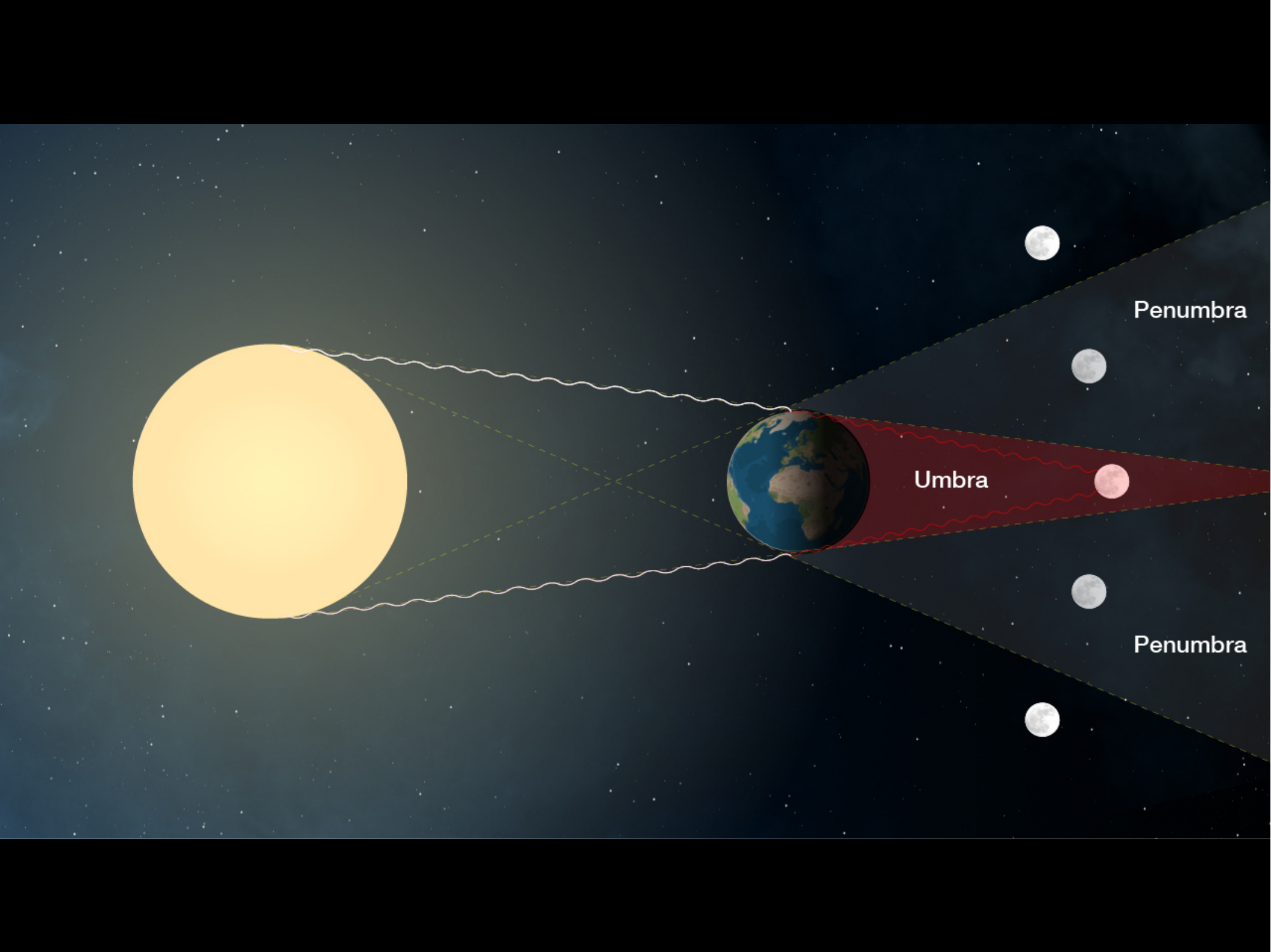


# Kosmische Distanzleiter



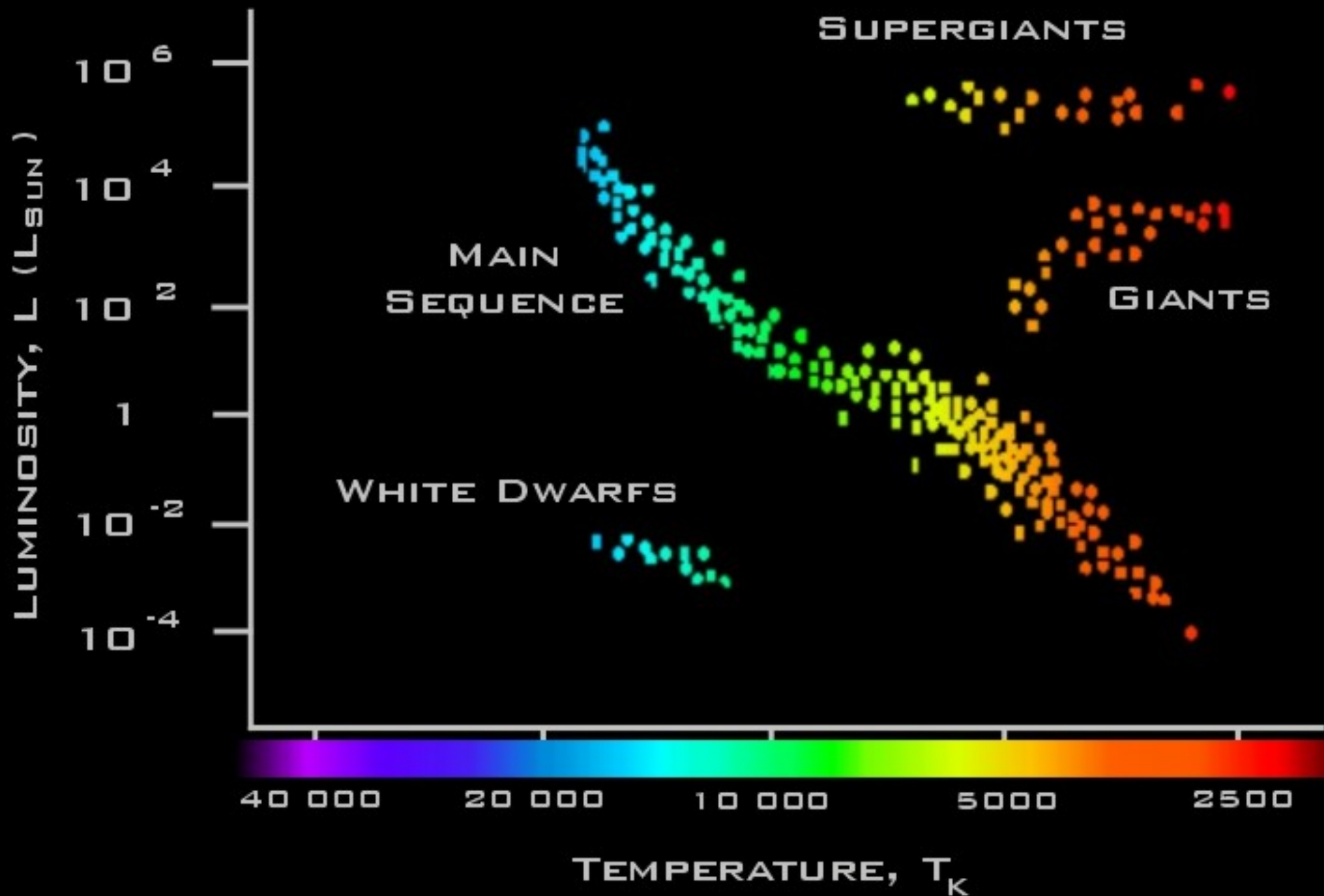


