

Program Complot
(Version 2021-1)

by

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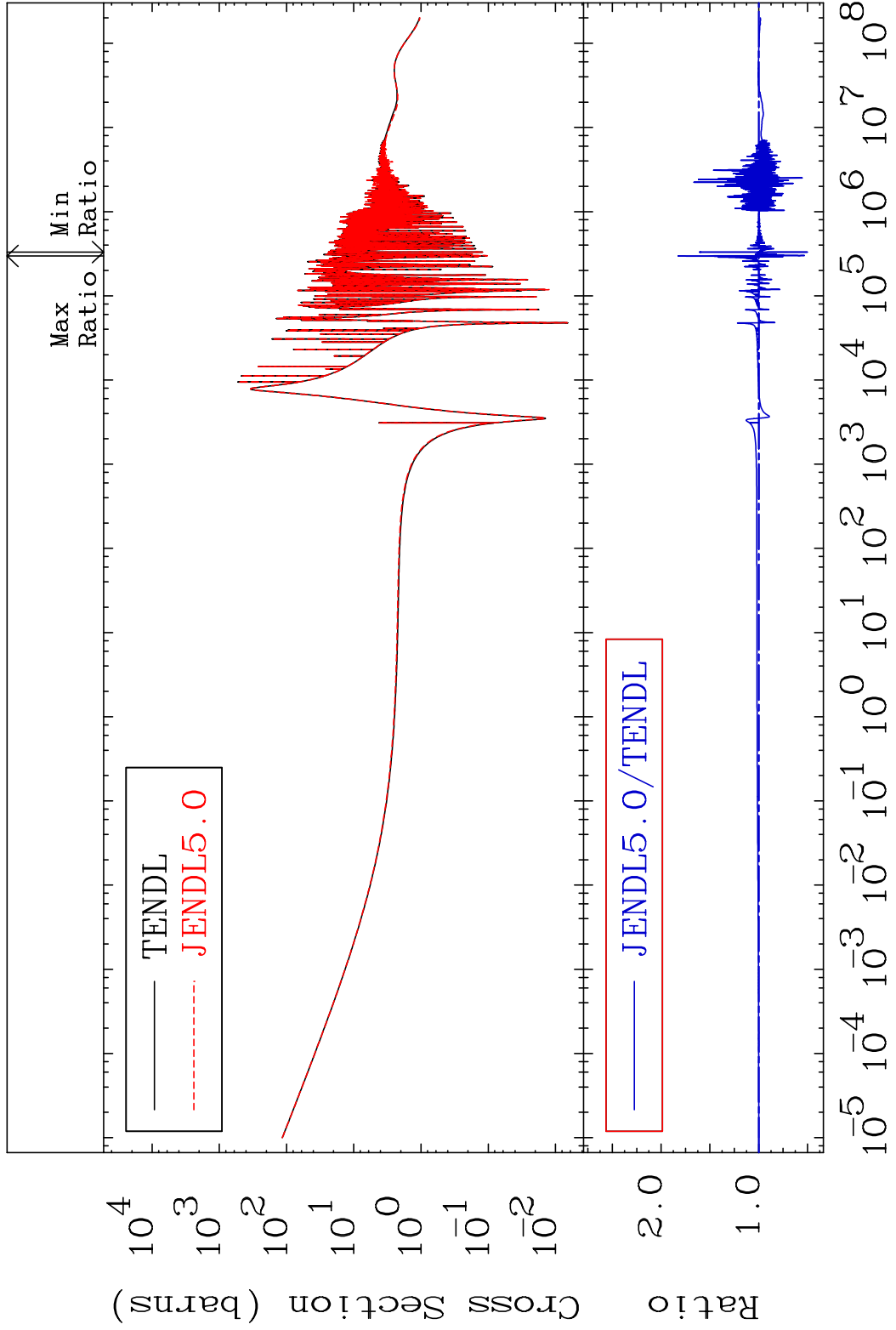
U.S.A.

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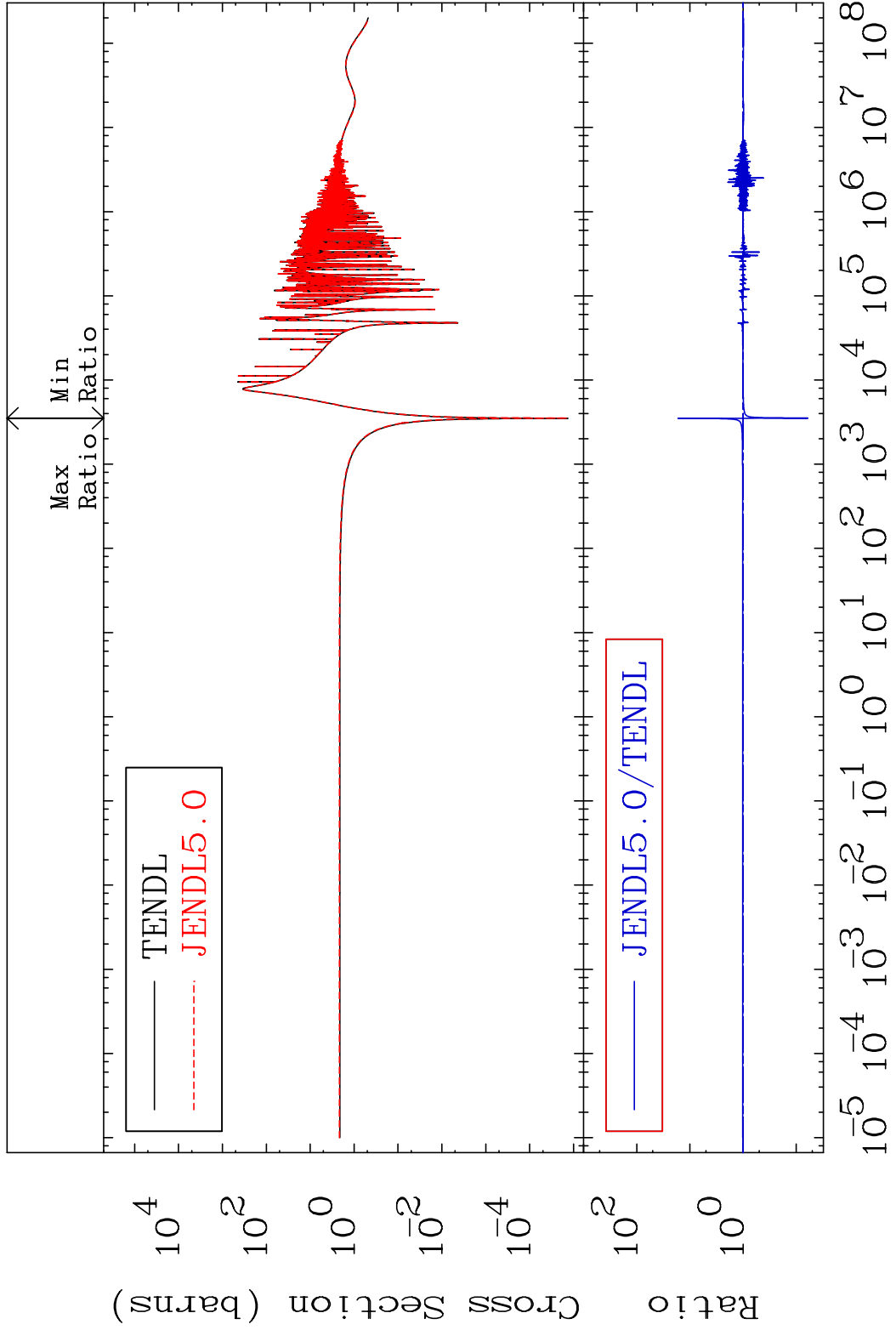
Press Mouse Button to Start

MAT 2625 Total 26-Fe-54
 Cross Section -50.18 To 82.43 %



1 Incident Energy (eV) 26-Fe-54

MAT 2625 Elastic Cross Section -93.90 To 1559. % 26-Fe-54



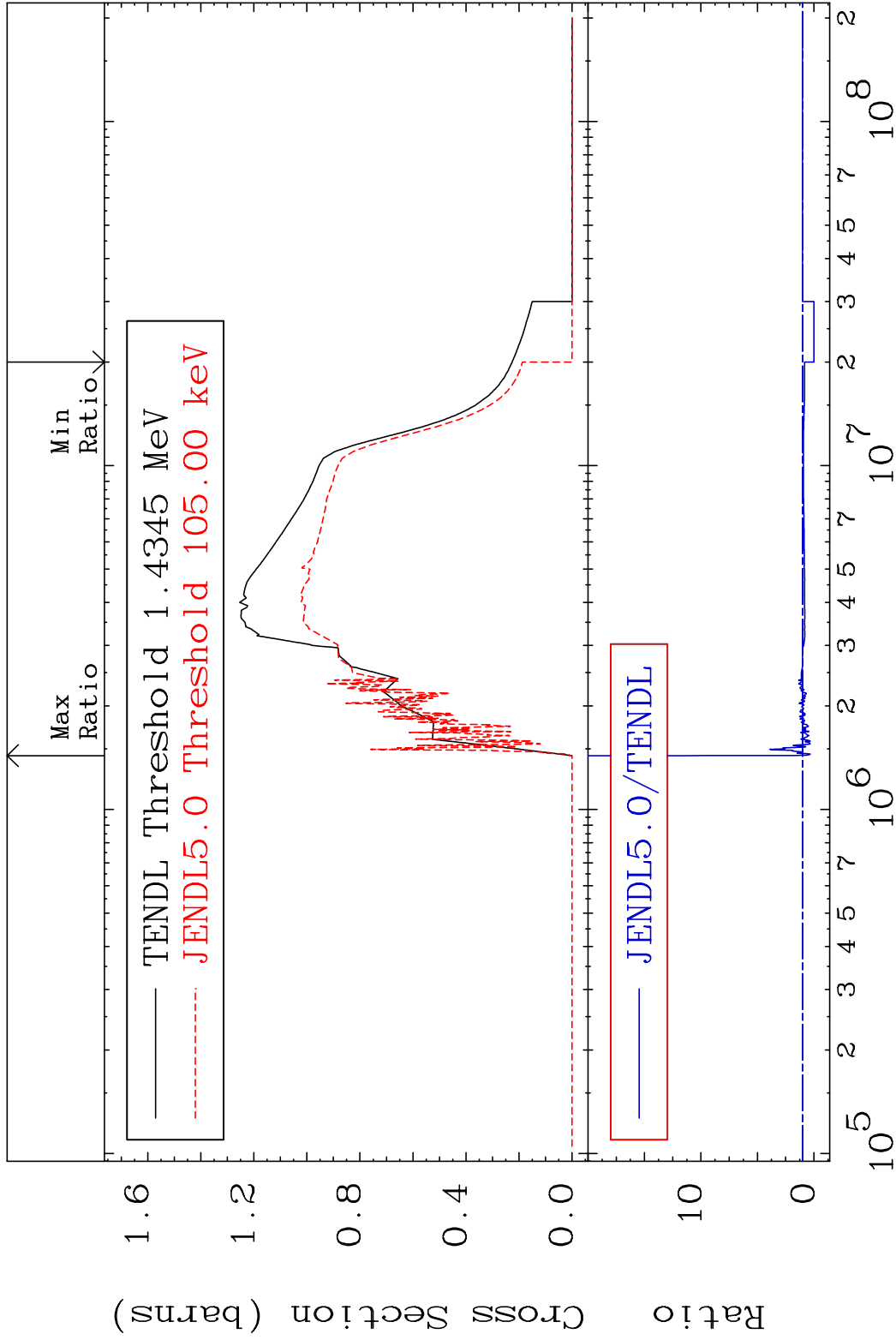
2 Incident Energy (eV) 26-Fe-54

MAT 2625

Inelastic

²⁶Fe-54

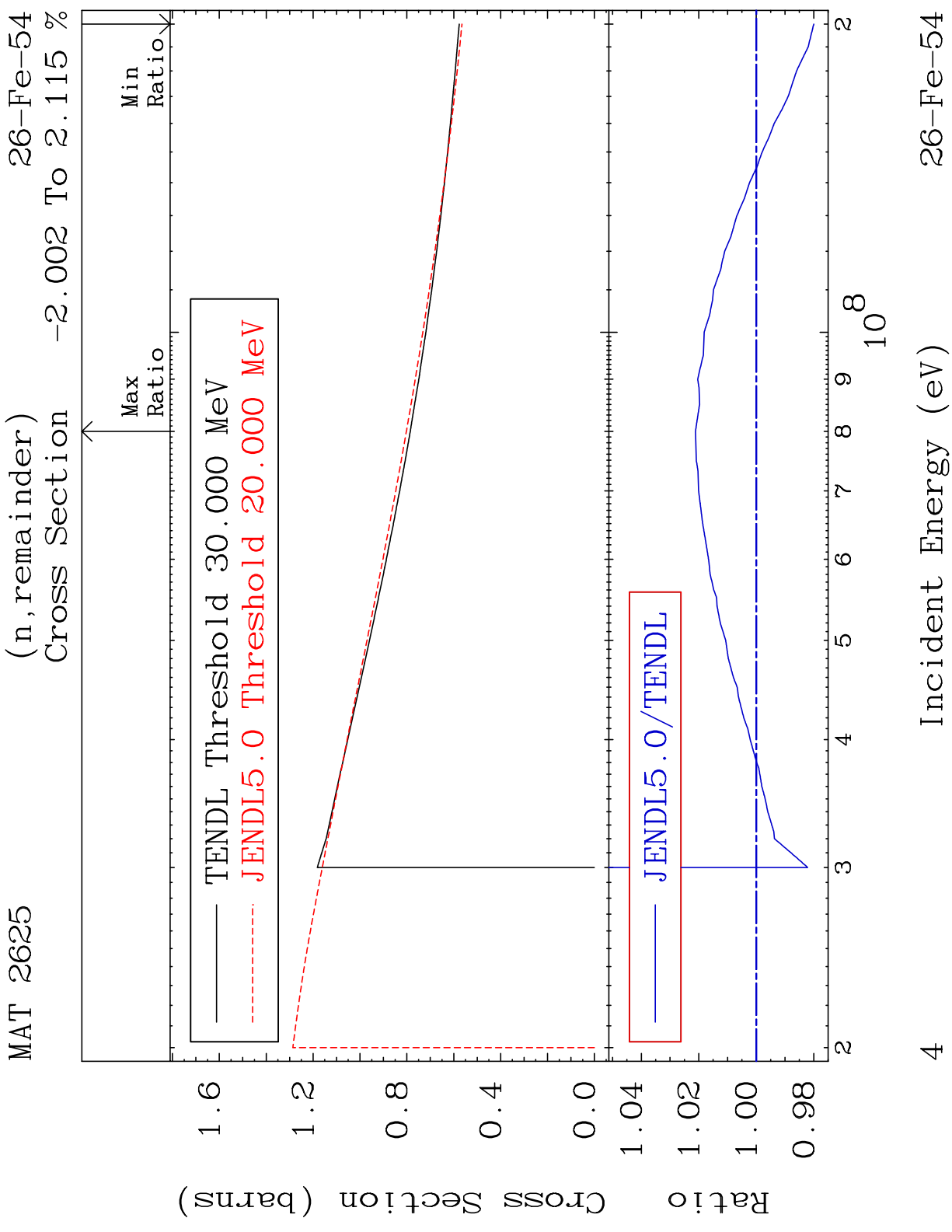
Cross Section -100.0 To 1055. %



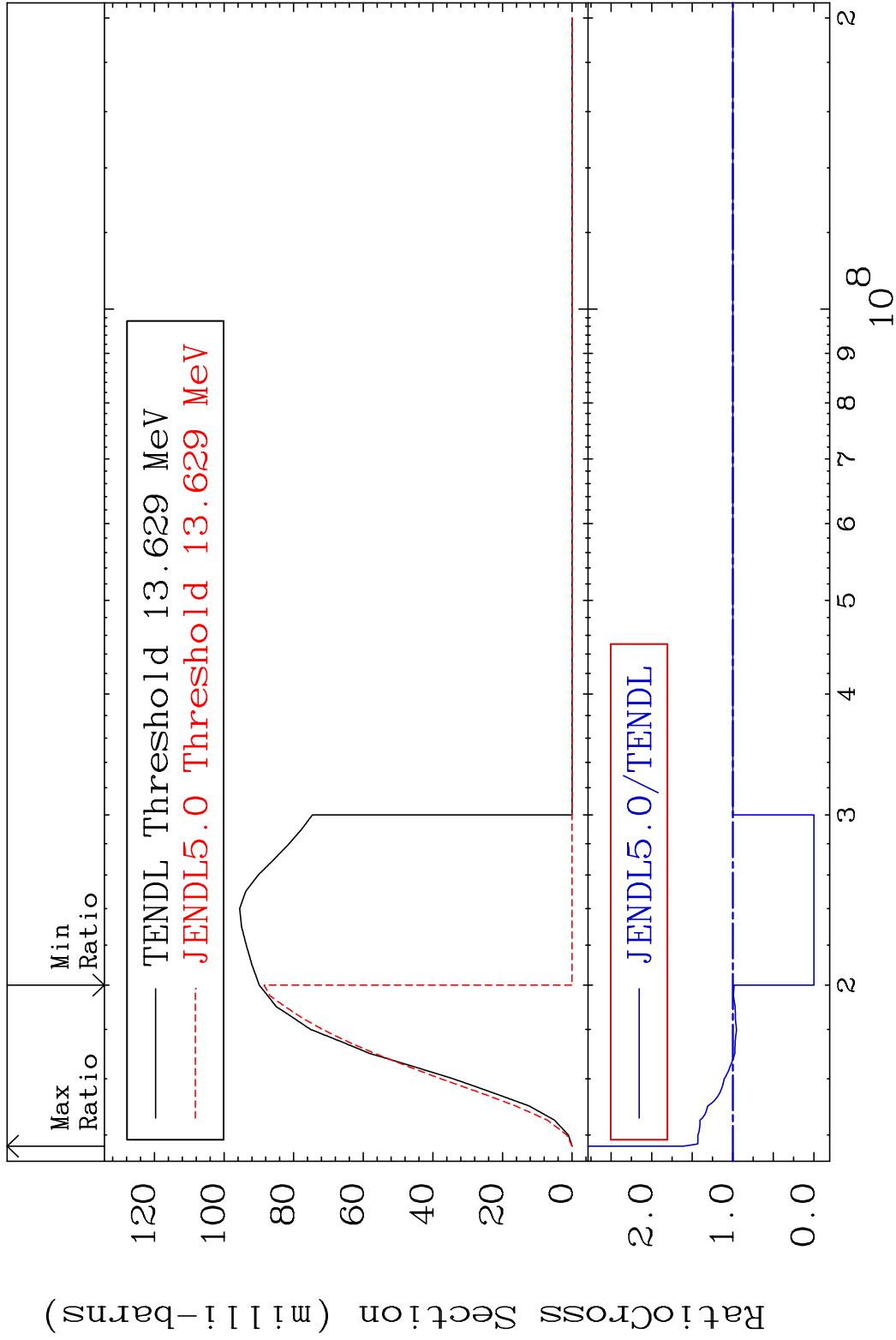
3

Incident Energy (eV)

