

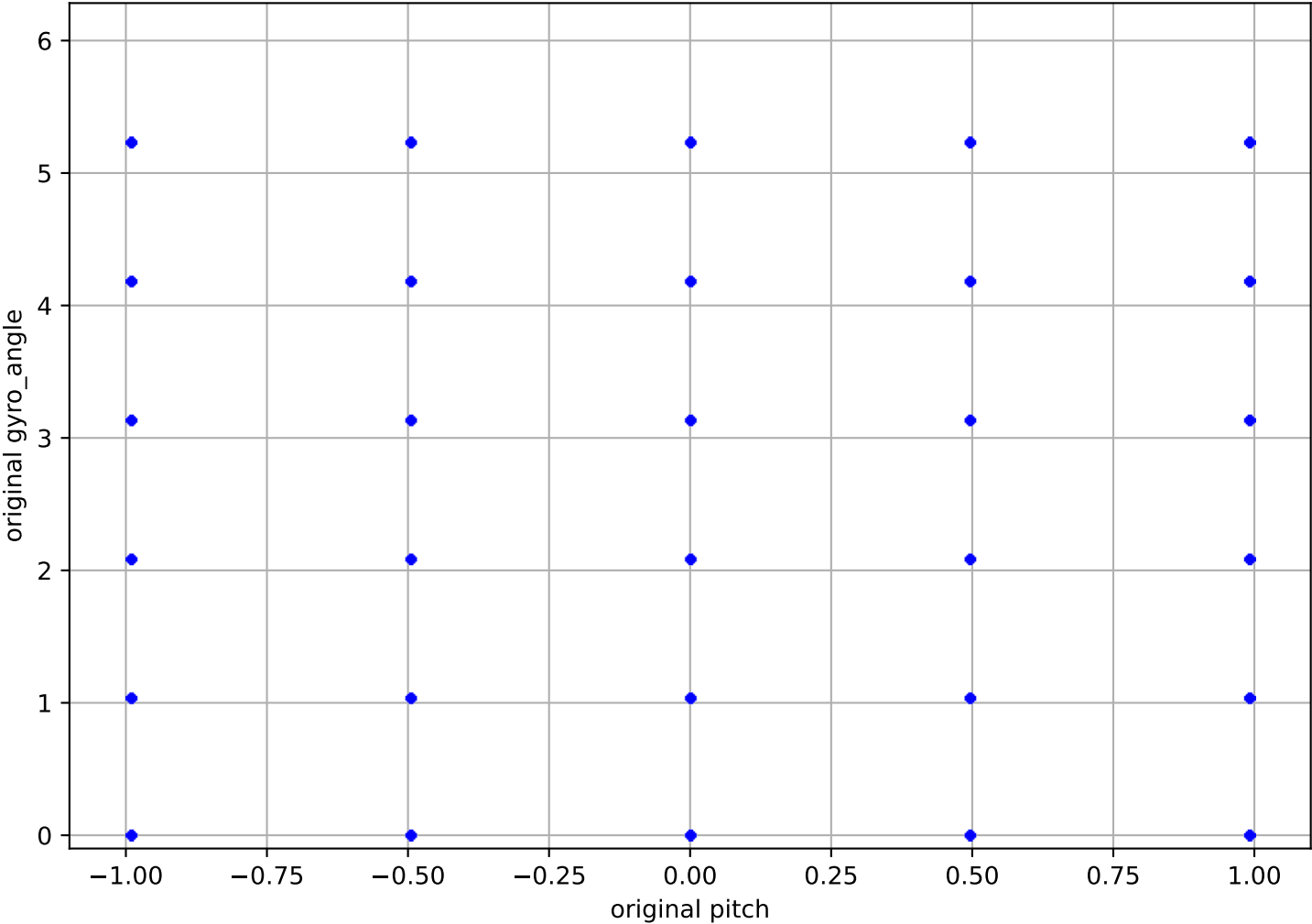
Field-line vertical angles



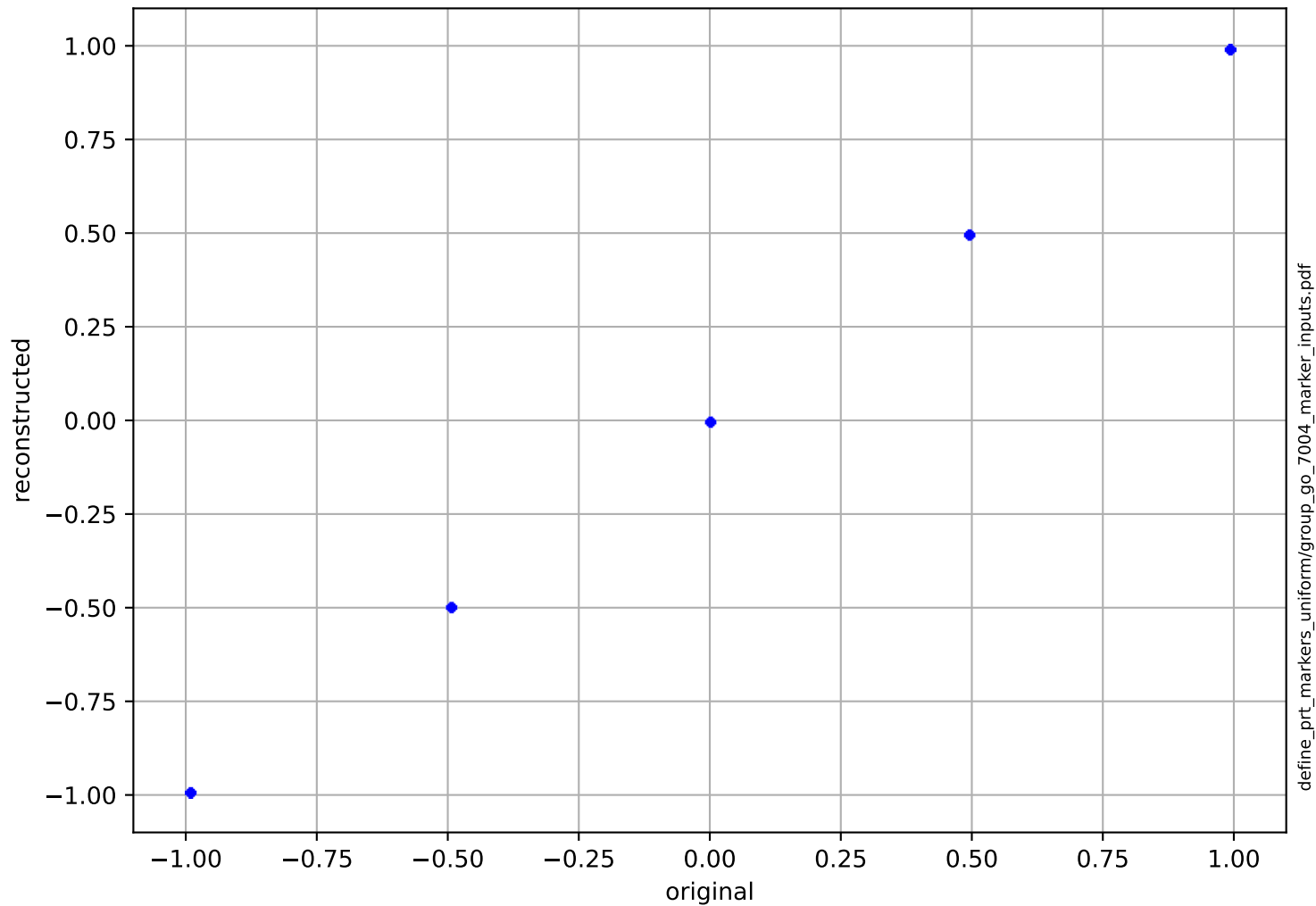
Field-line vertical angles



Original pitch and gyro\_angles



