

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

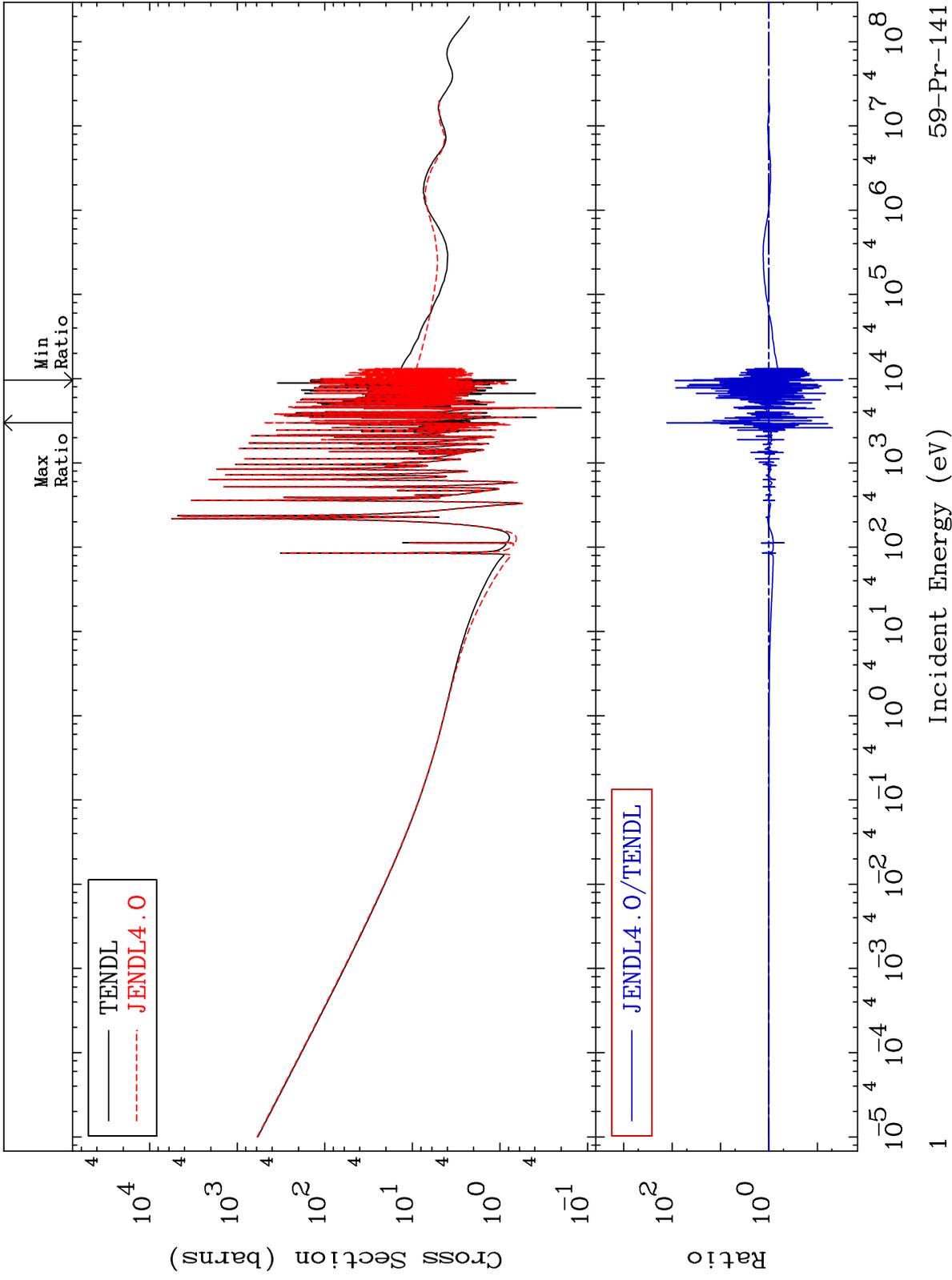
MAT 5925

Total

59-Pr-141

Cross Section

-97.00 To 9999. %

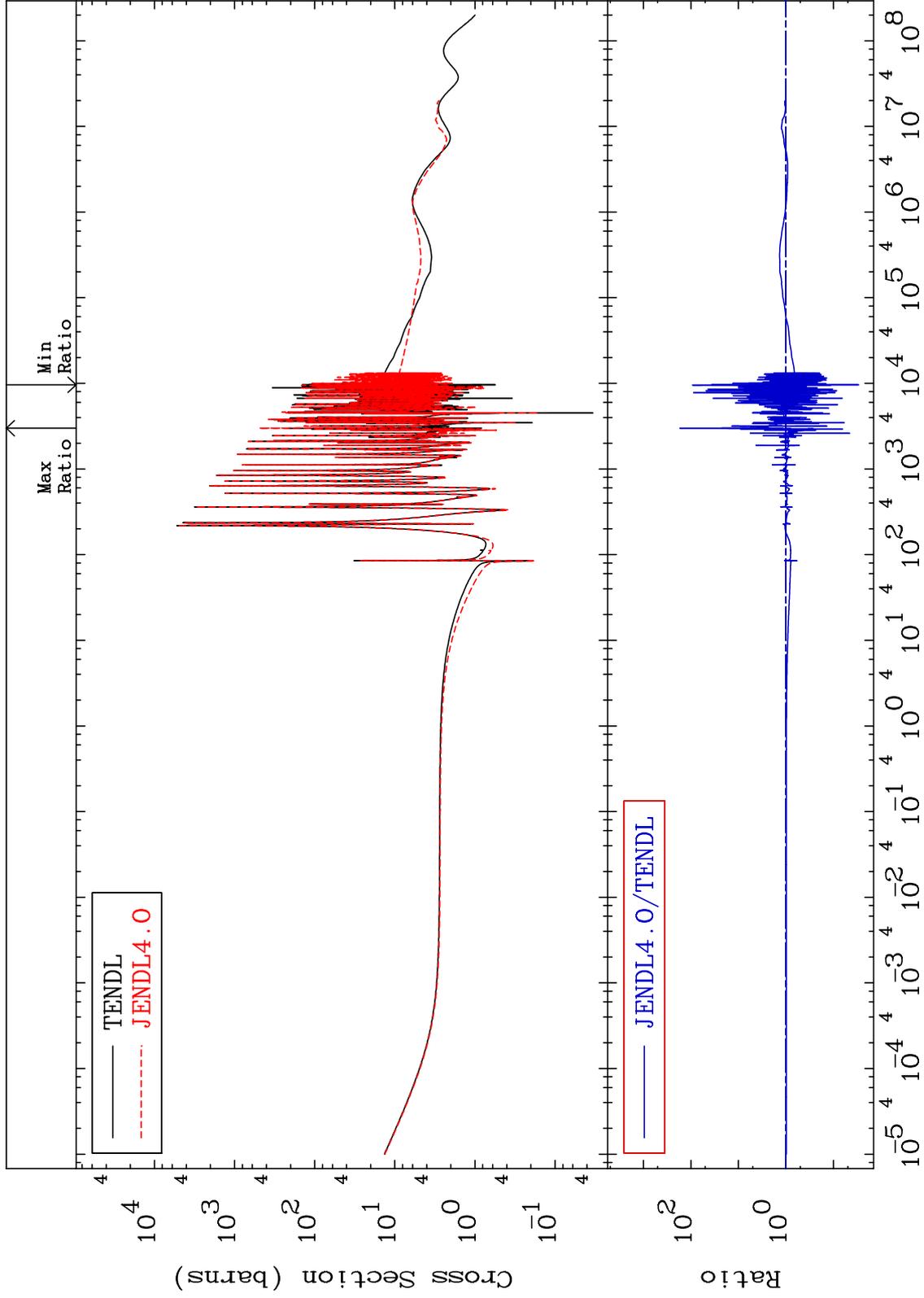


59-Pr-141

MAT 5925

Elastic
Cross Section

59-Pr-141
-97.01 To 9999. %



Incident Energy (eV)

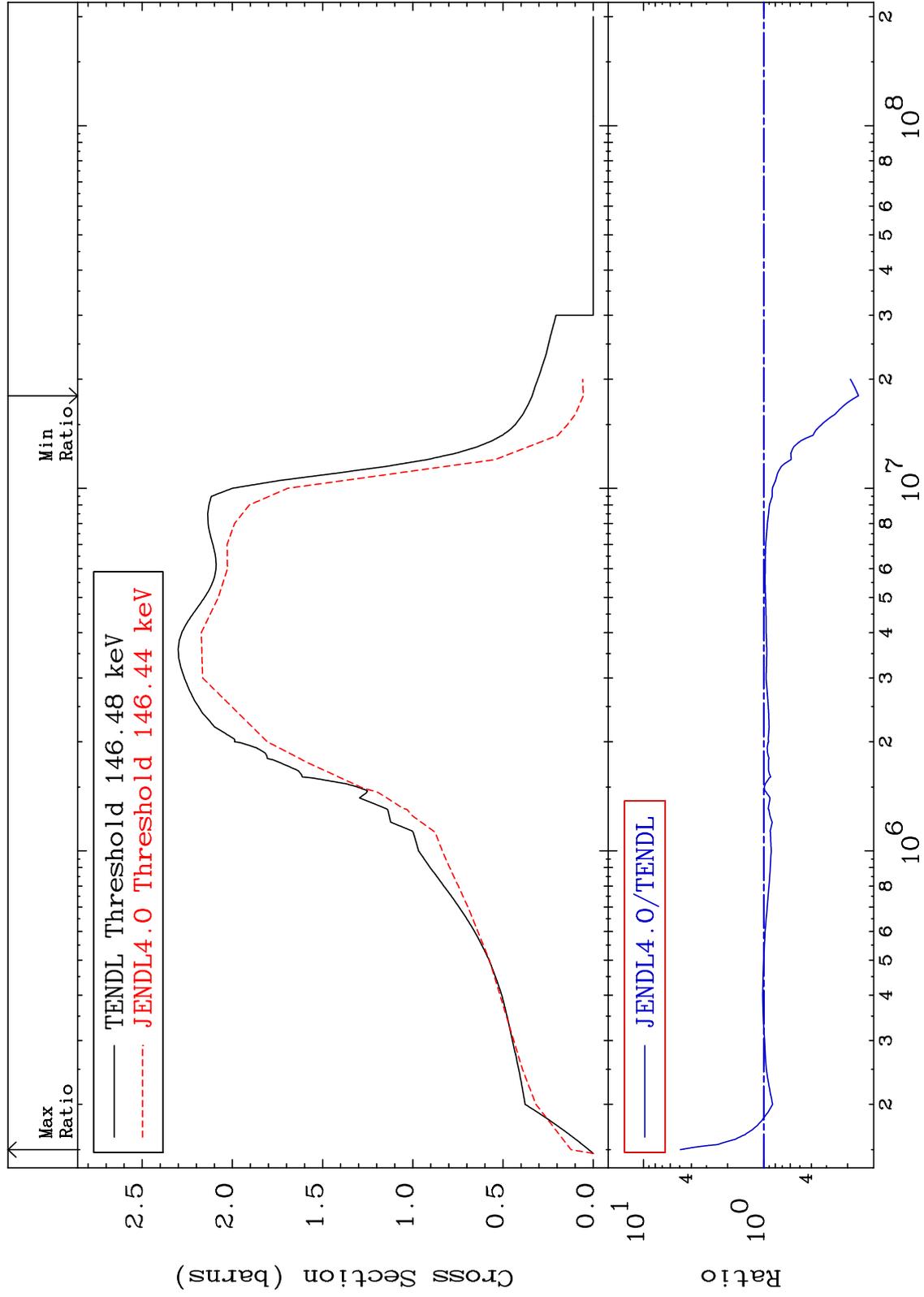
59-Pr-141

2

MAT 5925

Inelastic
Cross Section

59-Pr-141
-83.78 To 393.5 %



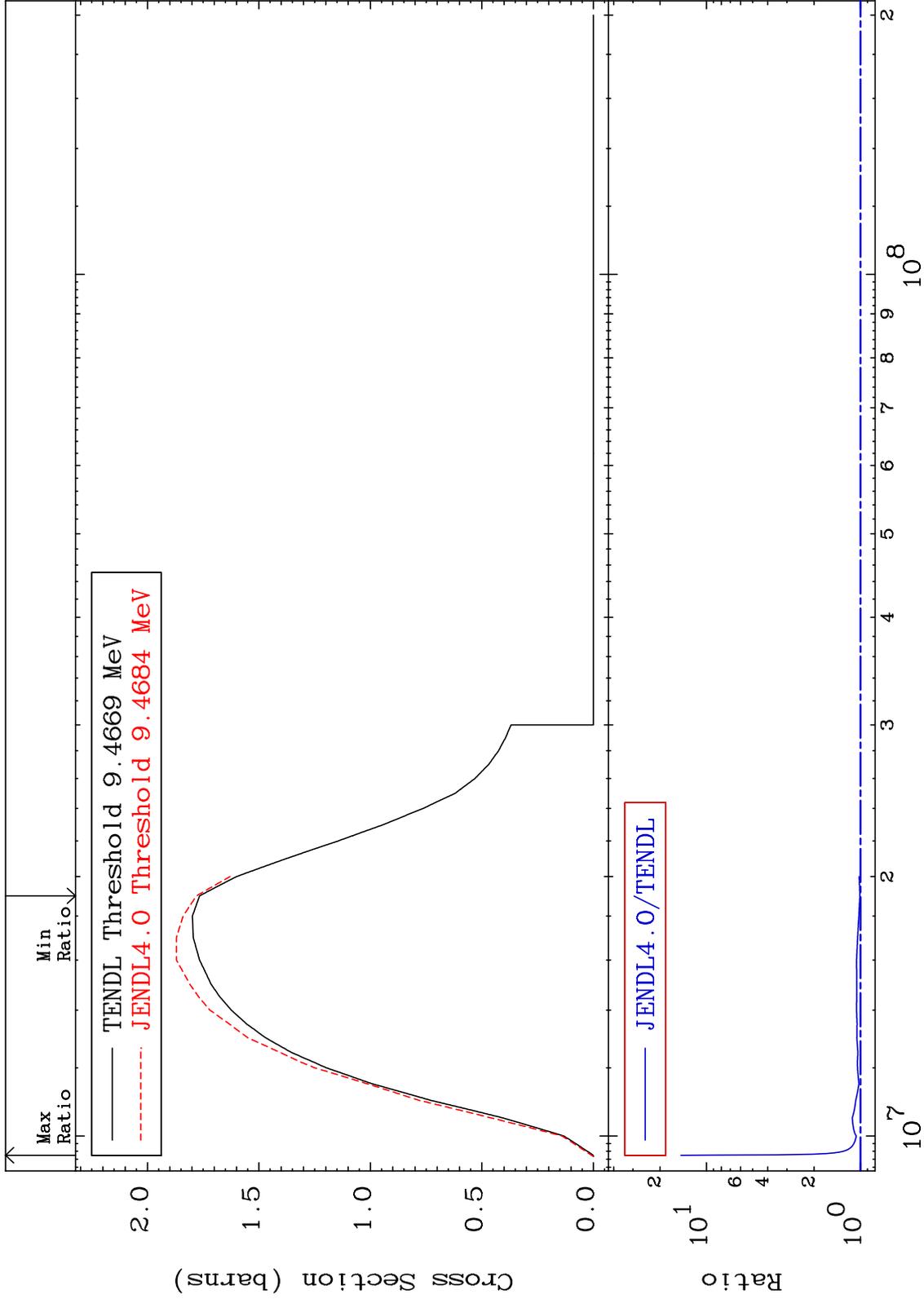
MAT 5925

(n,2n)

59-Pr-141

Cross Section

0.788 To 1362. %



4

Incident Energy (eV)

59-Pr-141

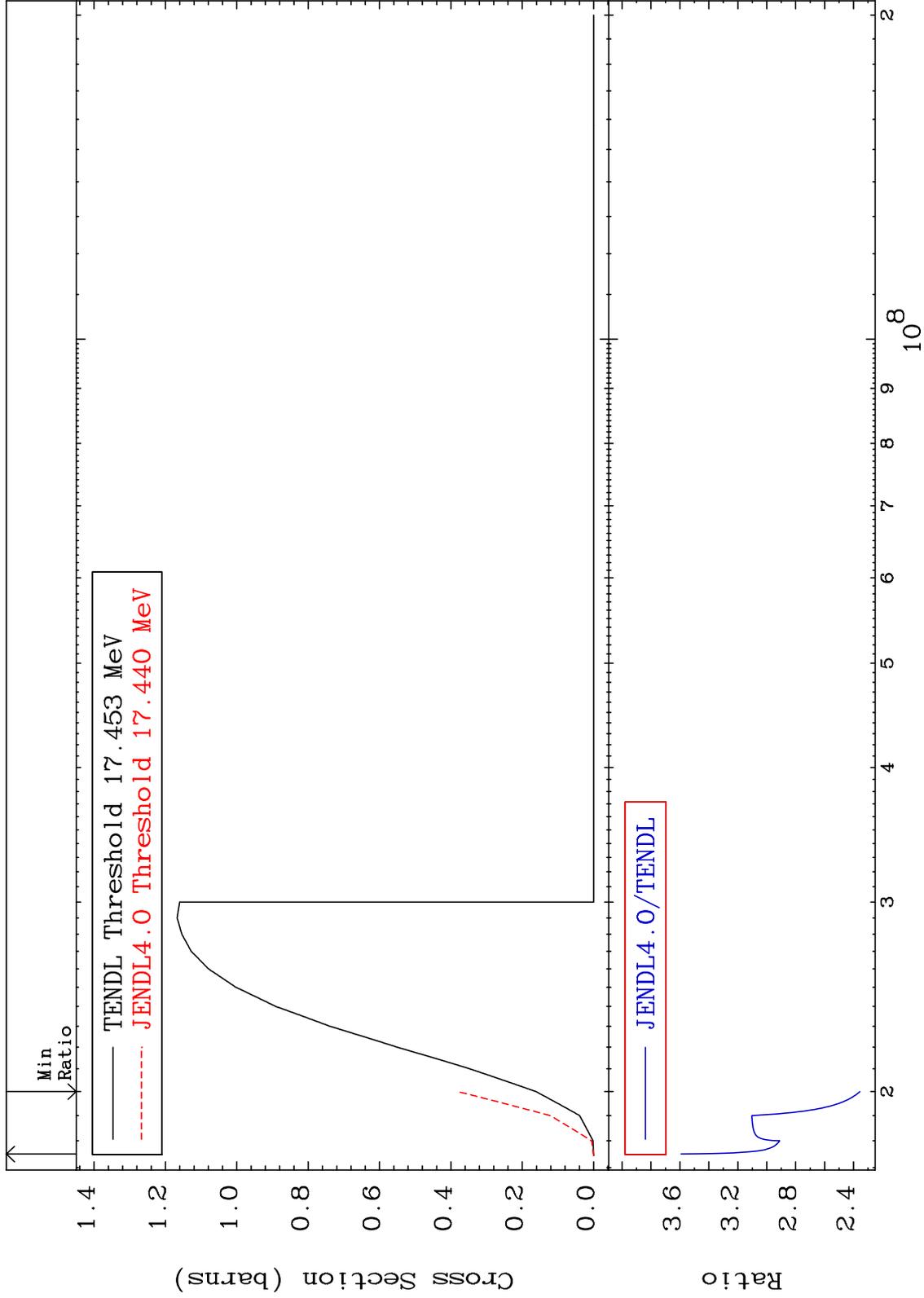
MAT 5925

(n,3n)

