

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

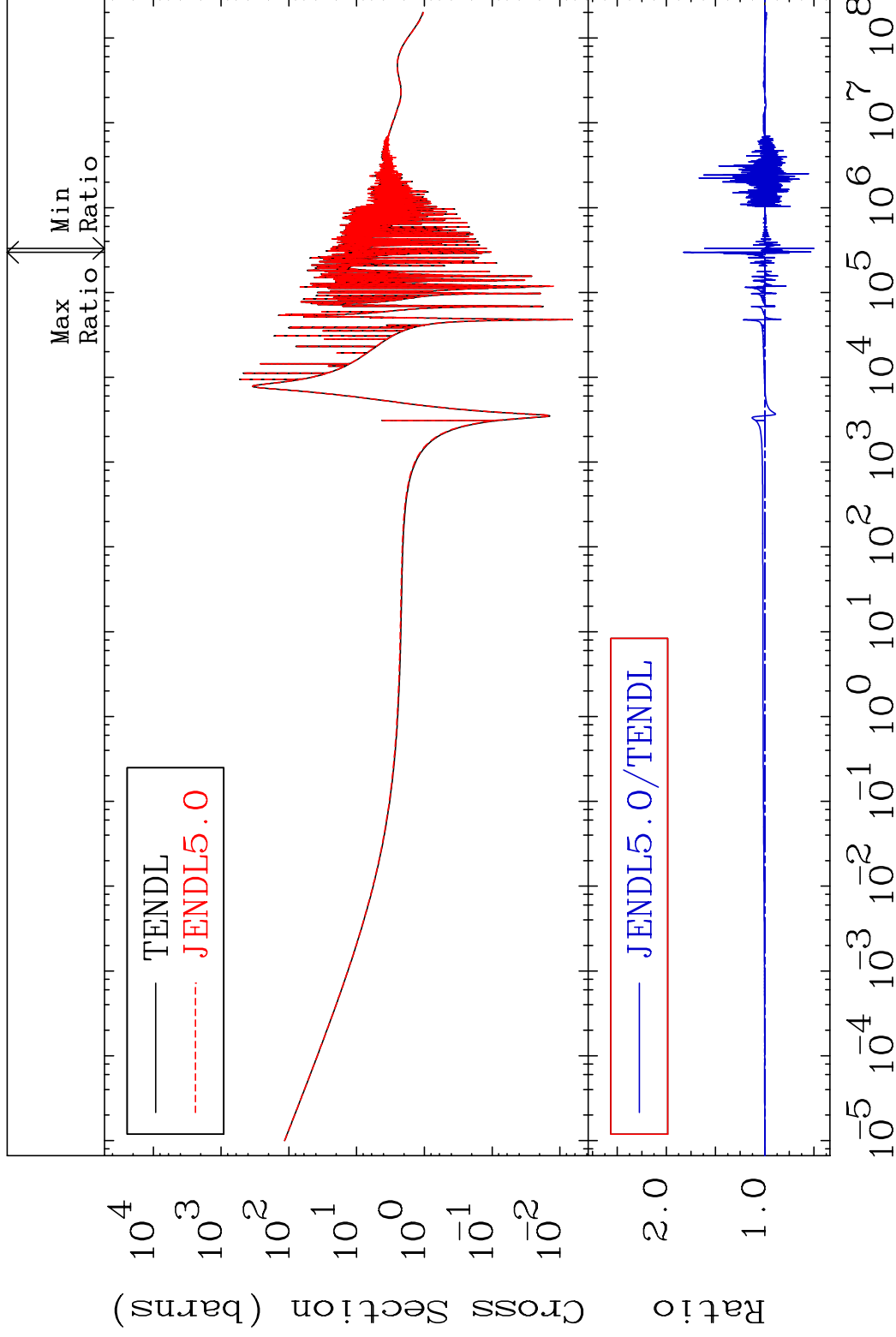
MAT 2625

Total

²⁶Fe-54

Cross Section

-50.18 To 82.43 %



1

Incident Energy (eV)

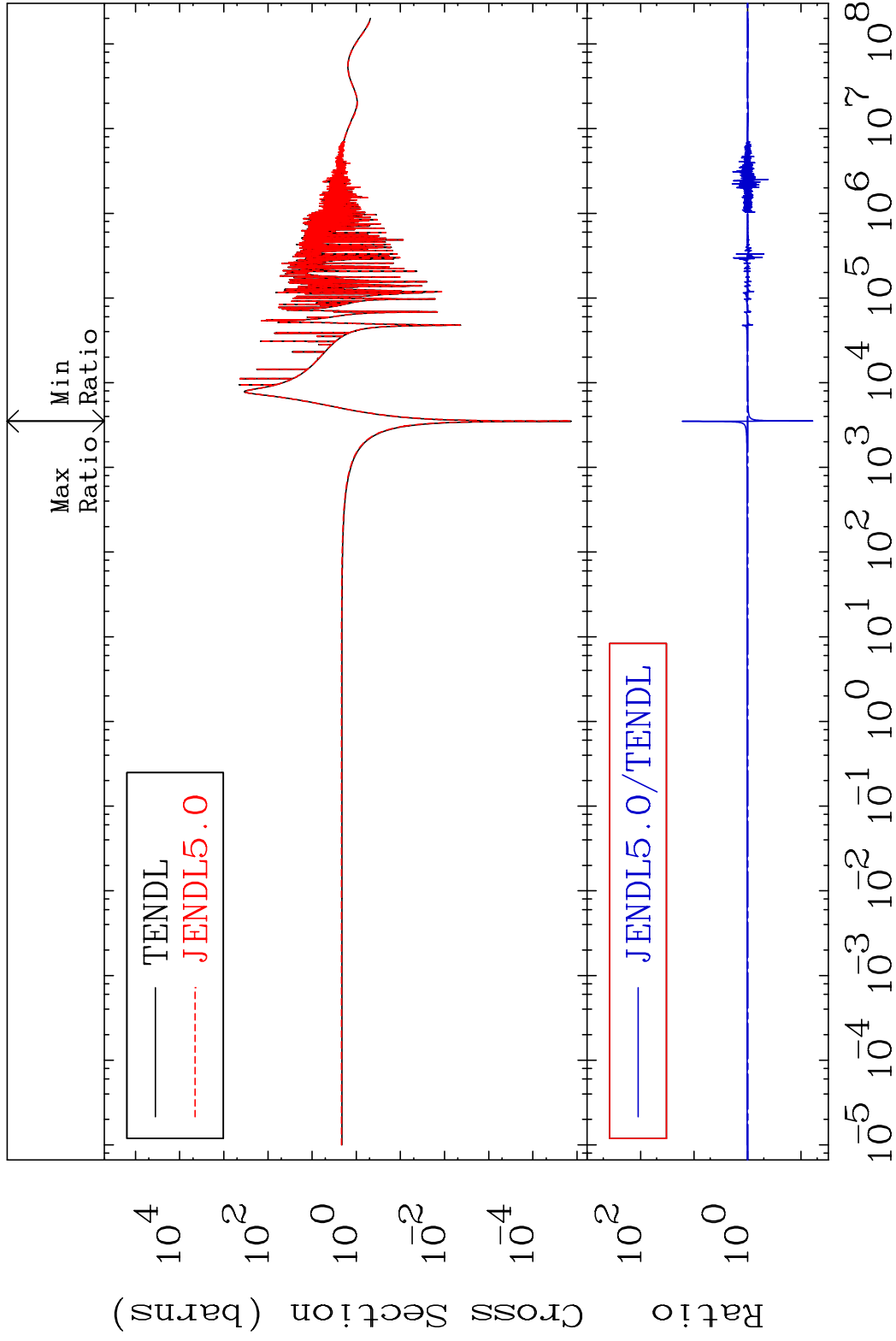
²⁶Fe-54

MAT 2625

Elastic

²⁶Fe-54

Cross Section -93.90 To 1559. %



2

Incident Energy (eV)

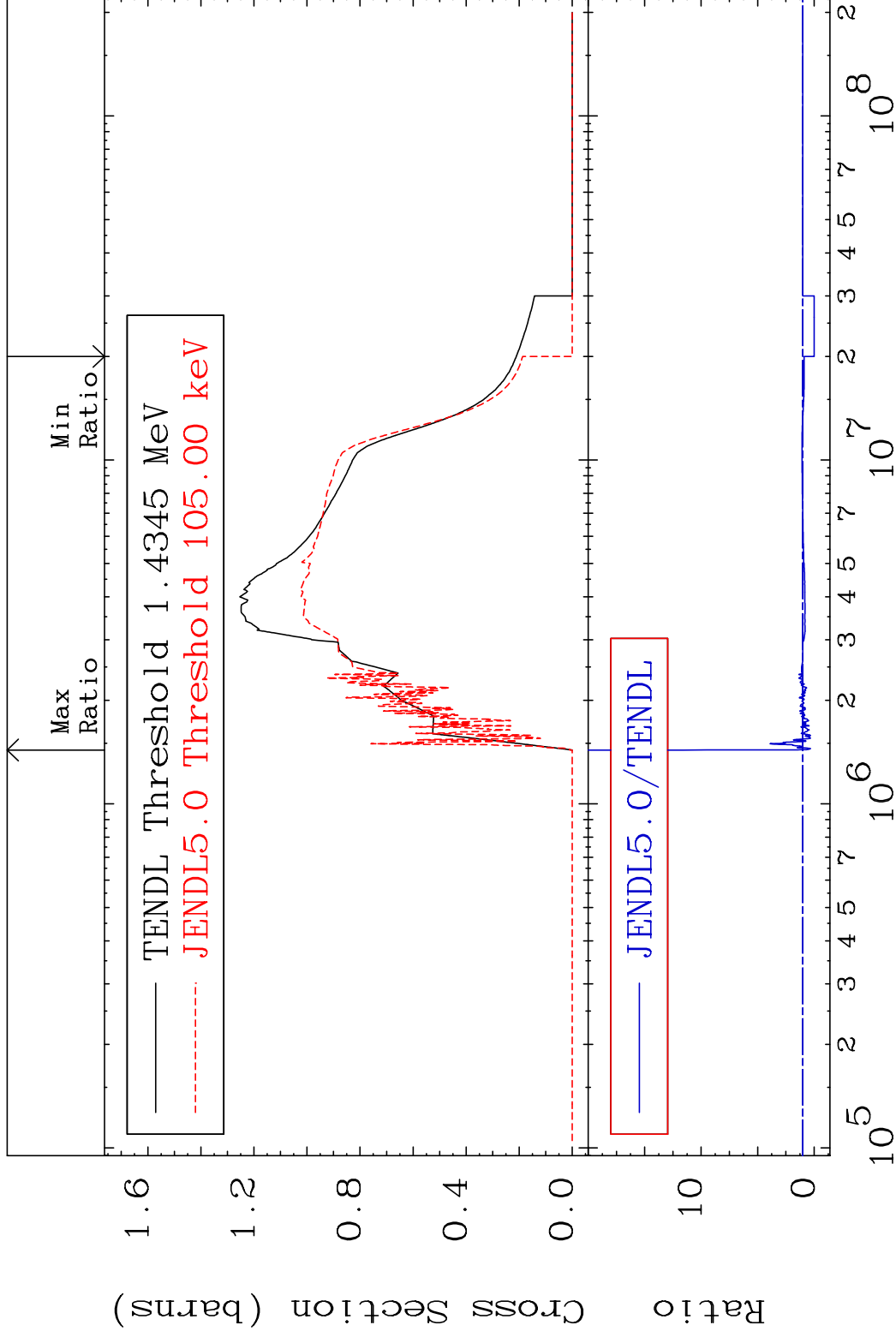
²⁶Fe-54

MAT 2625

Inelastic

²⁶Fe-54

Cross Section -100.0 To 1055. %

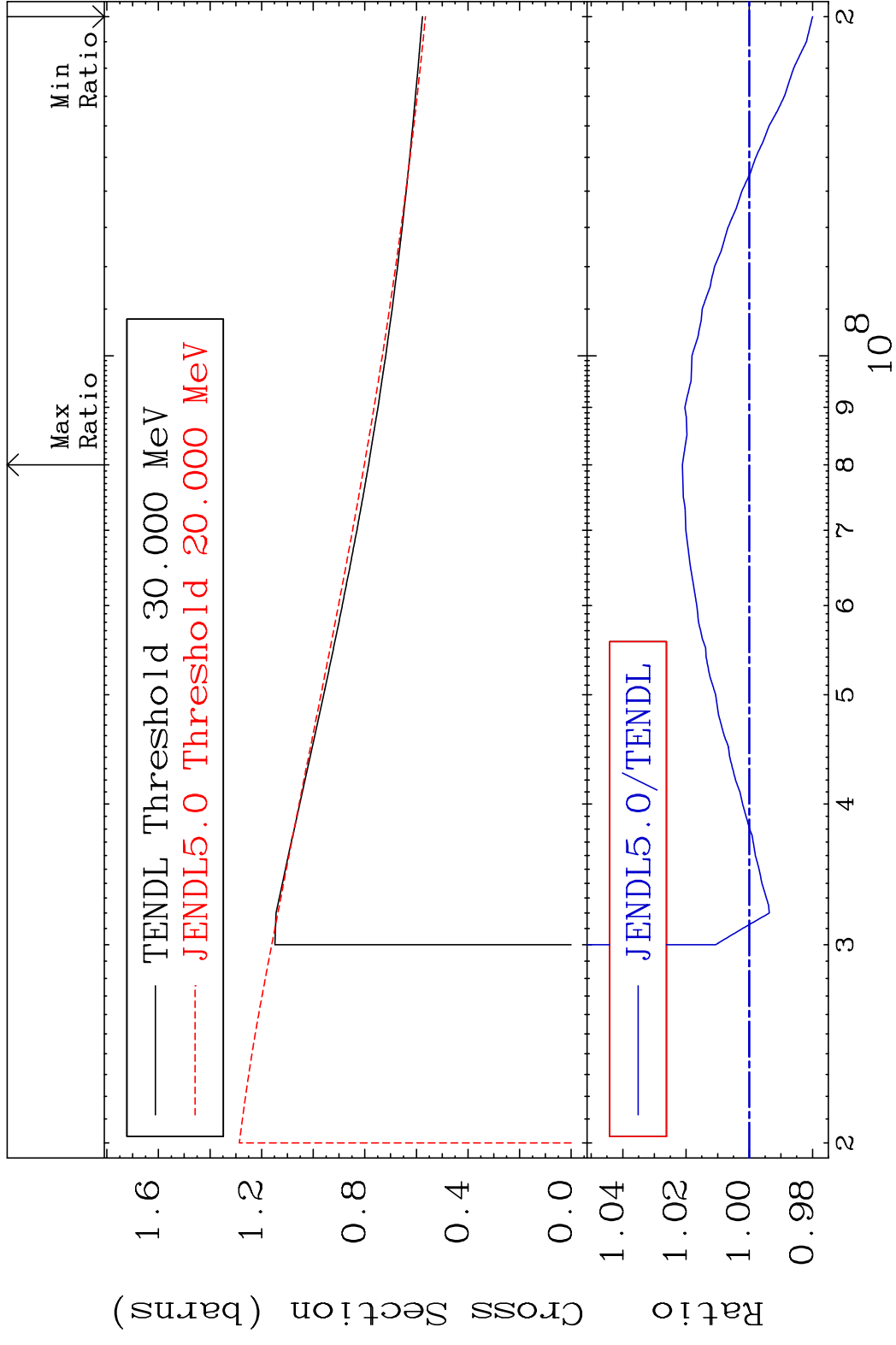


3

Incident Energy (eV)