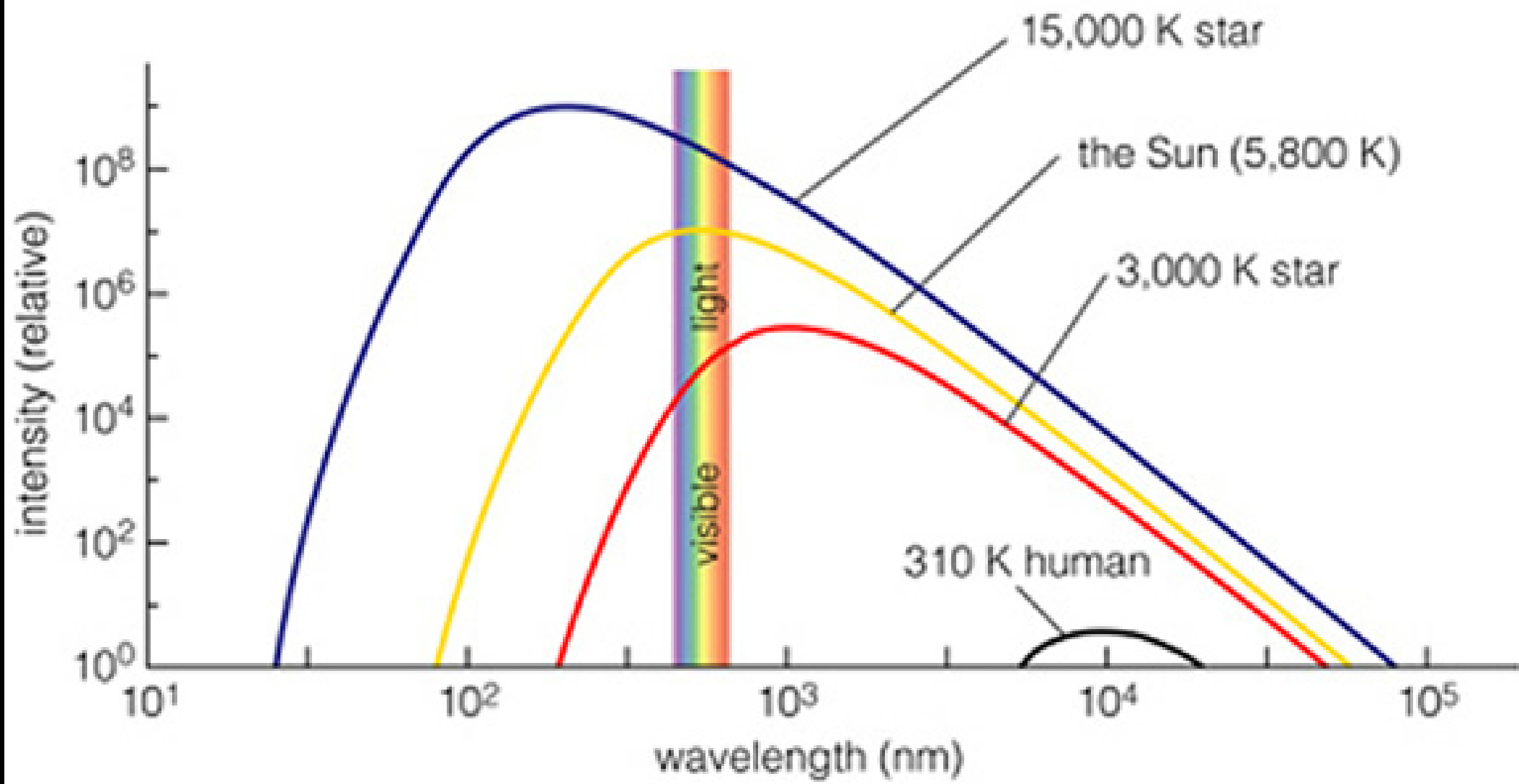


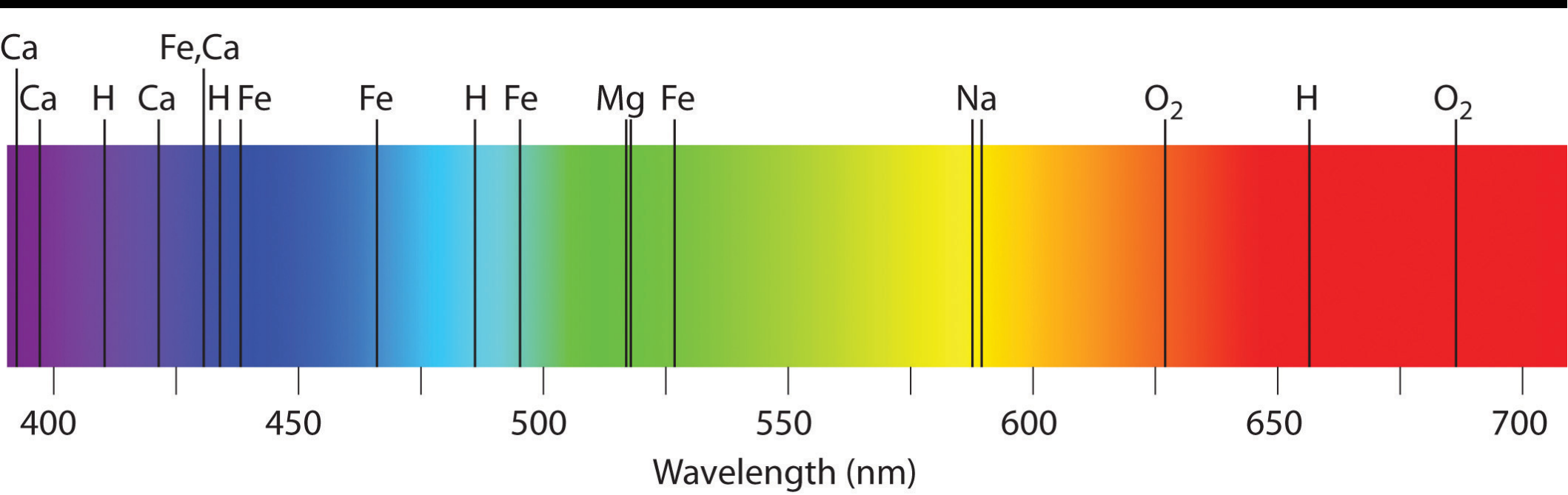
