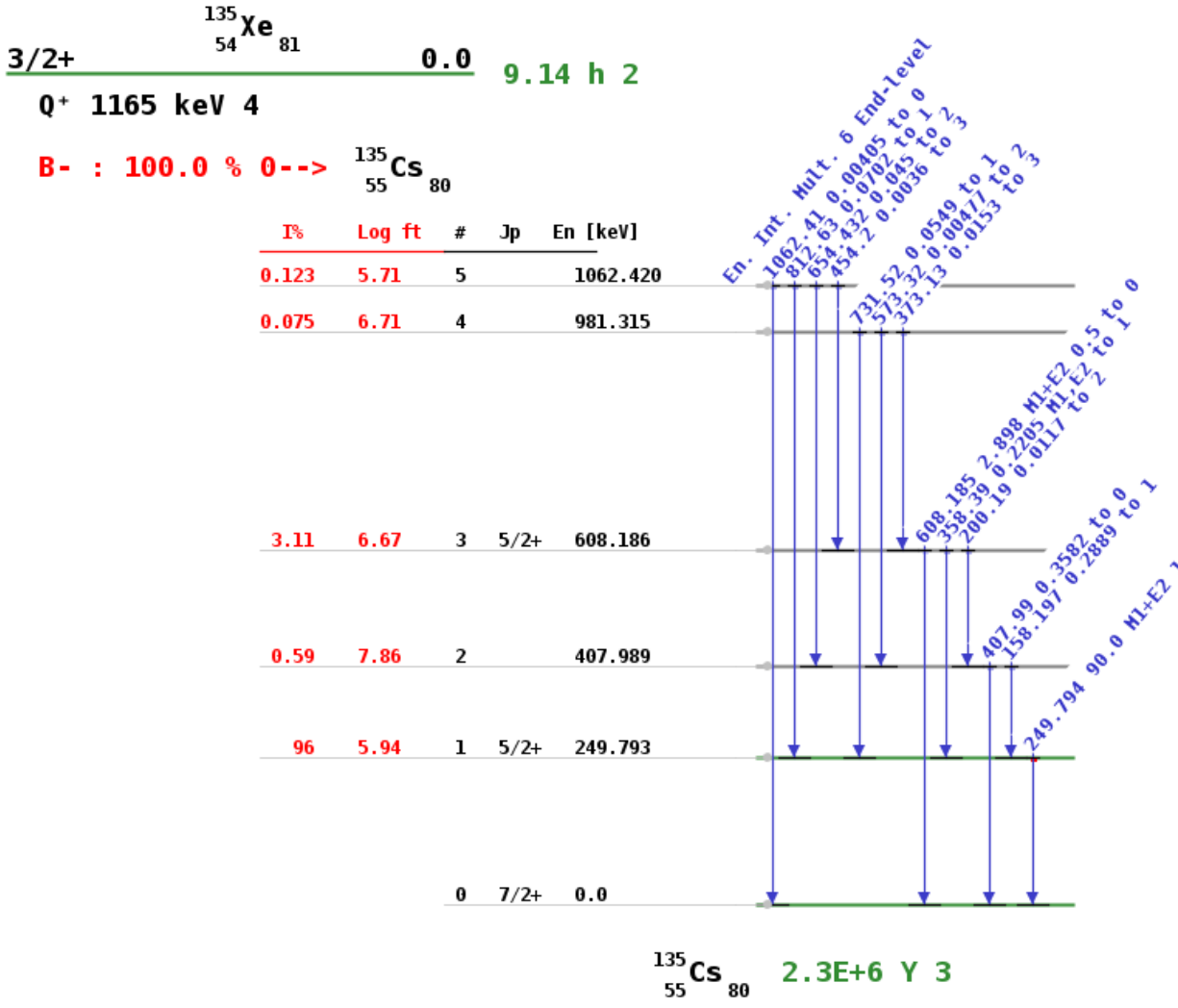
IAEA
International Atomic Energy Agency

NDLab
virtual experiments with nuclear data

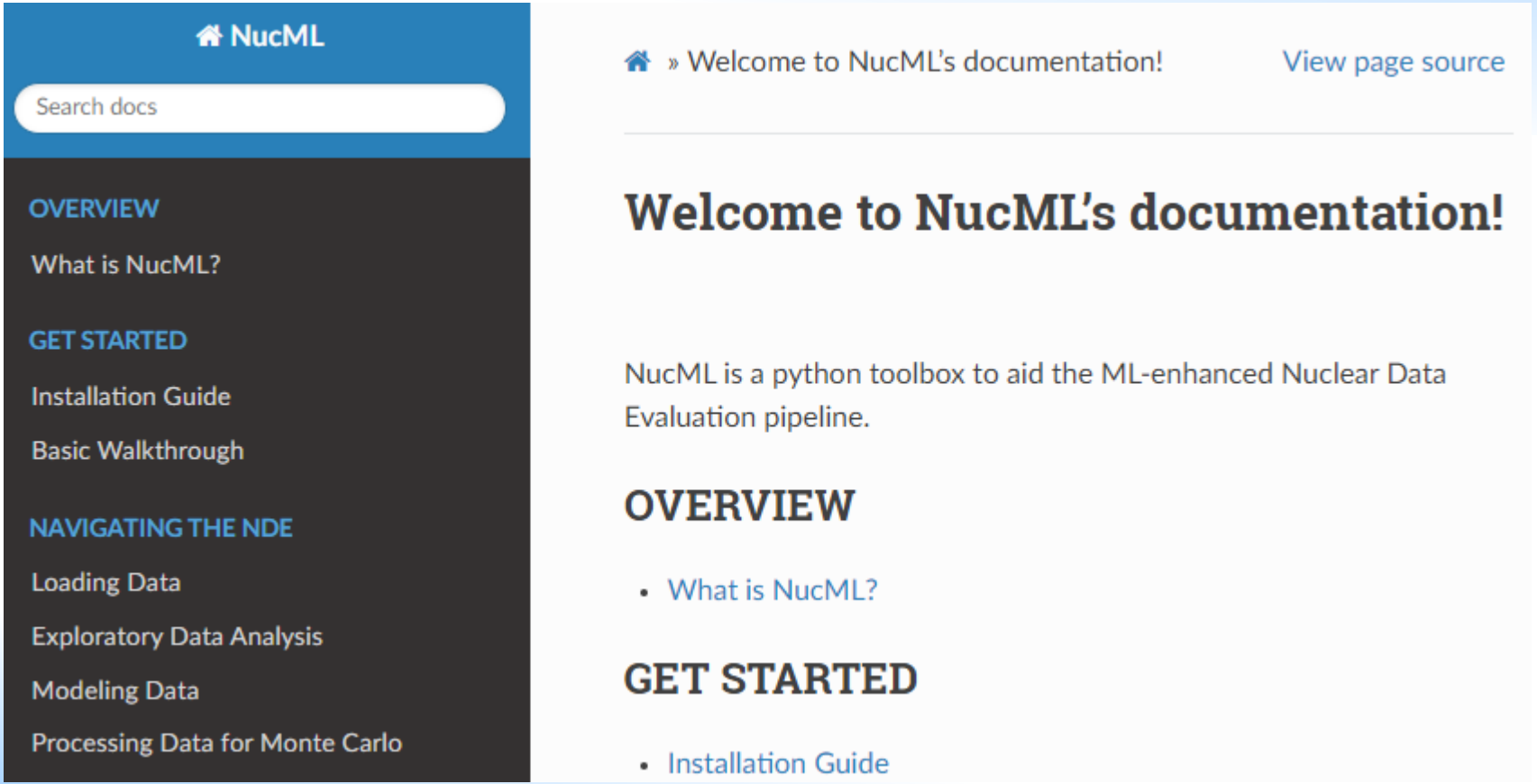
A Python toolkit enabling the use of AI algorithms

The Arena of the game:

Structure & Decay data



Increasing interest in machine readable data



The issue I want to address:

“We don’t have better algorithms, we just have more data”

Peter Norvig
Google, Director of Research

A data modelthat

mirrors the language
of nuclear physics

can seamlessly interact
with data analysis tools

An HTML version of the tutorial is available at

ndlab-tutorial (iaea-nds.github.io)

DNLab documentation is available at

https://iaea-nds.github.io/ndlab/

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NDLab (github.com)