

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

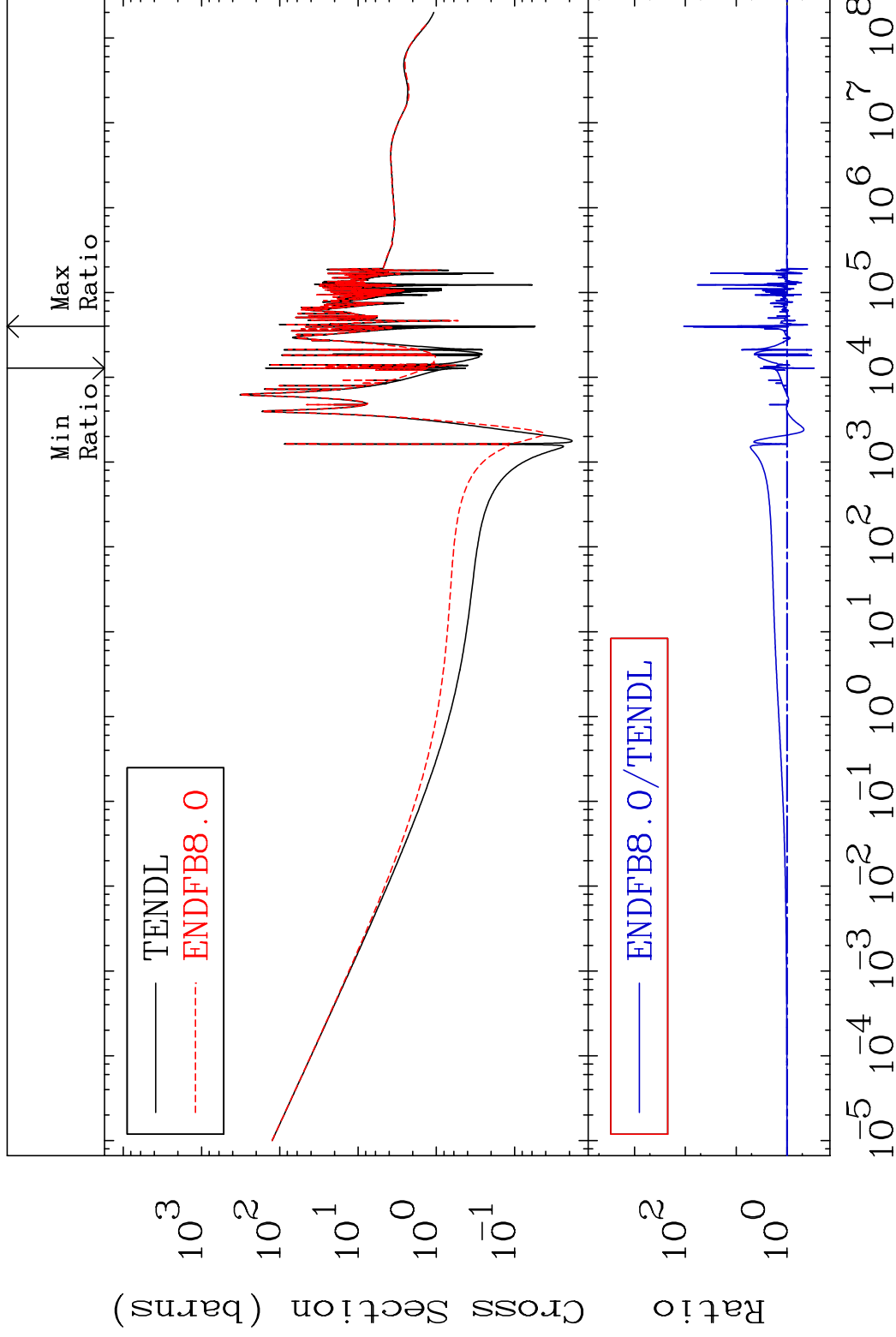
MAT 2634

Total

26-Fe-57

Cross Section

-70.70 To 9999. %



1

Incident Energy (eV)

26-Fe-57

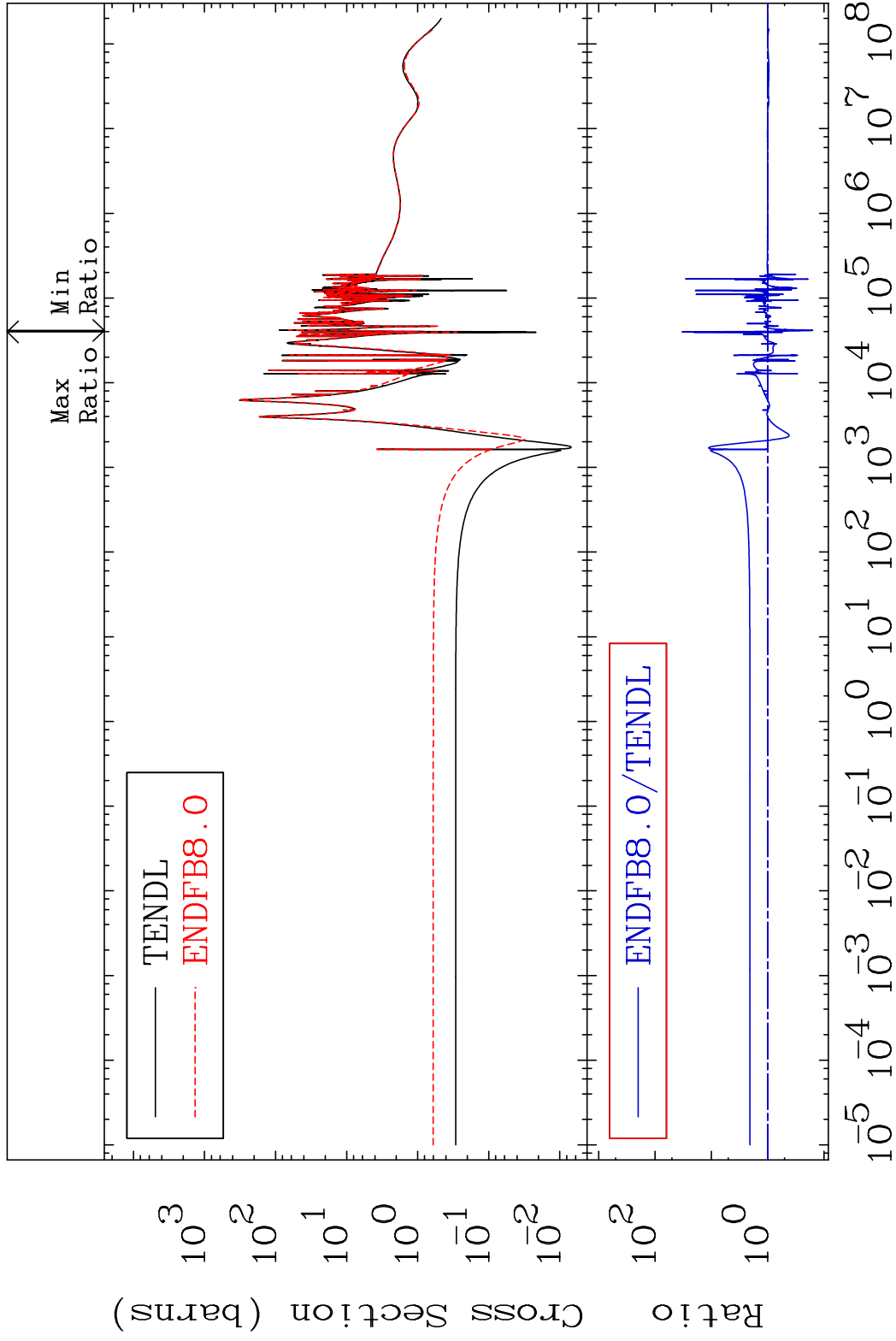
MAT 2634

Elastic

26-Fe-57

Cross Section

-84.07 To 3162. %

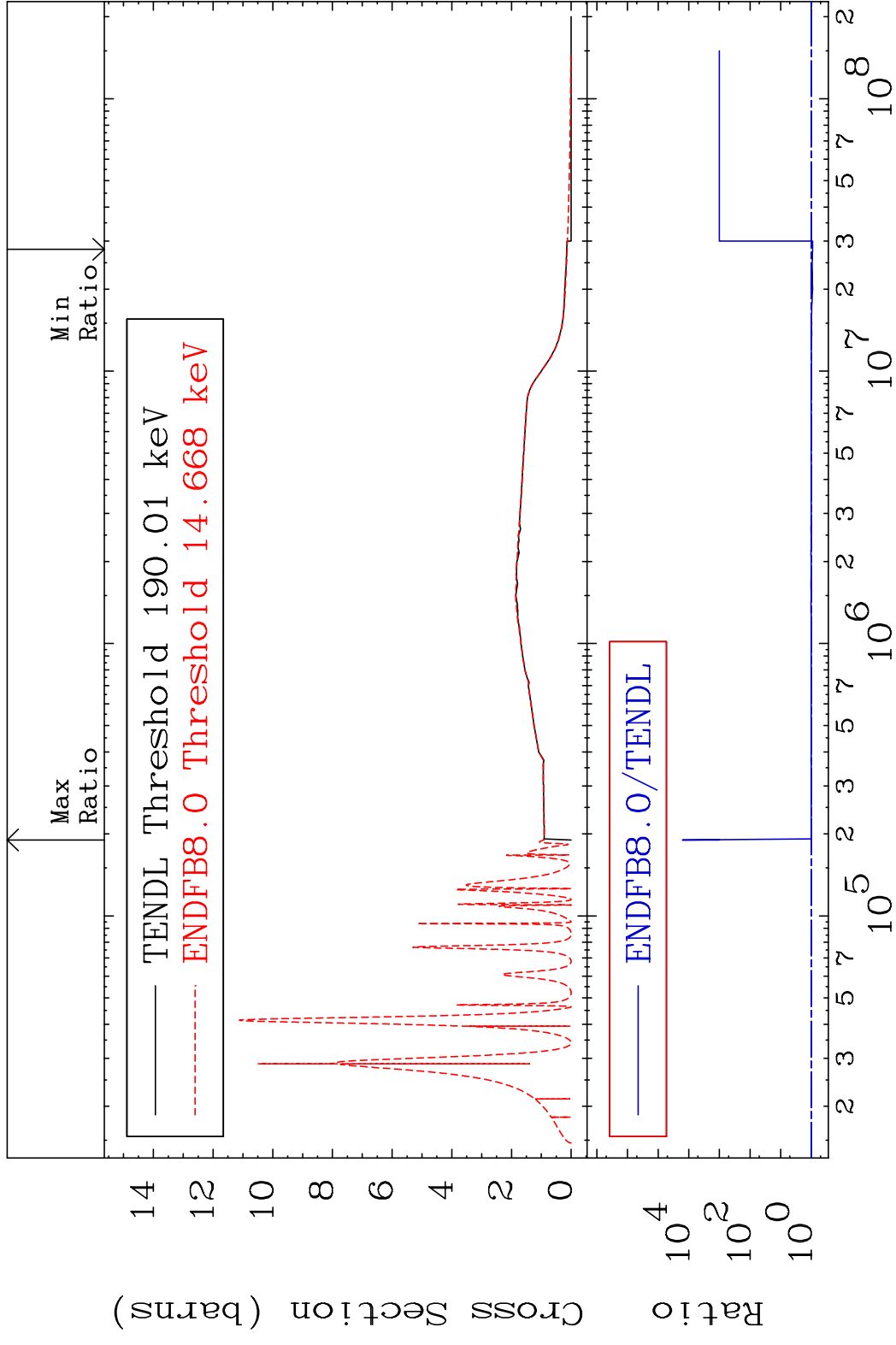


2

Incident Energy (eV)

26-Fe-57

MAT 2634 Inelastic 26-Fe-57
 Cross Section -8.875 To 9999. %



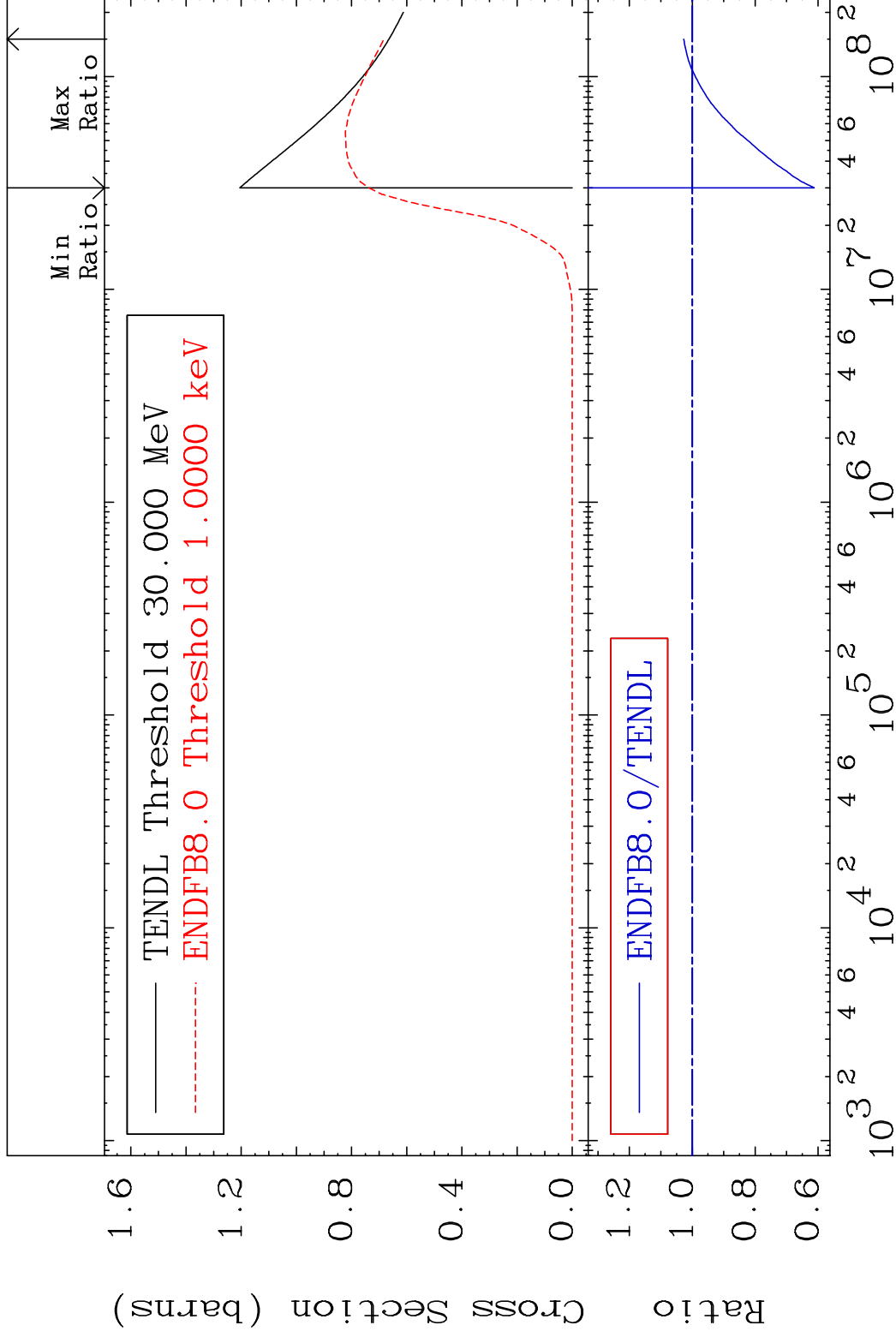
MAT 2634

(n, remainder)

