

Program Complot
(Version 2018-1)

by

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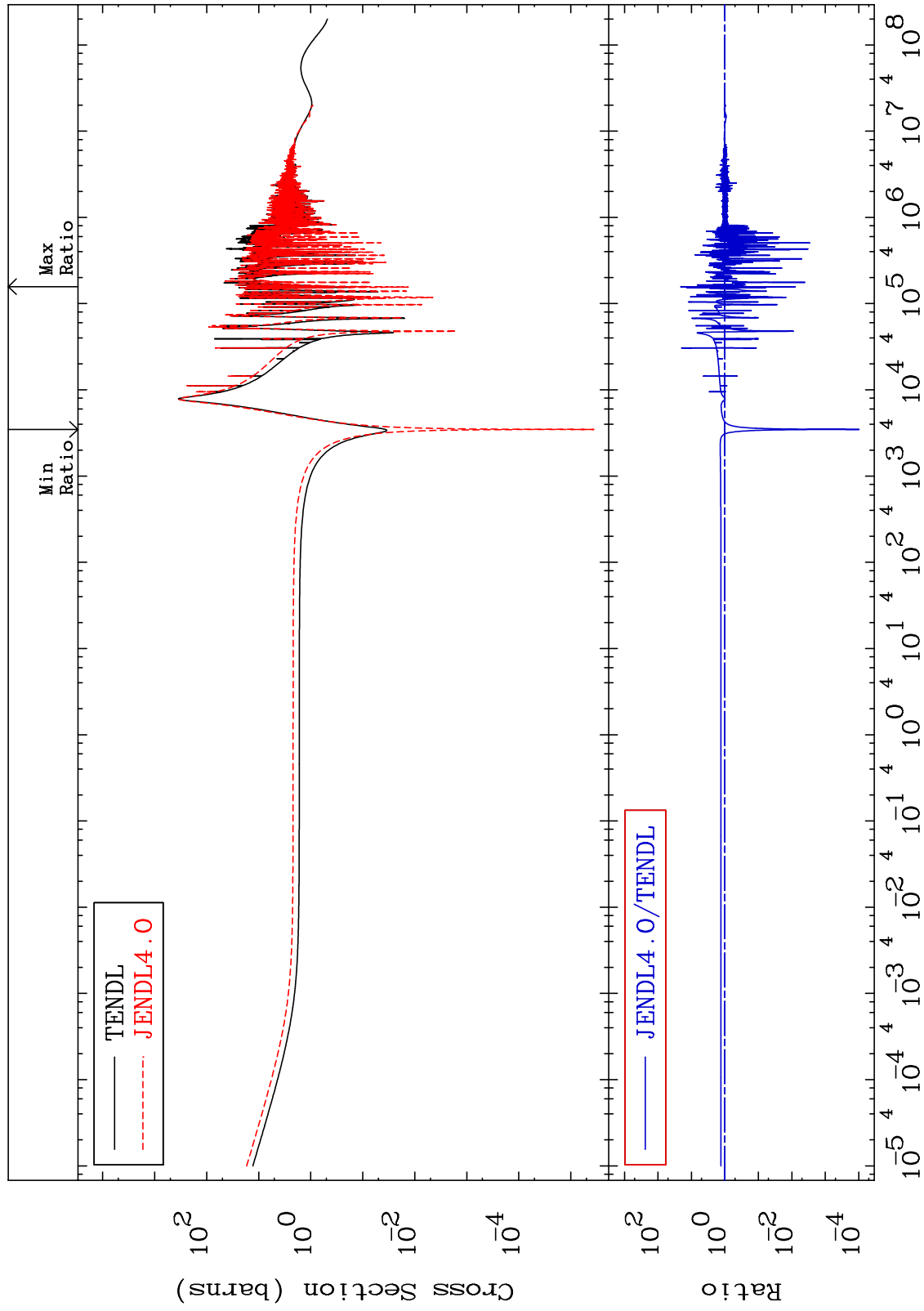
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2625

Elastic
Cross Section

26-Fe-54
-99.99 To 1970. %

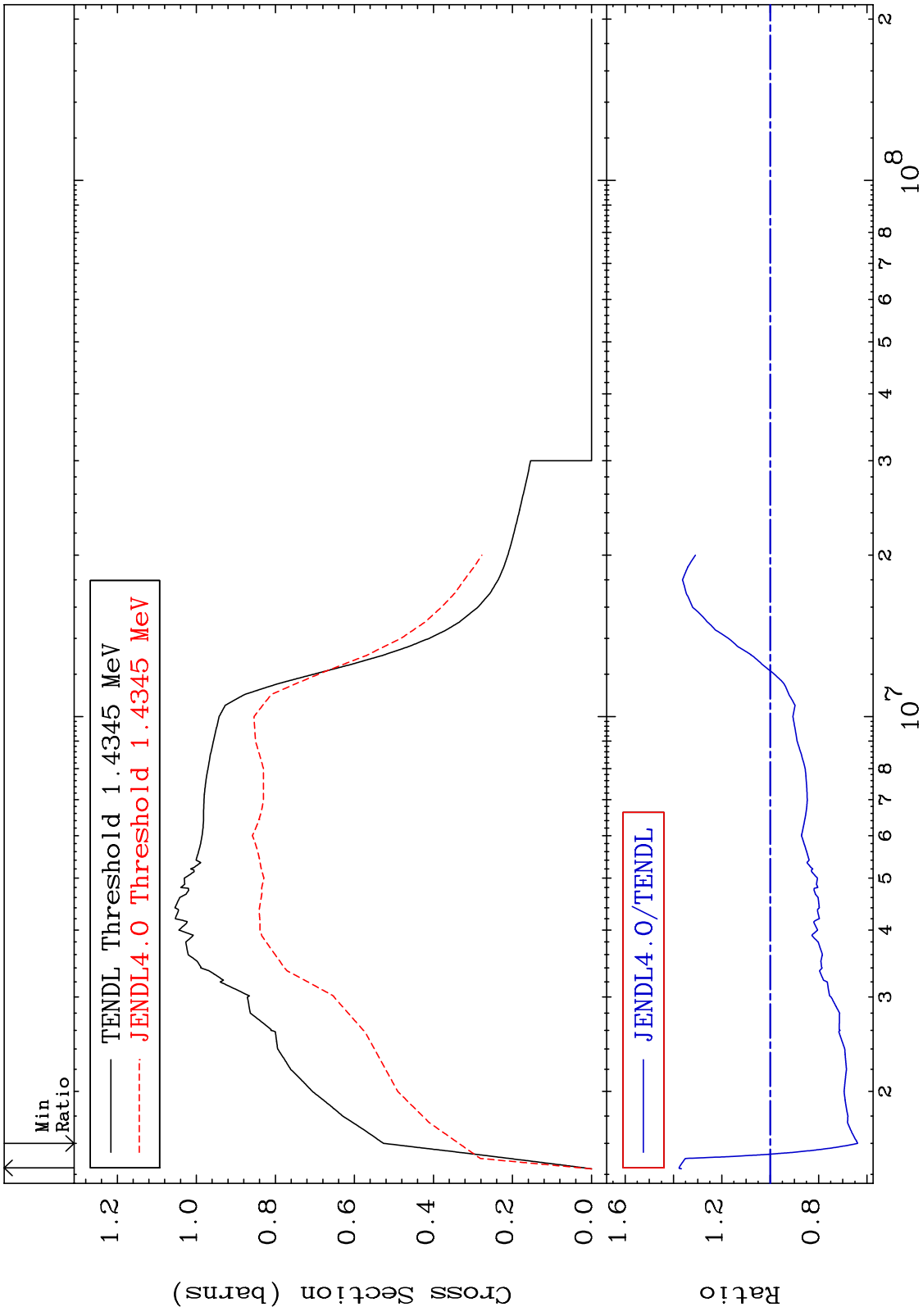


2

Incident Energy (eV)

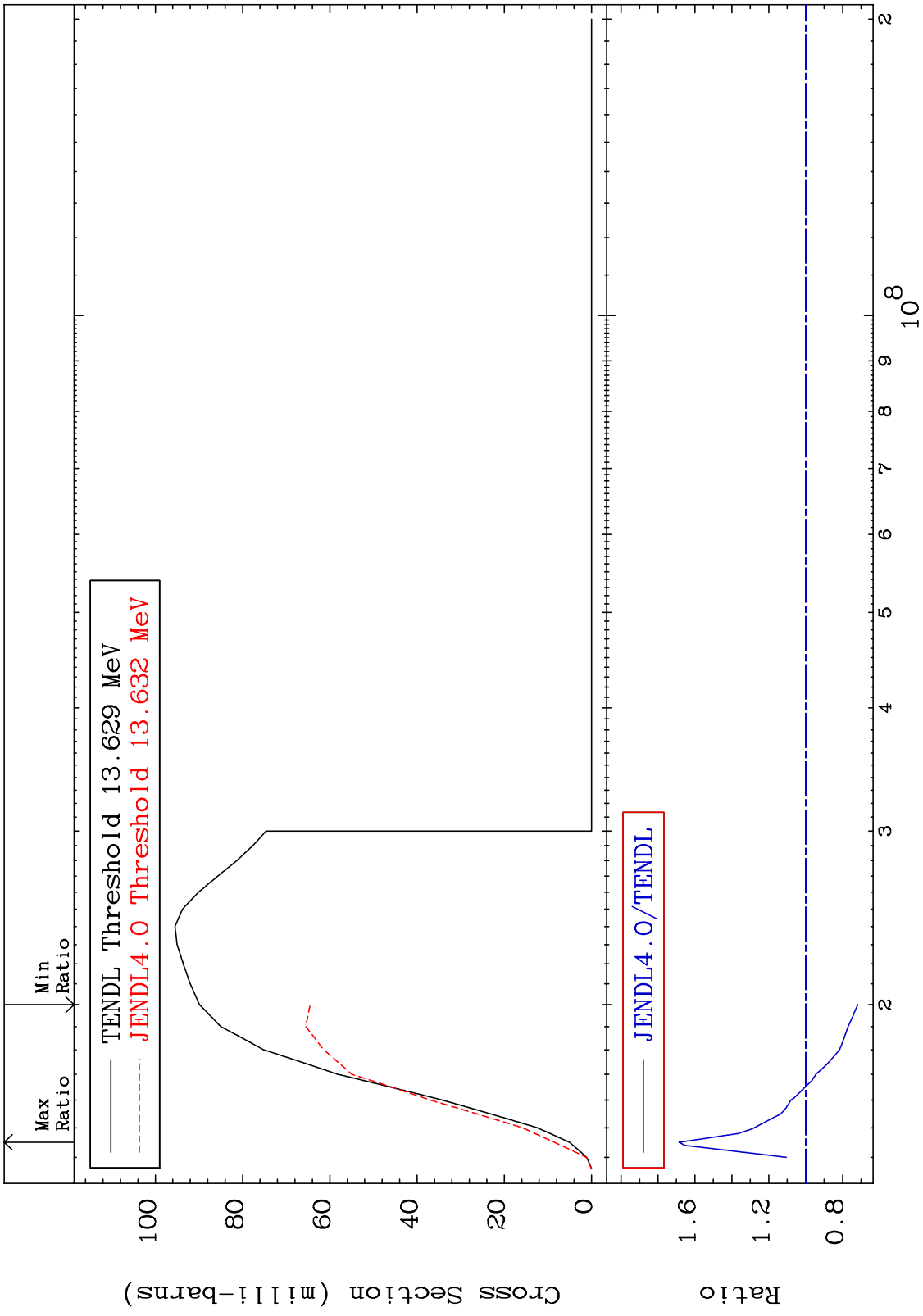
26-Fe-54

MAT 2625 Inelastic Cross Section 26-Fe-54 -36.24 To 37.71 %

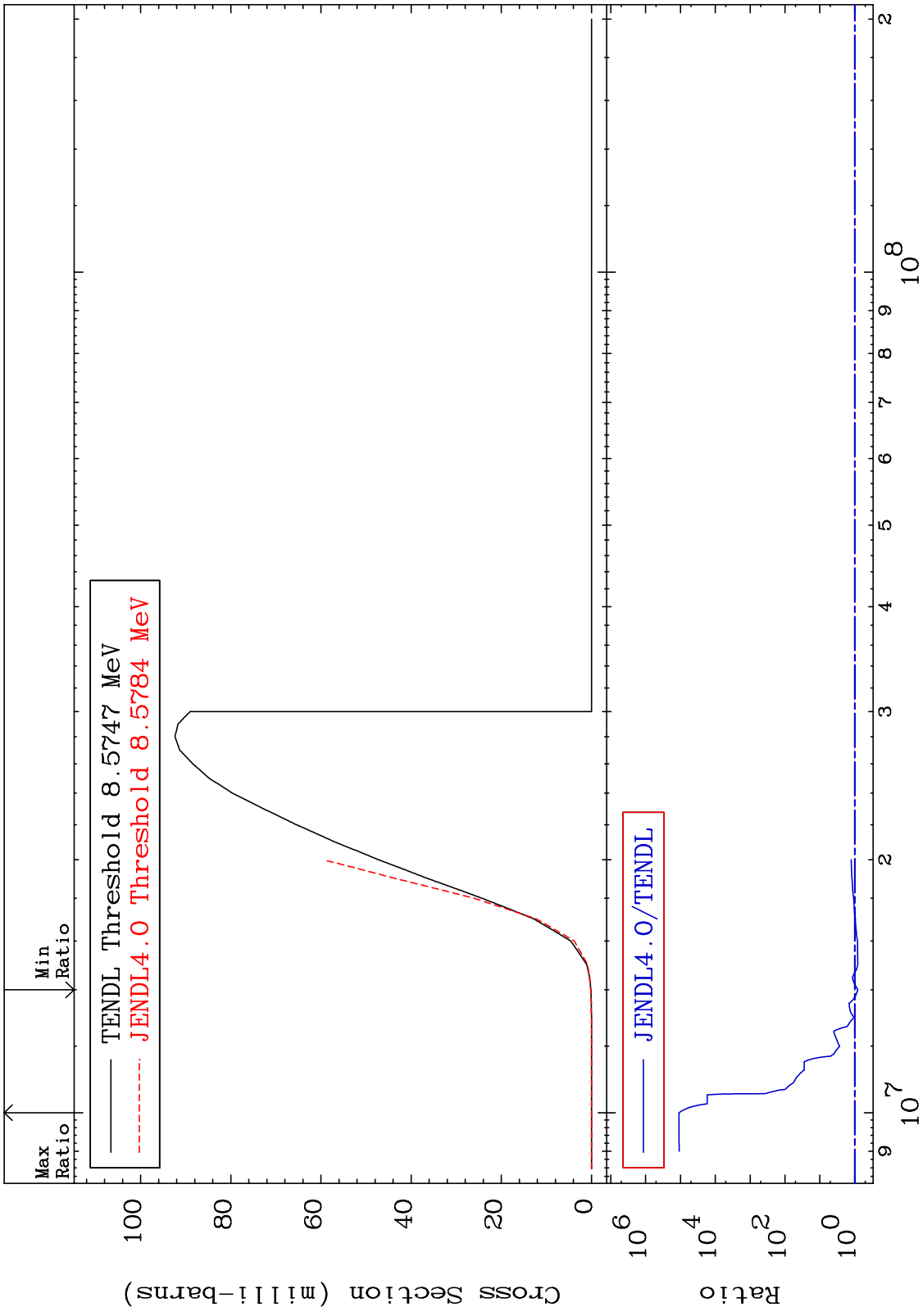


3 26-Fe-54

MAT 2625 (n,2n) Cross Section 26-Fe-54 -28.22 To 68.60 %



MAT 2625 (n,n') α 26-Fe-54
Cross Section -18.81 To 9999. %

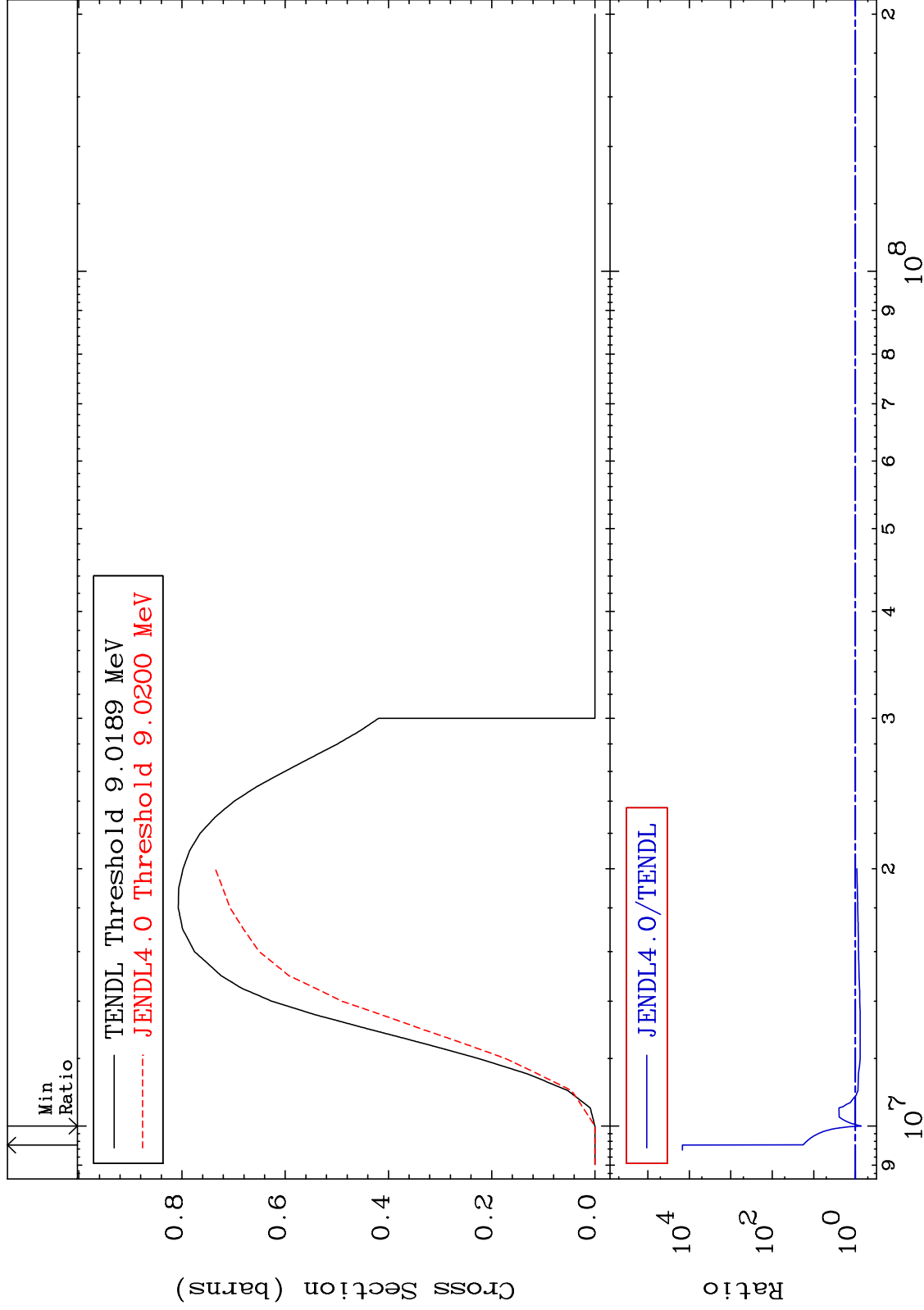


5 26-Fe-54

MAT 2625

(n,n') p
Cross Section

26-Fe-54
-28.06 To 9999. %

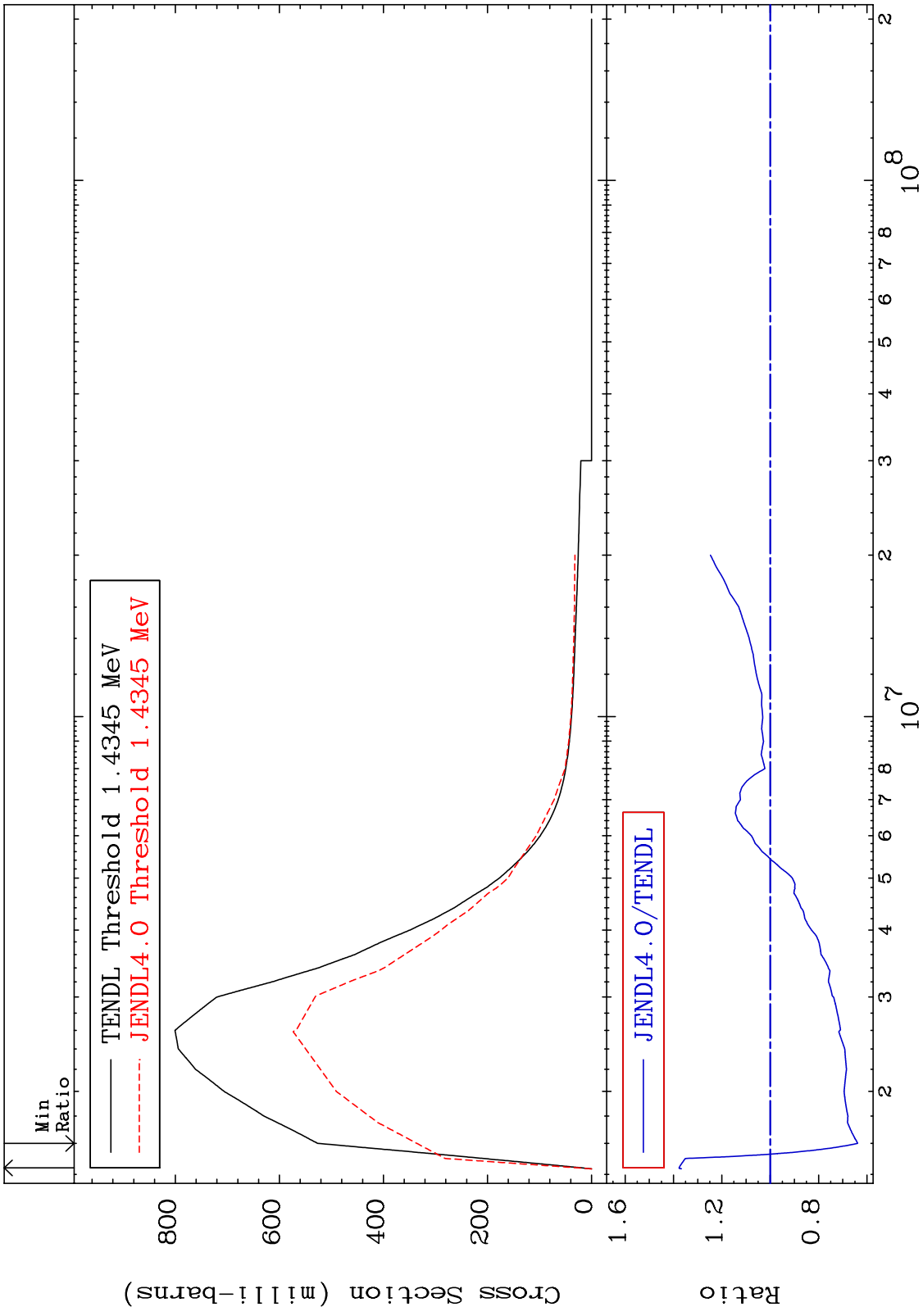


6

Incident Energy (eV)

