ERRATUM

Erratum to: Theoretical assessment of production routes for ^{63}Zn by cyclotron

Malihe Rostampour¹ · Mohammadreza Aboudzadeh² · Mahdi Sadeghi² · Saeid Hamidi¹

Published online: 25 February 2017
© Akadémiai Kiadó, Budapest, Hungary 2017

Erratum to: J Radioanal Nucl Chem (2016)
309:677–684
DOI 10.1007/s10967-015-4675-3

Unfortunately in the original publication of the article, the reported values for proton induced reactions in the

Table 2 were Activity per micro Amper (GBq/μA). Consequently, the theoretical and experimental yields (GBq/μA h) for these reactions are recalculated and provided below.

The online version of the original article can be found under doi: [10.1007/s10967-015-4675-3](https://doi.org/10.1007/s10967-015-4675-3).

✉ Malihe Rostampour
msadeghi@nrcam.org

¹ Department of Physics, Arak University, 38156 Arak, Iran

² Radiation Application Research School, Nuclear Science and Technology Research Institute,
P.O. Box: 11365-8486, Tehran, Iran

Table 2 Comparison between isotopic impurities, the theoretical and experimental yields for different reactions of ^{63}Zn production

Reaction	Energy range (MeV)	Theoretical yield (GBq/ $\mu\text{A h}$)		Experimental yield (GBq/ $\mu\text{A h}$)	Isotopic impurities
		Talys-1.6	Empire-3.2.2		
$^{63}\text{Cu}(\text{p},\text{n})^{63}\text{Zn}$	14→5	7.67	8.10	8.13 [5]	
$^{65}\text{Cu}(\text{p},3\text{n})^{63}\text{Zn}$	50→30	13.55	13.36	13.80 [6]	^{64}Zn
$^{\text{nat}}\text{Cu}(\text{p},\text{n})^{63}\text{Zn}$	16→6	6.25	6.33	6.35 [7]	^{65}Zn , ^{64}Zn
$^{64}\text{Zn}(\text{p},\text{n}+\text{p})^{63}\text{Zn}$	30→14	27.72	22.71	29.72 [8]	^{64}Zn
$^{63}\text{Cu}(\text{d},2\text{n})^{63}\text{Zn}$	18→7	1.768	2.24	2.39 [11]	
	30→7	5.36	6.4877		
$^{60}\text{Ni}(\alpha,\text{n})^{63}\text{Zn}$	30→9	0.67	0.59	0.856 [12]	
$^{62}\text{Ni}(\alpha,3\text{n})^{63}\text{Zn}$	45→30	0.2725	0.31	0.29 [8]	^{64}Zn