

Program Complot
(Version 2018-1)

by

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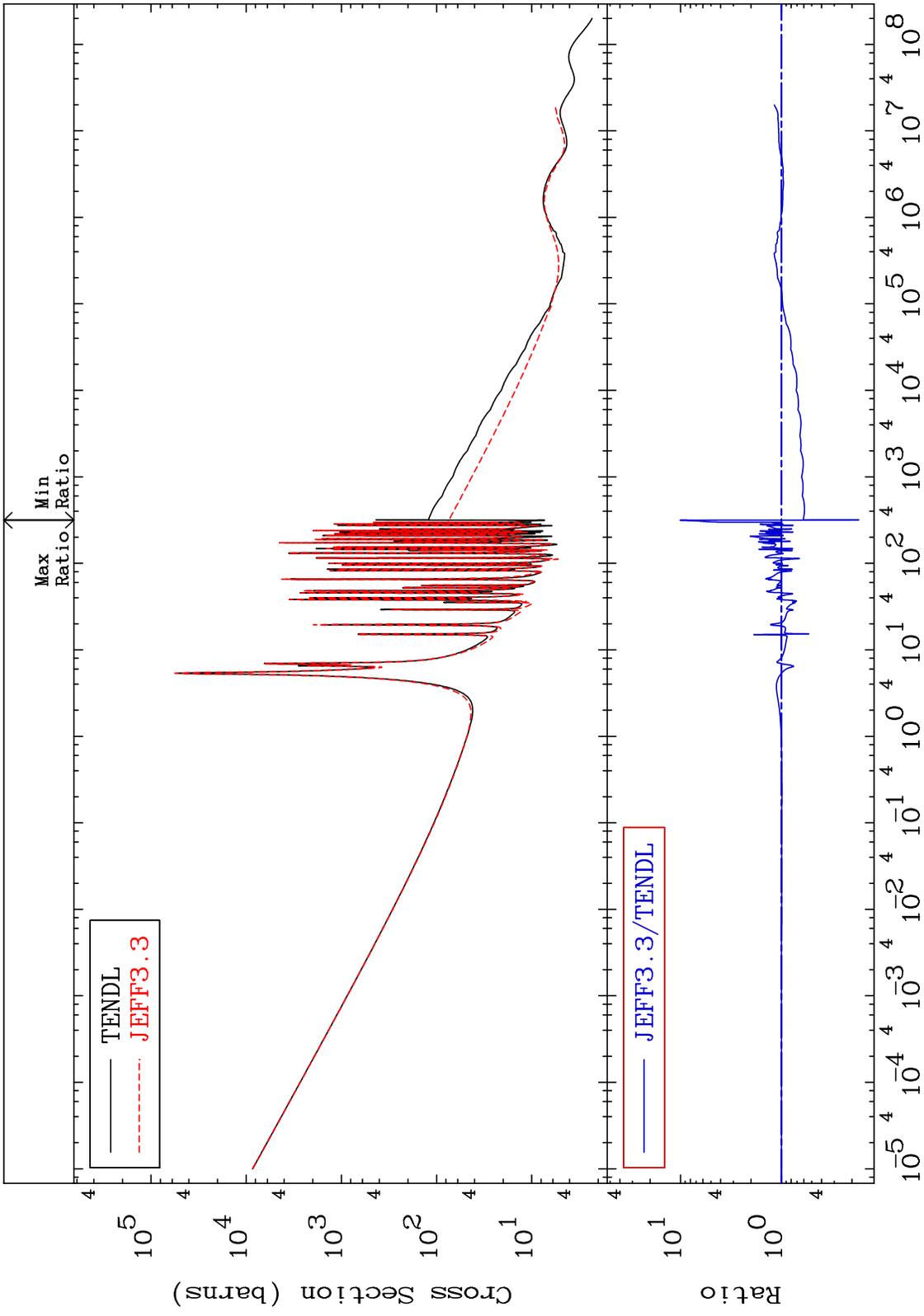
U.S.A.

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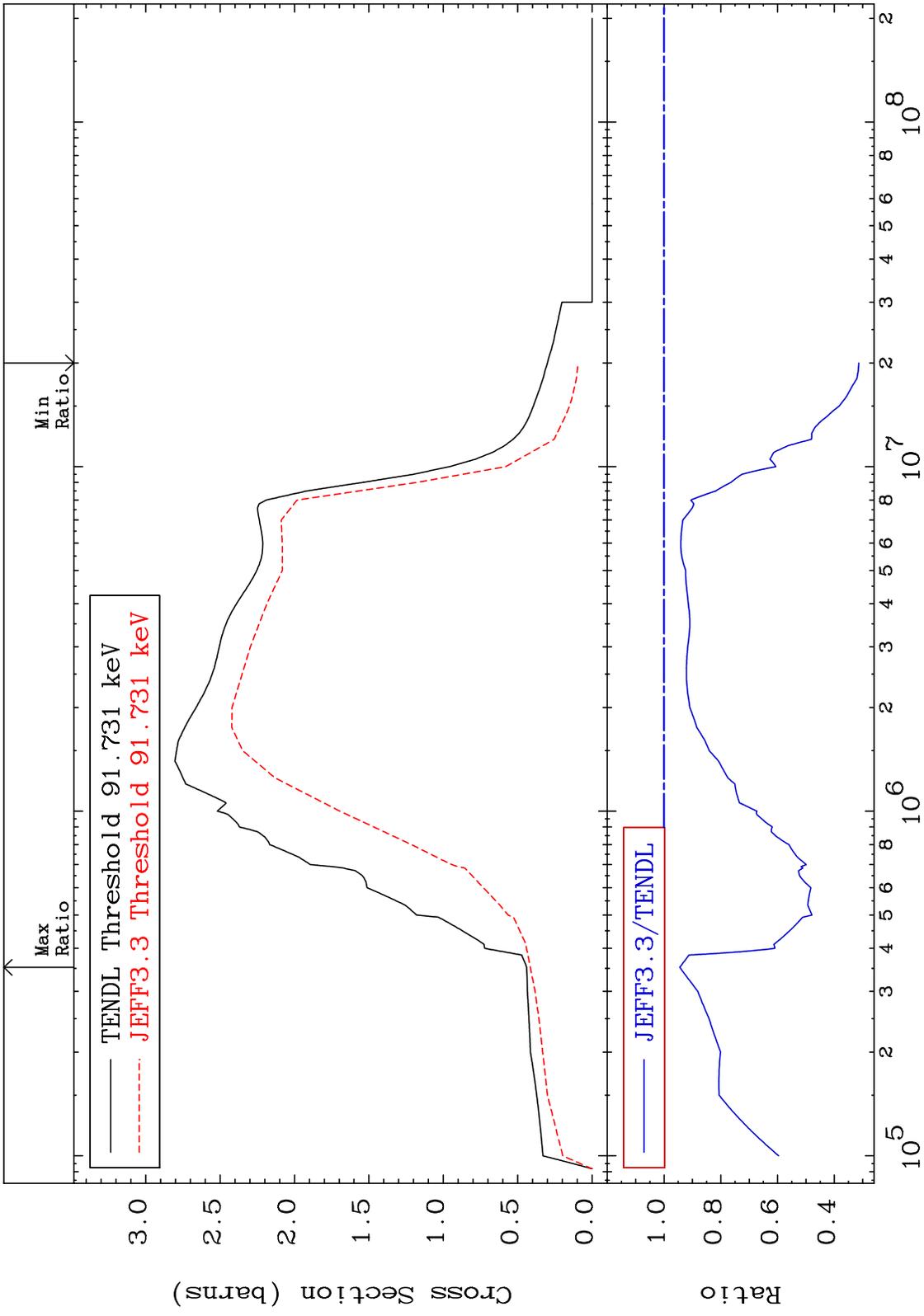
Press Mouse Button to Start

