Summary of DNP Workshop and Mini-Symposium
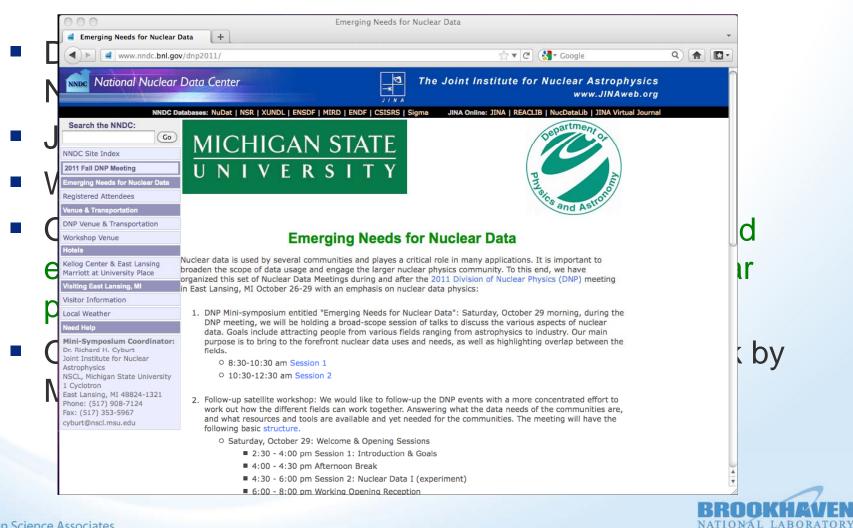
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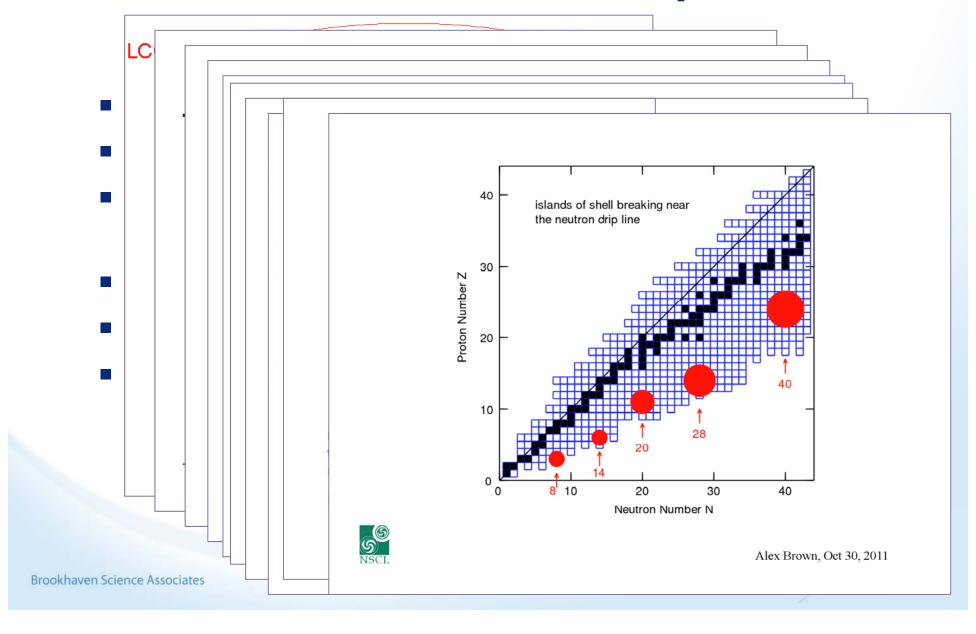
Emerging Needs for Nuclear Data

Emerging Needs for Nuclear Data

- 3 groups of users outside USNDP&CSEWG, who are interested in nuclear data: nuclear astrophysics, nuclear theory & nucleon-resonance phenomena (light-hadron spectroscopy)
- We deal with different types of data, approaches for nuclear physics needs
- There are many things that we can learn from each other and physics community
- We all met for the first time in one place!!!

Satellite Workshop

islands of shell breaking near the neutron drip line

NSCL

Alex Brown, Oct 30, 2011

Satellite Workshop Discussion (Goals + Dialog)

- Data formats: Nuclear Structure, RIPL, XML, XUNDL, data readers

- Interdisciplinary collaborations: New contacts between nuclear data & theory + possible collaborations

- NNDC Web for code storage, Gforge server for calculated results

- Wish list: What data do we need? Isospin?

Conclusion & Outlook

- DNP2011 Mini-symposium "Emerging Needs for Nuclear Data" & Satellite Workshop helped to understand the data needs and trends

- We will see more interaction between nuclear data and physics communities

- NNDC computer resources will be used for storage and dissemination of codes and calculations

- Another meeting during ND2013??

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