

Low Energy Community Meeting

August 23-24, 2013

East Lansing, Michigan

Survey of Nuclear Data Products

How often do you use ?

☐ ENSDF ☐ XUNDL ☐ NuDat ☐ Sigma ☐ NSR ☐ EXFOR ☐ EGAF ☐ ENDF

(1) Every day (2) Once a week (3) Once a month (4) Rarely (5) Never heard of it

How would you rate the quality of ?

☐ ENSDF ☐ XUNDL ☐ NuDat ☐ Sigma ☐ NSR ☐ EXFOR ☐ EGAF ☐ ENDF

(1) Excellent (2) Good (3) Average (4) Poor (5) No opinion

Do you use the journal Nuclear Data Sheets (NDS) either printed or online version? ☐ Yes ☐ No

Would your research be impacted if NDS is no longer available? ☐ Yes ☐ No

Do you use the printed copy of Nuclear Wallet Cards? ☐ Yes ☐ No

Currently Wallet Cards are printed approximately every 5 years, would you like to see them printed?

☐ More Often ☐ Current schedule ☐ Less often

Are you interested in Mobile Applications of nuclear data products? ☐ Yes ☐ No

If yes, what would you like to see as a Mobile App?

What do you use to search for publications? ☐ NSR ☐ inSPIRE ☐ Web of Science ☐ Other

Do you reference Nuclear Data products in your research publications? ☐ Yes ☐ No

General comments/suggestions on Nuclear Data products

Approximately 200 participants
70 Surveys Collected

A very biased sample:

- Scientists
- Low energy structure/reactions

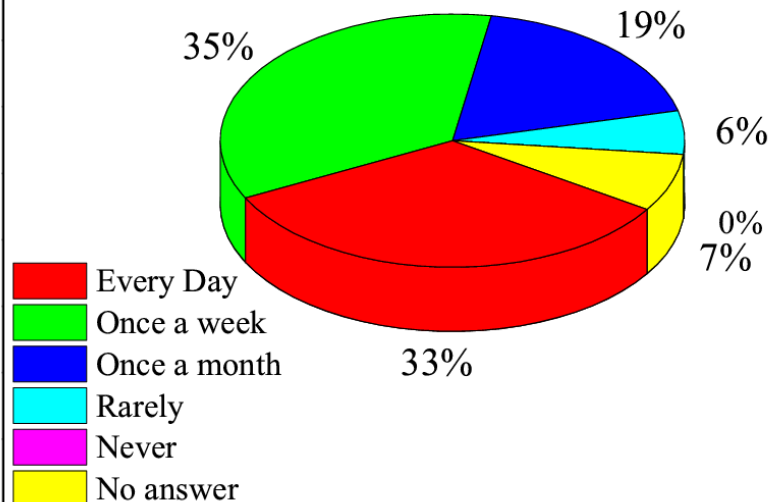
Survey of Nuclear Data Products

How often do you use ?

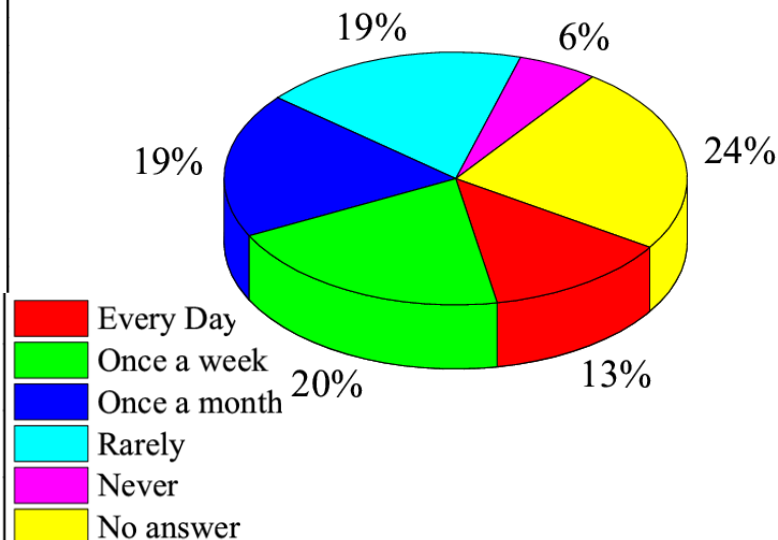
___ENSDF ___XUNDL ___NuDat ___Sigma ___NSR ___EXFOR ___EGAF ___ENDF

