

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

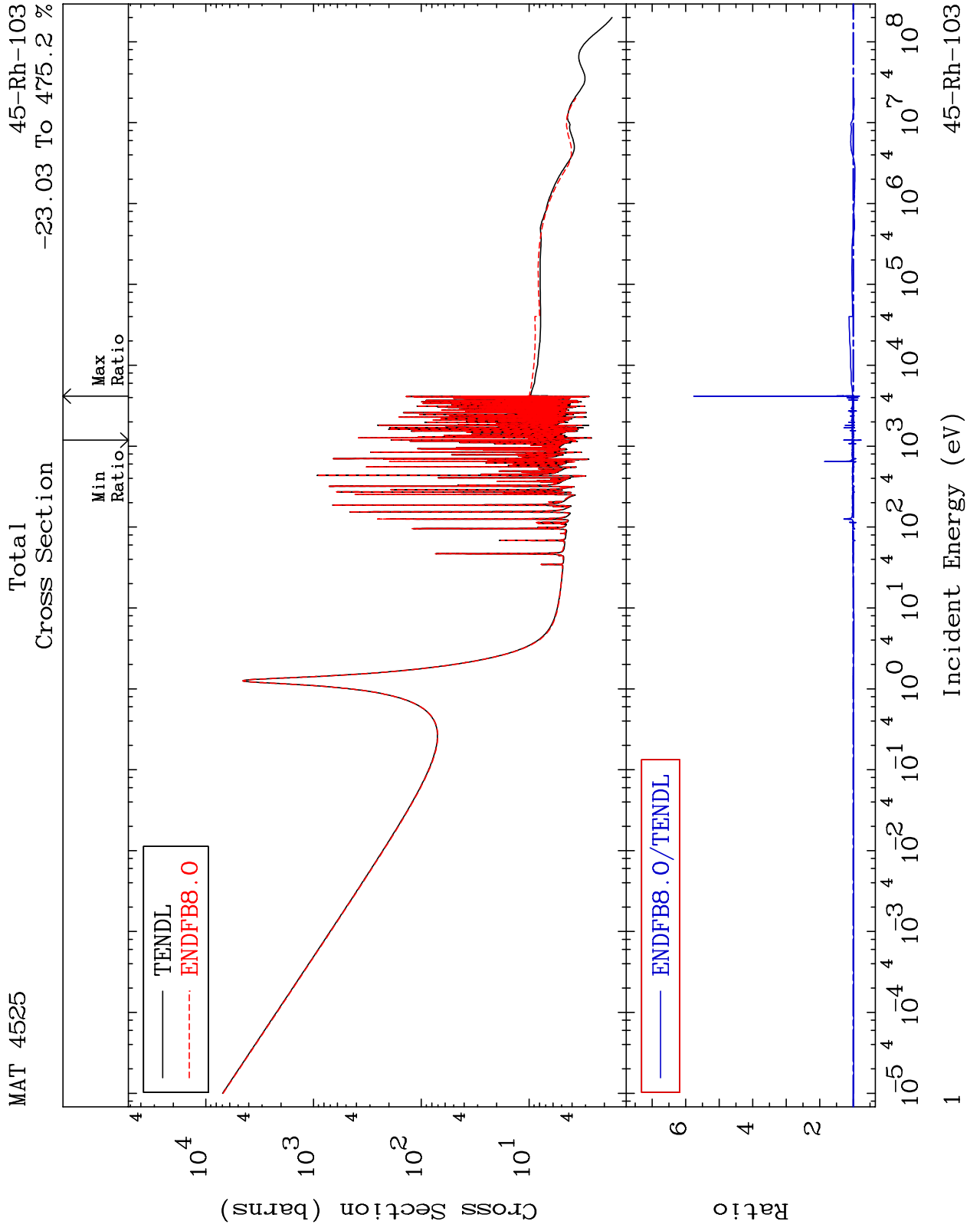
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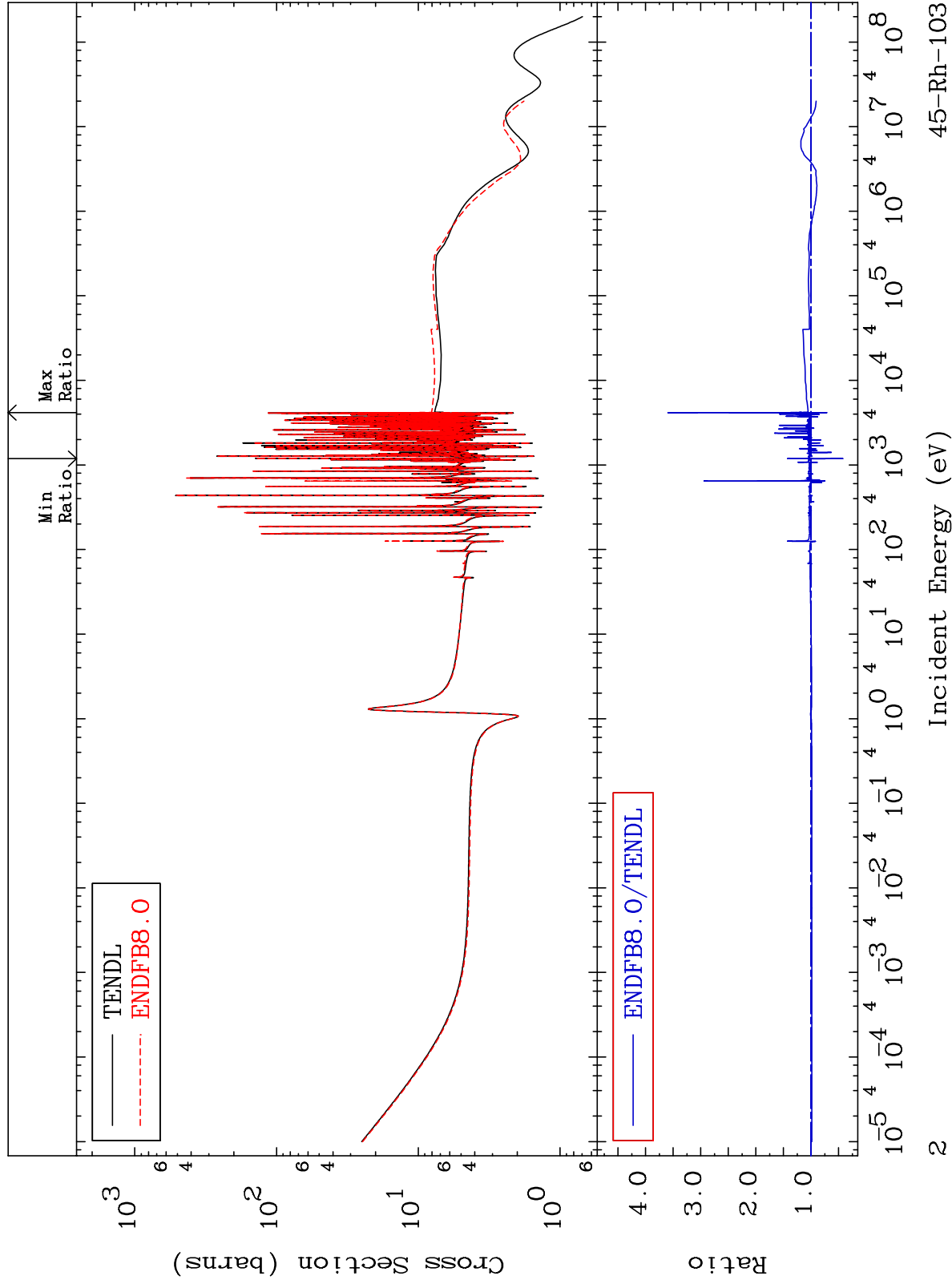
Press Mouse Button to Start



MAT 4525

Elastic
Cross Section

45-Rh-103
-57.68 To 259.2 %

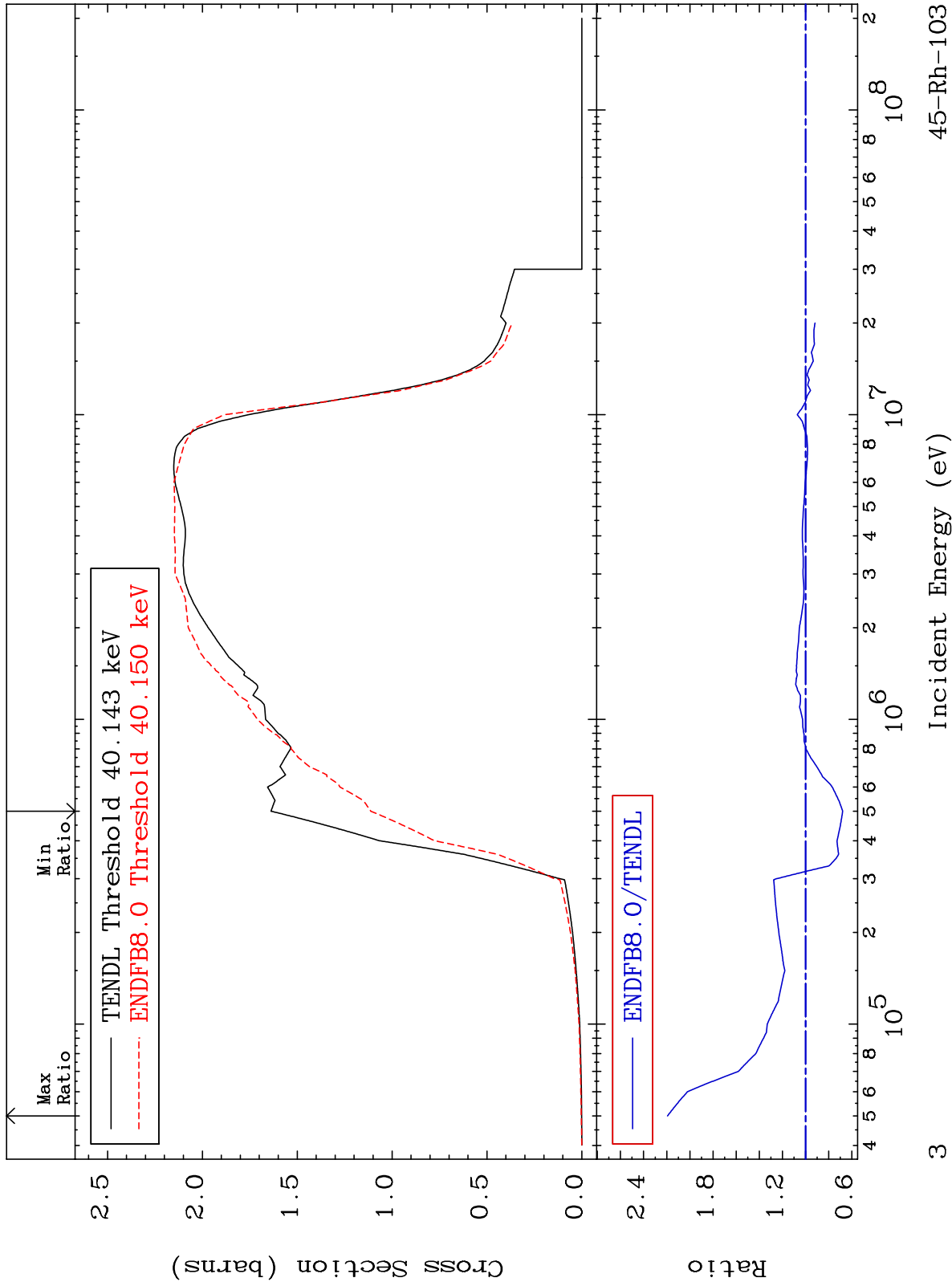


45-Rh-103

Incident Energy (eV)

2

MAT 4525 Inelastic Cross Section 45-Rh-103 -32.10 To 119.3 %



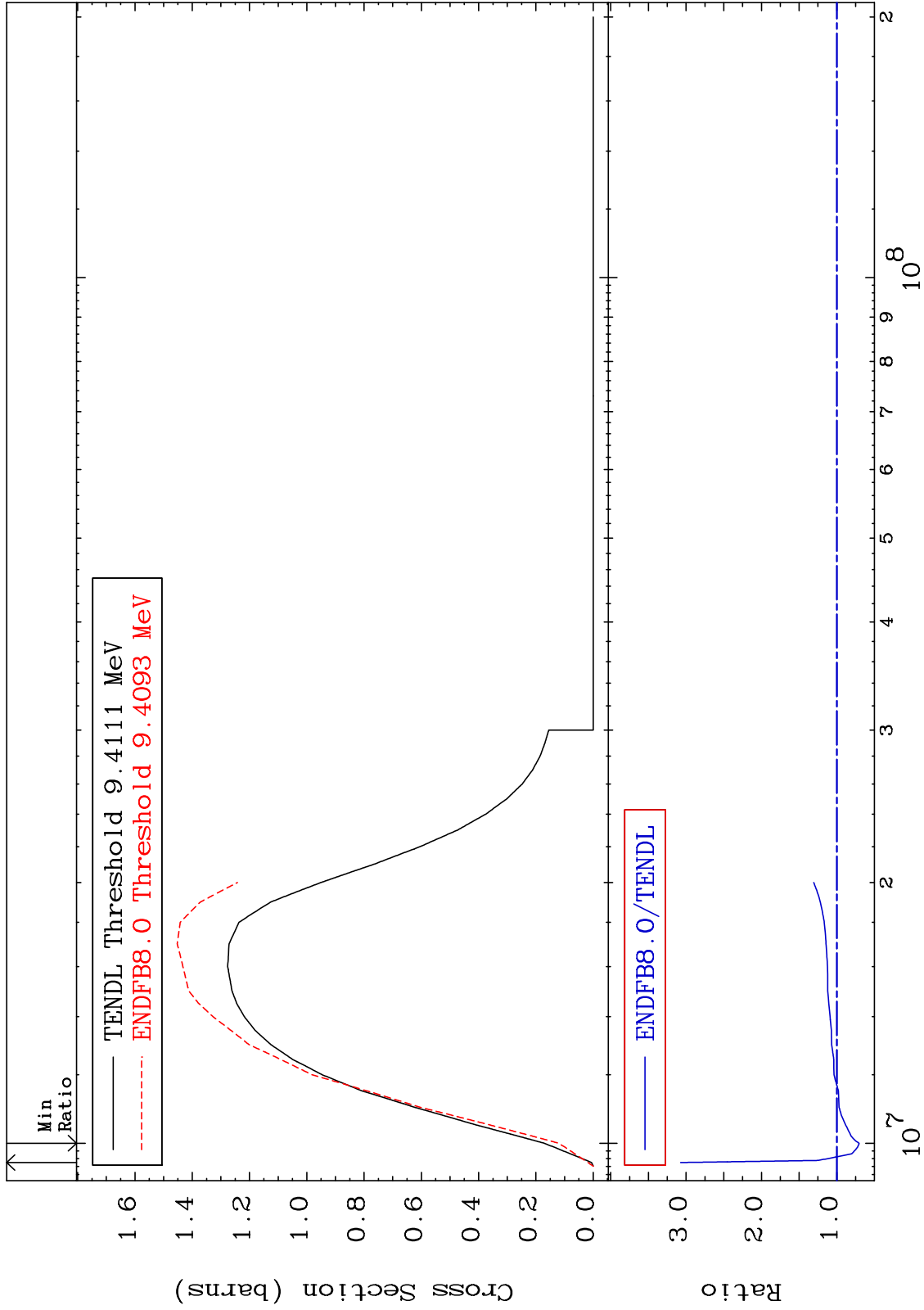
MAT 4525

(n,2n)

45-Rh-103

Cross Section

-29.71 To 207.3 %



4

Incident Energy (eV)

45-Rh-103

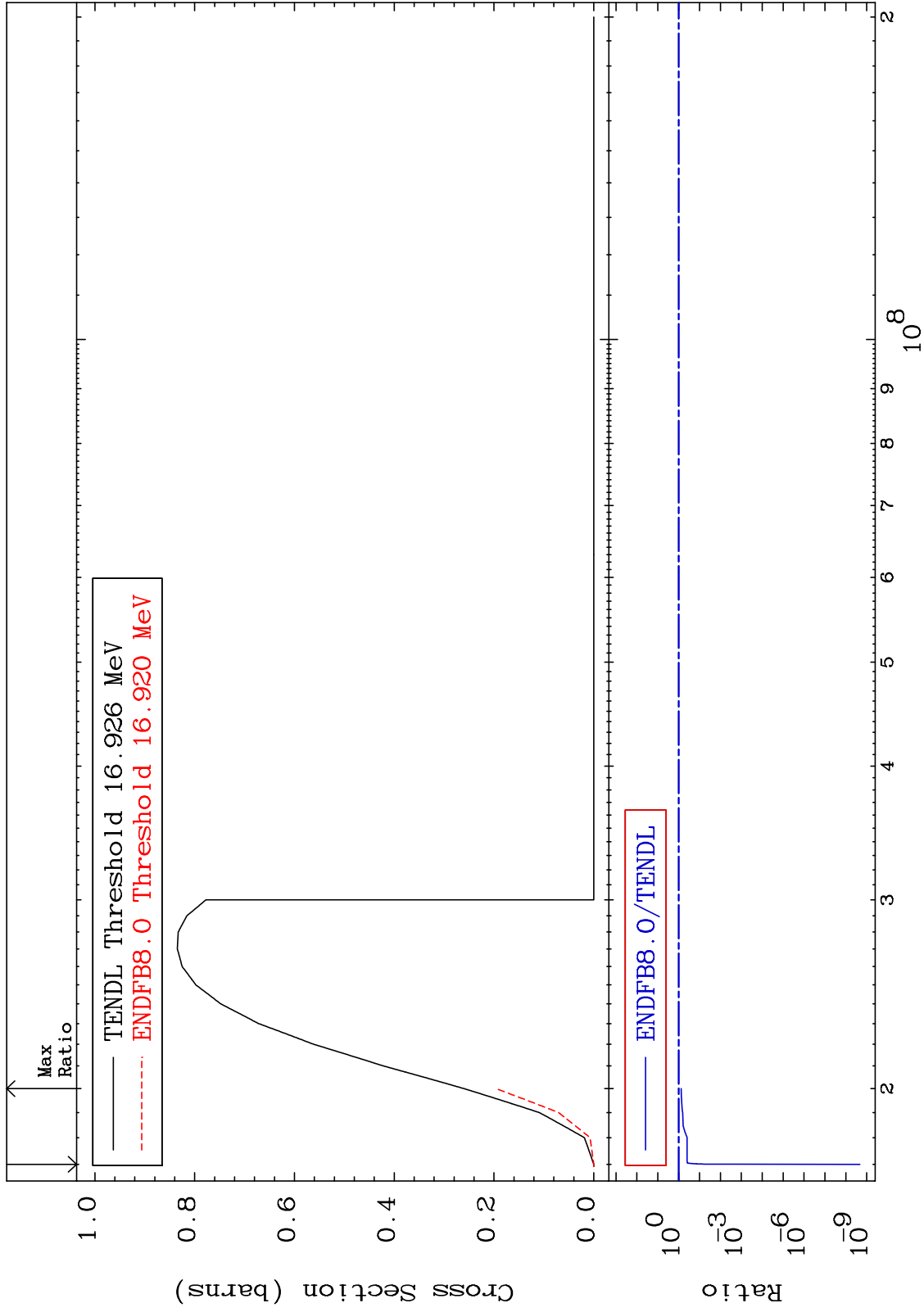
MAT 4525

(n, 3n)

45-Rh-103

Cross Section

-100.0 To -24.75%



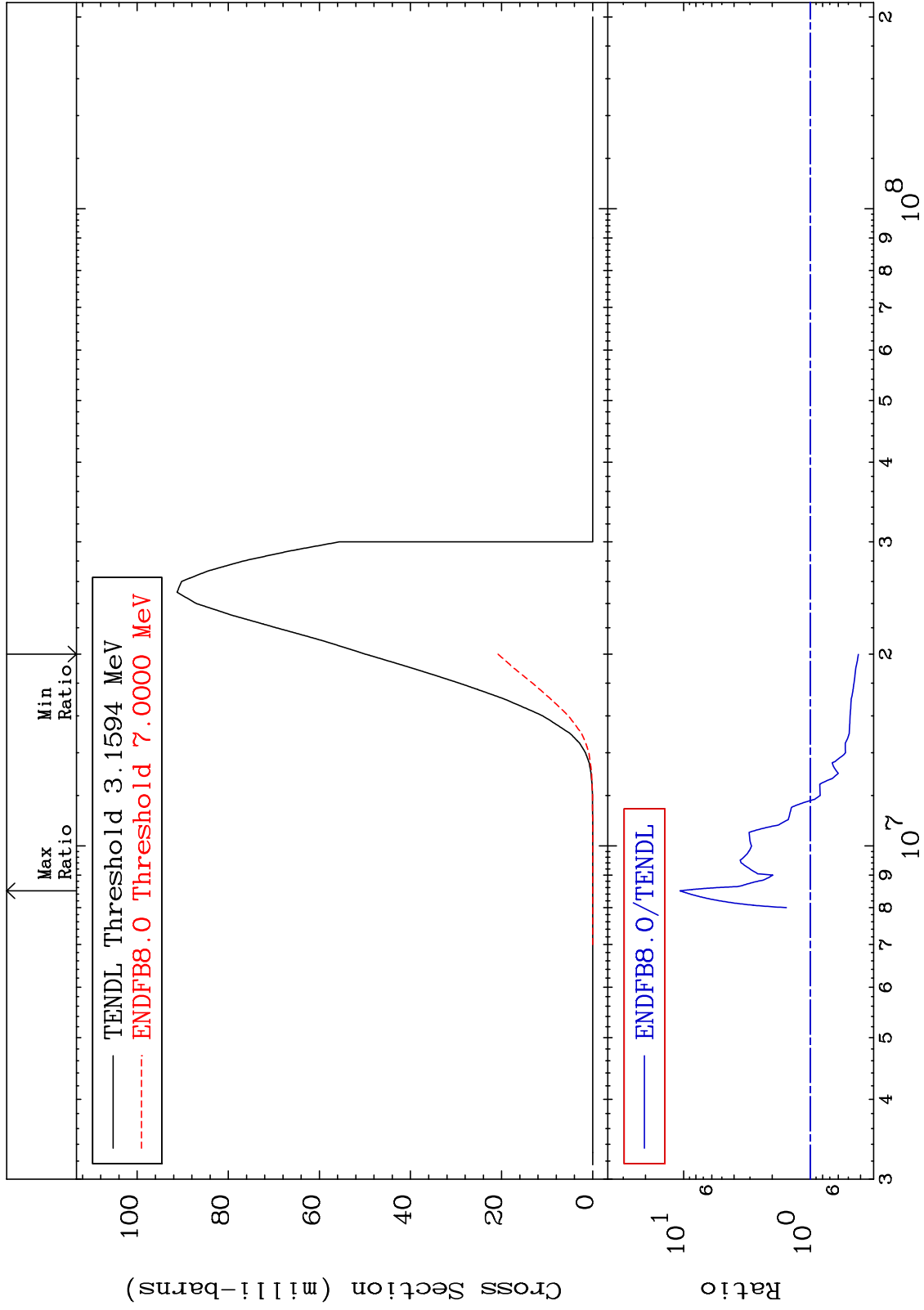
MAT 4525

(n, n') α

45-Rh-103

-58.34 To 968.8 %

Cross Section



45-Rh-103

Incident Energy (eV)