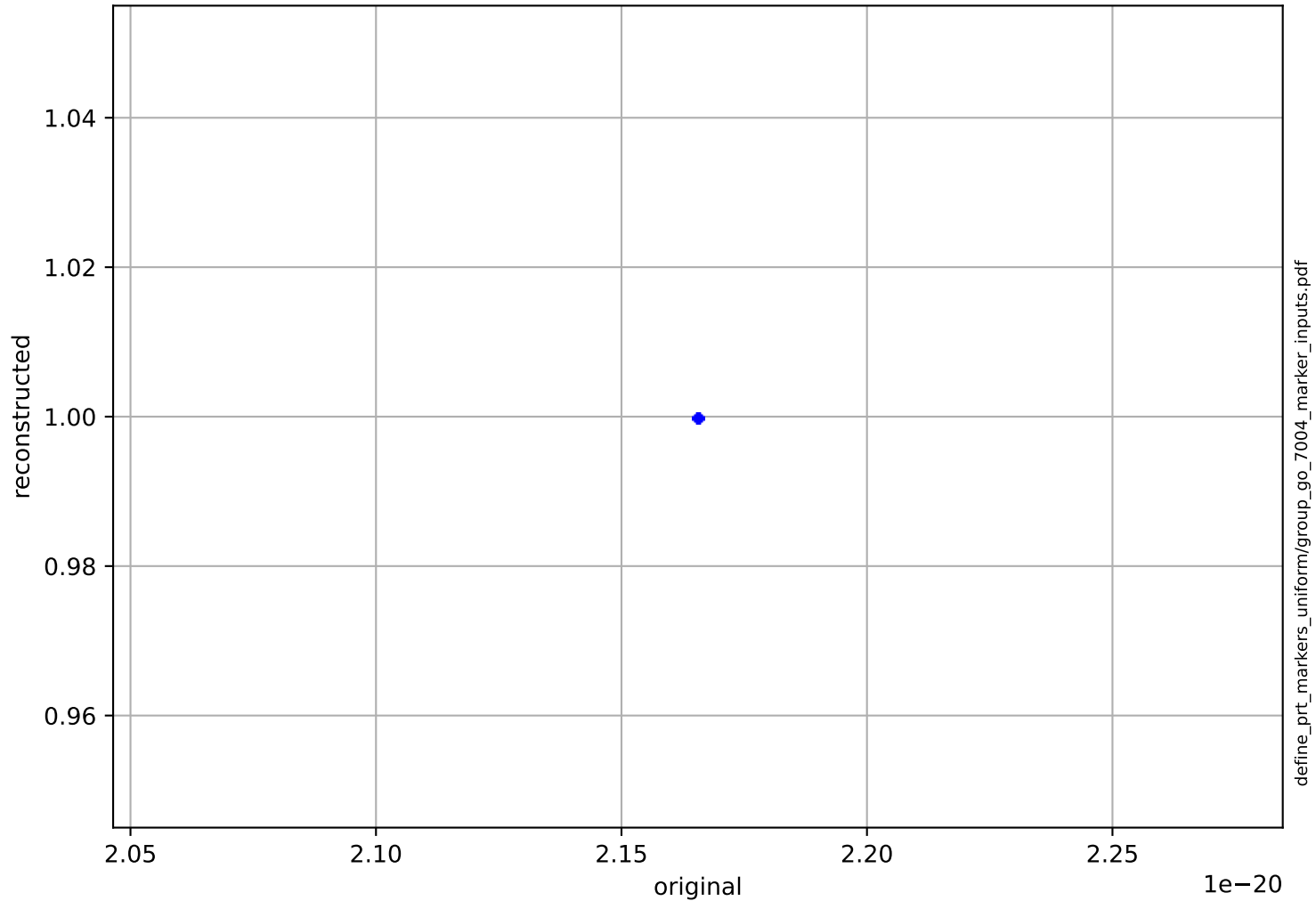
Original and reconstructed pitch



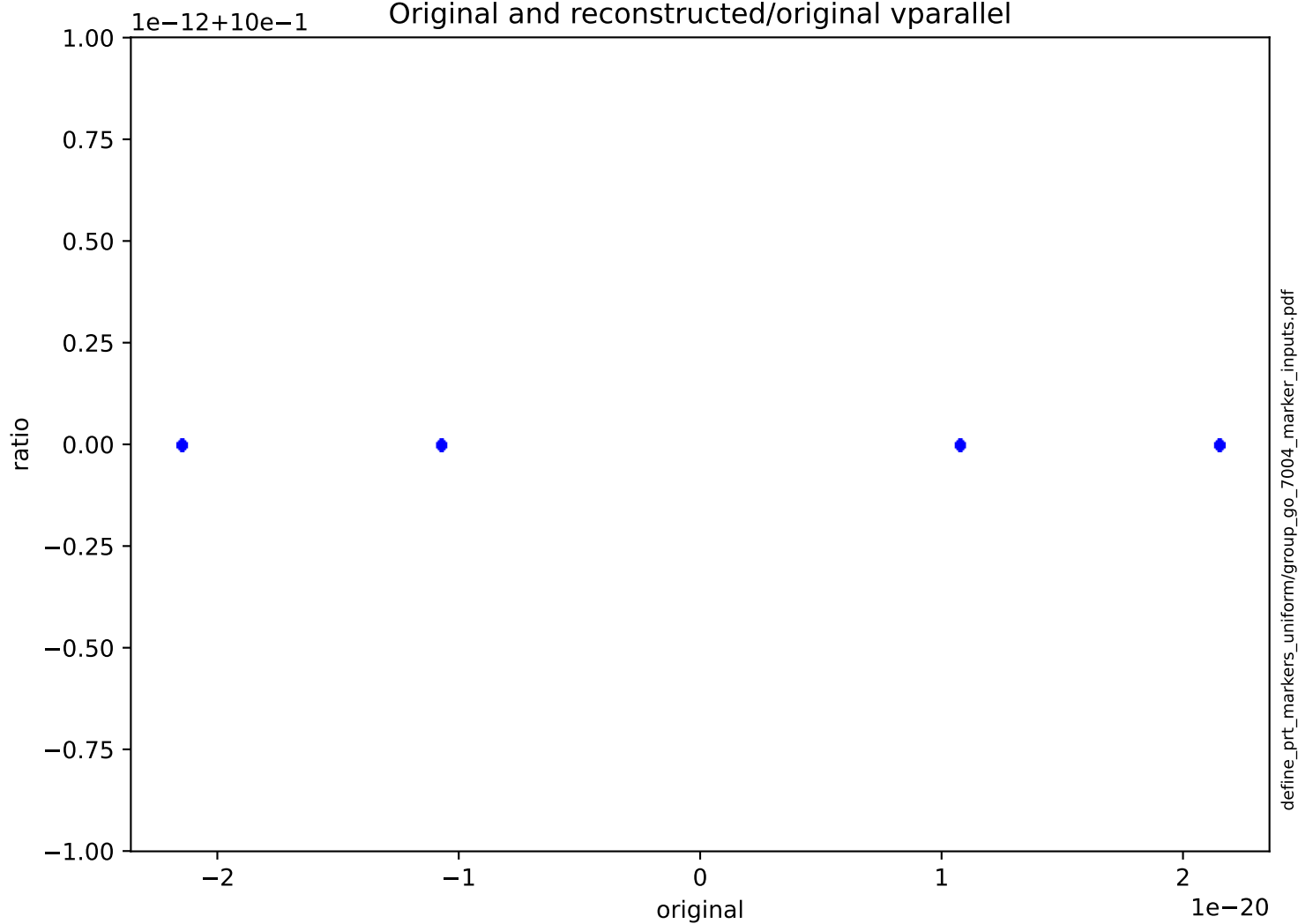
Original and reconstructed pitch (limited range)



