Histogram of the Number of Satellite Galaxies at Different G-Magnitude Slices 1.0 2.0 16 <= gmag < 17 17 <= gmag <mark>< 1</mark>8 8.0 1.5 counts counts 0.6 0.5 0.2 0.0 0.0 31.6 32.0 32.2 31.4 31.8 -40 -20 -60 20 satellites satellites 2.0 18 <= gmag < 19 ■ 19 <= gmag < 20 8 1.5 counts 6 counts 0.5 2 -0.0 -25 20 -20 0 25 50 75 100 125 **-**40 0 40 60 80 satellites satellites 20 <= gmag < 21 ■ 21 <= gmag < 22 50 20 40 on 10 counts 20 5 10 0 -0 _25 -20 60 25 75 100 125 150 20 40 0 50 -40 0 satellites satellites 50 22 <= gmag < 23 gmag >= 23 40 counts 8 counts 10 -10 -1010 20 30 40 50 10 20 30 40 50 -20 0 -30

satellites

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