59-Pr-141

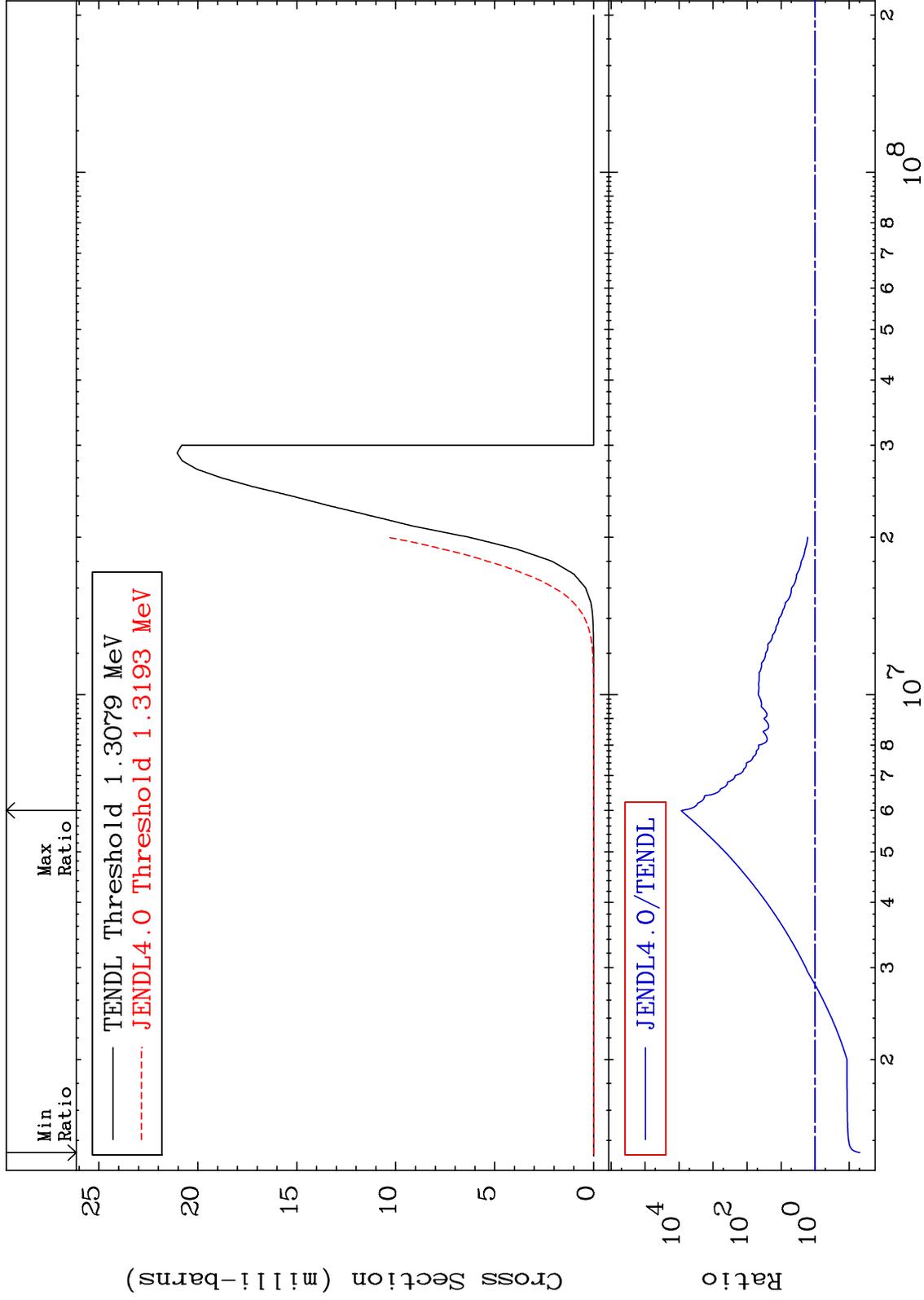
Cross Section

135.6 To 259.2 %



Cross Section

-95.19 To 9999. %



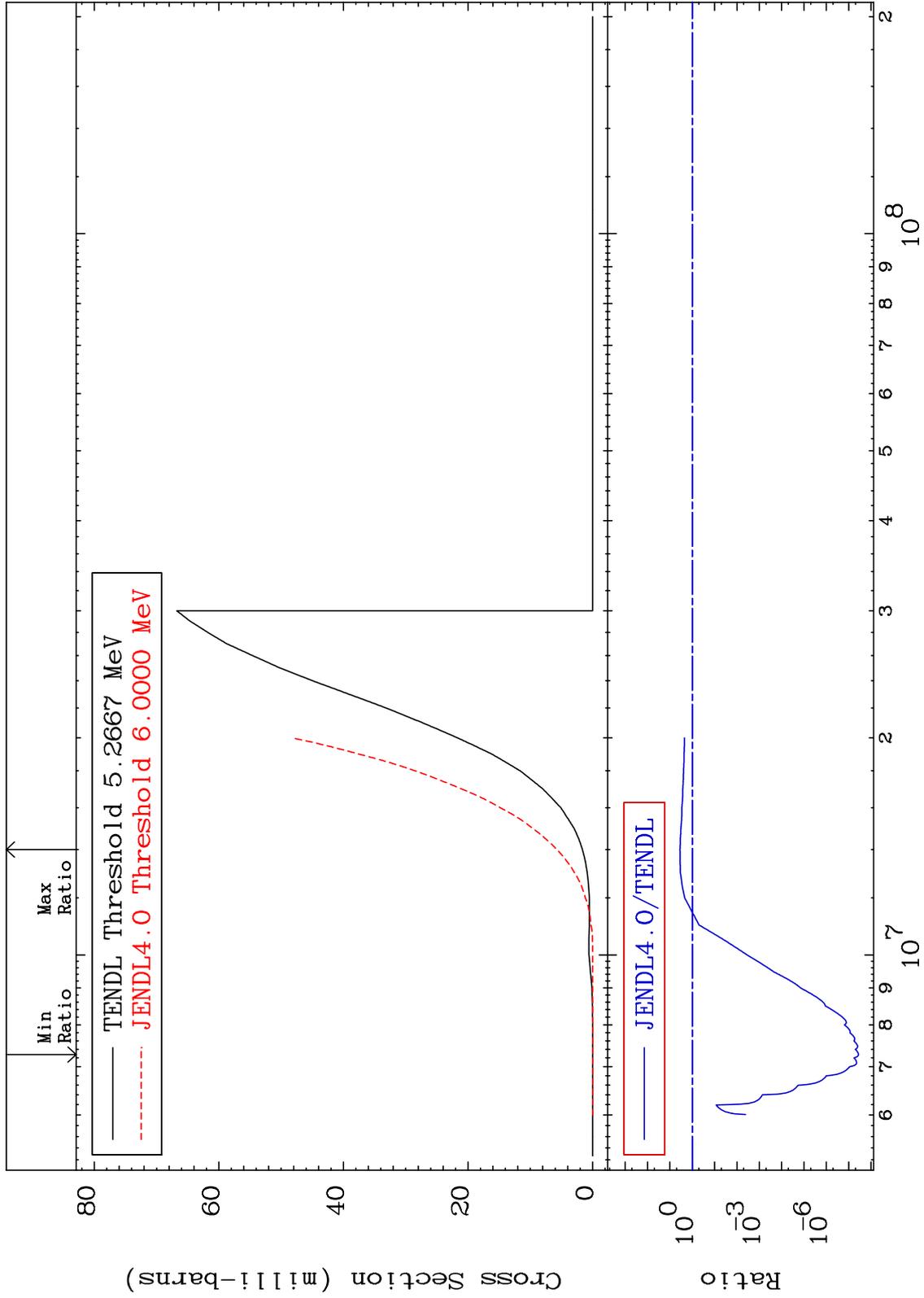
MAT 5925

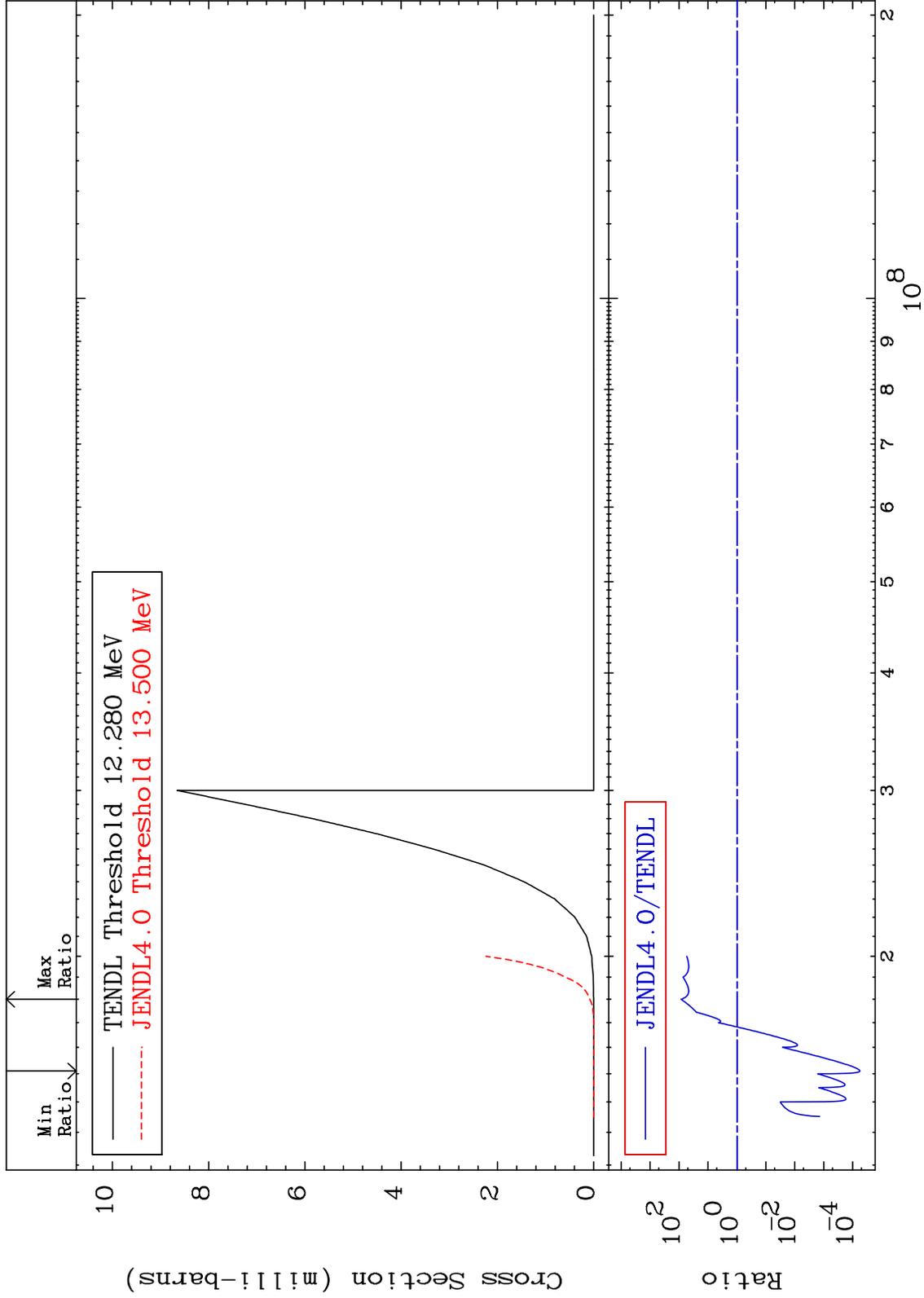
(n,n') p

59-Pr-141

Cross Section

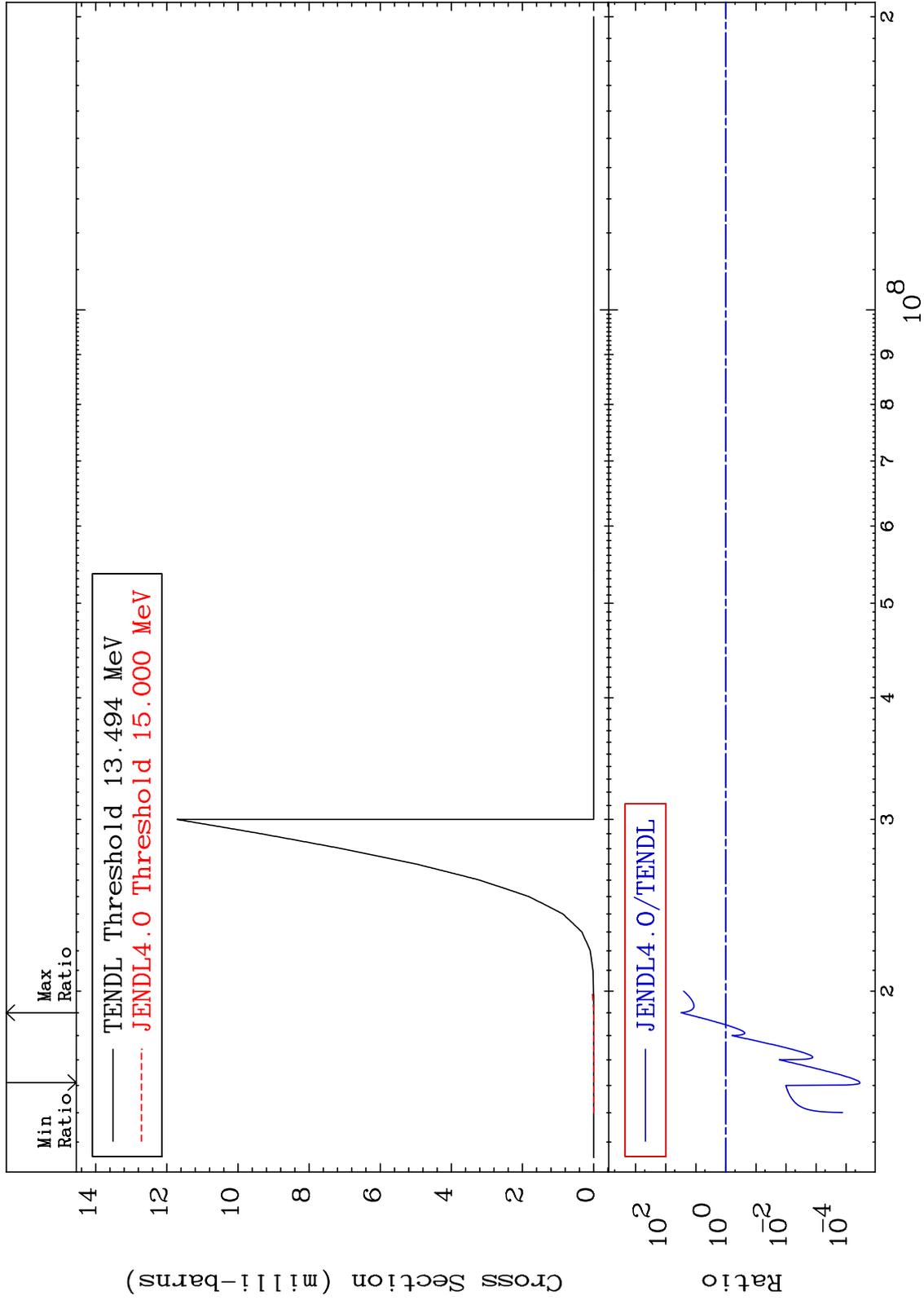
-100.0 To 254.5 %





Cross Section

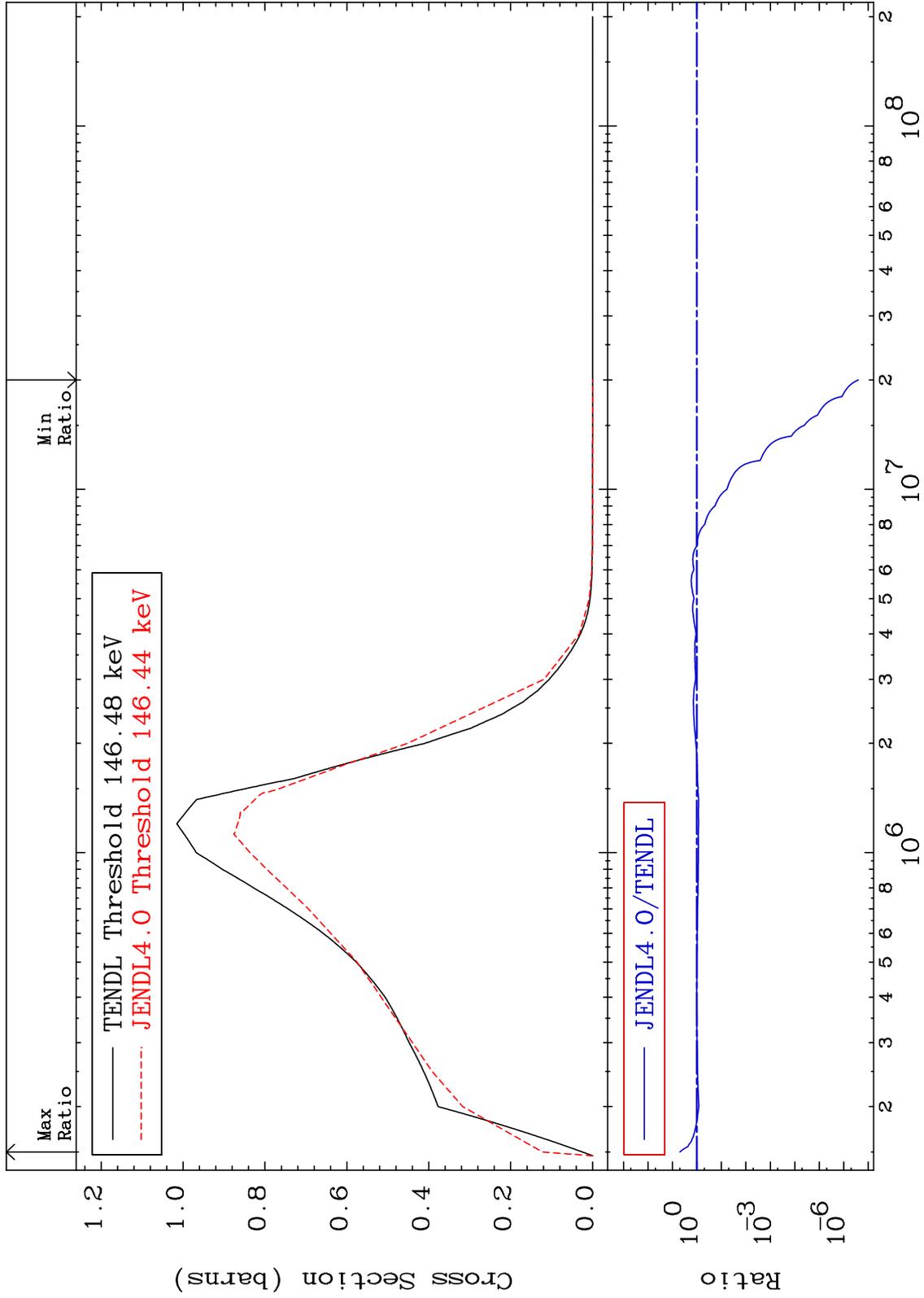
-100.0 To 2982. %



MAT 5925

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

59-Pr-141
-100.0 To 393.5 %

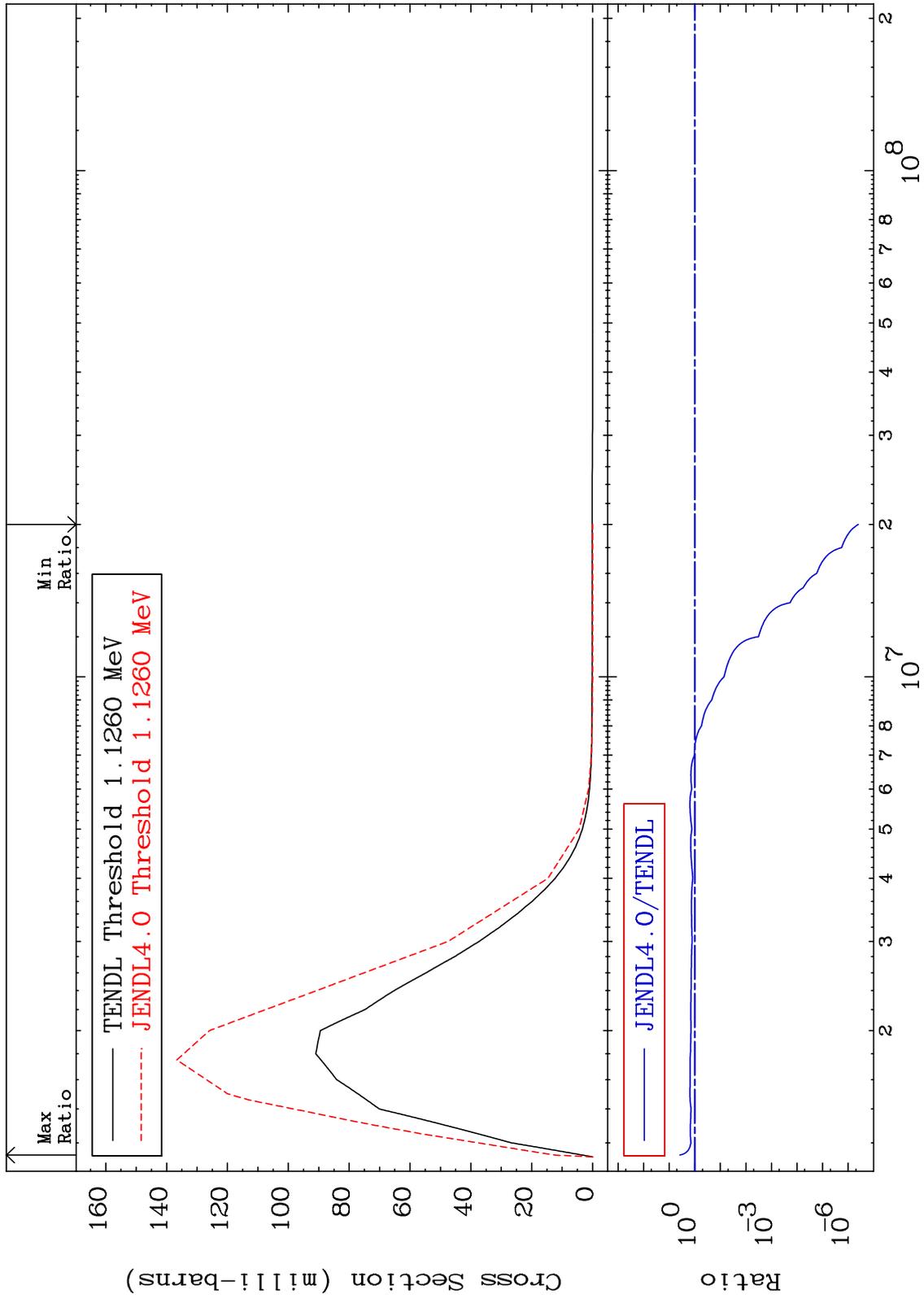


10

Incident Energy (eV)

