

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

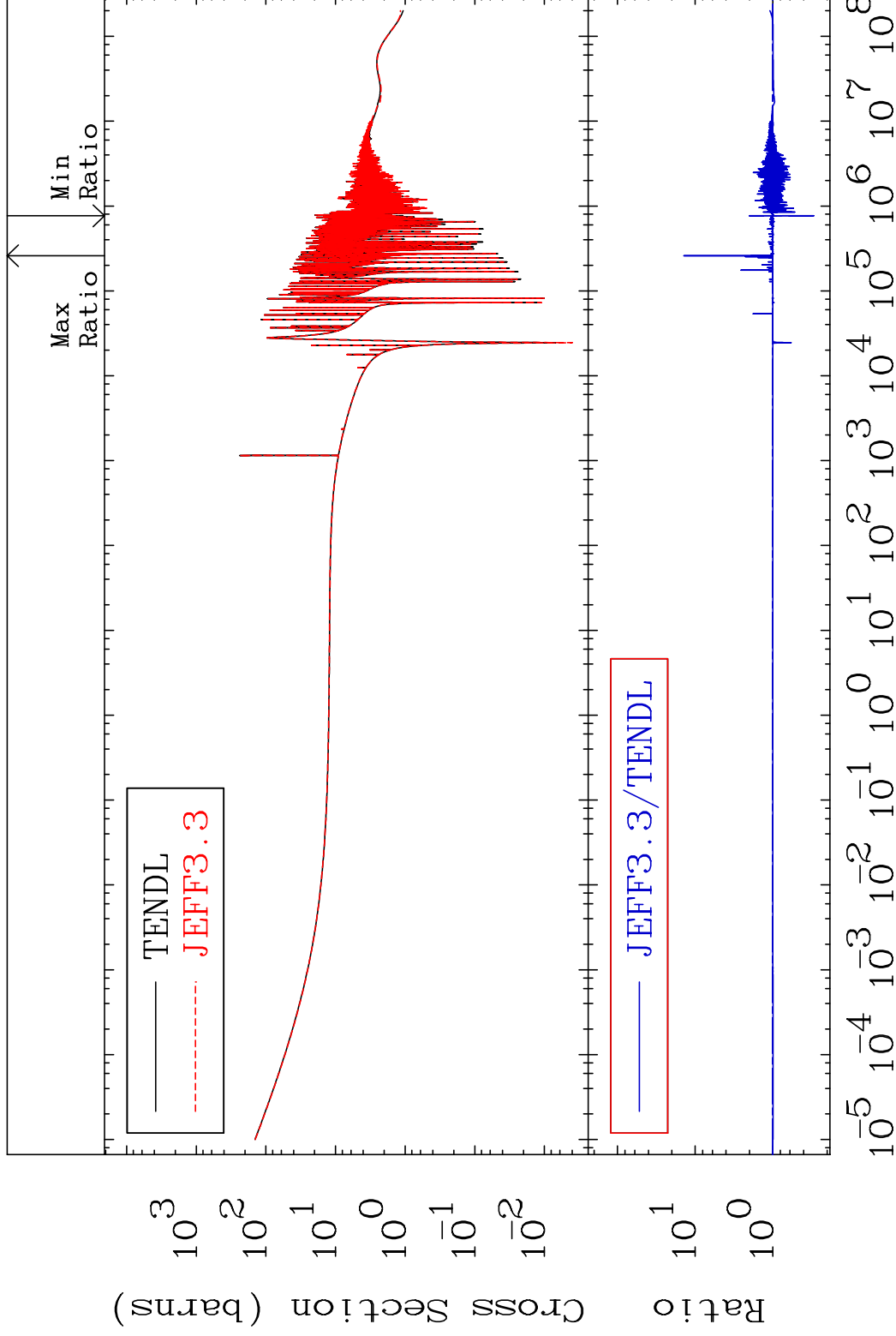
MAT 2631

Total

26-Fe-56

Cross Section

-70.62 To 1307. %



1

Incident Energy (eV)

26-Fe-56

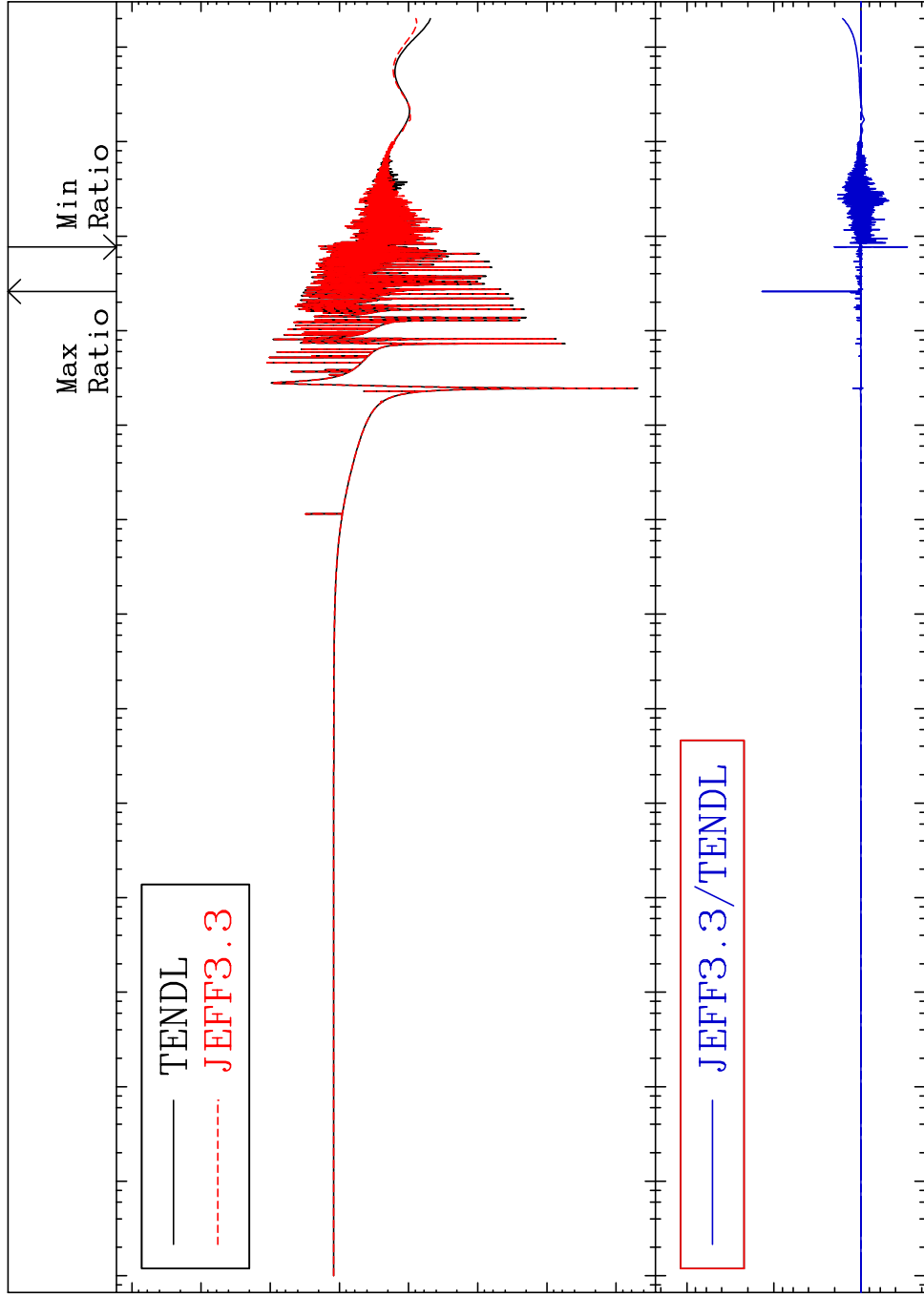
MAT 2631

Elastic

²⁶Fe-56

Cross Section

-70.61 To 1278. %



Cross Section (barns)
10³
10²
10¹
10⁰
10⁻¹
10⁻²
10⁻³

Ratio
10¹
10⁰

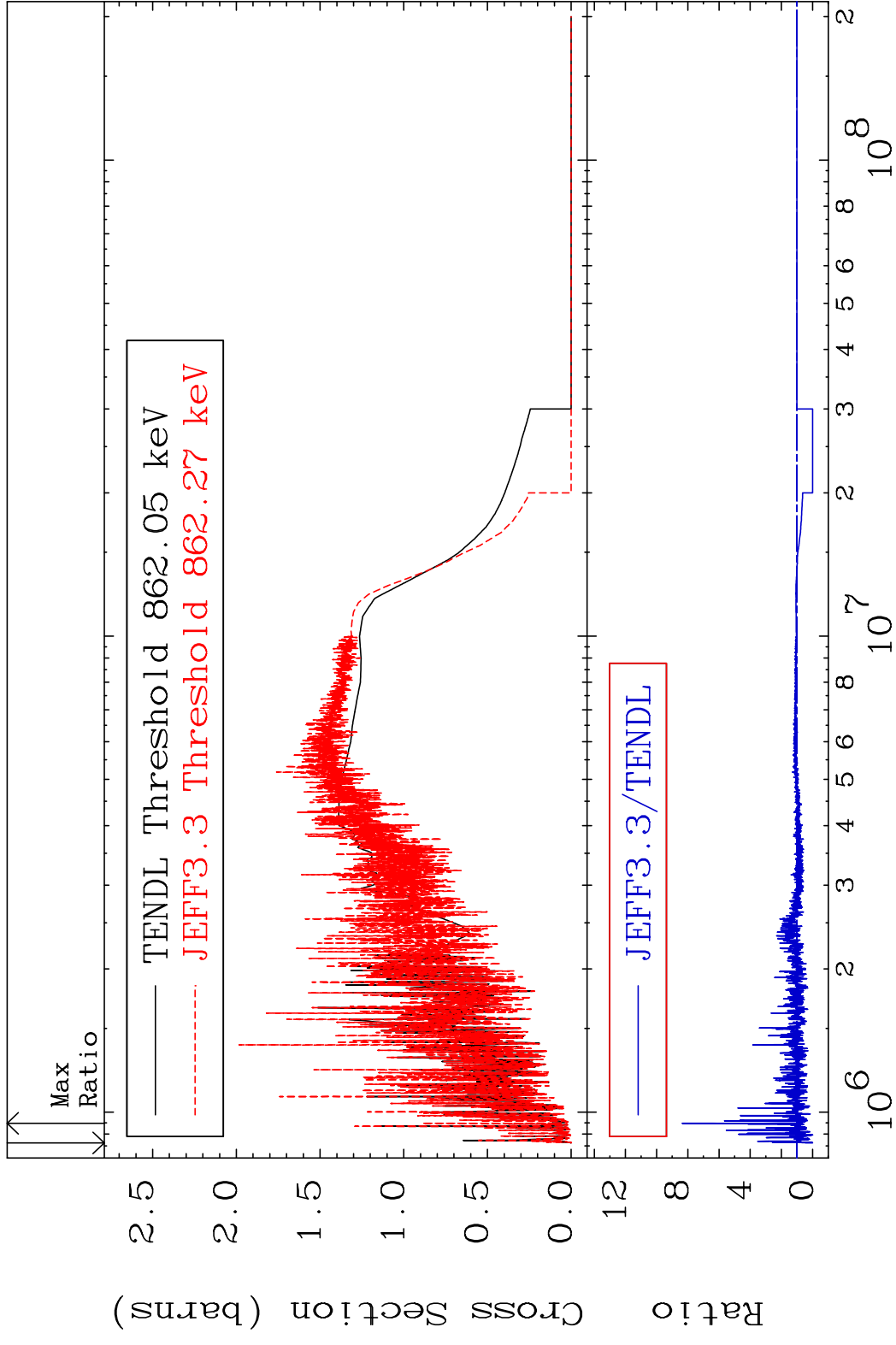
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

2

Incident Energy (eV)

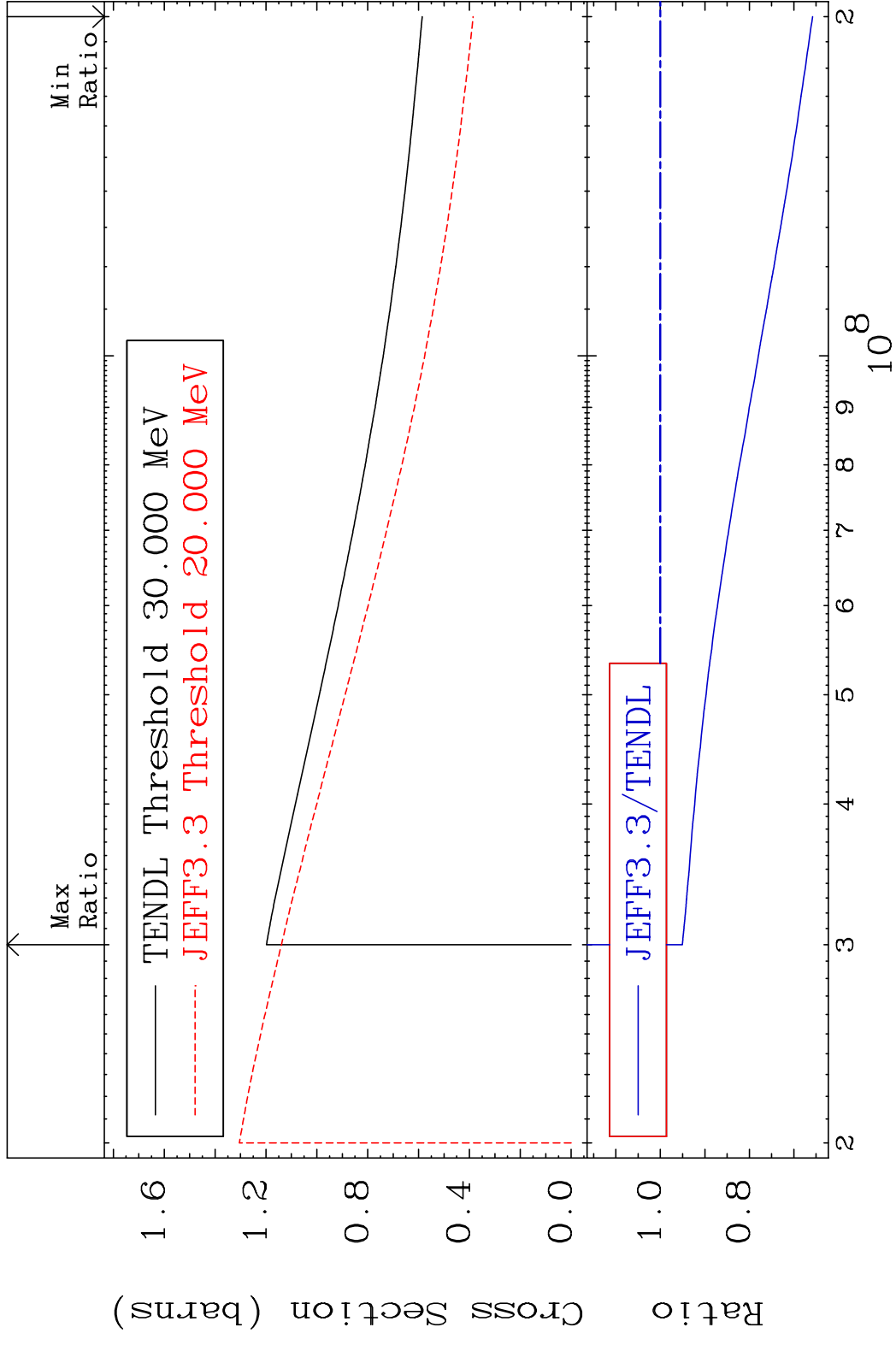
²⁶Fe-56

MAT 2631 Inelastic 26-Fe-56
 Cross Section -100.0 To 735.1 %



3 Incident Energy (eV) 26-Fe-56

MAT 2631 (n, remainder) 26-Fe-56
 Cross Section -34.21 To -4.941%



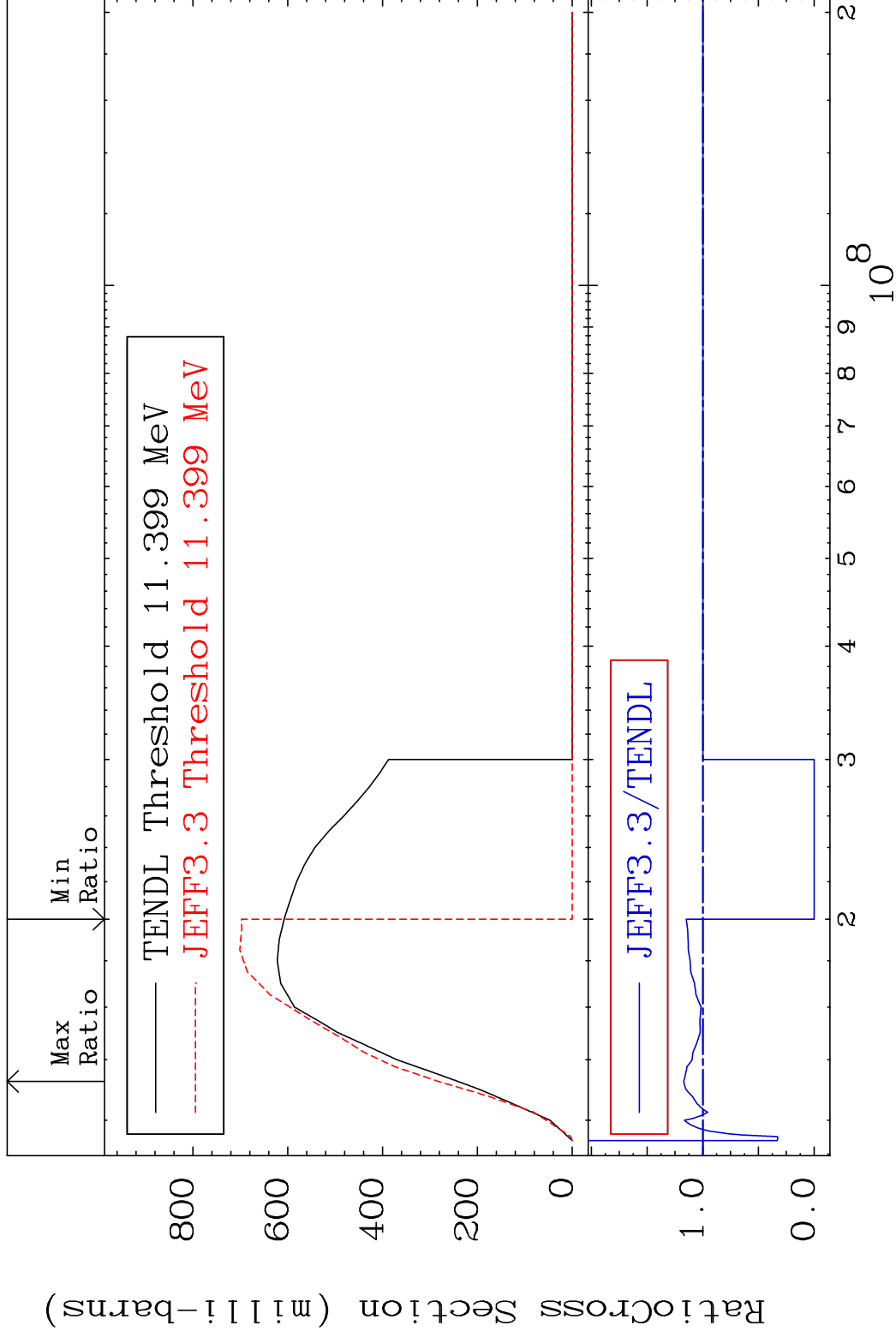
4 Incident Energy (eV) 26-Fe-56

MAT 2631

(n,2n)

²⁶Fe-56

Cross Section -100.0 To 17.18 %

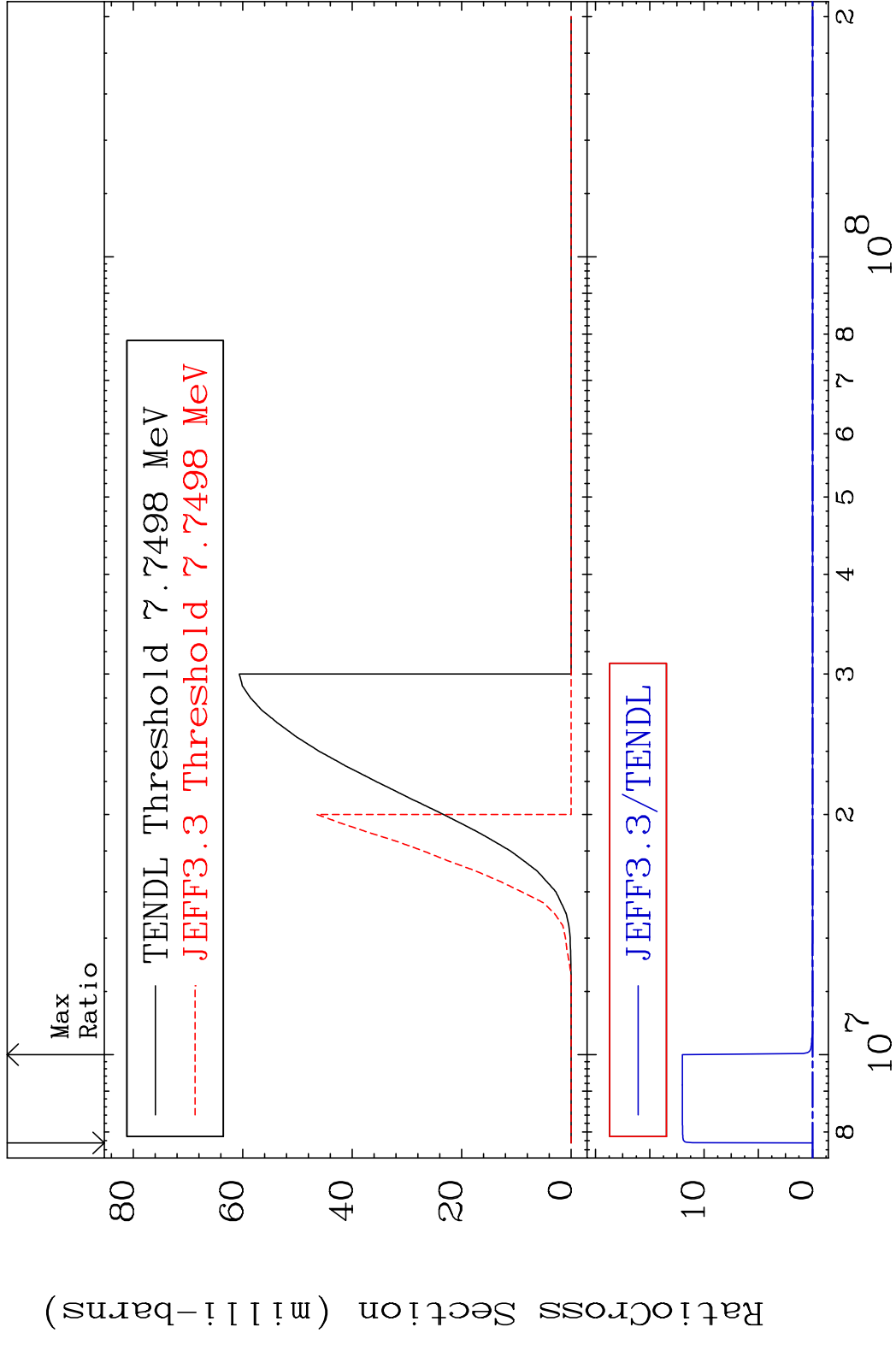


5

Incident Energy (eV)

