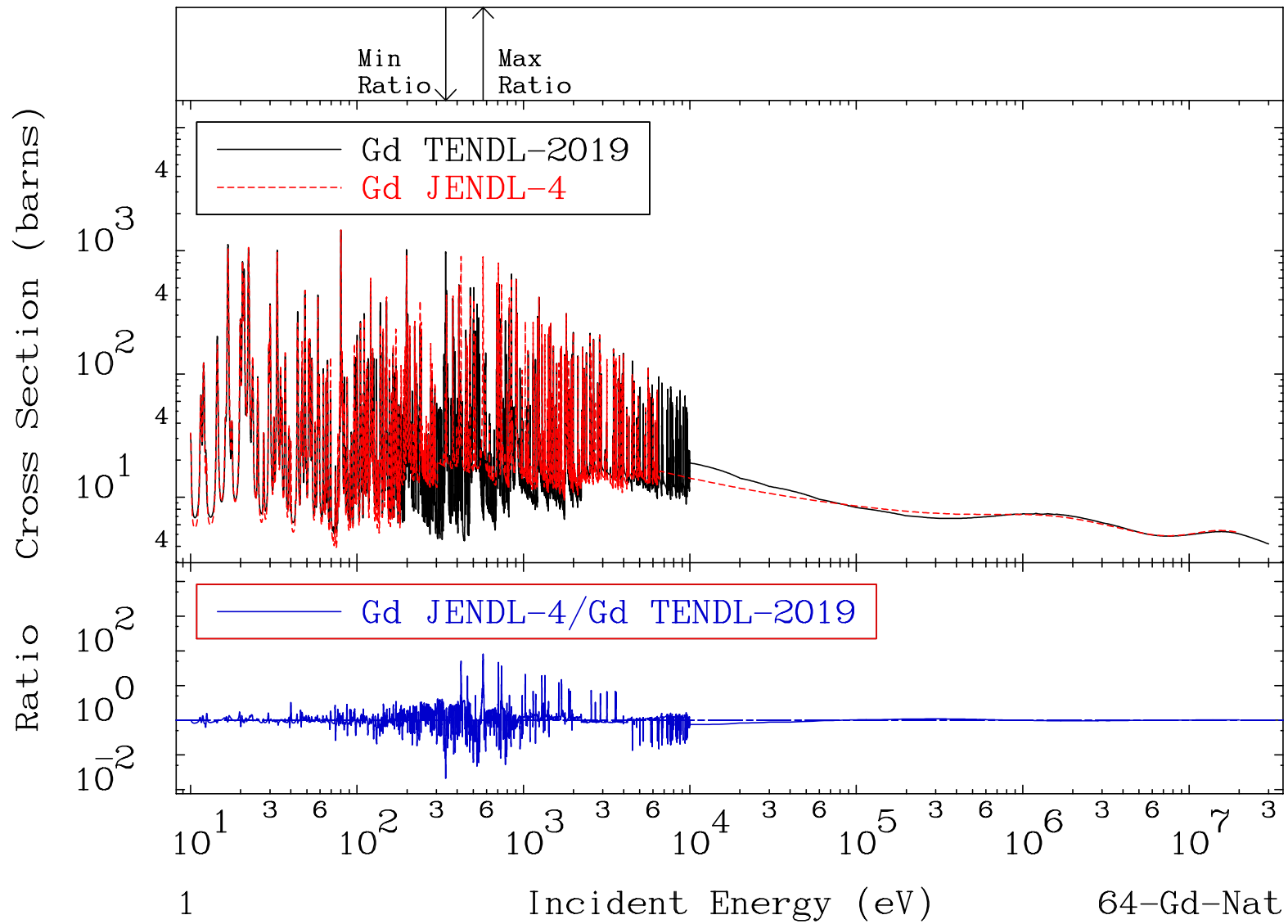


MAT 6400

Total  
Cross Section

64-Gd-Nat  
-97.92 To 8034. %

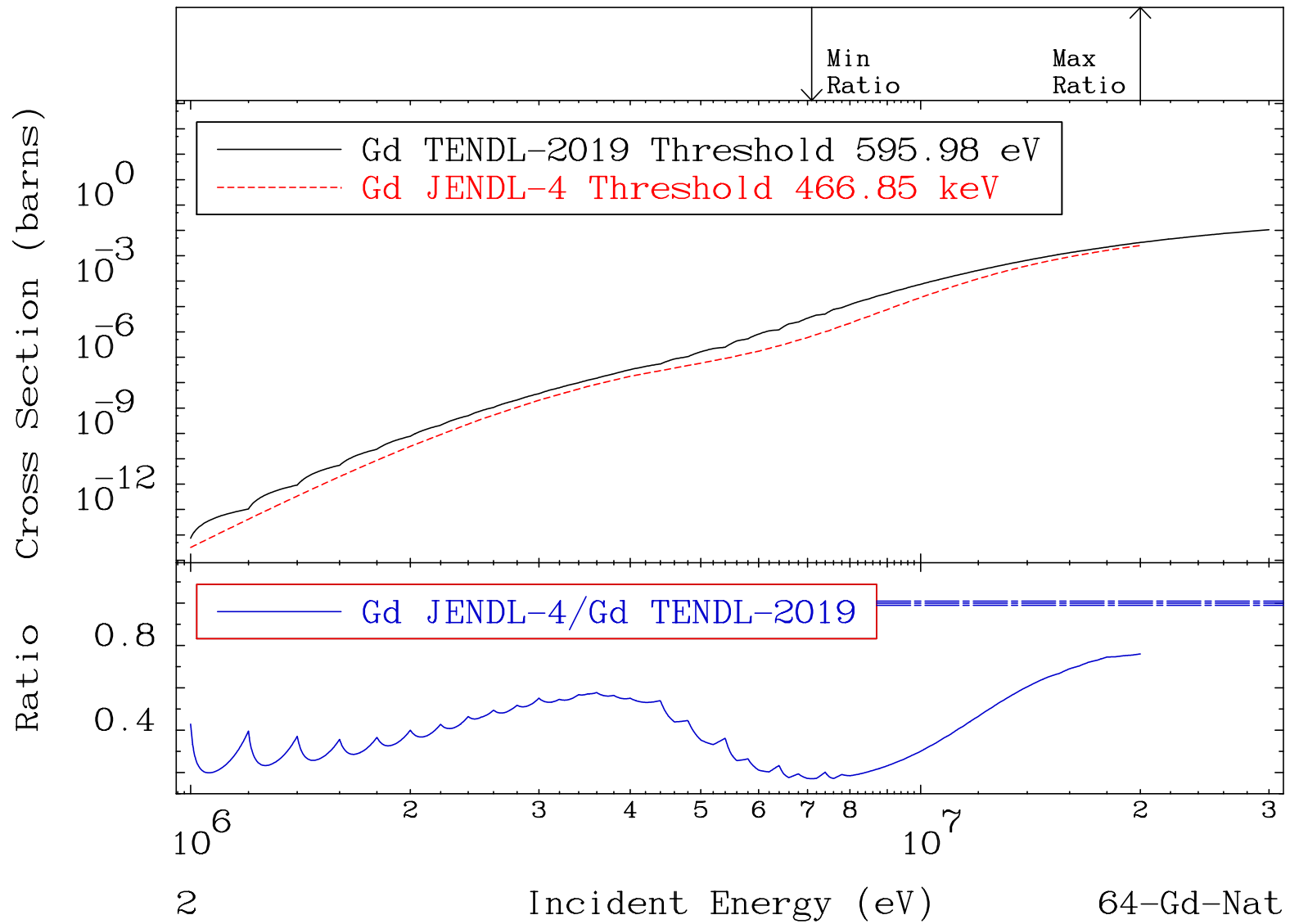


MAT 6400

Hydrogen Production

64-Gd-Nat