²⁶Fe-57

Cross Section

-38.78 To 2.739 %

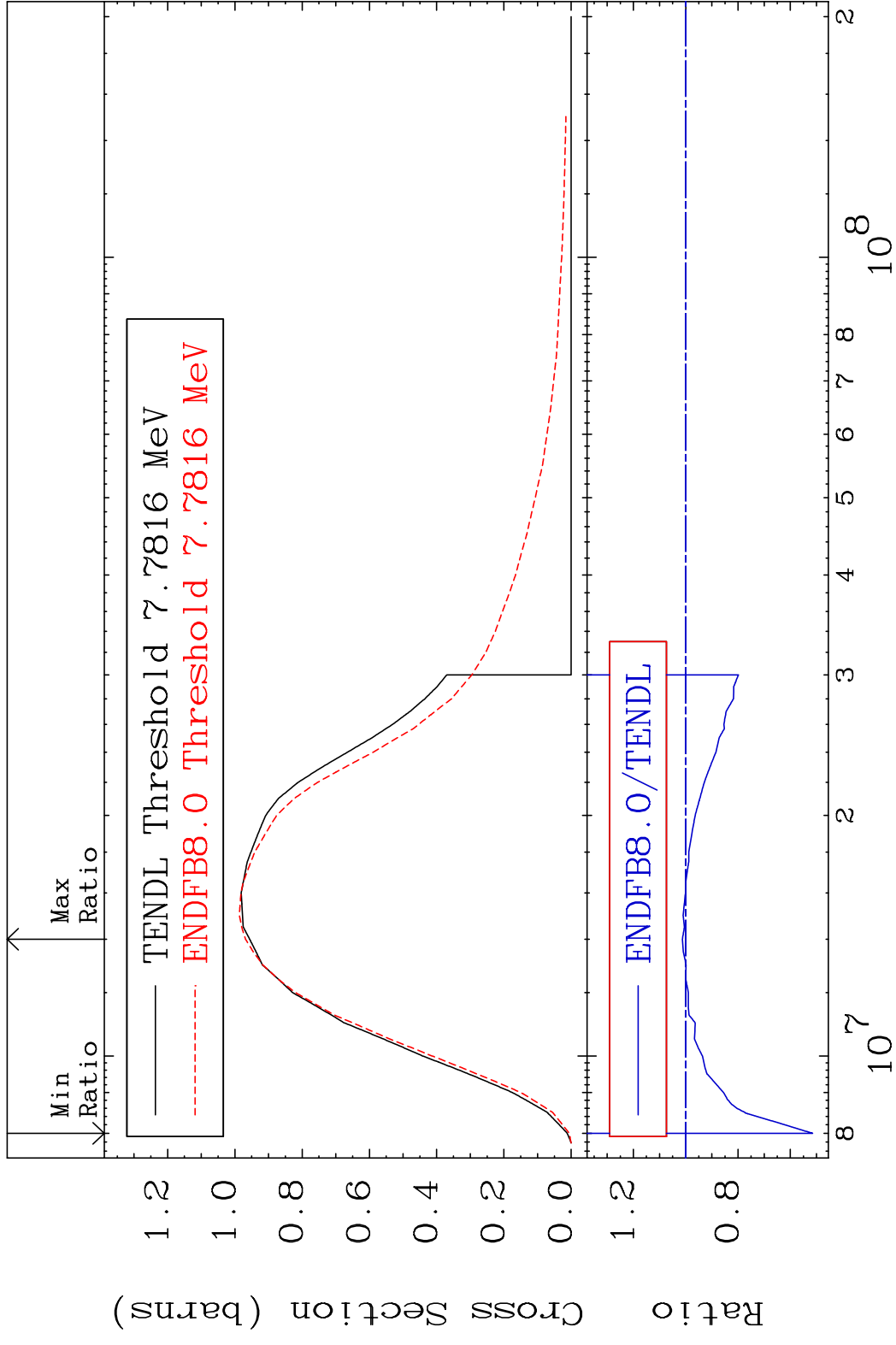


4

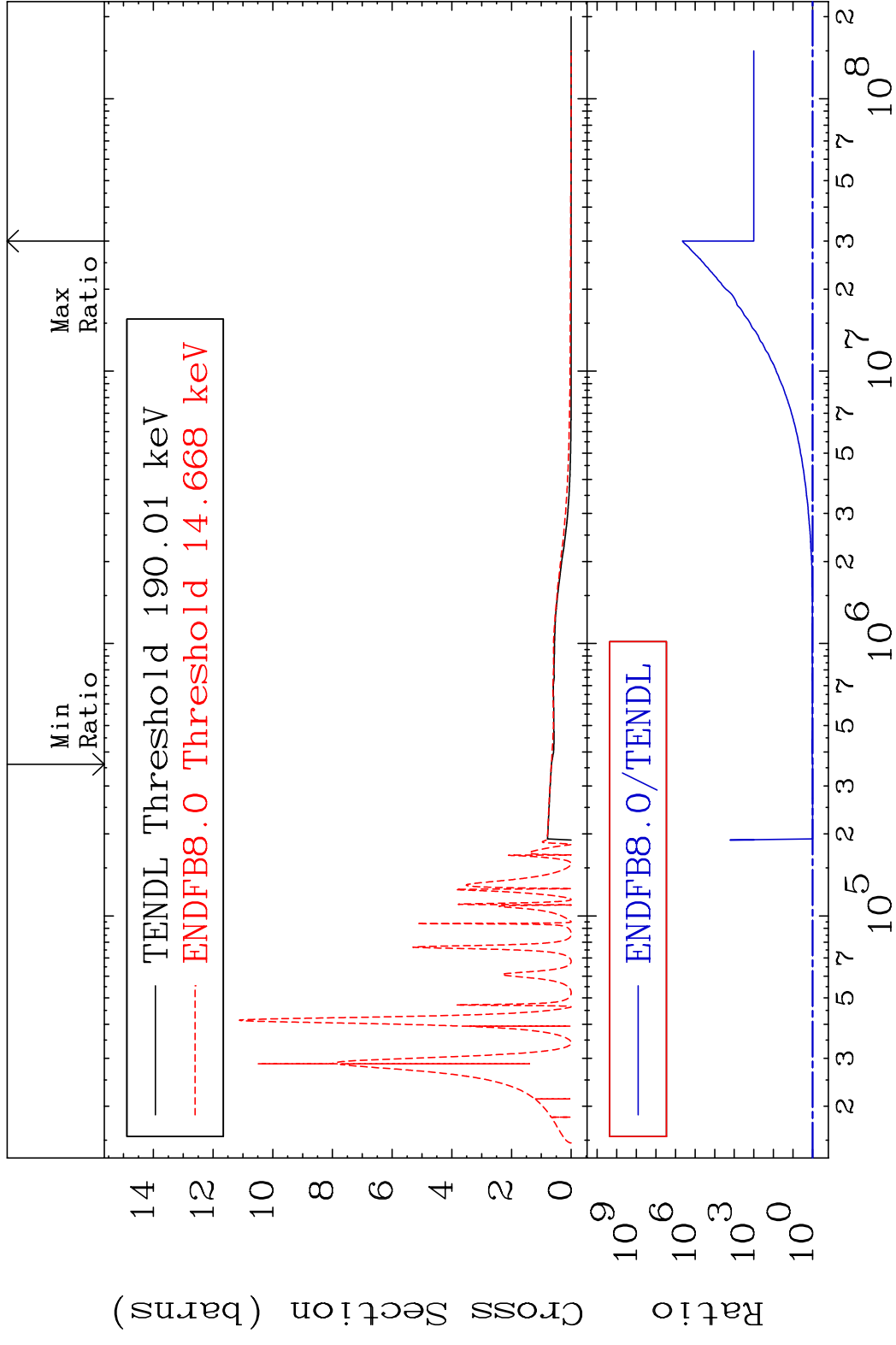
Incident Energy (eV)

²⁶Fe-57

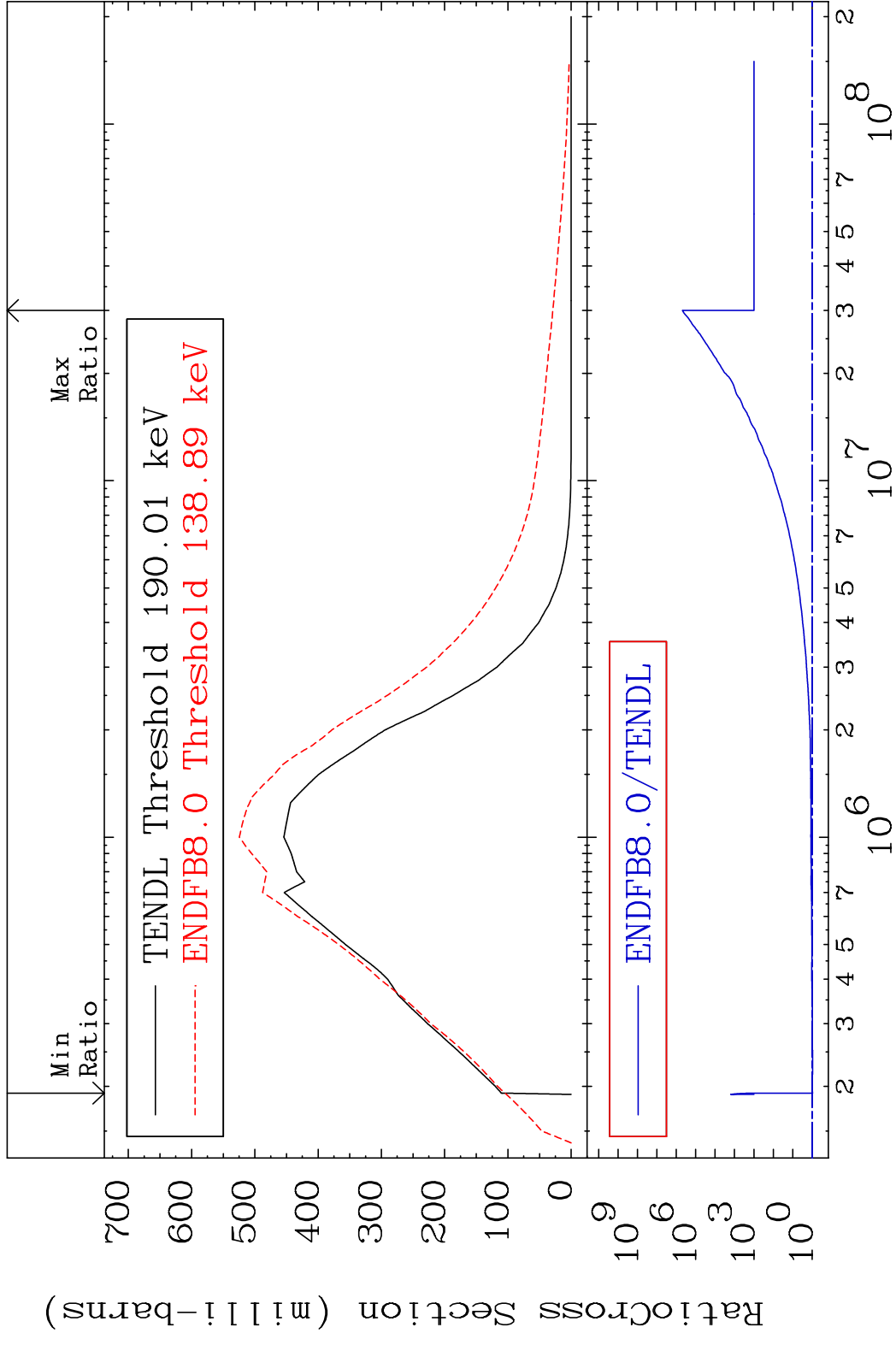
MAT 2634 (n,2n) 26-Fe-57
 Cross Section -48.50 To 1.280 %



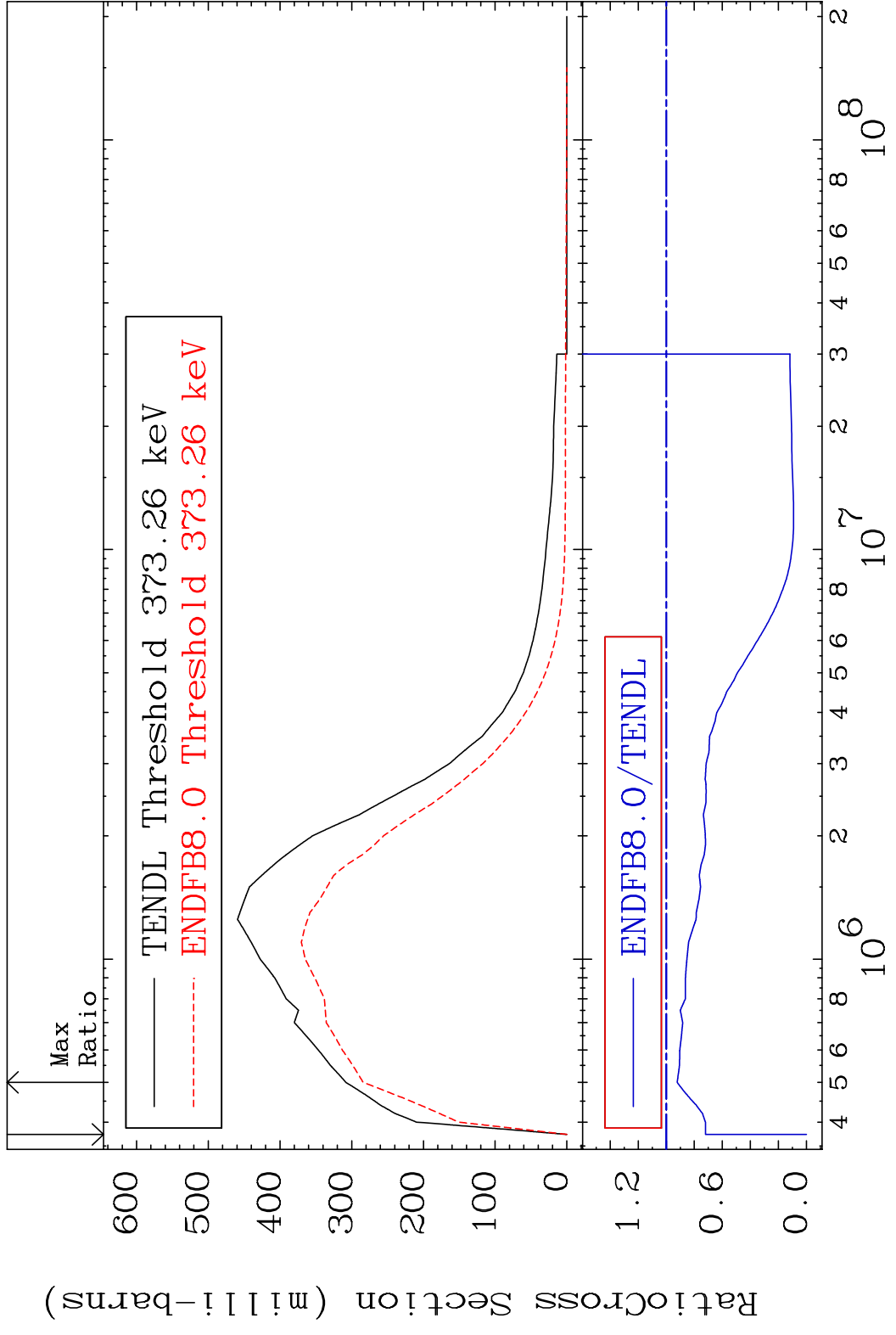
MAT 2634 MT= 51 (n, n') Level 26-Fe-57
 Cross Section 0.439 To 9999. %



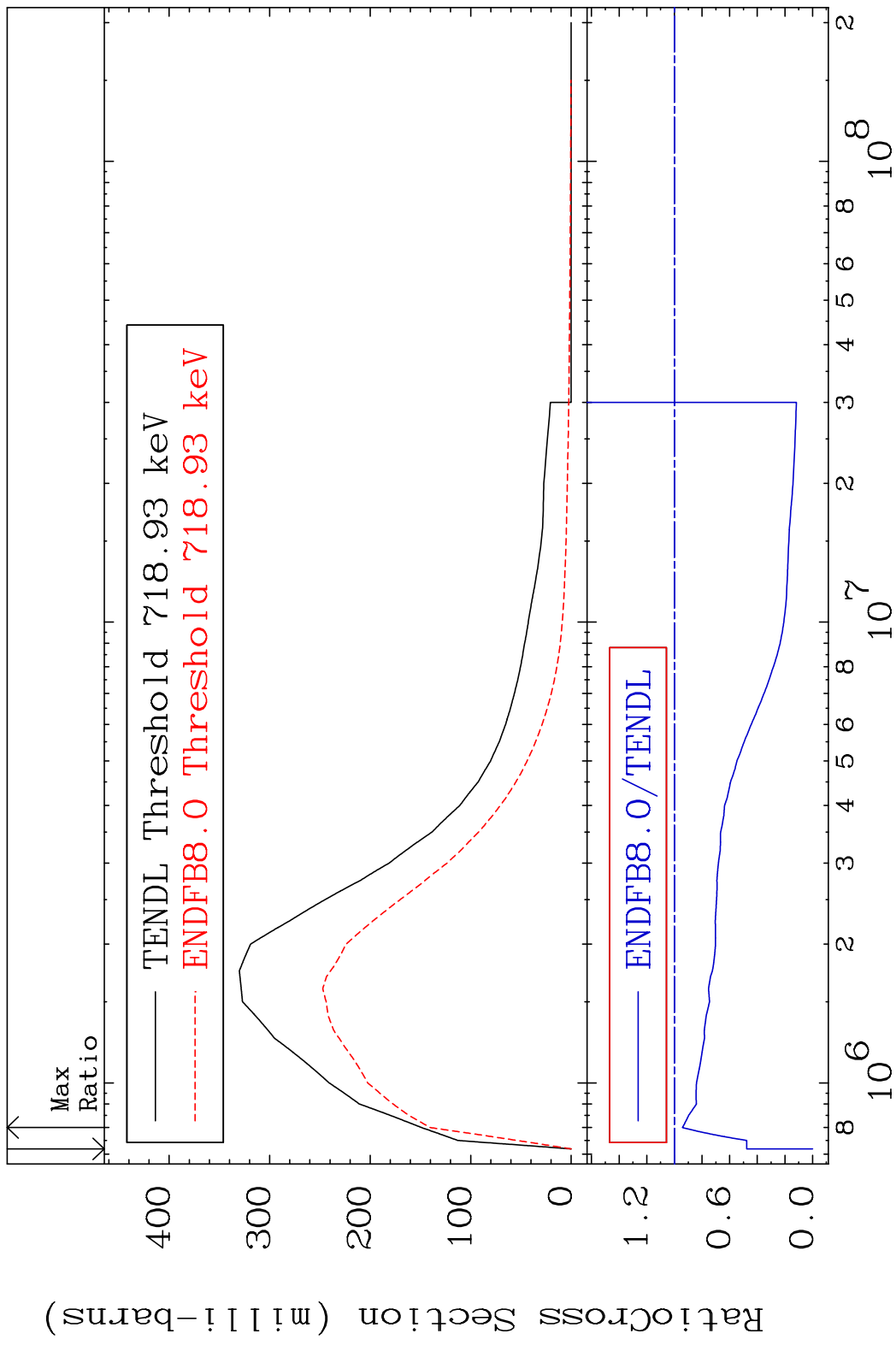
MAT 2634 MT= 52 (n,n') Level 26-Fe-57
 Cross Section -5.160 To 9999. %



