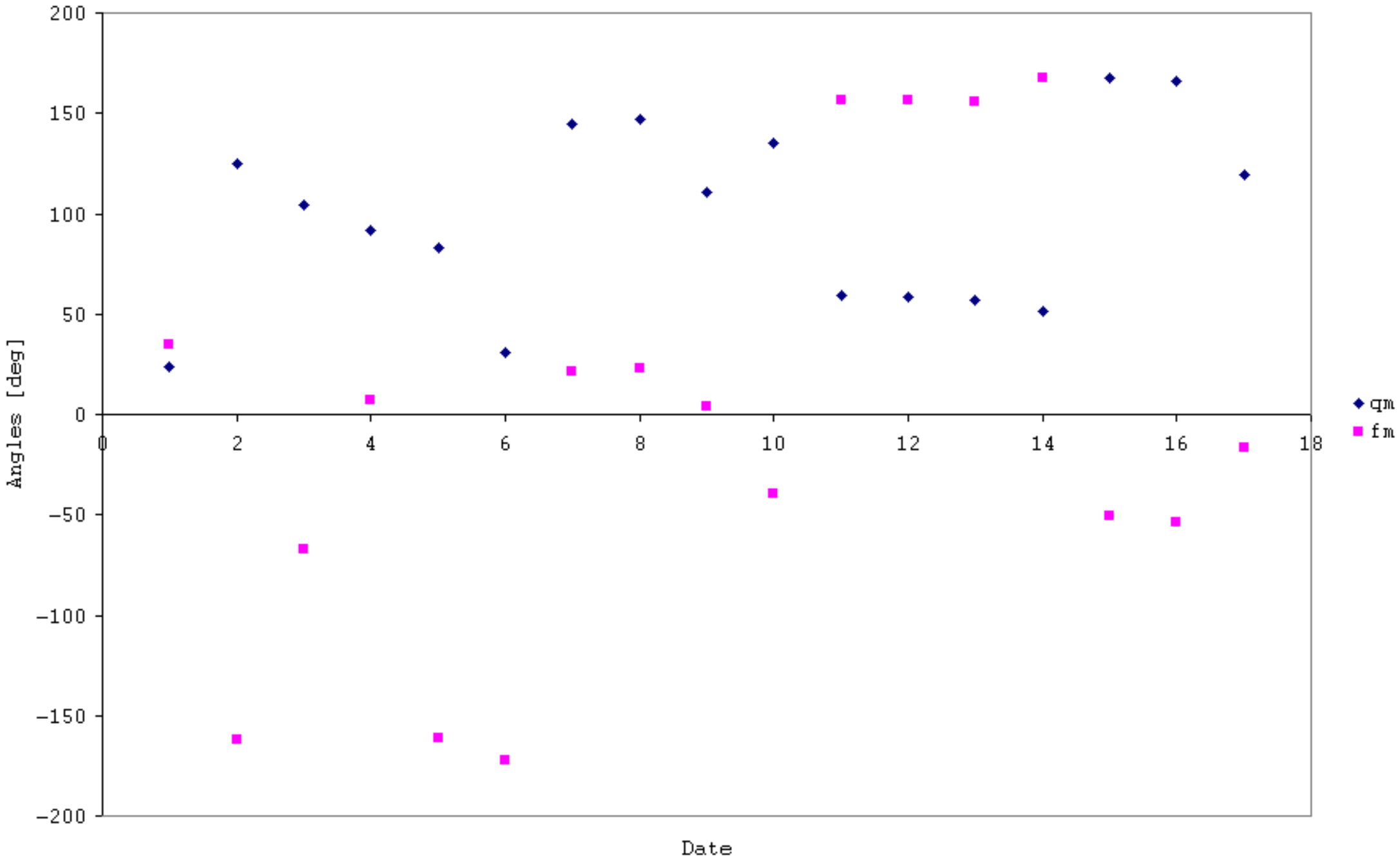ACA Hi-Background Moon Angles