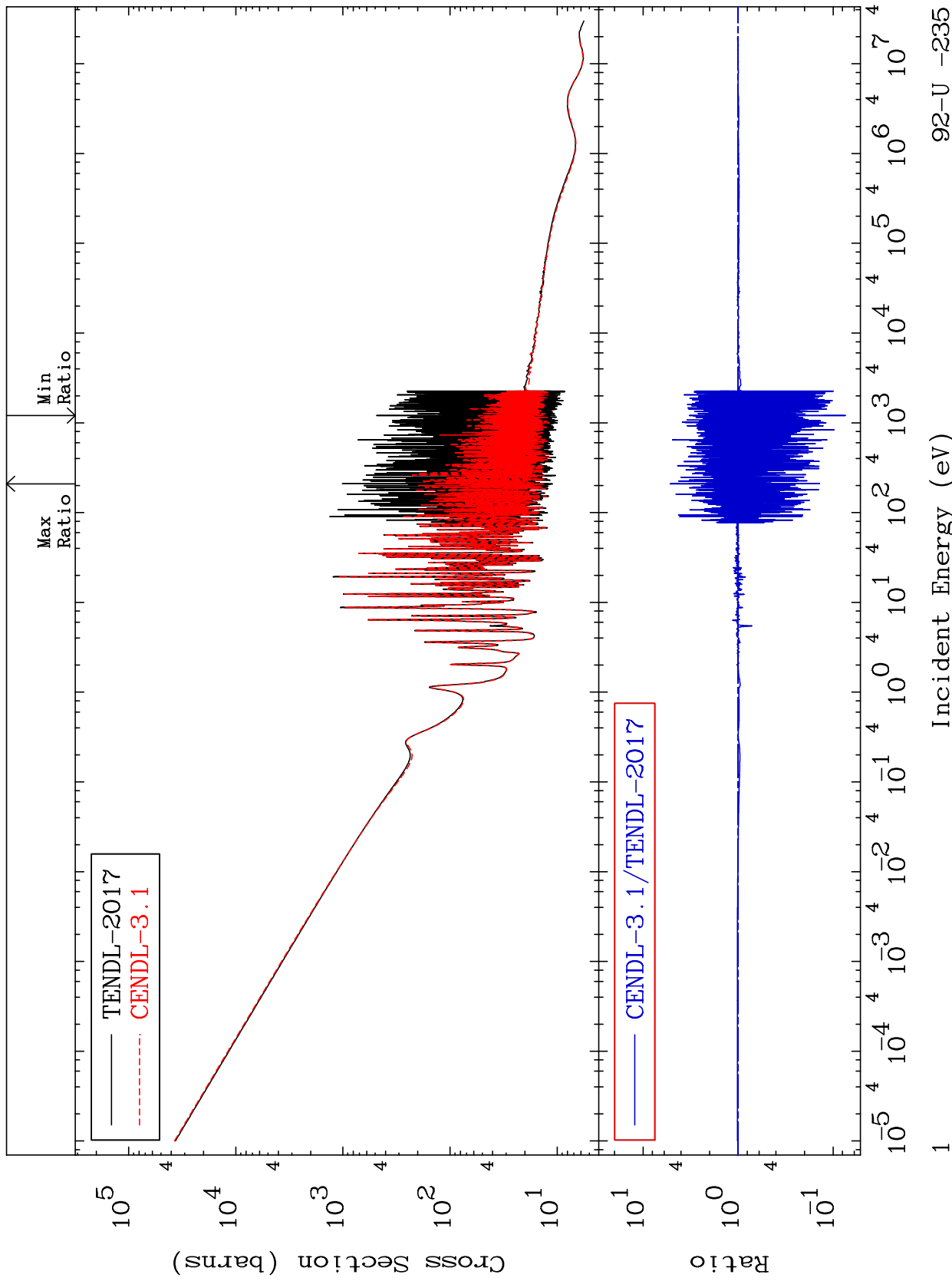


MAT 9228

Total Cross Section  
92-U -235  
-92.59 To 424.8 %

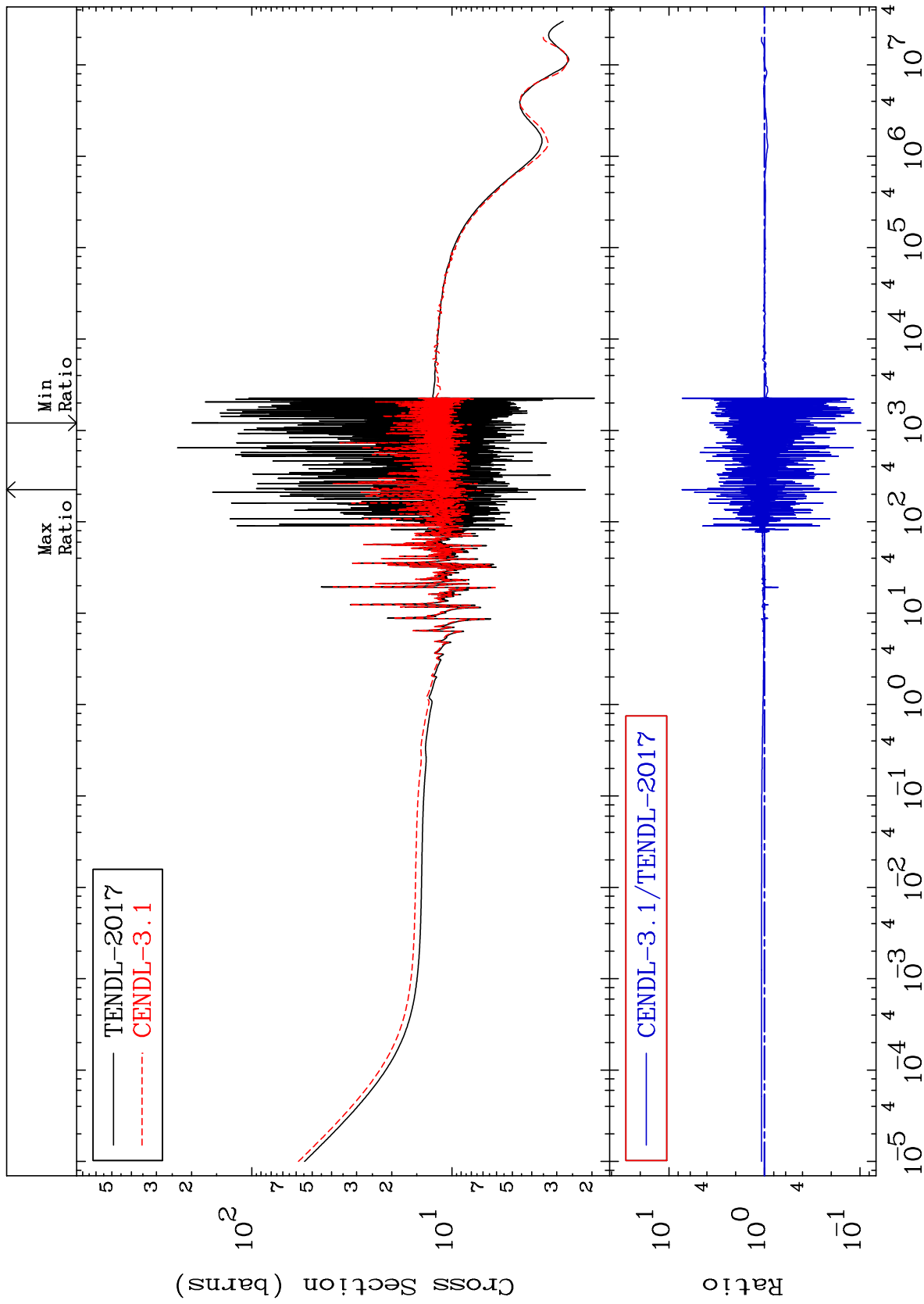


92-U -235

MAT 9228

Elastic  
Cross Section

92-U -235  
-90.20 To 631.0 %



2

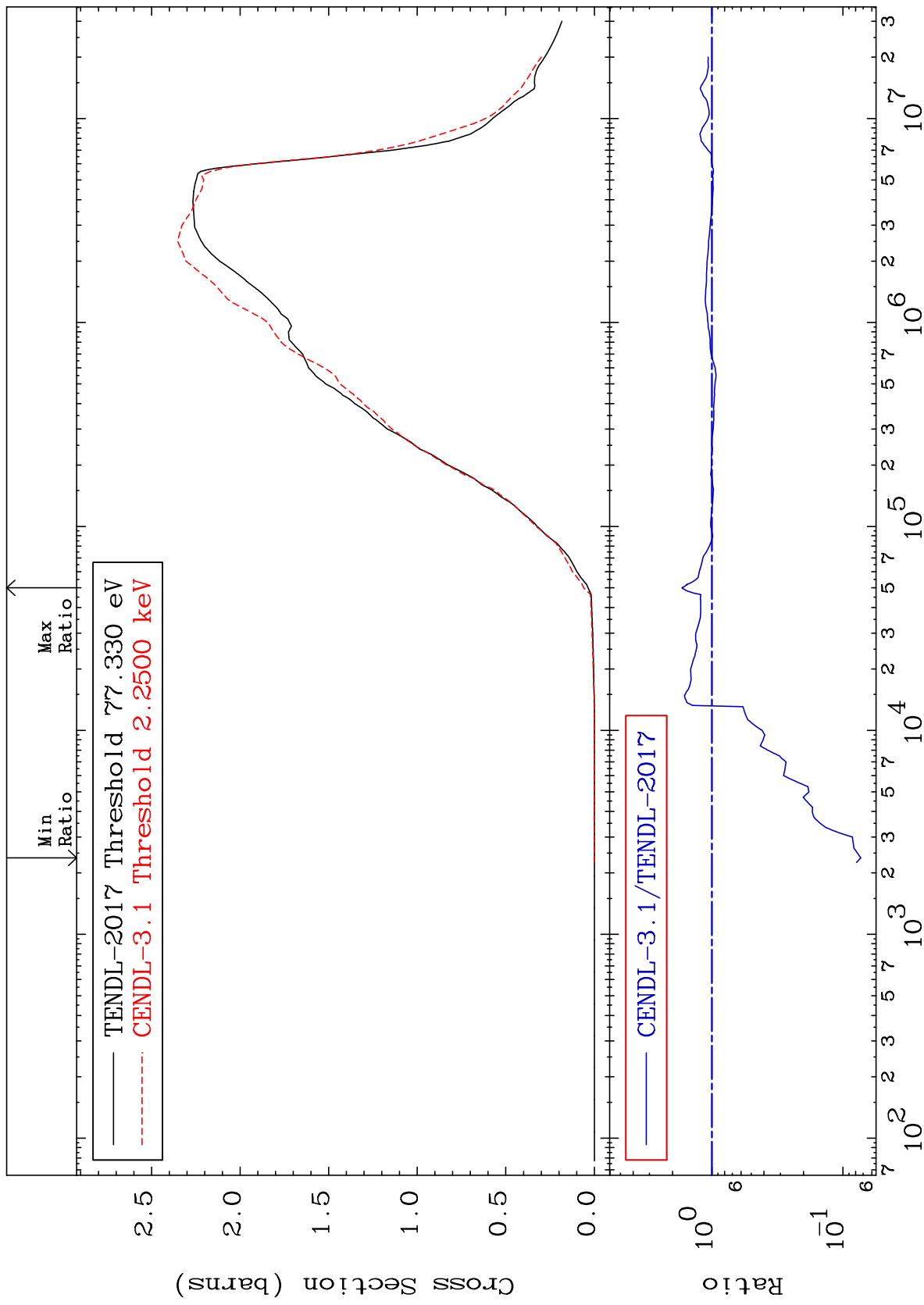
Incident Energy (eV)

92-U -235

MAT 9228

Inelastic  
Cross Section

92-U -235  
-92.70 To 69.41 %



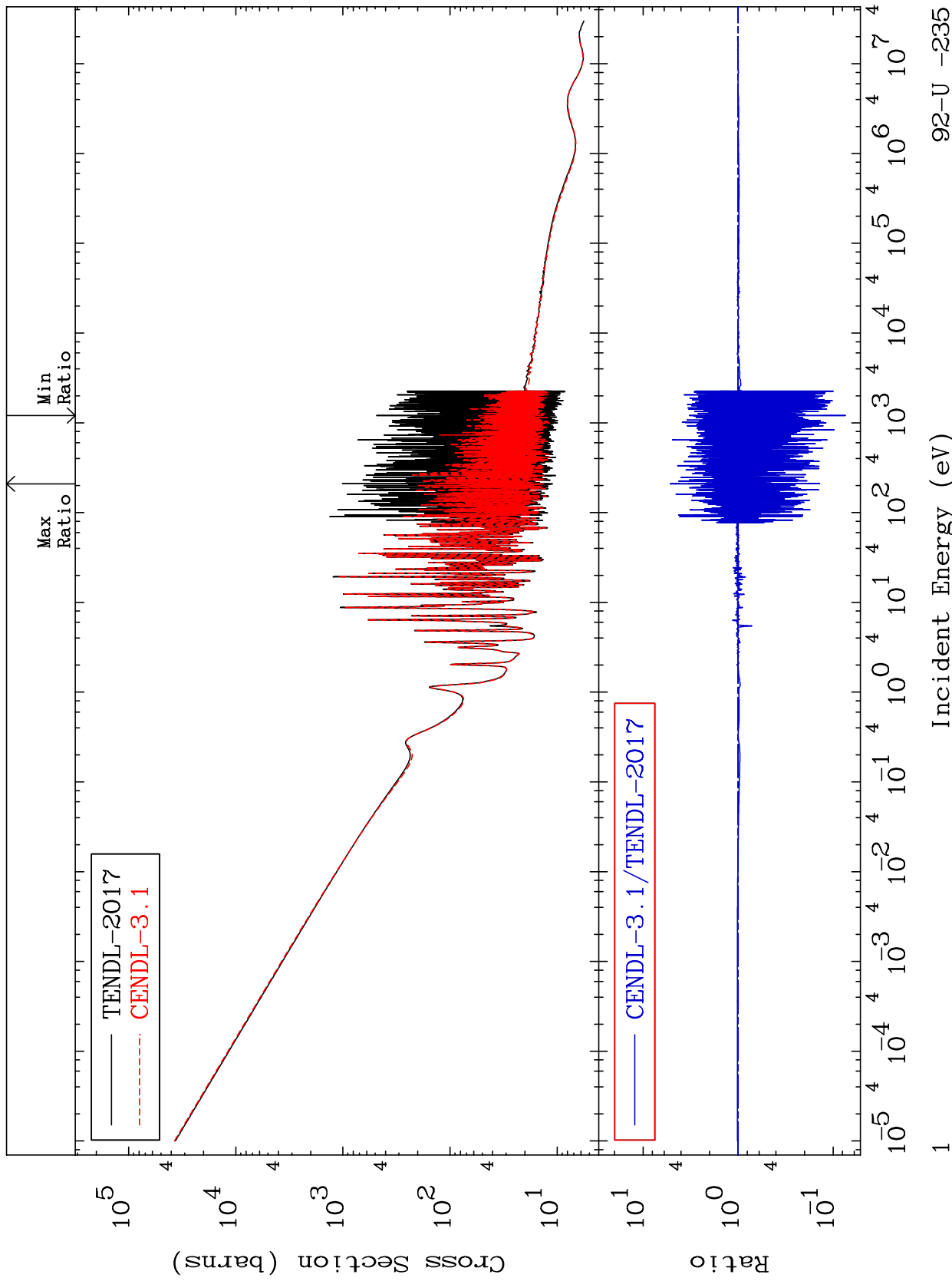
3

Incident Energy (eV)

92-U -235

MAT 9228

Total Cross Section  
92-U -235  
-92.59 To 424.8 %

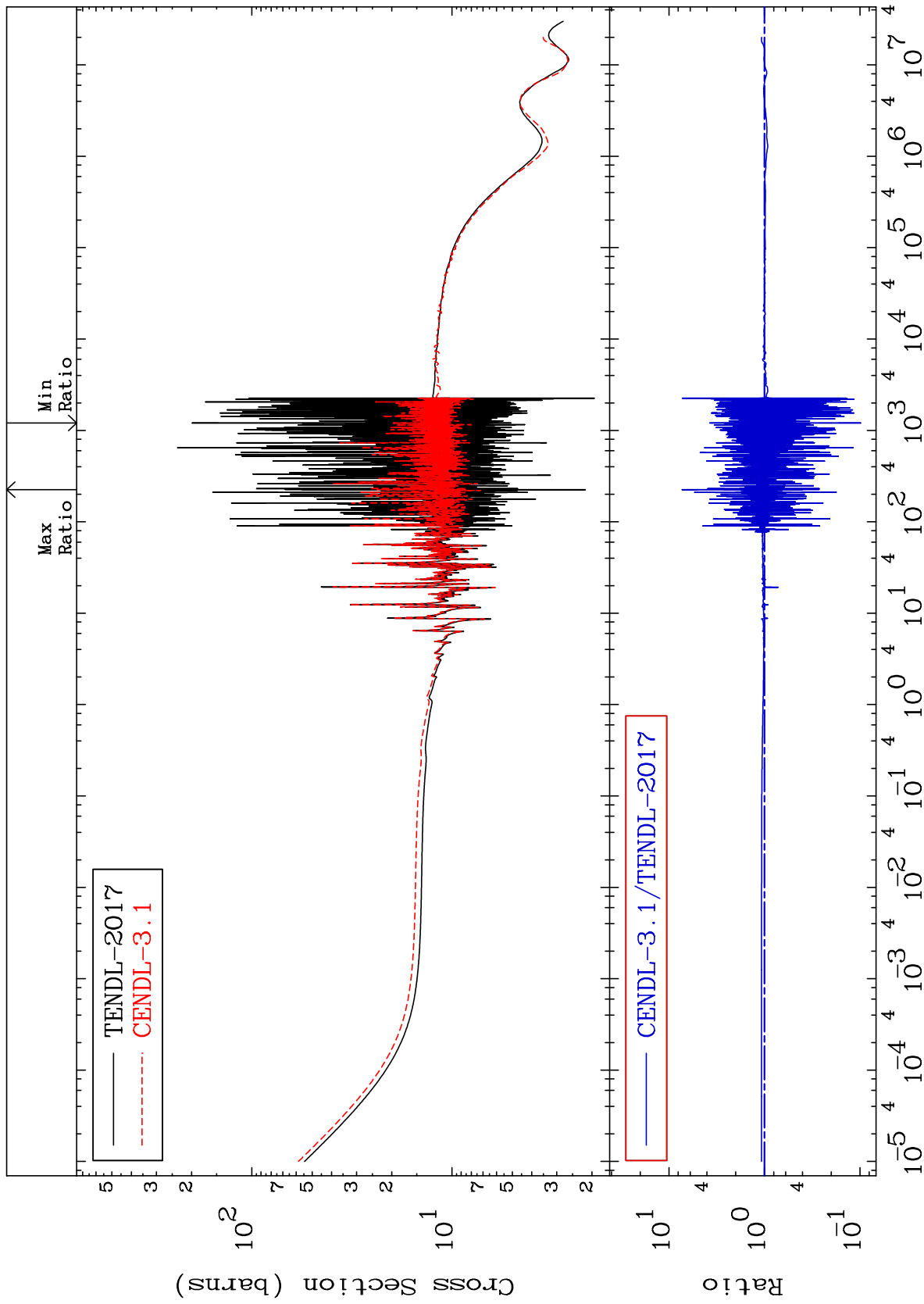


92-U -235

MAT 9228

Elastic  
Cross Section

92-U -235  
-90.20 To 631.0 %



2

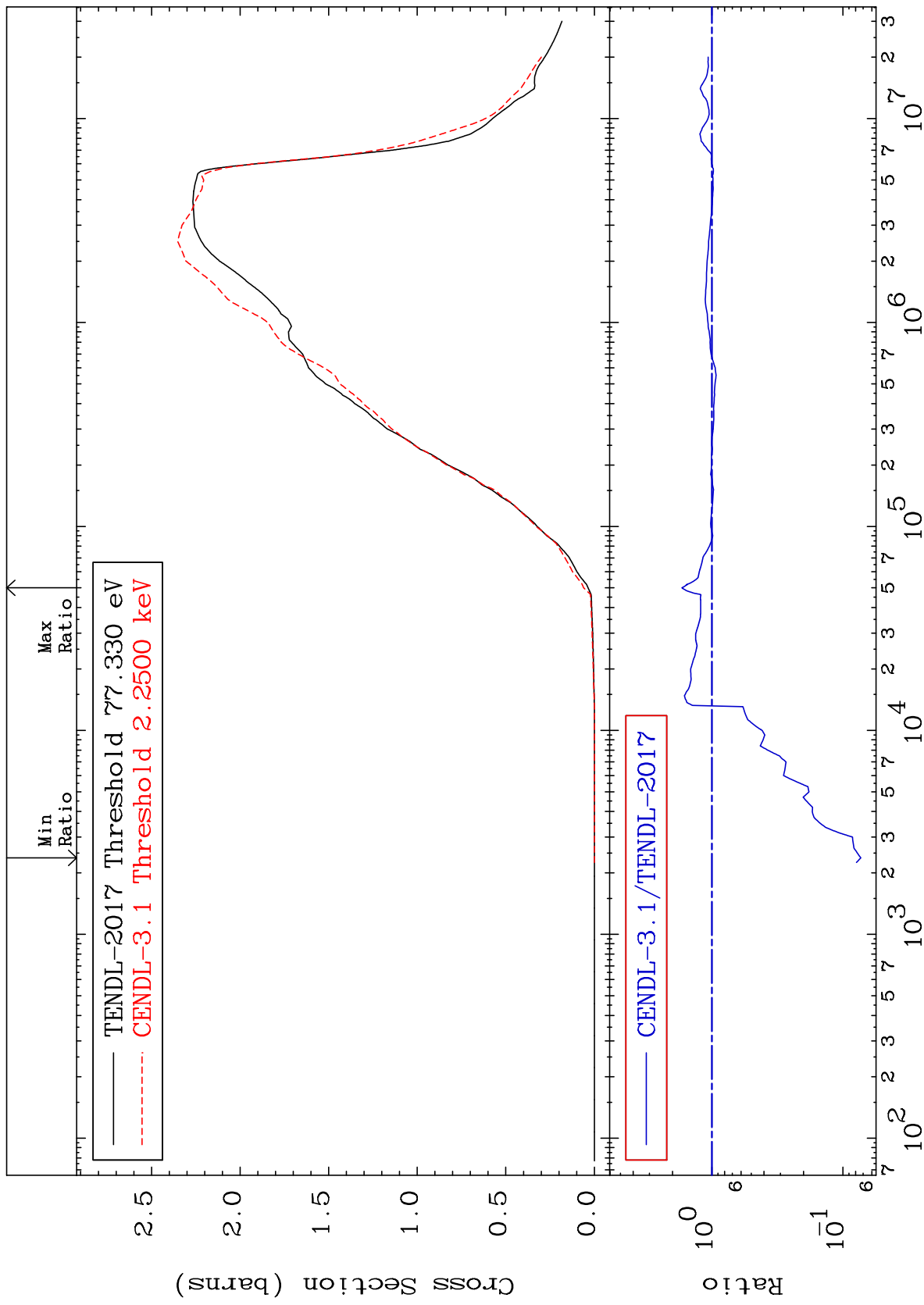
Incident Energy (eV)

92-U -235

MAT 9228

Inelastic  
Cross Section

92-U -235  
-92.70 To 69.41 %



3

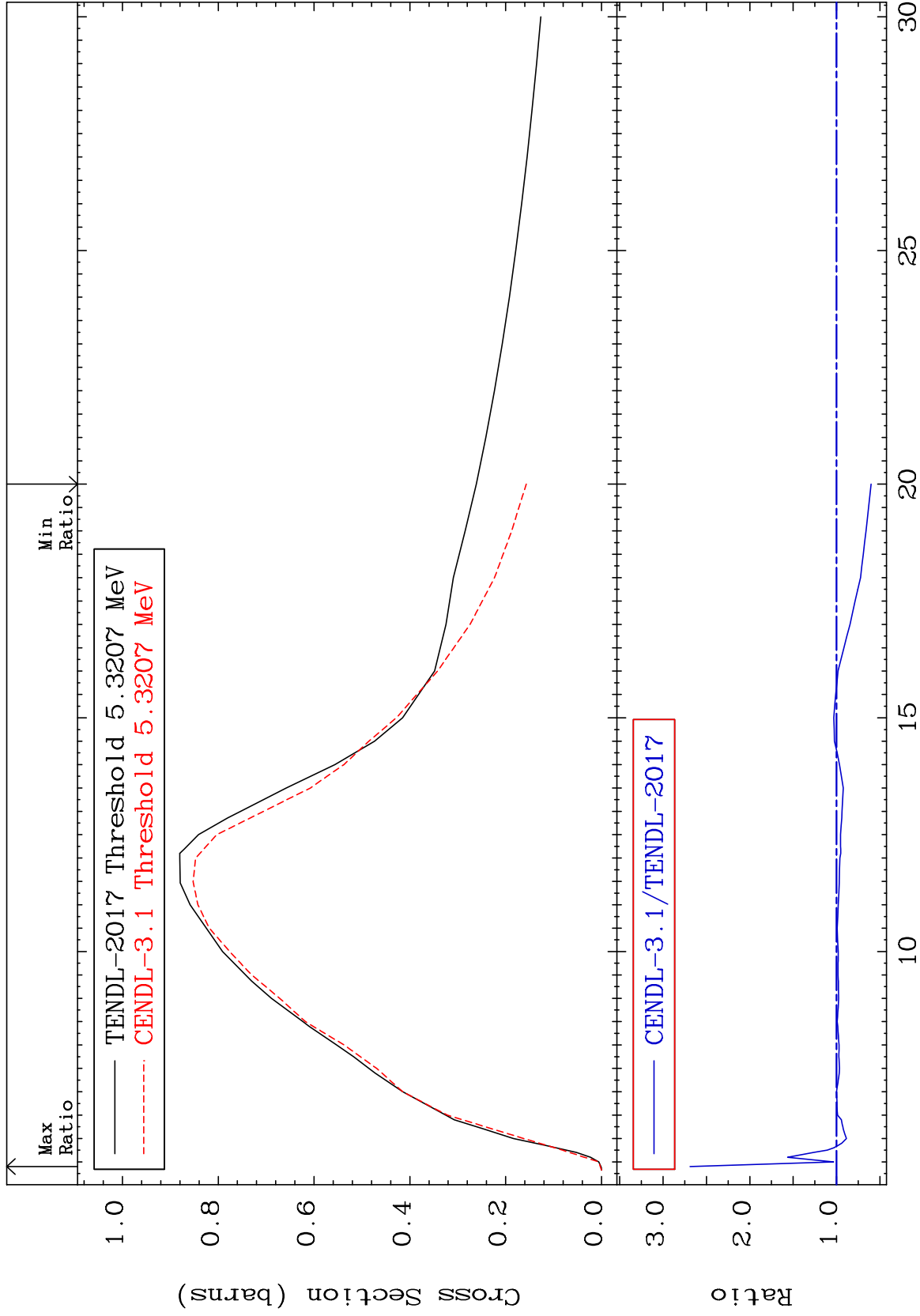
MAT 9228

(n,2n)

92-U -235

Cross Section

-39.82 To 168.9 %



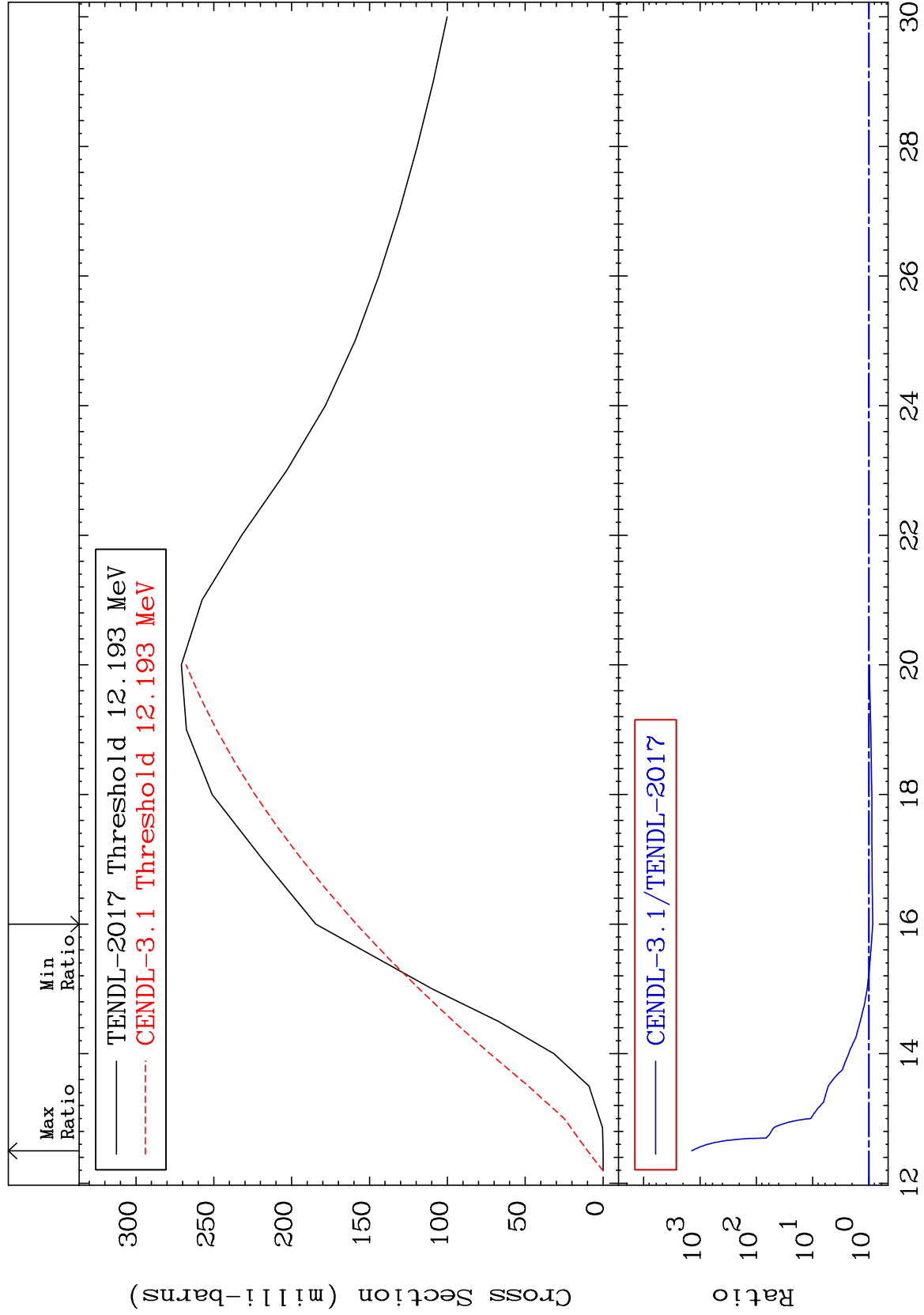
MAT 9228

(n, 3n)

