

Program Complot
(Version 2018-1)

by

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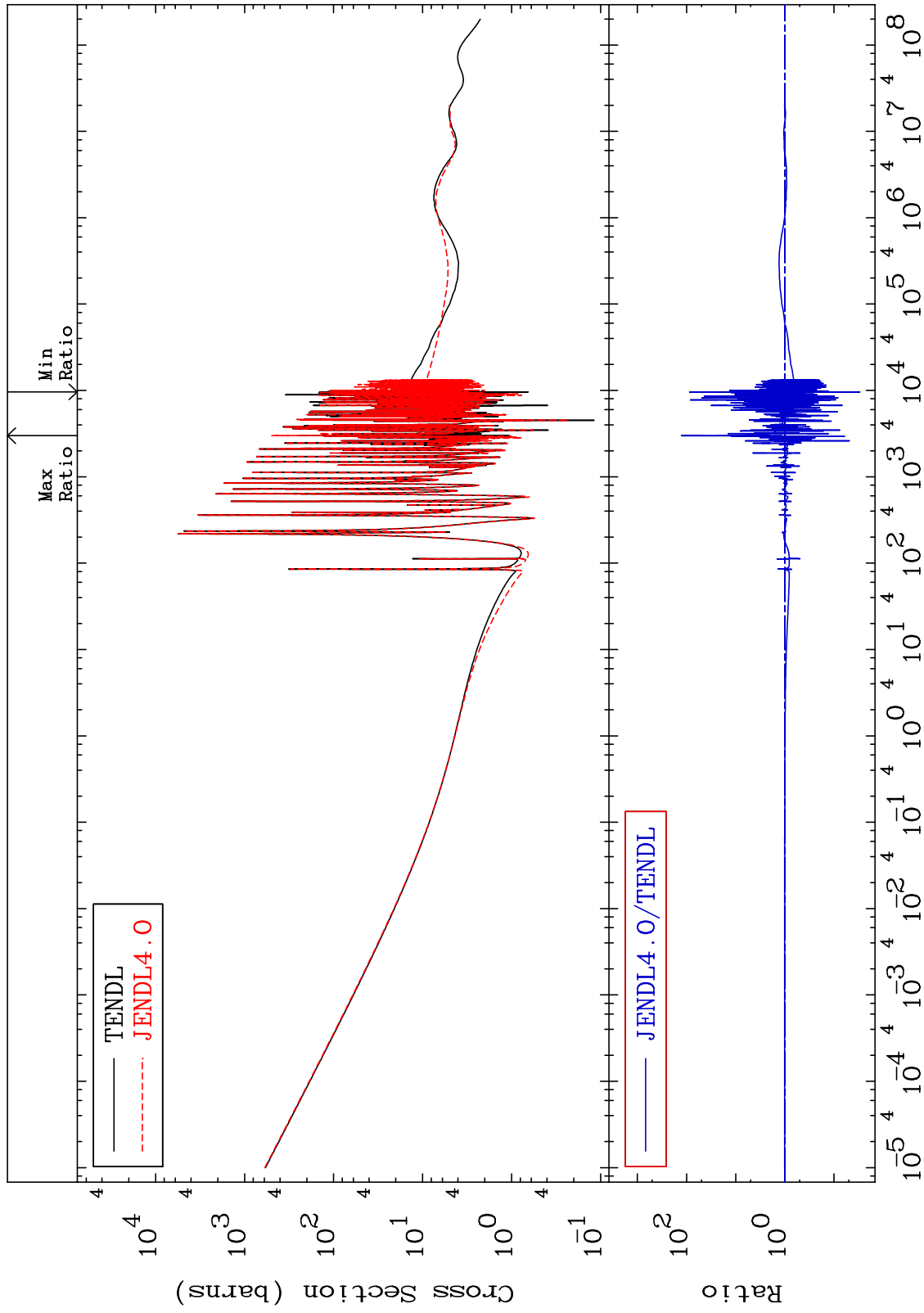
Press Mouse Button to Start

MAT 5925

Total
Cross Section

59-Pr-141

-97.00 To 9999. %



Incident Energy (eV)