Cross Section -82.88 To -23.98%

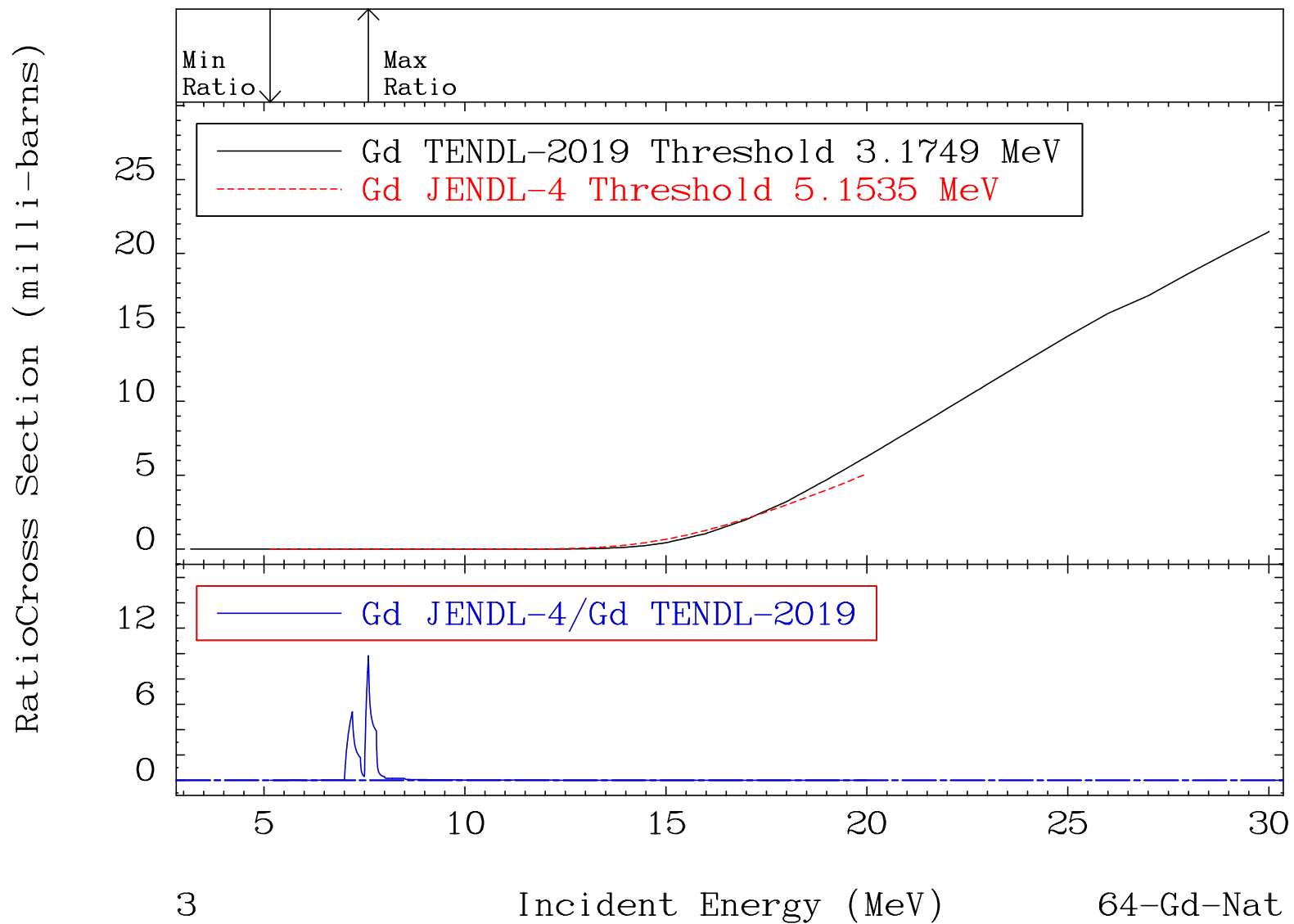


MAT 6400

Deuterium Production

64-Gd-Nat

Cross Section -100.0 To 9999. %



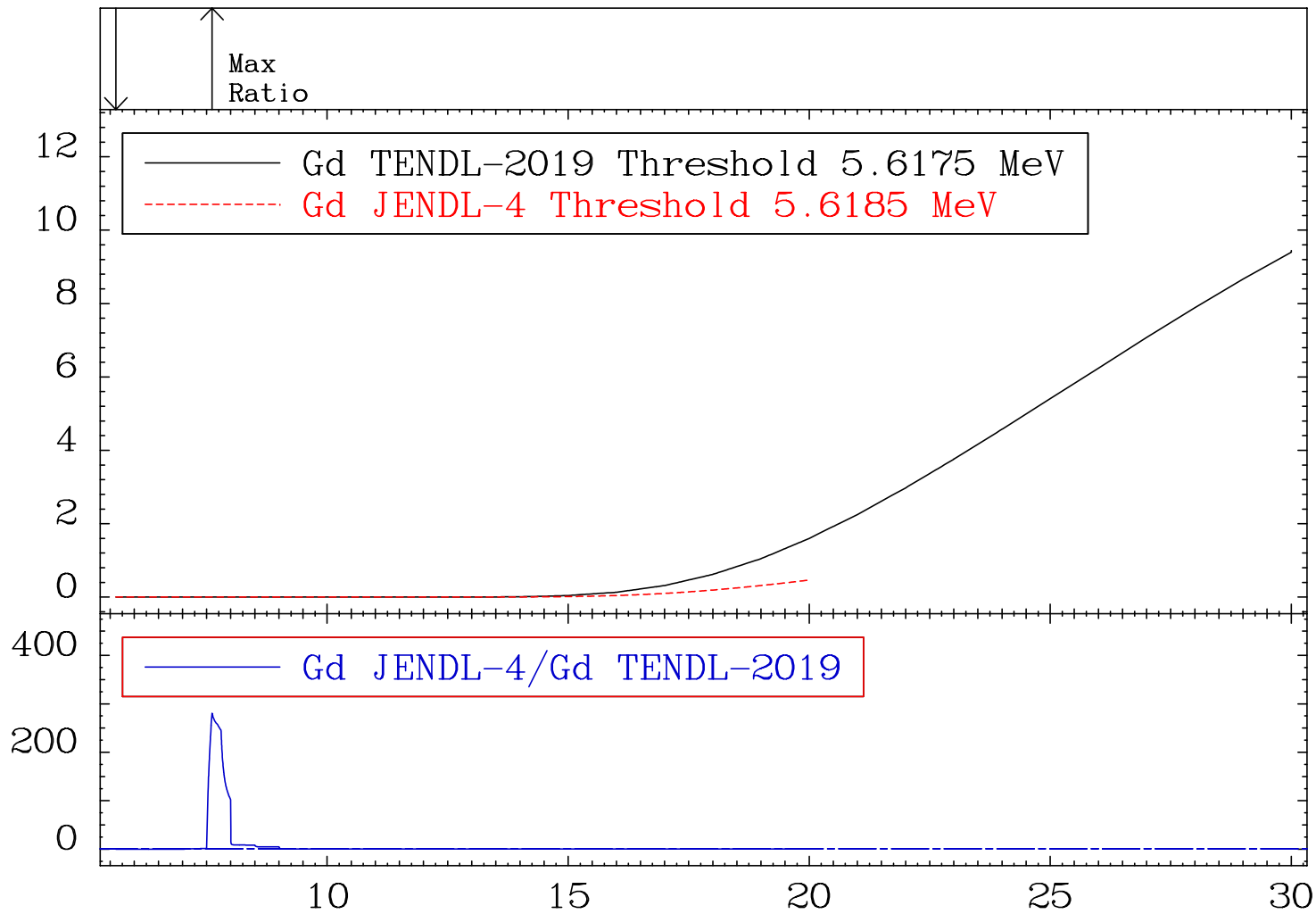