²⁶Fe-56

MAT 2631 (n, n') α 26-Fe-56
 Cross Section -100.0 To 9999. %



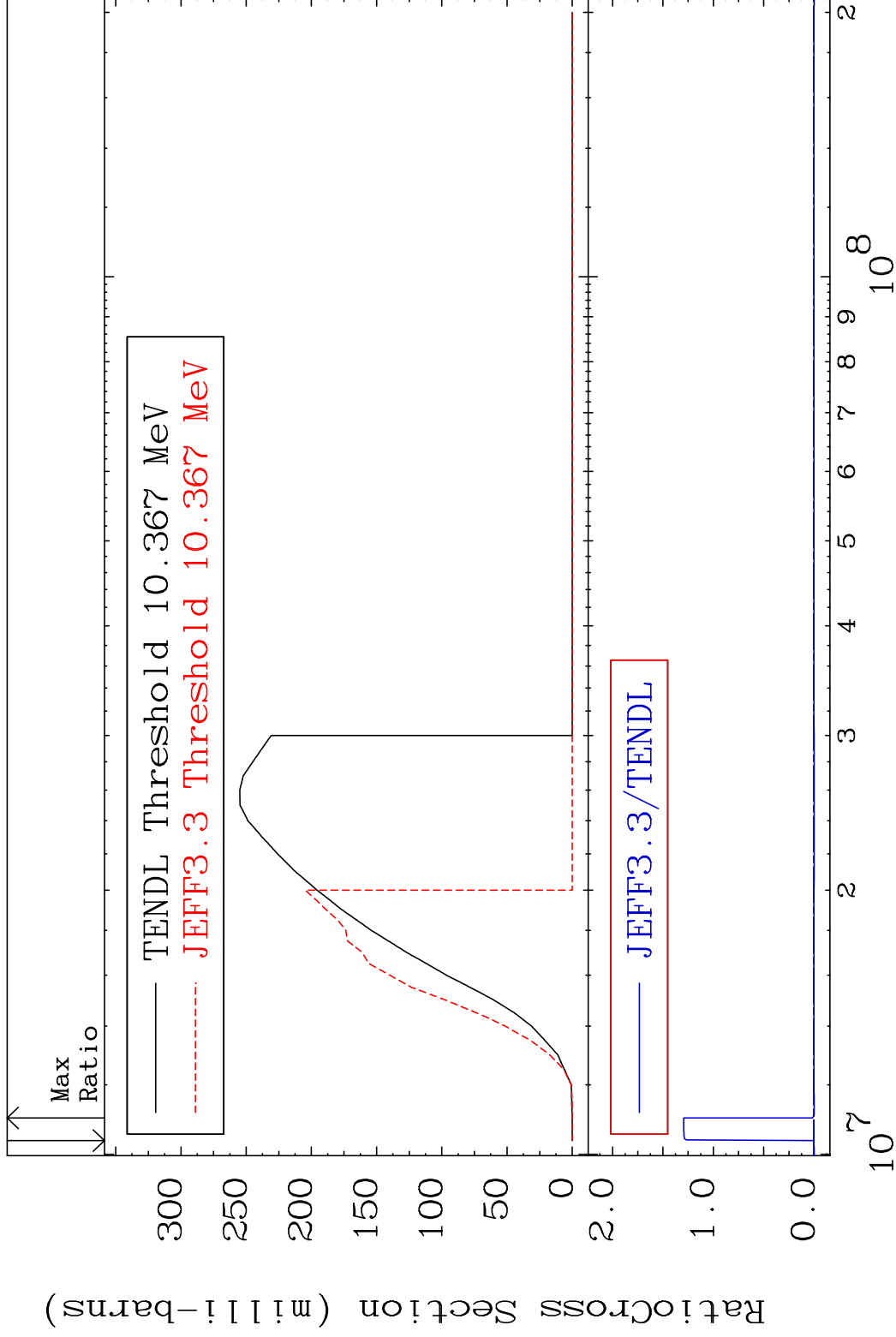
6 8 10⁷ 2 10⁸ 26-Fe-56

MAT 2631

(n, n') p

²⁶Fe-56

Cross Section -100.0 To 9999. %

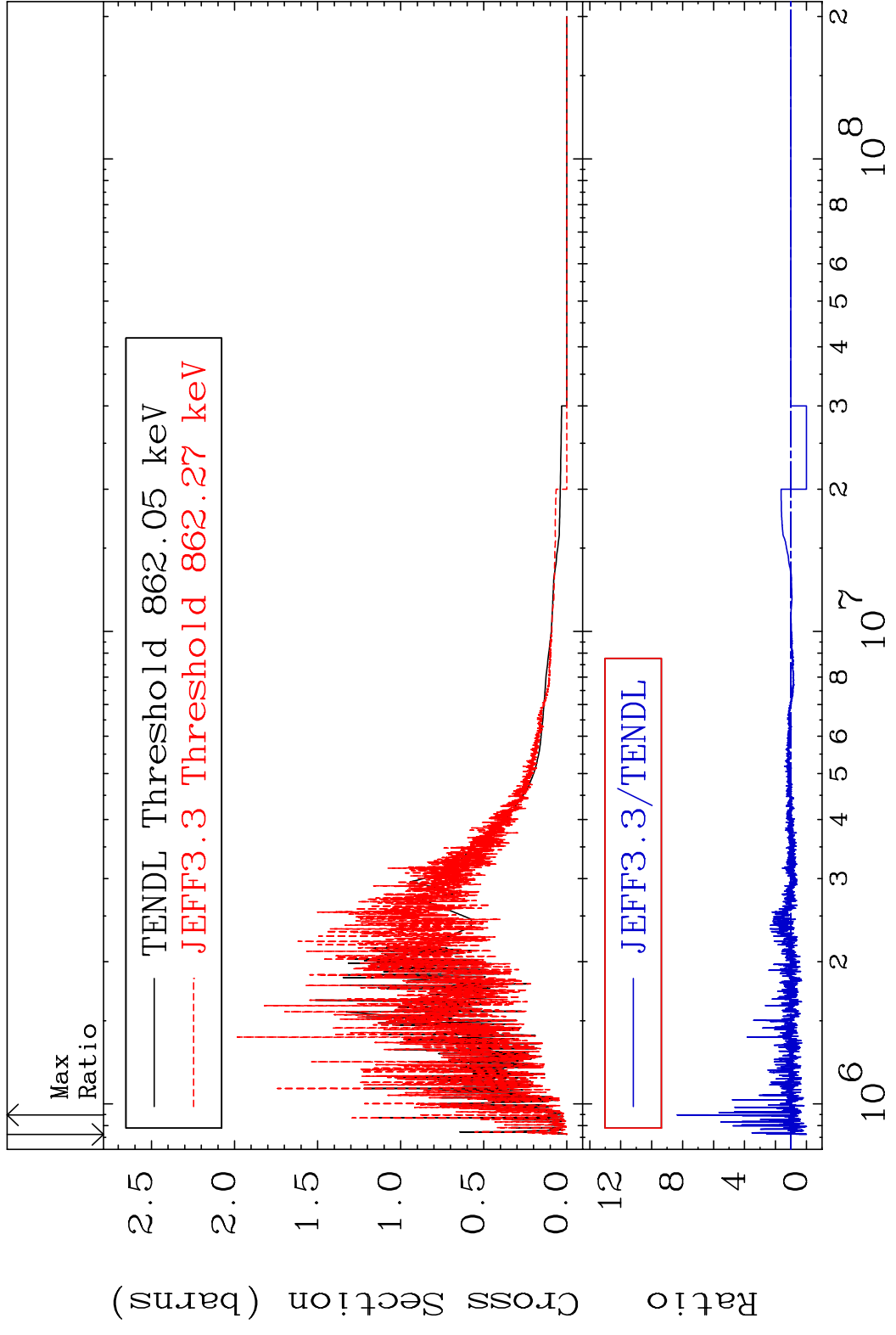


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Incident Energy (eV)

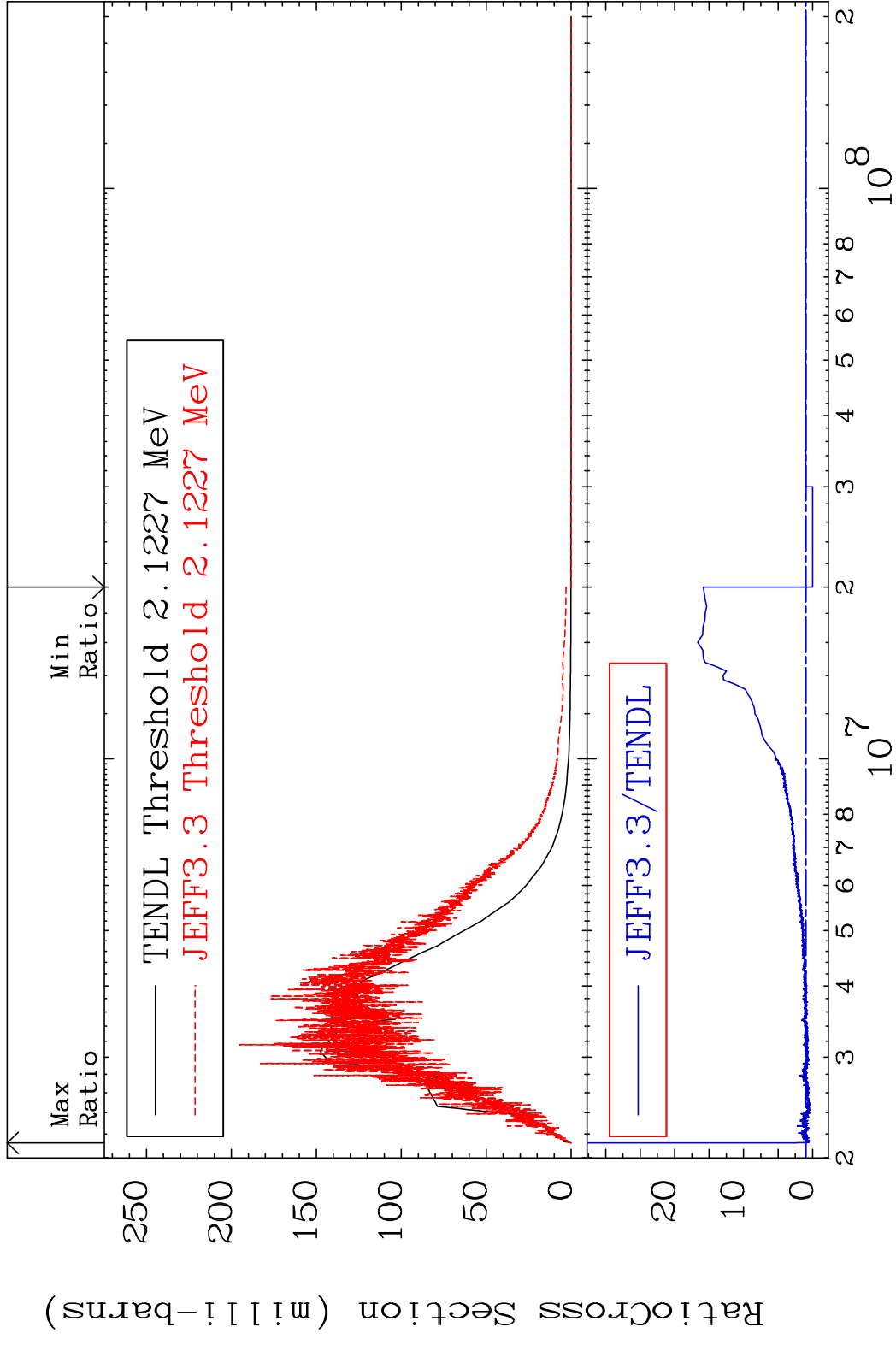
²⁶Fe-56

MAT 2631 MT= 51 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 735.1 %



8 Incident Energy (eV) 26-Fe-56

MAT 2631 MT= 52 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 1788. %

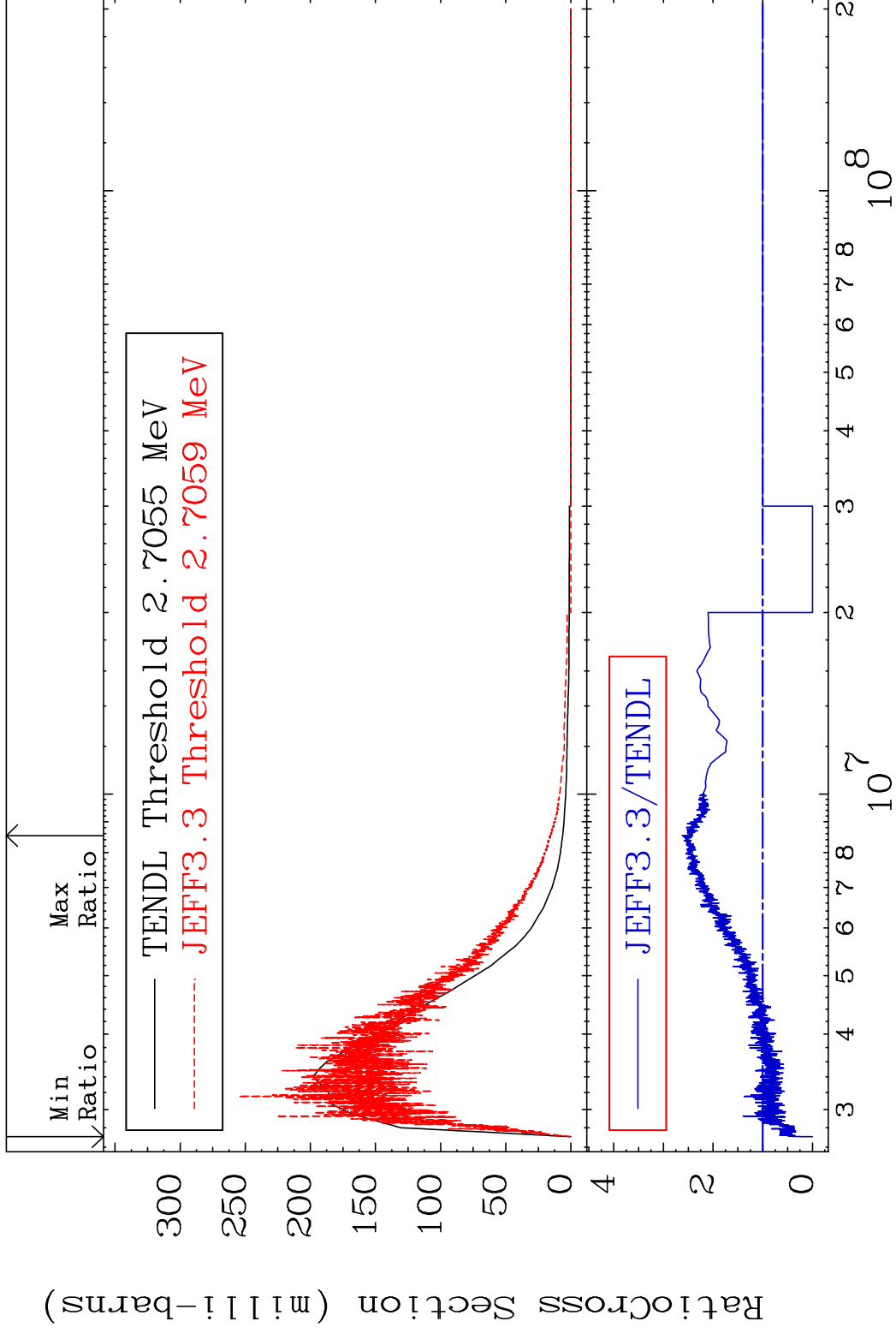


MAT 2631

MT= 53 (n, n') Level

²⁶Fe-56

Cross Section -100.0 To 162.3 %

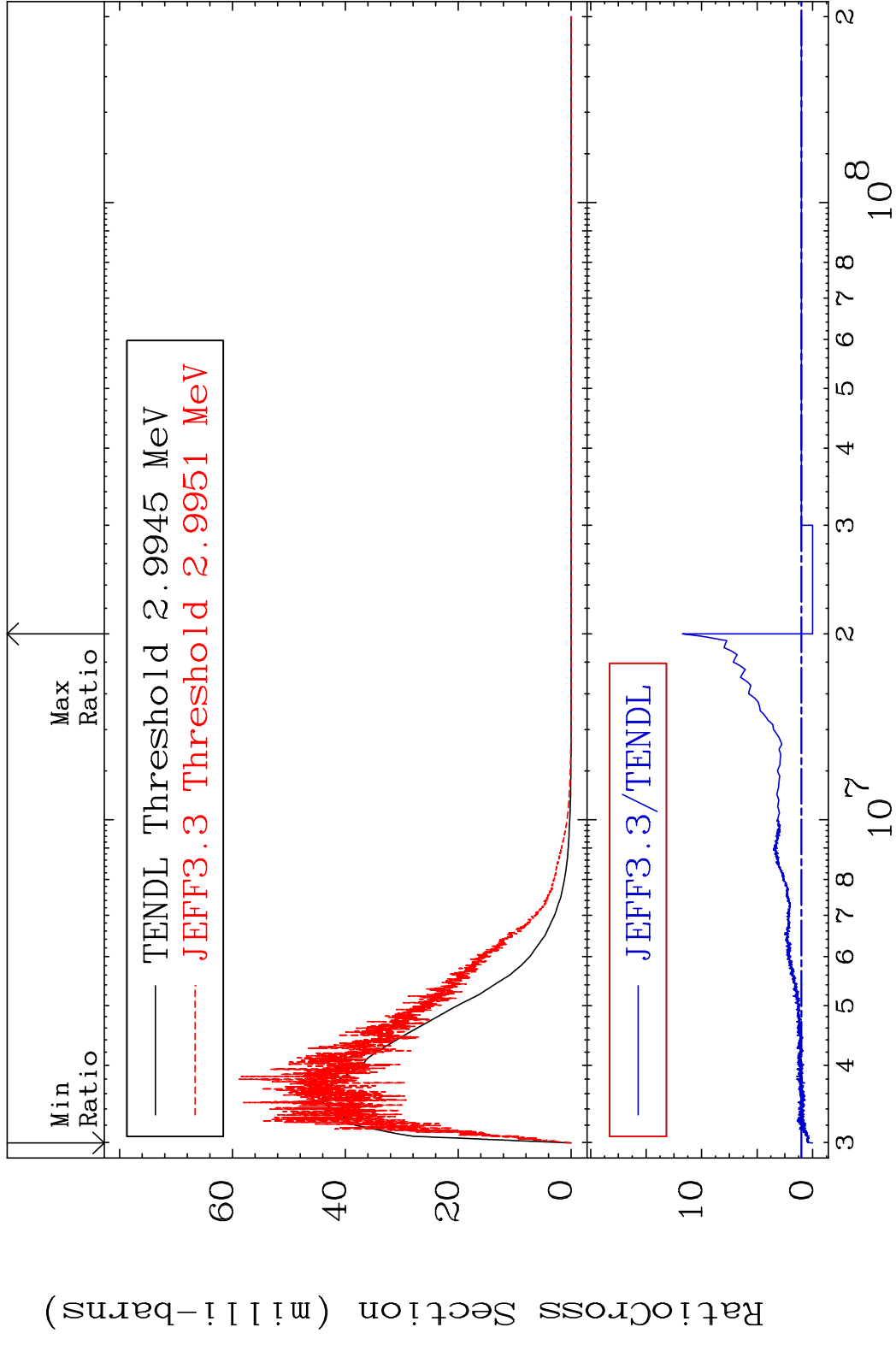


10

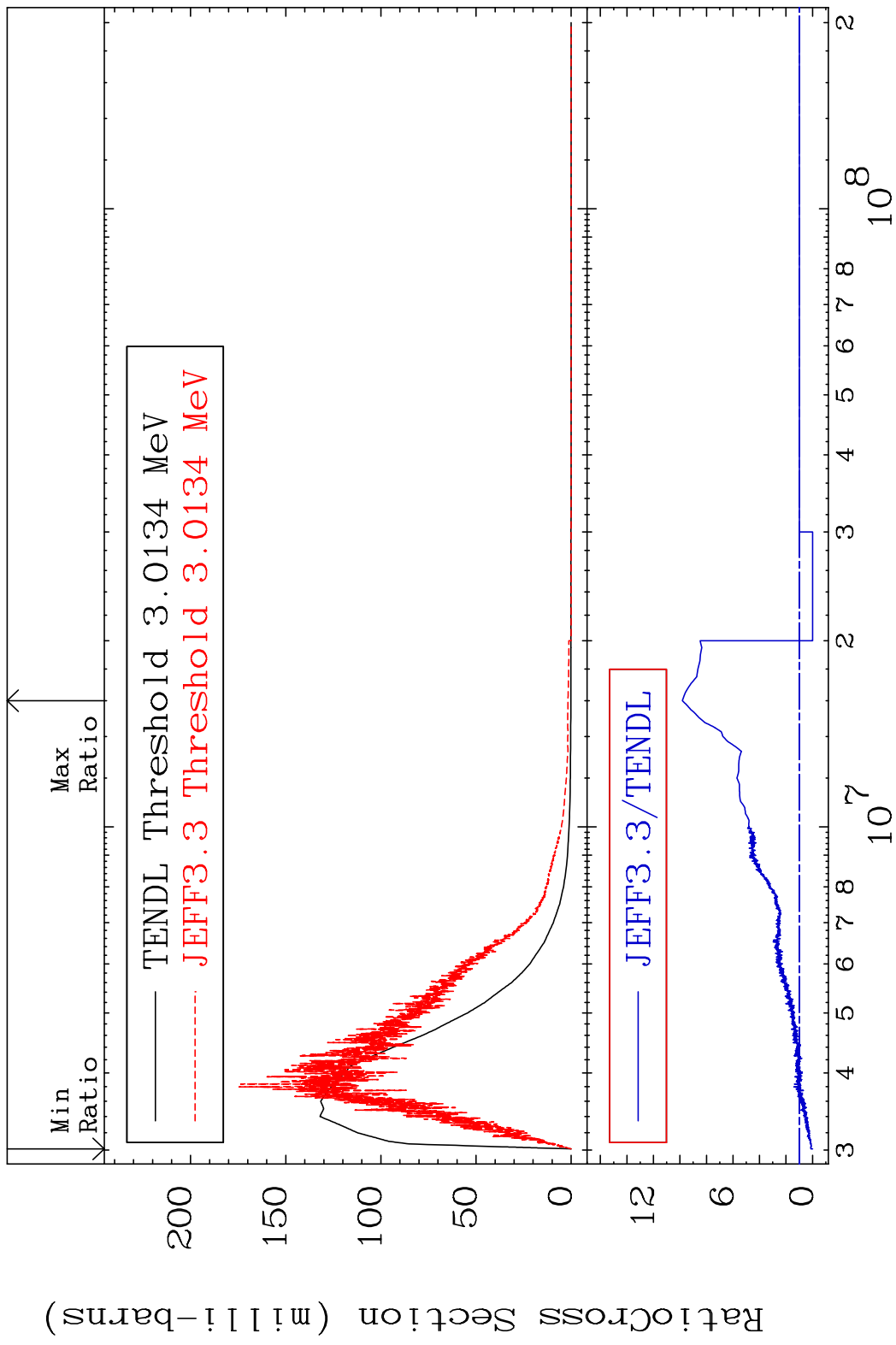
Incident Energy (eV)