MAT 6149 61-Pm-147
Total Cross Section -82.91 To 918.5 %



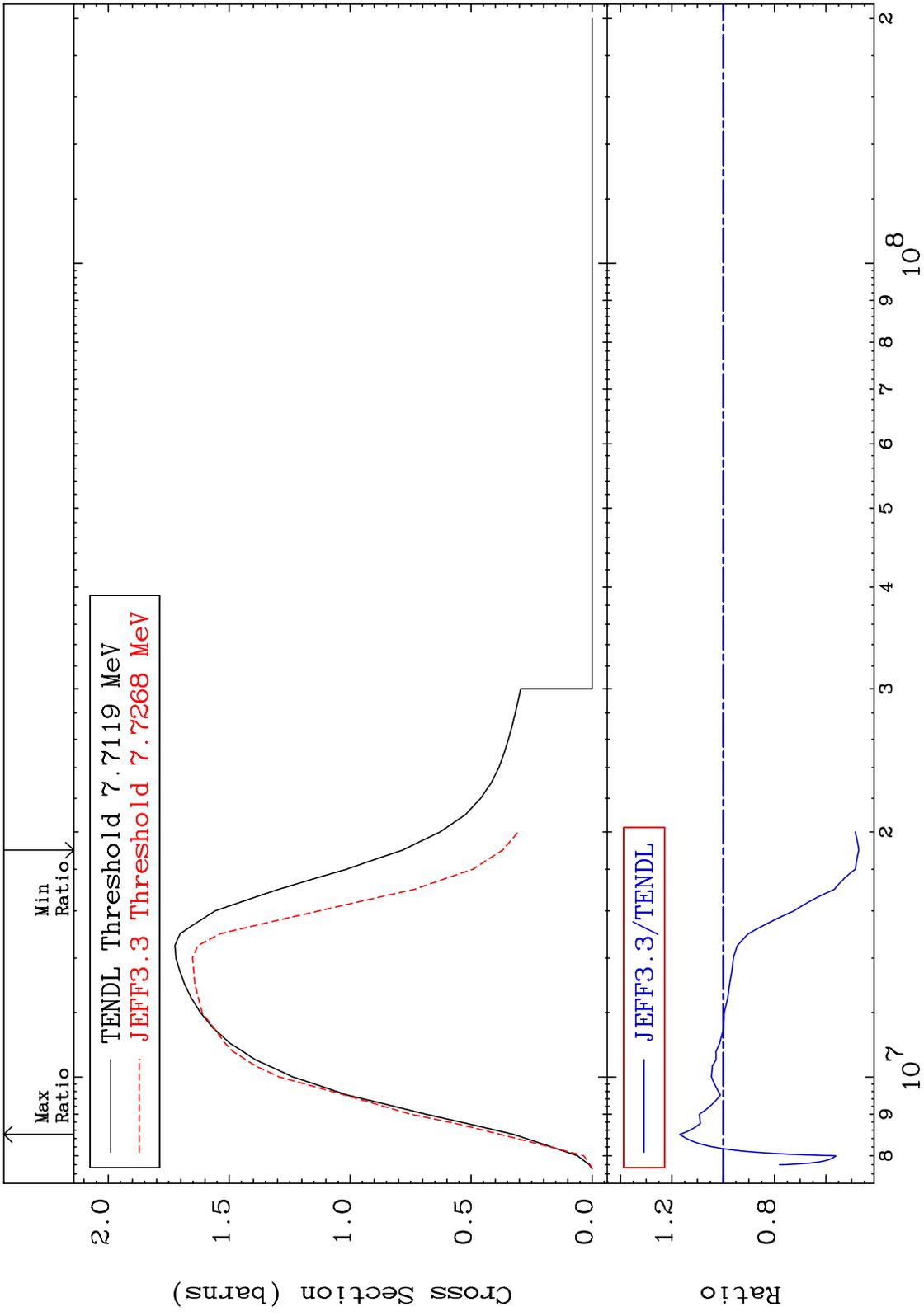
61-Pm-147

MAT 6149 Inelastic Cross Section 61-Pm-147 -68.62 To -5.532%

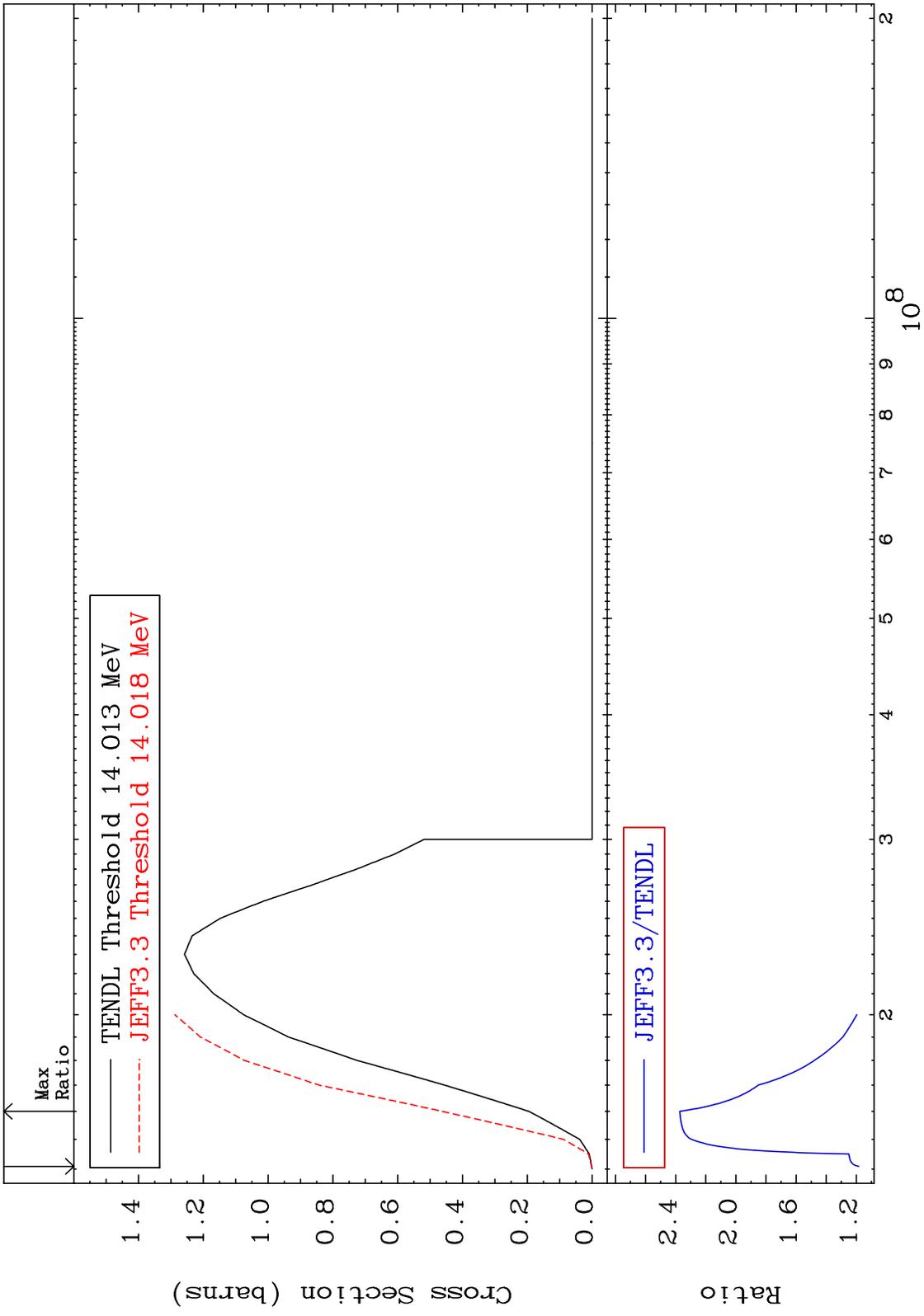


3 Incident Energy (eV) 61-Pm-147

MAT 6149 61-Pm-147
-52.83 To 16.91 %
 (n,2n) Cross Section



MAT 6149 (n,3n) Cross Section 61-Pm-147 To 137.3 % 18.38



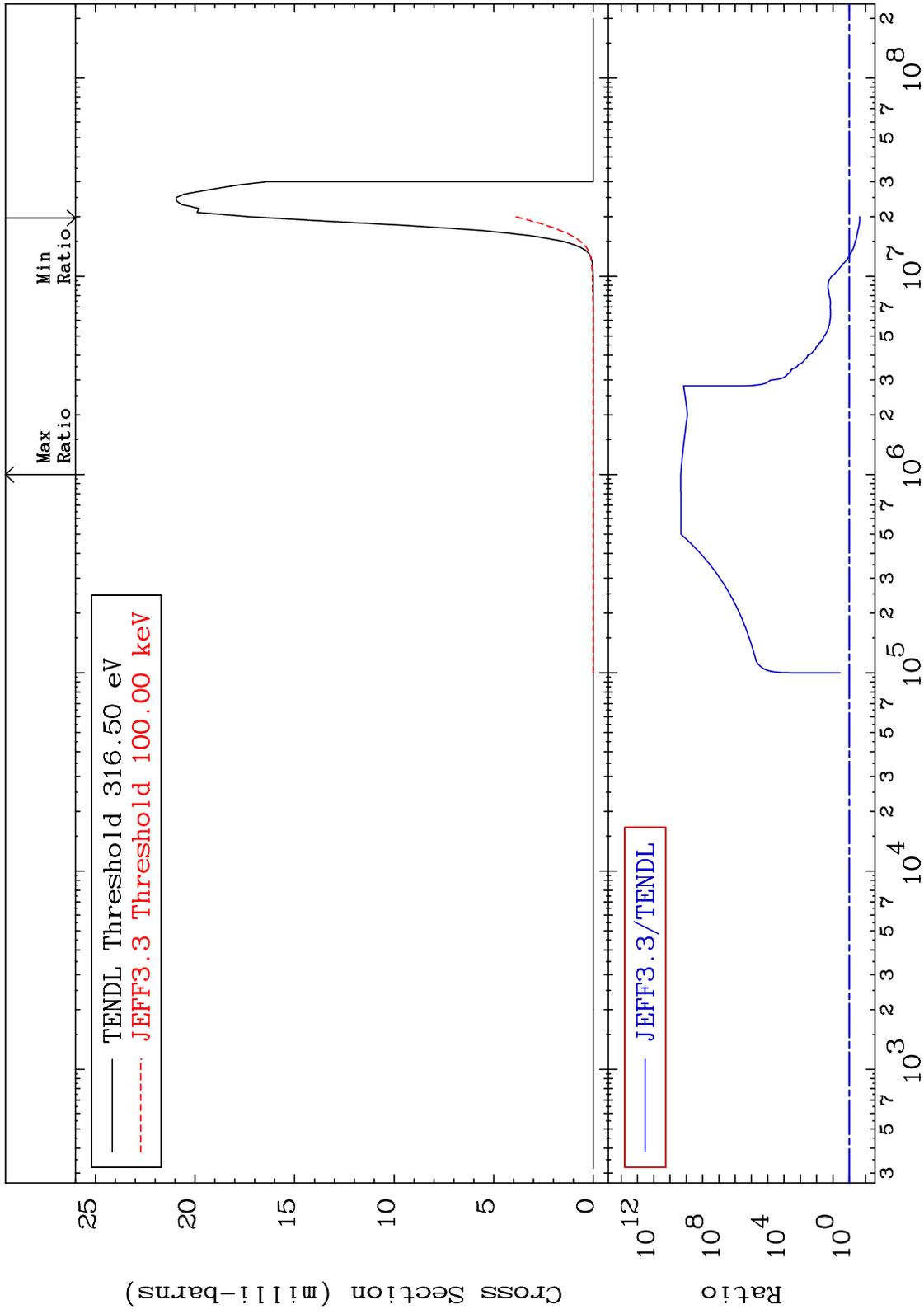
MAT 6149

(n, n') α

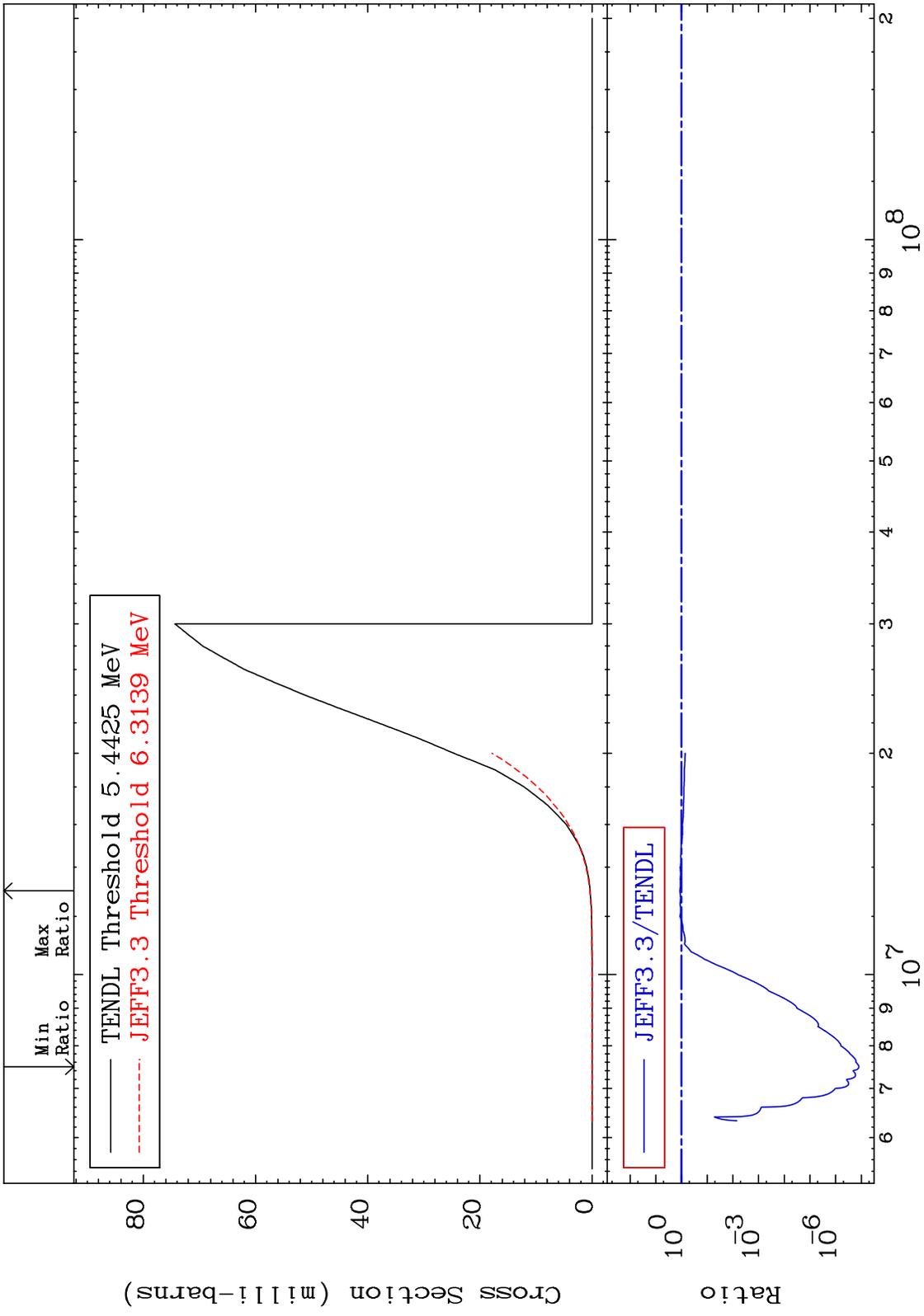
61-Pm-147

-77.44 To 9999. %

Cross Section



MAT 6149 (n, n') p $^{61}\text{Pm}-147$
 Cross Section -100.0 To 16.81 %