59-Pr-141

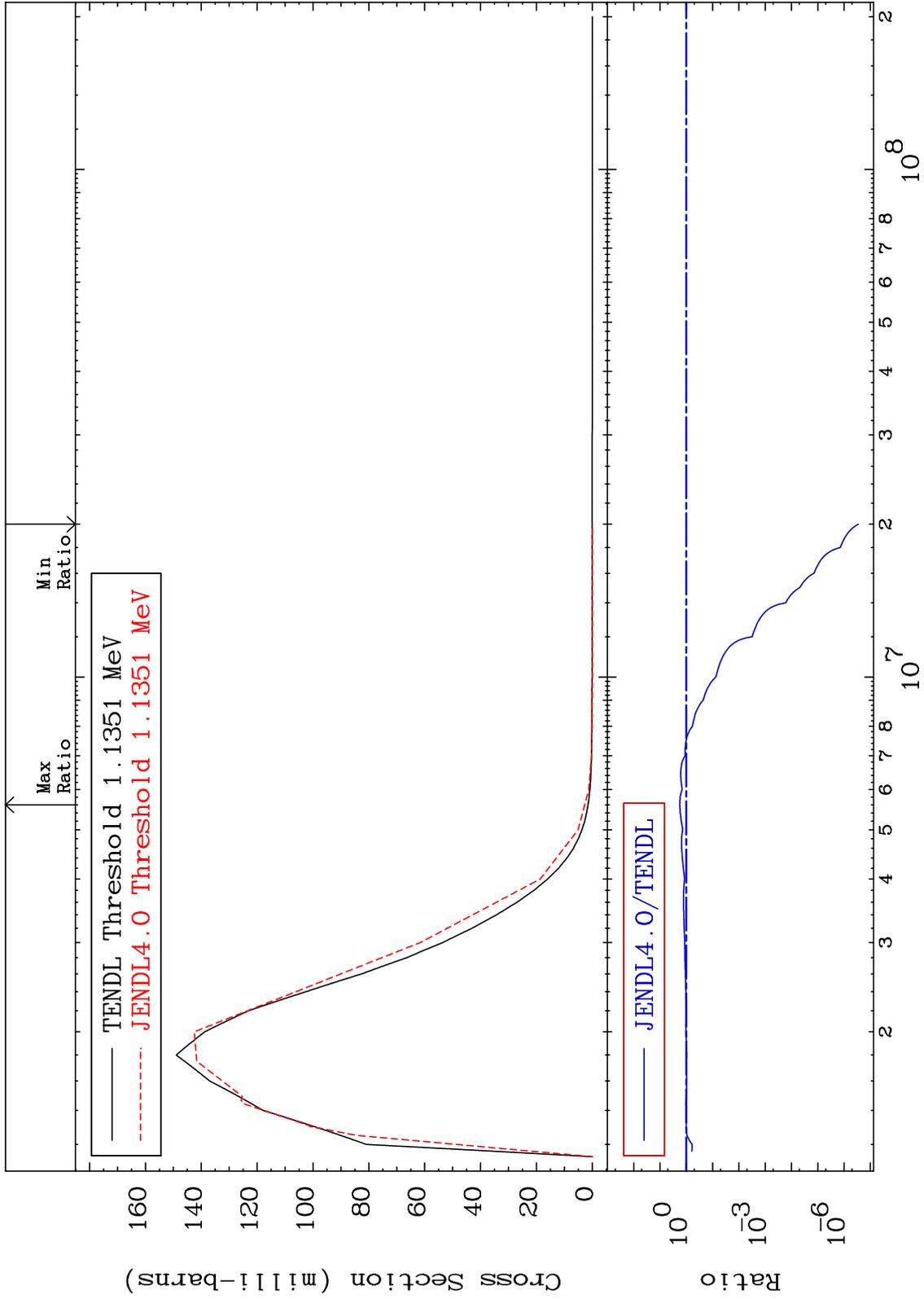
MAT 5925 MT= 52 (n, n') Level Cross Section -100.0 To 279.9 % 59-Pr-141