6

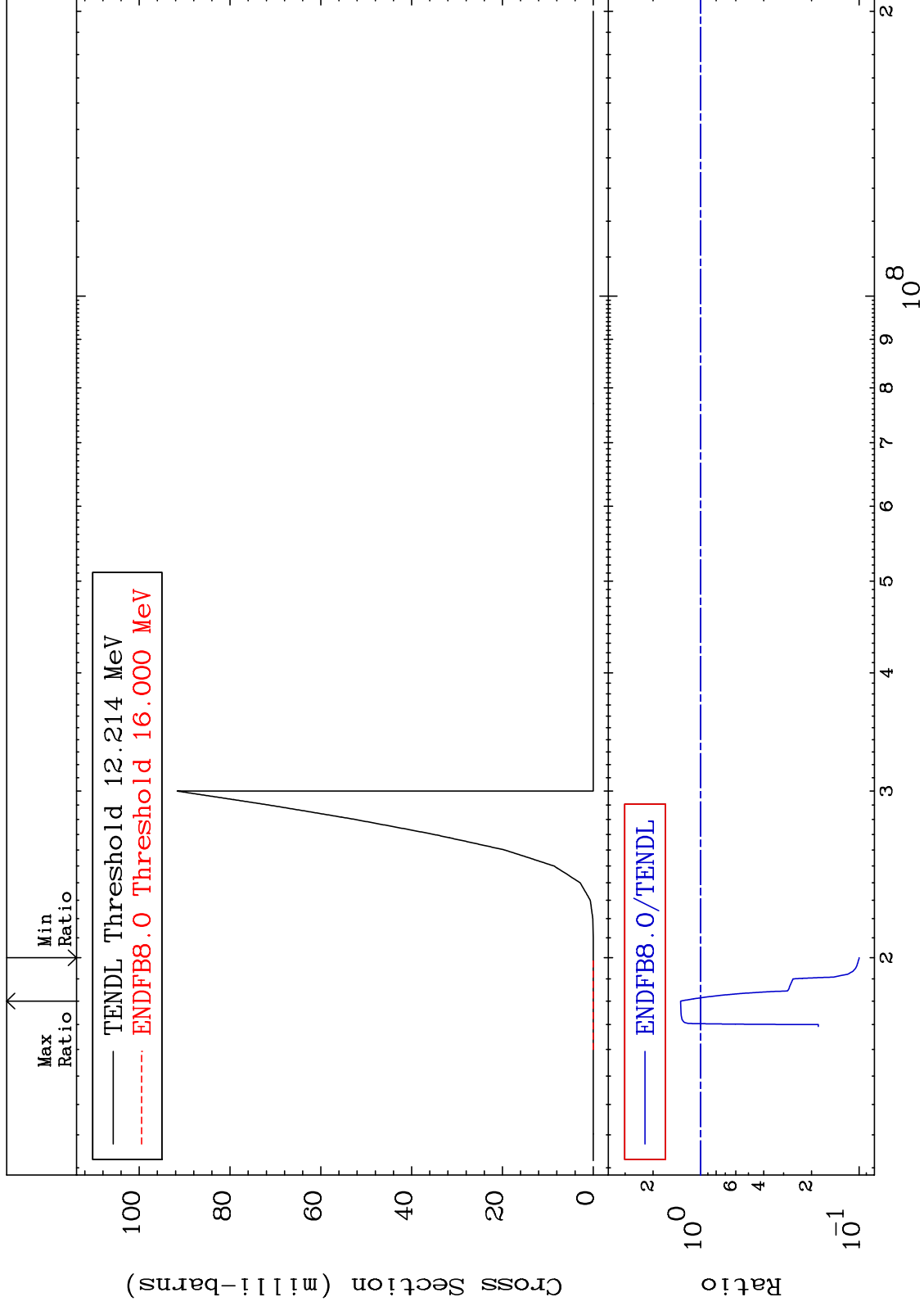
MAT 4525

(n,2n) α

45-Rh-103

Cross Section

-90.00 To 33.81 %



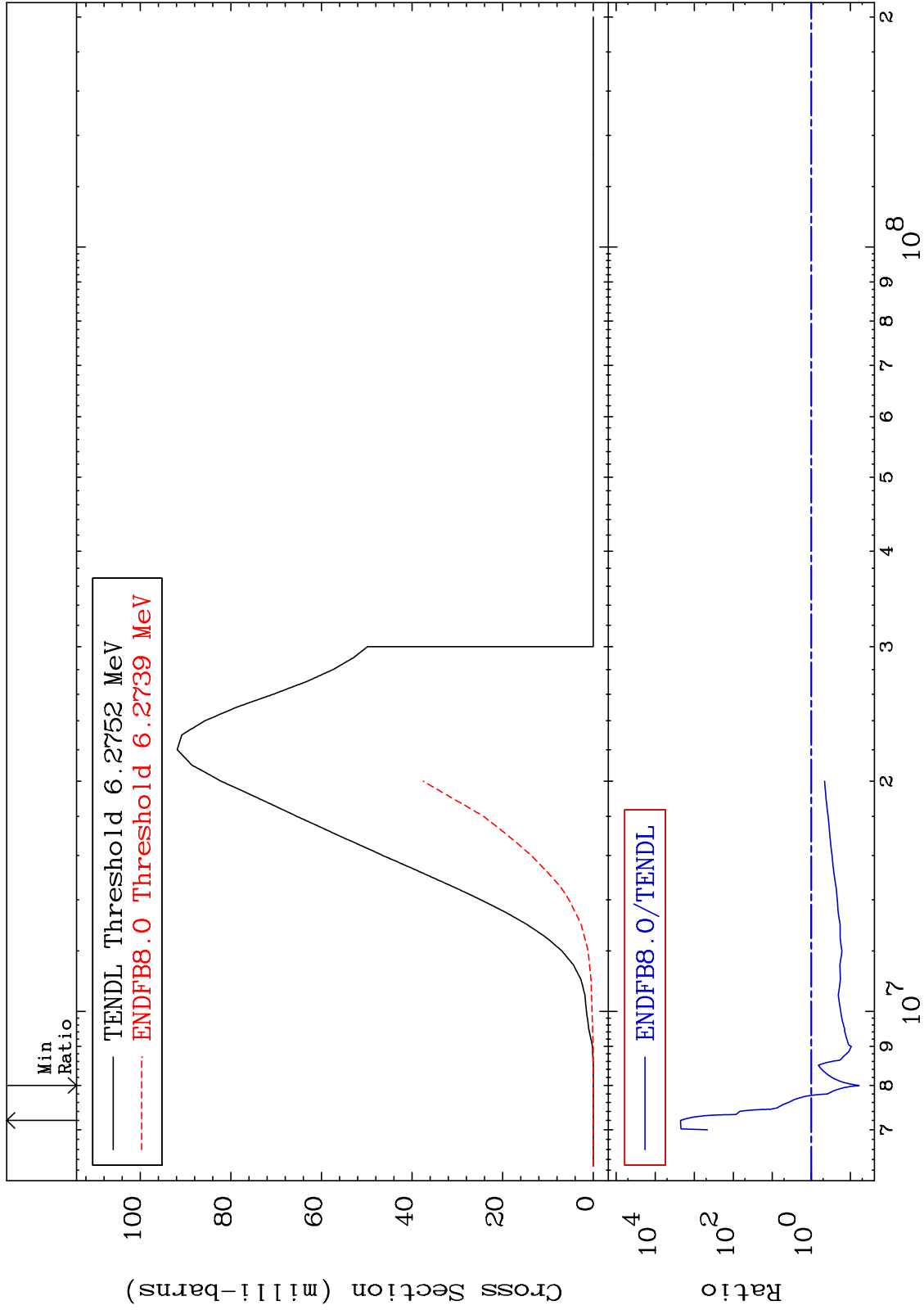
MAT 4525

(n,n') p

45-Rh-103

Cross Section

-94.06 To 9999. %



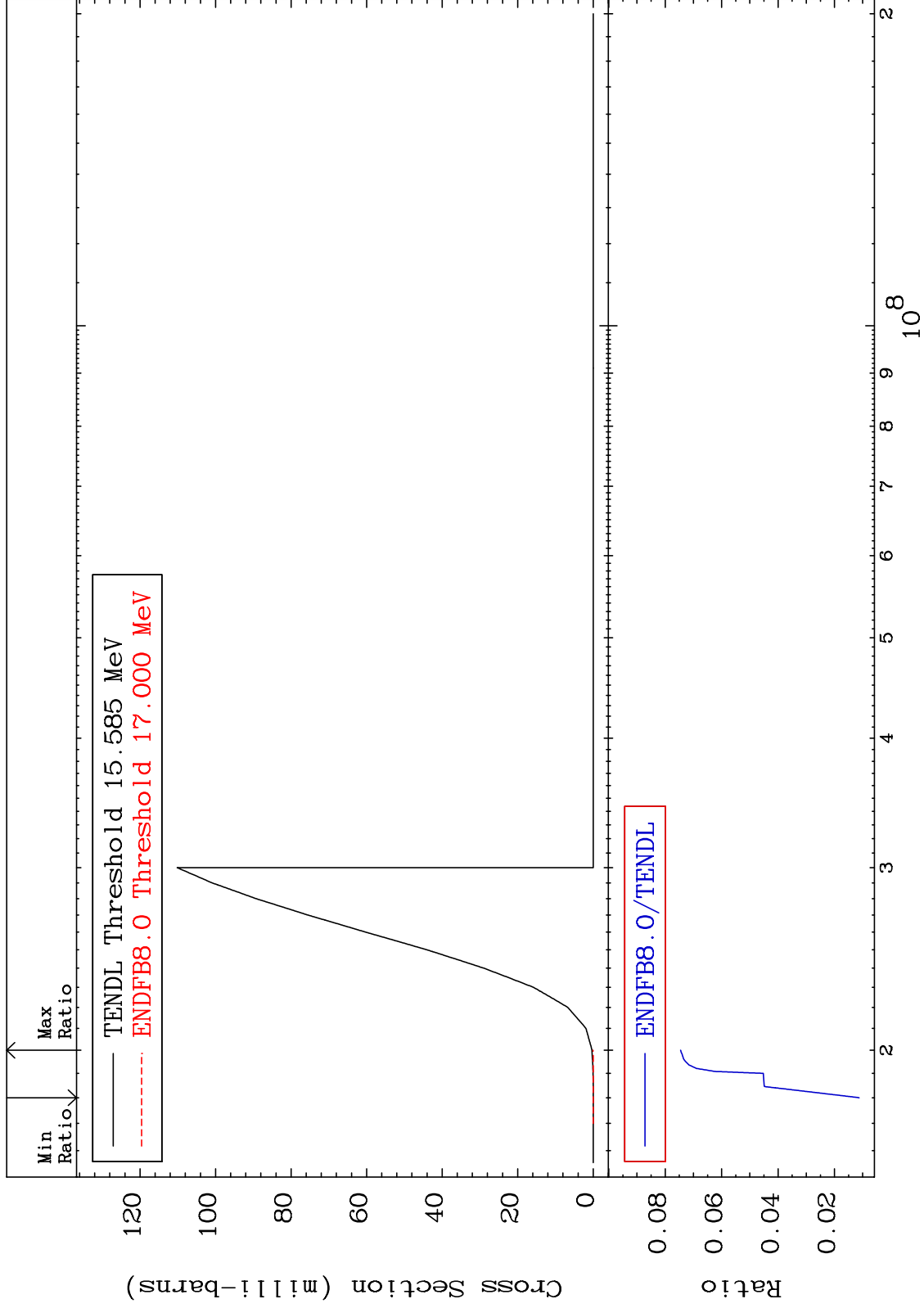
MAT 4525

(n,2n) p

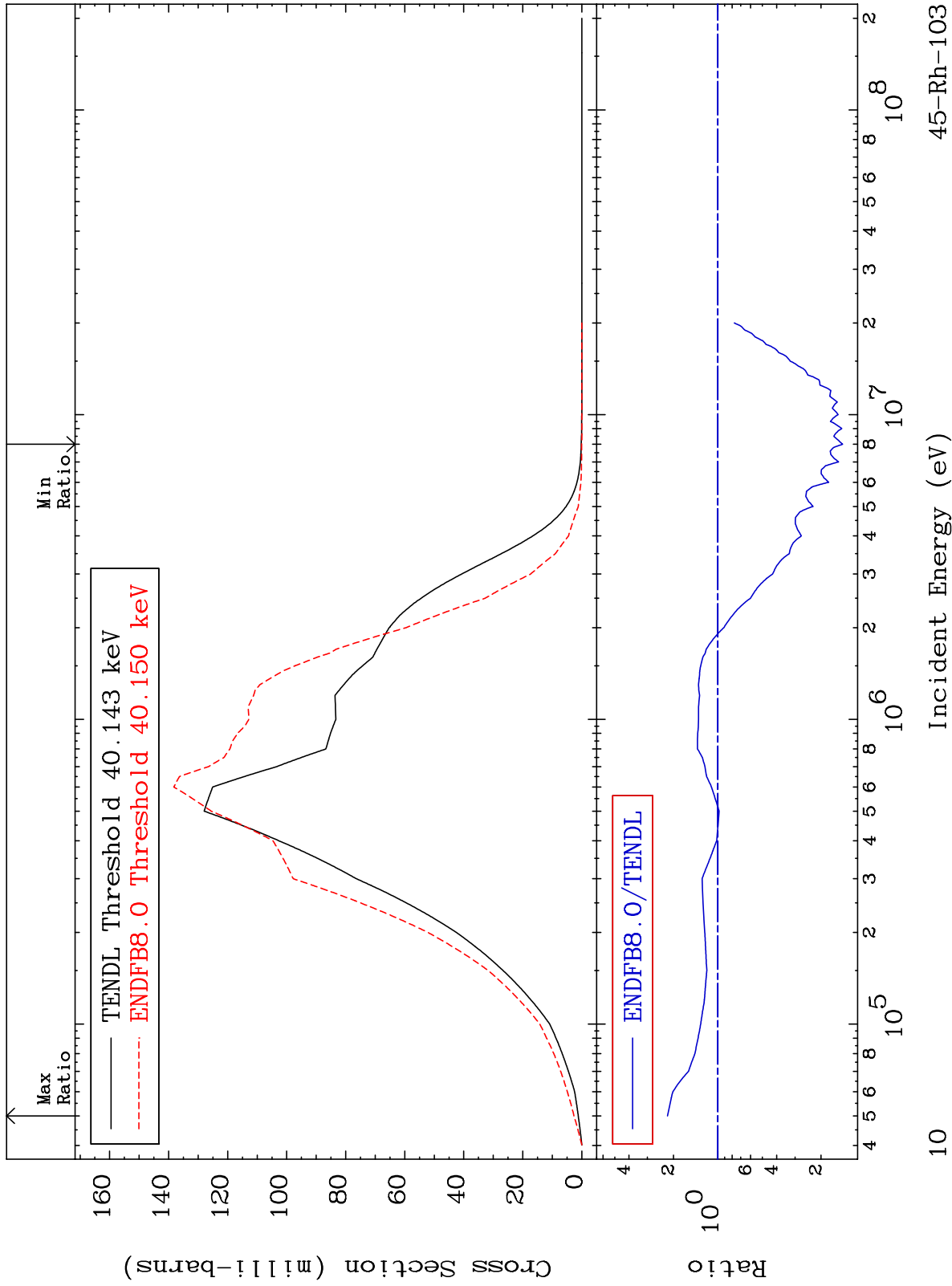
45-Rh-103

Cross Section

-98.87 To -92.55%



MAT 4525 MT= 51 (n,n') Level Cross Section 45-Rh-103 -85.72 To 119.3 %

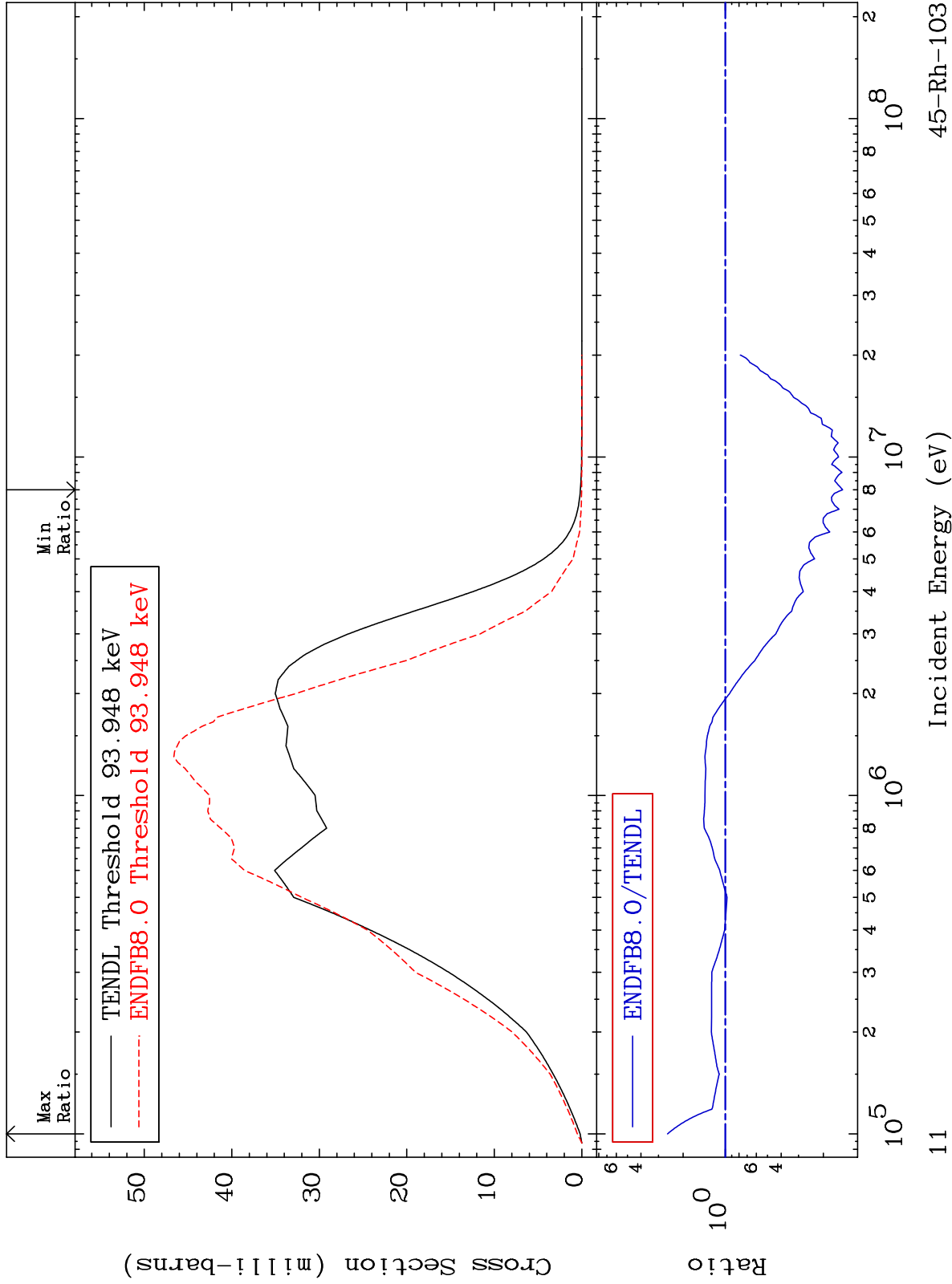


10 45-Rh-103

MAT 4525

MT= 52 (n,n') Level
Cross Section

45-Rh-103
-85.46 To 158.6 %

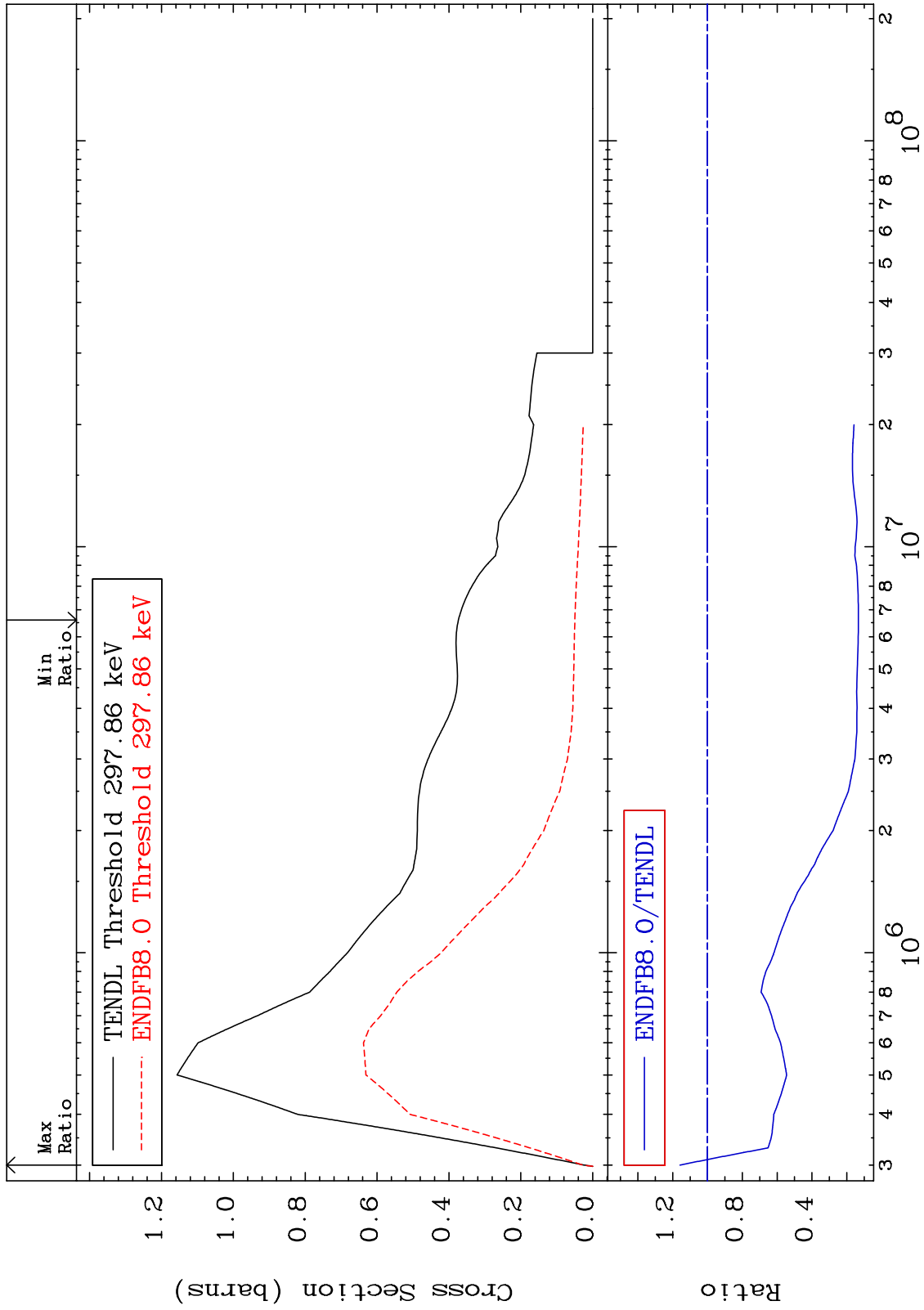


45-Rh-103

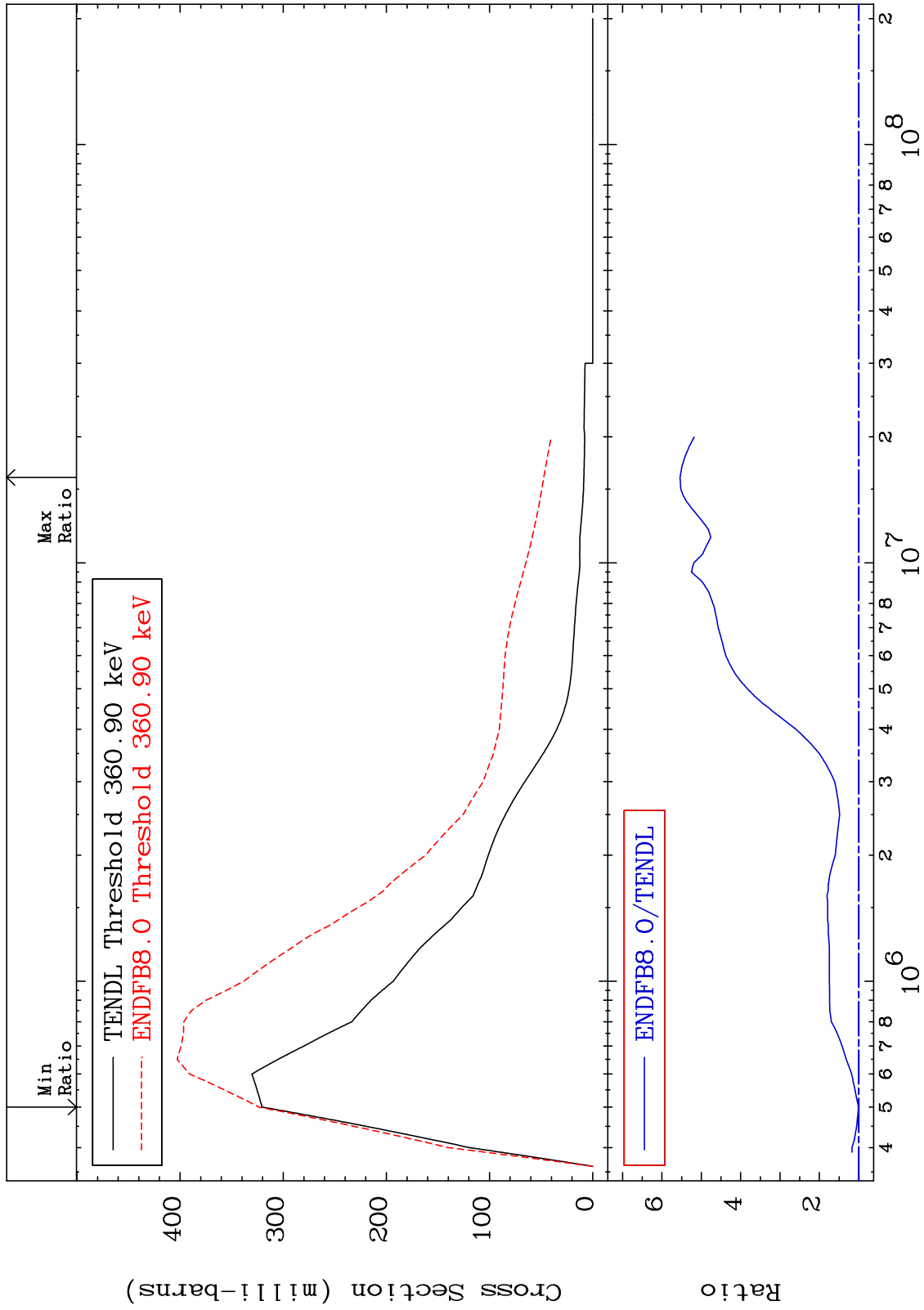
Incident Energy (eV)

11

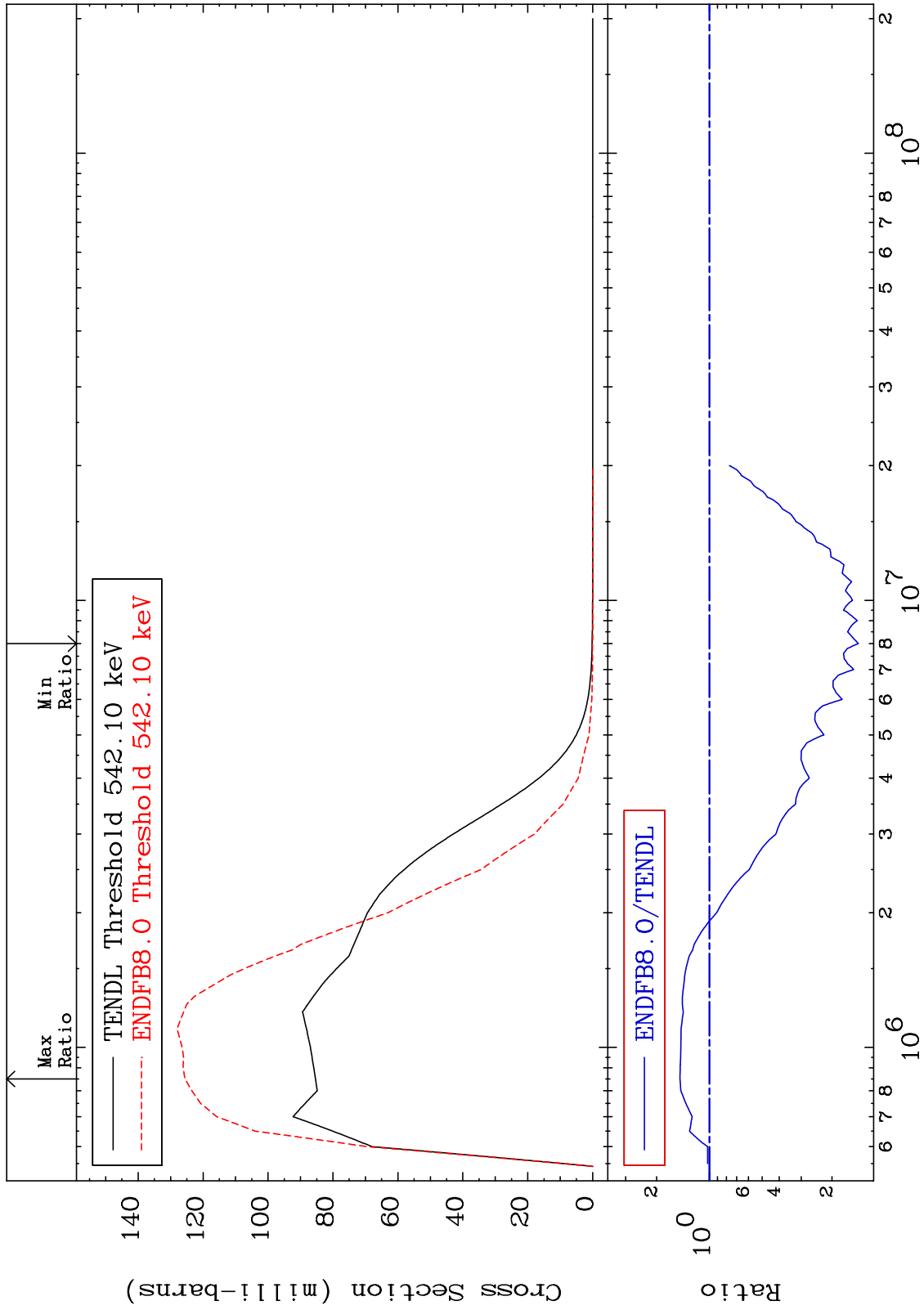
MAT 4525 MT= 53 (n,n') Level Cross Section 45-Rh-103
 -86.68 To 15.80 %