Penumbra

Umbra

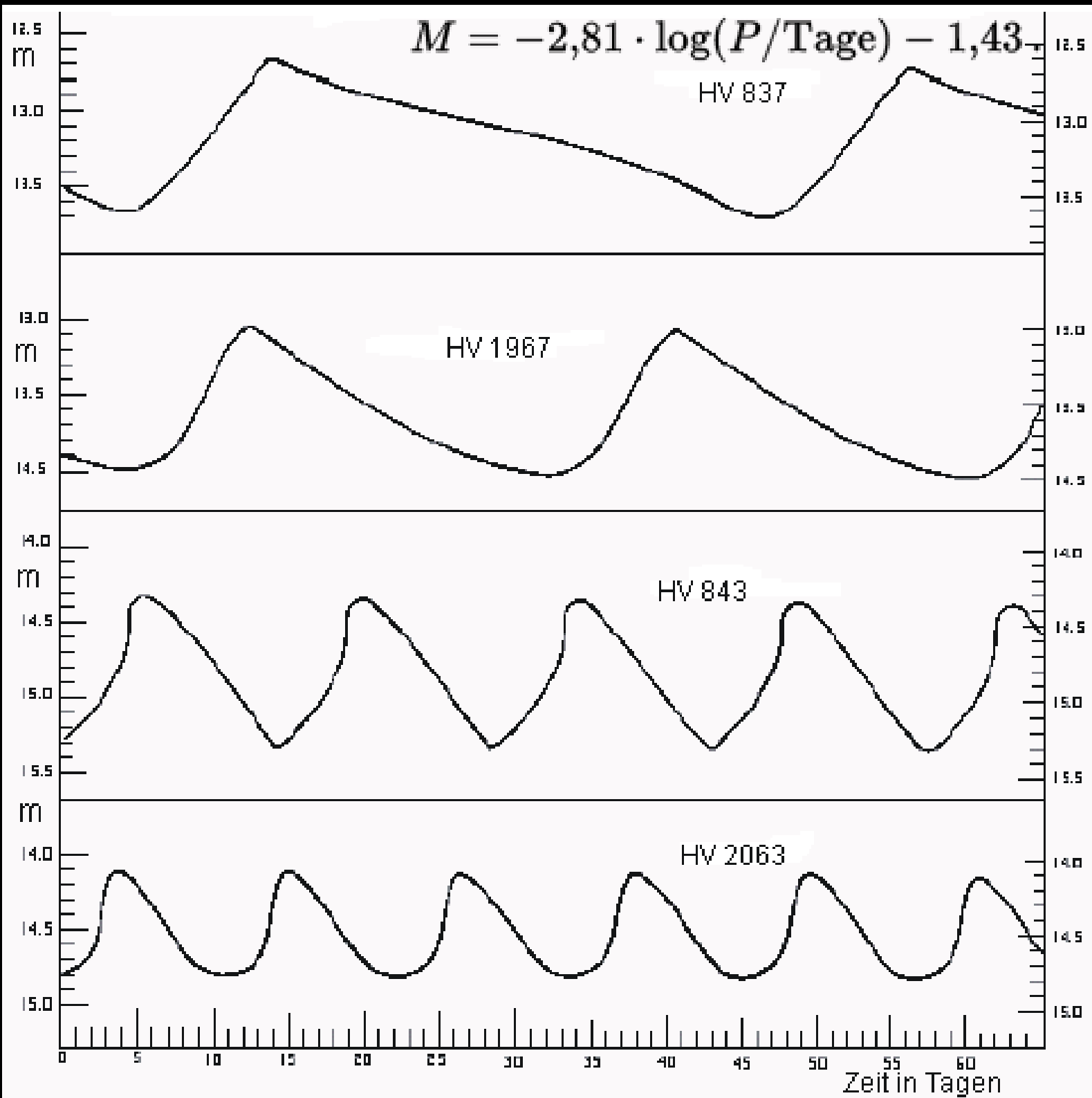
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