

Program Complot
(Version 2018-1)

by

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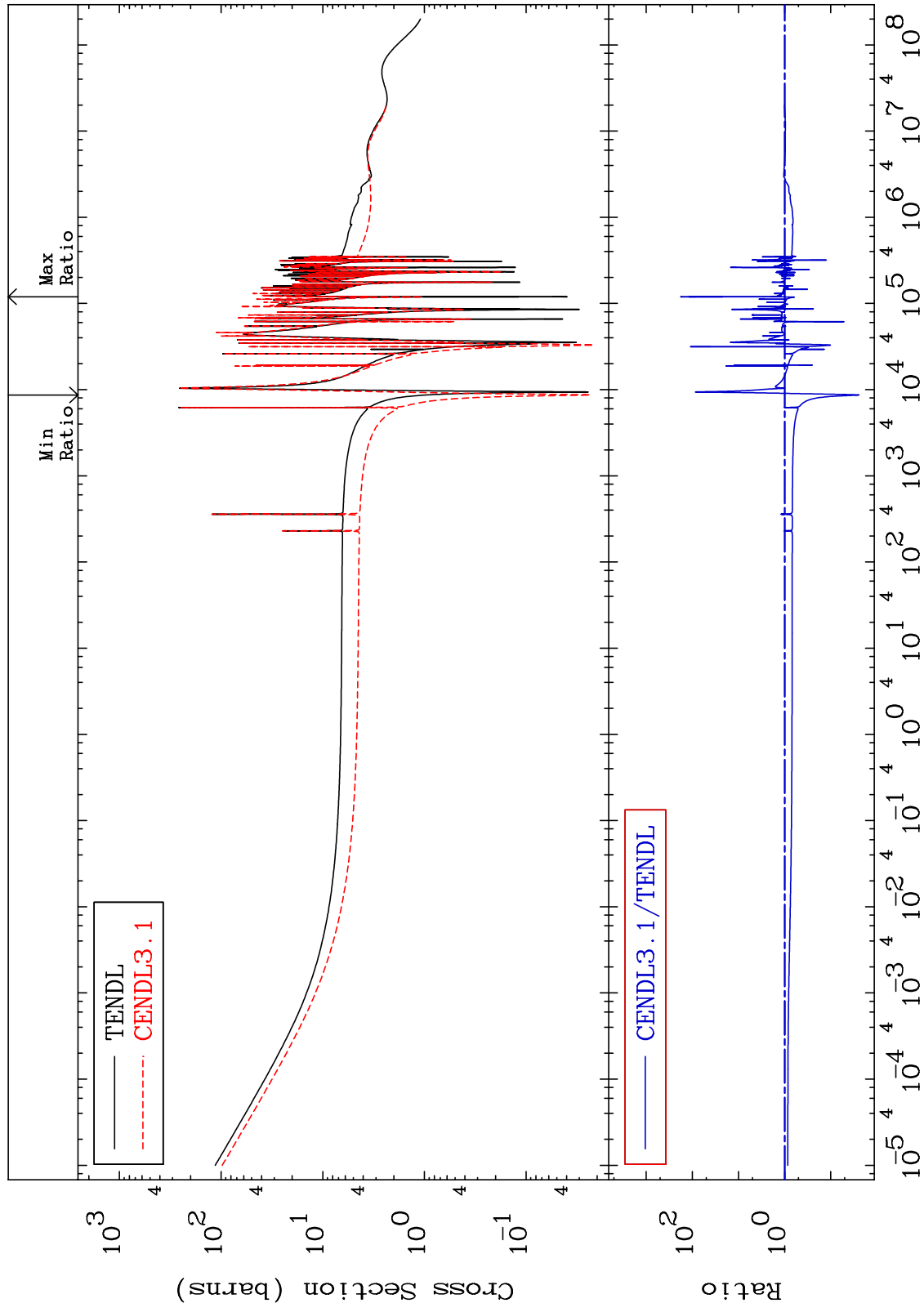
U.S.A.

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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2637 Total Cross Section 26-Fe-58 -97.56 To 9999. %



26-Fe-58

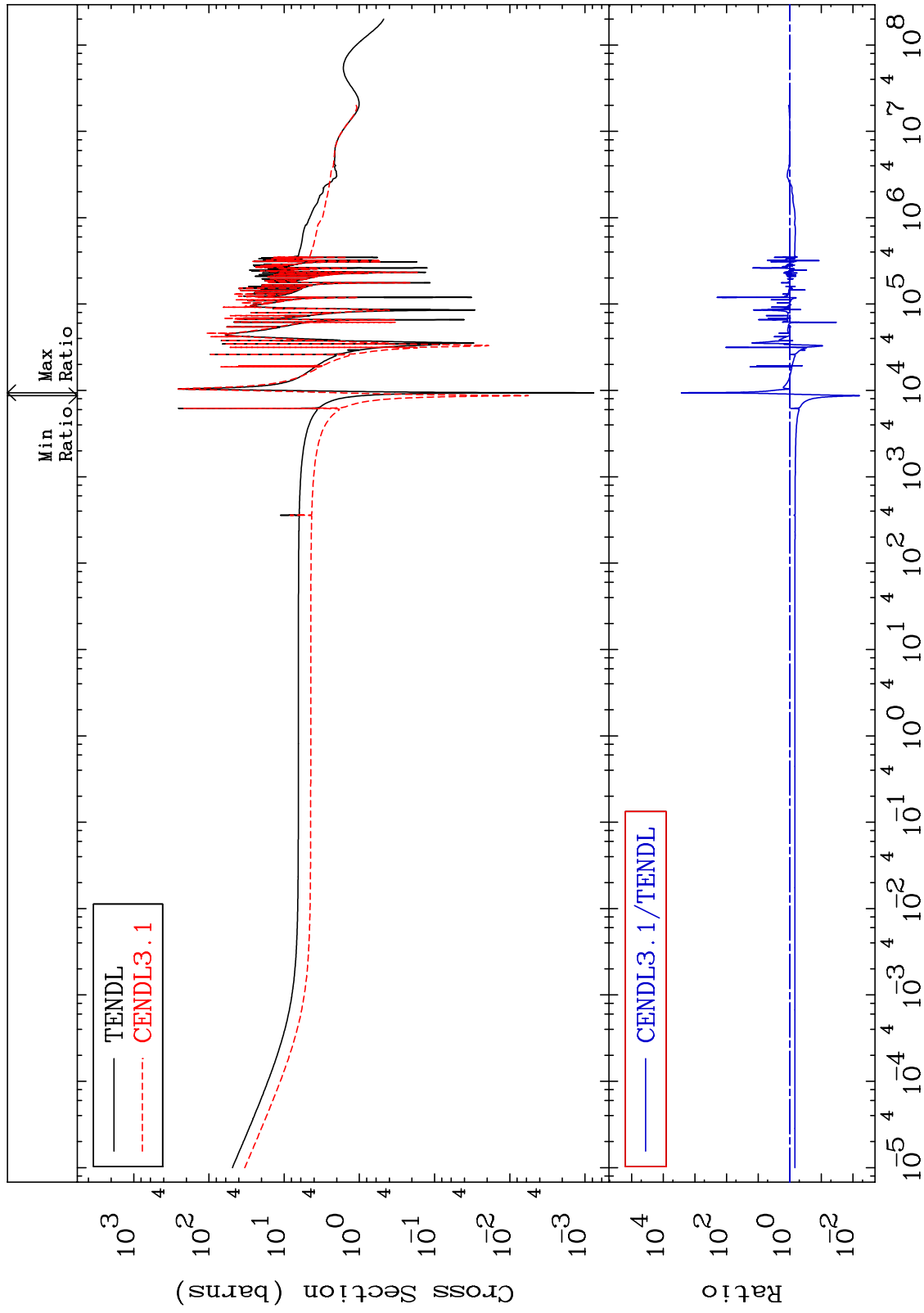
Incident Energy (eV)

1

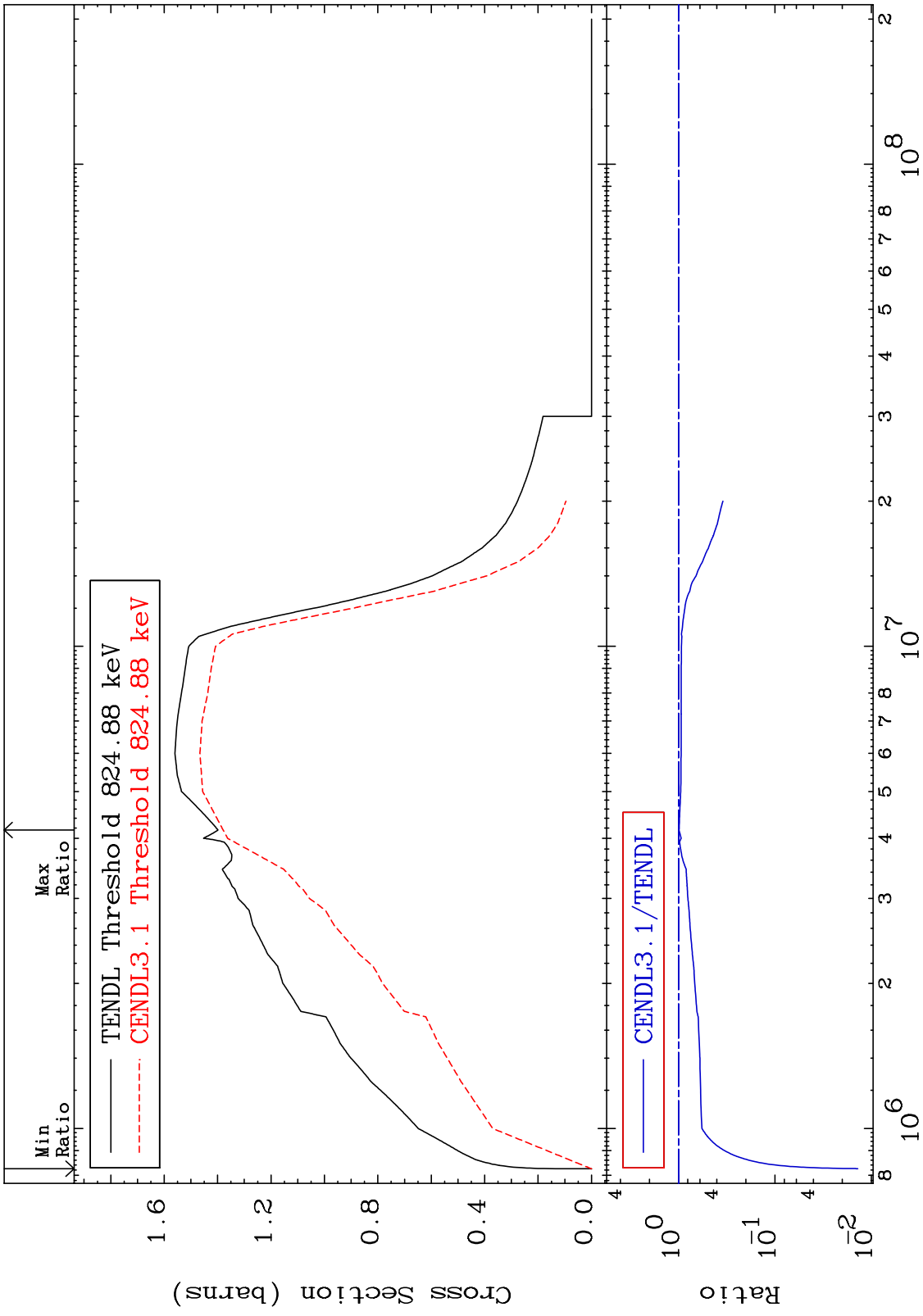
MAT 2637

Elastic
Cross Section

26-Fe-58
-99.39 To 9999. %

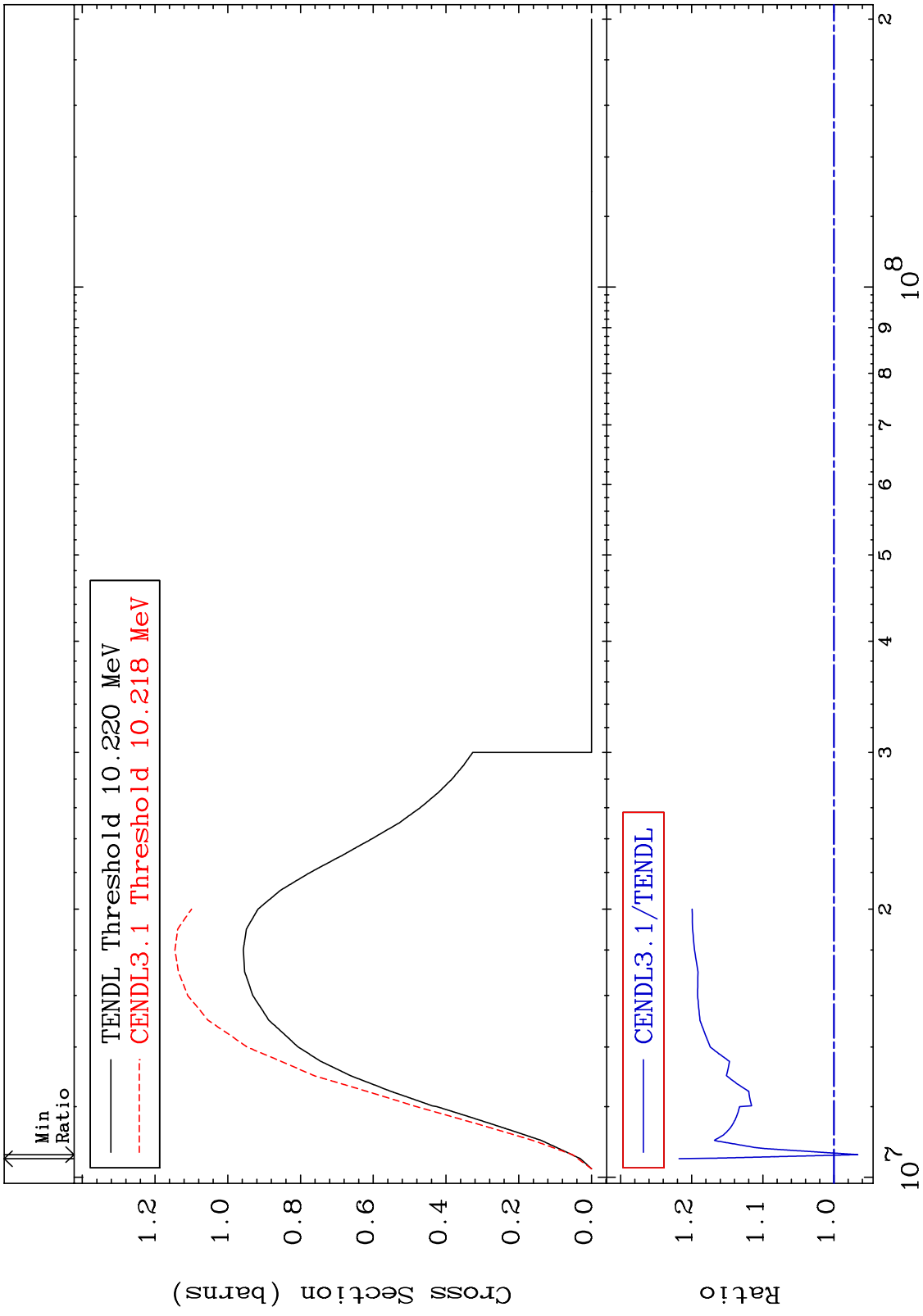


MAT 2637 Inelastic Cross Section 26-Fe-58 -98.62 To -1.358%



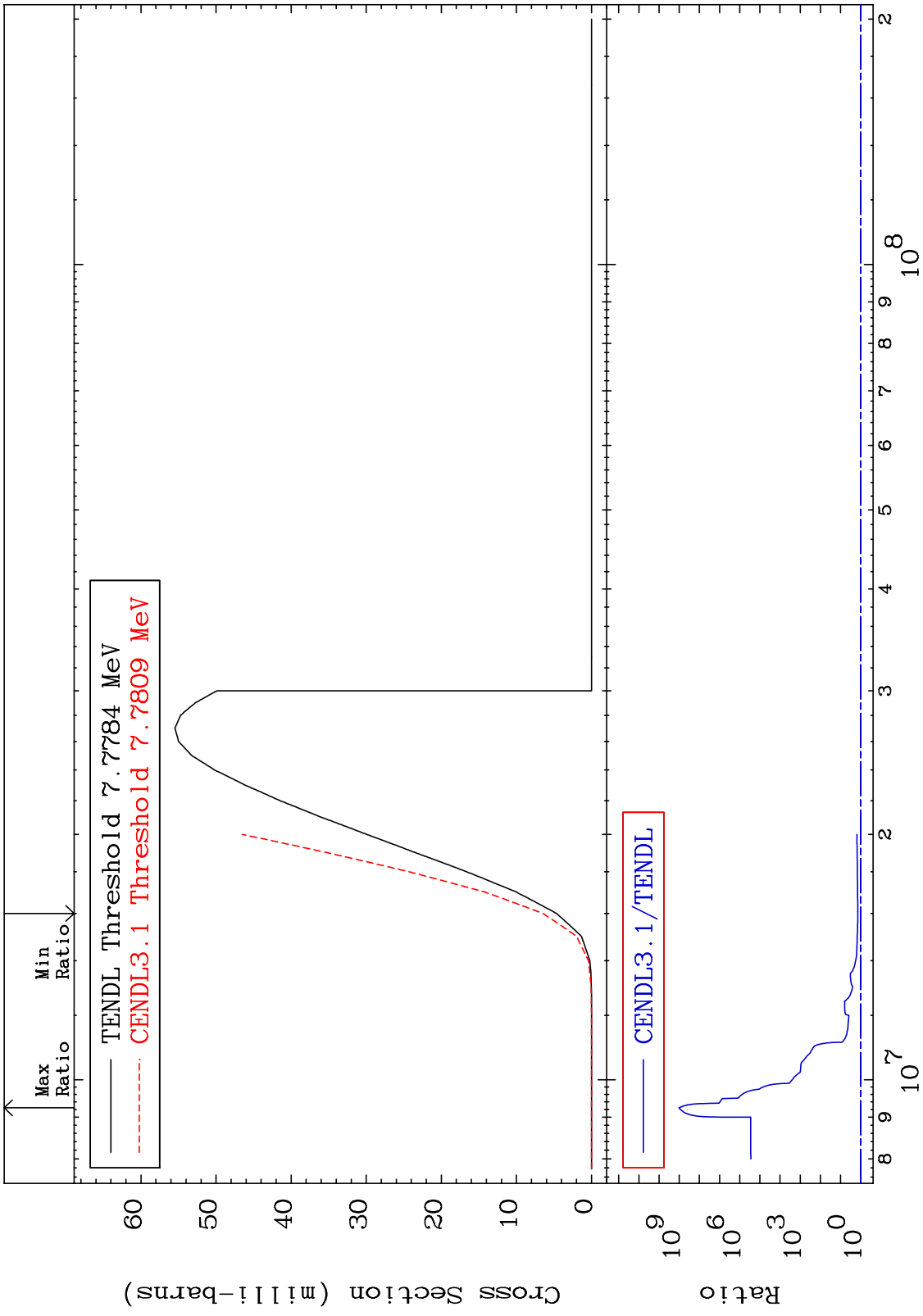
3 Incident Energy (eV) 26-Fe-58

MAT 2637 (n,2n) Cross Section 26-Fe-58 -3.359 To 21.79 %



26-Fe-58 Incident Energy (eV)

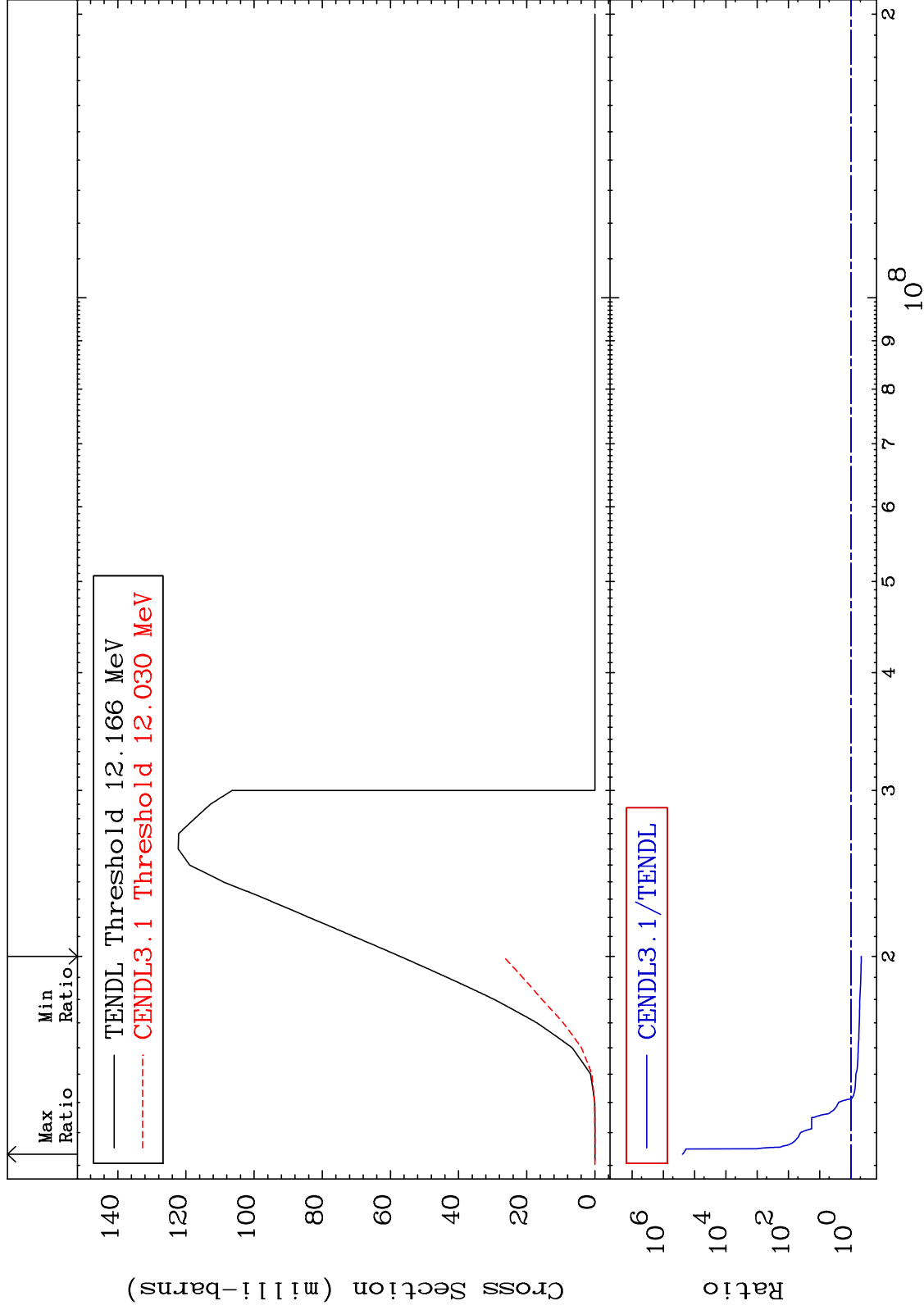
MAT 2637 $(n, n') \alpha$ 26-Fe-58
 Cross Section 38.83 To 9999. %