MAT 5925

MT= 53 (n, n') Level
Cross Section

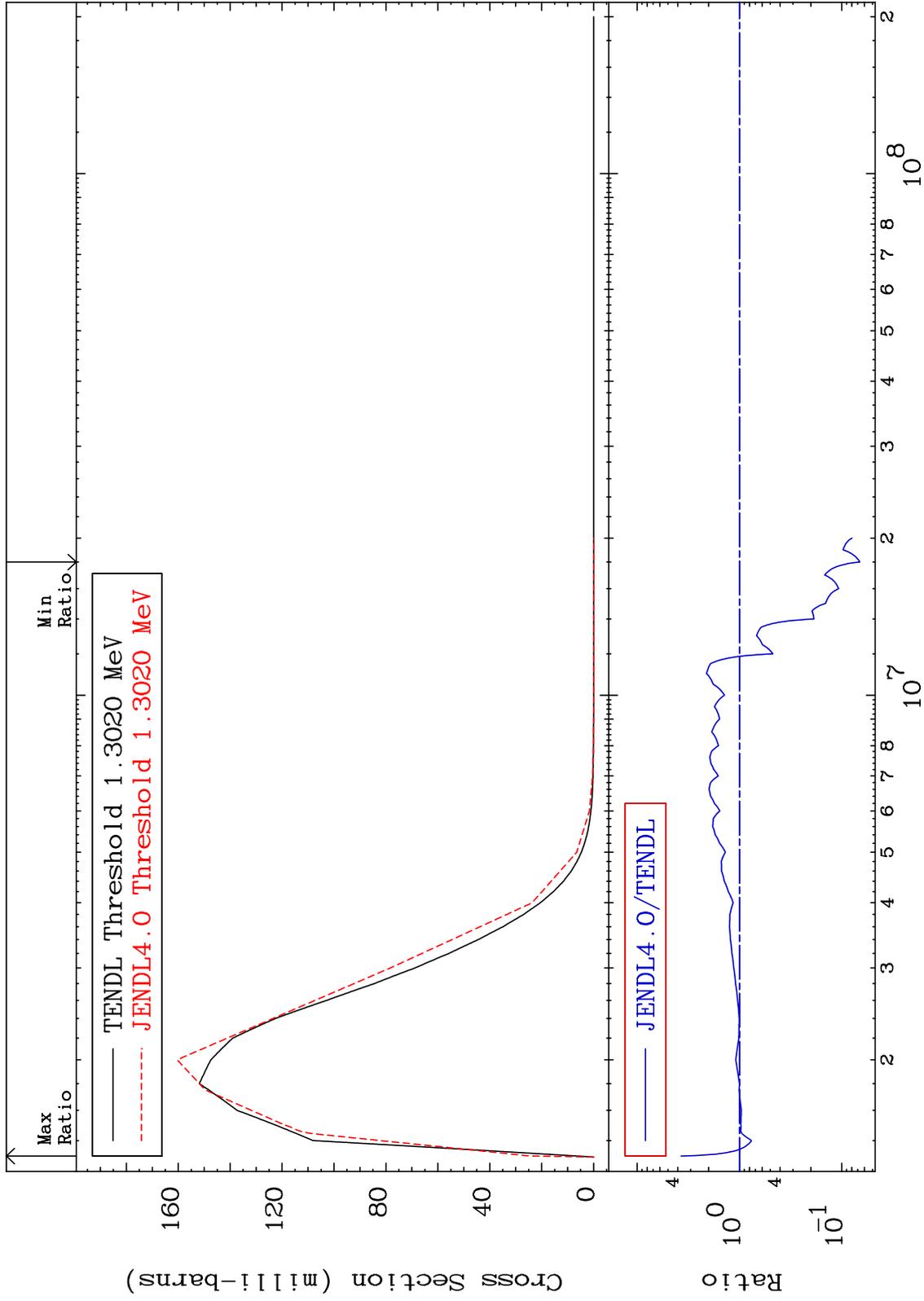
59-Pr-141
-100.0 To 77.77 %



MAT 5925

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

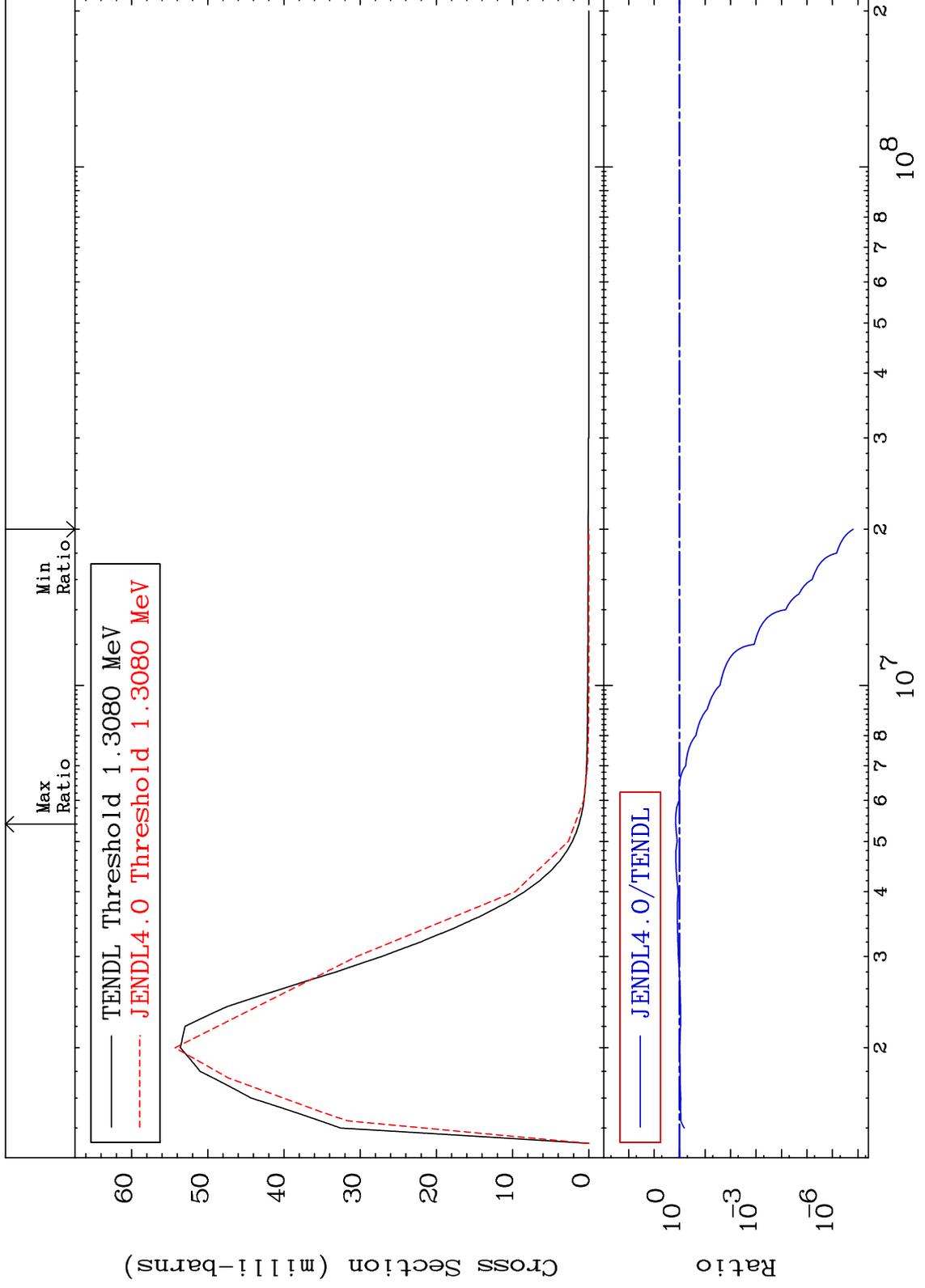
59-Pr-141
-93.35 To 271.8 %



MAT 5925

MT= 55 (n,n') Level
Cross Section

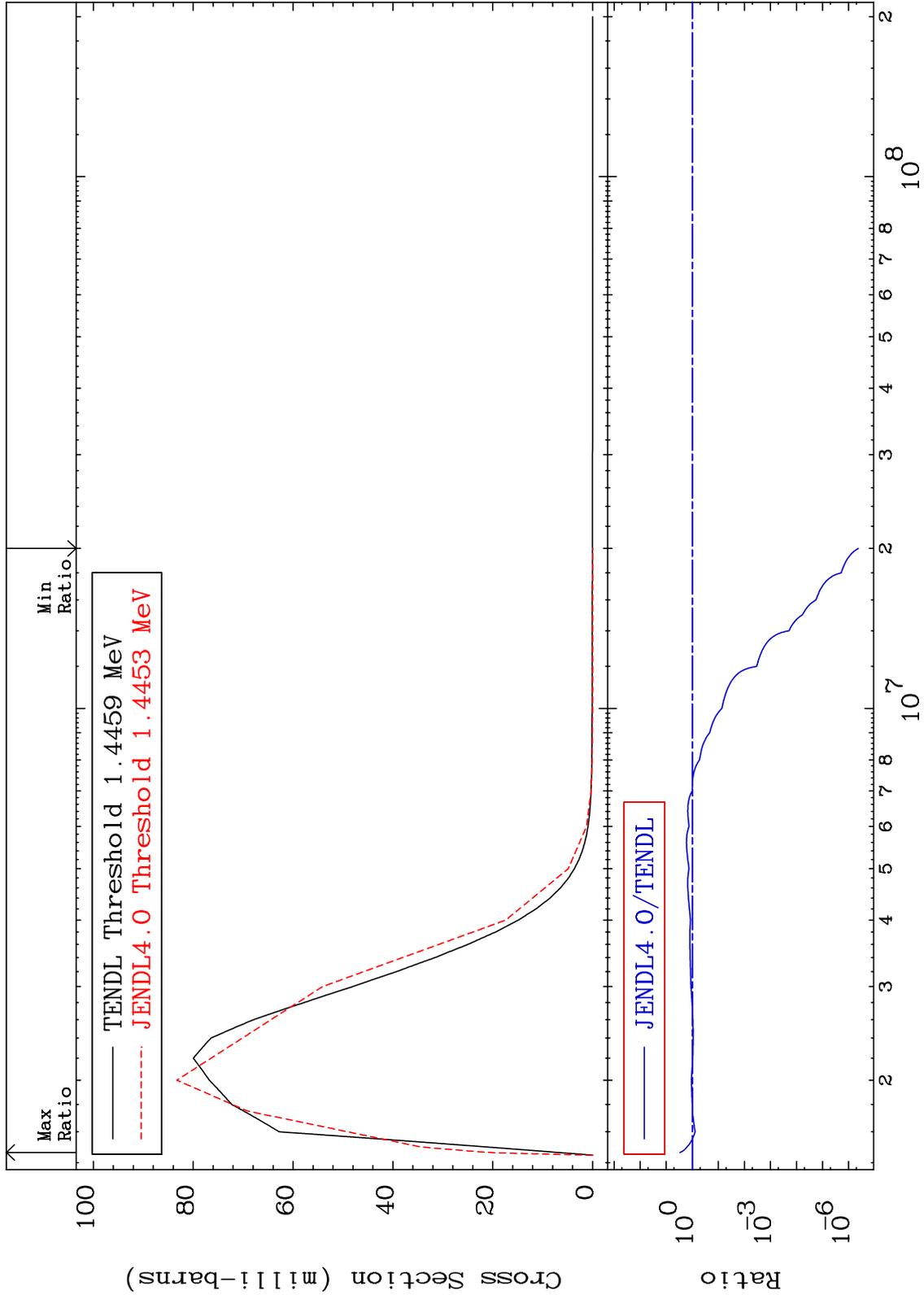
59-Pr-141
-100.0 To 42.71 %



MAT 5925

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

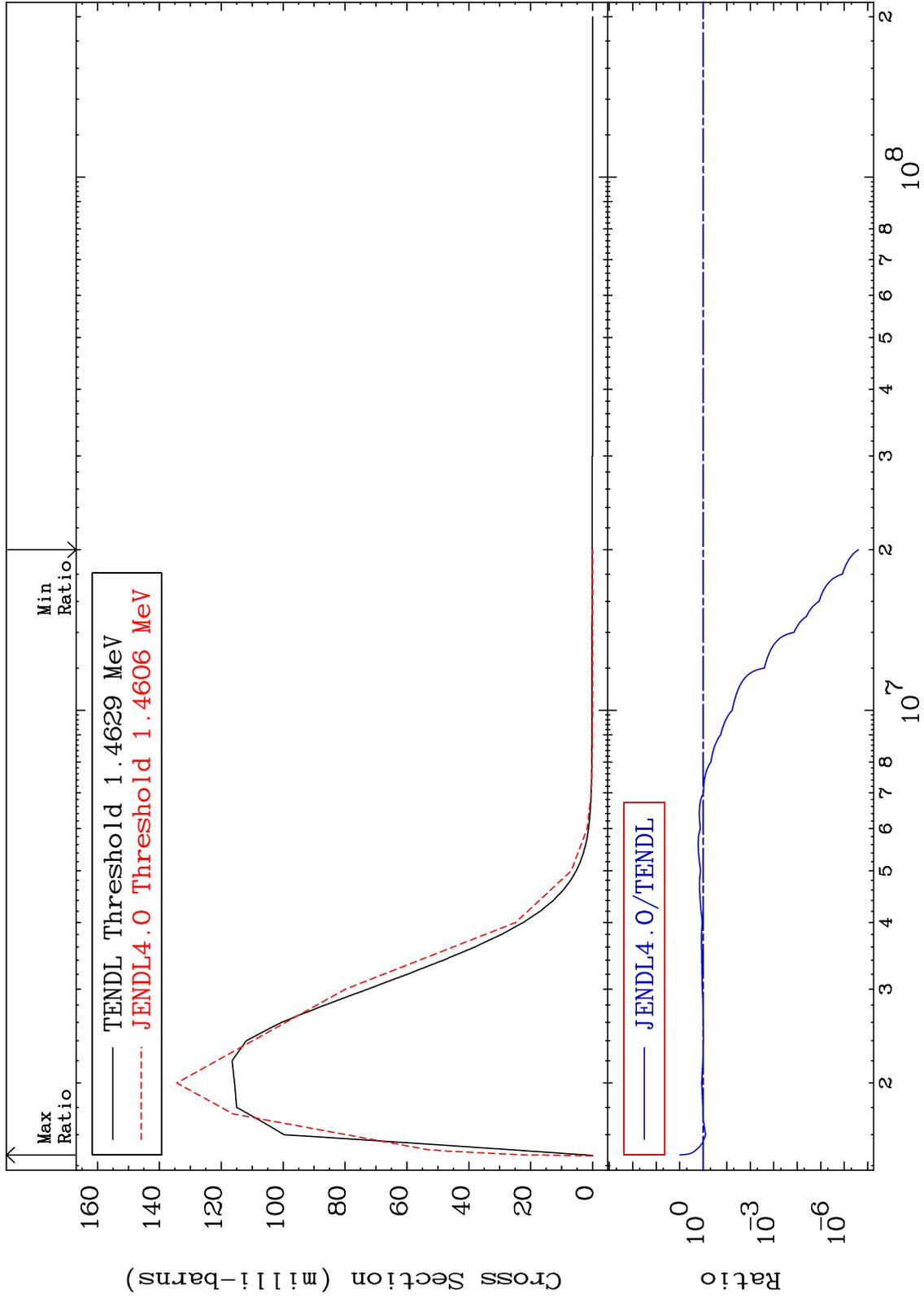
59-Pr-141
-100.0 To 197.3 %



MAT 5925

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

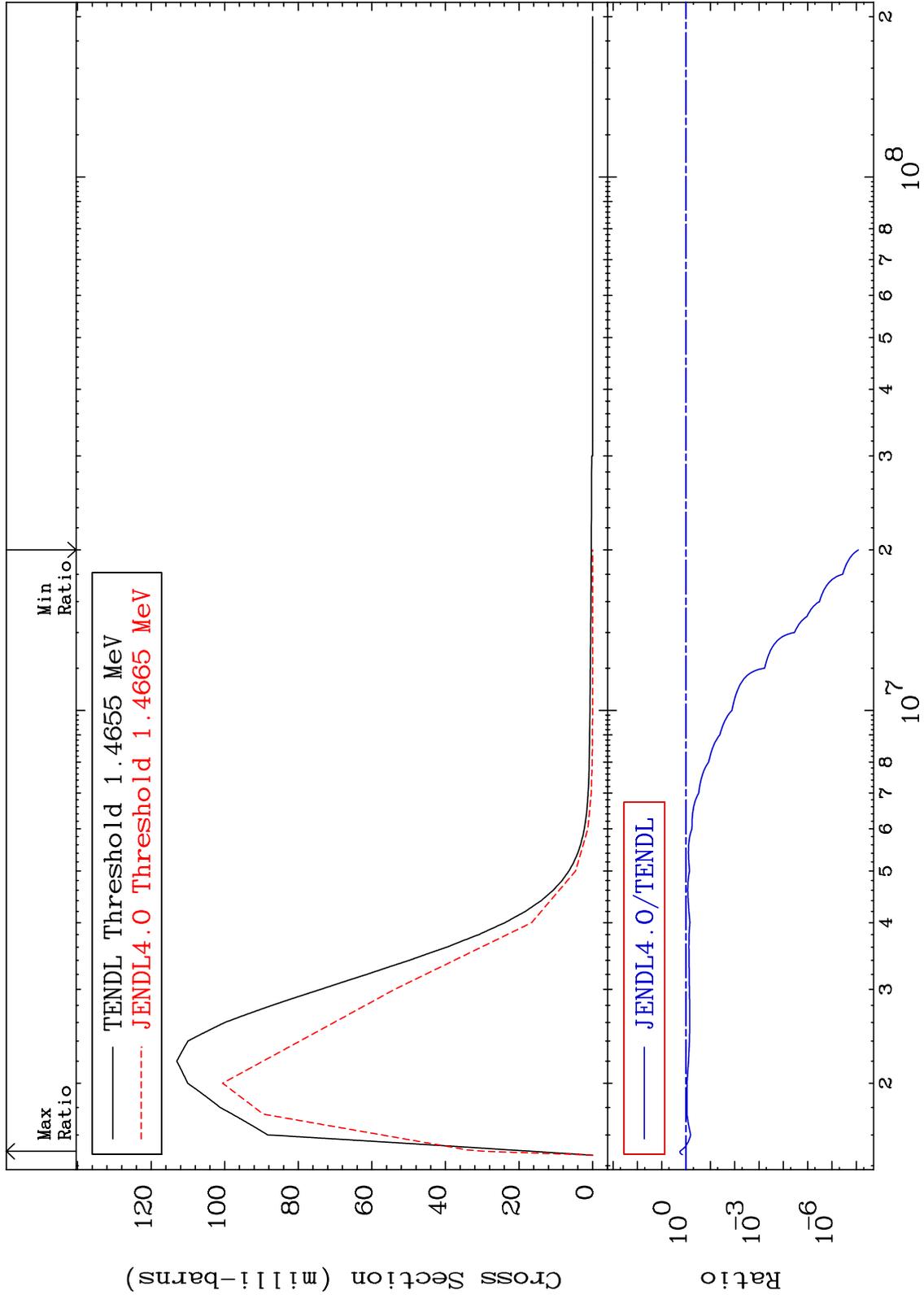
59-Pr-141
-100.0 To 880.7 %

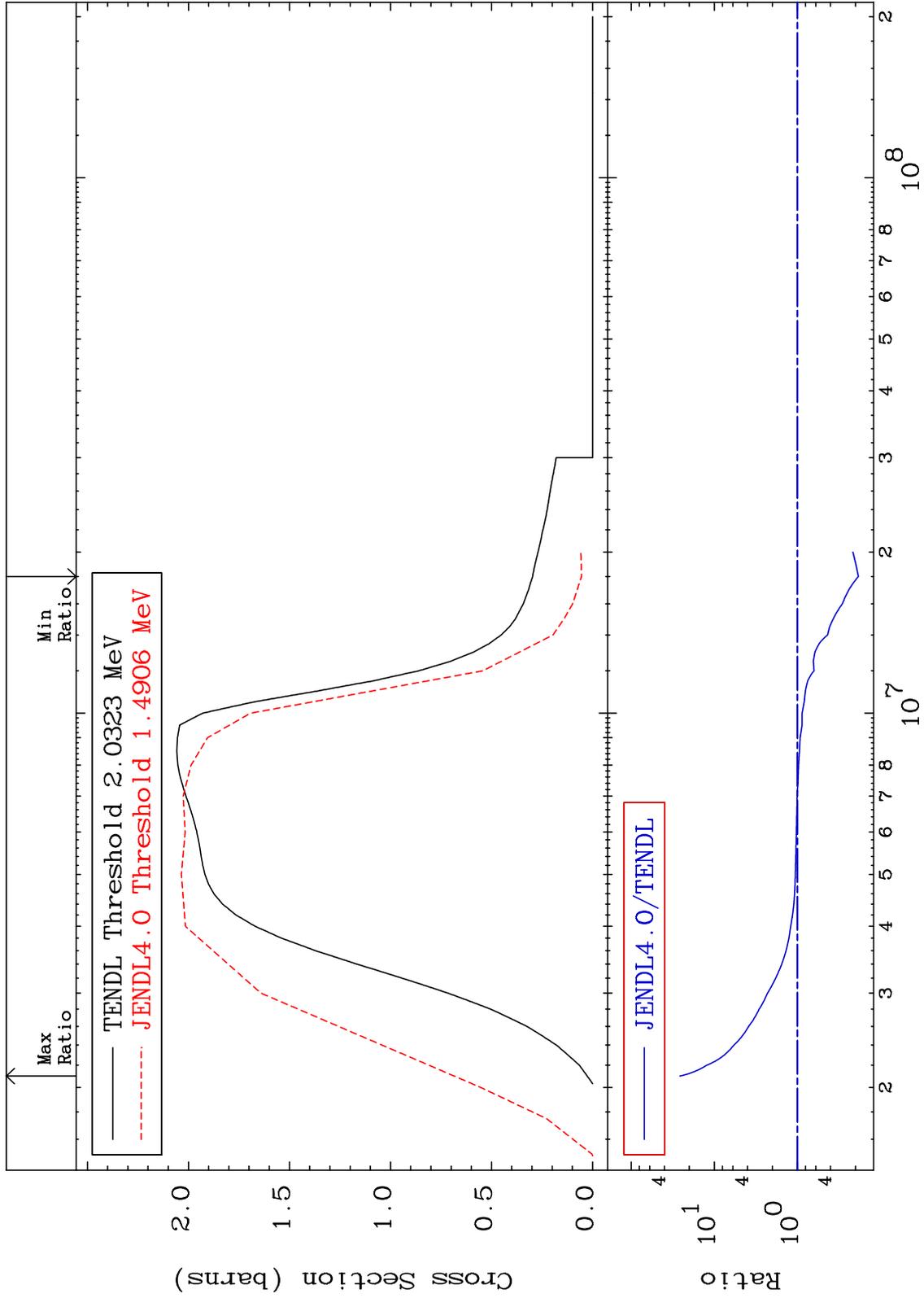


MAT 5925

MT= 58 (n,n') Level
Cross Section

59-Pr-141
-100.0 To 78.03 %





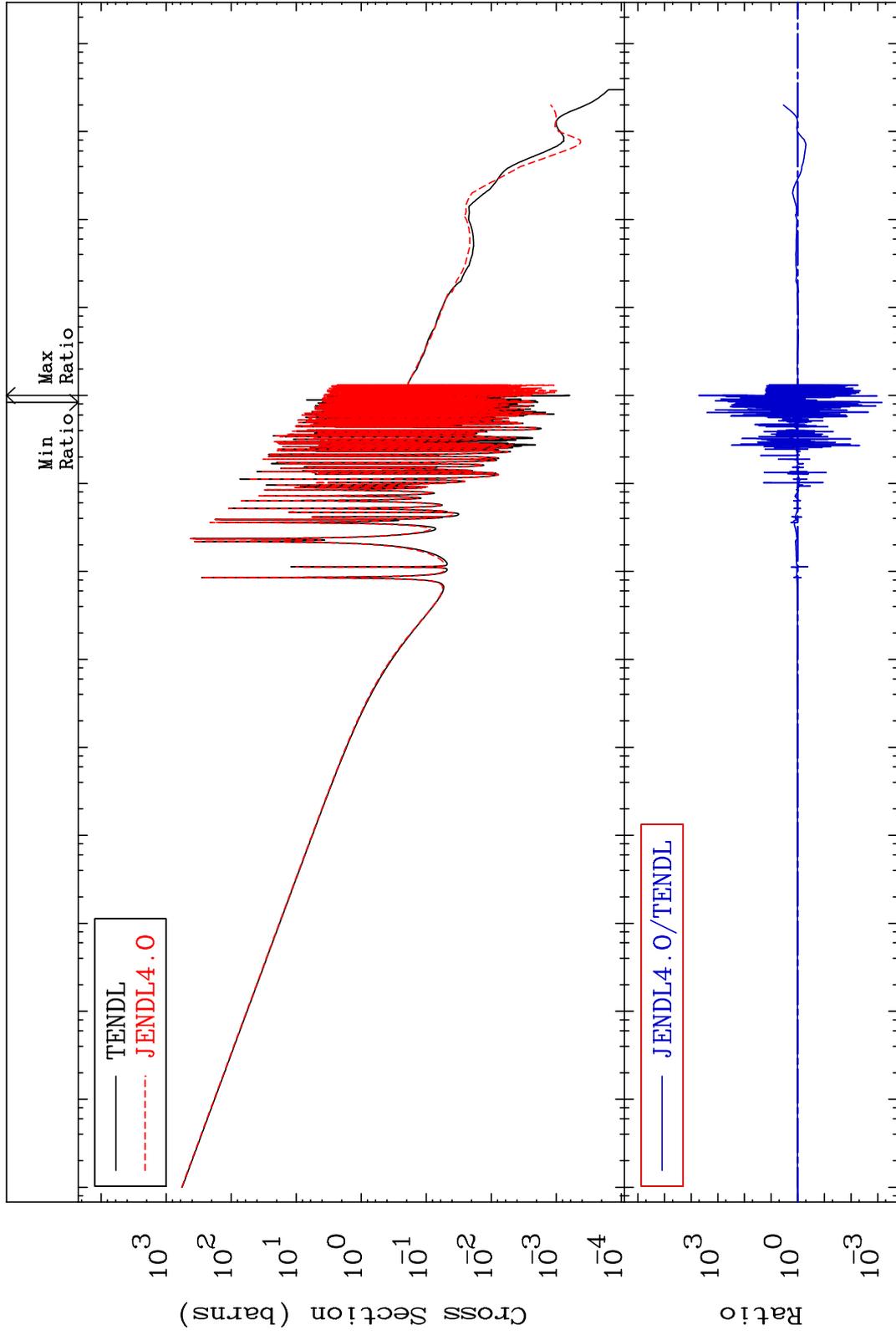
MAT 5925

(n, γ)

59-Pr-141

Cross Section

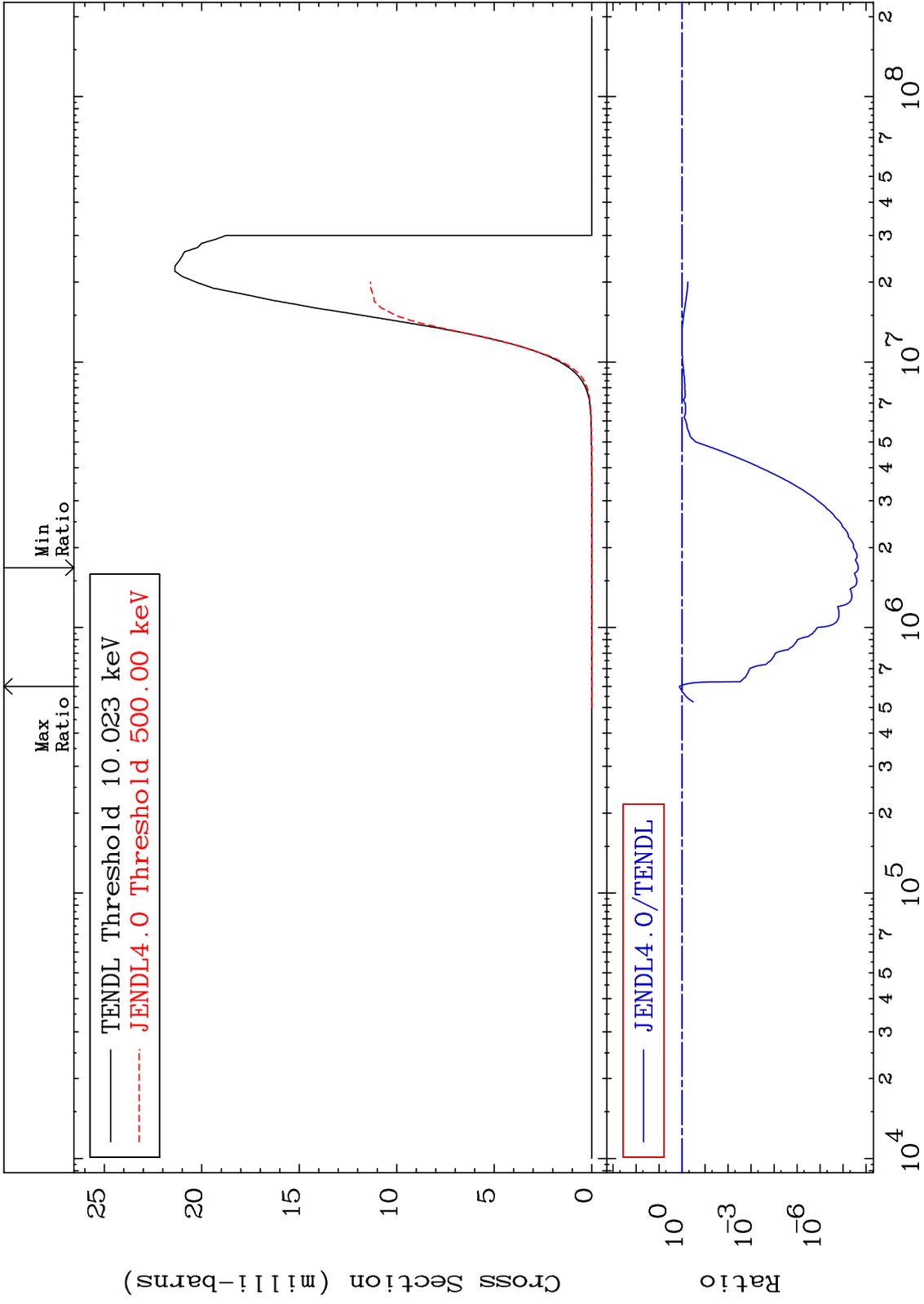
-99.93 To 9999. %



MAT 5925

59-Pr-141

(n,p)
Cross Section
-100.0 To 31.81 %

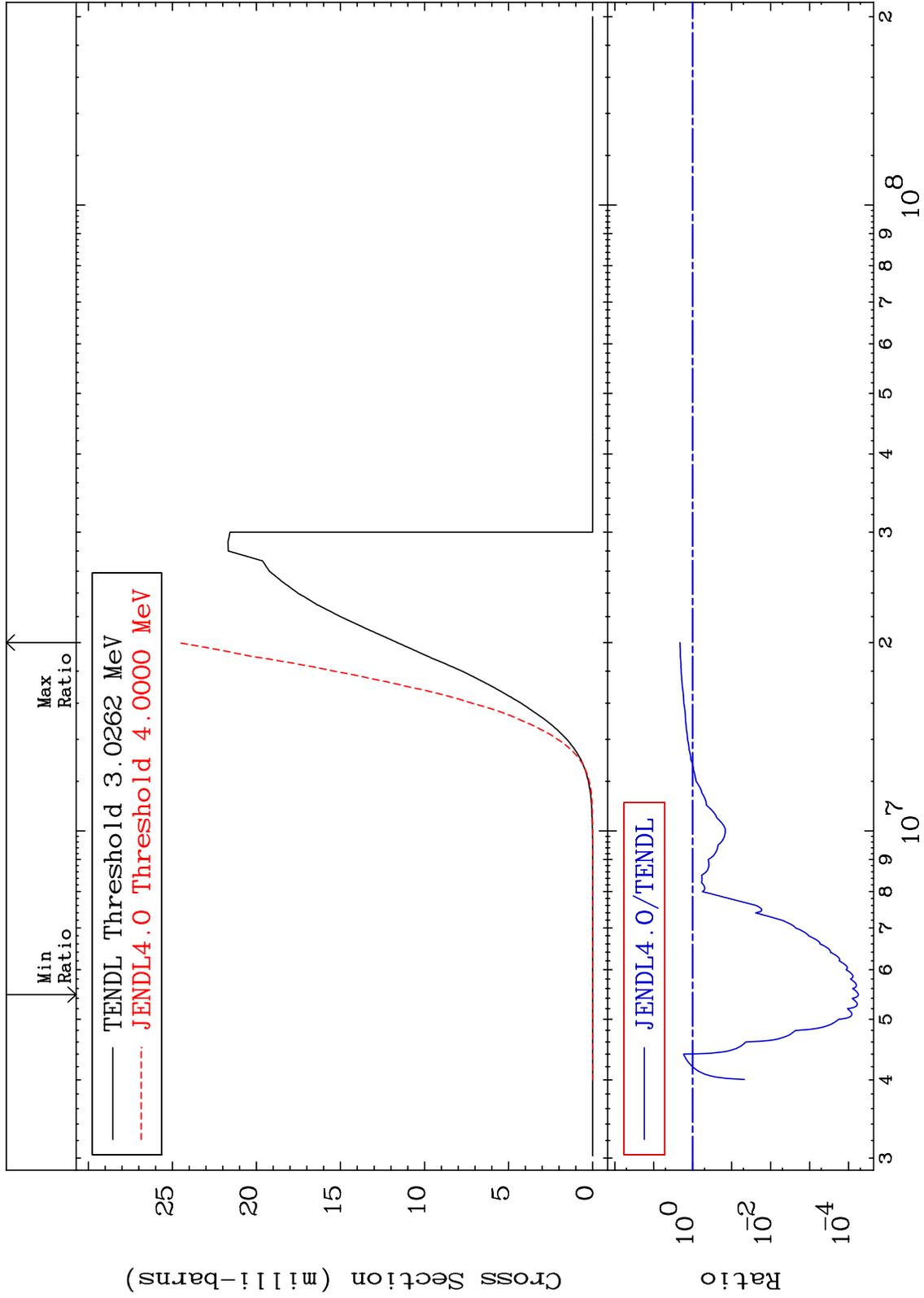


59-Pr-141

Incident Energy (eV)