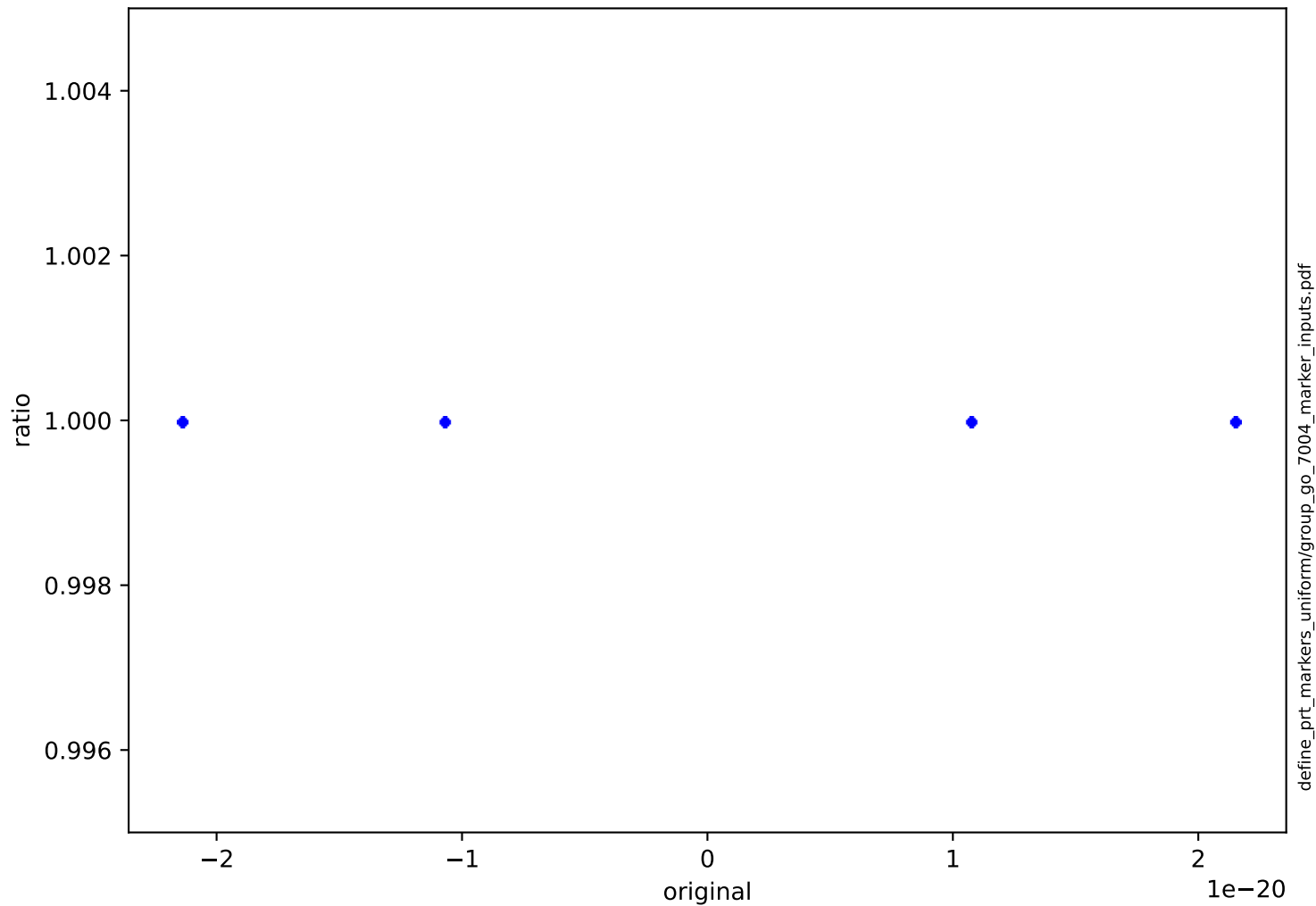
Original and reconstructed/original vtot