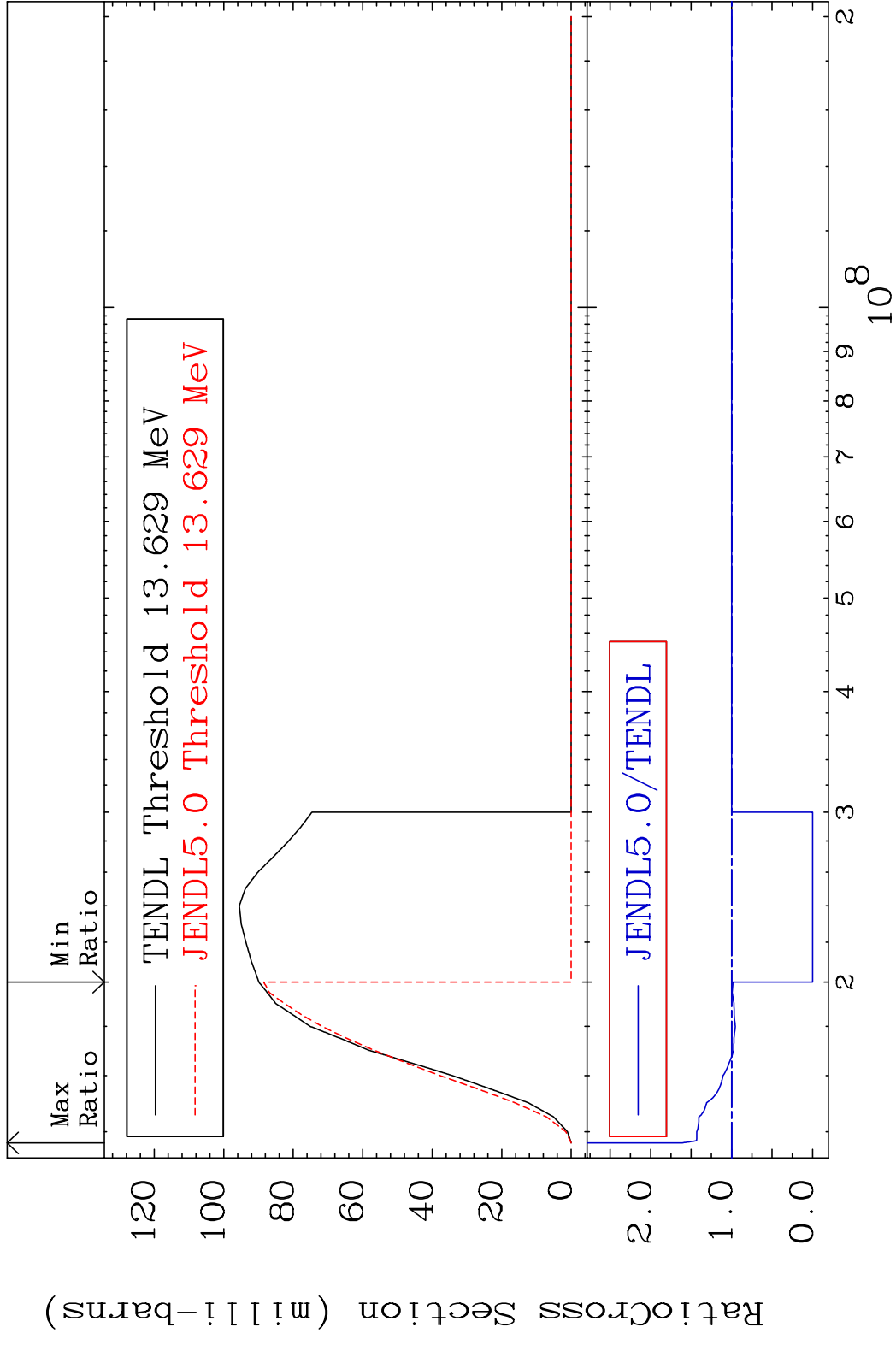
²⁶Fe-54

MAT 2625 (n, remainder) 26-Fe-54
 Cross Section -2.002 To 2.115 %

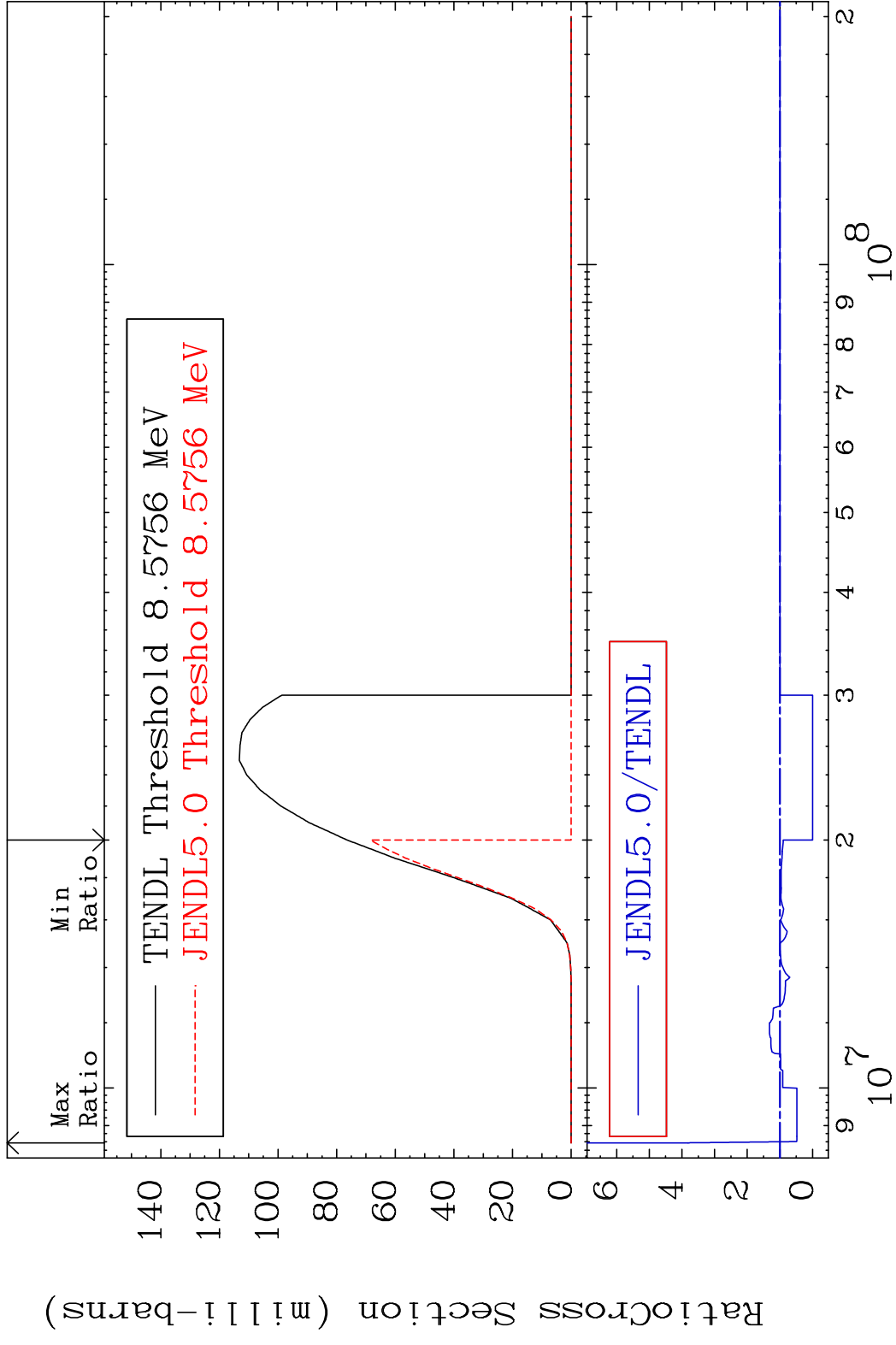


4 Incident Energy (eV) 26-Fe-54

MAT 2625 (n,2n) 26-Fe-54
 Cross Section -100.0 To 60.84 %

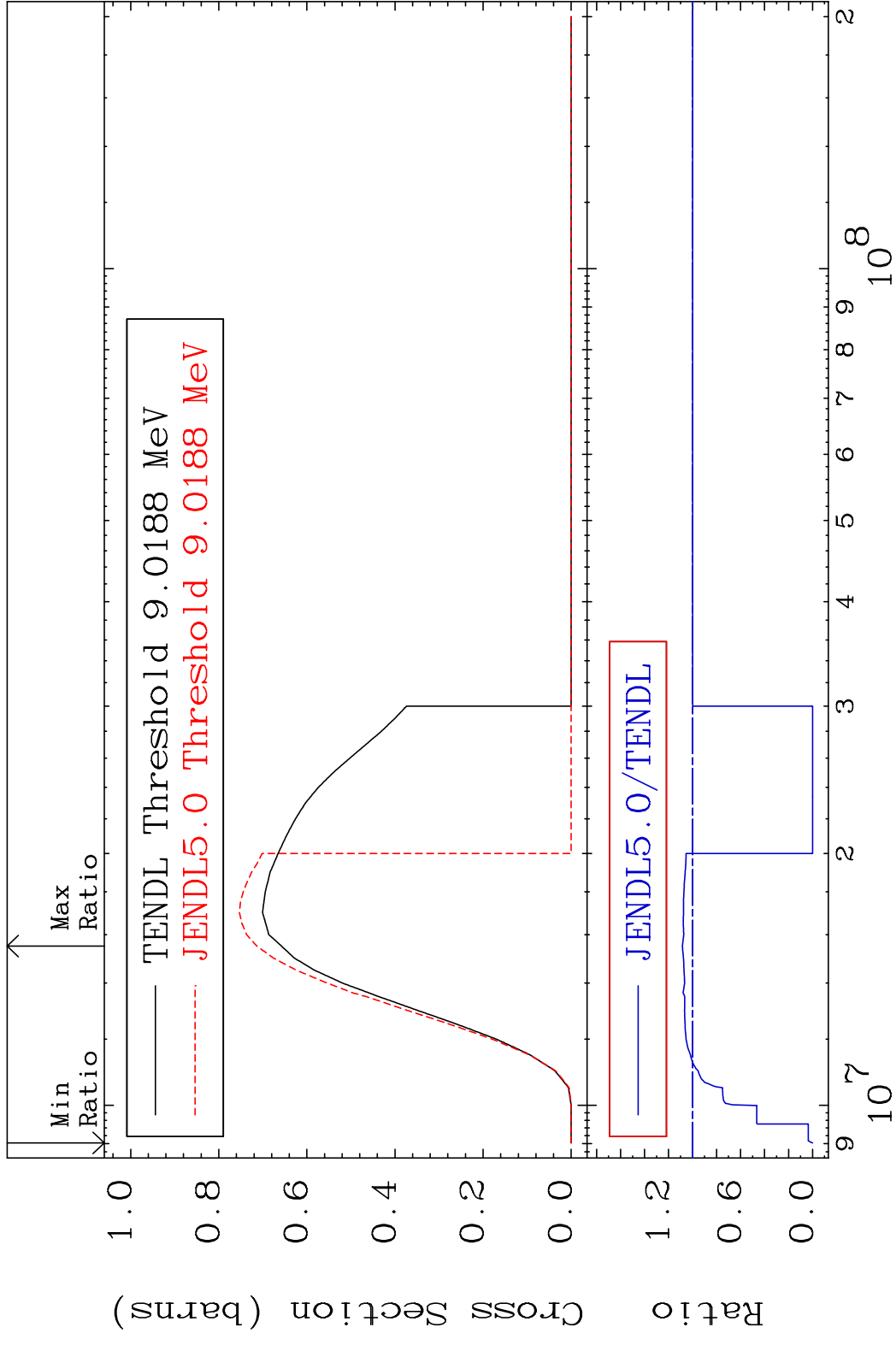


MAT 2625 (n, n') α 26-Fe-54
 Cross Section -100.0 To 298.7 %

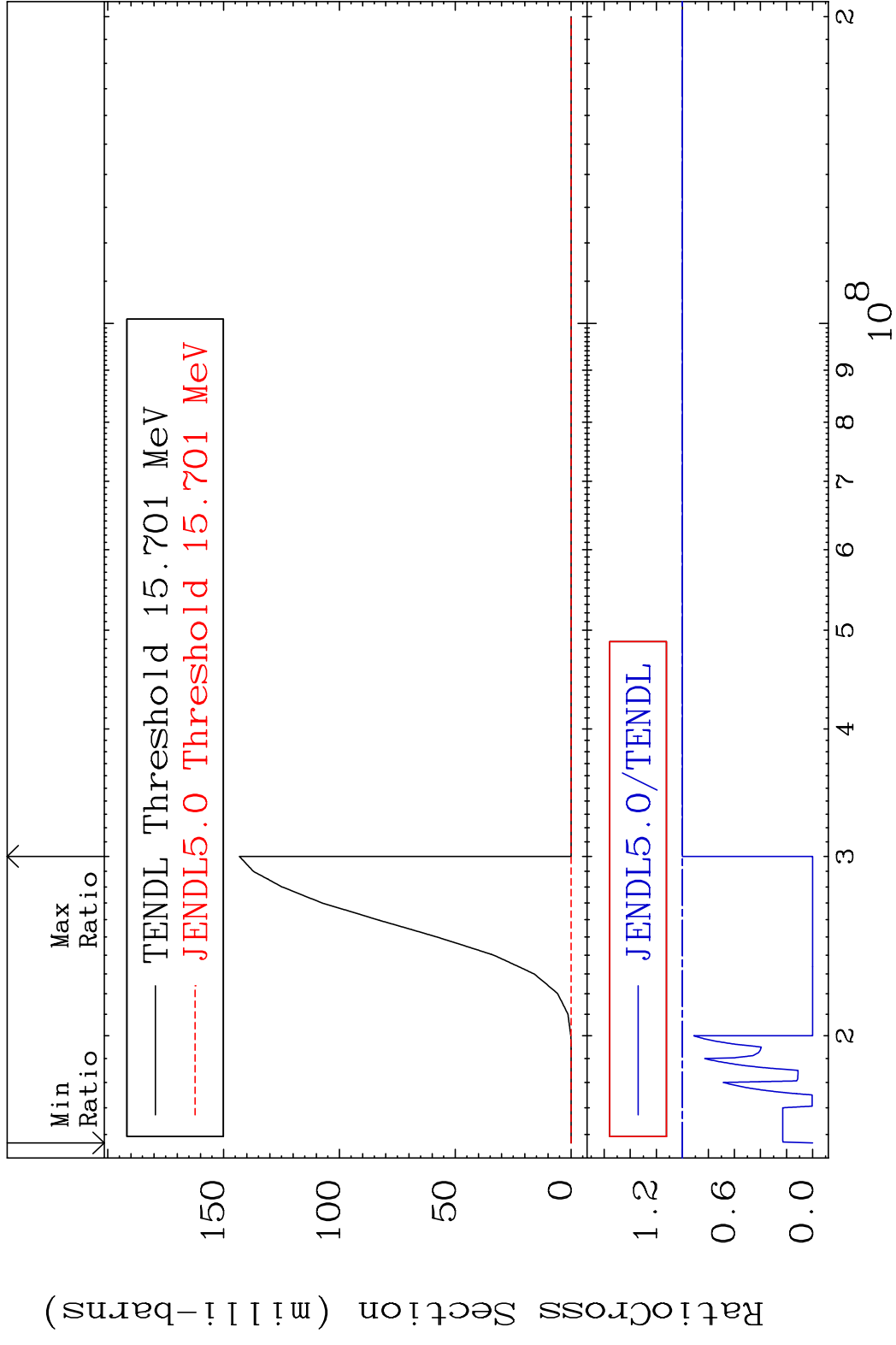


6 Incident Energy (eV) 26-Fe-54

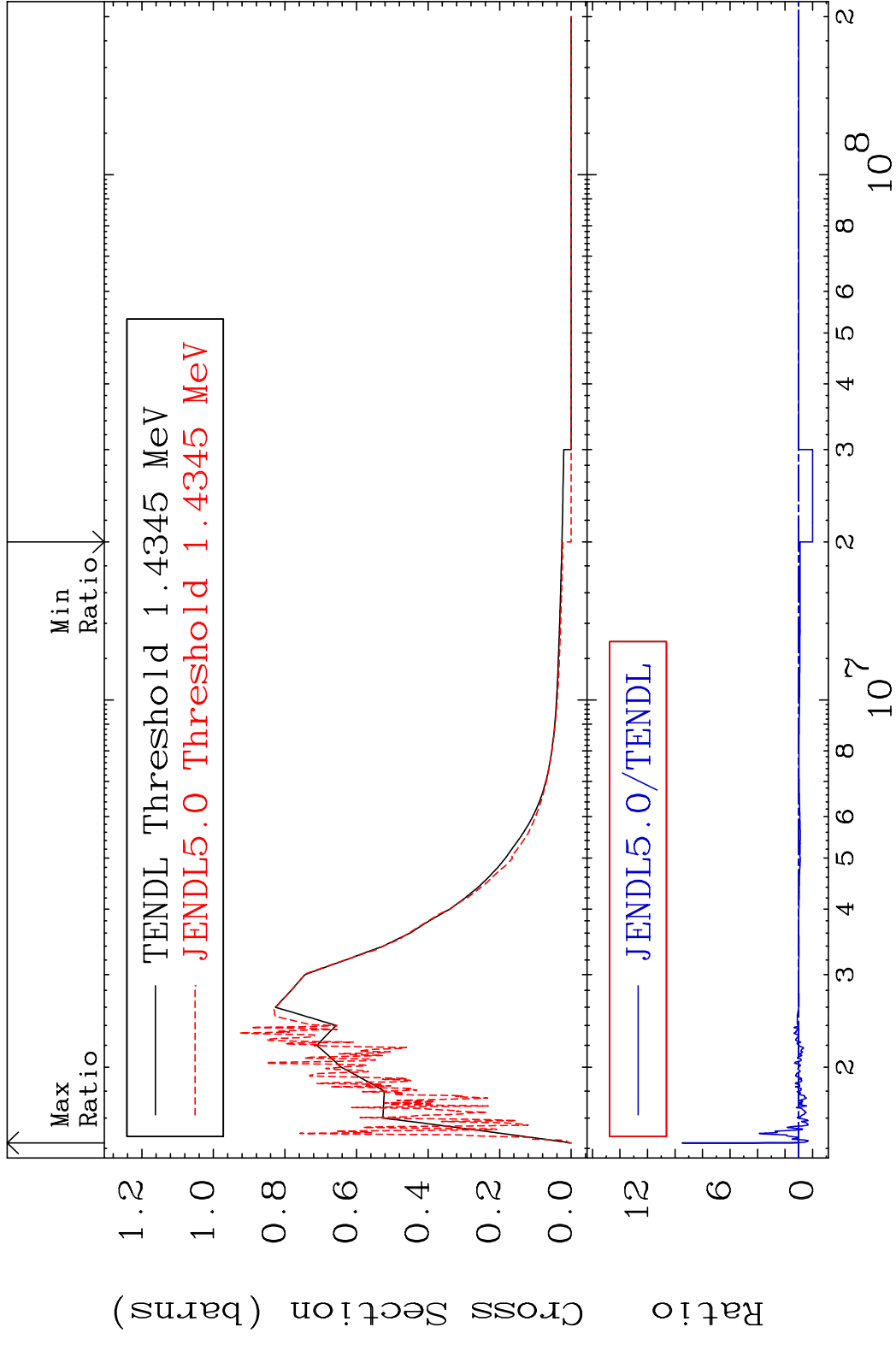
MAT 2625 (n, n') p 26-Fe-54
 Cross Section -100.0 To 8.510 %



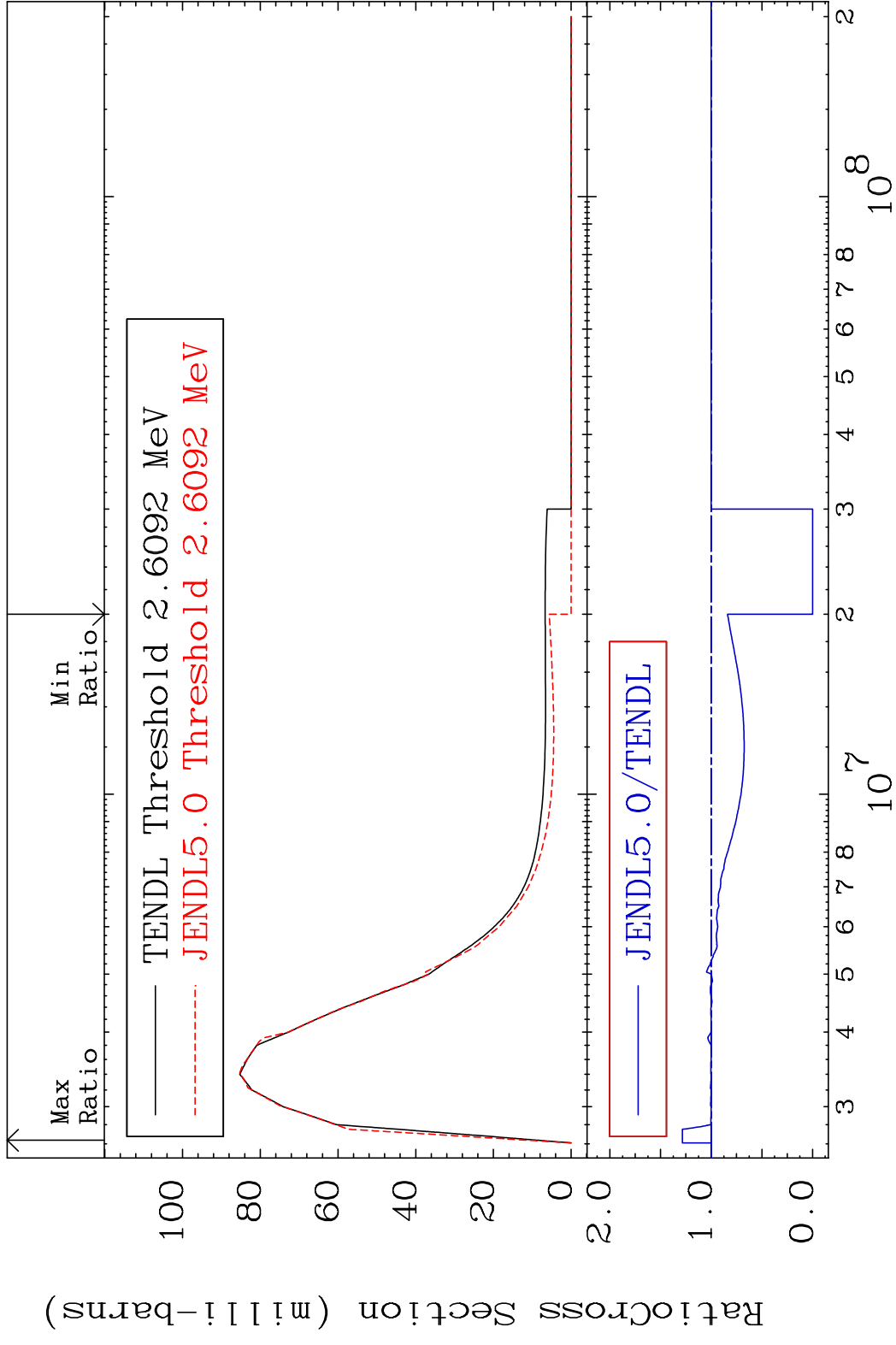
MAT 2625 (n,2n) p 26-Fe-54
 Cross Section -100.0 To 0.000 %



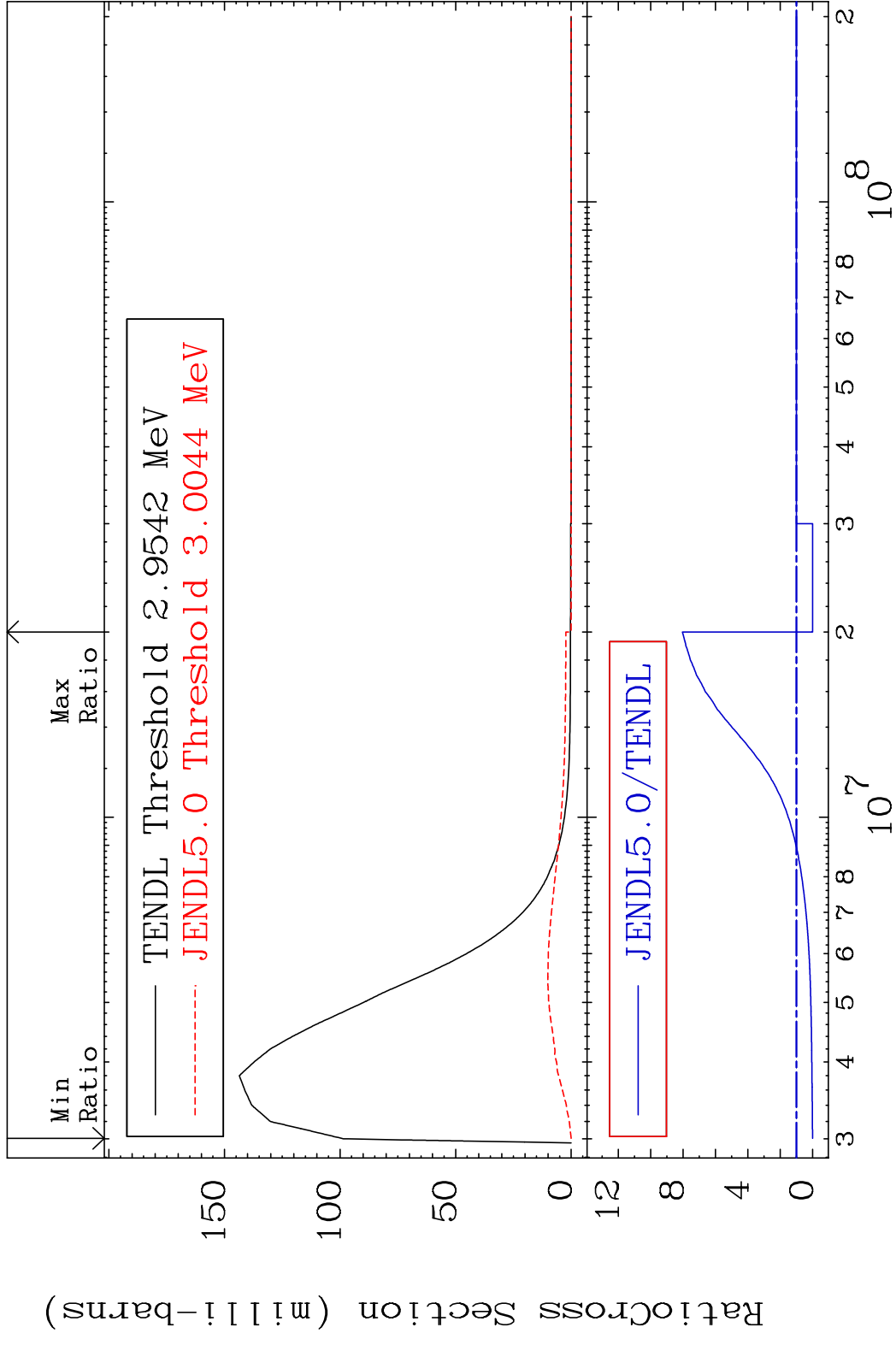
MAT 2625 MT= 51 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 846.7 %



MAT 2625 MT= 53 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 28.48 %

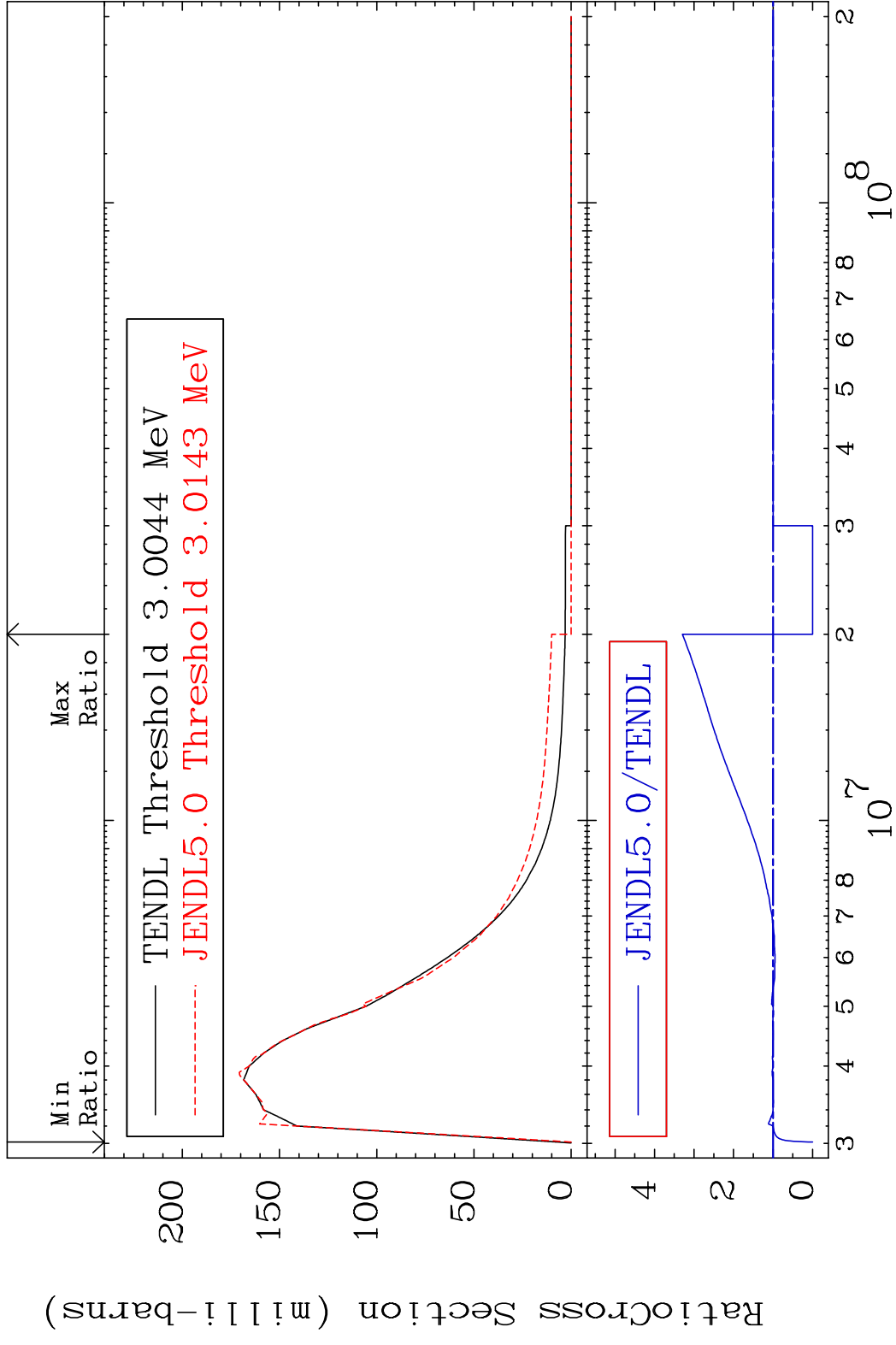


MAT 2625 MT= 54 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 703.9 %

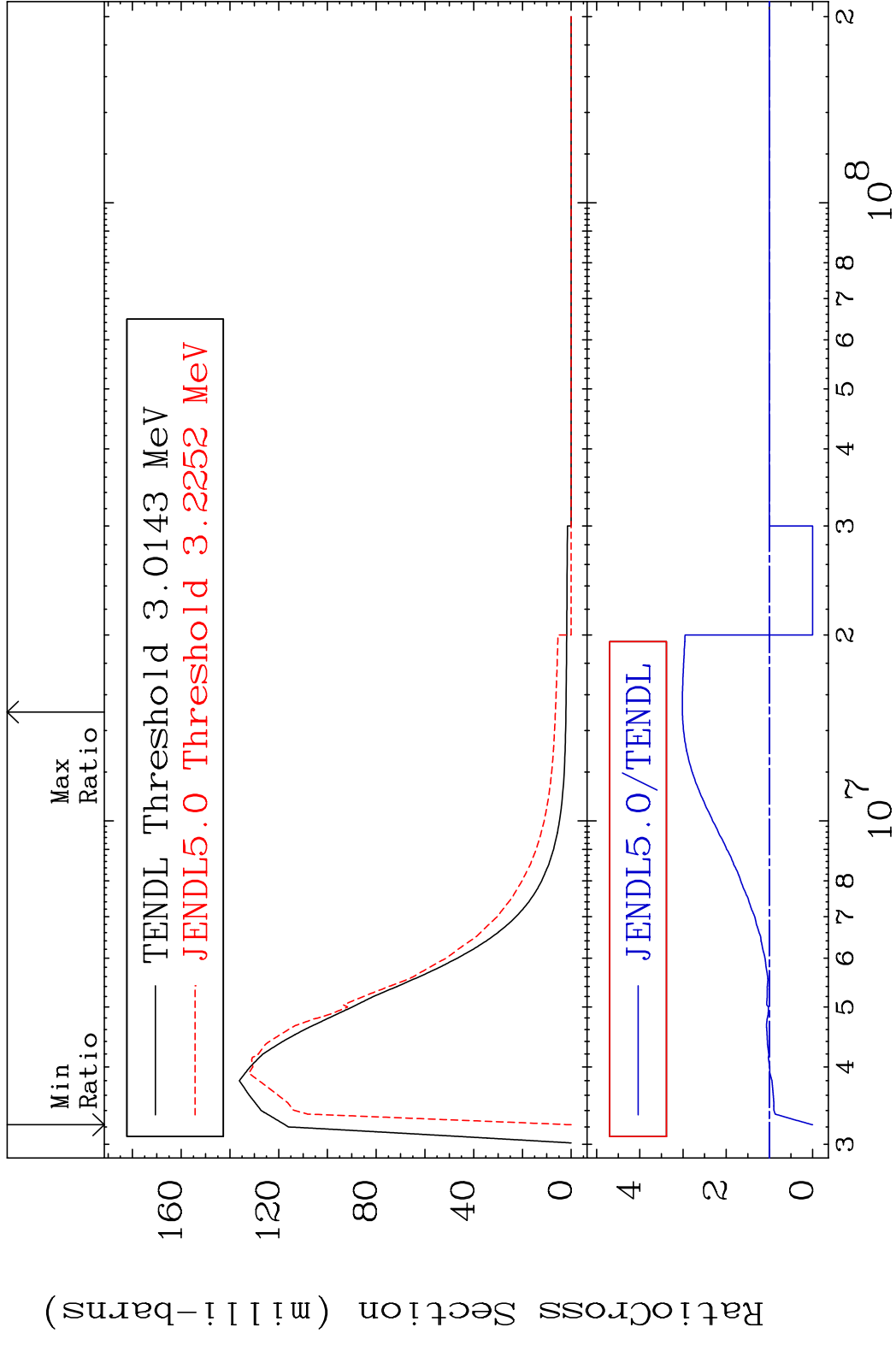


12 Incident Energy (eV) 26-Fe-54

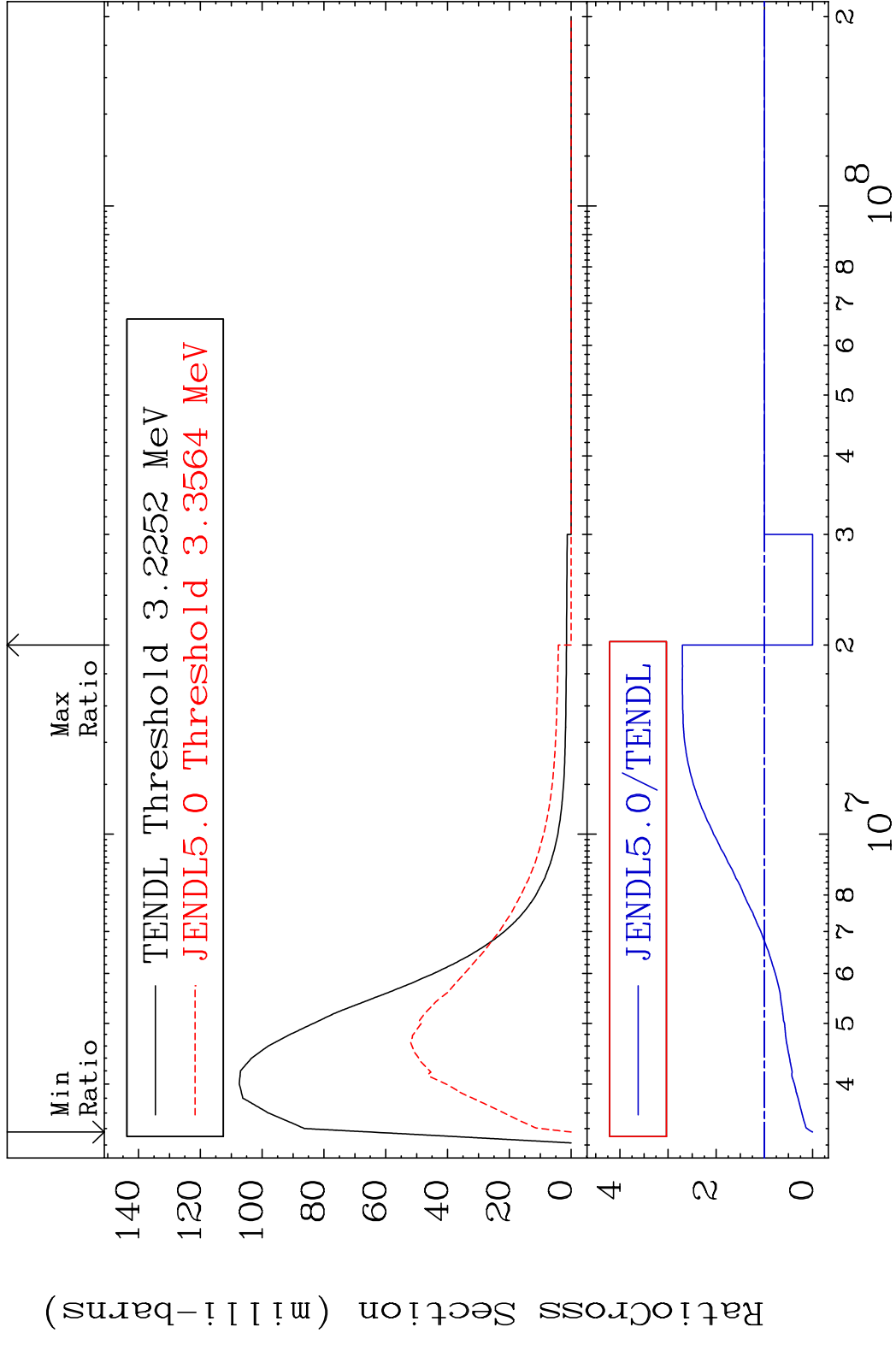
MAT 2625 MT= 55 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 229.6 %



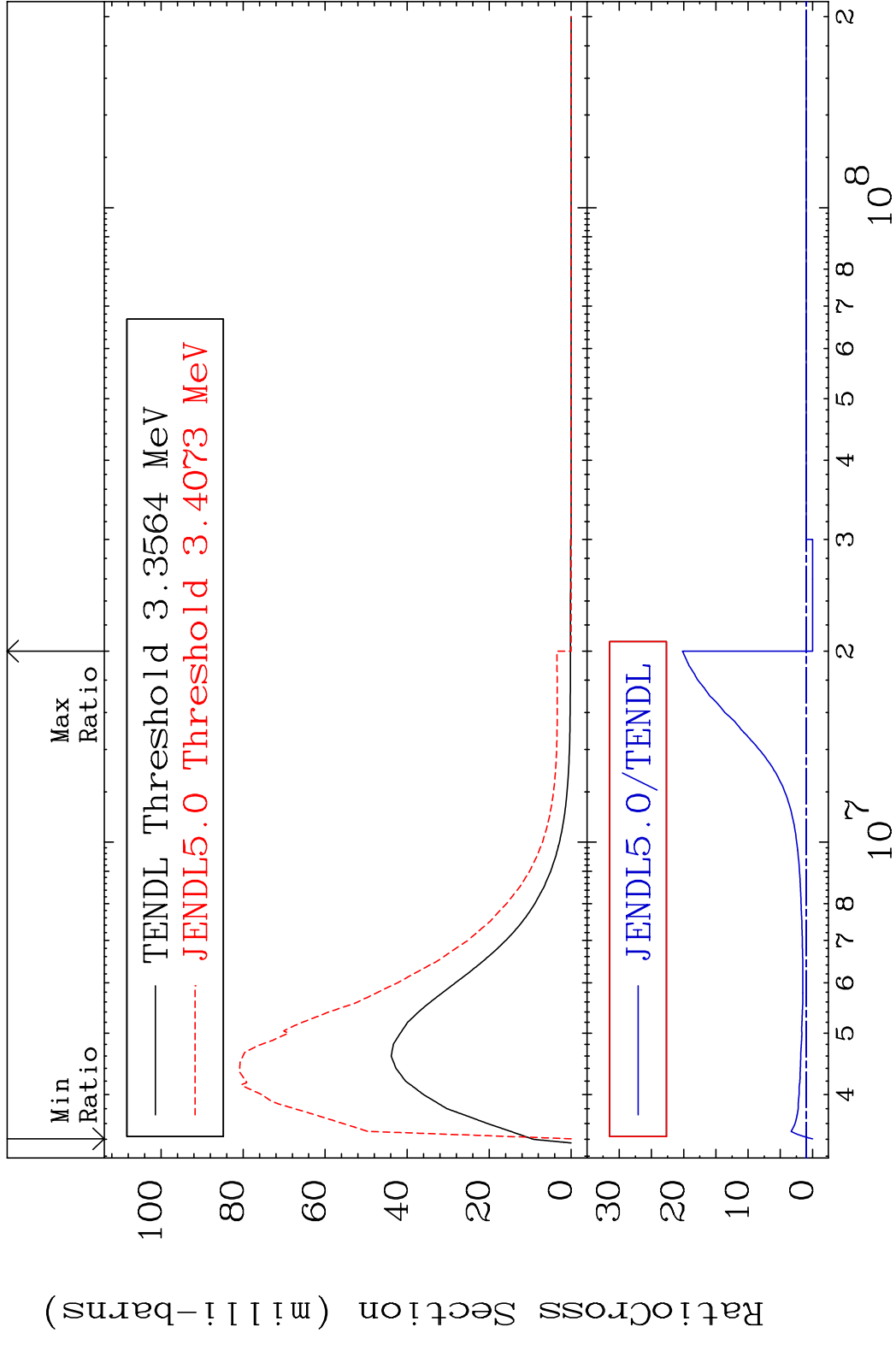
MAT 2625 MT= 56 (n,n') Level 26-Fe-54
 Cross Section -100.0 To 201.6 %