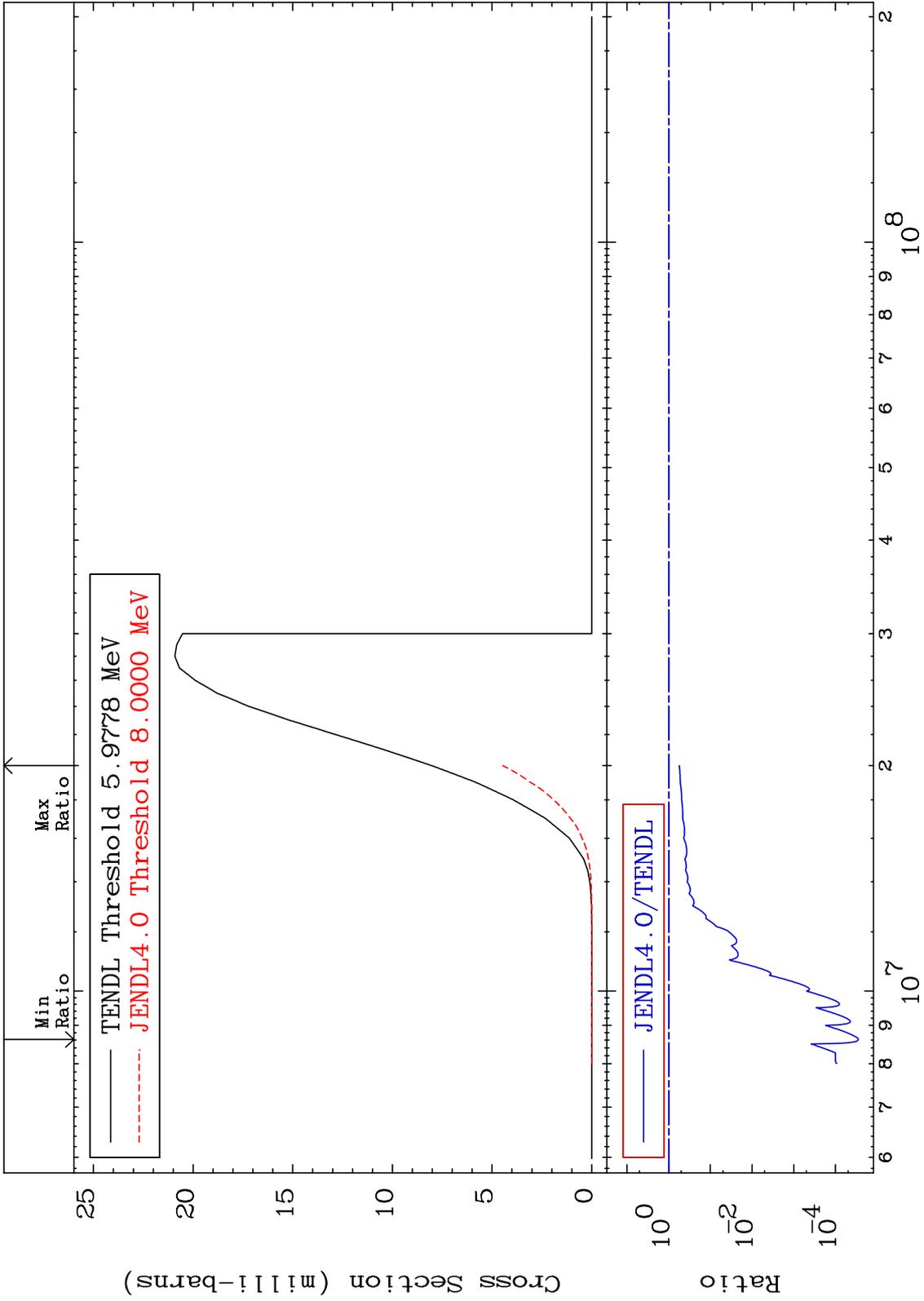
20

(n, d)
Cross Section



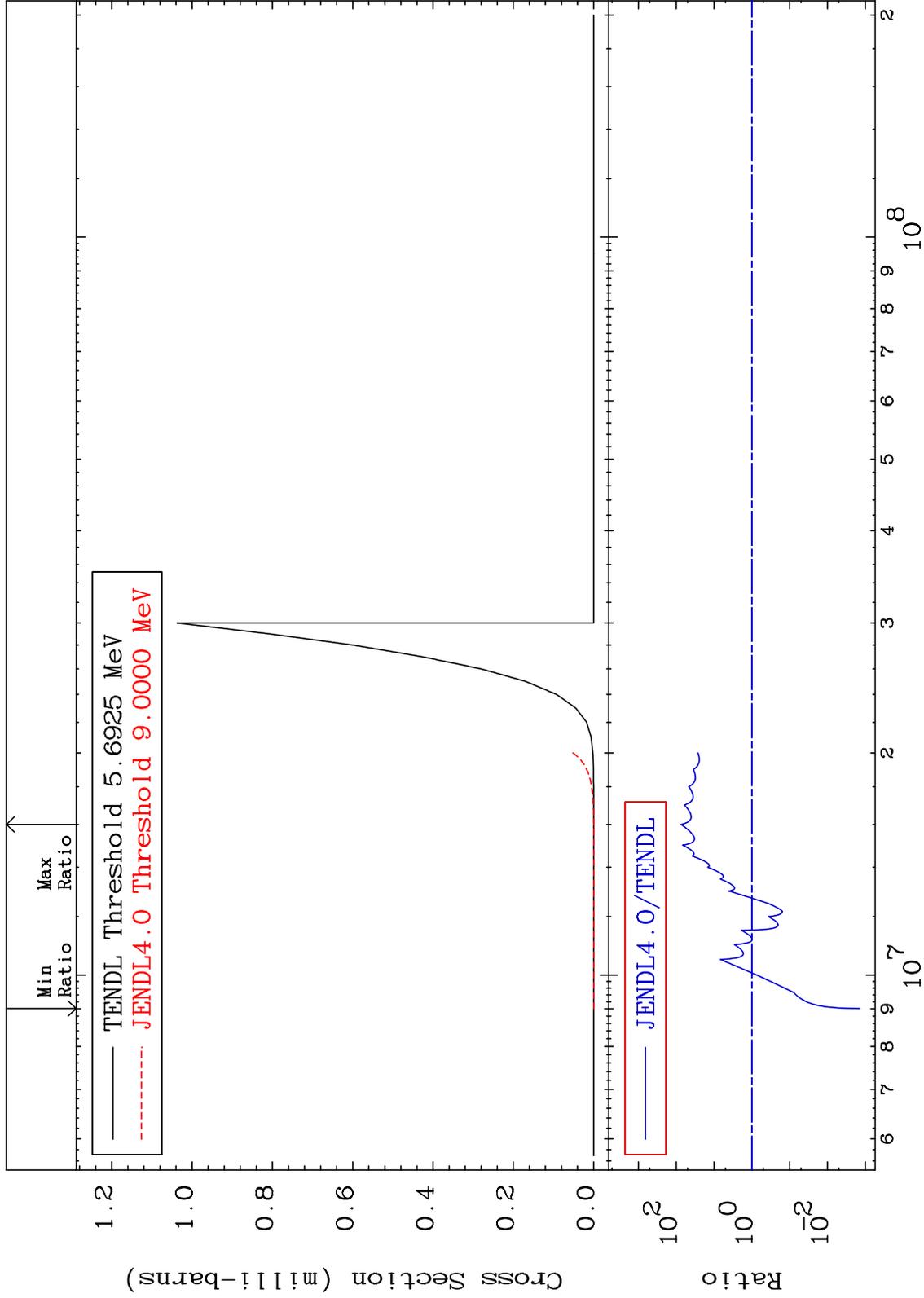
Cross Section

-100.0 To -44.43%



Cross Section

-99.86 To 7299. %



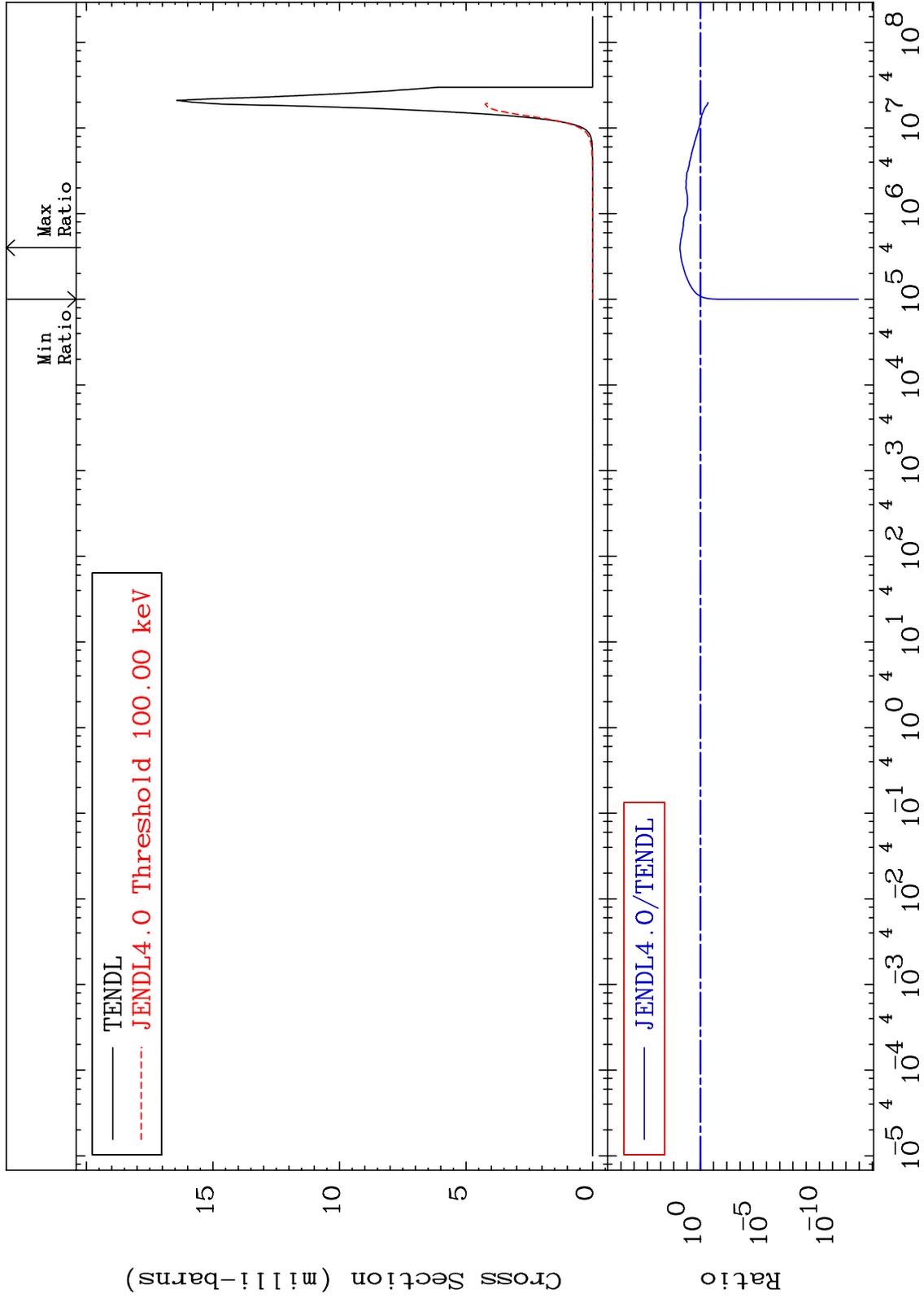
MAT 5925

(n, α)

59-Pr-141

Cross Section

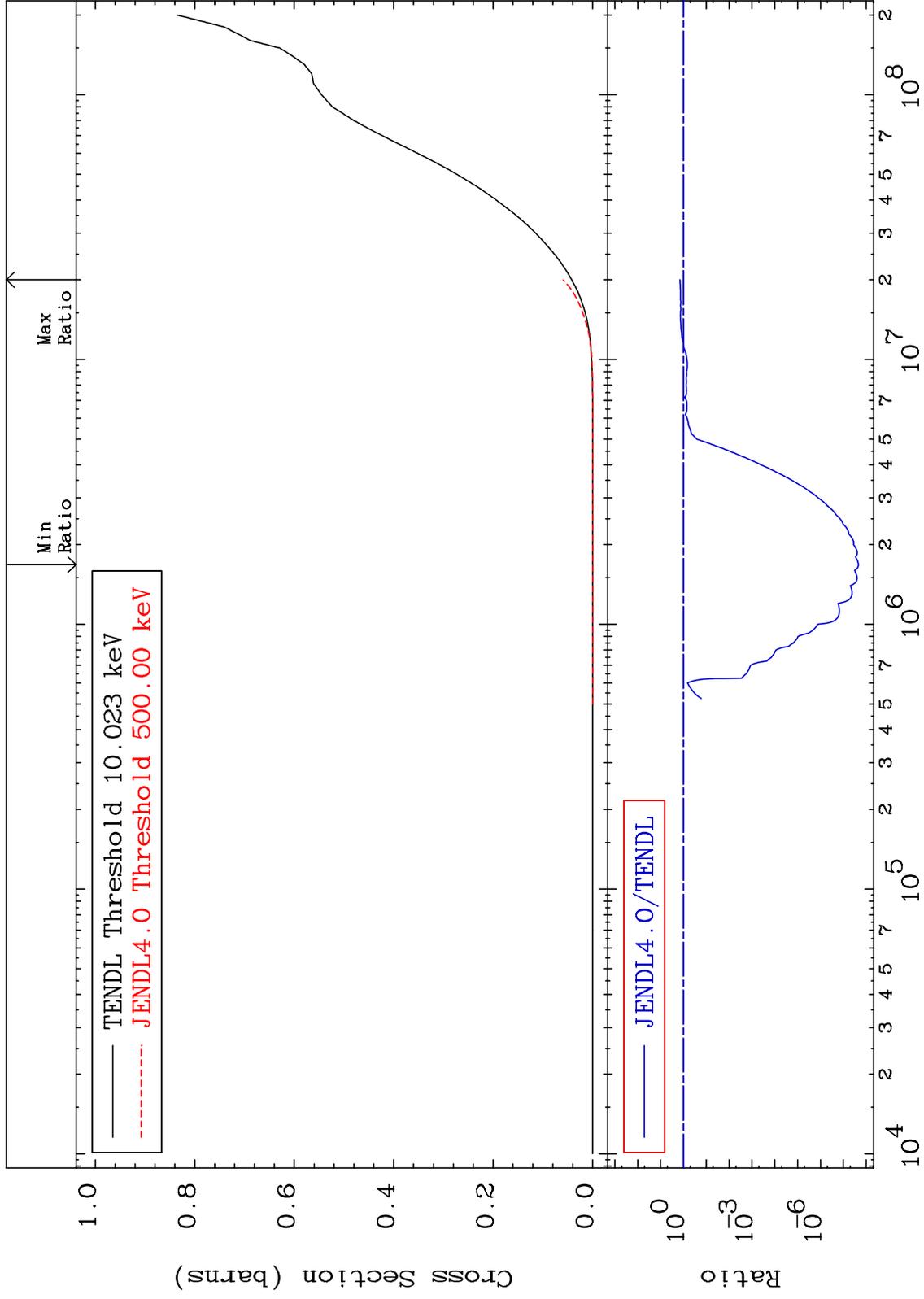
-100.0 To 3364. %



MAT 5925

Hydrogen Production Cross Section

59-Pr-141
-100.0 To 41.79 %



25

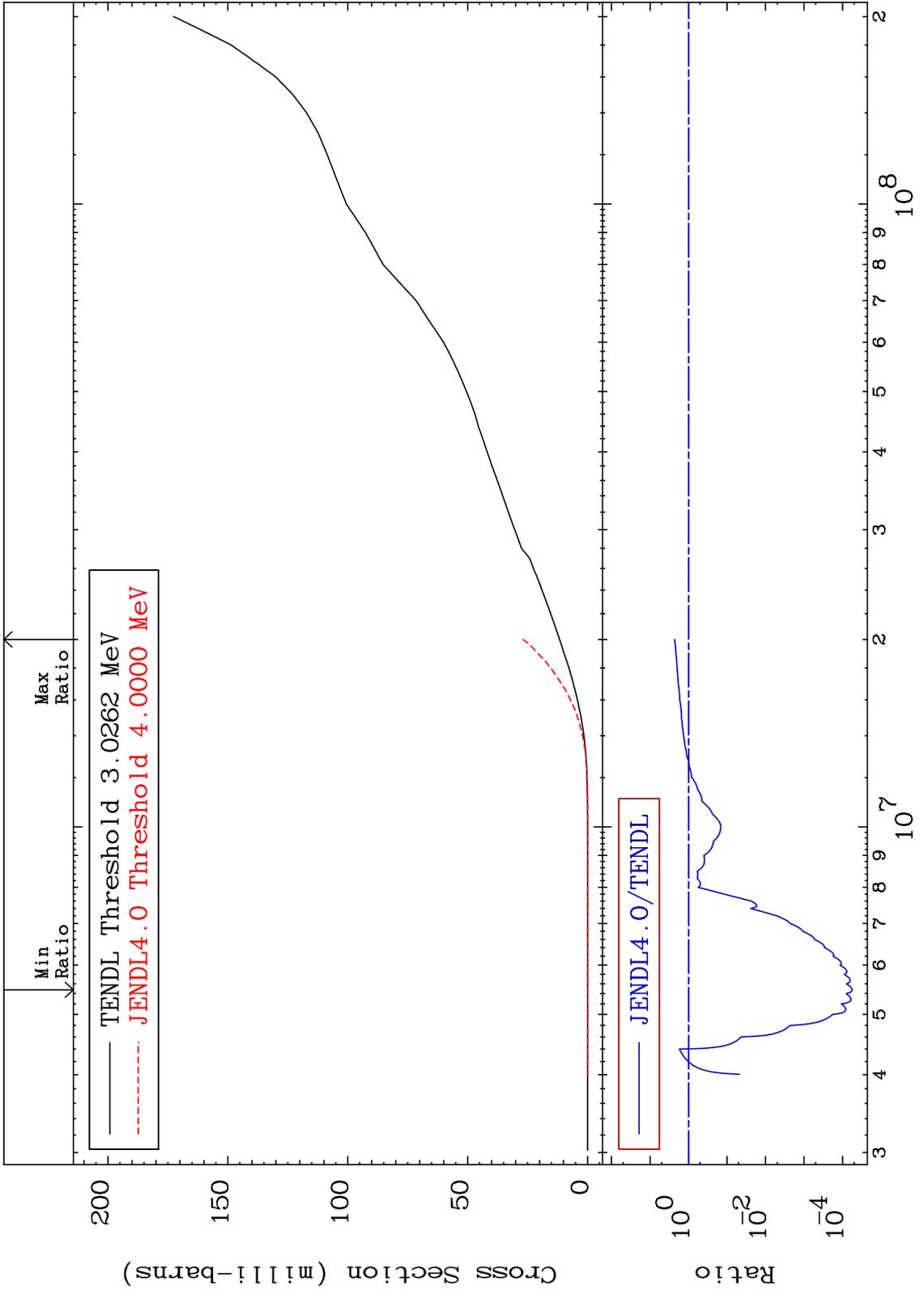
Incident Energy (eV)