7 61-Pm-147

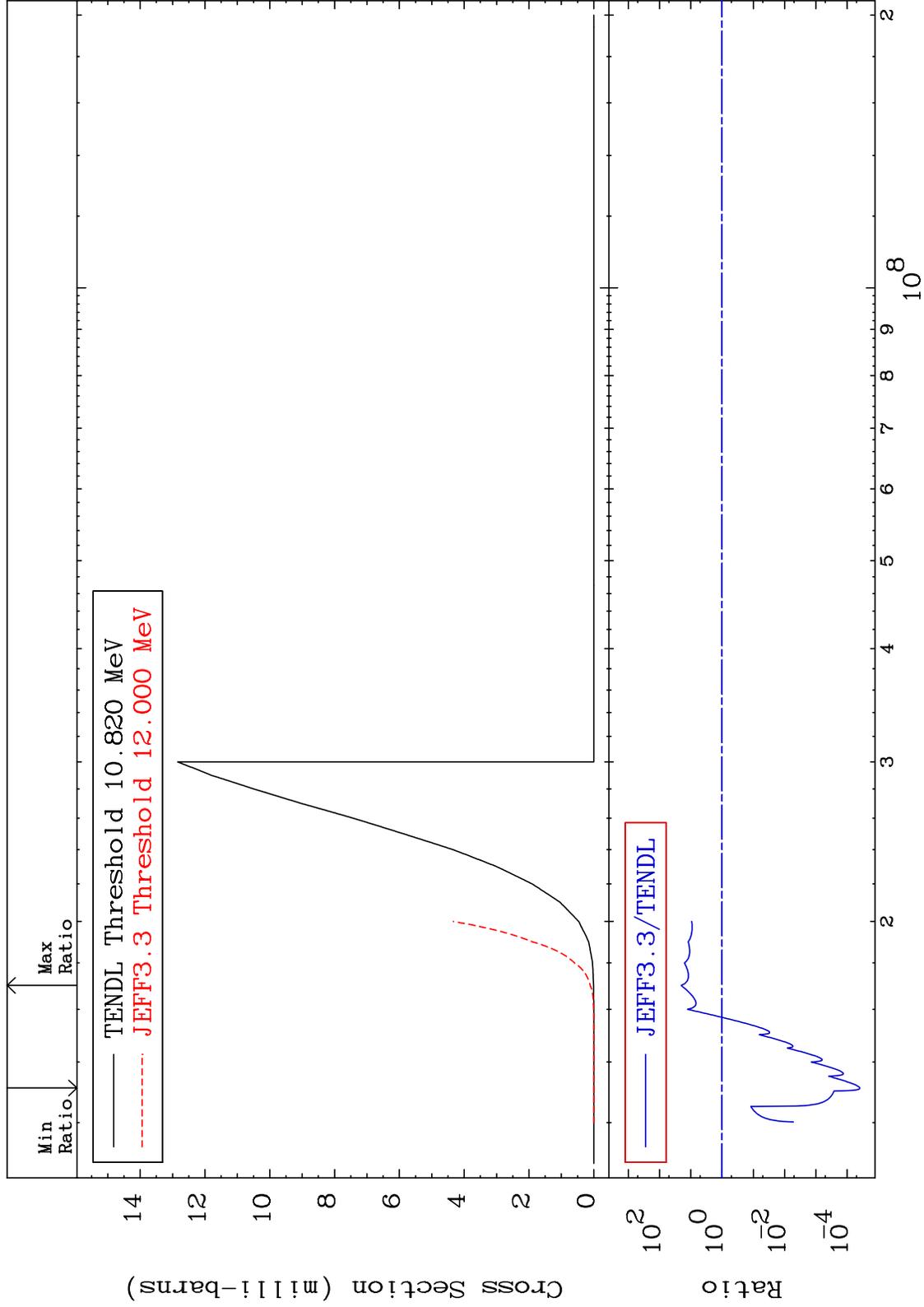
MAT 6149

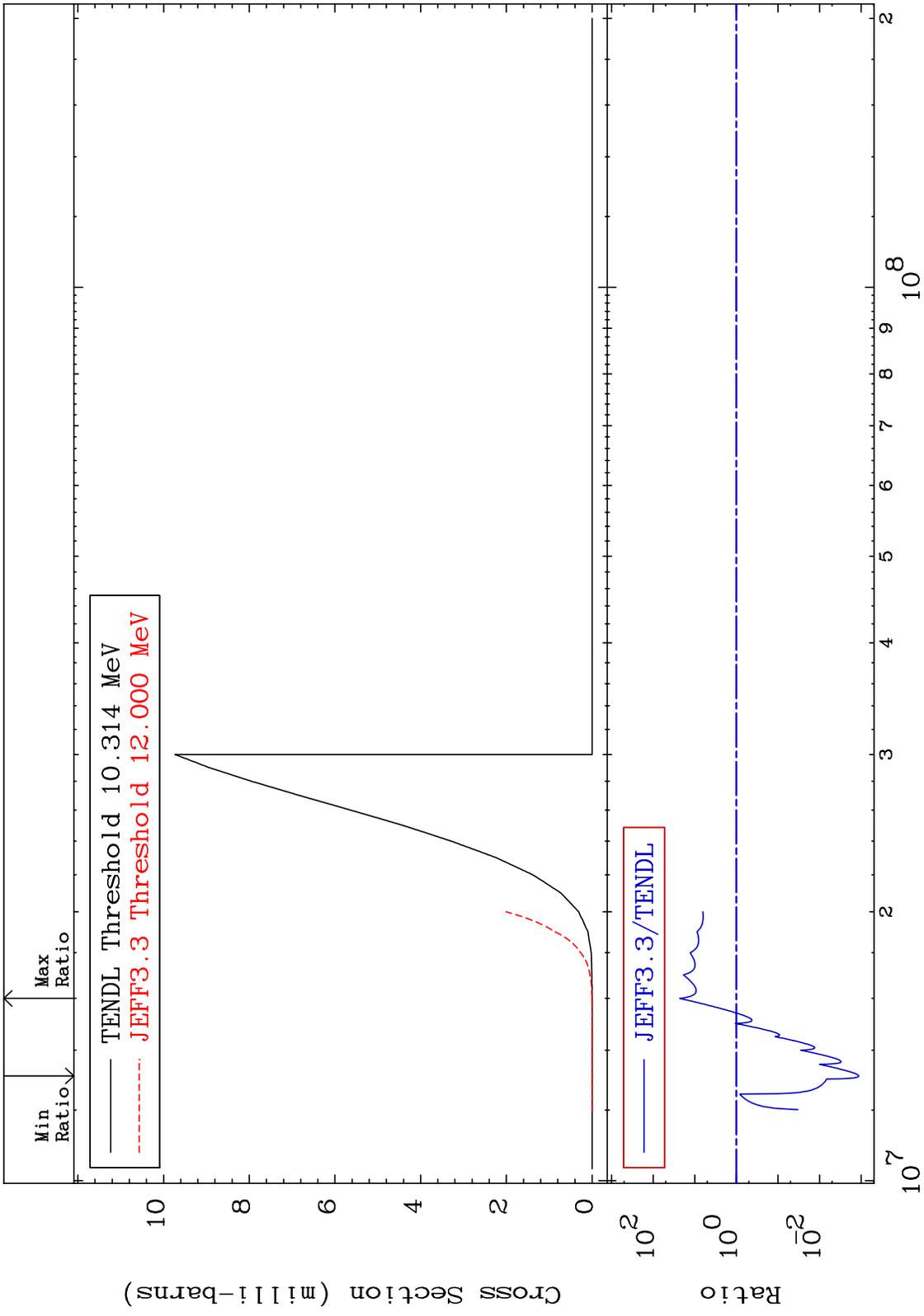
(n, n') d

61-Pm-147

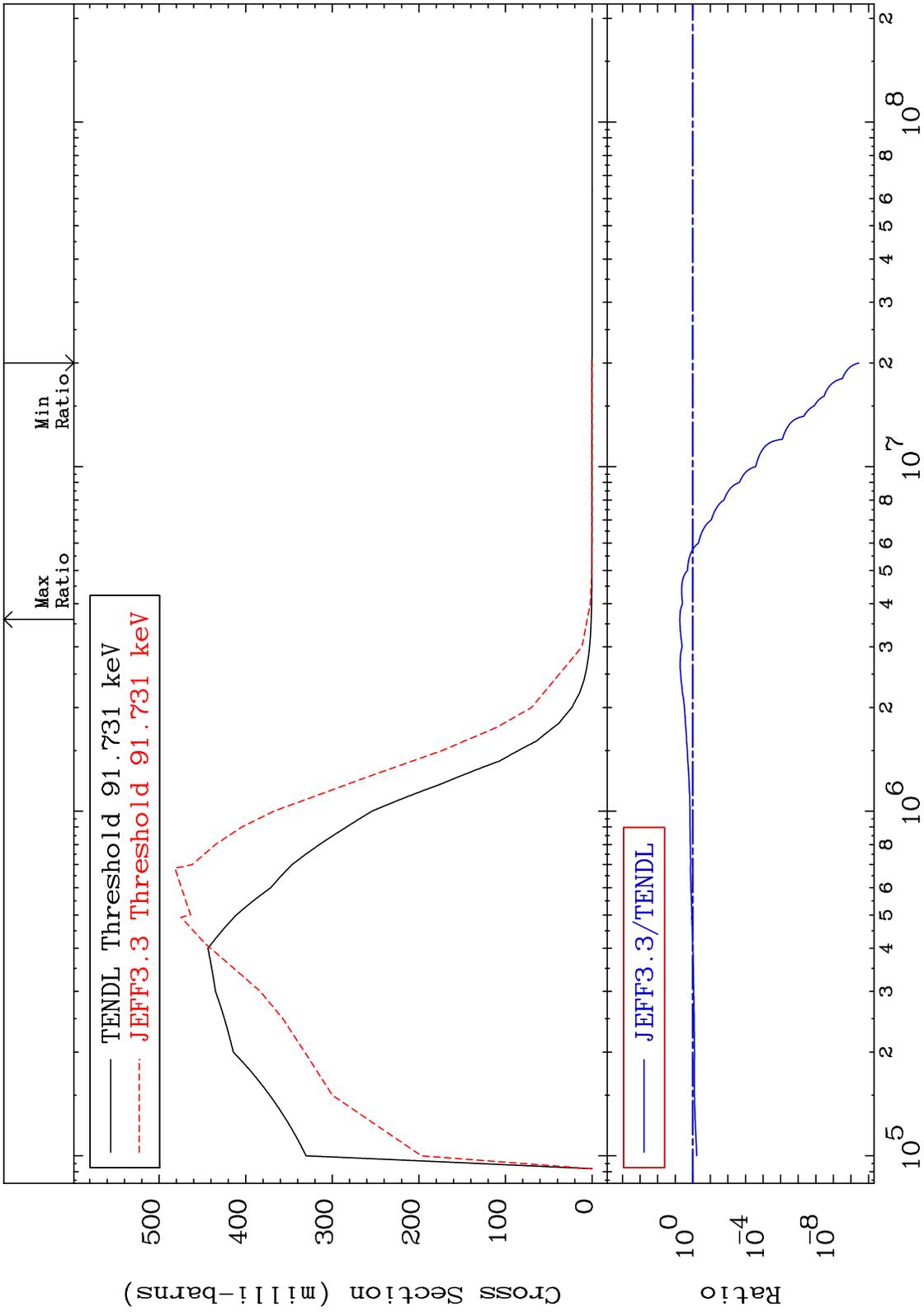
Cross Section

-100.0 To 1920. %



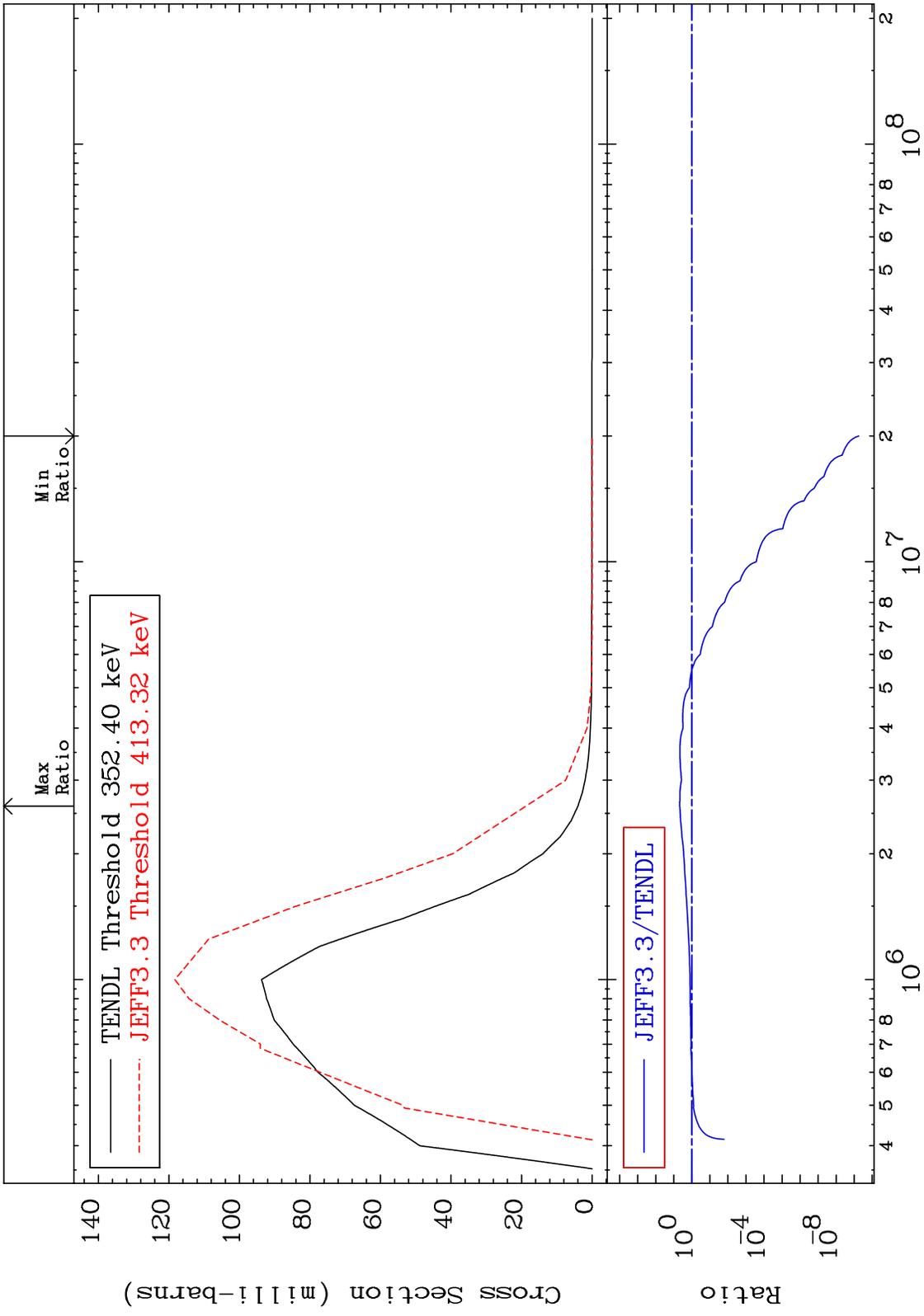


MAT 6149 MT= 51 (n,n') Level 61-Pm-147
Cross Section -100.0 To 452.0 %

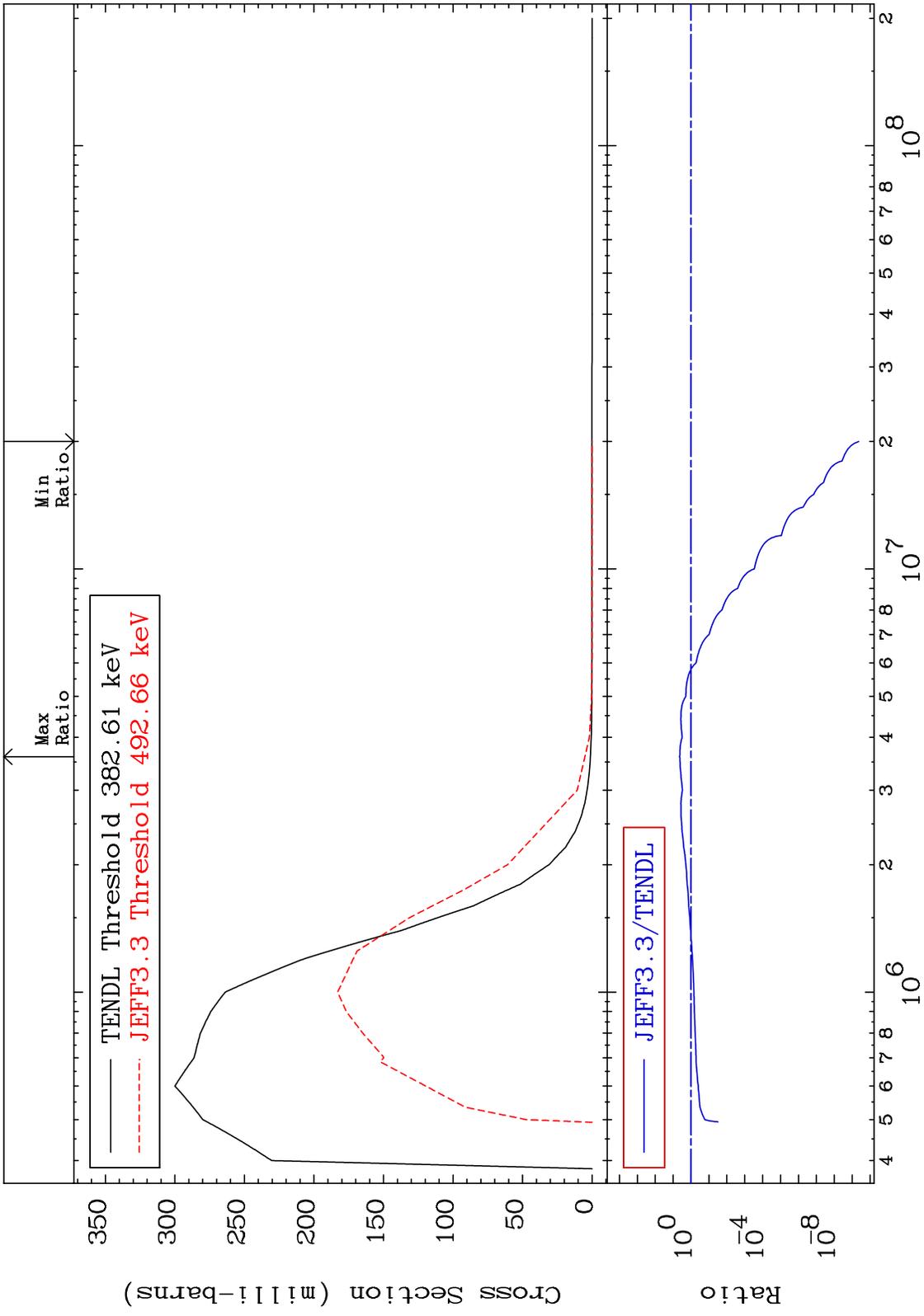


61-Pm-147

MAT 6149 MT= 52 (n,n') Level Cross Section 61-Pm-147
 -100.0 To 369.2 %

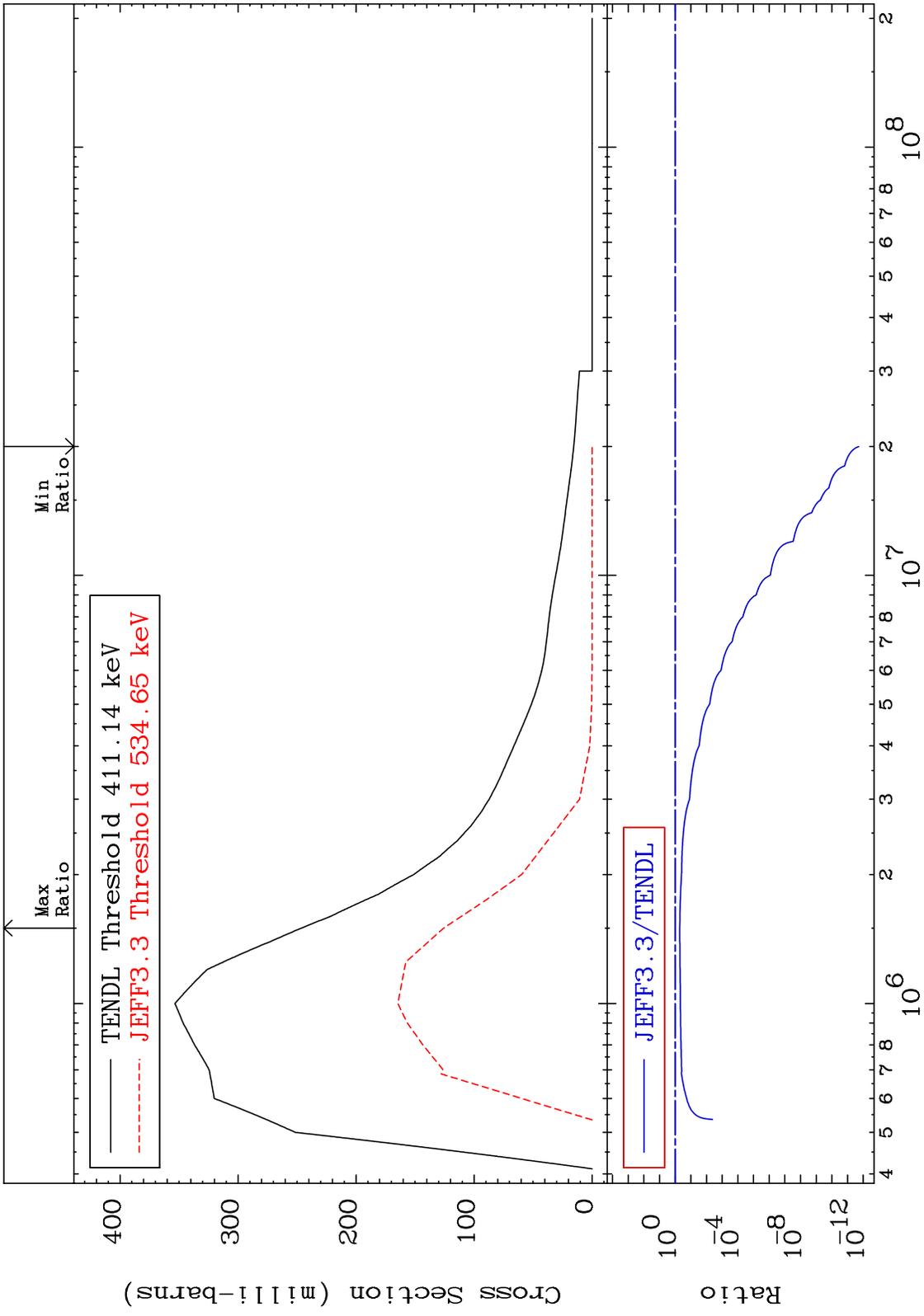


MAT 6149 MT= 53 (n,n') Level Cross Section 61-Pm-147 -100.0 To 326.9 %



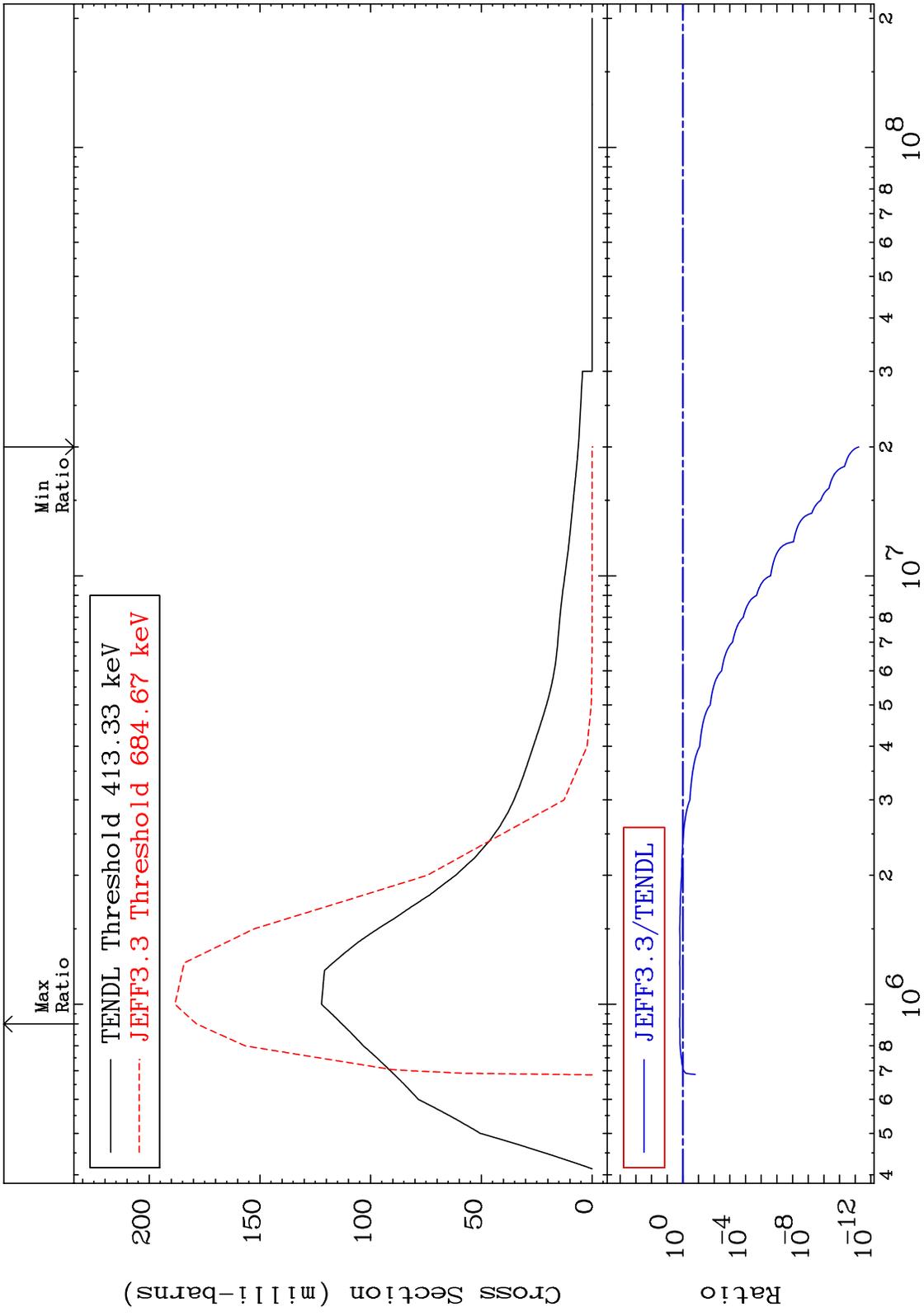