MAT 2625 MT= 57 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 170.4 %

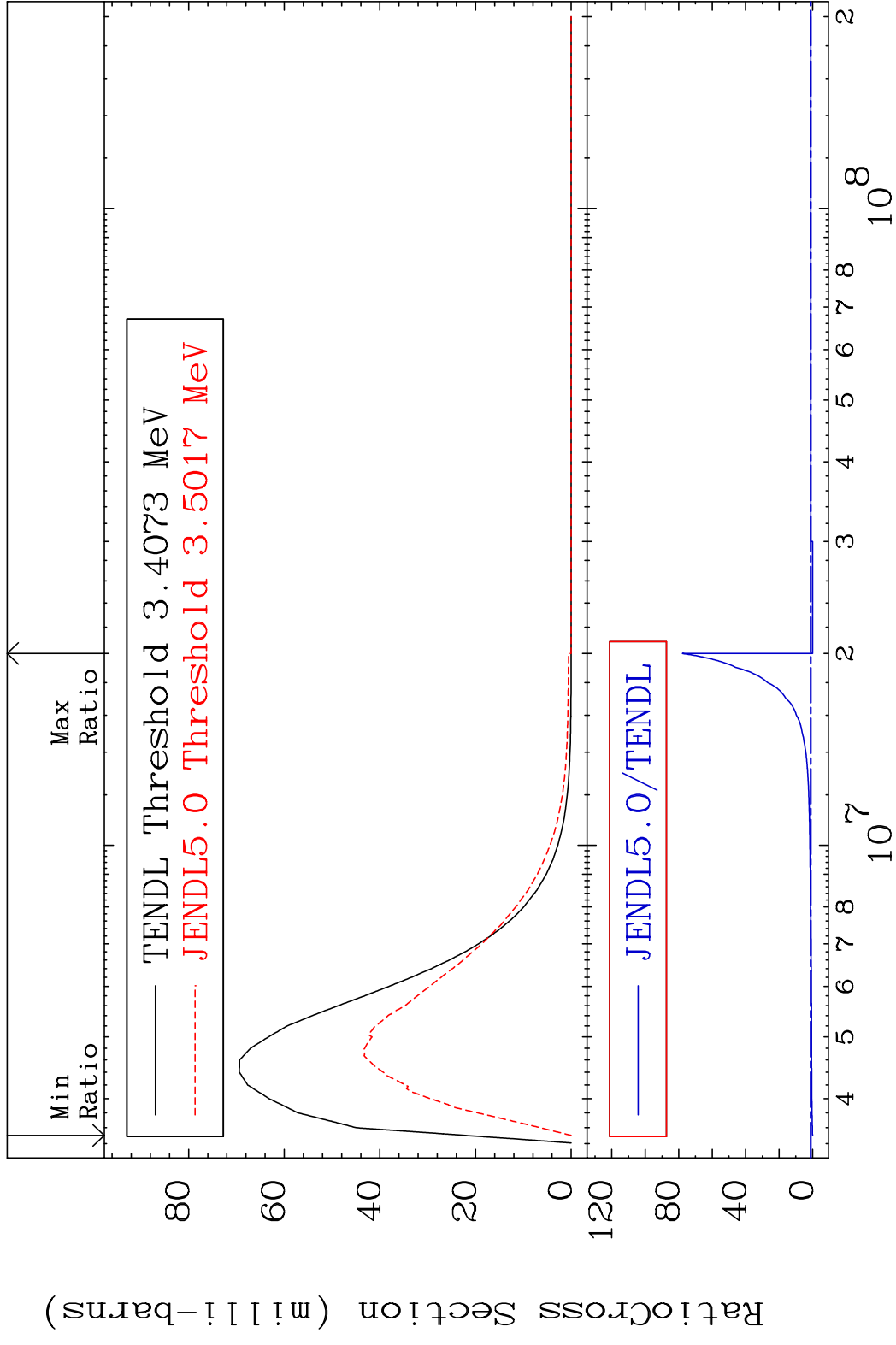


MAT 2625 MT= 58 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 1921. %

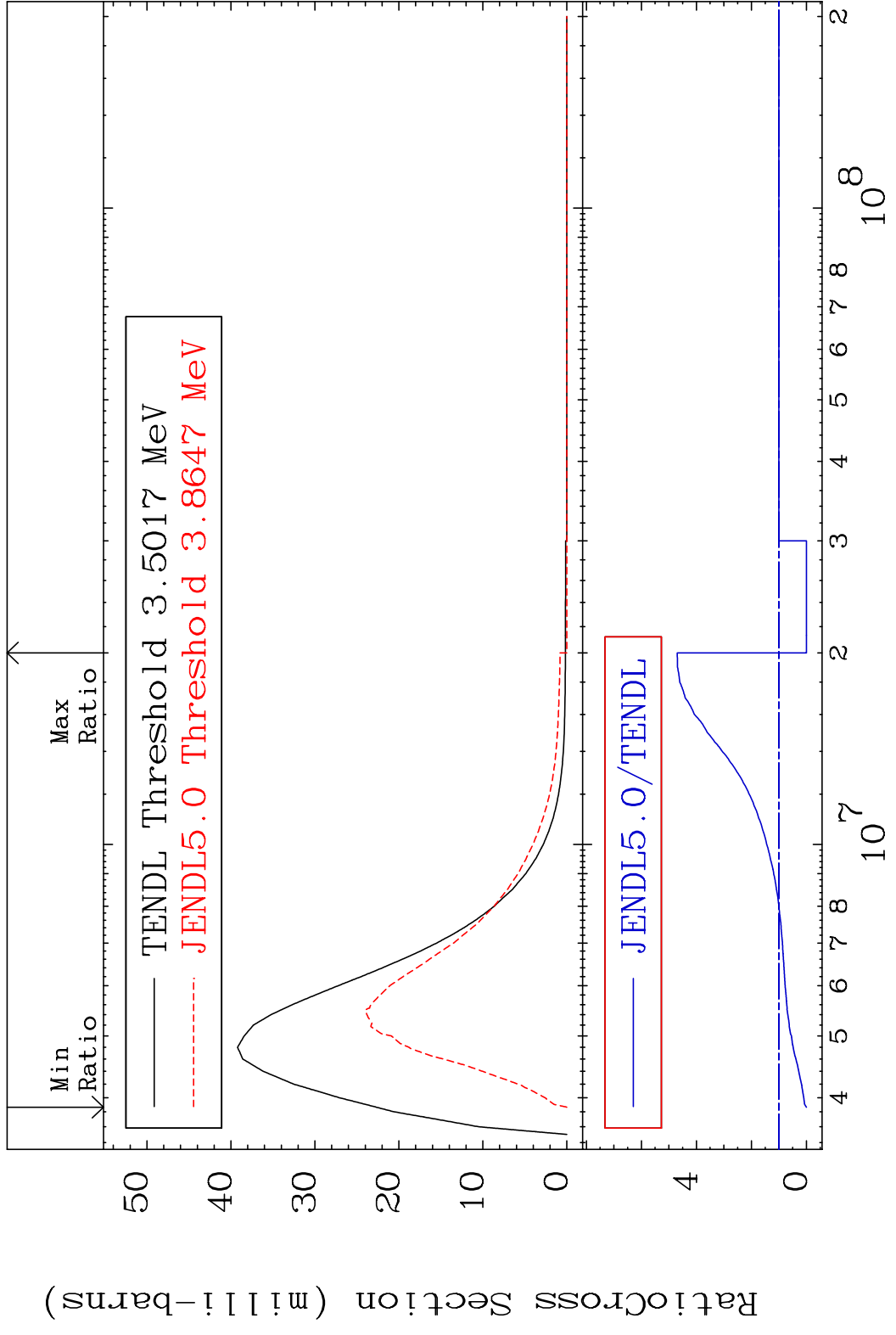


16 Incident Energy (eV) 26-Fe-54

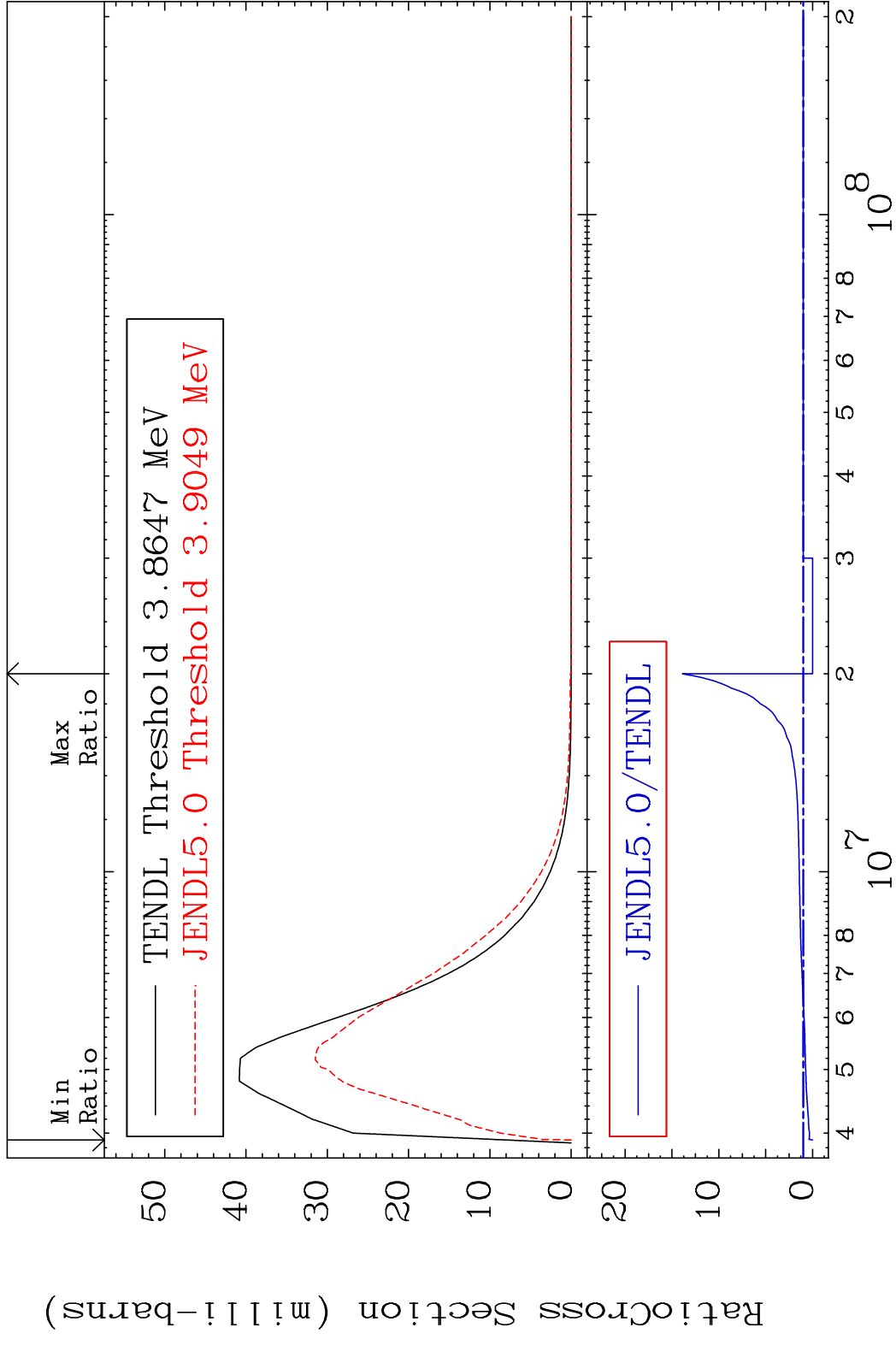
MAT 2625 MT= 59 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 7683. %



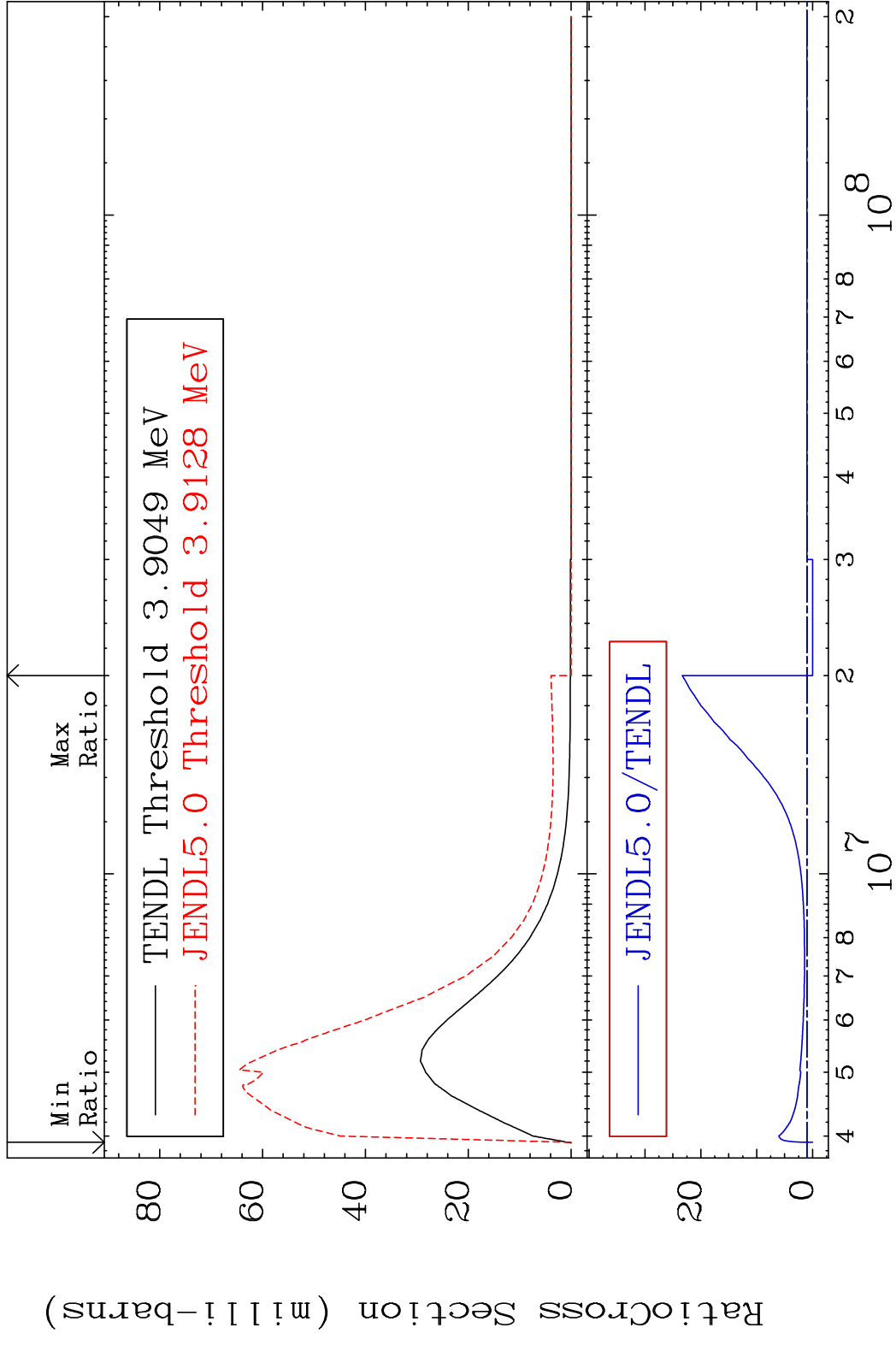
MAT 2625 MT= 60 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 369.9 %



MAT 2625 MT= 61 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 1289. %

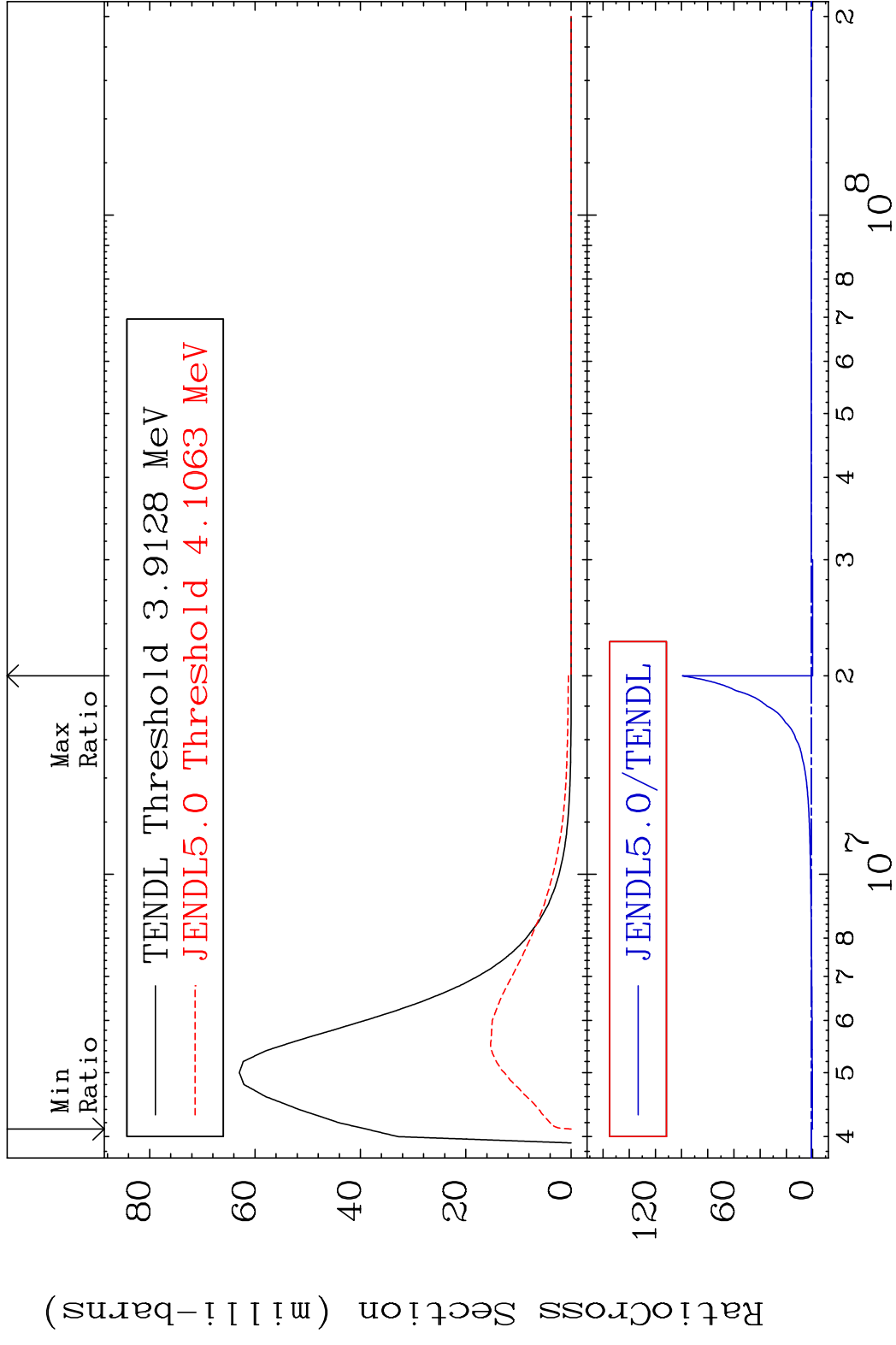


MAT 2625 MT= 62 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 2231. %

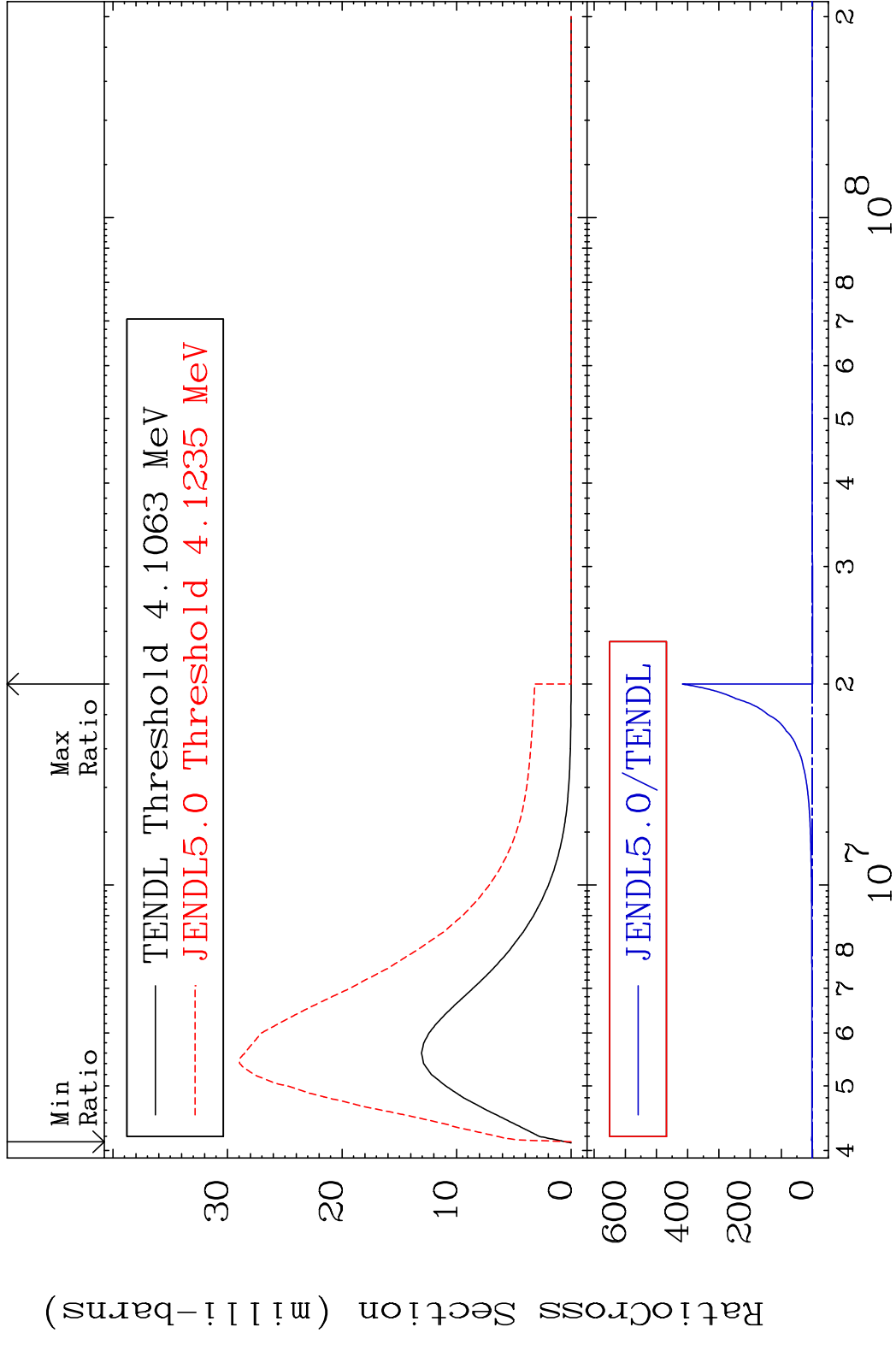


20 Incident Energy (eV) 26-Fe-54

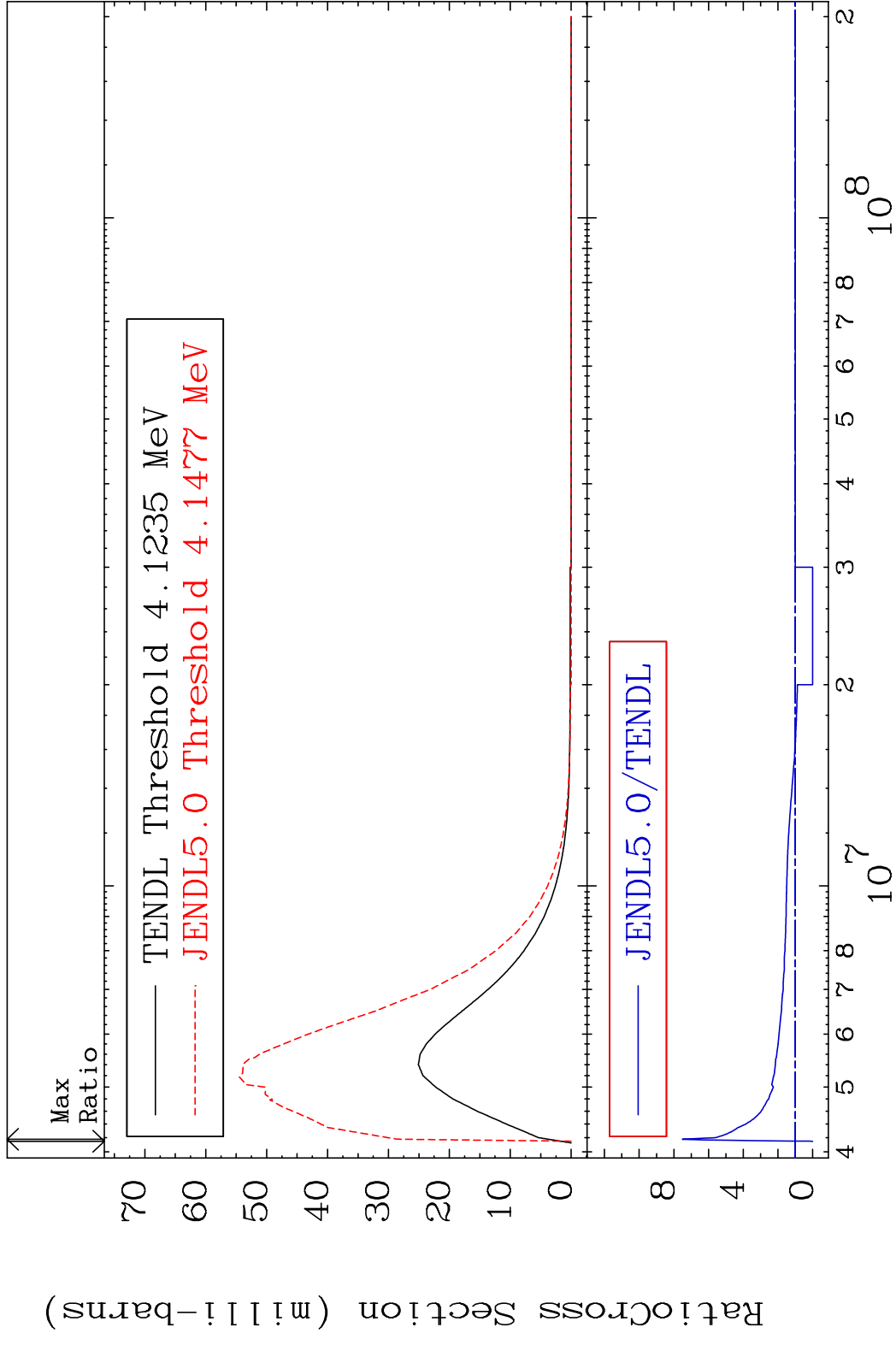
MAT 2625 MT= 63 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 9841. %



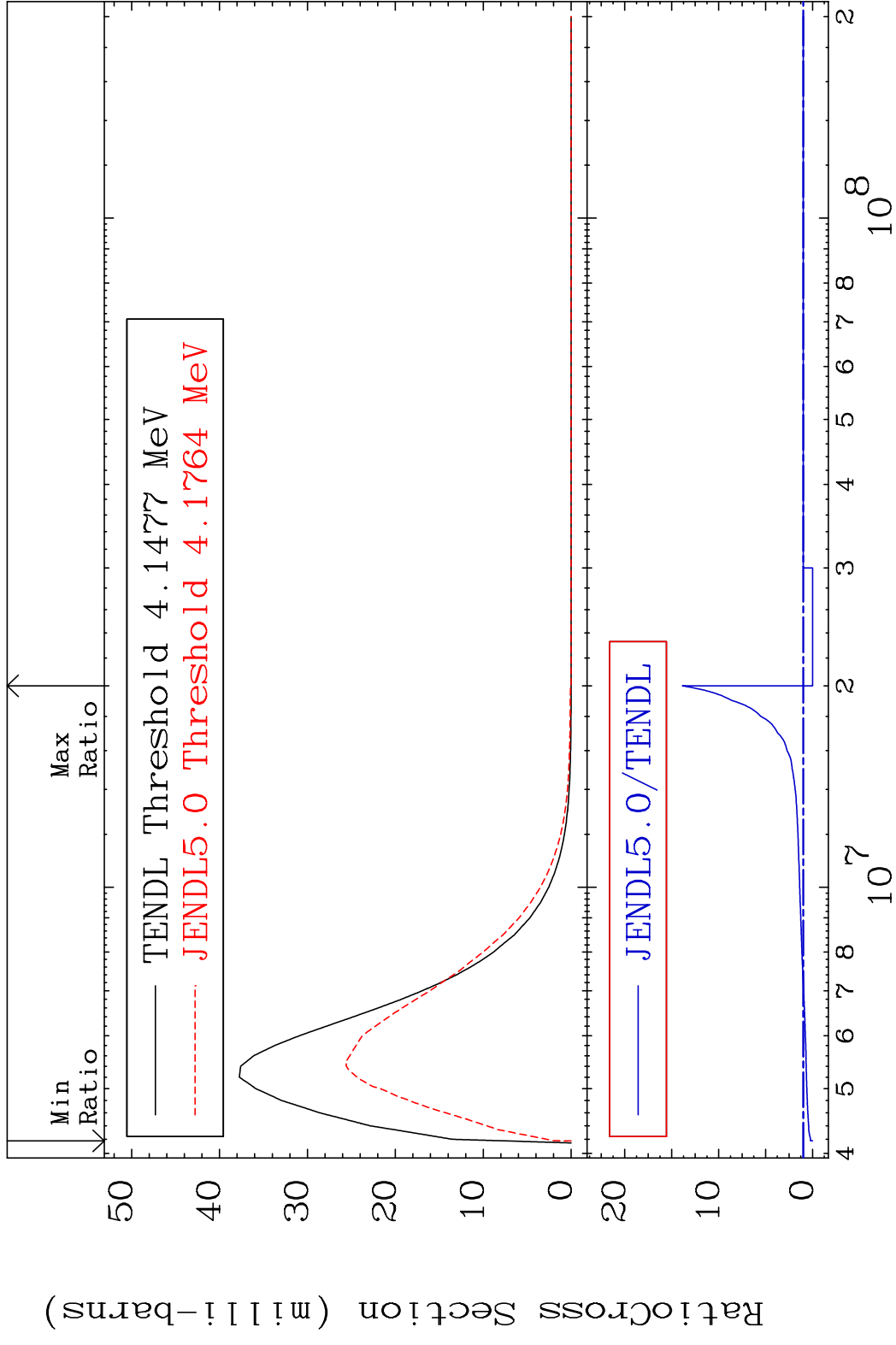
MAT 2625 MT= 64 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 9999. %



