

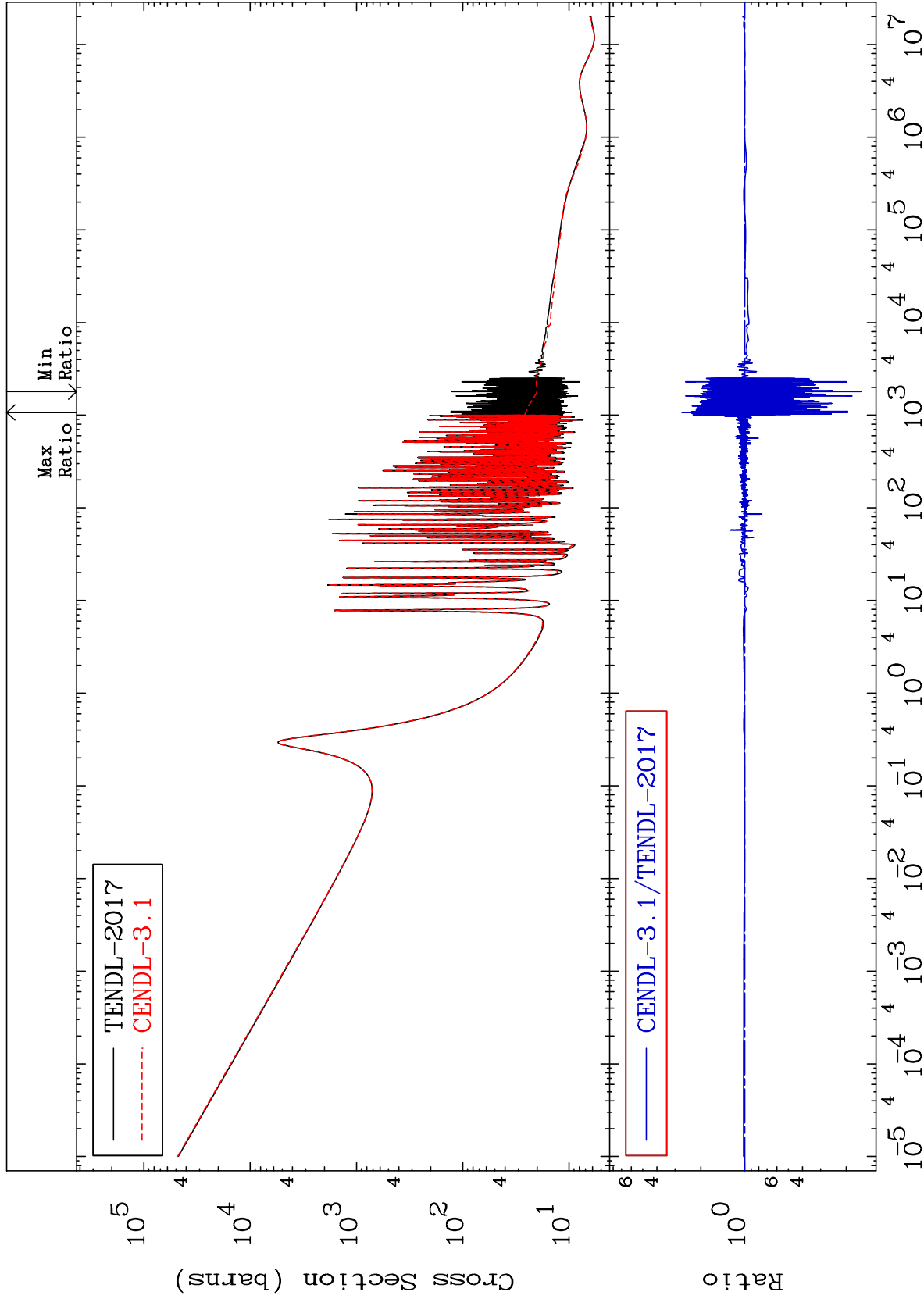
MAT 9437

Total

Cross Section

94-Pu-239

-84.09 To 169.3 %



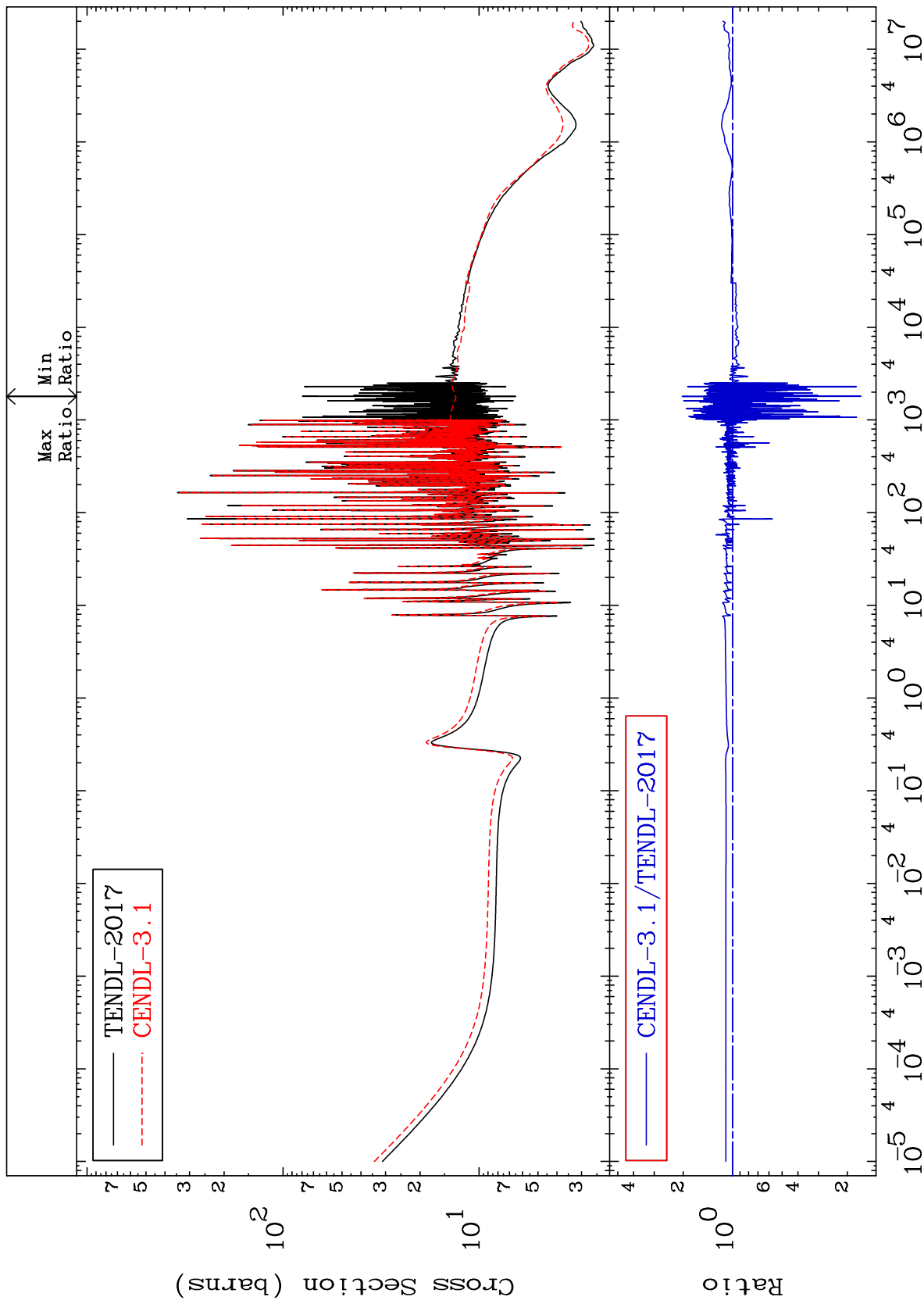
Incident Energy (eV)

94-Pu-239

MAT 9437

Elastic
Cross Section

94-Pu-239
-83.44 To 103.2 %



2

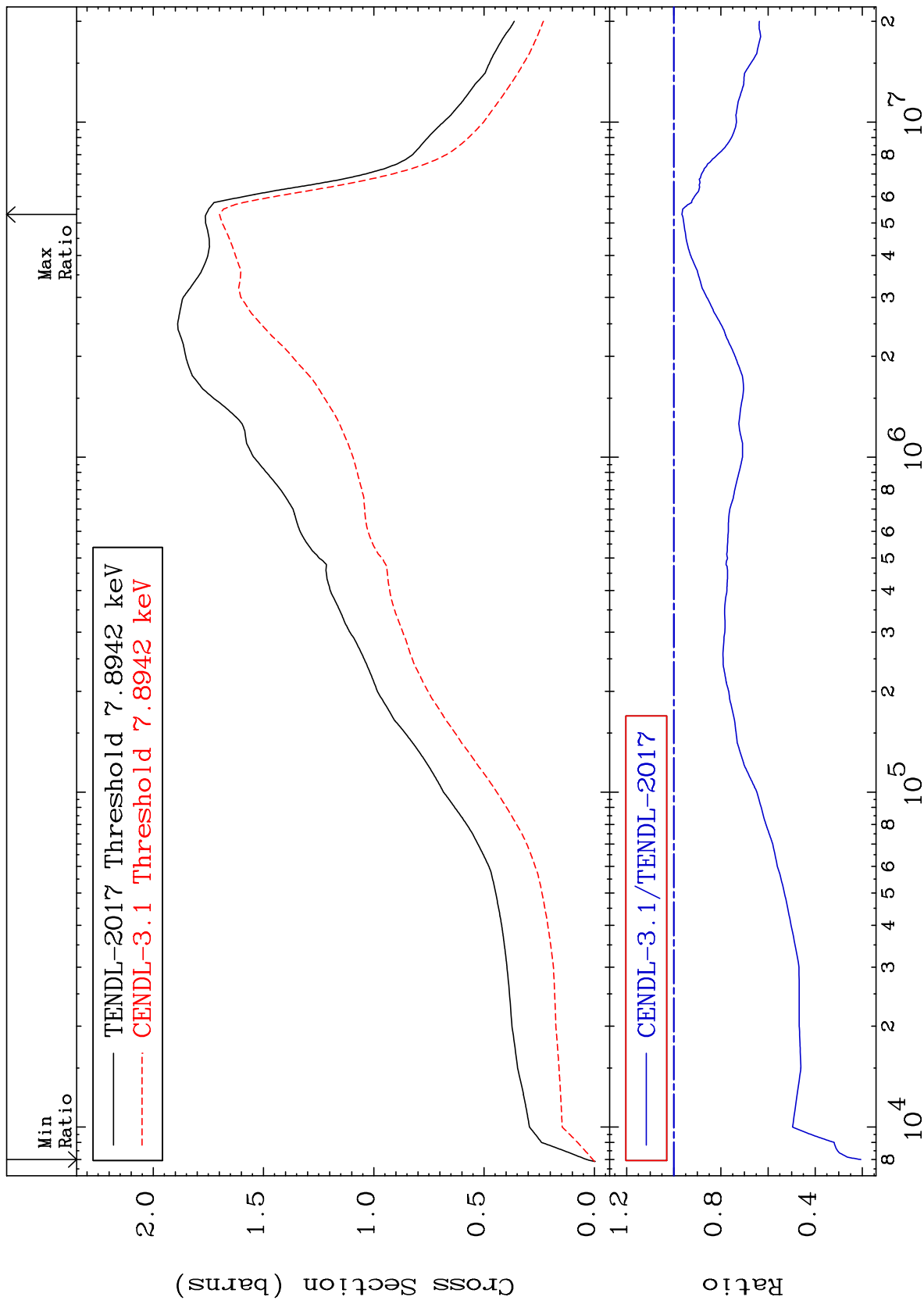
Incident Energy (eV)