(1) Every day (2) Once a week (3) Once a month (4) Rarely (5) Never heard of it

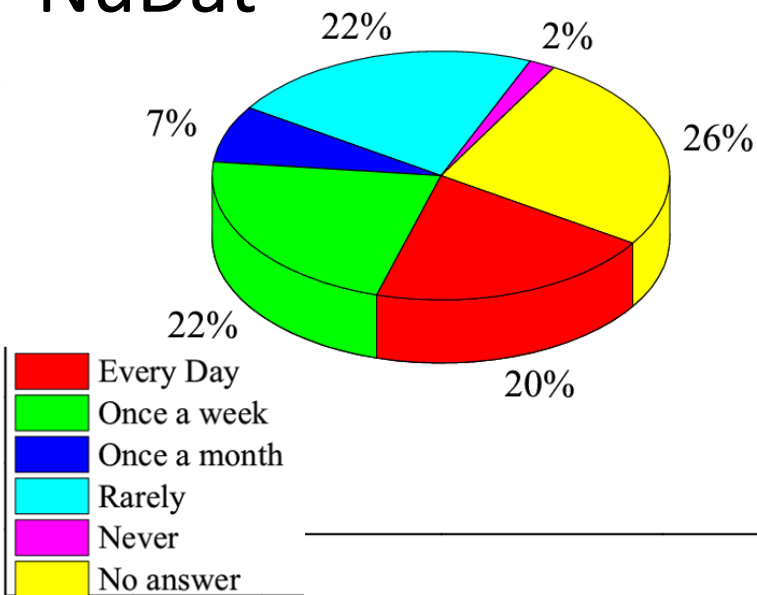
ENSDF



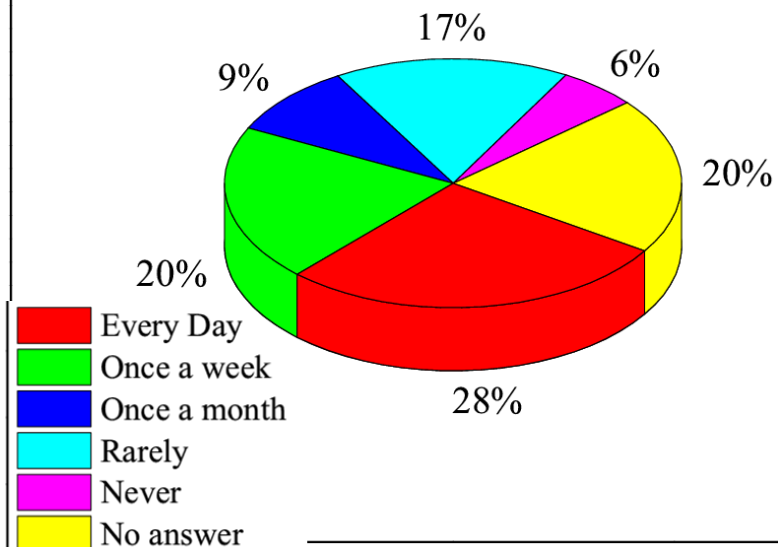
XUNDL



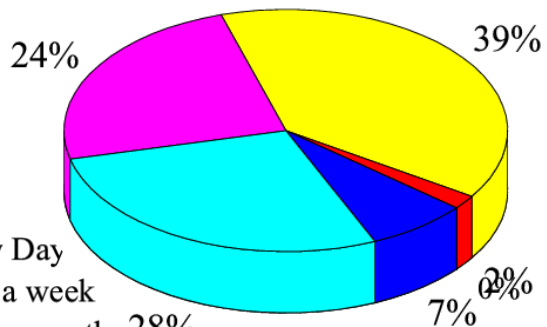
NuDat



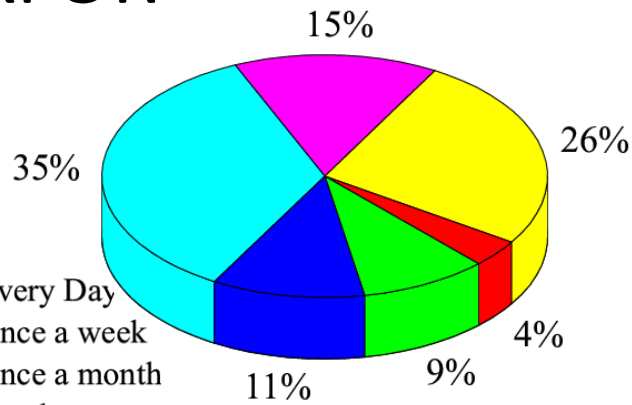
NSR



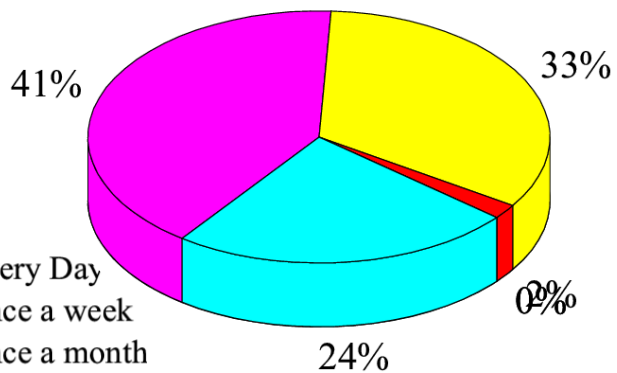
SIGMA



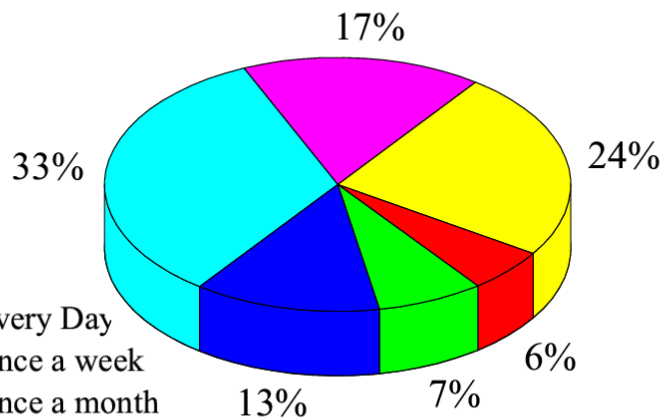
EXFOR



EGAF



ENDF

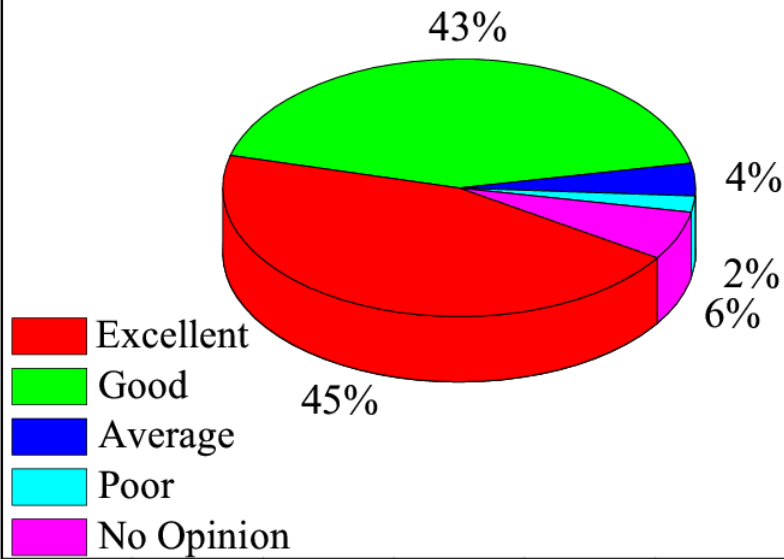


How would you rate the quality of ?