Original and reconstructed/original vparallel

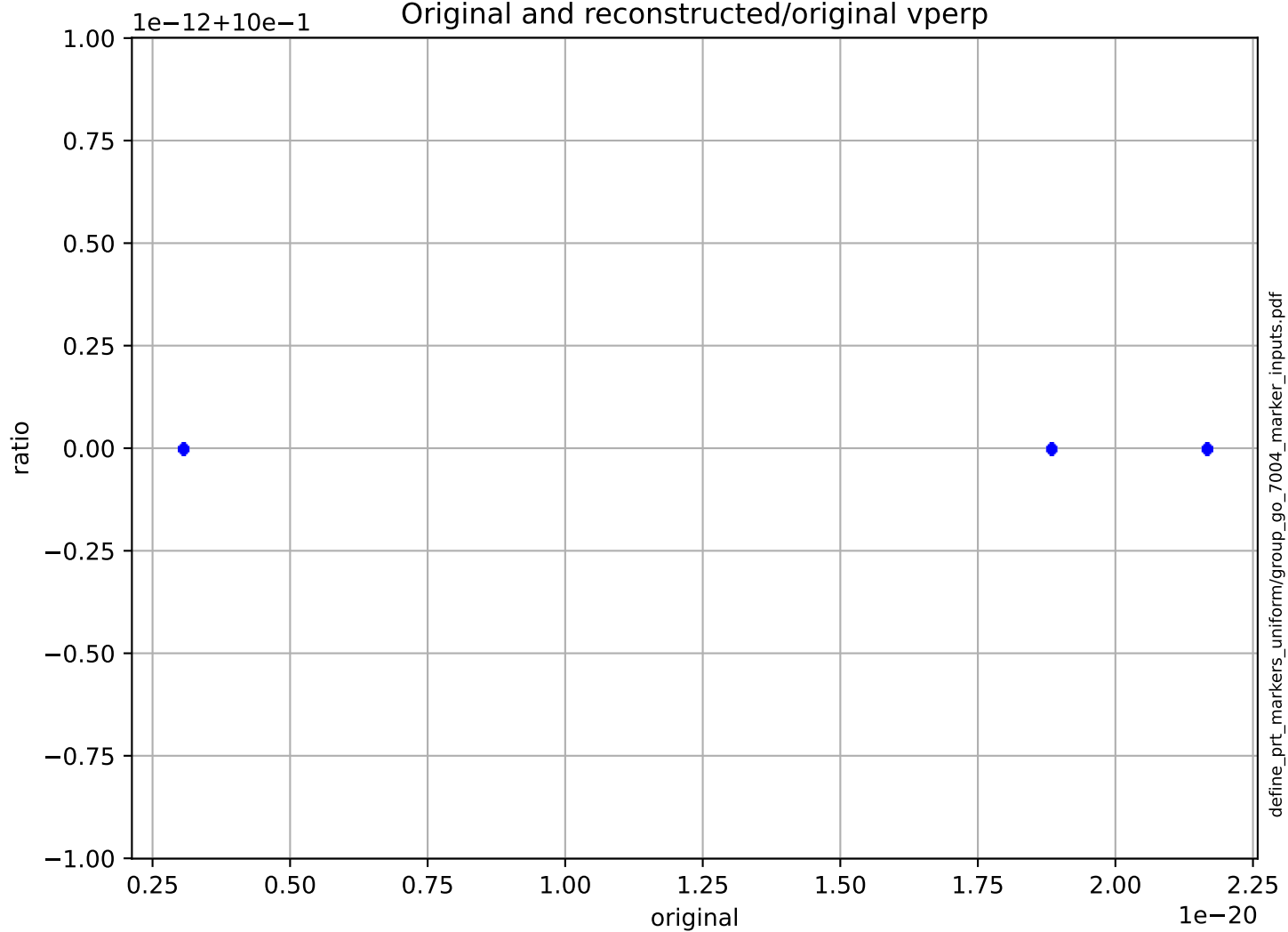


Original and reconstructed/original vparallel (limited range)

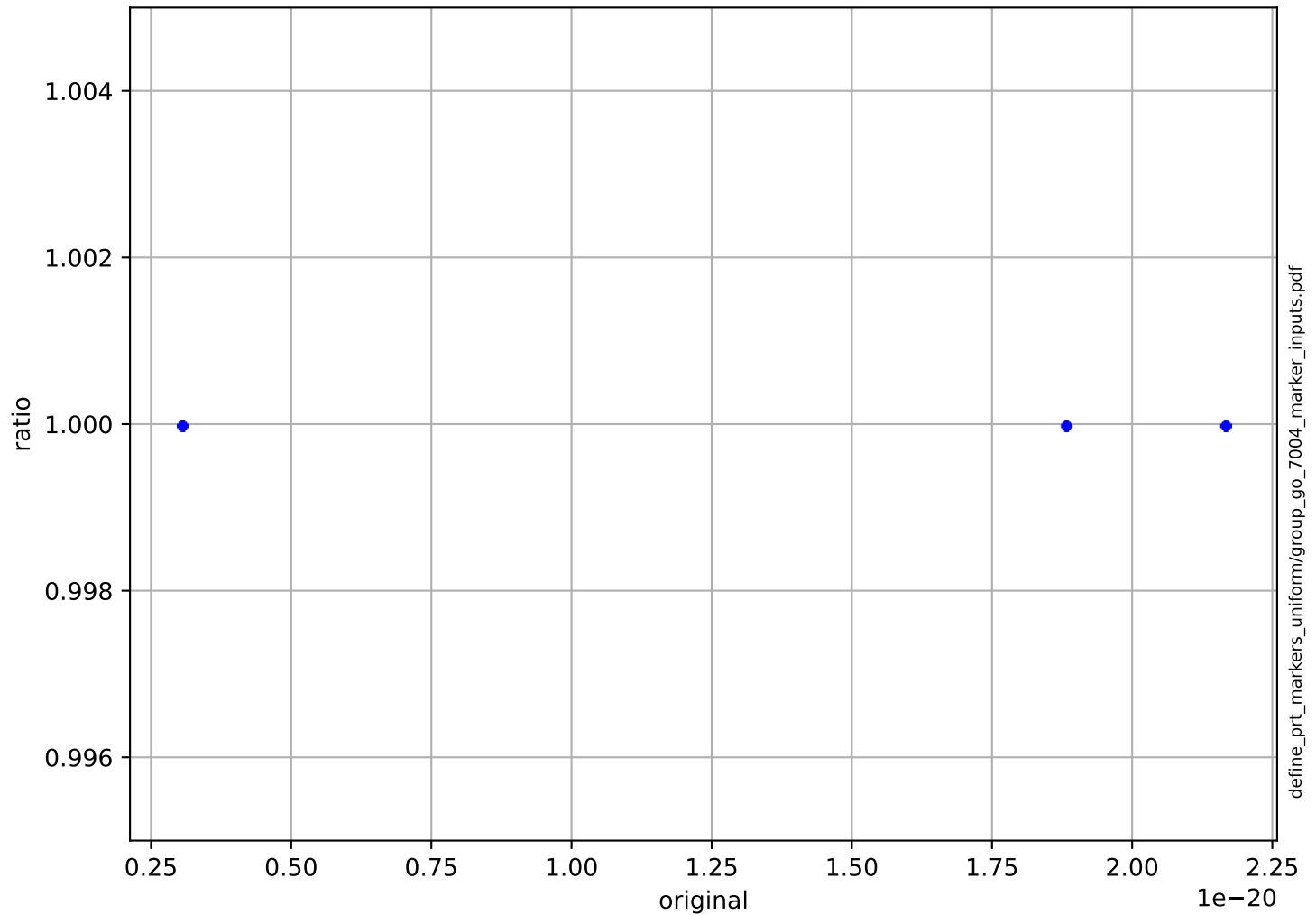




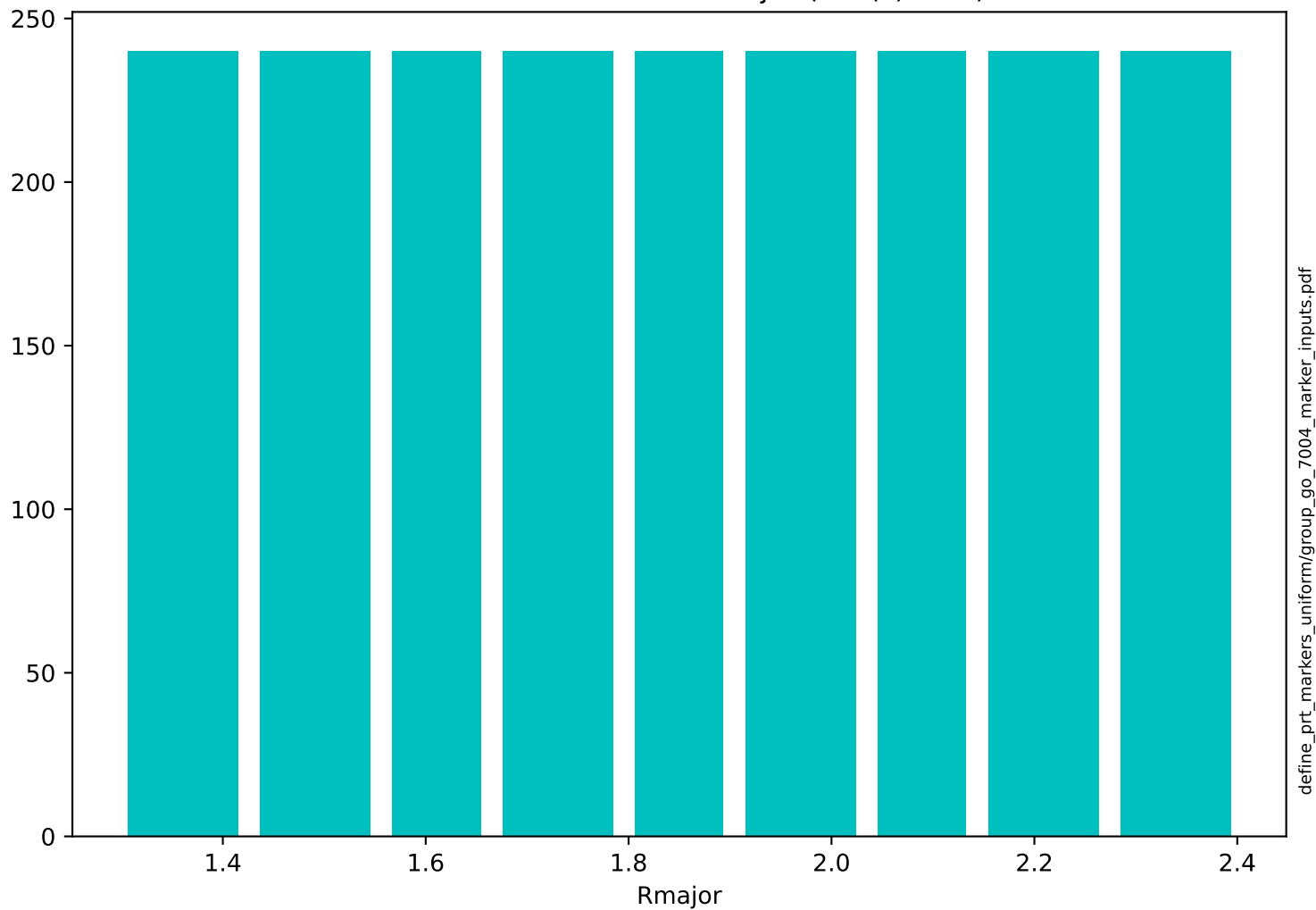
Original and reconstructed/original vperp



