

Program Complot
(Version 2018-1)

by

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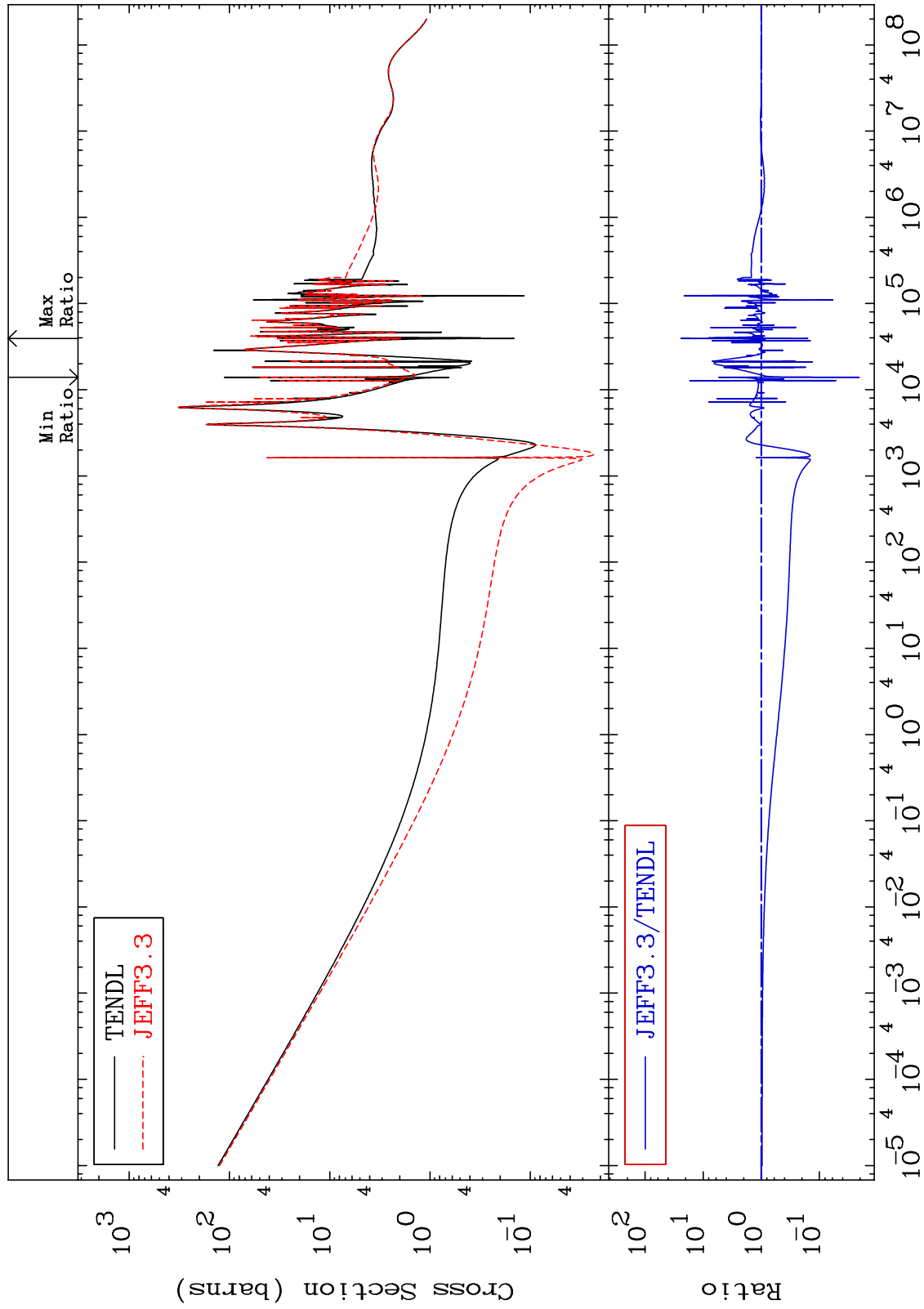
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2634

Total
Cross Section

26-Fe-57
-97.92 To 2317. %



1

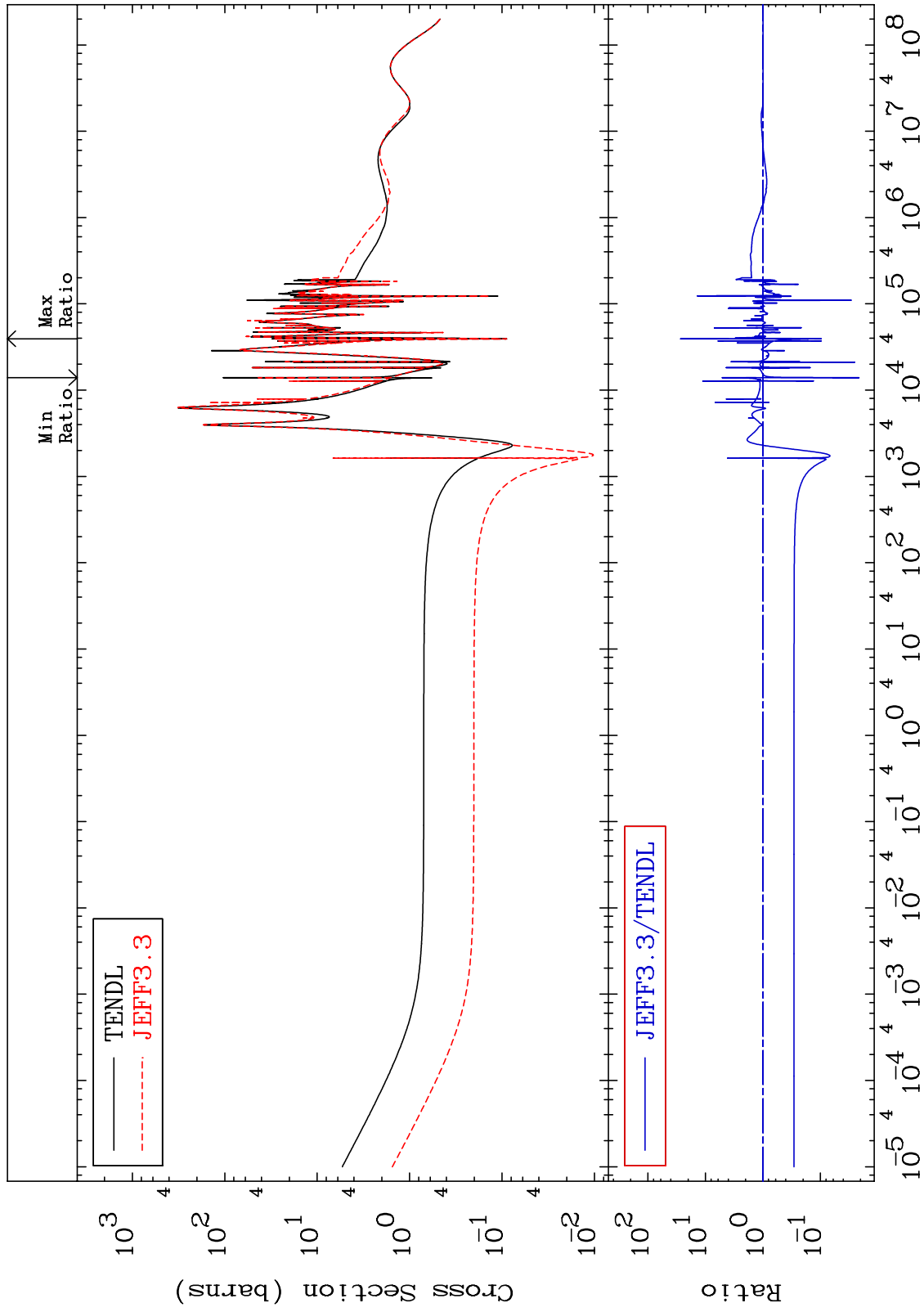
Incident Energy (eV)

26-Fe-57

MAT 2634

Elastic
Cross Section

26-Fe-57
-97.87 To 2600. %



2

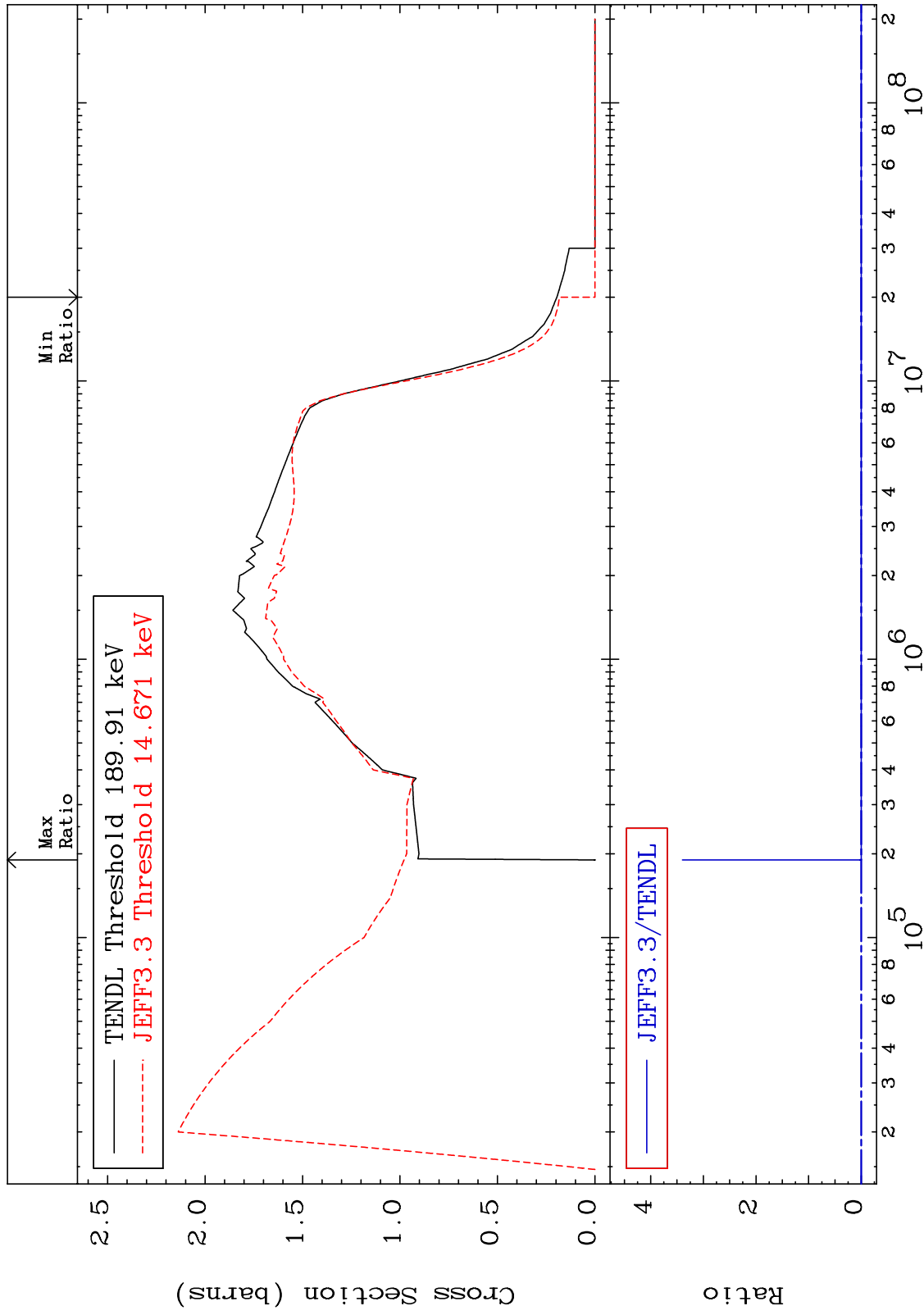
Incident Energy (eV)

26-Fe-57

MAT 2634

Inelastic
Cross Section

26-Fe-57
-100.0 To 9999. %



3

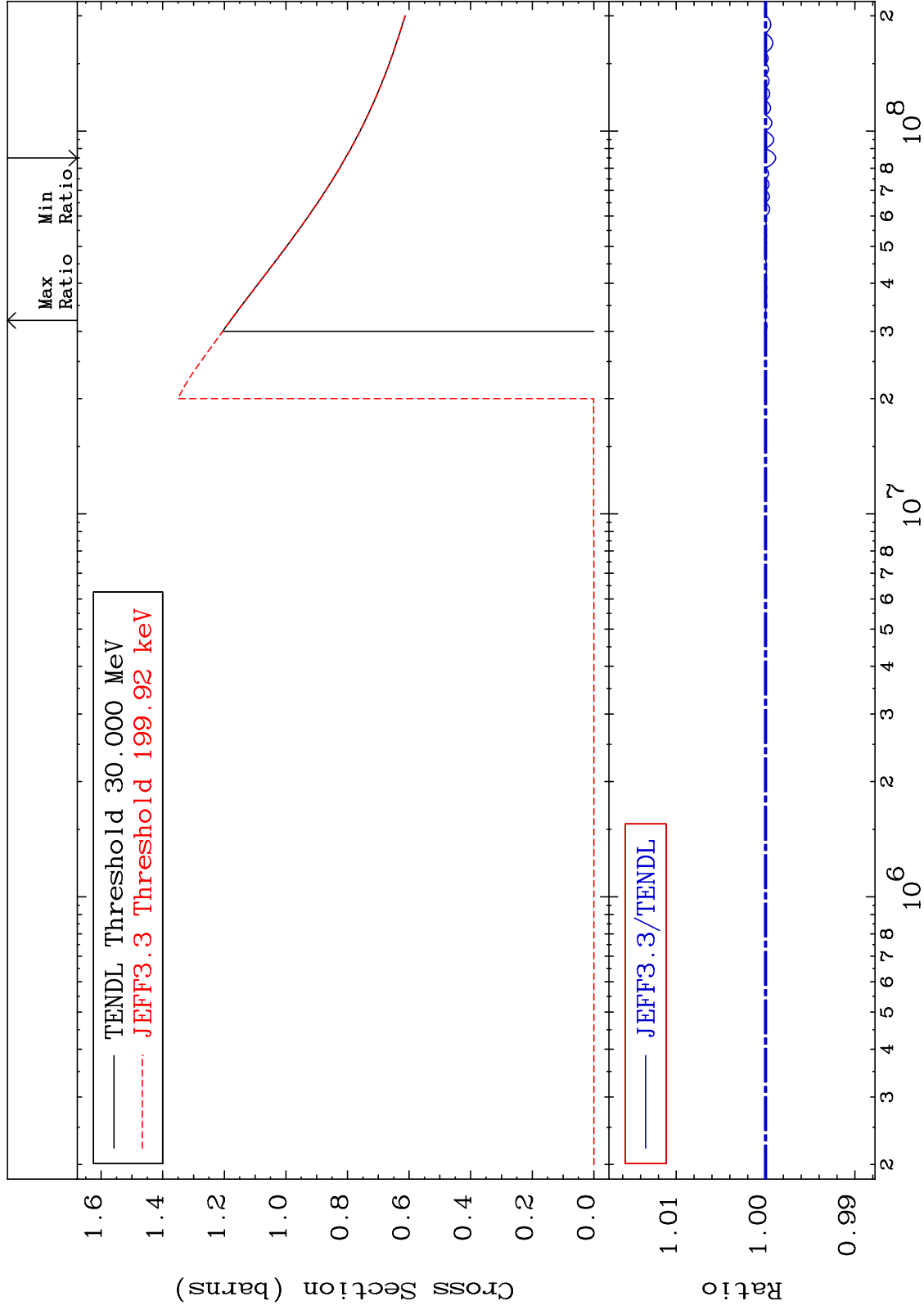
Incident Energy (eV)

26-Fe-57

MAT 2634

(n, remainder)
Cross Section

26-Fe-57
-0.113 To 0.003 %

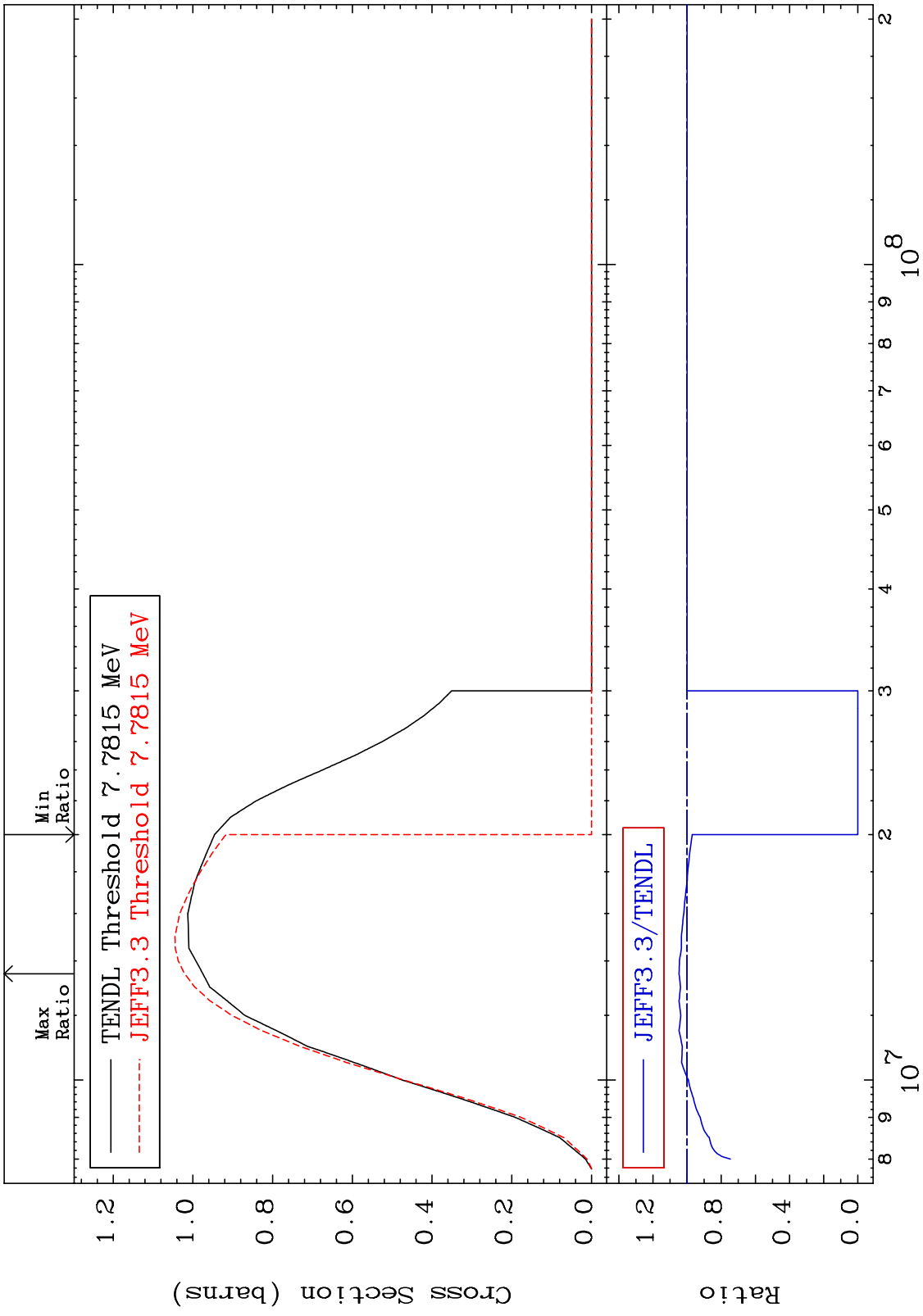


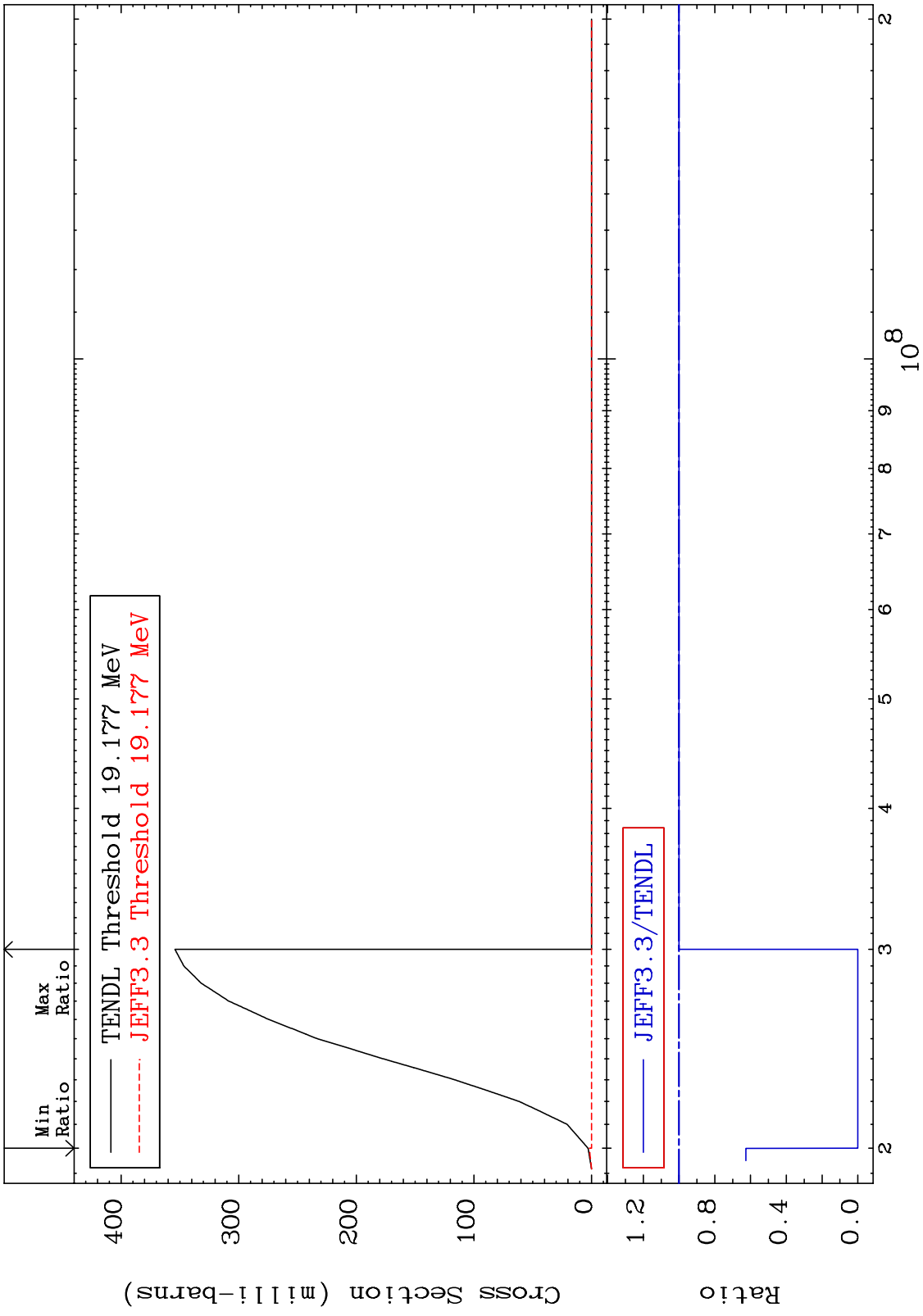
4

Incident Energy (eV)