94-Pu-239

MAT 9437

Inelastic
Cross Section

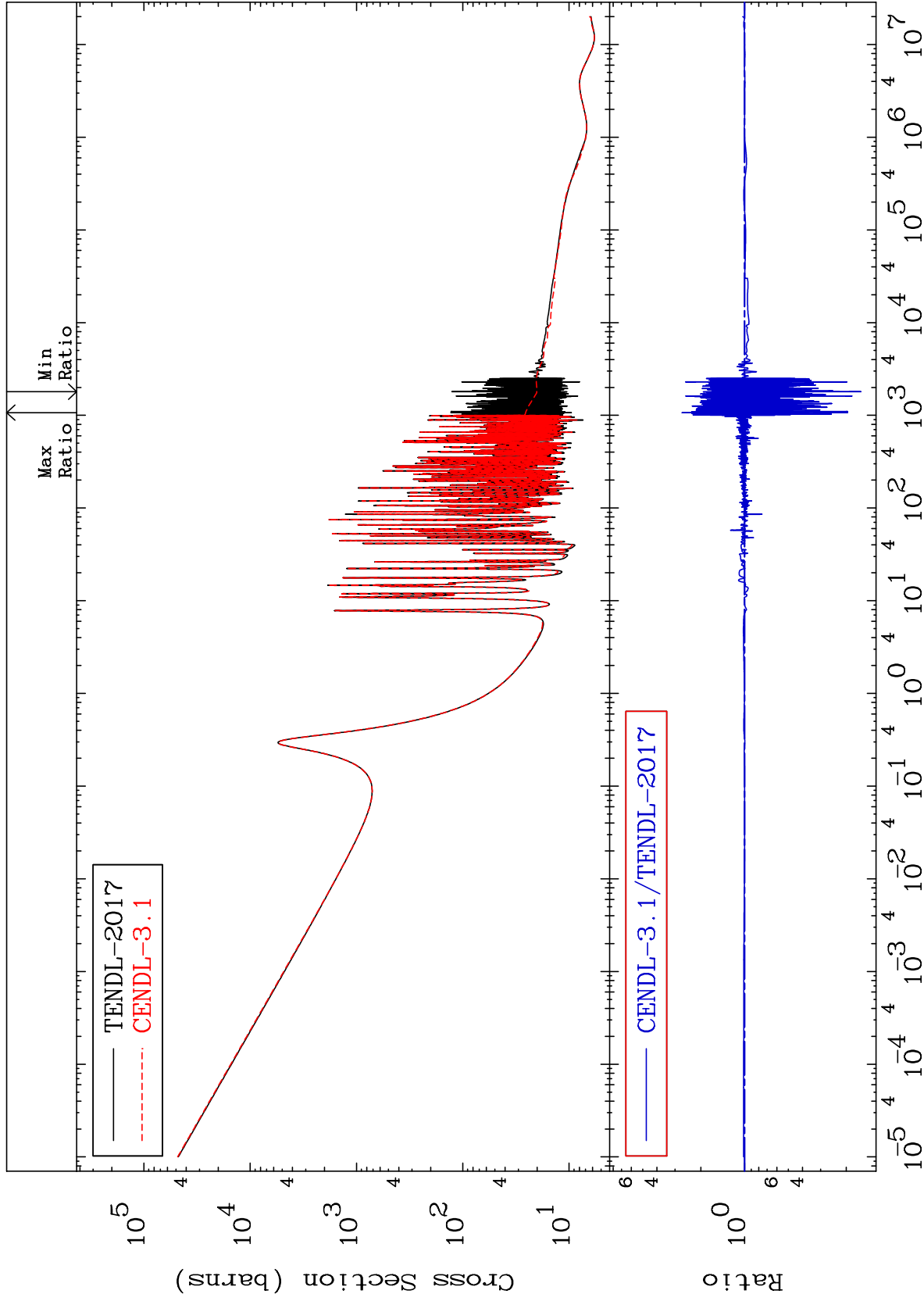
94-Pu-239
-79.37 To -3.464%



MAT 9437

Total
Cross Section

94-Pu-239
-84.09 To 169.3 %



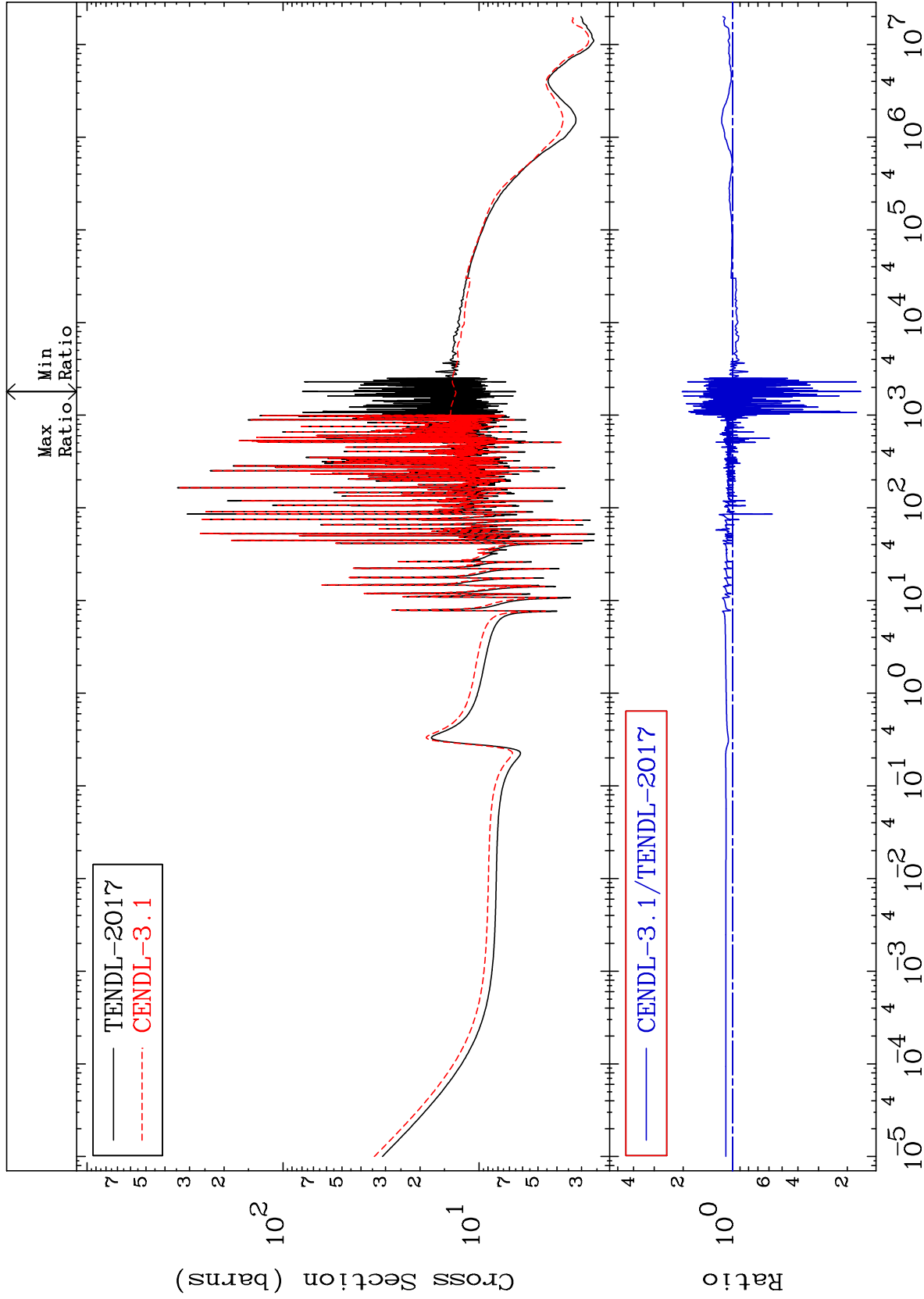
94-Pu-239

1

MAT 9437

Elastic
Cross Section

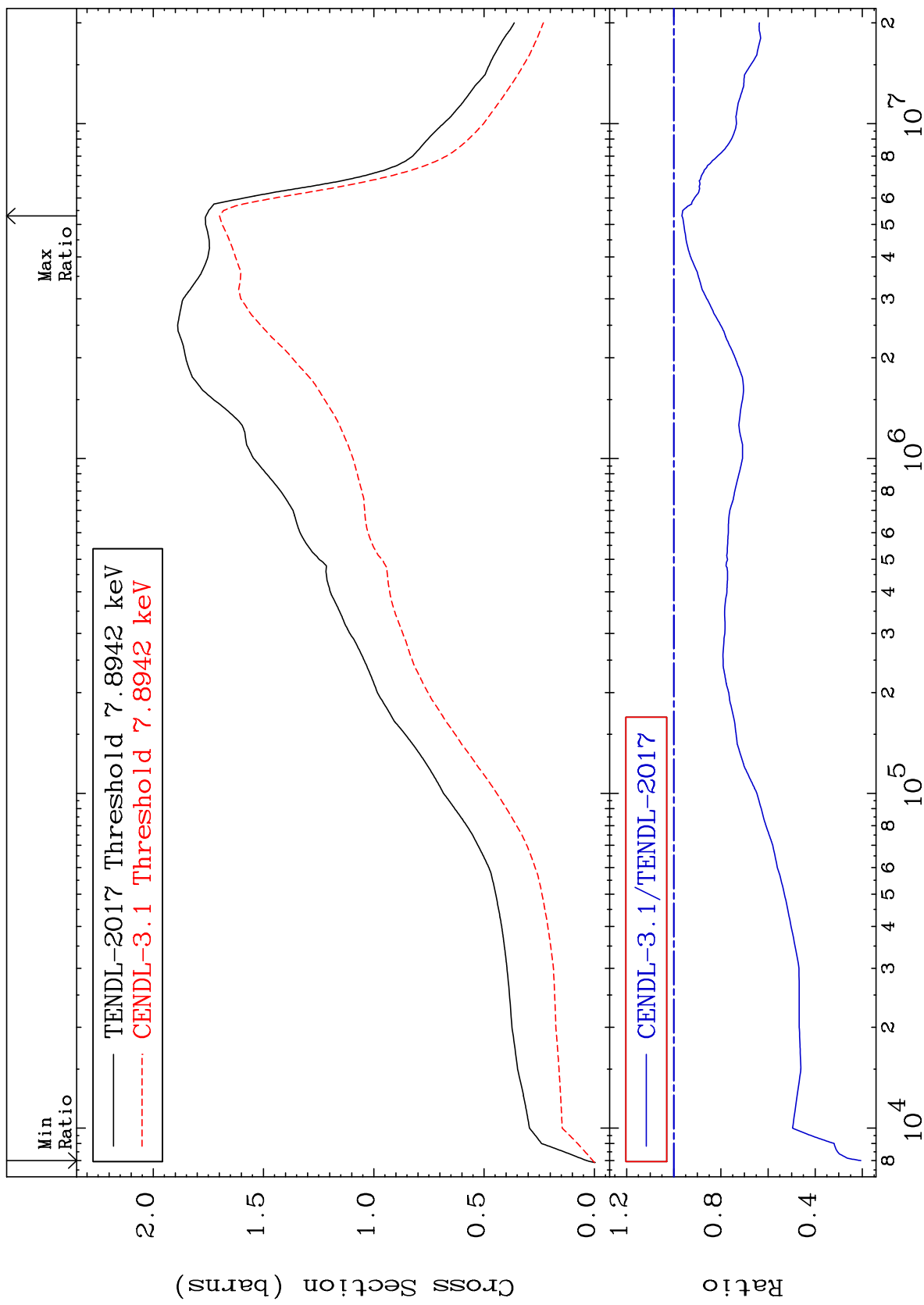
94-Pu-239
-83.44 To 103.2 %



MAT 9437

Inelastic
Cross Section

94-Pu-239
-79.37 To -3.464%



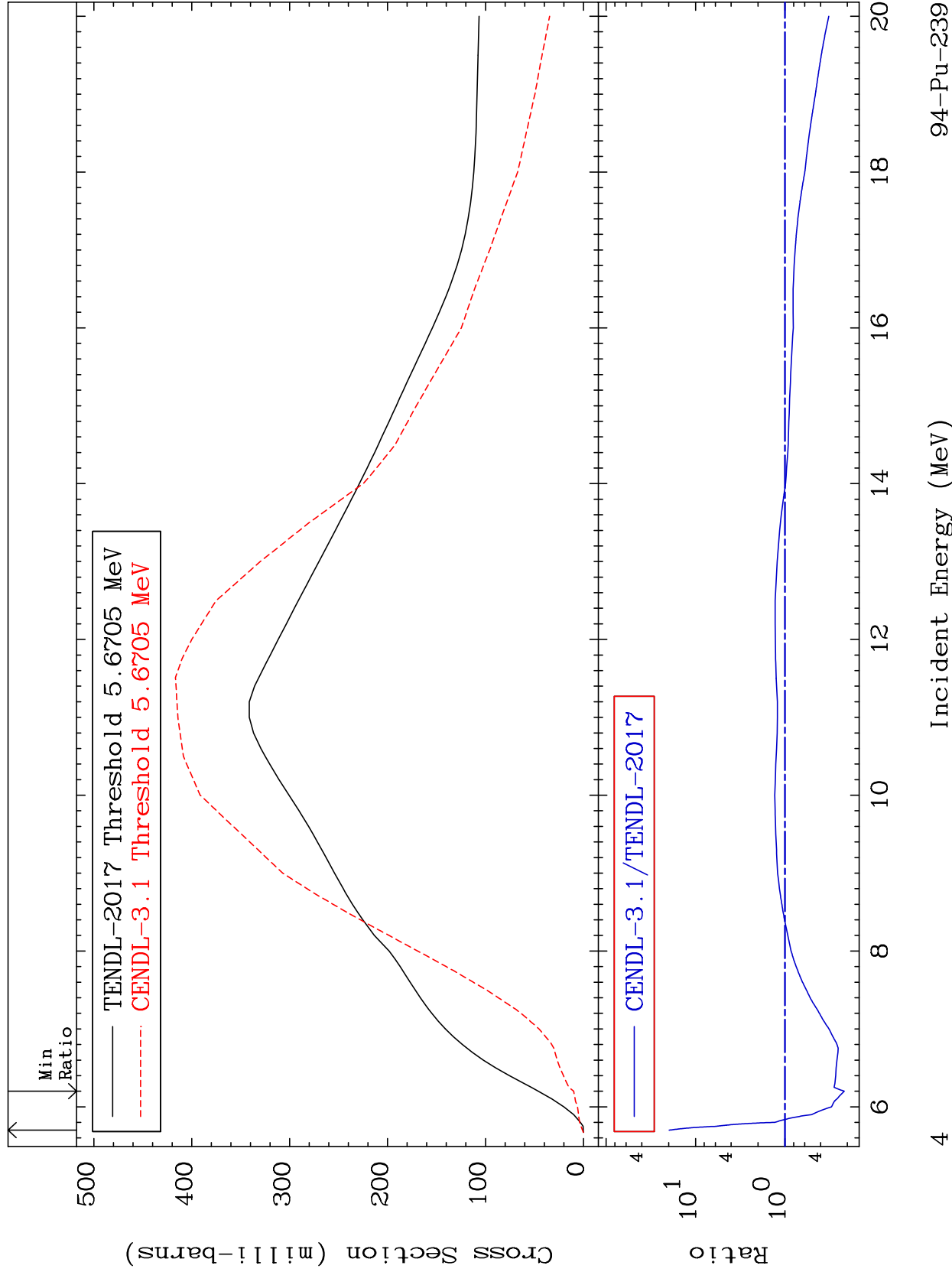
MAT 9437

(n, 2n)

94-Pu-239

Cross Section

-78.31 To 1875. %



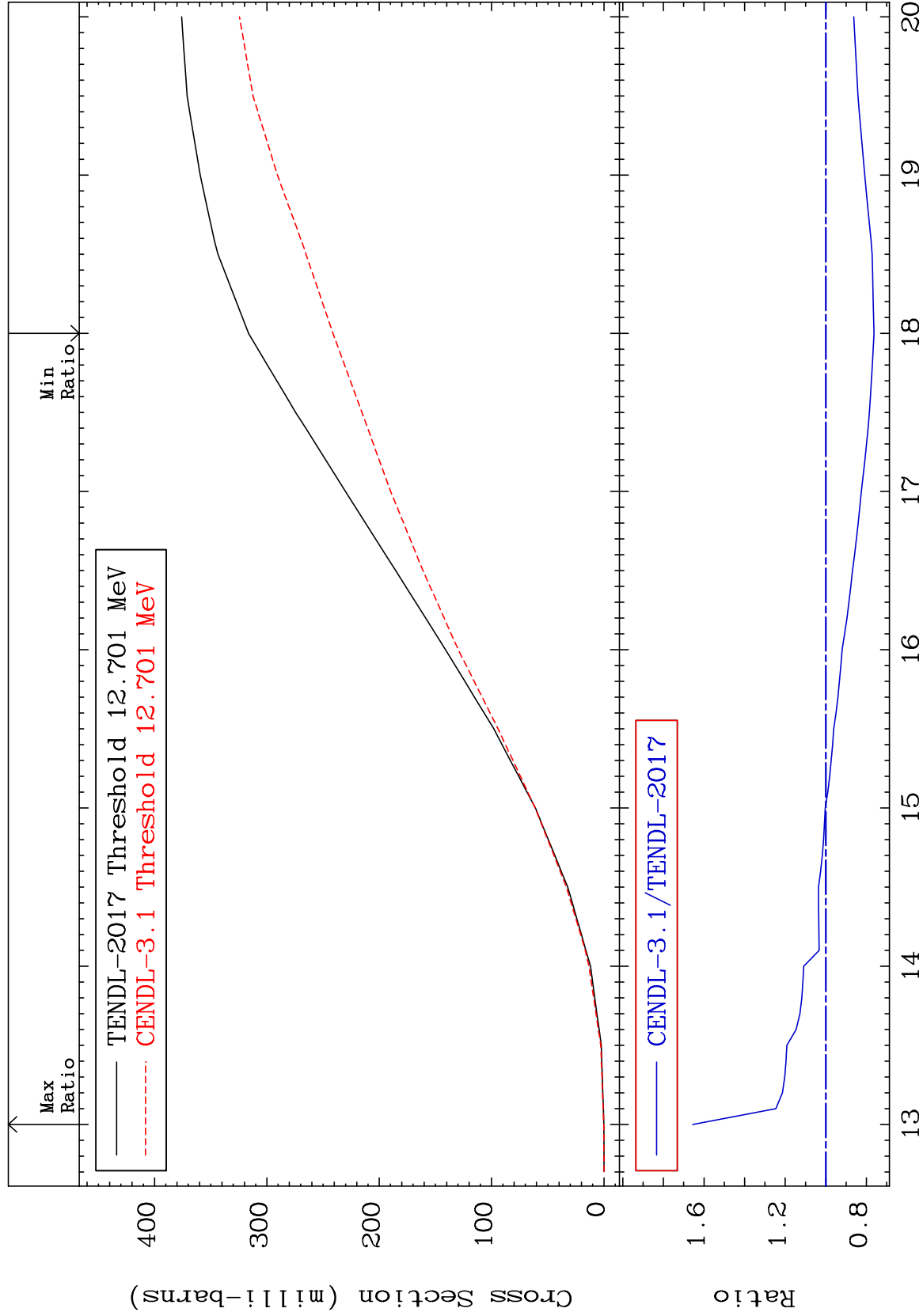
MAT 9437

(n,3n)

Cross Section

94-Pu-239

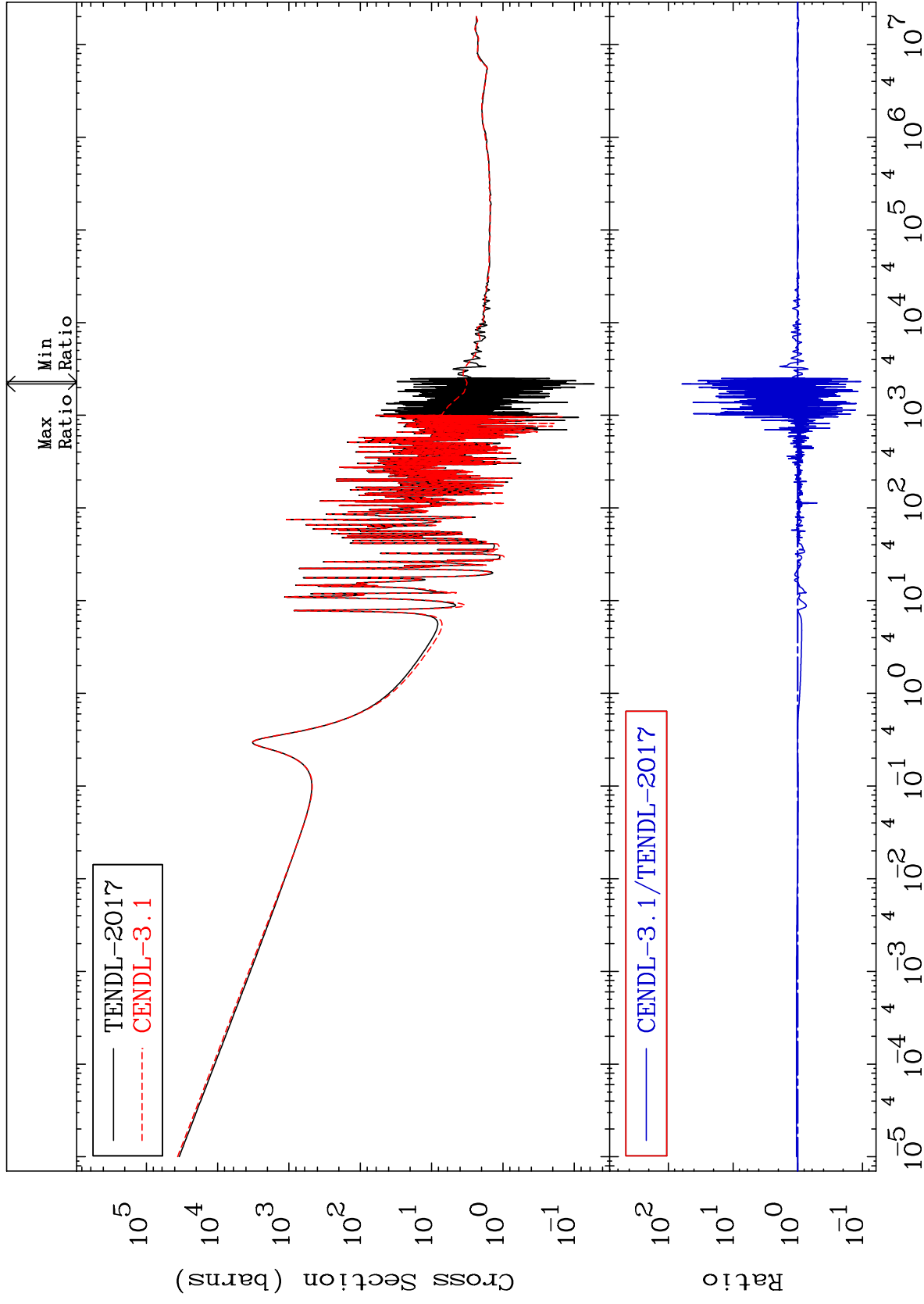
-23.74 To 65.56 %



MAT 9437

Fission
Cross Section

94-Pu-239
-89.36 To 6050. %



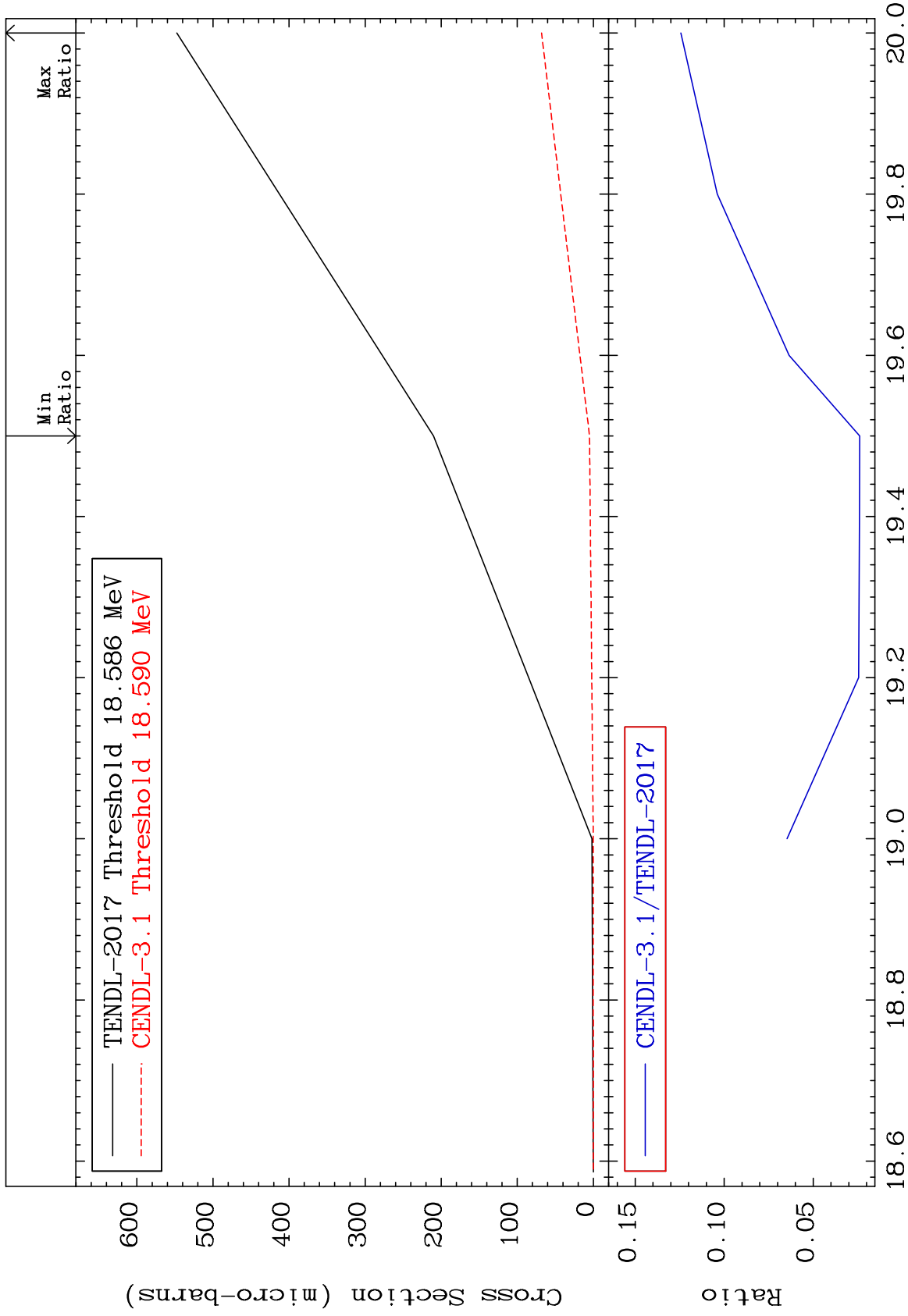
MAT 9437

(n, 4n)