²⁶Fe-54

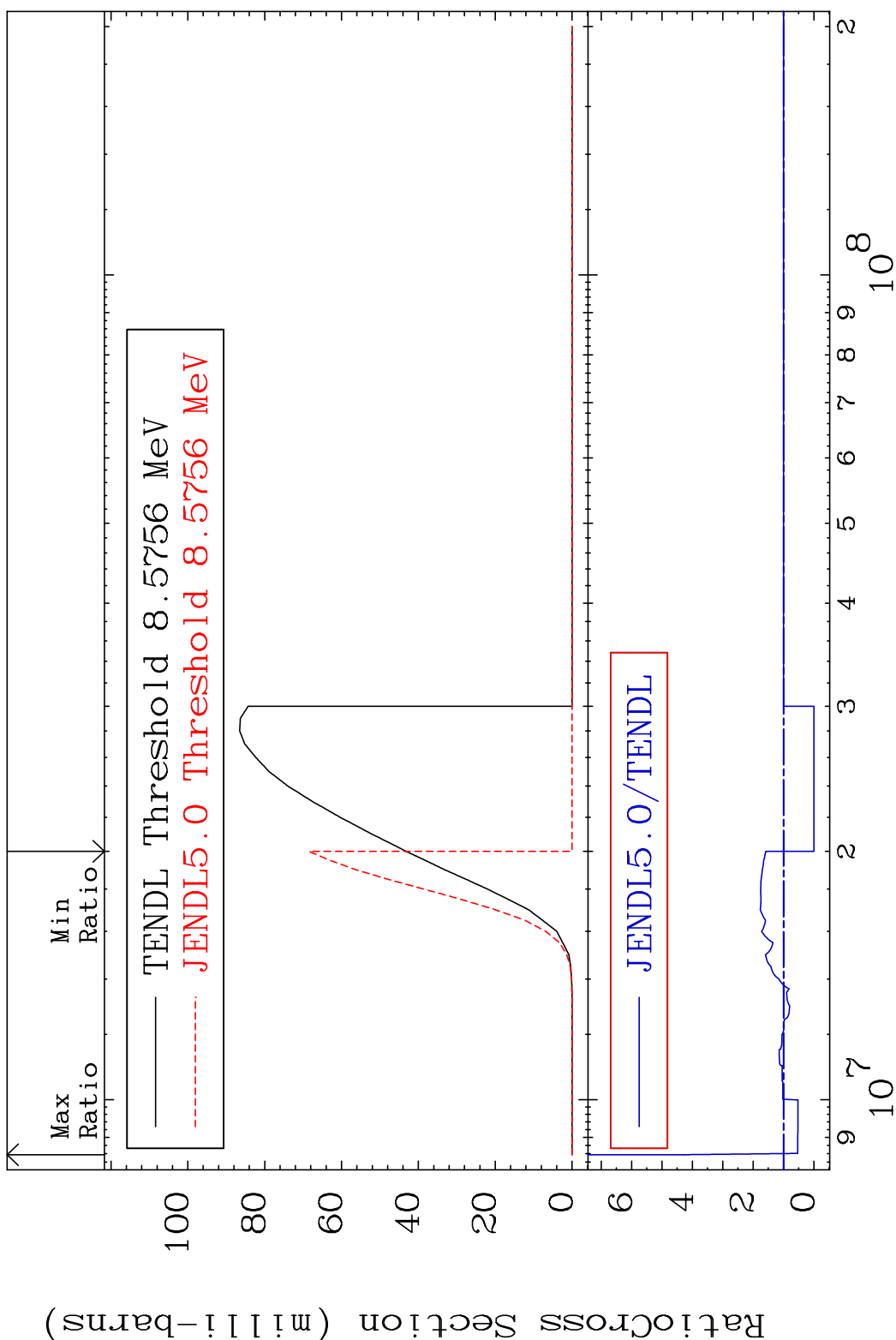


MAT 2625 (n,2n) 26-Fe-54
 Cross Section -100.0 To 60.84 %

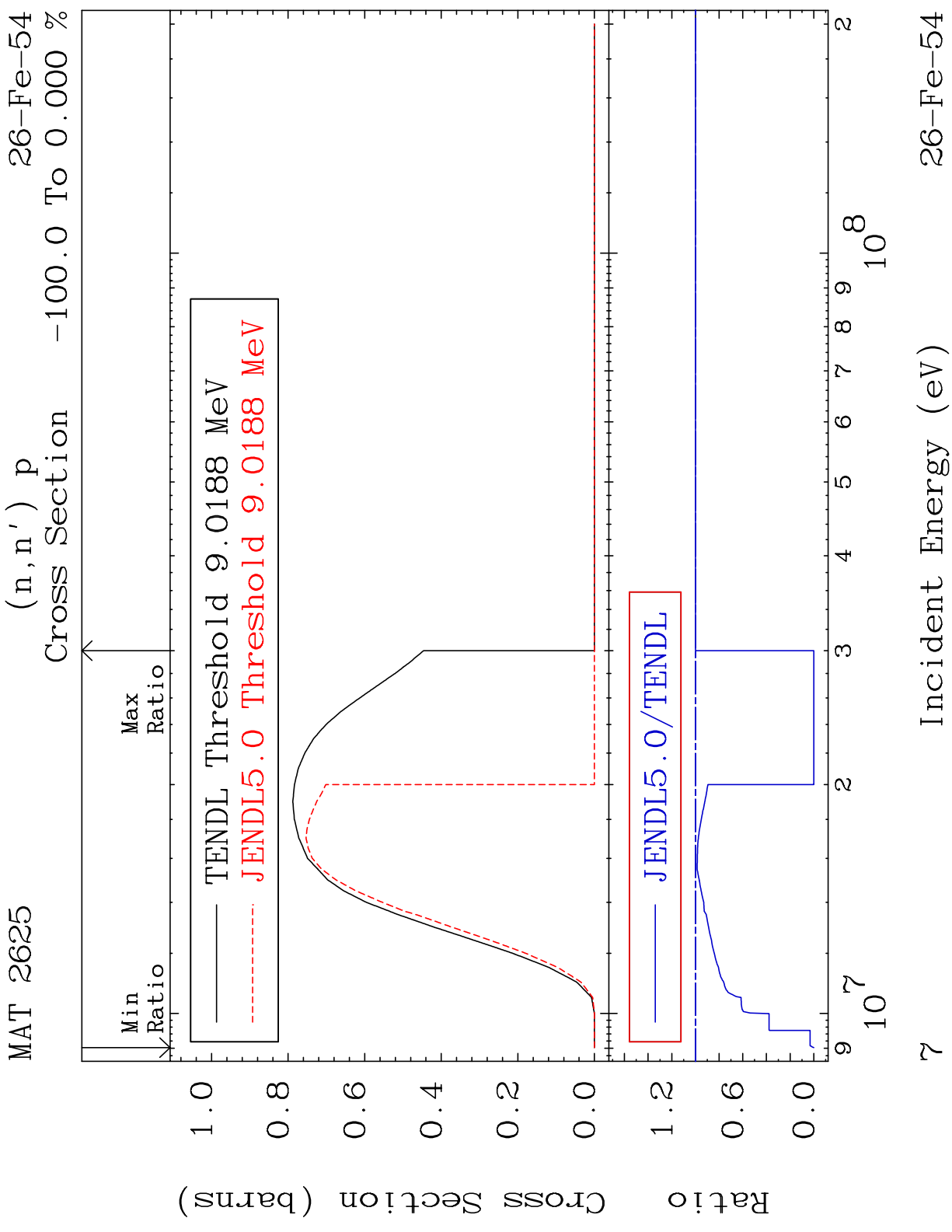


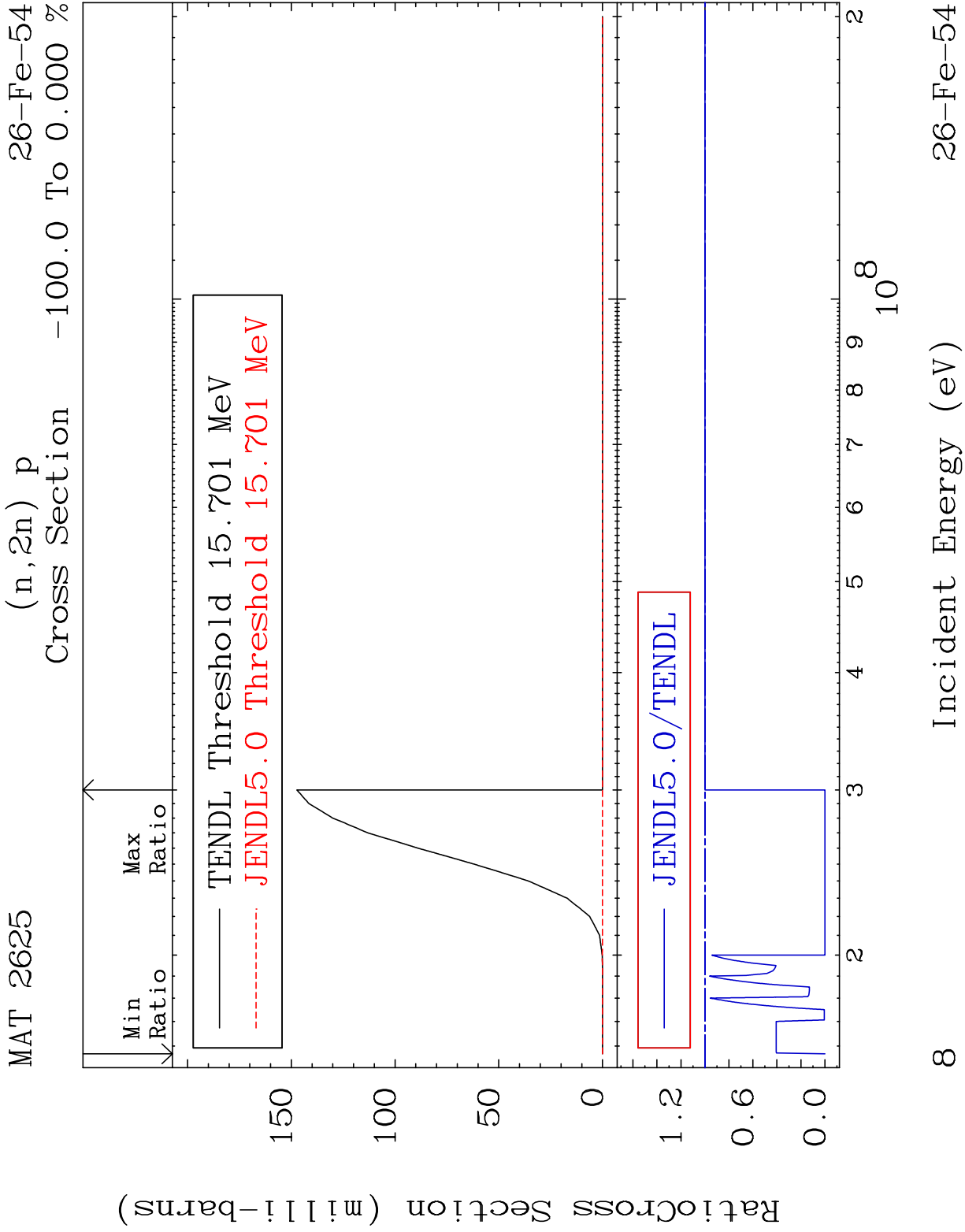
5 26-Fe-54

MAT 2625 (n, n') α 26-Fe-54
 Cross Section -100.0 To 329.3 %

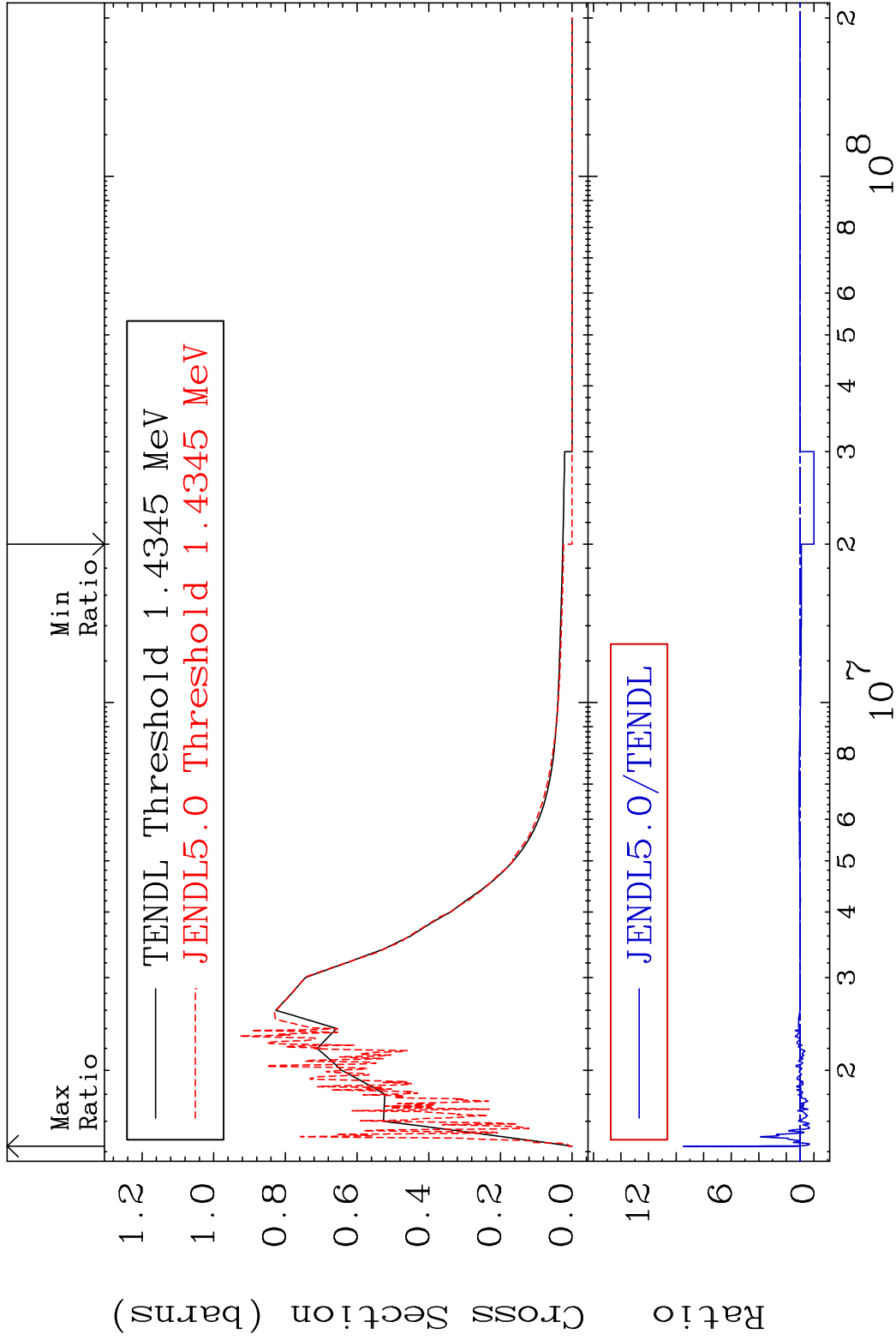


6 26-Fe-54

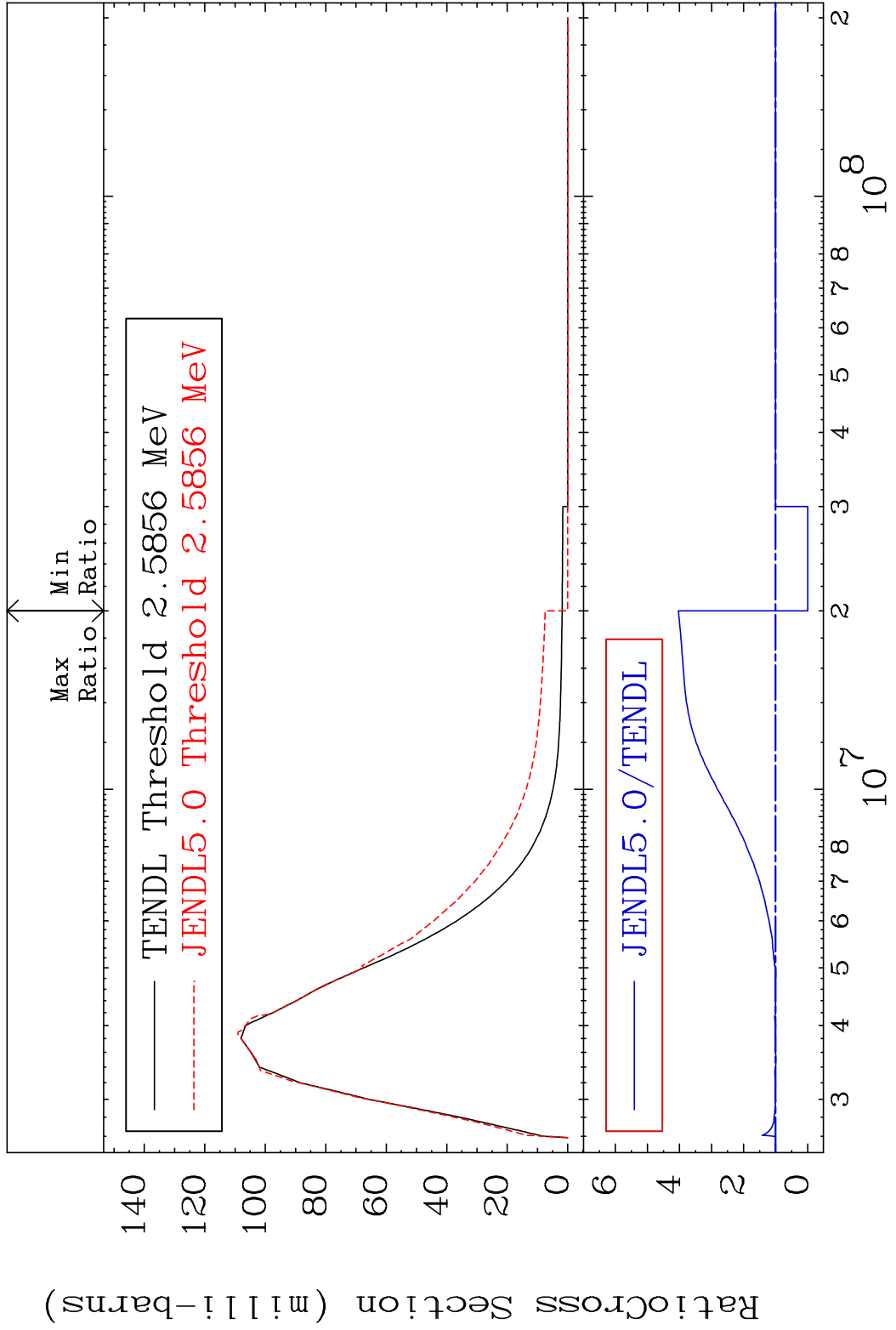




MAT 2625 MT= 51 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 846.7 %

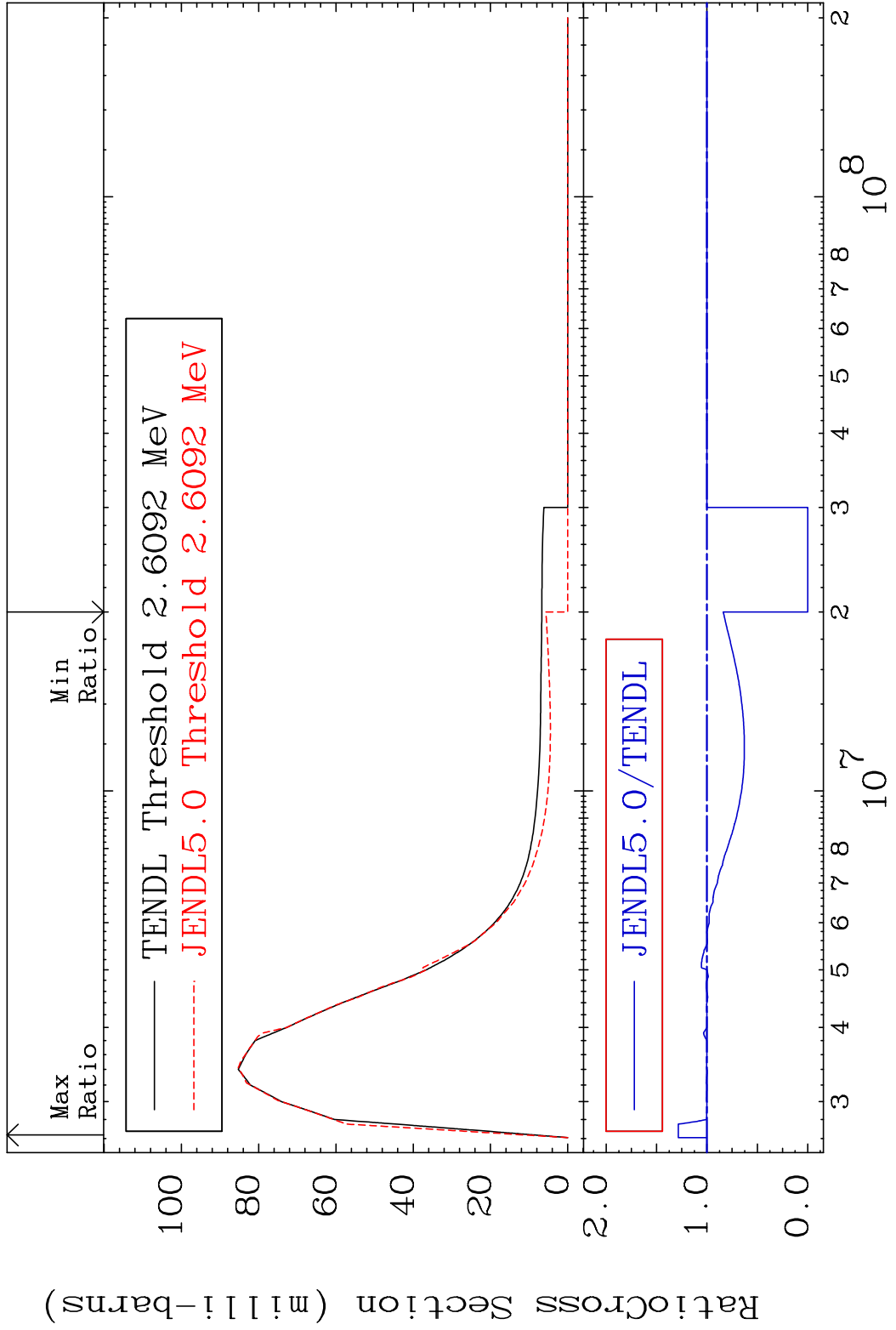


MAT 2625 MT= 52 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 303.8 %

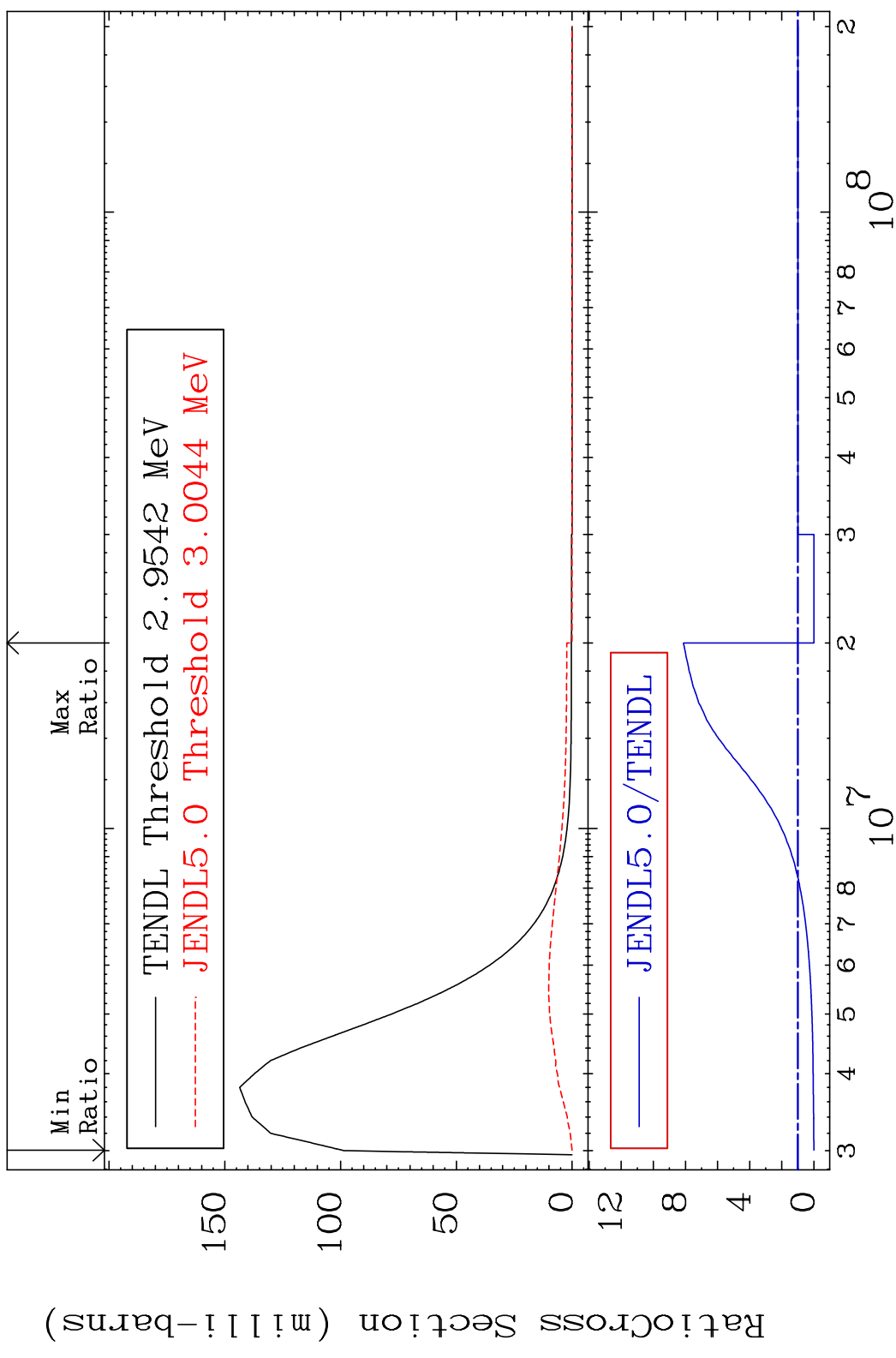


10 26-Fe-54

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

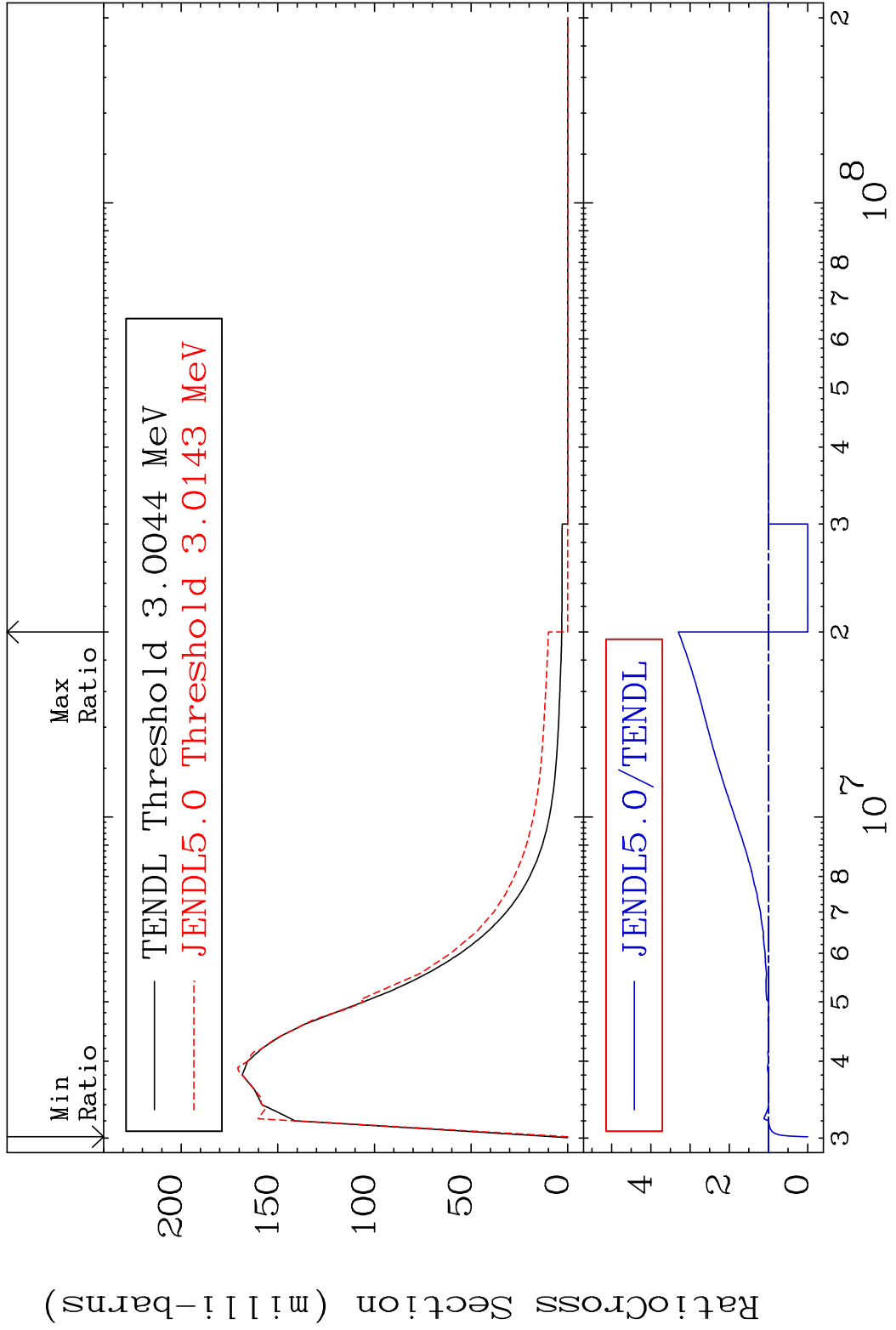


MAT 2625 MT= 54 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 712.4 %