MAT 6400

Tritium Production

64-Gd-Nat

Cross Section -100.0 To 9999. %

RatioCross Section (milli-barns)



4

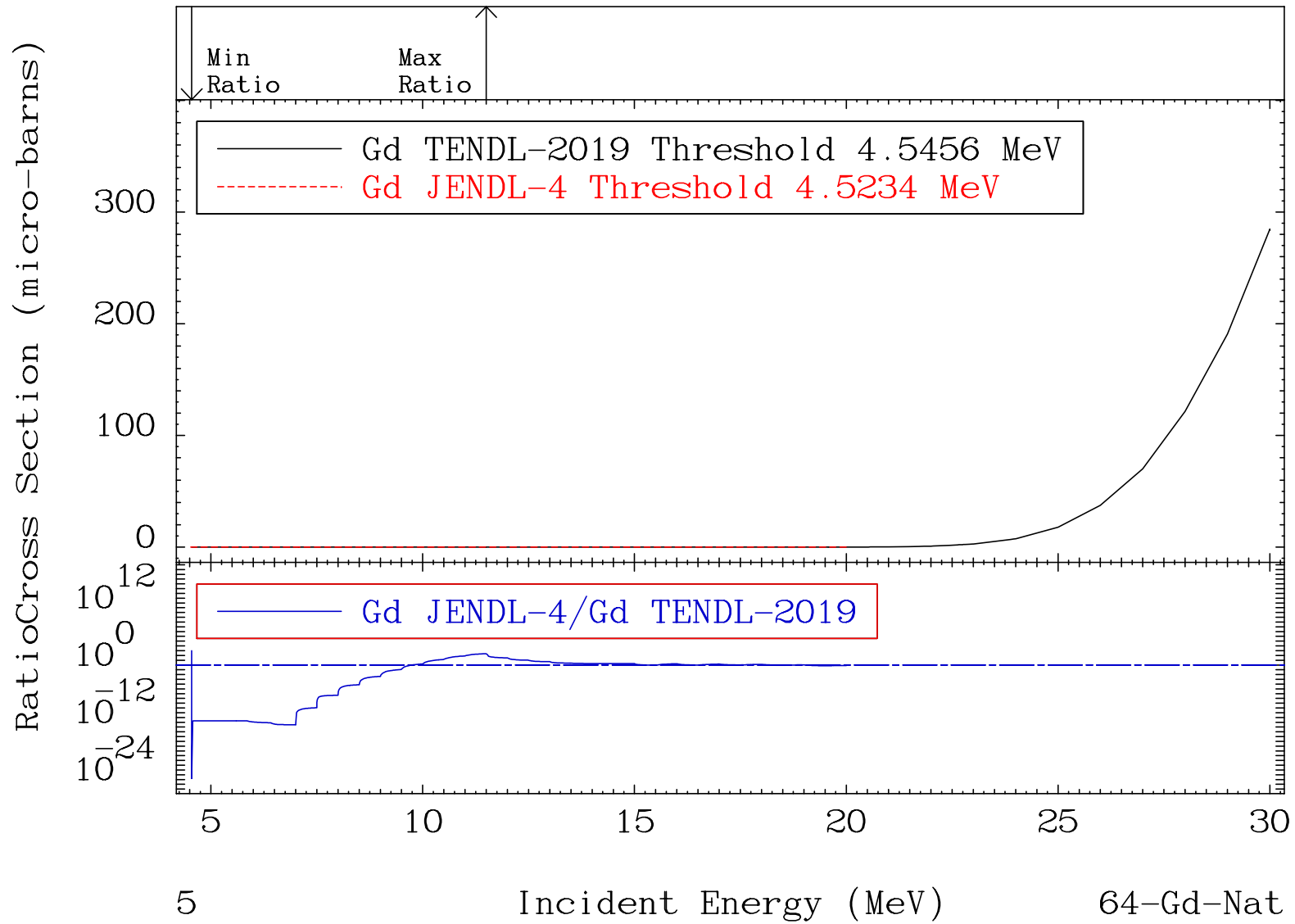
Incident Energy (MeV)