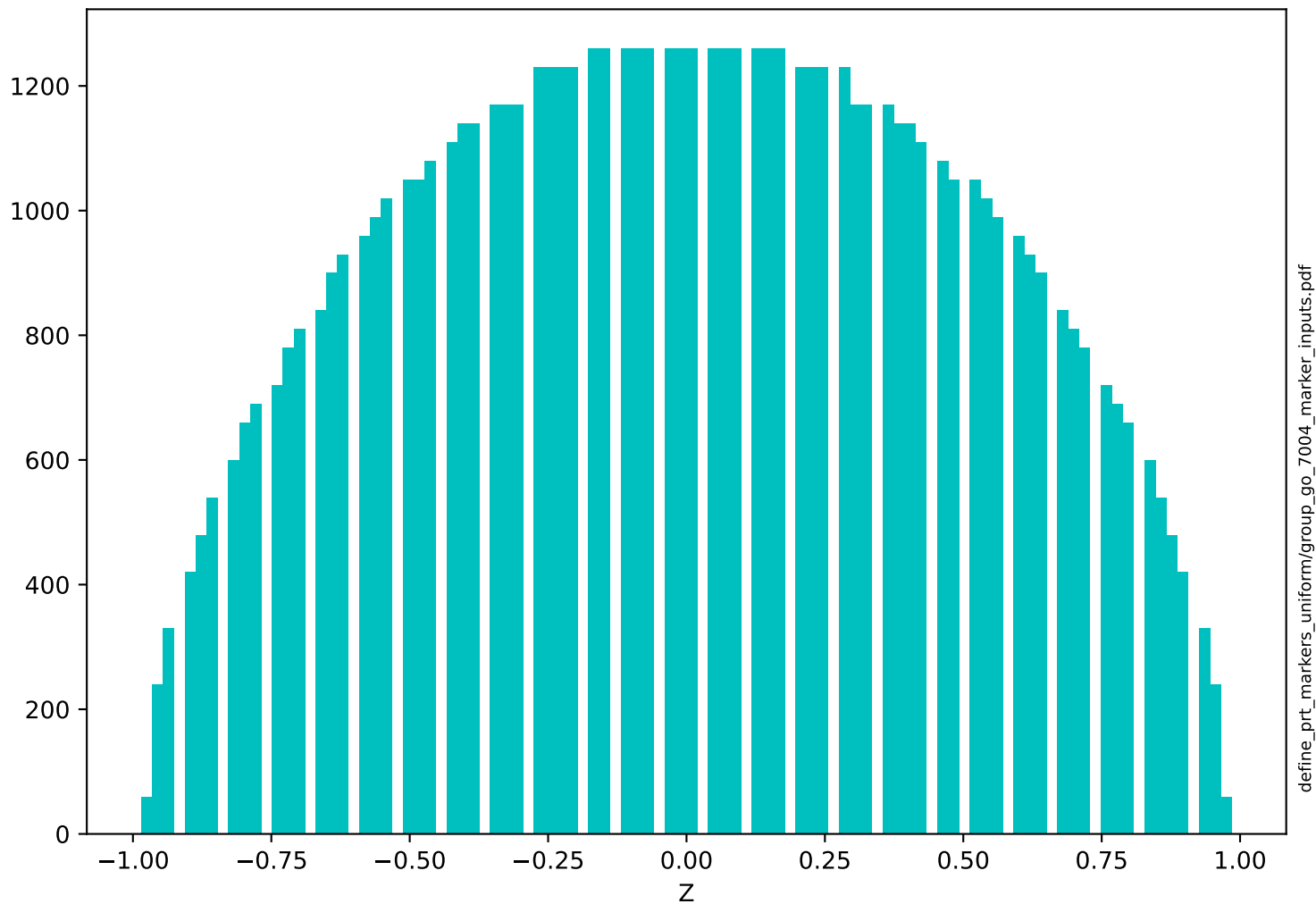
Original and reconstructed/original vperp (limited range)