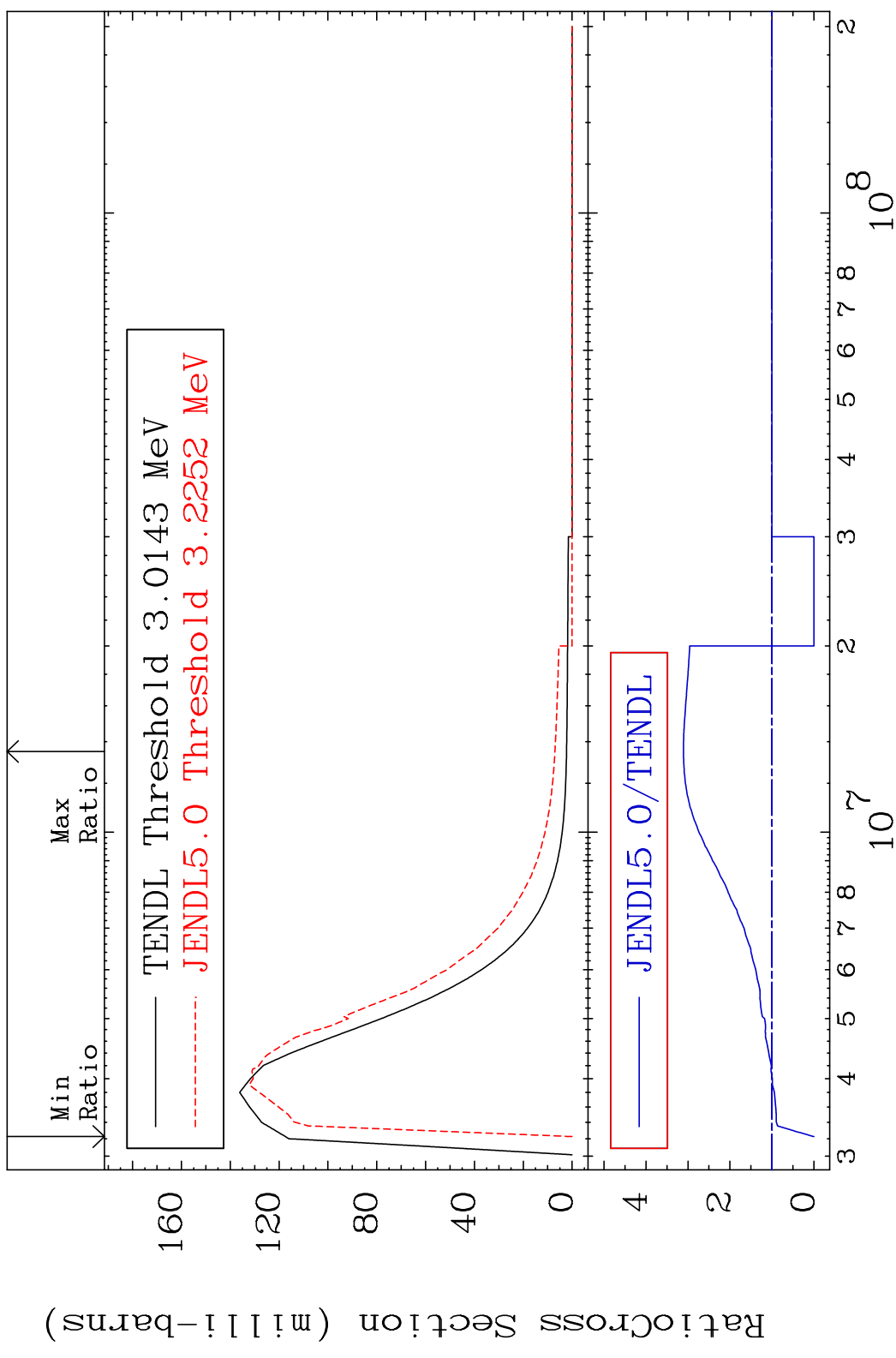
12 26-Fe-54

MAT 2625 MT= 55 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 230.0 %



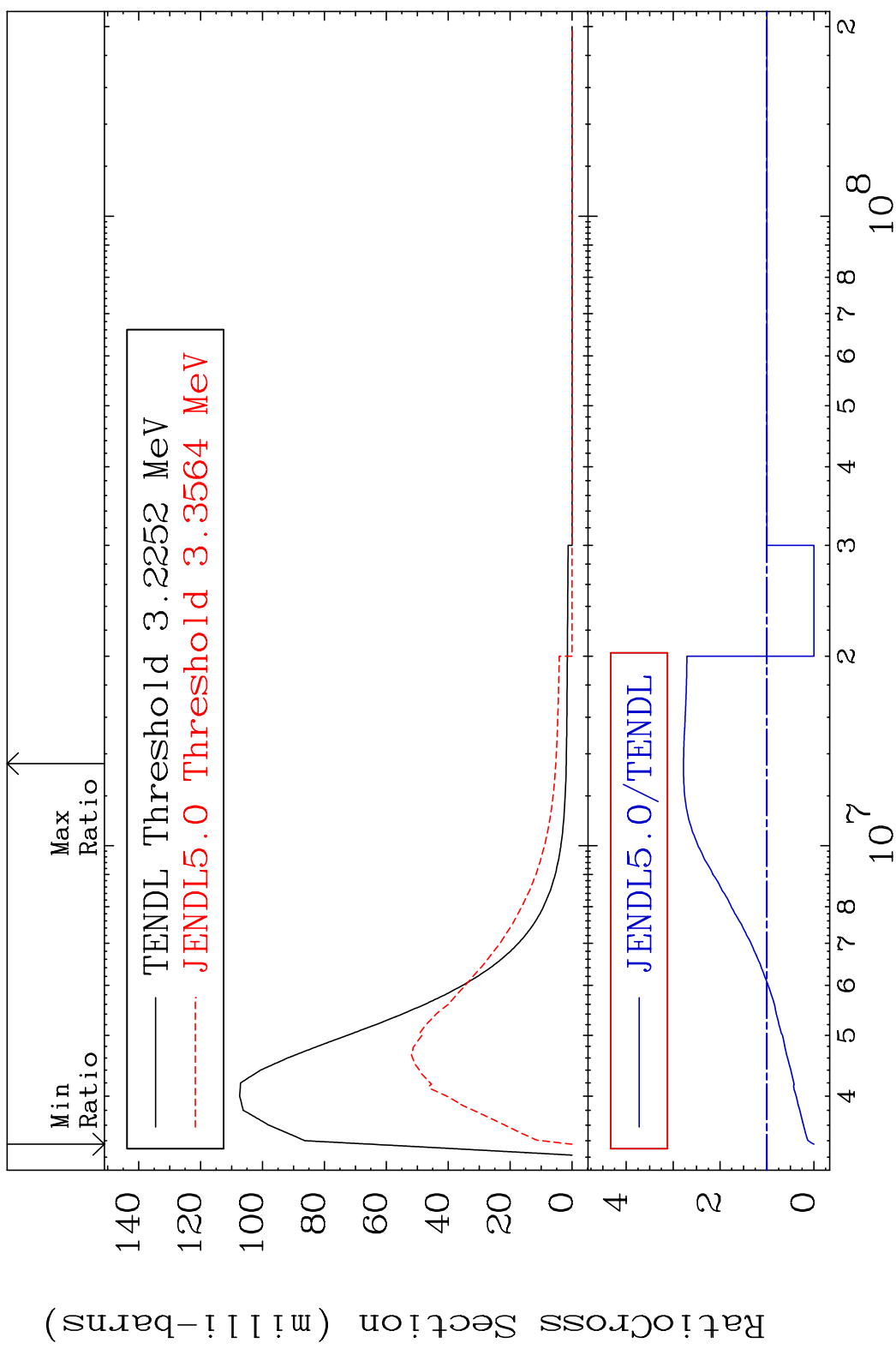
13 Incident Energy (eV) 26-Fe-54

MAT 2625 MT= 56 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 210.7 %



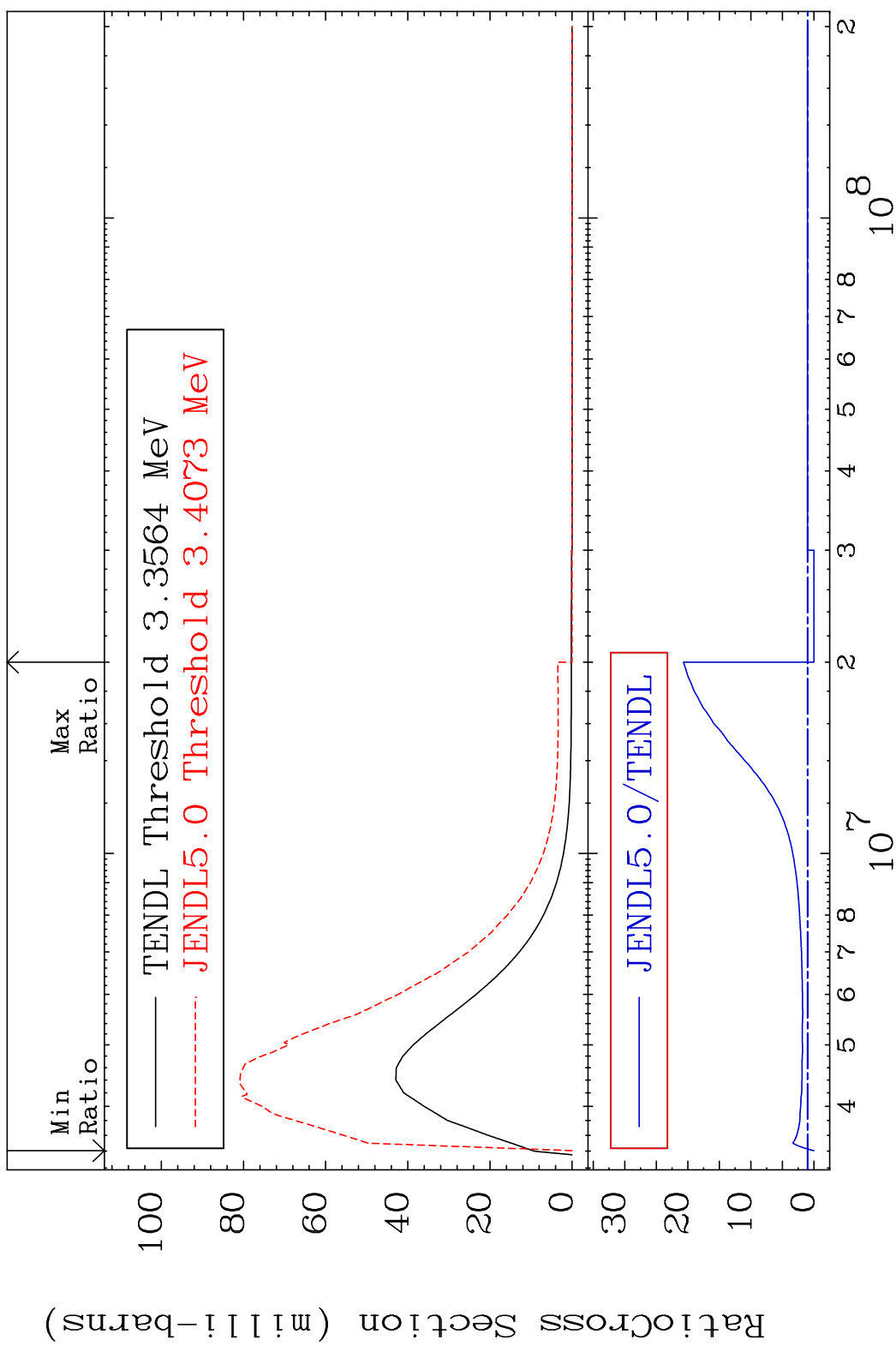
14 Incident Energy (eV) 26-Fe-54

MAT 2625 MT= 57 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 178.0 %



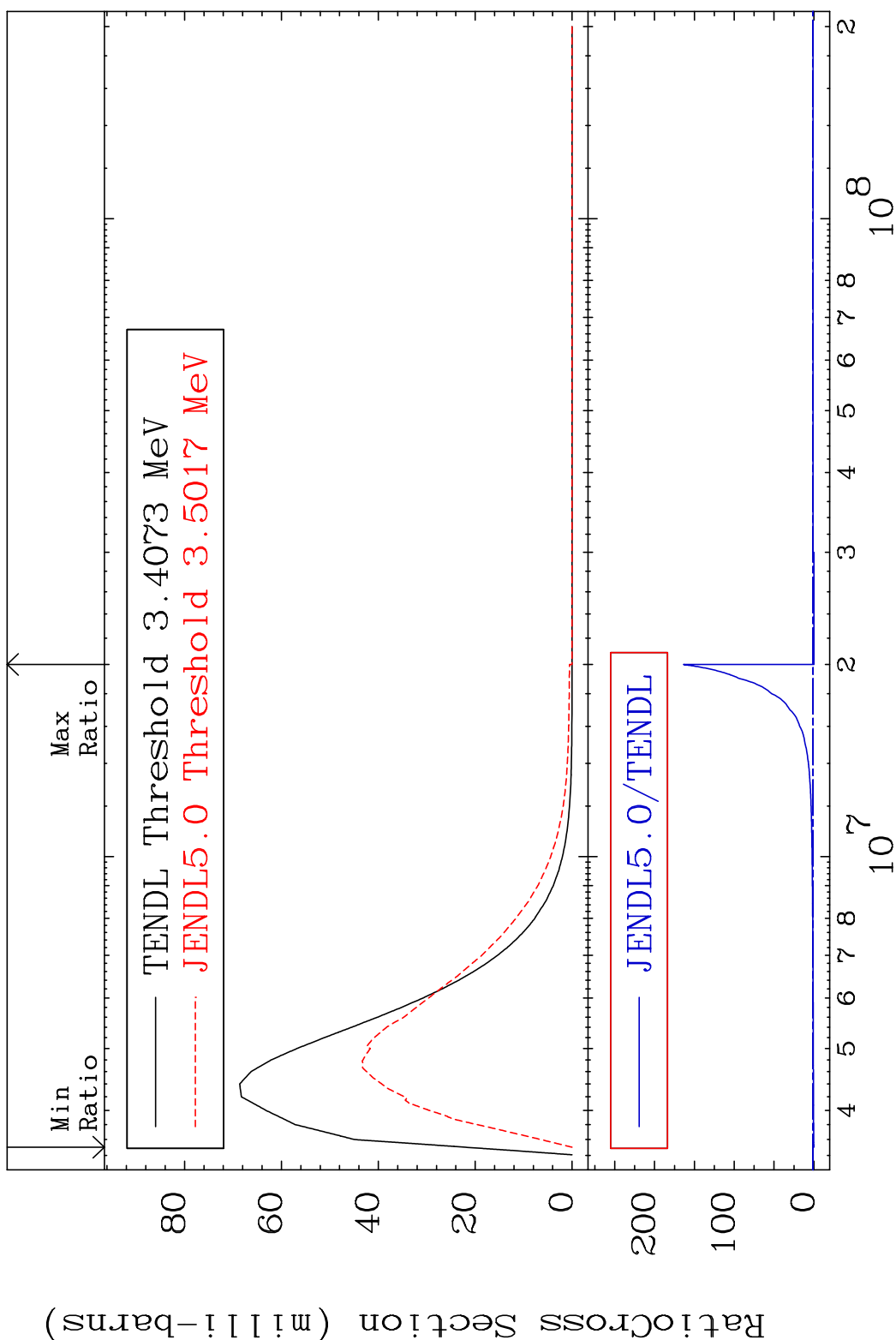
15 Incident Energy (eV) 26-Fe-54

MAT 2625 MT= 58 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 1969. %



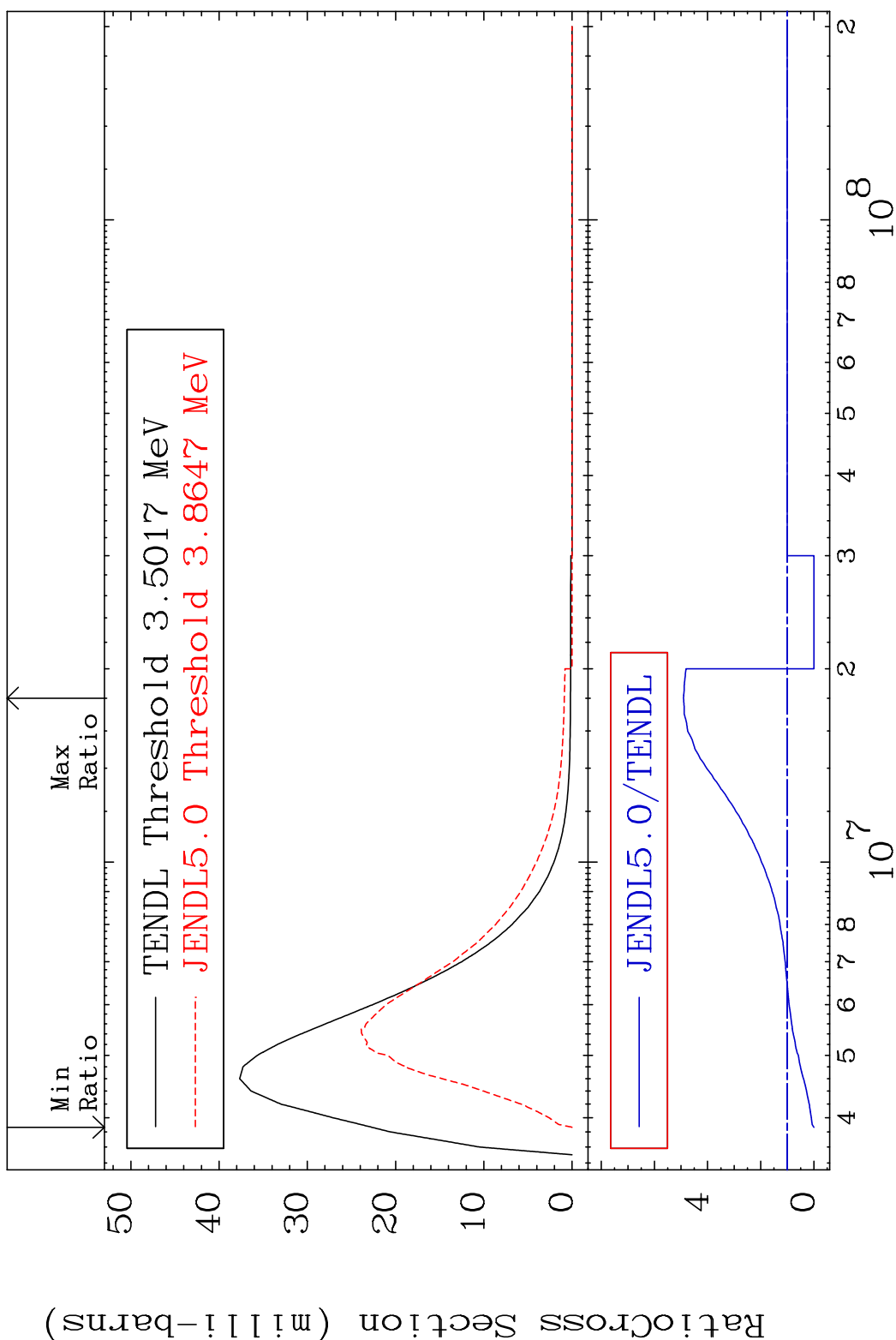
16 Incident Energy (eV) 26-Fe-54

MAT 2625 MT= 59 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 9999. %



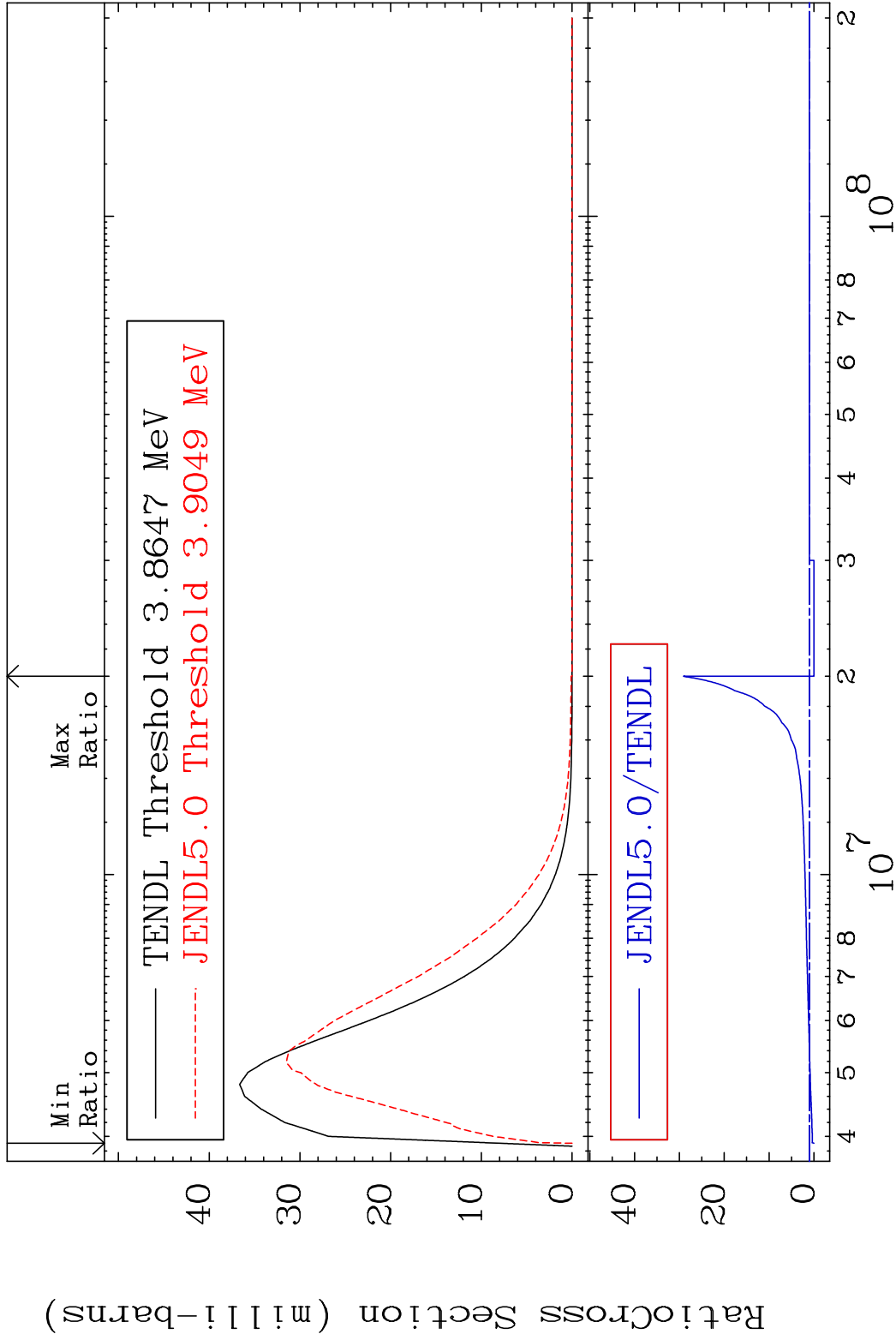
17 26-Fe-54

