

Program Complot
(Version 2018-1)

by

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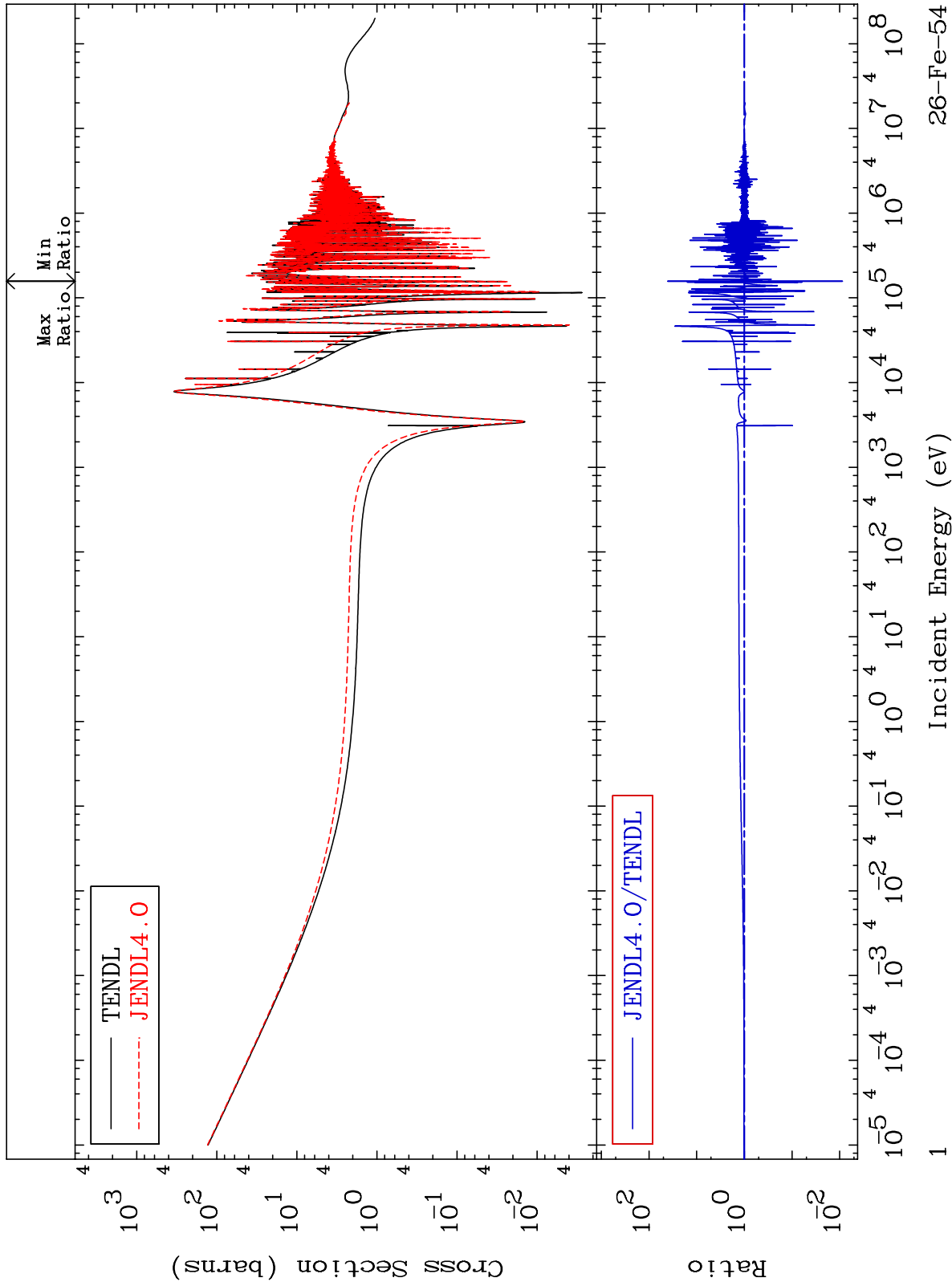
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2625

Total
Cross Section

26-Fe-54
-99.14 To 3980. %



Incident Energy (eV)

26-Fe-54

1

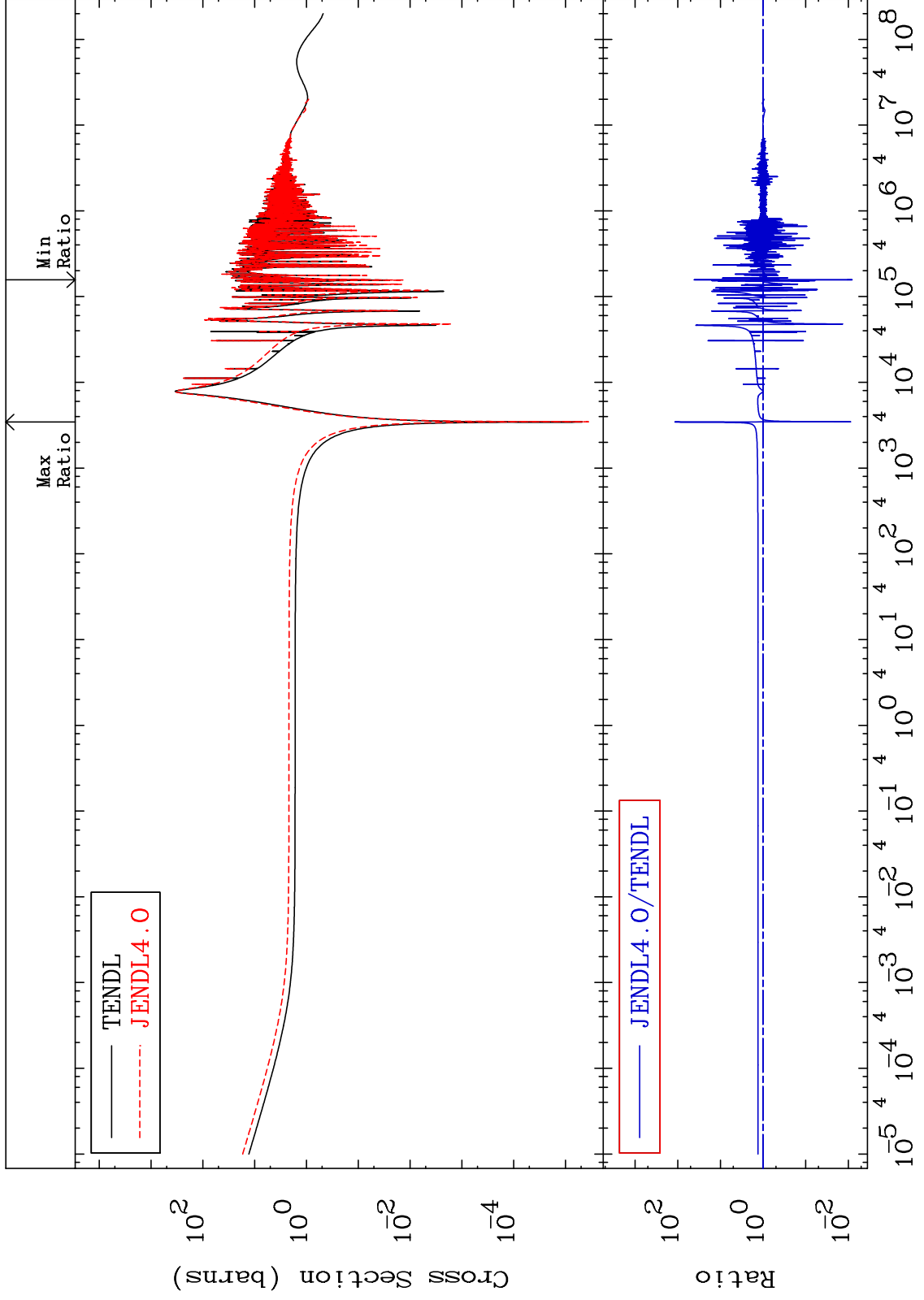
MAT 2625

Elastic

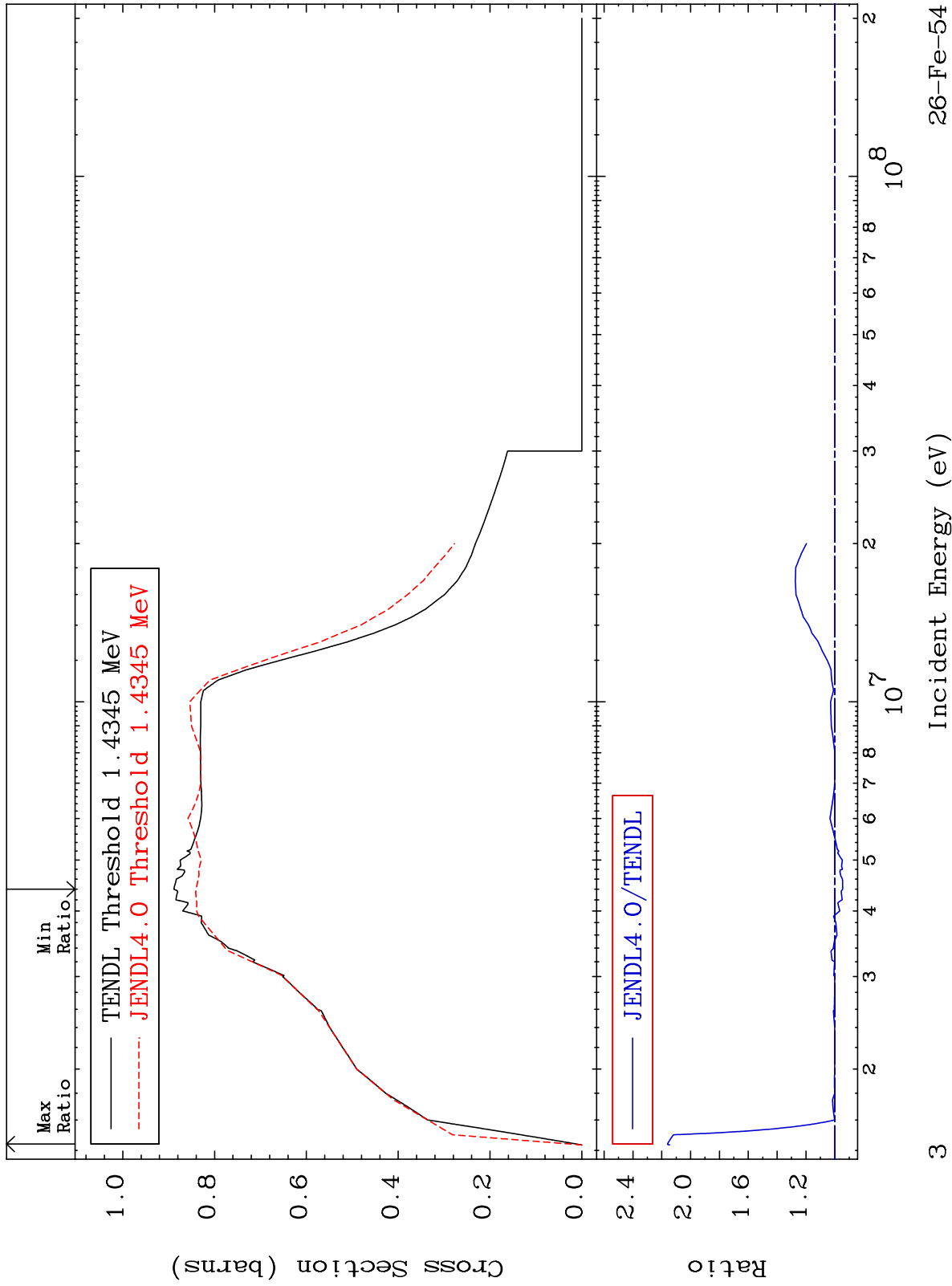
Cross Section

26-Fe-54

-99.19 To 9999. %



MAT 2625 Inelastic Cross Section 26-Fe-54 -5.473 To 116.0 %



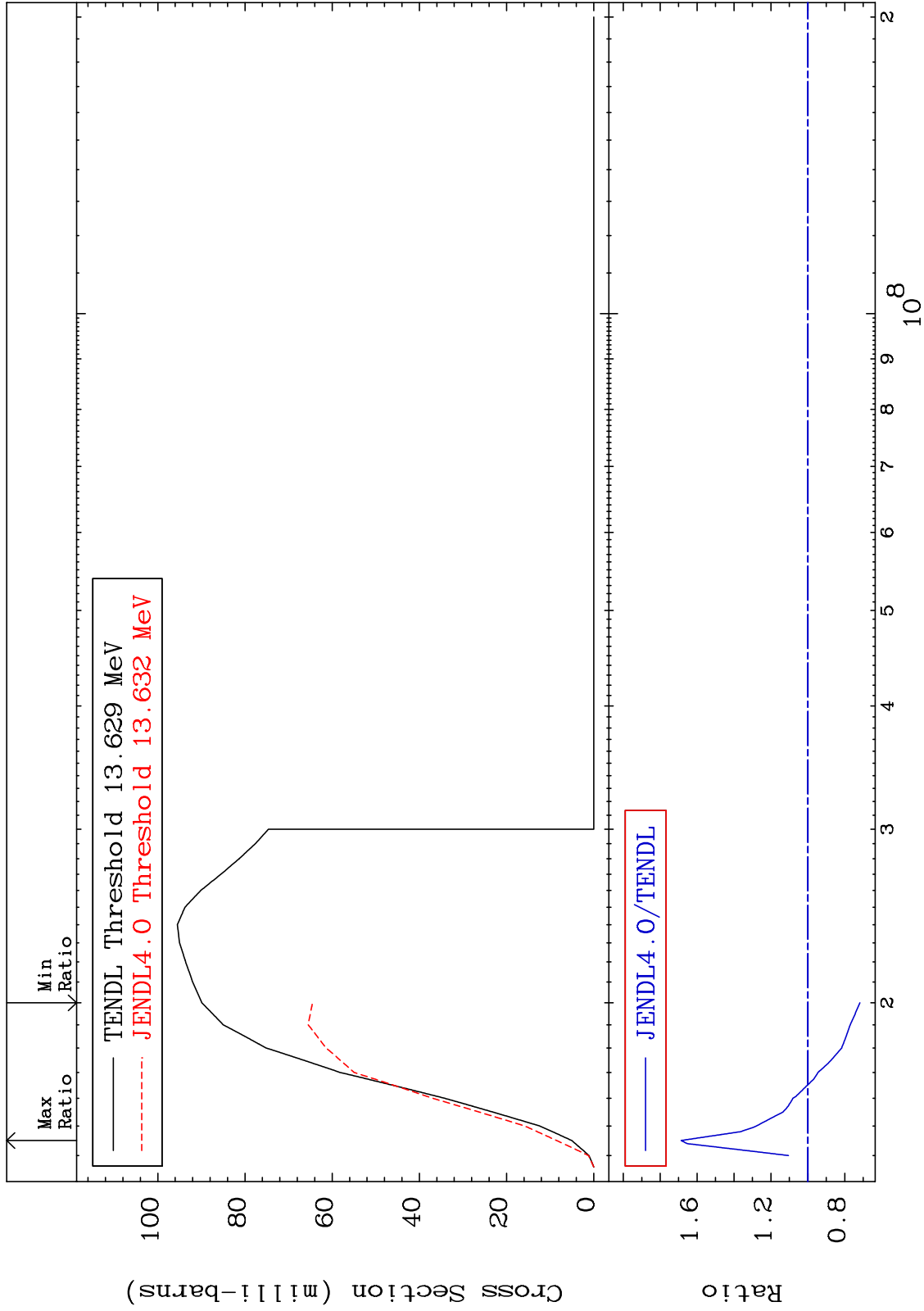
MAT 2625

(n,2n)

²⁶Fe-54

Cross Section

-28.22 To 68.60 %



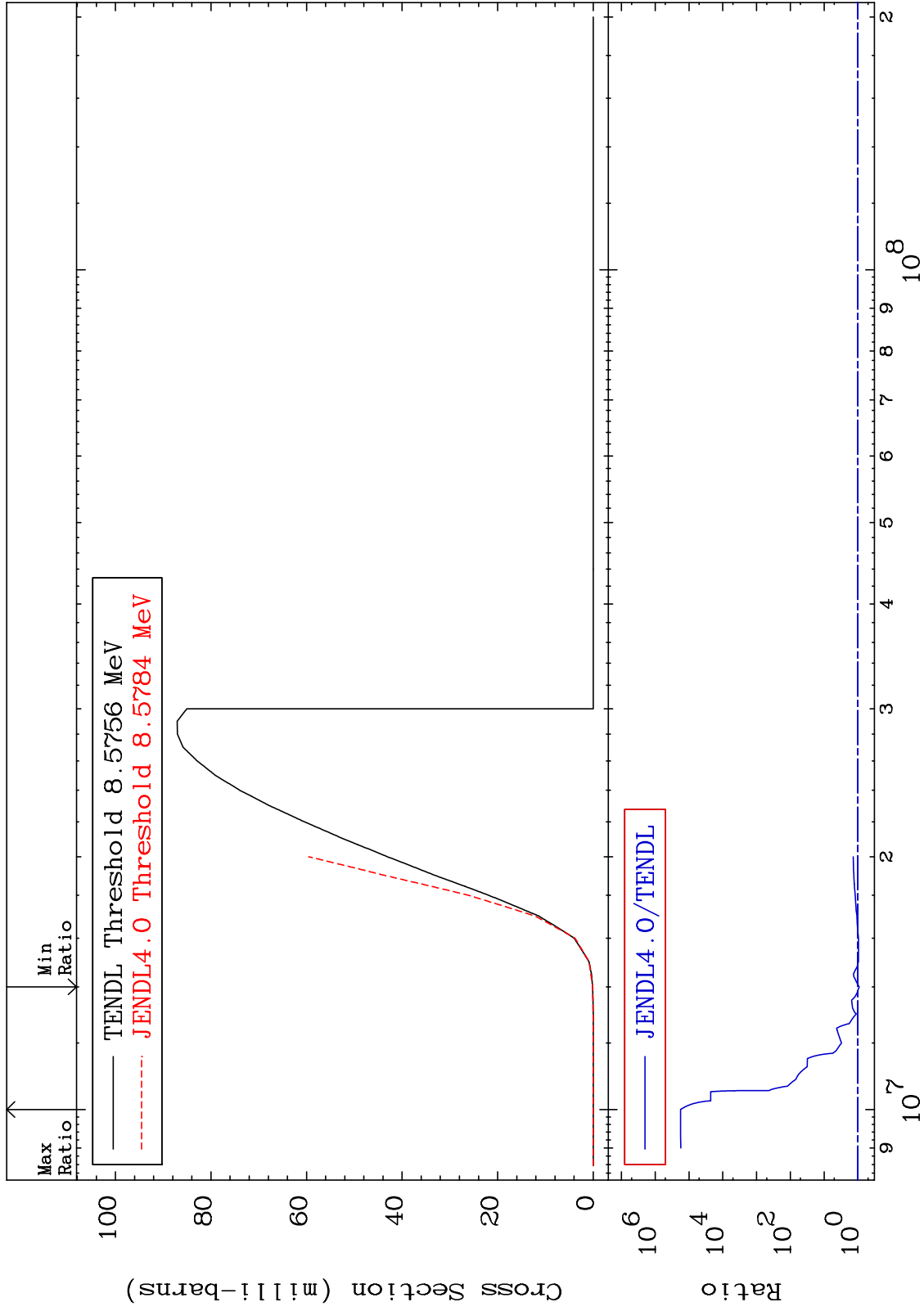
MAT 2625

(n,n') α

²⁶Fe-54

Cross Section

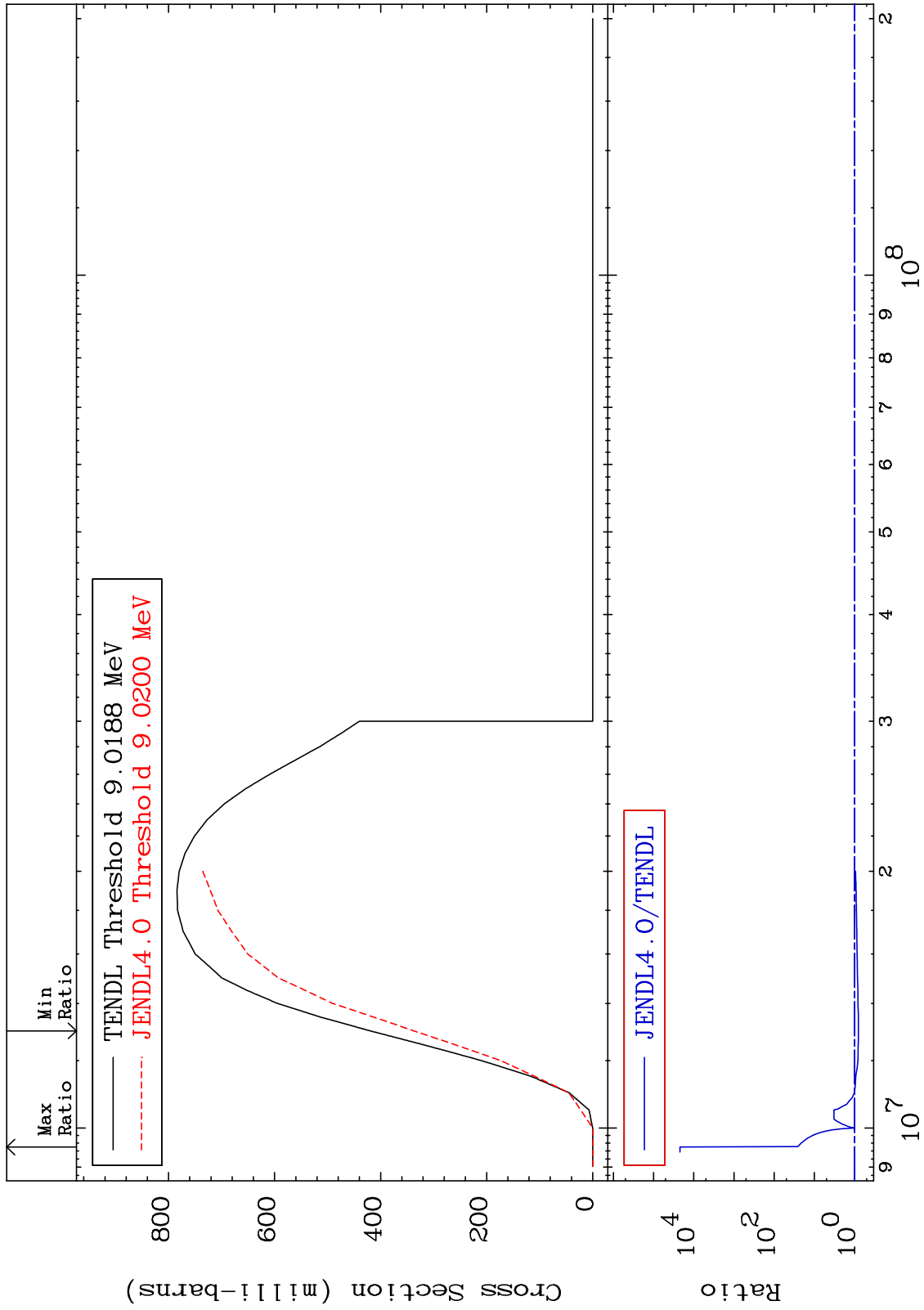
-8.435 To 9999. %



MAT 2625

(n,n') p
Cross Section

26-Fe-54
-19.59 To 9999. %



26-Fe-54

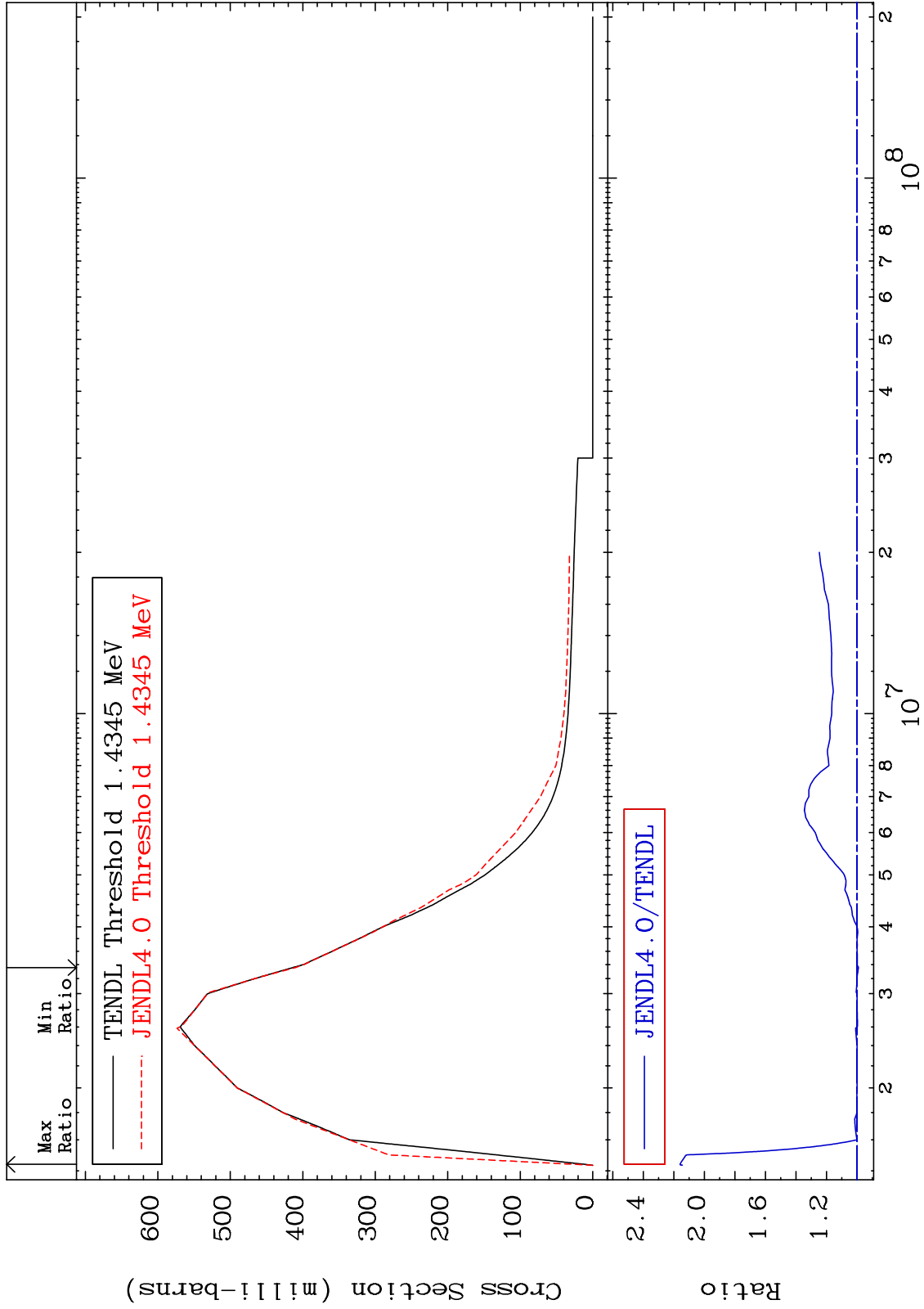
Incident Energy (eV)