MAT 2637

(n,n') p
Cross Section

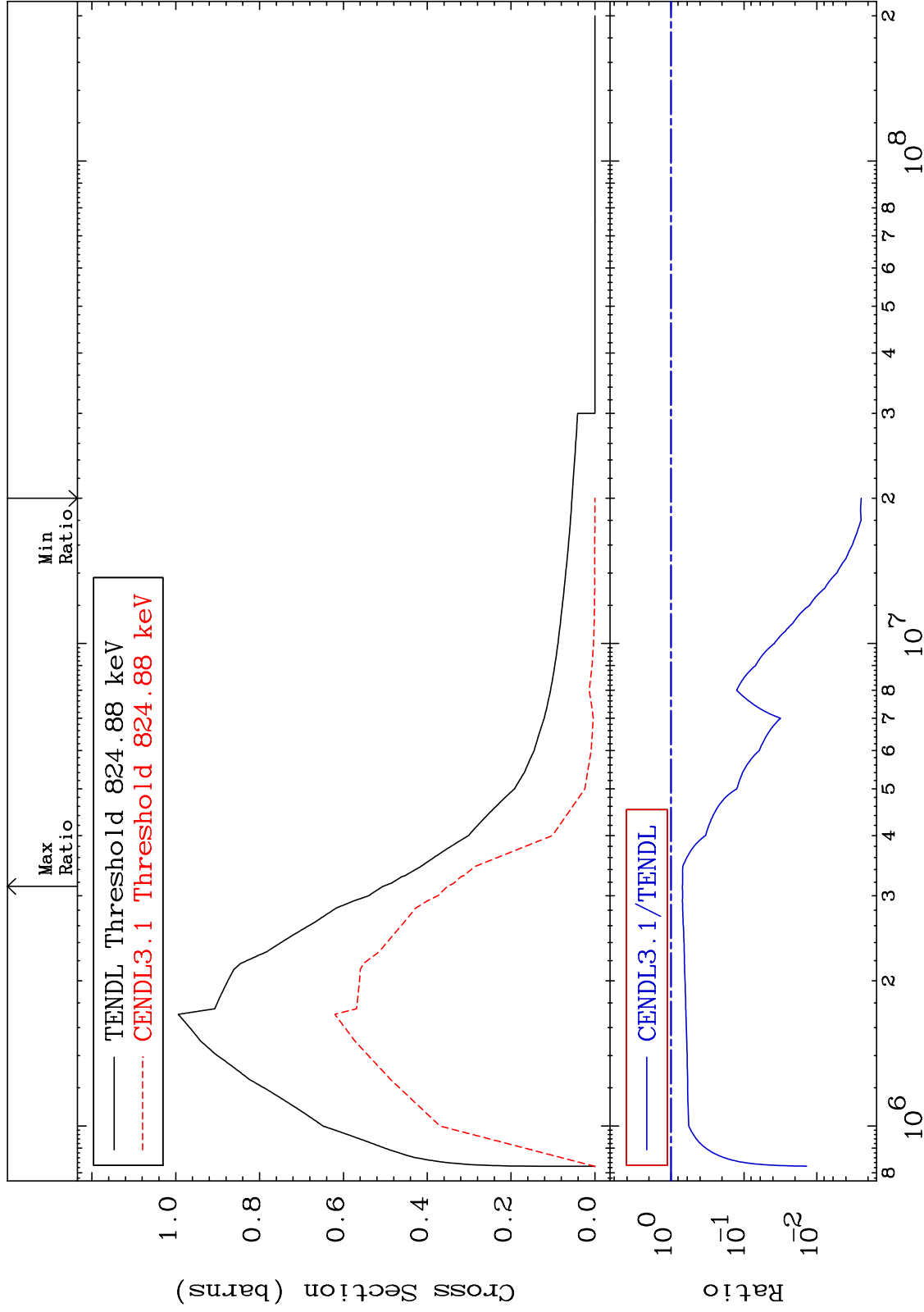
26-Fe-58
-52.99 To 9999. %



MAT 2637

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

26-Fe-58
-99.75 To -30.43%

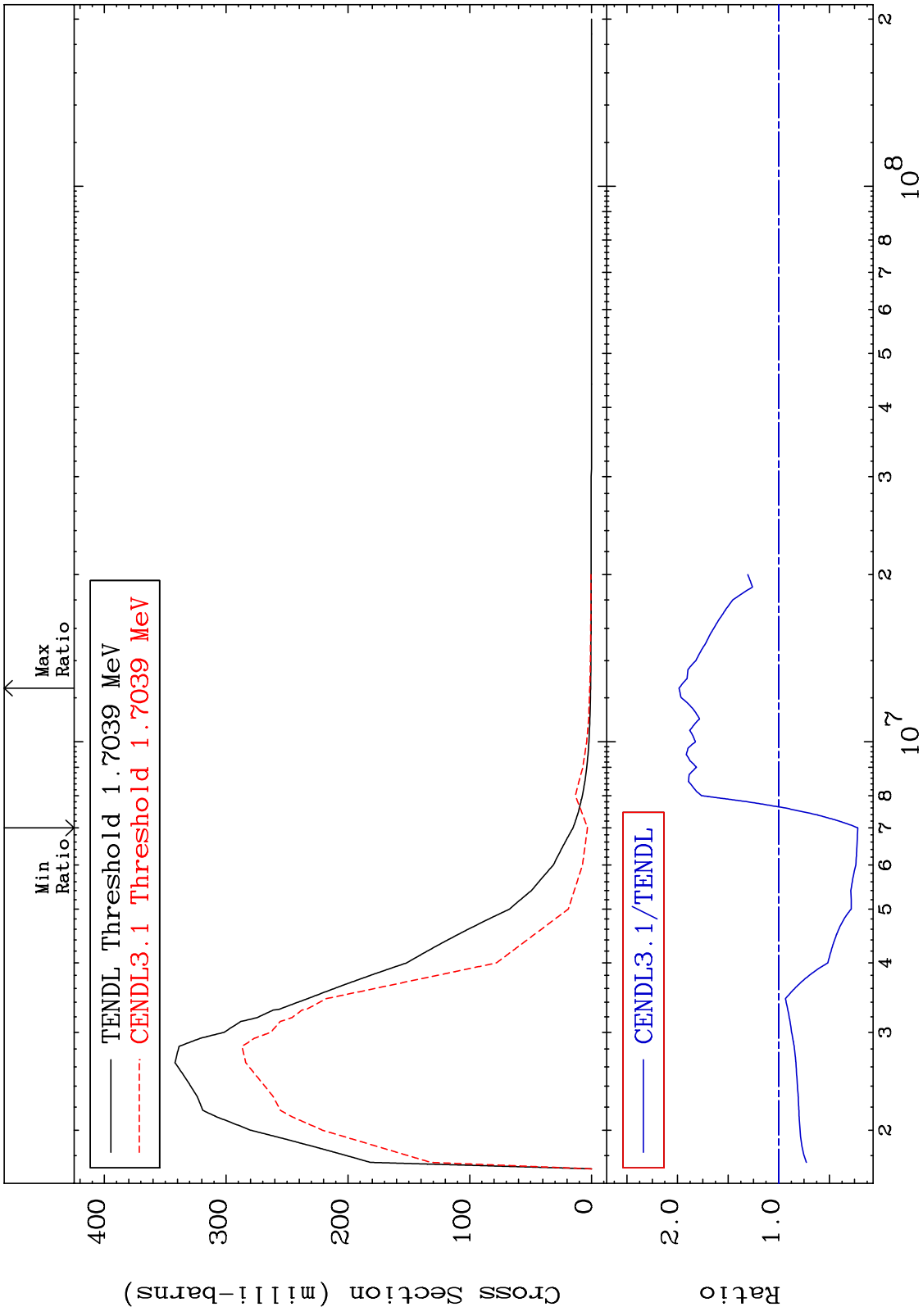


7

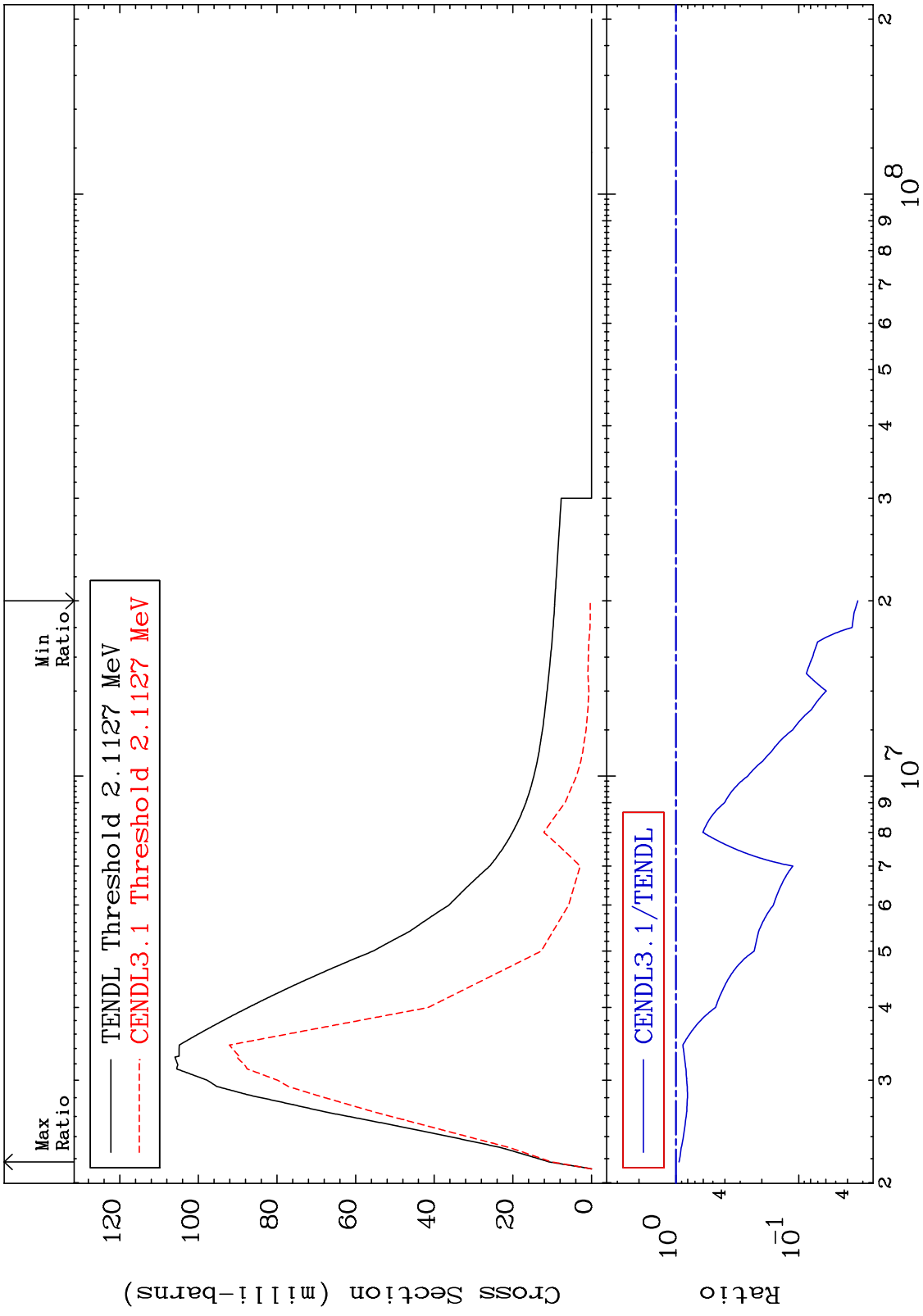
Incident Energy (eV)

26-Fe-58

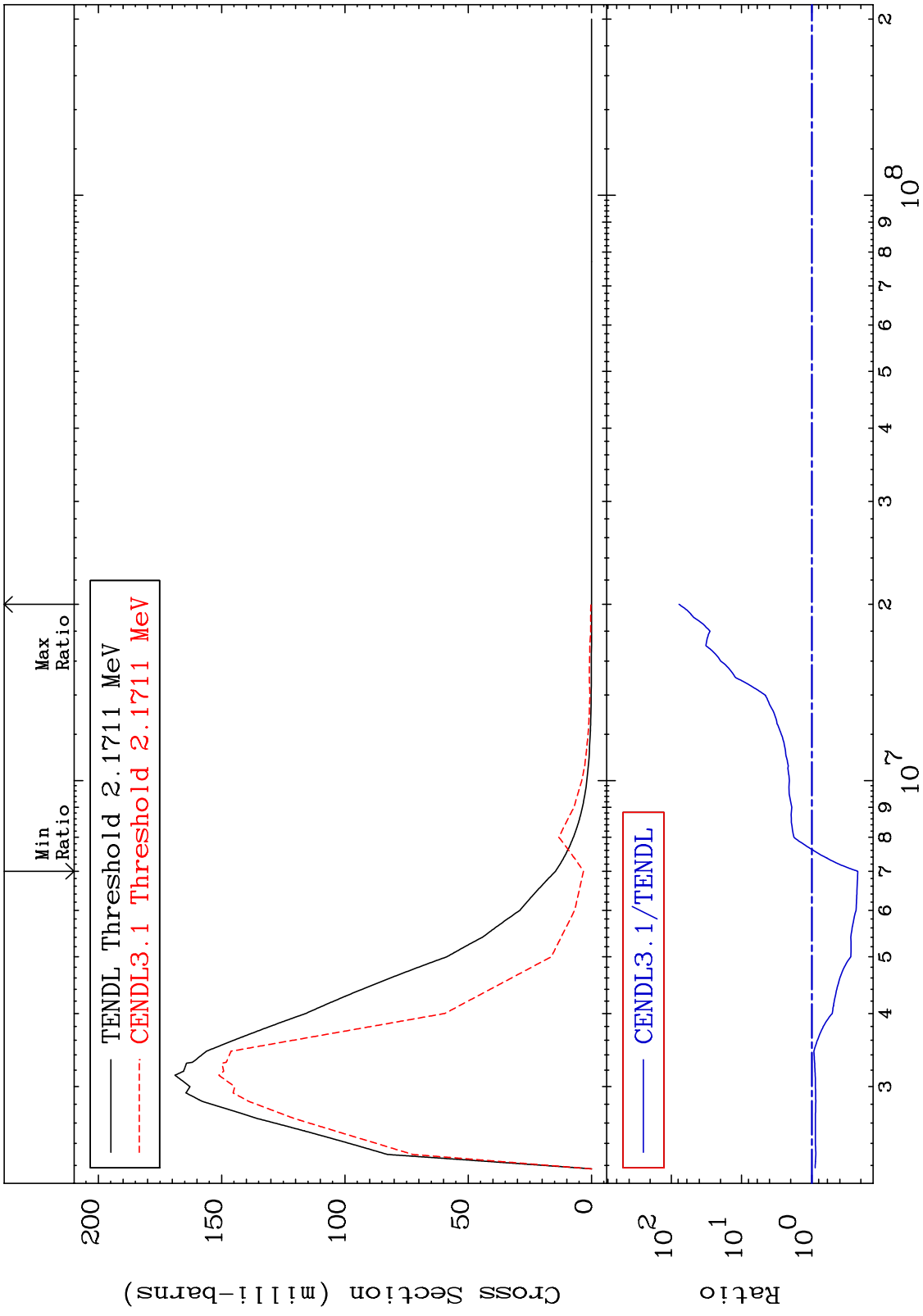
MAT 2637 MT= 52 (n,n') Level Cross Section -78.19 To 98.50 % 26-Fe-58



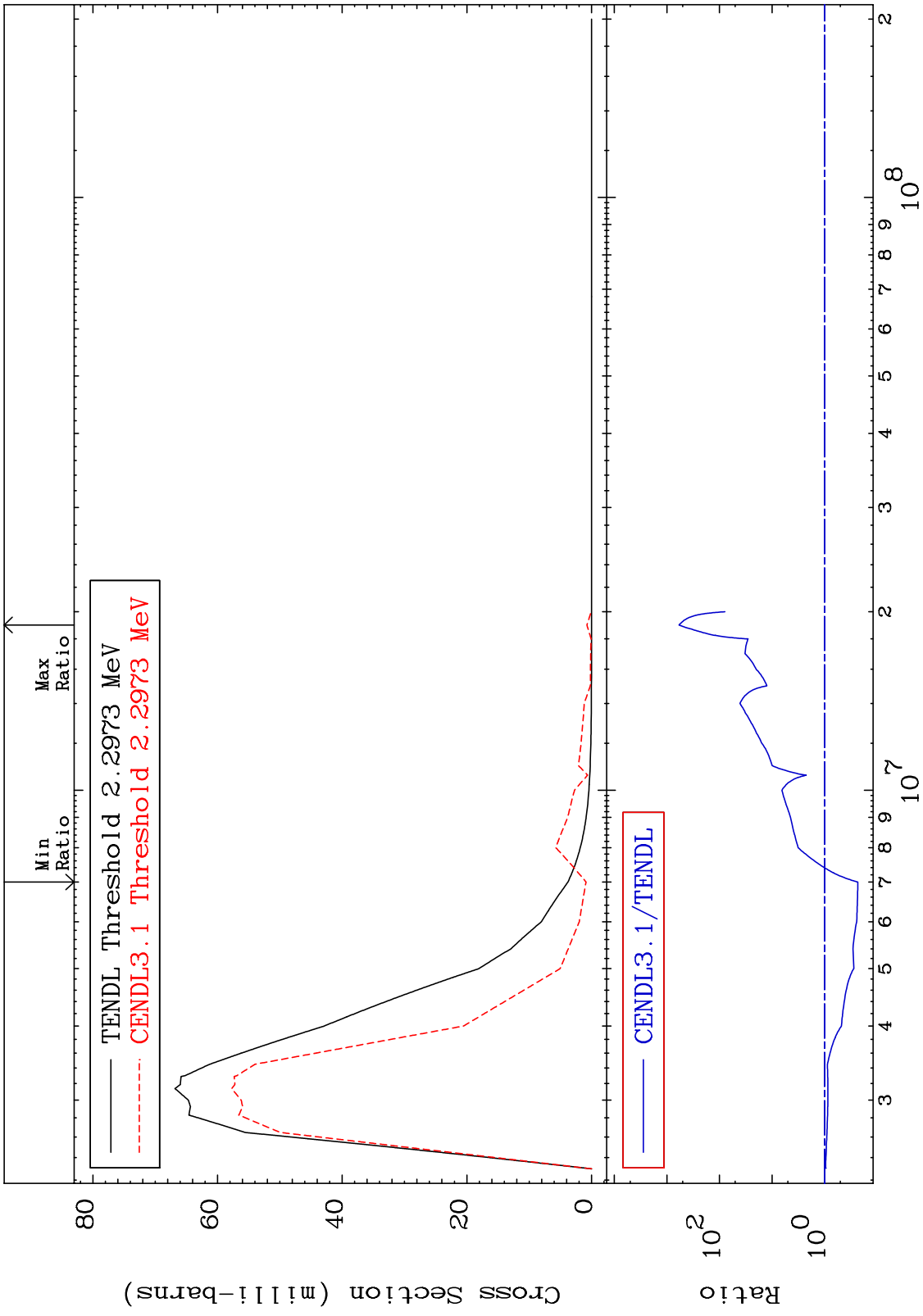
MAT 2637 MT= 53 (n,n') Level Cross Section 26-Fe-58 -96.70 To -5.673%



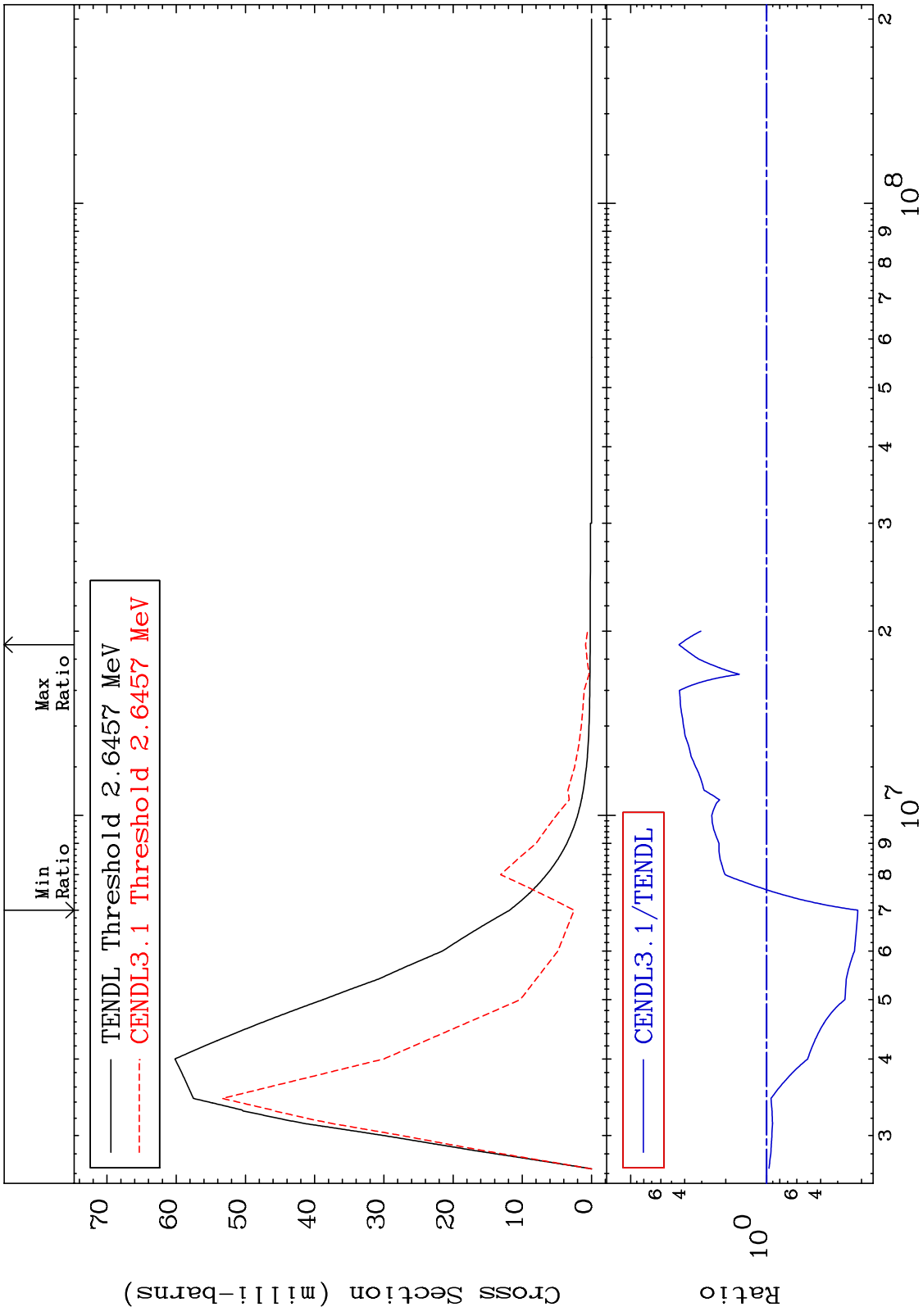
MAT 2637 MT= 54 (n,n') Level Cross Section -77.87 To 7675. % 26-Fe-58



MAT 2637 MT= 55 (n,n') Level Cross Section -76.73 To 9999. % 26-Fe-58



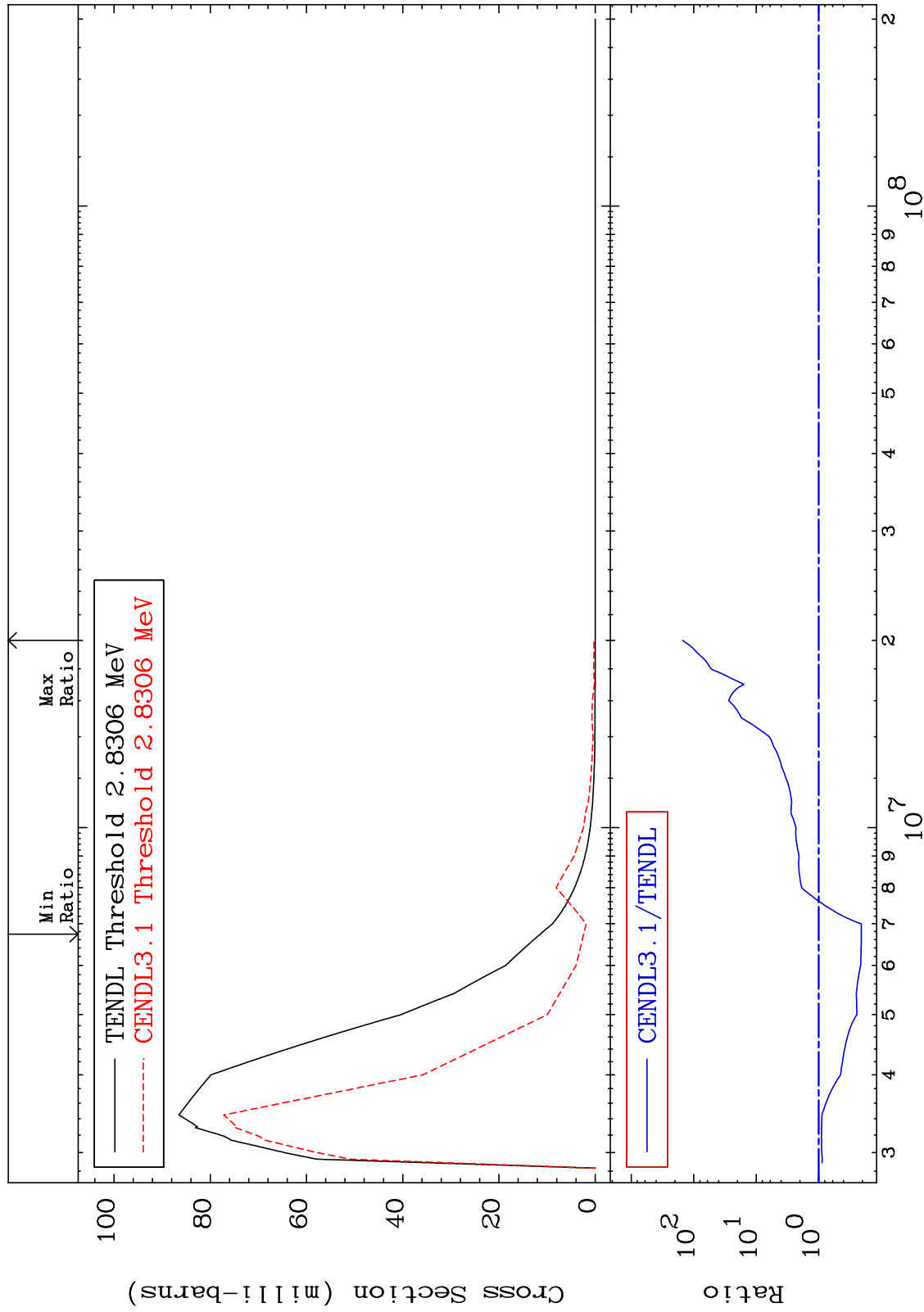
MAT 2637 MT= 56 (n,n') Level Cross Section -78.69 To 340.7 % 26-Fe-58



MAT 2637

MT= 57 (n,n') Level
Cross Section

26-Fe-58
-79.13 To 9999. %

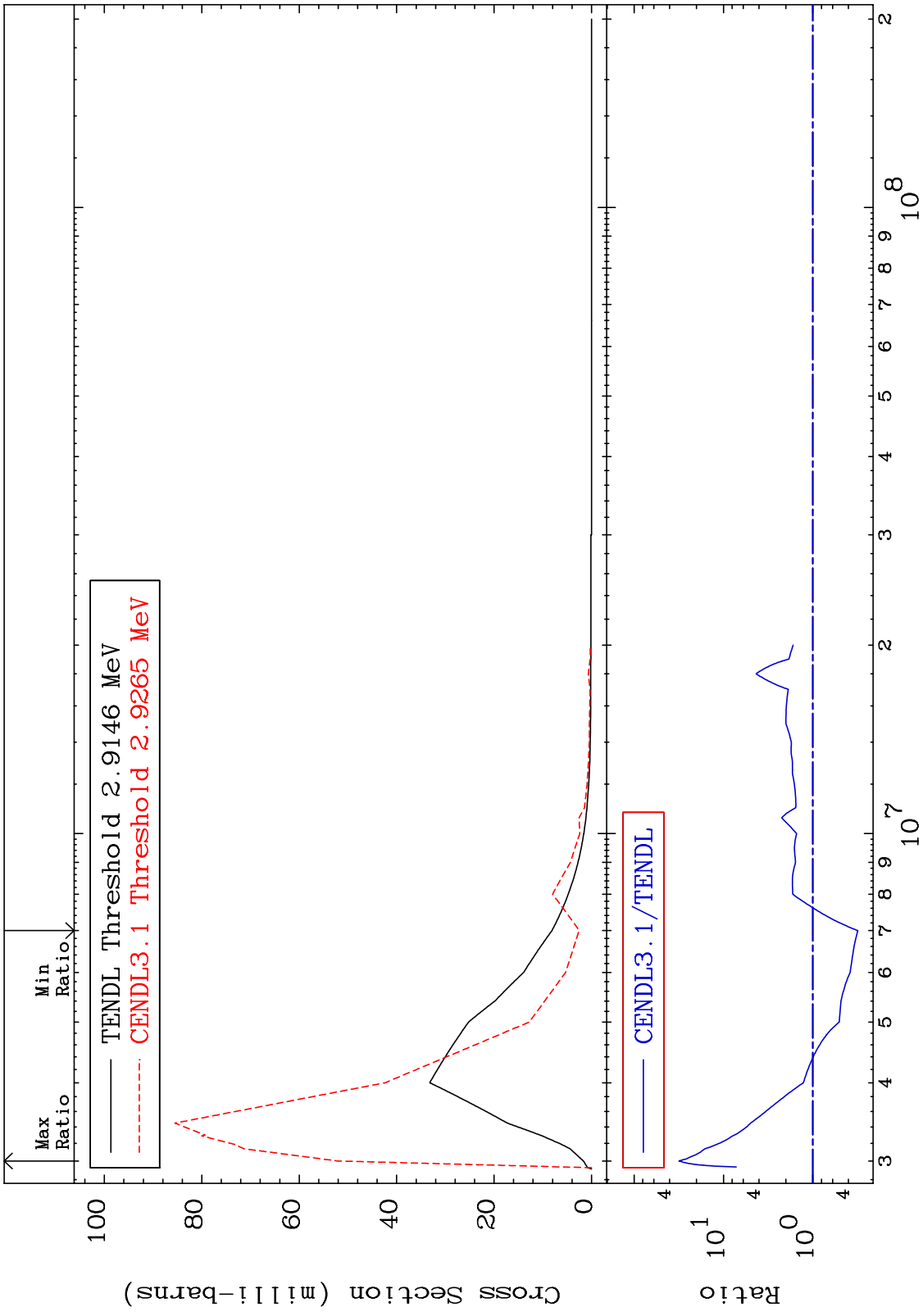


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Incident Energy (eV)

26-Fe-58

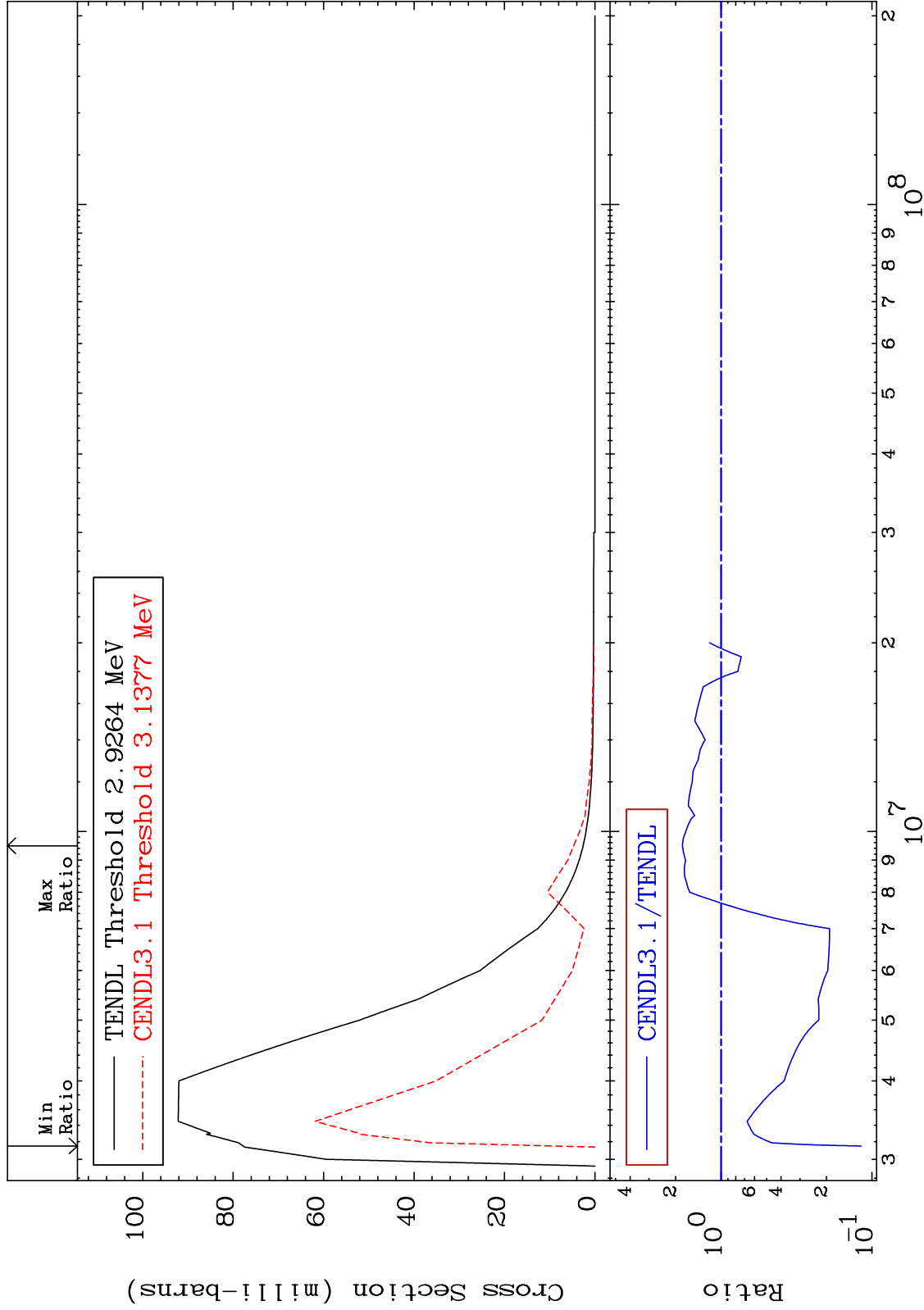
MAT 2637 MT= 58 (n,n') Level Cross Section -68.63 To 3041. % 26-Fe-58