MAT 2634 MT= 53 (n, n') Level 26-Fe-57
 Cross Section -100.0 To -7.791%

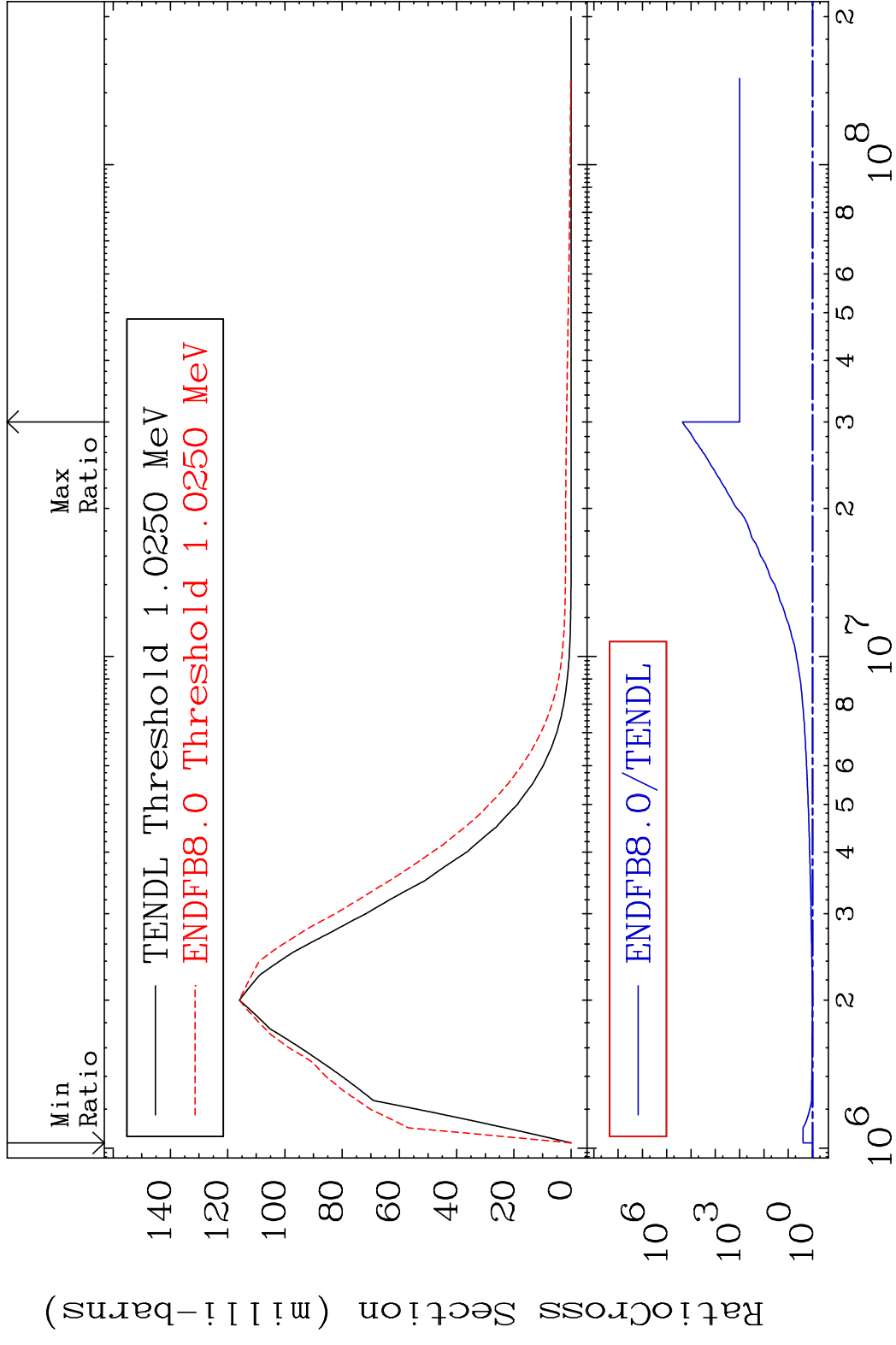


MAT 2634 MT= 54 (n,n') Level 26-Fe-57
 Cross Section -100.0 To -5.757%



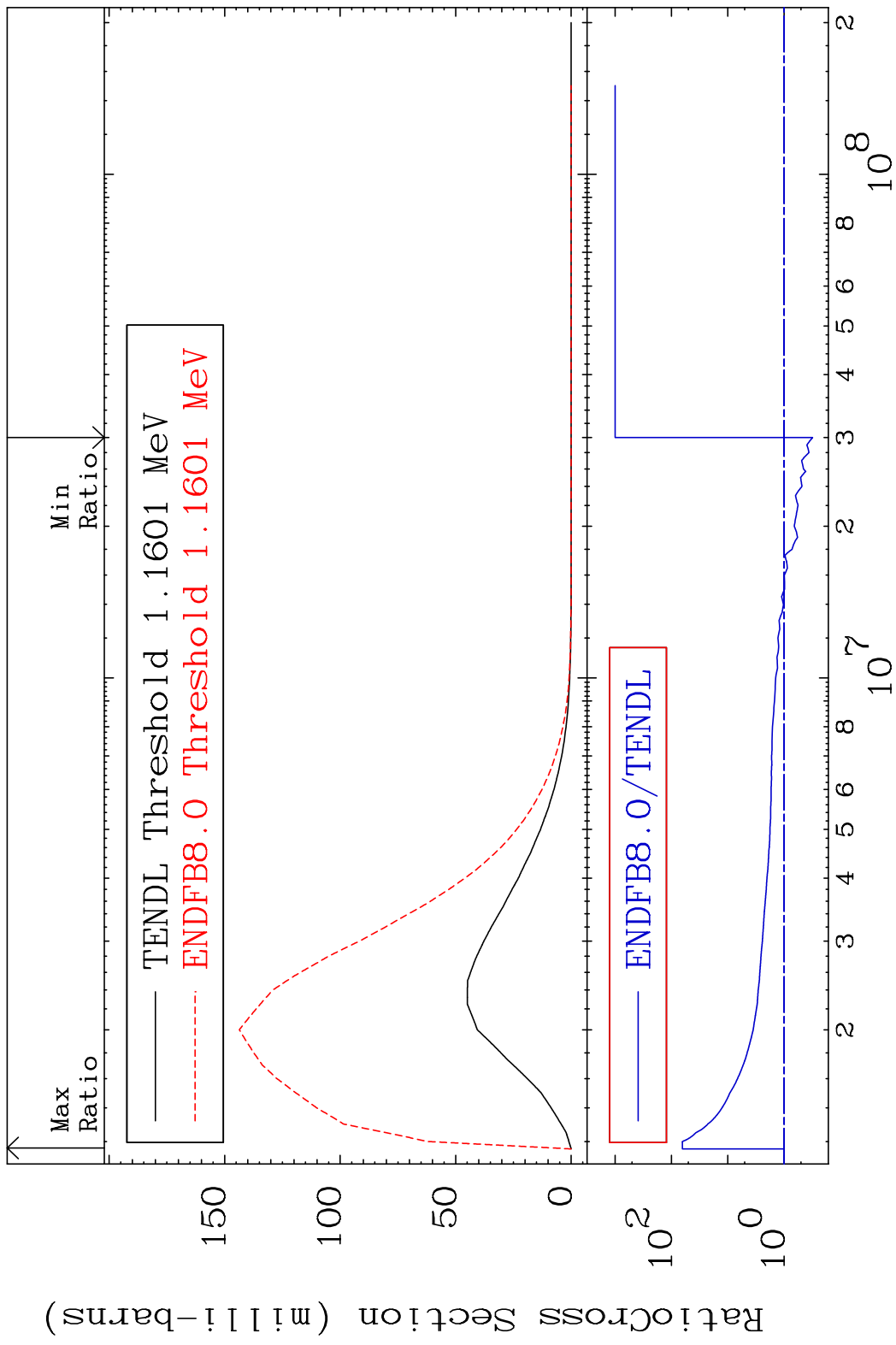
9 26-Fe-57

MAT 2634 MT= 55 (n,n') Level 26-Fe-57
 Cross Section 0.000 To 9999. %

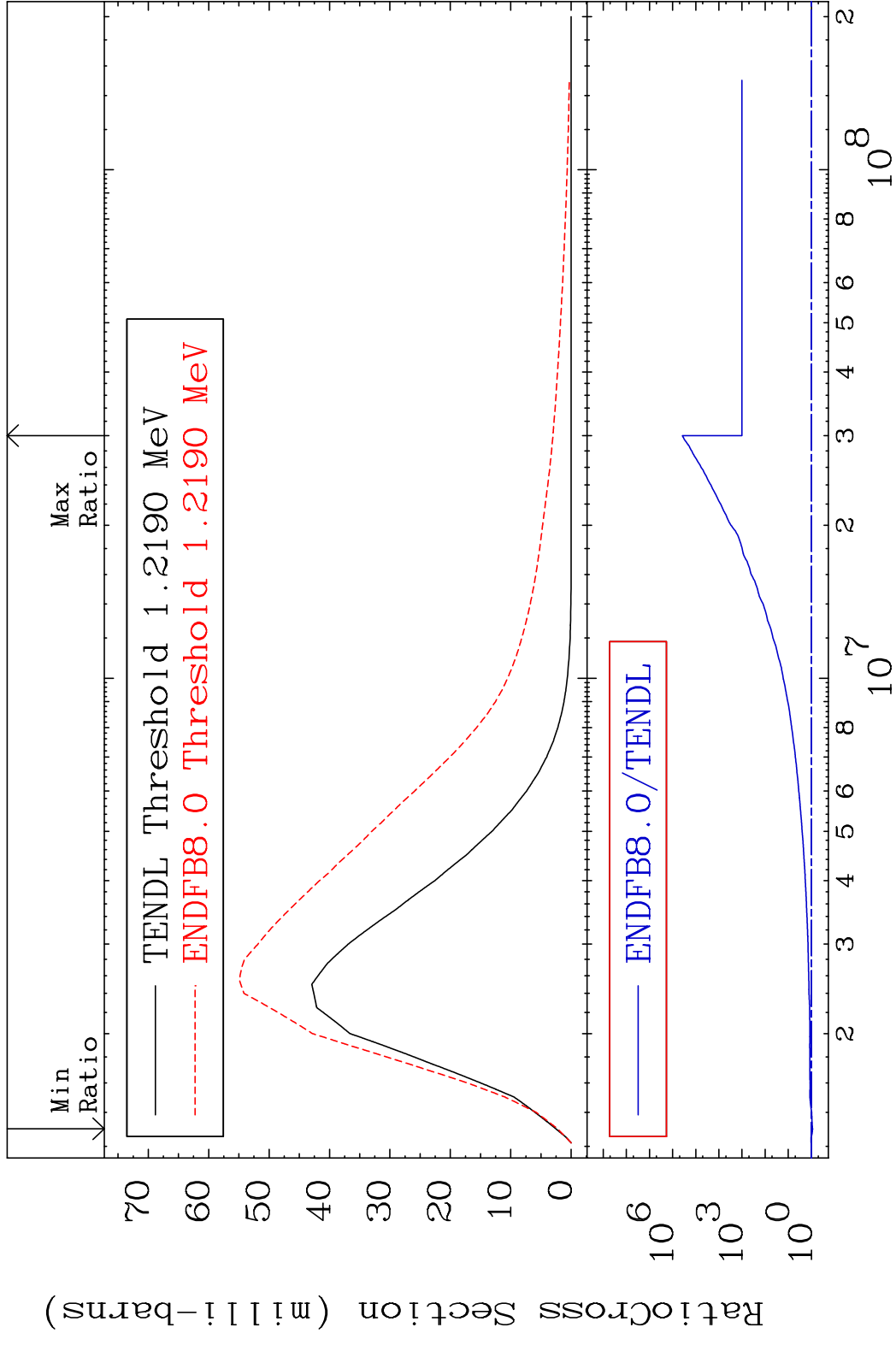


10 10 2 2 3 3 4 4 5 5 6 6 8 8 10⁶ 10⁷ 10⁸ 26-Fe-57

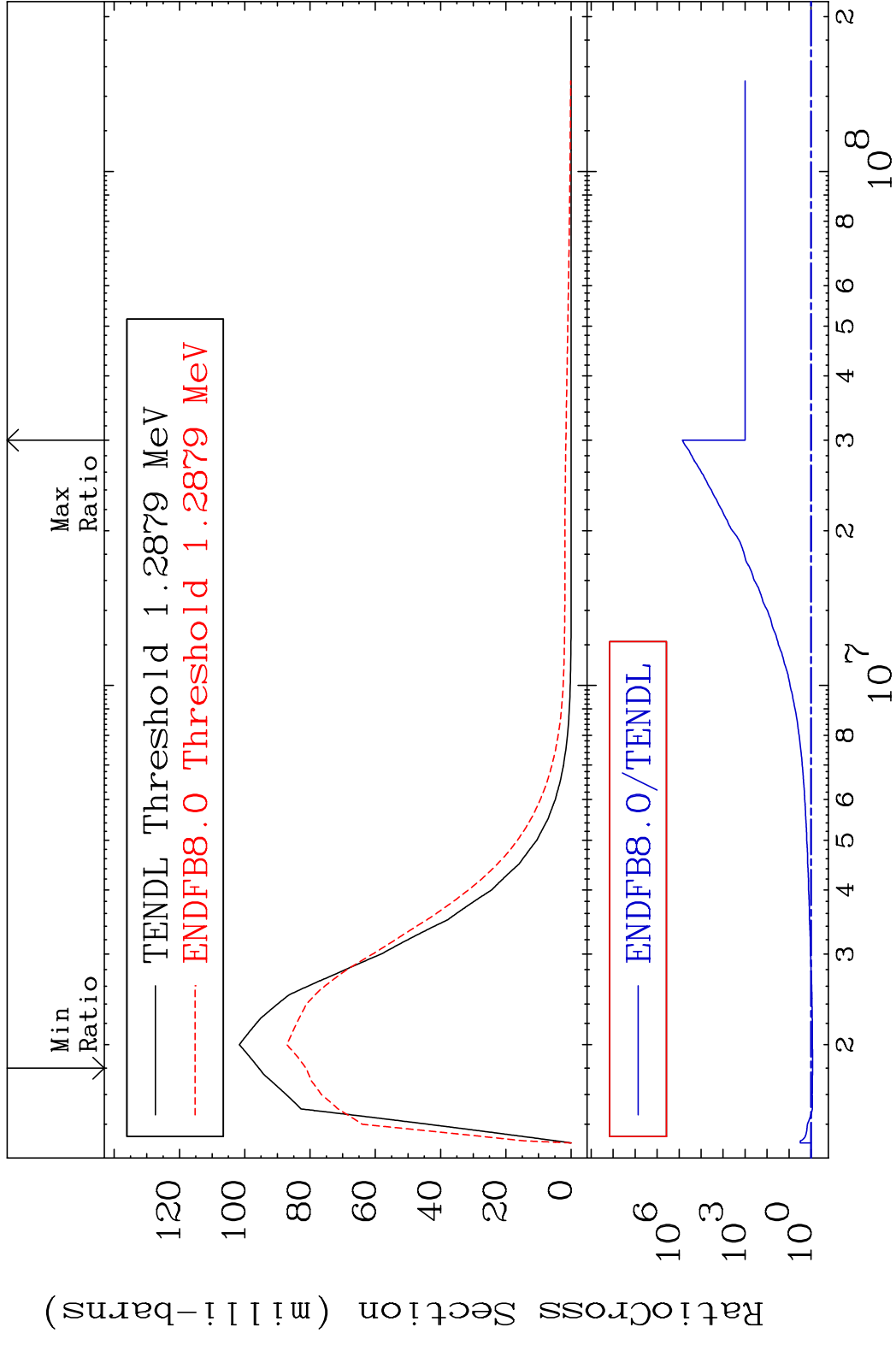
MAT 2634 MT= 56 (n,n') Level 26-Fe-57
 Cross Section -68.85 To 6297. %



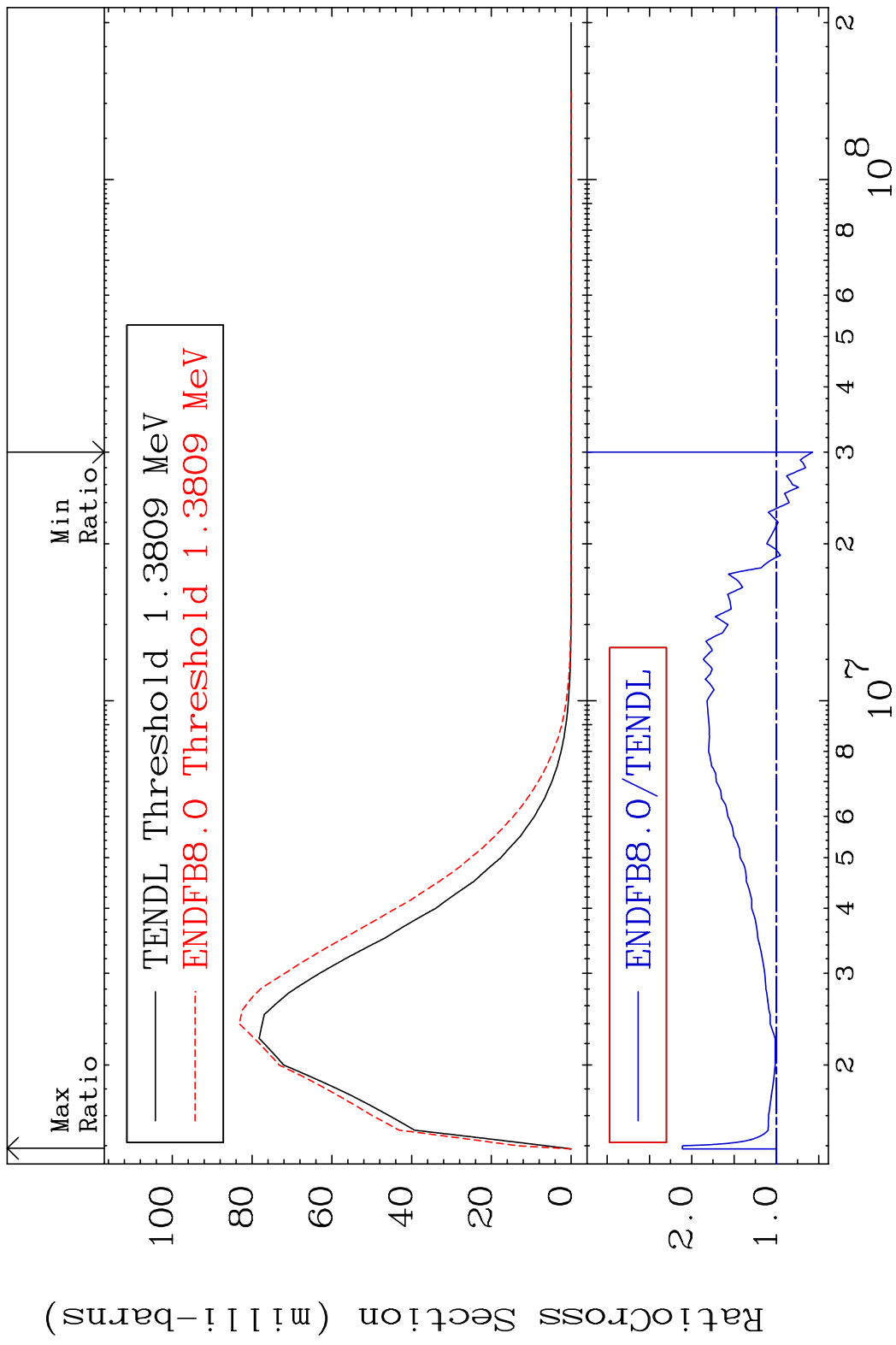
MAT 2634 MT= 57 (n, n') Level 26-Fe-57
 Cross Section -10.84 To 9999. %



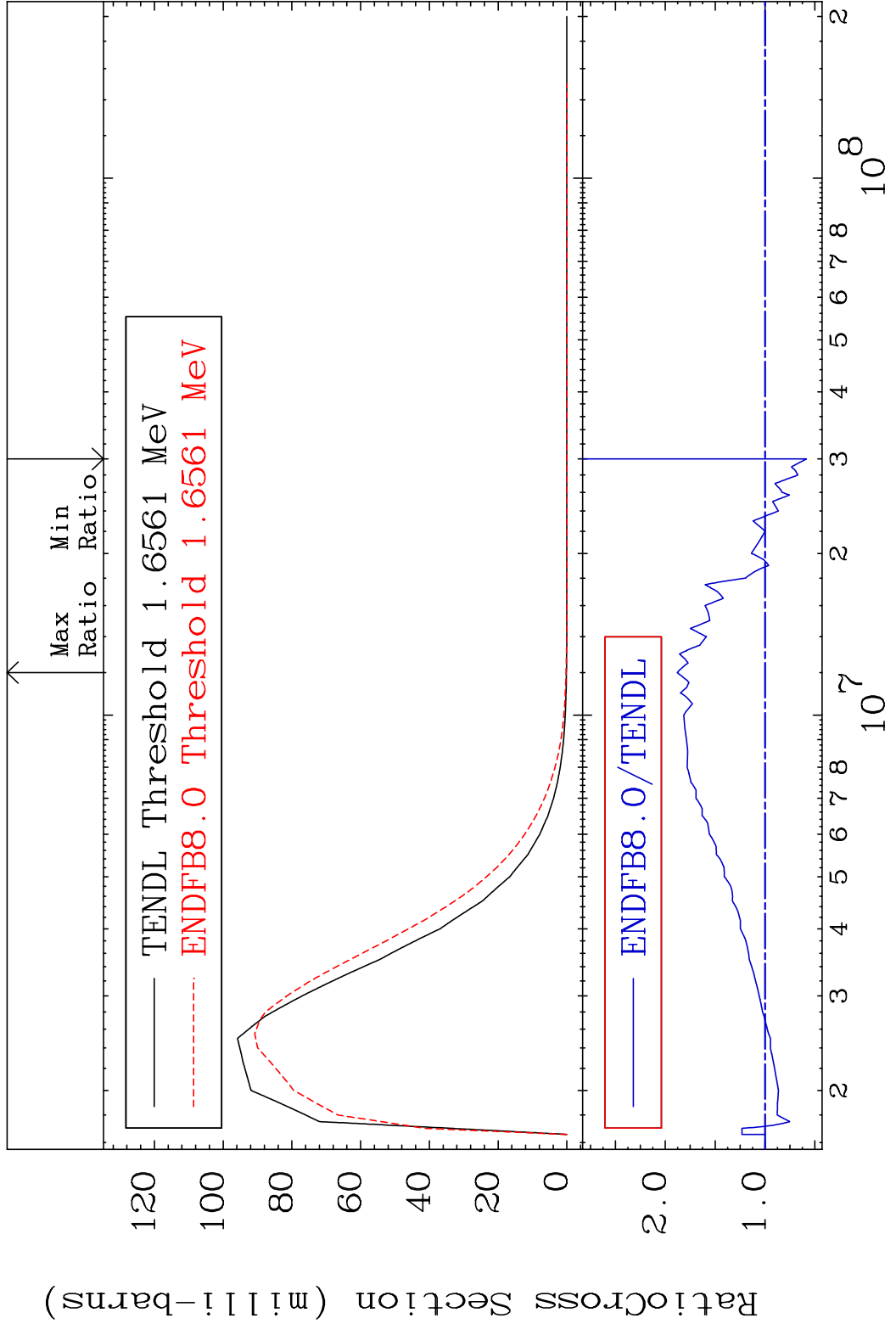
MAT 2634 MT= 58 (n,n') Level 26-Fe-57
 Cross Section -15.10 To 9999. %