6

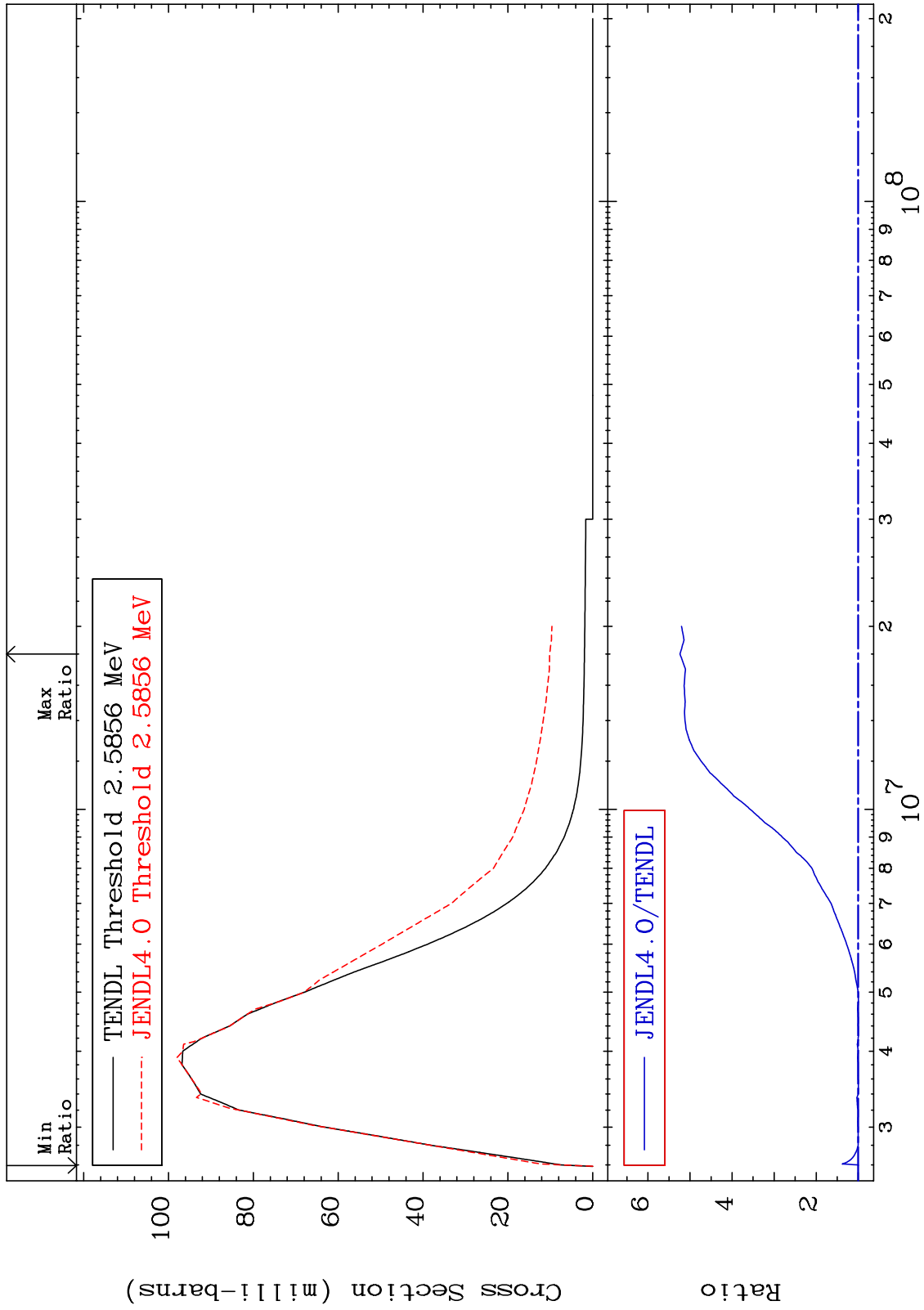
MAT 2625

MT= 51 (n,n') Level
Cross Section

26-Fe-54
-0.877 To 116.0 %



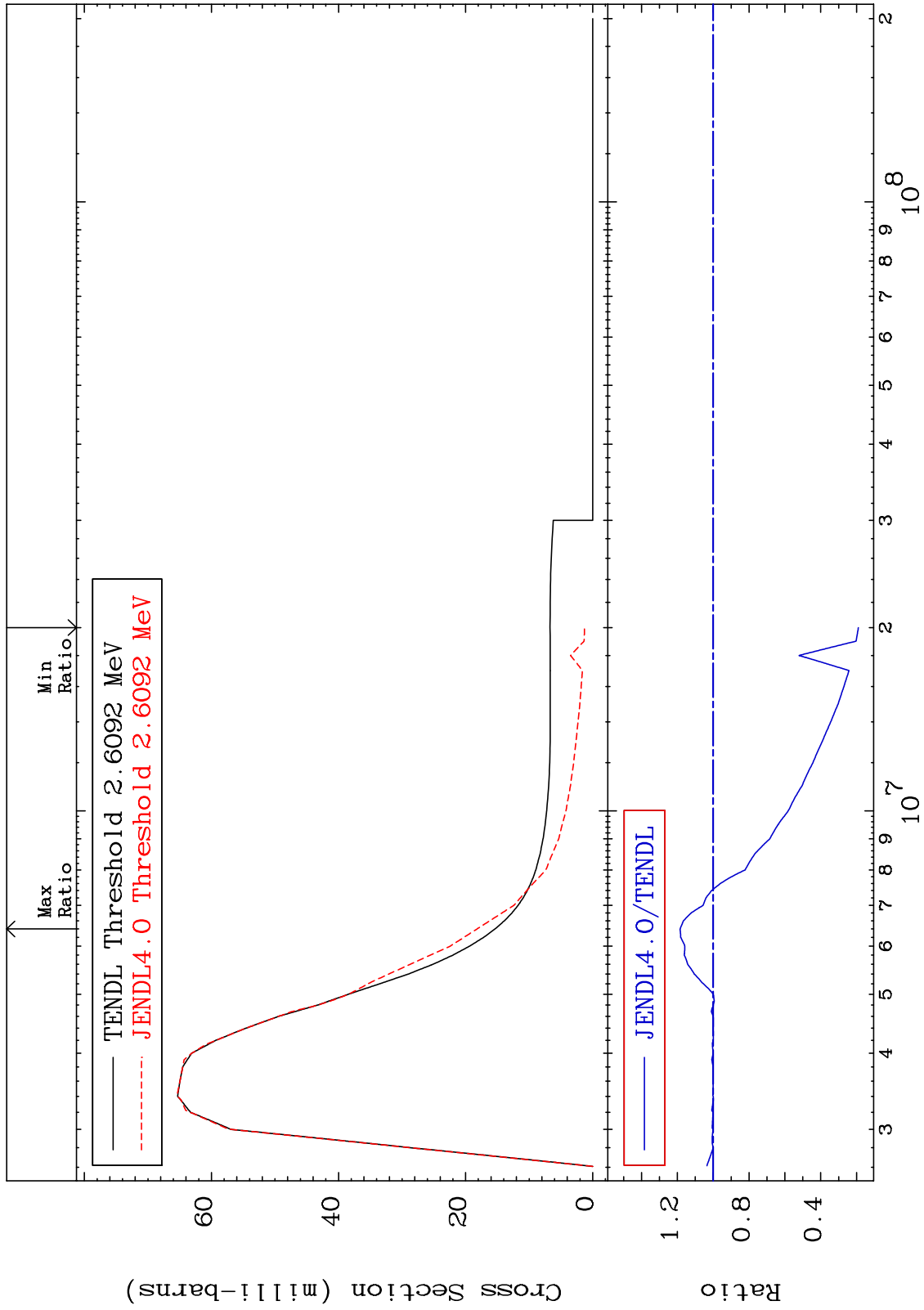
MAT 2625 MT= 52 (n,n') Level Cross Section -0.383 To 423.8 % 26-Fe-54



MAT 2625

MT= 53 (n,n') Level
Cross Section

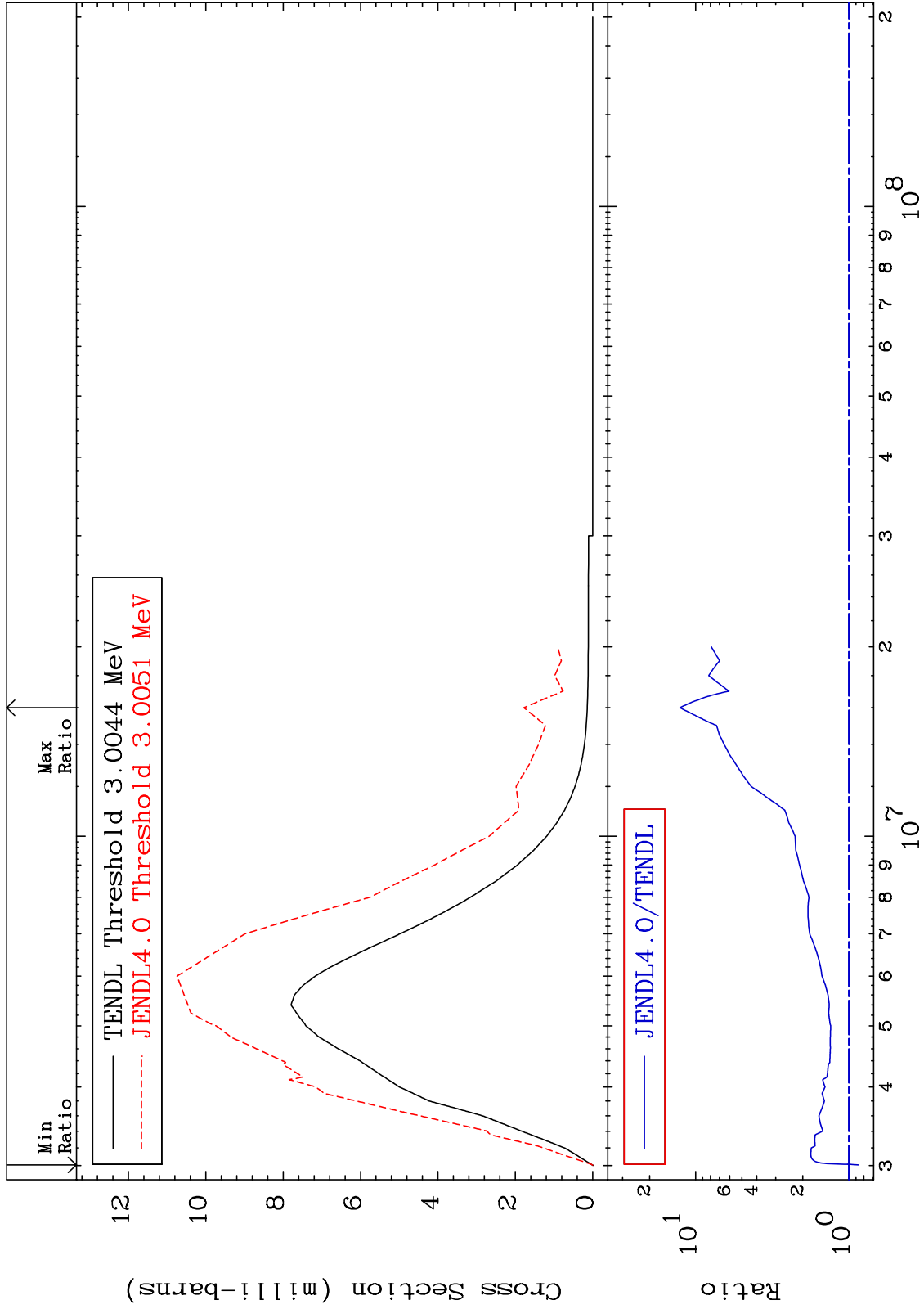
²⁶Fe-54
-81.03 To 18.51 %



MAT 2625

MT= 54 (n,n') Level
Cross Section

26-Fe-54
-13.35 To 1166. %

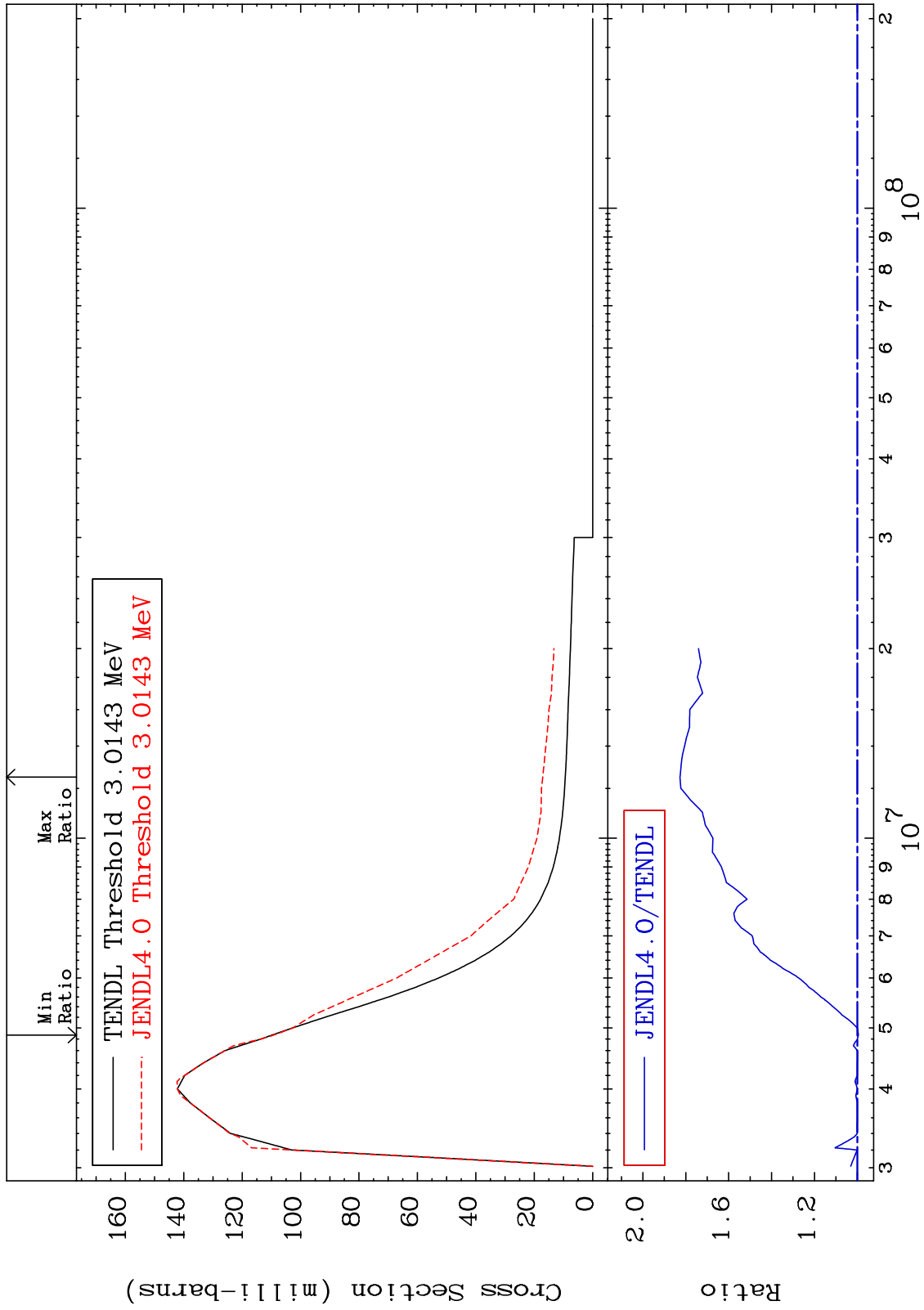


10

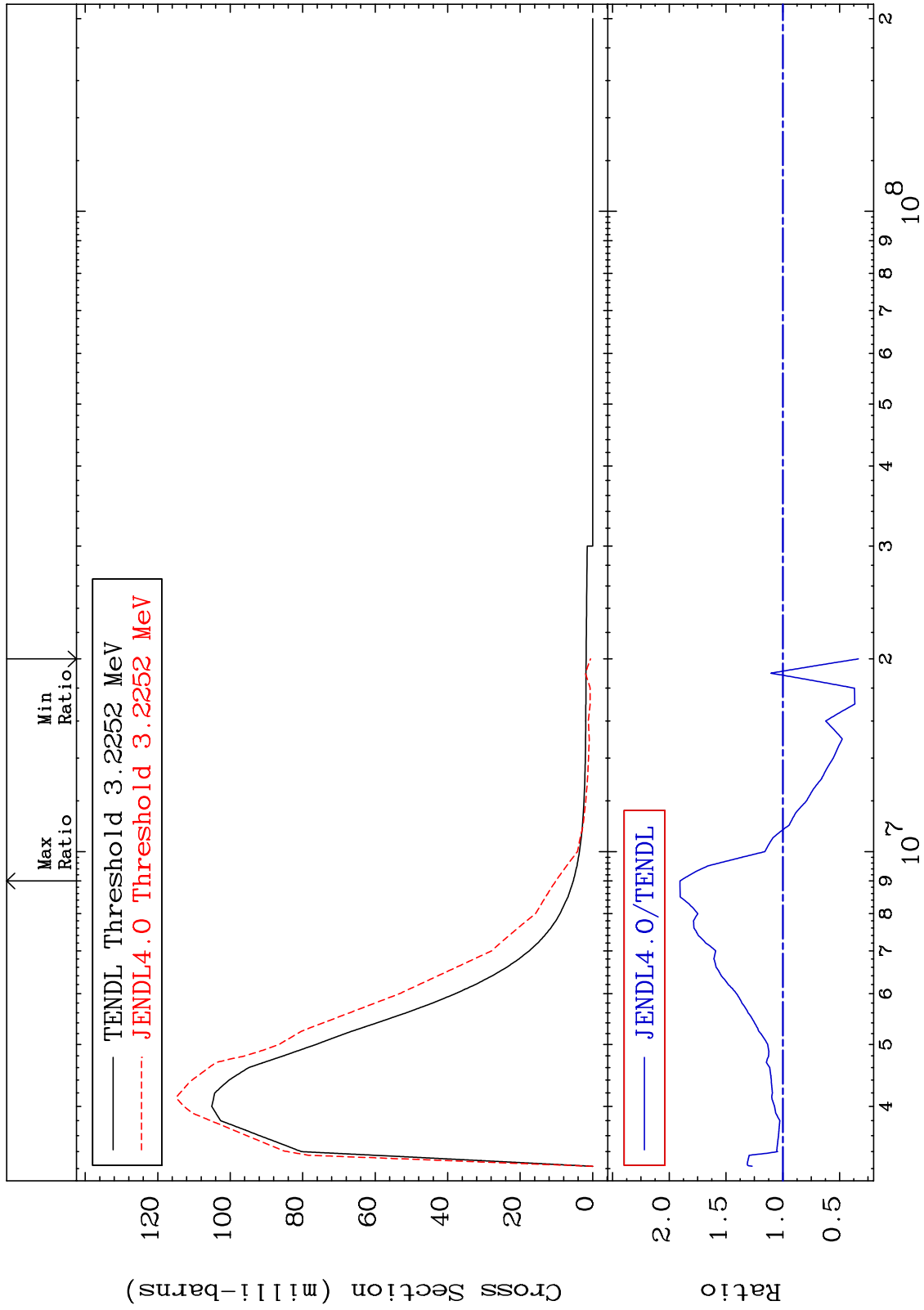
Incident Energy (eV)

26-Fe-54

MAT 2625 MT= 55 (n,n') Level Cross Section 26-Fe-54
 -0.488 To 82.67 %

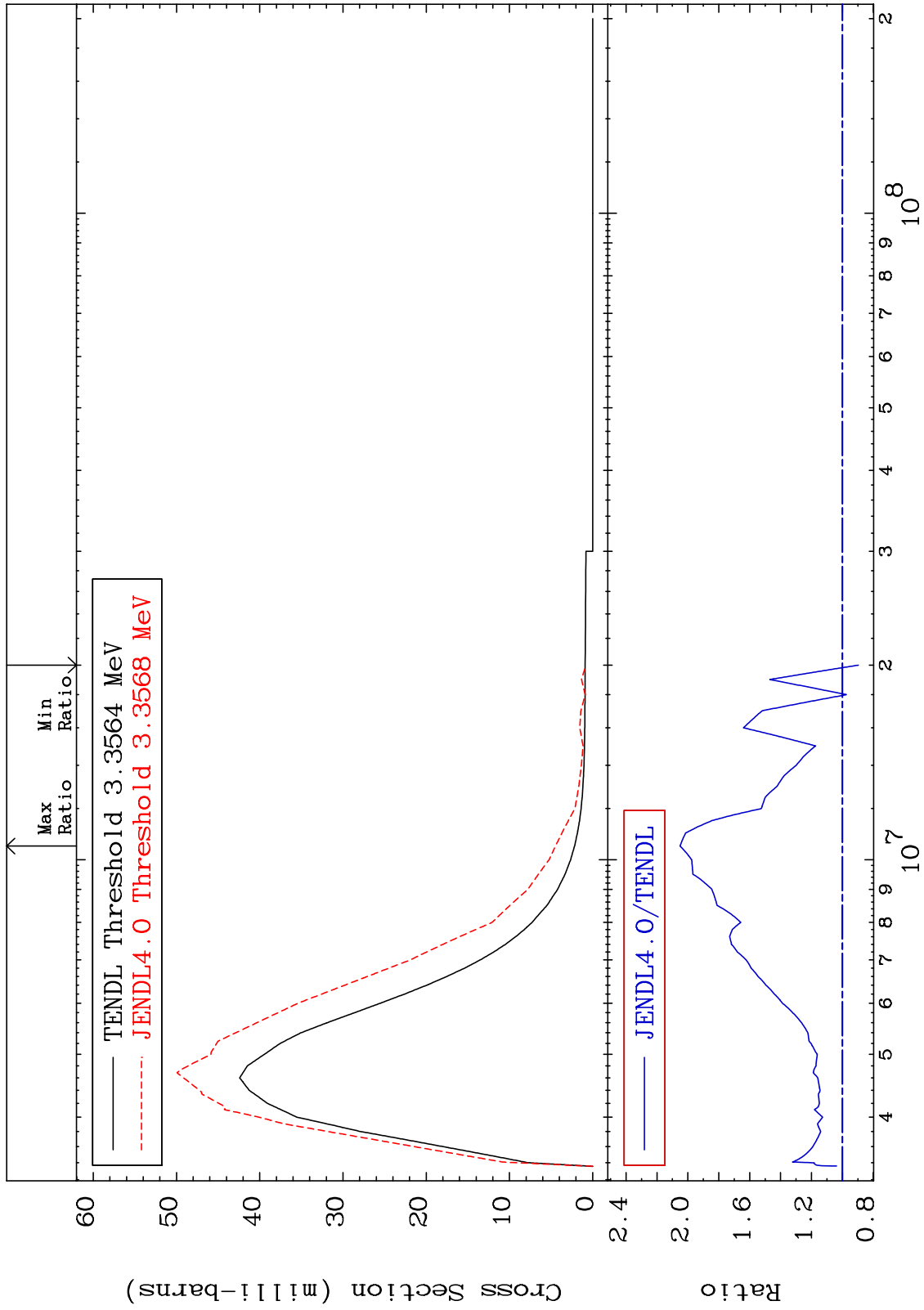


MAT 2625 MT= 56 (n,n') Level Cross Section 26-Fe-54
 -66.56 To 90.51 %

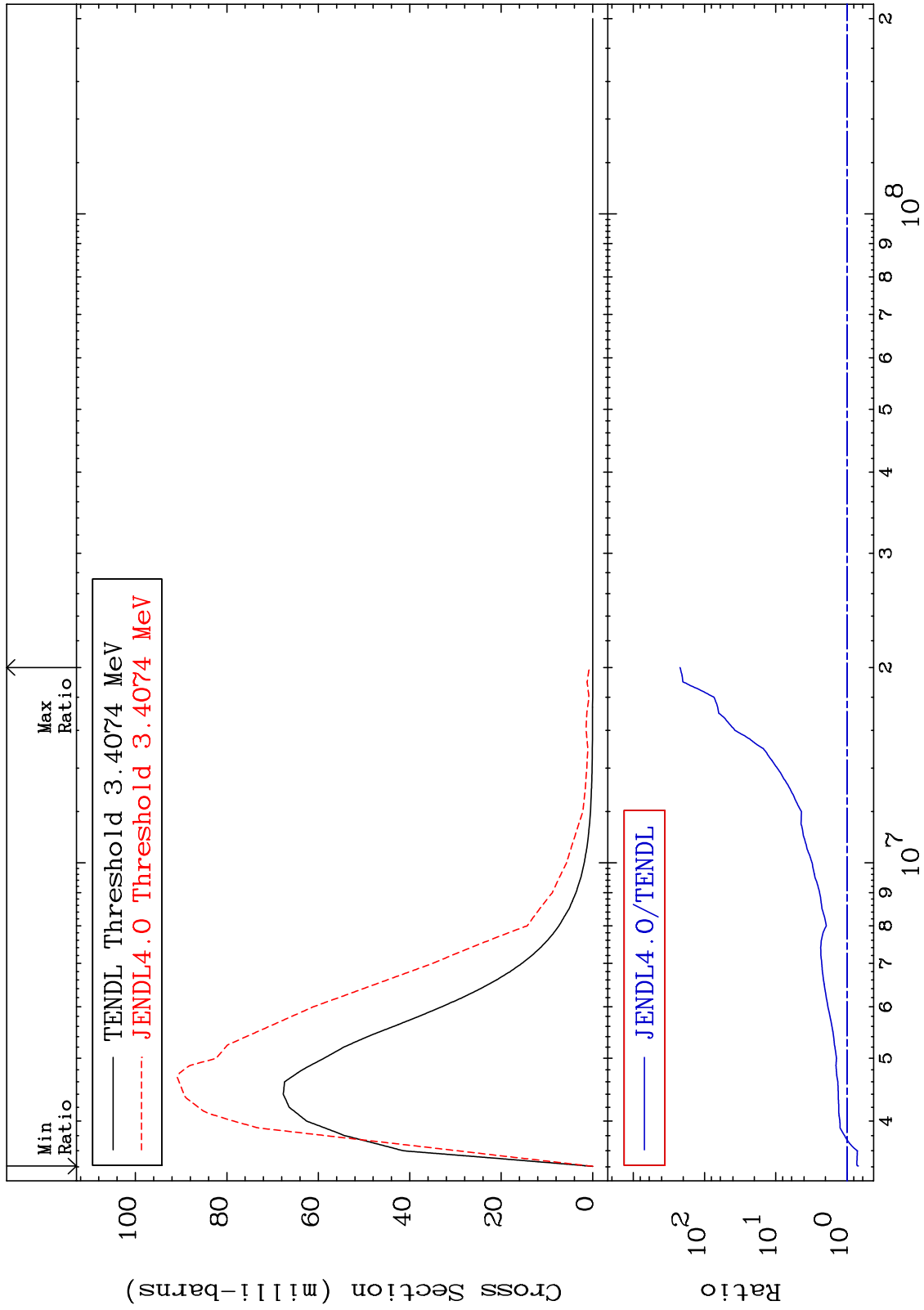


12 26-Fe-54

MAT 2625 MT= 57 (n,n') Level Cross Section -10.37 To 105.1 % 26-Fe-54



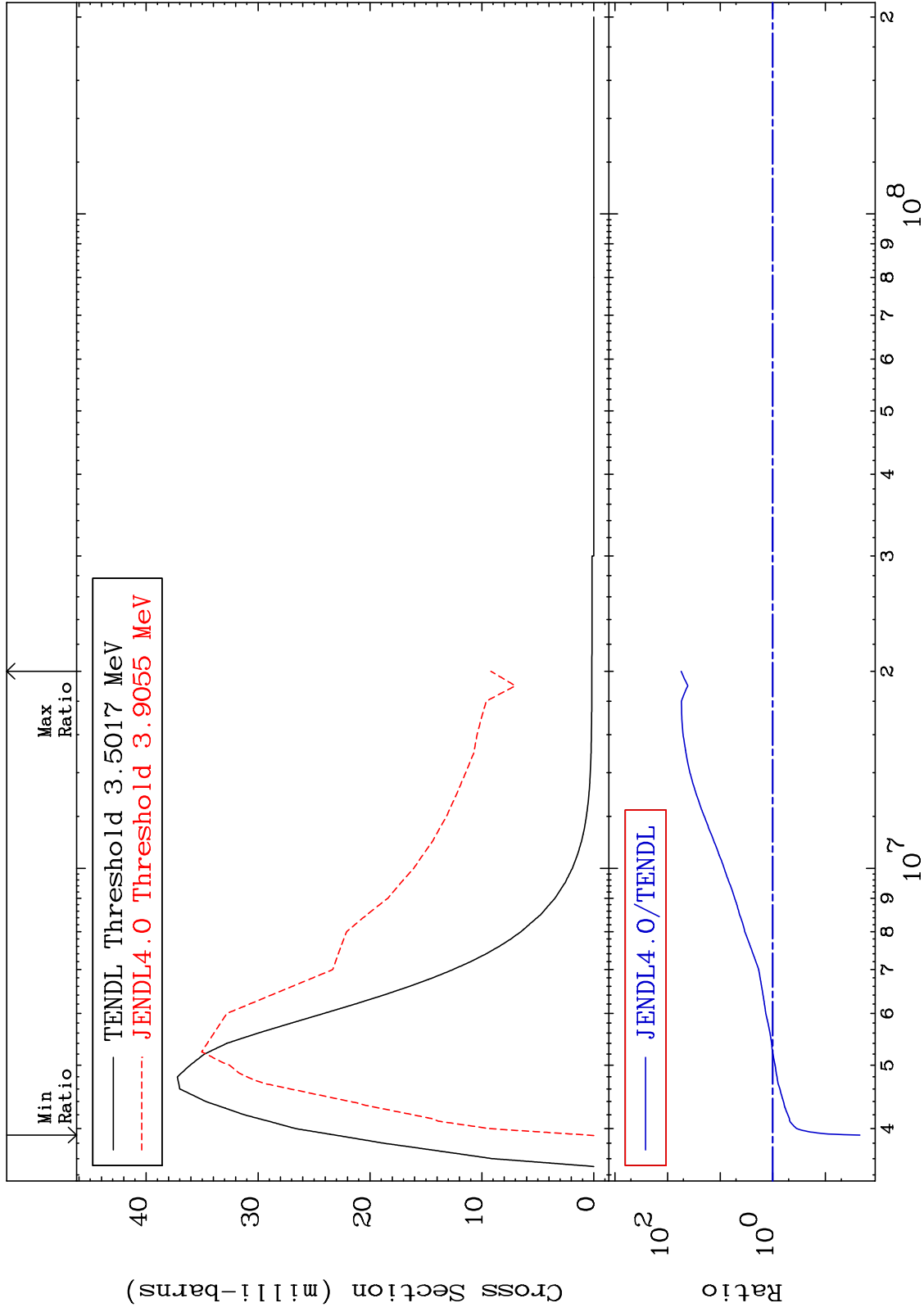
MAT 2625 MT= 58 (n,n') Level Cross Section 26-Fe-54
 -31.02 To 9999. %