MAT 2637

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

26-Fe-58
-88.22 To 79.96 %

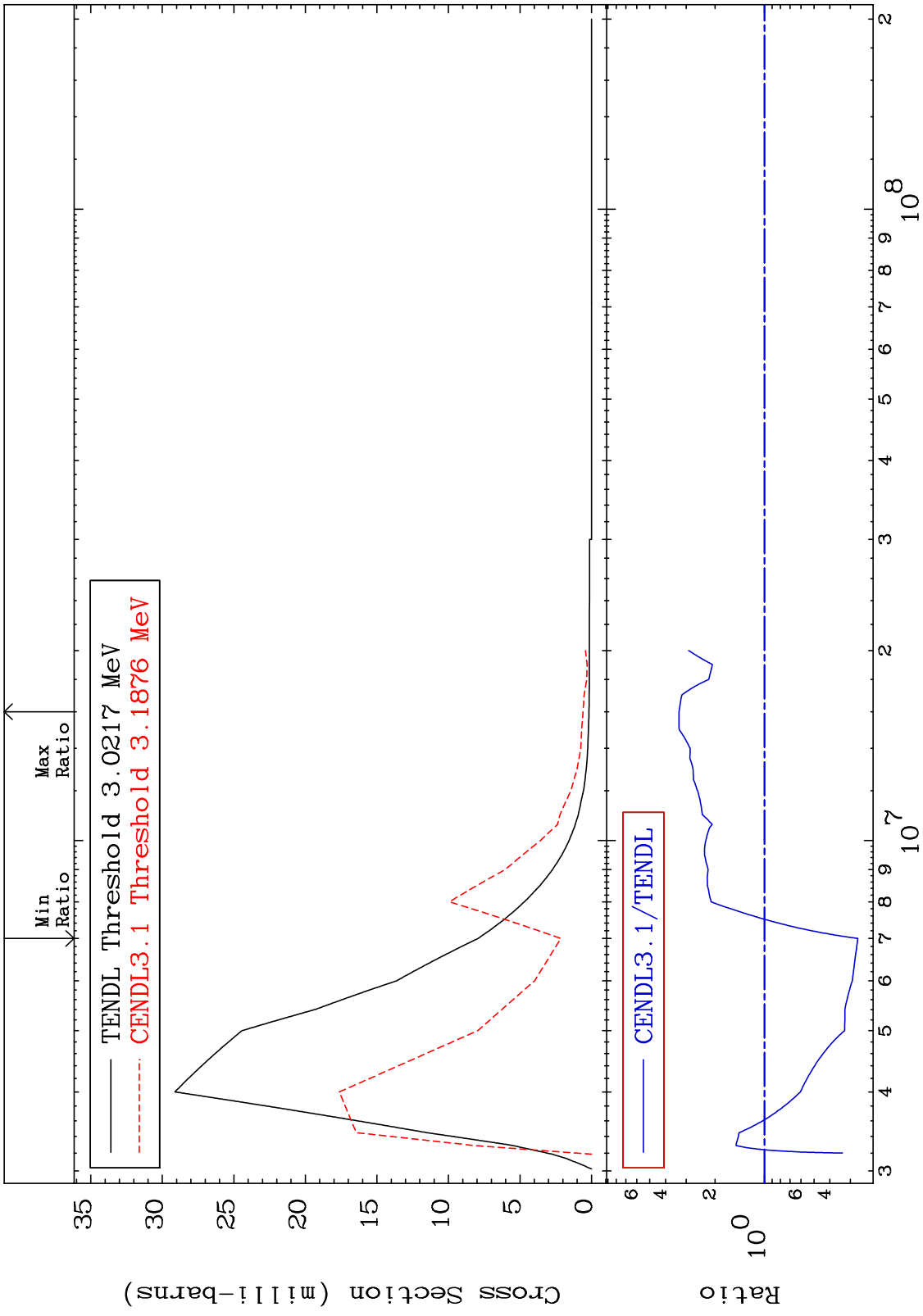


15

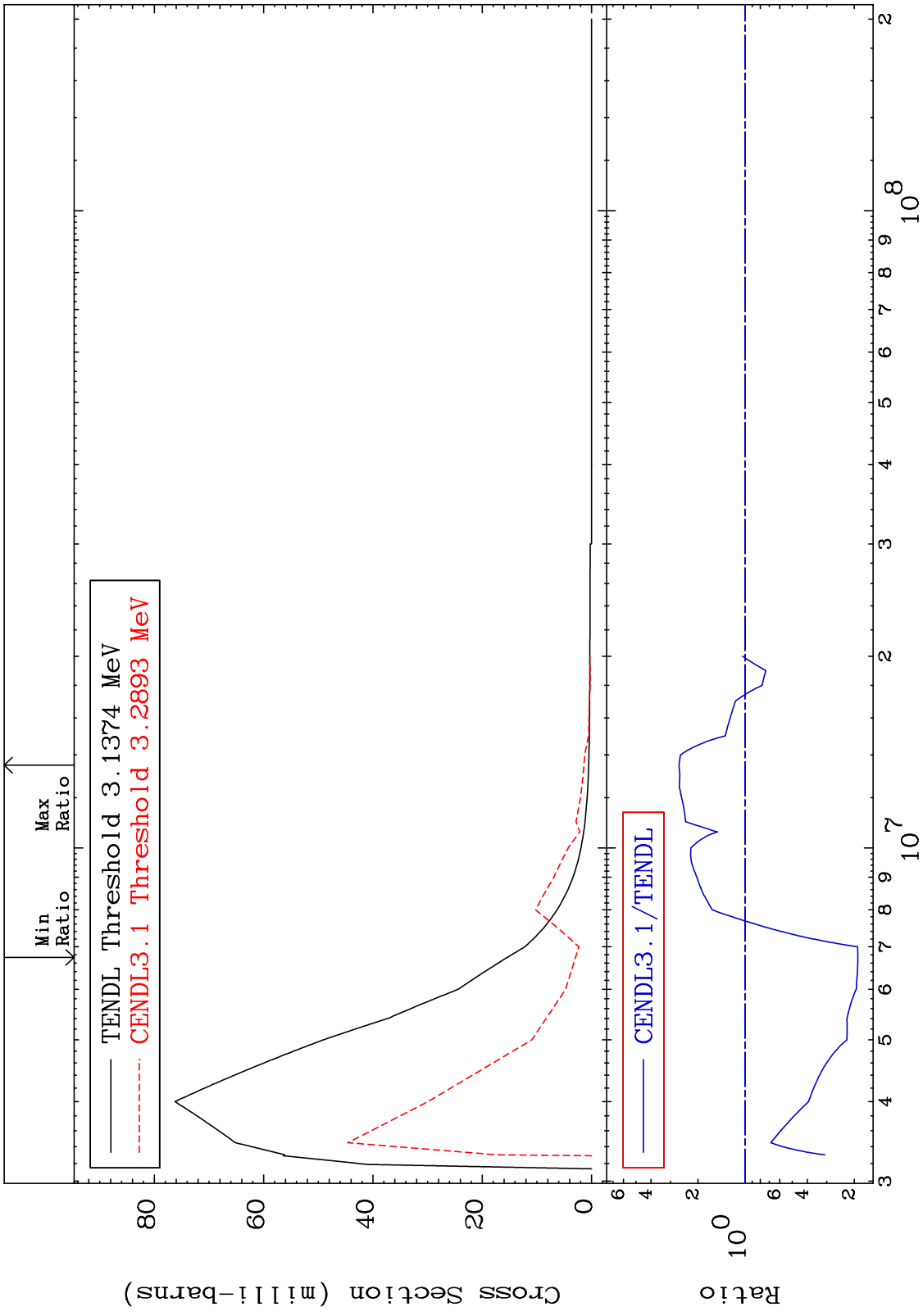
Incident Energy (eV)

26-Fe-58

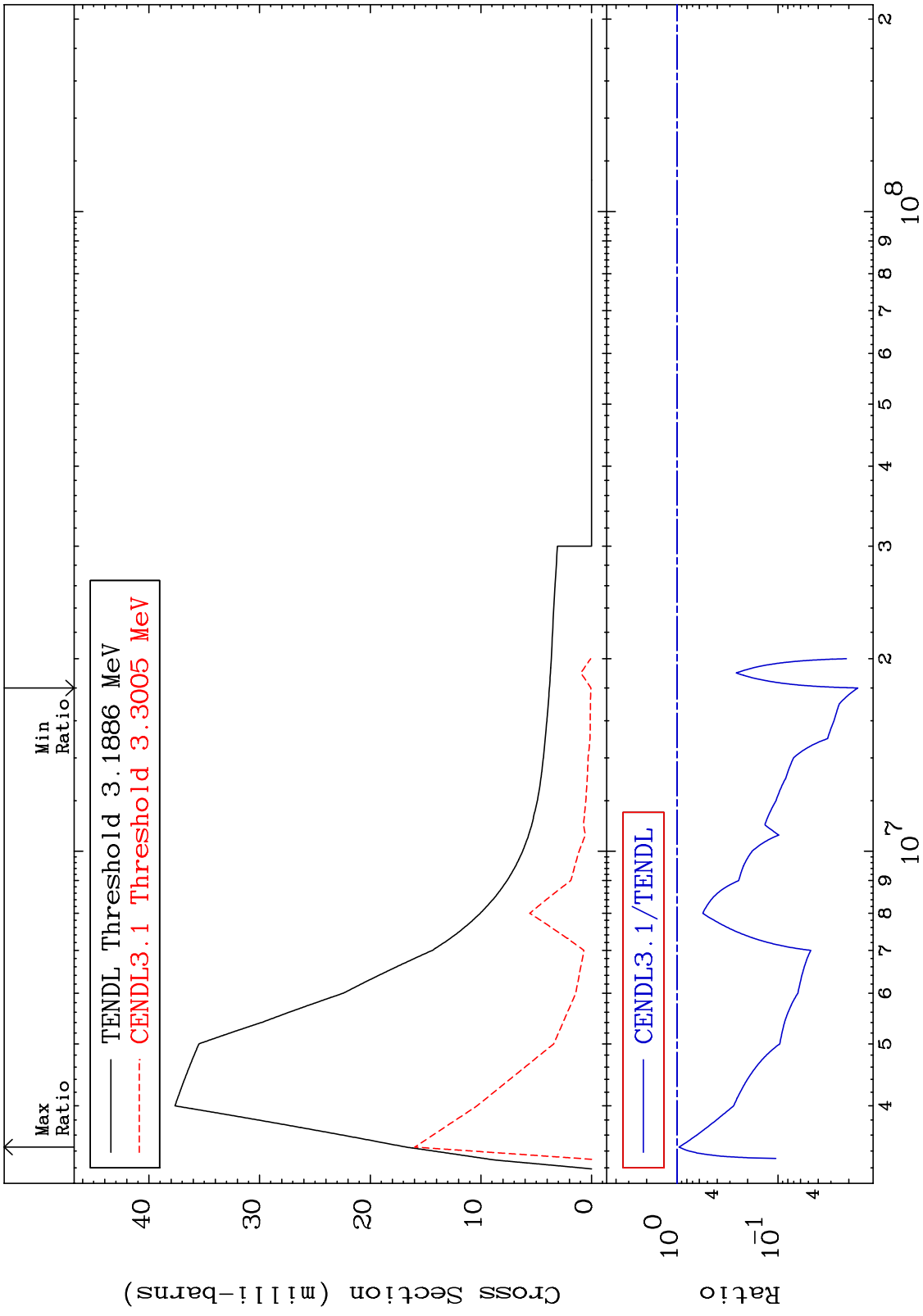
MAT 2637 MT= 60 (n,n') Level Cross Section -72.97 To 231.7 % 26-Fe-58

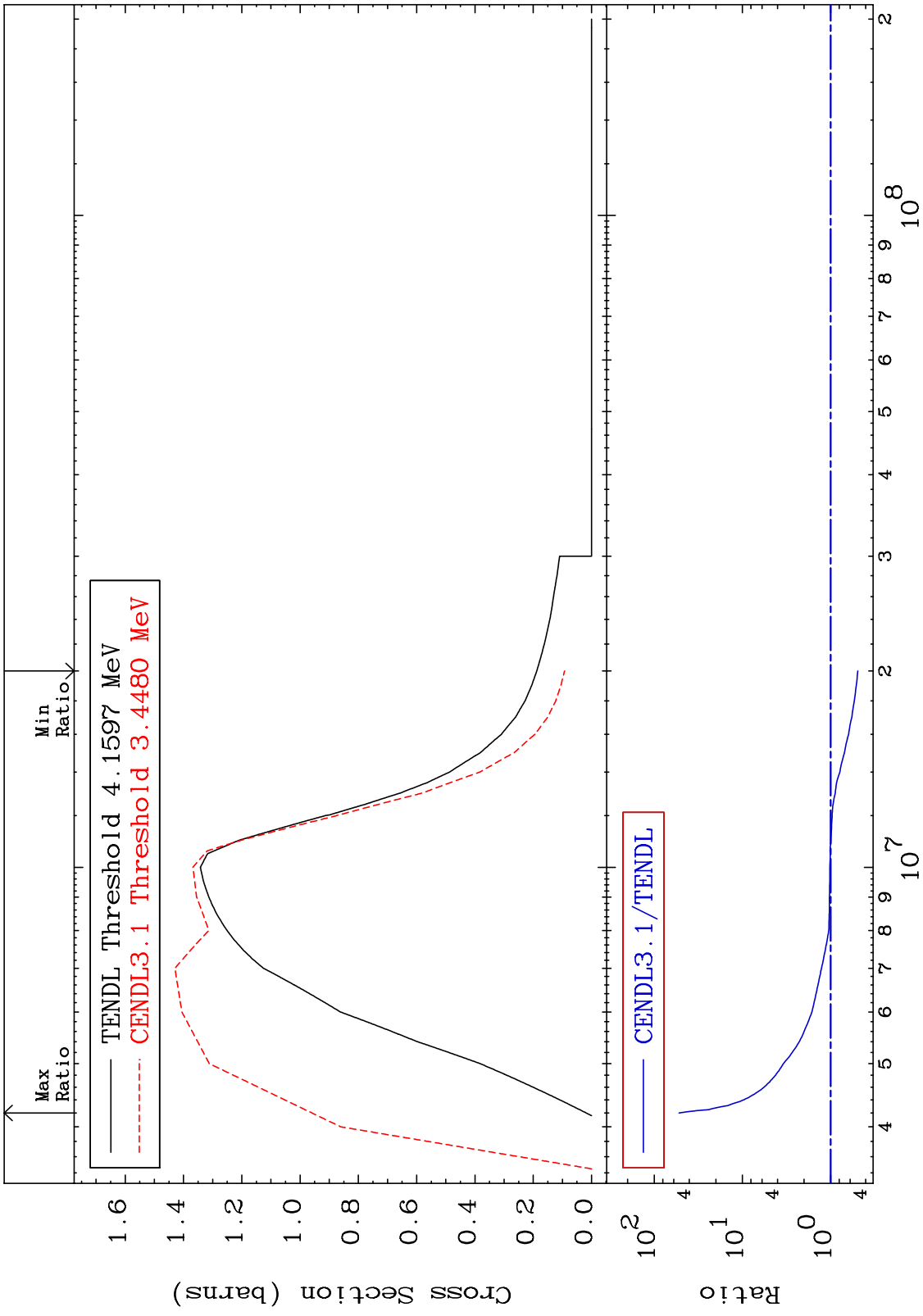


MAT 2637 MT= 61 (n,n') Level Cross Section 26-Fe-58
 -81.02 To 164.5 %



MAT 2637 MT= 62 (n,n') Level Cross Section 26-Fe-58
 -98.37 To -4.652%





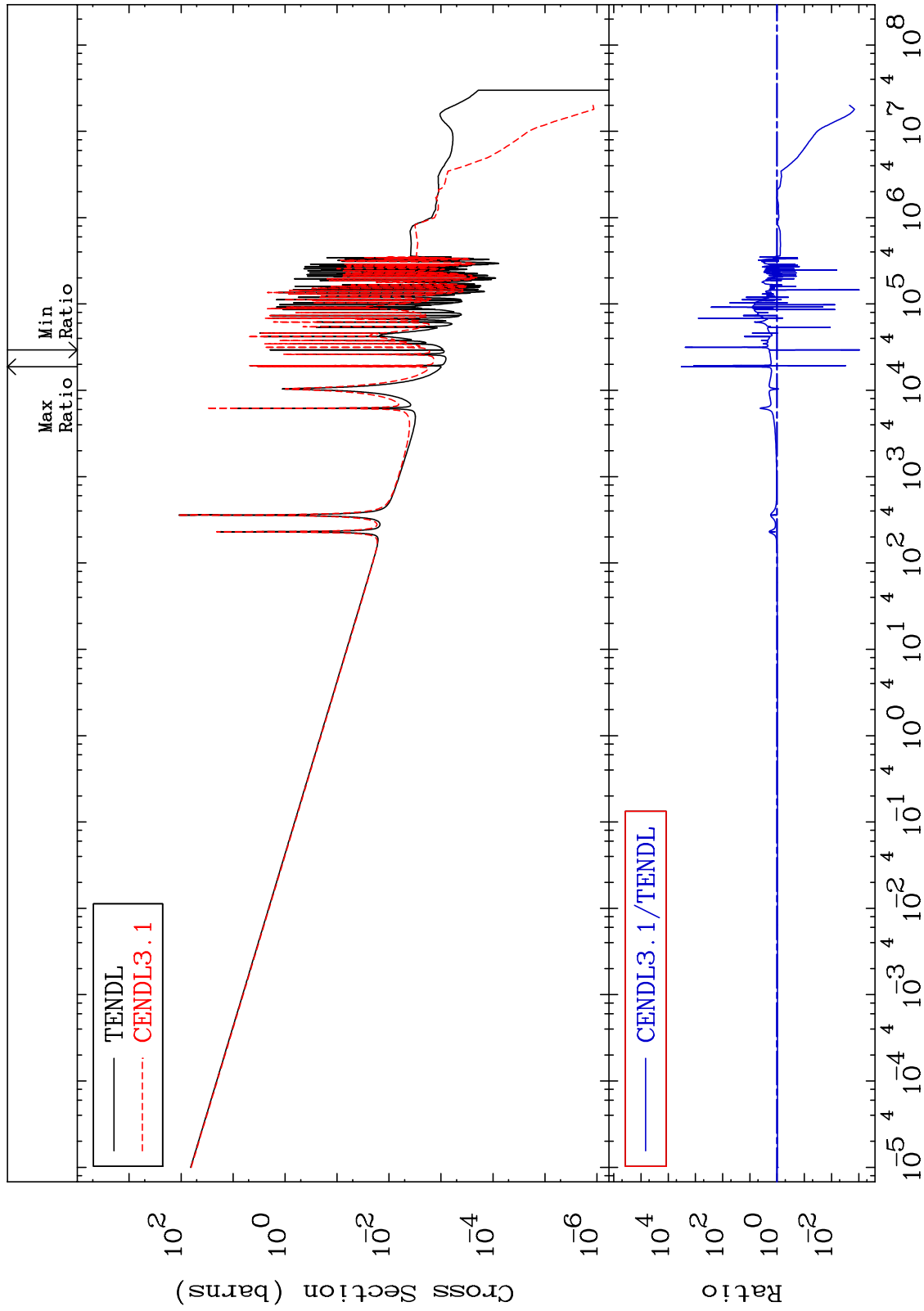
MAT 2637

(n, γ)