12 61-Pm-147

MAT 6149 MT= 54 (n,n') Level Cross Section 61-Pm-147 -100.0 To -48.92%

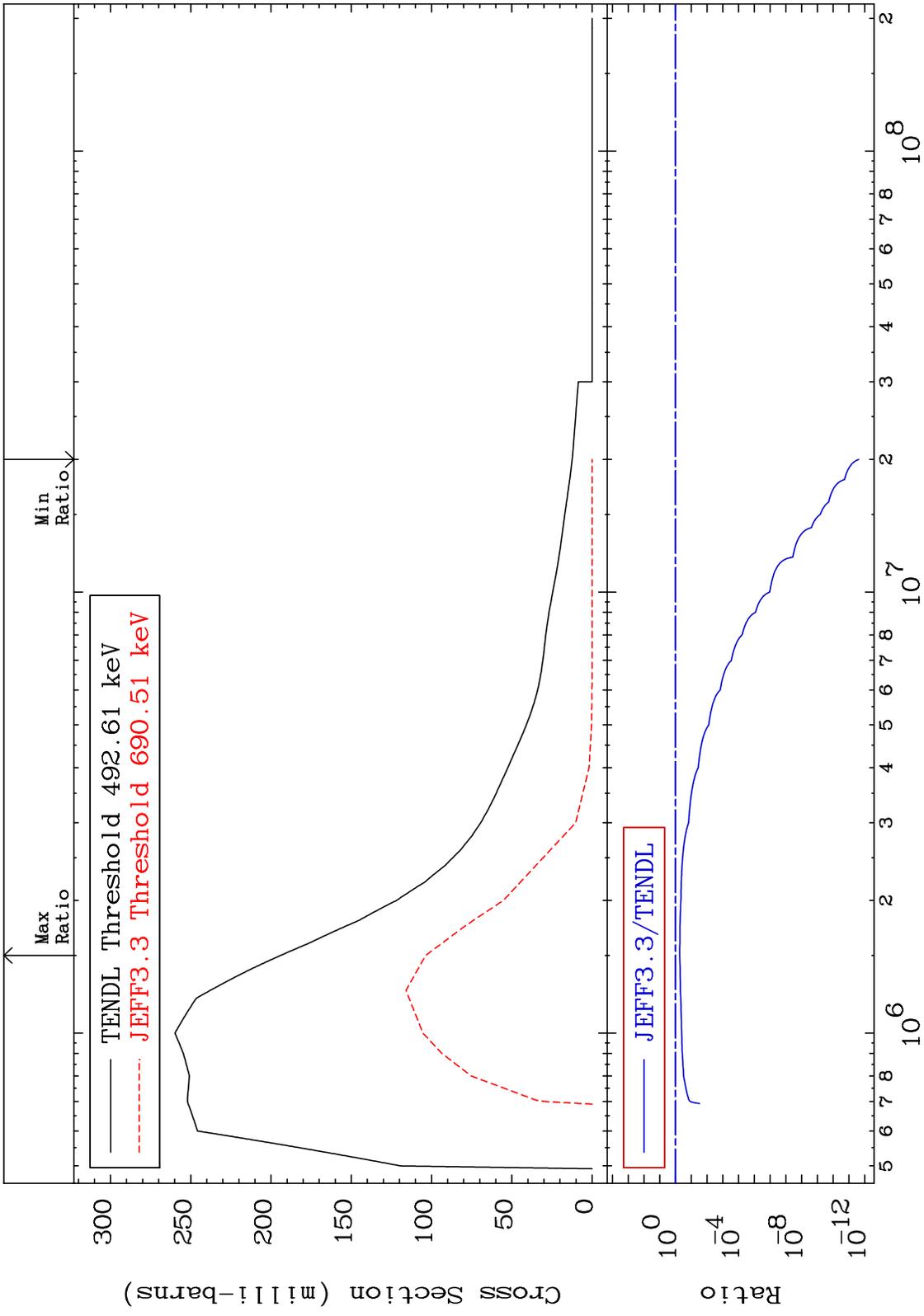


13 61-Pm-147

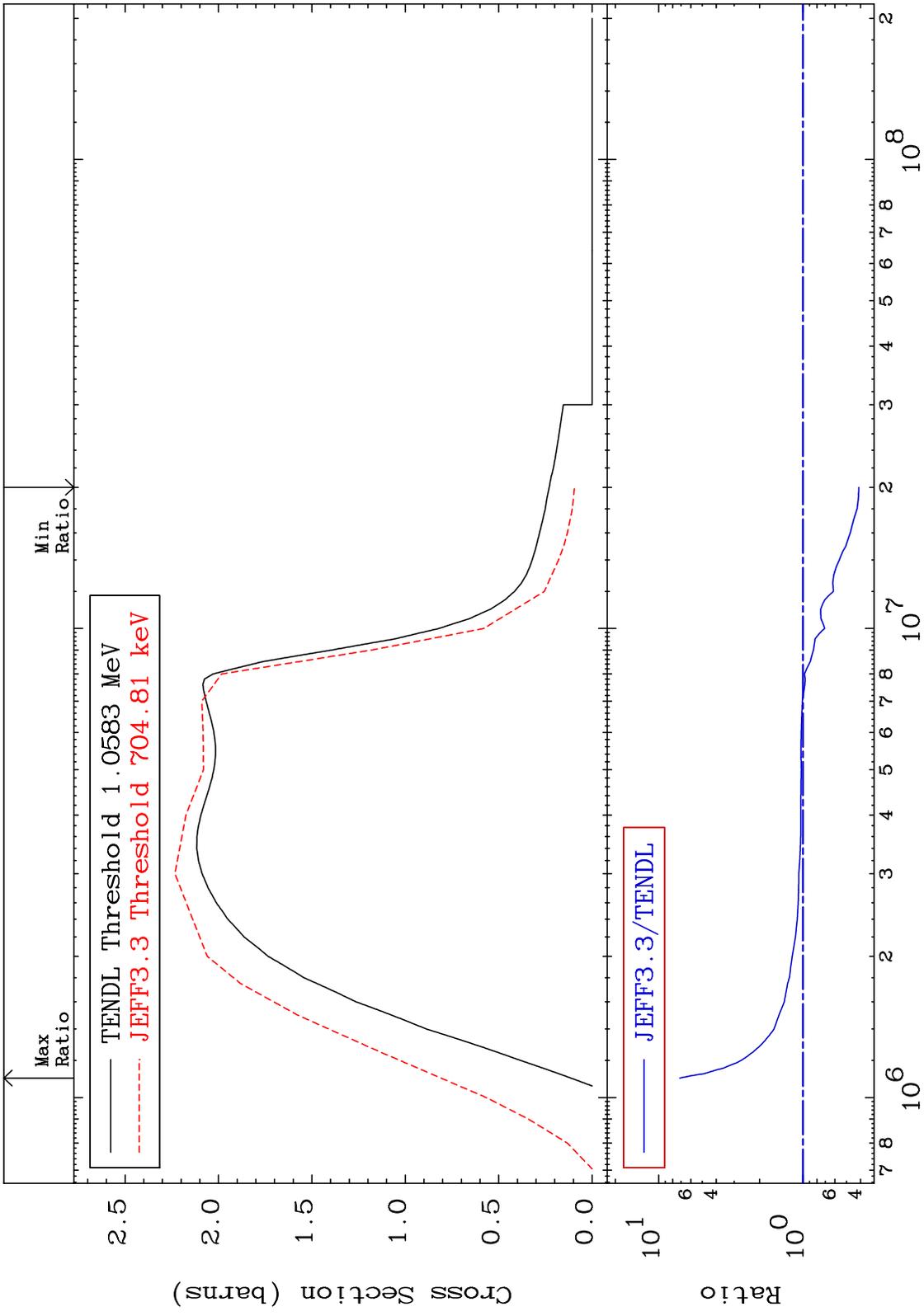
MAT 6149 MT= 55 (n,n') Level Cross Section 61-Pm-147
 -100.0 To 58.06 %



MAT 6149 MT= 56 (n,n') Level Cross Section 61-Pm-147
 -100.0 To -46.58%



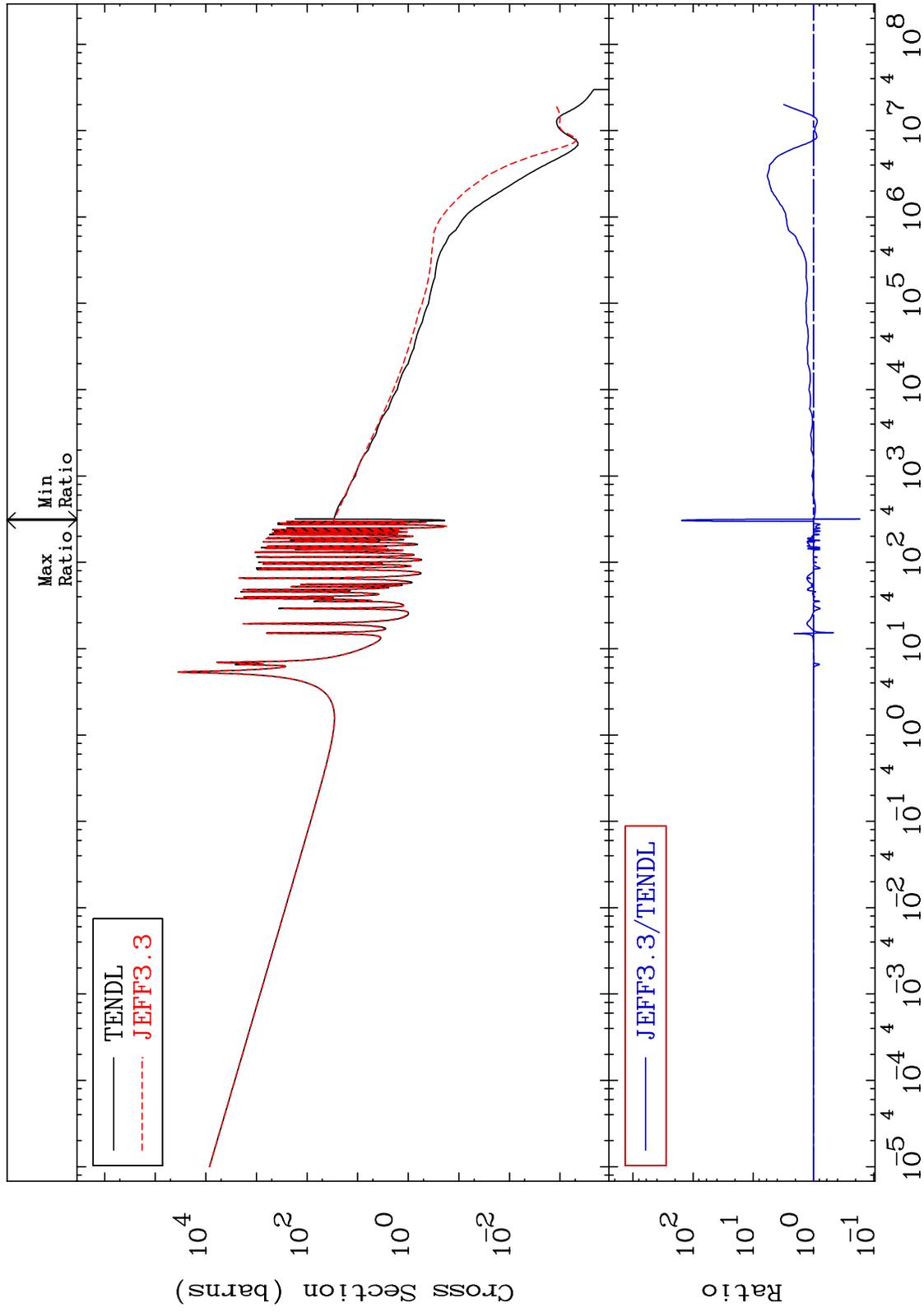
MAT 6149 (n, n') Continuum Cross Section 61-Pm-147 -58.97 To 615.0 %



MAT 6149

(n, γ)
Cross Section

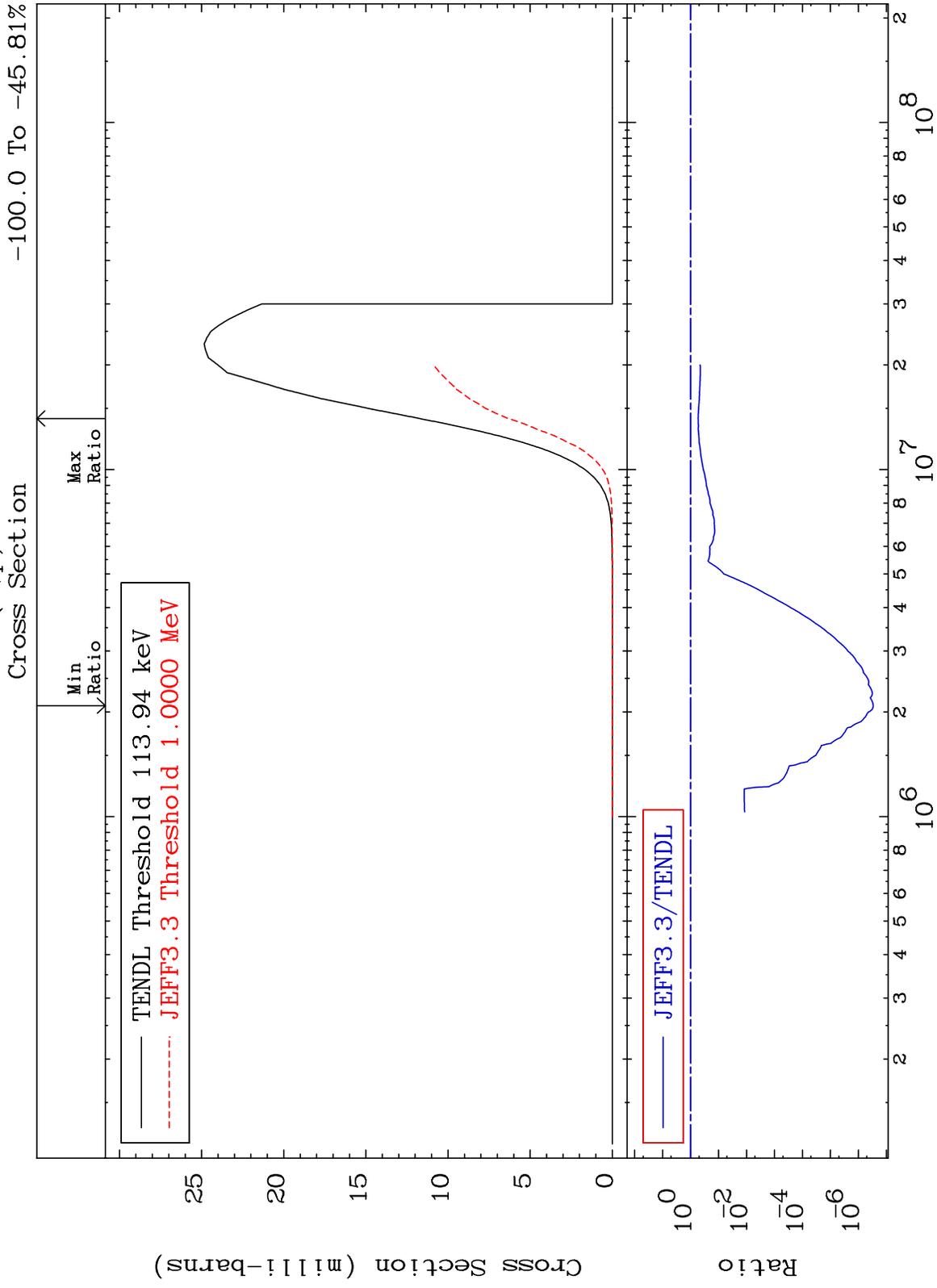
61-Pm-147
-83.03 To 9999. %



MAT 6149

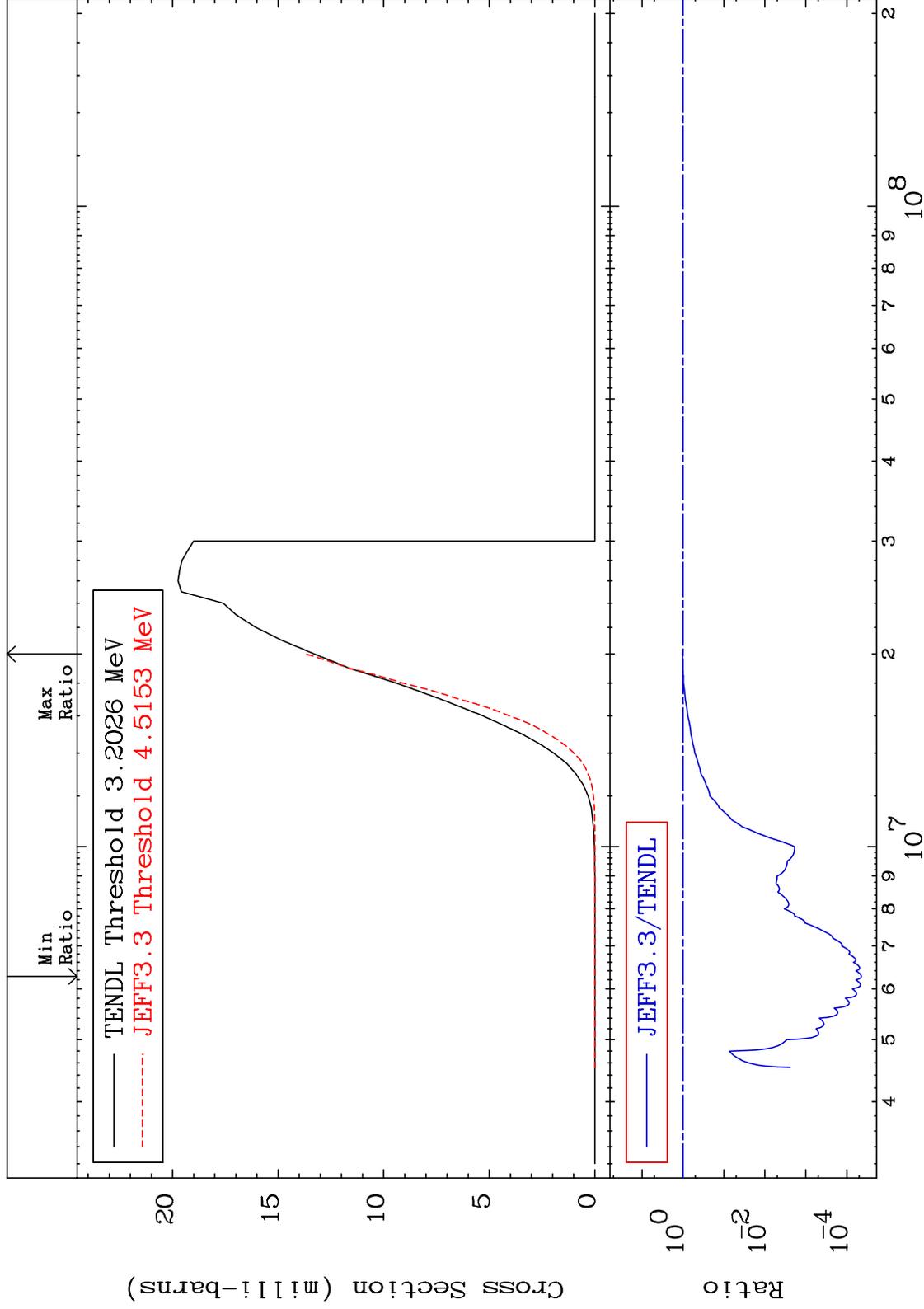
(n,p)