59-Pr-141

MAT 5925

Deuterium Production
Cross Section

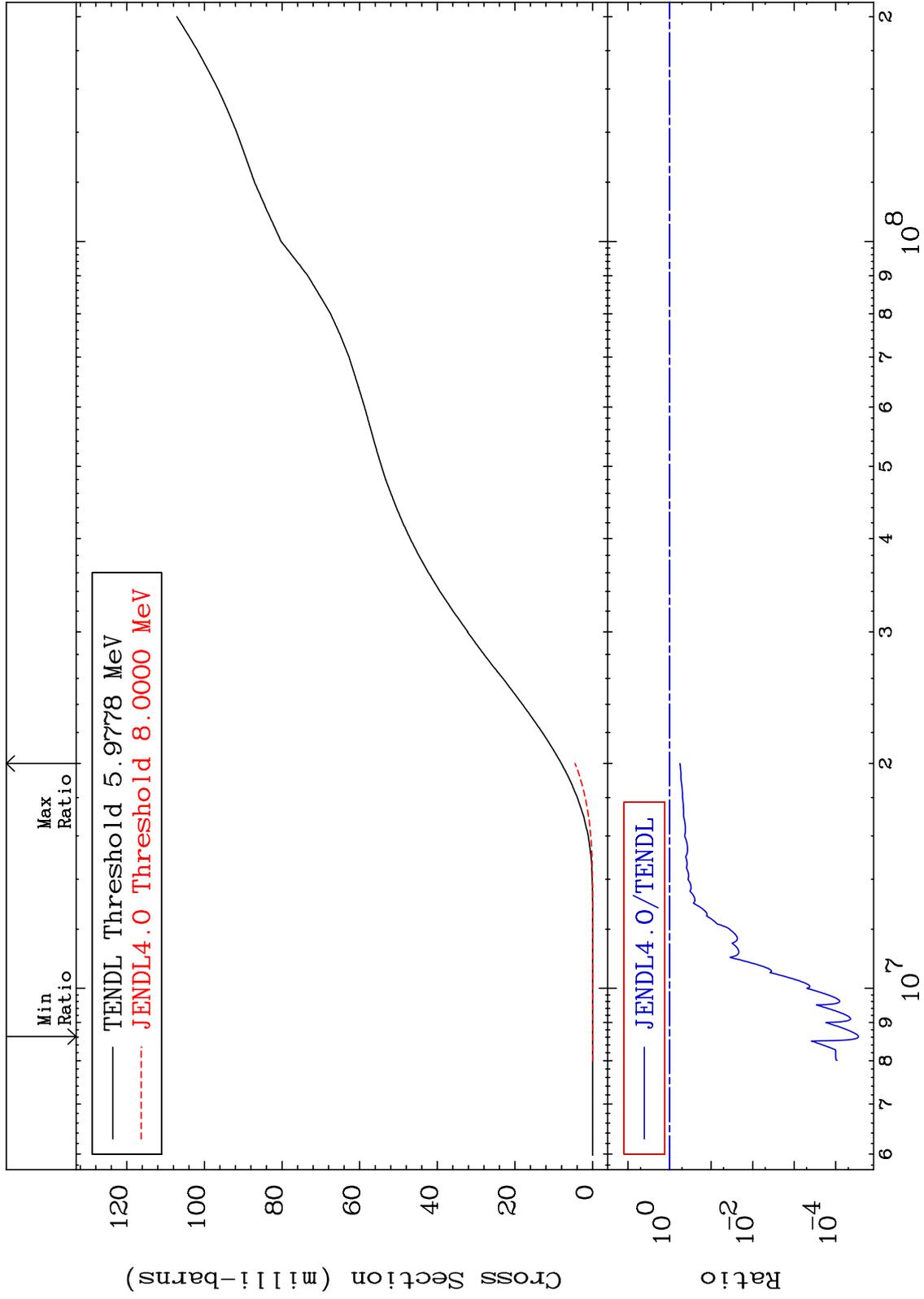
59-Pr-141
-99.99 To 131.0 %



MAT 5925

Tritium Production
Cross Section

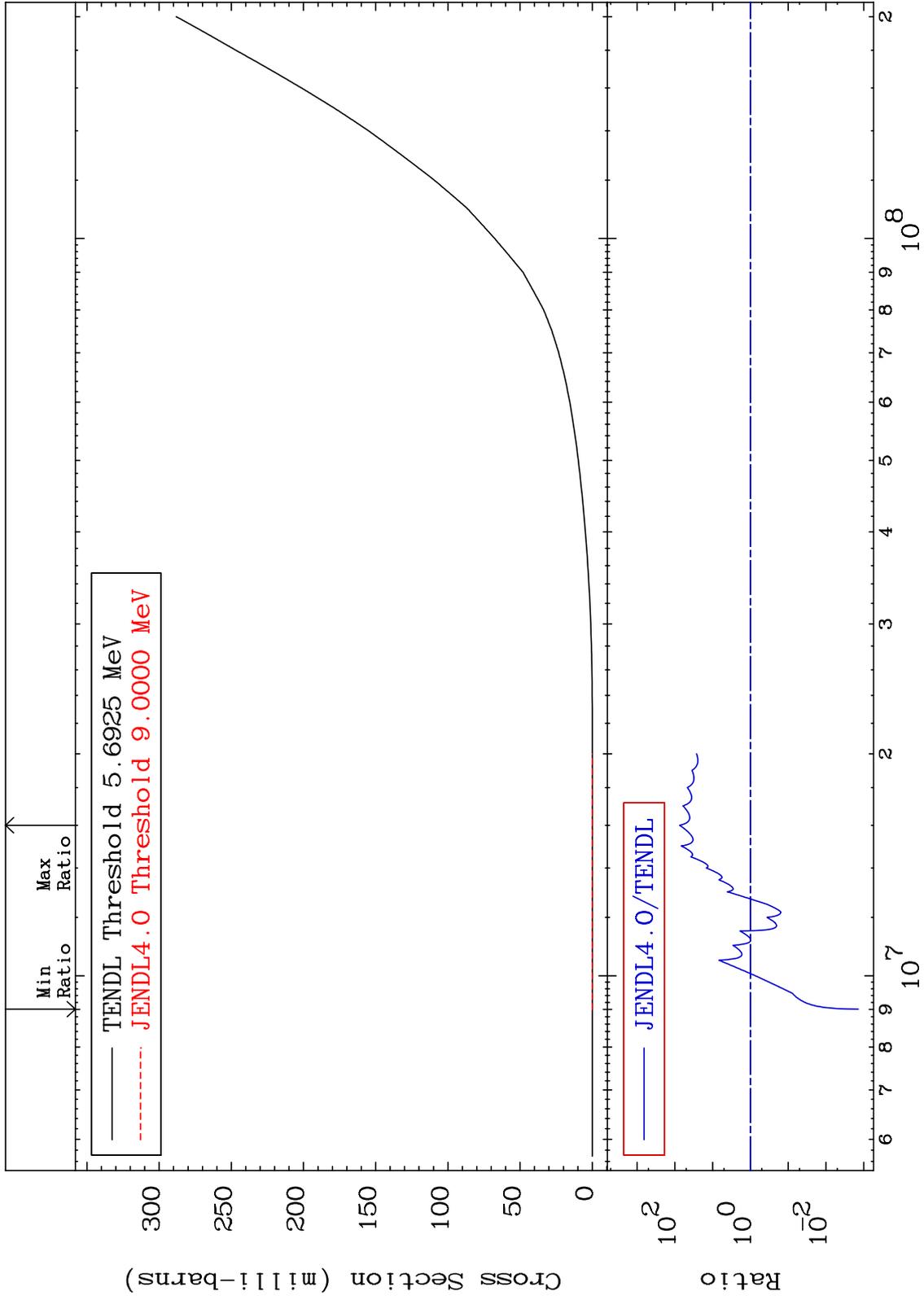
59-Pr-141
-100.0 To -43.71%

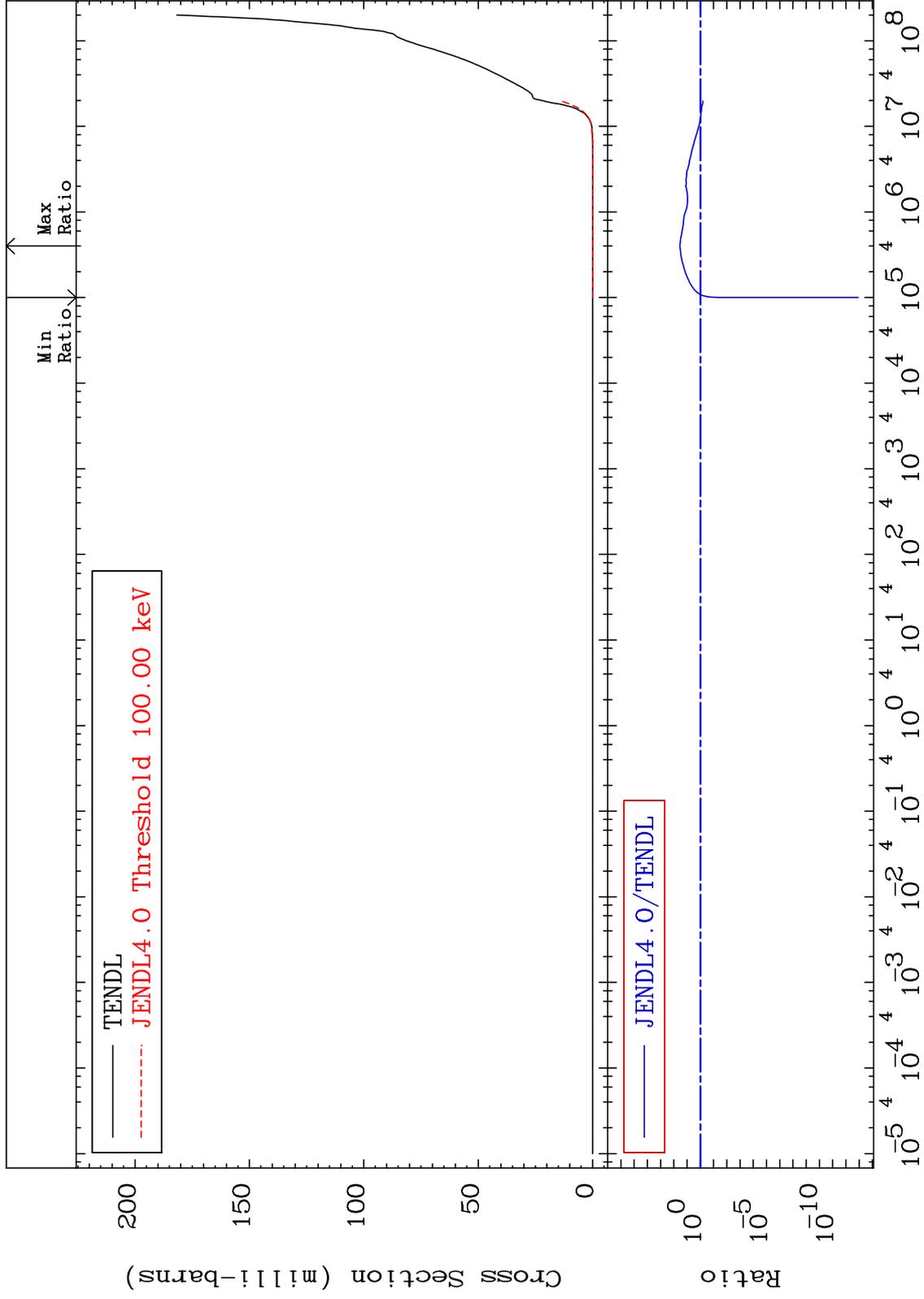


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Incident Energy (eV)

59-Pr-141

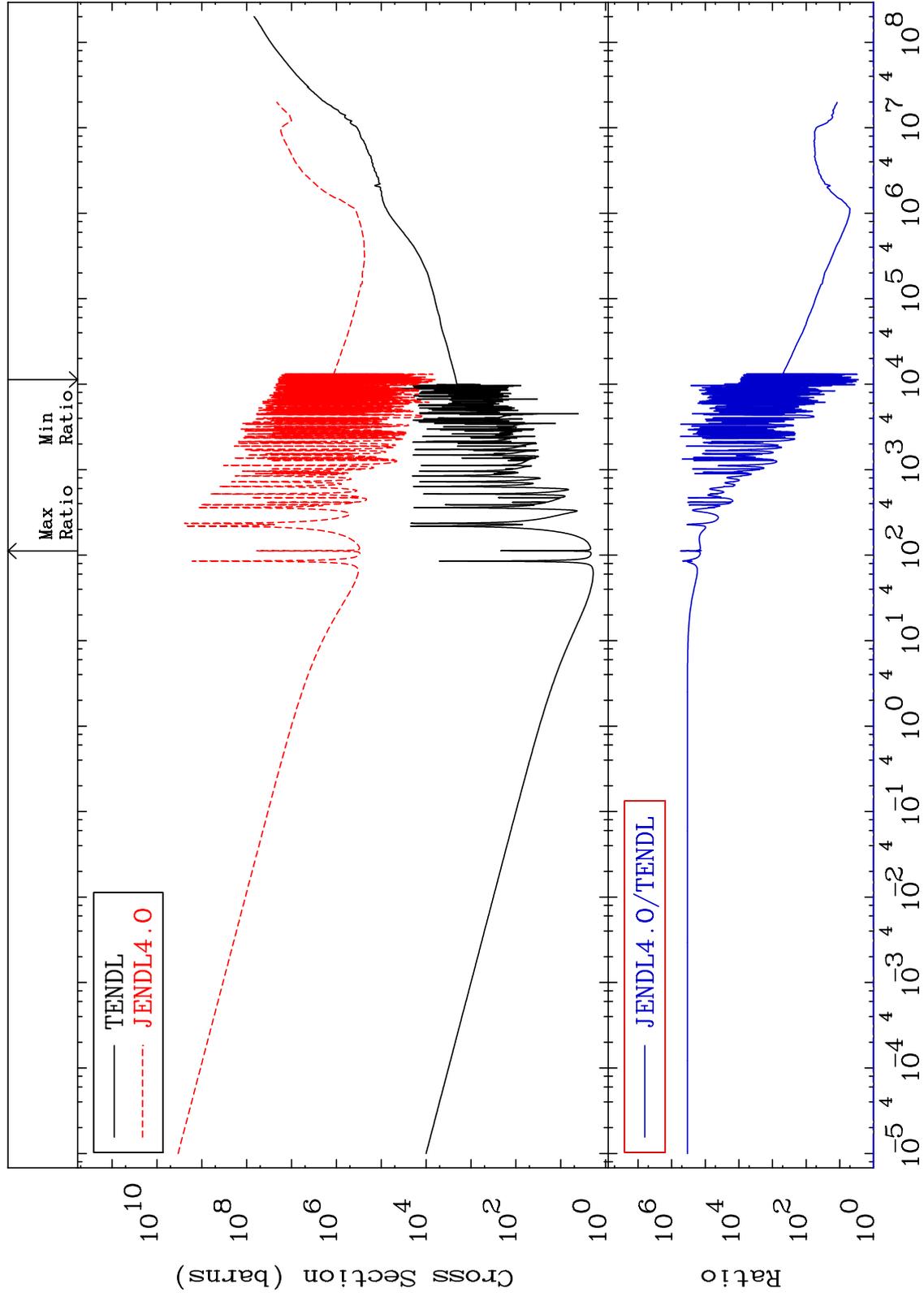




MAT 5925

Kerma total (eV-barns)
Cross Section

59-Pr-141
176.9 To 9999. %



30

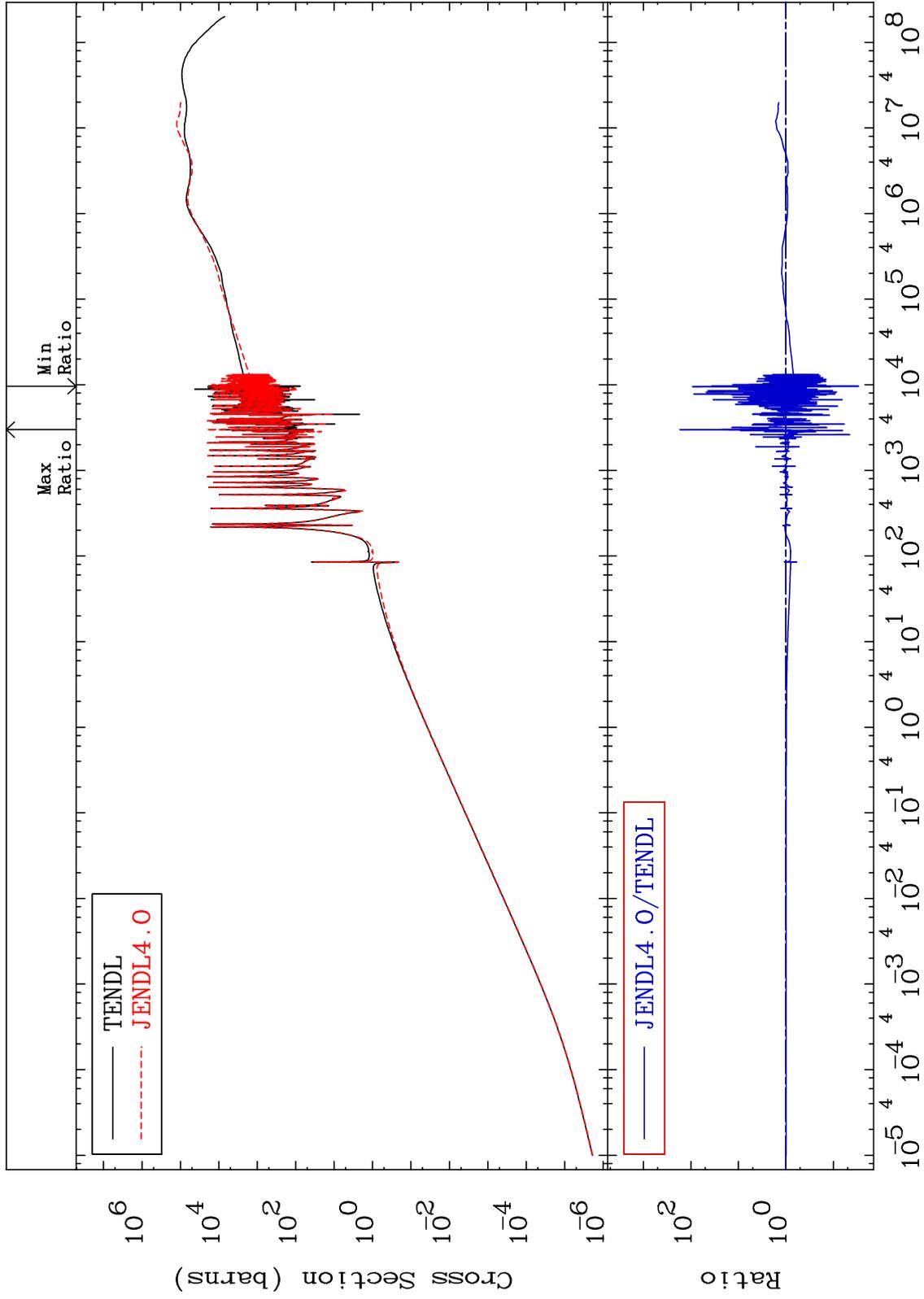
Incident Energy (eV)