Cross Section

94-Pu-239

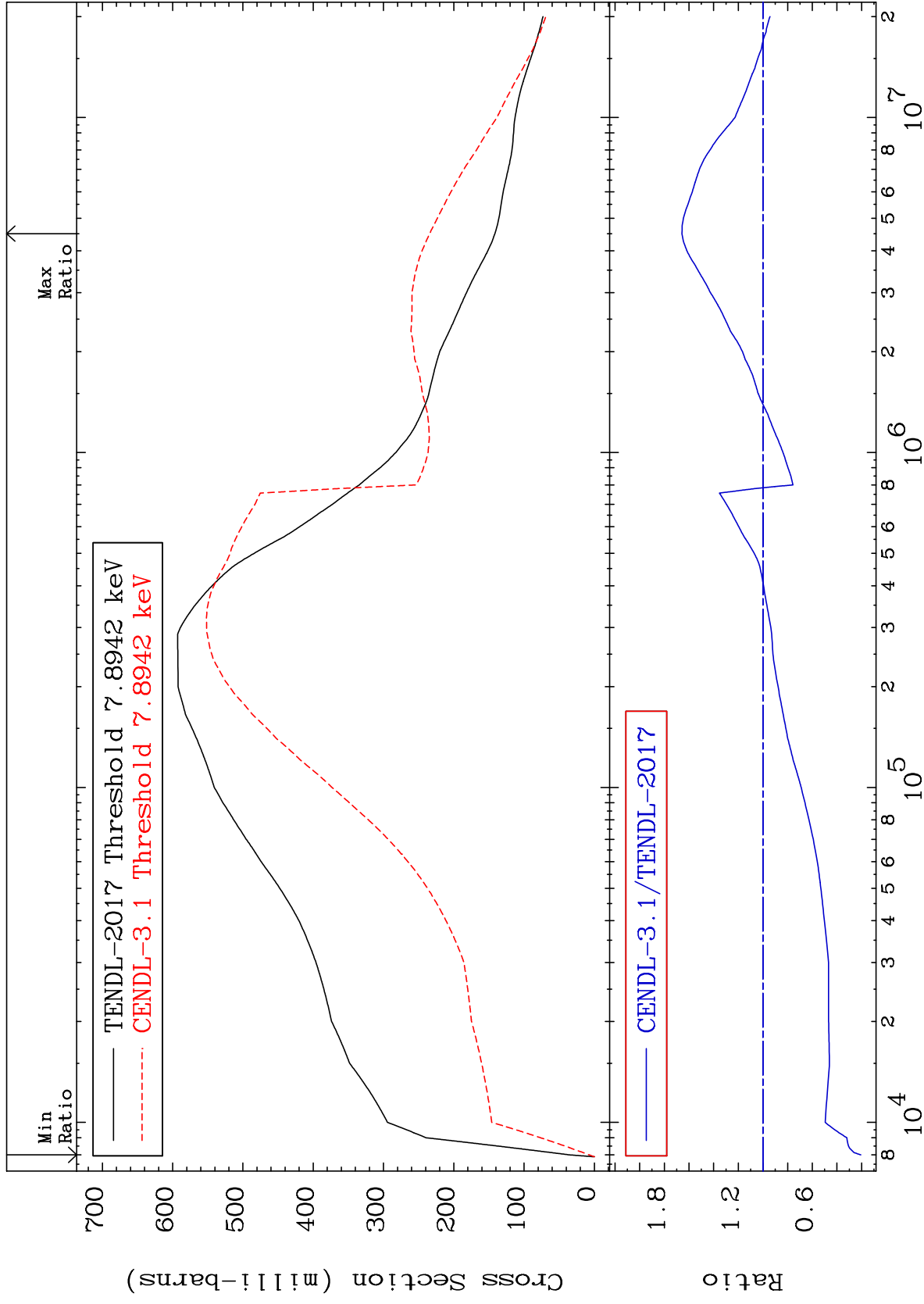
-97.61 To -87.57%



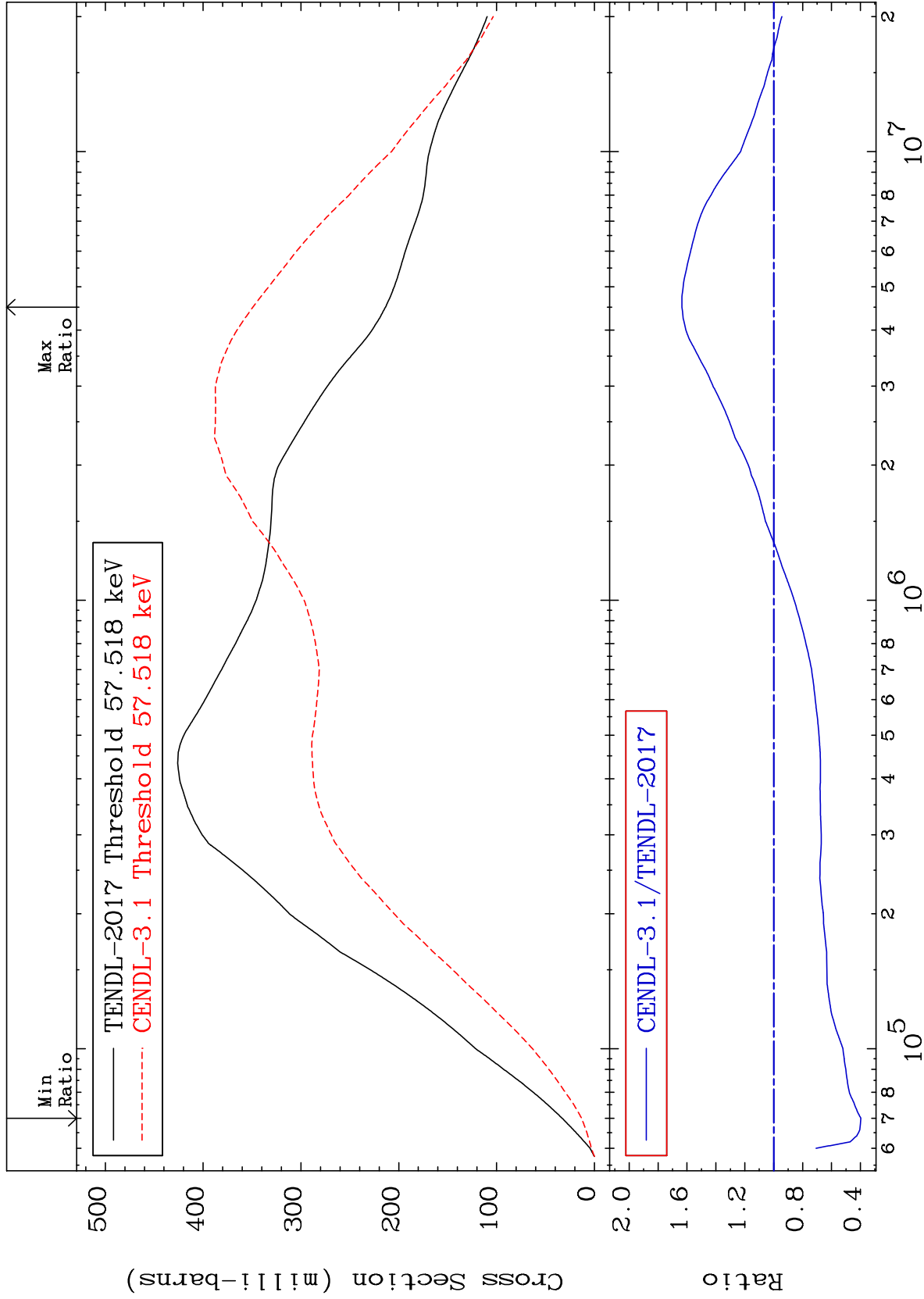
MAT 9437

7.861 keV (n,n') Level
Cross Section

94-Pu-239
-79.37 To 65.69 %



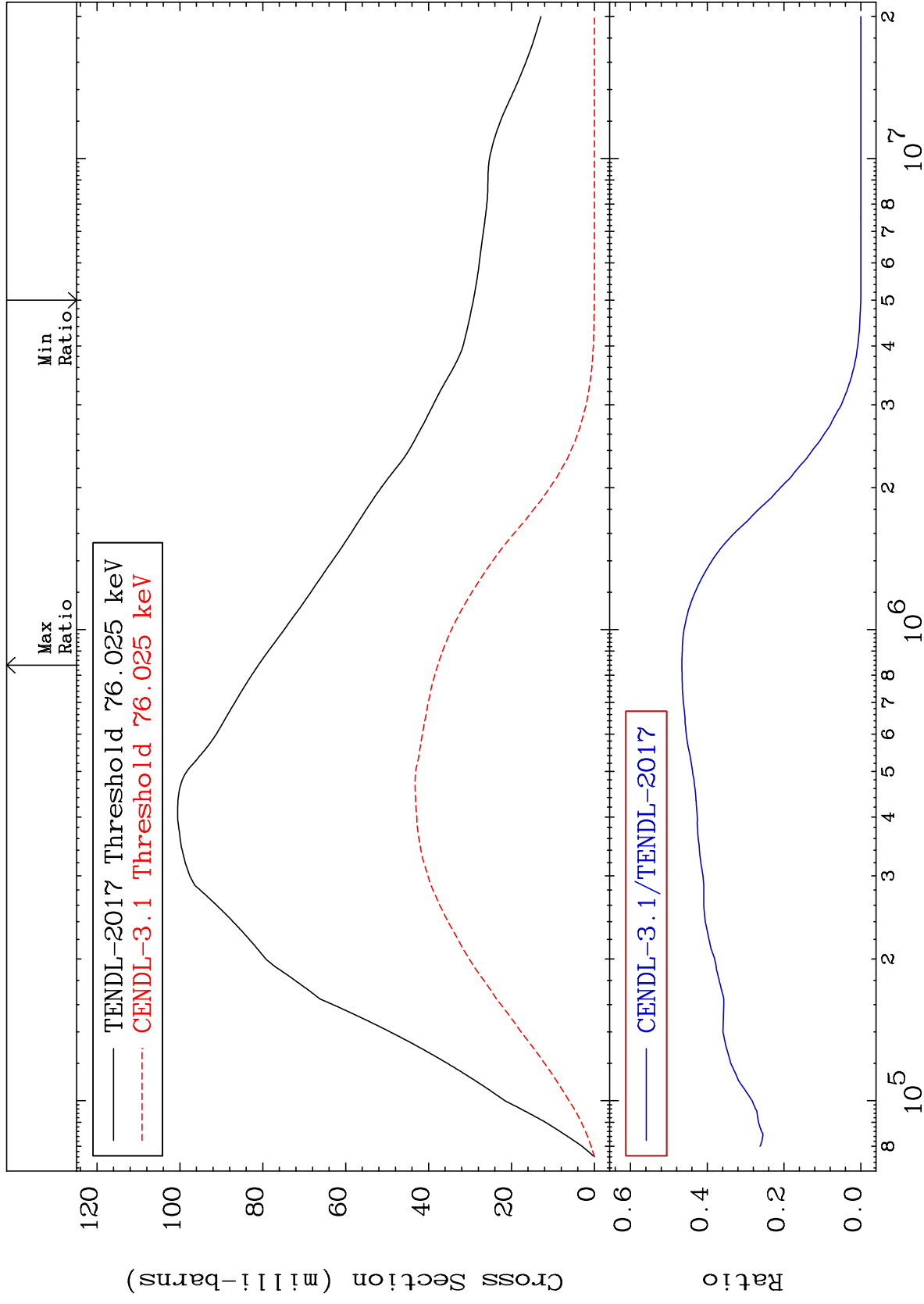
MAT 9437 57.28 keV (n,n') Level Cross Section -60.29 To 63.50 % 94-Pu-239



MAT 9437

75.71 keV (n,n') Level
Cross Section

94-Pu-239
-100.0 To -53.40%

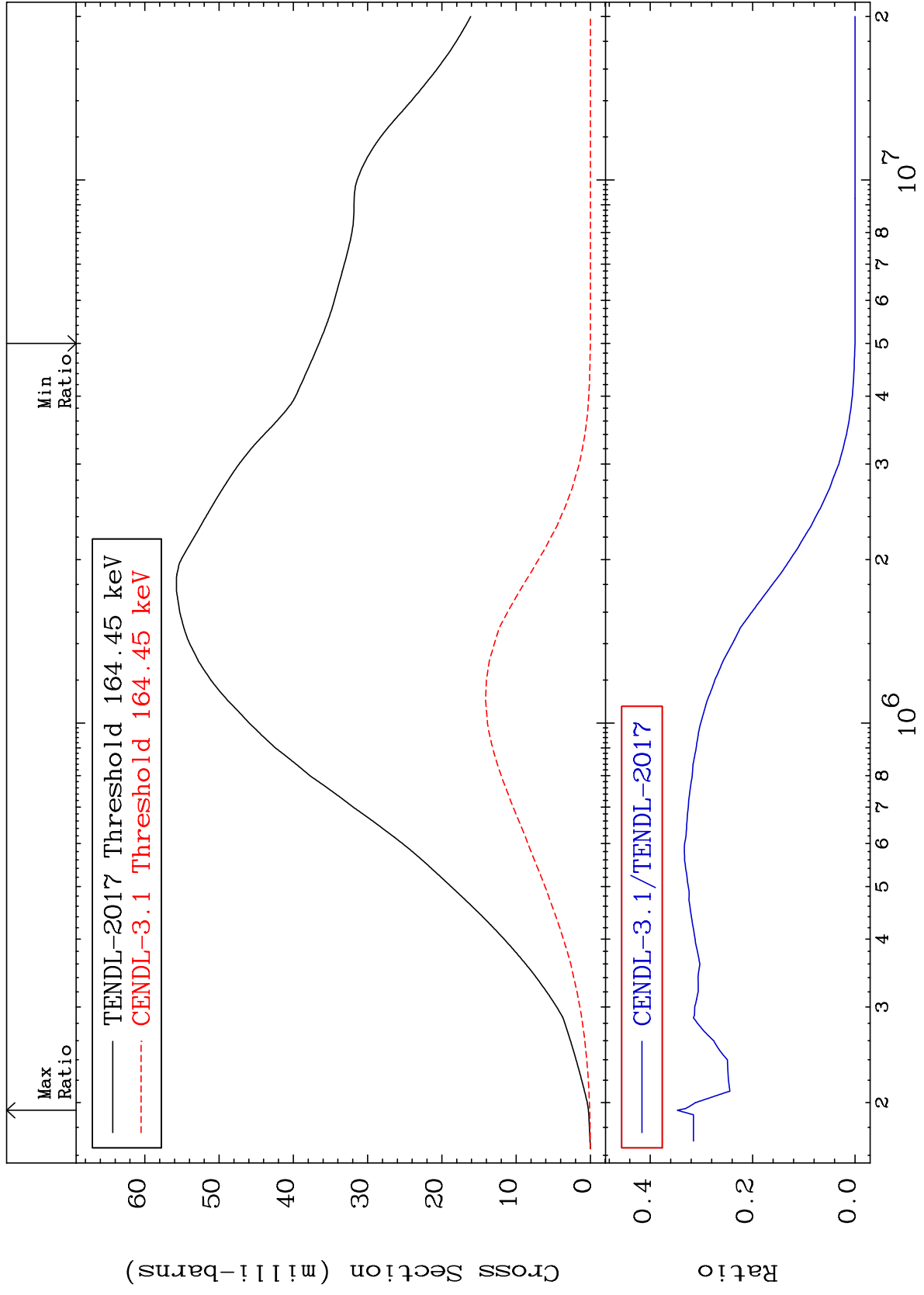


10

Incident Energy (eV)

94-Pu-239

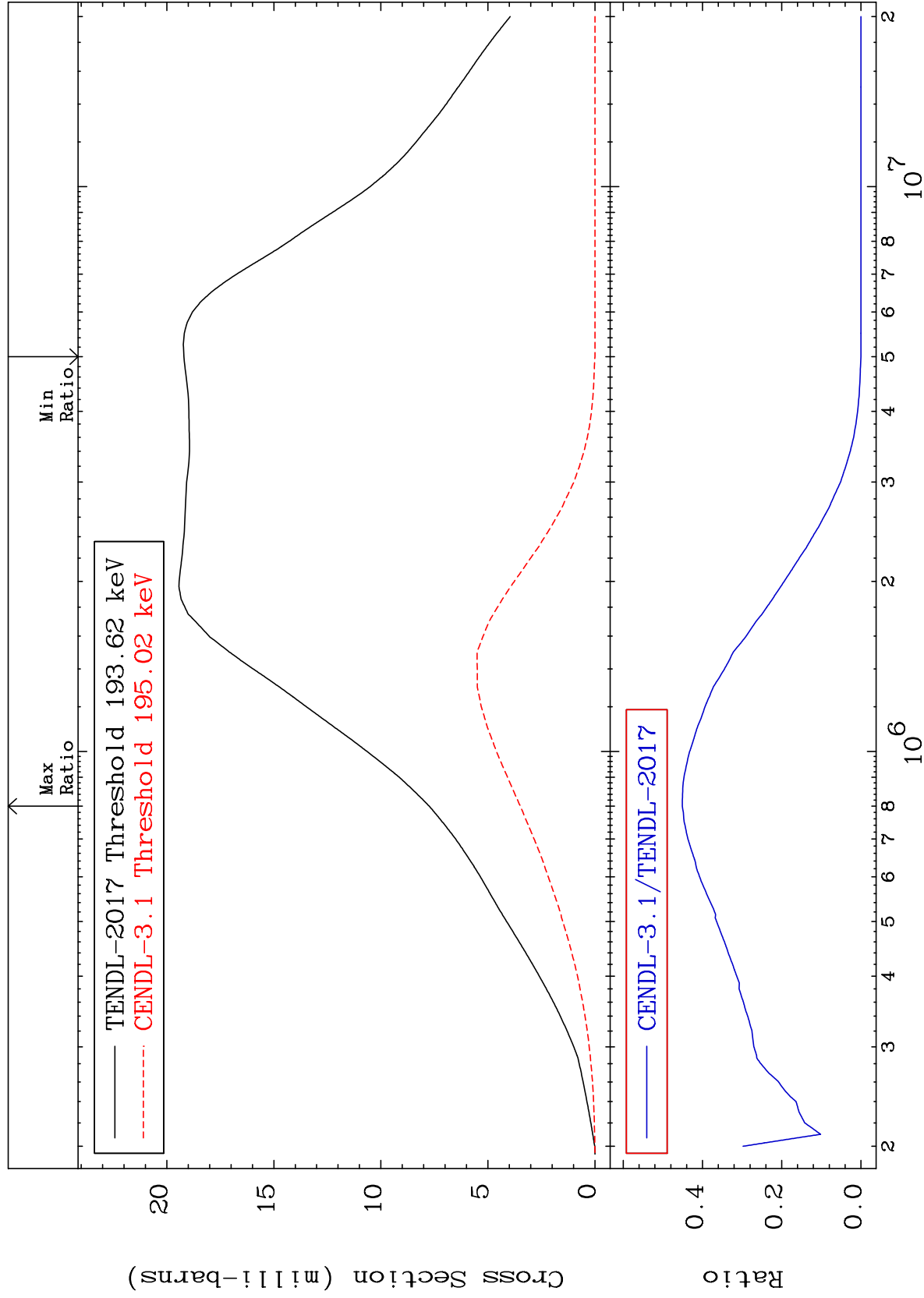
MAT 9437 163.8 keV (n,n') Level Cross Section 94-Pu-239 -100.0 To -65.30%



MAT 9437

192.8 keV (n,n') Level
Cross Section

94-Pu-239
-100.0 To -54.92%



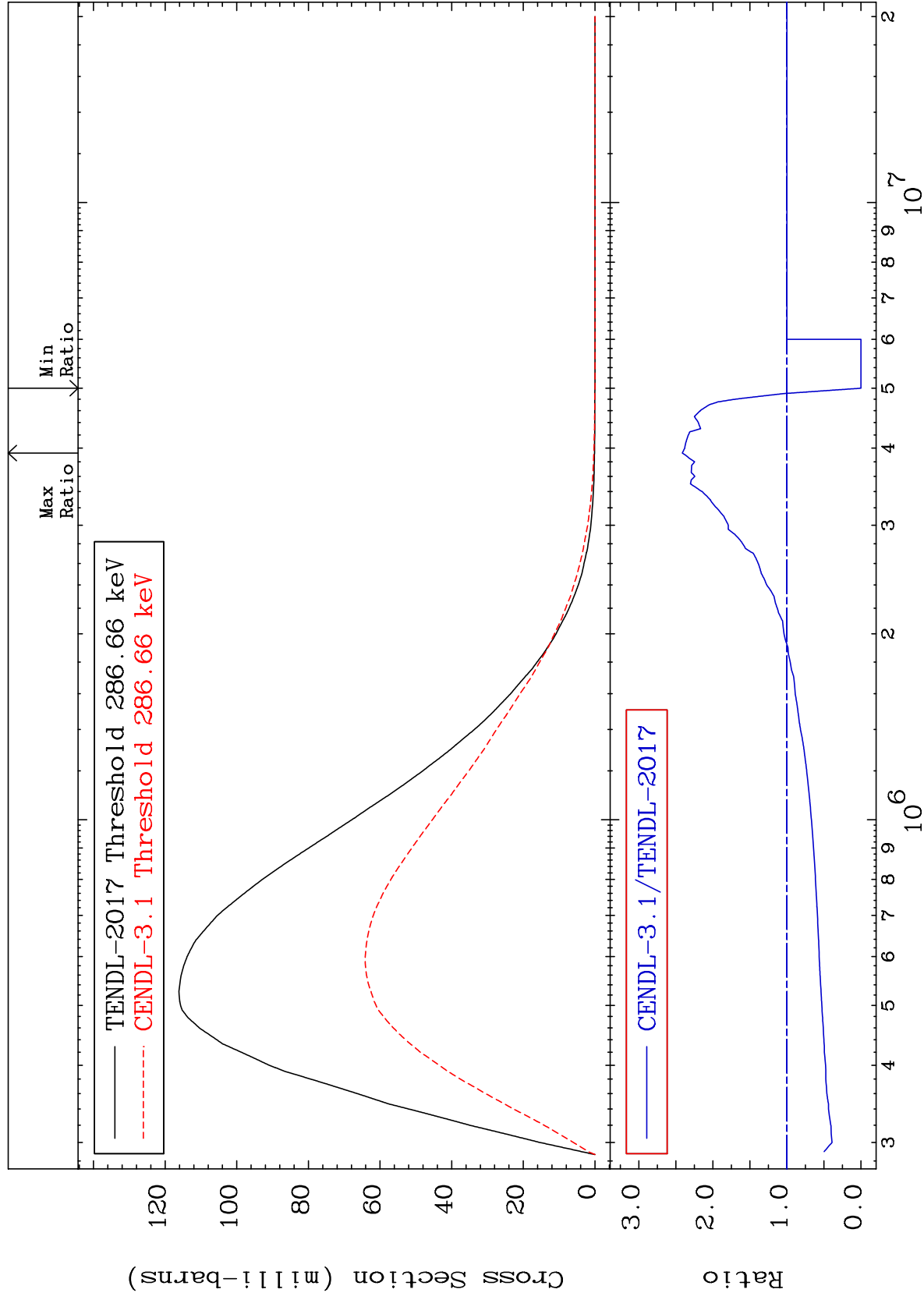
12

94-Pu-239

MAT 9437

285.5 keV (n,n') Level
Cross Section

94-Pu-239
-100.0 To 141.1 %

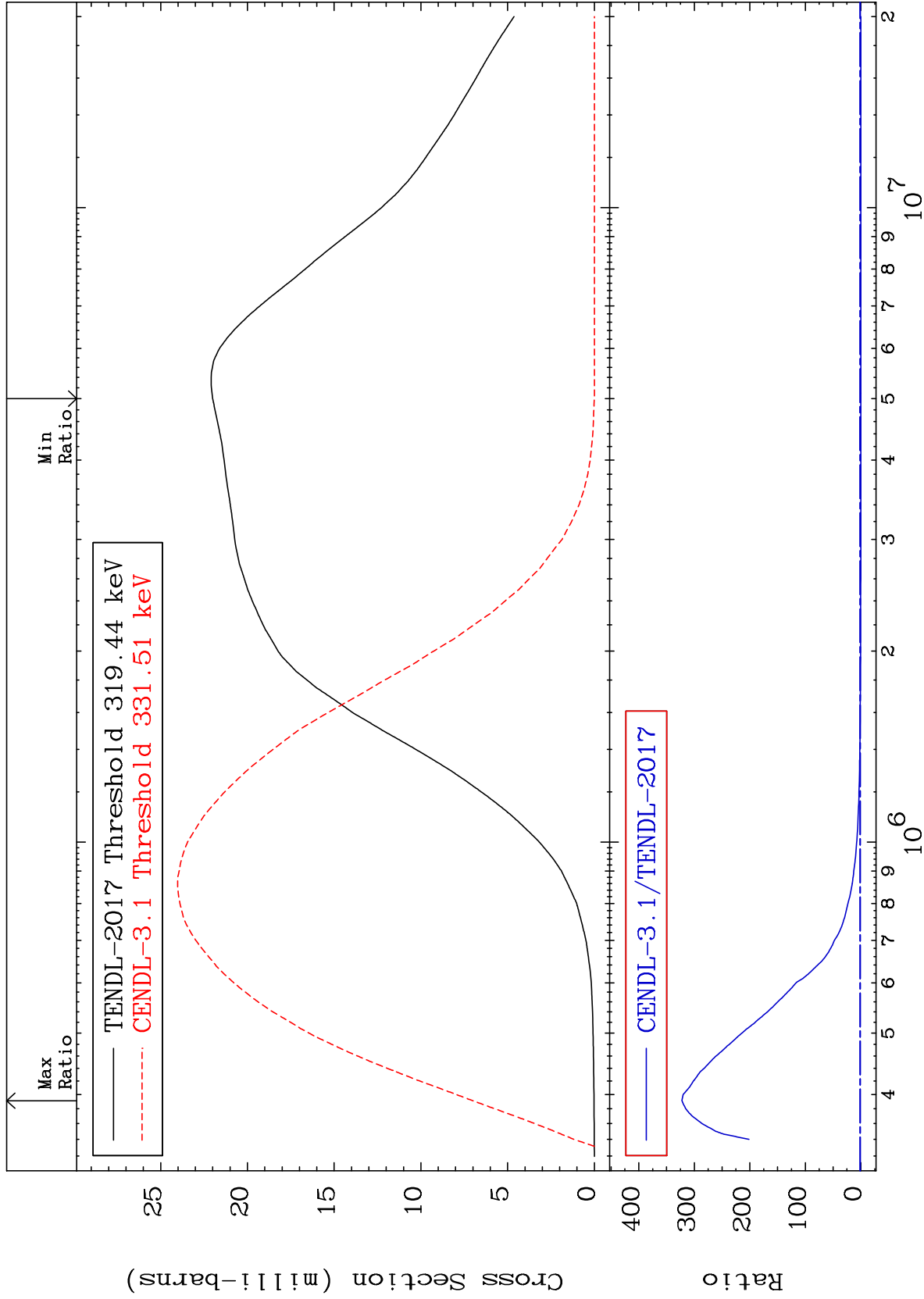


13

Incident Energy (eV)