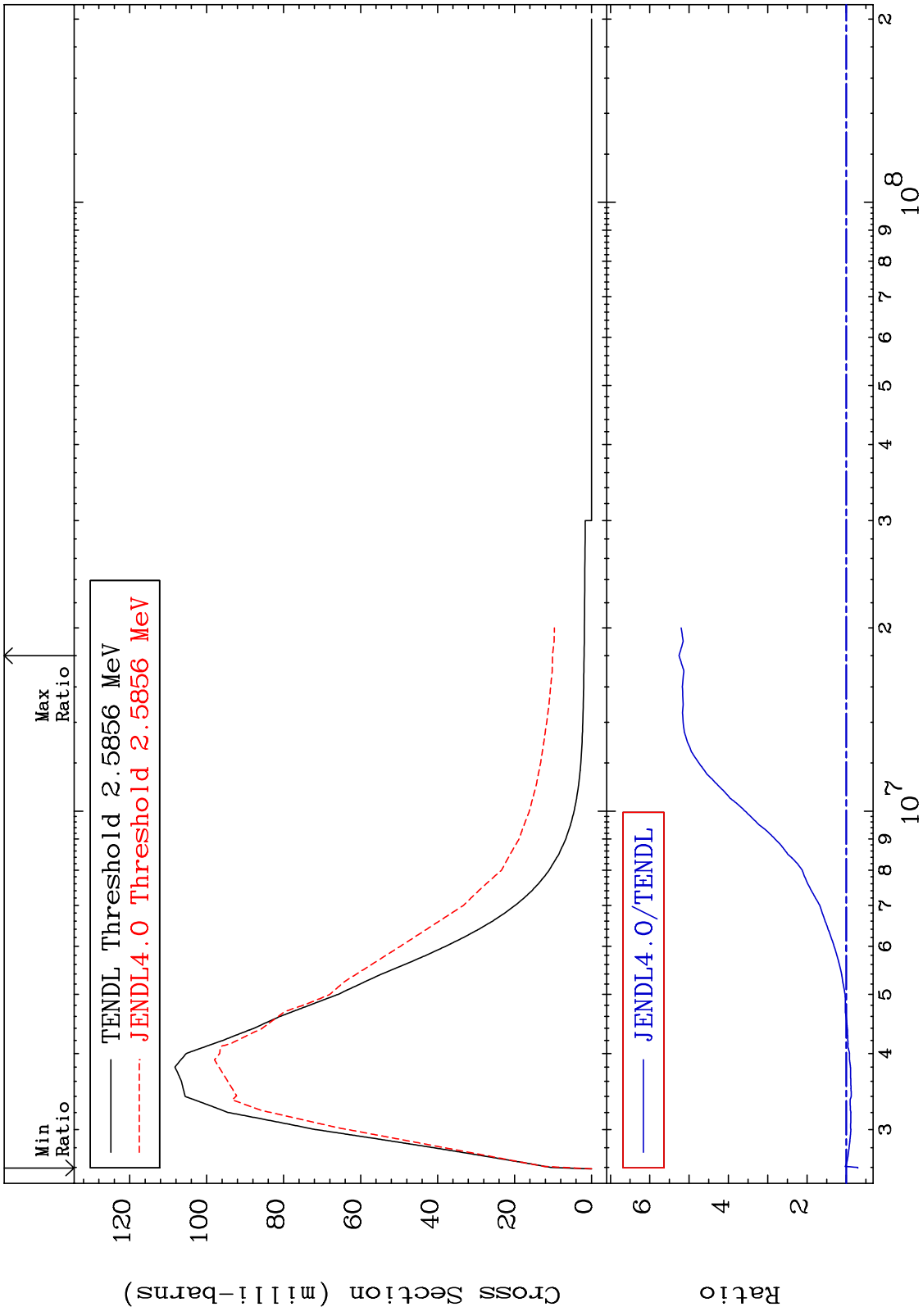
26-Fe-54

MAT 2625 MT= 51 (n,n') Level Cross Section -36.24 To 37.71 % 26-Fe-54



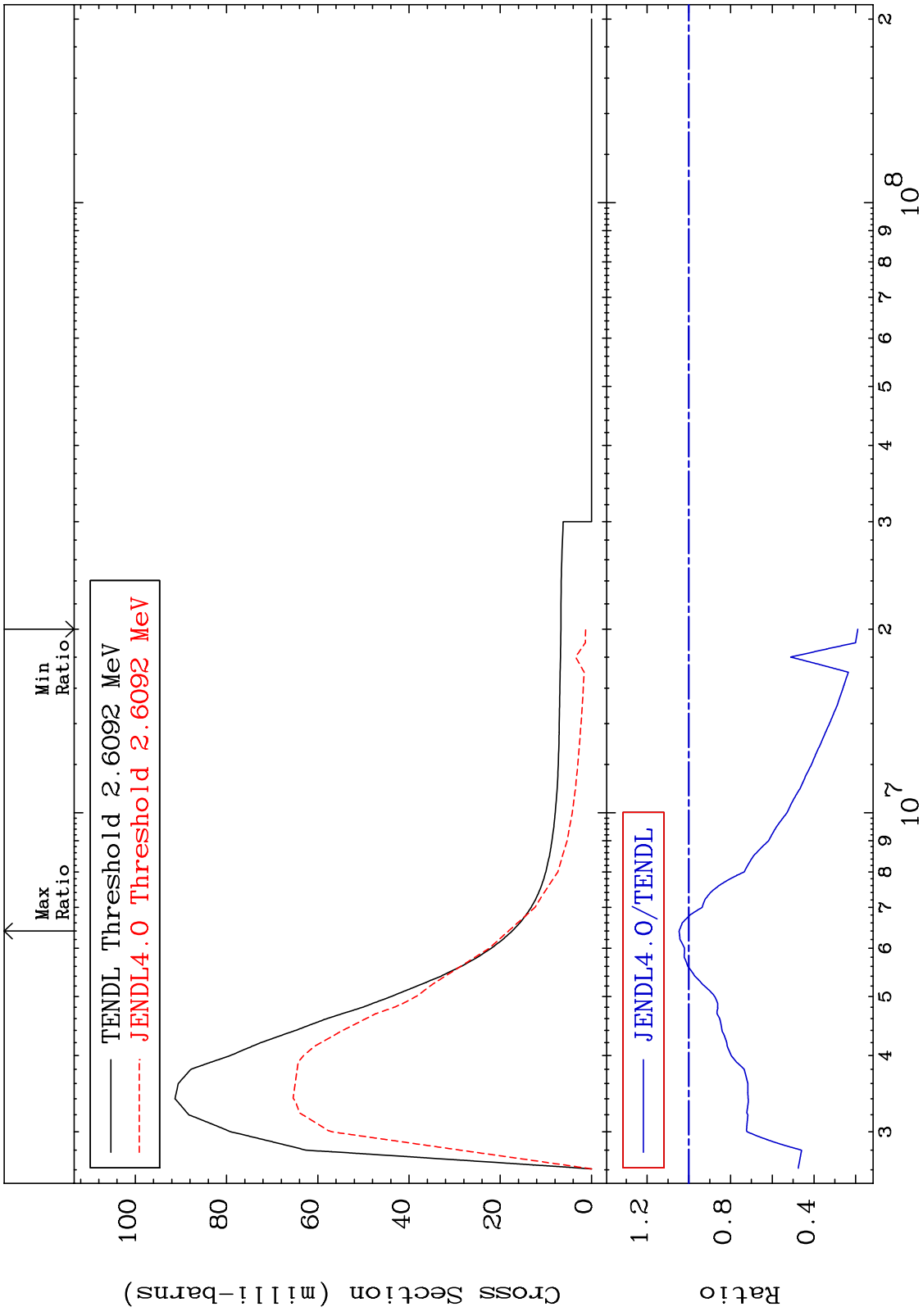
7 Incident Energy (eV) 26-Fe-54

MAT 2625 MT= 52 (n,n') Level Cross Section -29.32 To 425.5 % 26-Fe-54

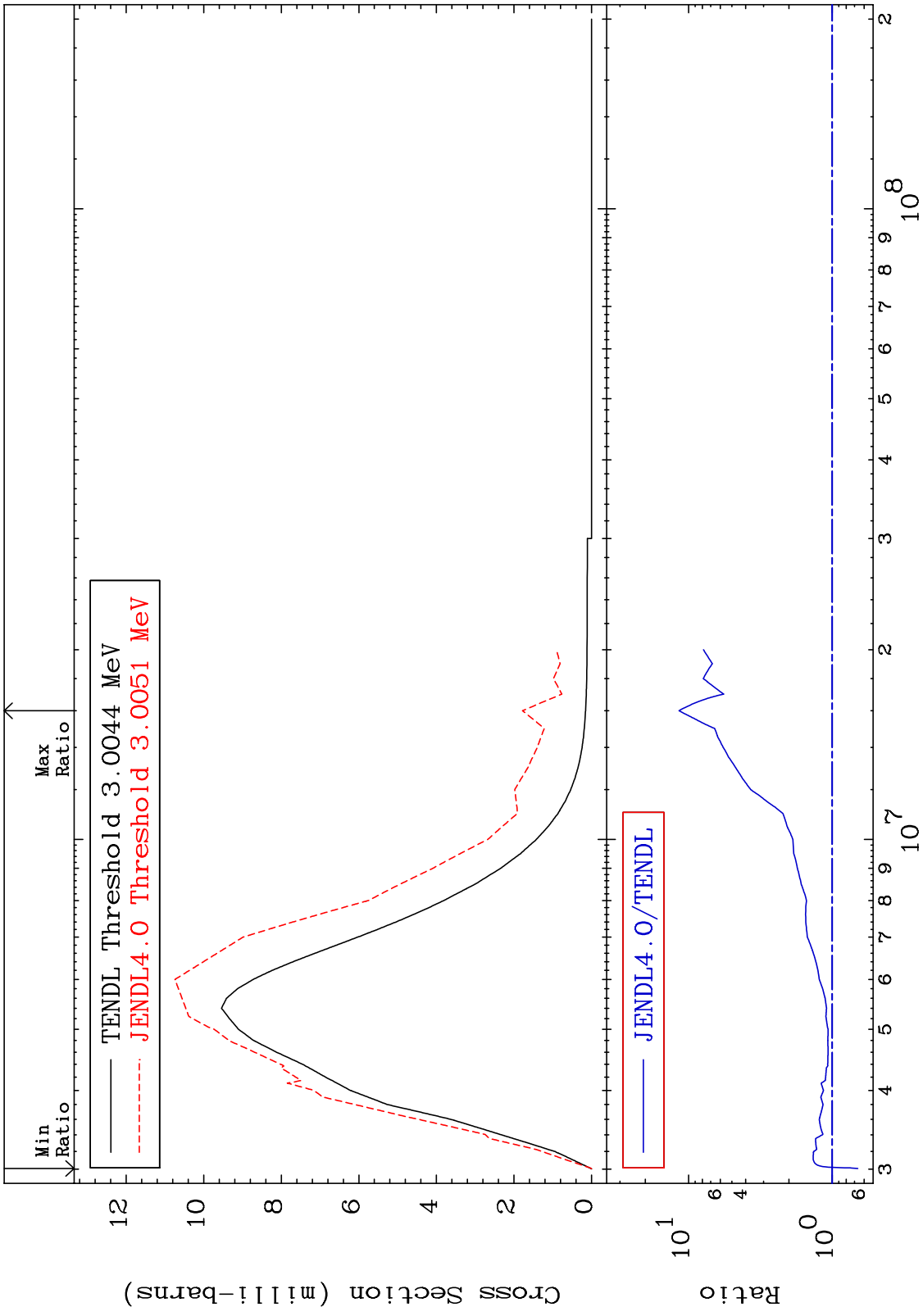


8 Incident Energy (eV) 26-Fe-54

MAT 2625 MT= 53 (n,n') Level Cross Section -81.03 To 4.706 % 26-Fe-54

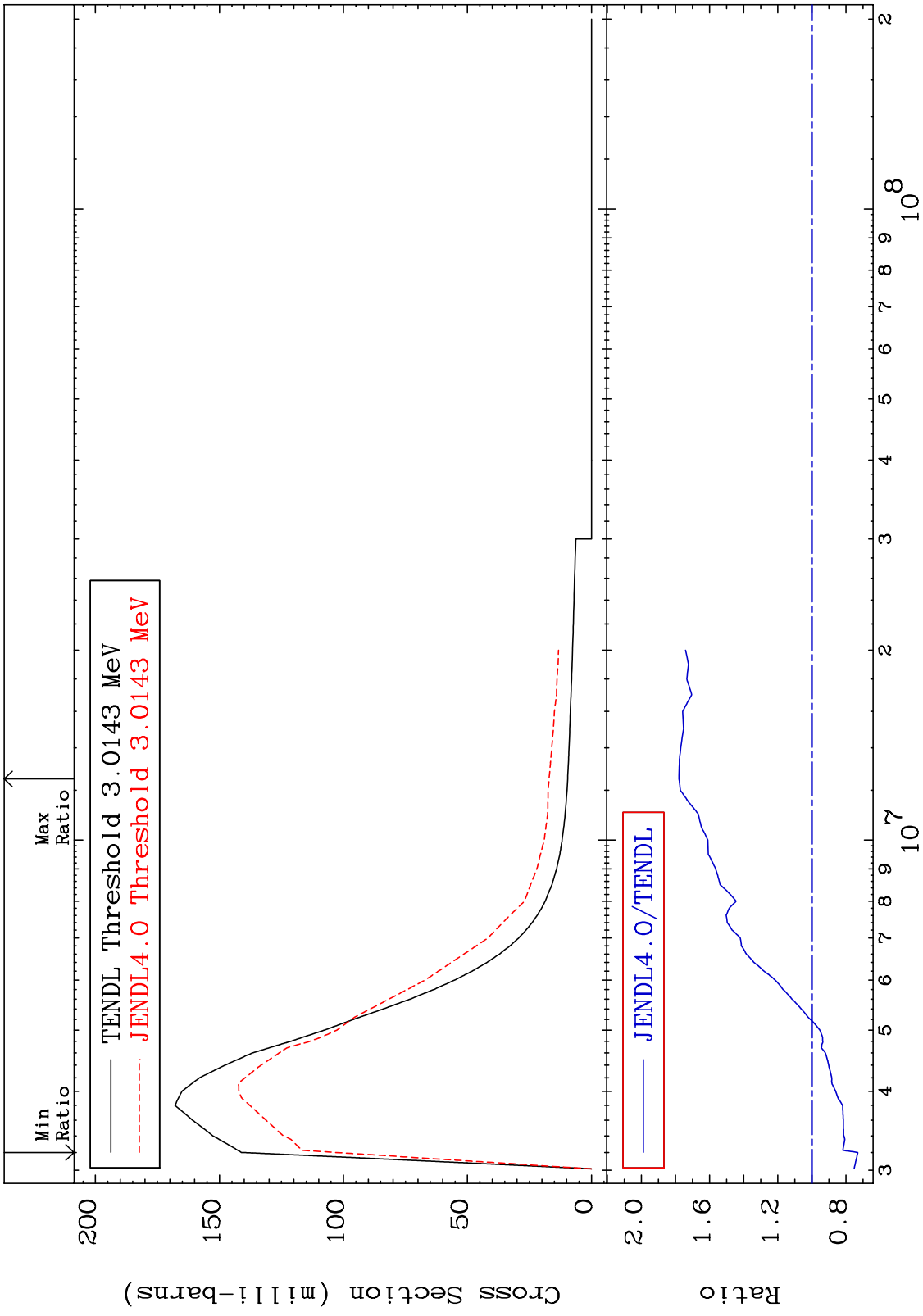


MAT 2625 MT= 54 (n,n') Level Cross Section 26-Fe-54
 -33.60 To 1063. %

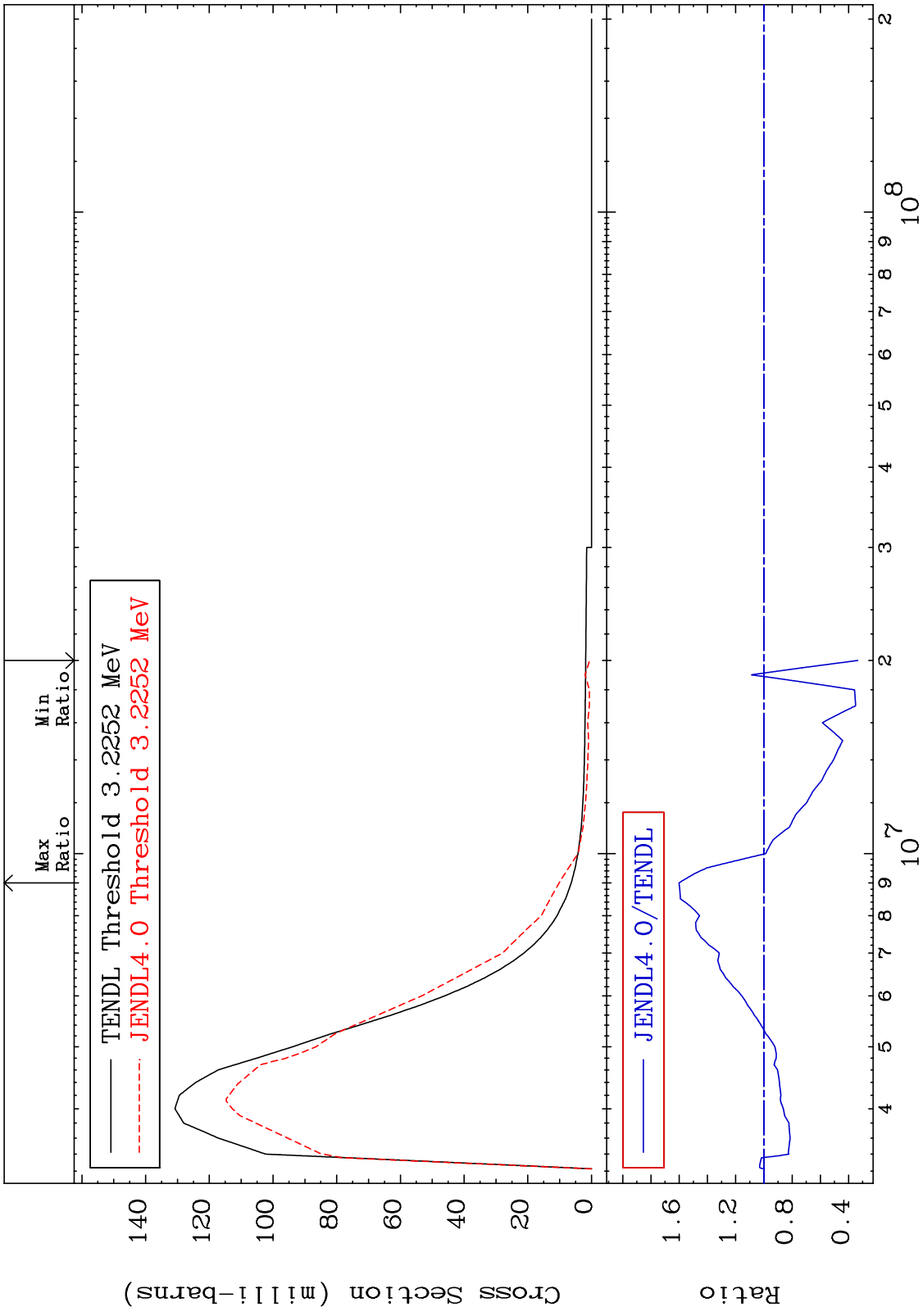


10 26-Fe-54

MAT 2625 MT= 55 (n,n') Level Cross Section -26.91 To 77.93 % 26-Fe-54

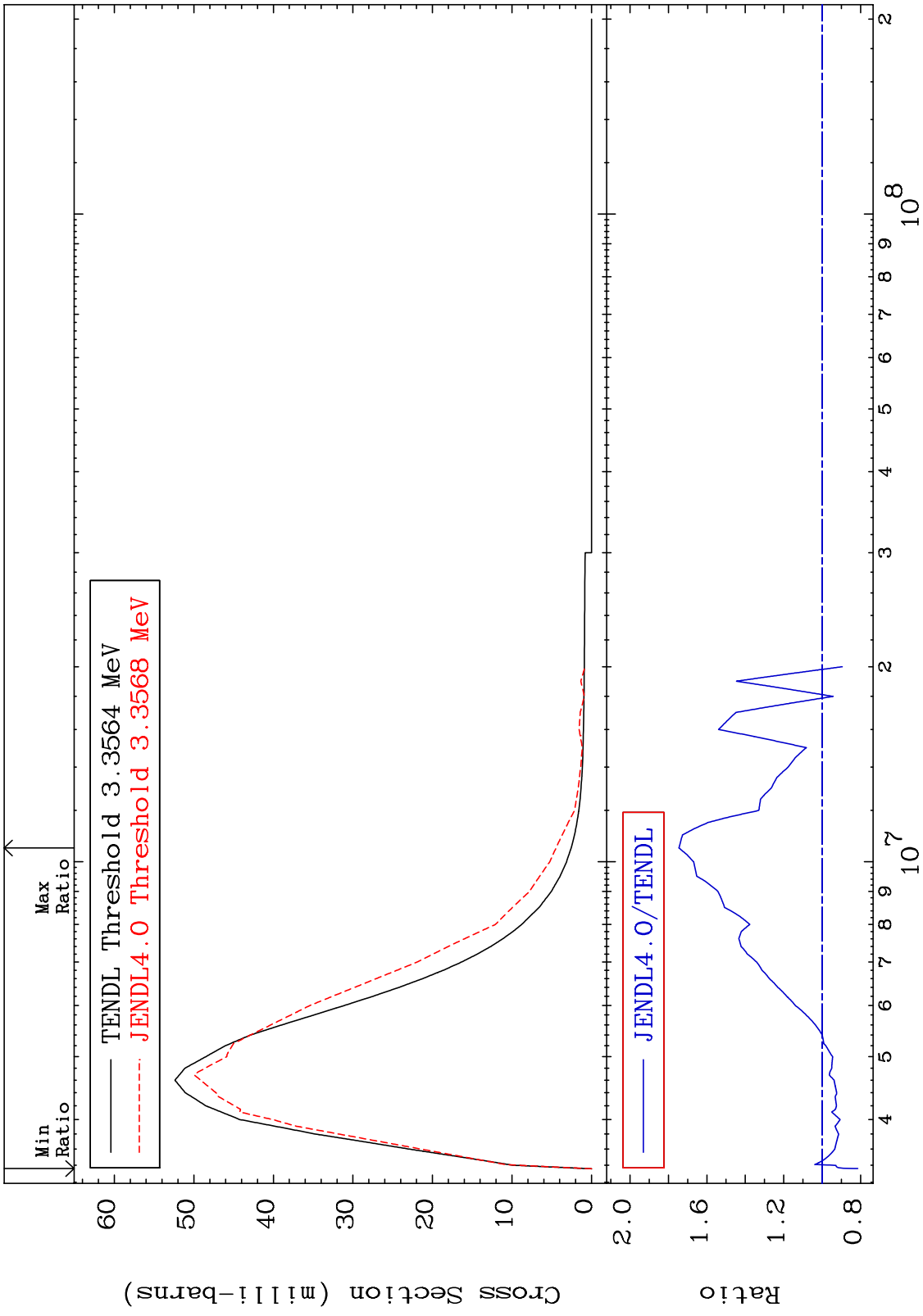


MAT 2625 MT= 56 (n,n') Level Cross Section 26-Fe-54
 -66.56 To 60.10 %

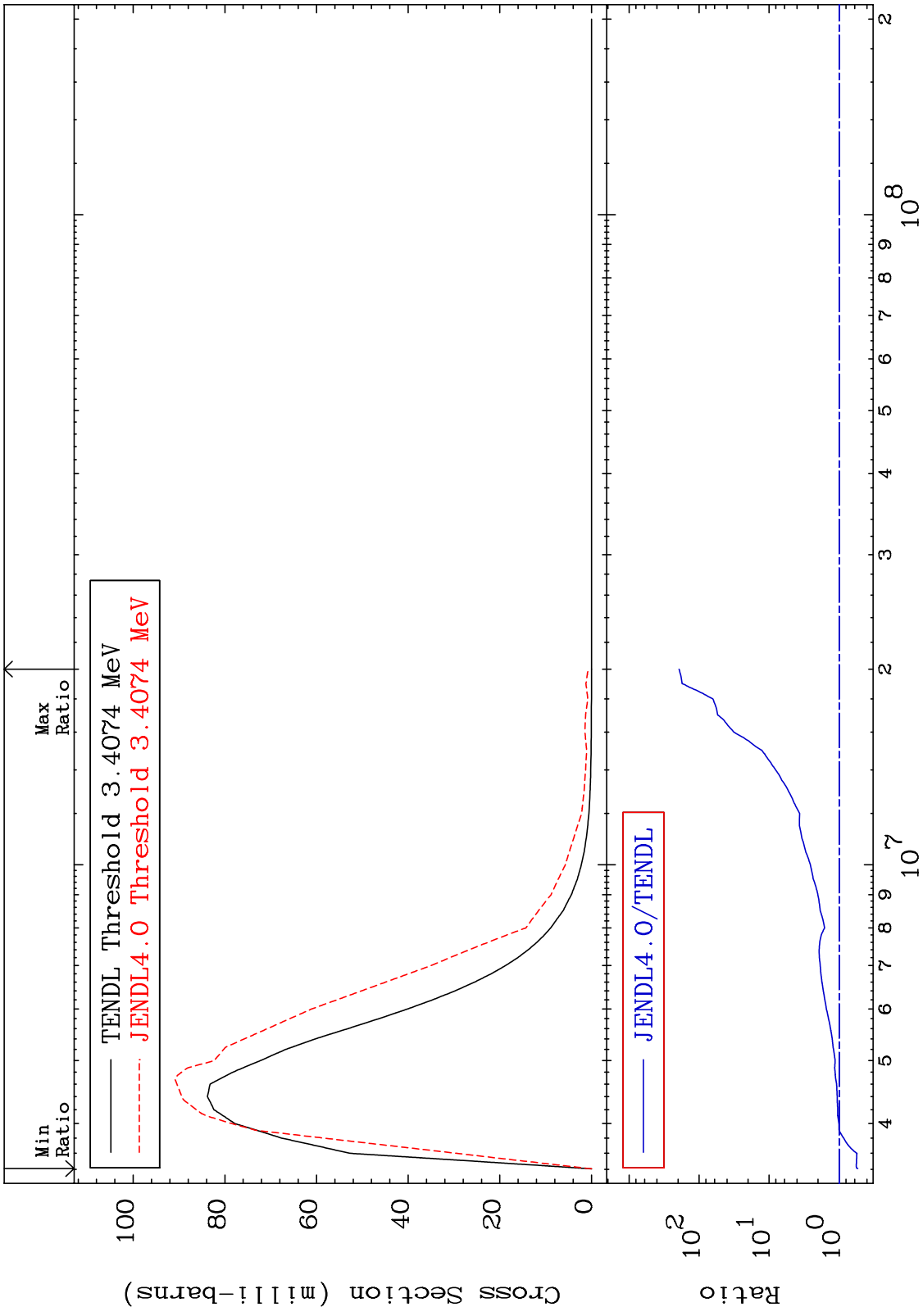


12 Incident Energy (eV) 26-Fe-54

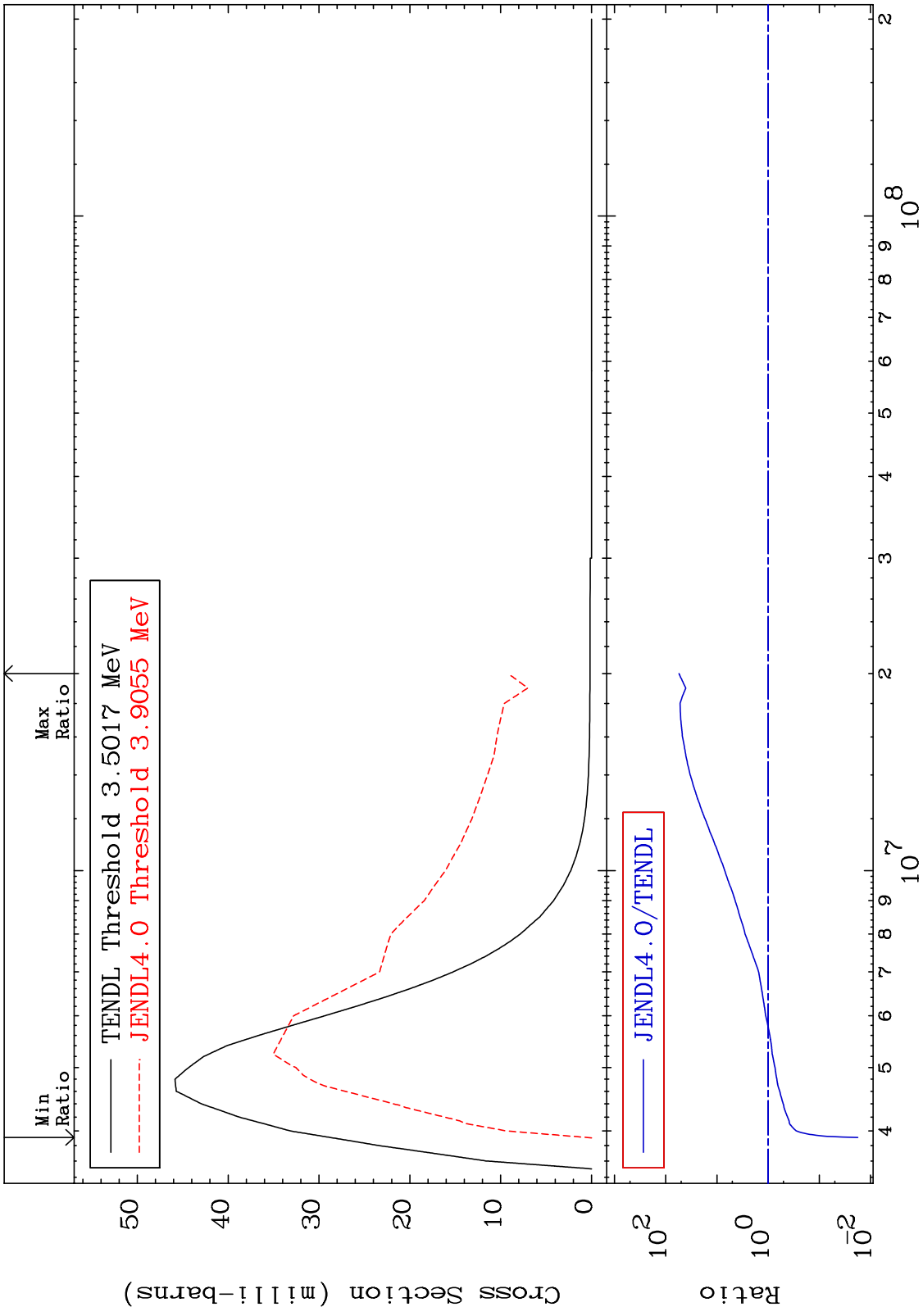
MAT 2625 MT= 57 (n,n') Level Cross Section -18.54 To 74.47 % 26-Fe-54



