

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

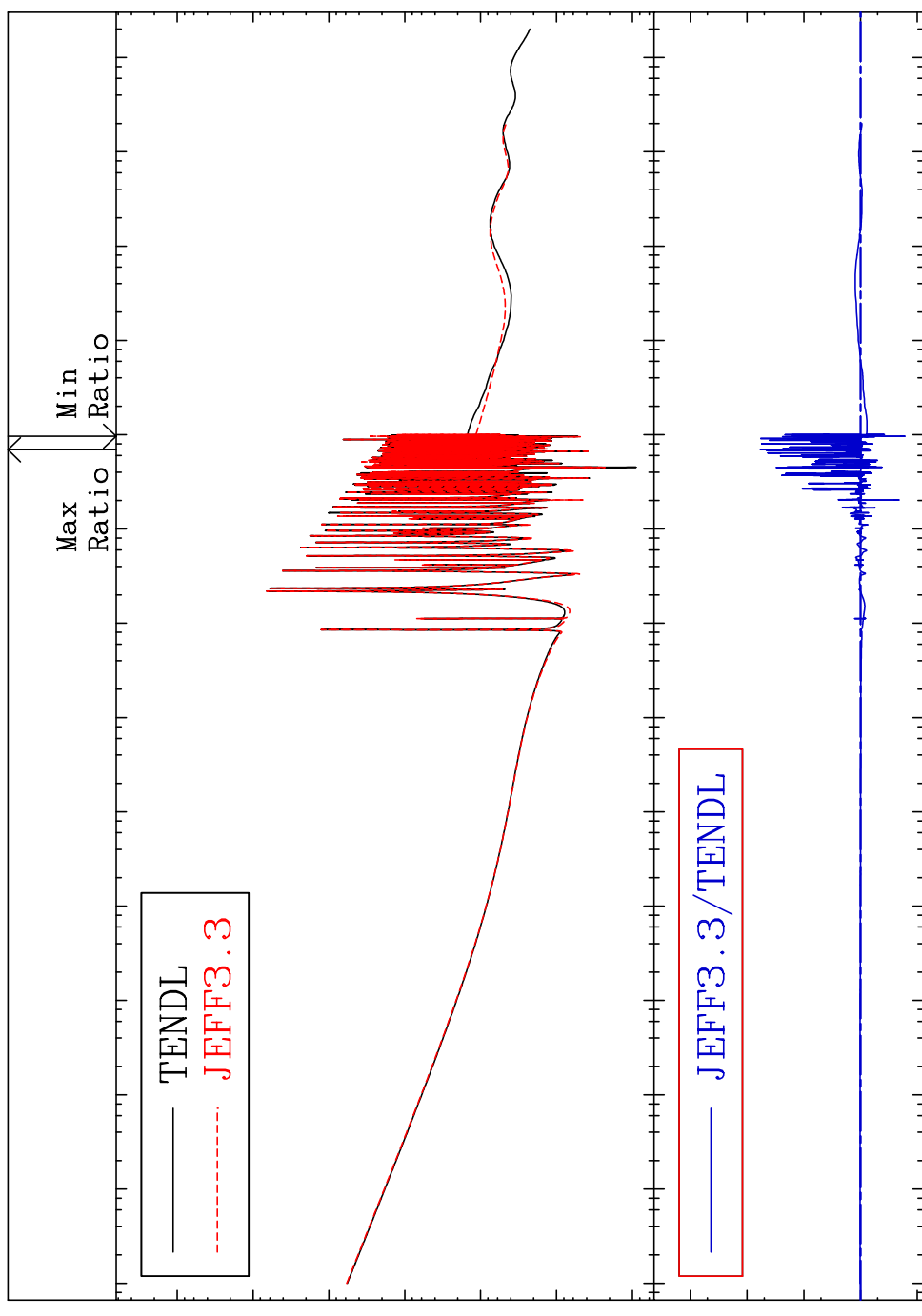
MAT 5925

Total

59-Pr-141

Cross Section

-83.73 To 5781. %



10⁵
10⁴
10³
10²
10¹
10⁰
10⁻¹
Ratio
10²
10⁰

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

1

Incident Energy (eV)

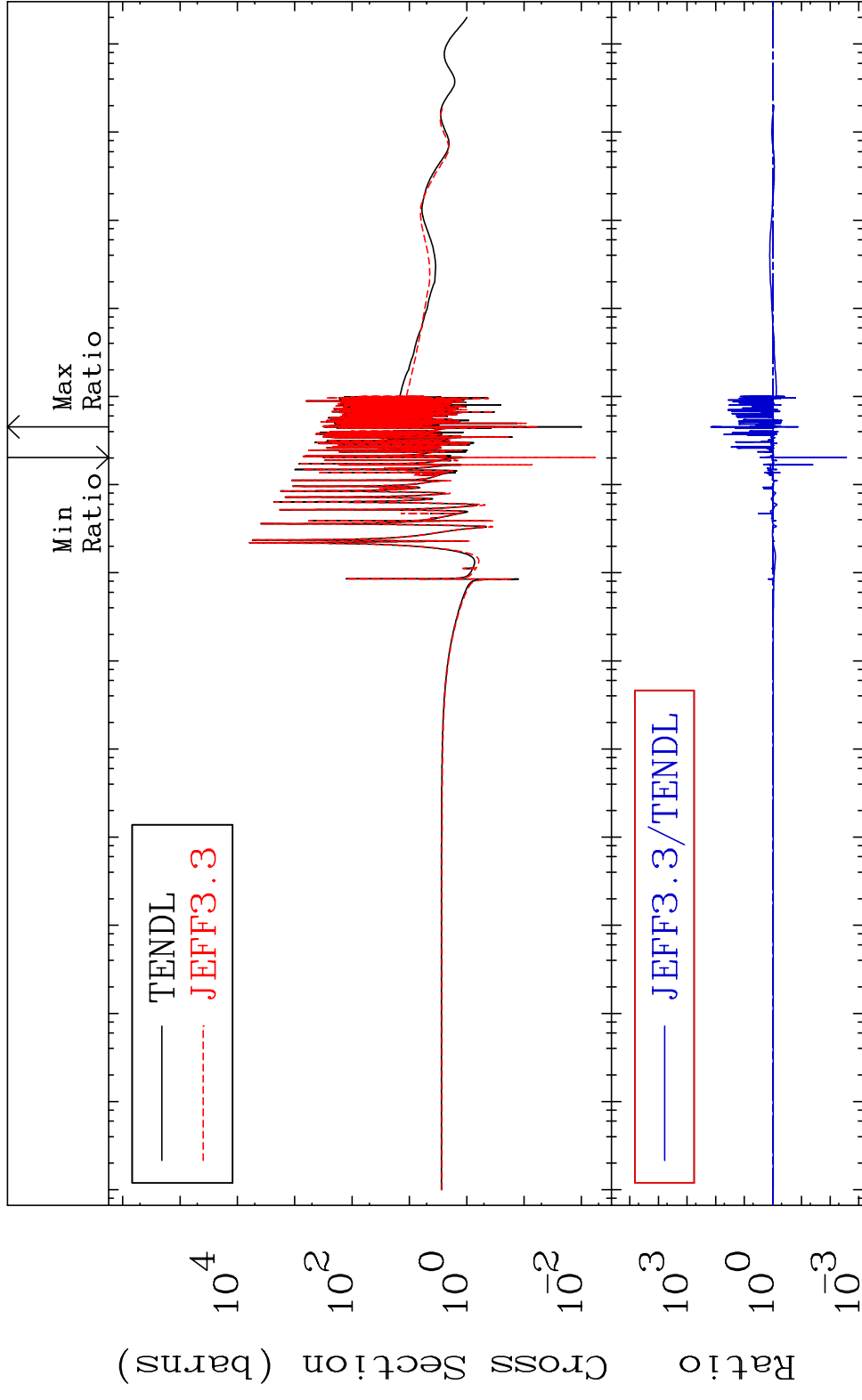
59-Pr-141

MAT 5925

Elastic

59-Pr-141

Cross Section -99.73 To 9999. %



2

Incident Energy (eV)

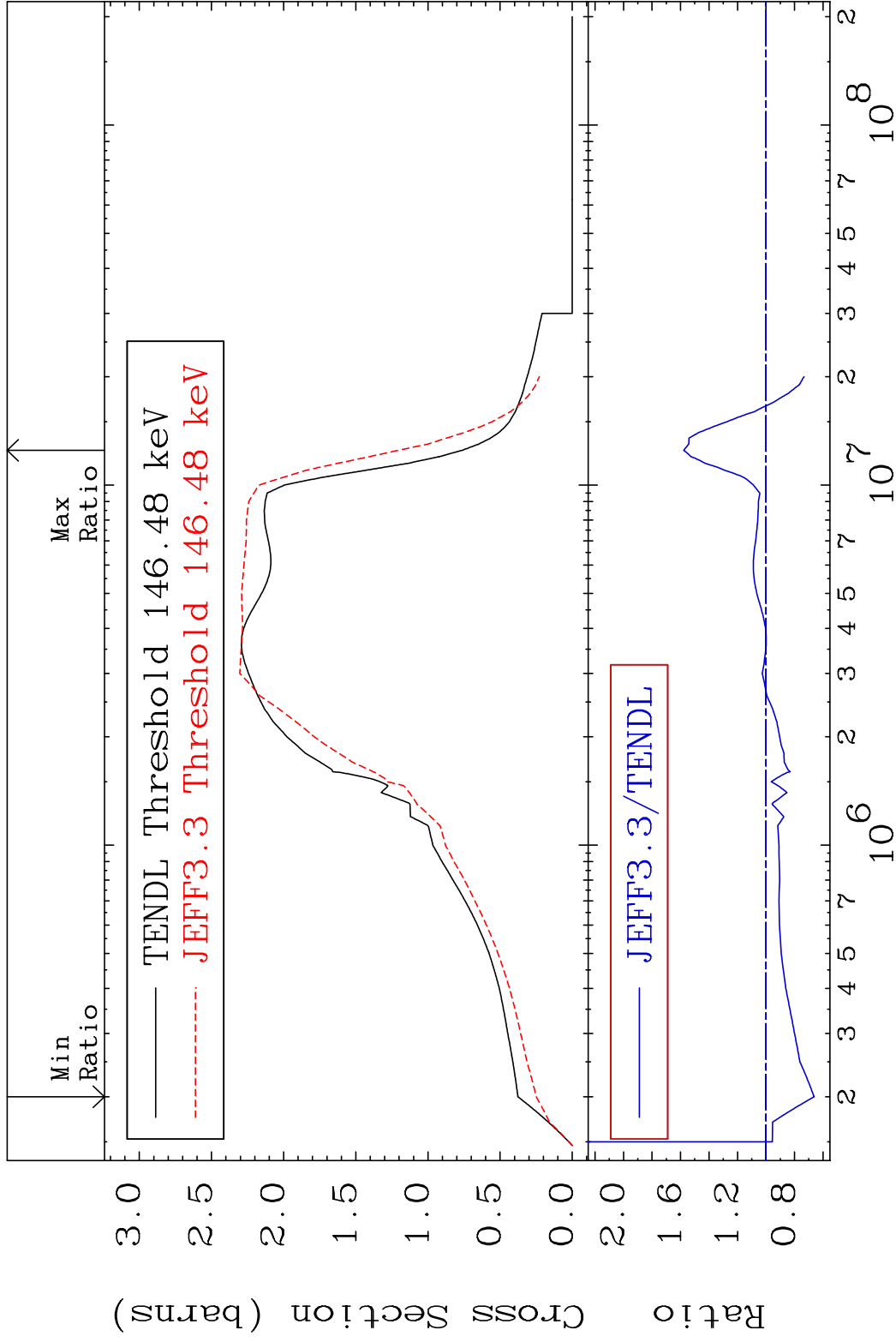
59-Pr-141

MAT 5925

Inelastic

59-Pr-141

Cross Section -33.77 To 57.79 %



3

Incident Energy (eV)

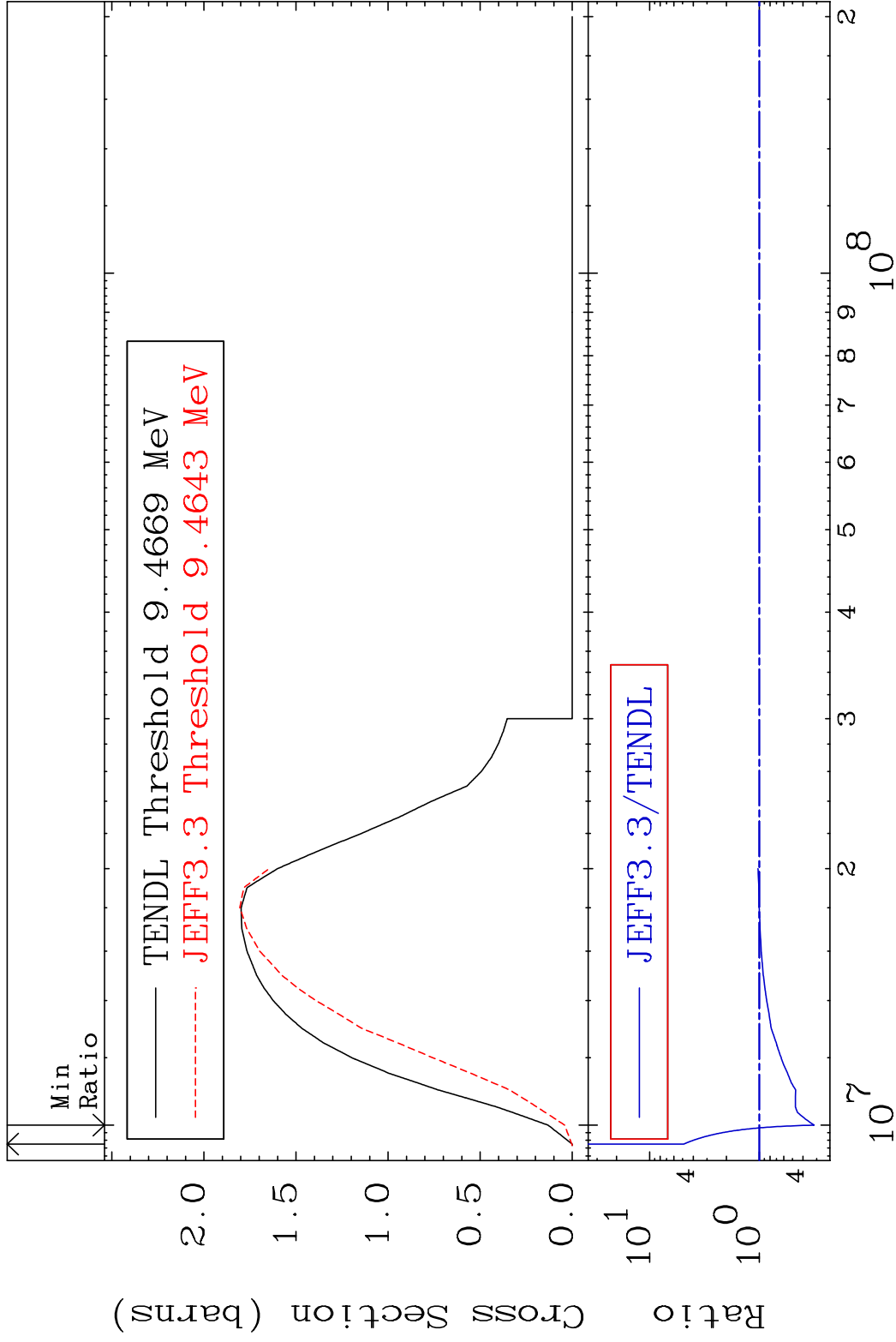
59-Pr-141

MAT 5925

(n,2n)

59-Pr-141

Cross Section -68.28 To 389.2 %



4

Incident Energy (eV)

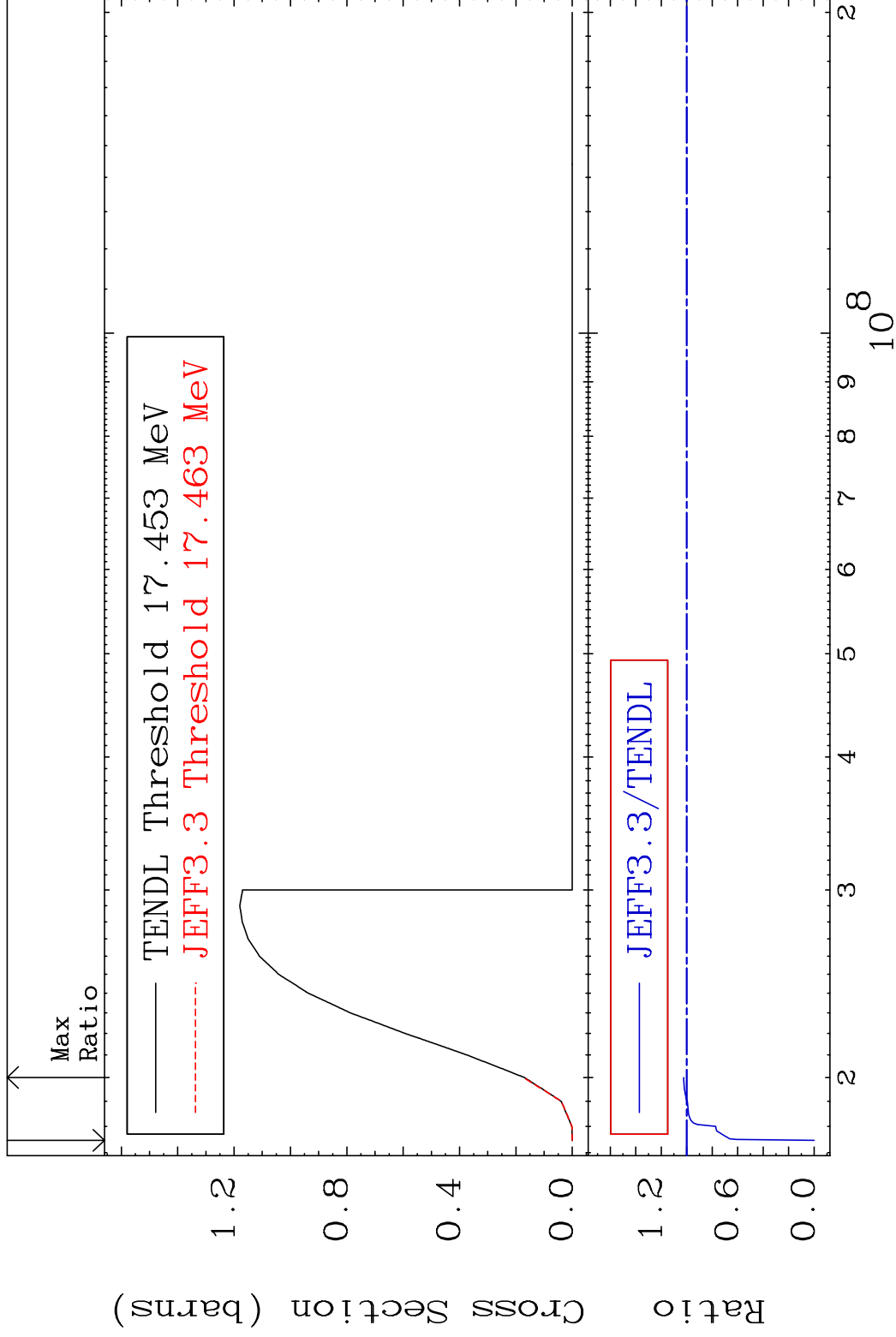
59-Pr-141

MAT 5925

(n,3n)