92-U -235

Cross Section

-14.06 To 9999. %



5

Incident Energy (MeV)

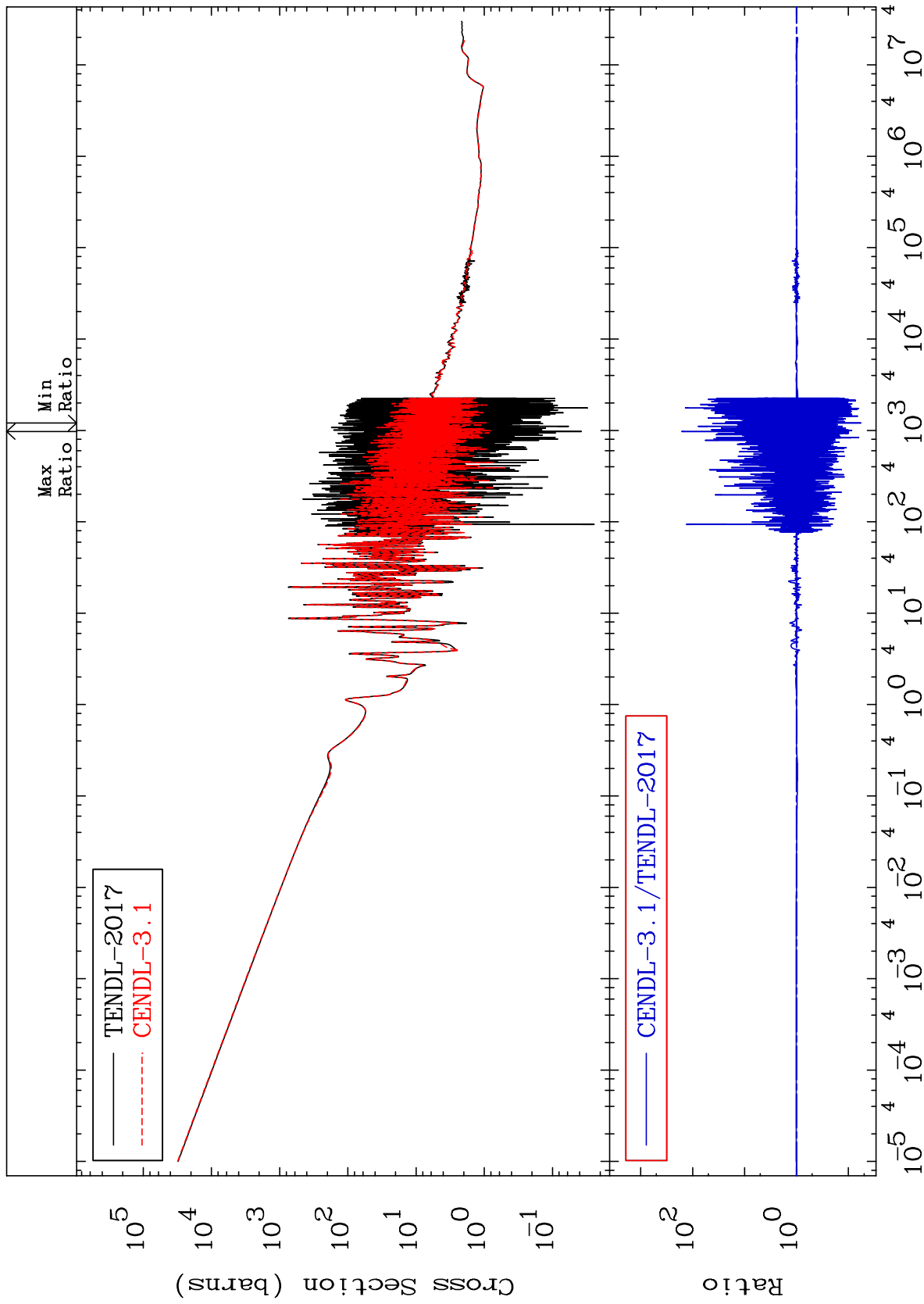
92-U -235



MAT 9228

Fission  
Cross Section

92-U -235  
-94.23 To 9999. %



6

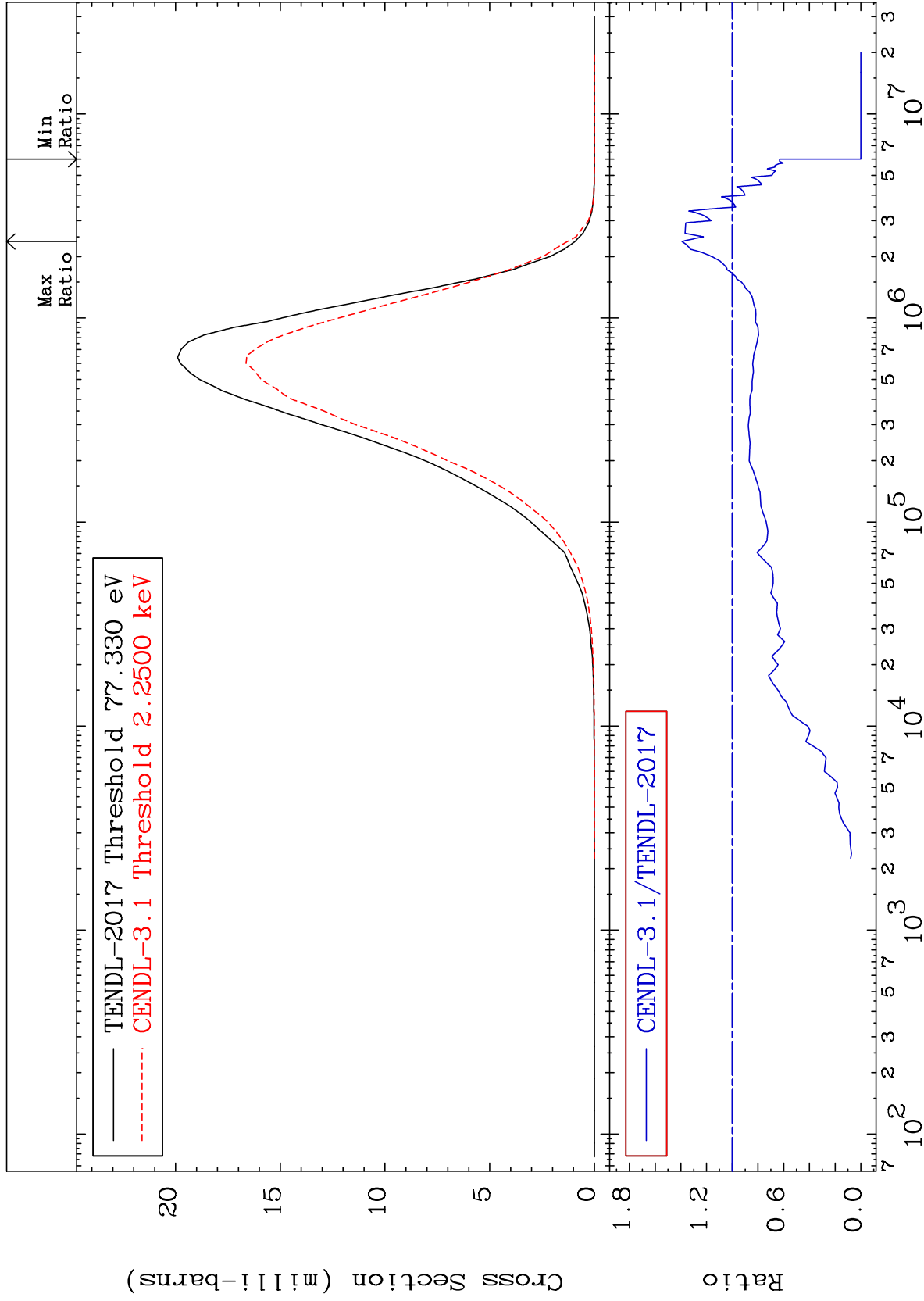
Incident Energy (eV)

92-U -235

MAT 9228

0.077 keV (n,n') Level  
Cross Section

92-U -235  
-100.0 To 39.16 %

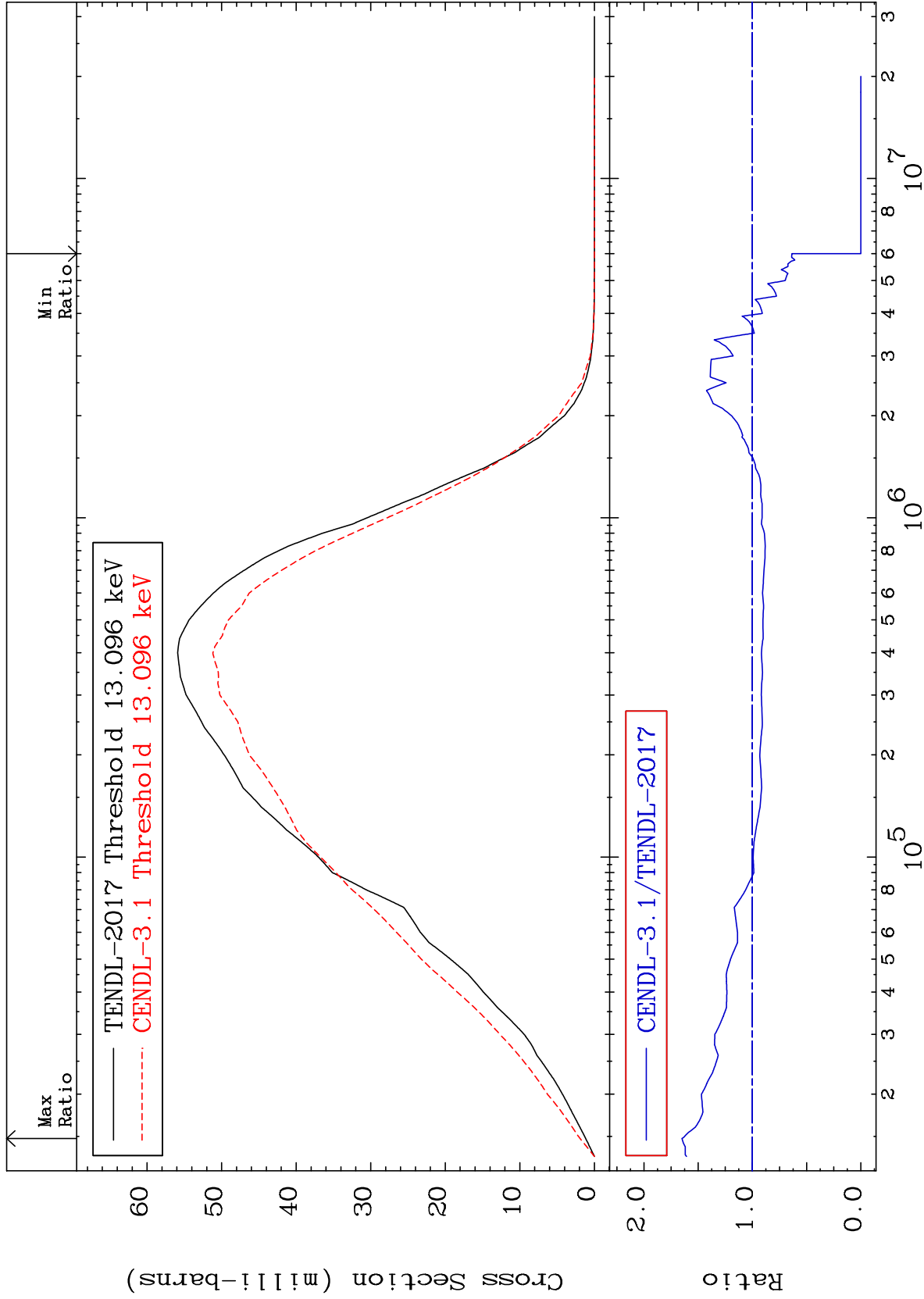


7

Incident Energy (eV)

92-U -235

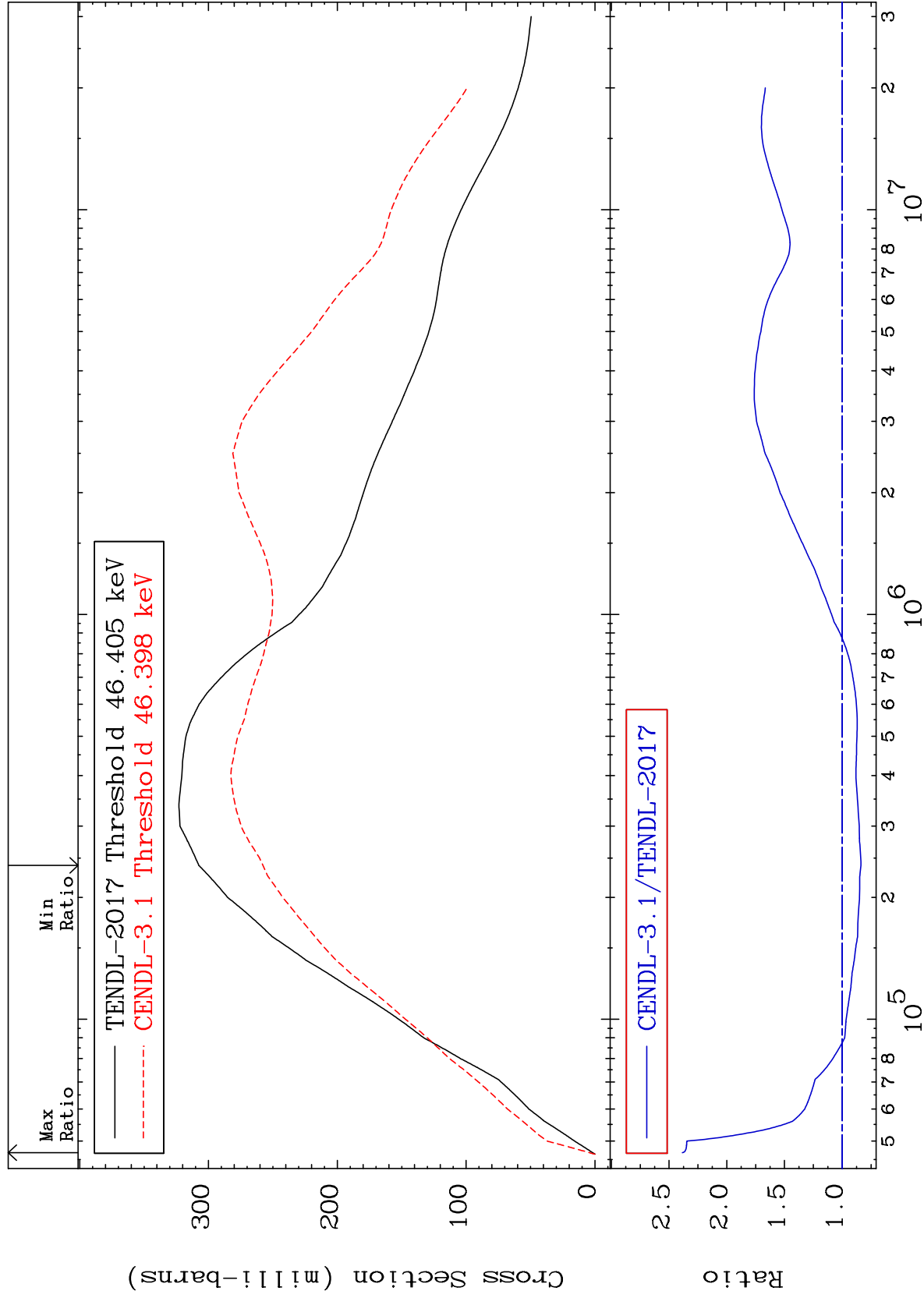
MAT 9228      13.04 keV (n,n') Level      92-U -235  
 Cross Section      -100.0 To 64.96 %



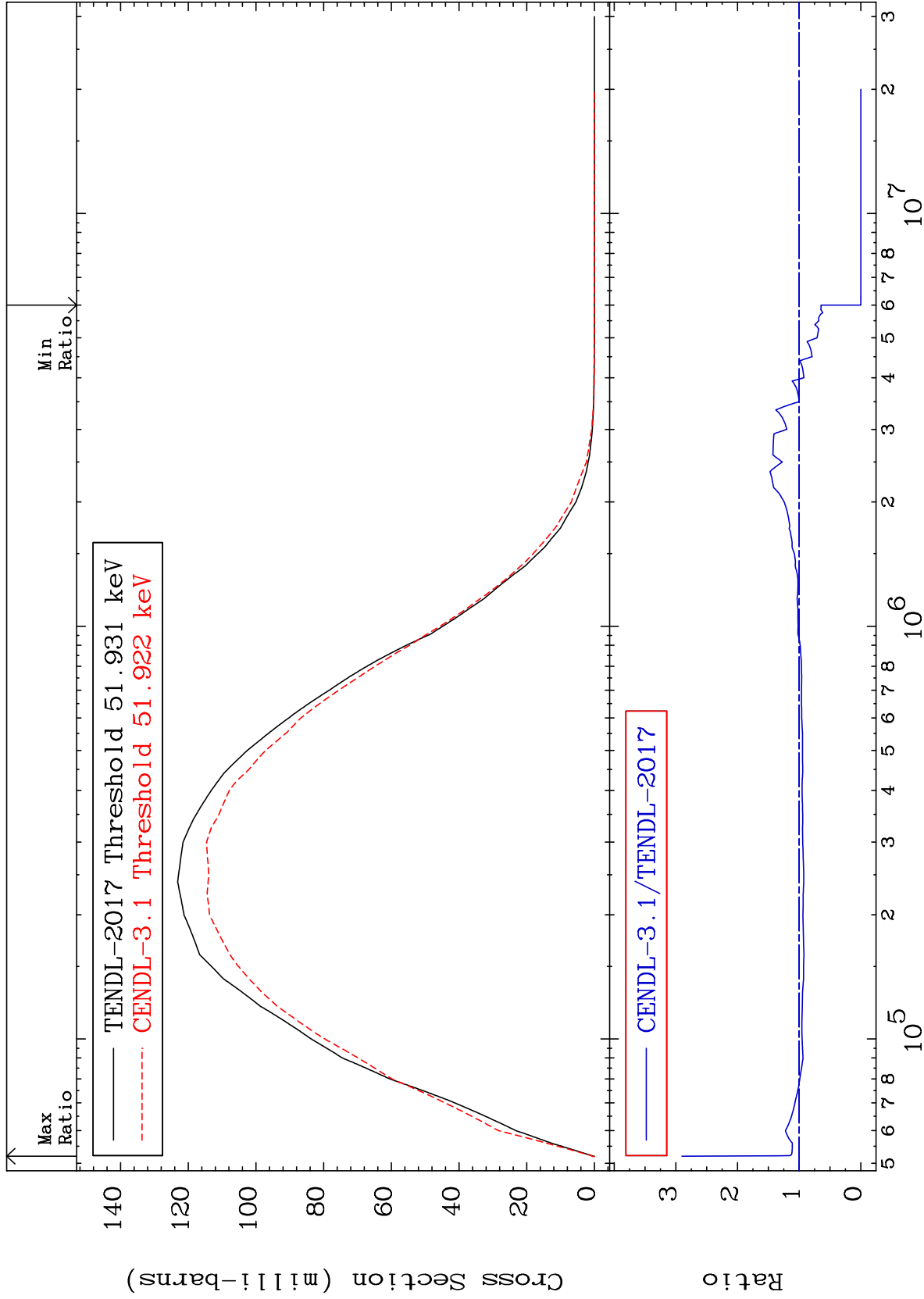
MAT 9228

46.21 keV (n,n') Level  
Cross Section

92-U -235  
-16.20 To 138.5 %



MAT 9228      51.71 keV (n,n') Level      92-U -235  
Cross Section      -100.0 To 190.2 %

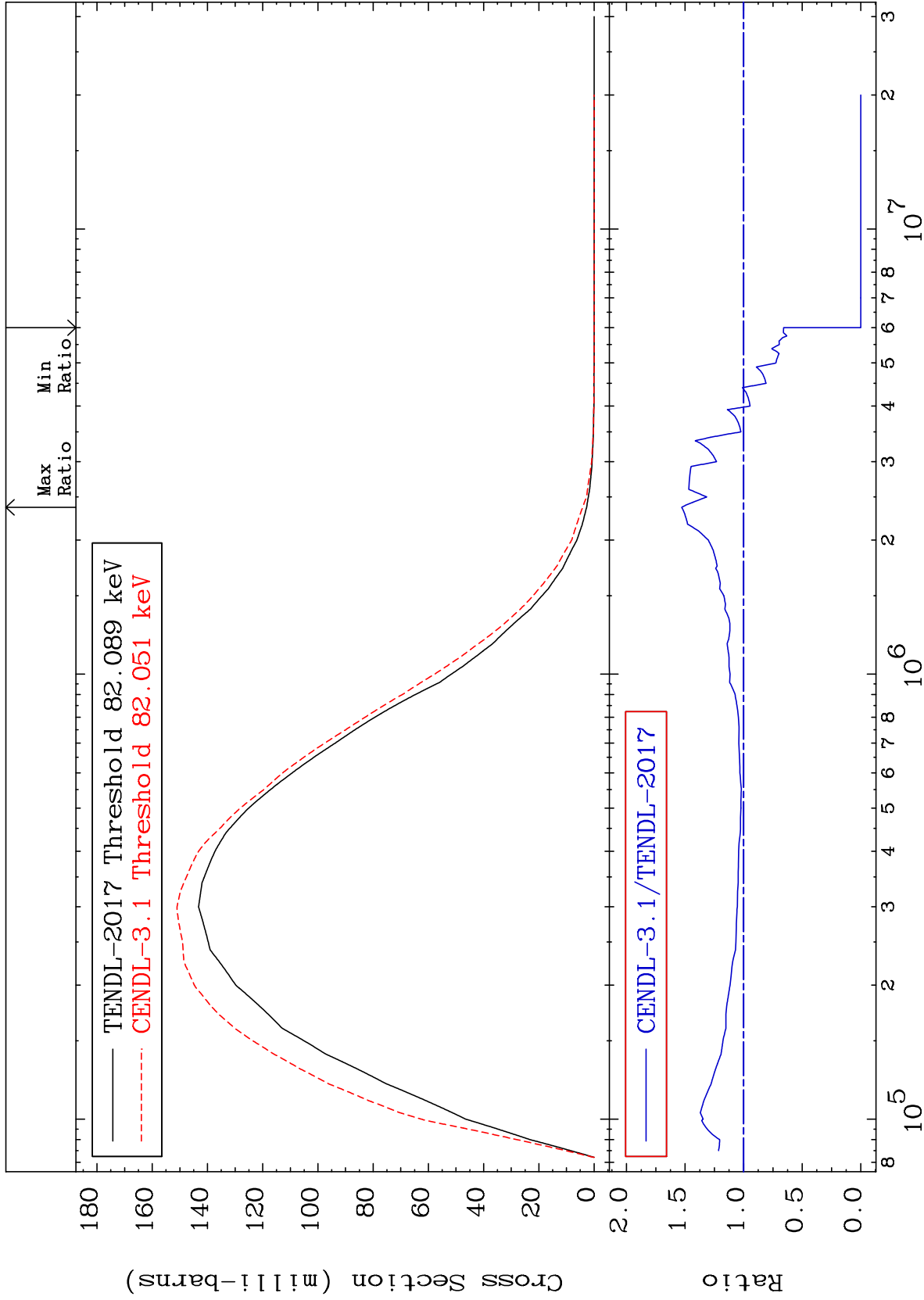


10      Incident Energy (eV)      92-U -235

MAT 9228

81.74 keV (n,n') Level  
Cross Section

92-U -235  
-100.0 To 52.87 %



11

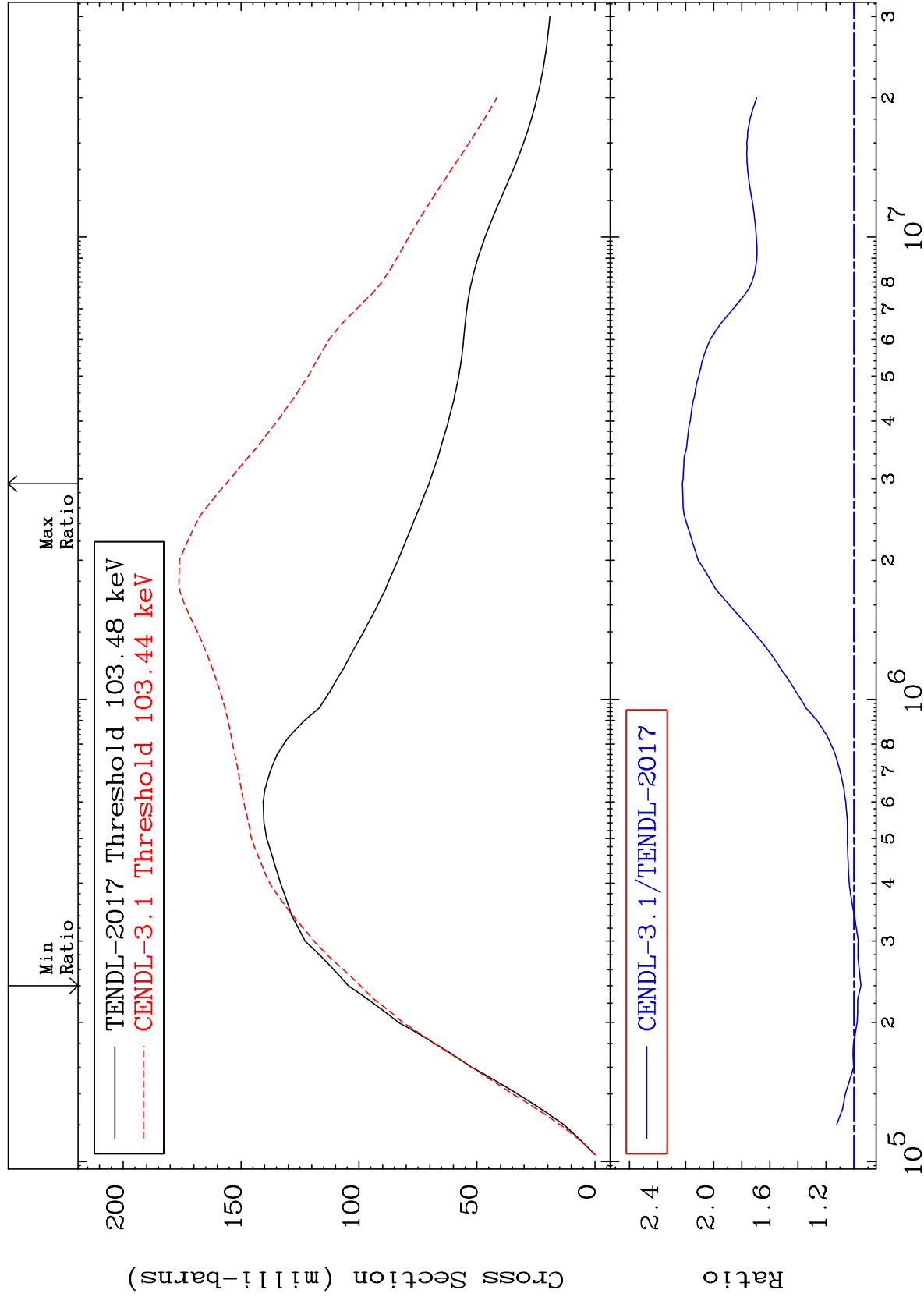
Incident Energy (eV)