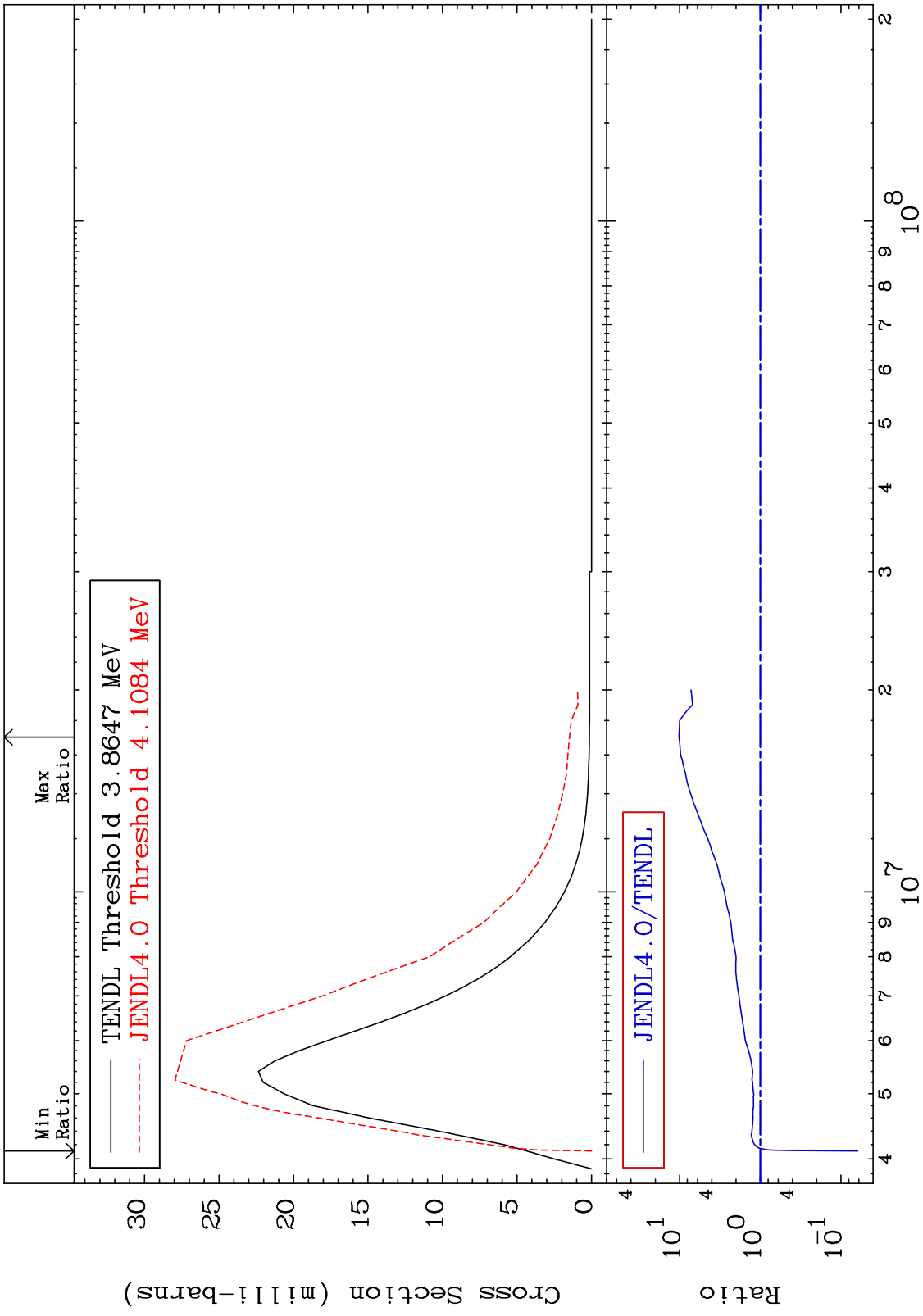
MAT 2625 MT= 58 (n,n') Level Cross Section 26-Fe-54
 -45.91 To 9999. %



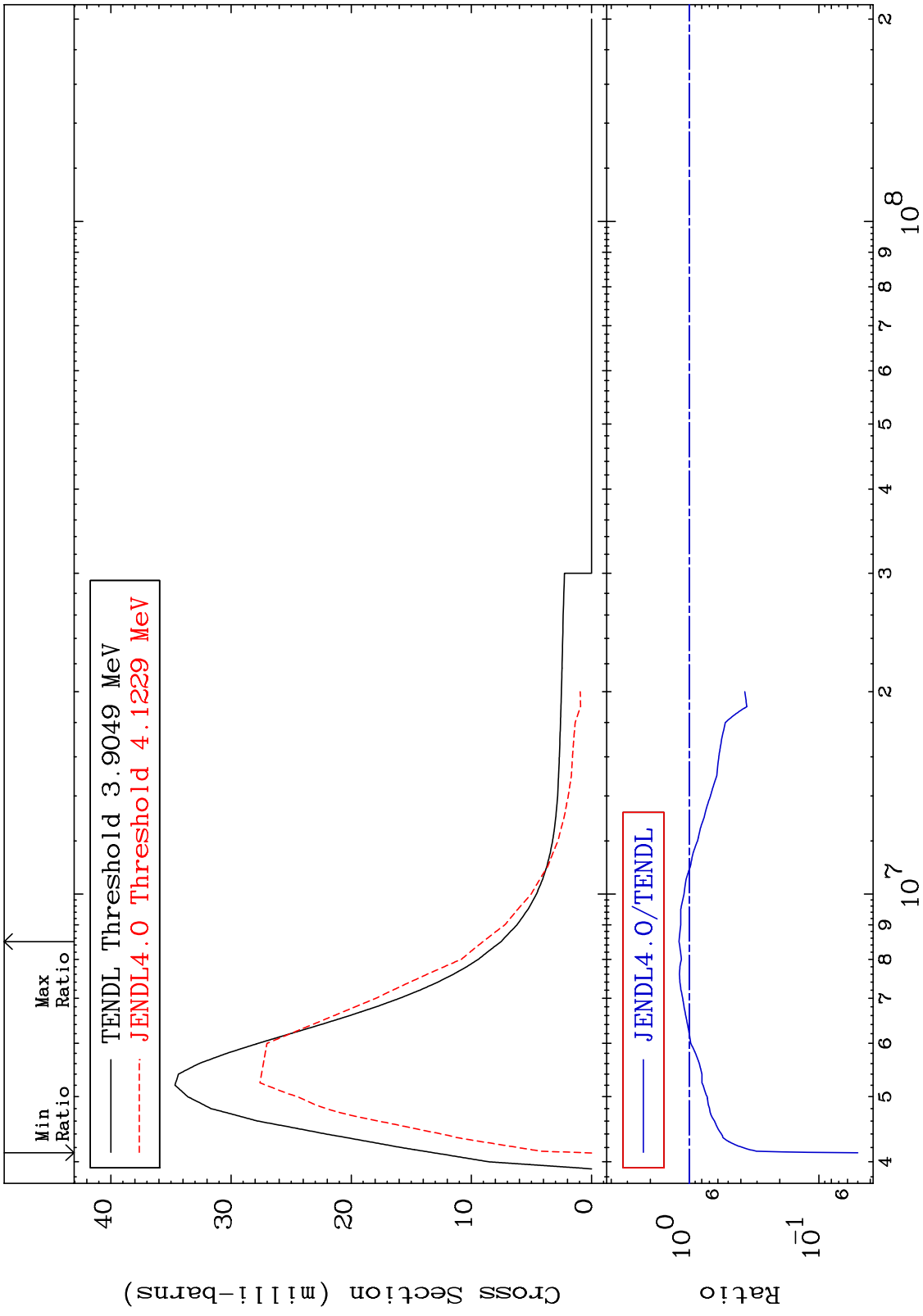
MAT 2625 MT= 59 (n,n') Level Cross Section -98.23 To 5391. % 26-Fe-54



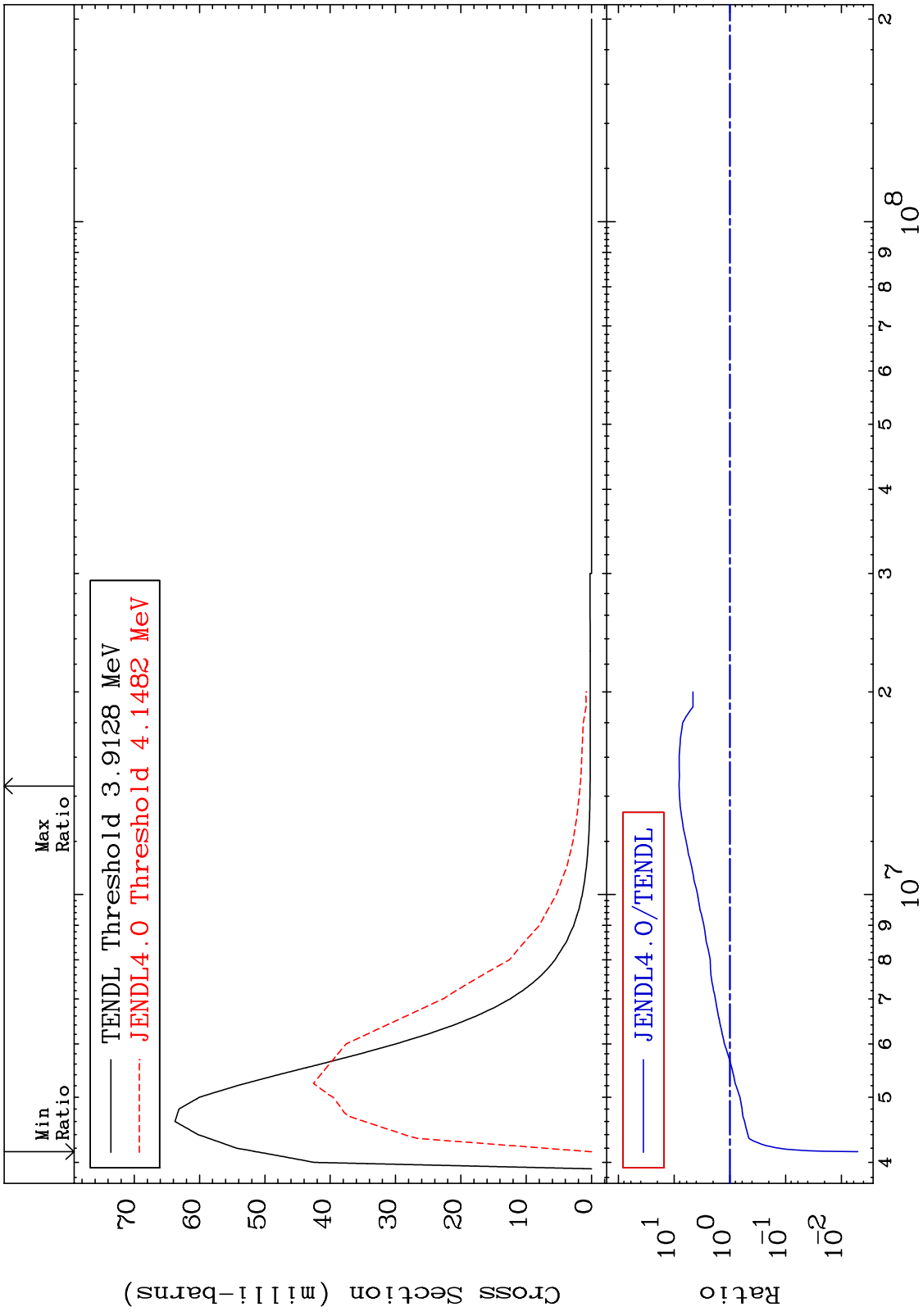
MAT 2625 MT= 60 (n,n') Level Cross Section -93.82 To 914.9 % 26-Fe-54



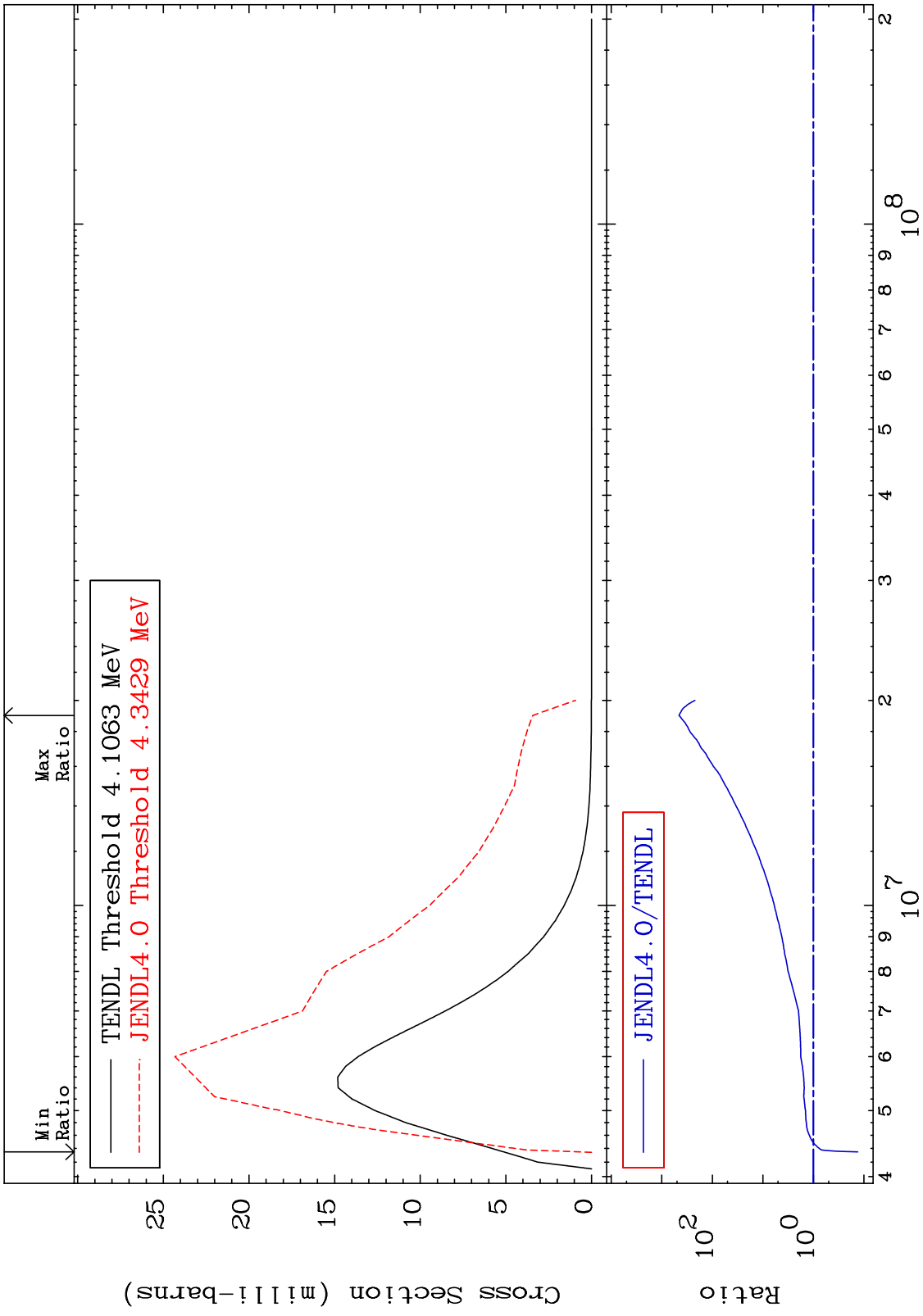
MAT 2625 MT= 61 (n,n') Level Cross Section 26-Fe-54
 -95.00 To 19.86 %



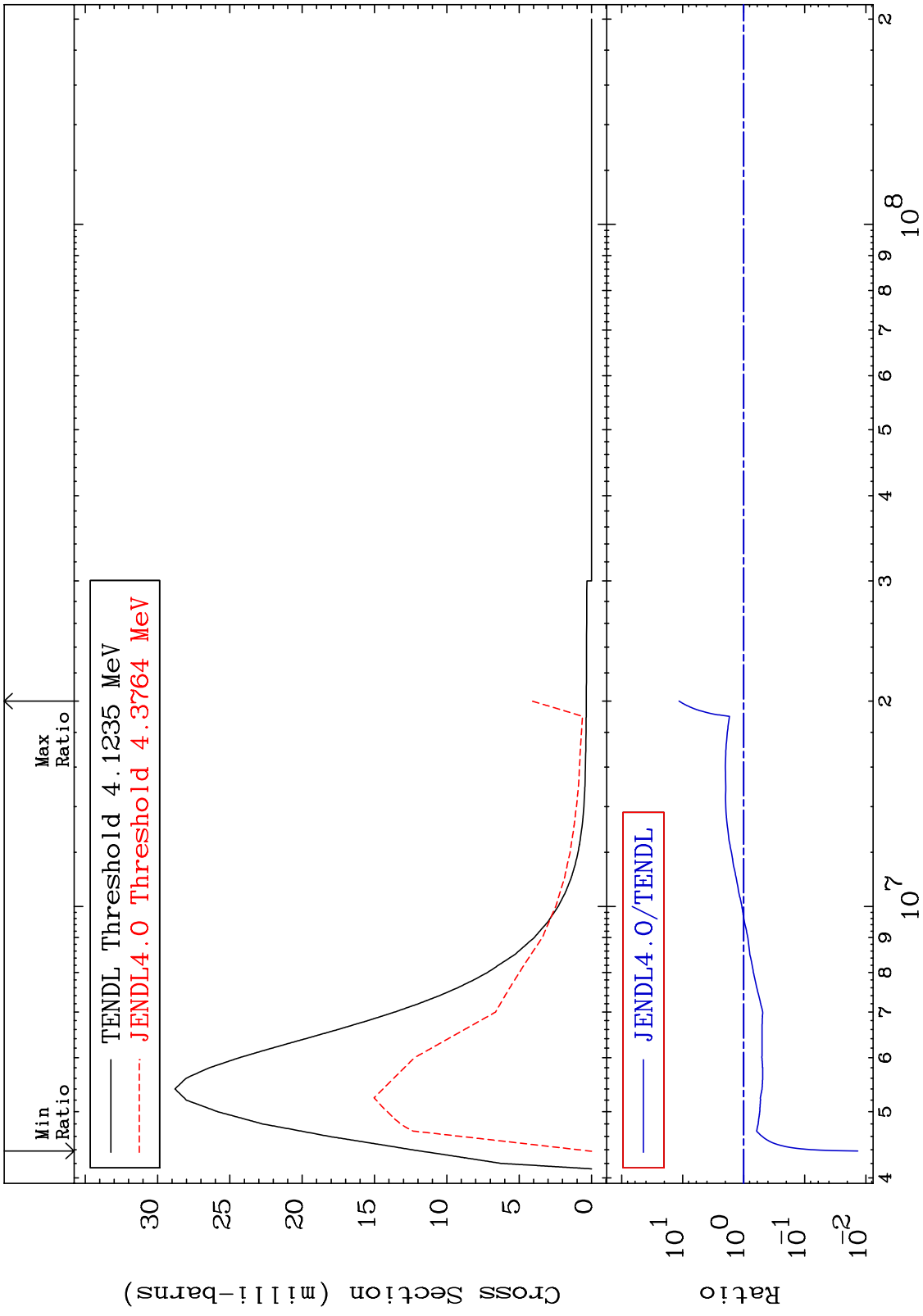
MAT 2625 MT= 62 (n,n') Level Cross Section -99.49 To 718.0 % 26-Fe-54