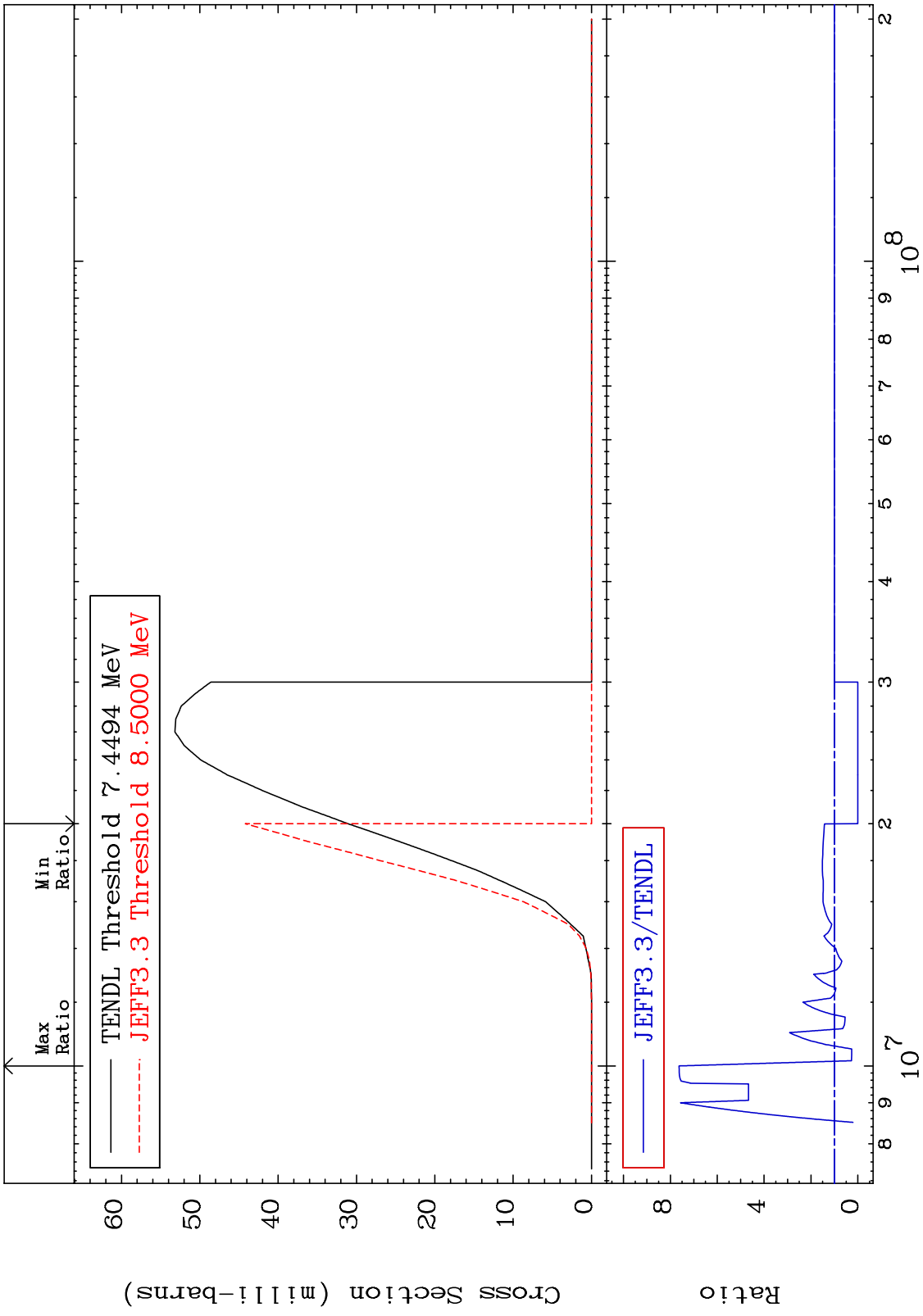
26-Fe-57

MAT 2634 (n,2n) Cross Section 26-Fe-57 -100.0 To 4.717 %



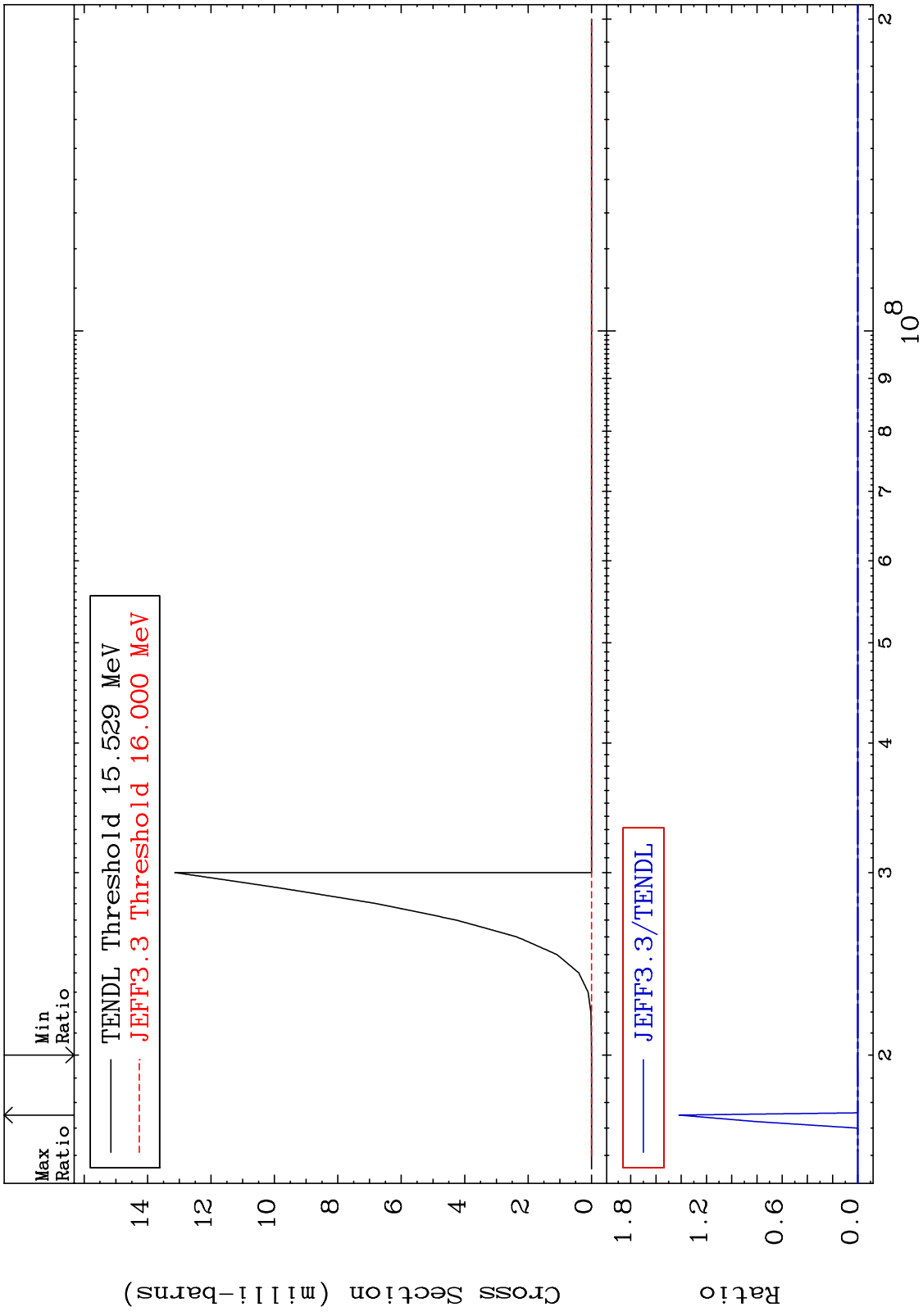


MAT 2634 $(n, n') \alpha$ $^{26}\text{Fe-57}$
 Cross Section -100.0 To 663.0 %

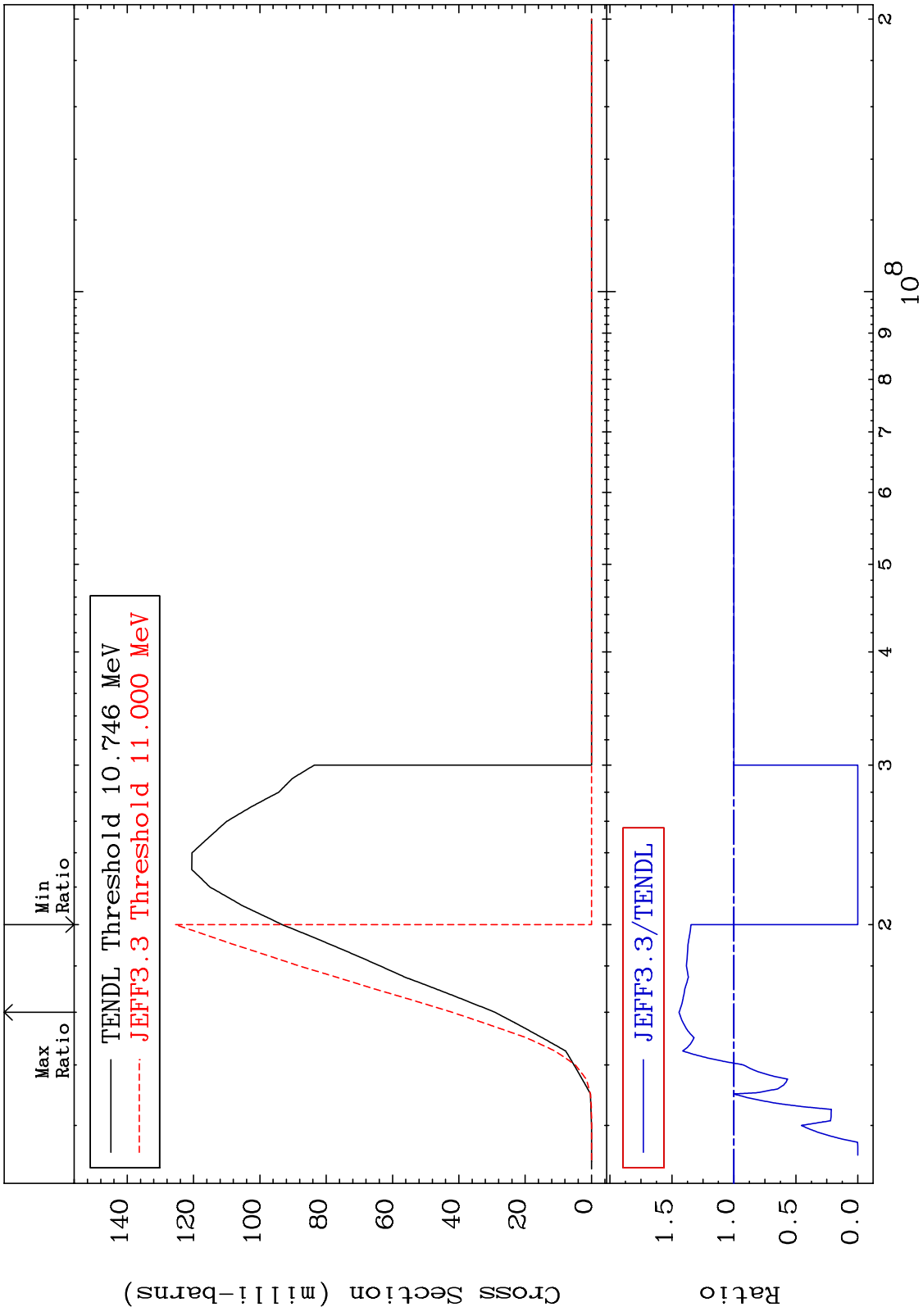


7 8 9 10⁷ 2 3 4 5 6 7 8 9 10⁸ $^{26}\text{Fe-57}$

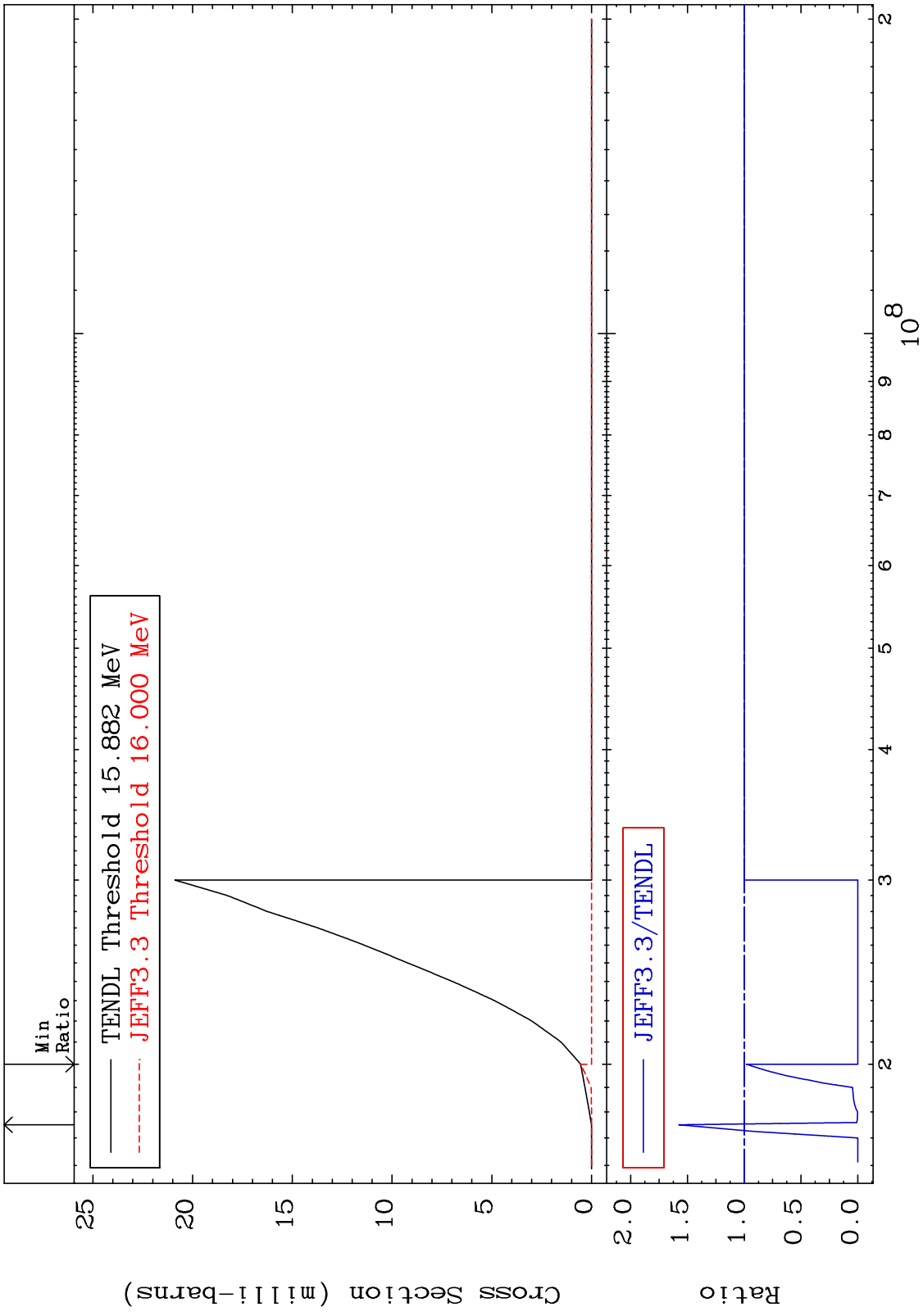
MAT 2634 (n,2n) α 26-Fe-57
 Cross Section -100.0 To 9999. %



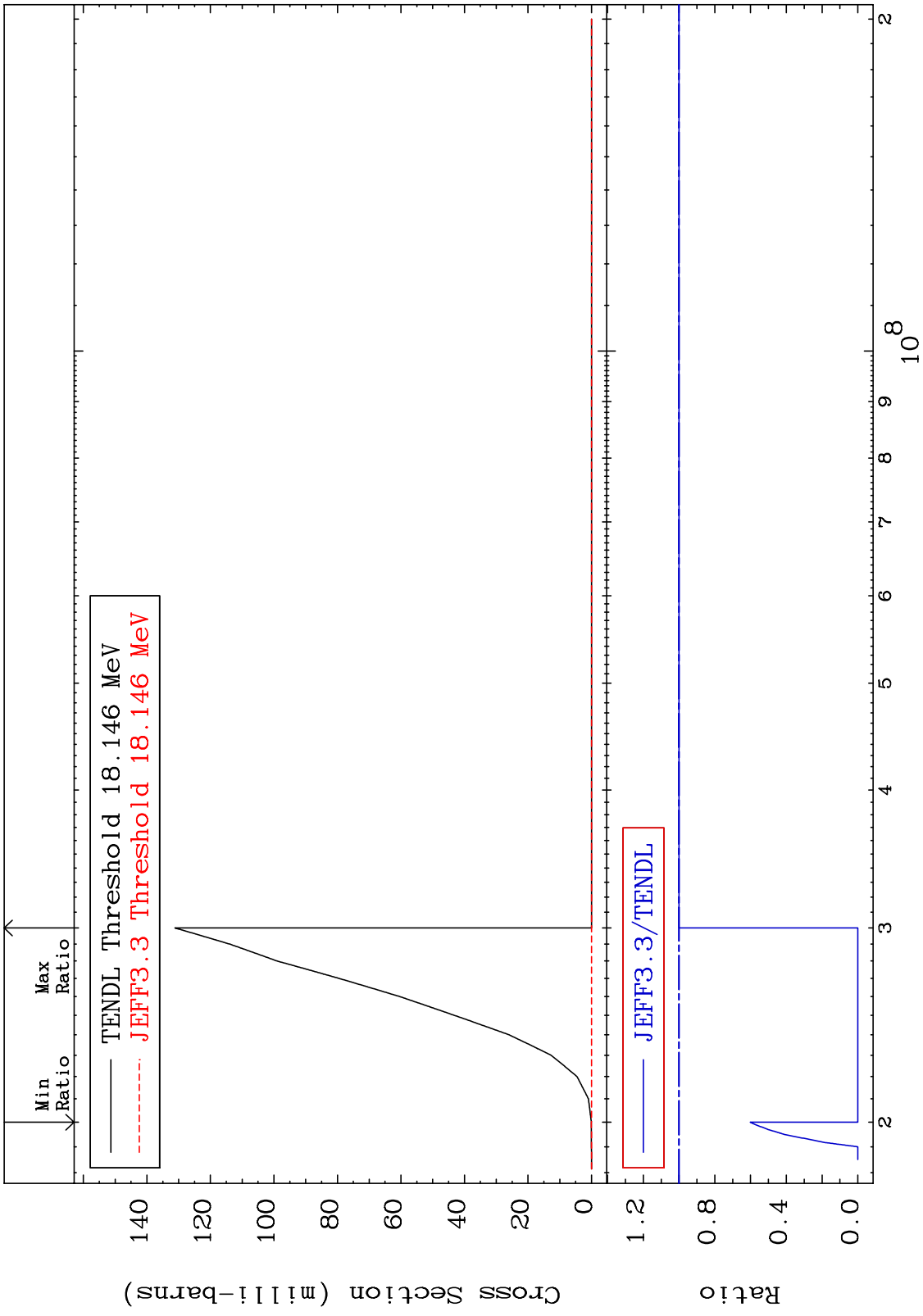
MAT 2634 (n,n') p 26-Fe-57
 Cross Section -100.0 To 44.27 %



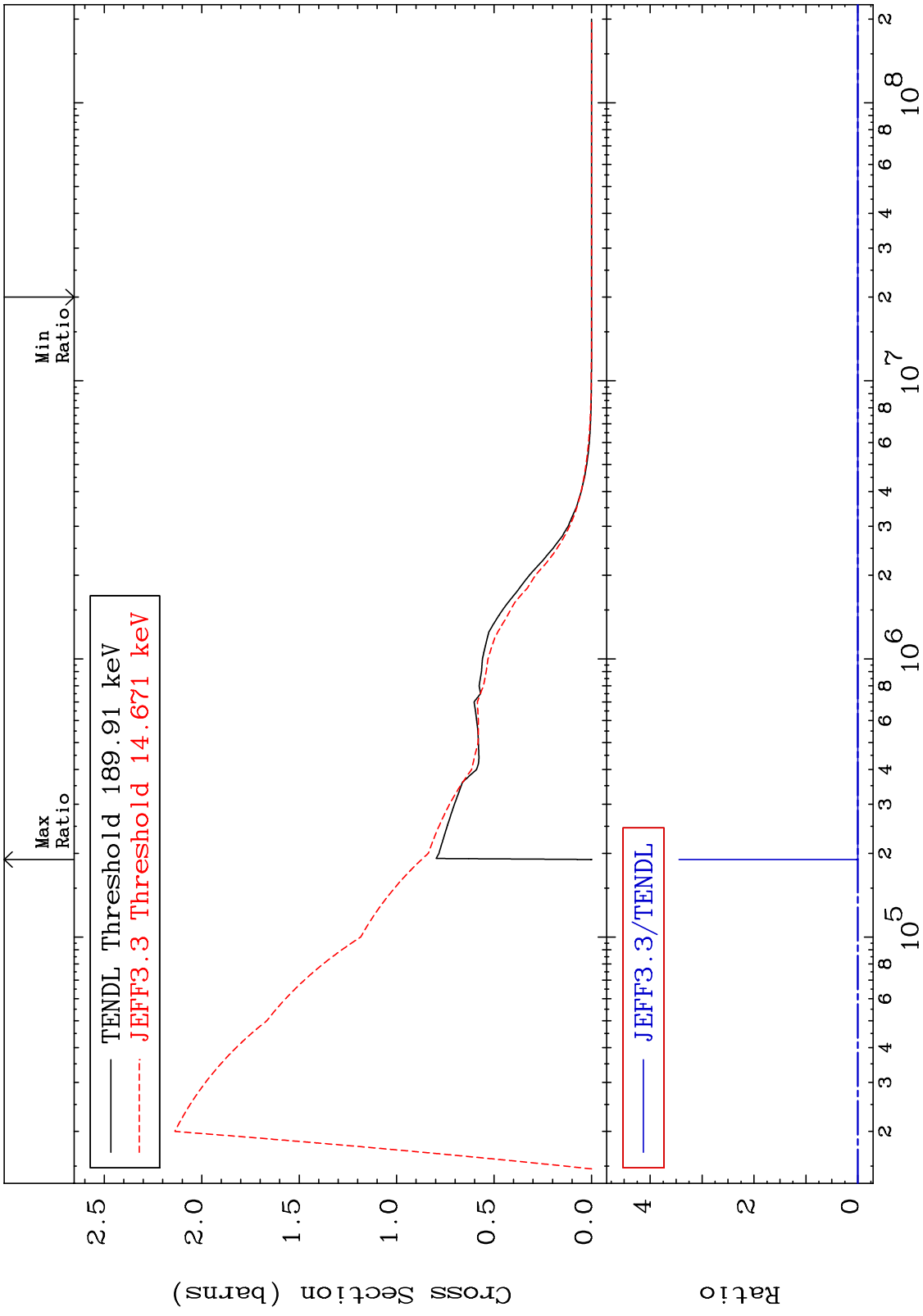
MAT 2634 (n,n') d 26-Fe-57
 Cross Section -100.0 To 57.40 %



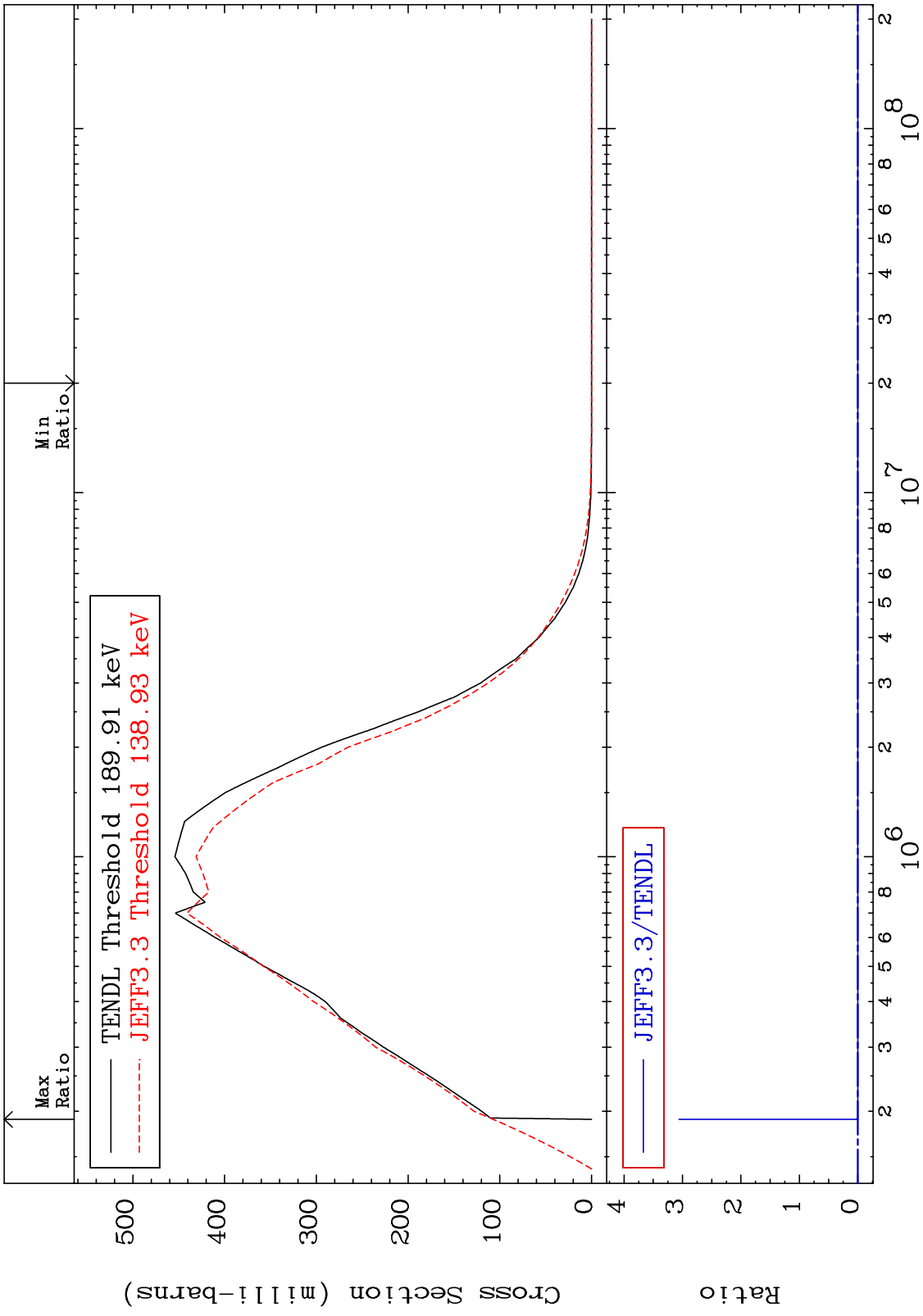
10 26-Fe-57



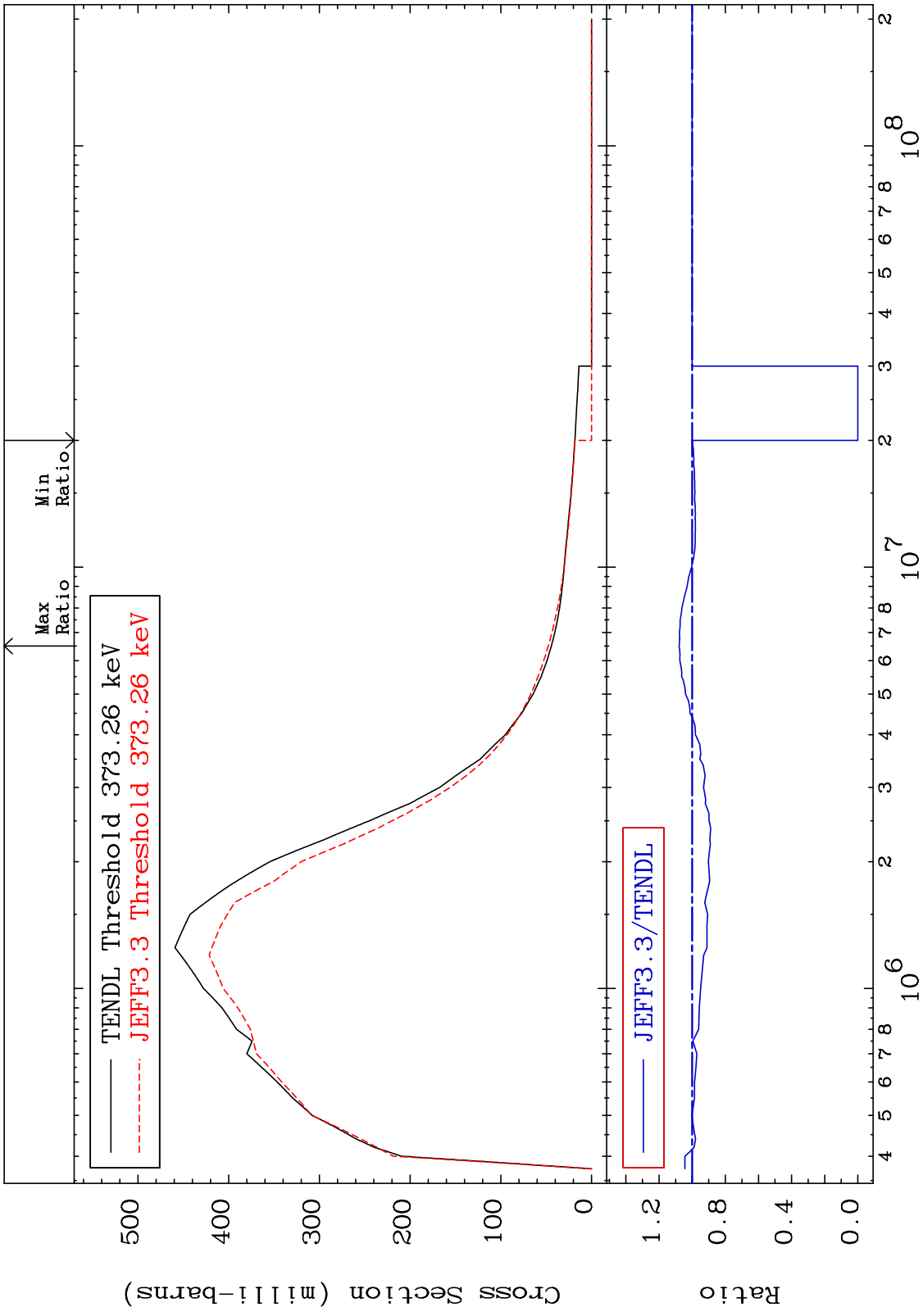
MAT 2634 MT= 51 (n,n') Level Cross Section 26-Fe-57
 -100.0 To 9999. %



