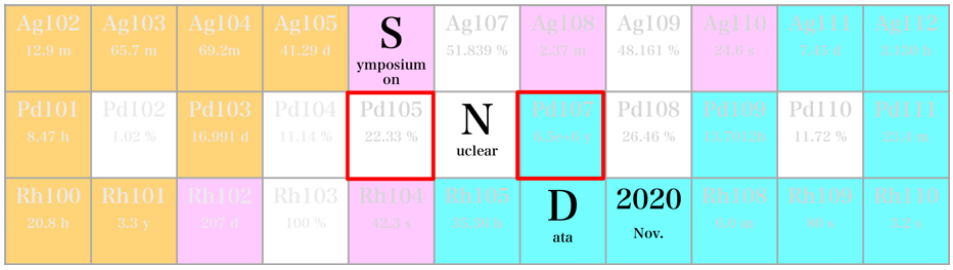

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Proposal of 1 A class deuteron single cell linac / 大強度重陽子加速器 ImPACT2017 の提案

A 1-ampere-class high-intensity deuteron linac (ImPACT2017 model) is proposed for mitigating long-lived fission products (LLFPs) by nuclear transmutation. This accelerator consists of single-cell rf cavities with magnetic focusing elements to accelerate deuterons beyond 1A up to 200MeV/u.

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