MAT 2625 MT= 60 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 390.8 %



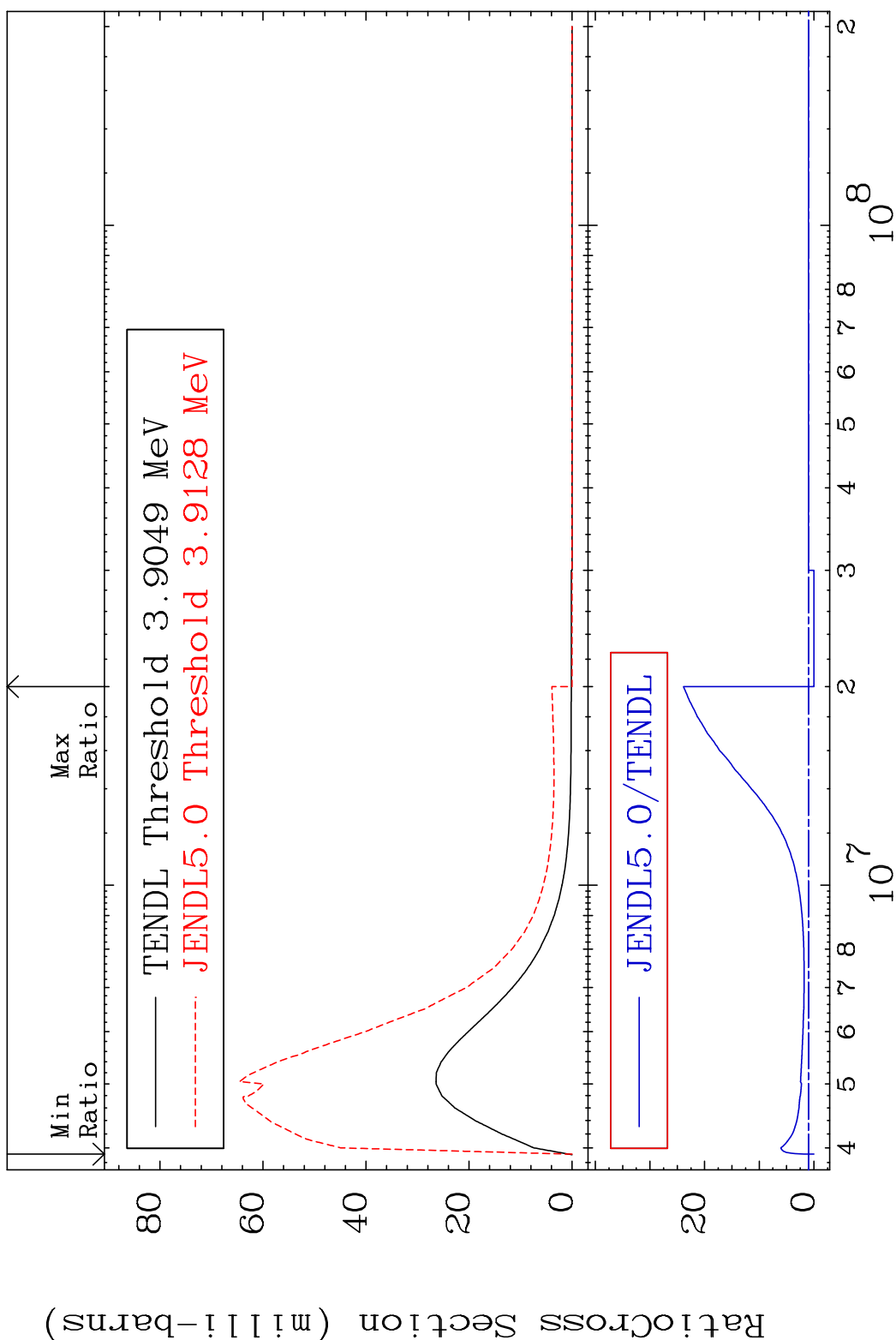
18 Incident Energy (eV) 26-Fe-54

MAT 2625 MT= 61 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 2809. %



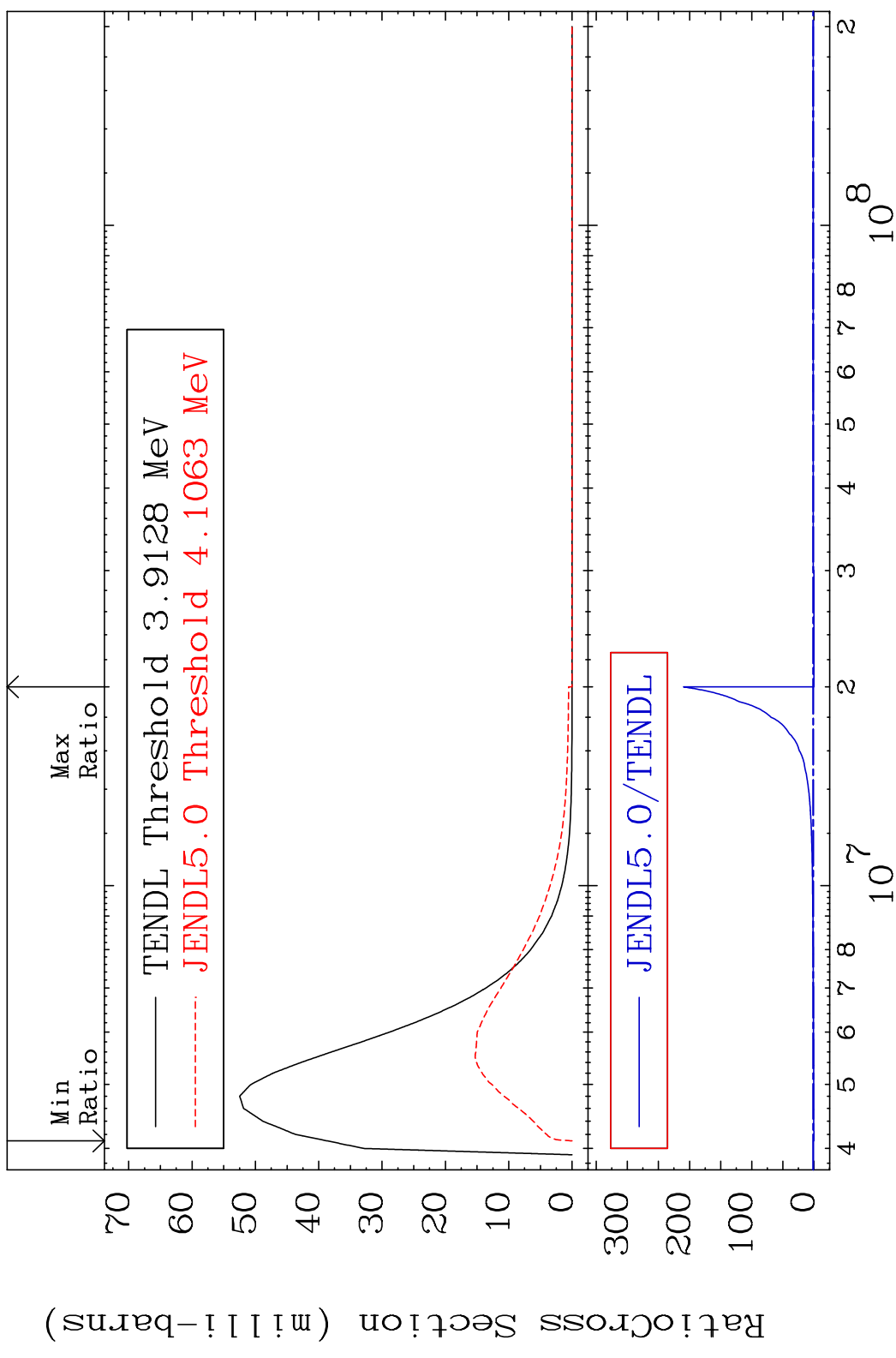
19 Incident Energy (eV) 26-Fe-54

MAT 2625 MT= 62 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 2287. %

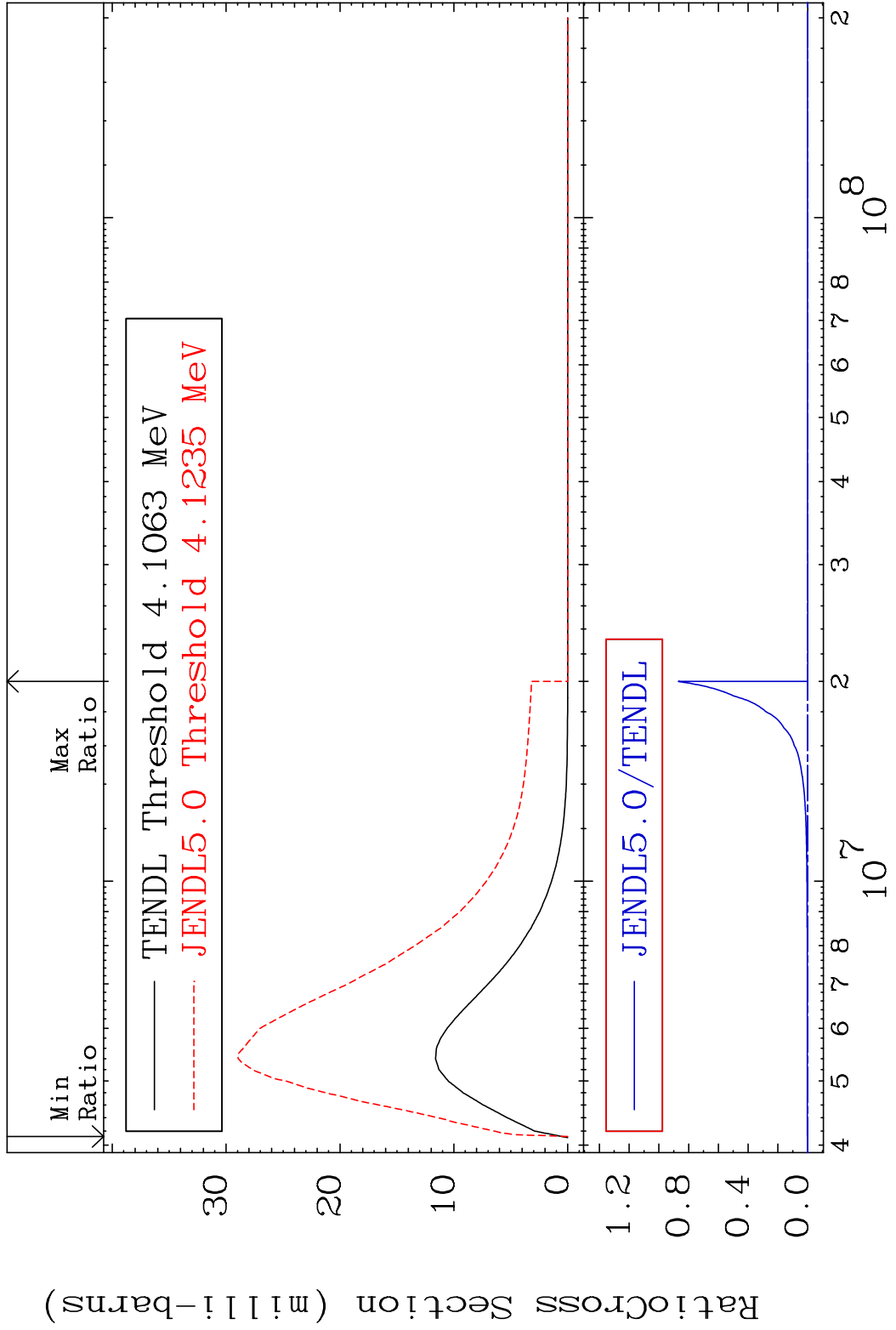


20 26-Fe-54

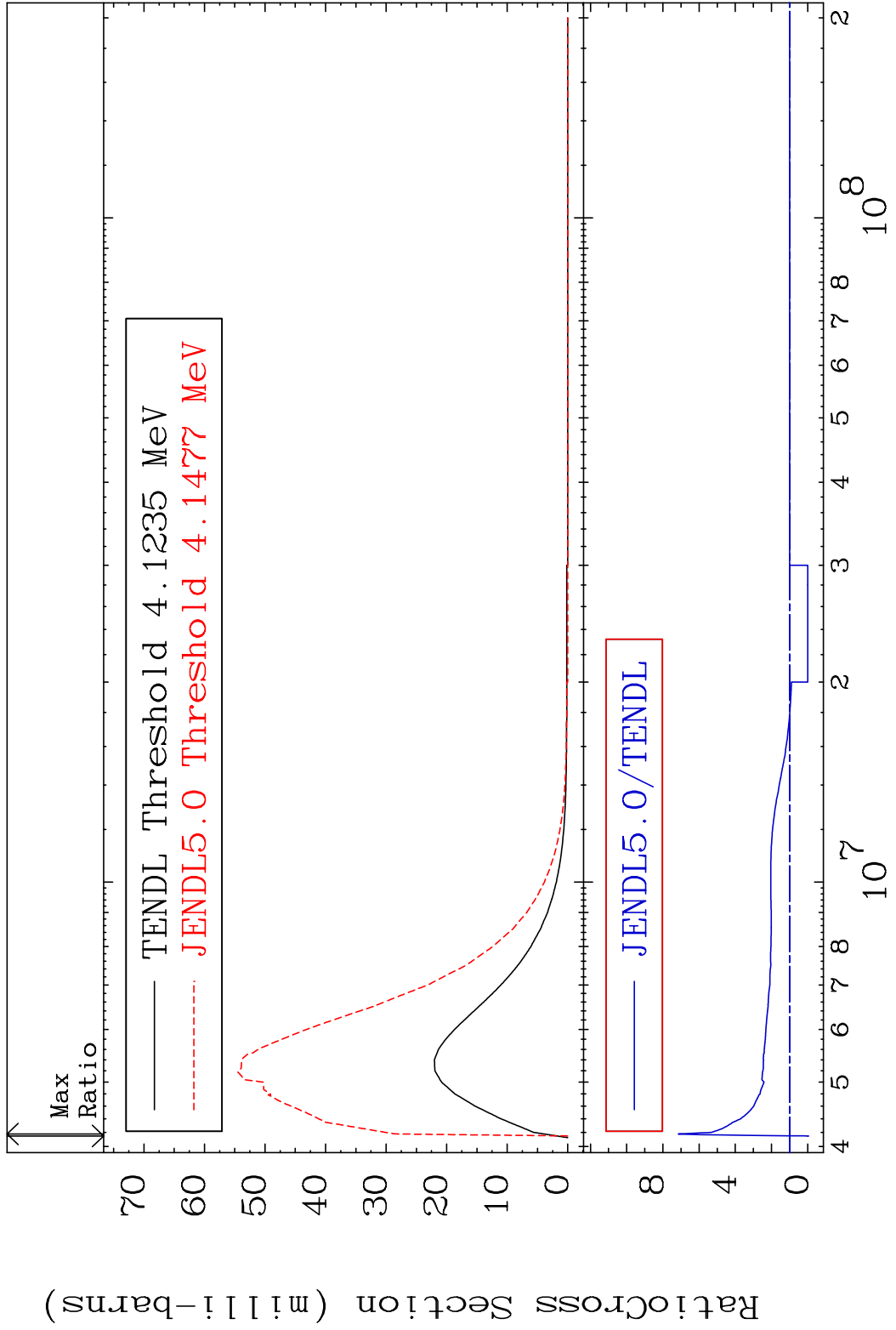
MAT 2625 MT= 63 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 9999. %

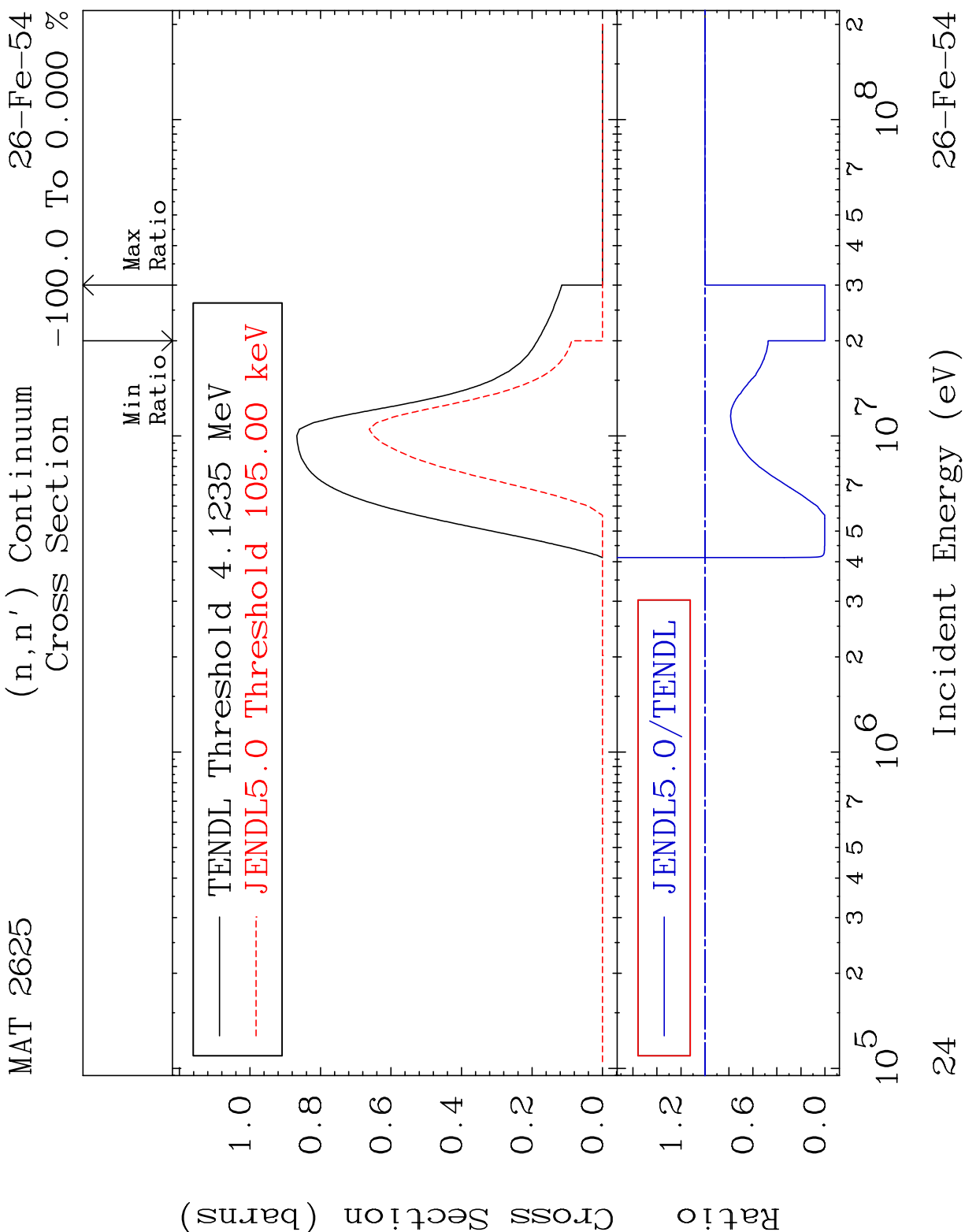


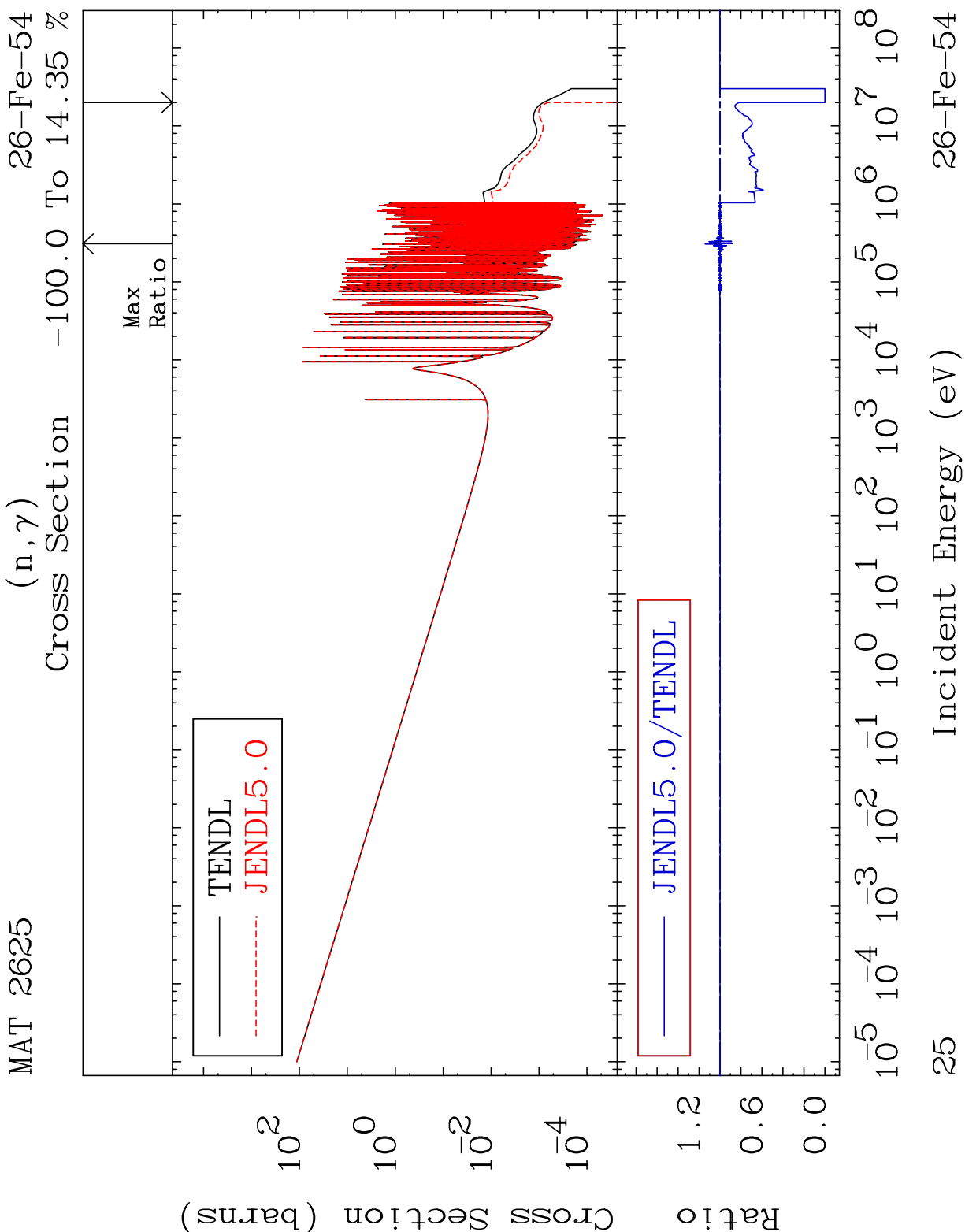
MAT 2625 MT= 64 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 9999. %



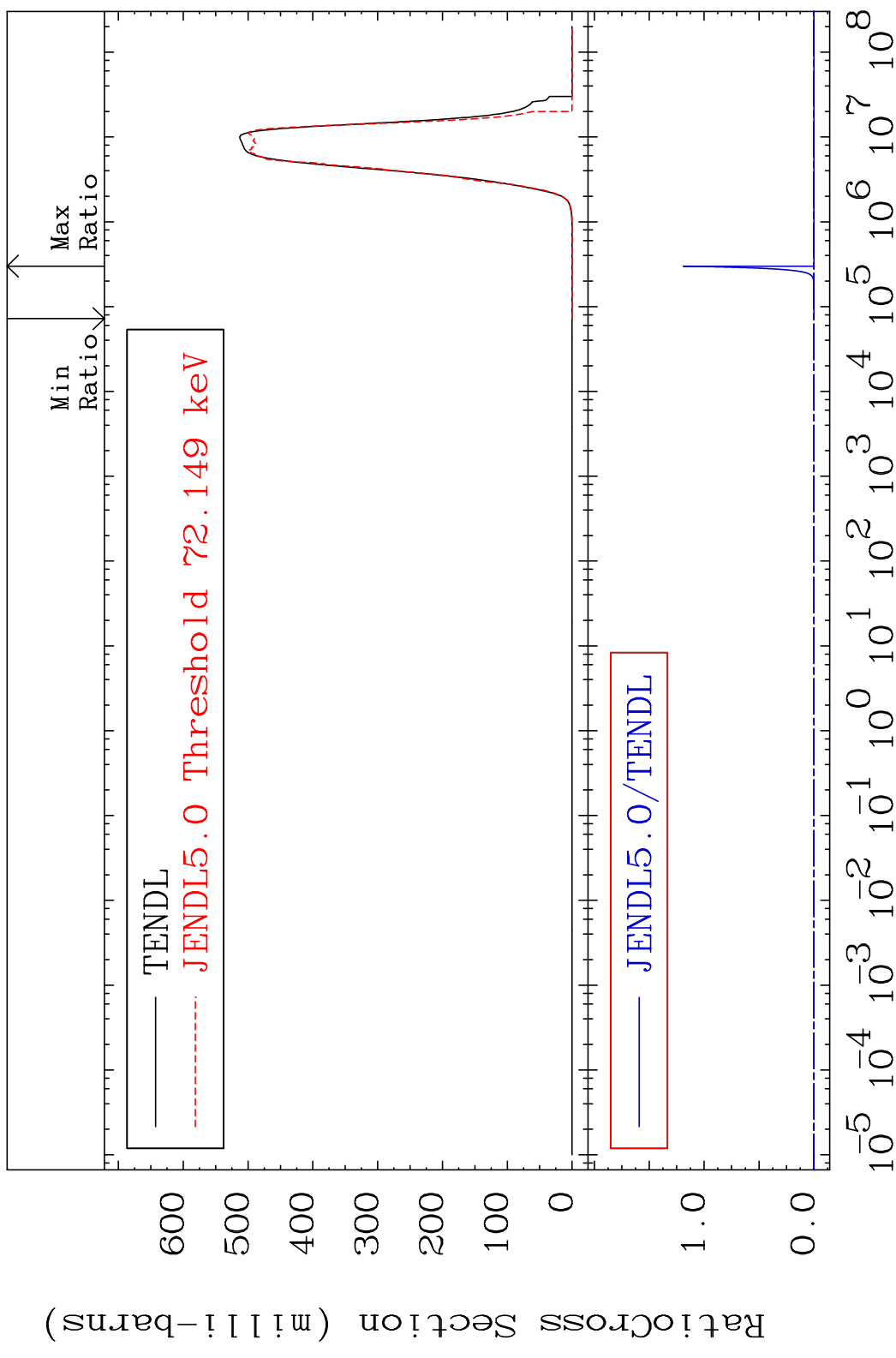
MAT 2625 MT= 65 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 615.0 %