94-Pu-239

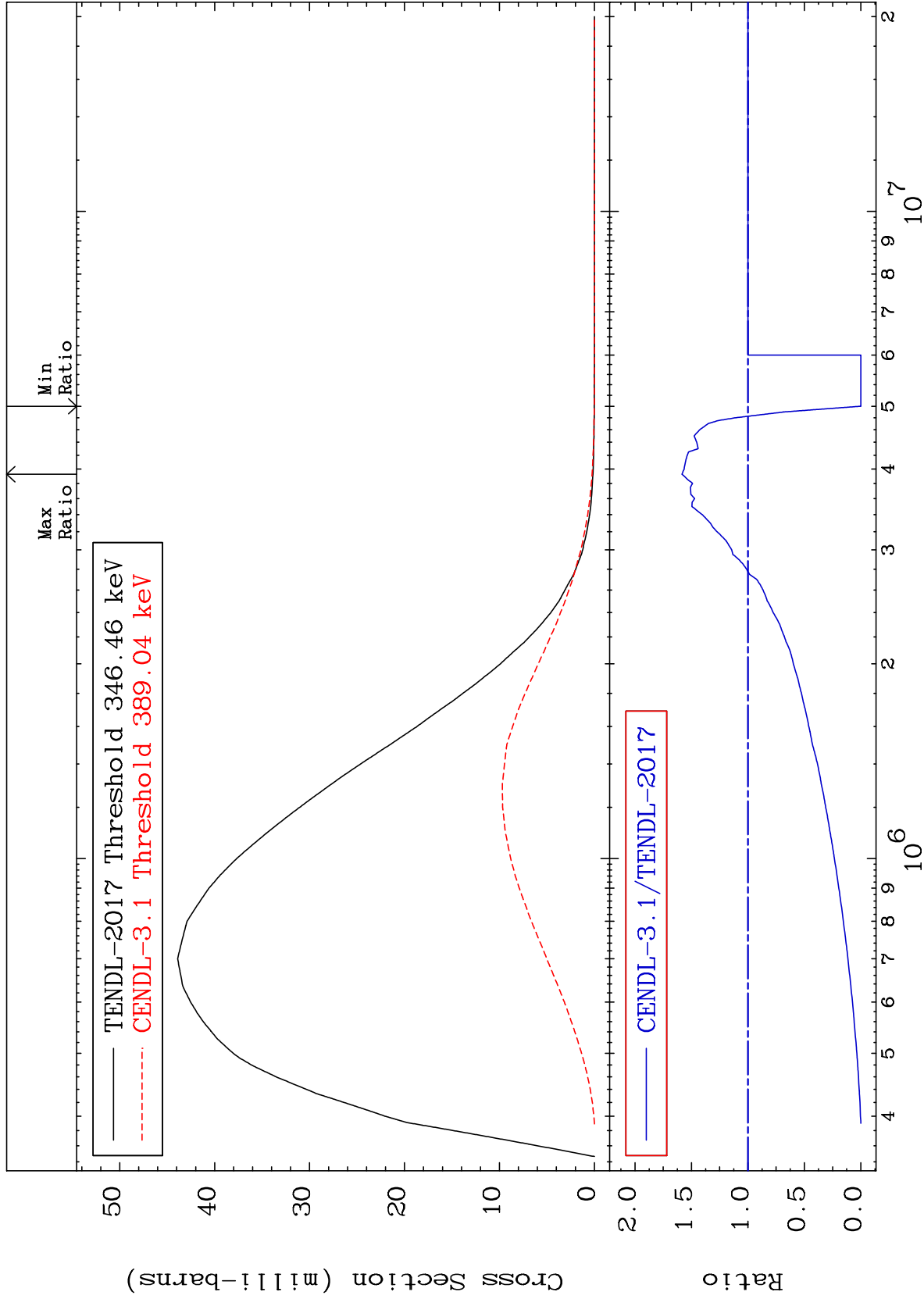
MAT 9437 318.1 keV (n,n') Level Cross Section 94-Pu-239 -100.0 To 9999. %



MAT 9437

345.0 keV (n,n') Level
Cross Section

94-Pu-239
-100.0 To 58.44 %



15

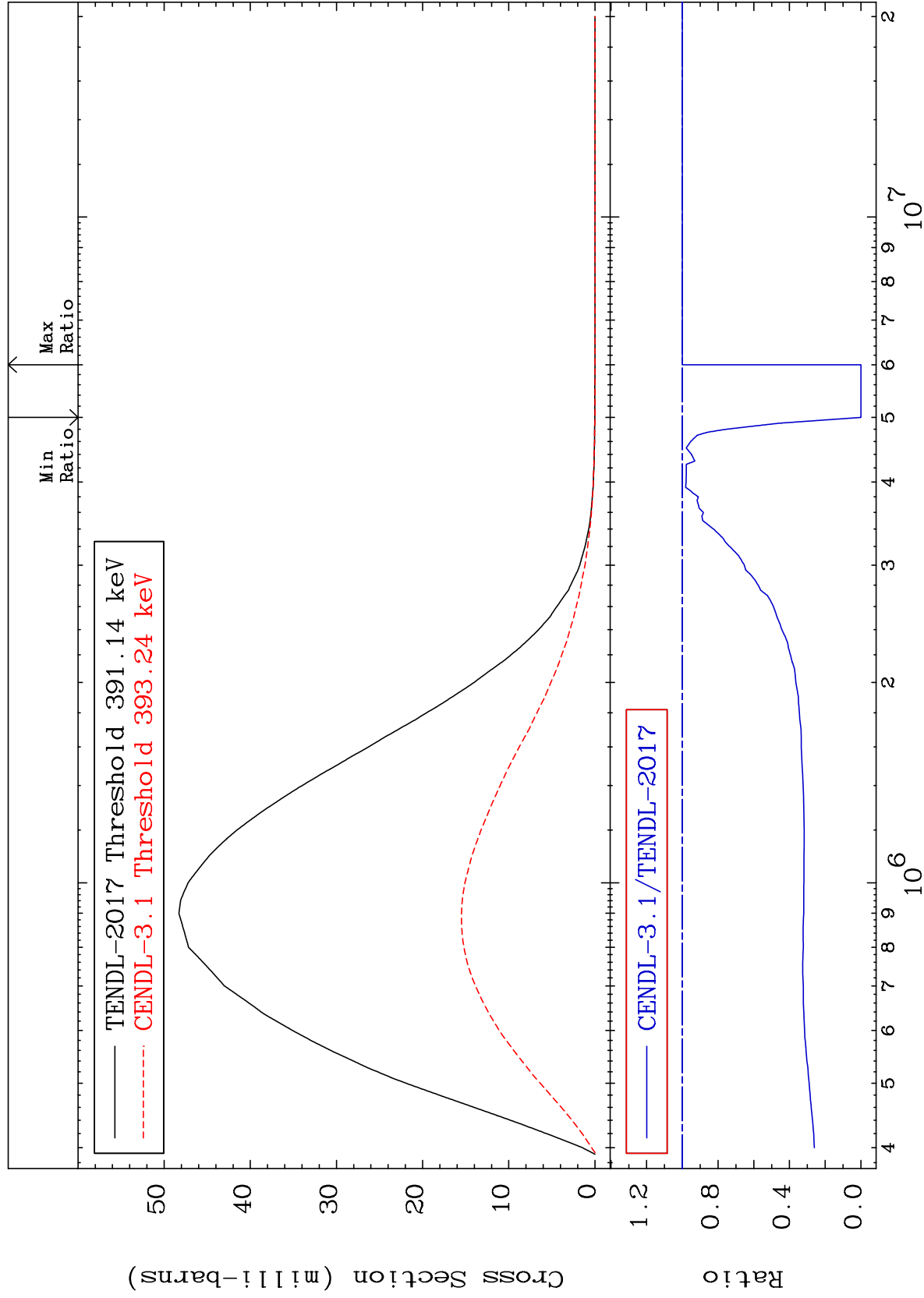
Incident Energy (eV)

94-Pu-239

MAT 9437

389.5 keV (n,n') Level
Cross Section

94-Pu-239
-100.0 To 0.000 %



16

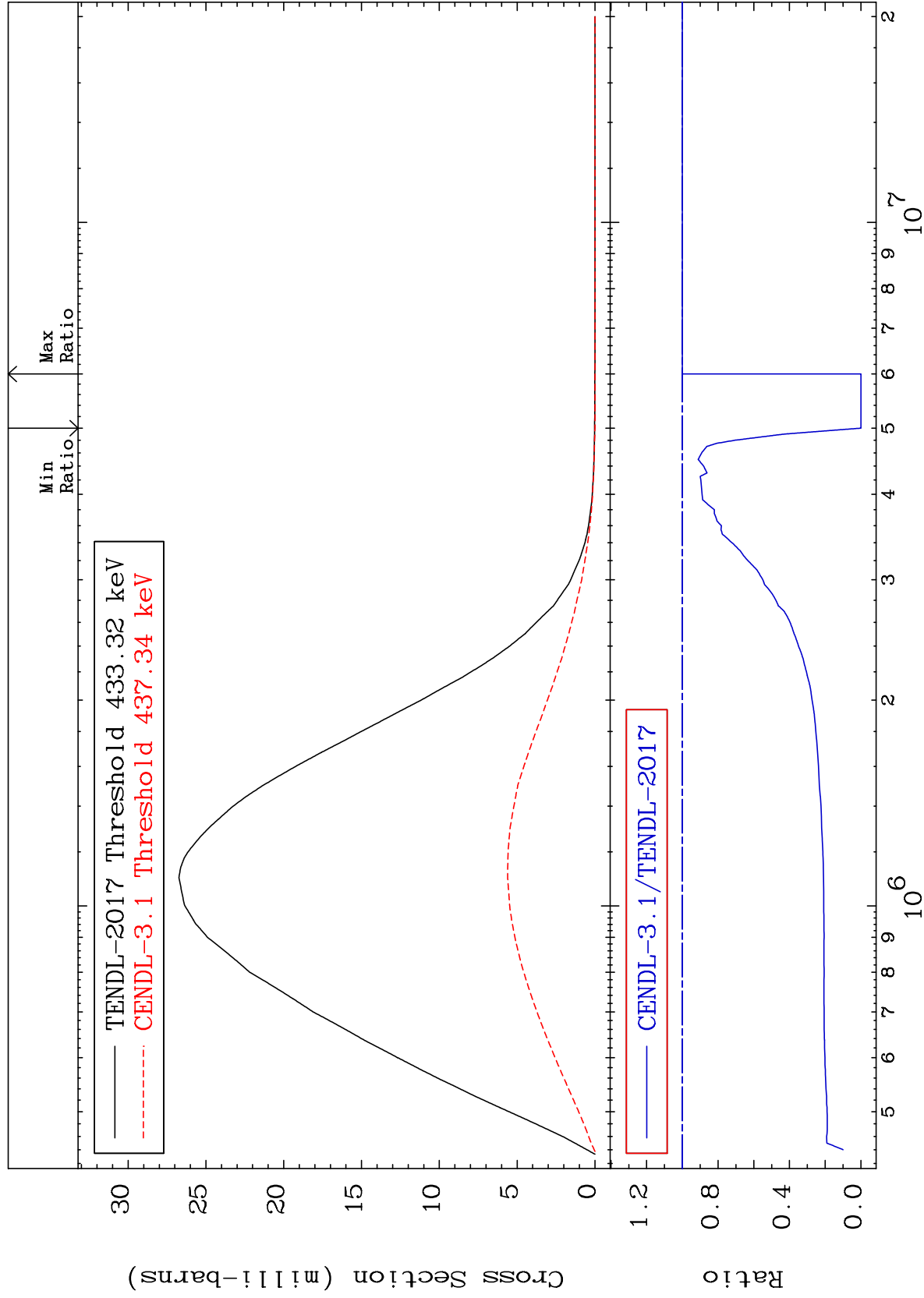
Incident Energy (eV)

94-Pu-239

MAT 9437

431.5 keV (n,n') Level
Cross Section

94-Pu-239
-100.0 To 0.000 %



17

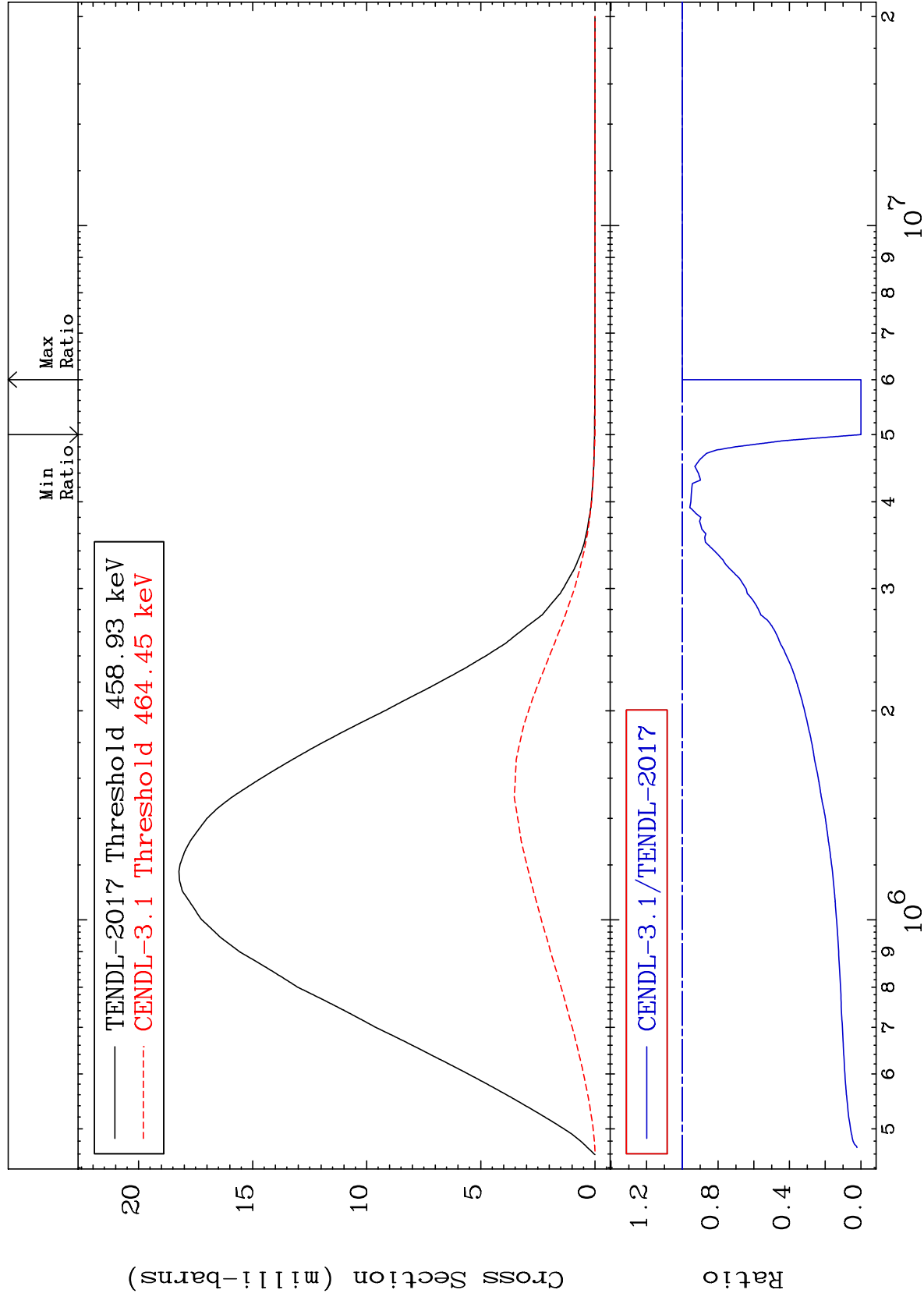
Incident Energy (eV)

94-Pu-239

MAT 9437

457.0 keV (n,n') Level
Cross Section

94-Pu-239
-100.0 To 0.000 %

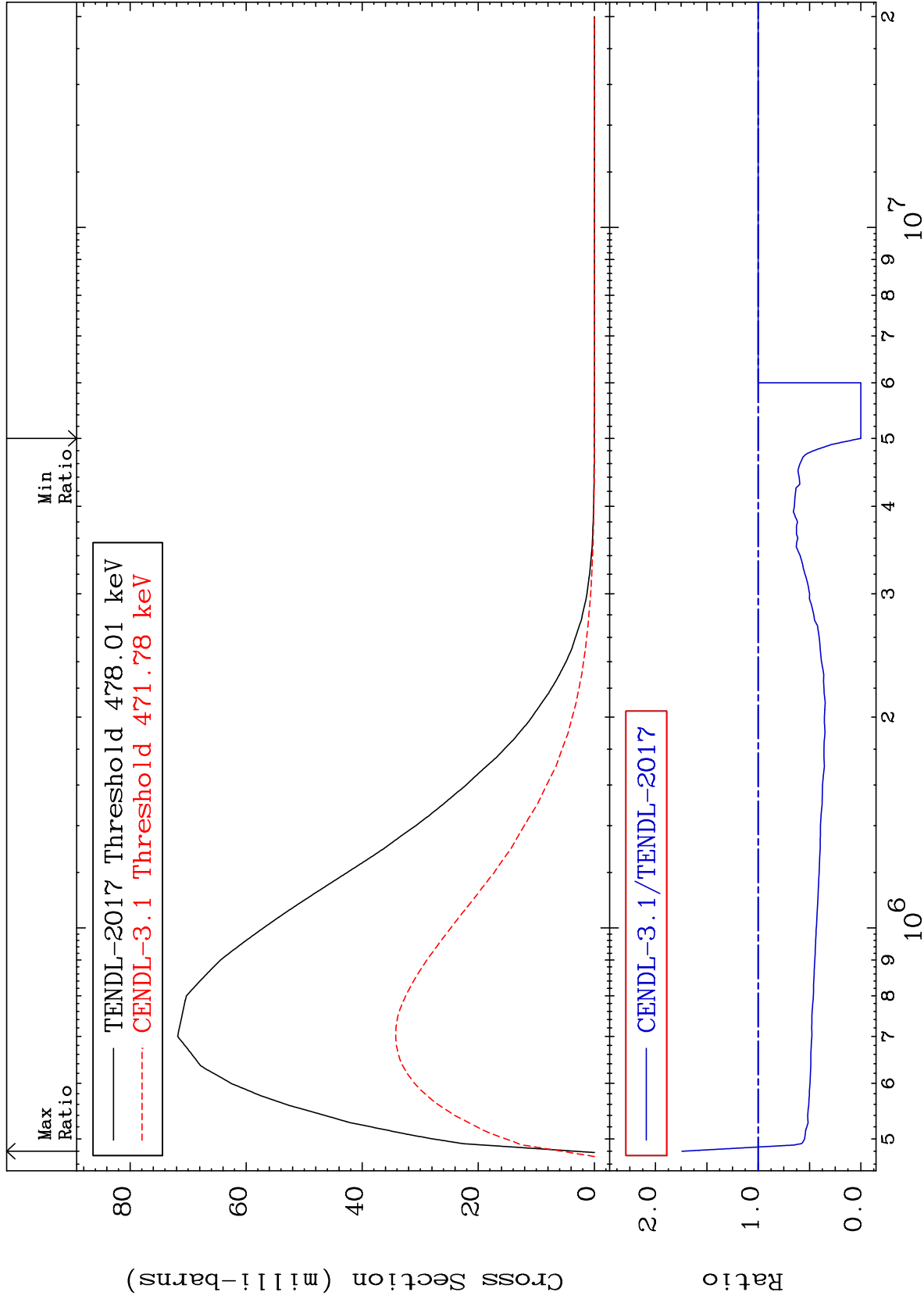


18

Incident Energy (eV)