MAT 2625

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

26-Fe-54
-97.80 To 5408. %



15

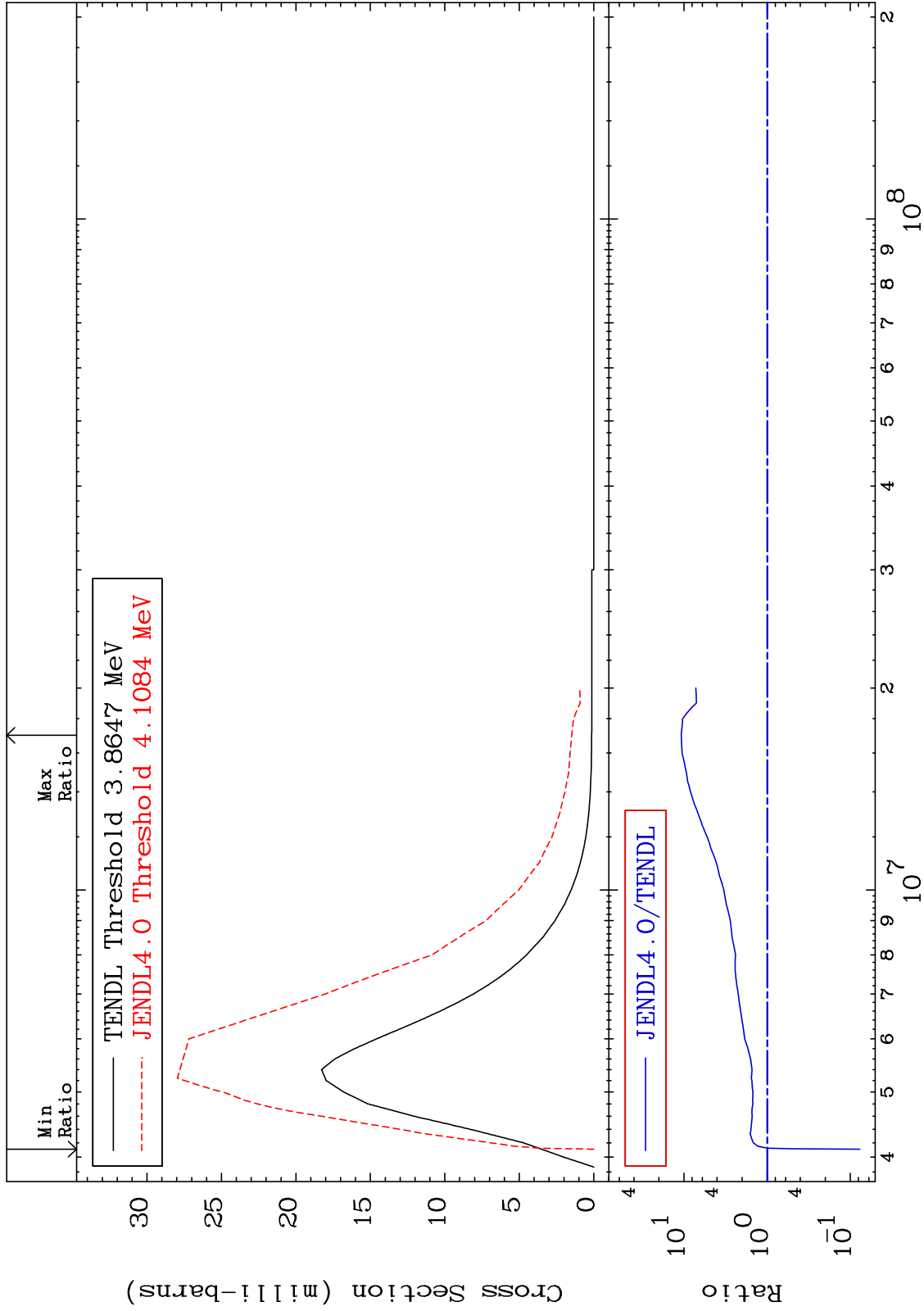
Incident Energy (eV)

26-Fe-54

MAT 2625

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

26-Fe-54
-92.33 To 979.7 %



16

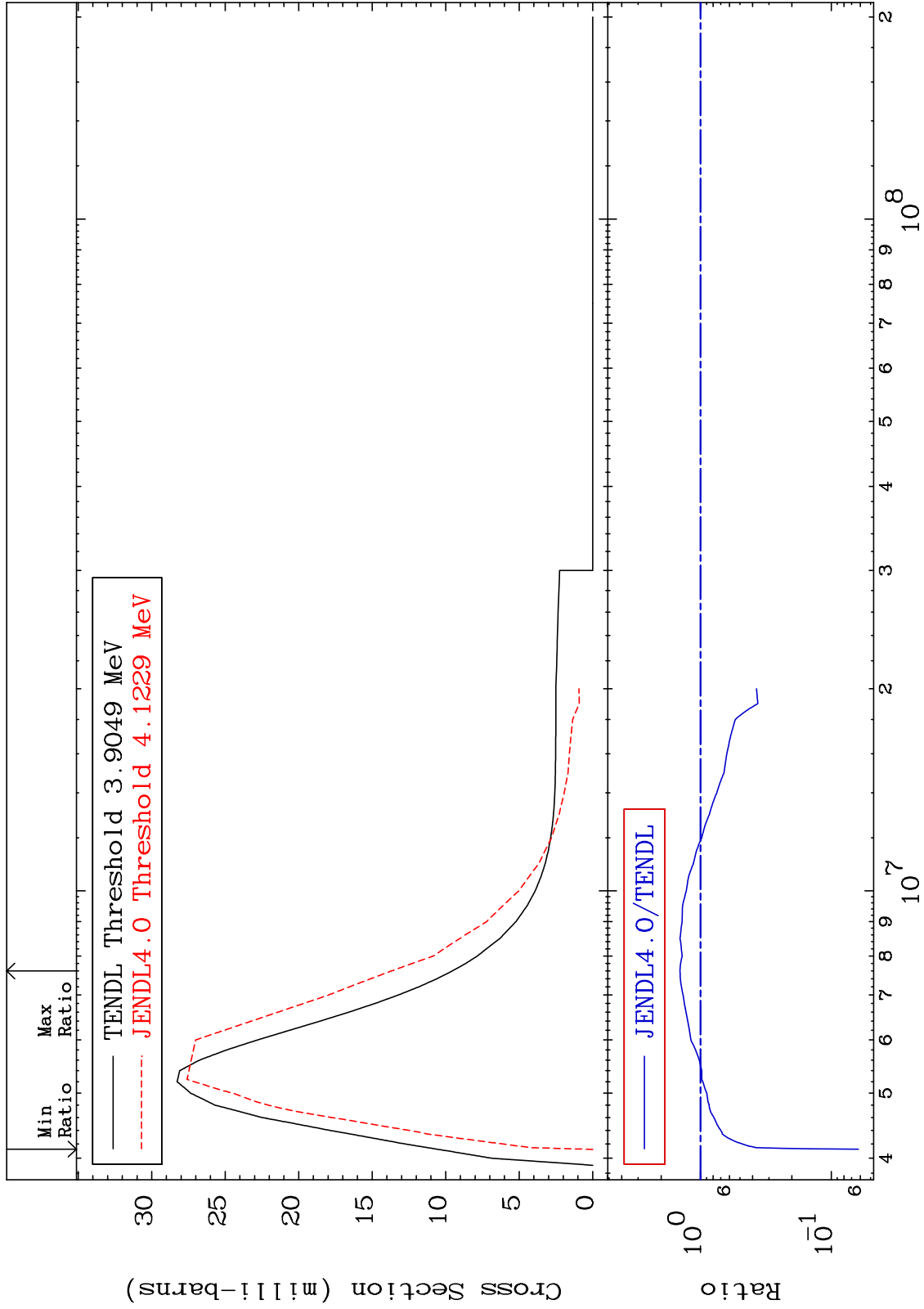
Incident Energy (eV)

26-Fe-54

MAT 2625

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

26-Fe-54
-93.80 To 43.35 %



17

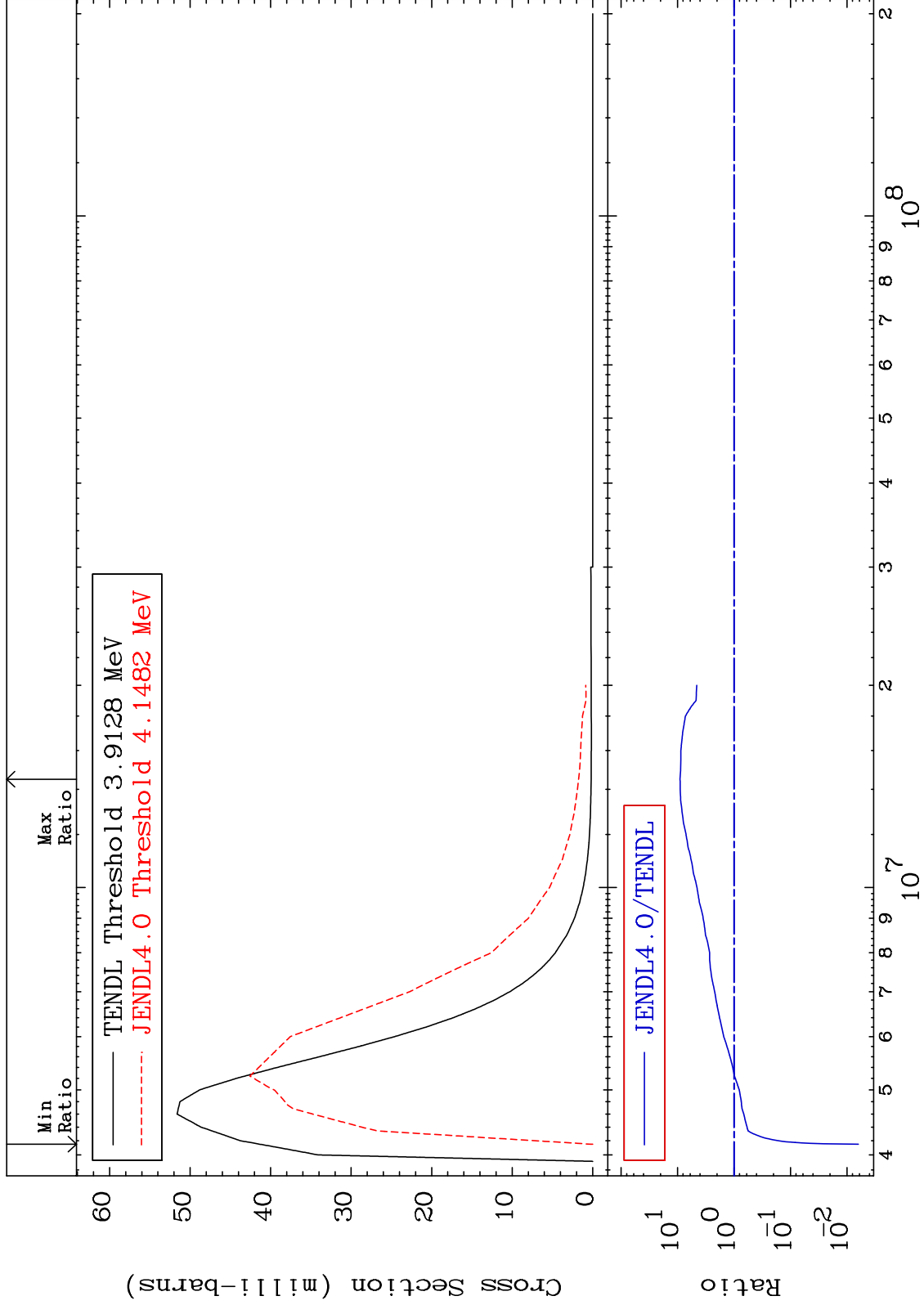
Incident Energy (eV)

26-Fe-54

MAT 2625

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

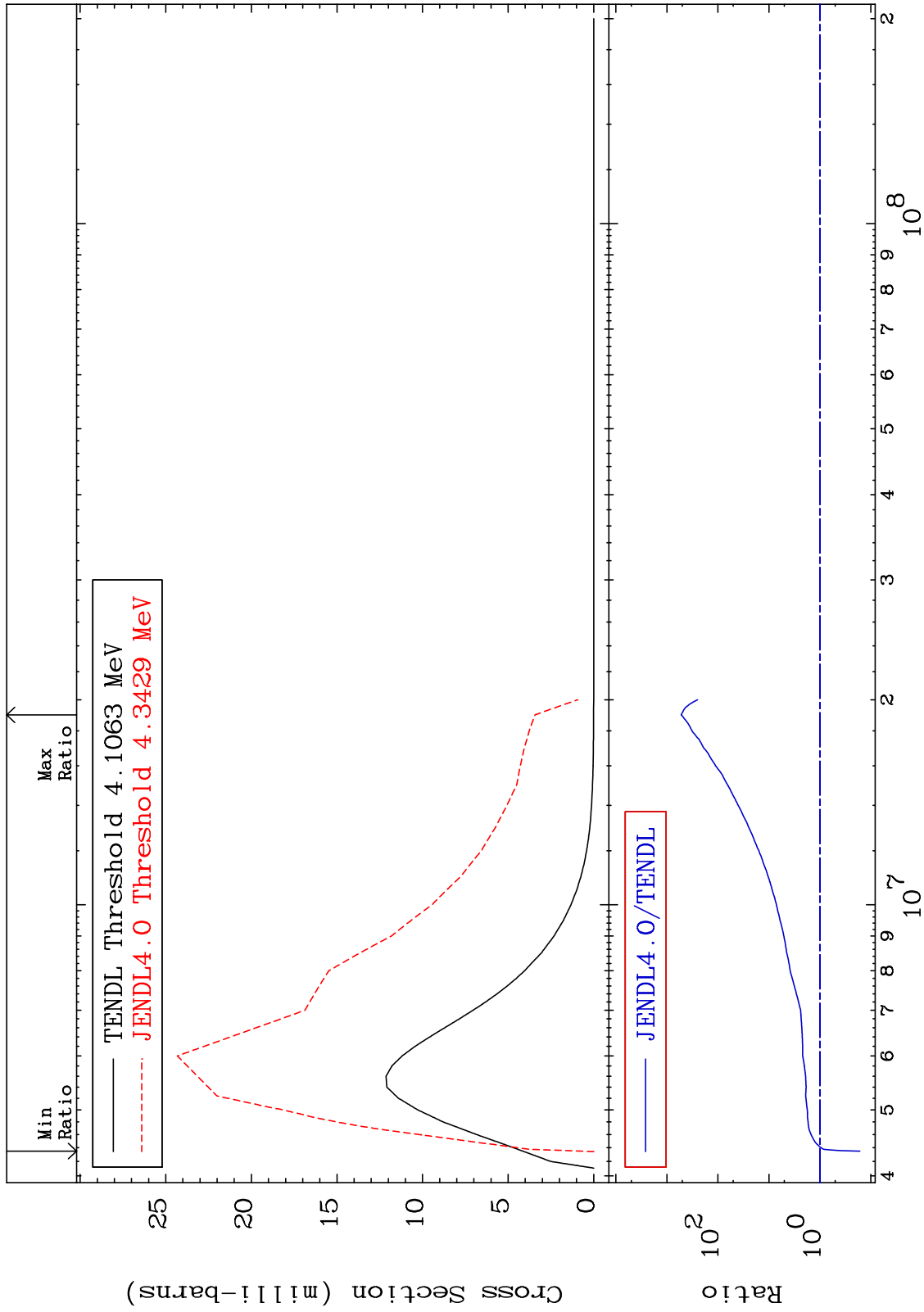
26-Fe-54
-99.37 To 807.0 %



MAT 2625

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

26-Fe-54
-83.60 To 9999. %



19

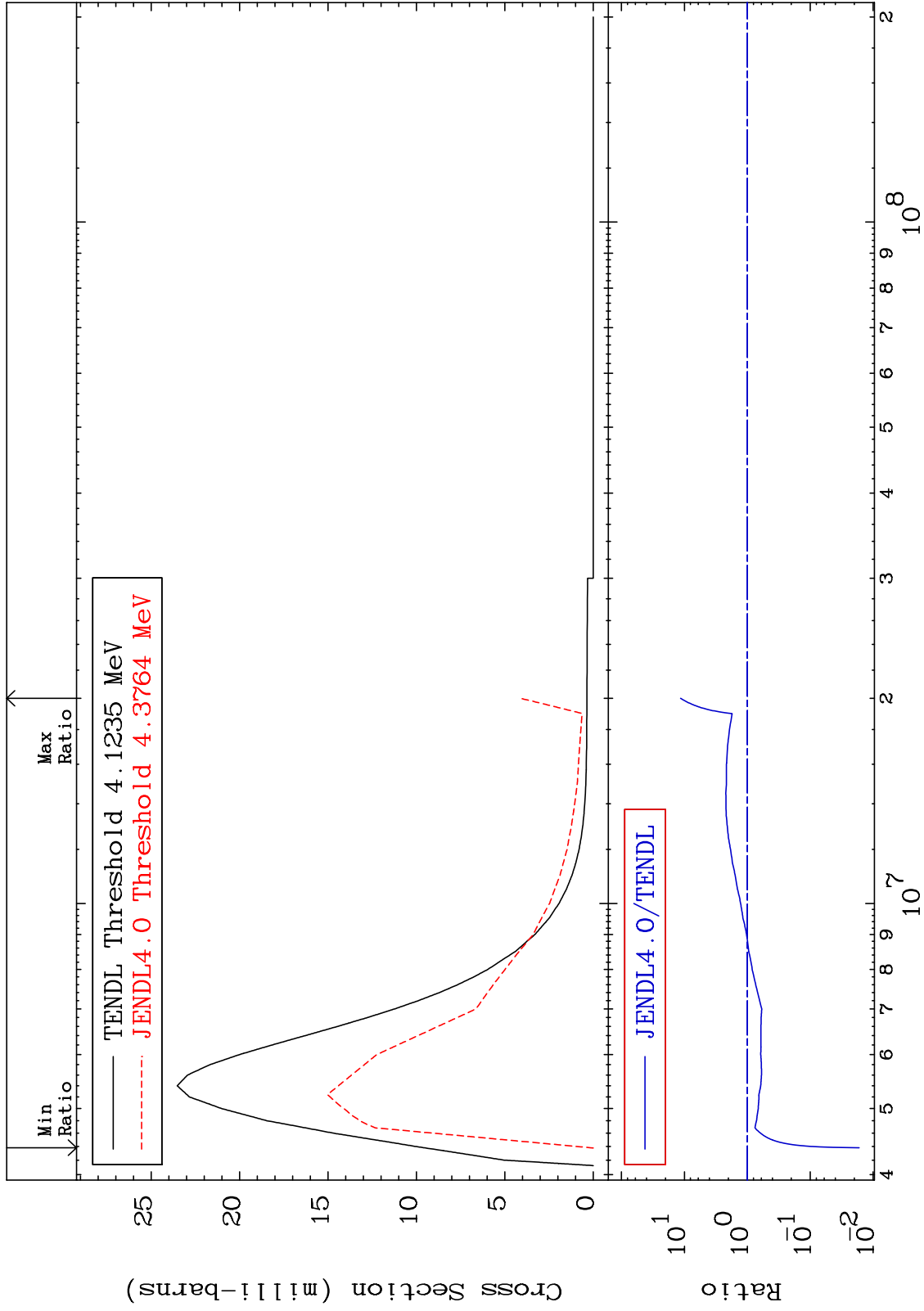
Incident Energy (eV)

26-Fe-54

MAT 2625

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

26-Fe-54
-98.33 To 1047. %



20

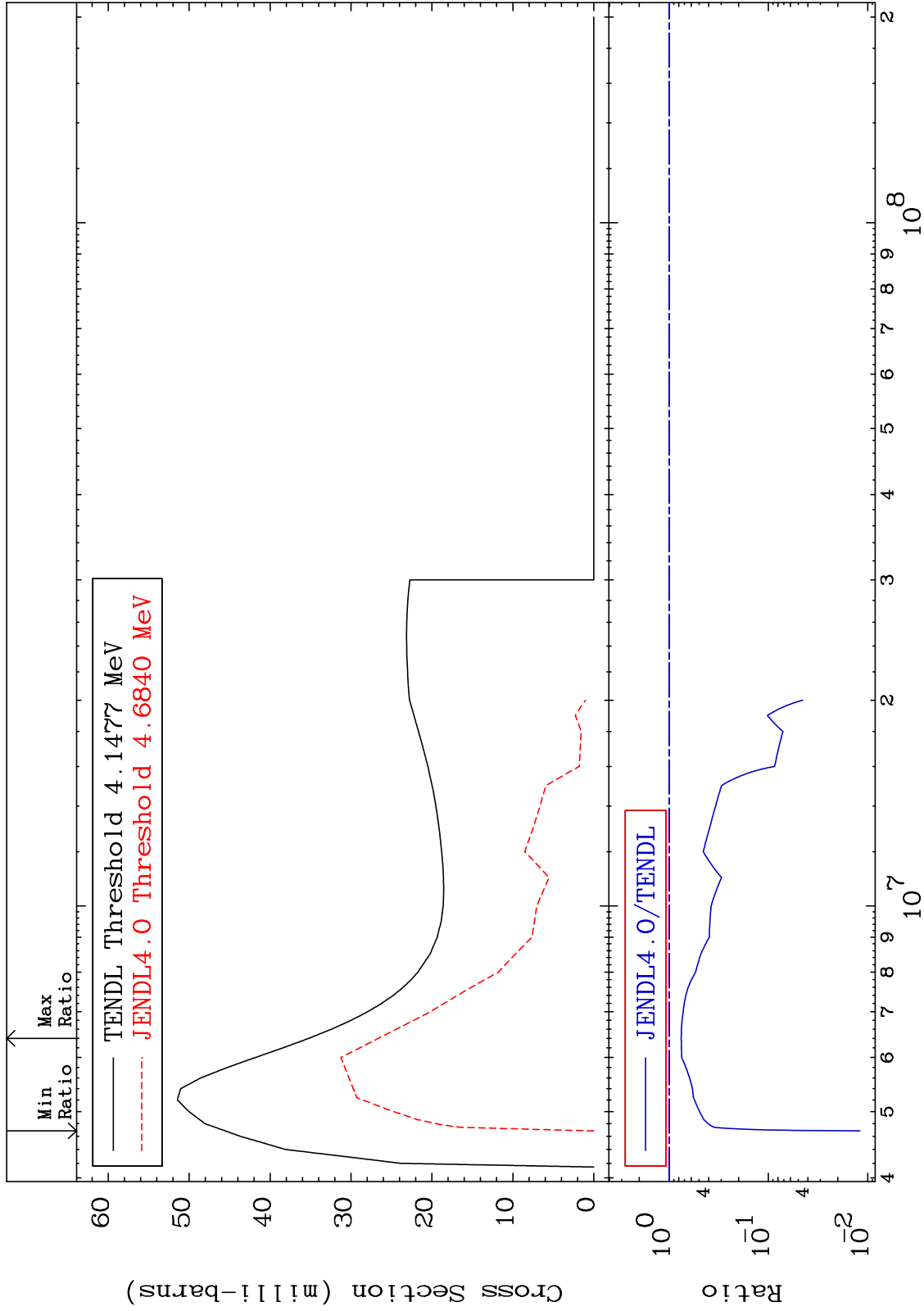
Incident Energy (eV)