61-Pm-147
-100.0 To -45.81%

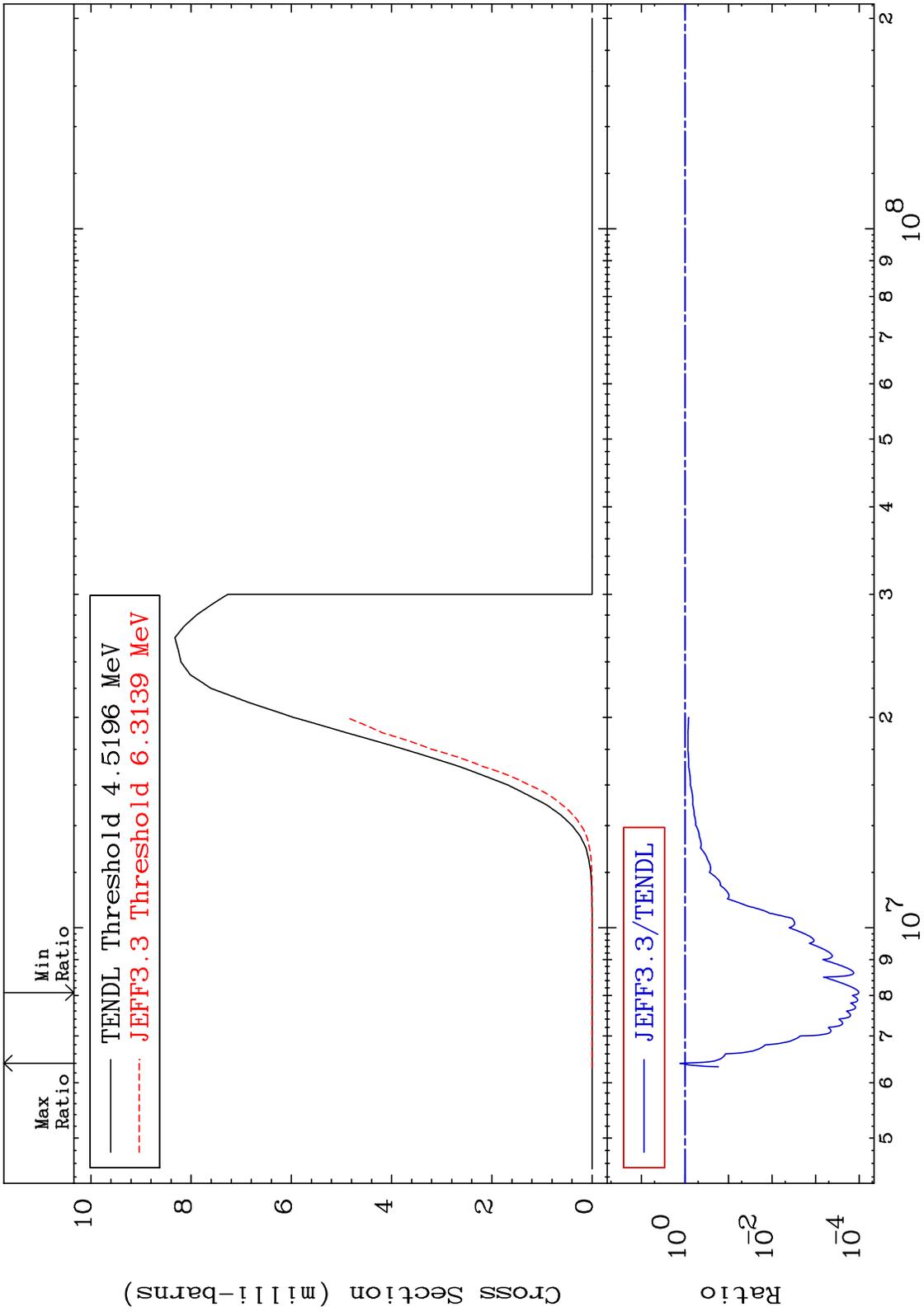


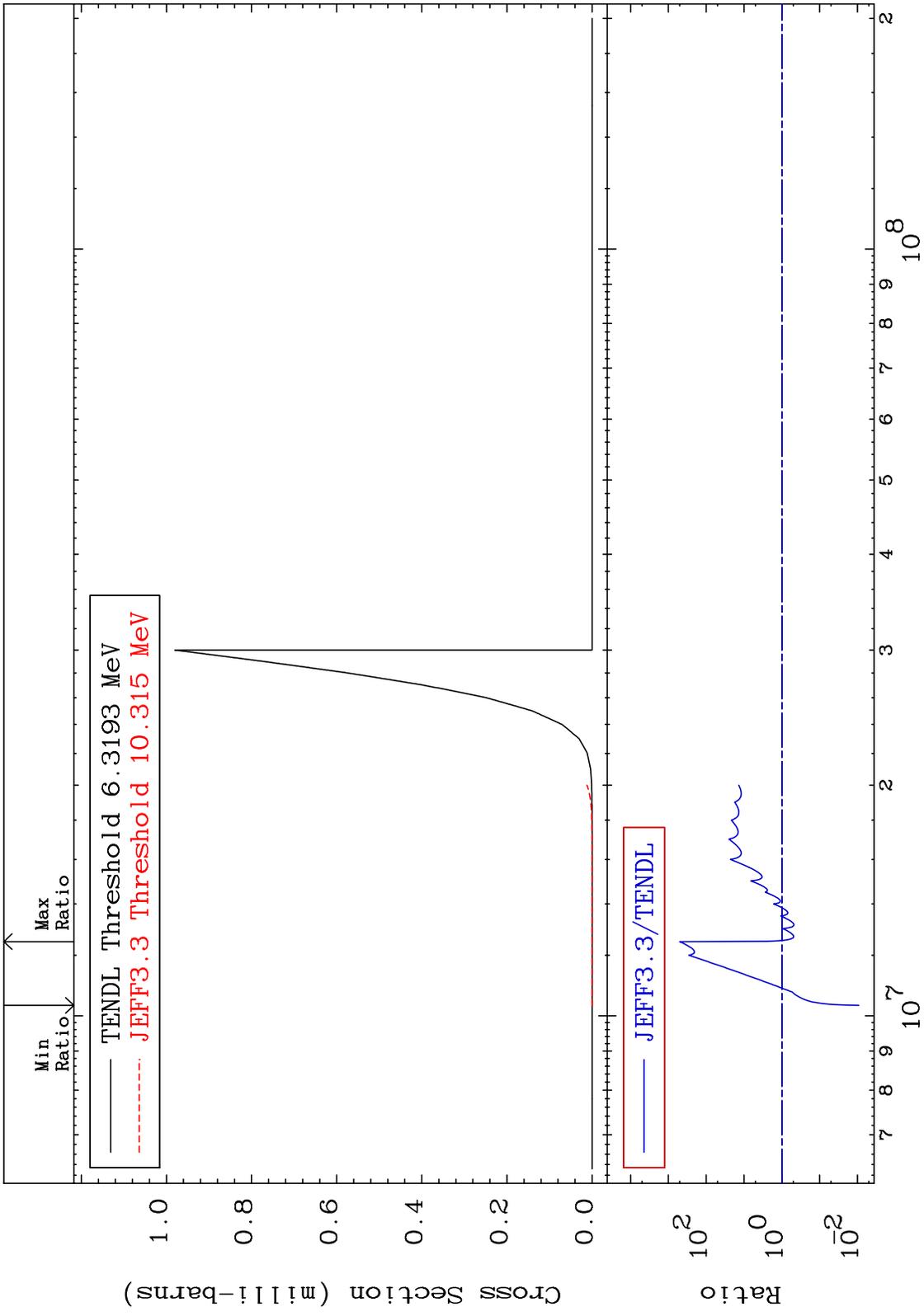
MAT 6149

(n,d) Cross Section
61-Pm-147
-100.0 To 3.076 %



MAT 6149 (n,t) Cross Section 61-Pm-147 -99.99 To 31.32 %





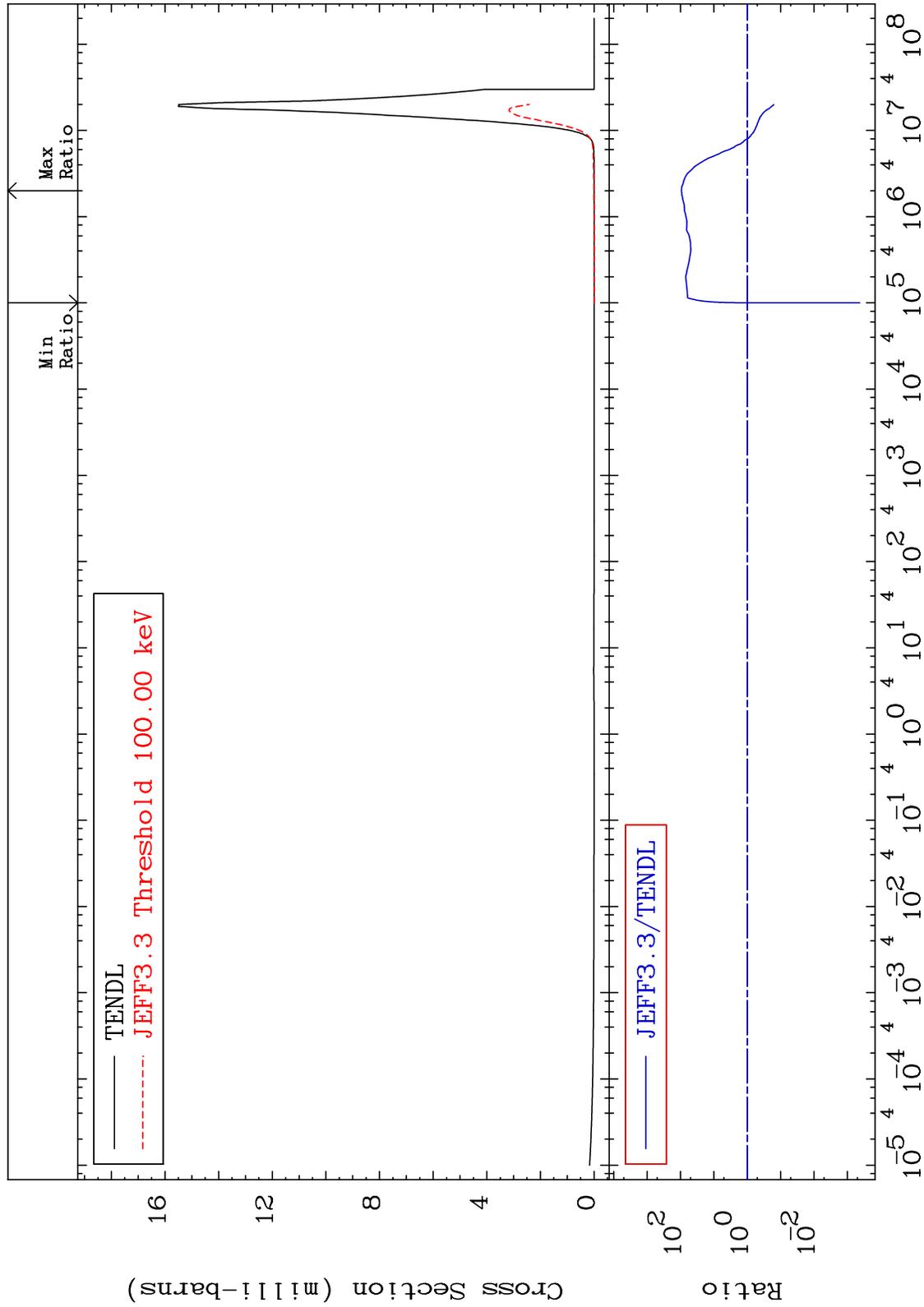
MAT 6149

(n, α)

61-Pm-147

Cross Section

-99.96 To 9272. %



22

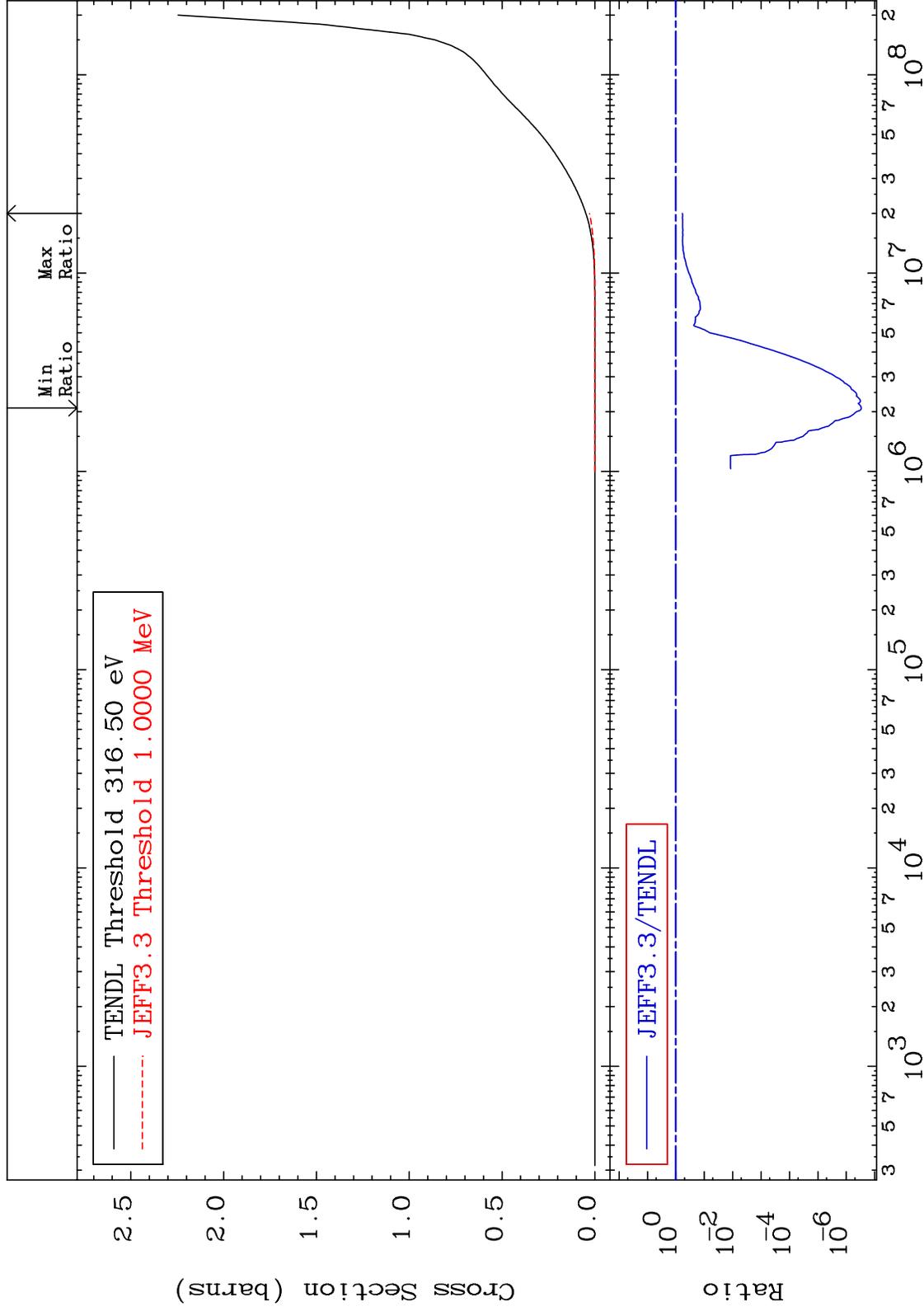
Incident Energy (eV)