59-Pr-141

MAT 5925

Kerma elastic
Cross Section

59-Pr-141
-97.03 To 9999. %



31

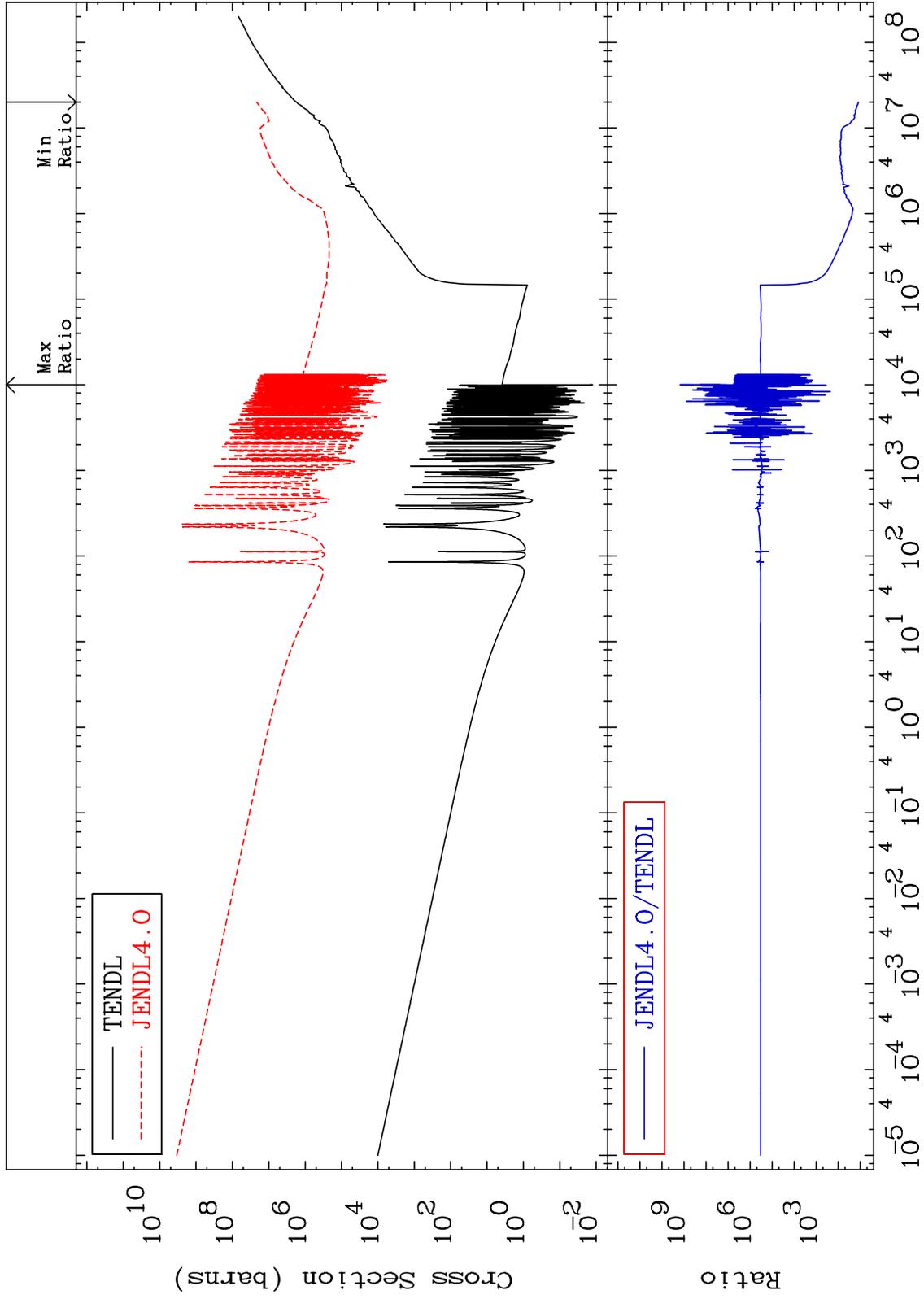
Incident Energy (eV)

59-Pr-141

MAT 5925

Kerma non-elastic (all but mt2)
Cross Section

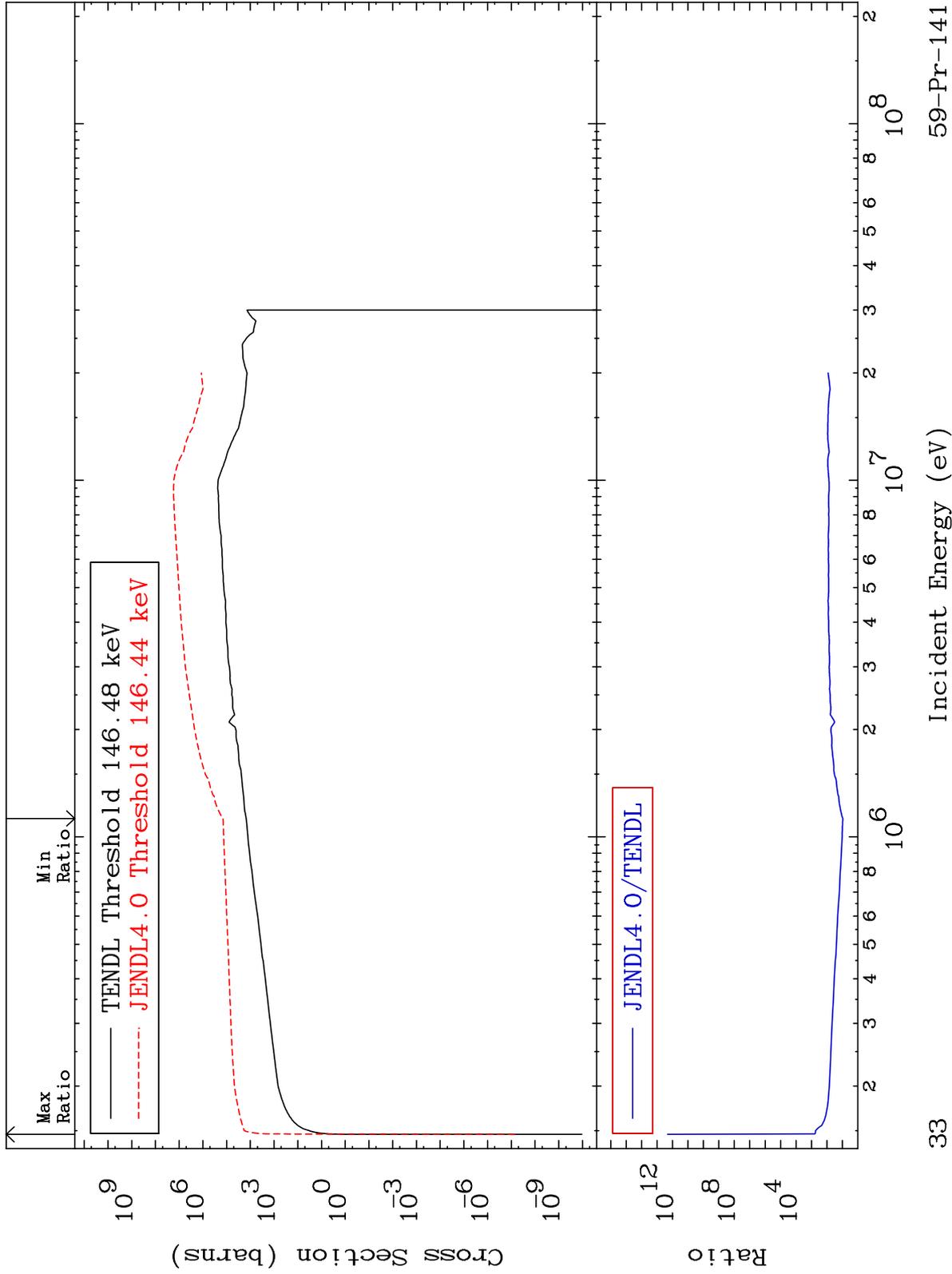
59-Pr-141
1125. To 9999. %

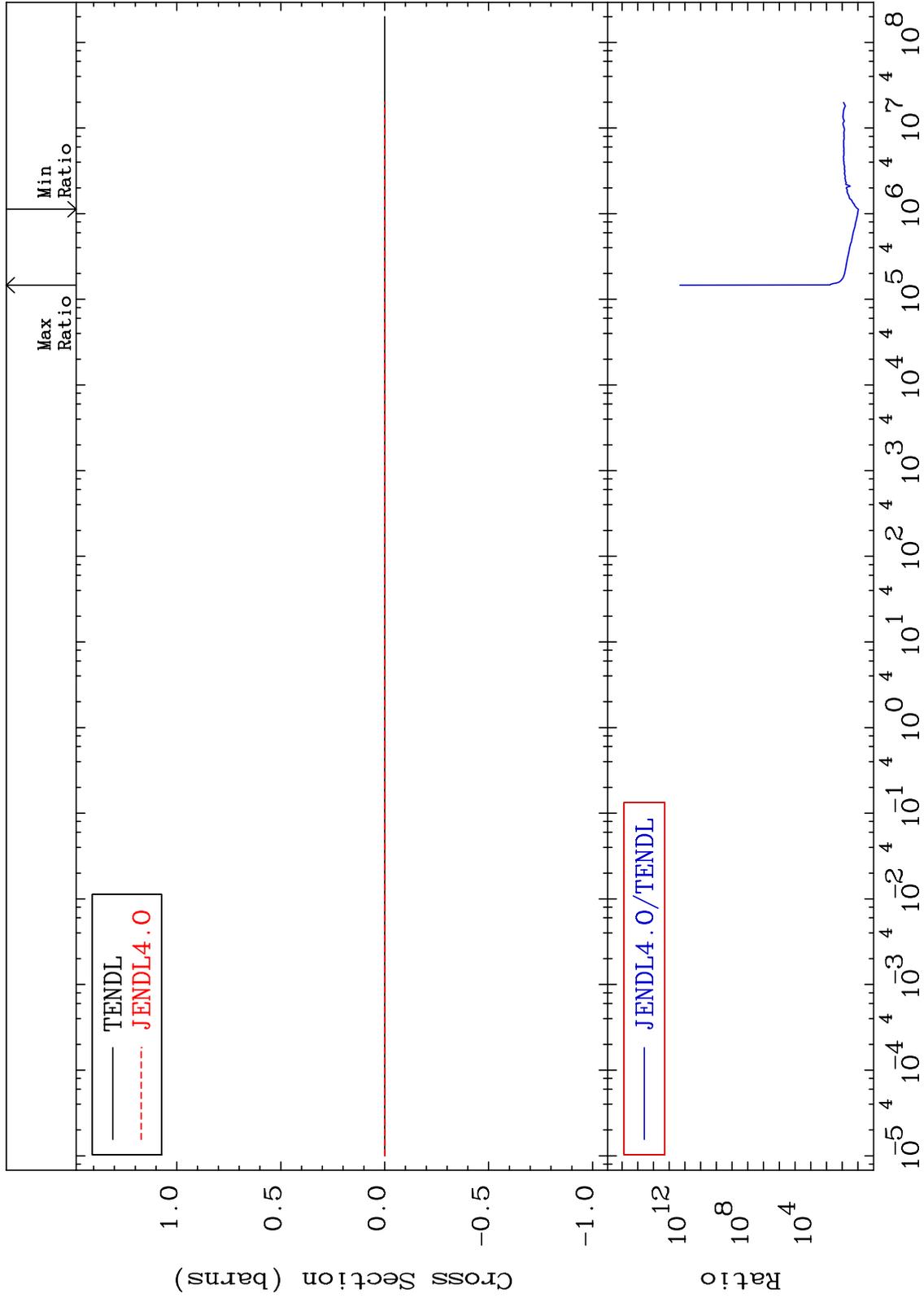


MAT 5925

Kerma inelastic (mt51-91)
Cross Section

59-Pr-141
833.6 To 9999. %

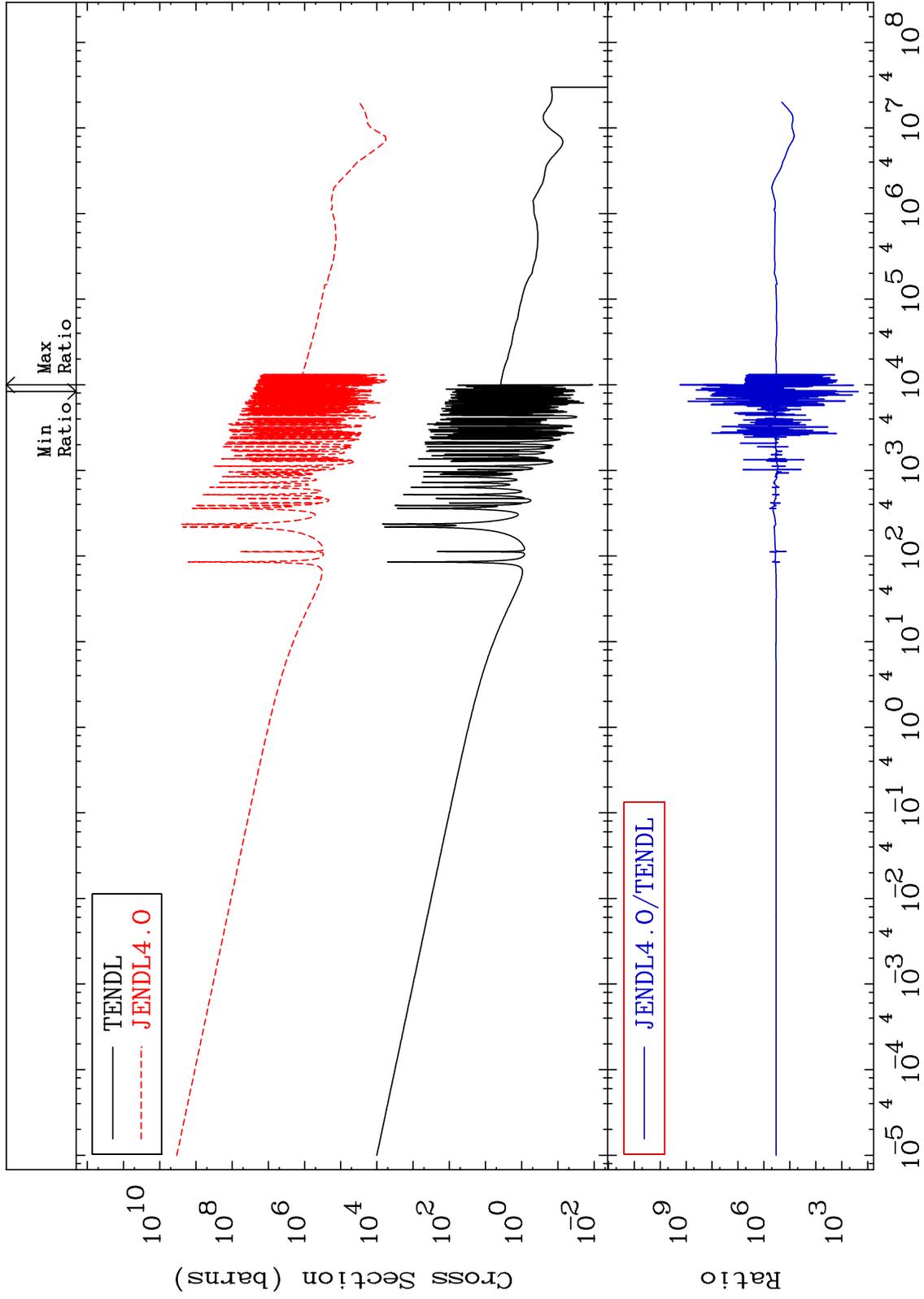




MAT 5925

Kerma capture (mt102)
Cross Section

59-Pr-141
9999. To 9999. %



35

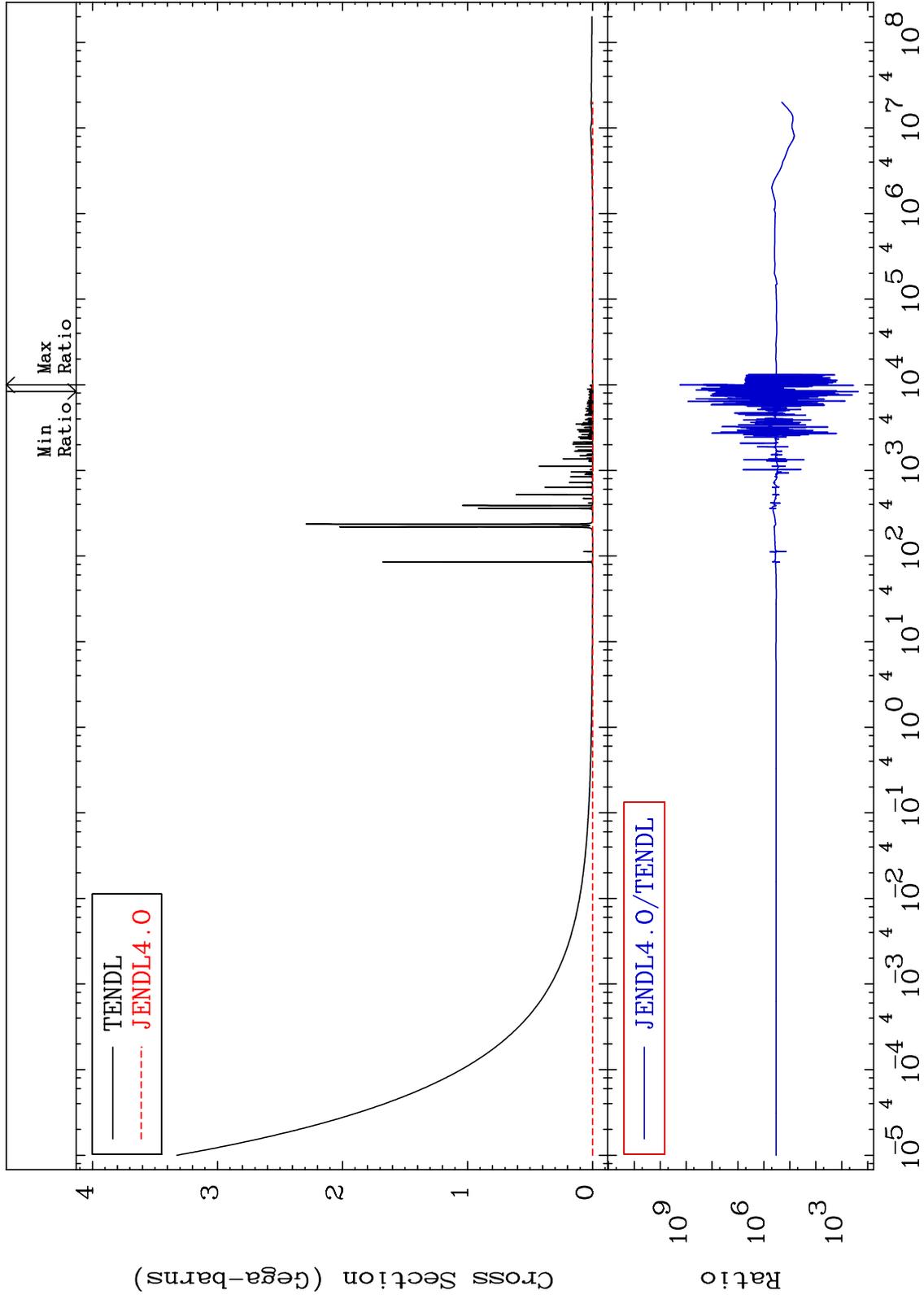
Incident Energy (eV)