MAT 2625 MT= 63 (n,n') Level Cross Section 26-Fe-54
 -86.76 To 9999. %

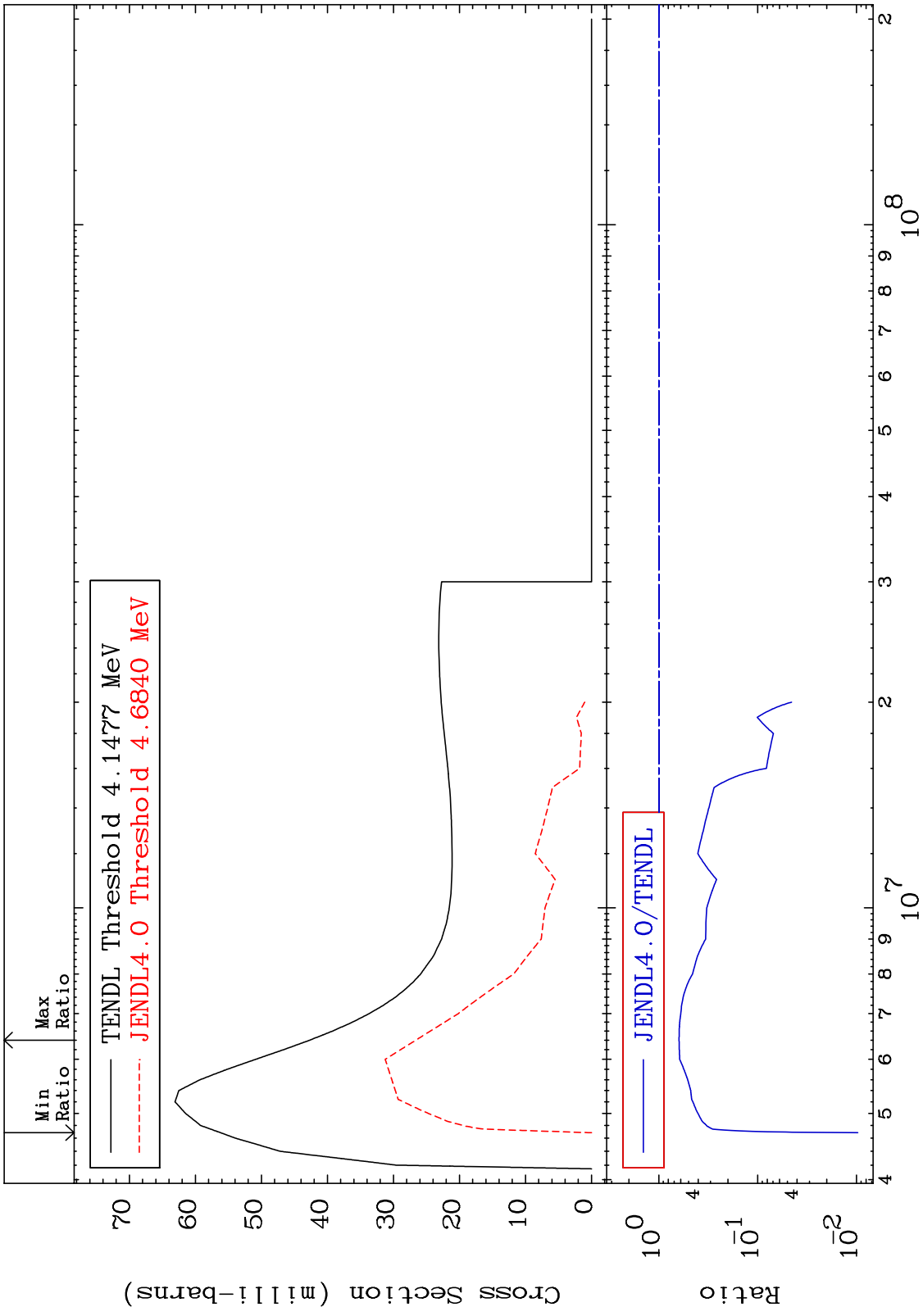


MAT 2625 MT= 64 (n,n') Level Cross Section -98.65 To 1046. % 26-Fe-54



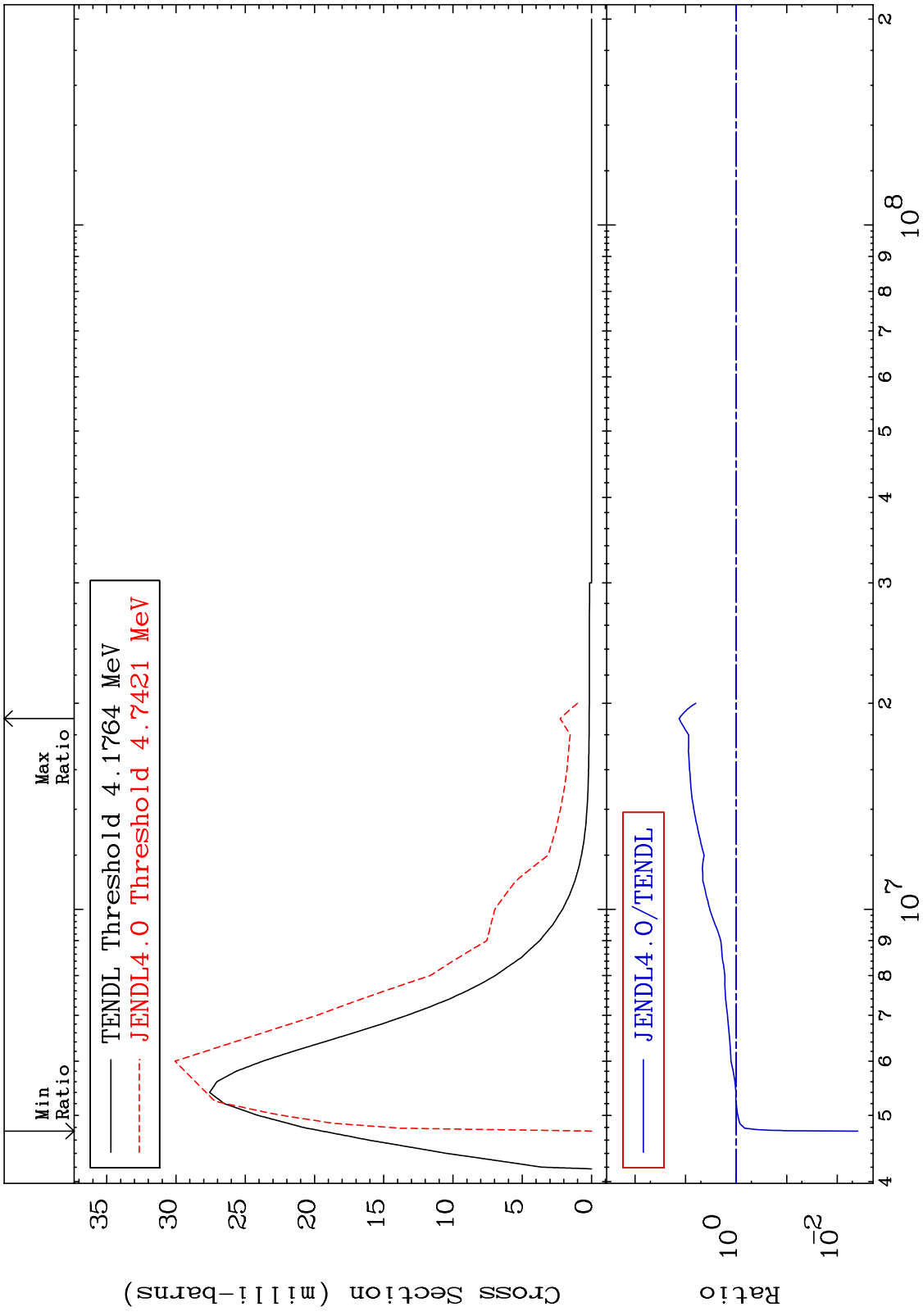
20 Incident Energy (eV) 26-Fe-54

MAT 2625 MT= 65 (n,n') Level Cross Section 26-Fe-54
 -99.03 To -37.63%

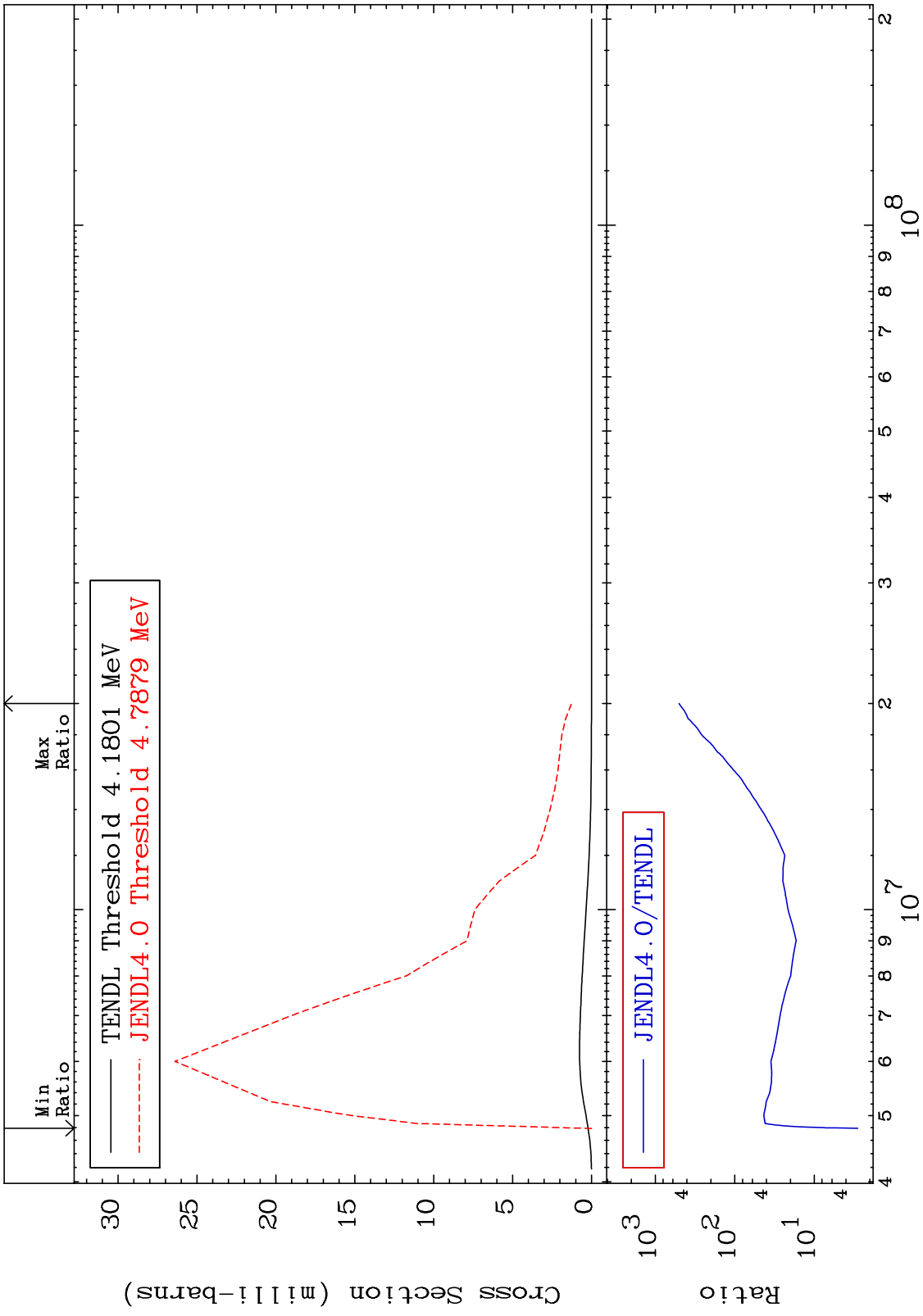


21 Incident Energy (eV) 26-Fe-54

MAT 2625 MT= 66 (n,n') Level Cross Section -99.61 To 1251. % 26-Fe-54

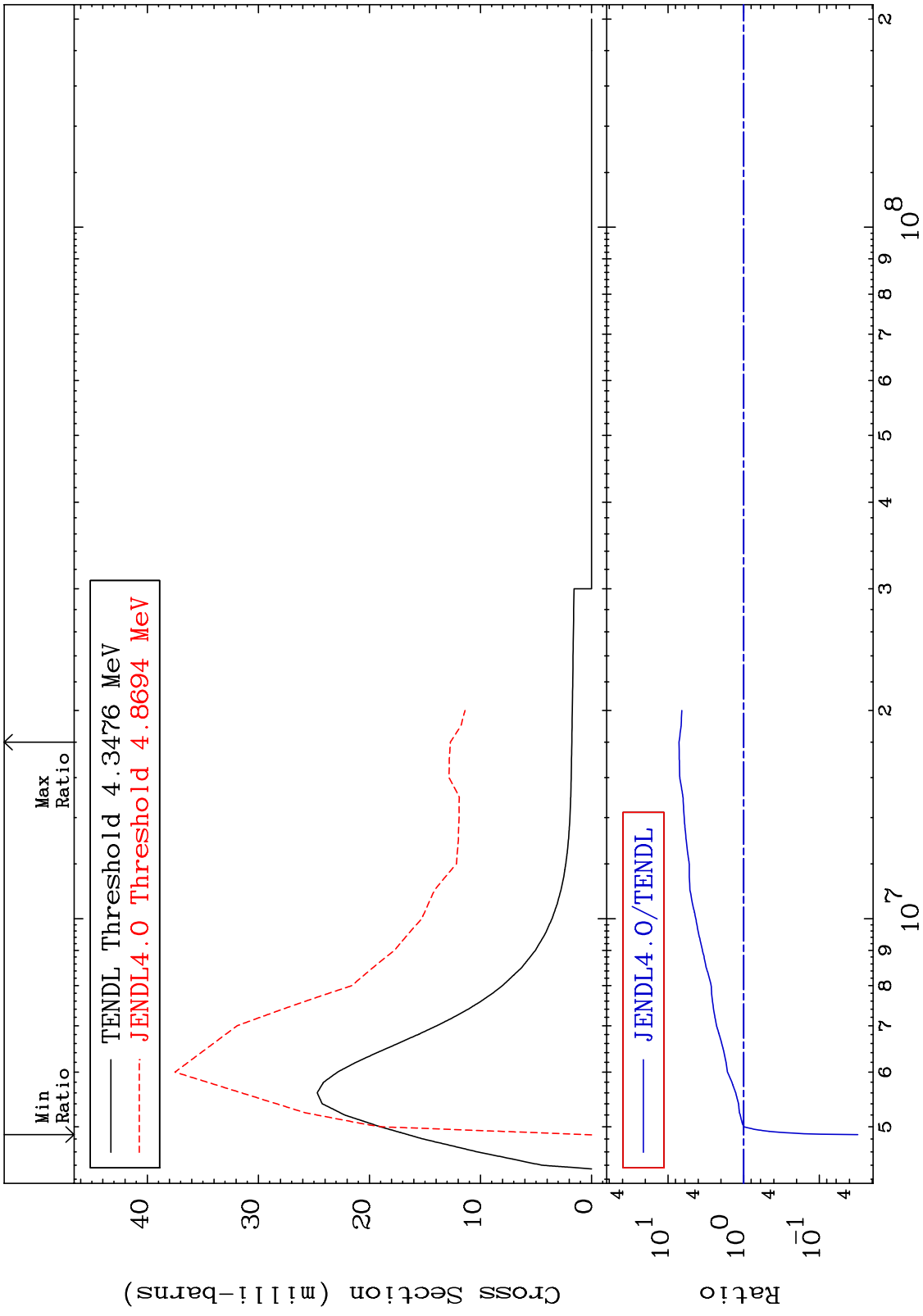


MAT 2625 MT= 67 (n,n') Level Cross Section 26-Fe-54 183.3 To 9999. %

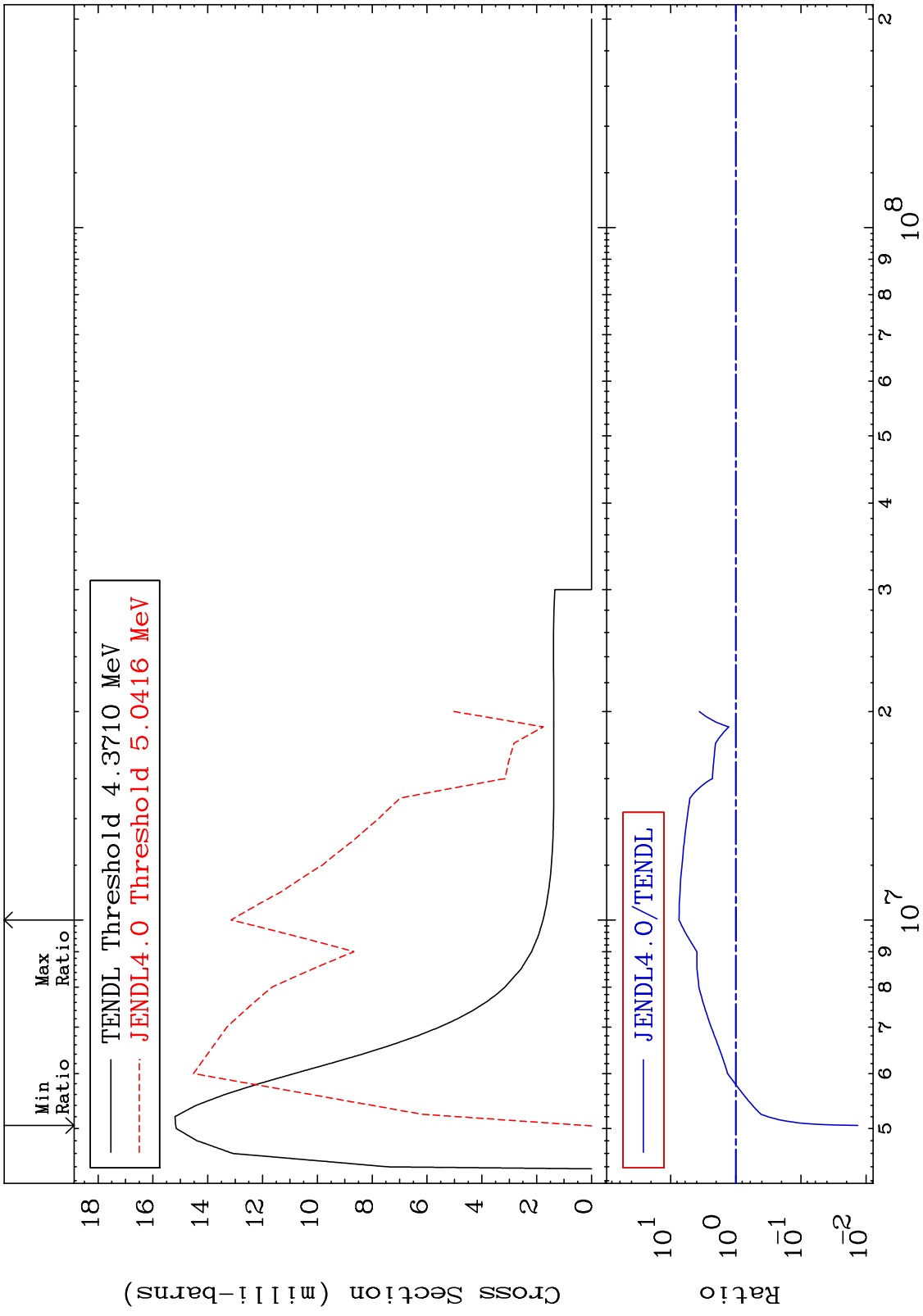


26-Fe-54

MAT 2625 MT= 68 (n,n') Level Cross Section -96.91 To 616.2 % 26-Fe-54



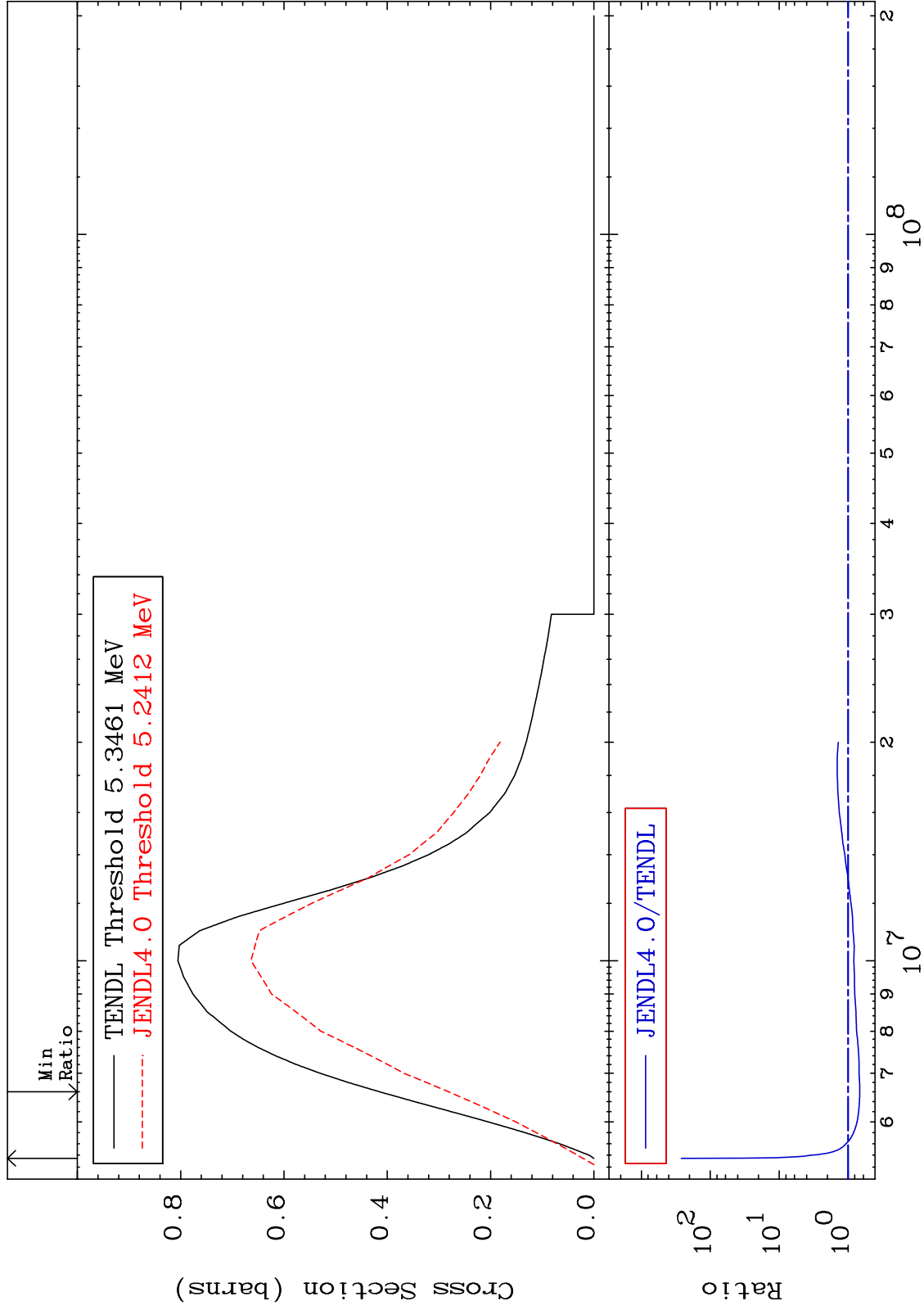
MAT 2625 MT= 69 (n,n') Level Cross Section 26-Fe-54 -98.66 To 644.3 %



MAT 2625

(n,n') Continuum
Cross Section

26-Fe-54
-32.24 To 9999. %



26

Incident Energy (eV)

26-Fe-54

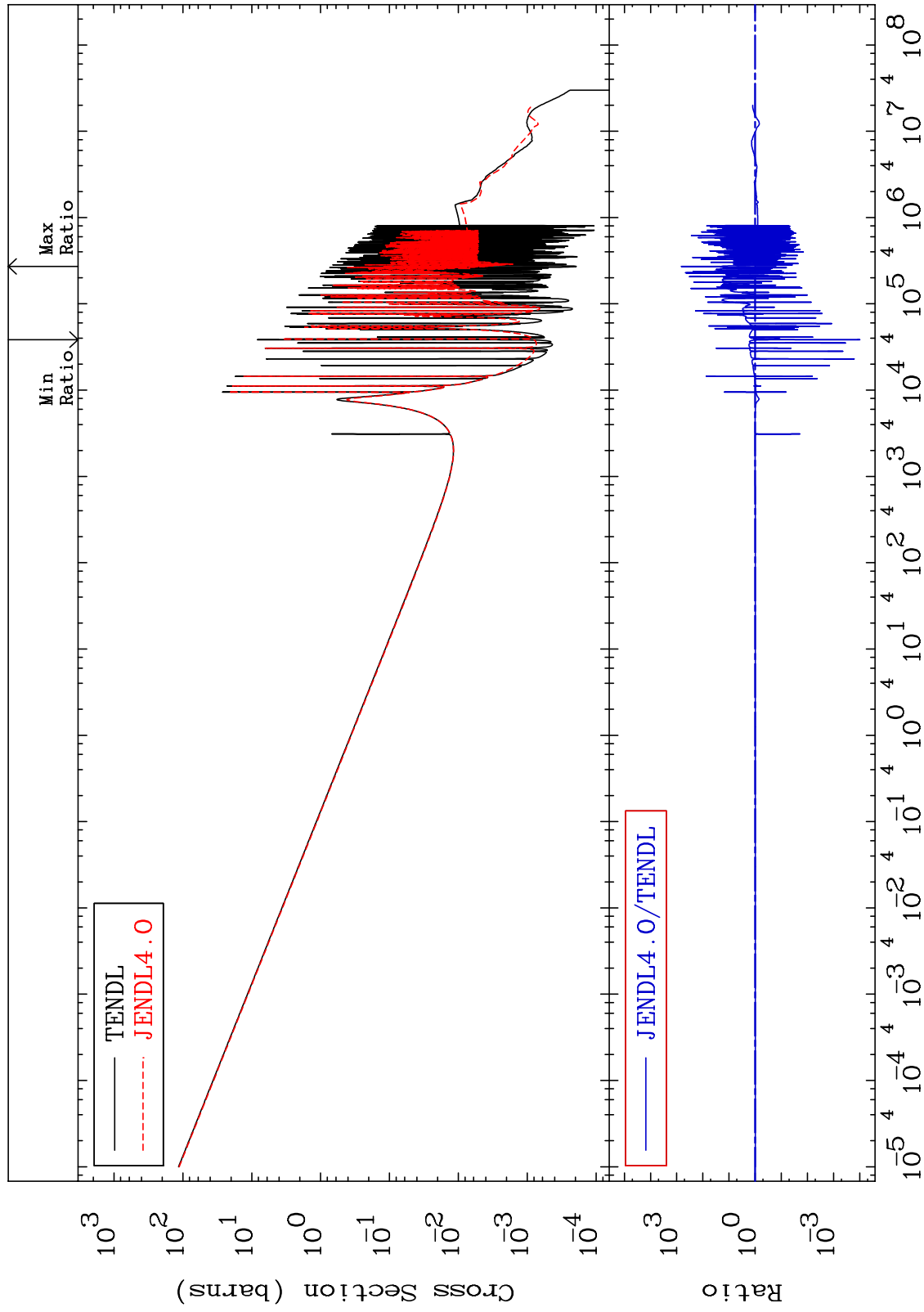
MAT 2625

(n, γ)

26-Fe-54

Cross Section

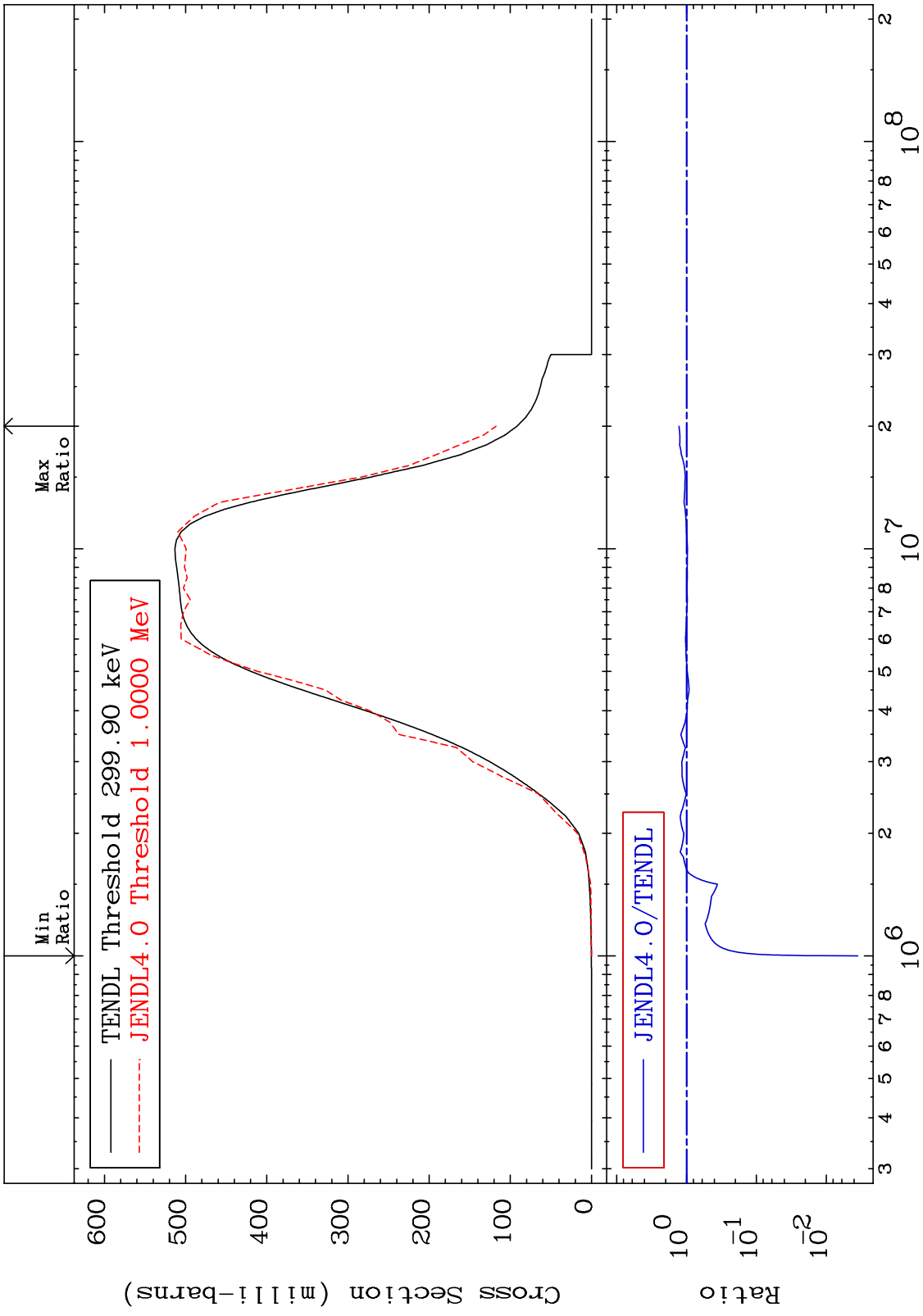
-99.99 To 9999. %



27

Incident Energy (eV)

26-Fe-54



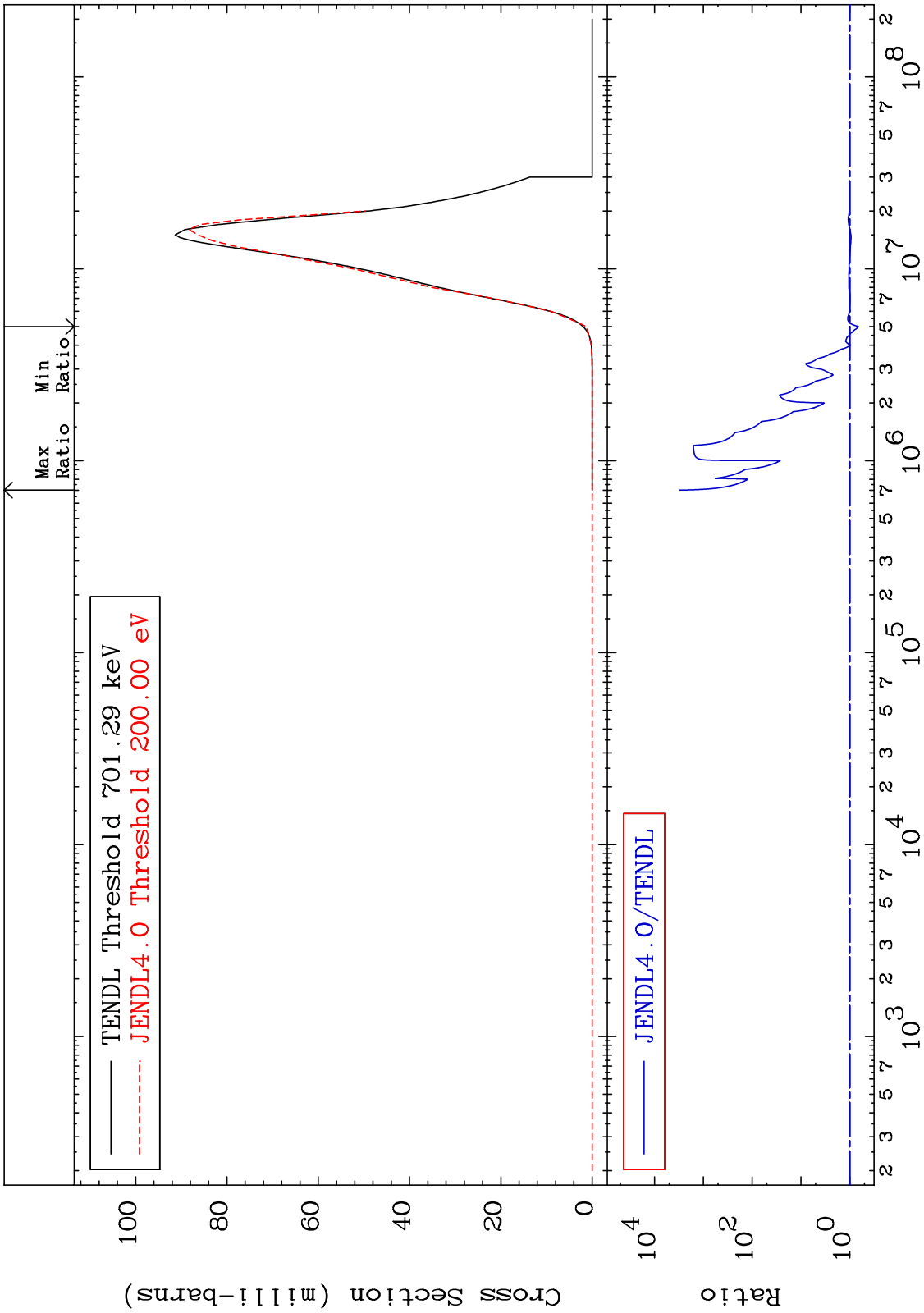
MAT 2625

(n, α)