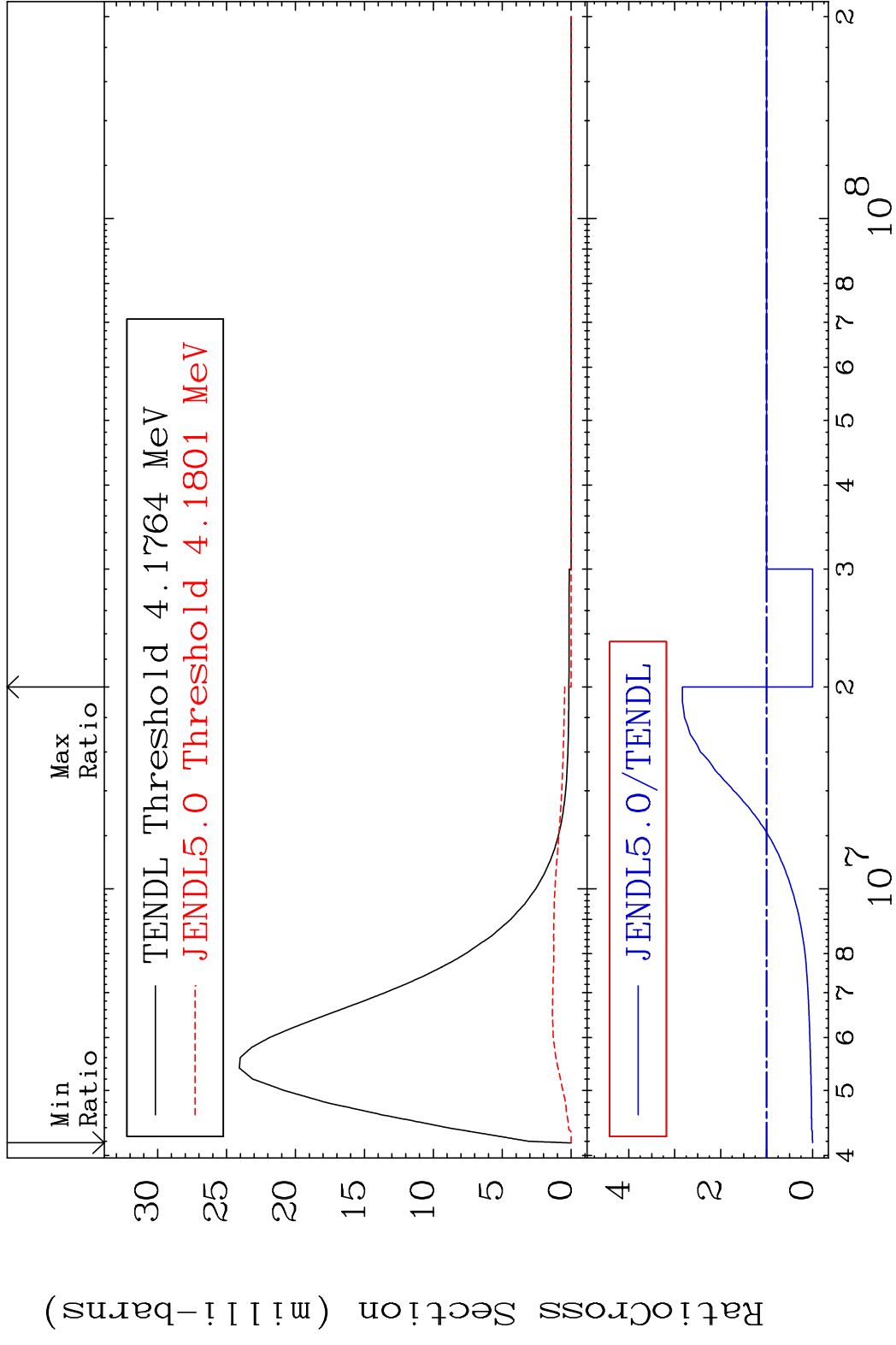
MAT 2625 MT= 65 (n,n') Level 26-Fe-54
 Cross Section -100.0 To 650.9 %



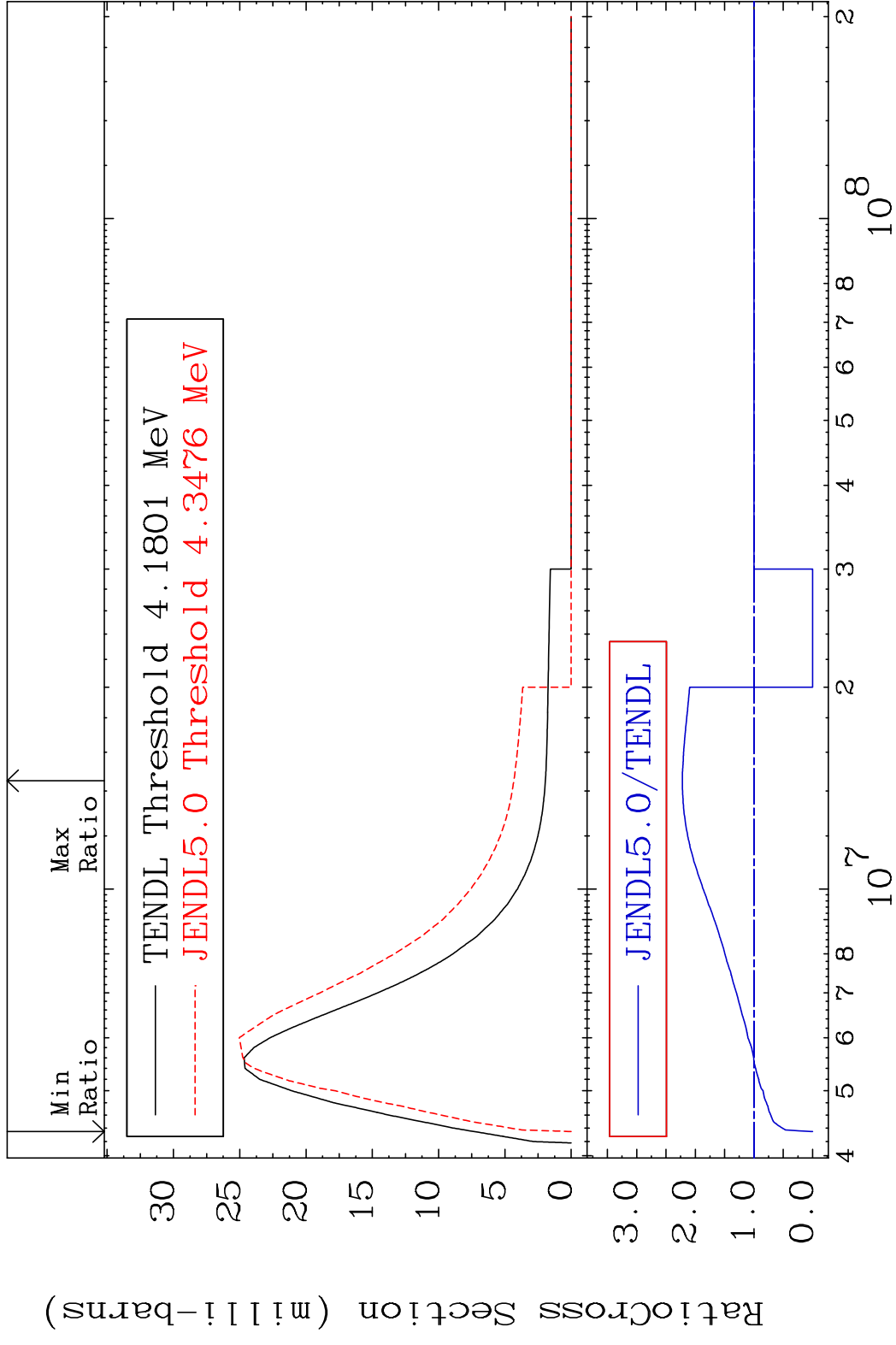
MAT 2625 MT= 66 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 1287. %



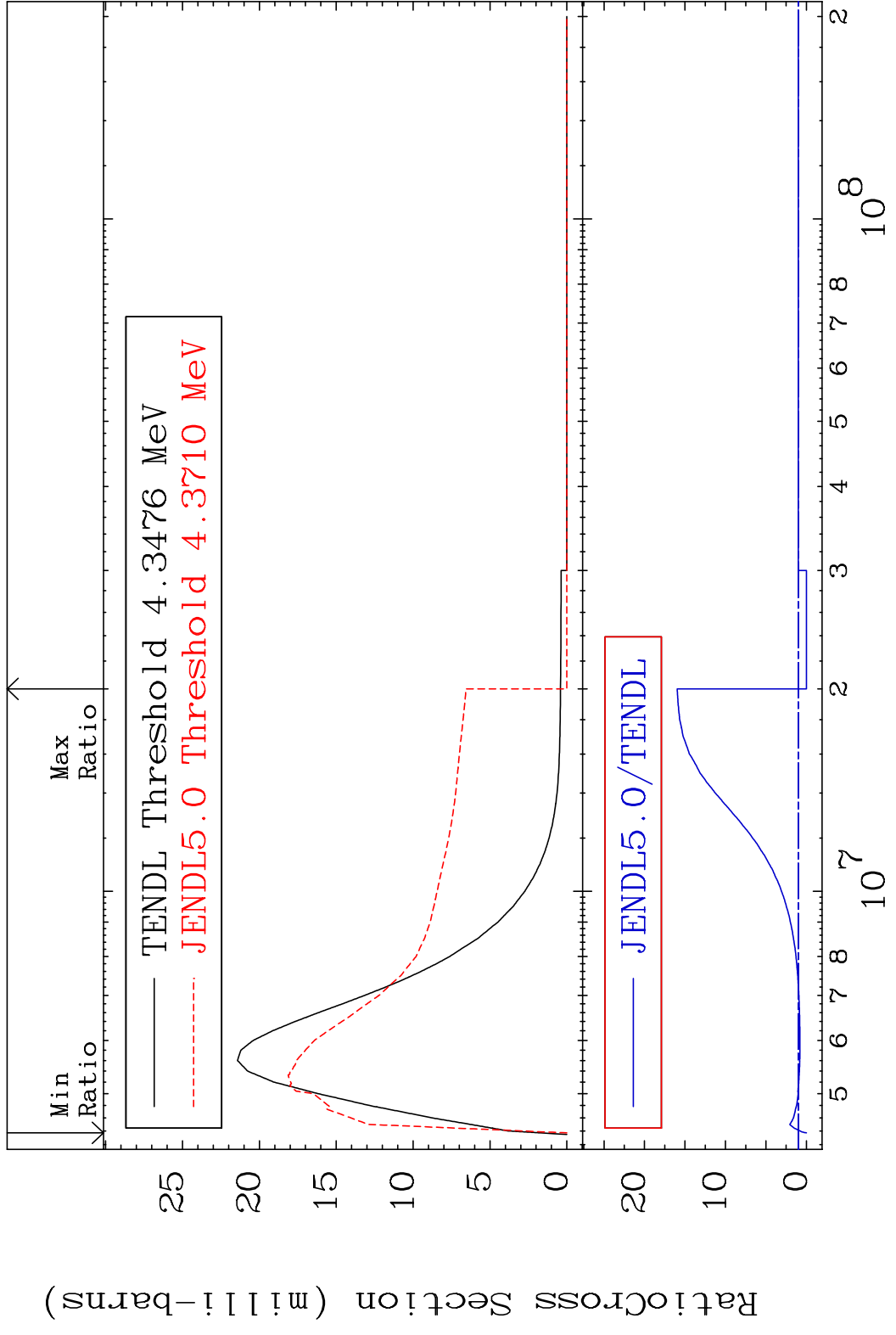
MAT 2625 MT= 67 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 183.4 %



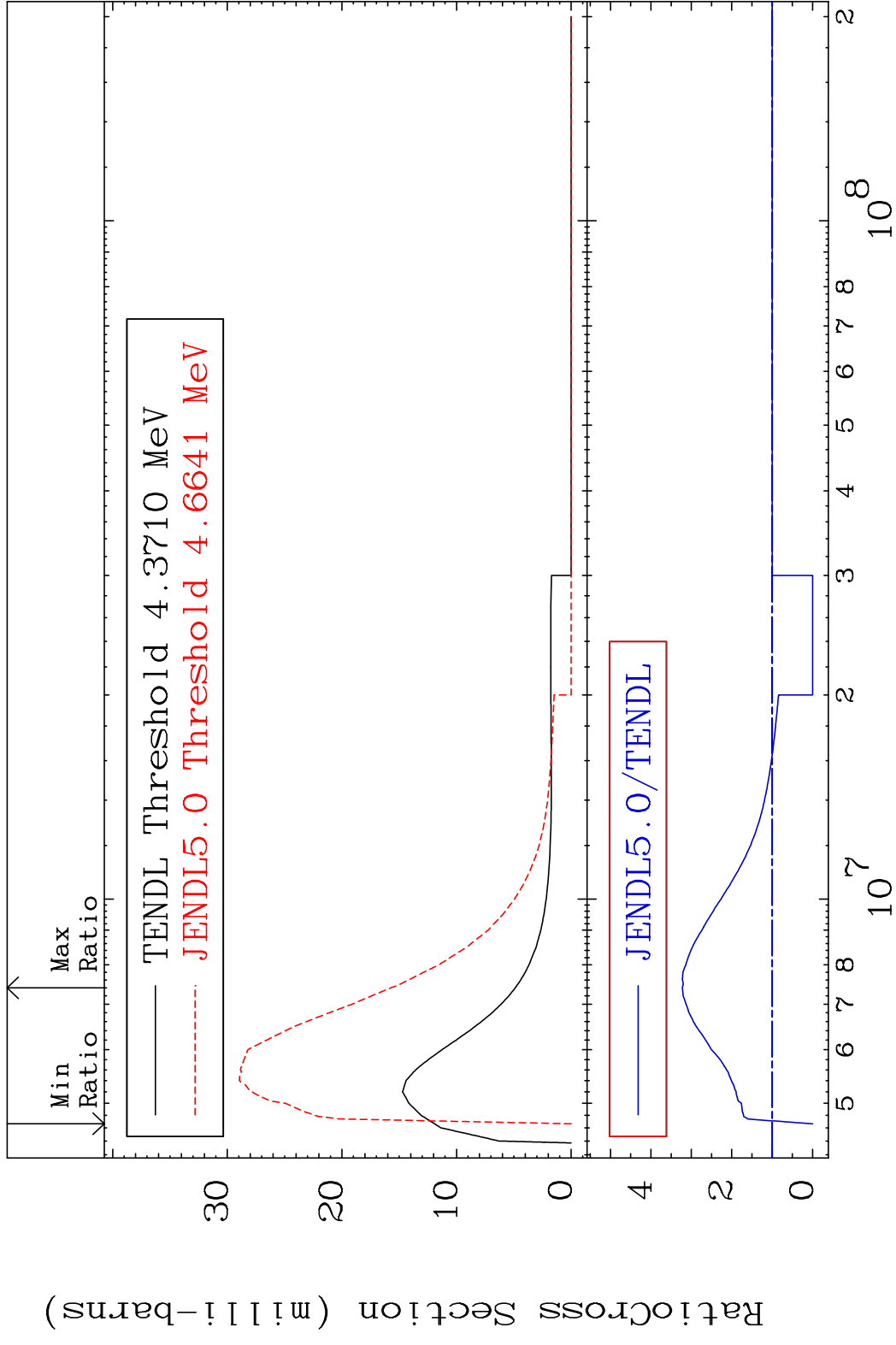
MAT 2625 MT= 68 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 122.1 %



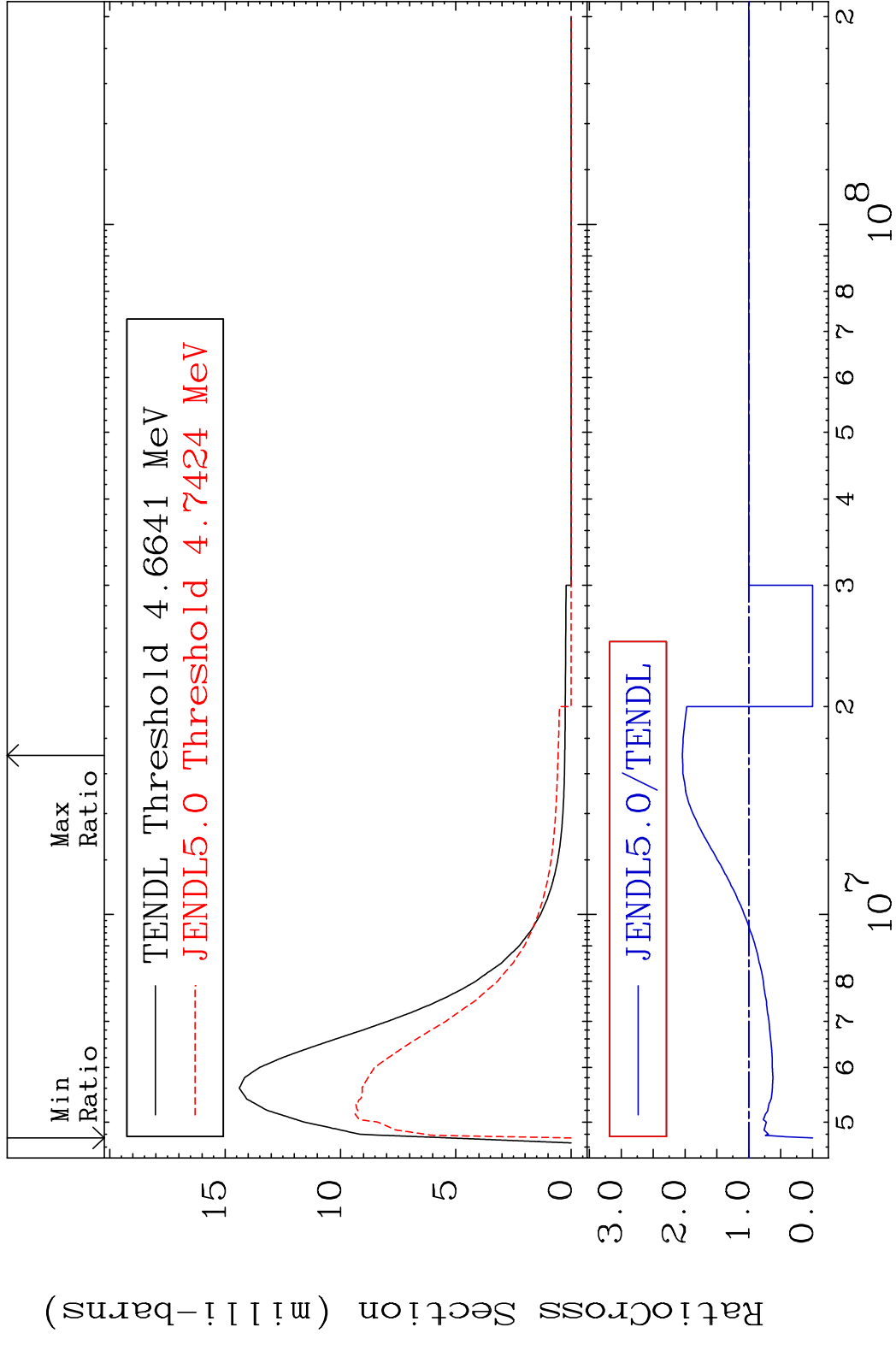
MAT 2625 MT= 69 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 1496. %



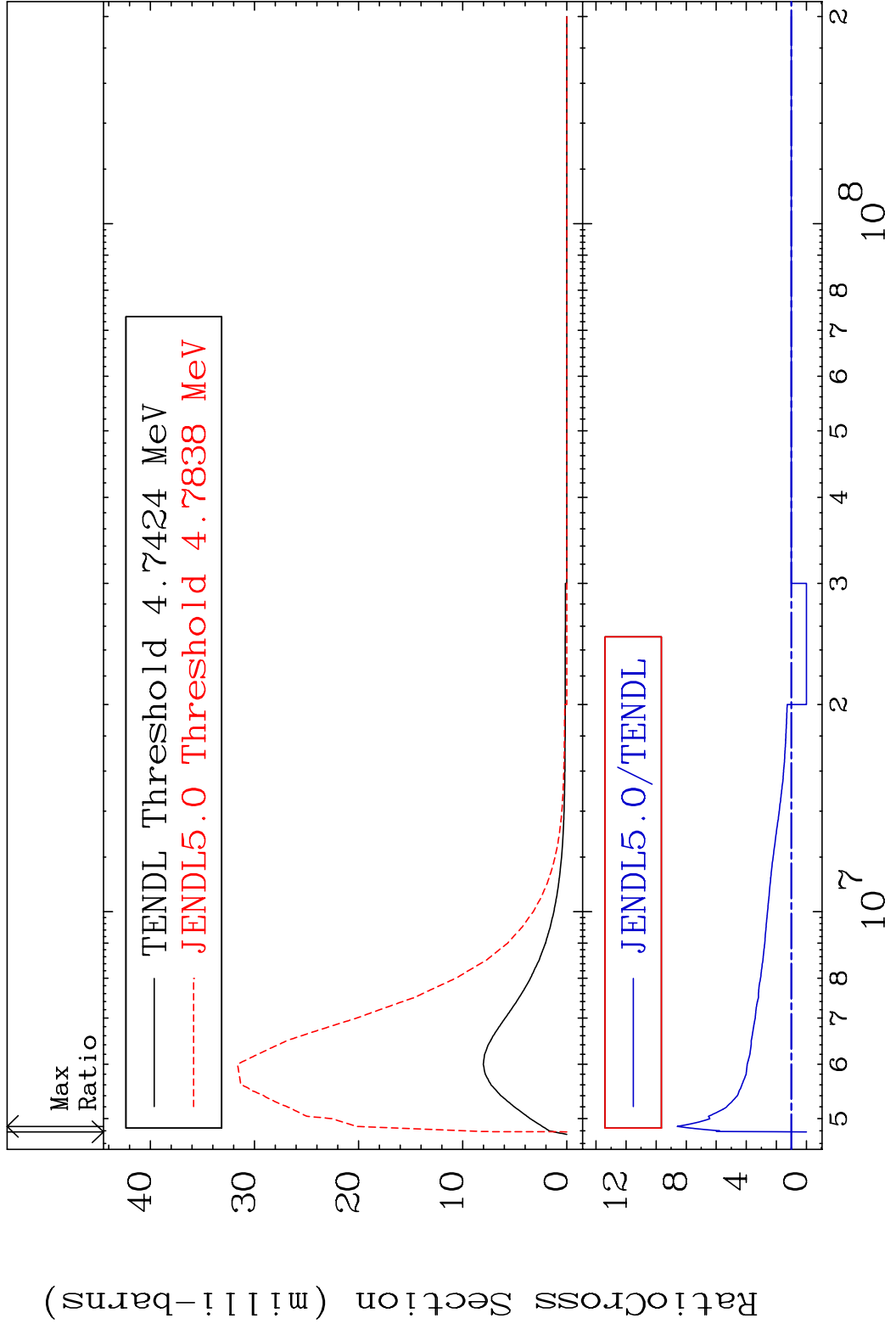
MAT 2625 MT= 70 (n,n') Level 26-Fe-54
 Cross Section -100.0 To 222.2 %



MAT 2625 MT= 71 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 104.2 %

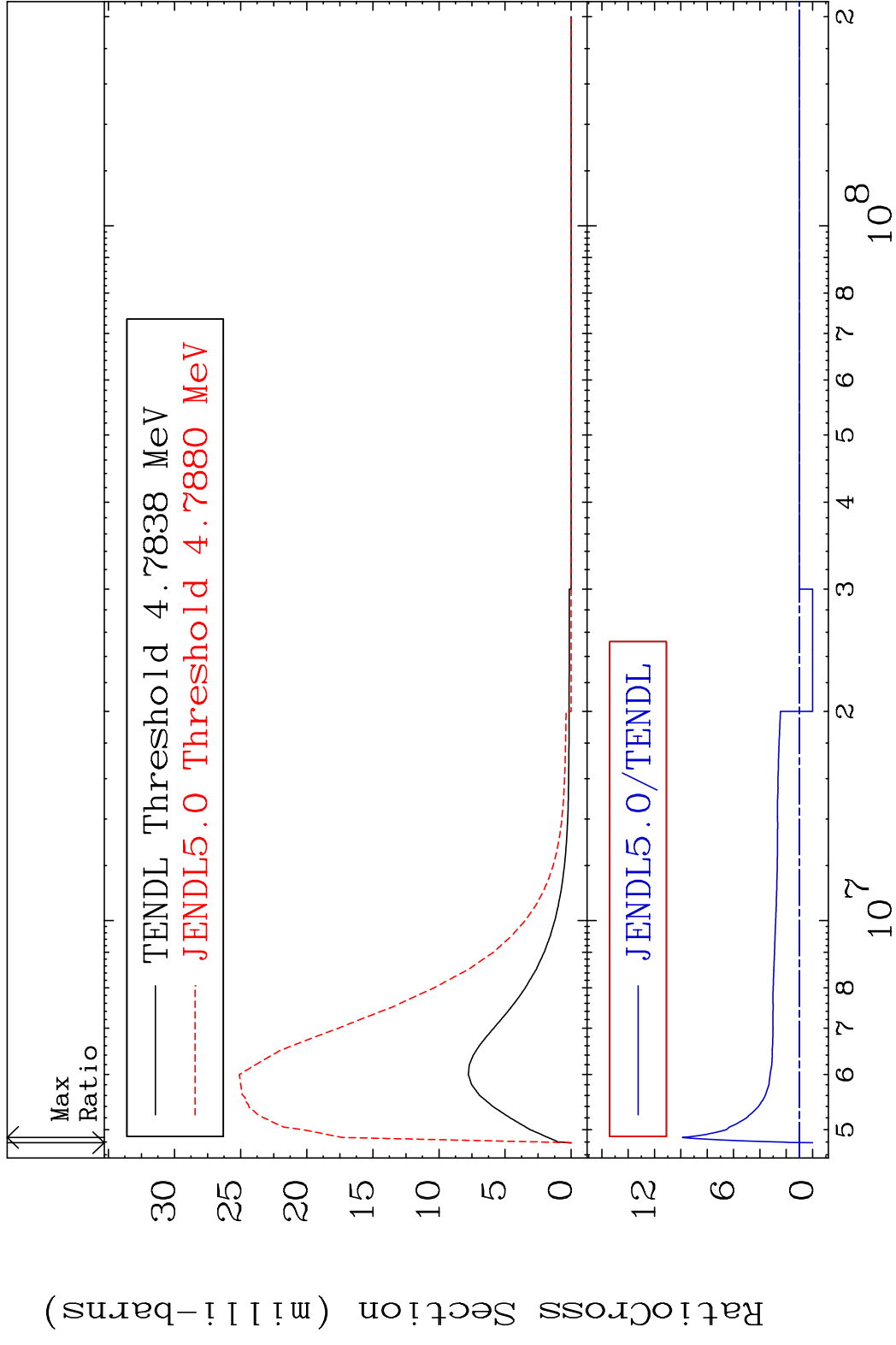


MAT 2625 MT= 72 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 760.0 %

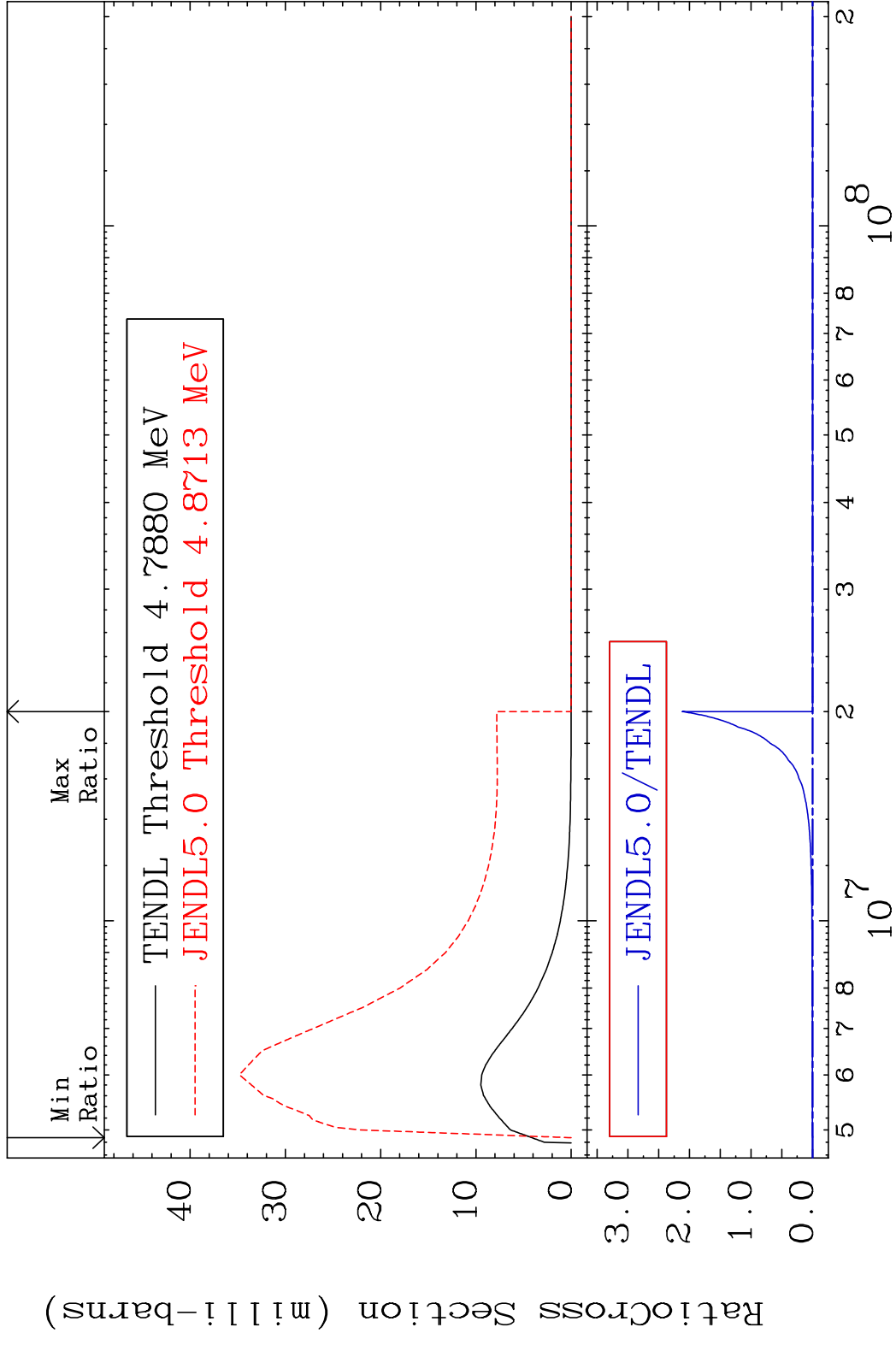


30 26-Fe-54

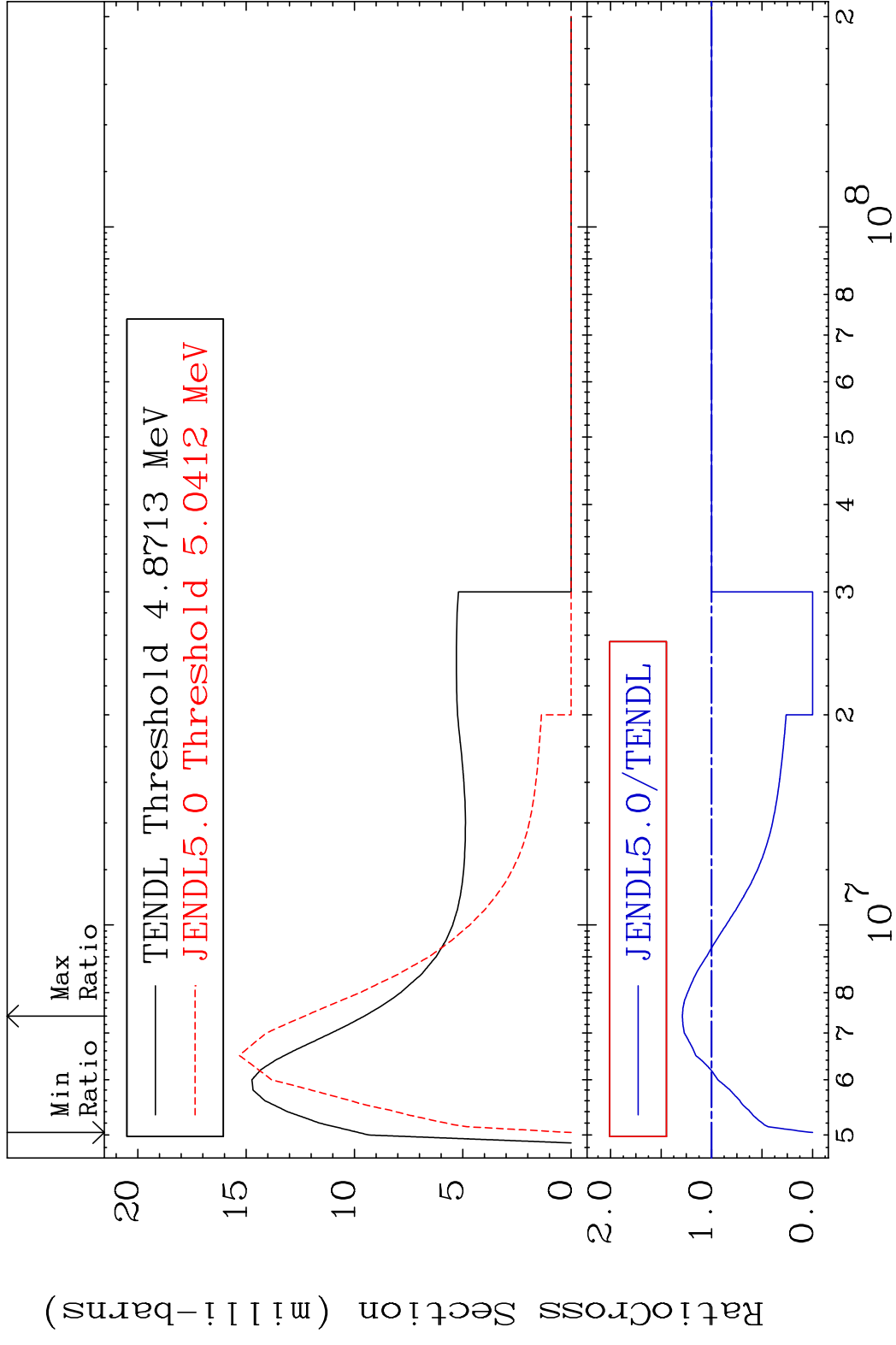
MAT 2625 MT= 73 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 888.7 %



