

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

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

Press Mouse Button to Start

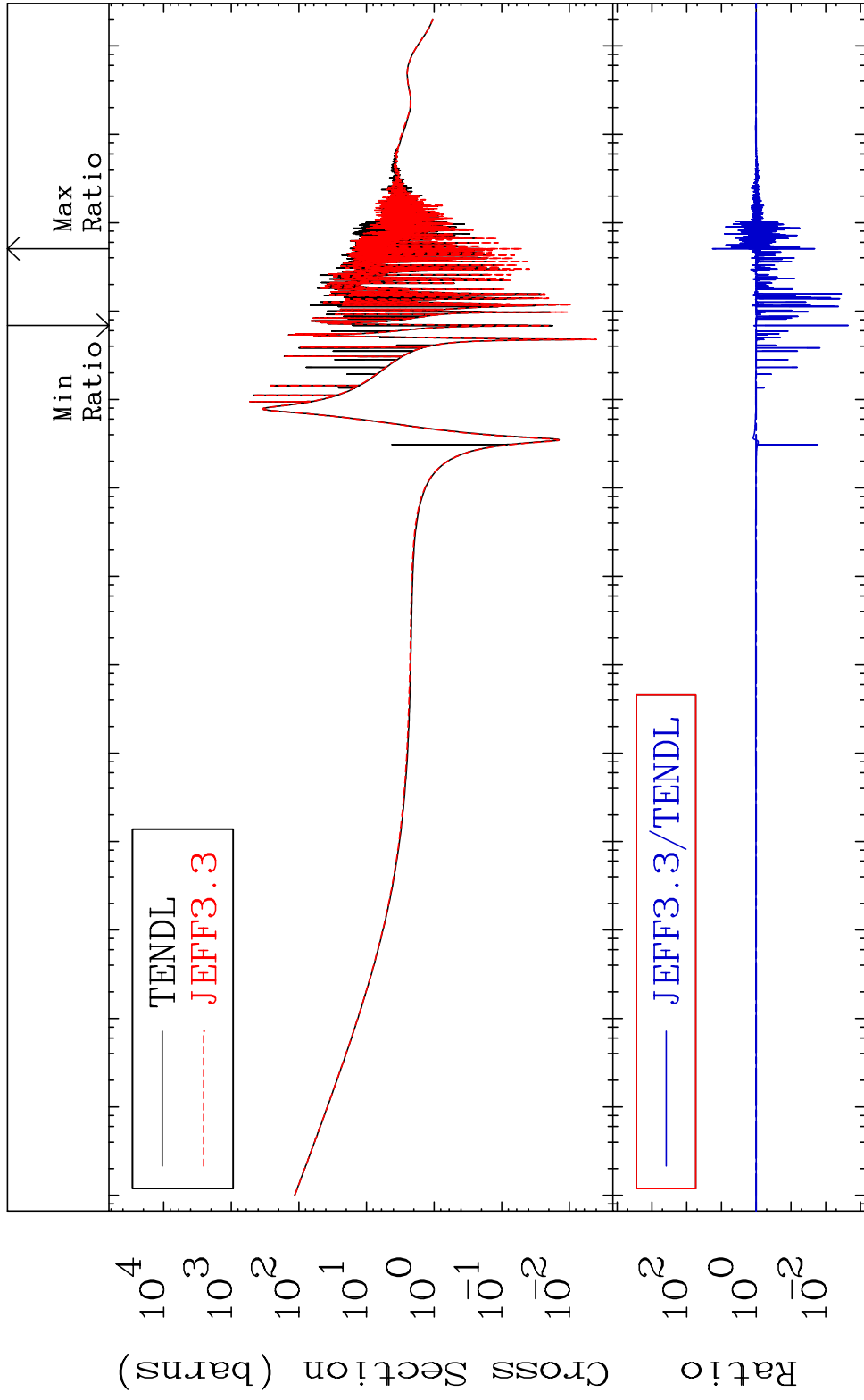
MAT 2625

Total

²⁶Fe-54

Cross Section

-99.78 To 1726. %



10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

1

Incident Energy (eV)

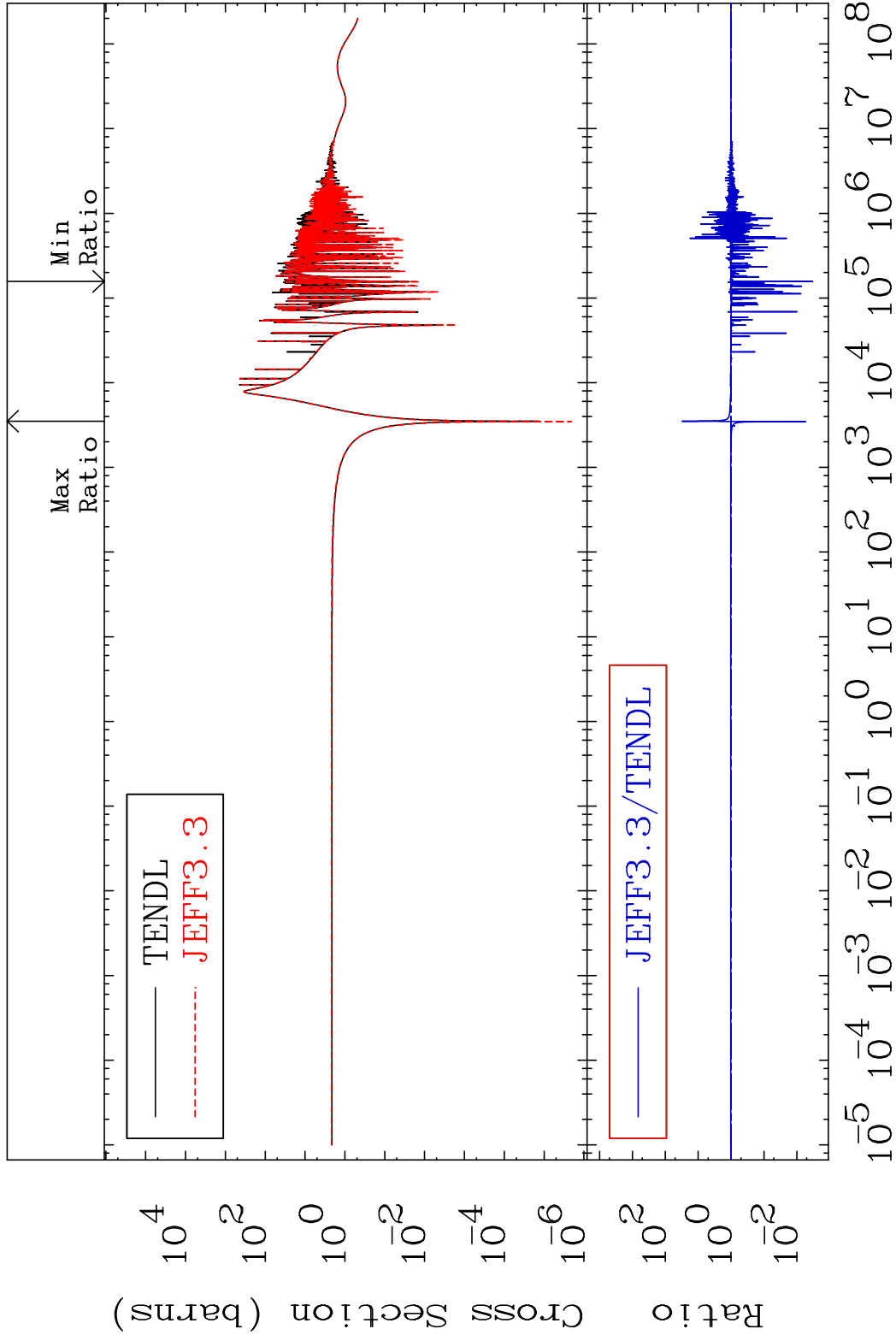
²⁶Fe-54

MAT 2625

Elastic

²⁶Fe-54

Cross Section -99.67 To 2930. %

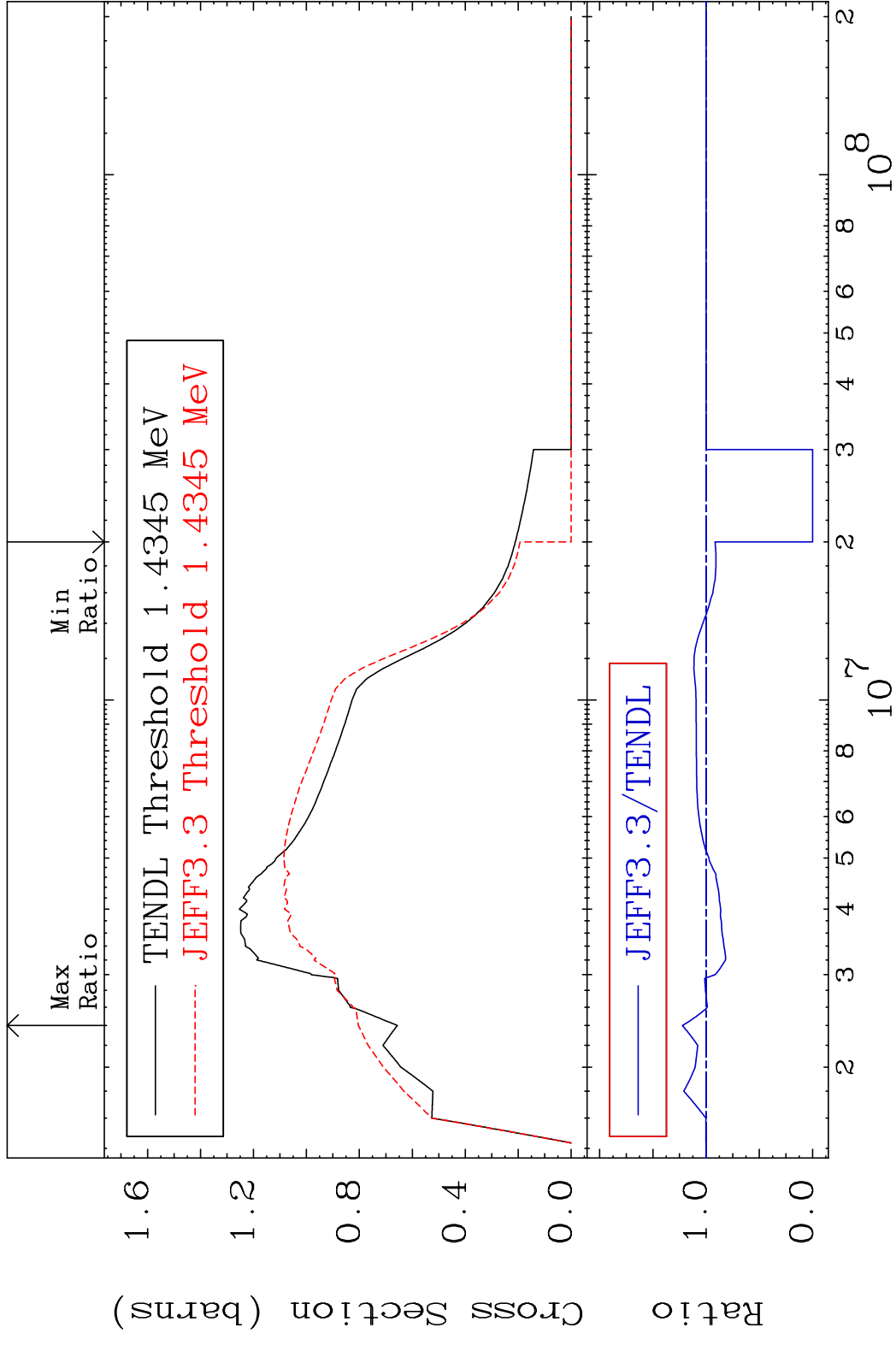


2

Incident Energy (eV)

²⁶Fe-54

MAT 2625 Inelastic ²⁶Fe-54
 Cross Section -100.0 To 22.34 %

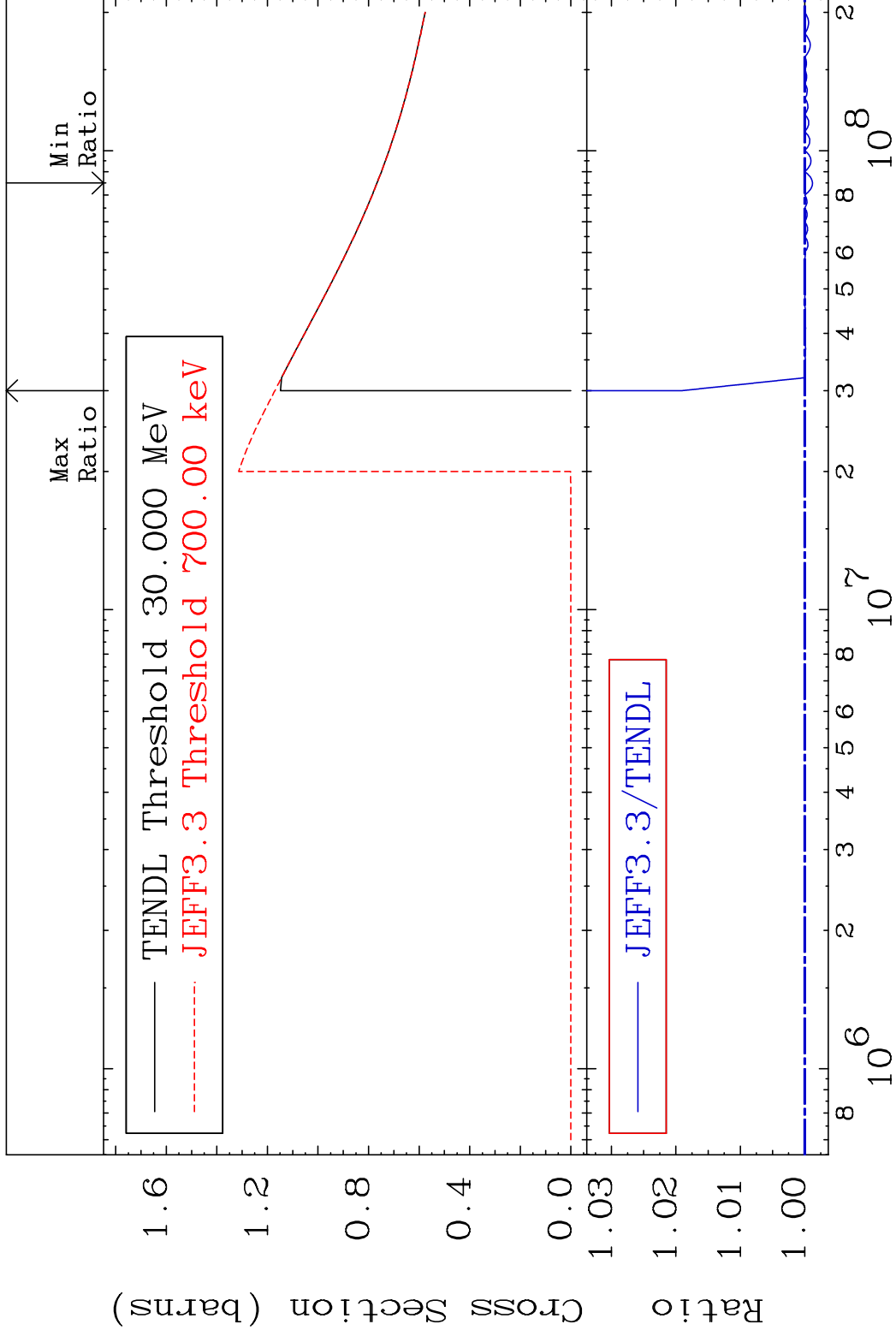


MAT 2625

(n, remainder)

²⁶Fe-54

Cross Section -0.121 To 1.903 %

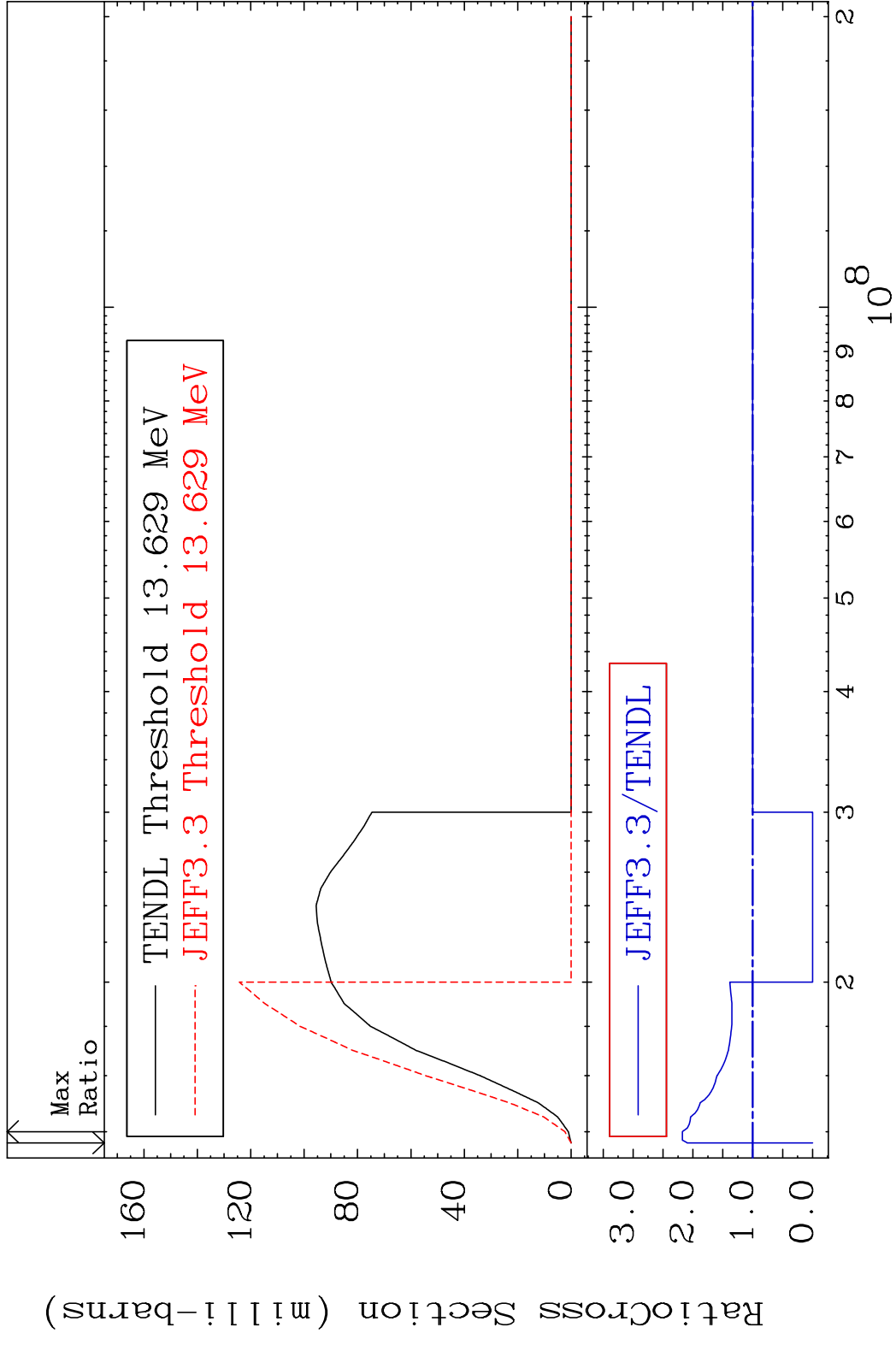


4

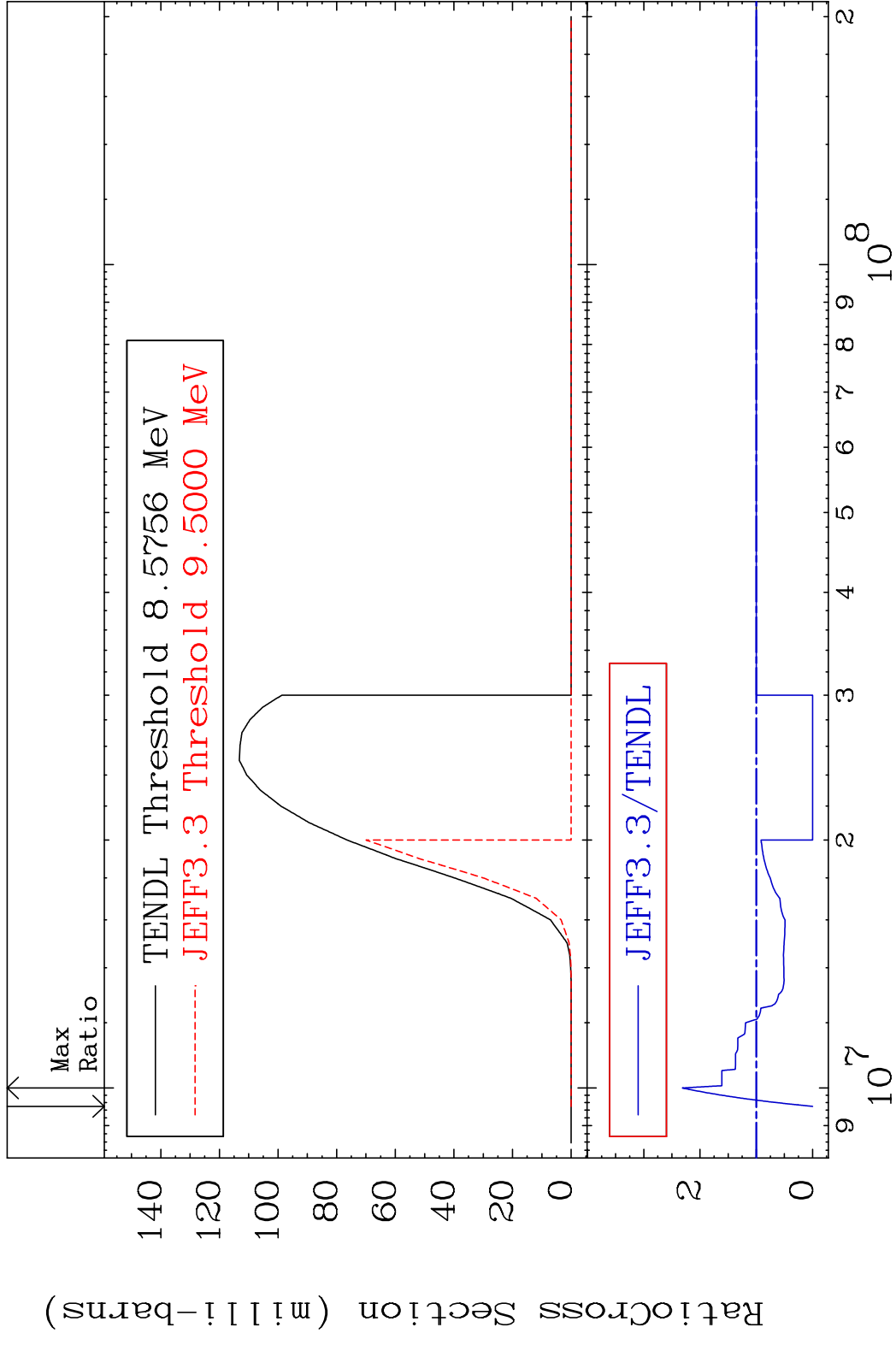
Incident Energy (eV)