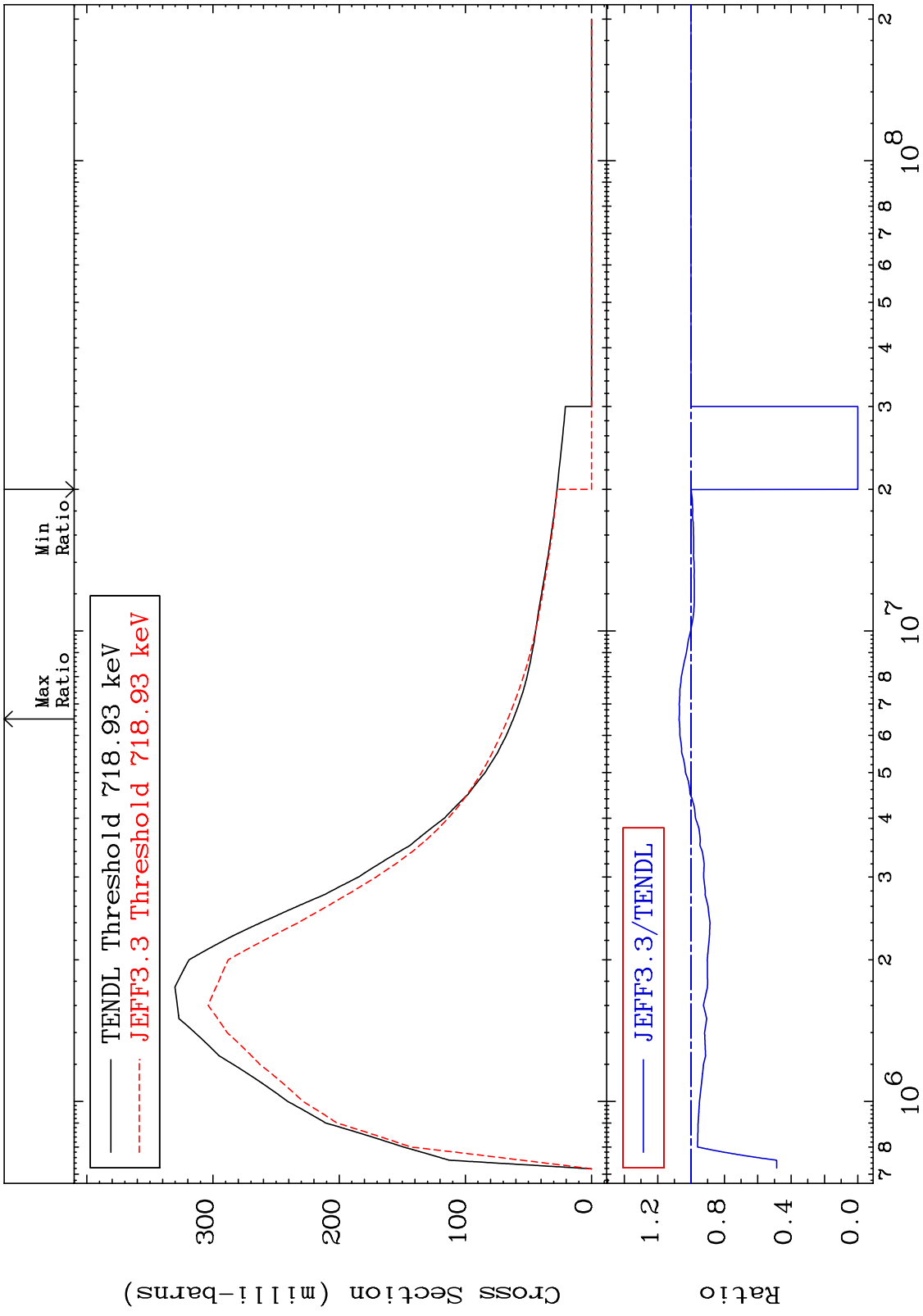
MAT 2634 MT= 52 (n,n') Level Cross Section -100.0 To 9999. % 26-Fe-57



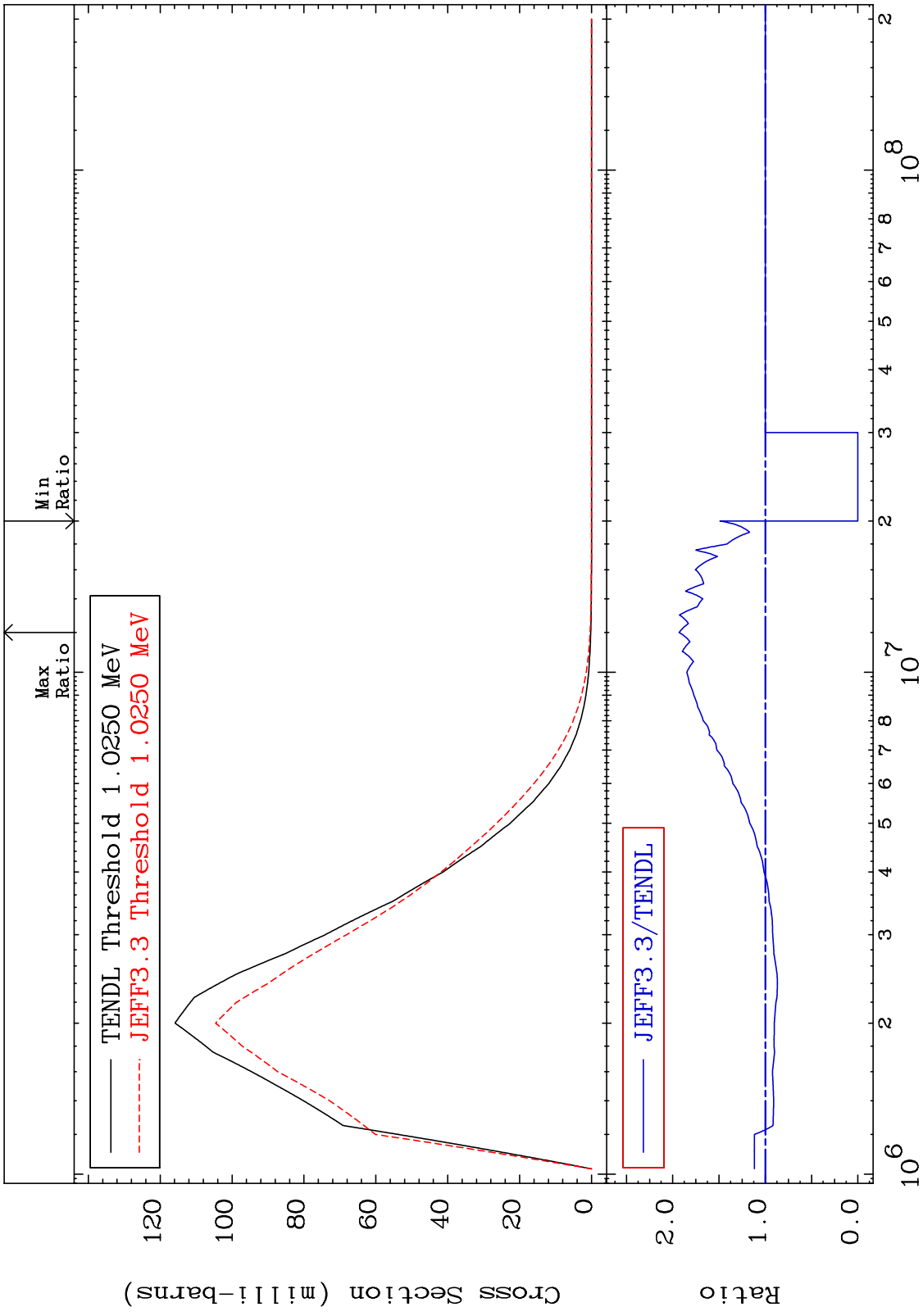
MAT 2634 MT= 53 (n,n') Level Cross Section -100.0 To 7.943 % 26-Fe-57



MAT 2634 MT= 54 (n,n') Level Cross Section -100.0 To 7.188 % 26-Fe-57

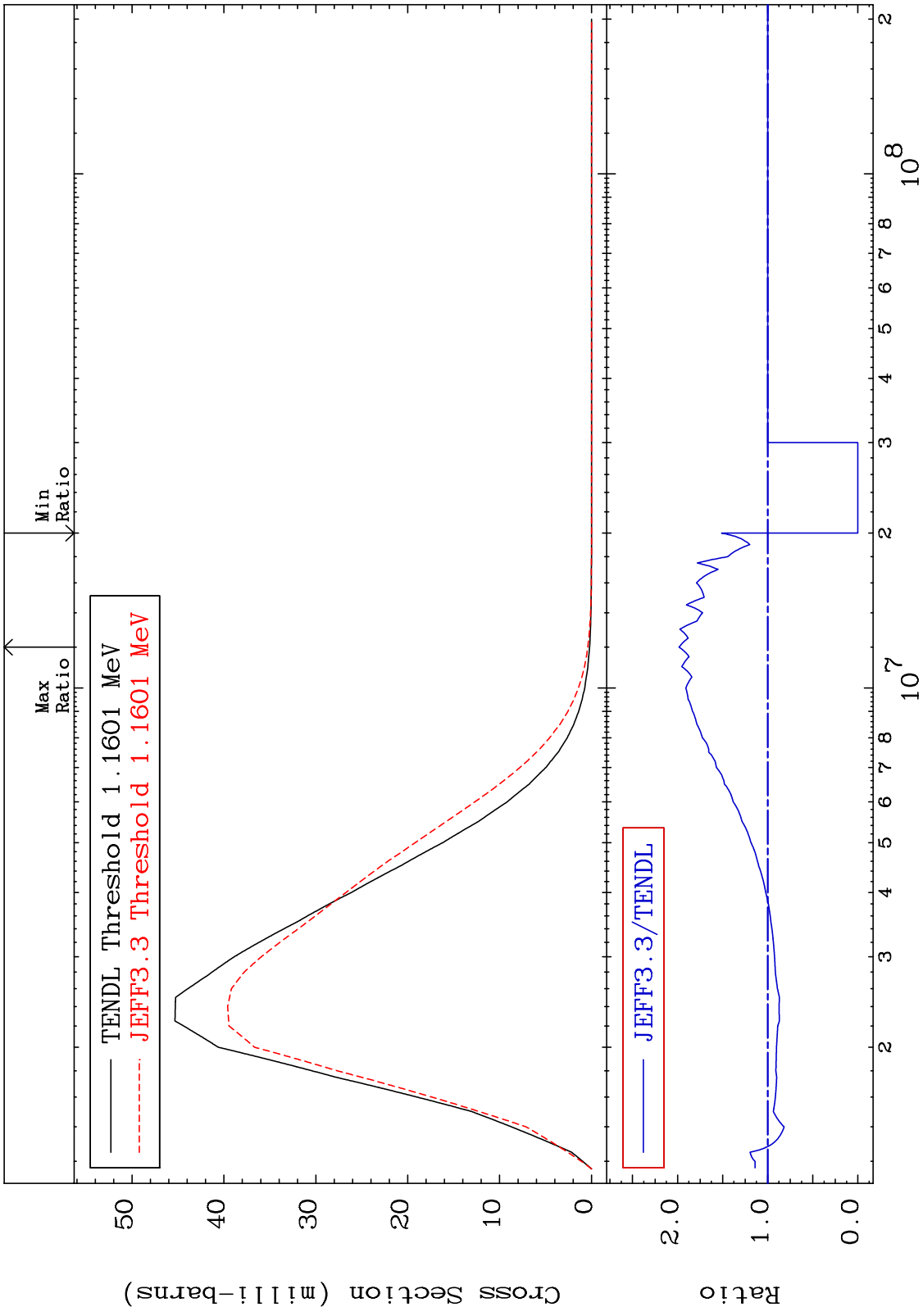


MAT 2634 MT= 55 (n,n') Level Cross Section -100.0 To 93.17 % 26-Fe-57

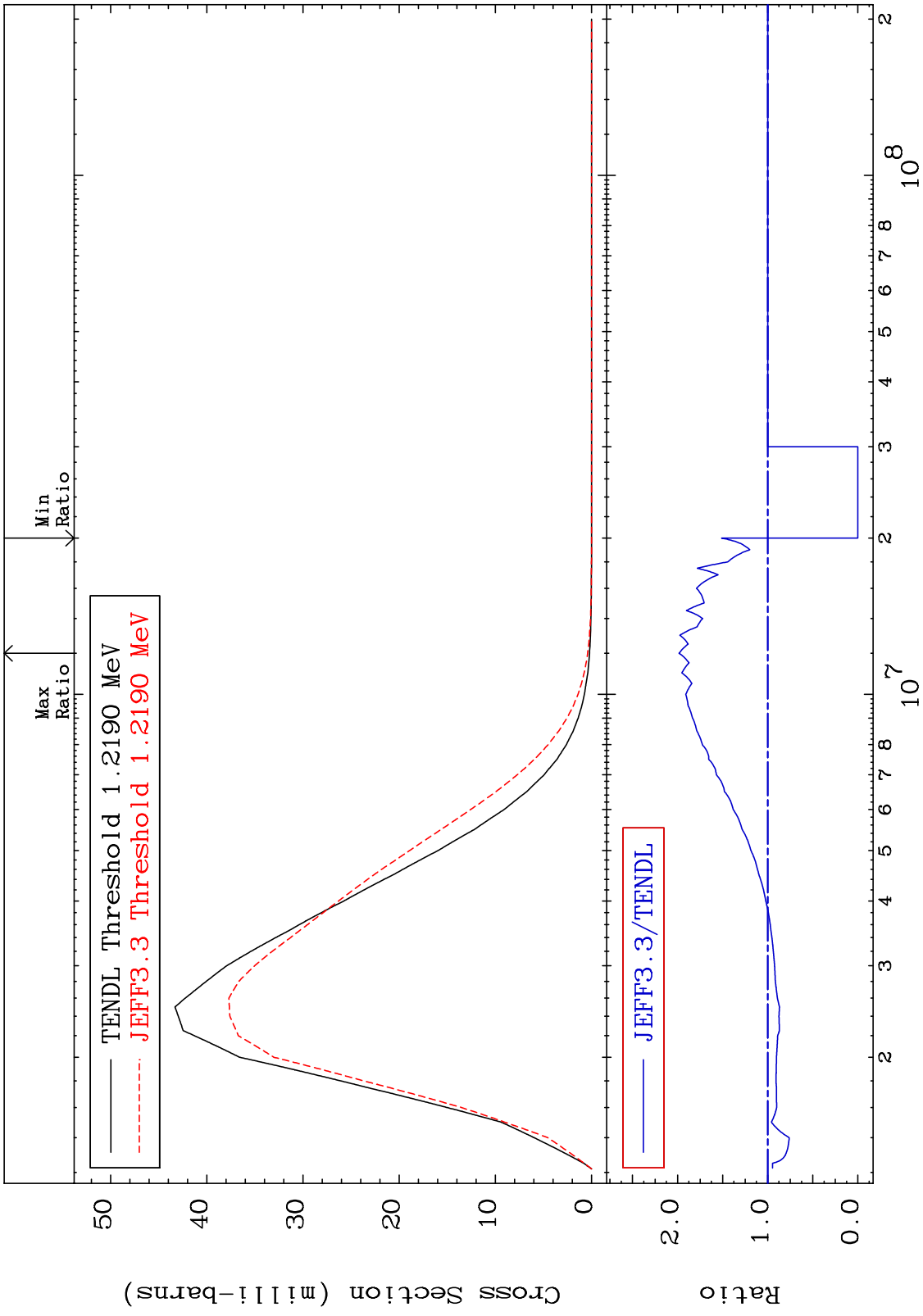


16 Incident Energy (eV) 26-Fe-57

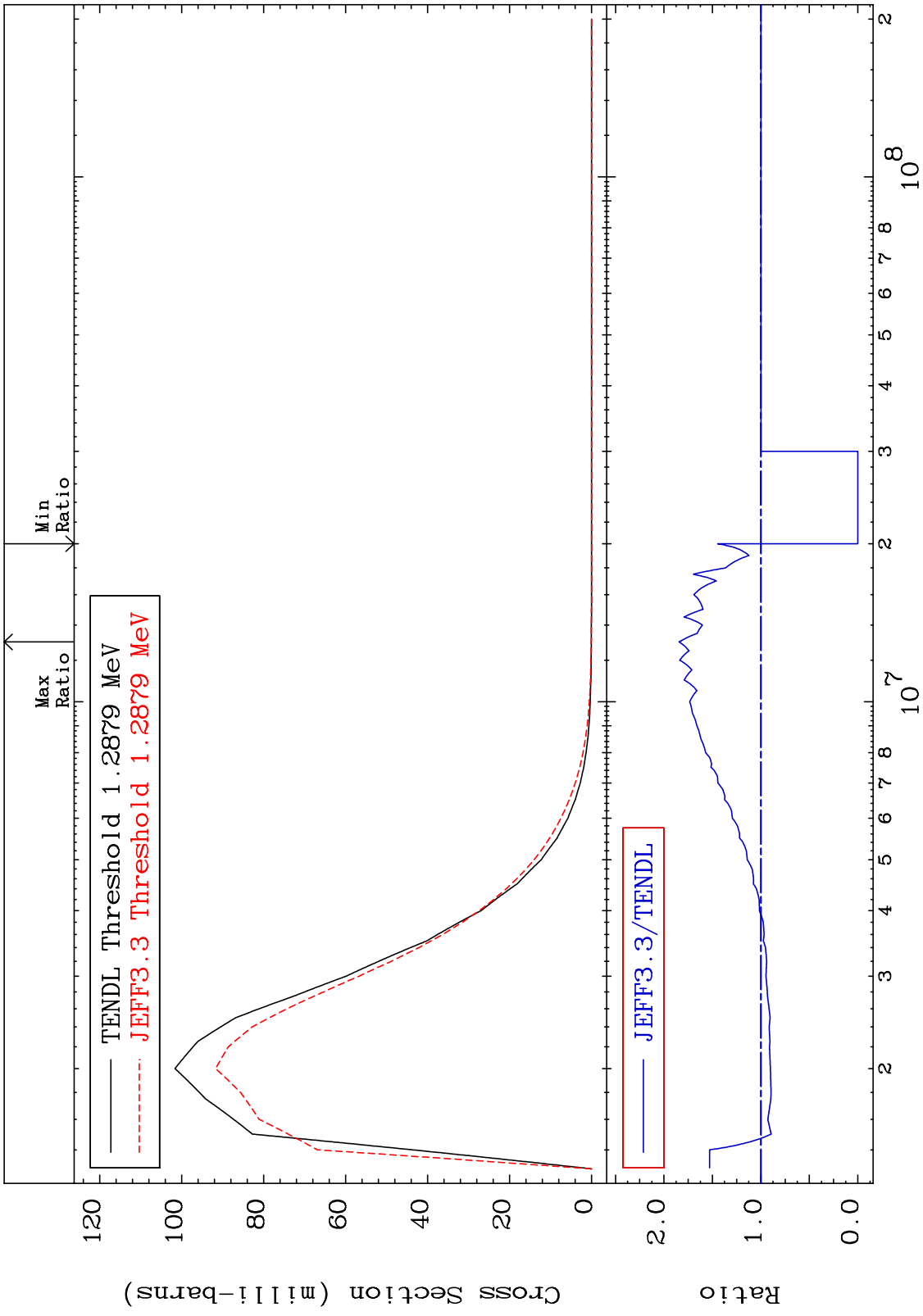
MAT 2634 MT= 56 (n,n') Level Cross Section -100.0 To 98.37 % 26-Fe-57



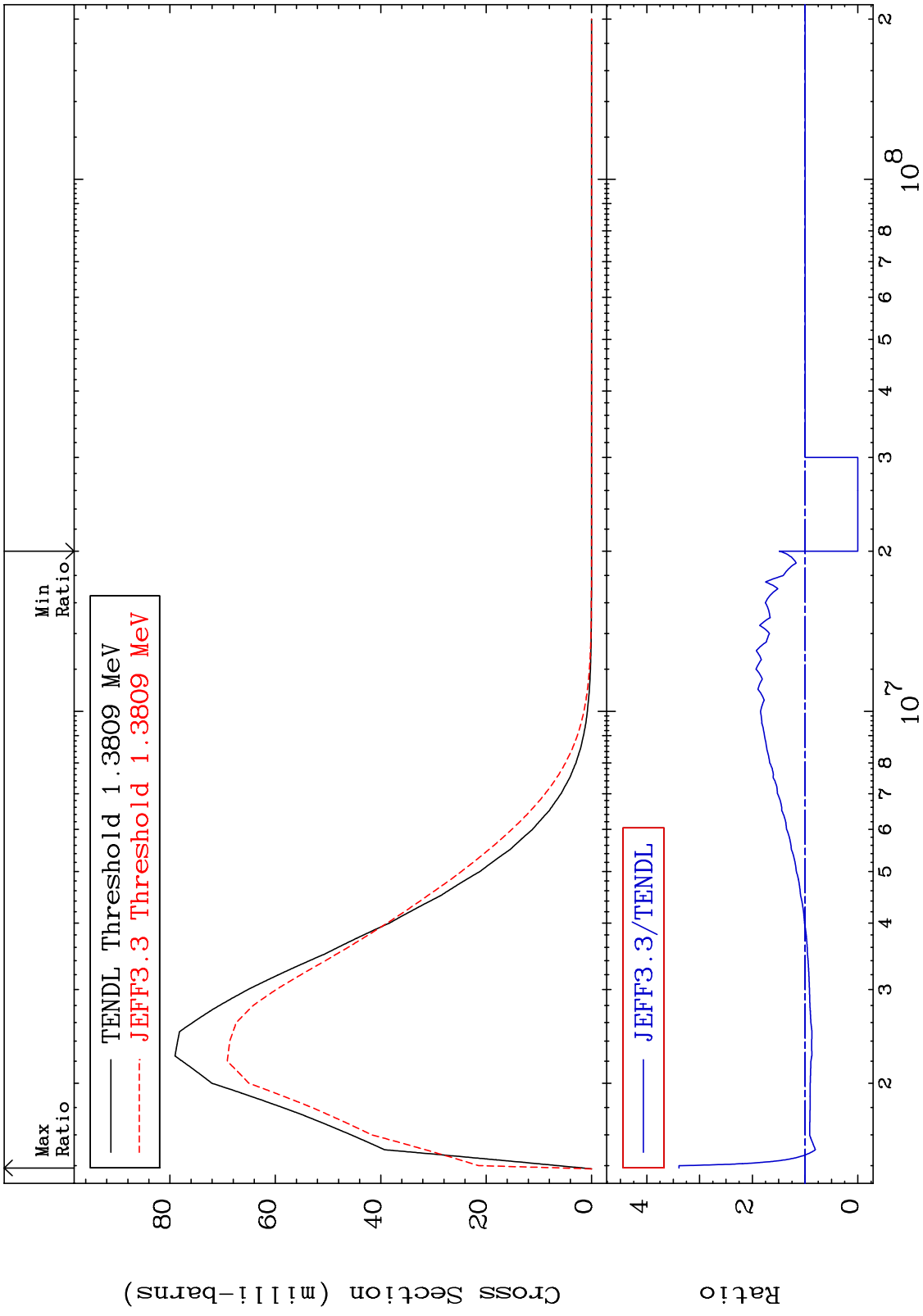
MAT 2634 MT= 57 (n,n') Level Cross Section -100.0 To 98.37 % 26-Fe-57



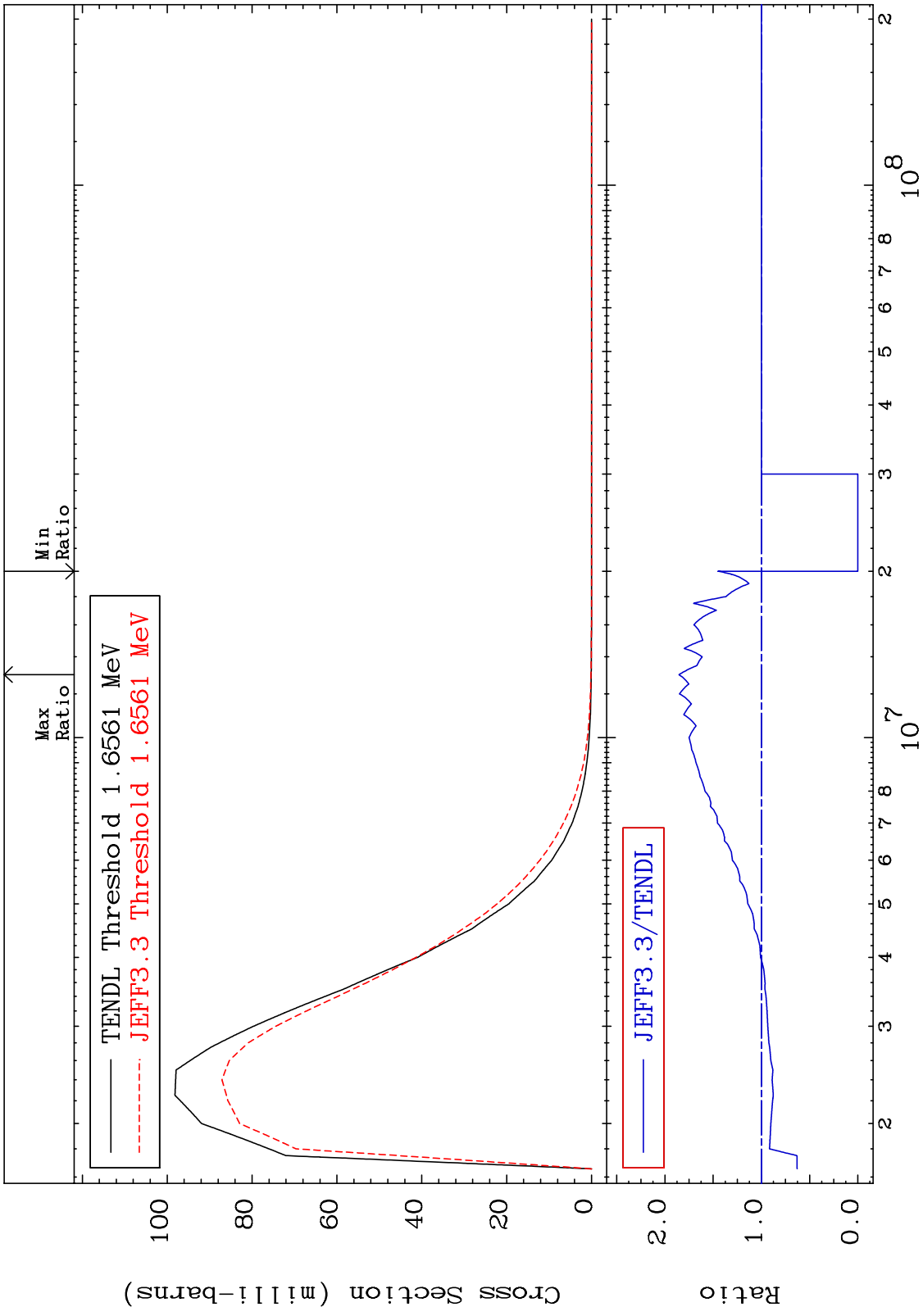
MAT 2634 MT= 58 (n,n') Level Cross Section -100.0 To 84.43 % 26-Fe-57