92-U -235

MAT 9228

103.0 keV (n,n') Level  
Cross Section

92-U -235  
-4.953 To 122.3 %



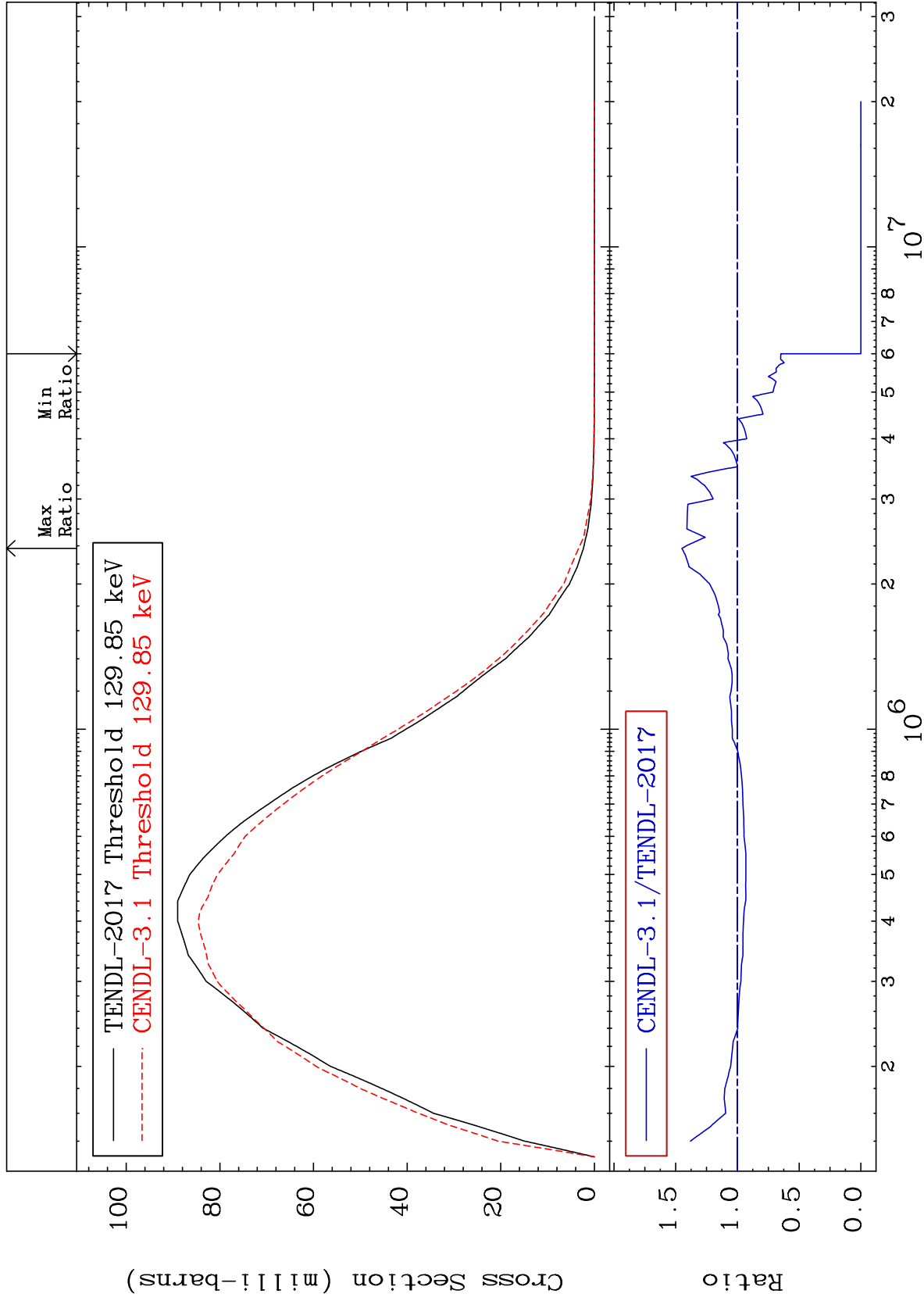
12

92-U -235

MAT 9228

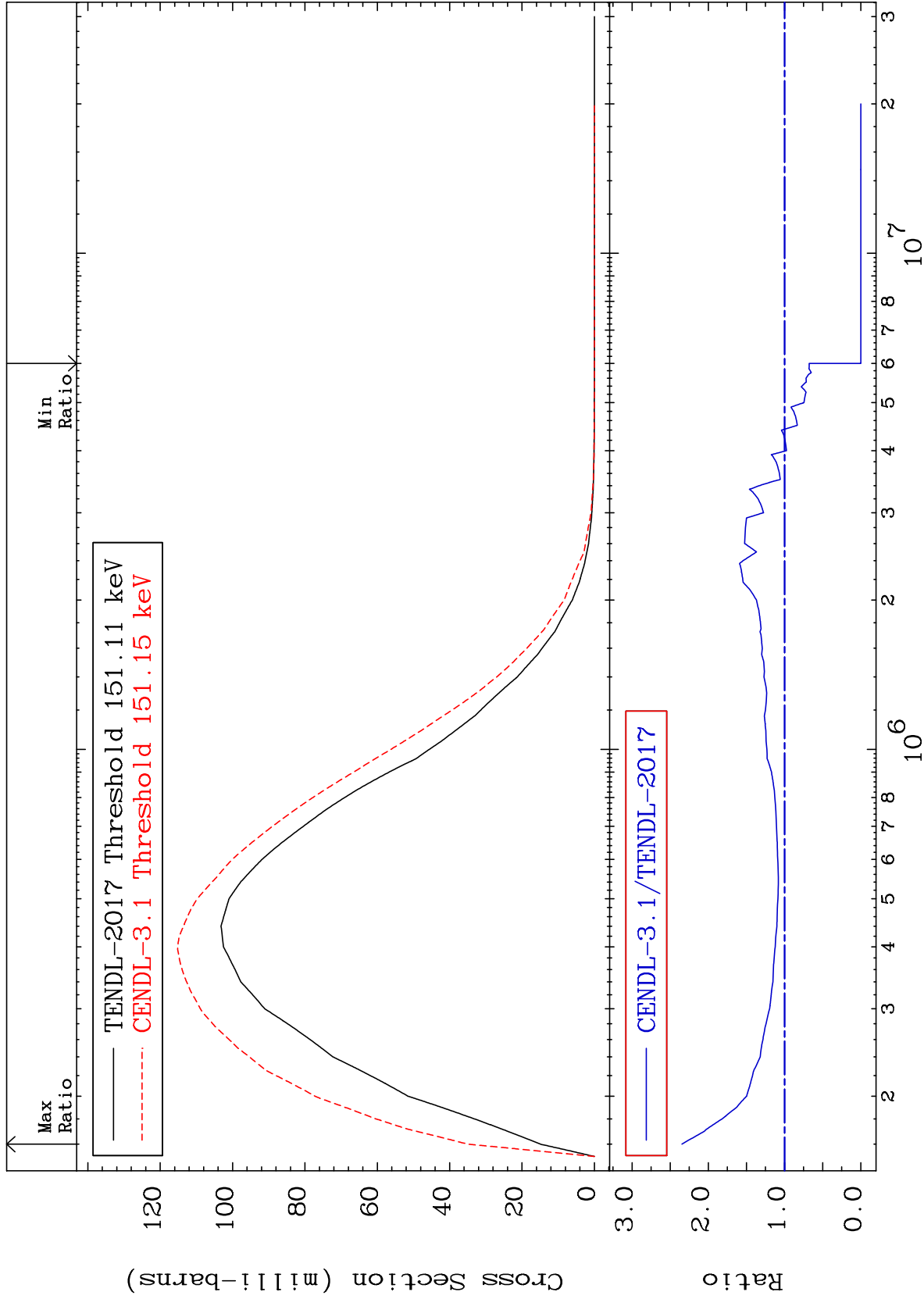
129.3 keV (n,n') Level  
Cross Section

92-U -235  
-100.0 To 44.90 %





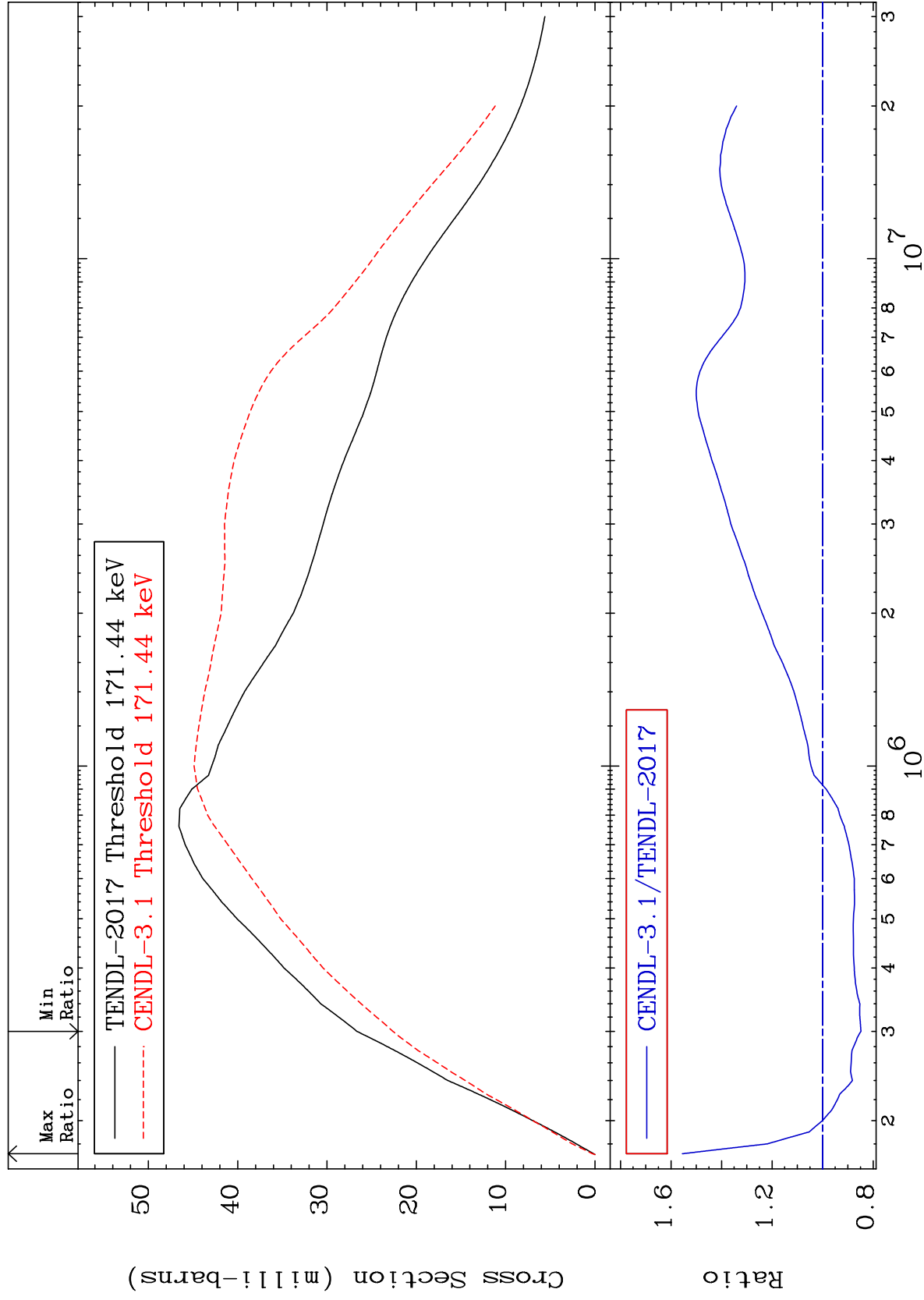
MAT 9228      150.5 keV (n,n') Level      92-U -235  
 Cross Section      -100.0 To 134.5 %



MAT 9228

170.7 keV (n,n') Level  
Cross Section

92-U -235  
-15.18 To 55.51 %



15

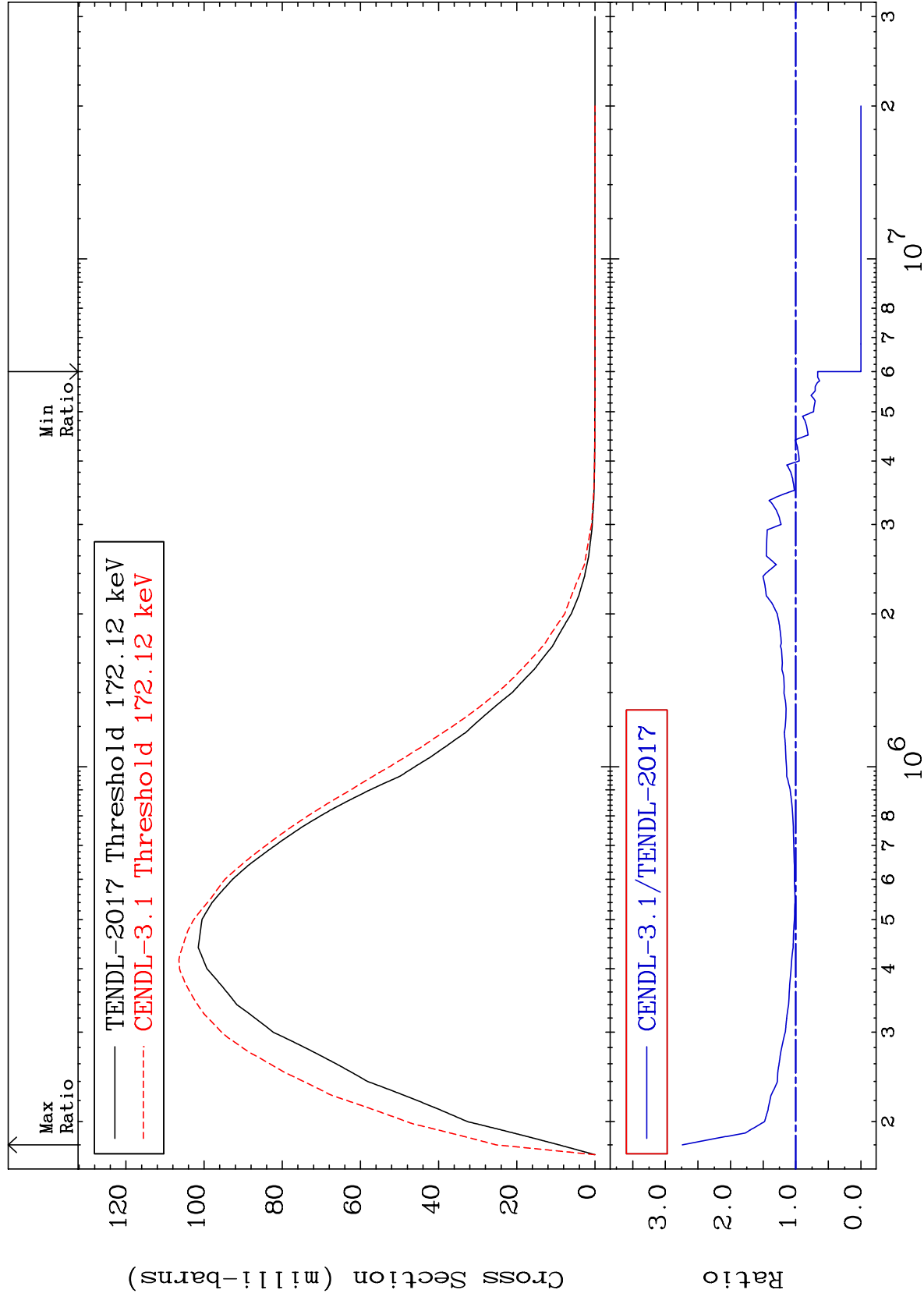
Incident Energy (eV)

92-U -235

MAT 9228

171.4 keV (n,n') Level  
Cross Section

92-U -235  
-100.0 To 173.9 %

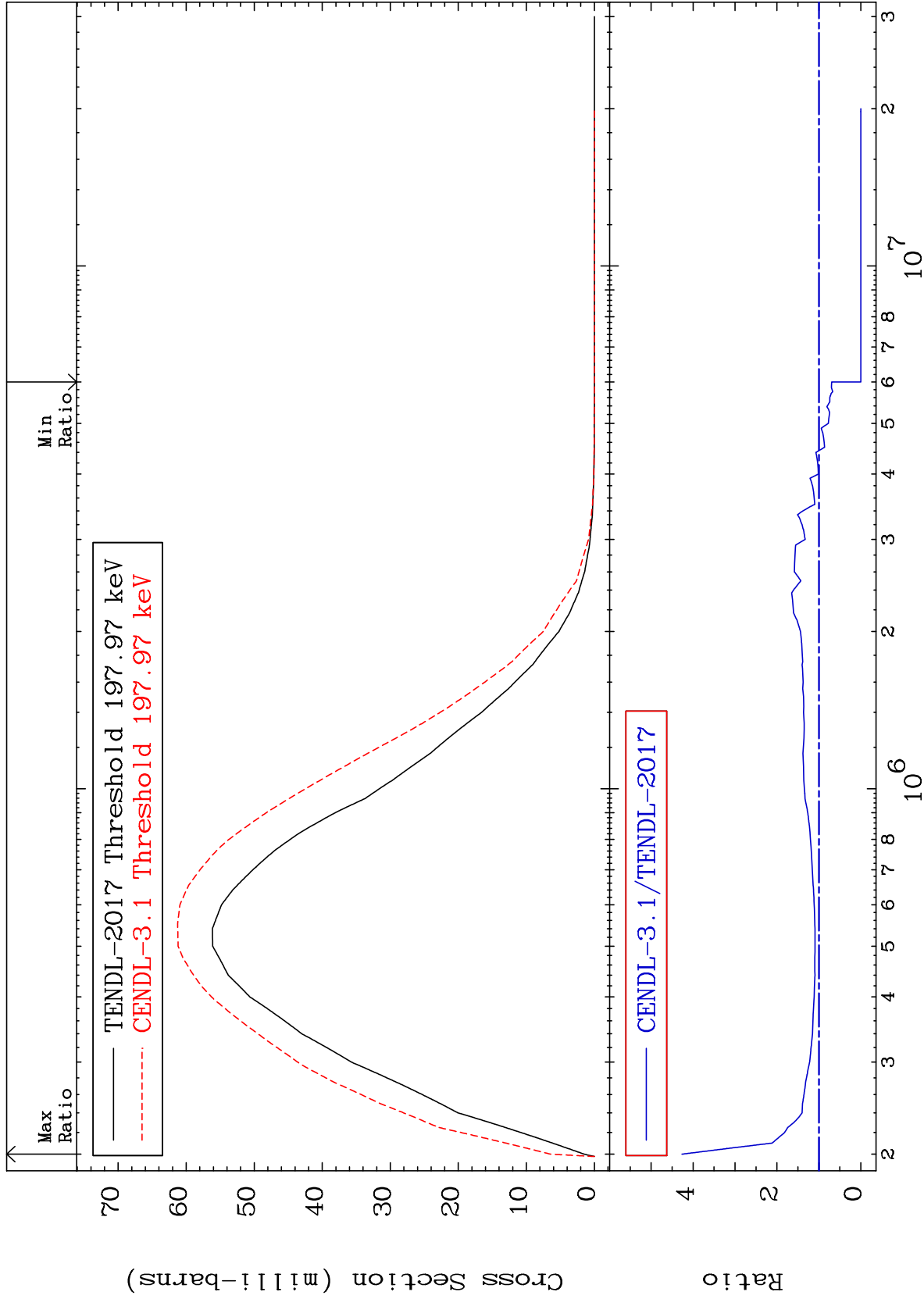


16

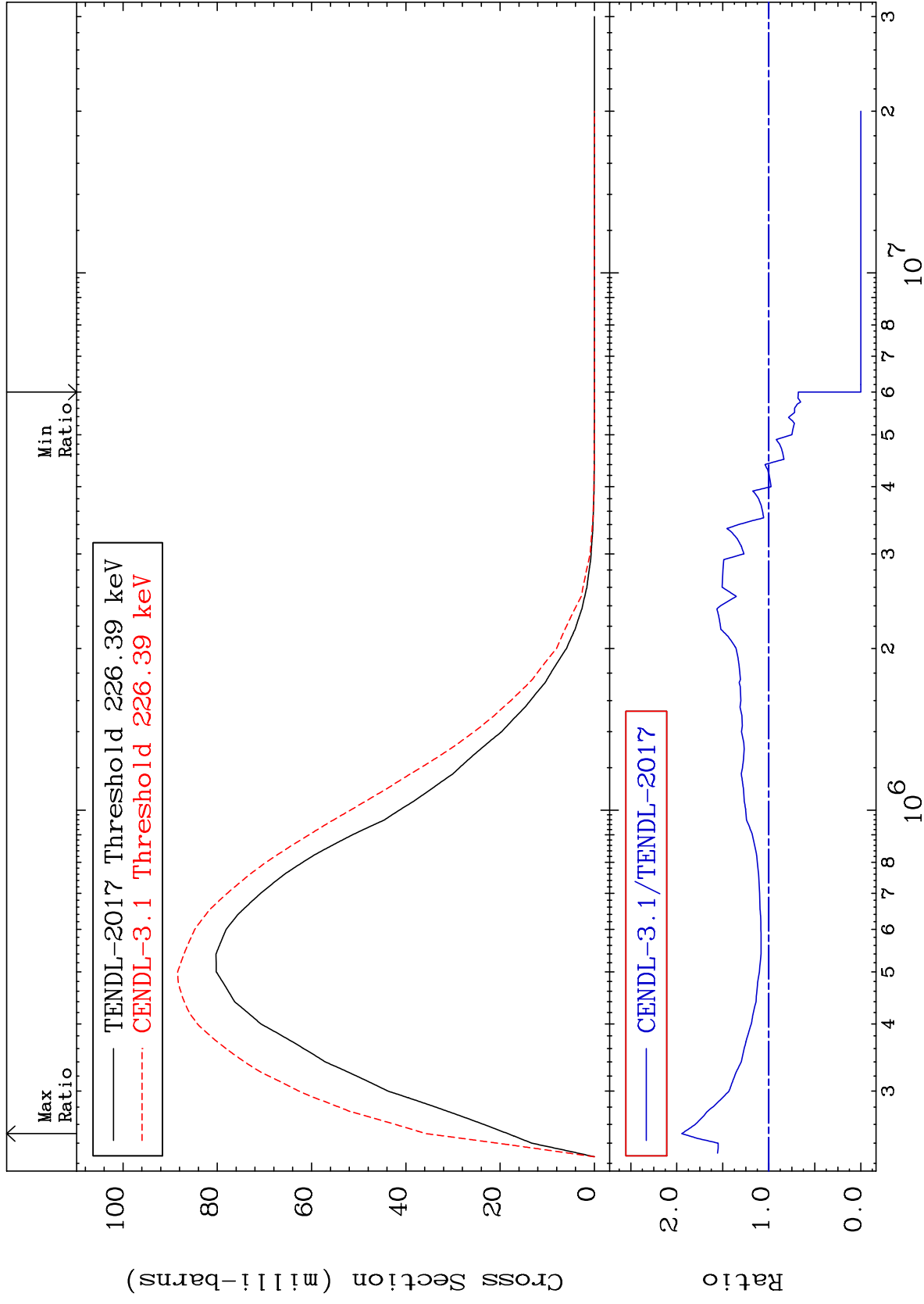
Incident Energy (eV)

92-U -235

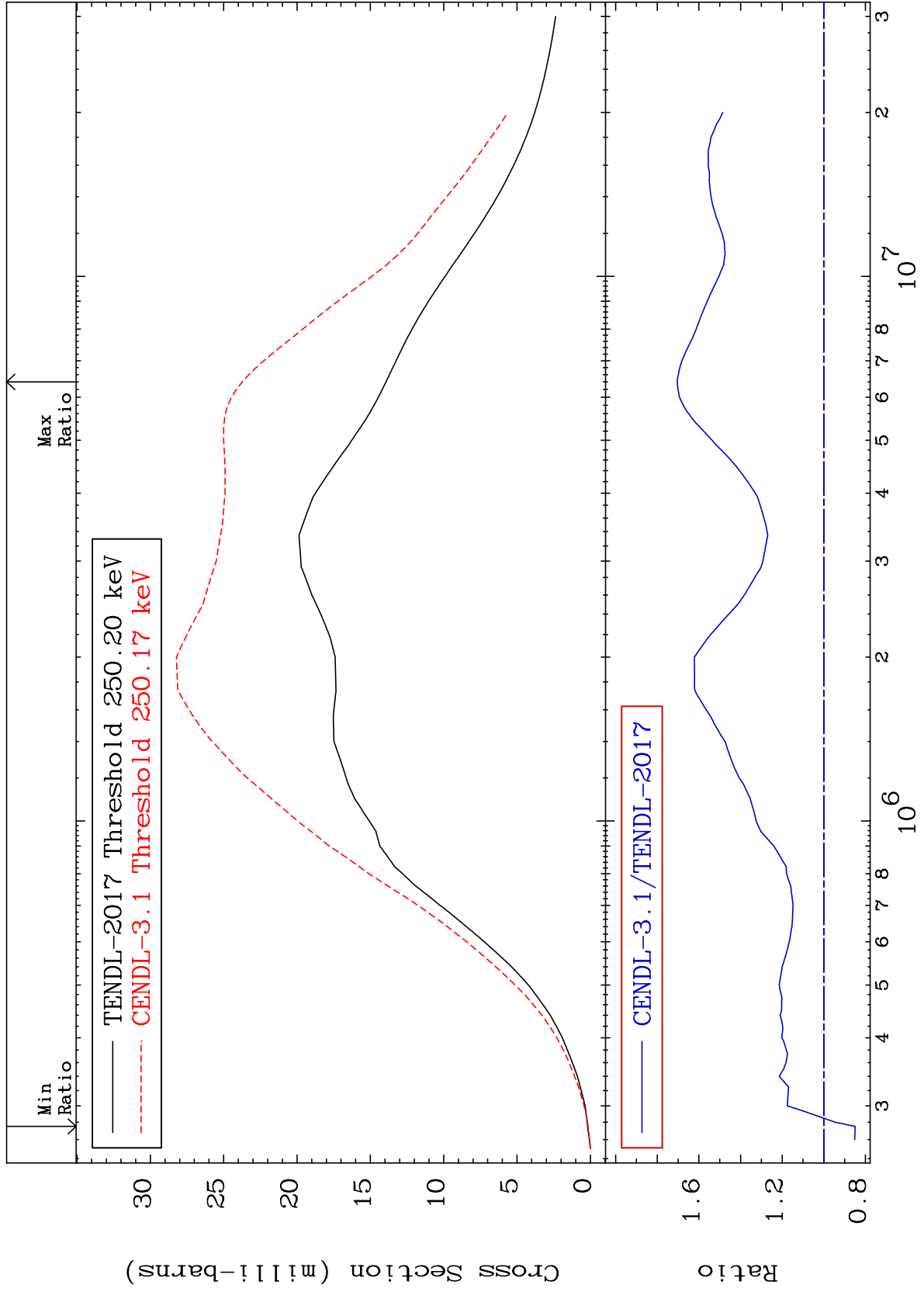
MAT 9228      197.1 keV (n,n') Level      92-U -235  
 Cross Section      -100.0 To 326.5 %



MAT 9228      225.4 keV (n,n') Level      92-U -235  
 Cross Section      -100.0 To 94.39 %



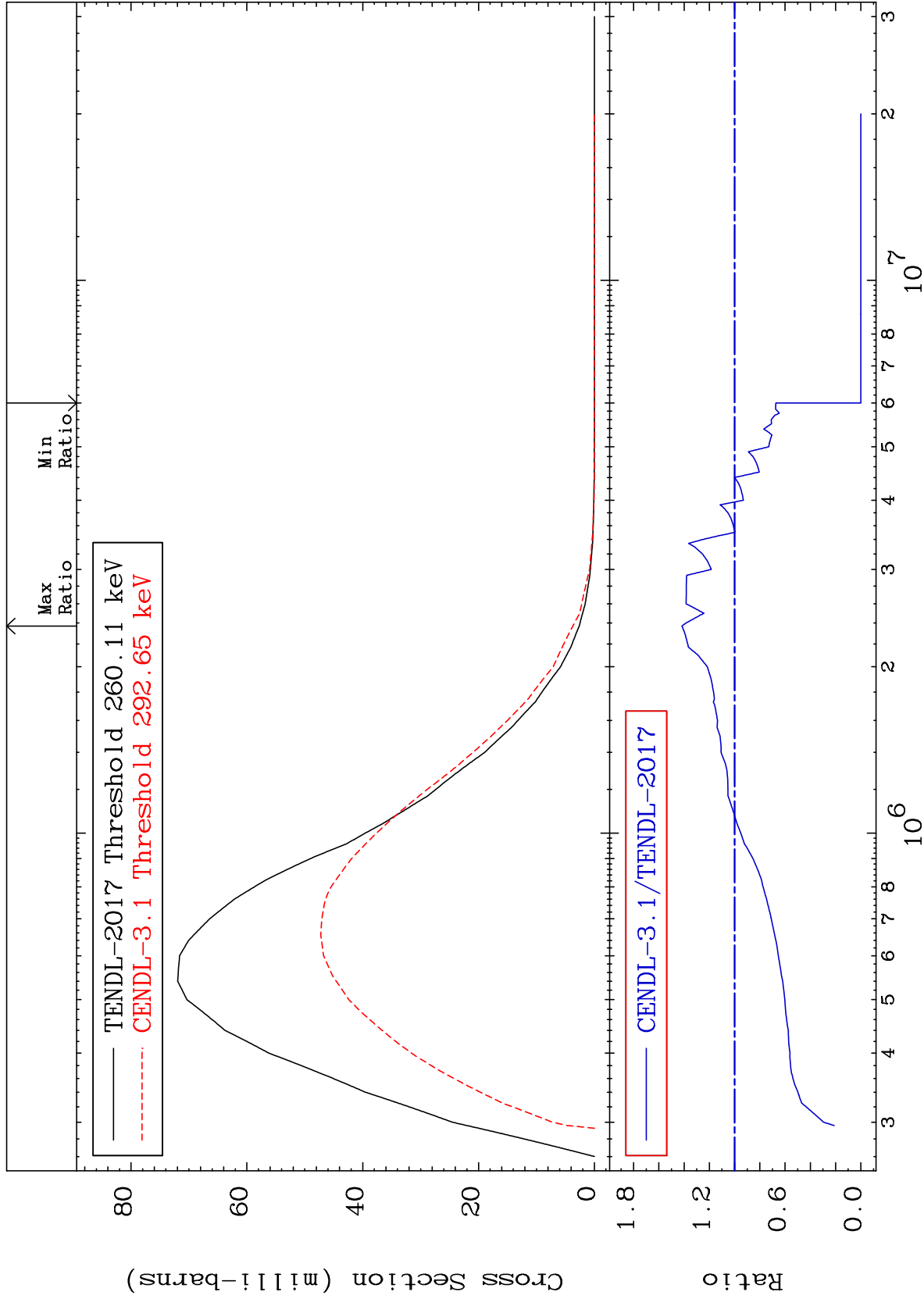
MAT 9228      249.1 keV (n,n') Level      92-U -235  
 Cross Section      -15.01 To 70.34 %



MAT 9228

259.0 keV (n,n') Level  
Cross Section

92-U -235  
-100.0 To 41.70 %



20

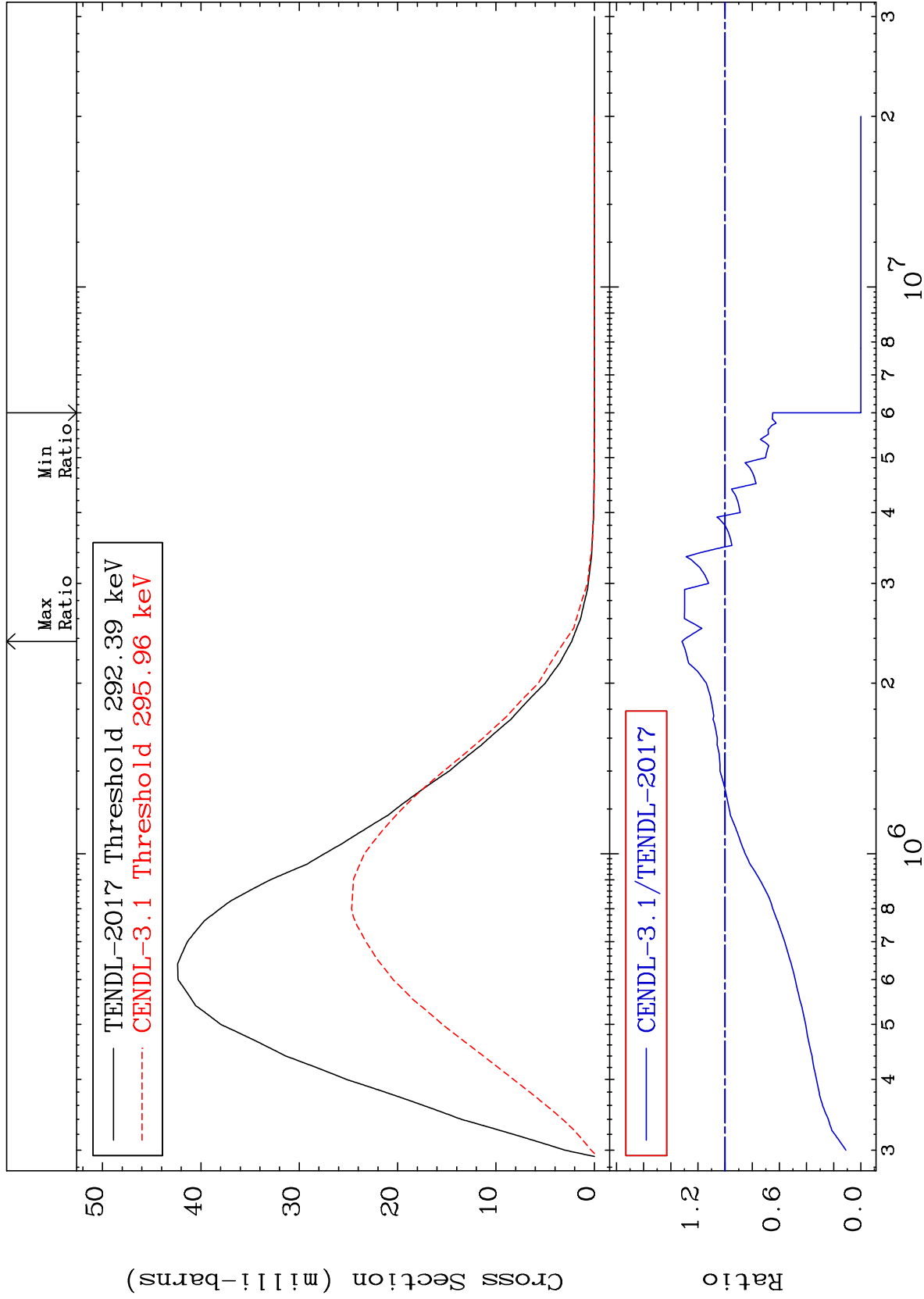
Incident Energy (eV)