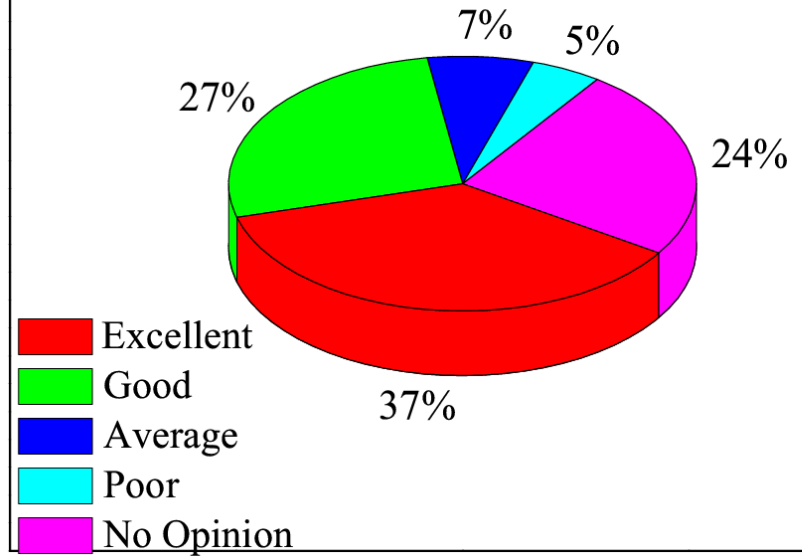
___ENSDF ___XUNDL ___NuDat ___Sigma ___NSR ___EXFOR ___EGAF ___ENDF