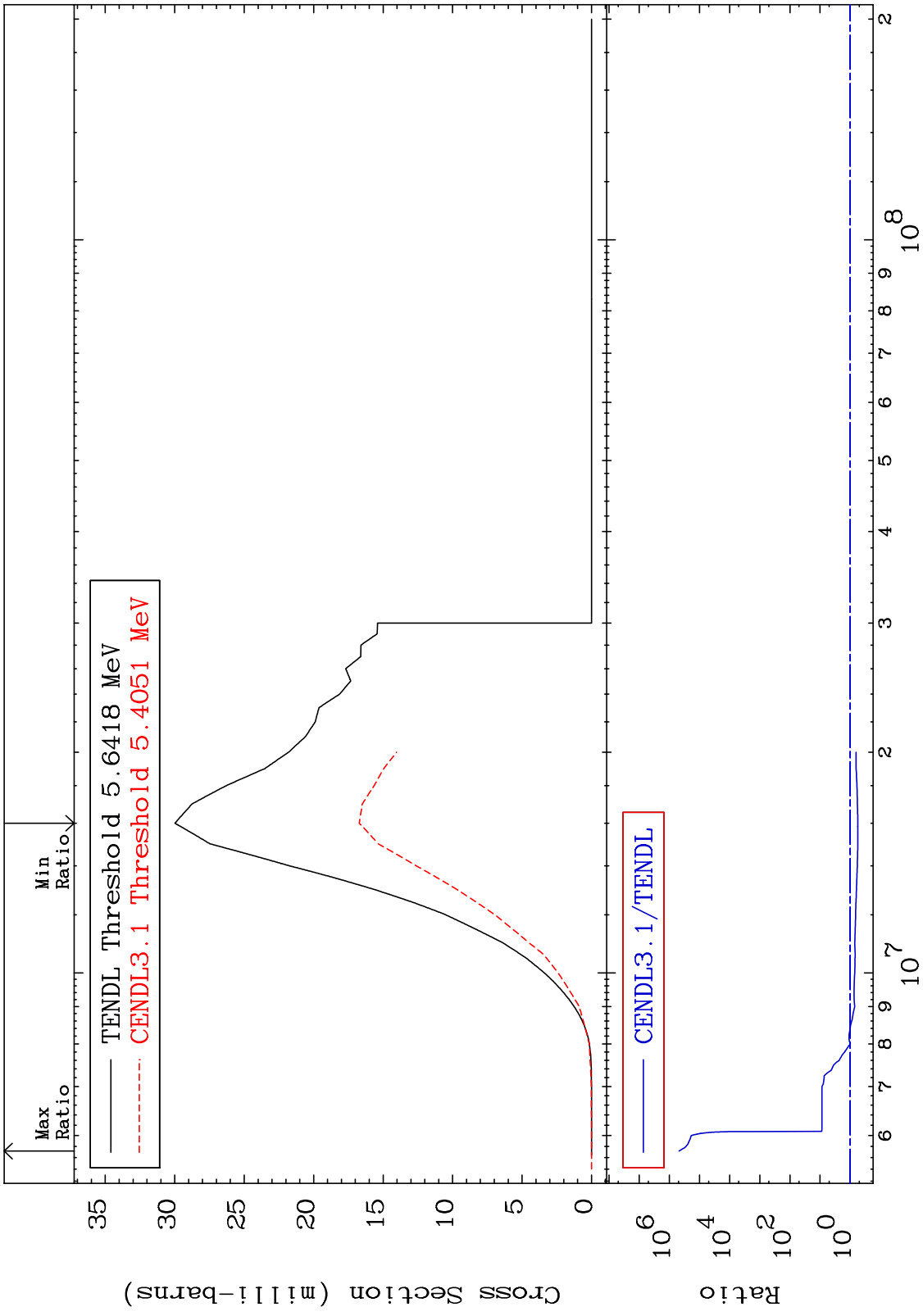
26-Fe-58

Cross Section

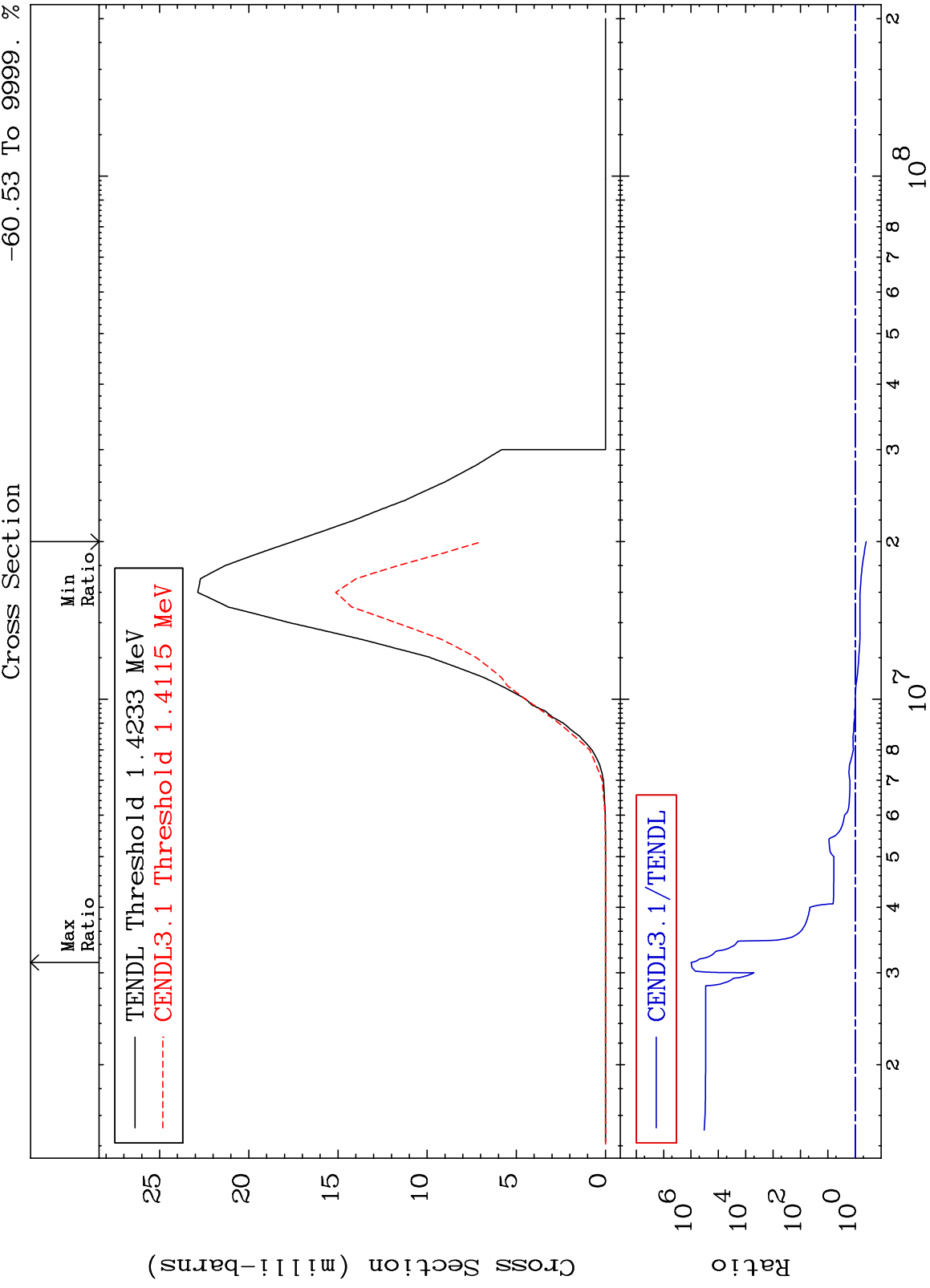
-99.91 To 9999. %



MAT 2637 (n,p) Cross Section 26-Fe-58
 -44.25 To 9999. %



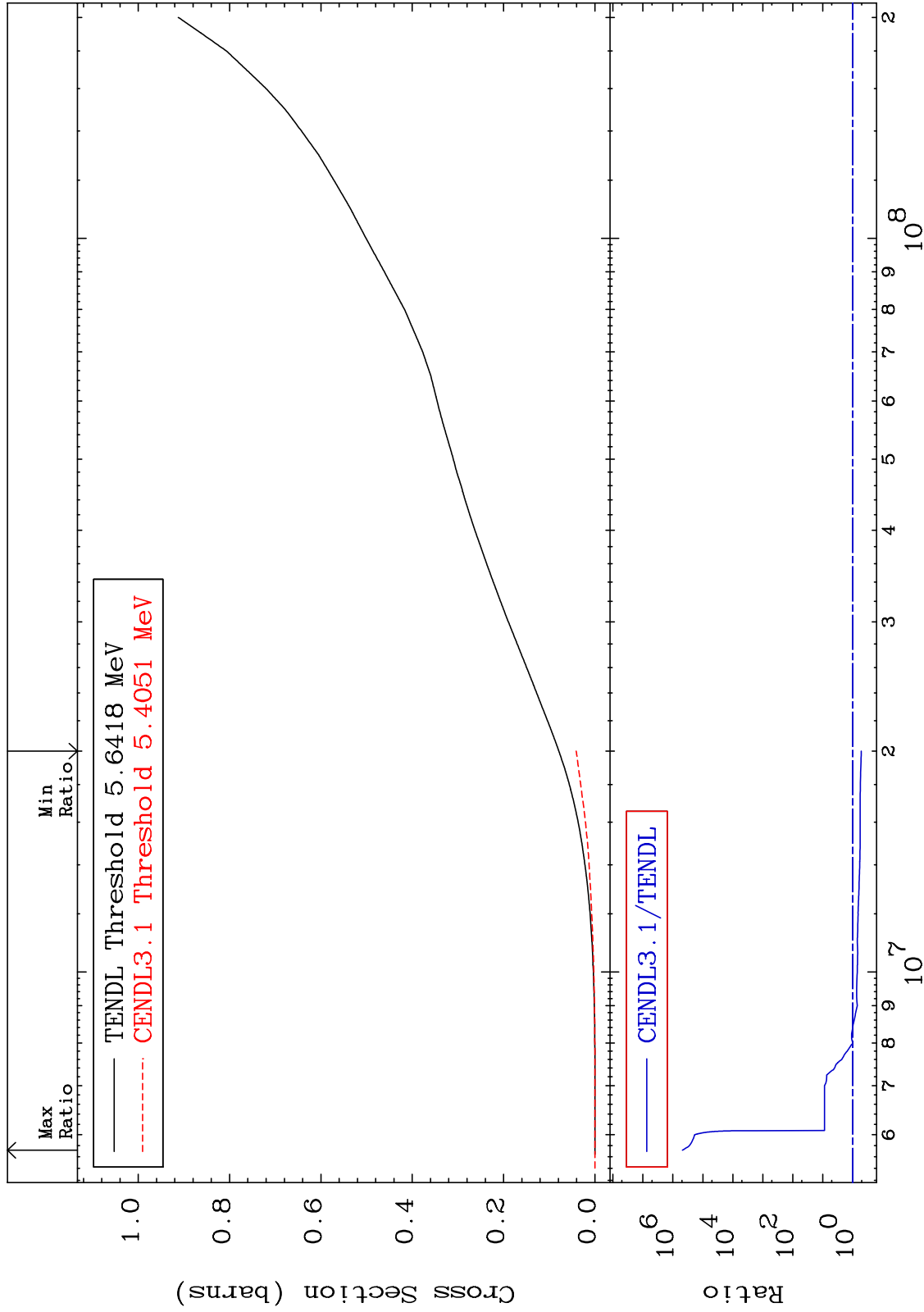
MAT 2637 (n, α) 26-Fe-58 -60.53 To 9999. %



MAT 2637

Hydrogen Production
Cross Section

26-Fe-58
-48.20 To 9999. %

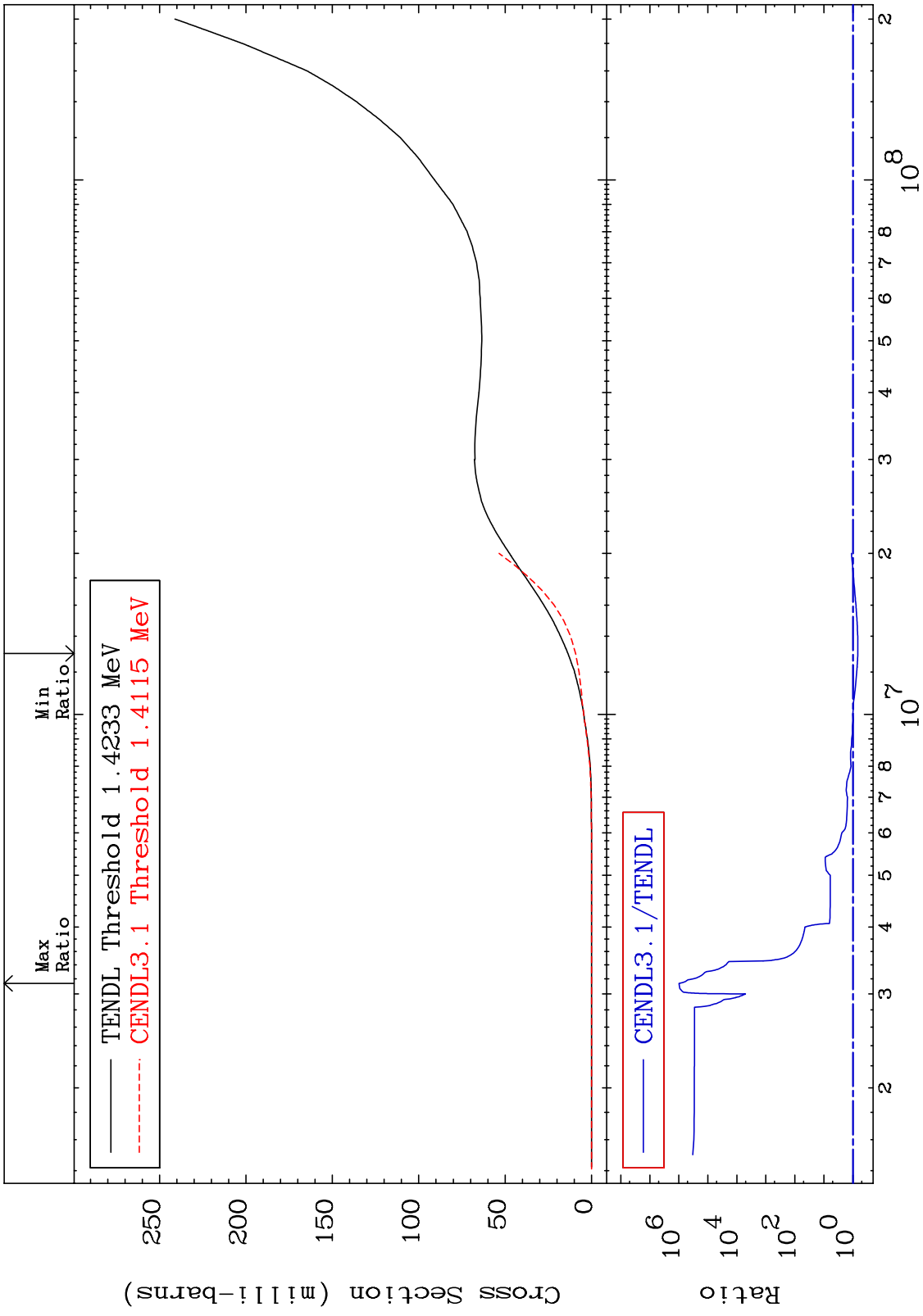


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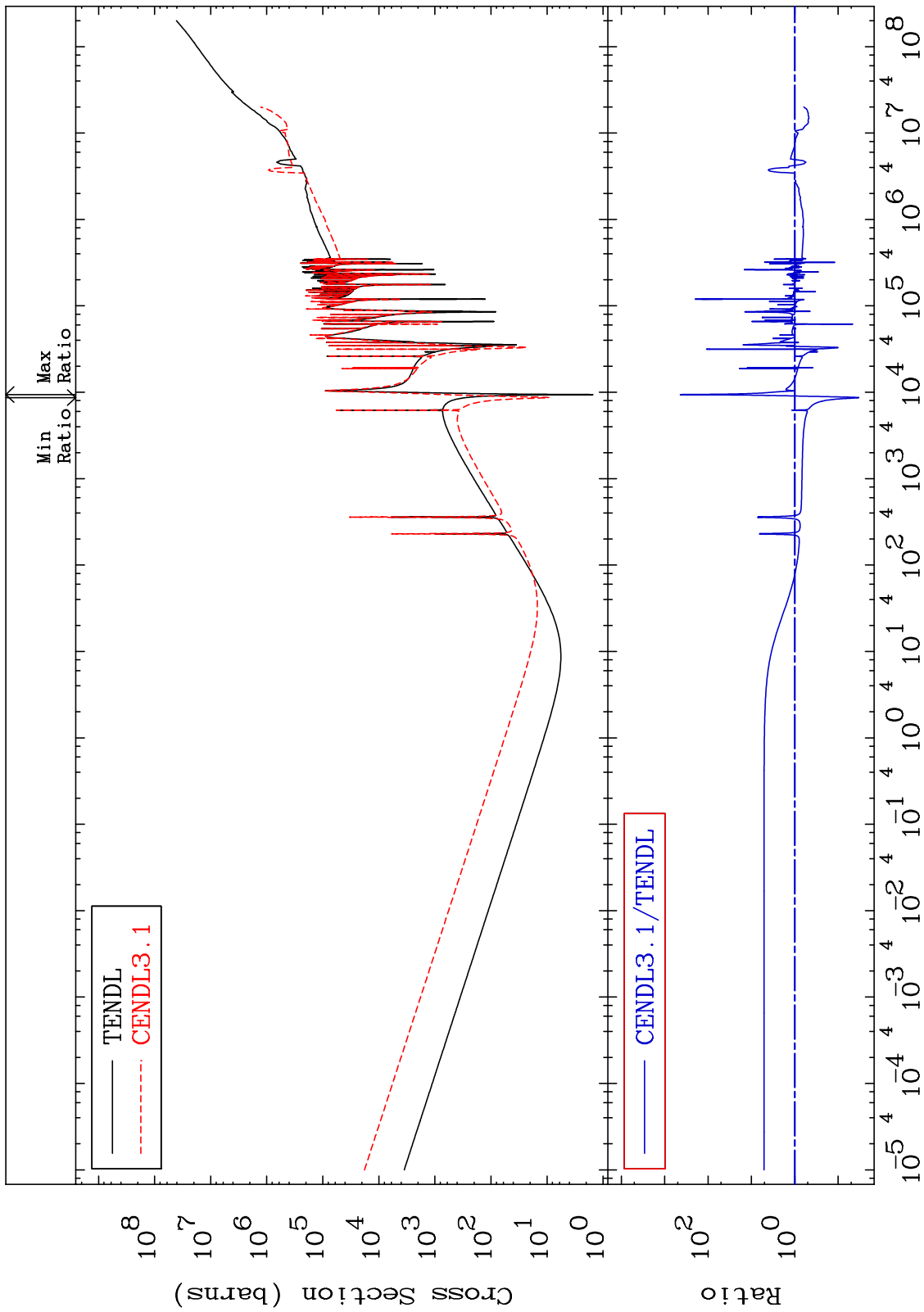
Incident Energy (eV)

26-Fe-58

MAT 2637 He-4 Production Cross Section -32.51 To 9999. % 26-Fe-58



MAT 2637 Kerma total (eV-barns) 26-Fe-58
 Cross Section -96.69 To 9999. %



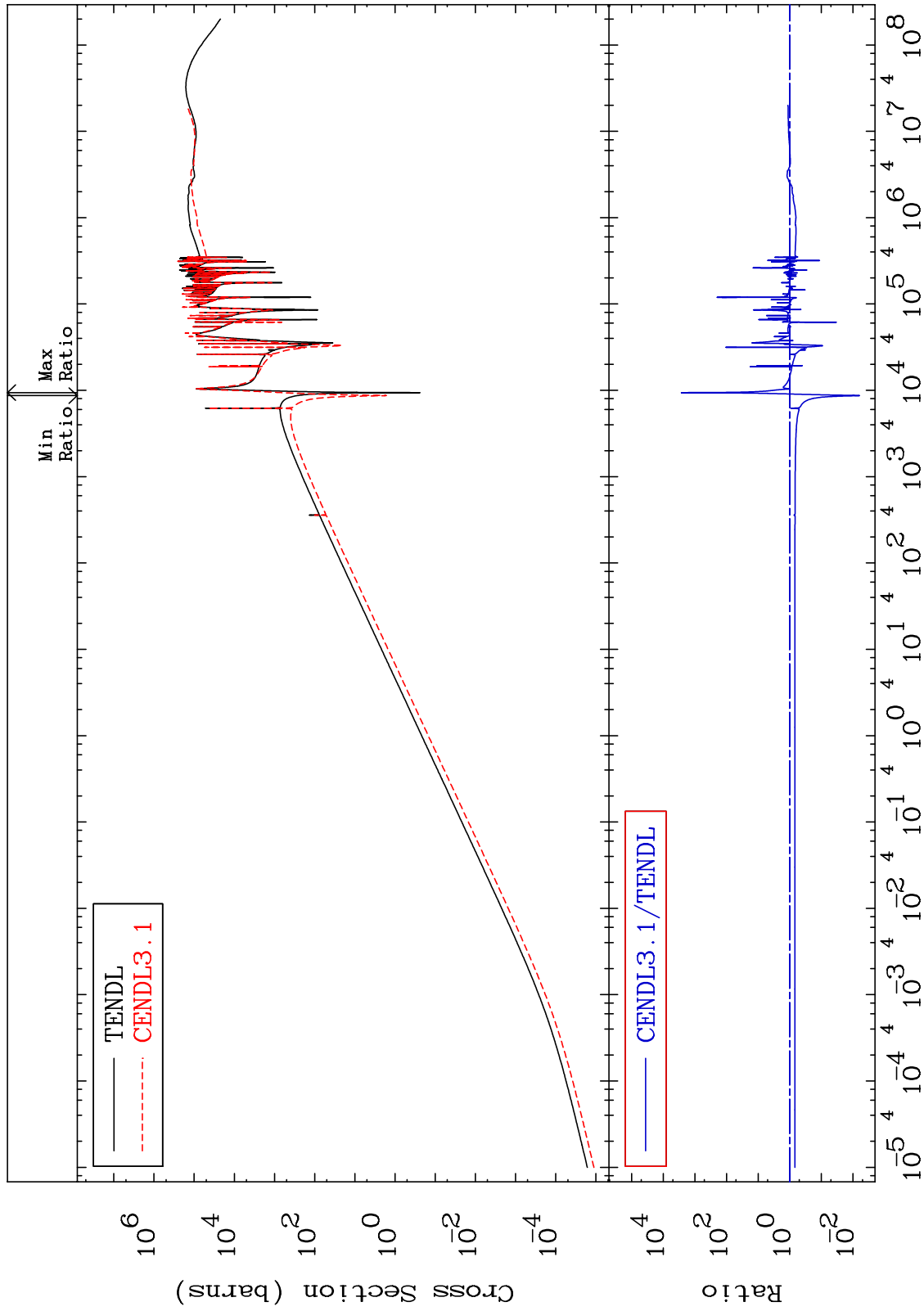
26-Fe-58

Incident Energy (eV)