26-Fe-54

MAT 2625

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

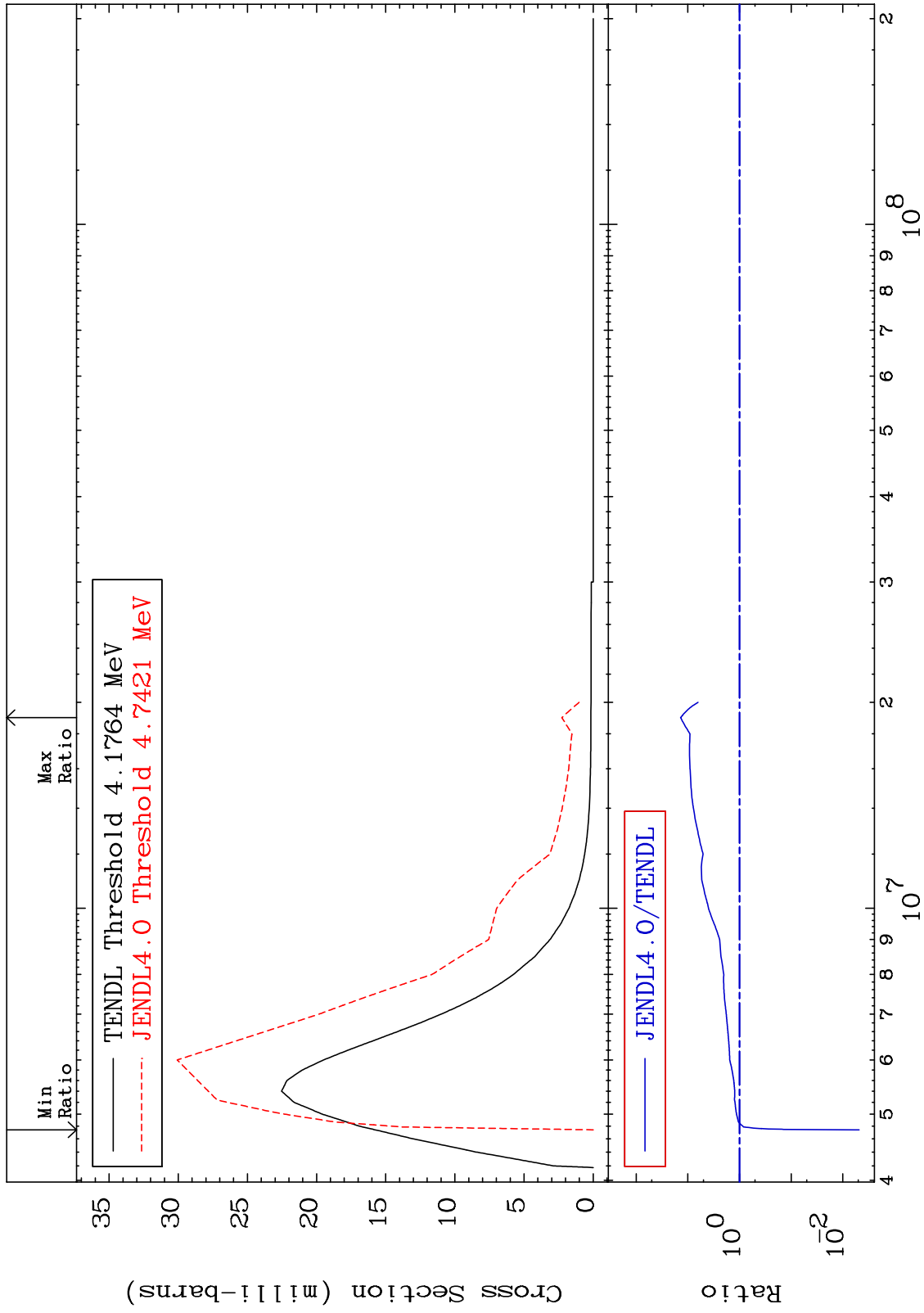
26-Fe-54
-98.80 To -24.41%



MAT 2625

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

26-Fe-54
-99.52 To 1278. %



22

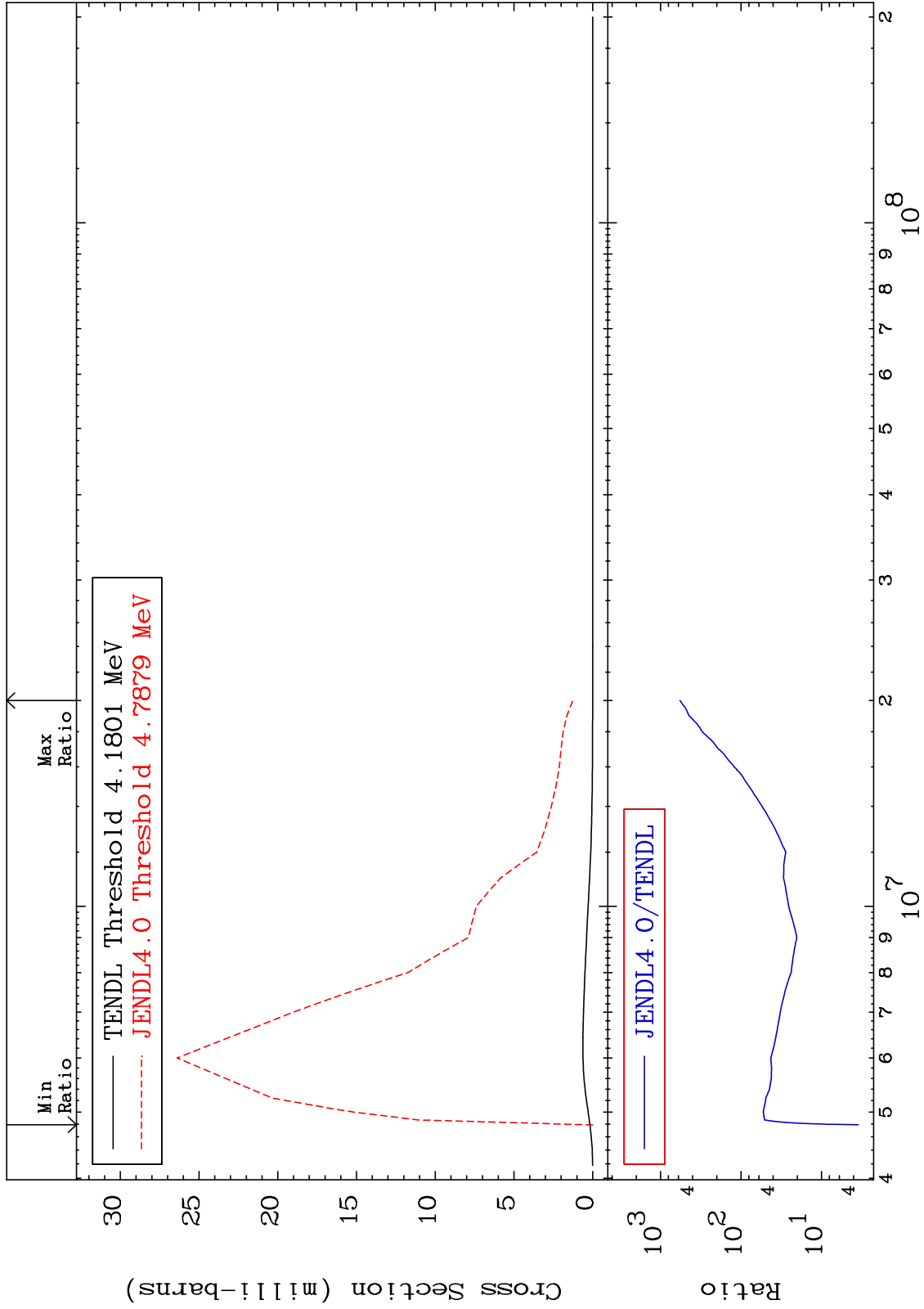
Incident Energy (eV)

26-Fe-54

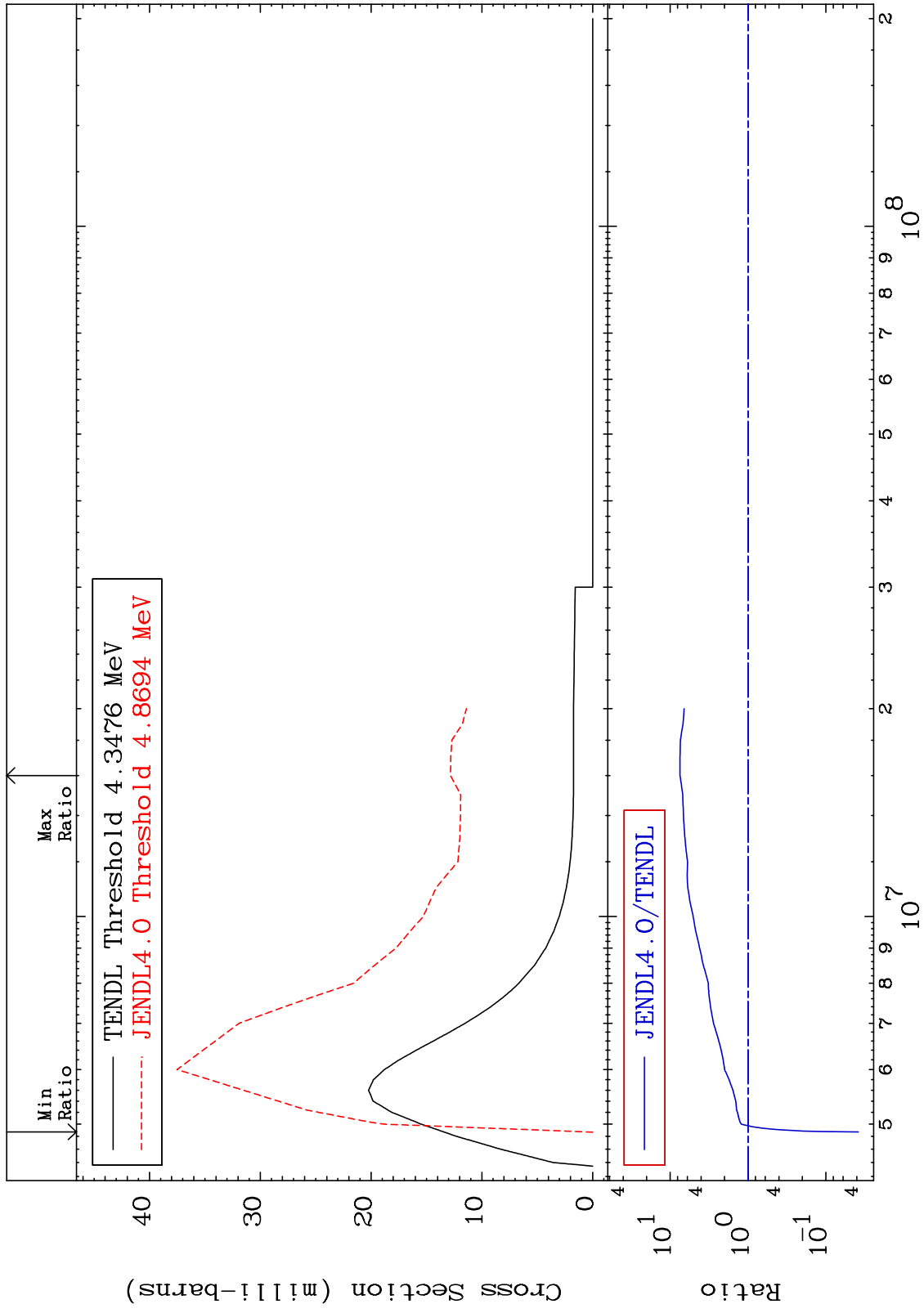
MAT 2625

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

26-Fe-54
248.9 To 9999. %



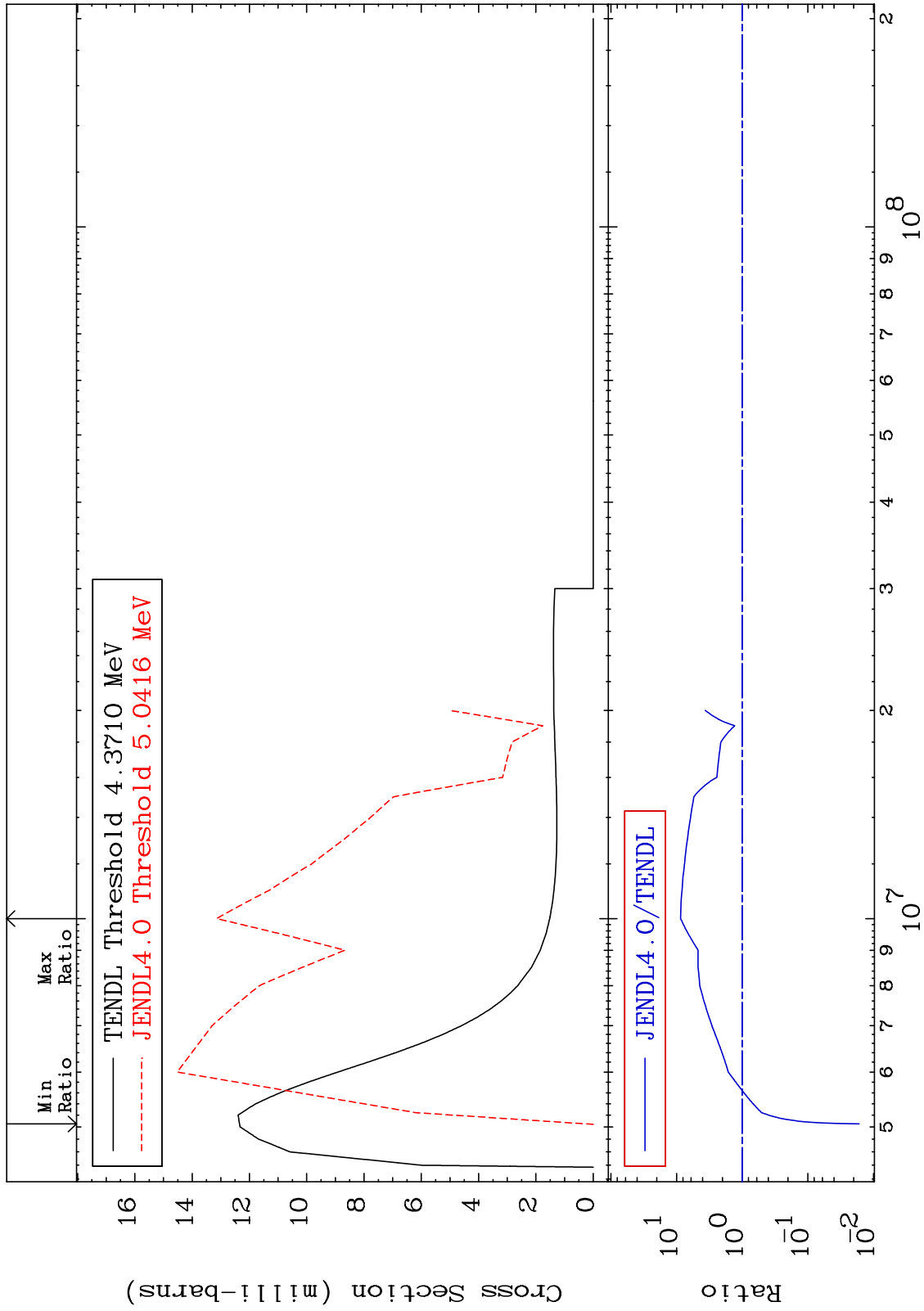
MAT 2625 MT= 68 (n,n') Level Cross Section 26-Fe-54
 -96.19 To 645.4 %



MAT 2625

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

26-Fe-54
-98.35 To 766.5 %



25

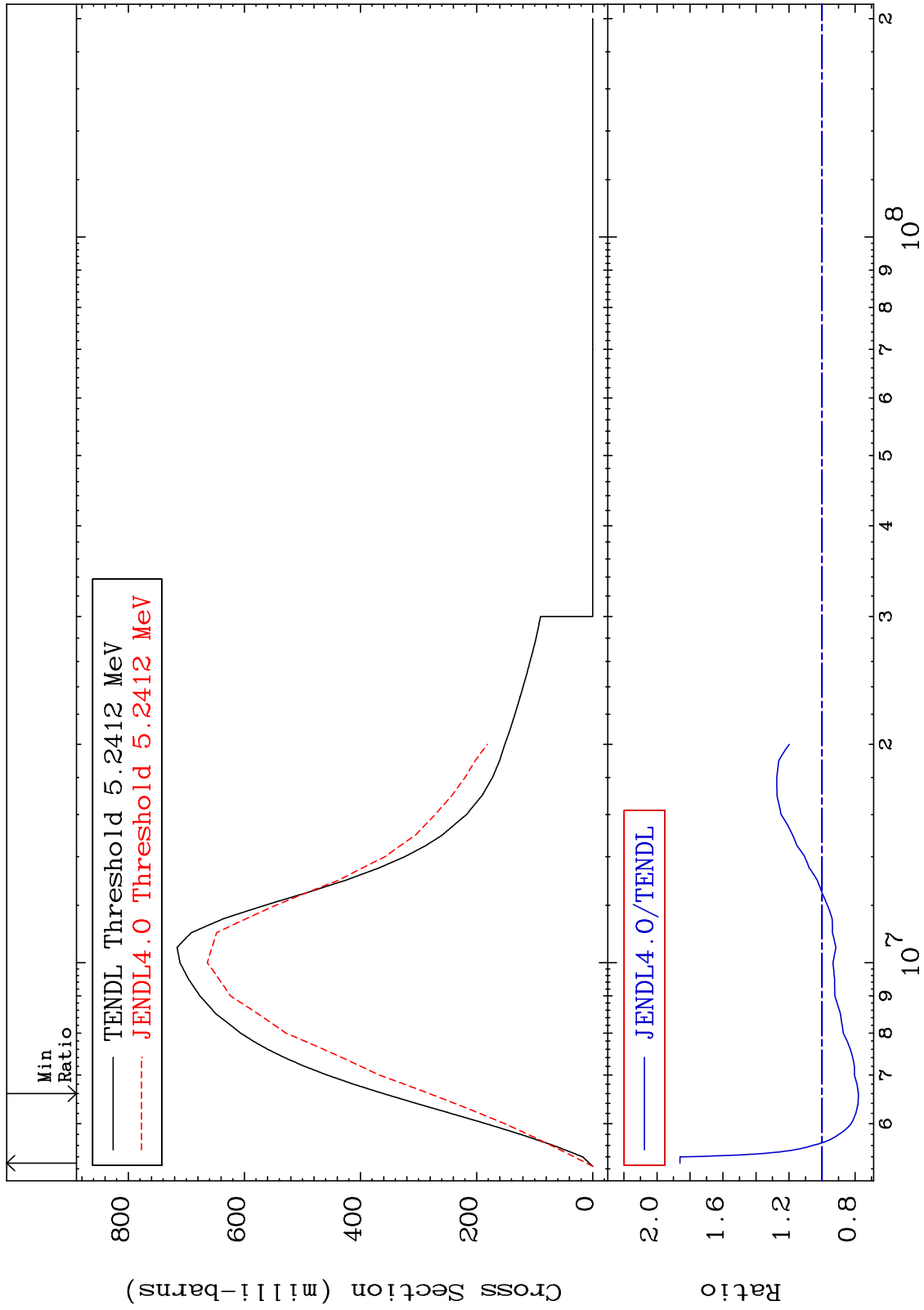
Incident Energy (eV)

26-Fe-54

MAT 2625

(n,n') Continuum
Cross Section

²⁶Fe-54
-22.04 To 86.05 %



26

Incident Energy (eV)

²⁶Fe-54

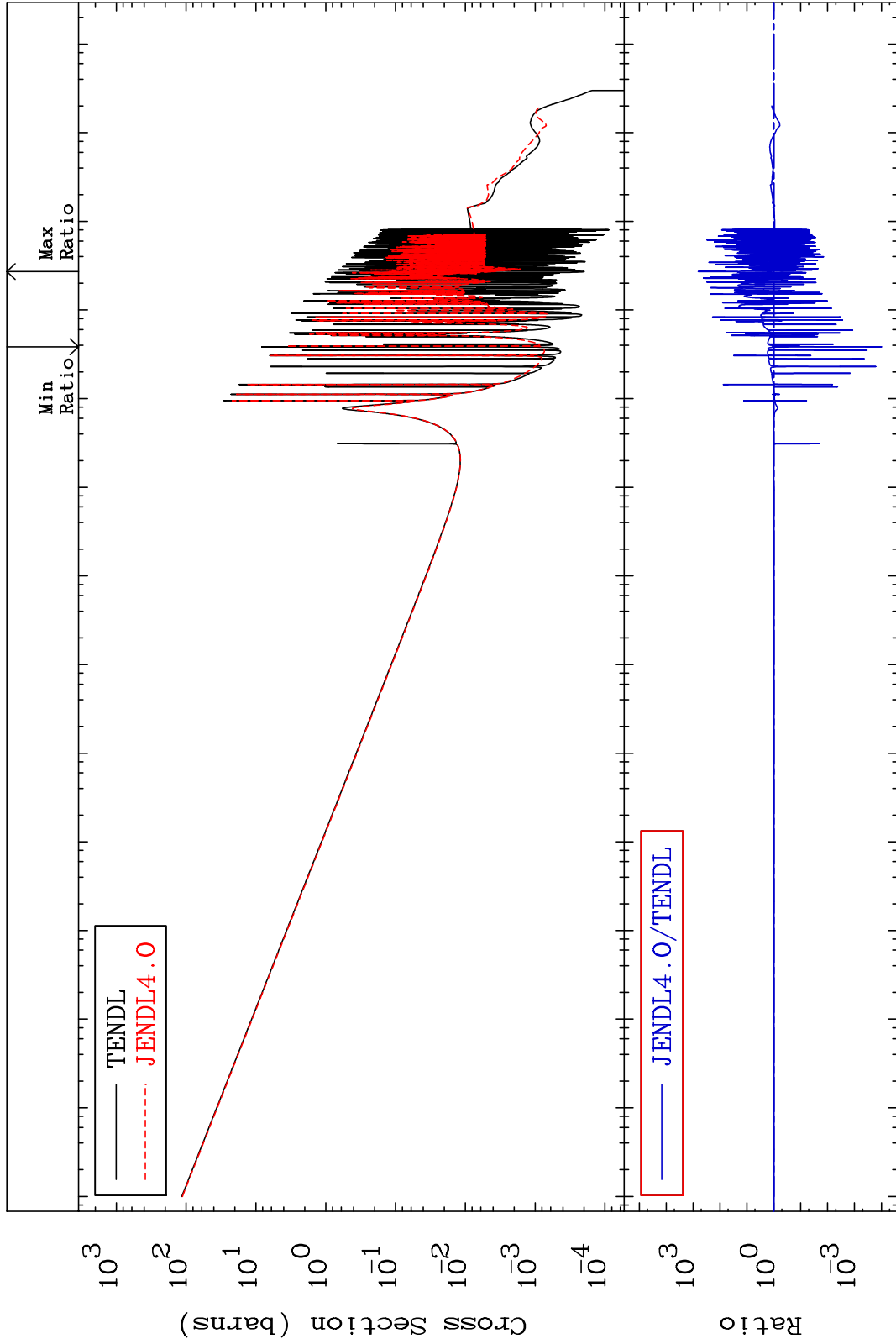
MAT 2625

(n, γ)

26-Fe-54

Cross Section

-99.99 To 9999. %



Incident Energy (eV)

26-Fe-54

27

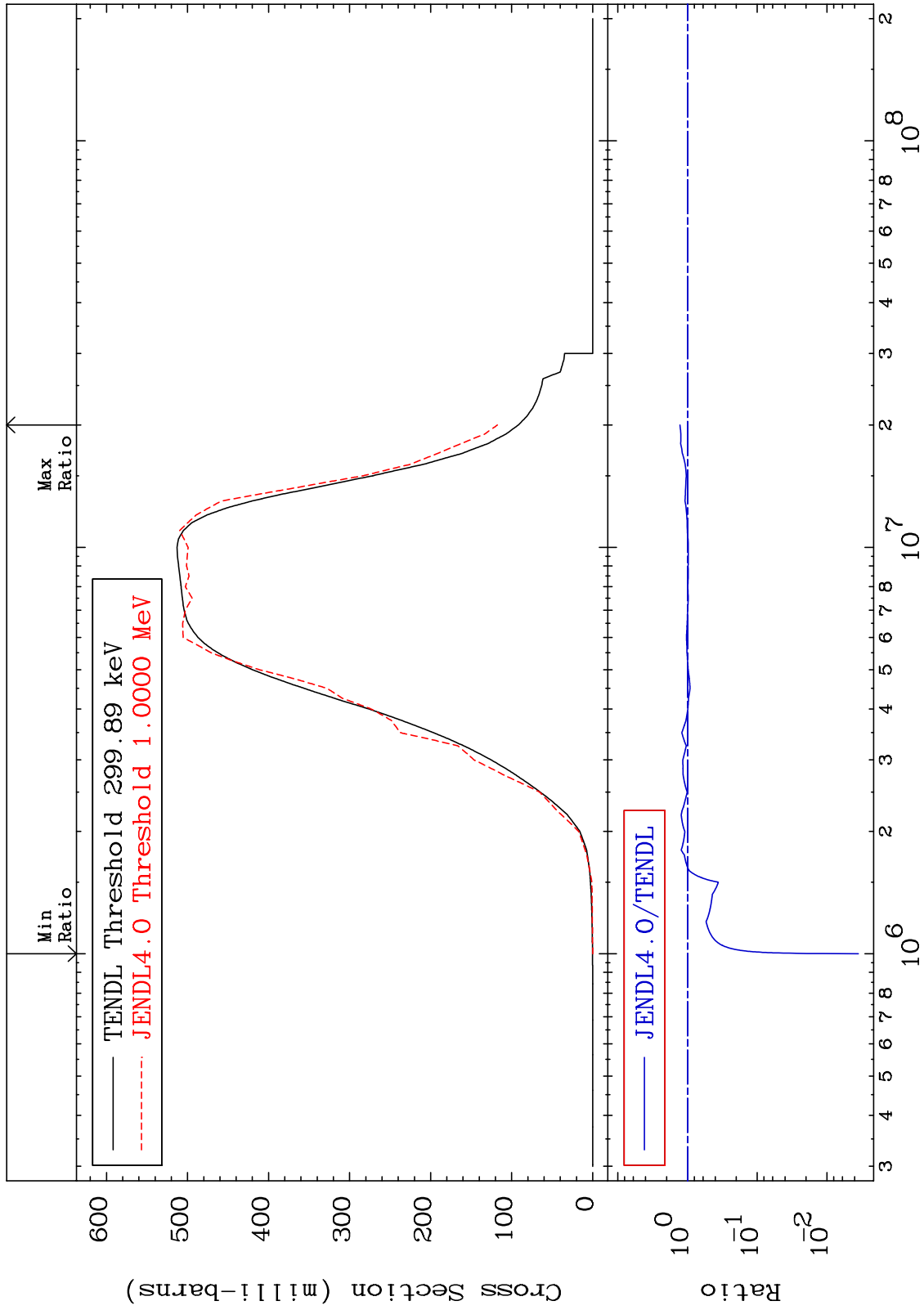
MAT 2625

²⁶Fe-54

(n,p)

Cross Section

-99.65 To 28.17 %



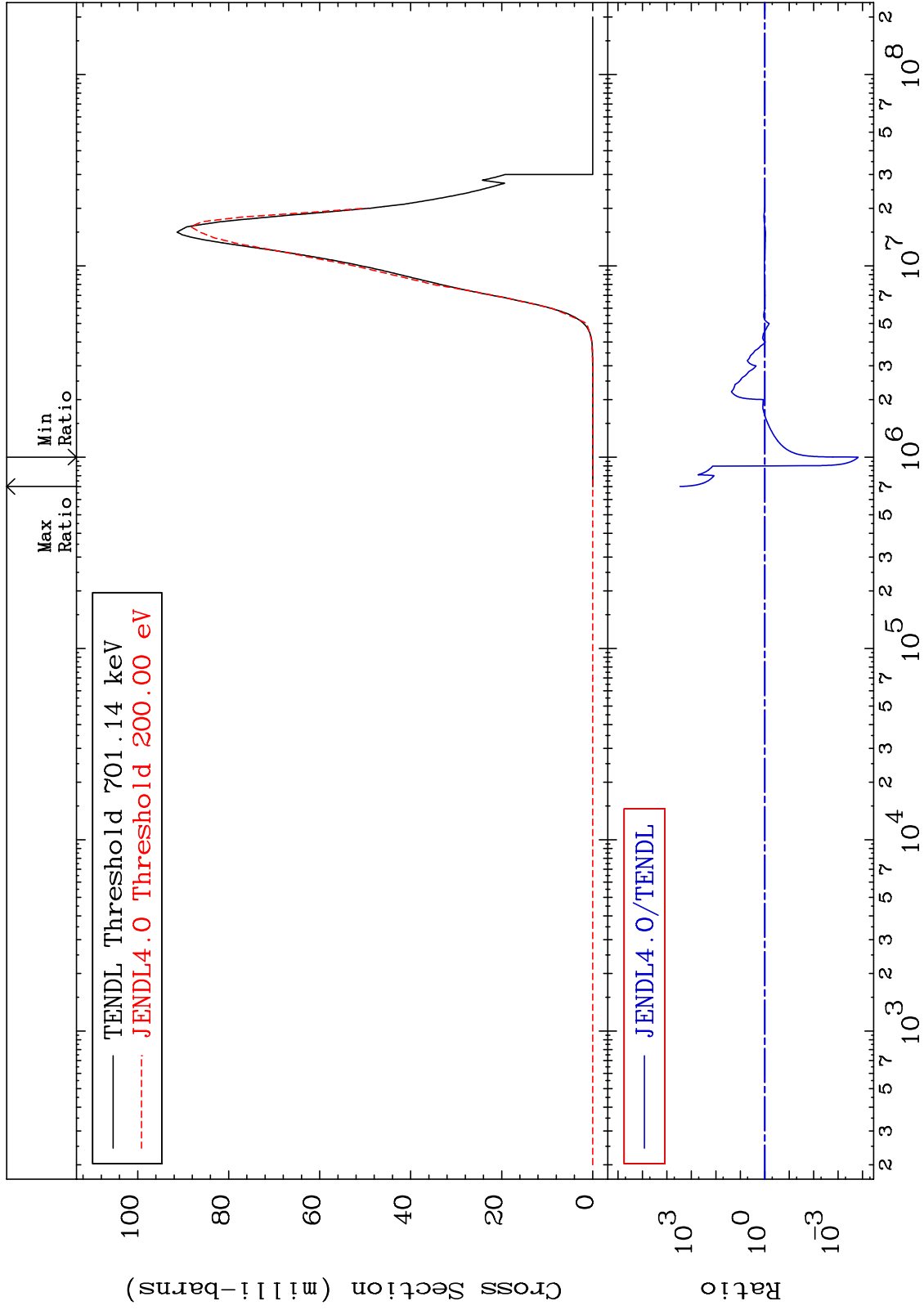
MAT 2625

(n, α)

