CN and CH Band Strengths of Bright Giants in M3

Sang-Gak Lee

Department of Astronomy, Seoul National University, Seoul, Korea

CN and CH band strengths for ten bright red giants in M3 have been measured from the archival spectra obtained with MMT. CN-CH band strength anticorrelation is reconfirmed by the program stars together with the stars with published data. That suggests an anticorrelation between carbon and nitrogen abundances with a constant total abundance of carbon and nitrogen.

However, stars, which do not follow the CN-CH anticorrelation, are also found.