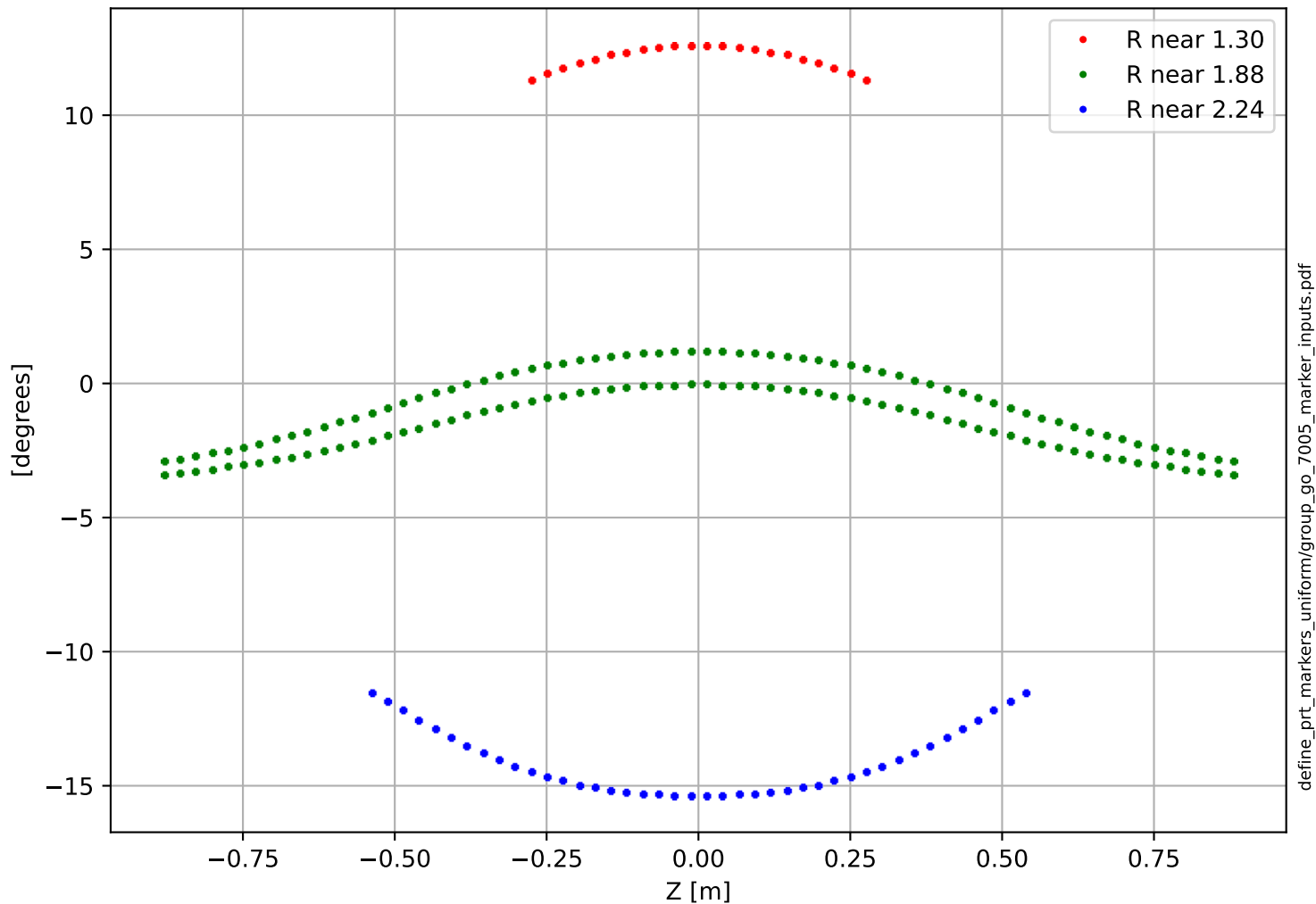
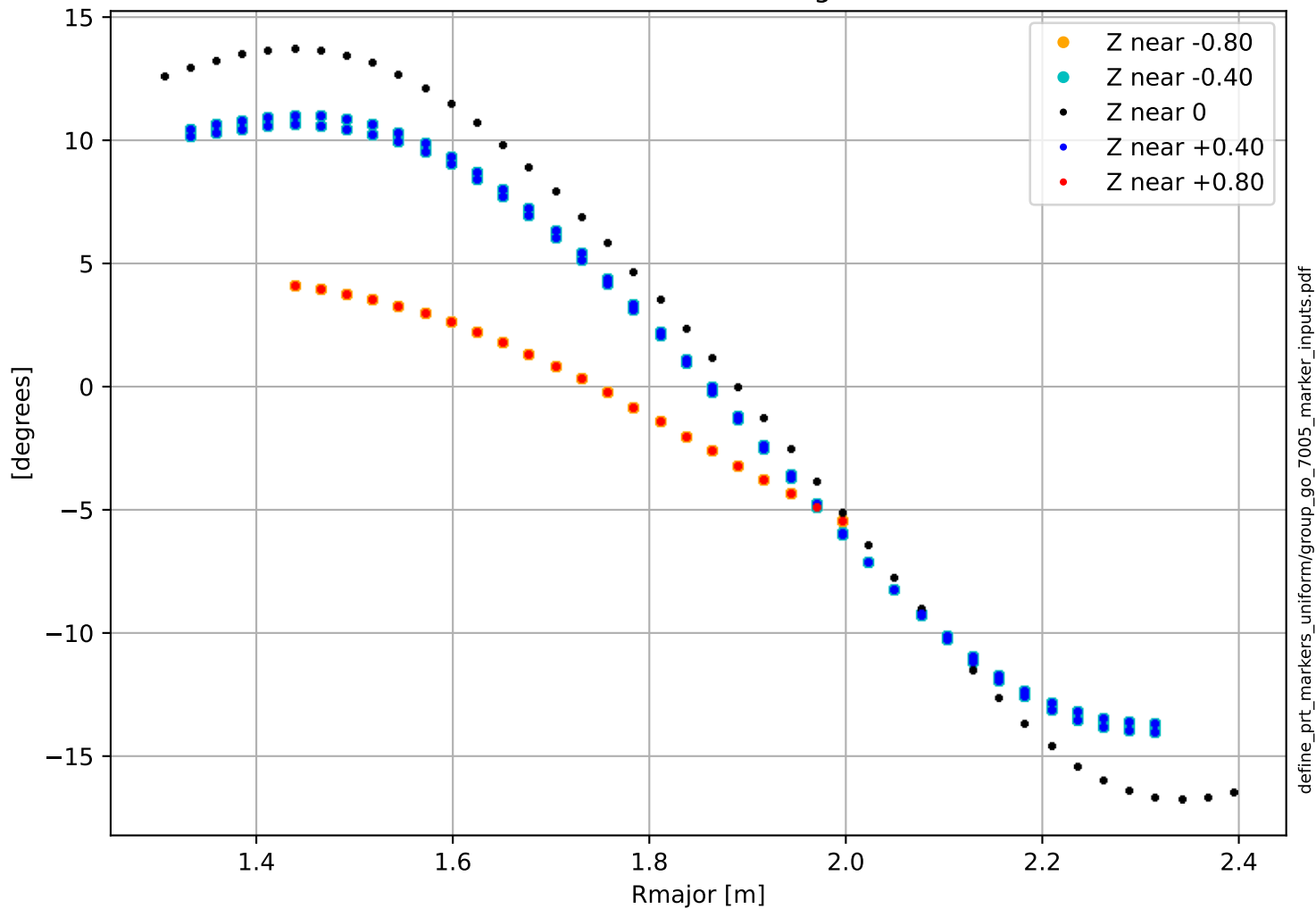