²⁶Fe-54

Cross Section

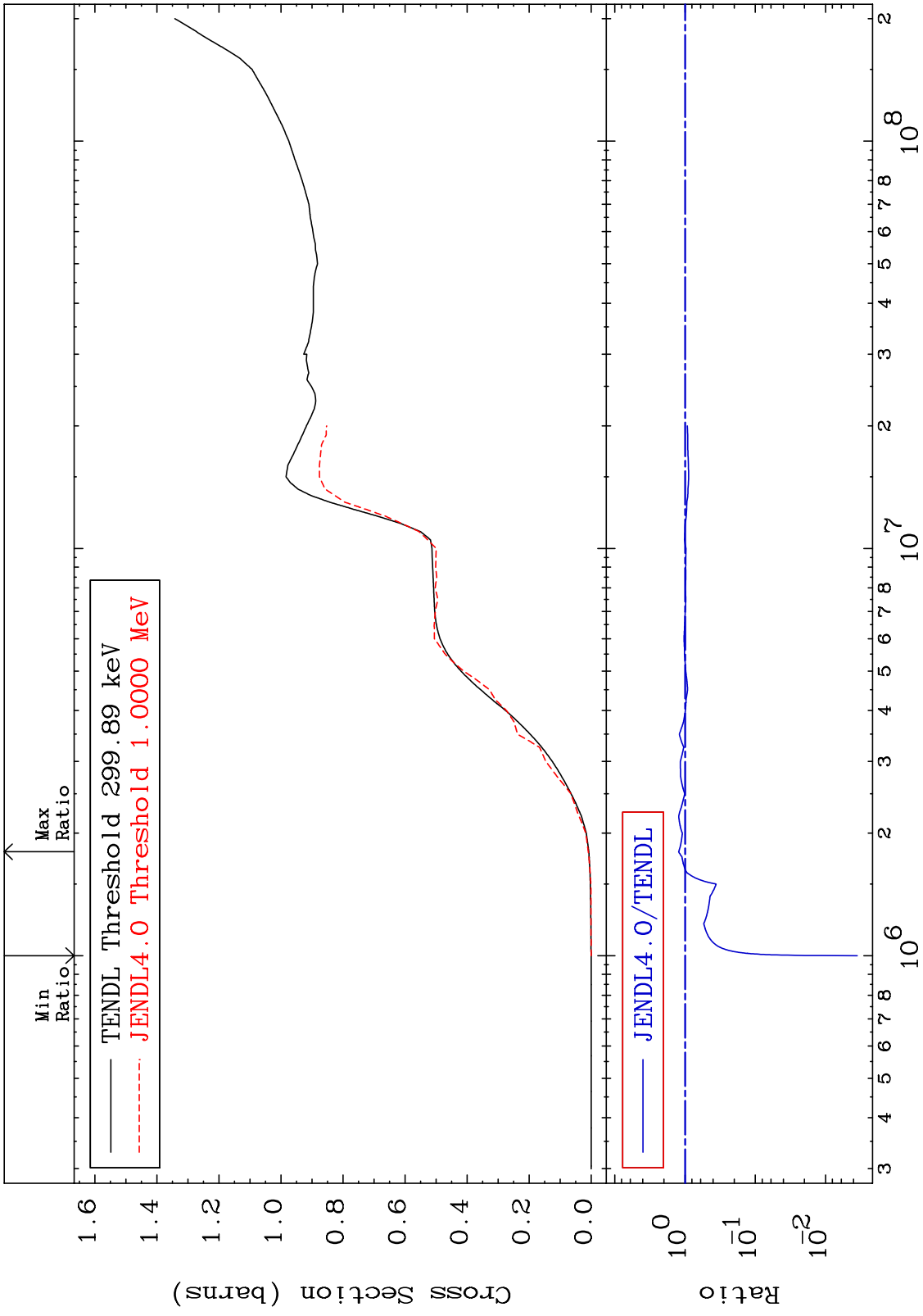
-99.99 To 9999. %



MAT 2625

Hydrogen Production
Cross Section

²⁶Fe-54
-99.65 To 23.46 %



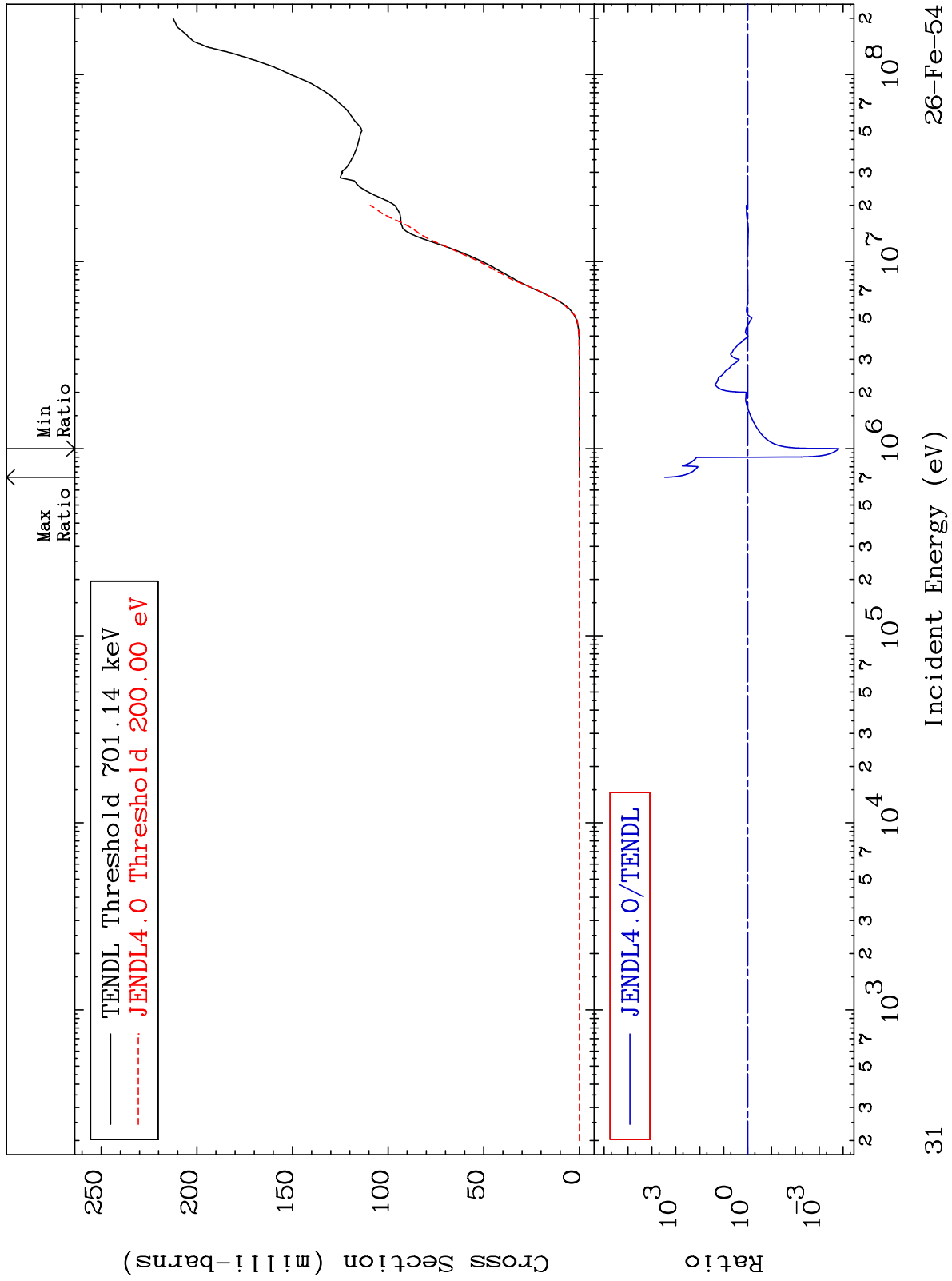
30

²⁶Fe-54

MAT 2625

He-4 Production
Cross Section

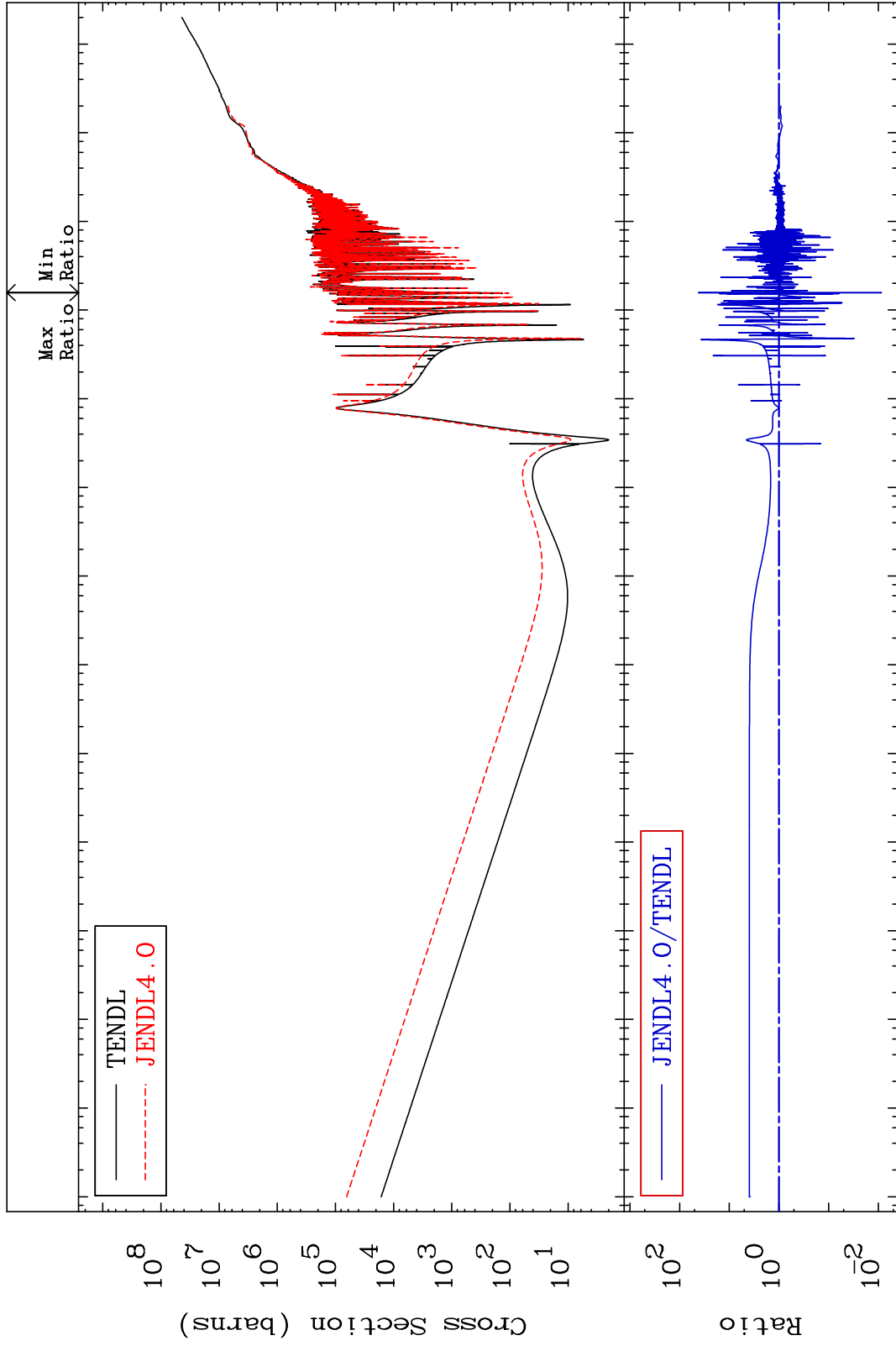
²⁶Fe-54
-99.99 To 9999. %



MAT 2625

Kerma total (eV-barns)
Cross Section

26-Fe-54
-99.14 To 4091. %



26-Fe-54

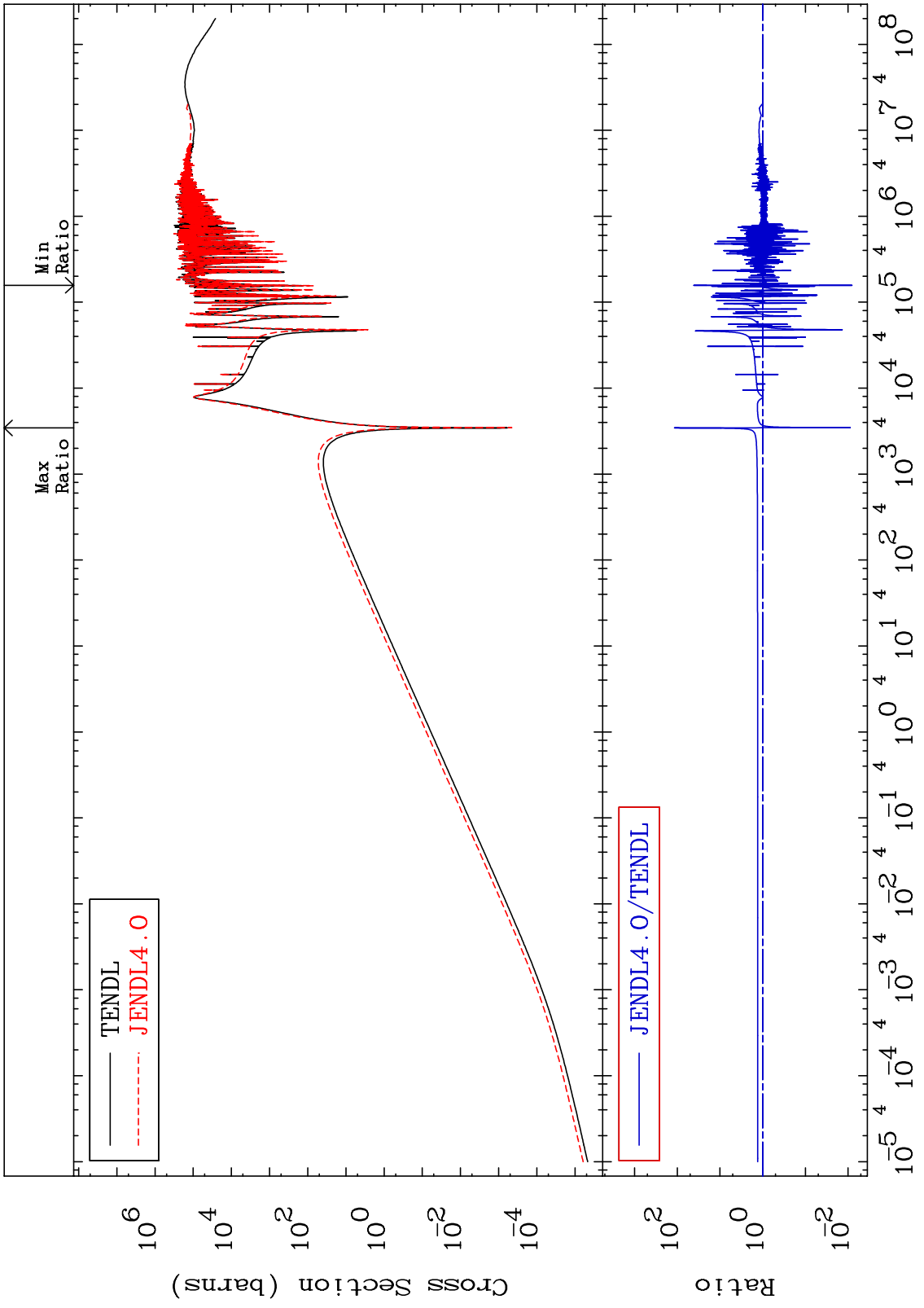
Incident Energy (eV)

32

MAT 2625

Kerma elastic
Cross Section

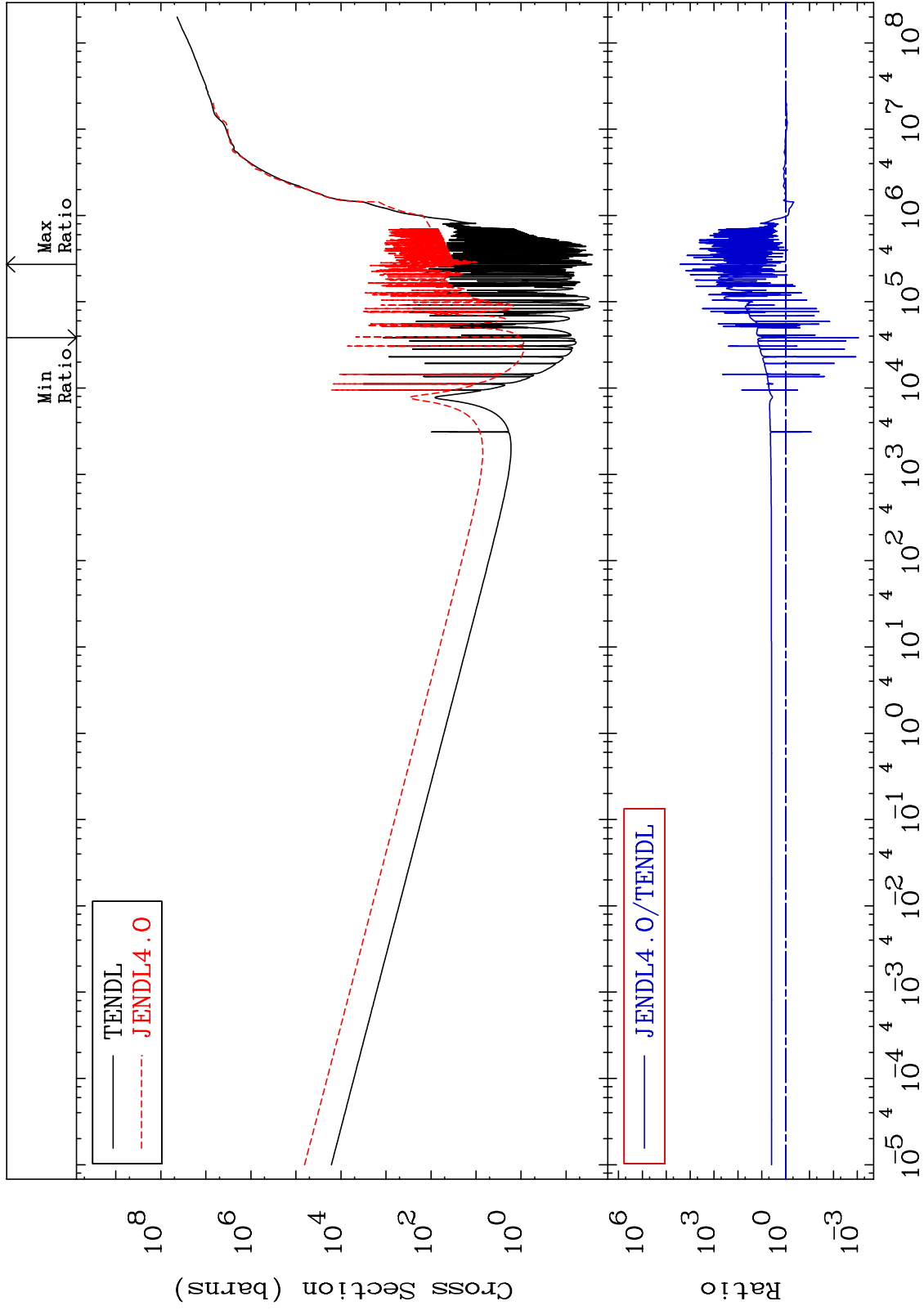
26-Fe-54
-99.20 To 9999. %



MAT 2625

Kerma non-elastic (all but mt2)
Cross Section

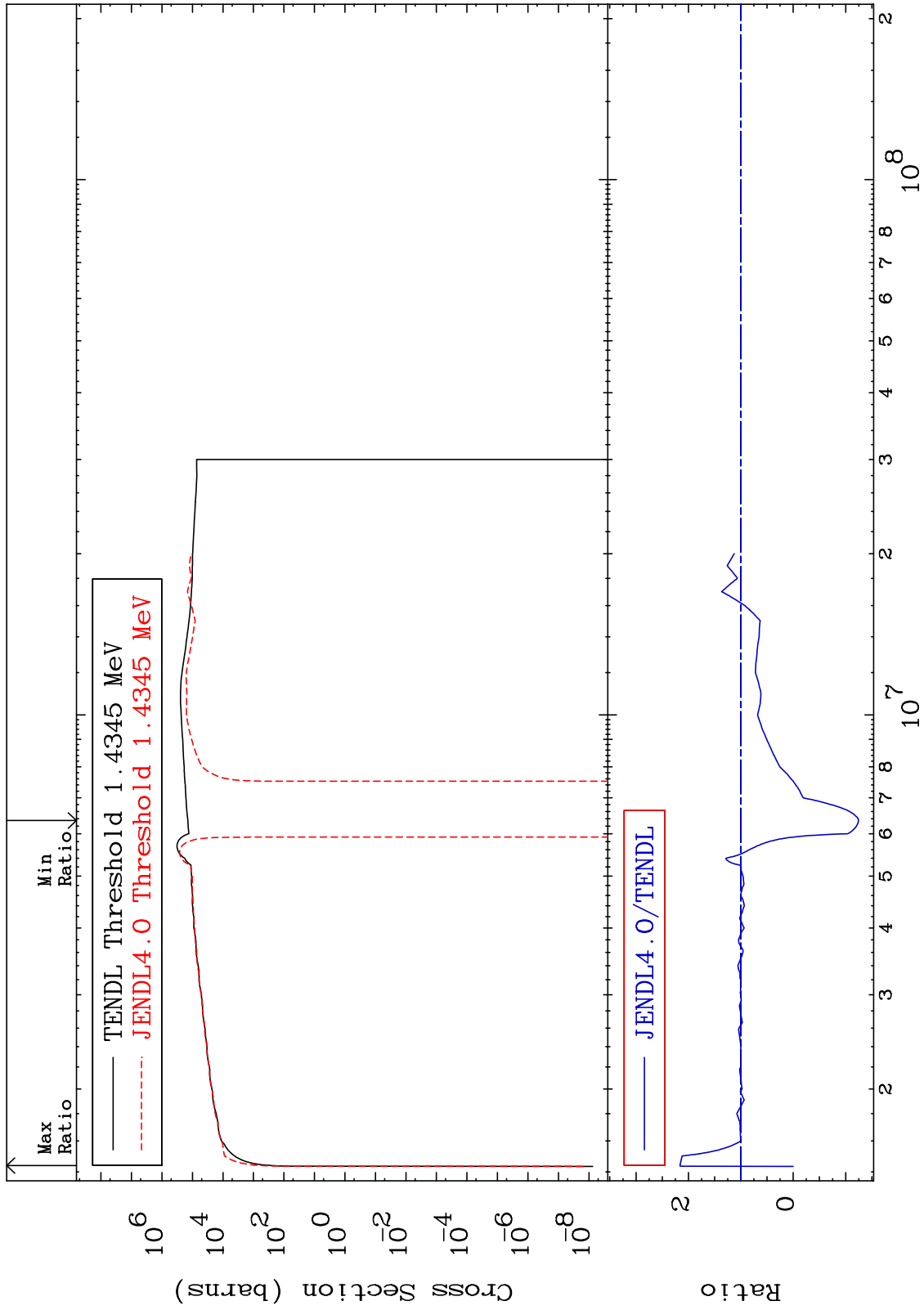
26-Fe-54
-99.91 To 9999. %



MAT 2625

Kerma inelastic (mt51-91)
Cross Section

26-Fe-54
-224.4 To 116.0 %



35

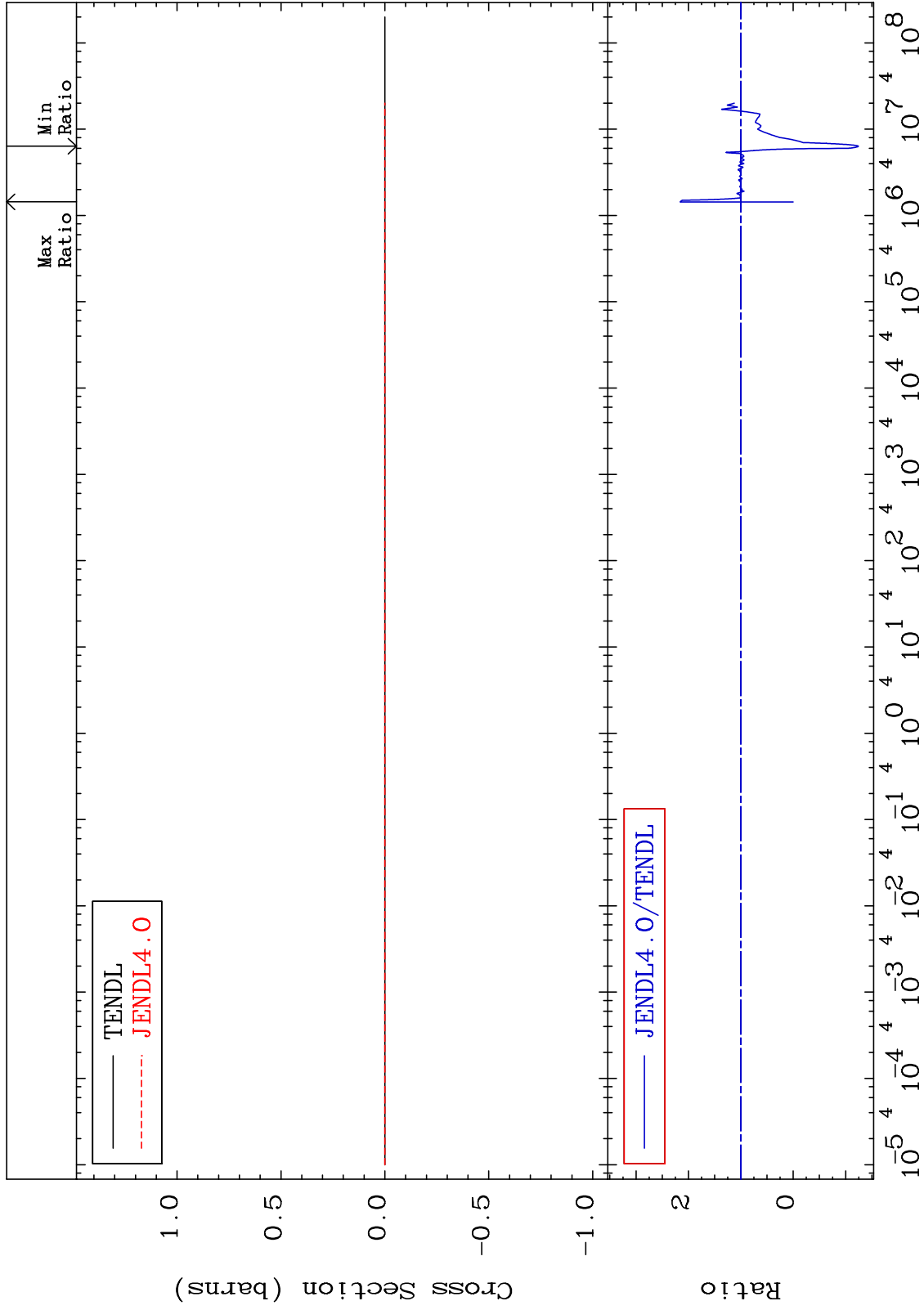
Incident Energy (eV)