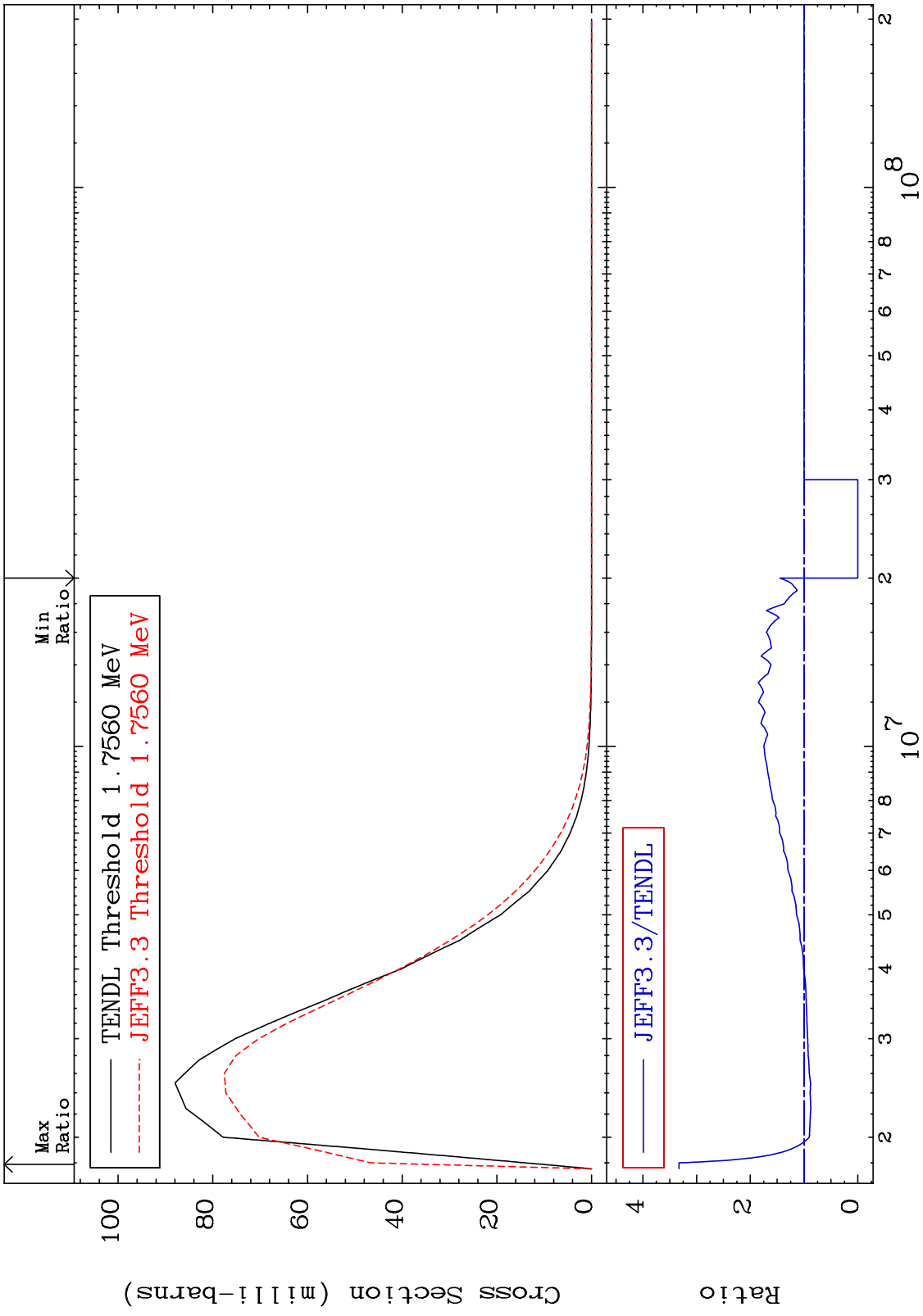
MAT 2634 MT= 59 (n,n') Level Cross Section -100.0 To 239.0 % 26-Fe-57



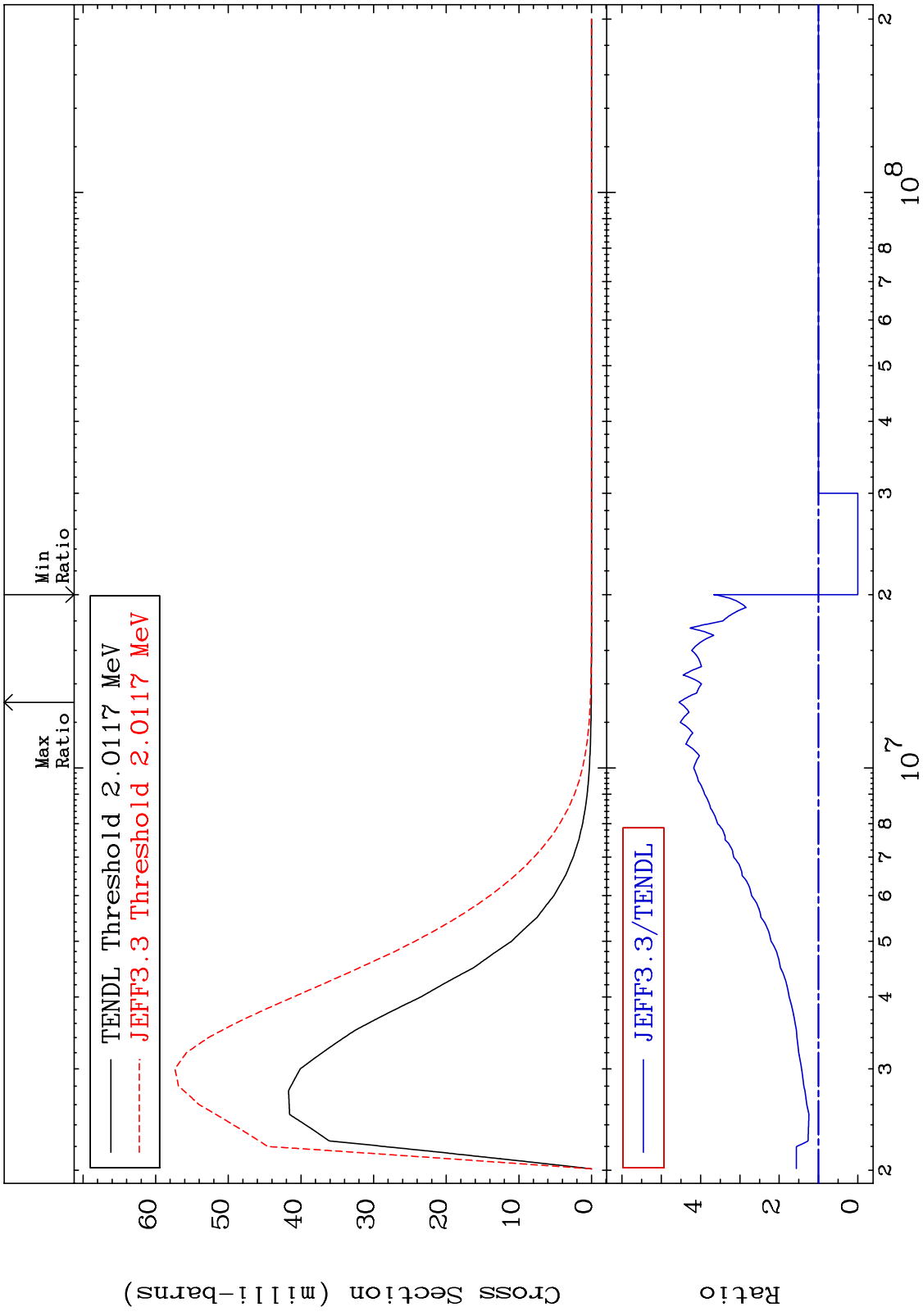
MAT 2634 MT= 60 (n,n') Level Cross Section -100.0 To 85.40 % 26-Fe-57



MAT 2634 MT= 61 (n,n') Level Cross Section -100.0 To 232.6 % 26-Fe-57

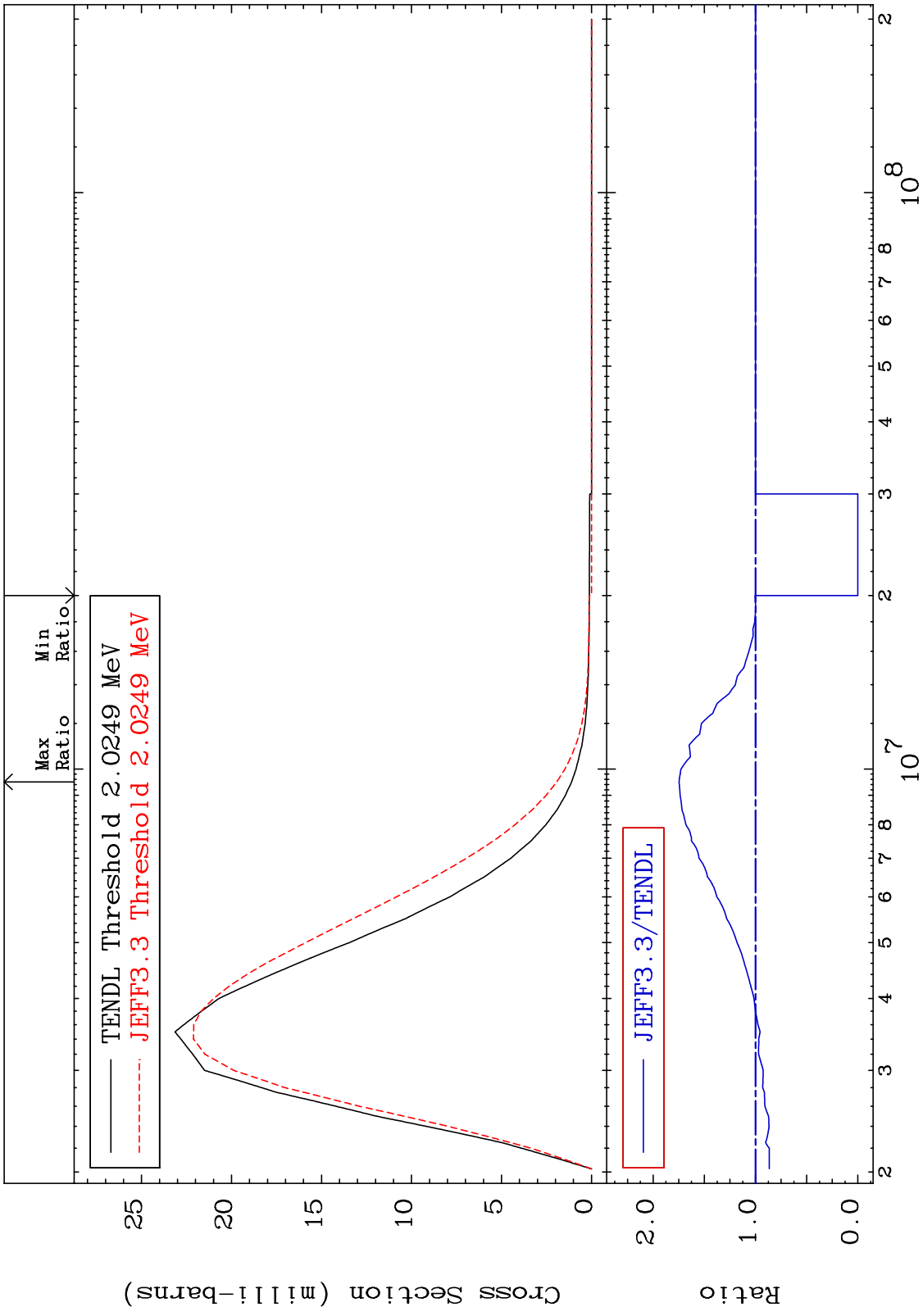


MAT 2634 MT= 62 (n,n') Level Cross Section -100.0 To 354.7 % 26-Fe-57

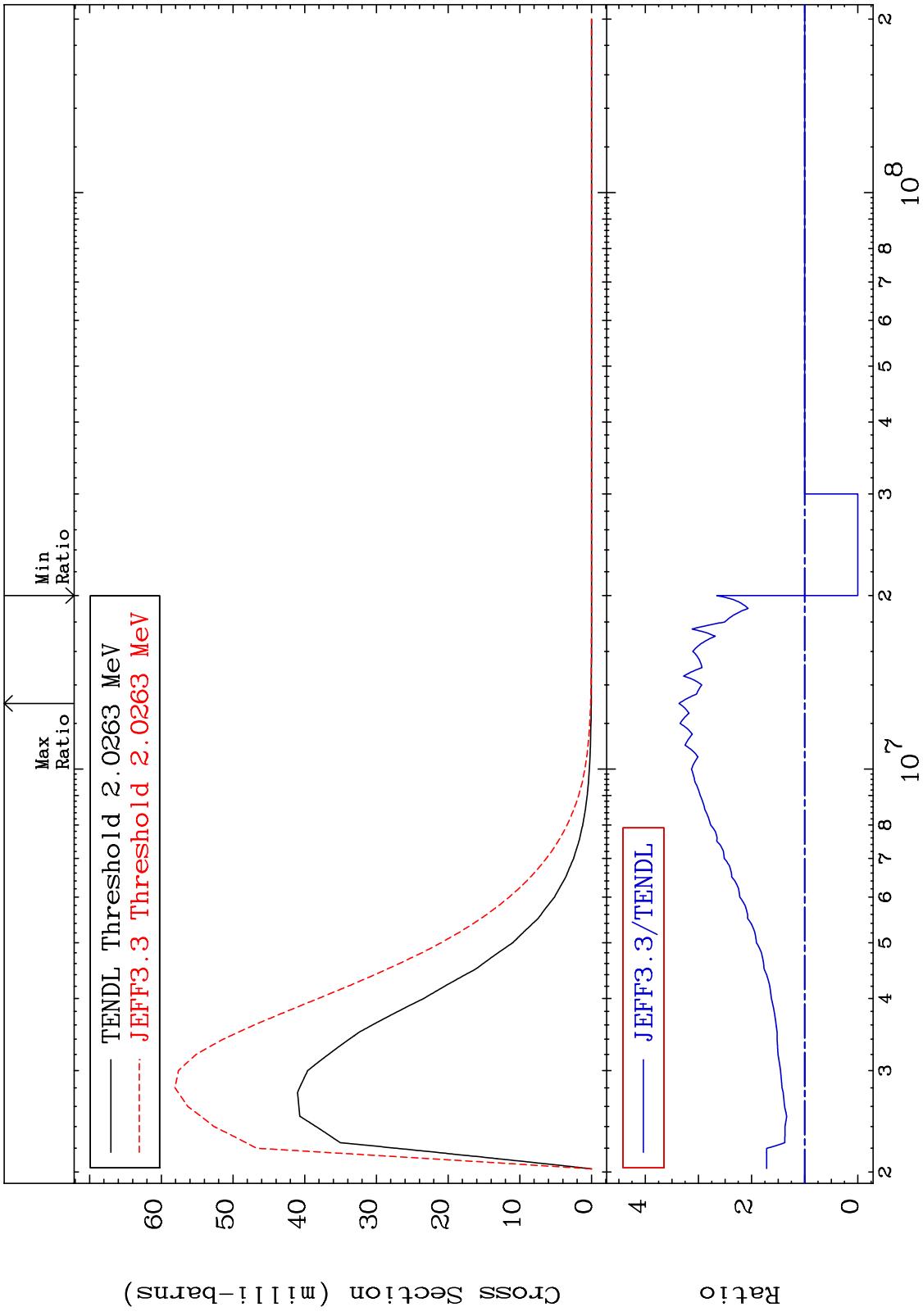


23 26-Fe-57

MAT 2634 MT= 63 (n,n') Level Cross Section -100.0 To 74.71 % 26-Fe-57

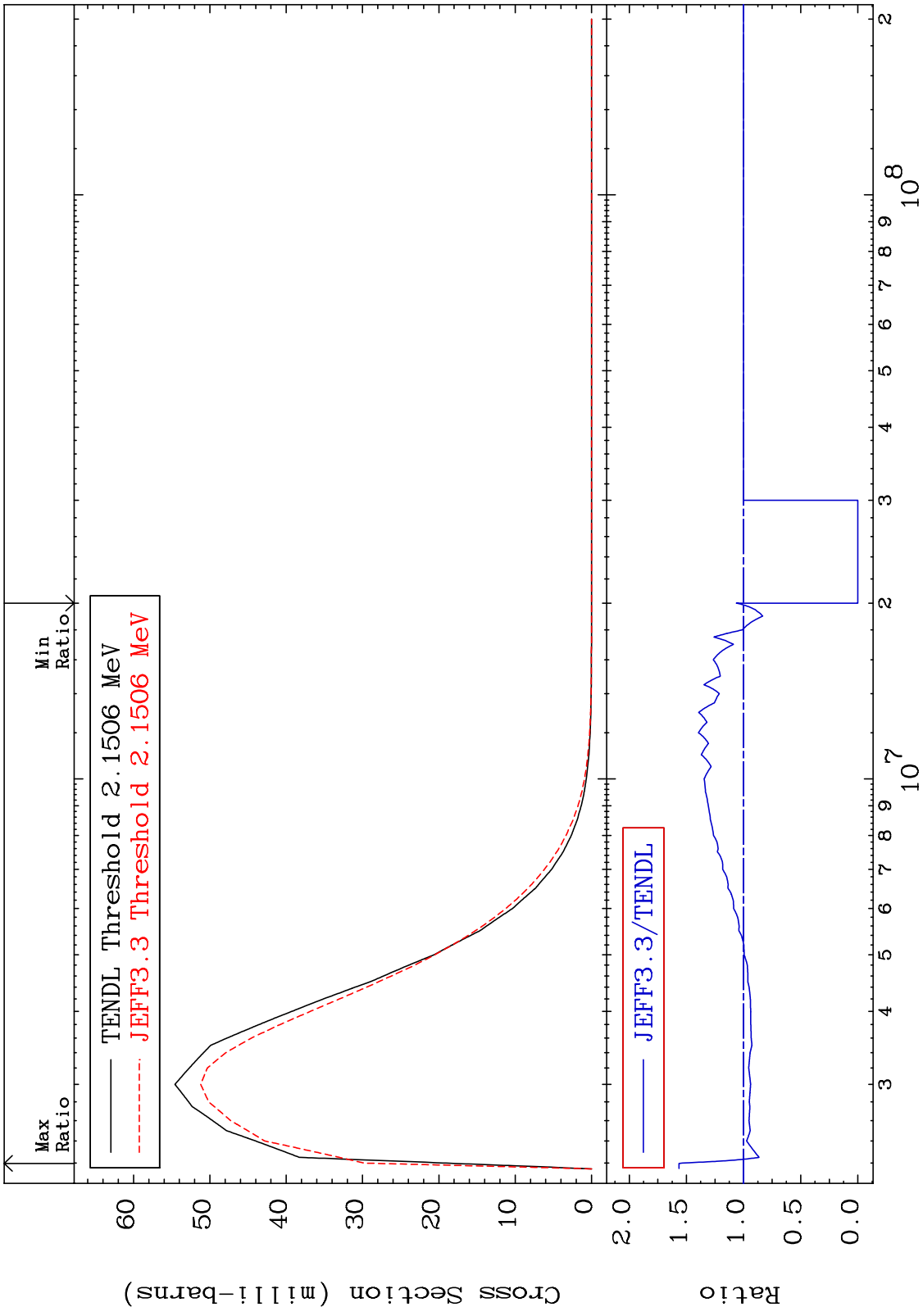


MAT 2634 MT= 64 (n,n') Level Cross Section -100.0 To 236.5 % 26-Fe-57

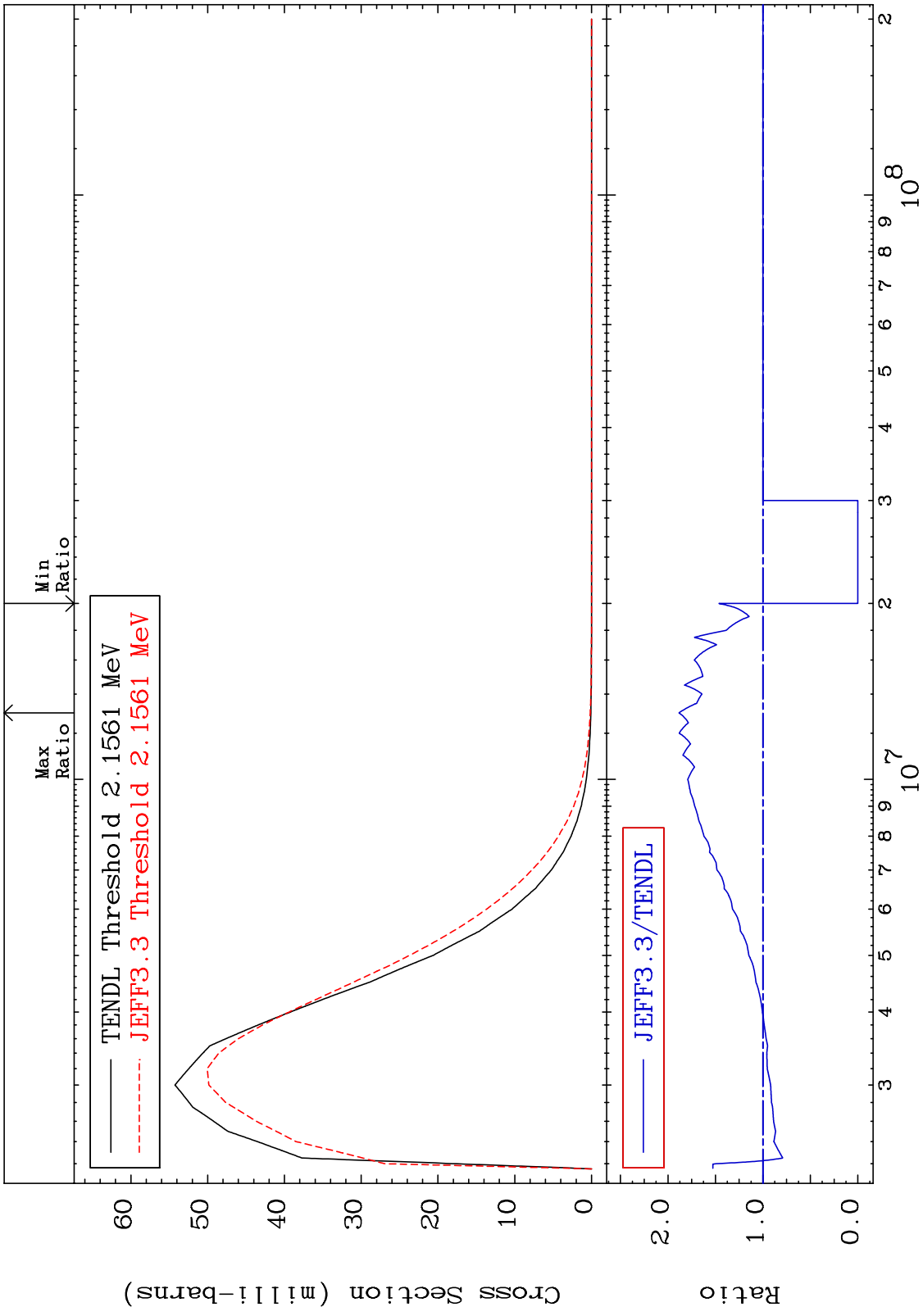


25 26-Fe-57

MAT 2634 MT= 65 (n,n') Level Cross Section -100.0 To 56.45 % 26-Fe-57



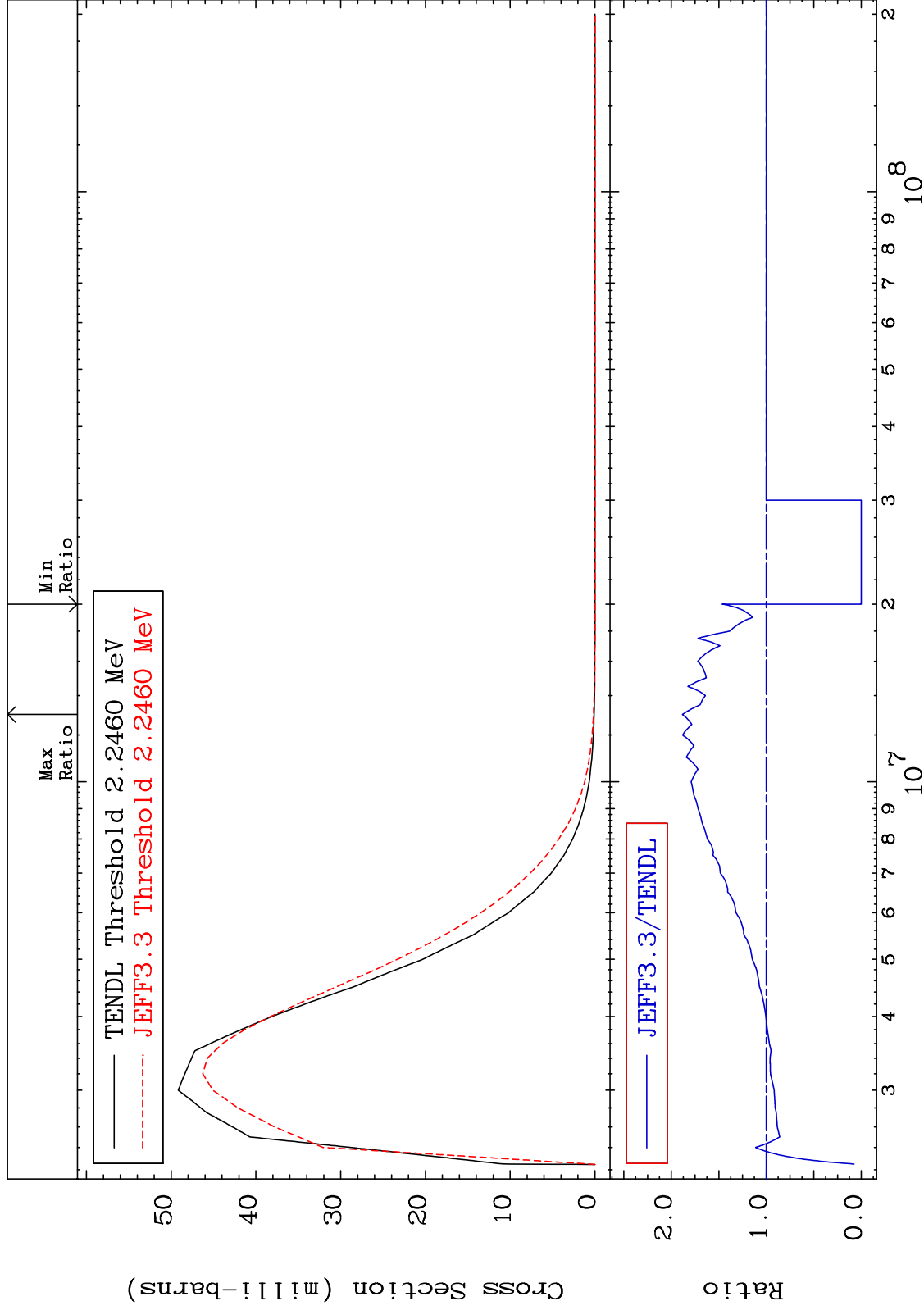
MAT 2634 MT= 66 (n,n') Level Cross Section -100.0 To 88.33 % 26-Fe-57