64-Gd-Nat

MAT 6400

He-3 Production  
Cross Section

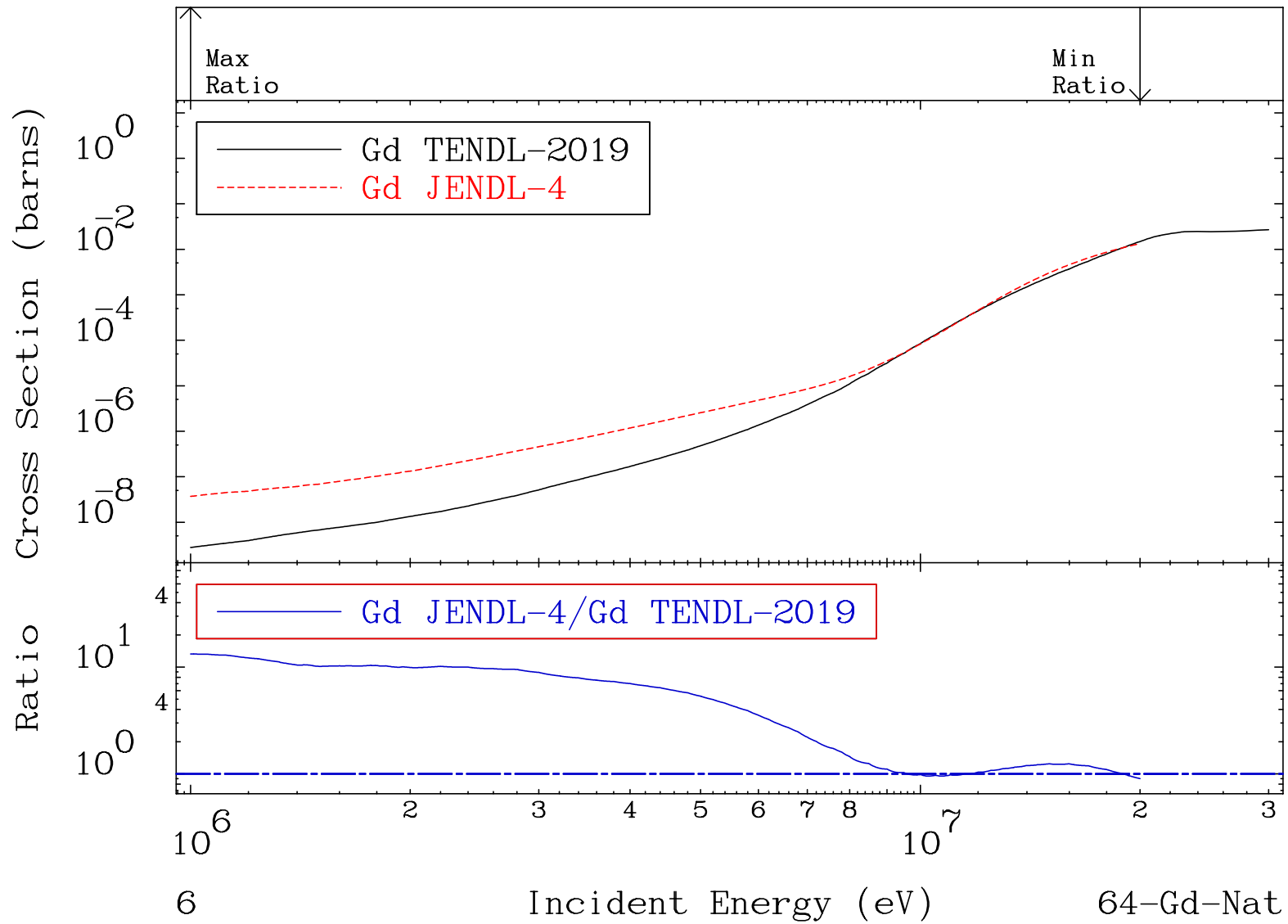
64-Gd-Nat  
-100.0 To 9999. %



MAT 6400

He-4 Production  
Cross Section

64-Gd-Nat  
-9.829 To 1227. %

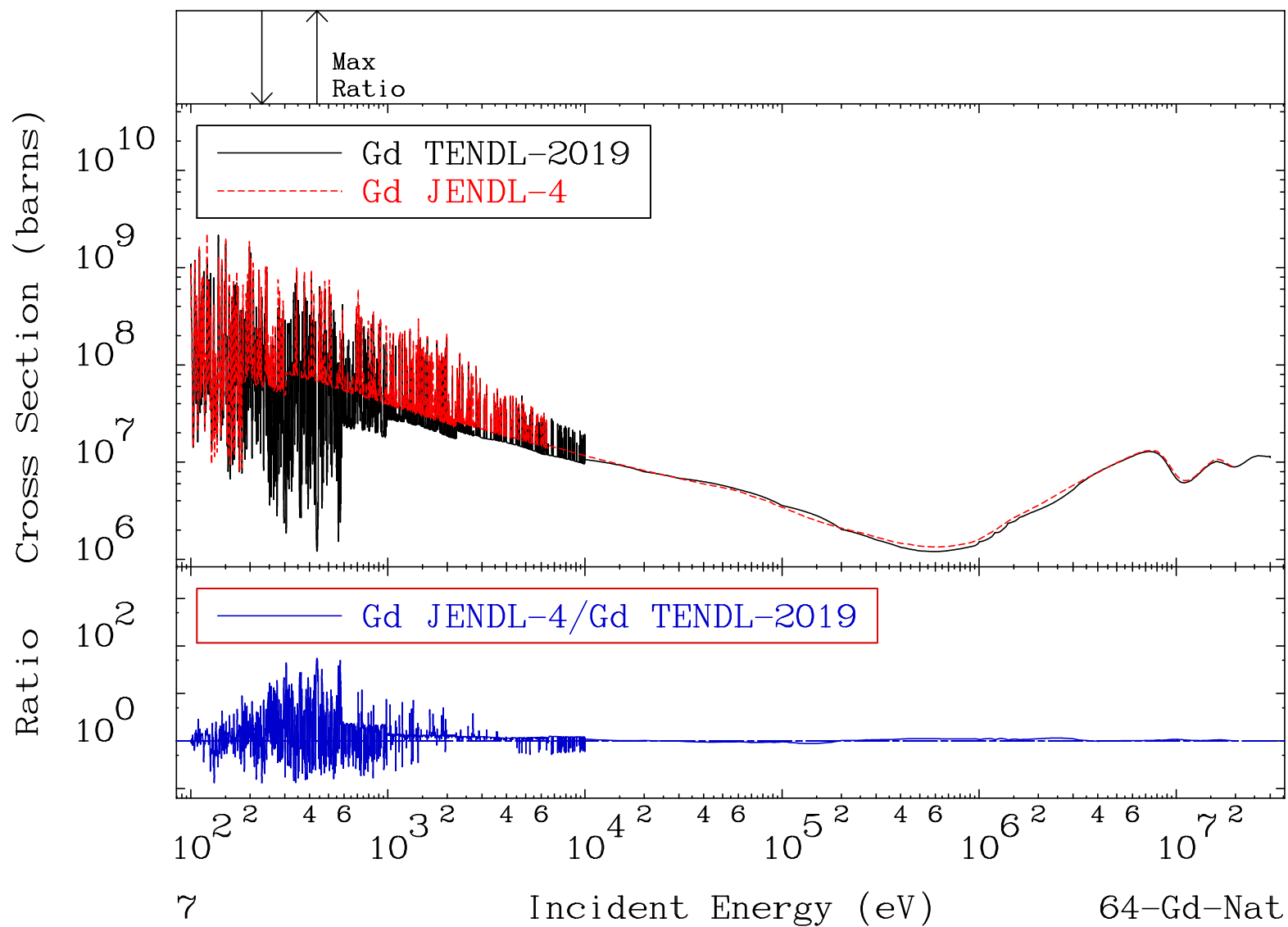


MAT 6400

Kerma total (eV-barns)