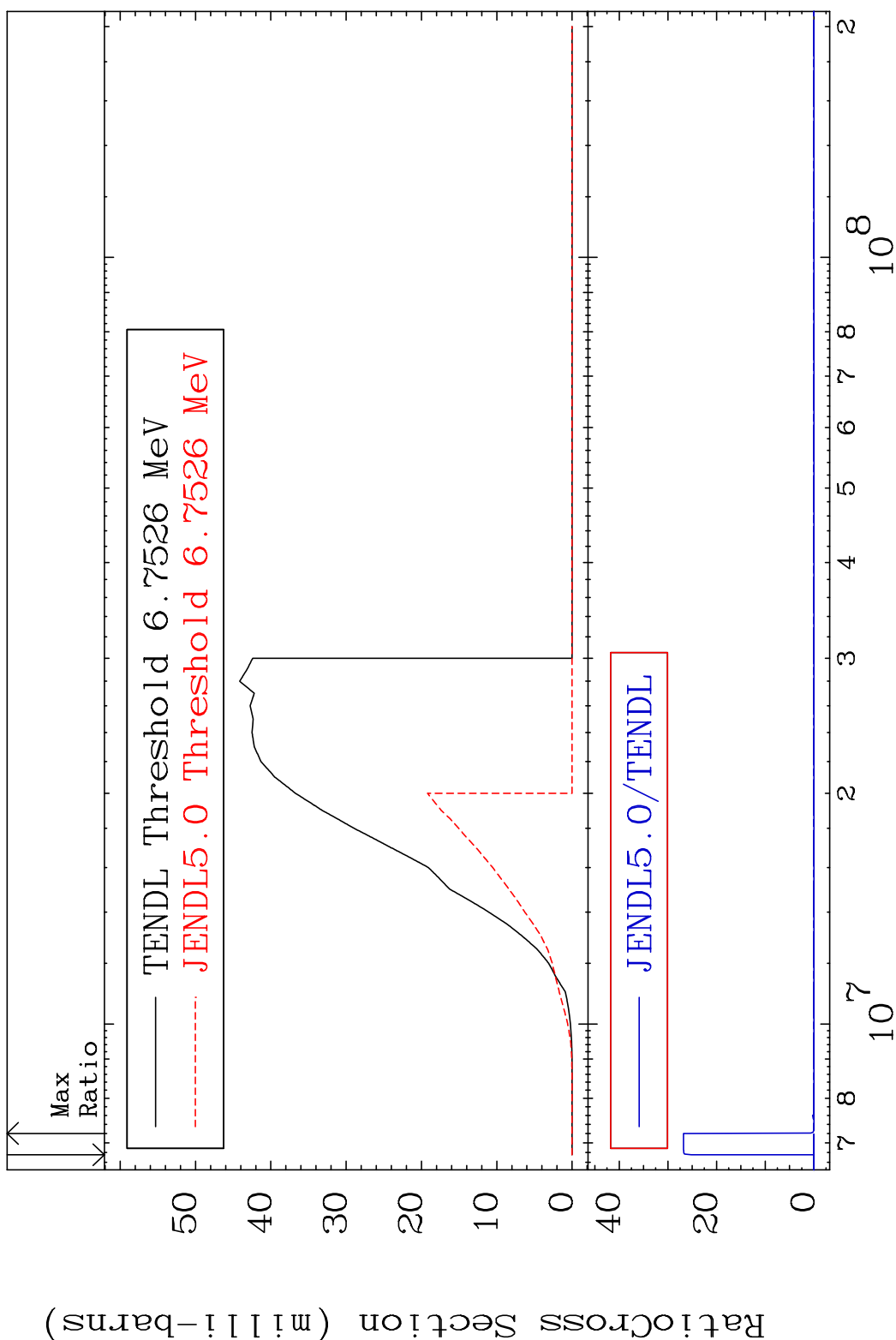


MAT 2625 (n,p) 26-Fe-54
Cross Section -100.0 To 9999. %

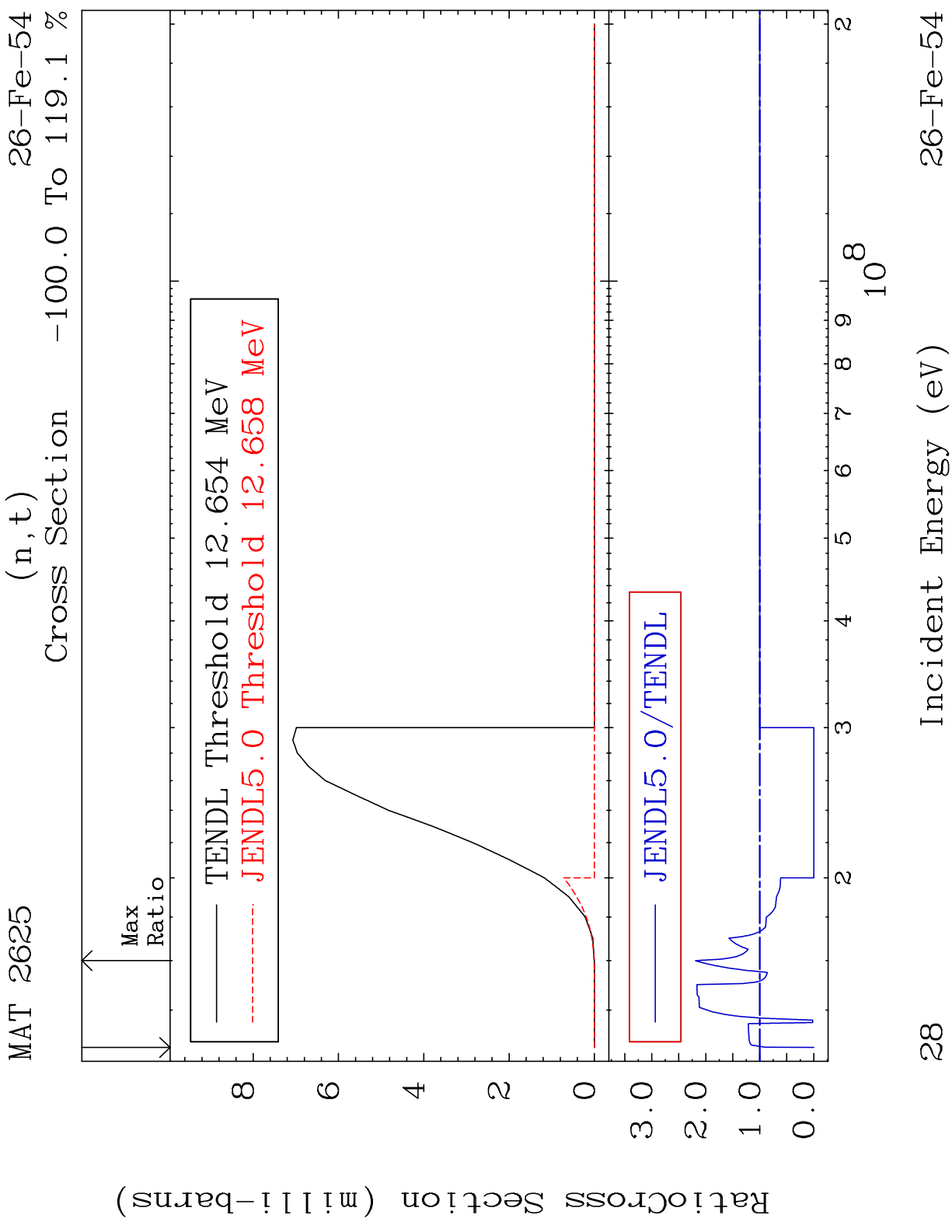


26 Incident Energy (eV) 26-Fe-54

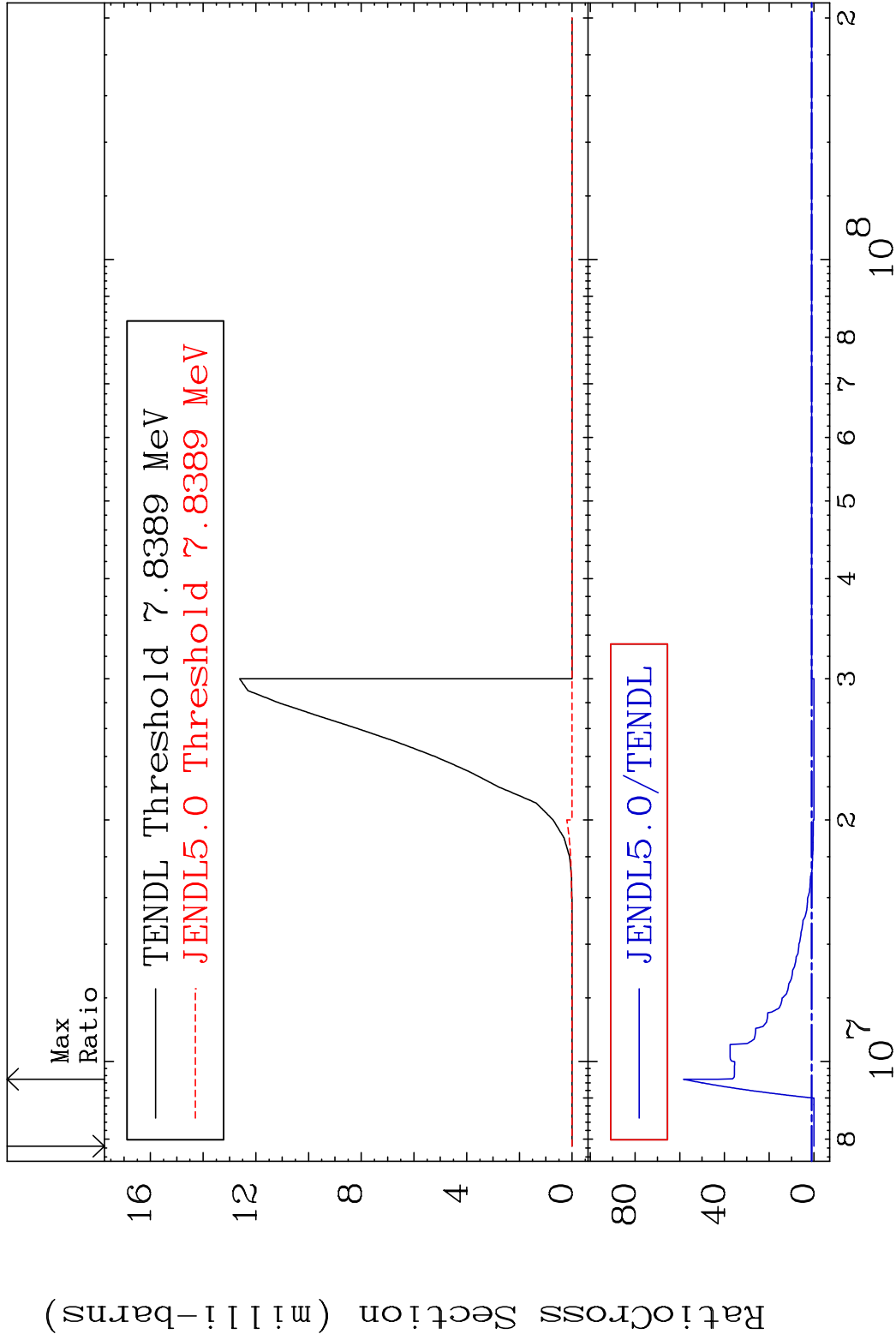
MAT 2625 (n, d) ²⁶Fe-54
 Cross Section -100.0 To 9999. %



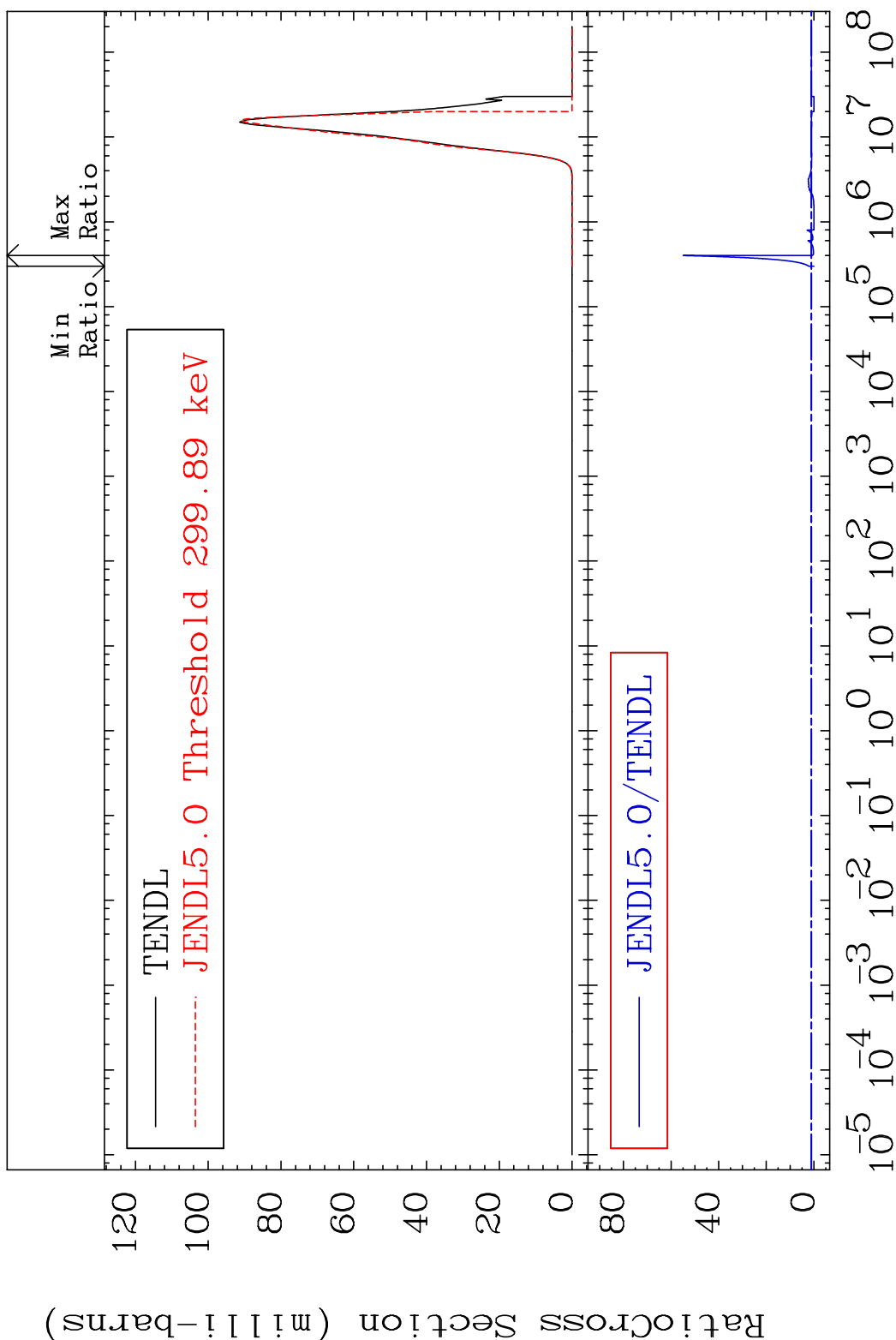
27 ²⁶Fe-54



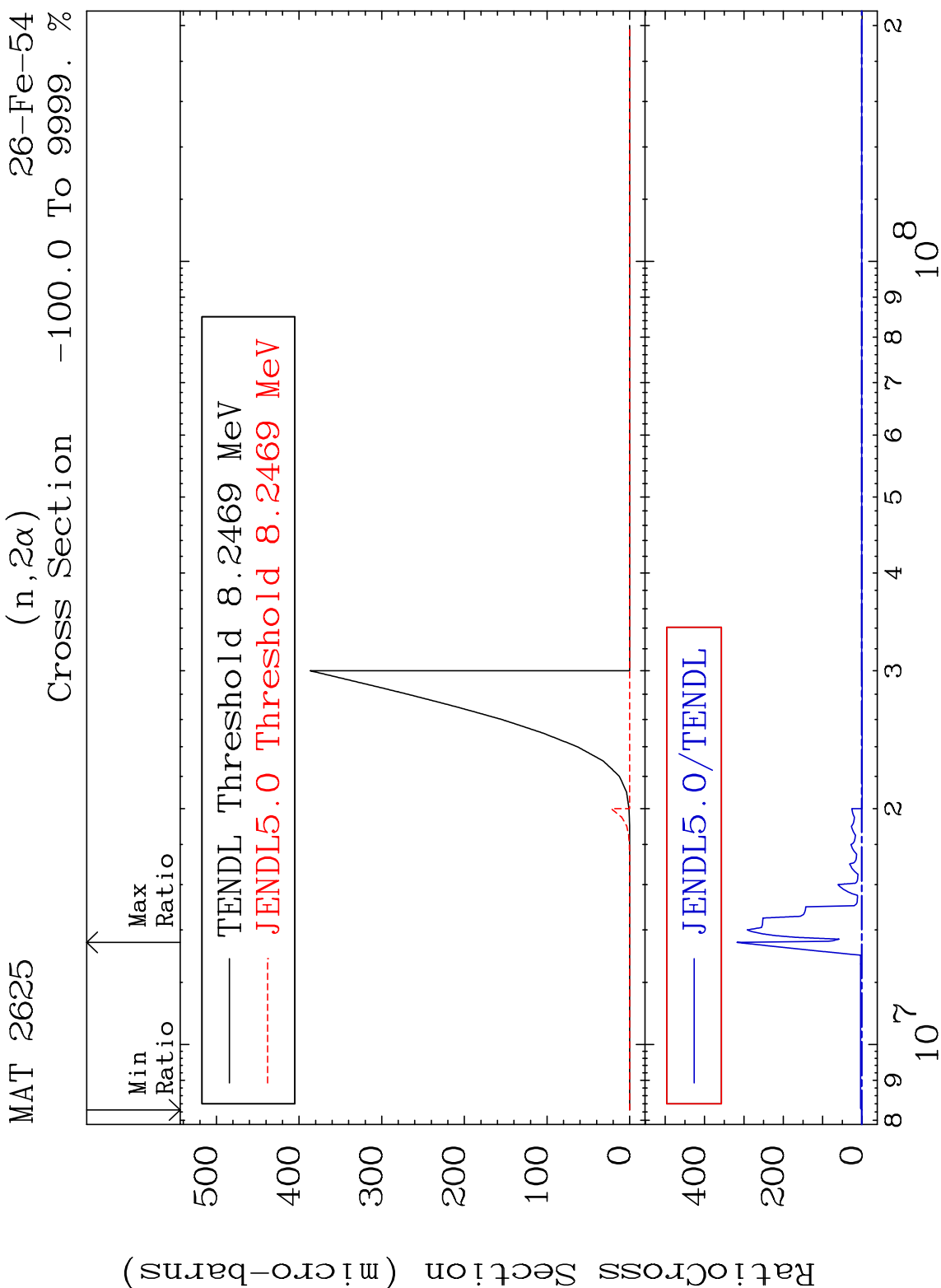
MAT 2625 (n, He-3) ²⁶Fe-54
Cross Section -100.0 To 5734. %

