

Program Complot
(Version 2021-1)

by

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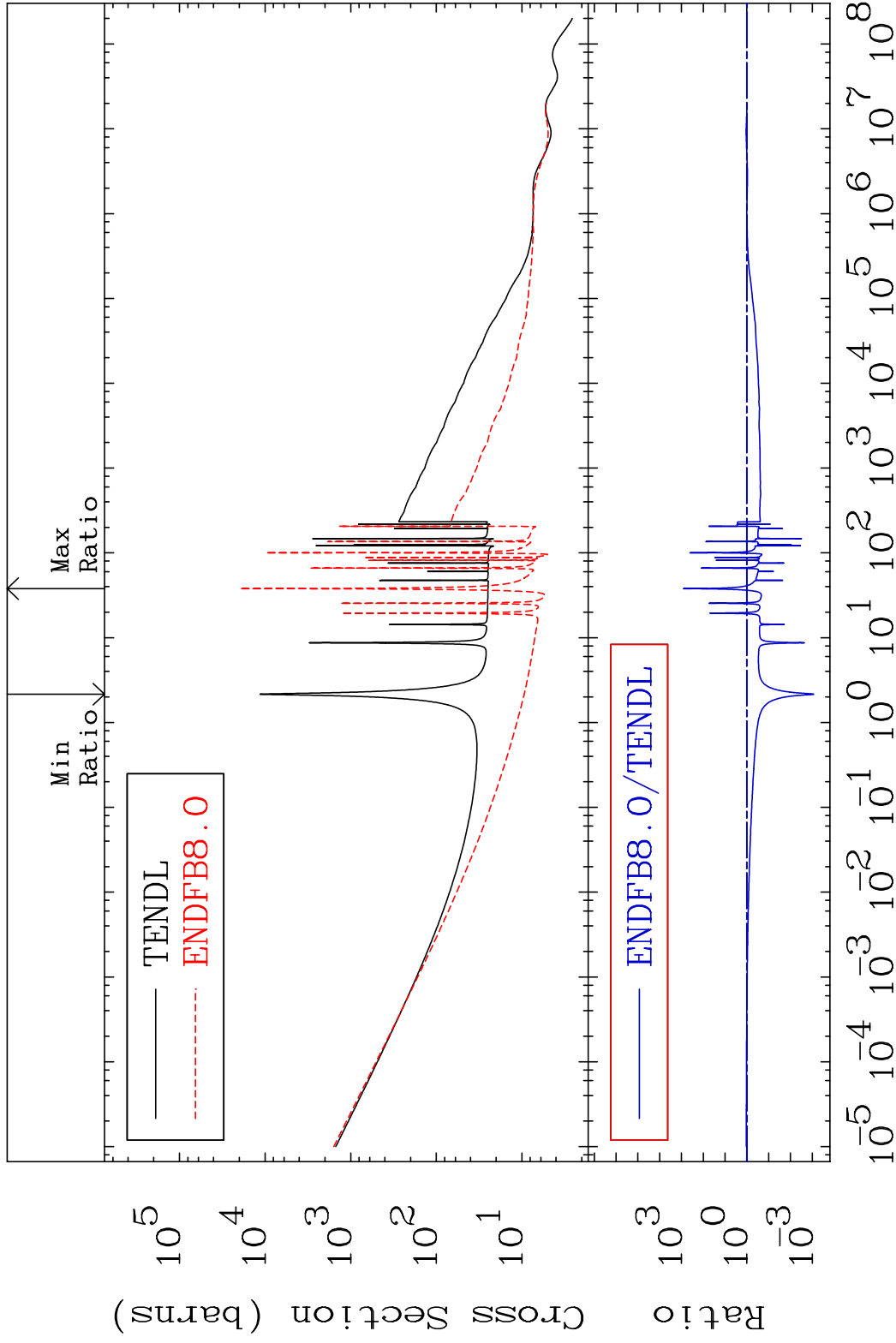
Press Mouse Button to Start

MAT 6846

Total

68-Er-169

Cross Section -99.92 To 9999. %



1

Incident Energy (eV)

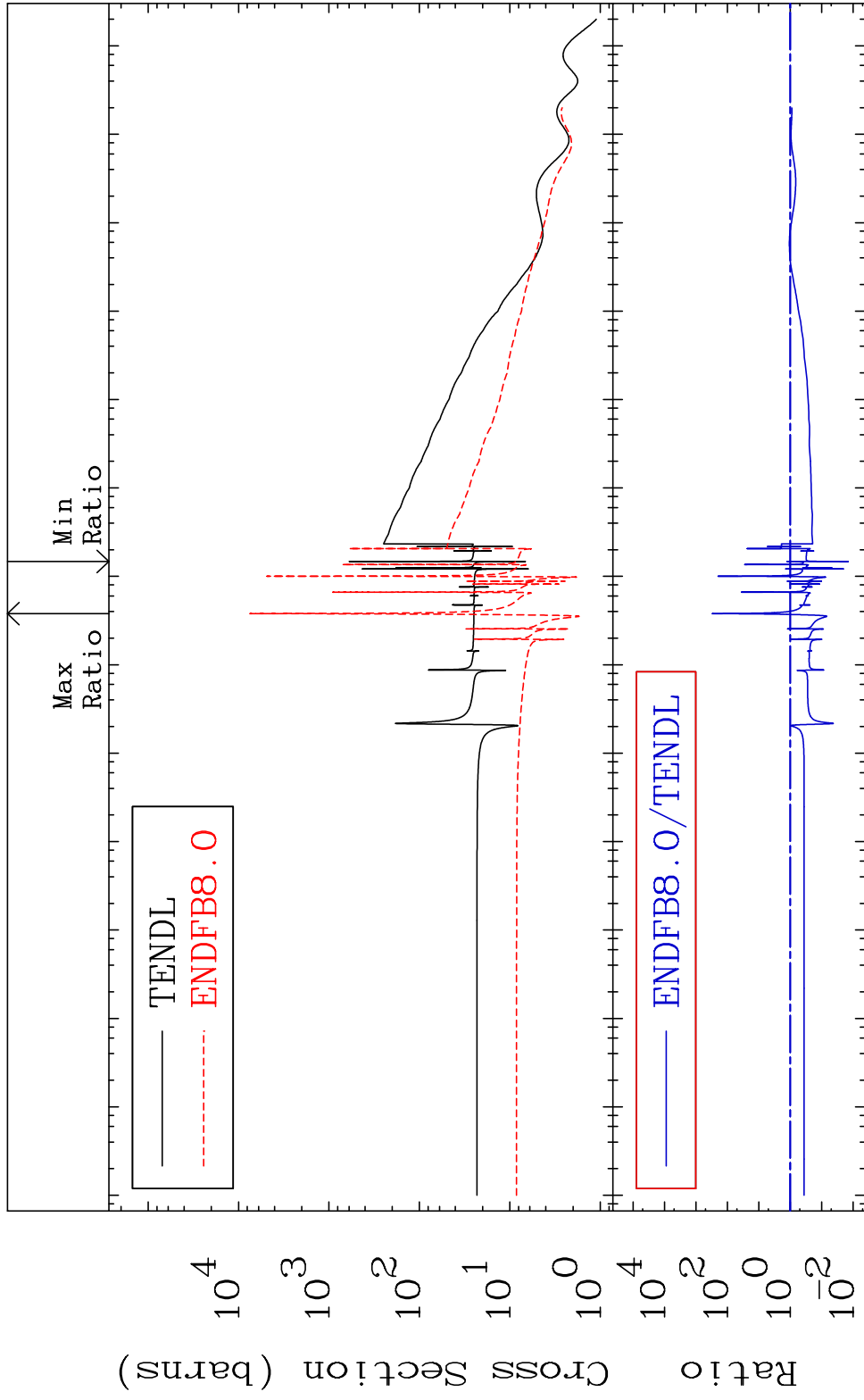
68-Er-169

MAT 6846

Elastic

68-Er-169

Cross Section -98.57 To 9999. %

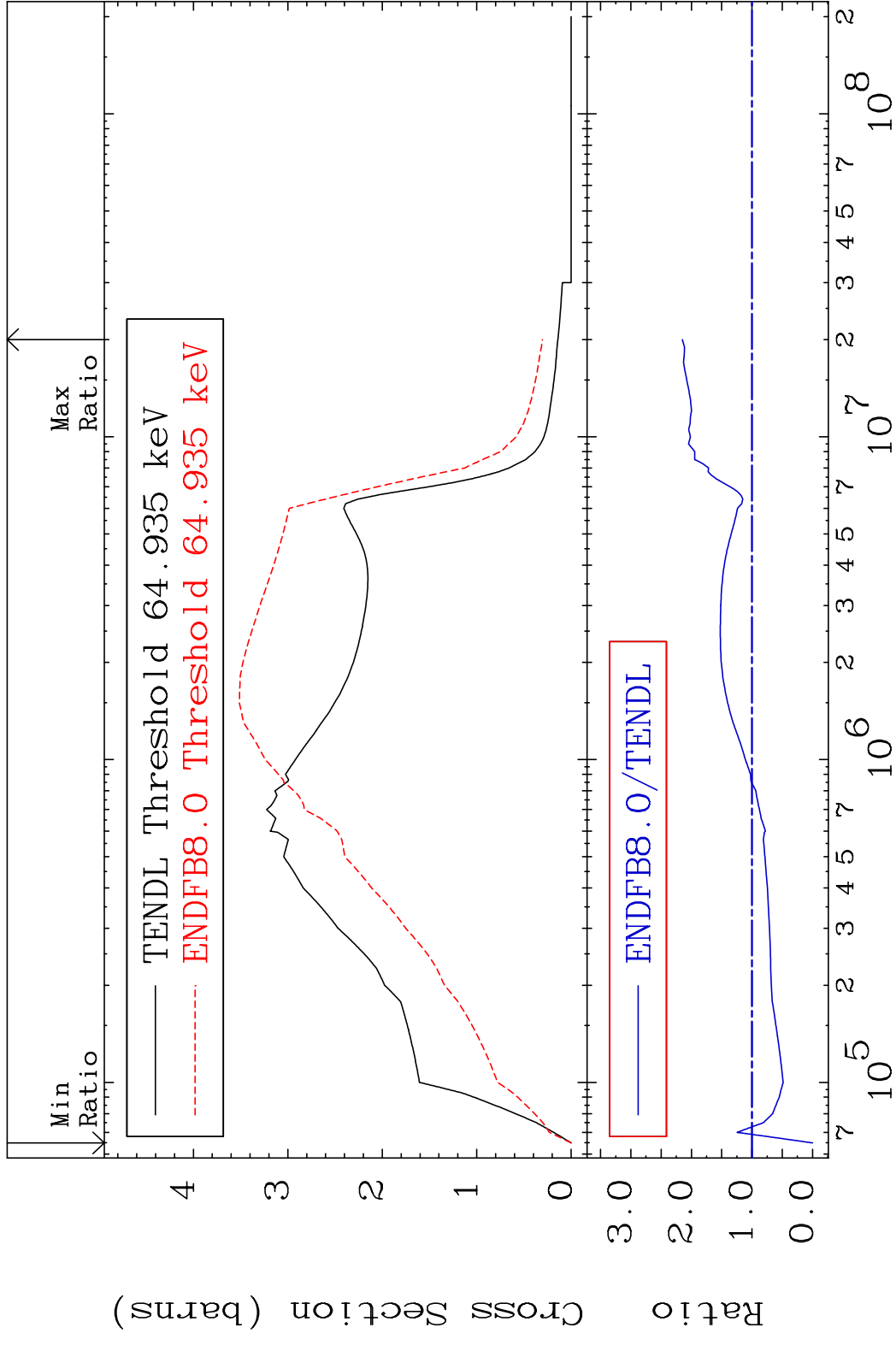


2

Incident Energy (eV)