92-U -235

MAT 9228

291.1 keV (n,n') Level  
Cross Section

92-U -235  
-100.0 To 31.78 %



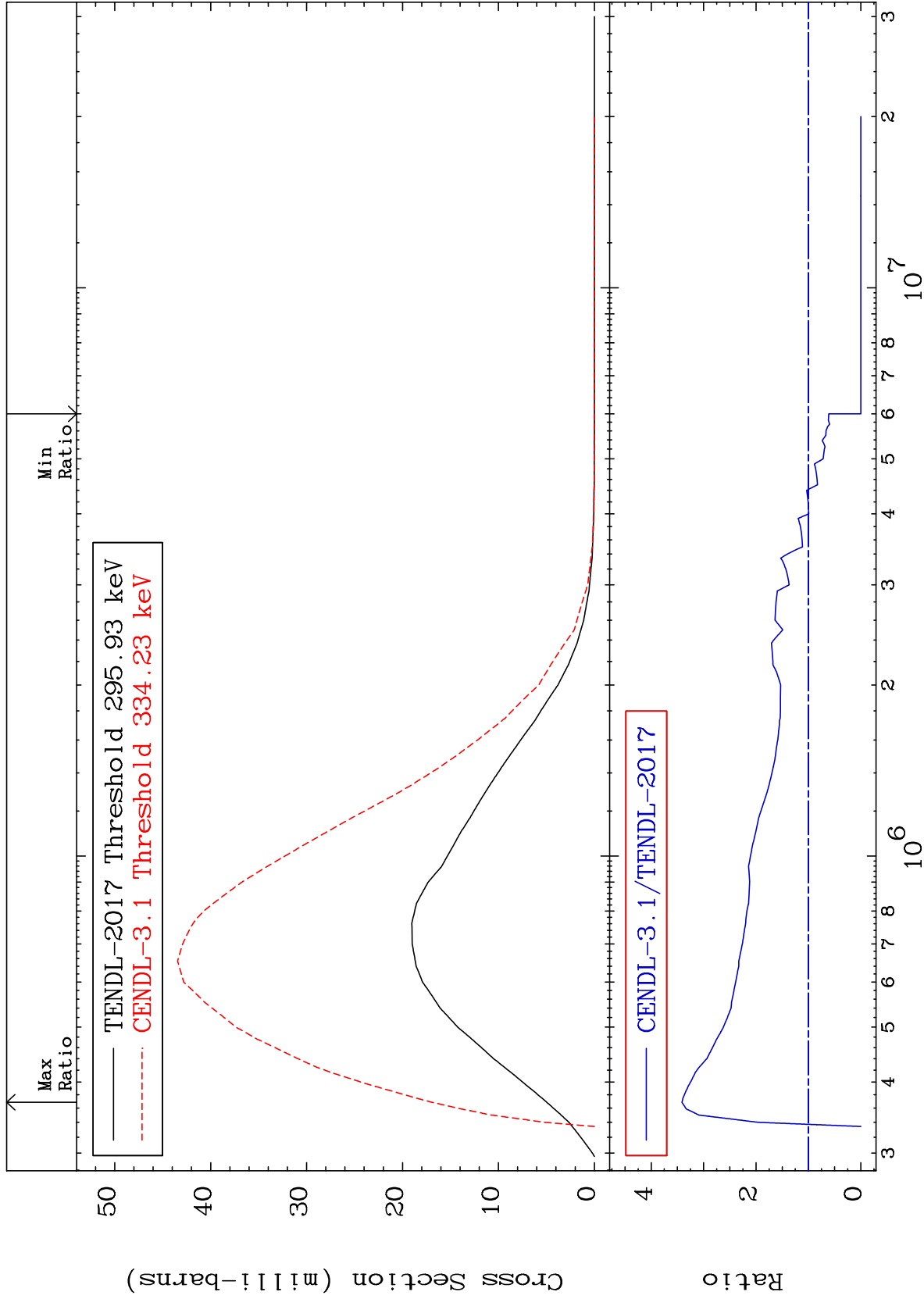
21

Incident Energy (eV)

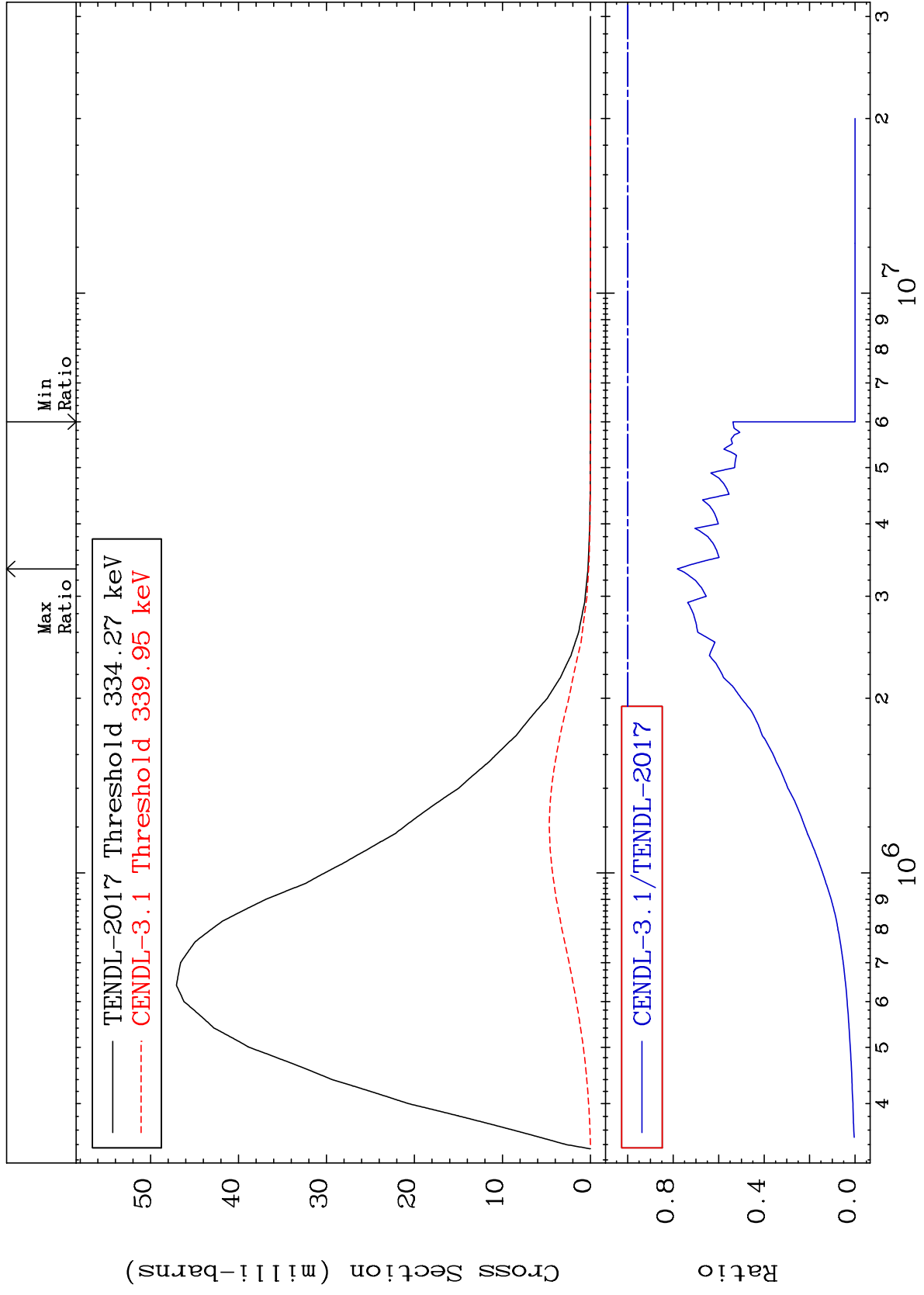
92-U -235



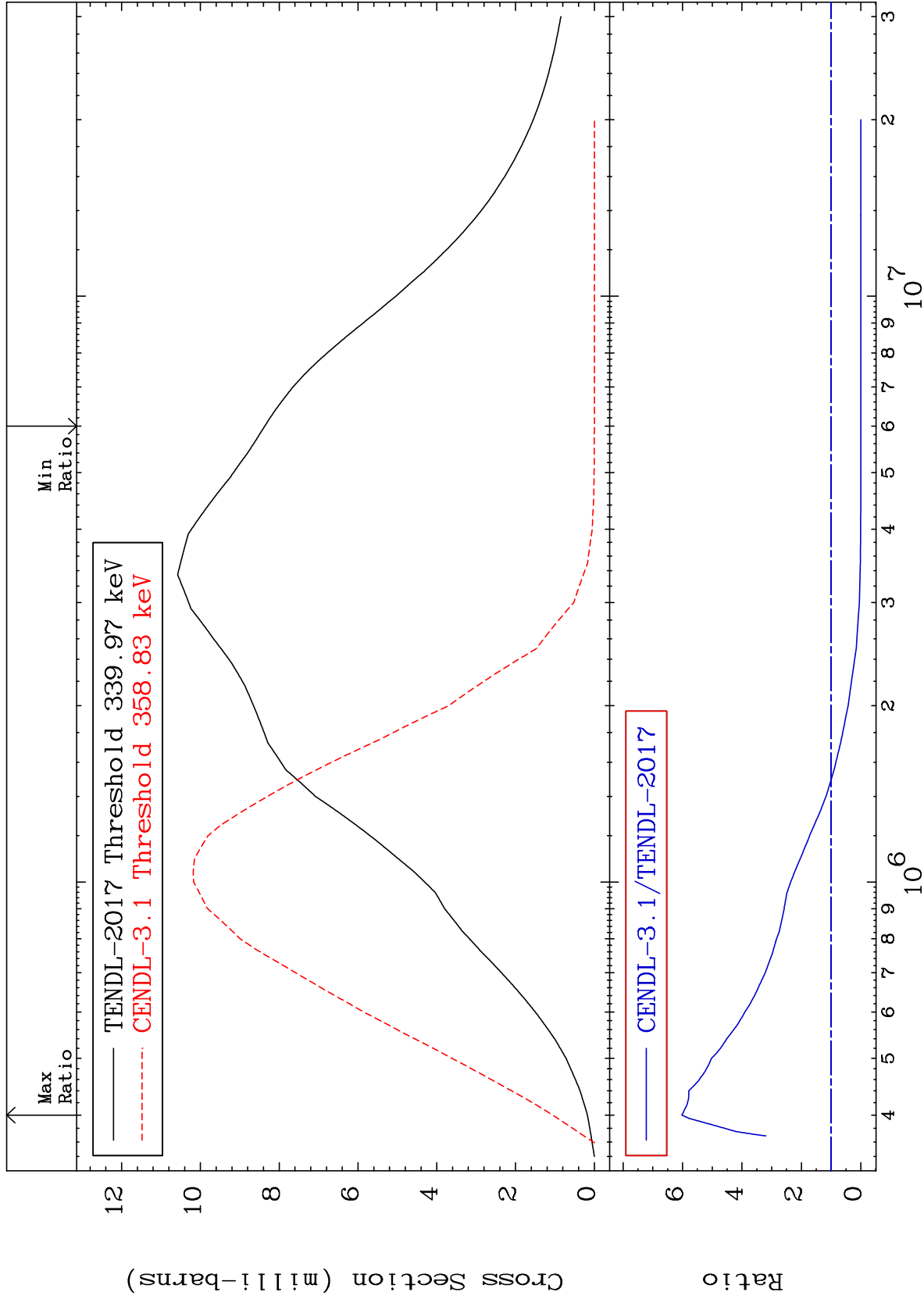
MAT 9228      294.7 keV (n,n') Level      92-U -235  
 Cross Section      -100.0 To 241.3 %



MAT 9228      332.8 keV (n,n') Level      92-U -235  
 -100.0 To -21.82%



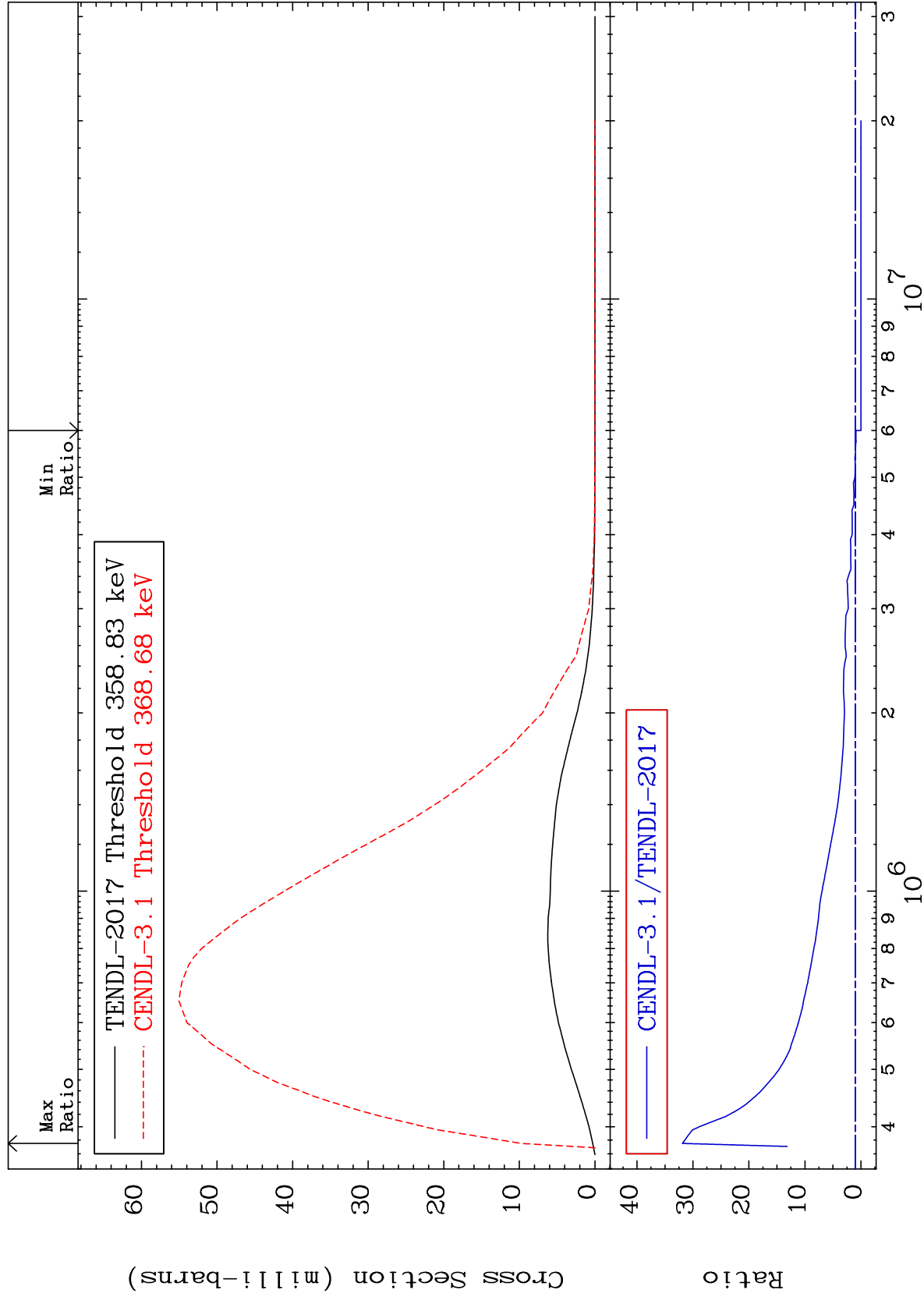
MAT 9228      338.5 keV (n,n') Level      92-U -235  
 Cross Section      -100.0 To 501.9 %



MAT 9228

357.3 keV (n,n') Level  
Cross Section

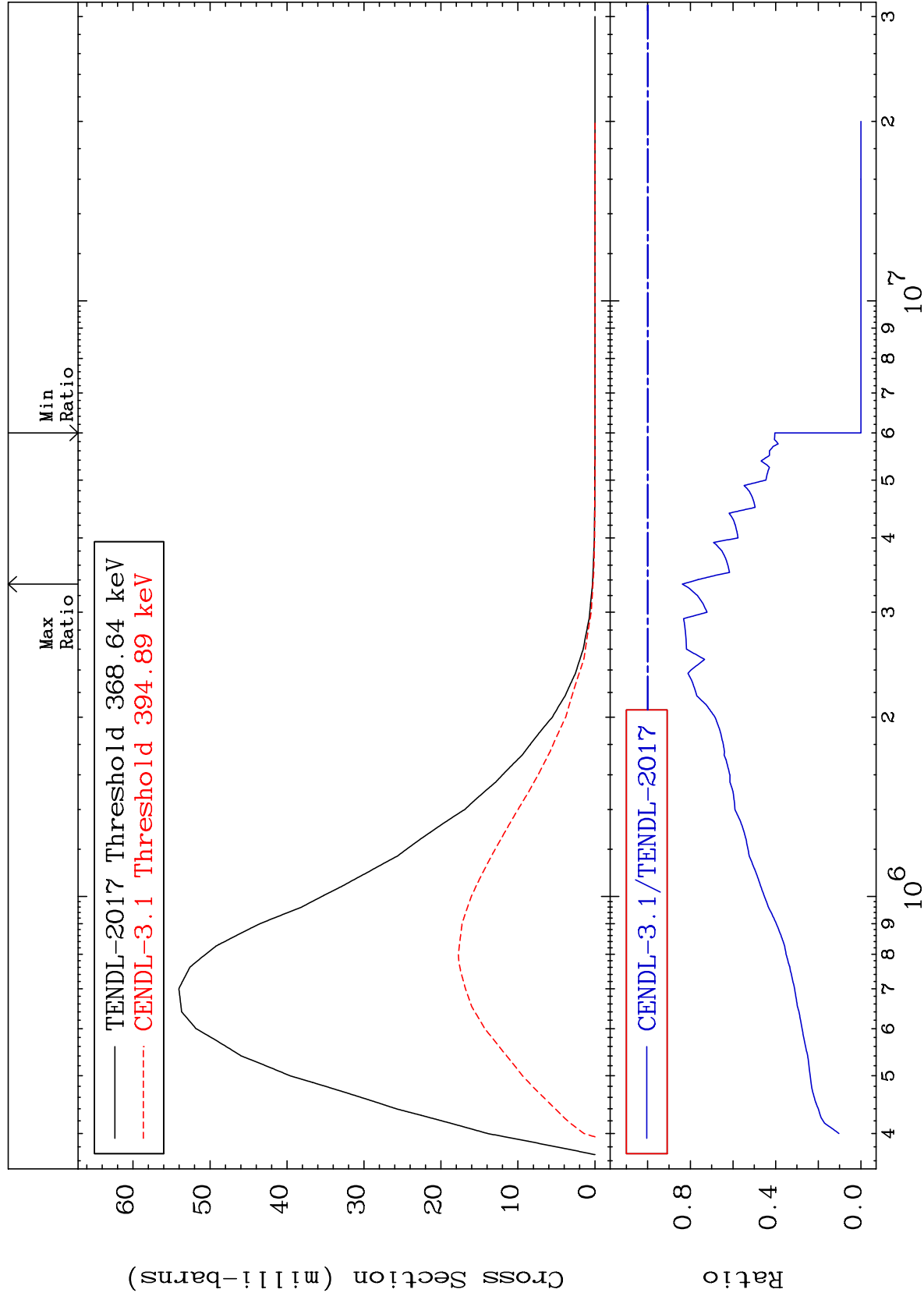
92-U -235  
-100.0 To 3089. %



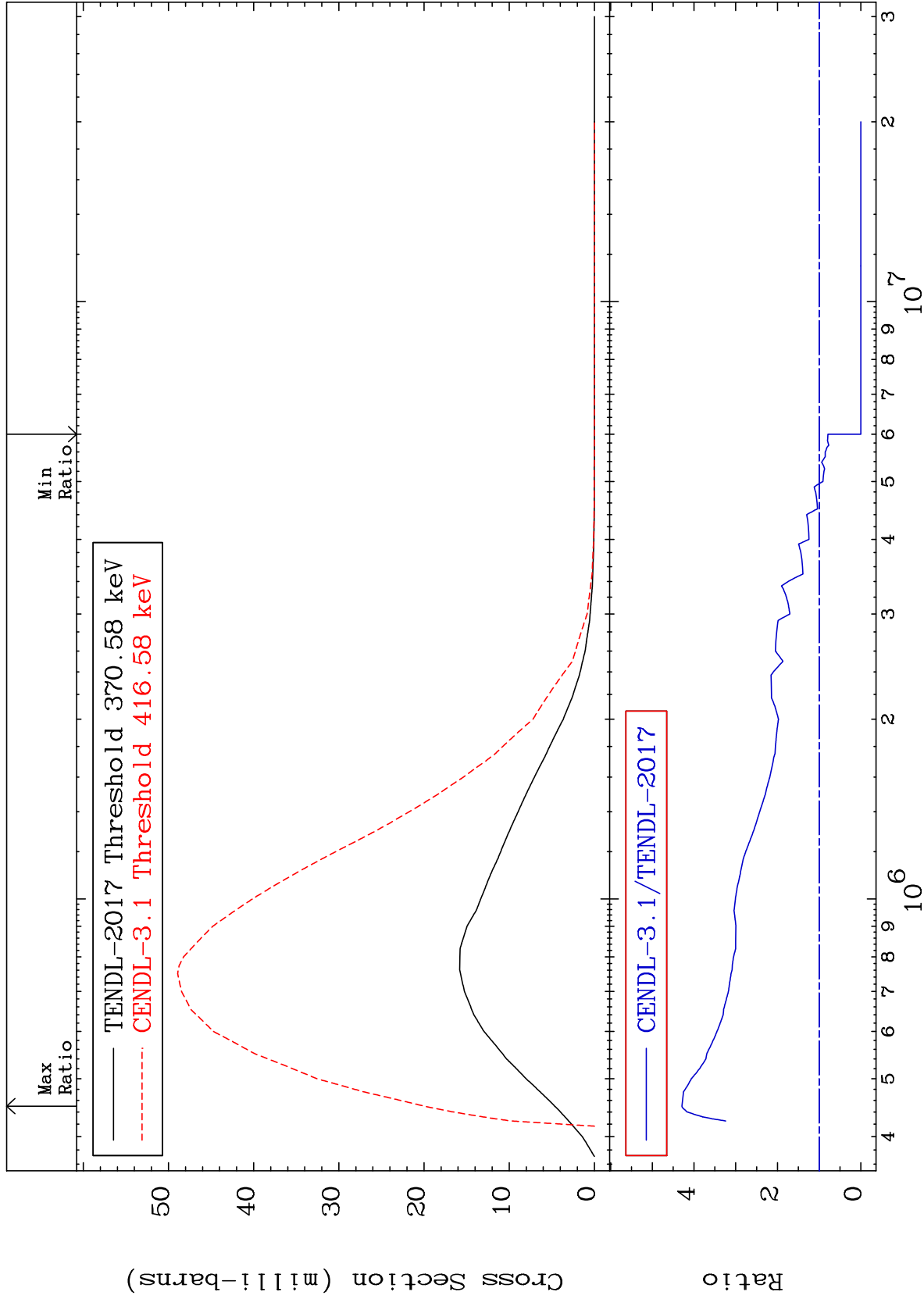
MAT 9228

367.1 keV (n,n') Level  
Cross Section

92-U -235  
-100.0 To -16.26%



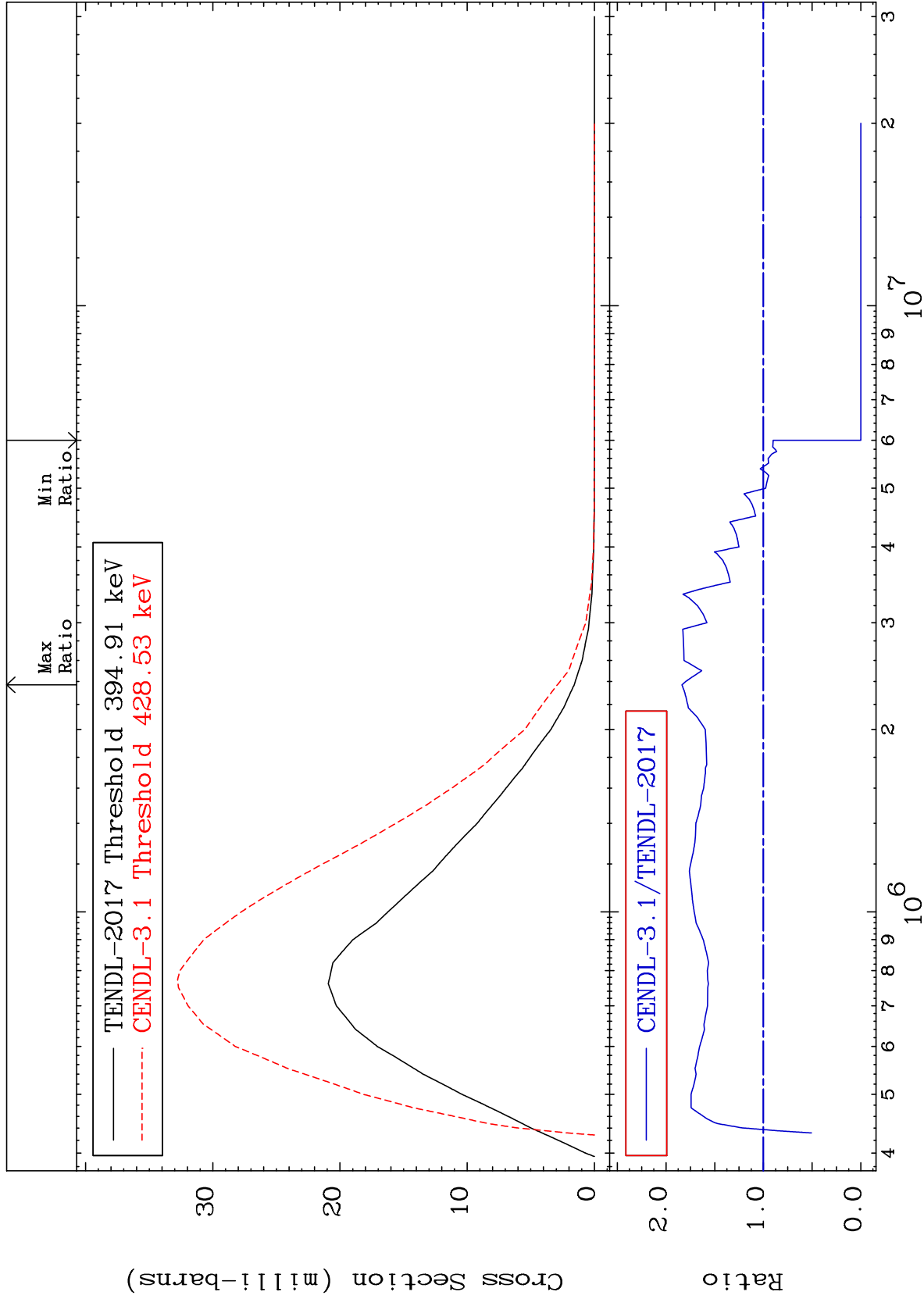
MAT 9228      369.0 keV (n,n') Level      92-U -235  
 Cross Section      -100.0 To 329.0 %