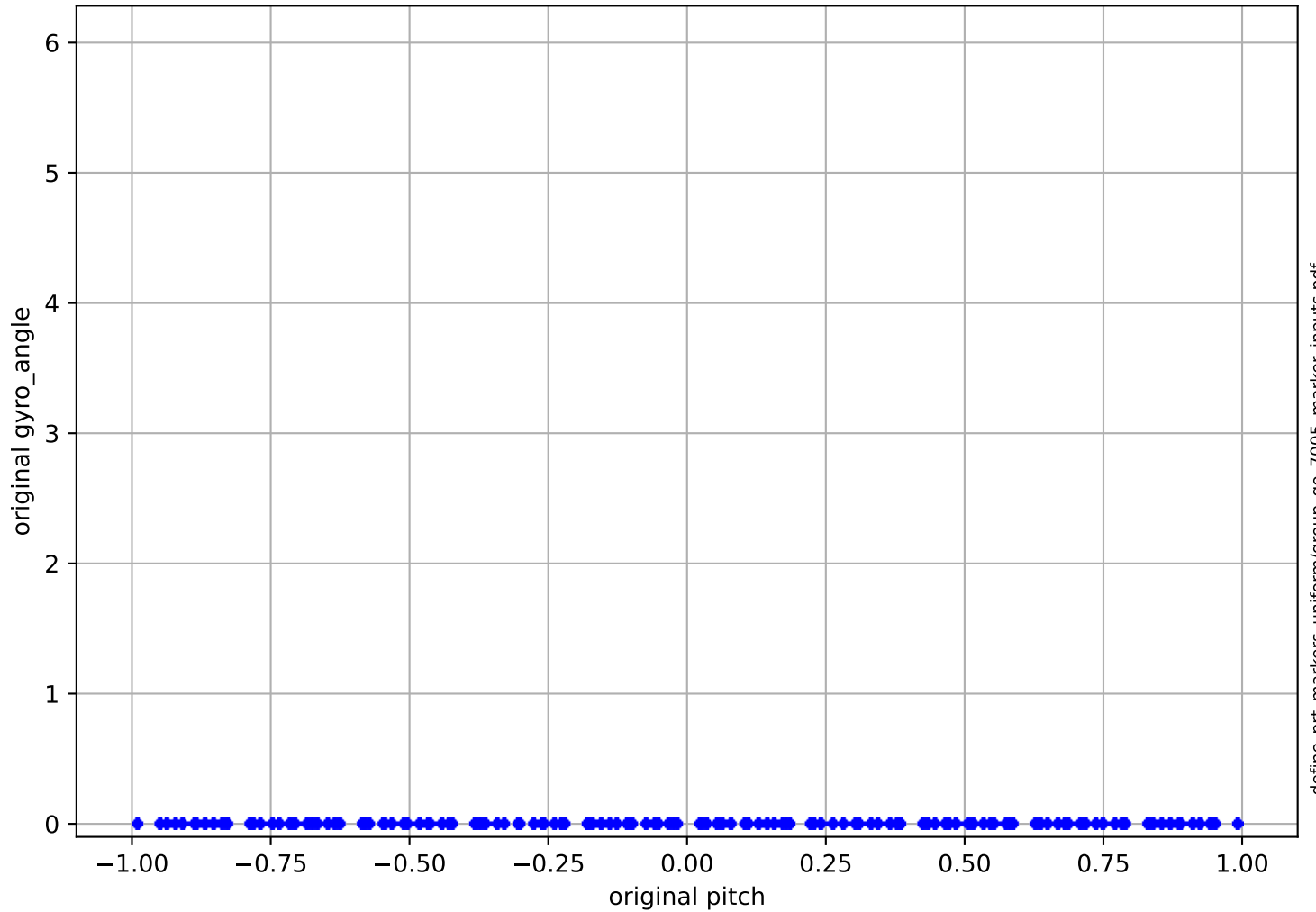
Field-line vertical angles



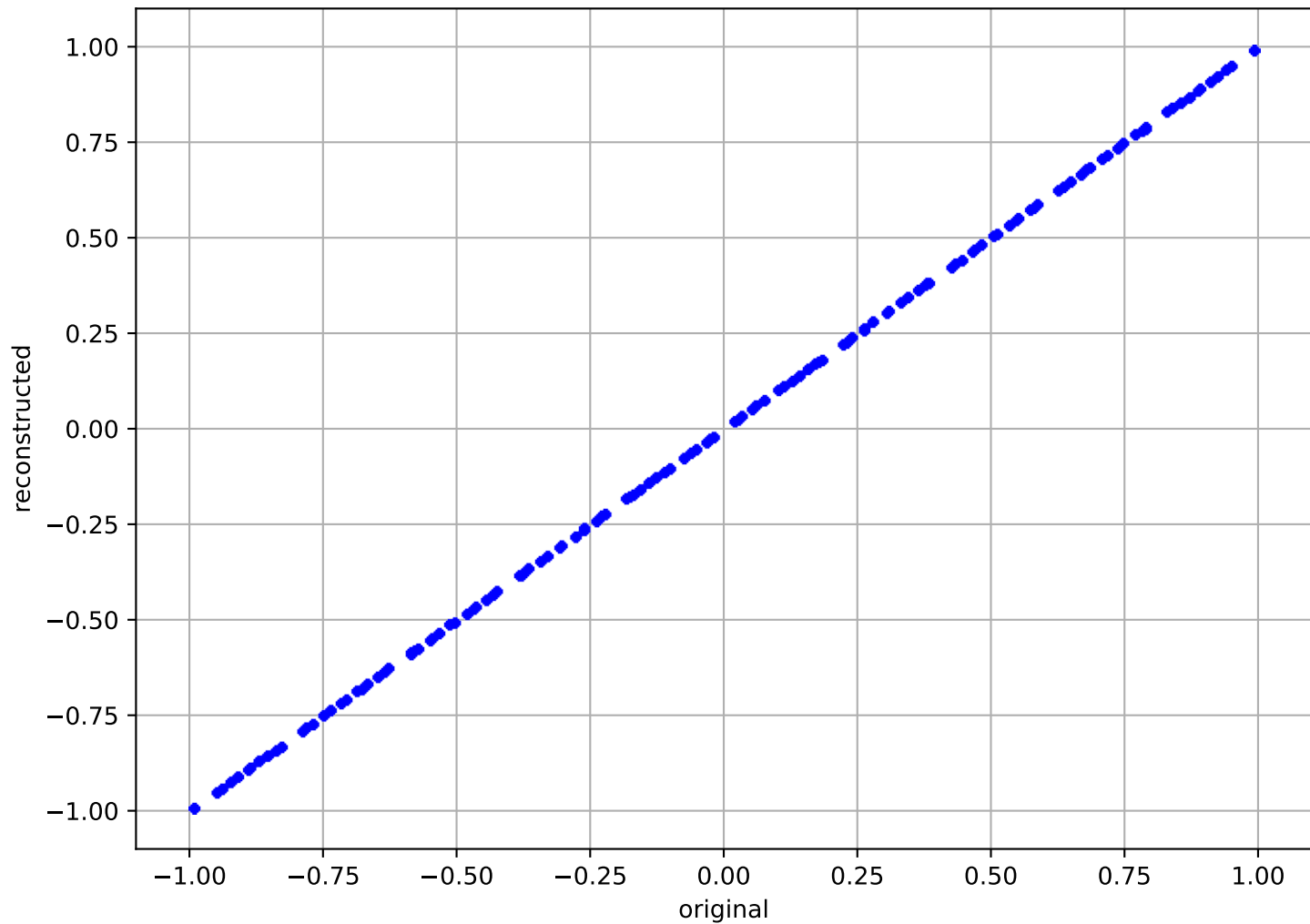
Field-line vertical angles



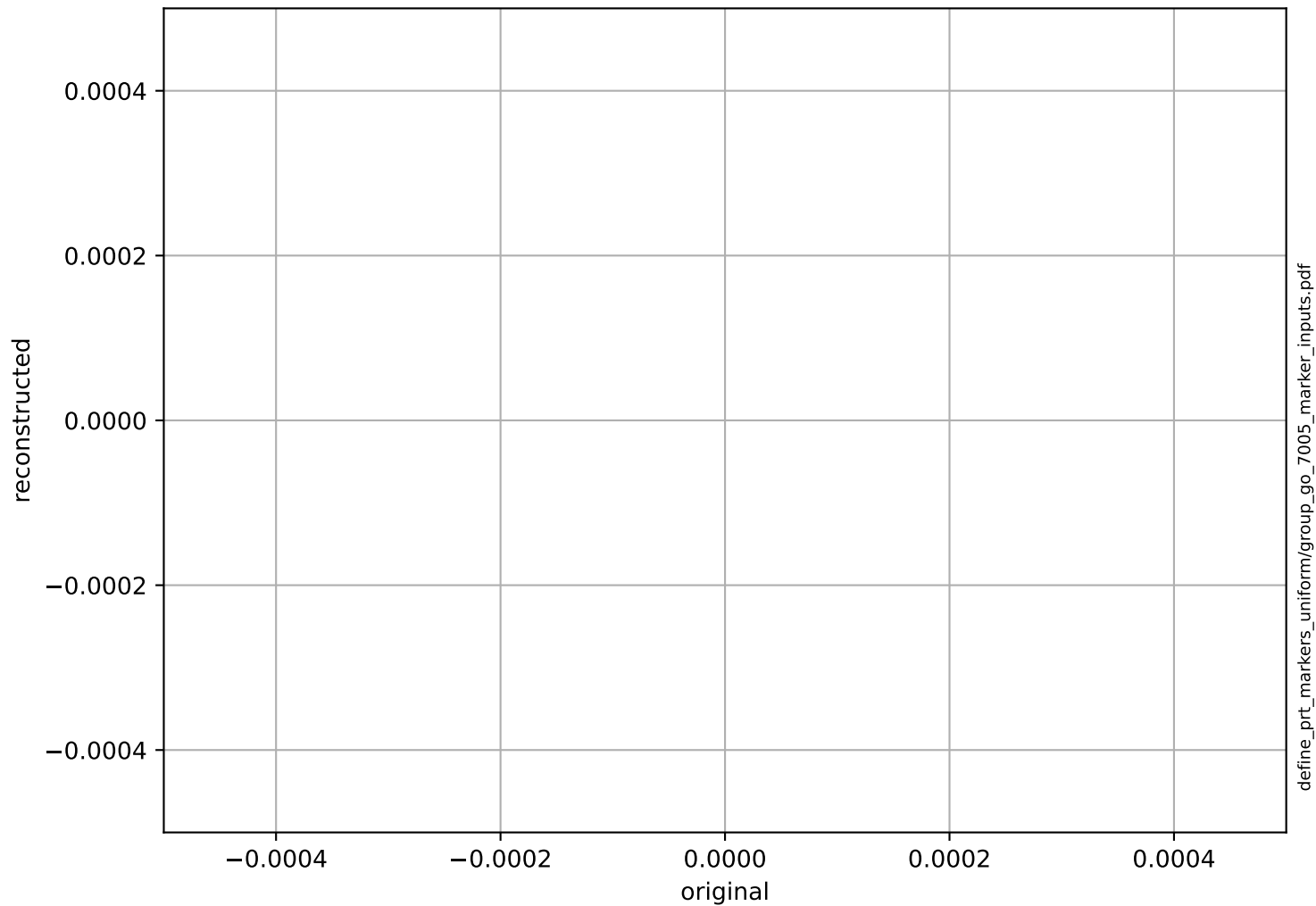
Original pitch and gyro_angles



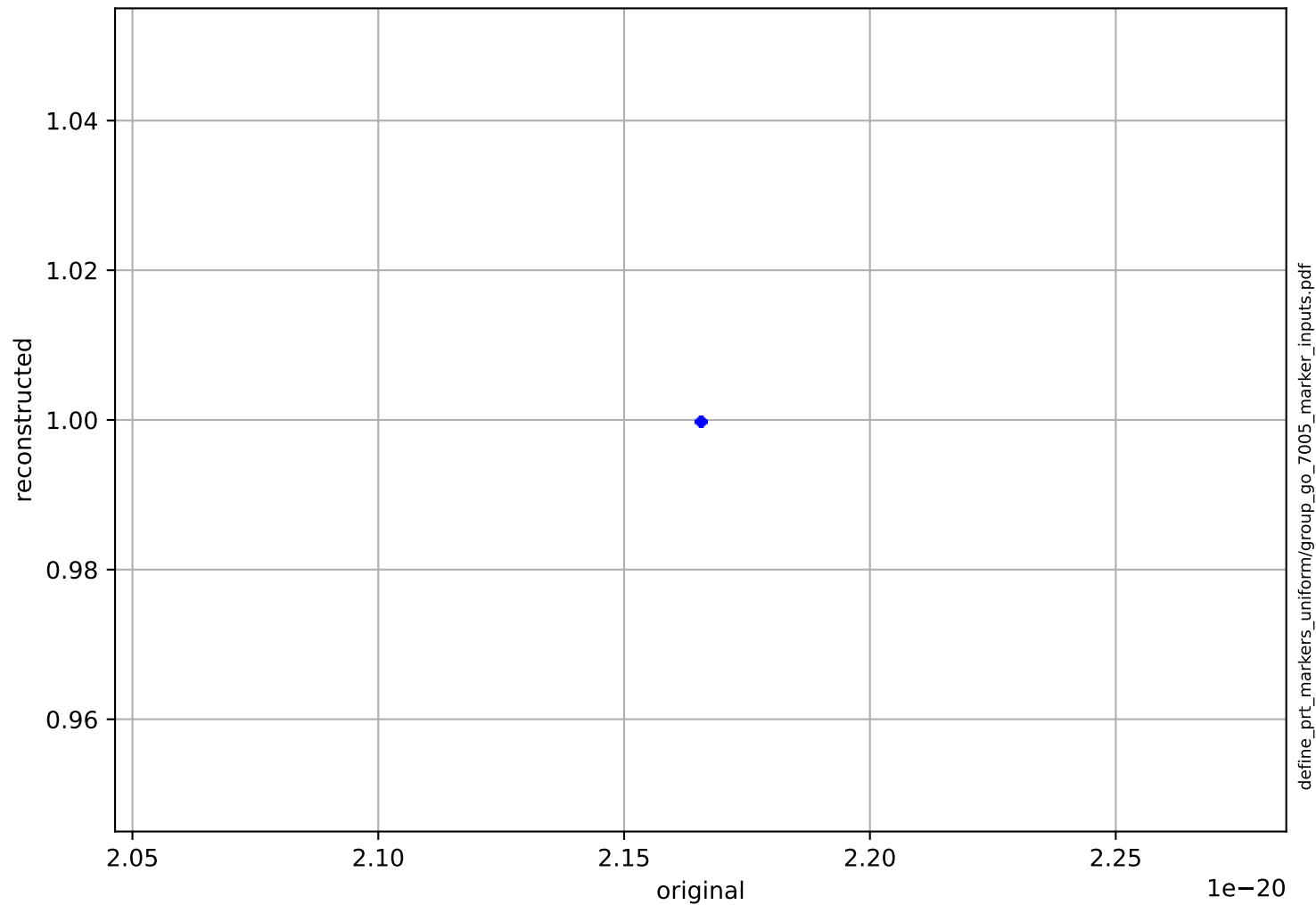
Original and reconstructed pitch



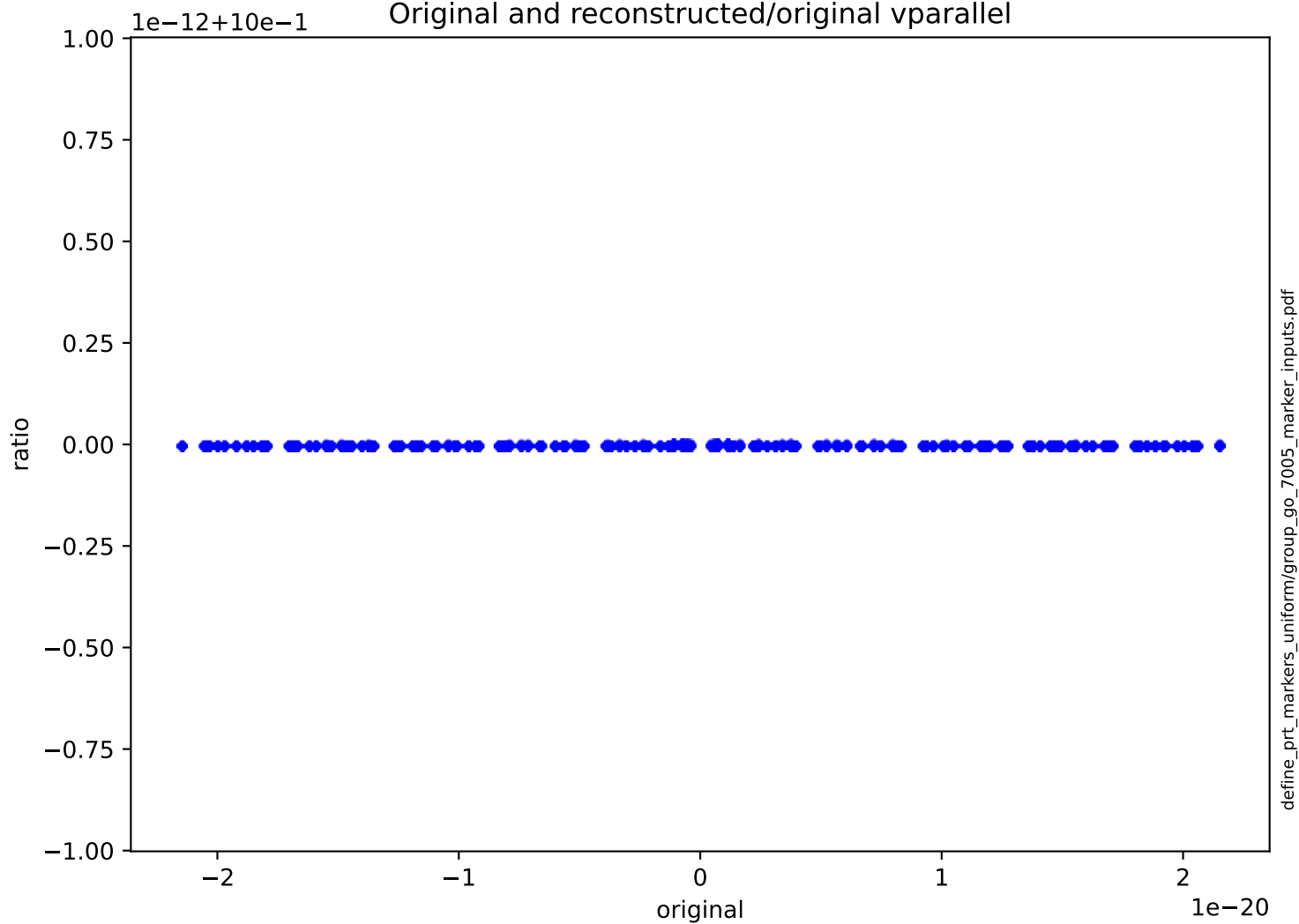
Original and reconstructed pitch (limited range)



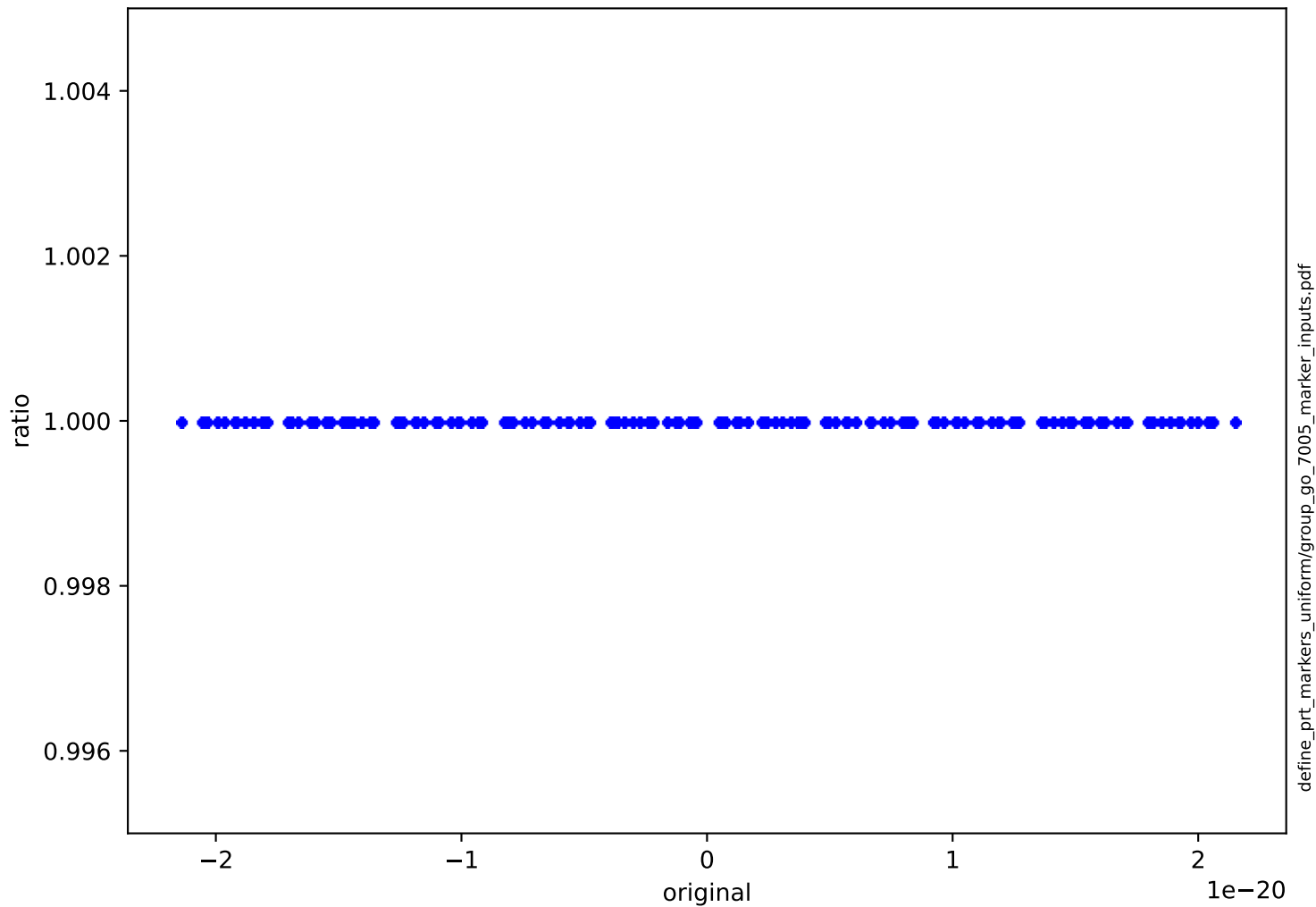
Original and reconstructed/original vtot