MAT 2637

Kerma elastic
Cross Section

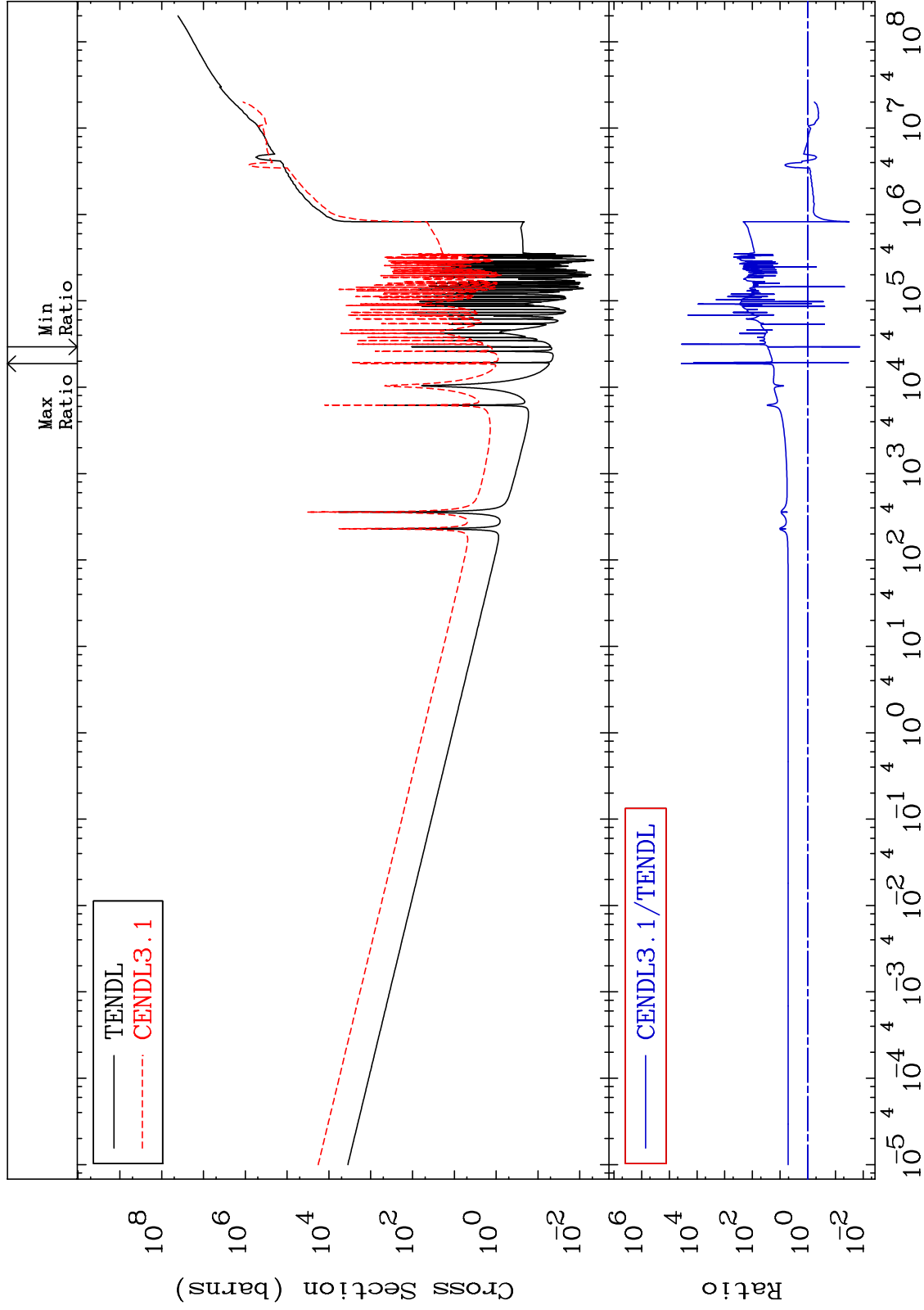
26-Fe-58
-99.39 To 9999. %

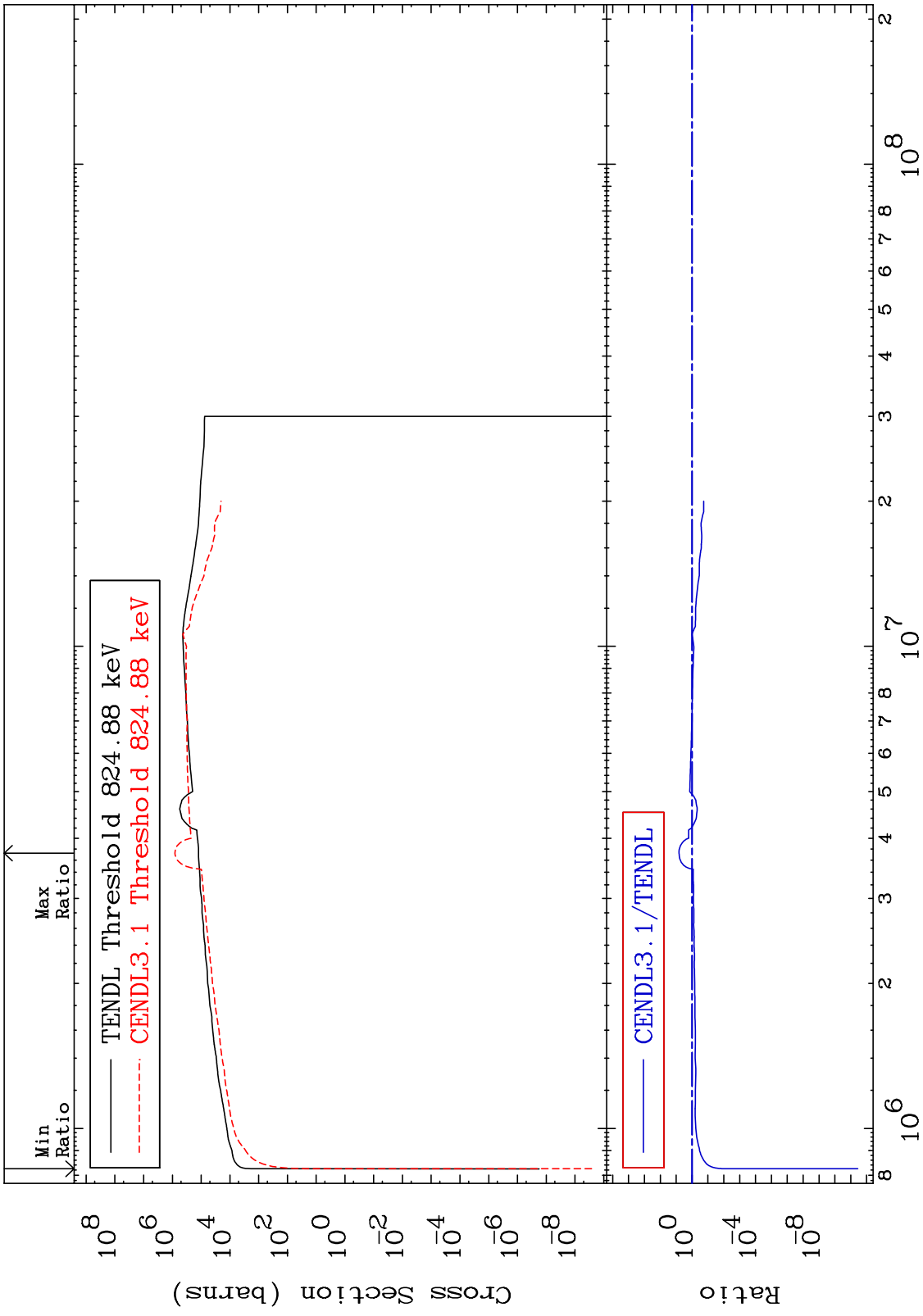


MAT 2637

Kerma non-elastic (all but mt2)
Cross Section

26-Fe-58
-98.67 To 9999. %

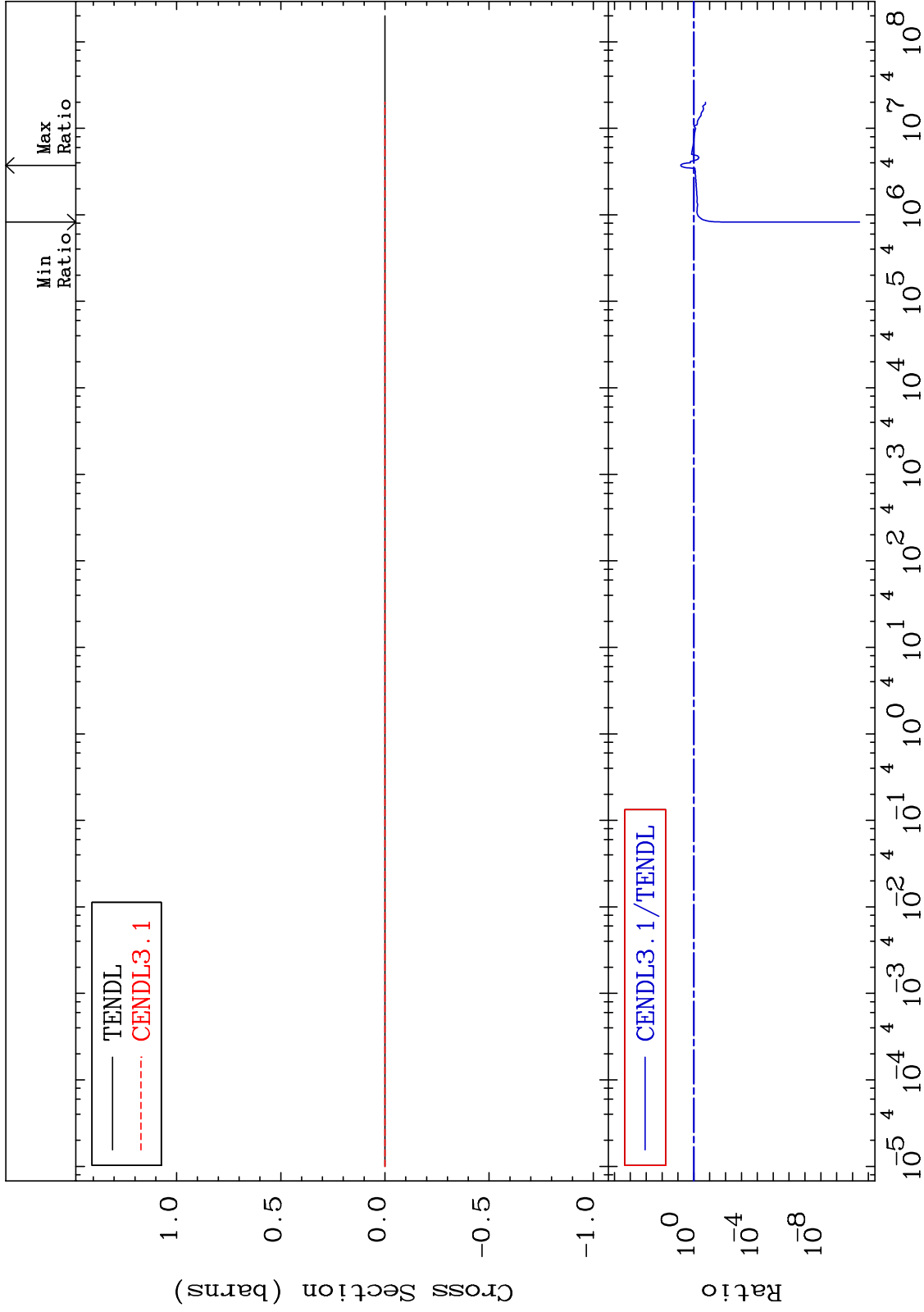




MAT 2637

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

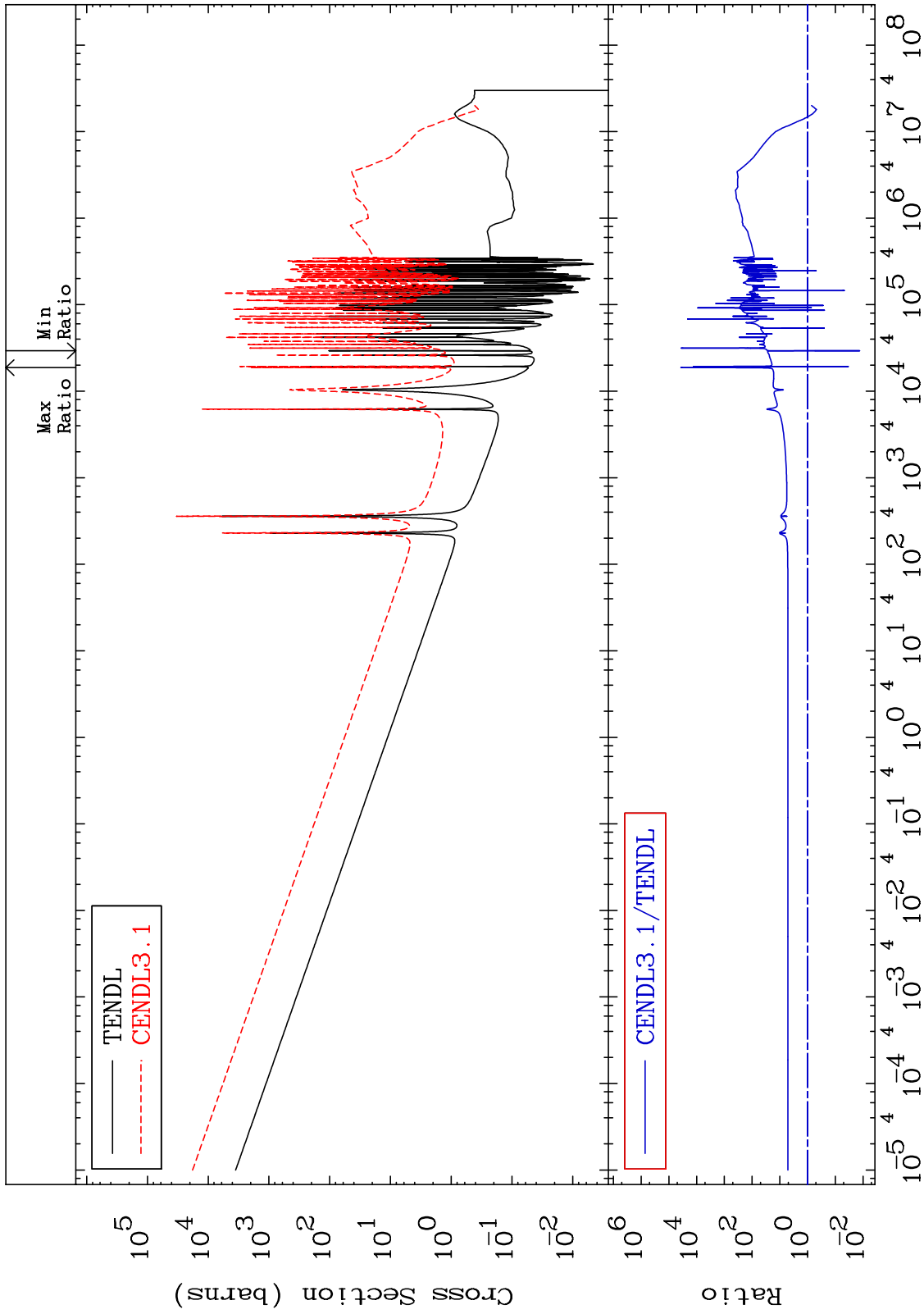
26-Fe-58
-100.0 To 560.1 %



MAT 2637

Kerma capture (mt102)
Cross Section

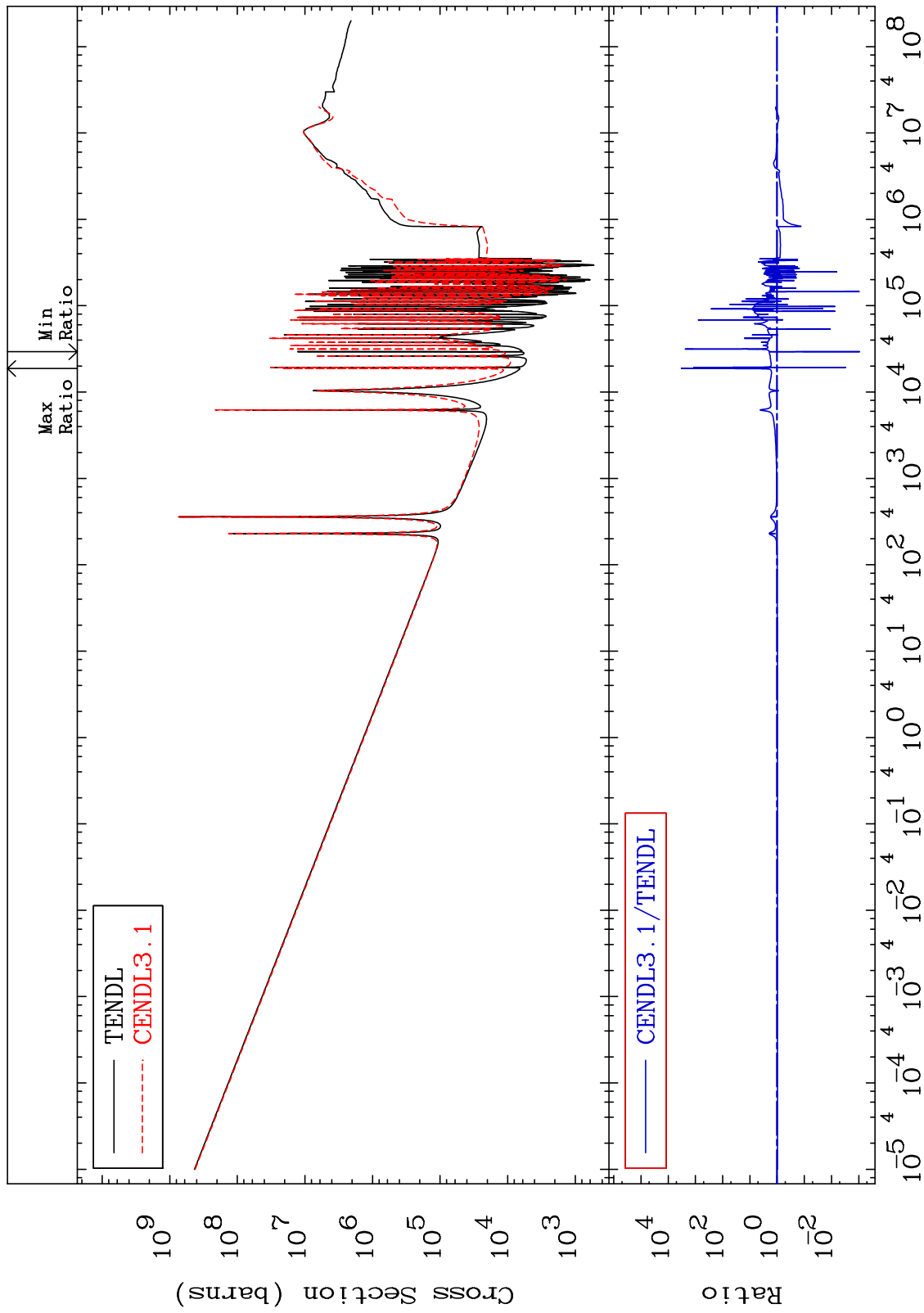
26-Fe-58
-98.67 To 9999. %



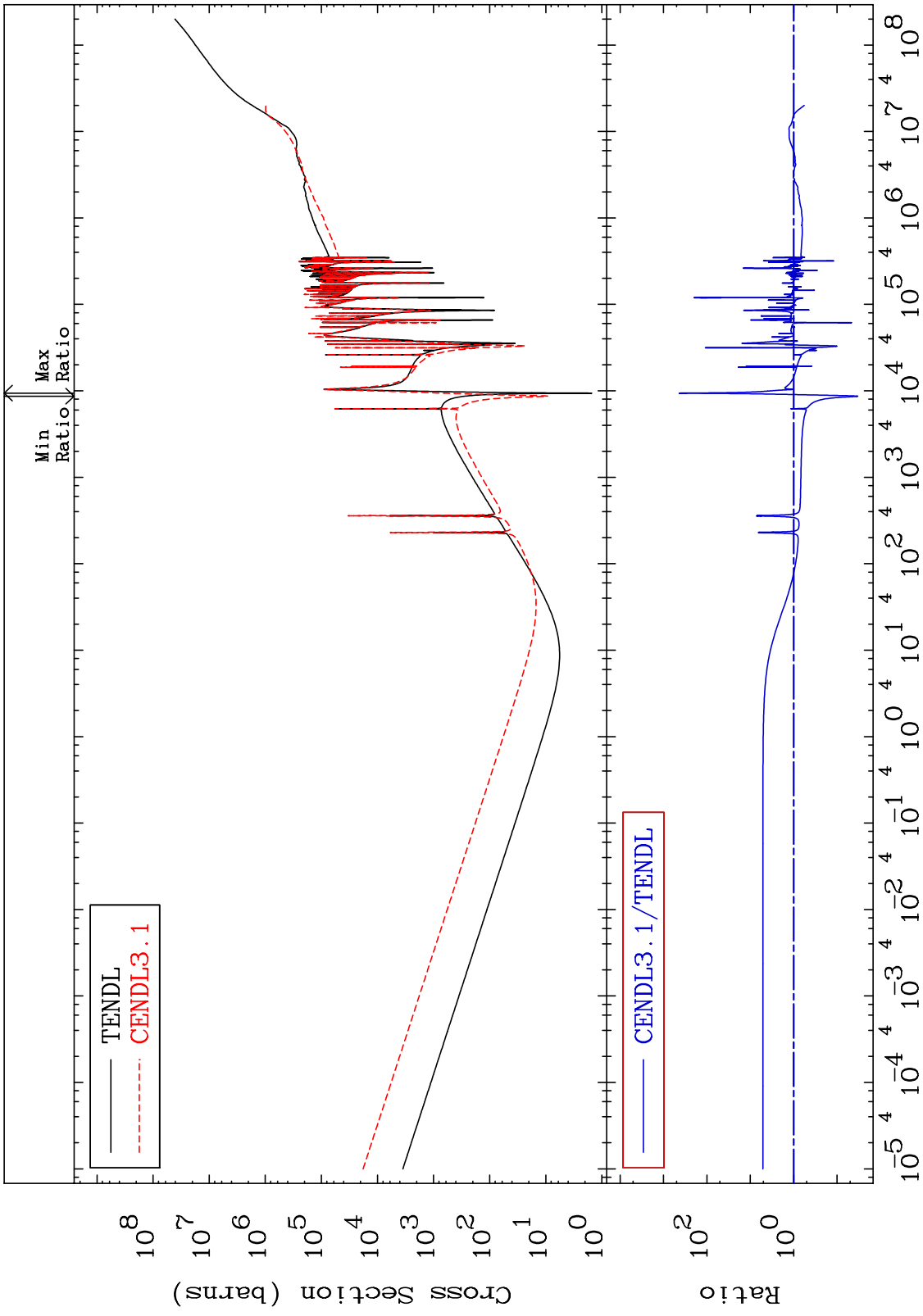
MAT 2637

Total photon (eV-barns)
Cross Section

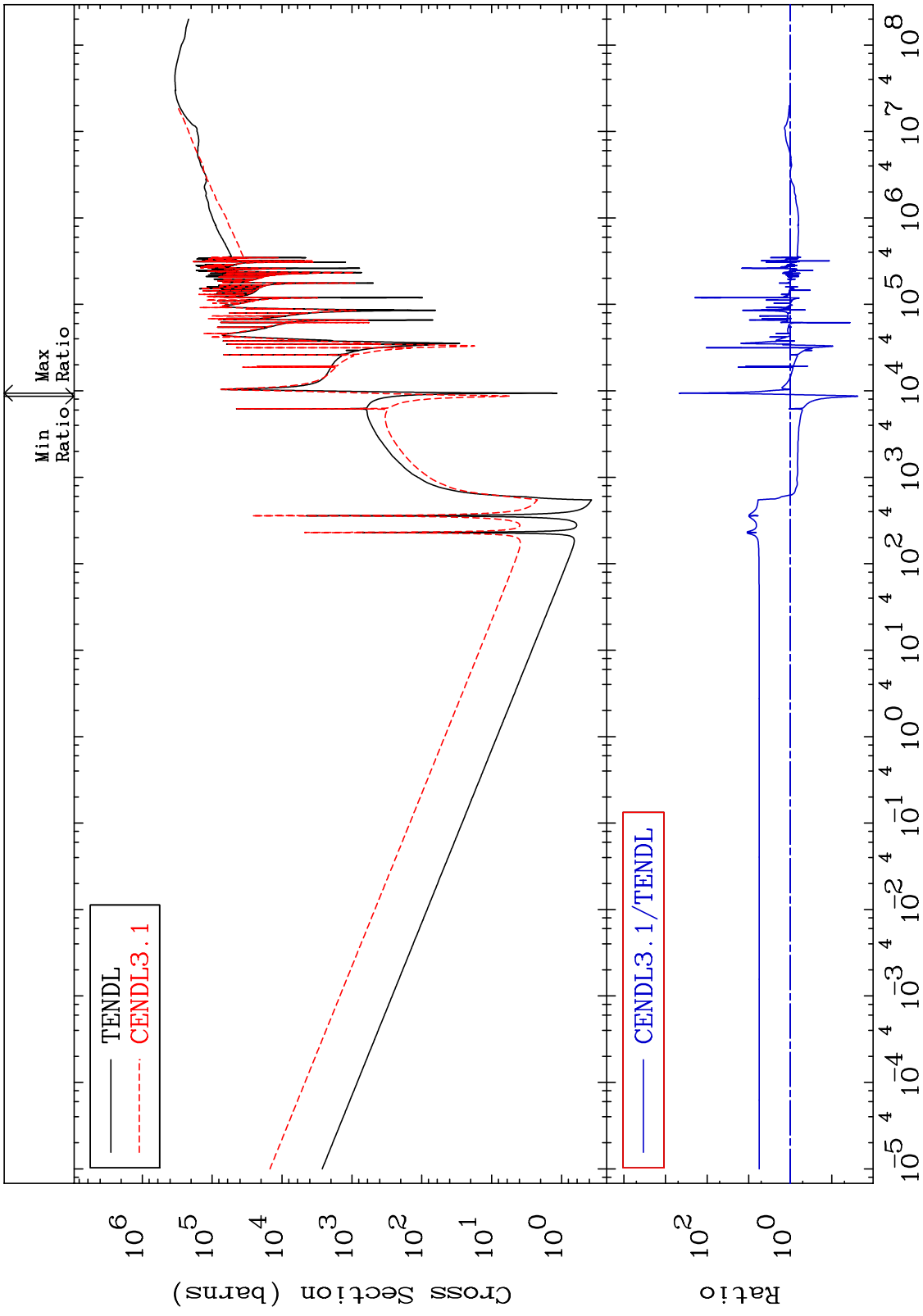
26-Fe-58
-99.91 To 9999. %



MAT 2637 Total kinematic kerma (high limit) 26-Fe-58
 Cross Section -96.69 To 9999. %



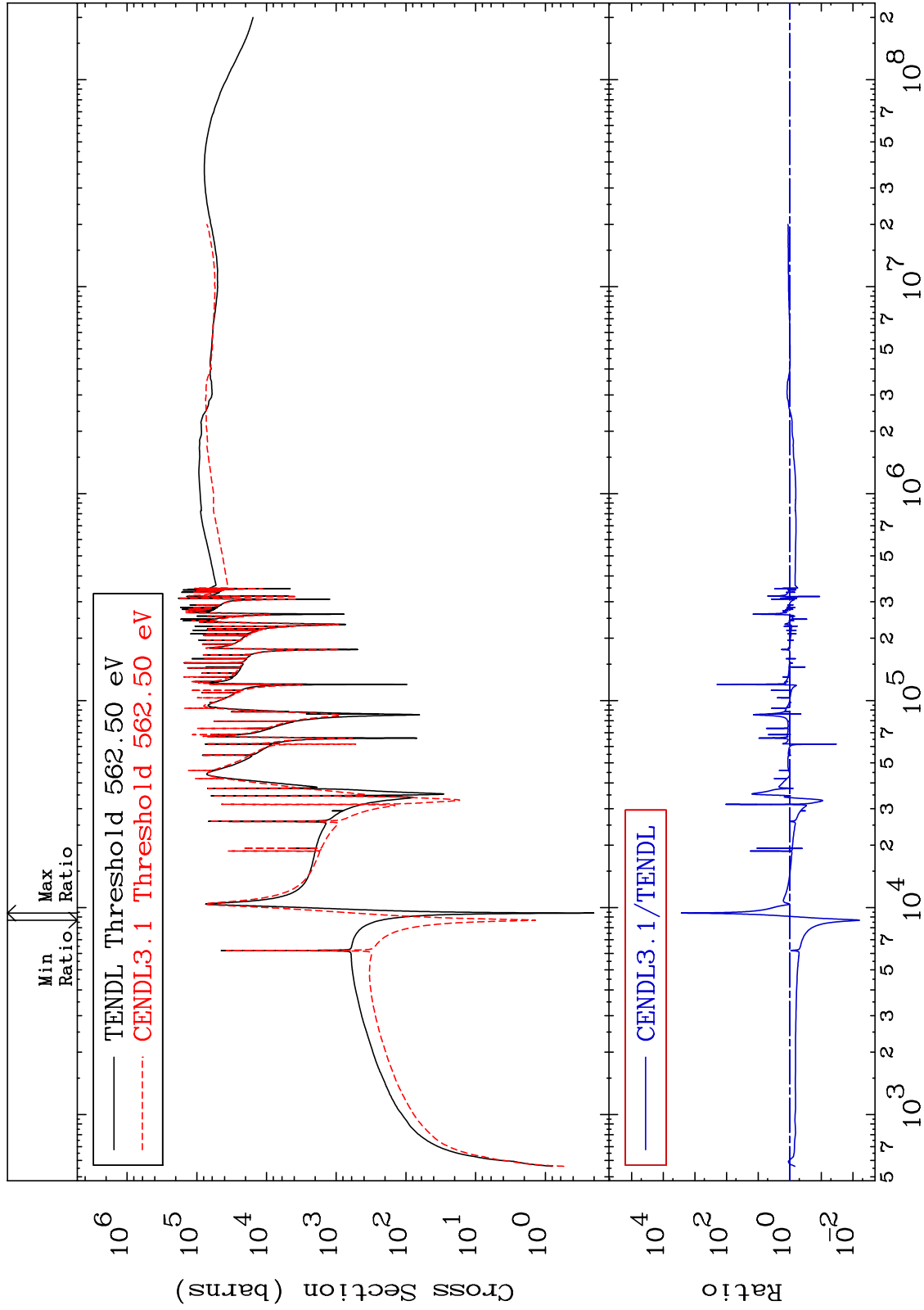
MAT 2637 Dpa total (eV-barns) 26-Fe-58
 Cross Section -97.63 To 9999. %



MAT 2637

Dpa elastic (mt2)
Cross Section

26-Fe-58
-99.39 To 9999. %



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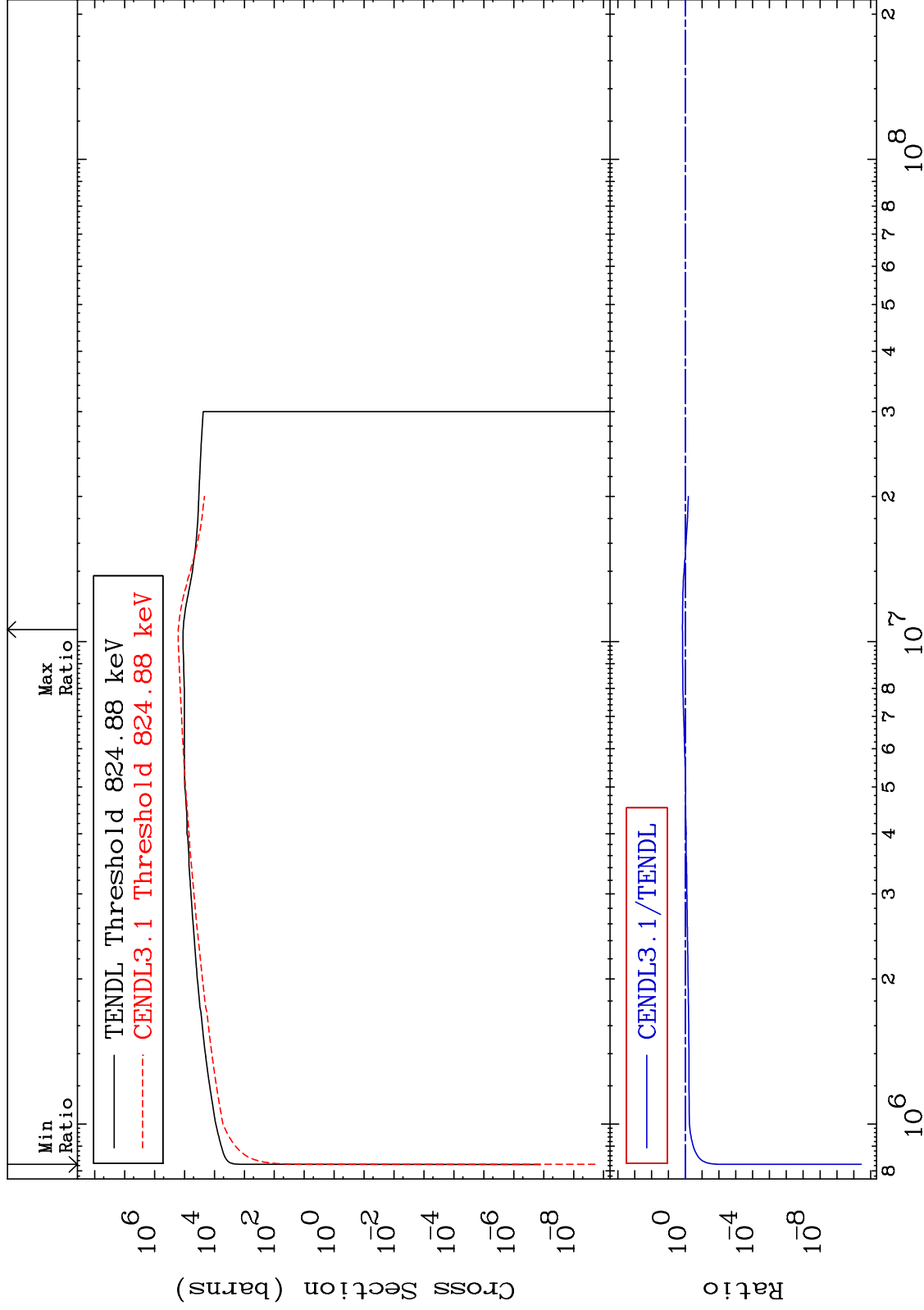
Incident Energy (eV)

26-Fe-58

MAT 2637

Dpa inelastic (mt51-91)
Cross Section

26-Fe-58
-100.0 To 45.97 %



35

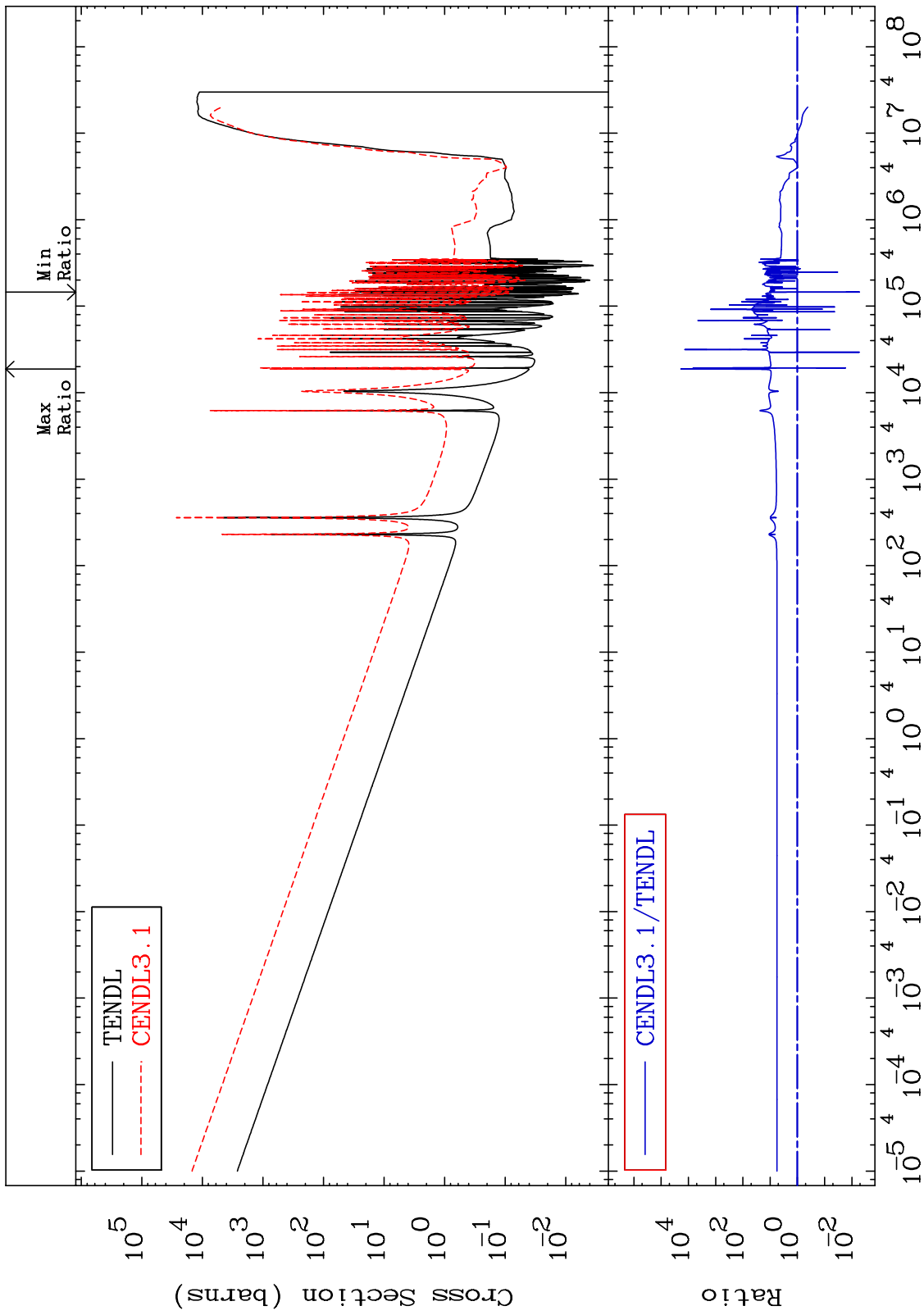
Incident Energy (eV)