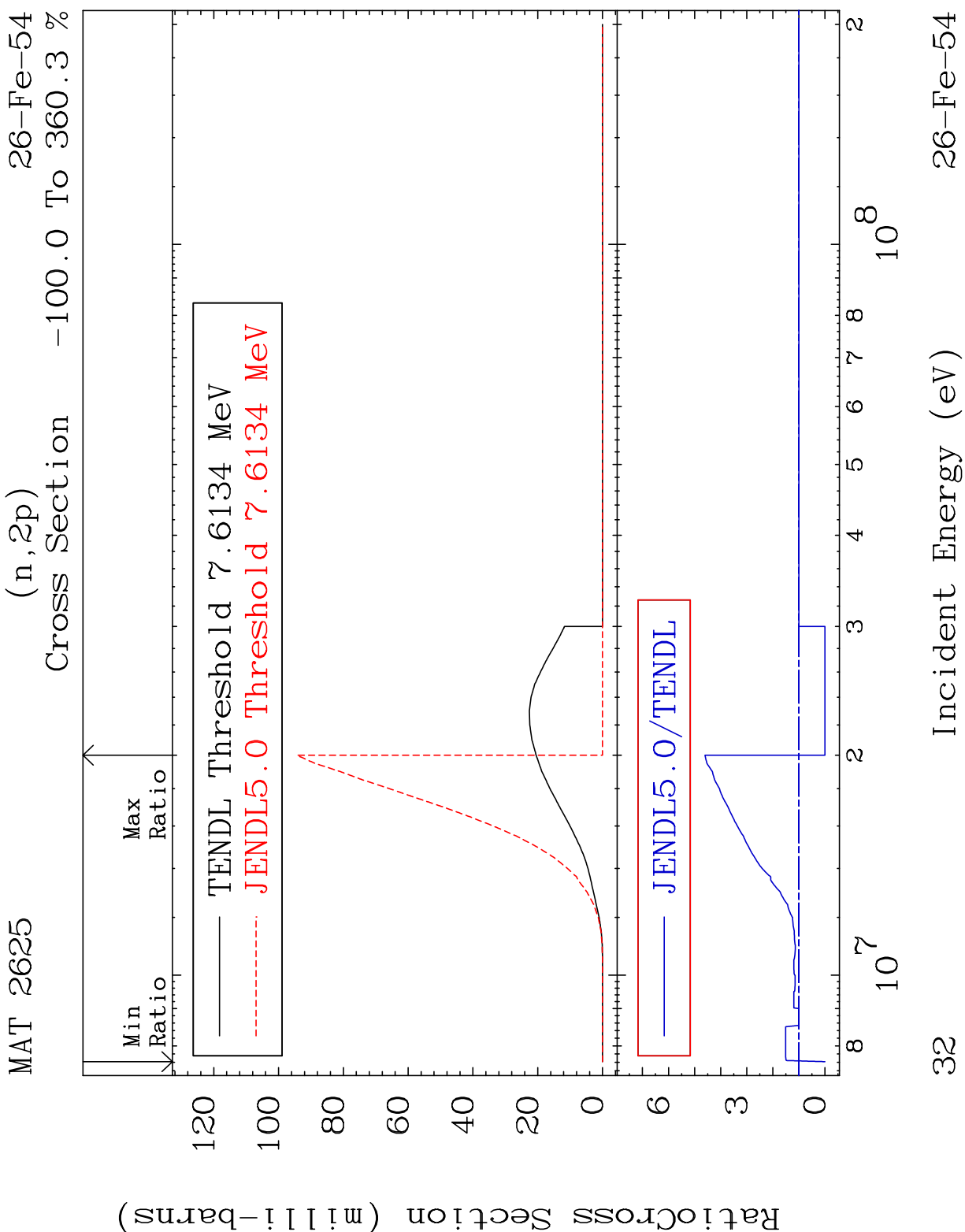


MAT 2625 (n, α) 26-Fe-54
Cross Section -100.0 To 5379. %

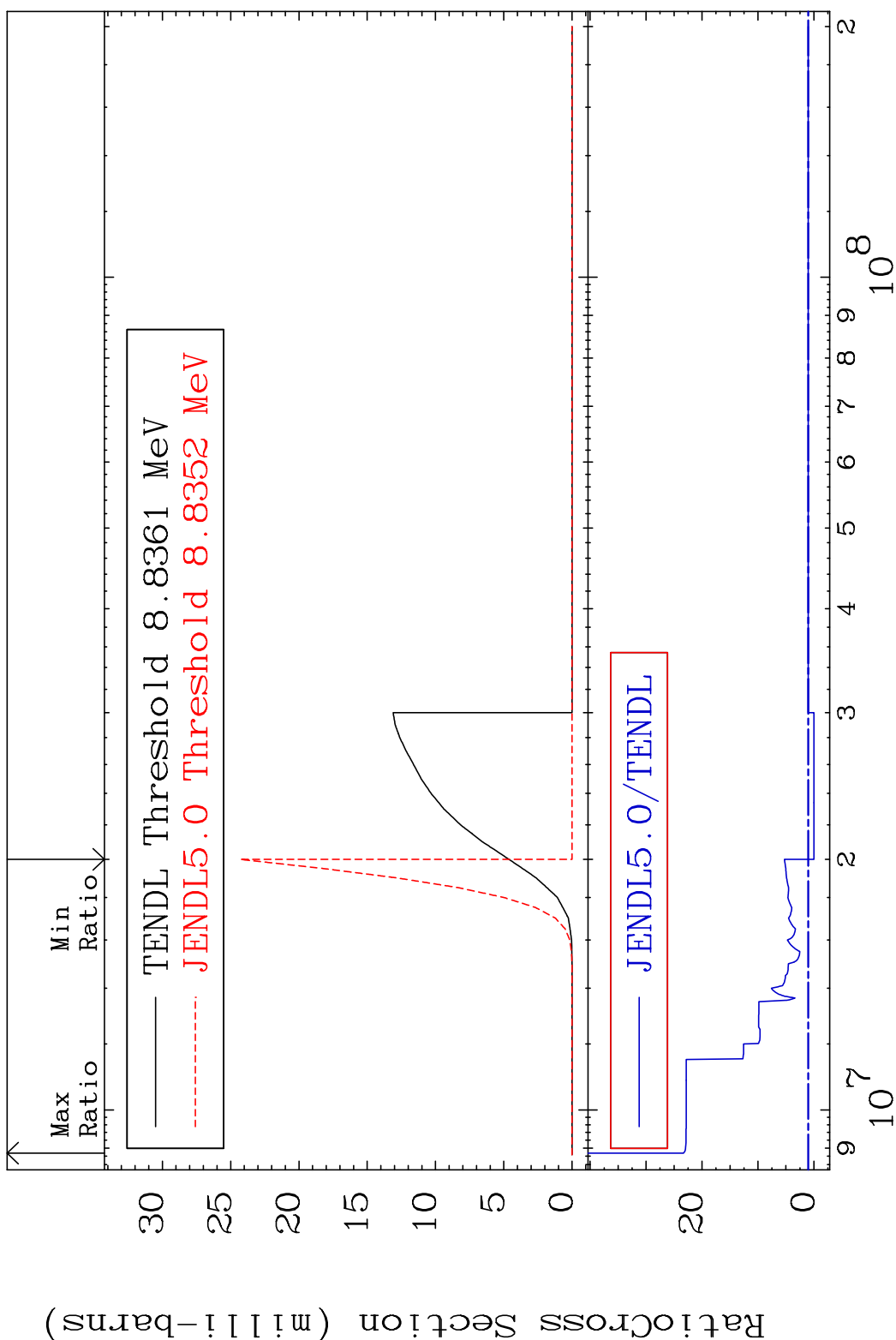


30



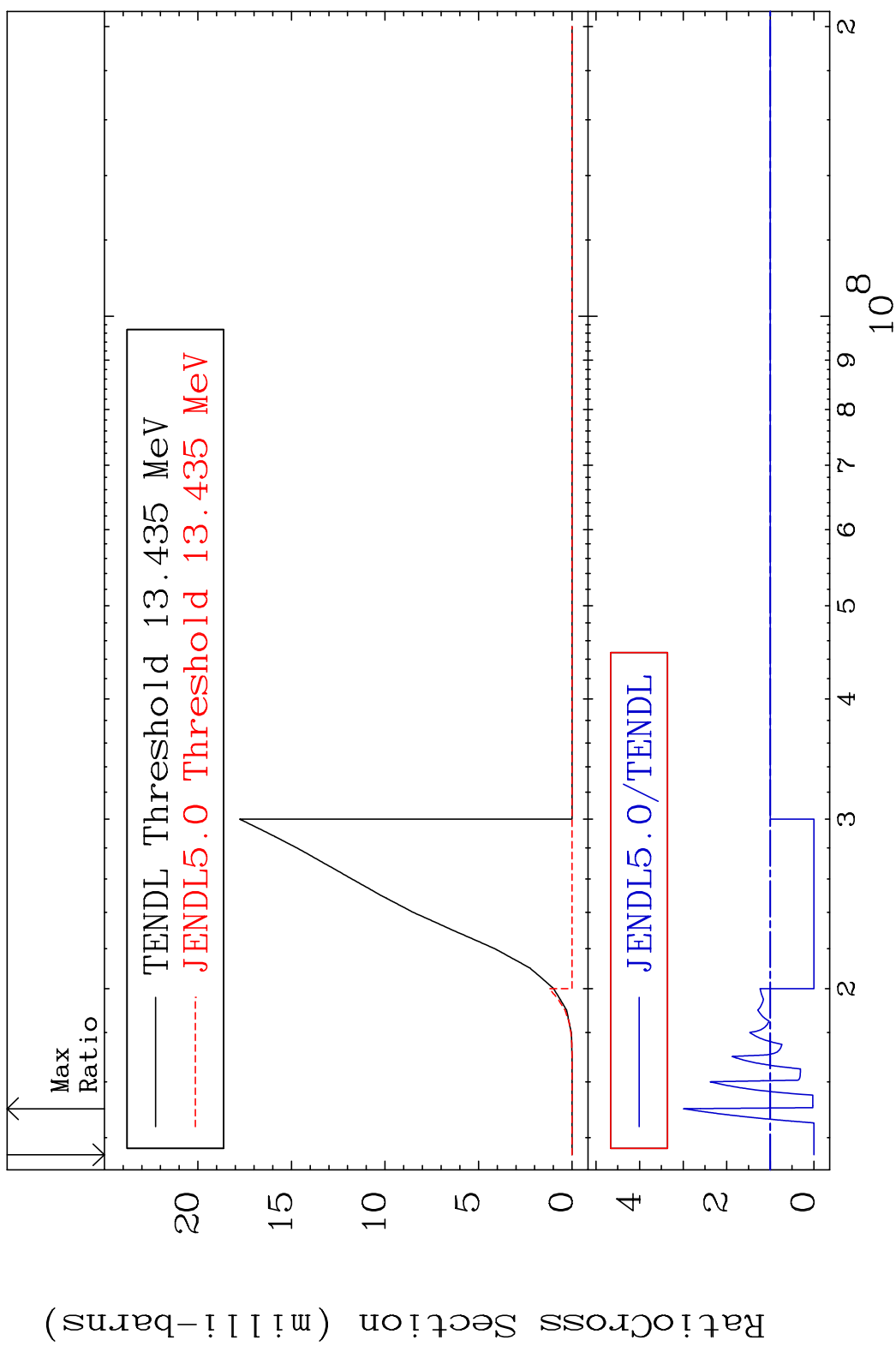


MAT 2625 (n,p) α $^{26}\text{Fe-54}$
 Cross Section -100.0 To 2232. %



33 Incident Energy (eV) $^{26}\text{Fe-54}$

MAT 2625 (n,p) d ²⁶Fe-54
 Cross Section -100.0 To 199.3 %

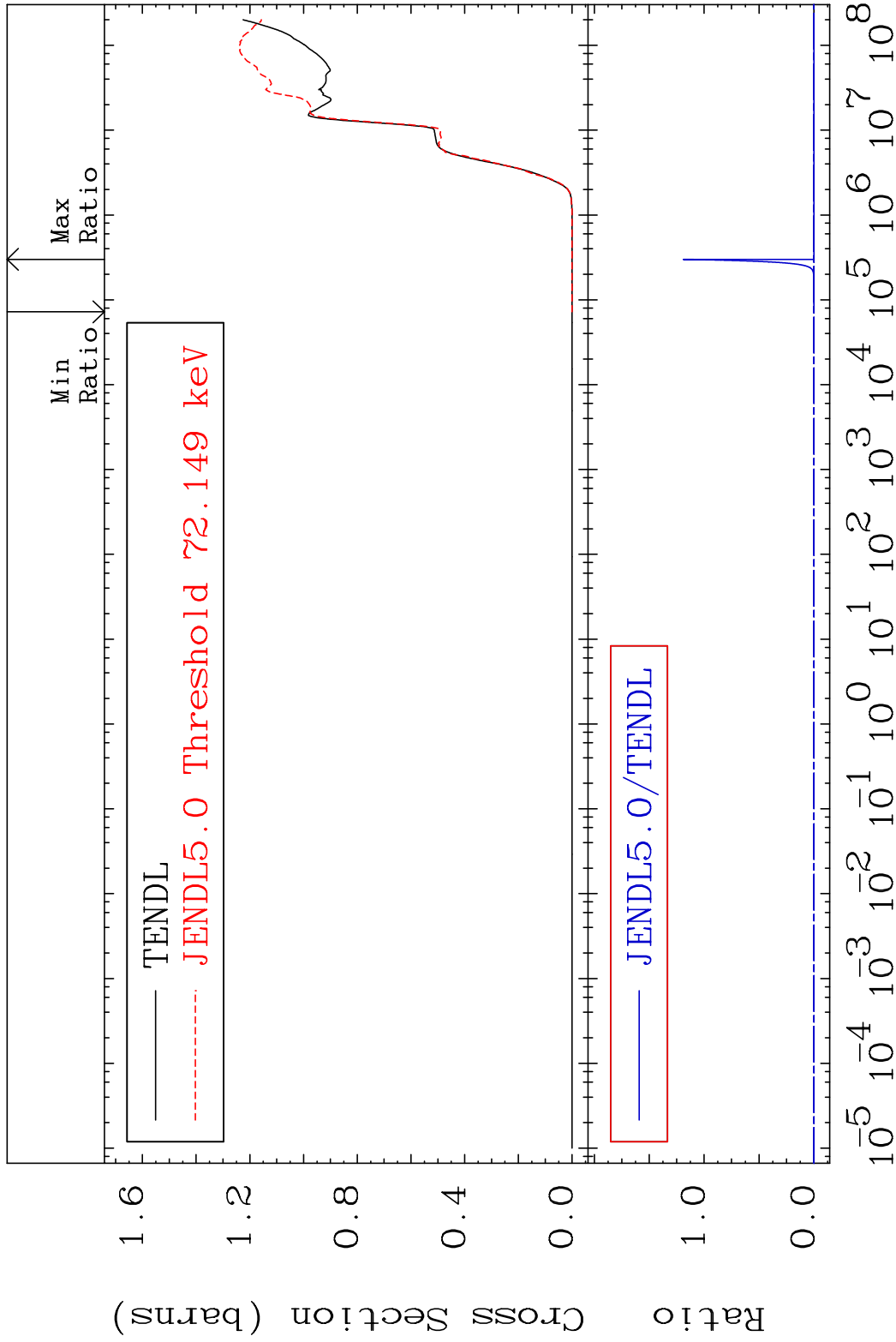


MAT 2625

Hydrogen Production

²⁶Fe-54

Cross Section -100.0 To 9999. %

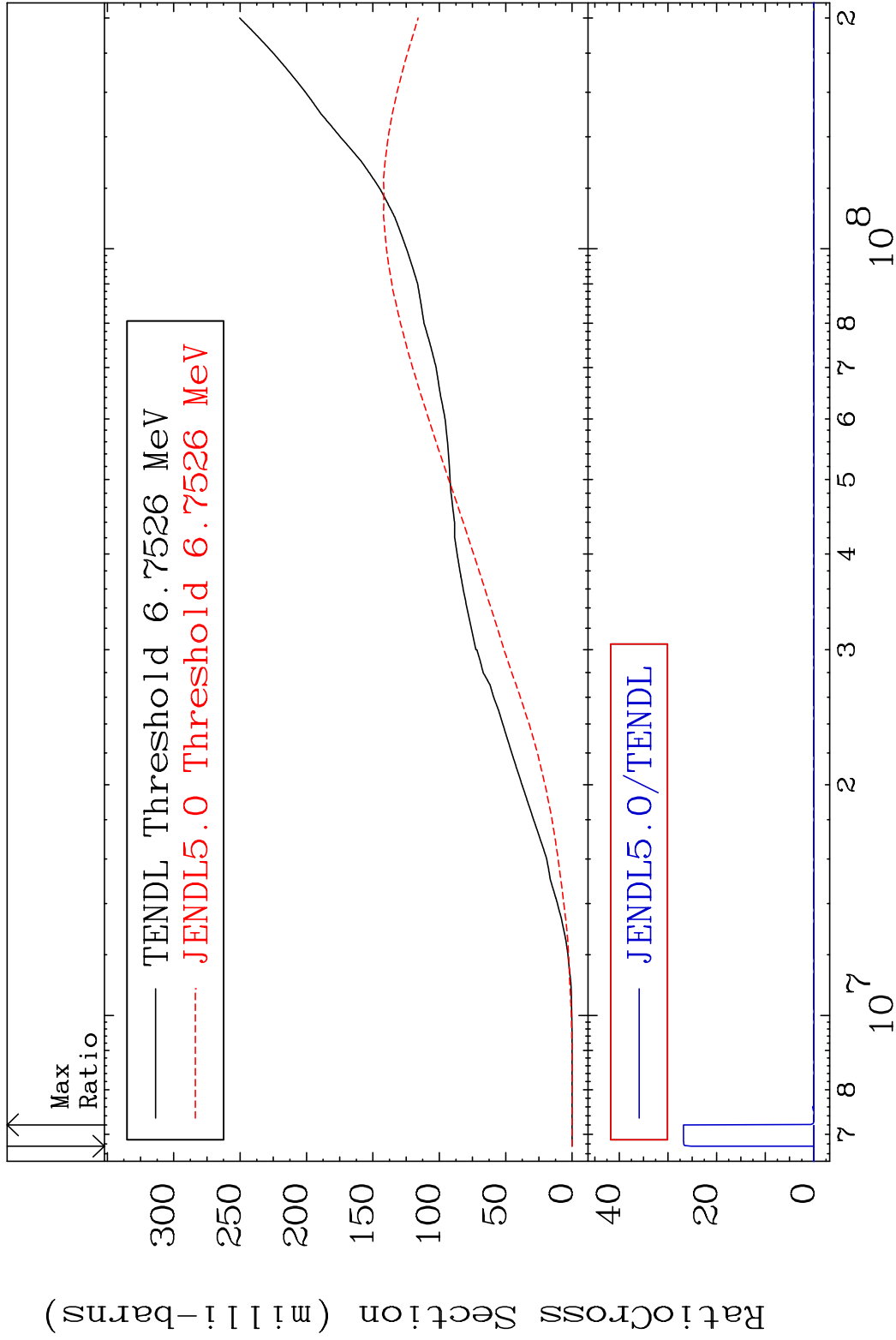


35

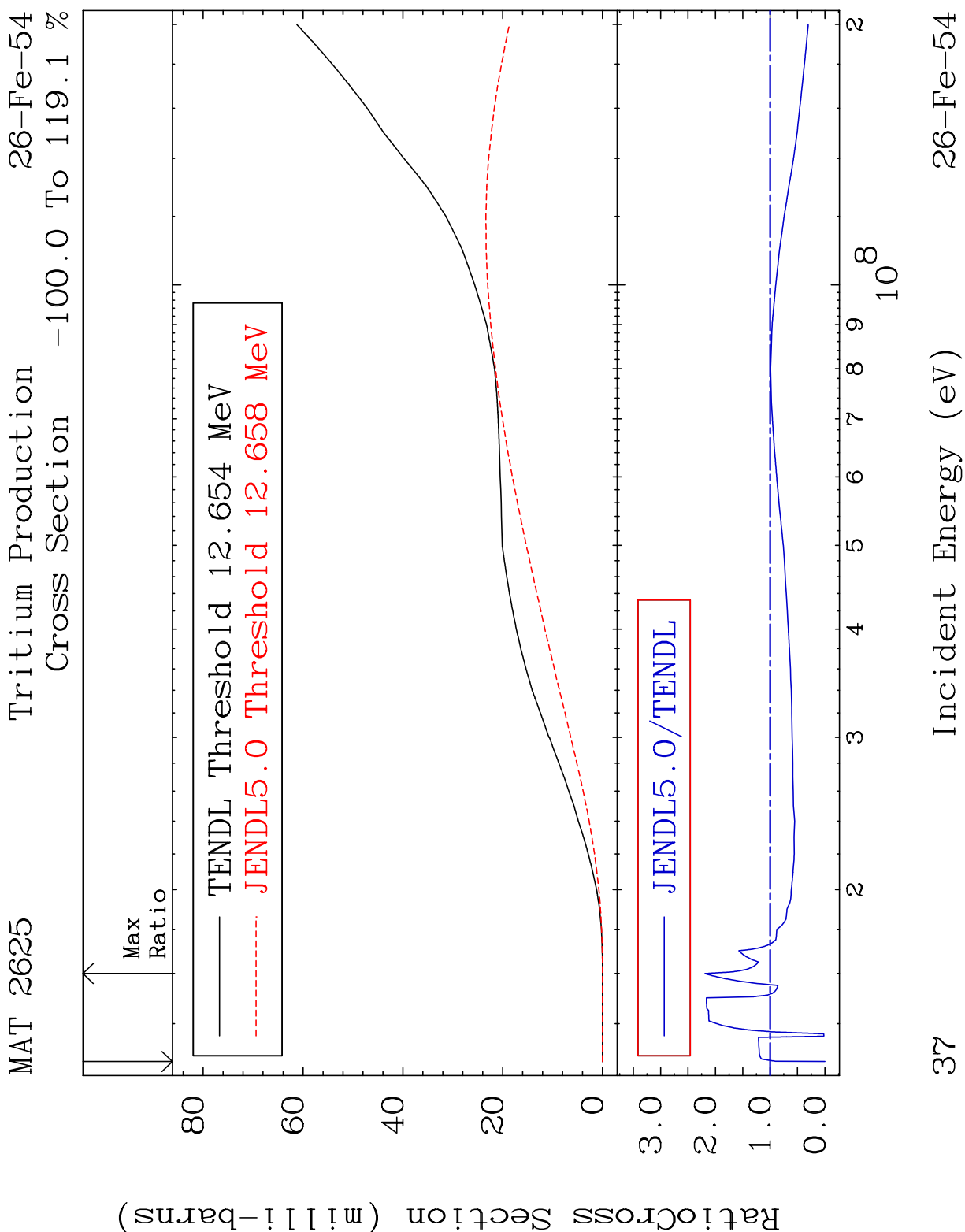
Incident Energy (eV)

²⁶Fe-54

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



36 26-Fe-54

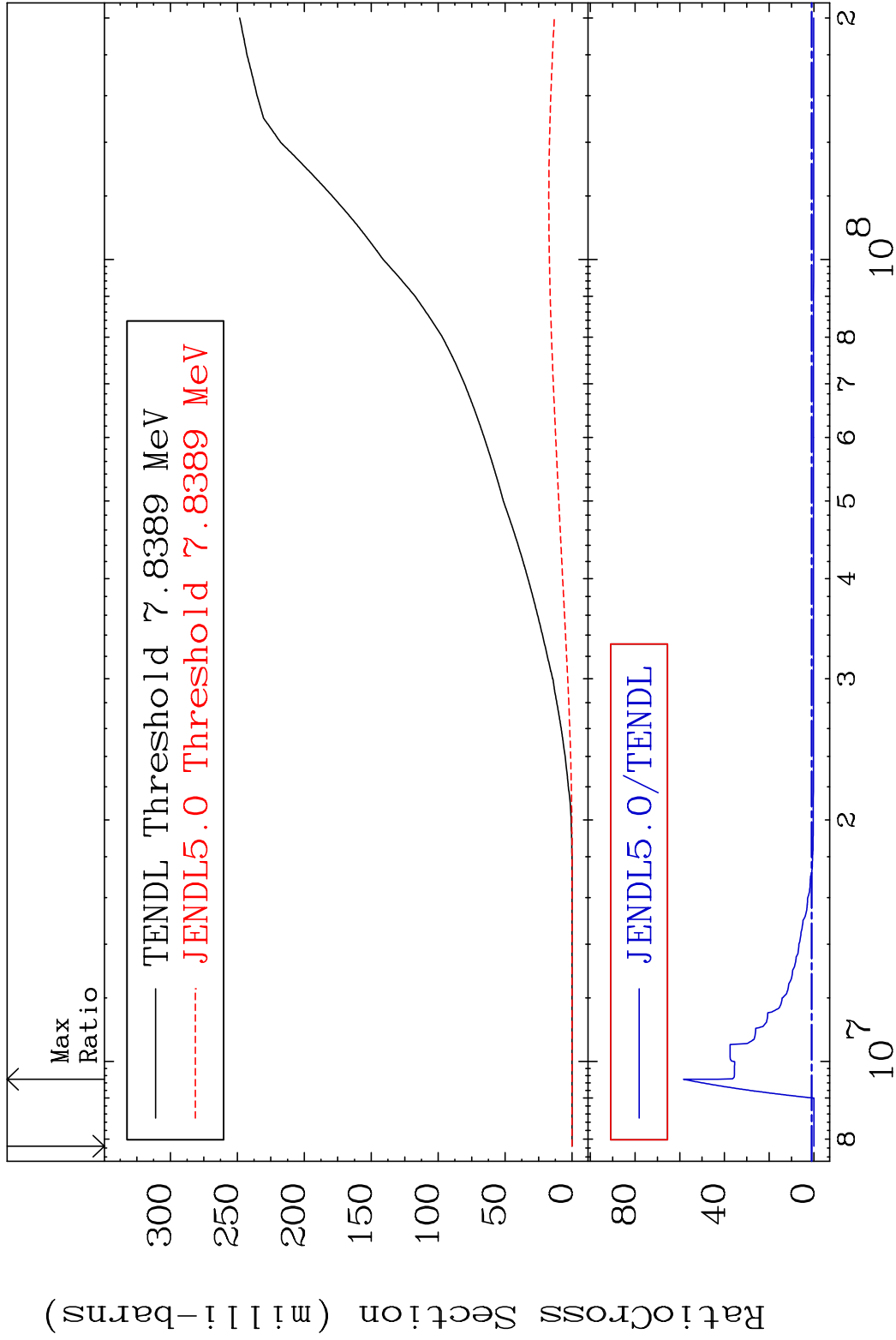


MAT 2625

He-3 Production

²⁶Fe-54

Cross Section -100.0 To 5734. %



38

Incident Energy (eV)