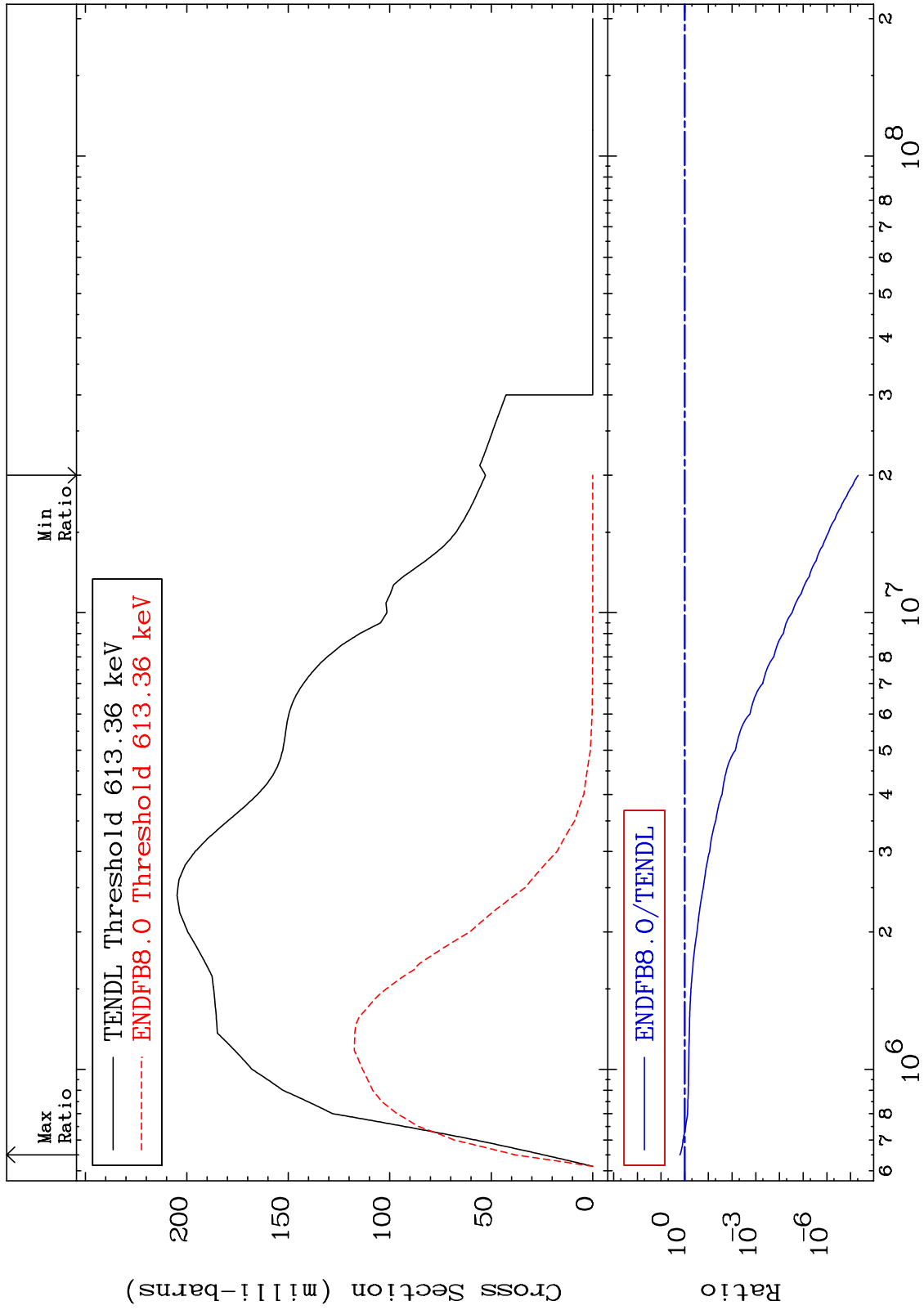
MAT 4525 MT= 54 (n,n') Level Cross Section 45-Rh-103 0.967 To 454.1 %



MAT 4525 MT= 55 (n,n') Level Cross Section 45-Rh-103
 -85.85 To 47.10 %



MAT 4525 MT= 56 (n,n') Level Cross Section 45-Rh-103
 -100.0 To 57.80 %

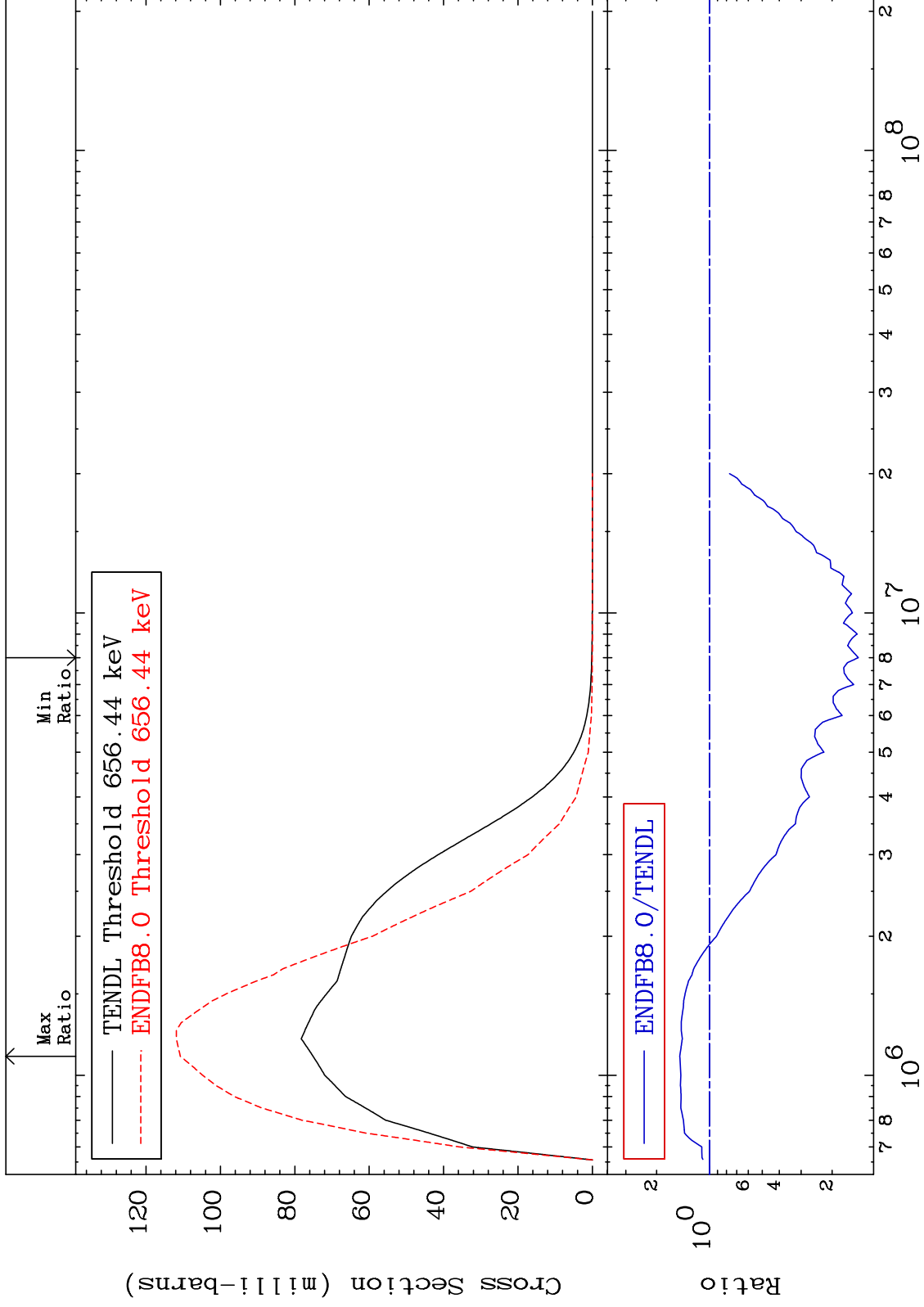


15 Incident Energy (eV) 45-Rh-103

MAT 4525

MT= 57 (n,n') Level
Cross Section

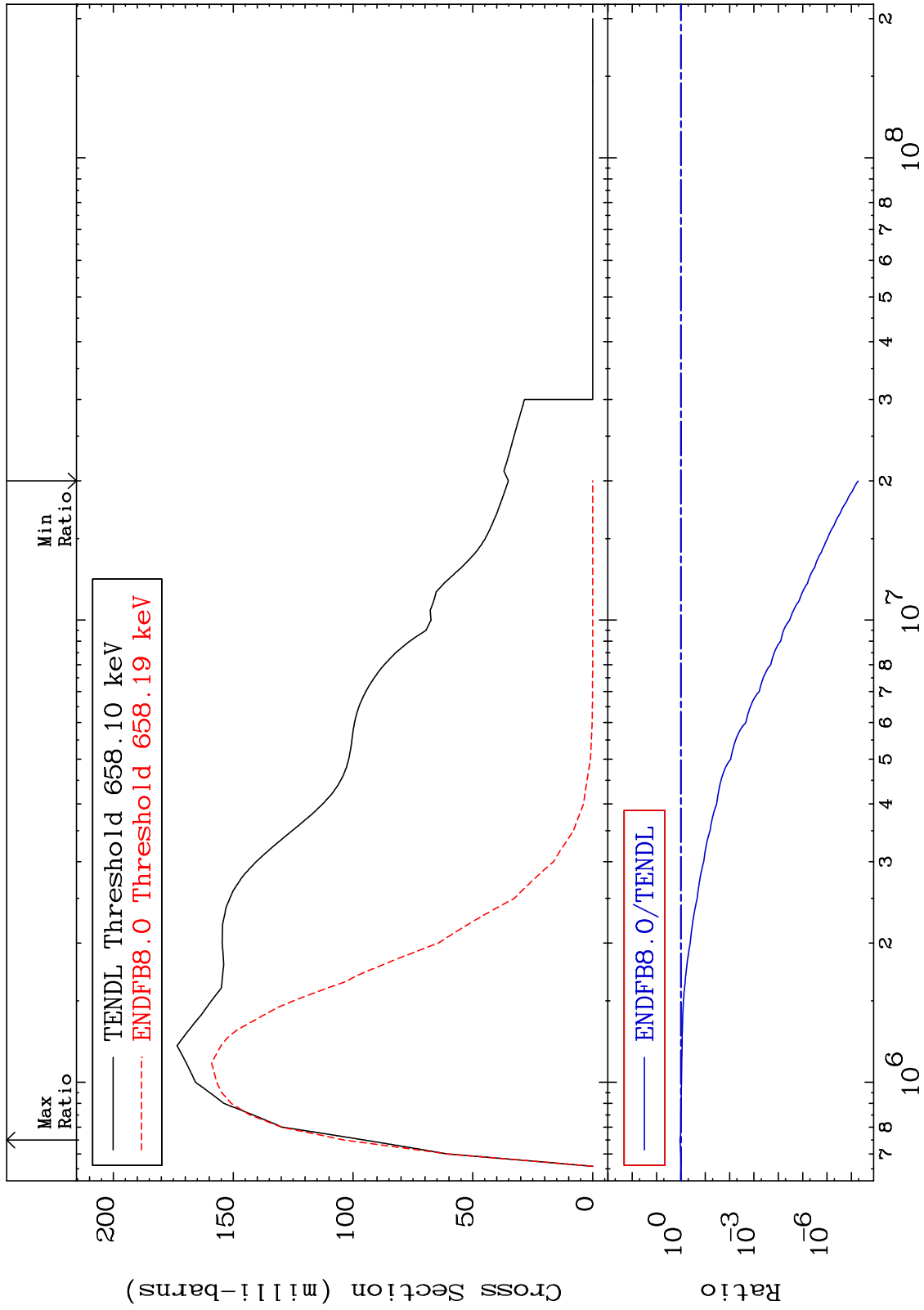
45-Rh-103
-85.84 To 47.54 %



16

45-Rh-103

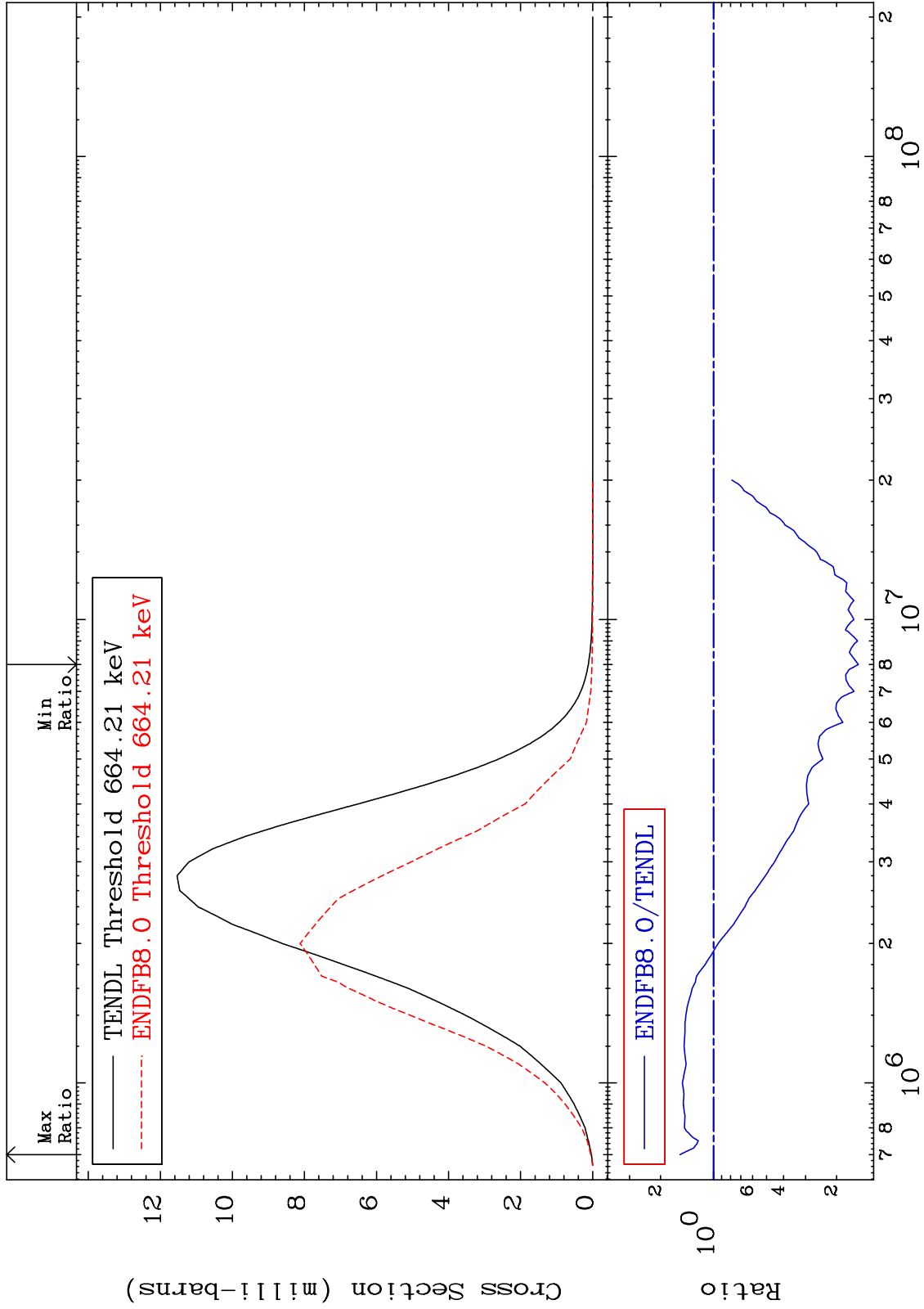
MAT 4525 MT= 58 (n,n') Level Cross Section 45-Rh-103
 -100.0 To 9.017 %



MAT 4525

MT= 59 (n,n') Level
Cross Section

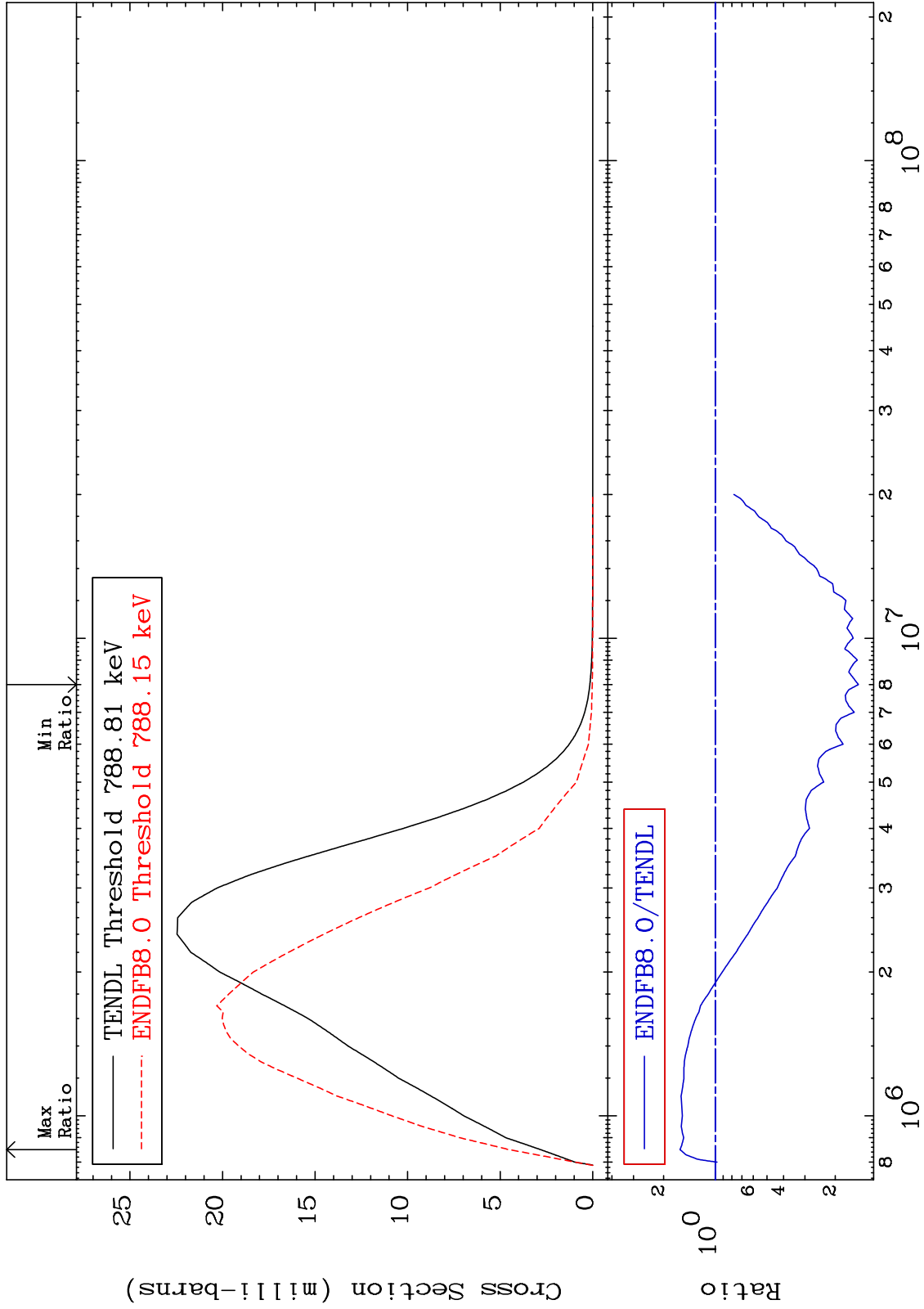
45-Rh-103
-84.98 To 55.06 %



MAT 4525

MT= 60 (n,n') Level
Cross Section

45-Rh-103
-85.35 To 60.51 %



19

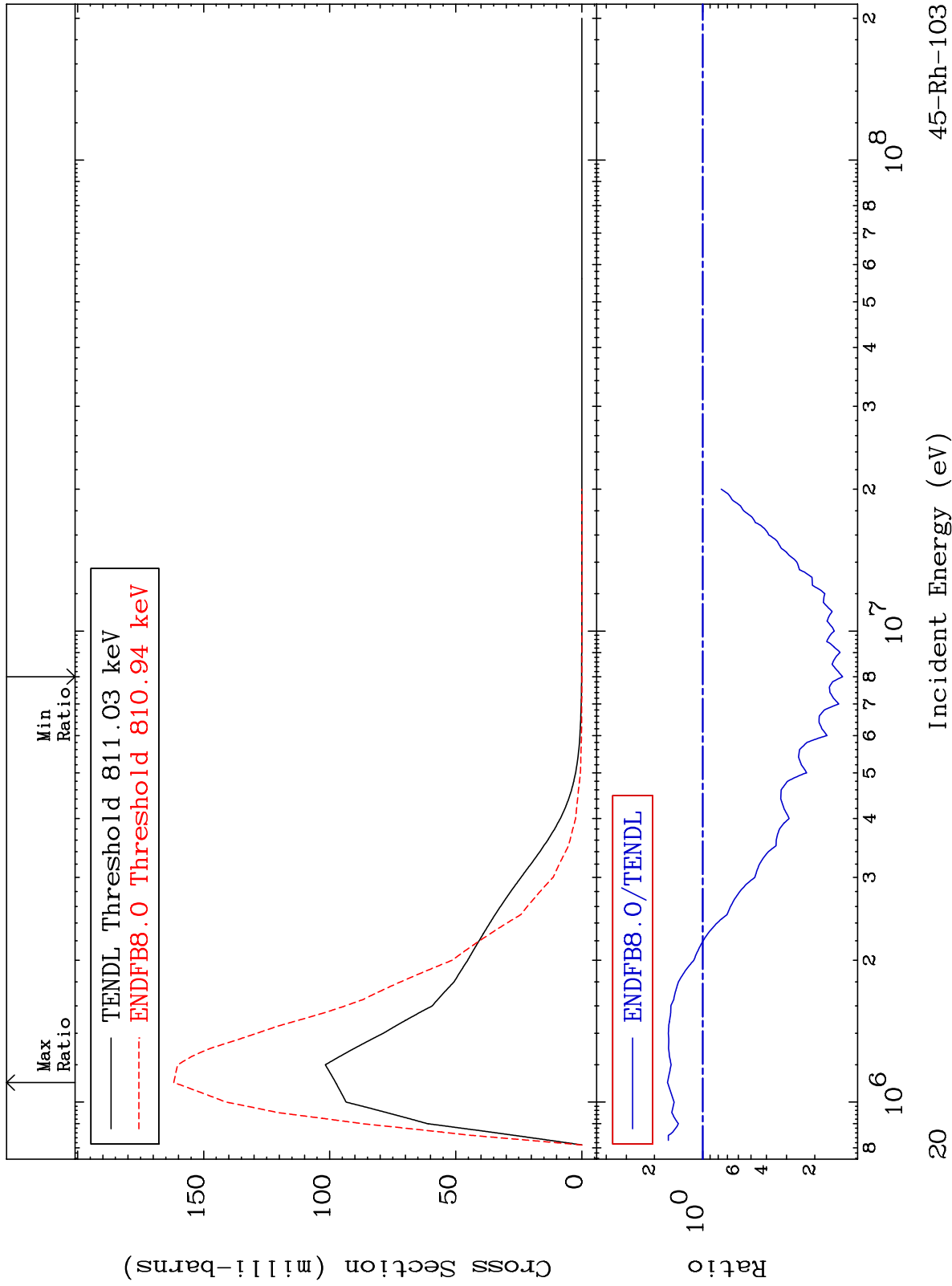
Incident Energy (eV)

45-Rh-103

MAT 4525

MT= 61 (n,n') Level
Cross Section

45-Rh-103
-86.62 To 65.75 %



45-Rh-103

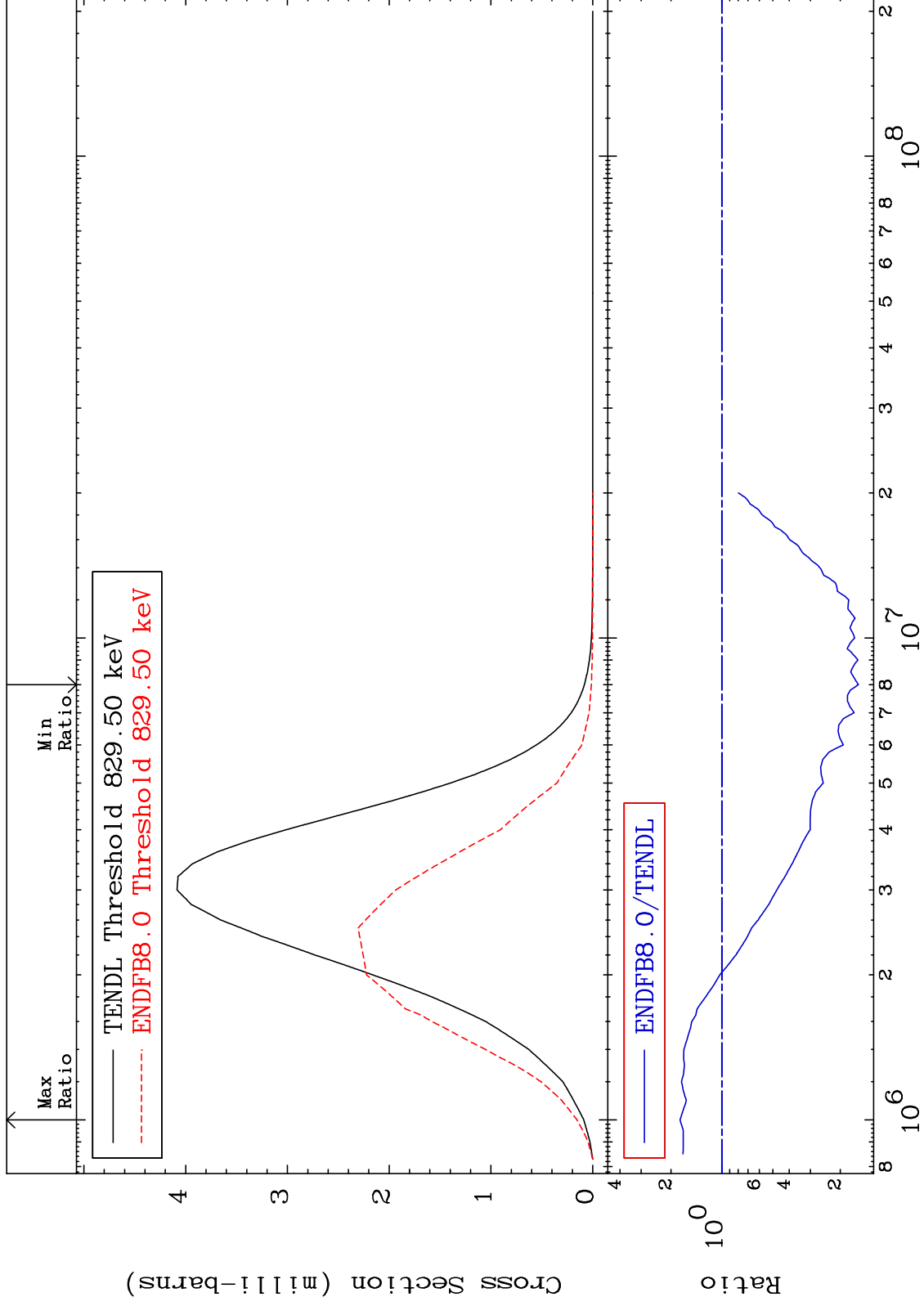
Incident Energy (eV)