26-Fe-58

MAT 2637

Dpa disappearance (mt102 -120)
Cross Section

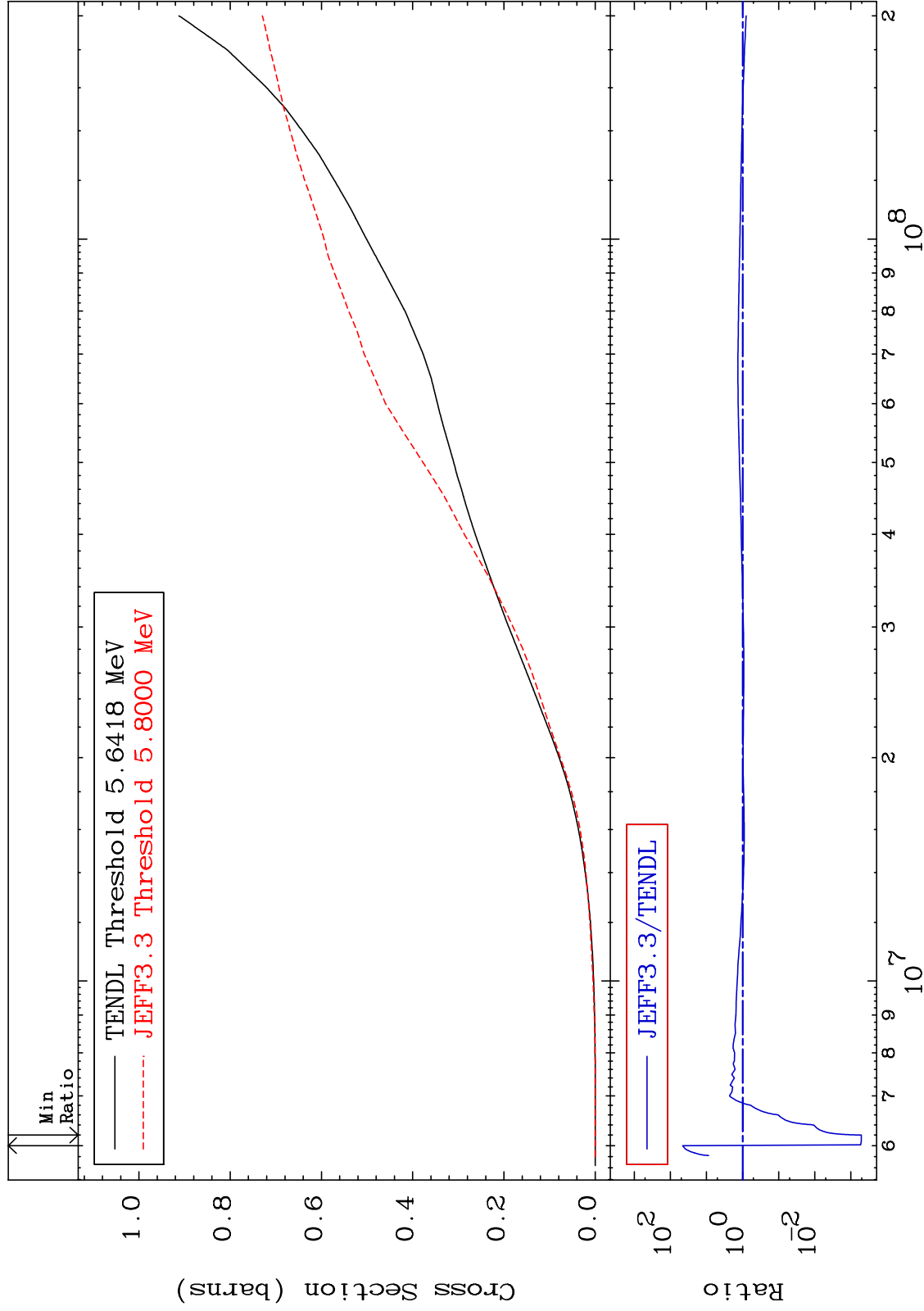
26-Fe-58
-99.48 To 9999. %



MAT 2637

Hydrogen Production
Cross Section

26-Fe-58
-99.95 To 4464. %



37

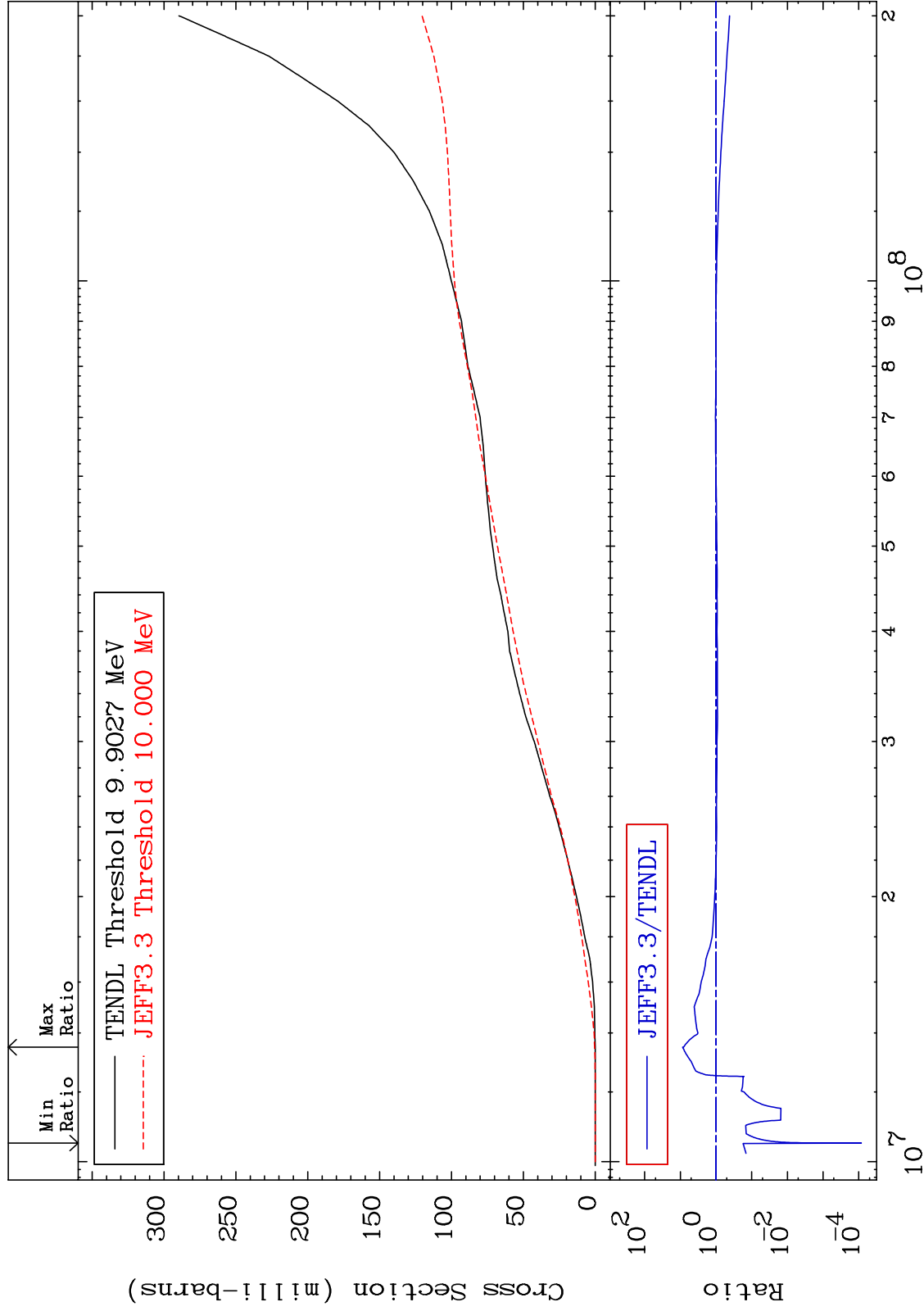
Incident Energy (eV)

26-Fe-58

MAT 2637

Deuterium Production
Cross Section

²⁶Fe-58
-99.99 To 761.2 %



38

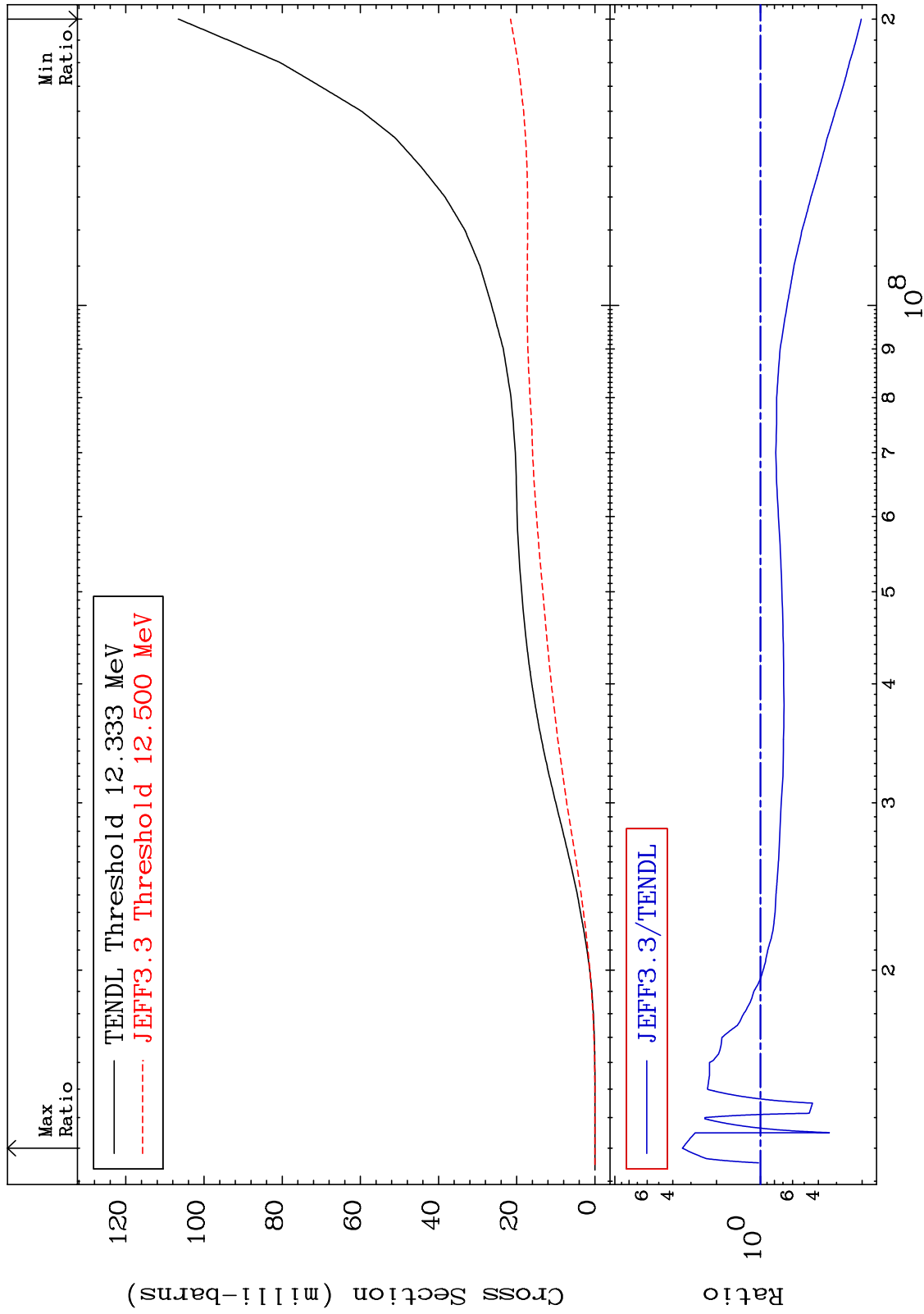
Incident Energy (eV)

²⁶Fe-58

MAT 2637

Tritium Production
Cross Section

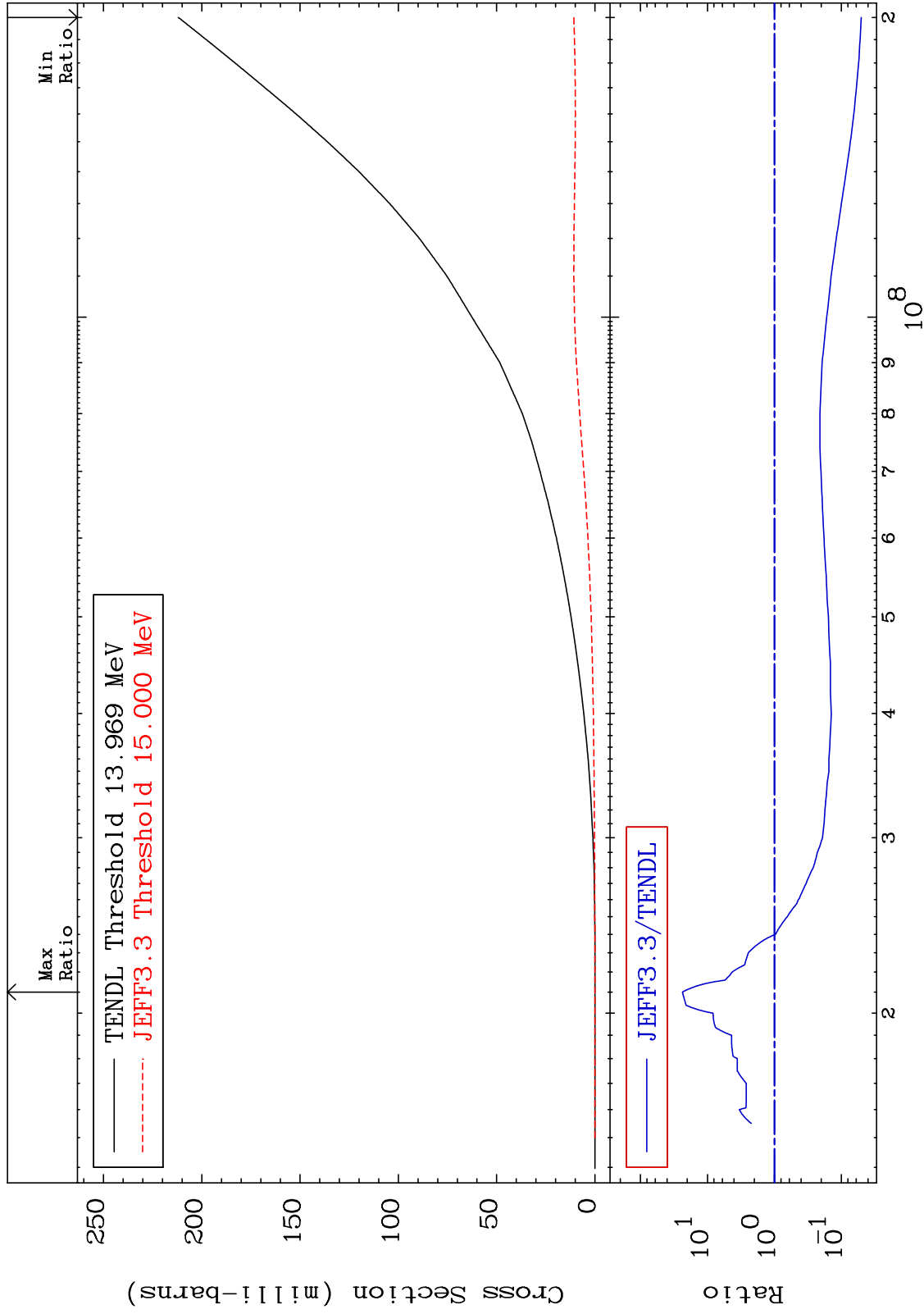
²⁶Fe-58
-79.75 To 243.3 %



MAT 2637

He-3 Production
Cross Section

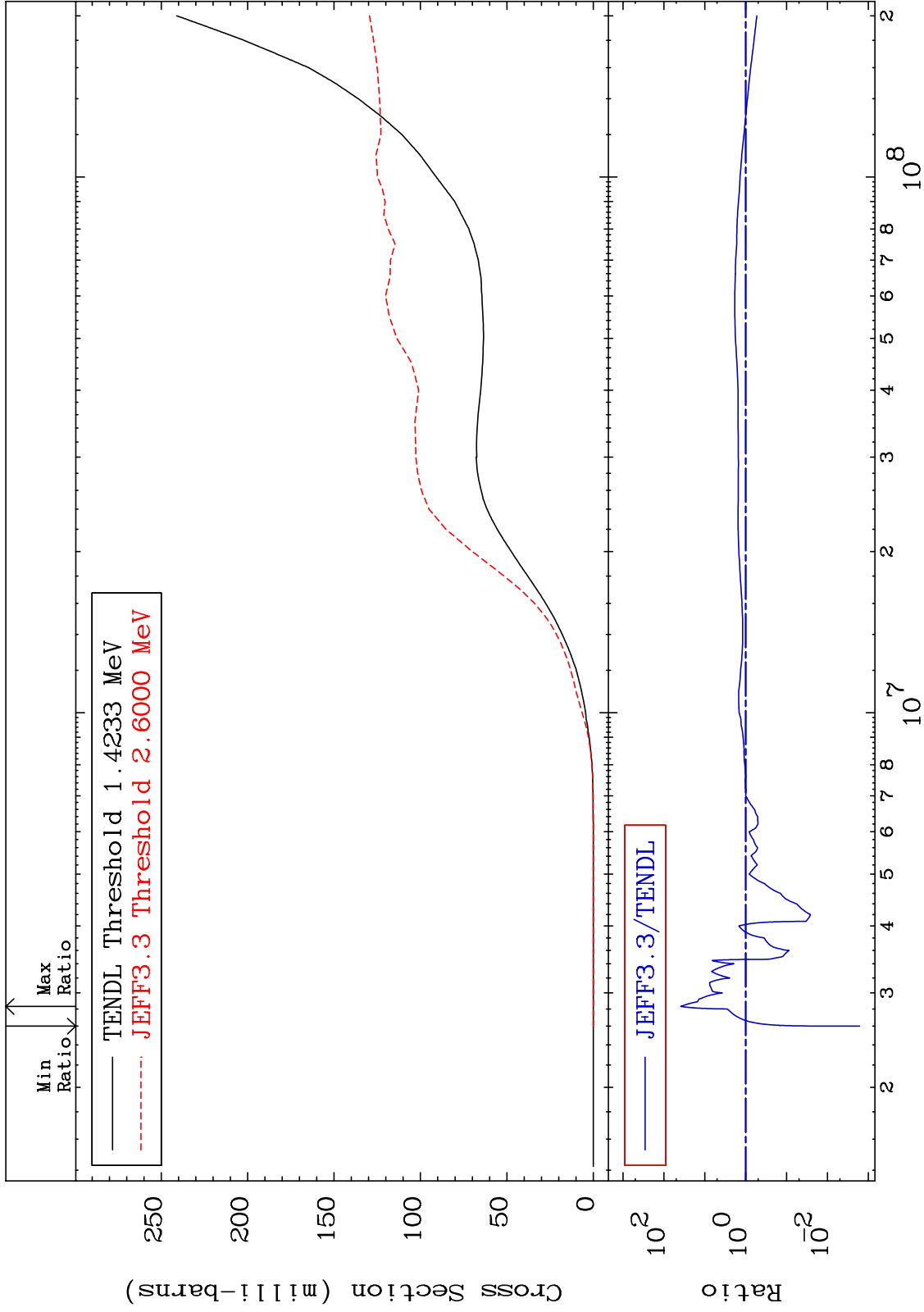
26-Fe-58
-94.95 To 2260. %



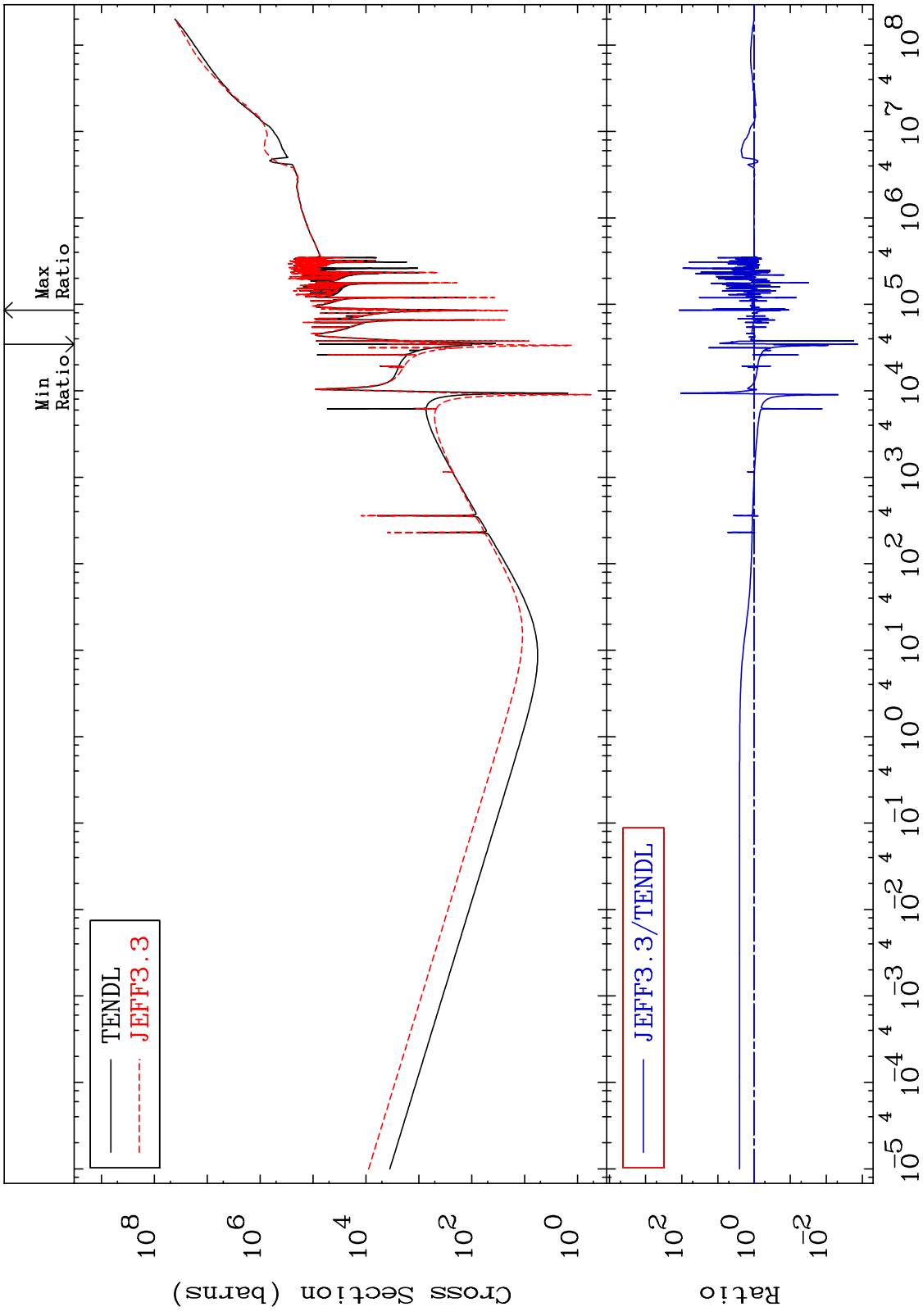
MAT 2637

He-4 Production
Cross Section

26-Fe-58
-99.84 To 3764. %



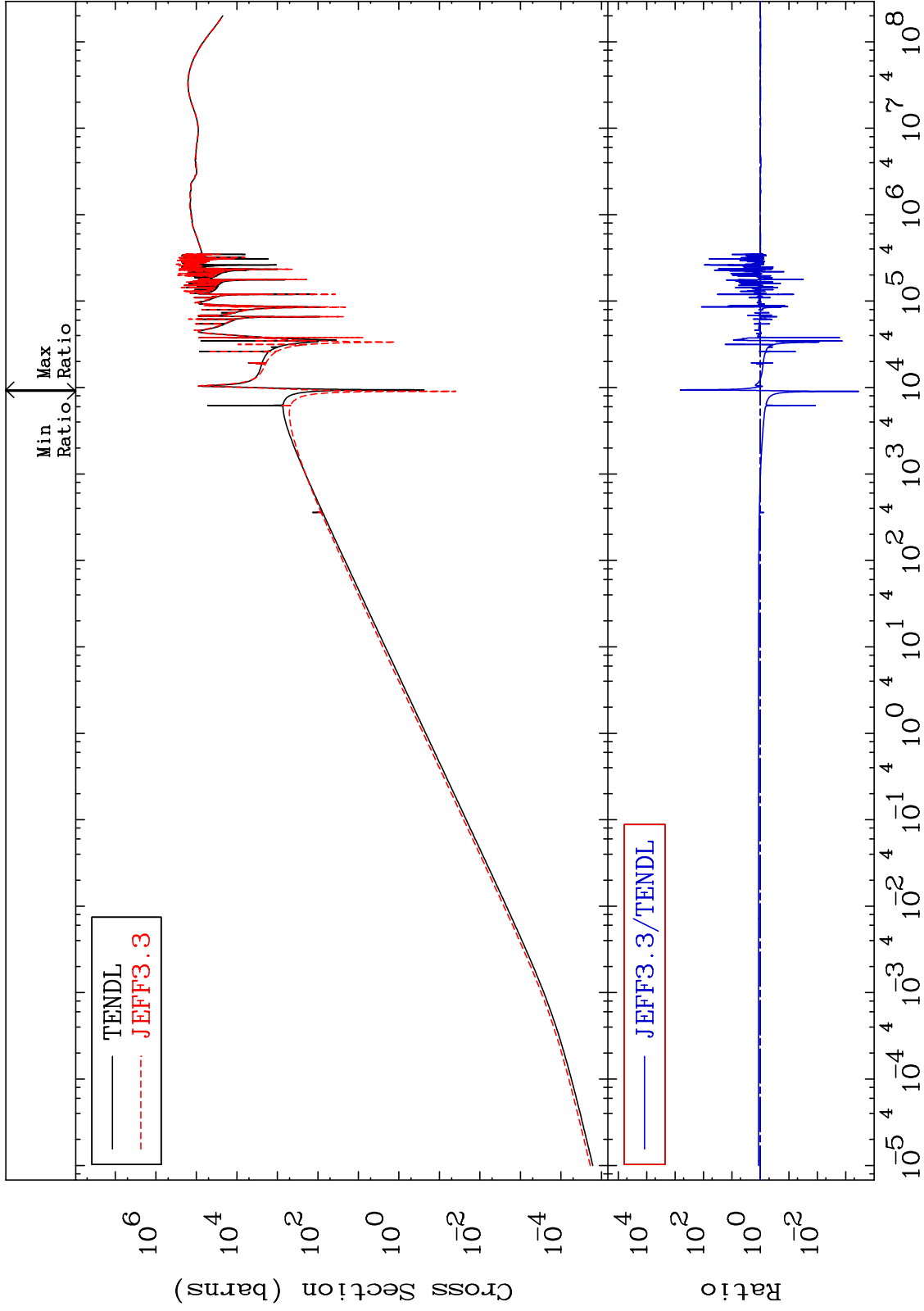
MAT 2637 Kerma total (eV-barns) Cross Section 26-Fe-58
 -99.87 To 9999. %



MAT 2637

Kerma elastic
Cross Section

26-Fe-58
-99.97 To 9999. %



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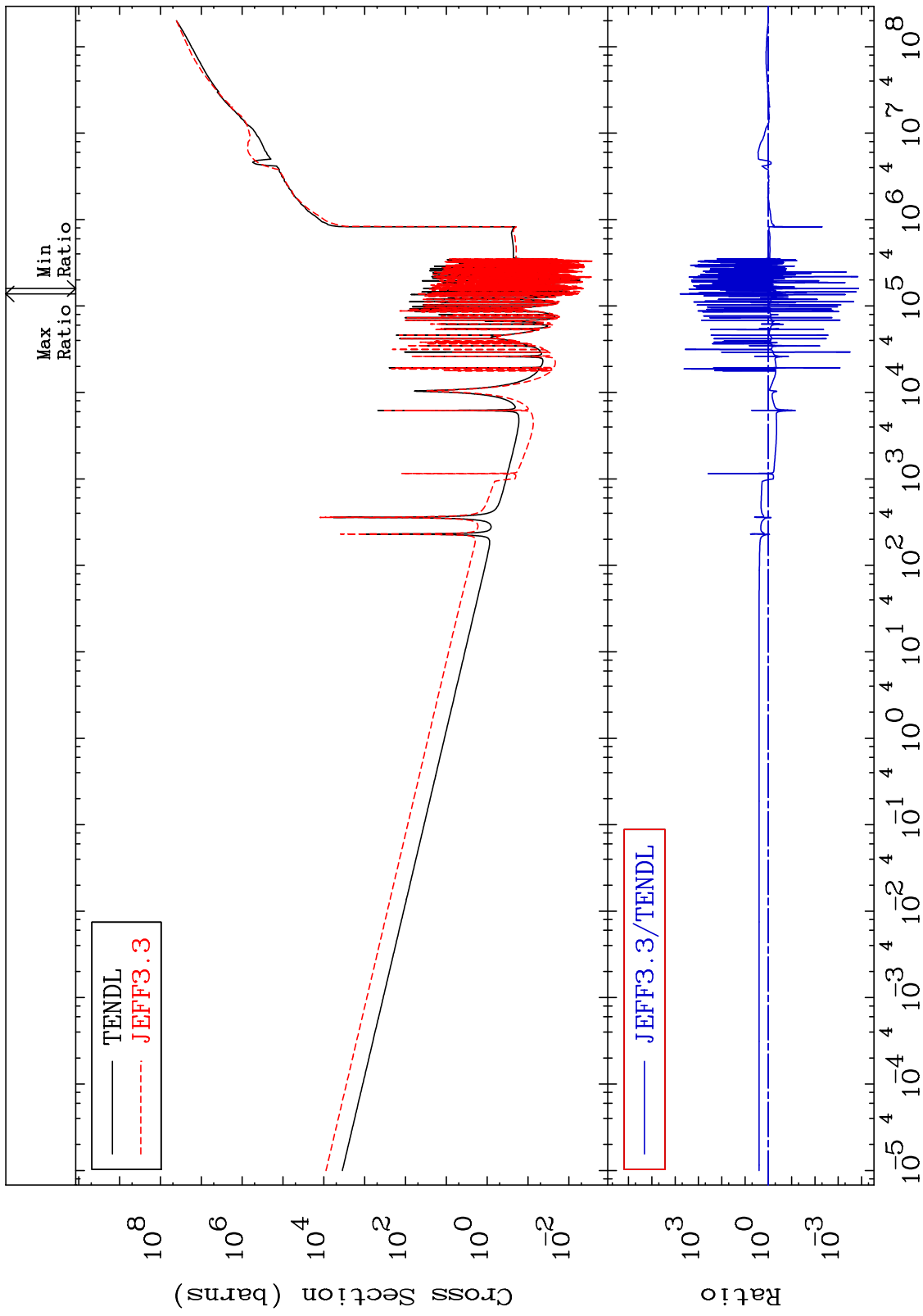
Incident Energy (eV)