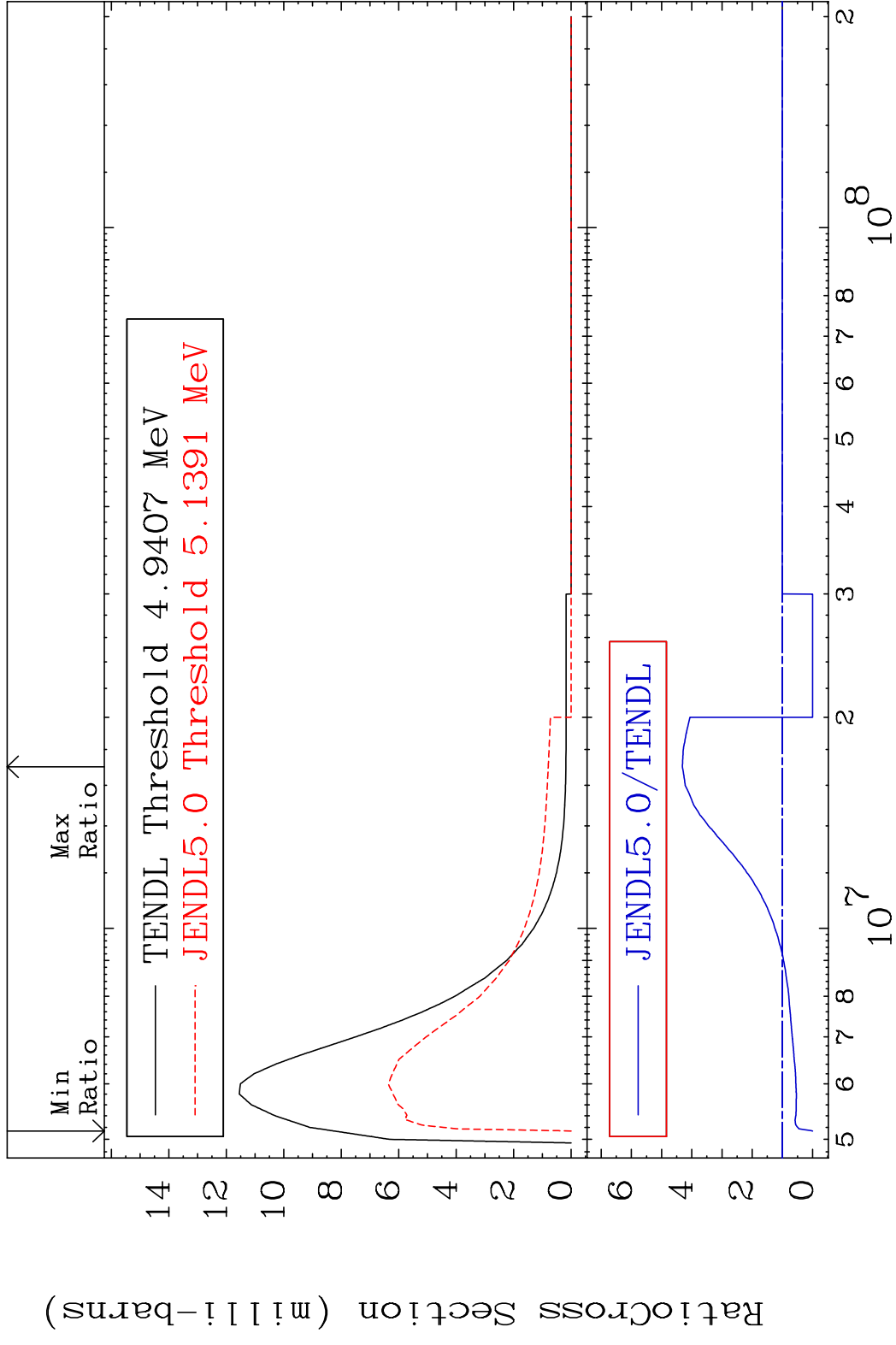
MAT 2625 MT= 74 (n,n') Level 26-Fe-54
 Cross Section -100.0 To 9999. %



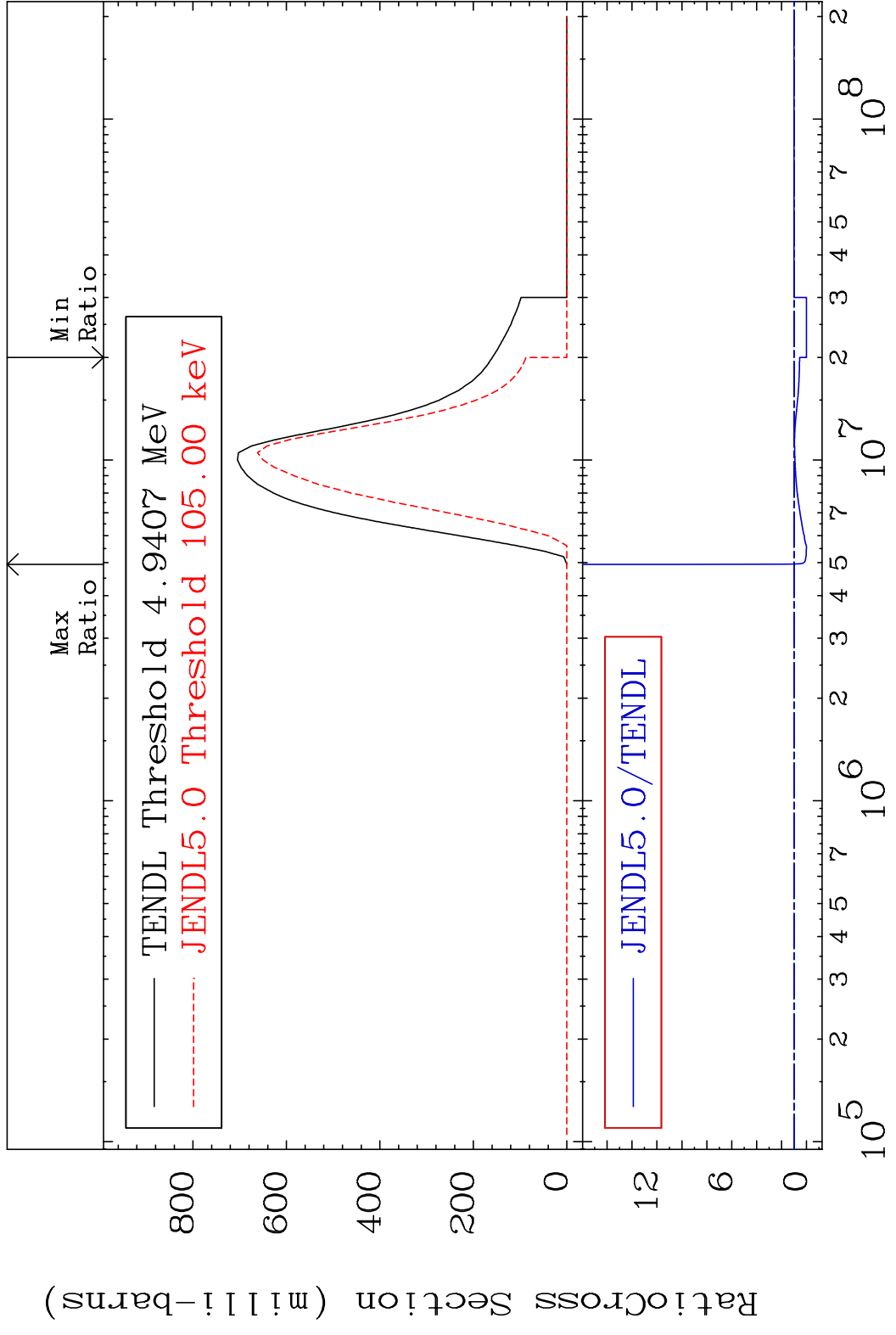
MAT 2625 MT= 75 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 28.98 %



MAT 2625 MT= 76 (n,n') Level 26-Fe-54
 Cross Section -100.0 To 331.2 %



MAT 2625 (n, n') Continuum ²⁶Fe-54
 Cross Section -100.0 To 937.6 %



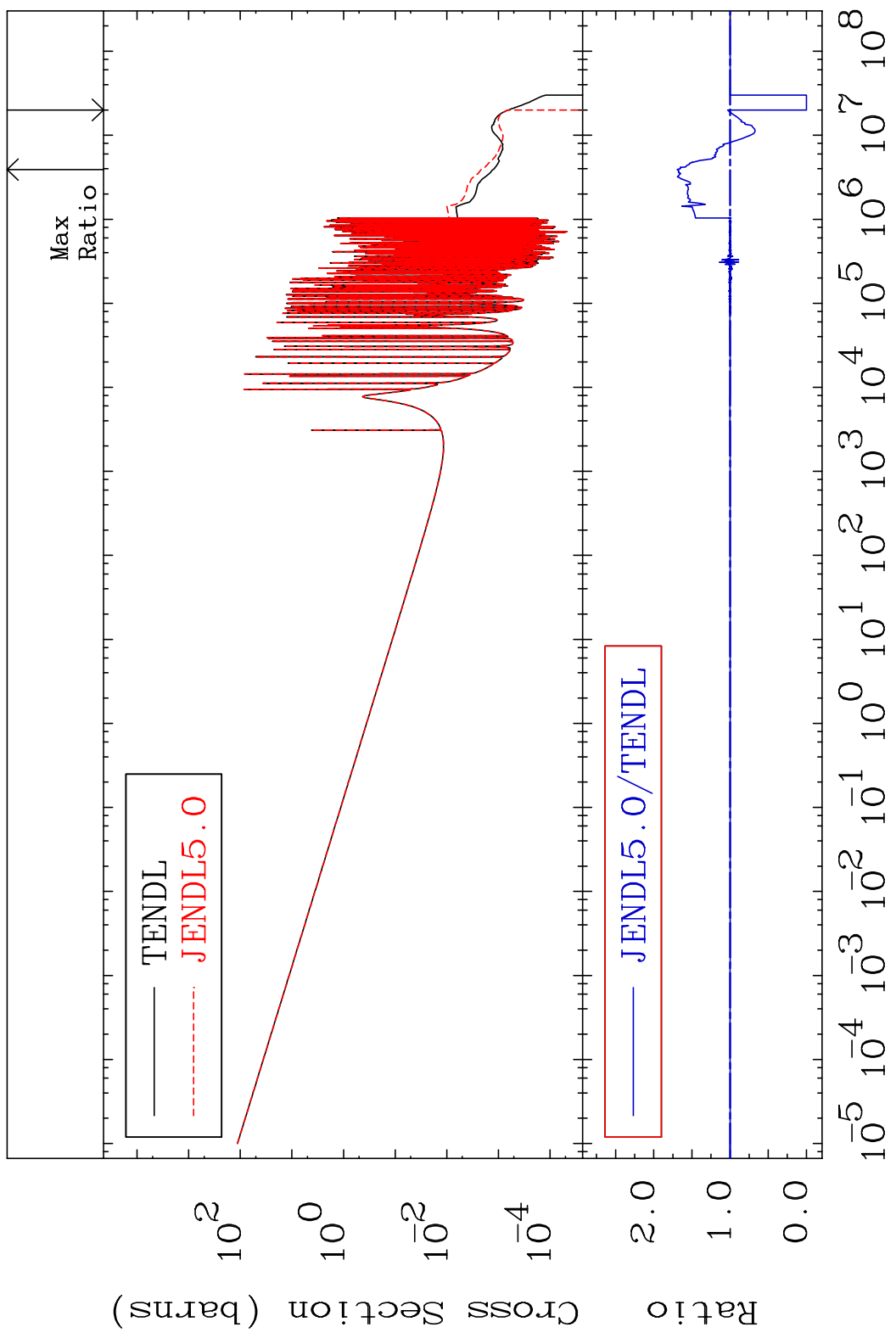
35 Incident Energy (eV) ²⁶Fe-54

MAT 2625

(n, γ)

26-Fe-54

Cross Section -100.0 To 69.28 %



36

Incident Energy (eV)

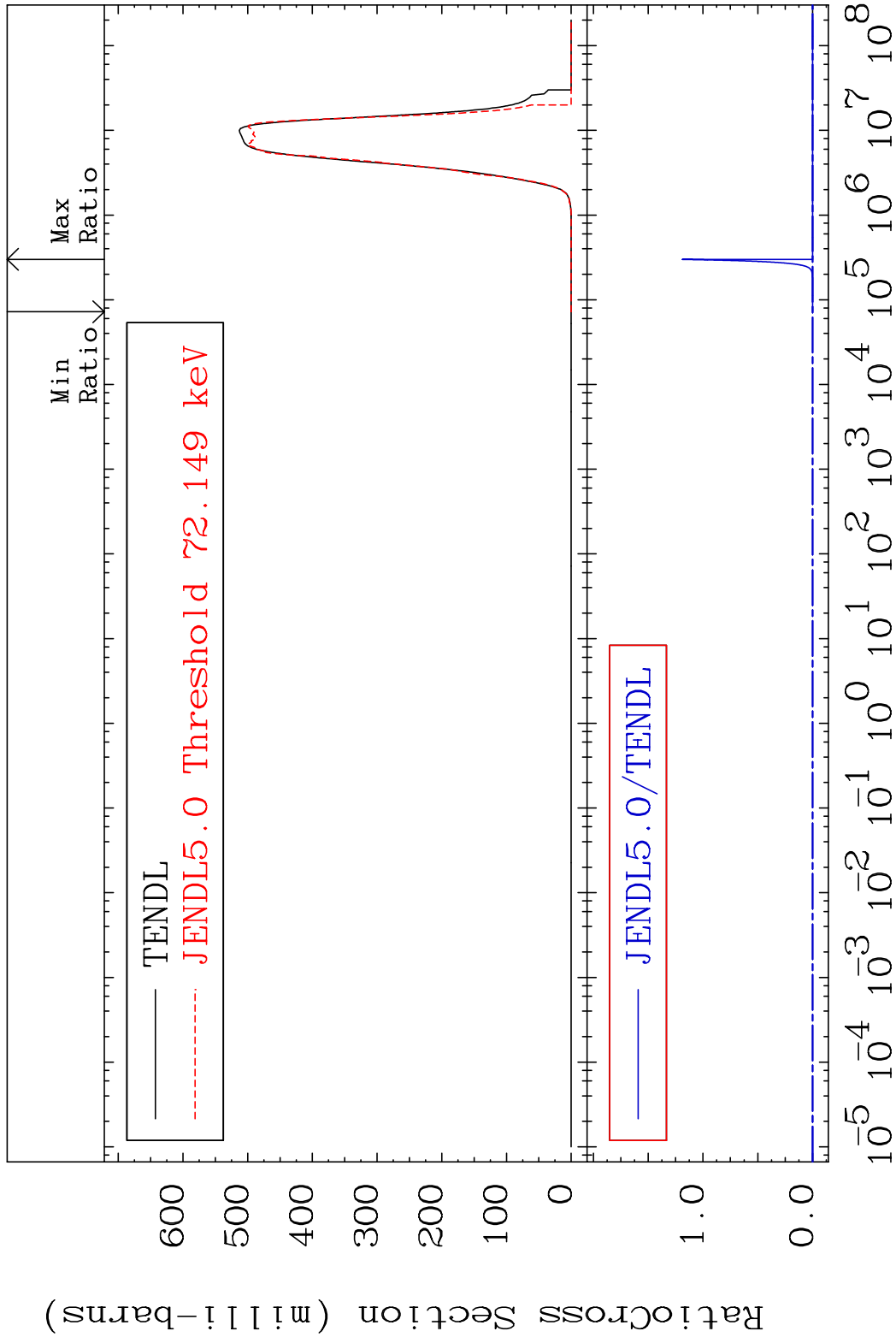
26-Fe-54

MAT 2625

(n, p)

²⁶Fe-54

Cross Section -100.0 To 9999. %

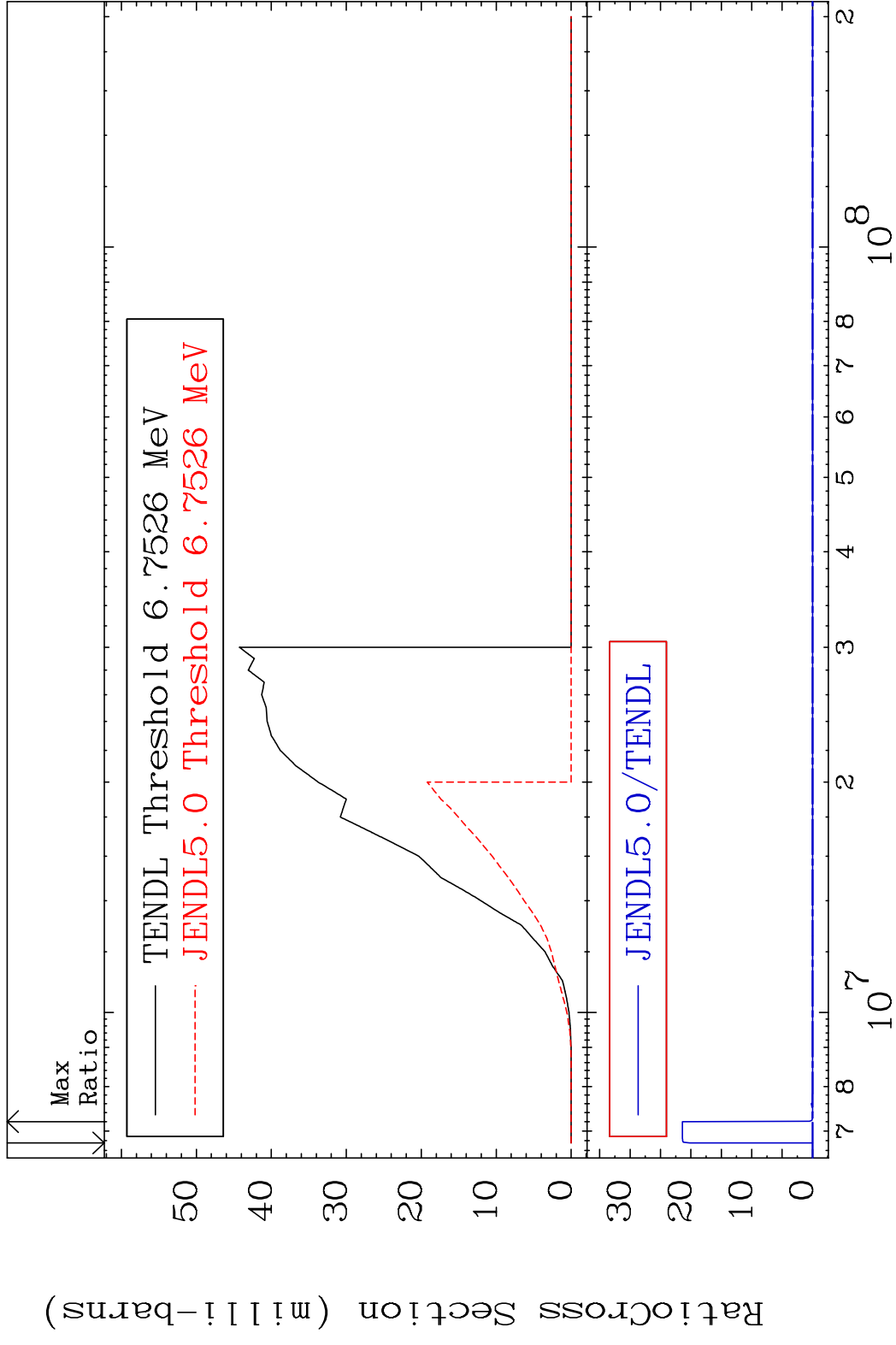


37

Incident Energy (eV)

²⁶Fe-54

MAT 2625 (n,d) 26-Fe-54
 Cross Section -100.0 To 9999. %

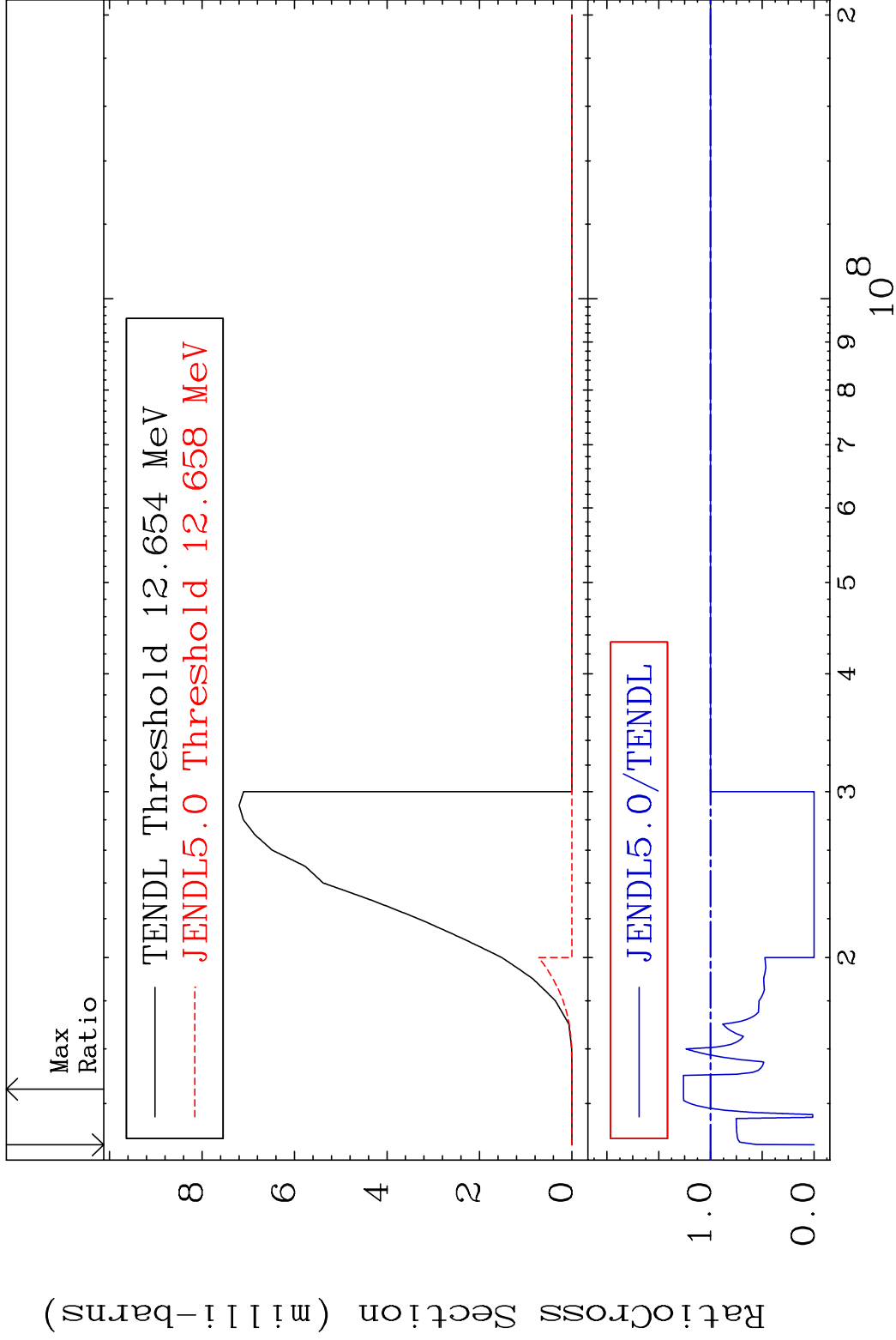


MAT 2625

(n, t)

²⁶Fe-54

Cross Section -100.0 To 26.10 %

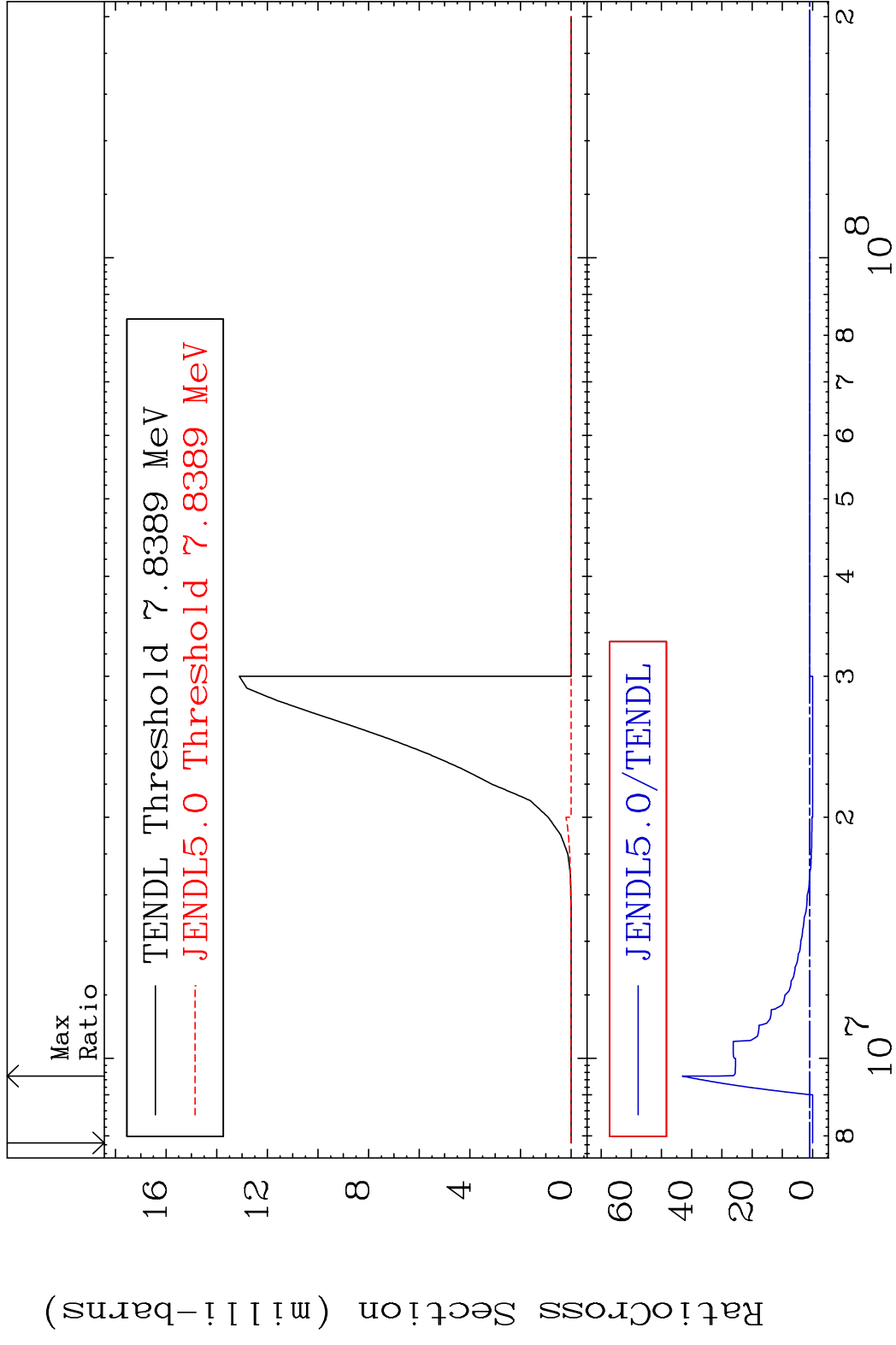


39

Incident Energy (eV)