20

MAT 4525

MT= 62 (n,n') Level
Cross Section

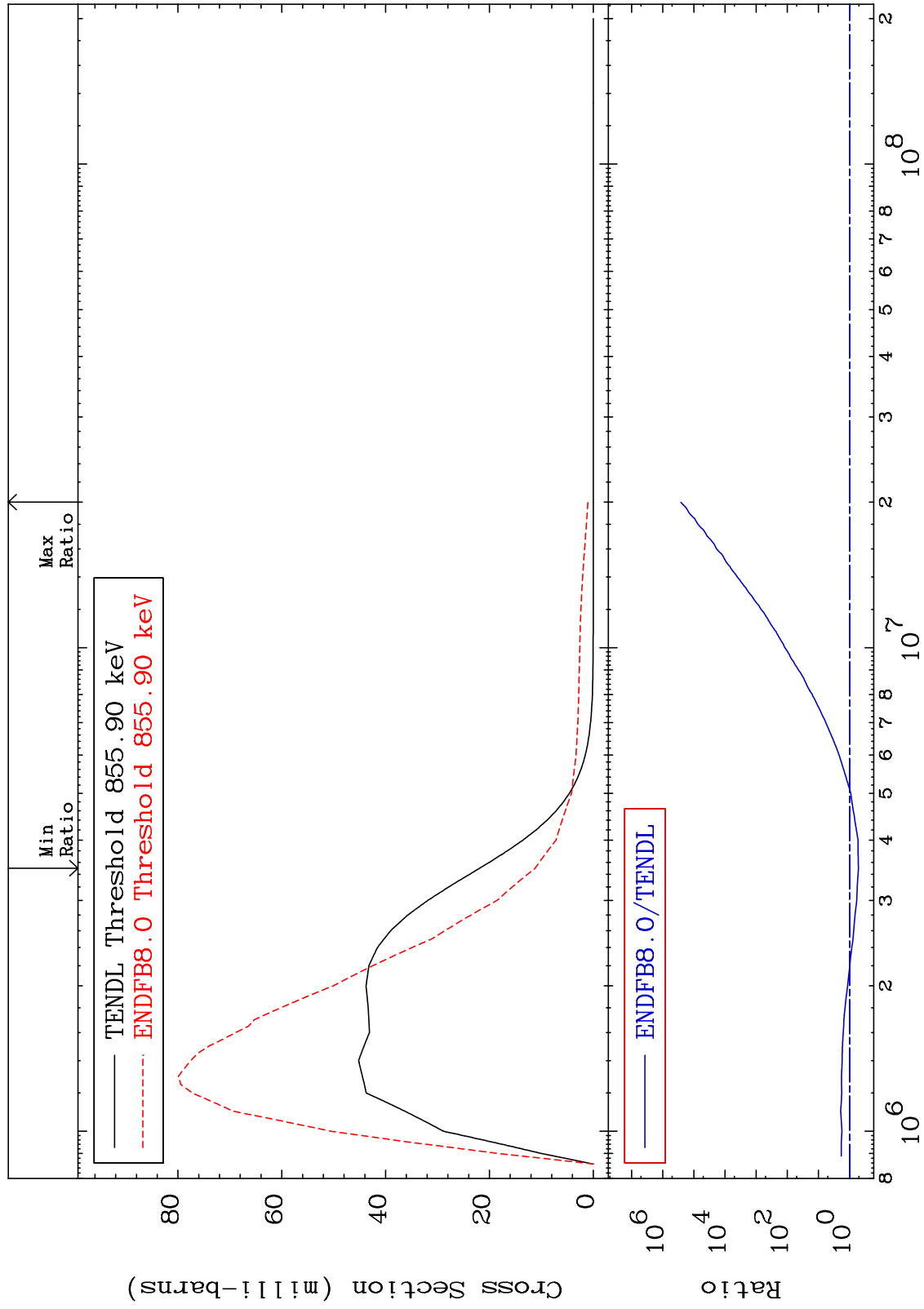
45-Rh-103
-84.40 To 76.70 %



MAT 4525

MT= 63 (n,n') Level
Cross Section

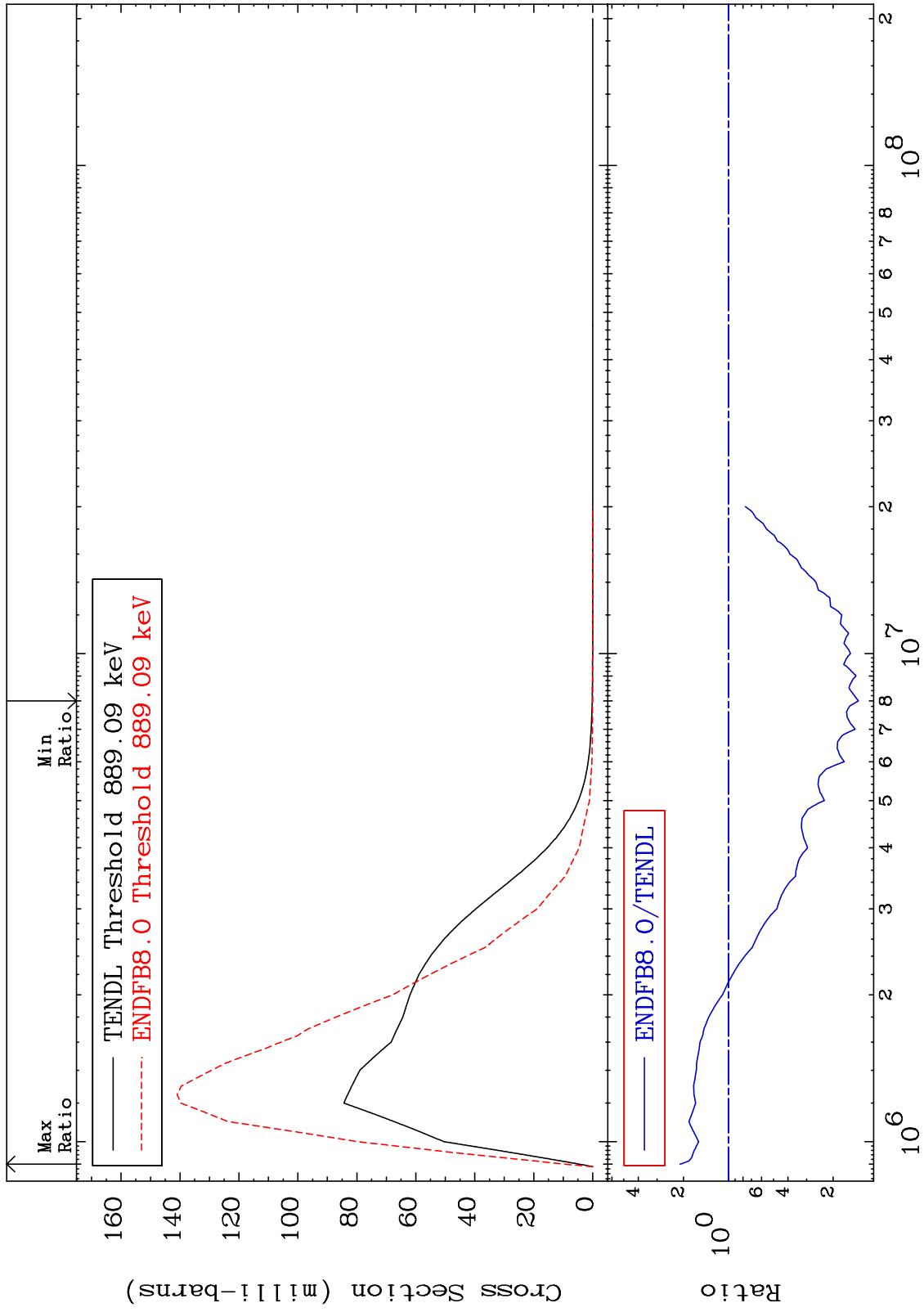
45-Rh-103
-48.89 To 9999. %



MAT 4525

MT= 64 (n,n') Level
Cross Section

45-Rh-103
-86.47 To 110.5 %



23

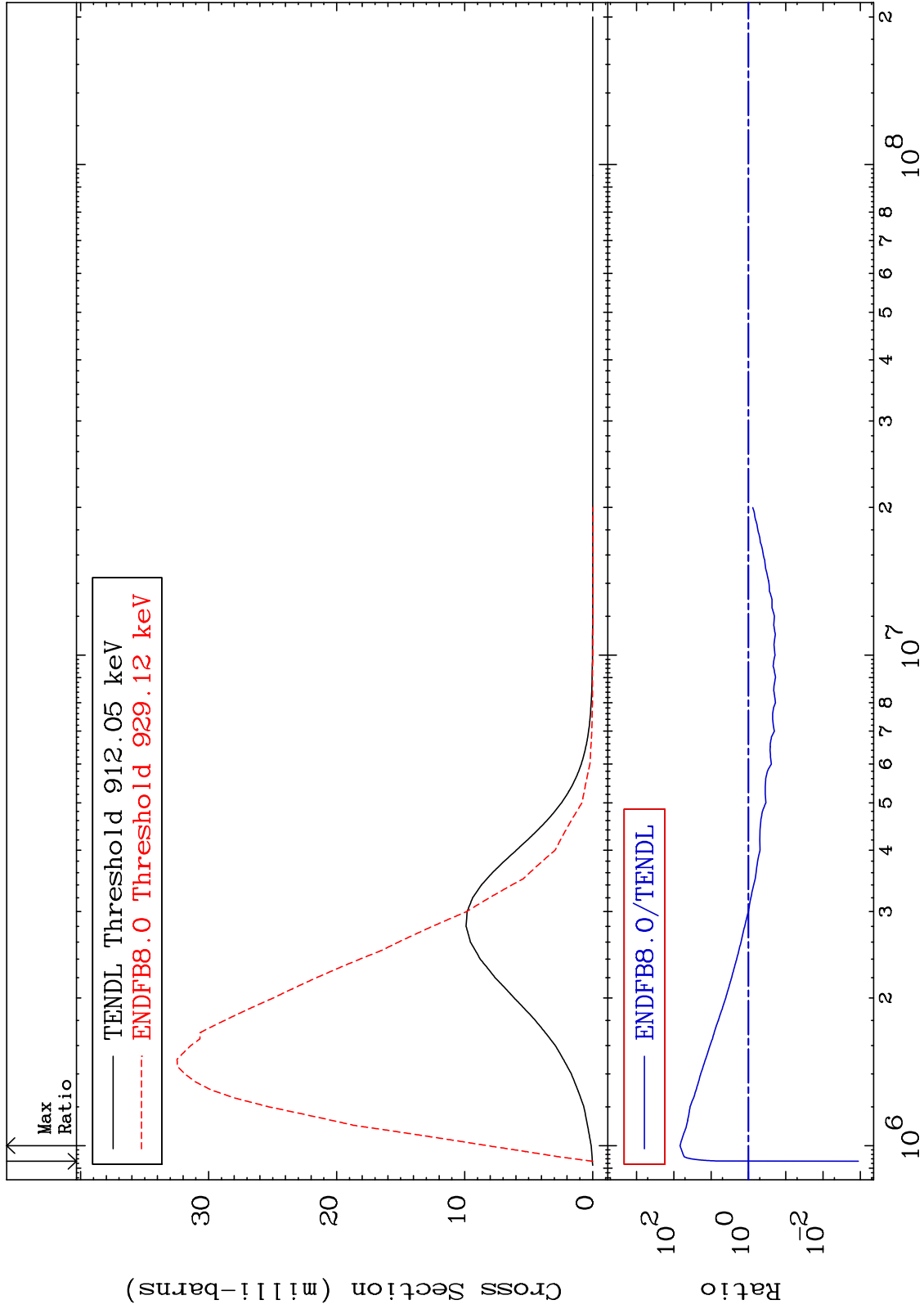
Incident Energy (eV)

45-Rh-103

MAT 4525

MT= 65 (n,n') Level
Cross Section

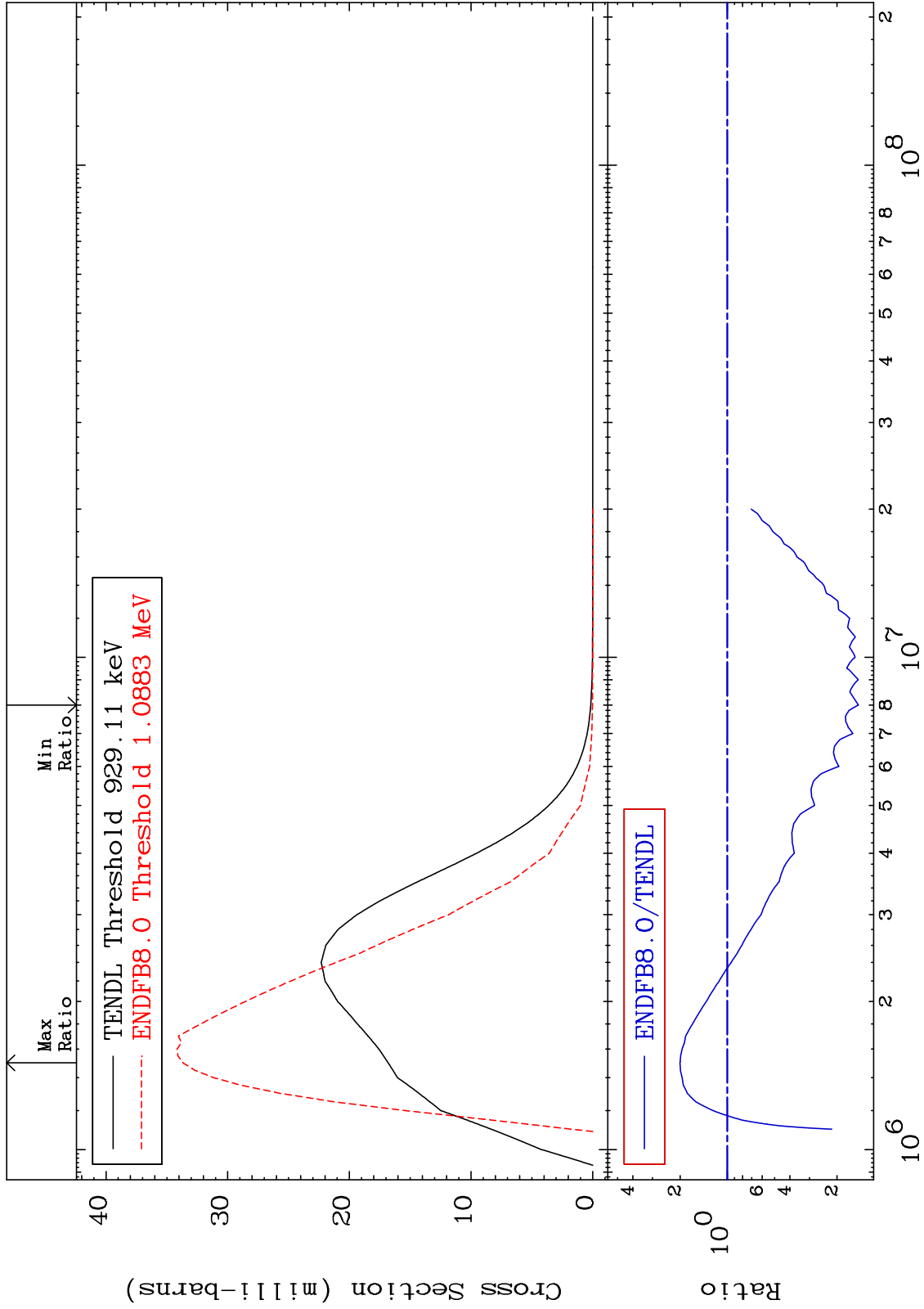
45-Rh-103
-99.89 To 6726. %



MAT 4525

MT= 66 (n,n') Level
Cross Section

45-Rh-103
-85.38 To 100.3 %



25

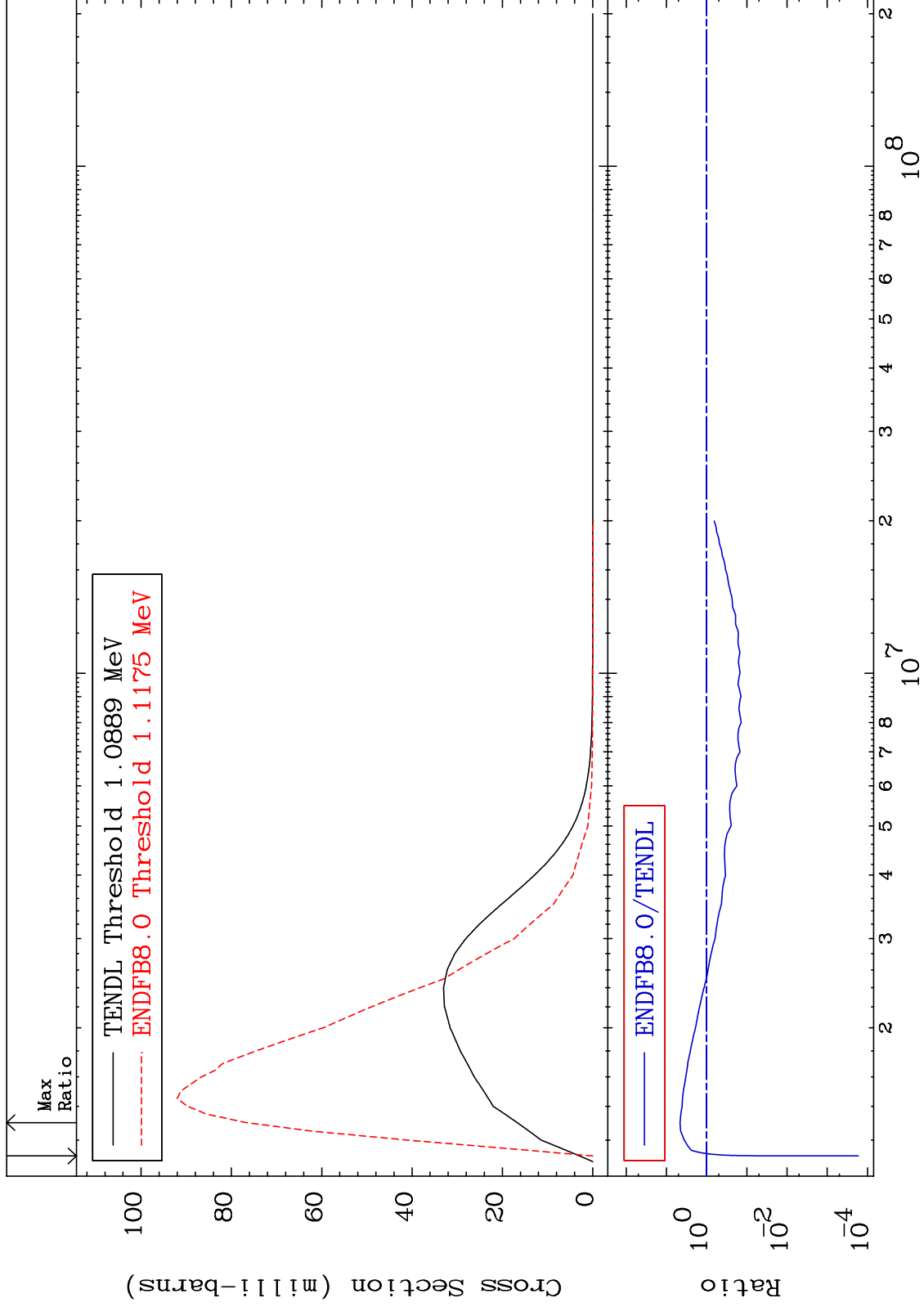
Incident Energy (eV)