²⁶Fe-54

MAT 2625 (n,2n) ²⁶Fe-54
 Cross Section -100.0 To 117.7 %

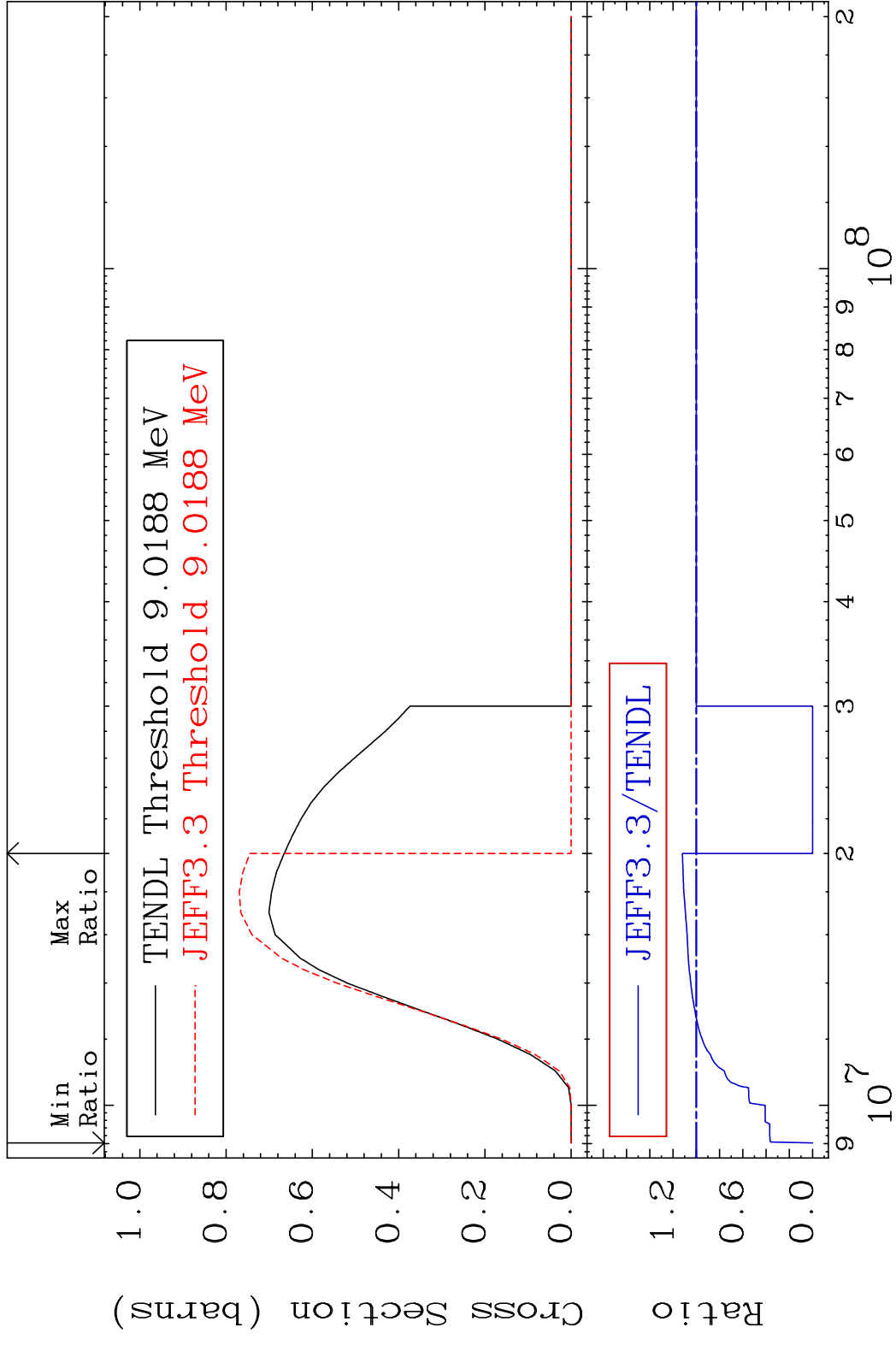


MAT 2625 (n, n') α 26-Fe-54
 Cross Section -100.0 To 131.5 %



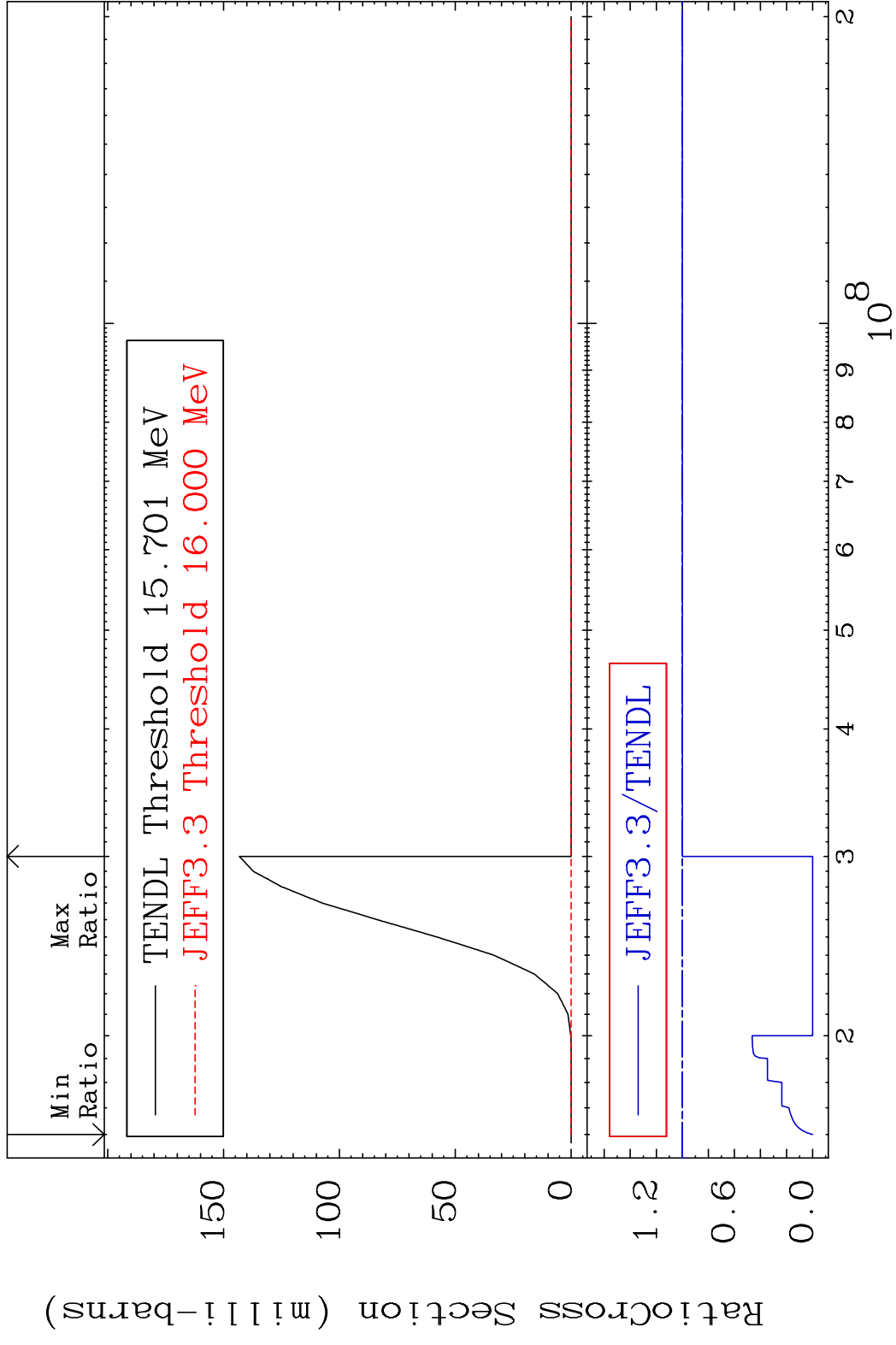
6 26-Fe-54

MAT 2625 (n, n') p 26-Fe-54
 Cross Section -100.0 To 11.96 %

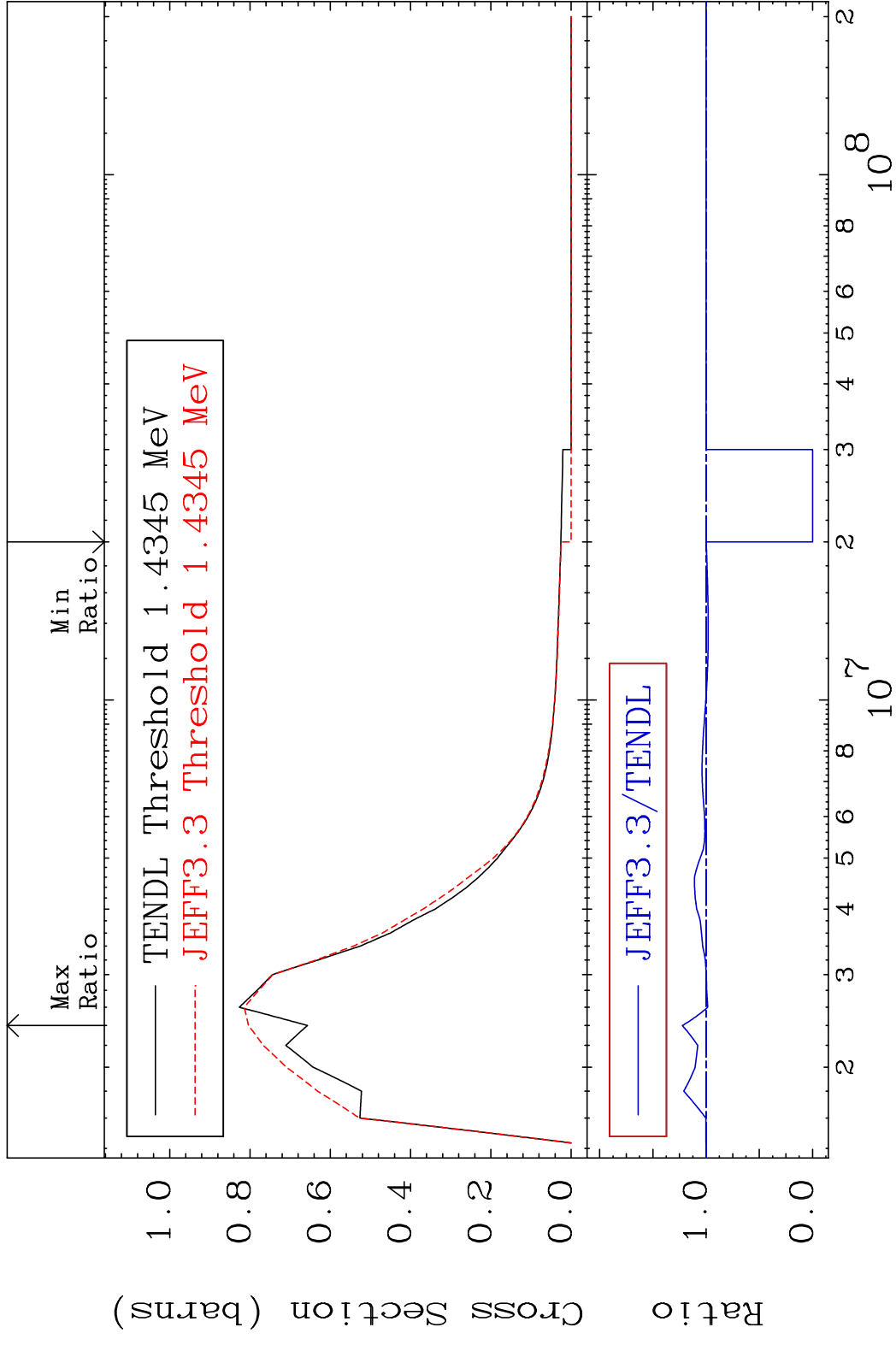


7 Incident Energy (eV) 26-Fe-54

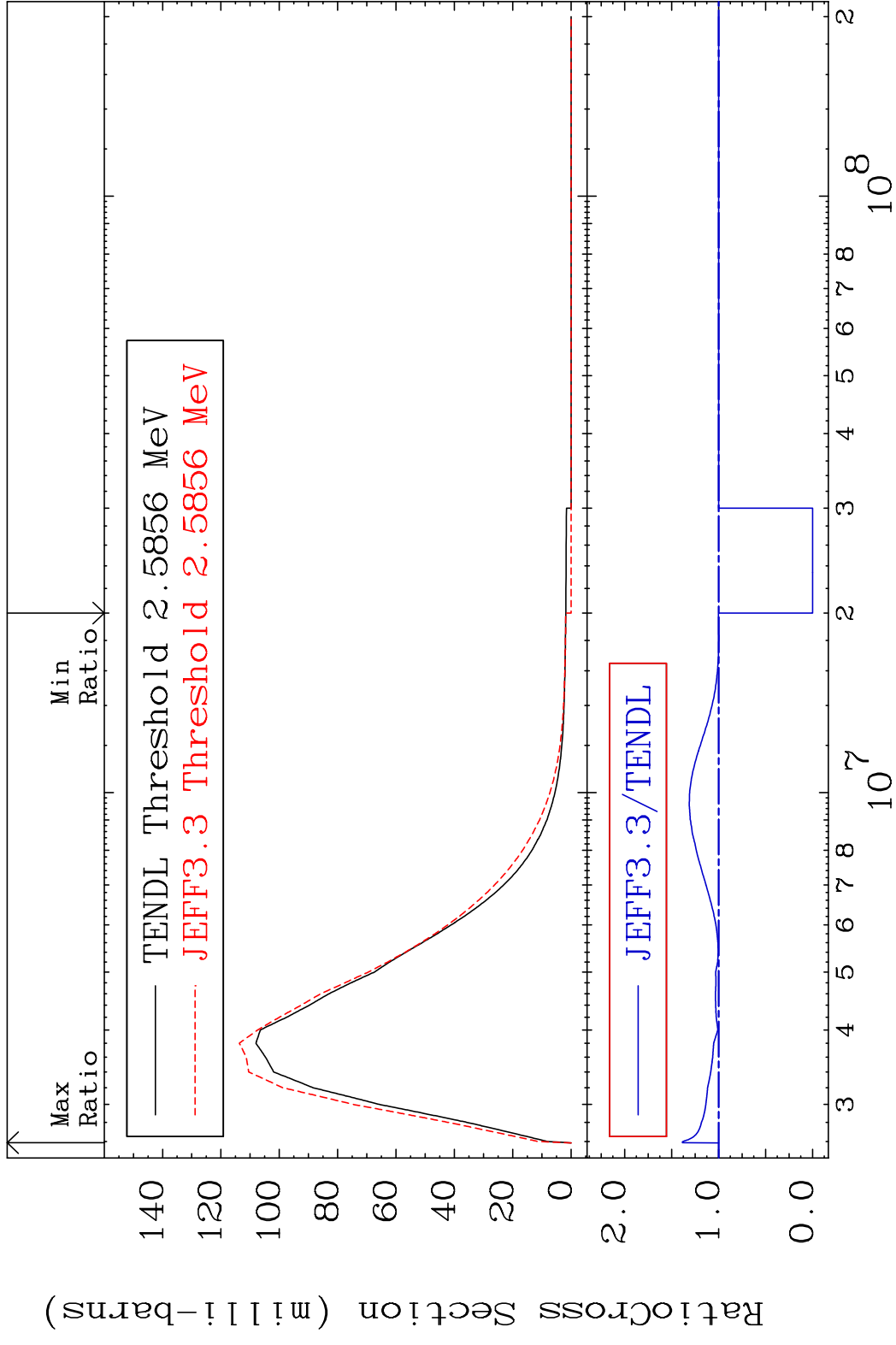
MAT 2625 (n,2n) p 26-Fe-54
 Cross Section -100.0 To 0.000 %