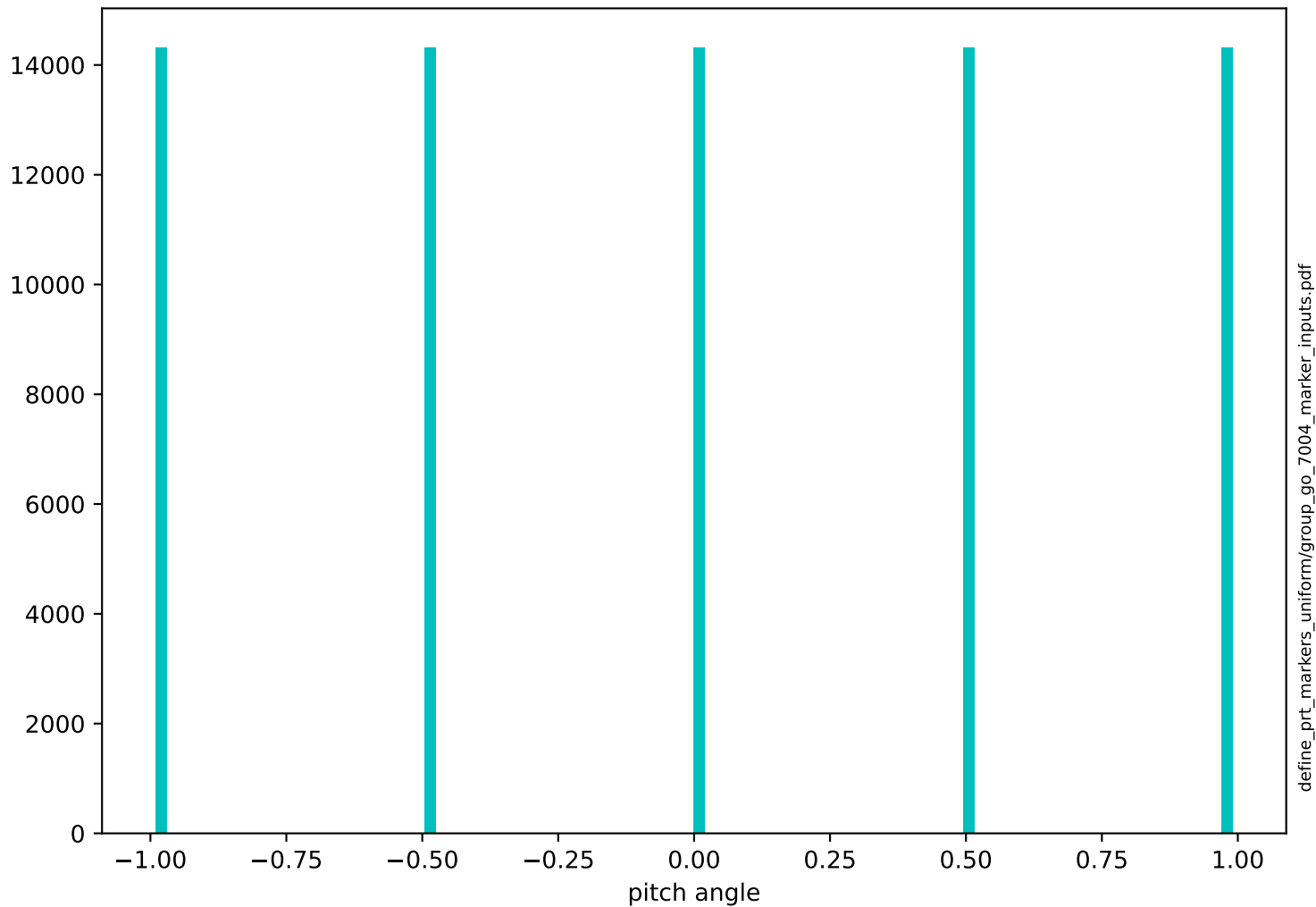
Distribution of marker Rmajor ( $\text{abs}(z) < 0.1$ )