45-Rh-103

MAT 4525

MT= 67 (n,n') Level
Cross Section

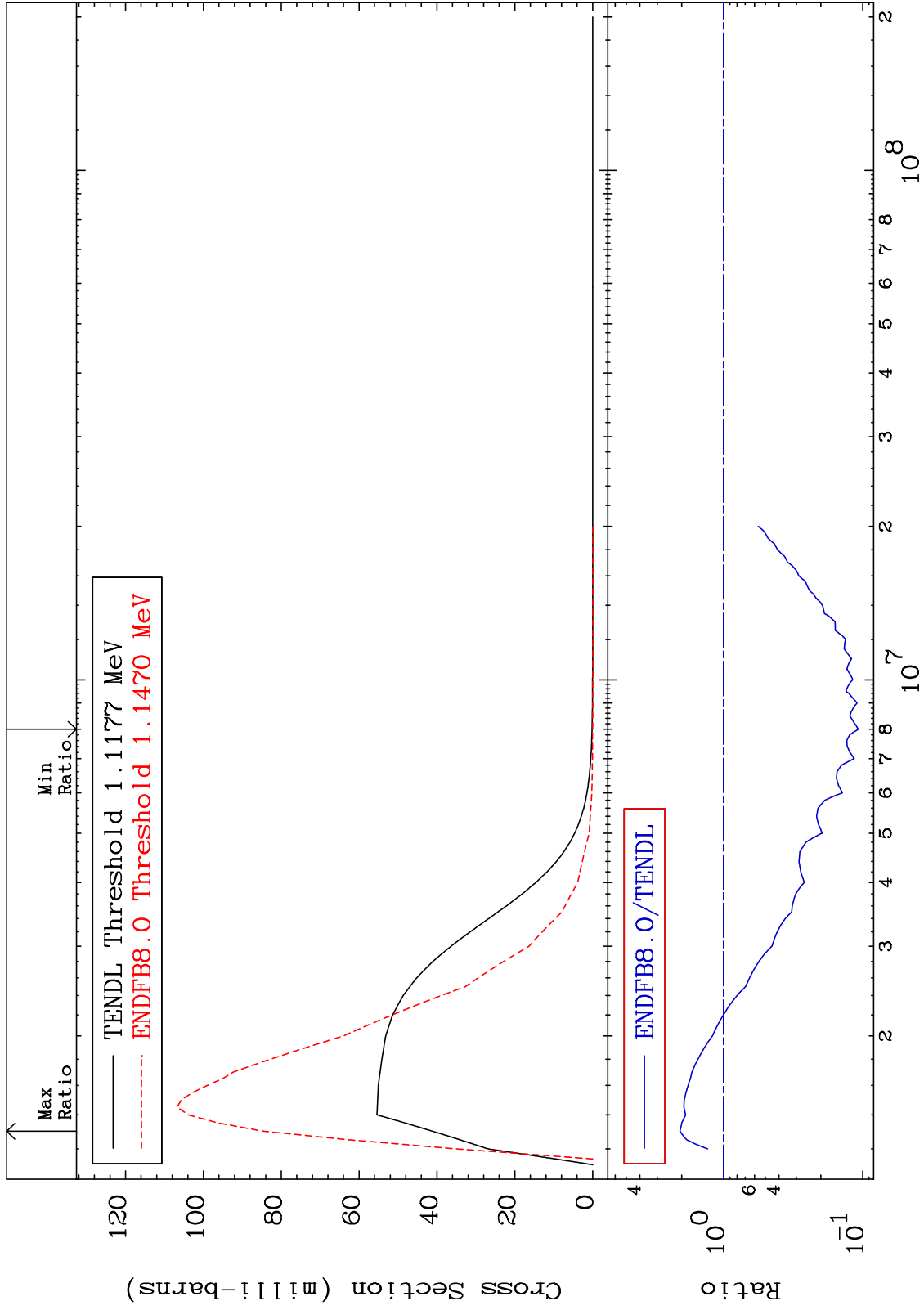
45-Rh-103
-99.98 To 358.8 %



MAT 4525

MT= 68 (n,n') Level
Cross Section

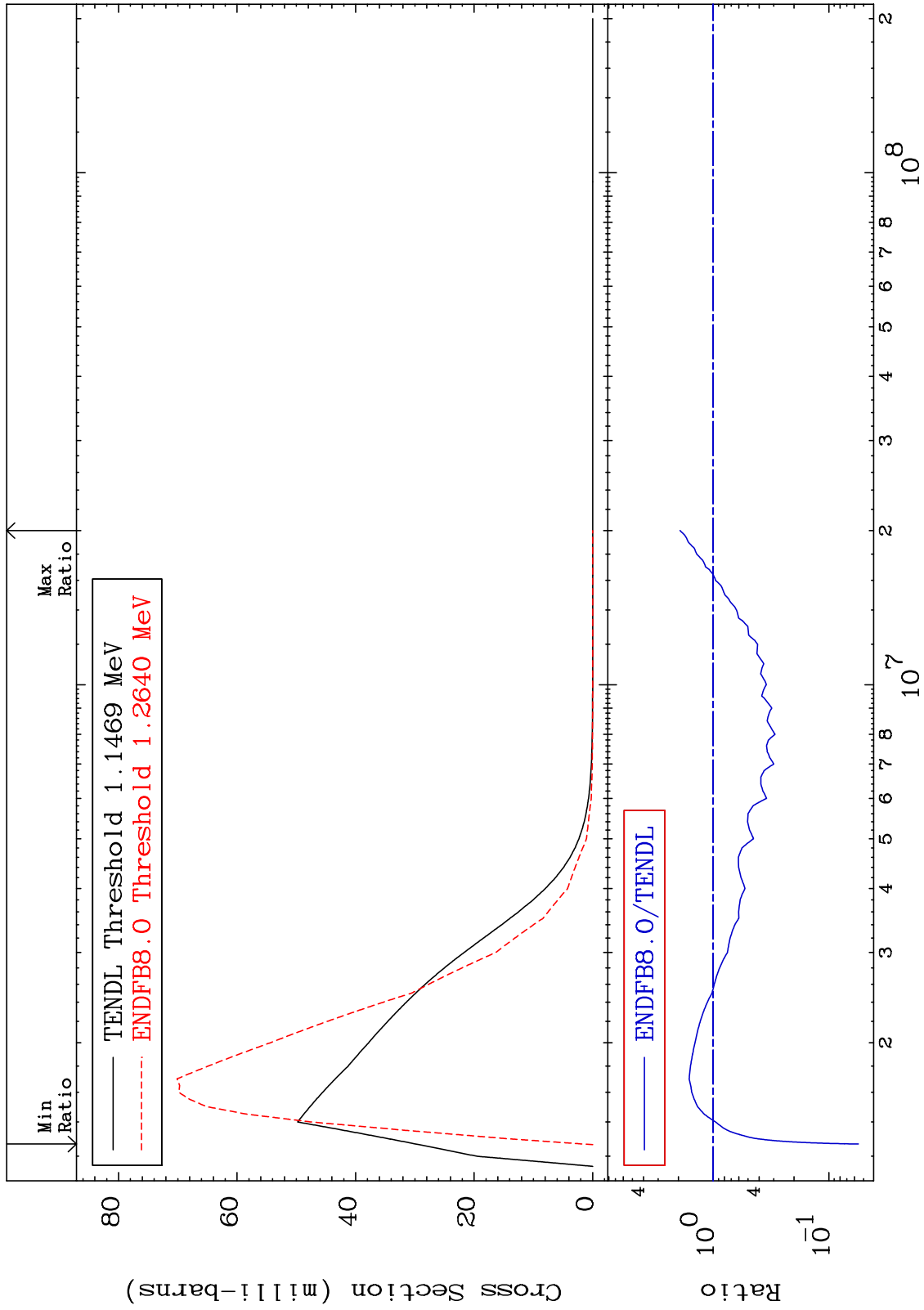
45-Rh-103
-89.25 To 105.6 %



MAT 4525

MT= 69 (n, n') Level
Cross Section

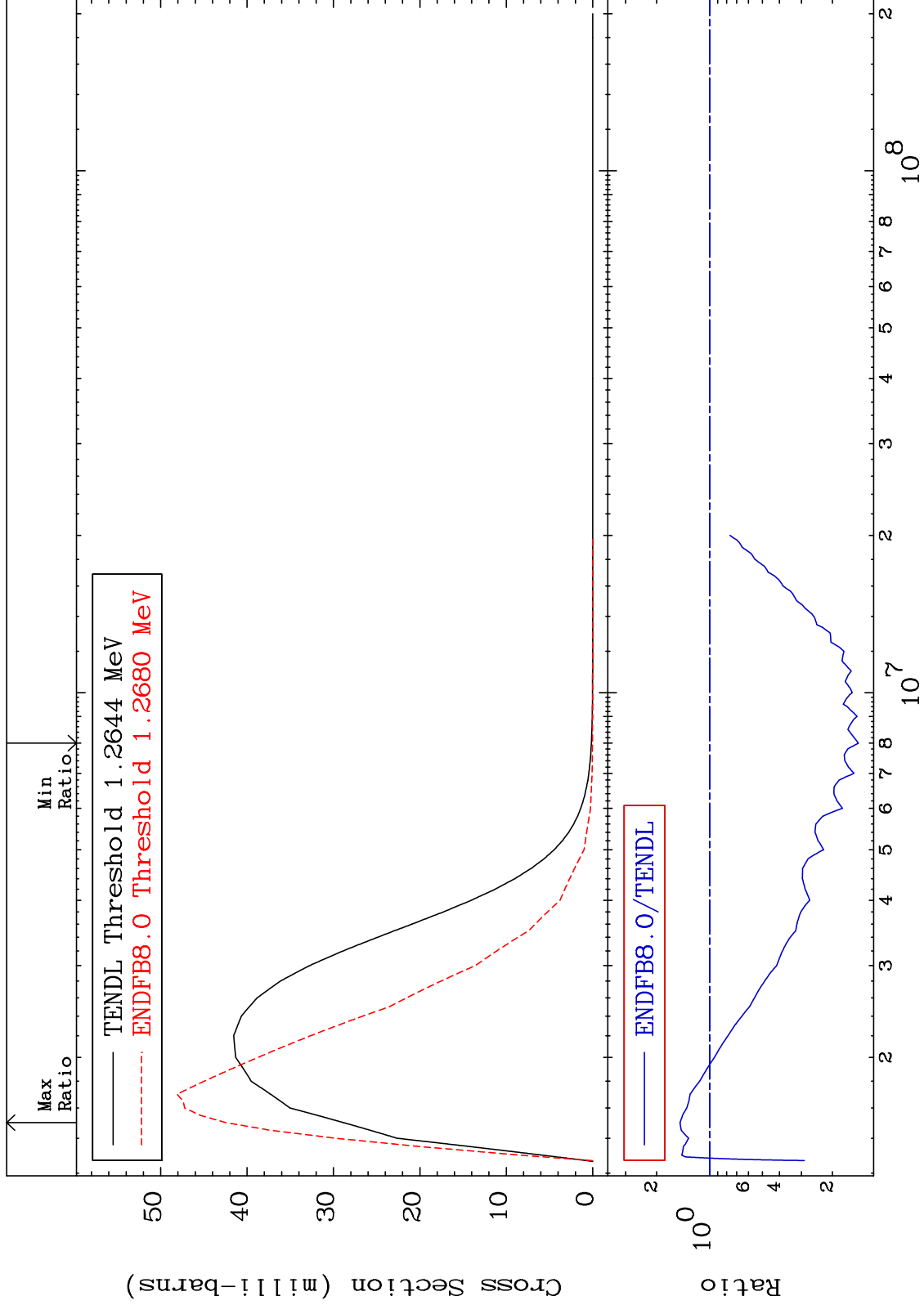
45-Rh-103
-94.45 To 93.64 %



MAT 4525

MT= 70 (n,n') Level
Cross Section

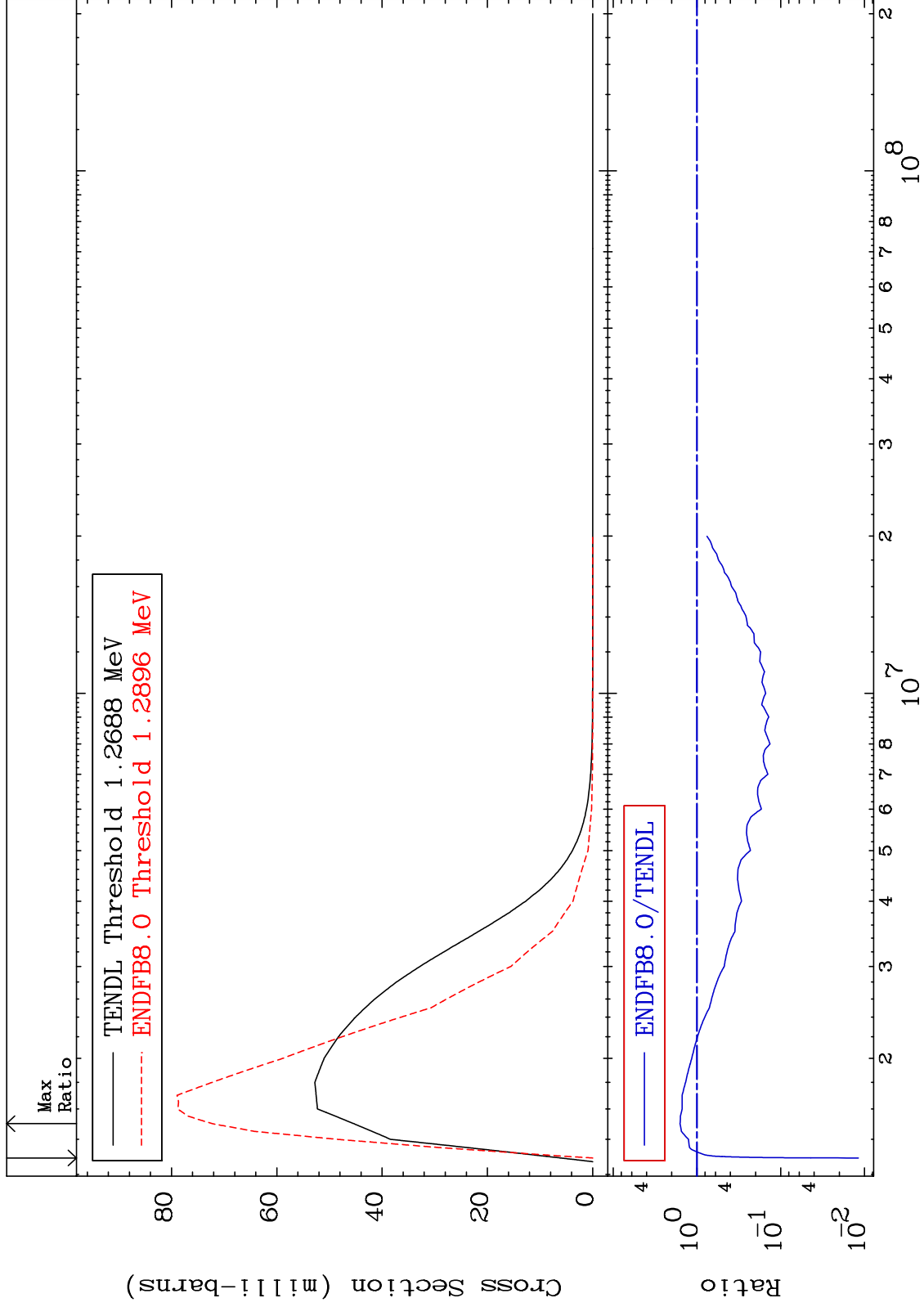
45-Rh-103
-85.78 To 47.20 %



MAT 4525

MT= 71 (n,n') Level
Cross Section

45-Rh-103
-98.82 To 59.42 %



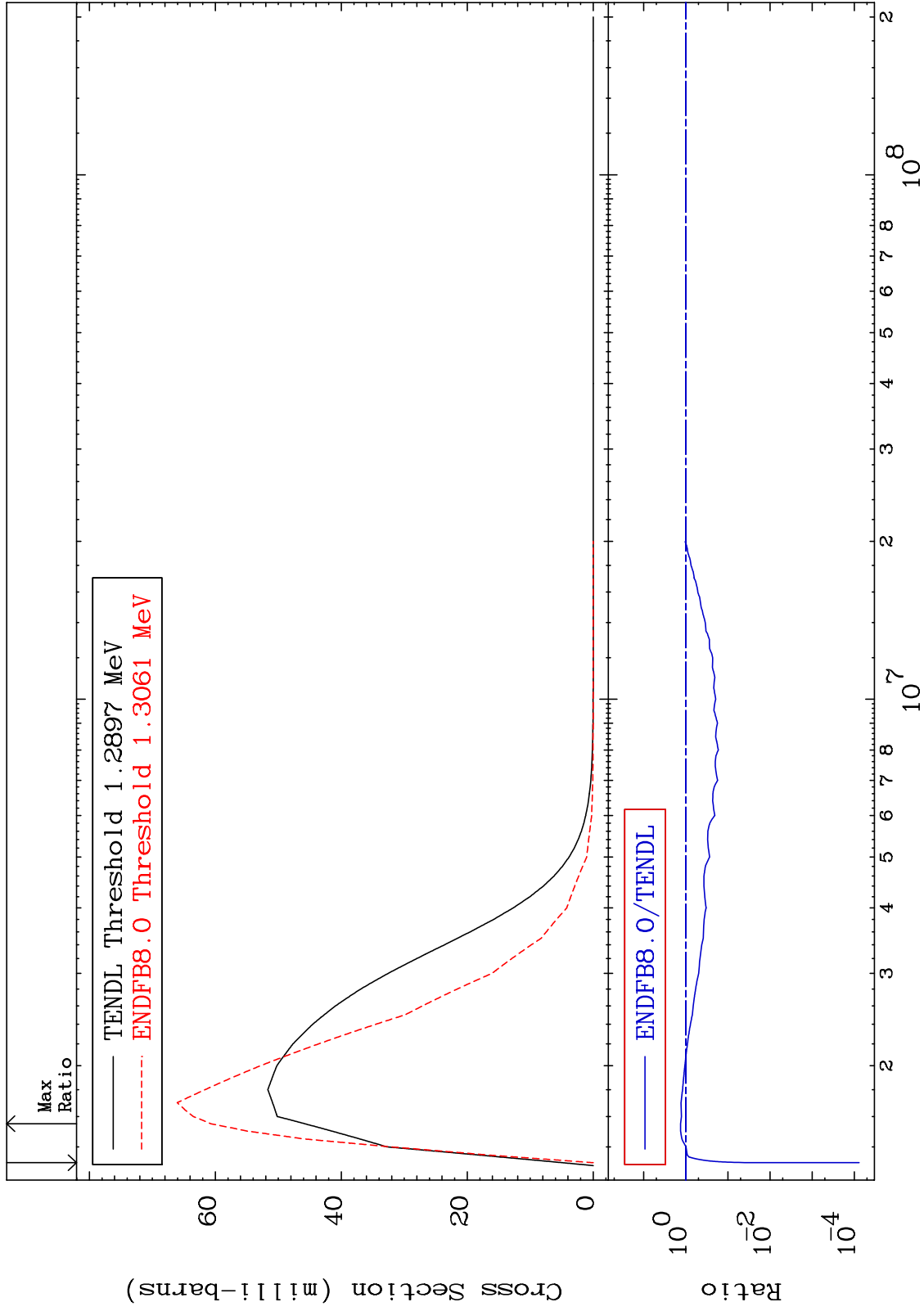
30

45-Rh-103

MAT 4525

MT= 72 (n,n') Level
Cross Section

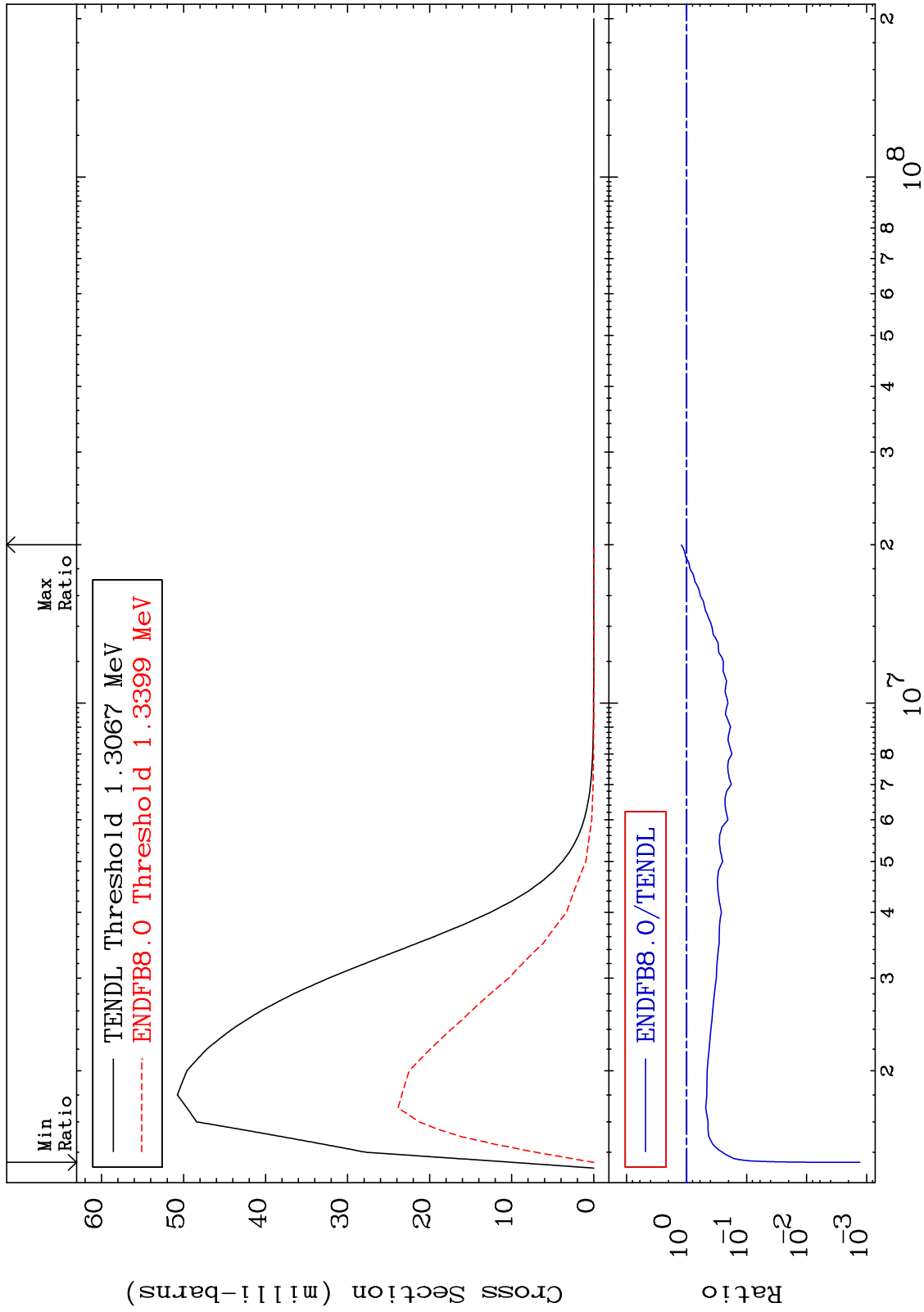
45-Rh-103
-99.99 To 32.52 %



MAT 4525

MT= 73 (n, n') Level
Cross Section

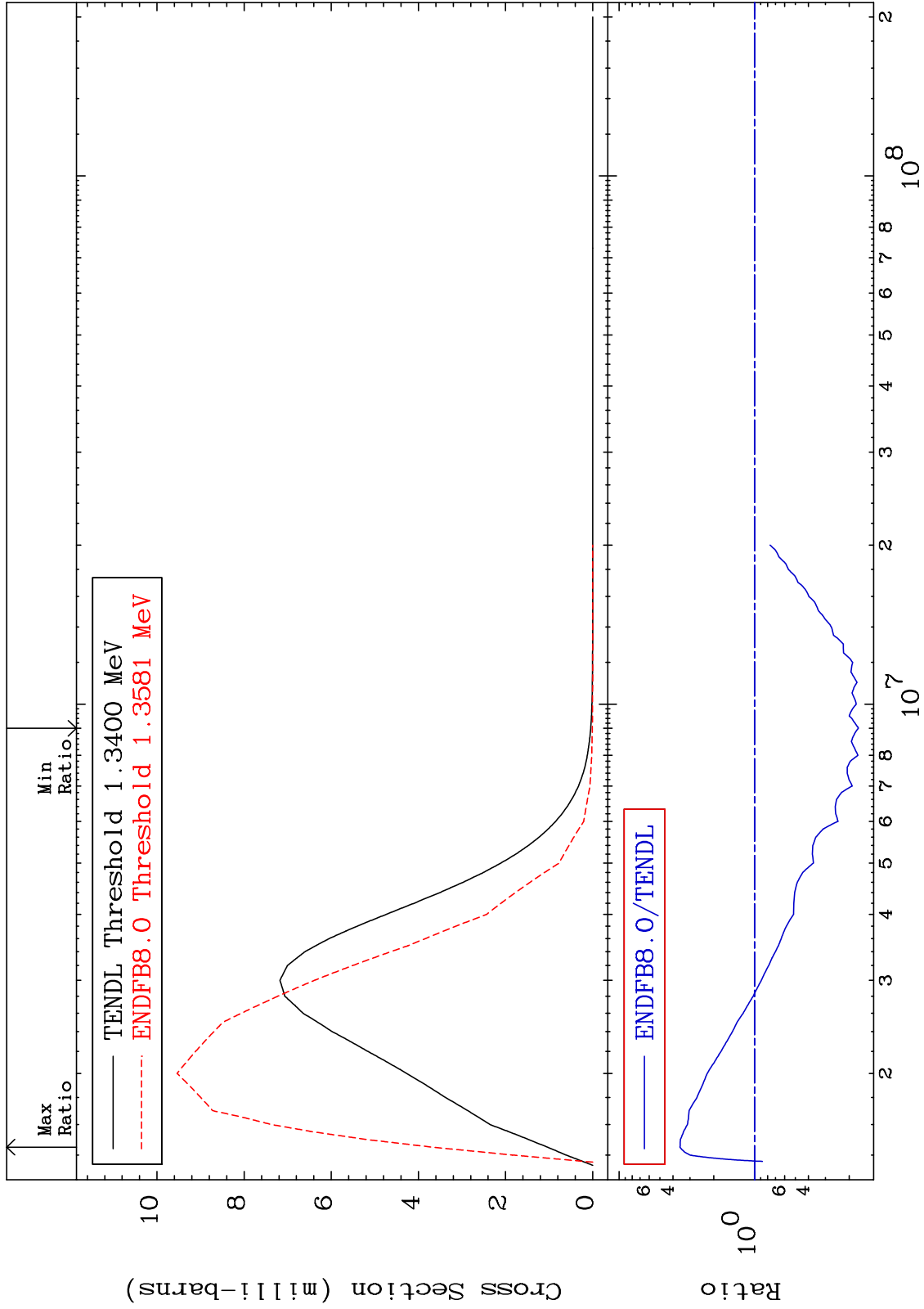
45-Rh-103
-99.87 To 23.00 %



MAT 4525

MT= 74 (n,n') Level
Cross Section

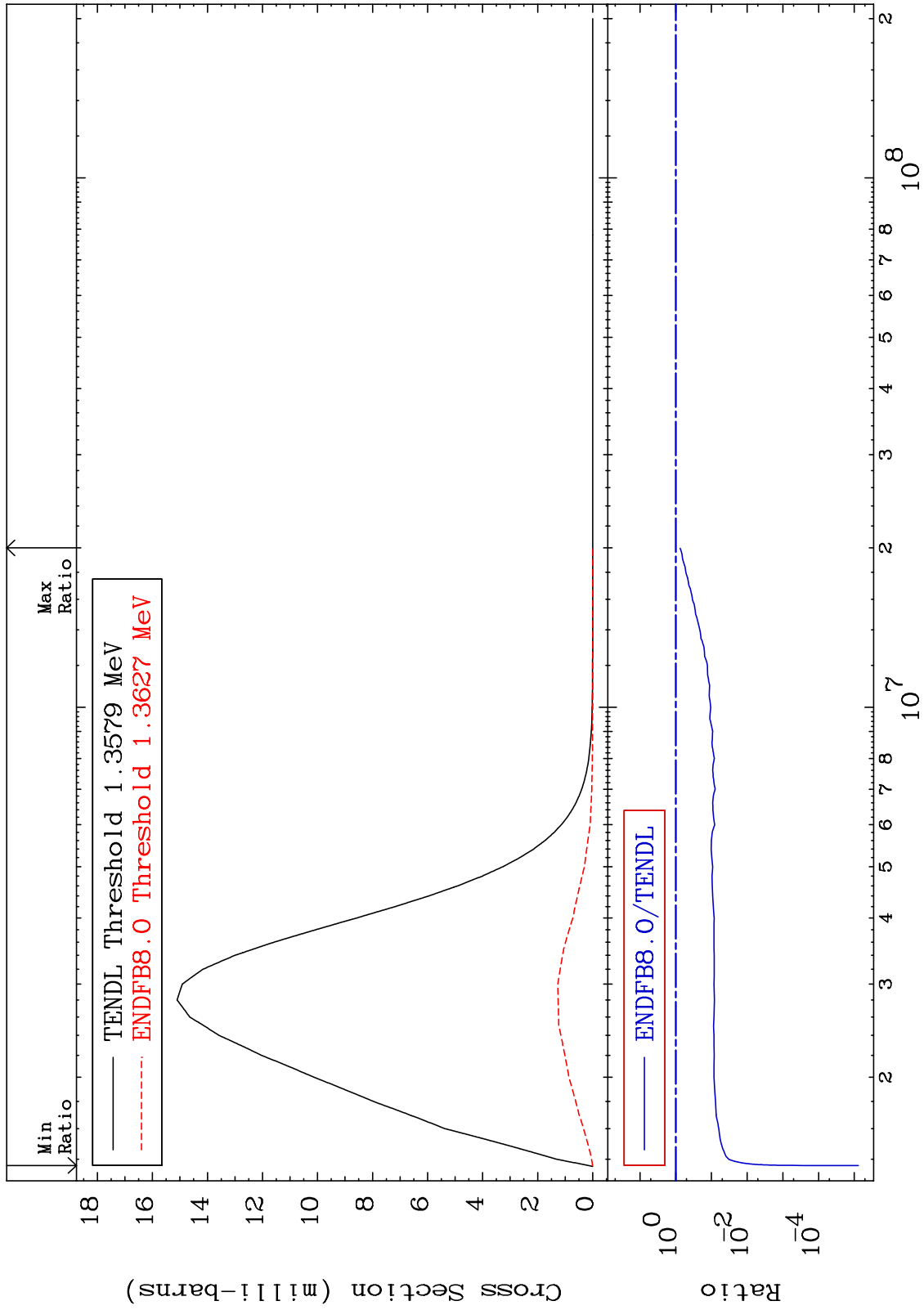
45-Rh-103
-82.91 To 254.7 %



MAT 4525

MT= 75 (n,n') Level
Cross Section

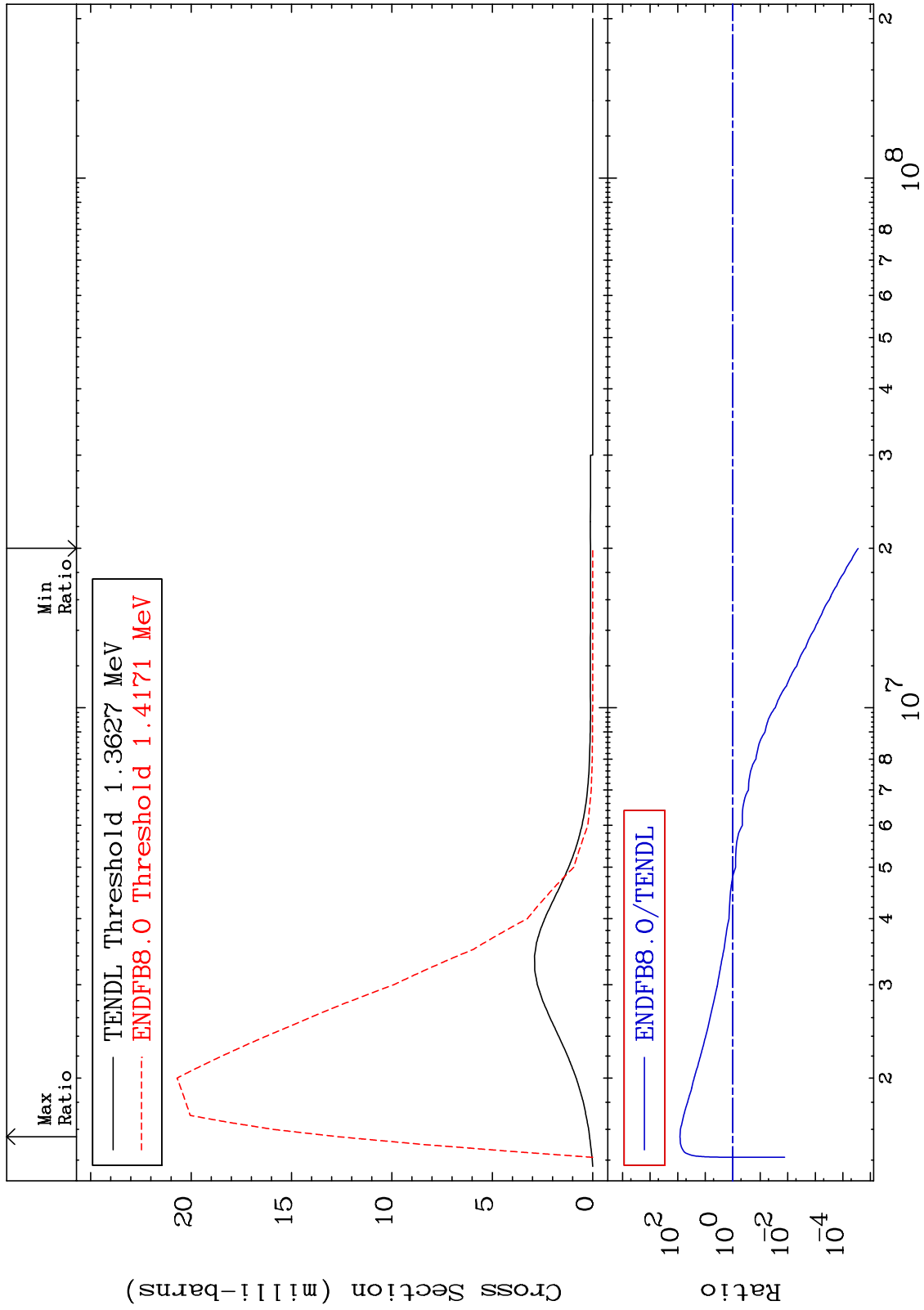
45-Rh-103