MAT 2625 MT= 51 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 22.34 %

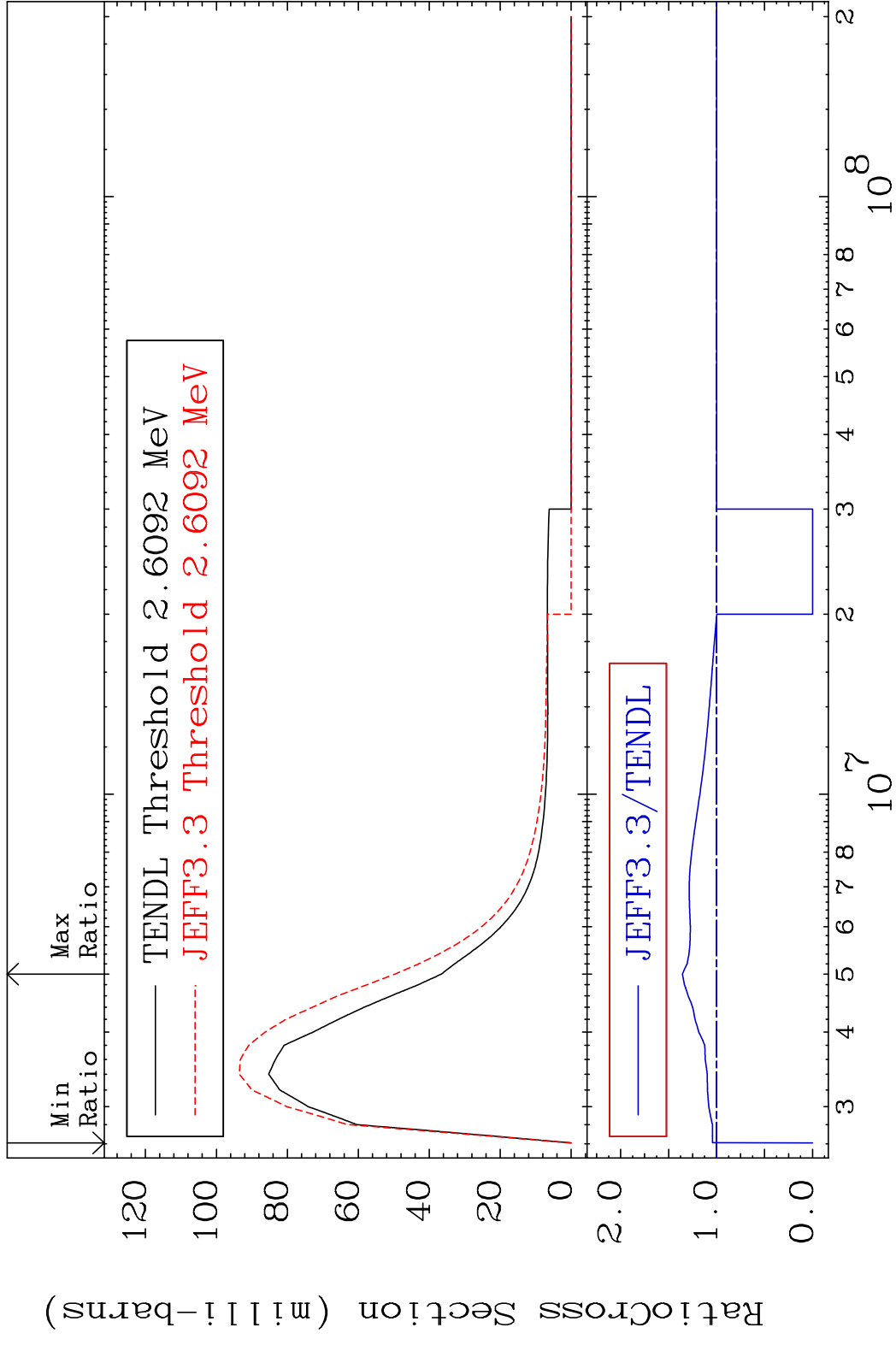


MAT 2625 MT= 52 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 38.59 %

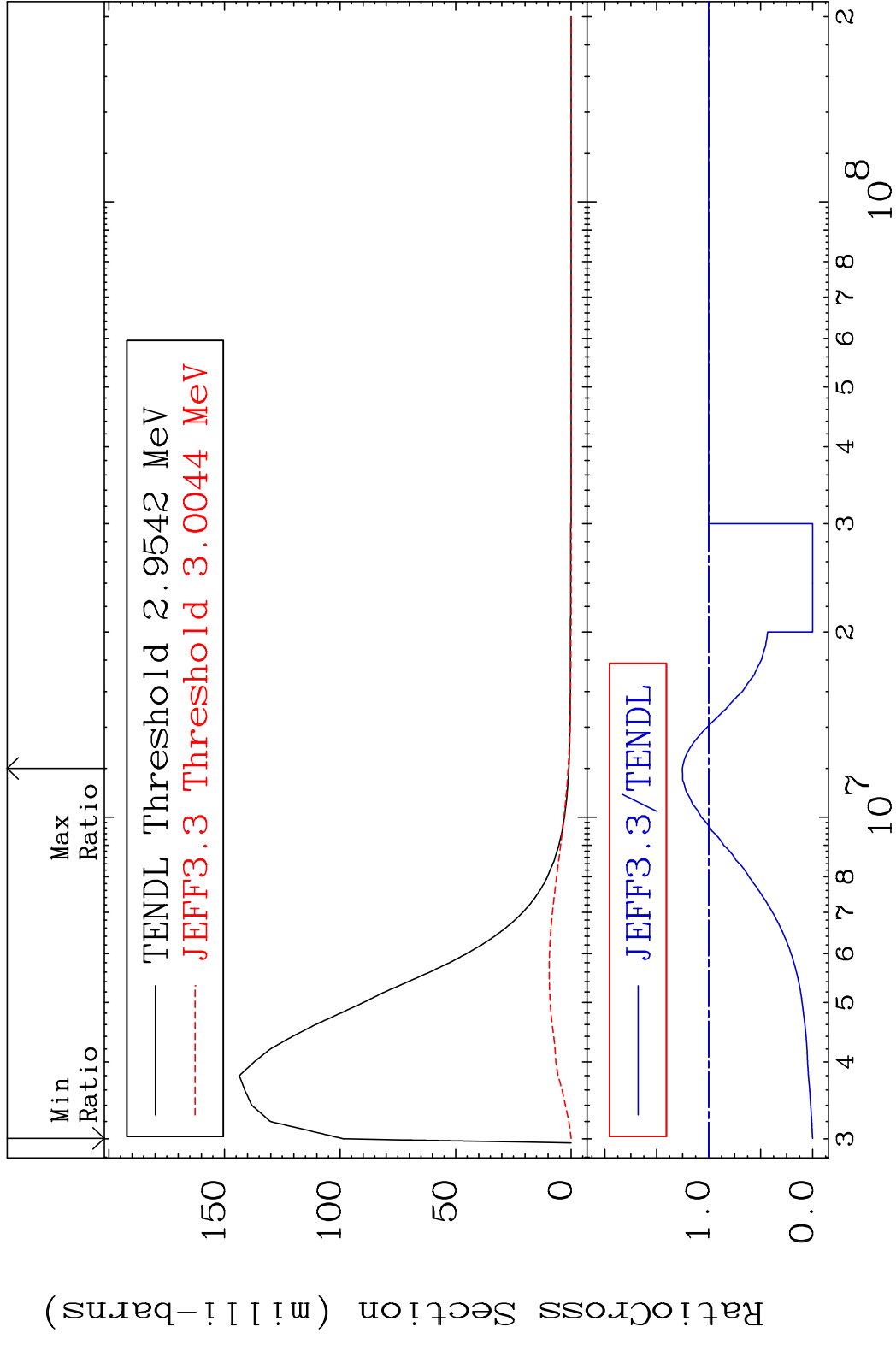


10 100 1000 10000 100000 1000000 10000000 100000000 1000000000 26-Fe-54

MAT 2625 MT= 53 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 35.69 %

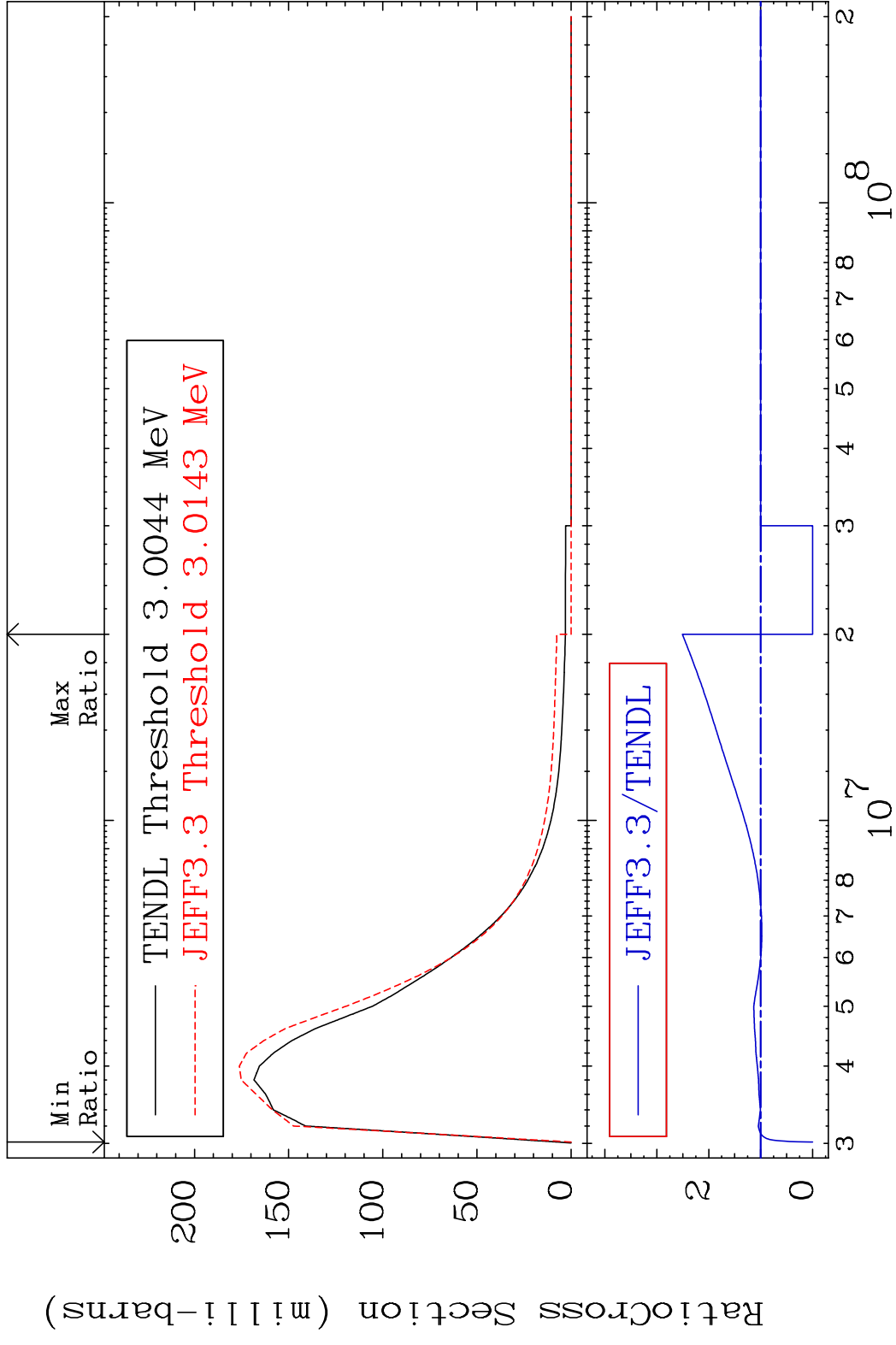


MAT 2625 MT= 54 (n,n') Level 26-Fe-54
 Cross Section -100.0 To 25.33 %

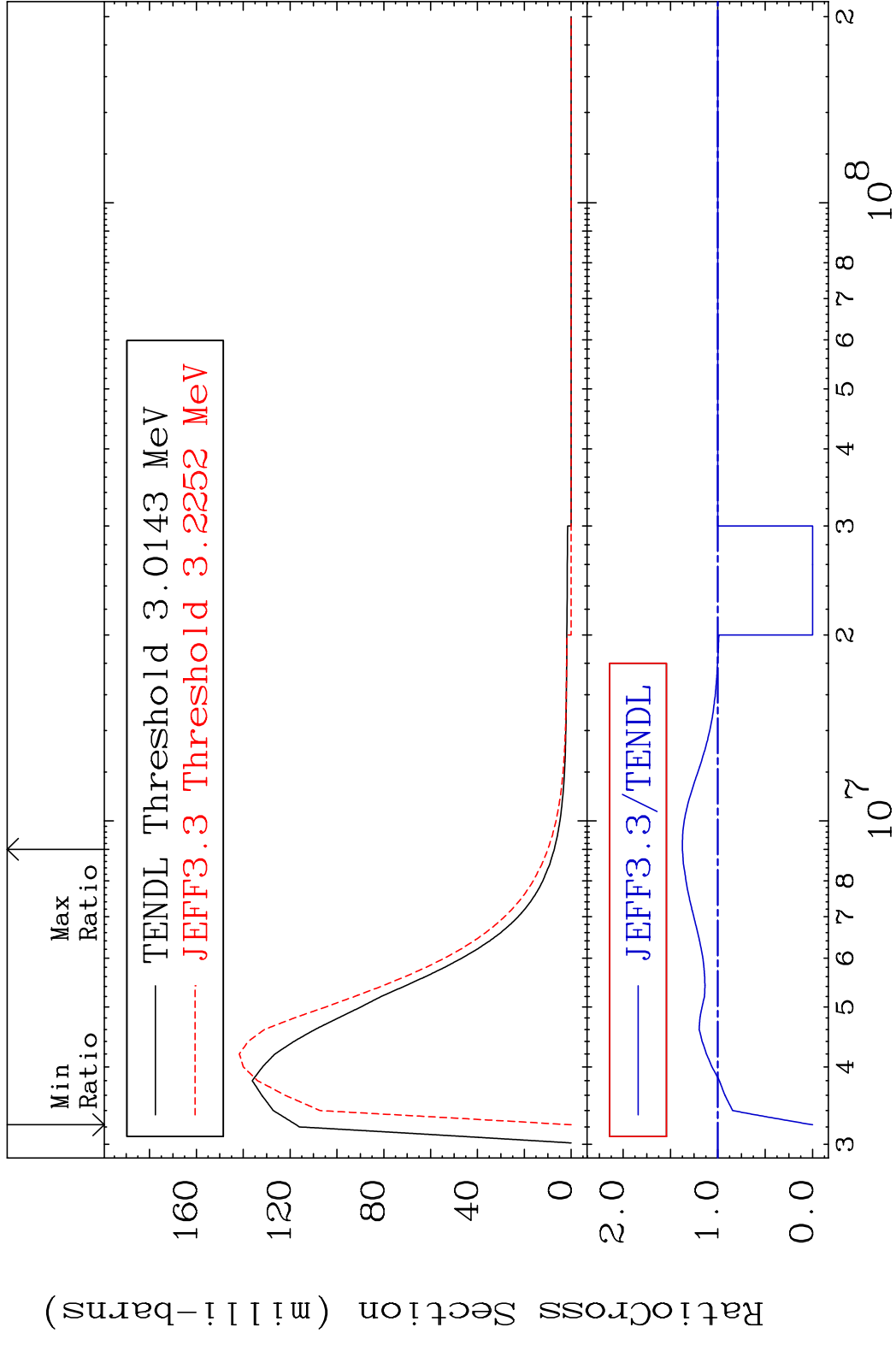


12 Incident Energy (eV) 26-Fe-54

MAT 2625 MT= 55 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 150.9 %

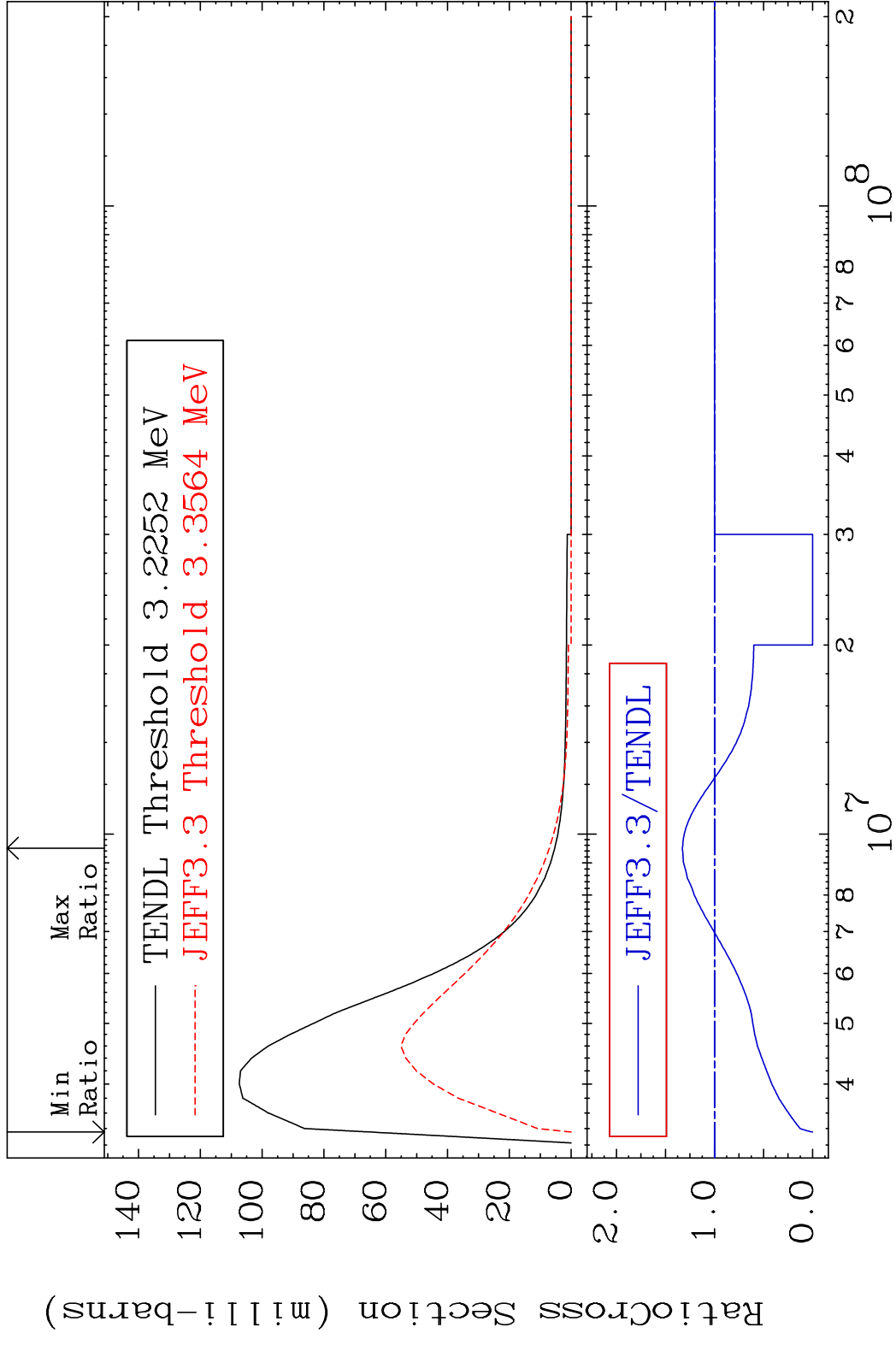


MAT 2625 MT= 56 (n,n') Level 26-Fe-54
 Cross Section -100.0 To 37.43 %

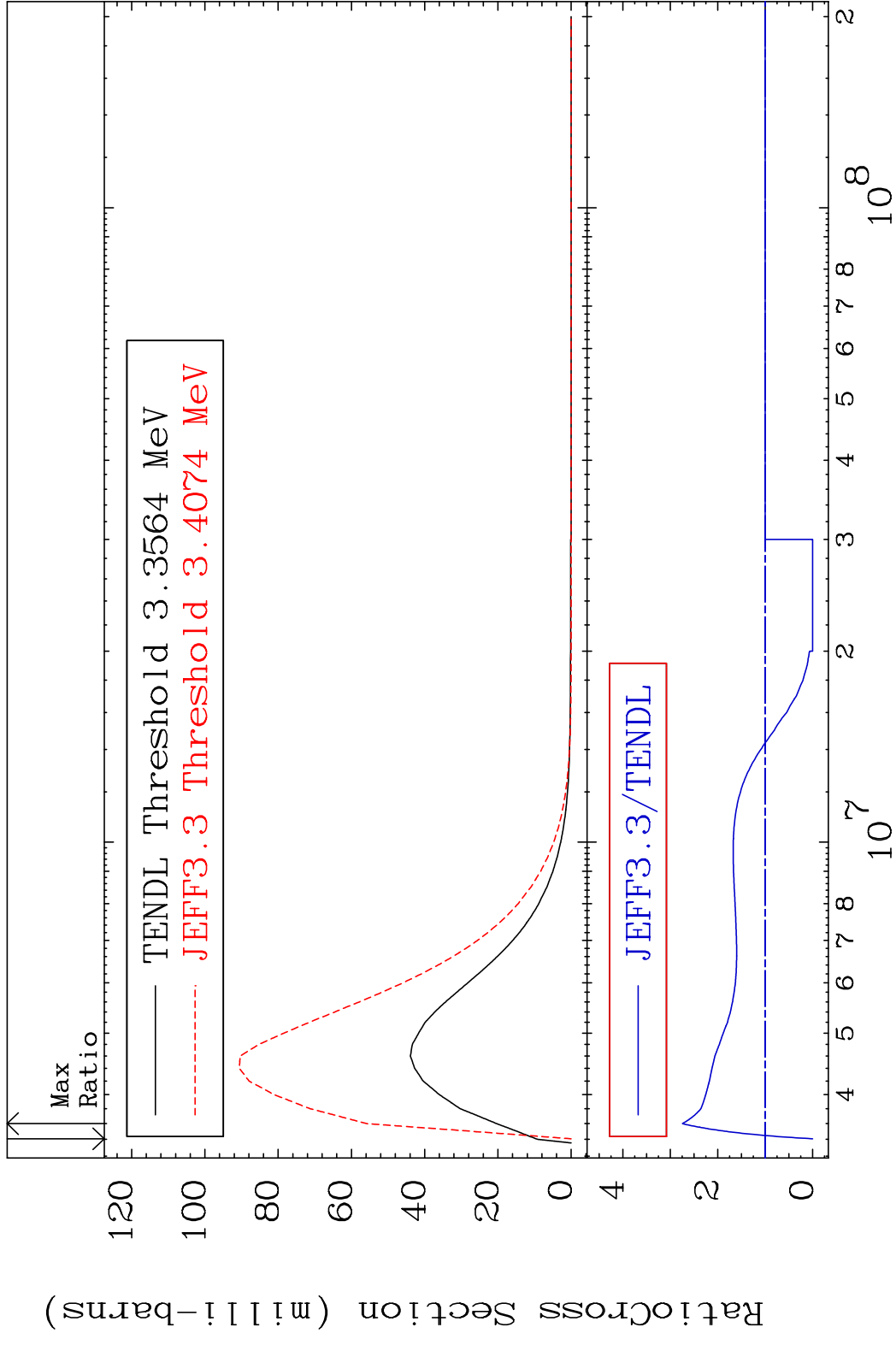


14 Incident Energy (eV) 26-Fe-54

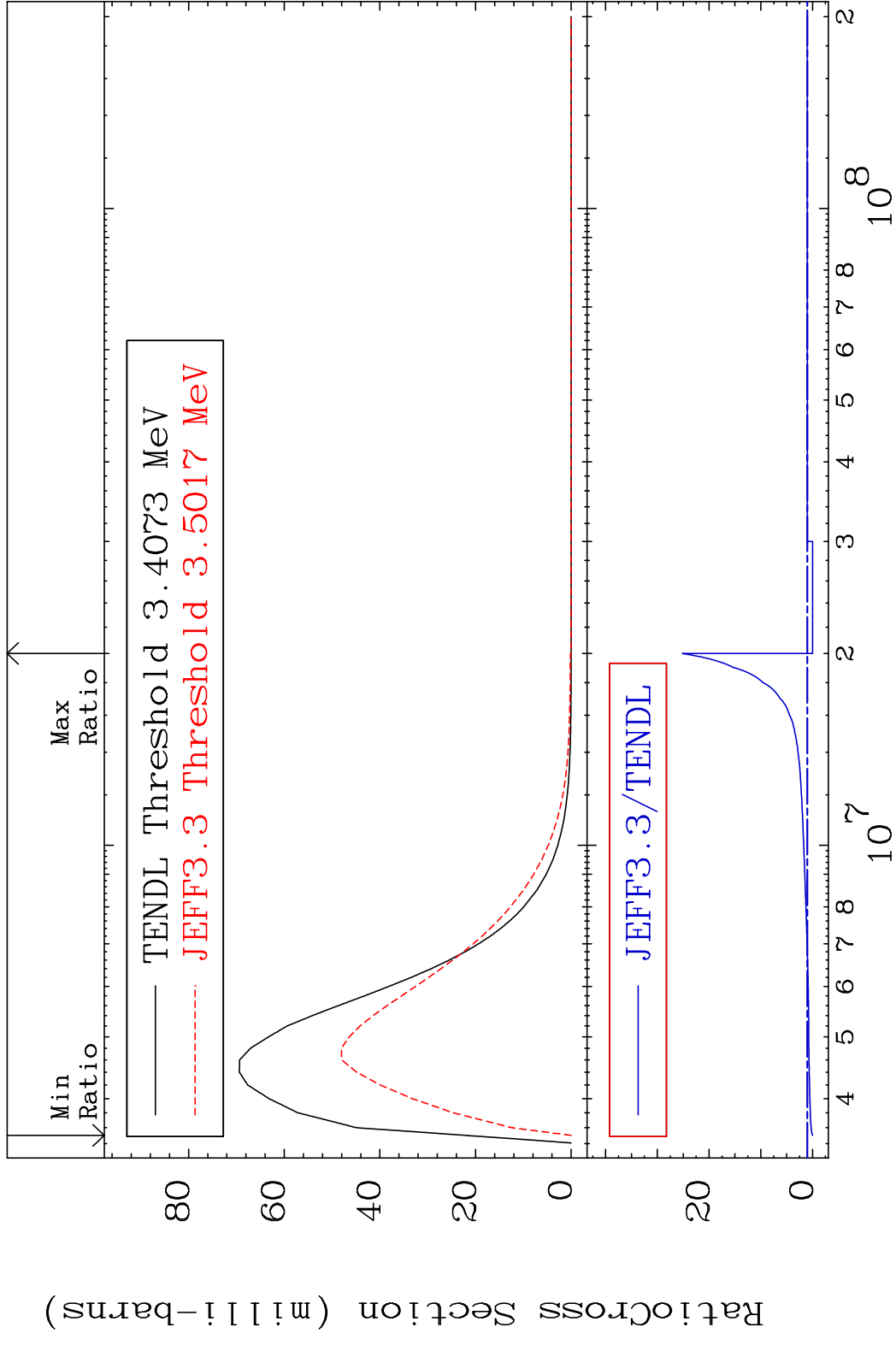
MAT 2625 MT= 57 (n,n') Level 26-Fe-54
 Cross Section -100.0 To 32.74 %



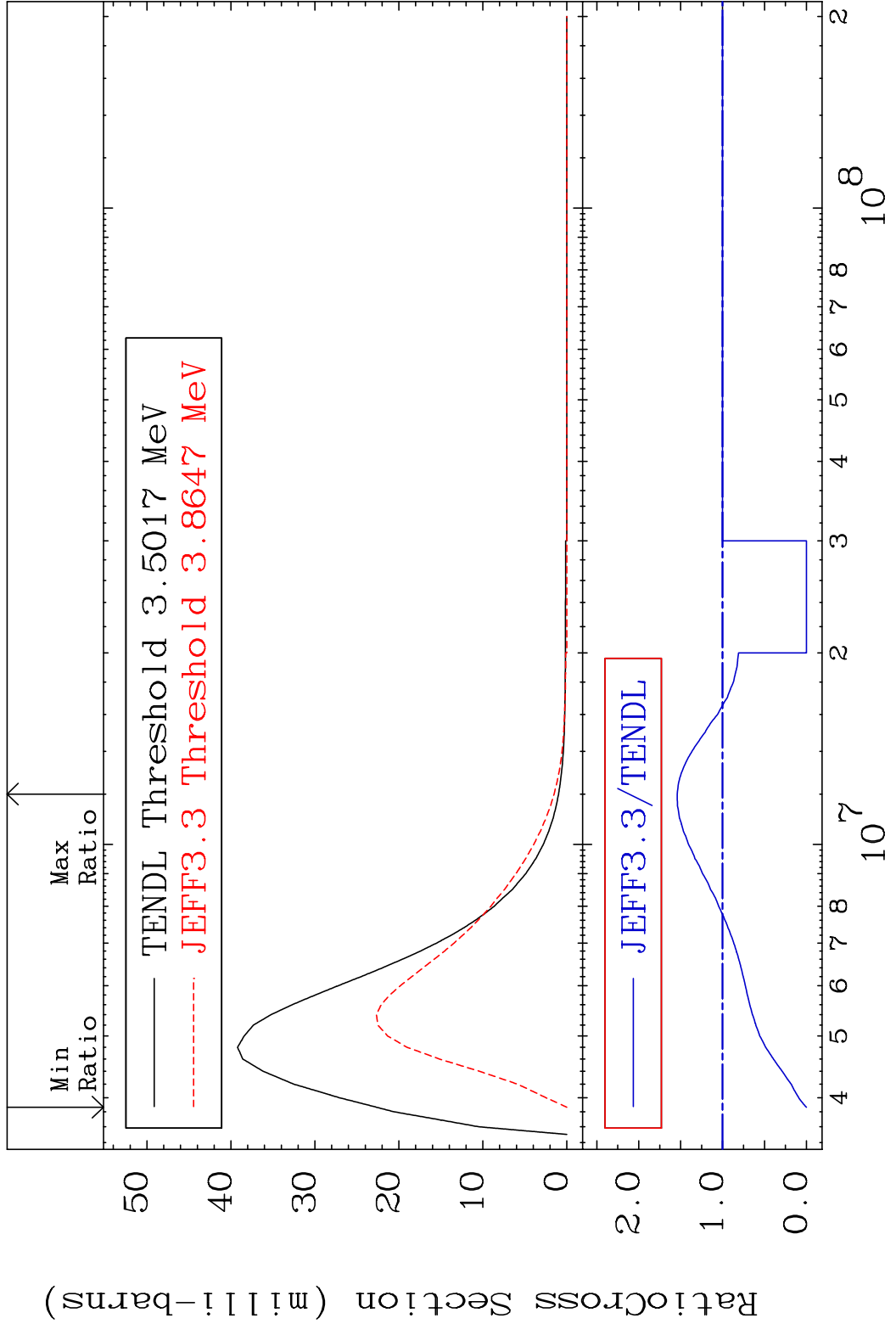
MAT 2625 MT= 58 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 174.5 %



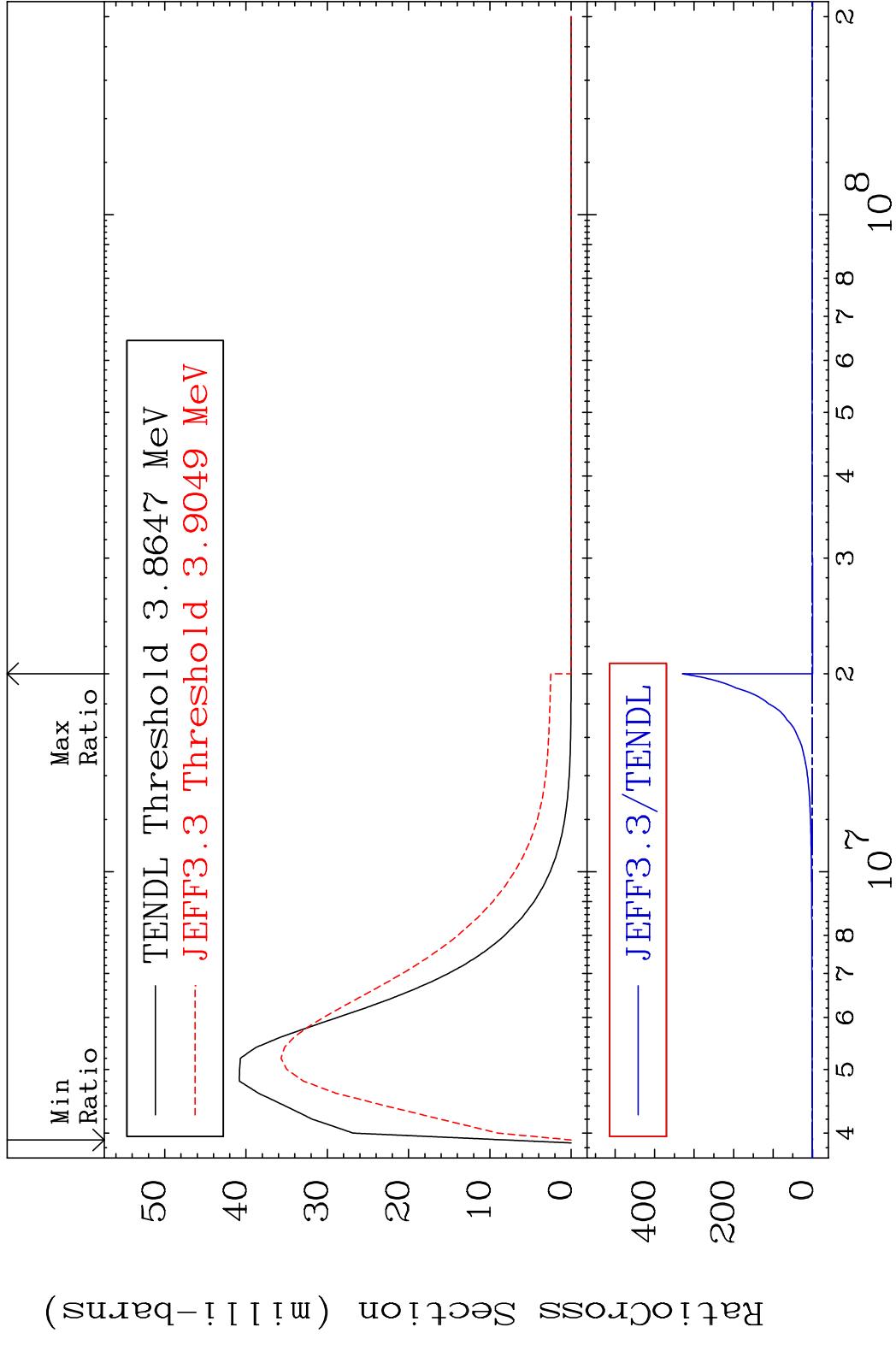
MAT 2625 MT= 59 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 2417. %



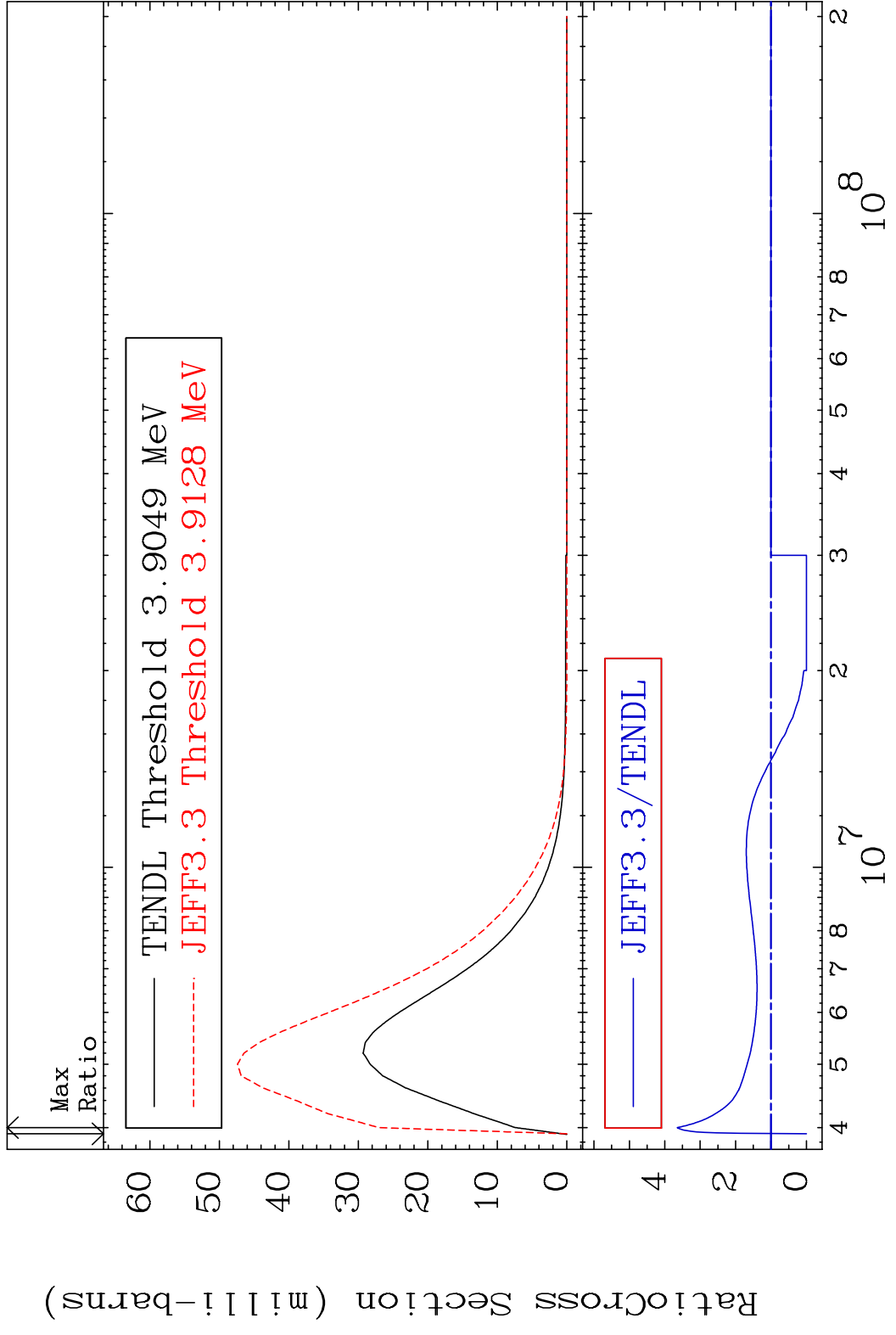
MAT 2625 MT= 60 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 54.13 %