²⁶Fe-56

MAT 2631 MT= 54 (n,n') Level 26-Fe-56
 Cross Section -100.0 To 1074. %

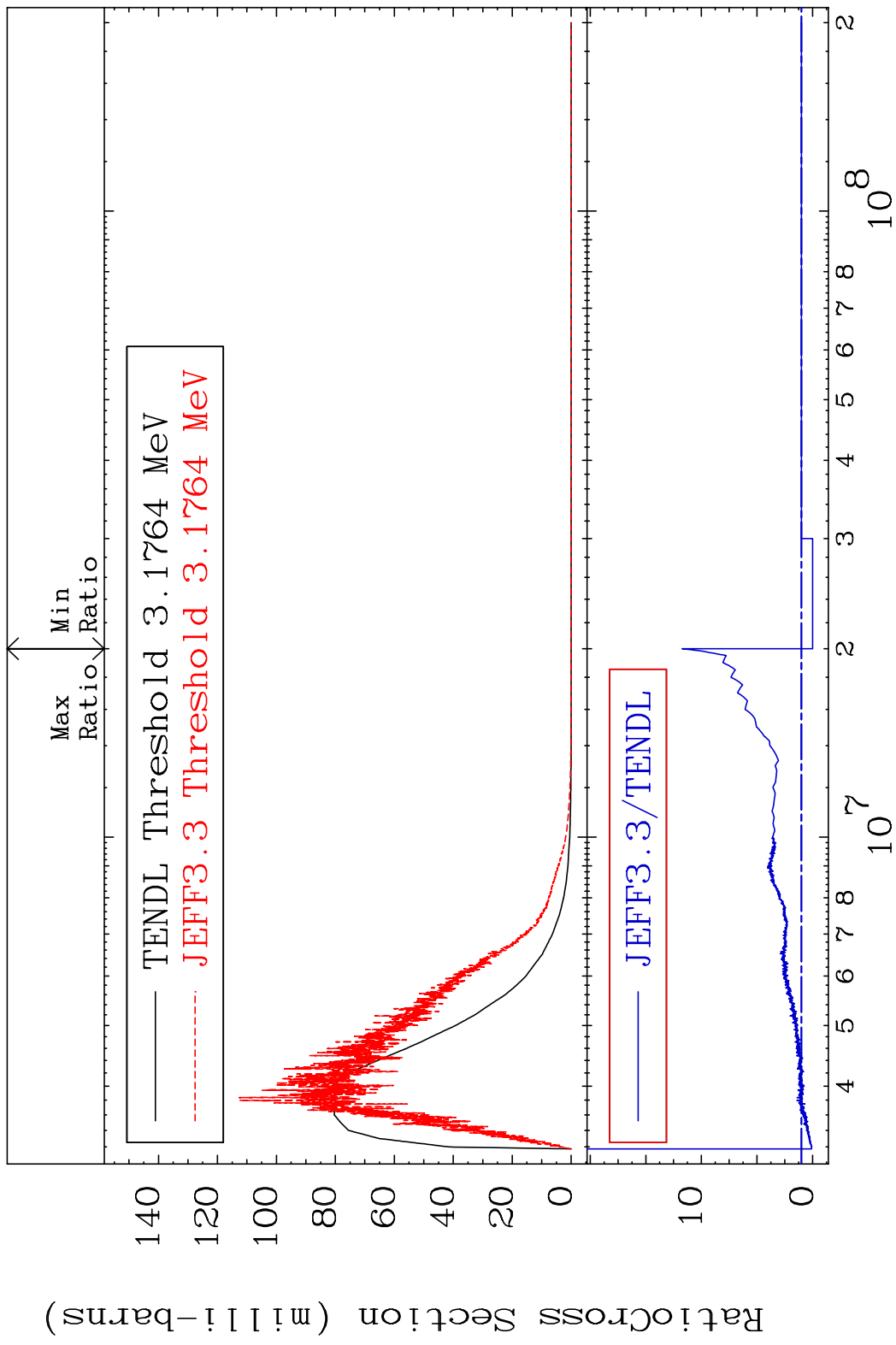


MAT 2631 MT= 55 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 881.9 %

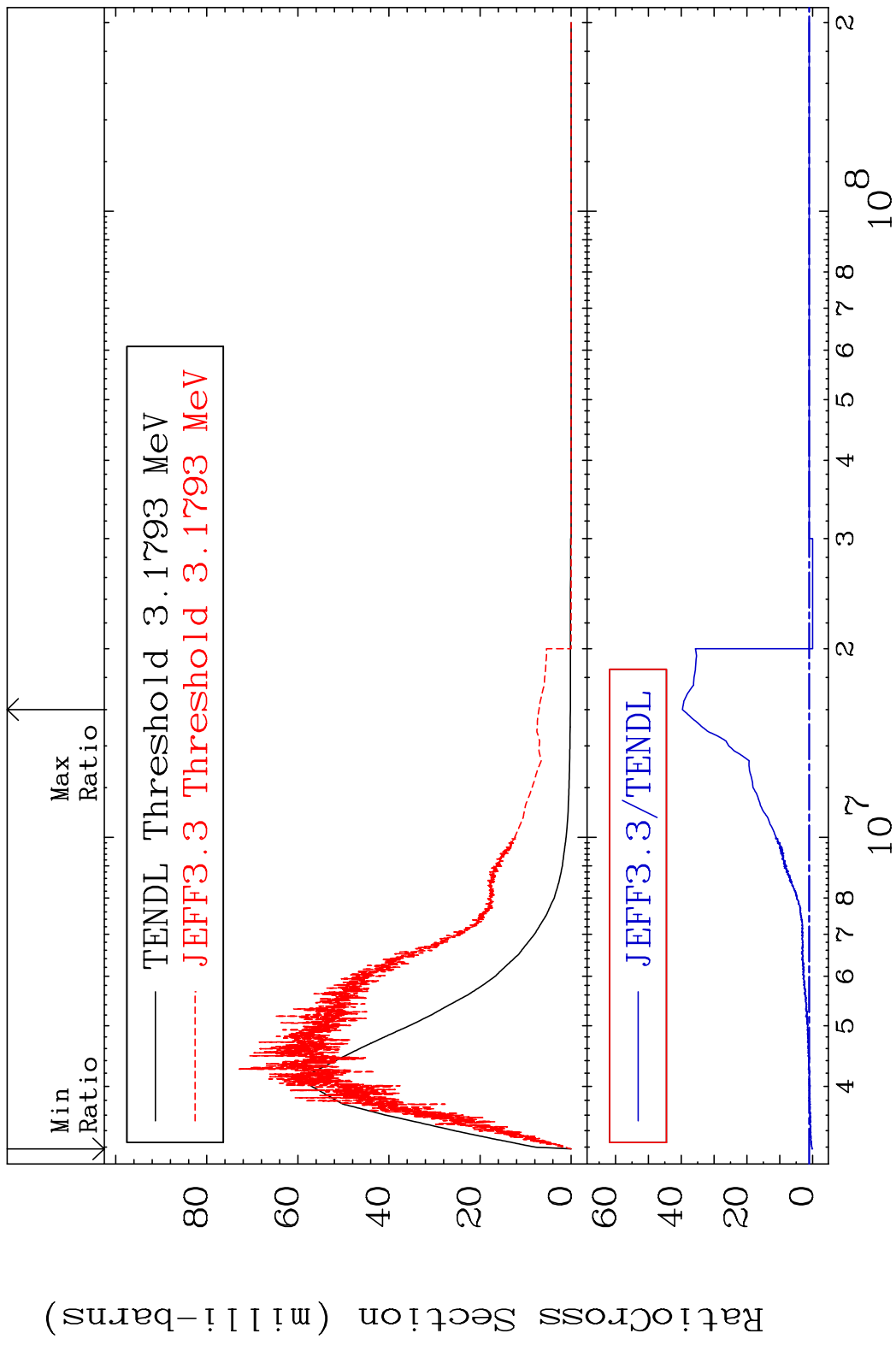


12 26-Fe-56

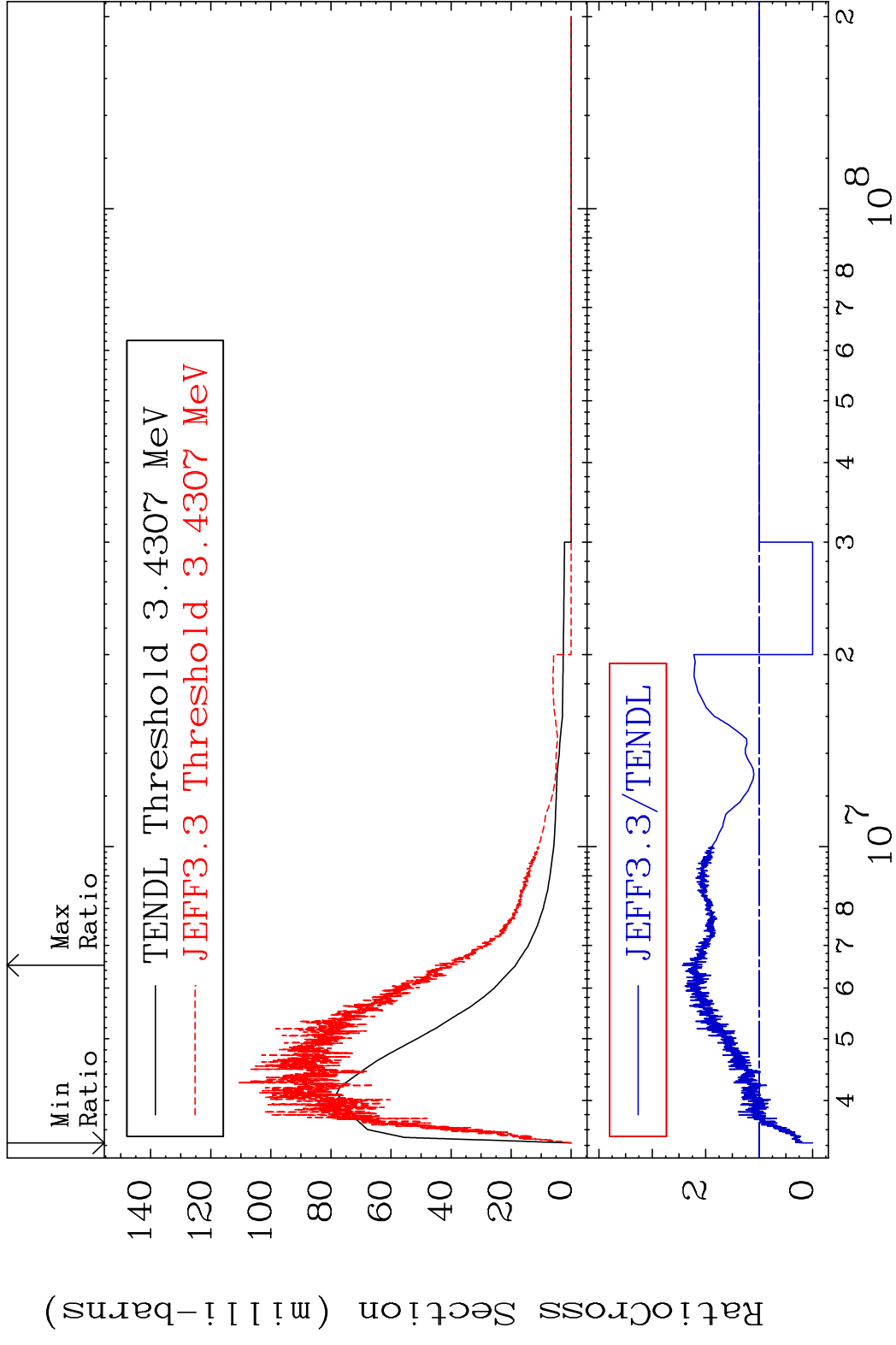
MAT 2631 MT= 56 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 1071. %



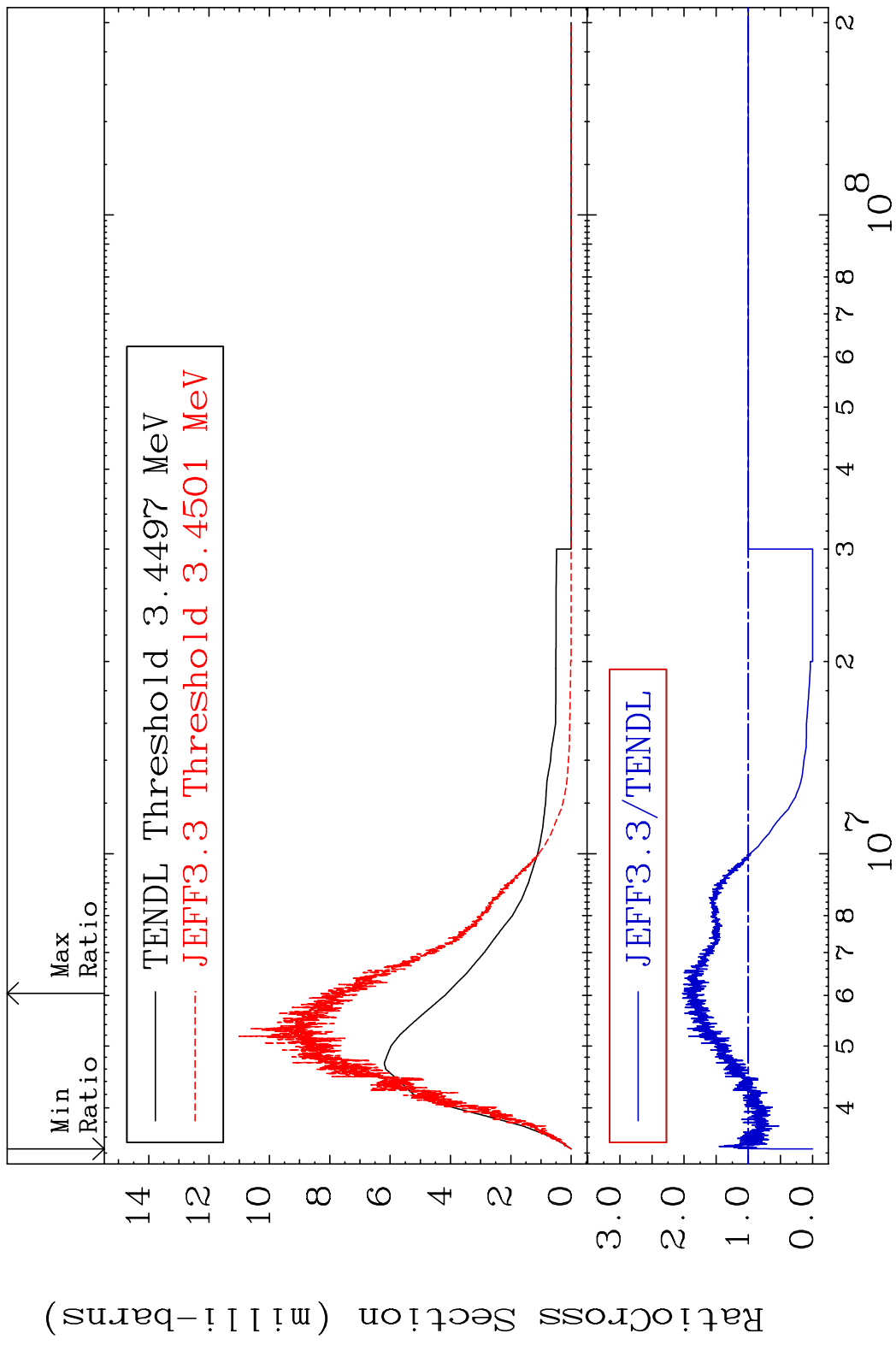
MAT 2631 MT= 57 (n,n') Level 26-Fe-56
 Cross Section -100.0 To 3865. %



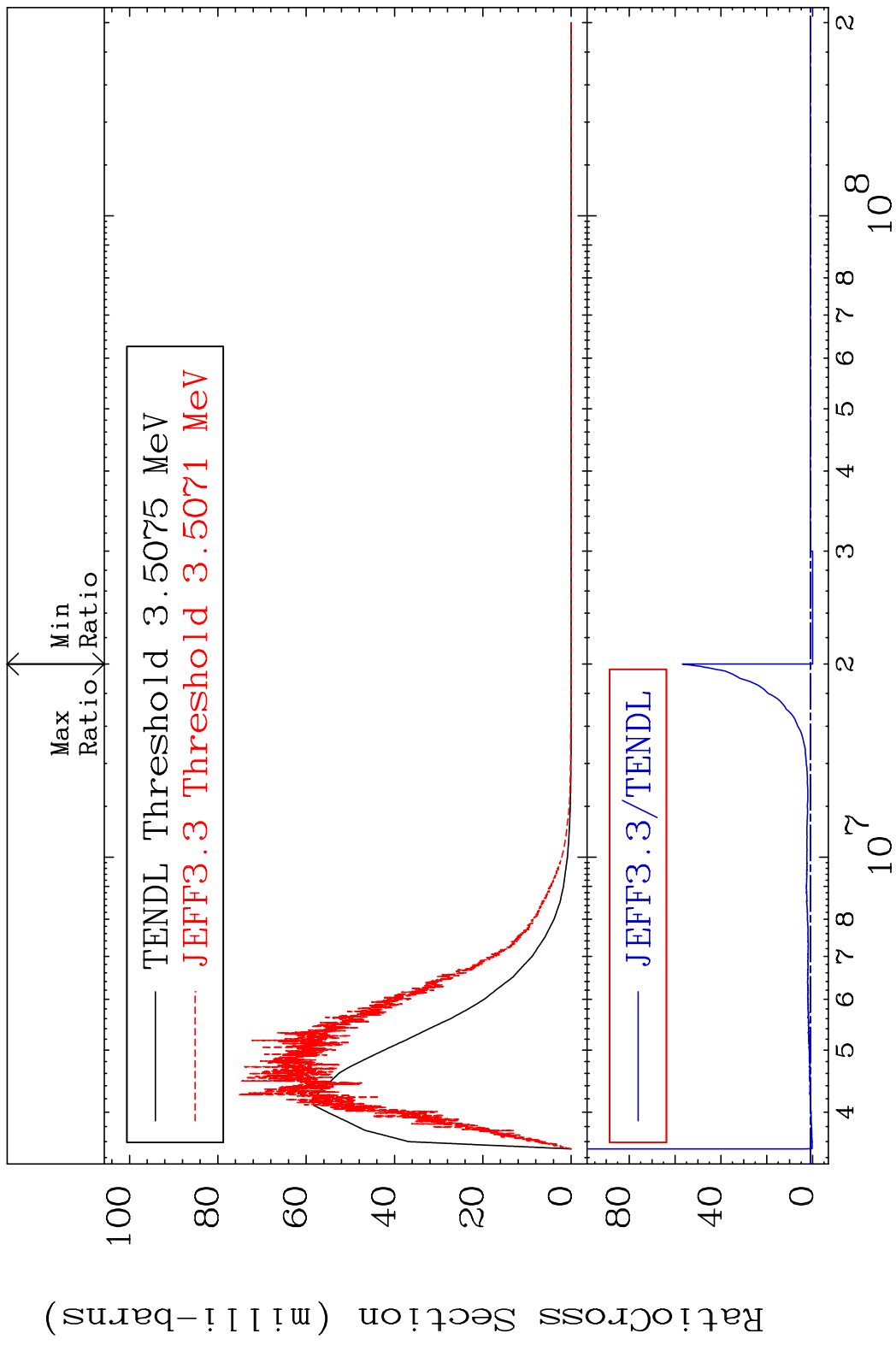
MAT 2631 MT= 58 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 143.7 %



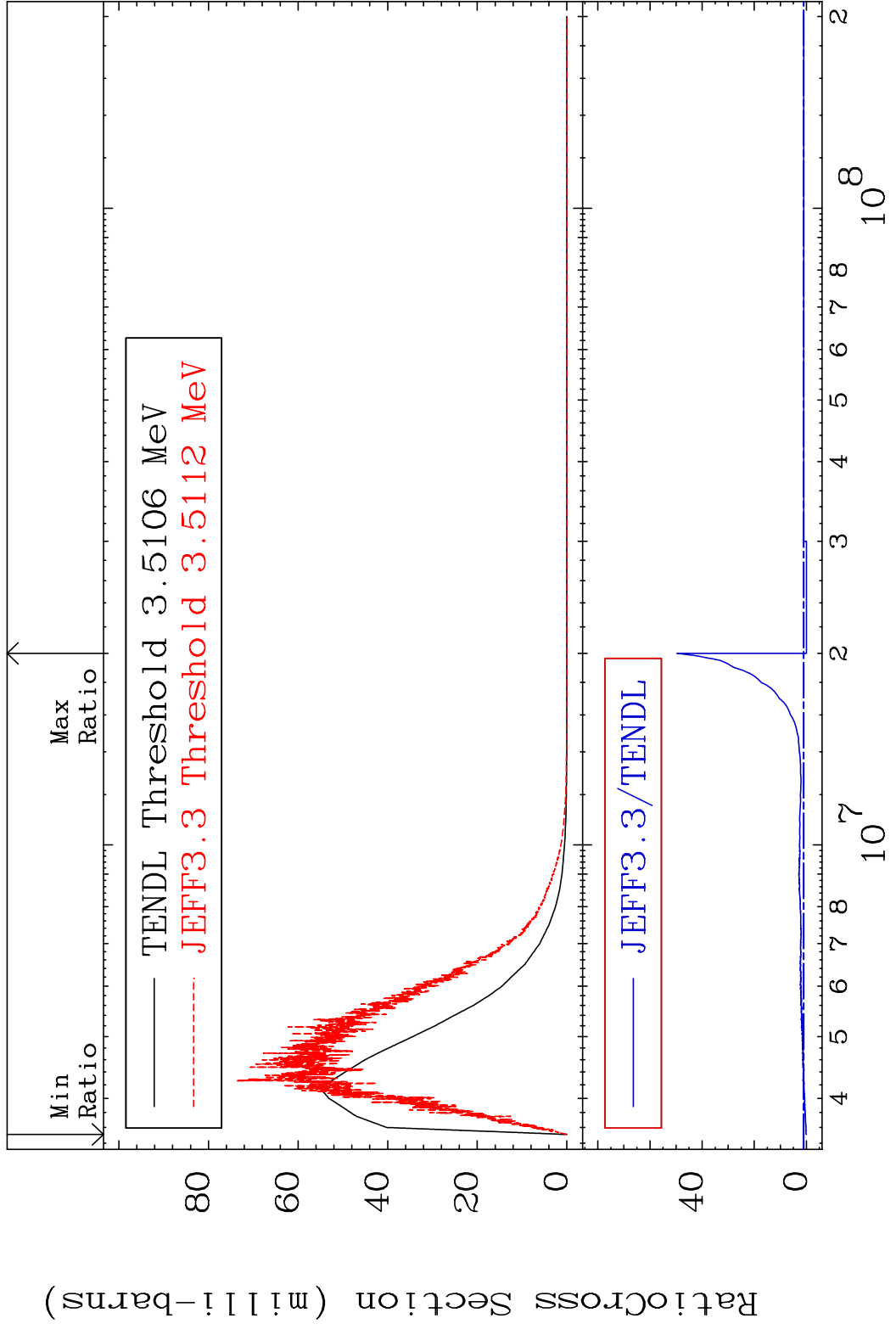
MAT 2631 MT= 59 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 102.7 %



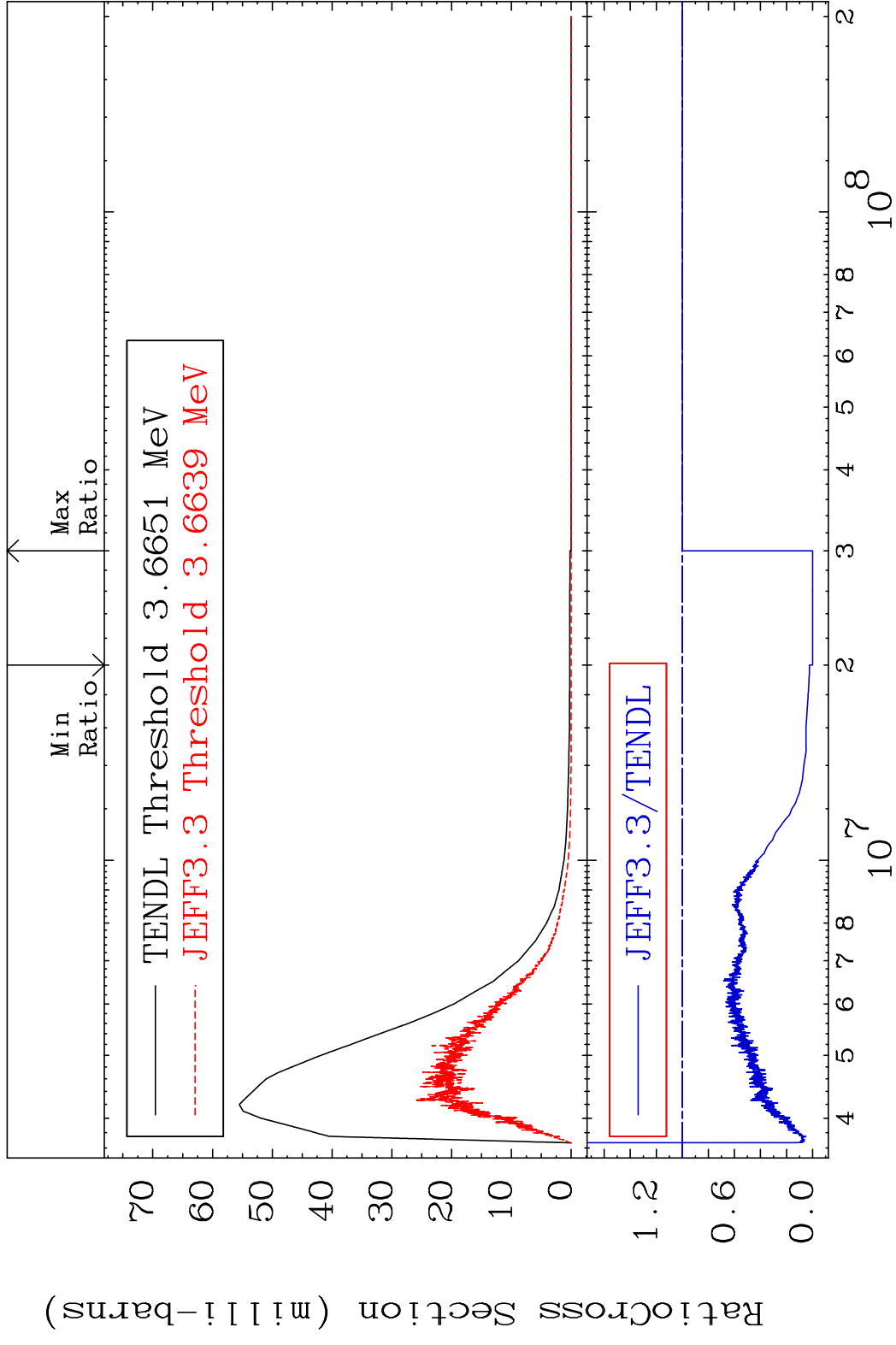
MAT 2631 MT= 60 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 5580. %



