

Symposium on Nuclear Data 2020

Ag102 12.9 m	Ag103 65.7 m	Ag104 69.2m	Ag105 41.29 d	S ymposium on	Ag107 51.839 %	Ag108 2.37 m	Ag109 48.161 %	Ag110 24.6 s	Ag111 7.45 d	Ag112 3.130 h
Pd101 8.47 h	Pd102 1.02 %	Pd103 16.991 d	Pd104 11.14 %	Pd105 22.33 %	N uclear	Pd107 8.36+0.4 y	Pd108 26.46 %	Pd109 11.70(2) s	Pd110 11.72 %	Pd111 33.4 ms
Rh100 20.8 h	Rh101 3.3 y	Rh102 2.72 d	Rh103 100 %	Rh104 42.3 s	Rh105 37.95 h	D ata	2020 Nov.	Rh108 8.0 m	Rh109 89 s	Rh110 3.3 s

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Type: **Oral Presentation**

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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