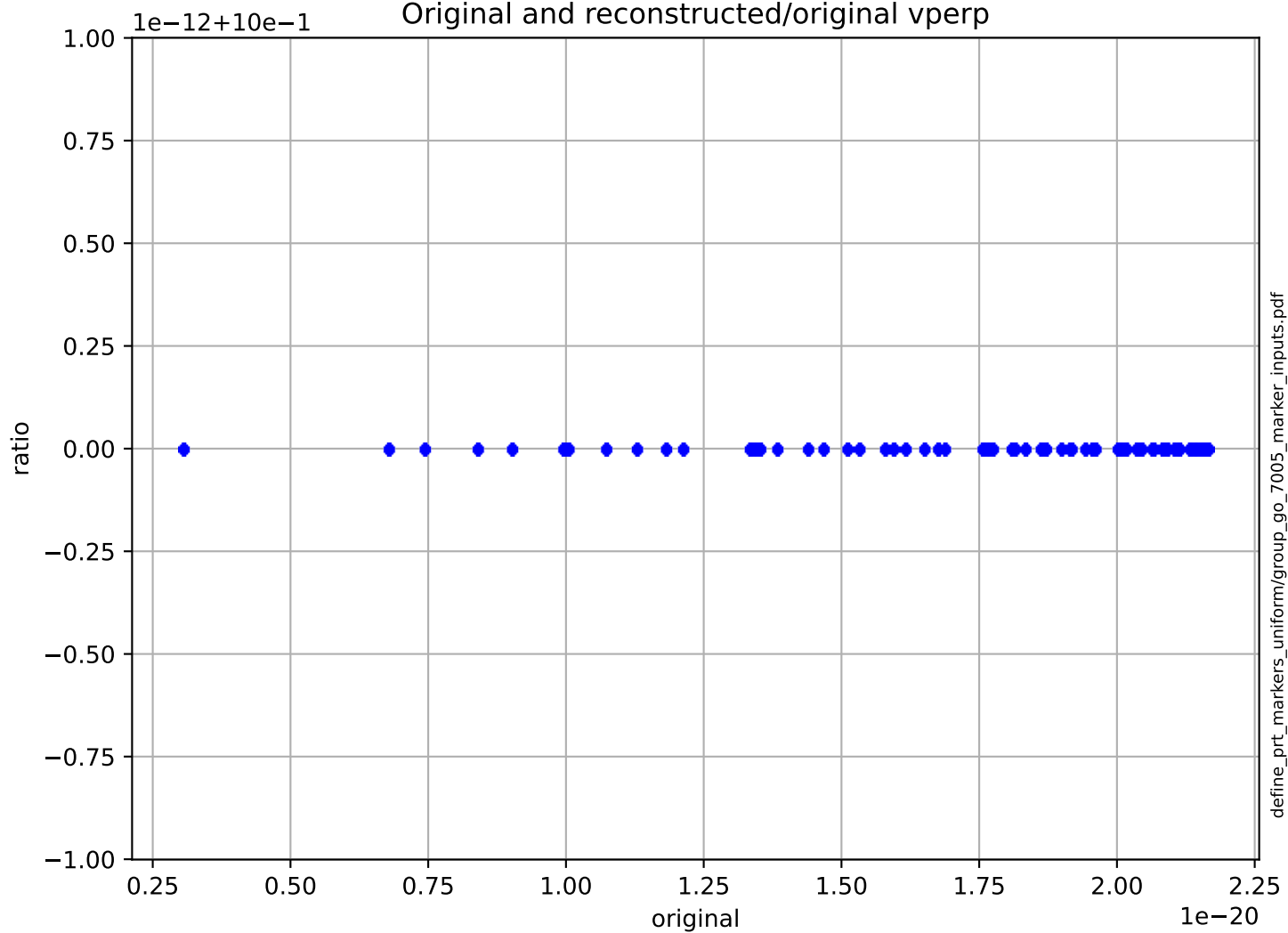
Original and reconstructed/original vparallel



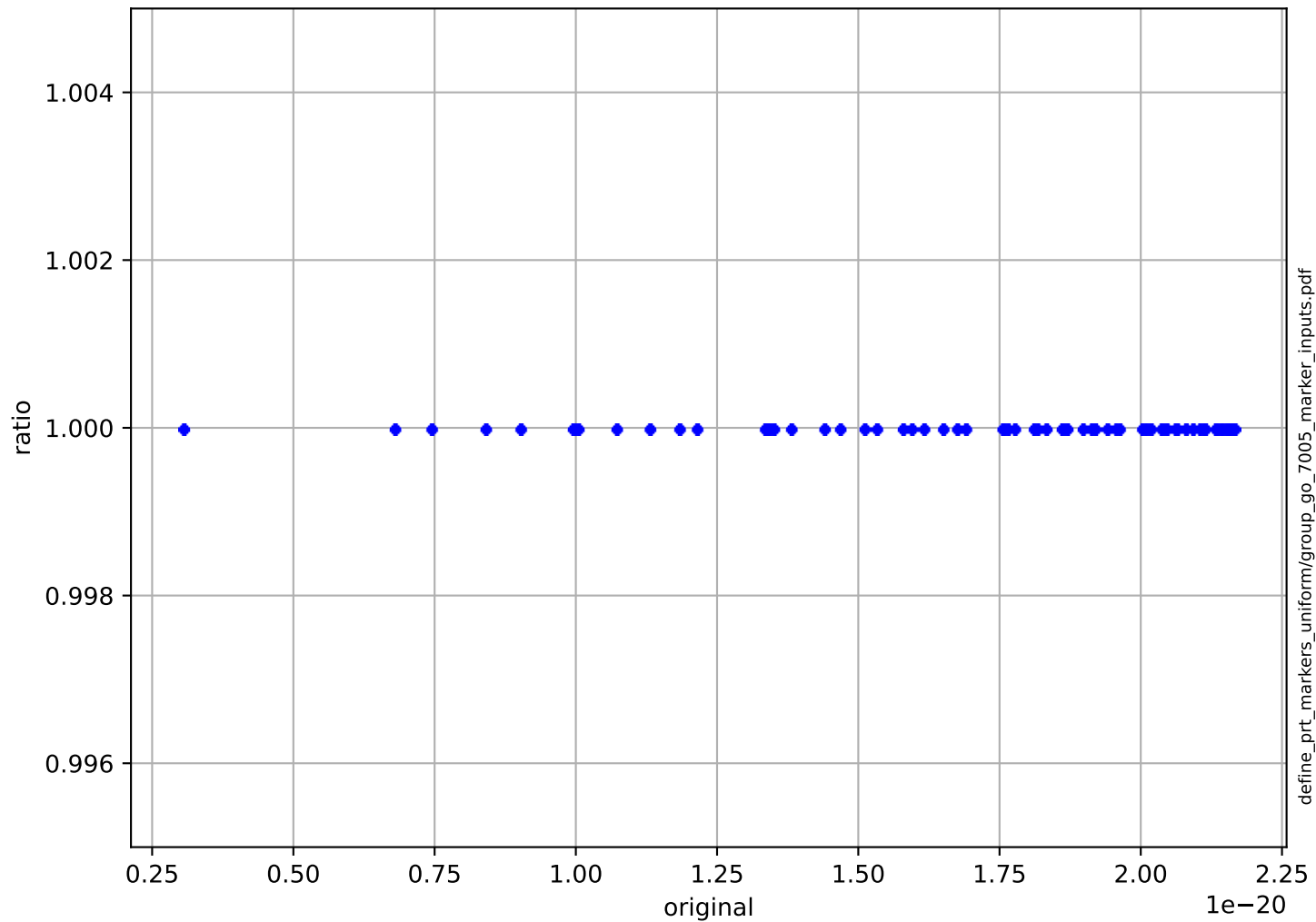
Original and reconstructed/original vparallel (limited range)



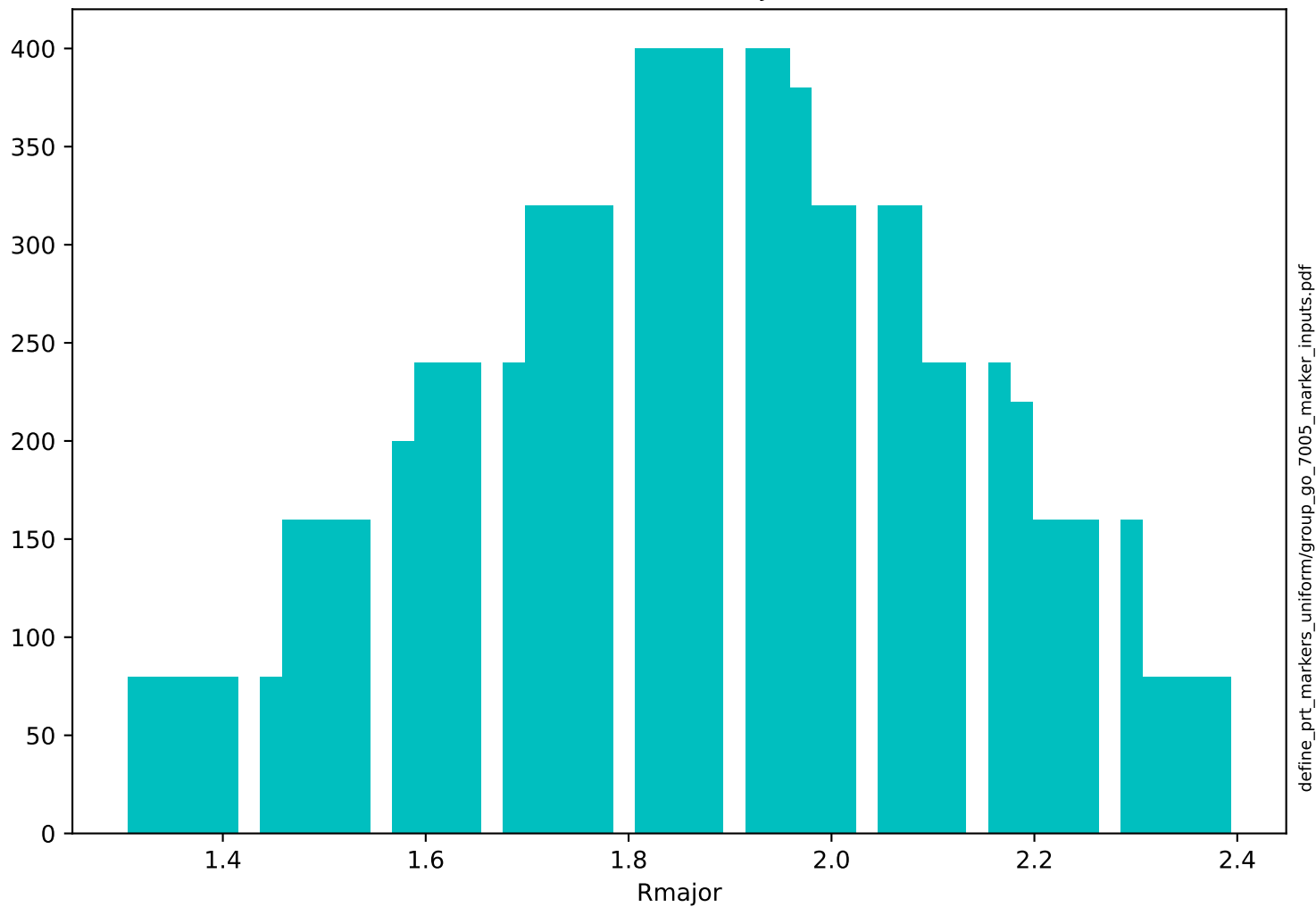
Original and reconstructed/original vperp



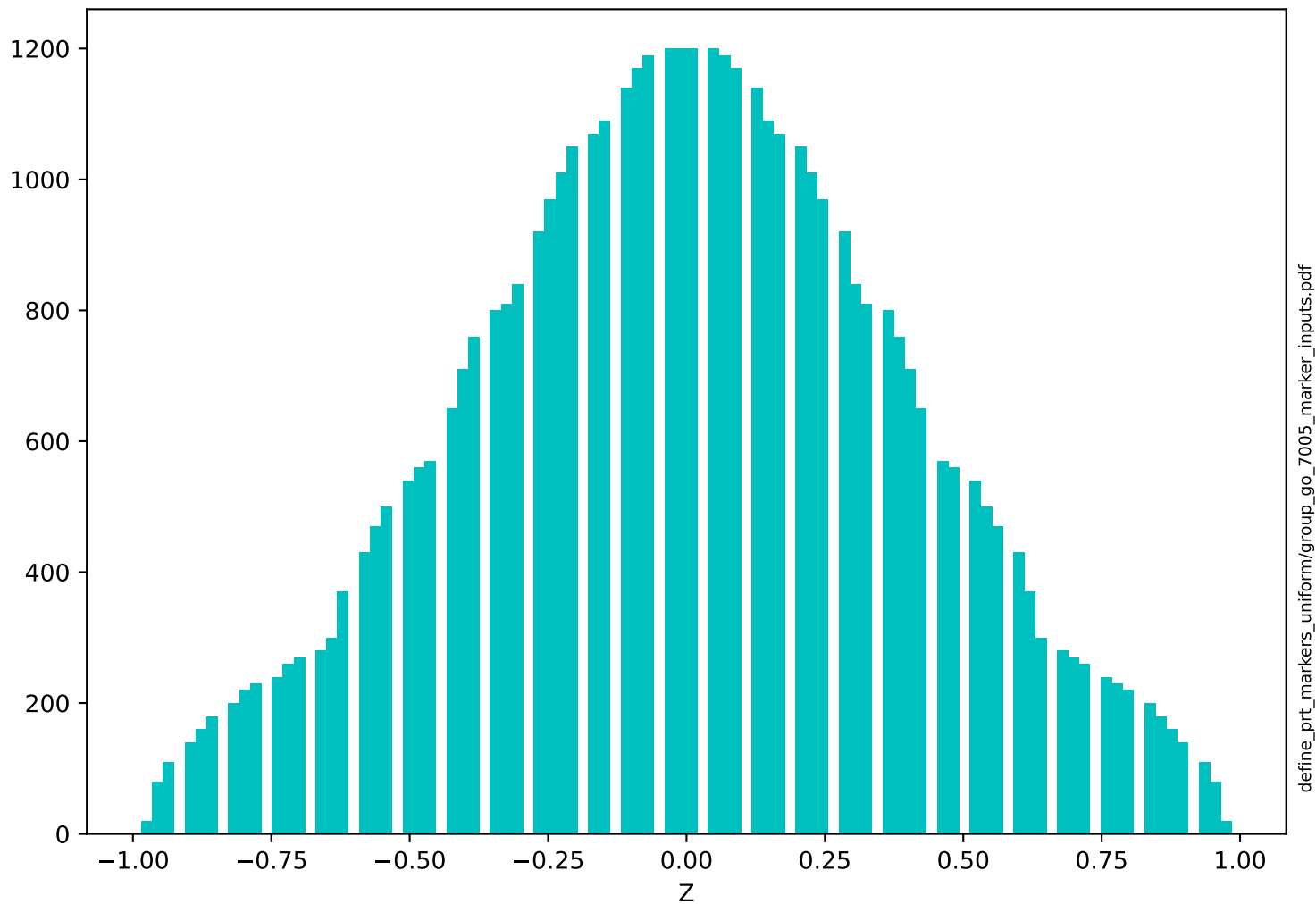
Original and reconstructed/original vperp (limited range)