MAT 9228

393.2 keV (n,n') Level  
Cross Section

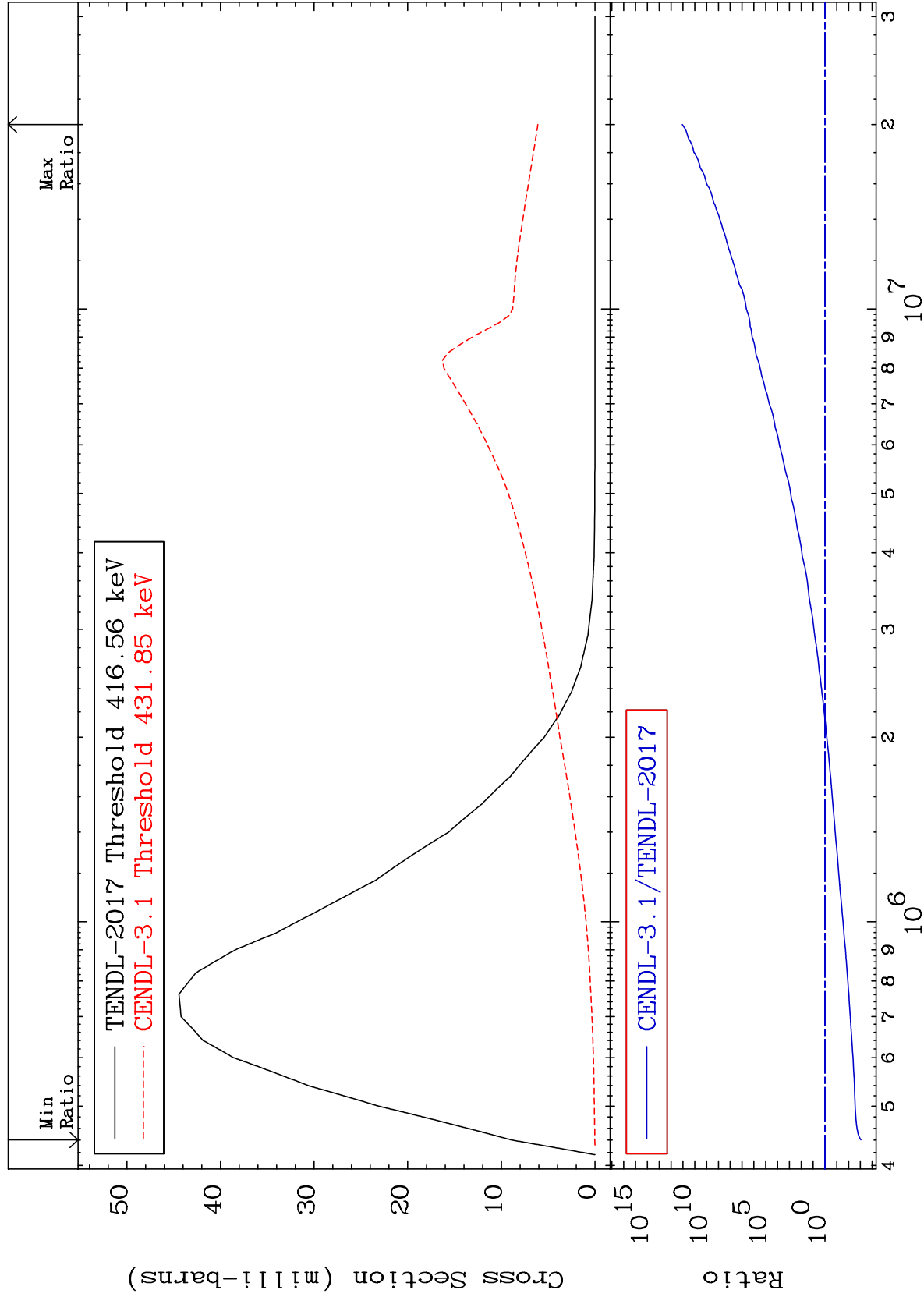
92-U -235  
-100.0 To 83.64 %



MAT 9228

414.8 keV (n,n') Level  
Cross Section

92-U -235  
-99.91 To 9999. %

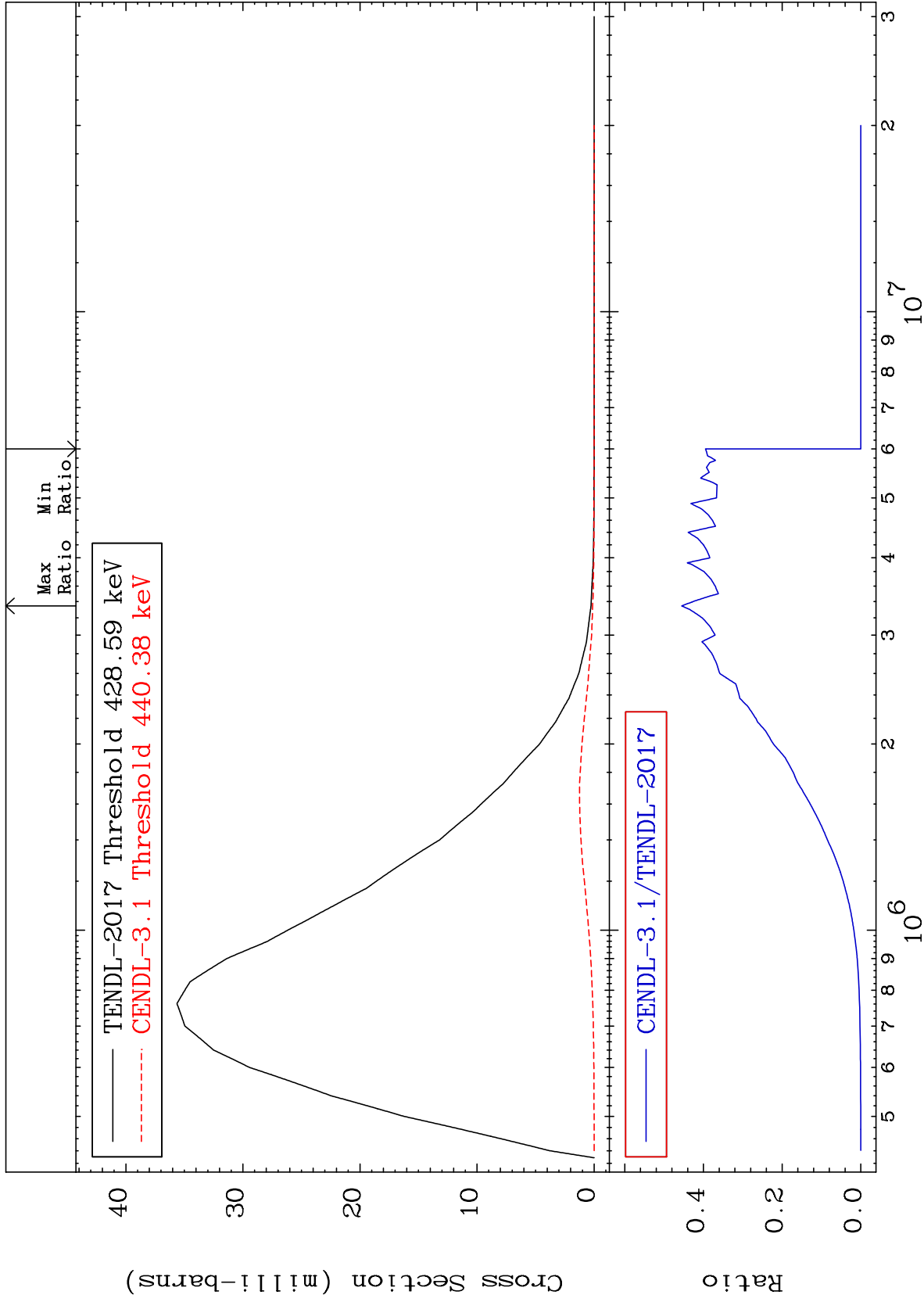




MAT 9228

426.8 keV (n,n') Level  
Cross Section

92-U -235  
-100.0 To -54.48%



30

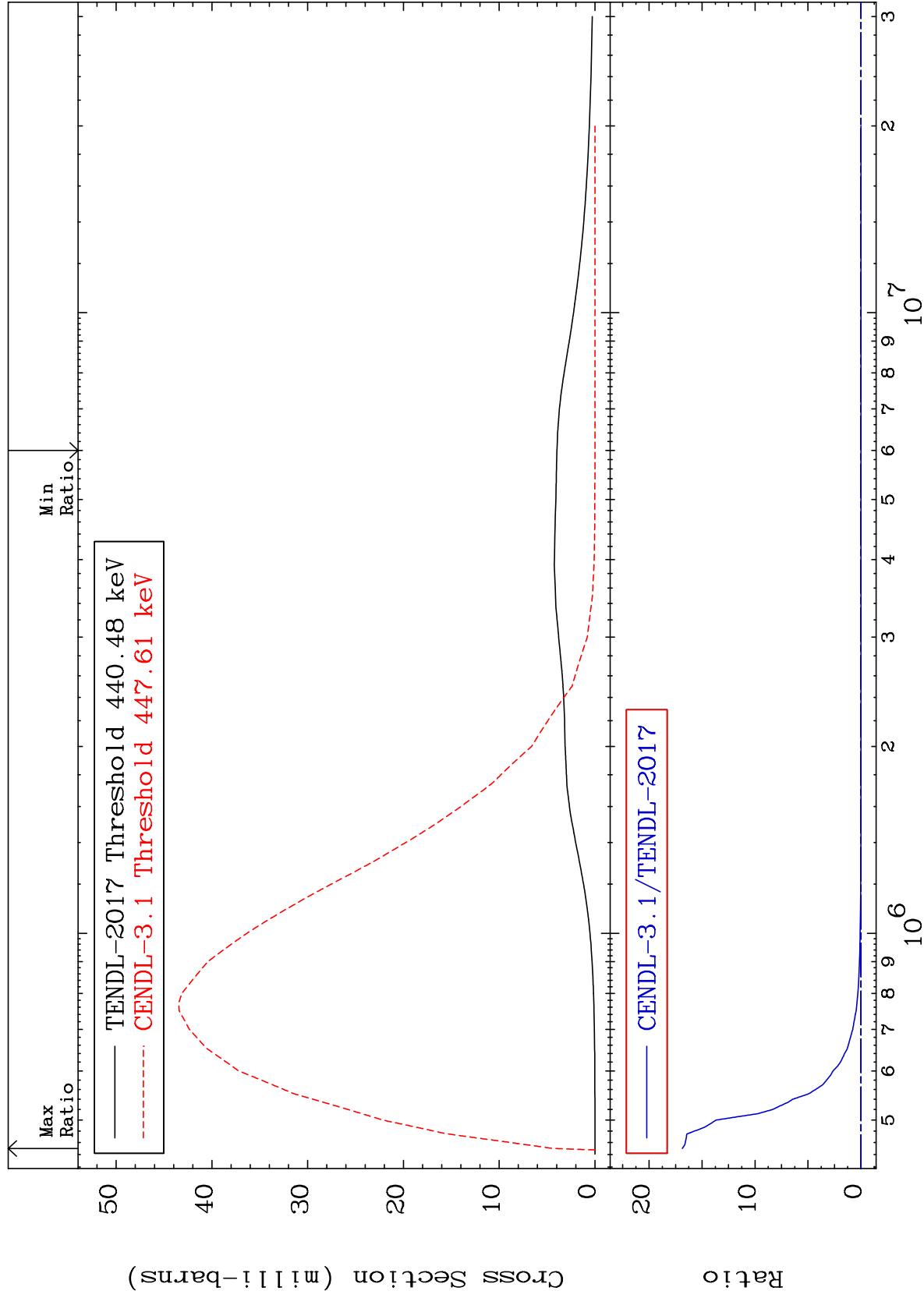
Incident Energy (eV)

92-U -235

MAT 9228

438.6 keV (n,n') Level  
Cross Section

92-U -235  
-100.0 To 9999. %



31

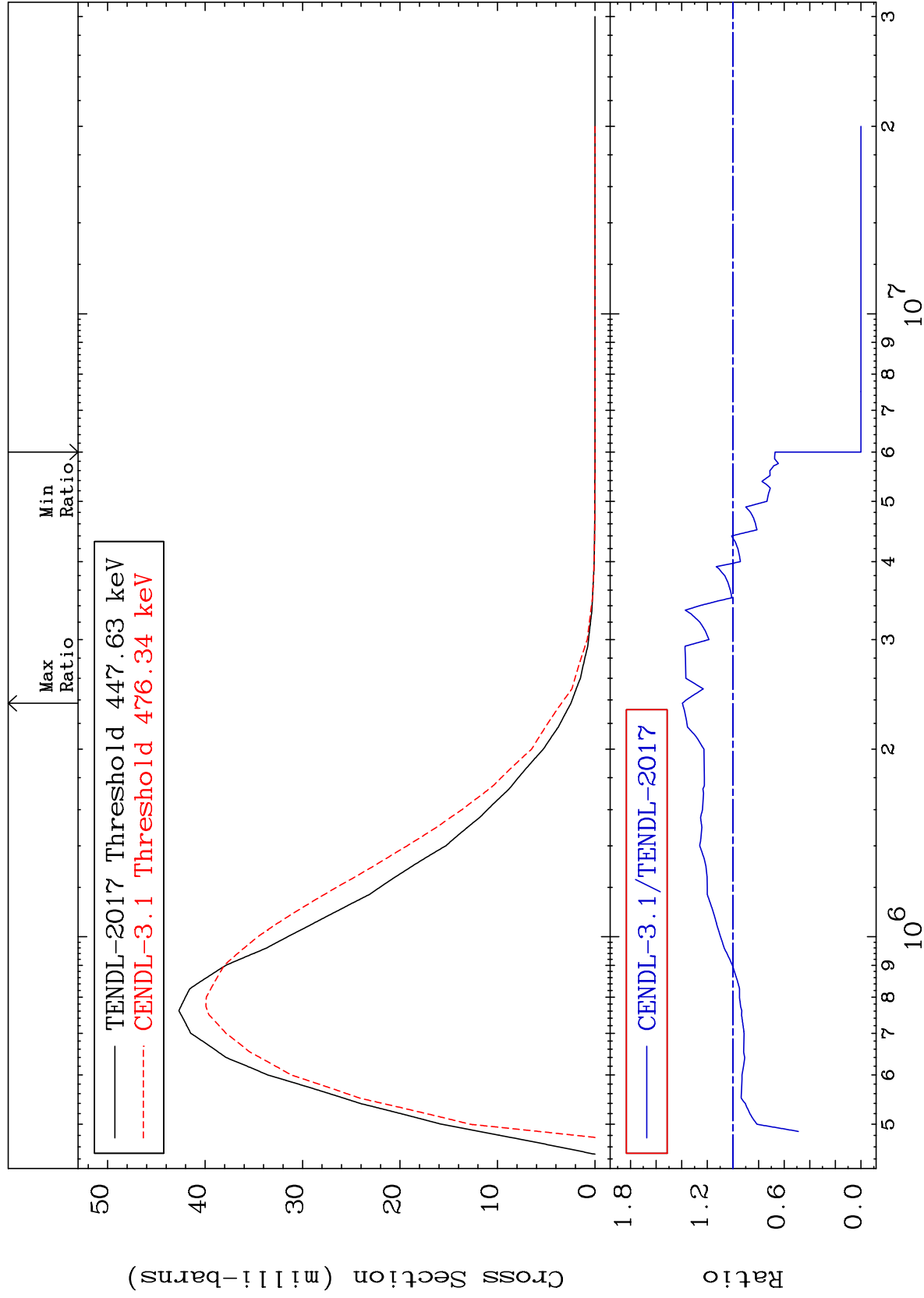
Incident Energy (eV)

92-U -235

MAT 9228

445.7 keV (n,n') Level  
Cross Section

92-U -235  
-100.0 To 39.50 %

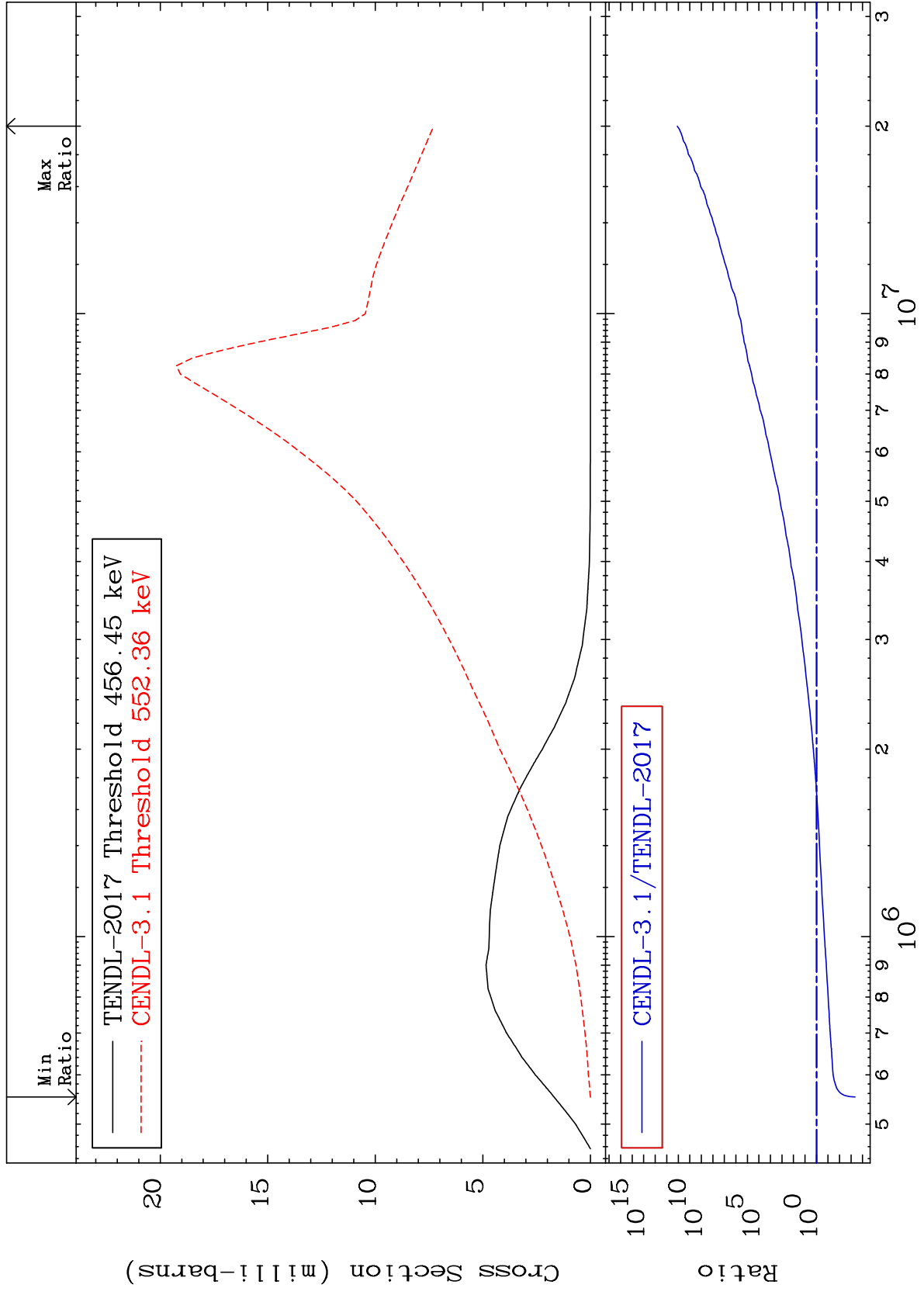


32

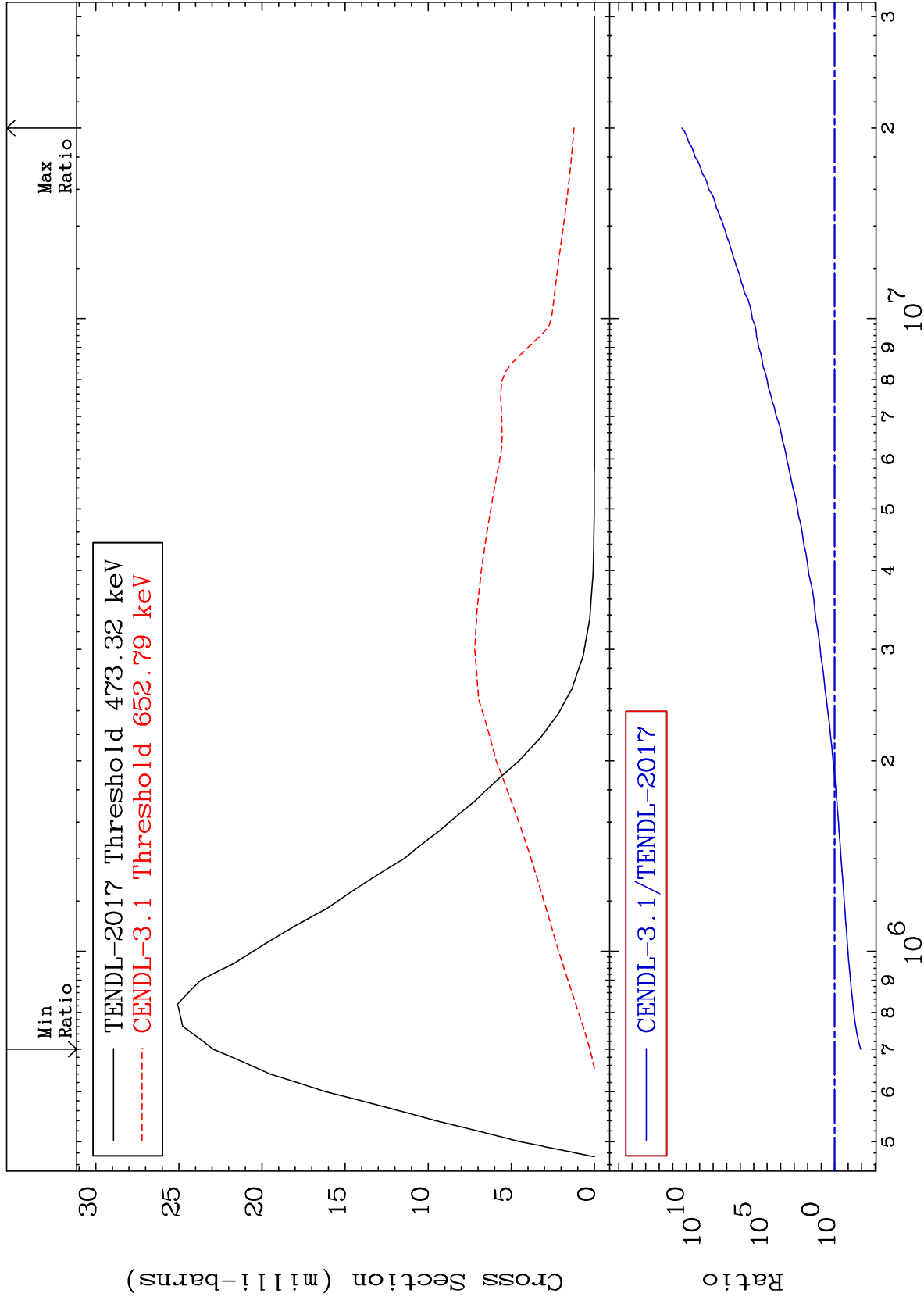
Incident Energy (eV)

92-U -235

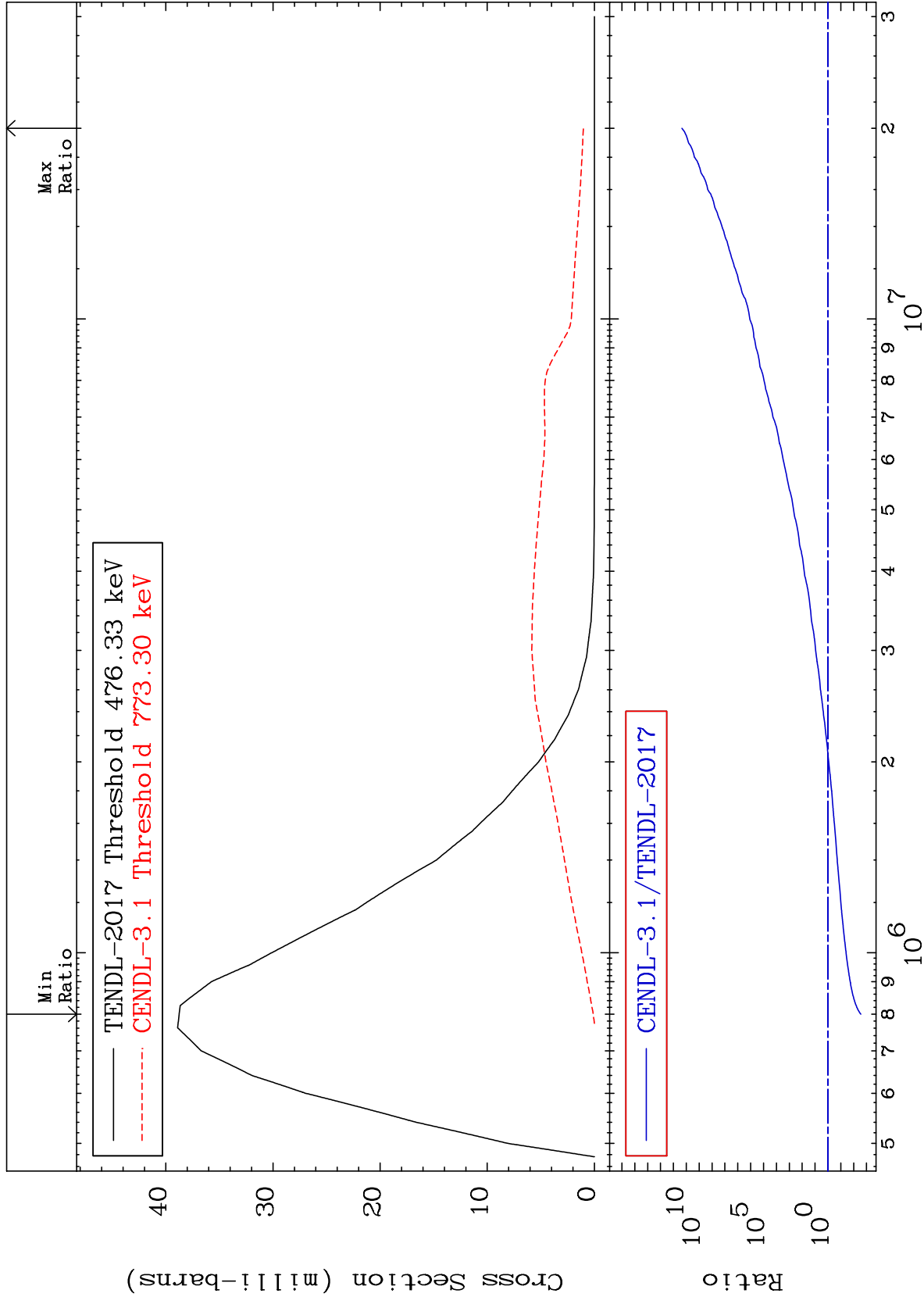
MAT 9228      454.5 keV (n,n') Level      92-U -235  
 Cross Section      -99.96 To 9999. %



MAT 9228      471.3 keV (n,n') Level      92-U -235  
 Cross Section      -98.85 To 9999. %



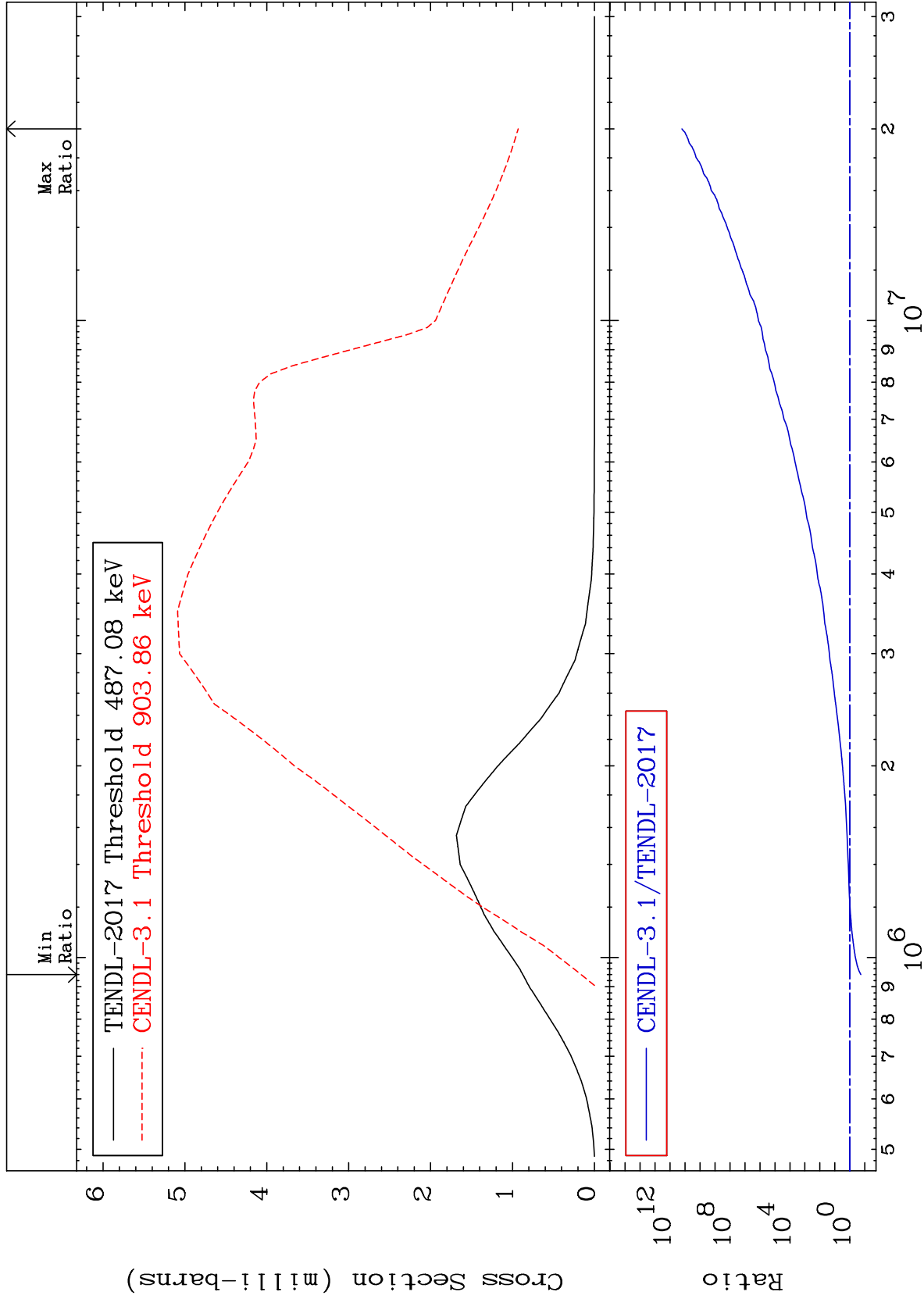
MAT 9228 474.3 keV (n,n') Level Cross Section 92-U -235 -99.72 To 9999. %