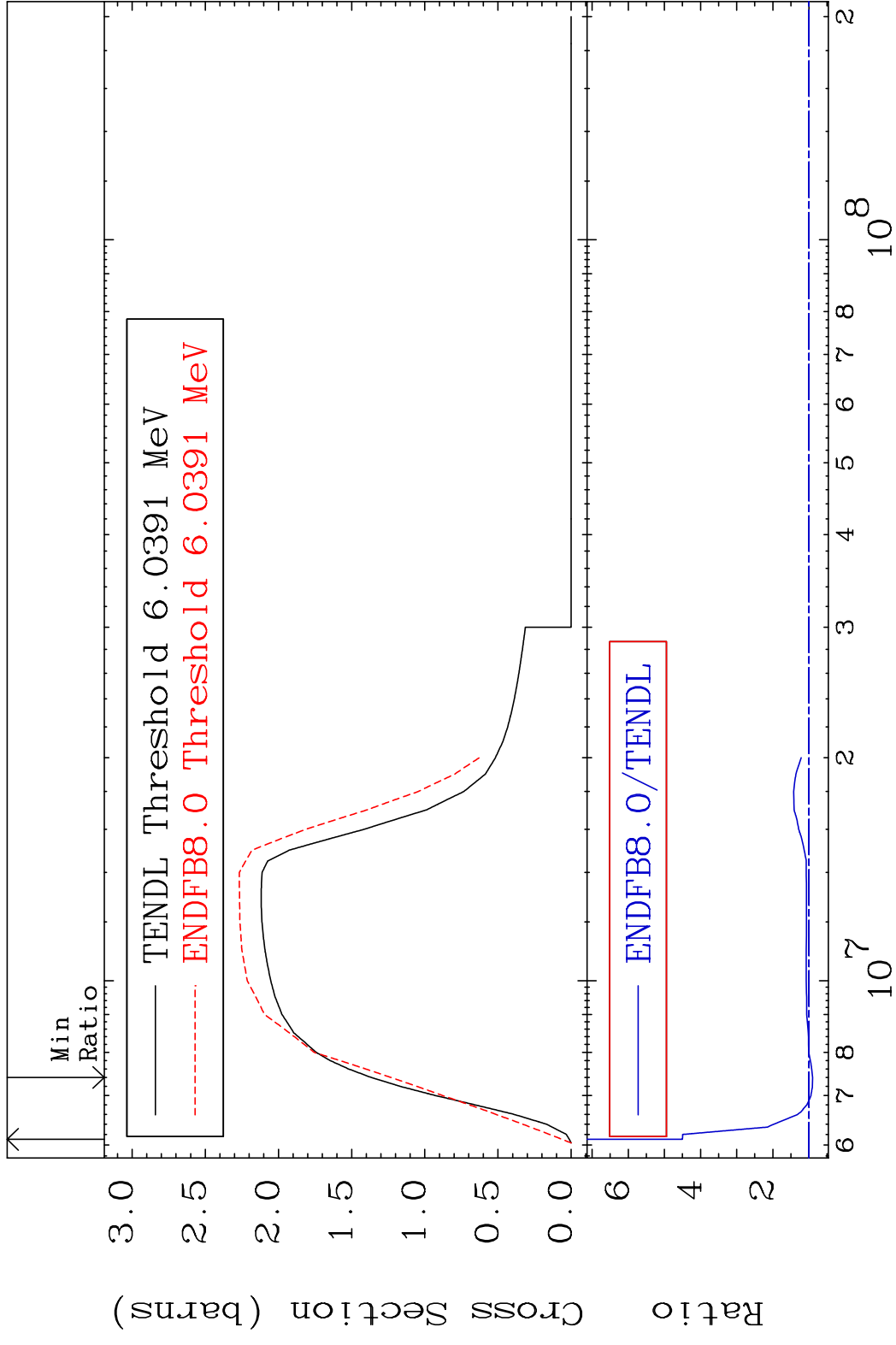
68-Er-169

MAT 6846 Inelastic 68-Er-169
 Cross Section -100.0 To 115.0 %



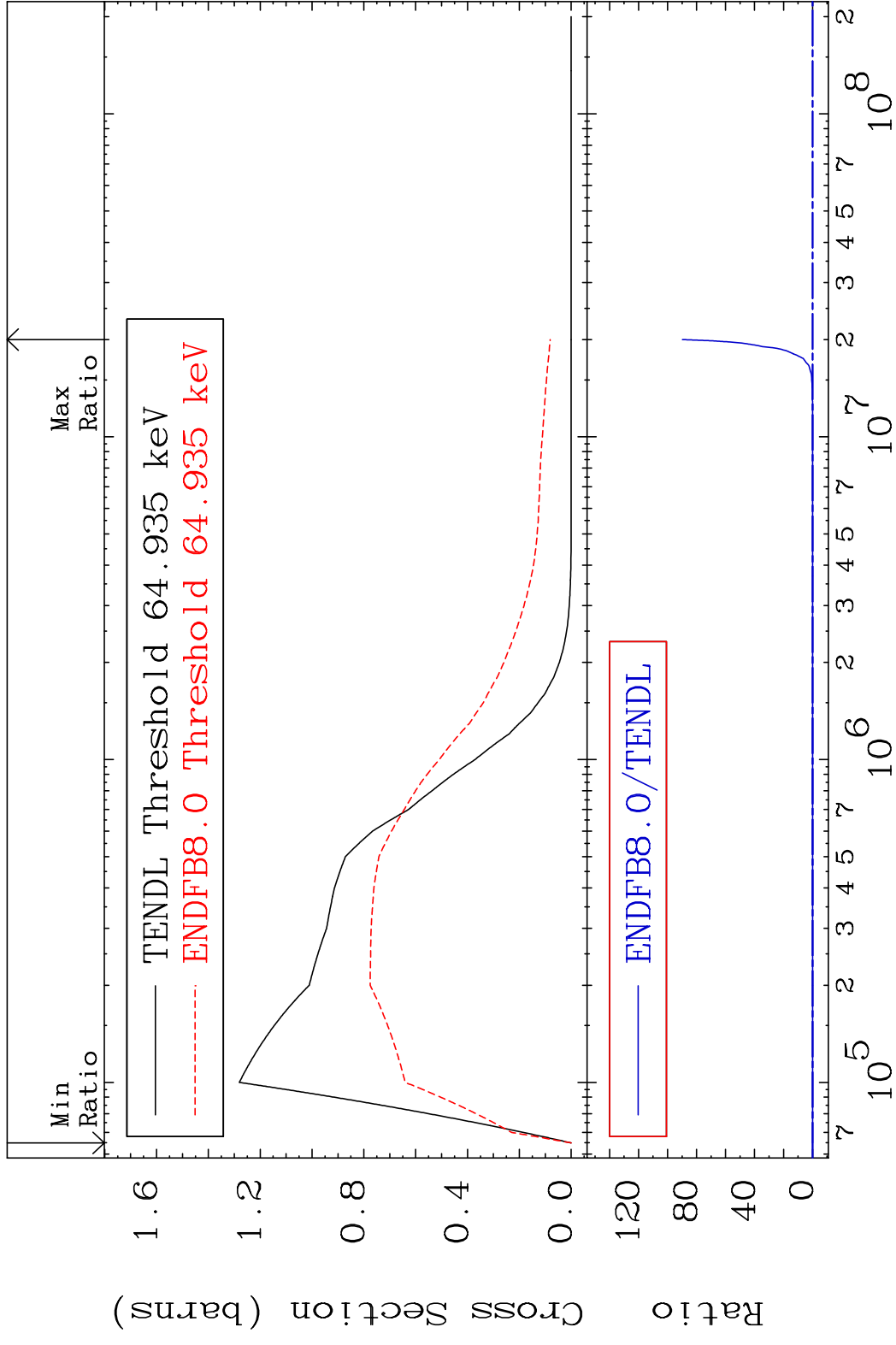
3 Incident Energy (eV) 68-Er-169

MAT 6846 (n,2n) 68-Er-169
 Cross Section -9.953 To 350.3 %



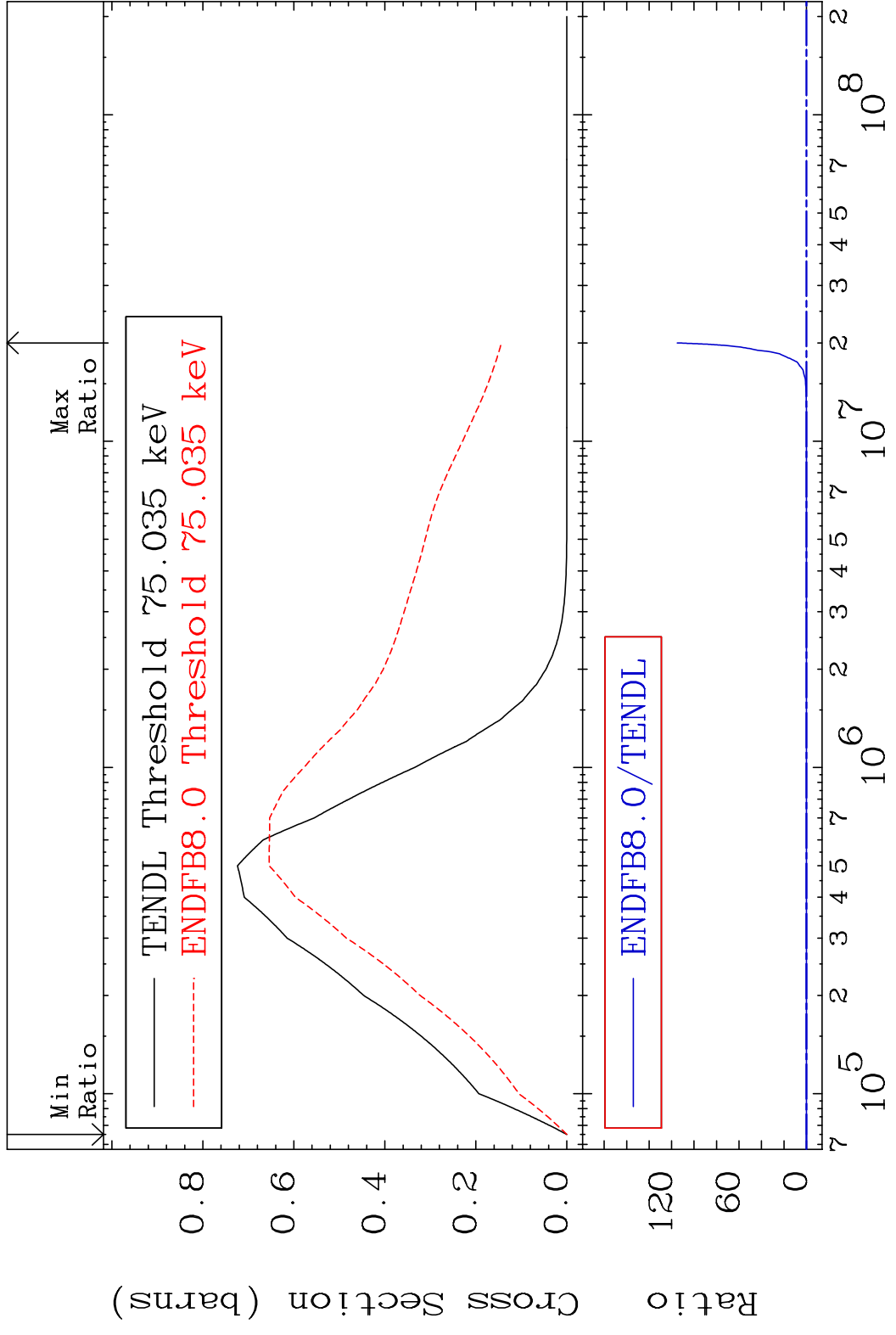
4 Incident Energy (eV) 68-Er-169

MAT 6846 MT= 51 (n,n') Level 68-Er-169
 Cross Section -100.0 To 9999. %



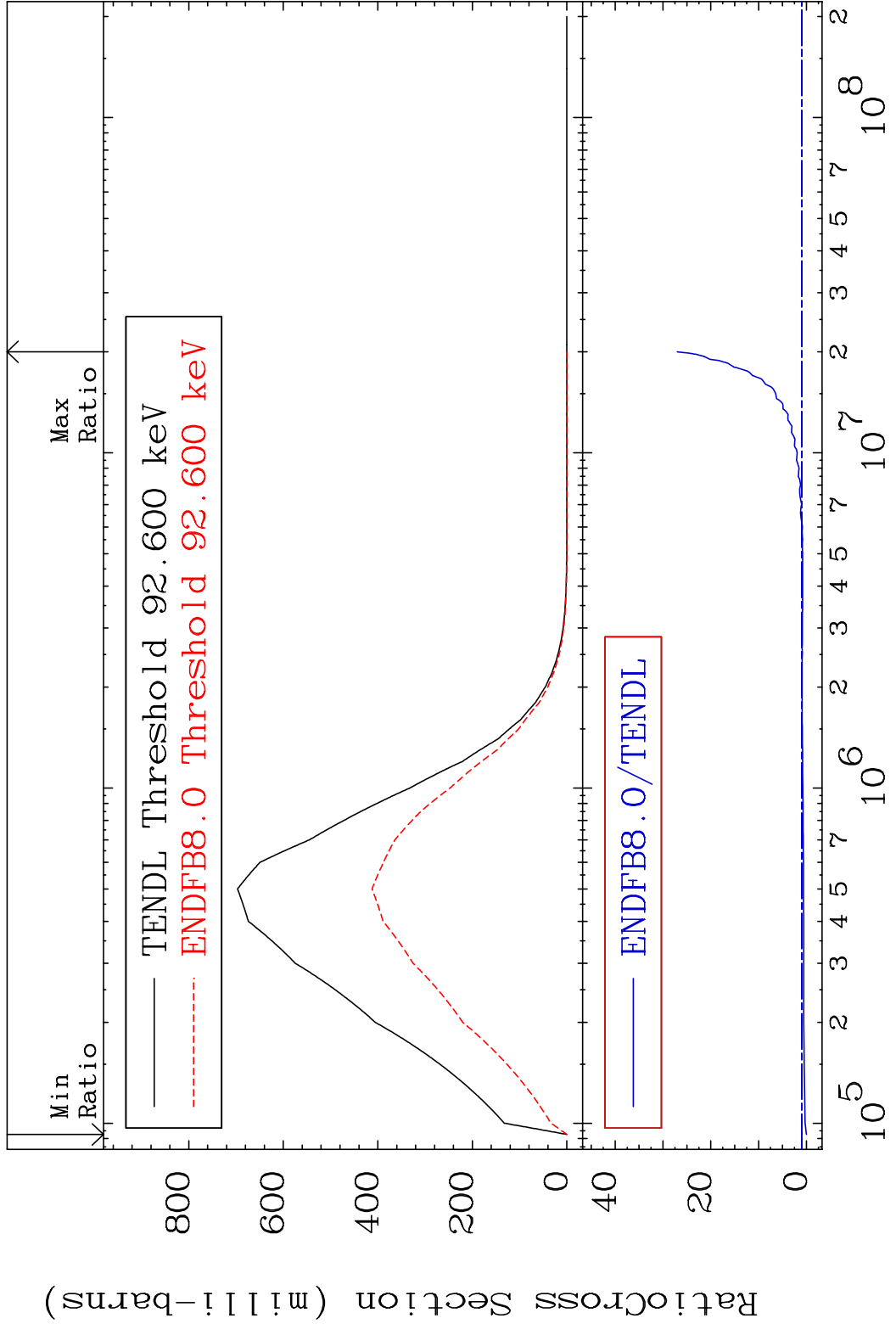
5 Incident Energy (eV) 68-Er-169

MAT 6846 MT= 52 (n, n') Level 68-Er-169
 Cross Section -100.0 To 9999. %



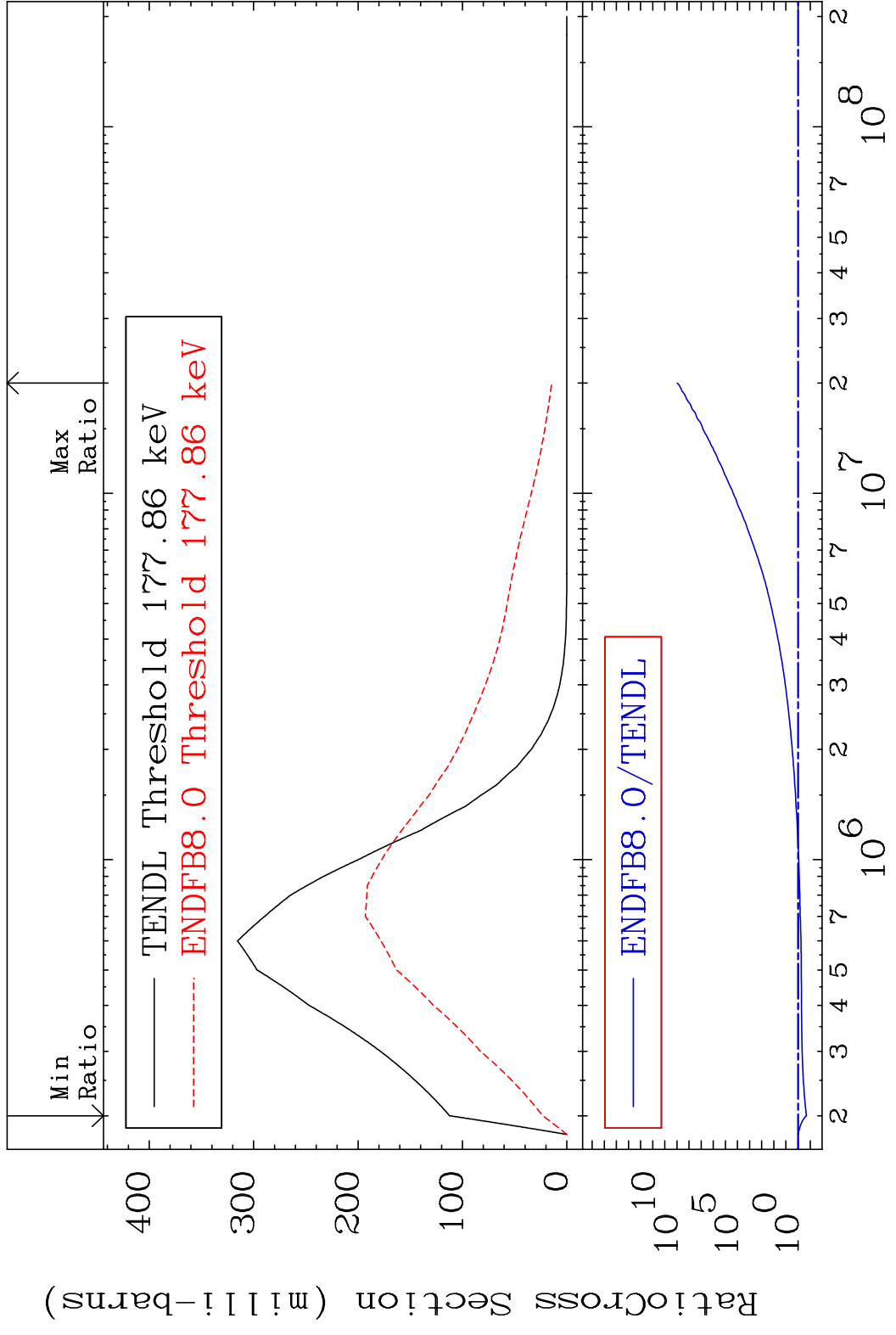
6 68-Er-169

MAT 6846 MT= 53 (n, n') Level 68-Er-169
 Cross Section -100.0 To 2603. %

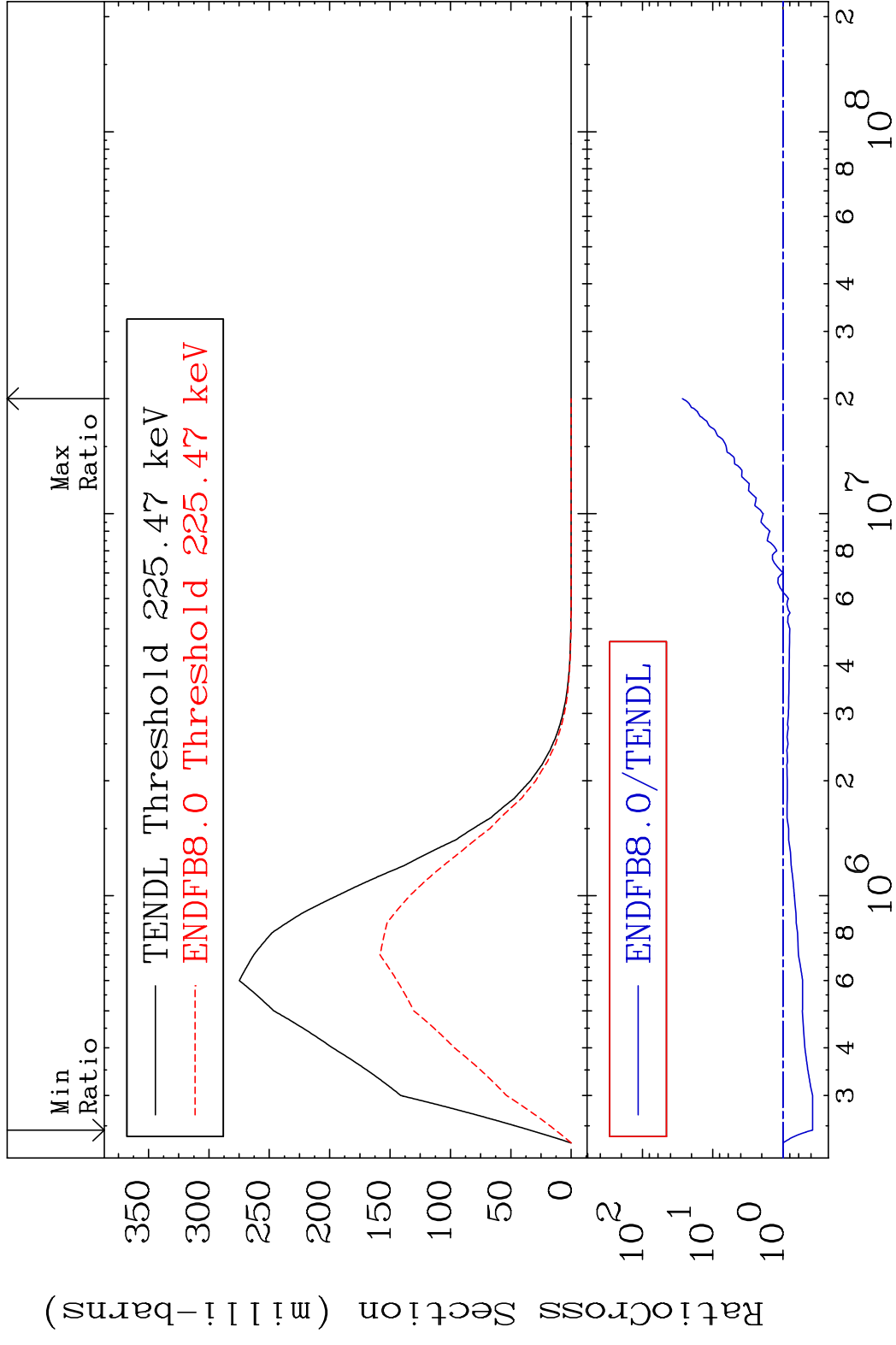


7 2 3 4 5 7 2 3 4 5 7 8 2
 10⁵ 10⁶ 10⁷ 10⁸
 68-Er-169

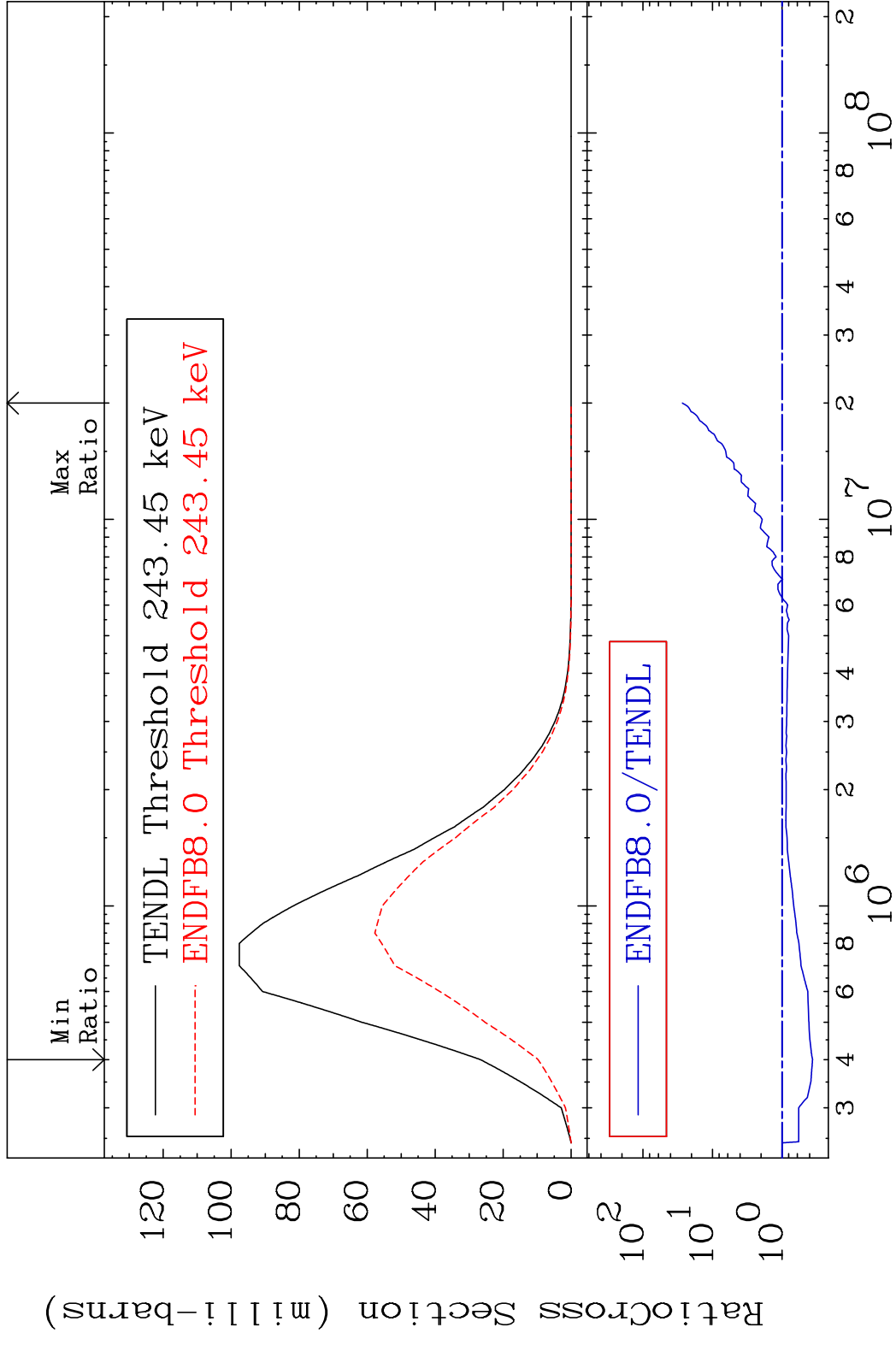
MAT 6846 MT= 54 (n, n') Level 68-Er-169
 Cross Section -79.45 To 9999. %



MAT 6846 MT= 55 (n, n') Level 68-Er-169
 Cross Section -62.02 To 2607. %

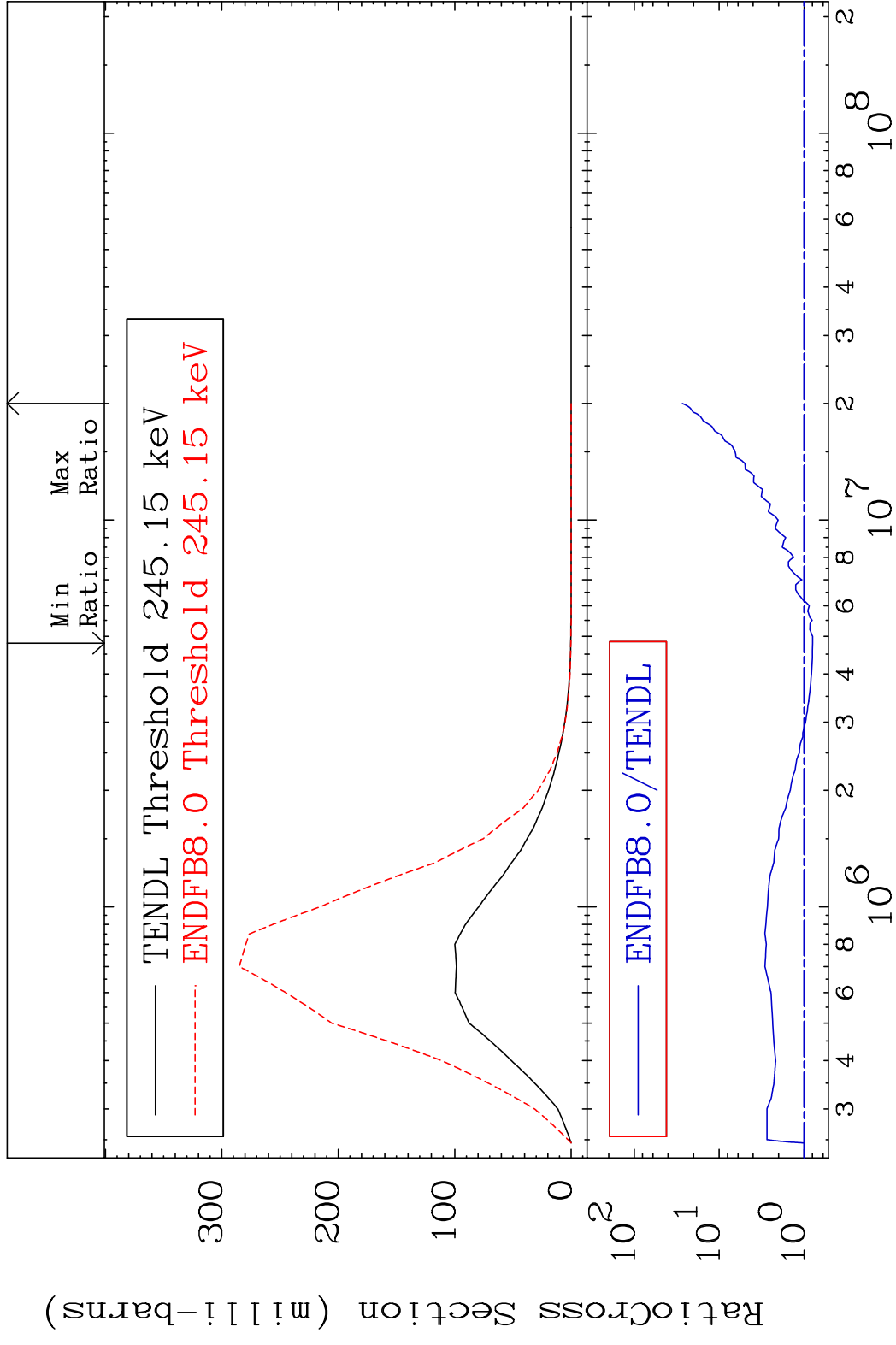


MAT 6846 MT= 56 (n,n') Level 68-Er-169
 Cross Section -63.63 To 2609. %

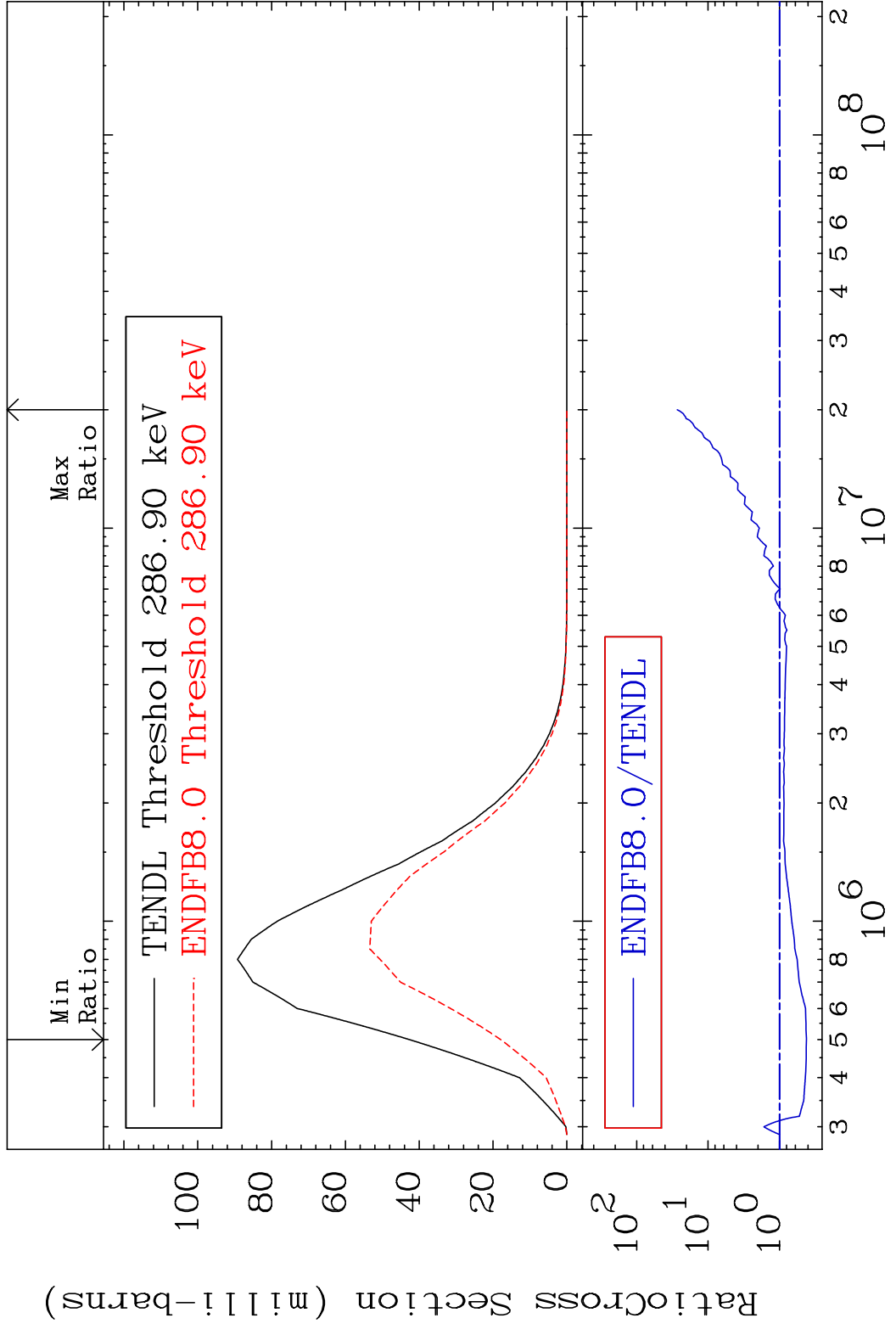


10 Incident Energy (eV) 68-Er-169

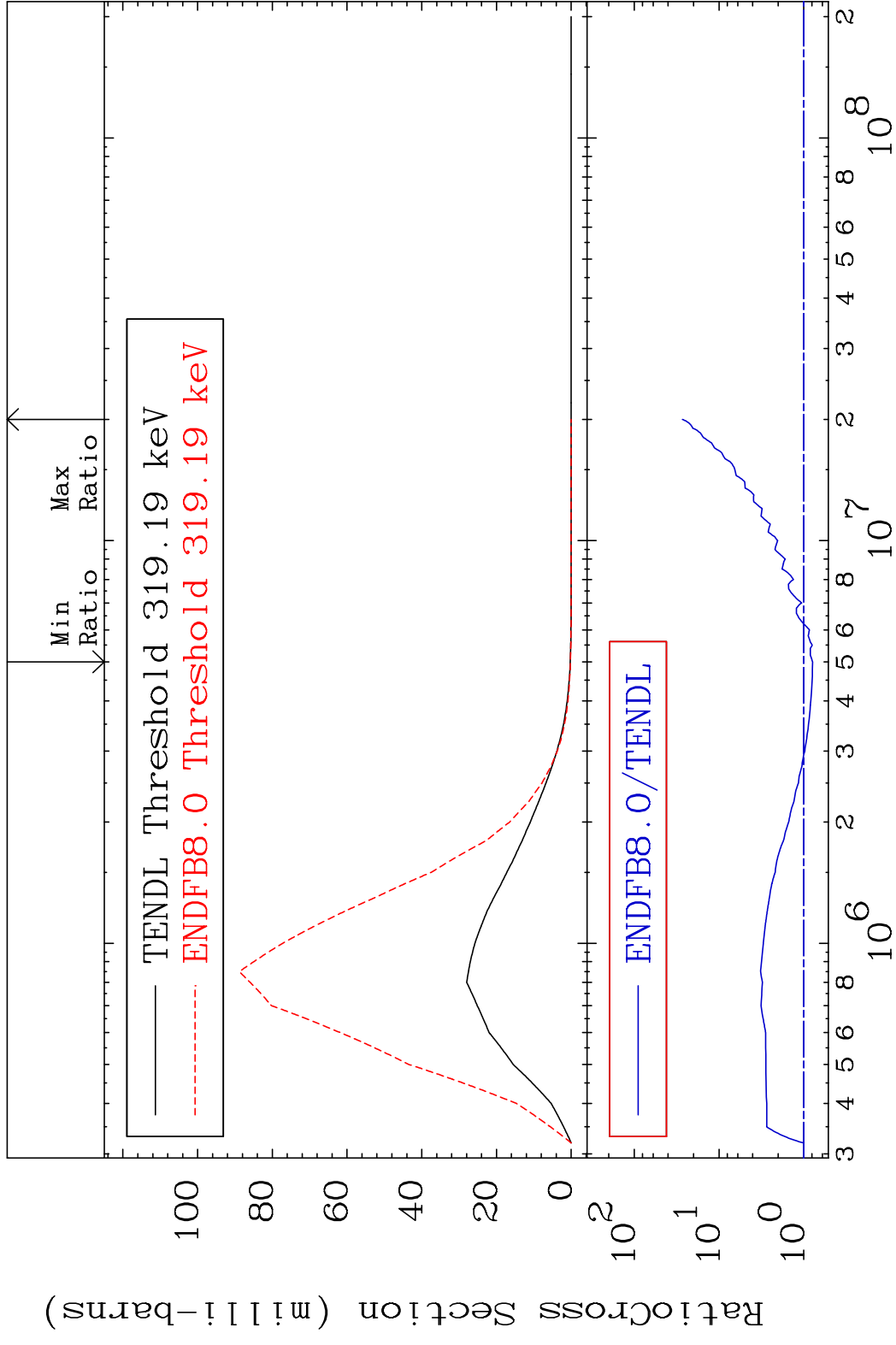
MAT 6846 MT= 57 (n, n') Level 68-Er-169
 Cross Section -20.27 To 2614. %