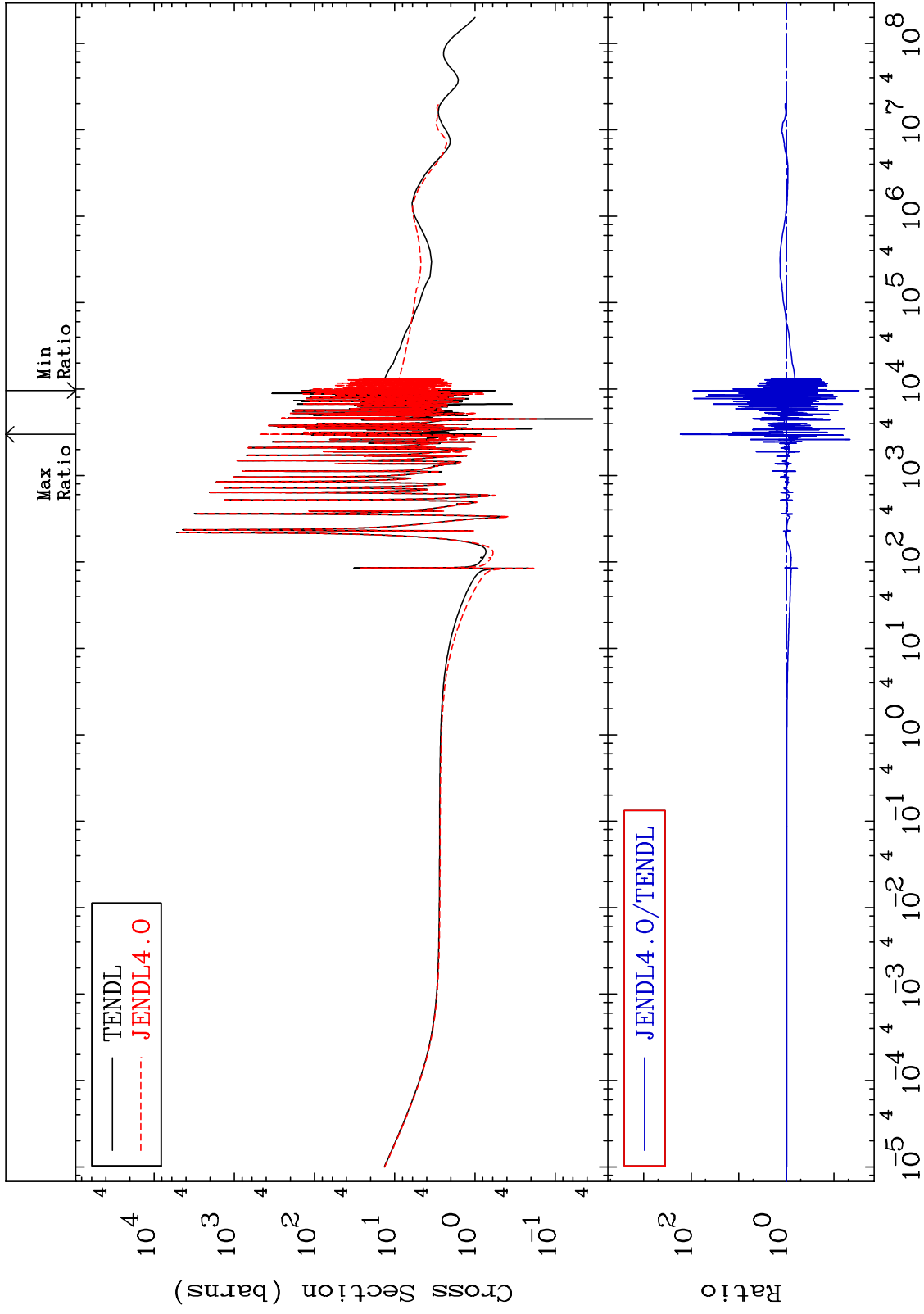
59-Pr-141

1

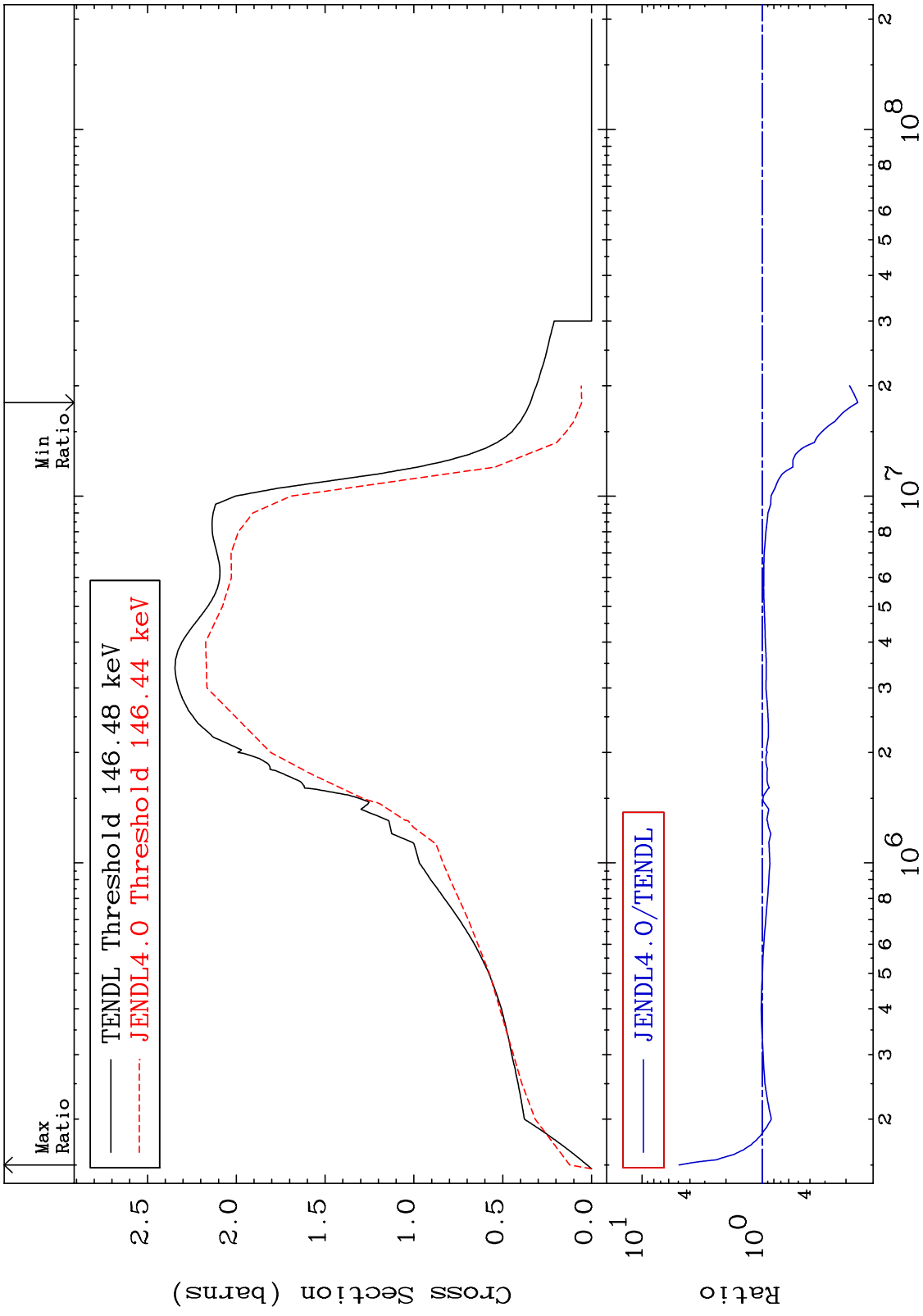
MAT 5925

Elastic
Cross Section

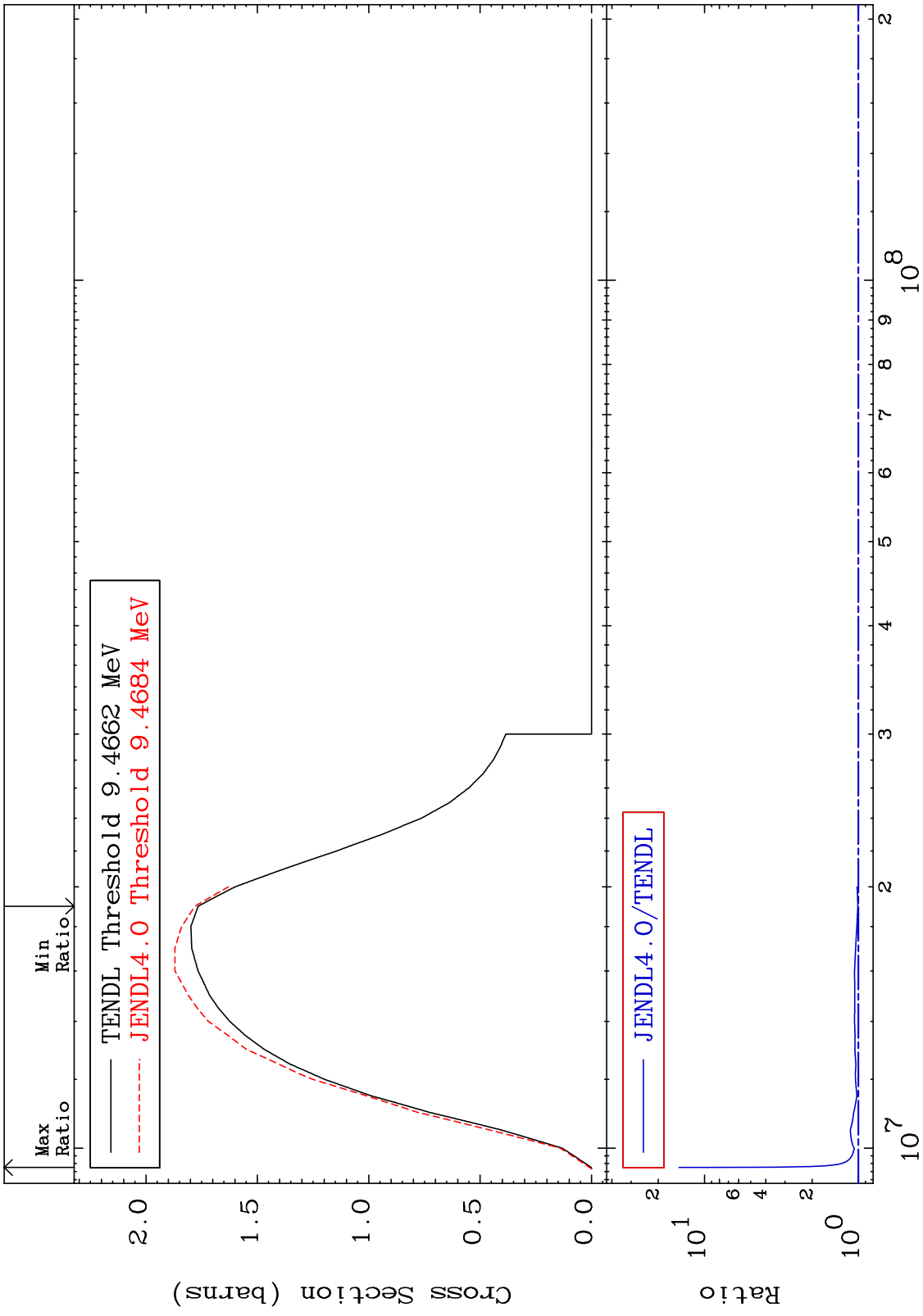
59-Pr-141
-97.01 To 9999. %

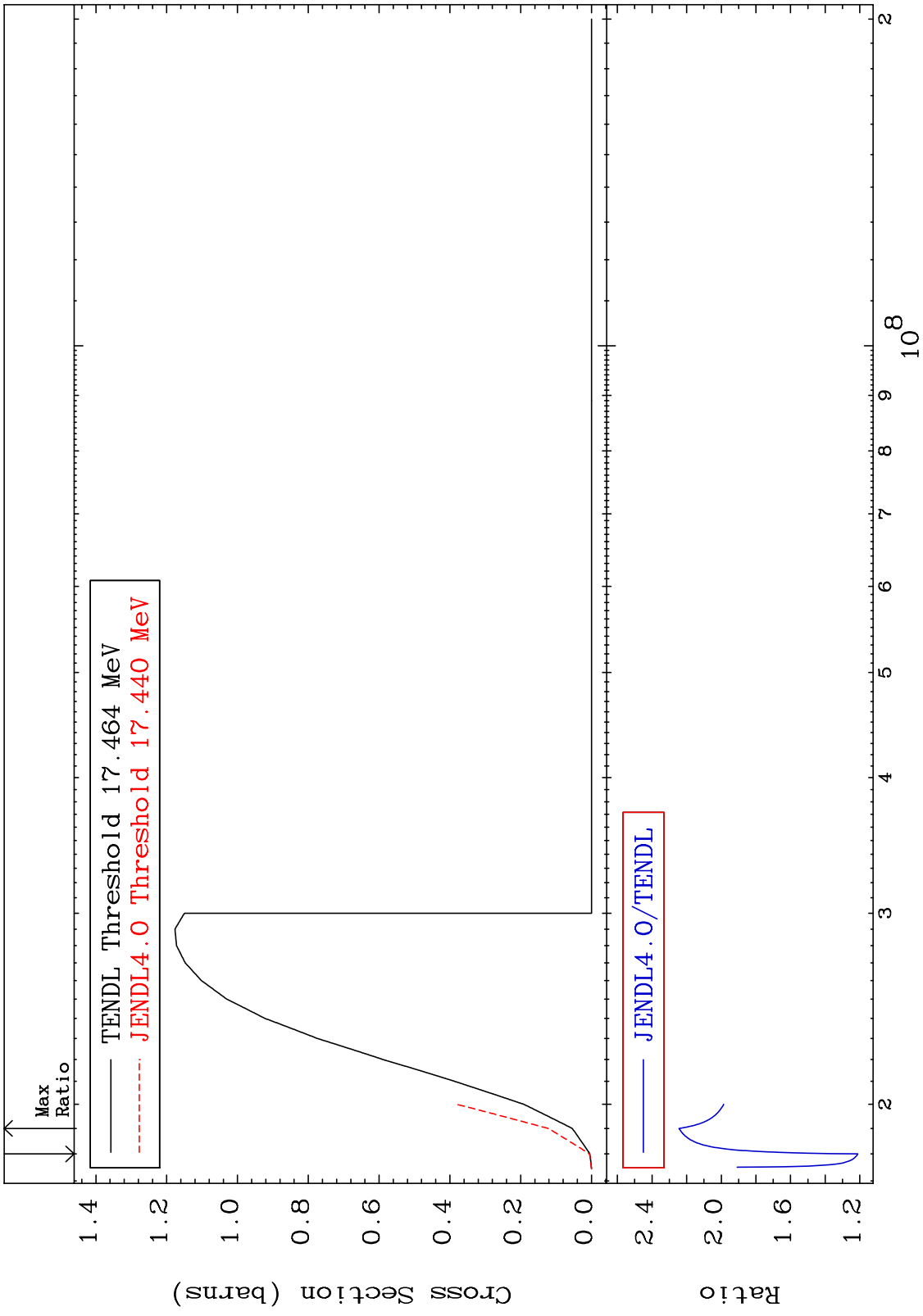


MAT 5925 Inelastic Cross Section 59-Pr-141 -84.04 To 392.4 %



MAT 5925 (n,2n) Cross Section 59-Pr-141 0.788 To 1362. %





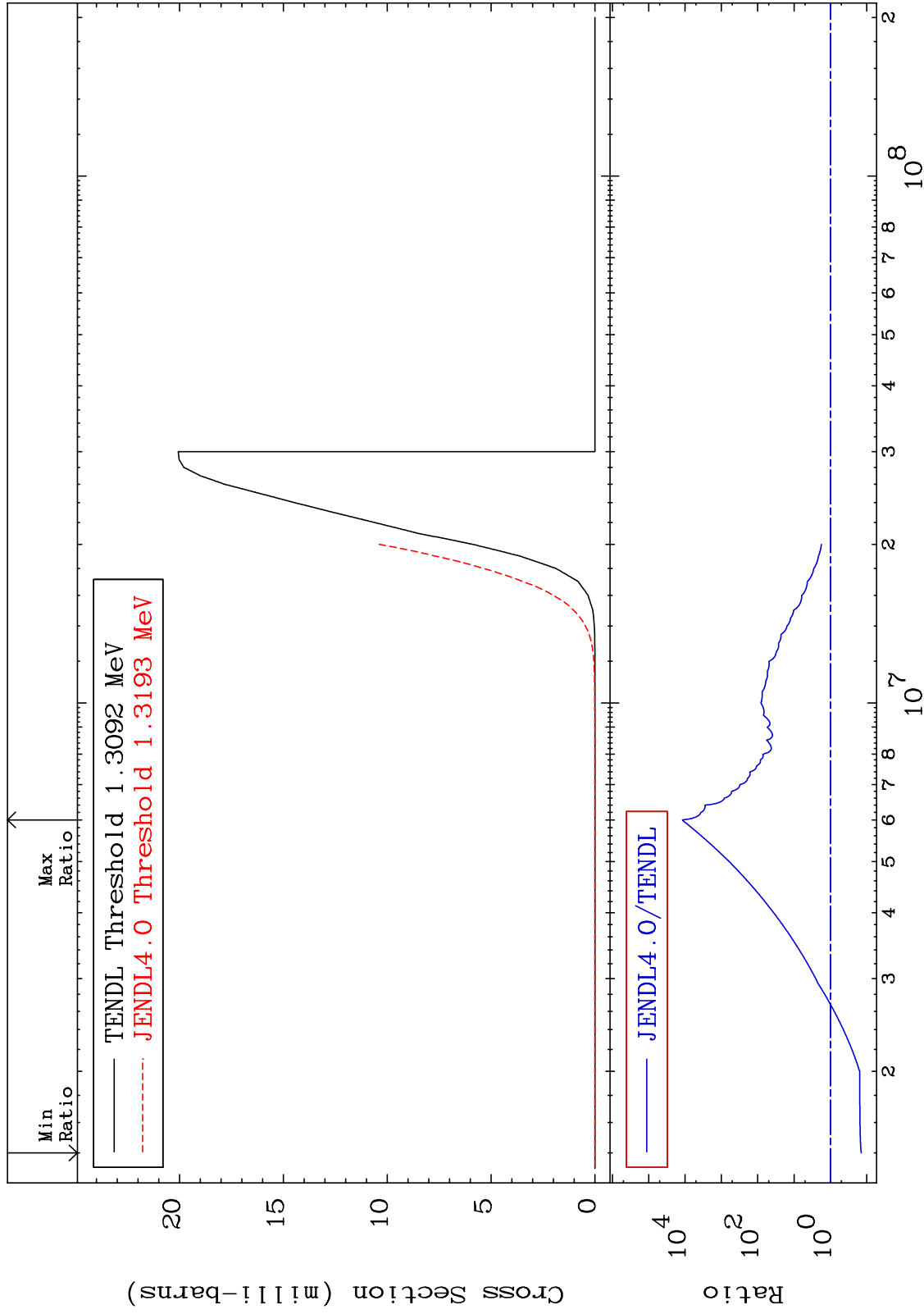
MAT 5925

(n, n') α

59-Pr-141

-85.86 To 9999. %

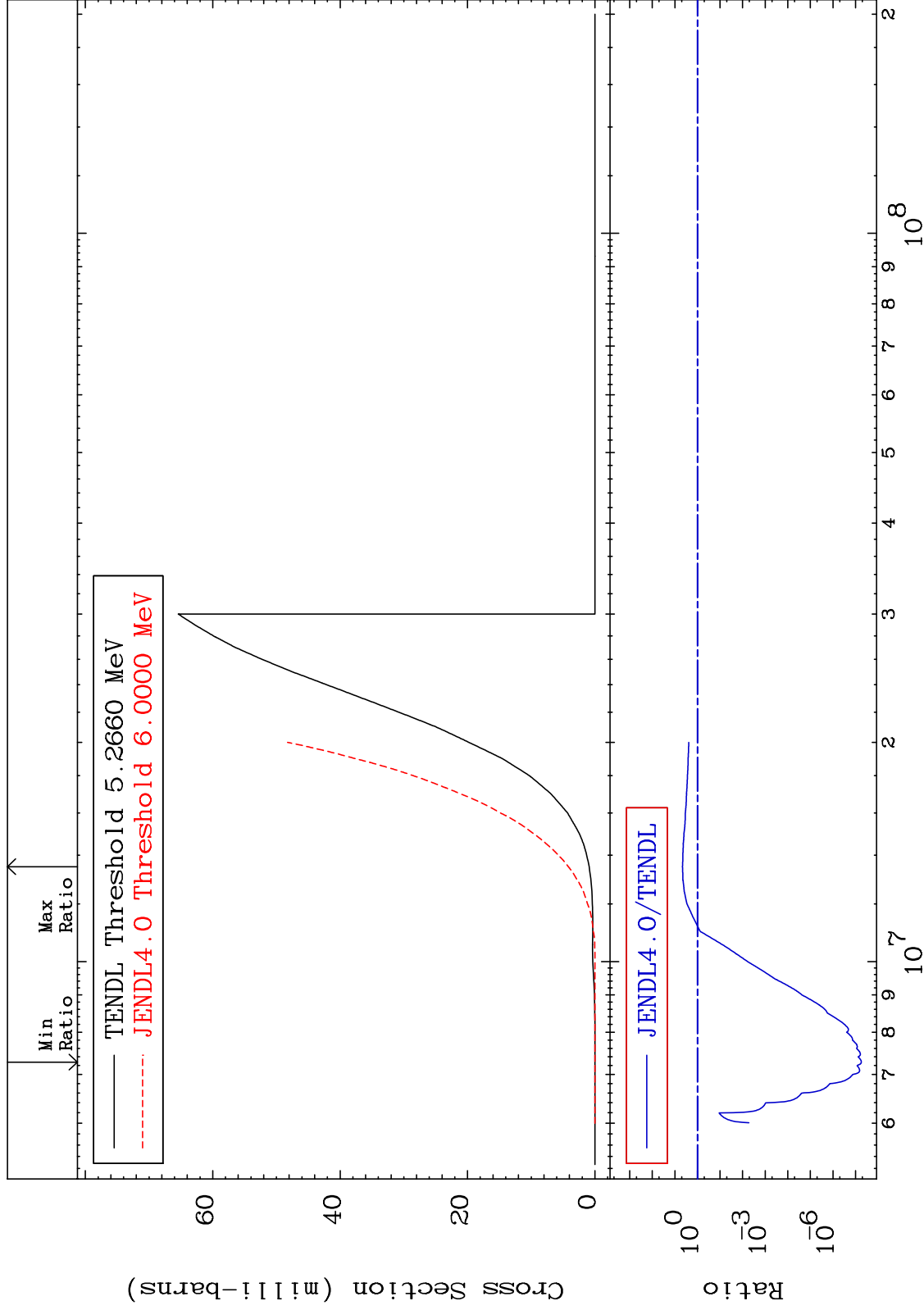
Cross Section



MAT 5925

(n,n') p
Cross Section

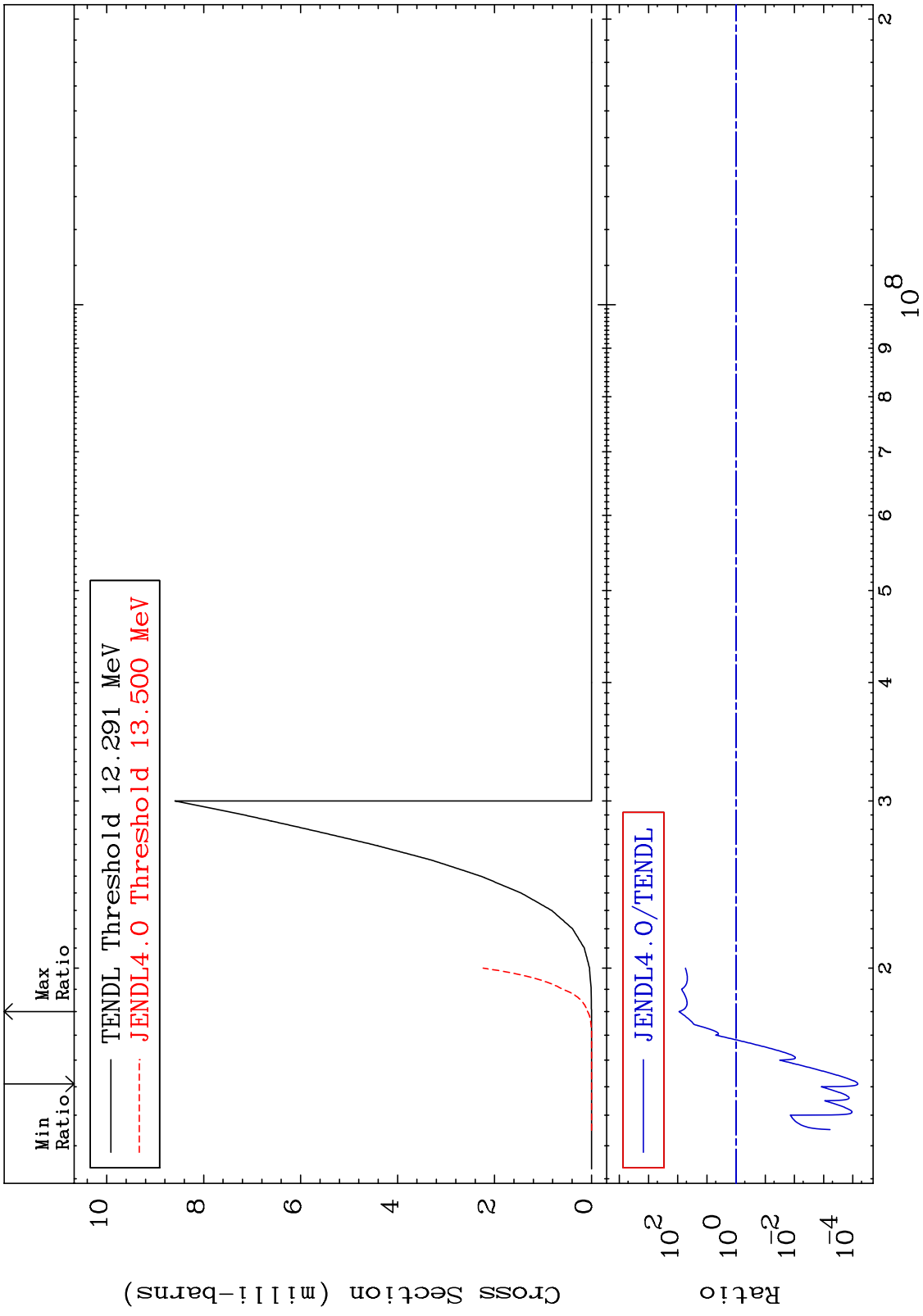
59-Pr-141
-100.0 To 360.3 %



7

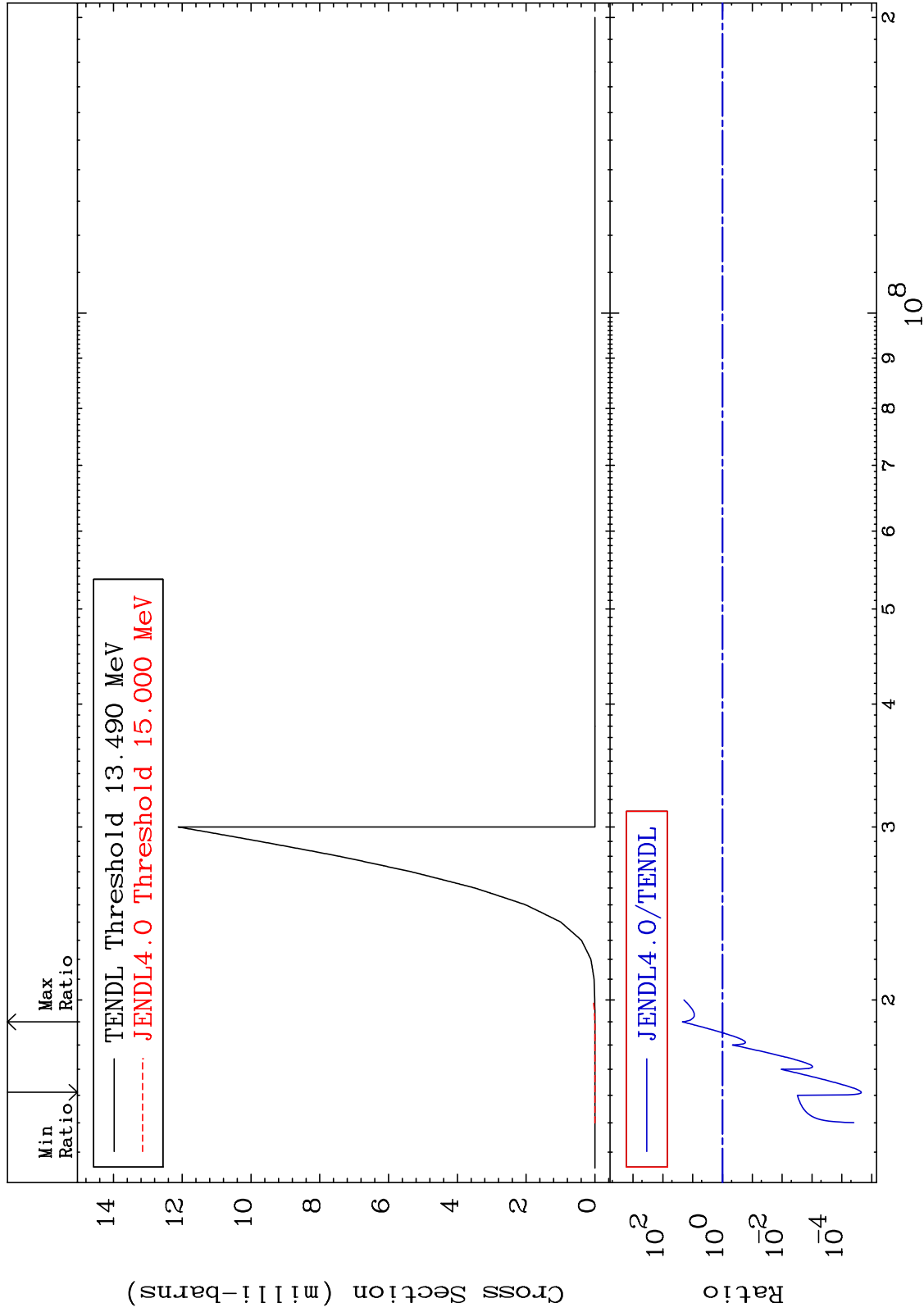
Incident Energy (eV)