MAT 9228

485.0 keV (n,n') Level  
Cross Section

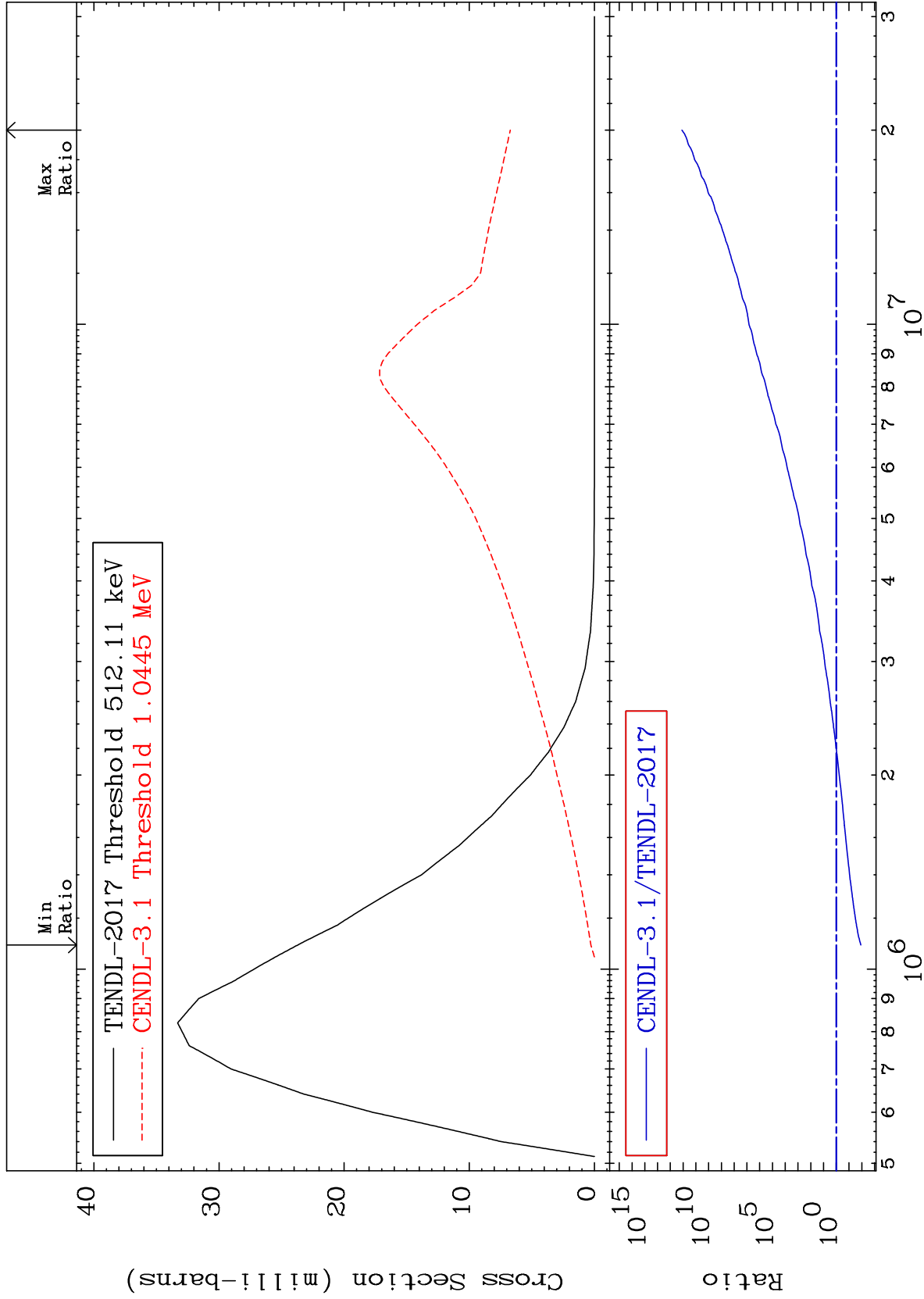
92-U -235  
-81.47 To 9999. %



36

92-U -235

MAT 9228      509.9 keV (n,n') Level Cross Section      92-U -235  
 -98.81 To 9999. %

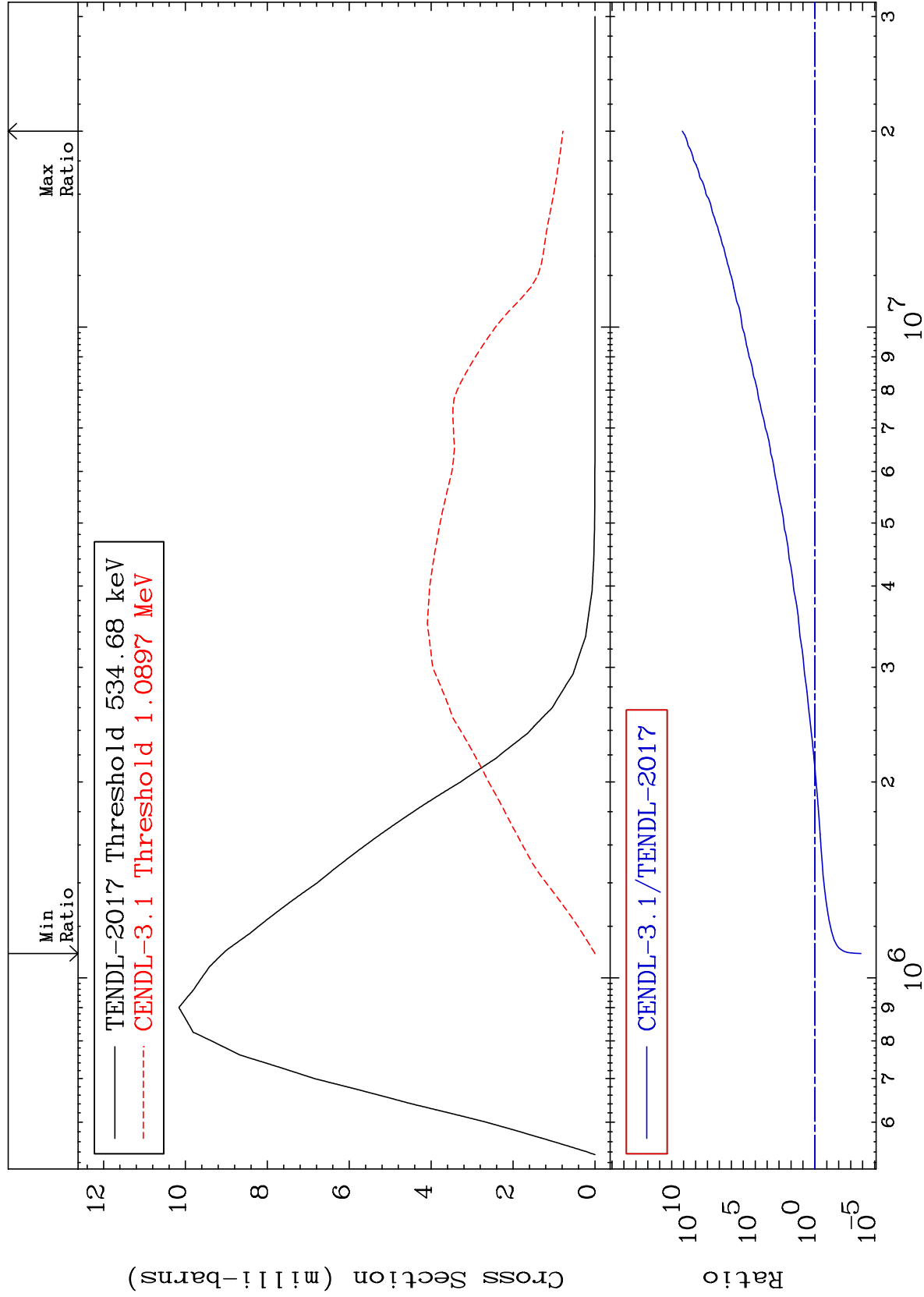




MAT 9228

532.4 keV (n,n') Level  
Cross Section

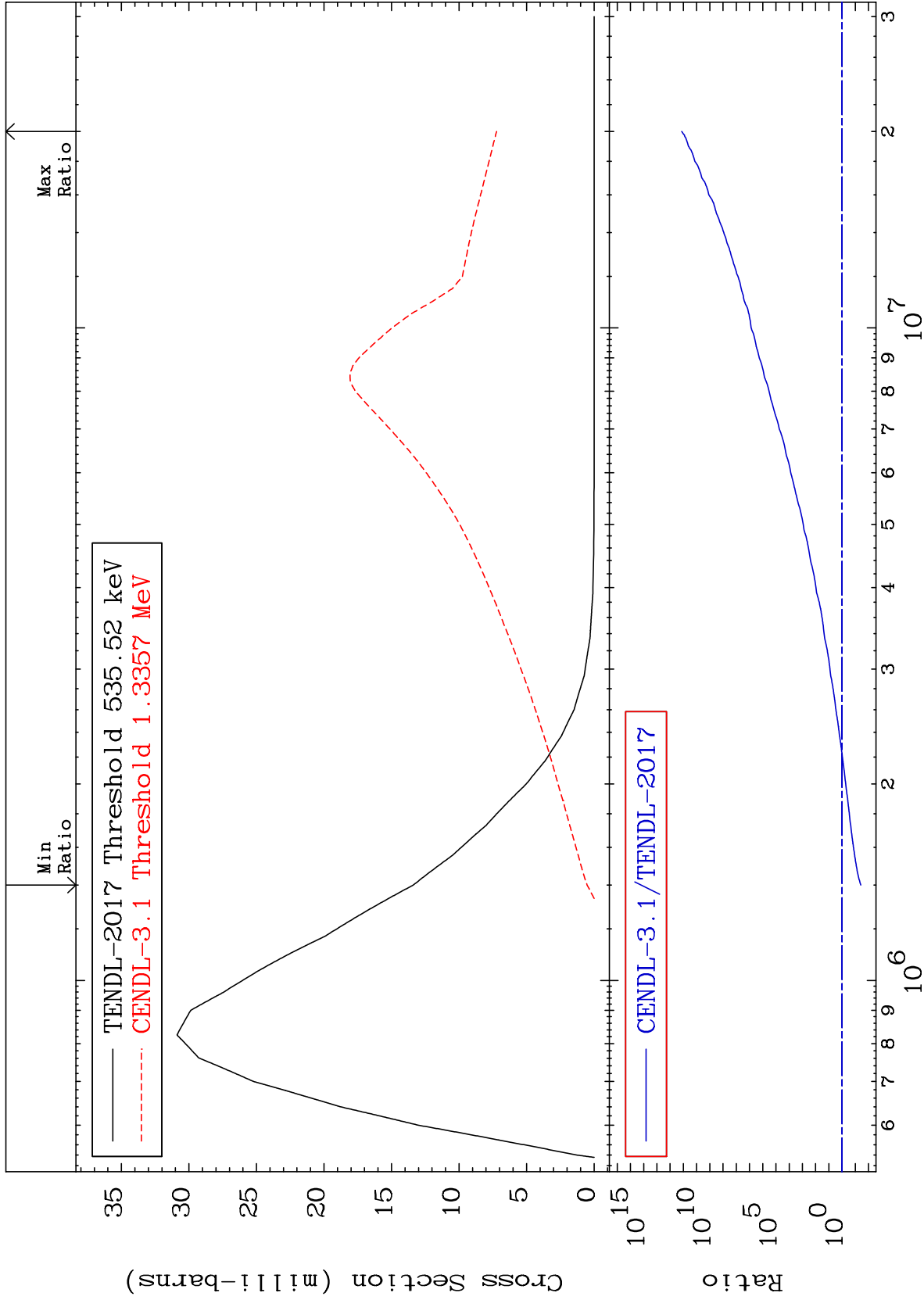
92-U -235  
-99.99 To 9999. %



MAT 9228

533.2 keV (n,n') Level  
Cross Section

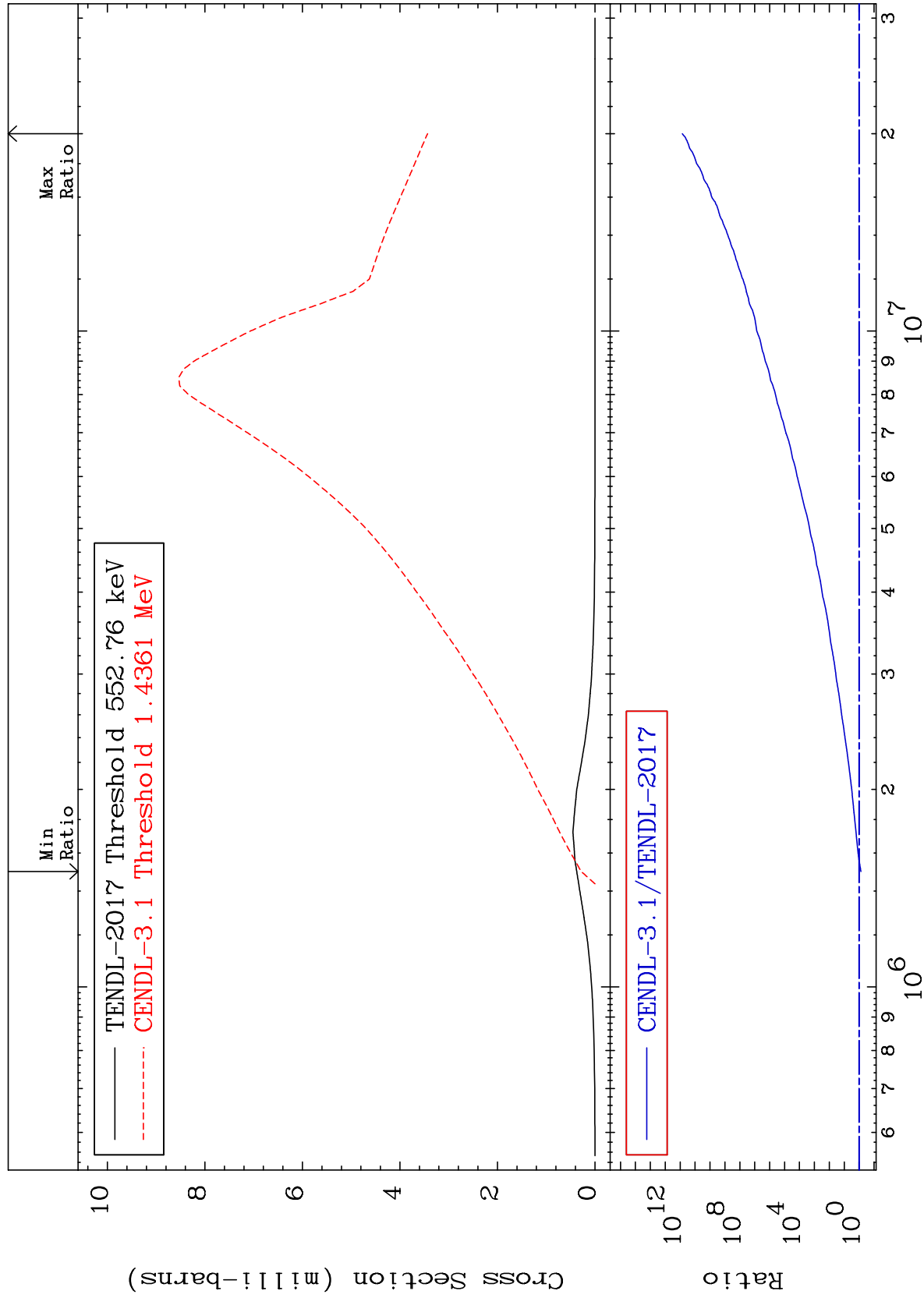
92-U -235  
-96.14 To 9999. %



MAT 9228

550.4 keV (n,n') Level  
Cross Section

92-U -235  
-24.01 To 9999. %



40

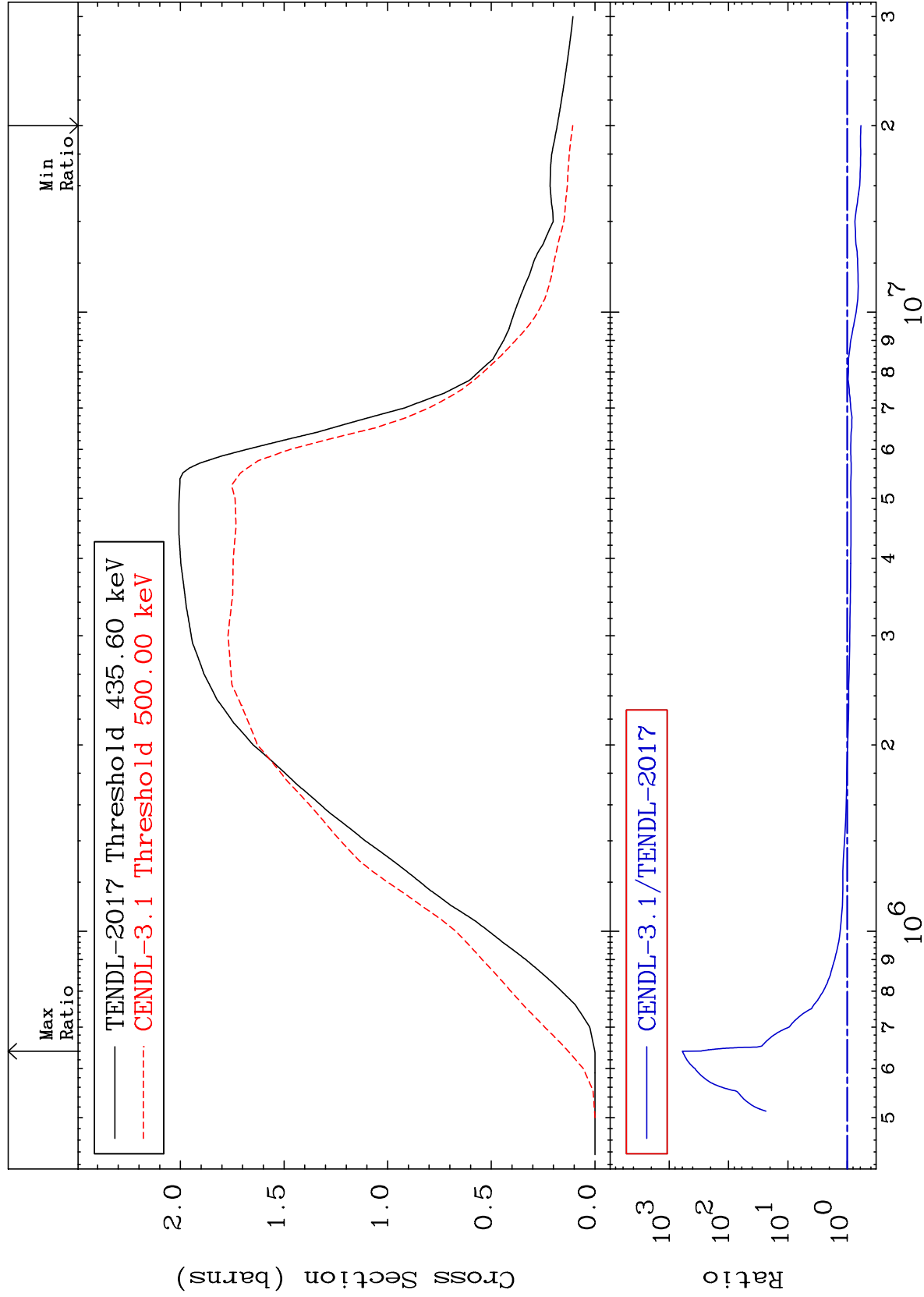
Incident Energy (eV)

92-U -235

MAT 9228

(n,n') Continuum  
Cross Section

92-U -235  
-41.28 To 9999. %

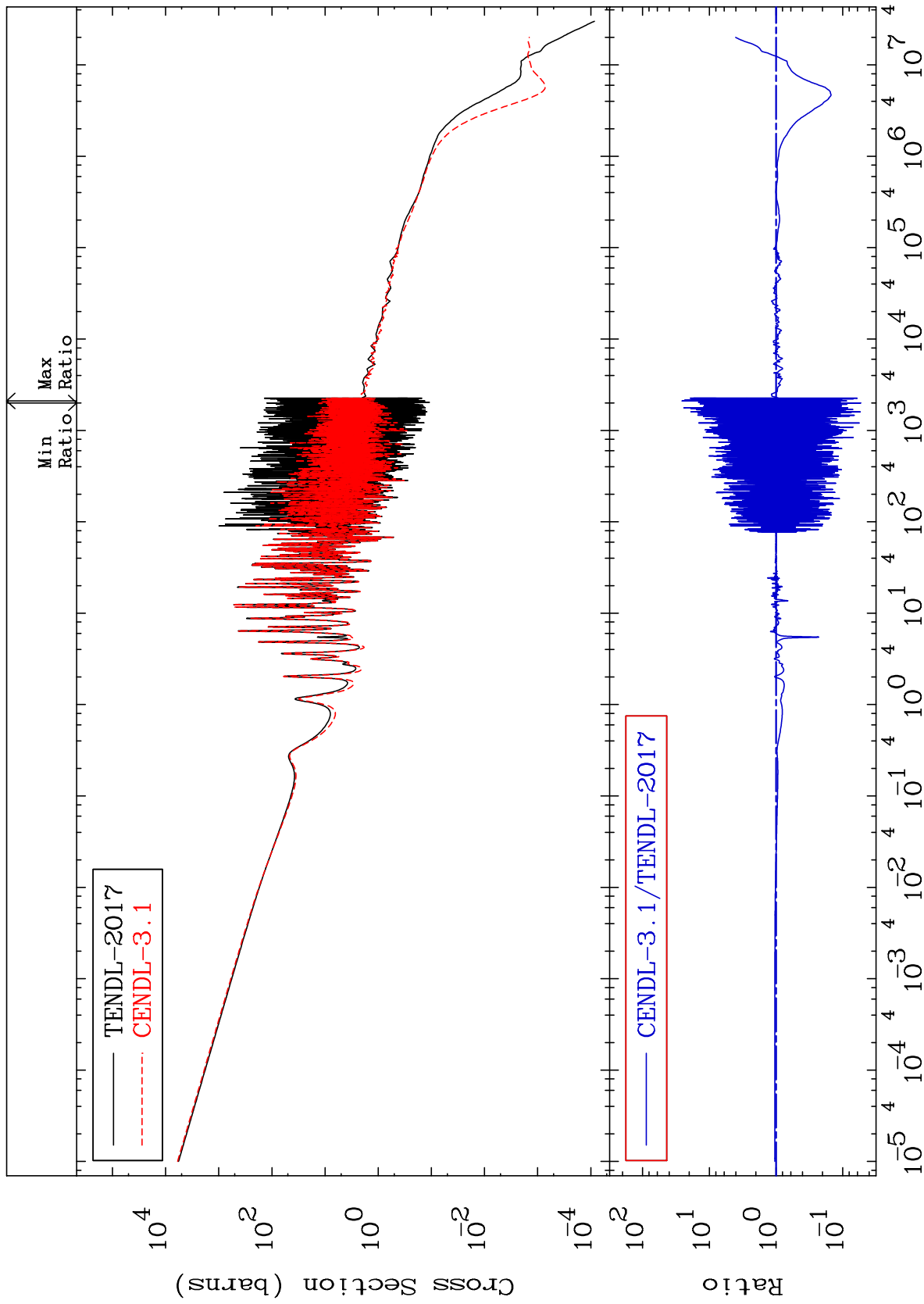


MAT 9228

(n,  $\gamma$ )

92-U -235  
-94.66 To 2472. %

Cross Section



42

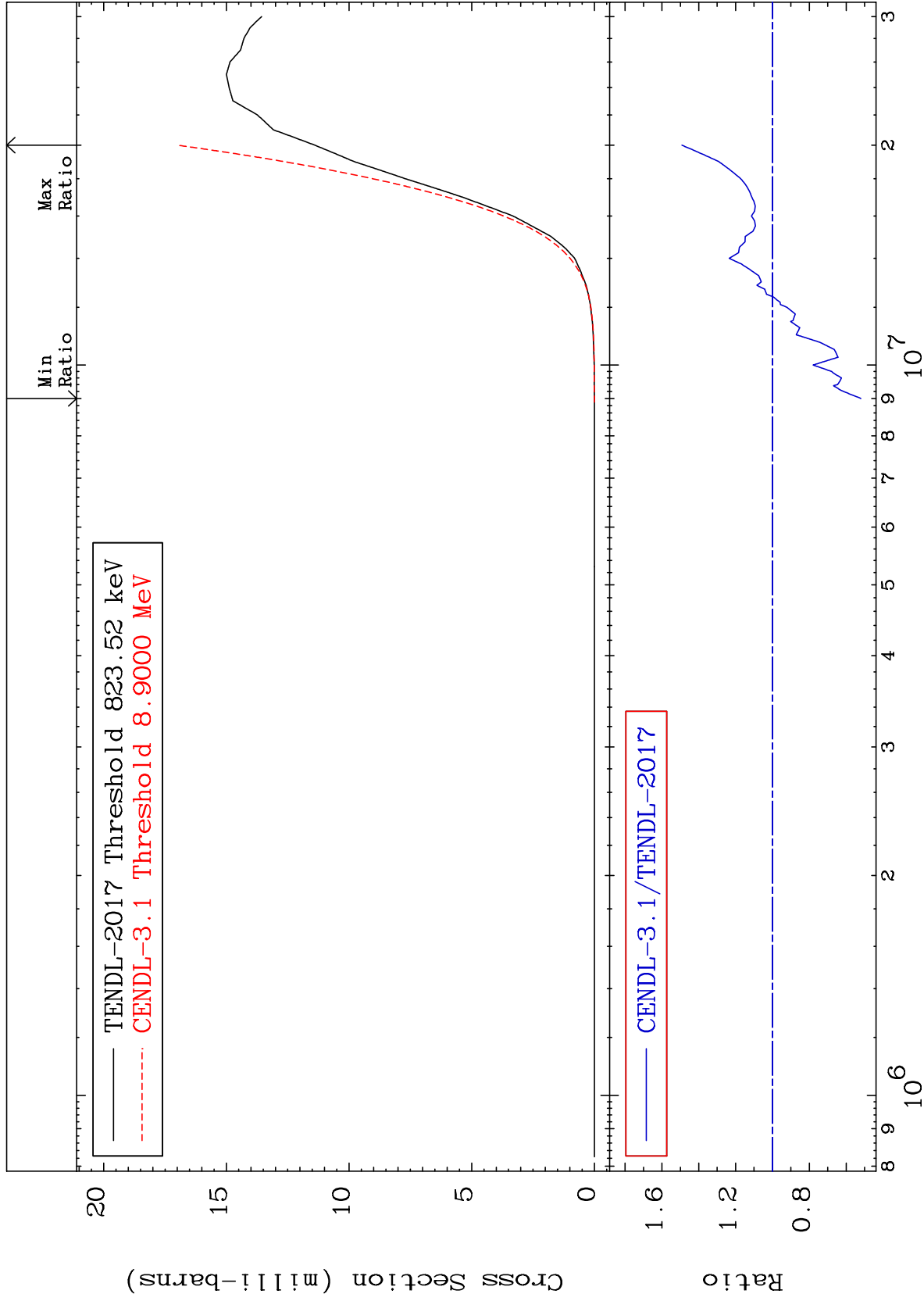
92-U -235

MAT 9228

(n,p)

Cross Section

92-U -235  
-47.95 To 49.13 %



43

Incident Energy (eV)

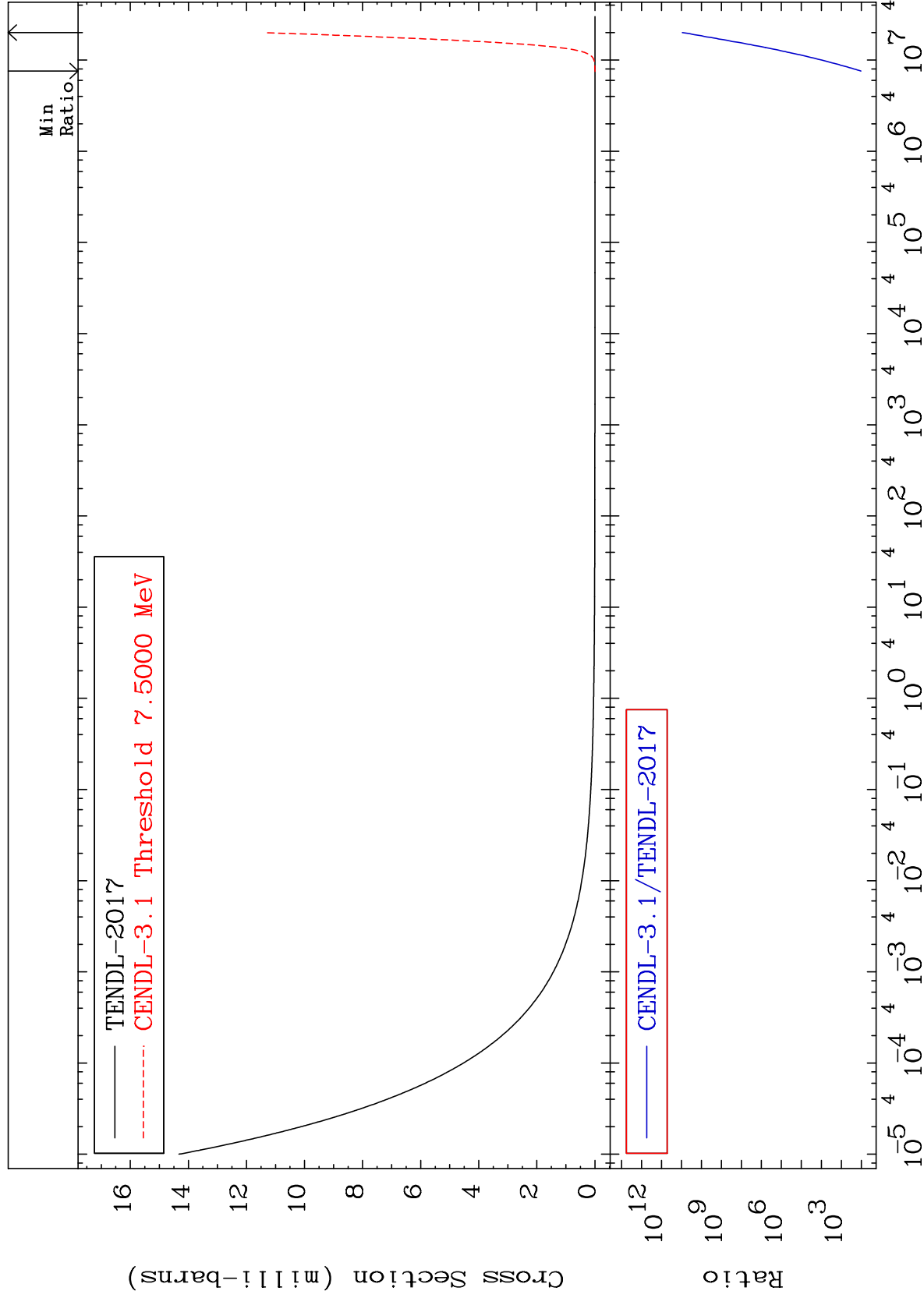
92-U -235

MAT 9228

(n,  $\alpha$ )