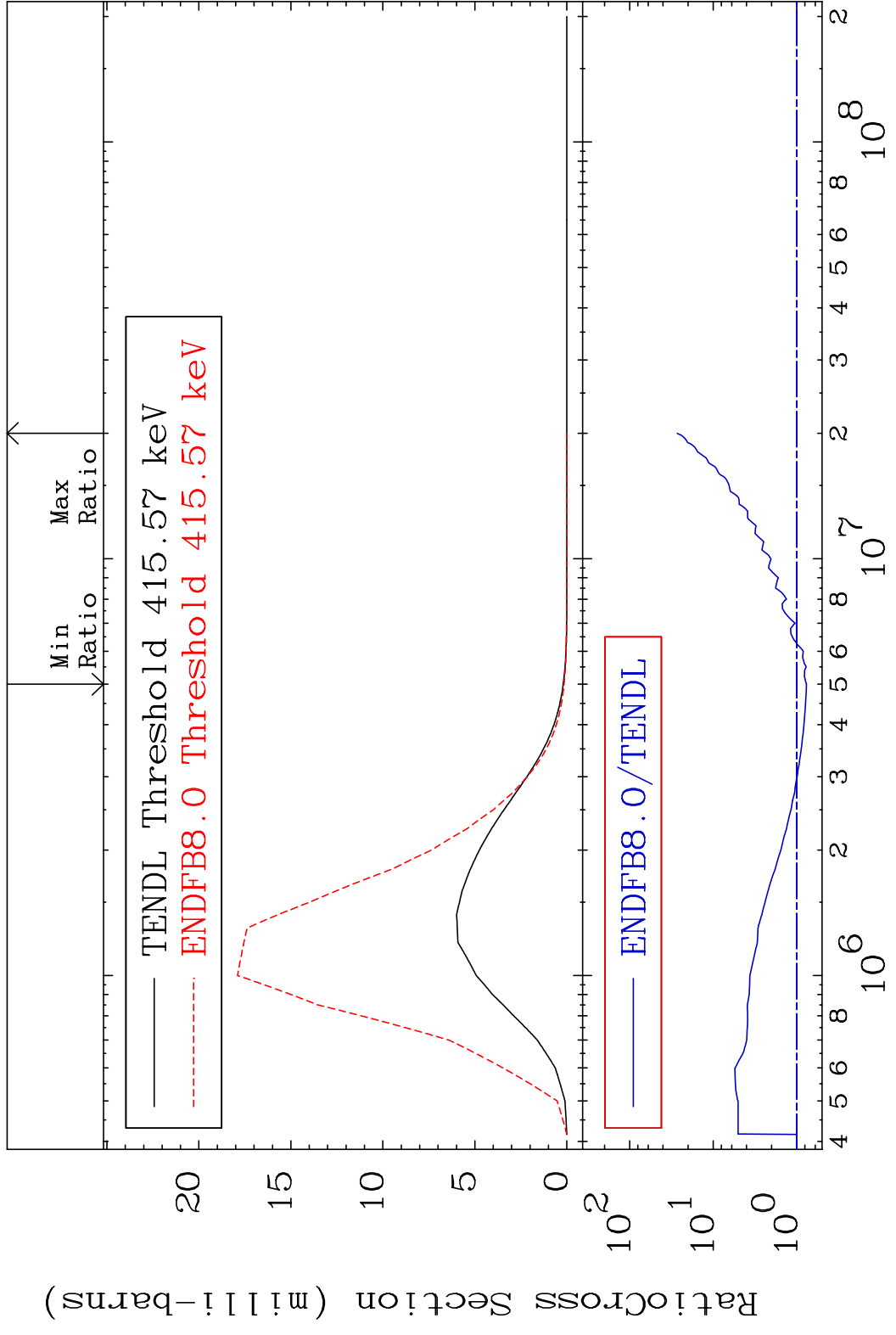
MAT 6846 MT= 58 (n,n') Level 68-Er-169
 Cross Section -57.94 To 2609. %



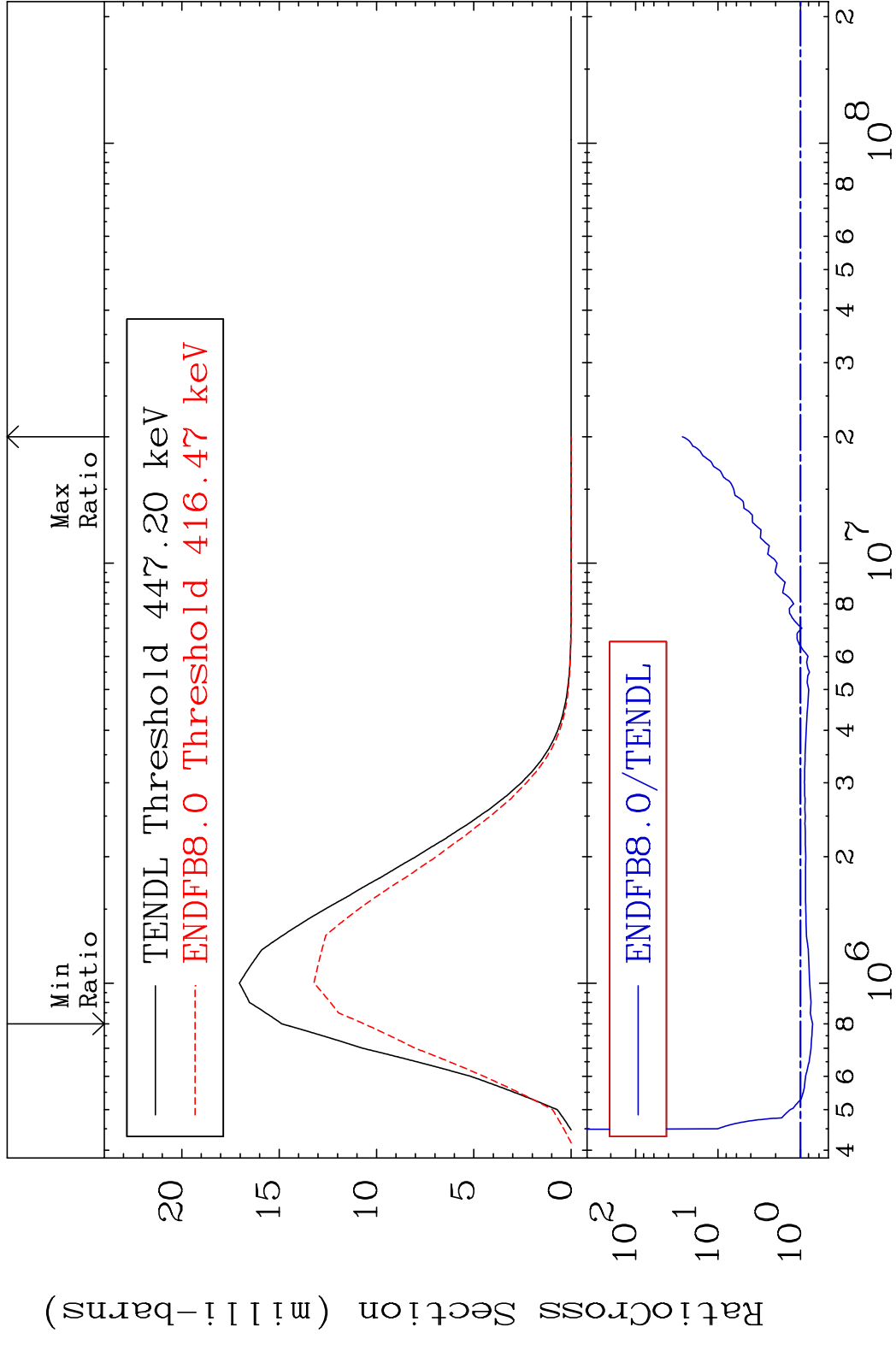
MAT 6846 MT= 59 (n, n') Level 68-Er-169
 Cross Section -21.47 To 2609. %



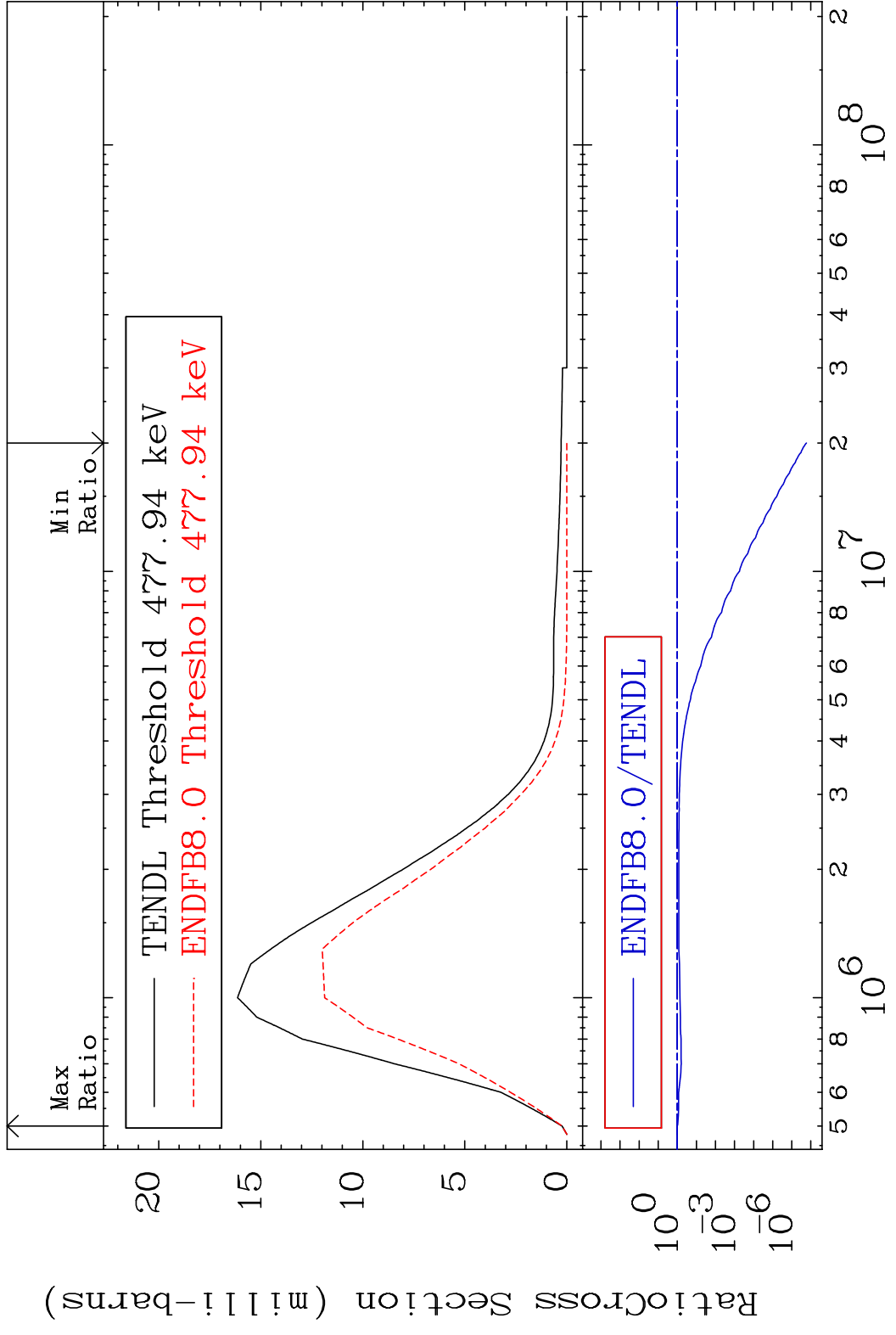
MAT 6846 MT= 60 (n, n') Level 68-Er-169
 Cross Section -23.38 To 2604. %



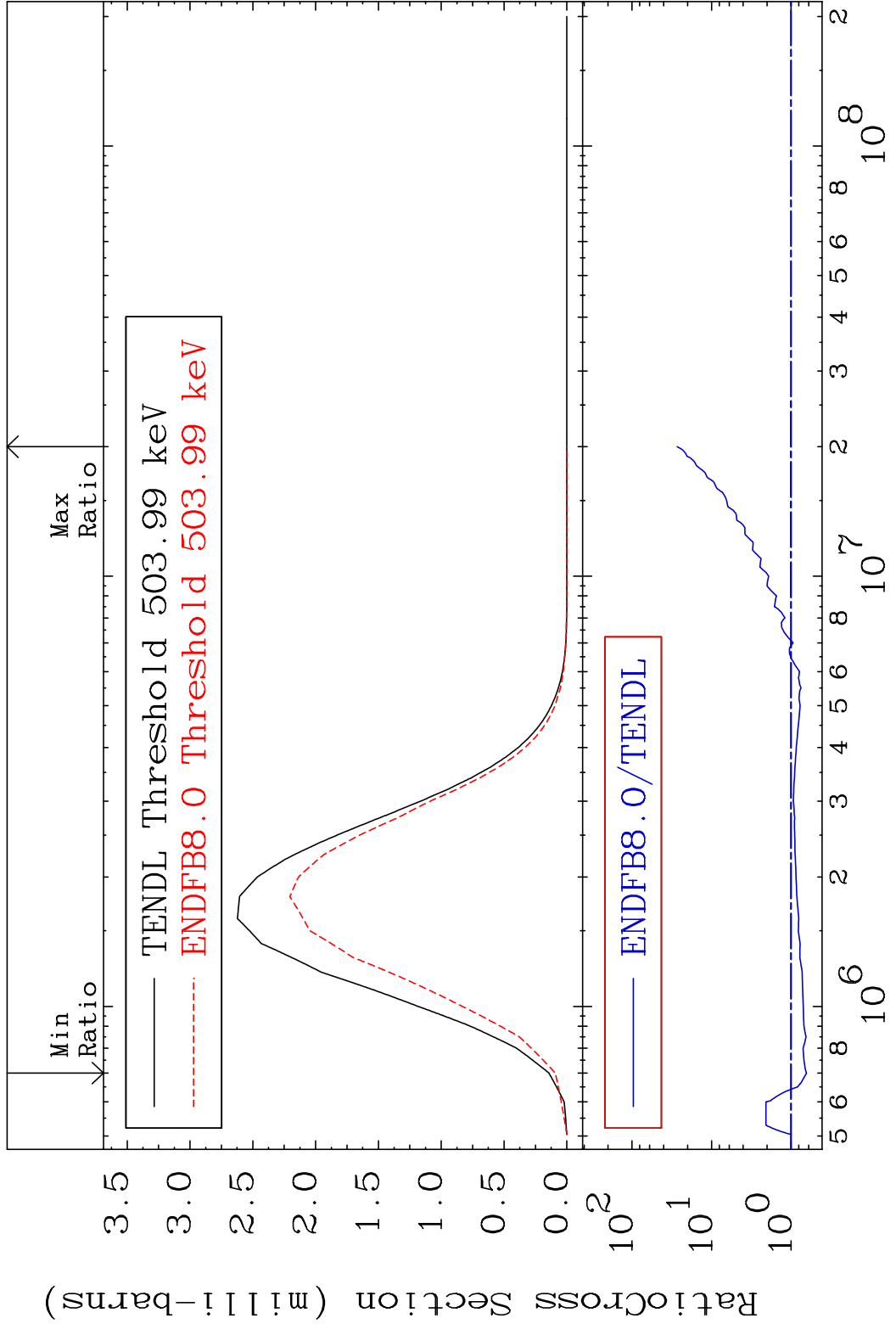
MAT 6846 MT= 61 (n, n') Level 68-Er-169
 Cross Section -28.41 To 2609. %



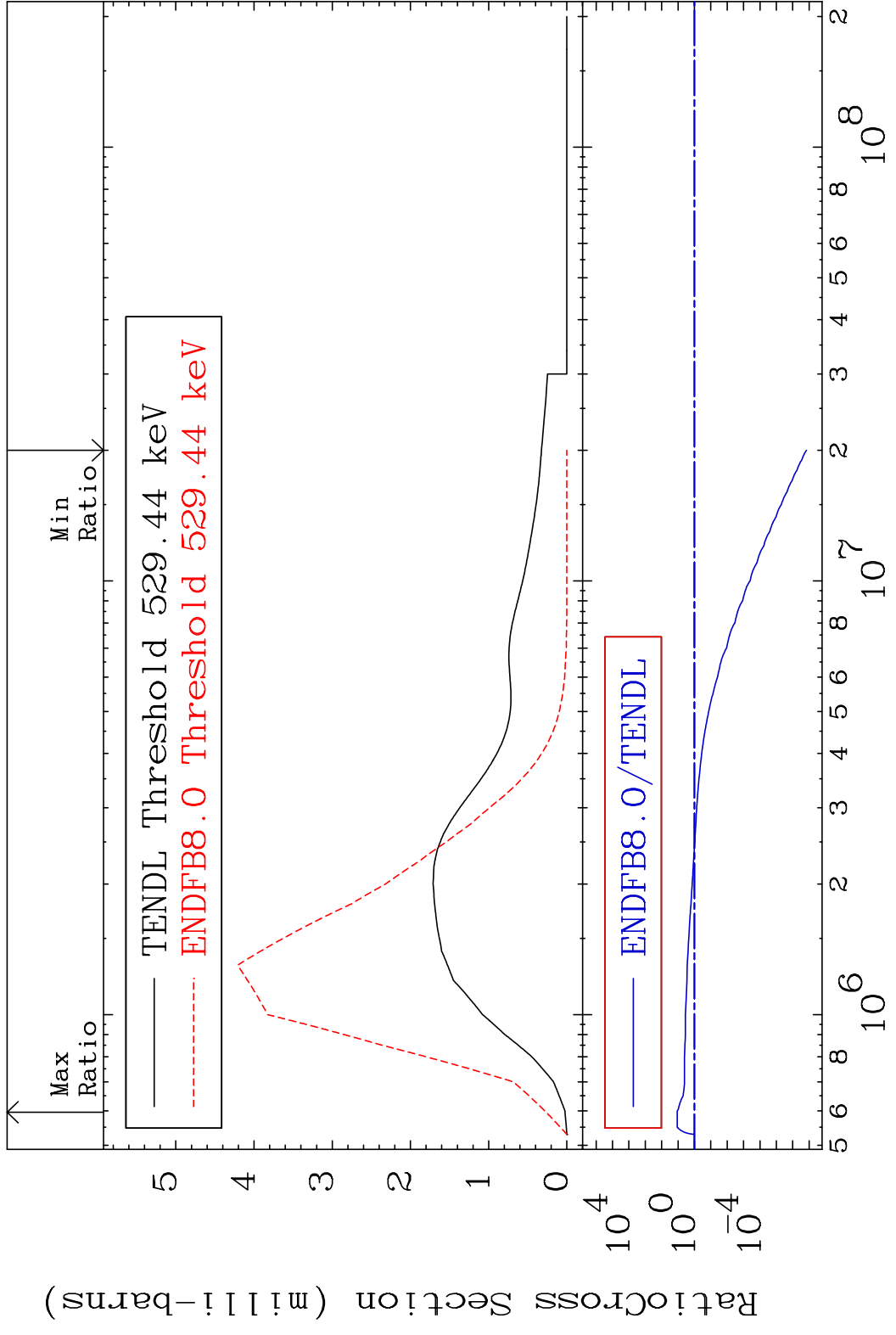
MAT 6846 MT= 62 (n, n') Level 68-Er-169
 Cross Section -100.0 To 1.509 %



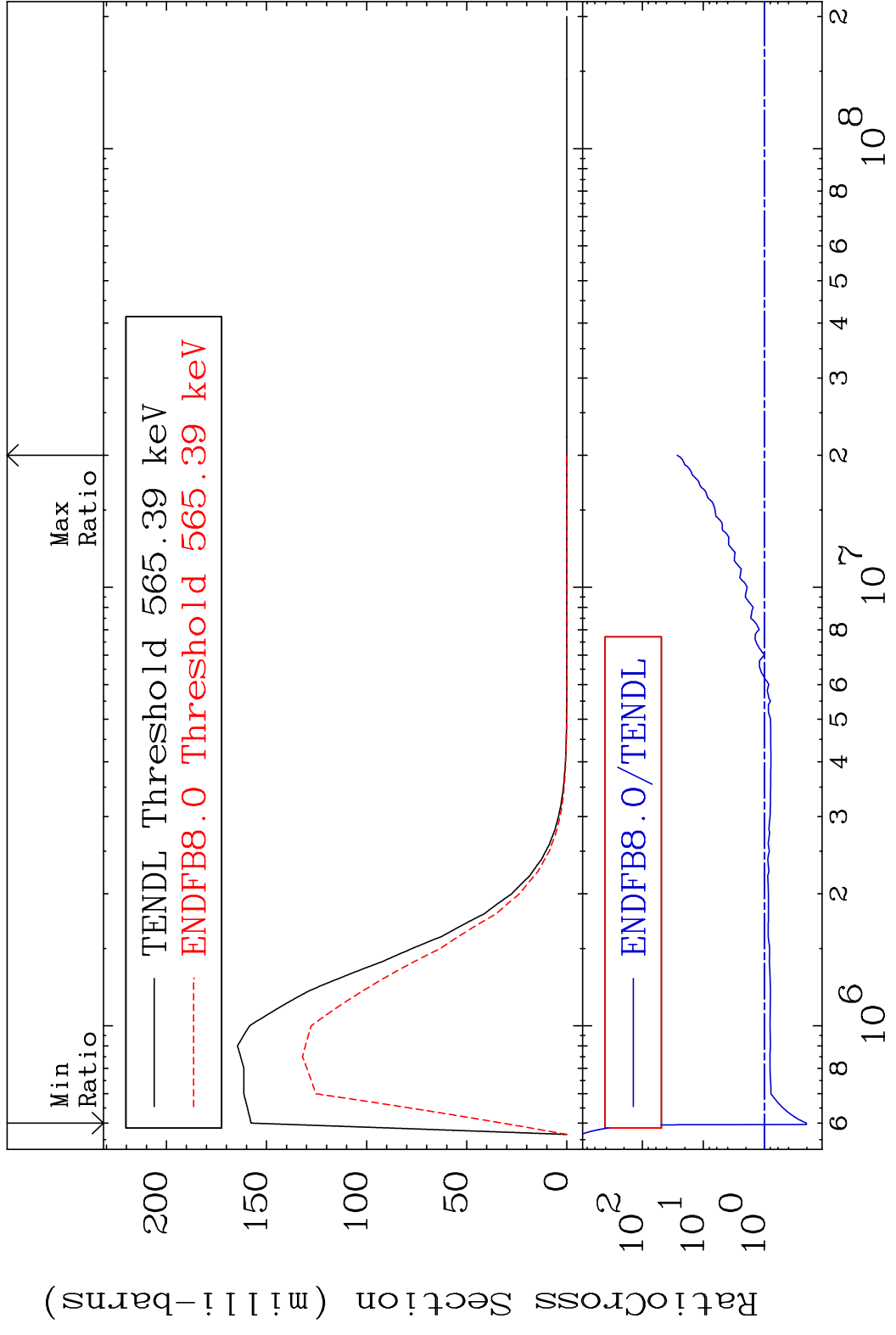
MAT 6846 MT= 63 (n, n') Level 68-Er-169
 Cross Section -35.82 To 2603. %



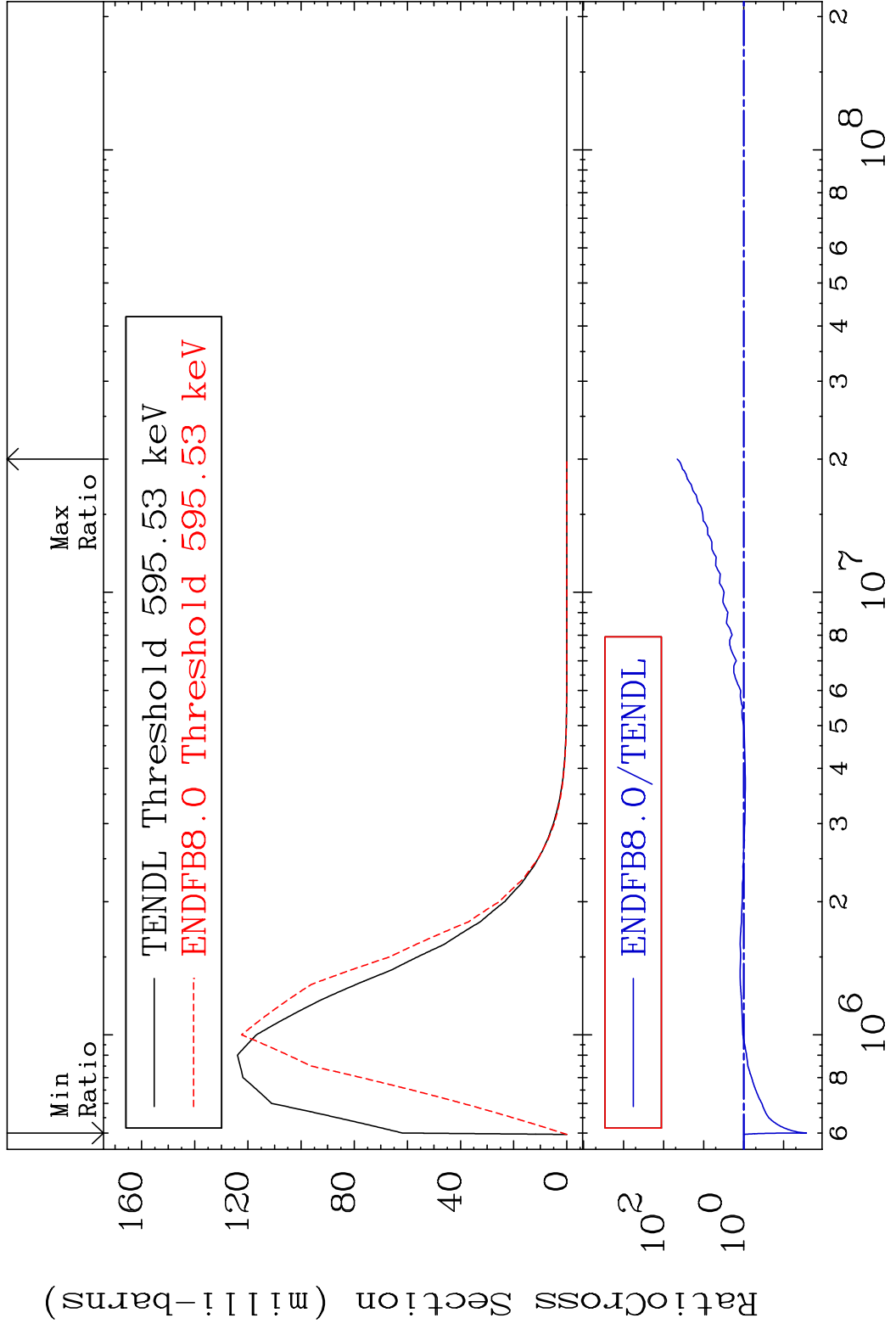
MAT 6846 MT= 64 (n, n') Level 68-Er-169
 Cross Section -100.0 To 1026. %