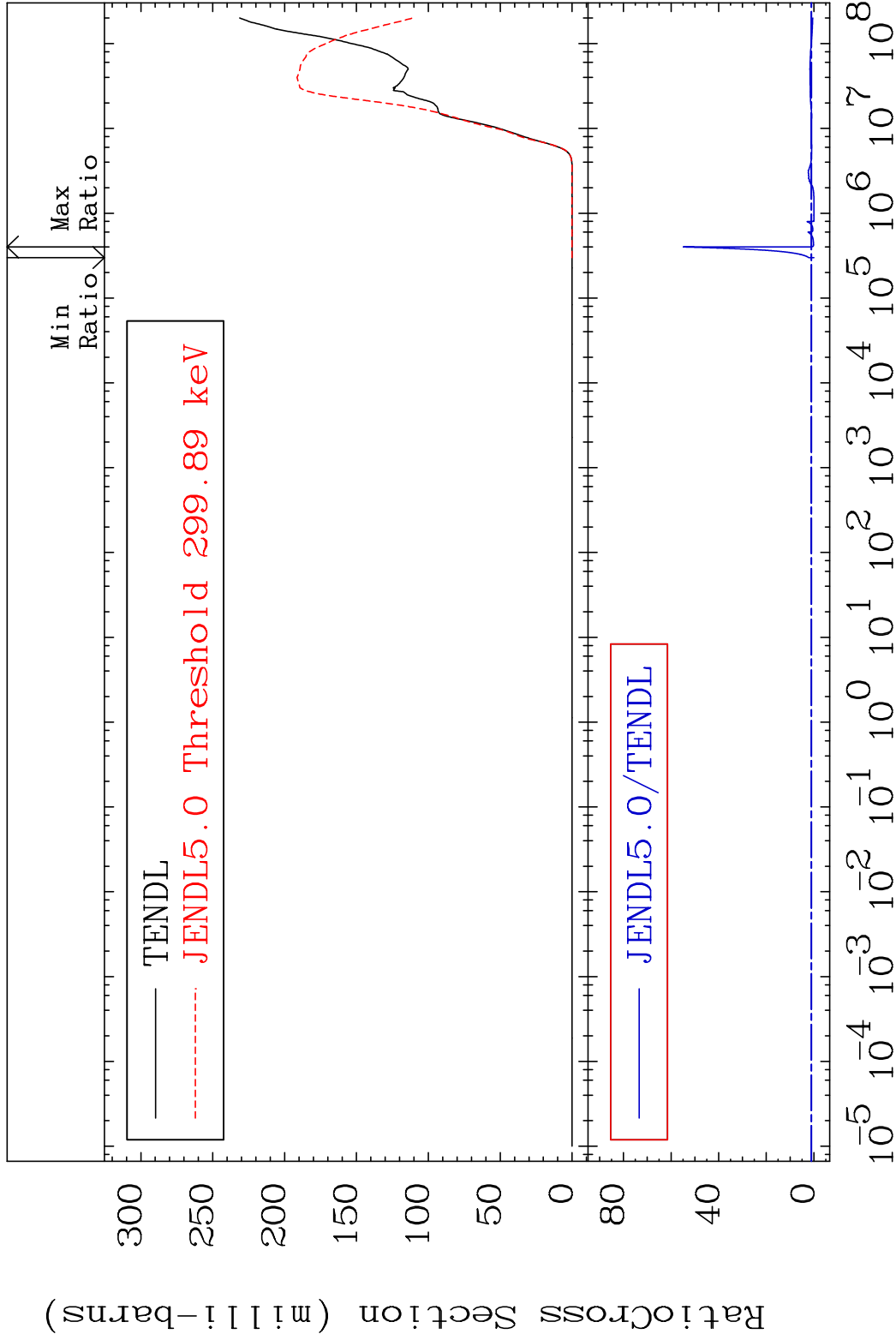
²⁶Fe-54

MAT 2625

He-4 Production

²⁶Fe-54

Cross Section -100.0 To 5379. %

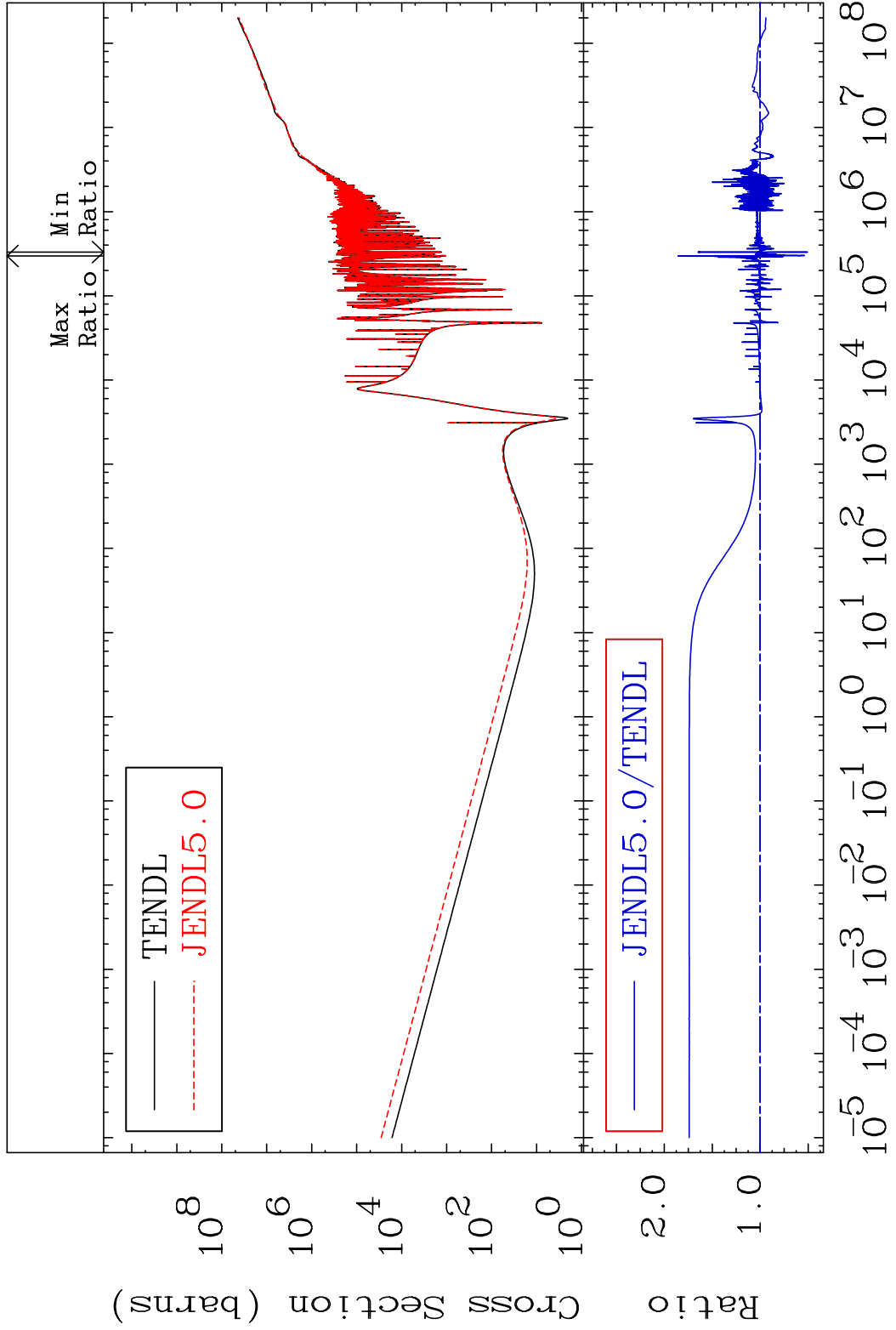


39

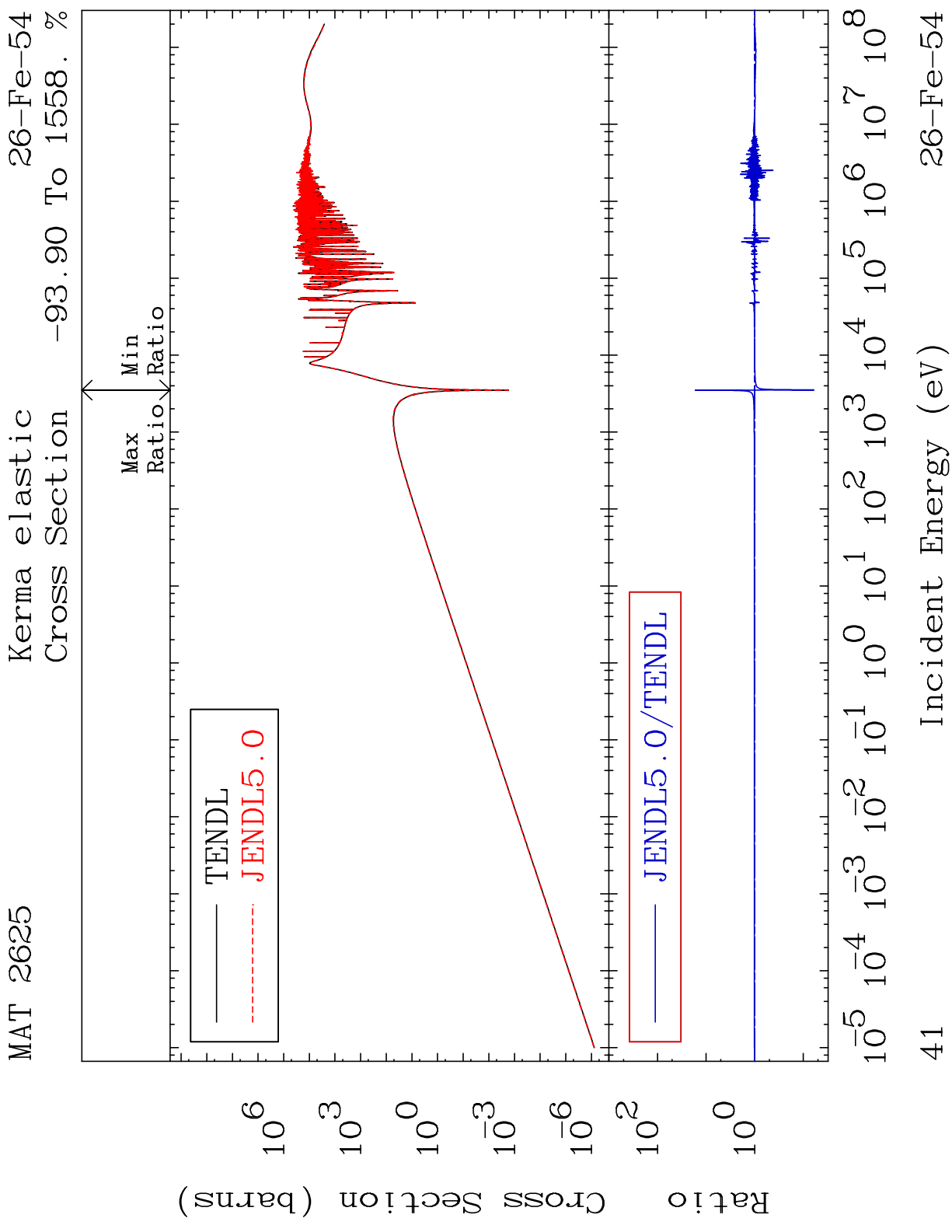
Incident Energy (eV)

²⁶Fe-54

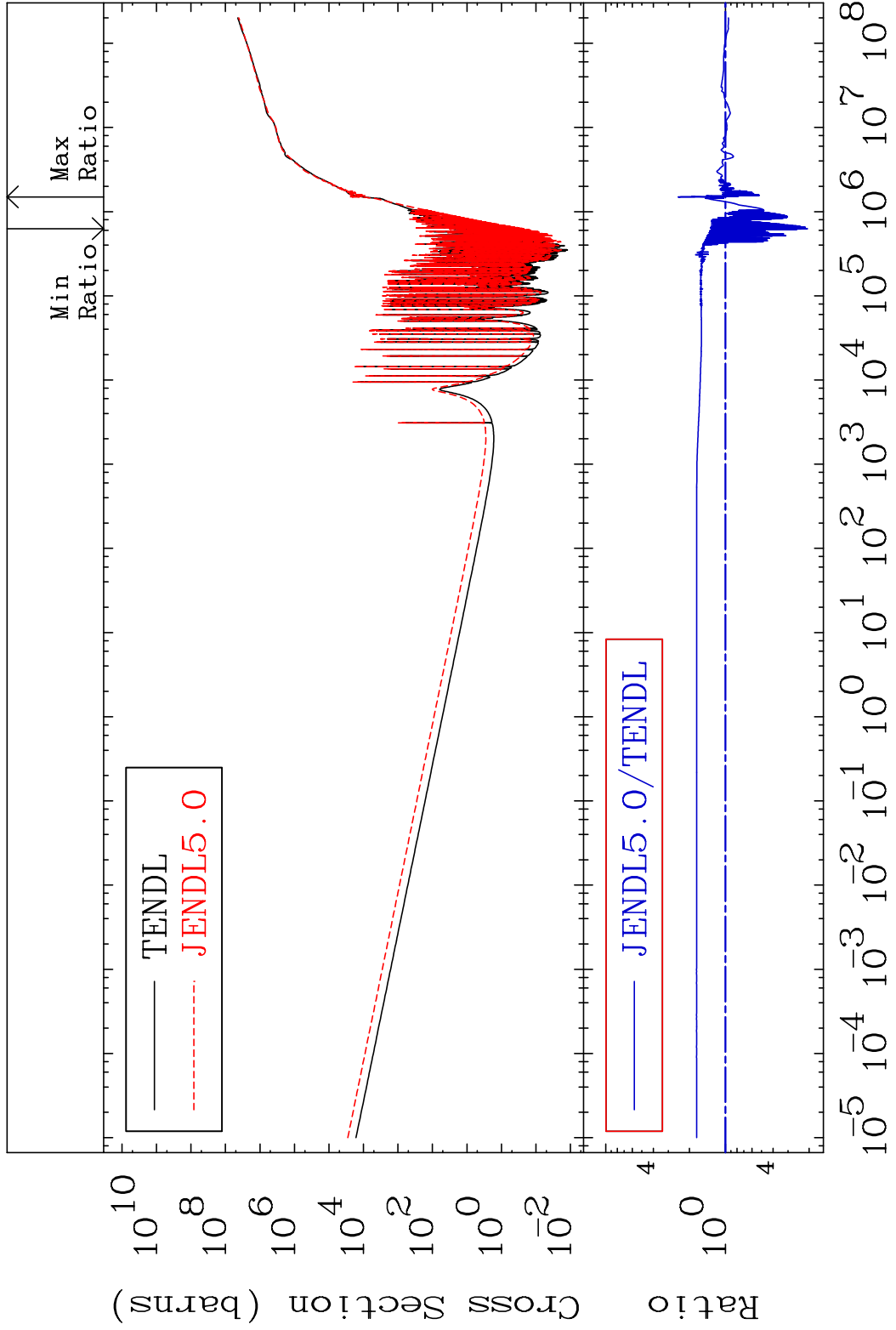
MAT 2625 Kerma total (eV-barns) 26-Fe-54
Cross Section -49.53 To 85.40 %



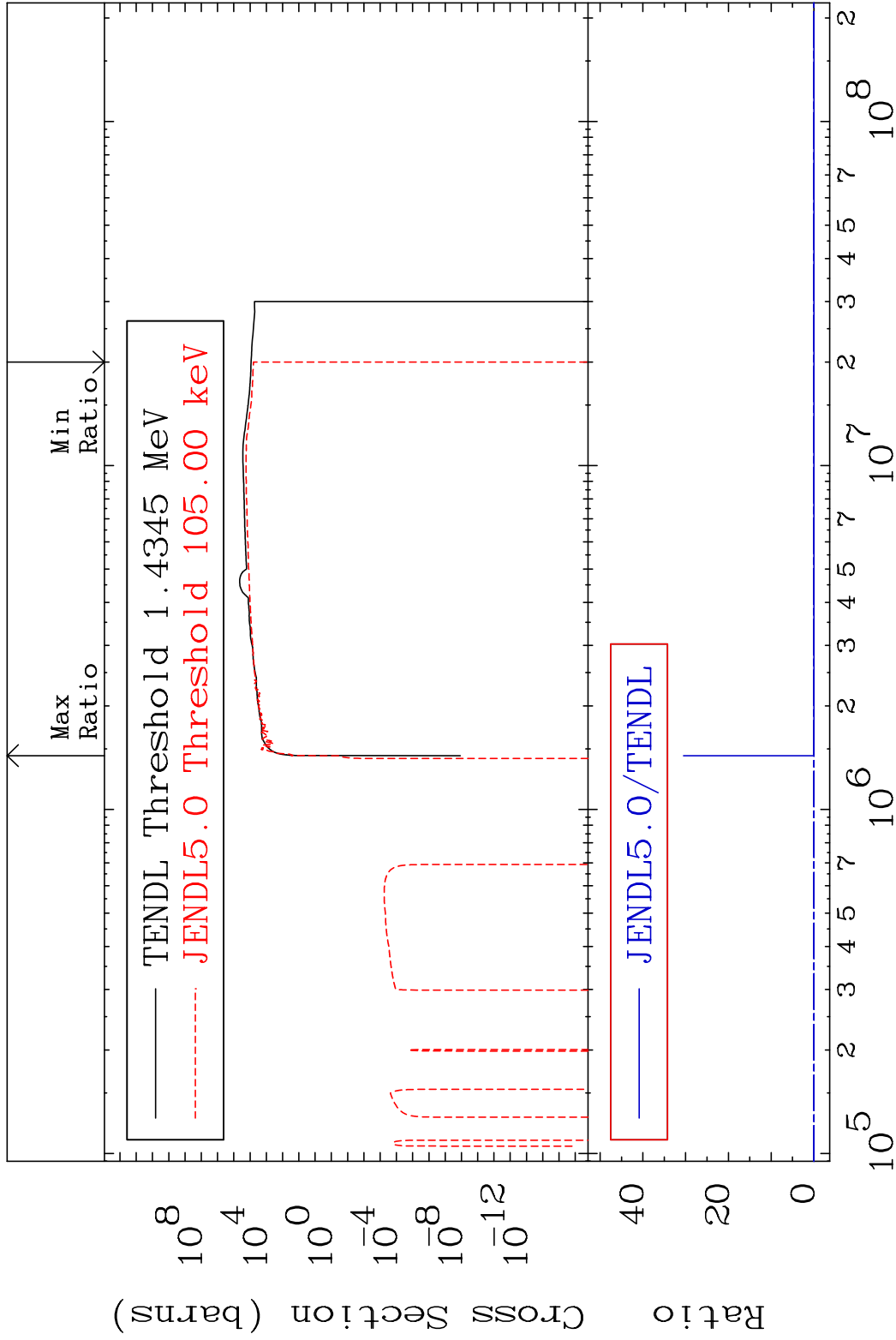
40 Incident Energy (eV) 26-Fe-54



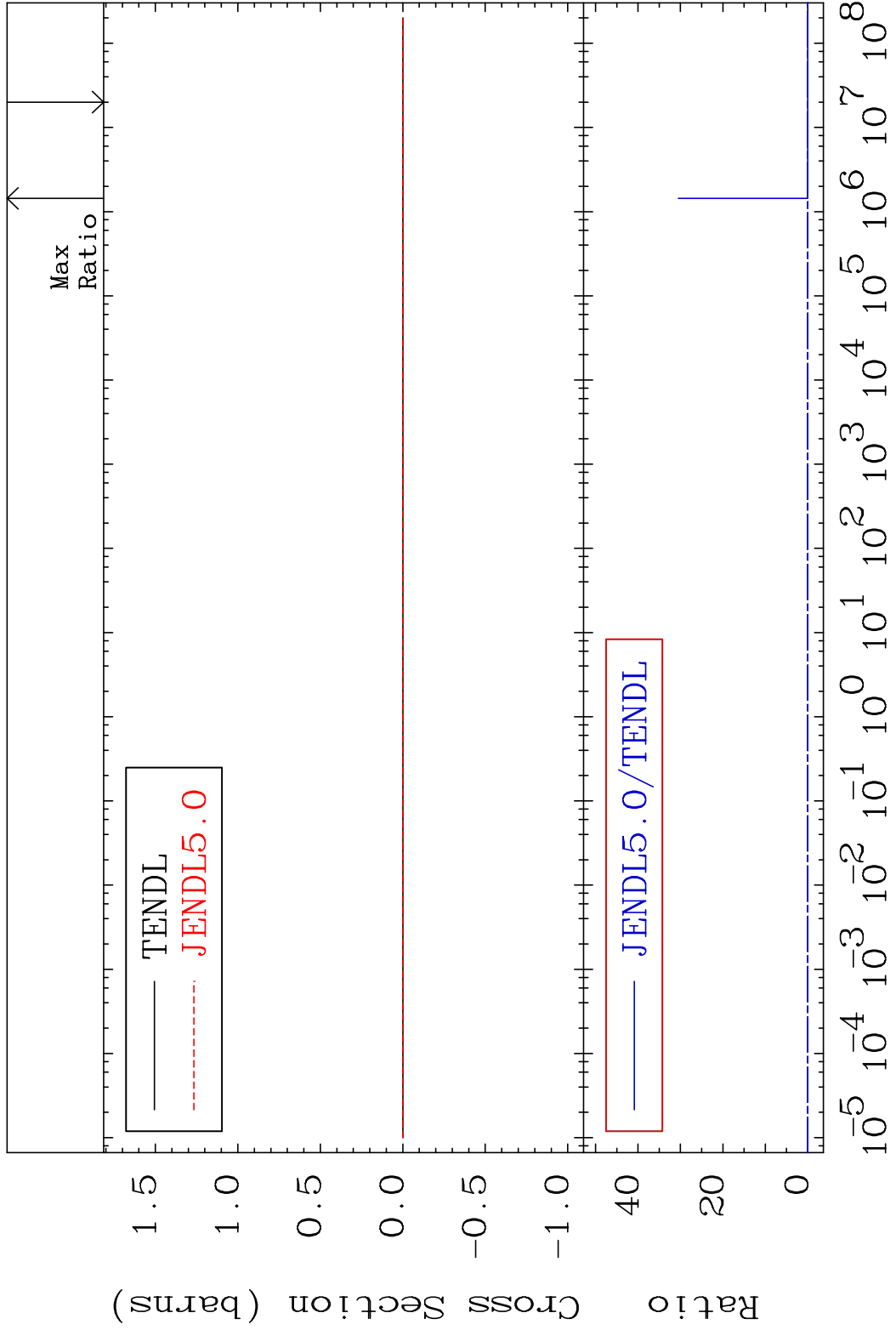
MAT 2625 Kerma non-elastic (all but mt2) 26-Fe-54
 Cross Section -79.47 To 147.5 %