59-Pr-141

Cross Section -100.0 To 2.404 %



5

Incident Energy (eV)

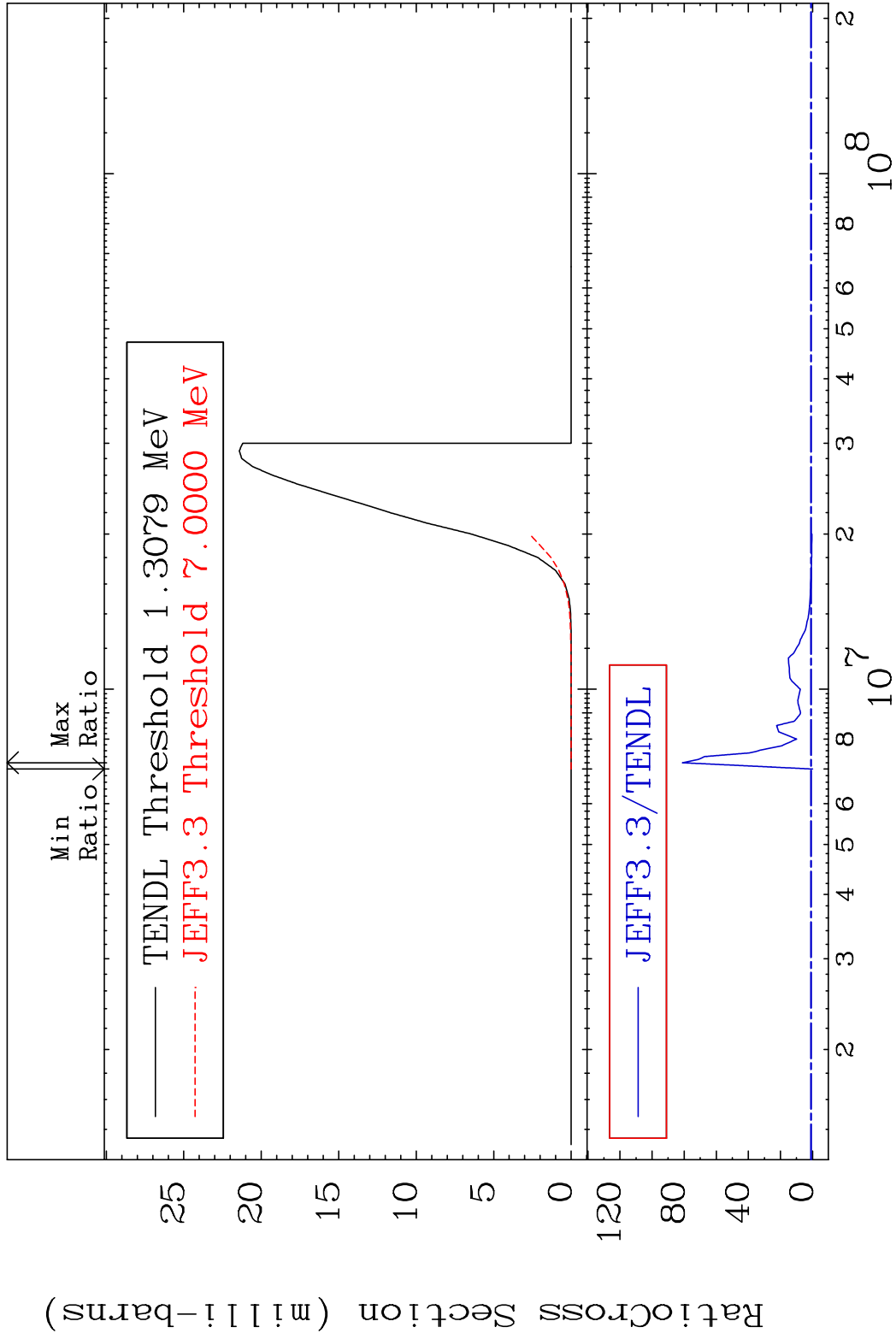
59-Pr-141

MAT 5925

(n, n') α

59-Pr-141

Cross Section -100.0 To 8013. %

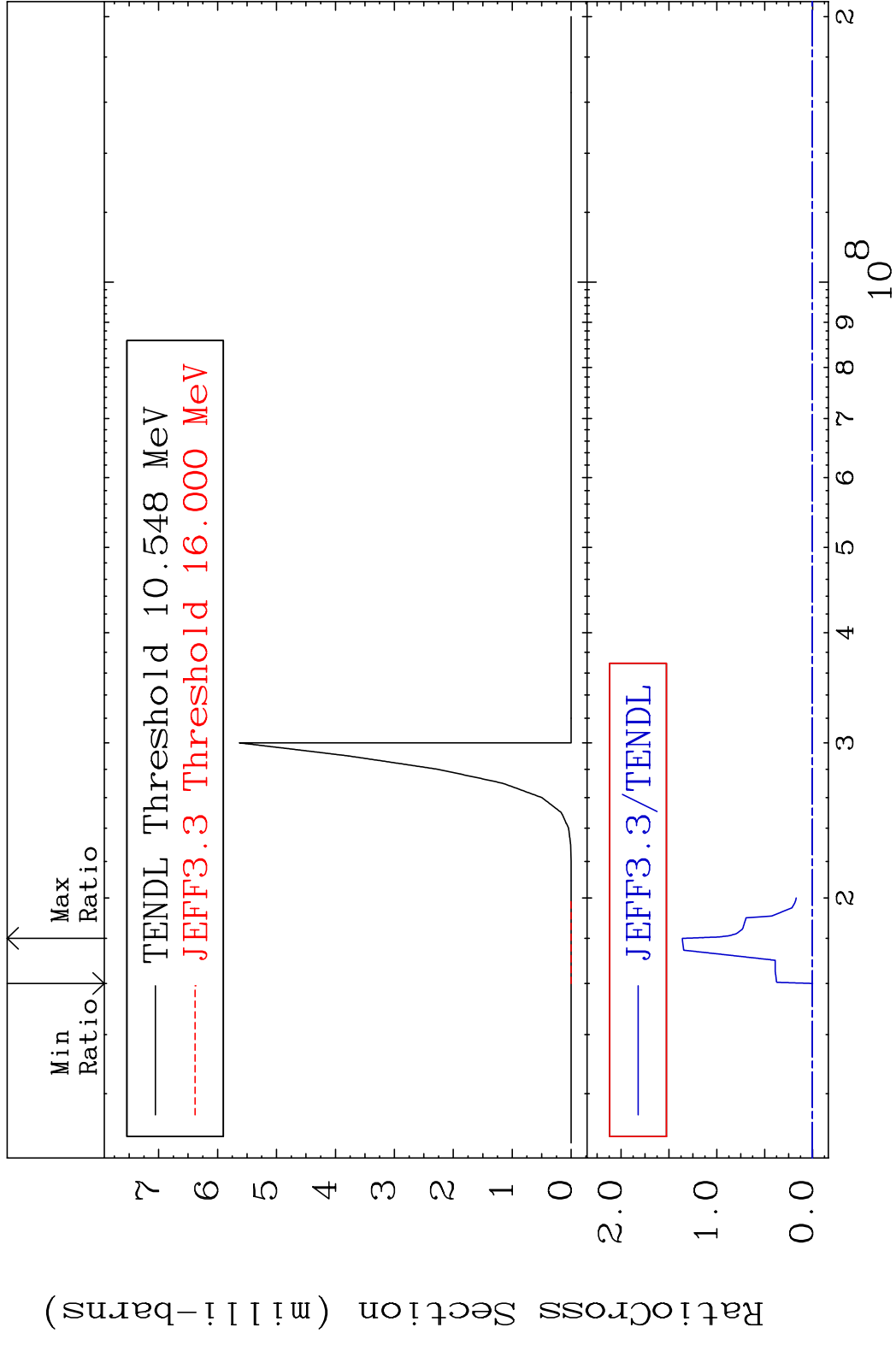


MAT 5925

(n,2n) α

59-Pr-141

Cross Section -100.0 To 9999. %

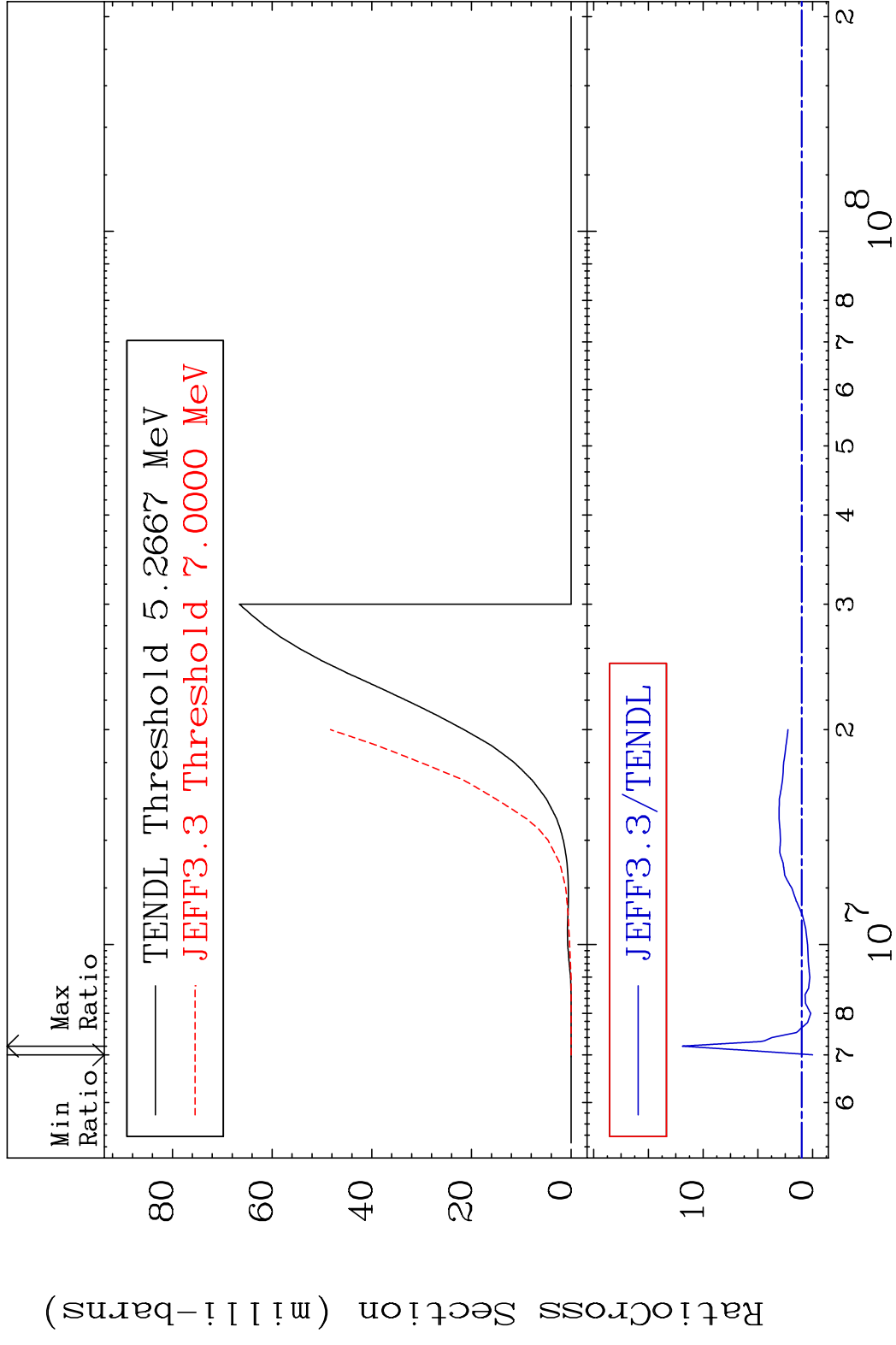


MAT 5925

(n, n') p

59-Pr-141

Cross Section -100.0 To 1089. %

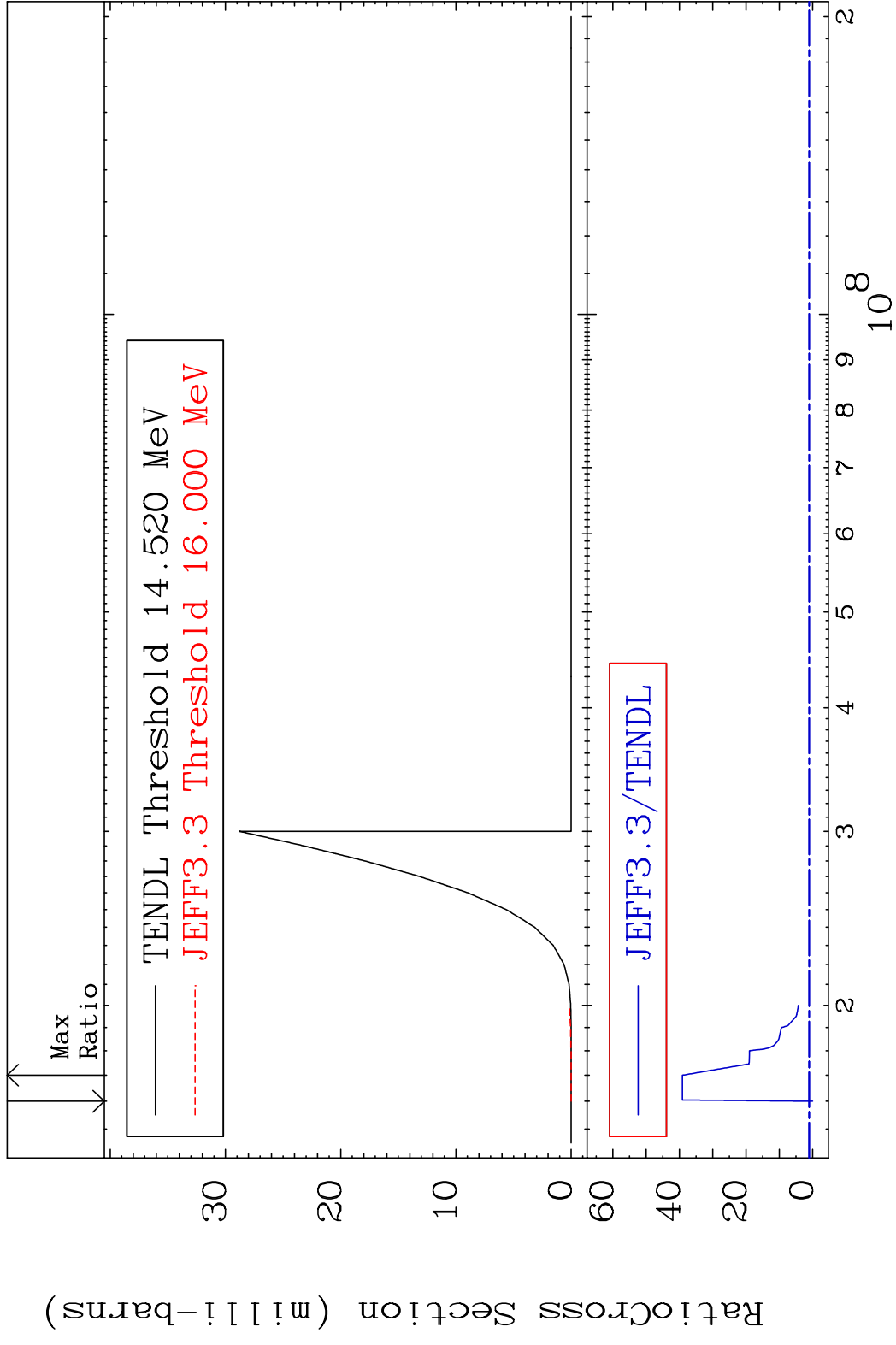


MAT 5925

(n,2n) p

59-Pr-141

Cross Section -100.0 To 3810. %