MAT 6846 MT= 65 (n, n') Level 68-Er-169
 Cross Section -79.56 To 2584. %

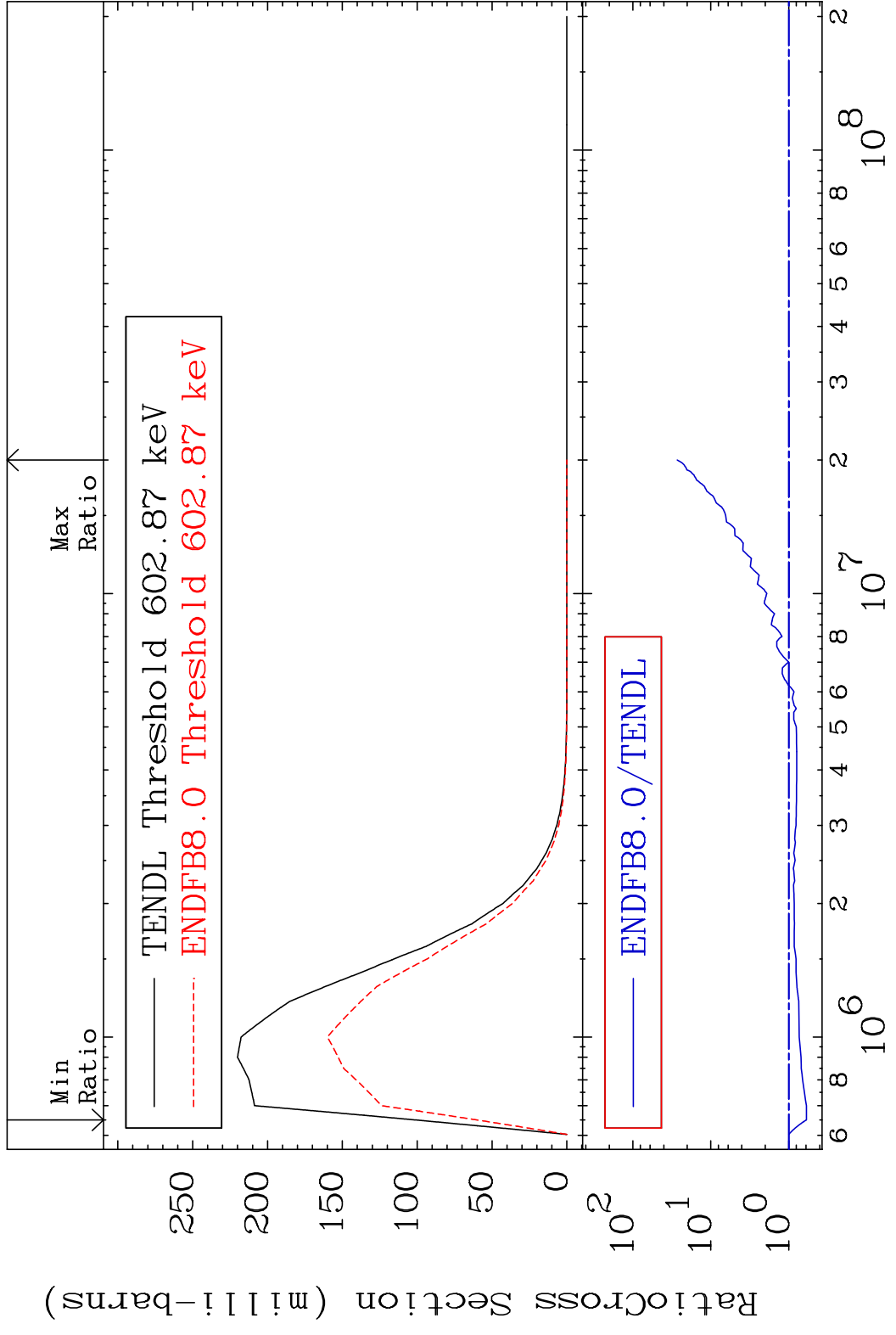


MAT 6846 MT= 66 (n, n') Level 68-Er-169
 Cross Section -97.29 To 4491. %

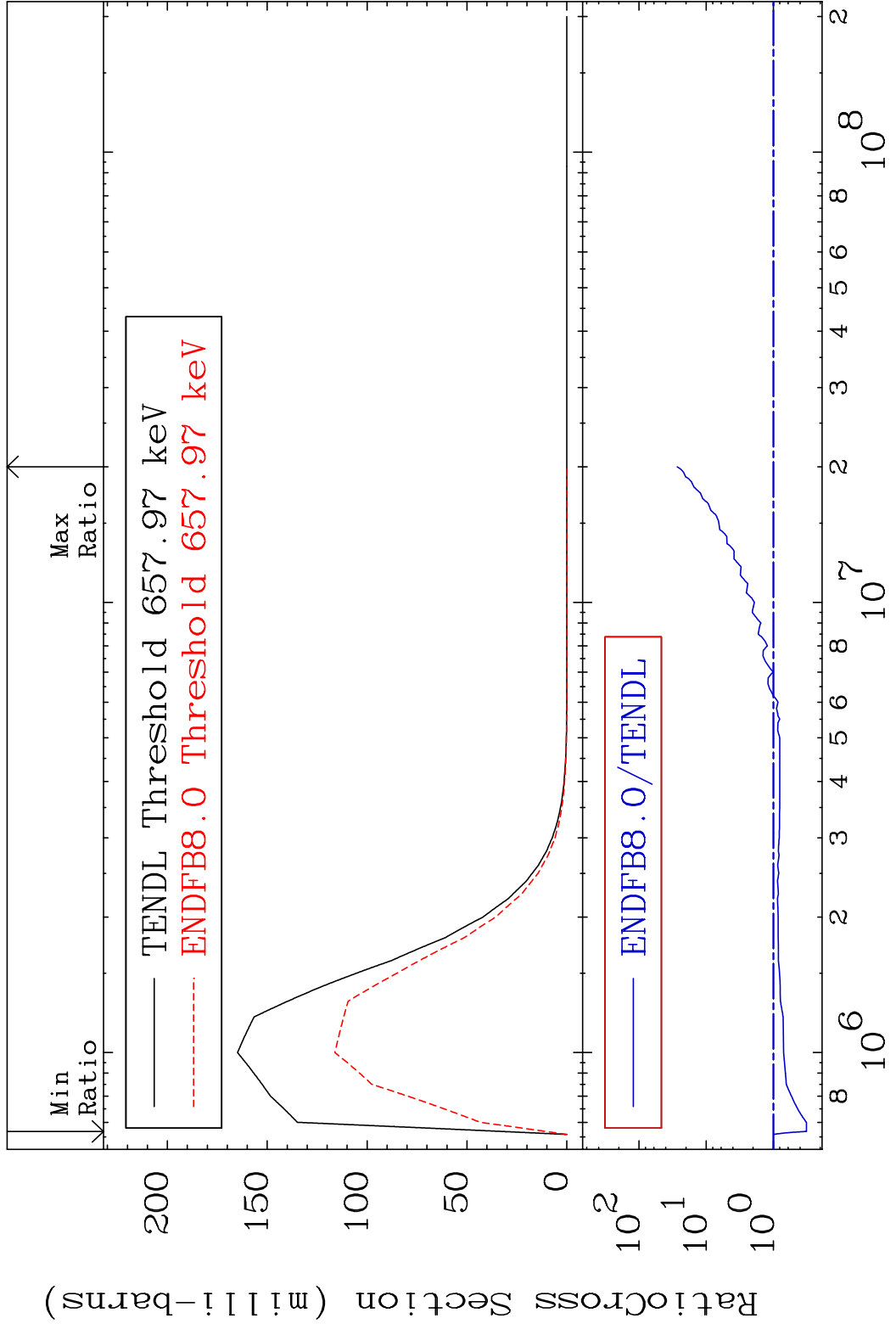


20 Incident Energy (eV) 68-Er-169

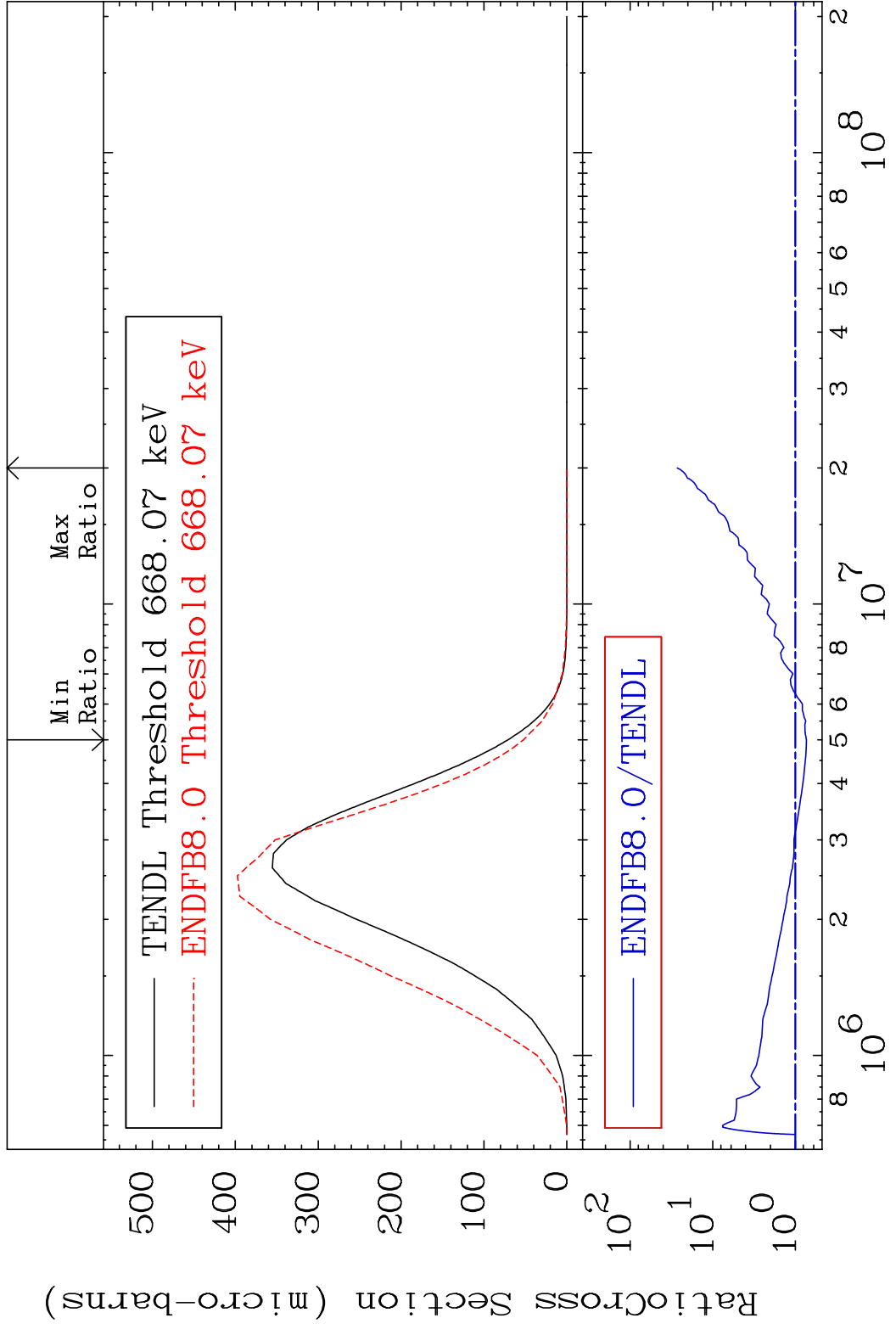
MAT 6846 MT= 67 (n, n') Level 68-Er-169
 Cross Section -40.65 To 2595. %



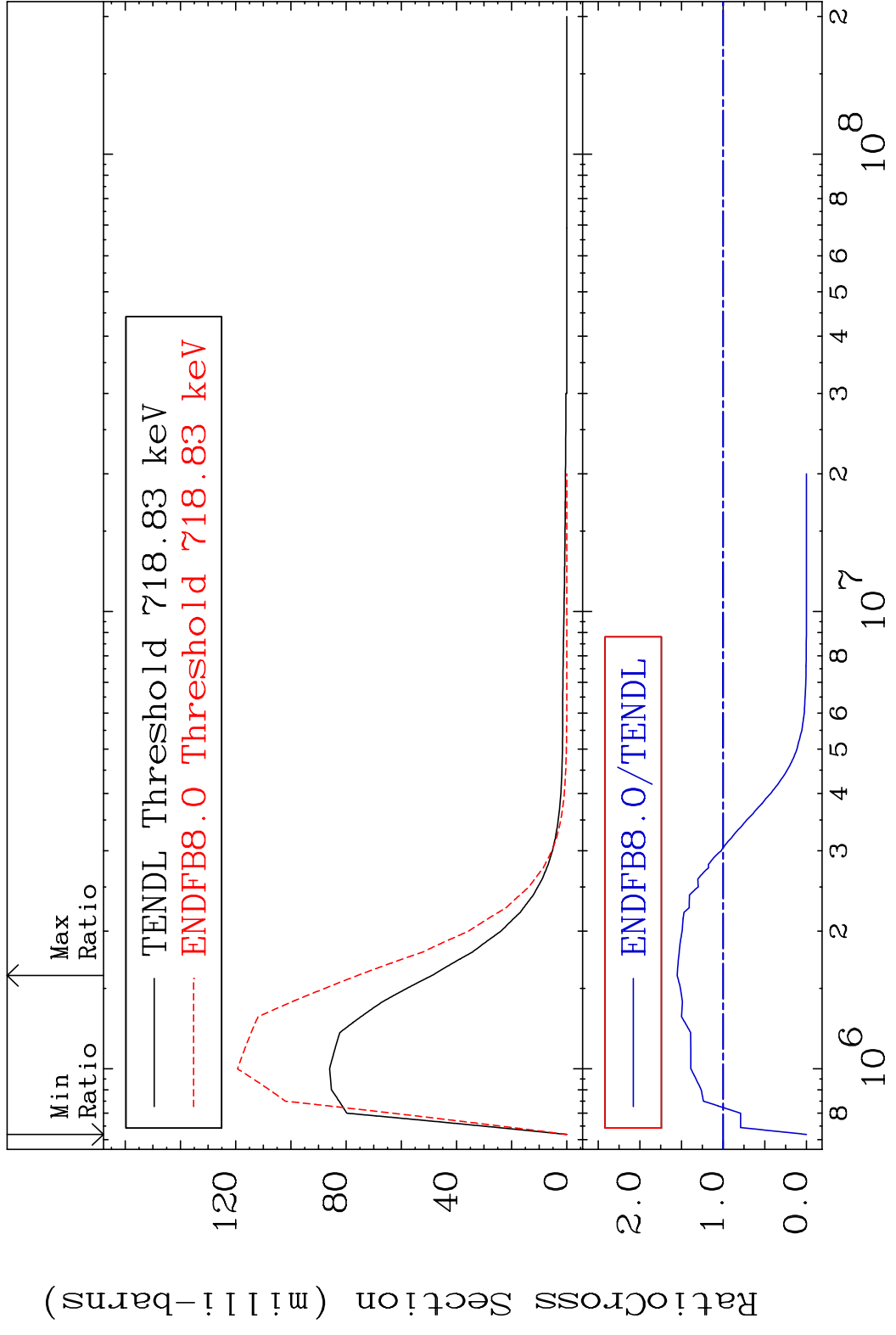
MAT 6846 MT= 68 (n, n') Level 68-Er-169
 Cross Section -67.87 To 2603. %



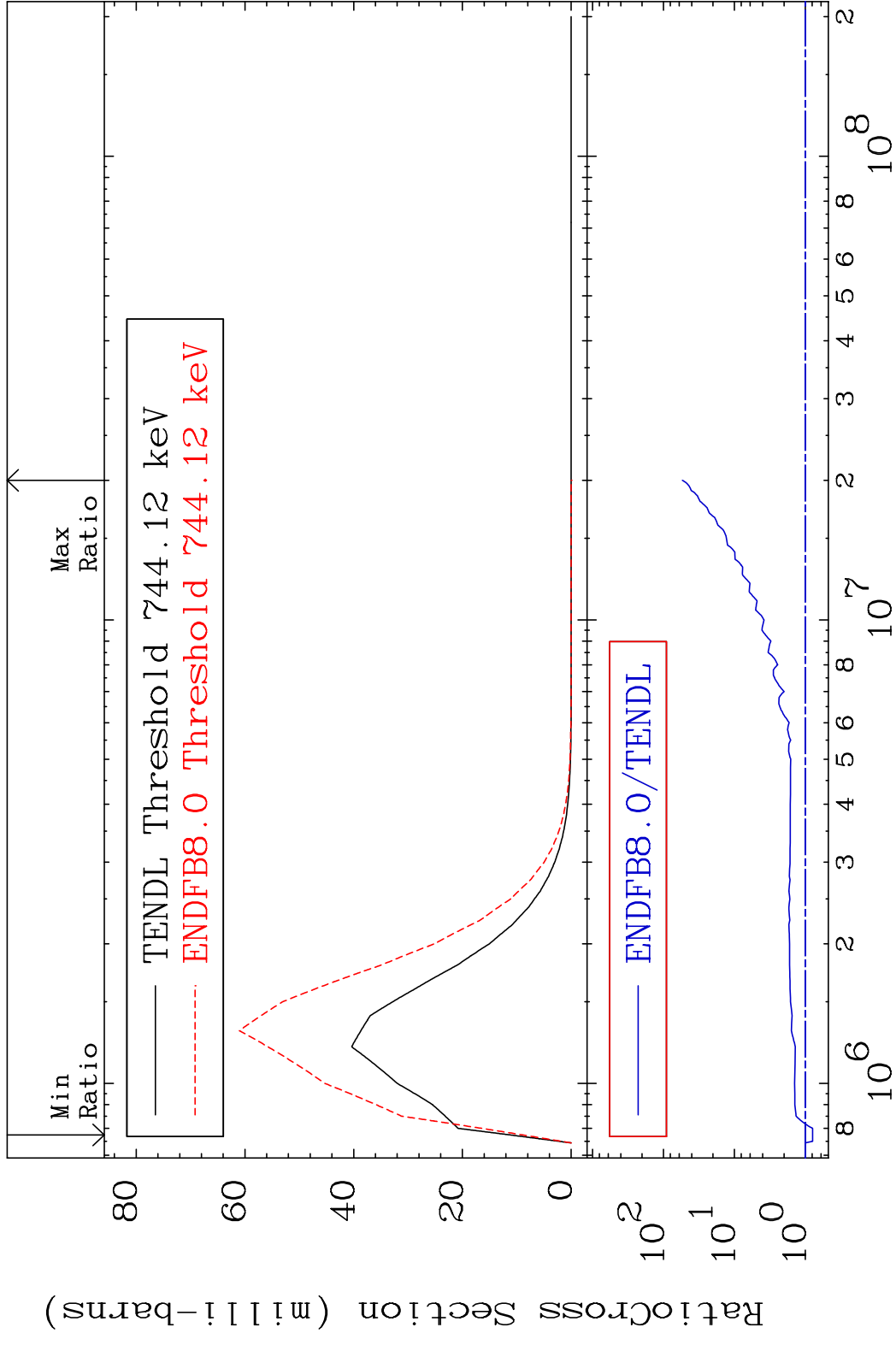
MAT 6846 MT= 69 (n, n') Level 68-Er-169
 Cross Section -26.44 To 2601. %



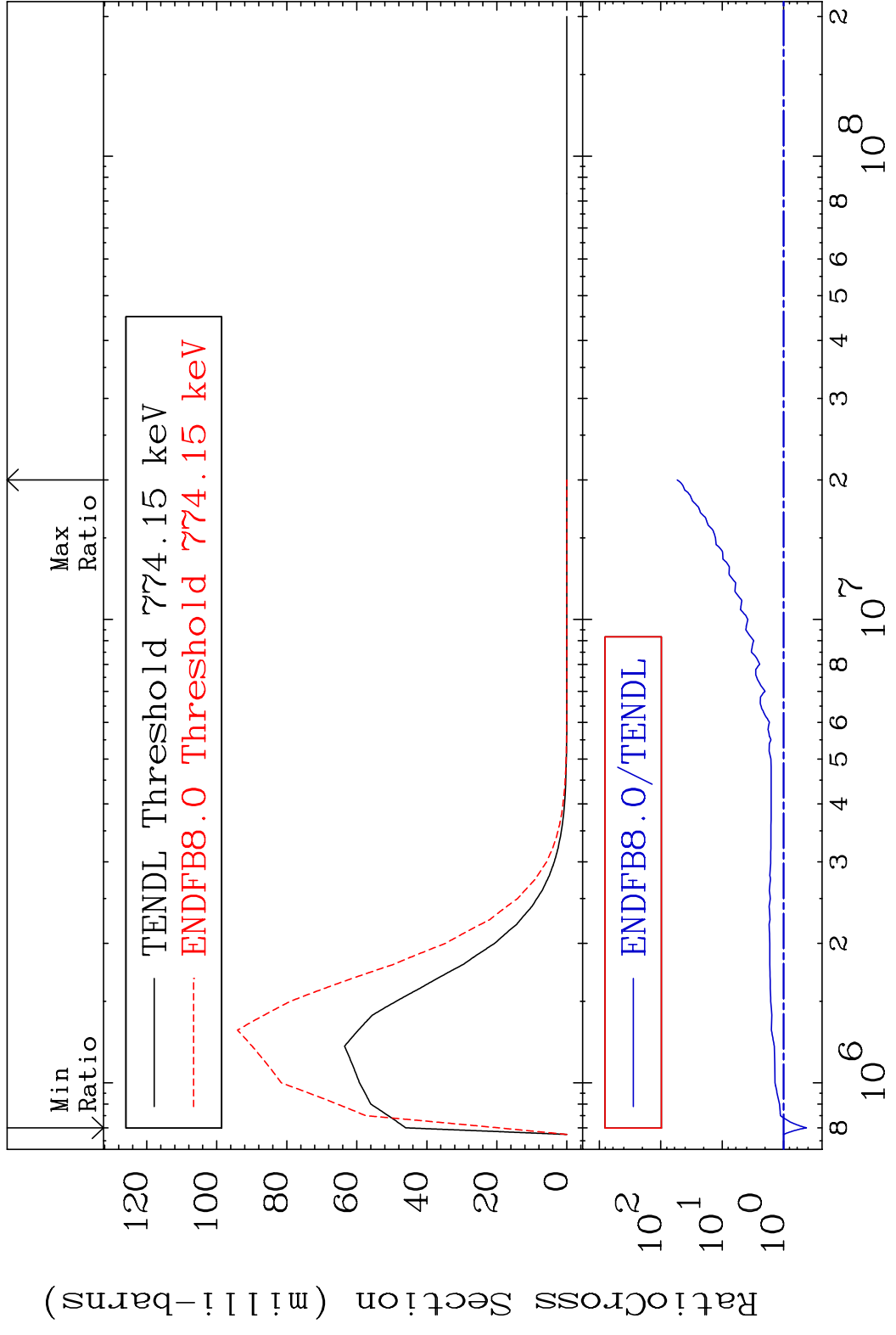
MAT 6846 MT= 70 (n,n') Level 68-Er-169
 Cross Section -100.0 To 55.19 %



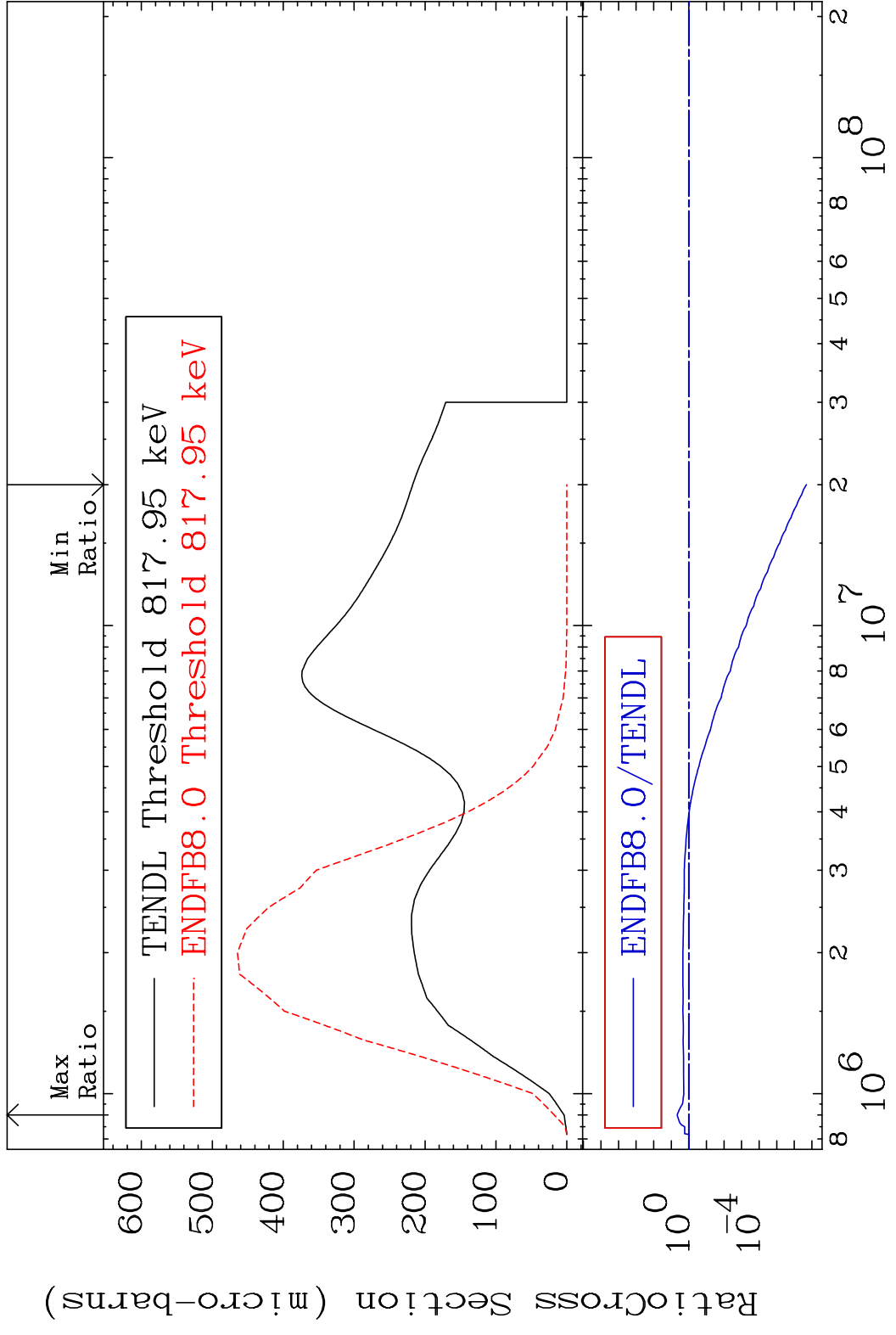
MAT 6846 MT= 71 (n, n') Level 68-Er-169
 Cross Section -20.85 To 5314. %