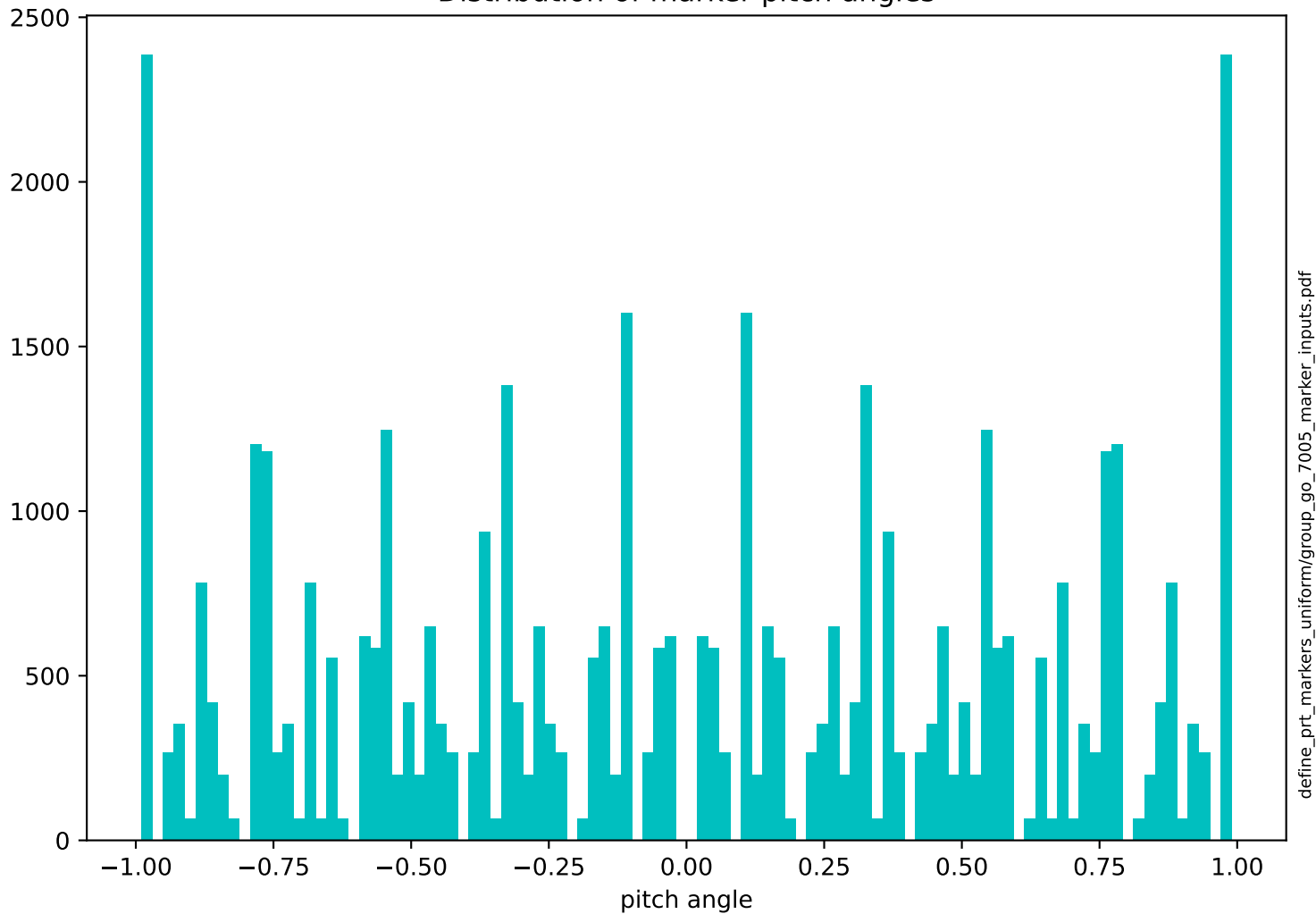
Distribution of marker Rmajor ($\text{abs}(z) < 0.1$)