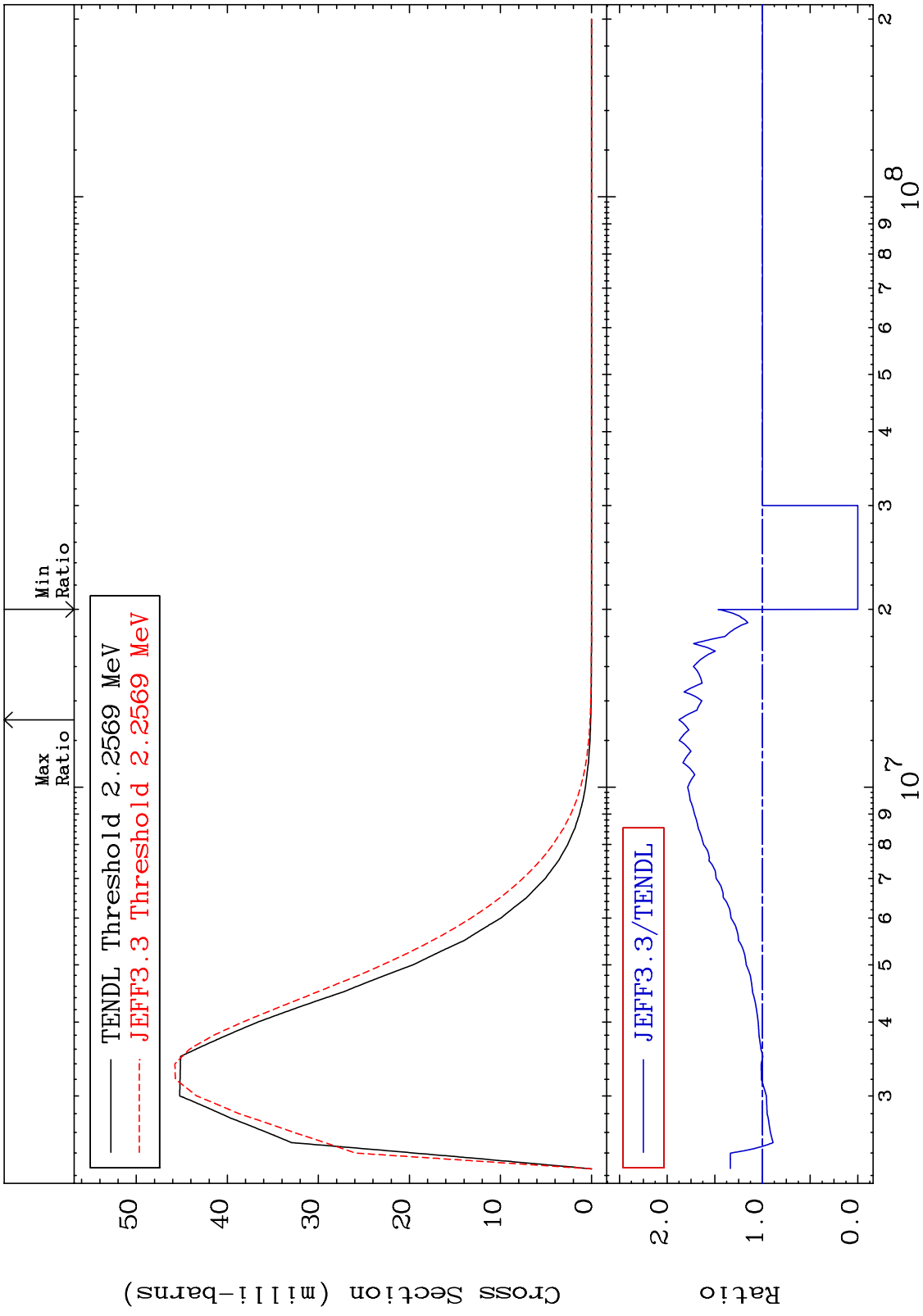
MAT 2634

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

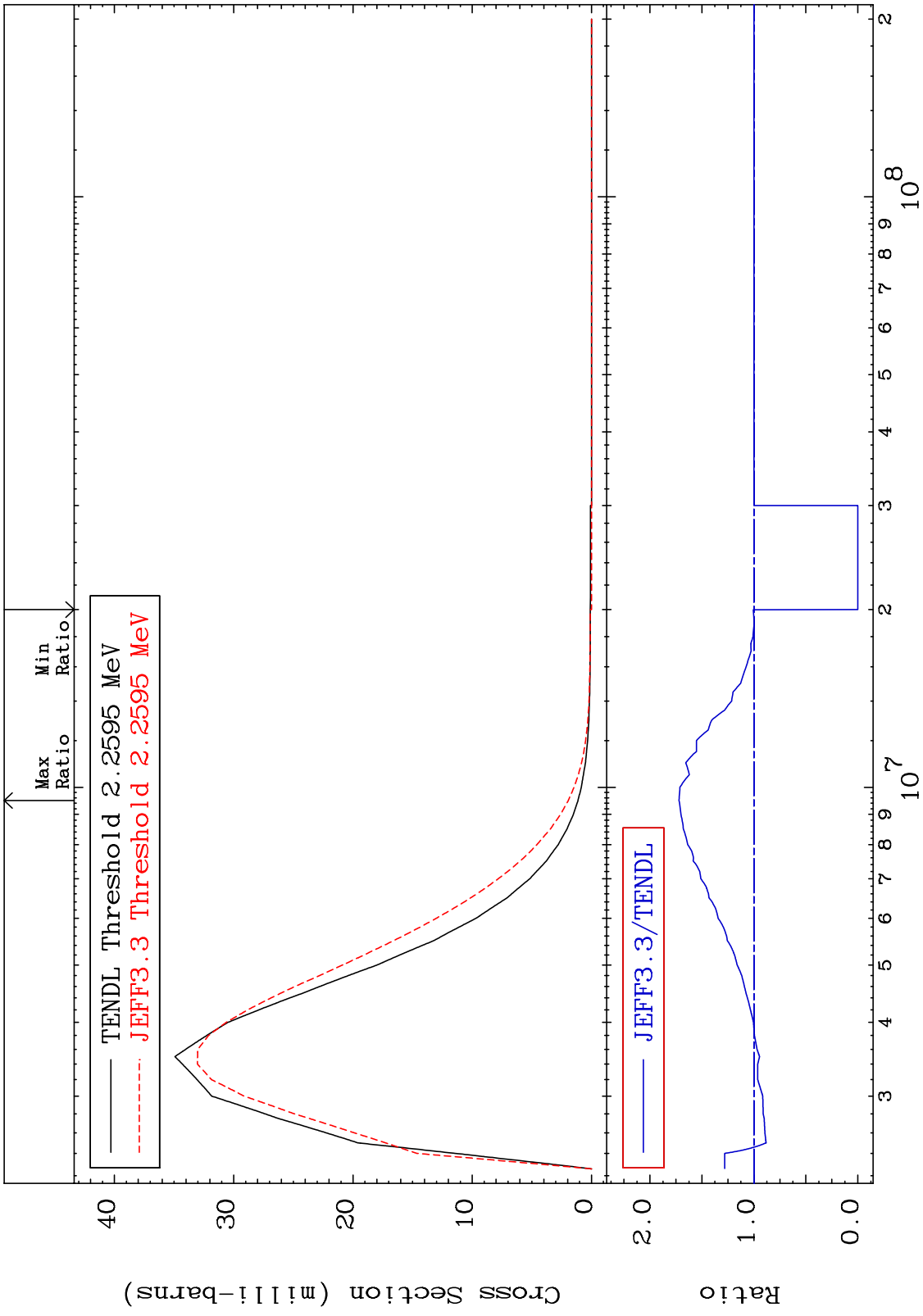
26-Fe-57
-100.0 To 88.27 %



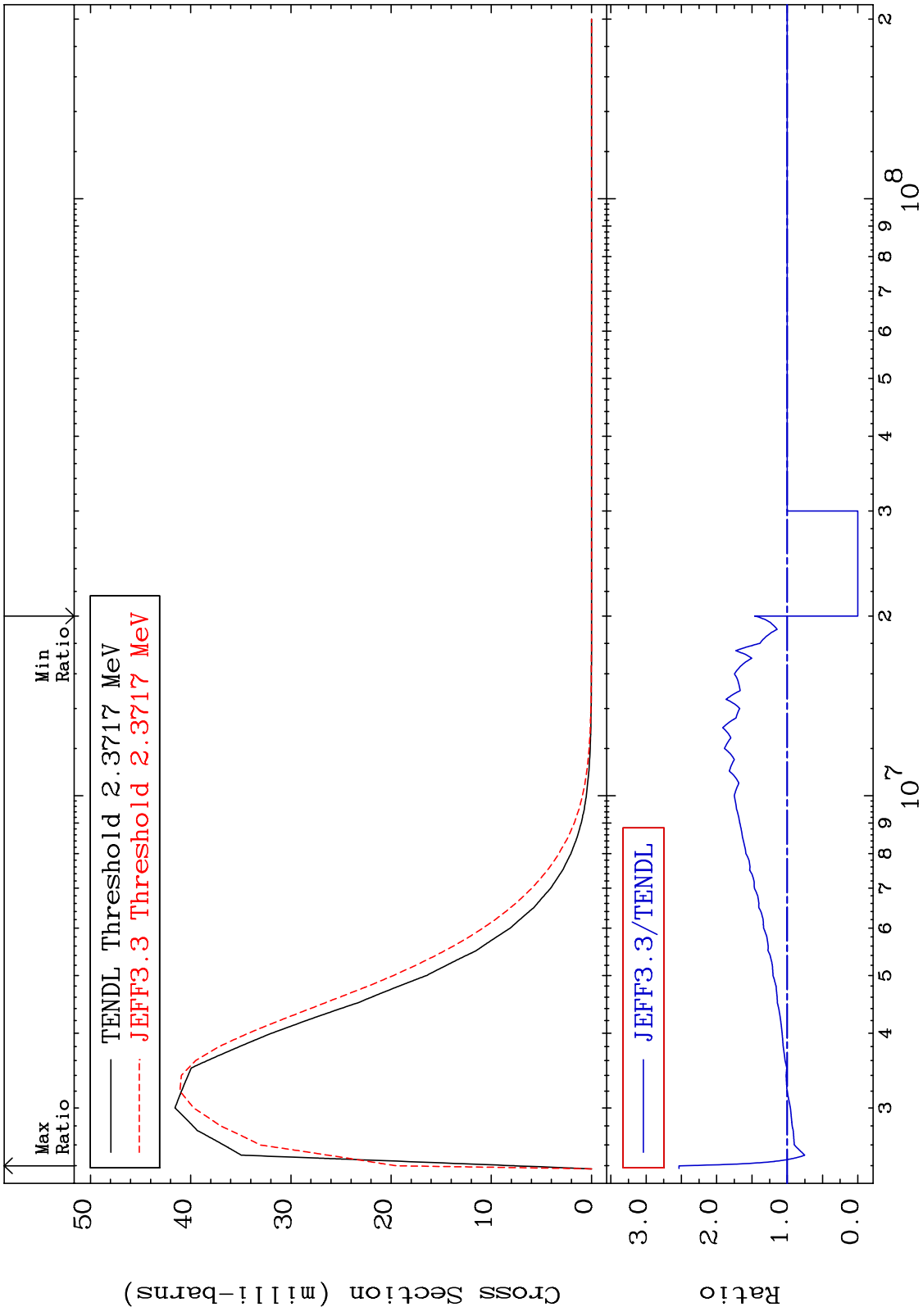
MAT 2634 MT= 68 (n,n') Level Cross Section -100.0 To 87.48 % 26-Fe-57