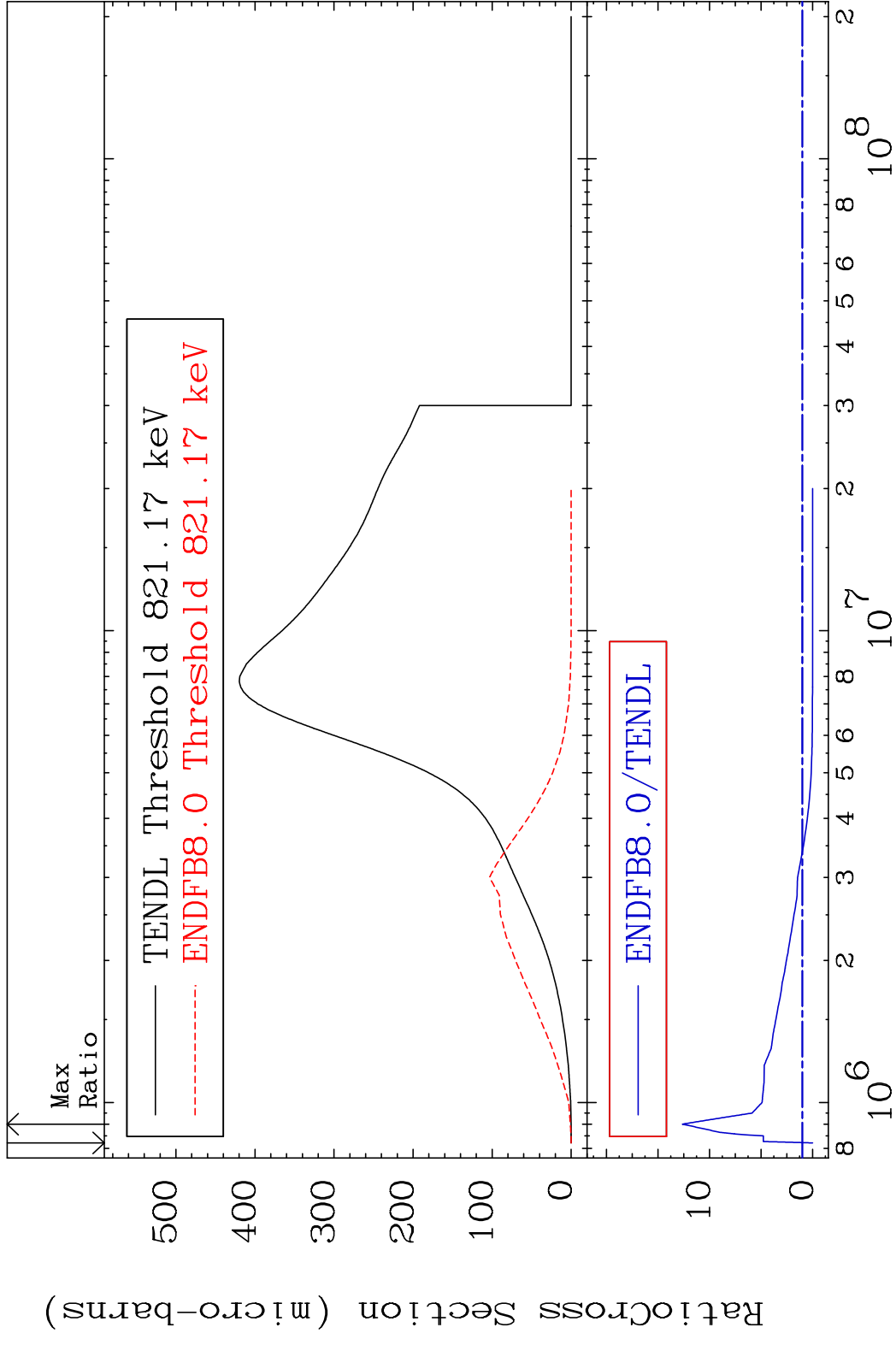
MAT 6846 MT= 72 (n, n') Level 68-Er-169
 Cross Section -57.46 To 5305. %



MAT 6846 MT= 73 (n, n') Level 68-Er-169
 Cross Section -100.0 To 361.0 %

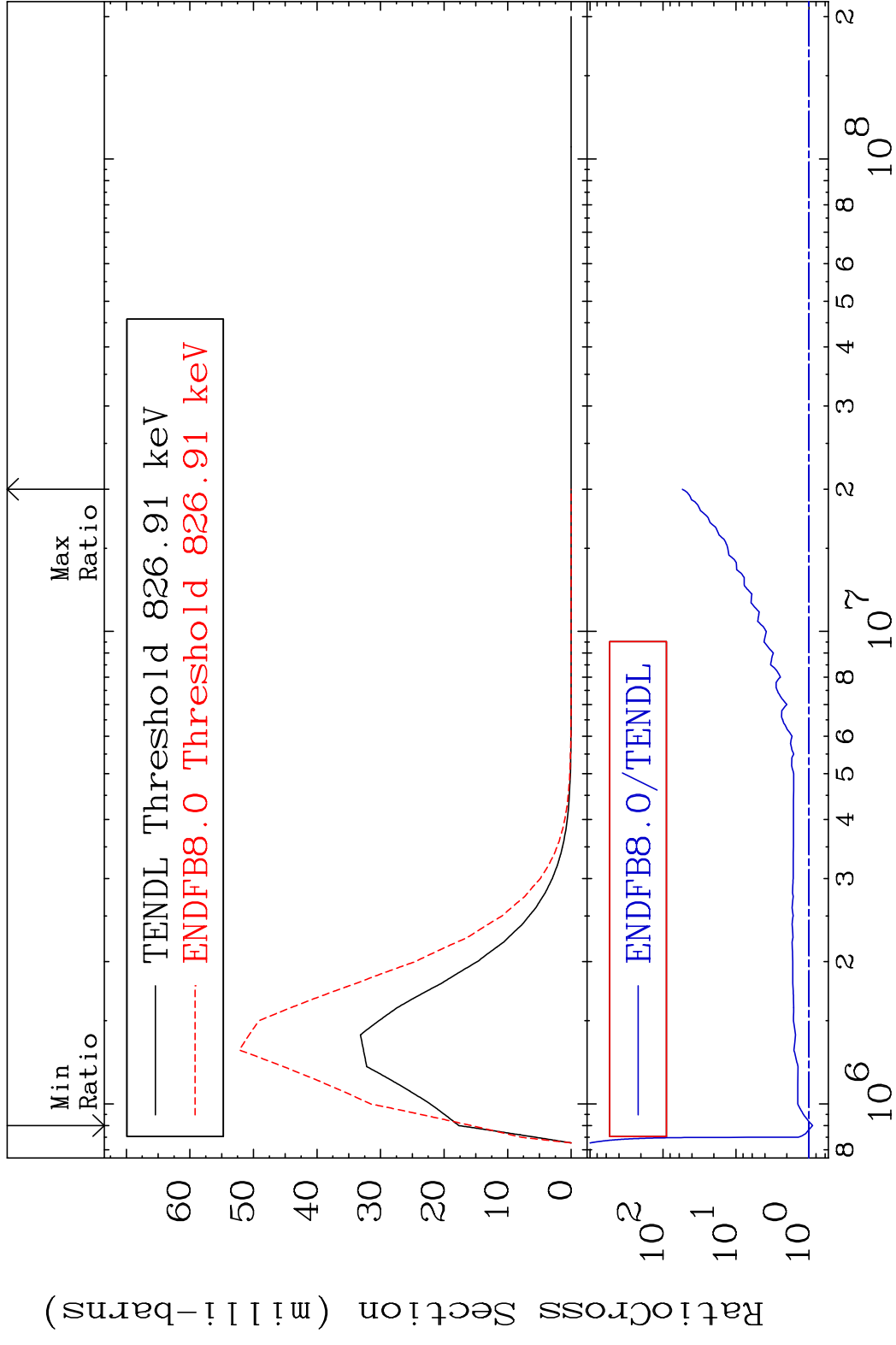


MAT 6846 MT= 74 (n,n') Level 68-Er-169
 Cross Section -100.0 To 1163. %

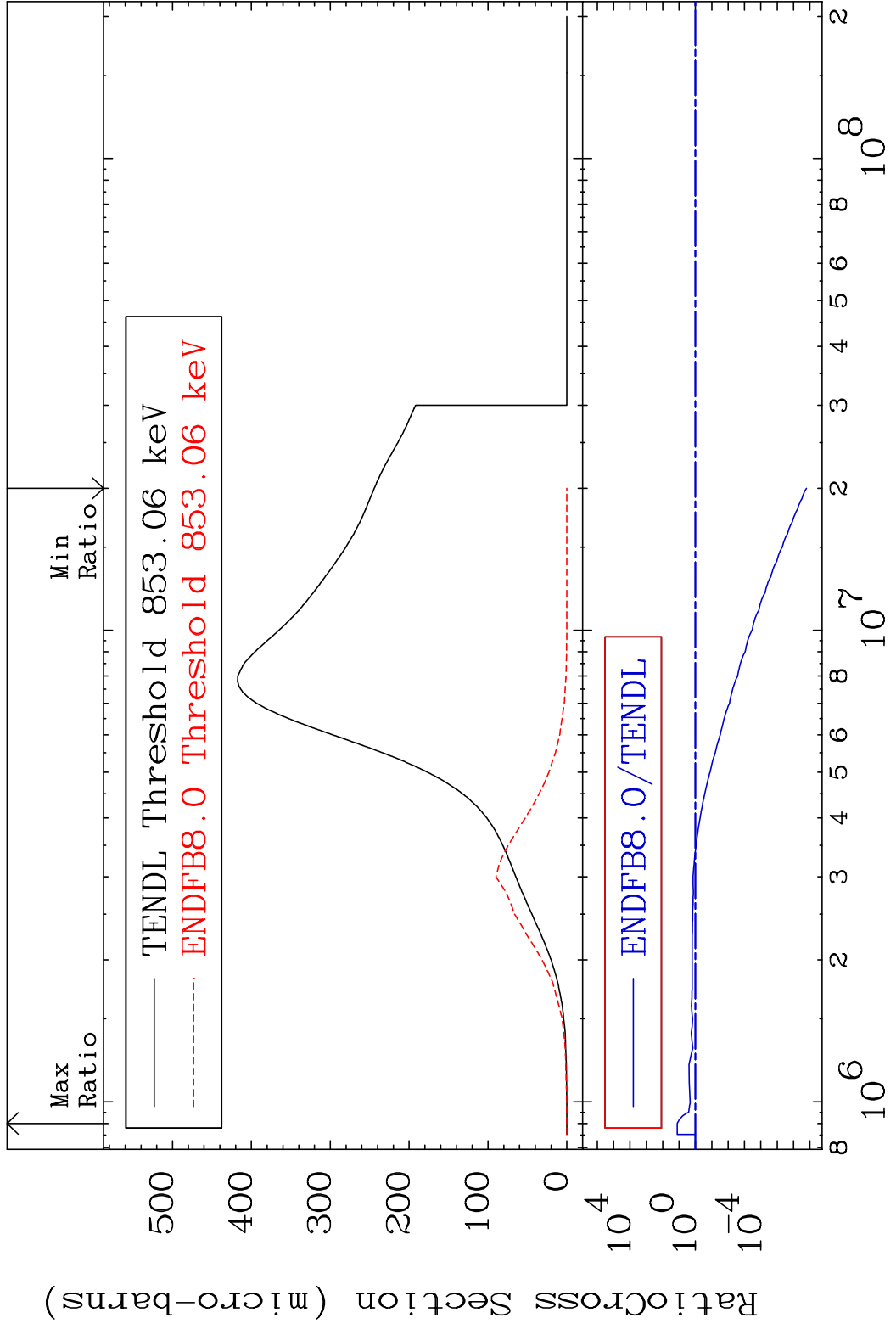


28 Incident Energy (eV) 68-Er-169

MAT 6846 MT= 75 (n, n') Level 68-Er-169
 Cross Section -11.02 To 5314. %

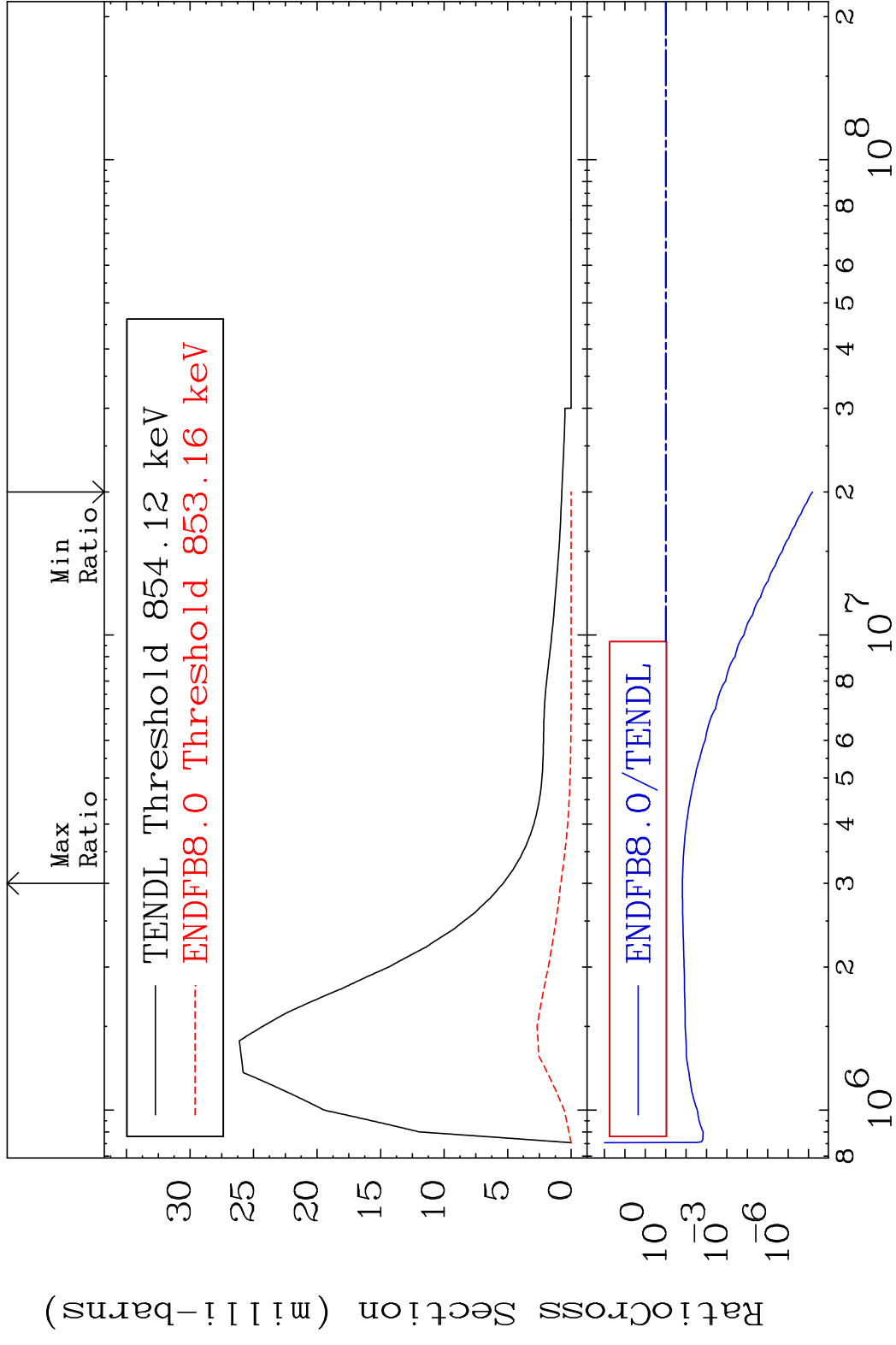


MAT 6846 MT= 76 (n, n') Level 68-Er-169
 Cross Section -100.0 To 1200. %

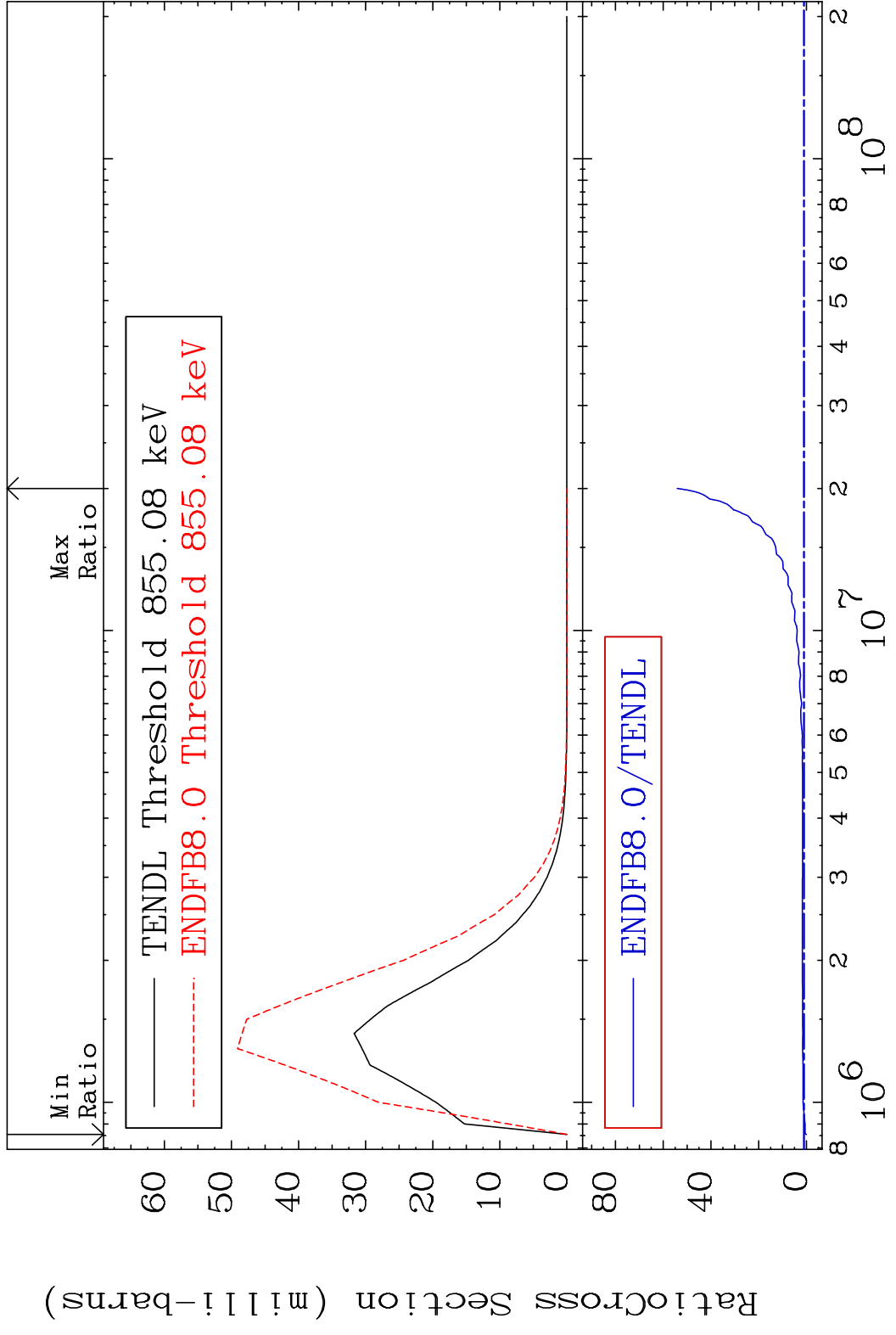


30 Incident Energy (eV) 68-Er-169

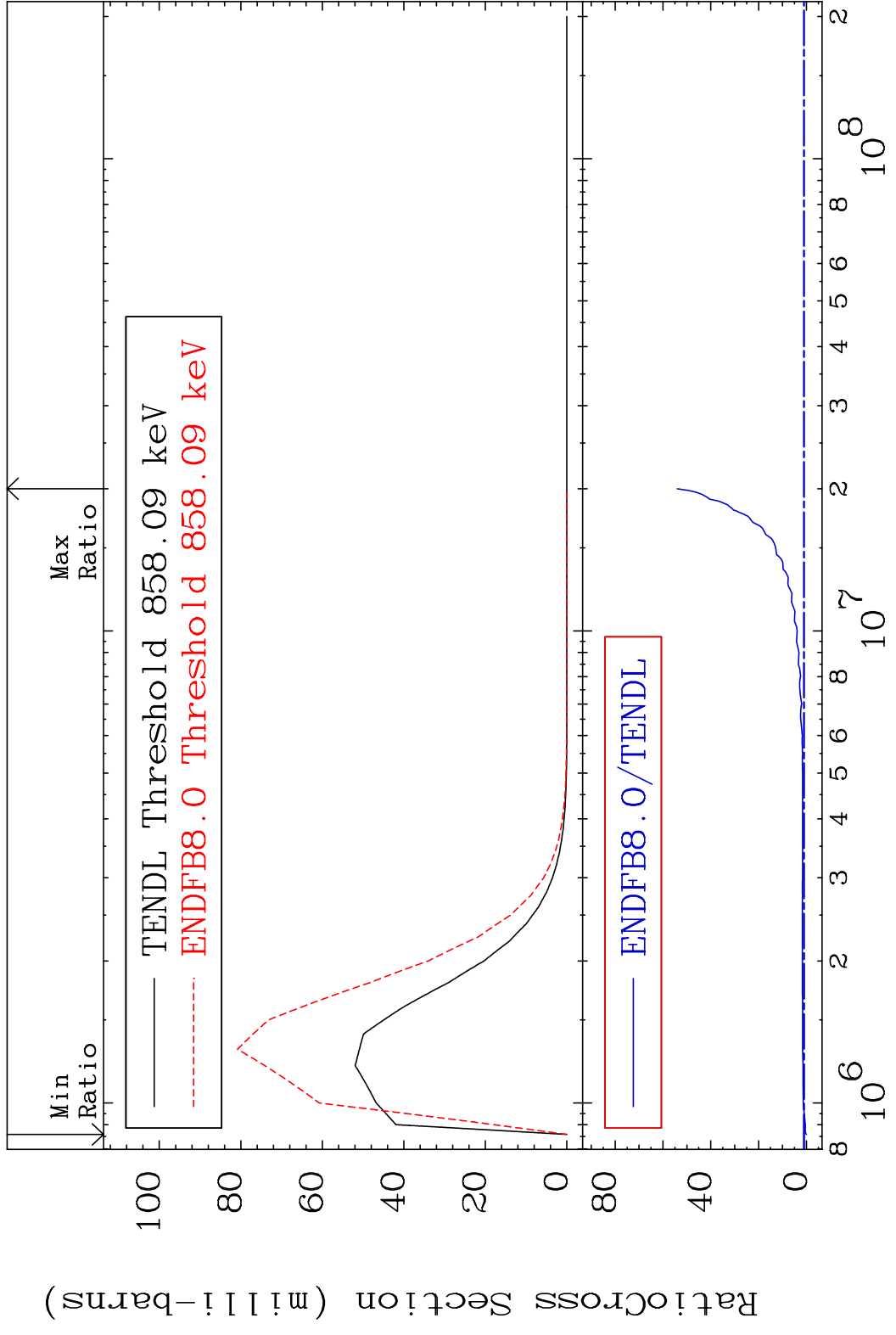
MAT 6846 MT= 77 (n, n') Level 68-Er-169
 Cross Section -100.0 To -84.76%



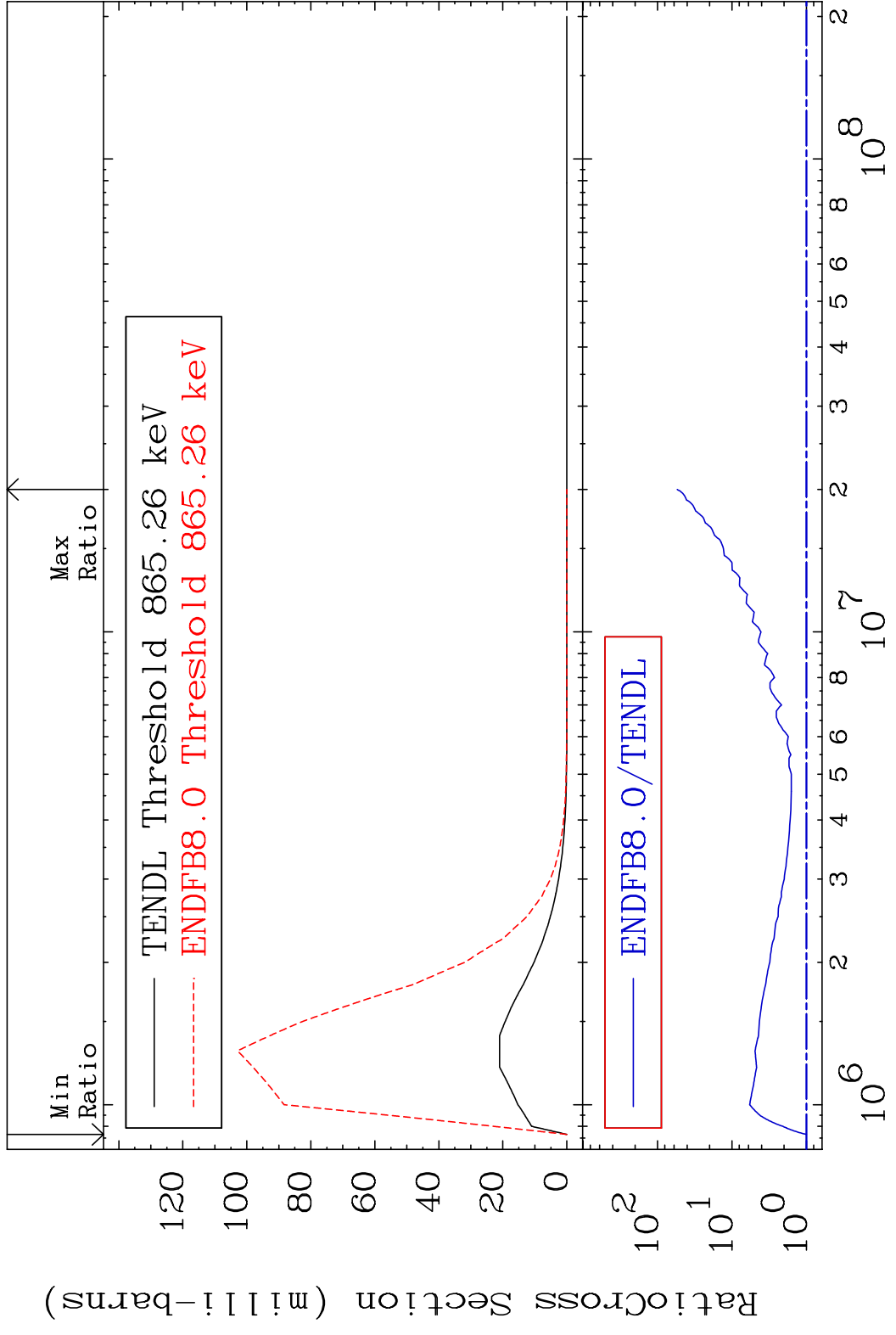
MAT 6846 MT= 78 (n, n') Level 68-Er-169
 Cross Section -100.0 To 5314. %