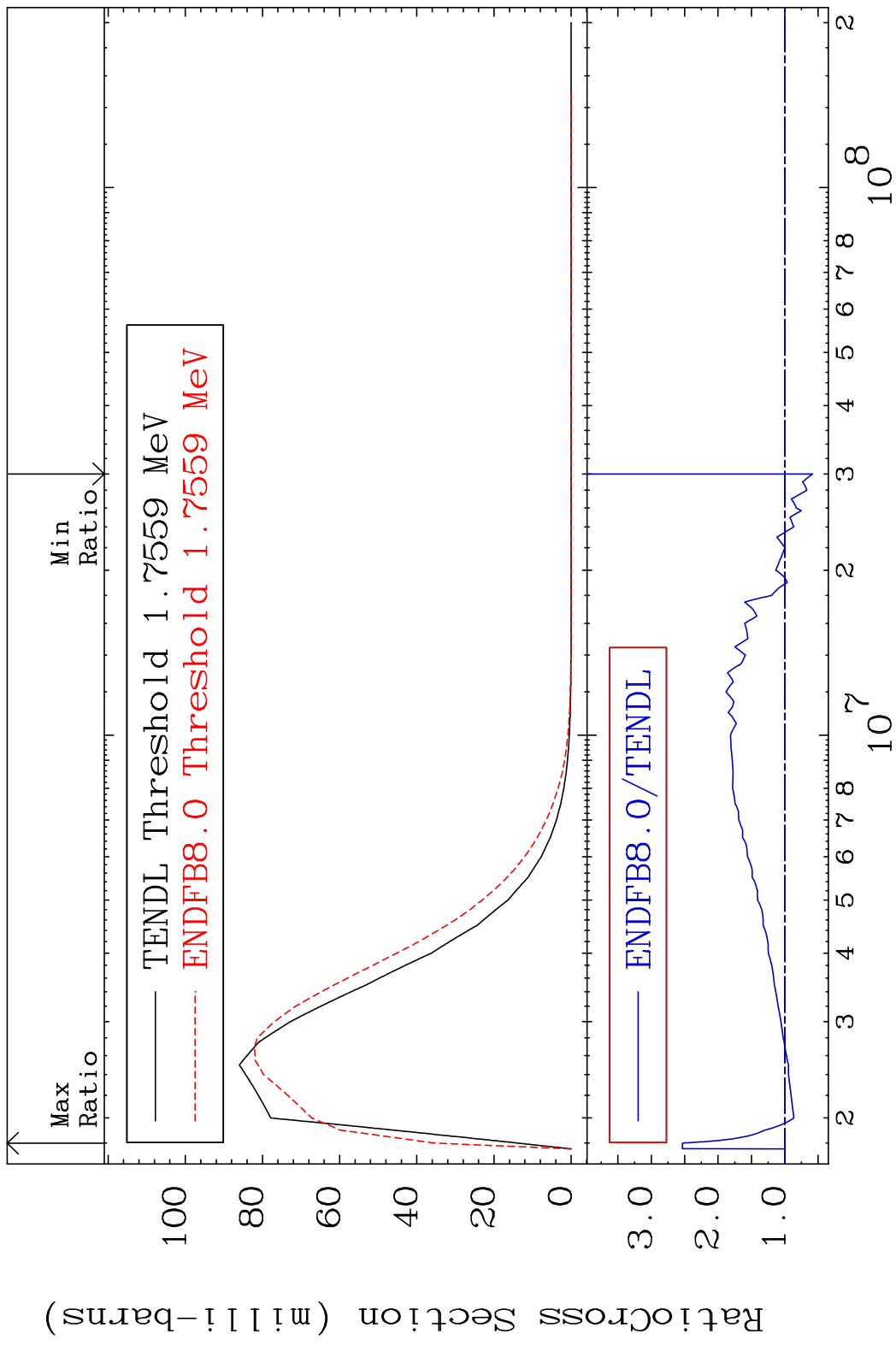
MAT 2634 MT= 59 (n, n') Level 26-Fe-57
 Cross Section -42.65 To 111.2 %



MAT 2634 MT= 60 (n, n') Level 26-Fe-57
 Cross Section -41.59 To 88.08 %

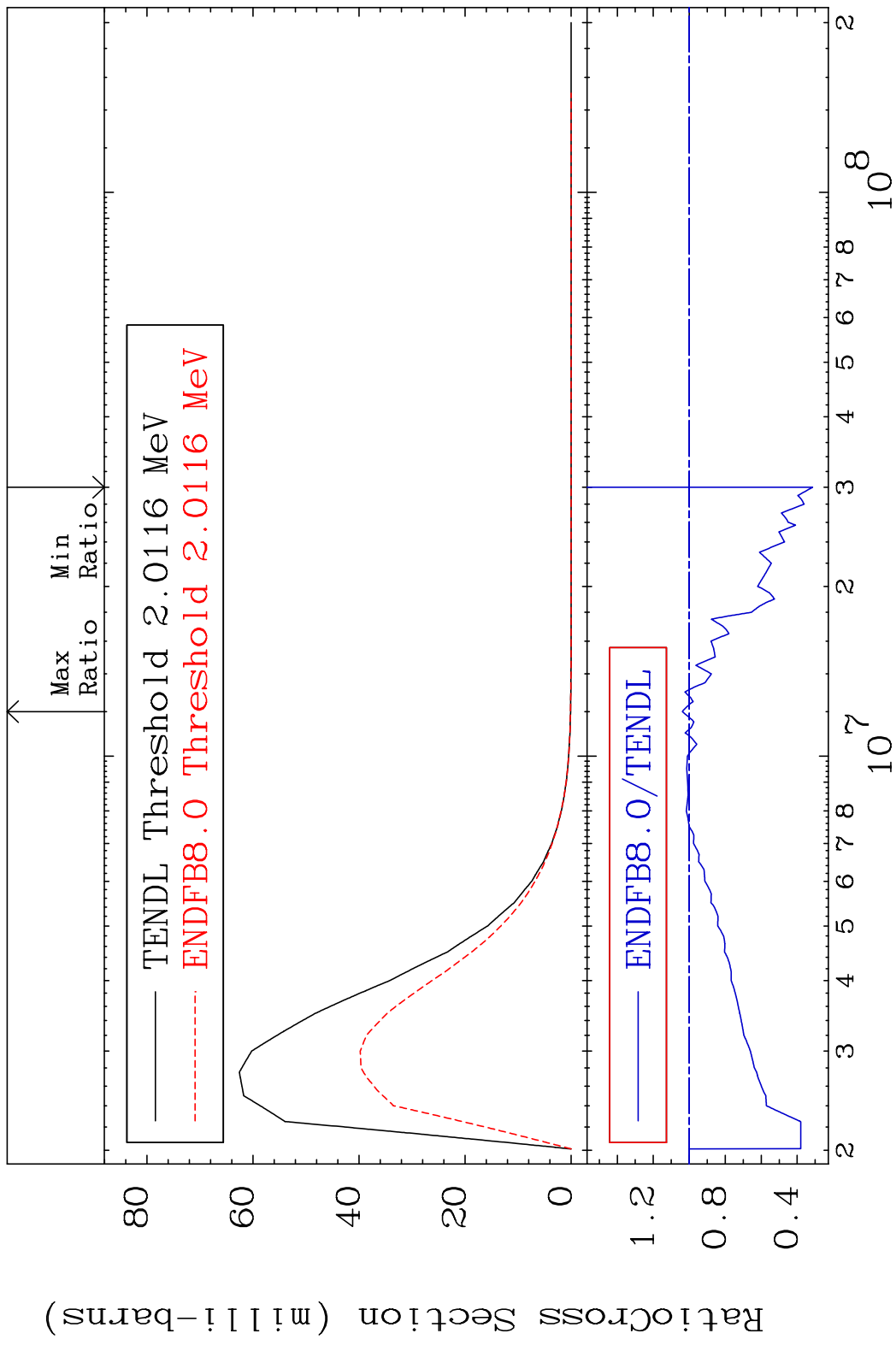


MAT 2634 MT= 61 (n, n') Level 26-Fe-57
 Cross Section -41.57 To 153.5 %



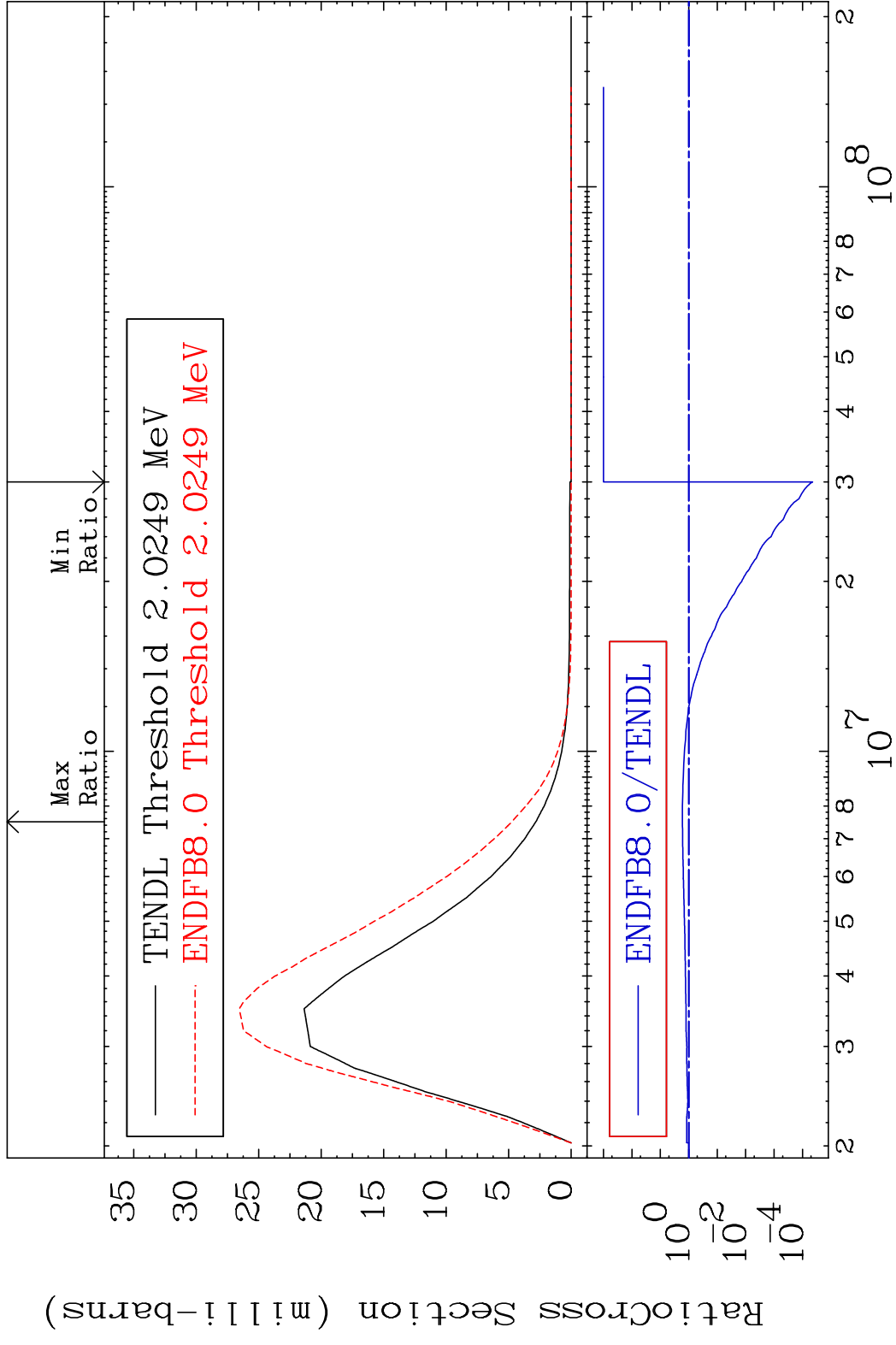
16 Incident Energy (eV) 26-Fe-57

MAT 2634 MT= 62 (n, n') Level 26-Fe-57
 Cross Section -68.53 To 3.837 %

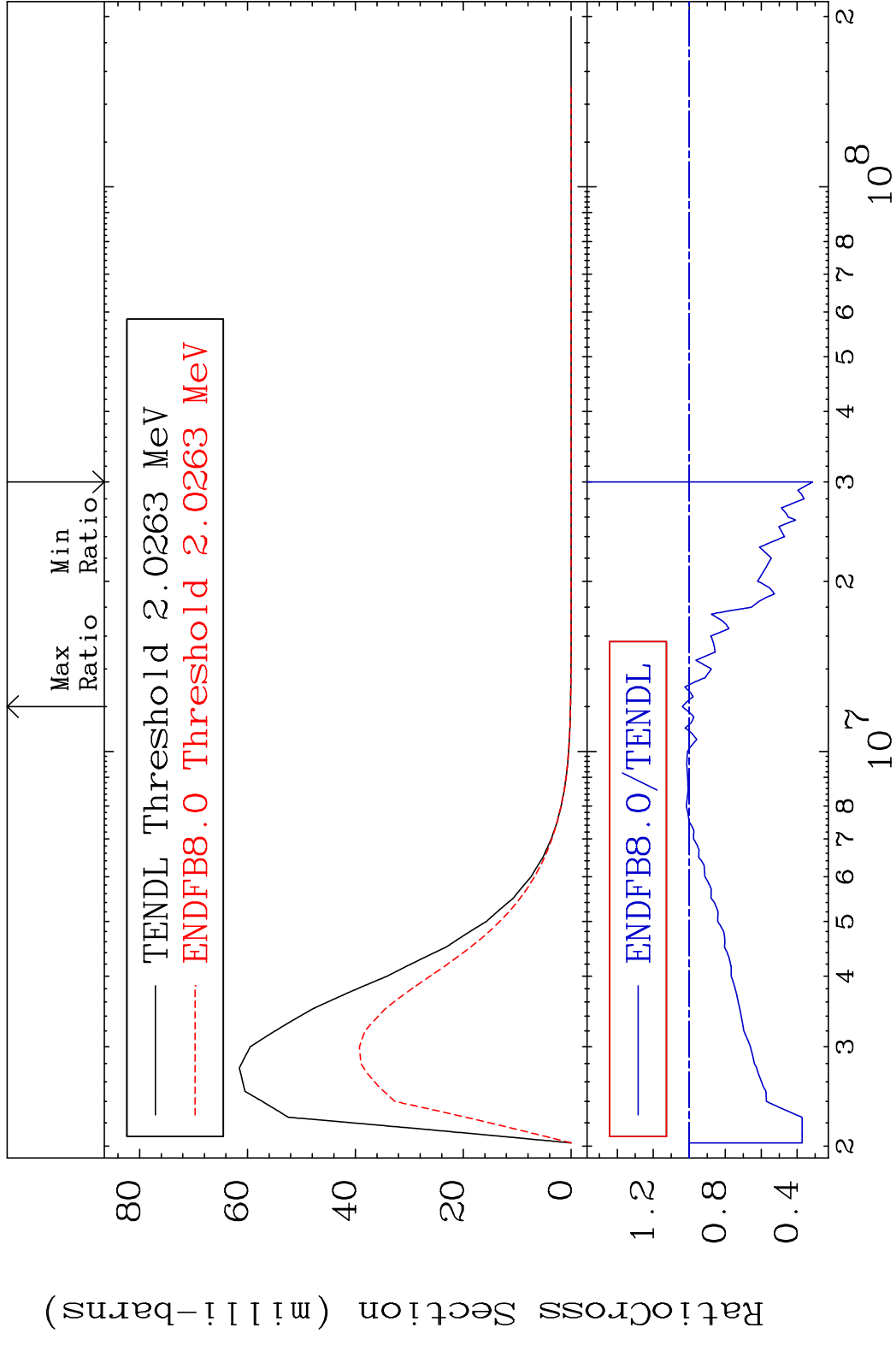


17 17 Incident Energy (eV) 26-Fe-57

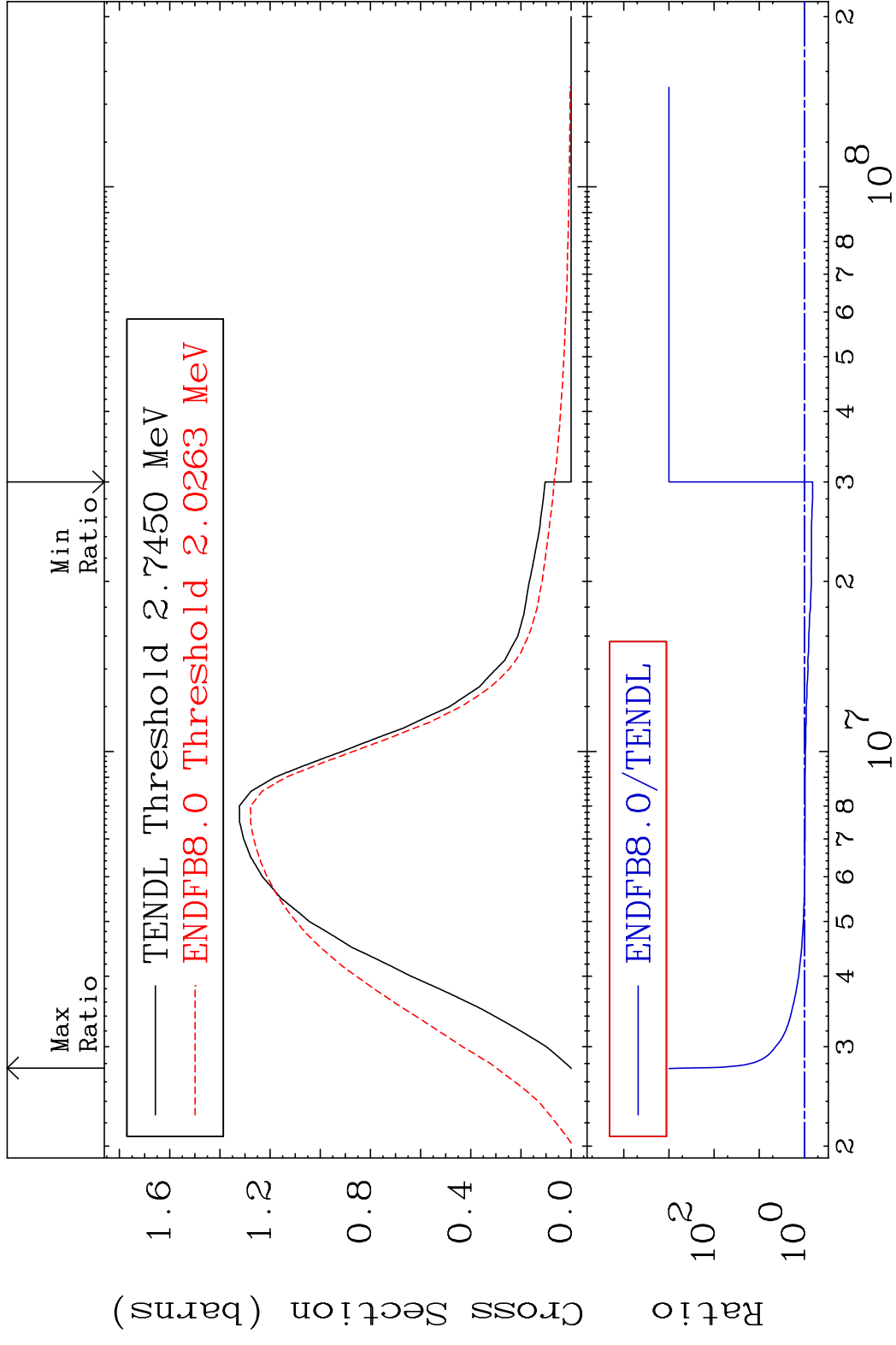
MAT 2634 MT= 63 (n, n') Level 26-Fe-57
 Cross Section -100.0 To 68.02 %



MAT 2634 MT= 64 (n, n') Level 26-Fe-57
 Cross Section -68.53 To 3.835 %



MAT 2634 (n,n') Continuum 26-Fe-57
 Cross Section -34.14 To 9999. %



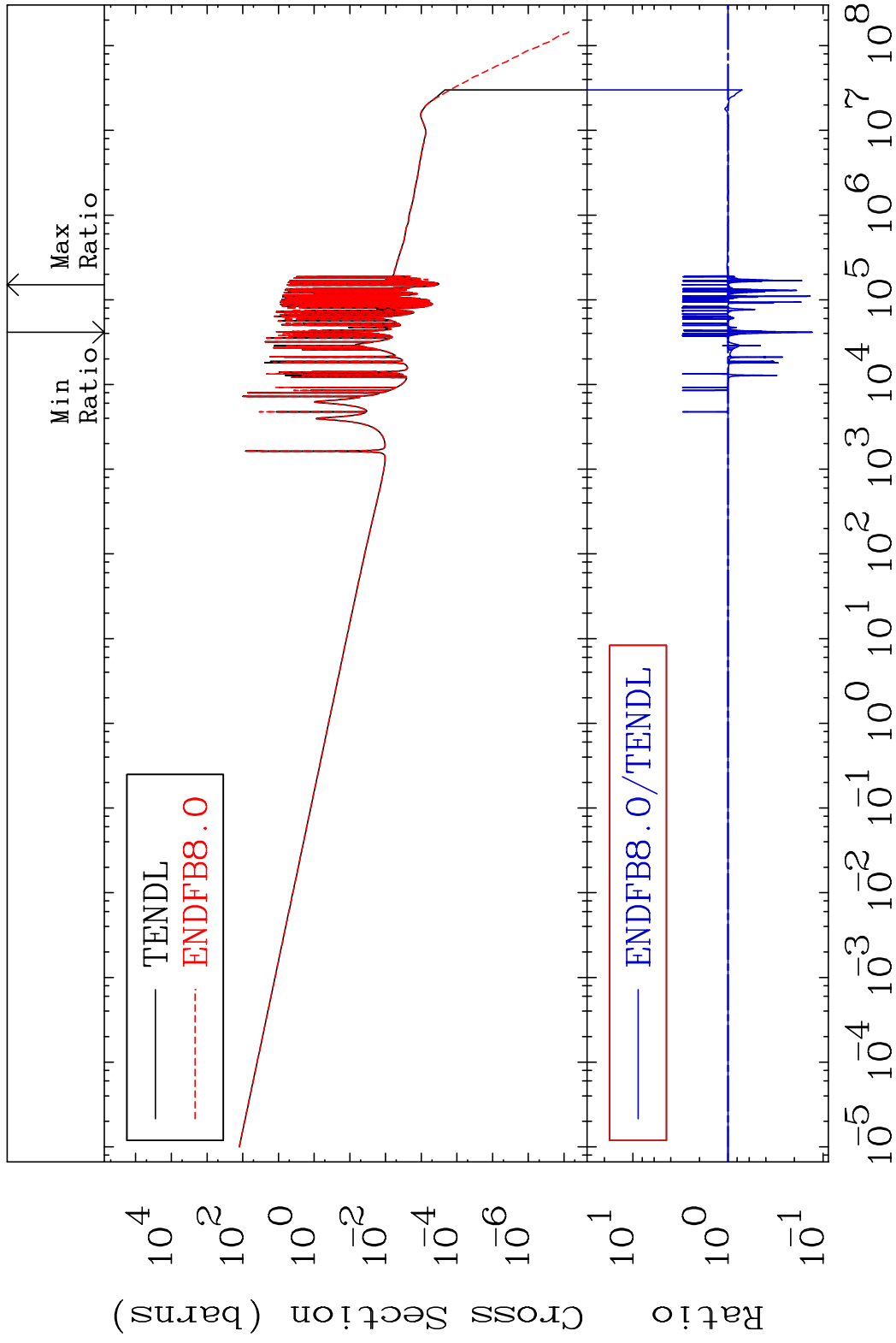
20 26-Fe-57

MAT 2634

(n, γ)