Cross Section

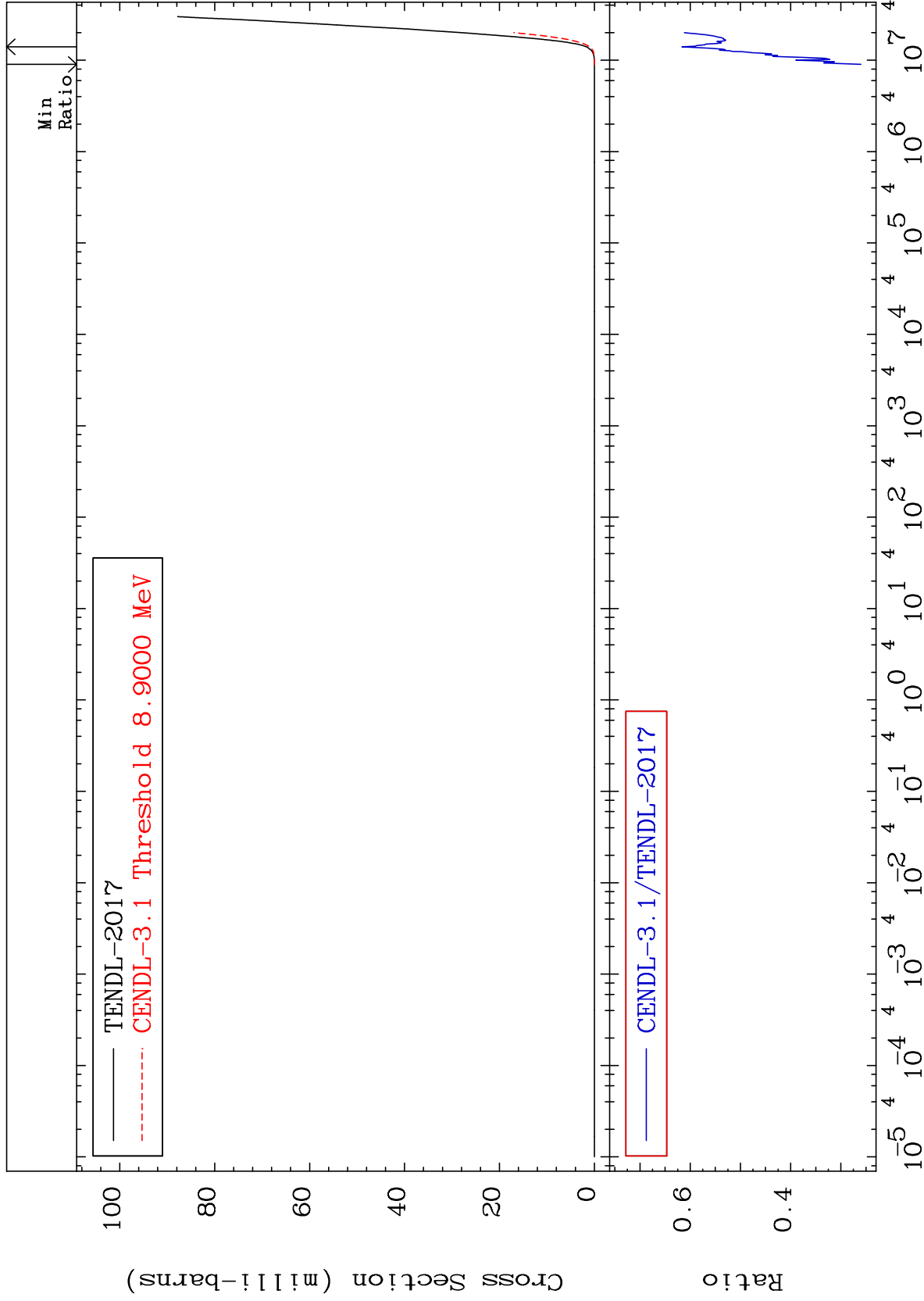
92-U -235  
9999. To 9999. %



MAT 9228

### Hydrogen Production Cross Section

92-U -235  
-73.98 To -38.36%

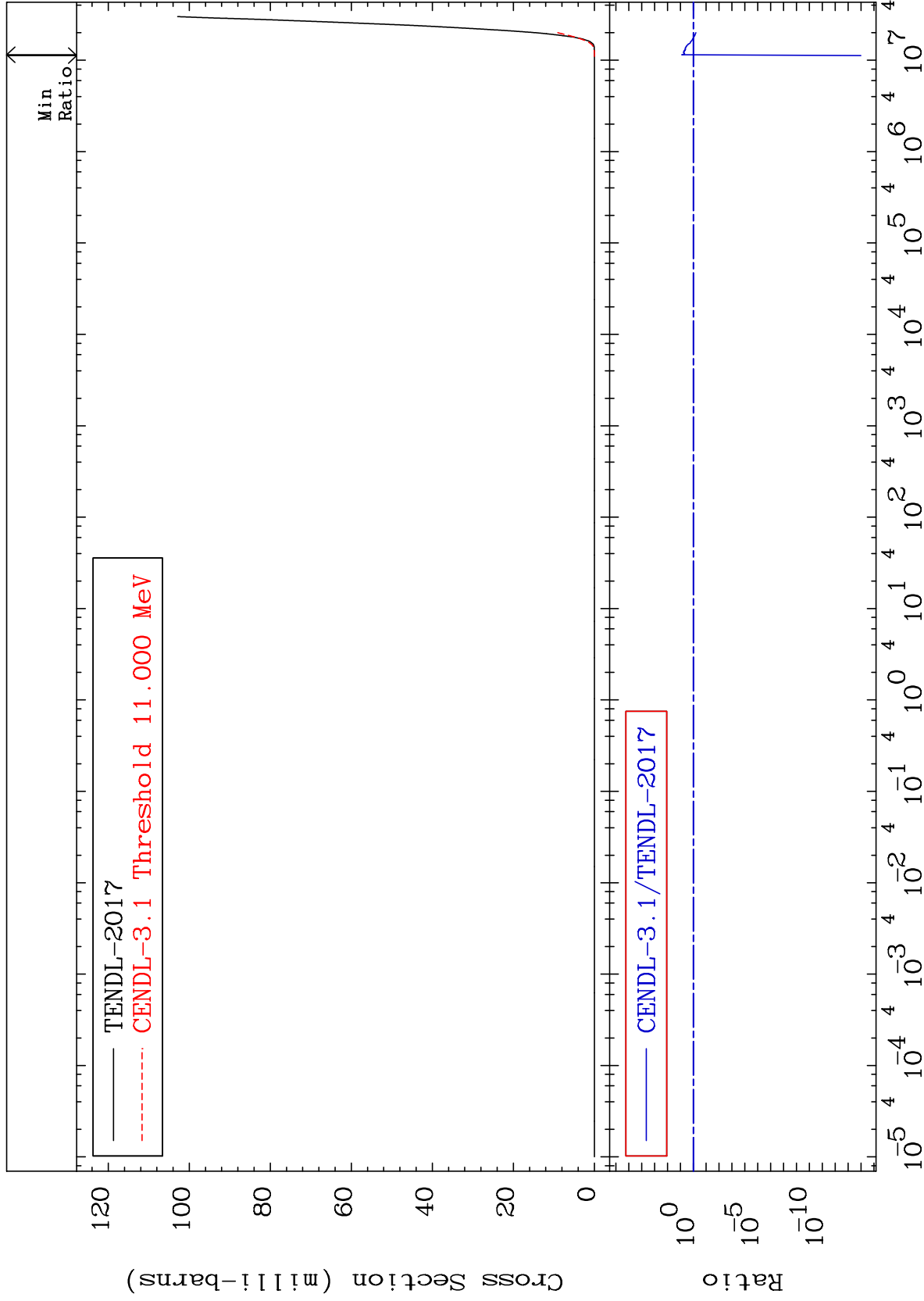




MAT 9228

Deuterium Production  
Cross Section

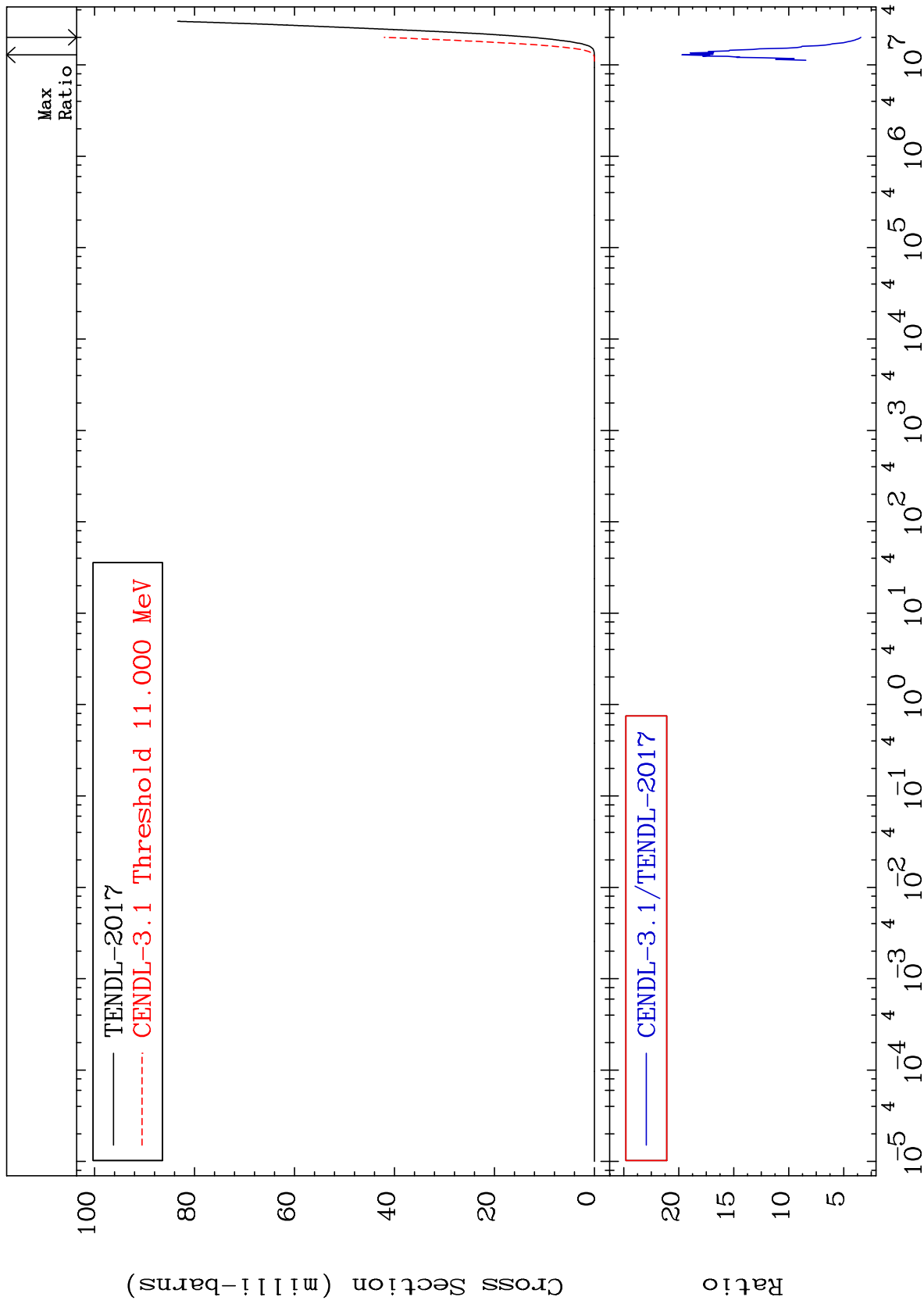
92-U -235  
-100.0 To 654.2 %



MAT 9228

Tritium Production  
Cross Section

92-U -235  
244.2 To 1871. %



47

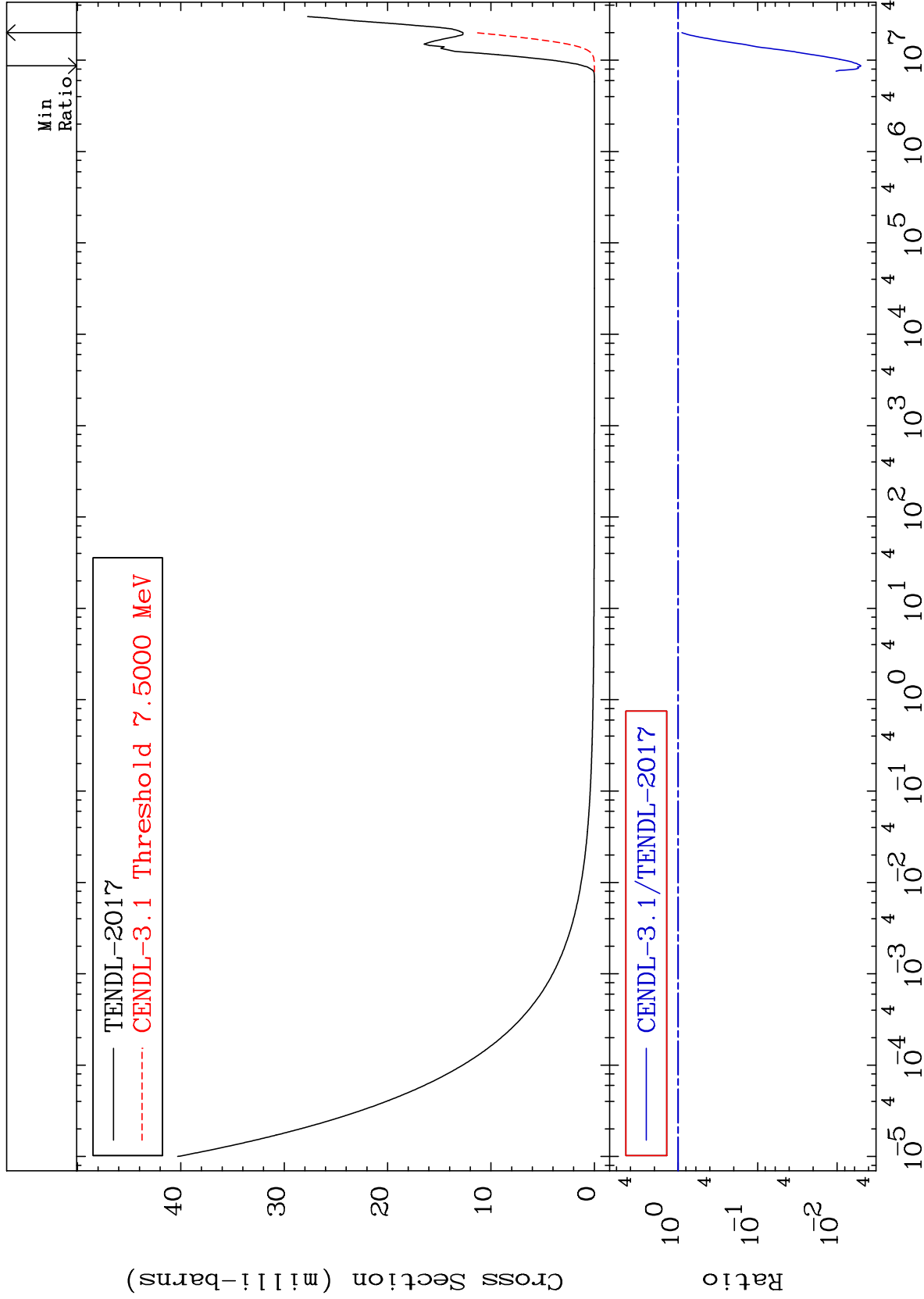
Incident Energy (eV)

92-U -235

MAT 9228

He-4 Production  
Cross Section

92-U -235  
-99.50 To -10.27%



48

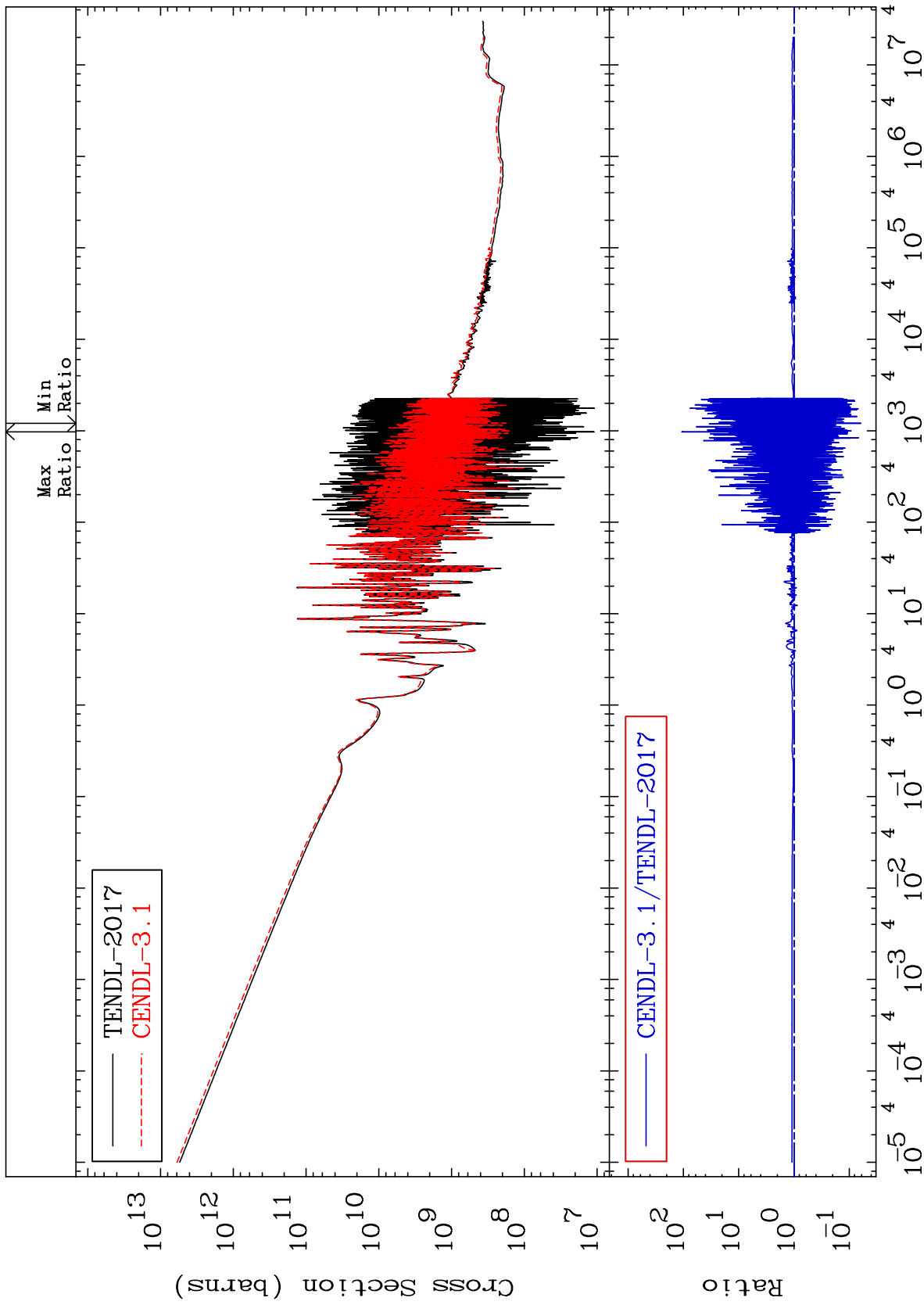
Incident Energy (eV)

92-U -235

MAT 9228

Kerma total (eV-barns)  
Cross Section

92-U -235  
-93.81 To 9999. %



49

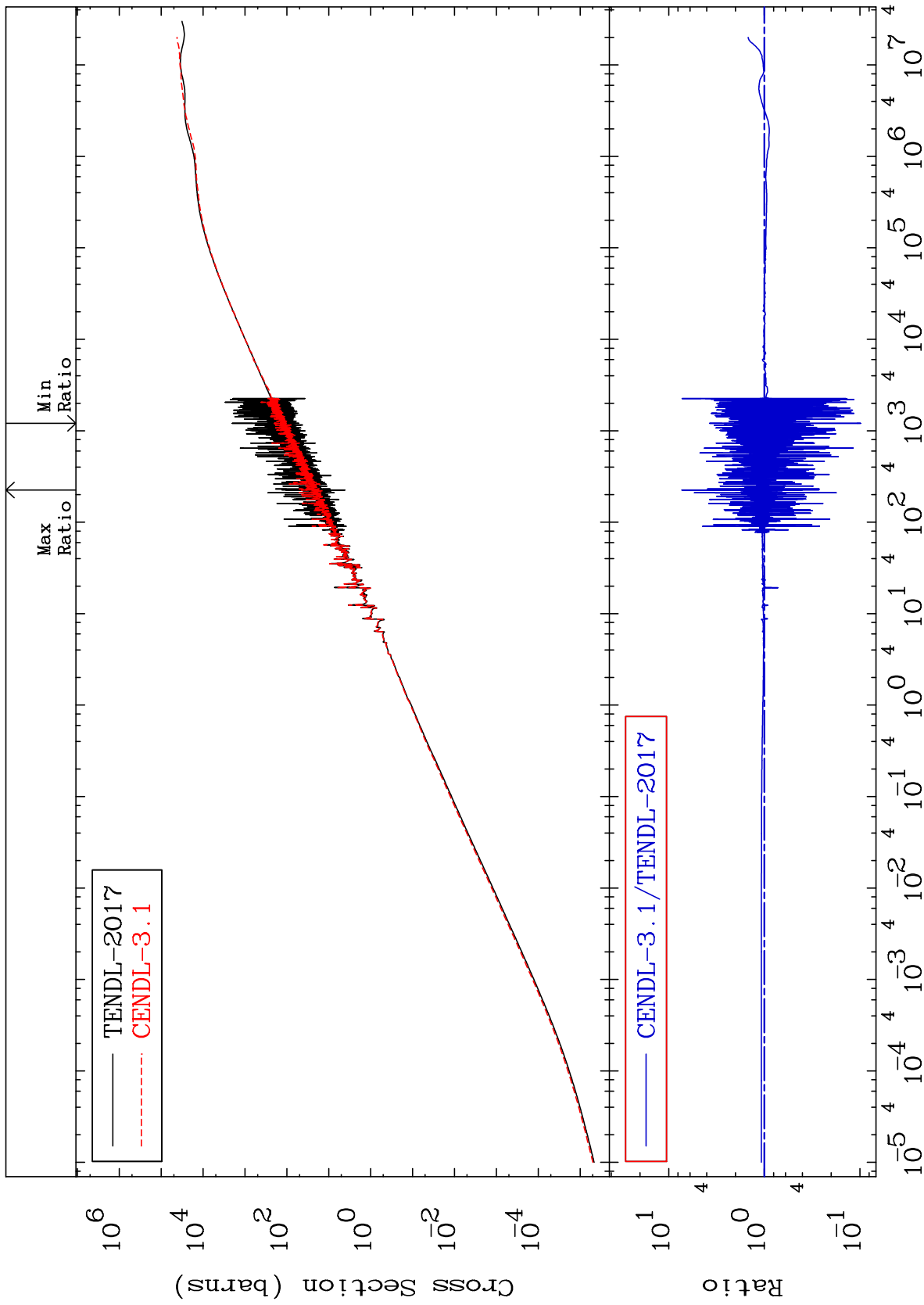
Incident Energy (eV)

92-U -235

MAT 9228

Kerma elastic  
Cross Section

92-U -235  
-90.21 To 631.0 %



50

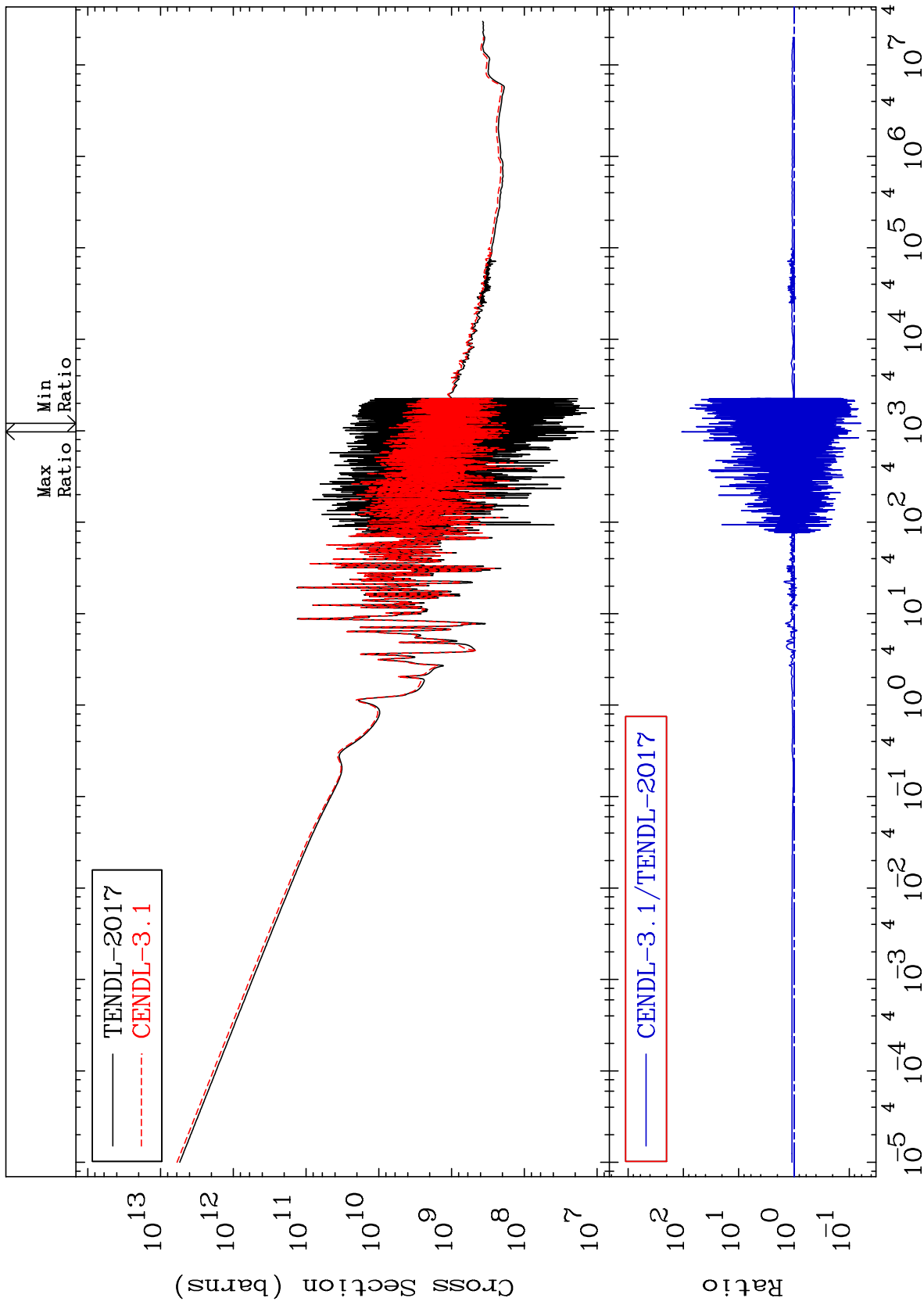
Incident Energy (eV)

92-U -235

MAT 9228

Kerma non-elastic (all but mt2)  
Cross Section

92-U -235  
-93.81 To 9999. %



51

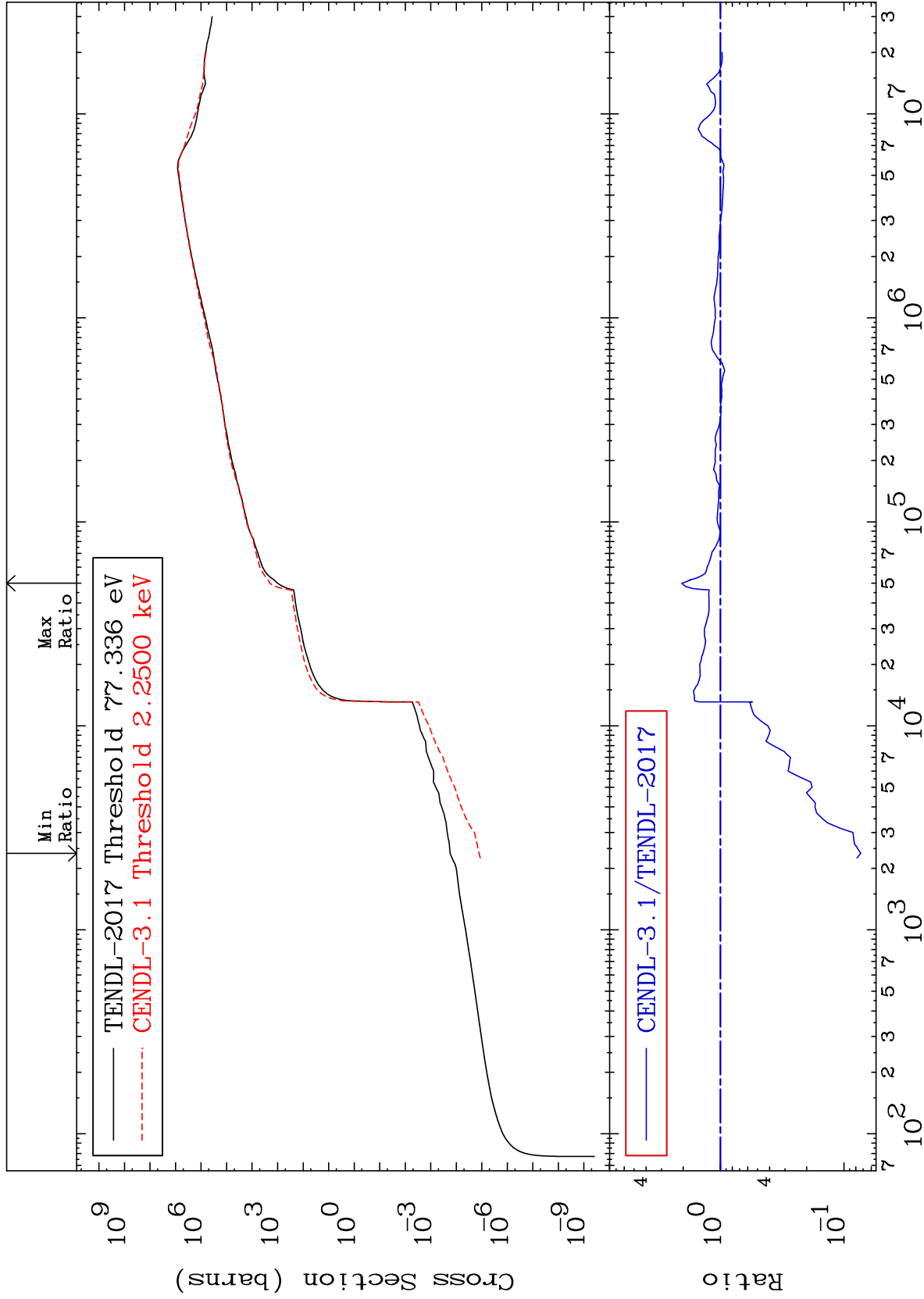
Incident Energy (eV)