(1) Excellent (2) Good (3) Average (4) Poor (5) No opinion

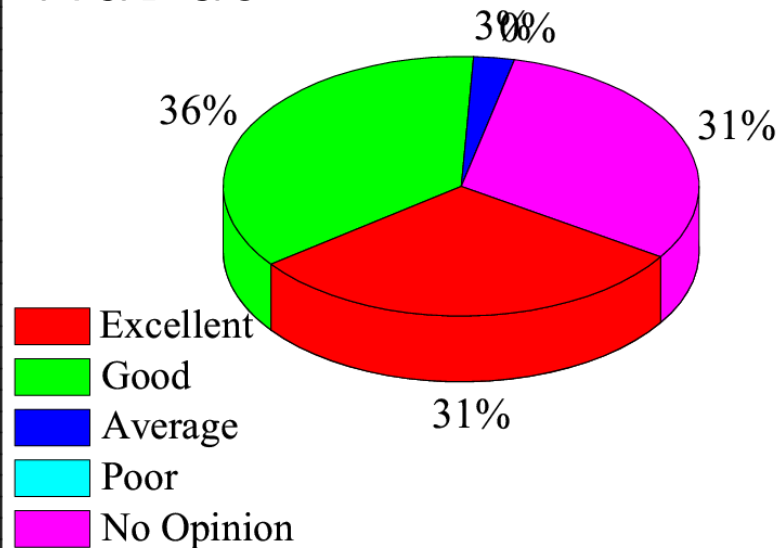
ENSDF



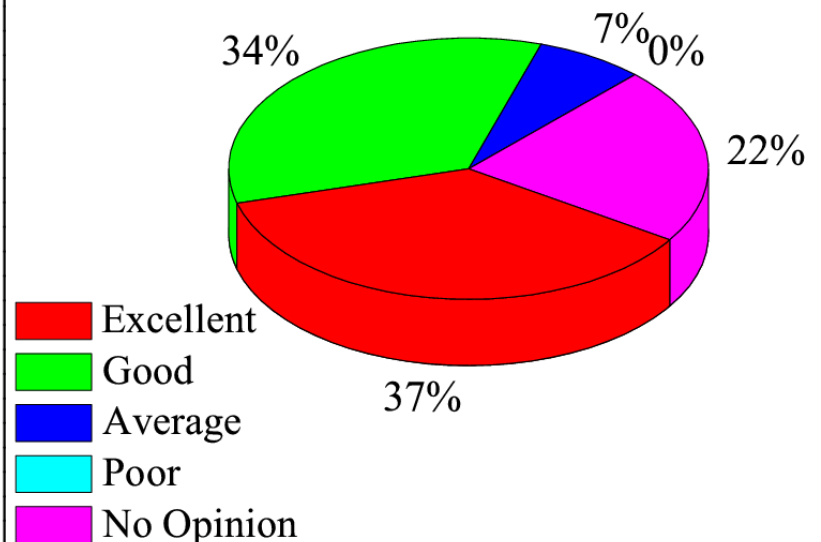
XUNDL