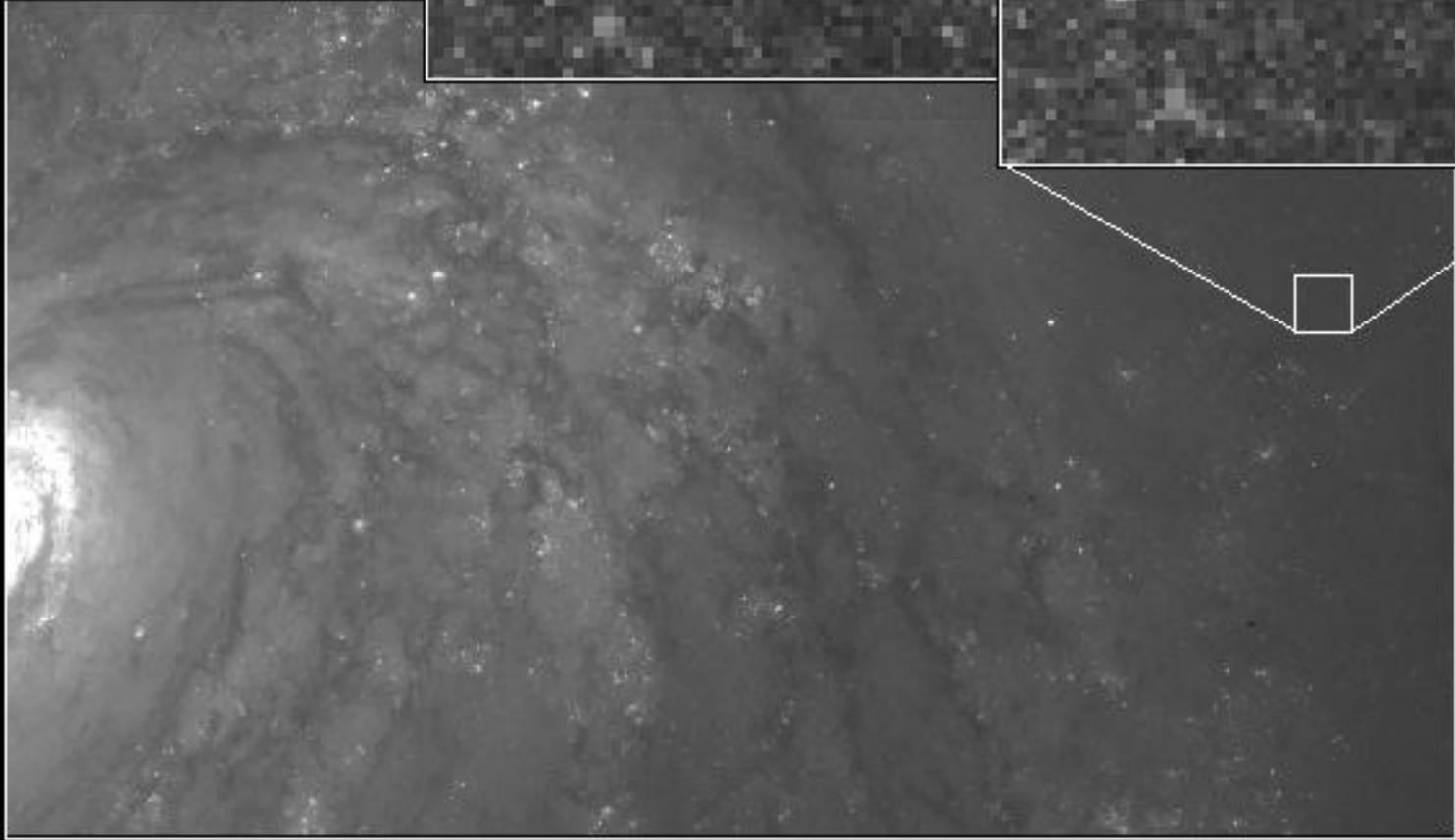
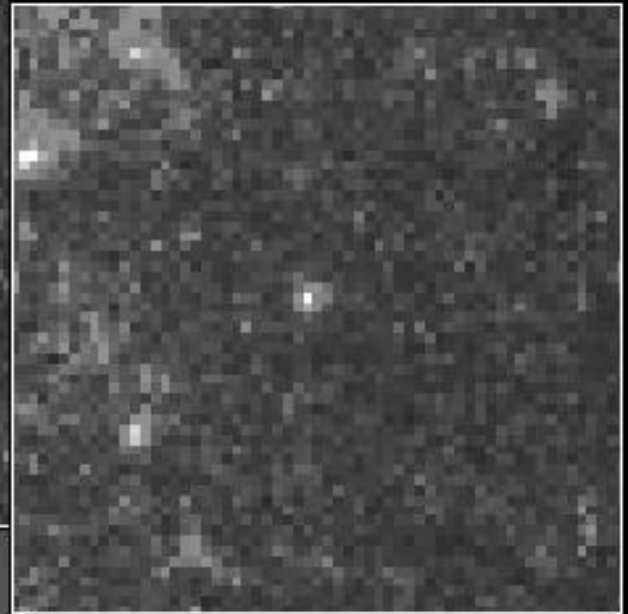