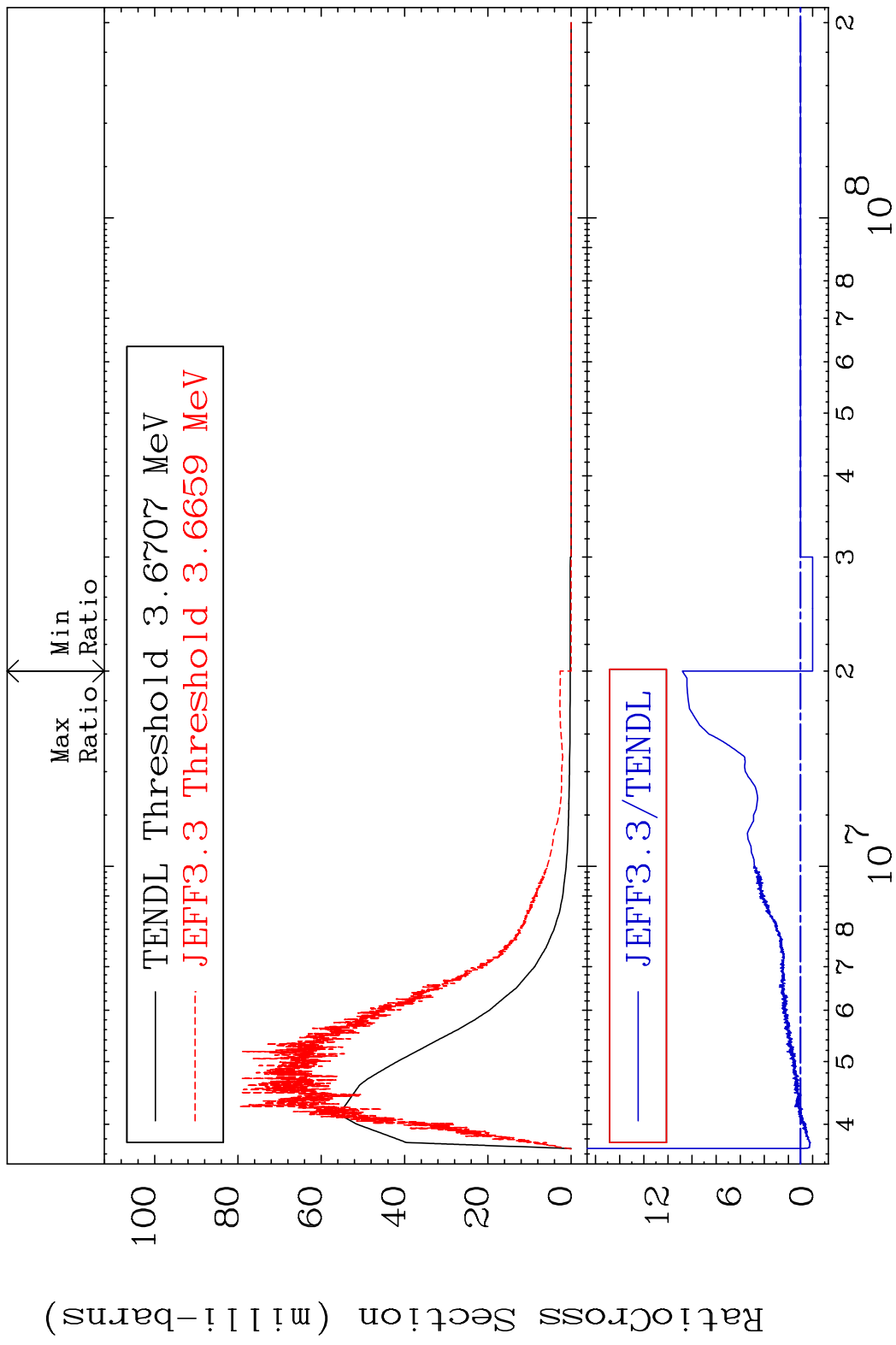
MAT 2631 MT= 61 (n,n') Level 26-Fe-56
 Cross Section -100.0 To 4856. %



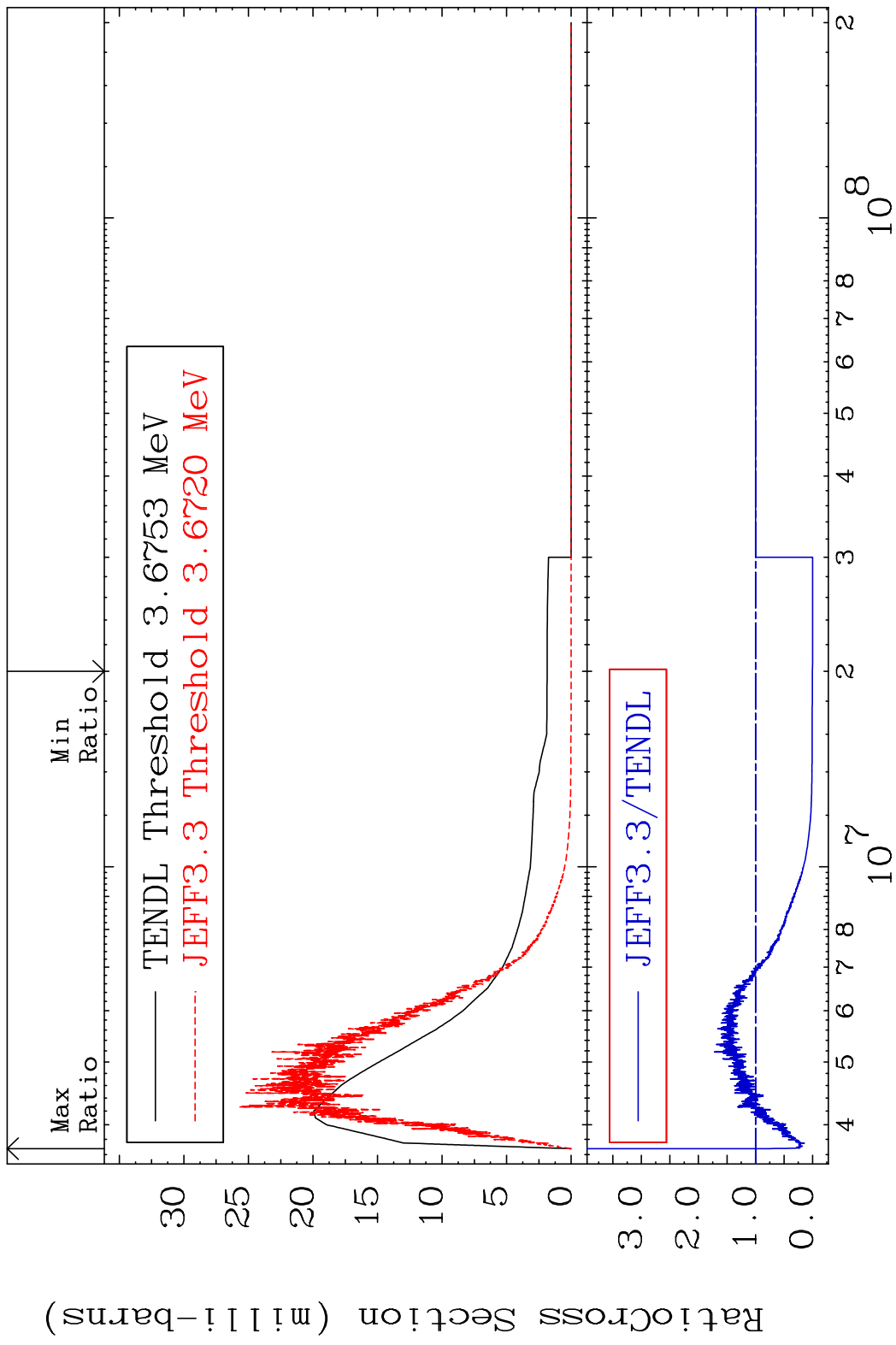
MAT 2631 MT= 62 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 0.000 %



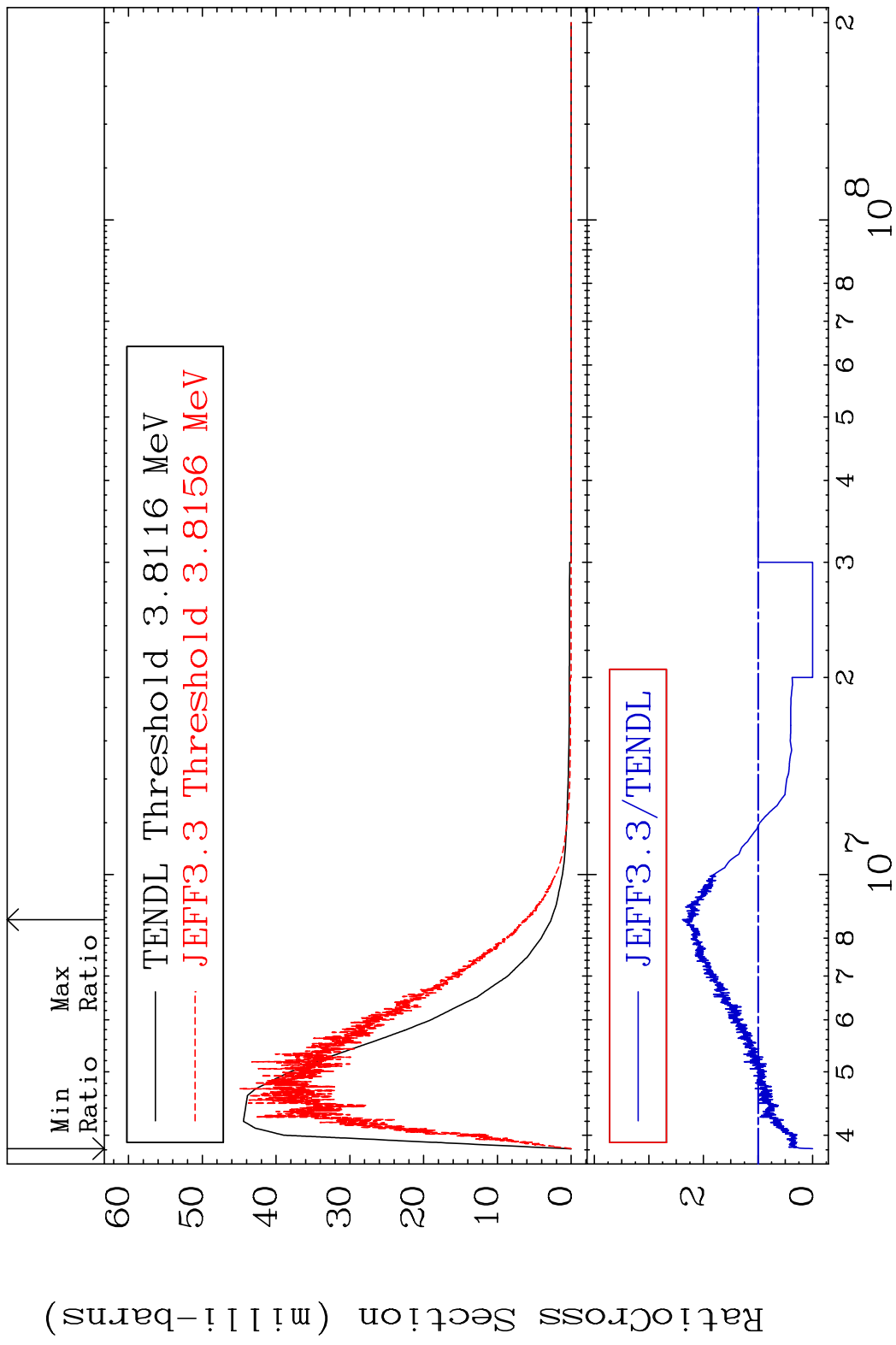
MAT 2631 MT= 63 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 980.2 %



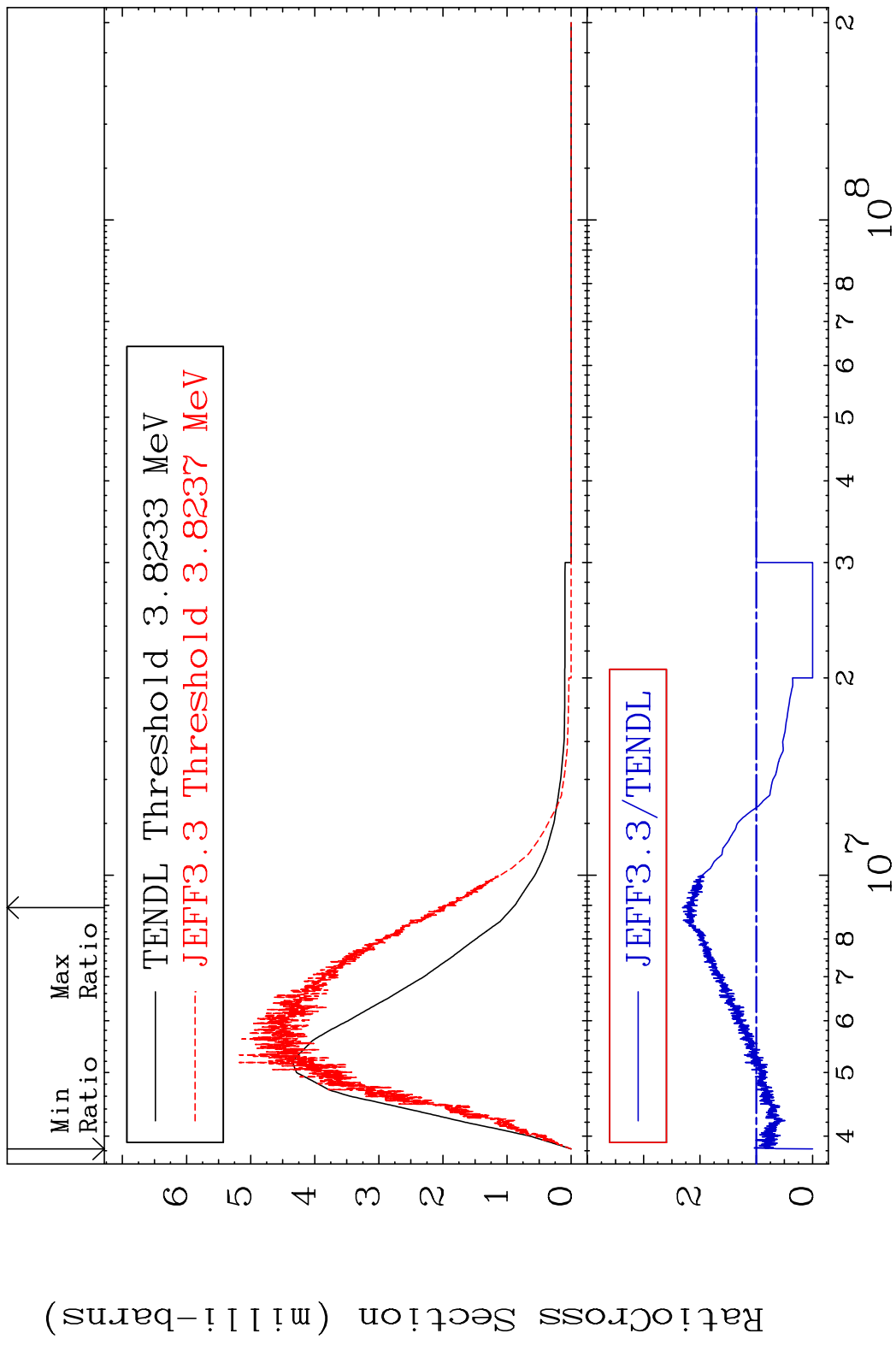
MAT 2631 MT= 64 (n,n') Level 26-Fe-56
 Cross Section -100.0 To 128.2 %



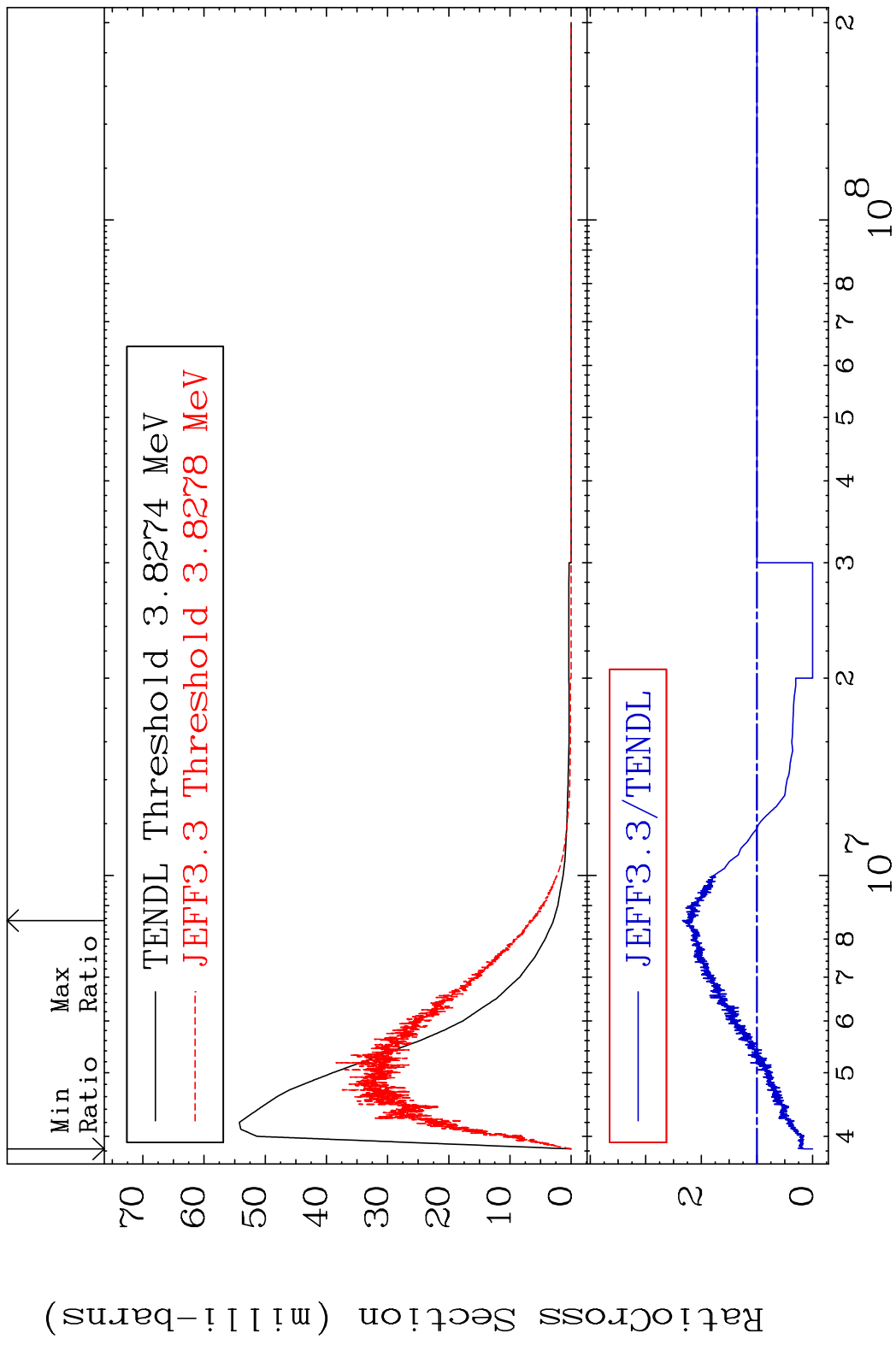
MAT 2631 MT= 65 (n,n') Level 26-Fe-56
 Cross Section -100.0 To 138.7 %



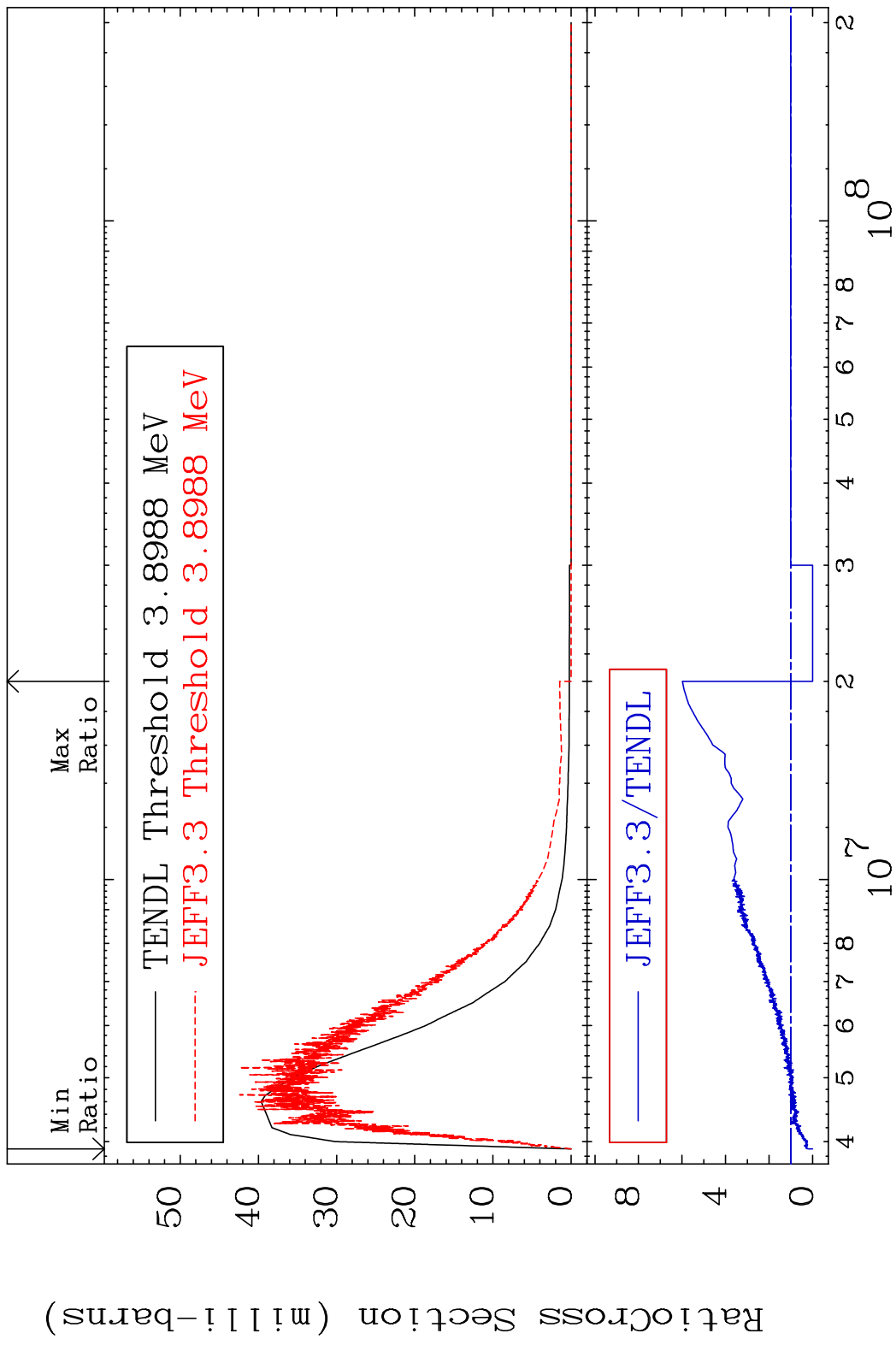
MAT 2631 MT= 66 (n,n') Level 26-Fe-56
 Cross Section -100.0 To 131.3 %