26-Fe-54

MAT 2625

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

26-Fe-54
-224.4 To 116.0 %



36

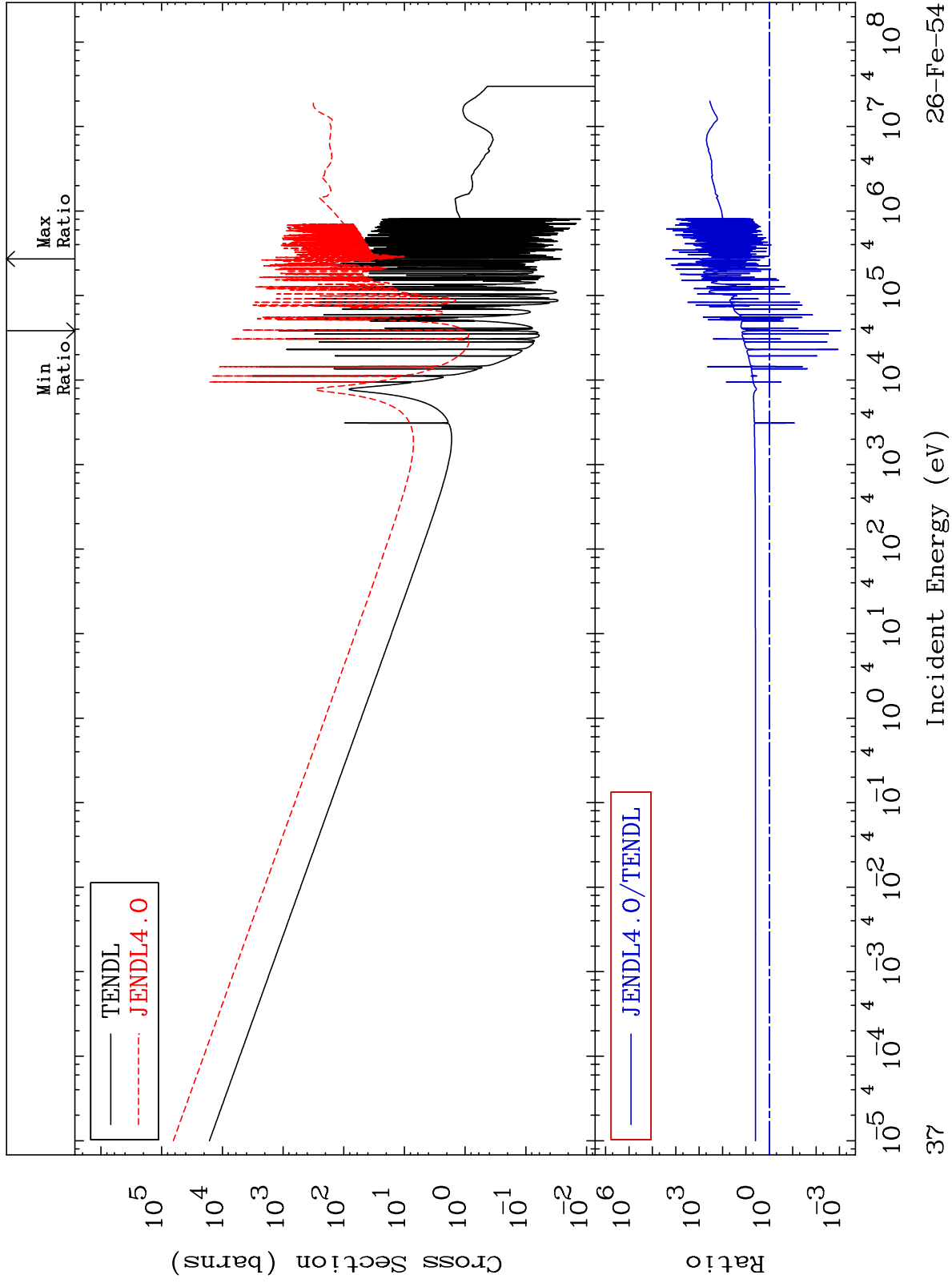
Incident Energy (eV)

26-Fe-54

MAT 2625

Kerma capture (mt102)
Cross Section

26-Fe-54
-99.91 To 9999. %



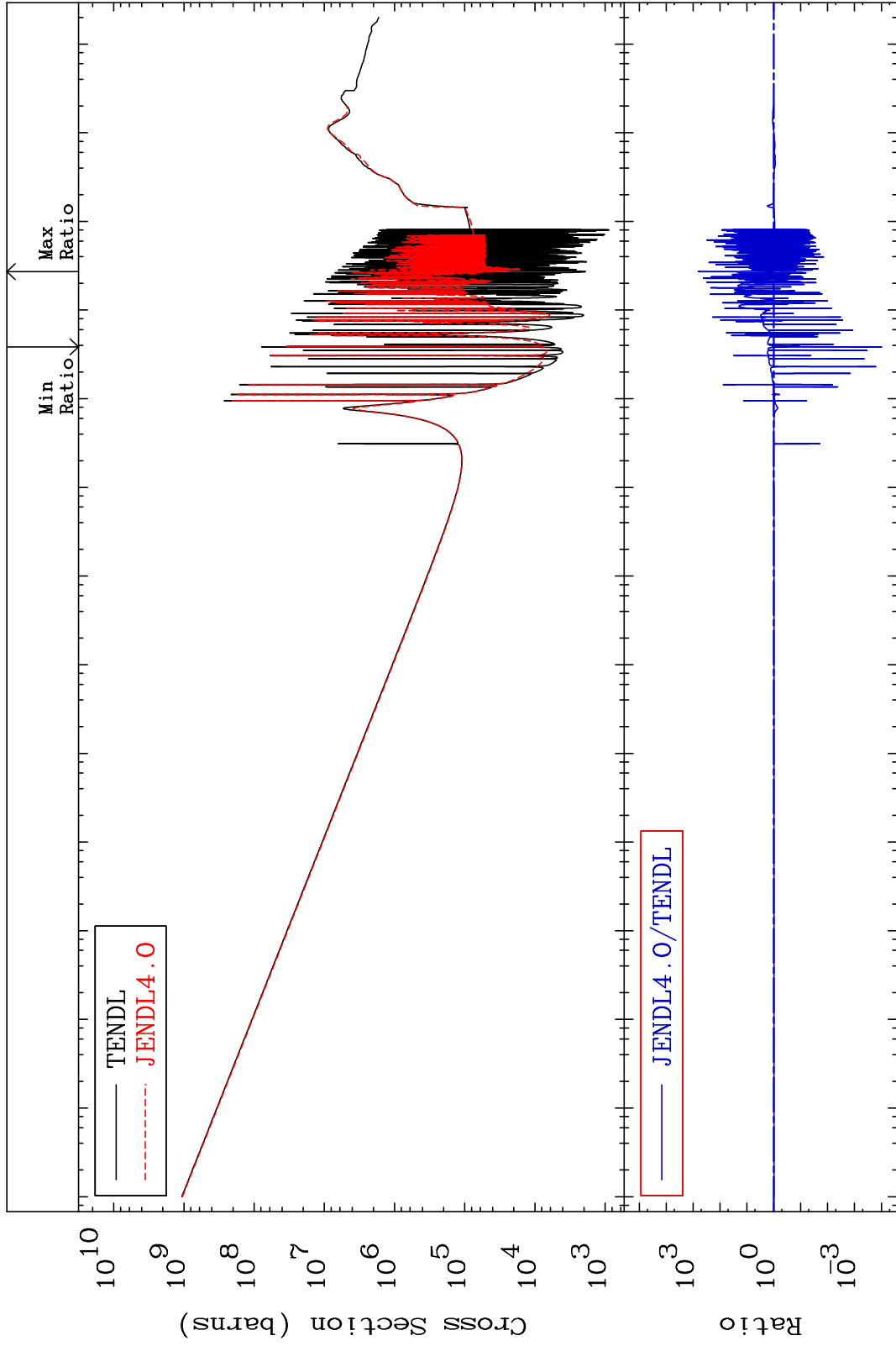
37

26-Fe-54

MAT 2625

Total photon (eV-barns)
Cross Section

26-Fe-54
-99.99 To 9999. %



38

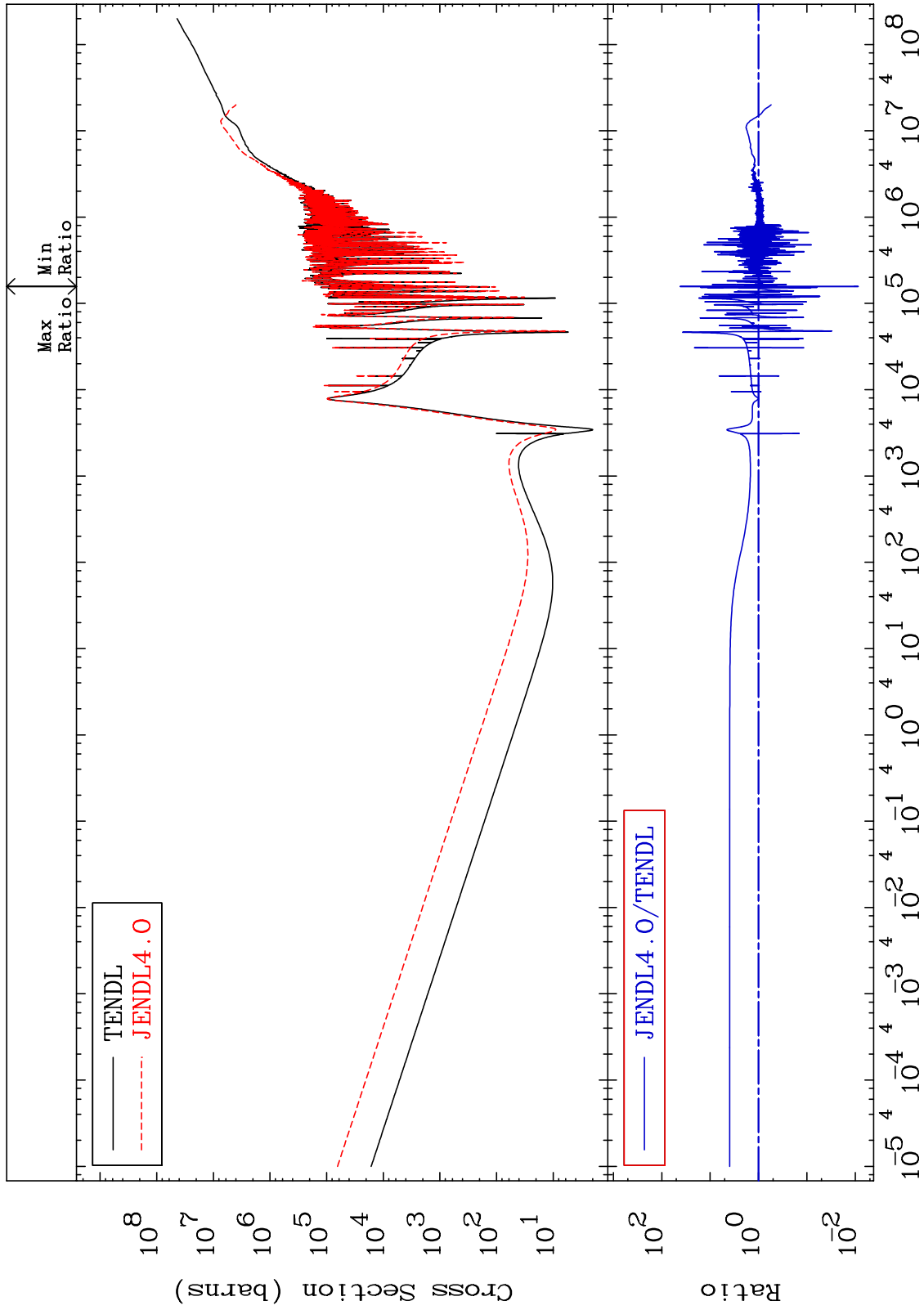
Incident Energy (eV)

26-Fe-54

MAT 2625

Total kinematic kerma (high limit)
Cross Section

26-Fe-54
-99.14 To 4091. %



39

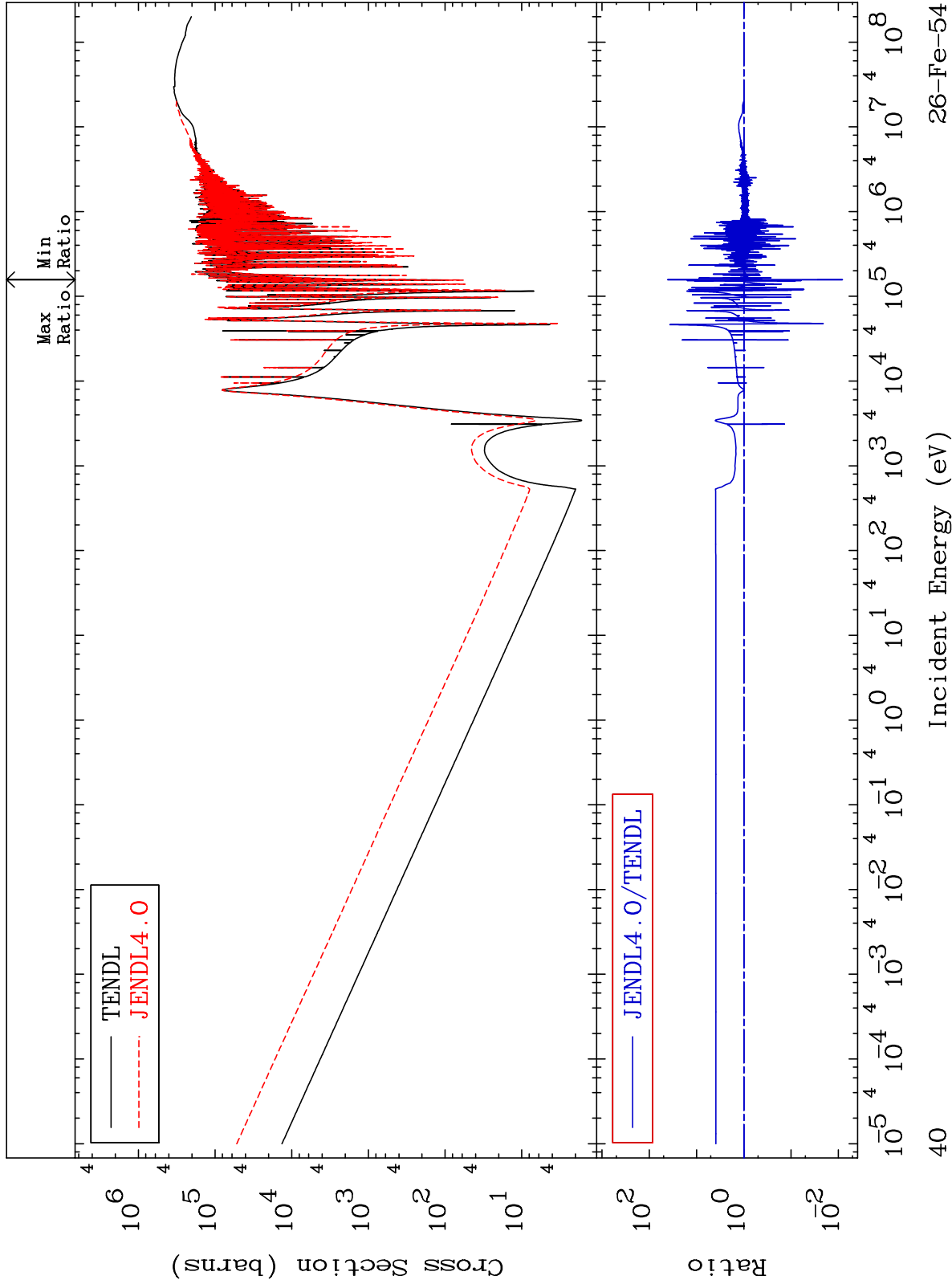
Incident Energy (eV)