59-Pr-141

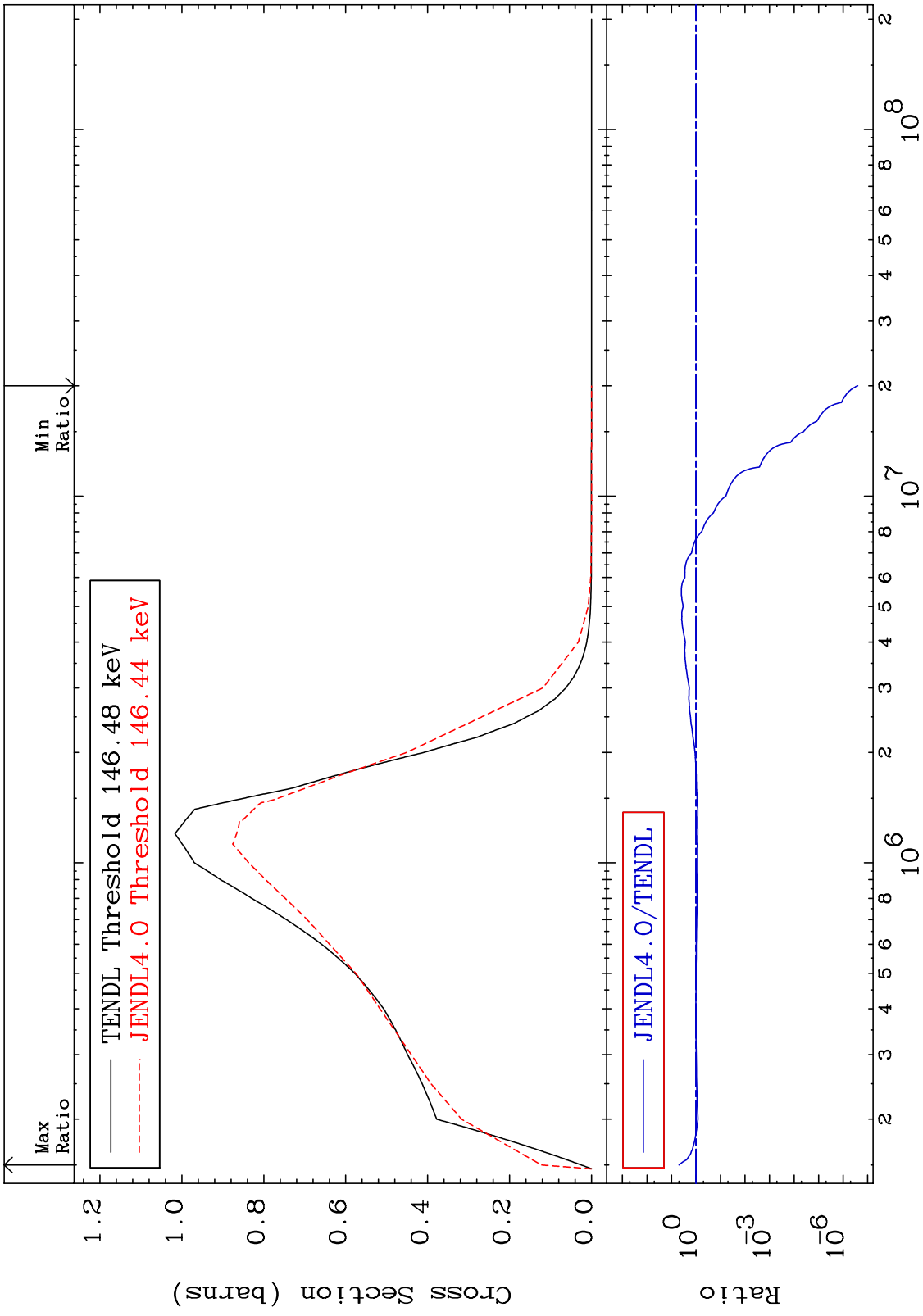


Cross Section

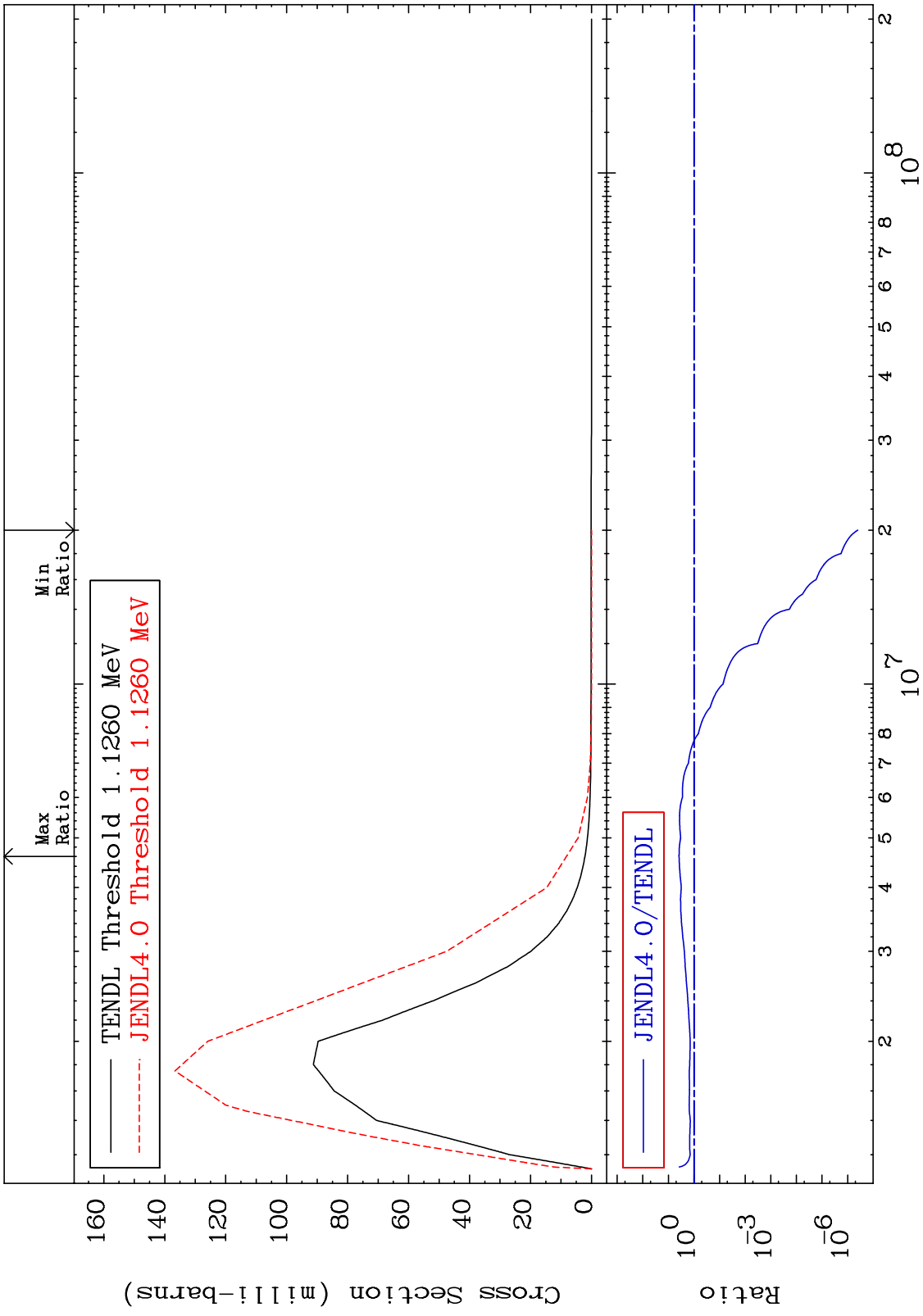
-100.0 To 2099. %



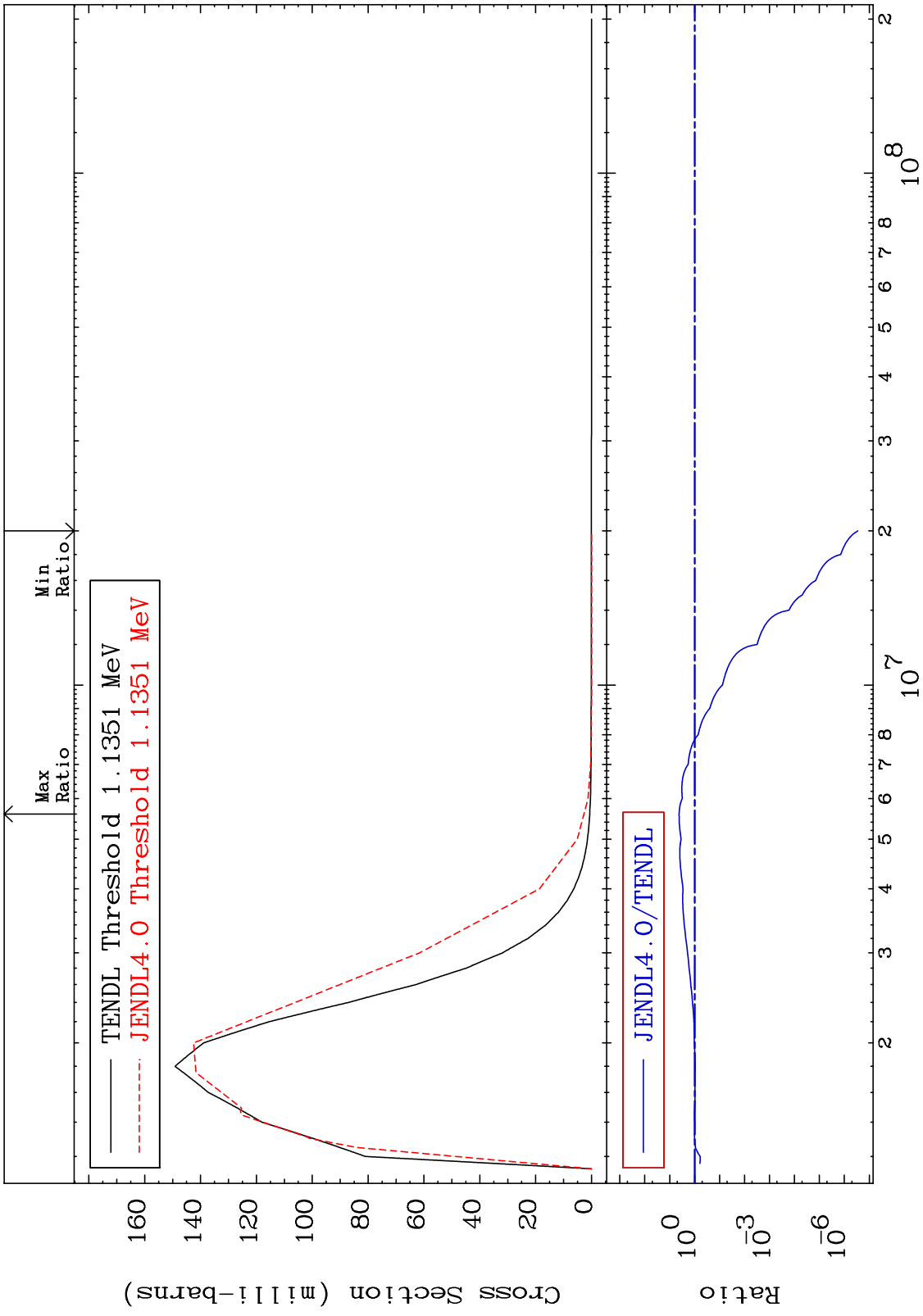
MAT 5925 MT= 51 (n,n') Level Cross Section 59-Pr-141 -100.0 To 392.4 %



MAT 5925 MT= 52 (n,n') Level Cross Section 59-Pr-141 -100.0 To 283.5 %



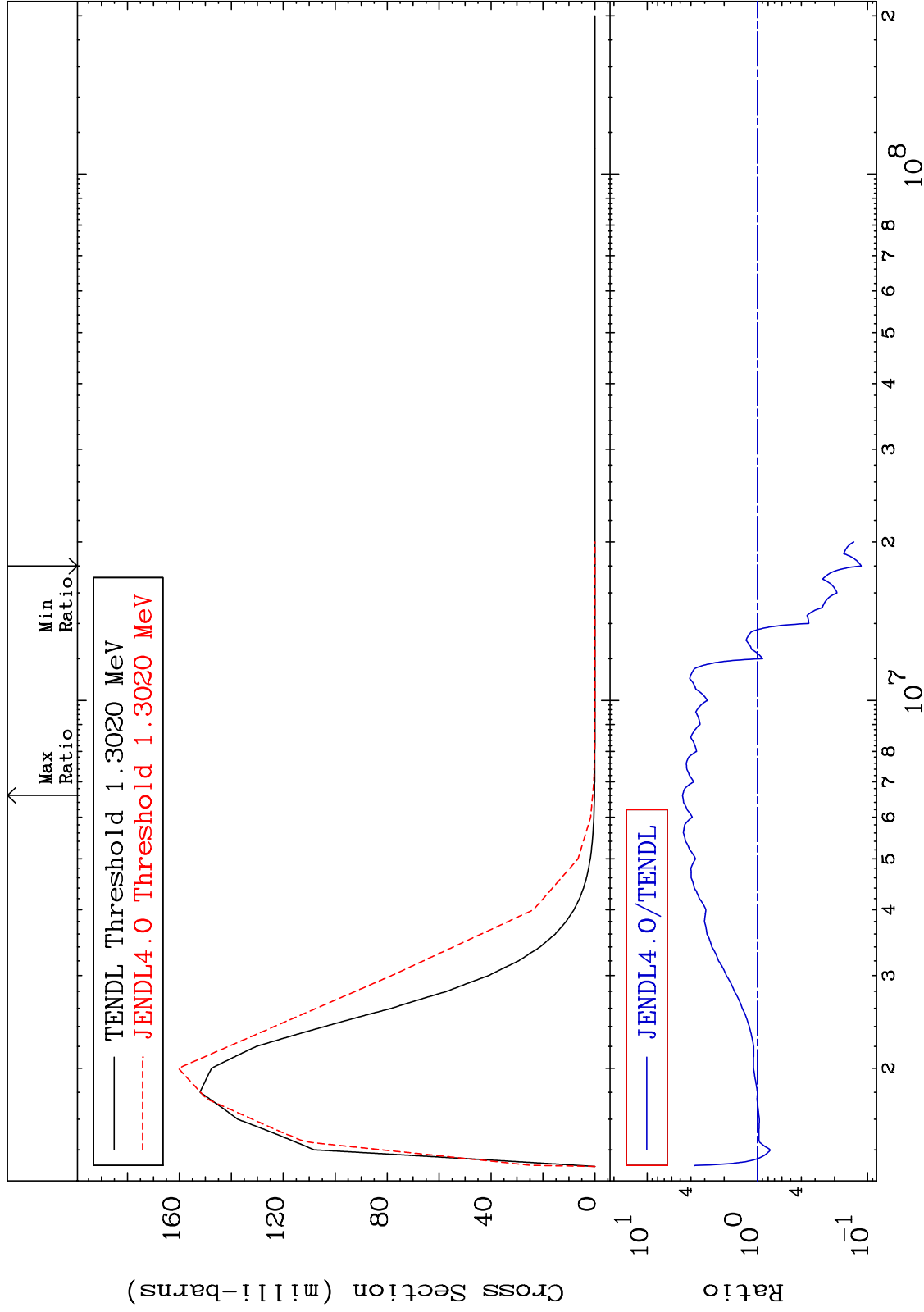
MAT 5925 MT= 53 (n, n') Level Cross Section 59-Pr-141 -100.0 To 322.3 %



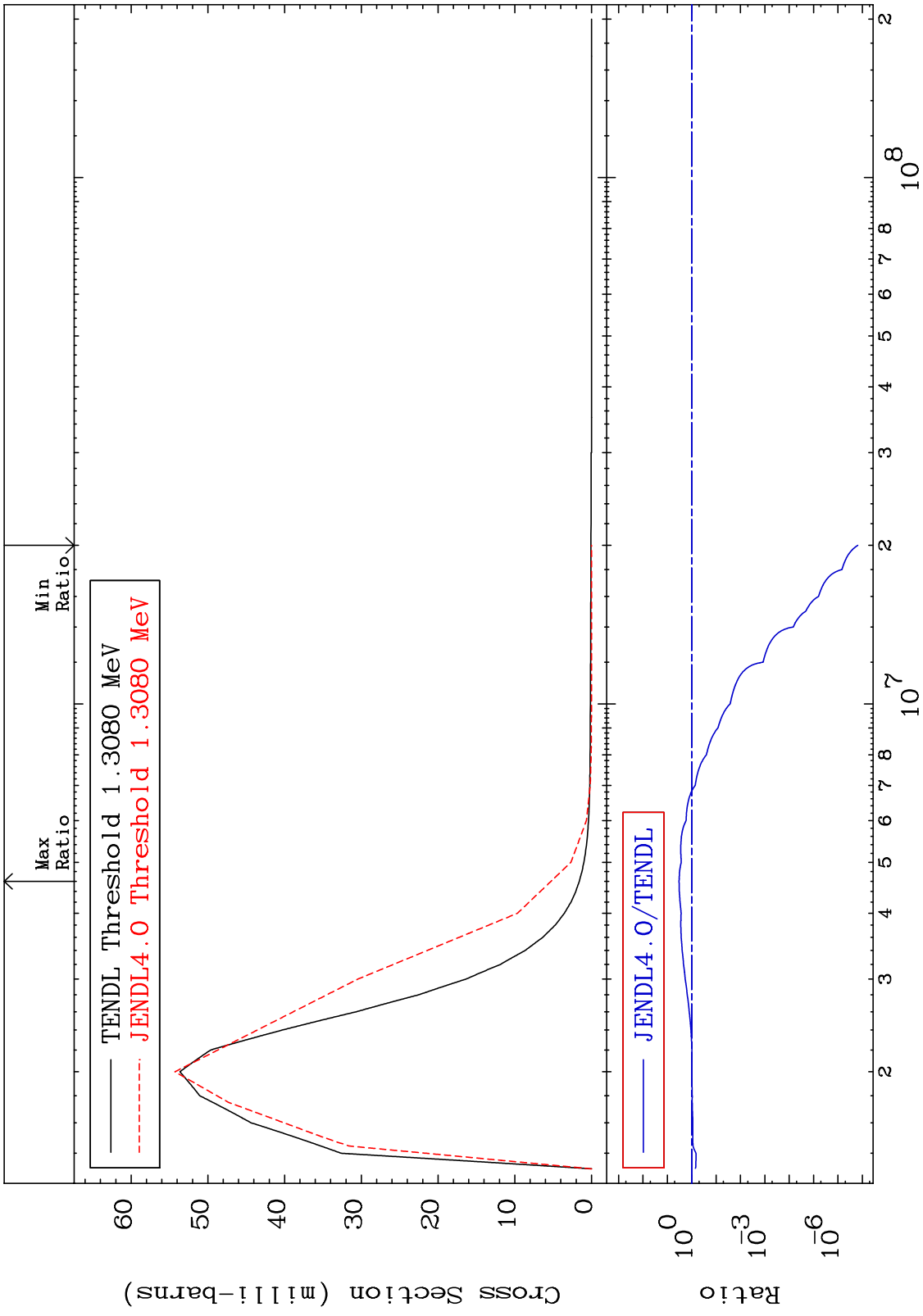
MAT 5925

MT= 54 (n,n') Level
Cross Section

59-Pr-141
-88.58 To 378.0 %



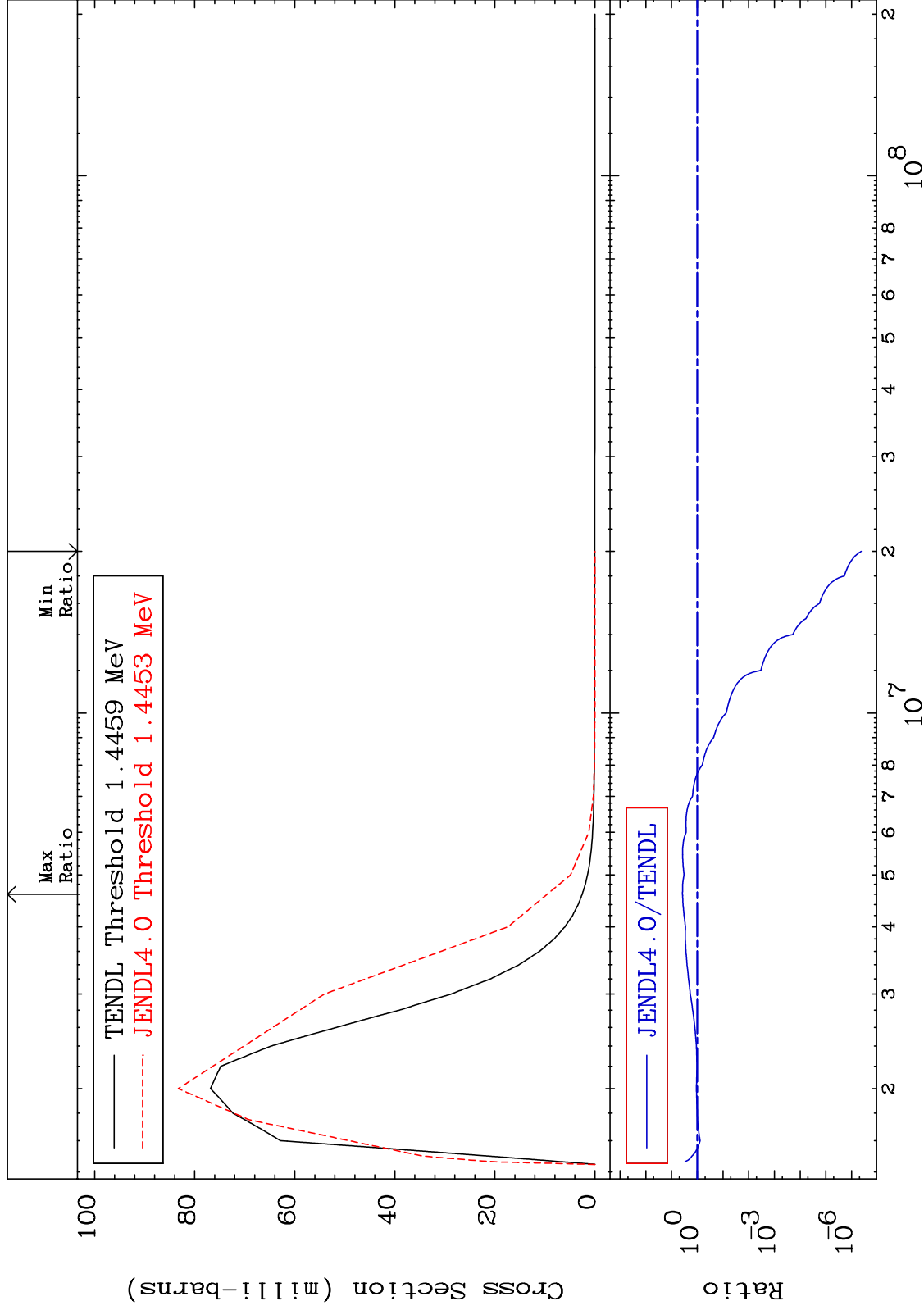
MAT 5925 MT= 55 (n,n') Level Cross Section -100.0 To 231.7 % 59-Pr-141