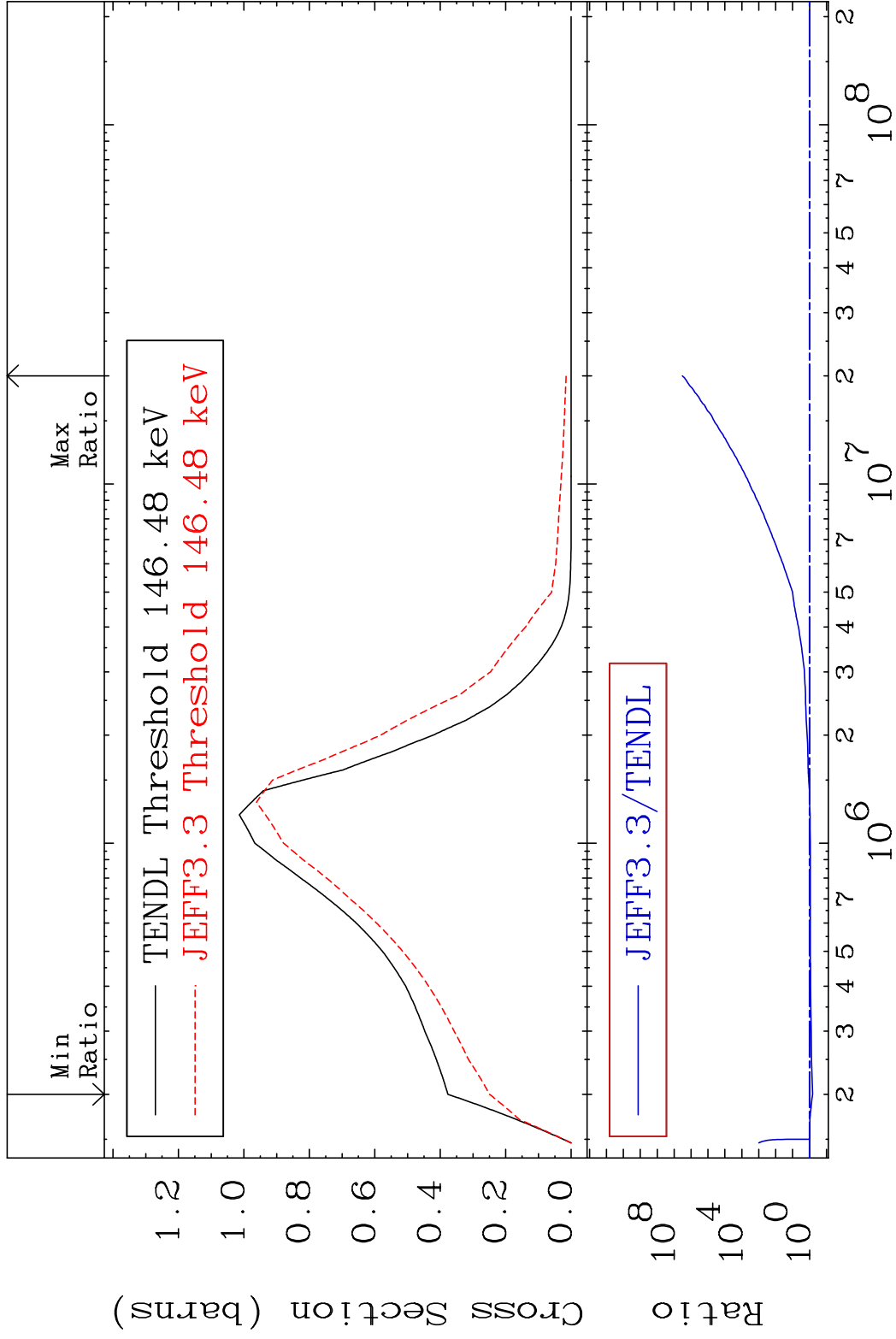


MAT 5925

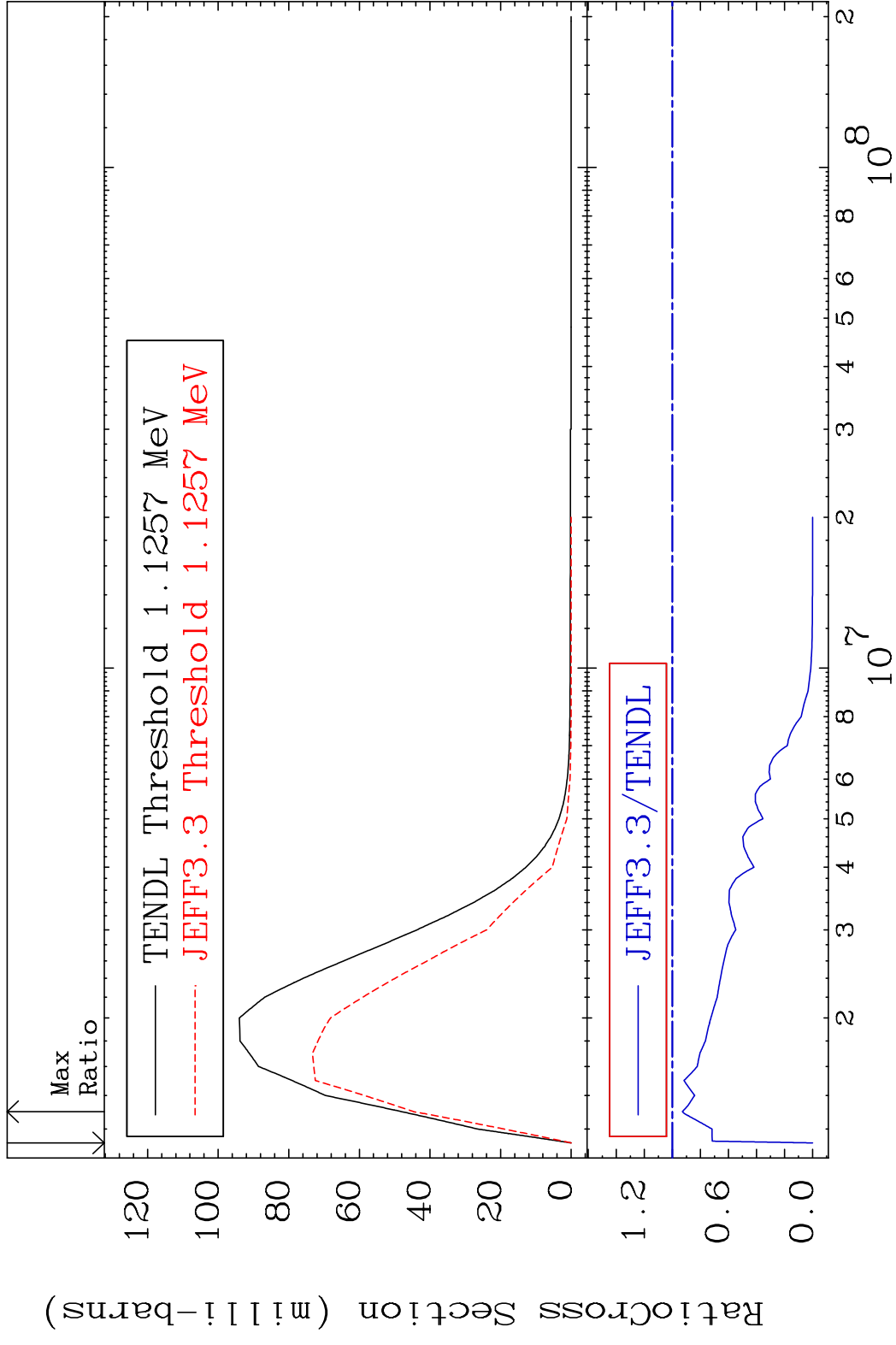
MT= 51 (n,n') Level

59-Pr-141

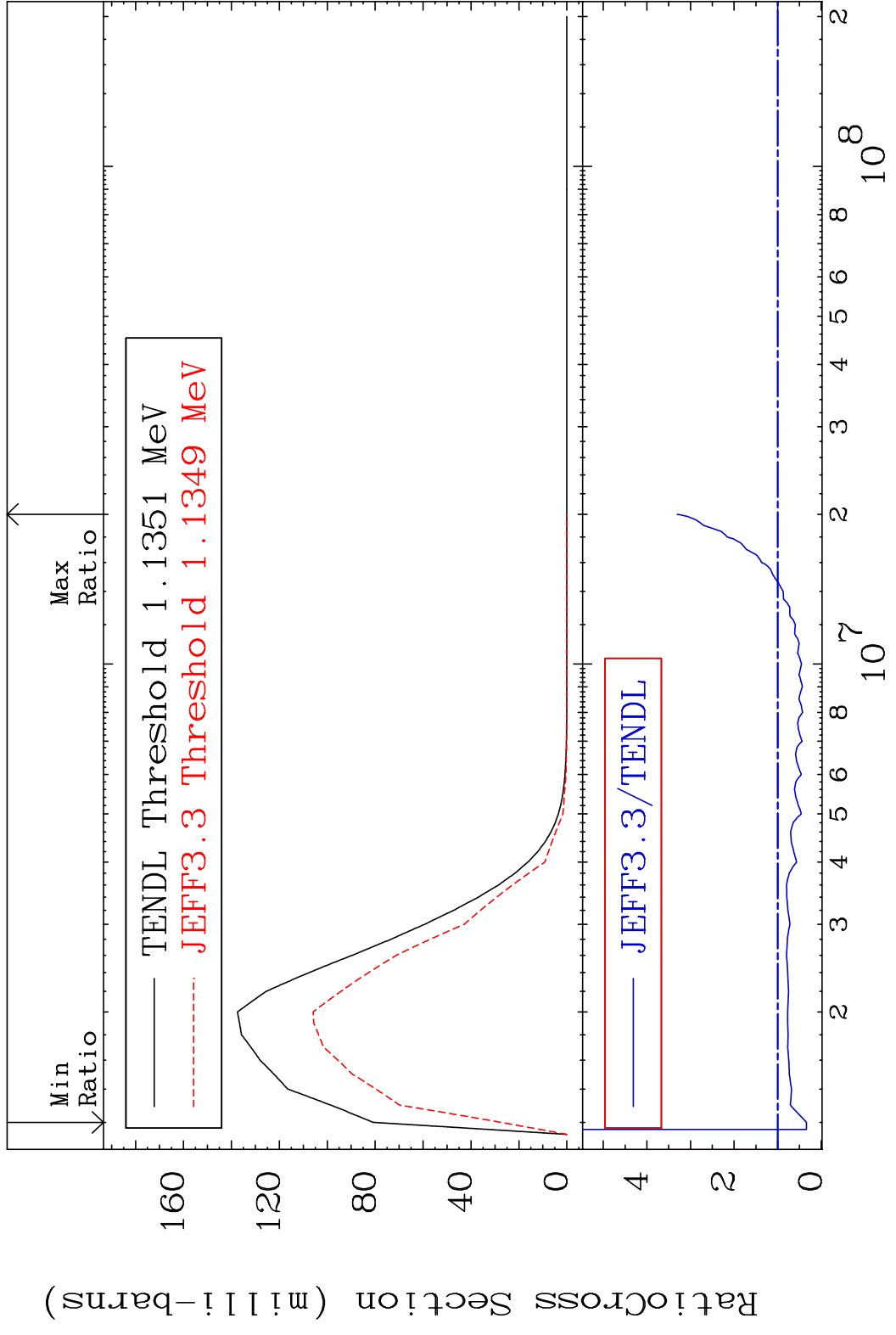
Cross Section -33.77 To 9999. %



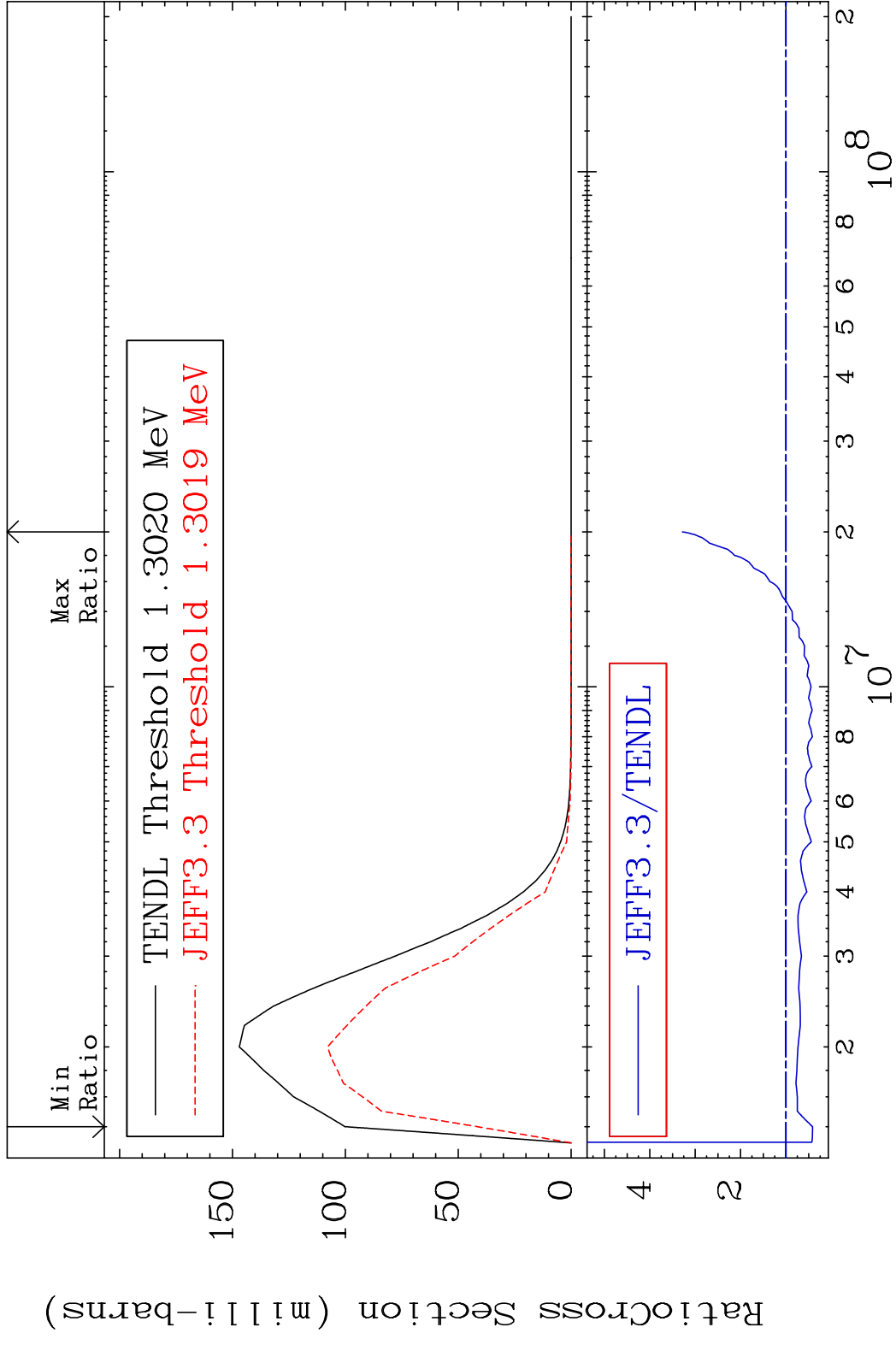
MAT 5925 MT= 52 (n, n') Level 59-Pr-141
 Cross Section -100.0 To -7.111%



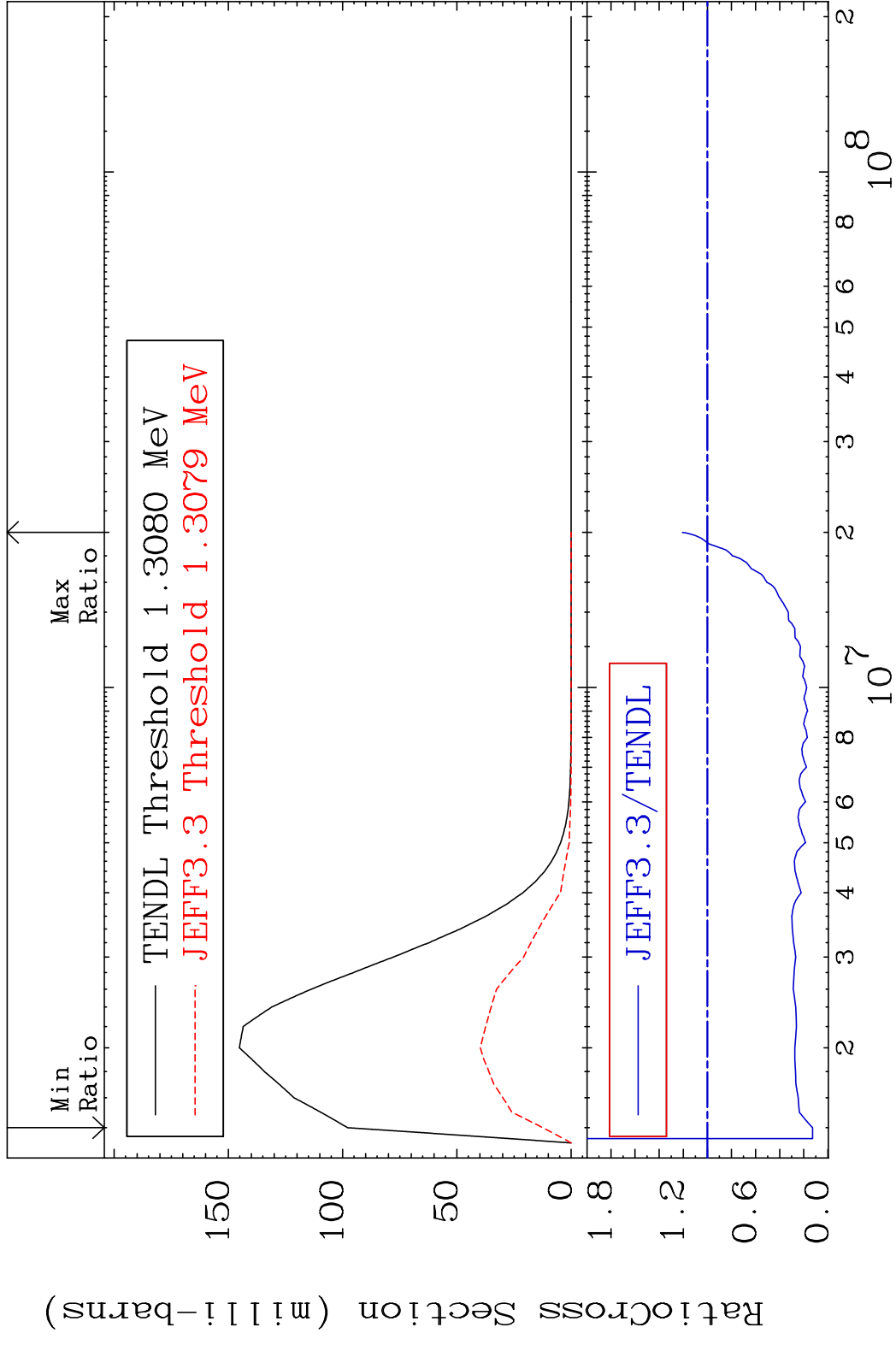
MAT 5925 MT= 53 (n, n') Level 59-Pr-141
 Cross Section -65.89 To 230.5 %



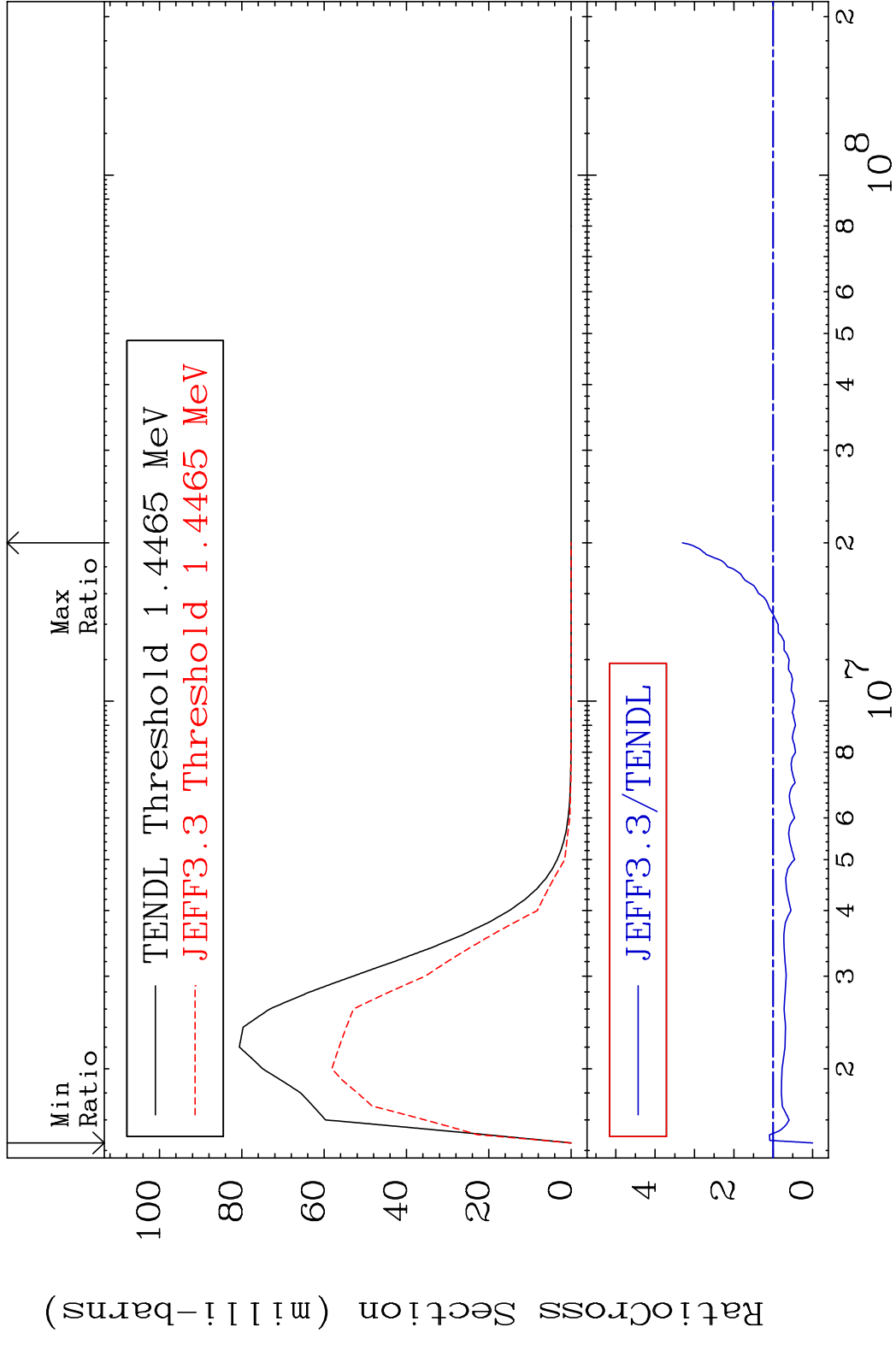
MAT 5925 MT= 54 (n, n') Level 59-Pr-141
 Cross Section -58.47 To 228.3 %