26-Fe-54

MAT 2625

Dpa total (eV-barns)
Cross Section

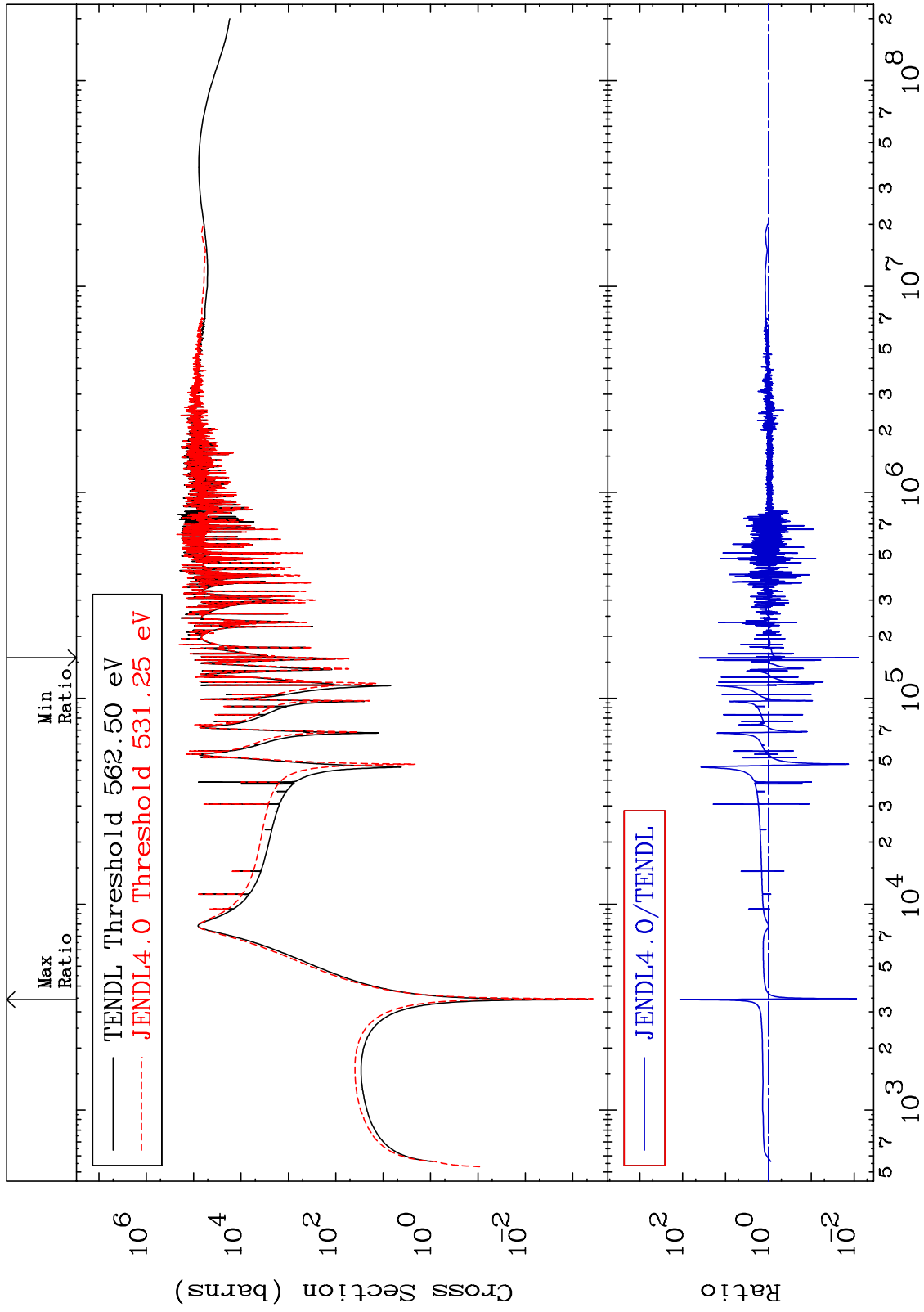
26-Fe-54
-99.19 To 4010. %



MAT 2625

Dpa elastic (mt2)
Cross Section

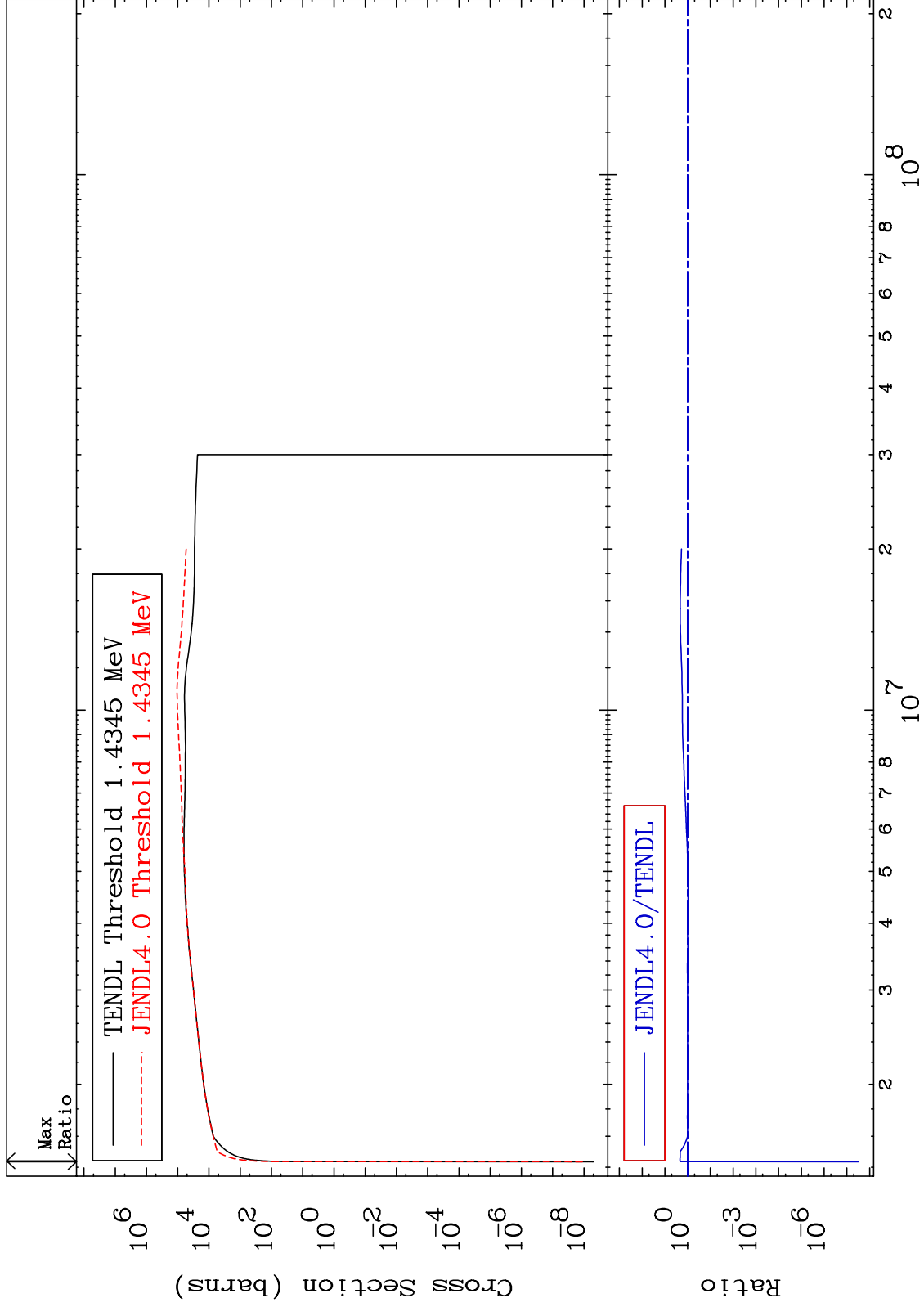
26-Fe-54
-99.20 To 9999. %



MAT 2625

Dpa inelastic (mt51-91)
Cross Section

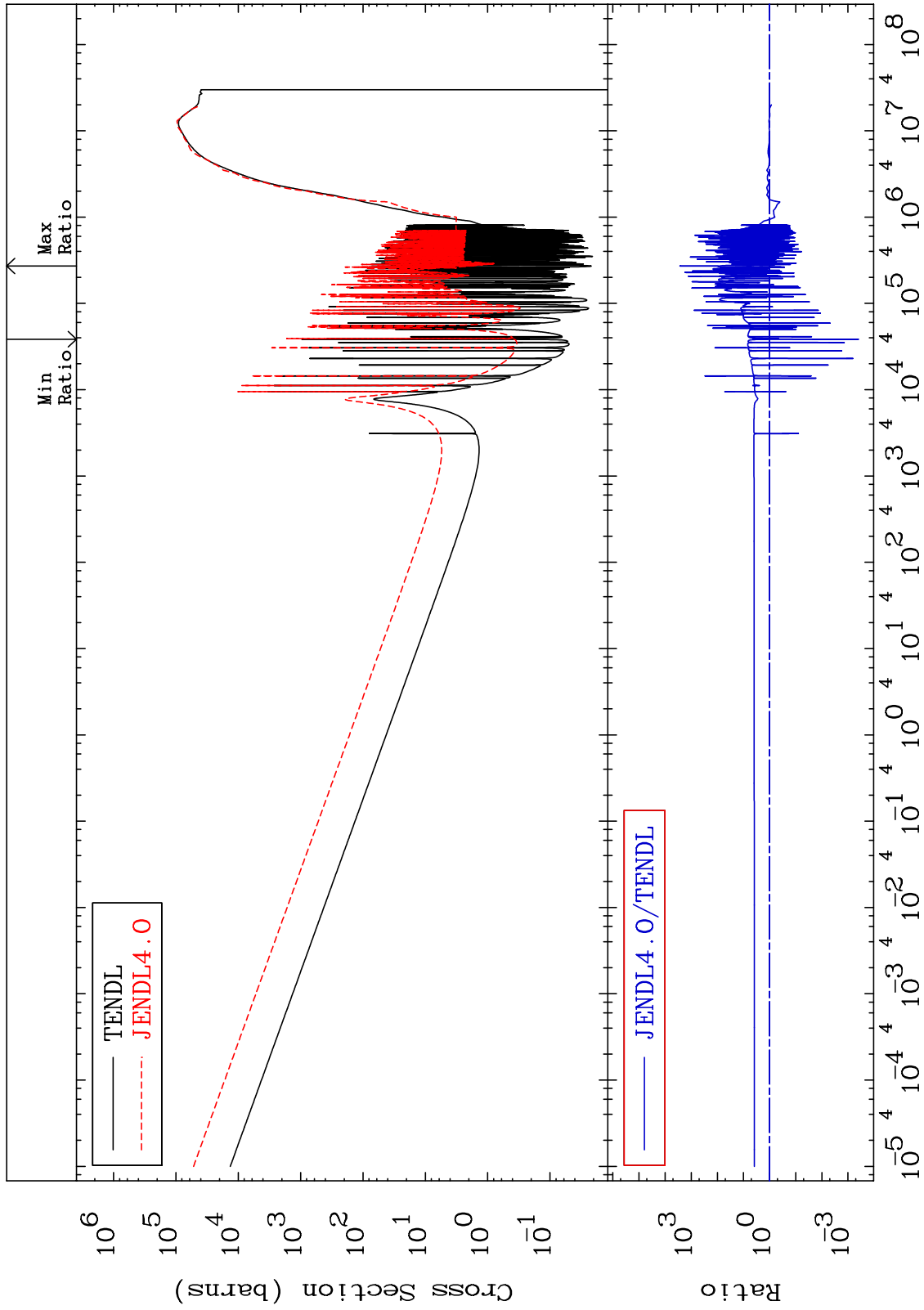
26-Fe-54
-100.0 To 116.0 %



MAT 2625

Dpa disappearance (mt102 -120)
Cross Section

26-Fe-54
-99.96 To 9999. %

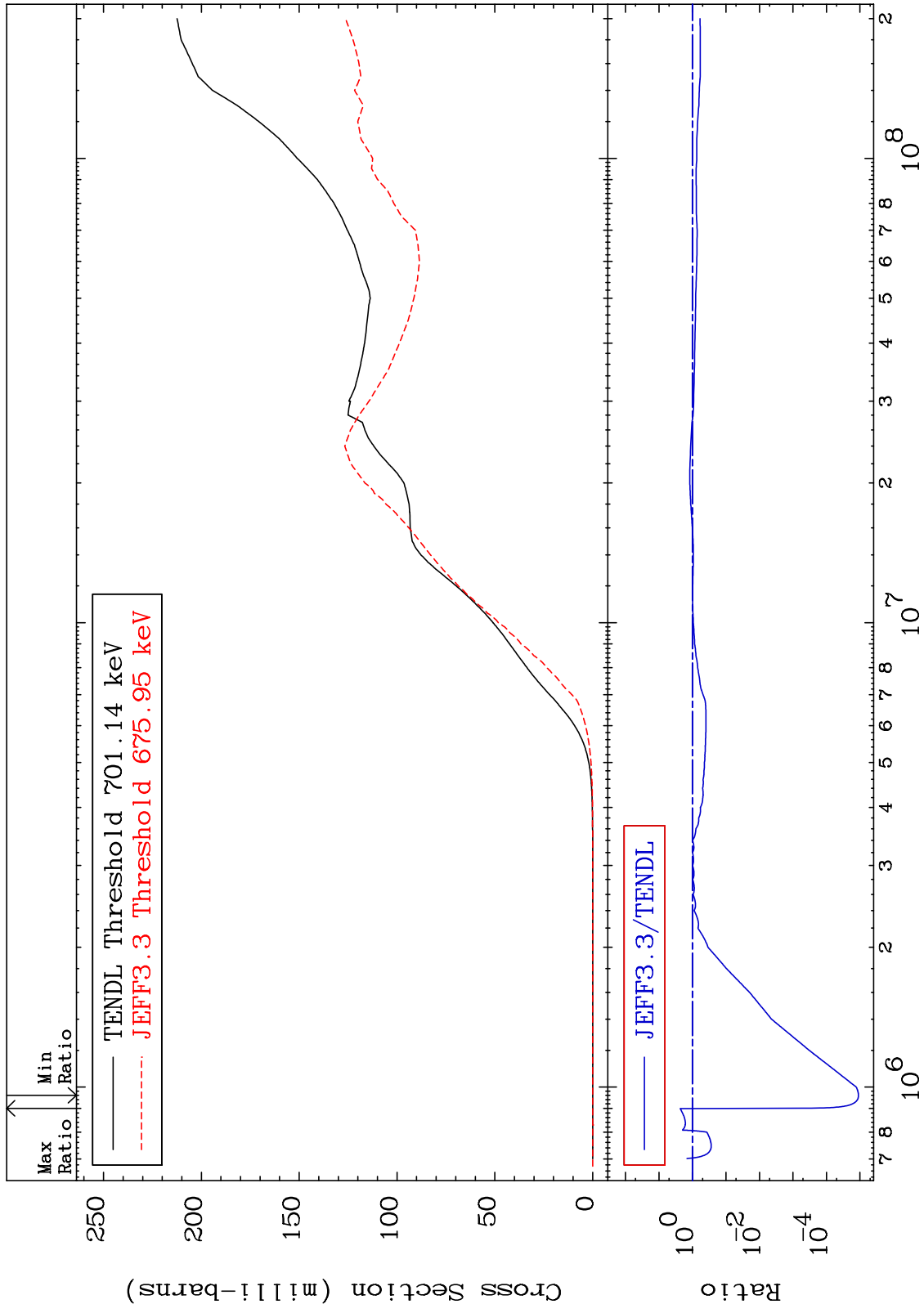


43

Incident Energy (eV)

26-Fe-54

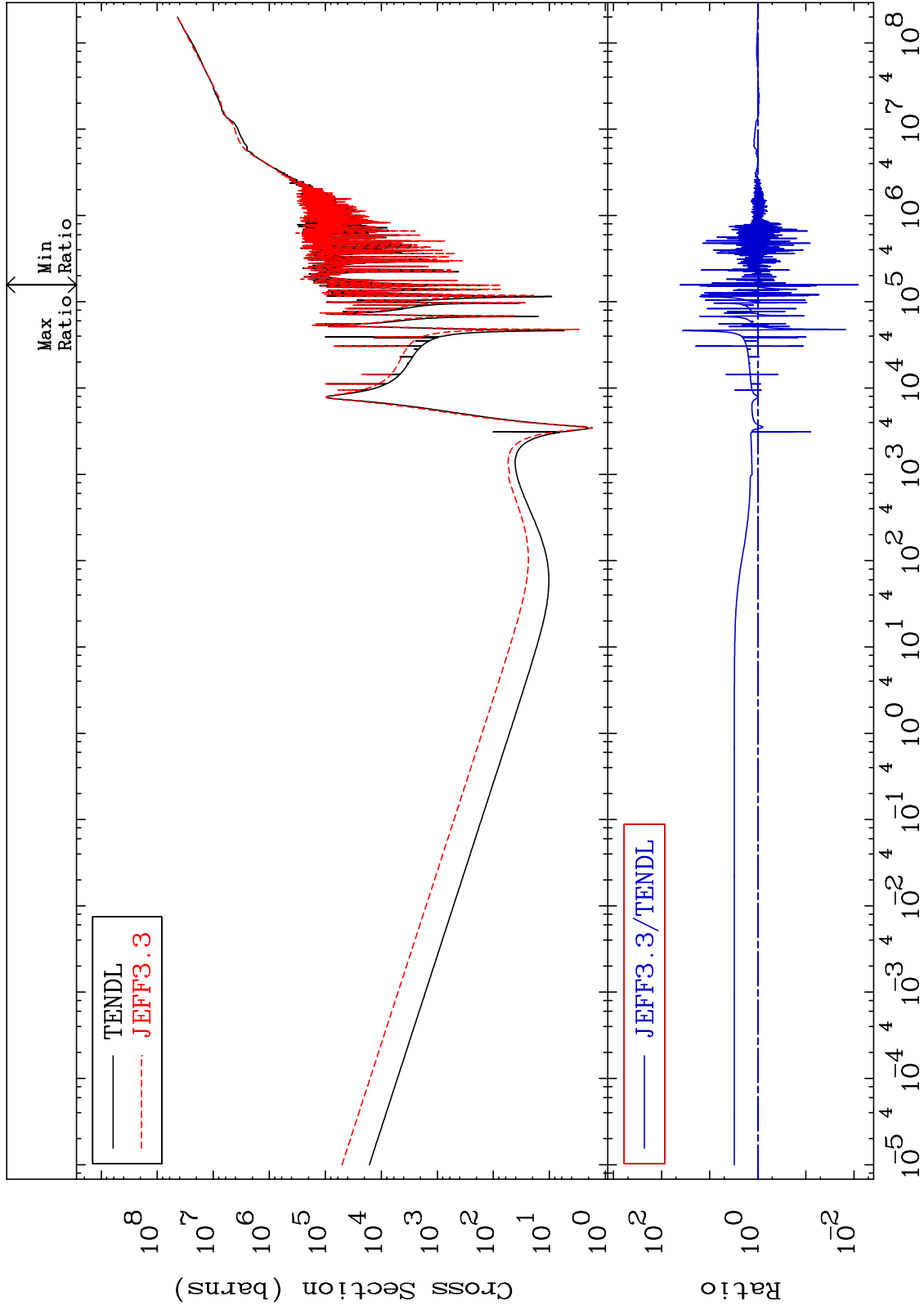
MAT 2625 He-4 Production Cross Section -100.0 To 135.2 % ²⁶Fe-54



MAT 2625

Kerma total (eV-barns)
Cross Section

26-Fe-54
-99.19 To 4040. %



45

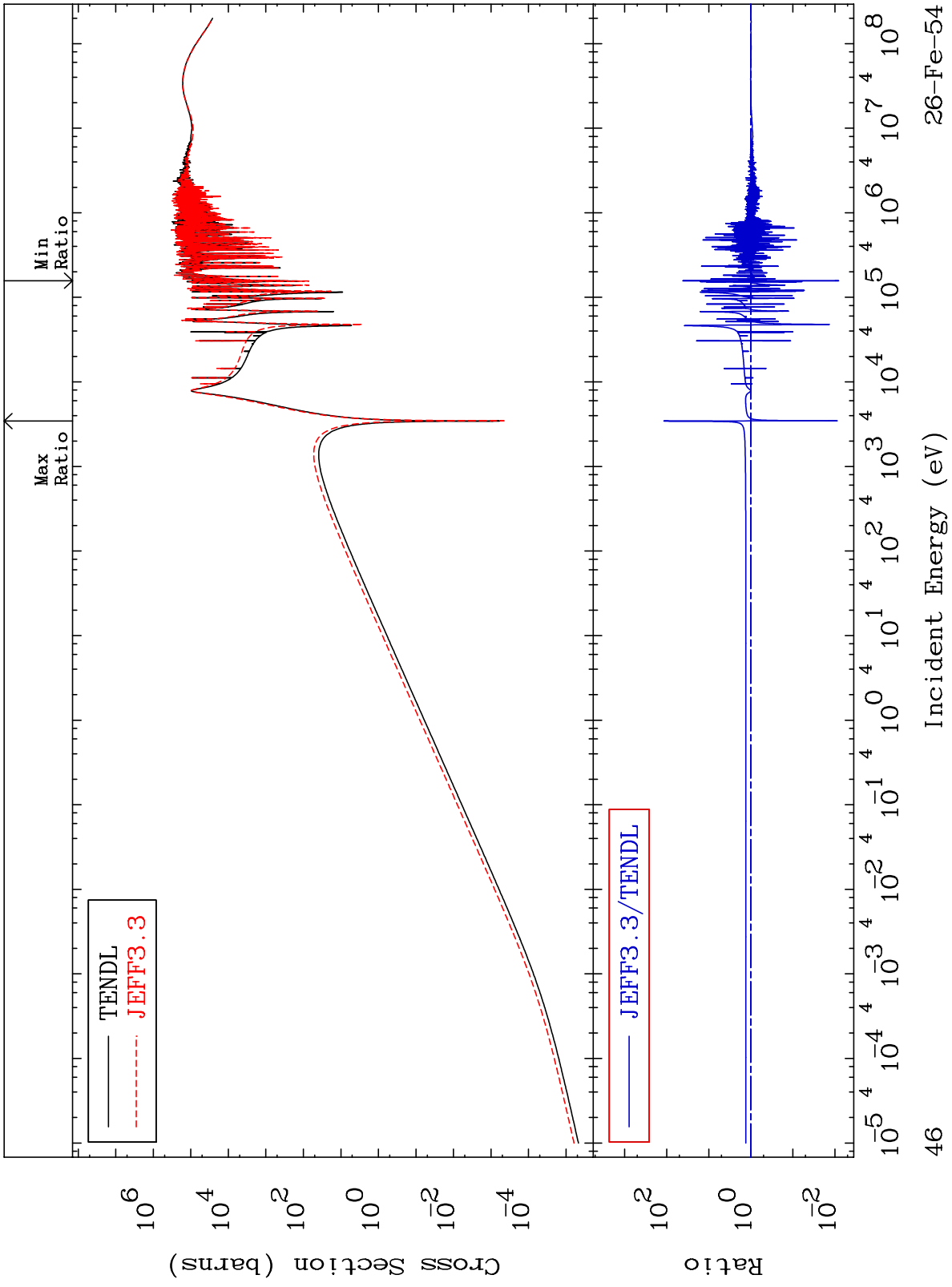
Incident Energy (eV)

26-Fe-54

MAT 2625

Kerma elastic
Cross Section

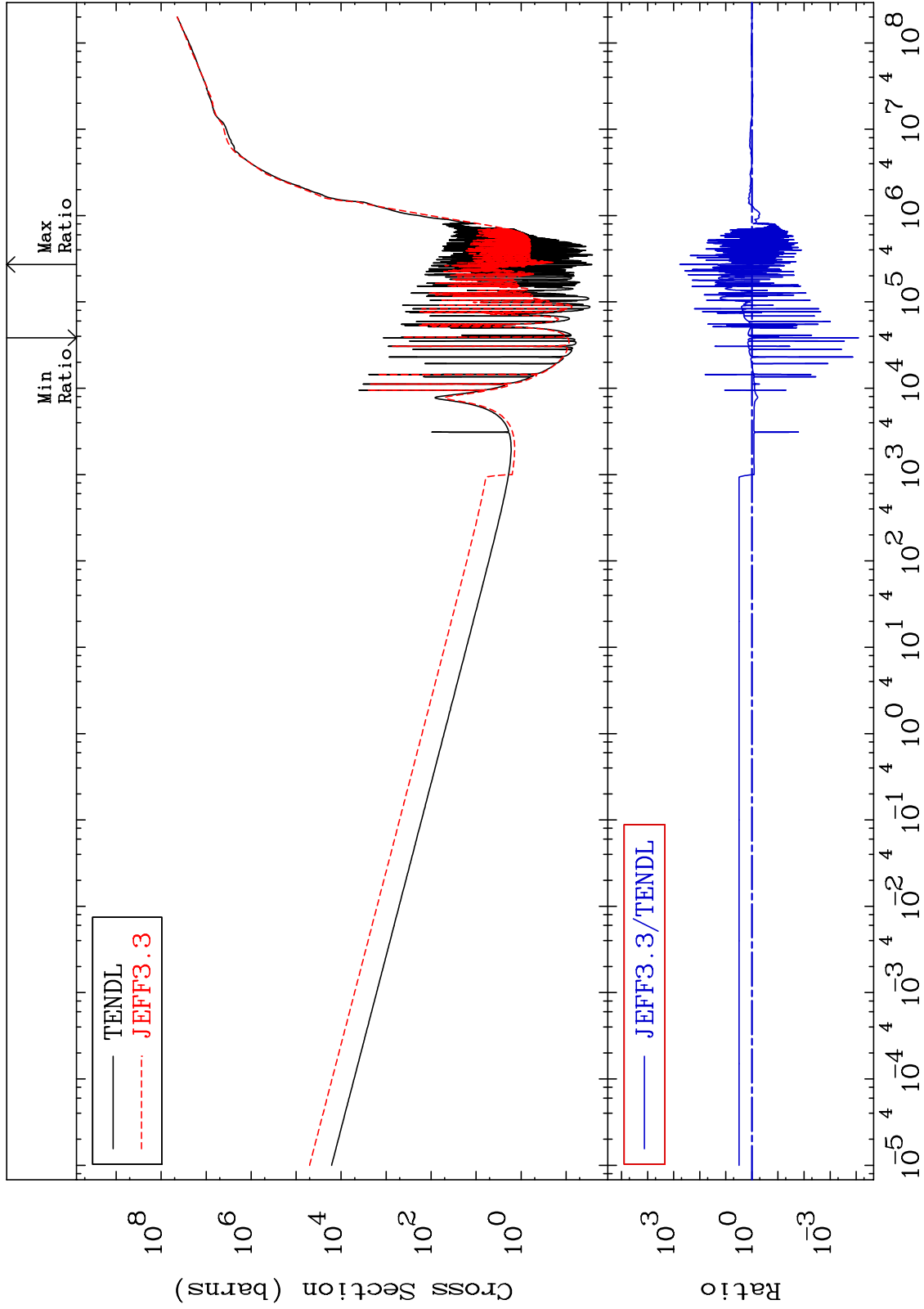
26-Fe-54
-99.19 To 9999. %



MAT 2625

Kerma non-elastic (all but mt2)
Cross Section

26-Fe-54
-99.99 To 9999. %



47

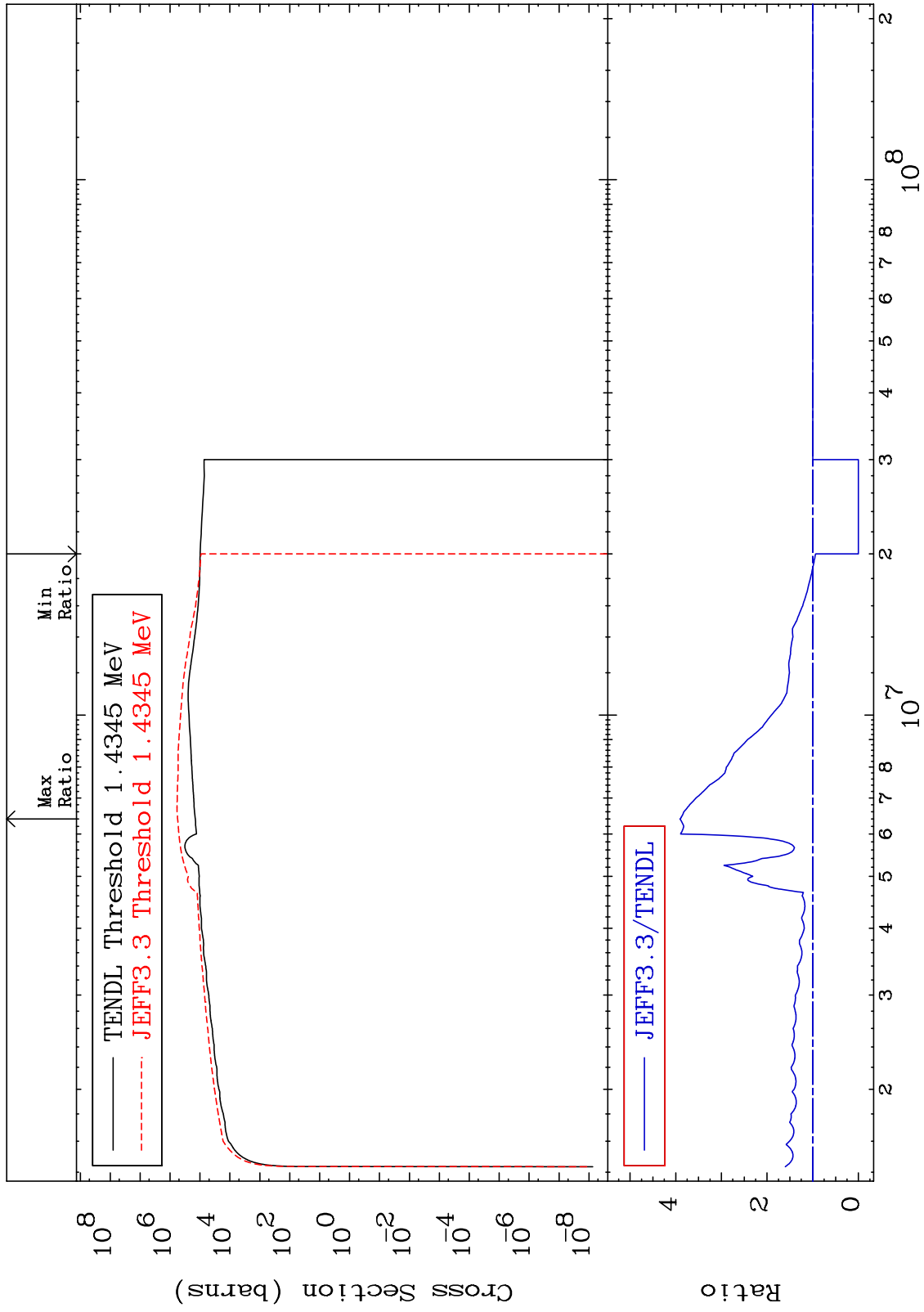
Incident Energy (eV)