26-Fe-57

Cross Section -87.10 To 202.2 %

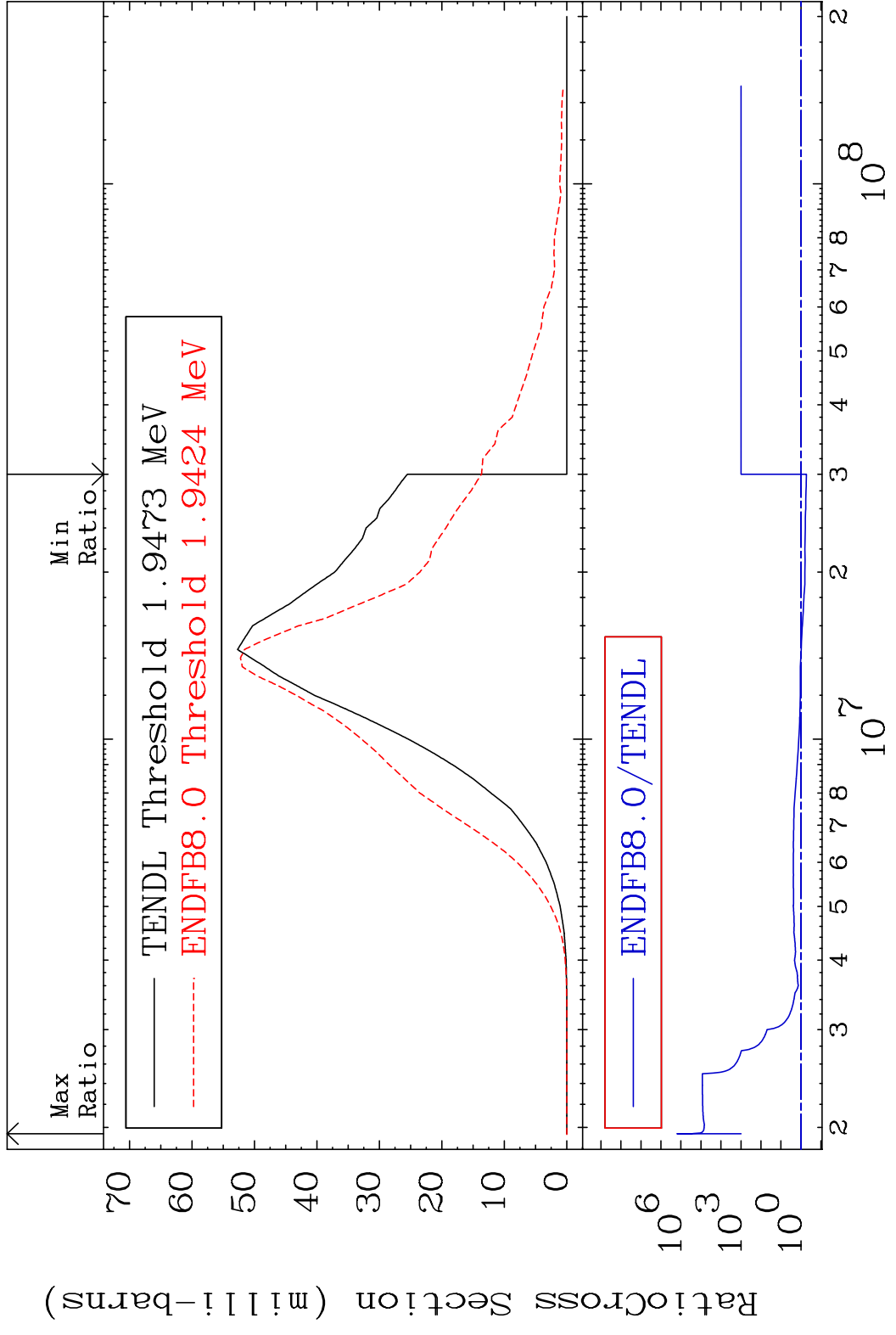


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Incident Energy (eV)

26-Fe-57

MAT 2634 (n,p) 26-Fe-57
 Cross Section -46.46 To 9999. %

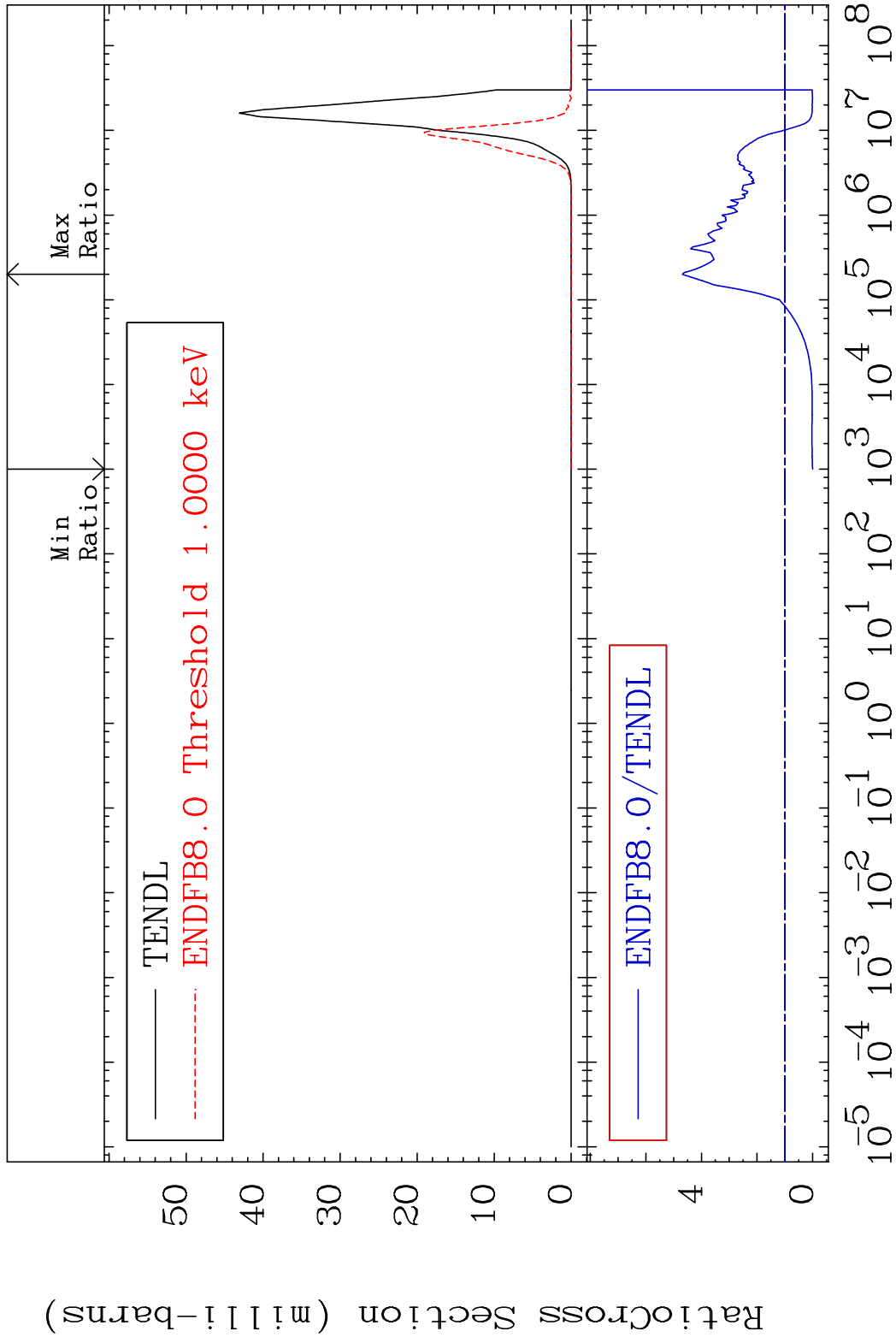


MAT 2634

(n, α)

26-Fe-57

Cross Section -100.0 To 368.7 %

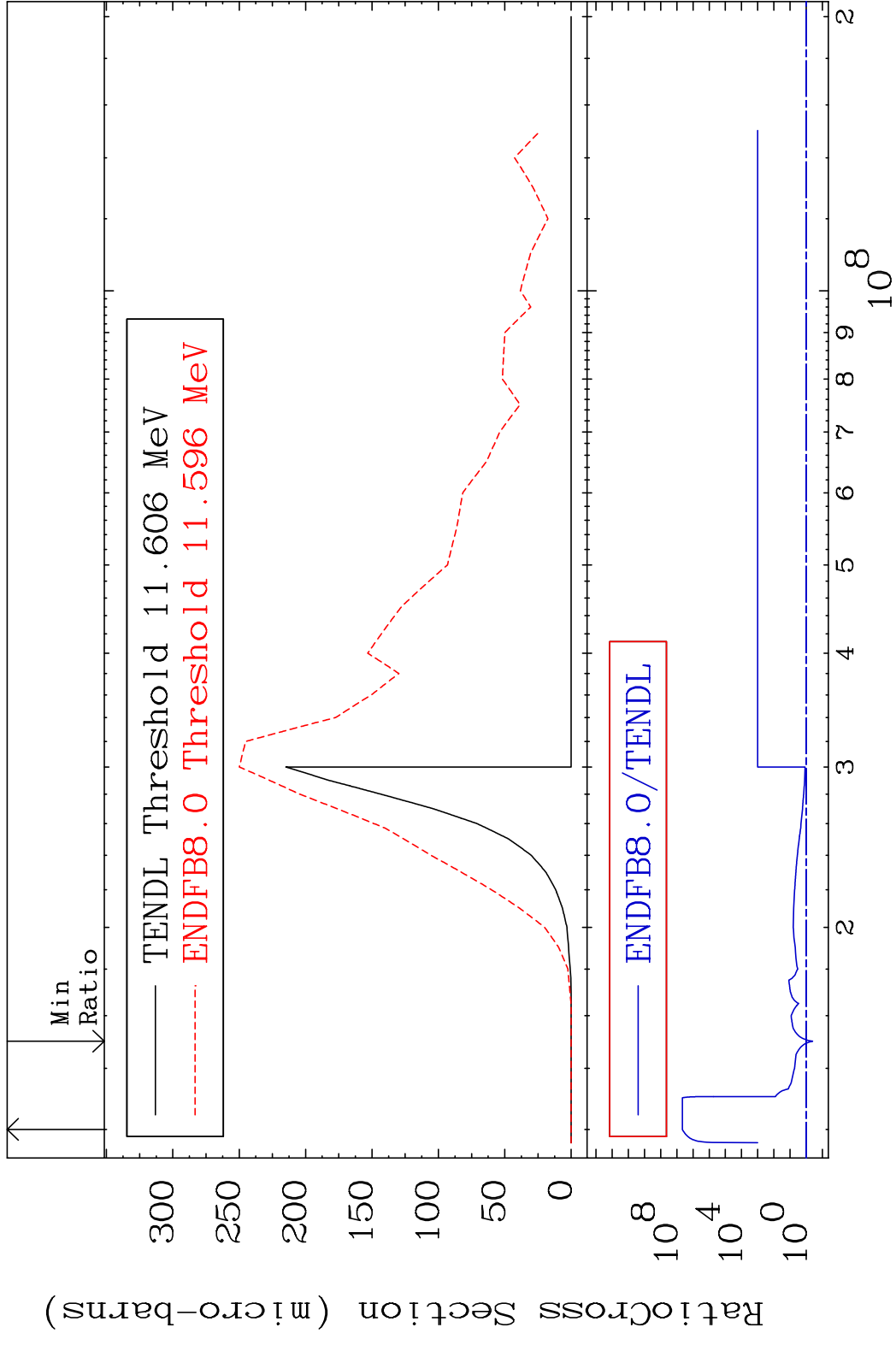


23

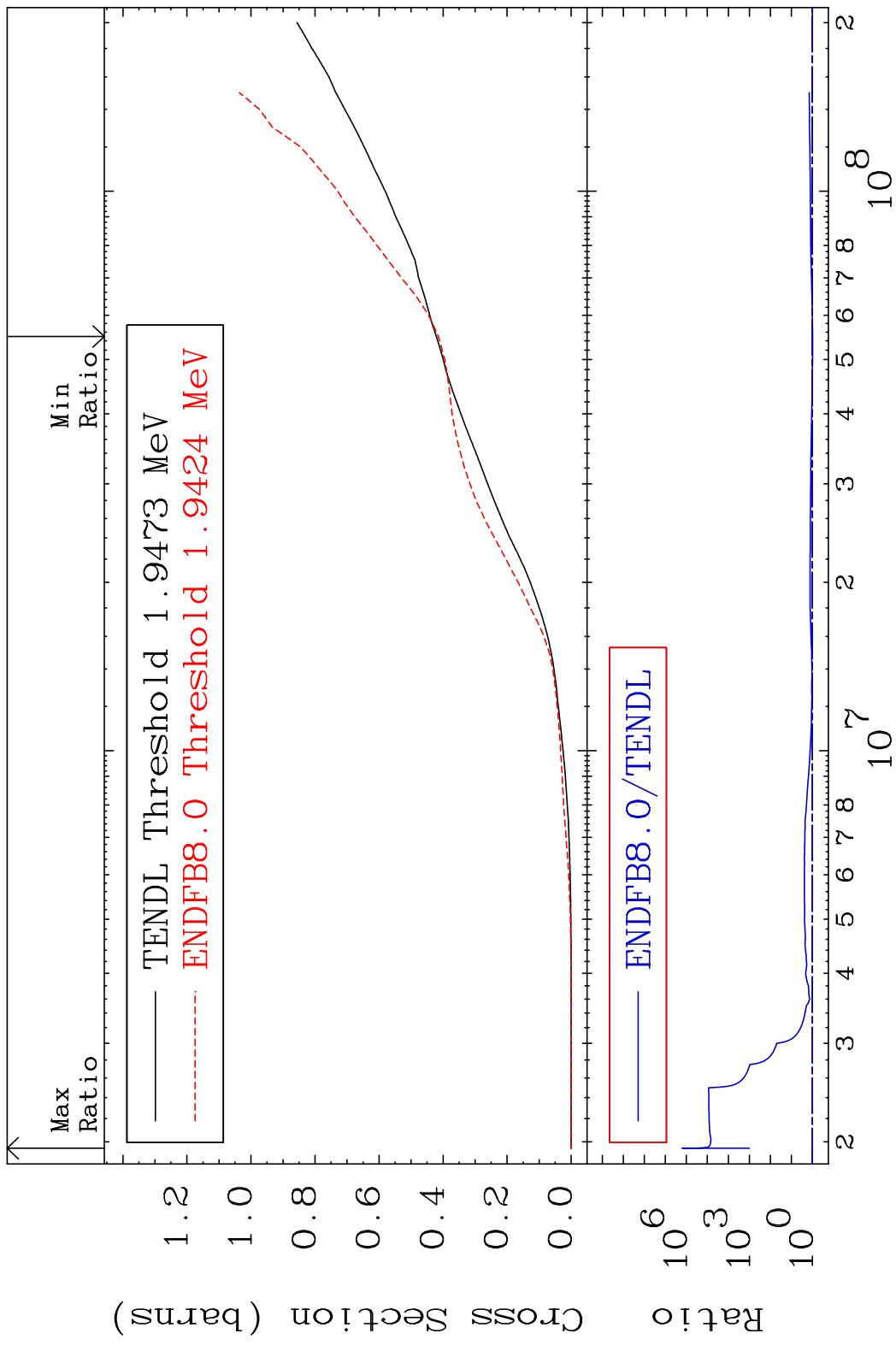
Incident Energy (eV)

26-Fe-57

MAT 2634 (n,2p) 26-Fe-57
 Cross Section -59.69 To 9999. %



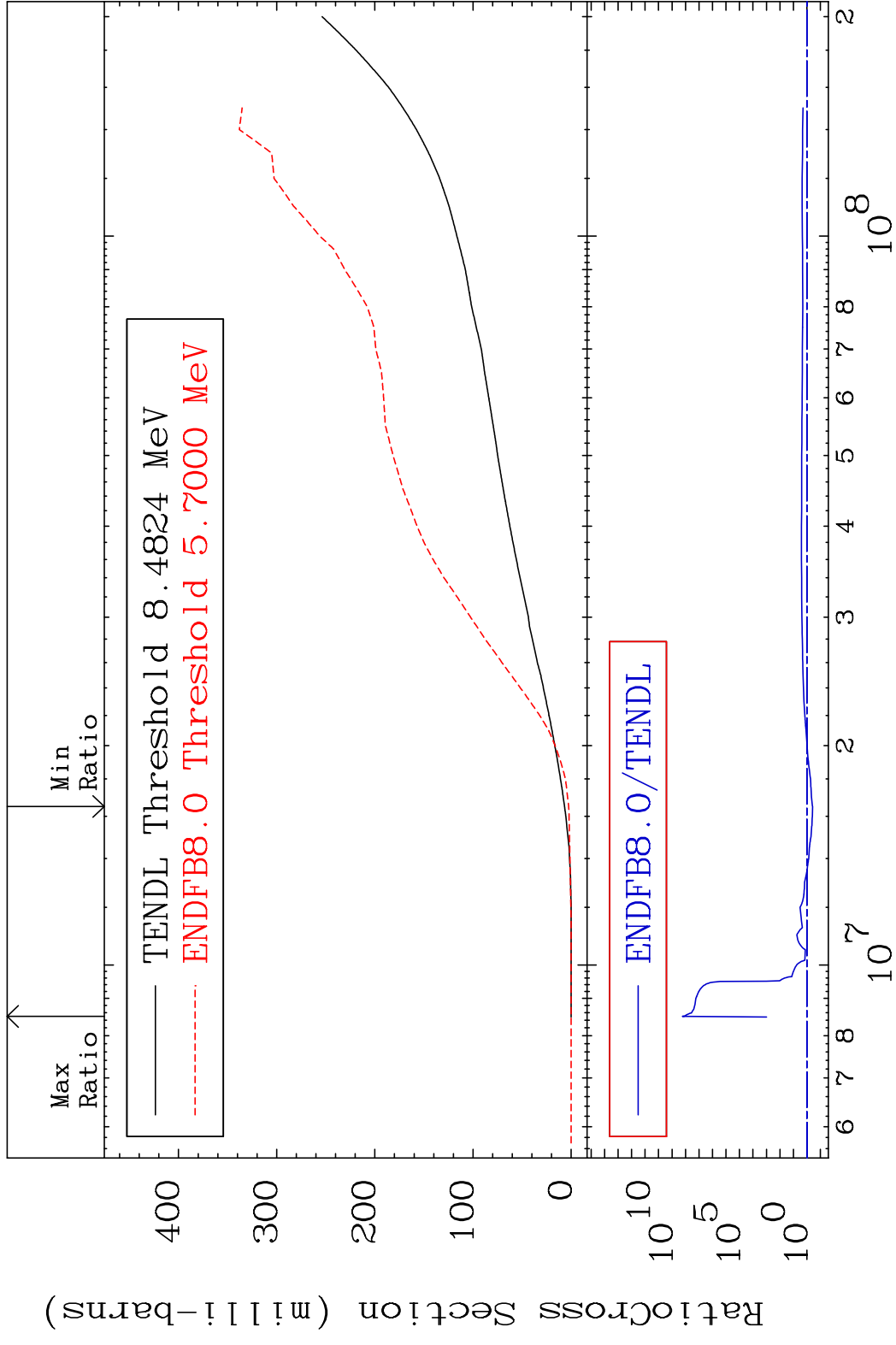
MAT 2634 Hydrogen Production 26-Fe-57
 Cross Section -1.458 To 9999. %