MAT 5925 MT= 55 (n, n') Level 59-Pr-141
 Cross Section -87.29 To 20.76 %



MAT 5925 MT= 56 (n, n') Level 59-Pr-141
 Cross Section -100.0 To 230.7 %

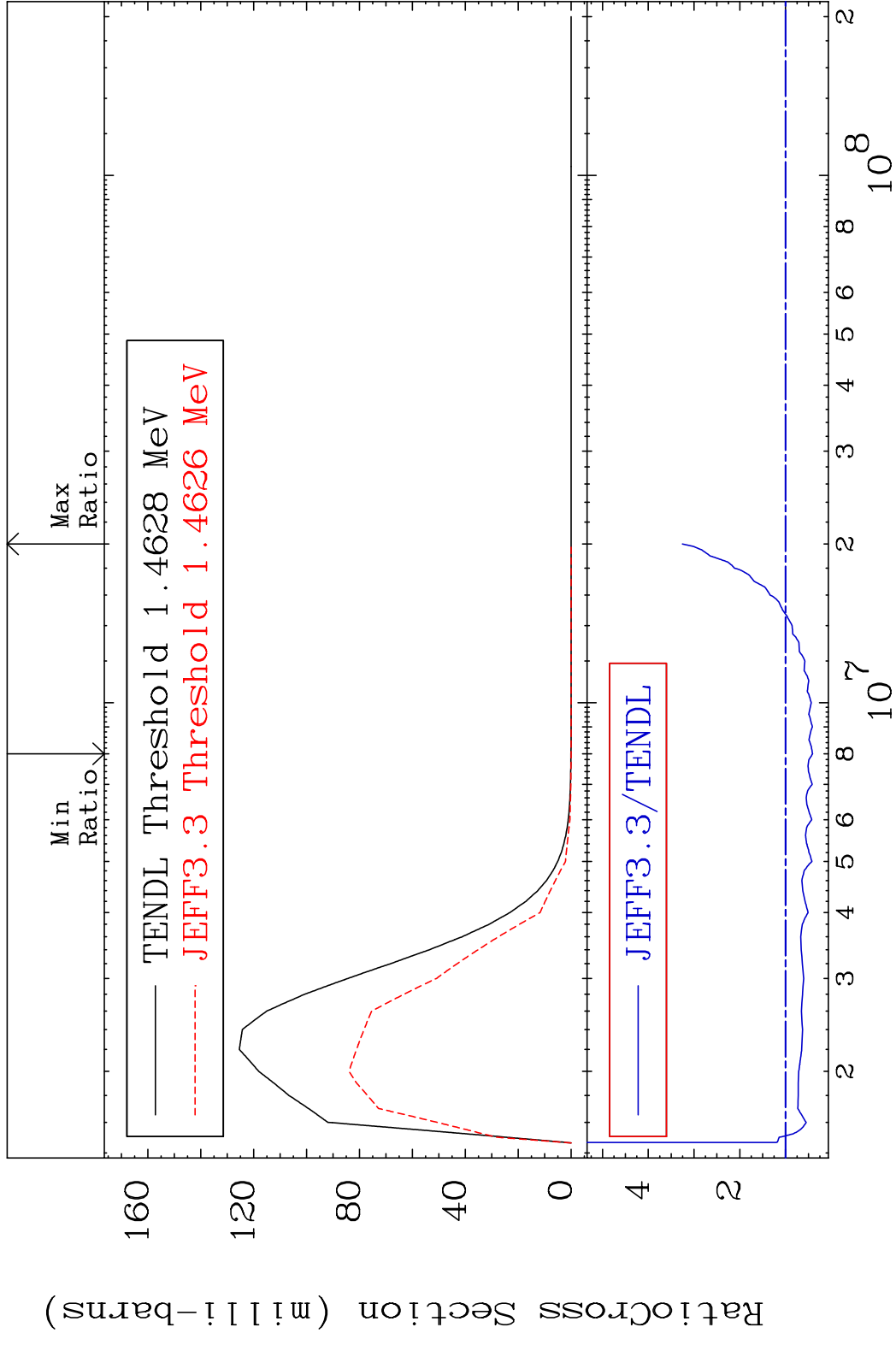


MAT 5925

MT= 57 (n, n') Level

59-Pr-141

Cross Section -58.99 To 225.5 %

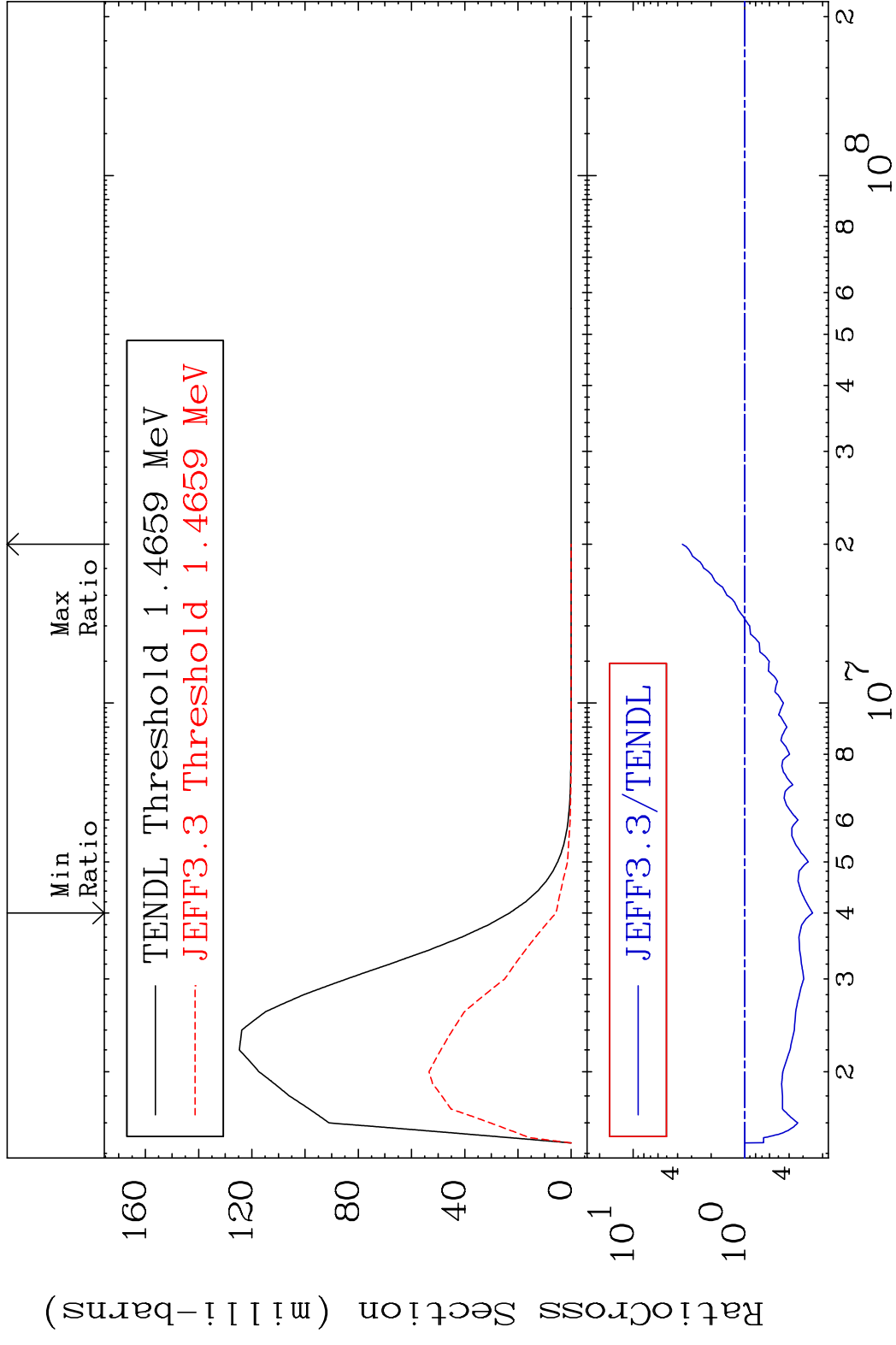


MAT 5925

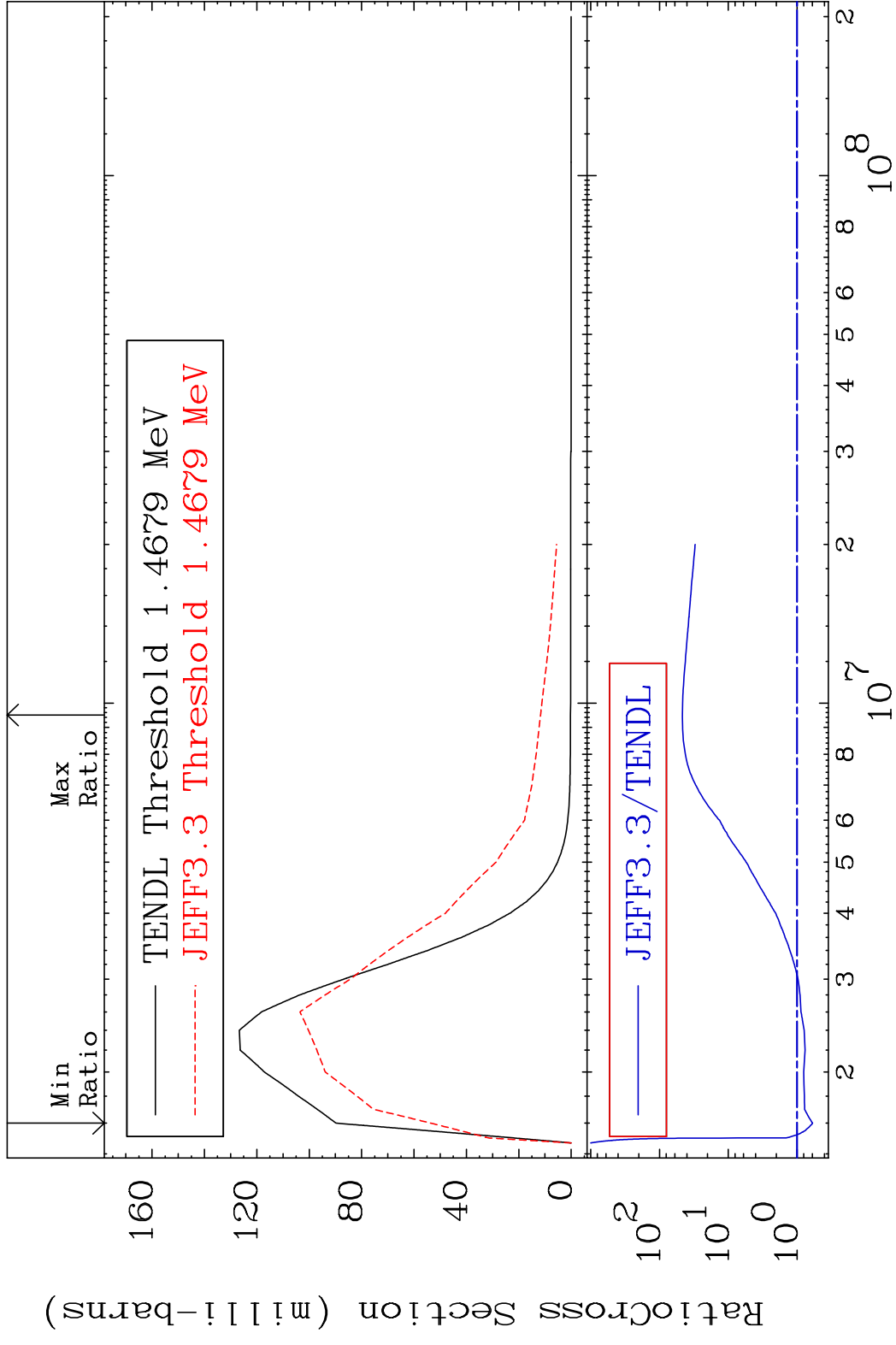
MT= 58 (n, n') Level

59-Pr-141

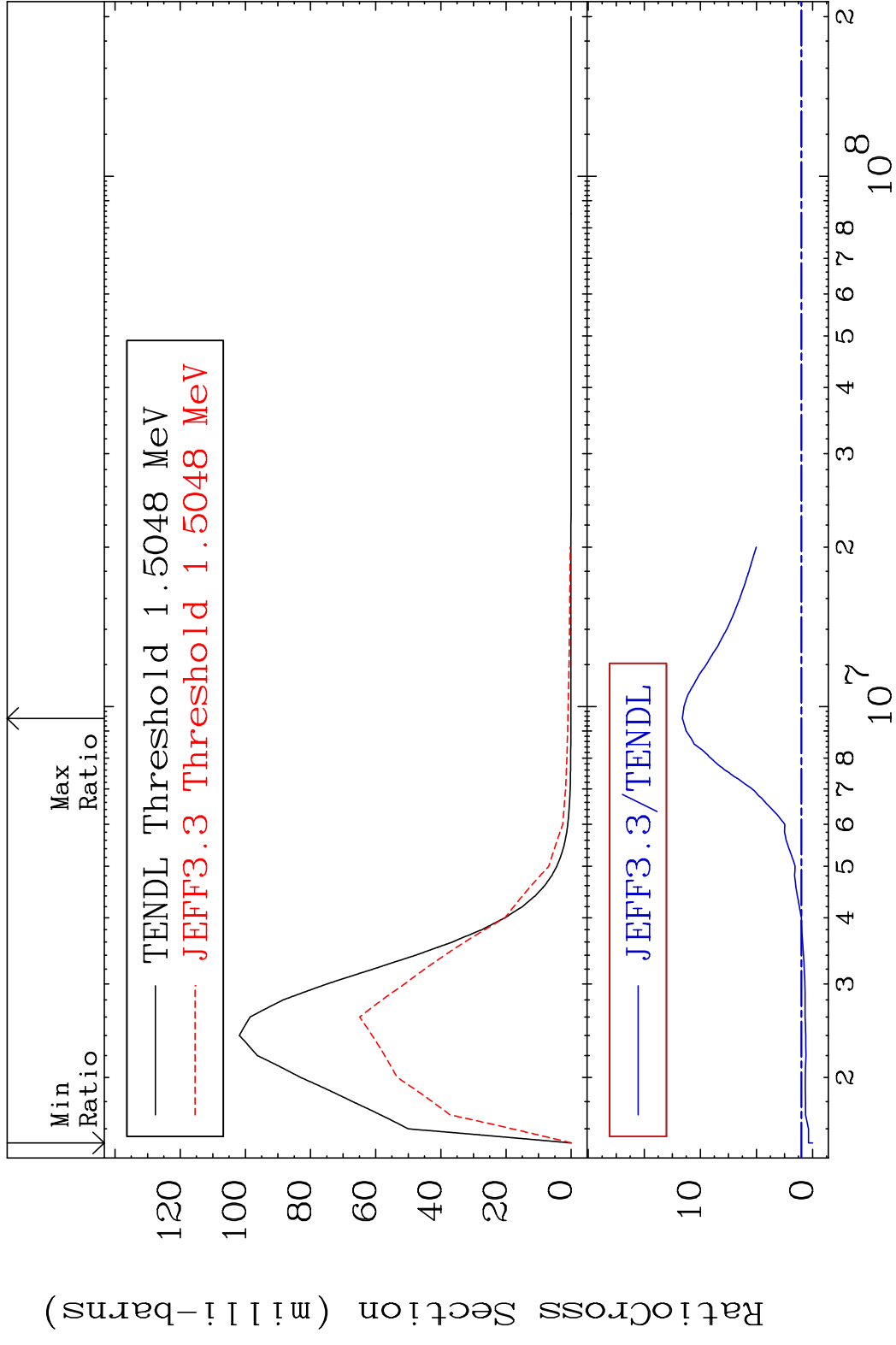
Cross Section -75.34 To 262.2 %



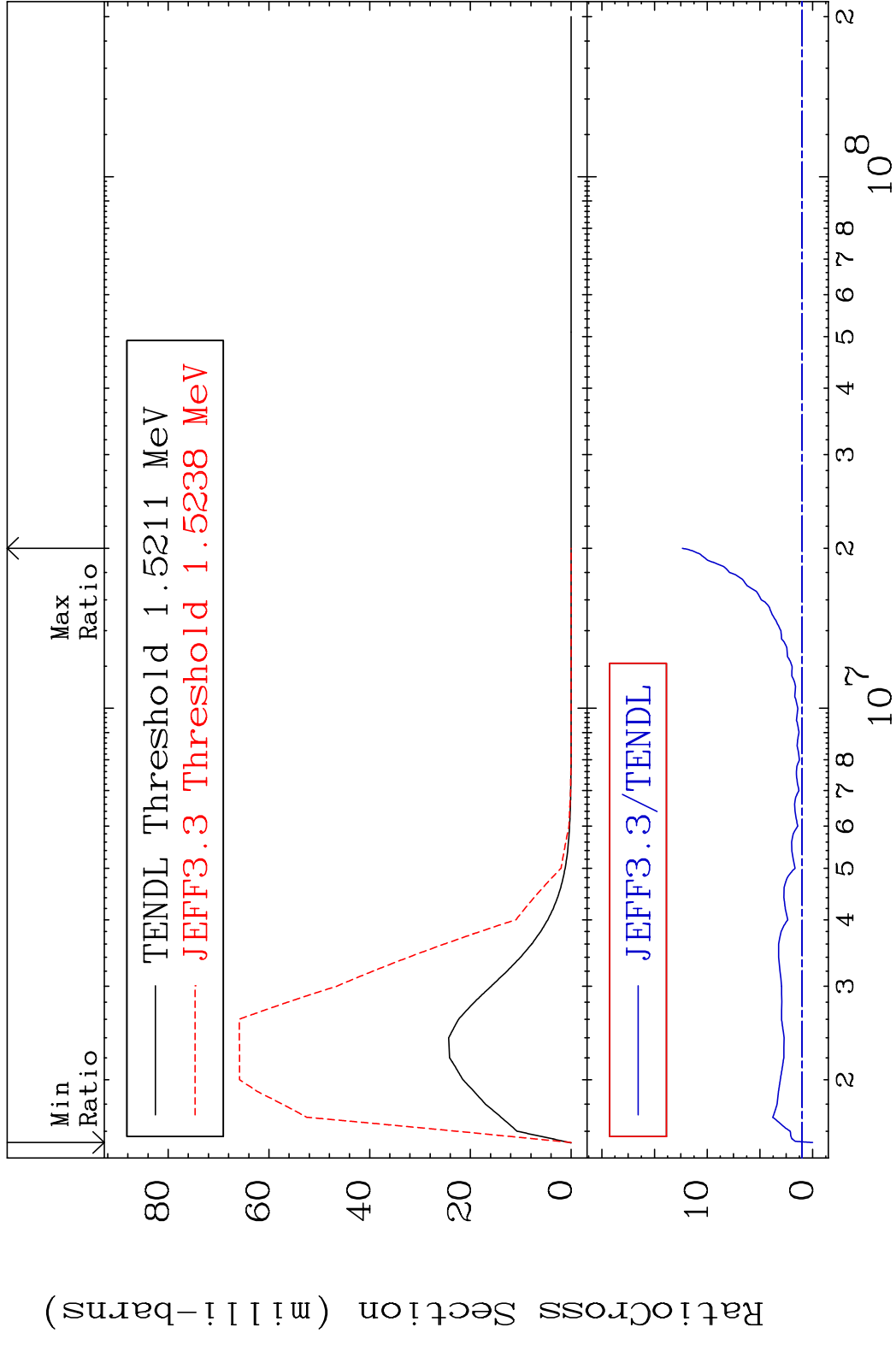
MAT 5925 MT= 59 (n,n') Level 59-Pr-141
 Cross Section -40.35 To 4552. %



