

The Canadian Astroparticle physics Summer Student Talk (CASST)
Competition 2023

Contribution ID: 23

Type: **not specified**

Cryogenic Distillation

Friday 18 August 2023 09:30 (15 minutes)

Argon and krypton gas was enriched using cryogenic distillation. The goal is to measure the HETP (height equivalent theoretical plate) for krypton gas based on the data that was collected to see if it is the same as it is for argon. If it is, then from there the VPIE (vapour pressure isotopic effect) can be extrapolated by assuming that the HETP is constant for all noble gases.

Topics - Please choose one:

Experiment / Theory

Author: WICKMAN, Drake

Presenter: WICKMAN, Drake

Session Classification: Session IV