MAT 2634

Deuterium Production 26-Fe-57

Cross Section -61.72 To 9999. %



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Incident Energy (eV)

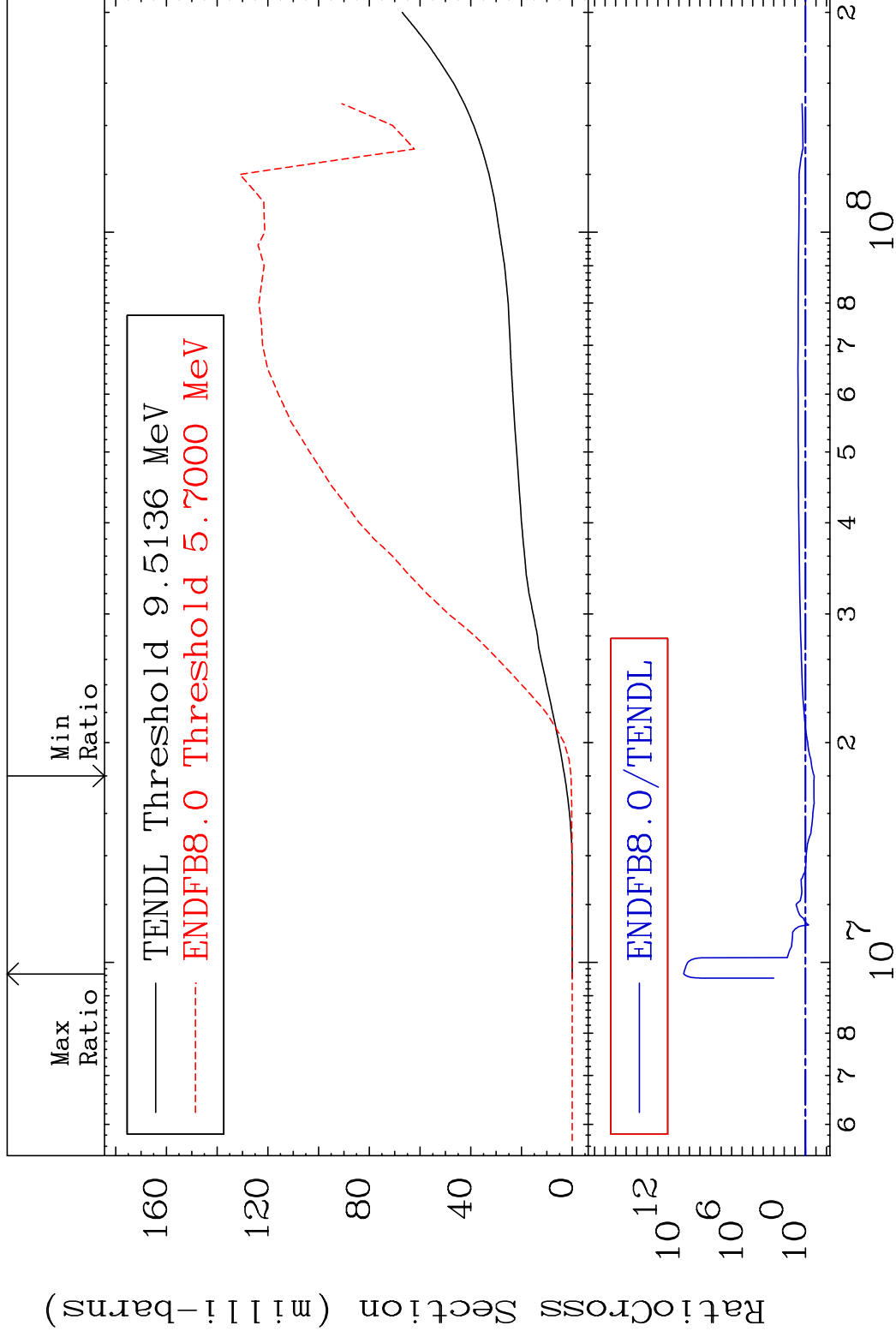
26-Fe-57

MAT 2634

Tritium Production

26-Fe-57

Cross Section -85.02 To 9999. %

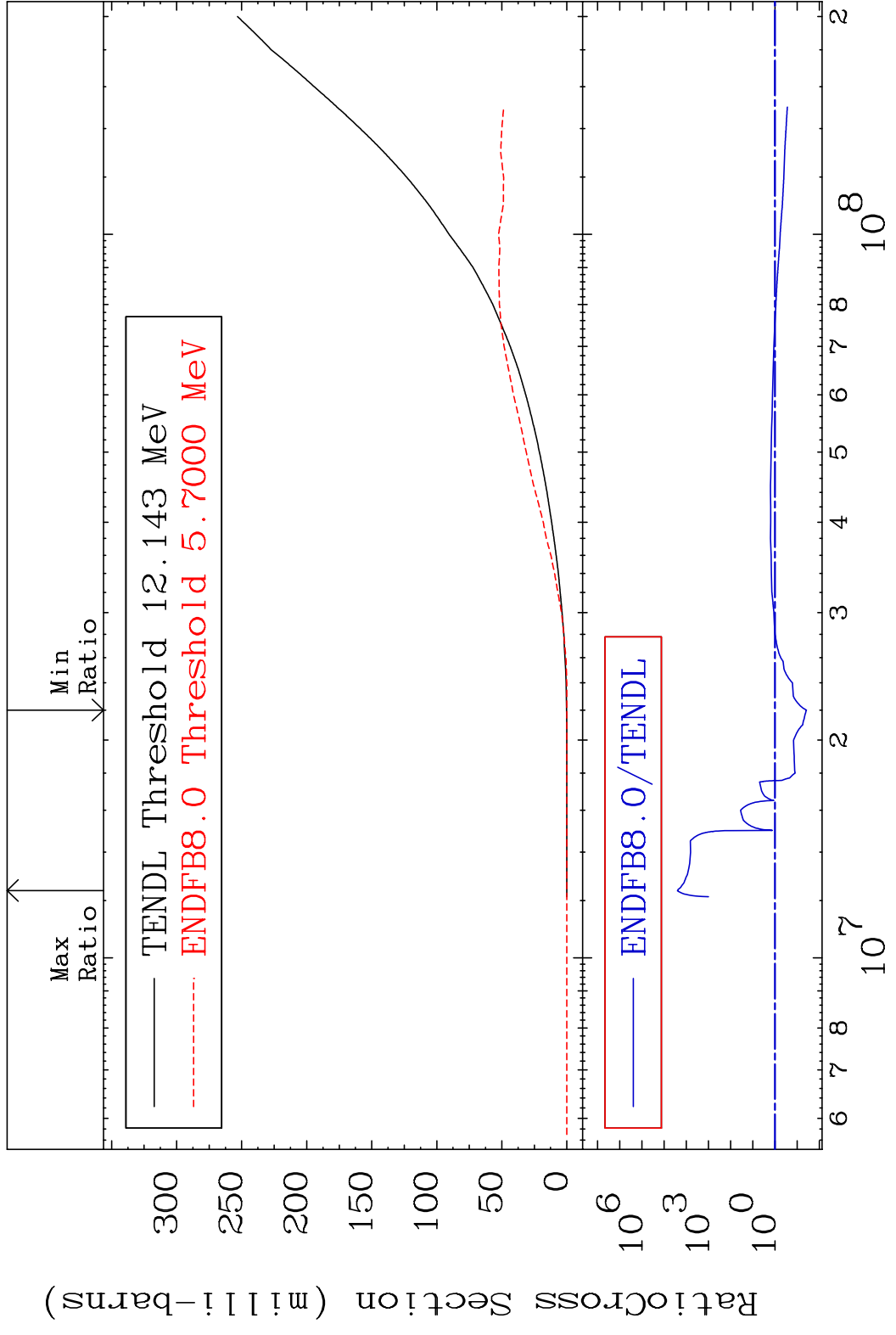


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Incident Energy (eV)

26-Fe-57

MAT 2634 He-3 Production 26-Fe-57
 Cross Section -96.20 To 9999. %

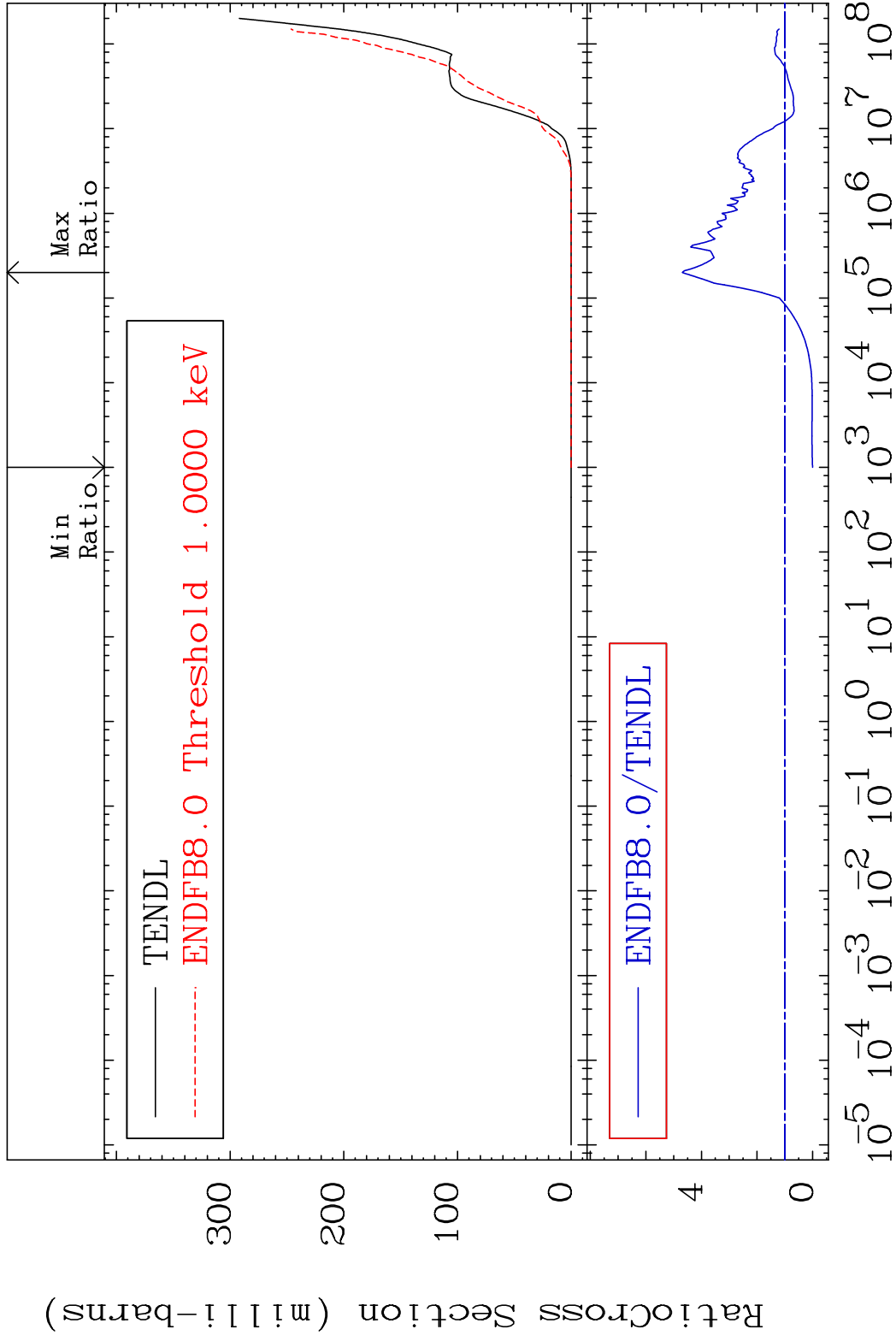


MAT 2634

He-4 Production

²⁶Fe-57

Cross Section -100.0 To 368.7 %

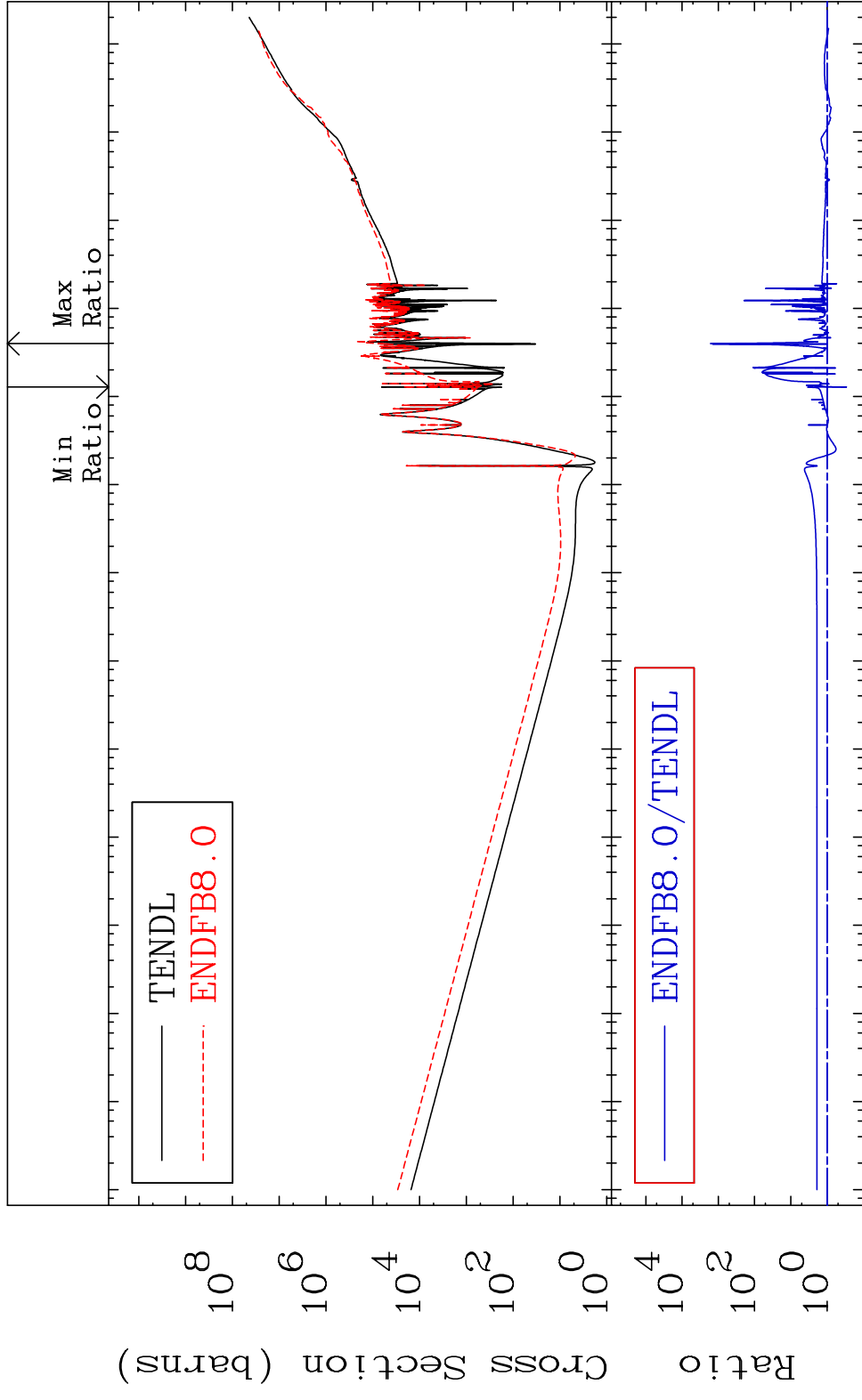


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Incident Energy (eV)