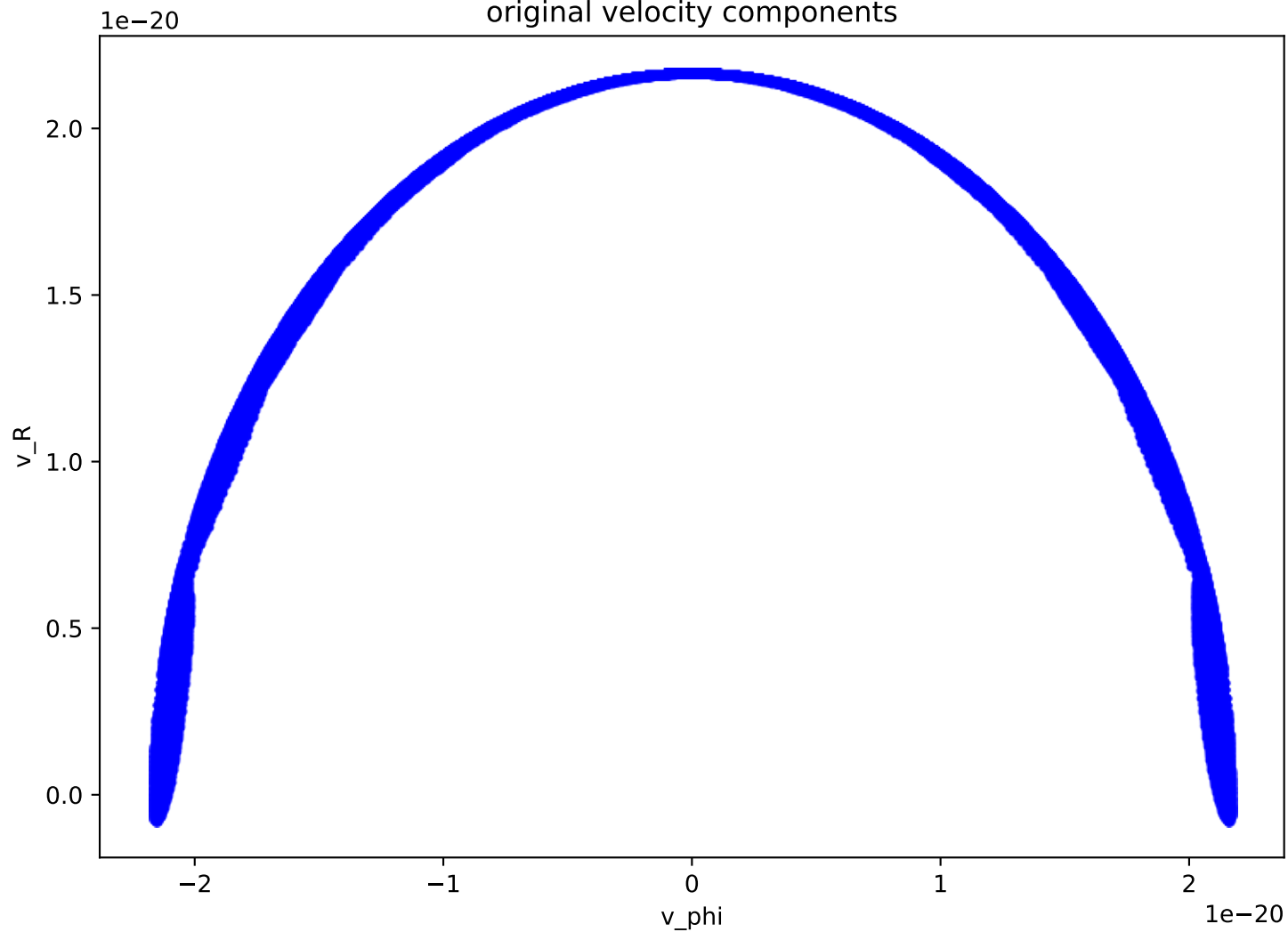
Distribution of marker Z



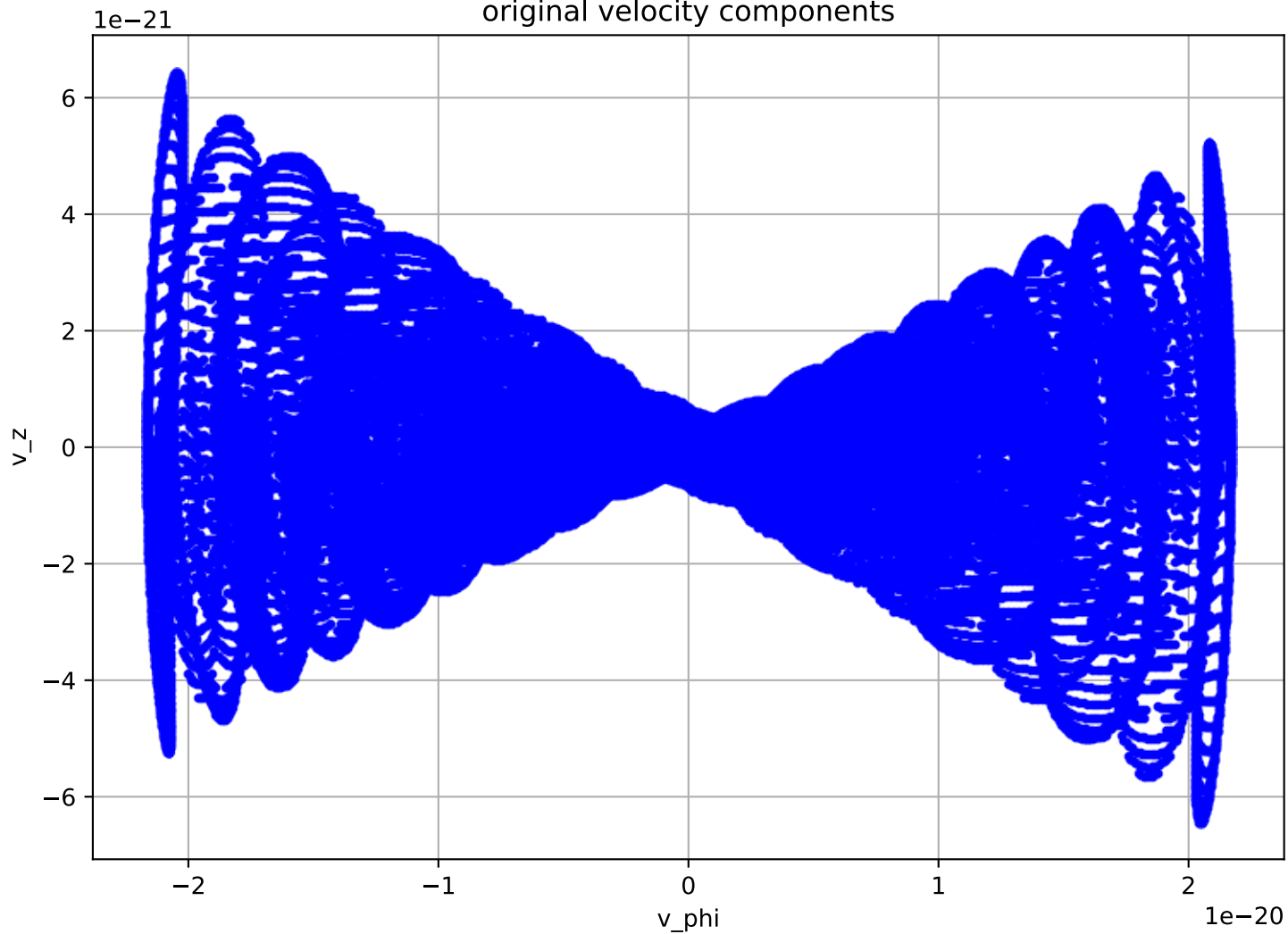
Distribution of marker pitch angles



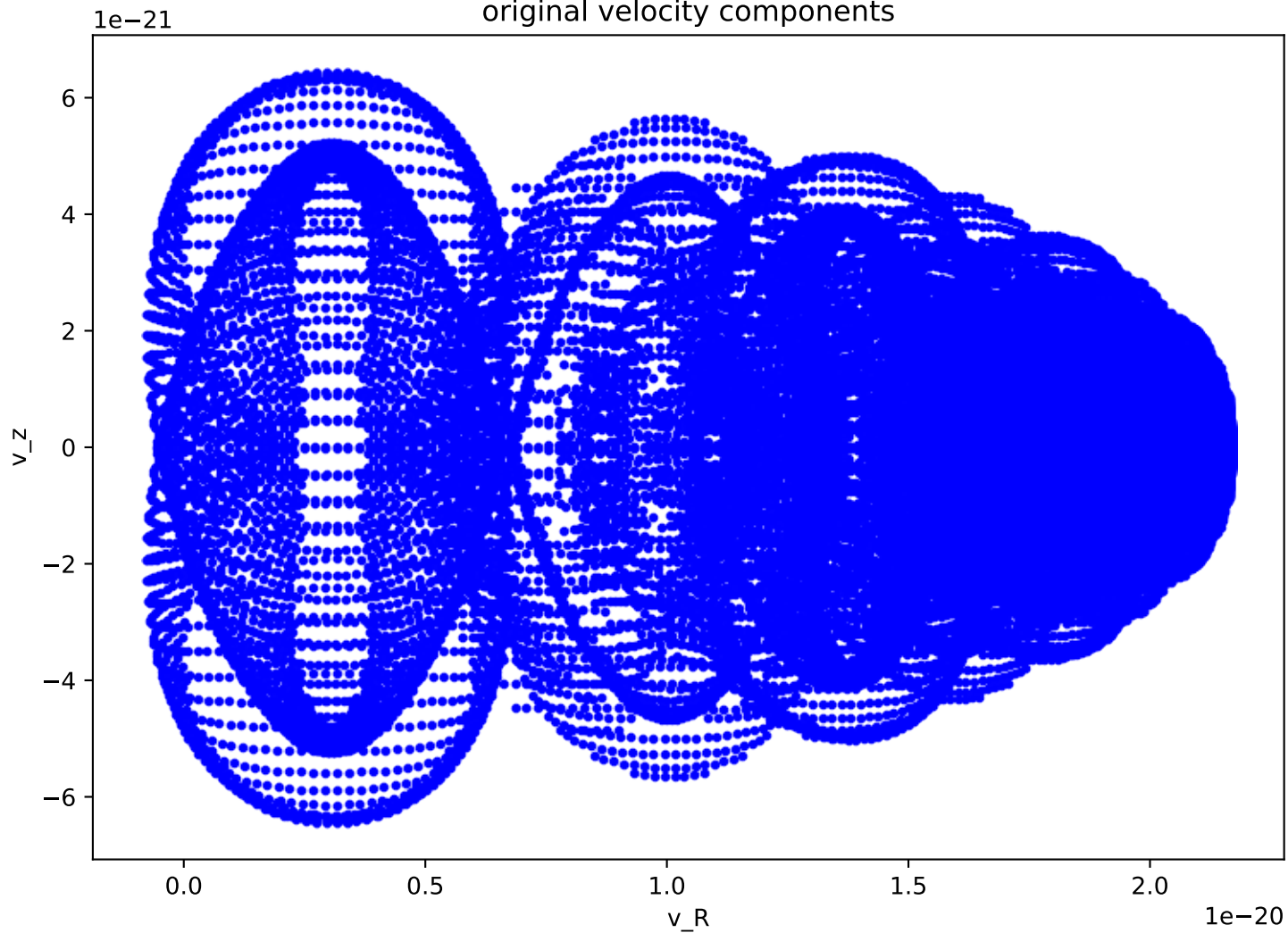
original velocity components



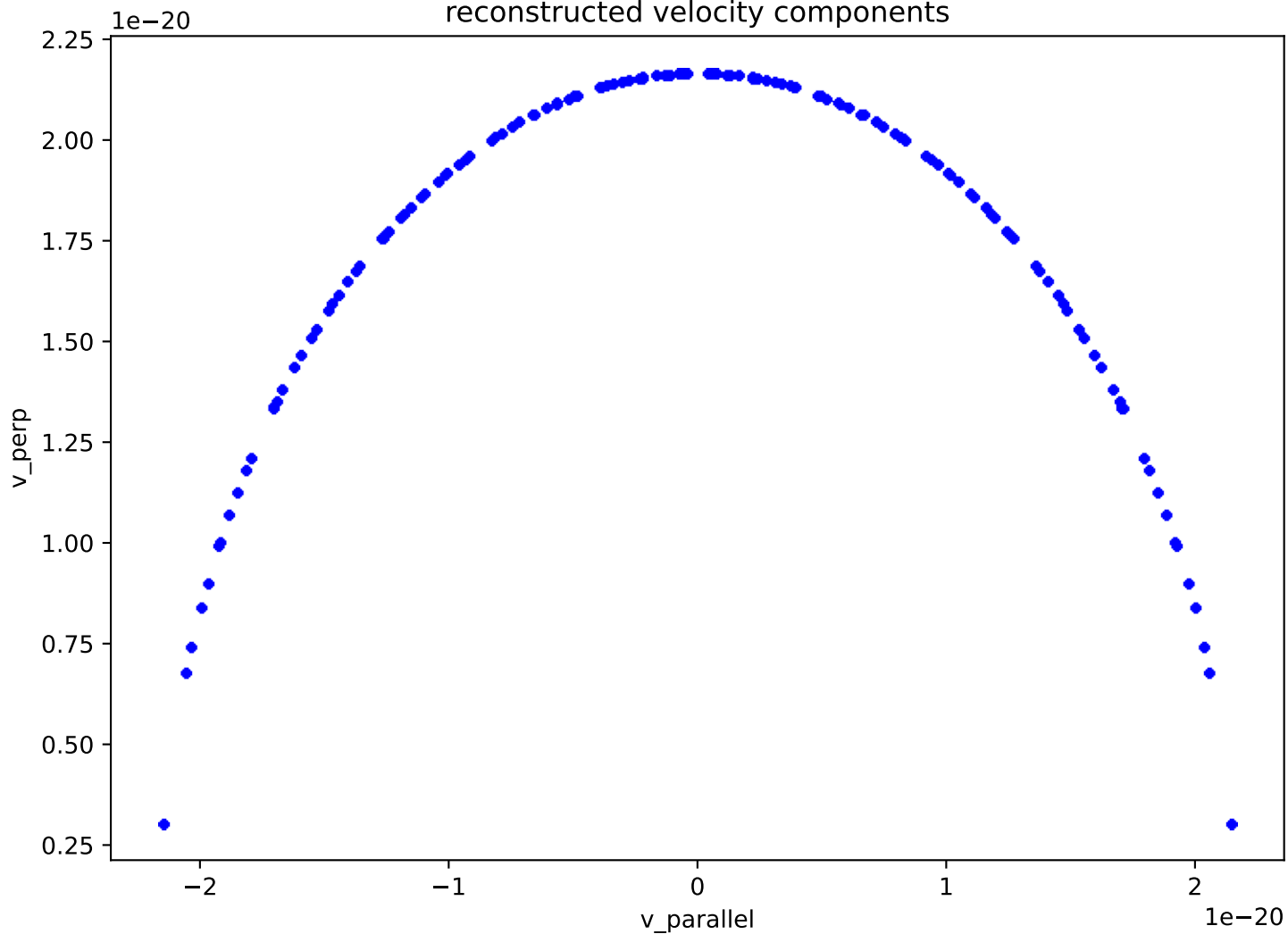
original velocity components

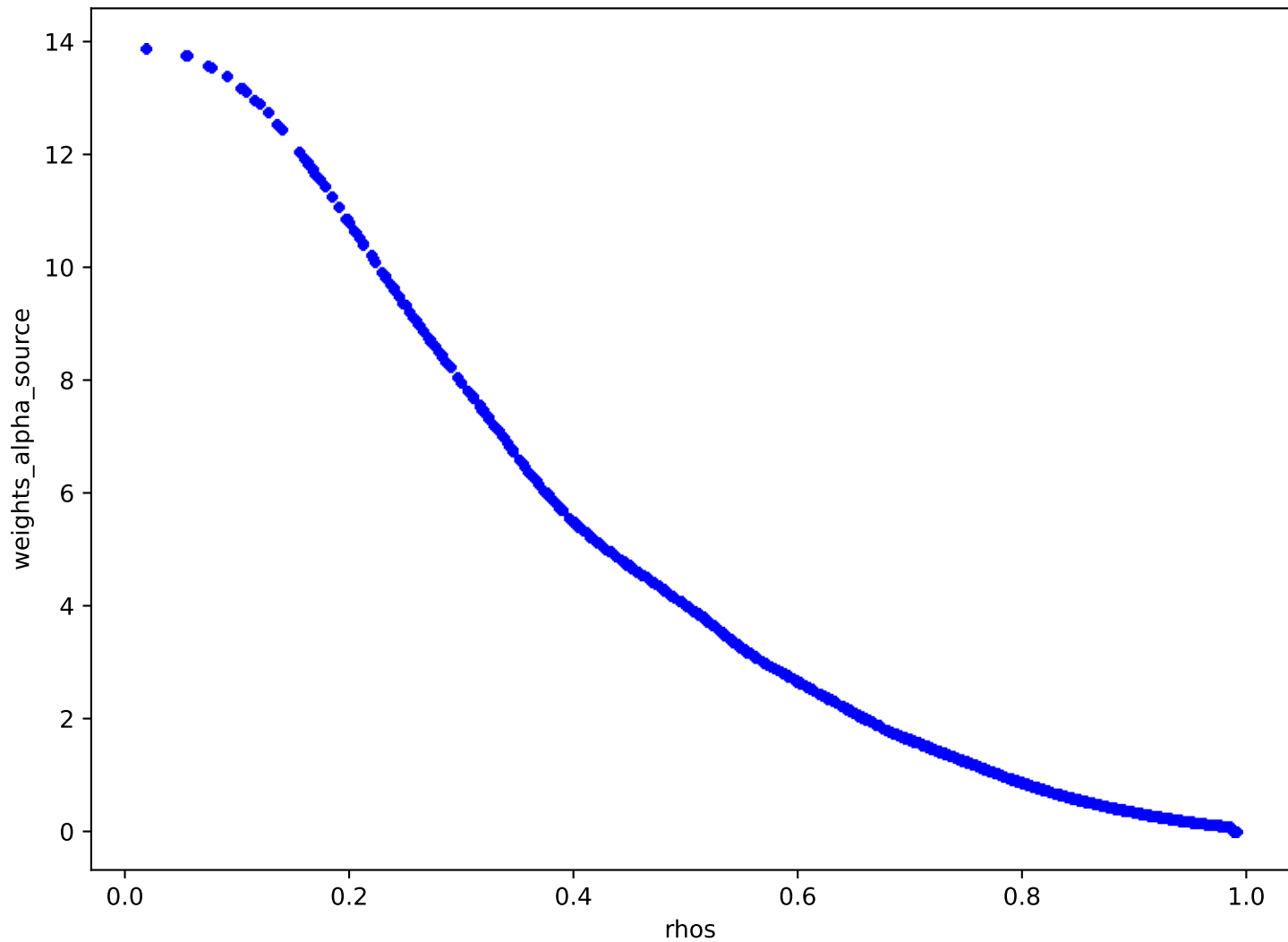


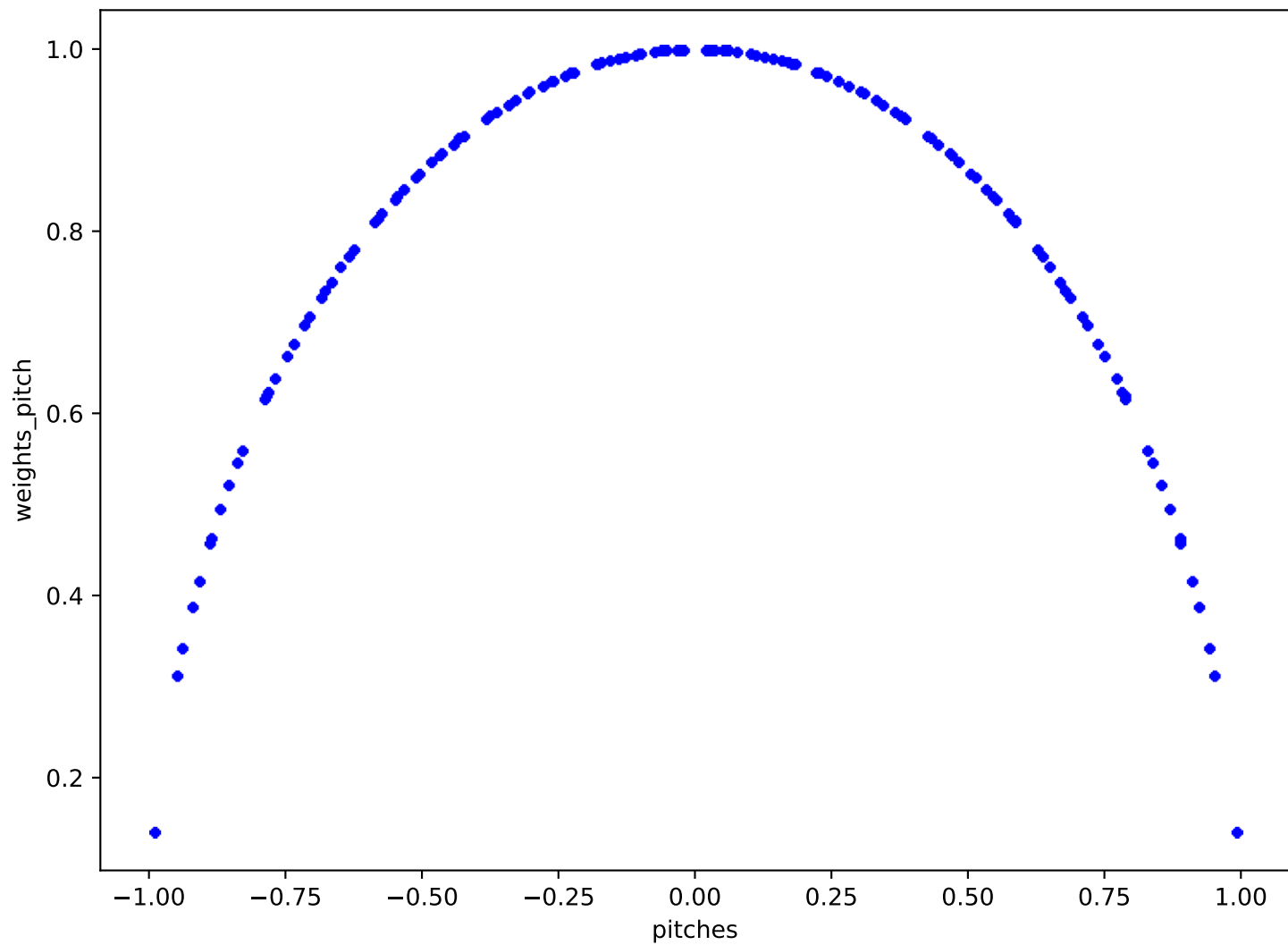
original velocity components