-100.0 To -24.00%



MAT 4525

MT= 76 (n,n') Level
Cross Section

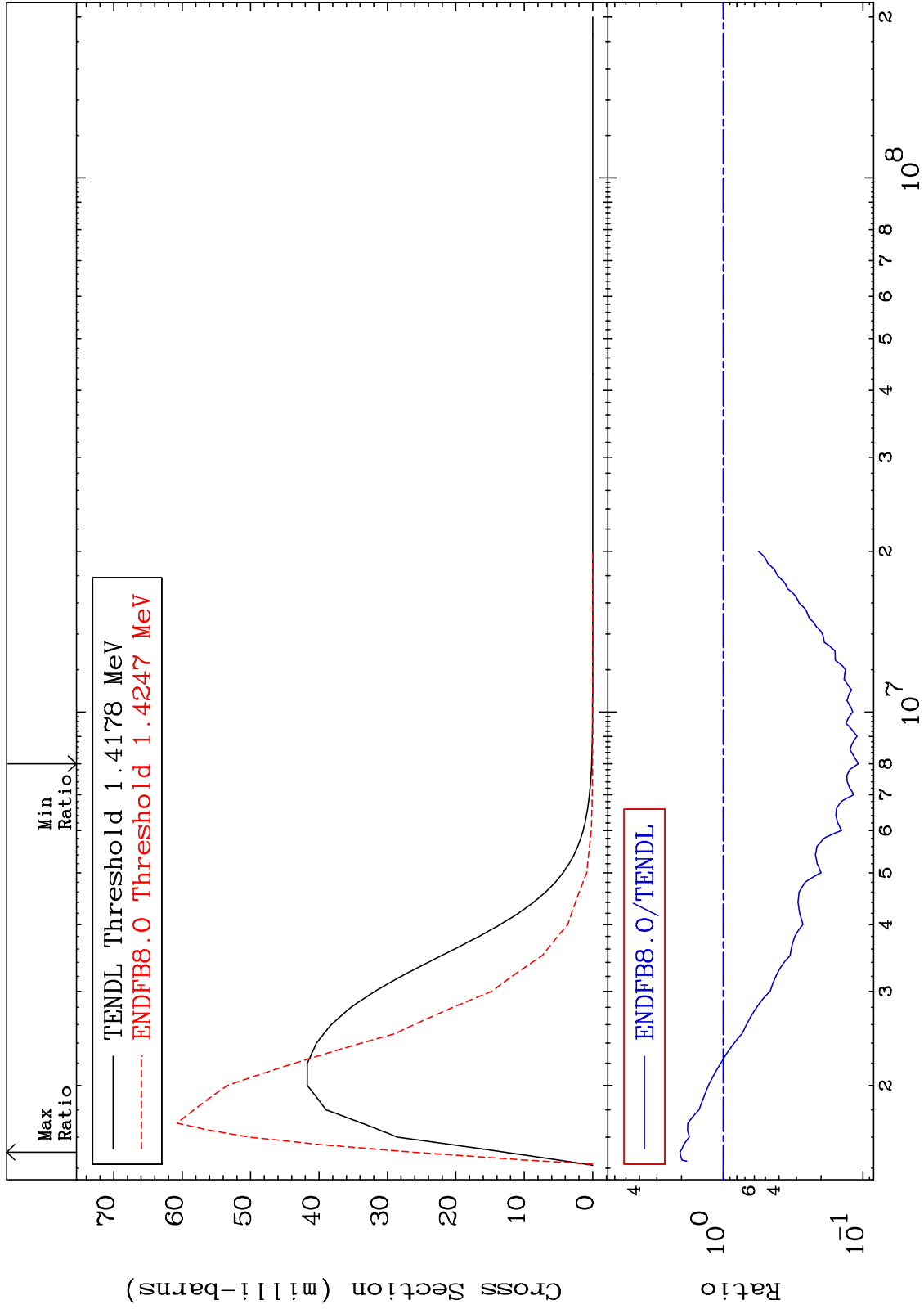
45-Rh-103
-100.0 To 8114. %



MAT 4525

MT= 77 (n,n') Level
Cross Section

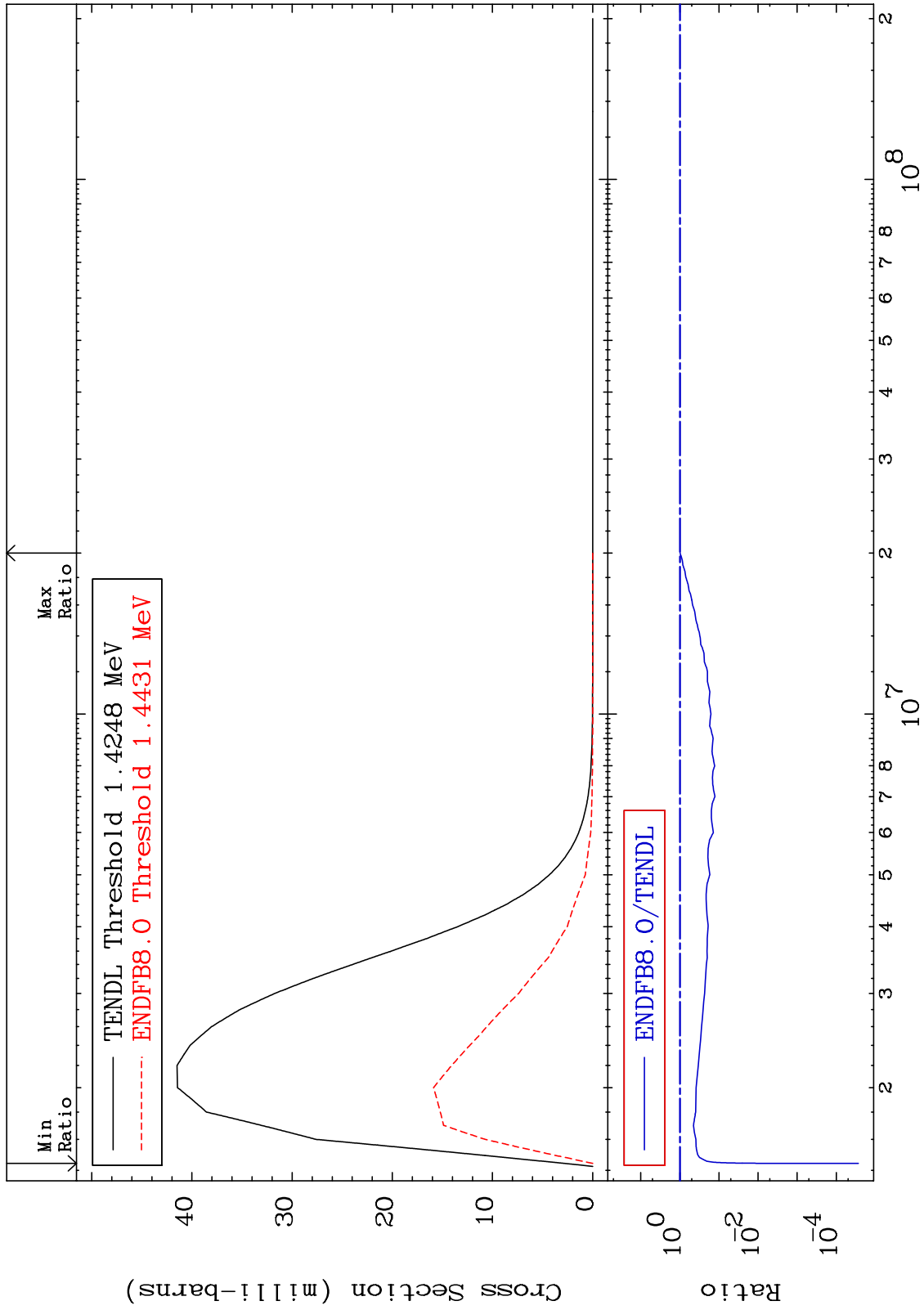
45-Rh-103
-89.21 To 104.6 %



MAT 4525

MT= 78 (n,n') Level
Cross Section

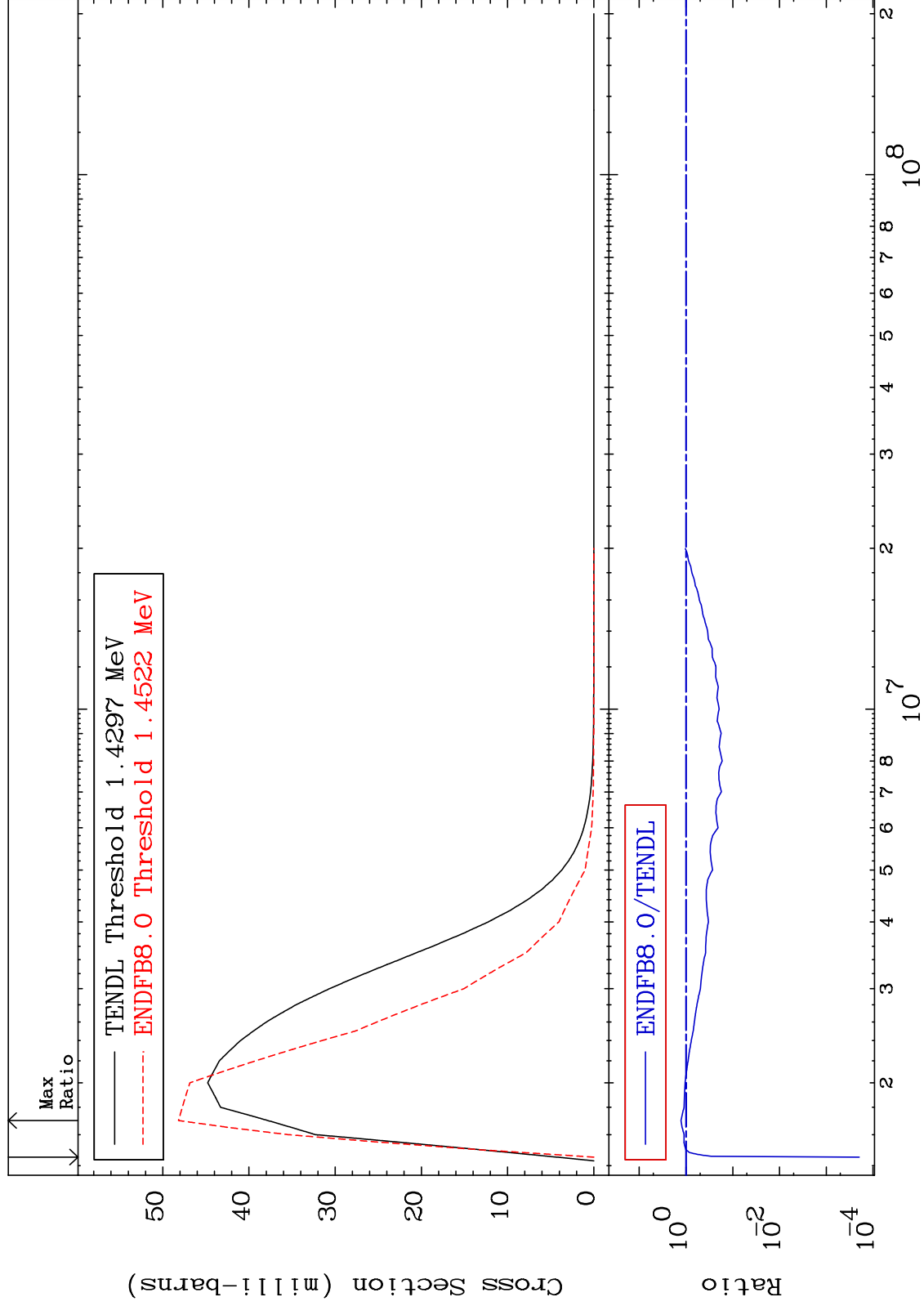
45-Rh-103
-100.0 To -0.822%



MAT 4525

MT= 79 (n,n') Level
Cross Section

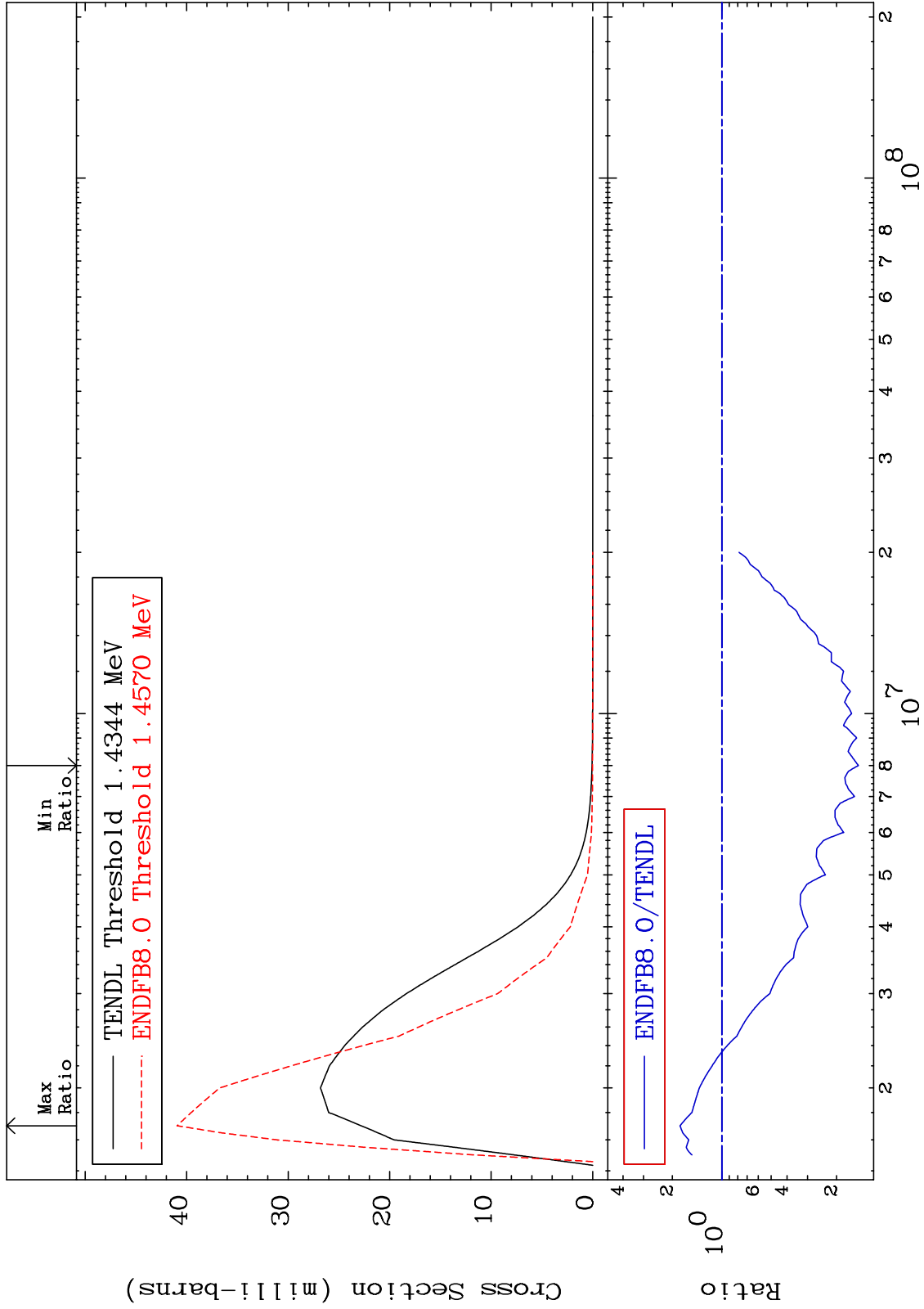
45-Rh-103
-99.98 To 27.43 %



MAT 4525

MT= 80 (n,n') Level
Cross Section

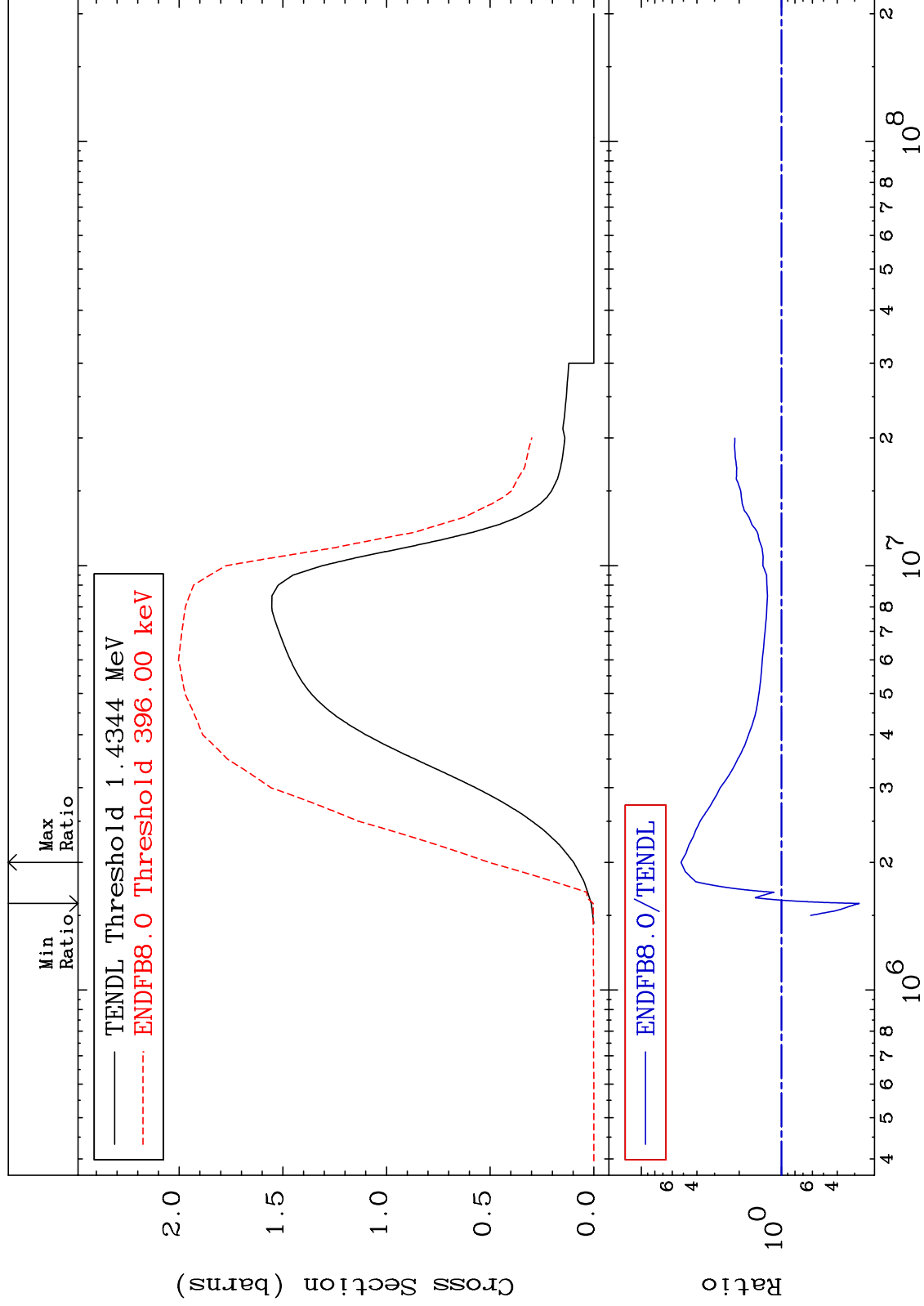
45-Rh-103
-85.28 To 79.61 %



MAT 4525

(n, n') Continuum
Cross Section

45-Rh-103
-72.20 To 419.7 %



40

Incident Energy (eV)

45-Rh-103

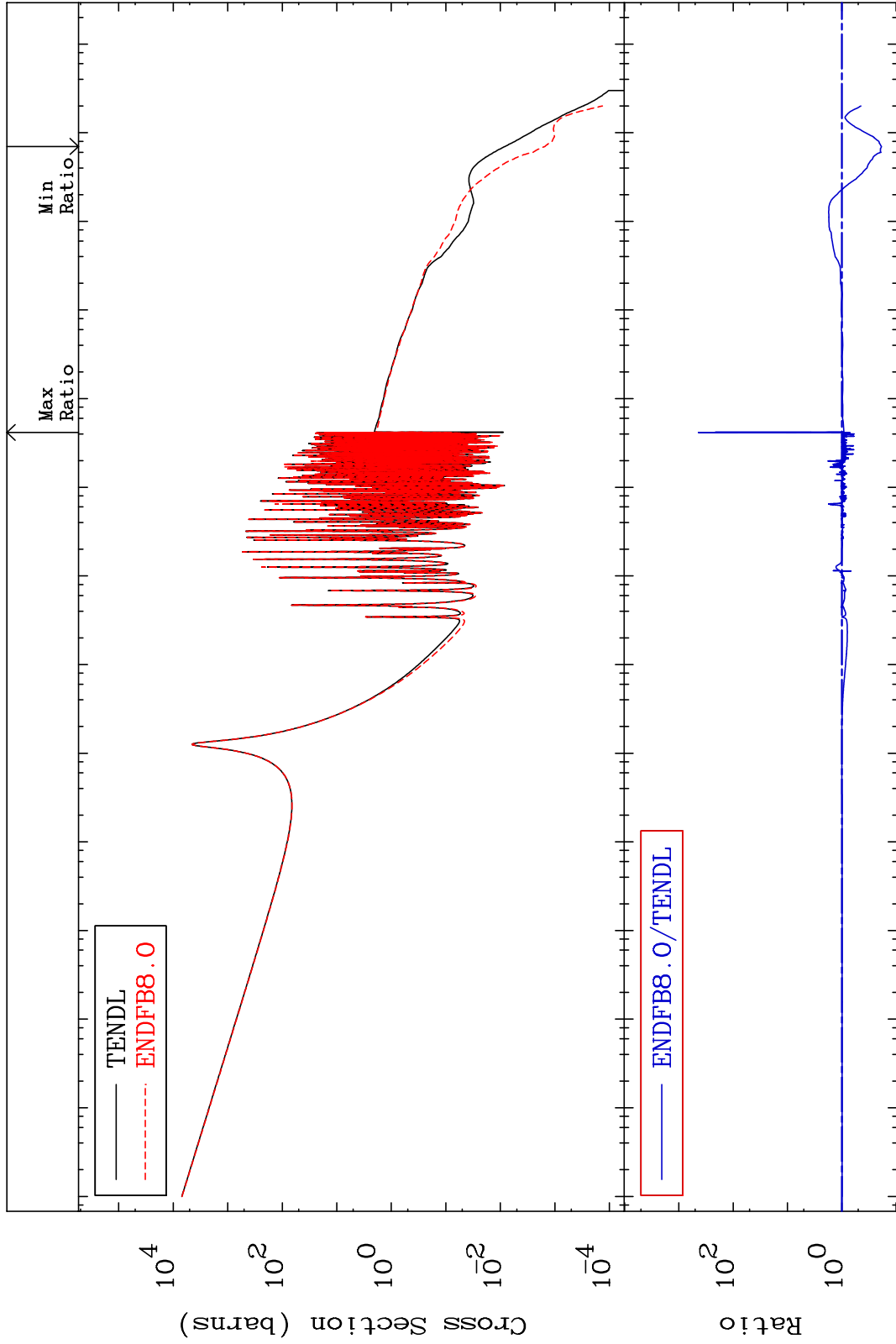
MAT 4525

(n, γ)

45-Rh-103

Cross Section

-81.42 To 9999. %



Incident Energy (eV)

45-Rh-103

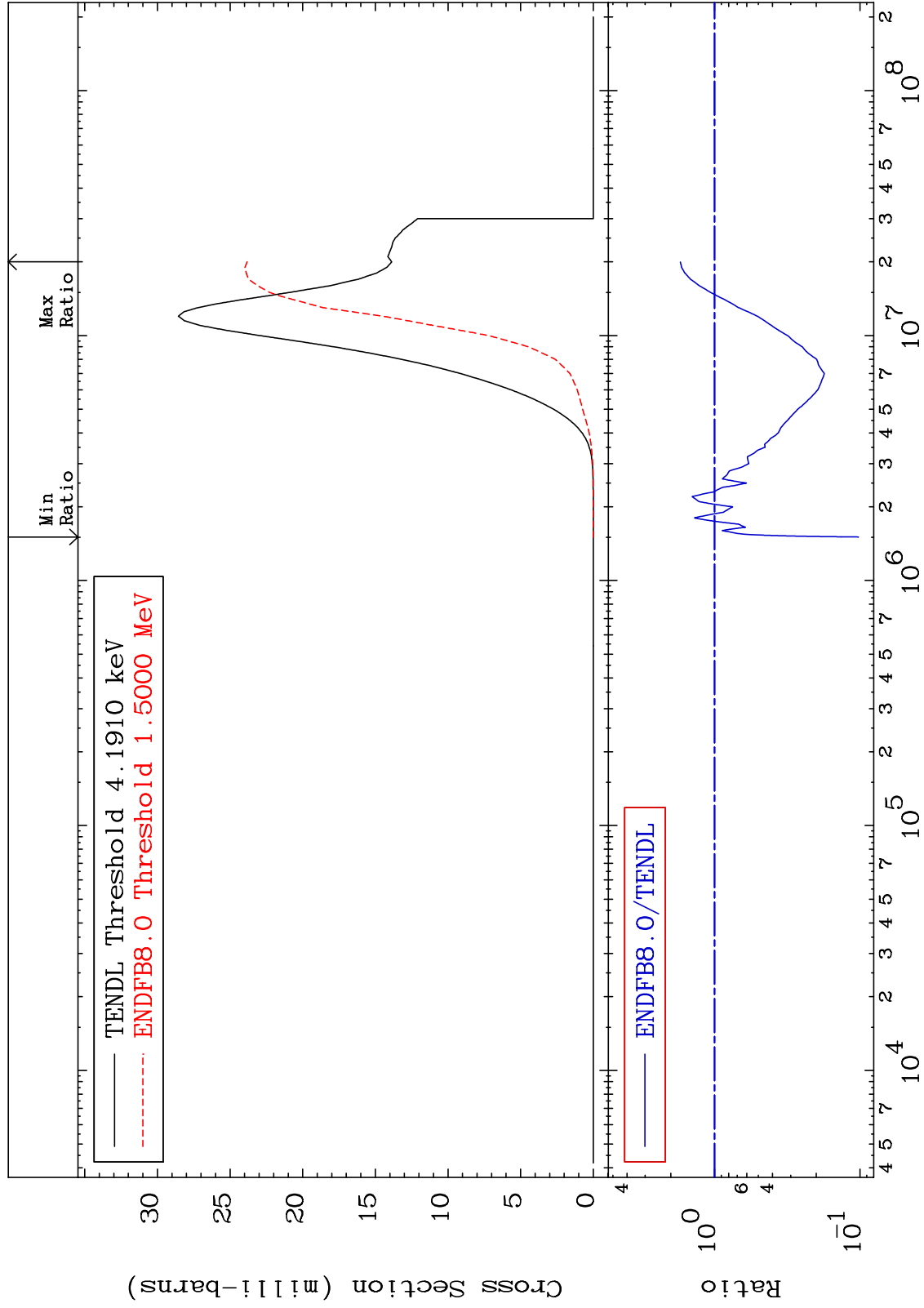
MAT 4525

(n, p)

45-Rh-103

Cross Section

-89.75 To 71.73 %



42

Incident Energy (eV)

45-Rh-103

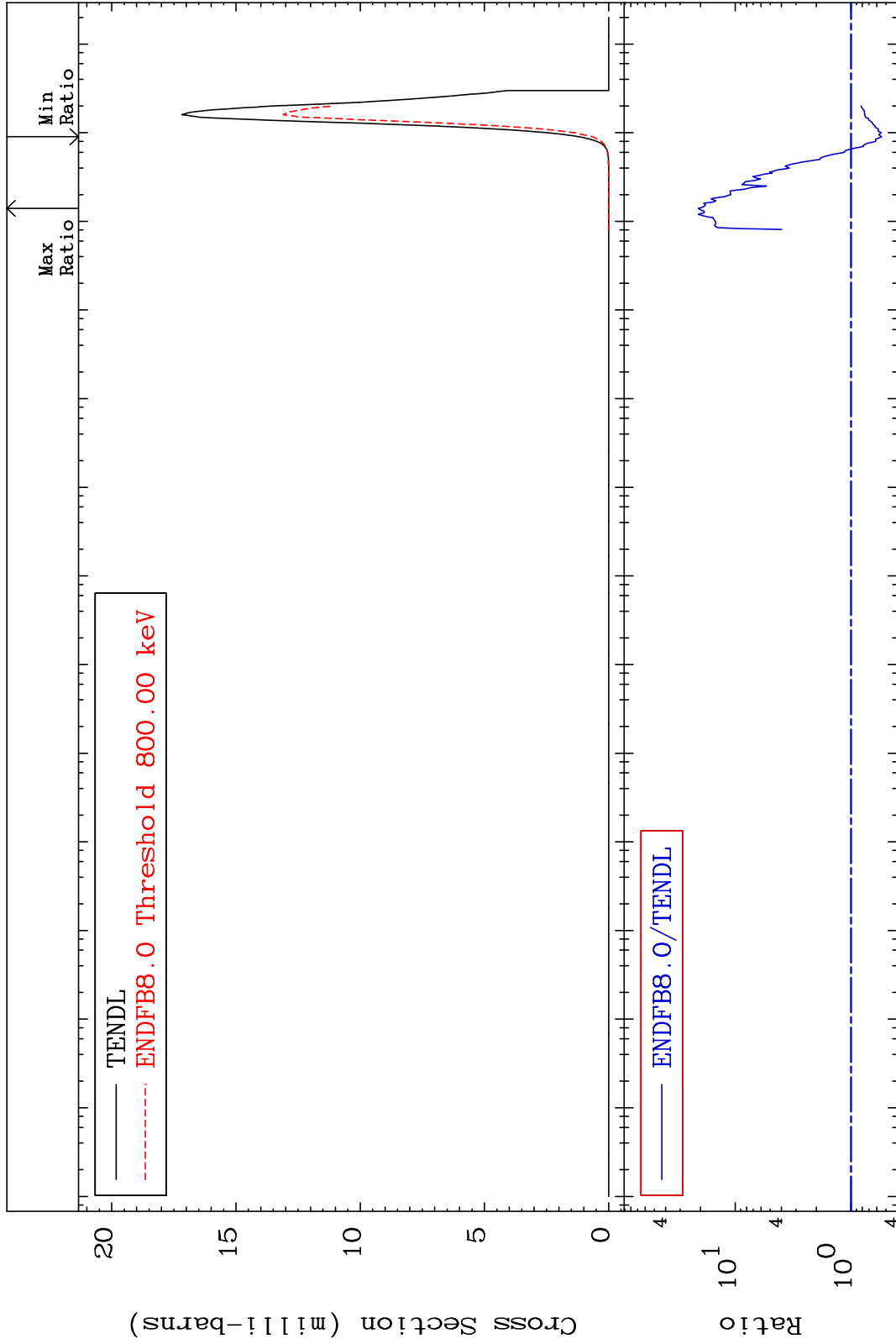
MAT 4525

(n, α)