²⁶Fe-54

MAT 2625 (n, He-3) ²⁶Fe-54
 Cross Section -100.0 To 4210. %



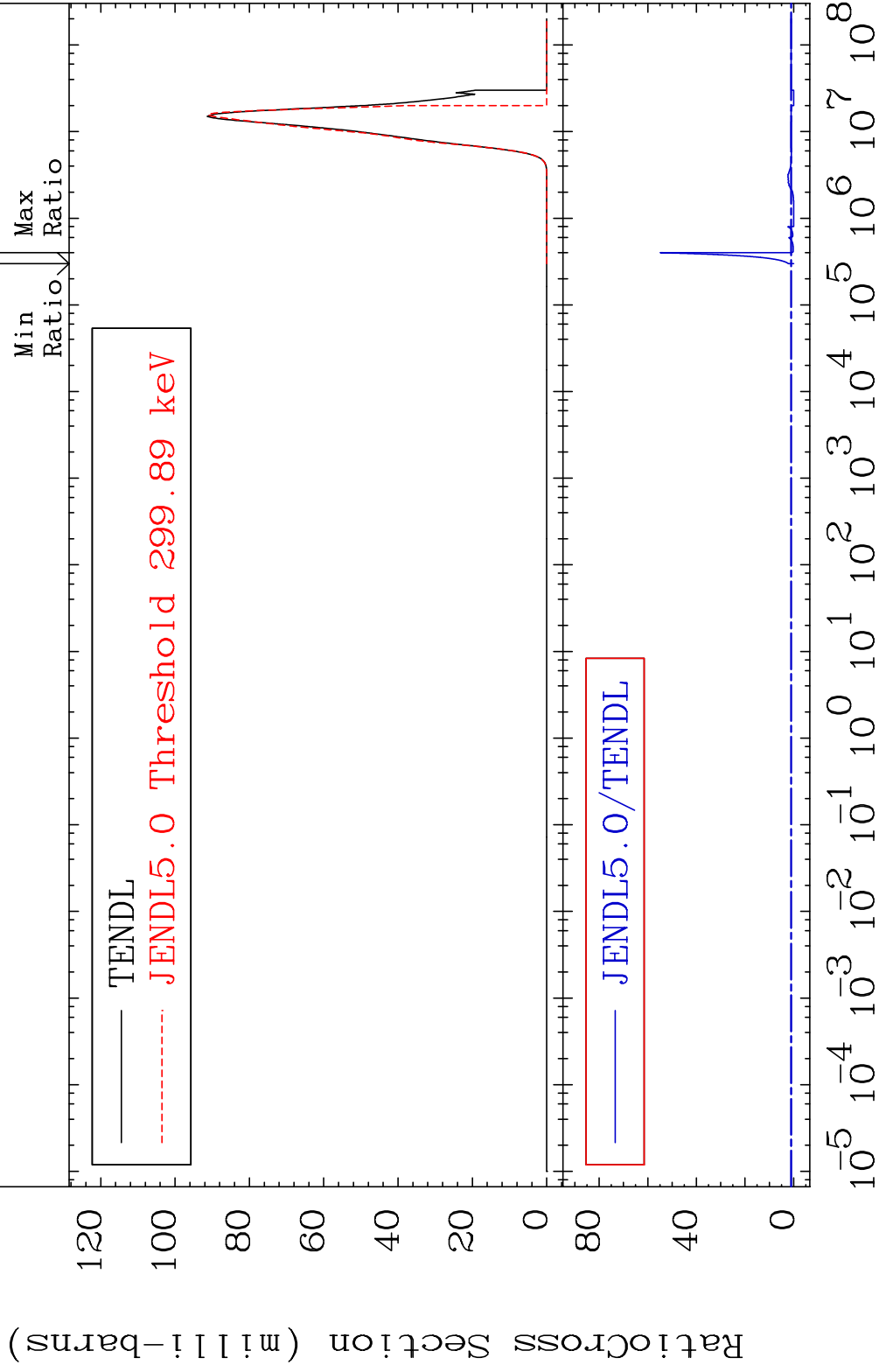
40 Incident Energy (eV) ²⁶Fe-54

MAT 2625

(n, α)

26-Fe-54

Cross Section -100.0 To 5379. %

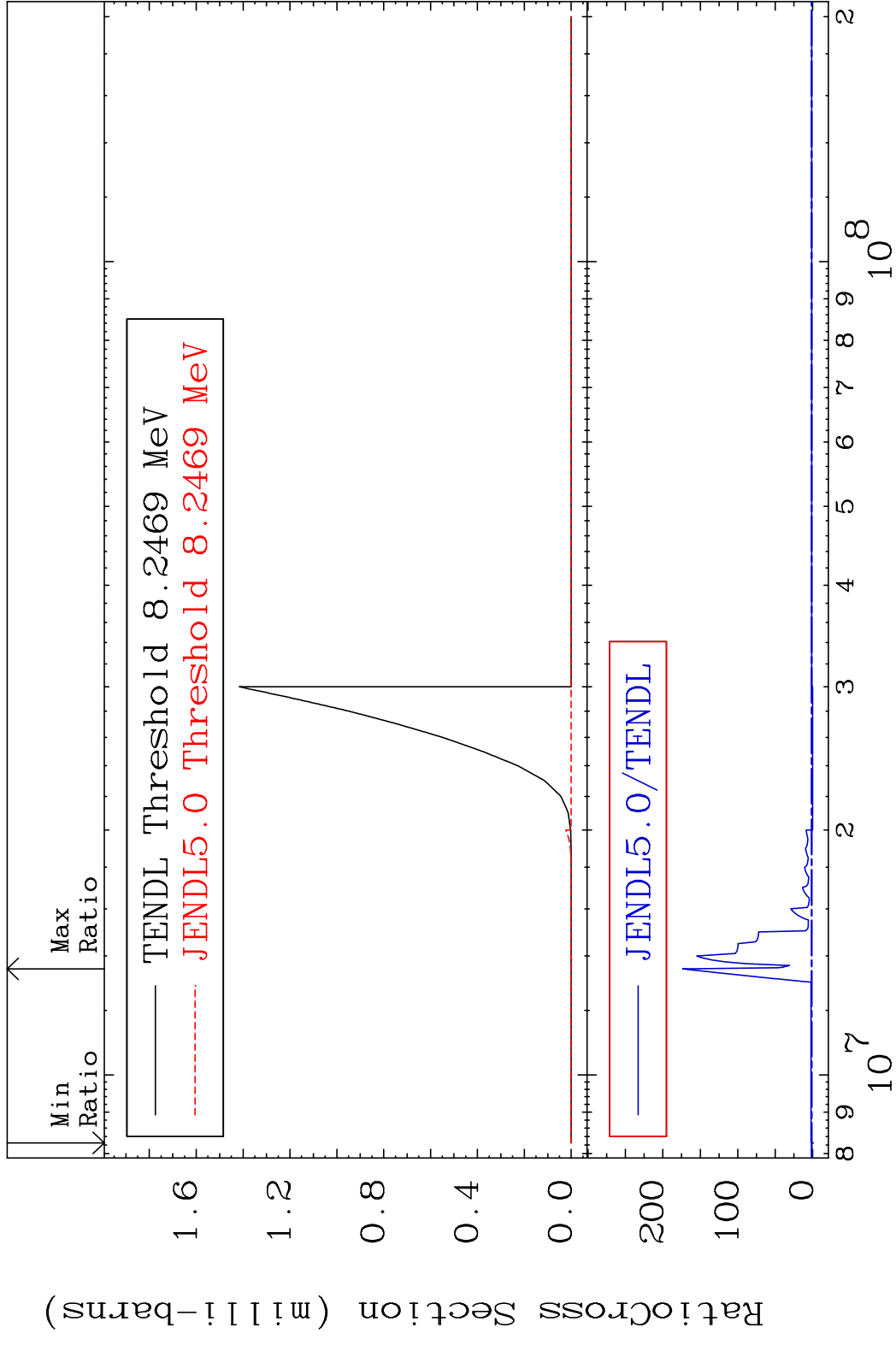


41

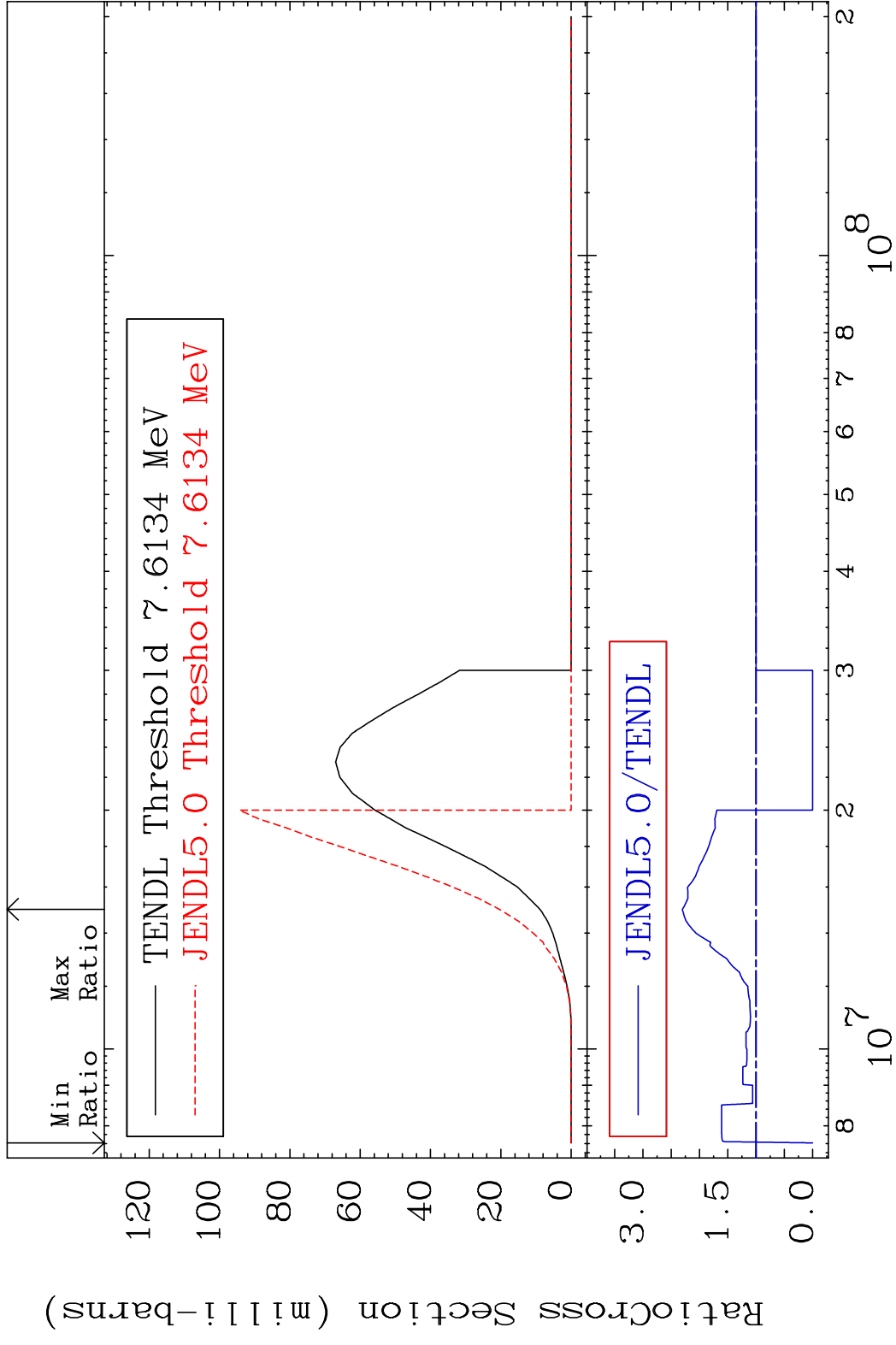
Incident Energy (eV)

26-Fe-54

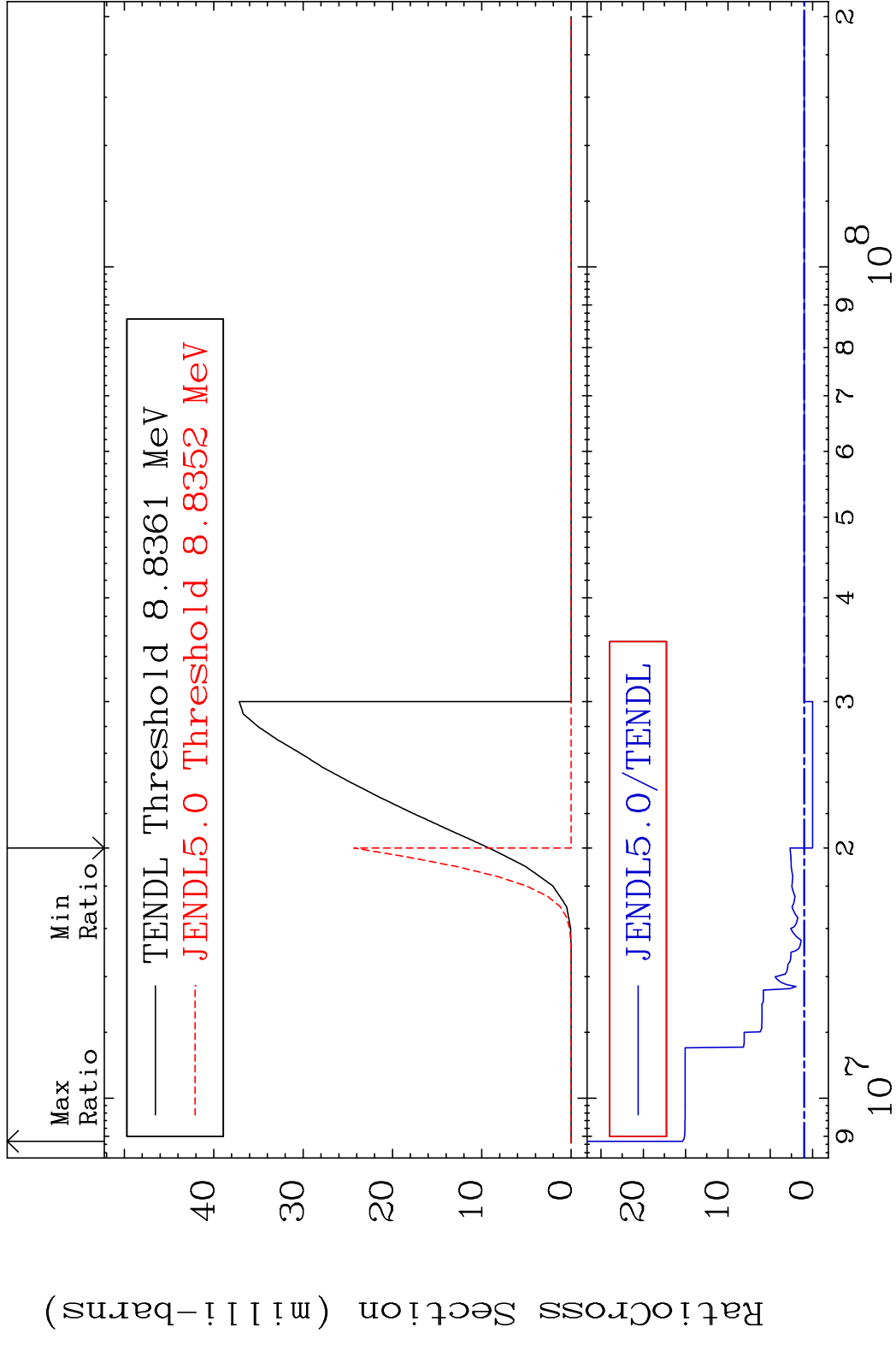
MAT 2625 (n,2α) 26-Fe-54
 Cross Section -100.0 To 9999. %



MAT 2625 (n,2p) 26-Fe-54
 Cross Section -100.0 To 130.3 %

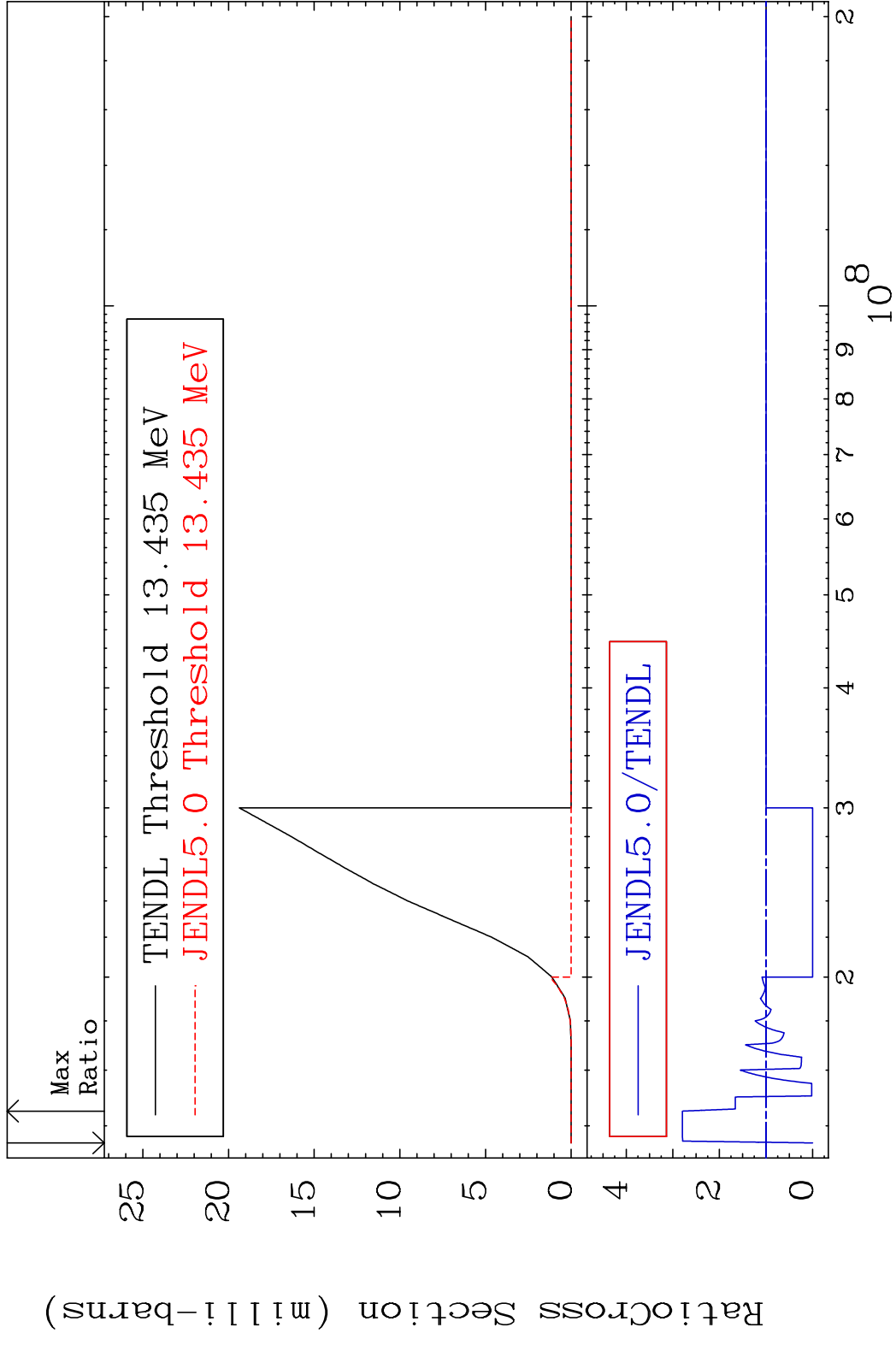


MAT 2625 (n,p) α $^{26}\text{Fe-54}$
 Cross Section -100.0 To 1438. %



44 $^{26}\text{Fe-54}$

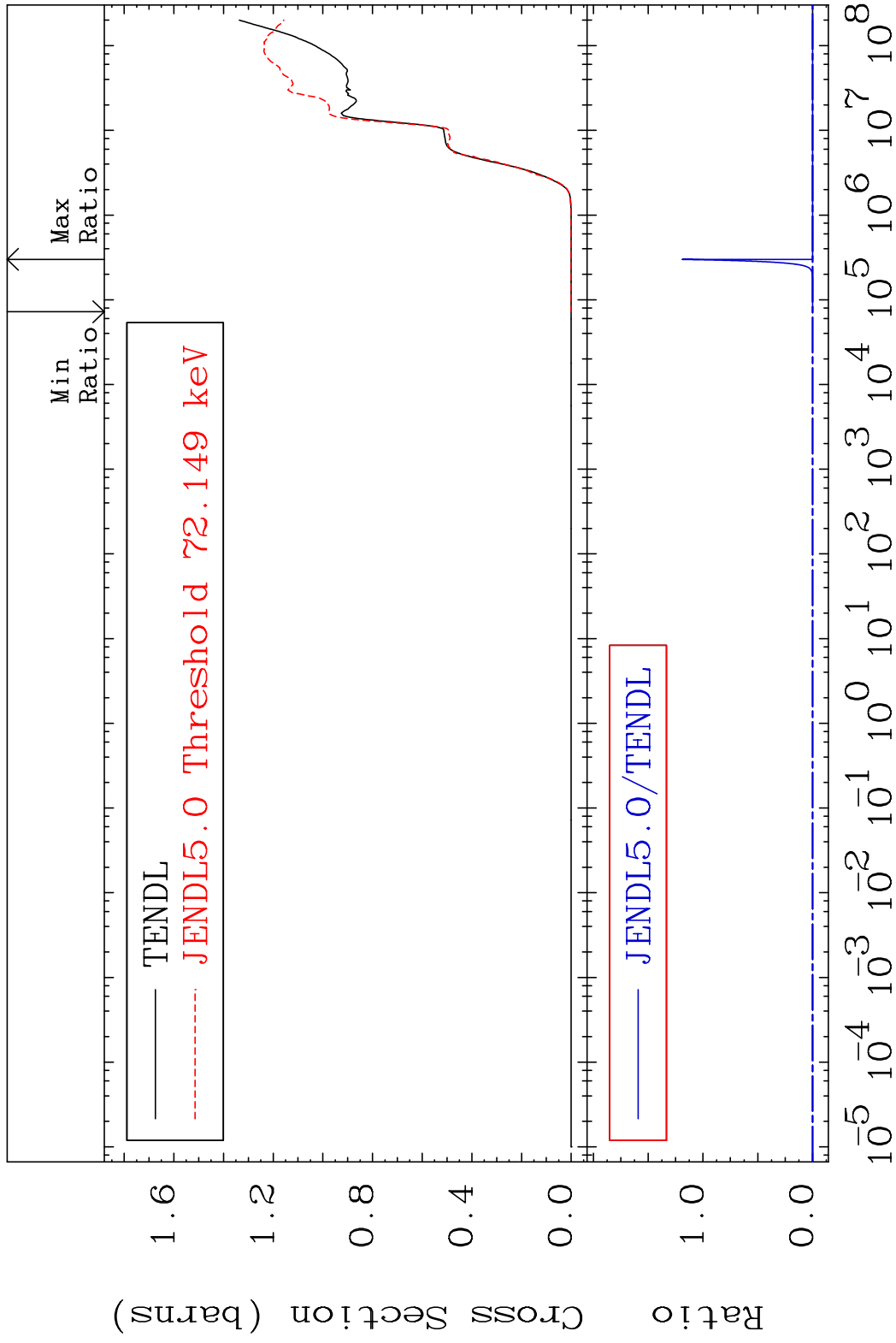
MAT 2625 (n,p) d ²⁶Fe-54
 Cross Section -100.0 To 179.5 %



MAT 2625

Hydrogen Production
Cross Section -100.0 To 9999. %

²⁶Fe-54

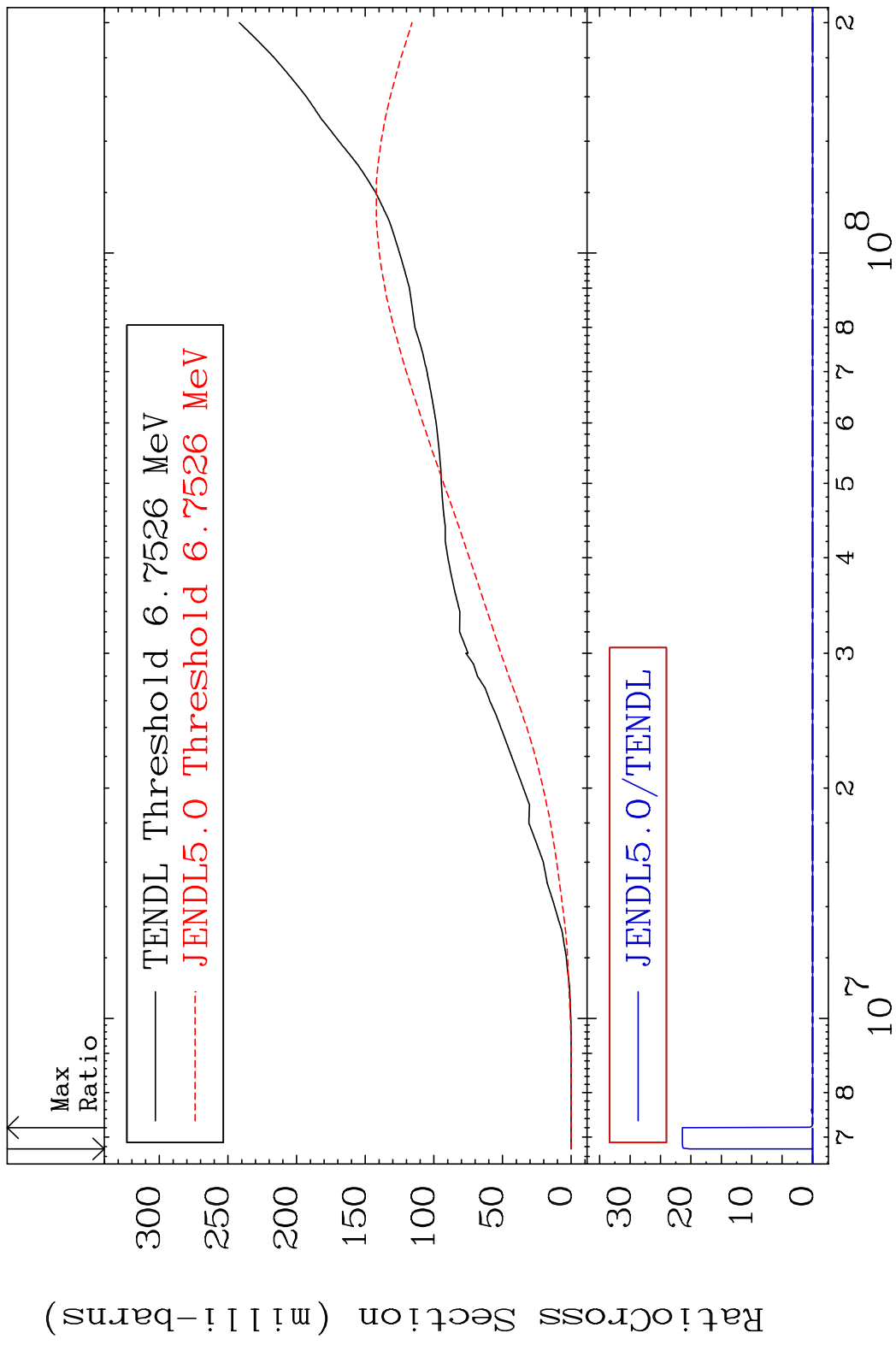


46

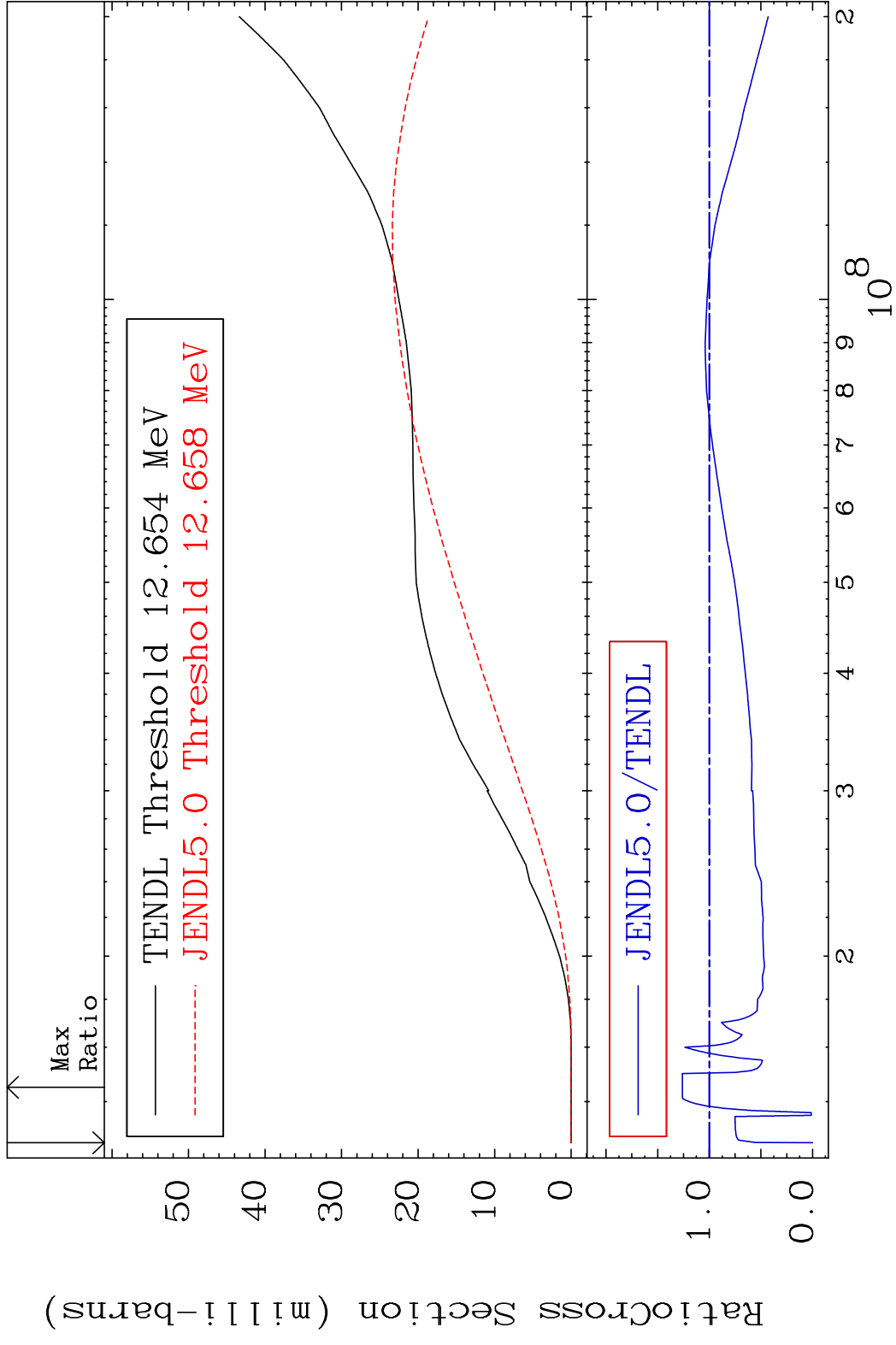
Incident Energy (eV)

