

ERRATUM: “THE *HERSCHEL* INVENTORY OF THE AGENTS OF GALAXY EVOLUTION (HERITAGE) IN THE MAGELLANIC CLOUDS, A *HERSCHEL* OPEN TIME KEY PROGRAM” (2013, *AJ*, 146, 62)

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Received 2014 December 17; accepted 2014 December 26; published 2015 February 2

We provide a corrected Table 4 that lists the total galaxy fluxes for the HERTIAGE bands and corresponding Figure 19 which plots these fluxes in comparison to prior measurements. These corrected fluxes differ by up to 41% to what we reported in the original paper. These revised fluxes utilize a more appropriate subtraction of the Milky Way Foreground Cirrus emission which contaminates especially the PACS 100 and 160 μm bands. The subtraction process uses the HI 21 cm emission to develop a model for the MW cirrus dust emission. In addition, the better subtraction process corrected for an over subtraction of the background in the SPIRE images of the SMC that occurred during the original data processing. The need for these better foreground subtractions was realized while working on an analysis of the dust masses and gas-to-dust ratios in the LMC and SMC reported by Gordon et al. (2014) and Roman-Duval et al. (2014). After the subtraction has been done, the fluxes were derived by simply summing up all the pixels in the image. The errors we quote for the fluxes reflect the absolute flux calibration errors for extended sources which are $\sim 10\%$ for PACS and $\sim 8\%$ for SPIRE. In the revised Figure 19, we confirm that these corrected global fluxes remain within the range of prior global measurements for both the LMC and SMC. Indeed, the shape of the corrected spectral energy distributions appears better aligned with prior measurements.

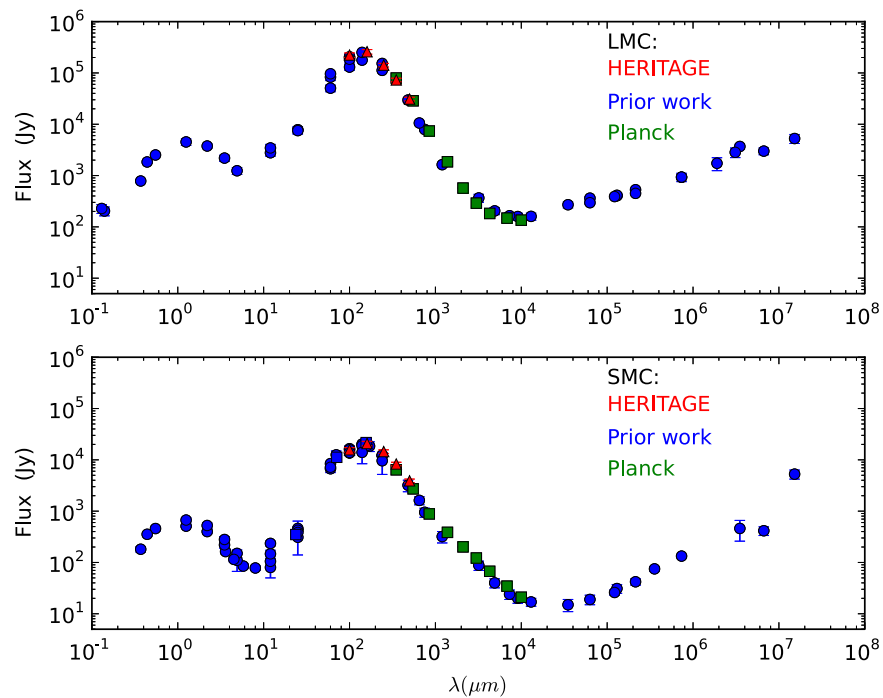


Figure 19. The spectral energy distributions of the whole LMC and SMC cover the UV to radio wavelengths. Prior work summarized by Israel et al. (2010) includes data from ground and space based missions such as *IRAS*, *DIRBE*, *TopHat*, and *WMAP*. For the SMC, we also include prior work (blue squares) from Gordon et al. (2011). The HERITAGE photometry measured in the PACS and SPIRE bands listed in Table 4 are shown in red. The Planck measurements are shown in green (Planck collaboration 2011).

Table 4
Total Galaxy Fluxes in SED

Parameter	PACS λ (μm)		SPIRE λ (μm)		
	100	160	250	350	500
LMC flux (Jy)	$2.2 \pm 0.2 \times 10^5$	$2.6 \pm 0.3 \times 10^5$	$1.4 \pm 0.1 \times 10^5$	$7.3 \pm 0.6 \times 10^4$	$3.1 \pm 0.3 \times 10^4$
SMC flux (Jy)	$1.6 \pm 0.2 \times 10^4$	$2.1 \pm 0.2 \times 10^4$	$1.5 \pm 0.1 \times 10^4$	$8.3 \pm 0.7 \times 10^3$	$3.9 \pm 0.3 \times 10^3$

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