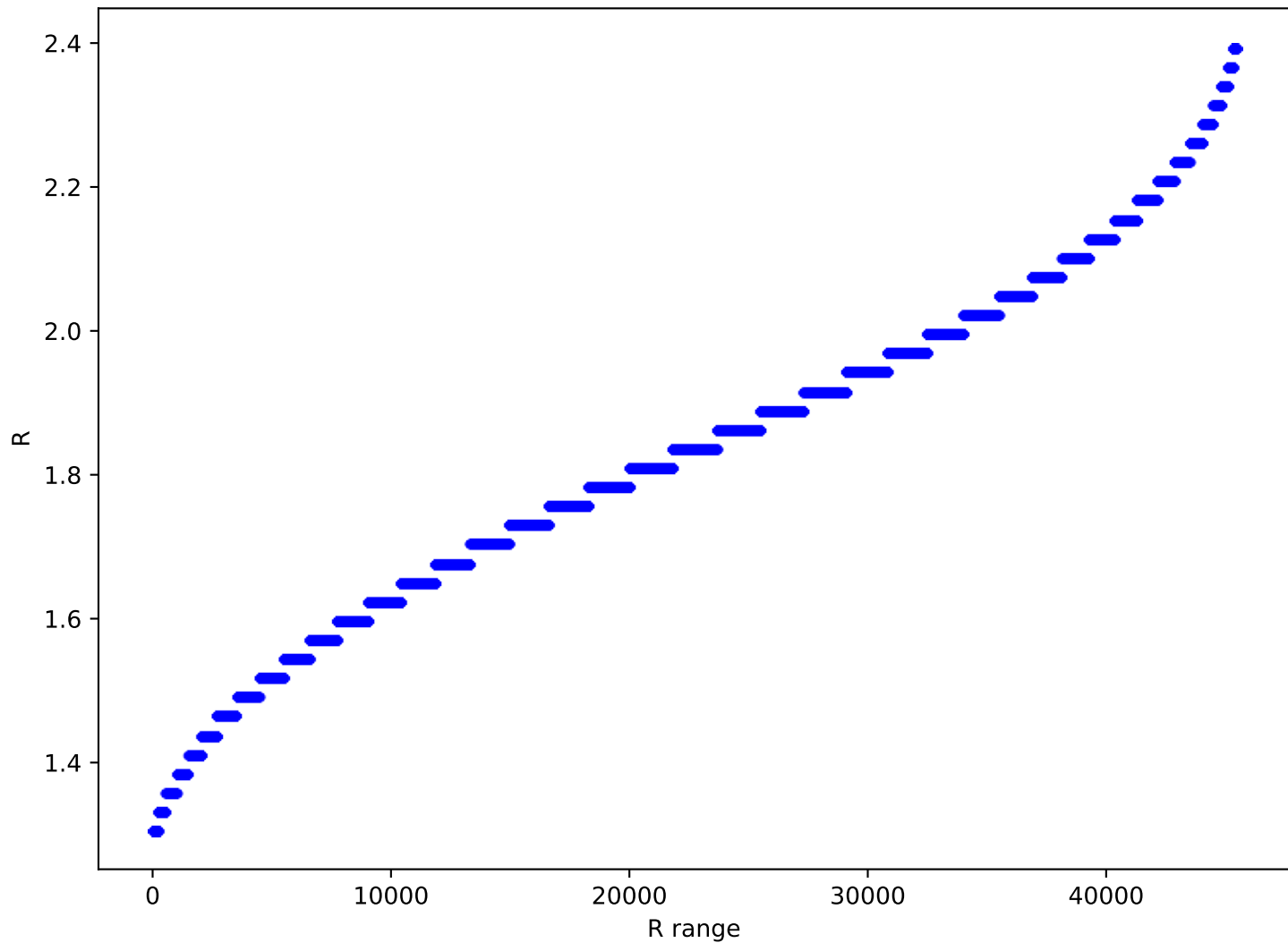


reconstructed velocity components

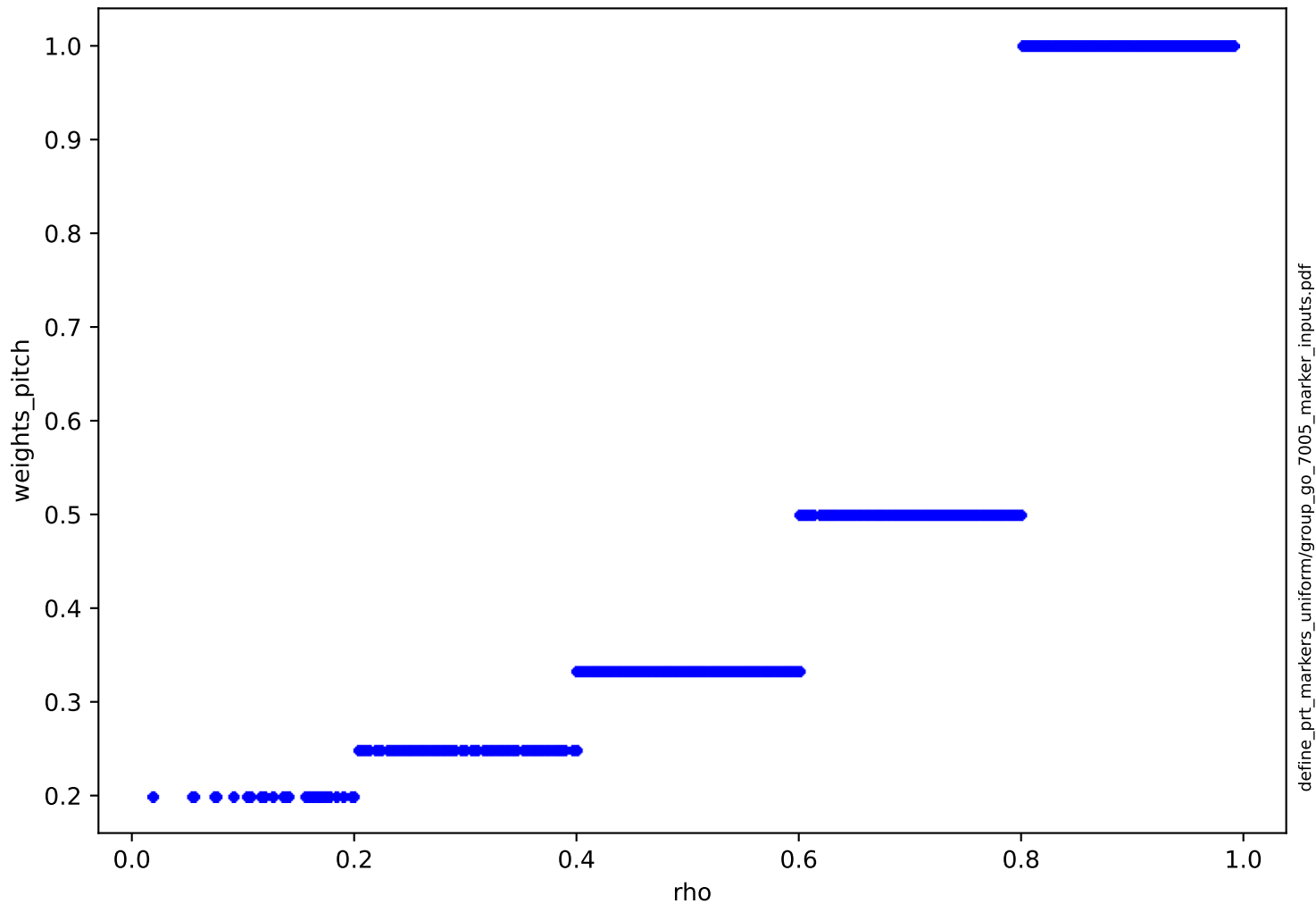




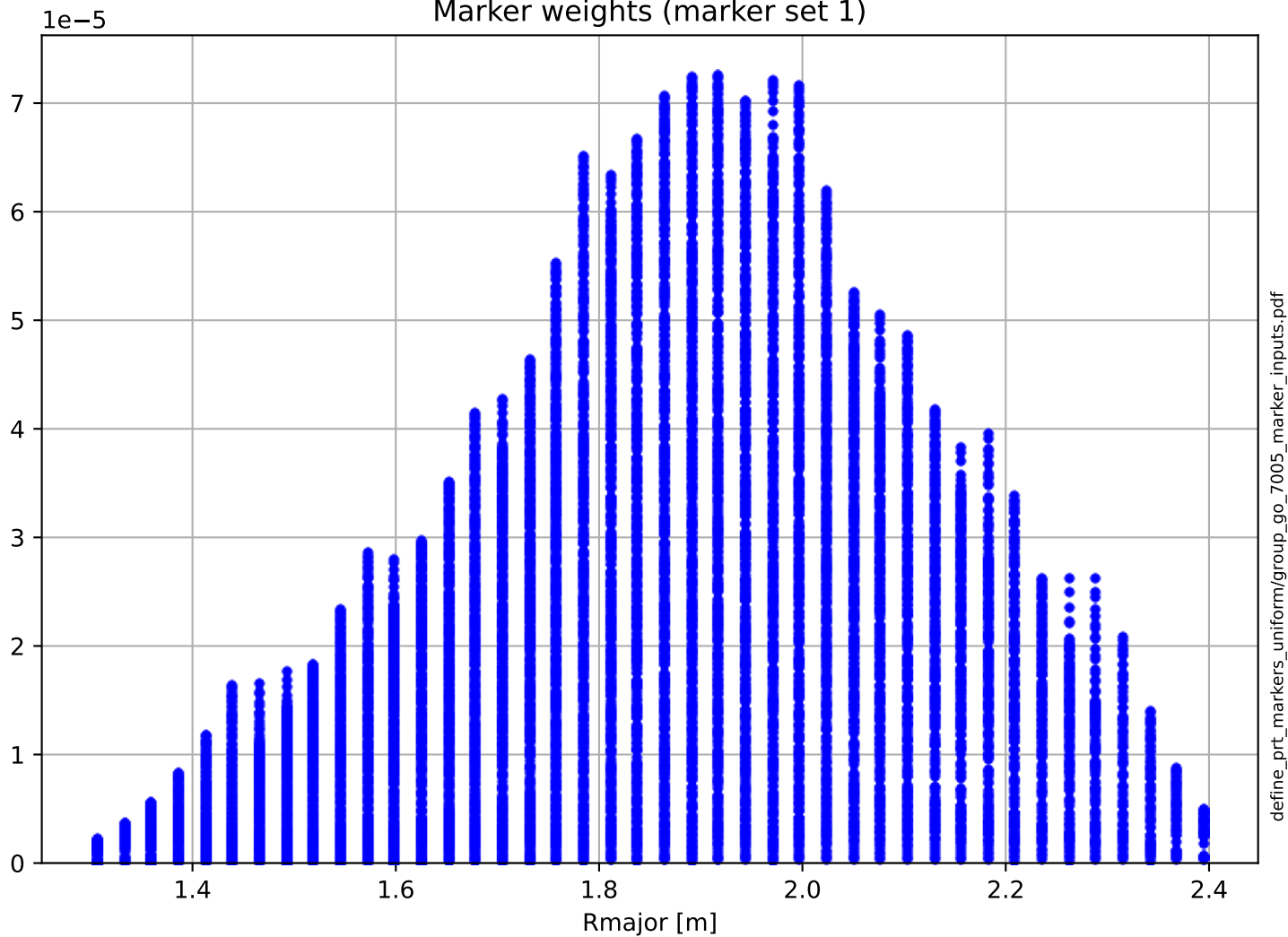




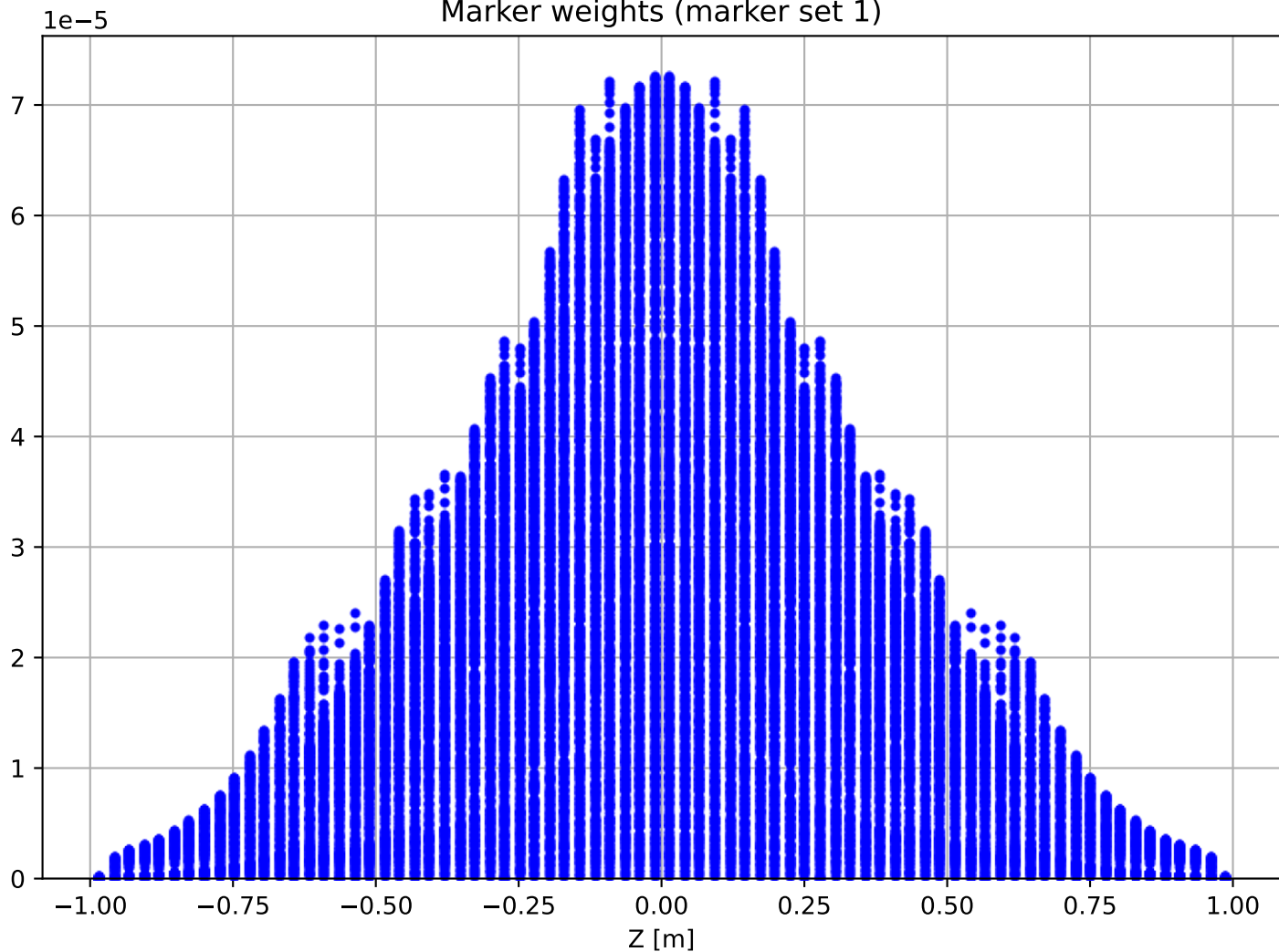
pitch weight as a function of rhos



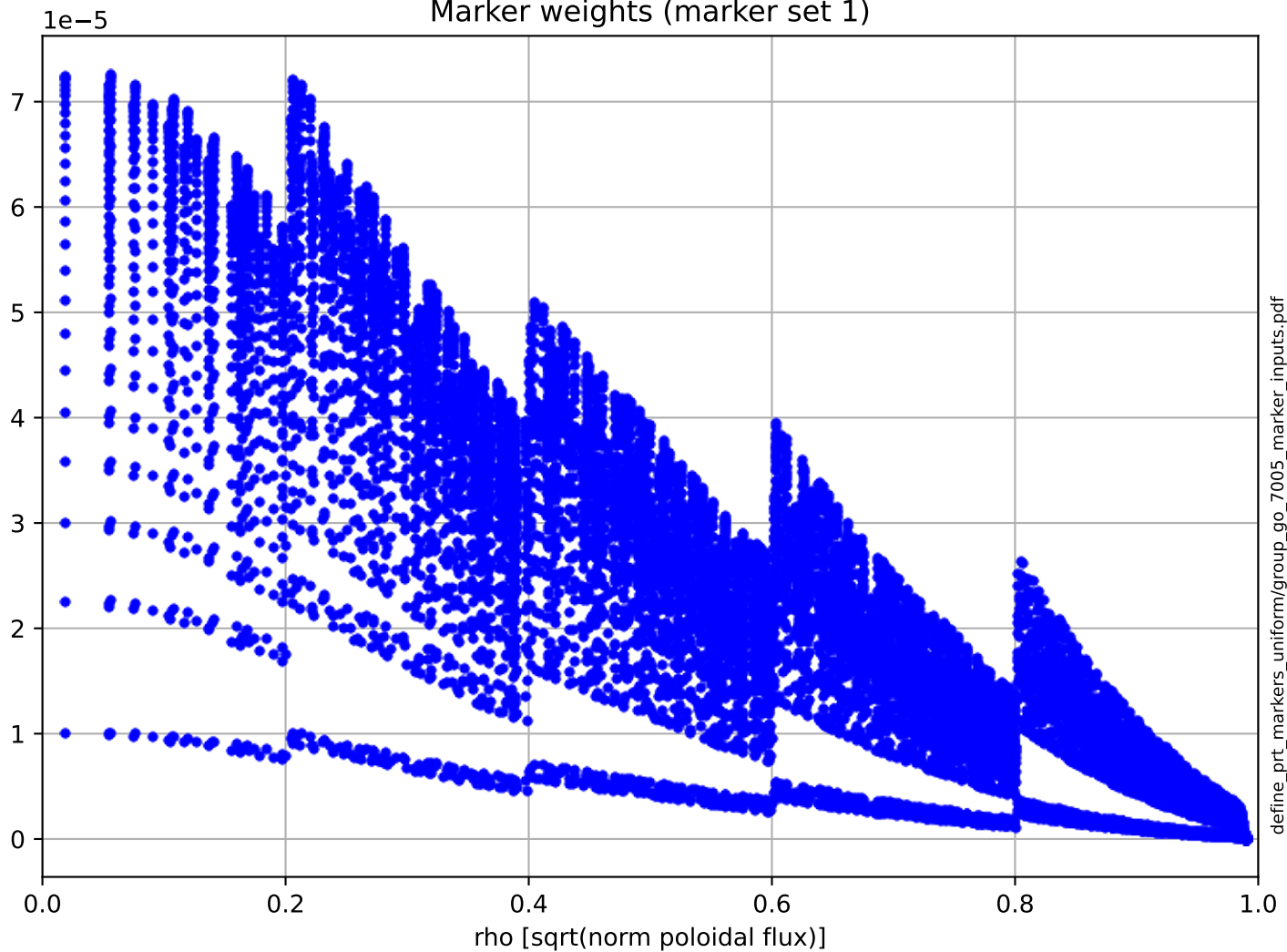
Marker weights (marker set 1)



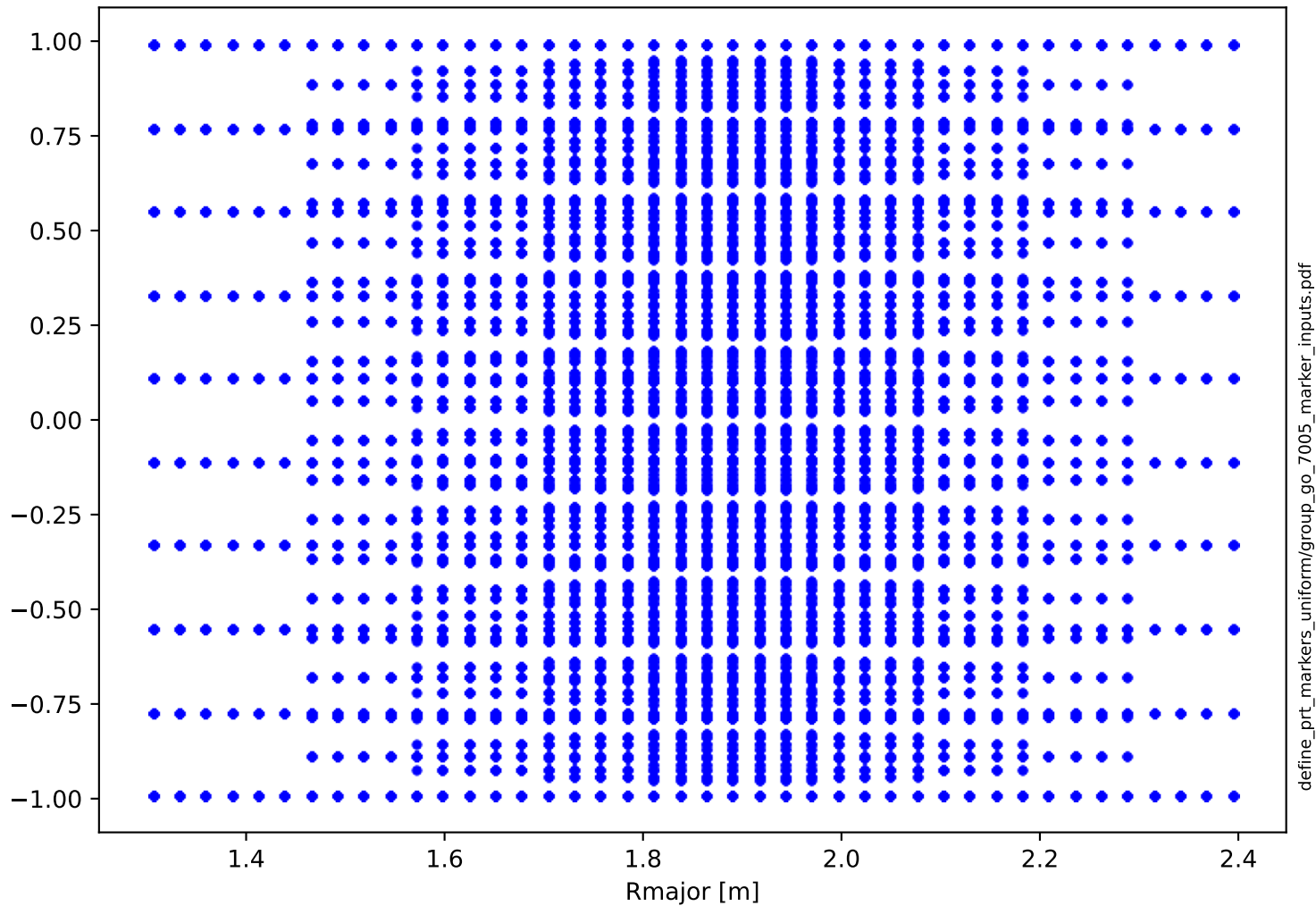
Marker weights (marker set 1)