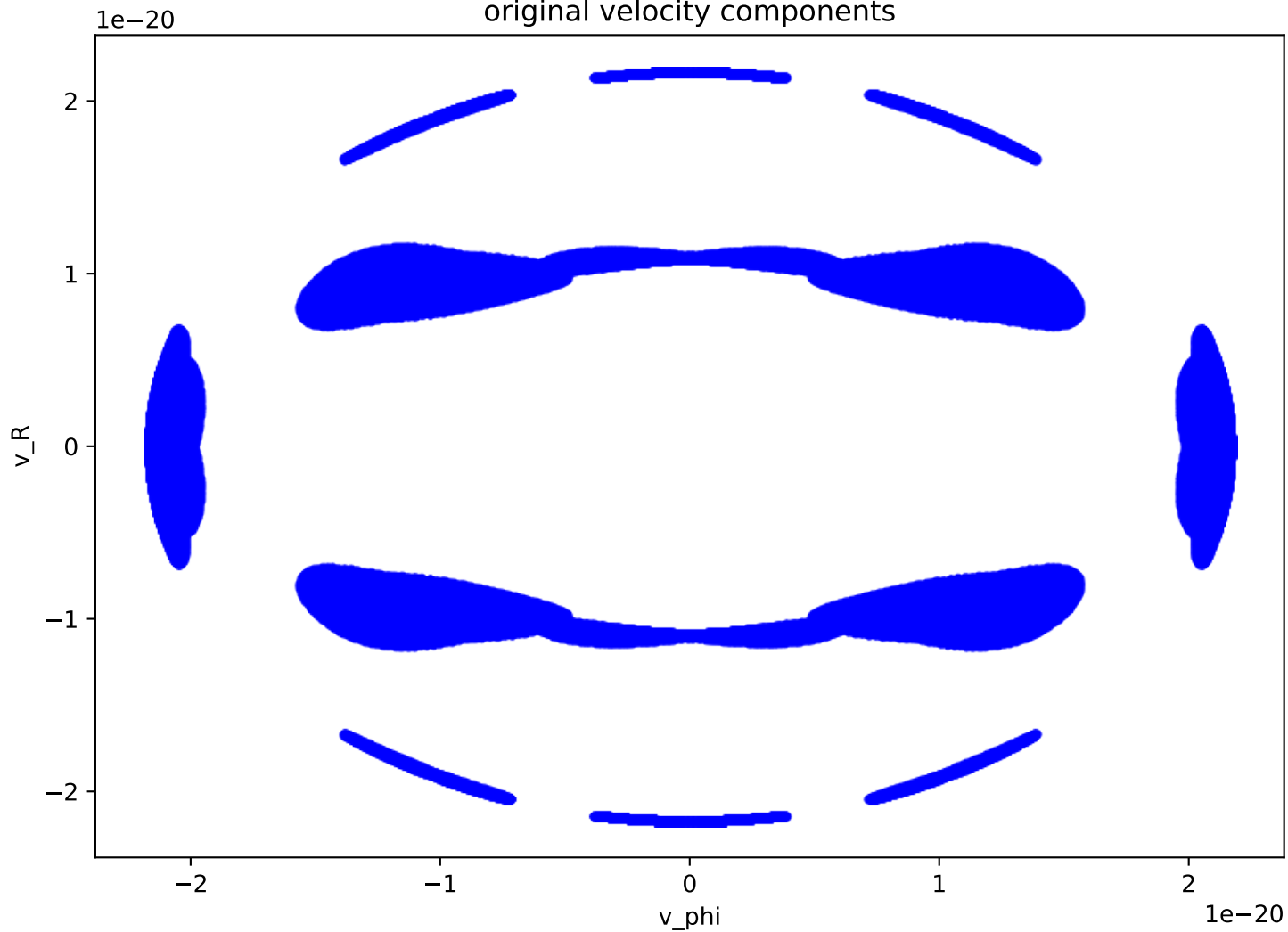
Distribution of marker Z



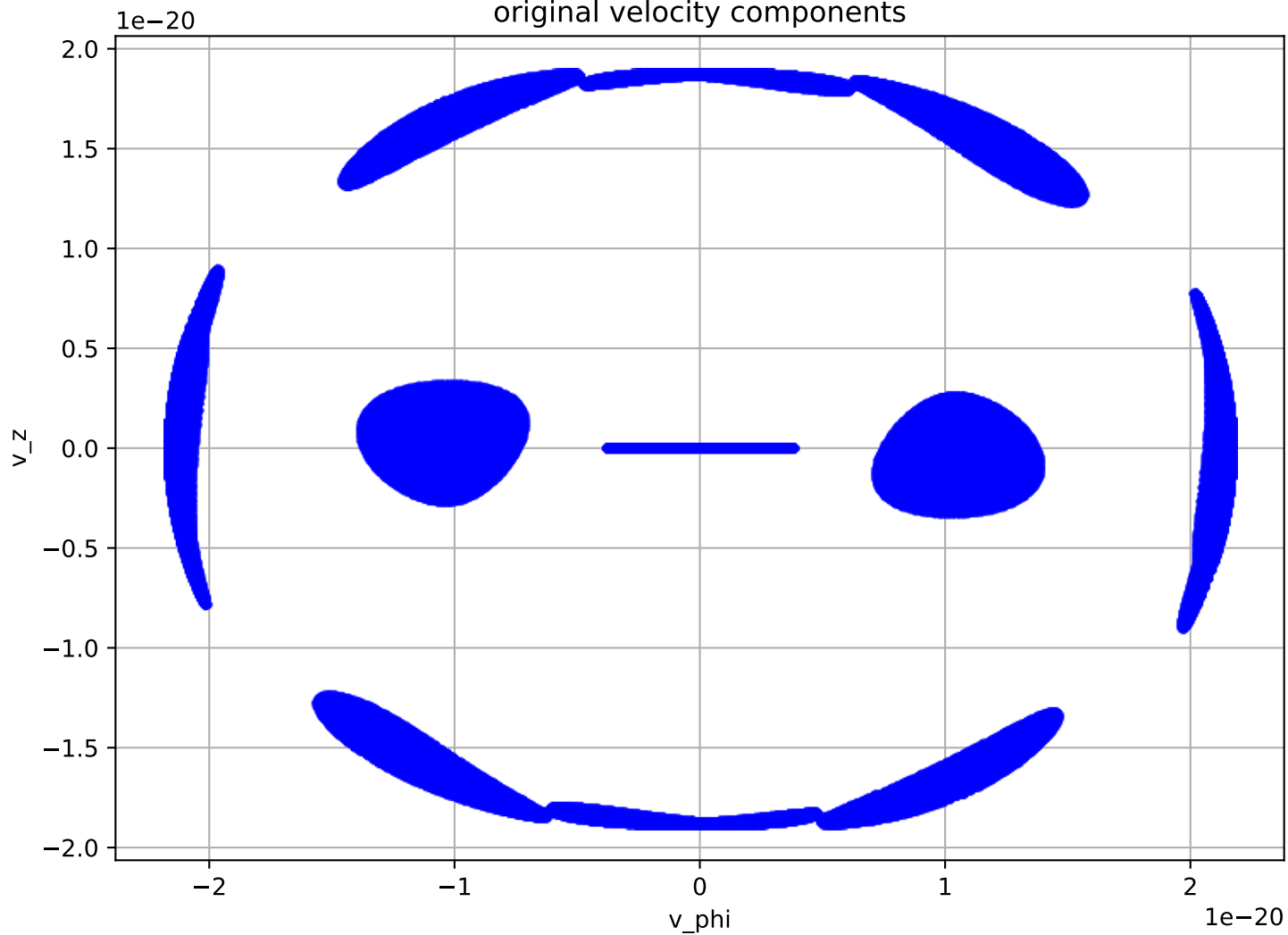
Distribution of marker pitch angles



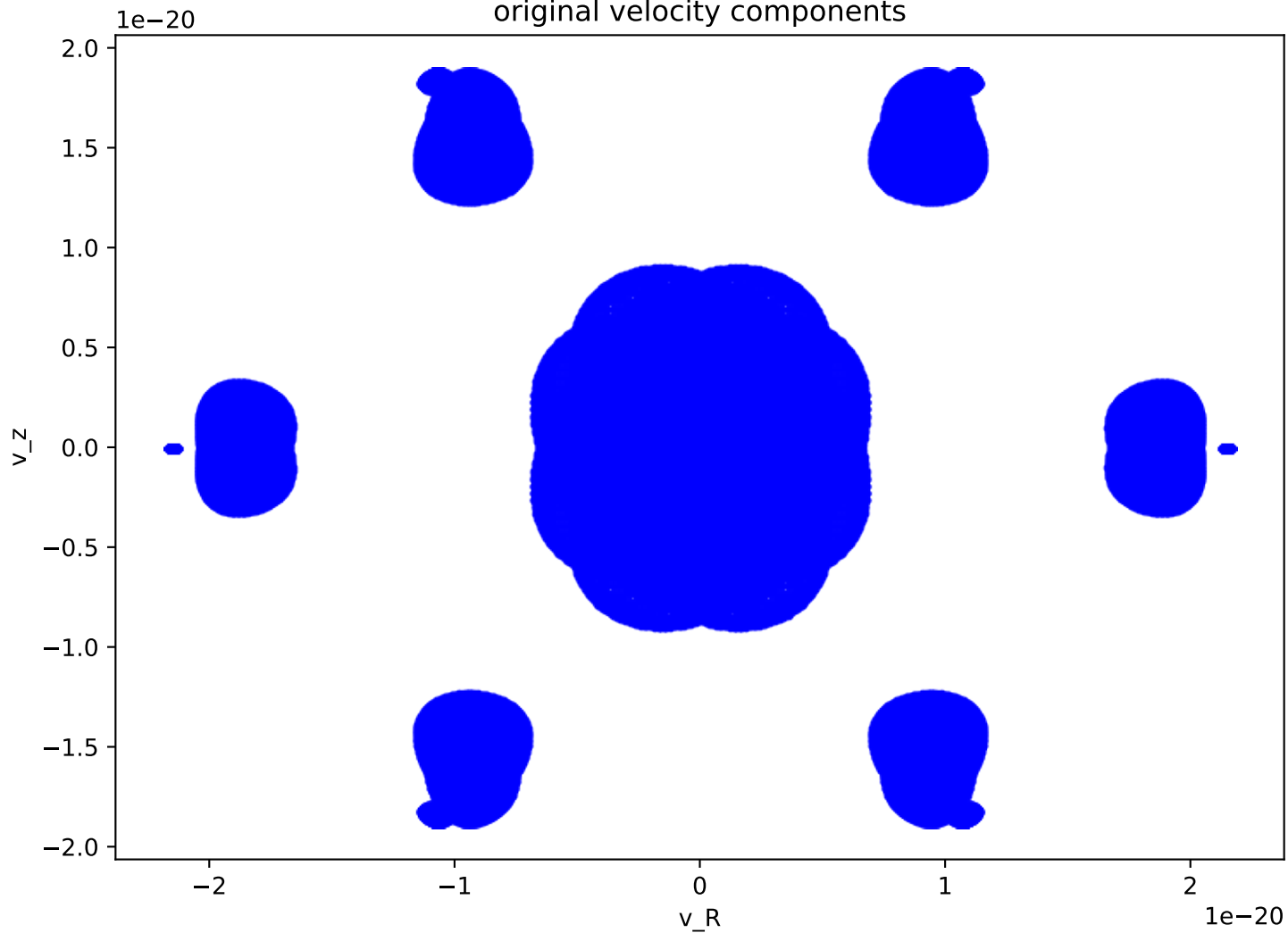