59-Pr-141

MAT 5925

Total photon (eV-barns)
Cross Section

59-Pr-141
9999. To 9999. %



36

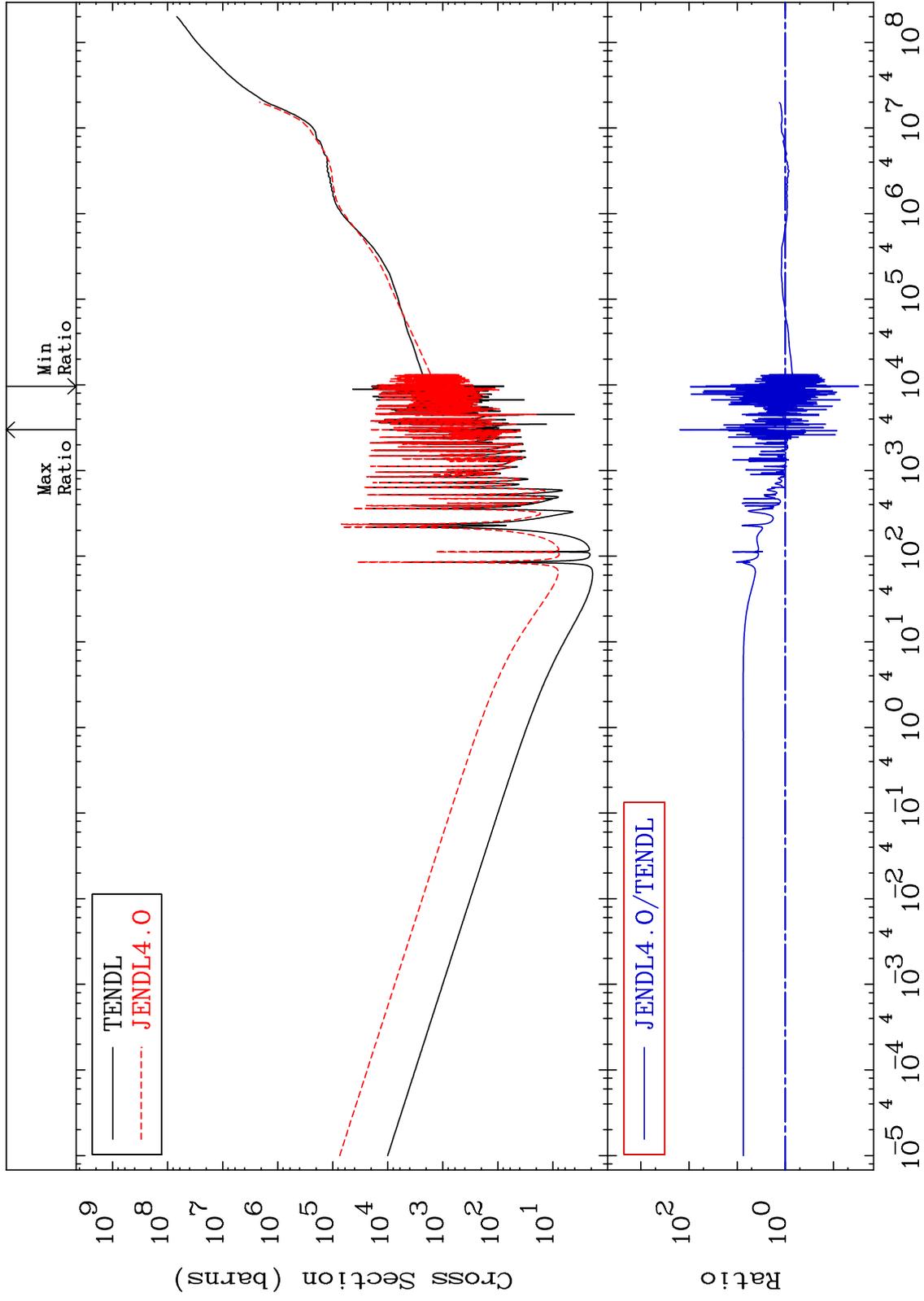
Incident Energy (eV)

59-Pr-141

MAT 5925

Total kinematic kerma (high limit)
Cross Section

59-Pr-141
-96.97 To 9999. %



37

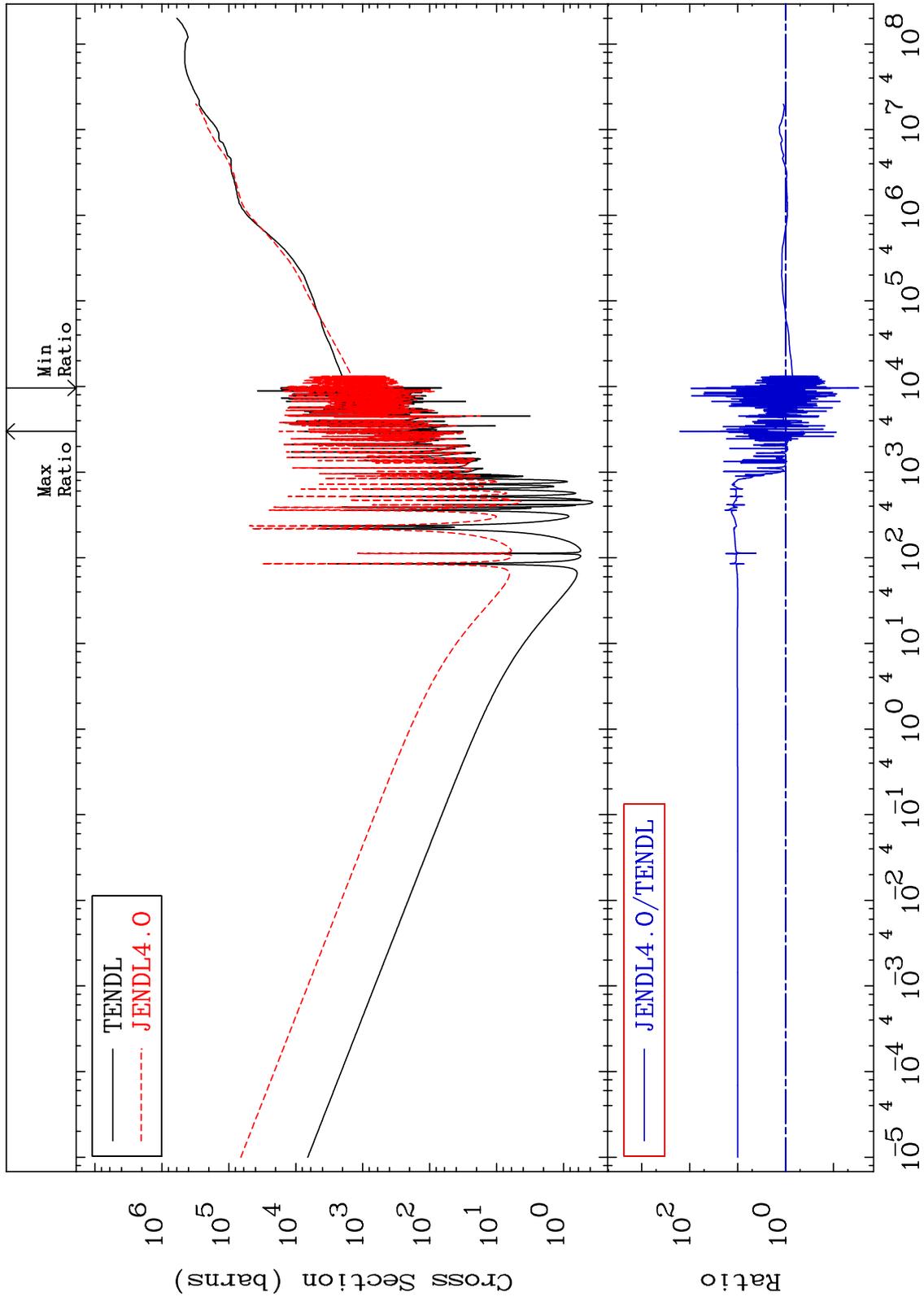
Incident Energy (eV)

59-Pr-141

MAT 5925

Dpa total (eV-barns)
Cross Section

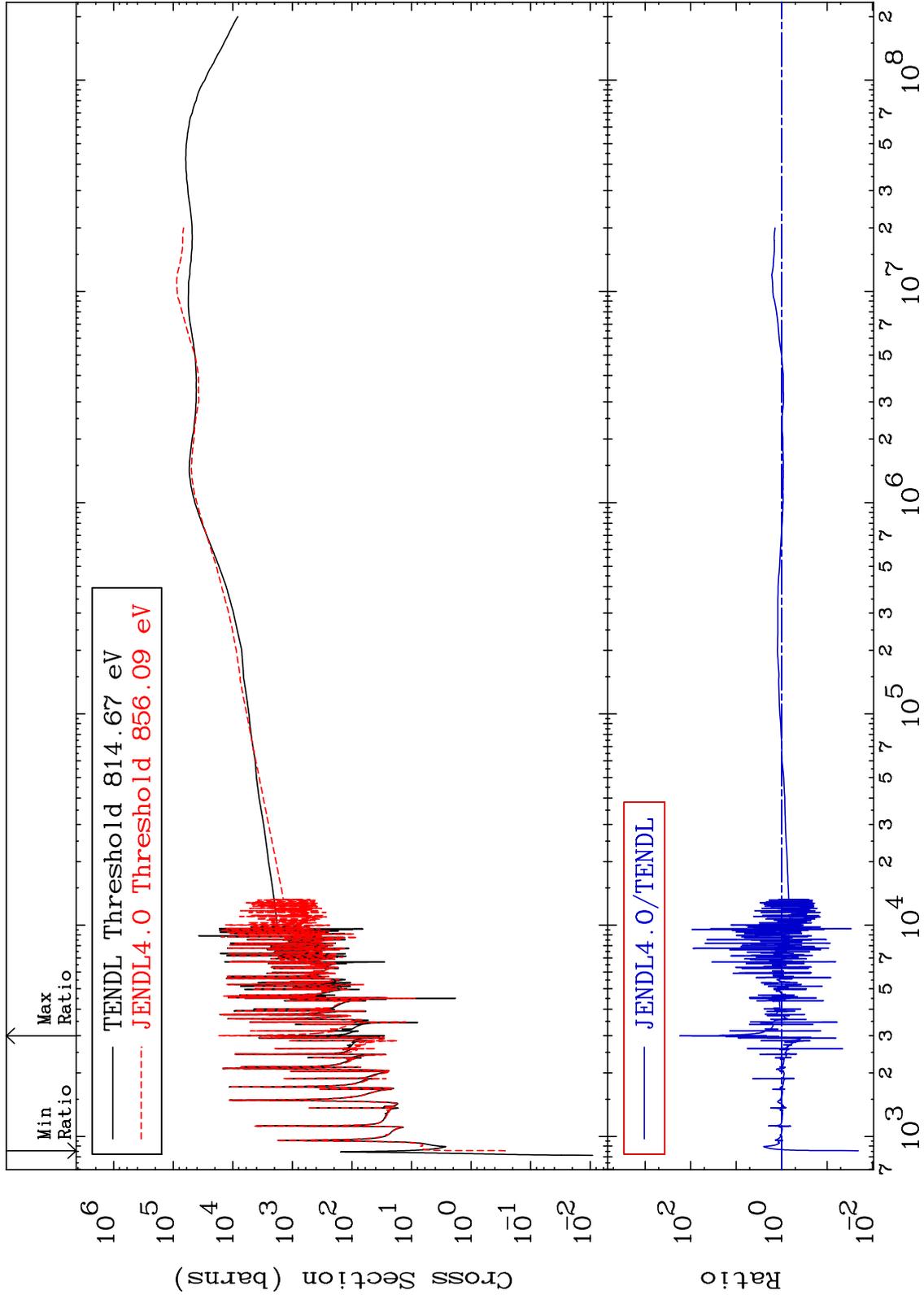
59-Pr-141
-96.97 To 9999. %



MAT 5925

Dpa elastic (mt2)
Cross Section

59-Pr-141
-97.95 To 9999. %



39

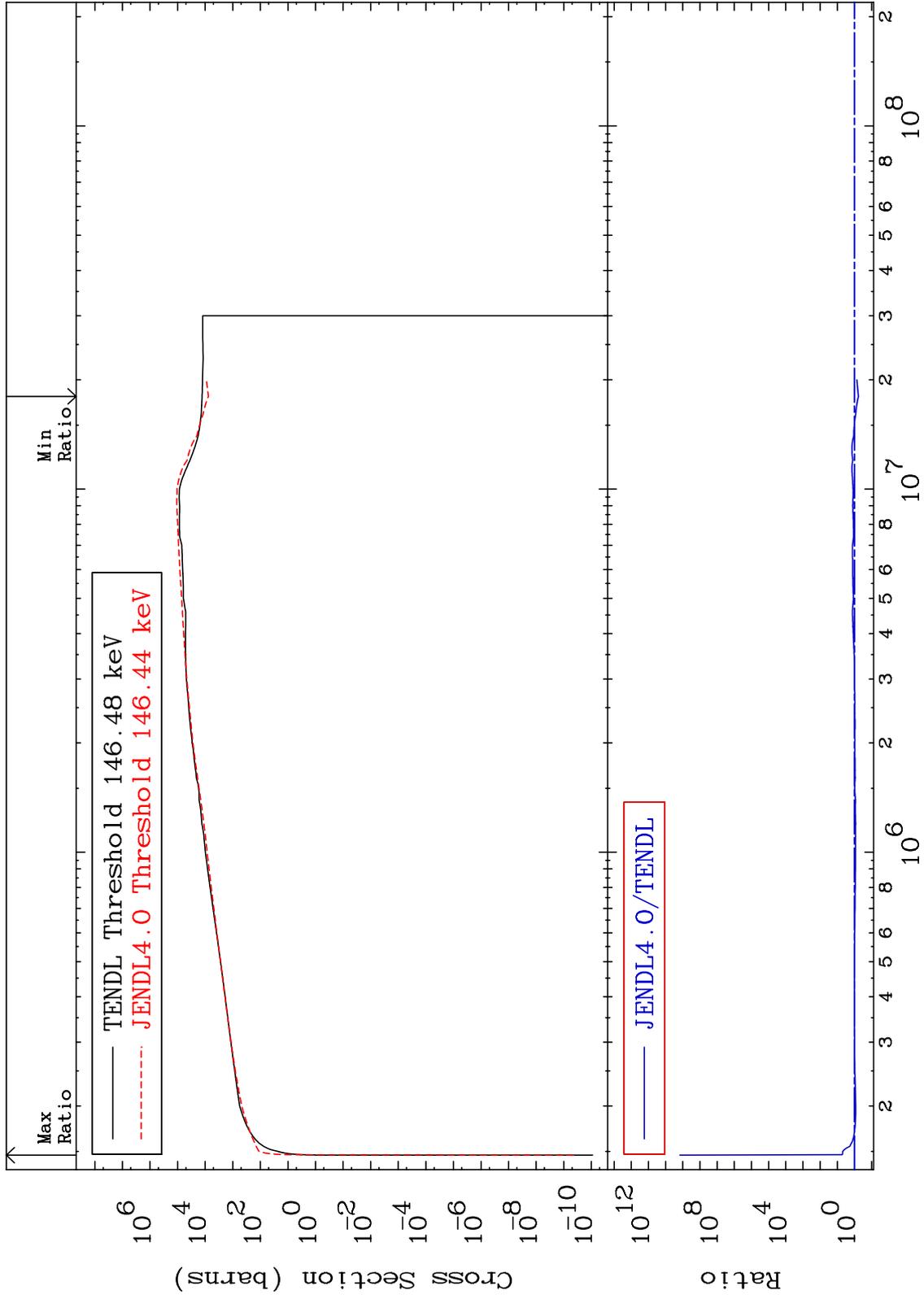
Incident Energy (eV)

59-Pr-141

MAT 5925

Dpa inelastic (mt51-91)
Cross Section

59-Pr-141
-40.98 To 9999. %



40

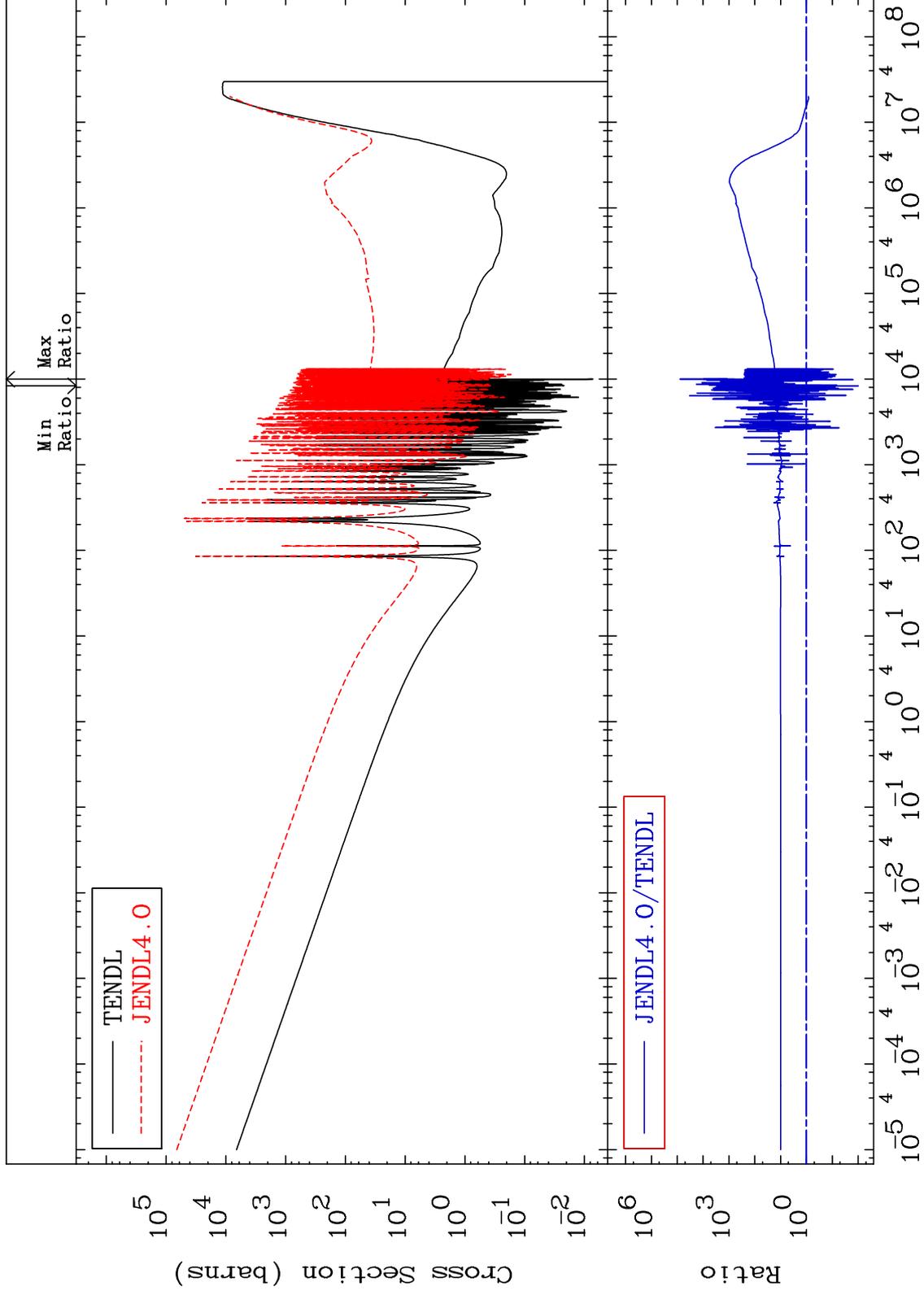
Incident Energy (eV)

59-Pr-141

MAT 5925

Dpa disappearance (mt102 -120)
Cross Section

59-Pr-141
-99.02 To 9999. %



41

Incident Energy (eV)

59-Pr-141