

Abstract Submitted
for the APR21 Meeting of
The American Physical Society

Updates to the NNDC's Web Interfaces BENJAMIN SHU, ALEJANDRO SONZOGNI, Brookhaven National Laboratory — The National Nuclear Data Center (NNDC) at Brookhaven National Laboratory (BNL) makes evaluated nuclear physics data available to the public through its various websites. Several of these websites provide graphical interfaces which give users control over how they find data. The most prominent example would be the NuDat website's interactive chart of nuclides, which visualizes patterns across all 3,387 observed nuclei. Recently, this interface was reprogrammed to streamline navigation through the entire chart. It has also been redesigned for general use across multiple applications, starting with the NuDat and ENSDF websites. The present work is part of an ongoing effort to modernize the NNDC's web interfaces and this talk will highlight some examples. Through projects such as these, the NNDC intends to make its web services more accessible and more convenient for use in nuclear physics education. Work sponsored by the Office of NP, Office of Science of the U.S. DOE under Contract No. DE-AC02-98CH10886

Benjamin Shu
Brookhaven National Laboratory

Date submitted: 11 Jan 2021

Electronic form version 1.4