MAT 2625 MT= 61 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 9999. %

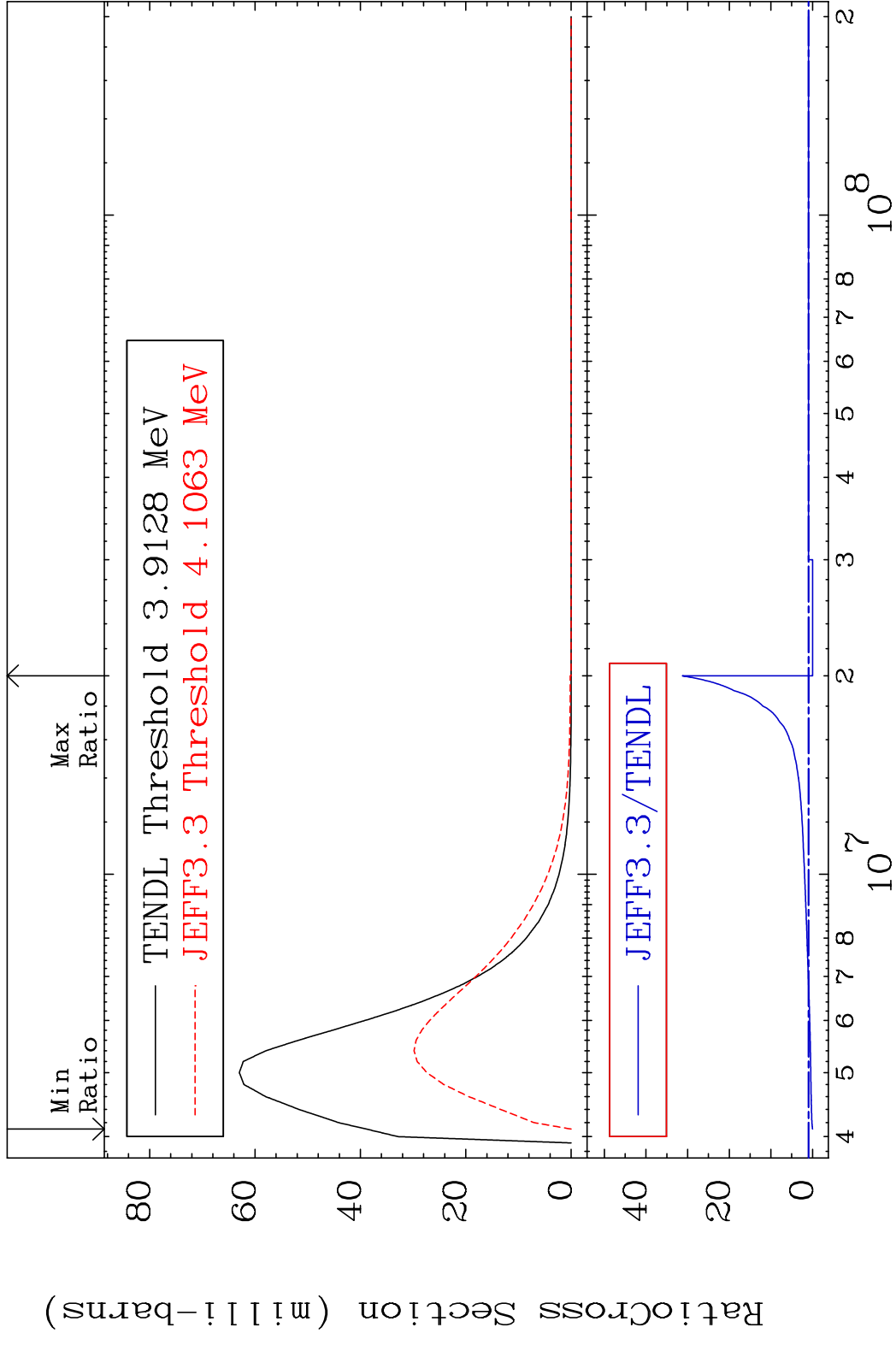


MAT 2625 MT= 62 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 264.9 %



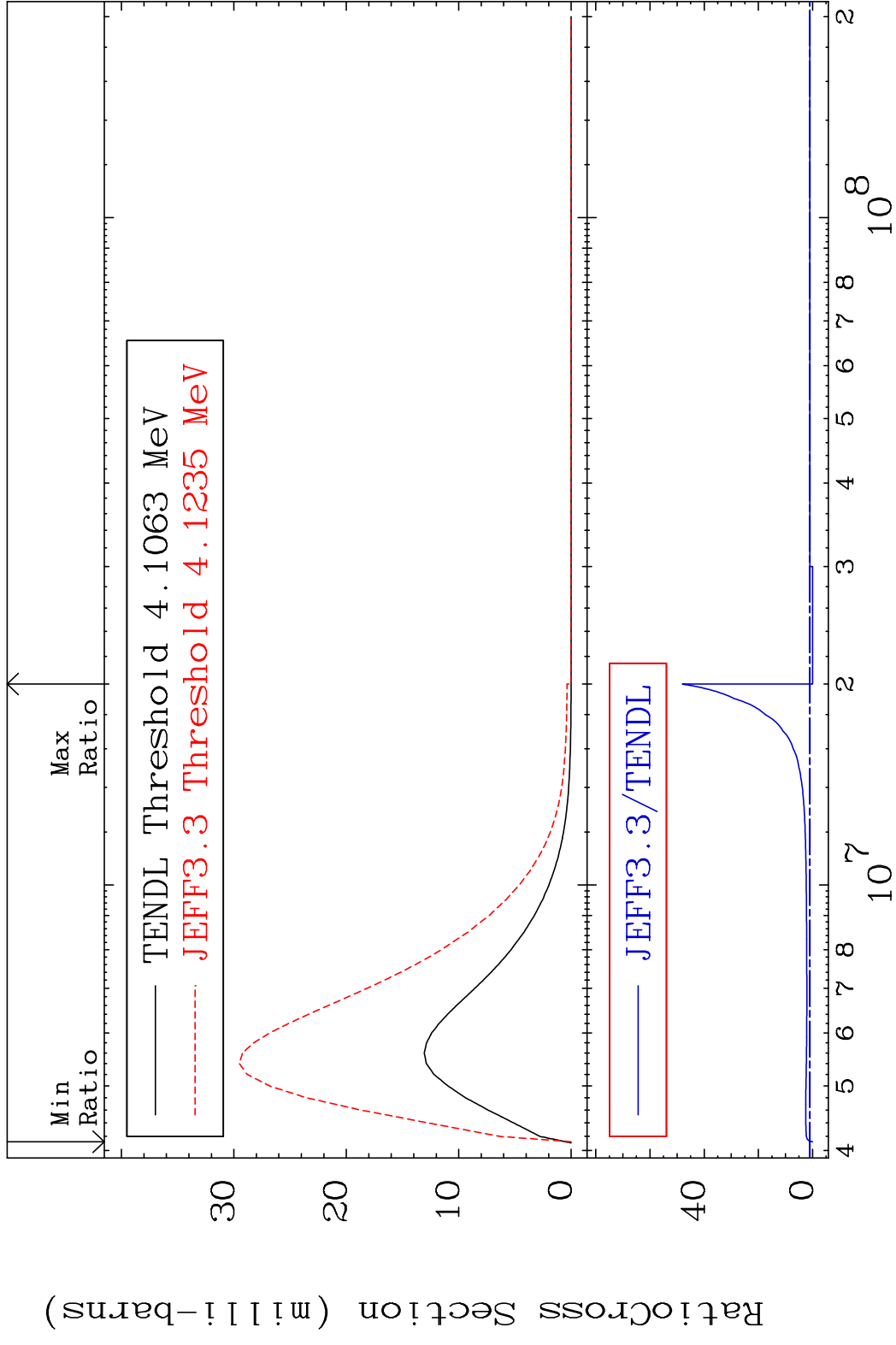
20 26-Fe-54

MAT 2625 MT= 63 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 3027. %

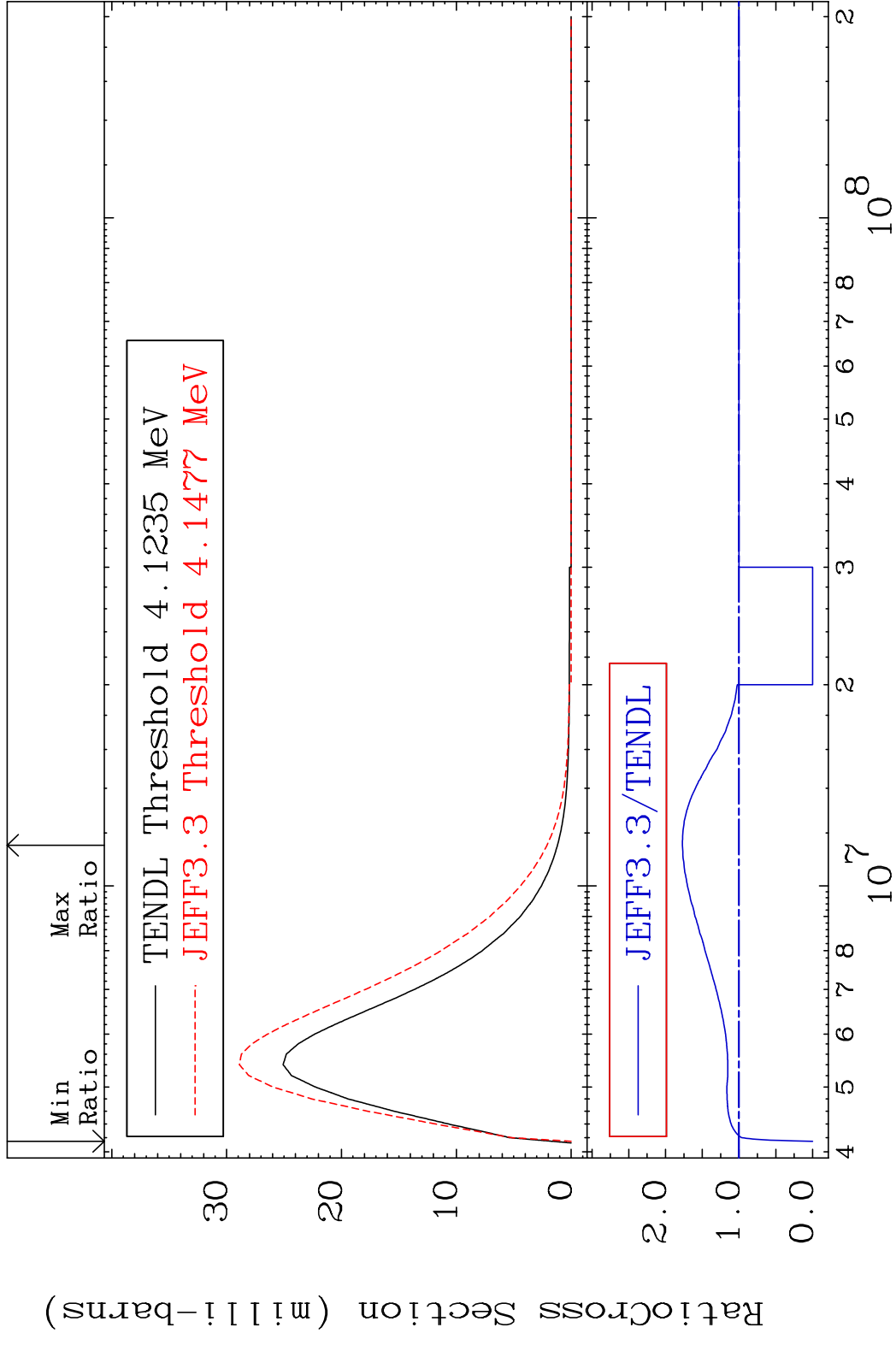


21 Incident Energy (eV) 26-Fe-54

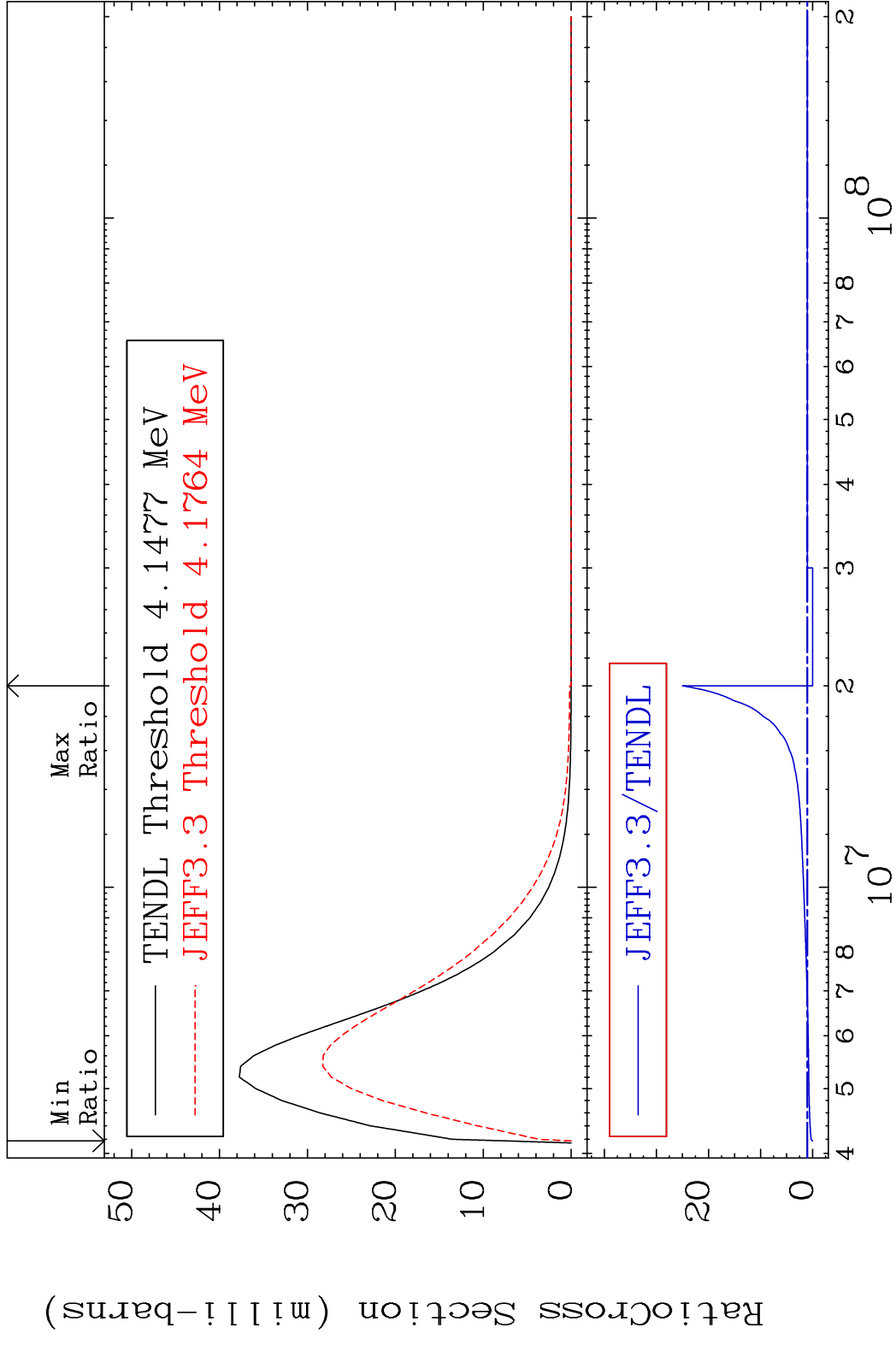
MAT 2625 MT= 64 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 4705. %



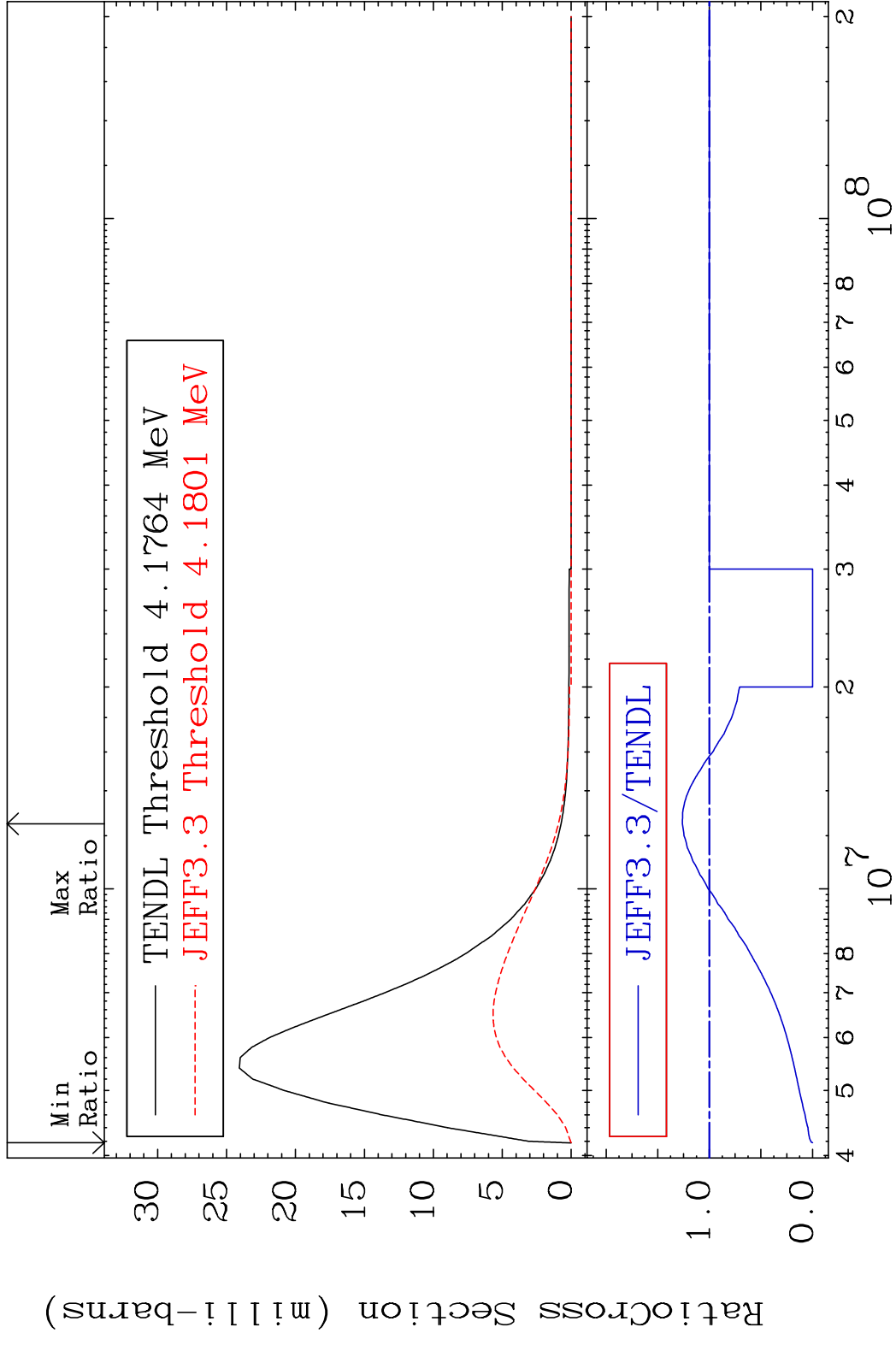
MAT 2625 MT= 65 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 77.11 %



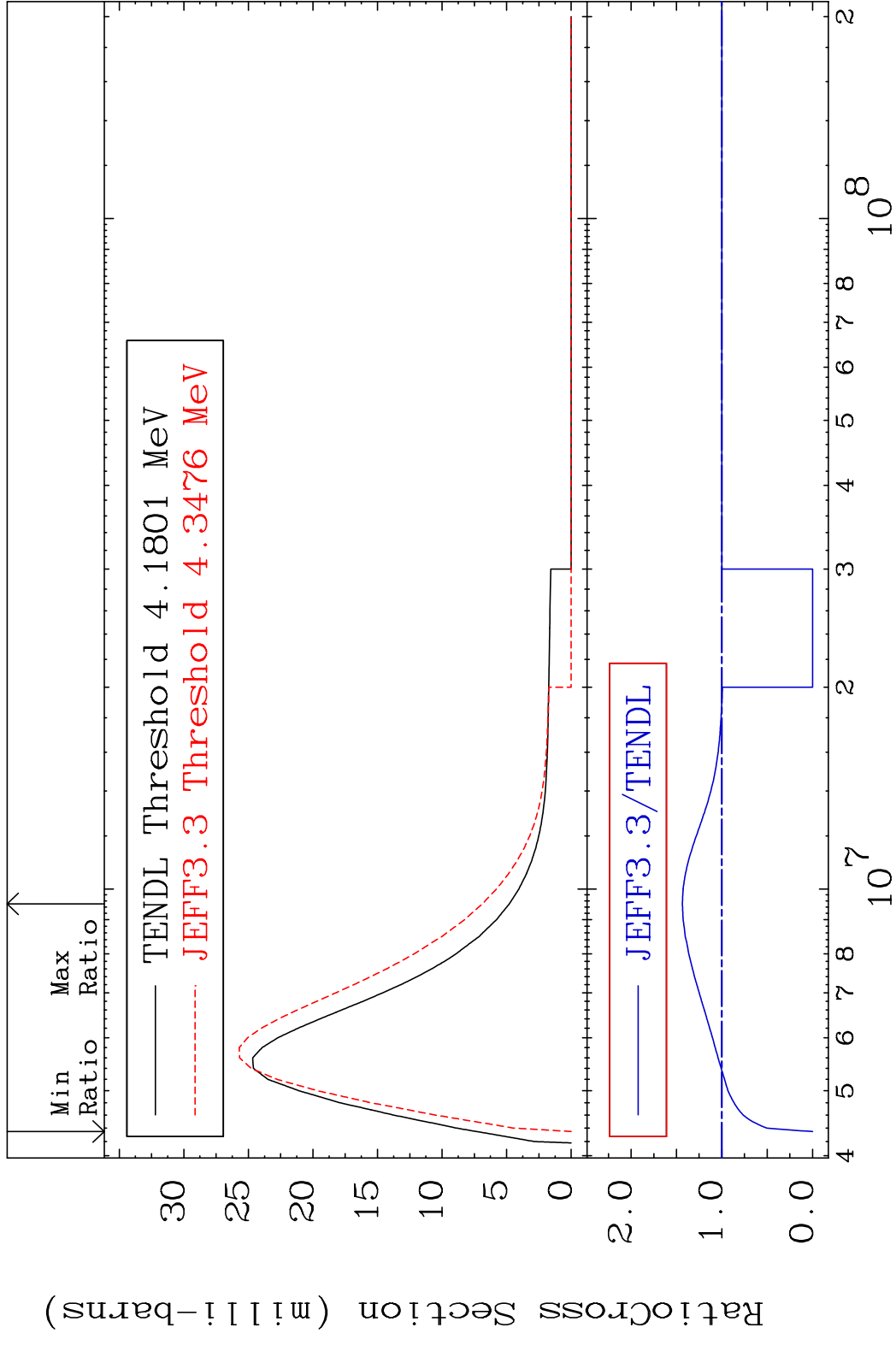
MAT 2625 MT= 66 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 2403. %



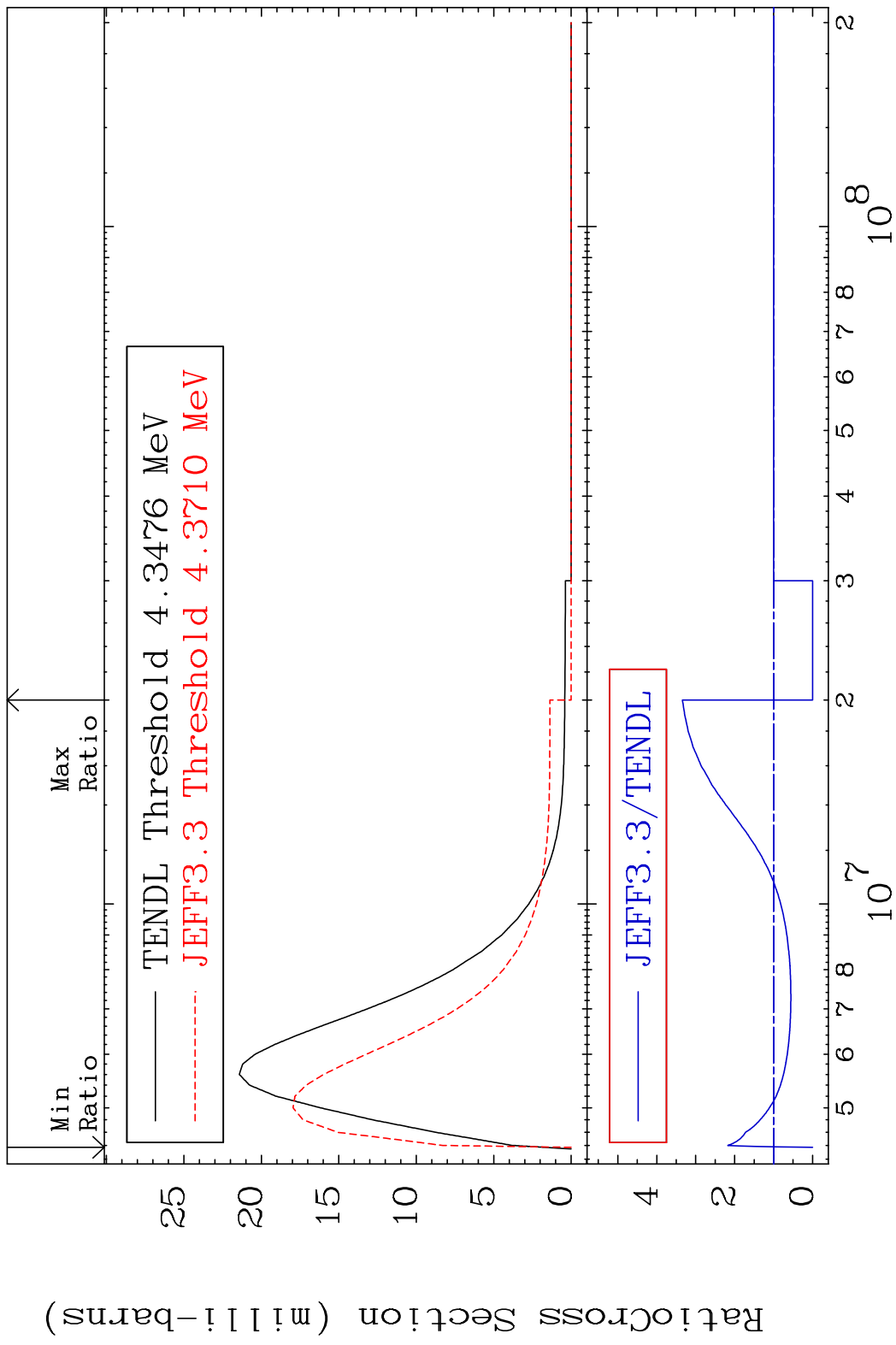
MAT 2625 MT= 67 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 26.14 %



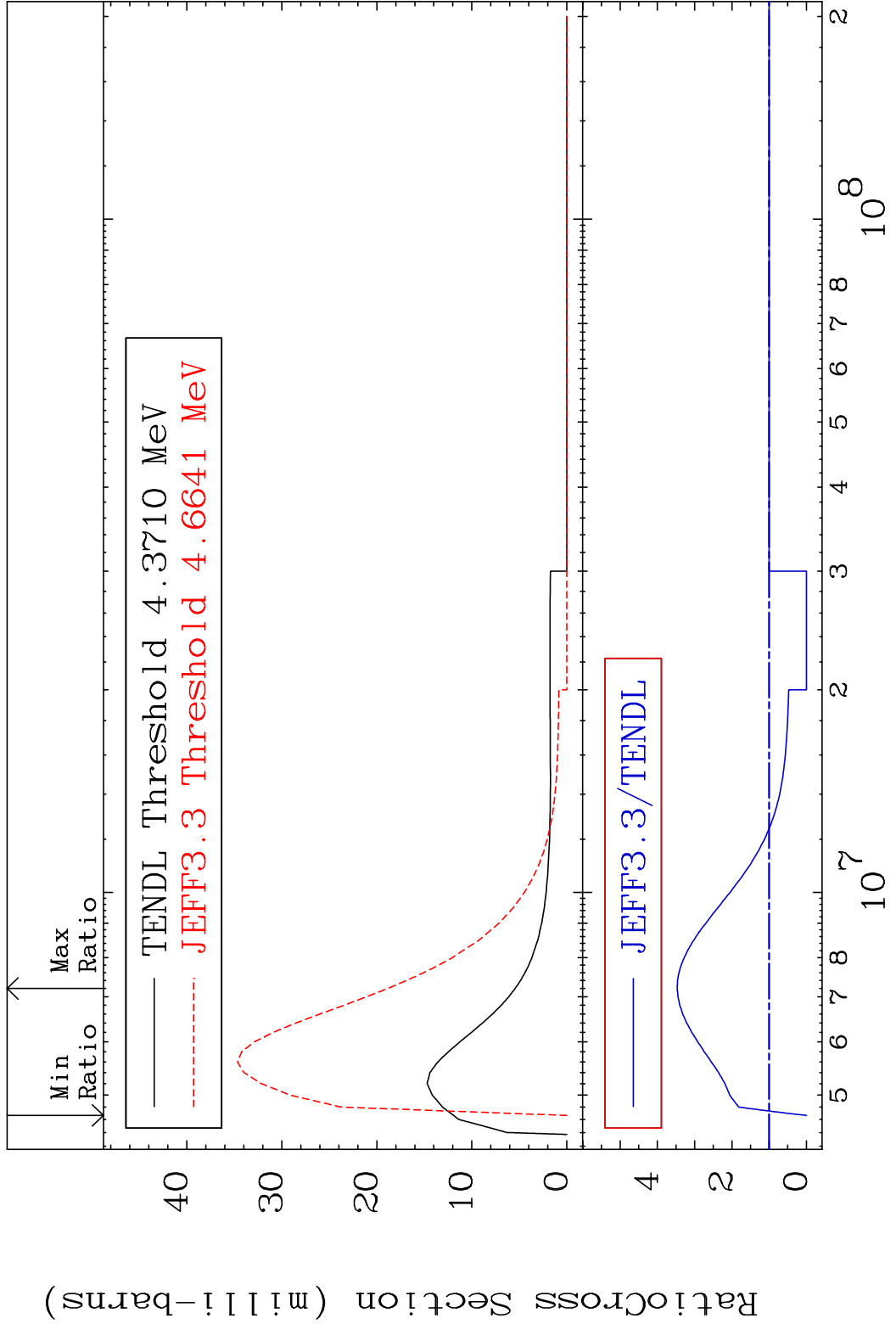
MAT 2625 MT= 68 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 43.51 %



MAT 2625 MT= 69 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 234.3 %



MAT 2625 MT= 70 (n, n') Level 26-Fe-54
 Cross Section -100.0 To 246.8 %

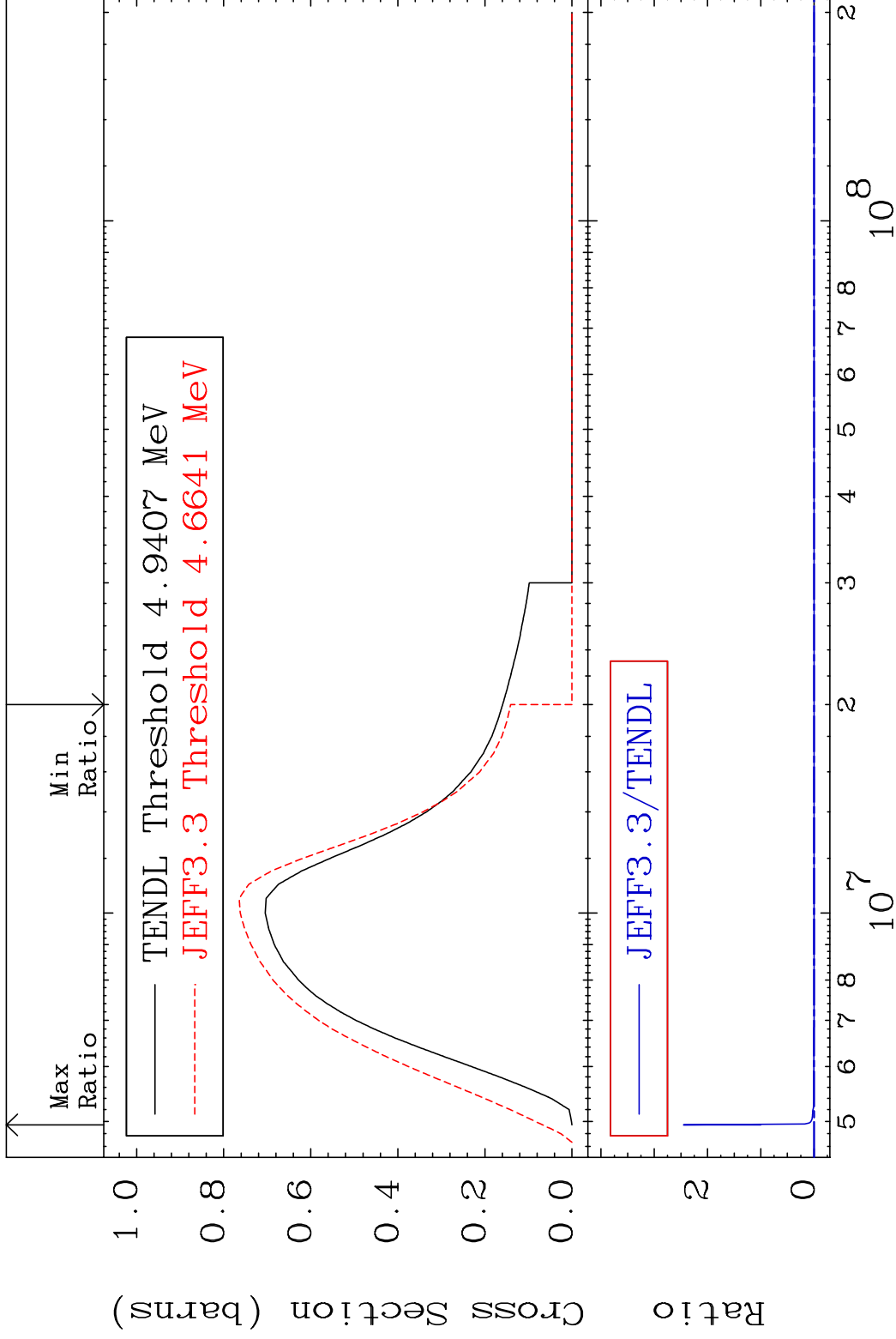


MAT 2625

(n,n') Continuum

²⁶Fe-54

Cross Section -100.0 To 9999. %



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Incident Energy (eV)

