

NNDC Mobile Apps

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The National Nuclear Data Center (NNDC) at Brookhaven National Laboratory (BNL) maintains several websites for distributing data. While these are useful resources, accessing them requires an Internet connection which may not be available. To provide offline alternatives, the NNDC has developed mobile applications for use on smartphones. By installing these apps, users can bring NNDC data into locations without W-Fi coverage. And unlike simply giving users the relevant data, distributing these apps enables the NNDC to provide search capabilities through user interfaces. The NNDC has developed mobile apps for two data sets –the Nuclear Wallet Cards (ground- and isomer-states), and the CapGam collection (thermal neutron capture). The Android versions of these applications are already available through Google Play, while the iOS versions are designed to add further plotting functions. Changes to these datasets can also be distributed through releasing new versions with current data. By releasing these mobile apps, the NNDC aims to improve its services for smartphone users.

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