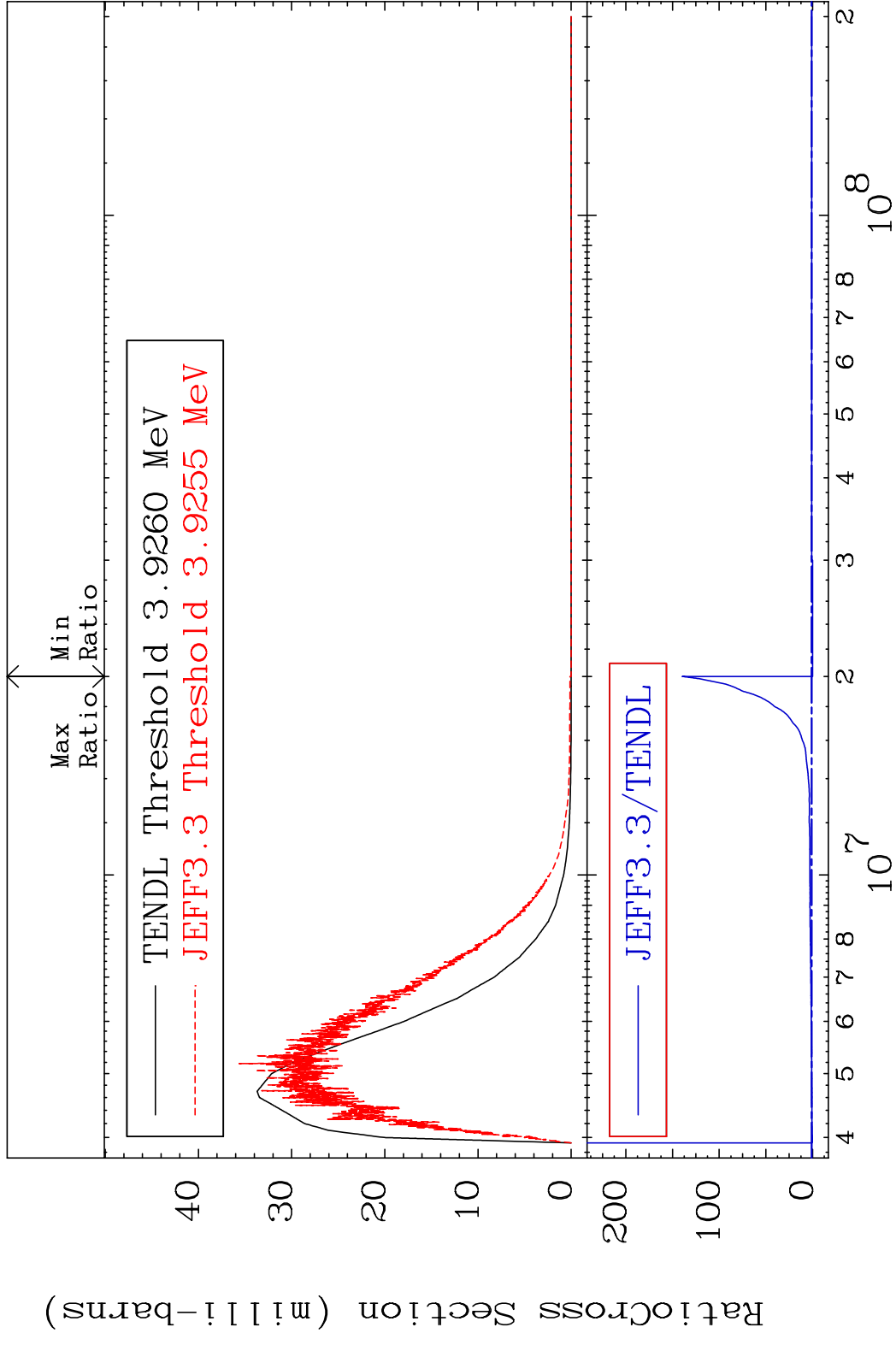
MAT 2631 MT= 67 (n,n') Level 26-Fe-56
 Cross Section -100.0 To 134.2 %



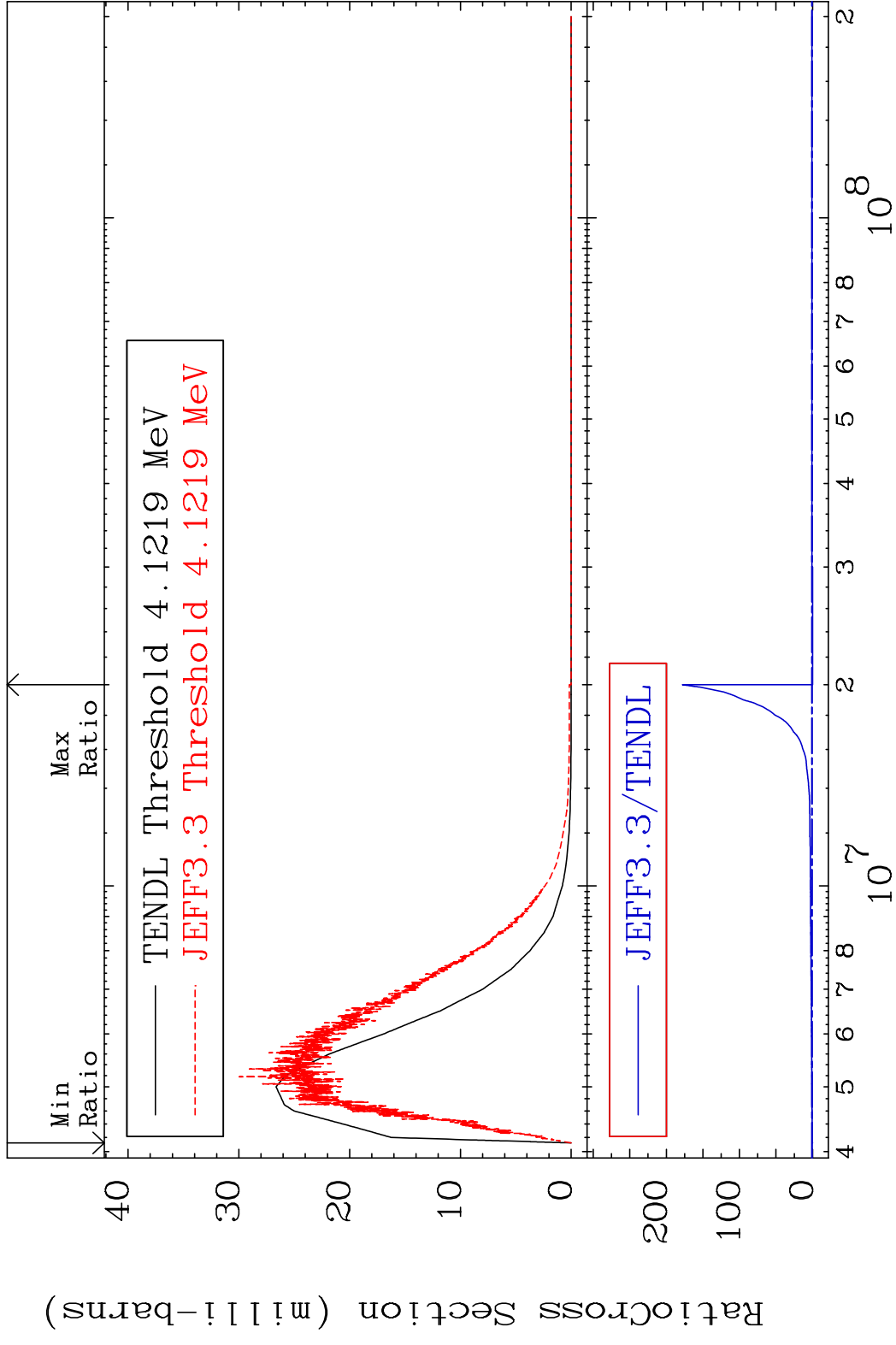
MAT 2631 MT= 68 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 498.3 %



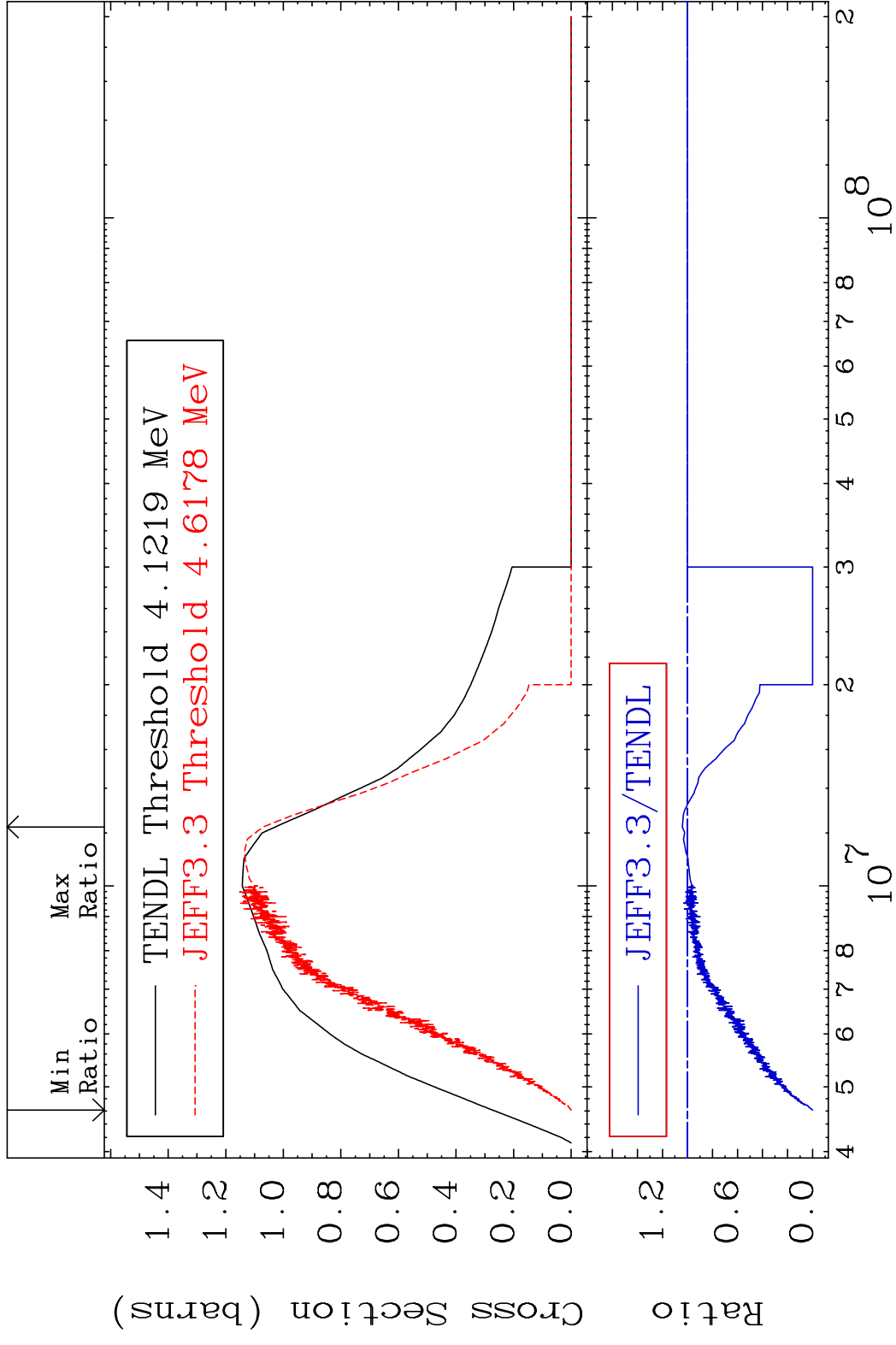
MAT 2631 MT= 69 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 9999. %



MAT 2631 MT= 70 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 9999. %



MAT 2631 (n, n') Continuum ²⁶Fe-56
 Cross Section -100.0 To 4.087 %

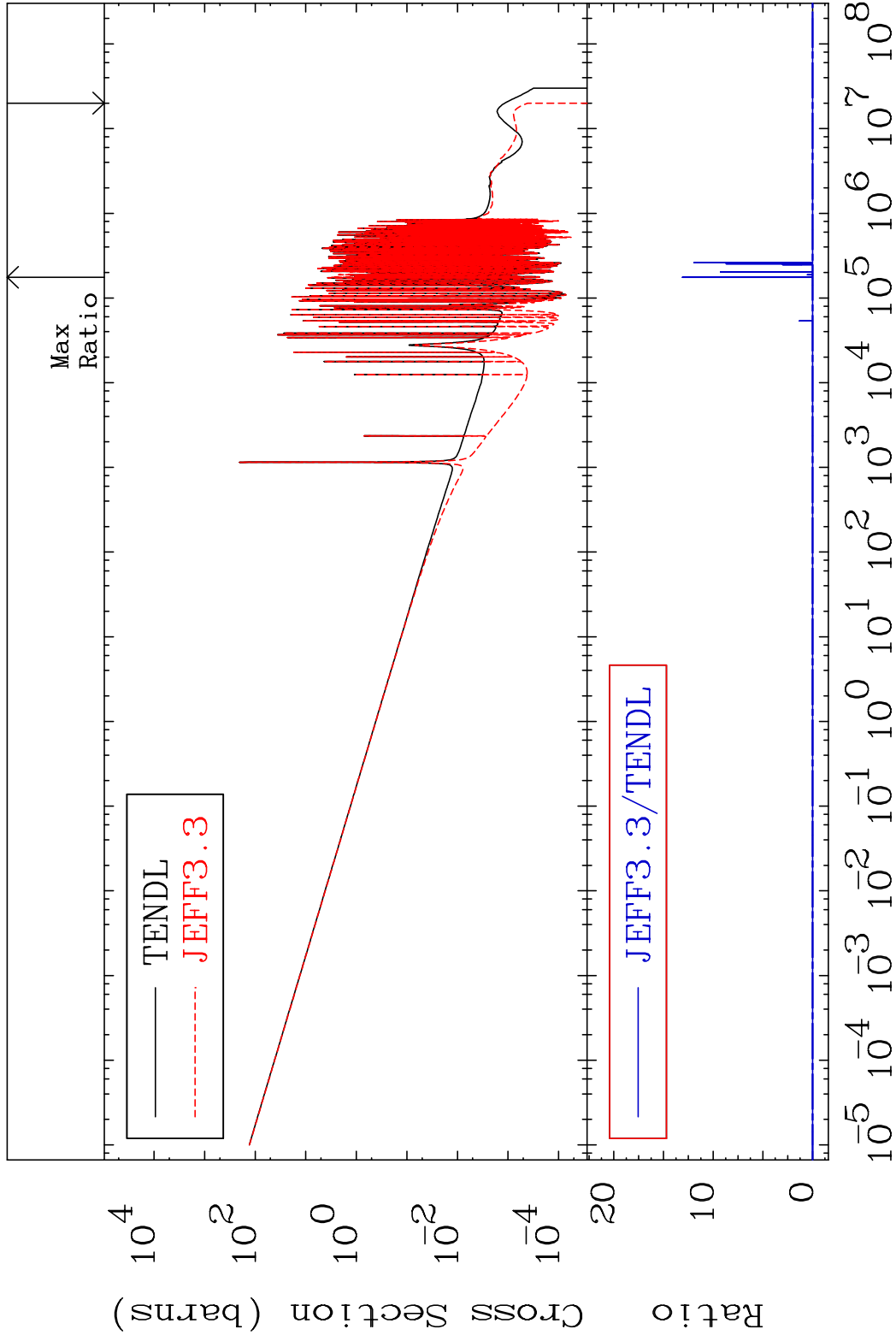


MAT 2631

(n, γ)

26-Fe-56

Cross Section -100.0 To 9999. %



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Incident Energy (eV)

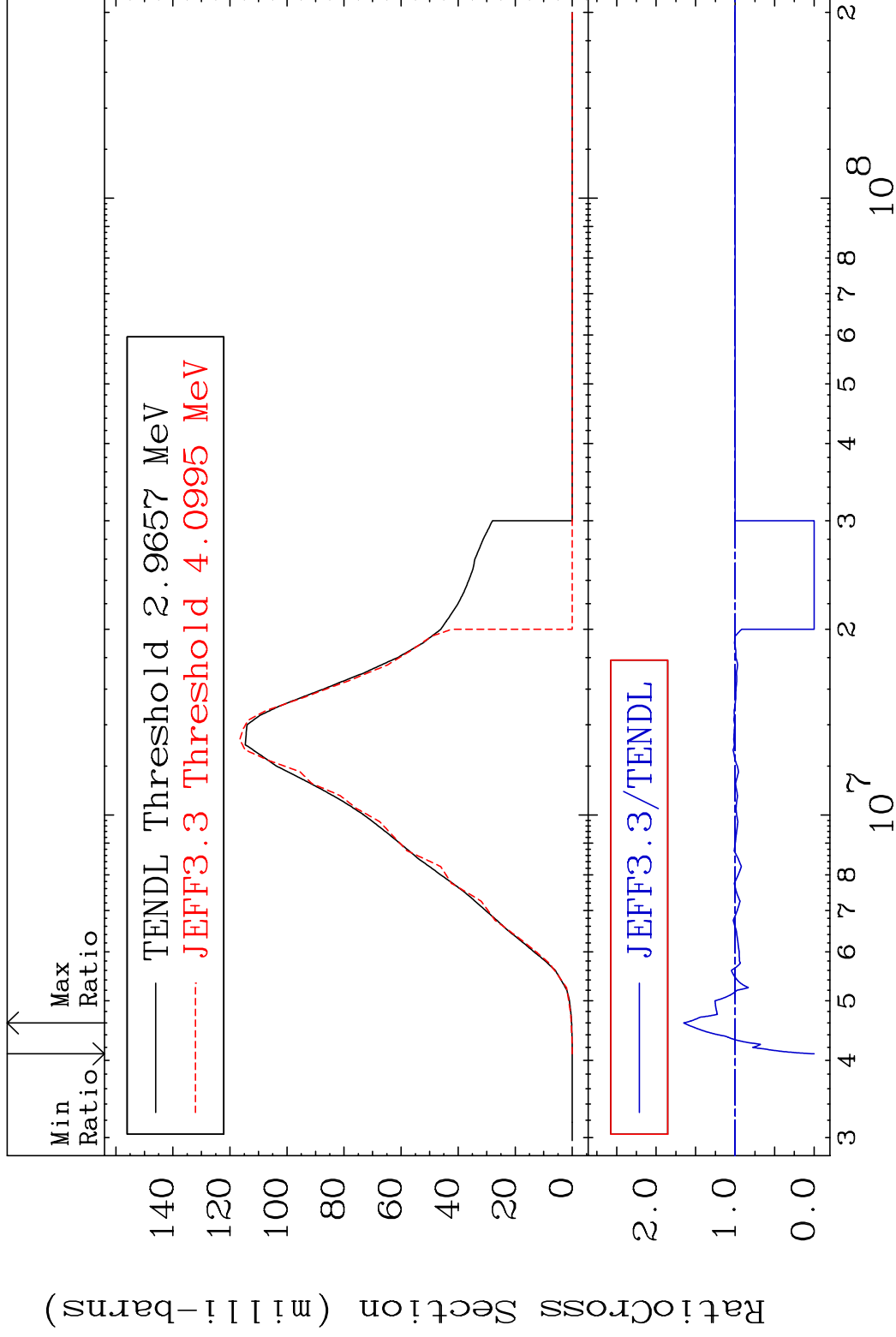
26-Fe-56

MAT 2631

(n,p)

²⁶Fe-56

Cross Section -100.0 To 65.16 %

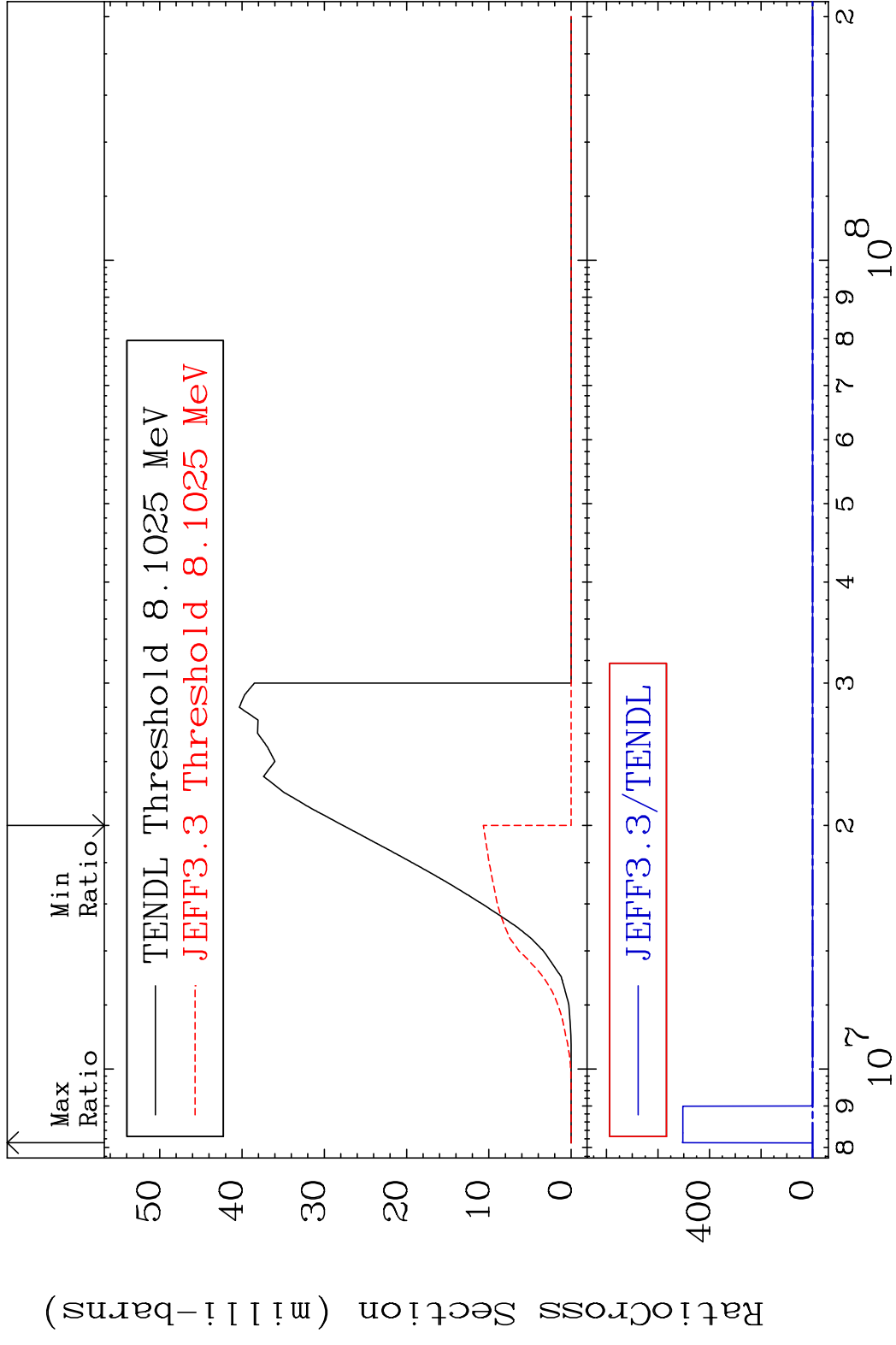


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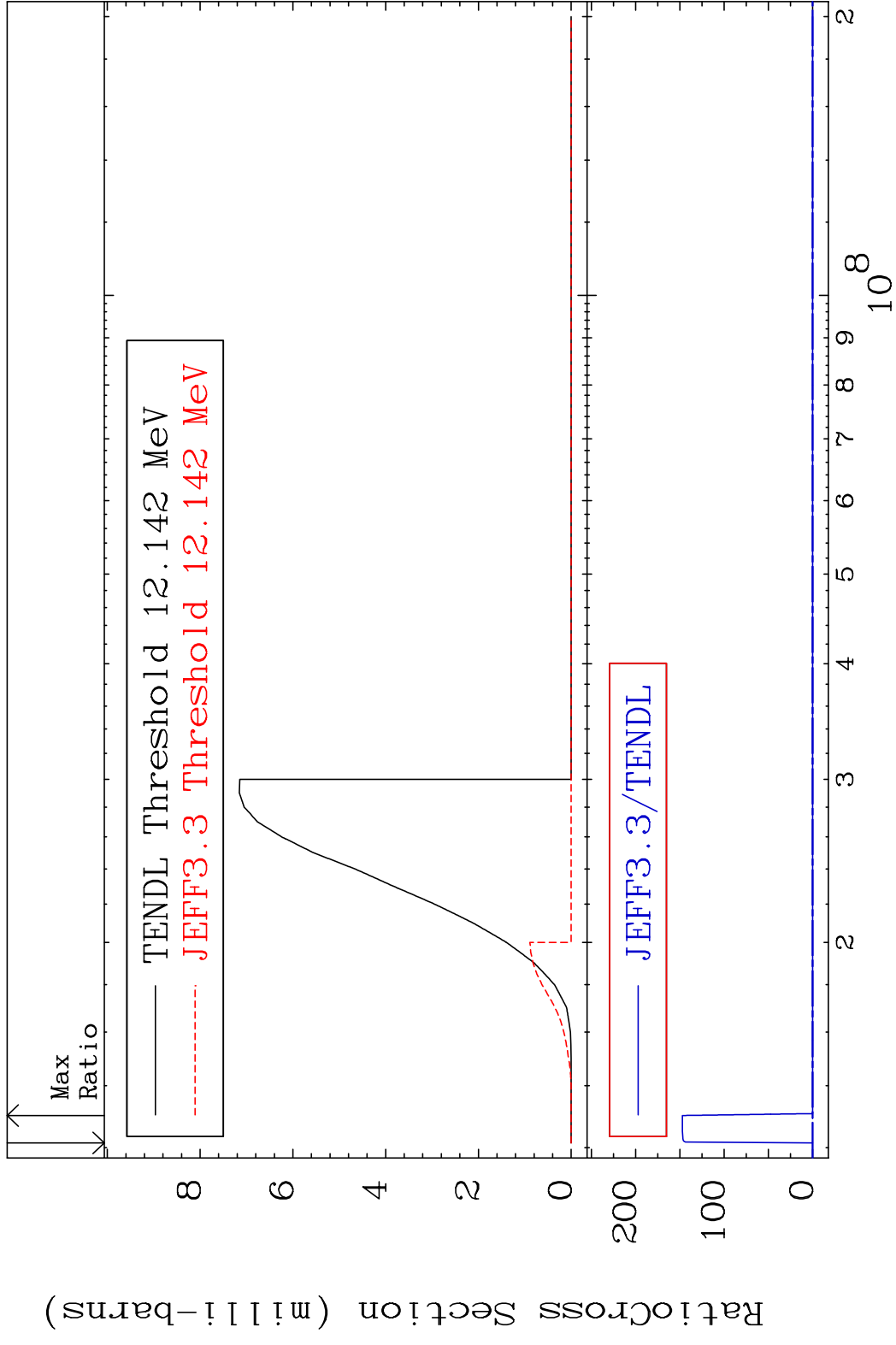
Incident Energy (eV)