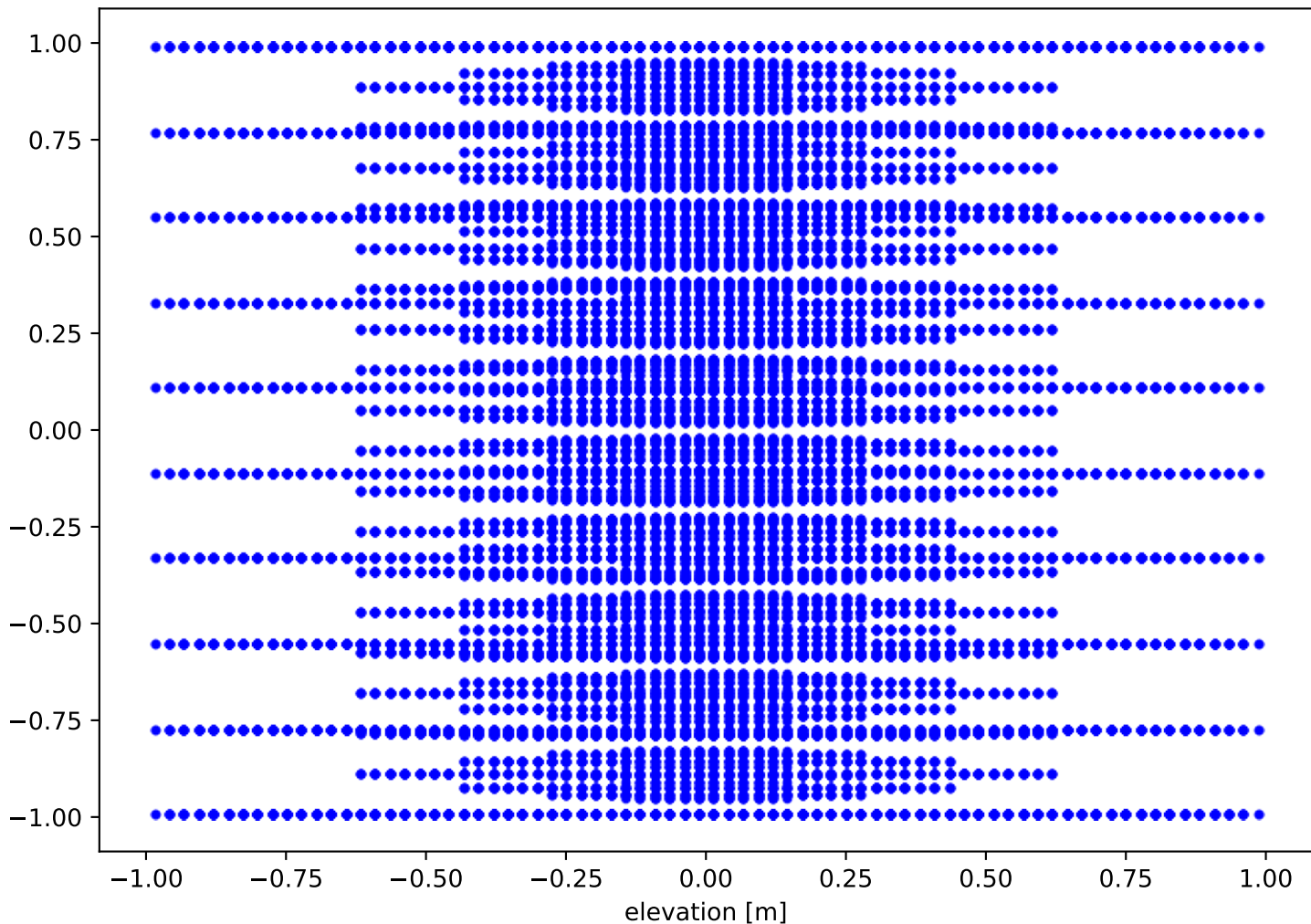
Marker weights (marker set 1)