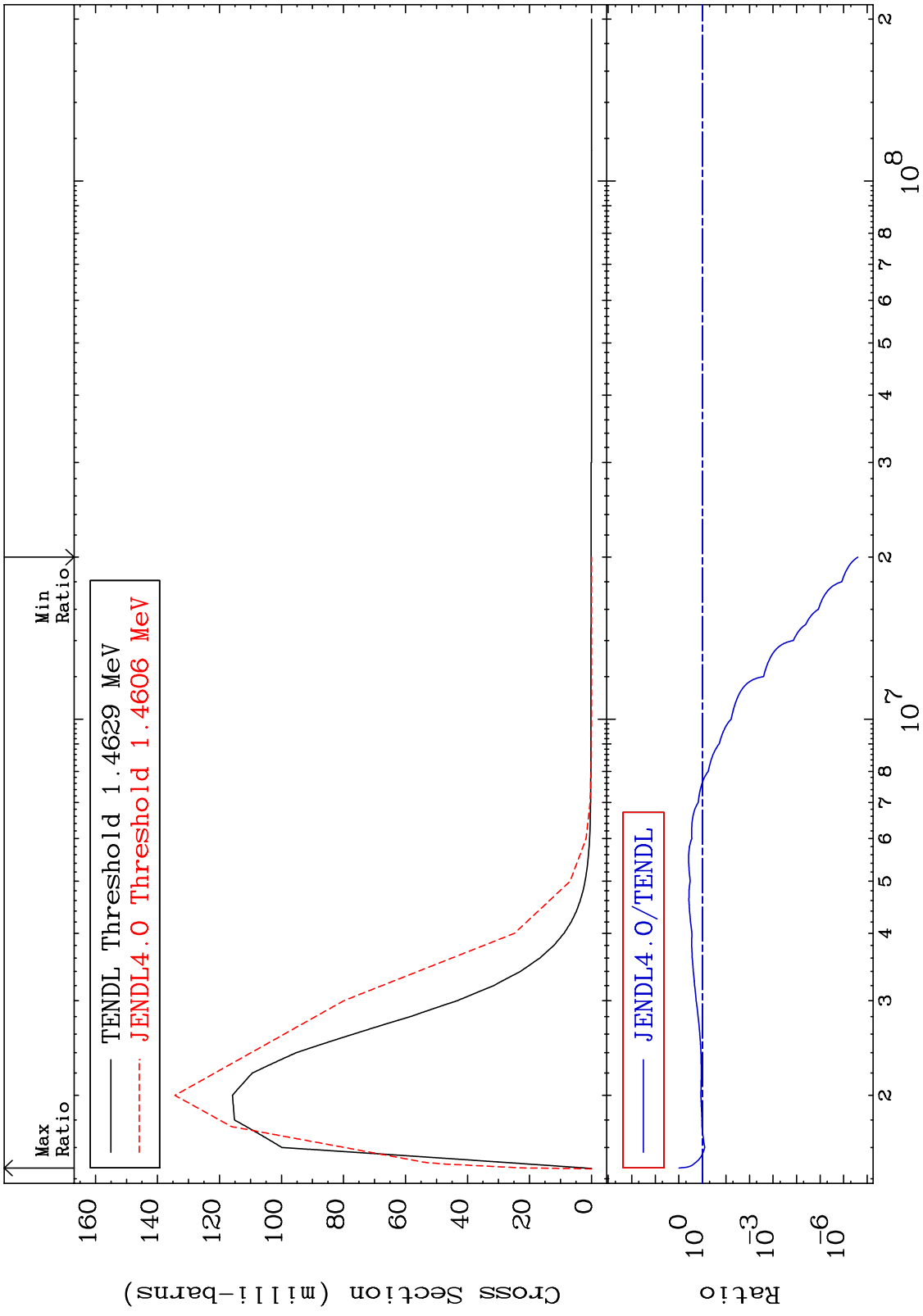
MAT 5925

MT= 56 (n,n') Level
Cross Section

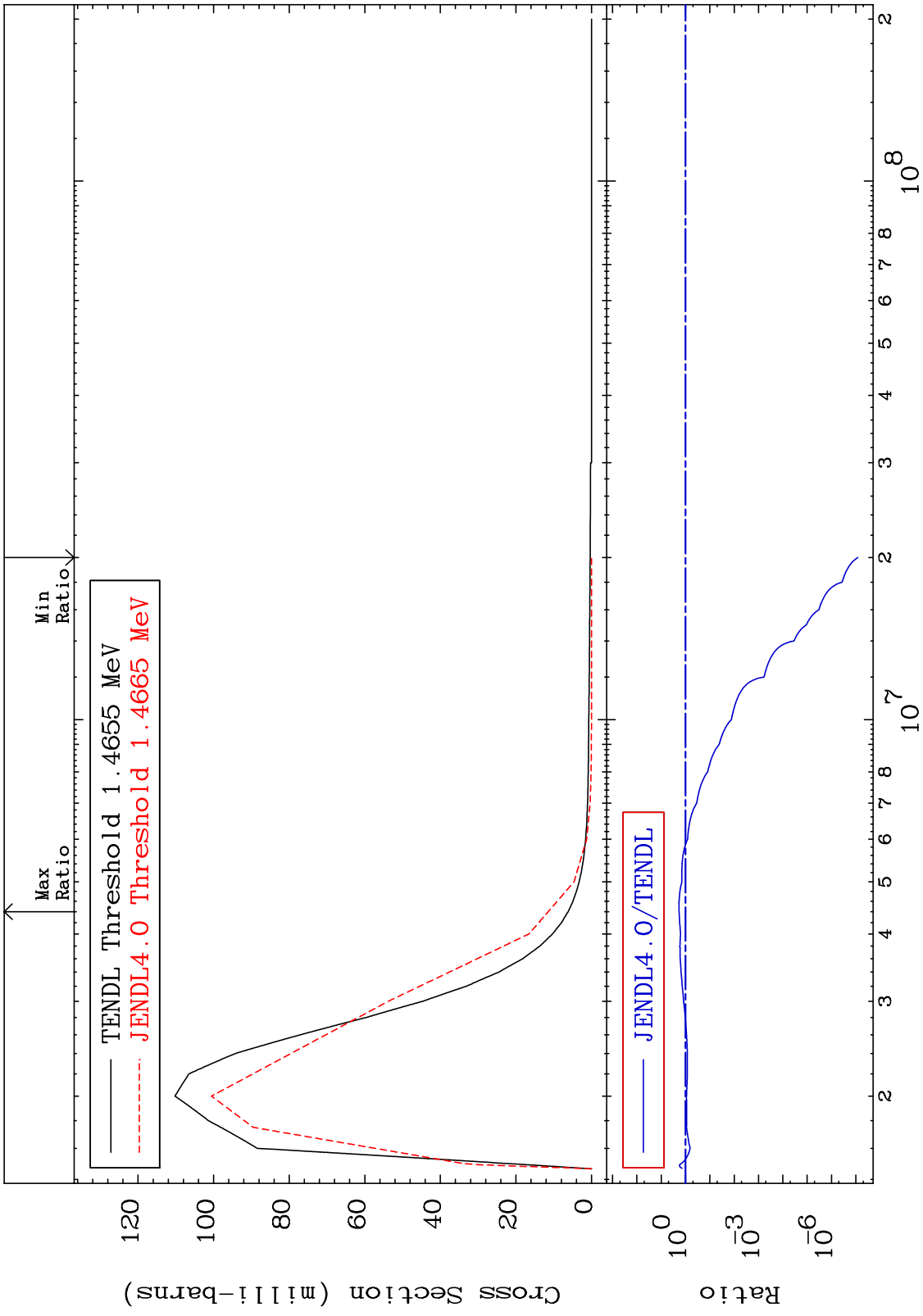
59-Pr-141
-100.0 To 276.8 %



MAT 5925 MT= 57 (n,n') Level Cross Section 59-Pr-141 -100.0 To 879.5 %



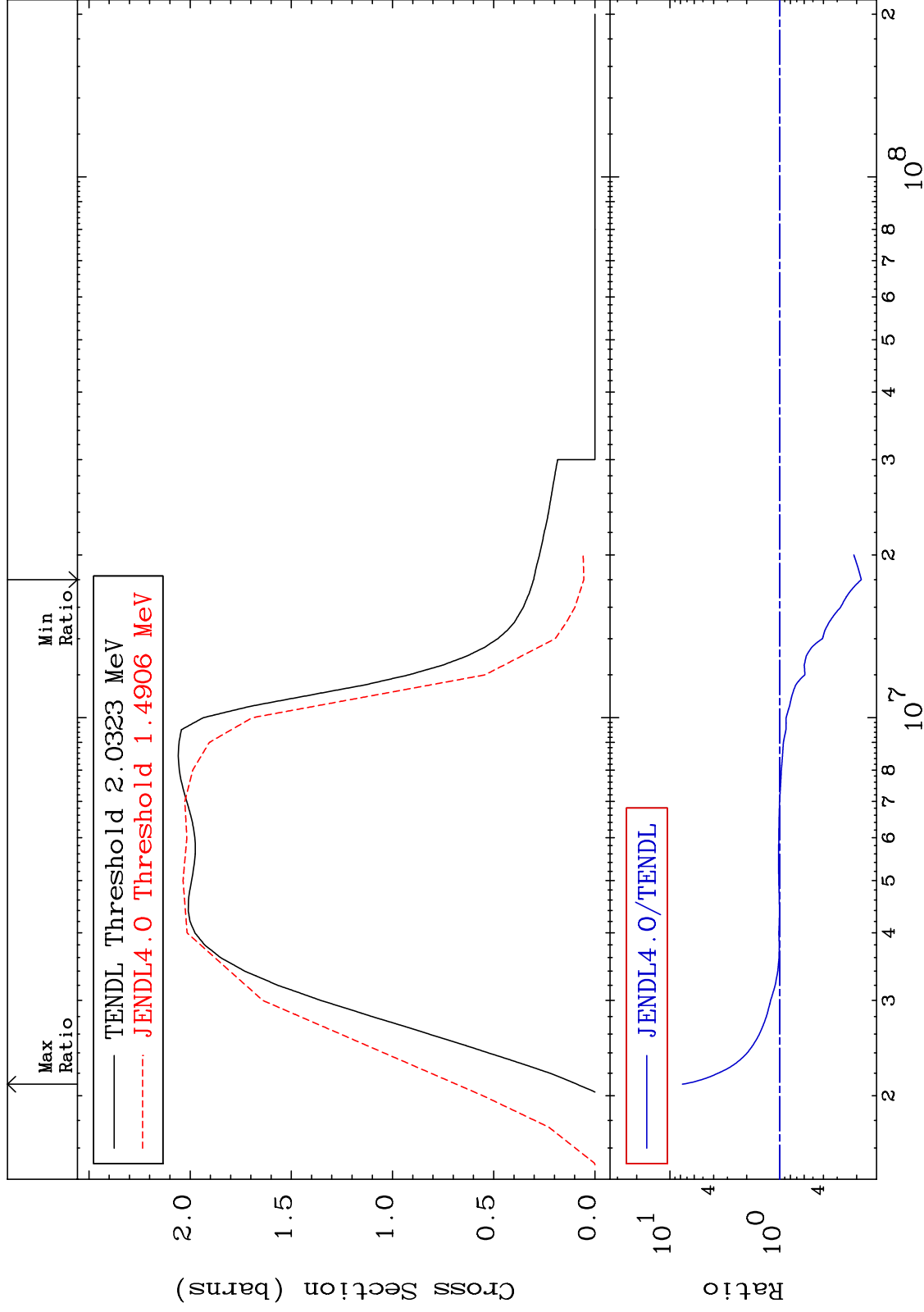
MAT 5925 MT= 58 (n,n') Level Cross Section 59-Pr-141 -100.0 To 85.04 %



MAT 5925

(n, n') Continuum
Cross Section

59-Pr-141
-81.88 To 668.2 %



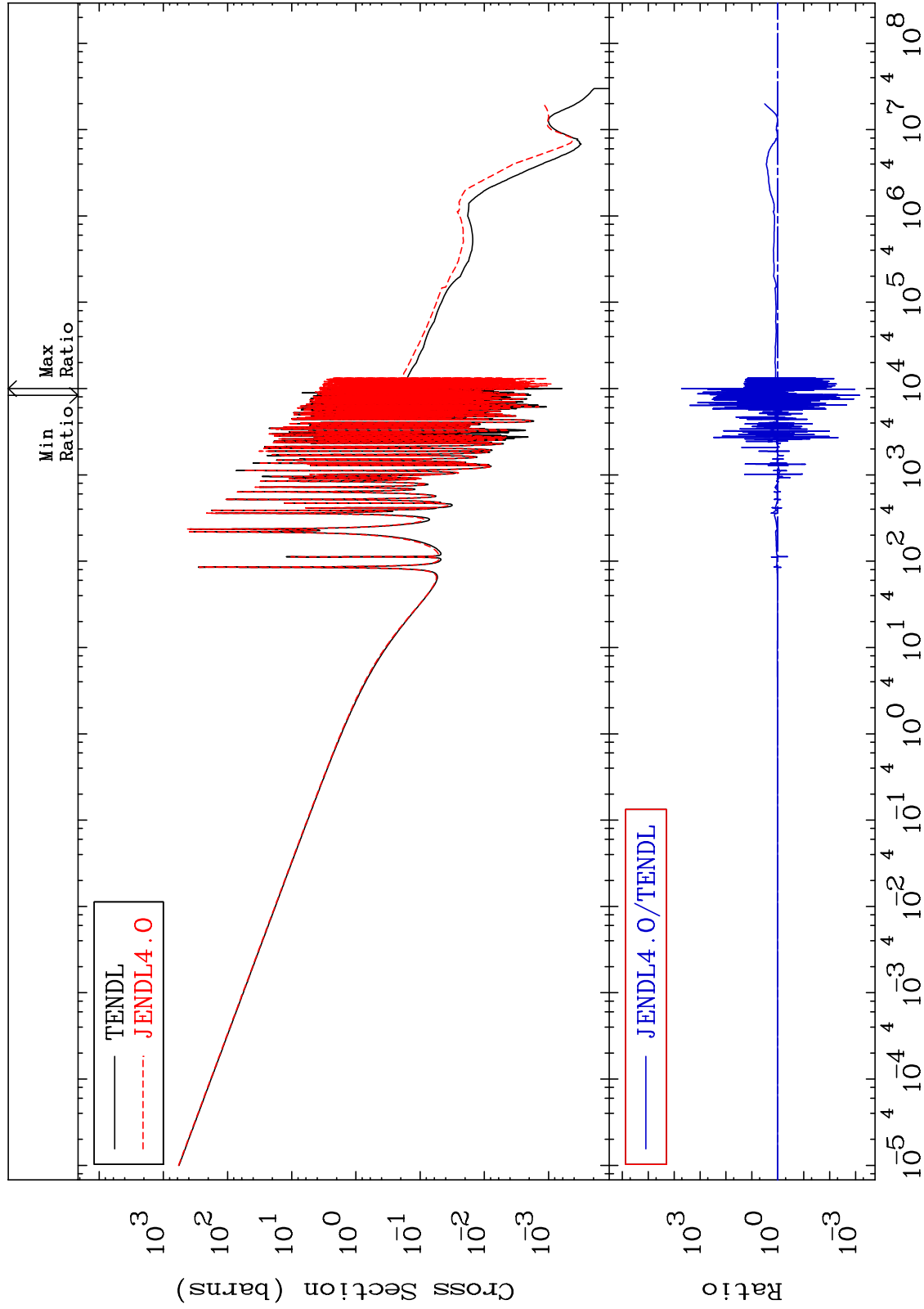
MAT 5925

(n, γ)

59-Pr-141

Cross Section

-99.93 To 9999. %



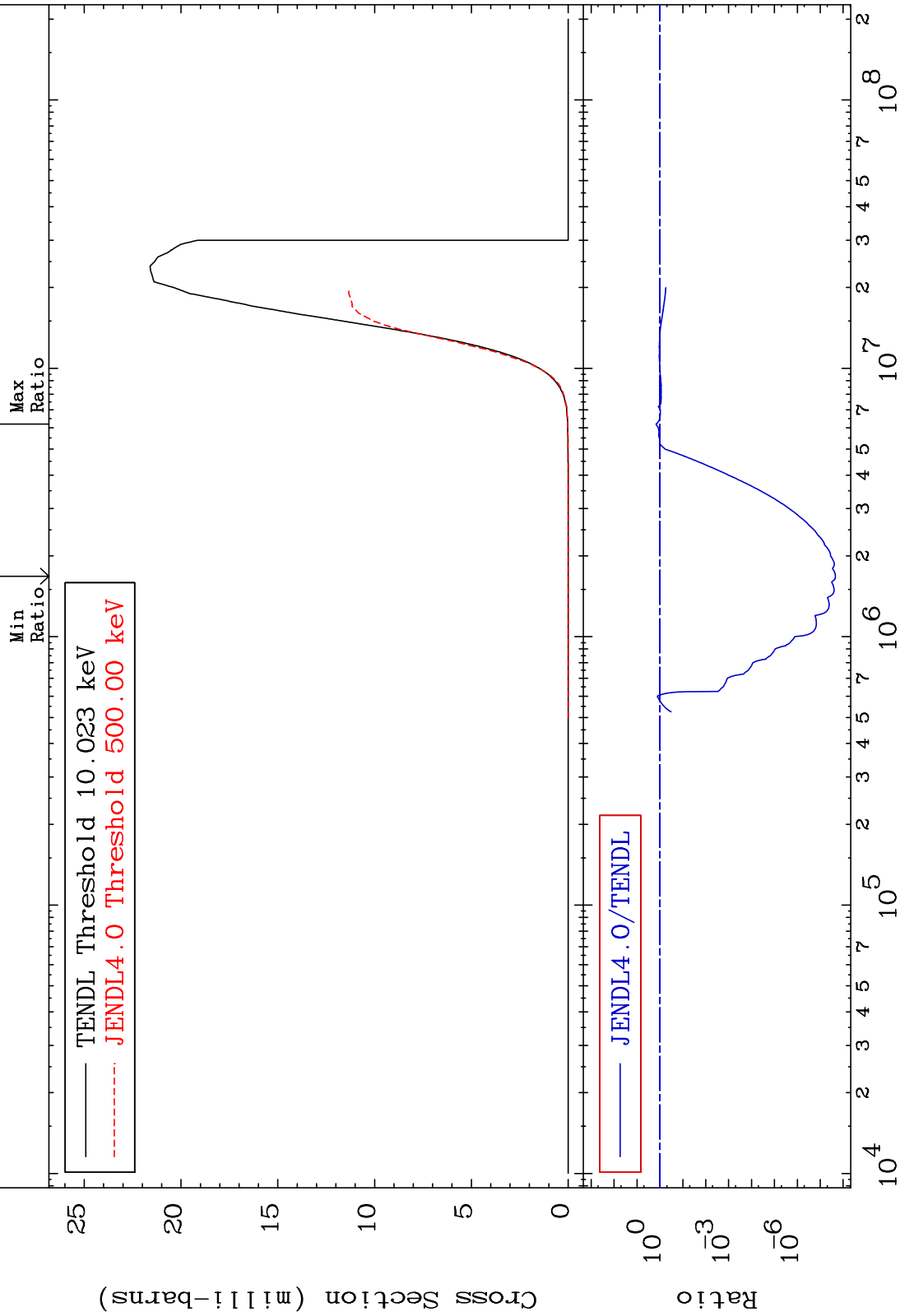
MAT 5925

(n,p)