²⁶Fe-56

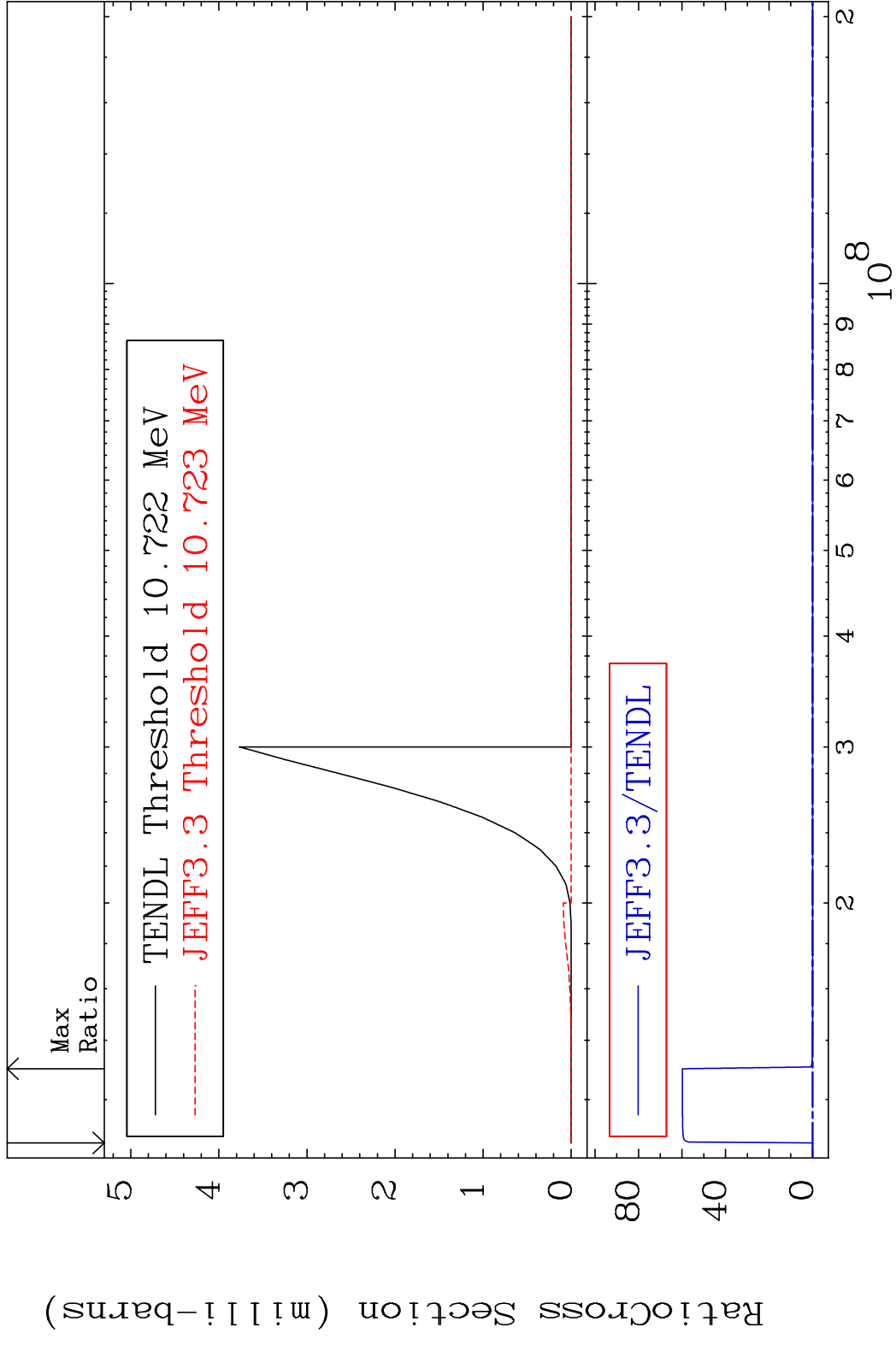
MAT 2631 (n,d) 26-Fe-56
 Cross Section -100.0 To 9999. %



MAT 2631 (n, t) 26-Fe-56
 Cross Section -100.0 To 9999. %



MAT 2631 (n, He-3) ²⁶Fe-56
 Cross Section -100.0 To 9999. %

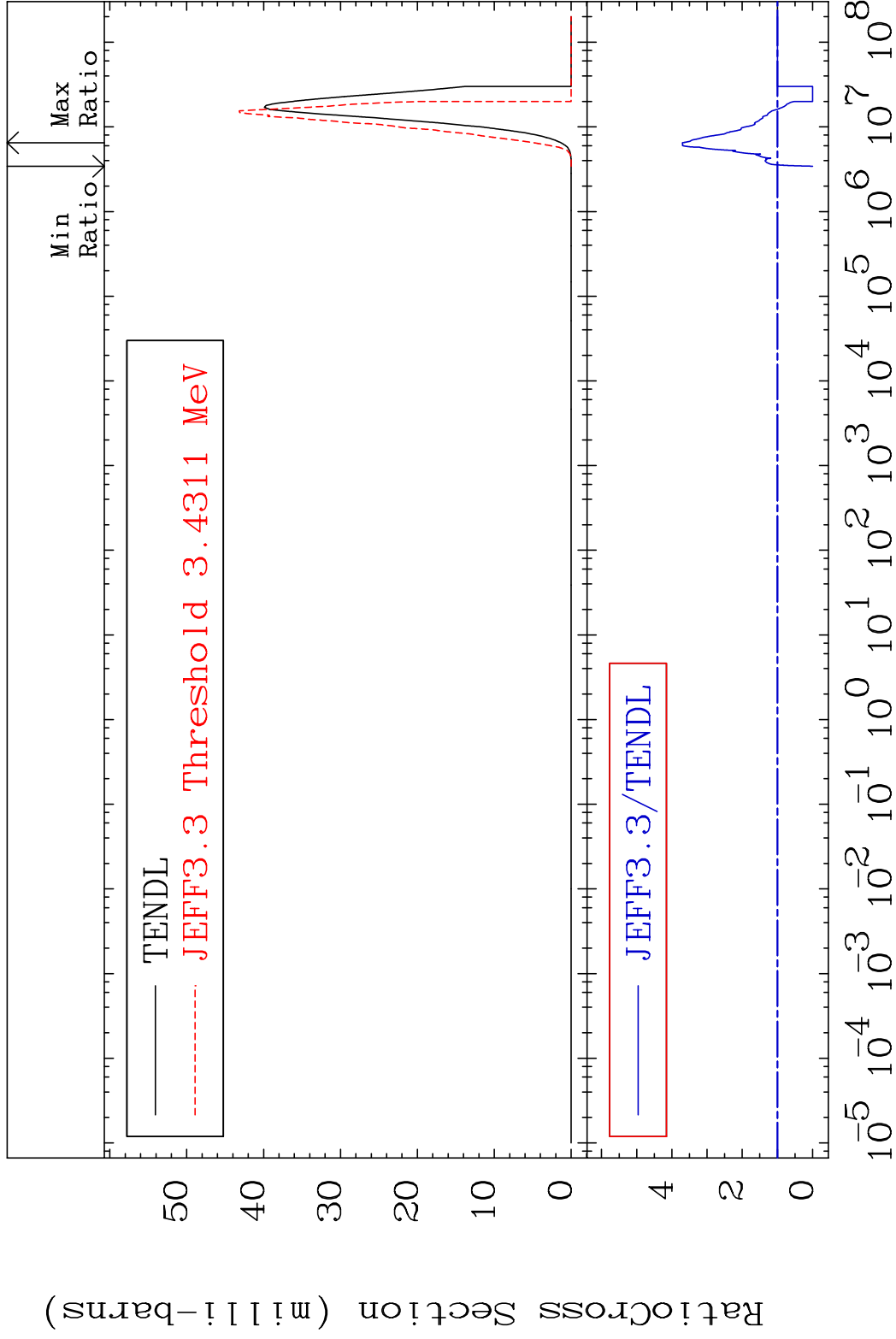


MAT 2631

(n, α)

²⁶Fe-56

Cross Section -100.0 To 270.2 %

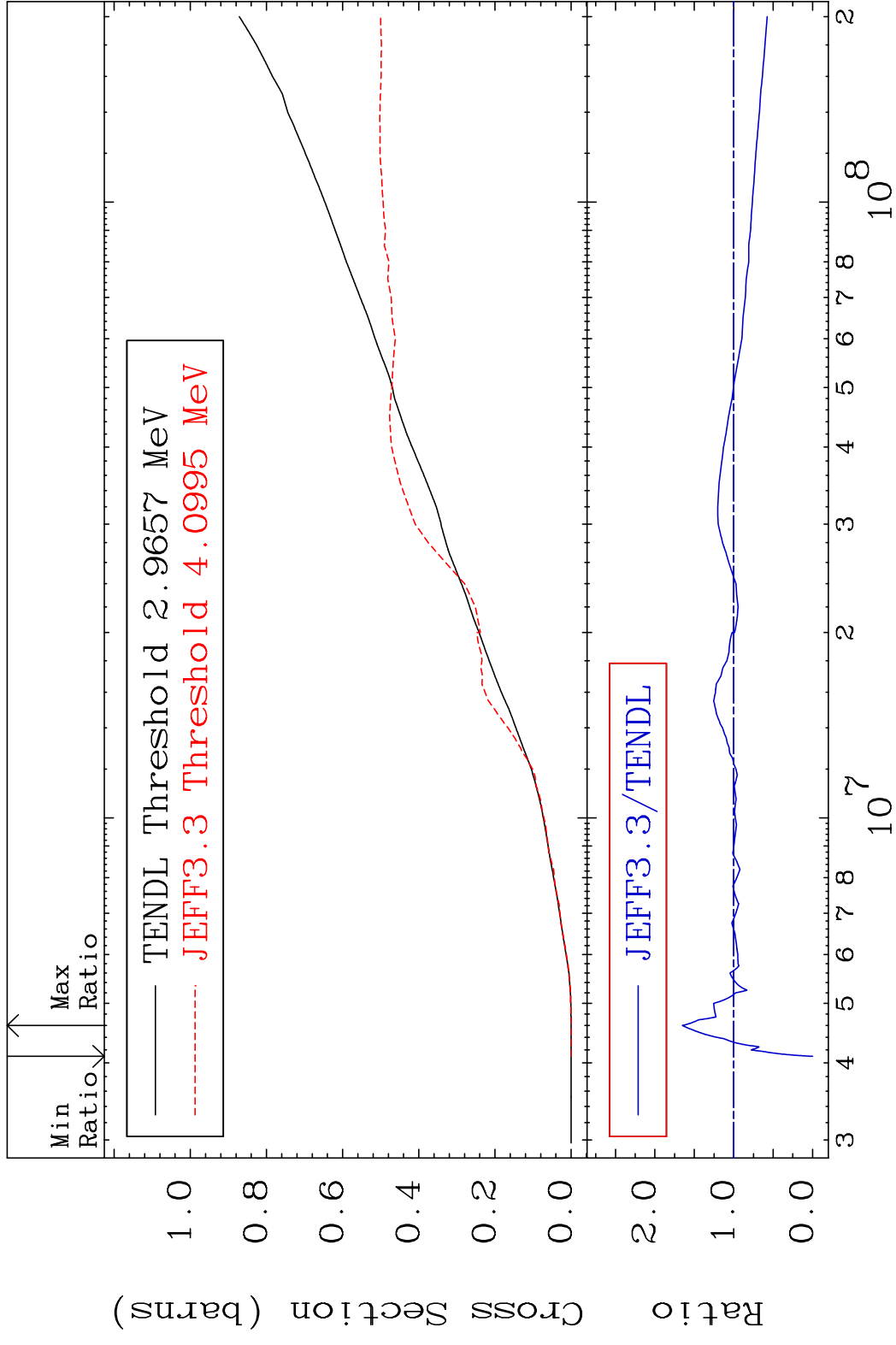


34

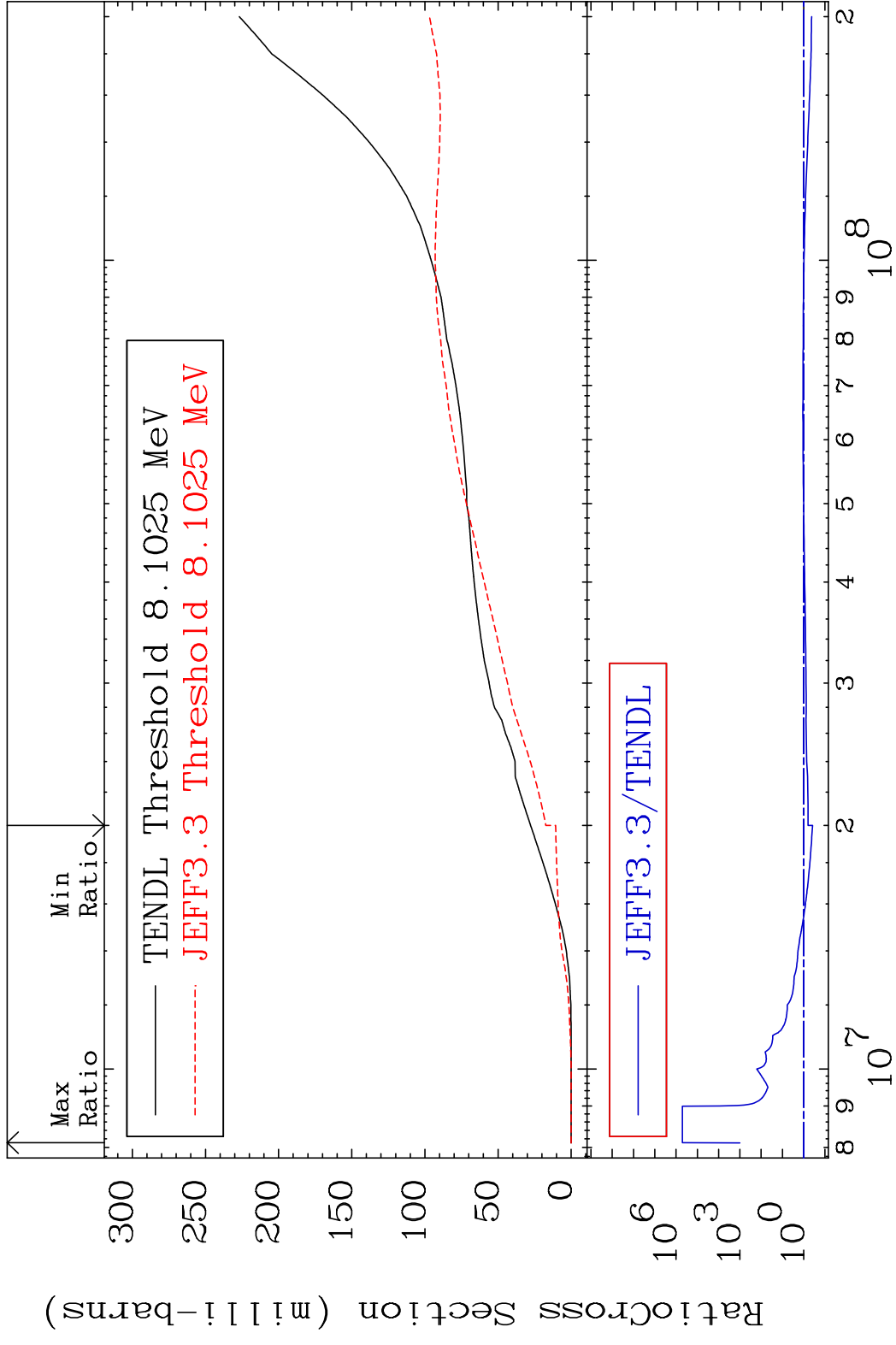
Incident Energy (eV)

²⁶Fe-56

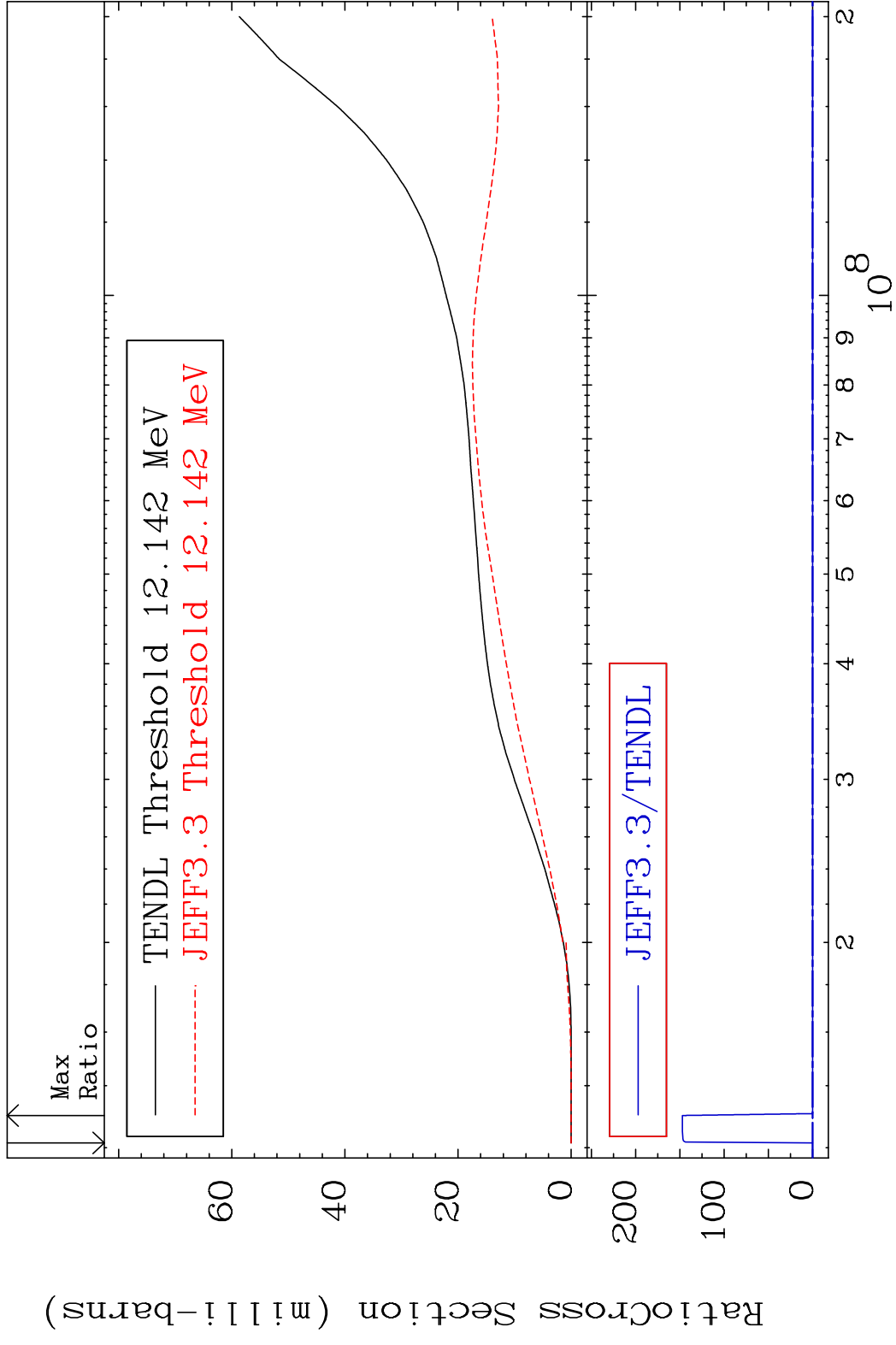
MAT 2631 Hydrogen Production ²⁶Fe-56
 Cross Section -100.0 To 65.16 %



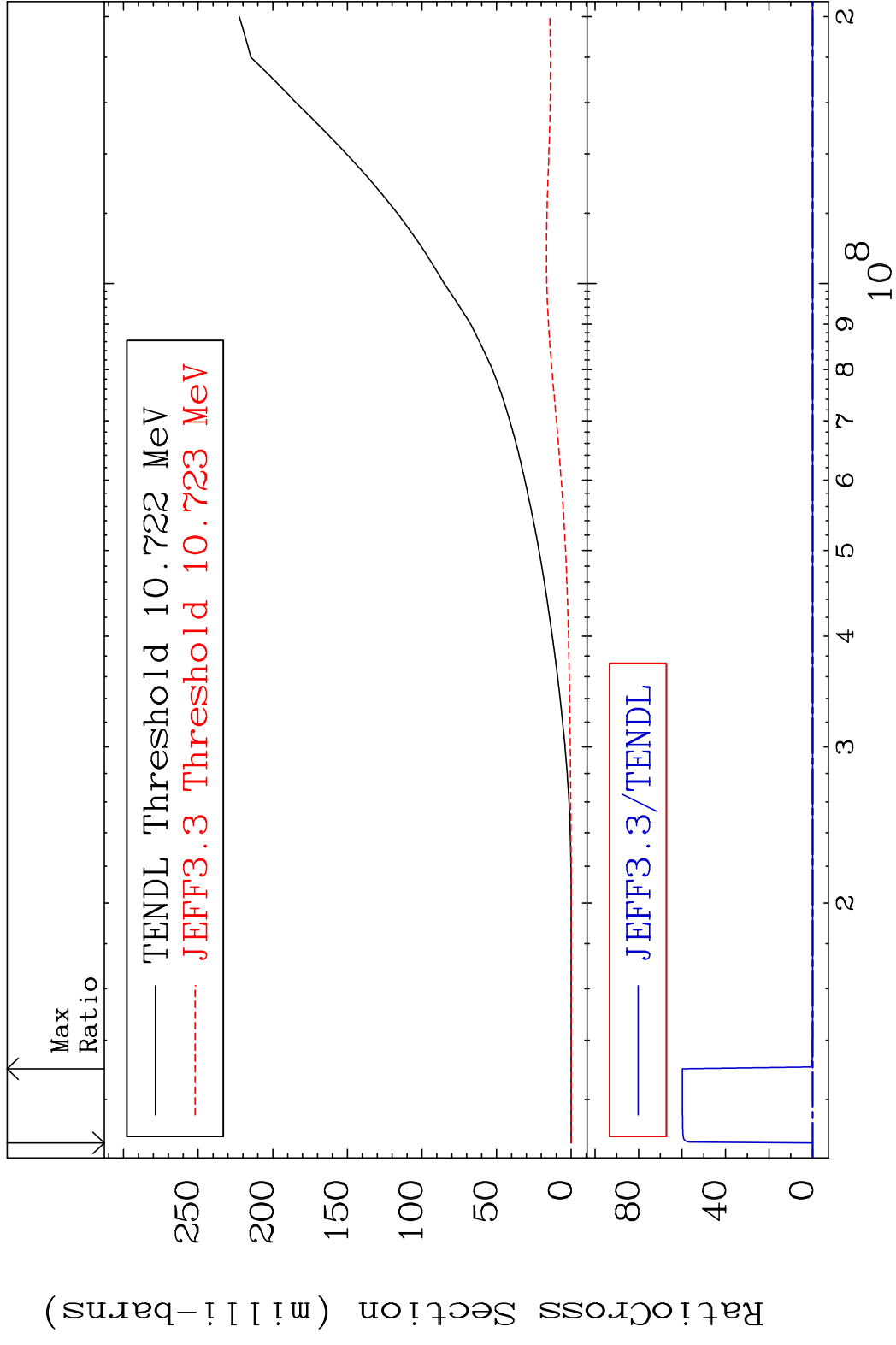
MAT 2631 Deuterium Production ²⁶Fe-56
 Cross Section -61.52 To 9999. %