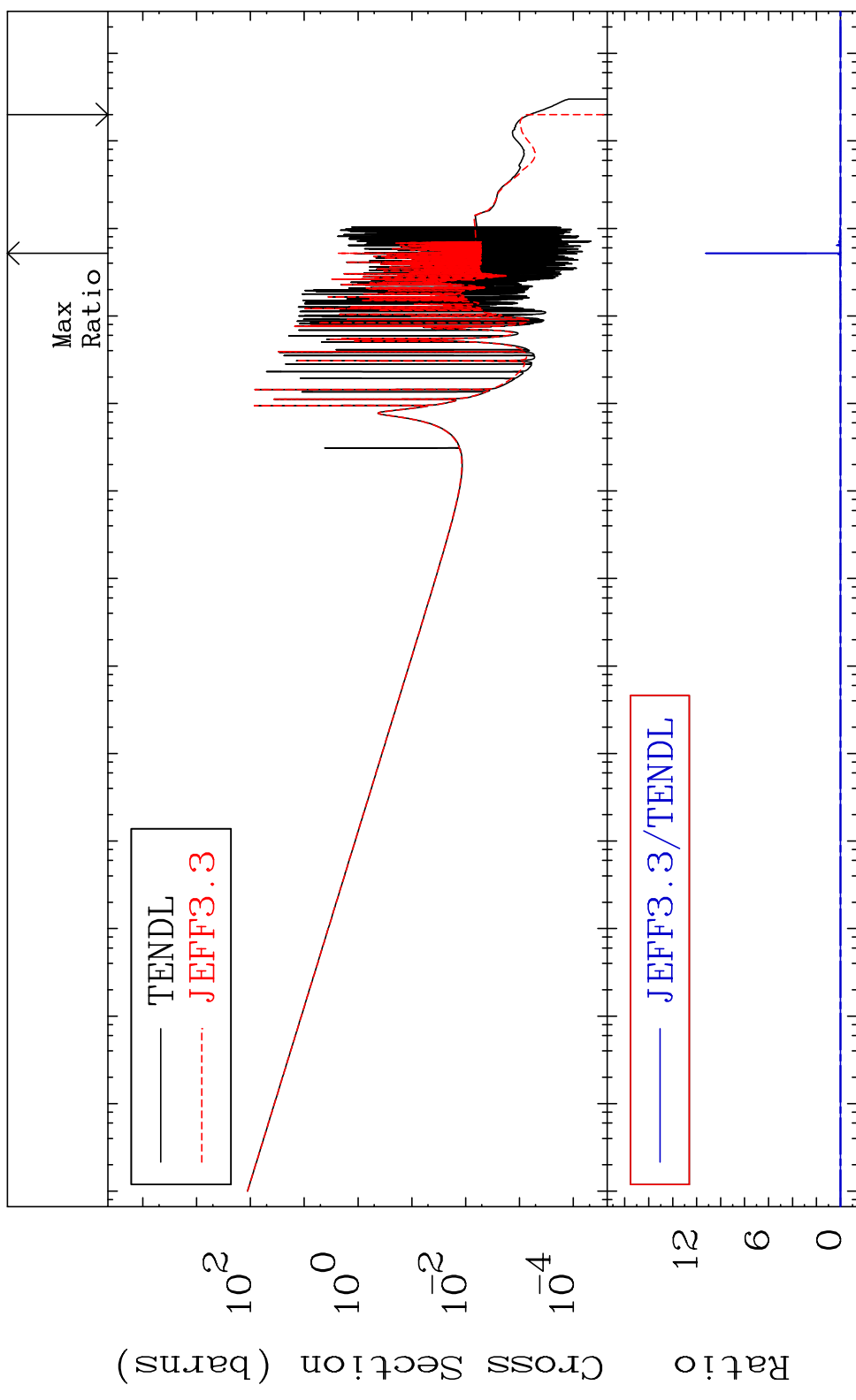
²⁶Fe-54

MAT 2625

(n, γ)

²⁶Fe-54

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

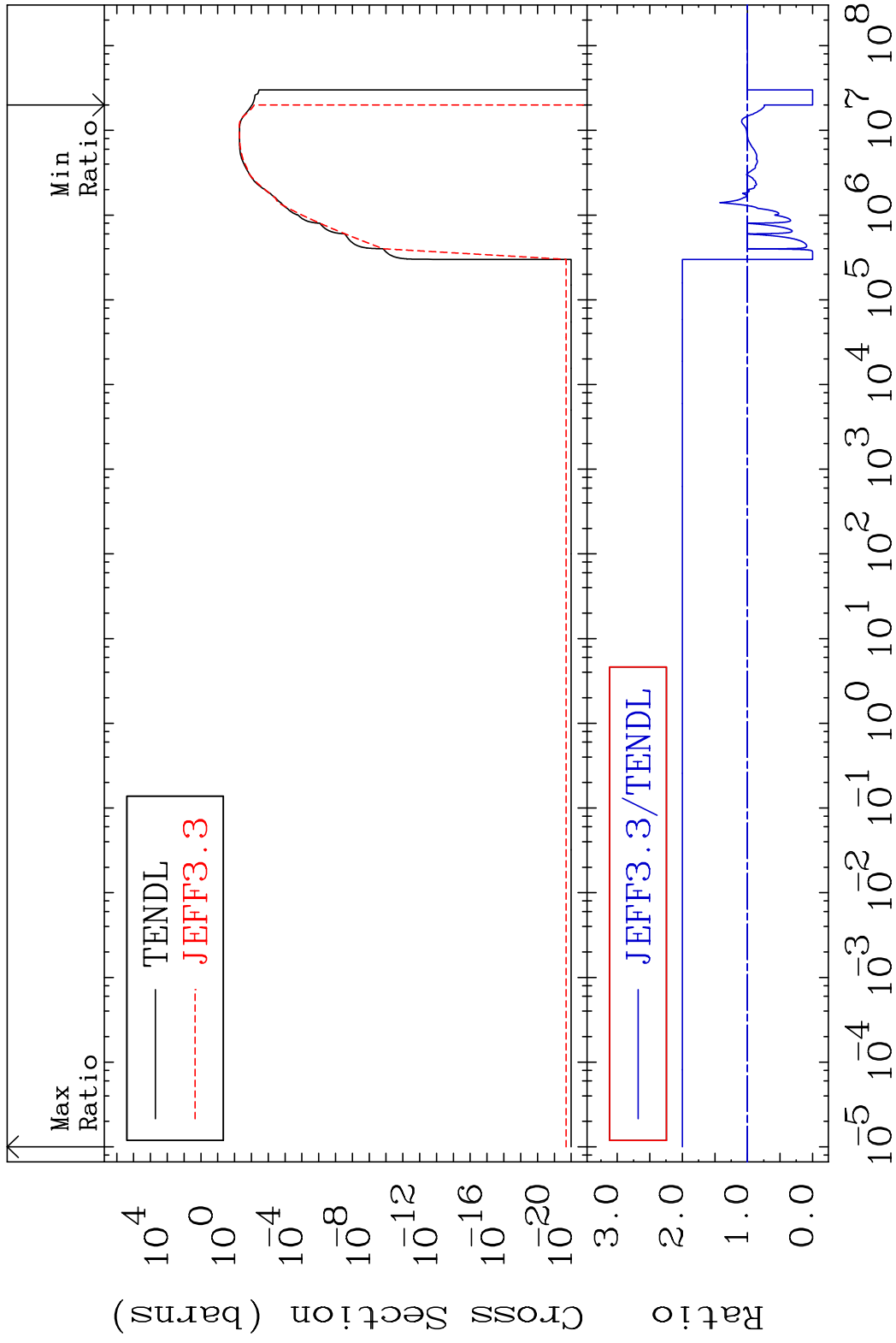
²⁶Fe-54

MAT 2625

(n,p)

26-Fe-54

Cross Section -100.0 To 100.0 %

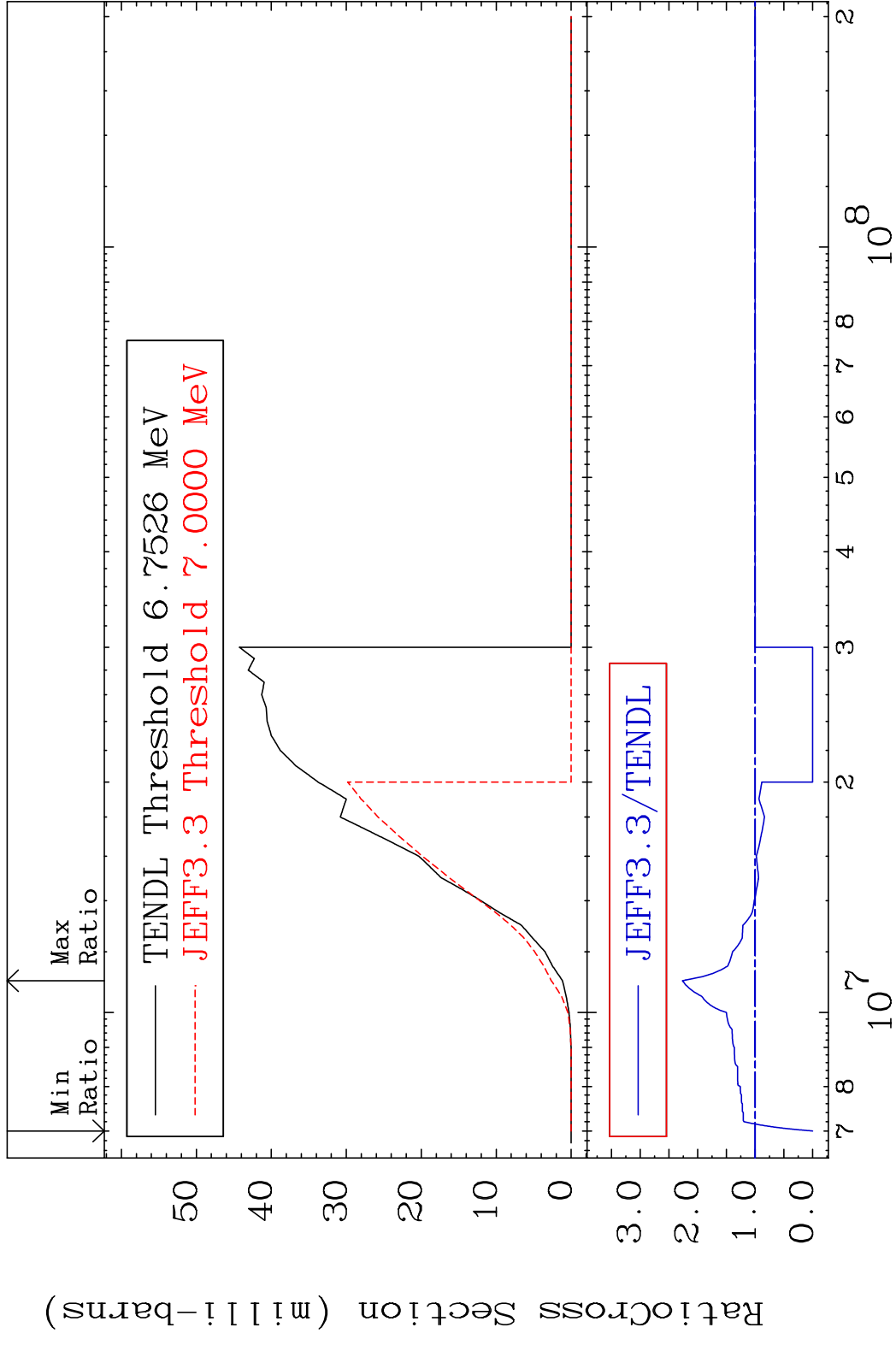


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Incident Energy (eV)

26-Fe-54

MAT 2625 (n,d) 26-Fe-54
 Cross Section -100.0 To 126.6 %

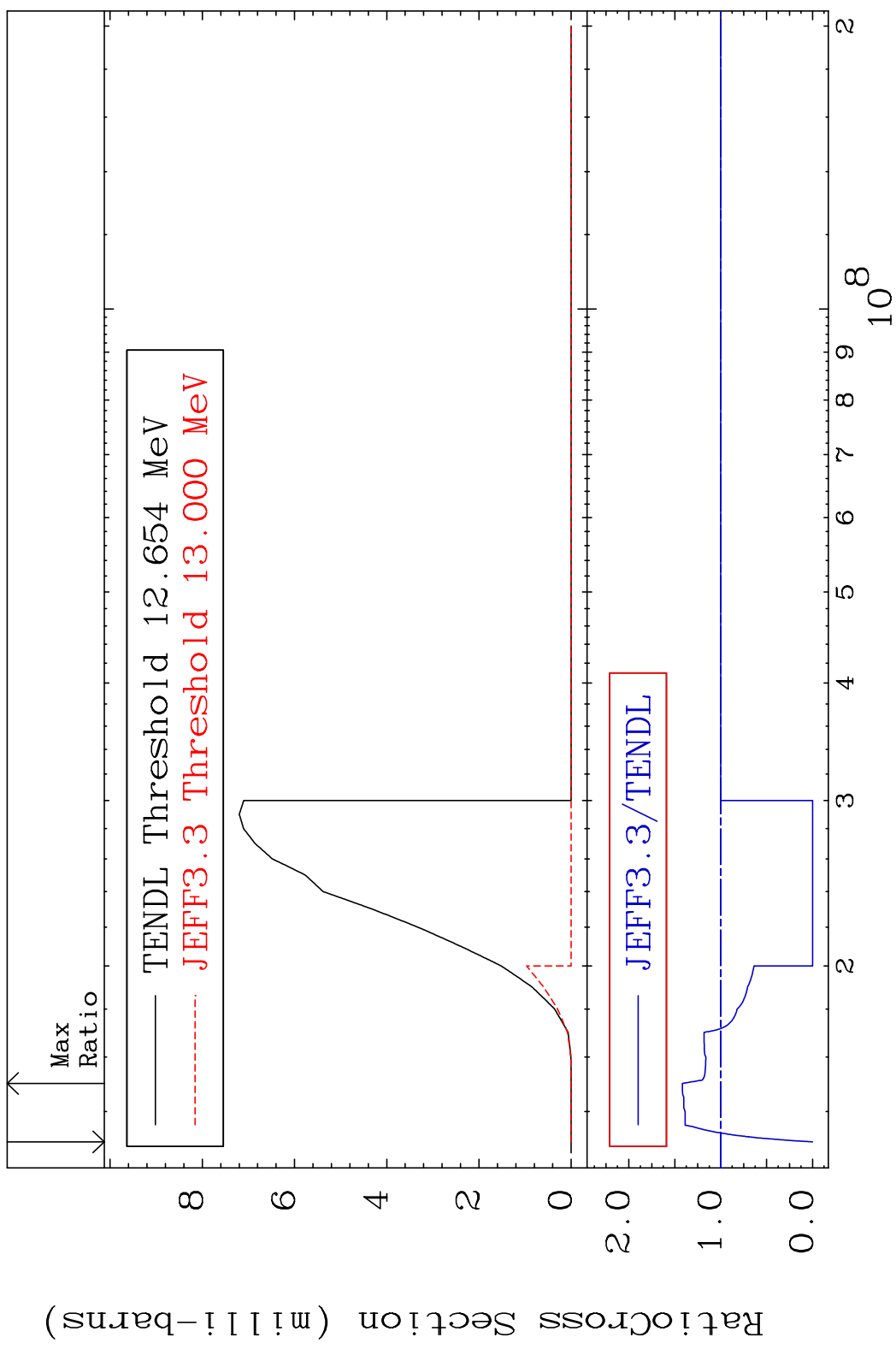


MAT 2625

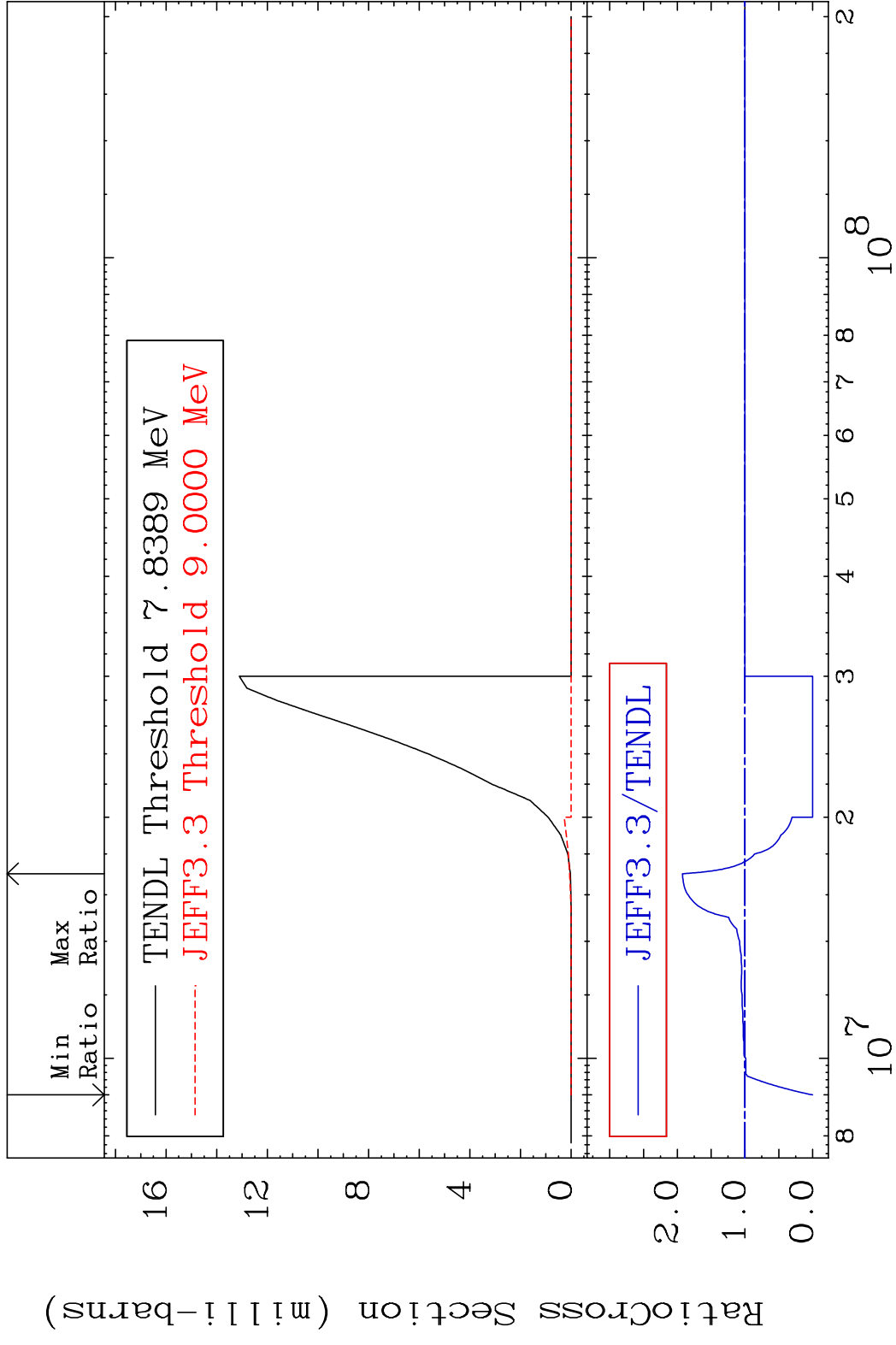
(n, t)

²⁶Fe-54

Cross Section -100.0 To 41.76 %



MAT 2625 (n, He-3) ²⁶Fe-54
 Cross Section -100.0 To 92.57 %

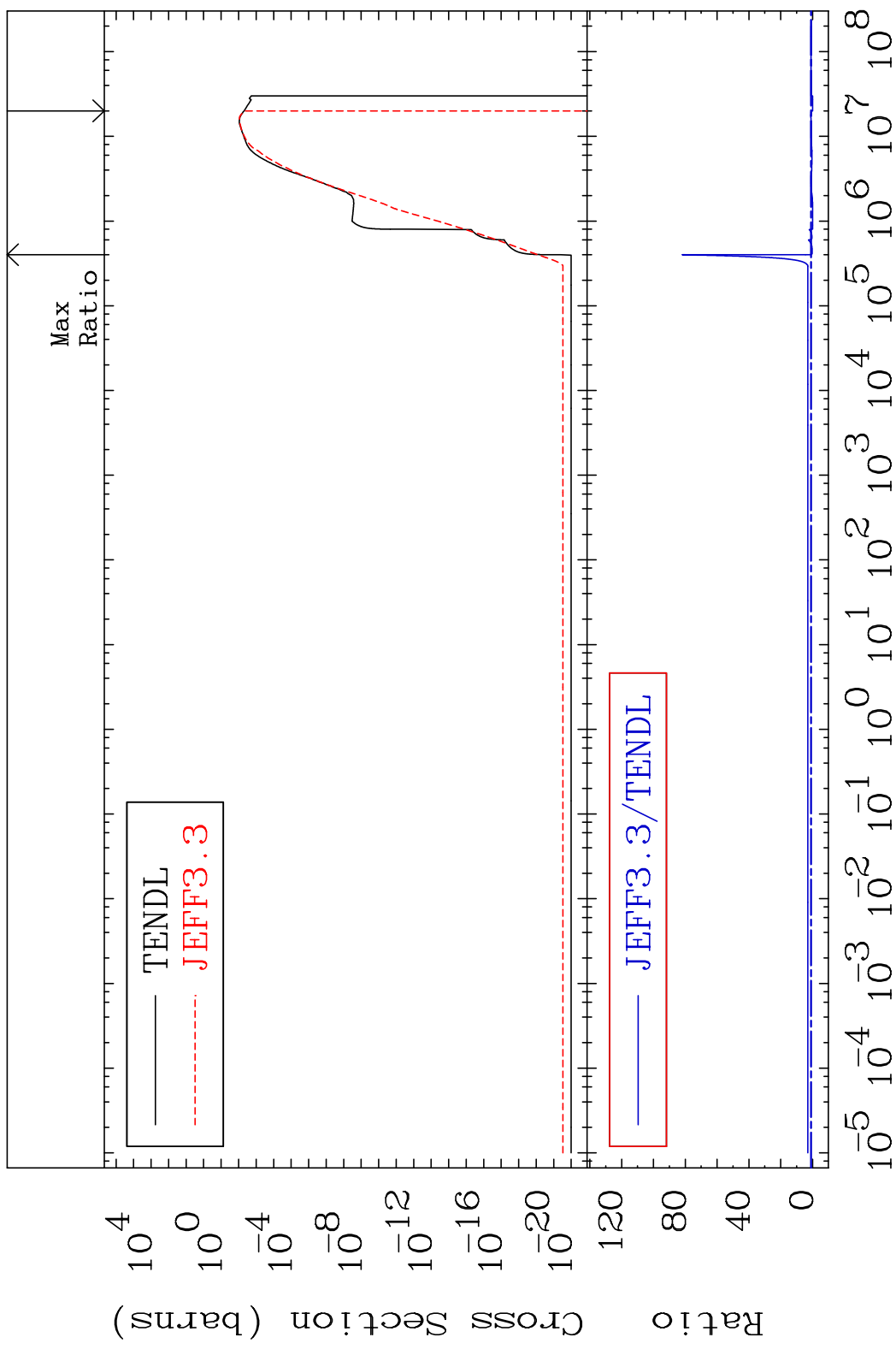


MAT 2625

(n, α)