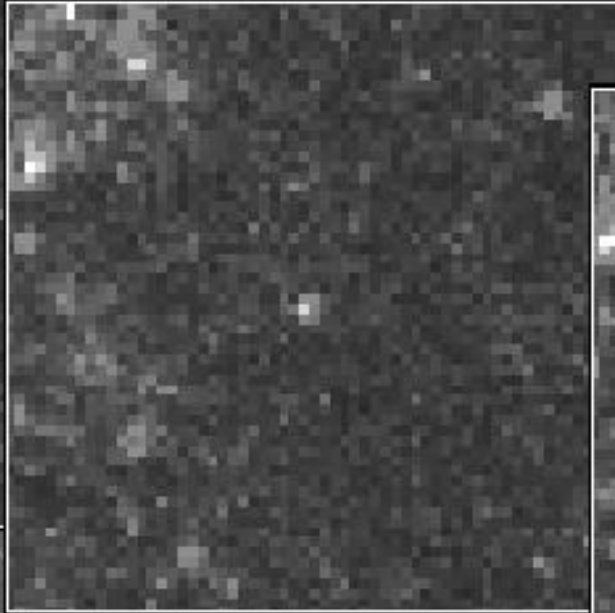
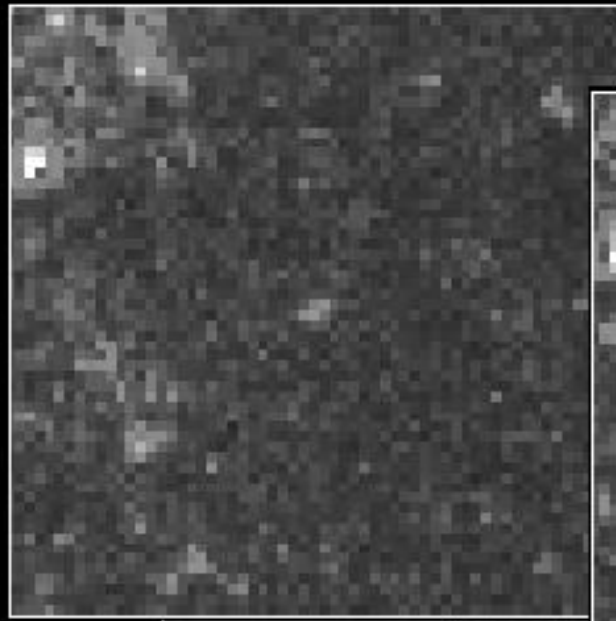






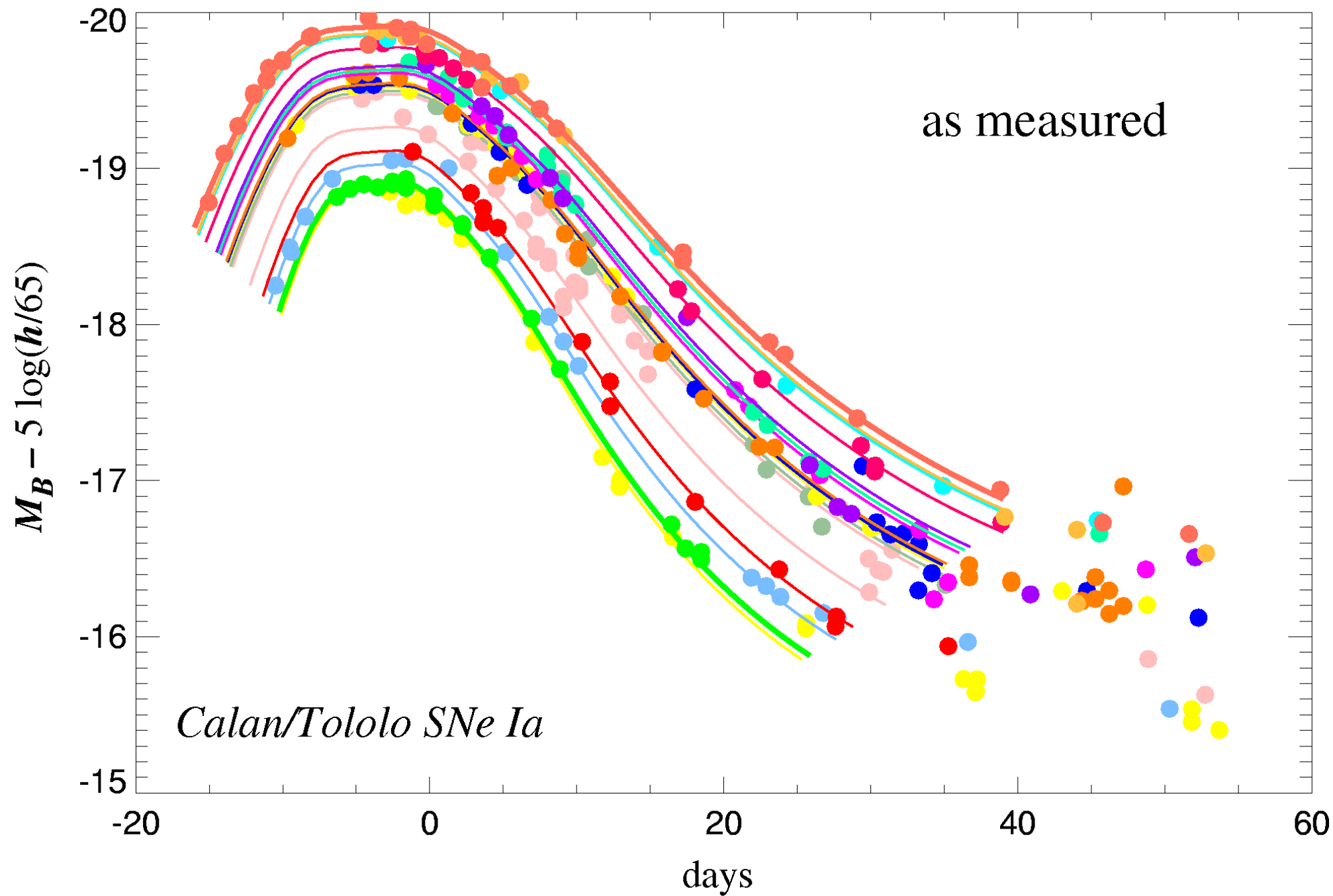