59-Pr-141

-100.0 To 48.38 %

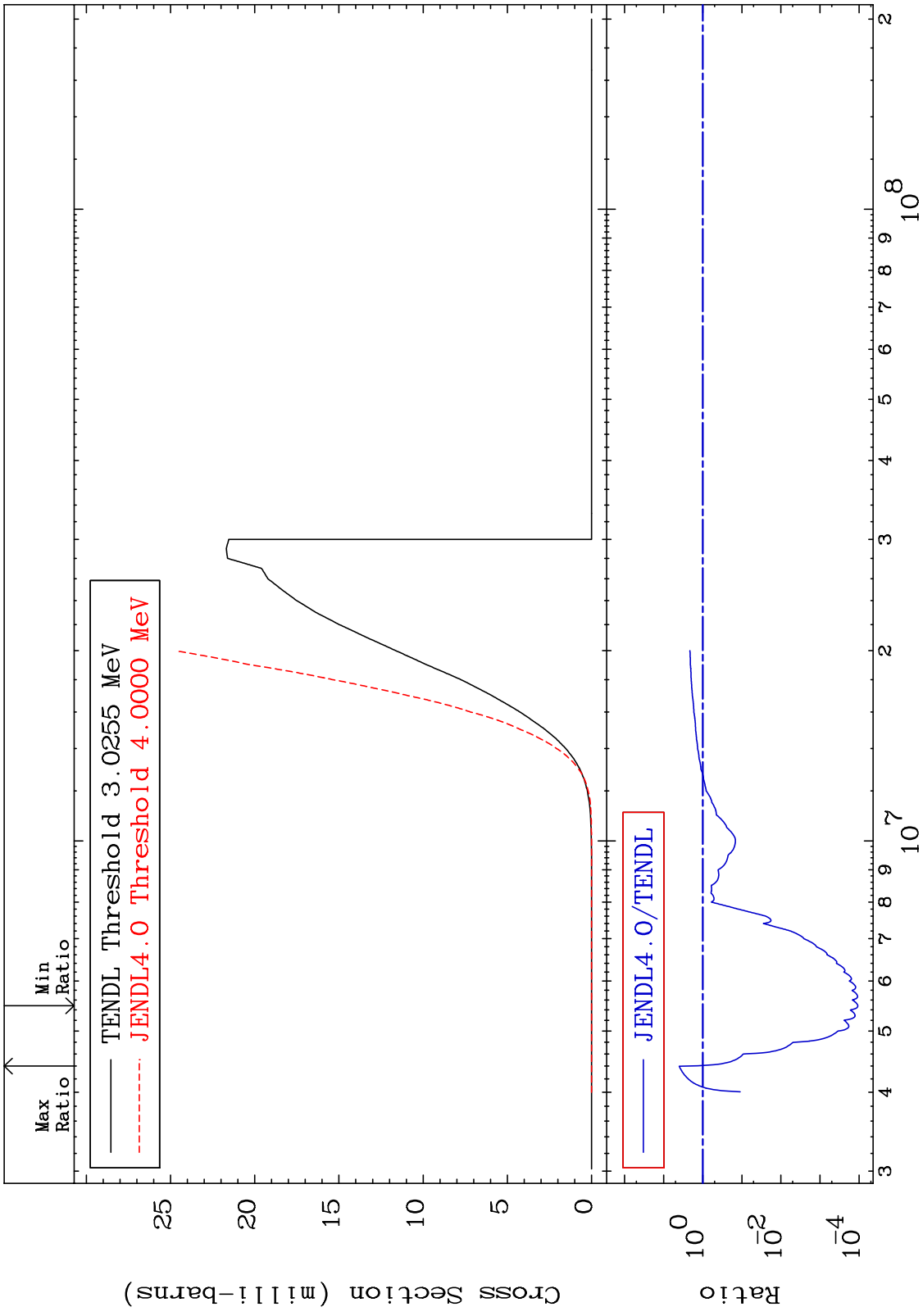
Cross Section



20

Incident Energy (eV)

59-Pr-141



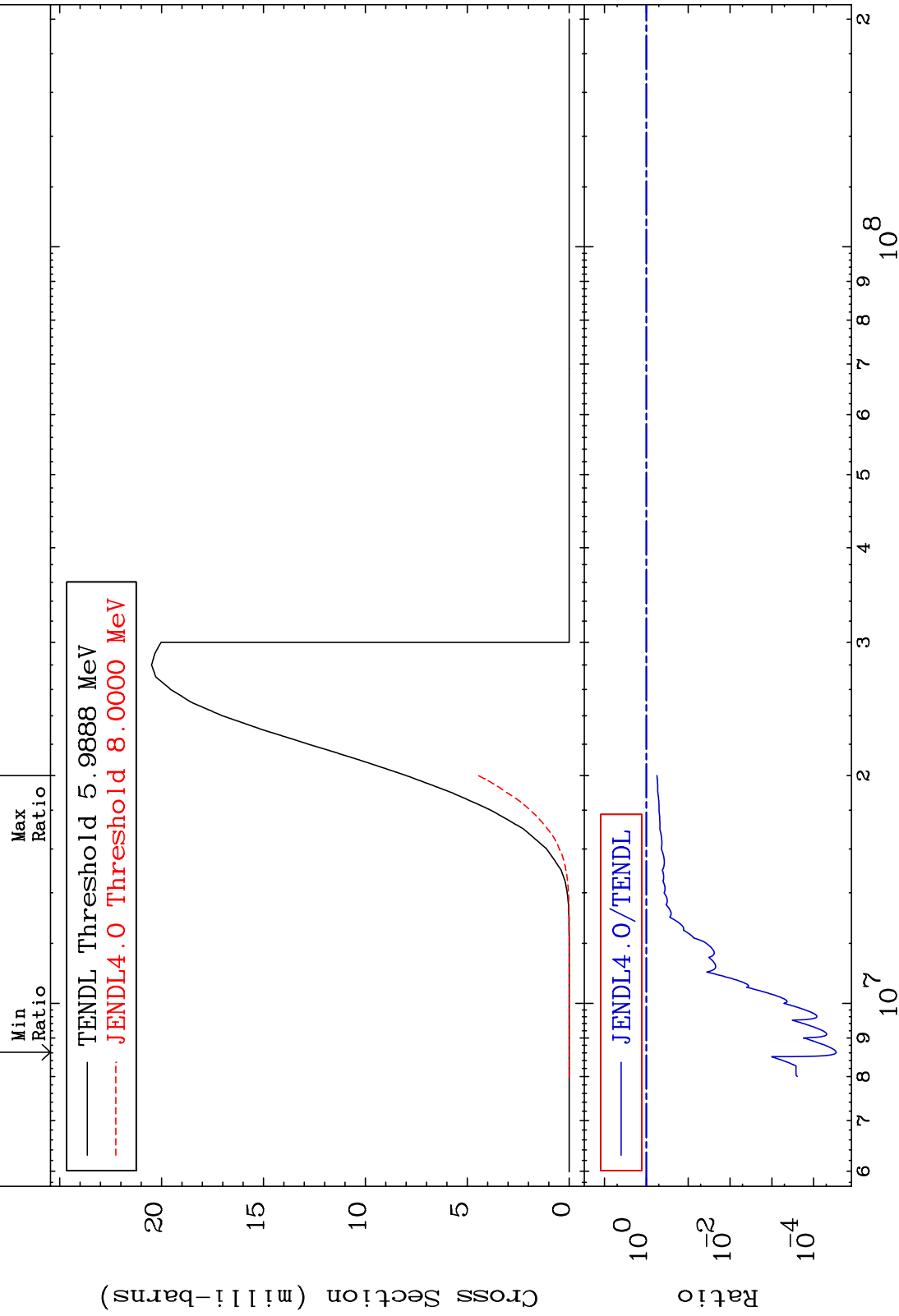
MAT 5925

(n, t)

59-Pr-141

-100.0 To -44.18%

Cross Section



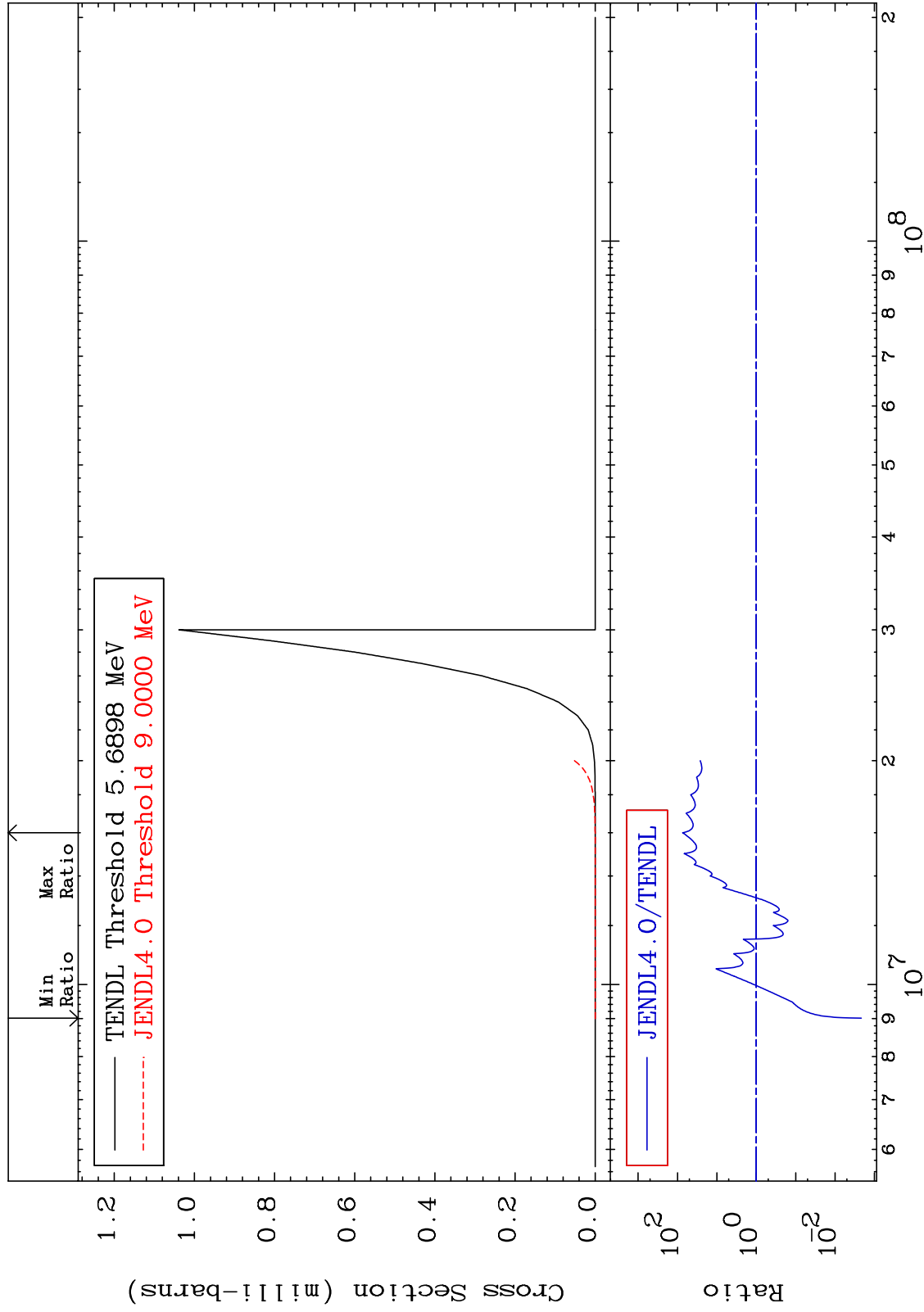
MAT 5925

(n, He-3)

59-Pr-141

Cross Section

-99.79 To 7289. %



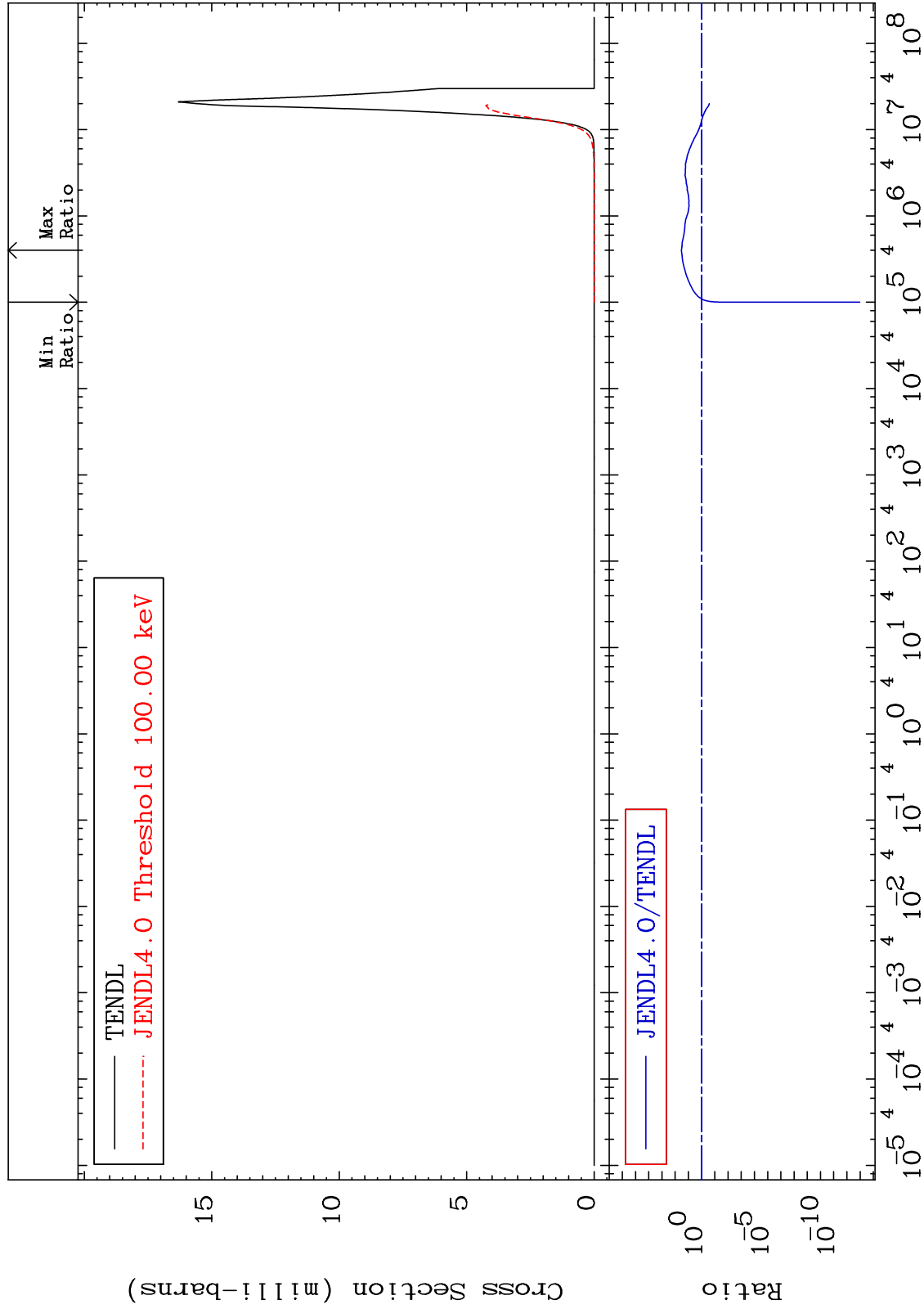
MAT 5925

(n, α)