64-Gd-Nat

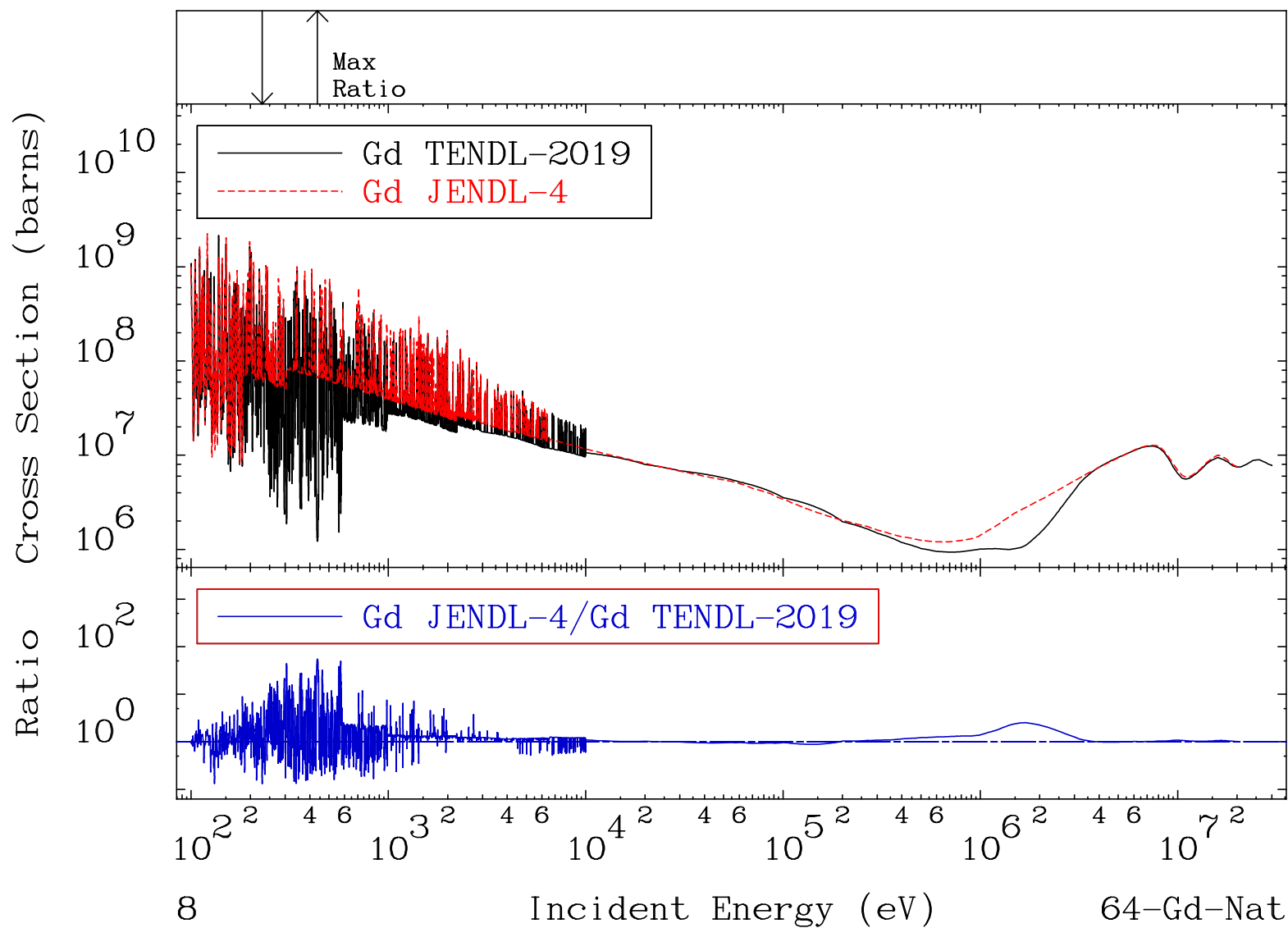
Cross Section -86.97 To 5432. %



MAT 6400

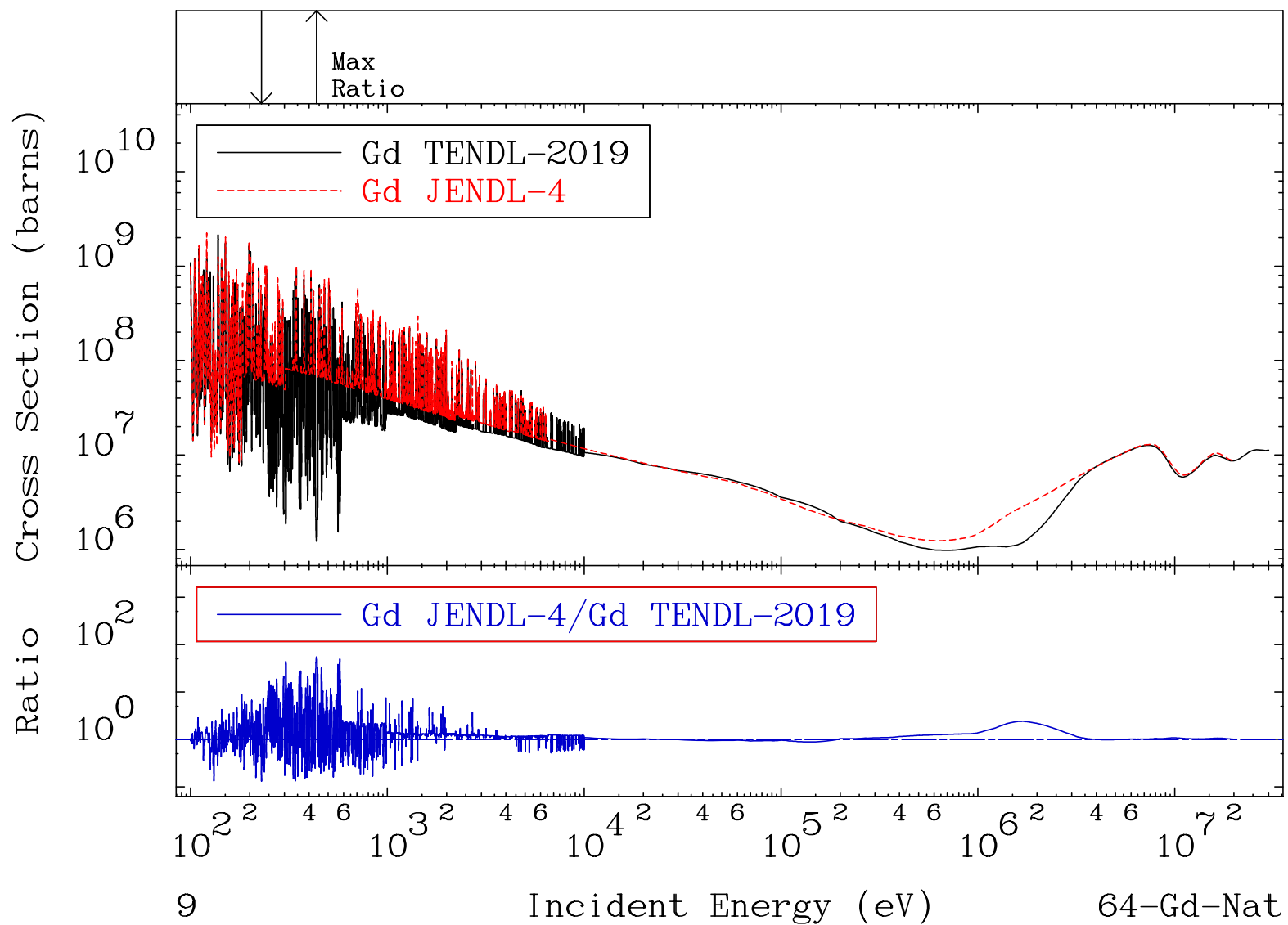
Total photon (eV-barns)  
Cross Section