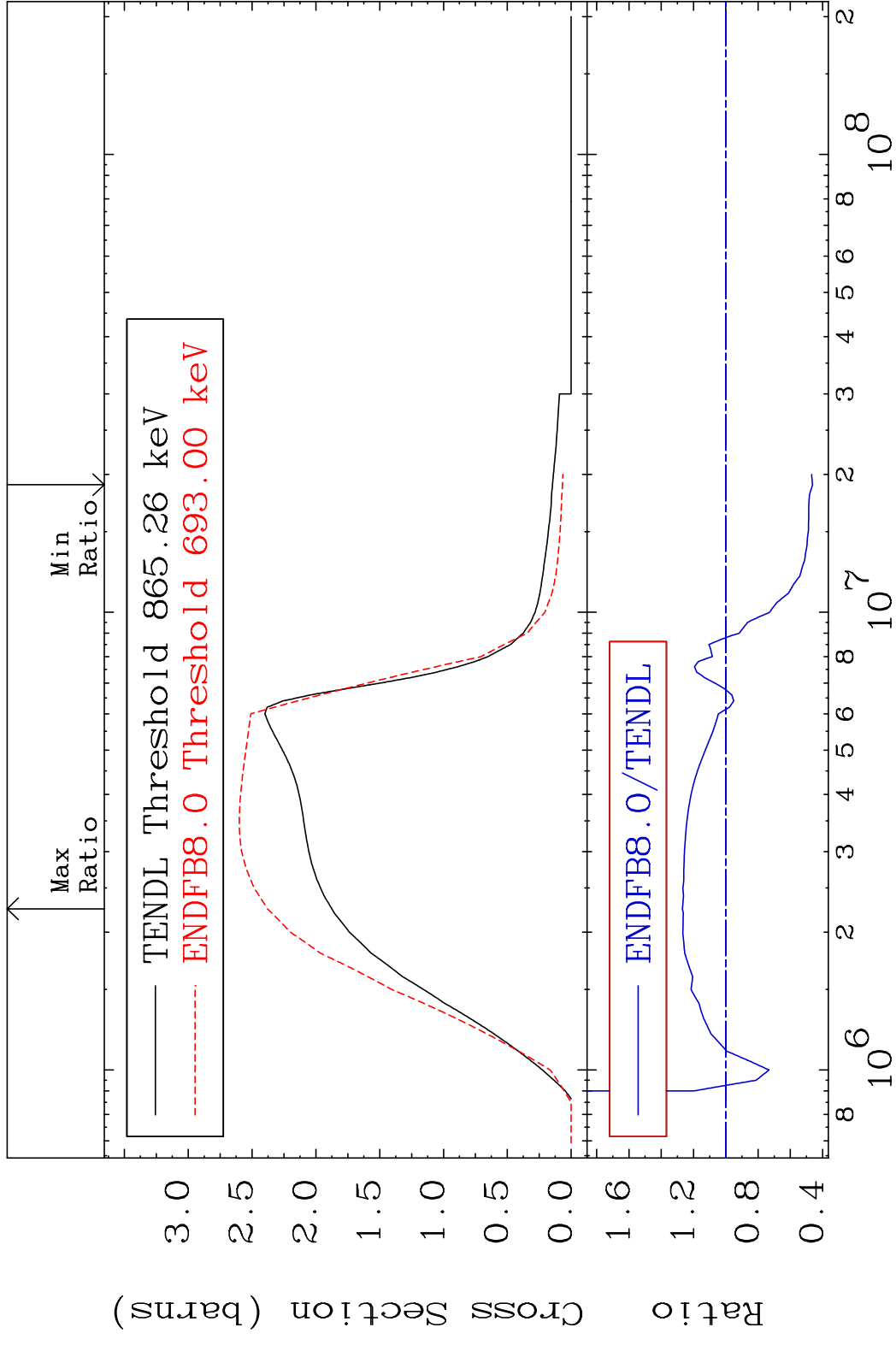
MAT 6846 MT= 79 (n, n') Level 68-Er-169
 Cross Section -100.0 To 5305. %



MAT 6846 MT= 80 (n, n') Level 68-Er-169
 Cross Section 0.000 To 5339. %



MAT 6846 (n, n') Continuum 68-Er-169
 Cross Section -53.78 To 26.91 %

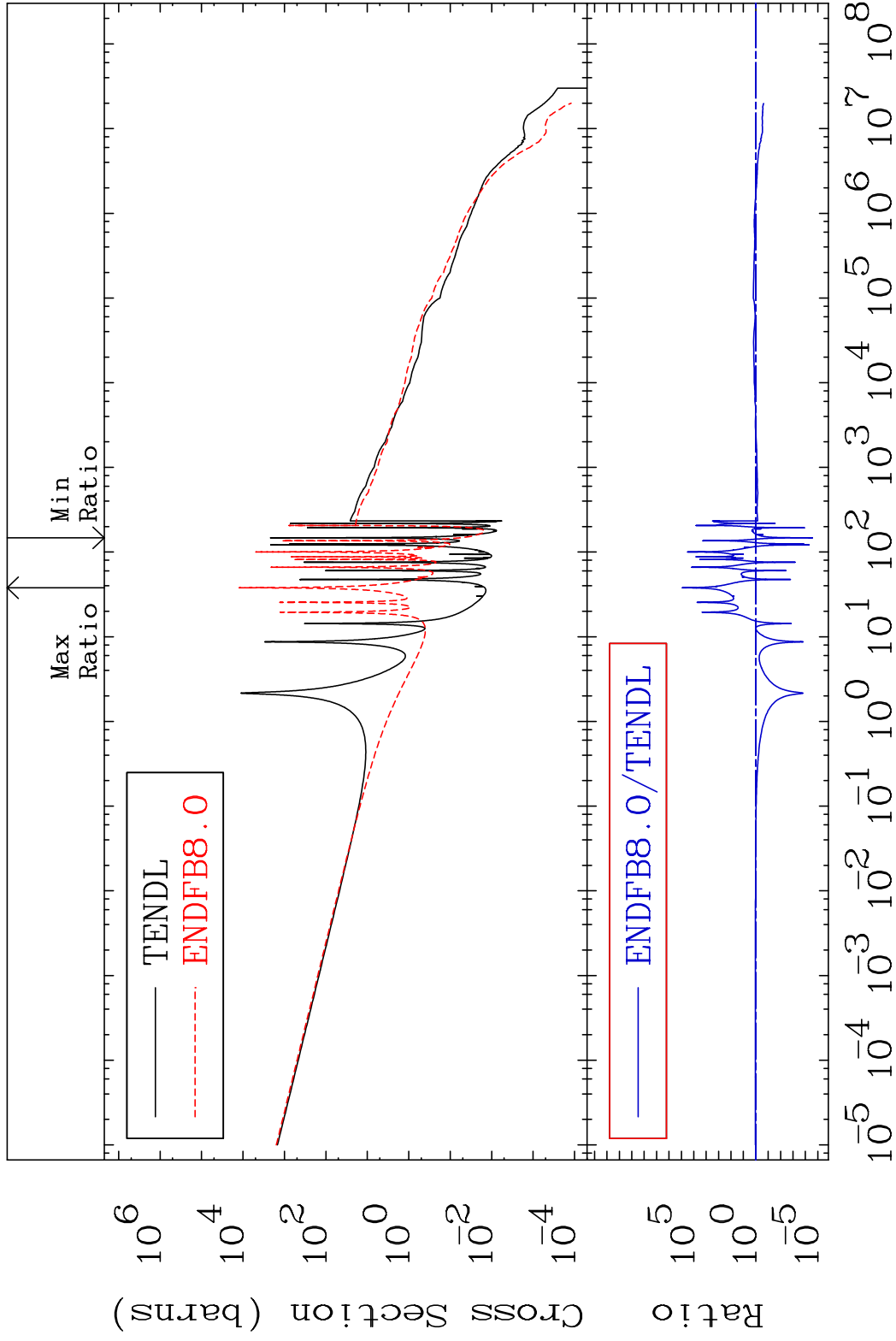


MAT 6846

(n, γ)

68-Er-169

Cross Section -100.0 To 9999. %



36

Incident Energy (eV)

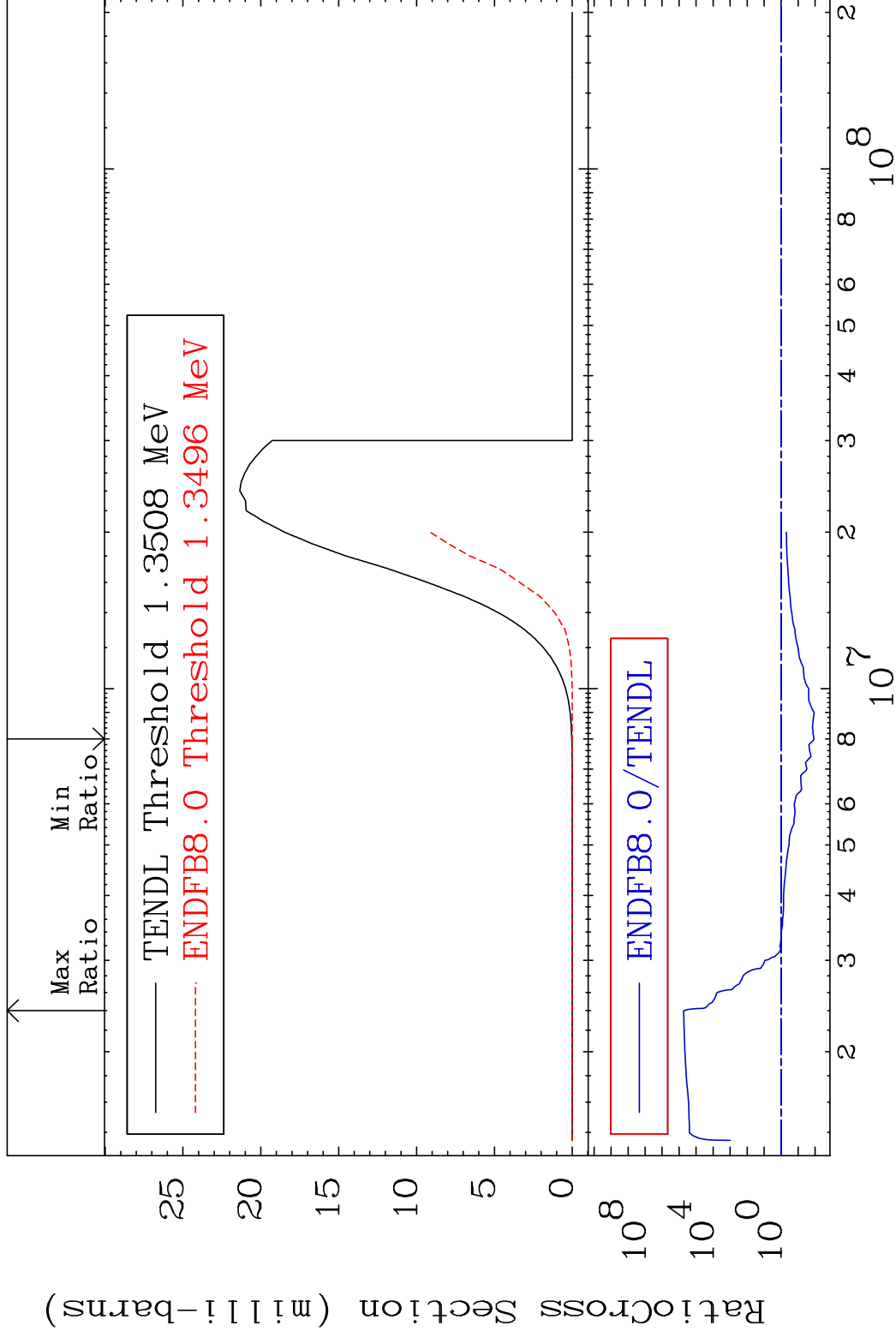
68-Er-169

MAT 6846

(n,p)

68-Er-169

Cross Section -98.85 To 9999. %



37

Incident Energy (eV)

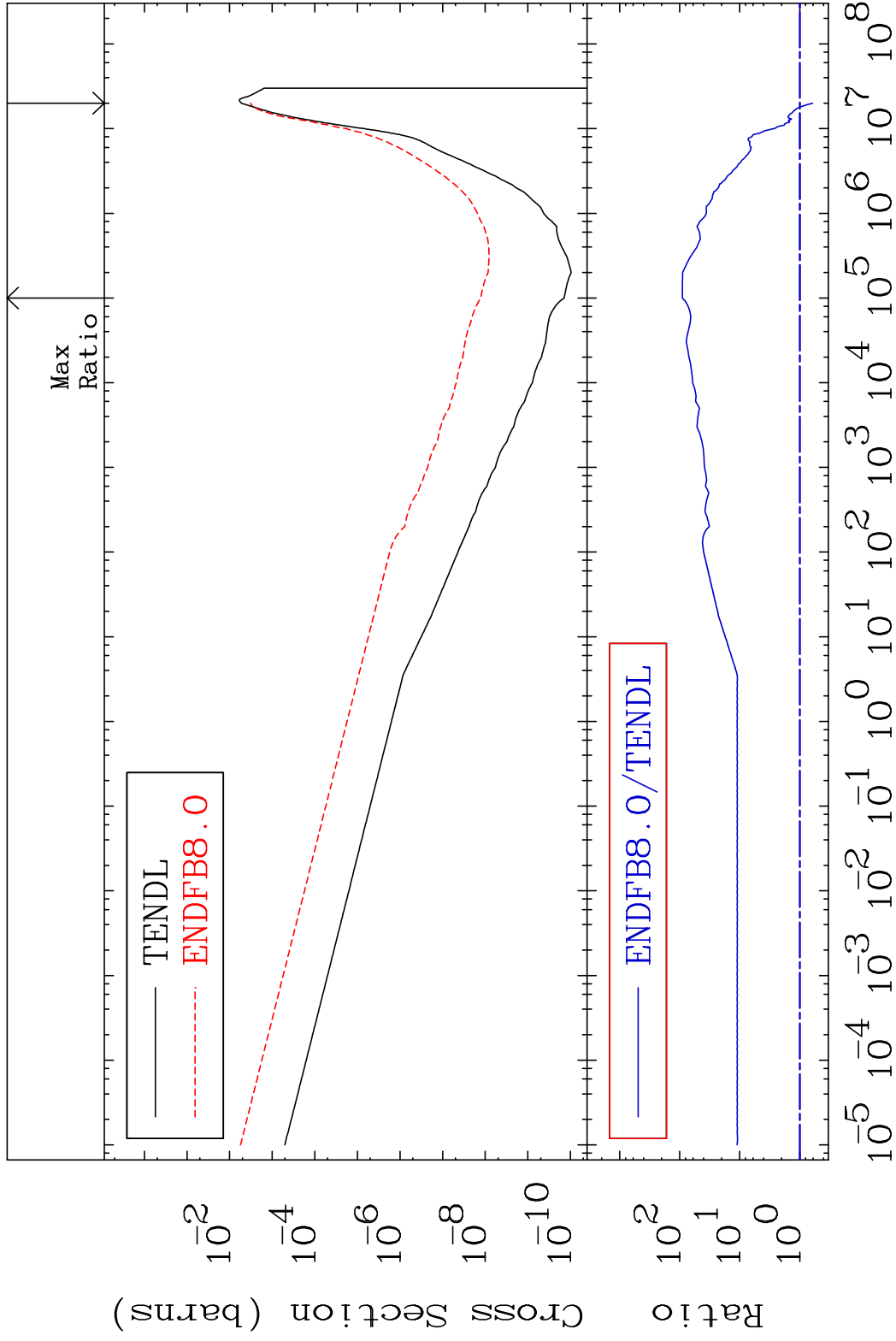
68-Er-169

MAT 6846

(n, α)

68-Er-169

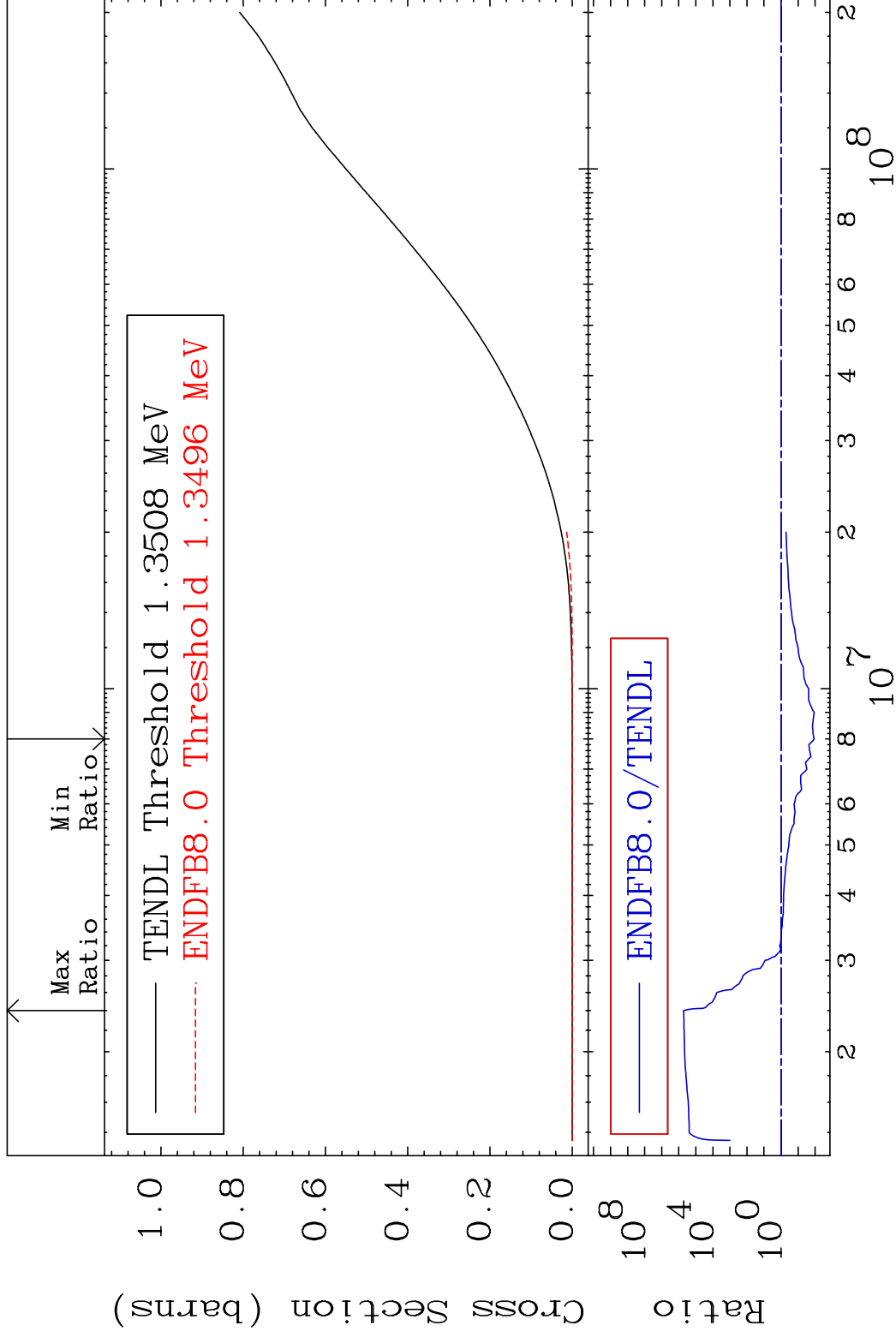
Cross Section -38.89 To 8937. %



38

Incident Energy (eV)

68-Er-169

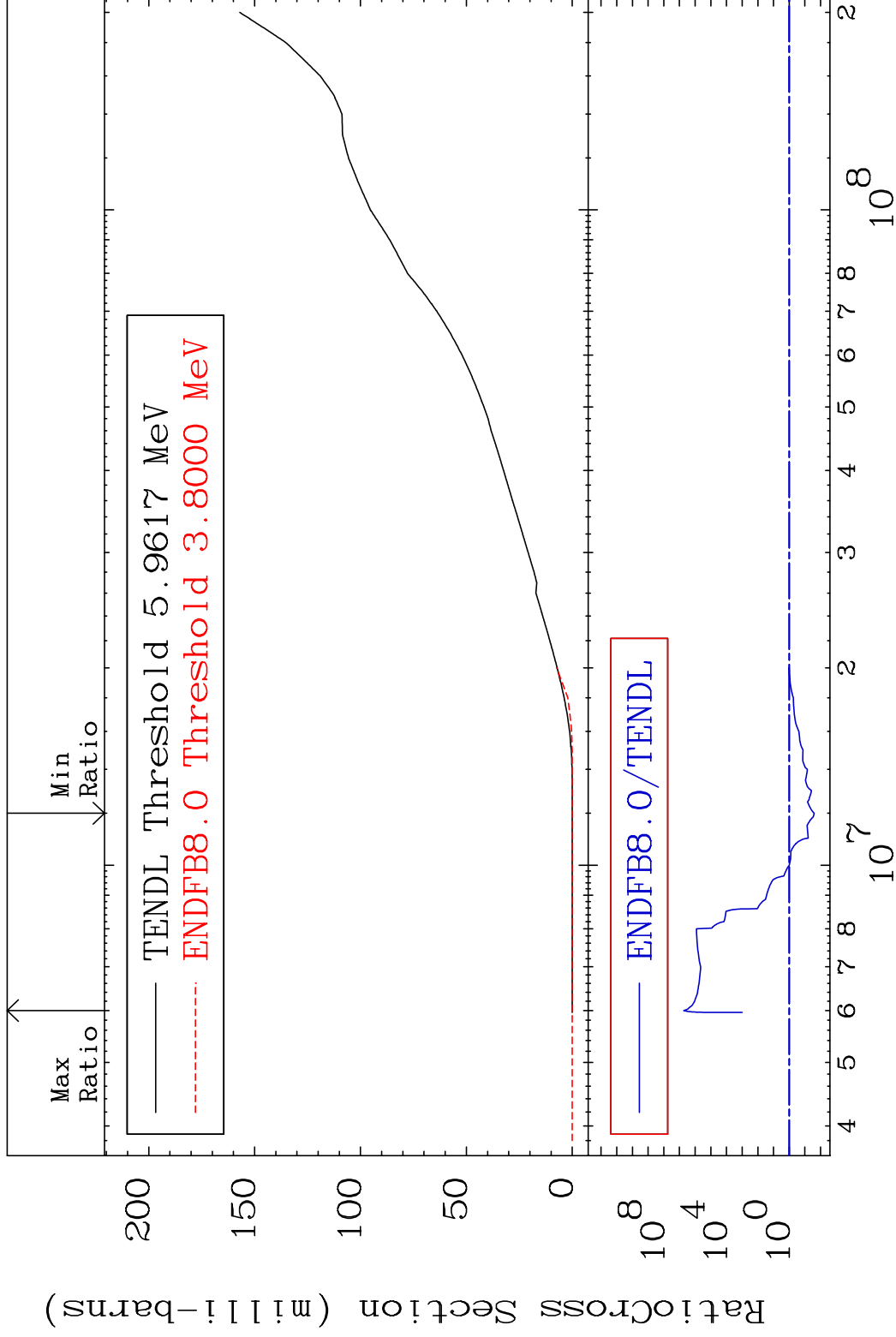


MAT 6846

Deuterium Production

68-Er-169

Cross Section -97.42 To 9999. %



40

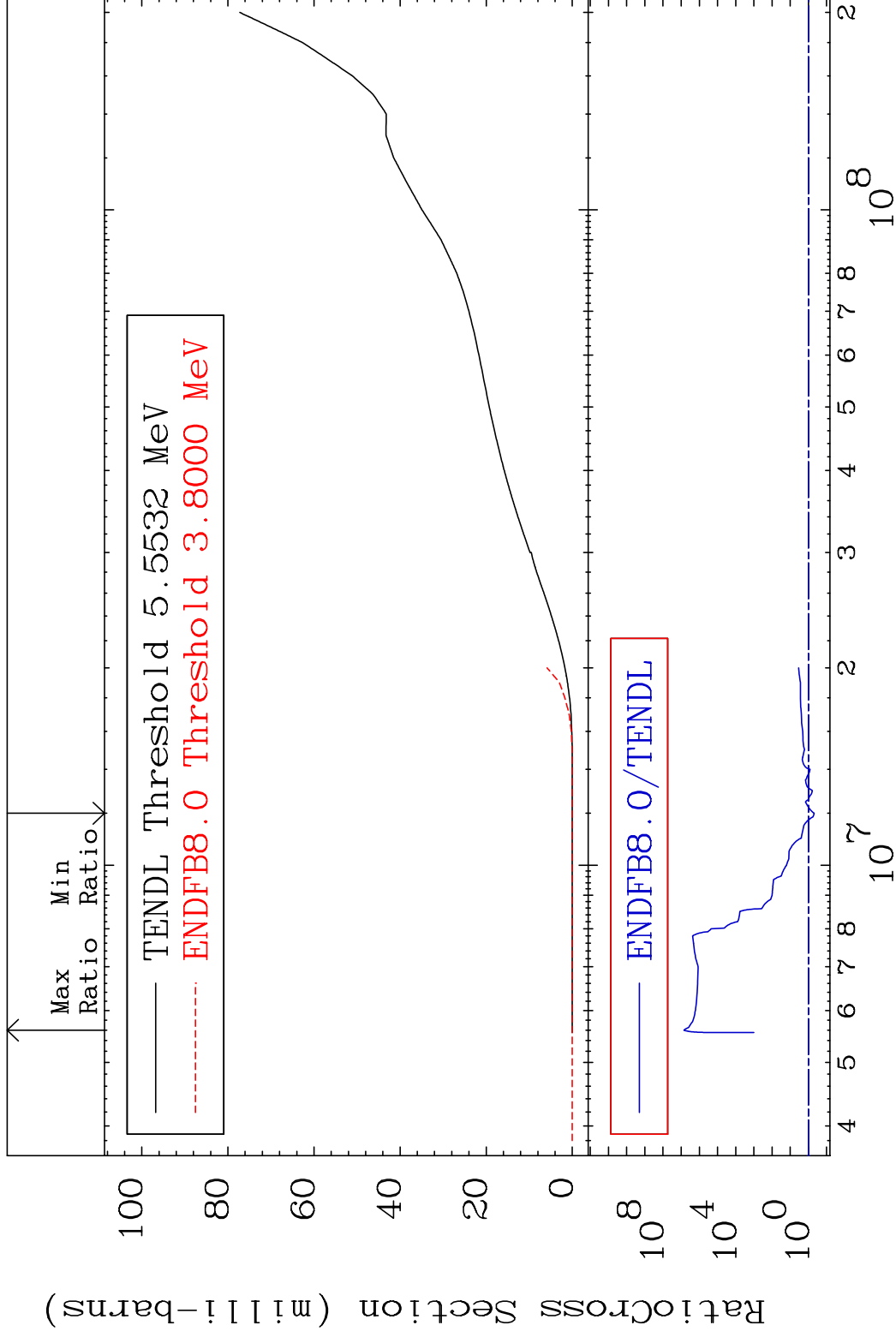
Incident Energy (eV)