²⁶Fe-54

Cross Section -100.0 To 8084. %

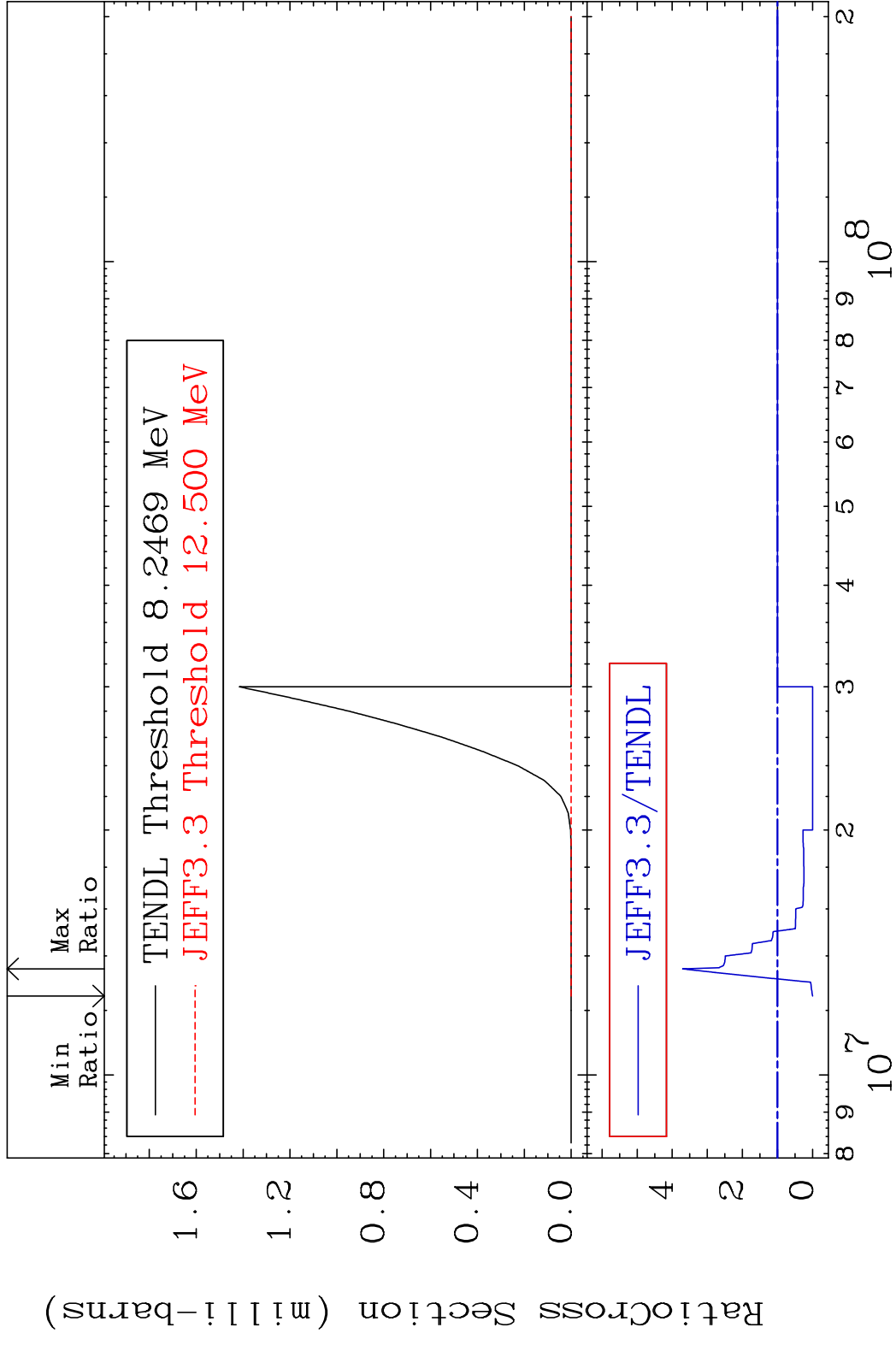


35

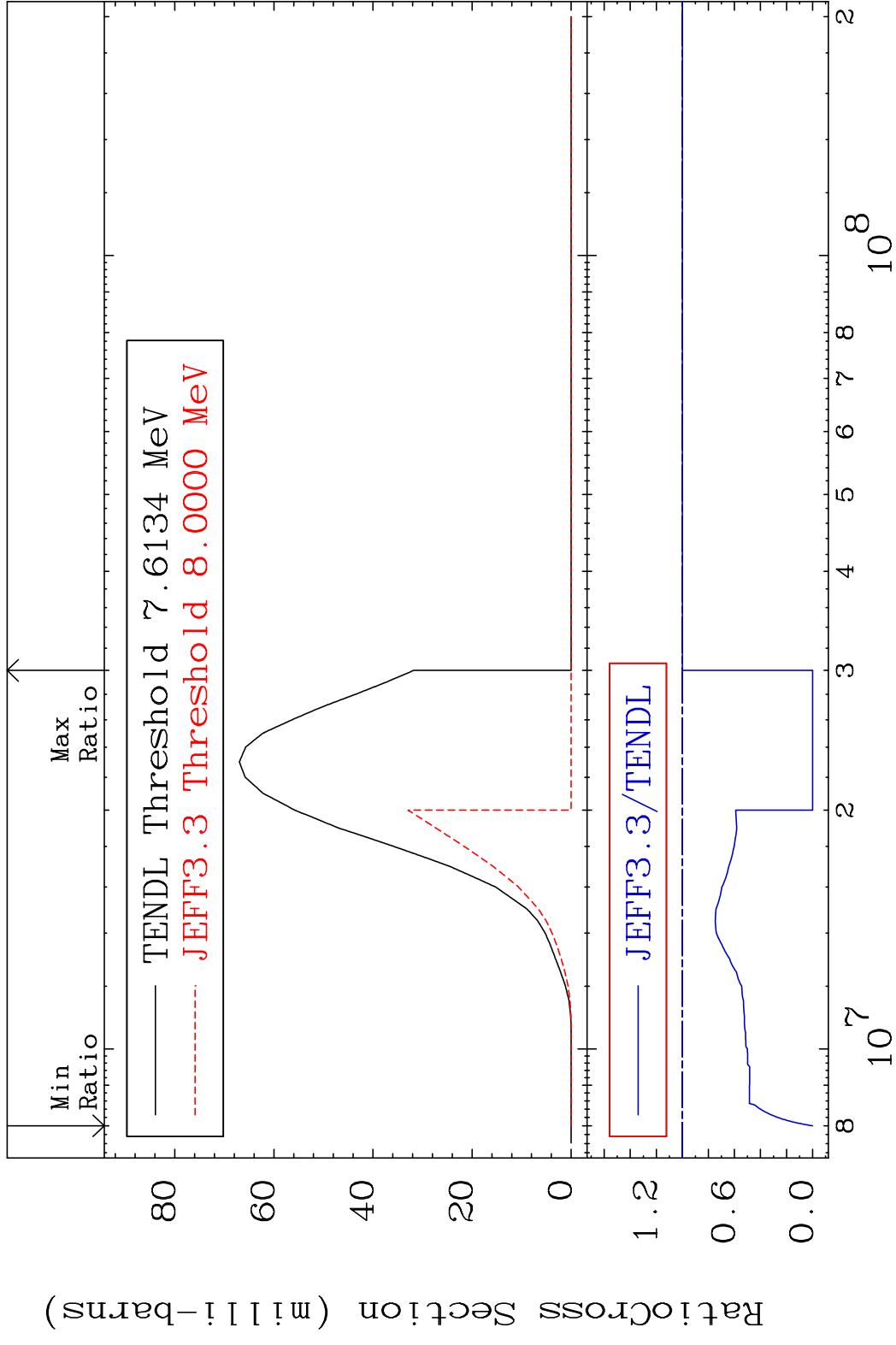
Incident Energy (eV)

²⁶Fe-54

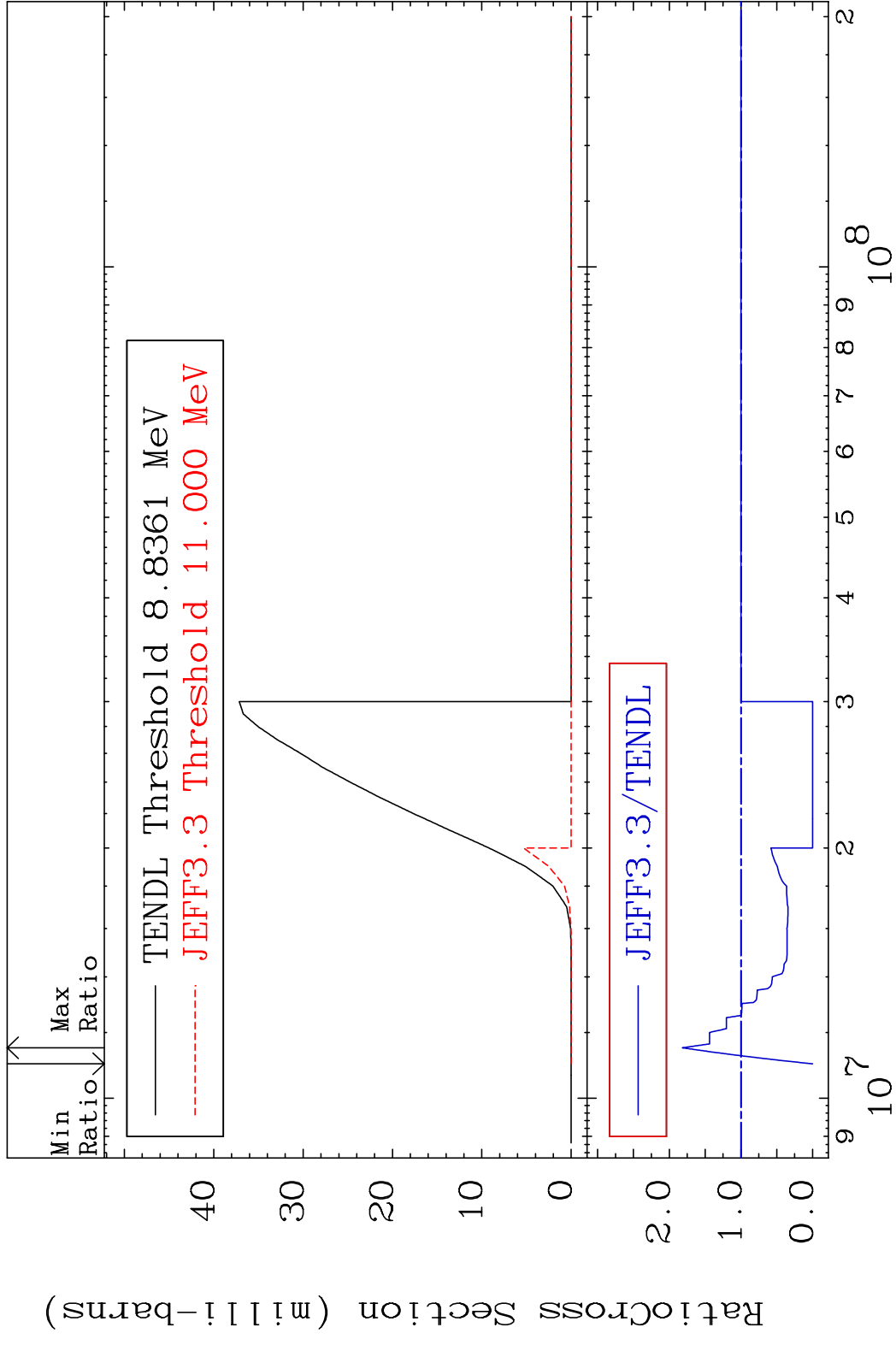
MAT 2625 (n,2α) 26-Fe-54
 Cross Section -100.0 To 271.2 %



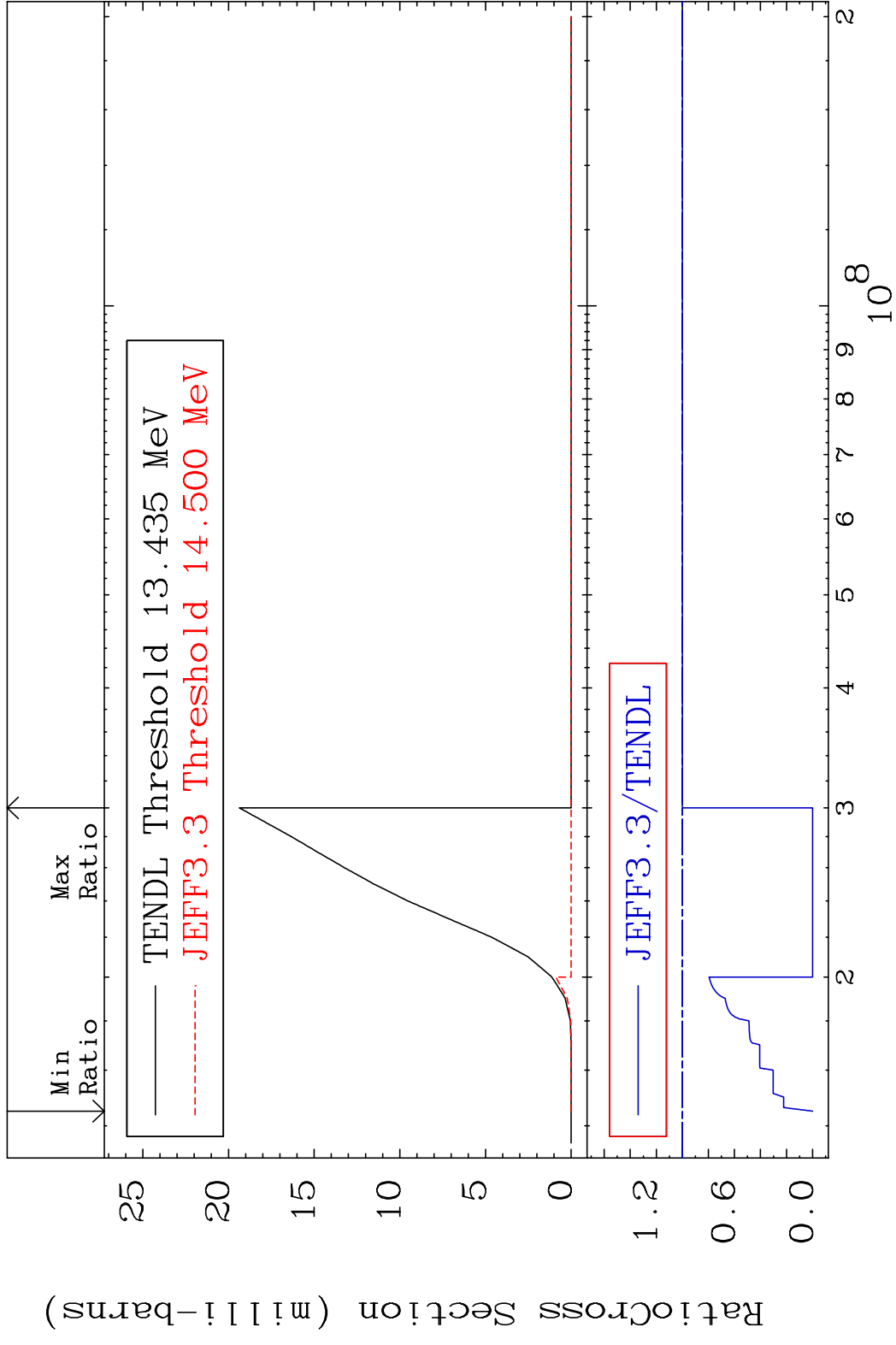
MAT 2625 (n,2p) 26-Fe-54
 Cross Section -100.0 To 0.000 %



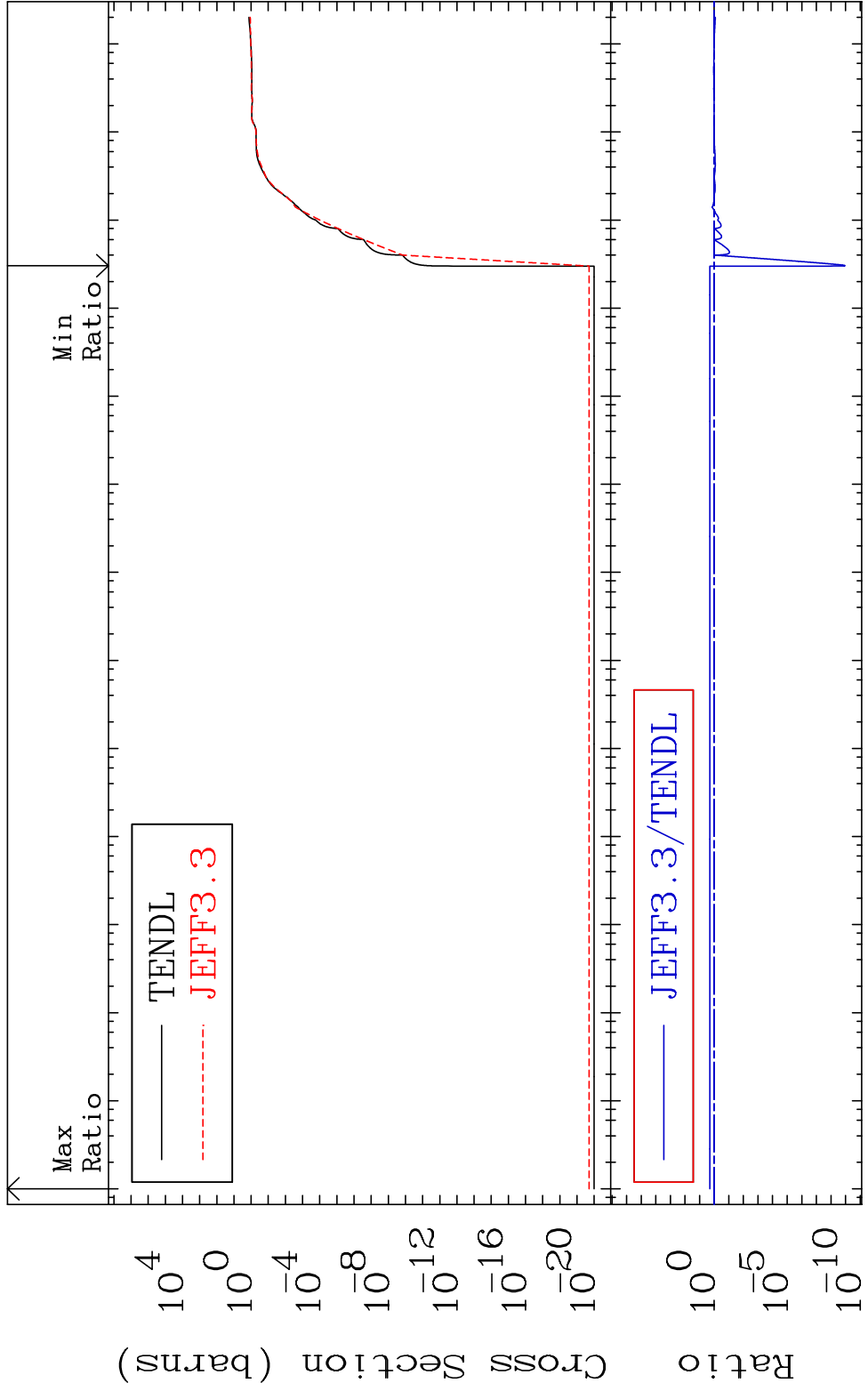
MAT 2625 (n,p) α $^{26}\text{Fe-54}$
 Cross Section -100.0 To 81.76 %