64-Gd-Nat  
-86.97 To 5432. %





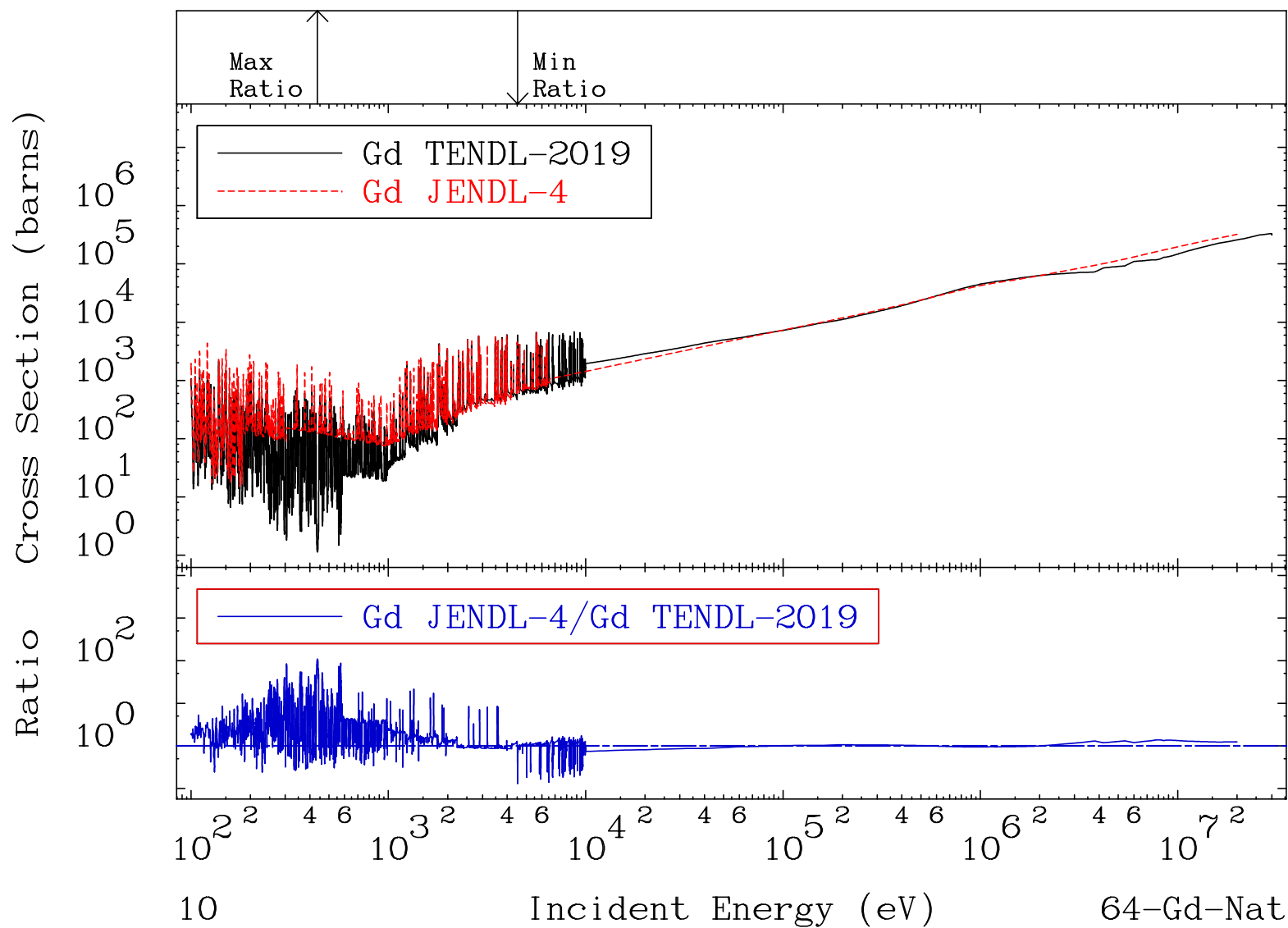
MAT 6400 Total kinematic kerma (high limit) 64-Gd-Nat  
 Cross Section -86.97 To 5432. %