92-U -235

MAT 9228

Kerma inelastic (mt51-91)  
Cross Section

92-U -235  
-92.71 To 104.7 %



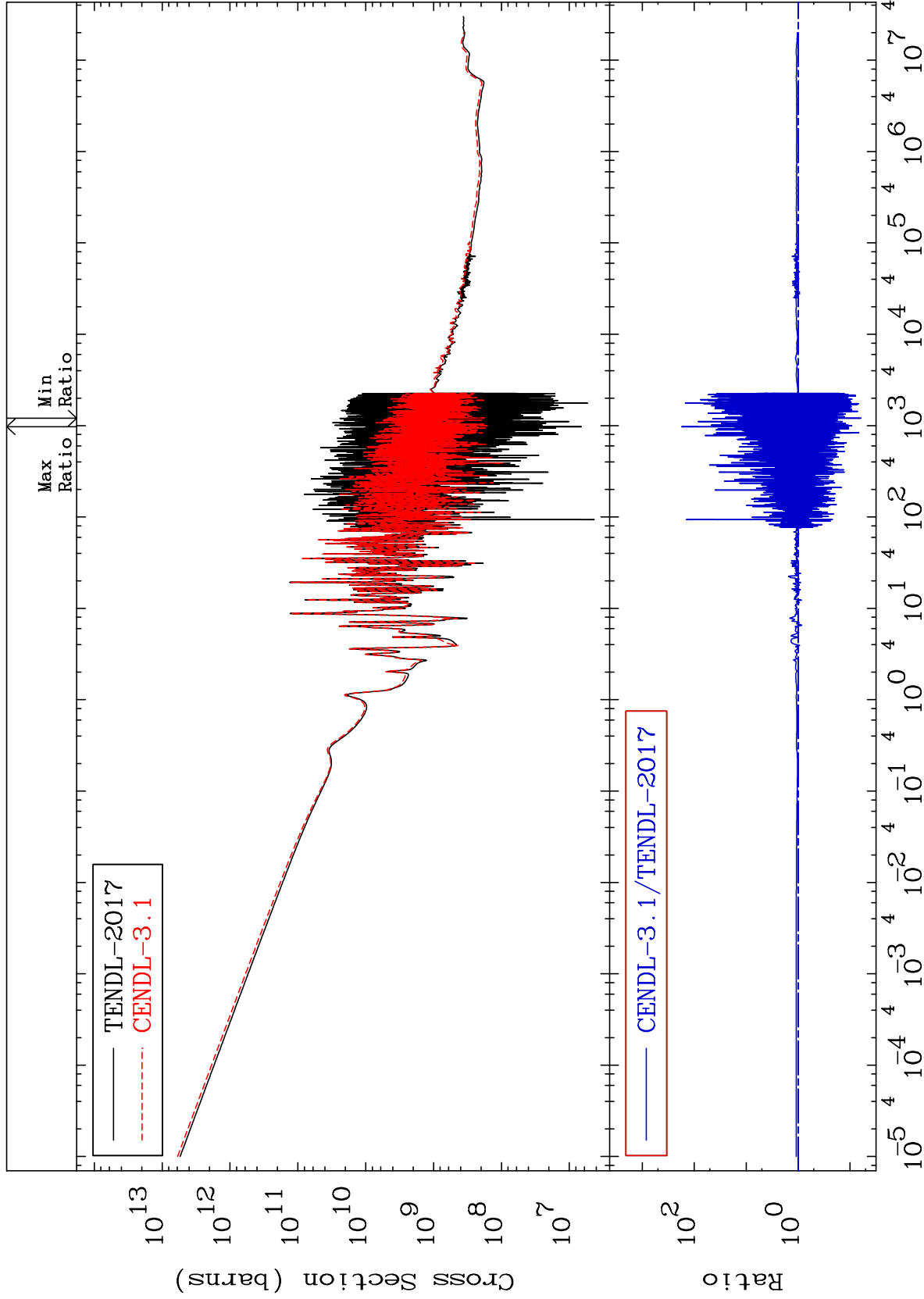
52

92-U -235

MAT 9228

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

92-U -235  
-93.80 To 9999. %



53

Incident Energy (eV)

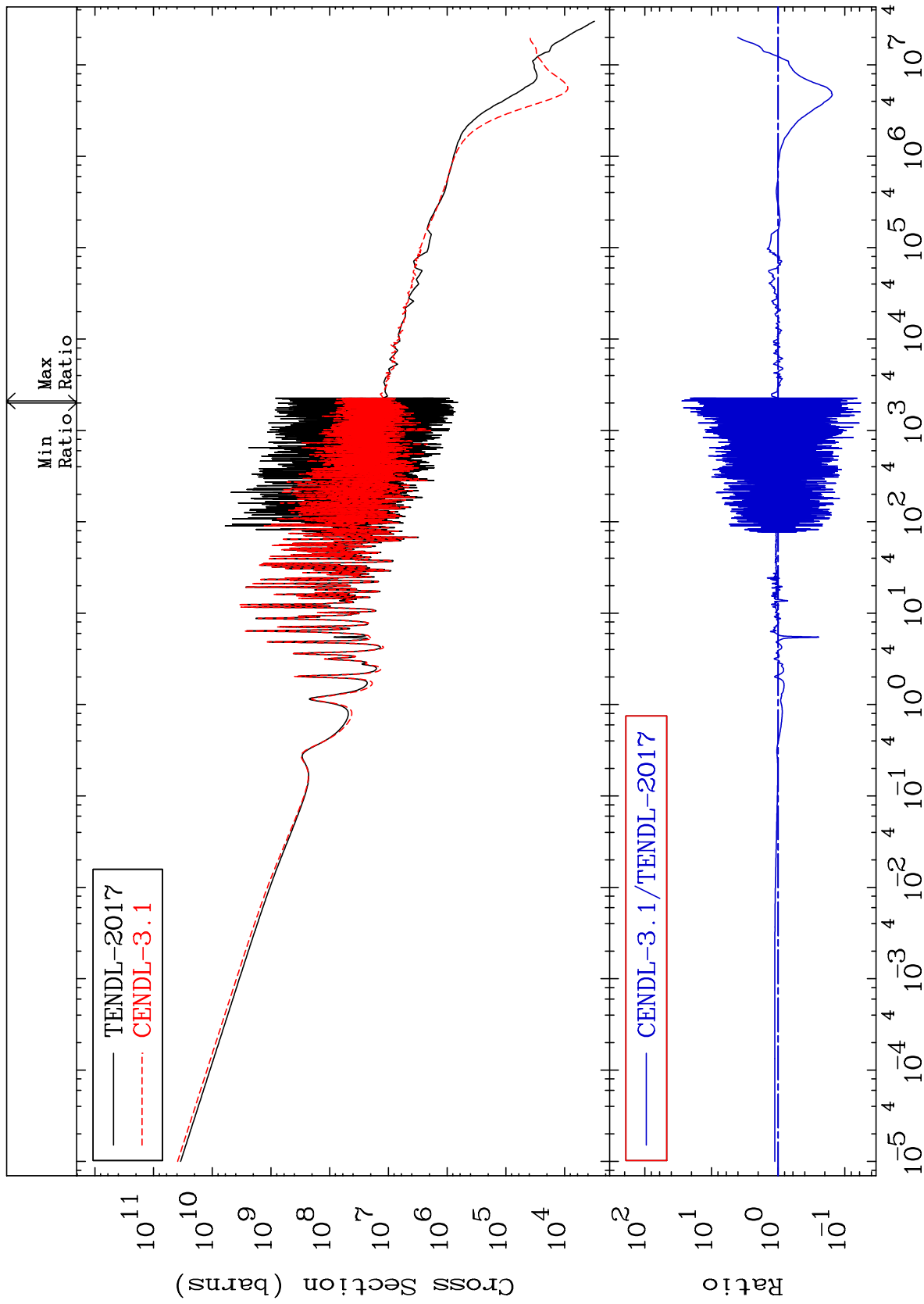
92-U -235



MAT 9228

Kerma capture (mt102)  
Cross Section

92-U -235  
-94.23 To 2671. %



54

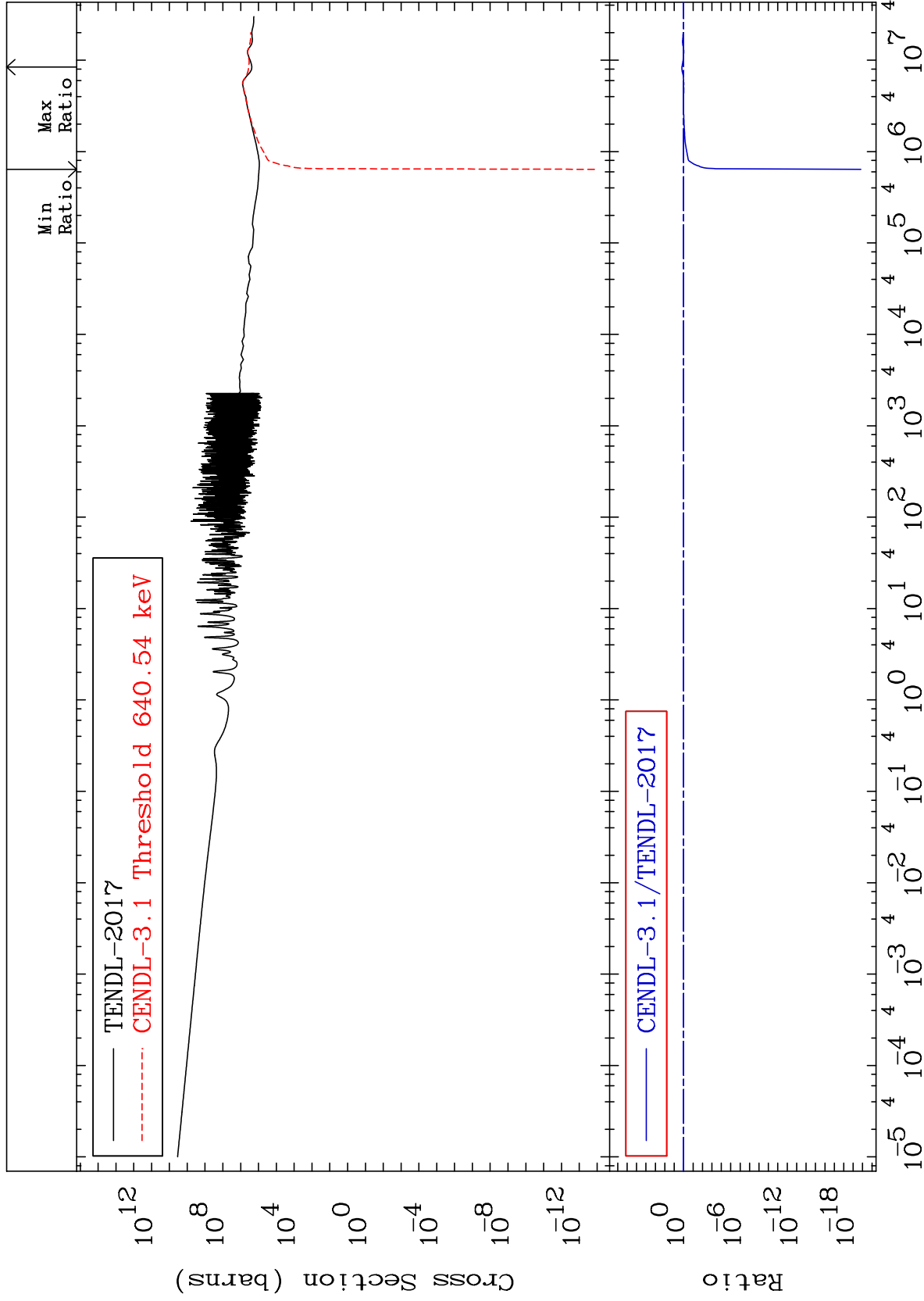
Incident Energy (eV)

92-U -235

MAT 9228

Total photon (eV-barns)  
Cross Section

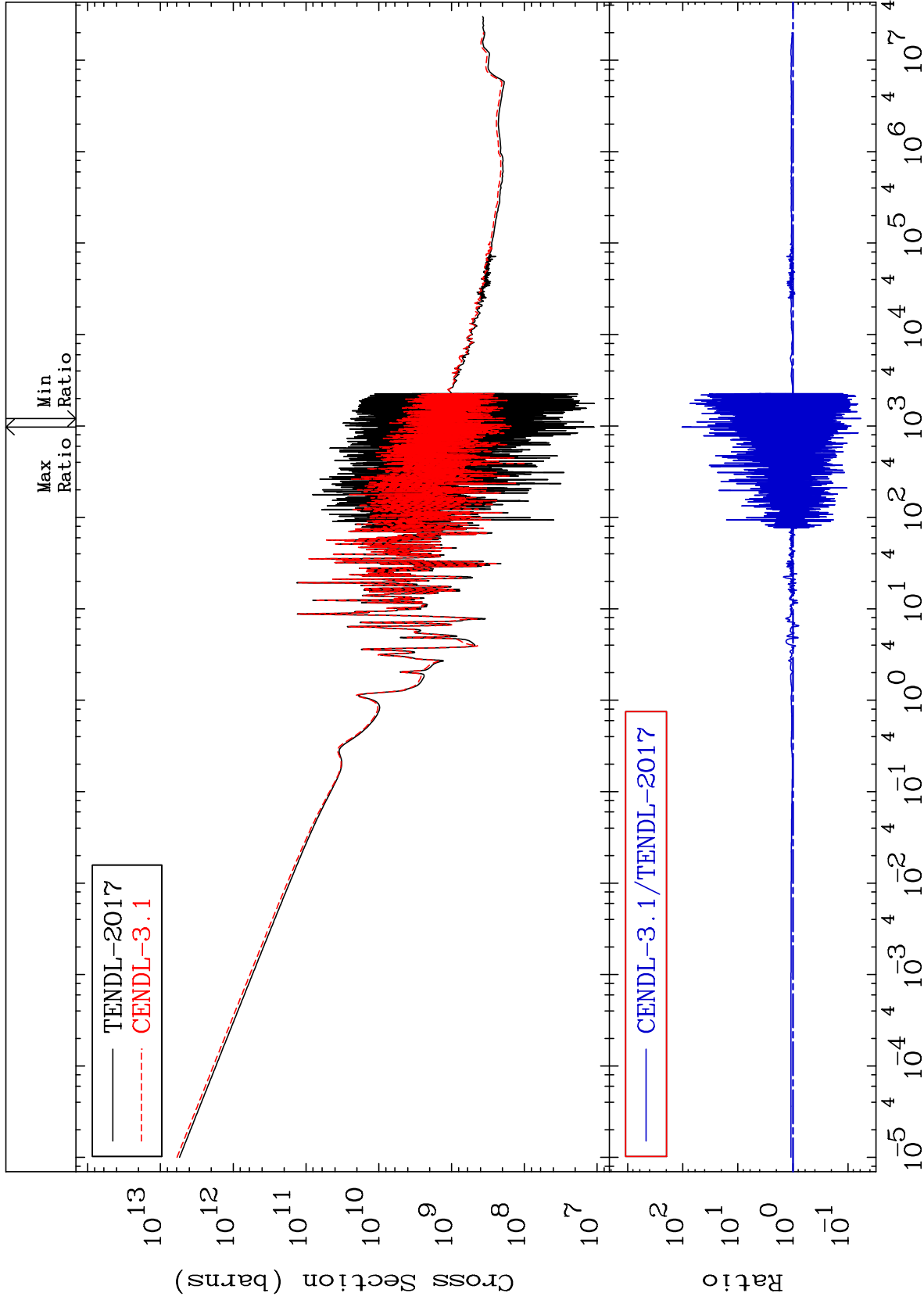
92-U -235  
-100.0 To 51.15 %



55

Incident Energy (eV)

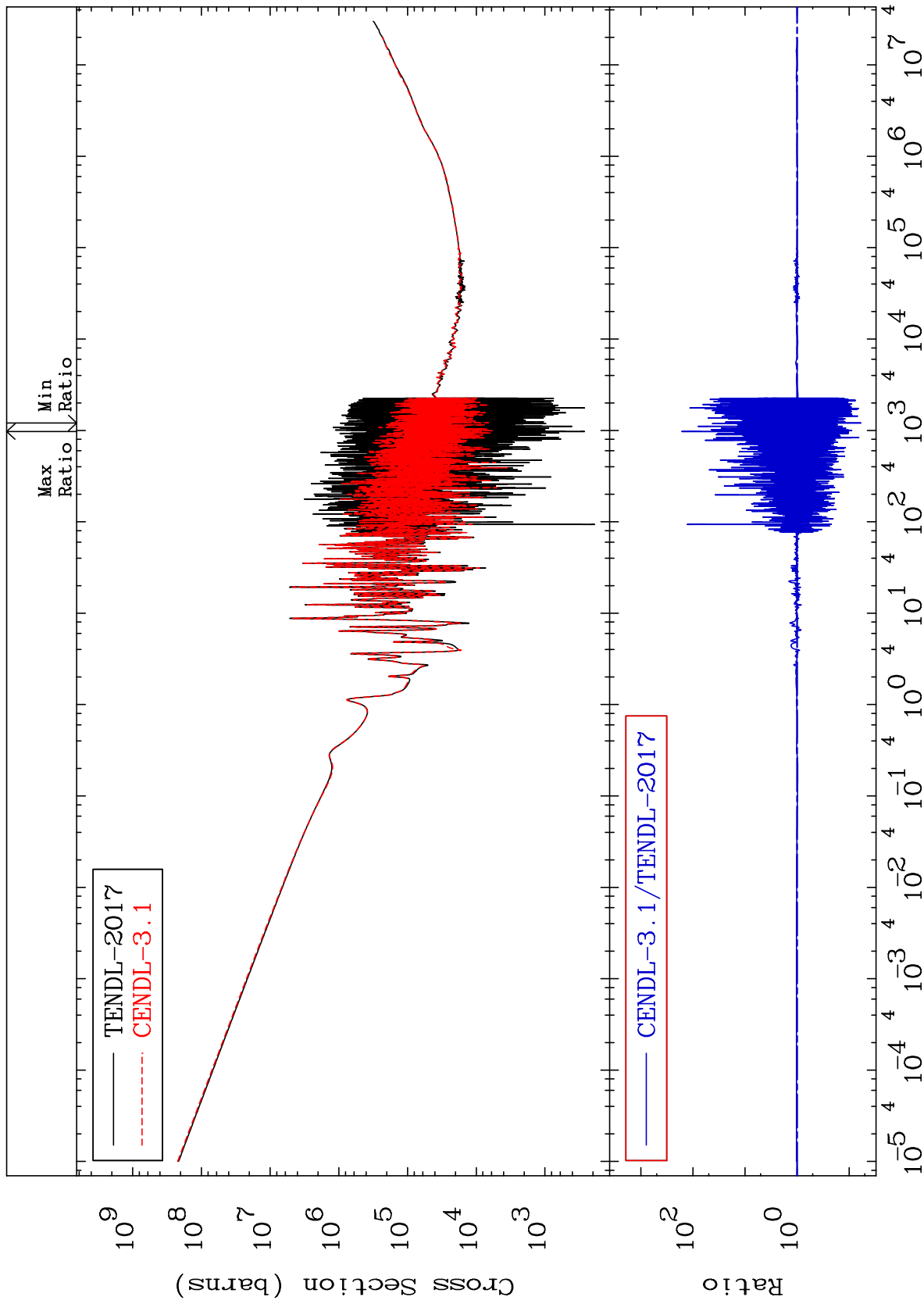
92-U -235



MAT 9228

Dpa total (eV-barns)  
Cross Section

92-U -235  
-94.03 To 9999. %



57

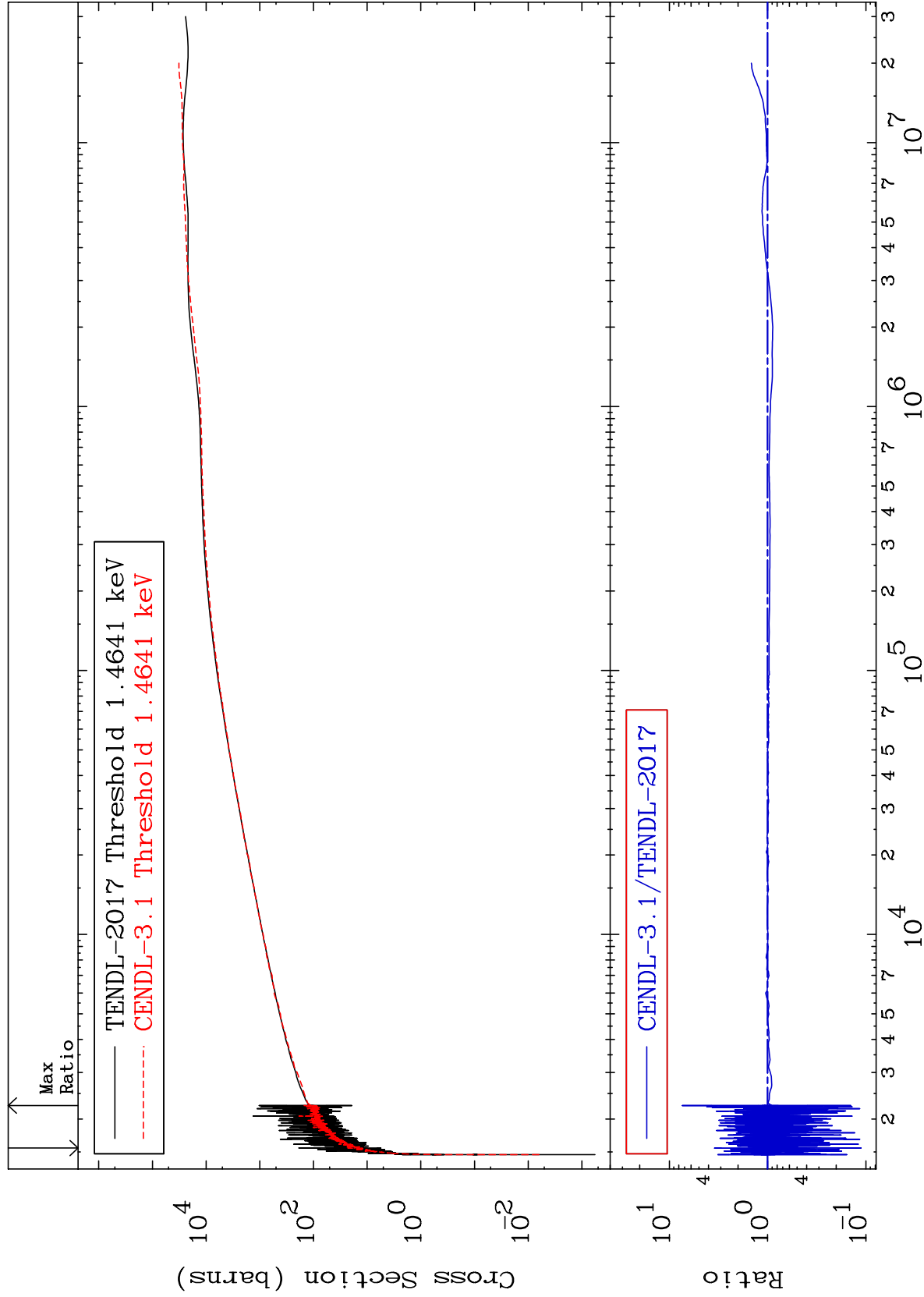
Incident Energy (eV)

92-U -235

MAT 9228

Dpa elastic (mt2)  
Cross Section

92-U -235  
-88.79 To 637.2 %



58

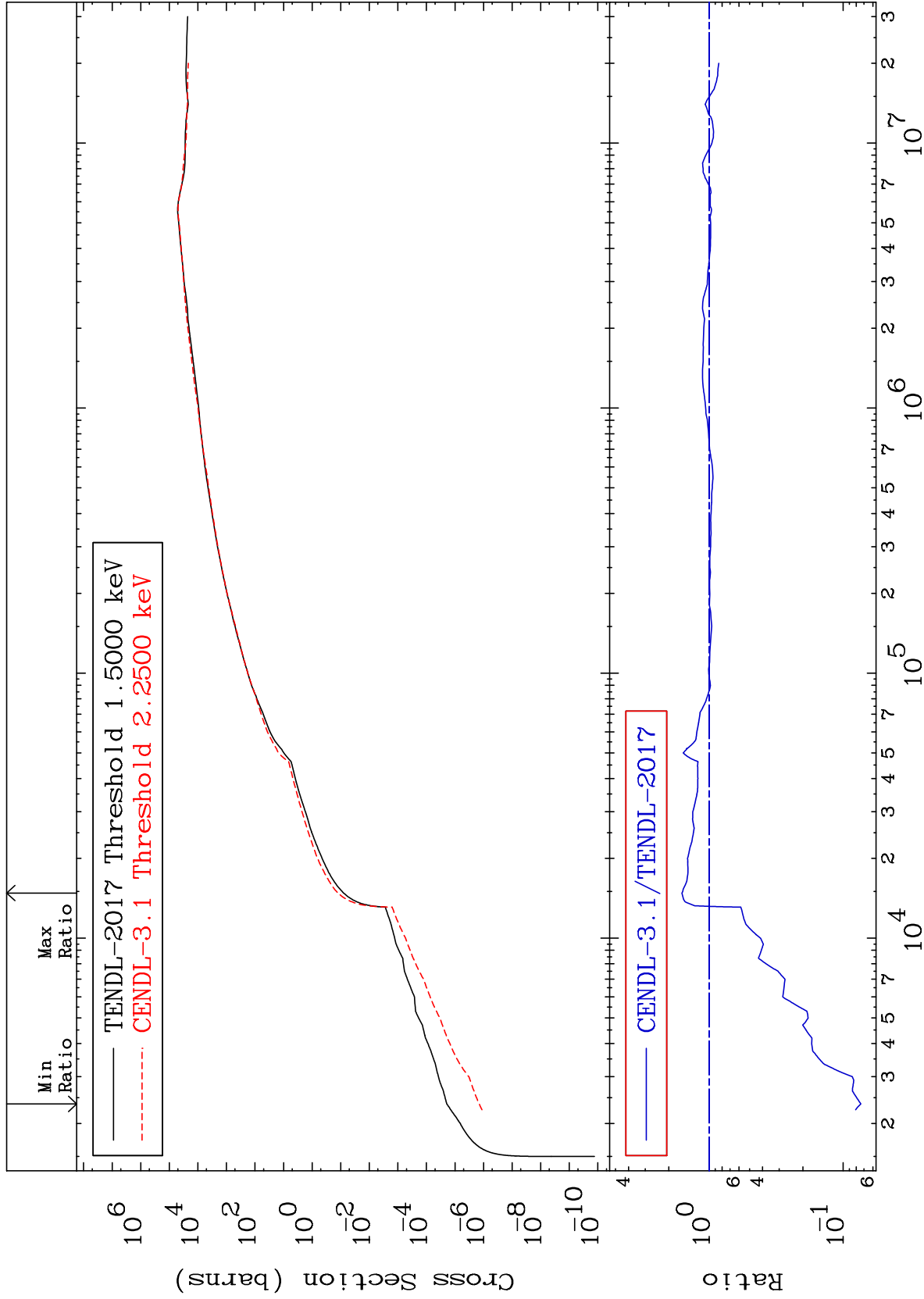
Incident Energy (eV)

92-U -235

MAT 9228

Dpa inelastic (mt51-91)  
Cross Section

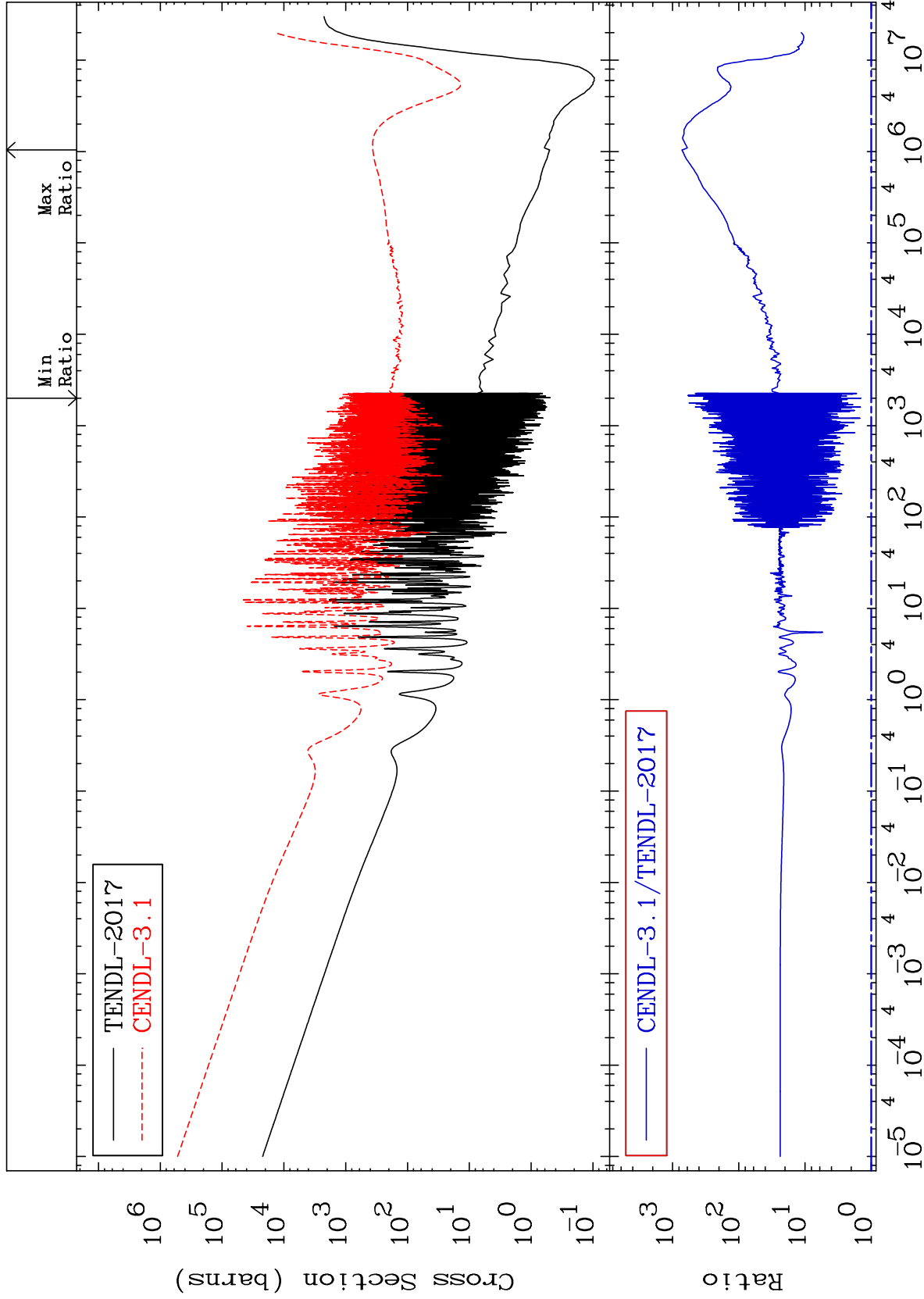
92-U -235  
-92.62 To 59.63 %



MAT 9228

Dpa disappearance (mt102 -120)  
Cross Section

92-U -235  
43.72 To 9999. %



60

Incident Energy (eV)

92-U -235