94-Pu-239

MAT 9437 476.0 keV (n,n') Level -100.0 To 74.22 % 94-Pu-239

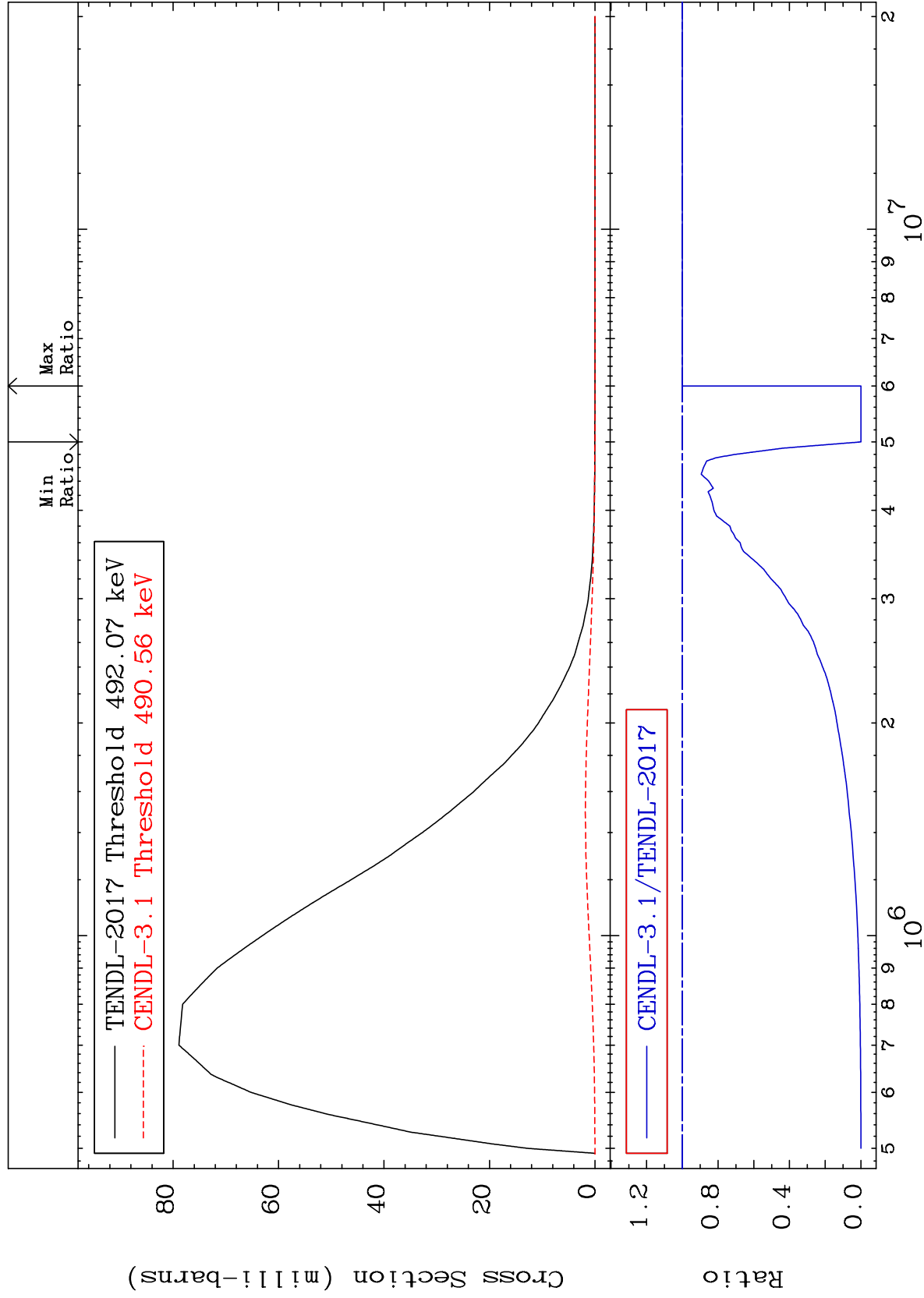


19 94-Pu-239

MAT 9437

490.0 keV (n,n') Level
Cross Section

94-Pu-239
-100.0 To 0.000 %

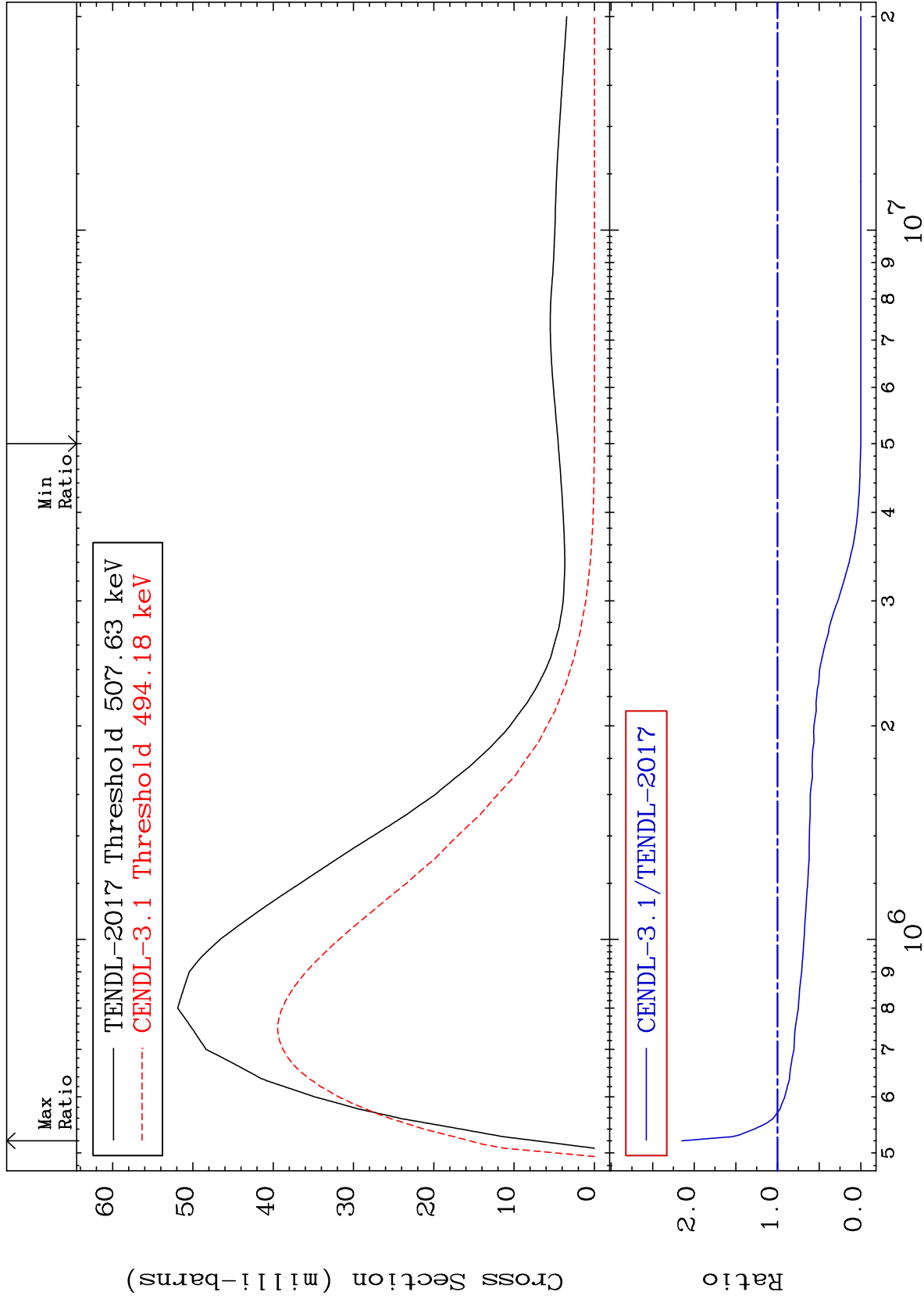


20

Incident Energy (eV)

94-Pu-239

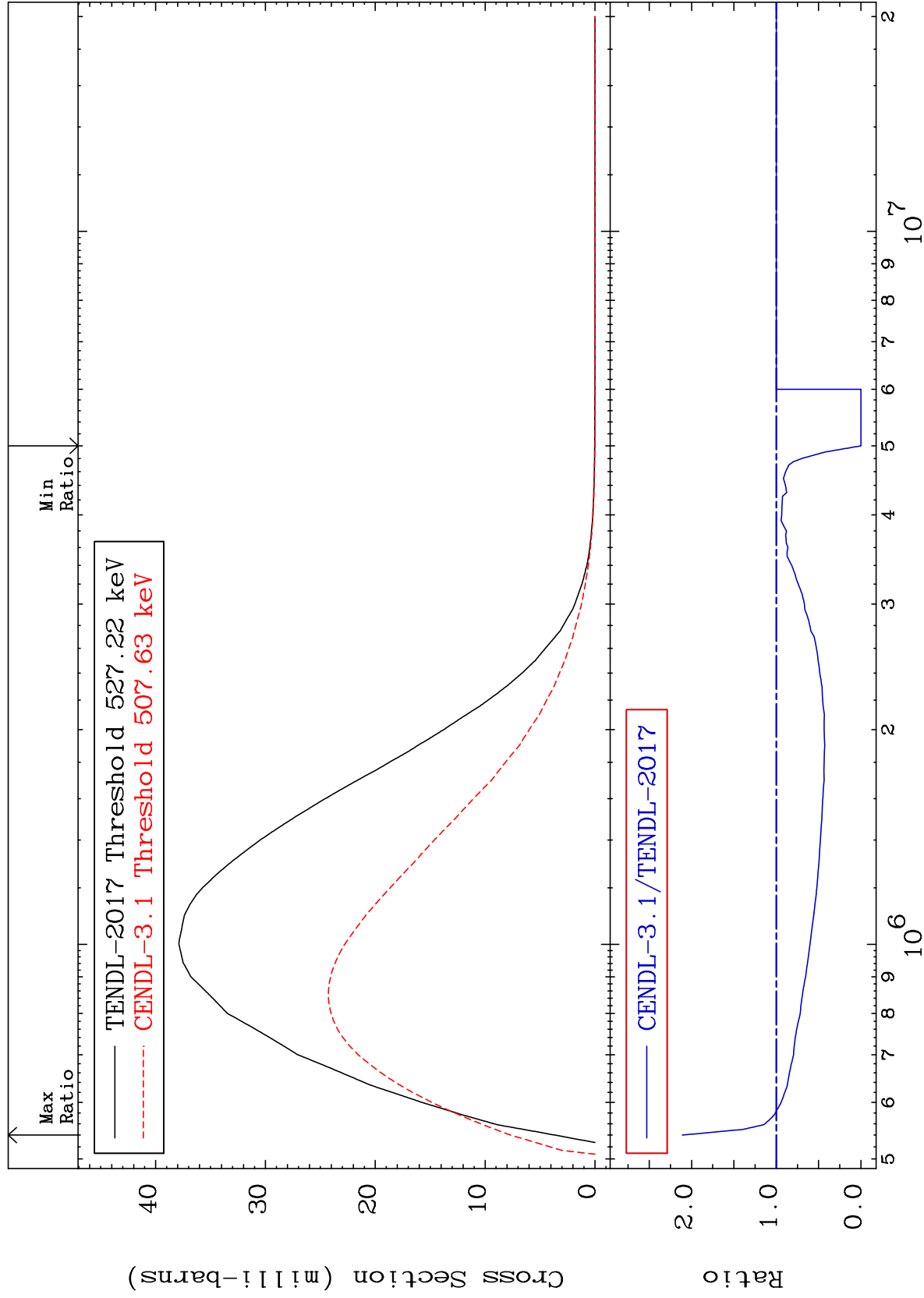
MAT 9437 505.5 keV (n,n') Level -100.0 To 114.8 % 94-Pu-239



MAT 9437

525.0 keV (n,n') Level
Cross Section

94-Pu-239
-100.0 To 110.9 %

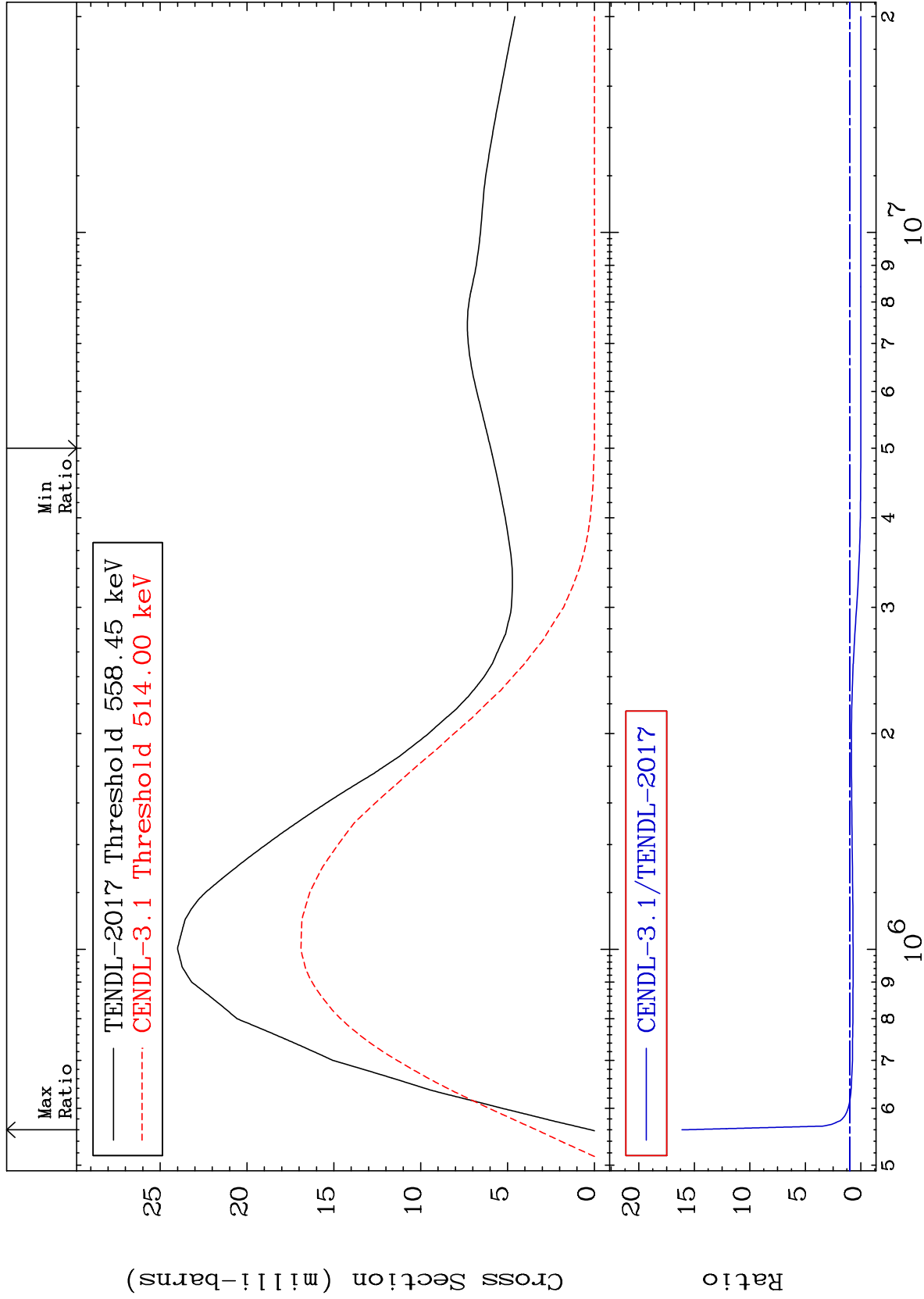


22

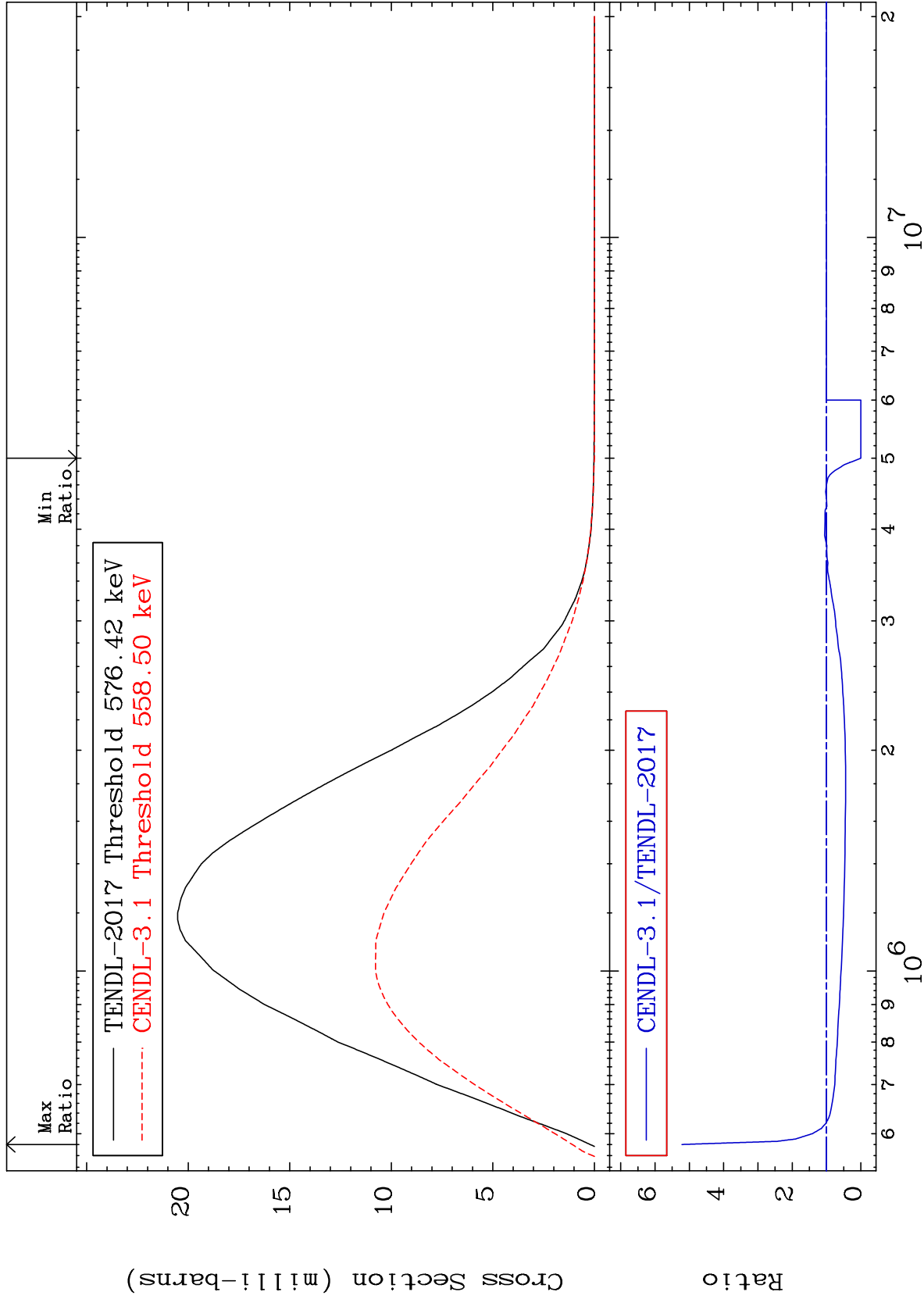
Incident Energy (eV)

94-Pu-239

MAT 9437 556.1 keV (n,n') Level Cross Section 94-Pu-239 -100.0 To 1512. %



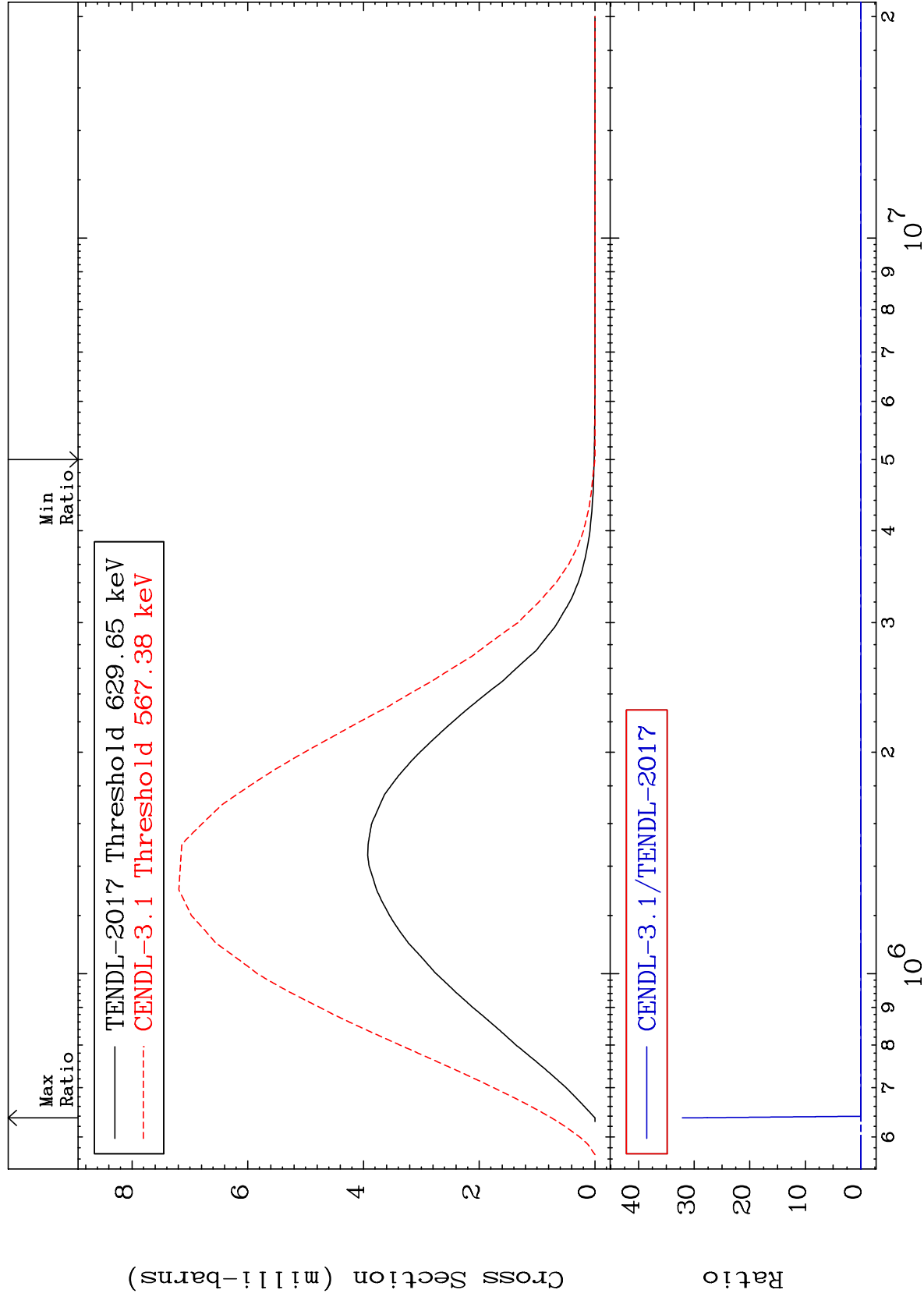
MAT 9437 574.0 keV (n,n') Level -100.0 To 421.5 % 94-Pu-239
 Cross Section