MAT 5925 MT= 60 (n,n') Level 59-Pr-141
 Cross Section -100.0 To 1061. %

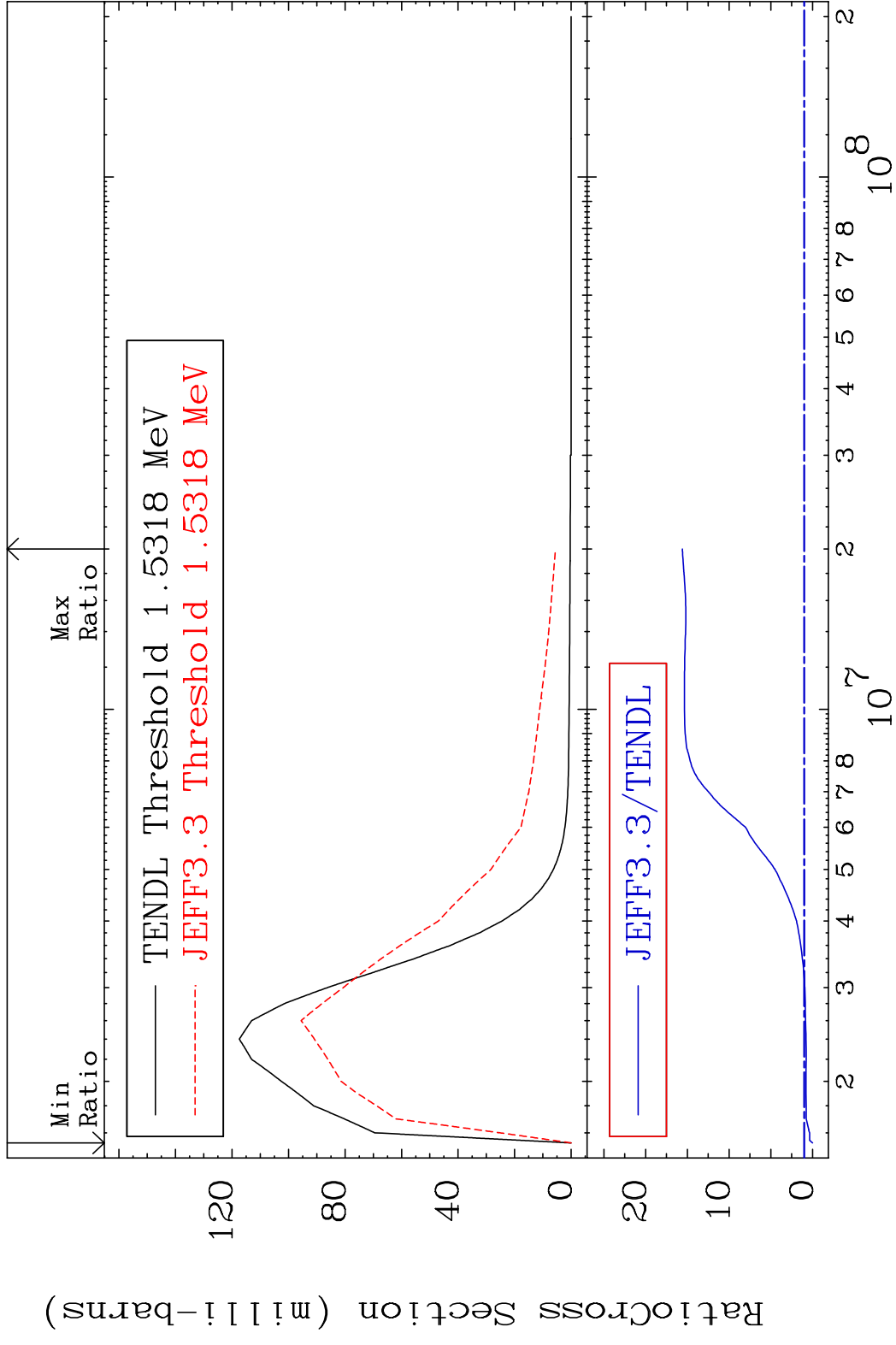


MAT 5925 MT= 61 (n, n') Level 59-Pr-141
 Cross Section -100.0 To 1136. %

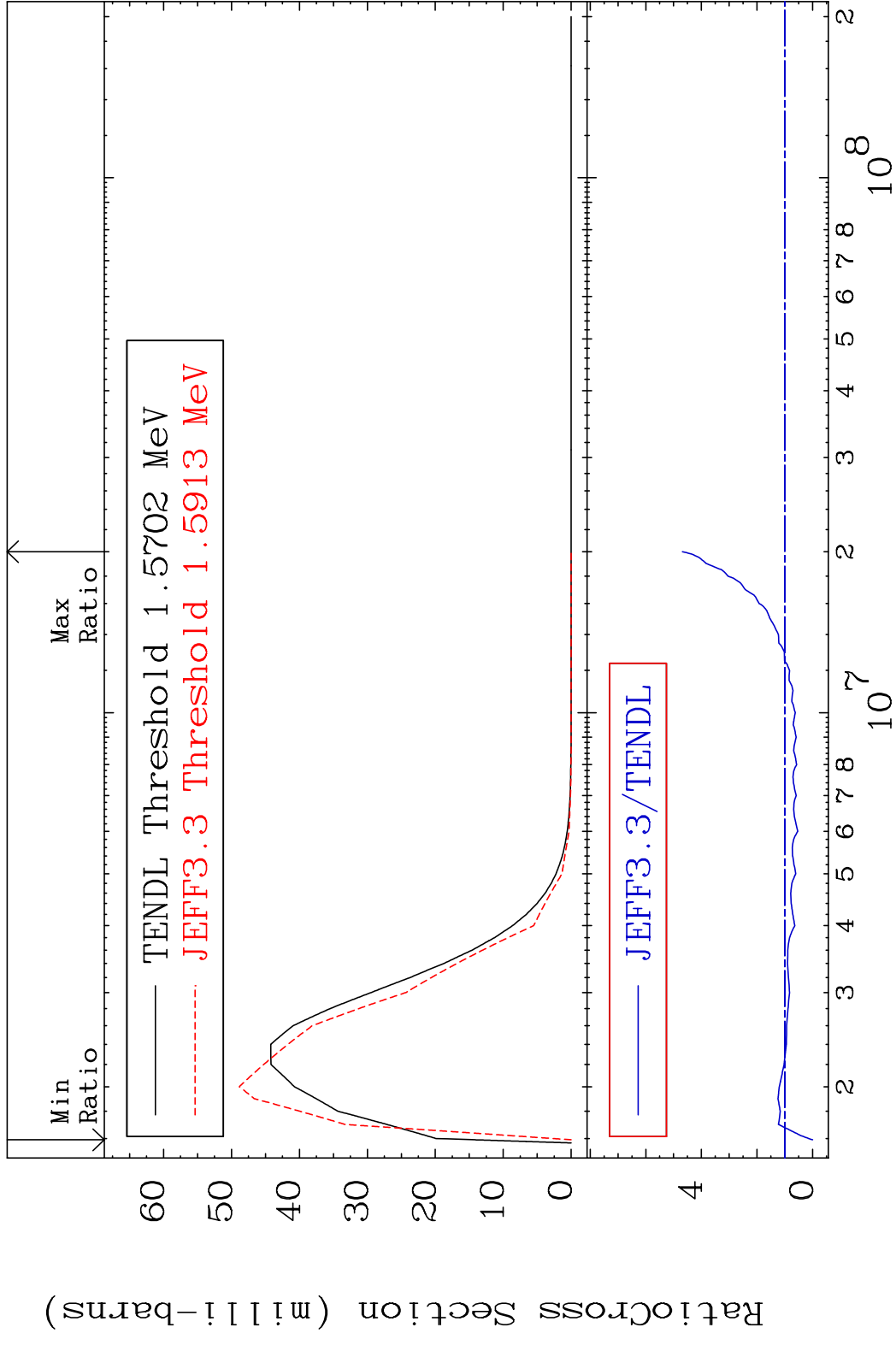


20 Incident Energy (eV) 59-Pr-141

MAT 5925 MT= 62 (n, n') Level 59-Pr-141
 Cross Section -100.0 To 1460. %



MAT 5925 MT= 63 (n, n') Level 59-Pr-141
 Cross Section -100.0 To 368.5 %

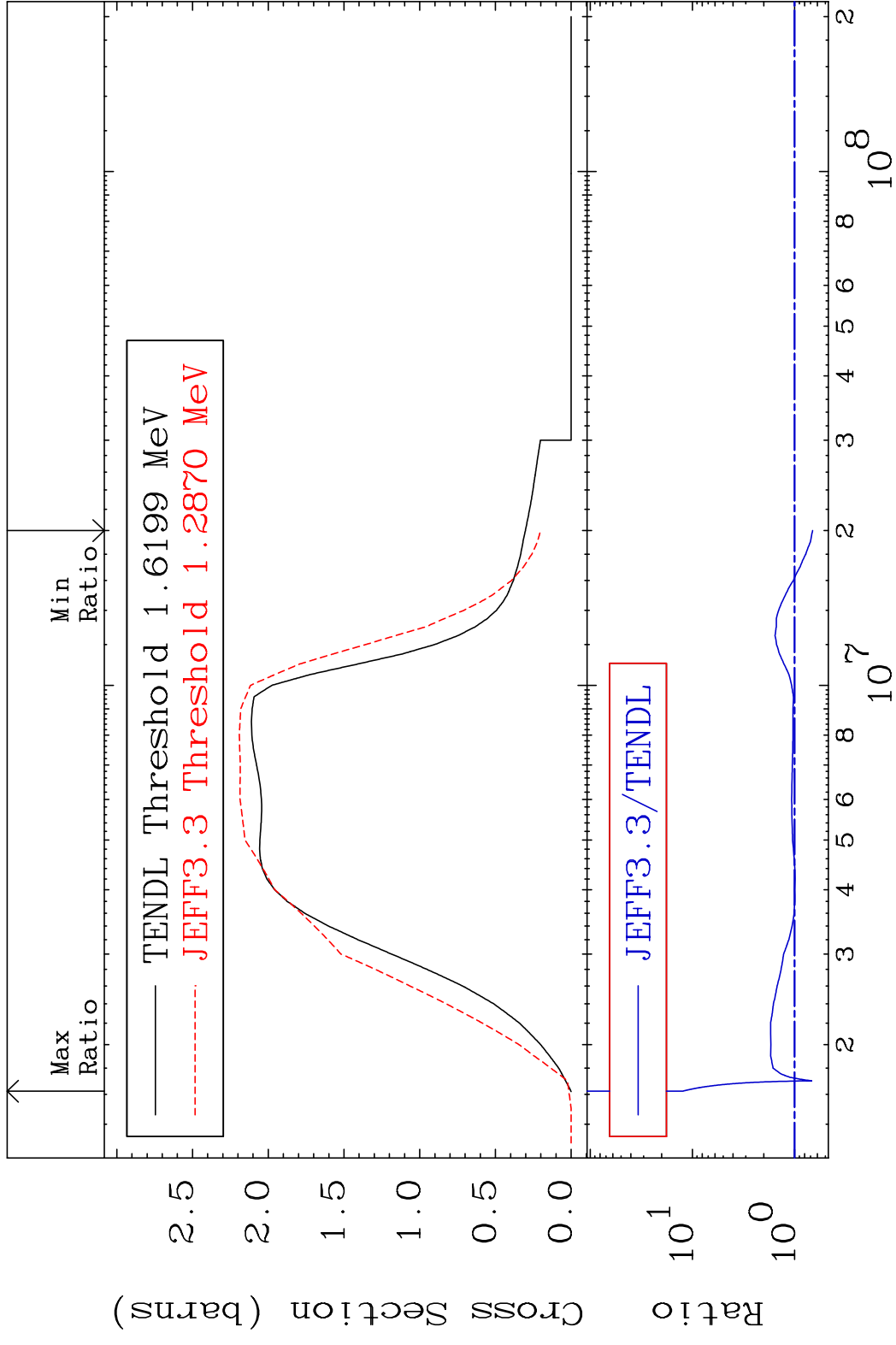


MAT 5925

(n, n') Continuum

59-Pr-141

Cross Section -33.19 To 1154. %

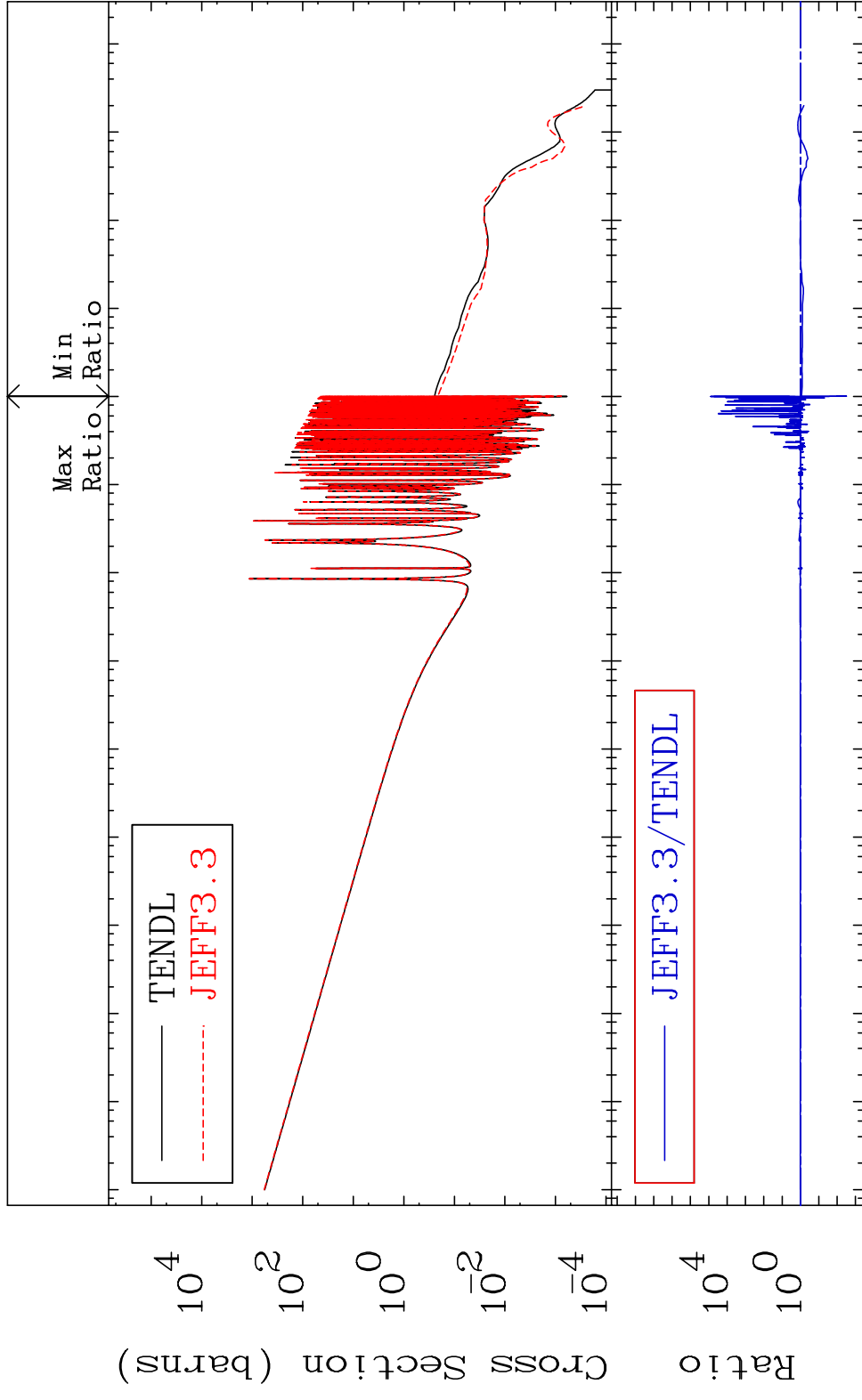


MAT 5925

(n, γ)

59-Pr-141

Cross Section -99.68 To 9999. %

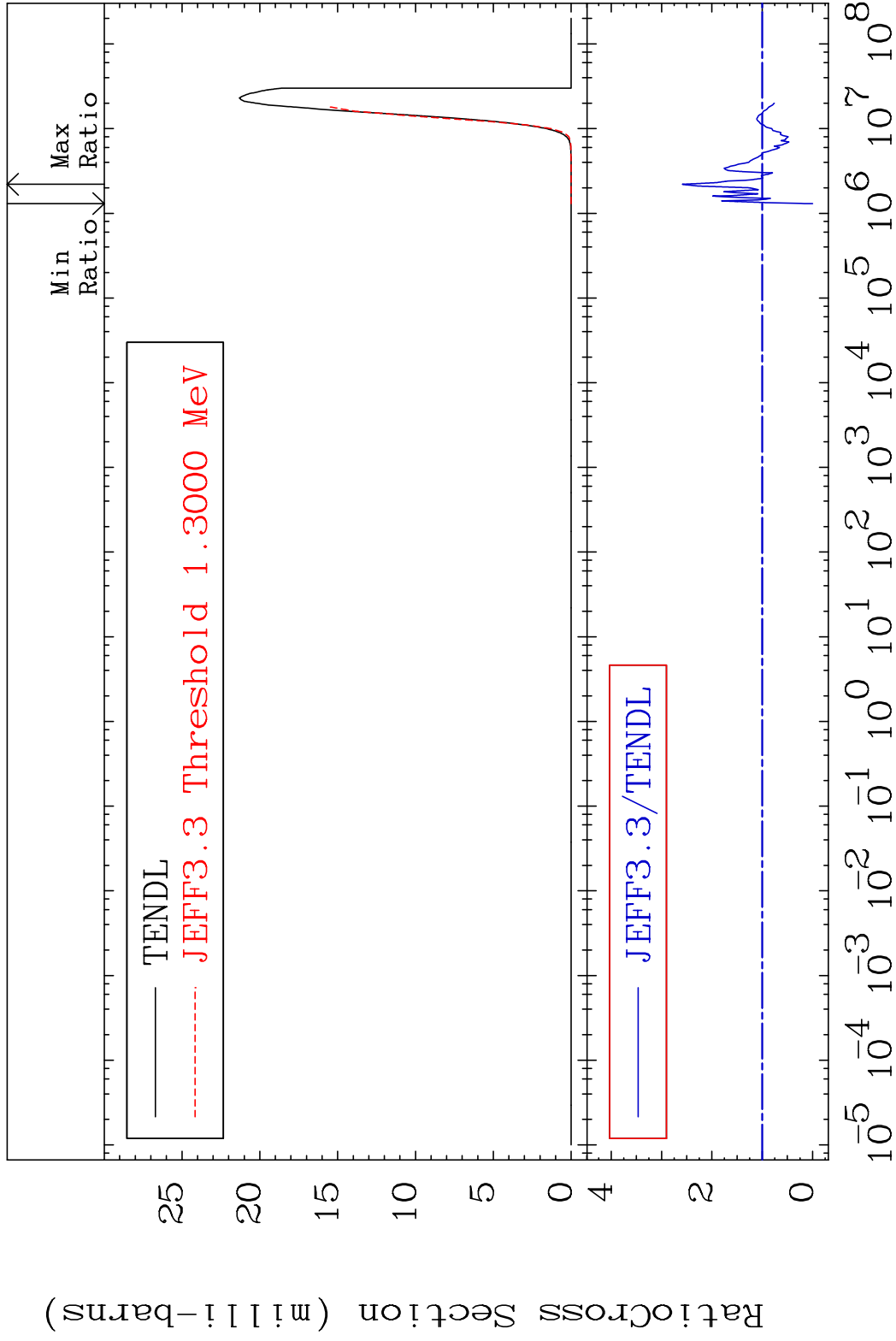


MAT 5925

(n, p)