59-Pr-141

Cross Section

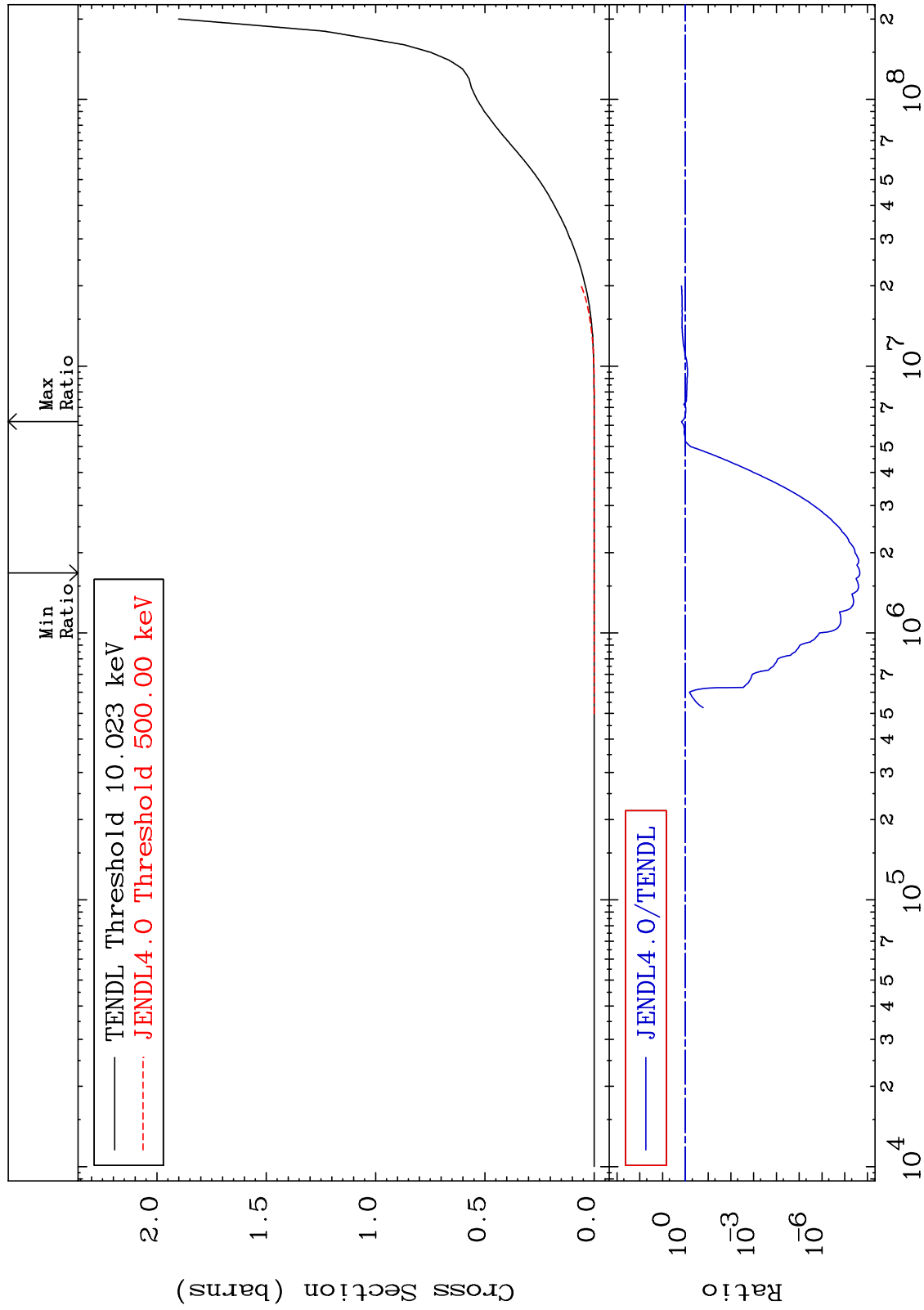
-100.0 To 3231. %



MAT 5925

Hydrogen Production
Cross Section

59-Pr-141
-100.0 To 48.38 %



25

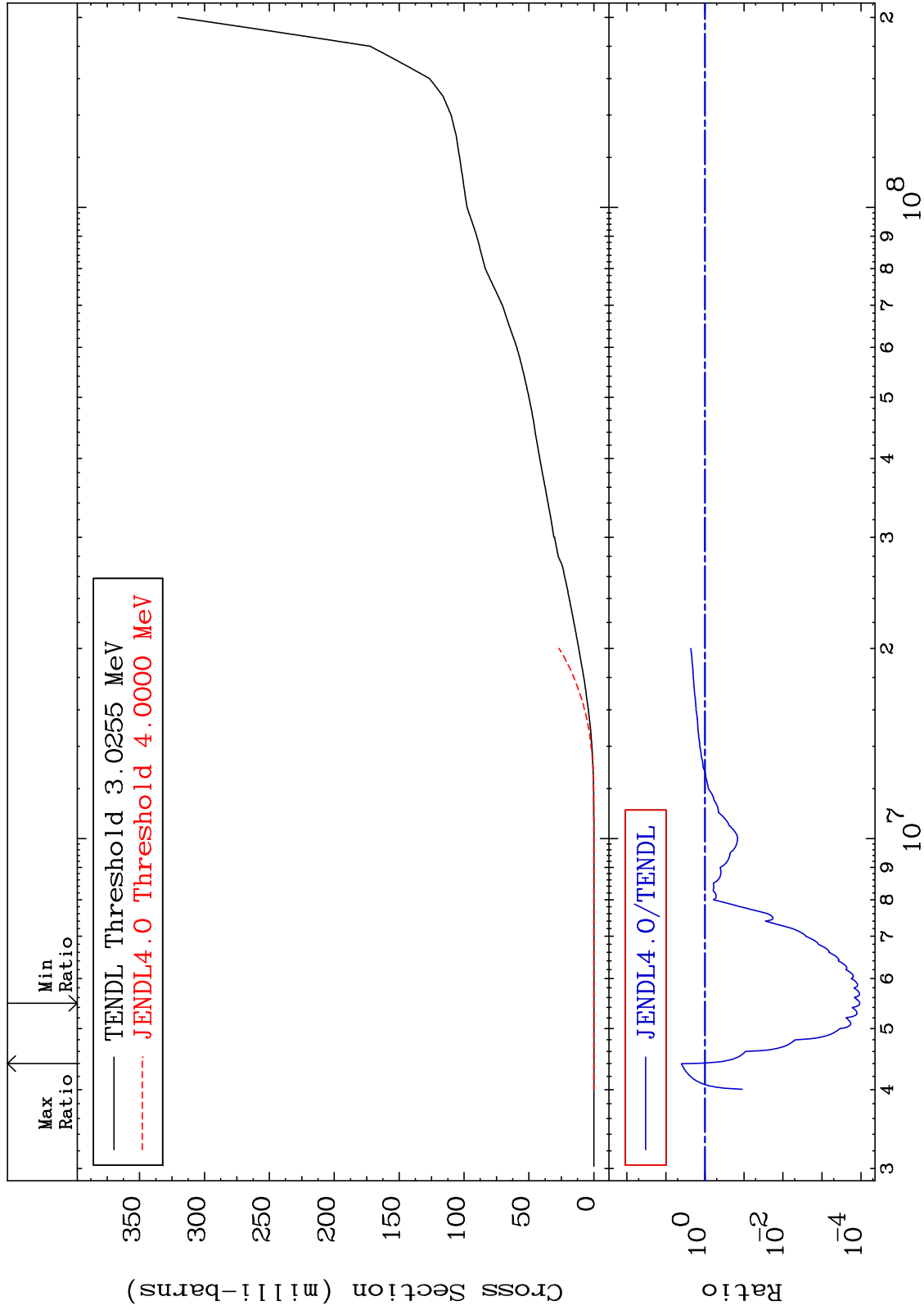
Incident Energy (eV)

59-Pr-141

MAT 5925

Deuterium Production
Cross Section

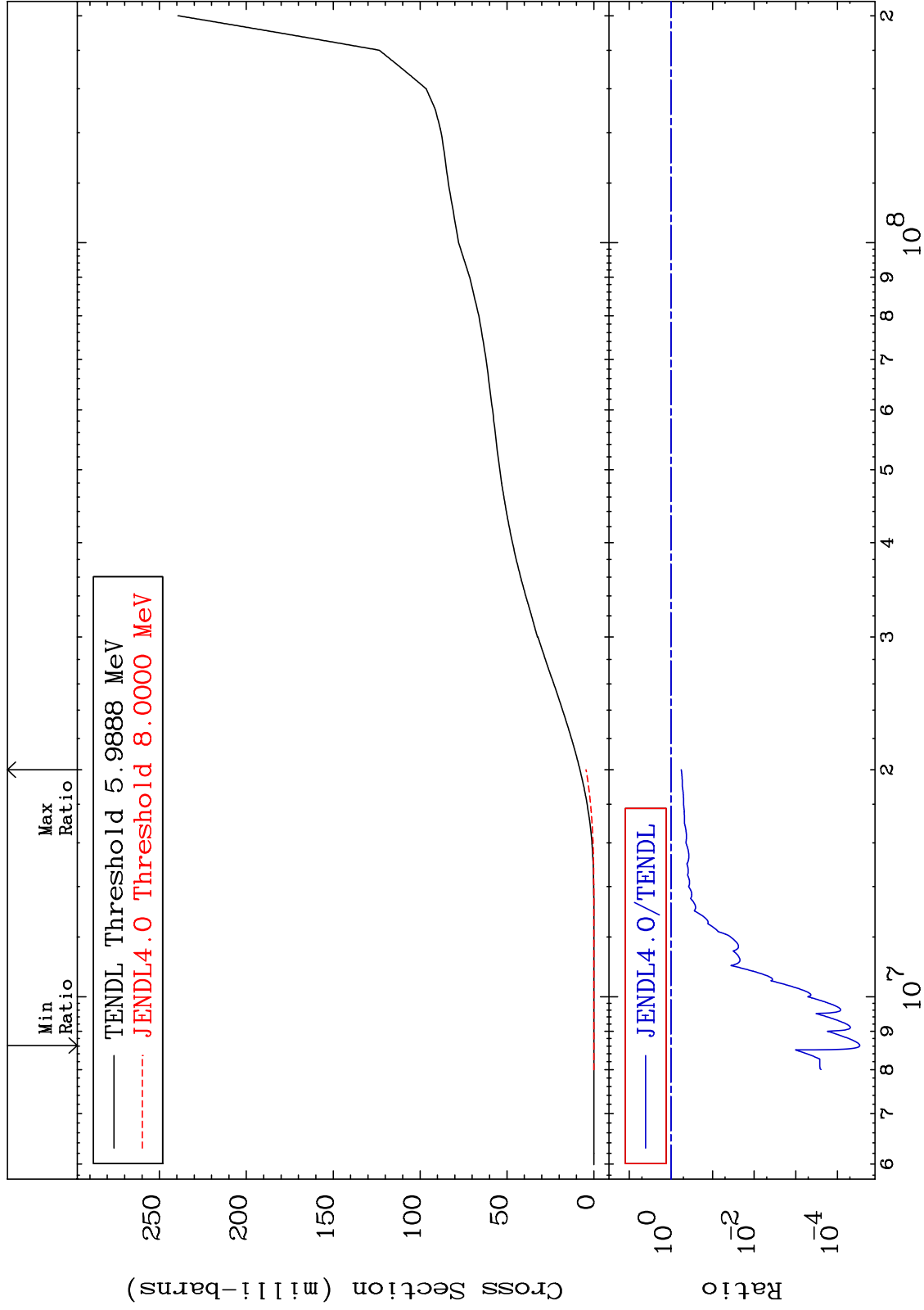
59-Pr-141
-99.99 To 304.5 %

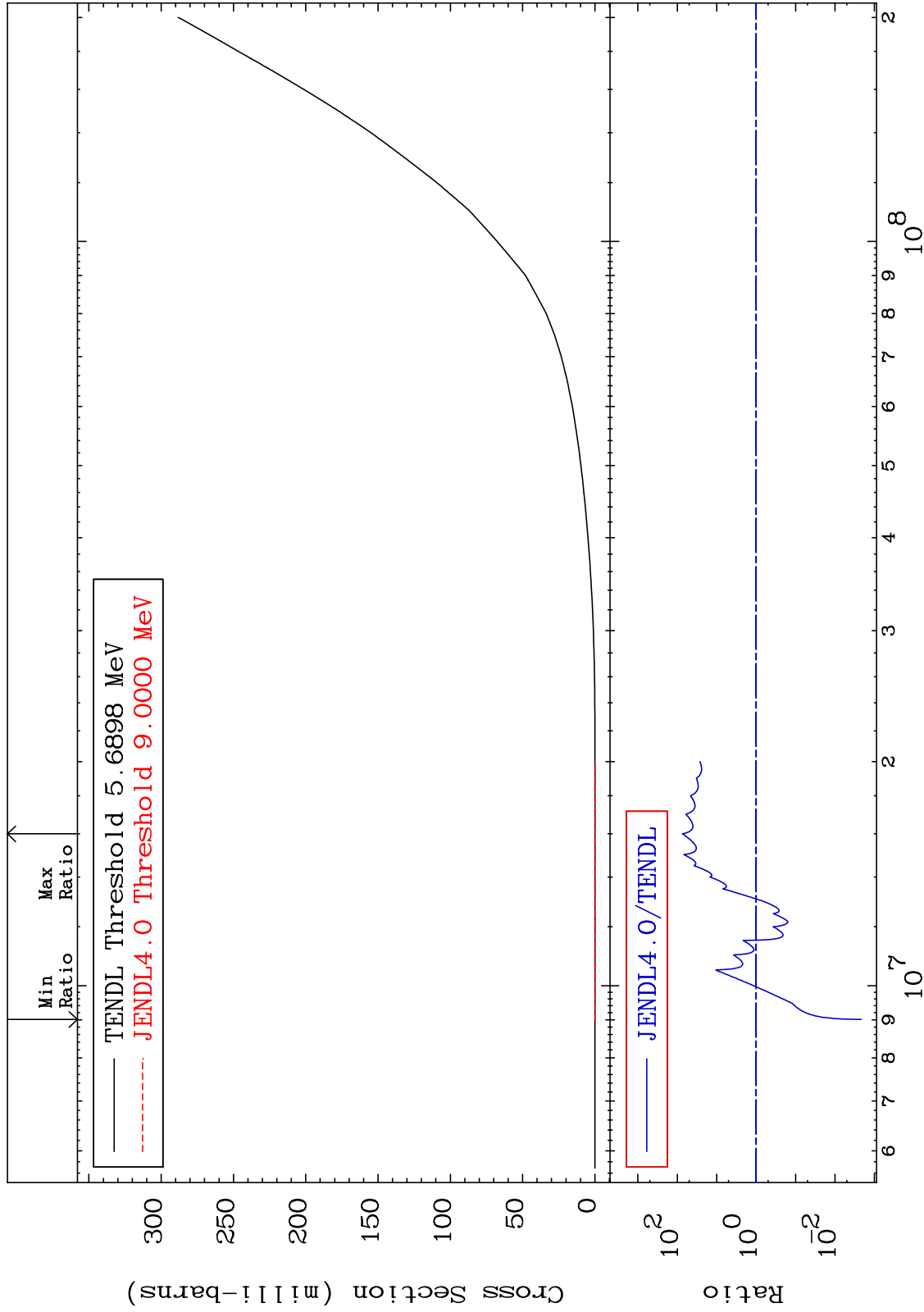


MAT 5925

Tritium Production
Cross Section

59-Pr-141
-100.0 To -43.47%

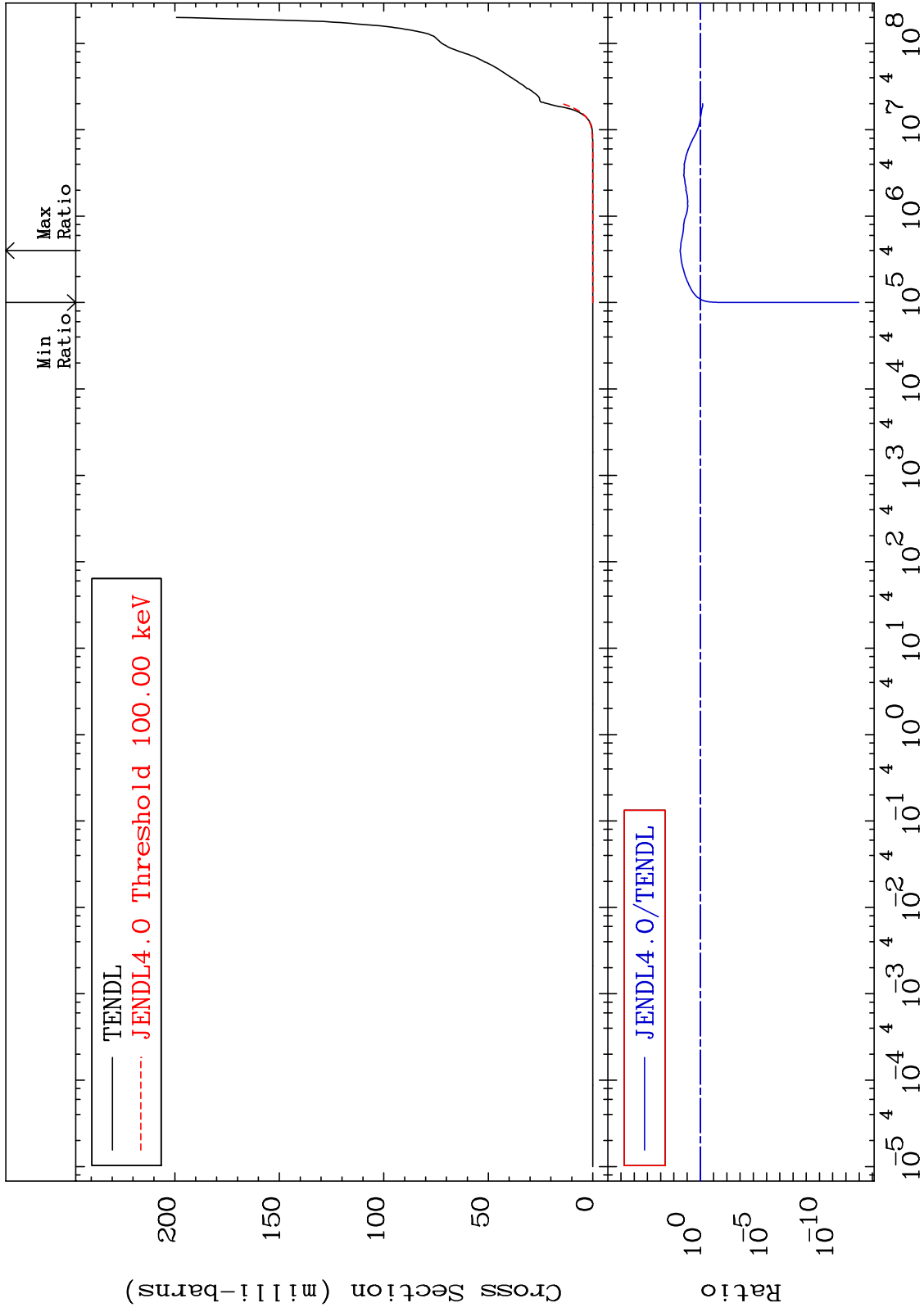




MAT 5925

He-4 Production
Cross Section

59-Pr-141
-100.0 To 3231. %

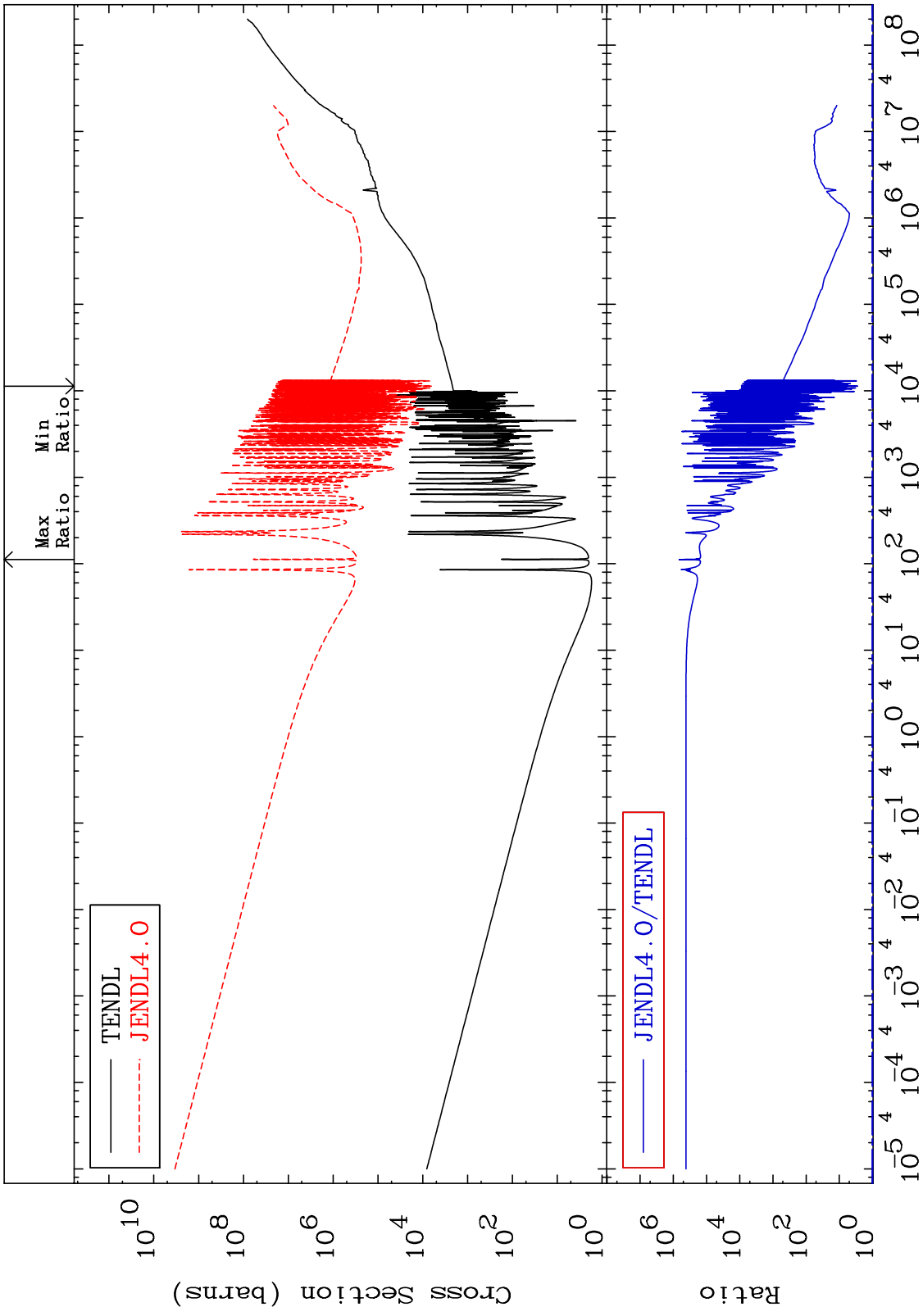


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Incident Energy (eV)