61-Pm-147

MAT 6149

Hydrogen Production Cross Section

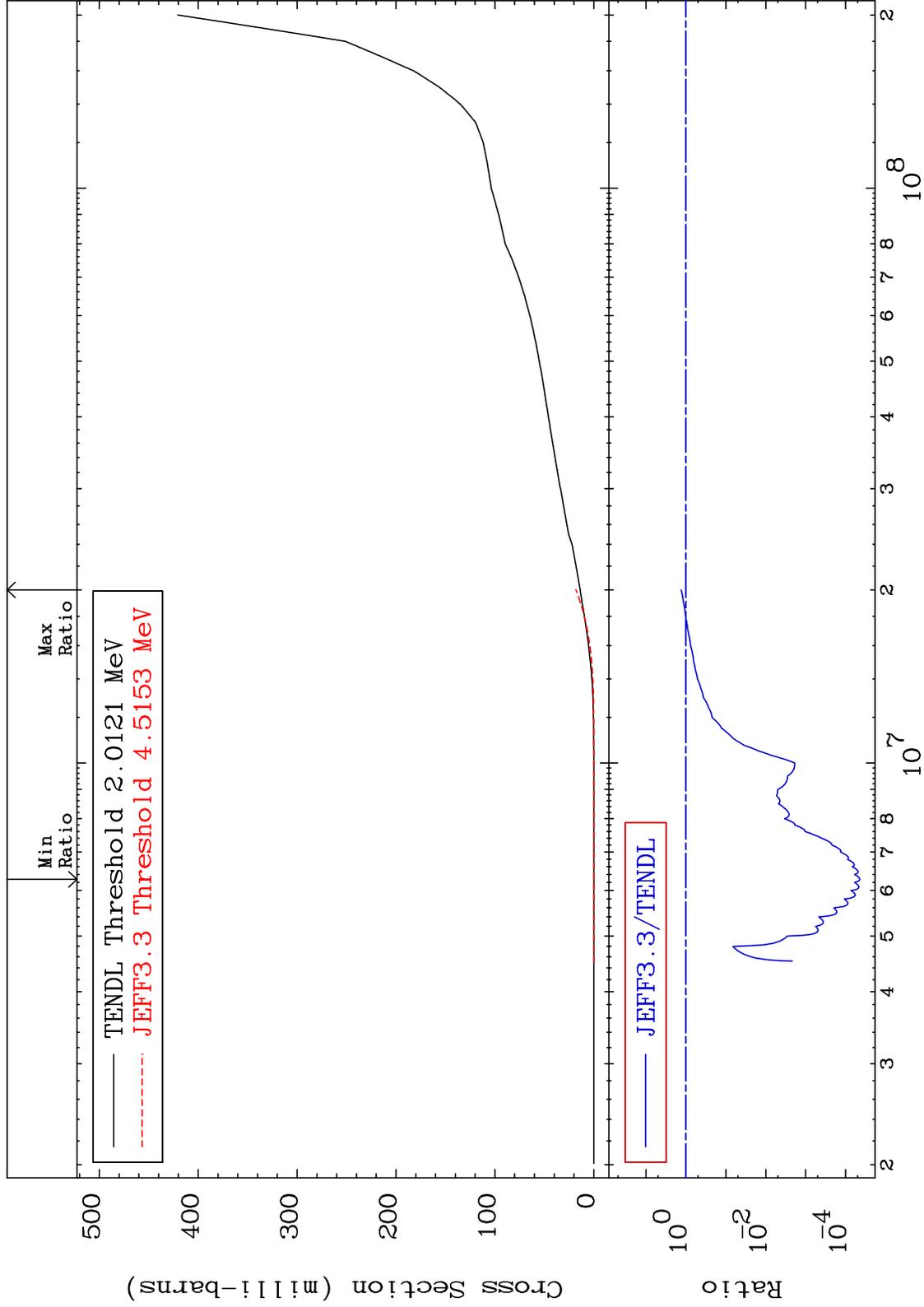
61-Pm-147
-100.0 To -41.15%



MAT 6149

Deuterium Production
Cross Section

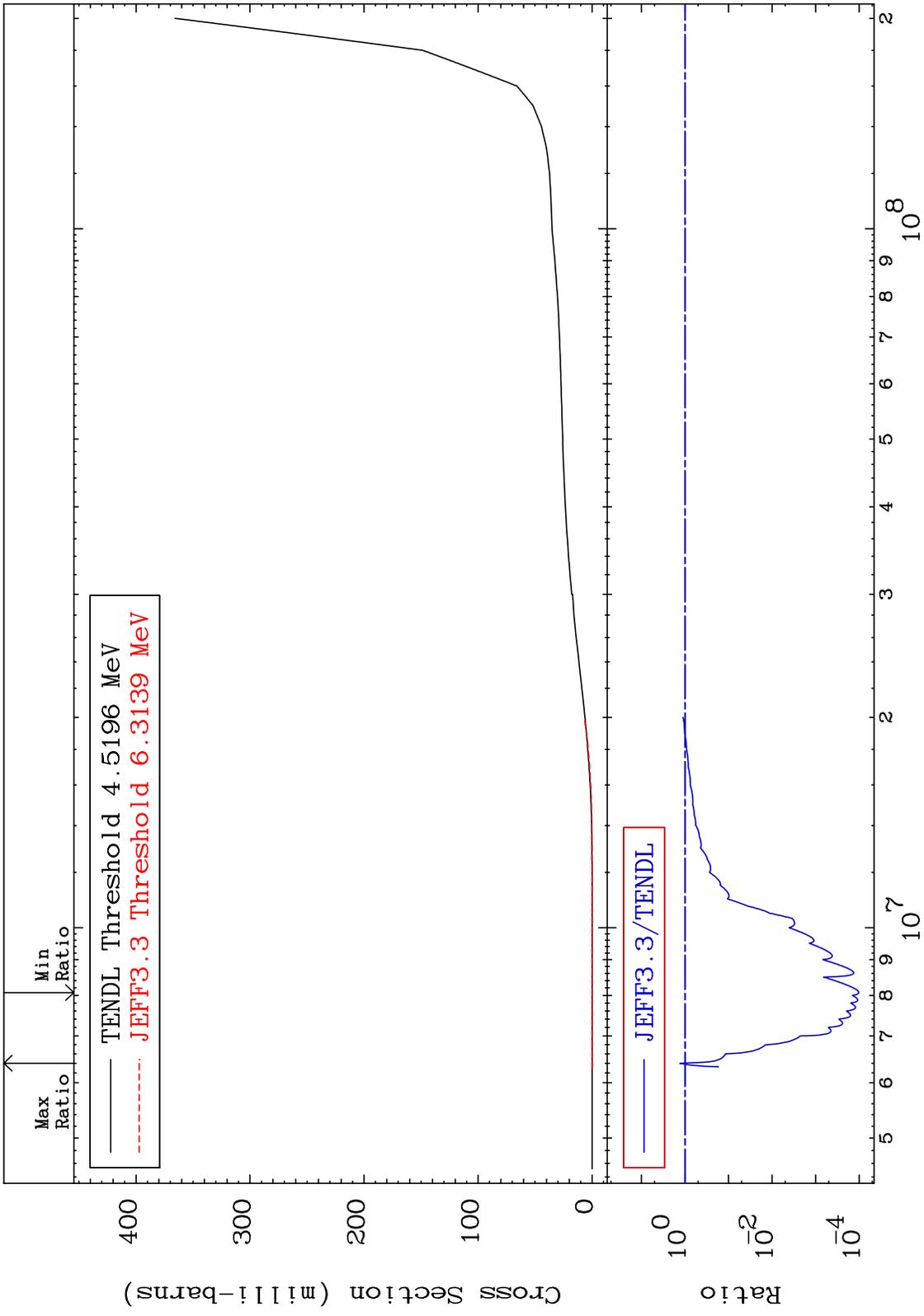
61-Pm-147
-100.0 To 31.13 %



24

61-Pm-147

MAT 6149 Tritium Production Cross Section 61-Pm-147
 -99.99 To 31.32 %

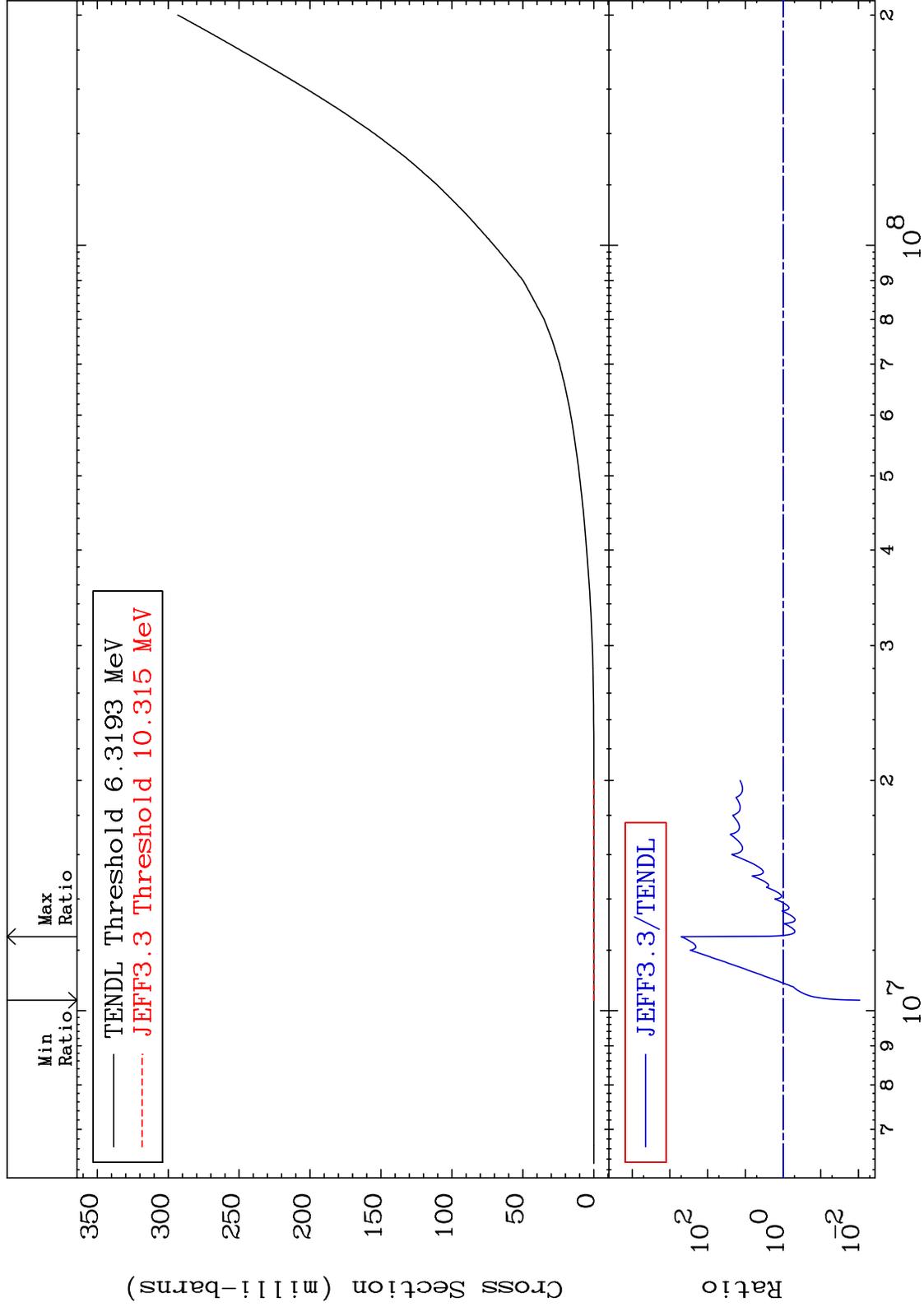


25 Incident Energy (eV) 61-Pm-147

MAT 6149

He-3 Production
Cross Section

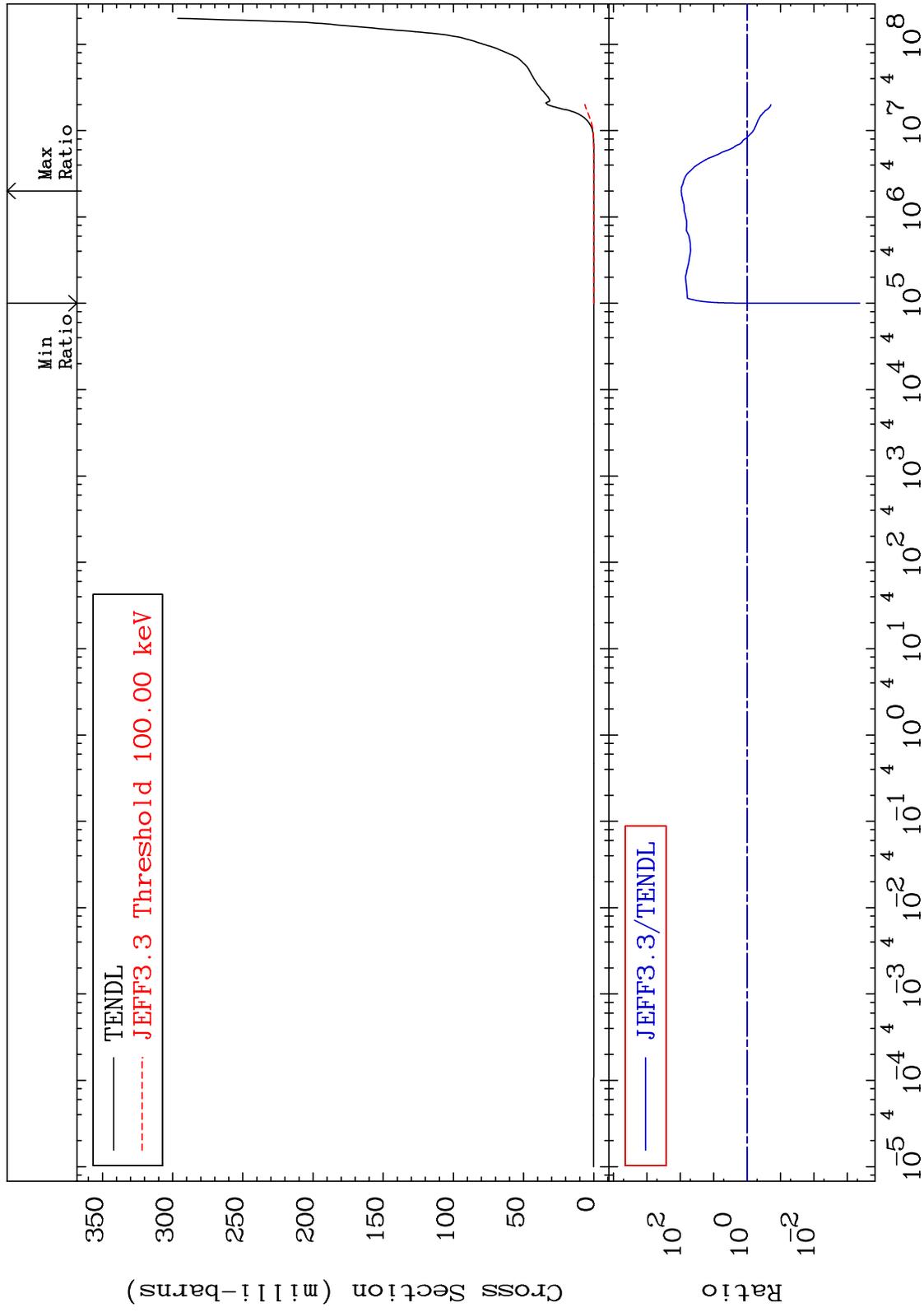
61-Pm-147
-99.08 To 9999. %



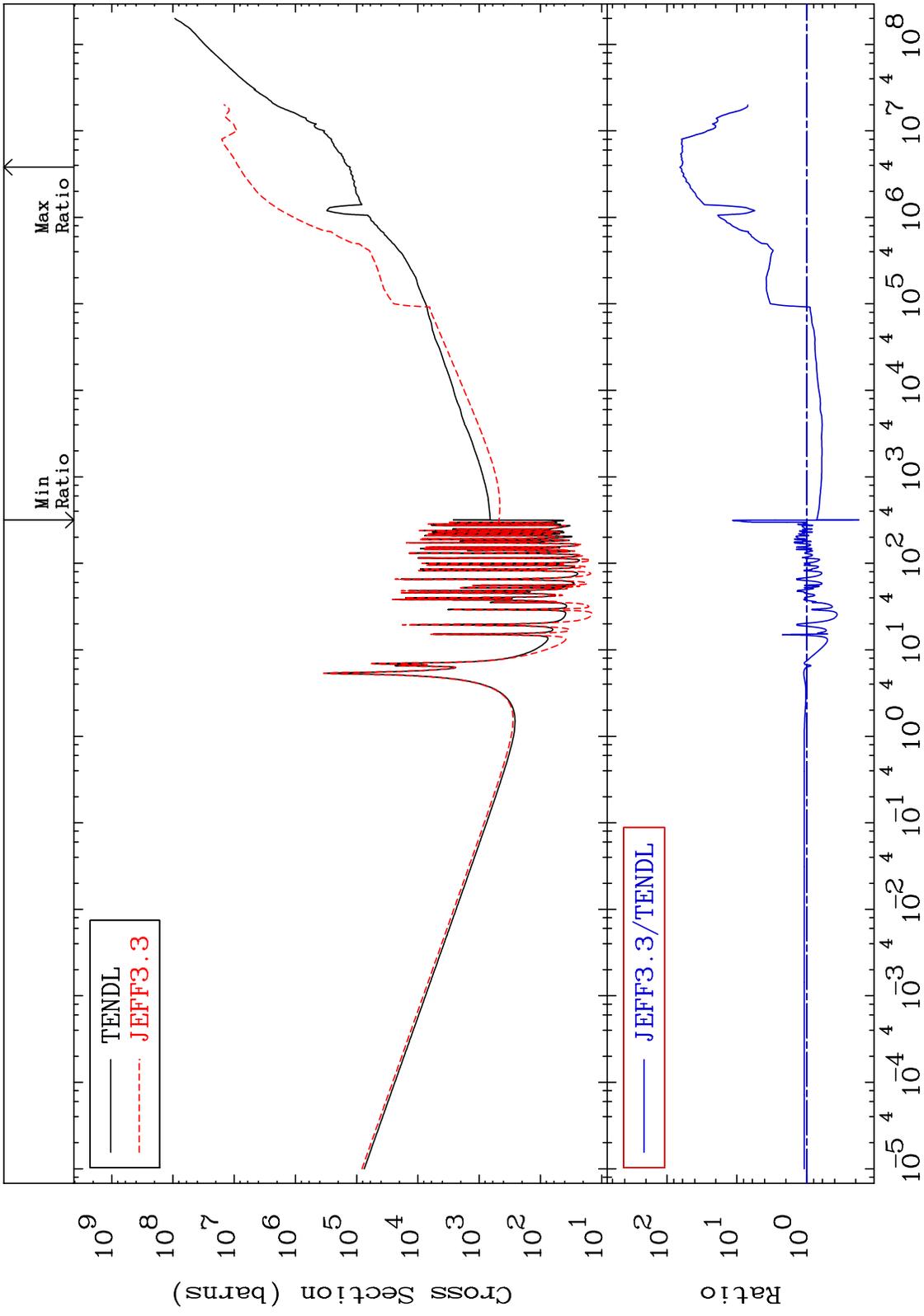
MAT 6149

He-4 Production
Cross Section

61-Pm-147
-99.96 To 9273. %



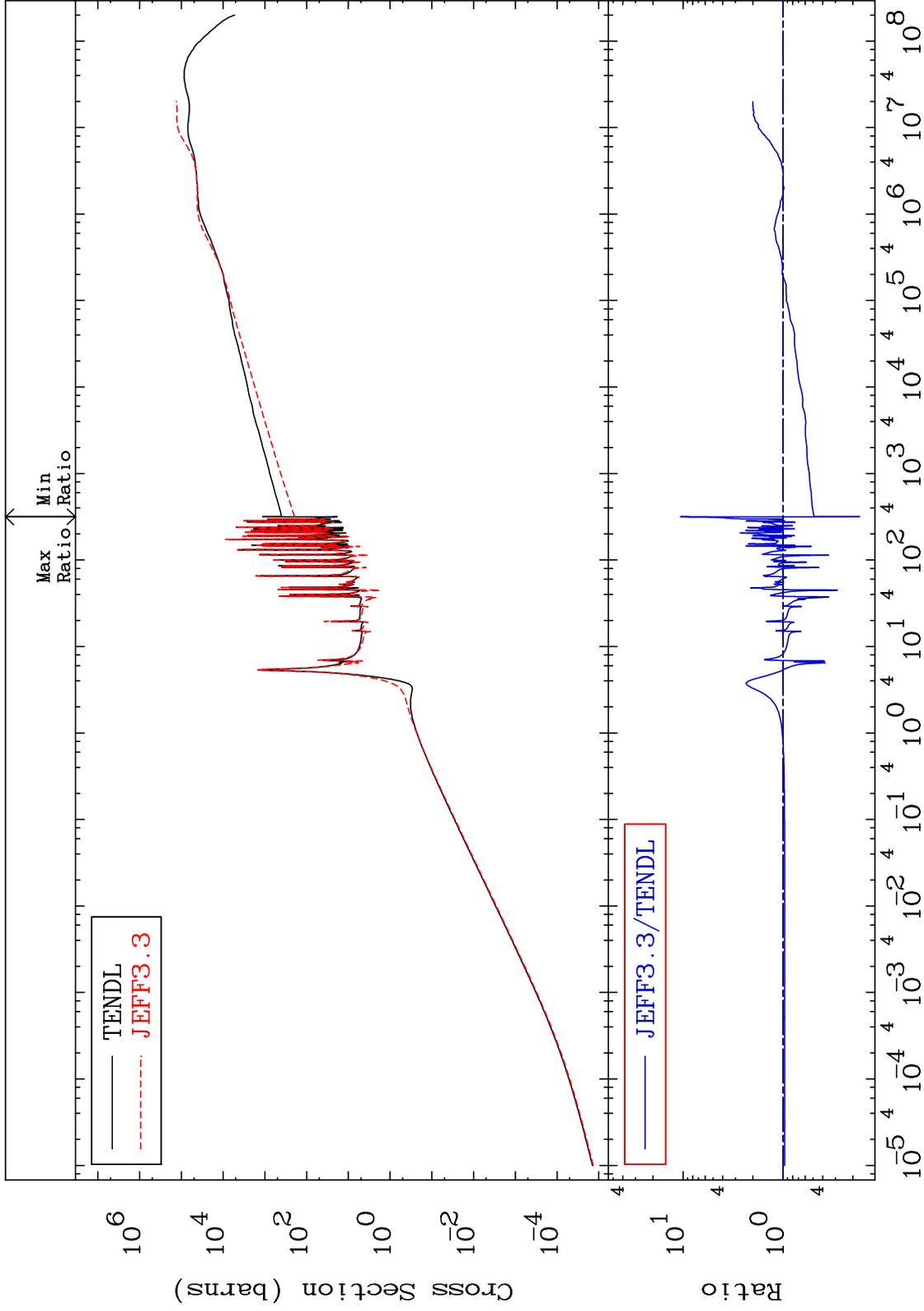
MAT 6149 Kerma total (eV-barns) Cross Section 61-Pm-147 -81.93 To 6457. %