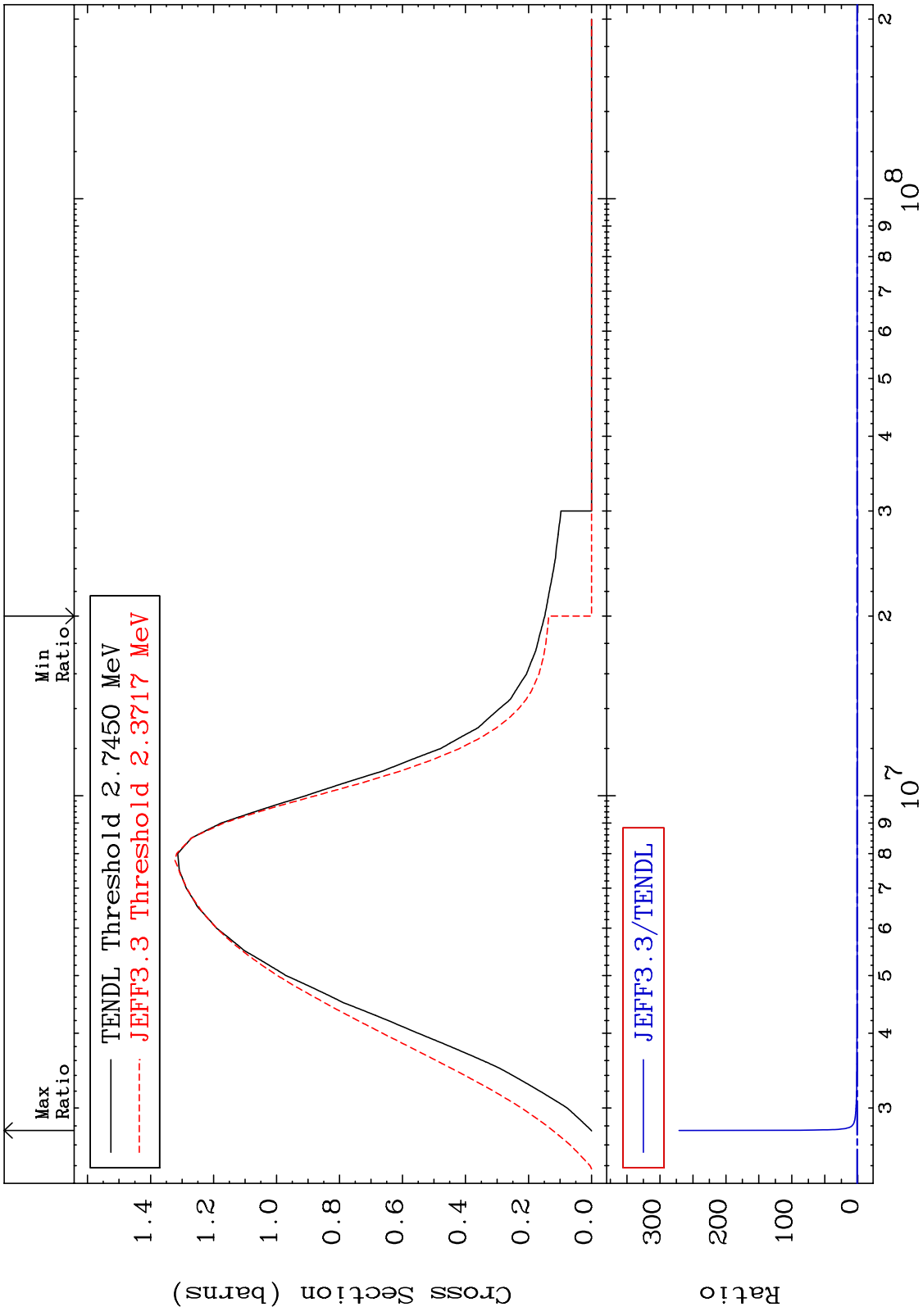


MAT 2634 MT= 69 (n,n') Level Cross Section -100.0 To 72.01 % 26-Fe-57



MAT 2634 MT= 70 (n,n') Level Cross Section -100.0 To 153.3 % 26-Fe-57



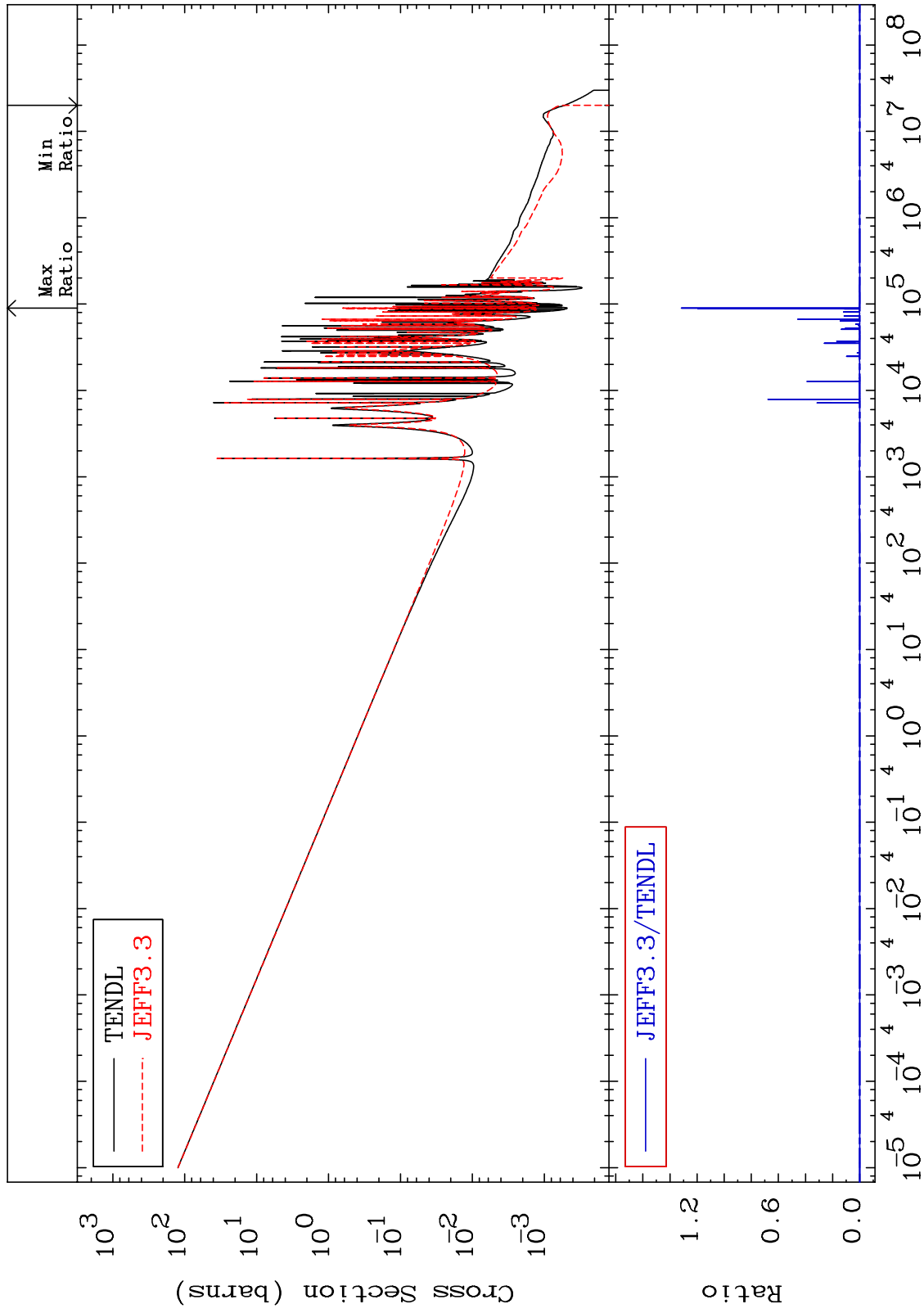


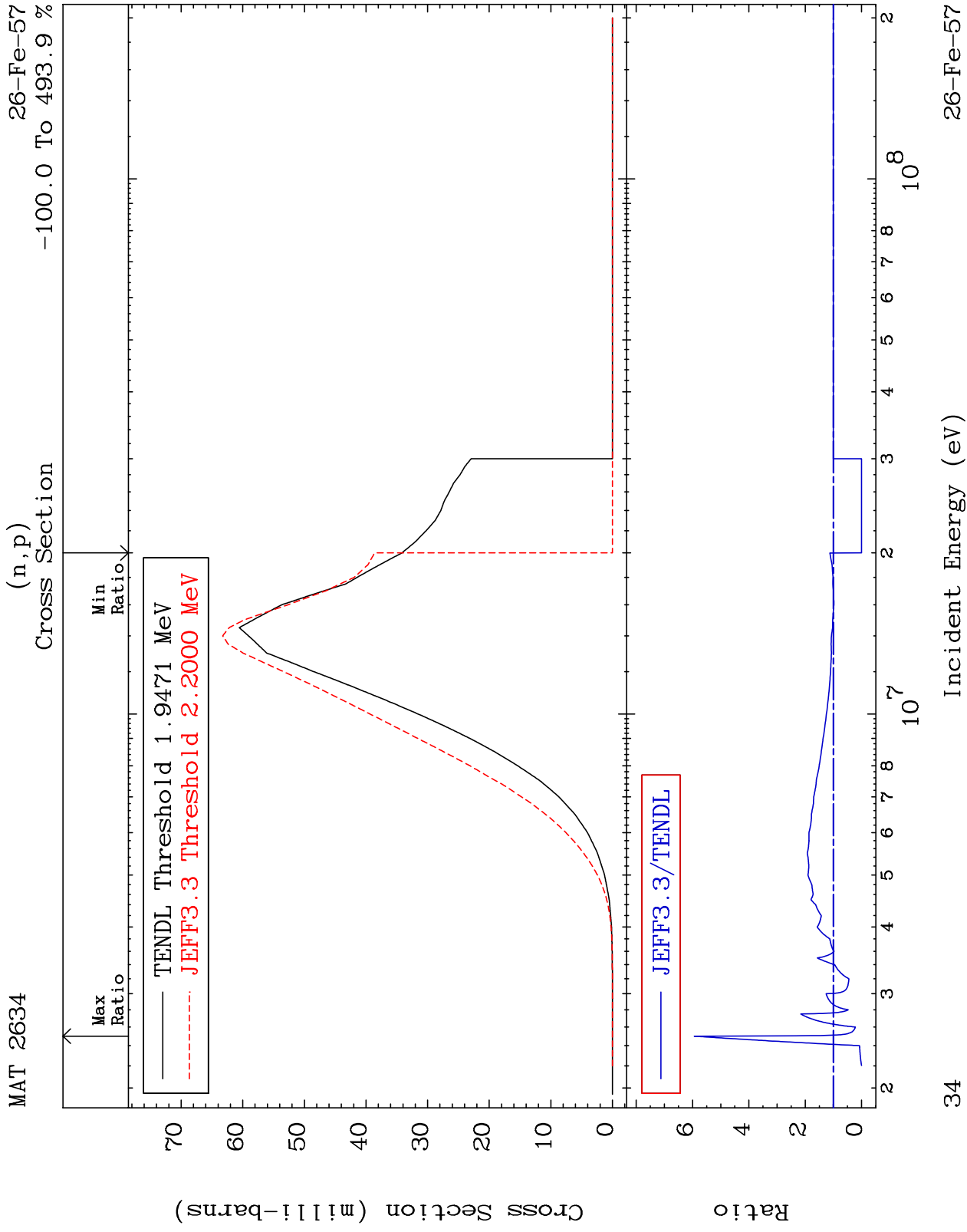
MAT 2634

(n, γ)
Cross Section

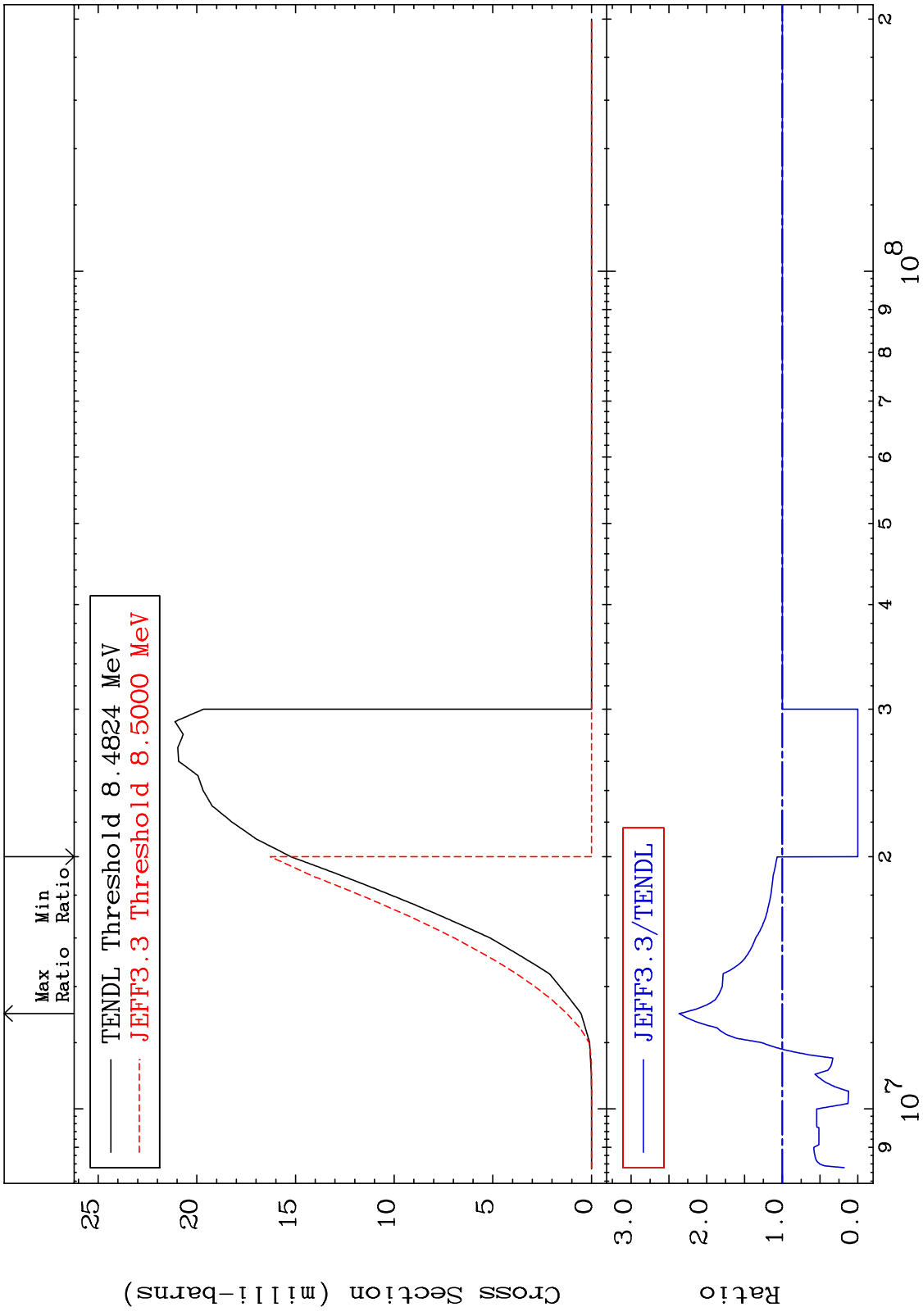
26-Fe-57

-100.0 To 9999. %



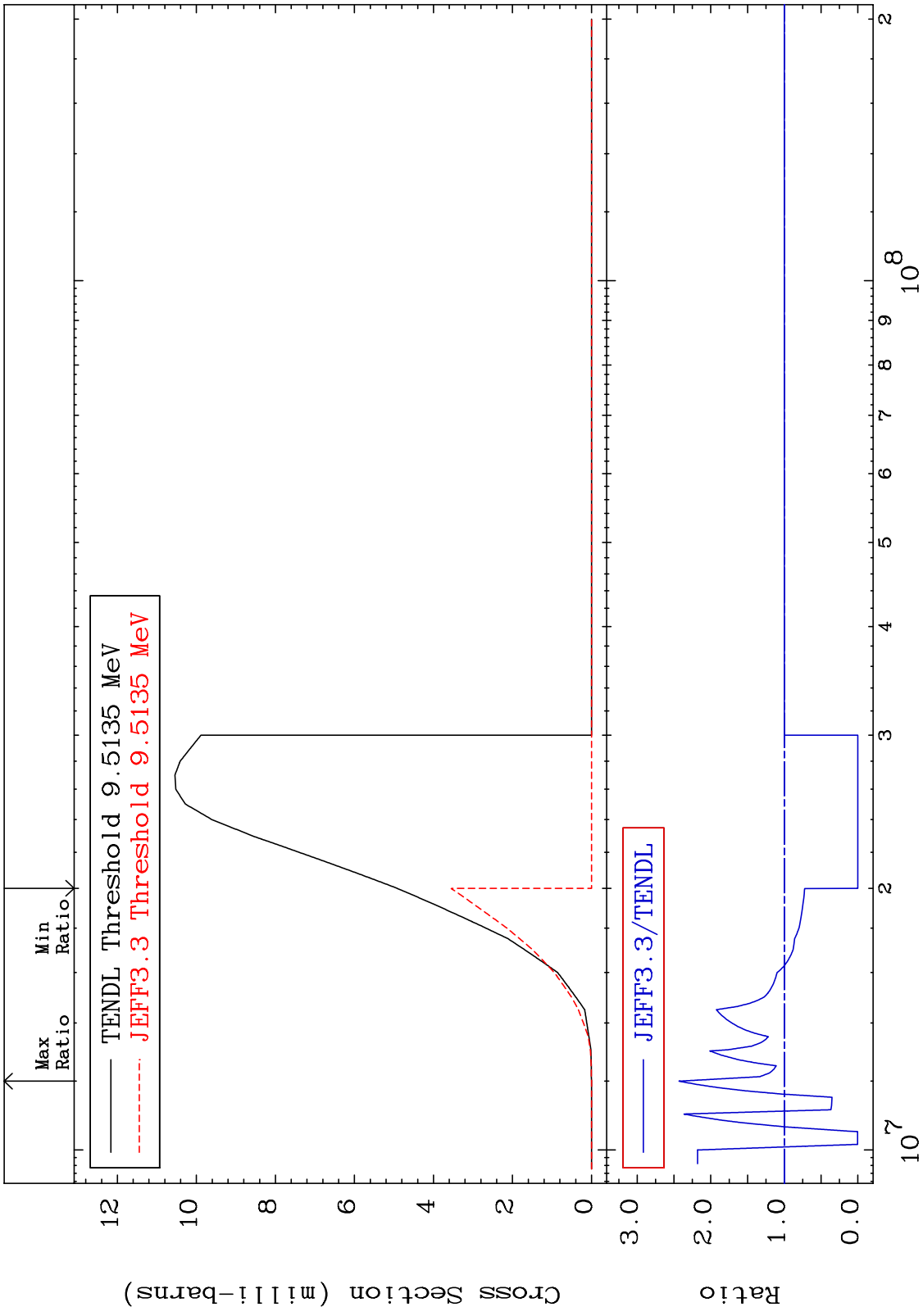


MAT 2634 (n,d) 26-Fe-57
 Cross Section -100.0 To 136.6 %

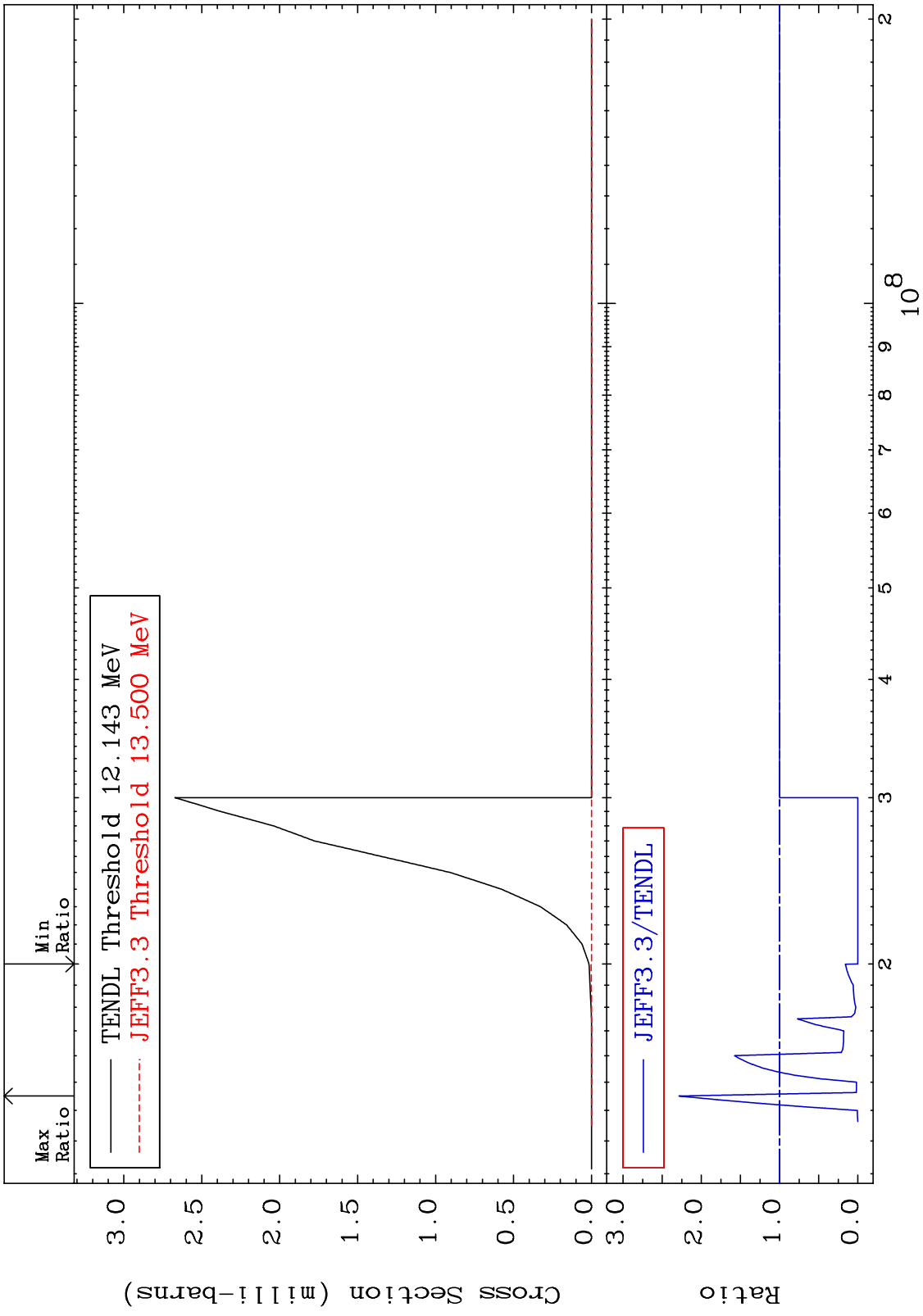


35 26-Fe-57

MAT 2634 (n,t) 26-Fe-57
 Cross Section -100.0 To 143.1 %



36 26-Fe-57



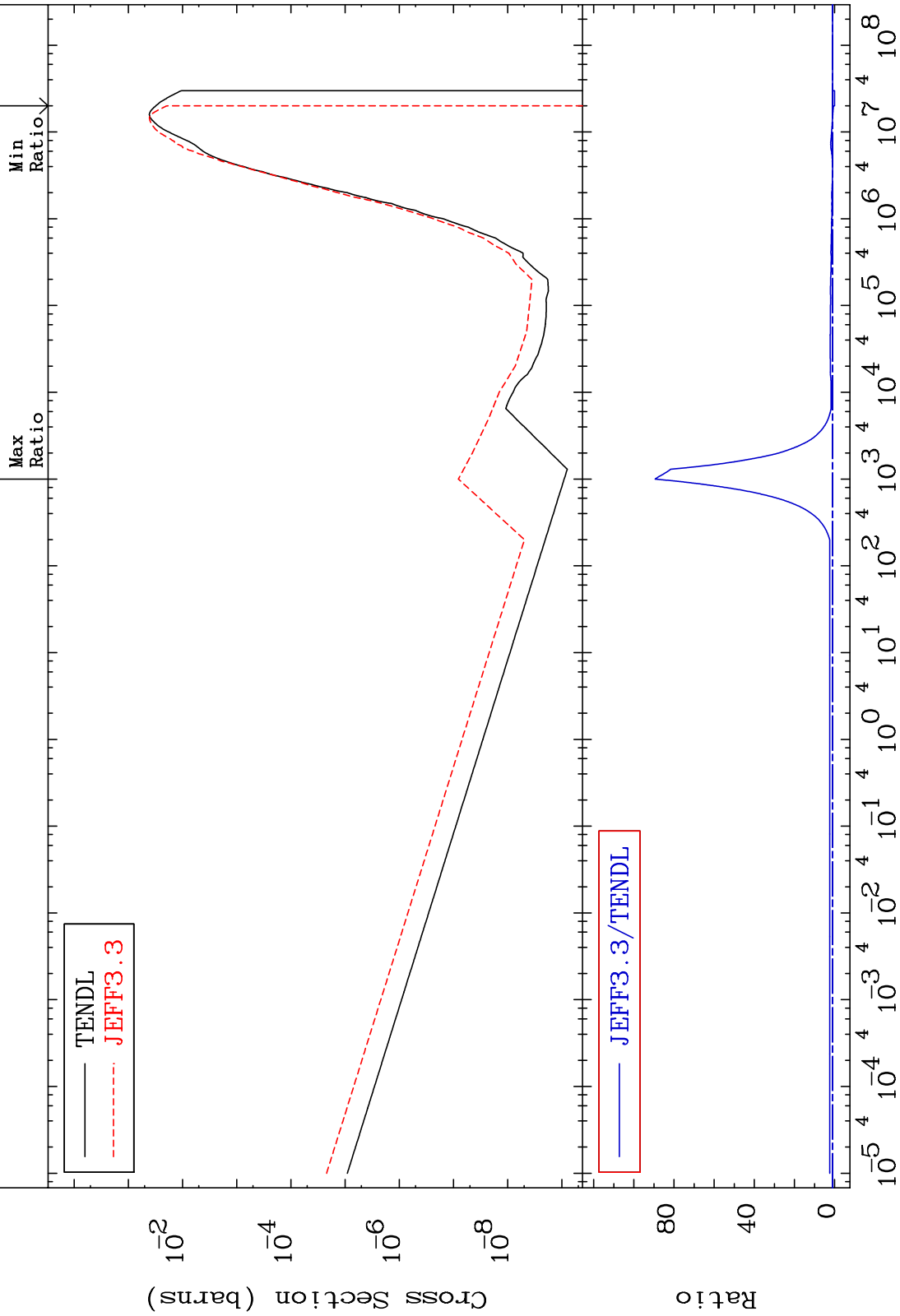
MAT 2634

(n, α)

²⁶Fe-57

-100.0 To 8839. %

Cross Section

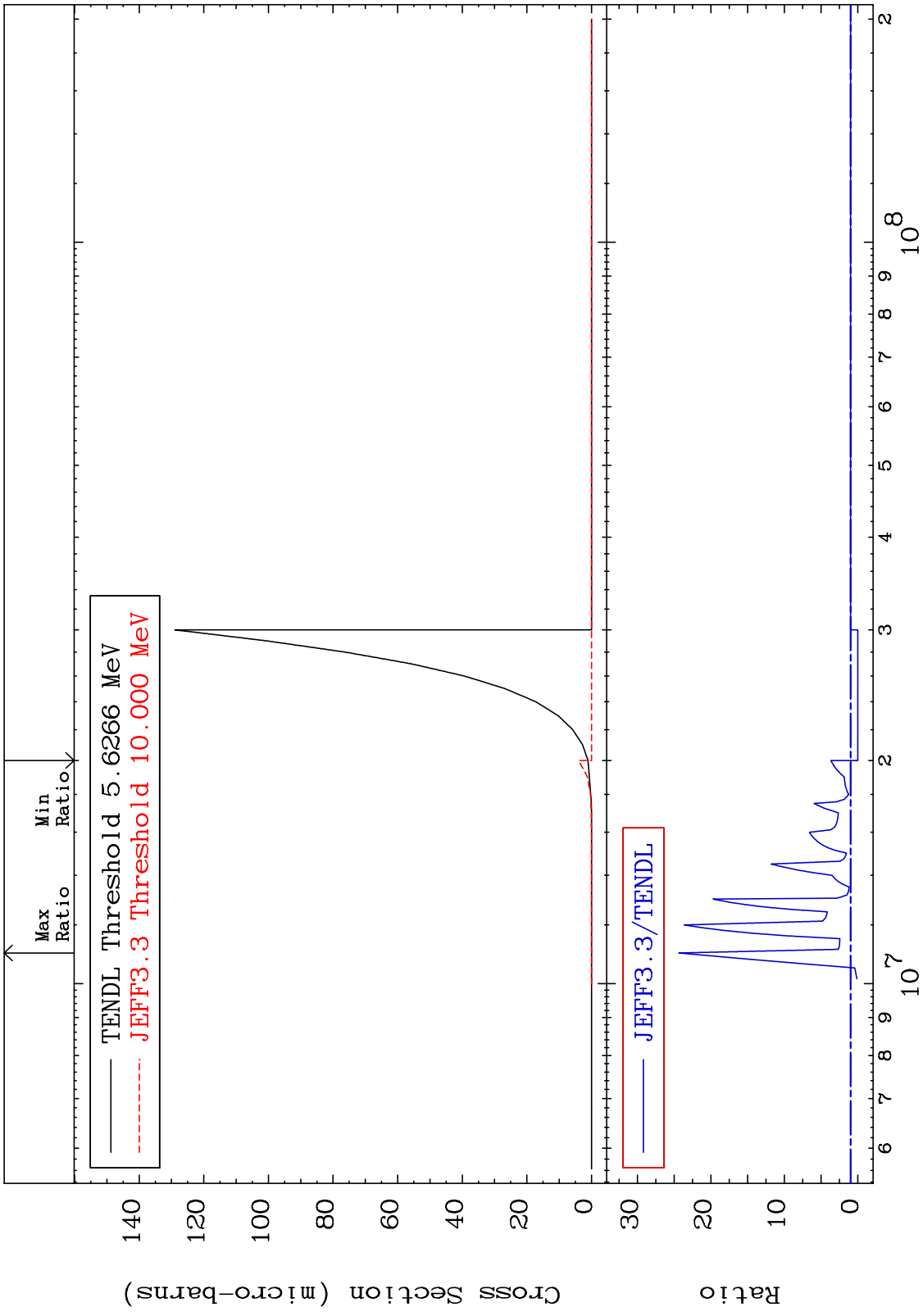


38

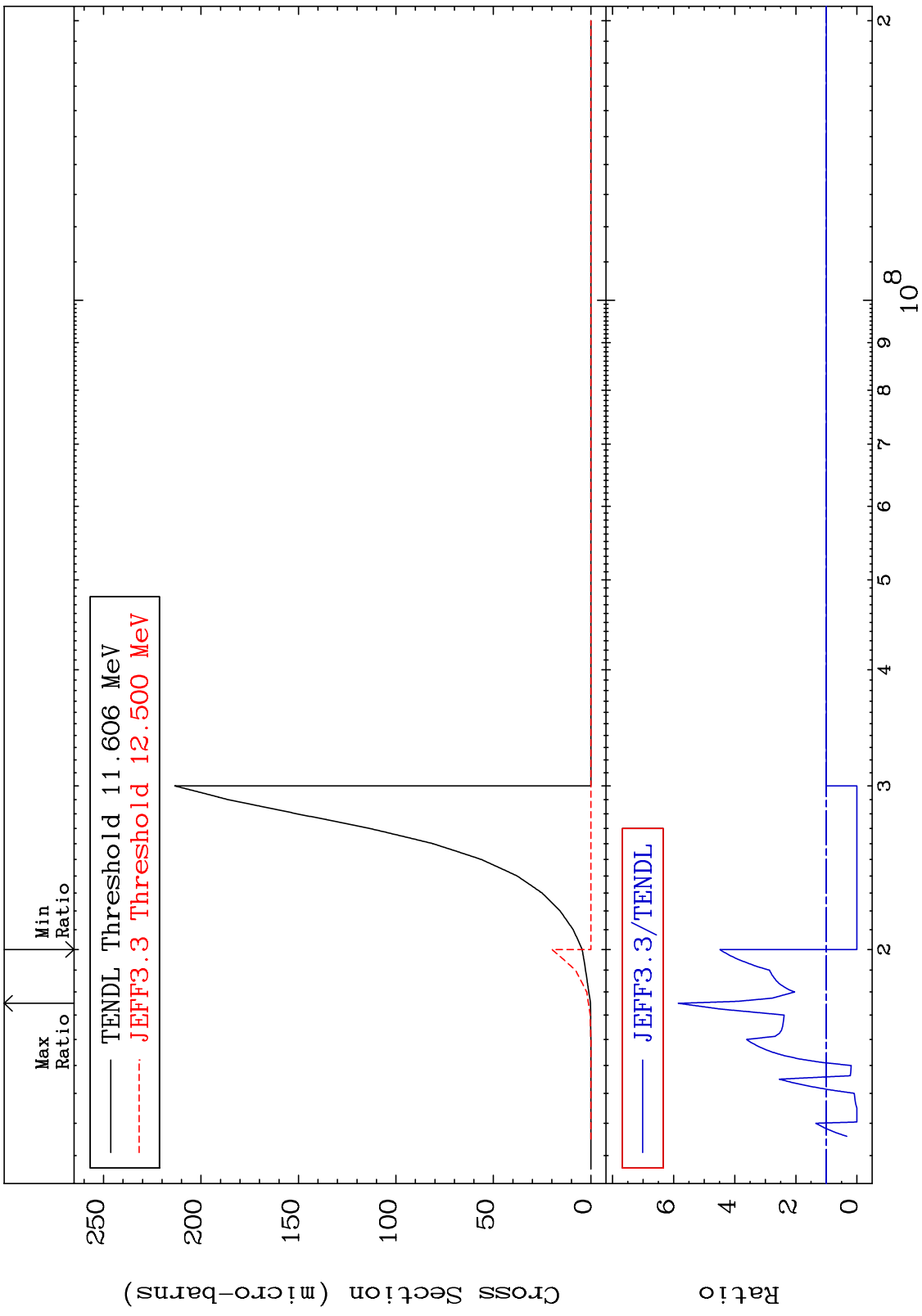
Incident Energy (eV)