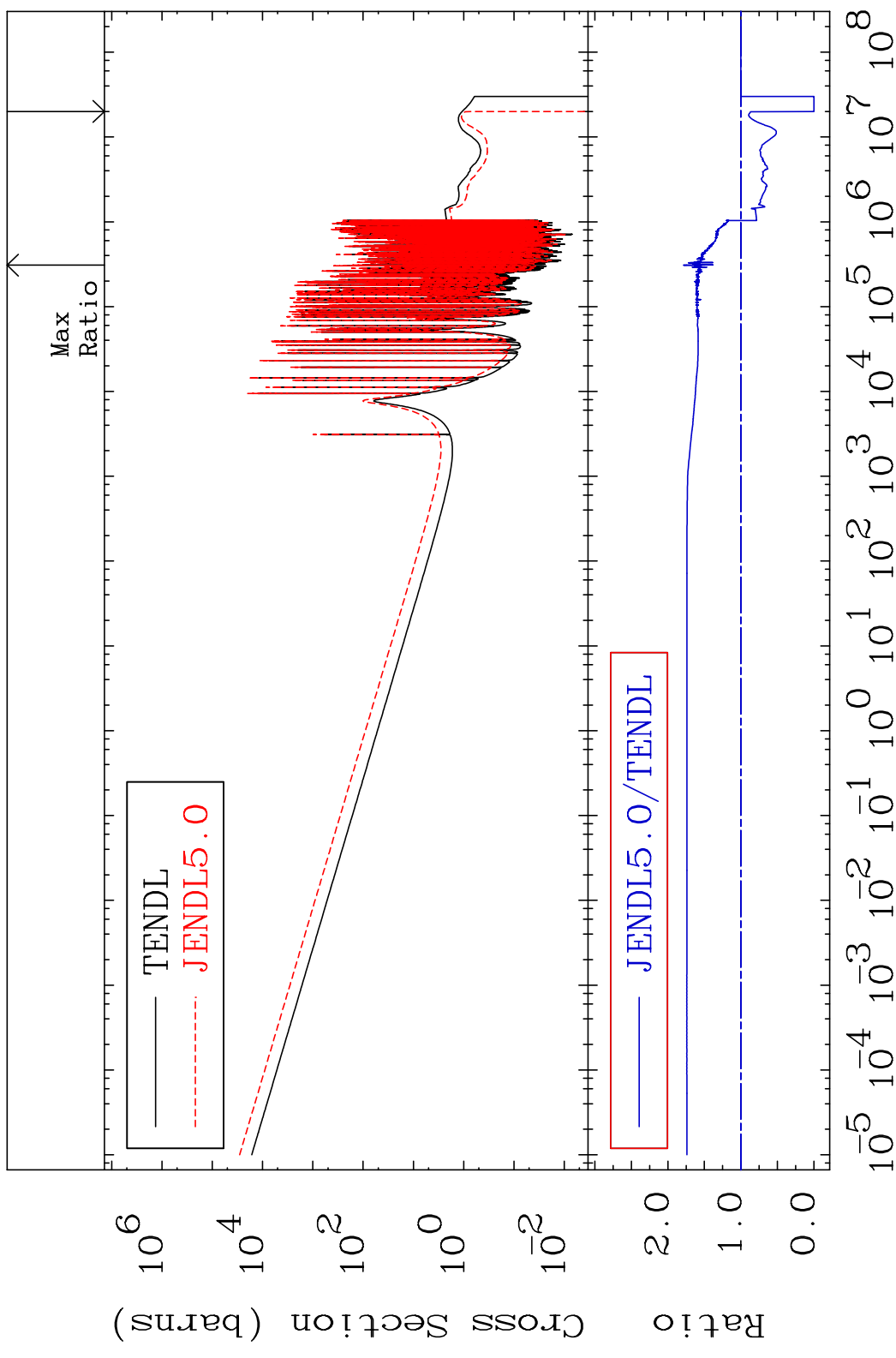
42 Incident Energy (eV) 26-Fe-54



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

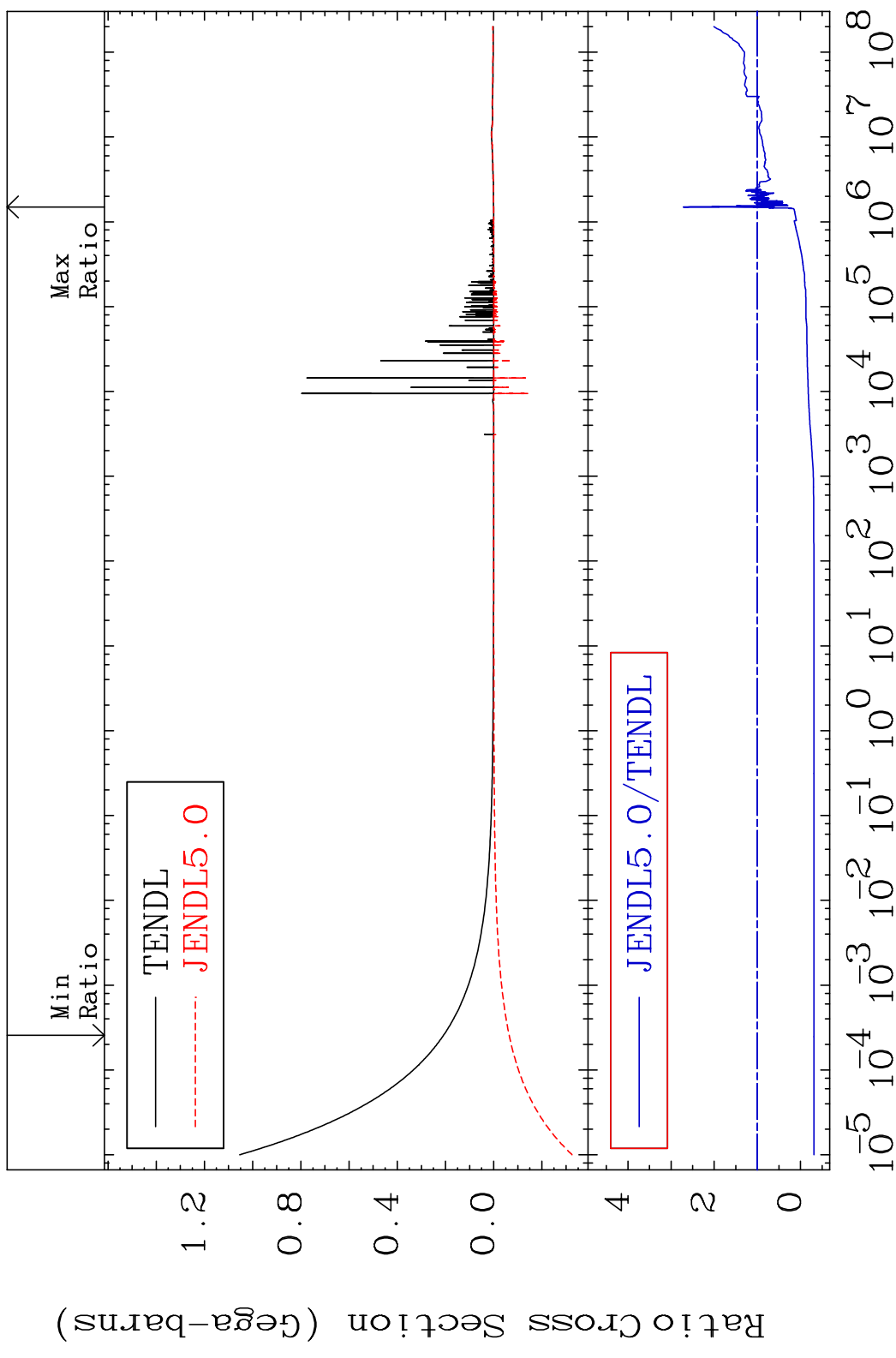


MAT 2625 Kerma capture (mt102) ²⁶Fe-54
Cross Section -100.0 To 78.65 %



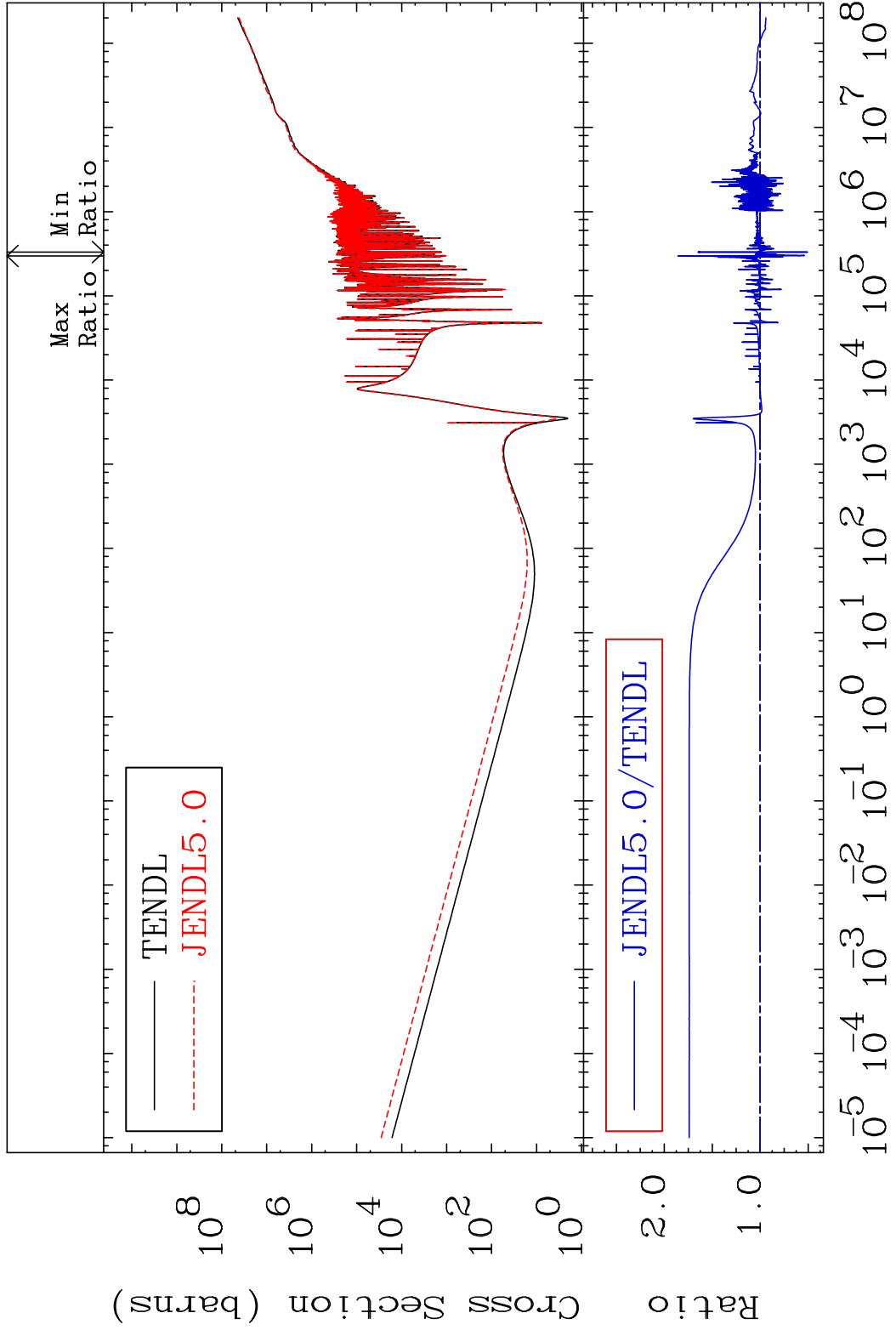
45 Incident Energy (eV) ²⁶Fe-54

MAT 2625 Total photon (eV-barns) ²⁶Fe-54
Cross Section -130.9 To 171.3 %



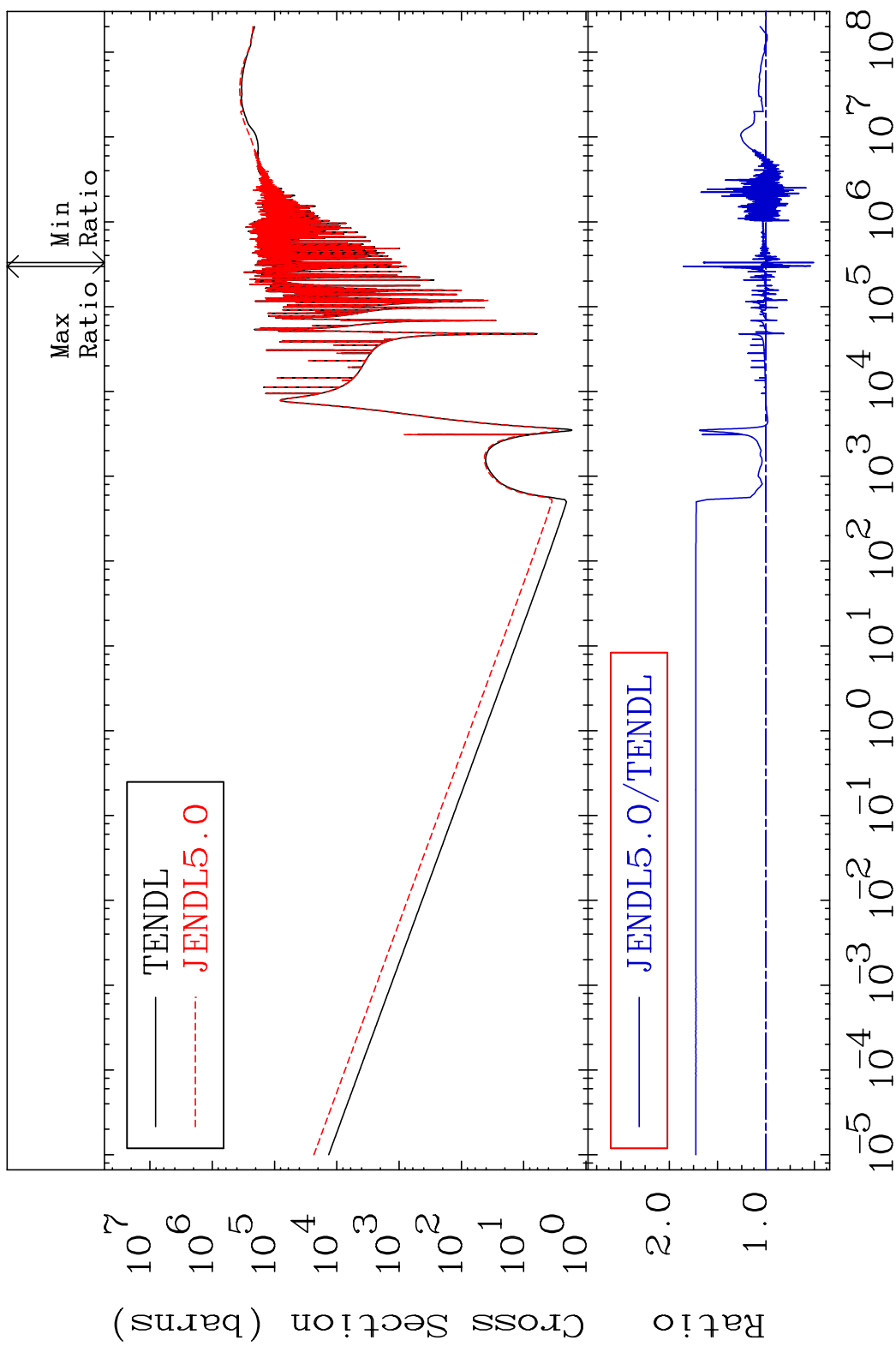
46 Incident Energy (eV) ²⁶Fe-54

MAT 2625 Total kinematic kerma (high limit) 26-Fe-54
 Cross Section -49.53 To 85.40 %



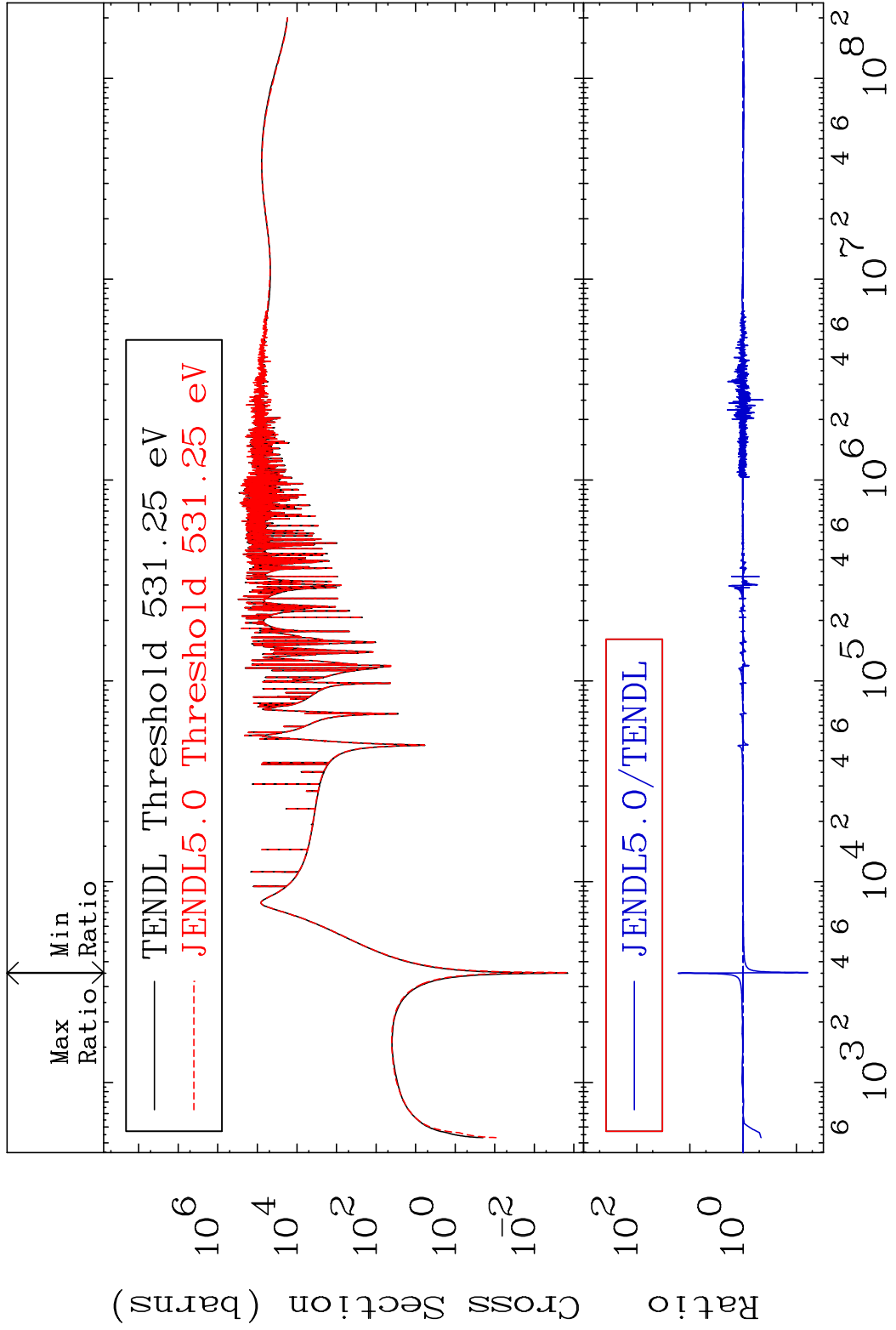
47 Incident Energy (eV) 26-Fe-54

MAT 2625 Dpa total (eV-barns) 26-Fe-54
 Cross Section -49.55 To 85.32 %



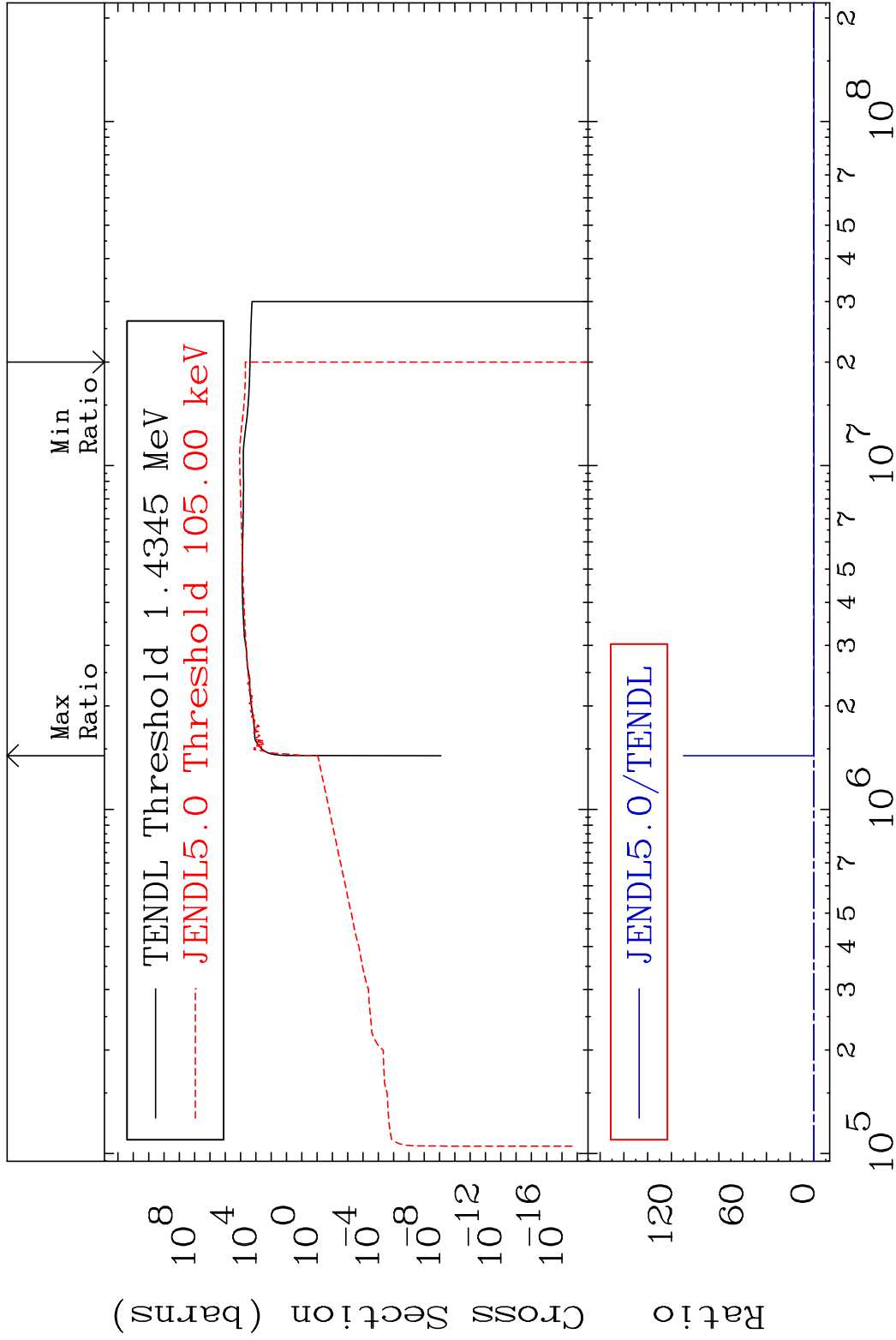
48 Incident Energy (eV) 26-Fe-54

MAT 2625 Dpa elastic (mt2) 26-Fe-54
 Cross Section -93.90 To 1559. %



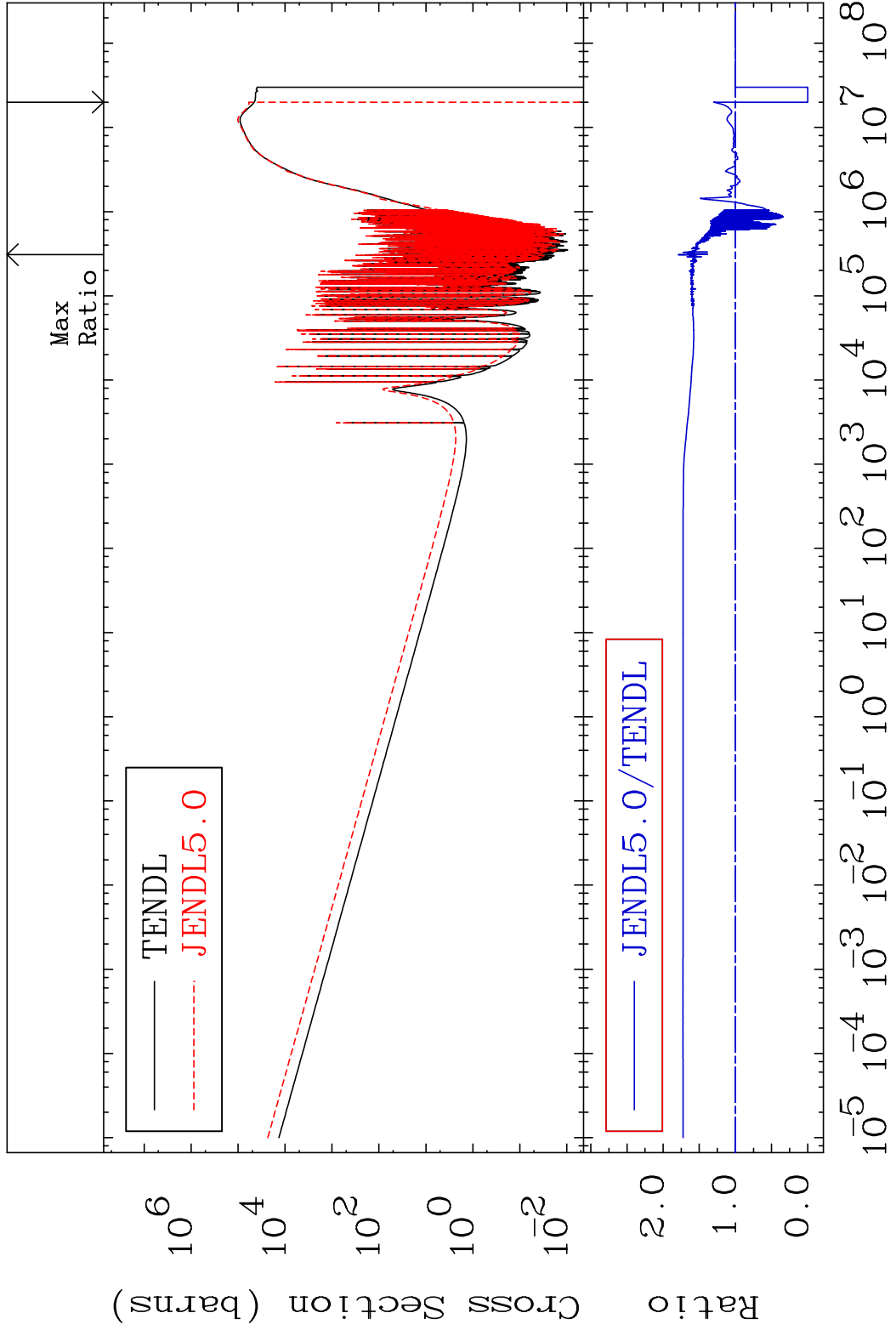
49 Incident Energy (eV) 26-Fe-54

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



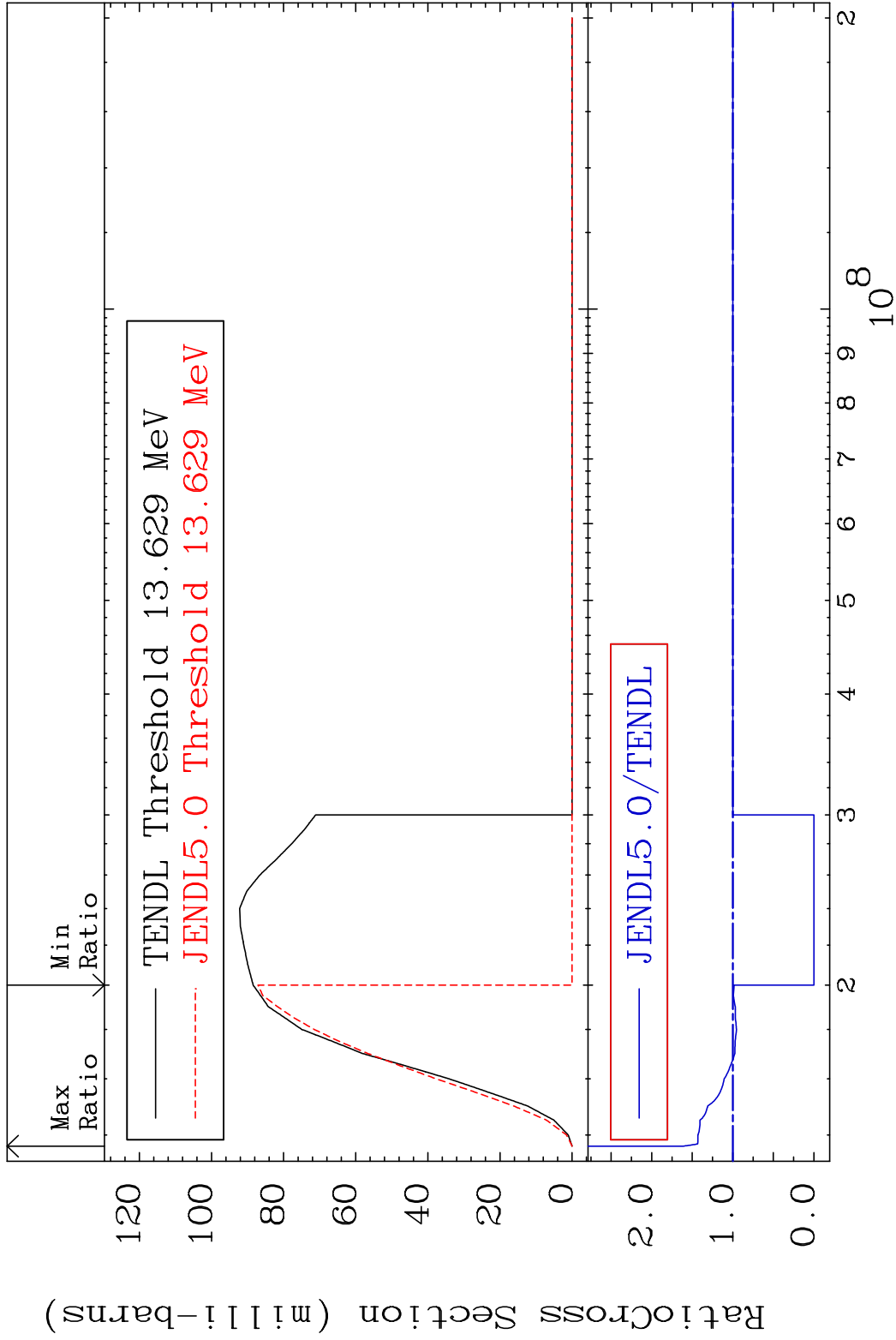
50 Incident Energy (eV) 26-Fe-54

MAT 2625 Dpa disappearance (mt102 -120) 26-Fe-54
 Cross Section -100.0 To 79.04 %

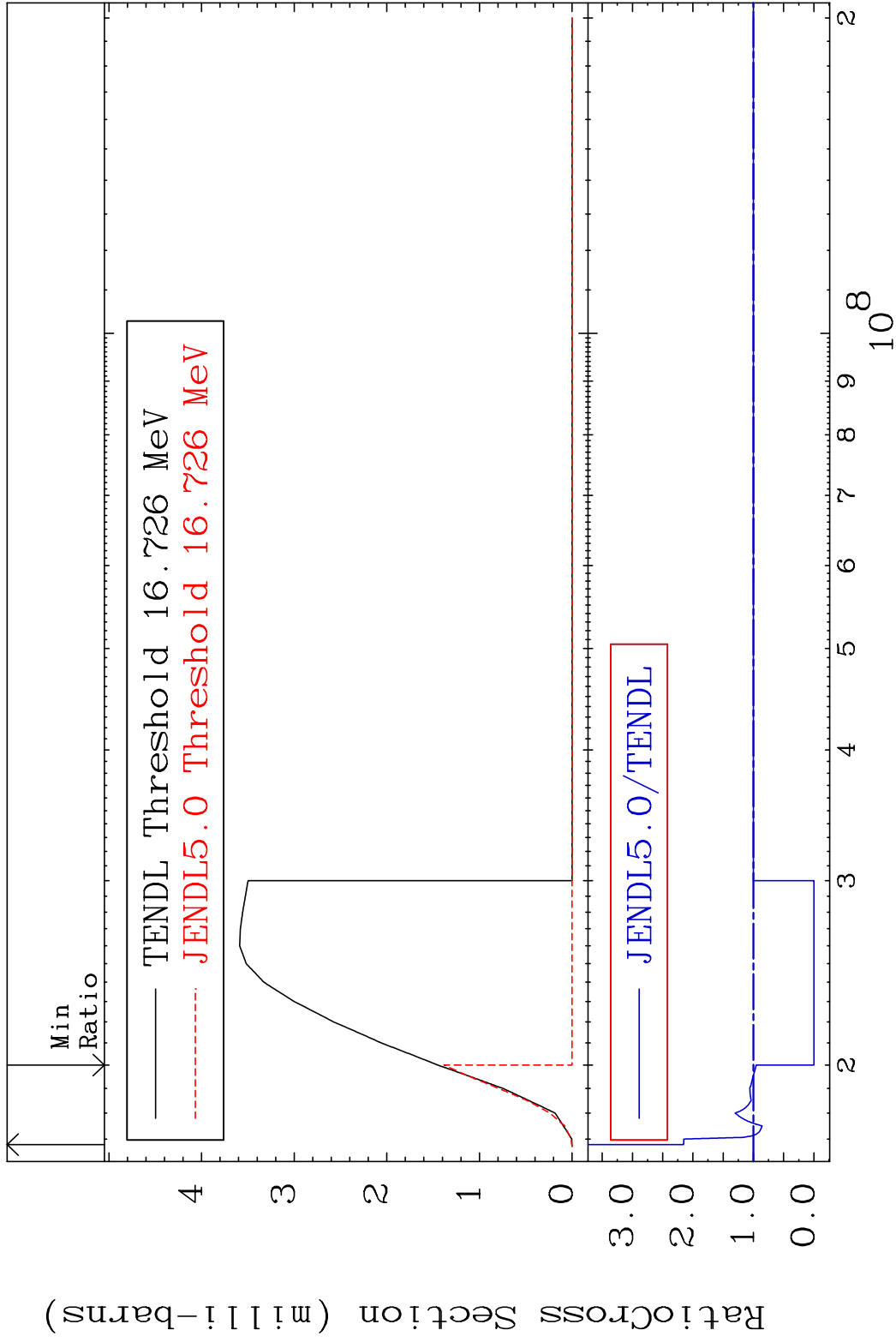


51 Incident Energy (eV) 26-Fe-54

MAT 2625 (n,2n):26-Fe-53g 26-Fe-54
 Radionuclide Production Cross Section 180000 dpo 60.84 %



52 26-Fe-54



MAT 2625 (n, t): 25-Mn-52g 26-Fe-54
 Radionuclide Production Cross Section 100.0 dth 103.1 %