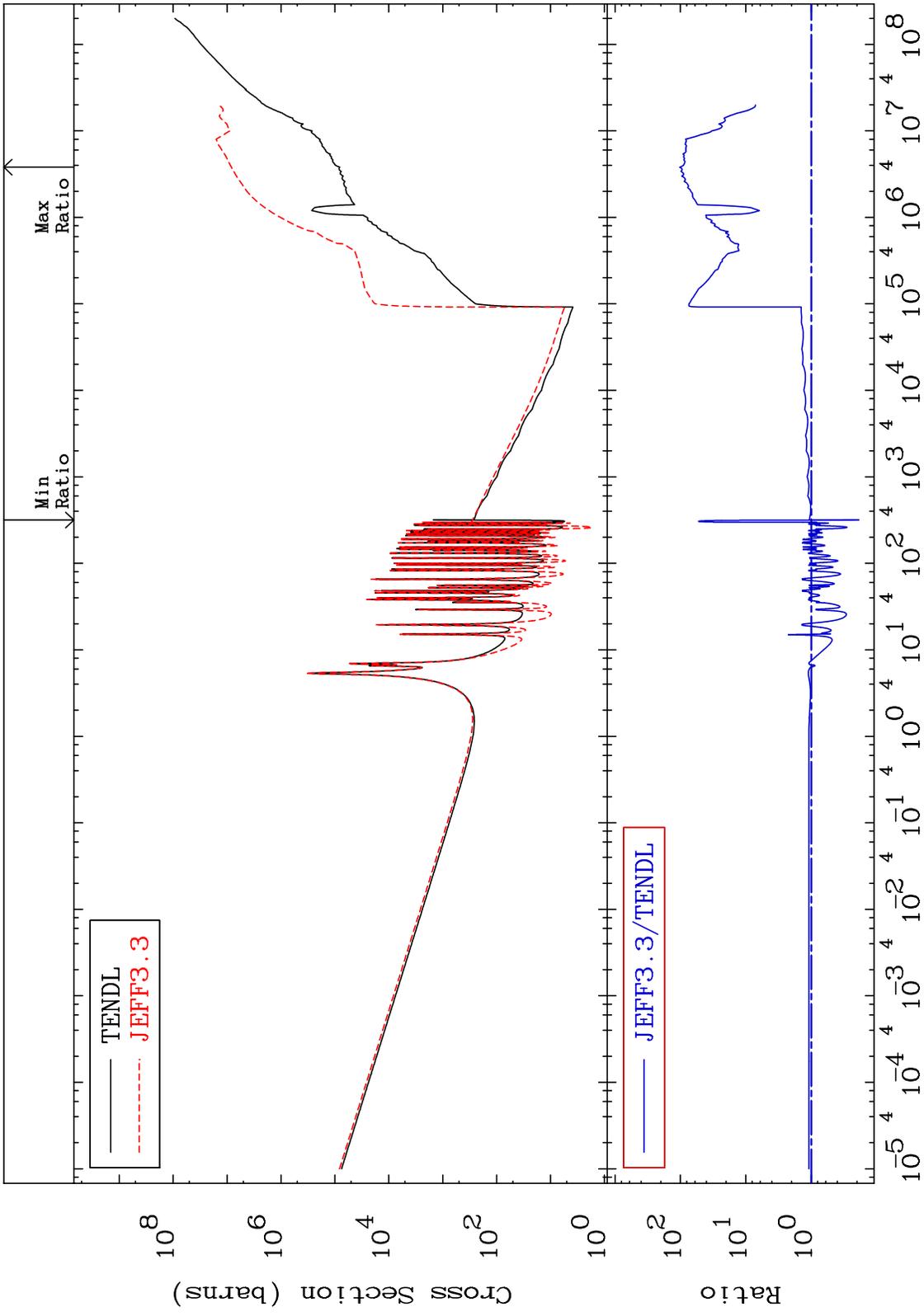
MAT 6149

Kerma elastic
Cross Section

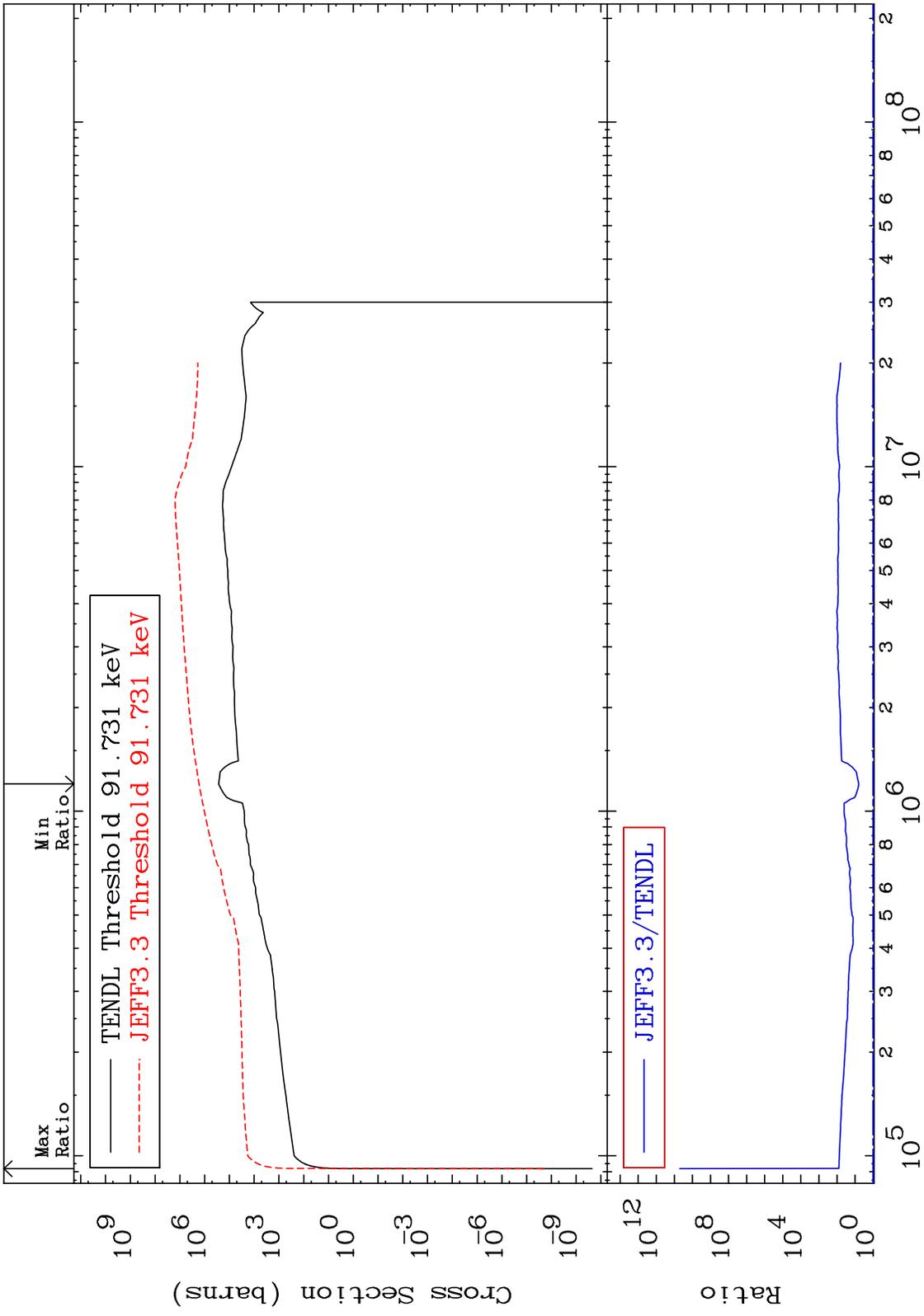
61-Pm-147
-82.91 To 953.1 %



MAT 6149 Kerma non-elastic (all but mt2) 61-Pm-147
 Cross Section -81.26 To 9999. %



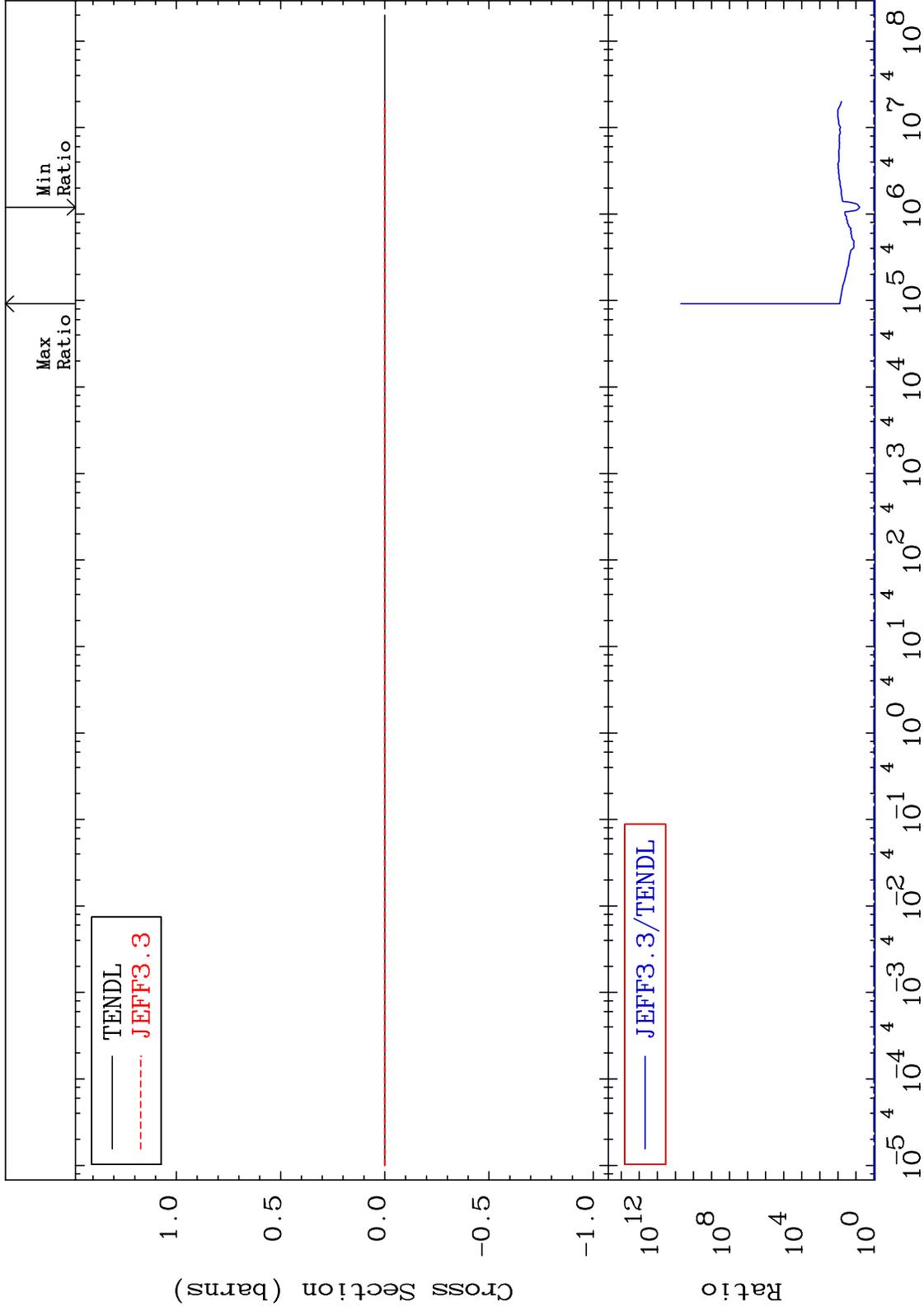
MAT 6149 Kerma inelastic (mt51-91) 61-Pm-147
 Cross Section 519.8 To 9999. %