26-Fe-54

Cross Section

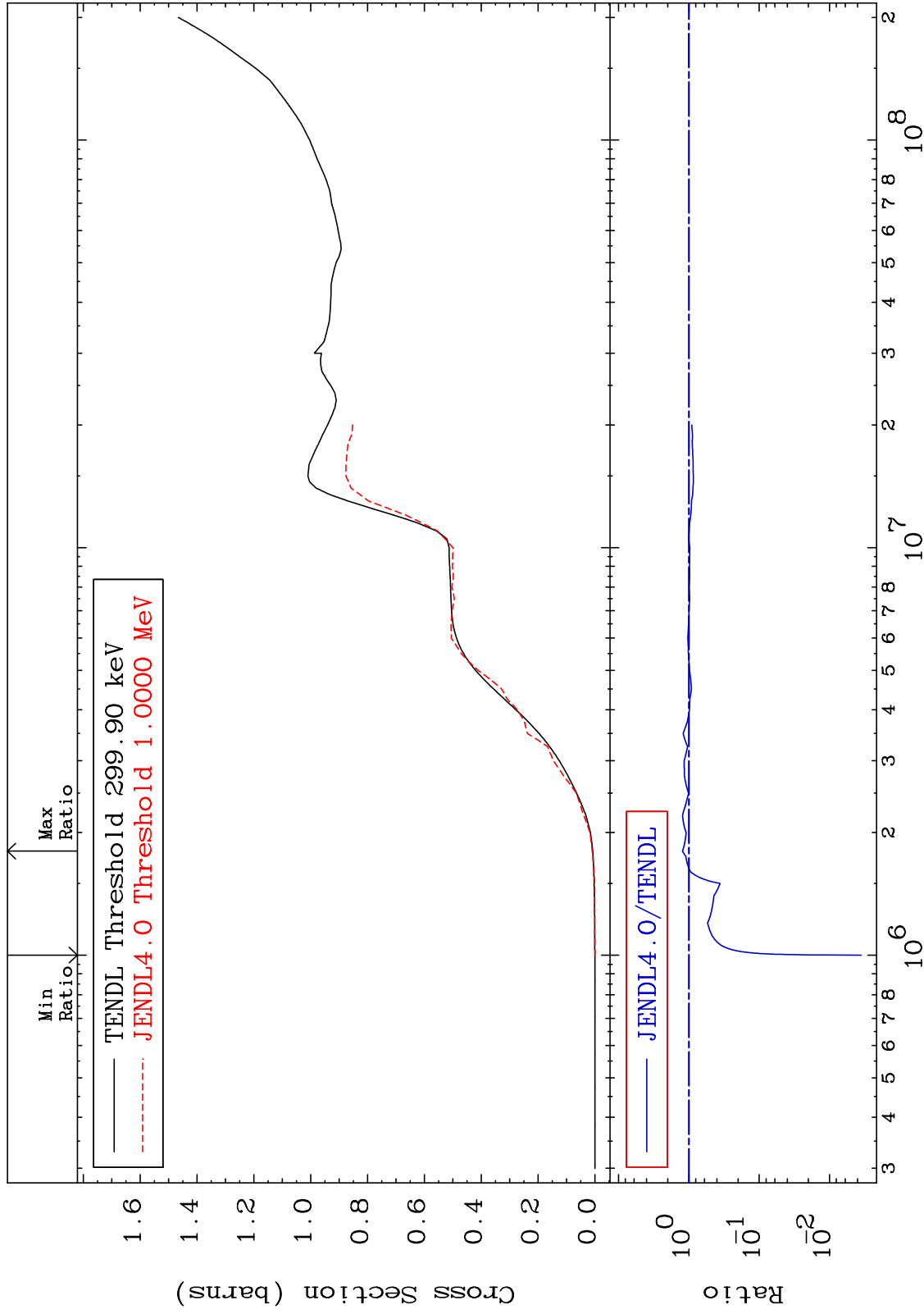
-34.67 To 9999. %



MAT 2625

Hydrogen Production
Cross Section

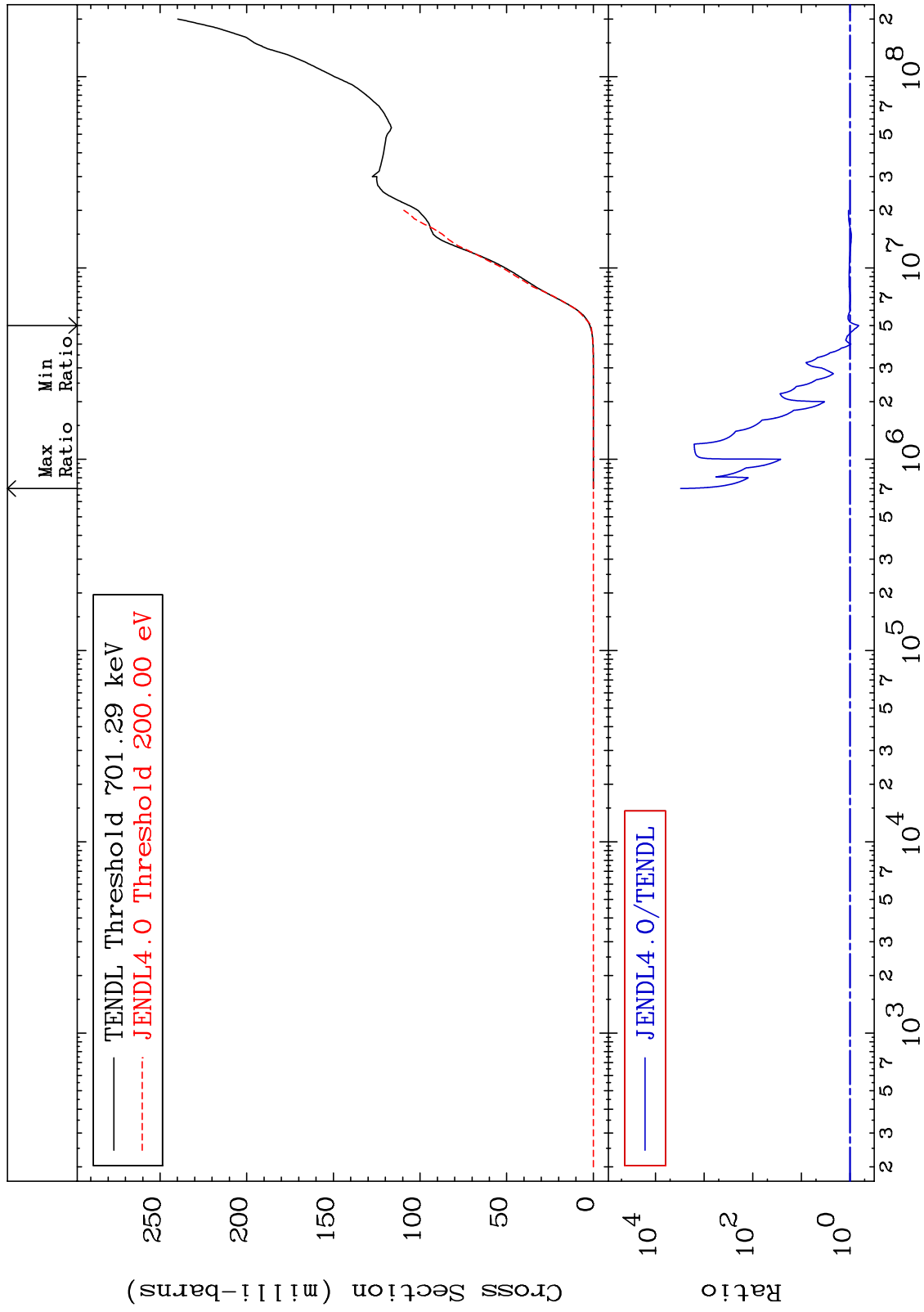
26-Fe-54
-99.65 To 23.46 %



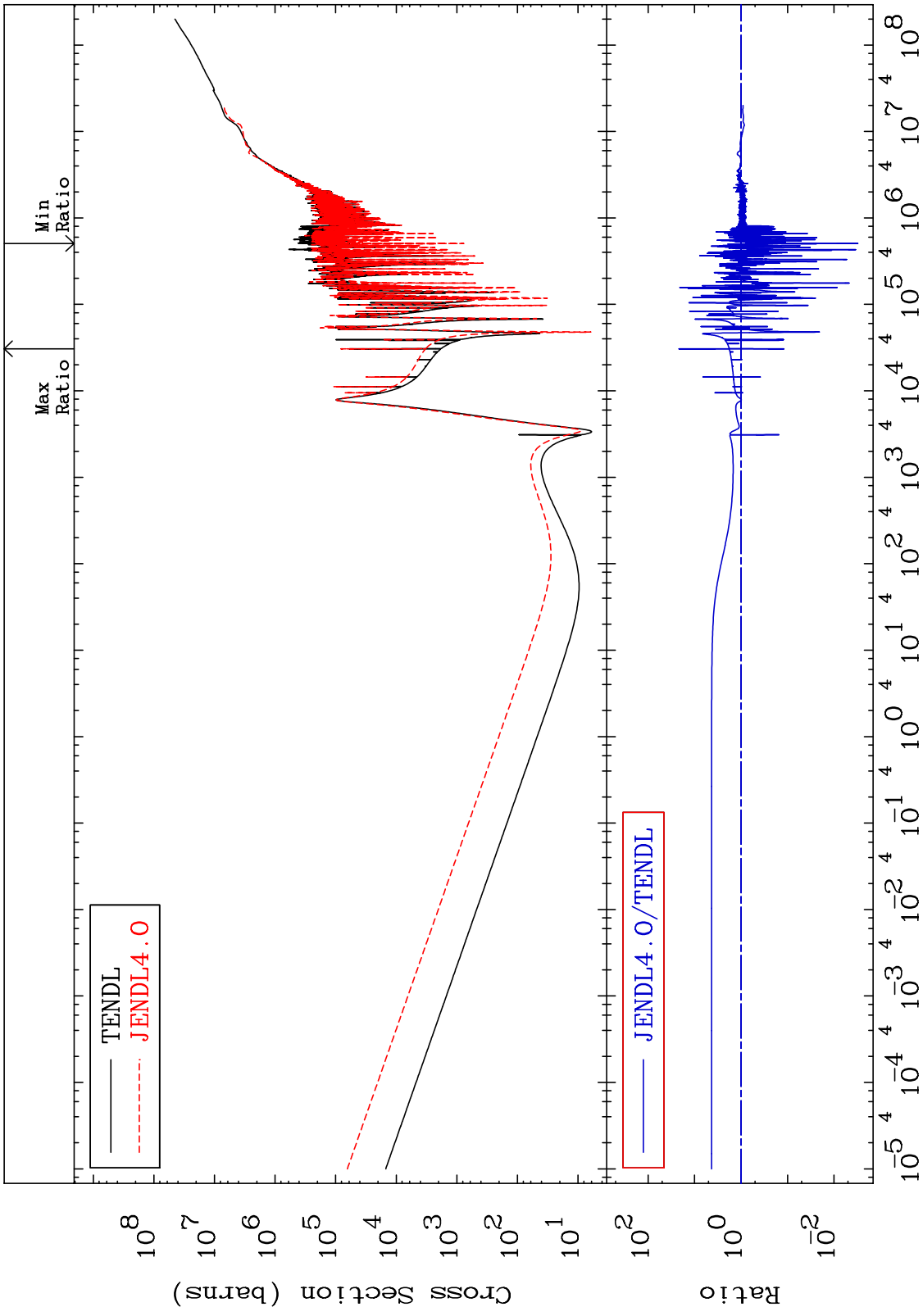
MAT 2625

He-4 Production
Cross Section

26-Fe-54
-34.67 To 9999. %



MAT 2625 Kerma total (eV-barns) Cross Section 26-Fe-54 -99.69 To 2056. %

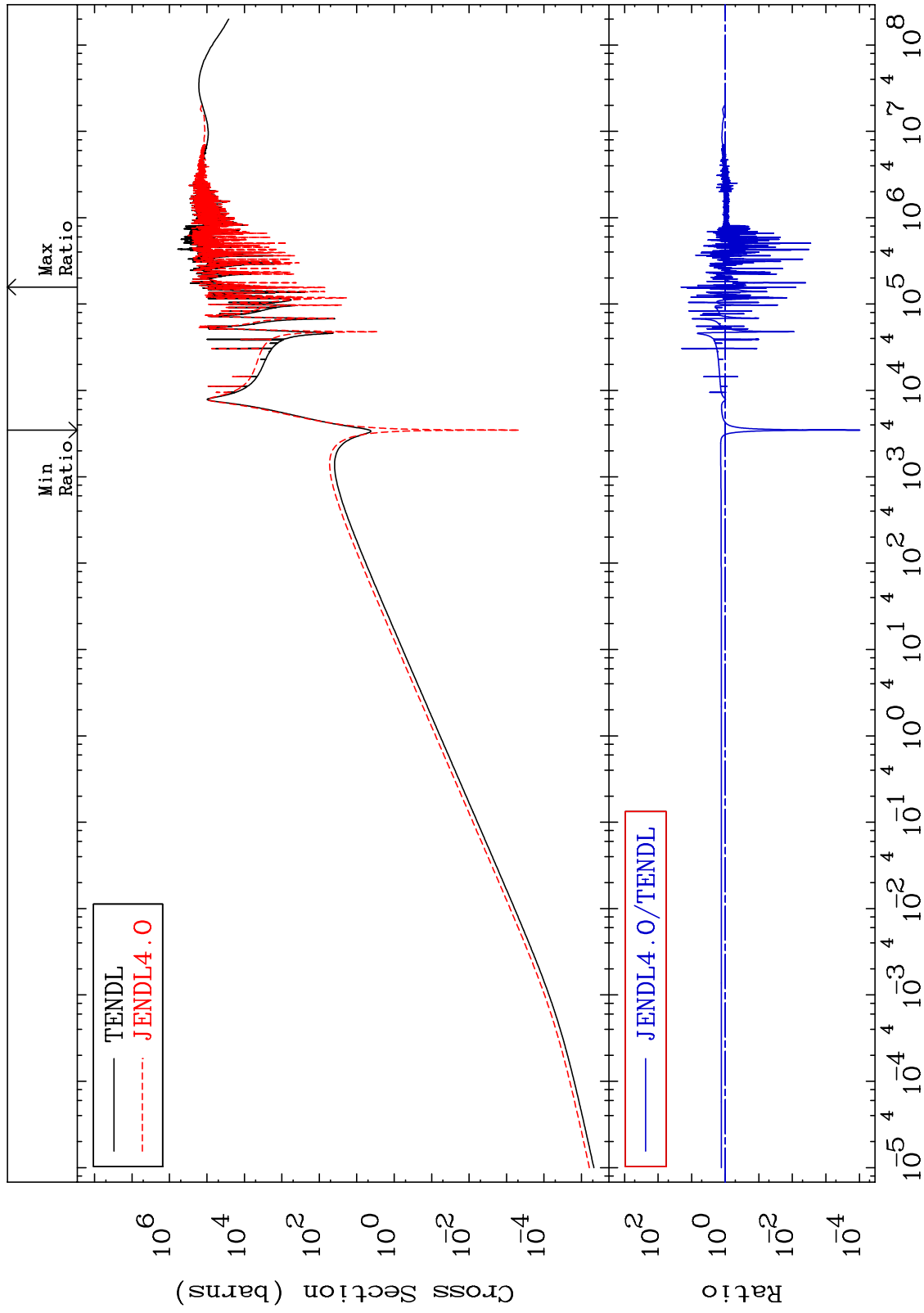


32 Incident Energy (eV) 26-Fe-54

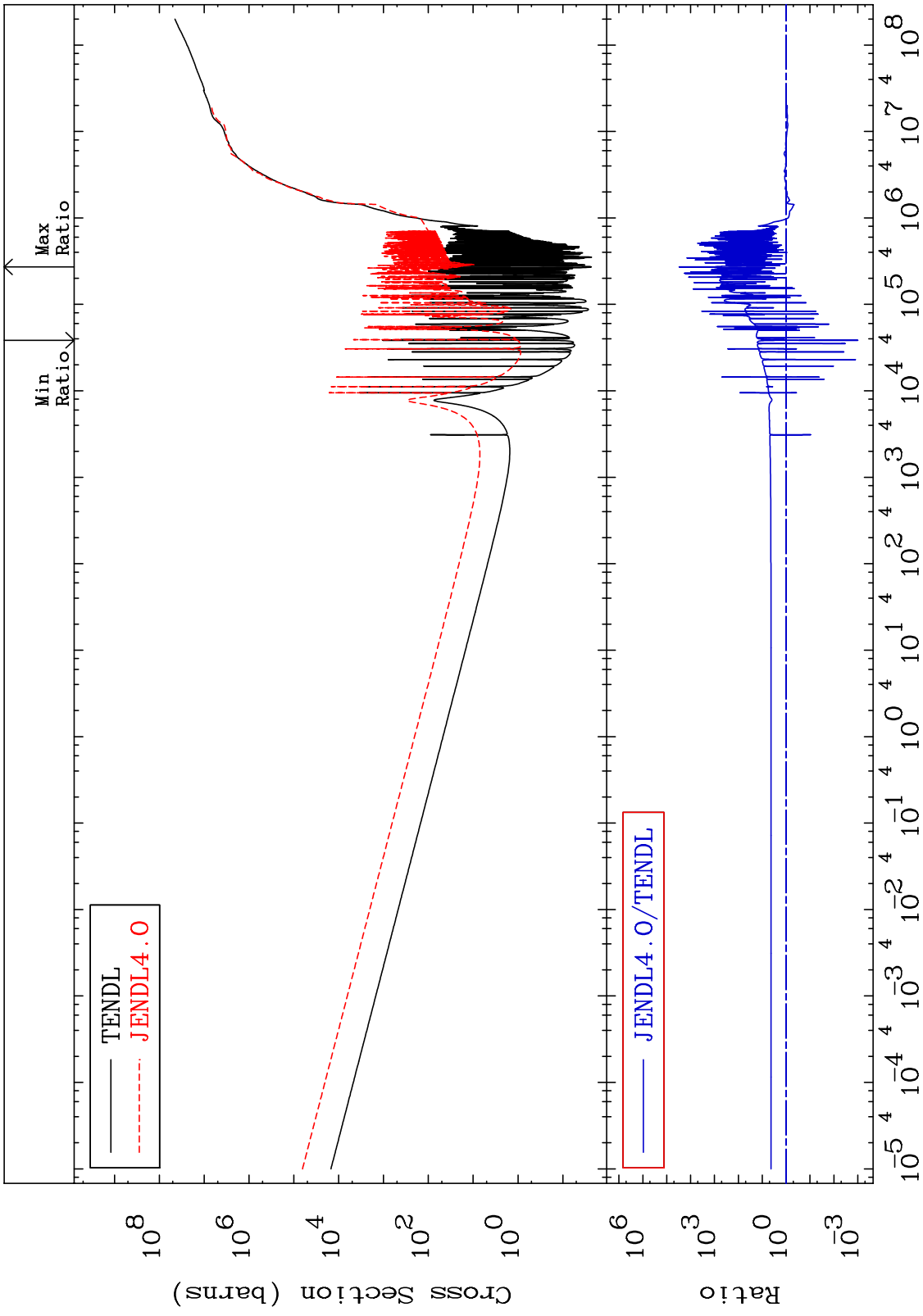
MAT 2625

Kerma elastic
Cross Section

26-Fe-54
-99.99 To 1947. %



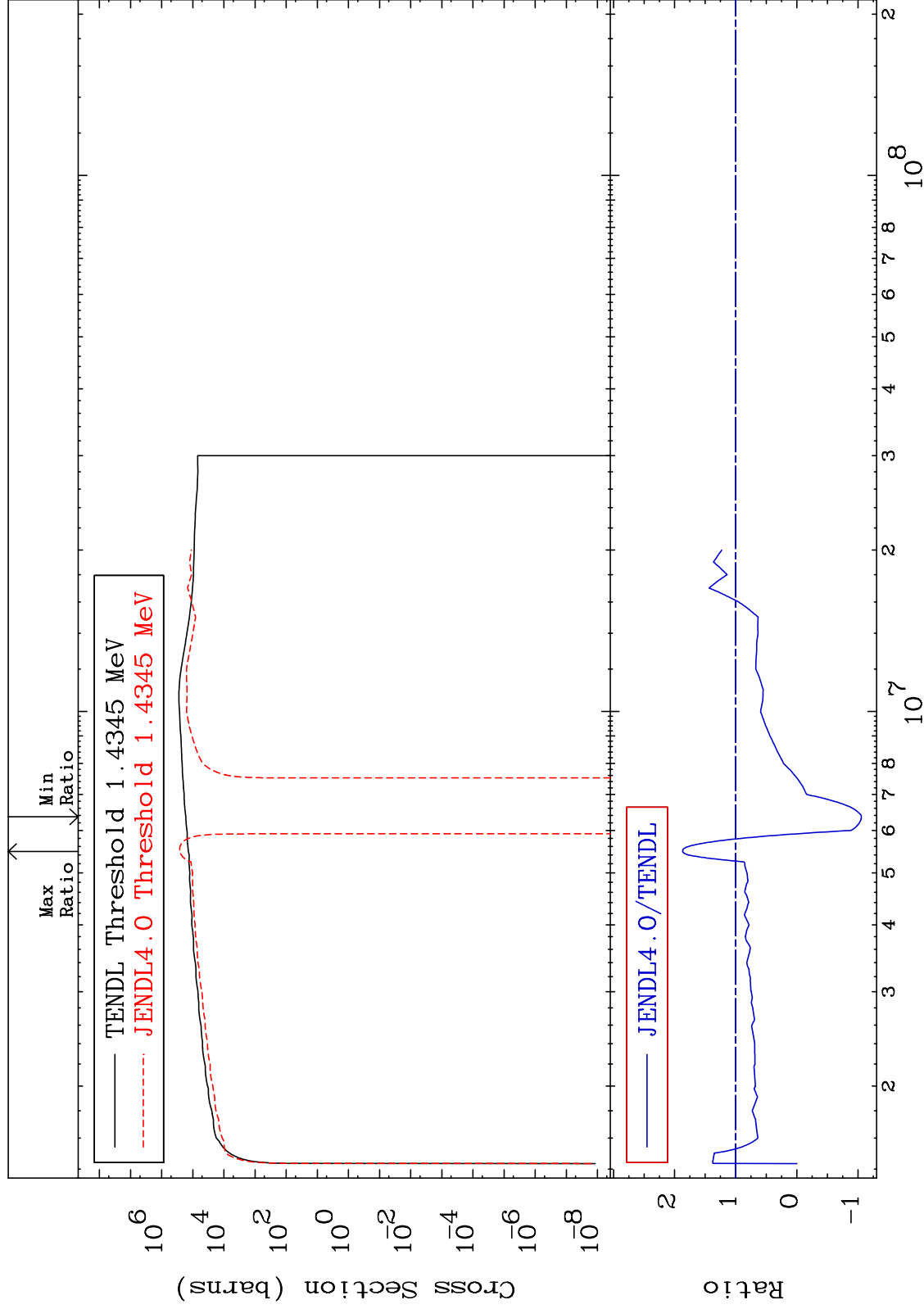
MAT 2625 Kerma non-elastic (all but mt2) Cross Section 26-Fe-54
 -99.90 To 9999. %



MAT 2625

Kerma inelastic (mt51-91)
Cross Section

26-Fe-54
-205.4 To 86.83 %



35

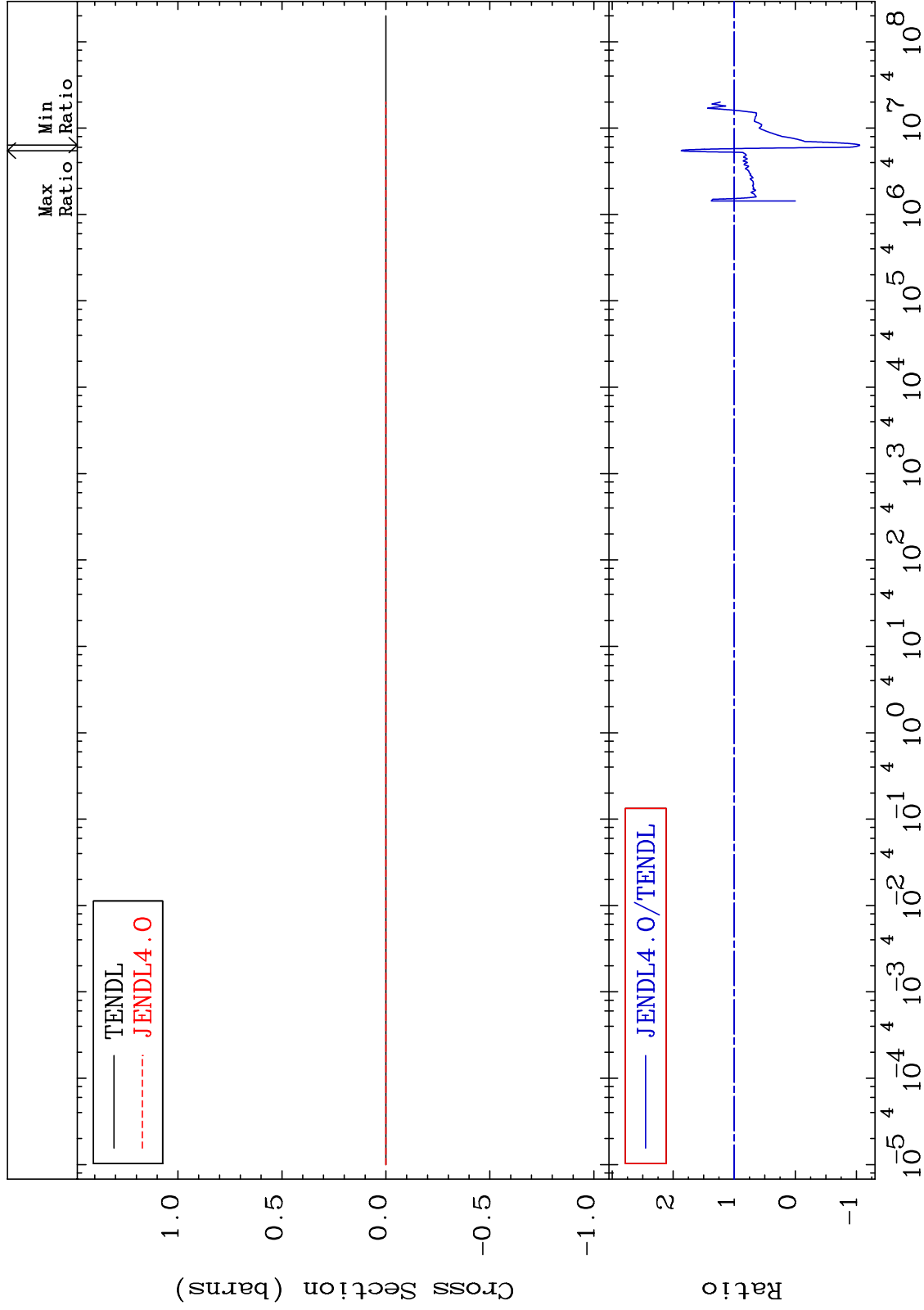
Incident Energy (eV)