# Cepheid Variable in M100

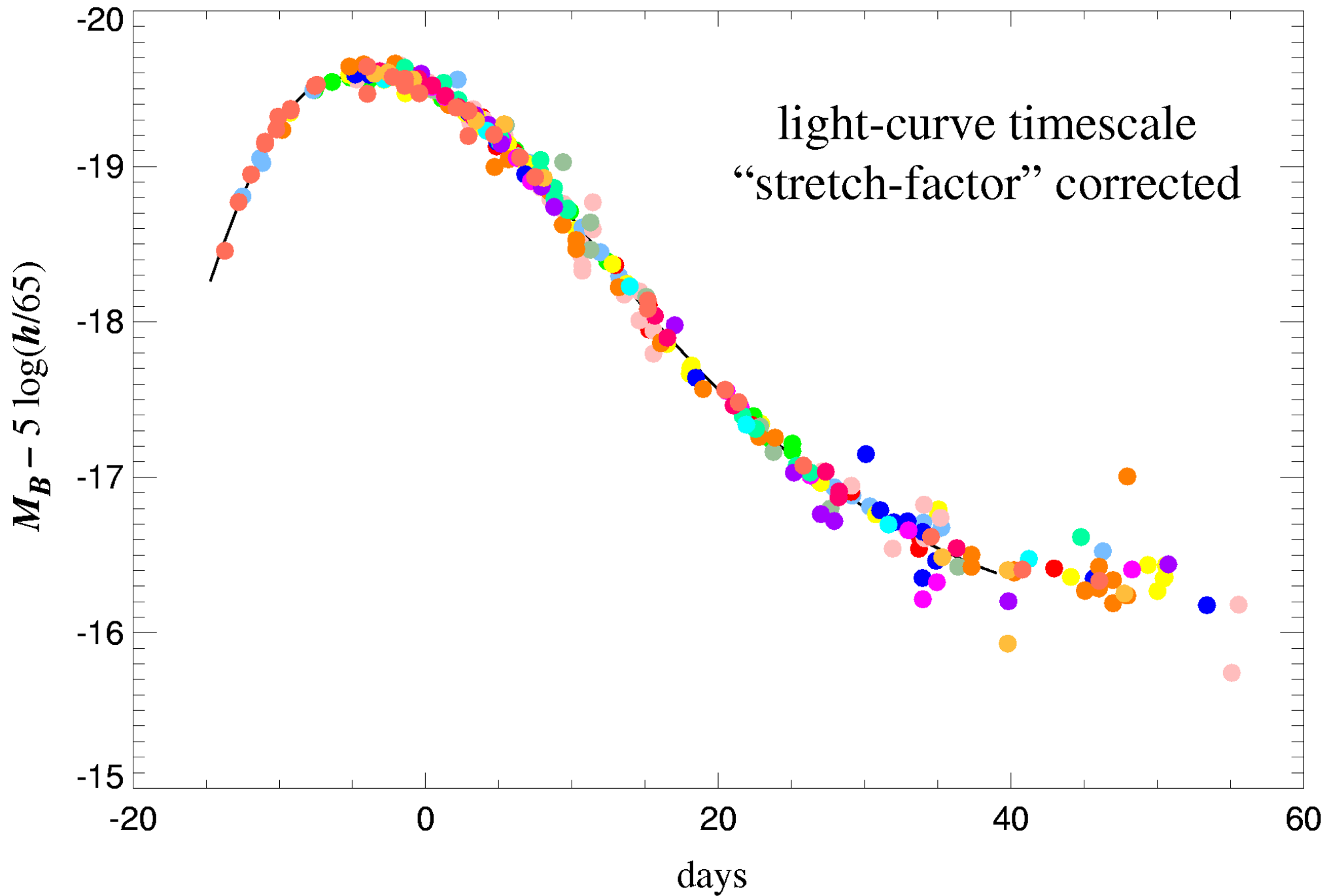
## HST-WFPC2