MAT 2631 Tritium Production 26-Fe-56
 Cross Section -100.0 To 9999. %



MAT 2631 He-3 Production 26-Fe-56
 Cross Section -100.0 To 9999. %

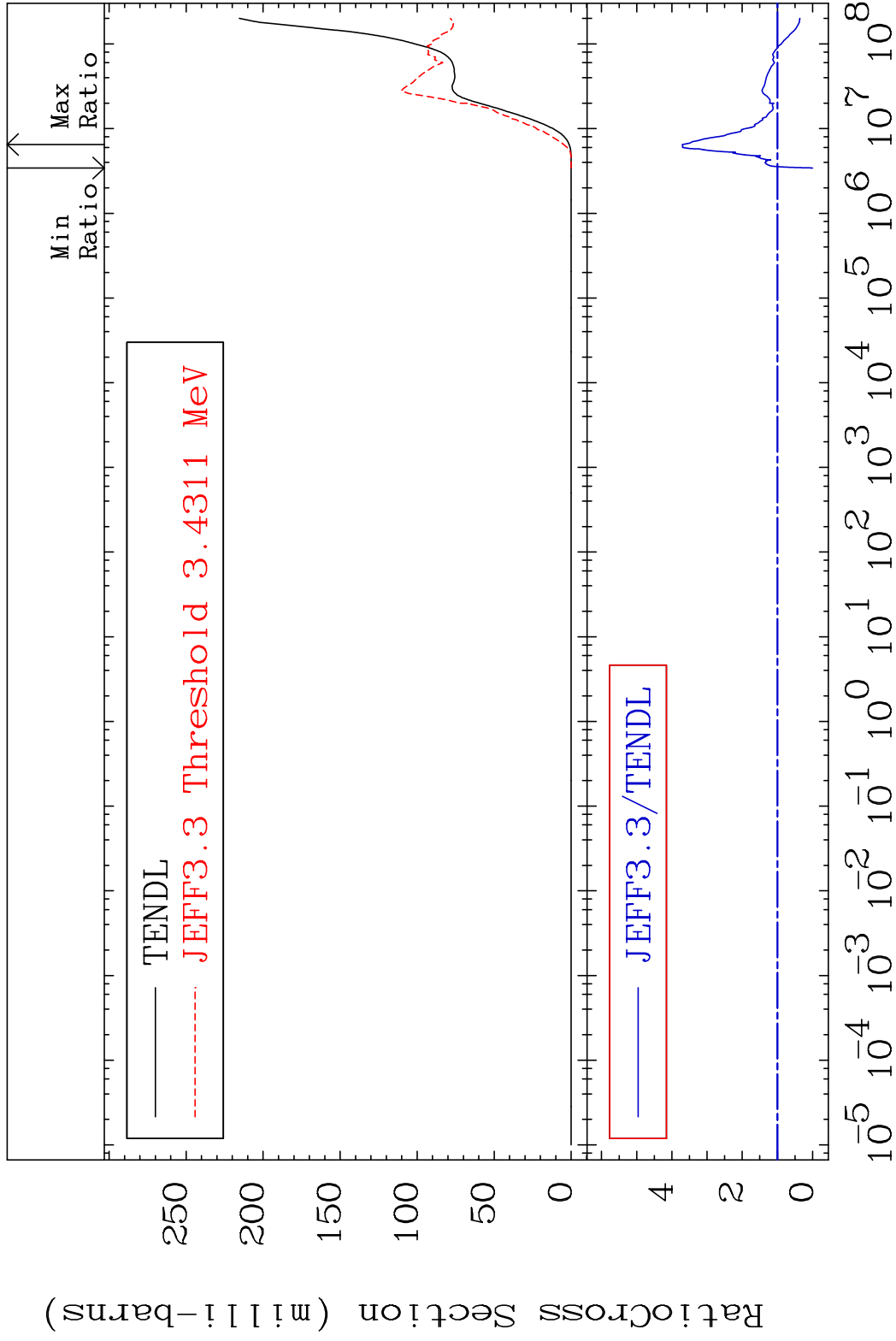


MAT 2631

He-4 Production

²⁶Fe-56

Cross Section -100.0 To 270.2 %

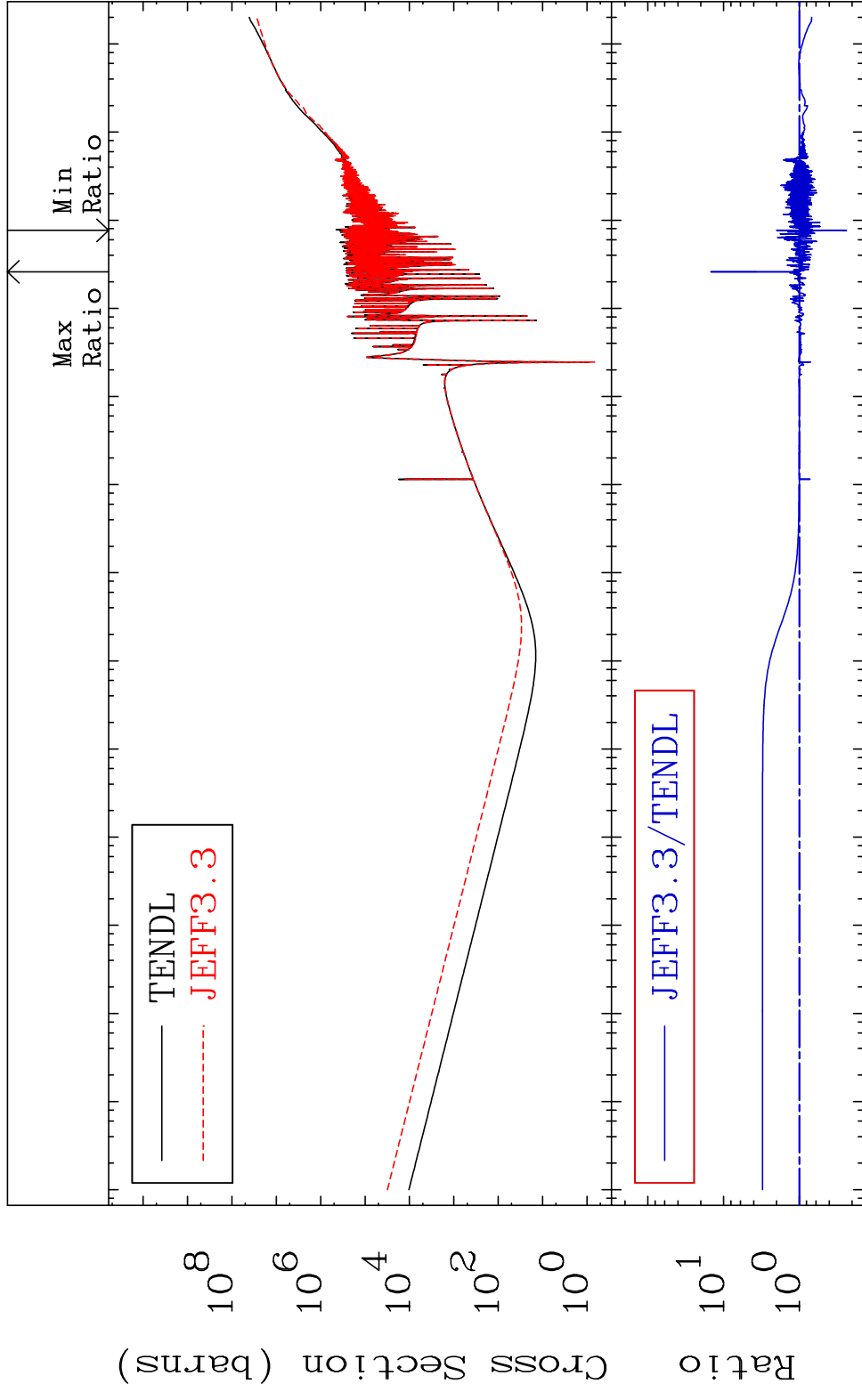


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Incident Energy (eV)

²⁶Fe-56

MAT 2631 Kerma total (eV-barns) 26-Fe-56
 Cross Section -76.12 To 1377. %

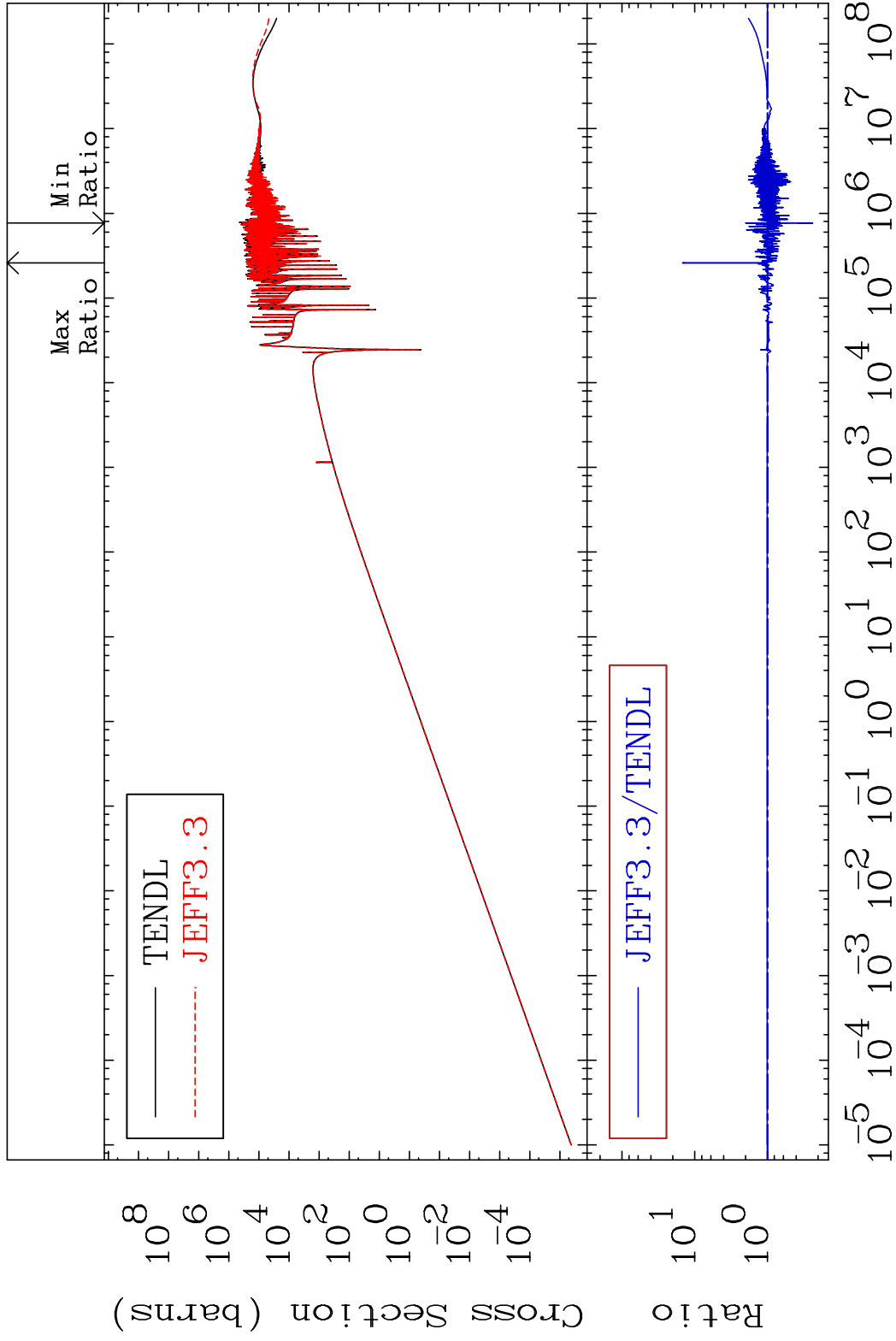


40 Incident Energy (eV) 26-Fe-56

MAT 2631

Kerma elastic
Cross Section

26-Fe-56
-76.12 To 1377. %

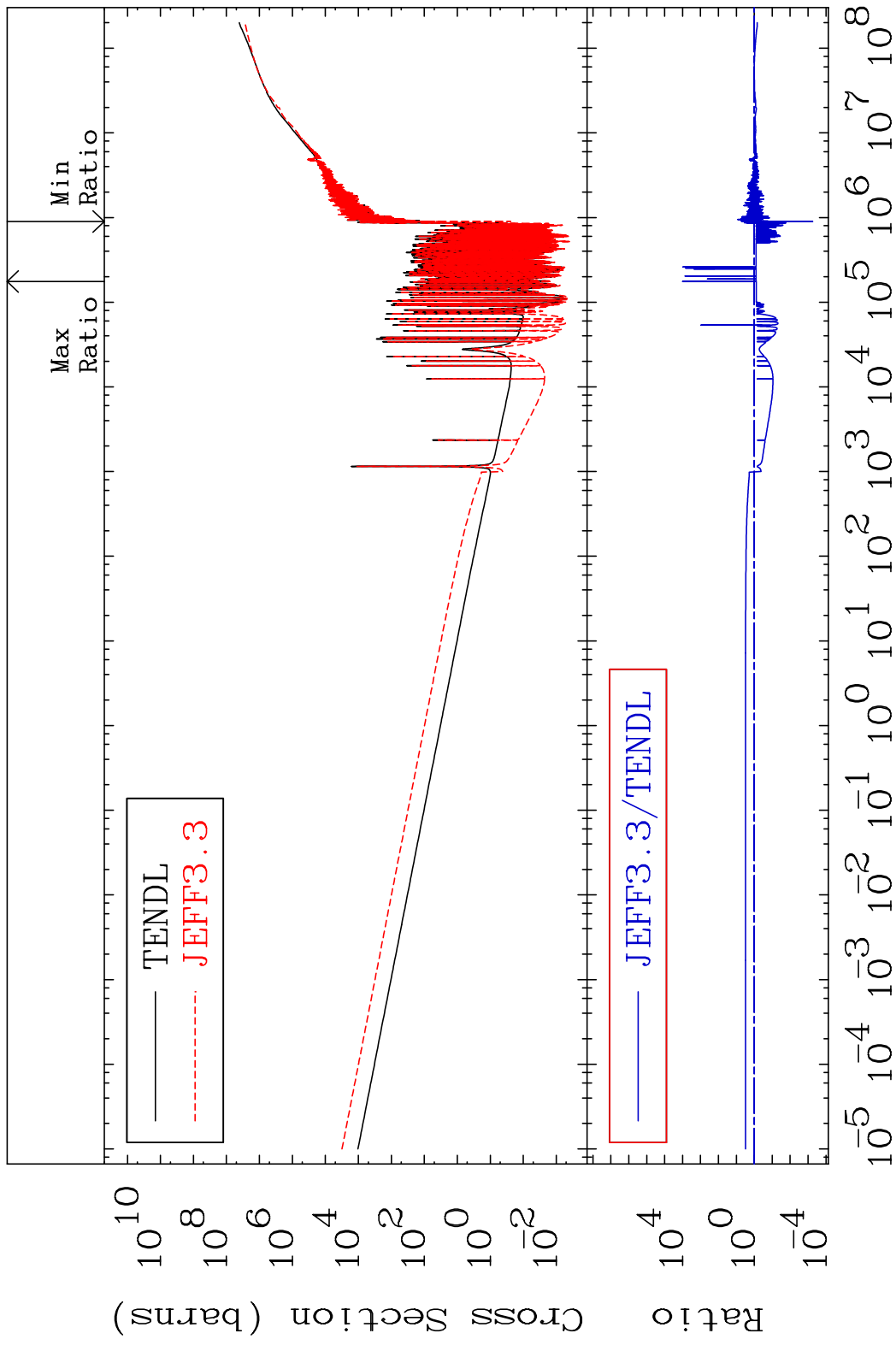


41

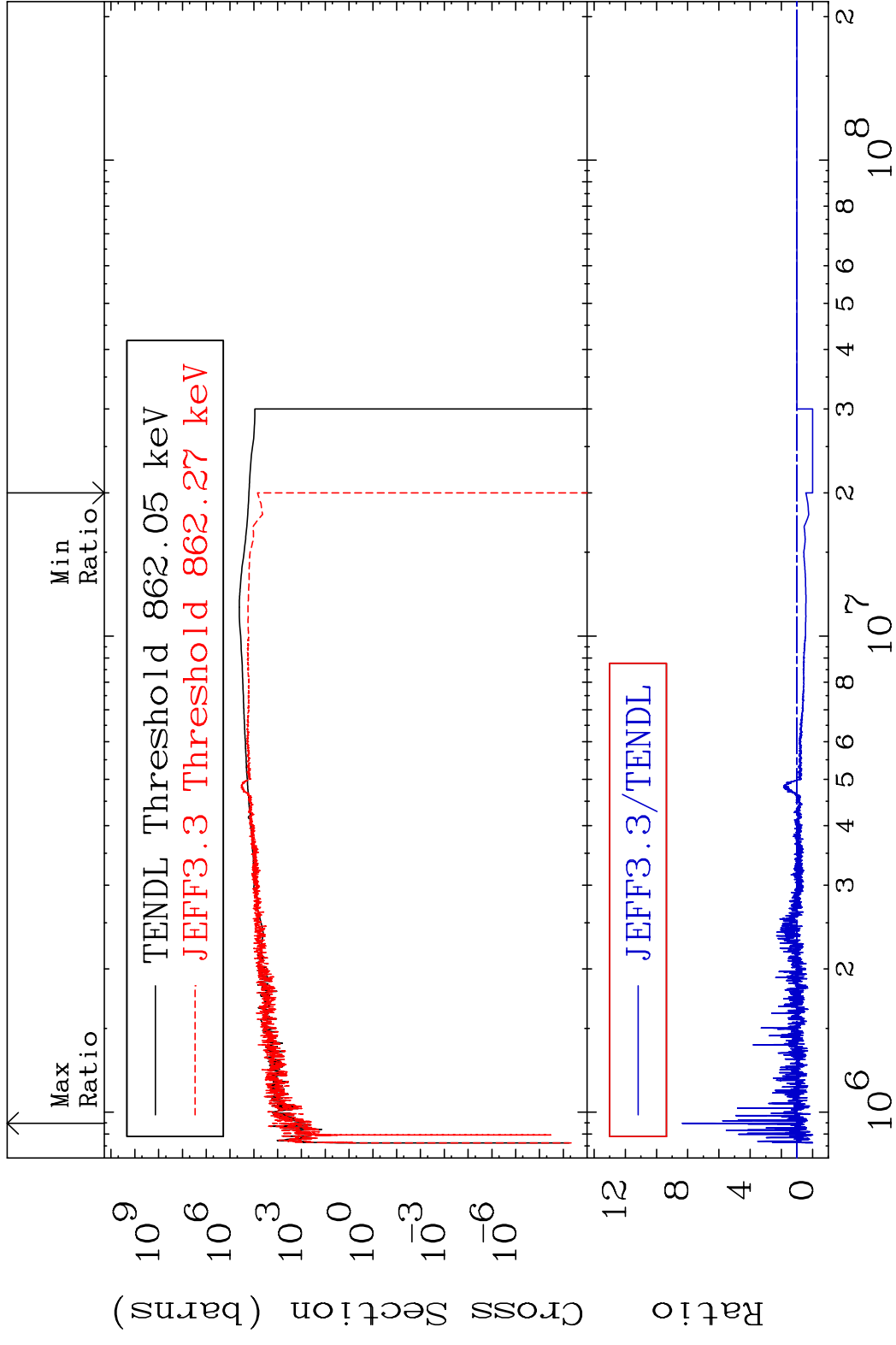
Incident Energy (eV)

26-Fe-56

MAT 2631 Kerma non-elastic (all but mt2) 26-Fe-56
 Cross Section -99.94 To 9999. %