²⁶Fe-54

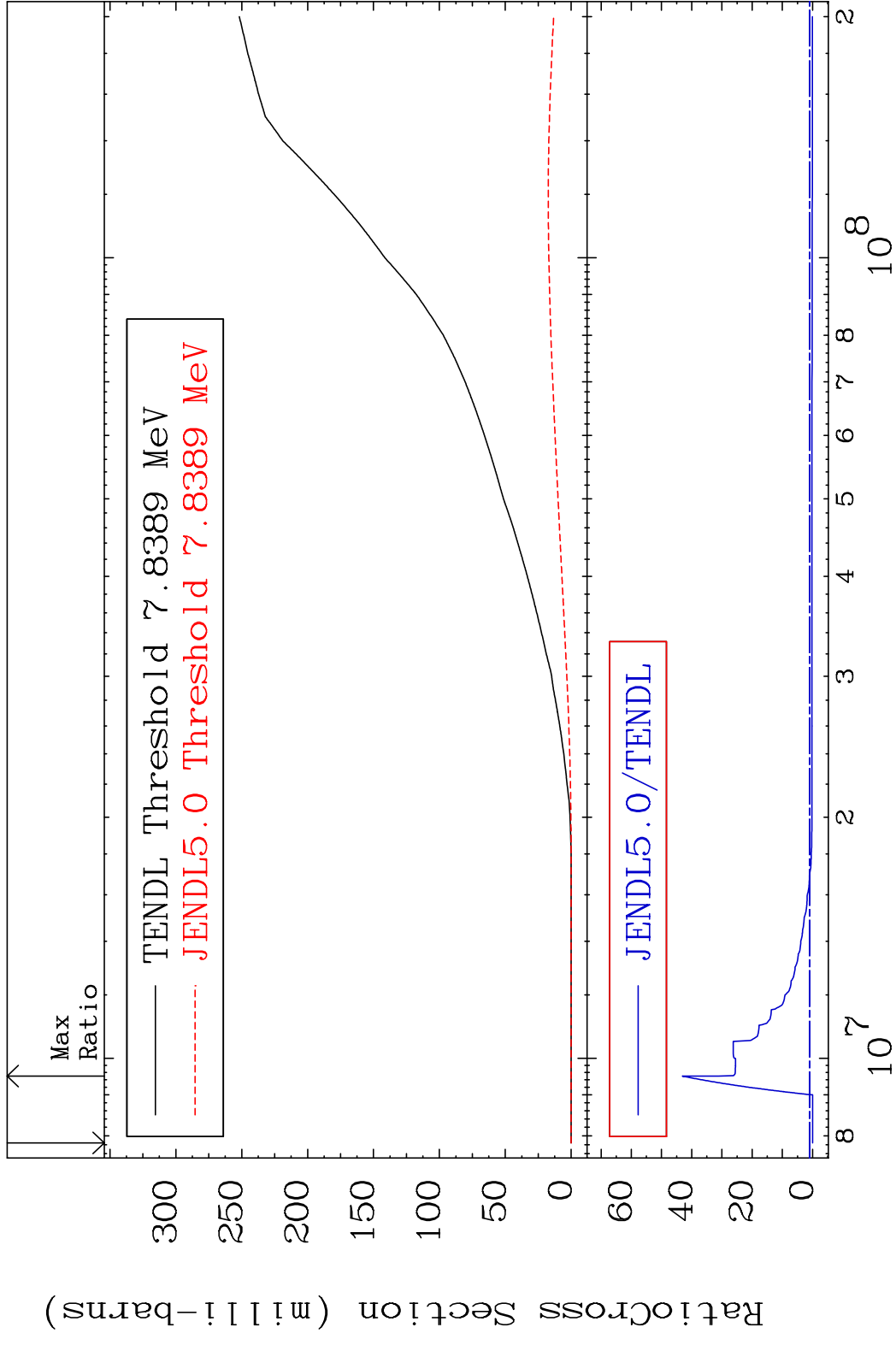
MAT 2625 Deuterium Production 26-Fe-54
 Cross Section -100.0 To 9999. %



MAT 2625 Tritium Production $^{26}\text{Fe-54}$
 Cross Section -100.0 To 26.10 %



MAT 2625 He-3 Production 26-Fe-54
 Cross Section -100.0 To 4210. %



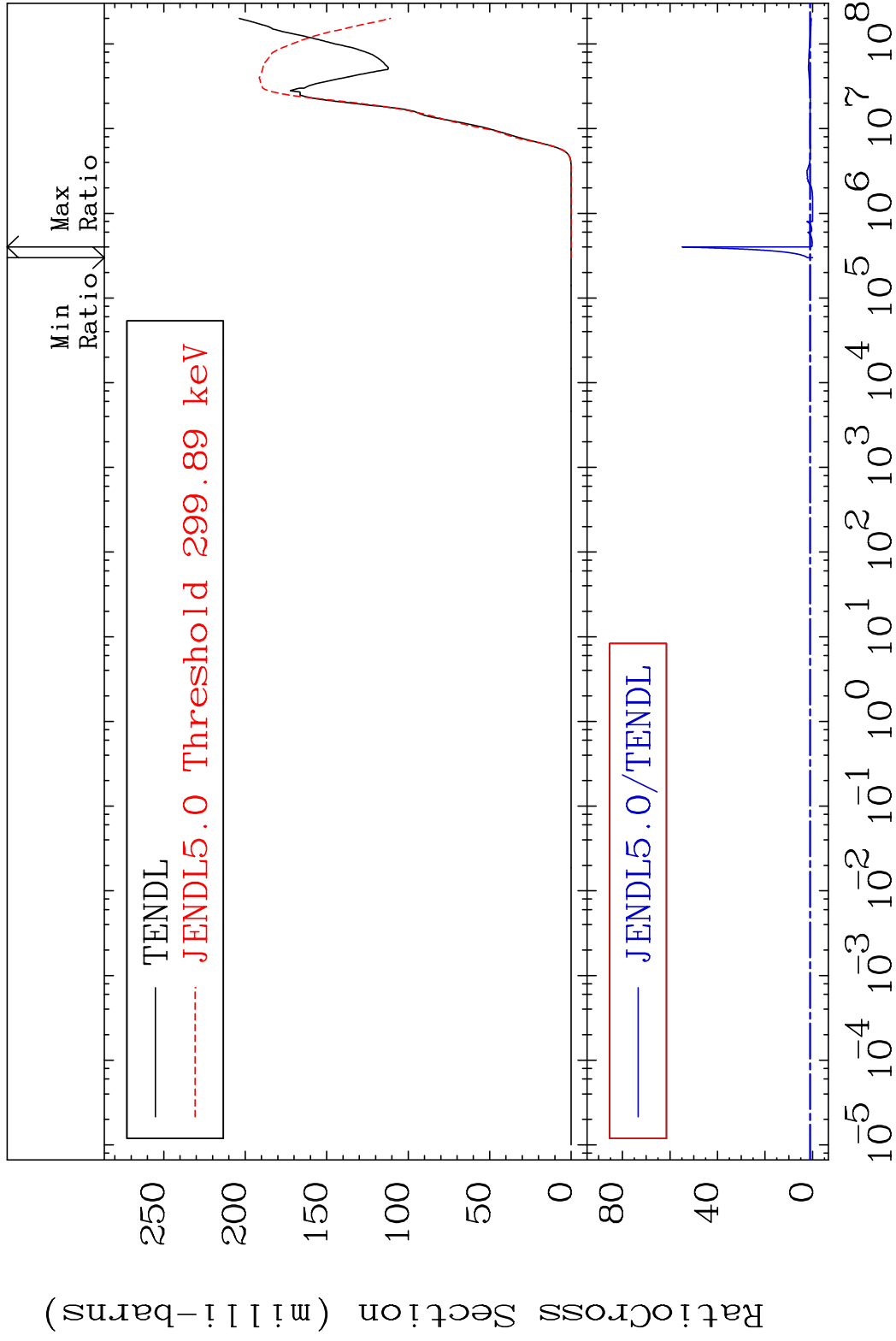
49 Incident Energy (eV) 26-Fe-54

MAT 2625

He-4 Production

²⁶Fe-54

Cross Section -100.0 To 5379. %

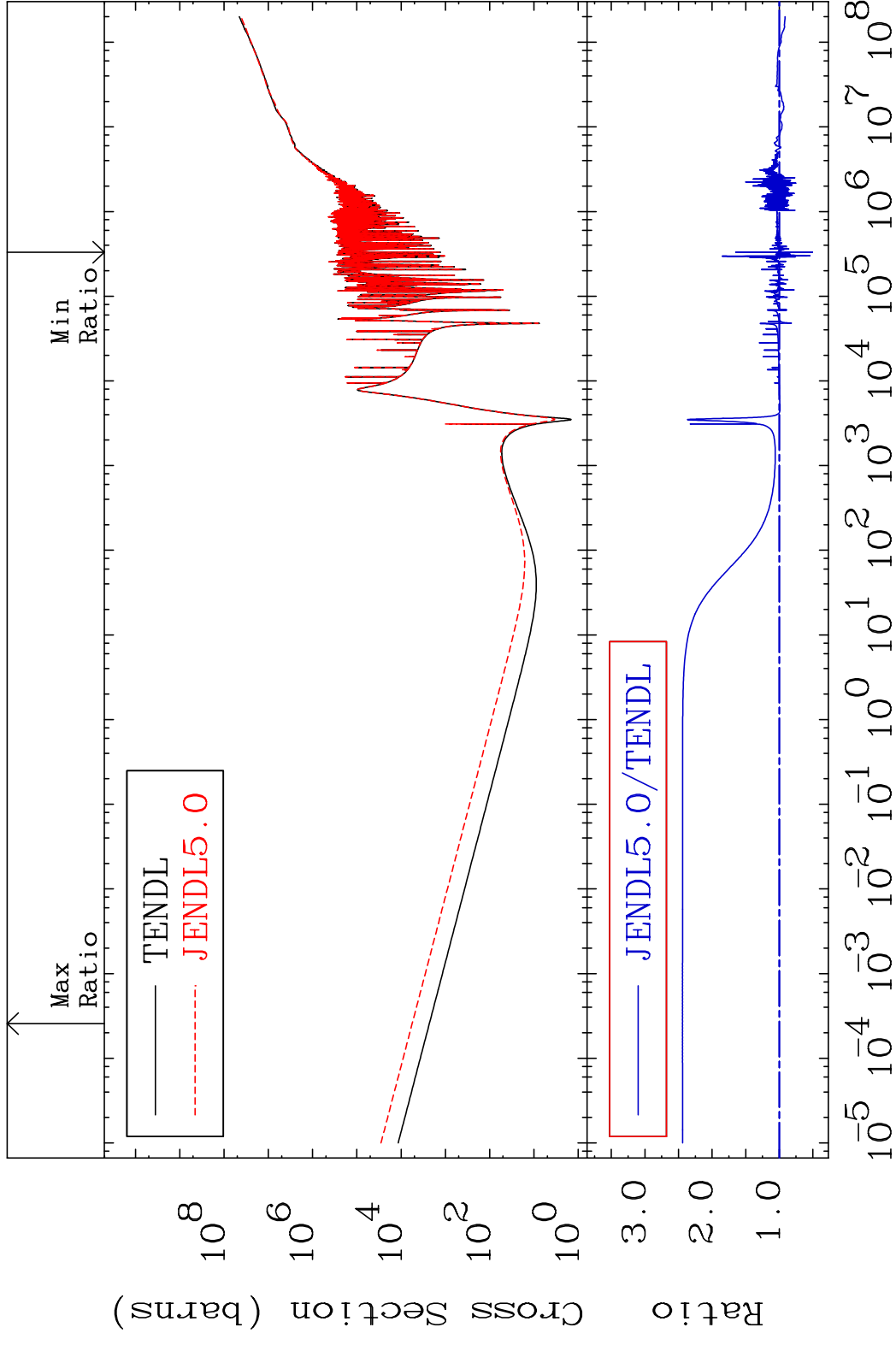


50

Incident Energy (eV)

²⁶Fe-54

MAT 2625 Kerma total (eV-barns) 26-Fe-54
 Cross Section -49.54 To 144.3 %

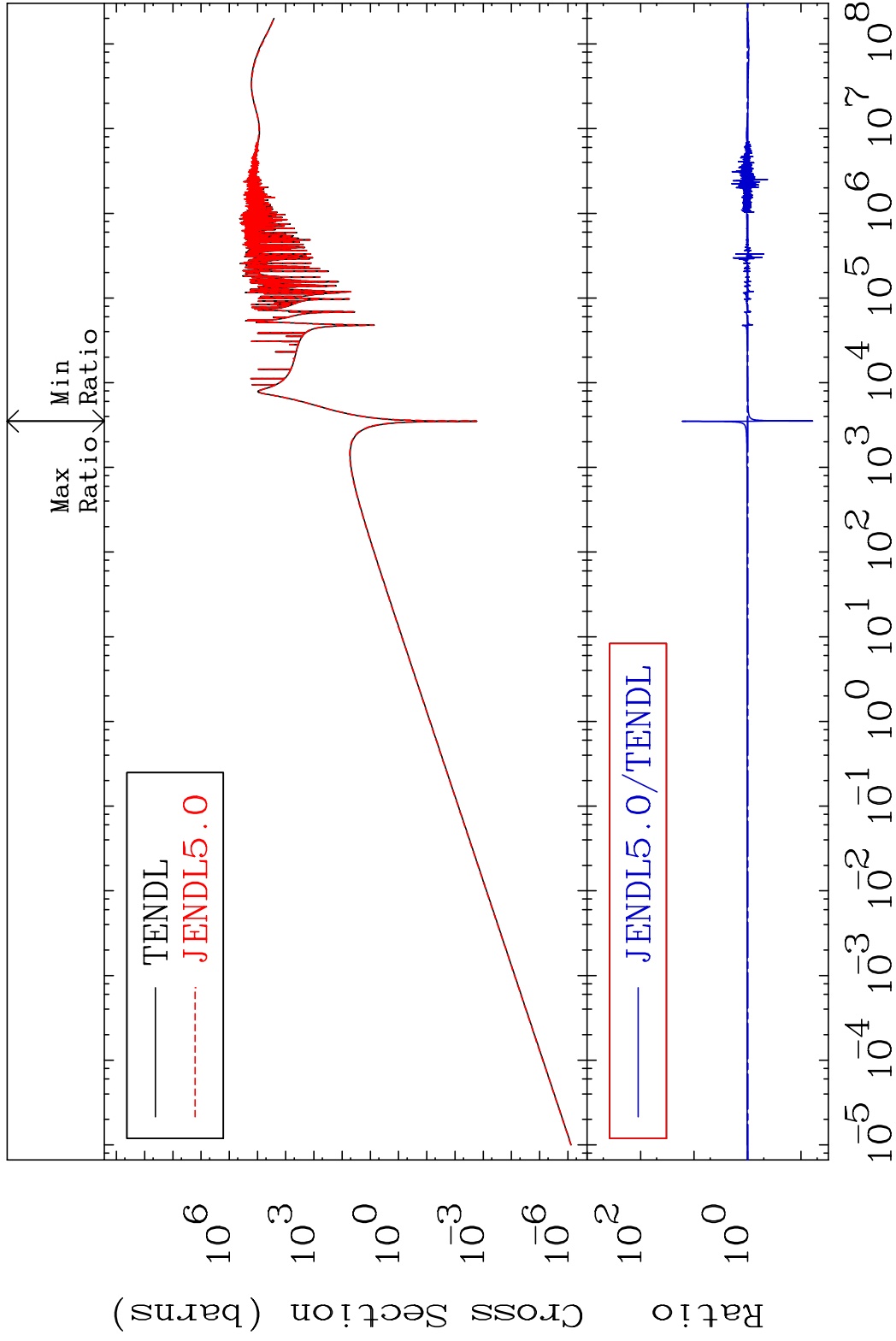


MAT 2625

Kerma elastic

26-Fe-54

Cross Section -93.90 To 1558. %

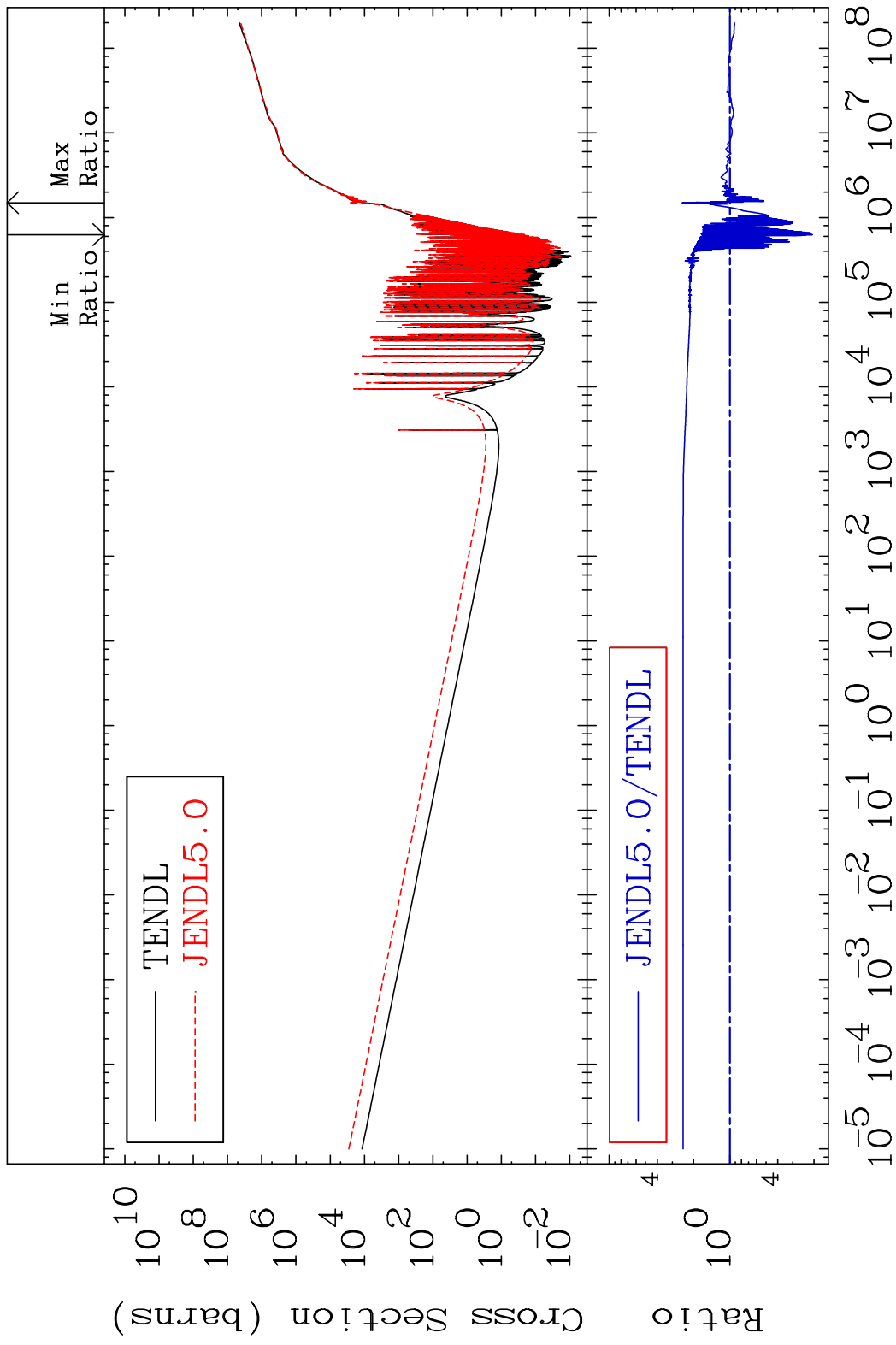


52

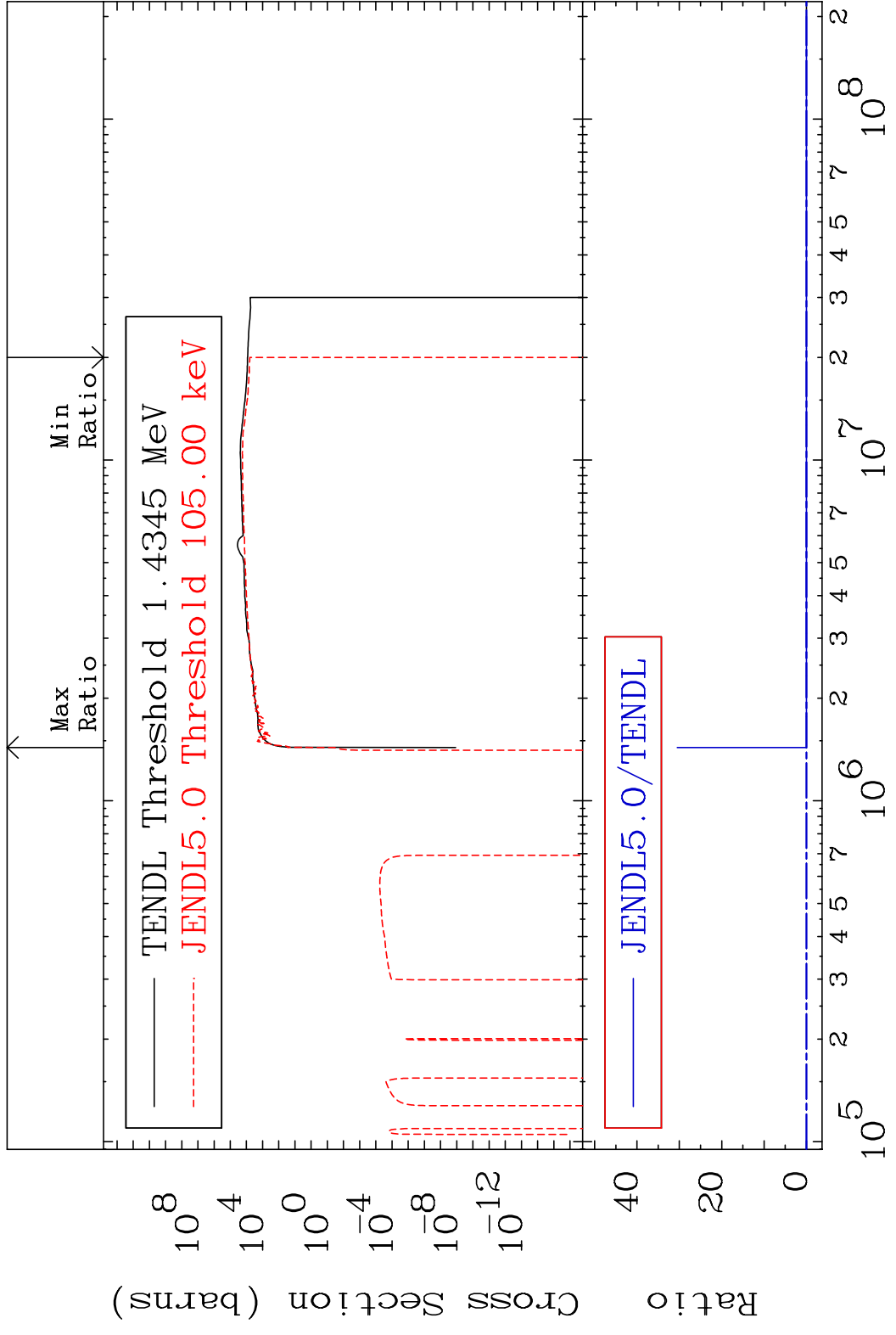
Incident Energy (eV)

26-Fe-54

MAT 2625 Kerma non-elastic (all but mt2) 26-Fe-54
Cross Section -79.42 To 147.6 %

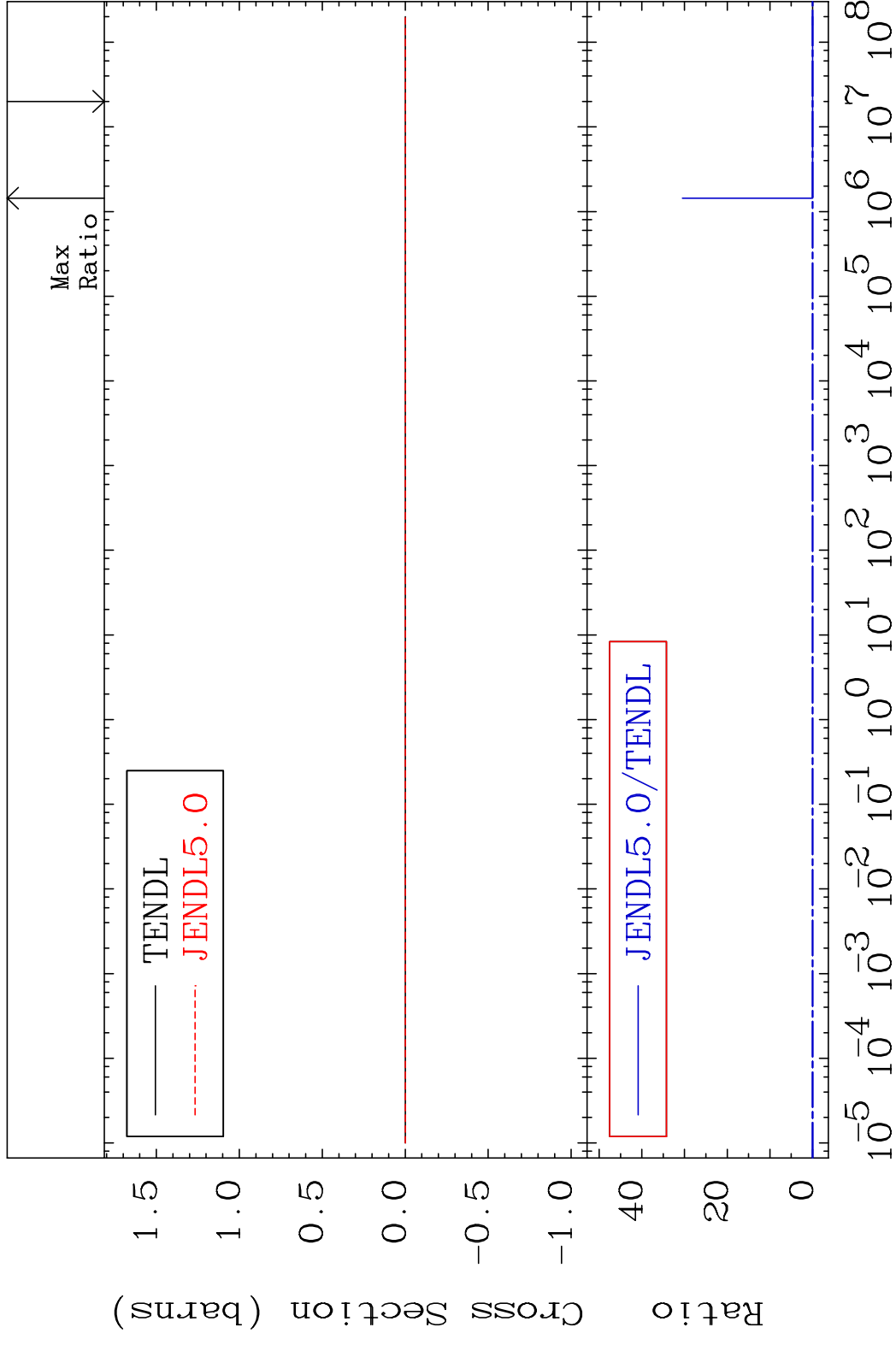


MAT 2625 Kerma inelastic (mt51-91) 26-Fe-54
 Cross Section -100.0 To 9999. %

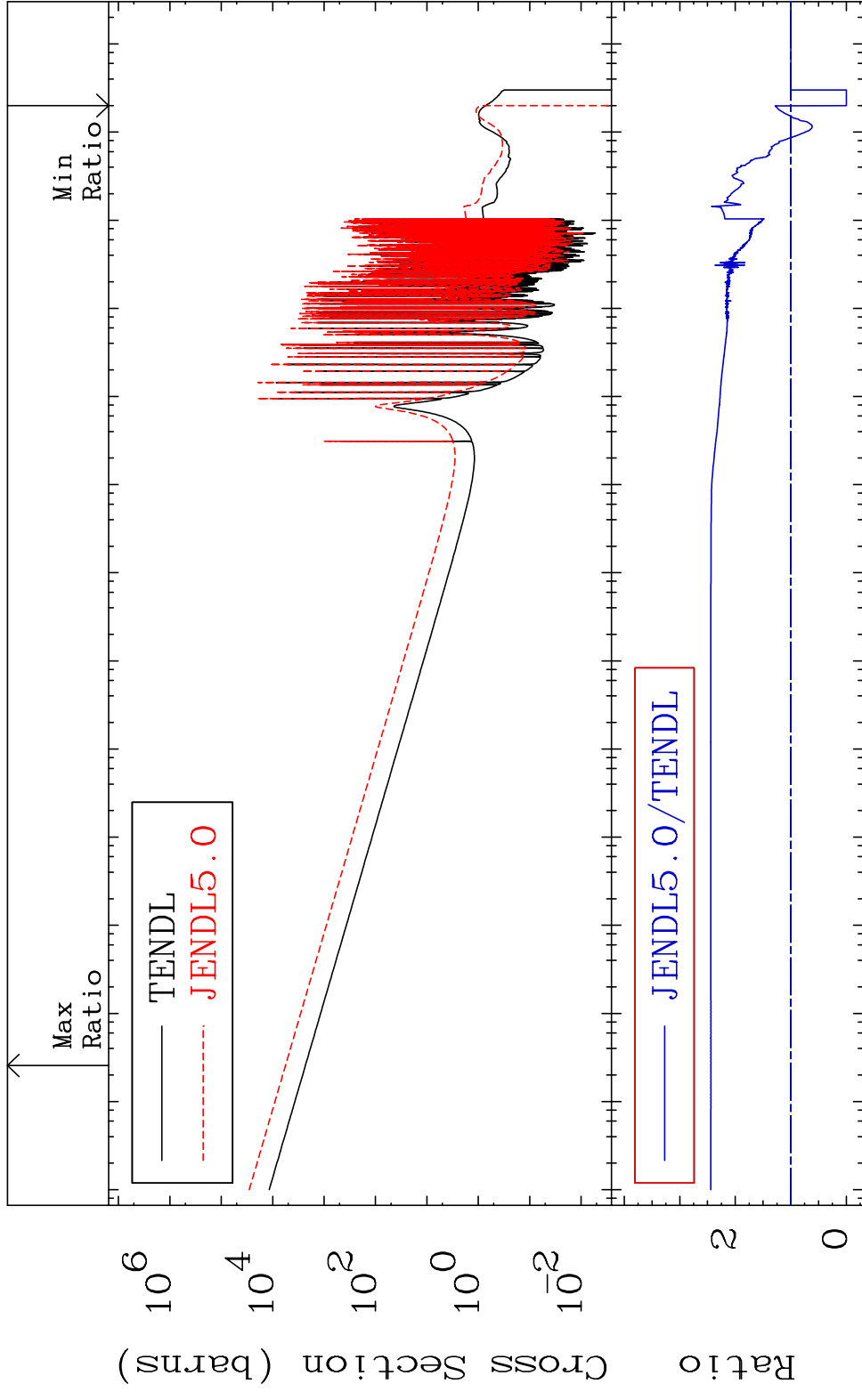


54 Incident Energy (eV) 26-Fe-54

MAT 2625 Kerma fission (mt18 or mt19-20-21-38) 26-Fe-54
 Cross Section -100.0 To 9999. %

