

Boron Targets:

These targets come from American Elements
The two packages are identical.
Same part and lot #'s

There is a problem somewhere

P/N: 30-401-150-0101

Lot #: 1141151028-412

Foil #1

mass = 0.7867 g

$V = 0.323 \text{ cm}^3$

$\phi D = 12.58 \text{ mm}$

$t = 2.6 \text{ mm}$

$\rho = 2.434 \text{ g/cm}^3$

Foil #2

mass = 0.7152 g

$V = 0.304 \text{ cm}^3$

$\phi D = 12.52 \text{ mm}$

$t = 2.6 \text{ mm} \quad 2.45 \text{ mm}$

$\rho = 2.352 \text{ g/cm}^3$

$$A(B_4^{10}C) = 52$$

$$A(B_4^{11}C) = 56$$

This is inconclusive which is B^{11} or B^{10}
is either one correct.