68-Er-169

MAT 6846

Tritium Production 68-Er-169

Cross Section -51.52 To 9999. %

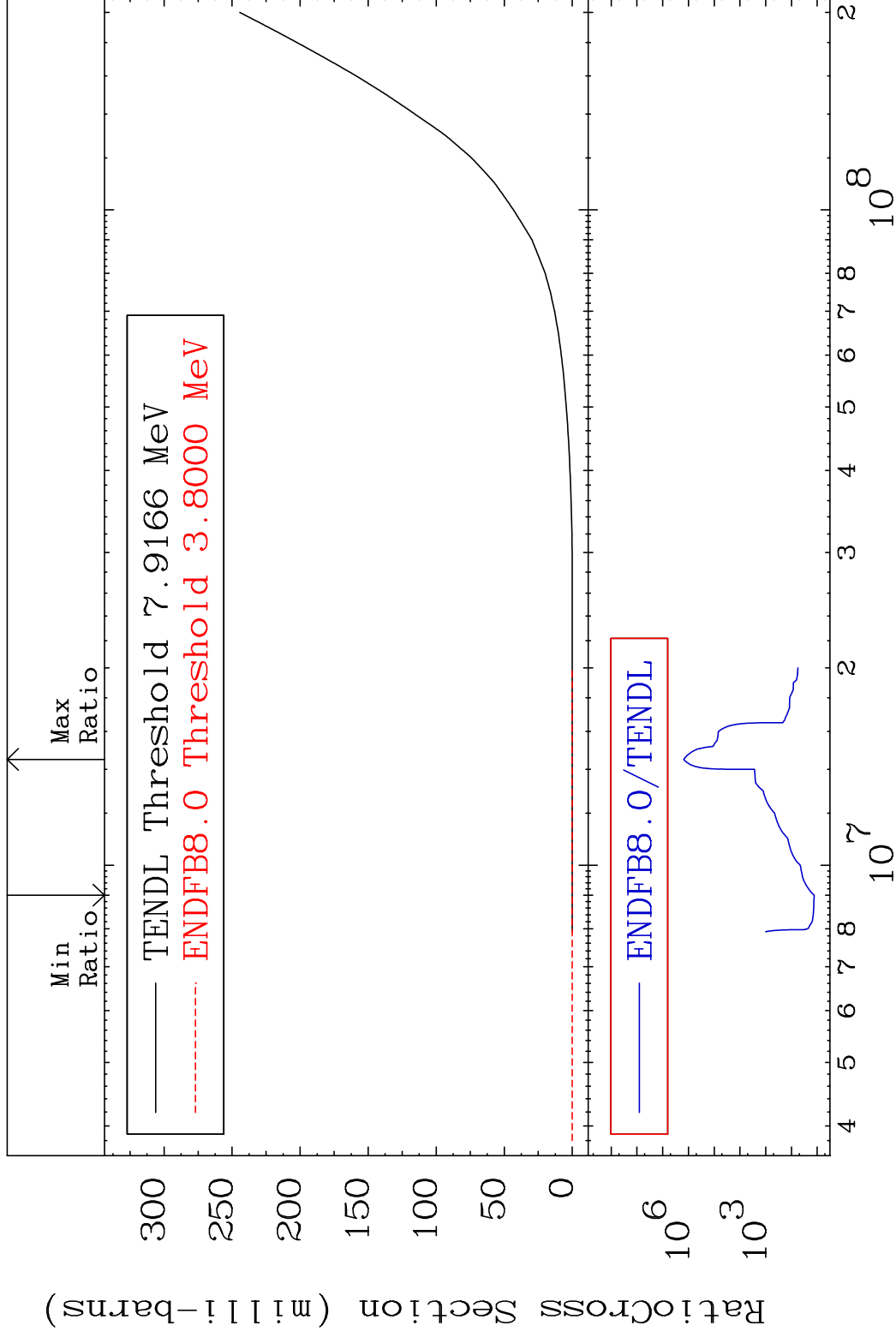


MAT 6846

He-3 Production

68-Er-169

Cross Section 1218. To 9999. %



42

Incident Energy (eV)

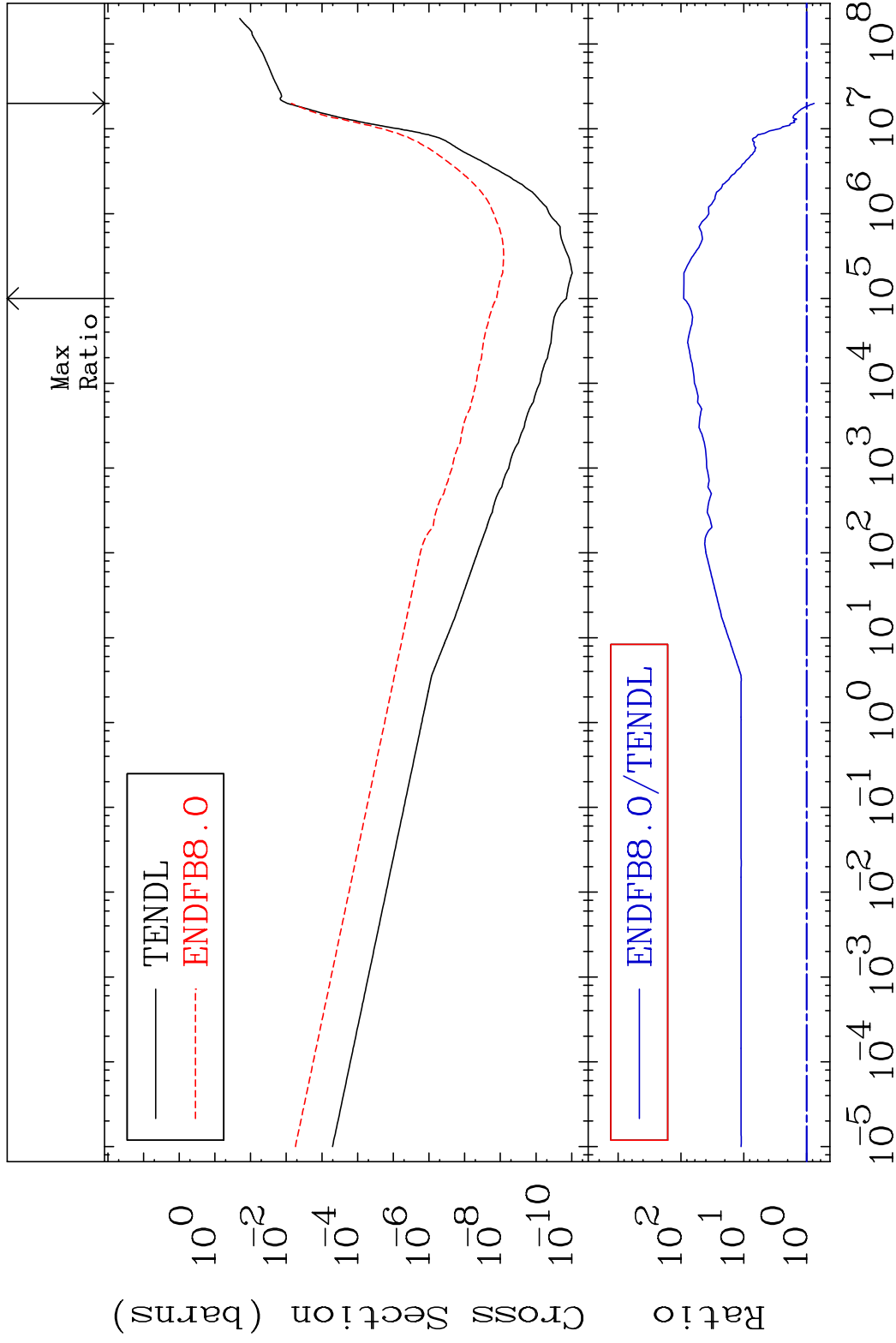
68-Er-169

MAT 6846

He-4 Production

68-Er-169

Cross Section -24.22 To 8937. %

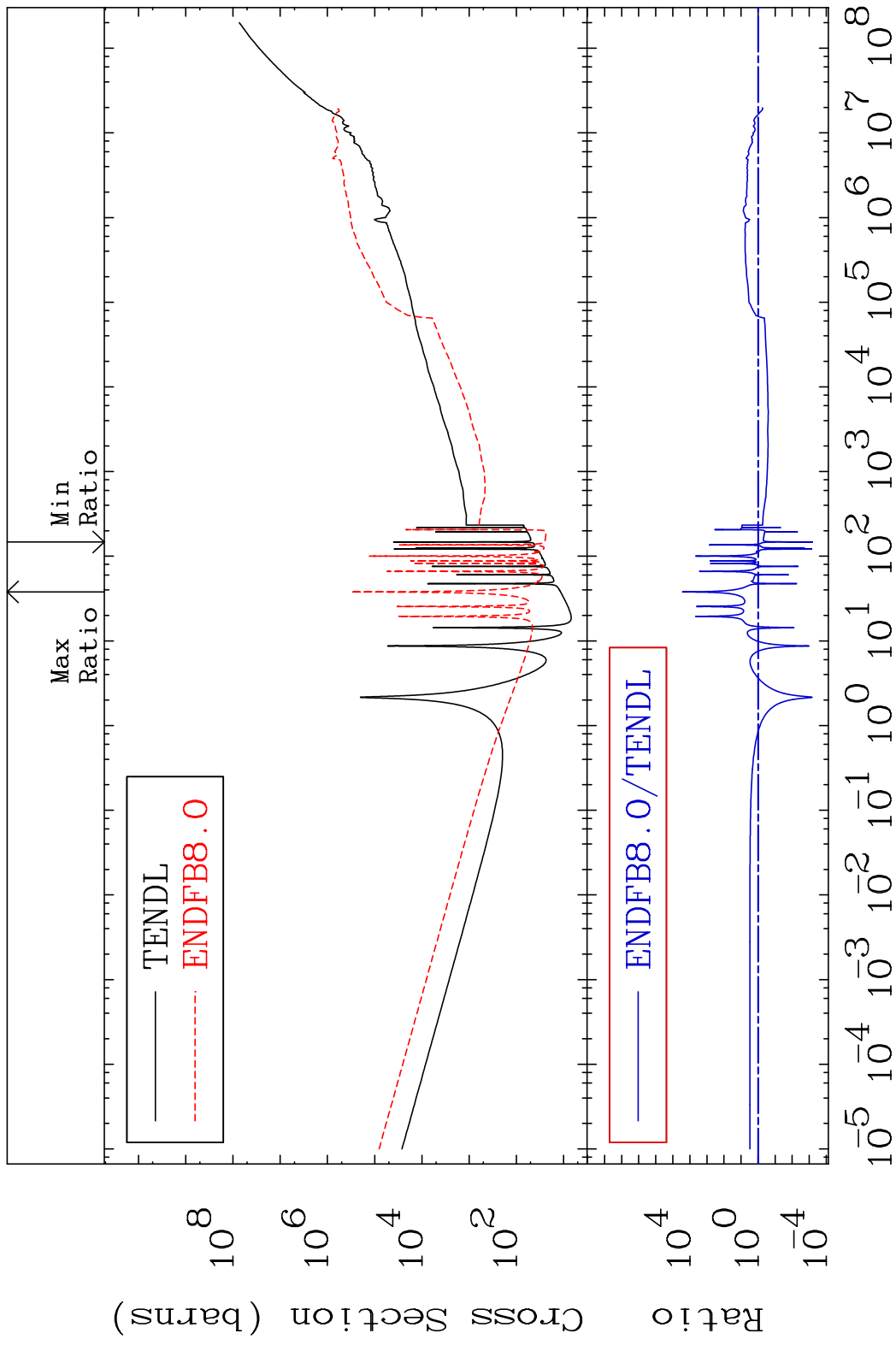


43

Incident Energy (eV)

68-Er-169

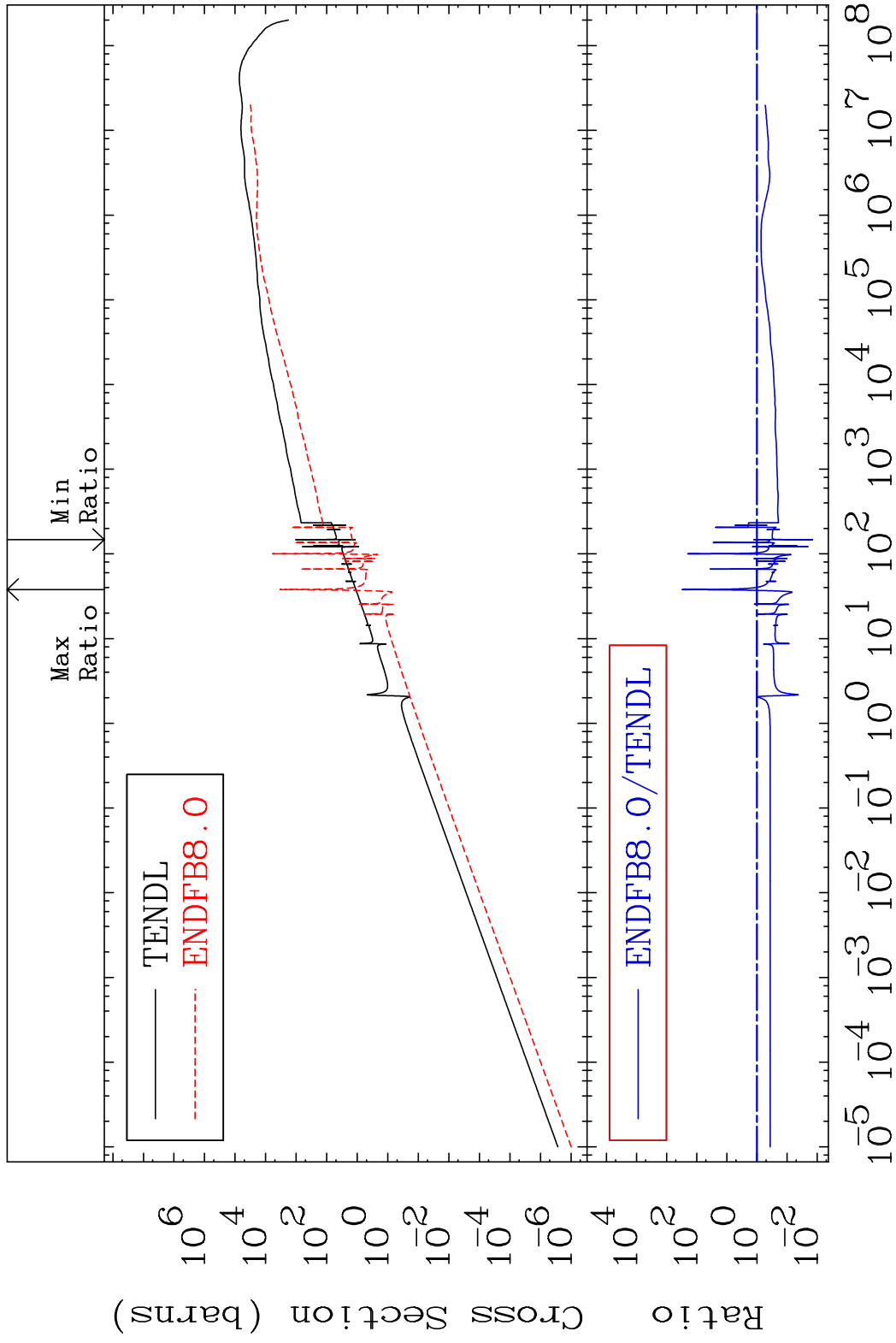
MAT 6846 Kerma total (eV-barns) 68-Er-169
 Cross Section -99.94 To 9999. %



MAT 6846

Kerma elastic
Cross Section

68-Er-169
-98.57 To 9999. %

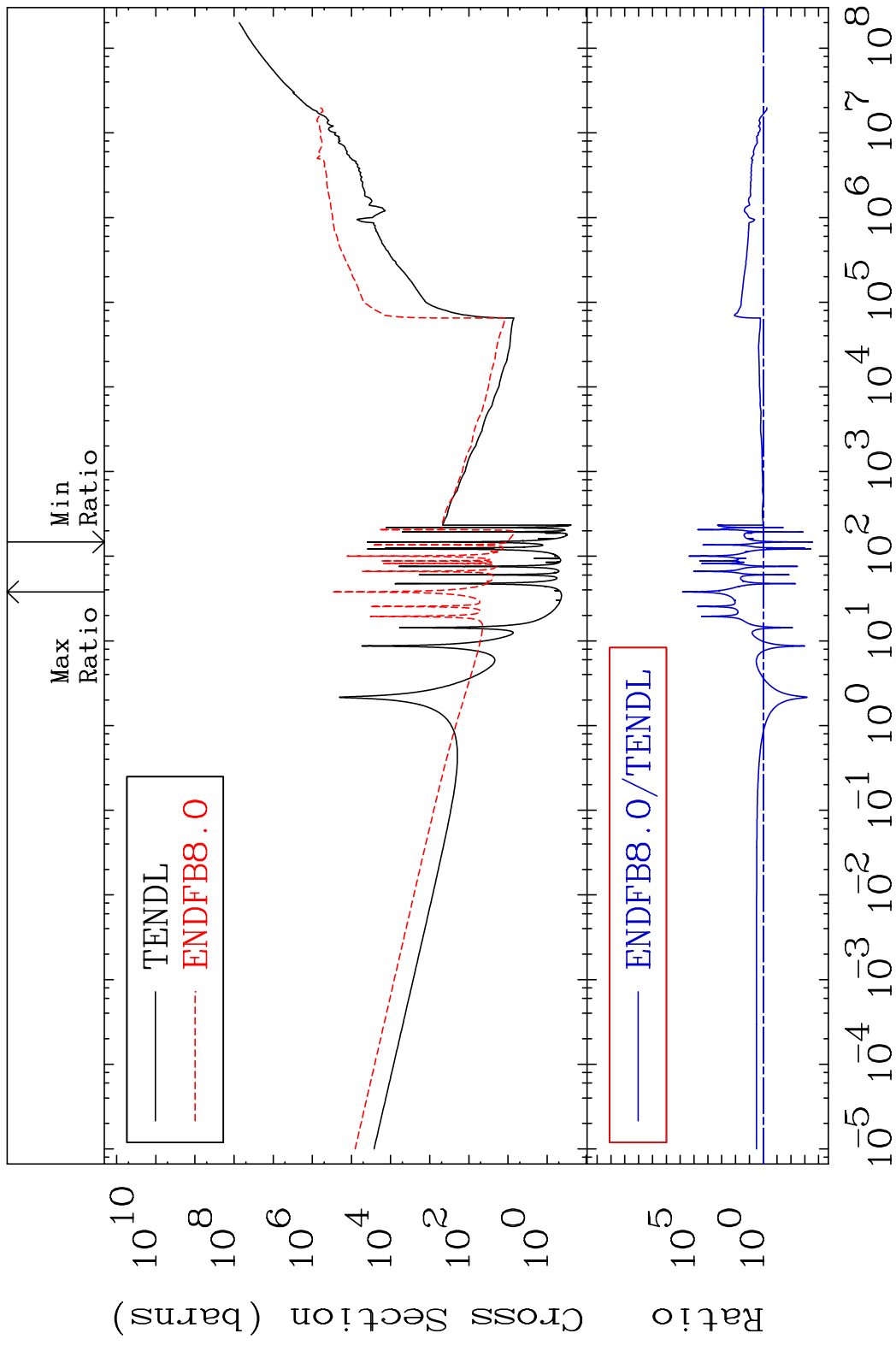


45

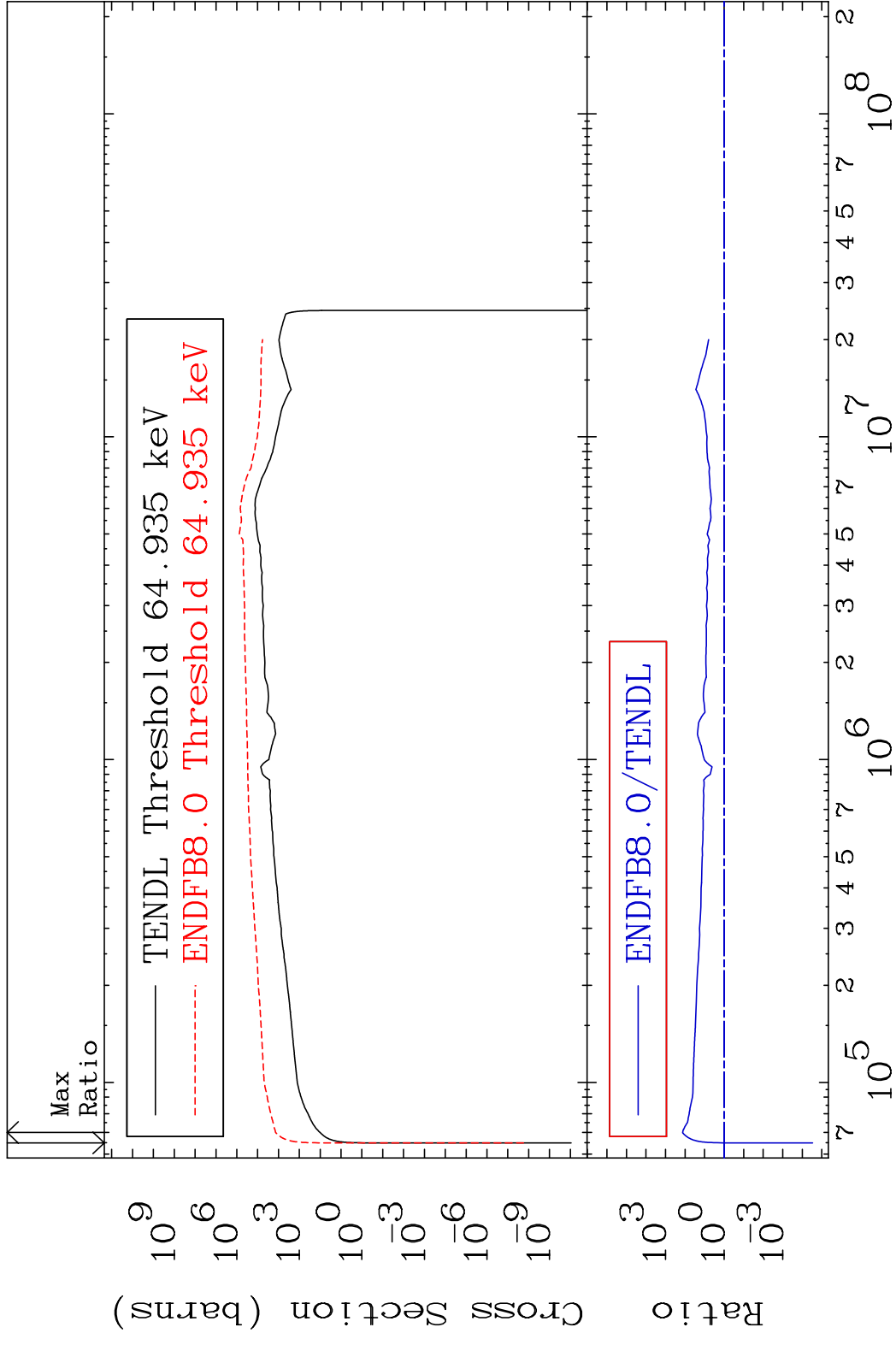
Incident Energy (eV)