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

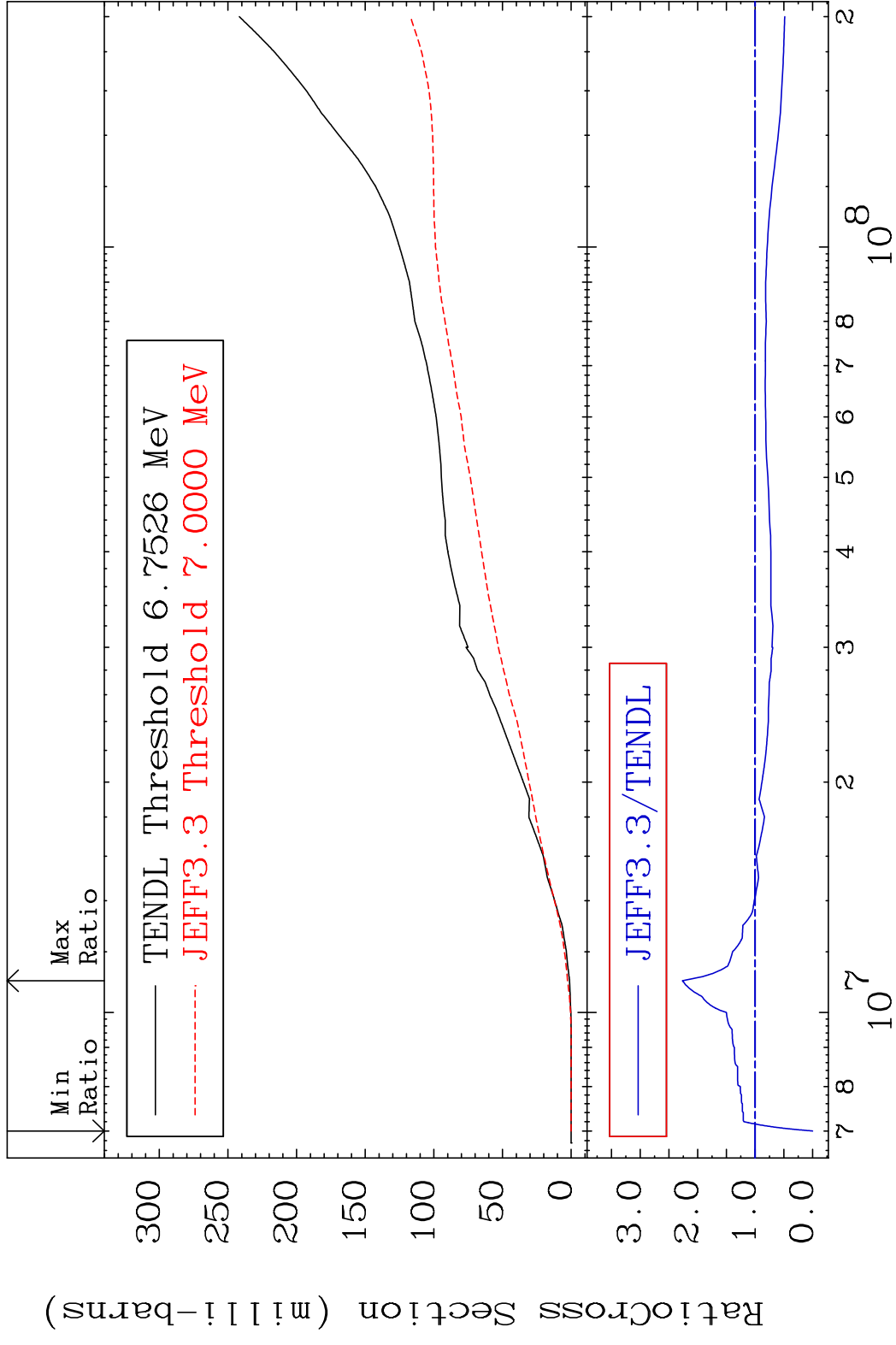


MAT 2625 Hydrogen Production 26-Fe-54
Cross Section -100.0 To 100.0 %



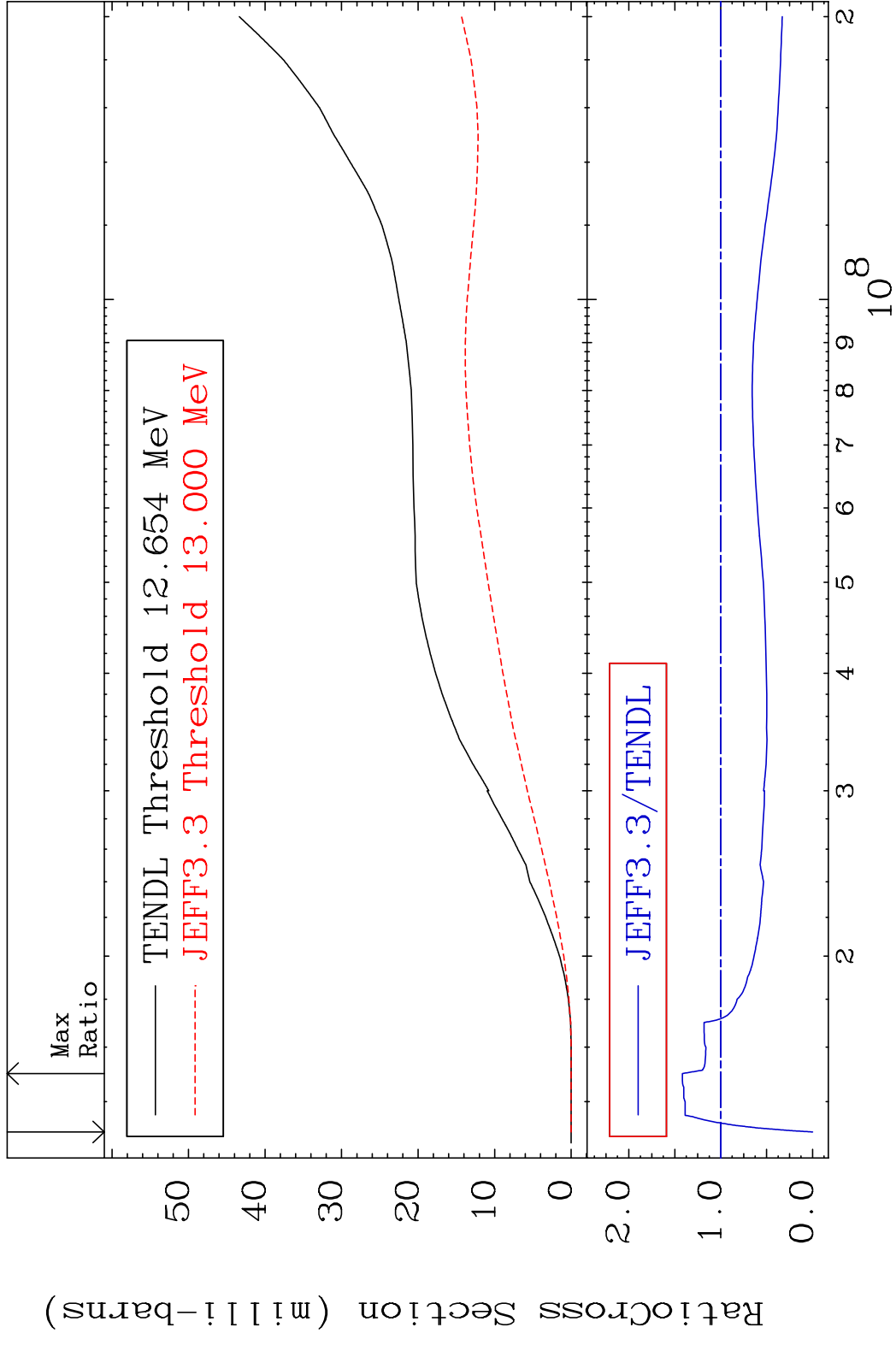
40 Incident Energy (eV) 26-Fe-54

MAT 2625 Deuterium Production ²⁶Fe-54
 Cross Section -100.0 To 126.6 %



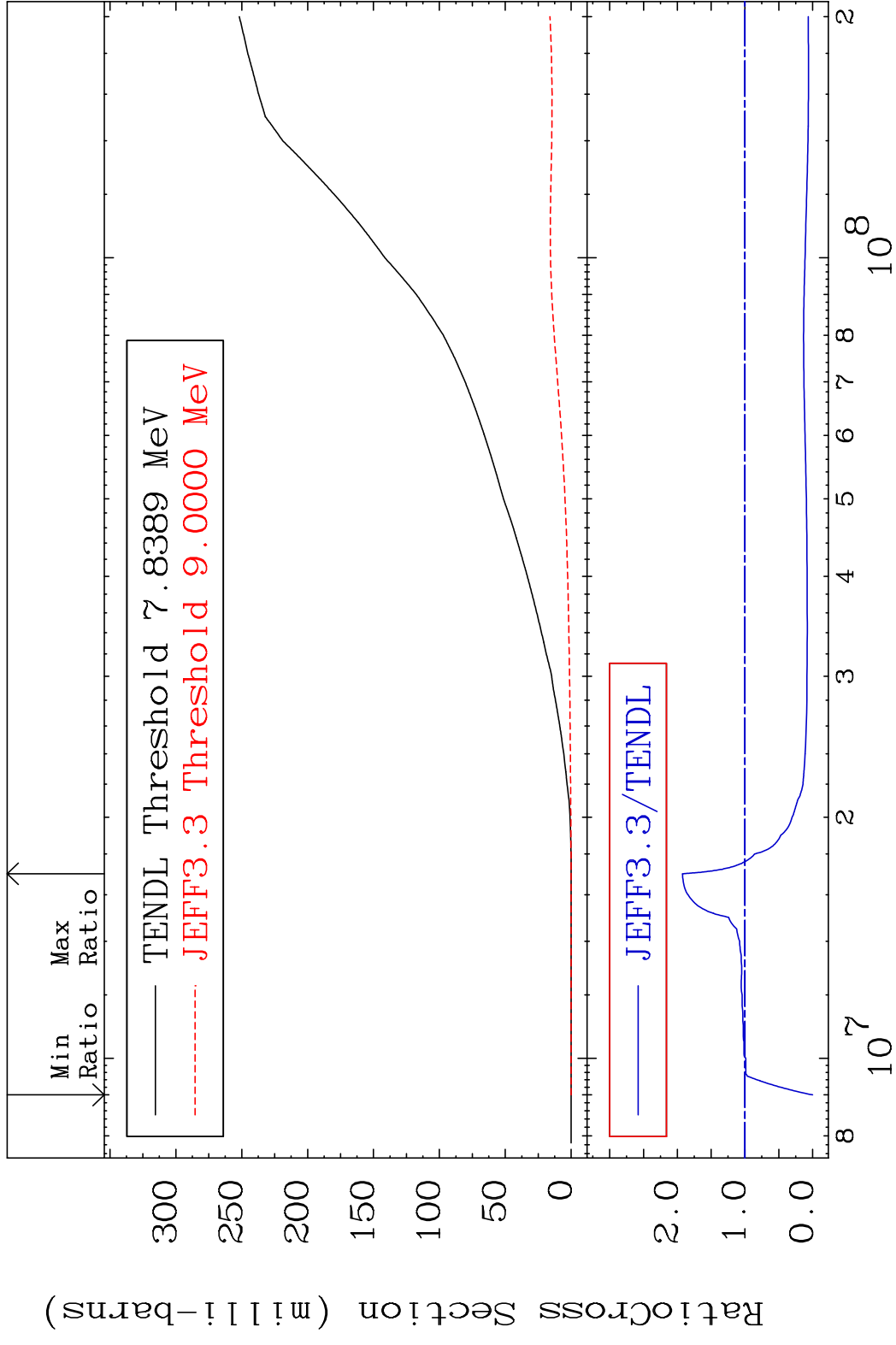
41 Incident Energy (eV) ²⁶Fe-54

MAT 2625 Tritium Production ²⁶Fe-54
 Cross Section -100.0 To 41.76 %



42 26-Fe-54

MAT 2625 He-3 Production 26-Fe-54
 Cross Section -100.0 To 92.57 %



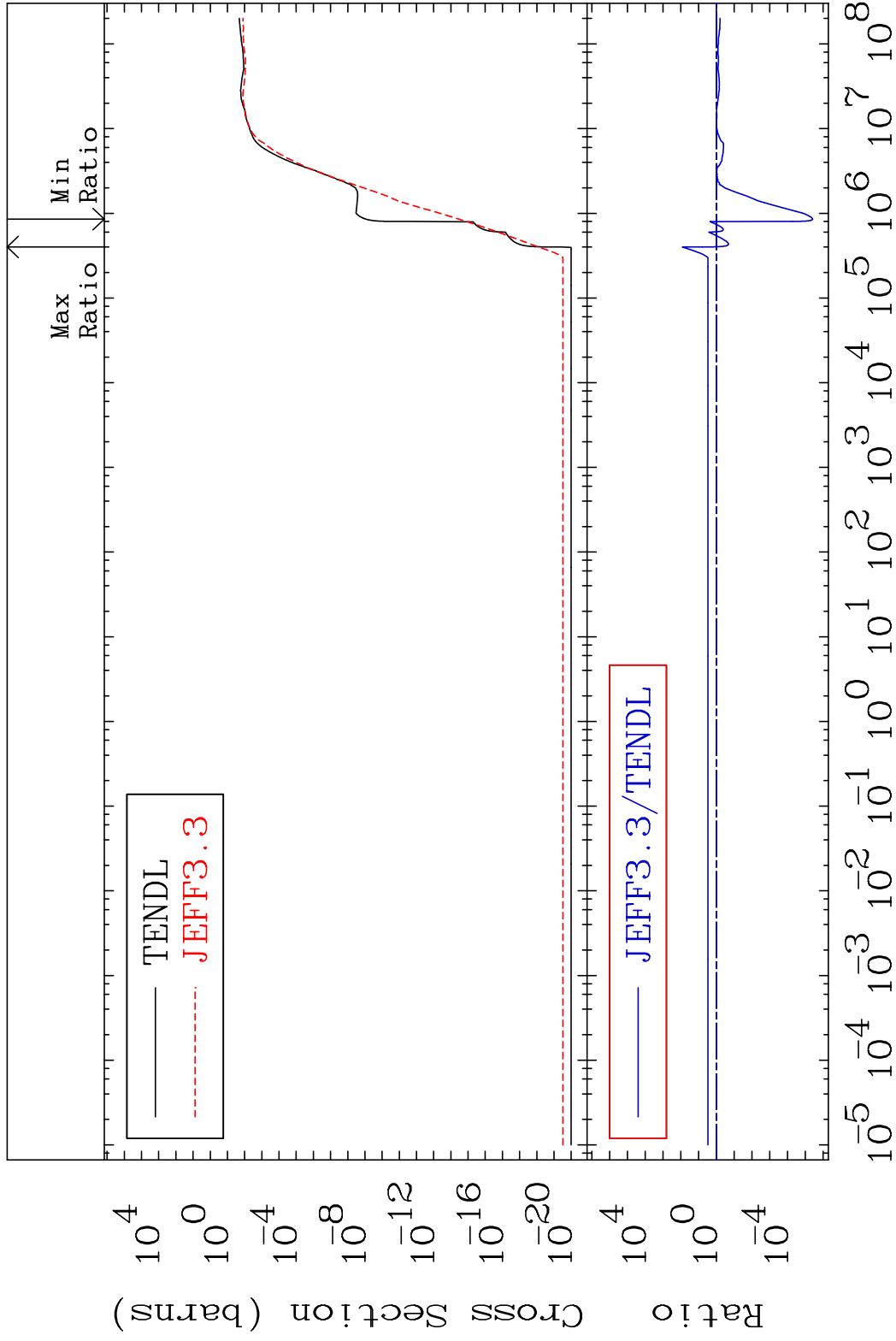
43 Incident Energy (eV) 26-Fe-54

MAT 2625

He-4 Production

²⁶Fe-54

Cross Section -100.0 To 8084. %

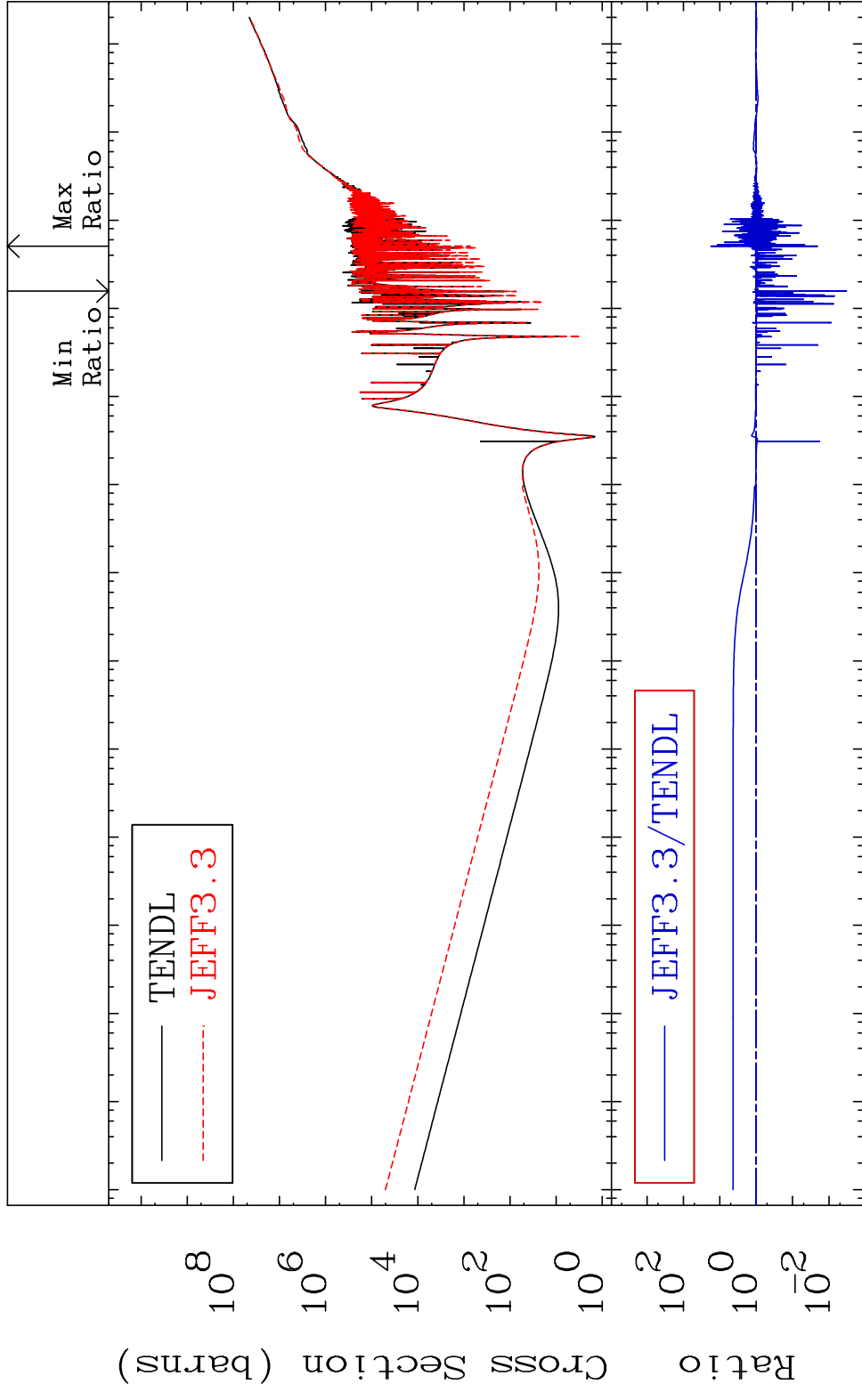


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Incident Energy (eV)

²⁶Fe-54

MAT 2625 Kerma total (eV-barns) 26-Fe-54
 Cross Section -99.67 To 1679. %

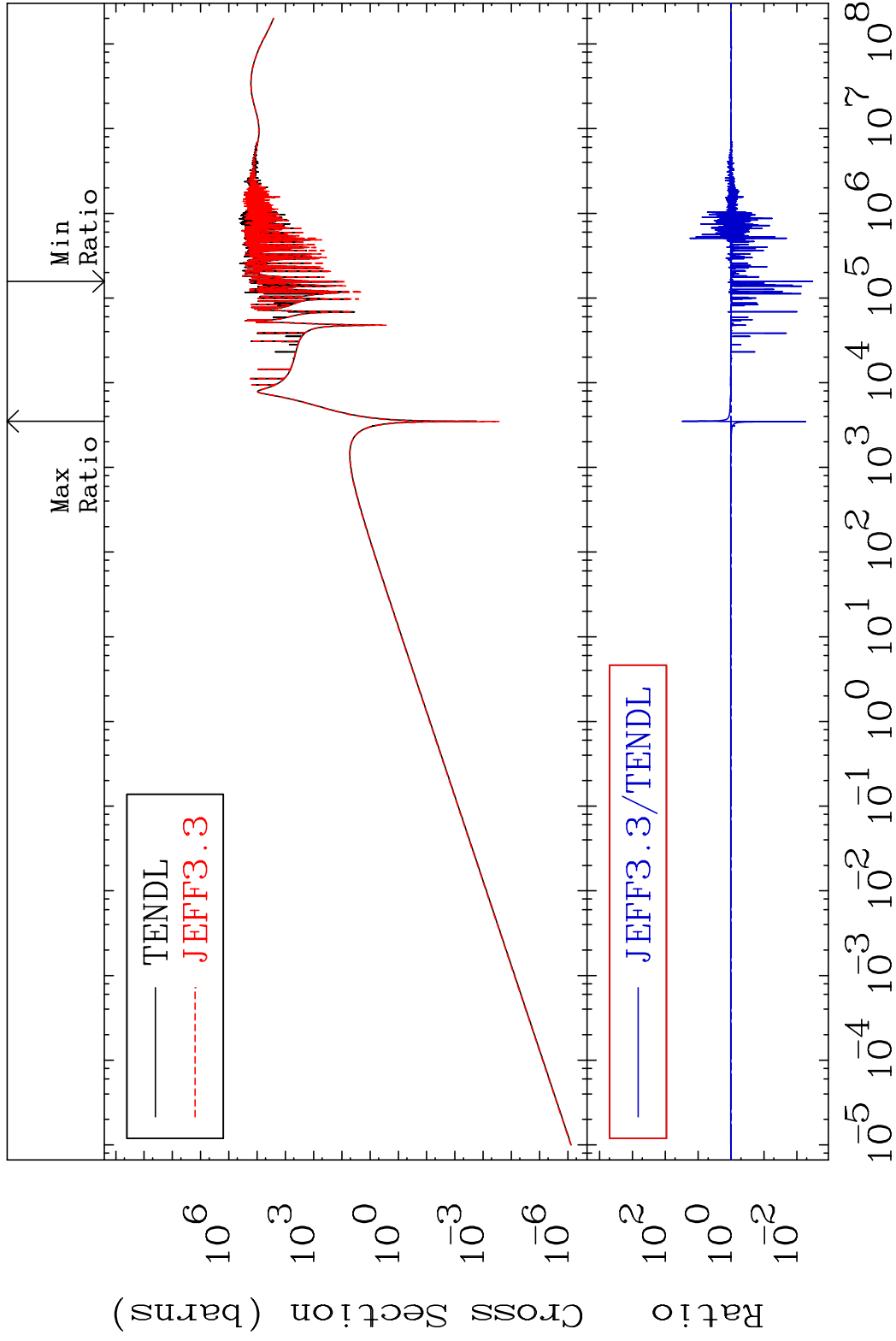


45 Incident Energy (eV) 26-Fe-54

MAT 2625

Kerma elastic
Cross Section

26-Fe-54
-99.67 To 2929. %

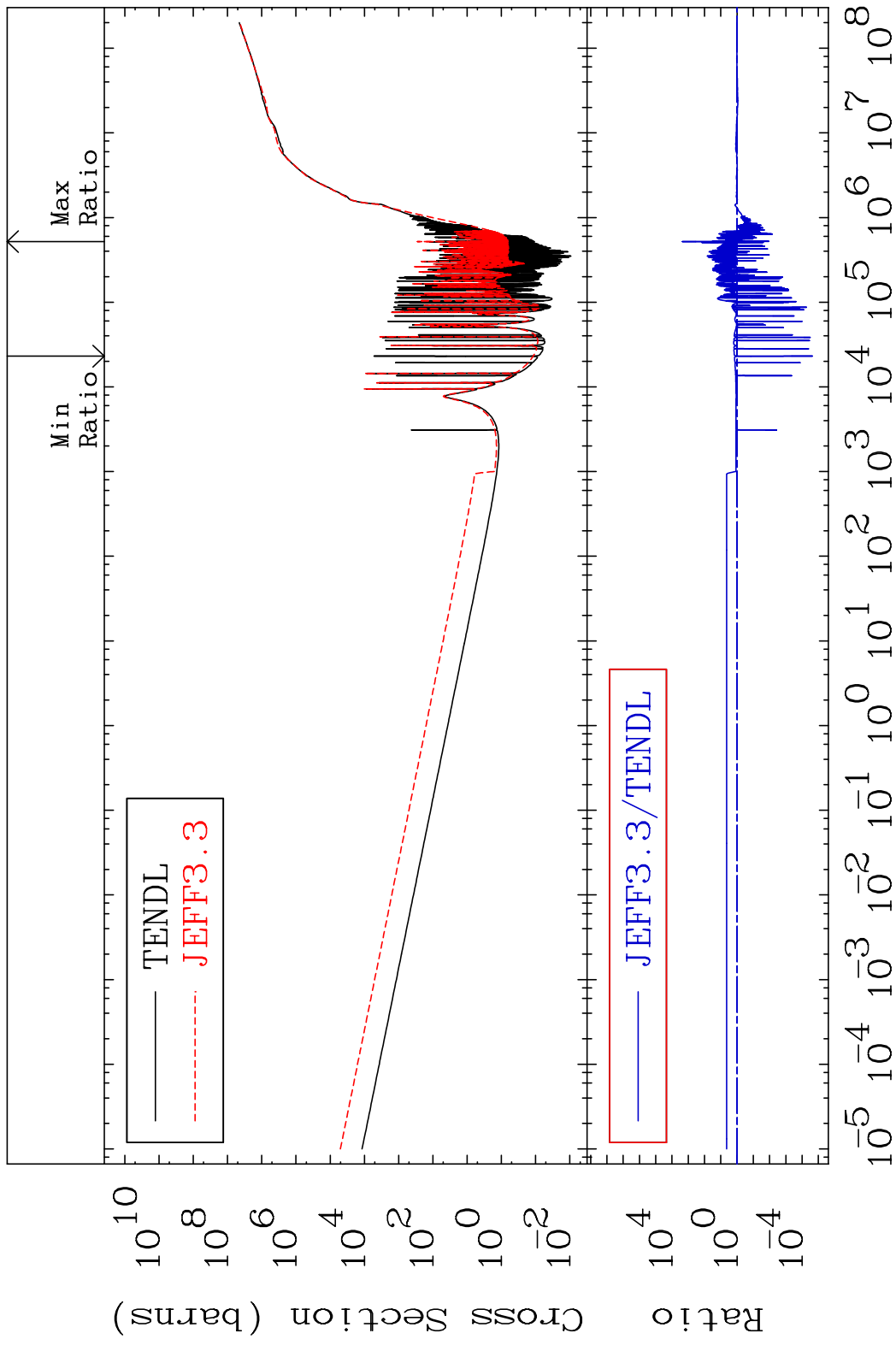


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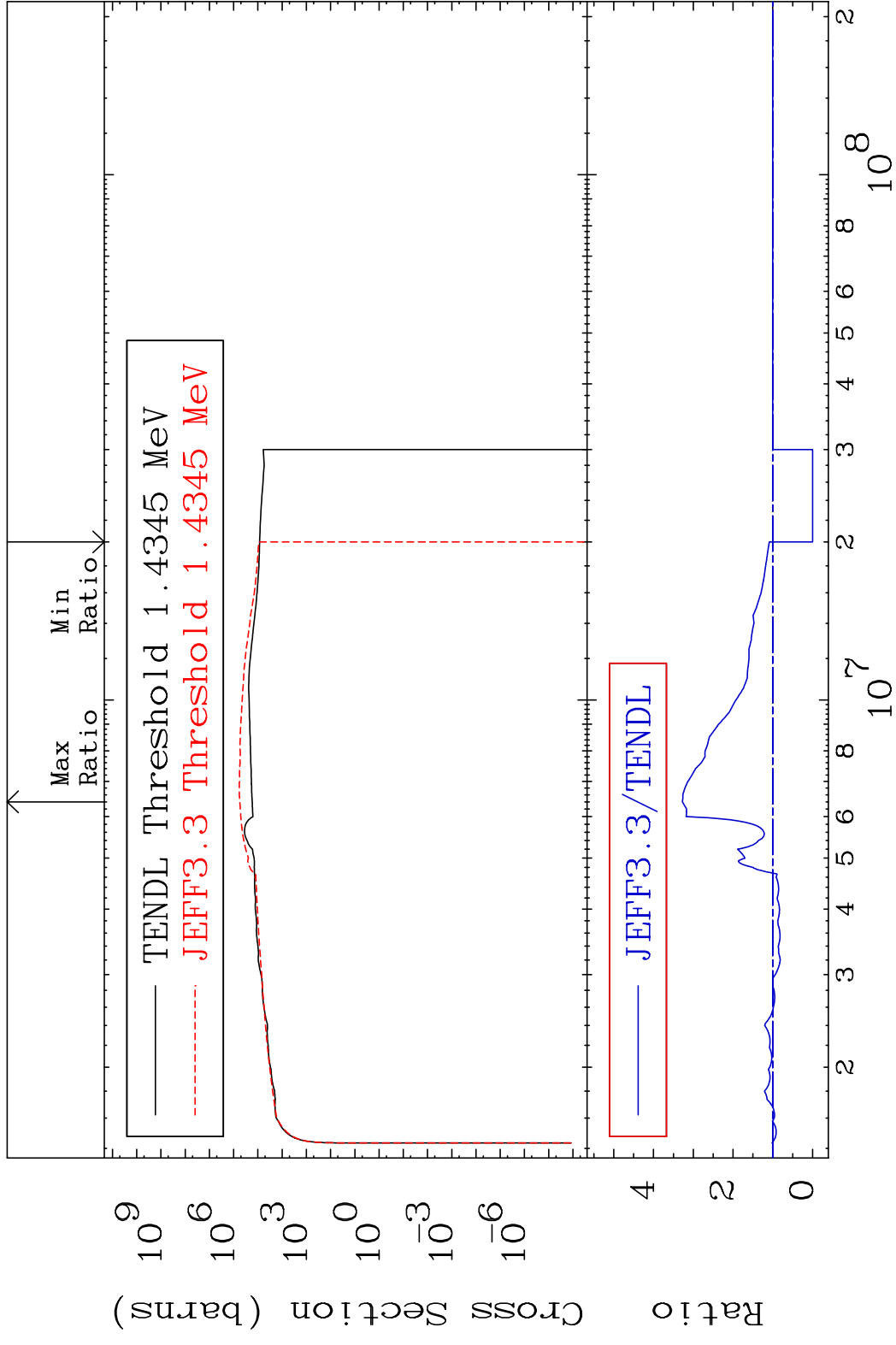
Incident Energy (eV)

26-Fe-54

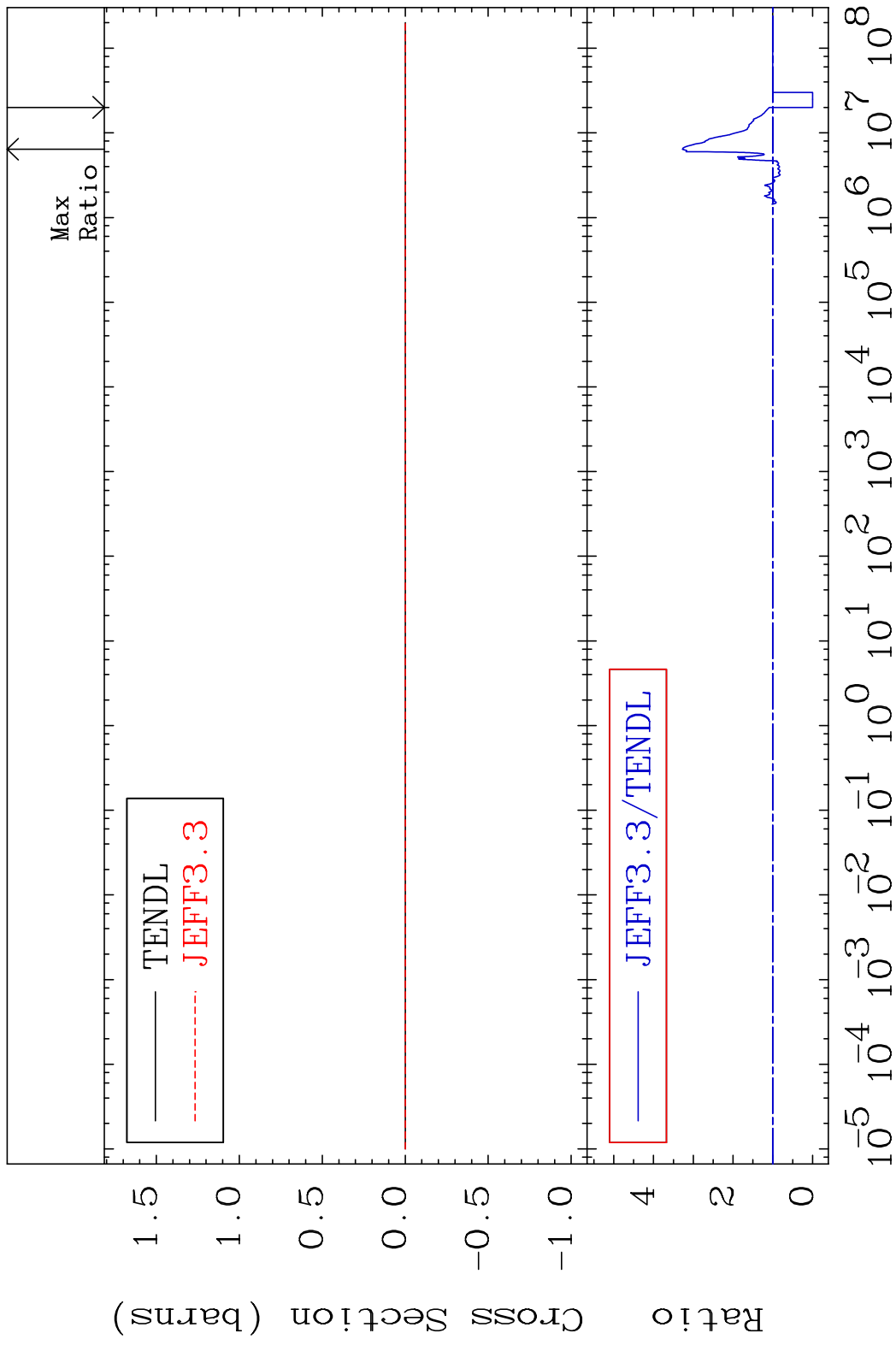
MAT 2625 Kerma non-elastic (all but mt2) 26-Fe-54
 Cross Section -100.0 To 9999. %



MAT 2625 Kerma inelastic (mt51-91) ²⁶Fe-54
 Cross Section -100.0 To 227.4 %

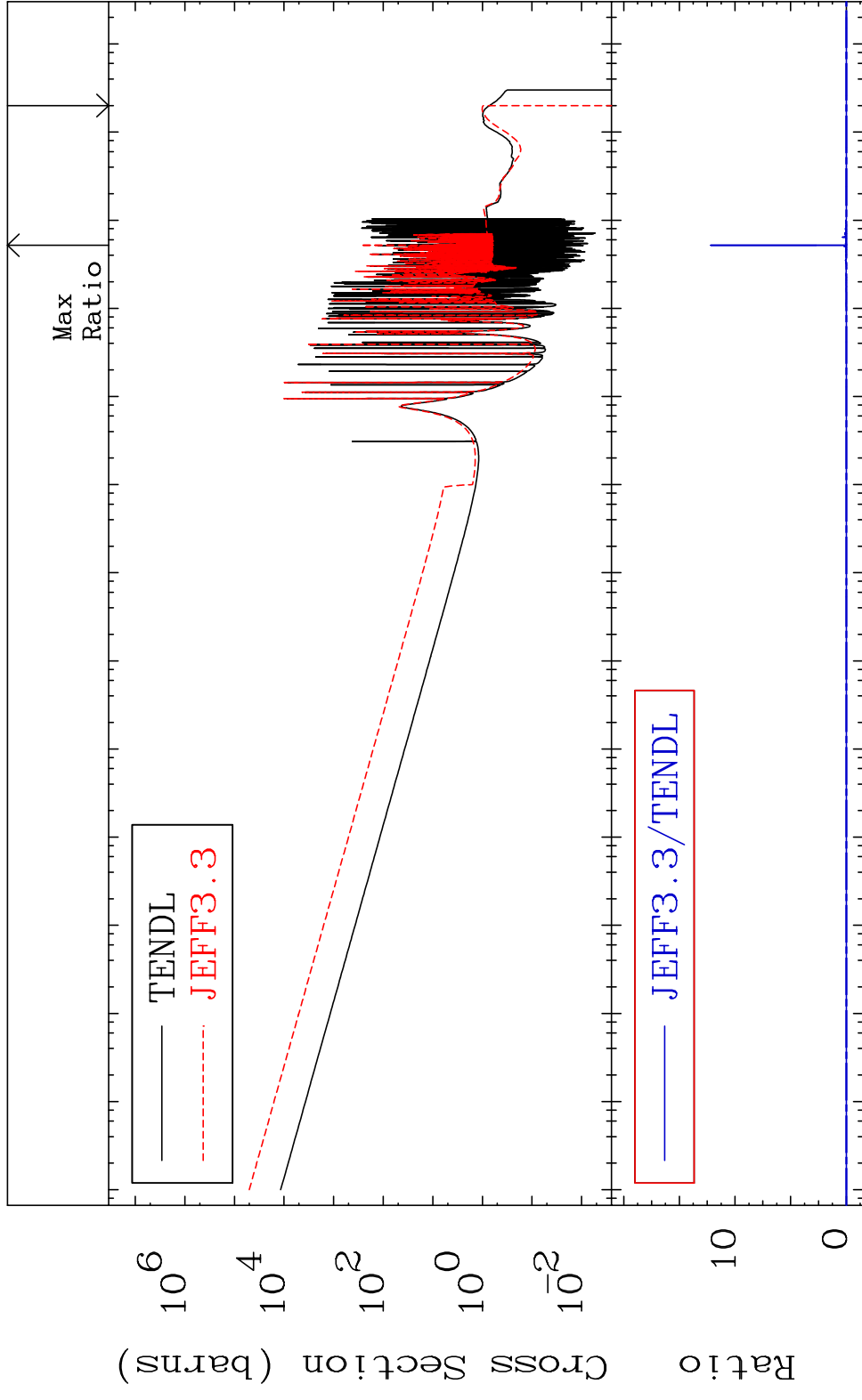


MAT 2625 Kerma fission (mt18 or mt19-20-21-38) 26-Fe-54
Cross Section -100.0 To 227.4 %