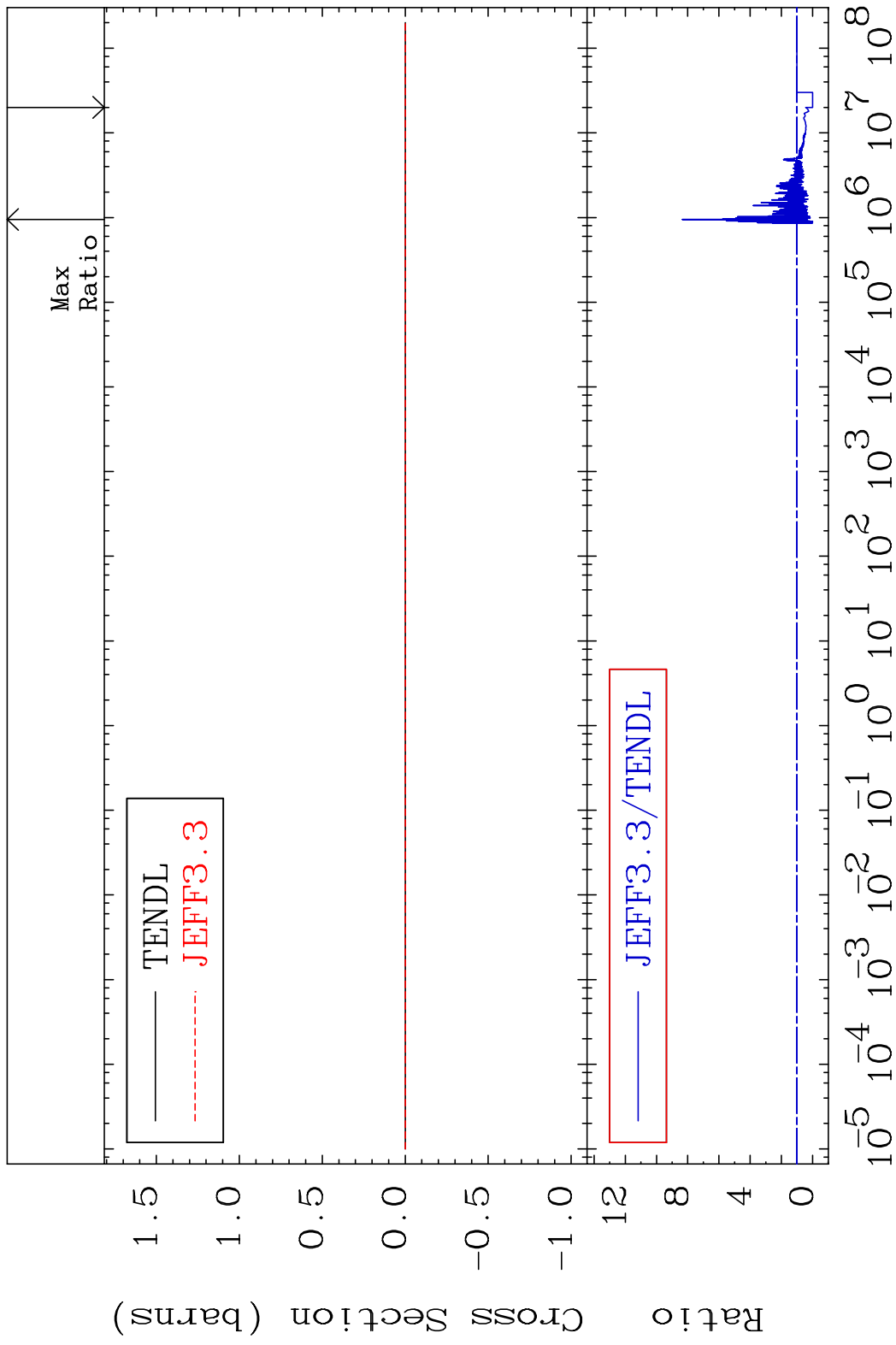


MAT 2631 Kerma inelastic (mt51-91) 26-Fe-56
 Cross Section -100.0 To 734.5 %

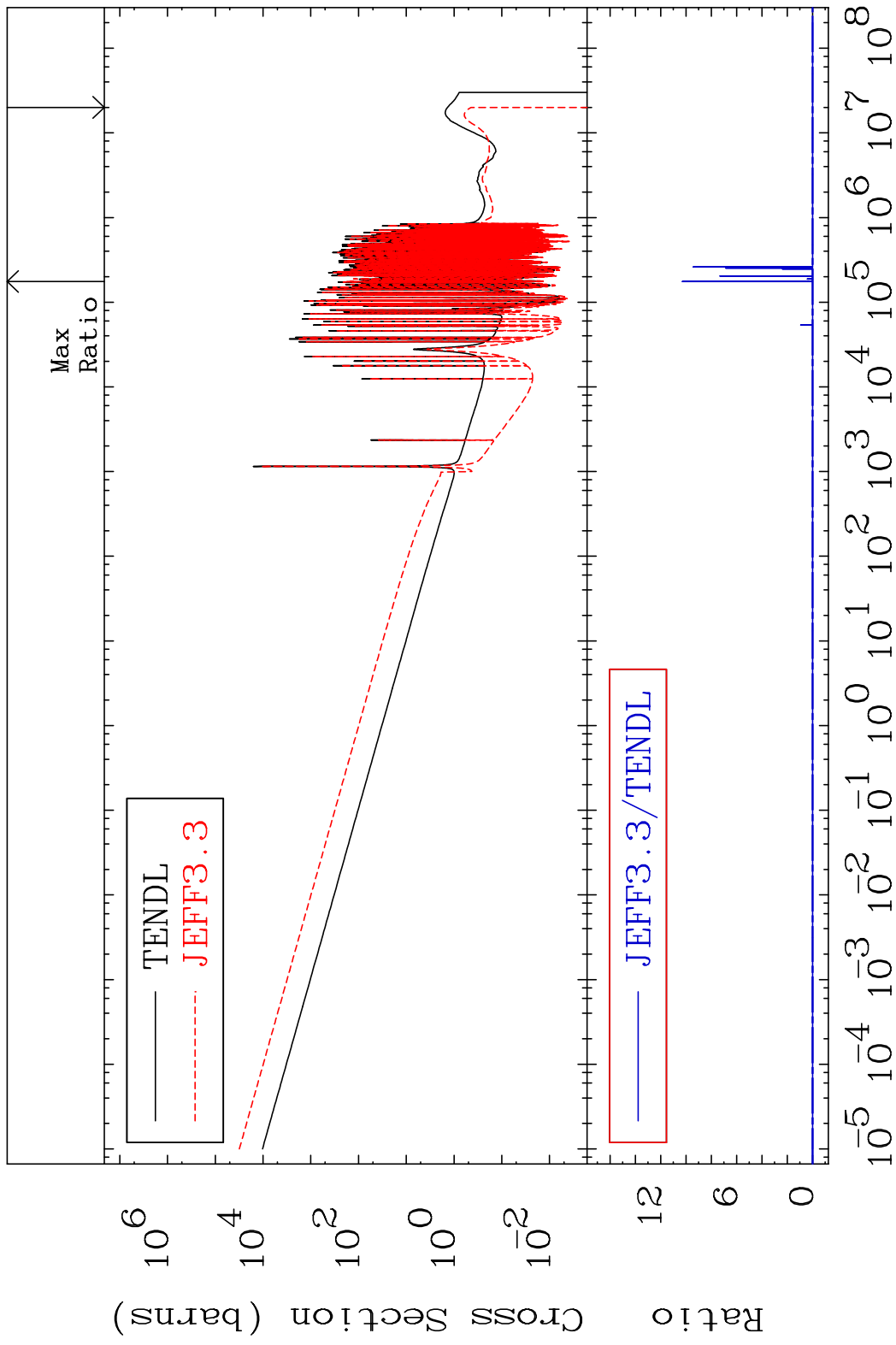


43 Incident Energy (eV) 26-Fe-56

MAT 2631 Kerma fission (mt18 or mt19-20-21-38) 26-Fe-56
 Cross Section -100.0 To 734.5 %

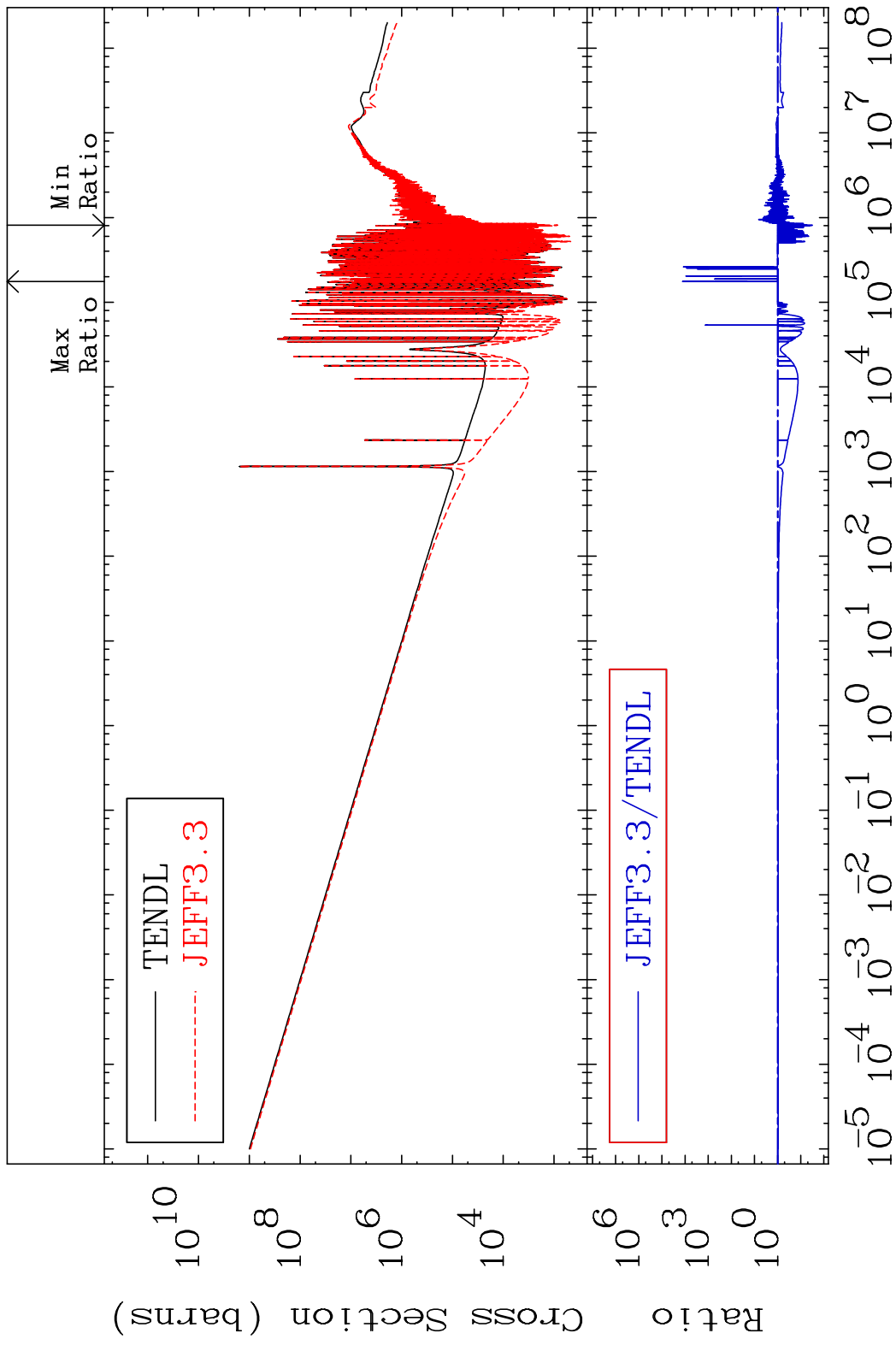


MAT 2631 Kerma capture (mt102) 26-Fe-56
 Cross Section -100.0 To 9999. %



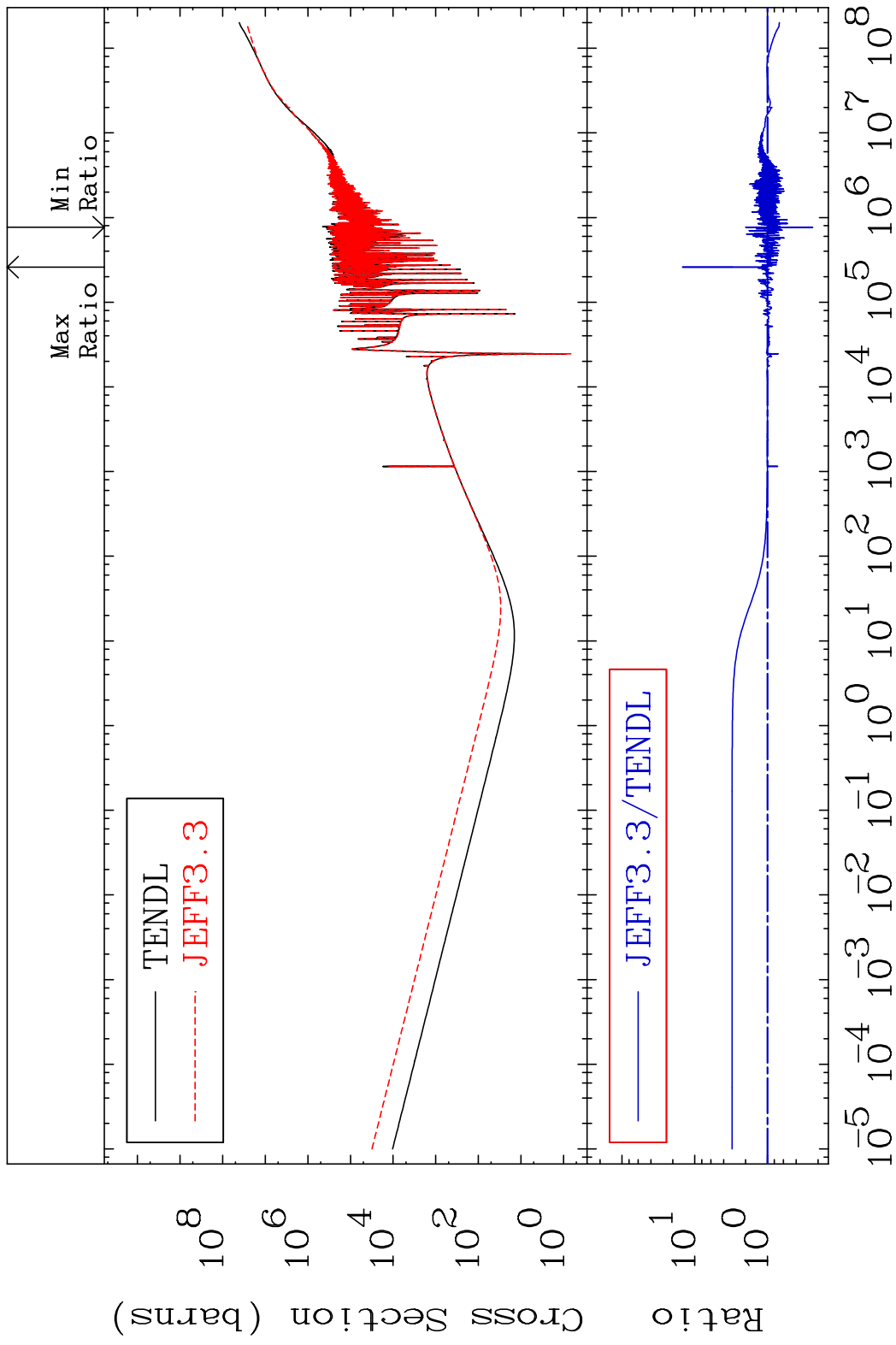
45 Incident Energy (eV) 26-Fe-56

MAT 2631 Total photon (eV-barns) 26-Fe-56
 Cross Section -96.92 To 9999. %



46 Incident Energy (eV) 26-Fe-56

MAT 2631 Total kinematic kerma (high limit) 26-Fe-56
 Cross Section -76.12 To 1377. %

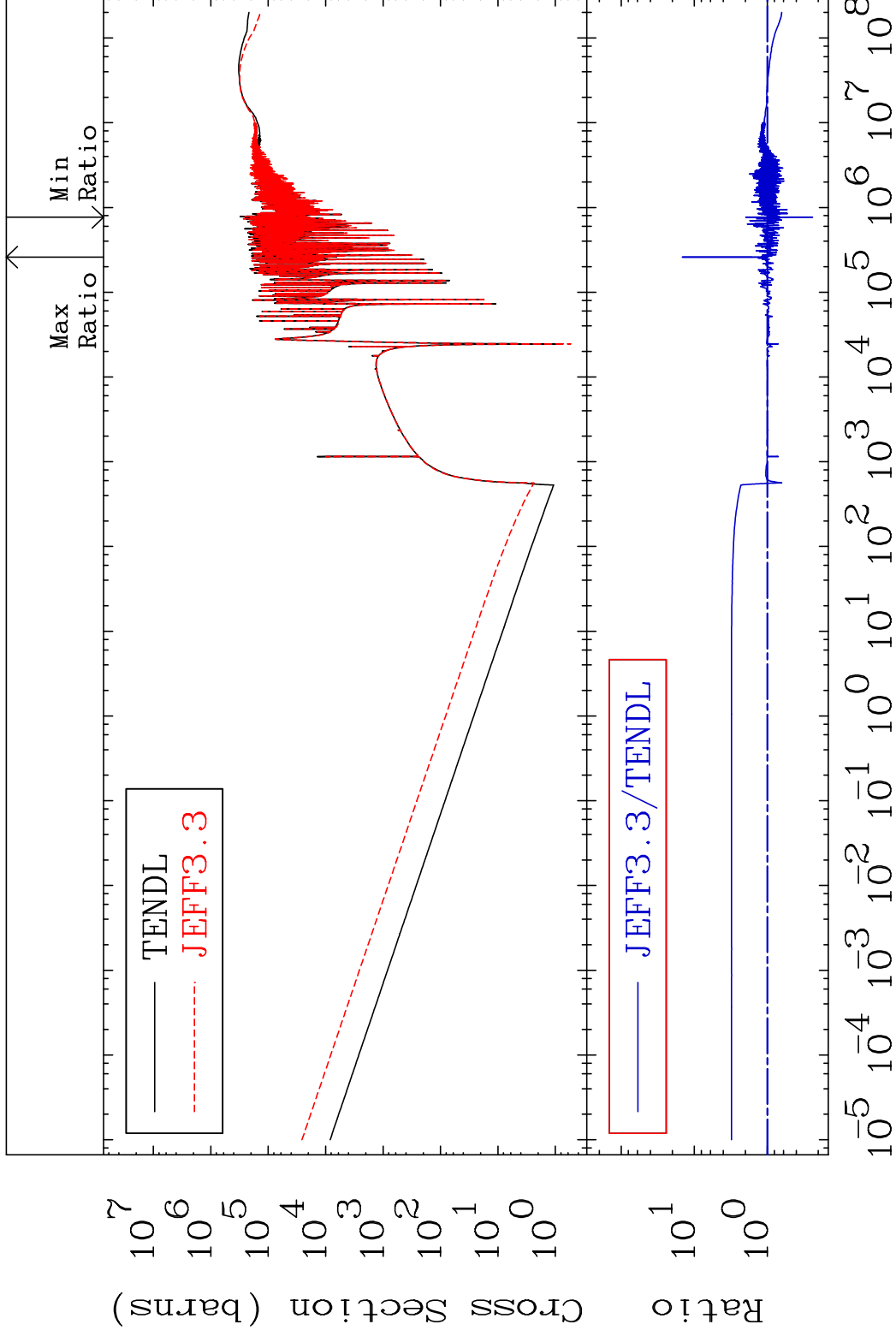


MAT 2631

Dpa total (eV-barns)

²⁶Fe-56

Cross Section -75.95 To 1368. %



48

Incident Energy (eV)

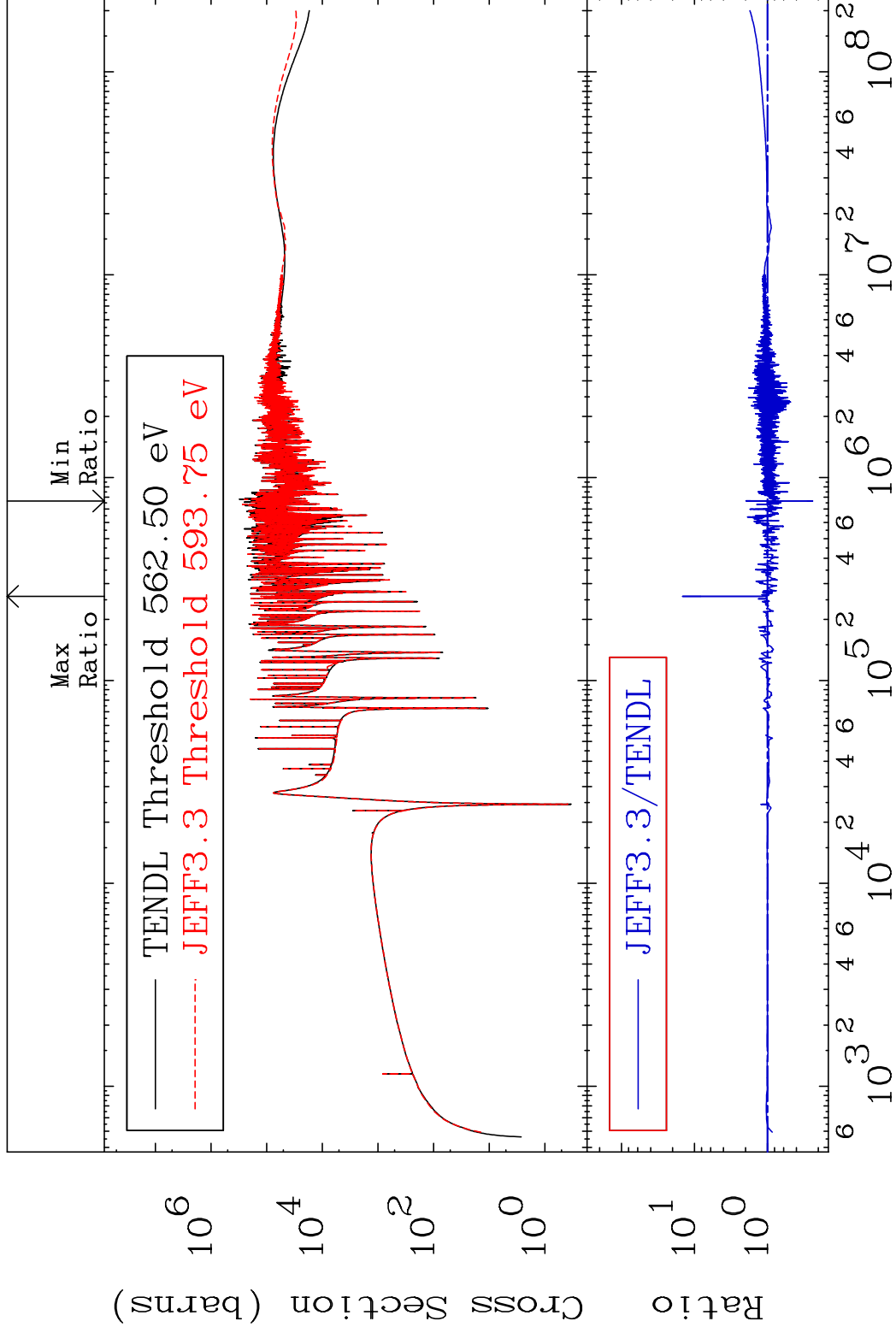
²⁶Fe-56

MAT 2631

Dpa elastic (mt2)

²⁶Fe-56

Cross Section -75.95 To 1368. %

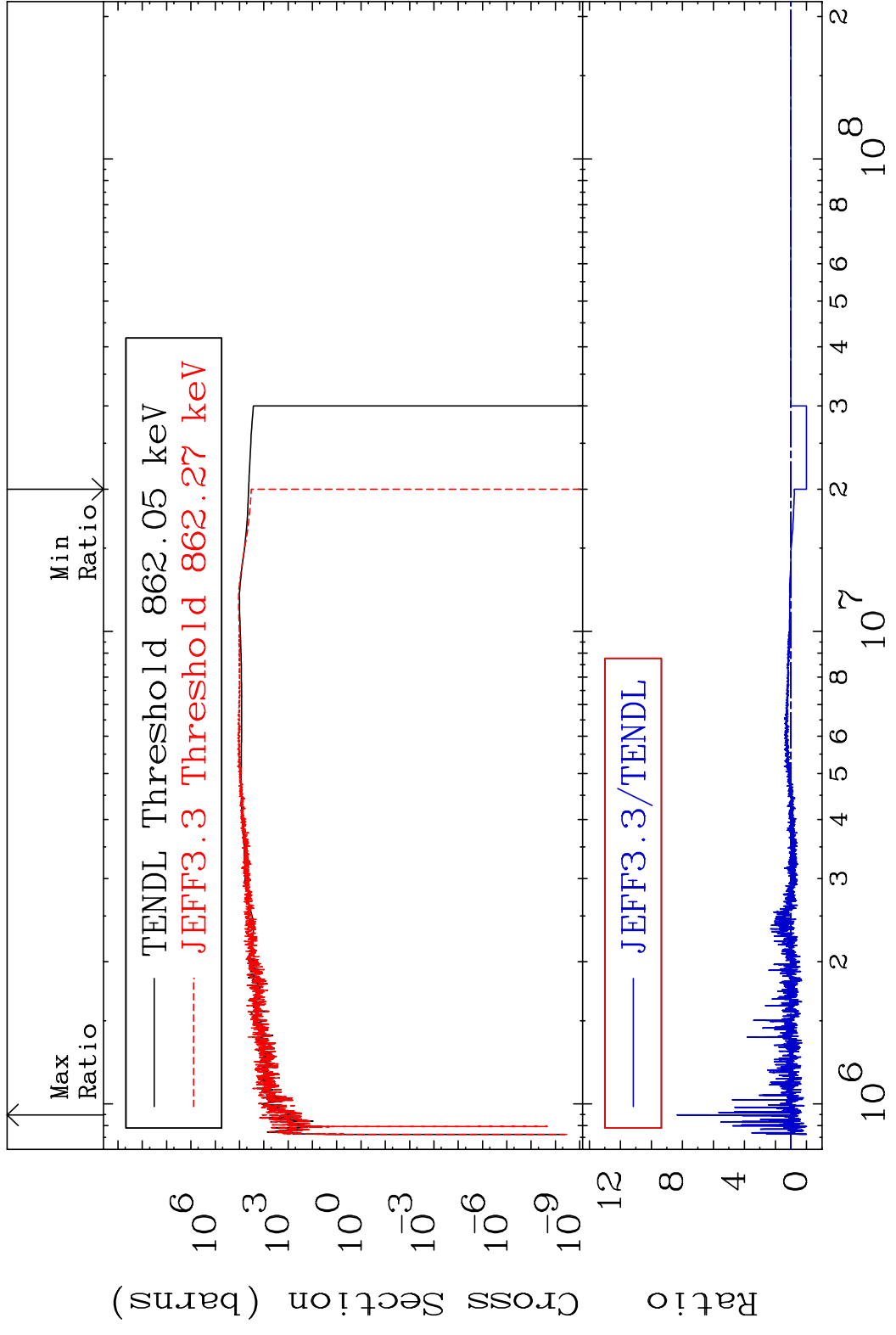


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Incident Energy (eV)

²⁶Fe-56

MAT 2631 Dpa inelastic (mt51-91) ²⁶Fe-56
 Cross Section -100.0 To 733.6 %



50 Incident Energy (eV) ²⁶Fe-56

MAT 2631 Dpa disappearance (mt102 -120) 26-Fe-56
 Cross Section -100.0 To 9999. %