²⁶Fe-57

MAT 2634 (n,2α) 26-Fe-57
 Cross Section -100.0 To 2333. %

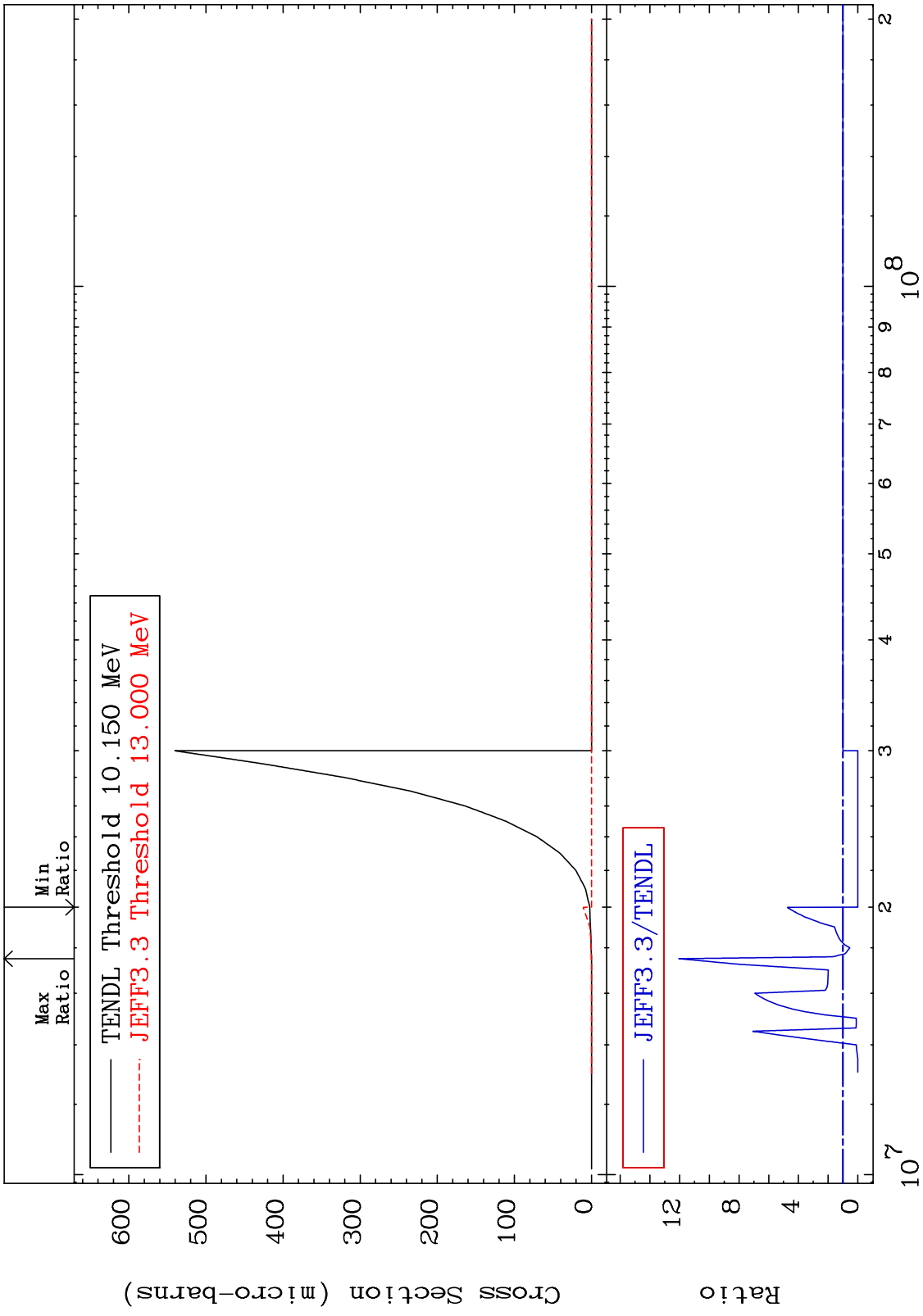


MAT 2634 (n,2p) Cross Section 26-Fe-57 -100.0 To 484.9 %

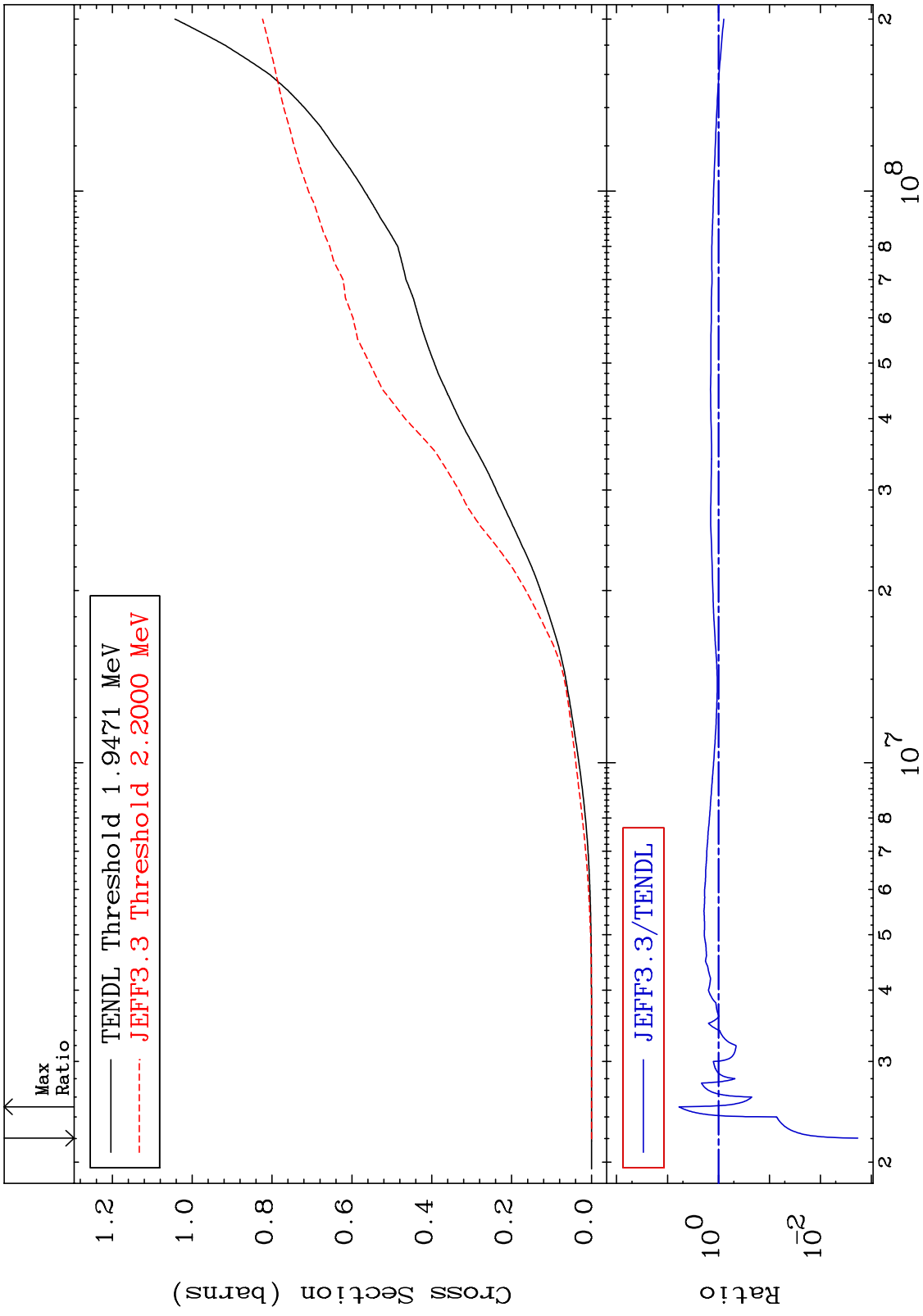


40 26-Fe-57

MAT 2634 (n,p) α 26-Fe-57
 Cross Section -100.0 To 1104. %



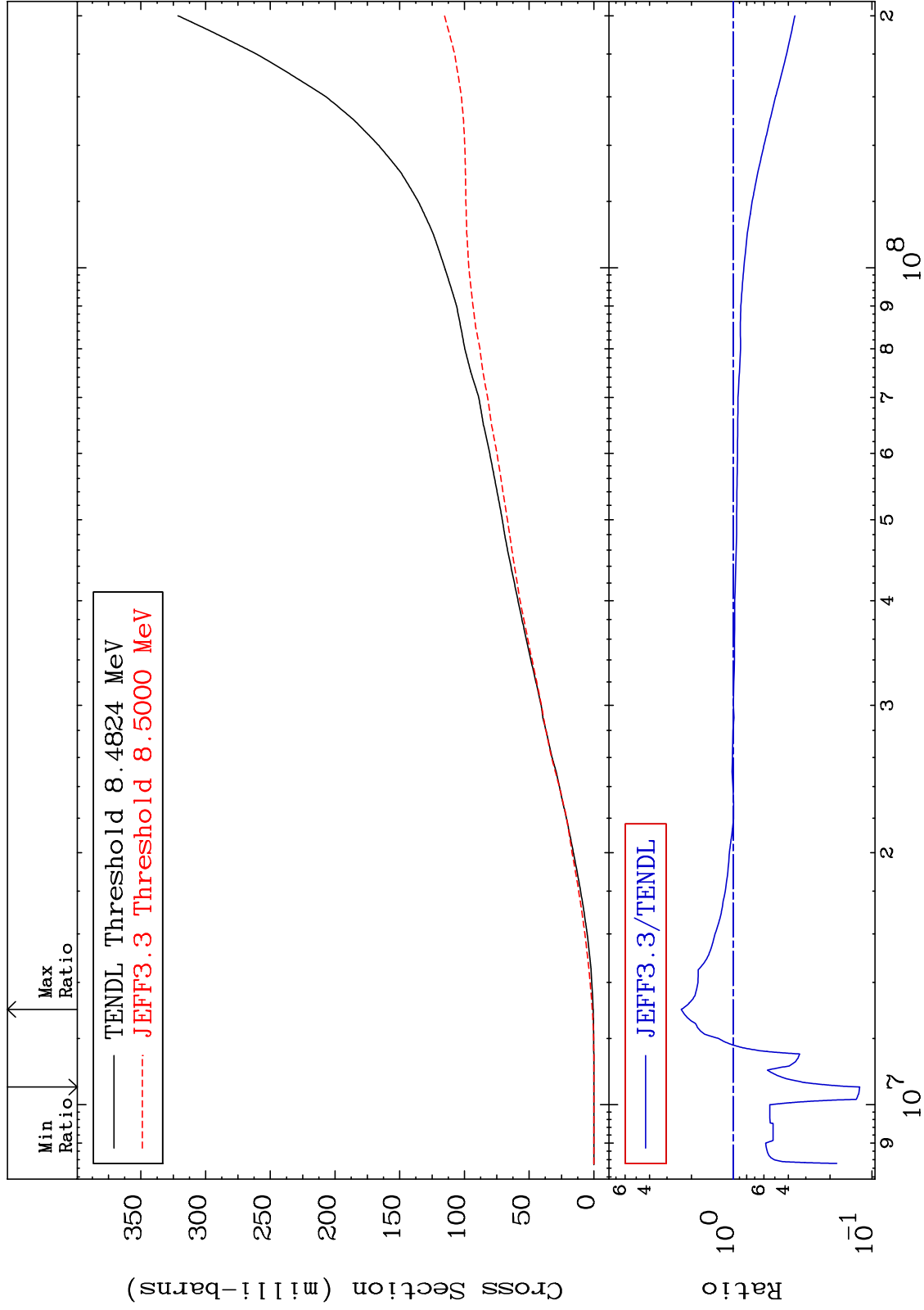
41 Incident Energy (eV) 26-Fe-57



MAT 2634

Deuterium Production
Cross Section

²⁶Fe-57
-87.77 To 136.6 %

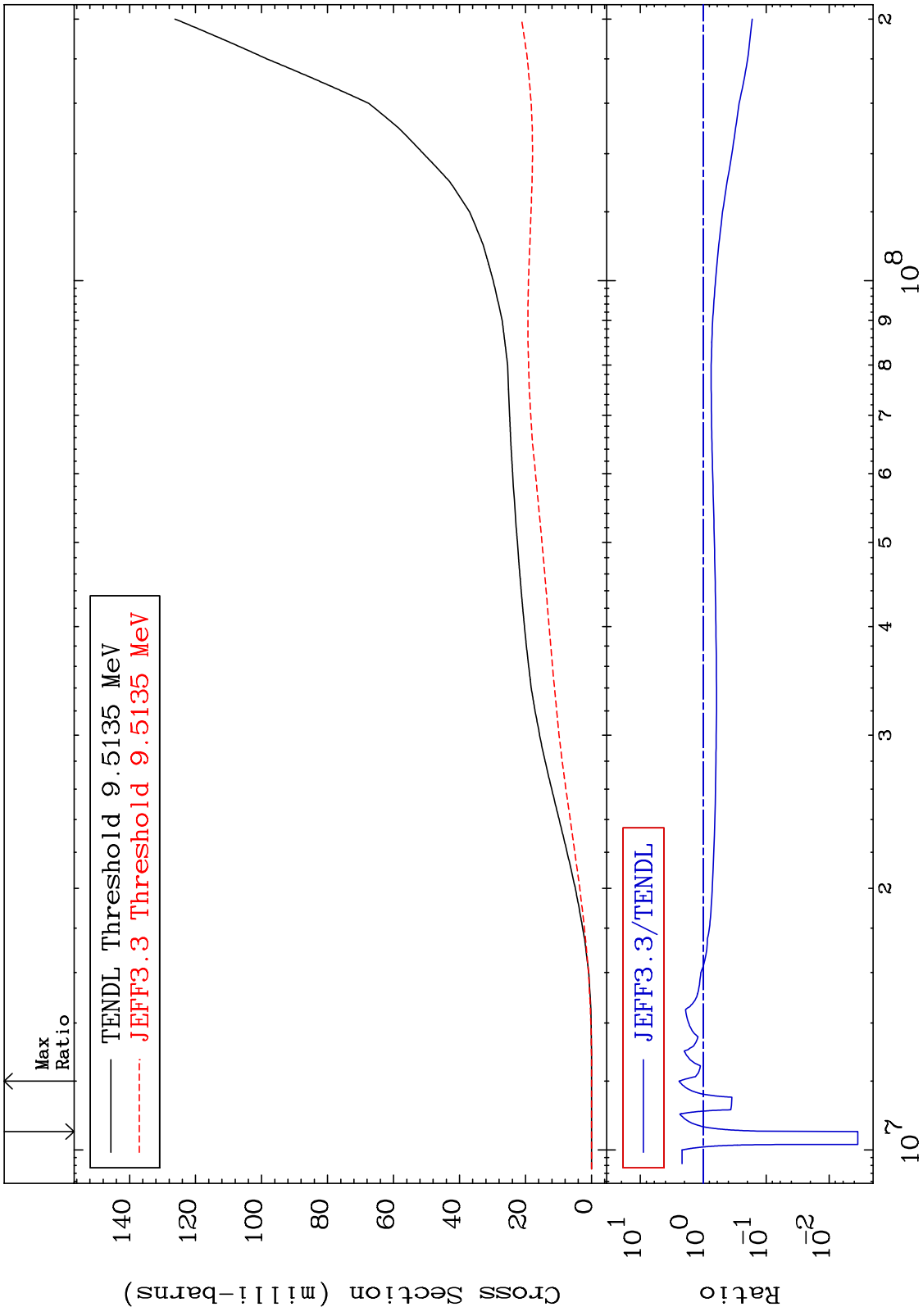


43

Incident Energy (eV)

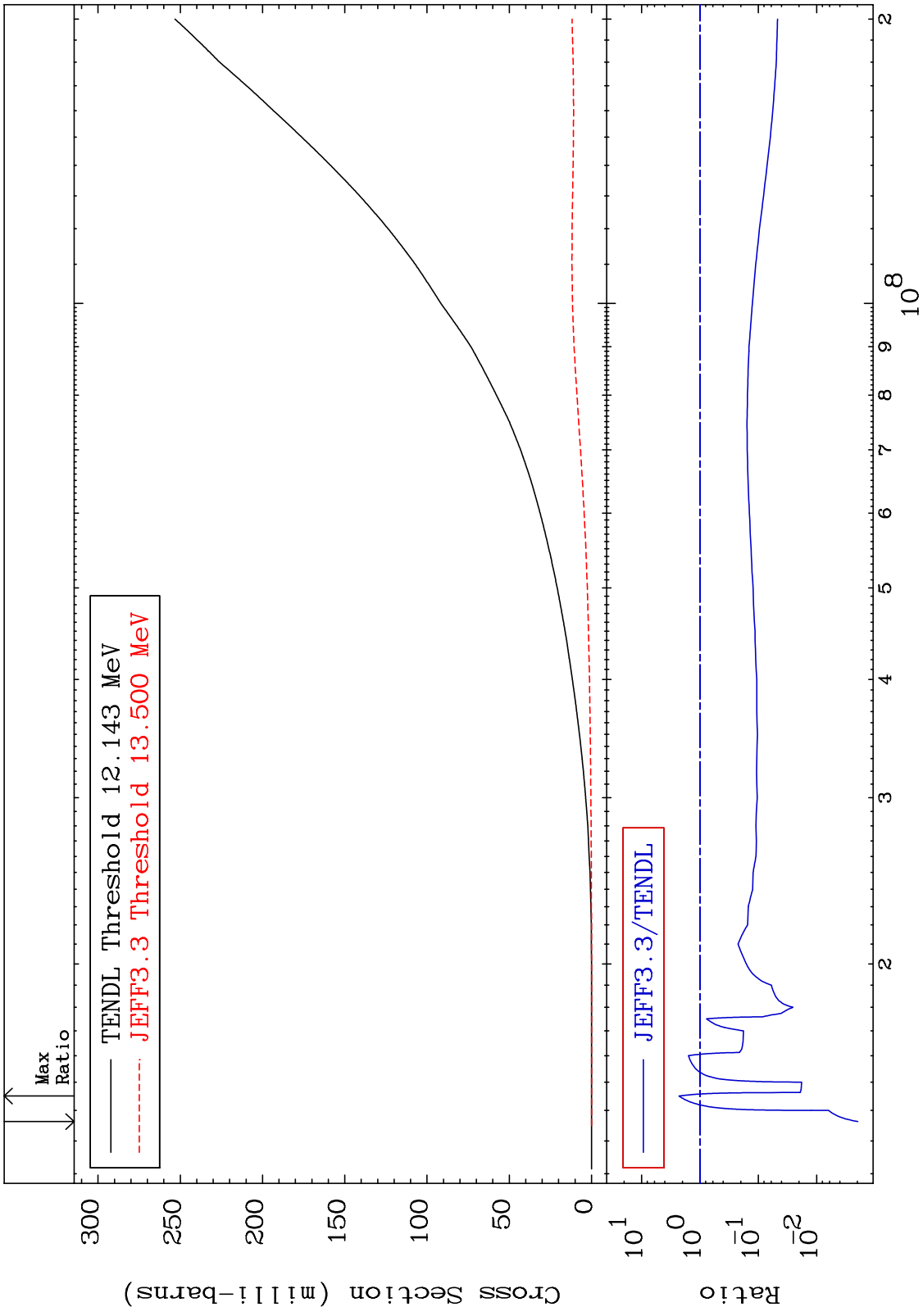
²⁶Fe-57

MAT 2634 Tritium Production Cross Section 26-Fe-57 -99.65 To 143.1 %



44 26-Fe-57

MAT 2634 He-3 Production Cross Section 26-Fe-57 -99.80 To 128.4 %

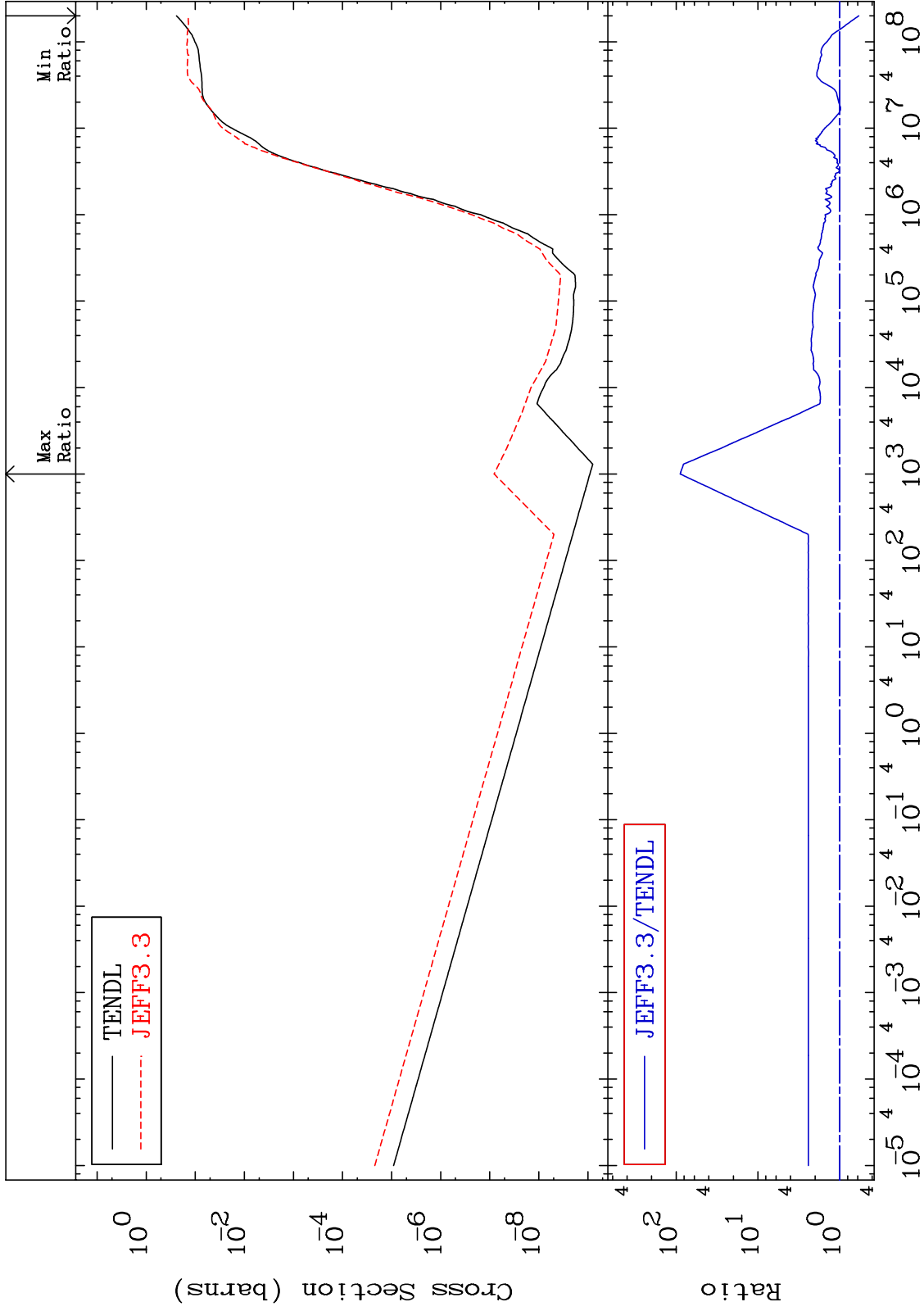


45 26-Fe-57

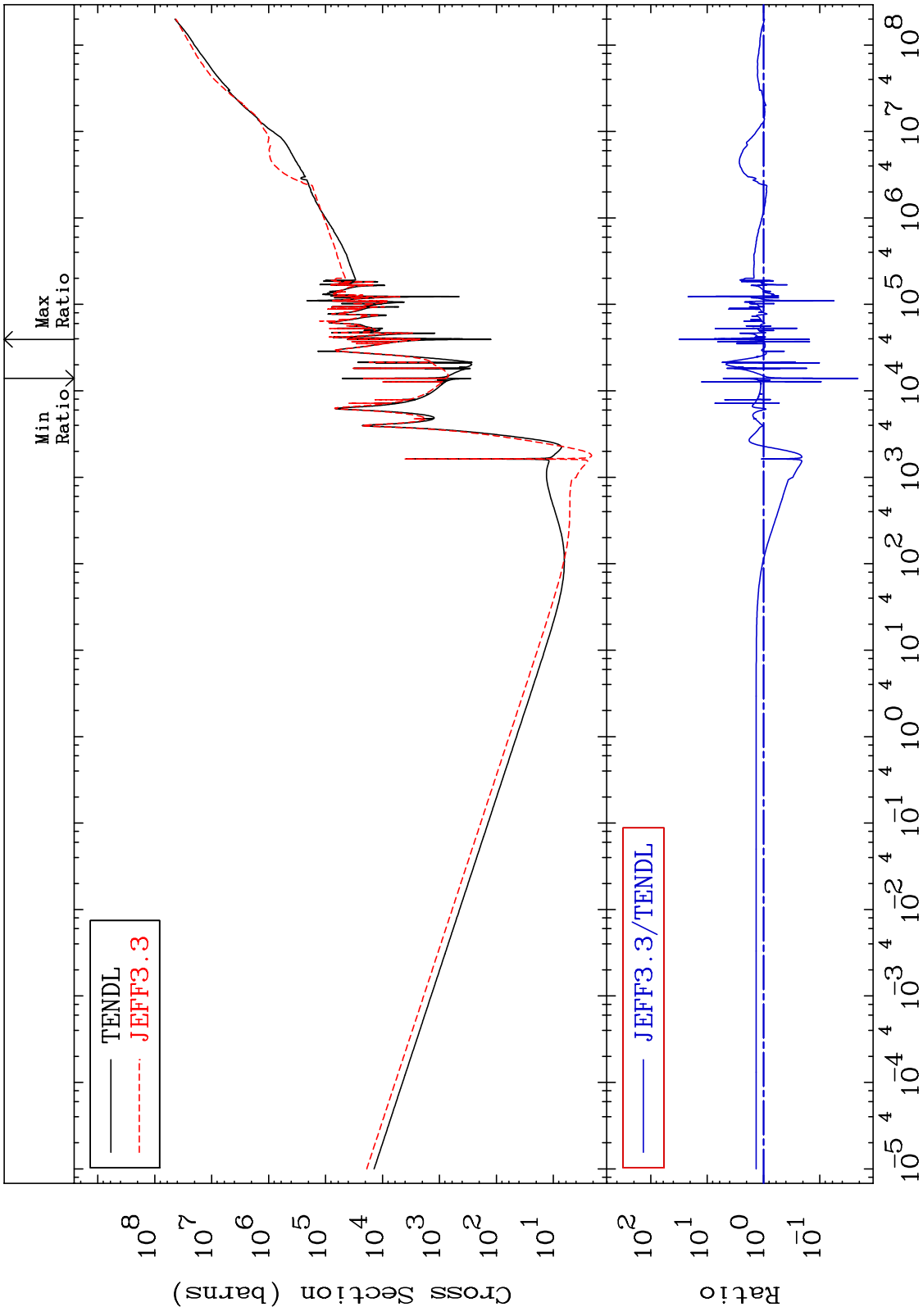
MAT 2634

He-4 Production
Cross Section

26-Fe-57
-41.77 To 8839. %



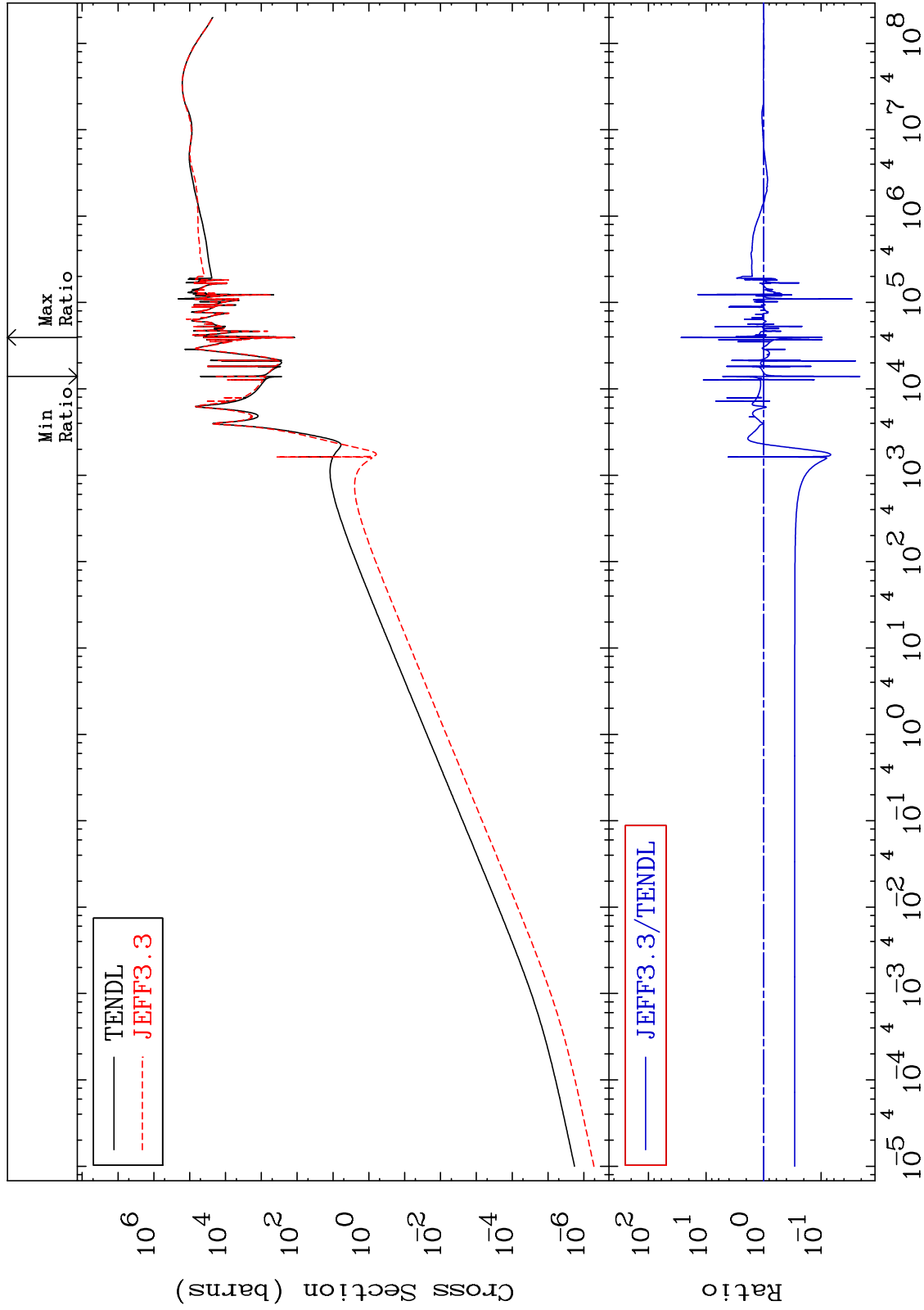
MAT 2634 Kerma total (eV-barns) Cross Section 26-Fe-57 -97.88 To 3057. %