26-Fe-54

MAT 2625

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

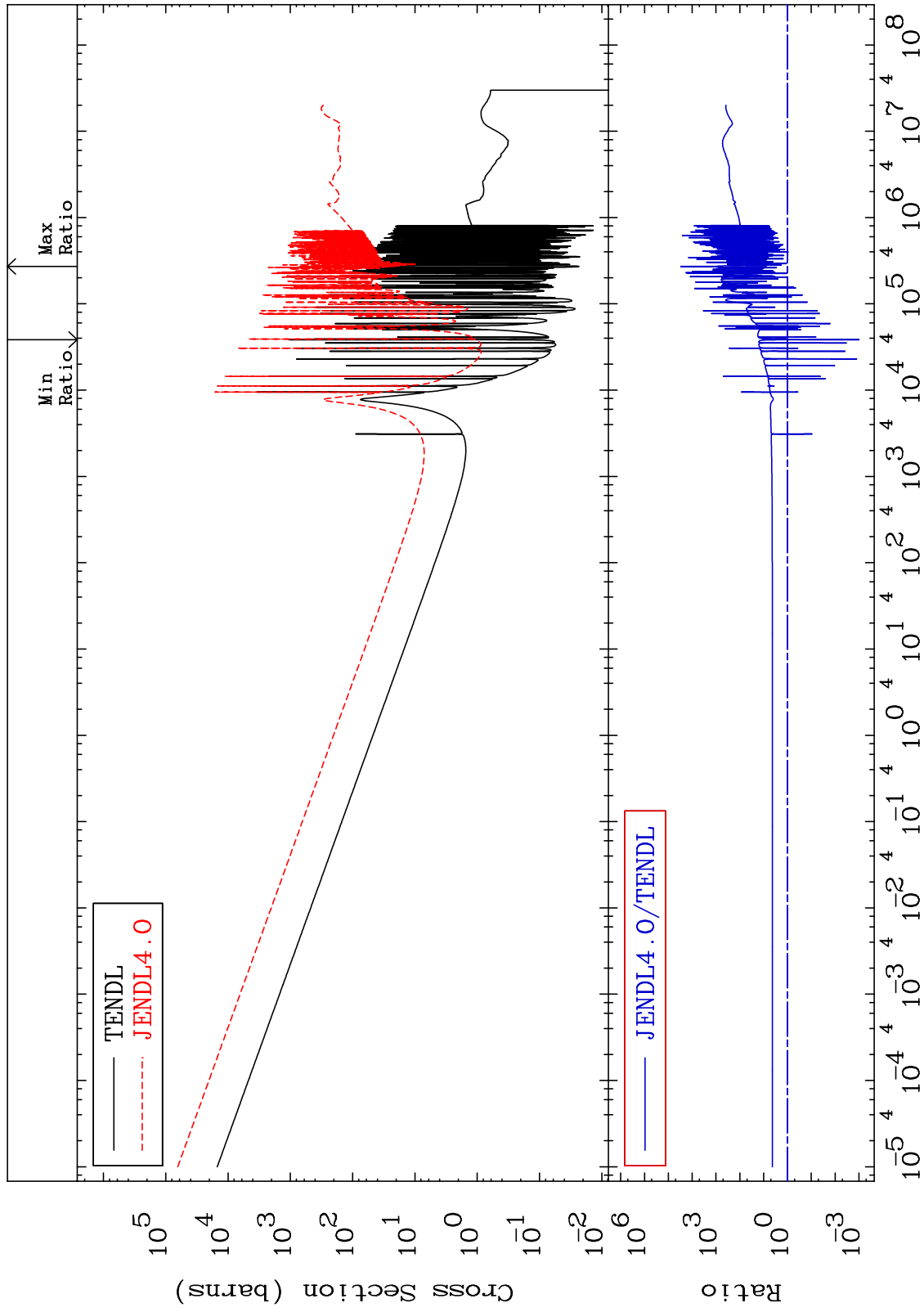
26-Fe-54
-205.4 To 86.83 %



MAT 2625

Kerma capture (mt102)
Cross Section

26-Fe-54
-99.90 To 9999. %

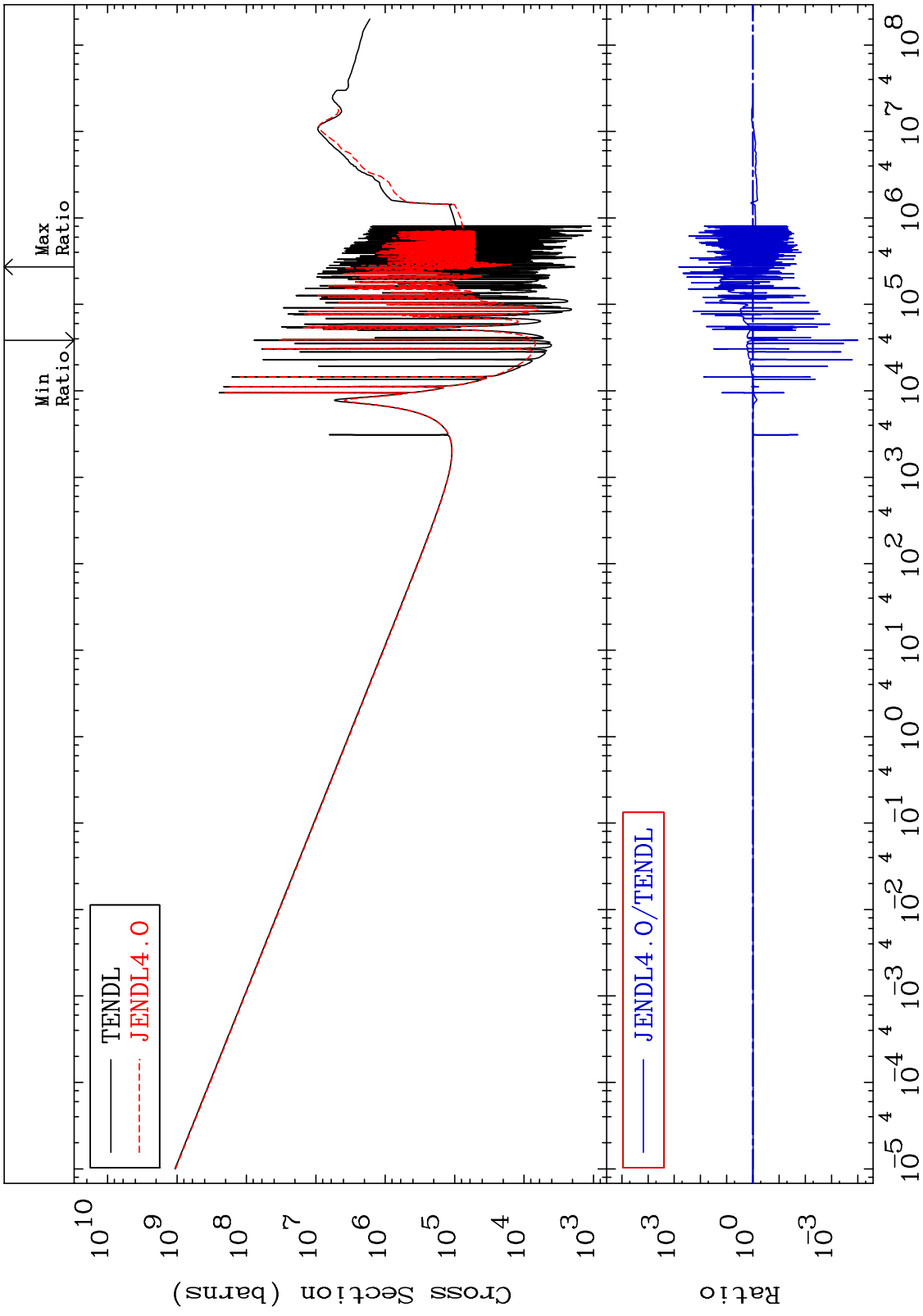


37

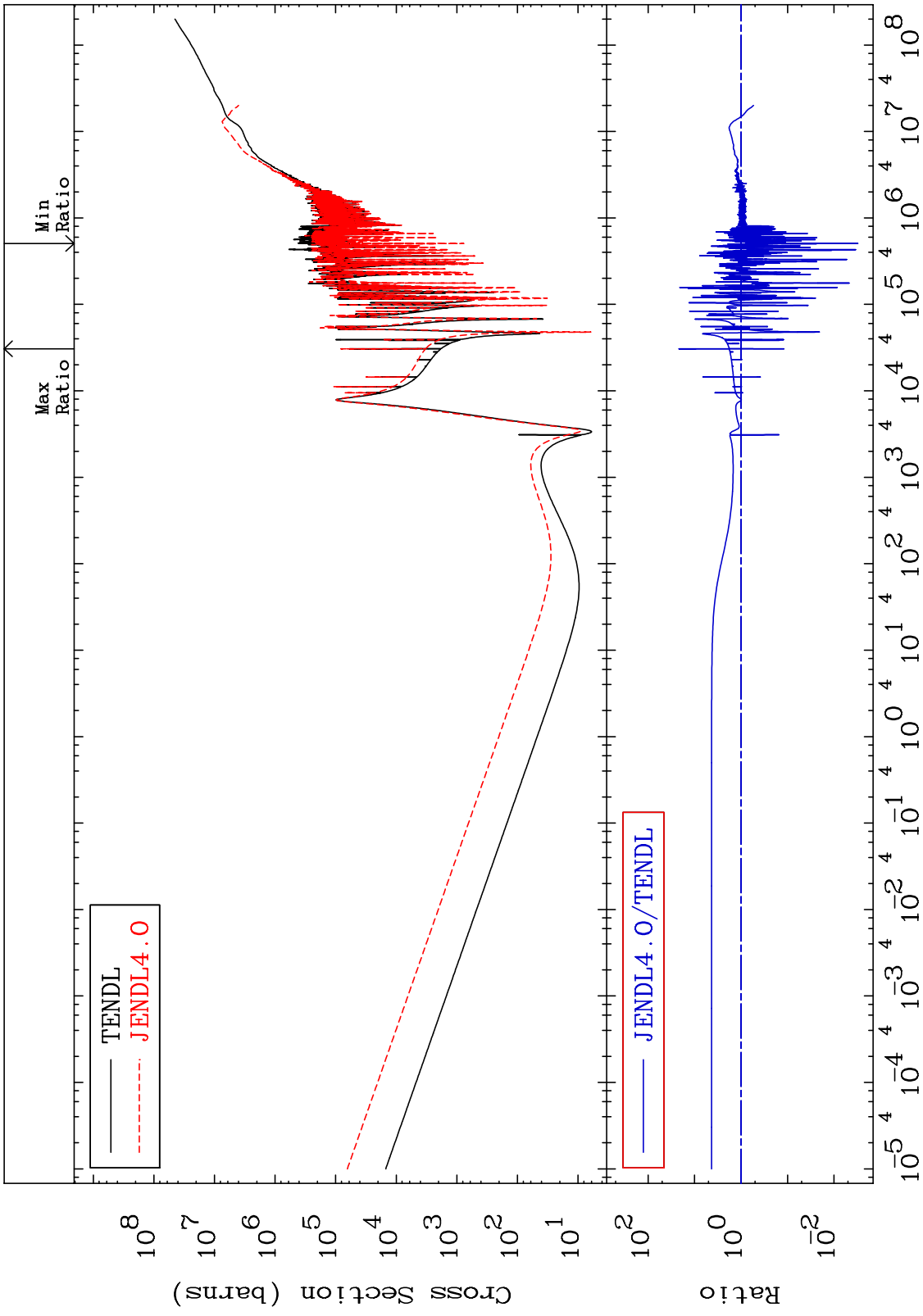
Incident Energy (eV)

26-Fe-54

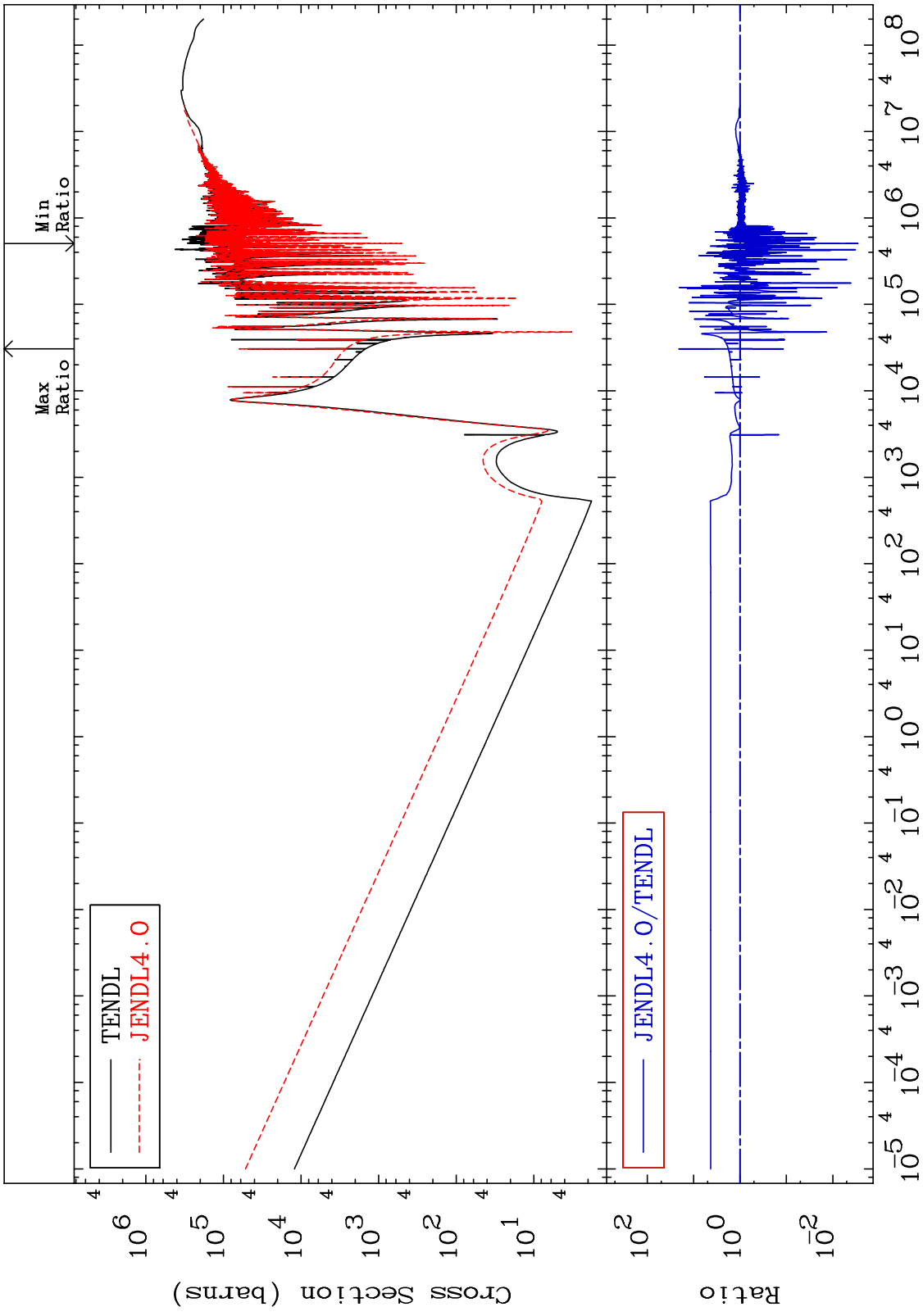
MAT 2625 Total photon (eV-barns) Cross Section 26-Fe-54
 -99.99 To 9999. %



MAT 2625 Total kinematic kerma (high limit) Cross Section 26-Fe-54
 -99.69 To 2056. %

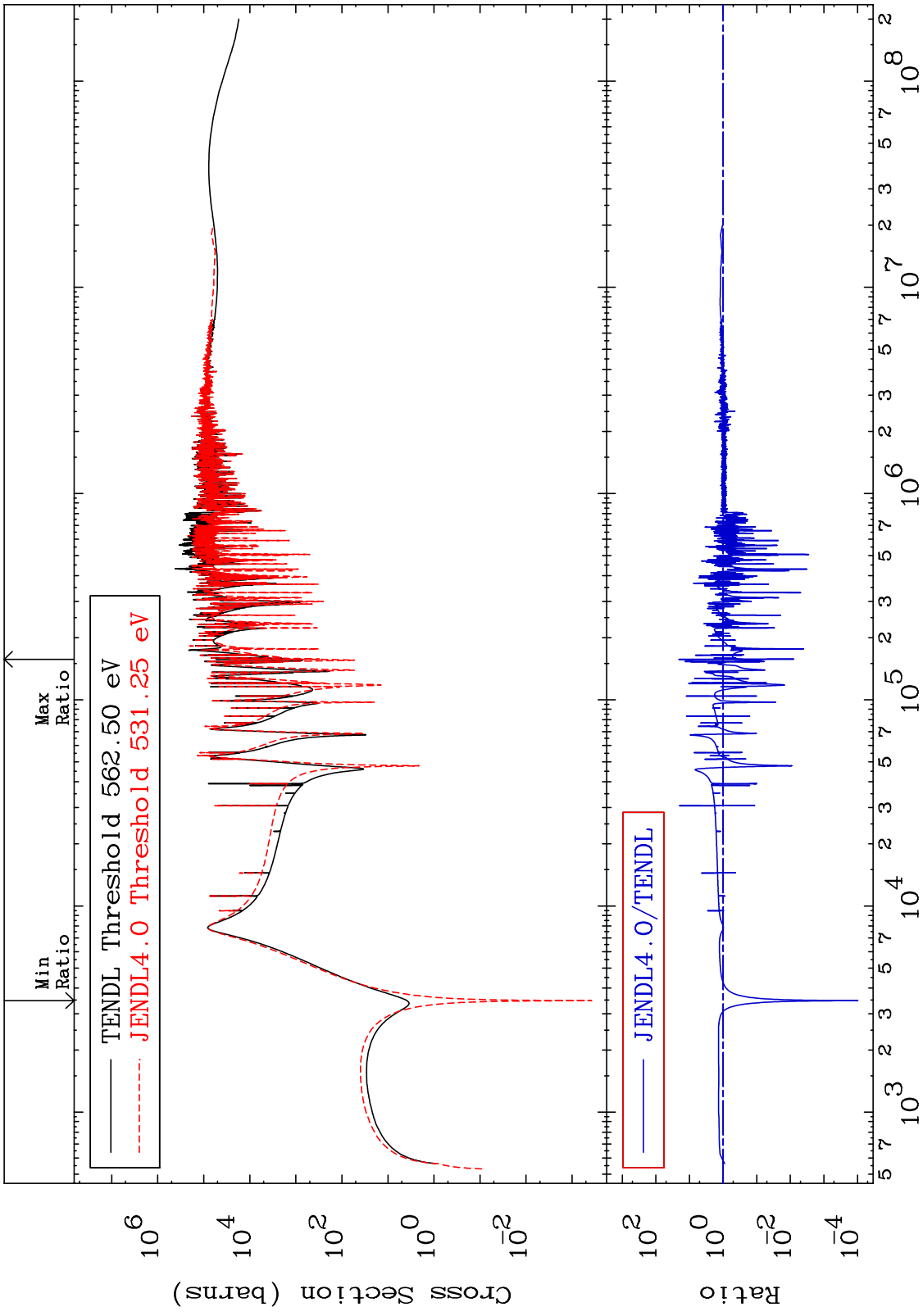


MAT 2625 Dpa total (eV-barns) 26-Fe-54
 -99.71 To 1965. %



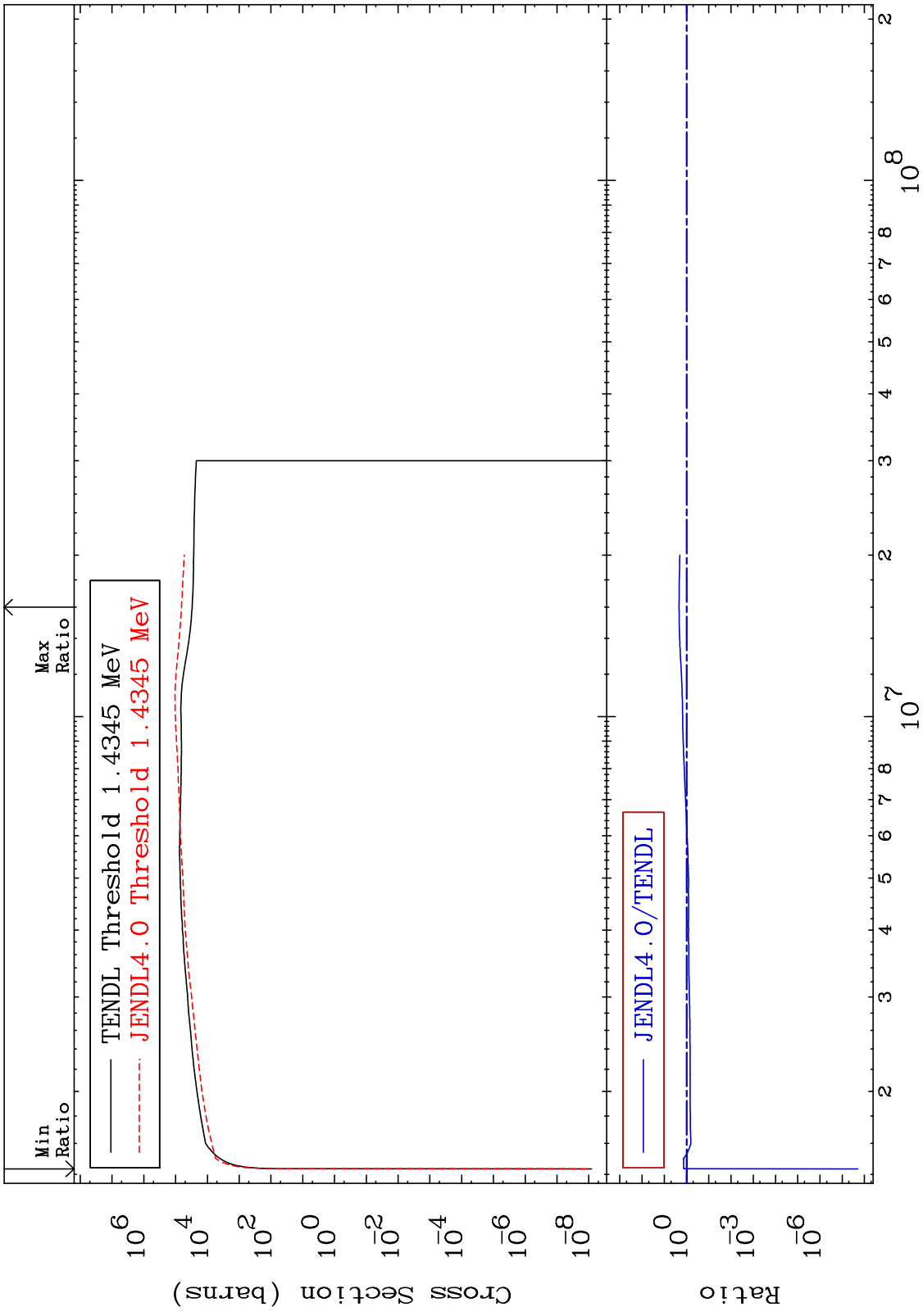
40 Incident Energy (eV) 26-Fe-54

MAT 2625 26-Fe-54
 Dpa elastic (mt2) -99.99 To 1947. %
 Cross Section



41 26-Fe-54

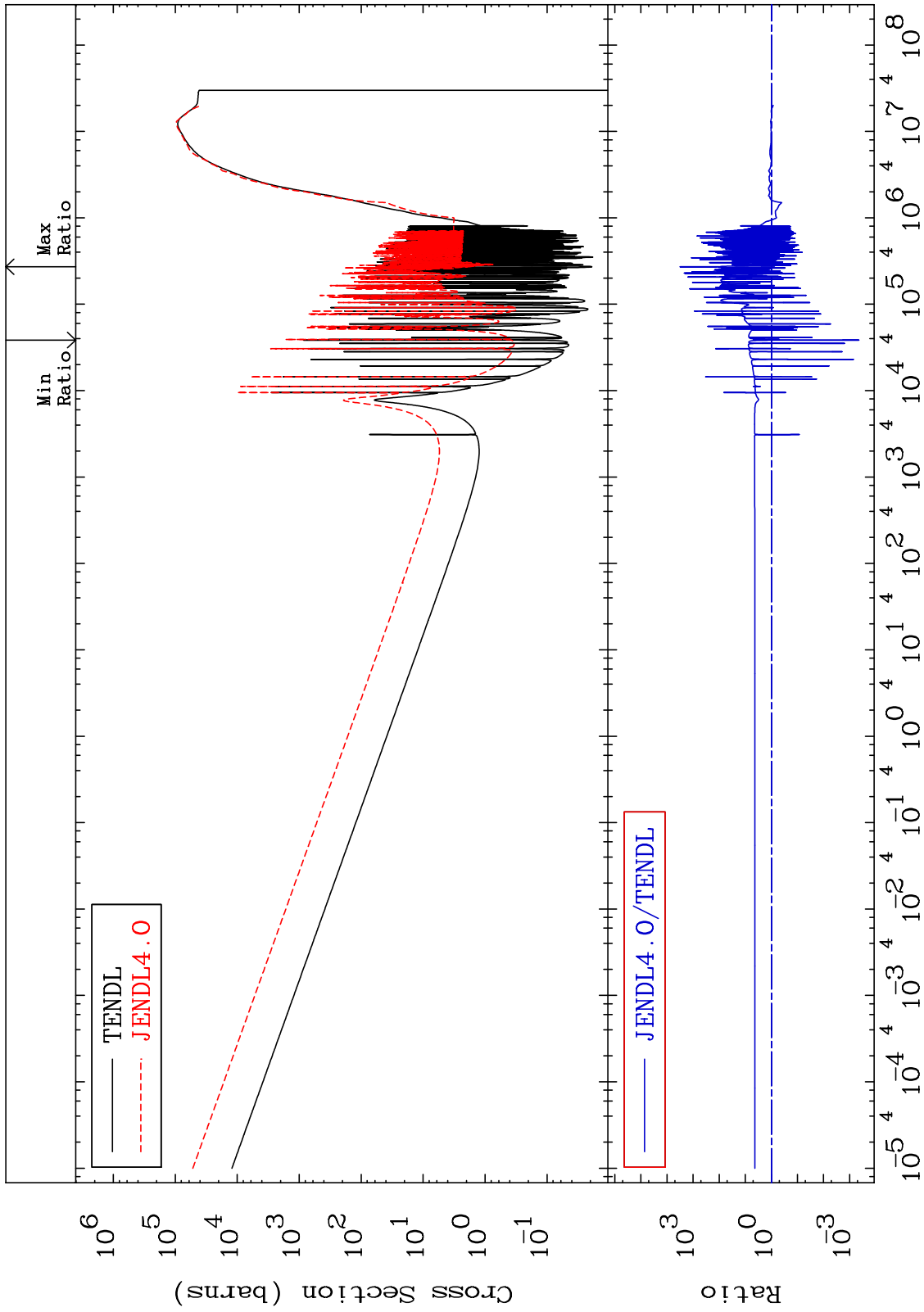
MAT 2625 Dpa inelastic (mt51-91) 26-Fe-54
 Cross Section -100.0 To 117.6 %