MAT 6400

Dpa total (eV-barns)  
Cross Section

64-Gd-Nat  
-87.18 To 9999. %



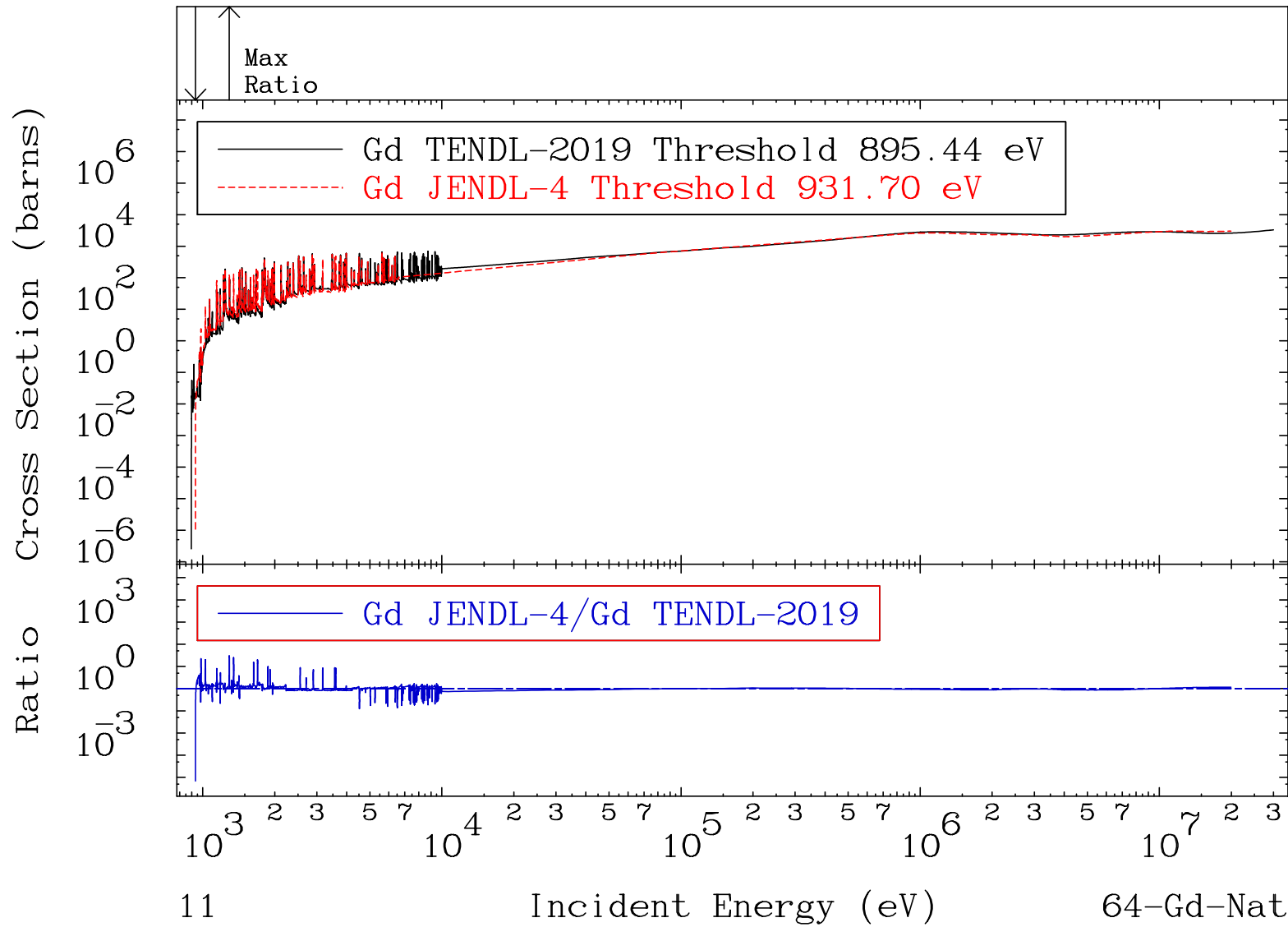
MAT 6400

Dpa elastic (mt2)

64-Gd-Nat

Cross Section

-99.99 To 2904. %

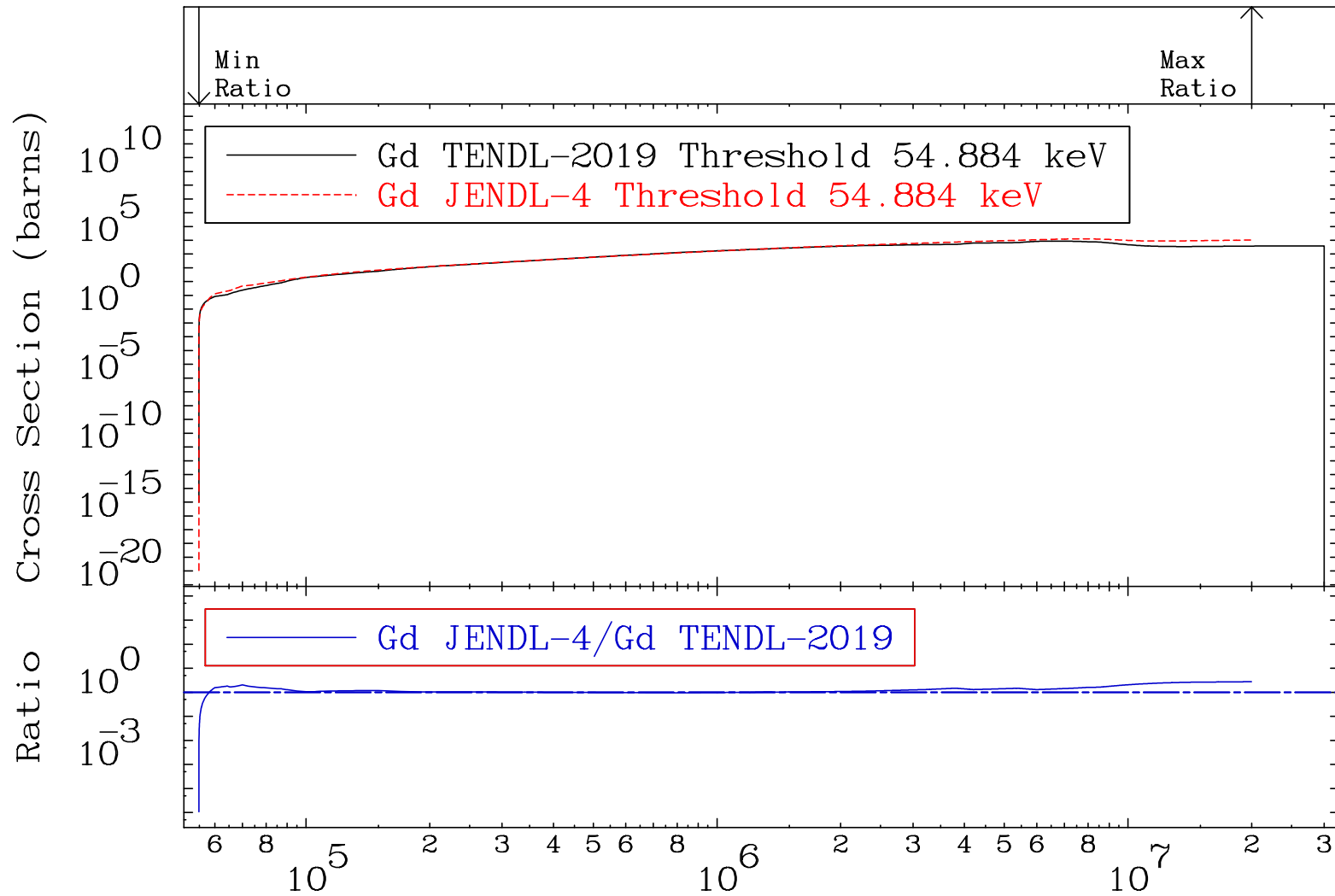


MAT 6400

Dpa inelastic (mt51-91)

64-Gd-Nat

Cross Section -100.0 To 177.6 %



12

Incident Energy (eV)

64-Gd-Nat

MAT 6400      Dpa disappearance (mt102 -120)      64-Gd-Nat  
 Cross Section      -75.82 To 9999. %