59-Pr-141

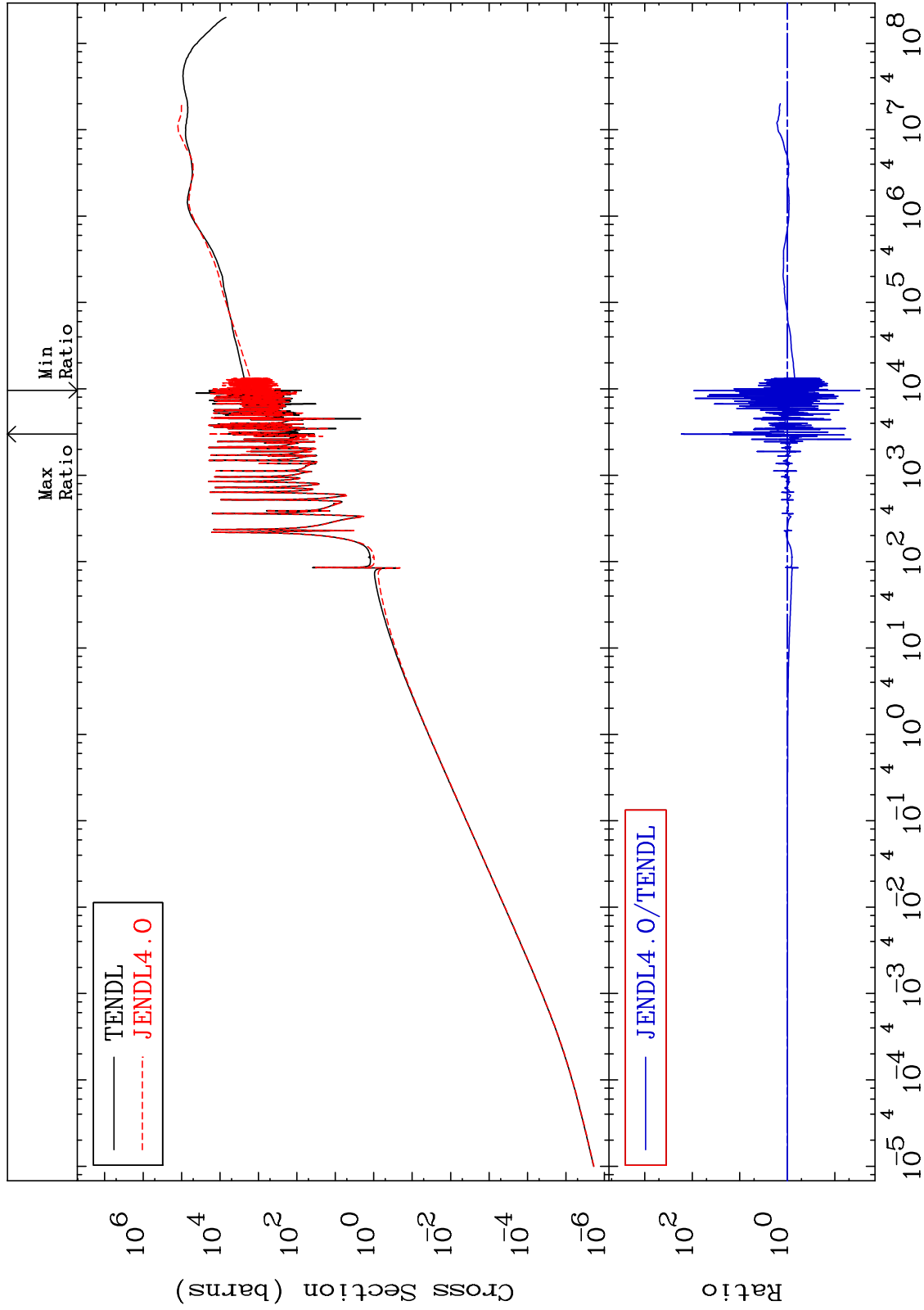
MAT 5925 Kerma total (eV-barns) 59-Pr-141
 Cross Section 176.3 To 9999. %



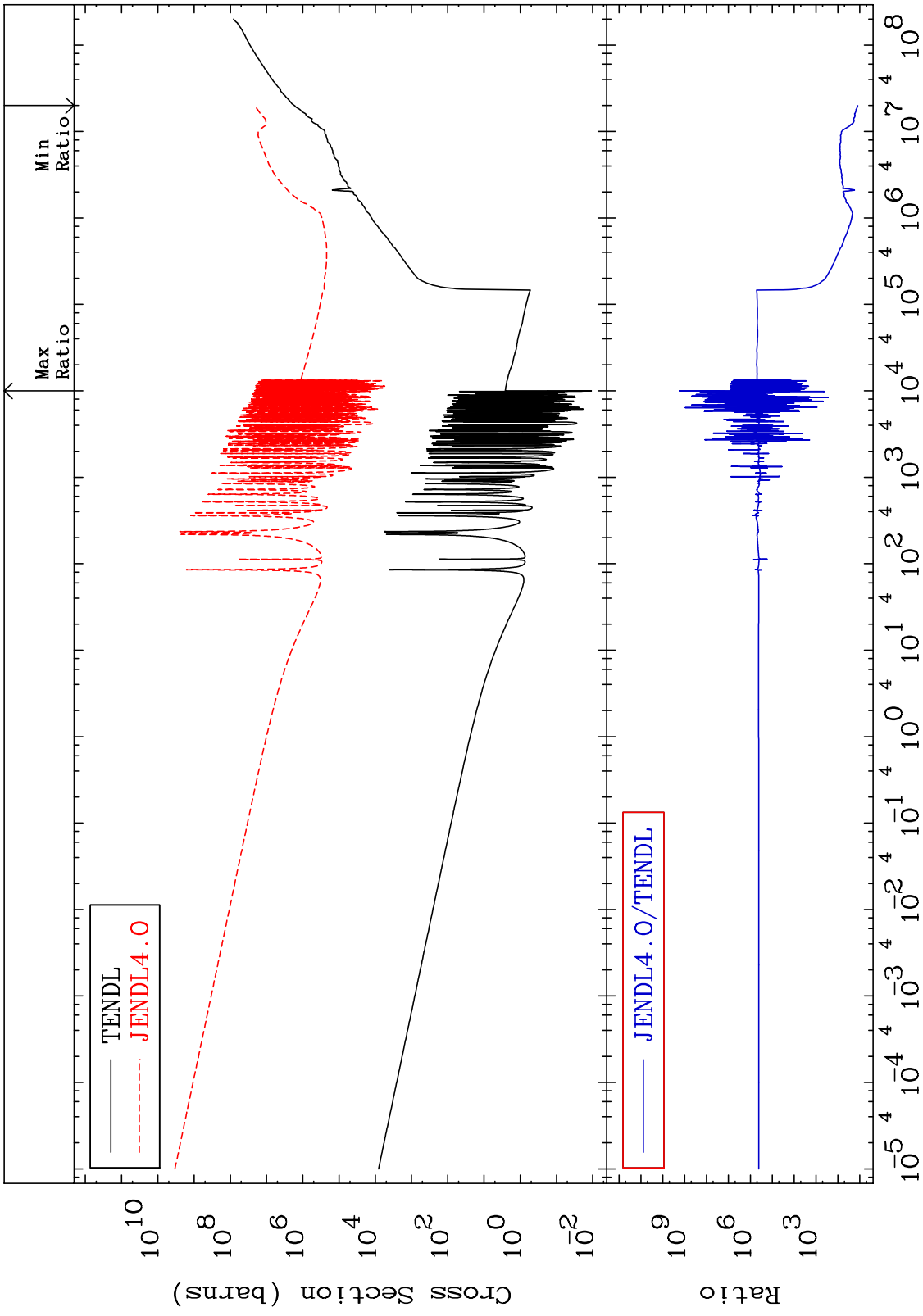
MAT 5925

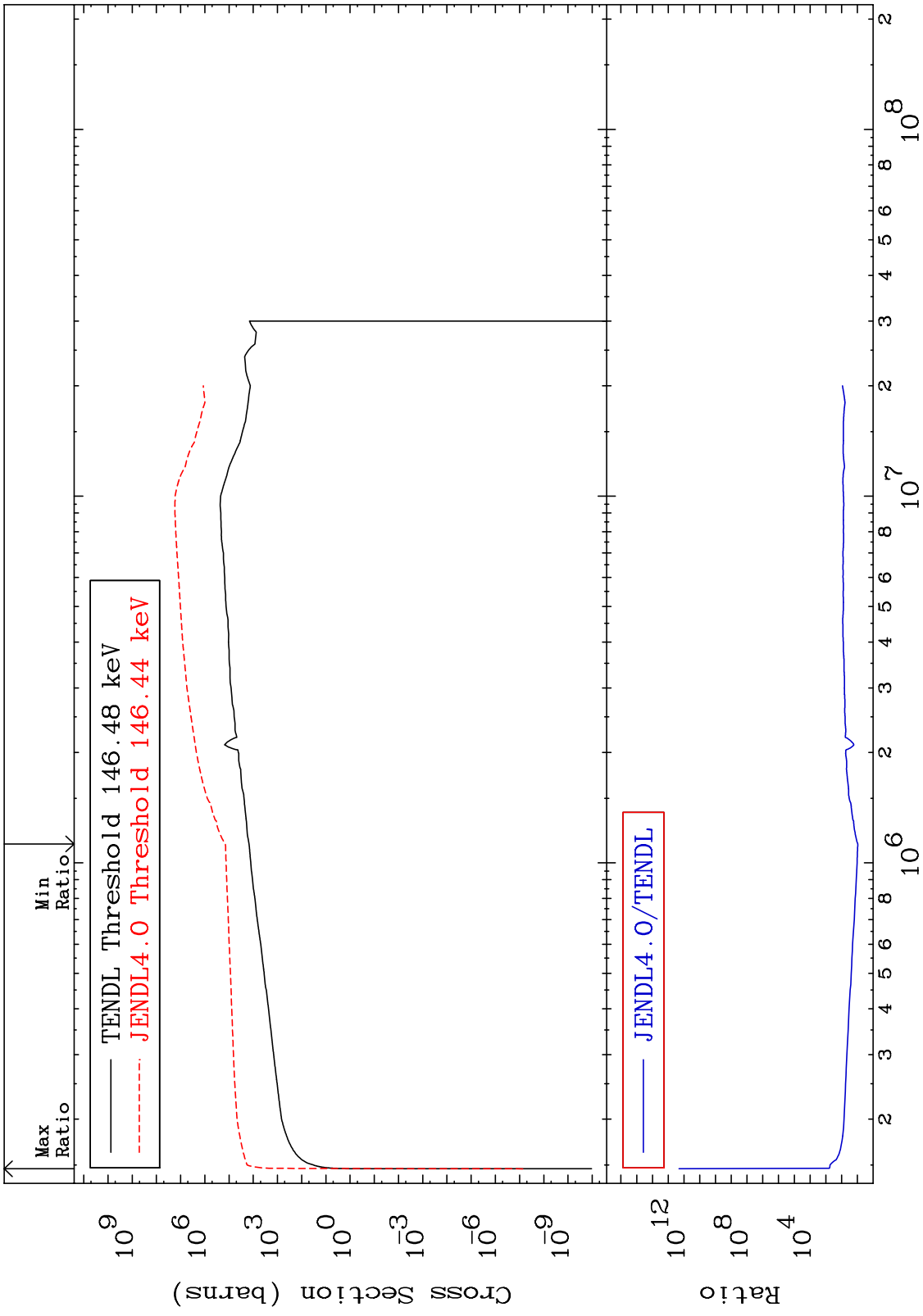
Kerma elastic
Cross Section

59-Pr-141
-97.03 To 9999. %



MAT 5925 Kerma non-elastic (all but mt2) 59-Pr-141
 Cross Section 1135. To 9999. %

