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CORRIGENDA

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Corrigendum: Charged particles flux measurement from PMMA irradiated by 80 MeV u^{-1} carbon ion beam (*Phys. Med. Biol.* 57 5667)

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The measured differential production rate for protons produced with $E_{\mathrm{kin}}^{\mathrm{Prod}} > 83$ MeV and emitted at 90° with respect to the beam line is: $\mathrm{d}N_{\mathrm{P}}/(\mathrm{d}N_{\mathrm{C}}\mathrm{d}\Omega)(E_{\mathrm{kin}}^{\mathrm{Prod}} > 83\ \mathrm{MeV}, \theta = 90°) = (2.14 \pm 0.06_{\mathrm{stat}} \pm 0.10_{\mathrm{sys}}) \times 10^{-5}\mathrm{sr}^{-1}$.

This is a corrigendum to: Agodi *et al* 2012 *Phys. Med. Biol.* **57** 5667.

Figure 9 is replaced by figure 1.

In section 5, equations (3) and (4) are replaced by the following equations (1) and (2), respectively:

$$\frac{\mathrm{d}N_{\mathrm{P}}}{\mathrm{d}N_{\mathrm{C}}\mathrm{d}\Omega}(E_{\mathrm{kin}}^{\mathrm{Prod}} > 7\ \mathrm{MeV}, \theta = 90°) = (7.61 \pm 0.14_{\mathrm{stat}} \pm 0.32_{\mathrm{sys}}) \times 10^{-5}\,\mathrm{sr}^{-1} \quad (1)$$

$$\frac{\mathrm{d}N_{\mathrm{P}}}{\mathrm{d}N_{\mathrm{C}}\mathrm{d}\Omega}(E_{\mathrm{kin}}^{\mathrm{Prod}} > 83\ \mathrm{MeV}, \theta = 90°) = (2.14 \pm 0.06_{\mathrm{stat}} \pm 0.10_{\mathrm{sys}}) \times 10^{-5}\,\mathrm{sr}^{-1} \quad (2)$$

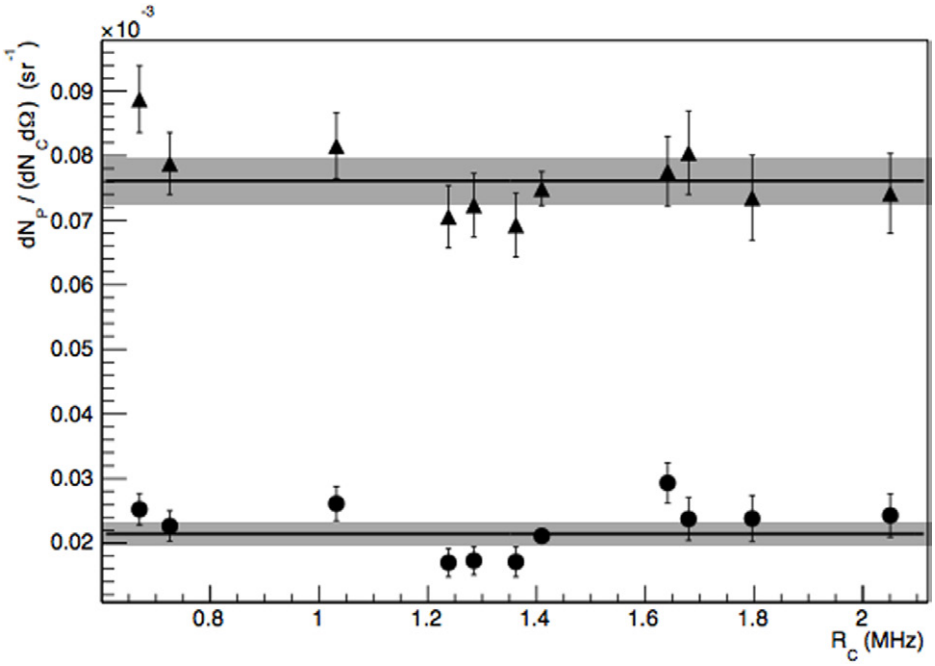

Figure 1. Double differential production rate for secondary particles emitted at 90° with respect to the beam line, as a function of the rate of the carbon ions R_C reaching the PMMA target: all identified protons (triangles) and protons with $E_{kin} > 60$ MeV (circles).

In section 6, the final paragraph is:

The measured differential production rate for protons with $E_{kin}^{Prod} > 83$ MeV and emitted at 90° with respect to the beam line is: $dN_P / (dN_C d\Omega)$ ($E_{kin}^{Prod} > 83$ MeV, $\theta = 90°$) = (2.14 ± 0.0 6_{stat} ± 0.10_{sys}) × 10^{-5} sr^{-1}.

References

Agodi C *et al* 2012 Charged particle's flux measurement from PMMA irradiated by 80 MeV u^{-1} carbon ion beam *Phys. Med. Biol.* **57** 5667