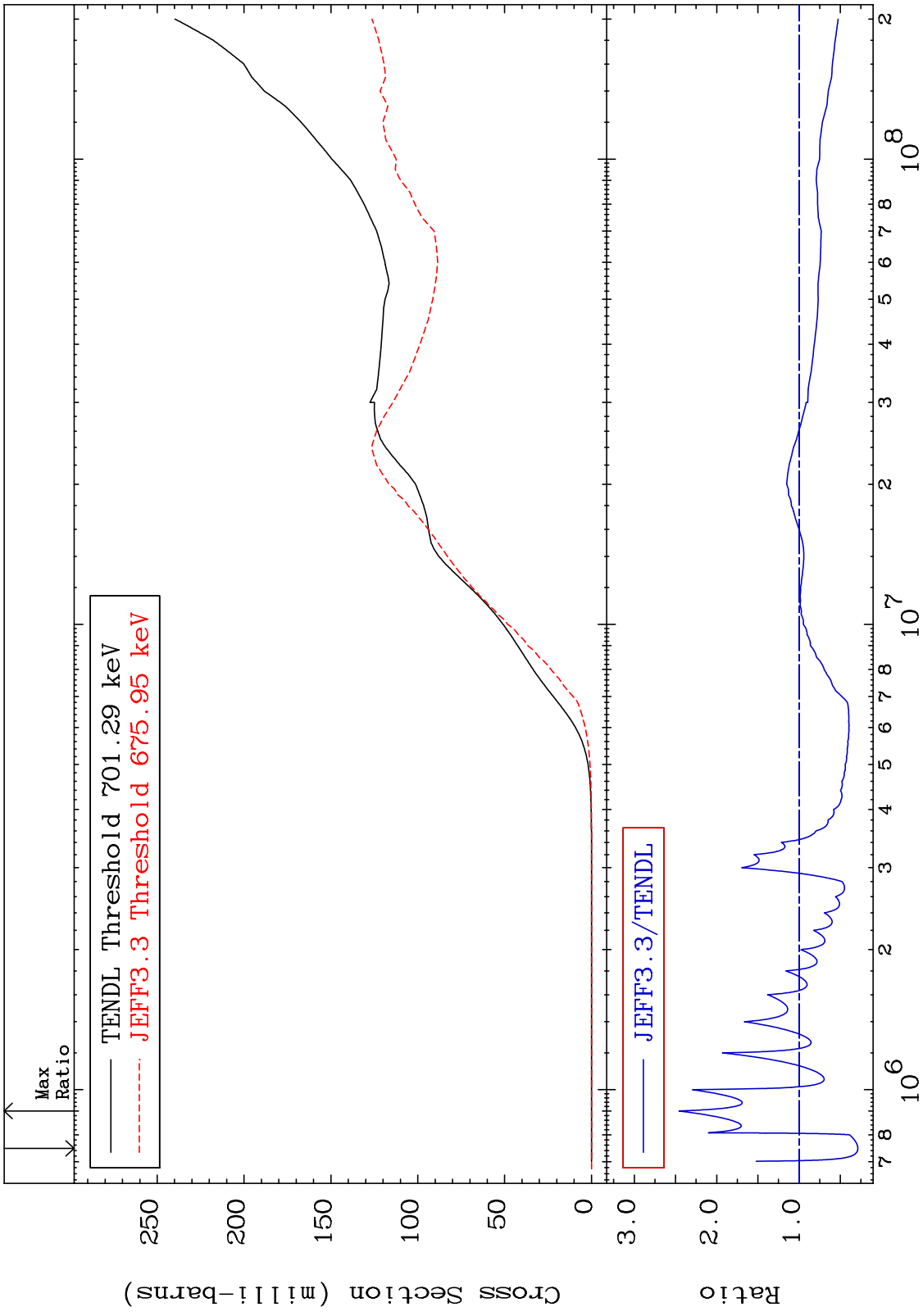
MAT 2625

Dpa disappearance (mt102 -120)
Cross Section

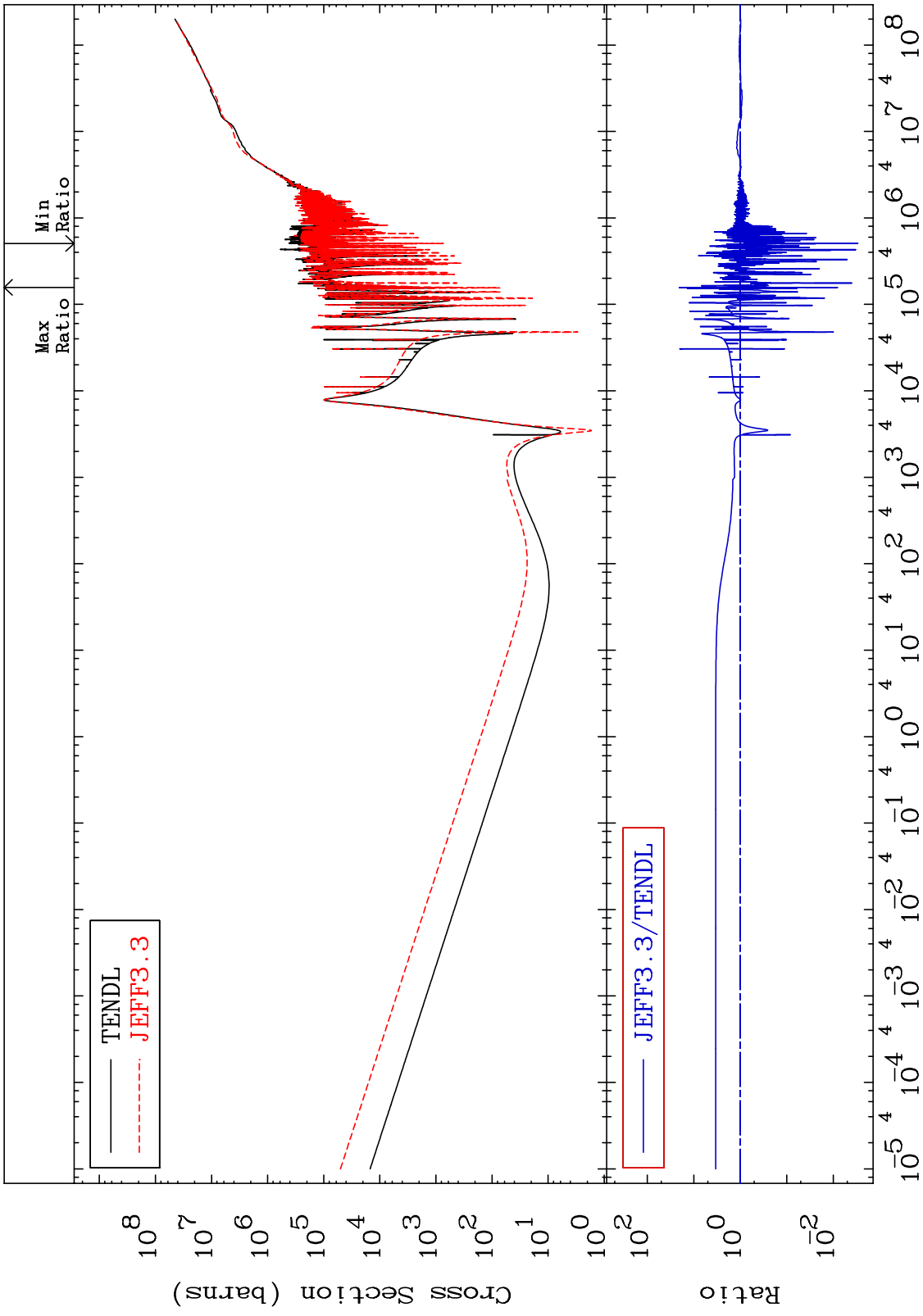
26-Fe-54
-99.96 To 9999. %



MAT 2625 He-4 Production Cross Section -71.21 To 145.7 % 26-Fe-54



MAT 2625 Kerma total (eV-barns) Cross Section 26-Fe-54
 -99.70 To 1970. %

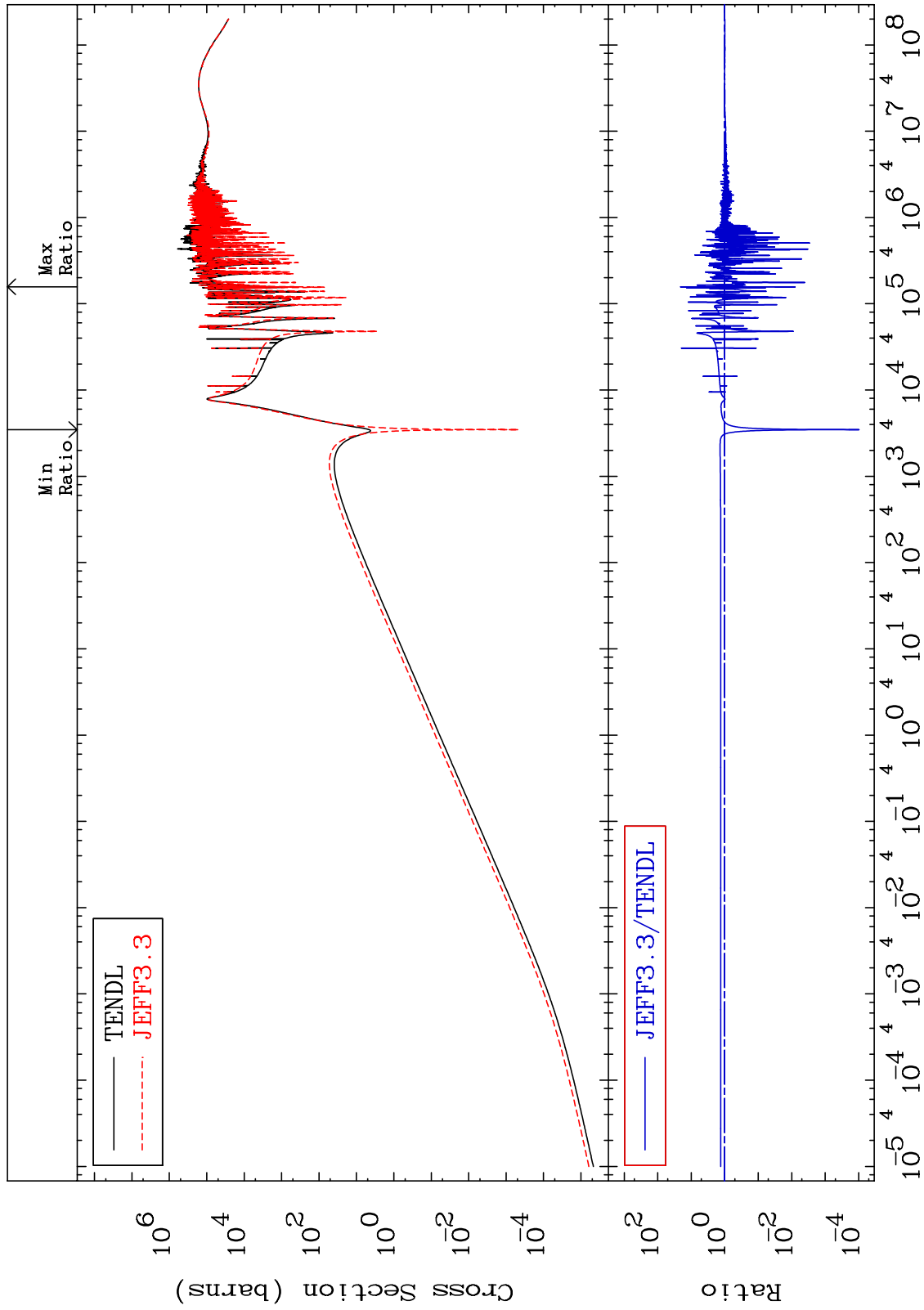


45 Incident Energy (eV) 26-Fe-54

MAT 2625

Kerma elastic
Cross Section

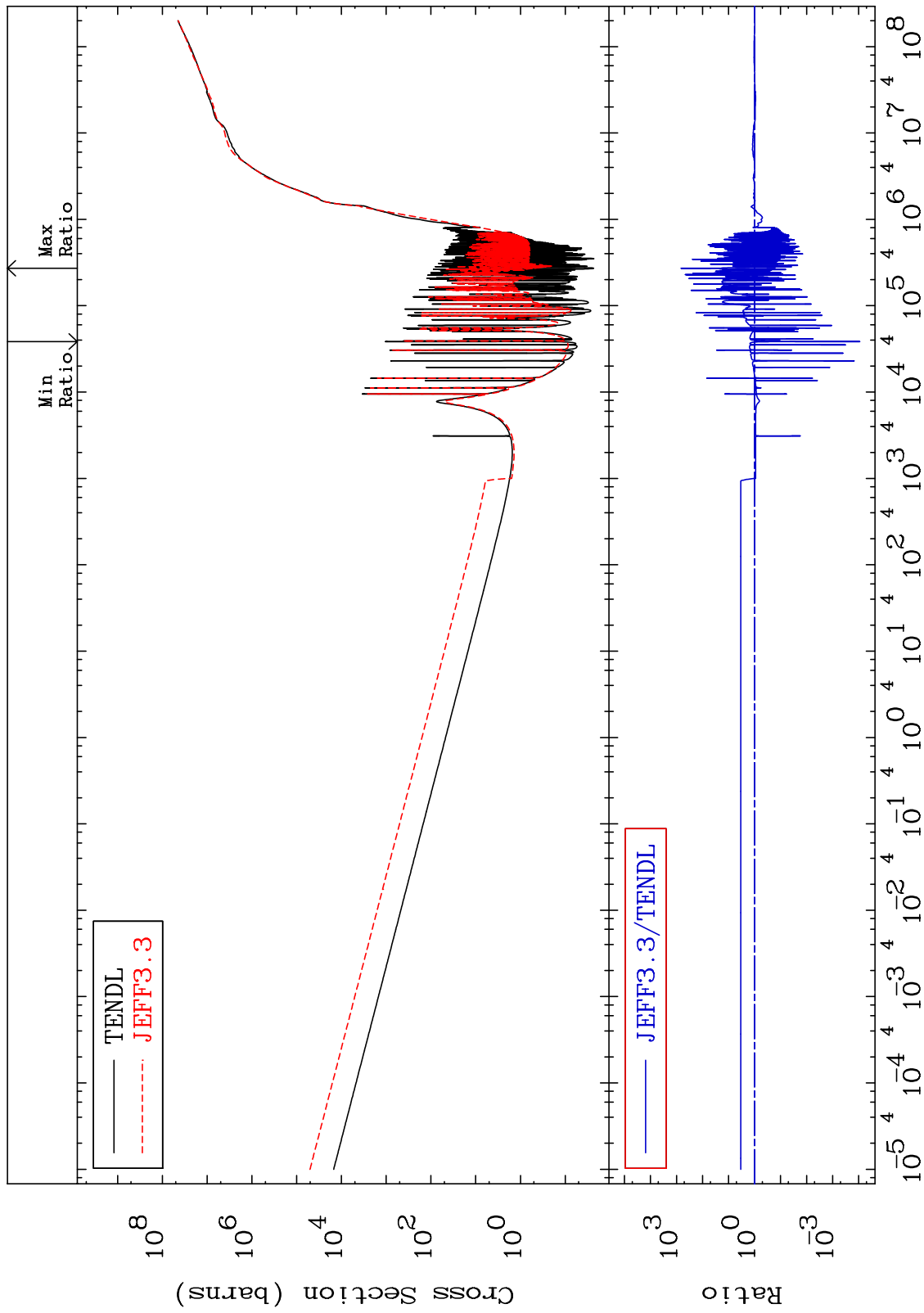
26-Fe-54
-99.99 To 1970. %

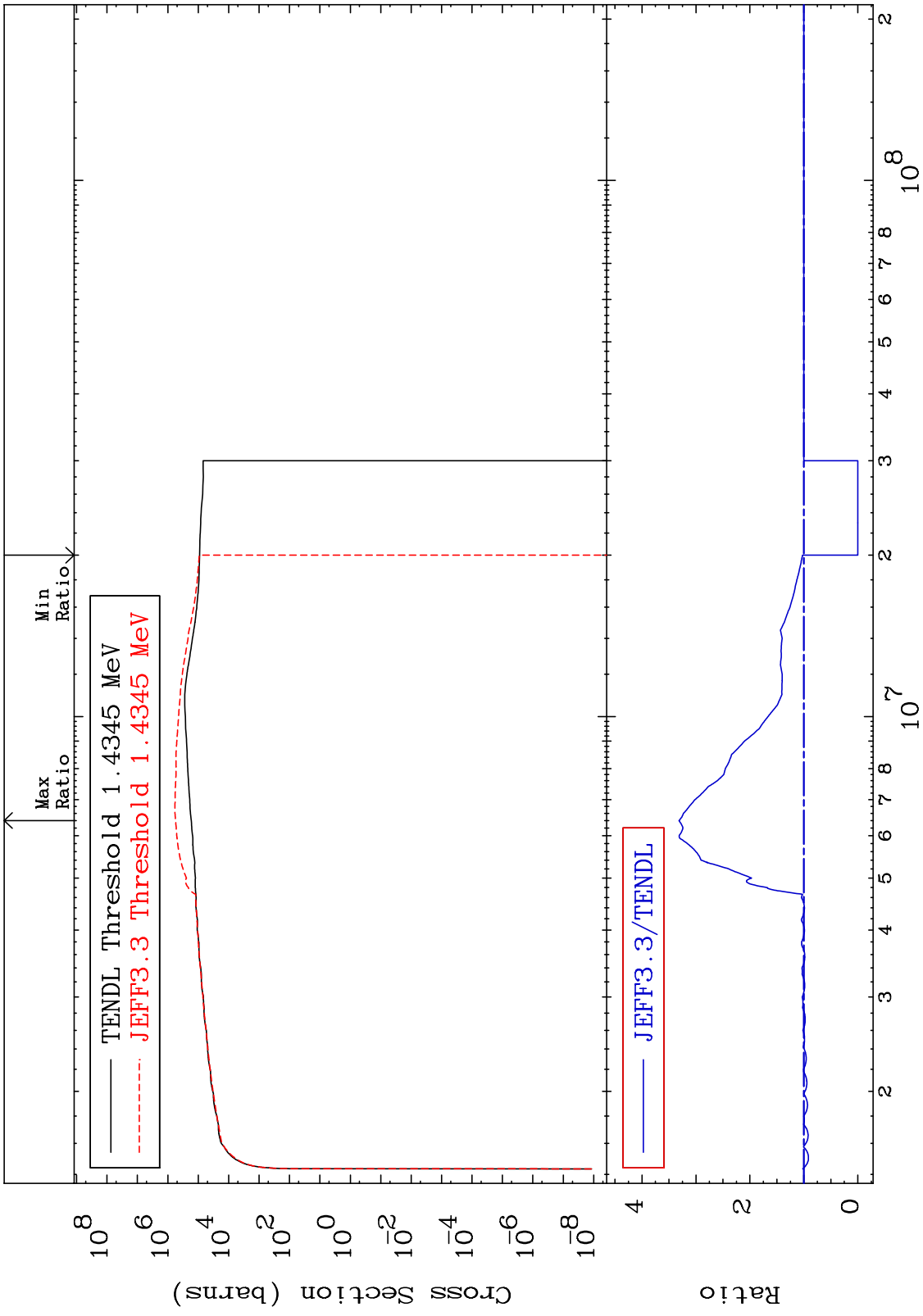


MAT 2625

Kerma non-elastic (all but mt2)
Cross Section

26-Fe-54
-99.99 To 9999. %

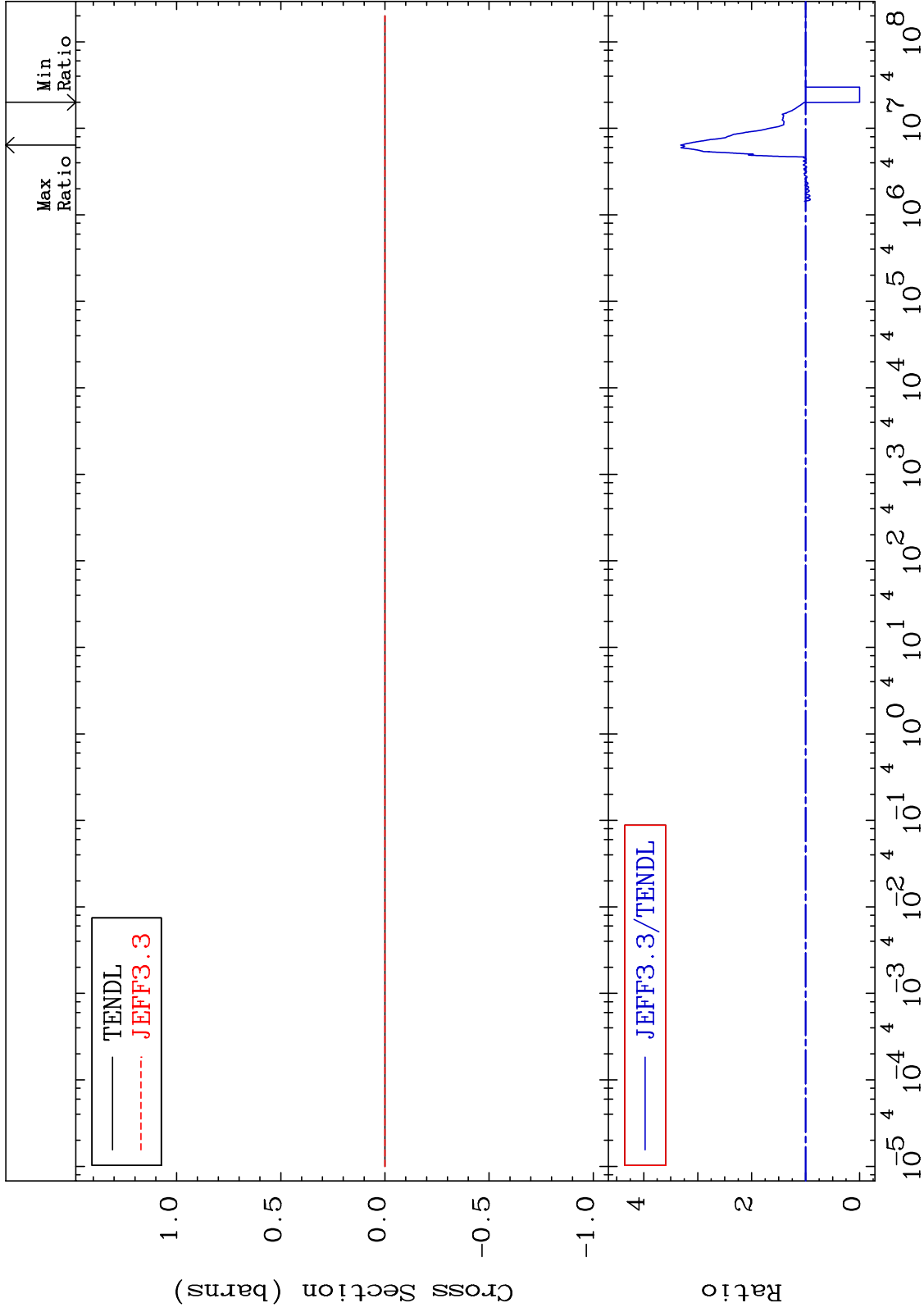




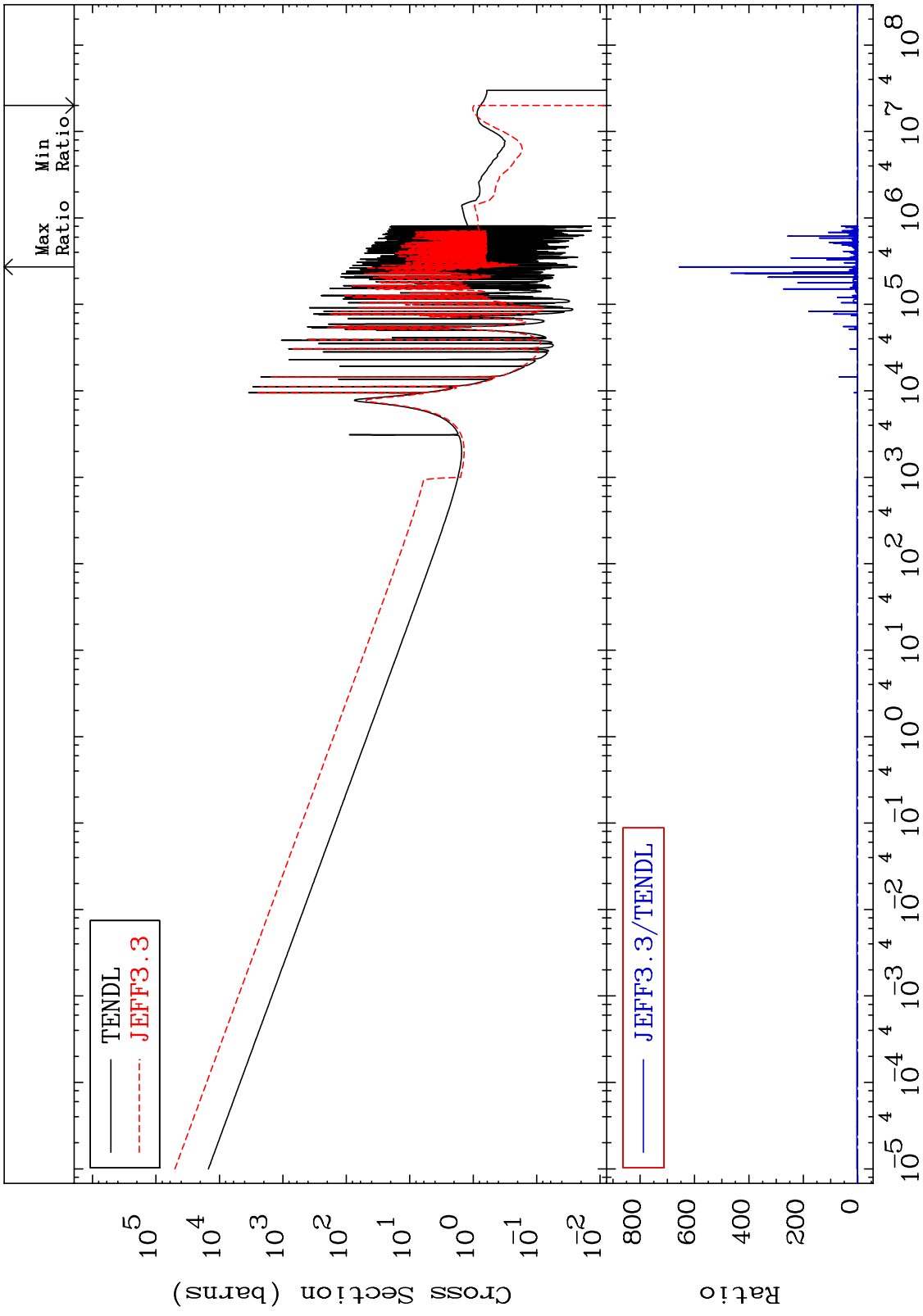
MAT 2625

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

26-Fe-54
-100.0 To 231.3 %

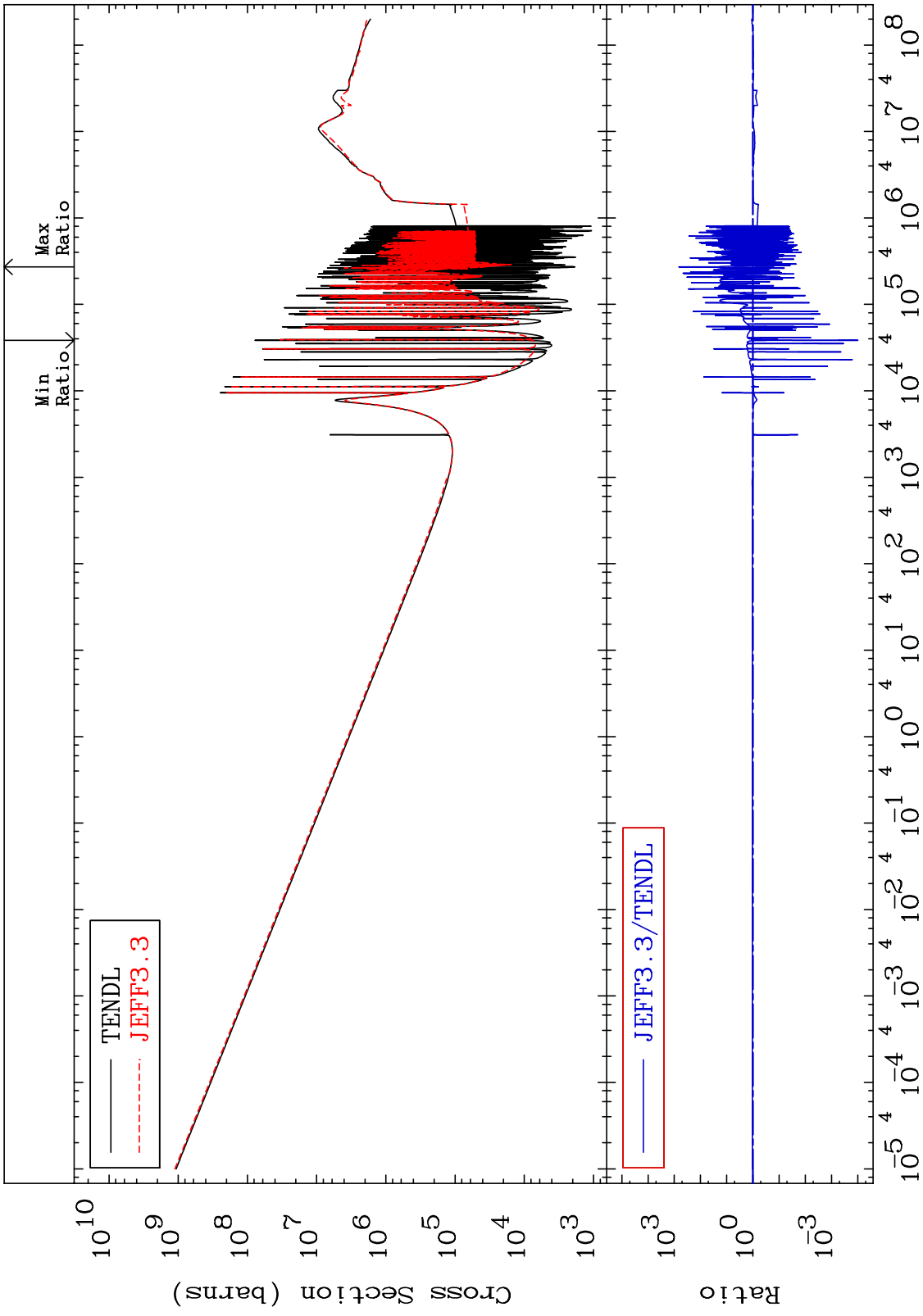


MAT 2625 Kerma capture (mt102) 26-Fe-54
 Cross Section -100.0 To 9999. %