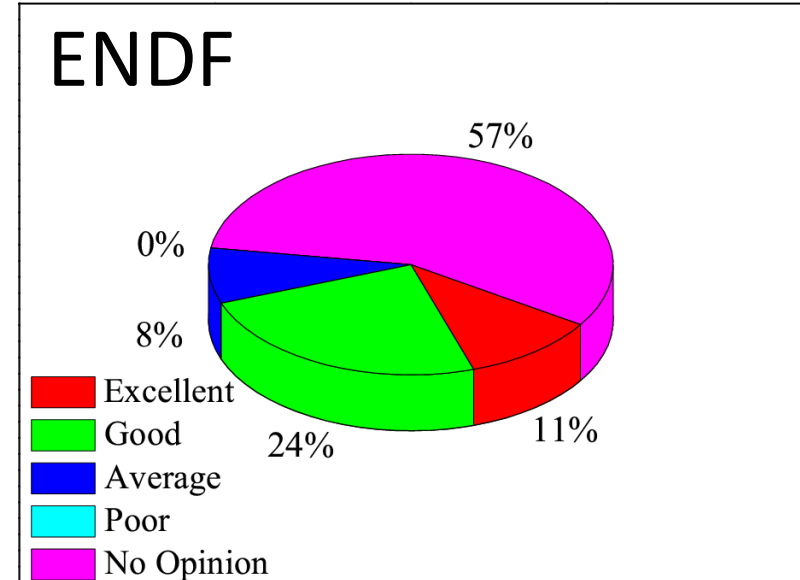
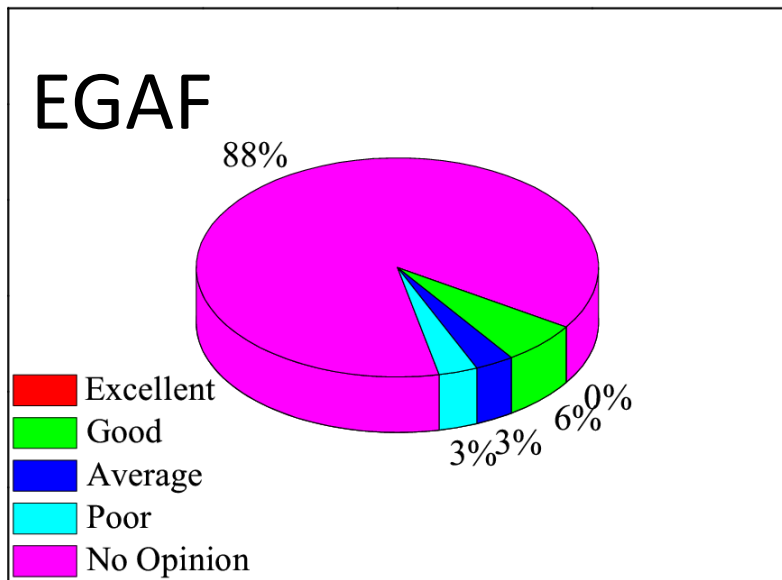
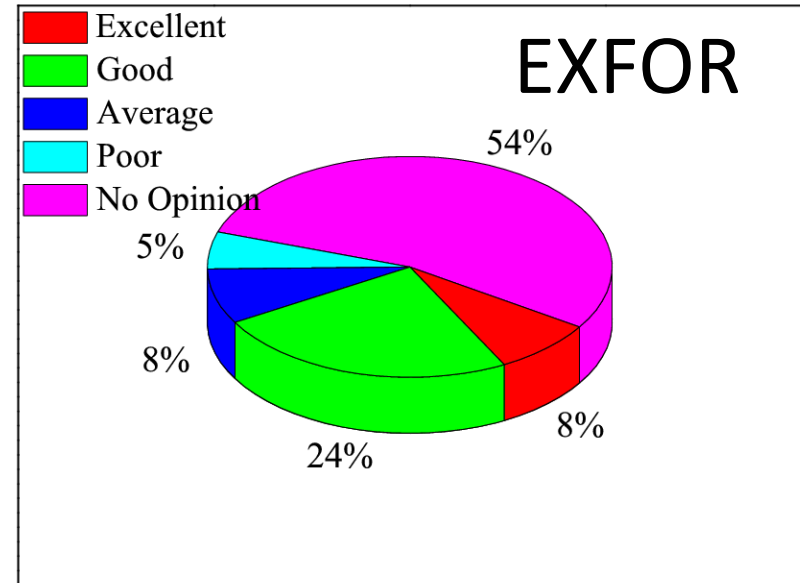
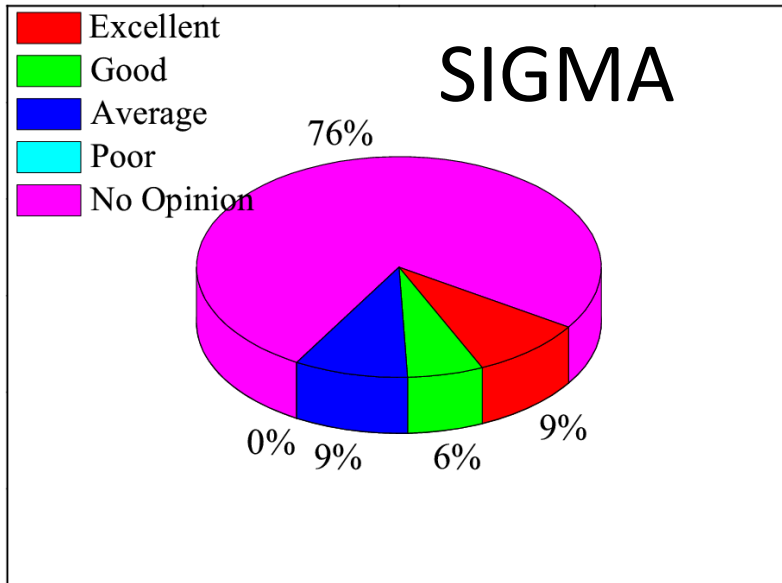
NuDat