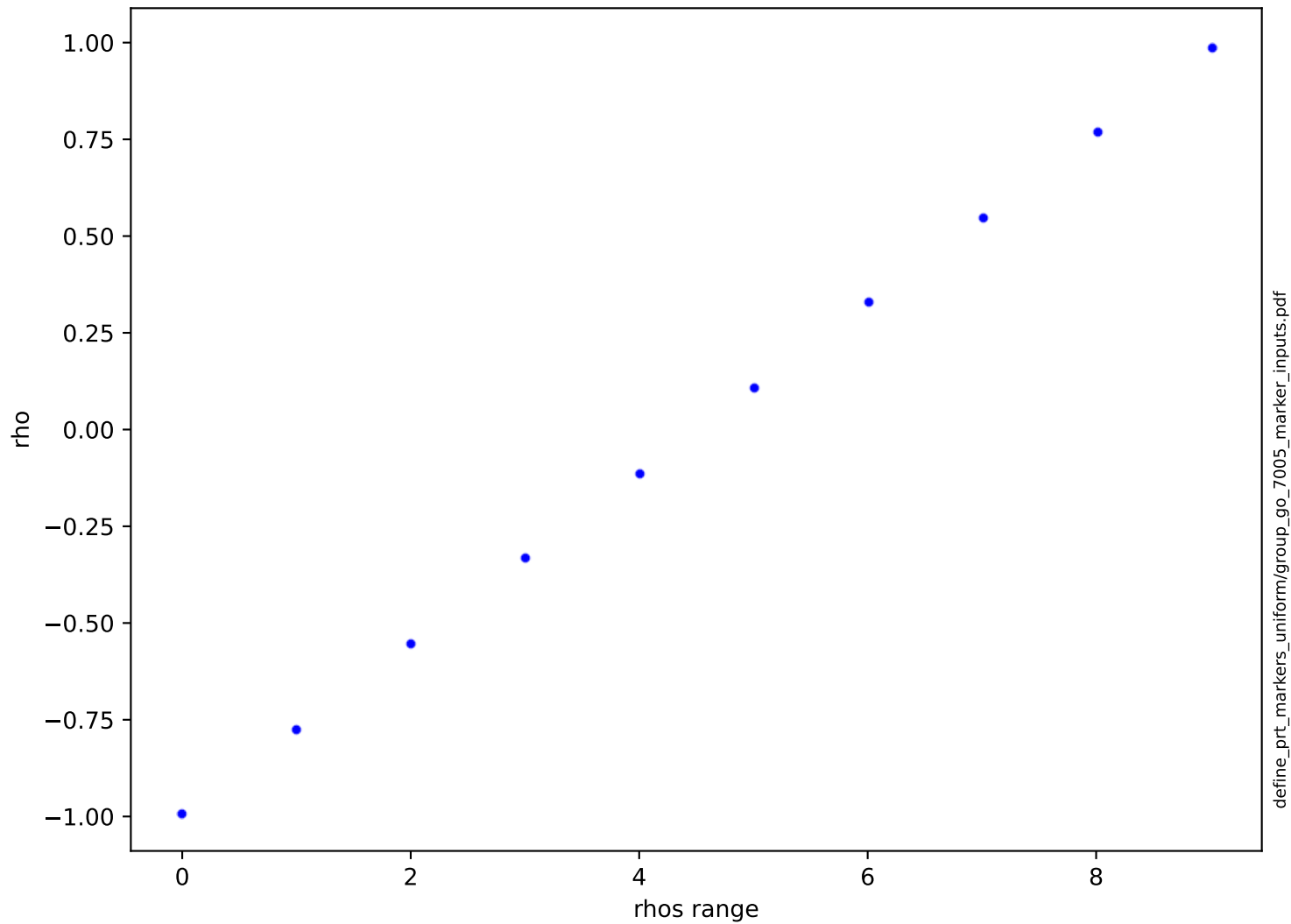


pitch of markers

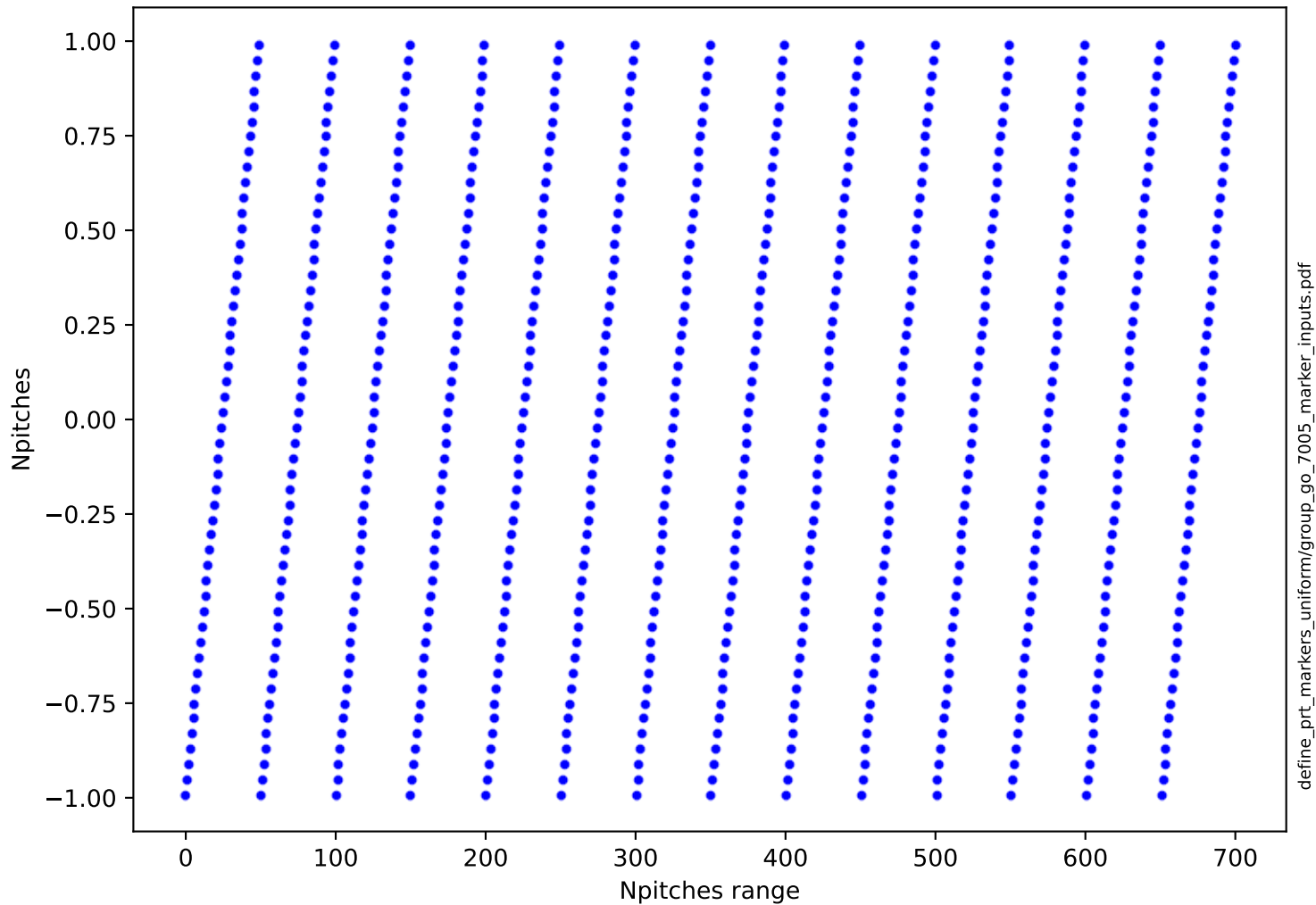


pitch of markers

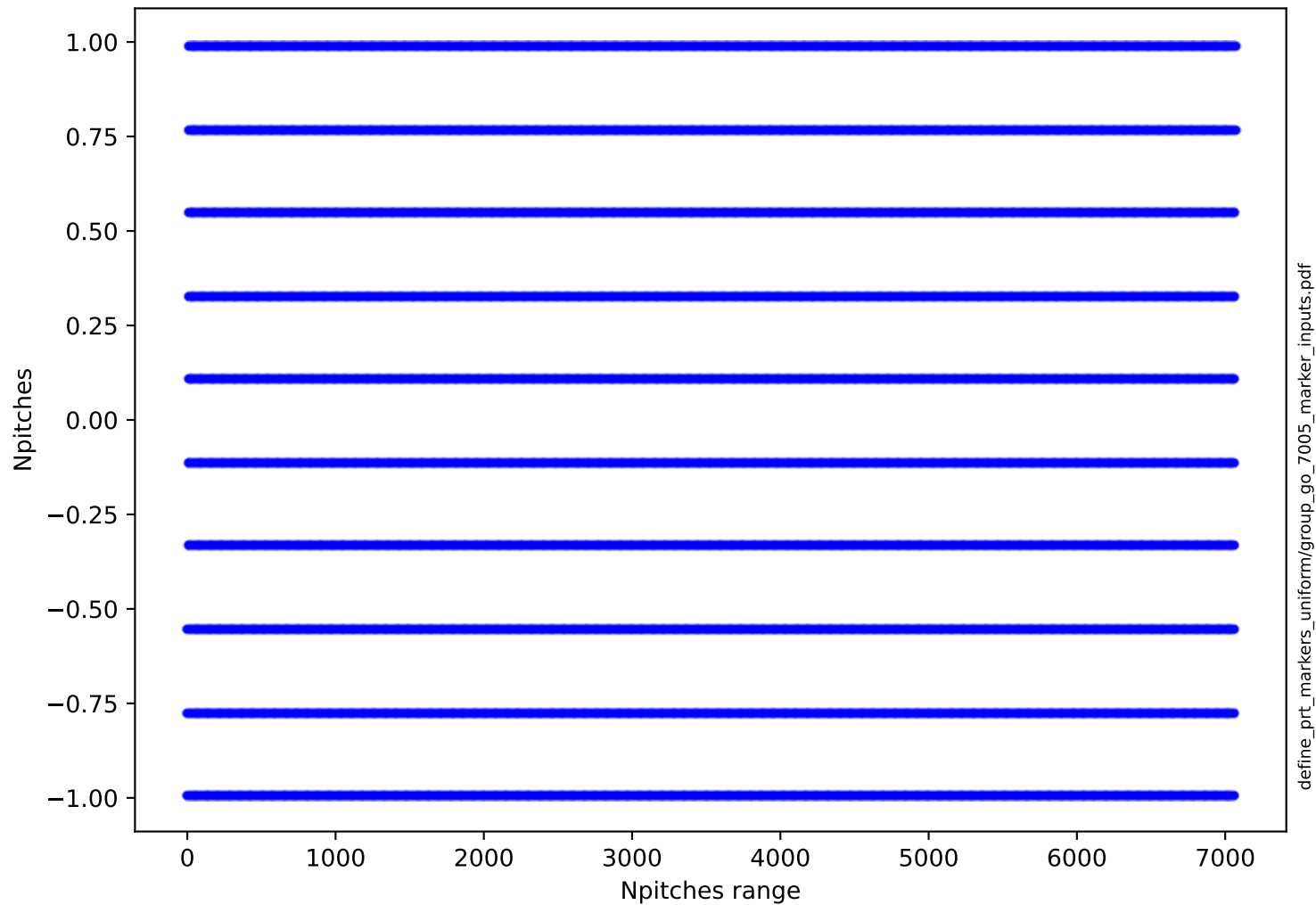




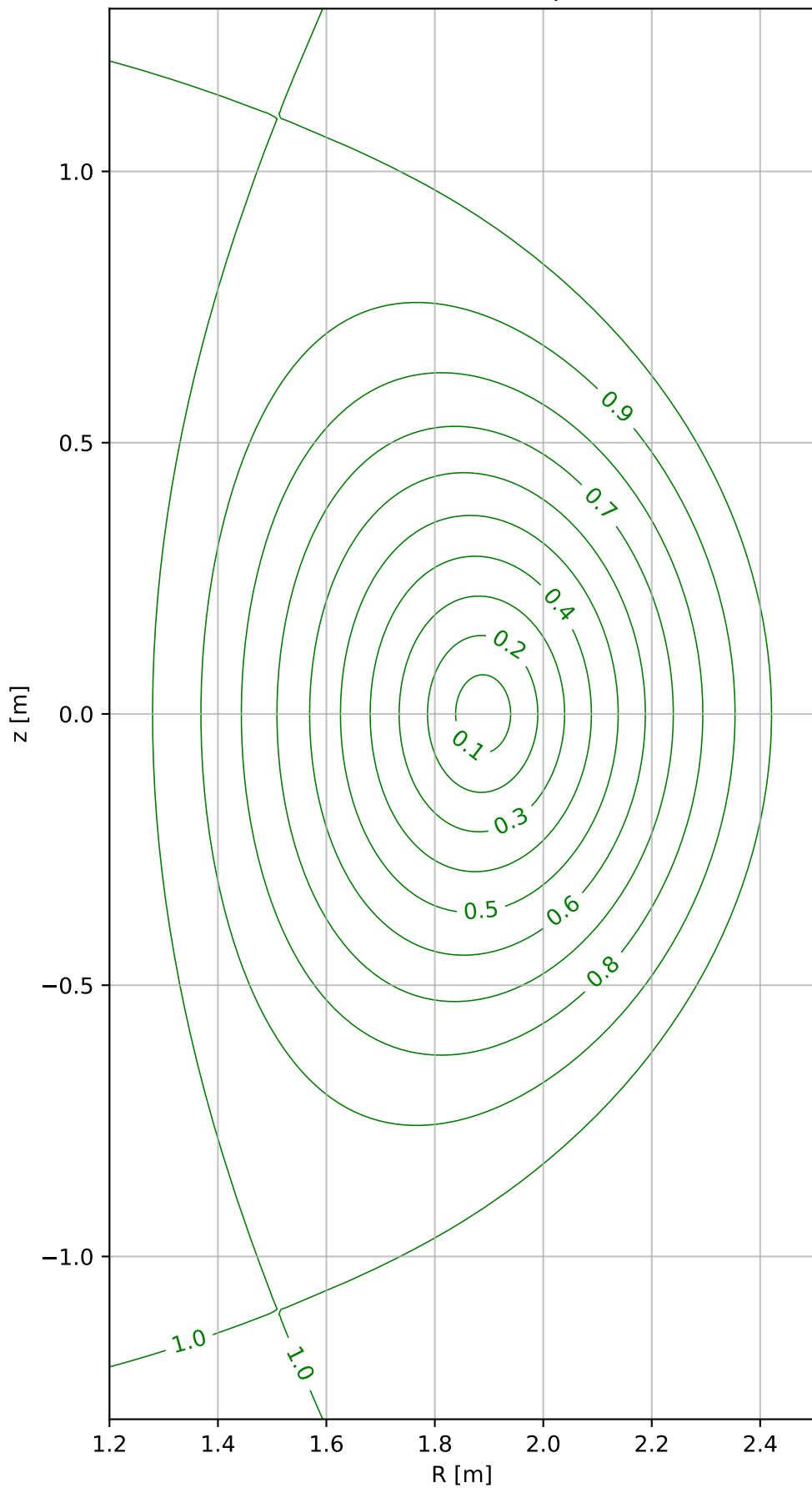
Npitches at $\rho < 0.1$



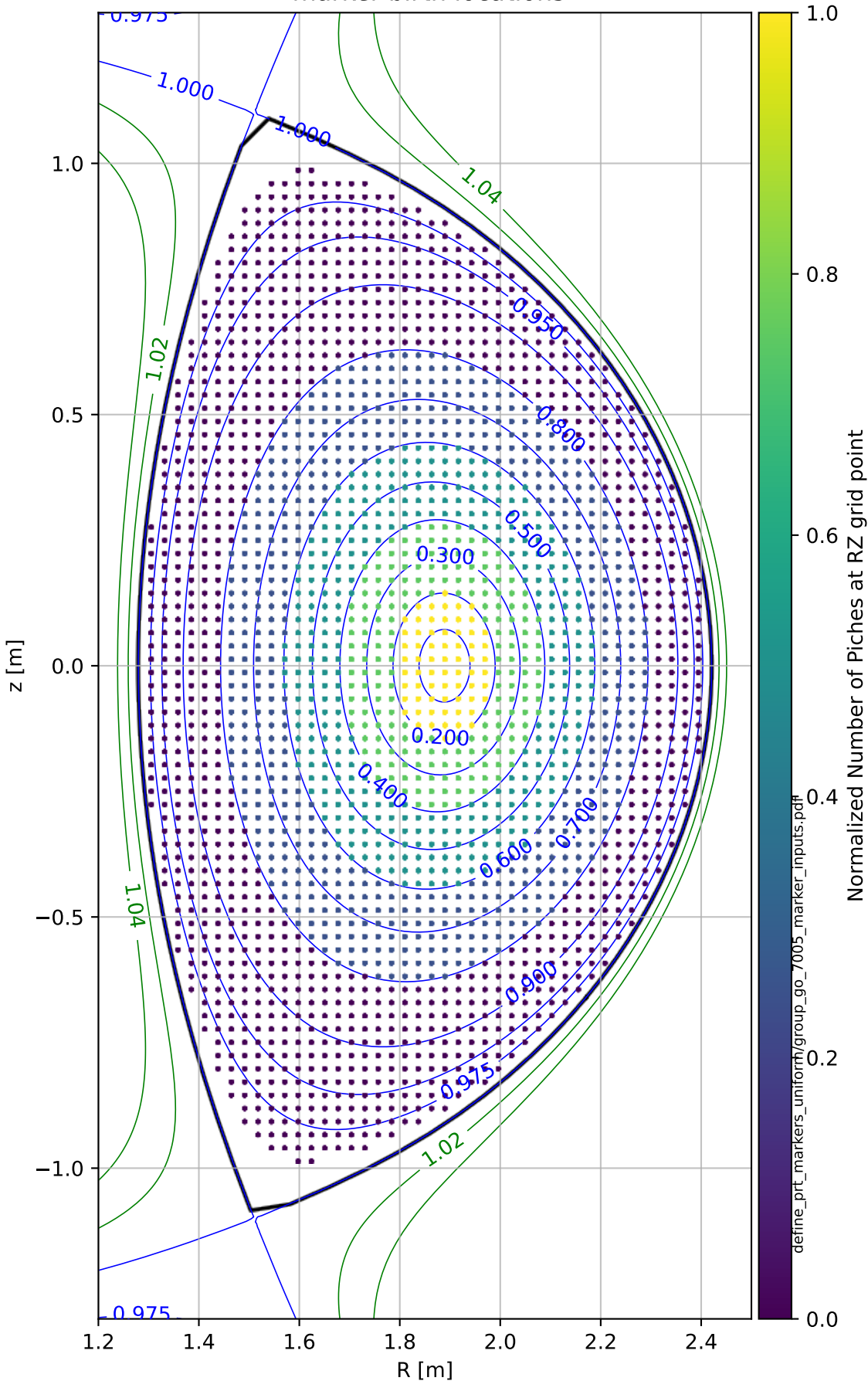
Npitches at $\rho > 0.9$



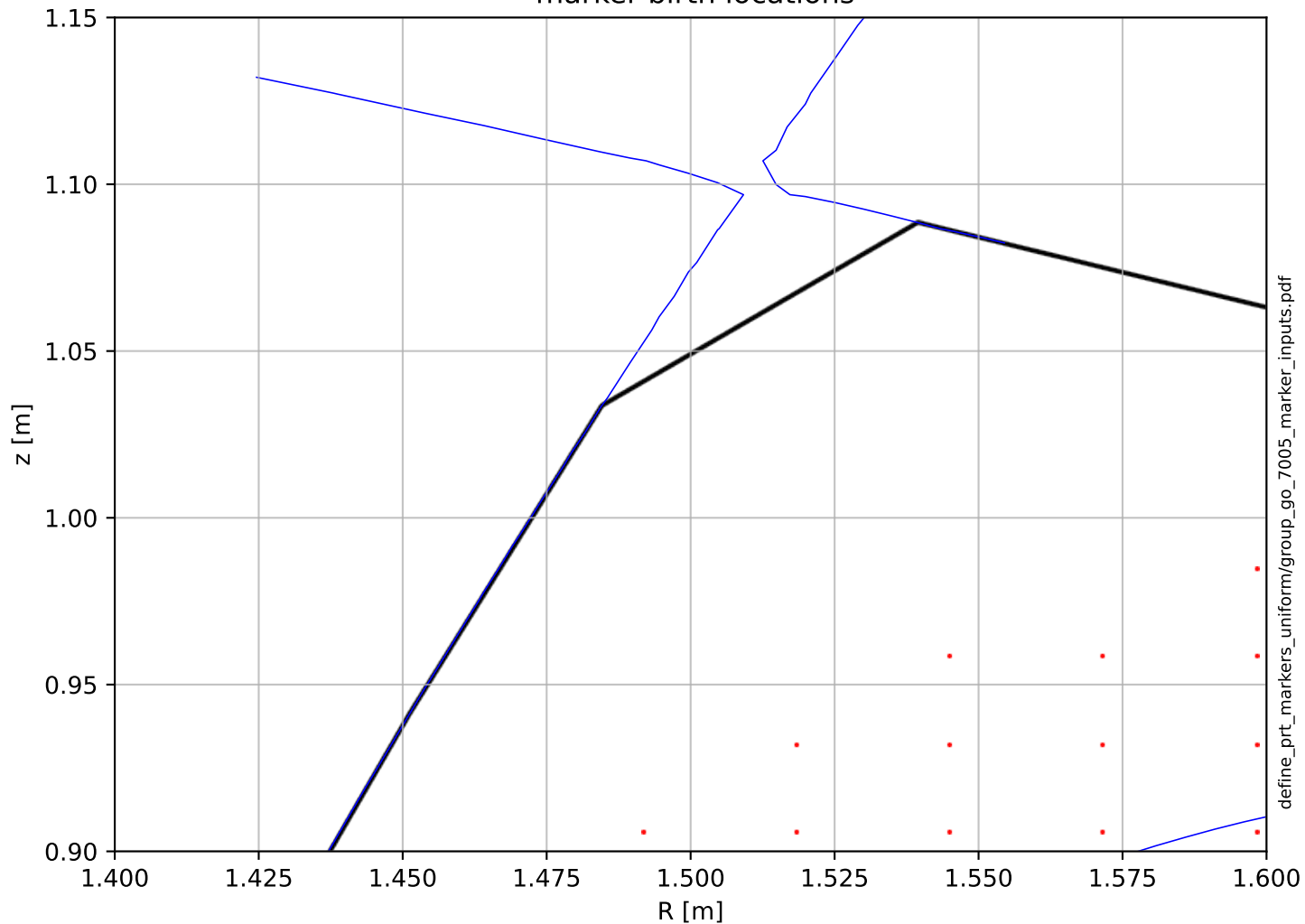
contours of rho-pol



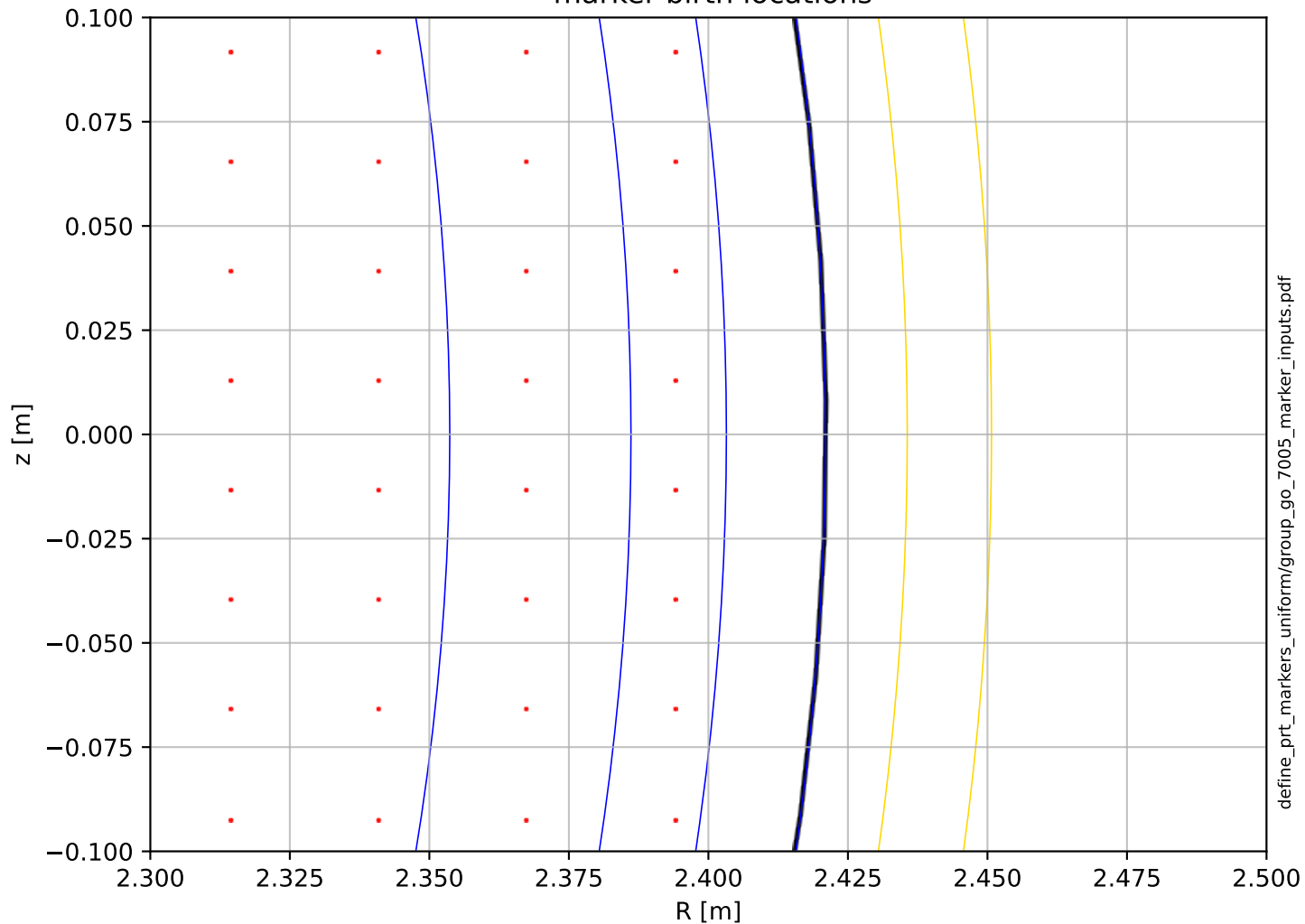
marker birth locations



marker birth locations



marker birth locations



marker birth locations