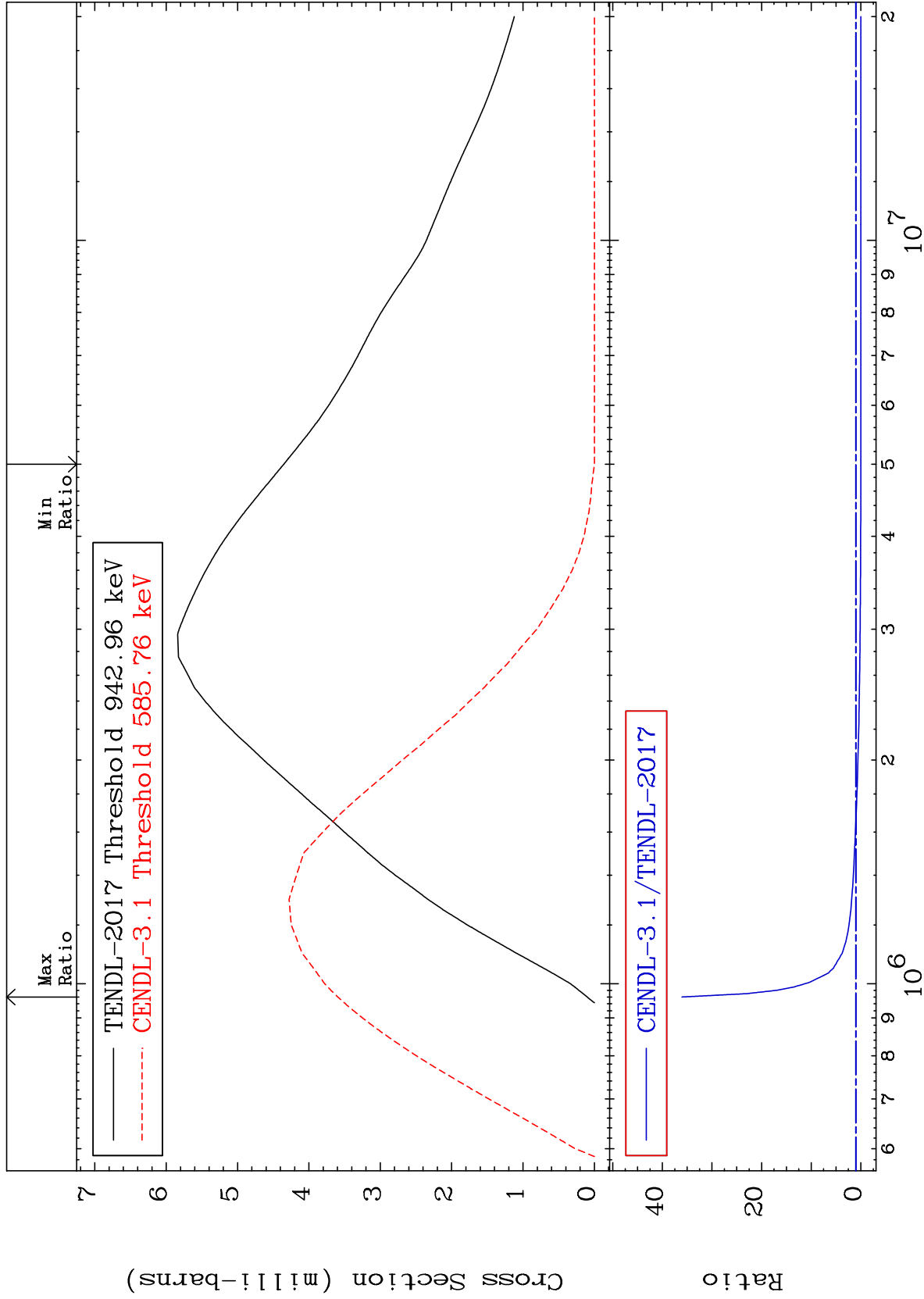
MAT 9437

627.0 keV (n,n') Level
Cross Section

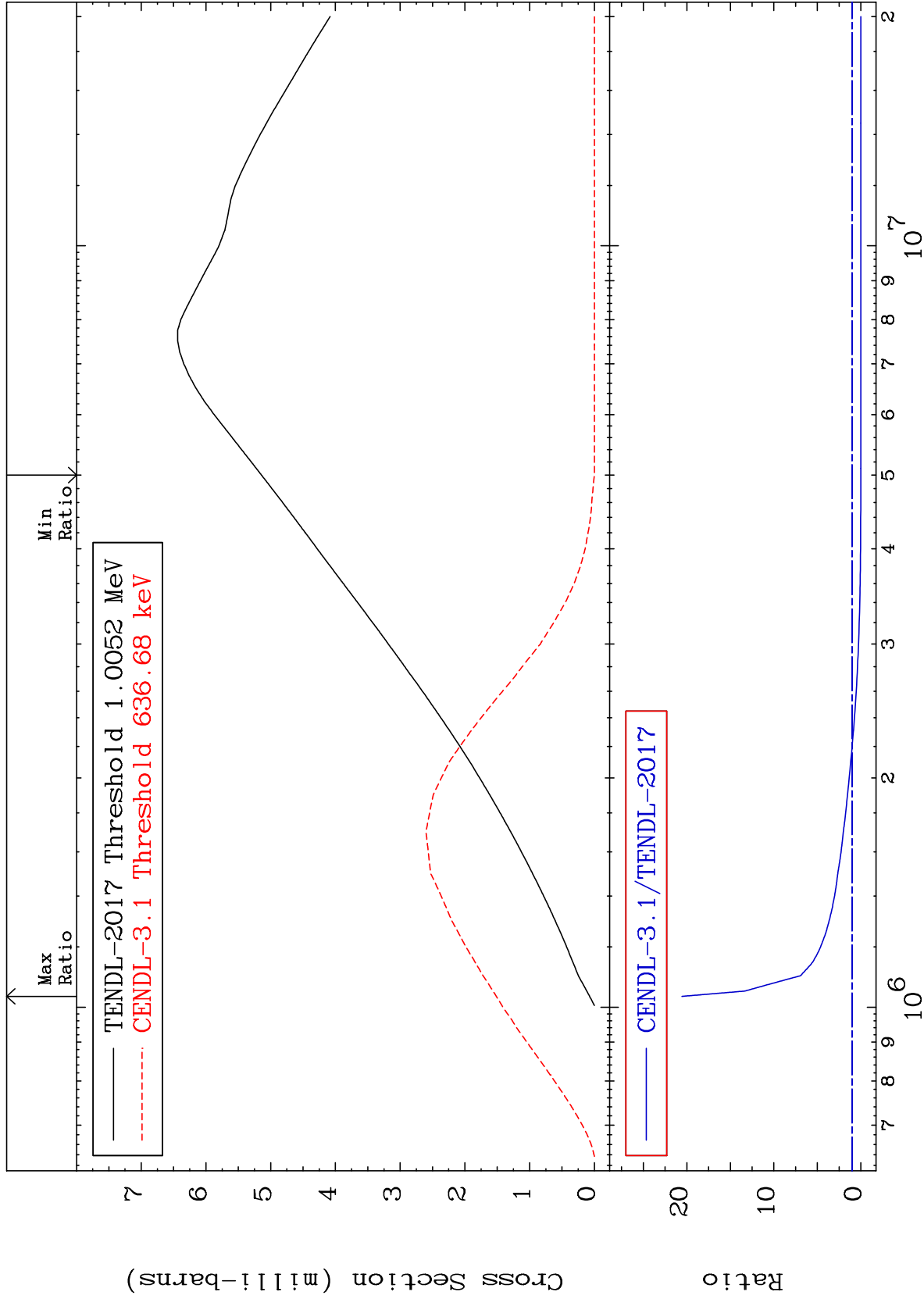
94-Pu-239
-100.0 To 9999. %



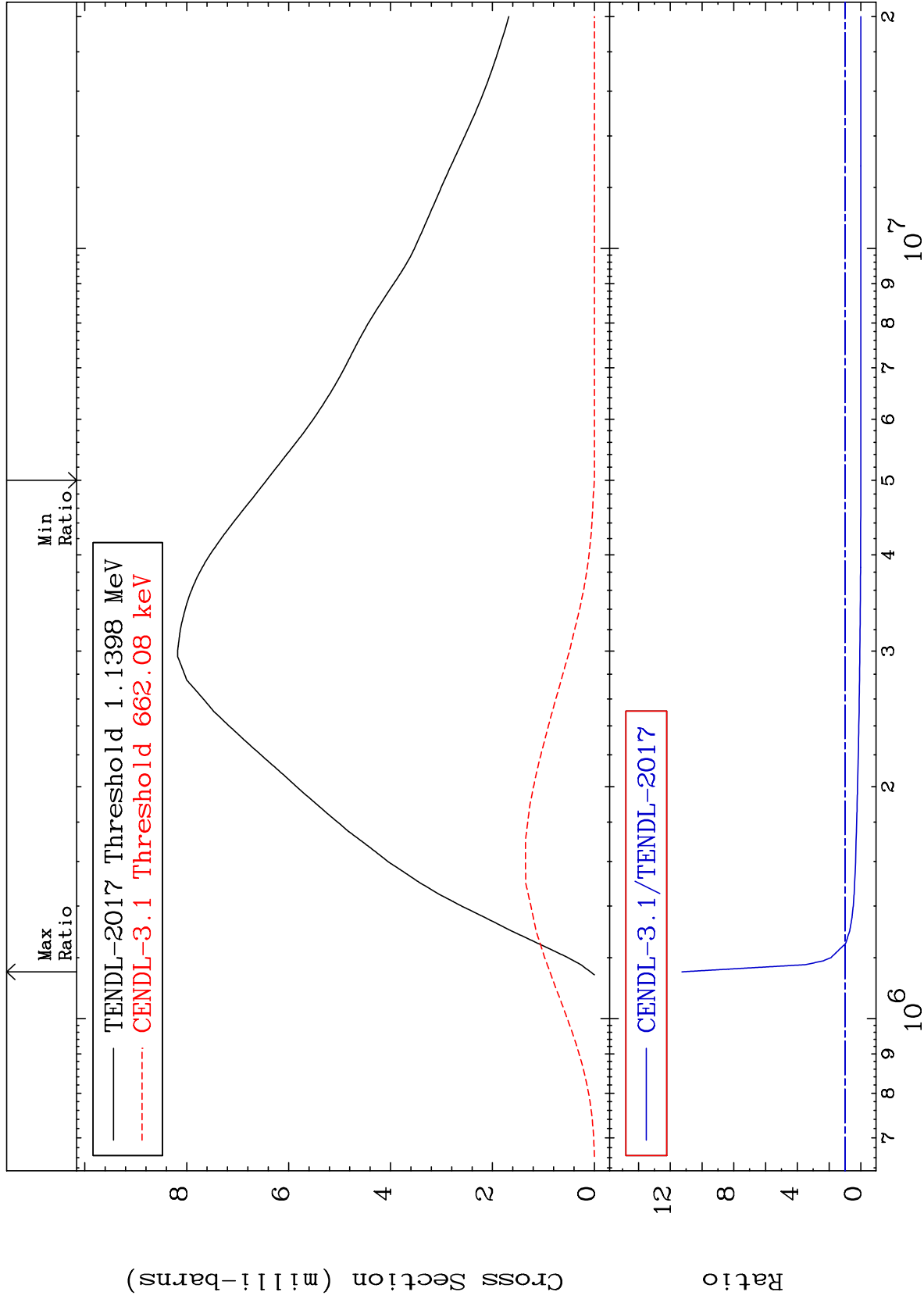
MAT 9437 939.0 keV (n,n') Level Cross Section -100.0 To 3505. % 94-Pu-239



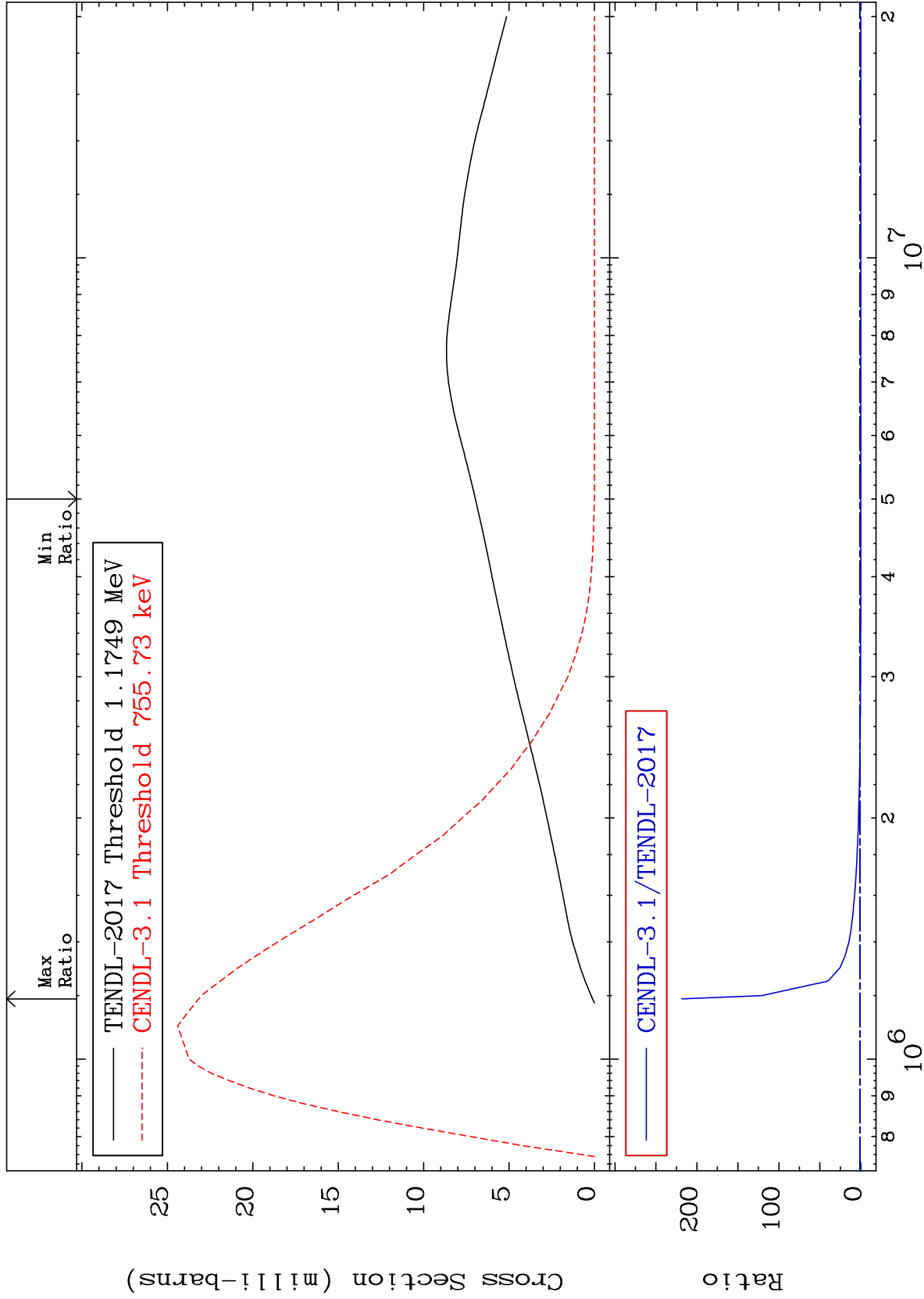
MAT 9437 1.001 MeV (n,n') Level Cross Section 94-Pu-239 -100.0 To 1956. %



MAT 9437 1.135 MeV (n,n') Level Cross Section -100.0 To 1026. % 94-Pu-239



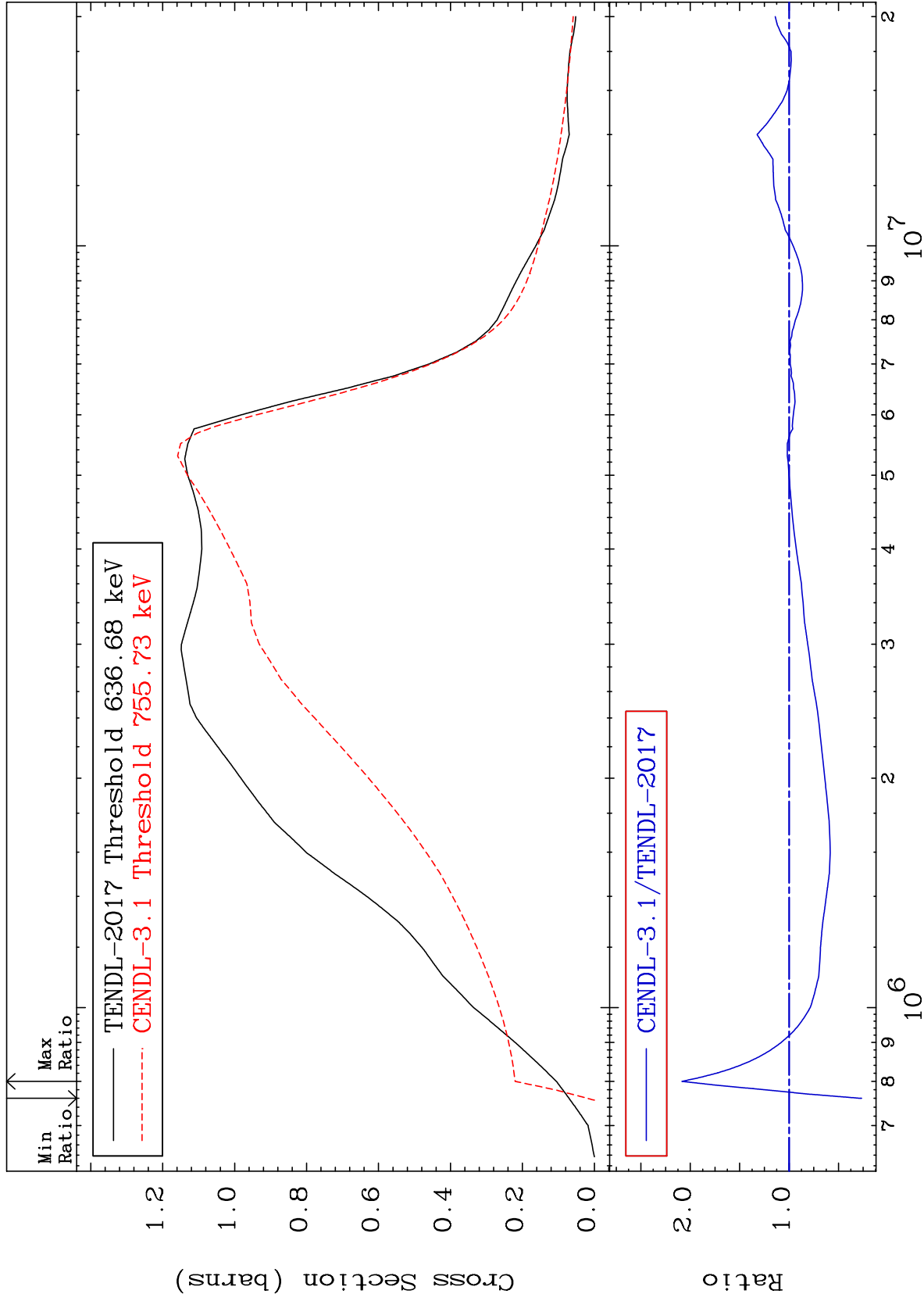
MAT 9437 1.170 MeV (n,n') Level Cross Section 94-Pu-239 -100.0 To 9999. %