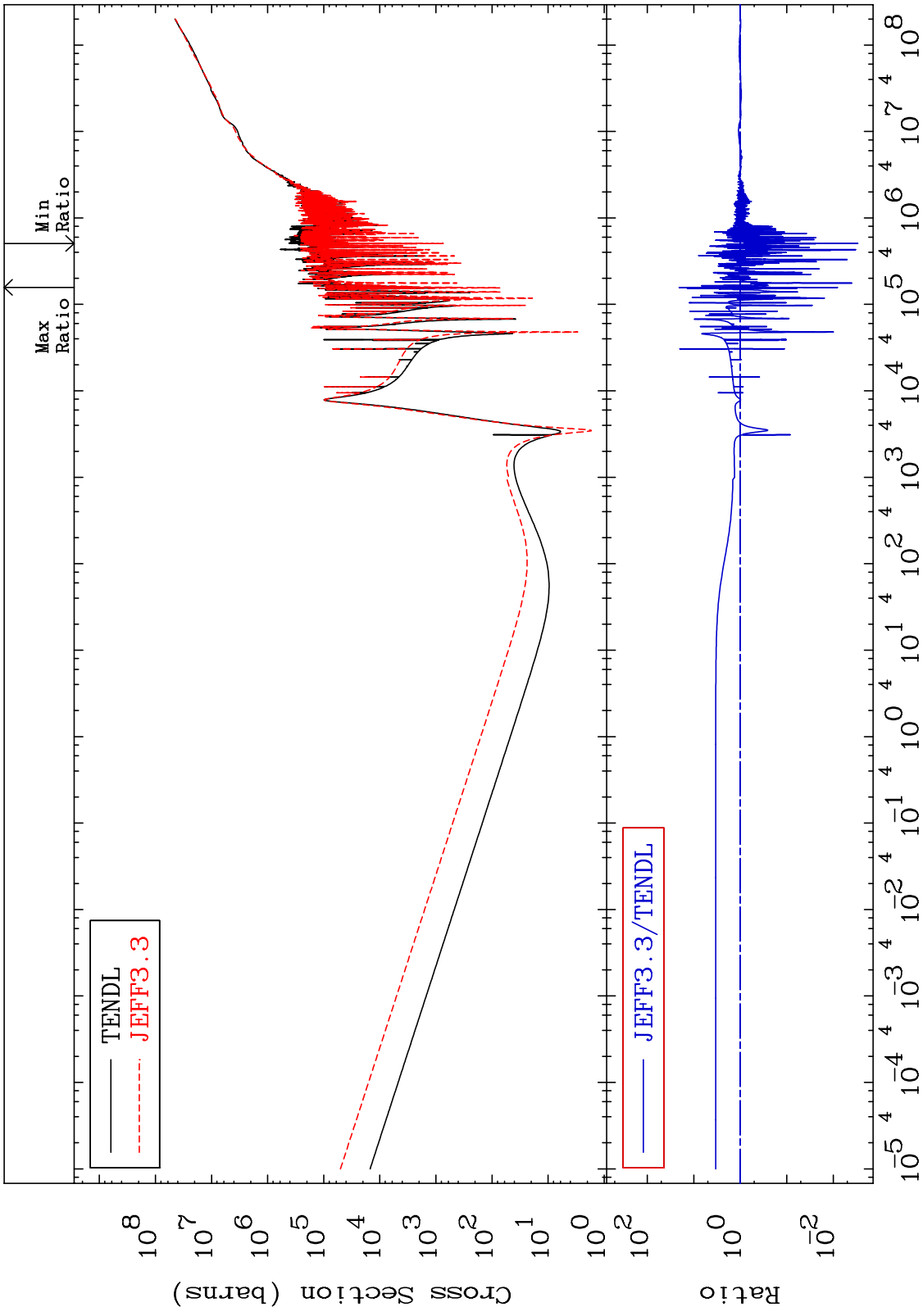
50 Incident Energy (eV) 26-Fe-54

MAT 2625 26-Fe-54
 Total photon (eV-barns) -99.99 To 9999. %
 Cross Section

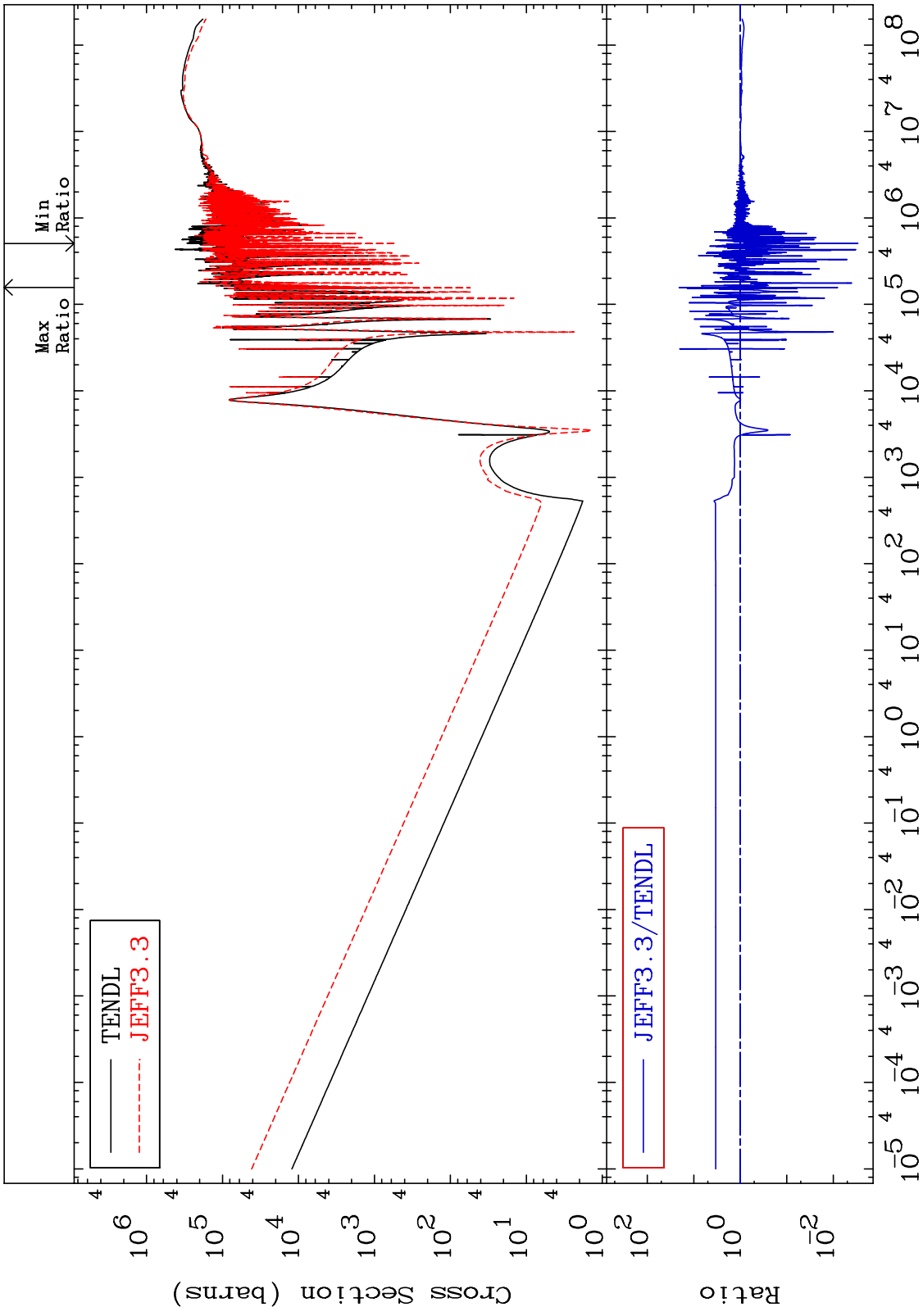


51 Incident Energy (eV) 26-Fe-54

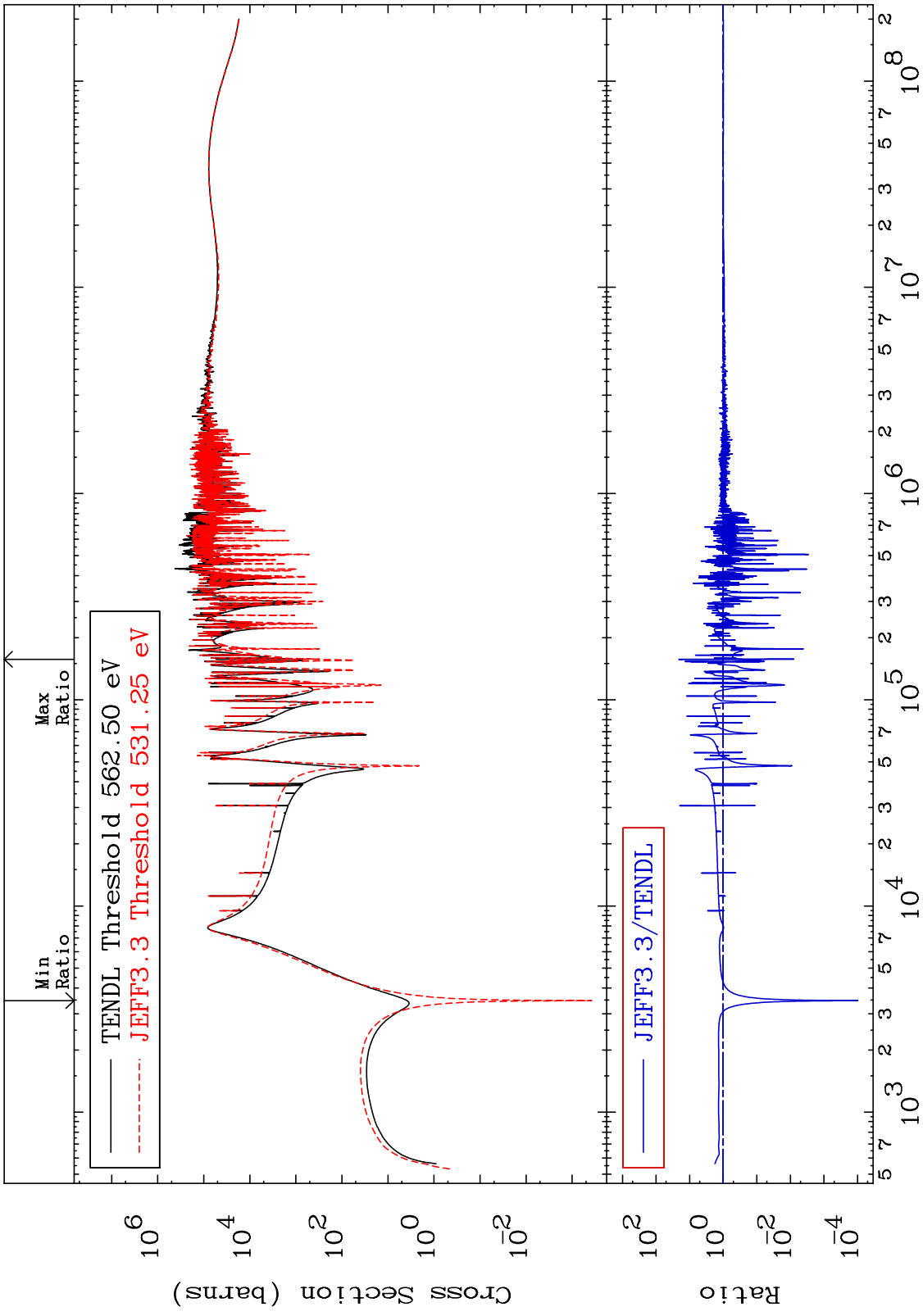
MAT 2625 Total kinematic kerma (high limit) Cross Section 26-Fe-54
 -99.70 To 1970. %



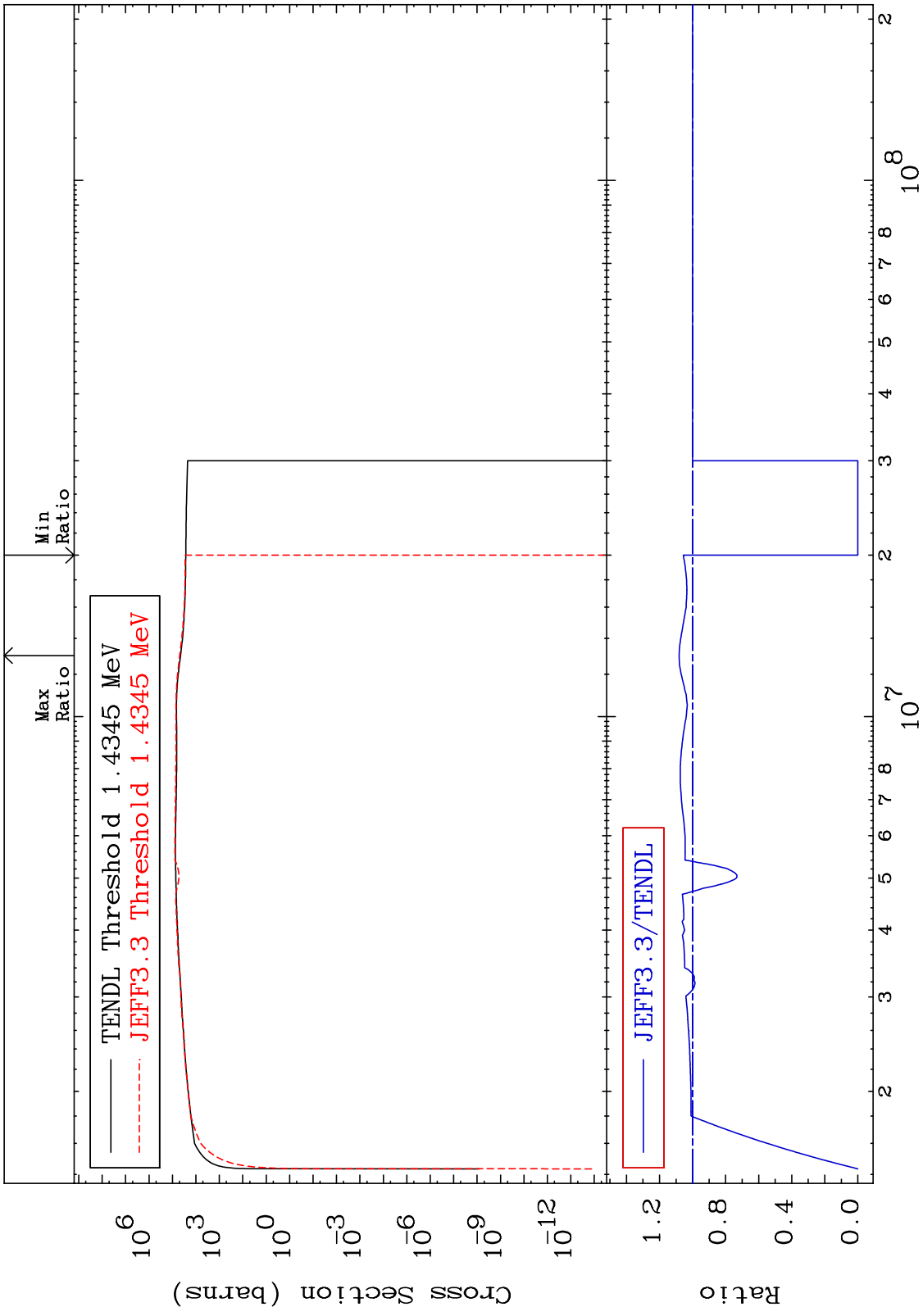
MAT 2625 Dpa total (eV-barns) 26-Fe-54
 Cross Section -99.70 To 1970. %



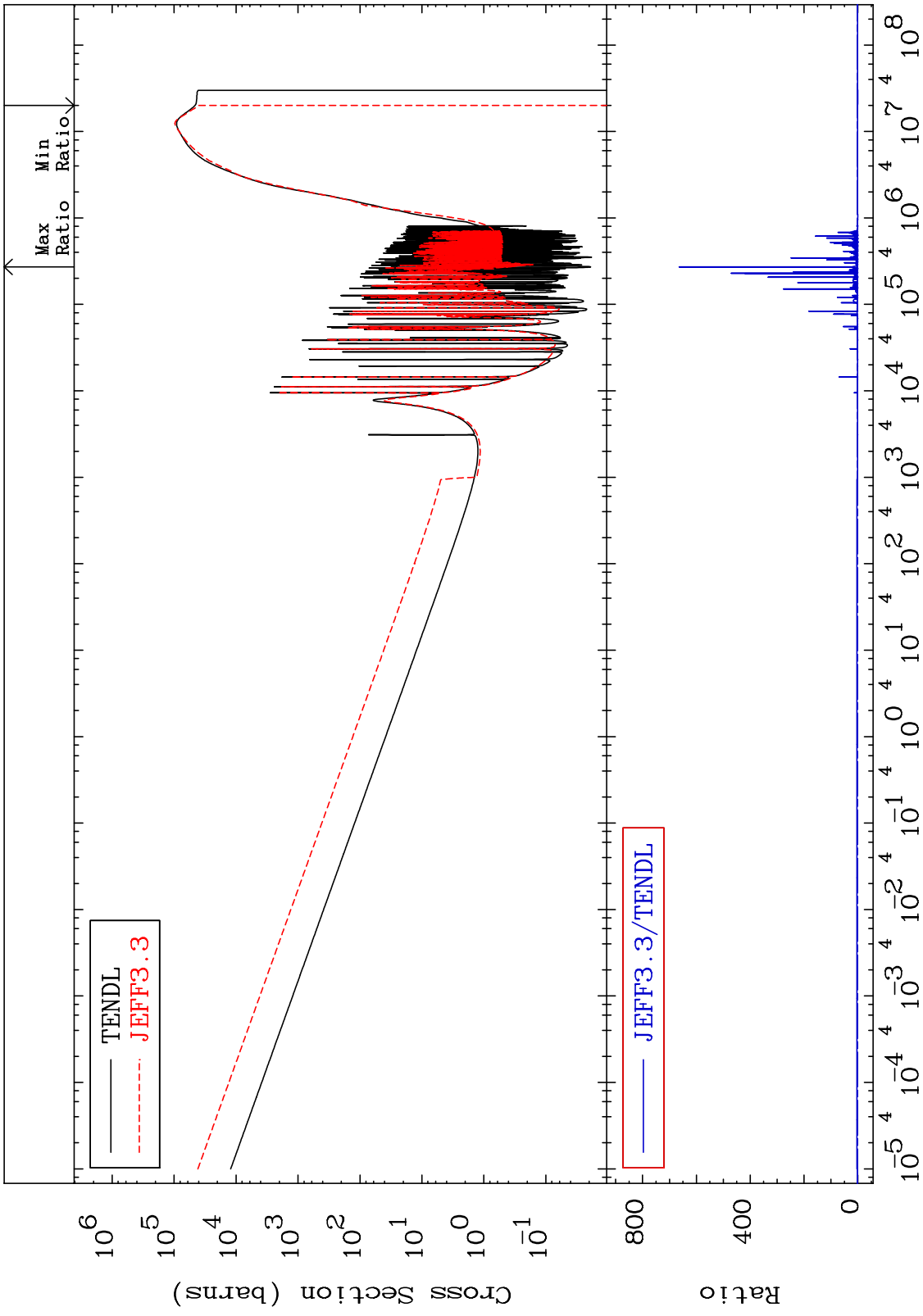
MAT 2625 26-Fe-54
 Dpa elastic (mt2) -99.99 To 1970. %
 Cross Section



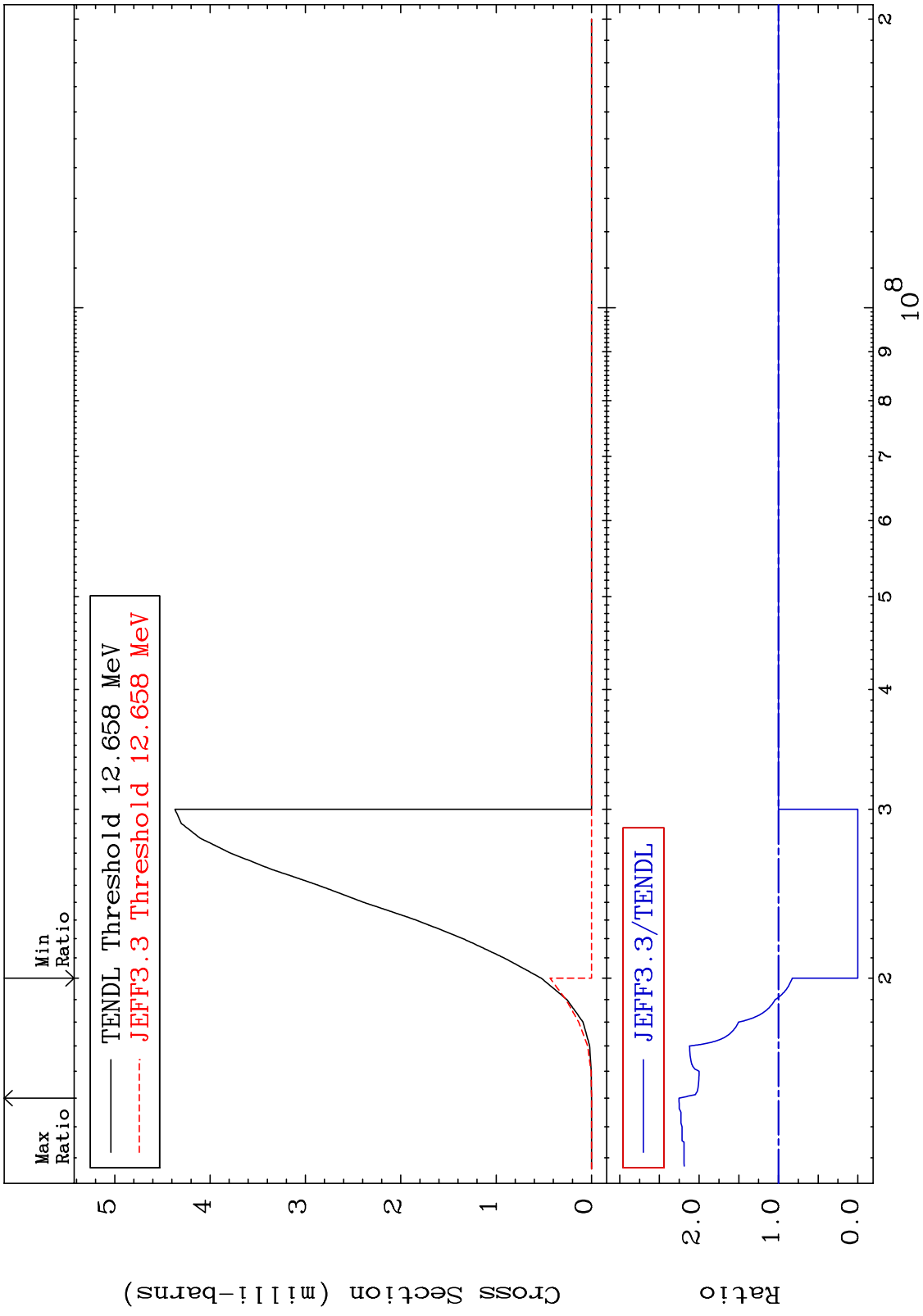
54 26-Fe-54



MAT 2625 Dpa disappearance (mt102 -120) 26-Fe-54
 Cross Section -100.0 To 9999. %



MAT 2625 (n,t):25-Mn-52g 26-Fe-54
 Radionuclide Production Cross Section -100.0 To 125.3 %



57 Incident Energy (eV) 26-Fe-54

MAT 2625 (n,t):25-Mn-52m1 26-Fe-54
 Radionuclide Production Cross Section -100.0 To 970.2 %