45-Rh-103

Cross Section

-45.46 To 1987. %



Incident Energy (eV)

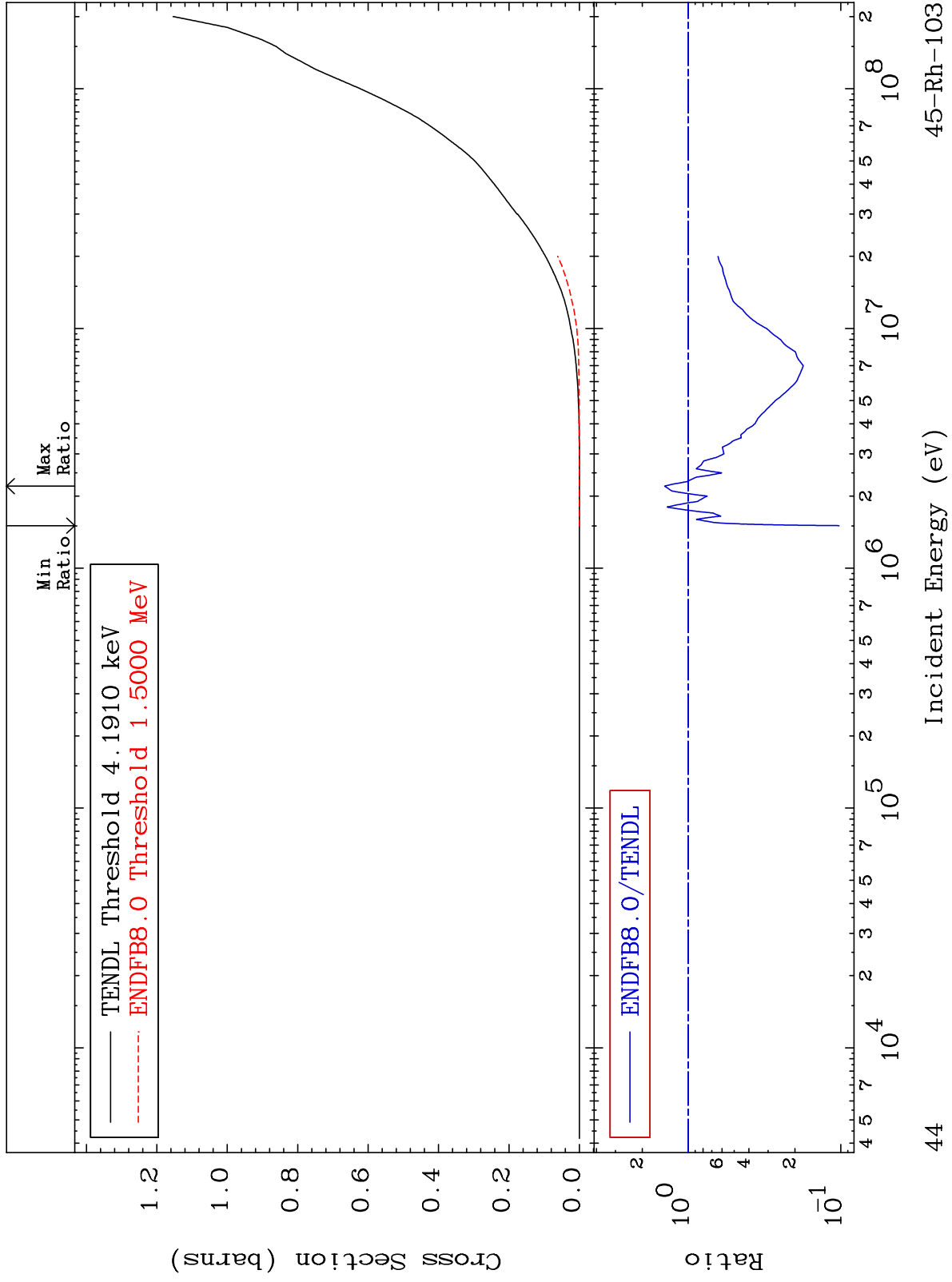
45-Rh-103

43

MAT 4525

Hydrogen Production
Cross Section

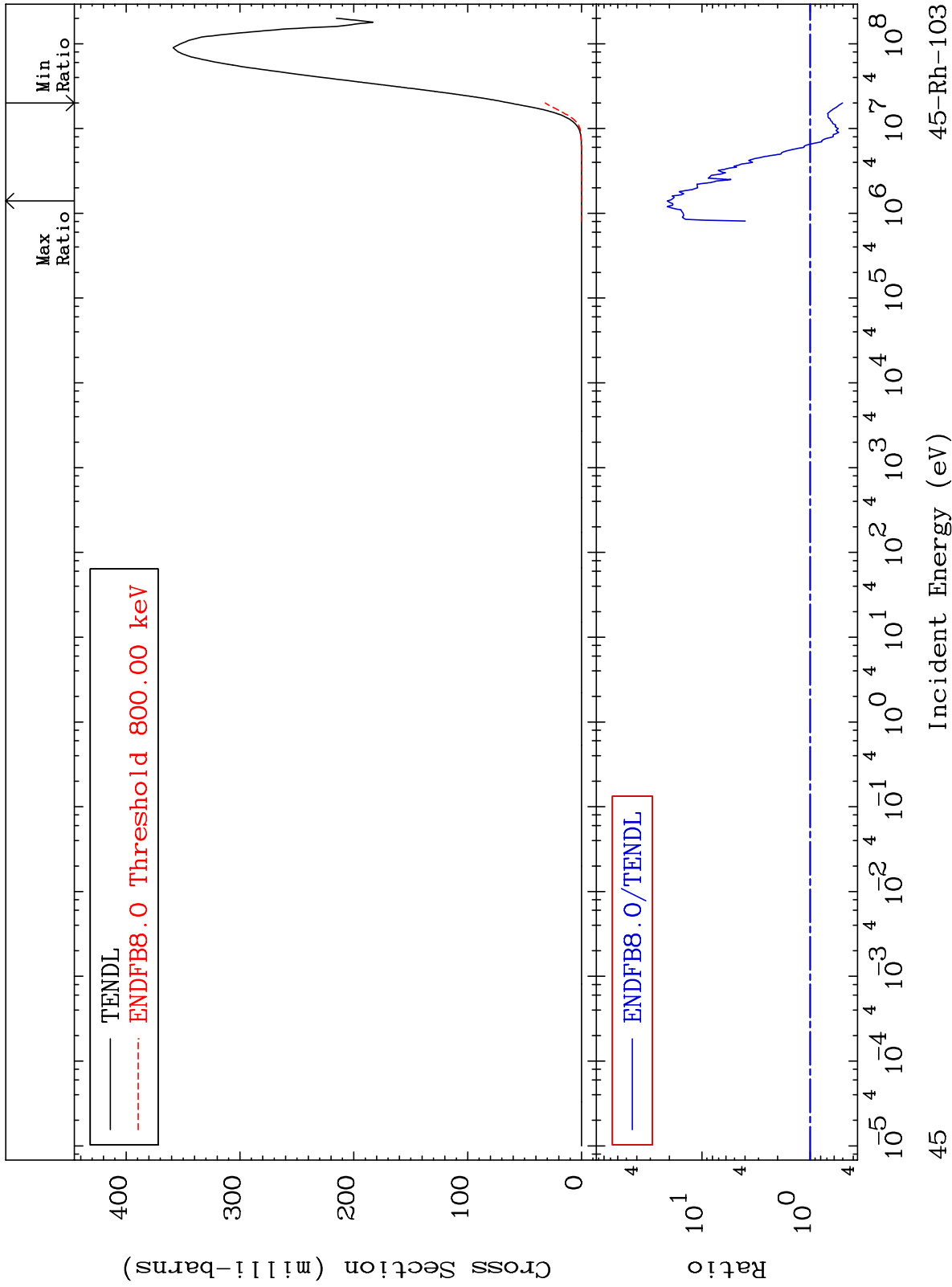
45-Rh-103
-89.75 To 42.51 %



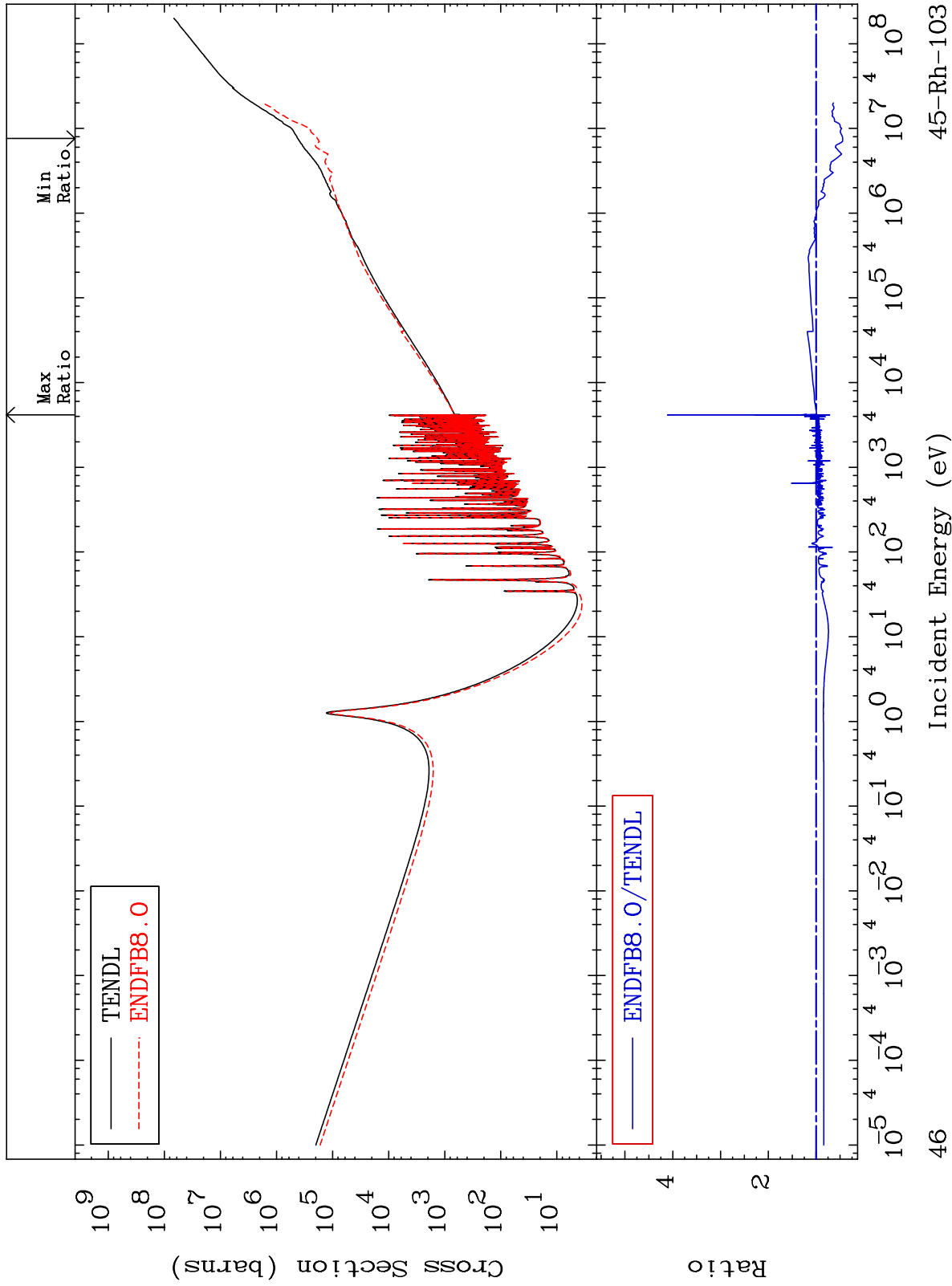
MAT 4525

He-4 Production
Cross Section

45-Rh-103
-49.77 To 1987. %



MAT 4525 Kerma total (eV-barns) 45-Rh-103
Cross Section -55.45 To 310.9 %

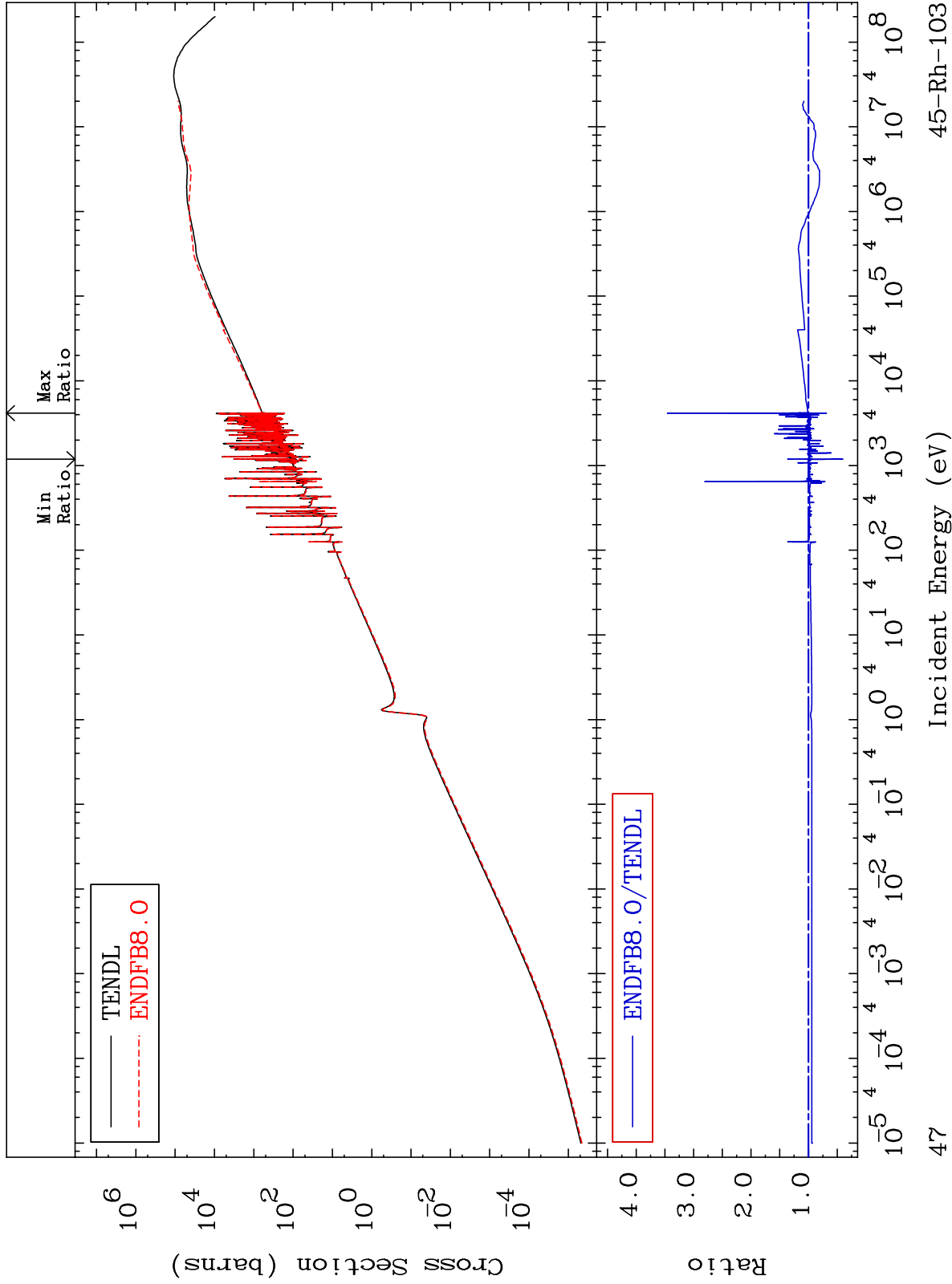


45-Rh-103

MAT 4525

Kerma elastic
Cross Section

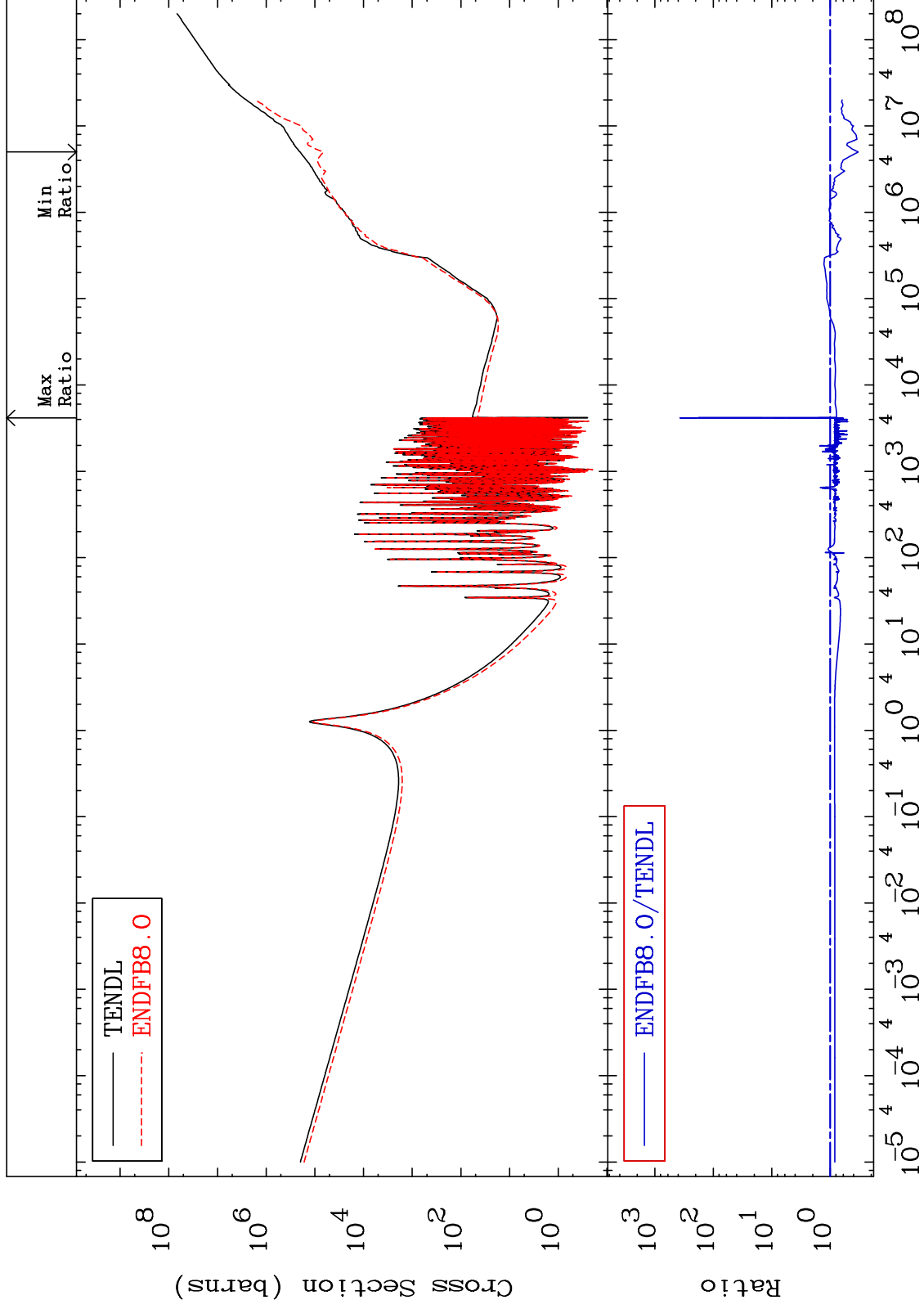
45-Rh-103
-59.55 To 245.5 %



MAT 4525

Kerma non-elastic (all but mt2)
Cross Section

45-Rh-103
-66.96 To 9999. %



48

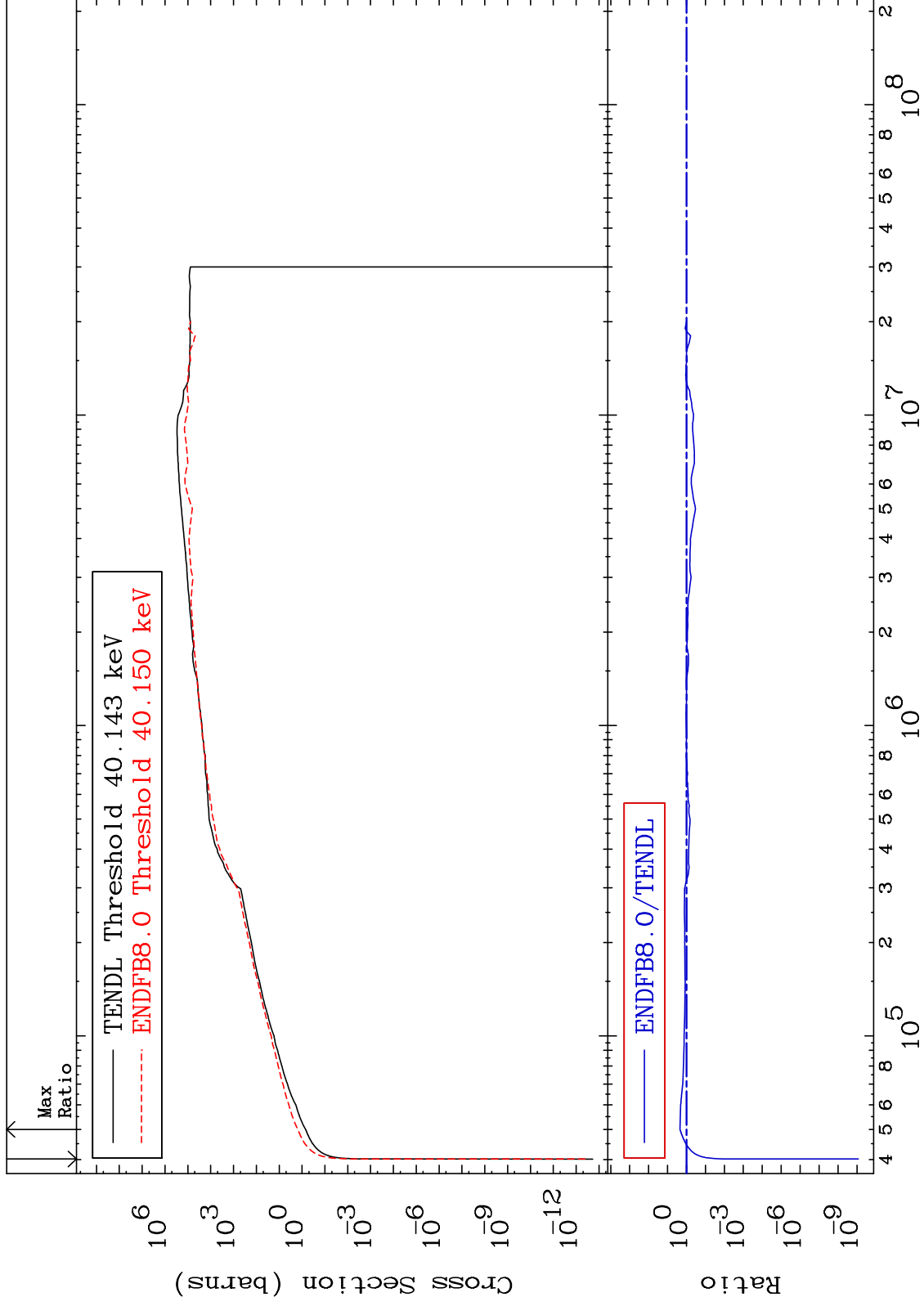
Incident Energy (eV)

45-Rh-103

MAT 4525

Kerma inelastic (mt51-91)
Cross Section

45-Rh-103
-100.0 To 119.3 %



49

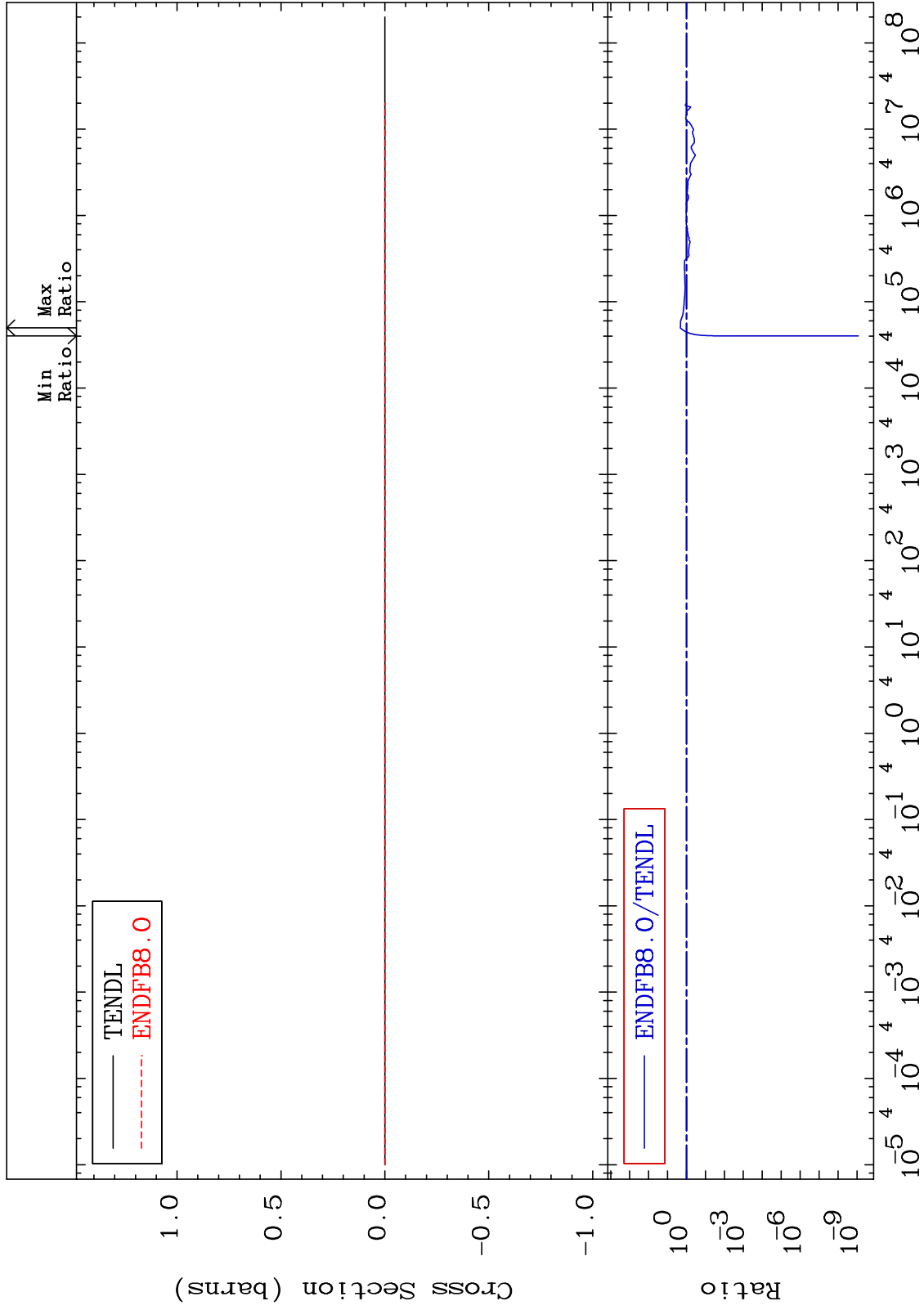
Incident Energy (eV)