MAT 9437

(n, n') Continuum
Cross Section

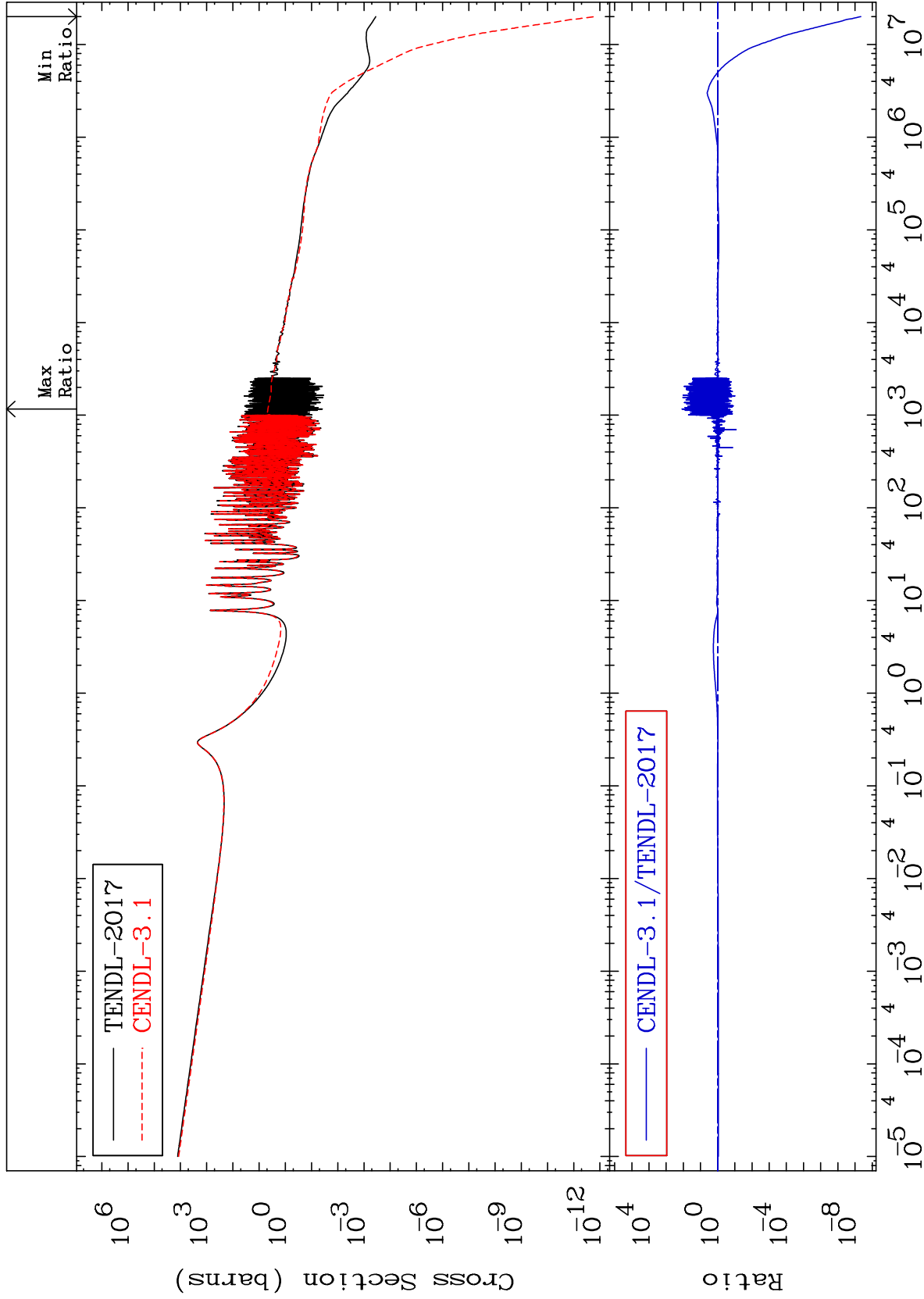
94-Pu-239
-72.61 To 108.5 %



MAT 9437

(n, γ)
Cross Section

94-Pu-239
-100.0 To 9999. %



31

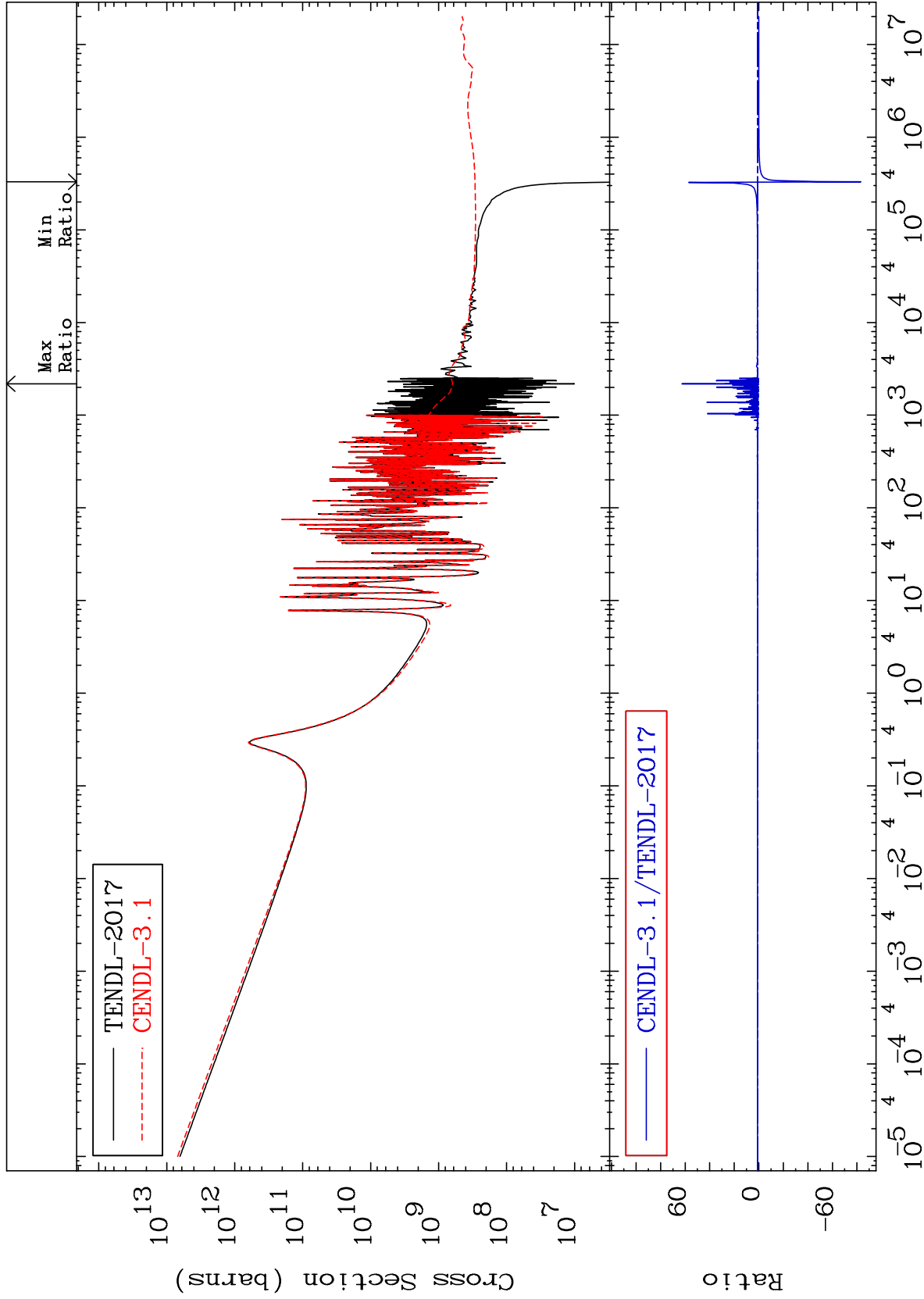
Incident Energy (eV)

94-Pu-239

MAT 9437

Kerma total (eV-barns)
Cross Section

94-Pu-239
-8416. To 6160. %



32

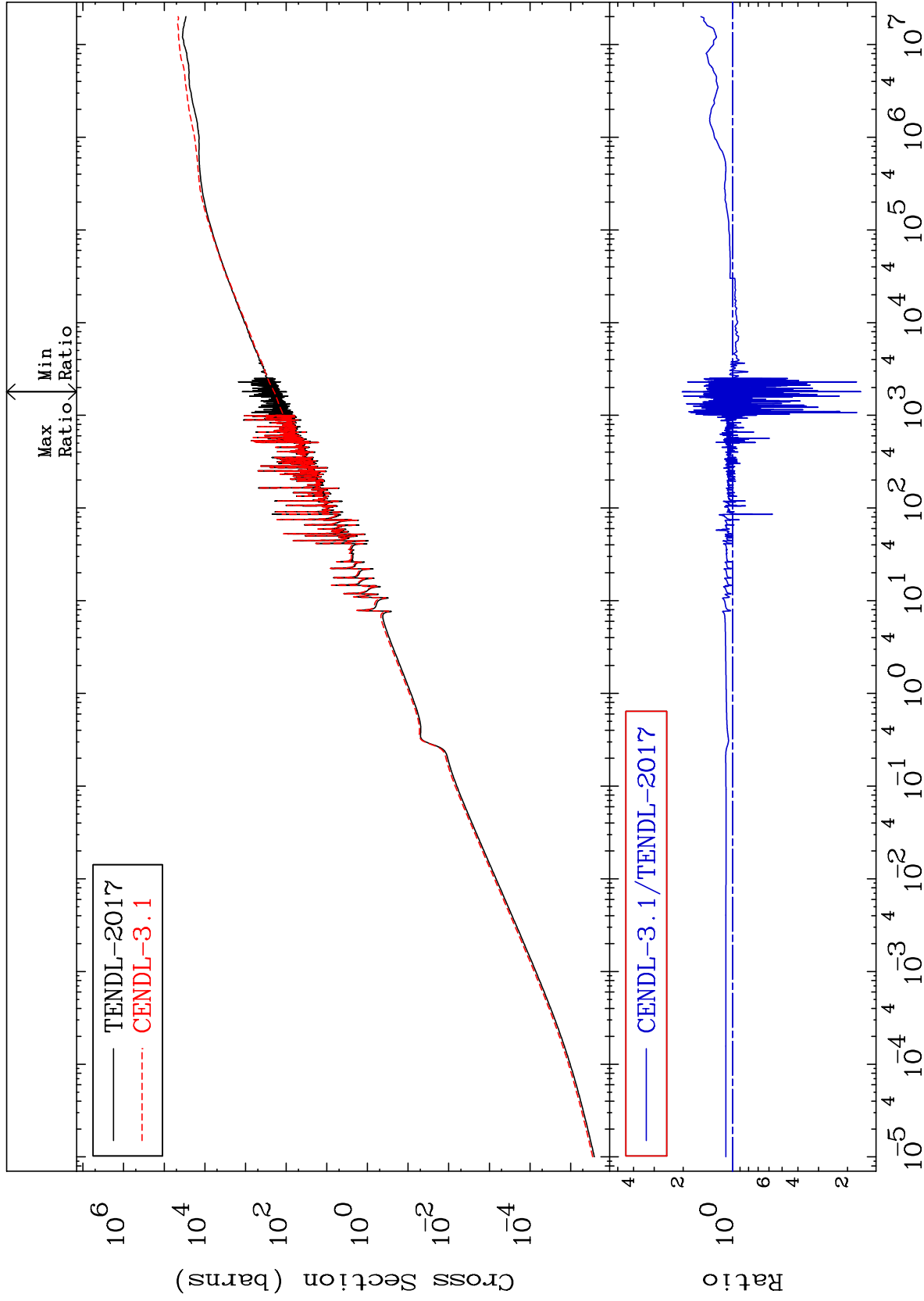
Incident Energy (eV)

94-Pu-239

MAT 9437

Kerma elastic
Cross Section

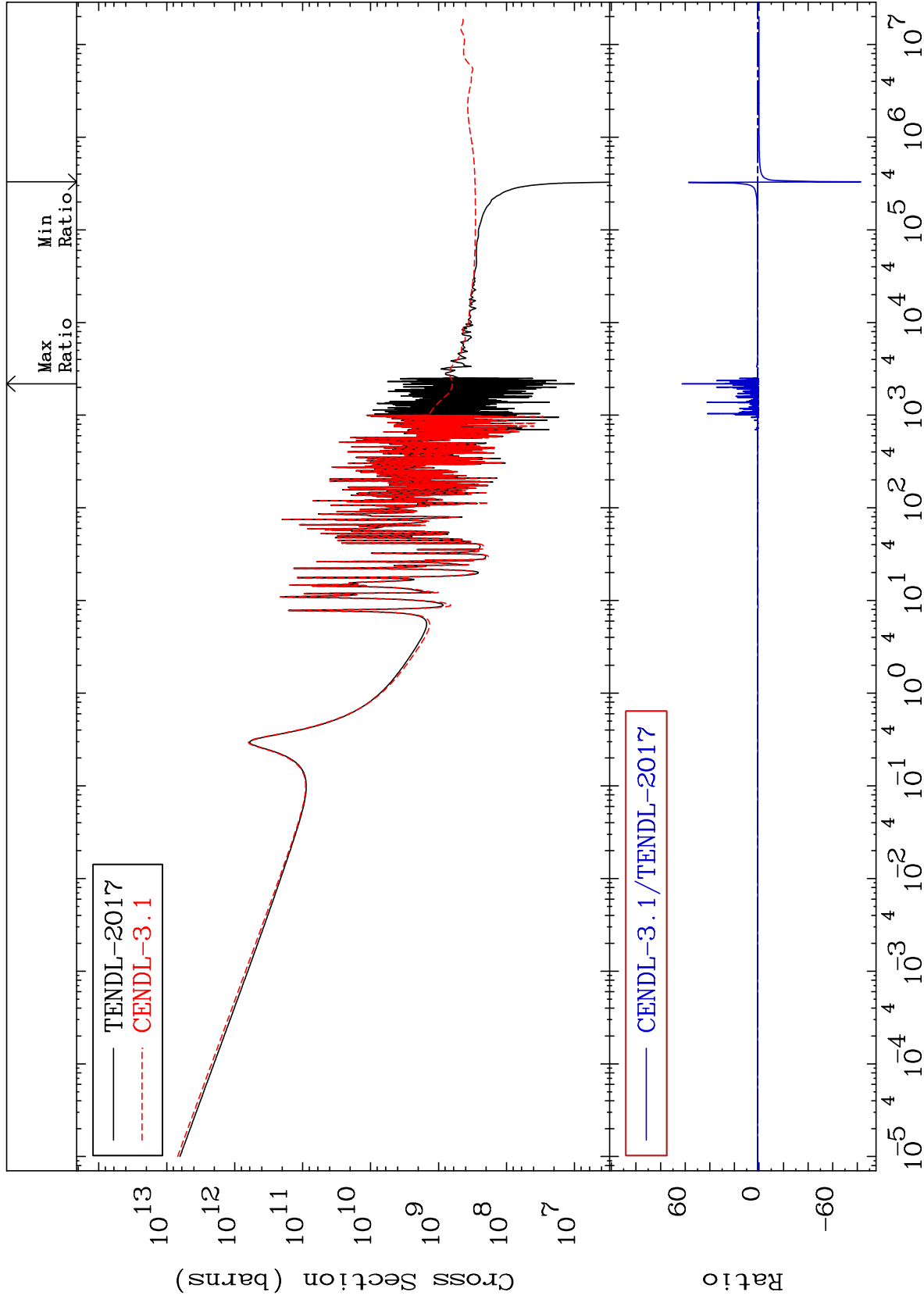
94-Pu-239
-83.42 To 103.4 %



MAT 9437

Kerma non-elastic (all but mt2)
Cross Section

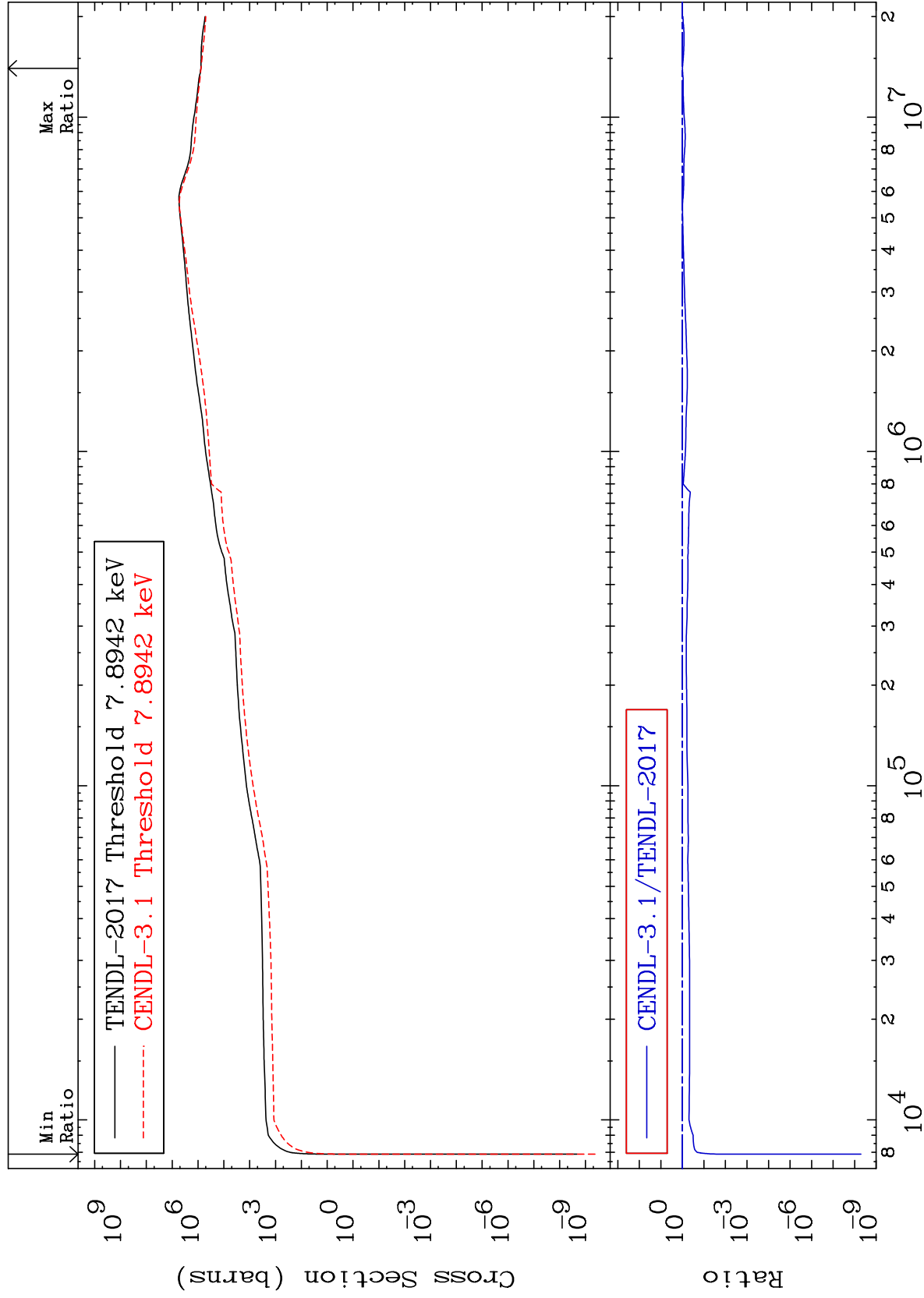
94-Pu-239
-8387. To 6160. %



MAT 9437

Kerma inelastic (mt51-91)
Cross Section

94-Pu-239
-100.0 To 0.444 %



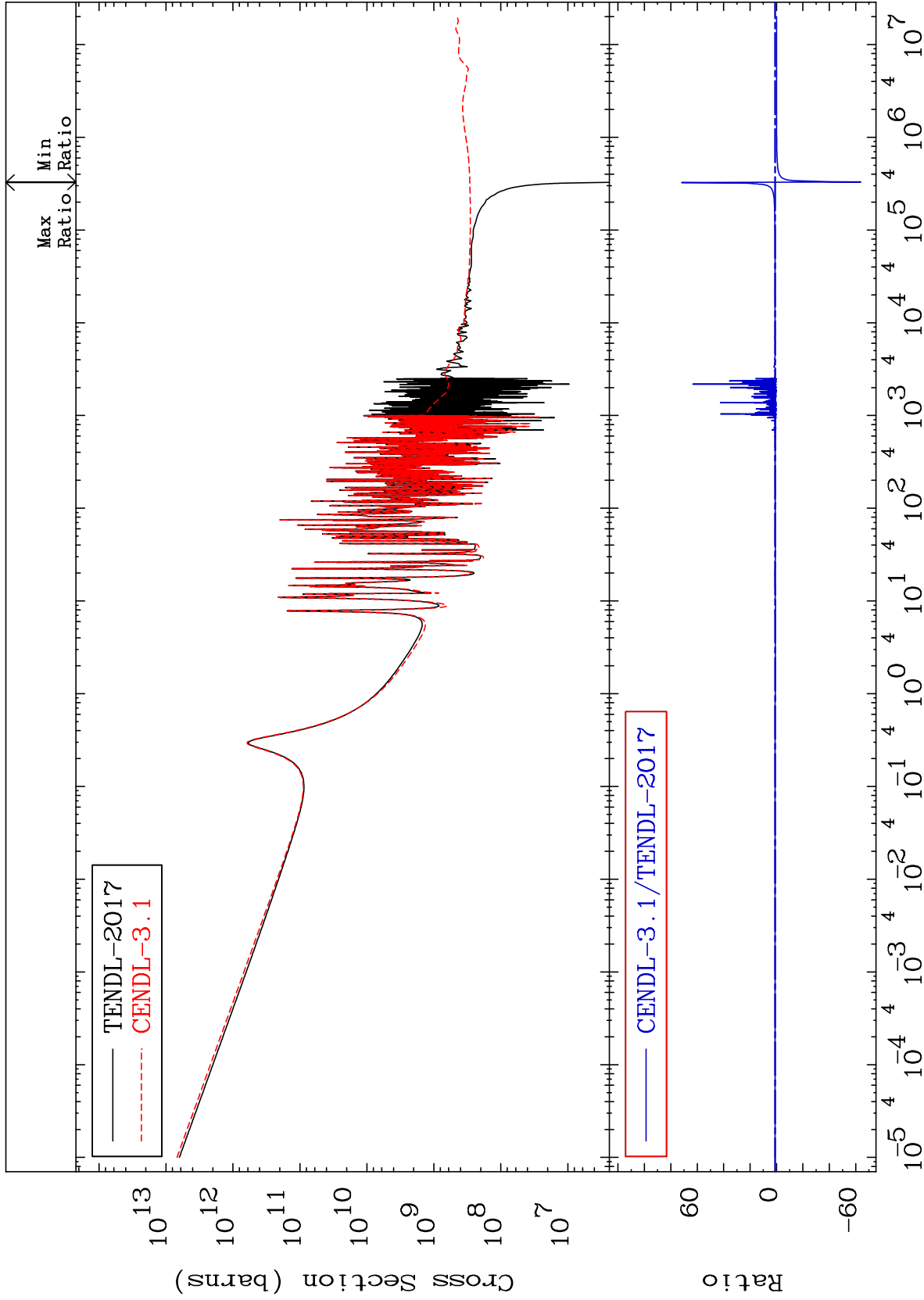
35

94-Pu-239

MAT 9437

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

94-Pu-239
-6480. To 7073. %



36

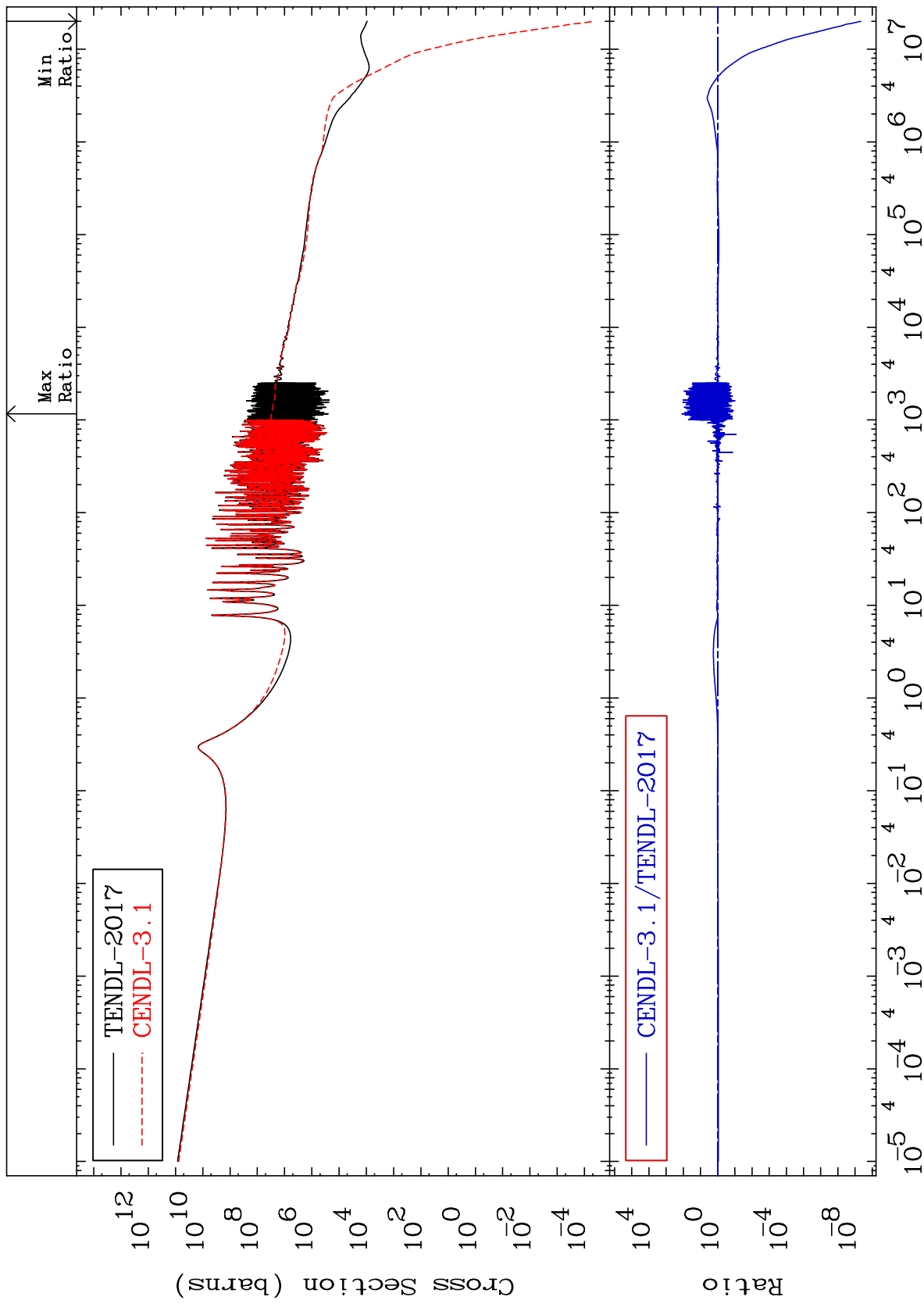
Incident Energy (eV)