MAT 2634

Kerma elastic
Cross Section

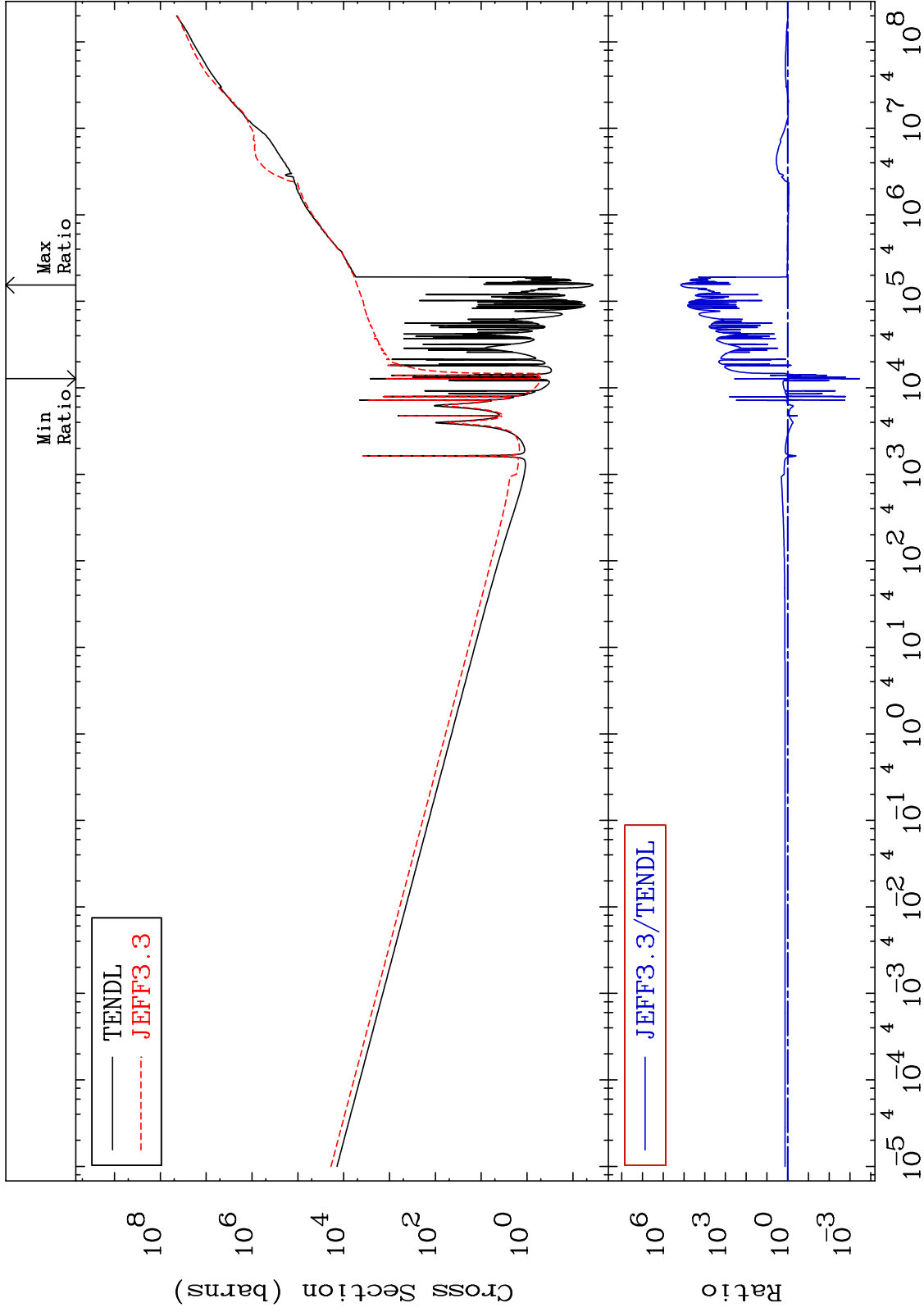
26-Fe-57
-97.87 To 2600. %

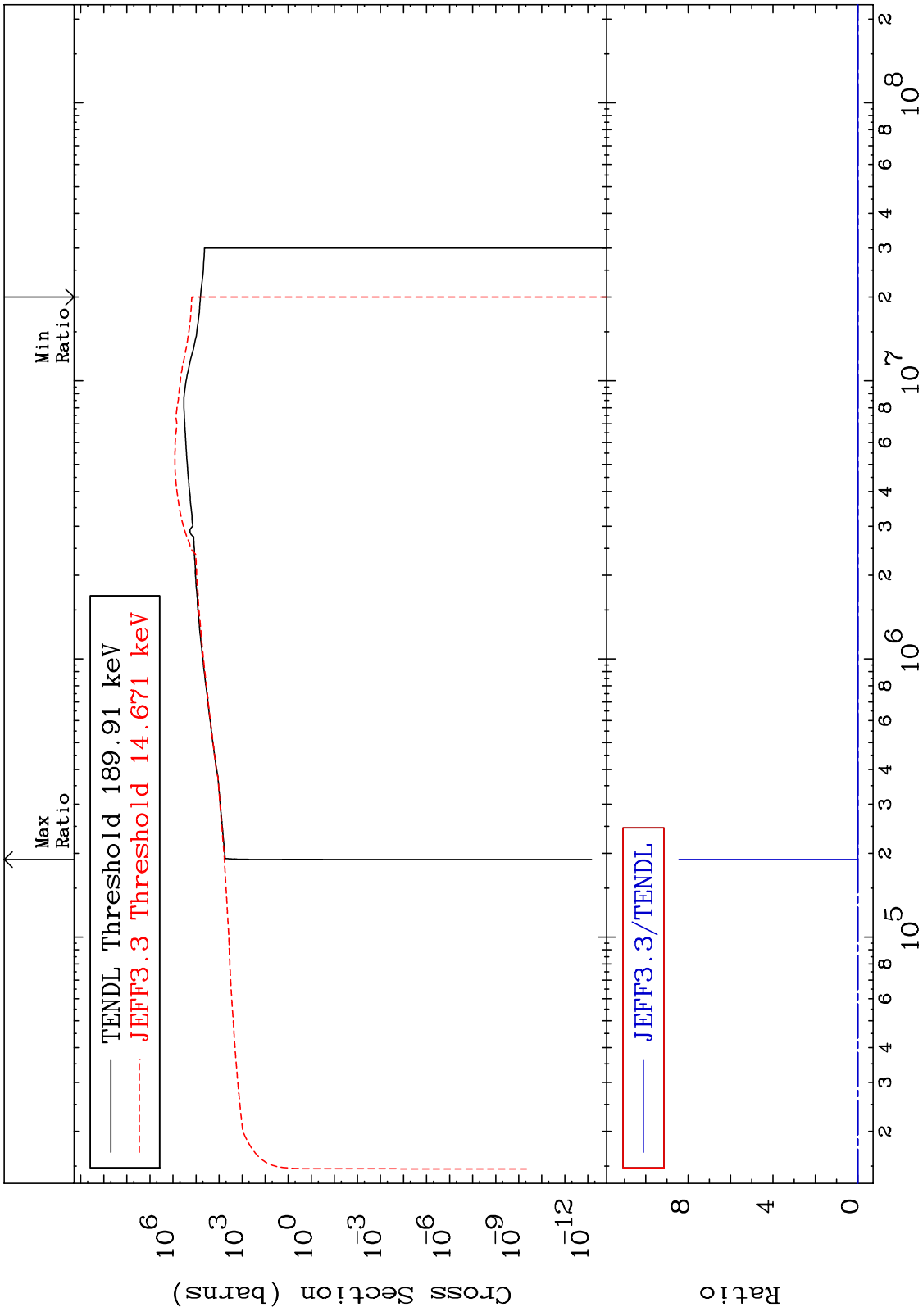


MAT 2634

Kerma non-elastic (all but mt2)
Cross Section

26-Fe-57
-99.97 To 9999. %

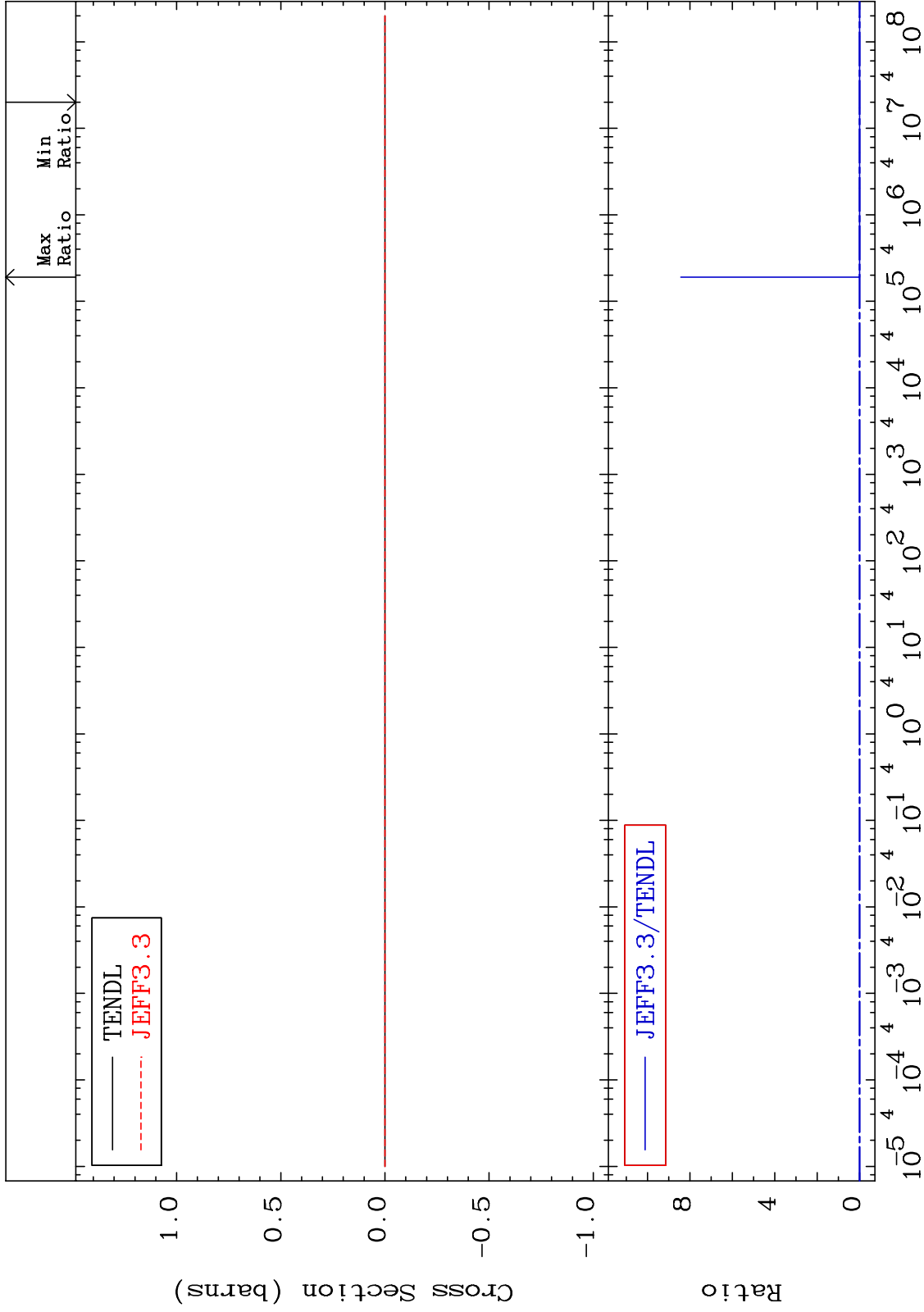




MAT 2634

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

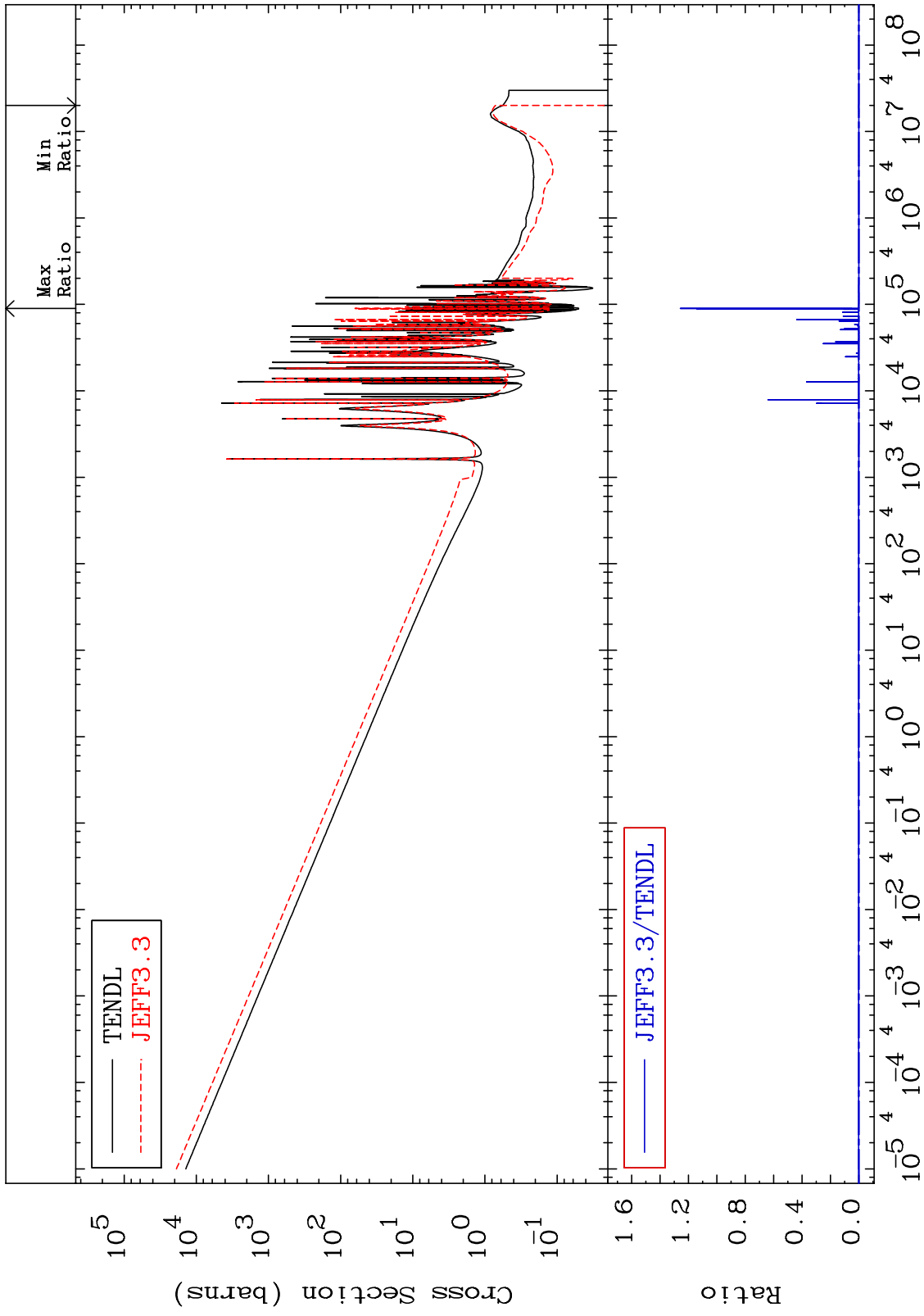
26-Fe-57
-100.0 To 9999. %



MAT 2634

Kerma capture (mt102)
Cross Section

26-Fe-57
-100.0 To 9999. %



52

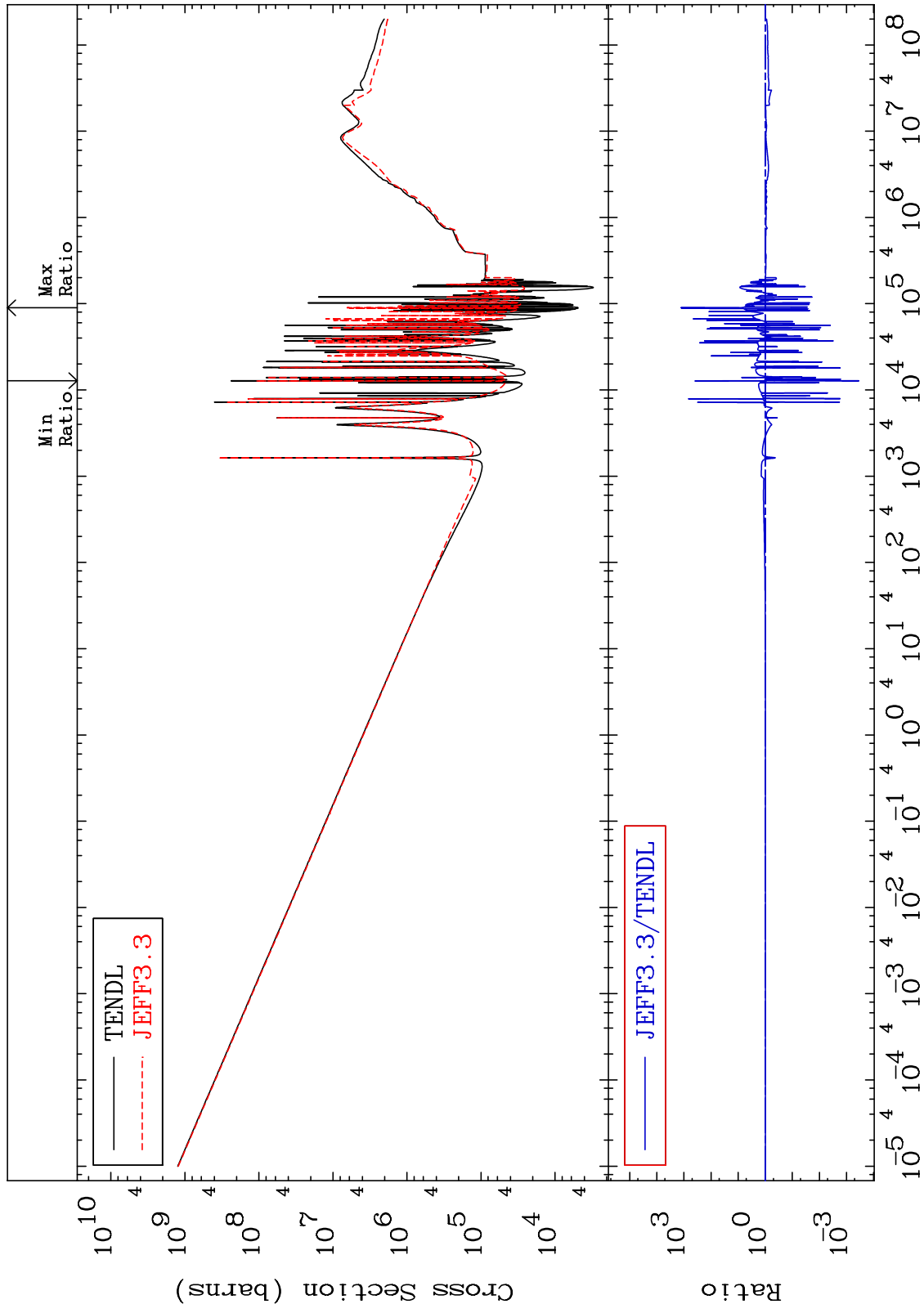
Incident Energy (eV)

26-Fe-57

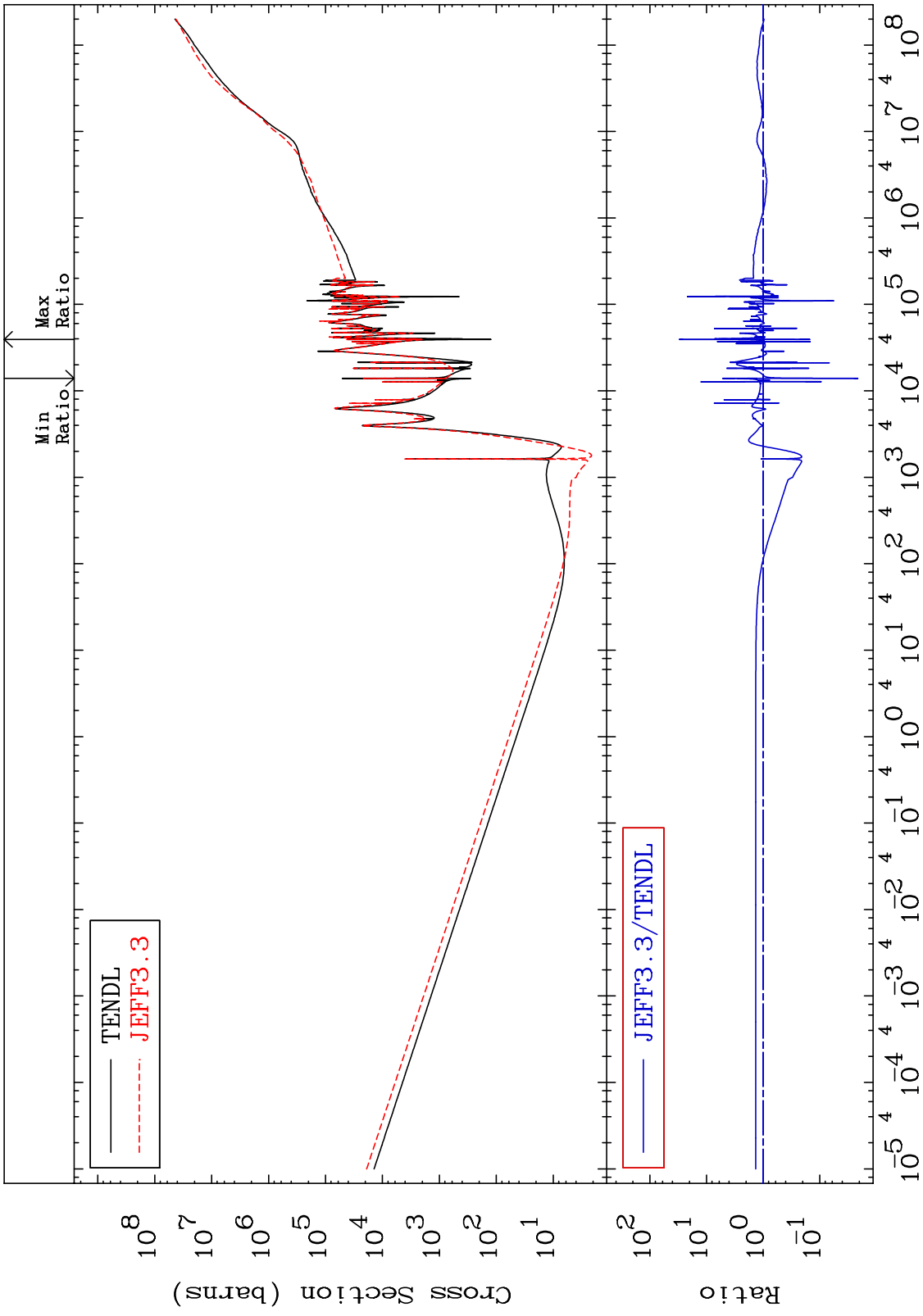
MAT 2634

Total photon (eV-barns)
Cross Section

26-Fe-57
-99.97 To 9999. %



MAT 2634 Total kinematic kerma (high limit) 26-Fe-57
 Cross Section -97.88 To 2963. %

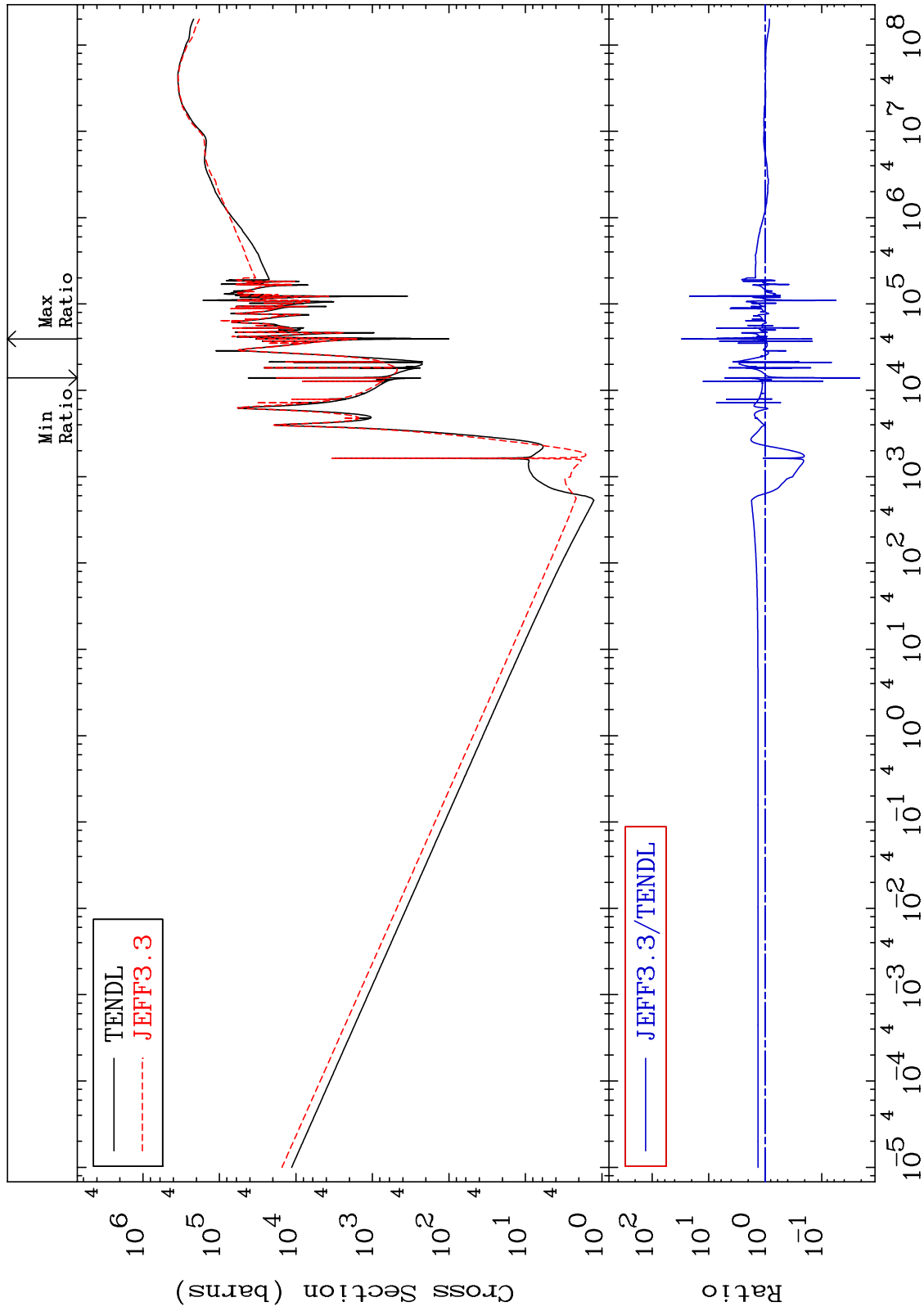


54 Incident Energy (eV) 26-Fe-57

MAT 2634

Dpa total (eV-barns)
Cross Section

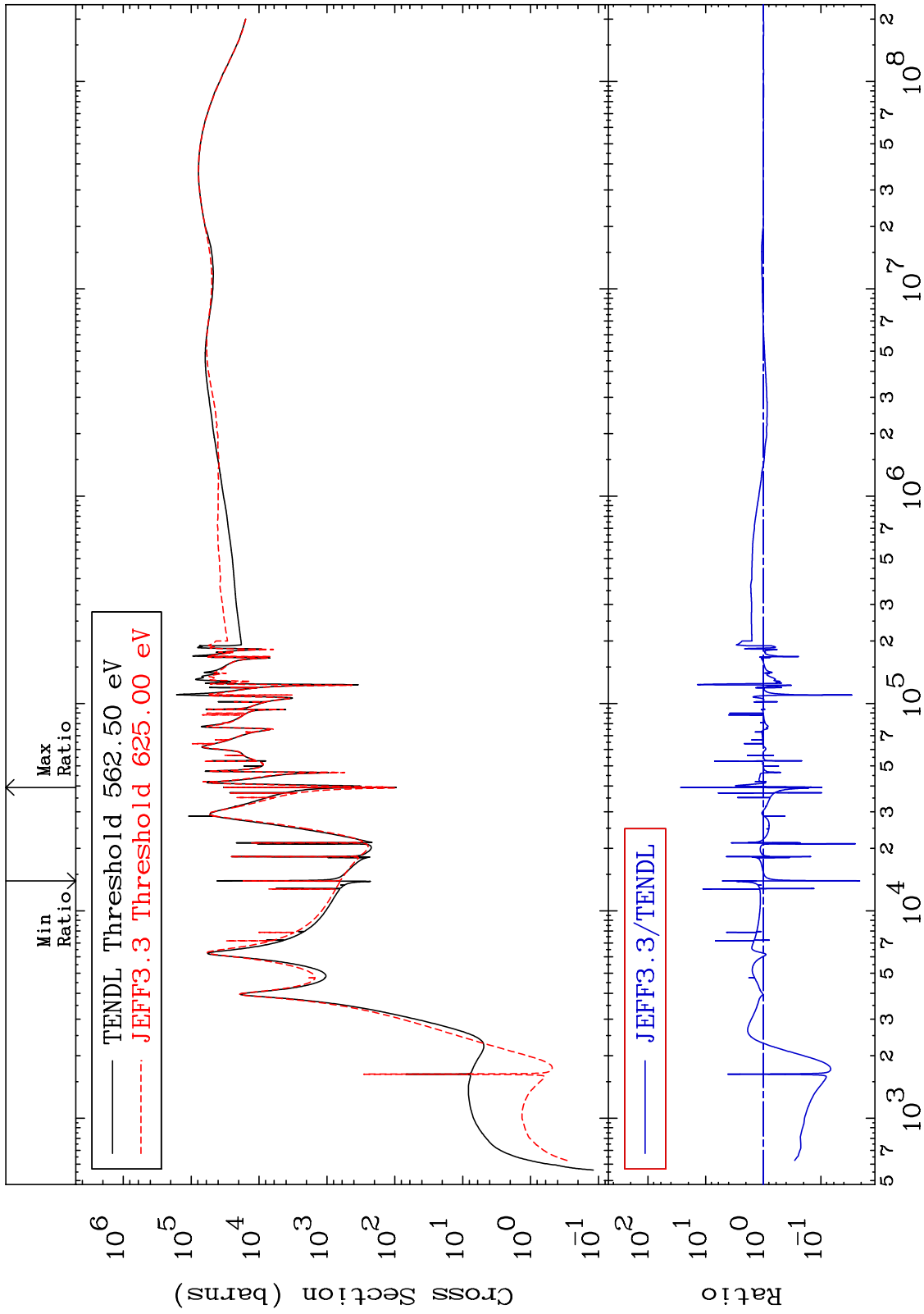
26-Fe-57
-97.88 To 2958. %



MAT 2634

Dpa elastic (mt2)
Cross Section

26-Fe-57
-97.87 To 2600. %

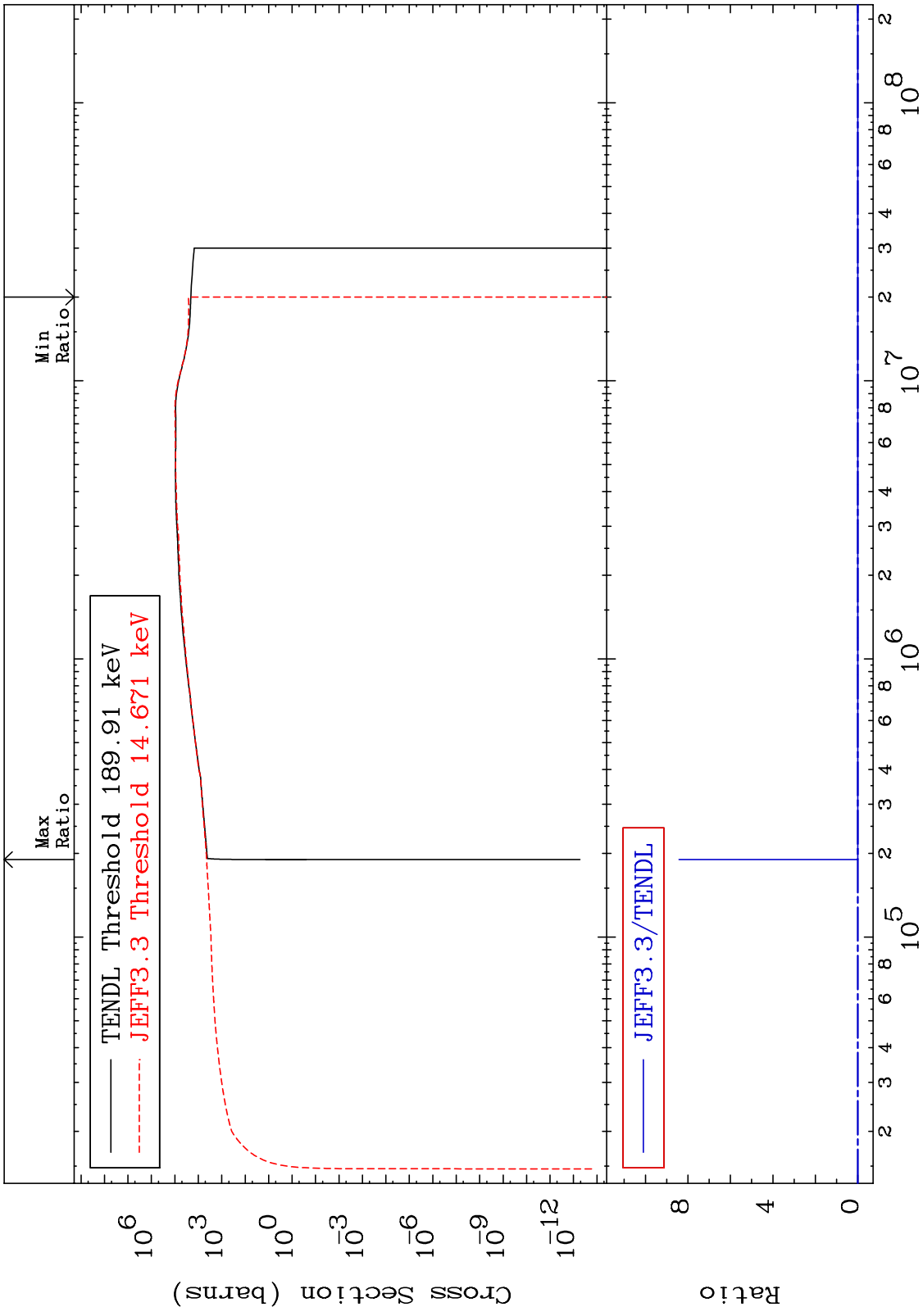


56

Incident Energy (eV)

26-Fe-57

MAT 2634 Dpa inelastic (mt51-91) 26-Fe-57
 Cross Section -100.0 To 9999. %



MAT 2634

Dpa disappearance (mt102 -120)
Cross Section

26-Fe-57
-100.0 To 9999. %