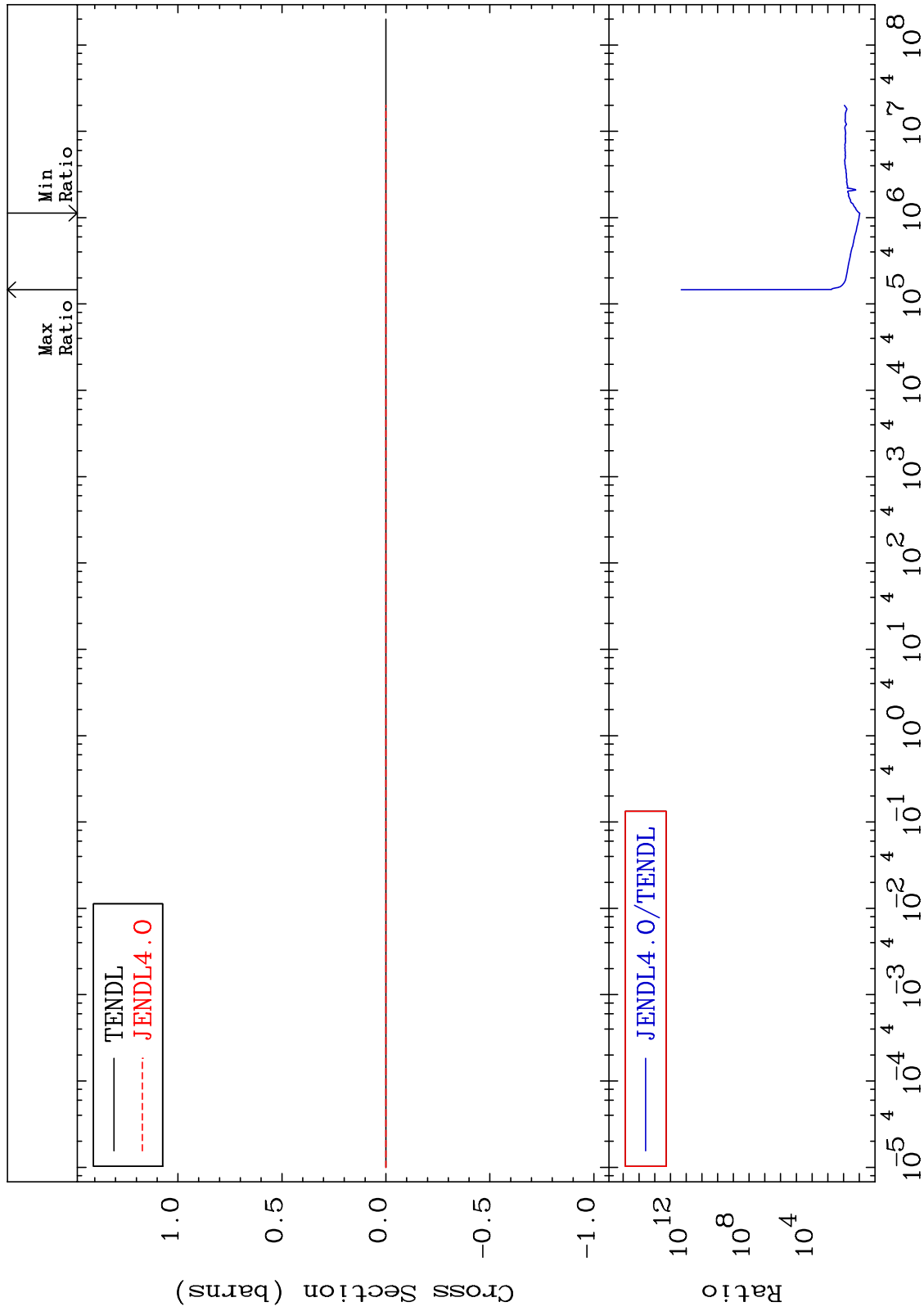




MAT 5925

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

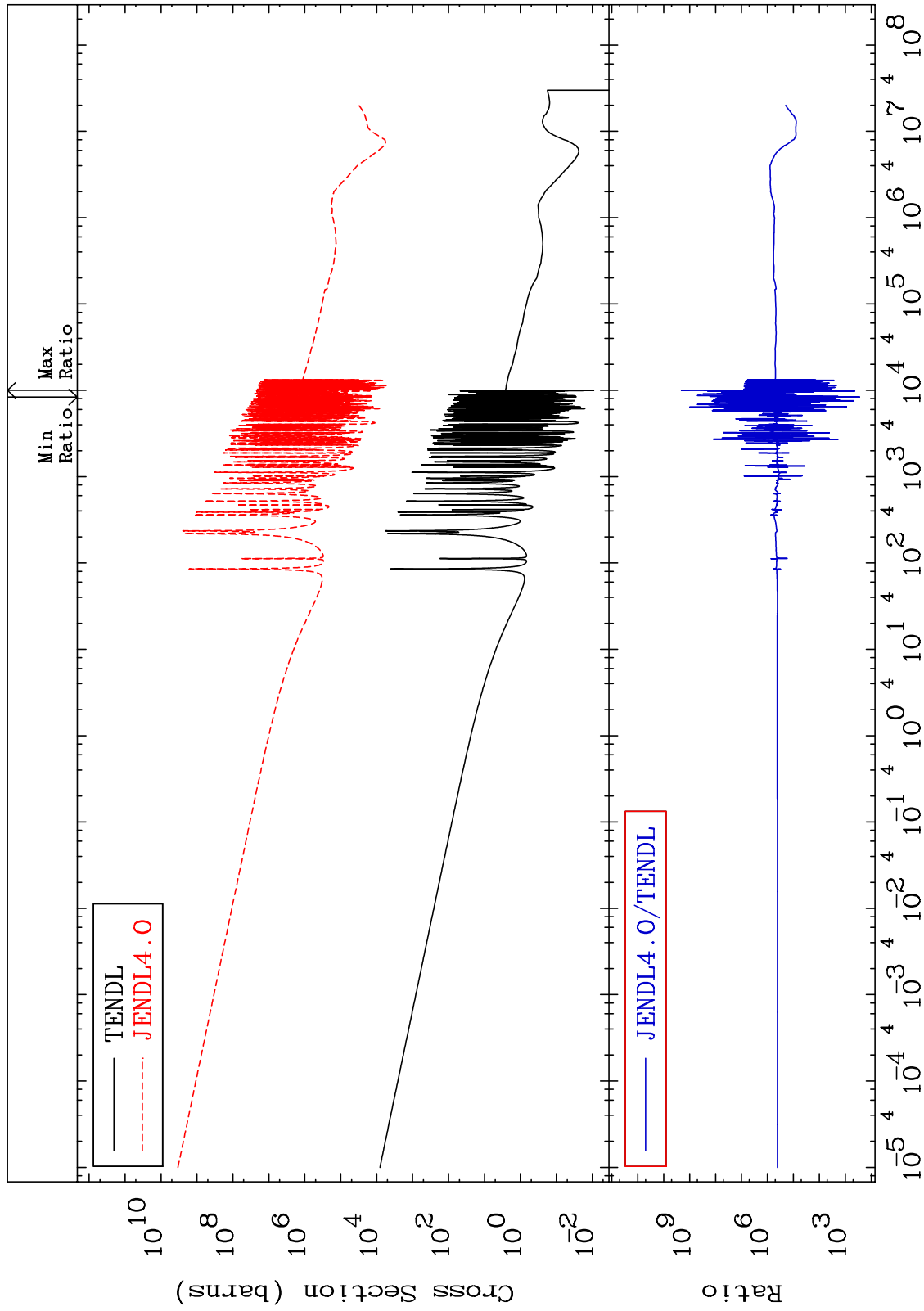
59-Pr-141
832.2 To 9999. %



MAT 5925

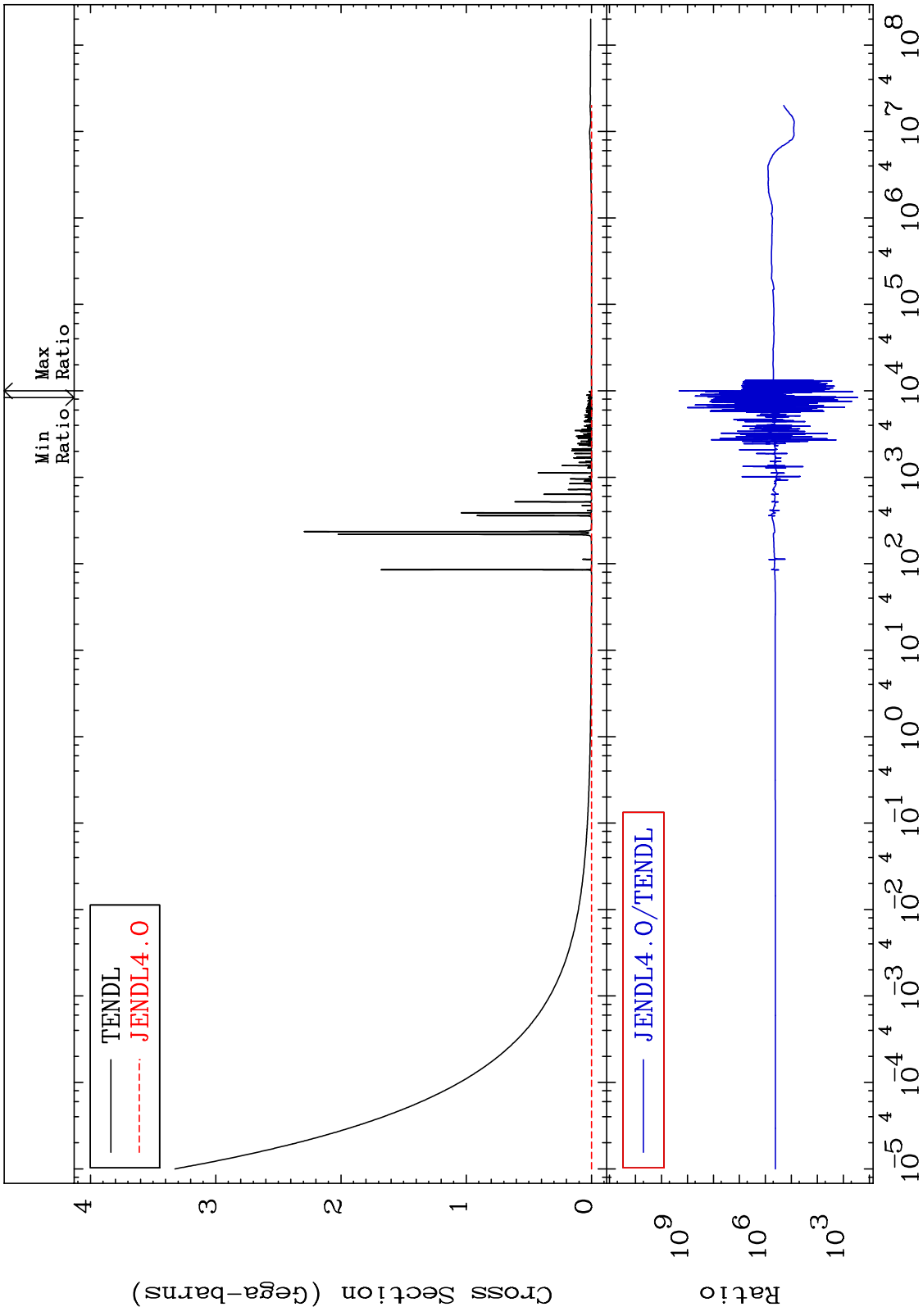
Kerma capture (mt102)
Cross Section

59-Pr-141
9999. To 9999. %



MAT 5925 59-Pr-141 9999. To 9999. %

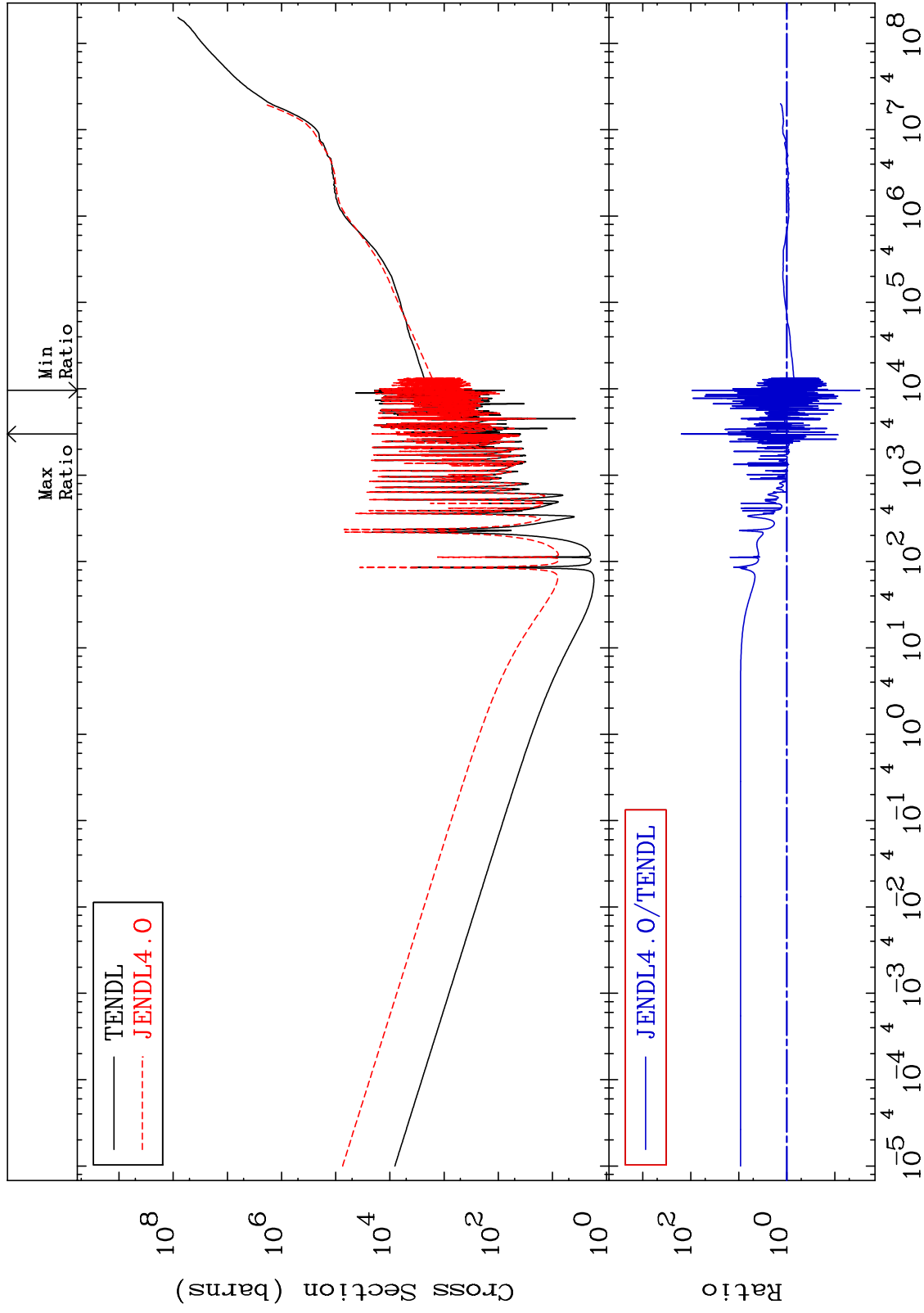
Total photon (eV-barns)
Cross Section



MAT 5925

Total kinematic kerma (high limit)
Cross Section

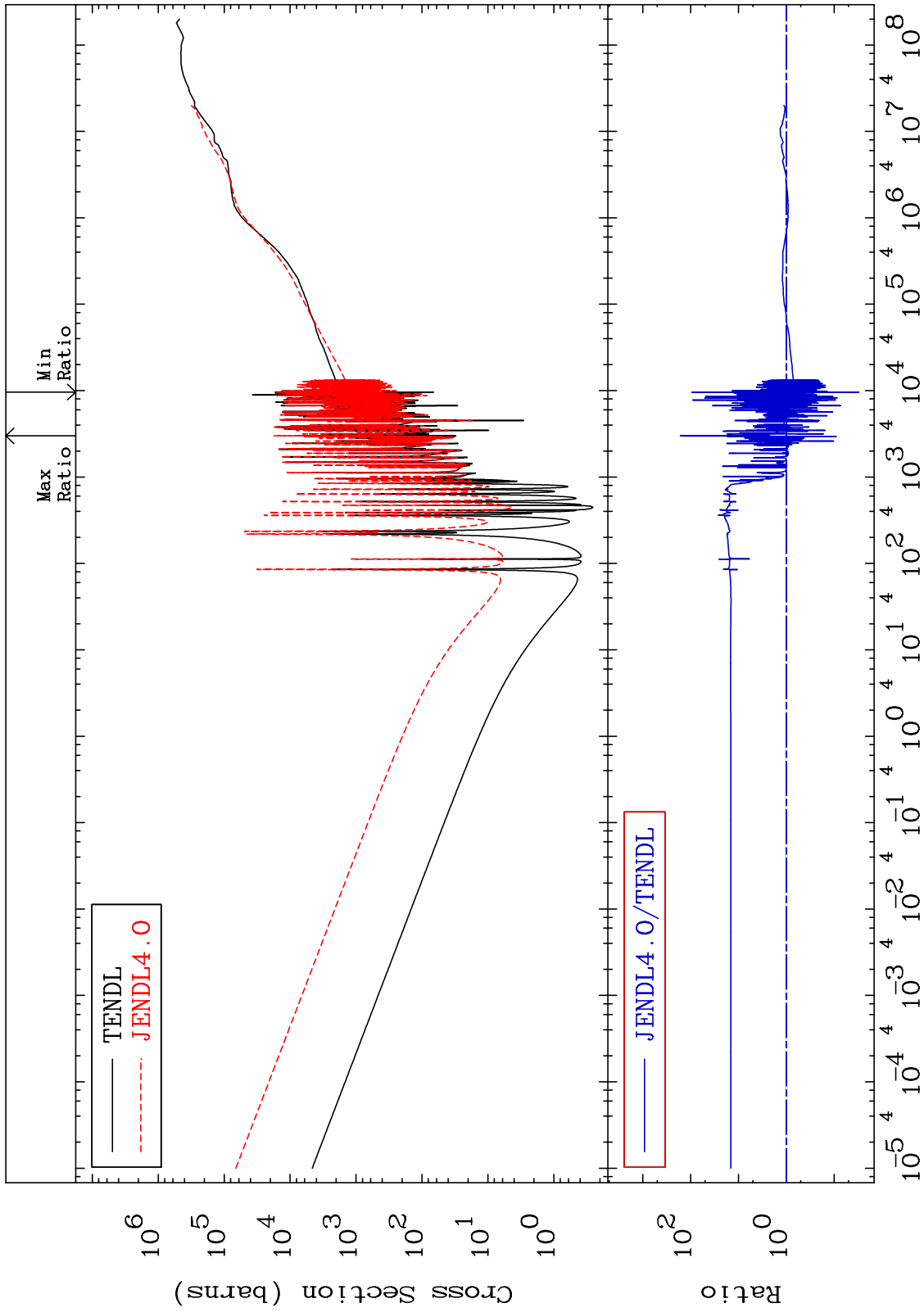
59-Pr-141
-96.97 To 9999. %

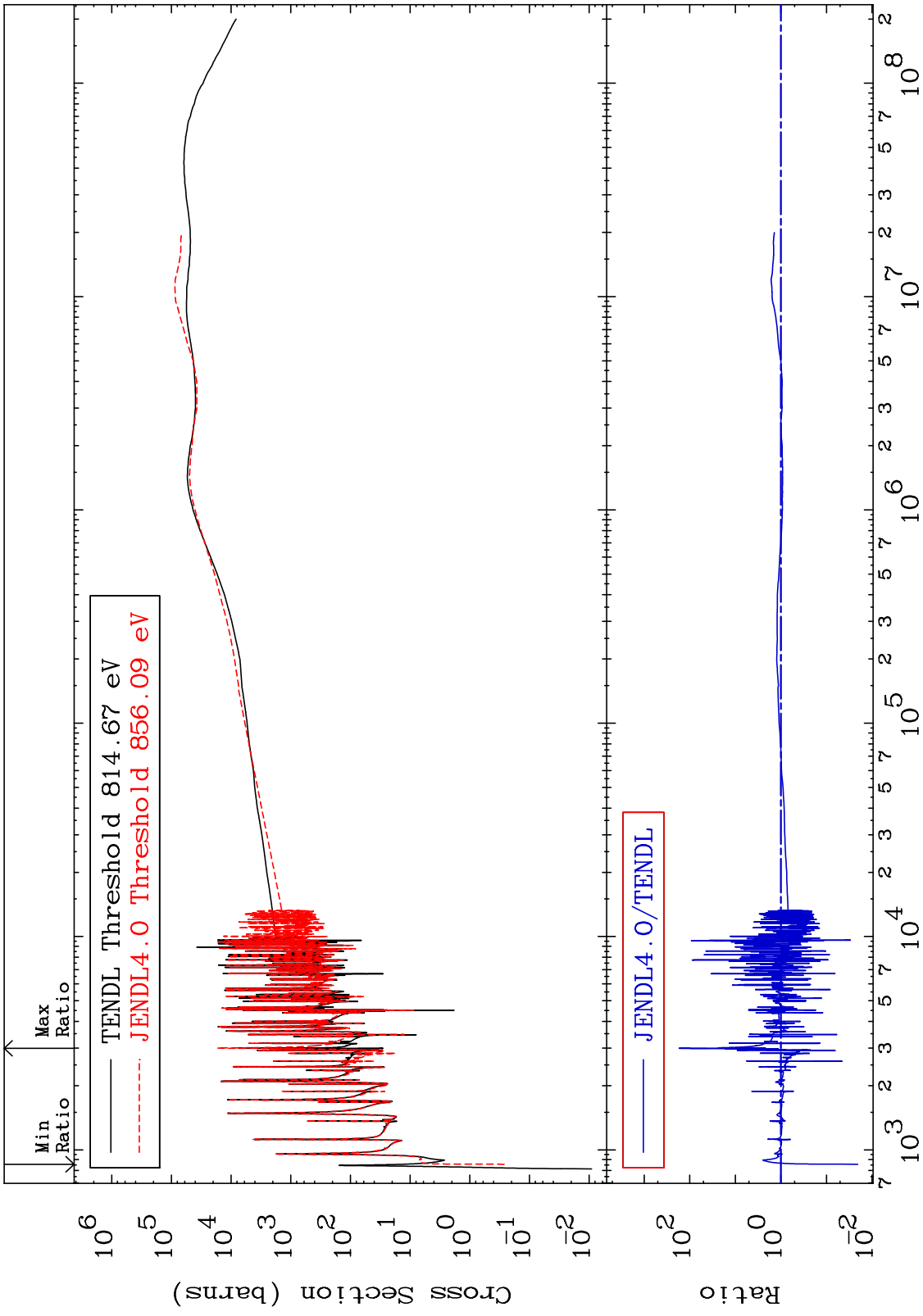


MAT 5925

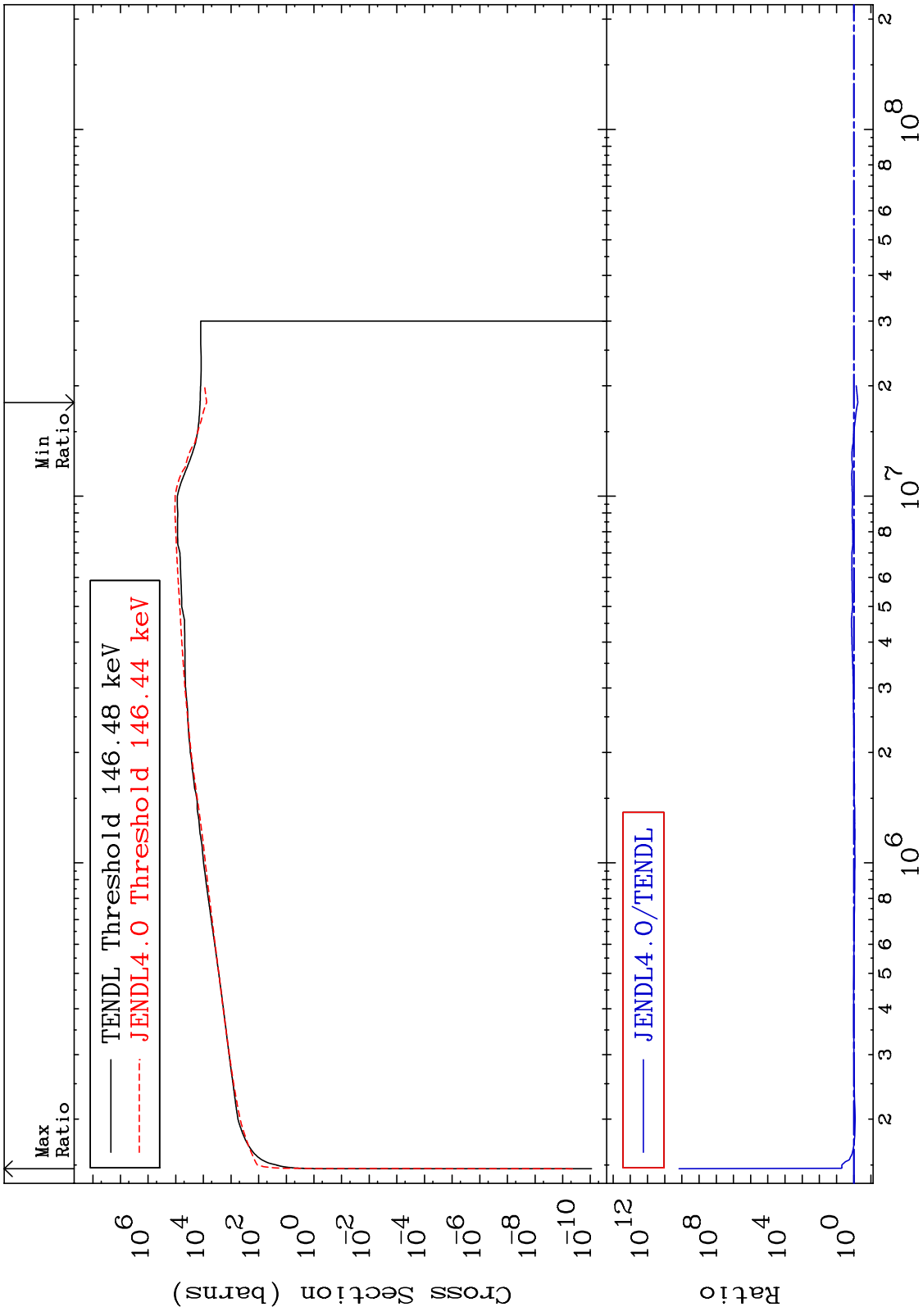
Dpa total (eV-barns)
Cross Section

59-Pr-141
-96.97 To 9999. %





MAT 5925 Dpa inelastic (mt51-91) 59-Pr-141
 Cross Section -41.87 To 9999. %



MAT 5925

Dpa disappearance (mt102 -120)
Cross Section

59-Pr-141
-98.63 To 9999. %