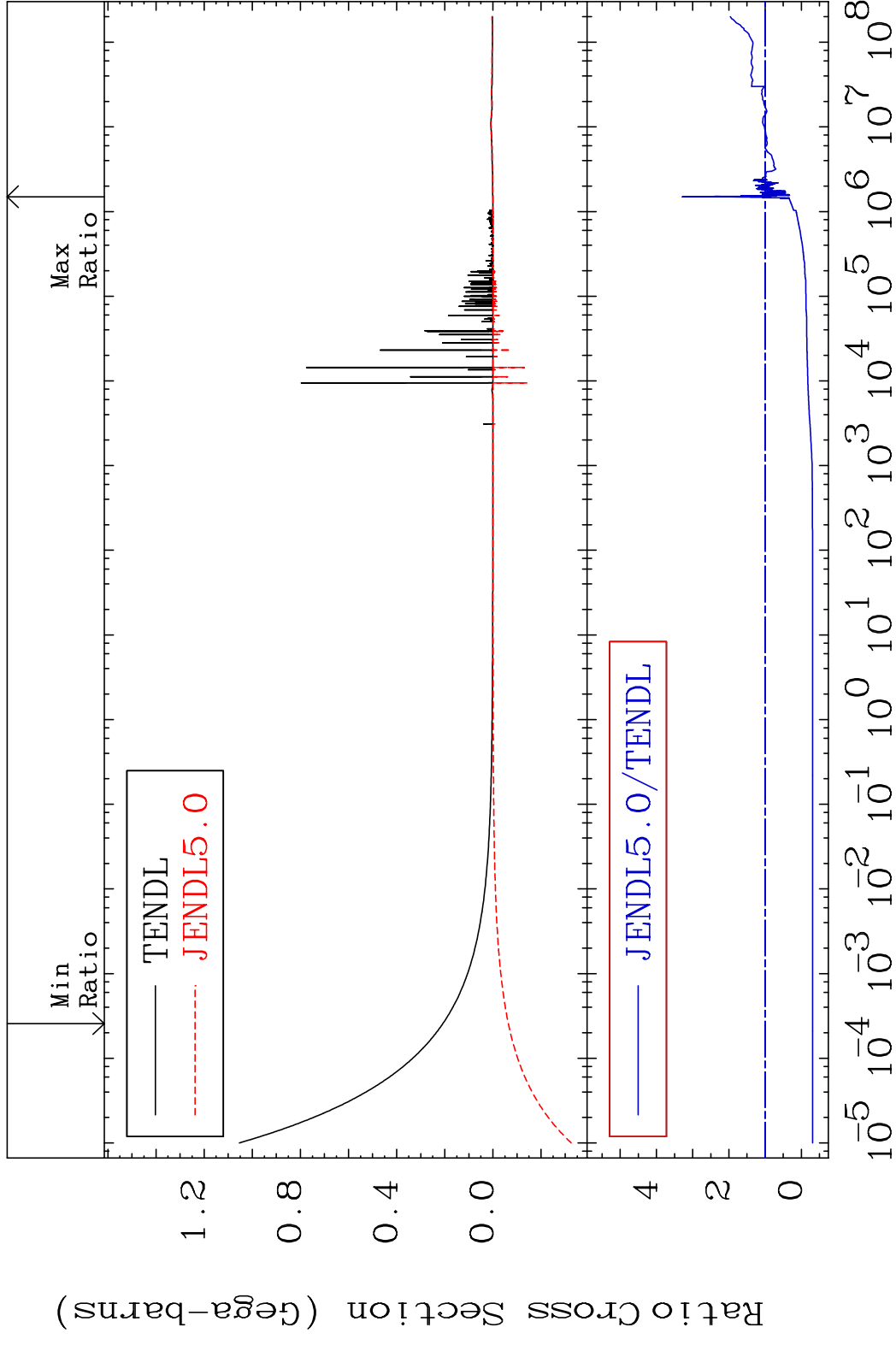


MAT 2625 Kerma capture (mt102) 26-Fe-54
 Cross Section -100.0 To 144.3 %



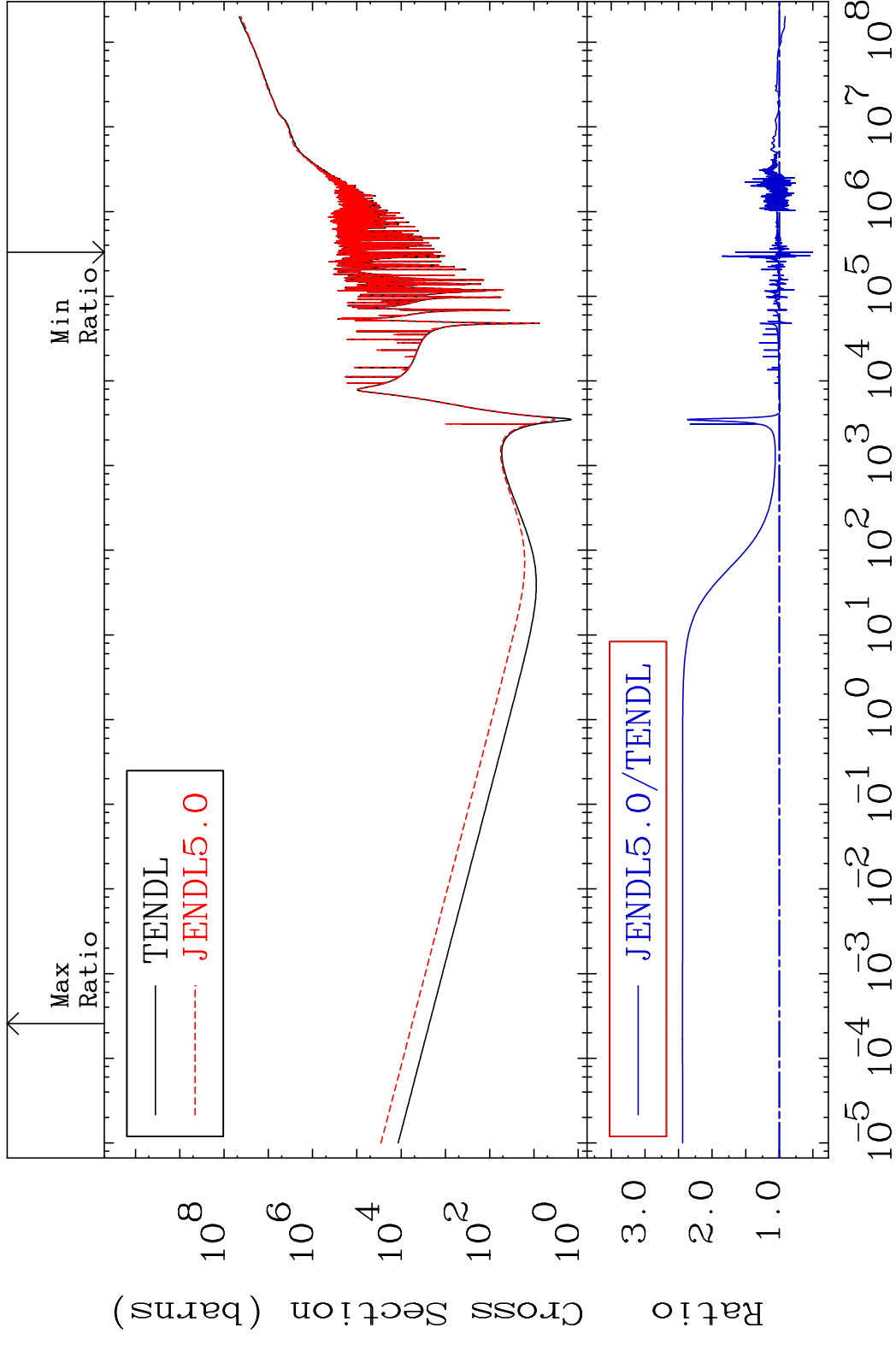
56 Incident Energy (eV) 26-Fe-54

MAT 2625 Total photon (eV-barns) 26-Fe-54
 Cross Section -130.9 To 228.5 %

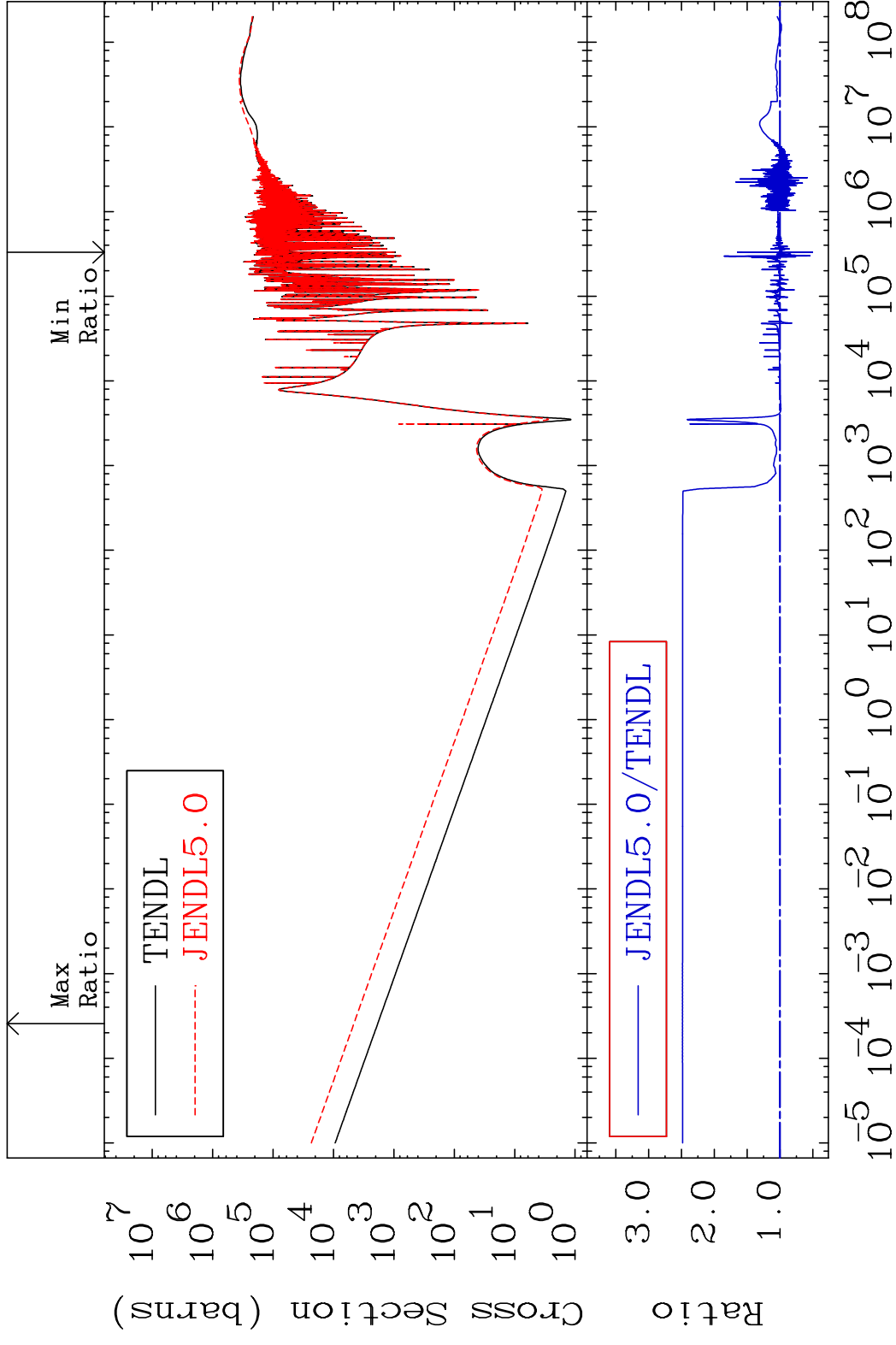


57 Incident Energy (eV) 26-Fe-54

MAT 2625 Total kinematic kerma (high limit) 26-Fe-54
 Cross Section -49.54 To 144.3 %



MAT 2625 Dpa total (eV-barns) 26-Fe-54
 Cross Section -49.56 To 148.7 %



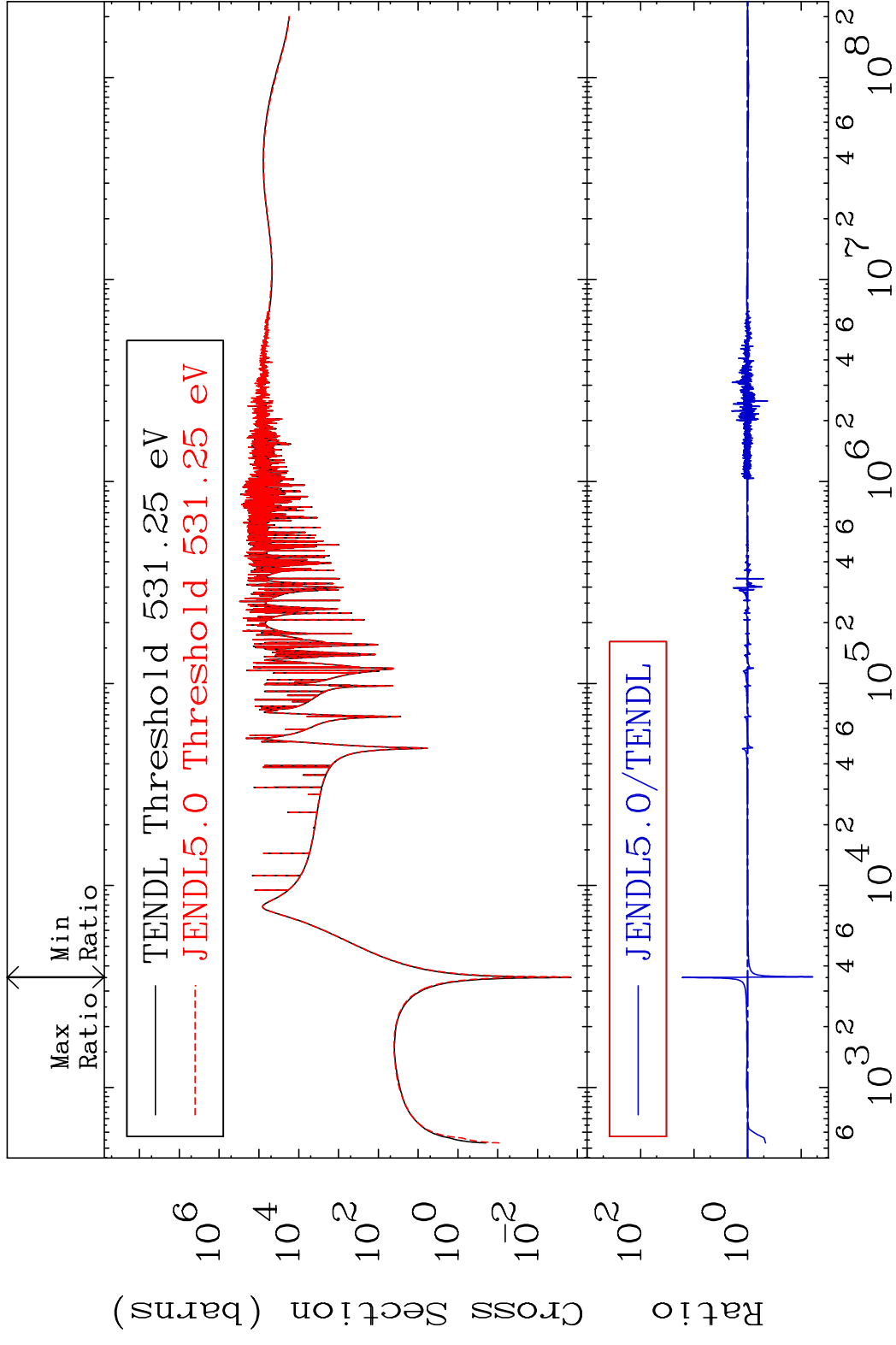
59 Incident Energy (eV) 26-Fe-54

MAT 2625

Dpa elastic (mt2)

²⁶Fe-54

Cross Section -93.90 To 1559. %

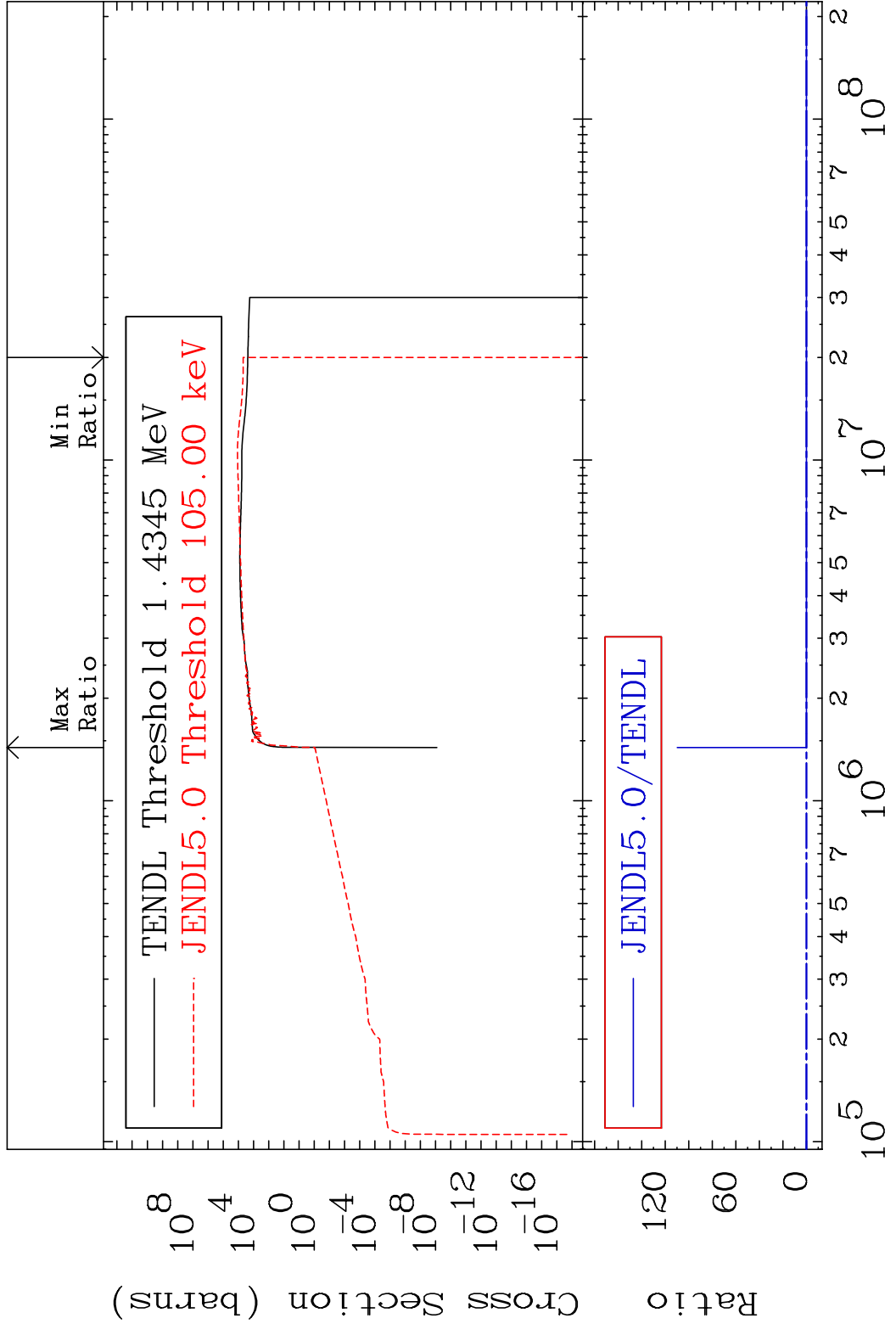


60

Incident Energy (eV)

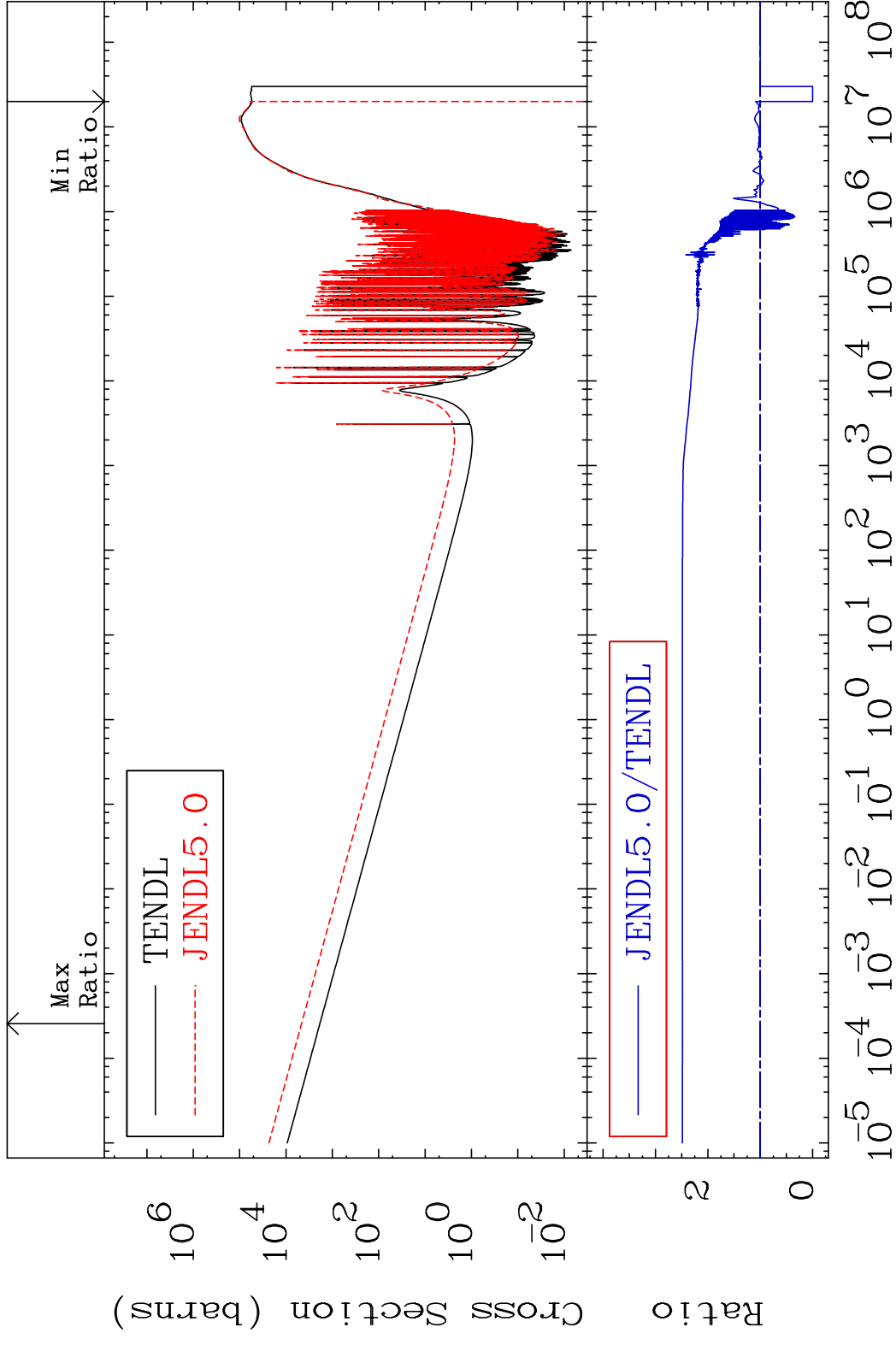
²⁶Fe-54

MAT 2625 Dpa inelastic (mt51-91) 26-Fe-54
 Cross Section -100.0 To 9999. %

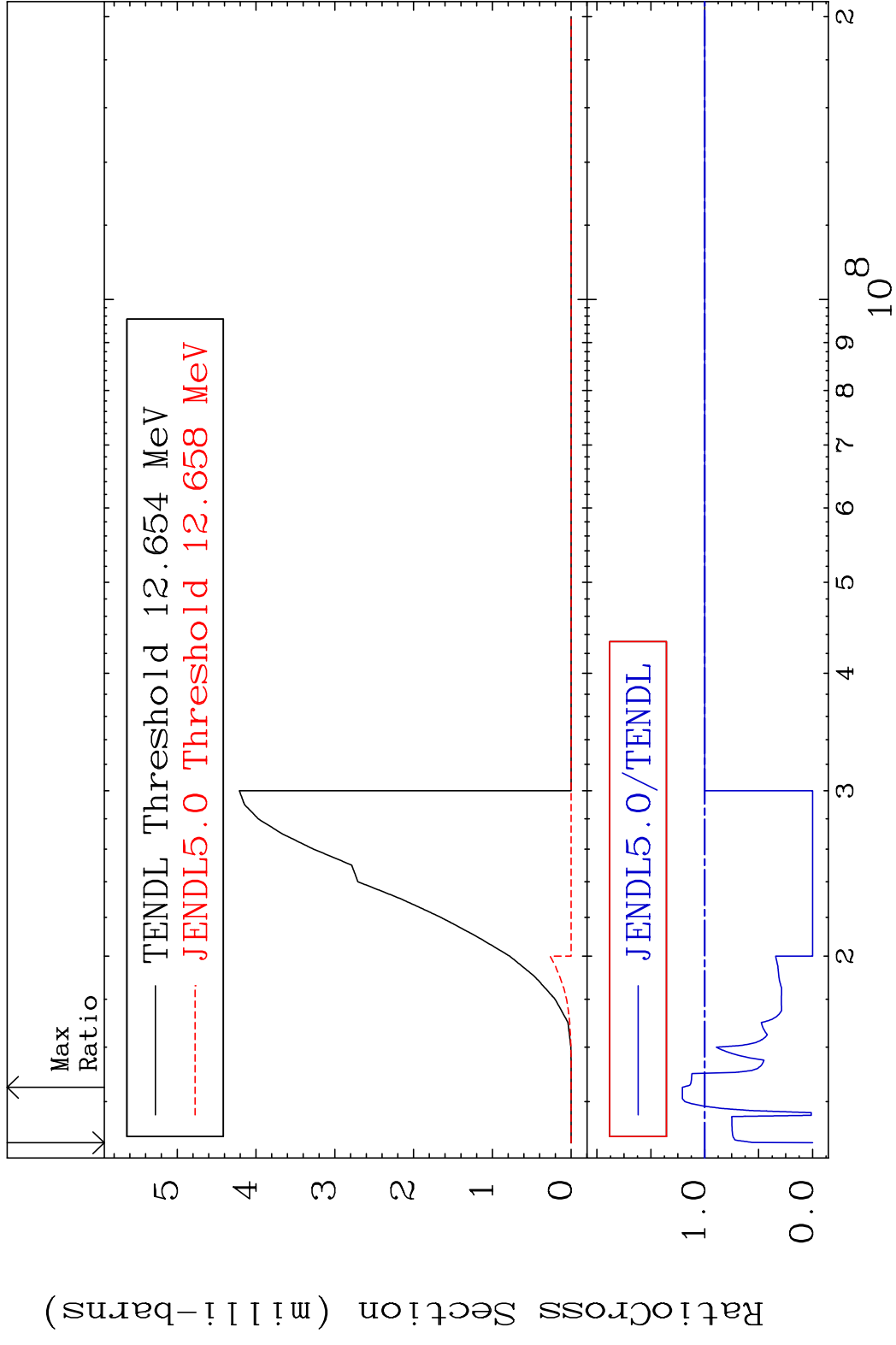


61 Incident Energy (eV) 26-Fe-54

MAT 2625 Dpa disappearance (mt102 -120) 26-Fe-54
 Cross Section -100.0 To 148.7 %



MAT 2625 (n, t):25-Mn-52g 26-Fe-54
 Radionuclide Production Cross Section Ratio 20.79 %



MAT 2625 (n,t):25-Mn-52m1 26-Fe-54
 Radionuclide Production Cross Section 180.0 dth 471.3 %