NSR



Warning: these are statistics of small numbers



Do you use the journal Nuclear Data Sheets (printed or online) ?

Yes: 75%

No: 25 %

Would your research be impacted if NDS no longer available?

Yes: 66%

No: 34 %

Do you use printed Nuclear Wallet Cards?

Yes: 61%

No: 39 %

Would you like to see Wallet Cards printed?

More often: 4% Current: 81% Less often: 15%

Are you interested in Mobile Applications of nuclear data?

Yes: 58%

No: 42 %

What would you like to see as a Mobile App?

- ENSDF – 9
- XUNDL – 3
- NuDat - 8

What do you use to search for publications?

(Check all that apply)

NSR: 35

inSPIRE : 4

Web of Science : 15

Other : 28

Other: mainly Google Scholar

General Comments:

Web page has been transformational. It is the future. All effort should go there.

The availability of these products is very valuable and highly appreciated.
There are always NNDC tabs open on my browser.

Keep it up if you can!!

NSR is absolutely critical in my research. If I had to rely on Google my work would become far less efficient.

I think these resources are very valuable. I've lost track of acronyms- I just know that I go to the NNDC web site and find useful stuff.

These products are crucial to the community.

Great job NNDC !

General Comments:

As a theorist, I think the data base is very hard to use. Especially since I do not use it often. Please make data base more user friendly for “non-experts.”

There should be a Root library of ENSDF. ENSDF should use a format that isn't based on punch cards. This is insane.

Make more clear which product does what and consolidate similar products.

There are multiple products providing same information. A more unified version would be nice.

It would be helpful to know (in one place) what each of the eight options at the very top do. I'm not sure if I'm missing some flexibility in use.

Depending on mass region, evaluation is not good enough and we would appreciate if there is some way to post feedback. For instance, in light mass region, a number of papers are not included in ENSDF/XUNDL.

ENSDF: I prefer the “Previous retrieval version”. The interface could be better.

NuDat: I would like to have a PDF download option of the plots.

These are not “products”. Fire the MBA's