26-Fe-54

MAT 2625

Kerma inelastic (mt51-91)
Cross Section

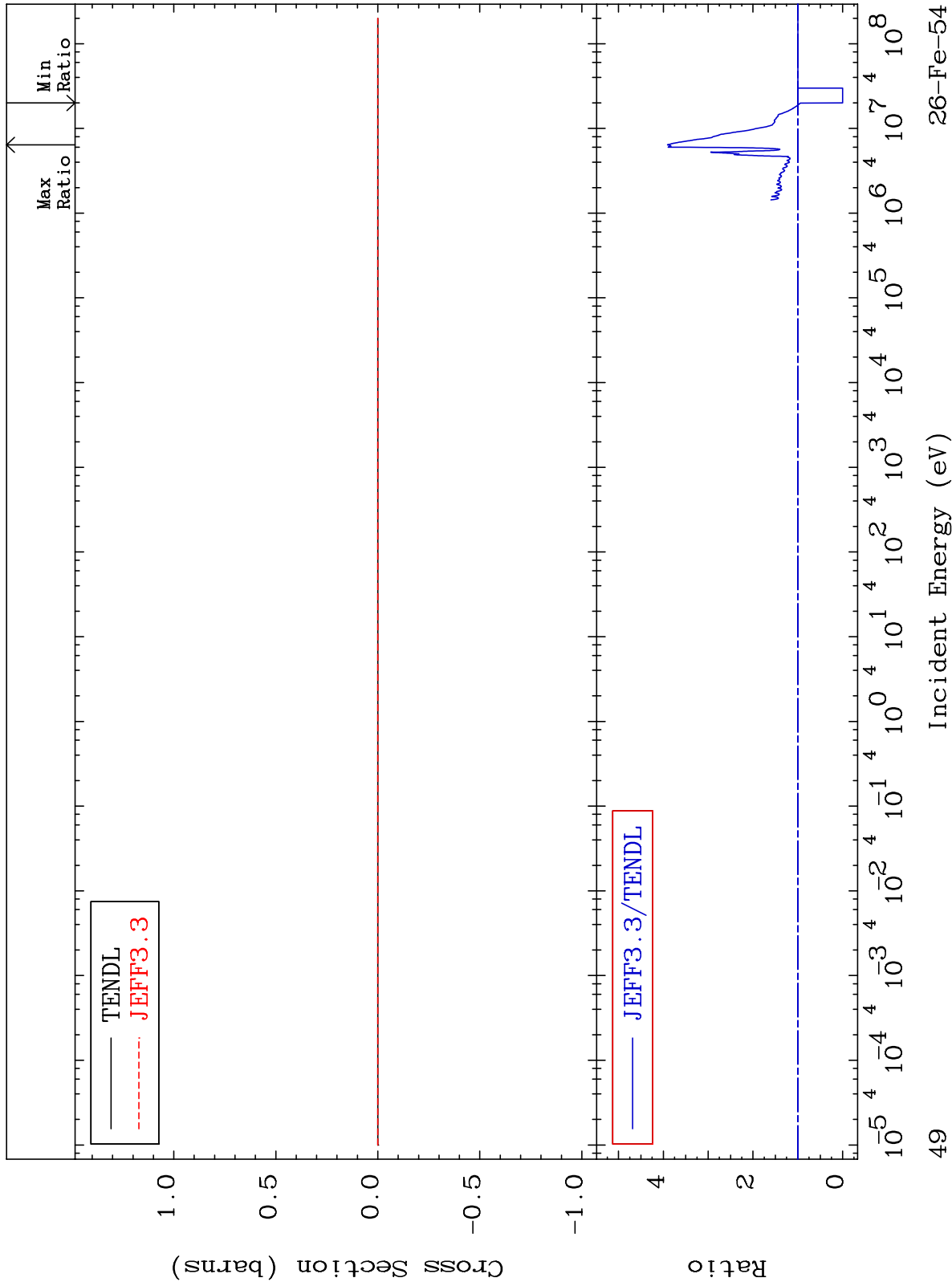
26-Fe-54
-100.0 To 290.6 %



MAT 2625

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

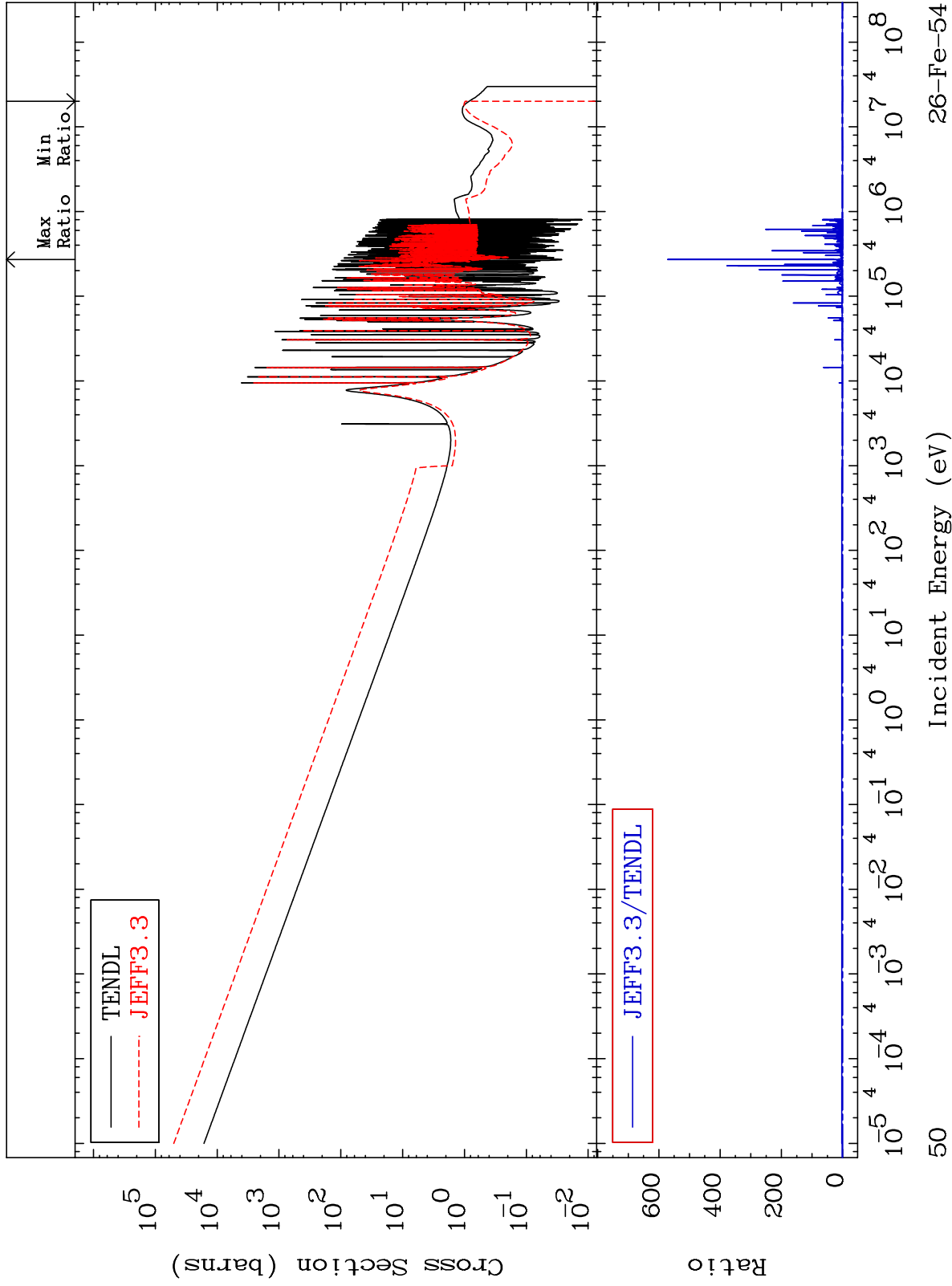
26-Fe-54
-100.0 To 290.6 %



MAT 2625

Kerma capture (mt102)
Cross Section

26-Fe-54
-100.0 To 9999. %



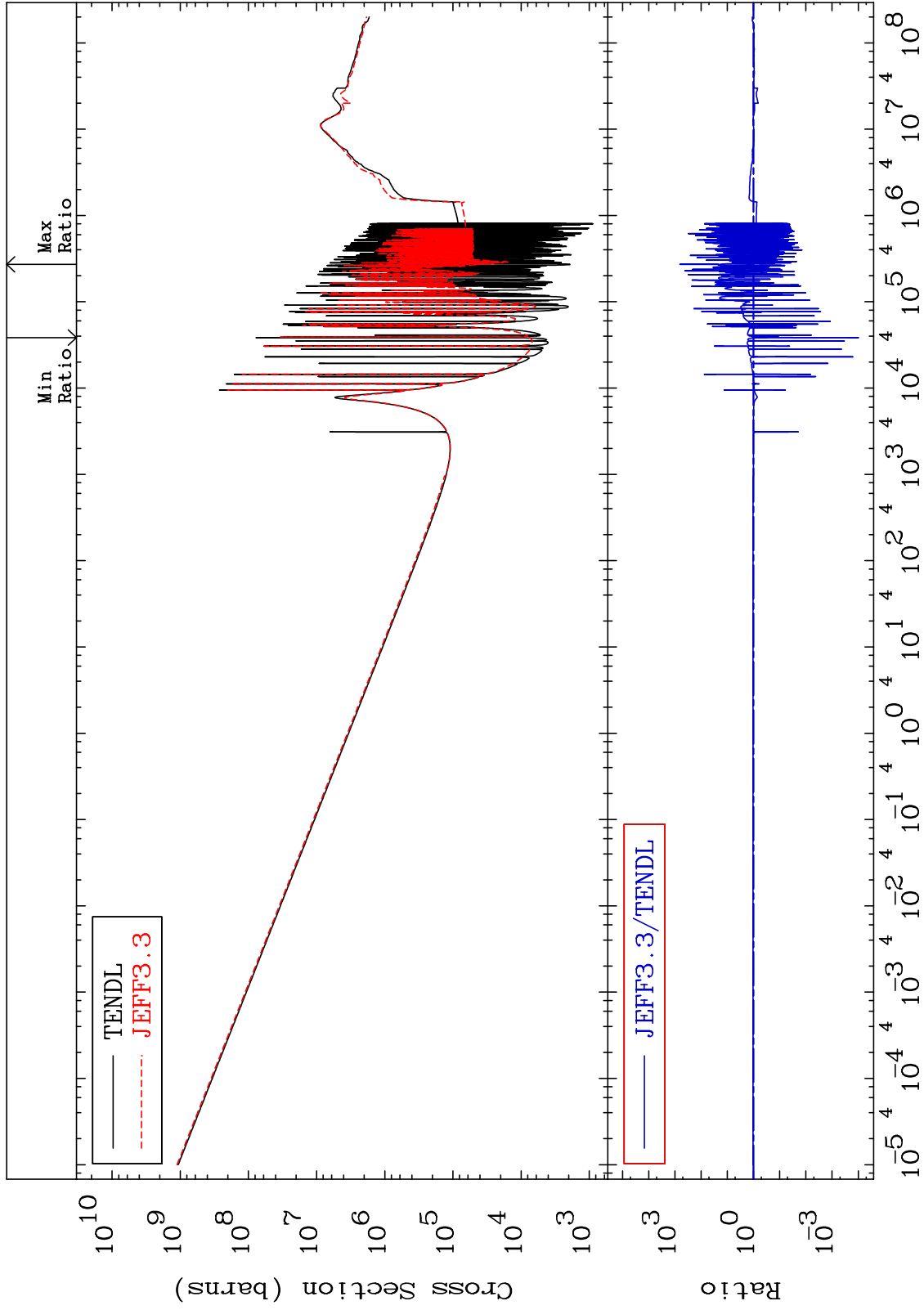
50

26-Fe-54

MAT 2625

Total photon (eV-barns)
Cross Section

26-Fe-54
-99.99 To 9999. %



51

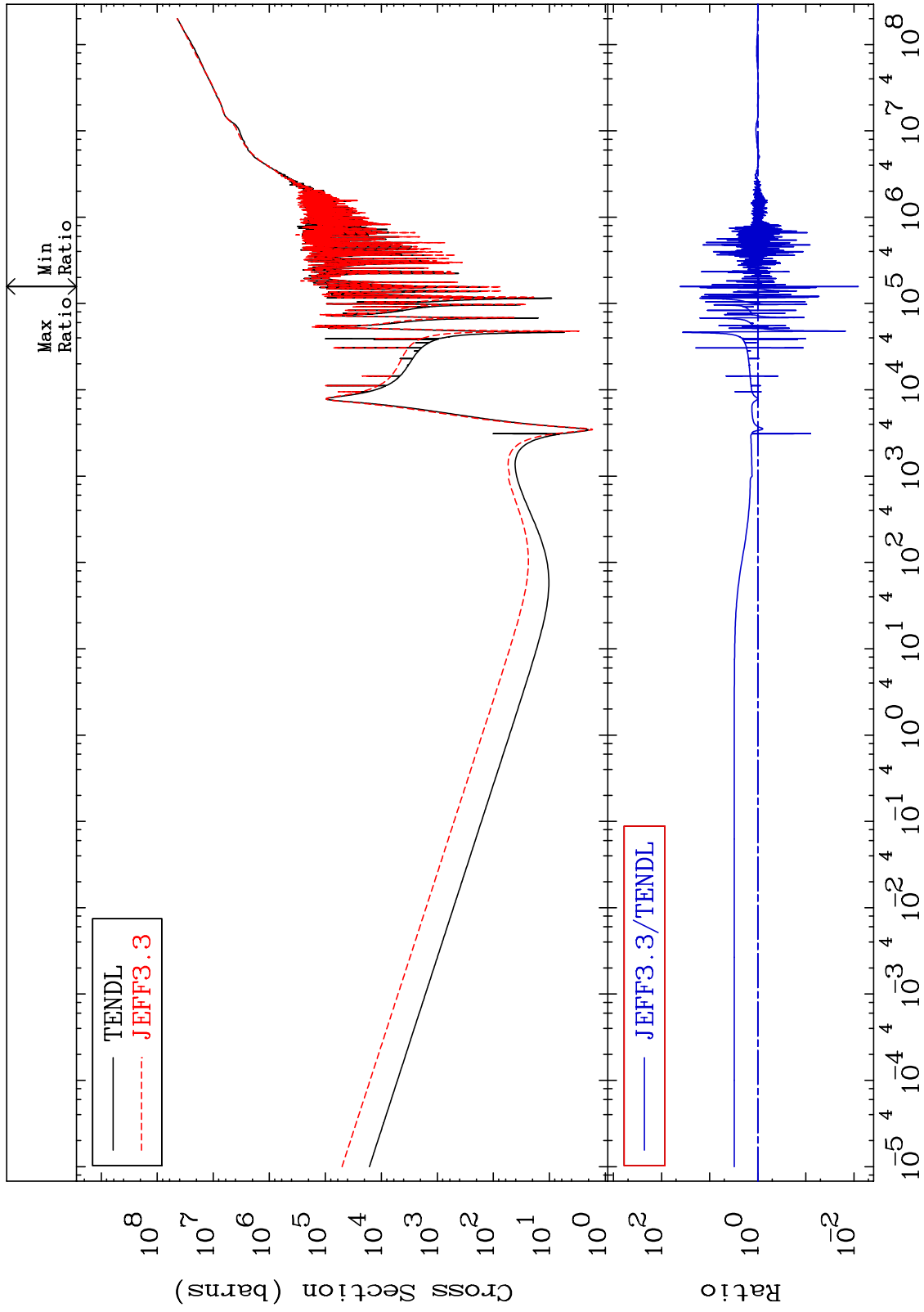
Incident Energy (eV)

26-Fe-54

MAT 2625

Total kinematic kerma (high limit)
Cross Section

26-Fe-54
-99.19 To 4040. %



52

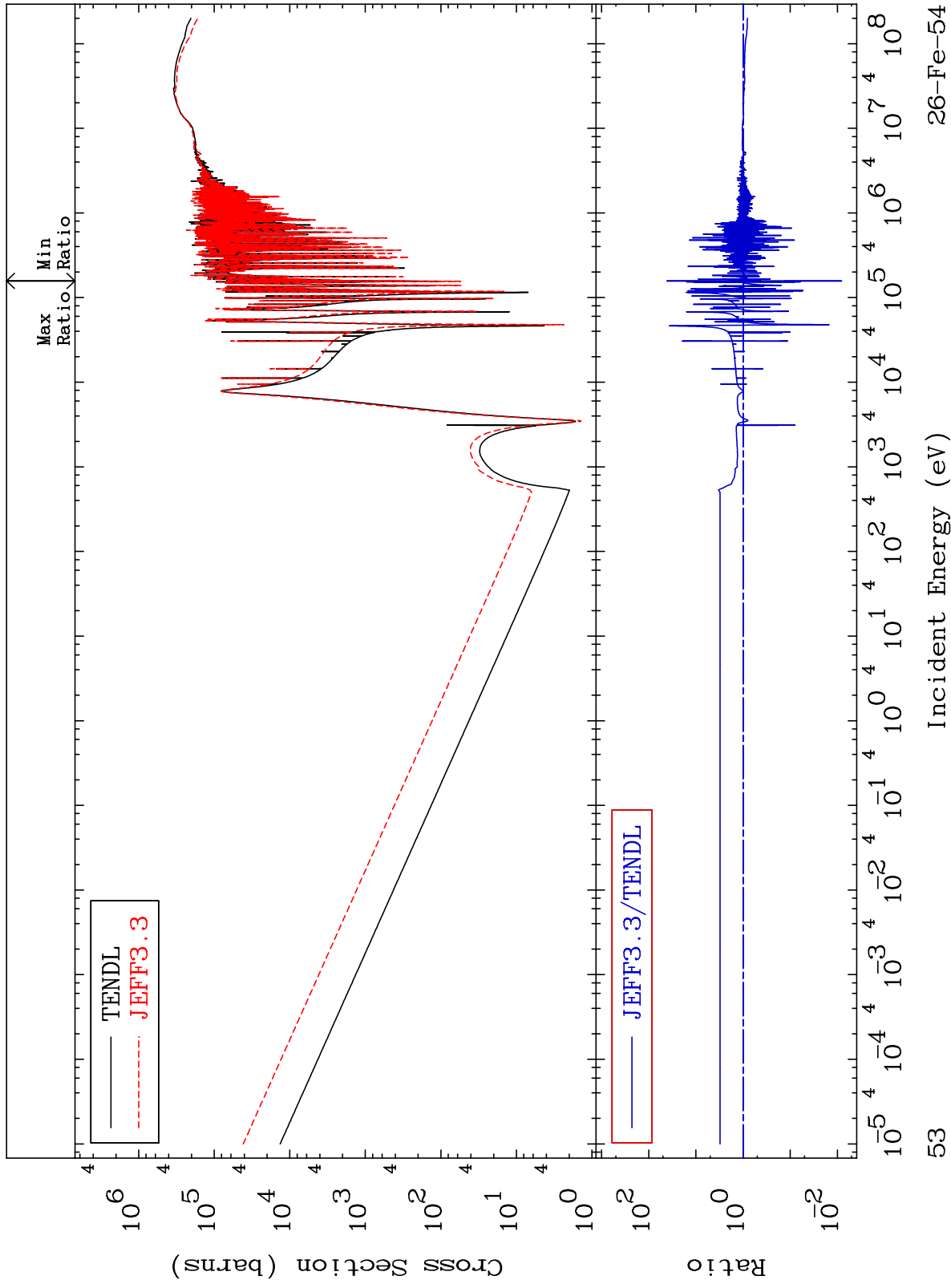
Incident Energy (eV)

26-Fe-54

MAT 2625

Dpa total (eV-barns)
Cross Section

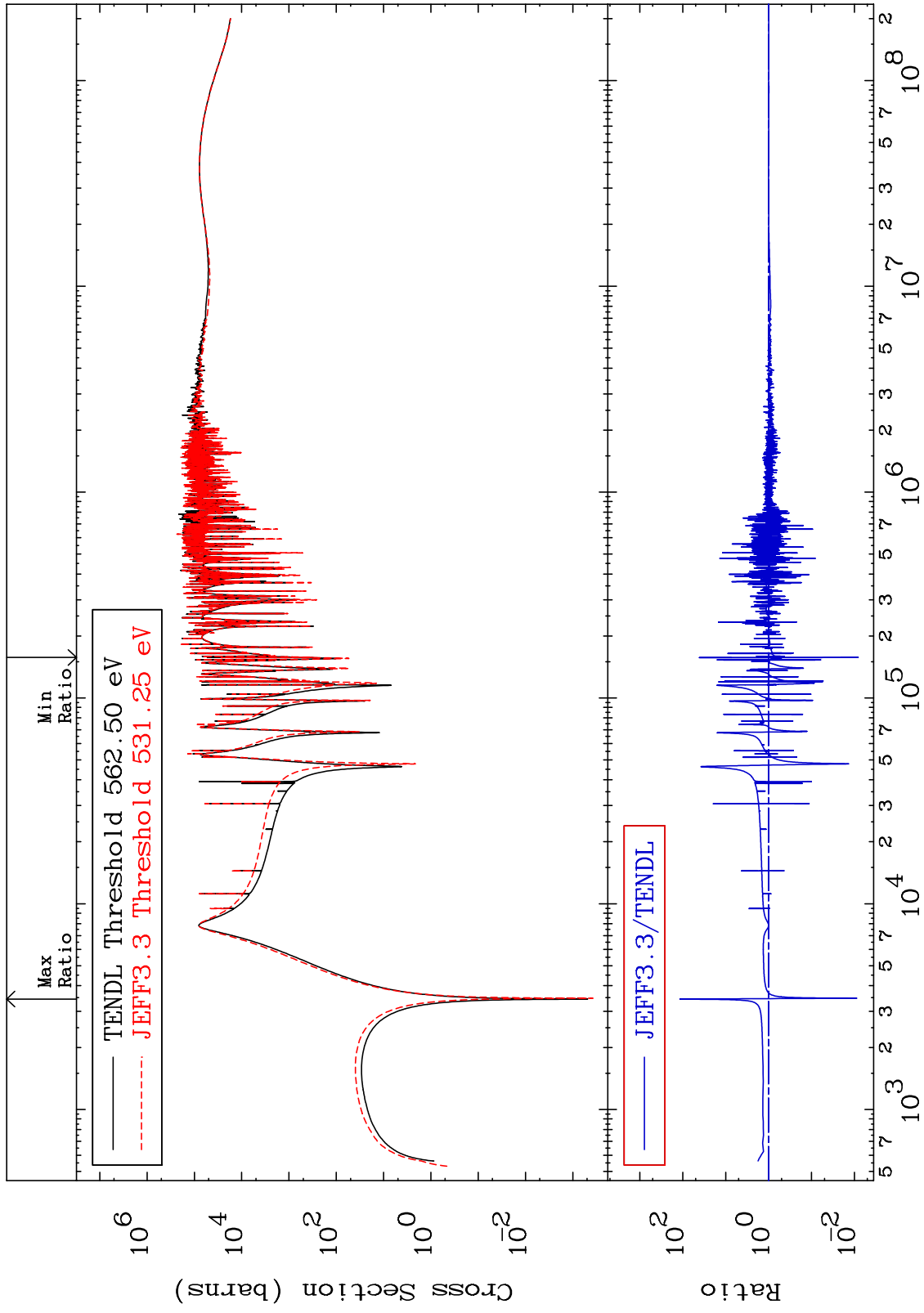
26-Fe-54
-99.19 To 4040. %



MAT 2625

Dpa elastic (mt2)
Cross Section

26-Fe-54
-99.19 To 9999. %



54

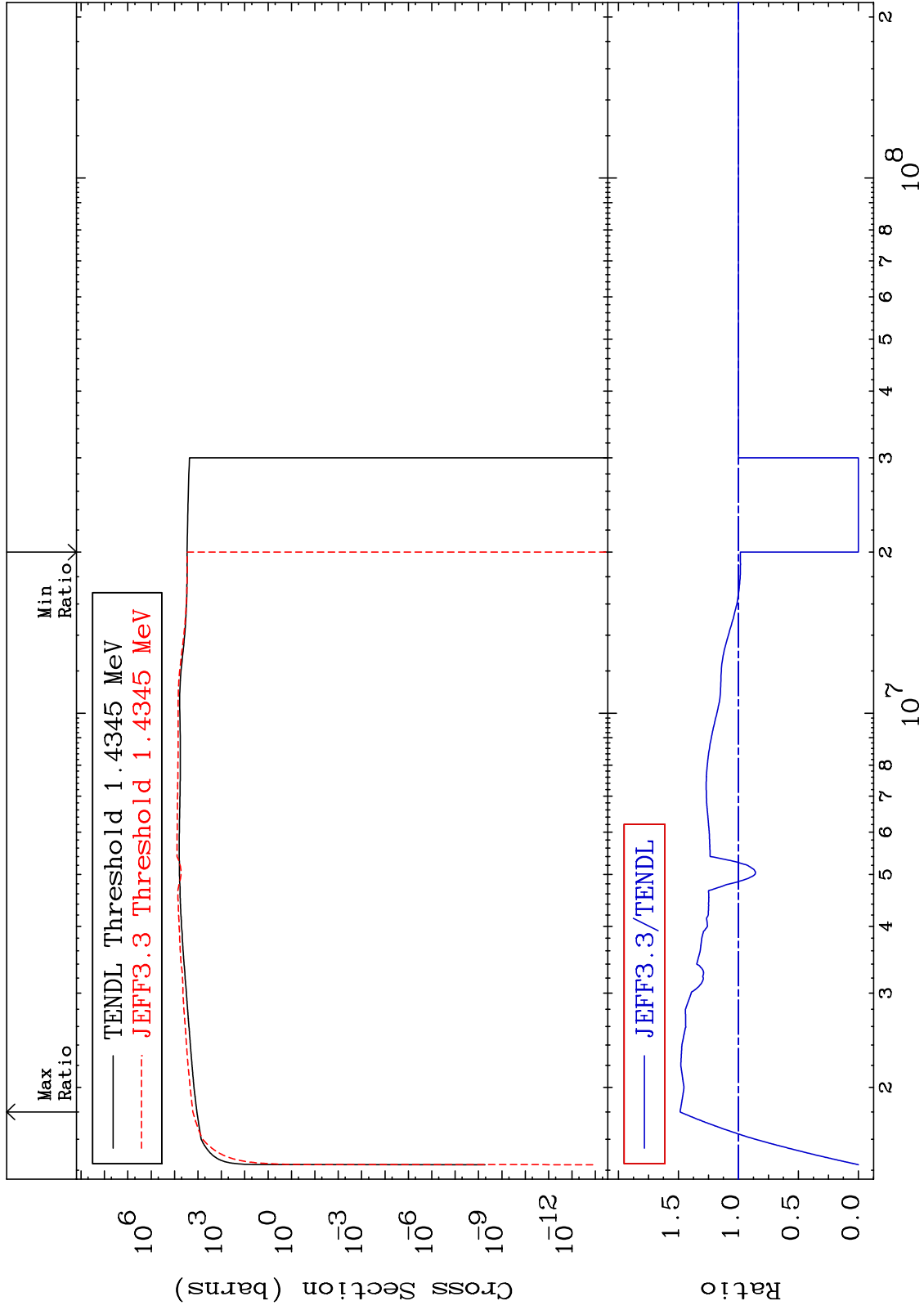
26-Fe-54

26-Fe-54

MAT 2625

Dpa inelastic (mt51-91)
Cross Section

²⁶Fe-54
-100.0 To 48.71 %



55

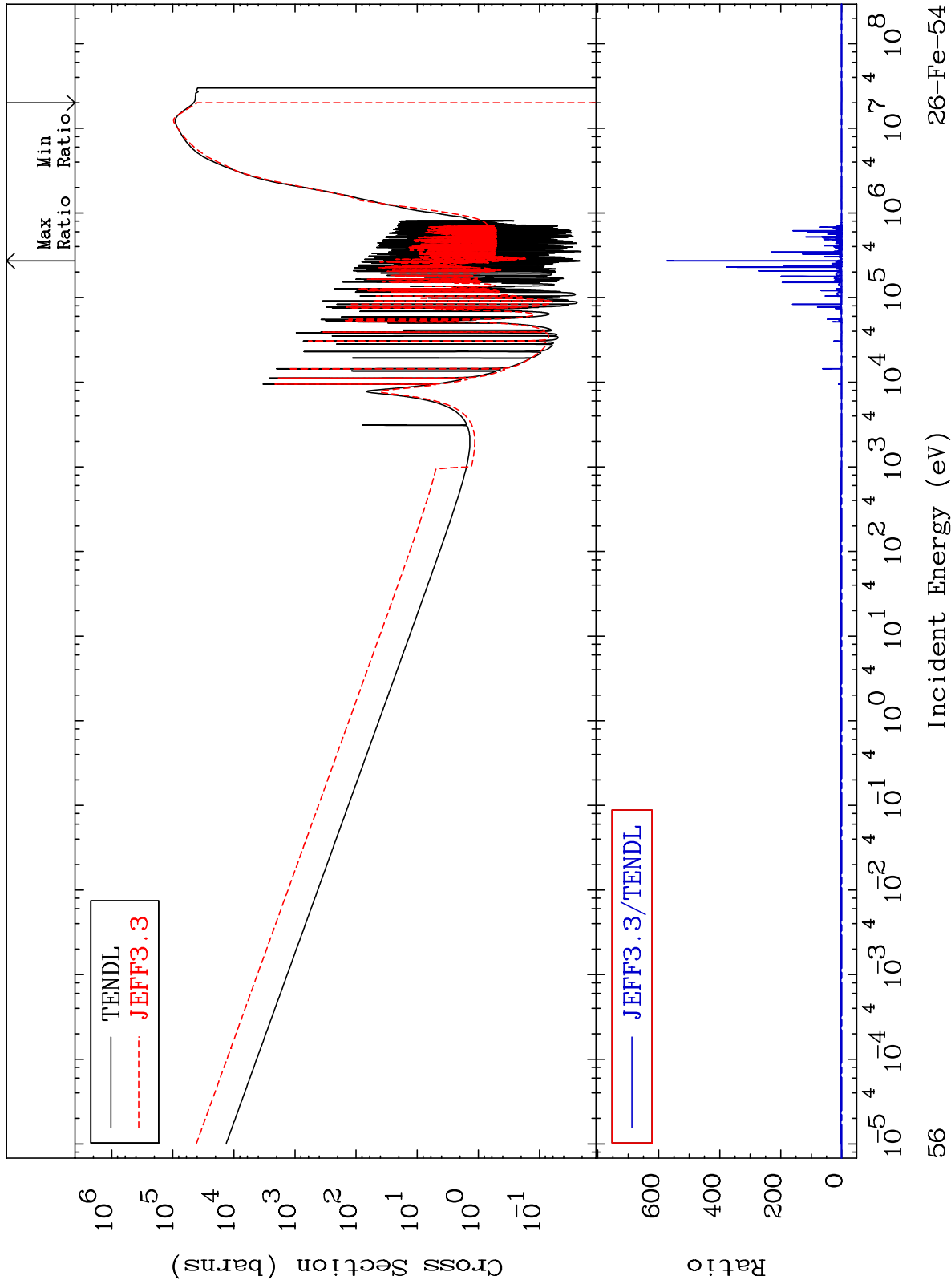
Incident Energy (eV)

²⁶Fe-54

MAT 2625

Dpa disappearance (mt102 -120)
Cross Section

26-Fe-54
-100.0 To 9999. %

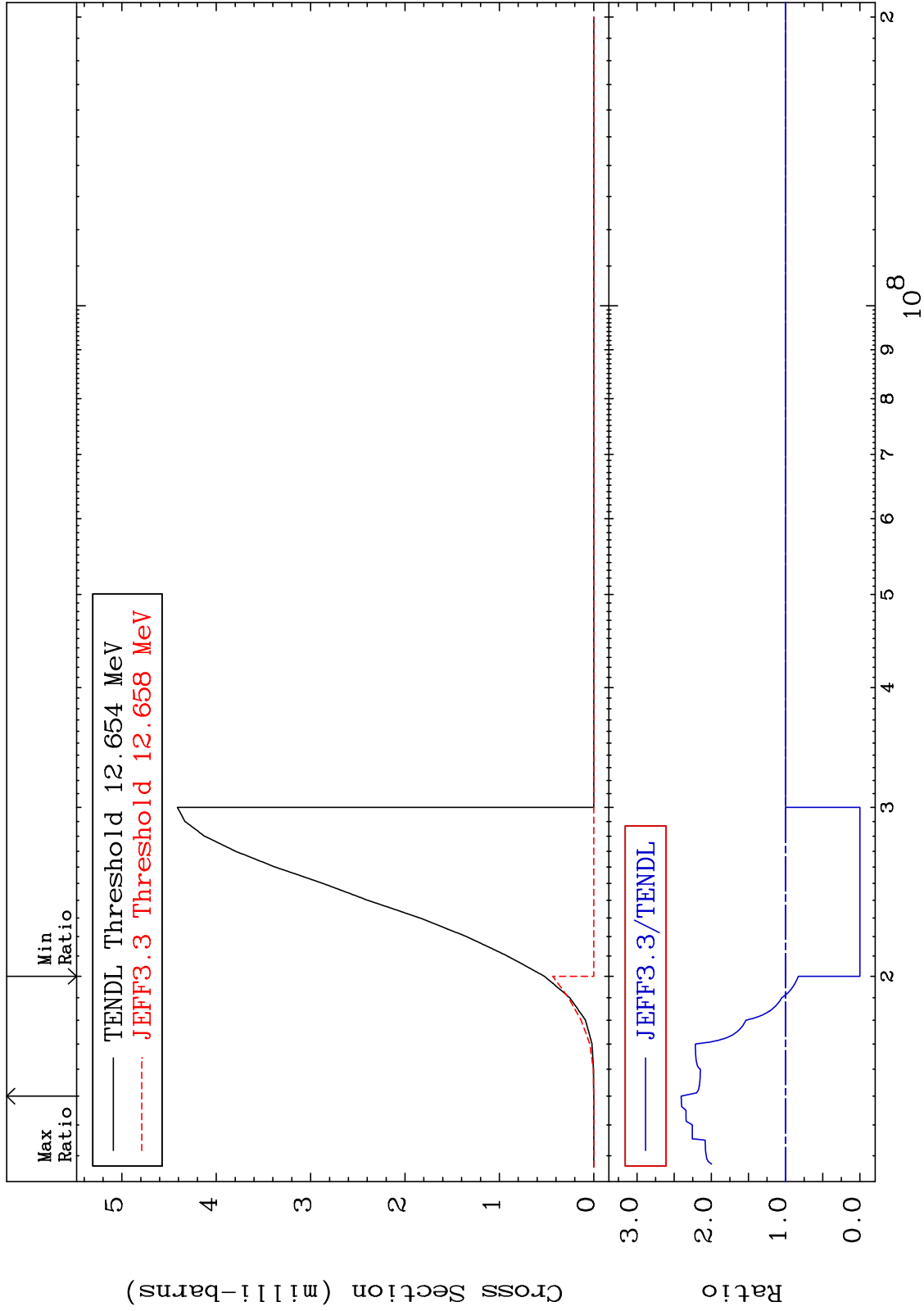


MAT 2625

(n, t) : 25-Mn-52g

26-Fe-54

Radionuclide Production Cross Section -100.0 To 140.5 %



MAT 2625

(n, t):25-Mn-52m1

26-Fe-54

Radionuclide Production Cross Section -100.0 To 1059. %