²⁶Fe-57

MAT 2634 Kerma total (eV-barns) 26-Fe-57
 Cross Section -70.53 To 9999. %



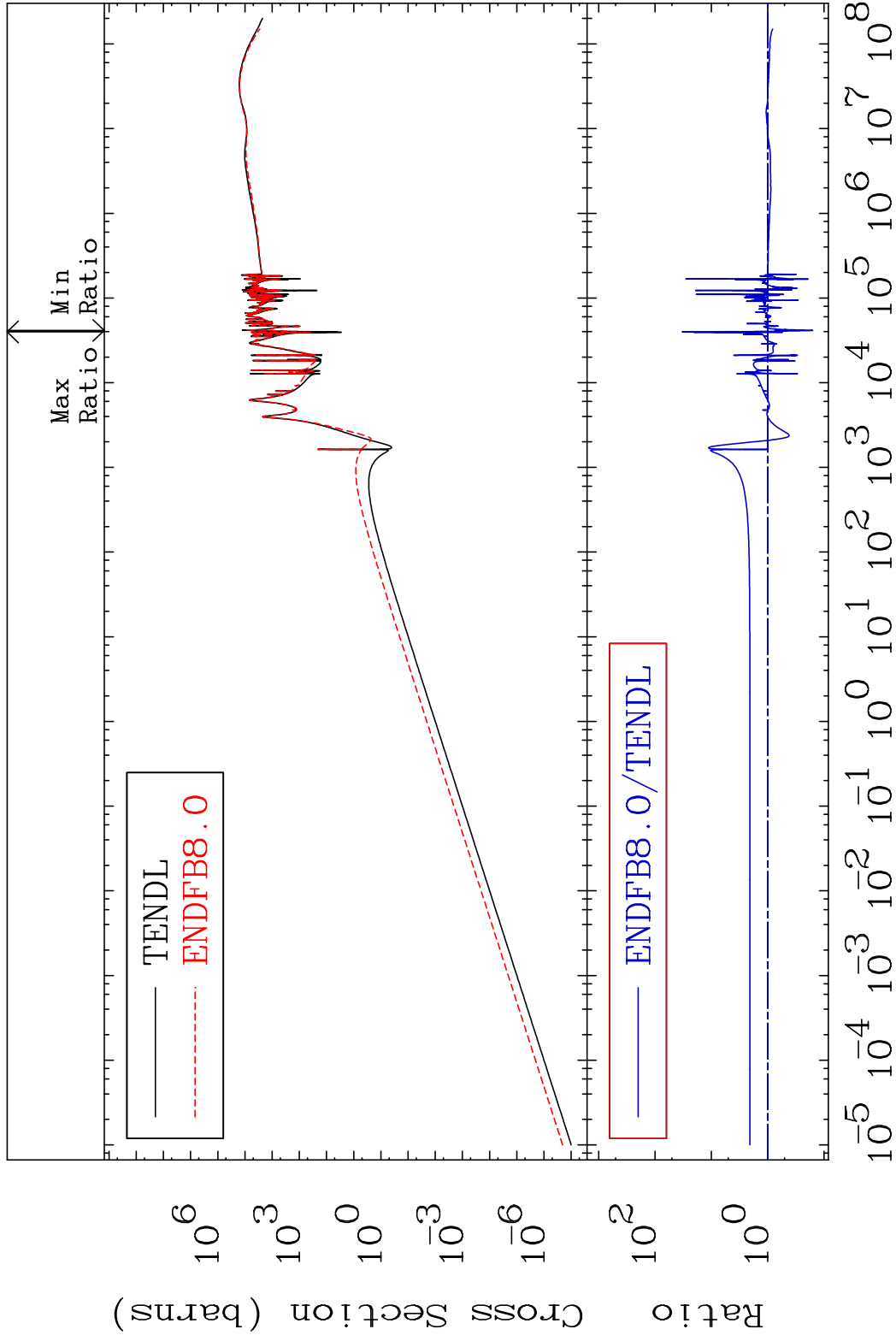
30 Incident Energy (eV) 26-Fe-57

MAT 2634

Kerma elastic

26-Fe-57

Cross Section -84.08 To 3161. %

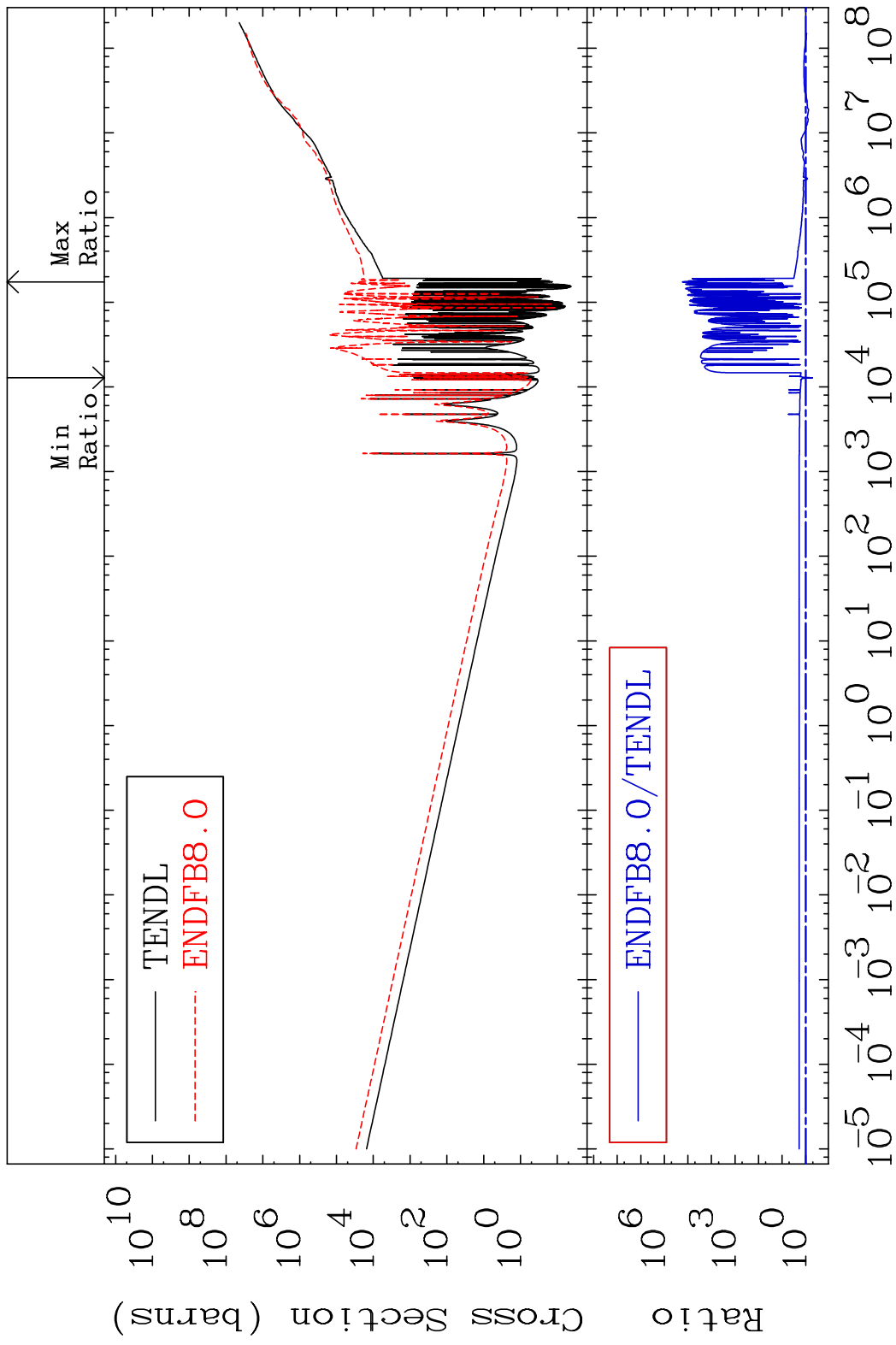


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Incident Energy (eV)

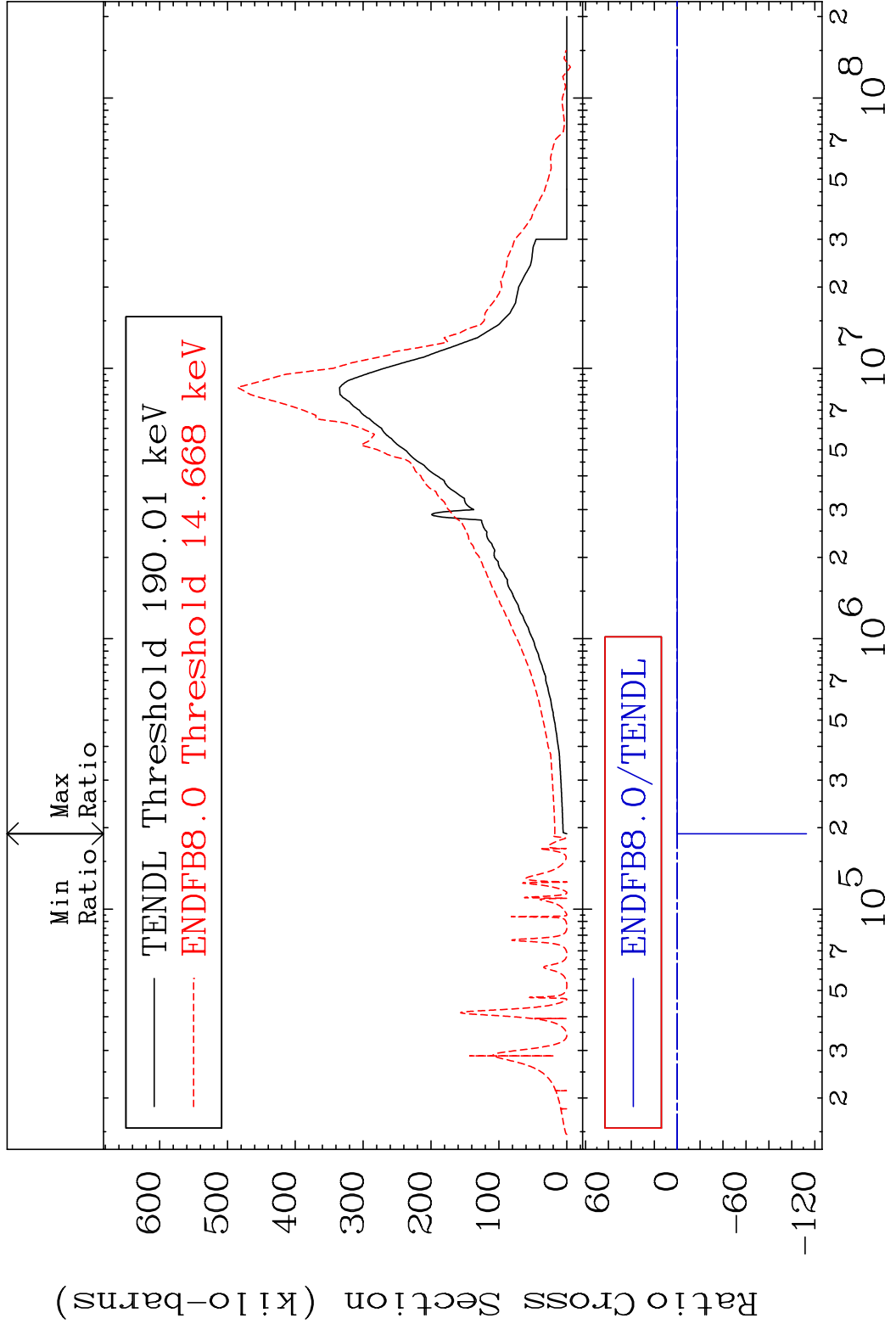
26-Fe-57

MAT 2634 Kerma non-elastic (all but mt2) 26-Fe-57
Cross Section -48.85 To 9999. %

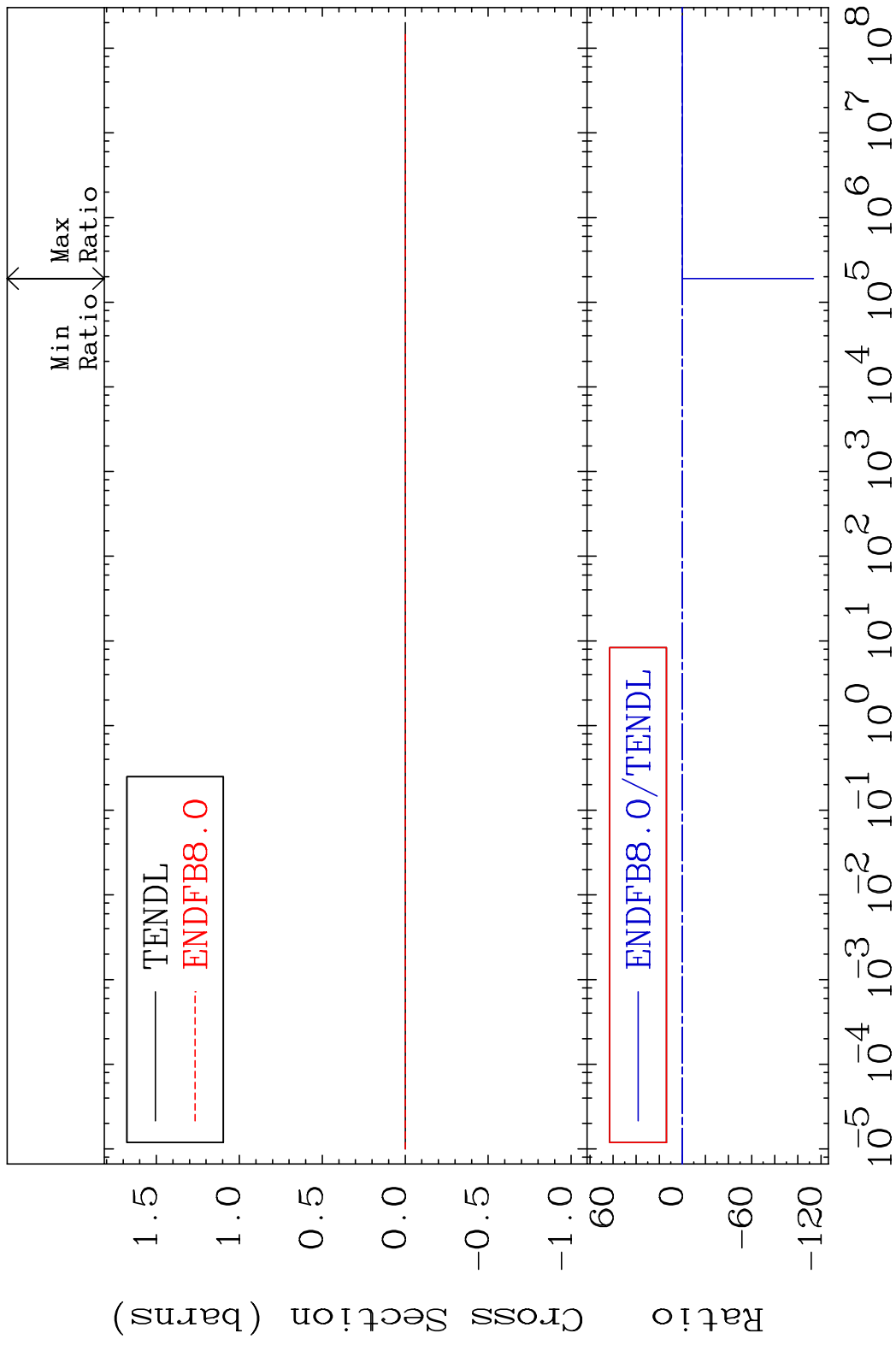


32 Incident Energy (eV) 26-Fe-57

MAT 2634 Kerma inelastic (mt51-91) 26-Fe-57
 Cross Section -9999. To 9999. %

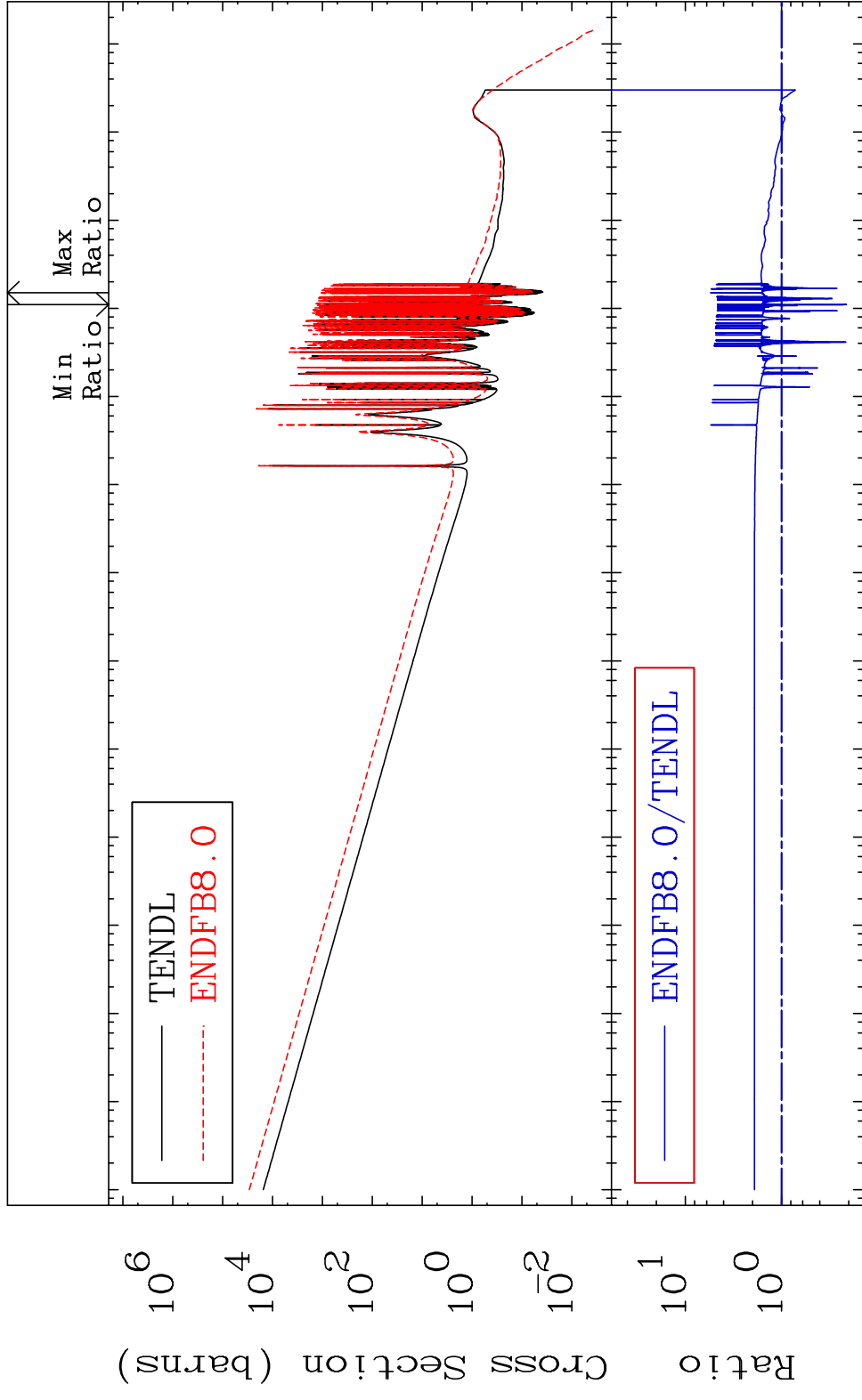


MAT 2634 Kerma fission (mt18 or mt19-20-21-38) 26-Fe-57
 Cross Section -9999. To 9999. %



MAT 2634

Kerma capture (mt102) 26-Fe-57
Cross Section -78.85 To 443.9 %



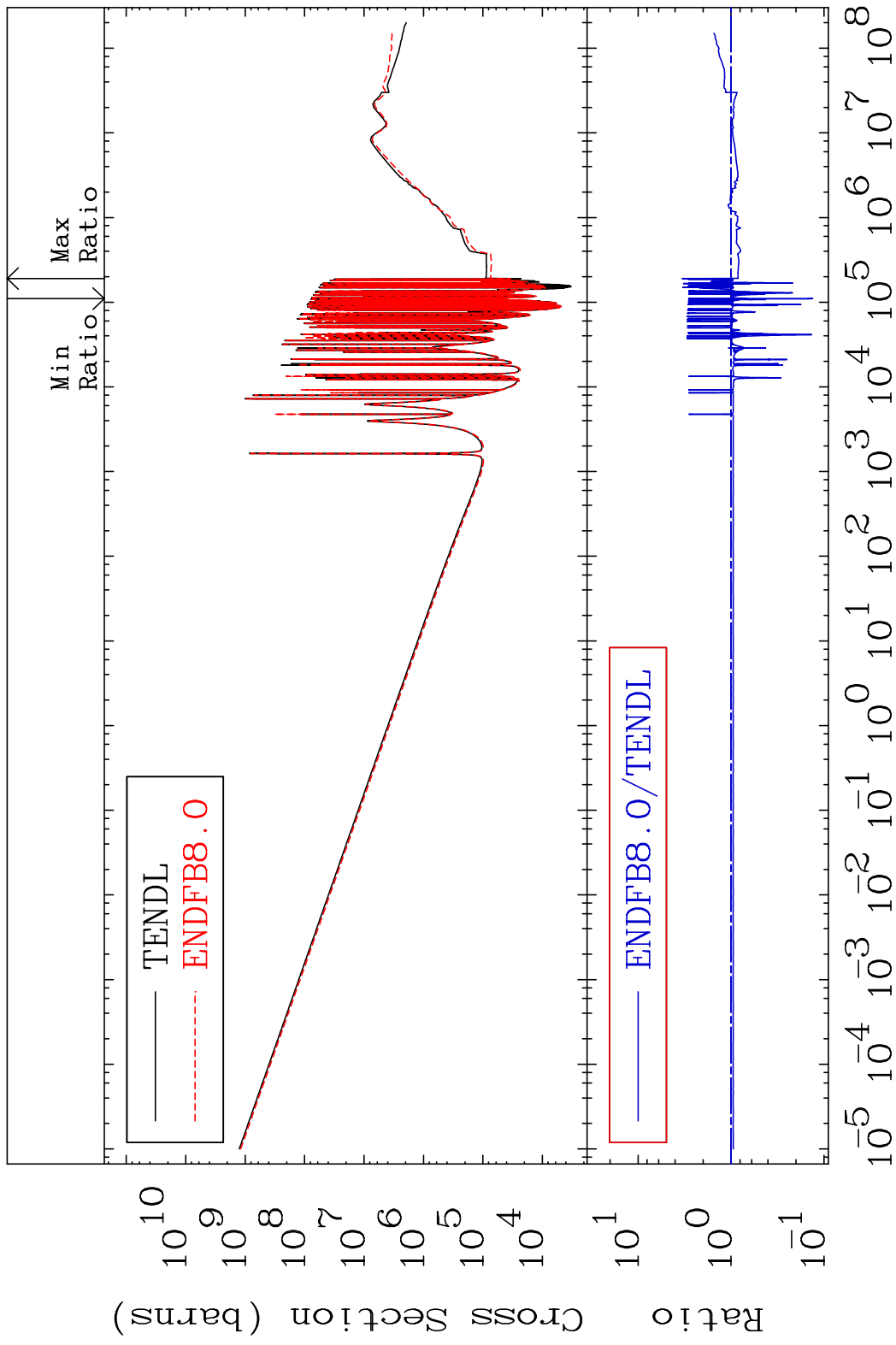
Ratio
10⁶
10⁴
10²
10⁰
10⁻²
10¹
10⁰
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