MAT 2625

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

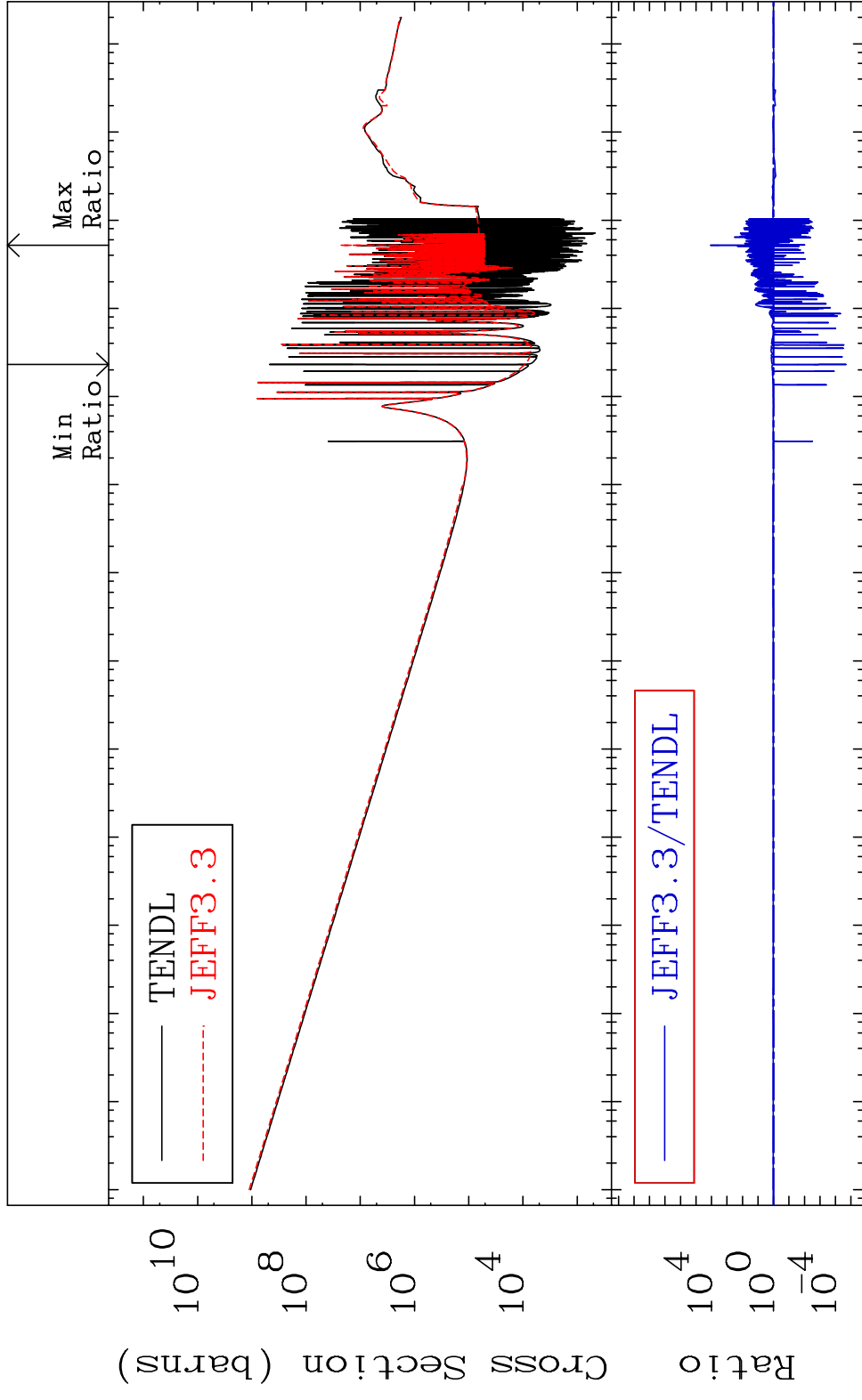


50

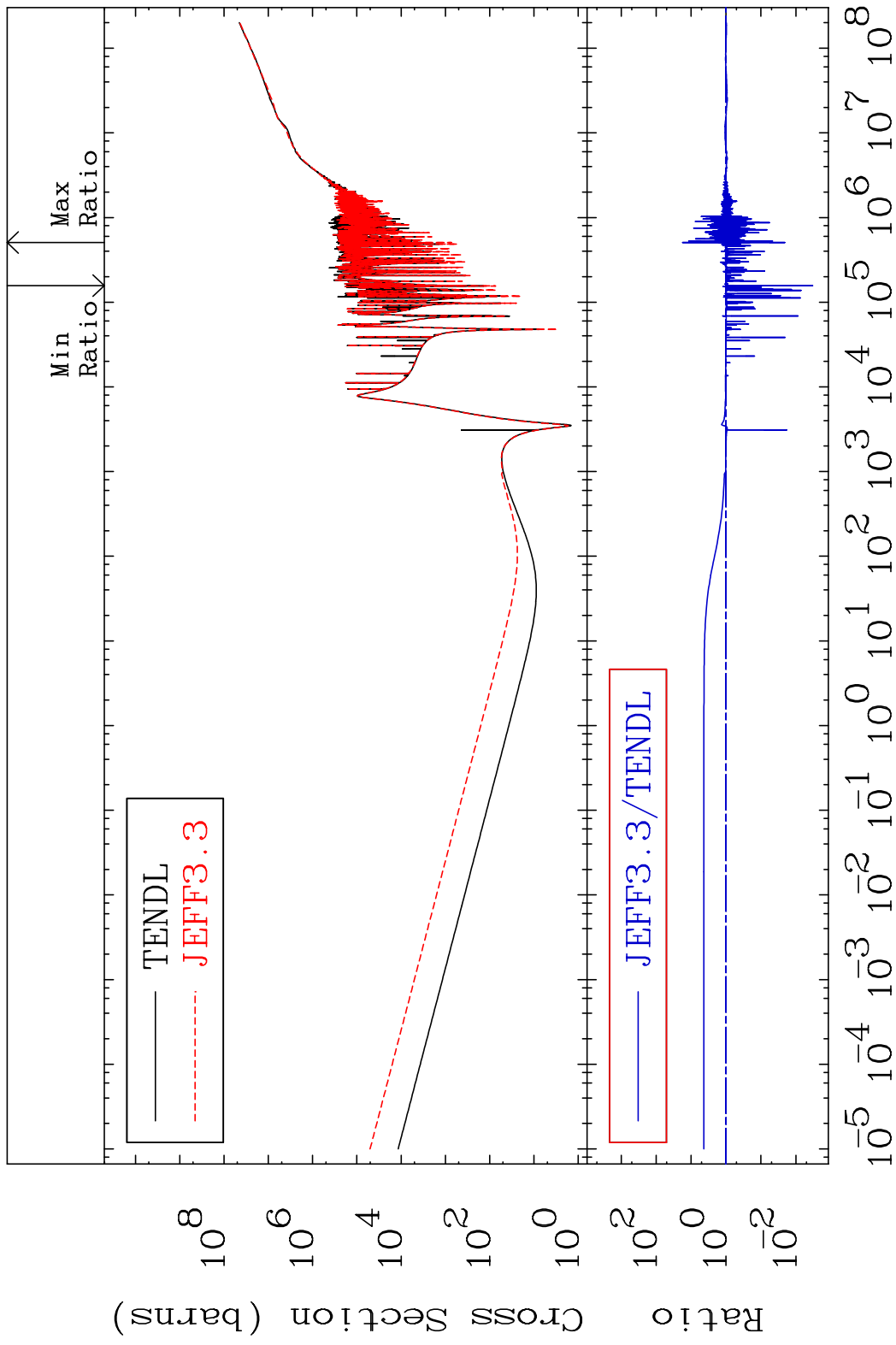
Incident Energy (eV)

26-Fe-54

MAT 2625 Total photon (eV-barns) 26-Fe-54
 Cross Section -100.0 To 9999. %



MAT 2625 Total kinematic kerma (high limit) 26-Fe-54
 Cross Section -99.67 To 1679. %

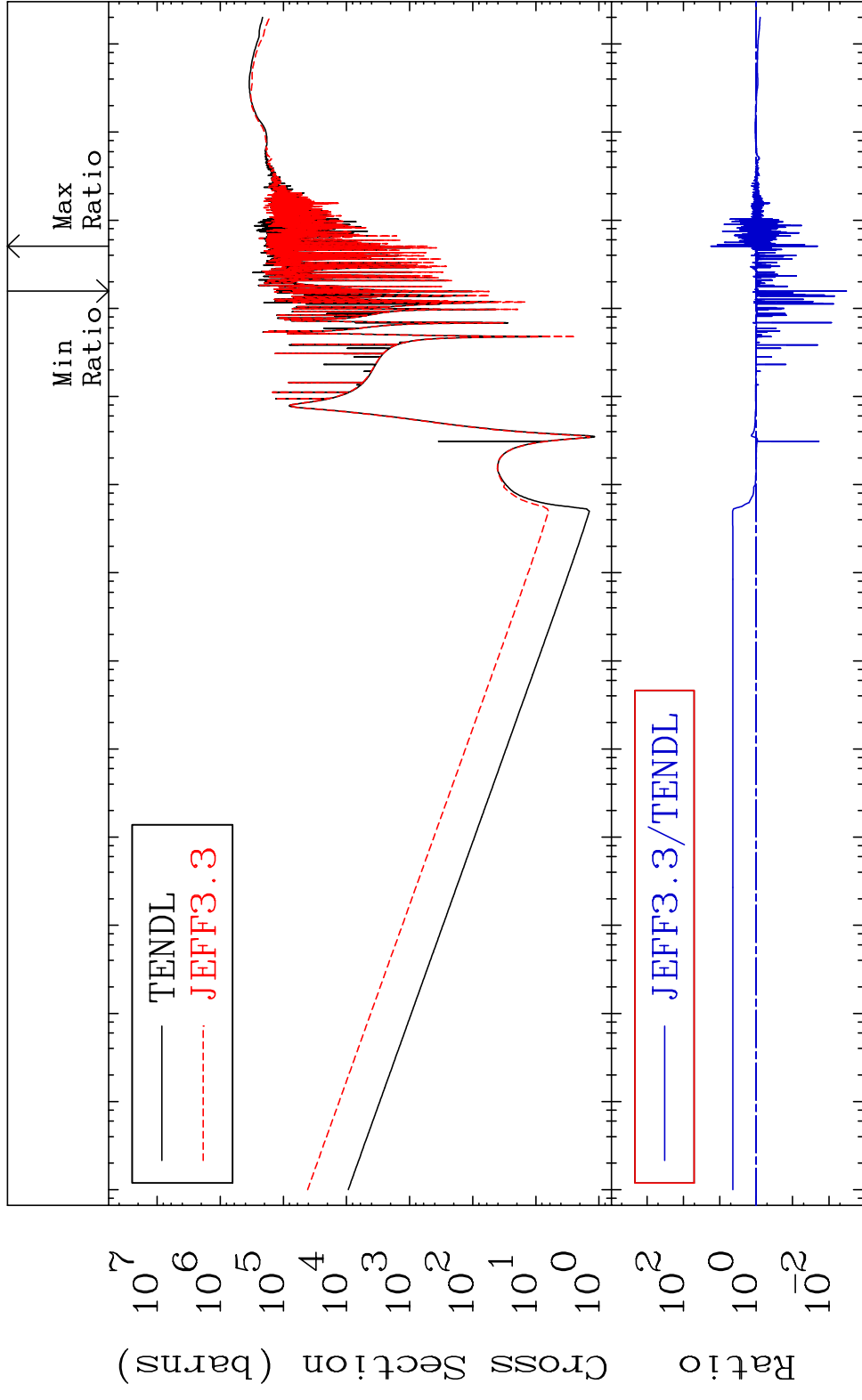


MAT 2625

Dpa total (eV-barns)

²⁶Fe-54

Cross Section -99.67 To 1679. %

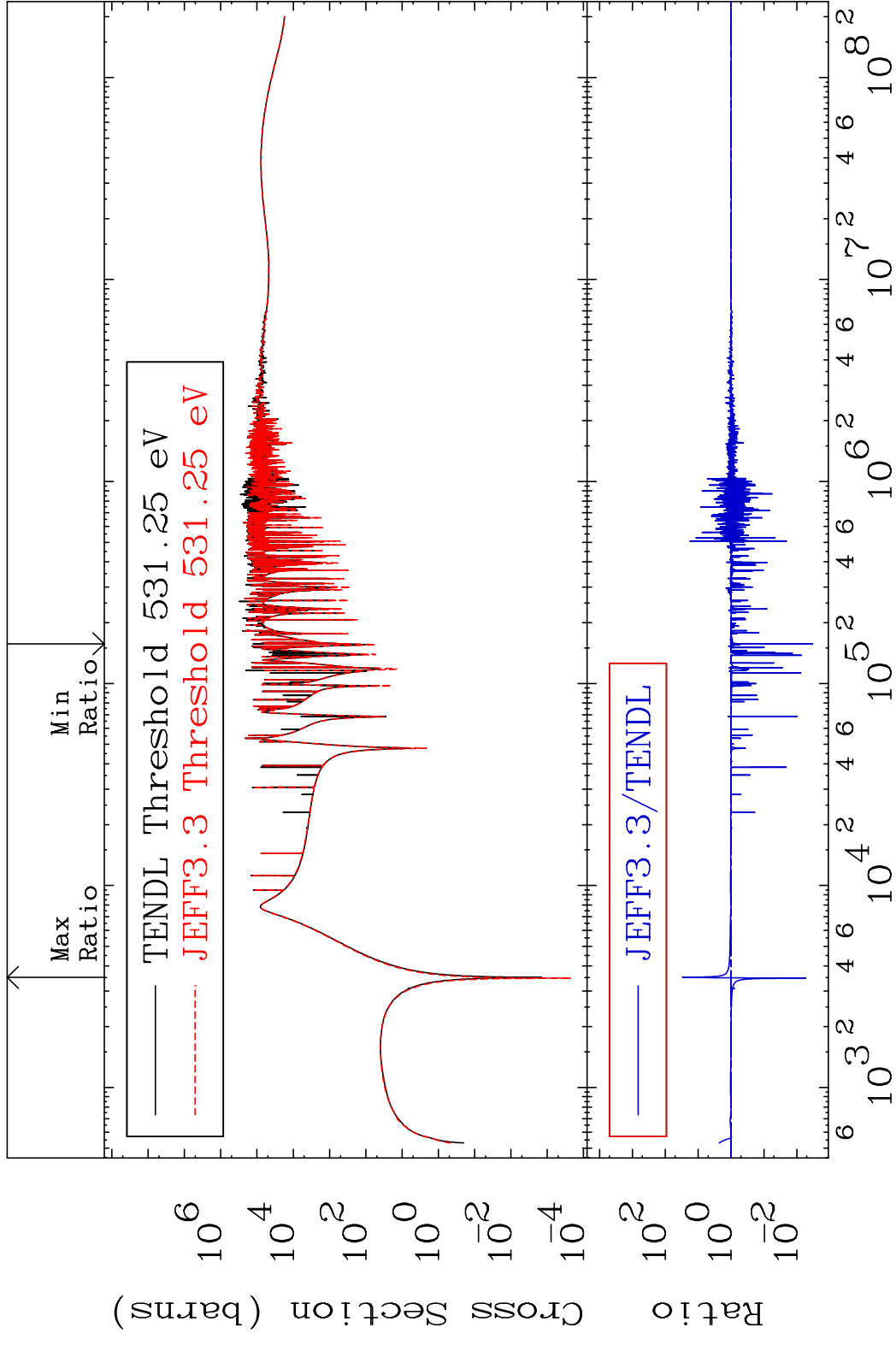


53

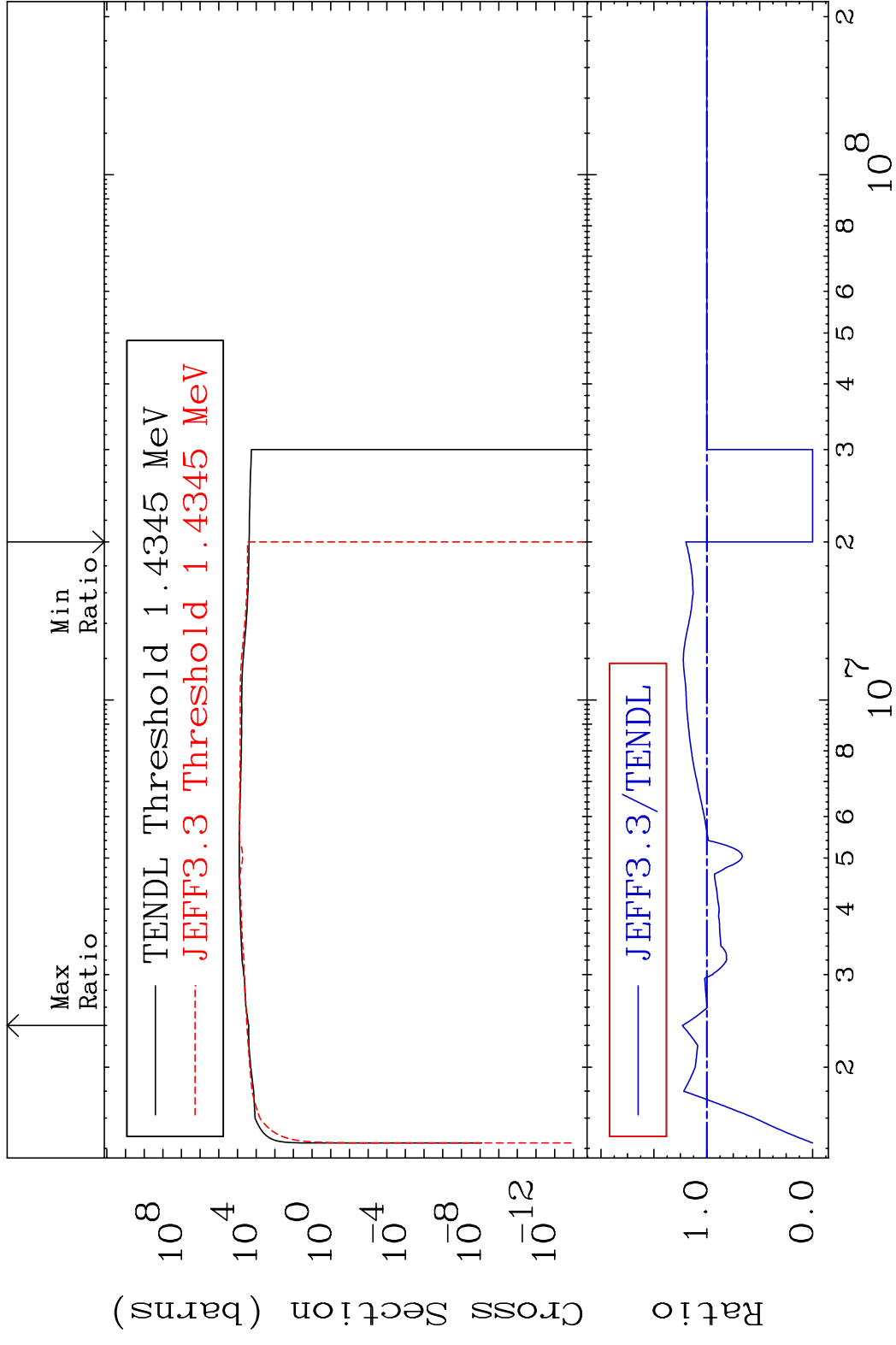
Incident Energy (eV)

²⁶Fe-54

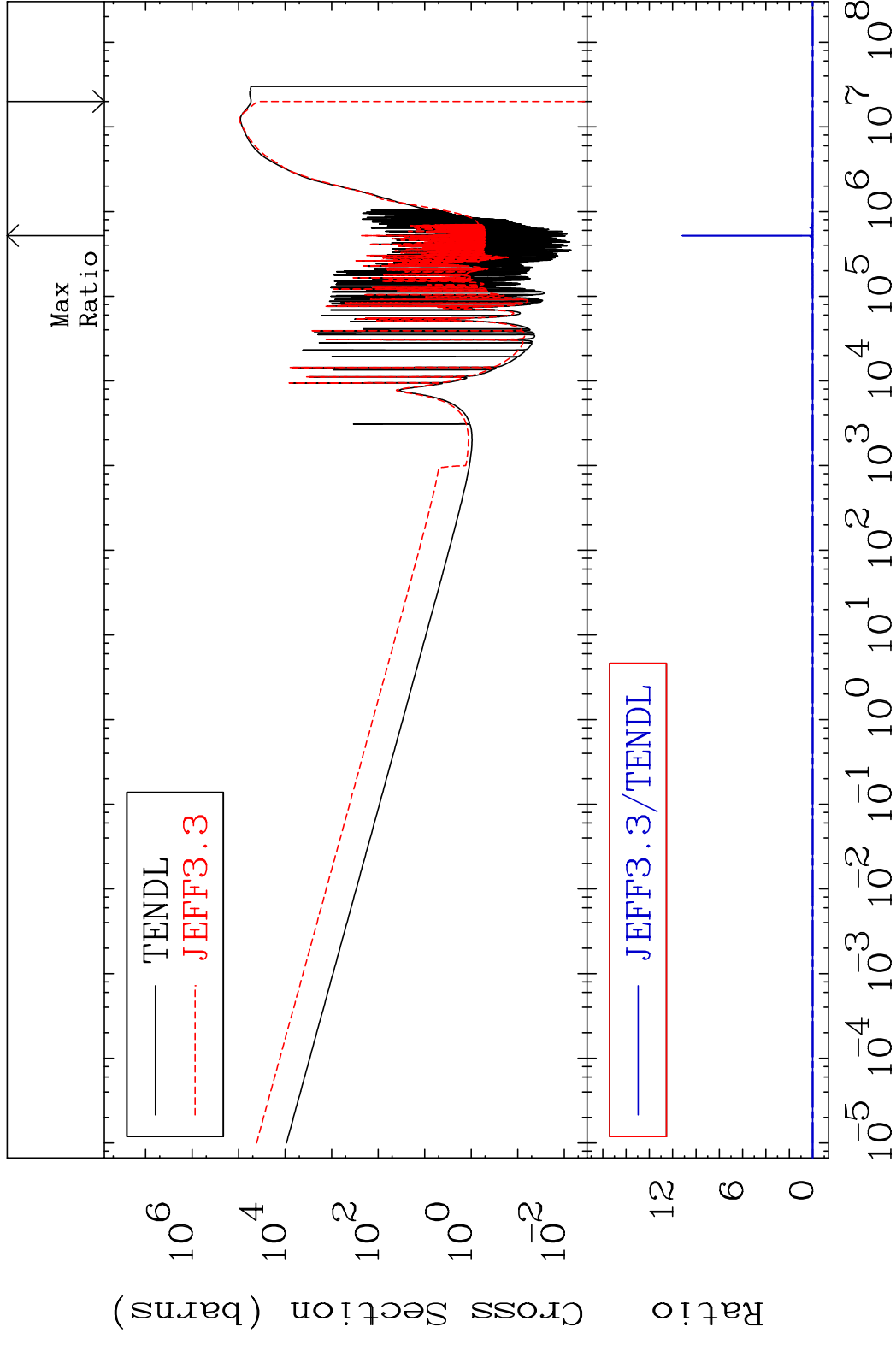
MAT 2625 Dpa elastic (mt2) 26-Fe-54
 Cross Section -99.67 To 2930. %



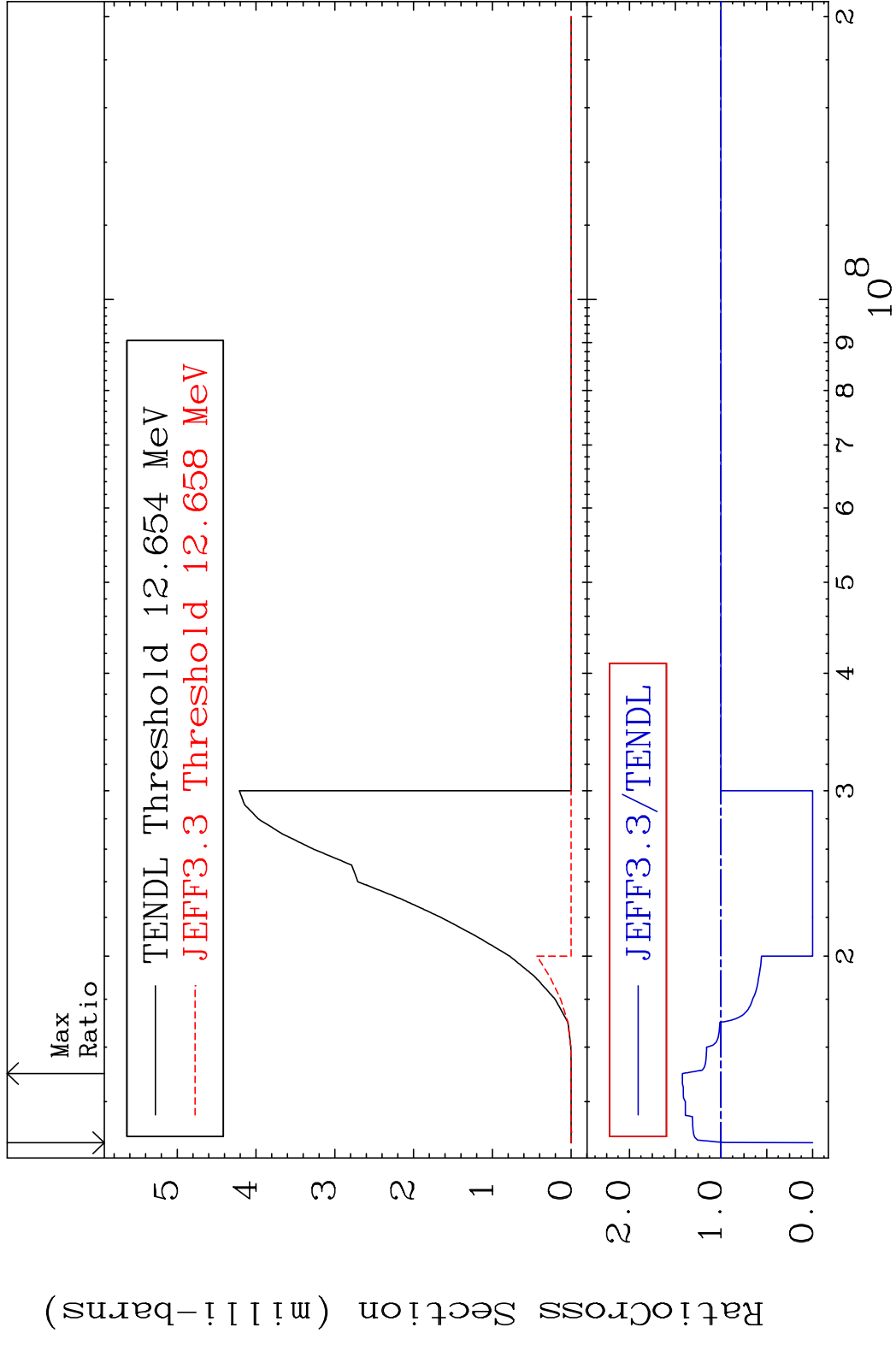
MAT 2625 Dpa inelastic (mt51-91) ²⁶Fe-54
 Cross Section -100.0 To 23.06 %



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 Ratio 42.24 %



MAT 2625 (n, t):25-Mn-52m1 26-Fe-54
 Radionuclide Production Cross Section 1800 dth 576.5 %