MAT 6149

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

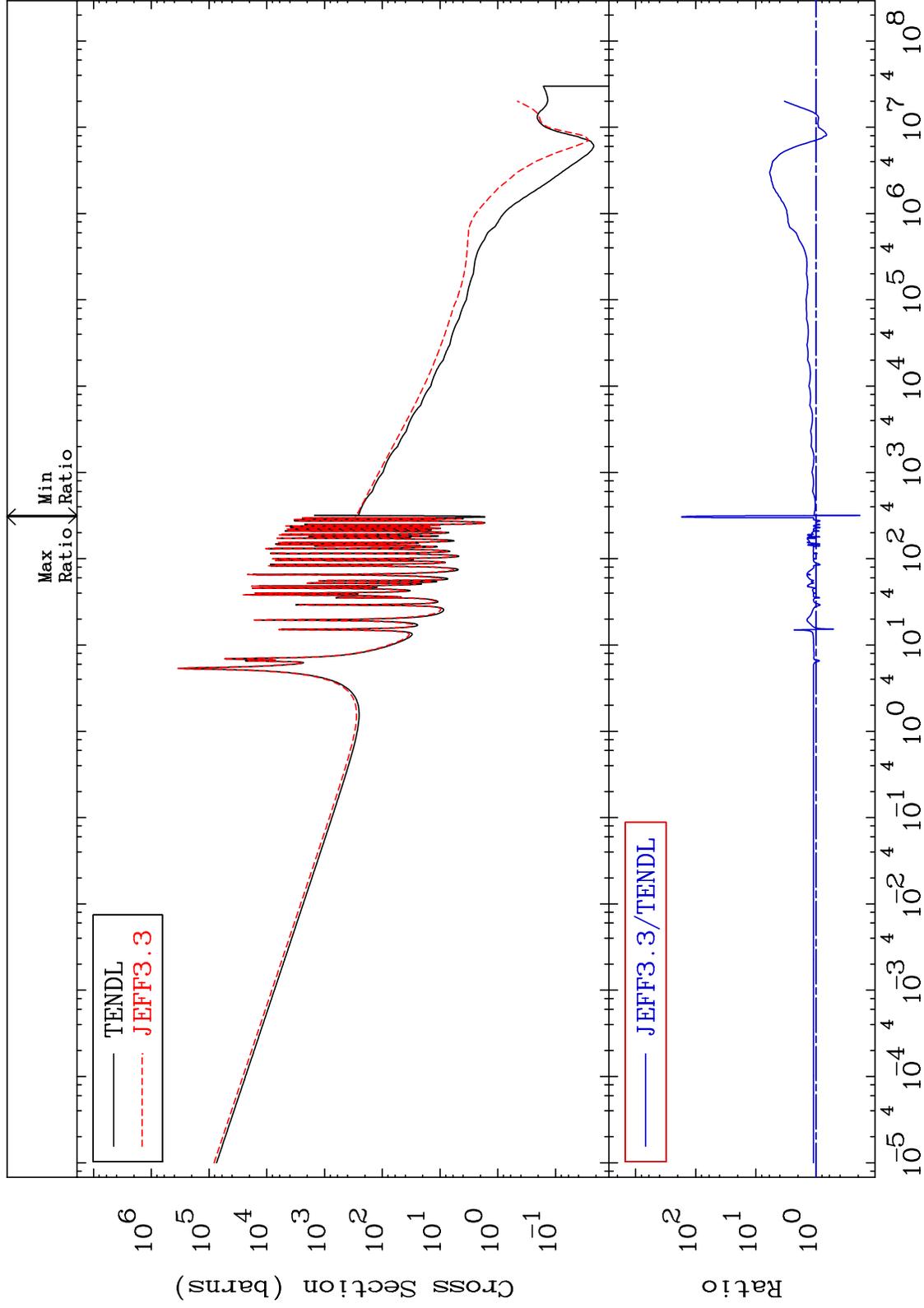
61-Pm-147
519.8 To 9999. %



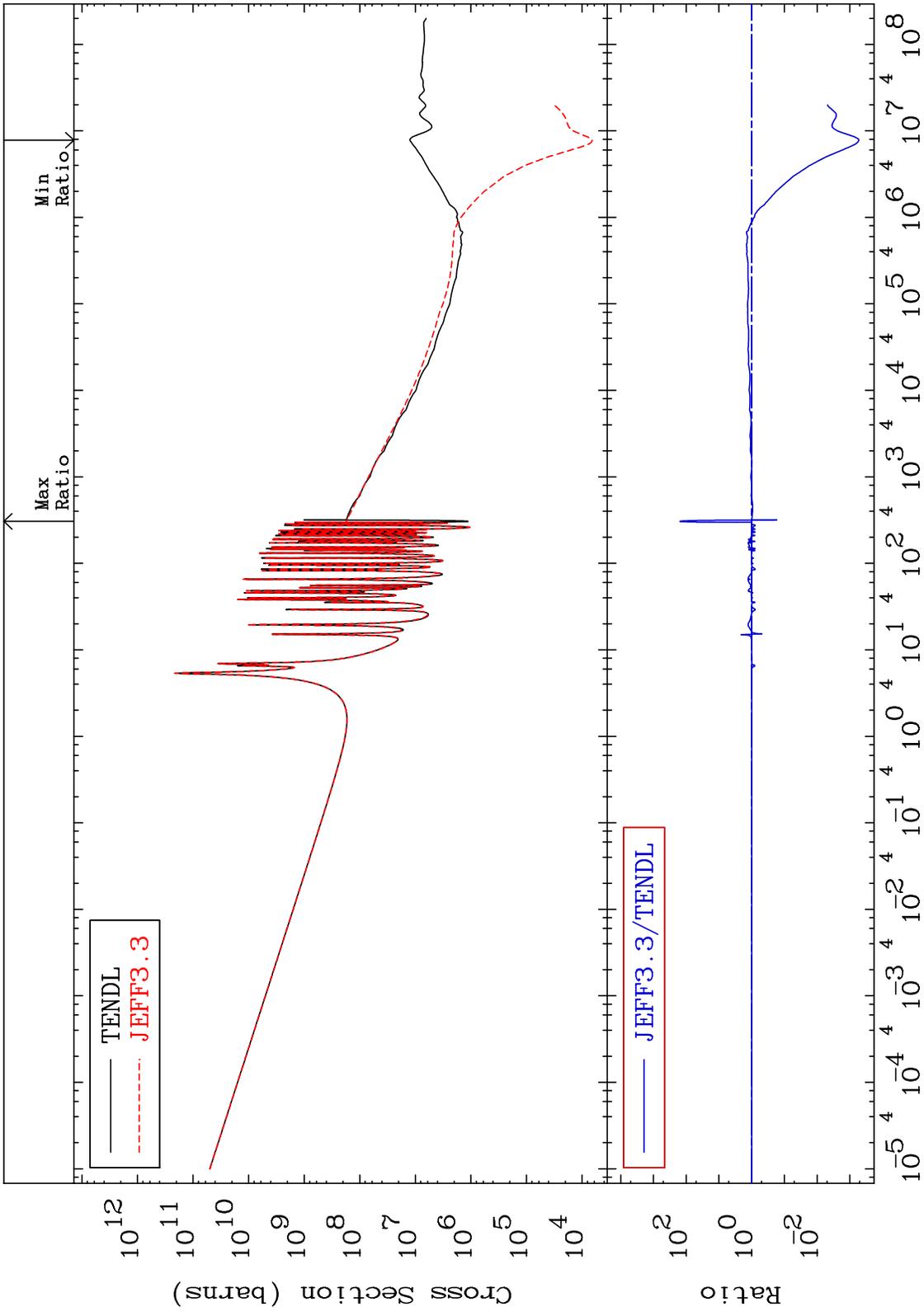
MAT 6149

Kerma capture (mt102)
Cross Section

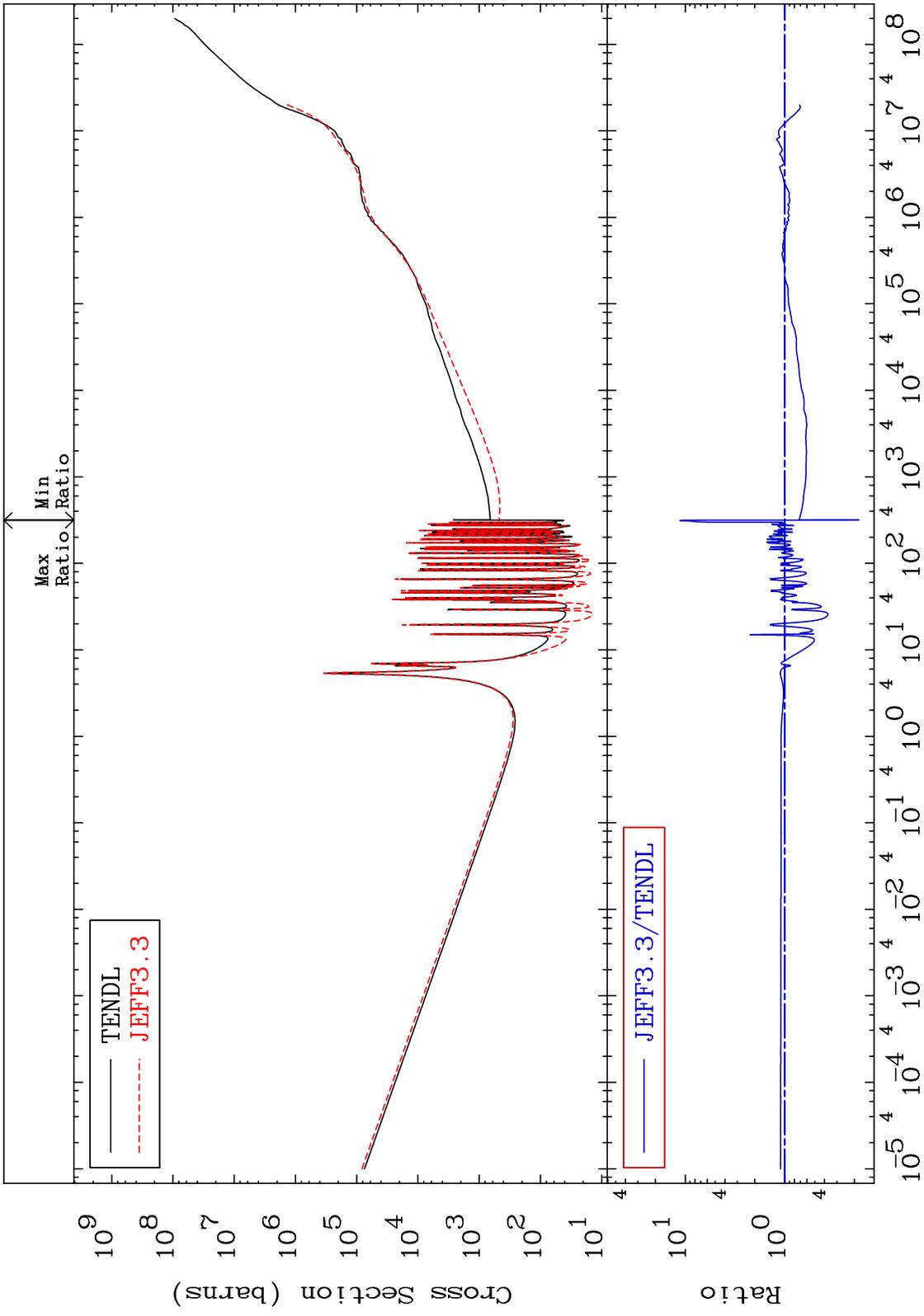
61-Pm-147
-81.21 To 9999. %



MAT 6149 61-Pm-147
 Total photon (eV-barns) Cross Section -99.95 To 9999. %



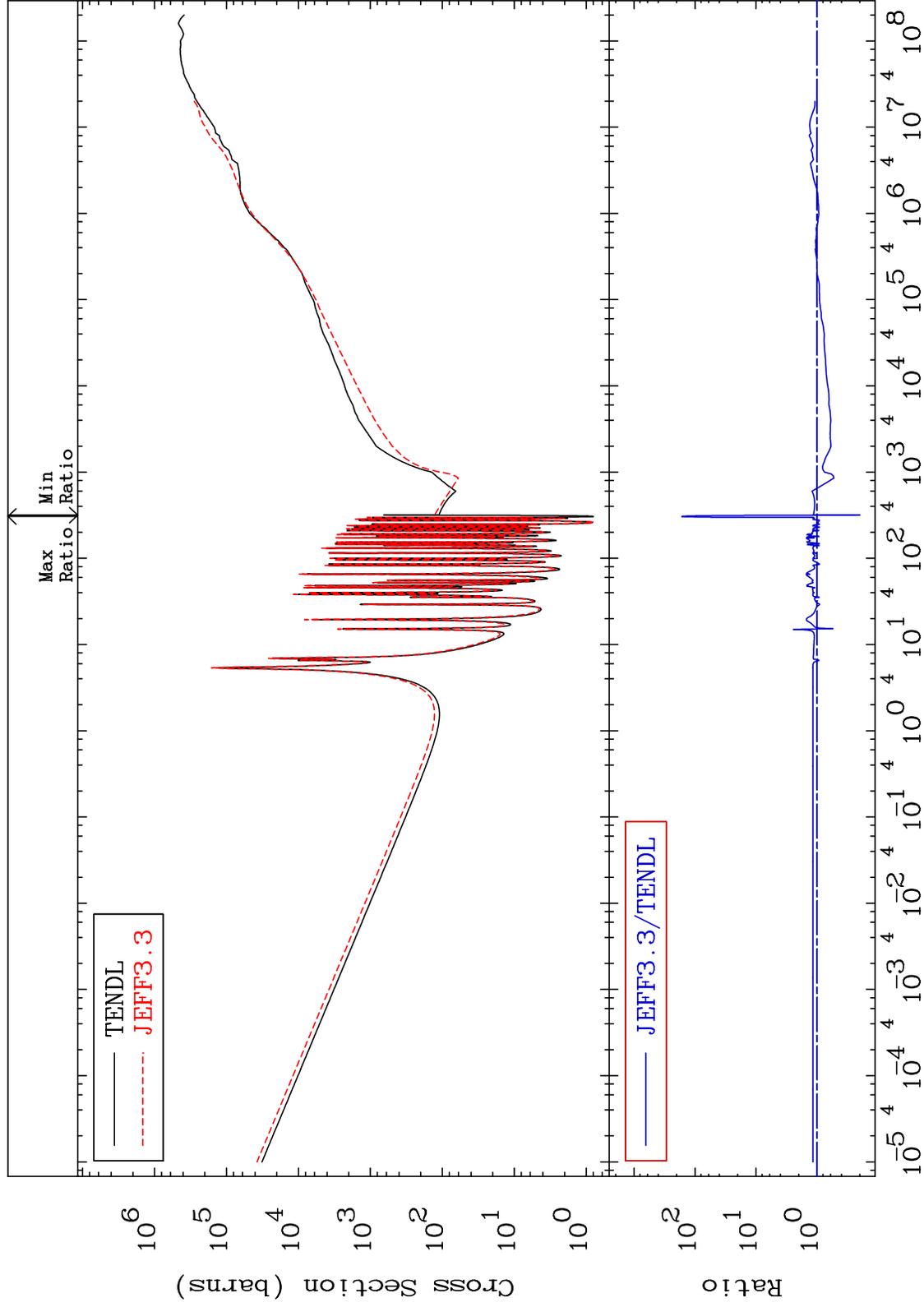
MAT 6149 Total kinematic kerma (high limit) 61-Pm-147
 Cross Section -81.93 To 1036. %



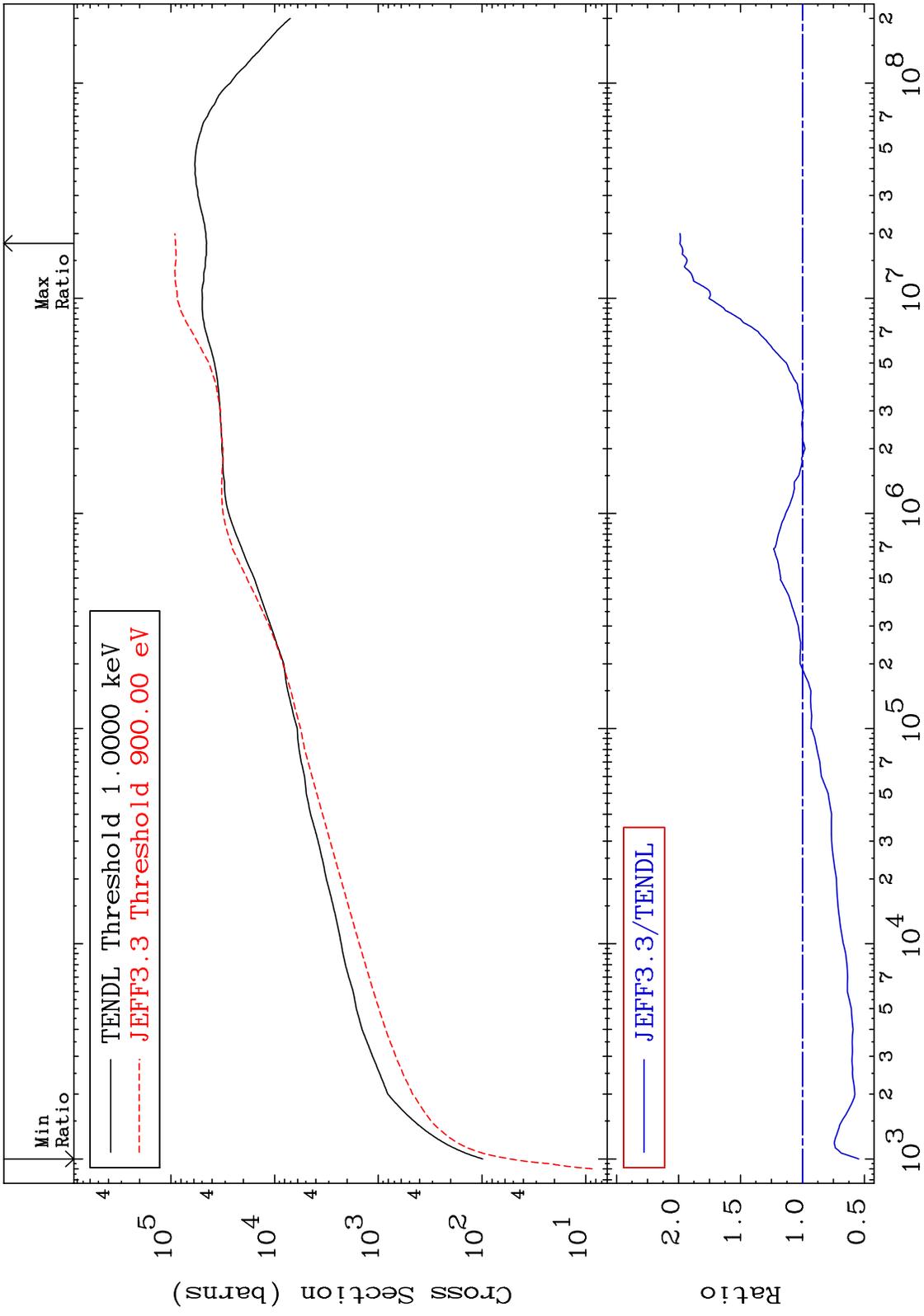
MAT 6149

Dpa total (eV-barns)
Cross Section

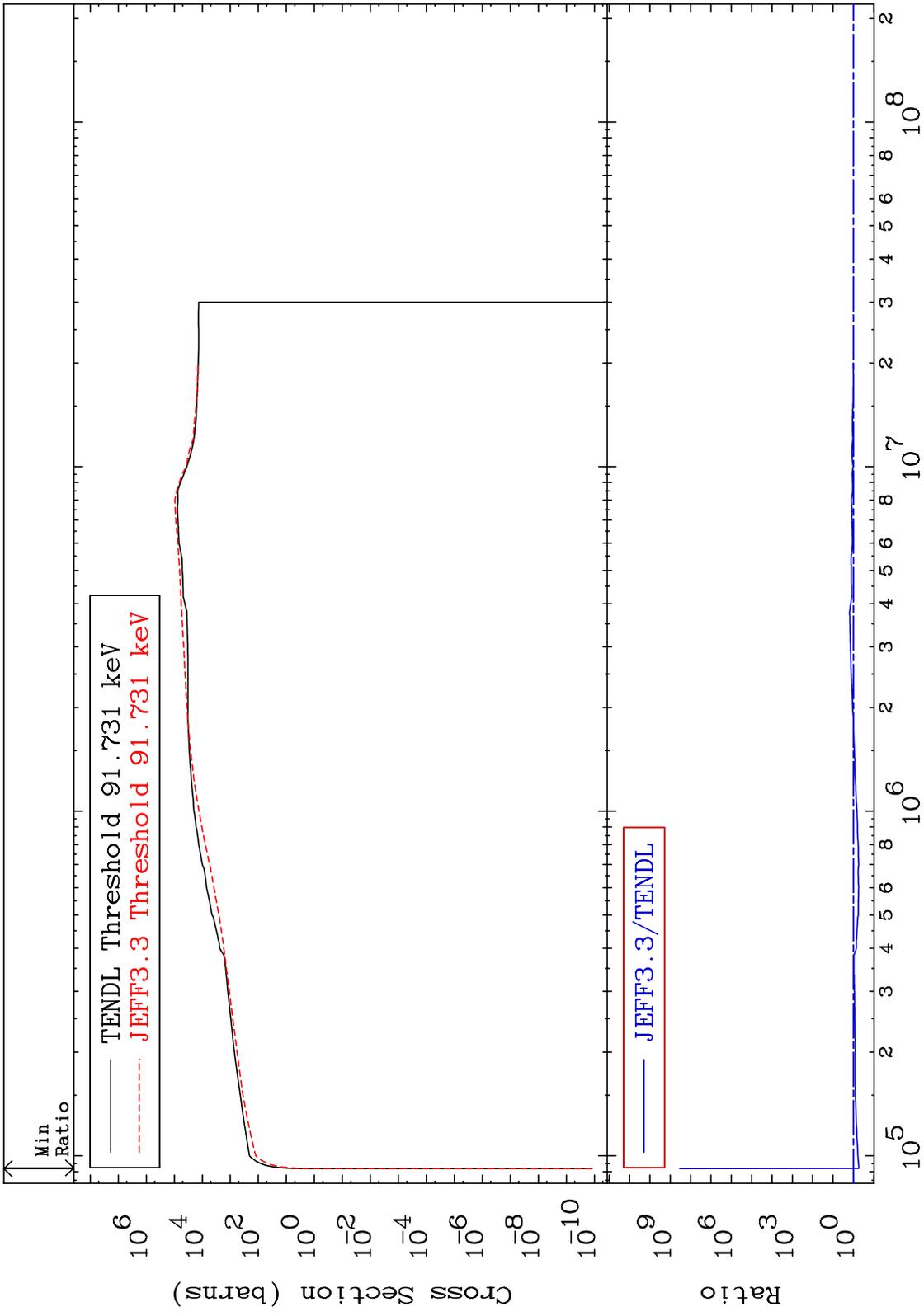
61-Pm-147
-80.07 To 9999. %



MAT 6149 Dpa elastic (mt2) 61-Pm-147
 Cross Section -45.51 To 98.99 %



MAT 6149 Dpa inelastic (mt51-91) 61-Pm-147
 Cross Section -46.02 To 9999. %



MAT 6149 Dpa disappearance (mt102 -120) 61-Pm-147
 Cross Section -80.07 To 9999. %