68-Er-169

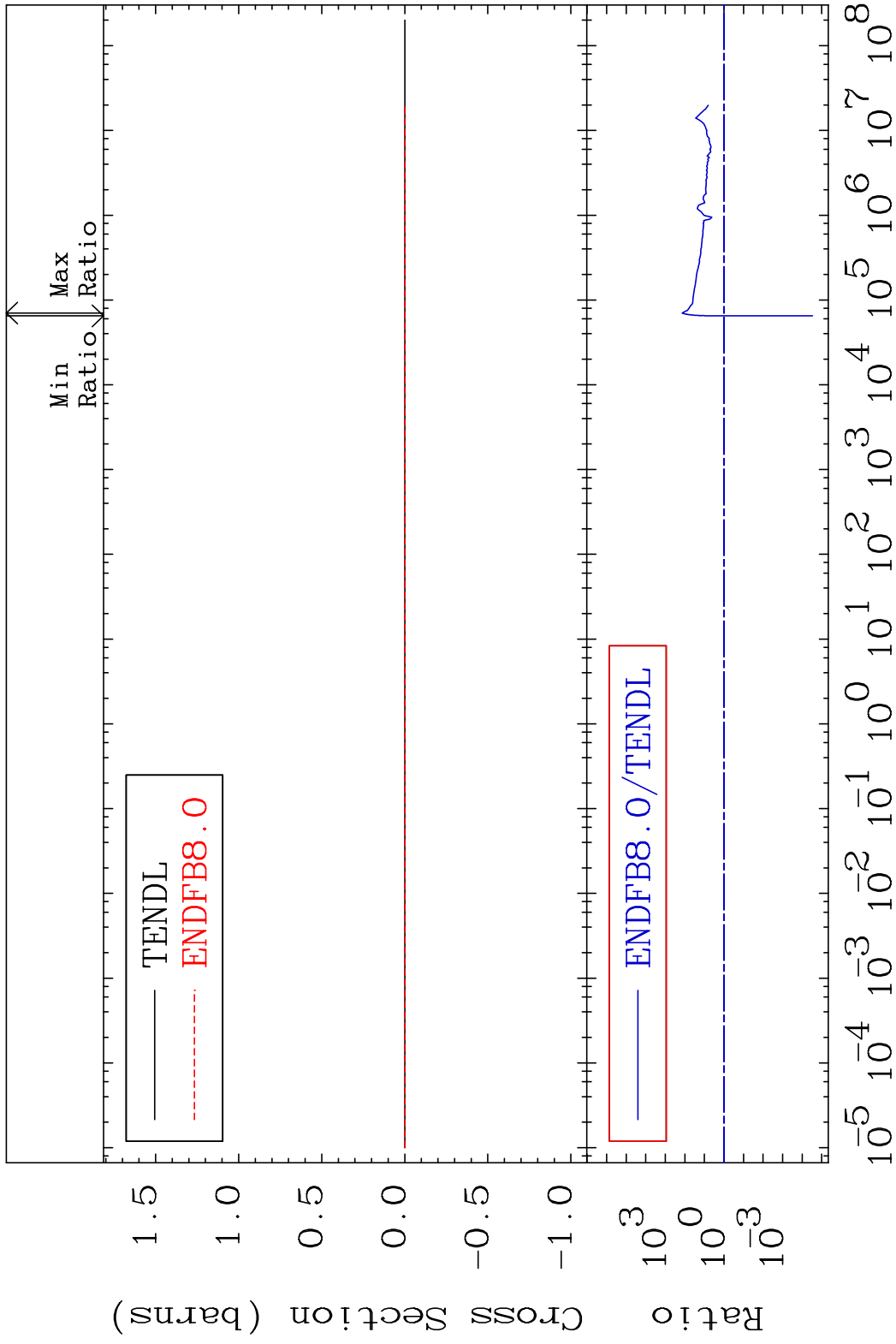
MAT 6846 Kerma non-elastic (all but mt2) 68-Er-169
 Cross Section -99.97 To 9999. %



MAT 6846 Kerma inelastic (mt51-91) 68-Er-169
 Cross Section -100.0 To 9999. %



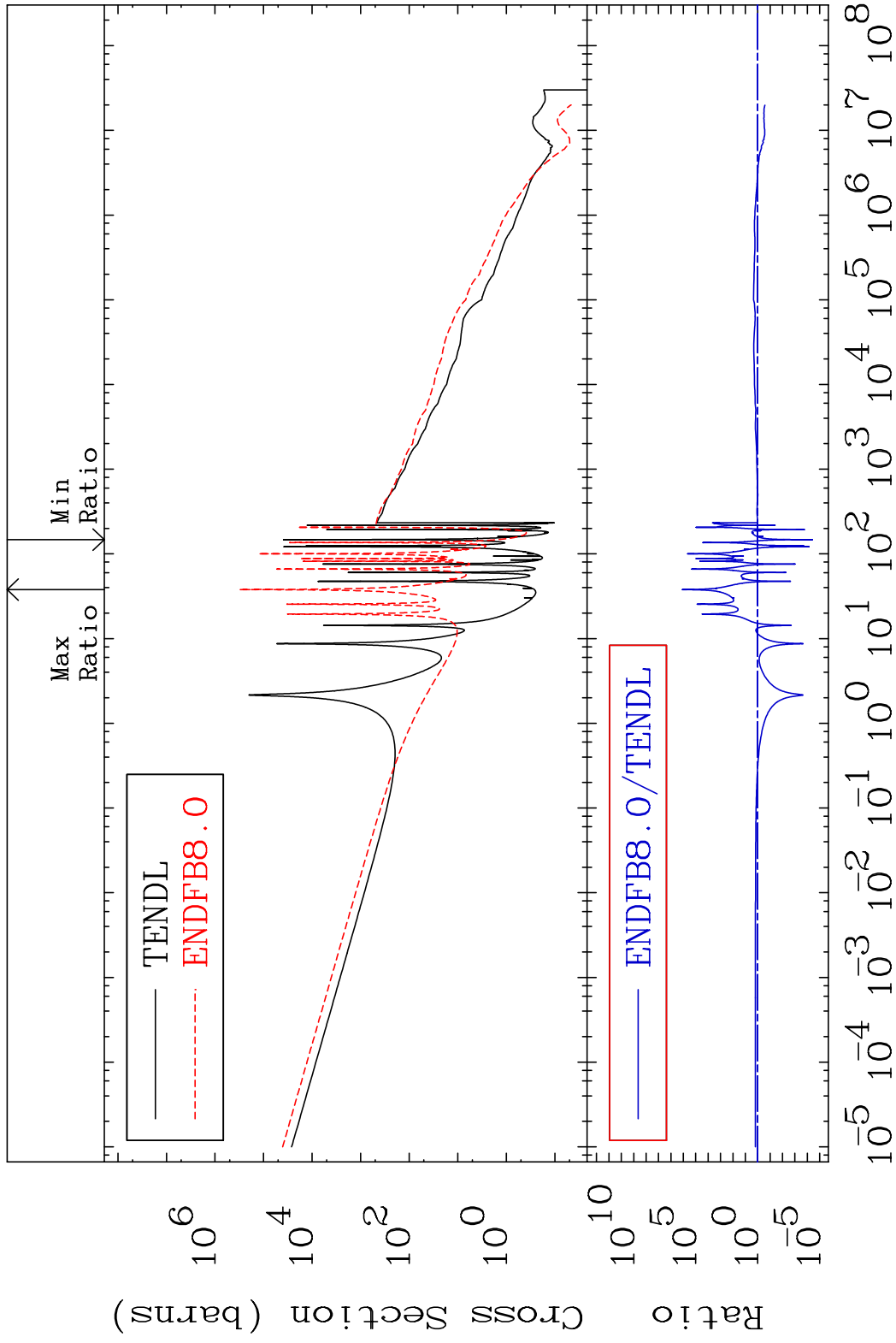
MAT 6846 Kerma fission (mt18 or mt19-20-21-38) 68-Er-169
 Cross Section -100.0 To 9999. %



MAT 6846

Kerma capture (mt102) 68-Er-169

Cross Section -100.0 To 9999. %

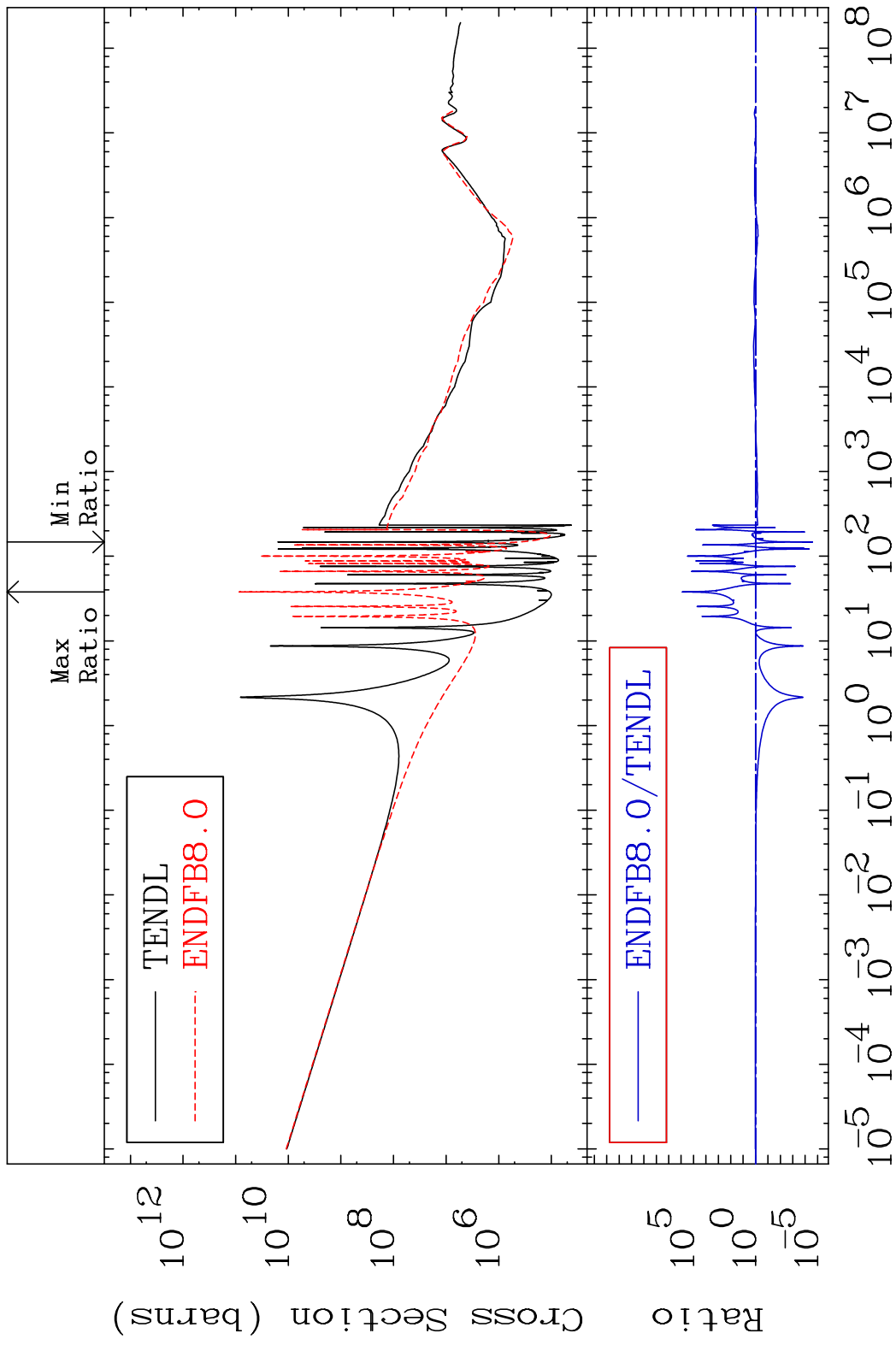


49

Incident Energy (eV)

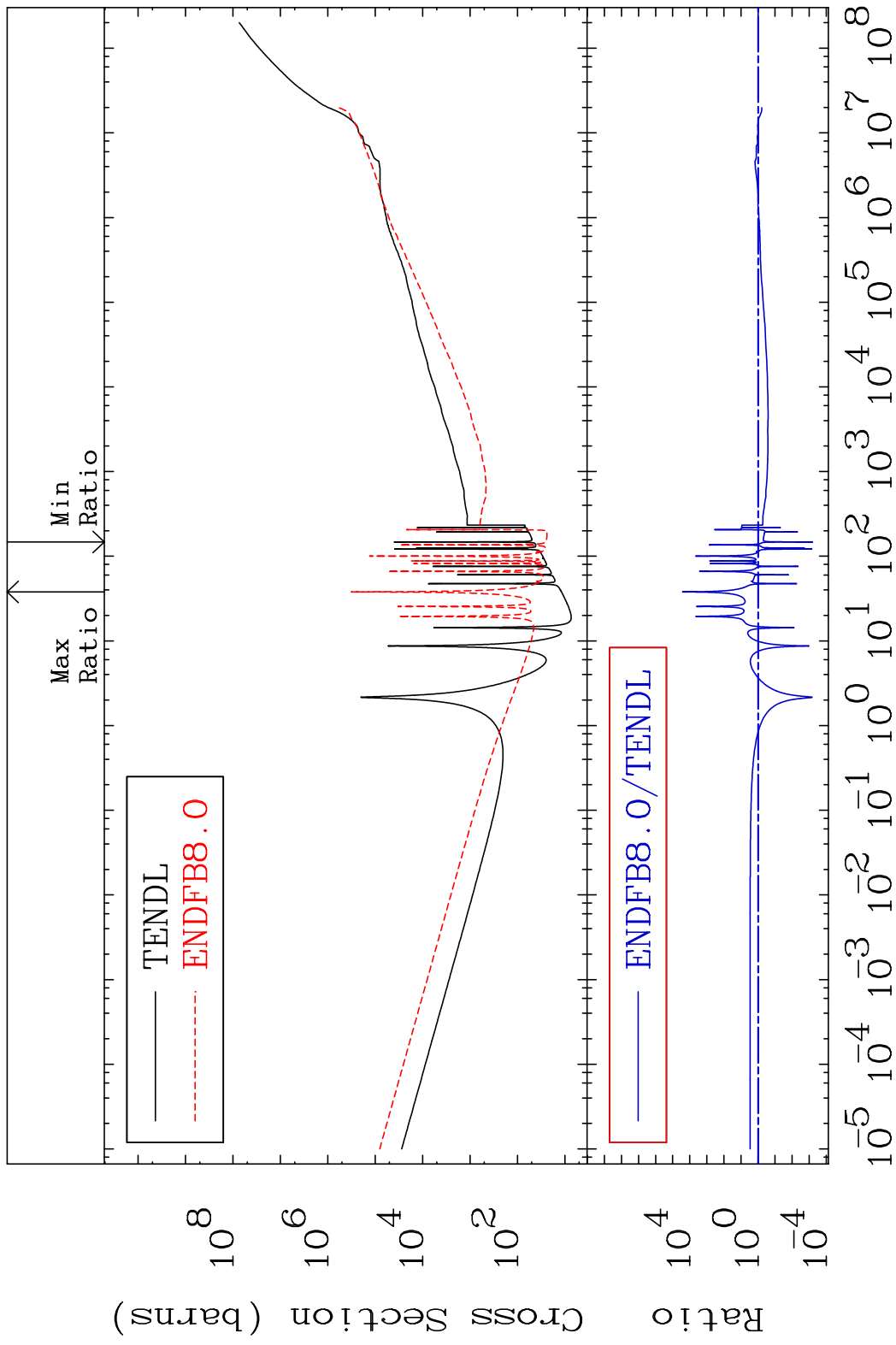
68-Er-169

MAT 6846 Total photon (eV-barns) 68-Er-169
 Cross Section -100.0 To 9999. %

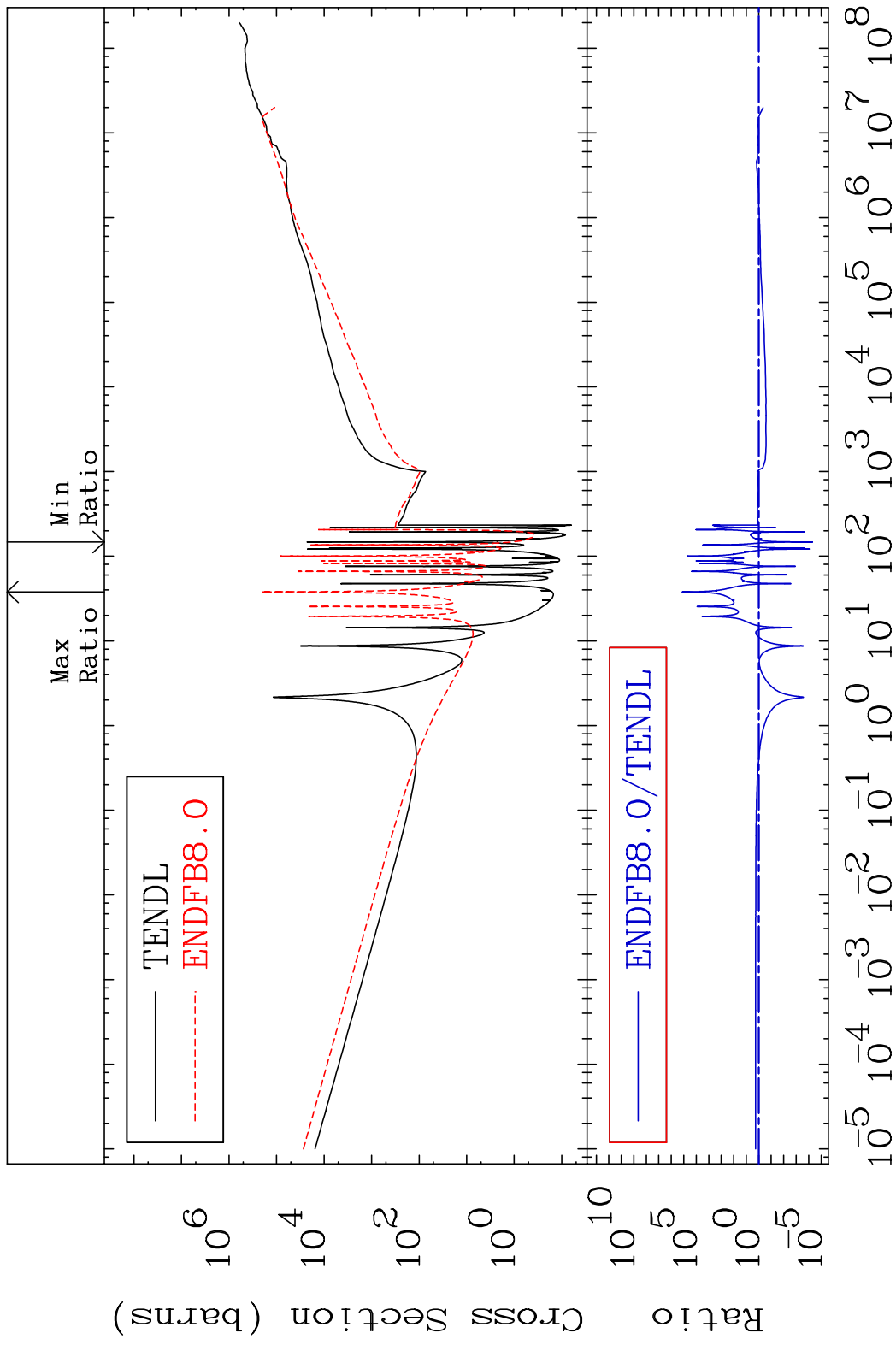


50 Incident Energy (eV) 68-Er-169

MAT 6846 Total kinematic kerma (high limit) 68-Er-169
 Cross Section -99.94 To 9999. %



MAT 6846 Dpa total (eV-barns) 68-Er-169
 Cross Section -100.0 To 9999. %

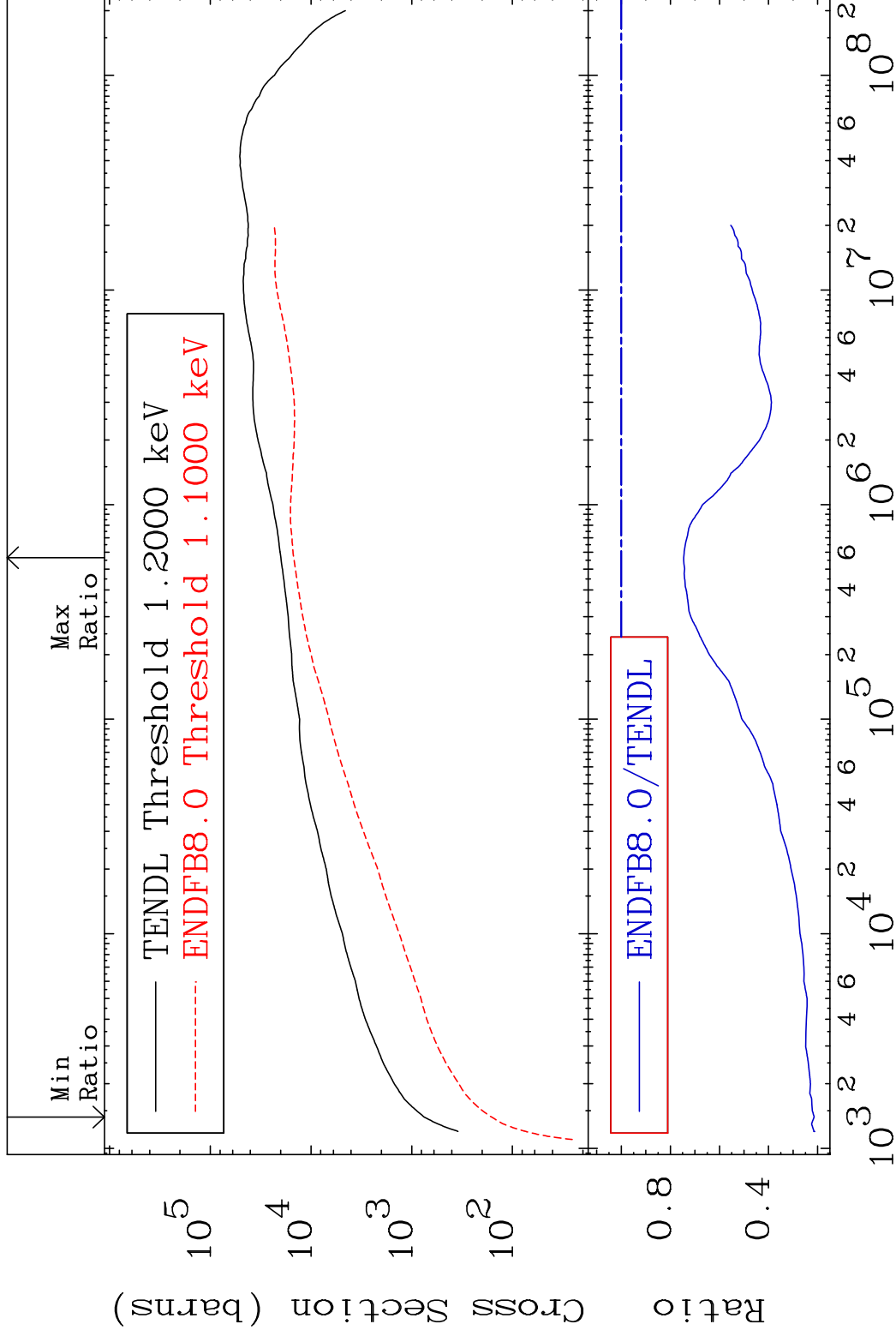


MAT 6846

Dpa elastic (mt2)

68-Er-169

Cross Section -78.55 To -25.41%

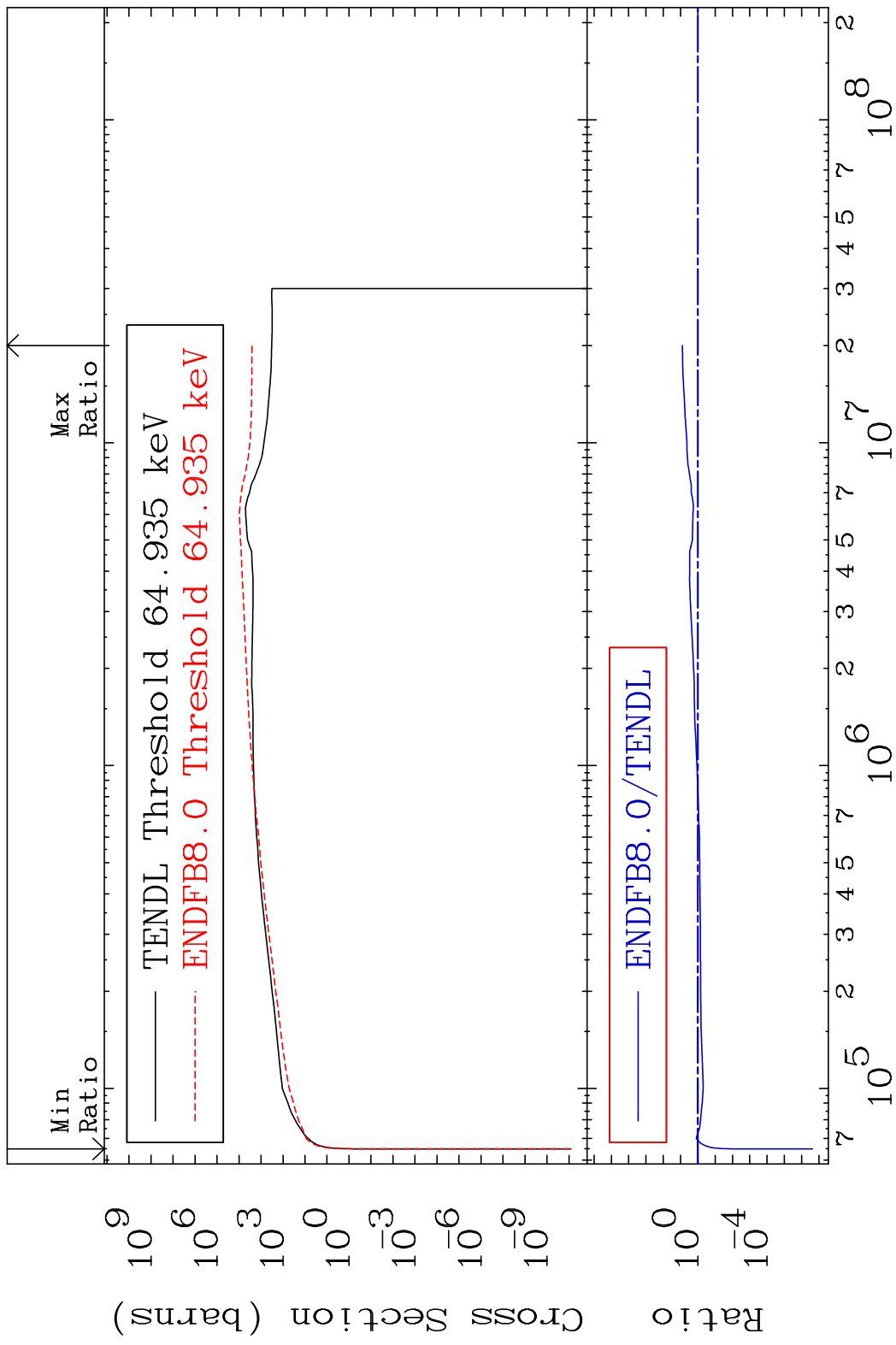


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Incident Energy (eV)

68-Er-169

MAT 6846 Dpa inelastic (mt51-91) 68-Er-169
 Cross Section -100.0 To 687.8 %



MAT 6846 Dpa disappearance (mt102 -120) 68-Er-169
 Cross Section -100.0 To 9999. %