26-Fe-58

MAT 2637

Kerma non-elastic (all but mt2)
Cross Section

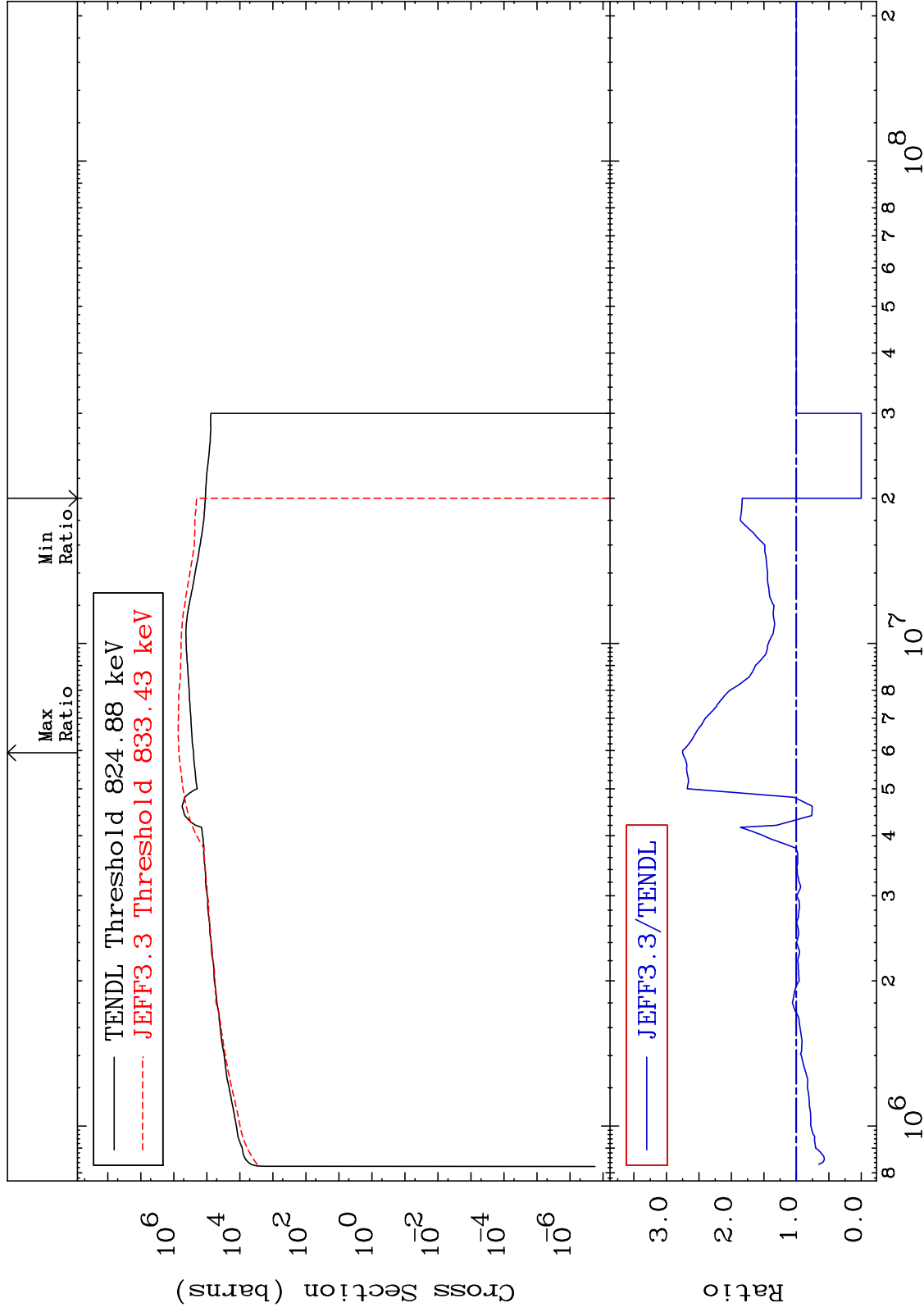
26-Fe-58
-99.99 To 9999. %



MAT 2637

Kerma inelastic (mt51-91)
Cross Section

26-Fe-58
-100.0 To 175.3 %



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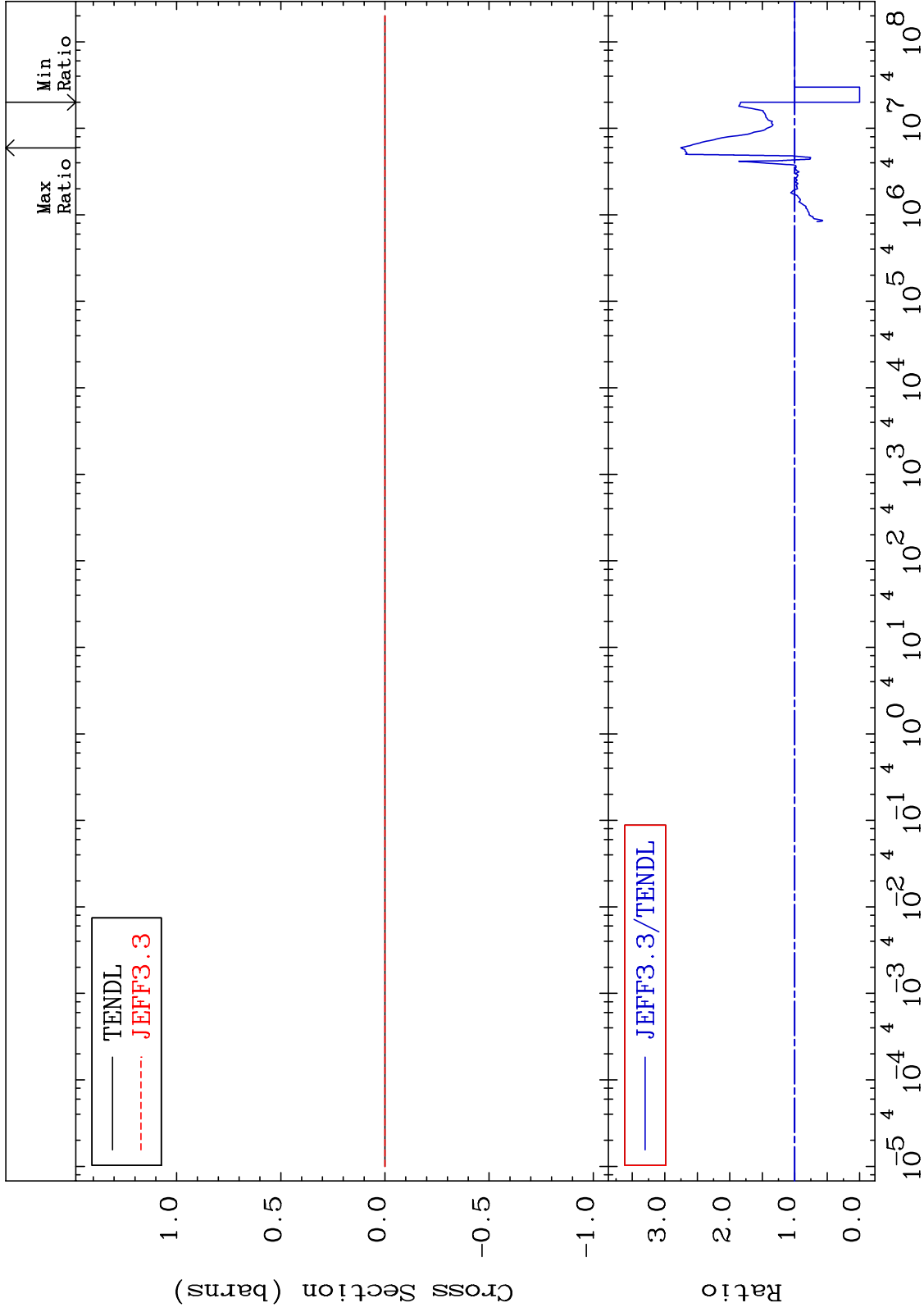
Incident Energy (eV)

26-Fe-58

MAT 2637

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

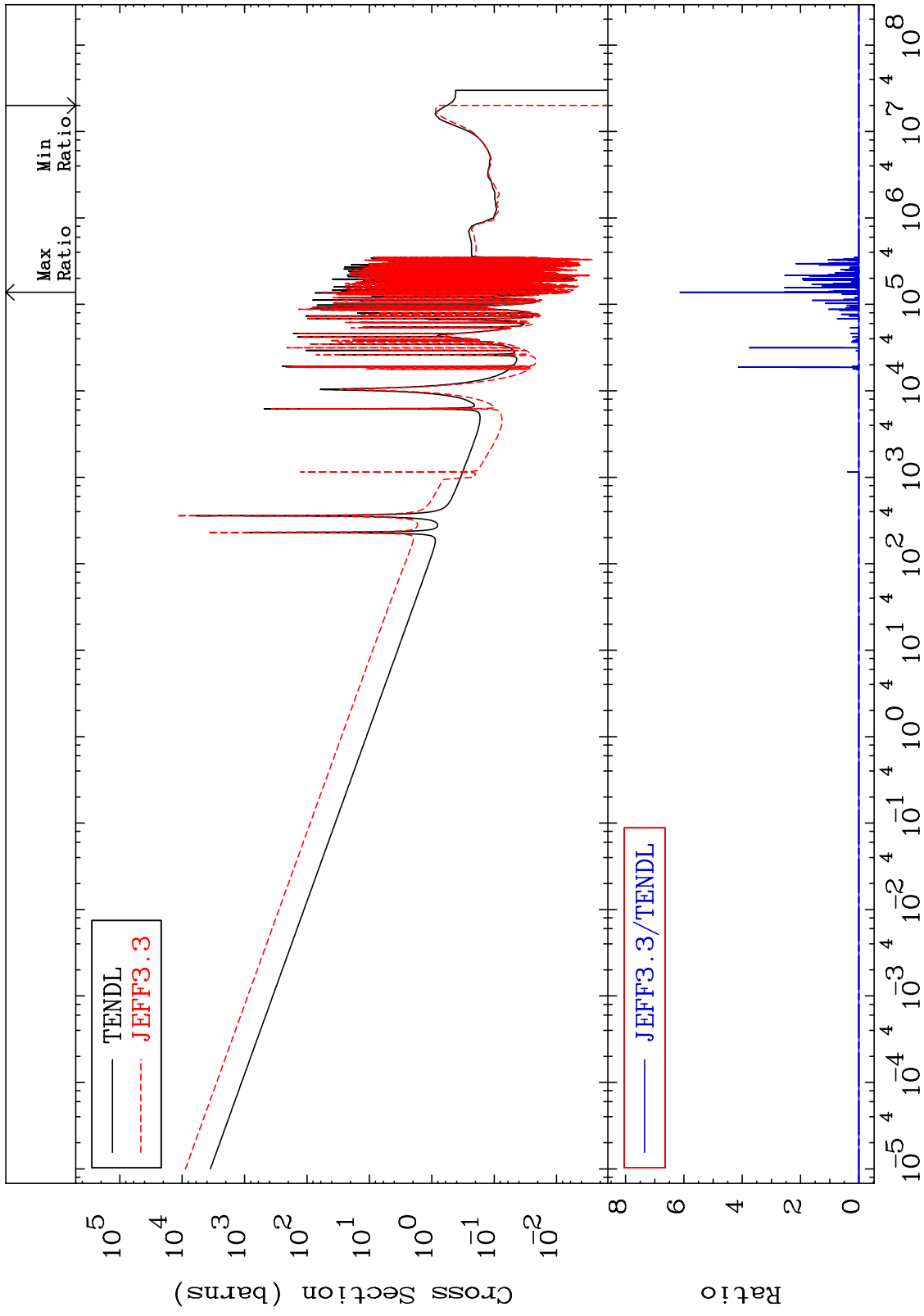
26-Fe-58
-100.0 To 175.3 %



MAT 2637

Kerma capture (mt102)
Cross Section

26-Fe-58
-100.0 To 9999. %



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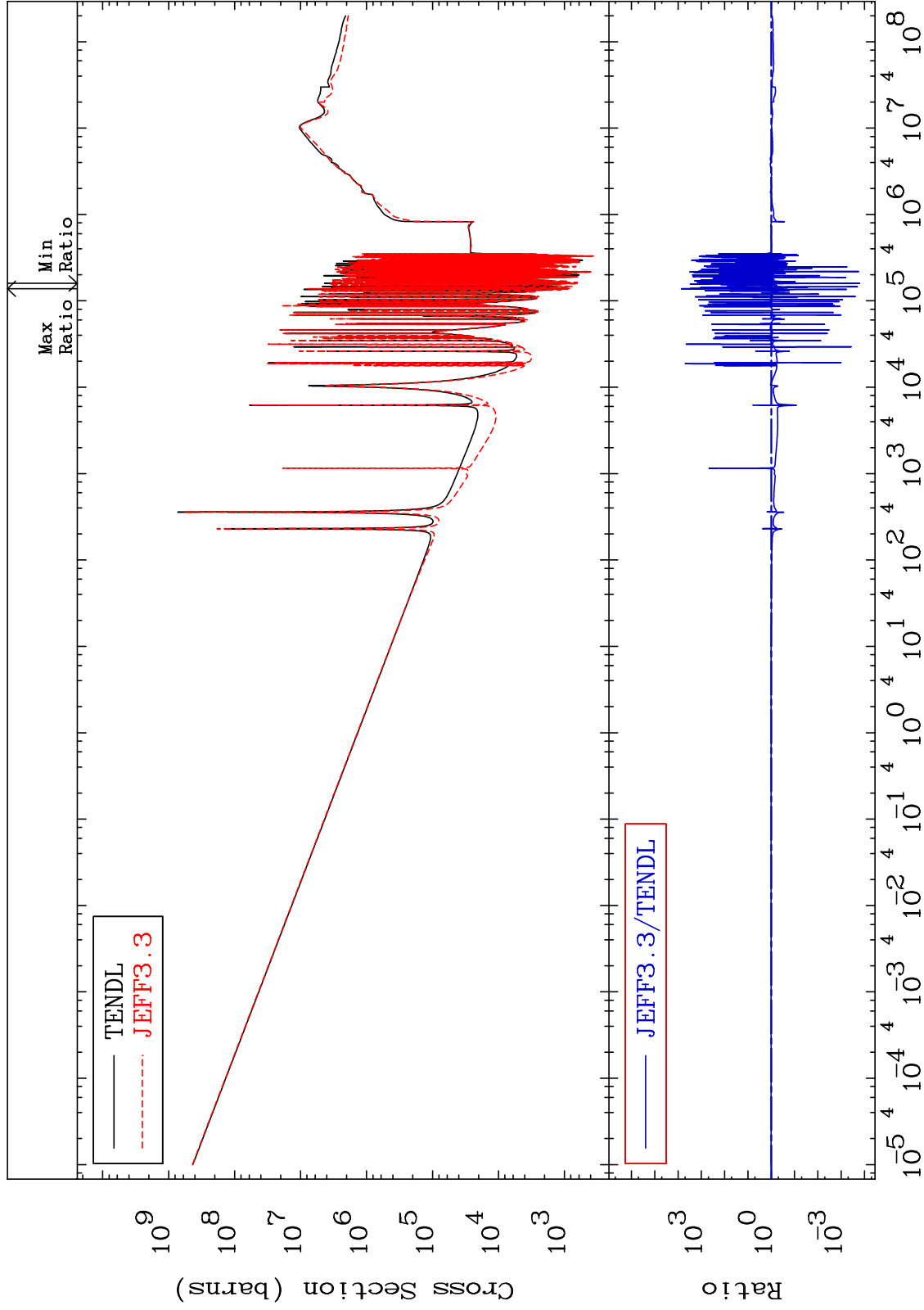
Incident Energy (eV)

26-Fe-58

MAT 2637

Total photon (eV-barns)
Cross Section

26-Fe-58
-99.98 To 9999. %

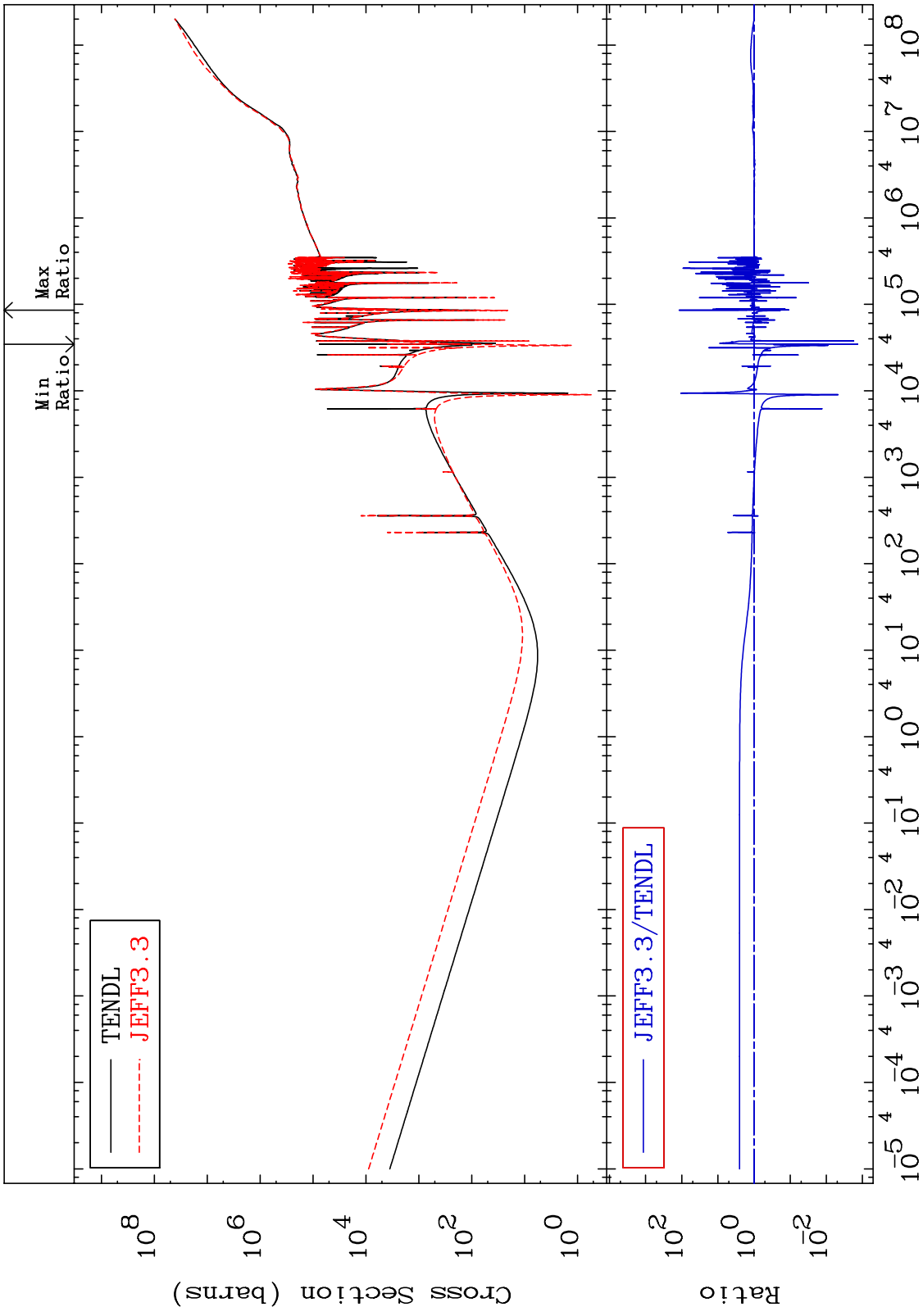


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Incident Energy (eV)

26-Fe-58

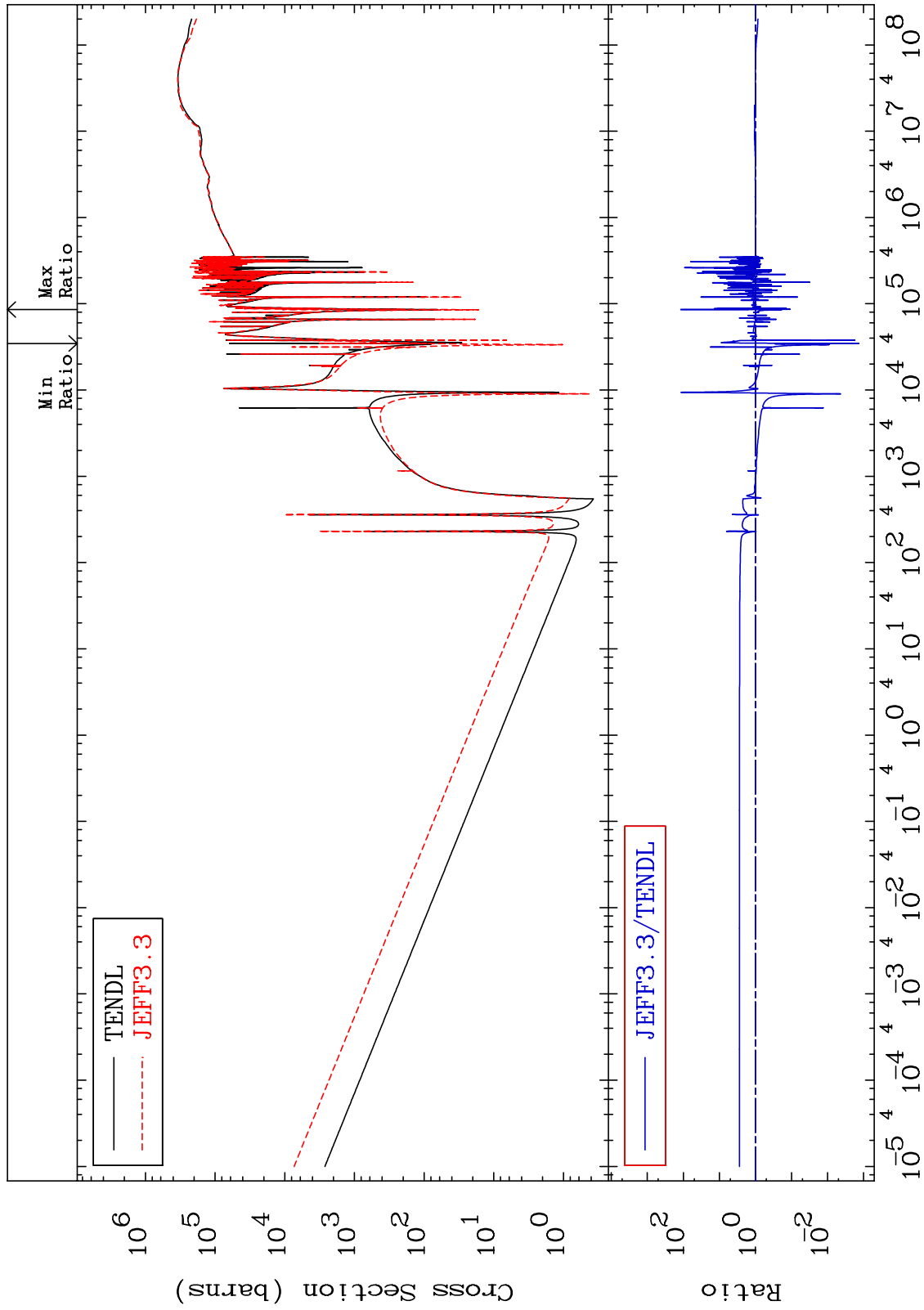
MAT 2637 Total kinematic kerma (high limit) 26-Fe-58
 Cross Section -99.87 To 9999. %