59-Pr-141

Cross Section -100.0 To 158.6 %



25

Incident Energy (eV)

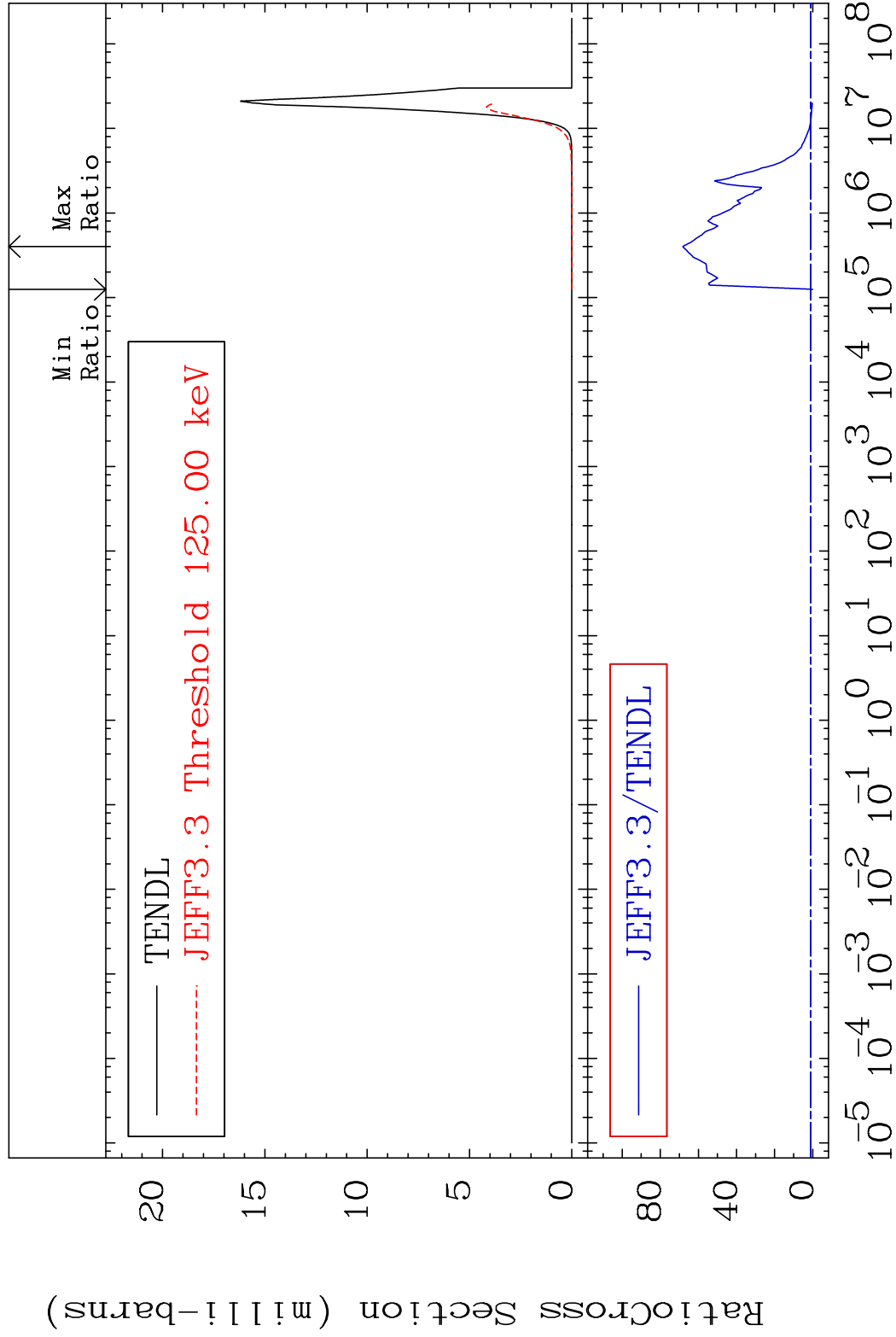
59-Pr-141

MAT 5925

(n, α)

59-Pr-141

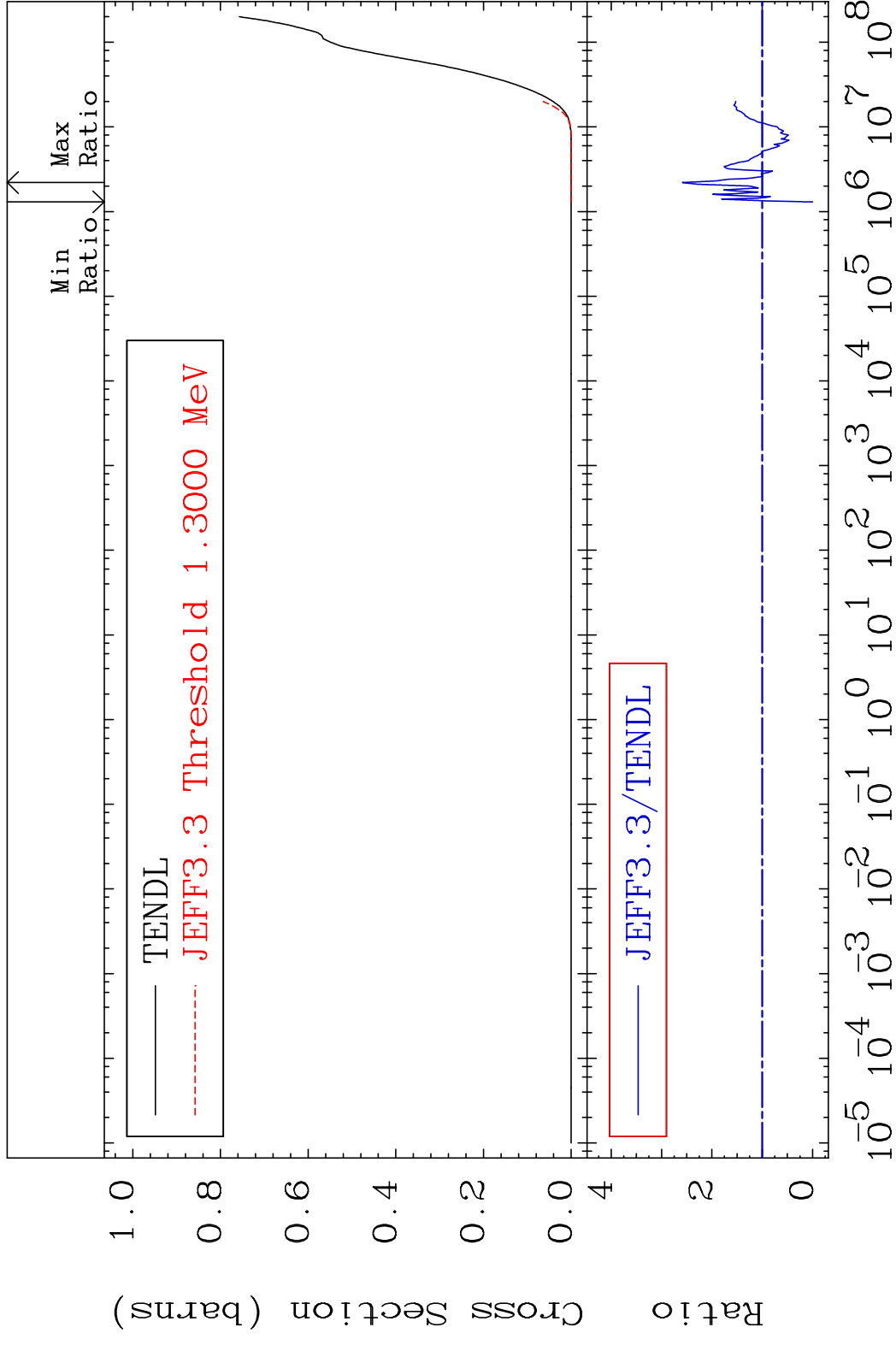
Cross Section -100.0 To 6721. %



26

Incident Energy (eV)

59-Pr-141

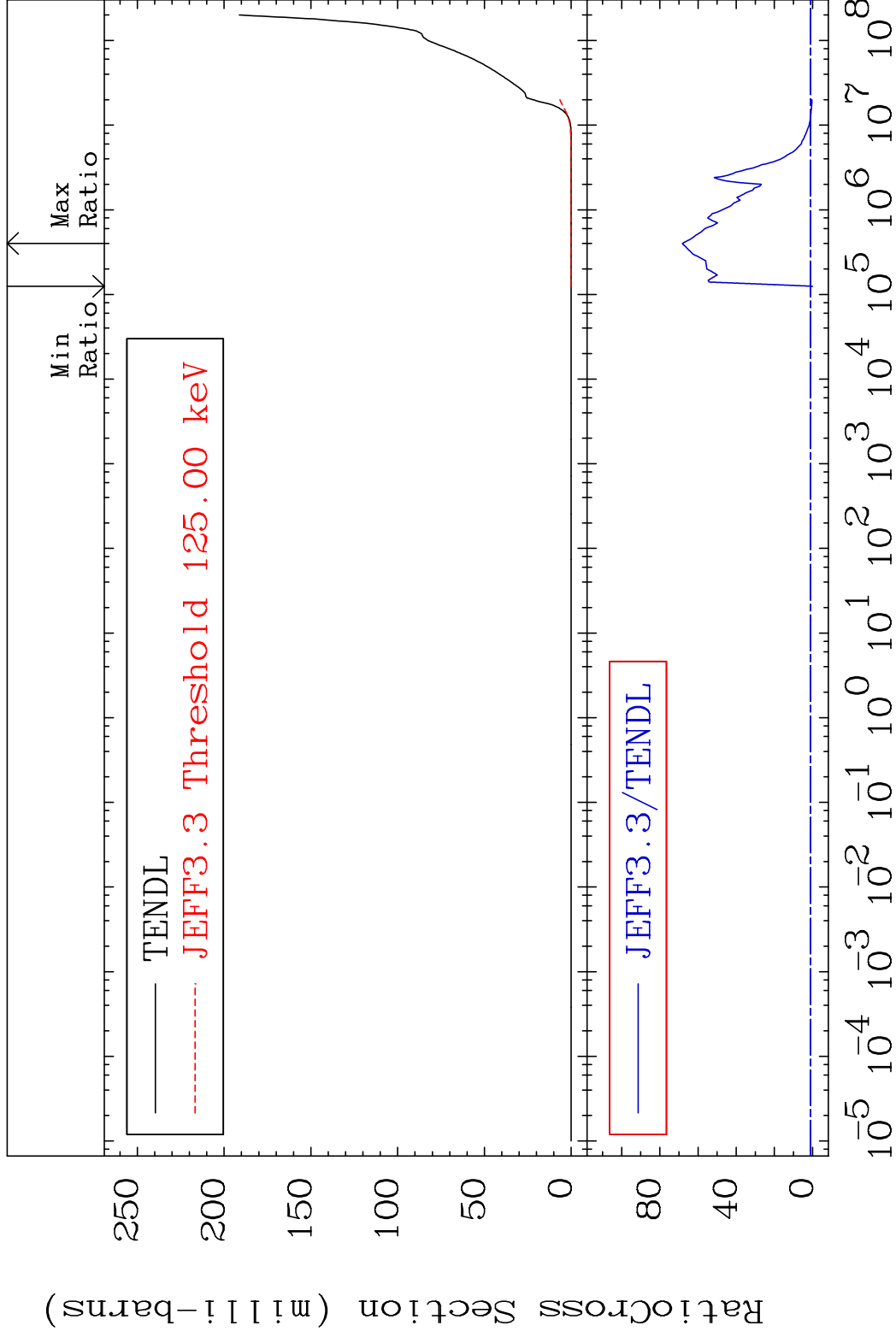


MAT 5925

He-4 Production

59-Pr-141

Cross Section -100.0 To 6721. %

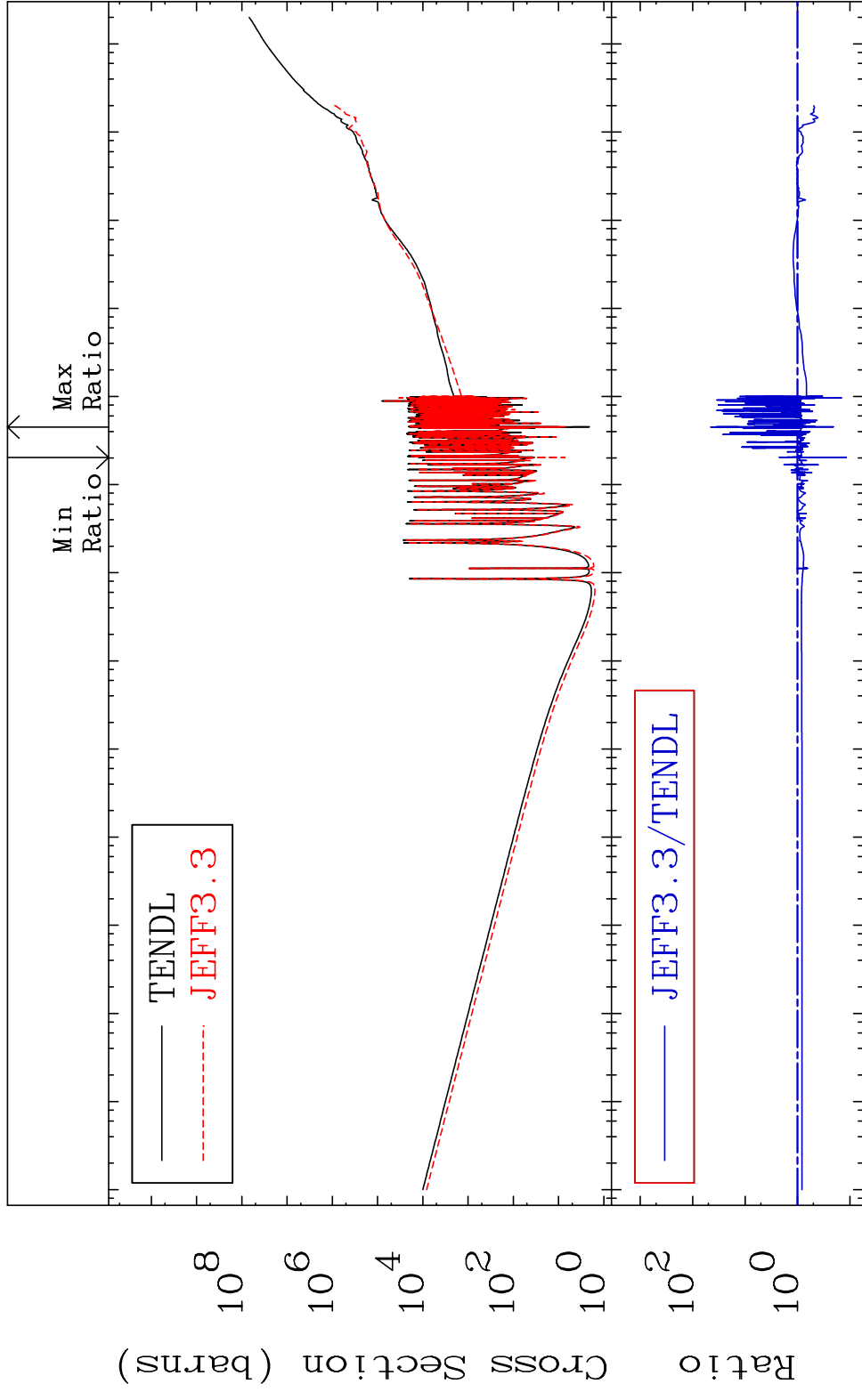


28

Incident Energy (eV)