SN 2011fe





light-curve timescale  
“stretch-factor” corrected

Kim, *et al.* (1997)

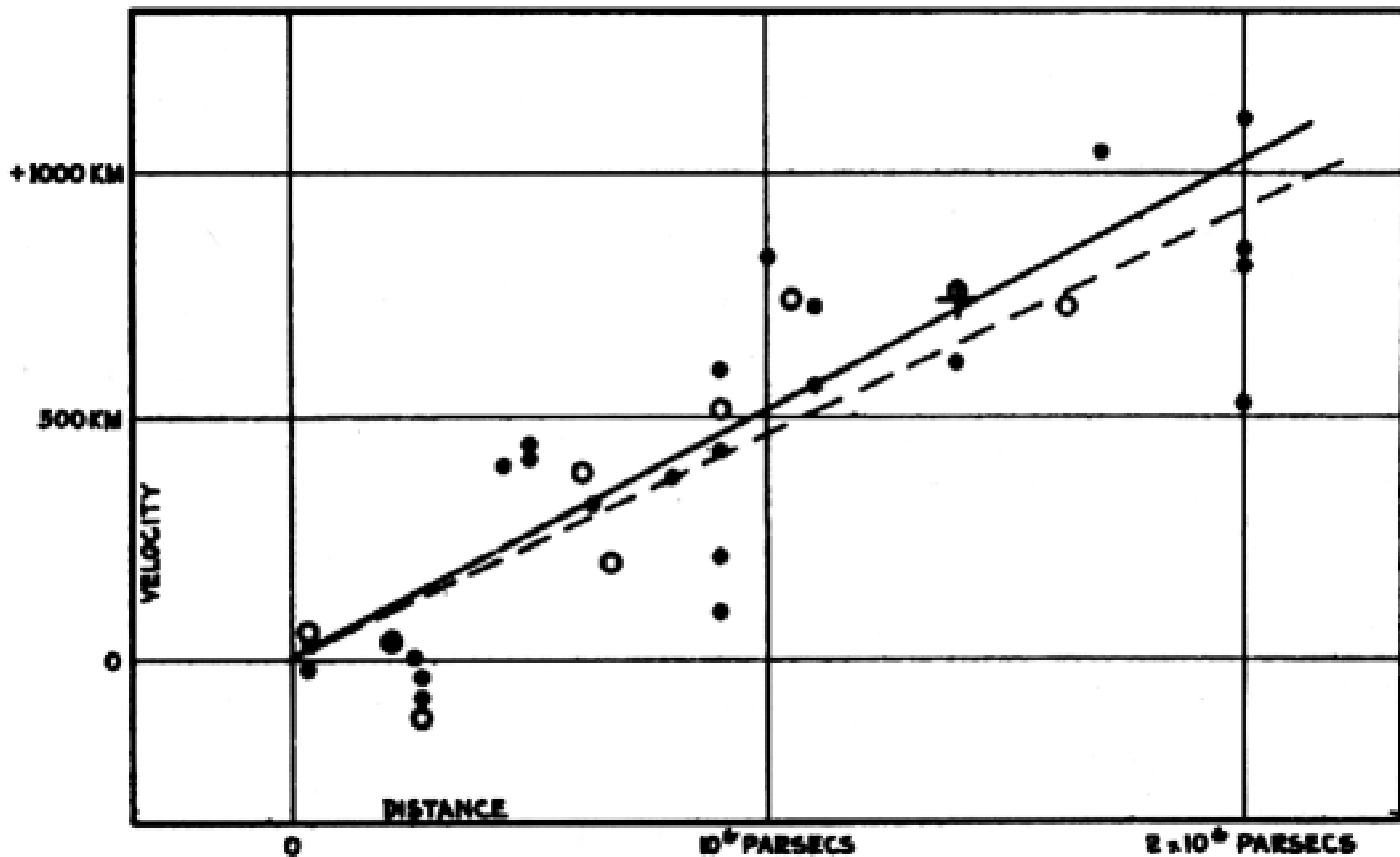


FIGURE 1

Velocity-Distance Relation among Extra-Galactic Nebulae.