MAT 2637

Dpa total (eV-barns)
Cross Section

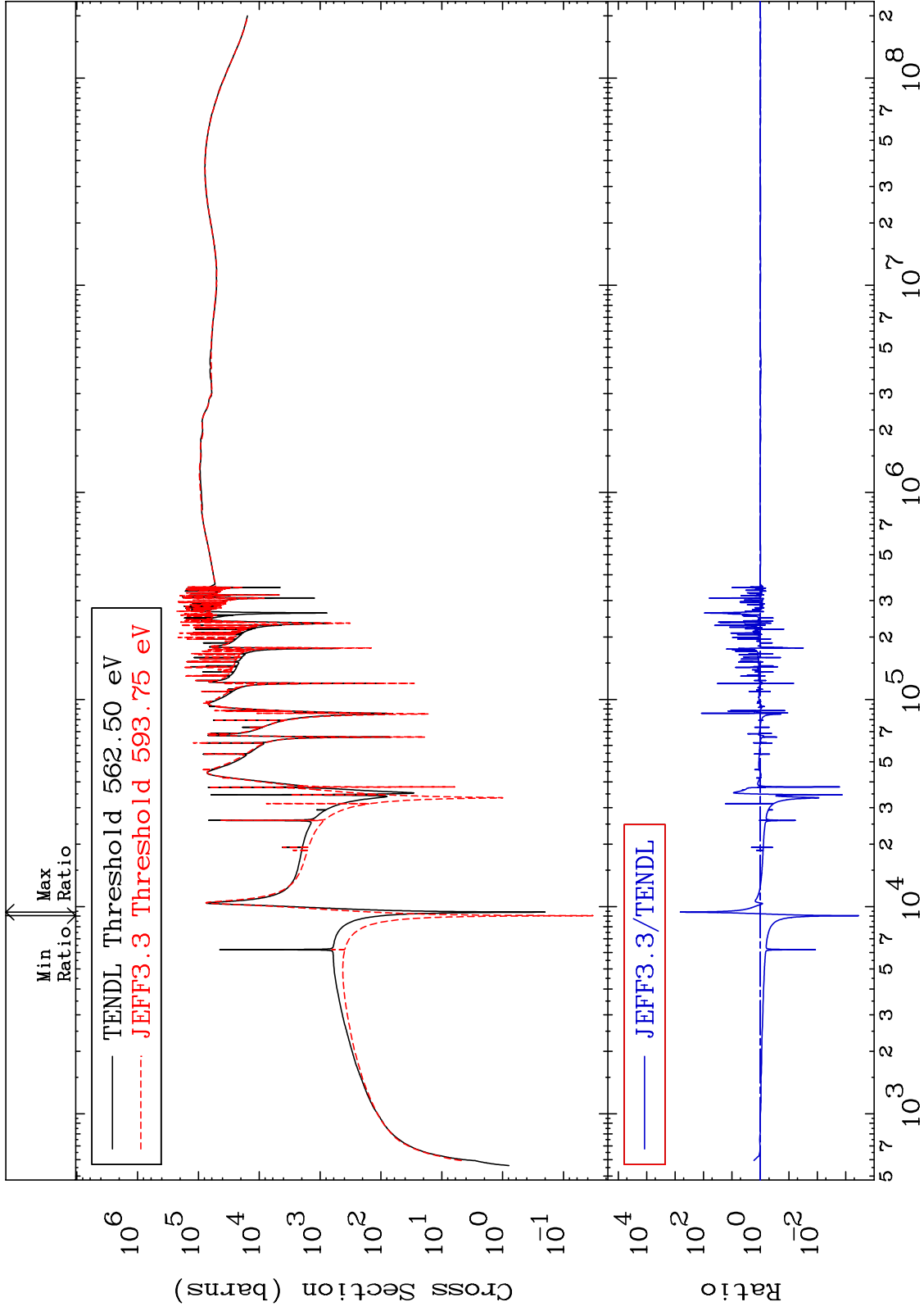
26-Fe-58
-99.87 To 9999. %



MAT 2637

Dpa elastic (mt2)
Cross Section

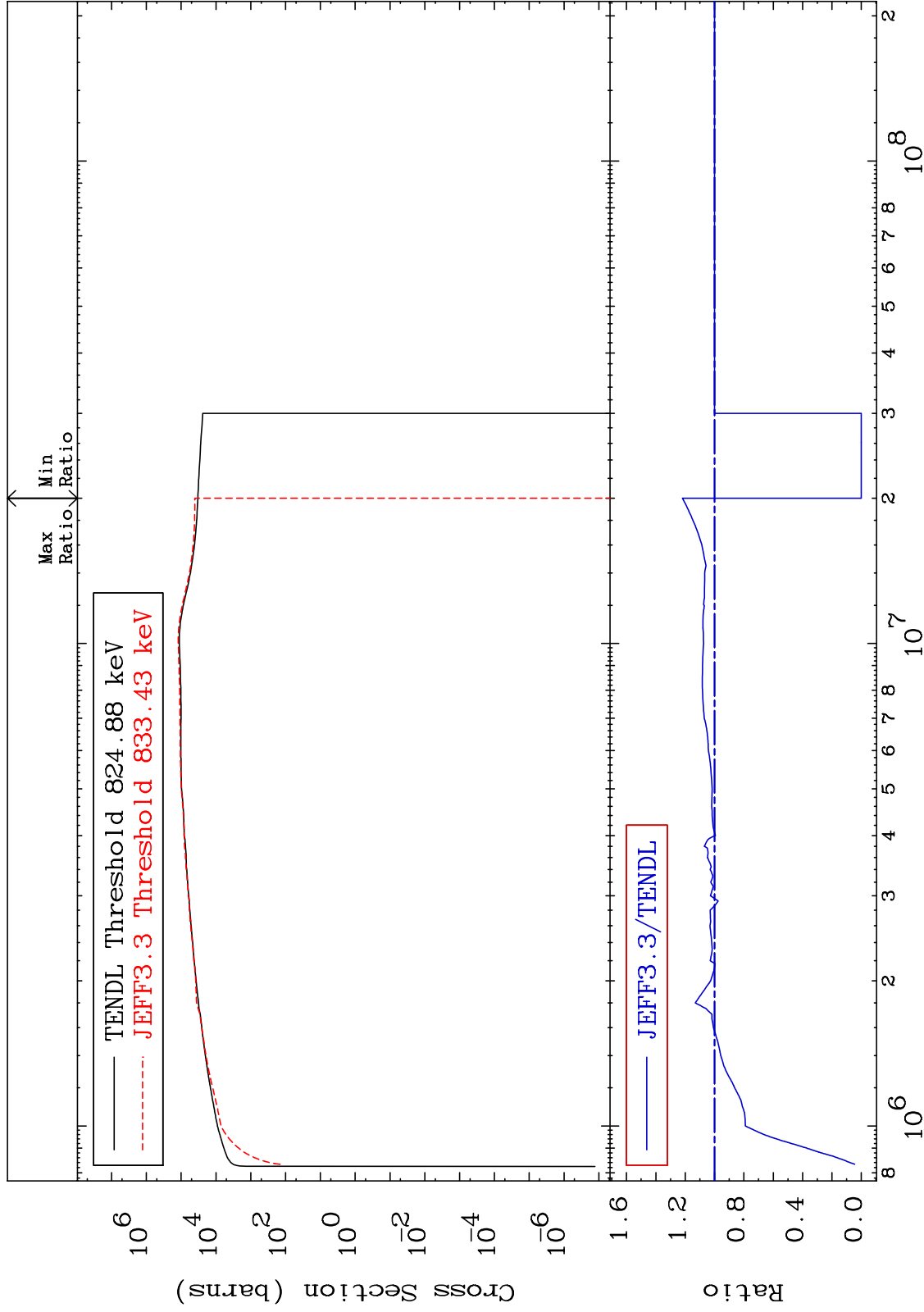
26-Fe-58
-99.97 To 9999. %



MAT 2637

Dpa inelastic (mt51-91)
Cross Section

26-Fe-58
-100.0 To 21.86 %

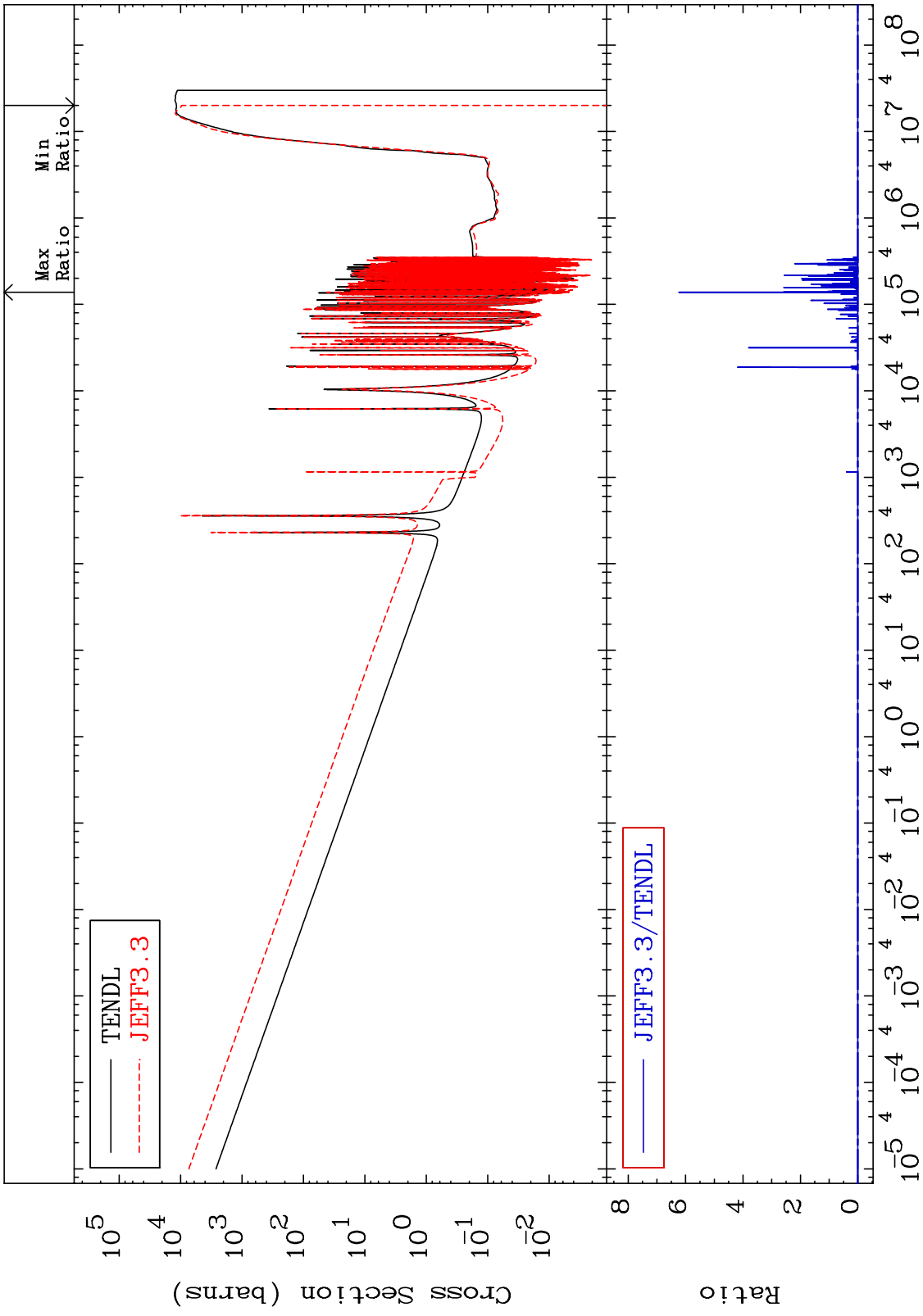


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Incident Energy (eV)

26-Fe-58

MAT 2637 Dpa disappearance (mt102 -120) 26-Fe-58
 Cross Section -100.0 To 9999. %

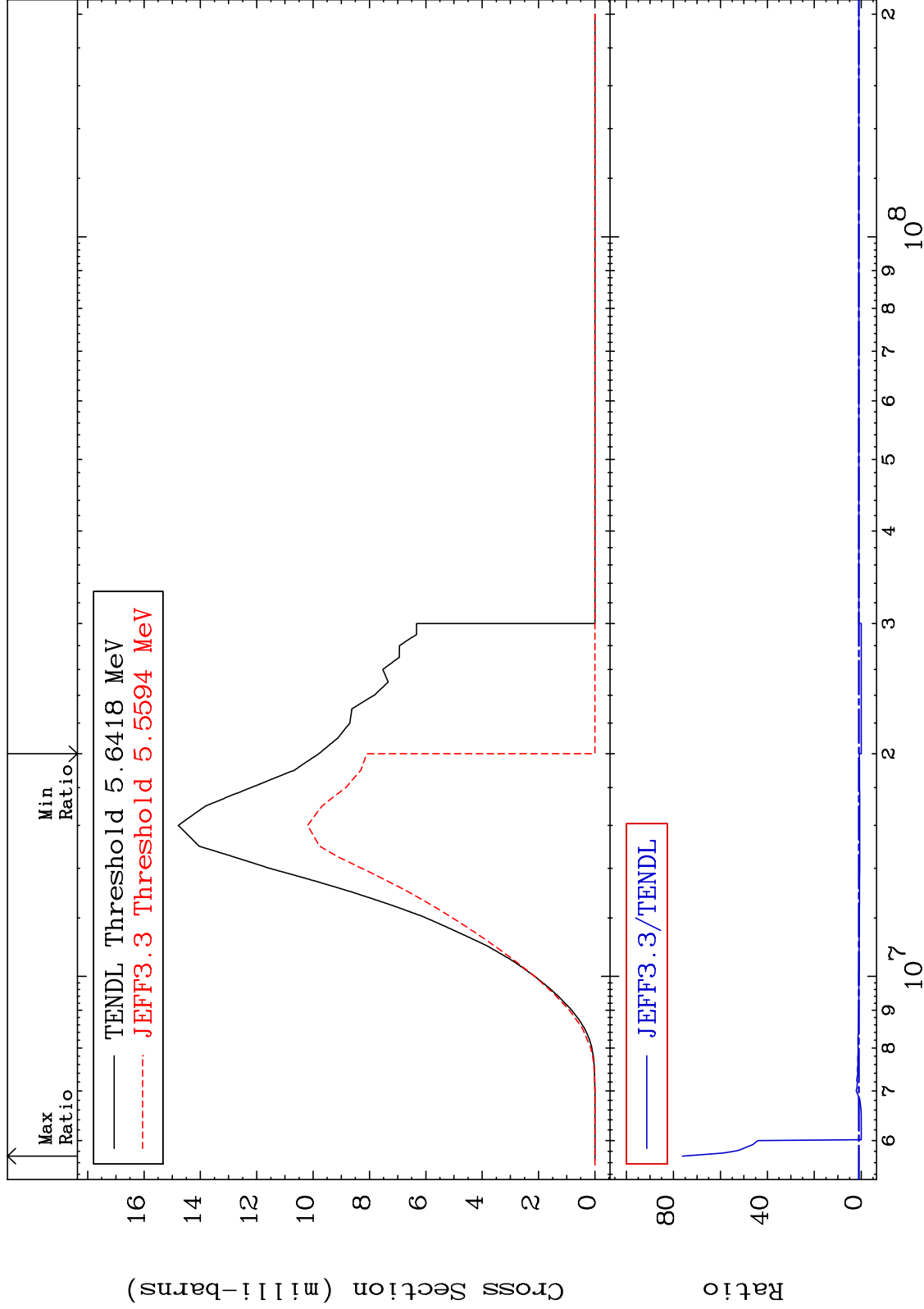


MAT 2637

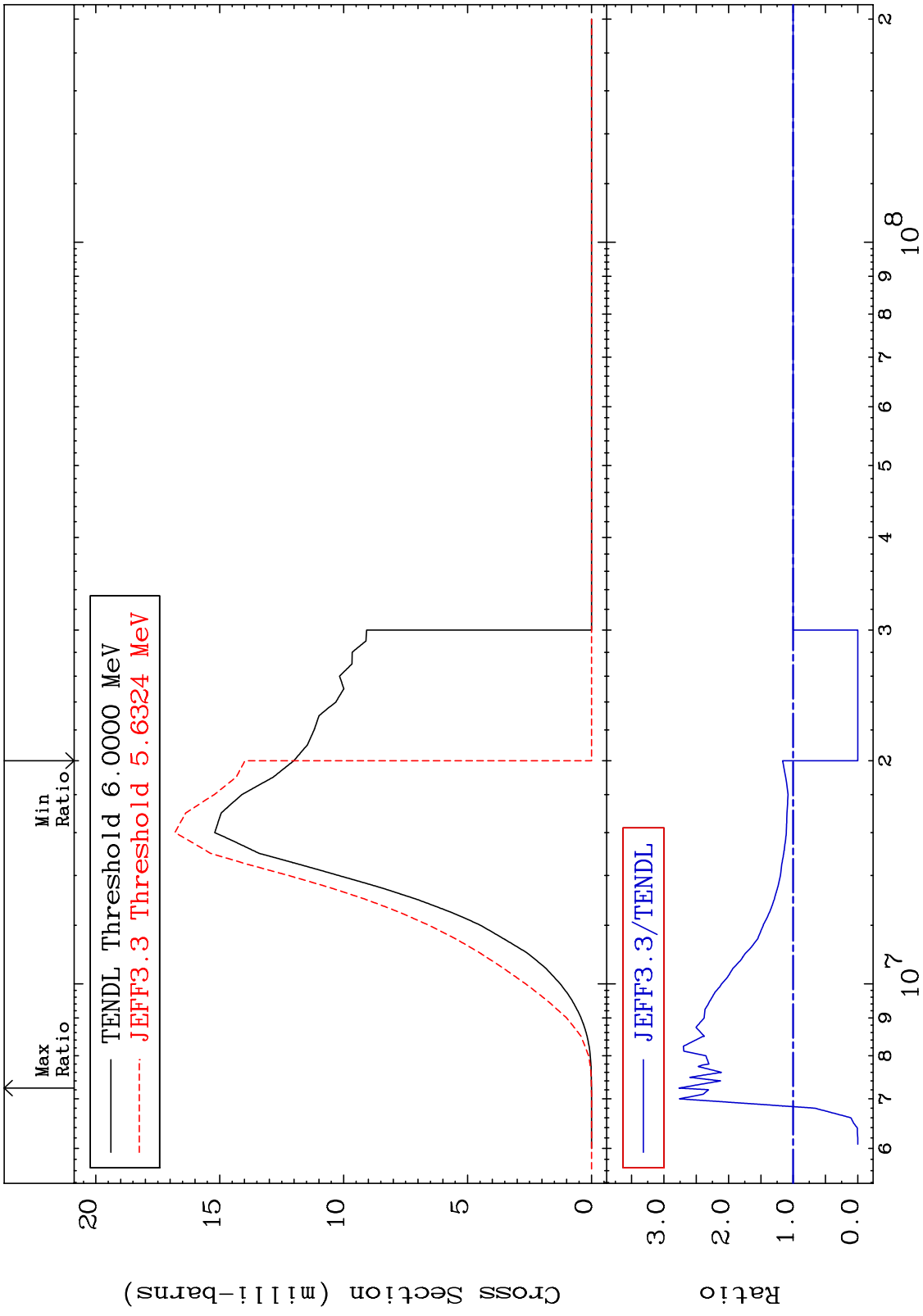
(n,p):25-Mn-58g

²⁶Fe-58

Radionuclide Production Cross Section -100.0 To 7517. %



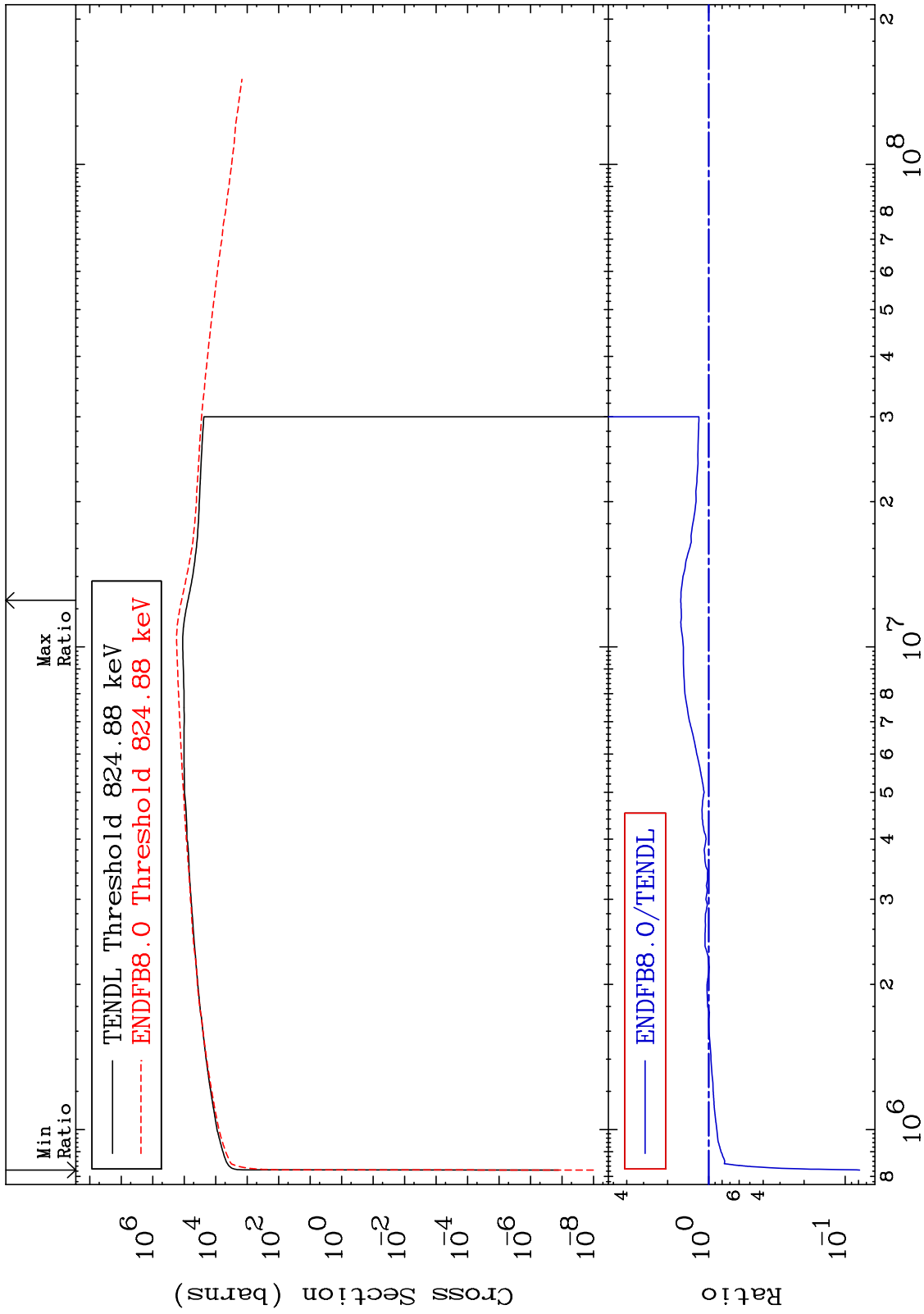
MAT 2637 (n,p):25-Mn-58m1 26-Fe-58
Radionuclide Production Cross Section -100.0 To 176.6 %



MAT 2637

Dpa inelastic (mt51-91)
Cross Section

26-Fe-58
-92.16 To 60.30 %



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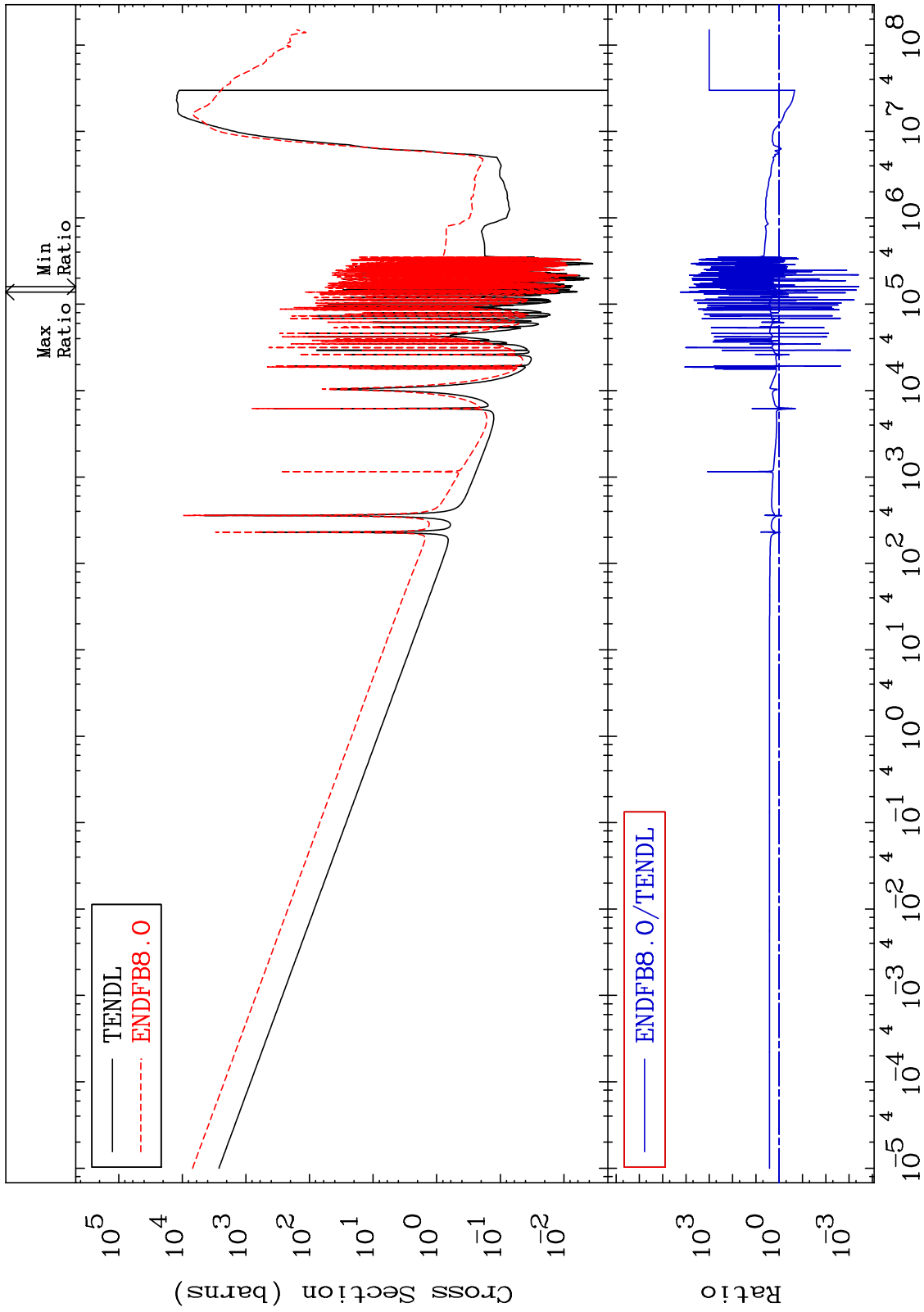
26-Fe-58

26-Fe-58

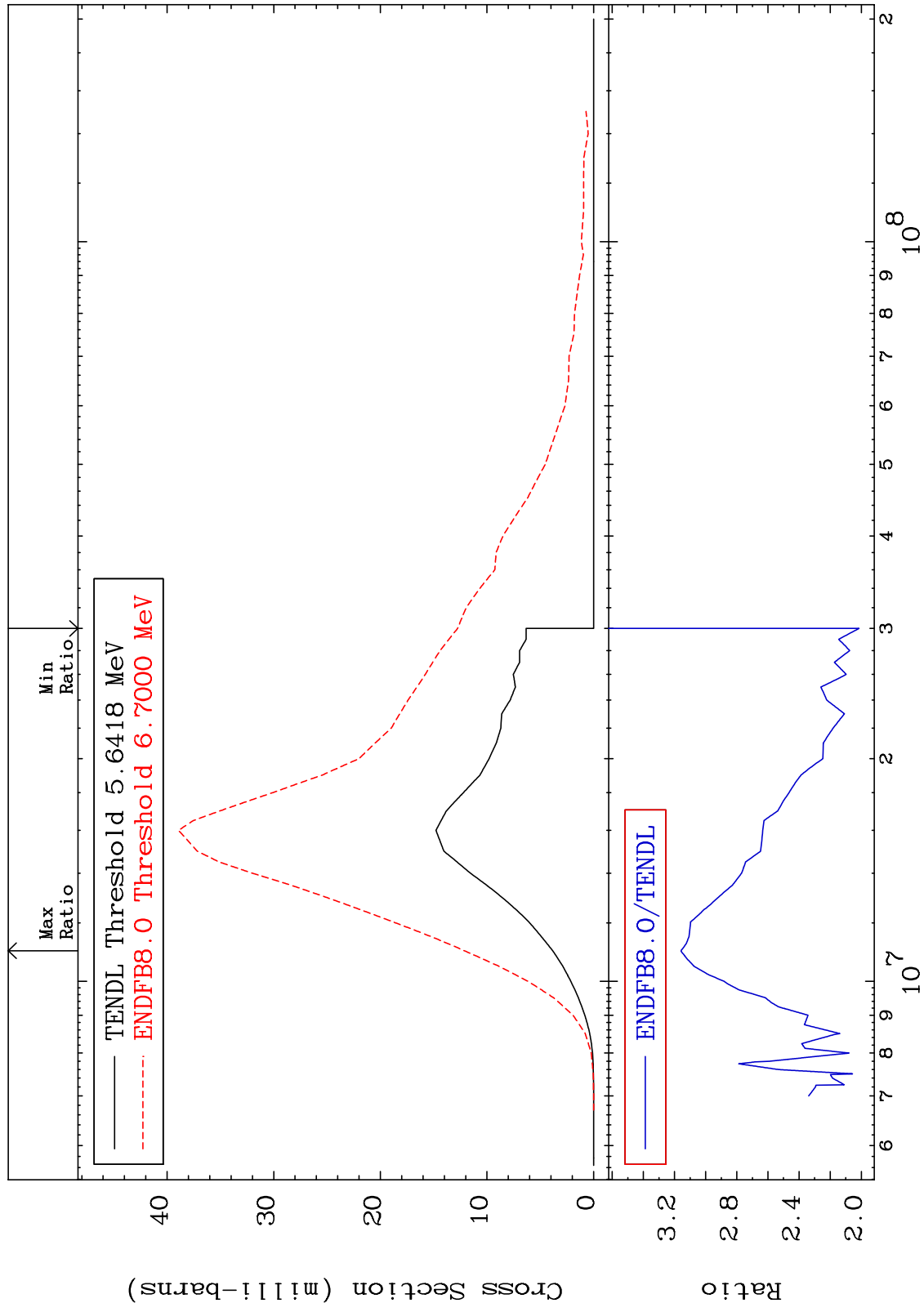
MAT 2637

Dpa disappearance (mt102 -120)
Cross Section

26-Fe-58
-99.96 To 9999. %



MAT 2637 (n,p):25-Mn-58g 26-Fe-58
Radionuclide Production Cross Section 101.5 To 215.9 %



58 Incident Energy (eV) 26-Fe-58

MAT 2637 (n,p):25-Mn-58m1 26-Fe-58
Radionuclide Production Cross Section -100.0 To 177.2 %