59-Pr-141

MAT 5925 Kerma total (eV-barns) 59-Pr-141
 Cross Section -88.30 To 4428. %

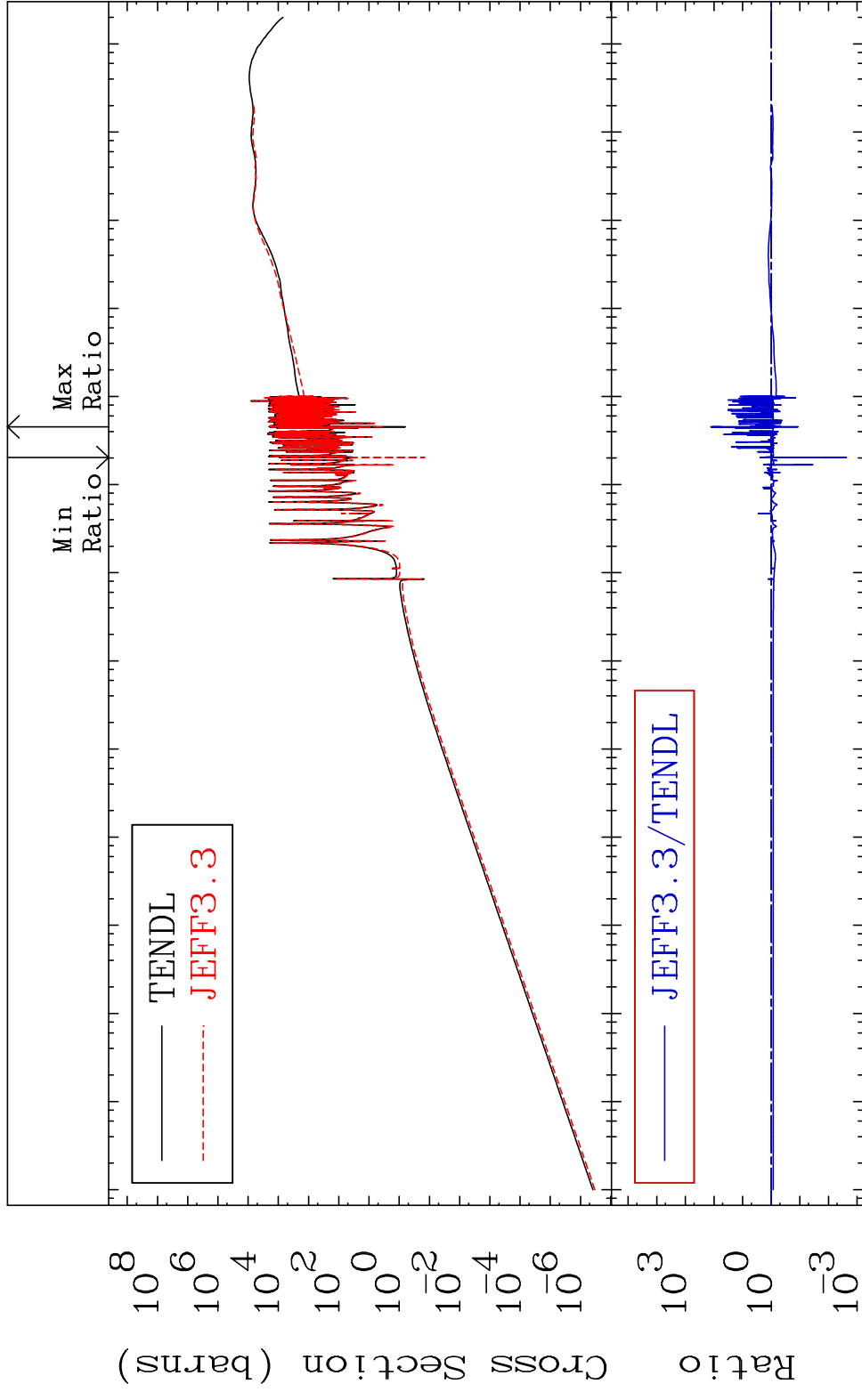


29 Incident Energy (eV) 59-Pr-141

MAT 5925

Kerma elastic
Cross Section

59-Pr-141
-99.76 To 9999. %



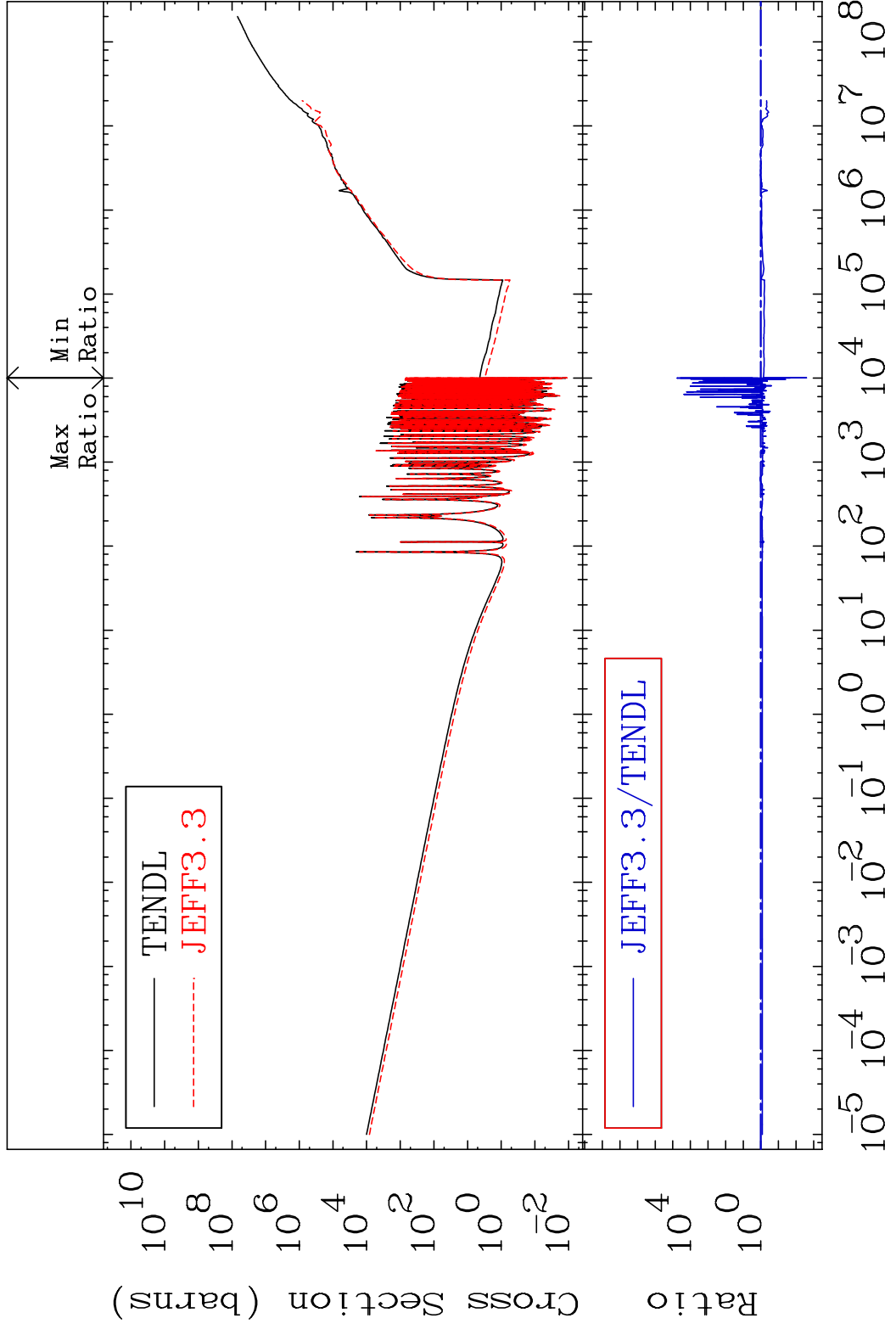
Cross Section (barns)
Ratio

Incident Energy (eV)

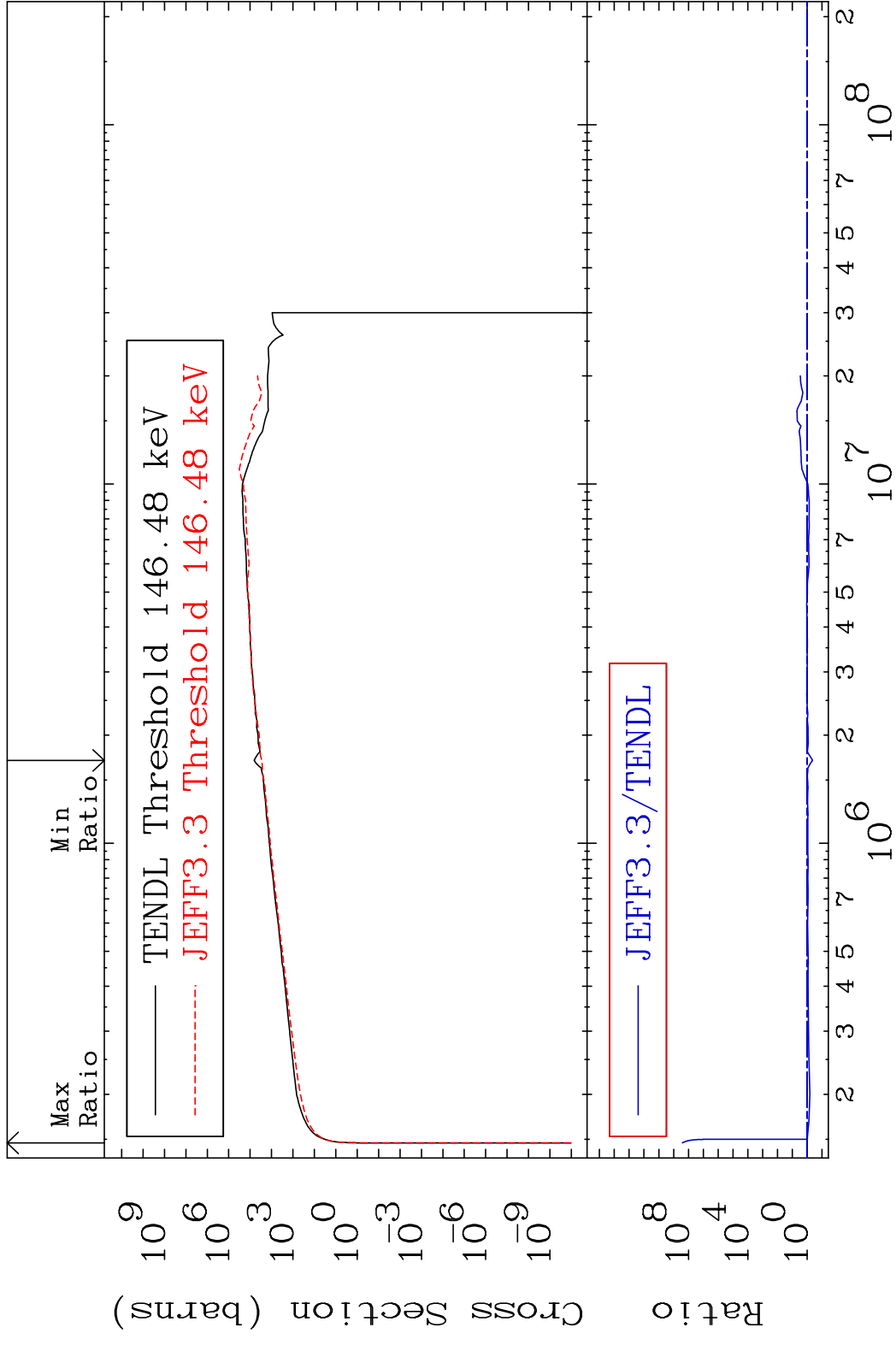
30

59-Pr-141

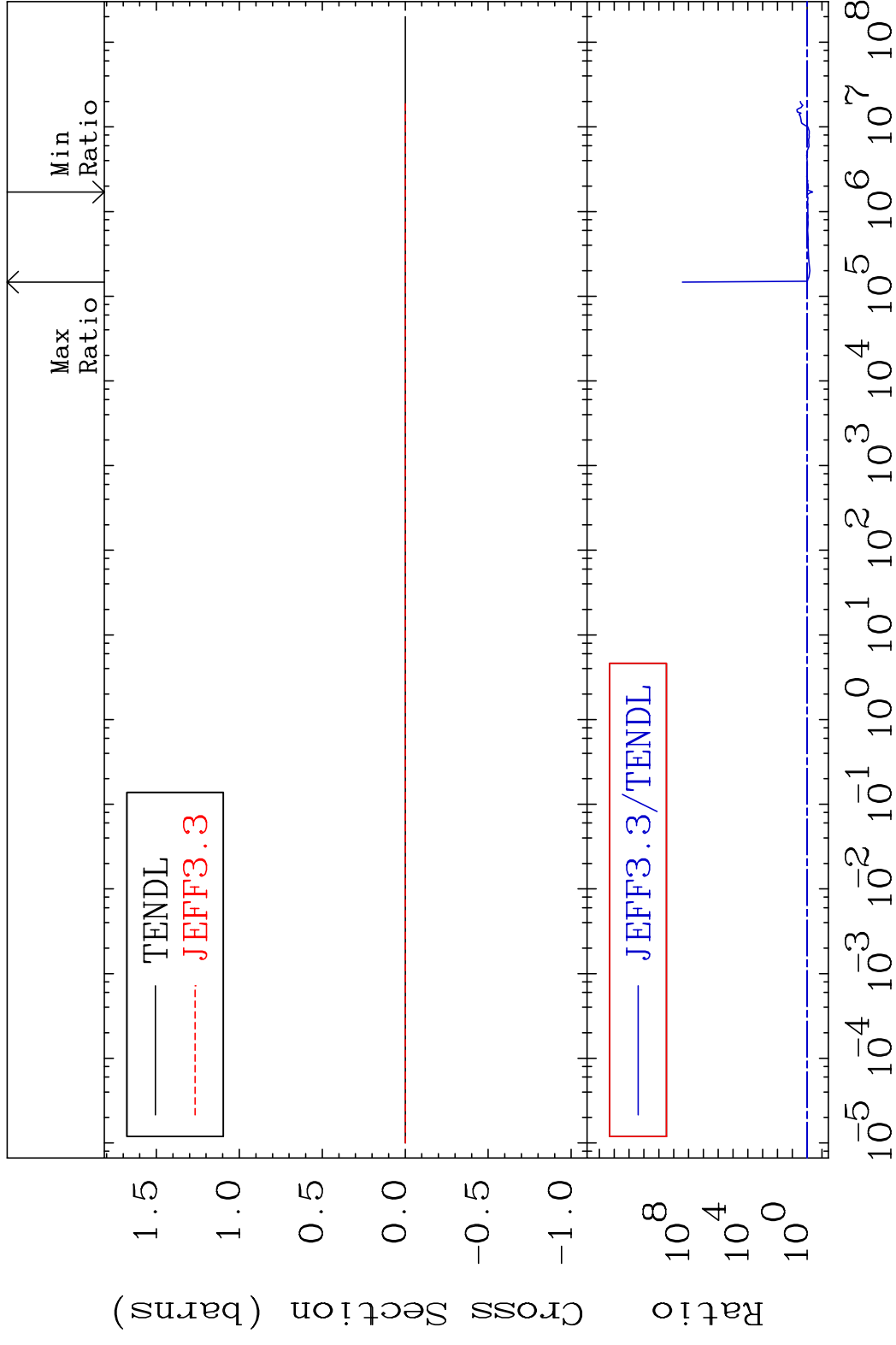
MAT 5925 Kerma non-elastic (all but mt2) 59-Pr-141
 Cross Section -99.74 To 9999. %



MAT 5925 Kerma inelastic (mt51-91) 59-Pr-141
 Cross Section -56.53 To 9999. %



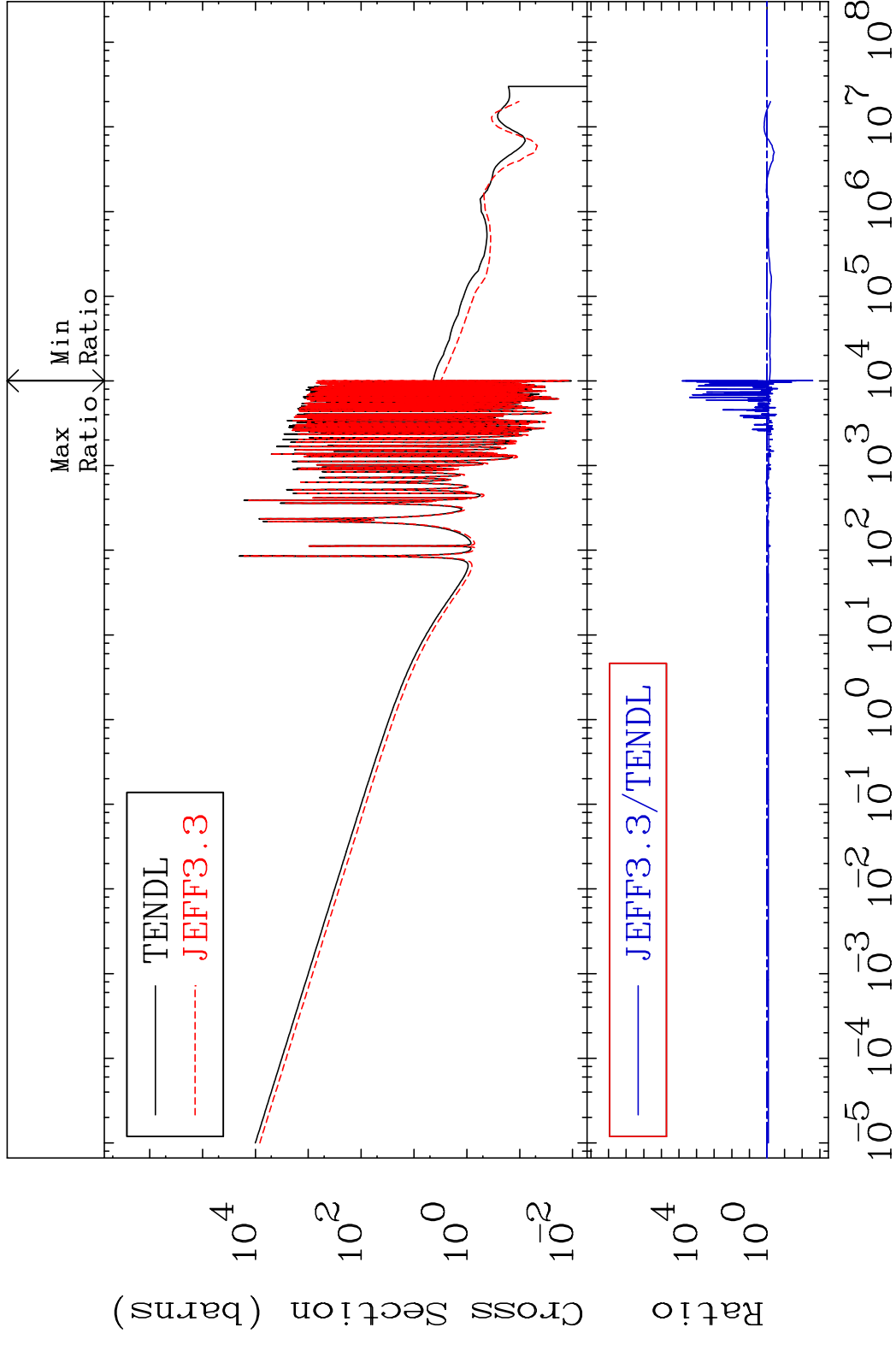
MAT 5925 Kerma fission (mt18 or mt19-20-21-38) 59-Pr-141
 Cross Section -56.53 To 9999. %