35

Incident Energy (eV)

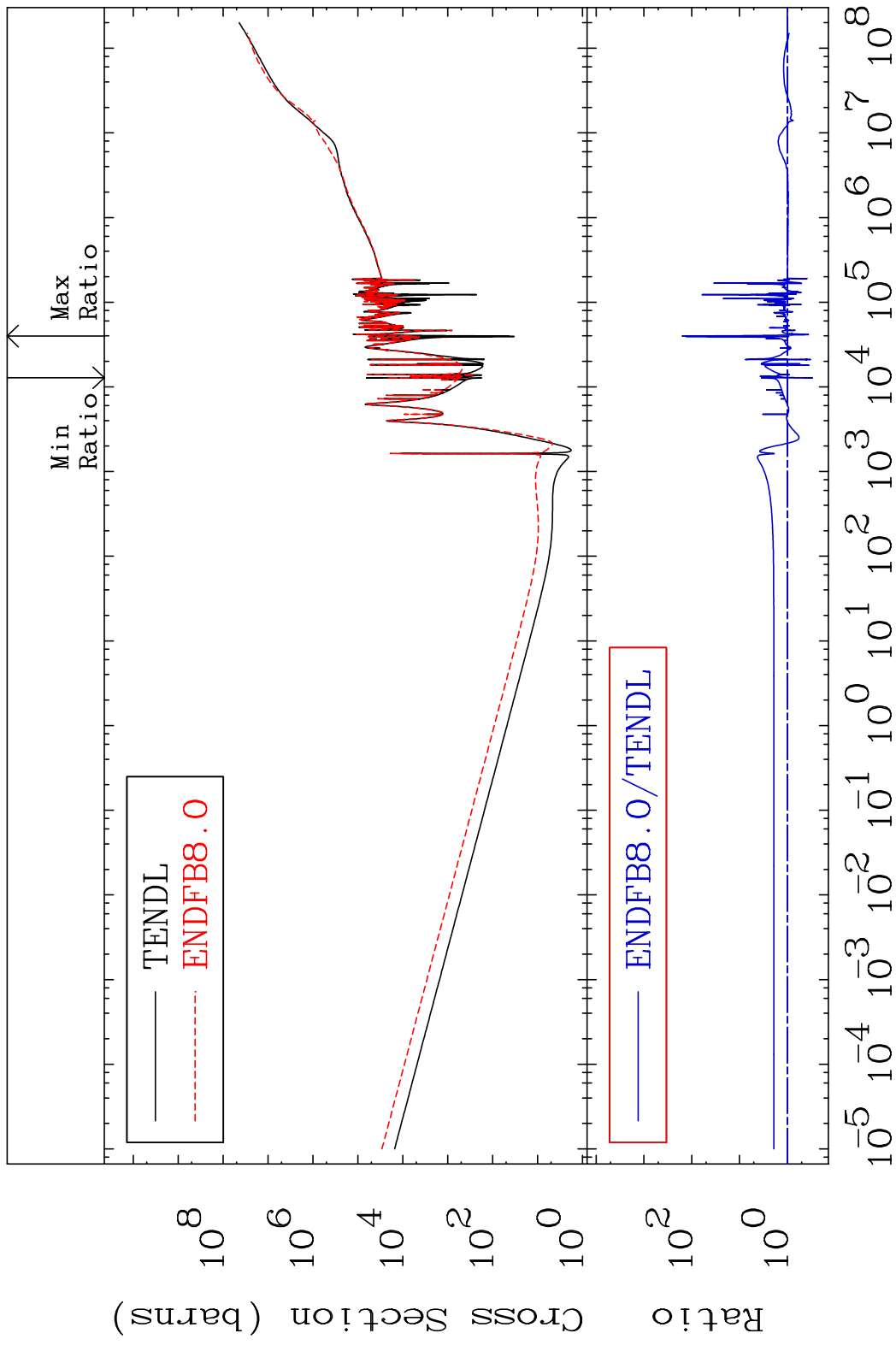
26-Fe-57

MAT 2634 Total photon (eV-barns) 26-Fe-57
 Cross Section -86.73 To 233.8 %

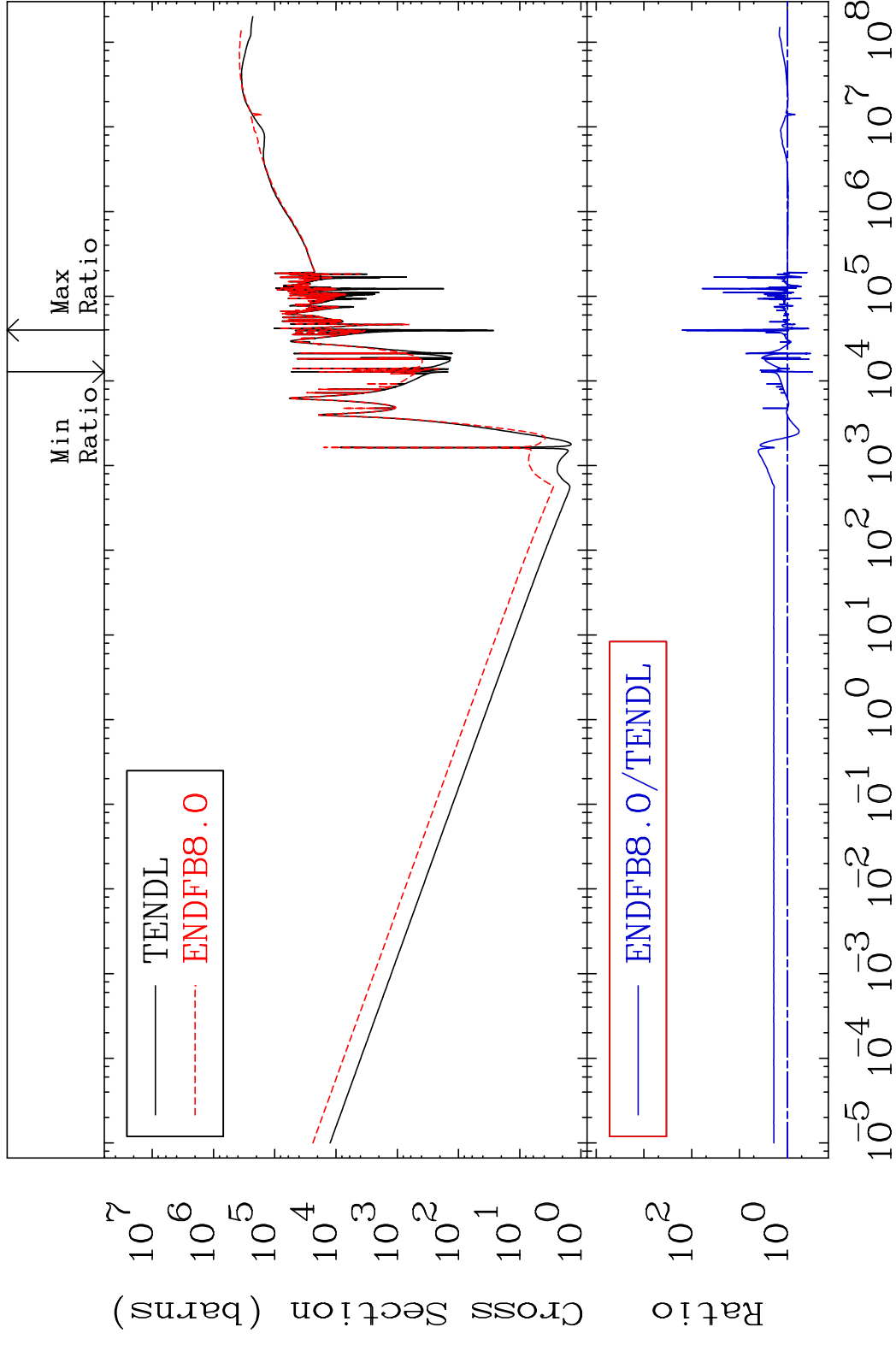


36 Incident Energy (eV) 26-Fe-57

MAT 2634 Total kinematic kerma (high limit) 26-Fe-57
 Cross Section -70.53 To 9999. %



MAT 2634 Dpa total (eV-barns) 26-Fe-57
 Cross Section -70.55 To 9999. %

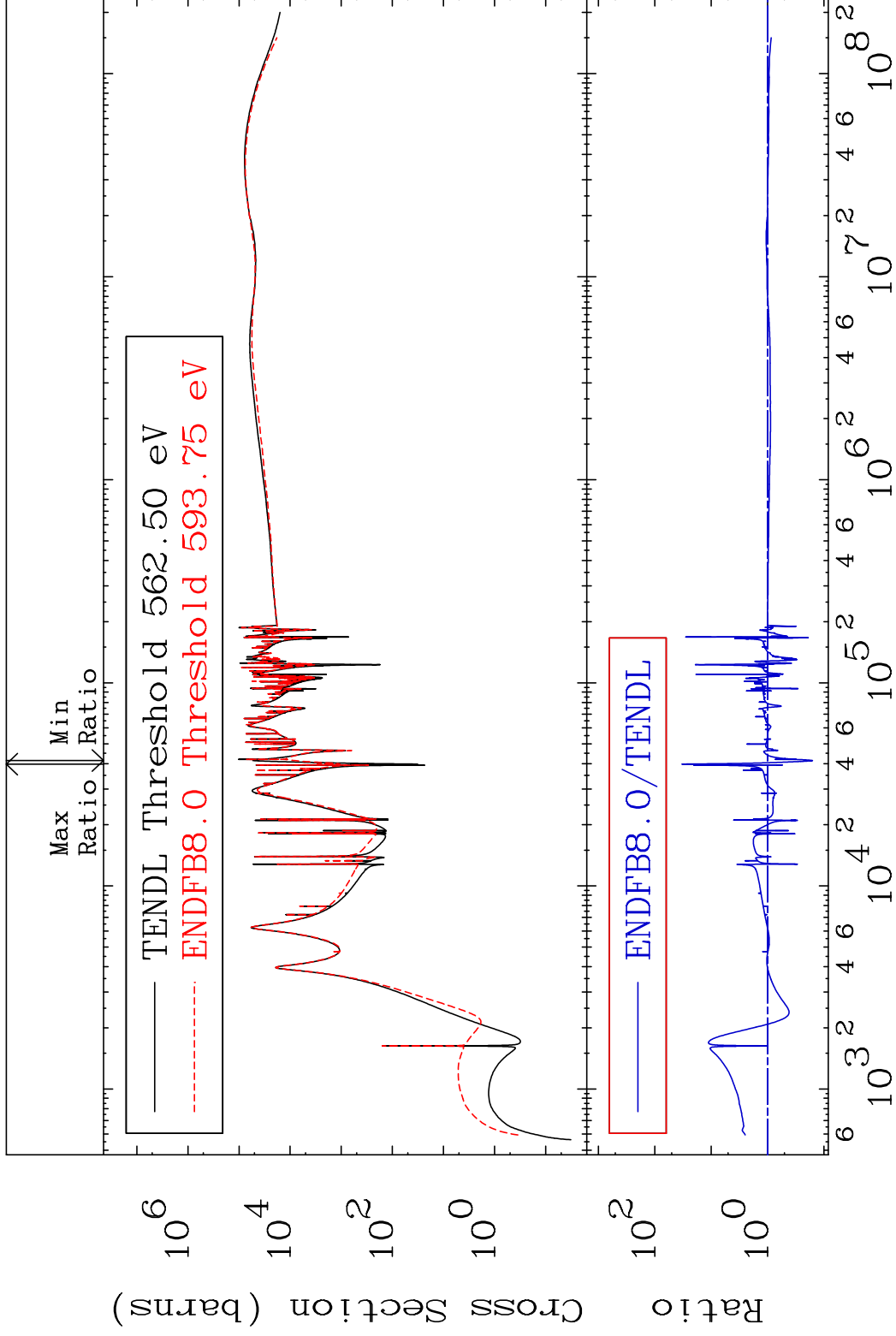


MAT 2634

Dpa elastic (mt2)

26-Fe-57

Cross Section -84.08 To 3161. %

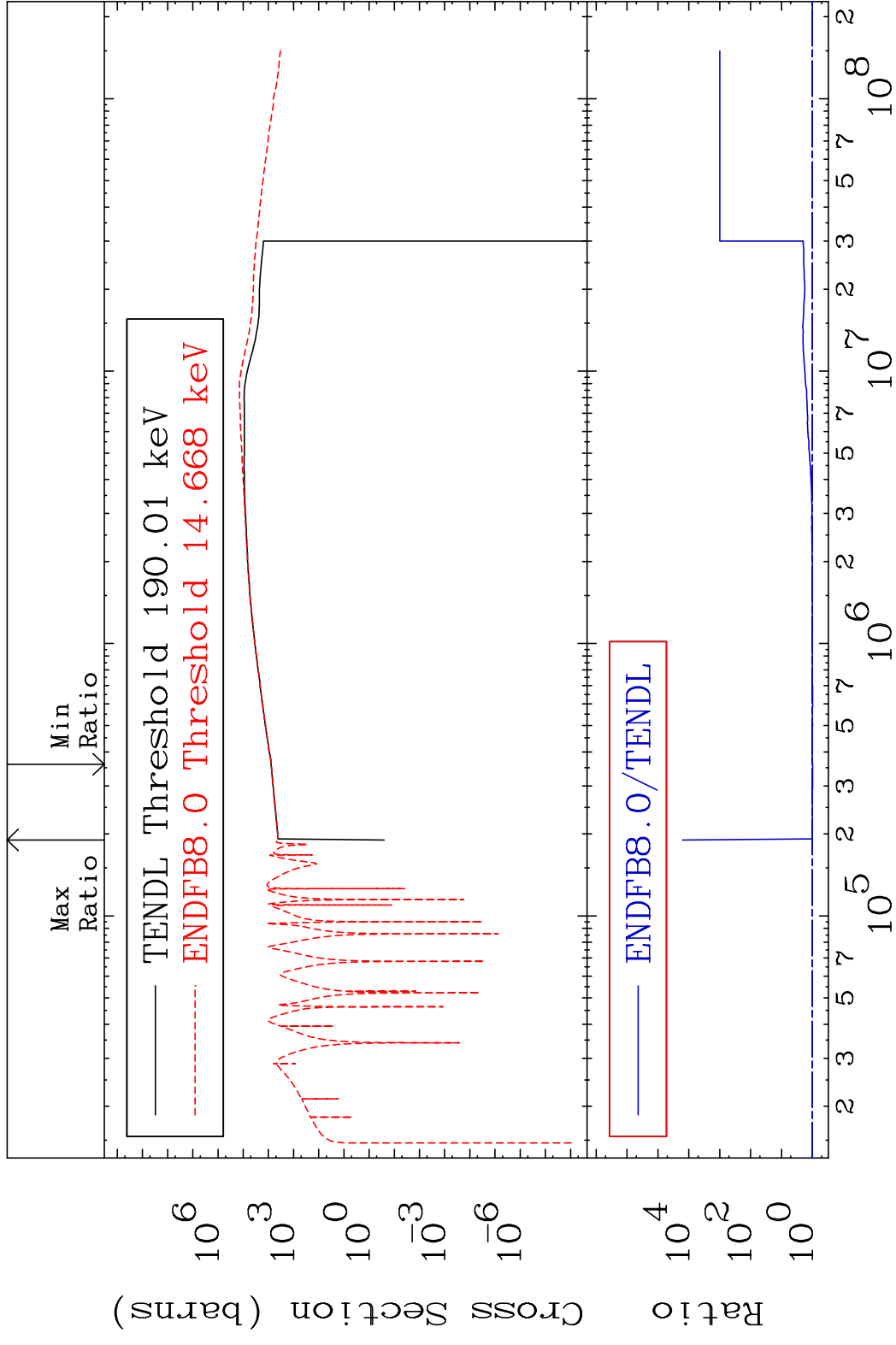


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Incident Energy (eV)

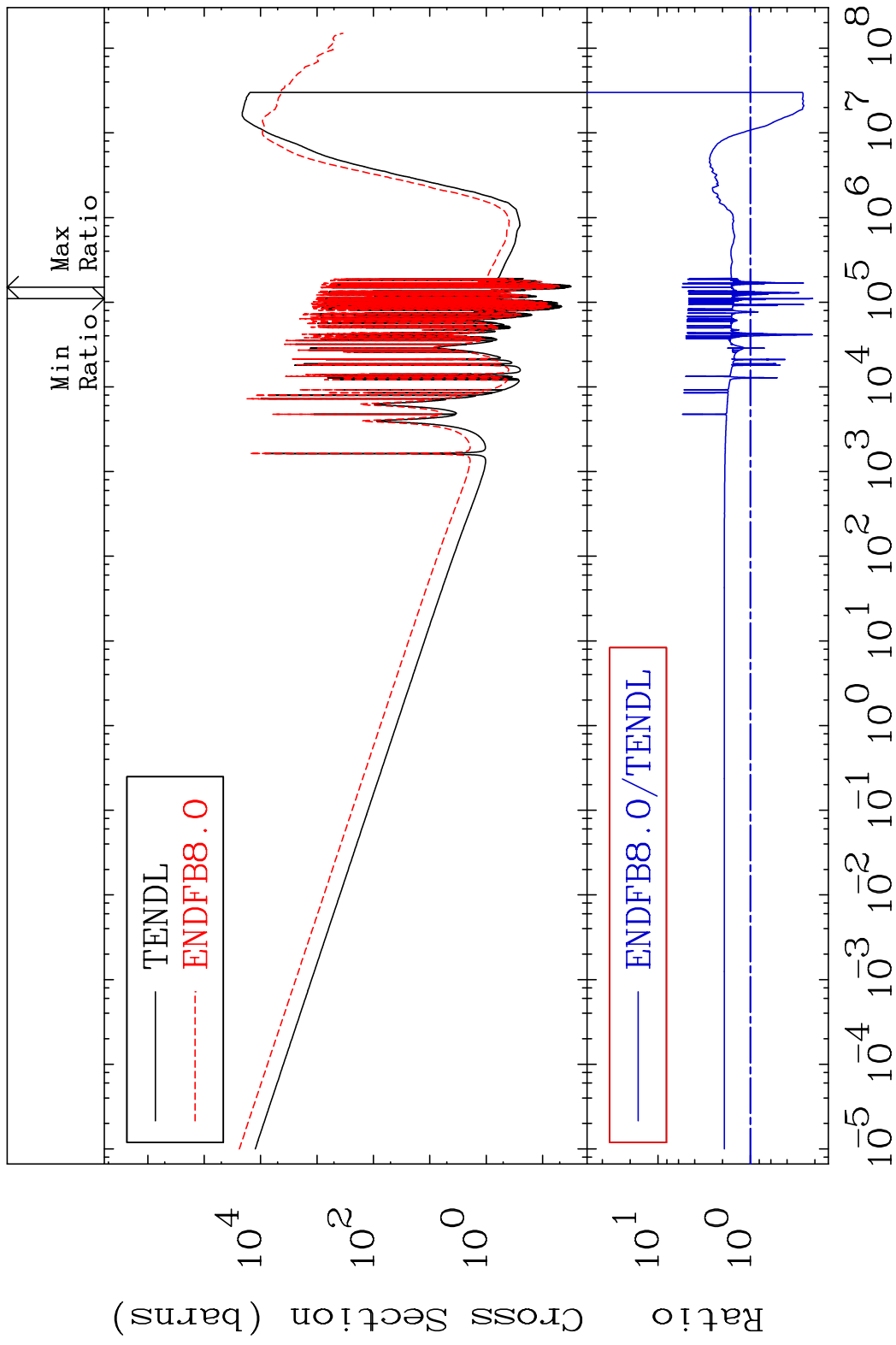
26-Fe-57

MAT 2634 Dpa inelastic (mt51-91) 26-Fe-57
 Cross Section -1.291 To 9999. %



40 Incident Energy (eV) 26-Fe-57

MAT 2634 Dpa disappearance (mt102 -120) 26-Fe-57
 Cross Section -78.80 To 445.3 %



41 Incident Energy (eV) 26-Fe-57