45-Rh-103

MAT 4525

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

45-Rh-103
-100.0 To 119.3 %



50

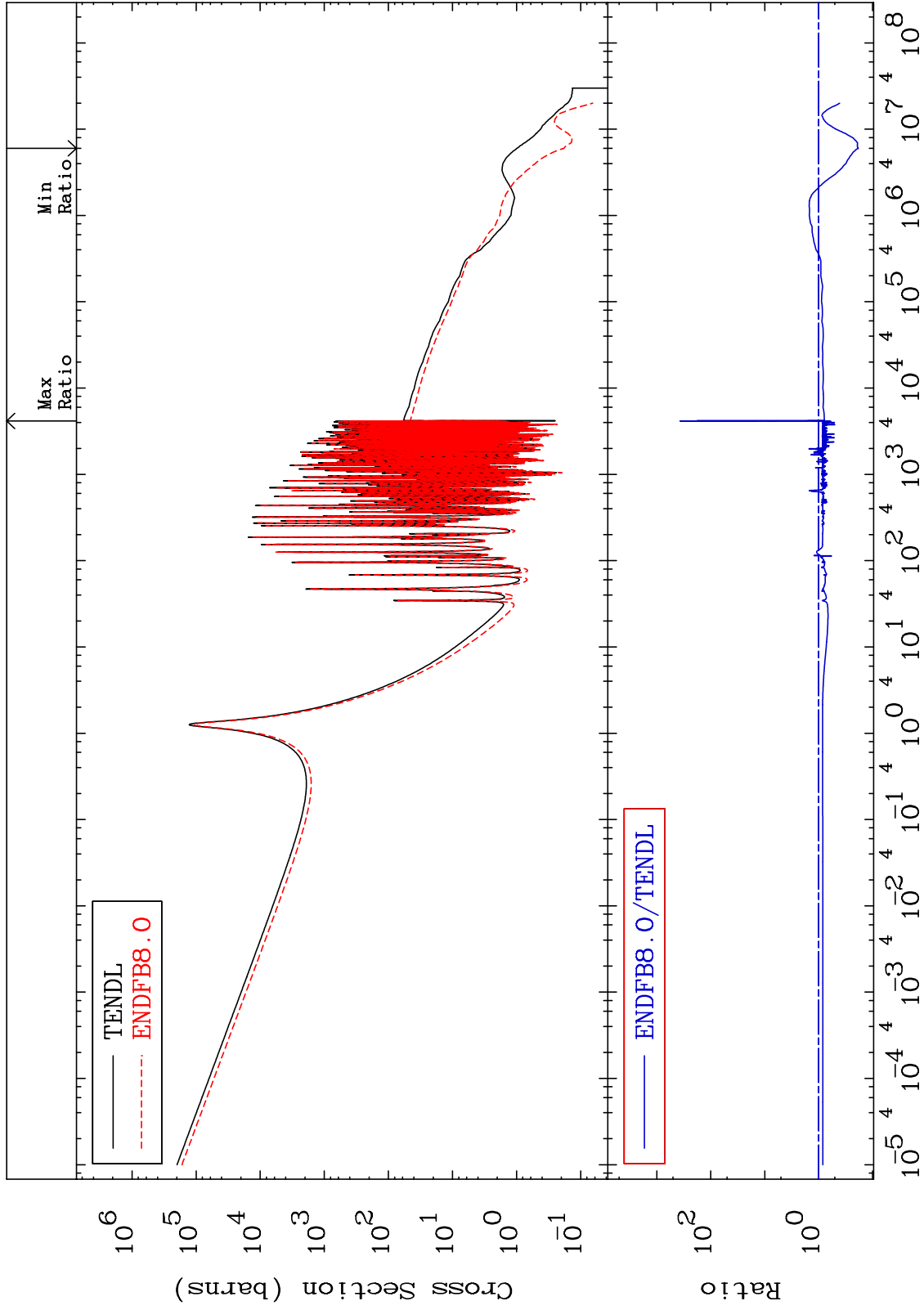
Incident Energy (eV)

45-Rh-103

MAT 4525

Kerma capture (mt102)
Cross Section

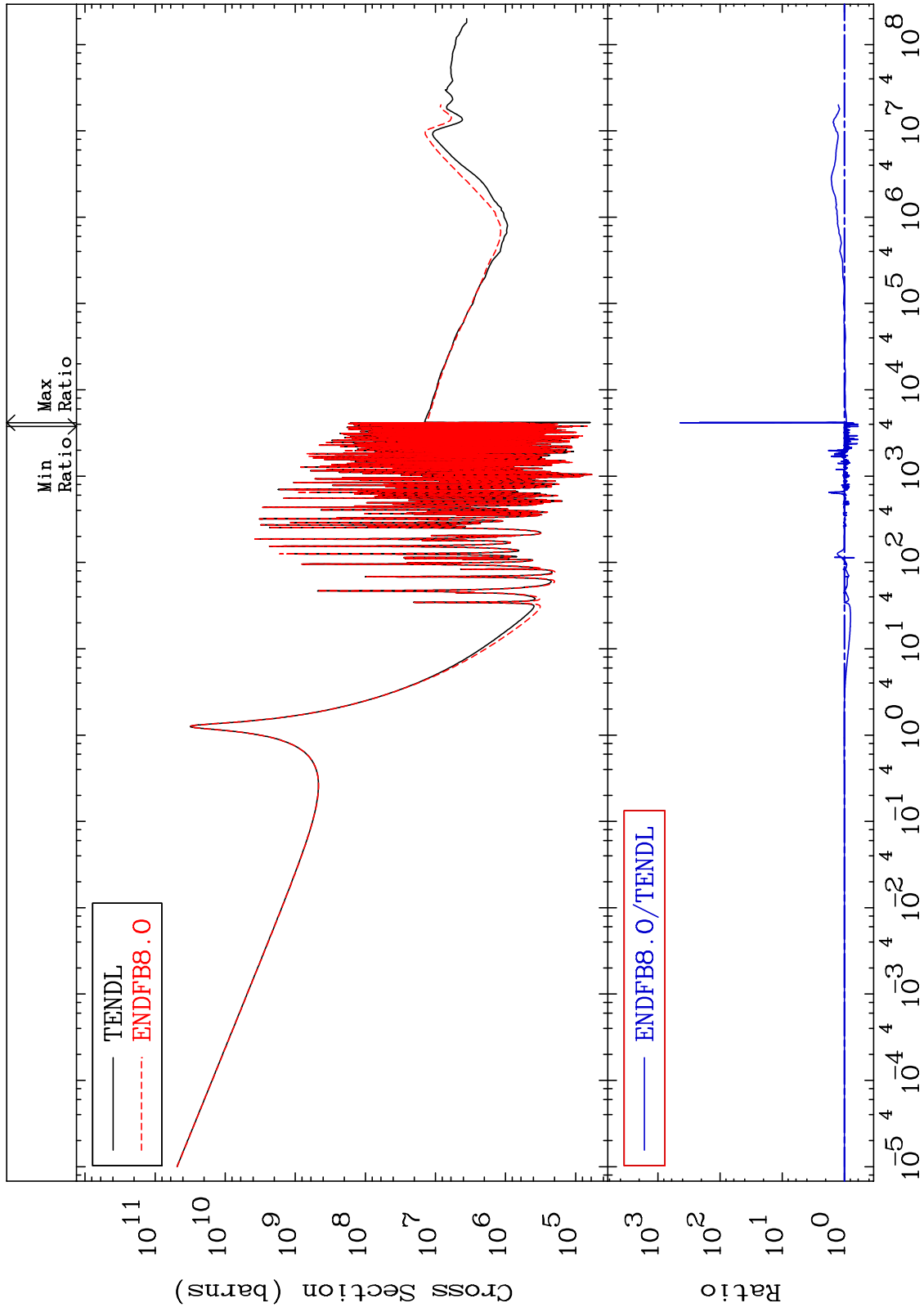
45-Rh-103
-81.71 To 9999. %



MAT 4525

Total photon (eV-barns)
Cross Section

45-Rh-103
-40.67 To 9999. %



52

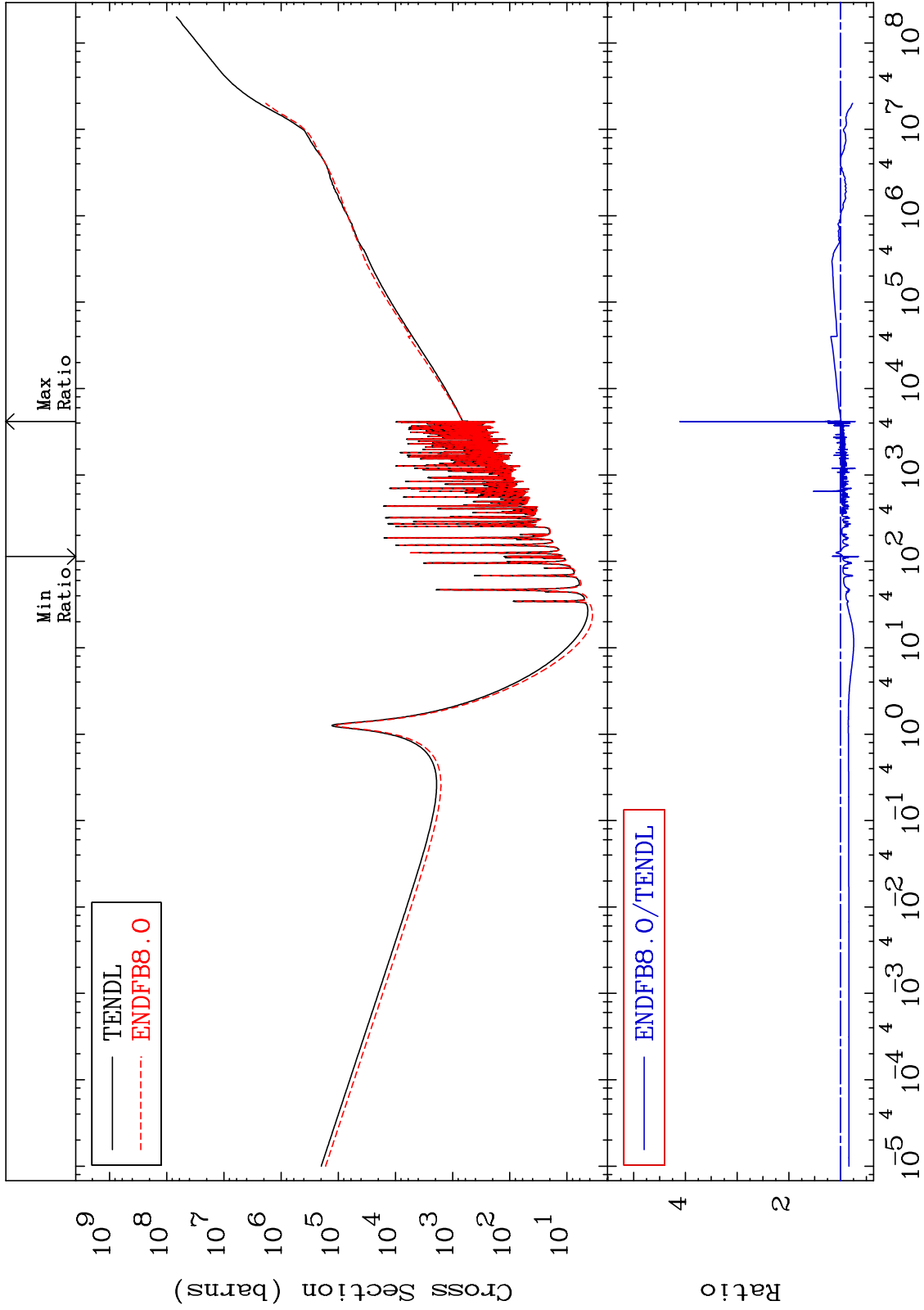
Incident Energy (eV)

45-Rh-103

MAT 4525

Total kinematic kerma (high limit)
Cross Section

45-Rh-103
-34.57 To 310.9 %



53

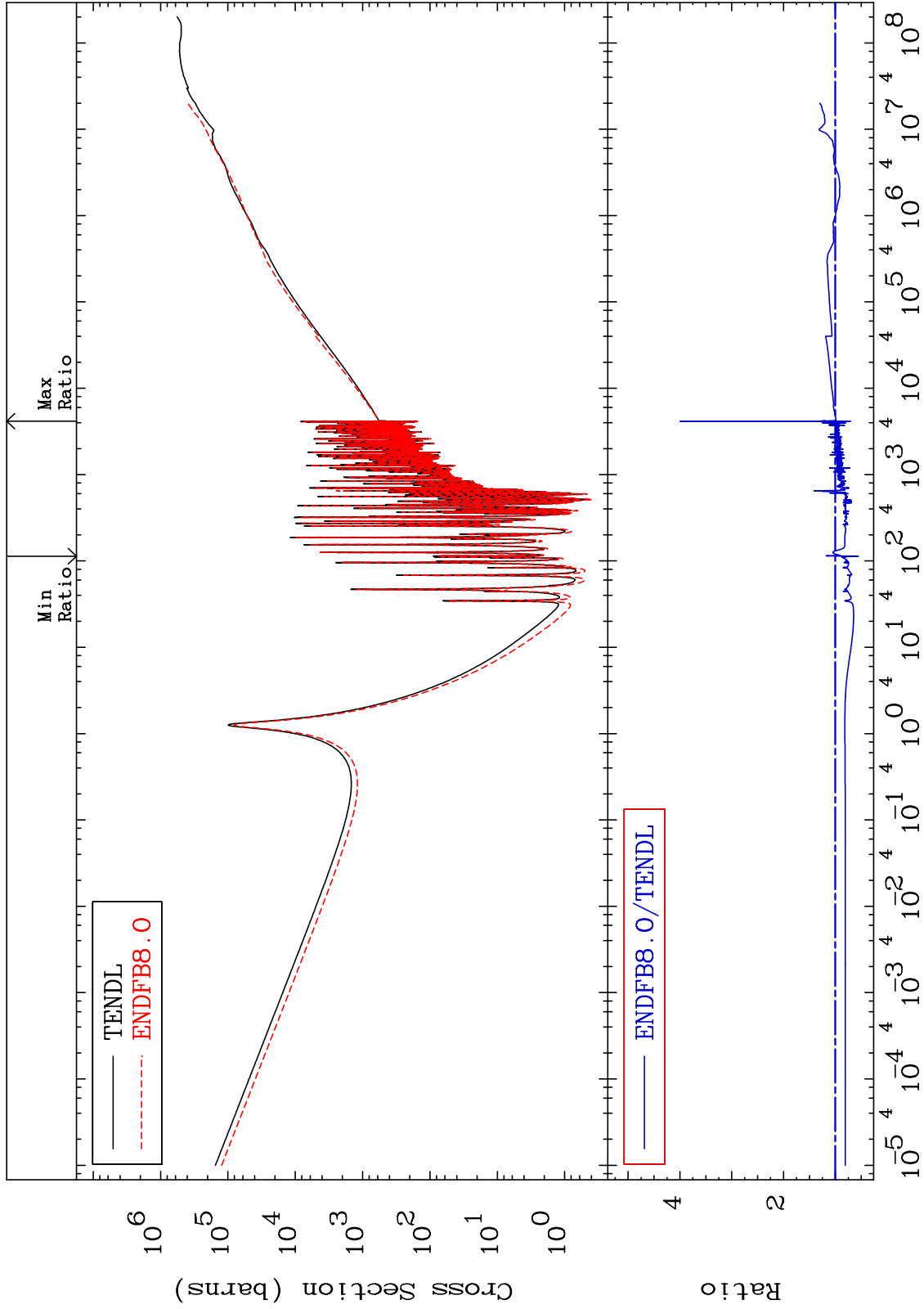
Incident Energy (eV)

45-Rh-103

MAT 4525

Dpa total (eV-barns)
Cross Section

45-Rh-103
-44.58 To 299.8 %



54

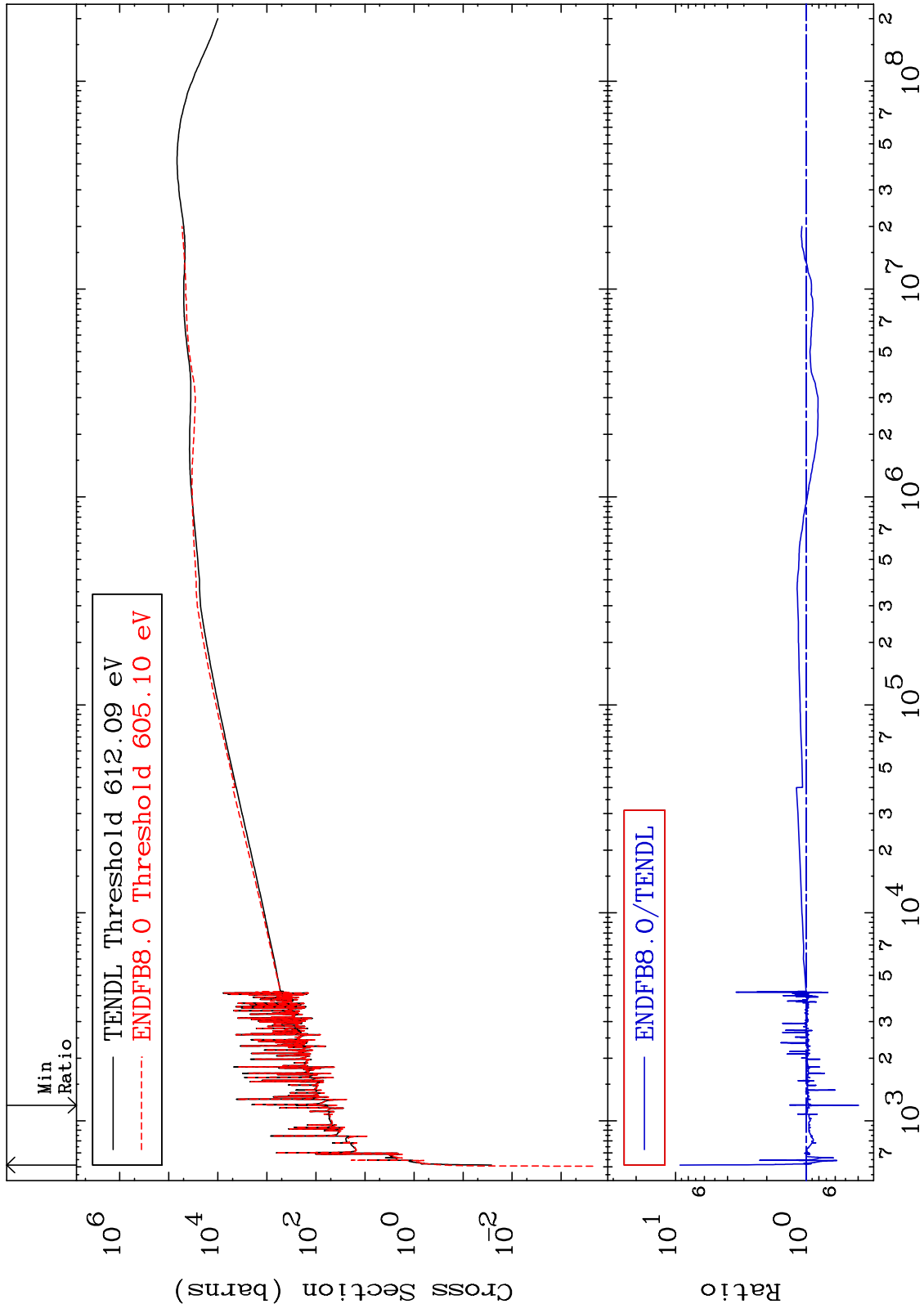
Incident Energy (eV)

45-Rh-103

MAT 4525

Dpa elastic (mt2)
Cross Section

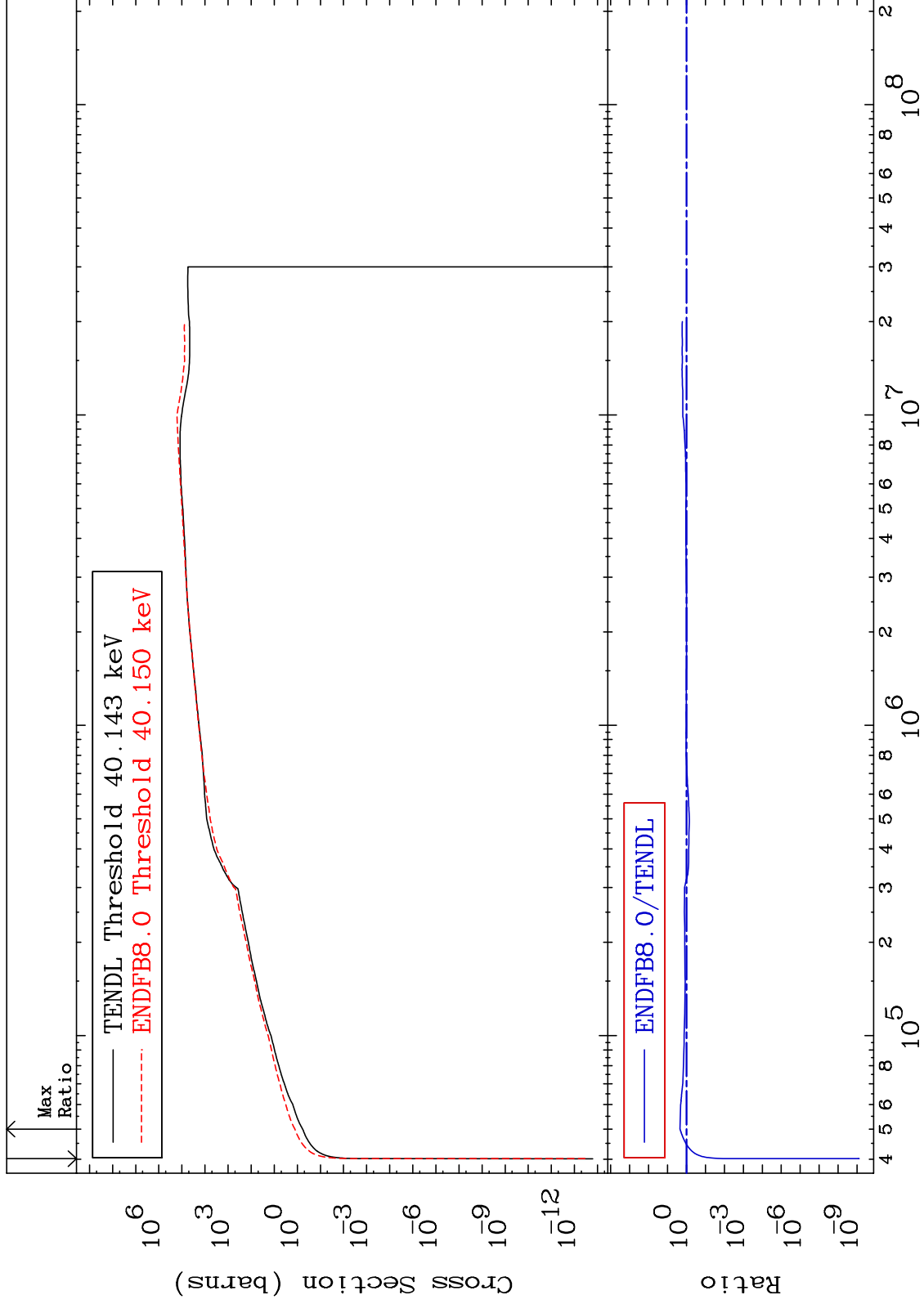
45-Rh-103
-60.18 To 823.1 %



MAT 4525

Dpa inelastic (mt51-91)
Cross Section

45-Rh-103
-100.0 To 119.3 %



56

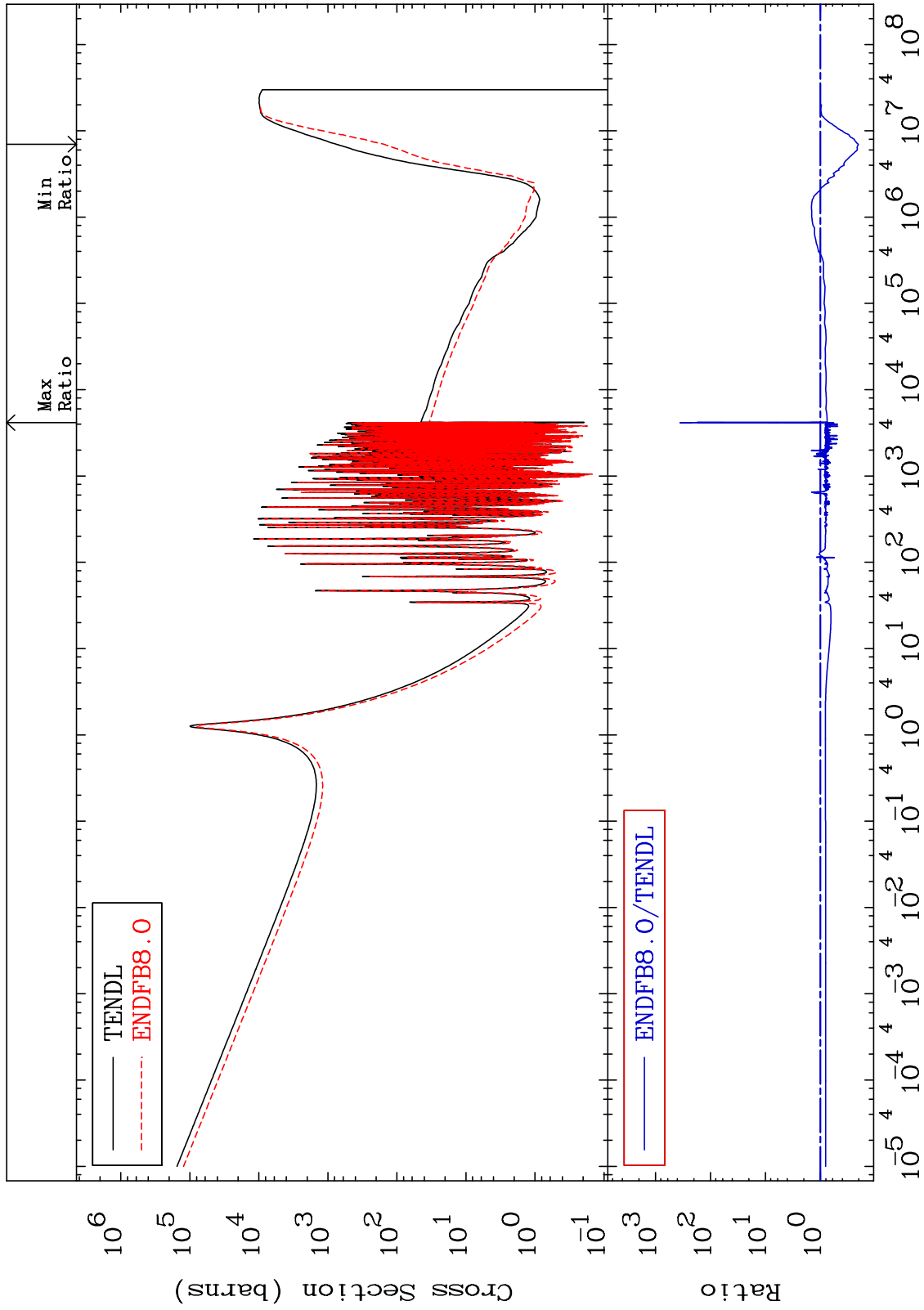
Incident Energy (eV)

45-Rh-103

MAT 4525

Dpa disappearance (mt102 -120)
Cross Section

45-Rh-103
-79.60 To 9999. %



57

Incident Energy (eV)

45-Rh-103