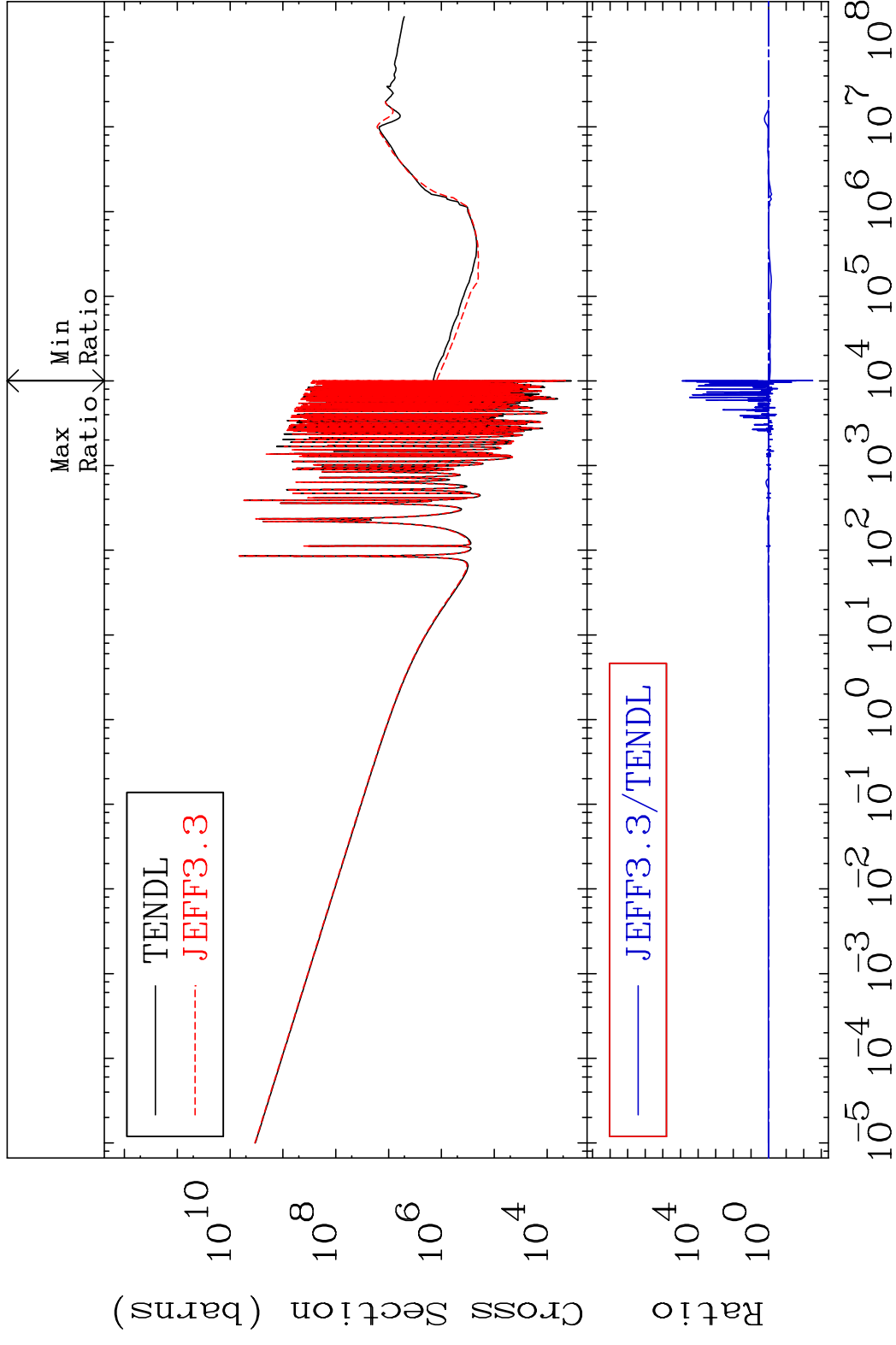
MAT 5925

Kerma capture (mt102) 59-Pr-141

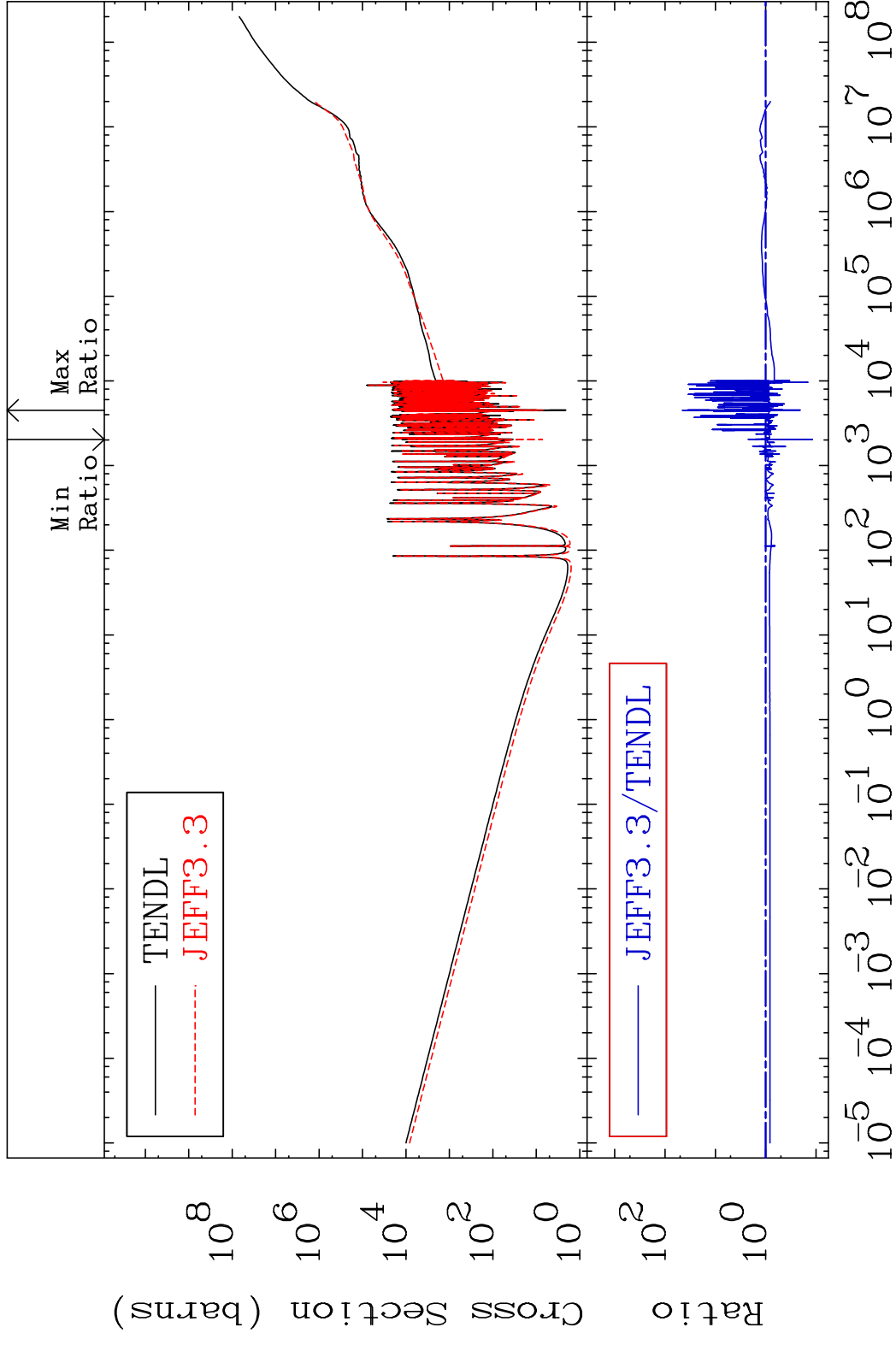
Cross Section -99.74 To 9999. %



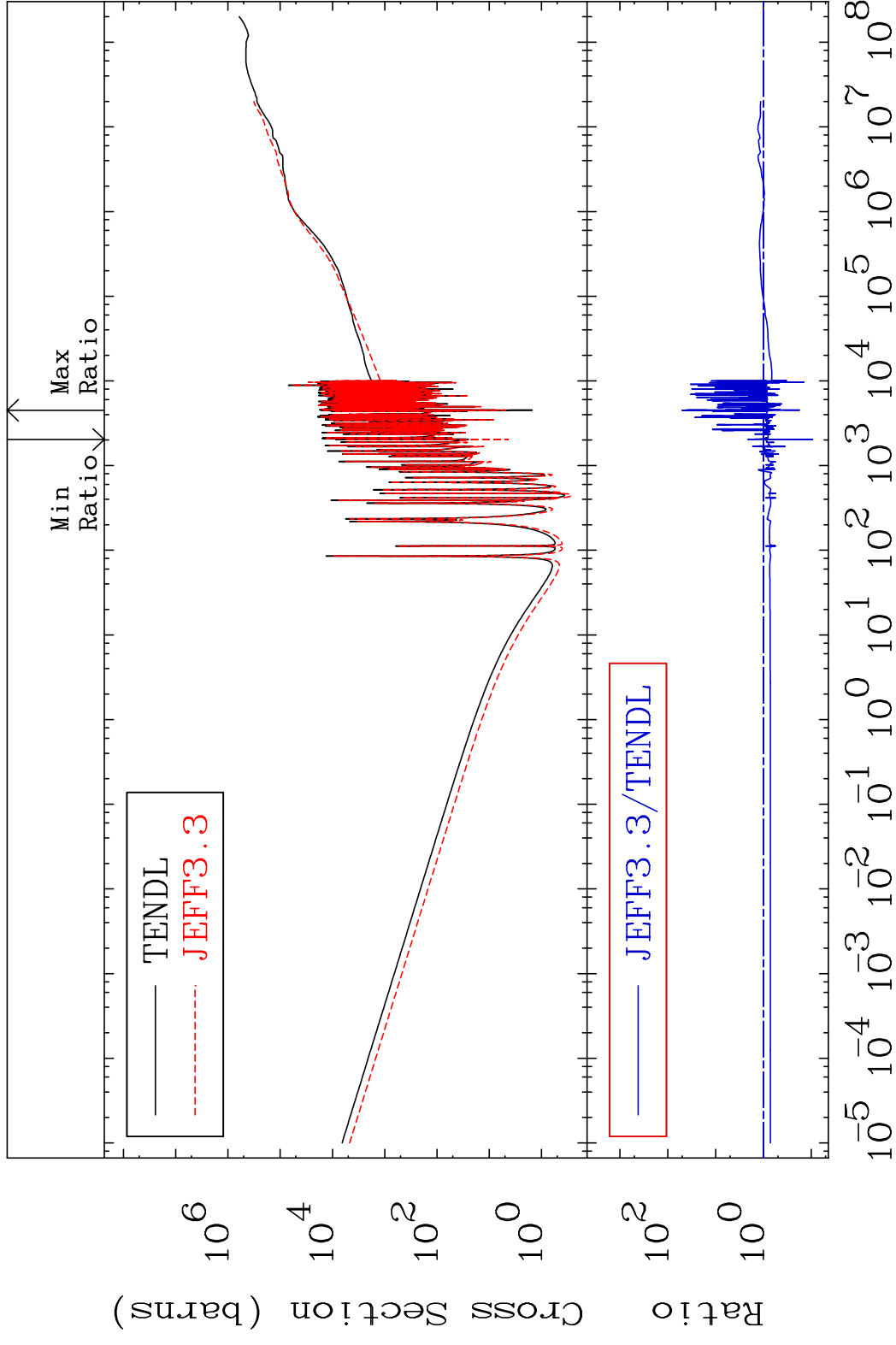
MAT 5925 Total photon (eV-barns) 59-Pr-141
 Cross Section -99.68 To 9999. %



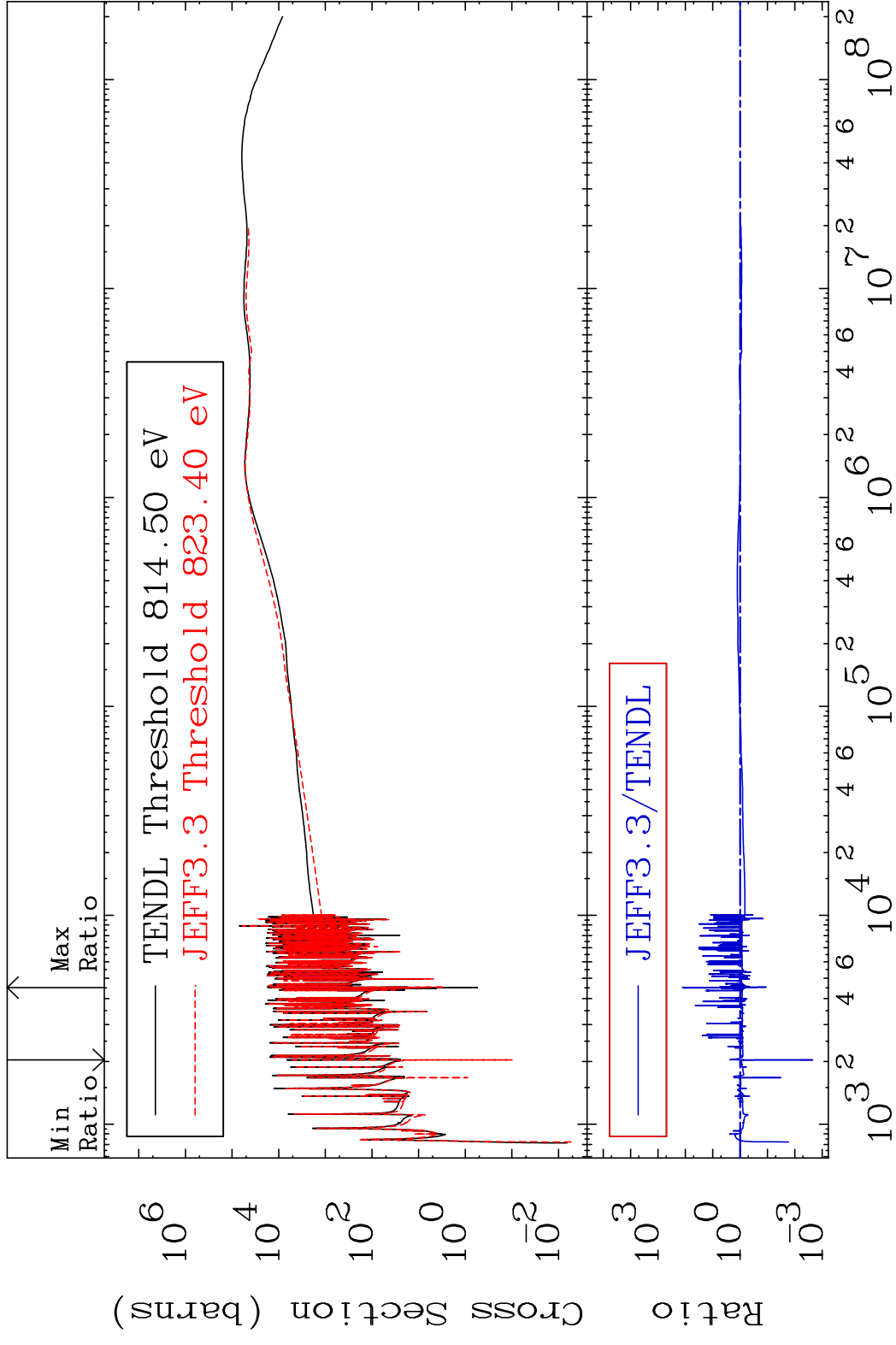
MAT 5925 Total kinematic kerma (high limit) 59-Pr-141
 Cross Section -88.30 To 4428. %

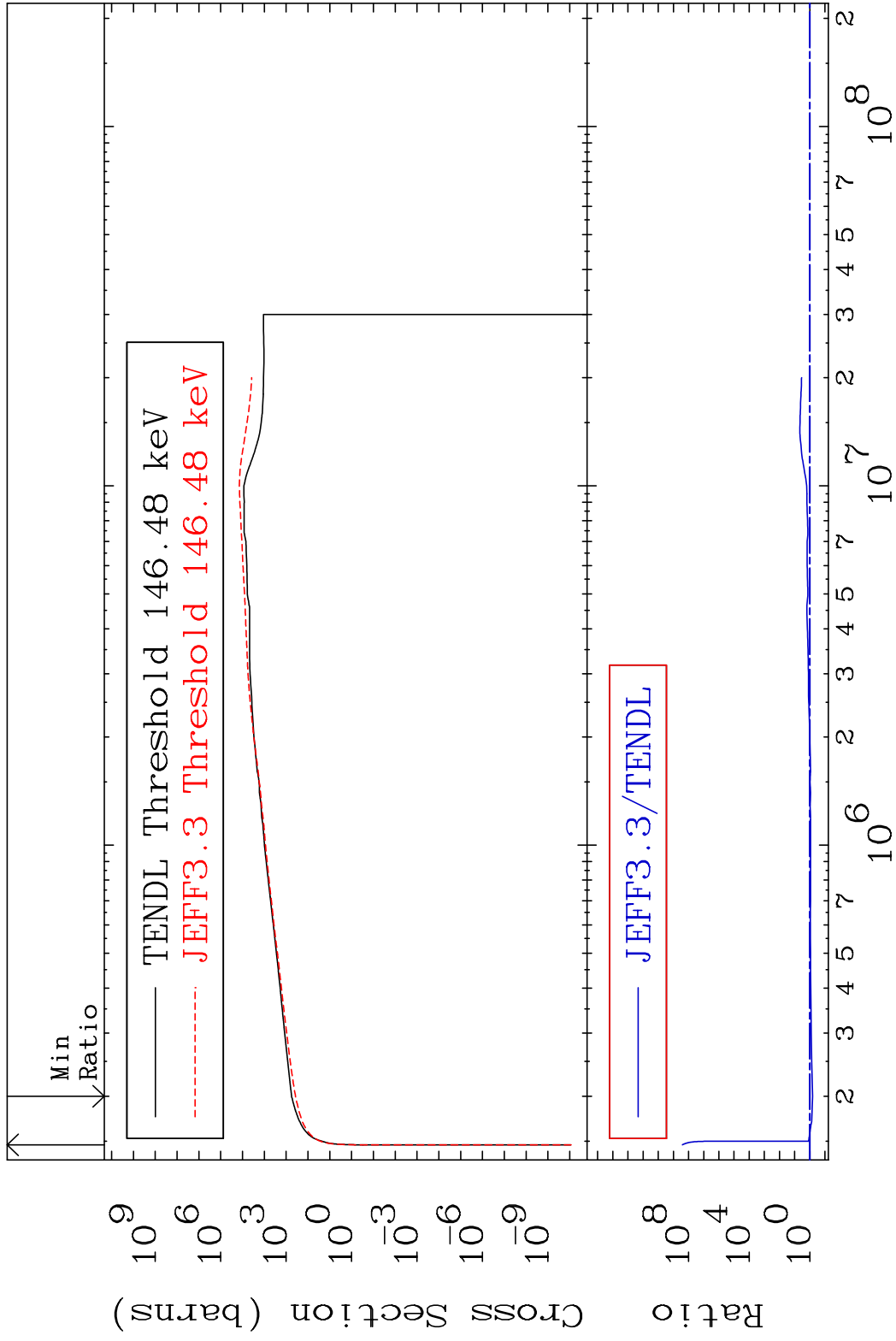


Cross Section -90.60 To 4862. %

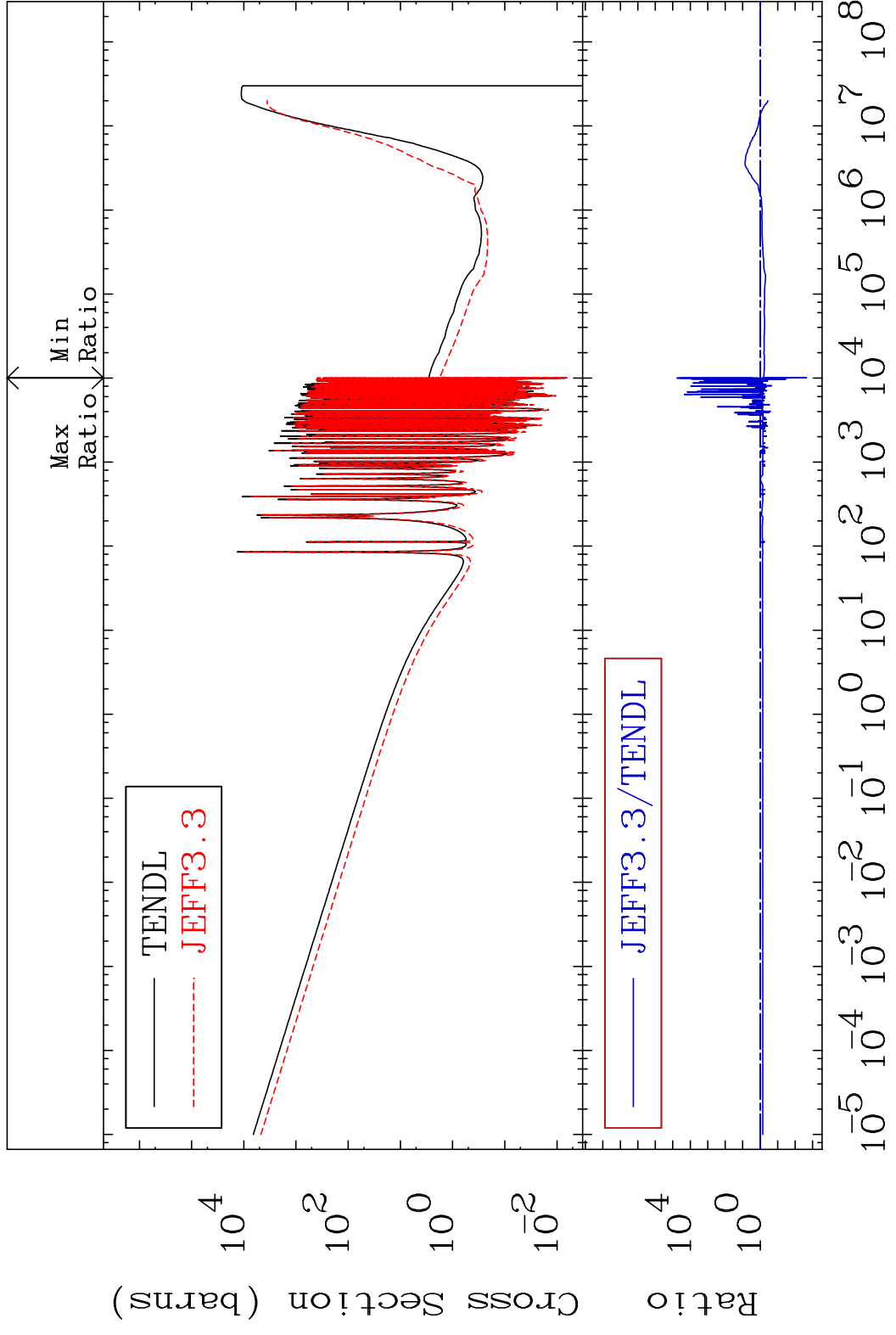


Cross Section -99.77 To 9999. %





MAT 5925 Dpa disappearance (mt102 -120) 59-Pr-141
 Cross Section -99.77 To 9999. %



40 Incident Energy (eV) 59-Pr-141