94-Pu-239

MAT 9437

Kerma capture (mt102)
Cross Section

94-Pu-239
-100.0 To 9999. %



37

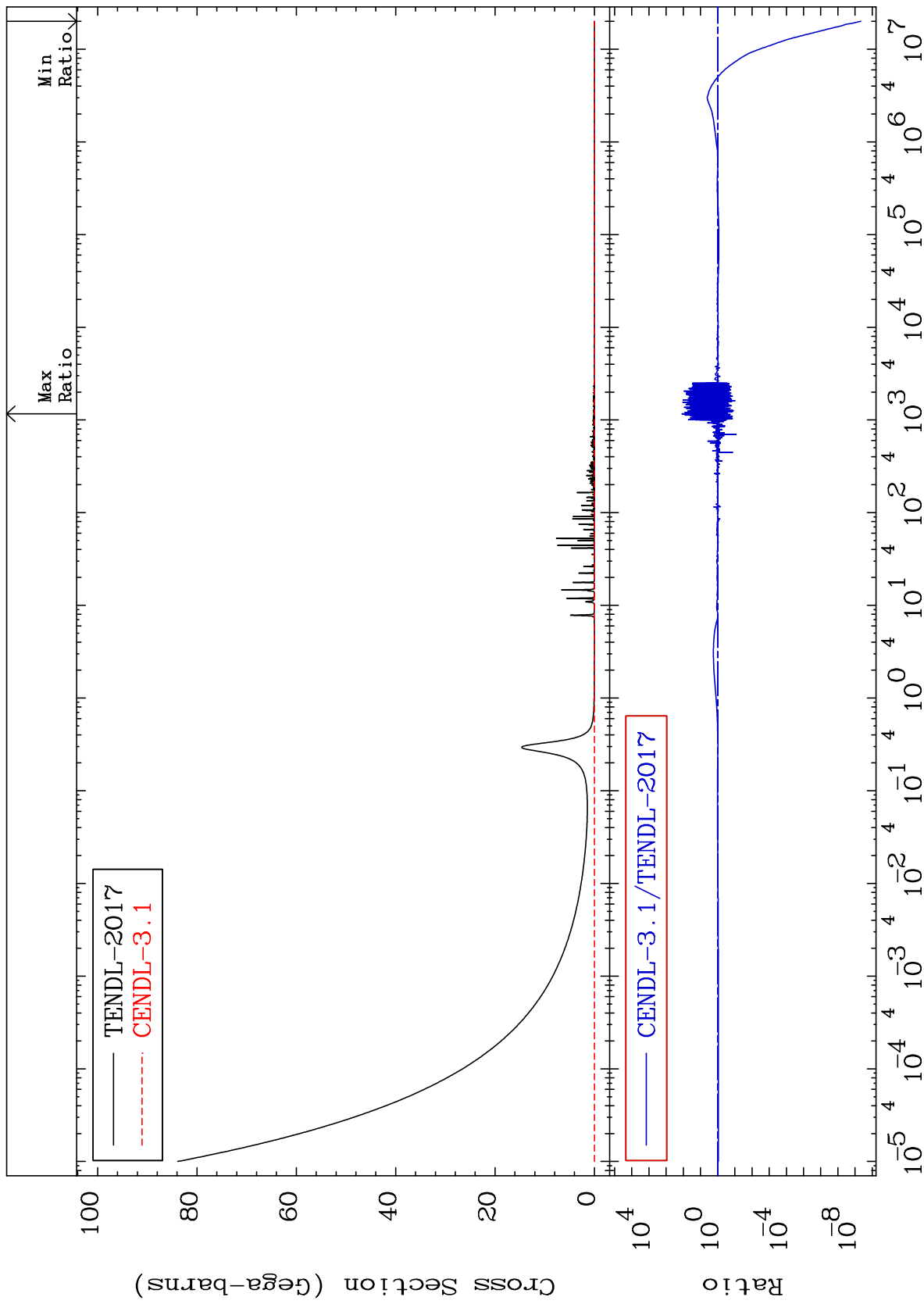
Incident Energy (eV)

94-Pu-239

MAT 9437

Total photon (eV-barns)
Cross Section

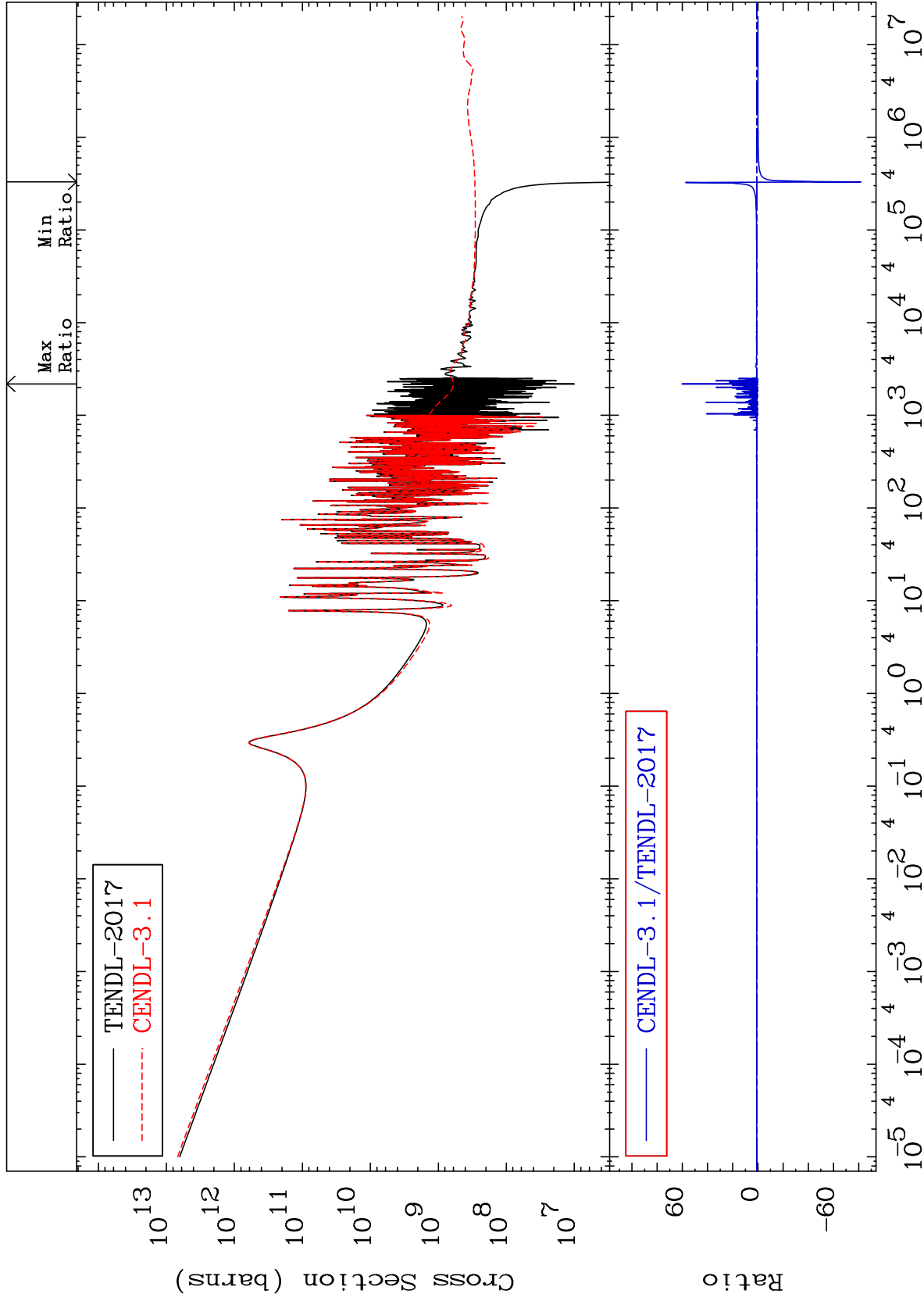
94-Pu-239
-100.0 To 9999. %



MAT 9437

Total kinematic kerma (high limit)
Cross Section

94-Pu-239
-8271. To 5933. %



39

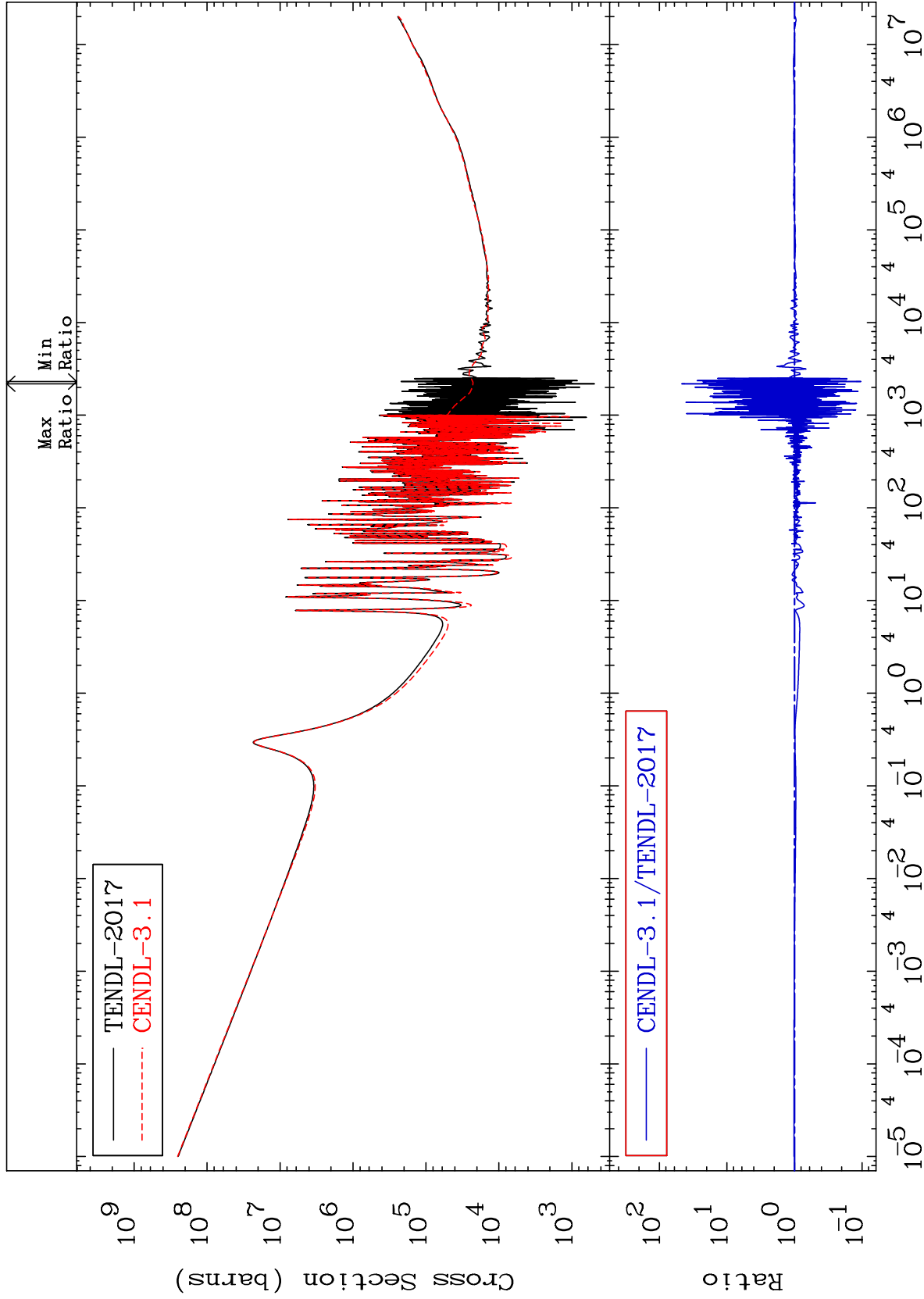
Incident Energy (eV)

94-Pu-239

MAT 9437

Dpa total (eV-barns)
Cross Section

94-Pu-239
-89.56 To 4532. %



40

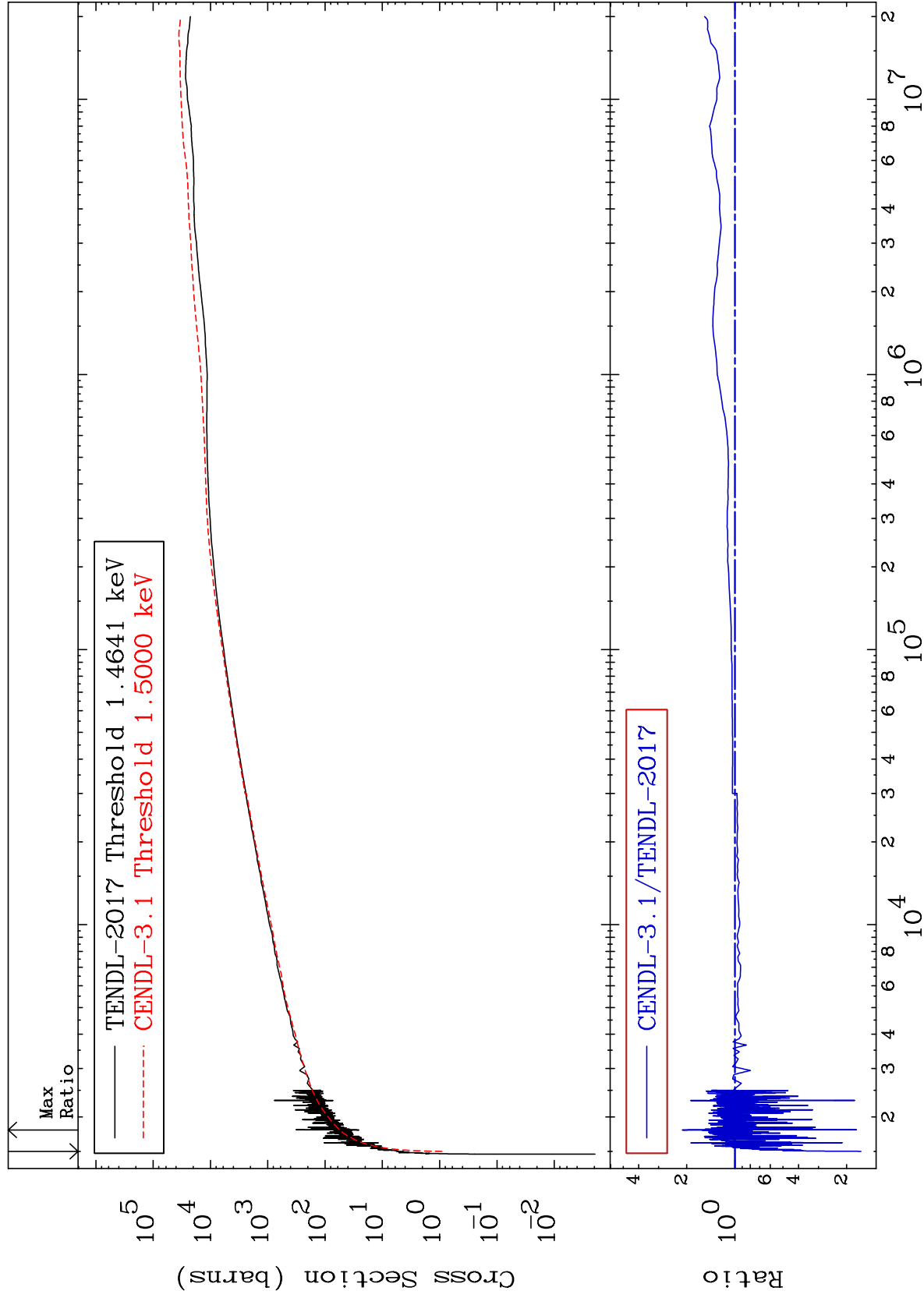
Incident Energy (eV)

94-Pu-239

MAT 9437

Dpa elastic (mt2)
Cross Section

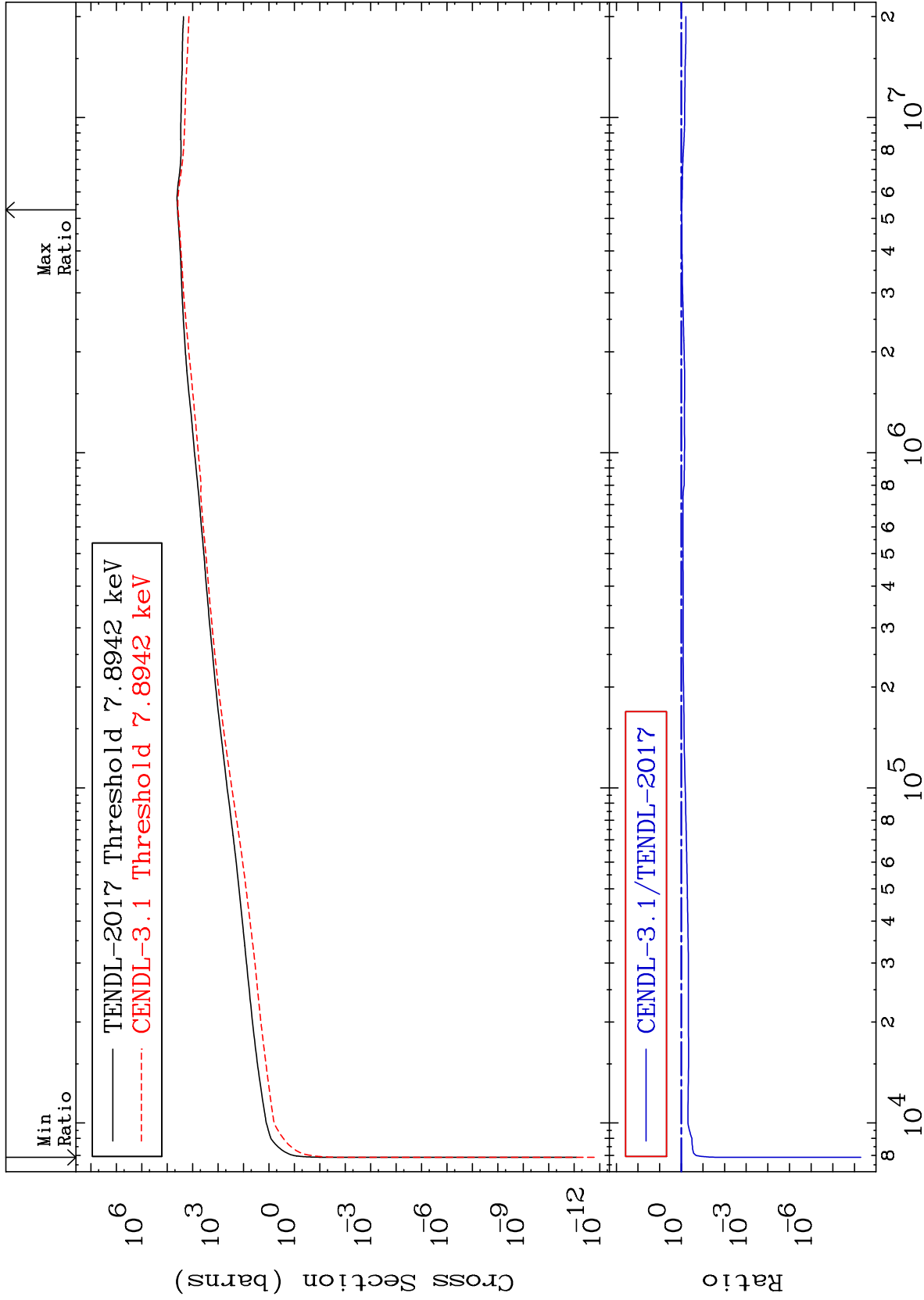
94-Pu-239
-83.73 To 113.1 %



MAT 9437

Dpa inelastic (mt51-91)
Cross Section

94-Pu-239
-100.0 To -4.846%



MAT 9437

Dpa disappearance (mt102 -120)
Cross Section

94-Pu-239
-100.0 To 999.9 %