original velocity components



original velocity components

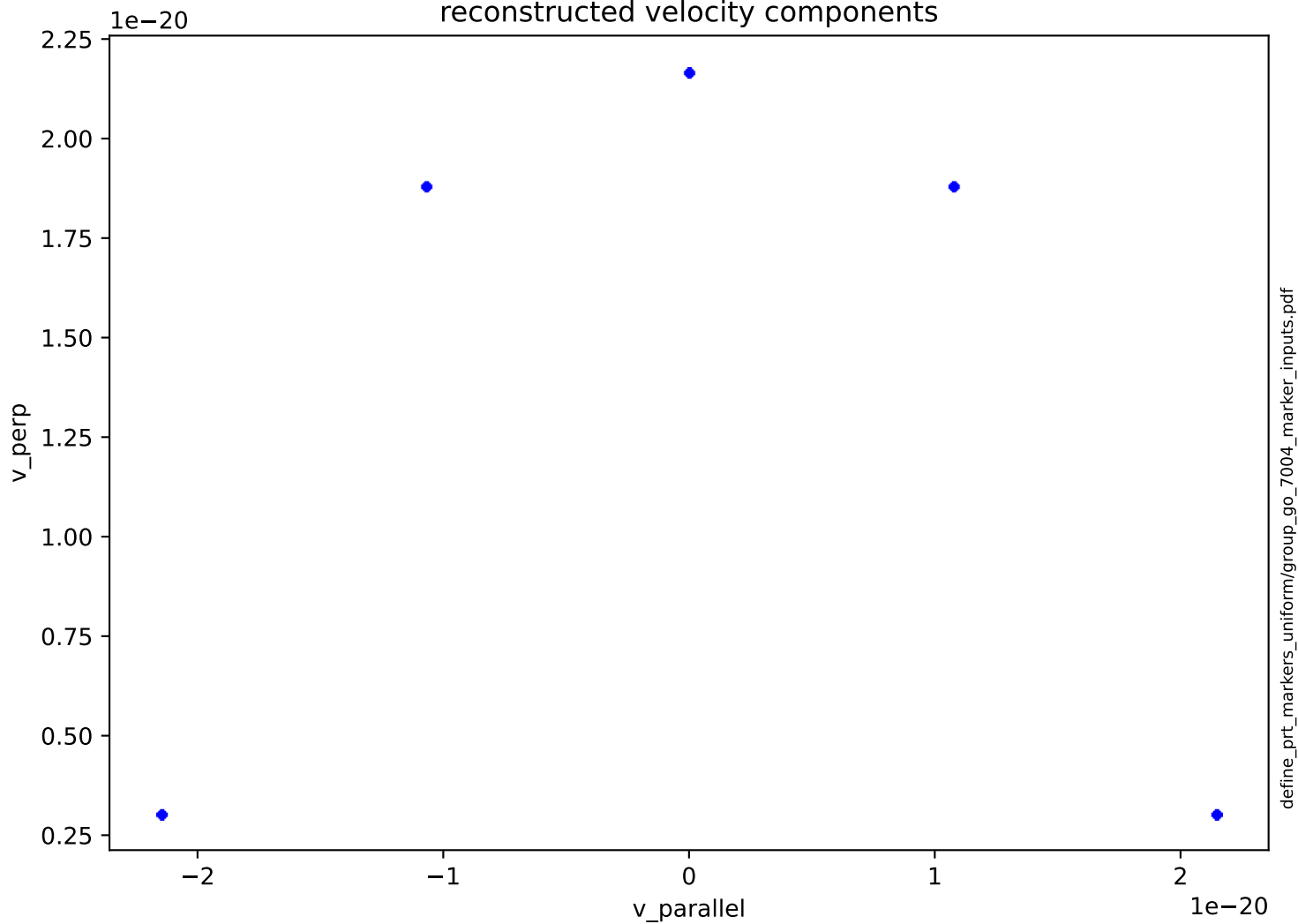


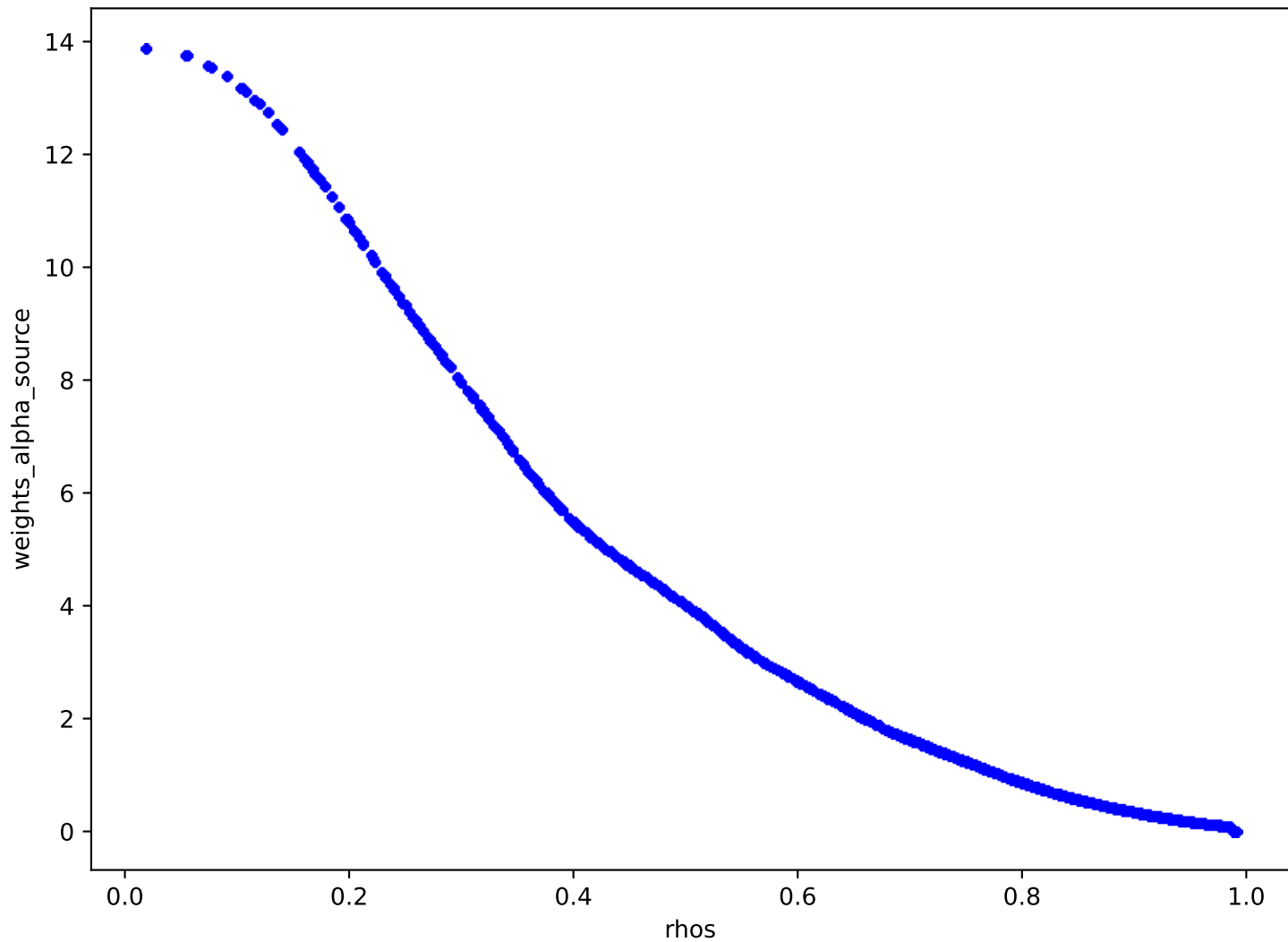
original velocity components

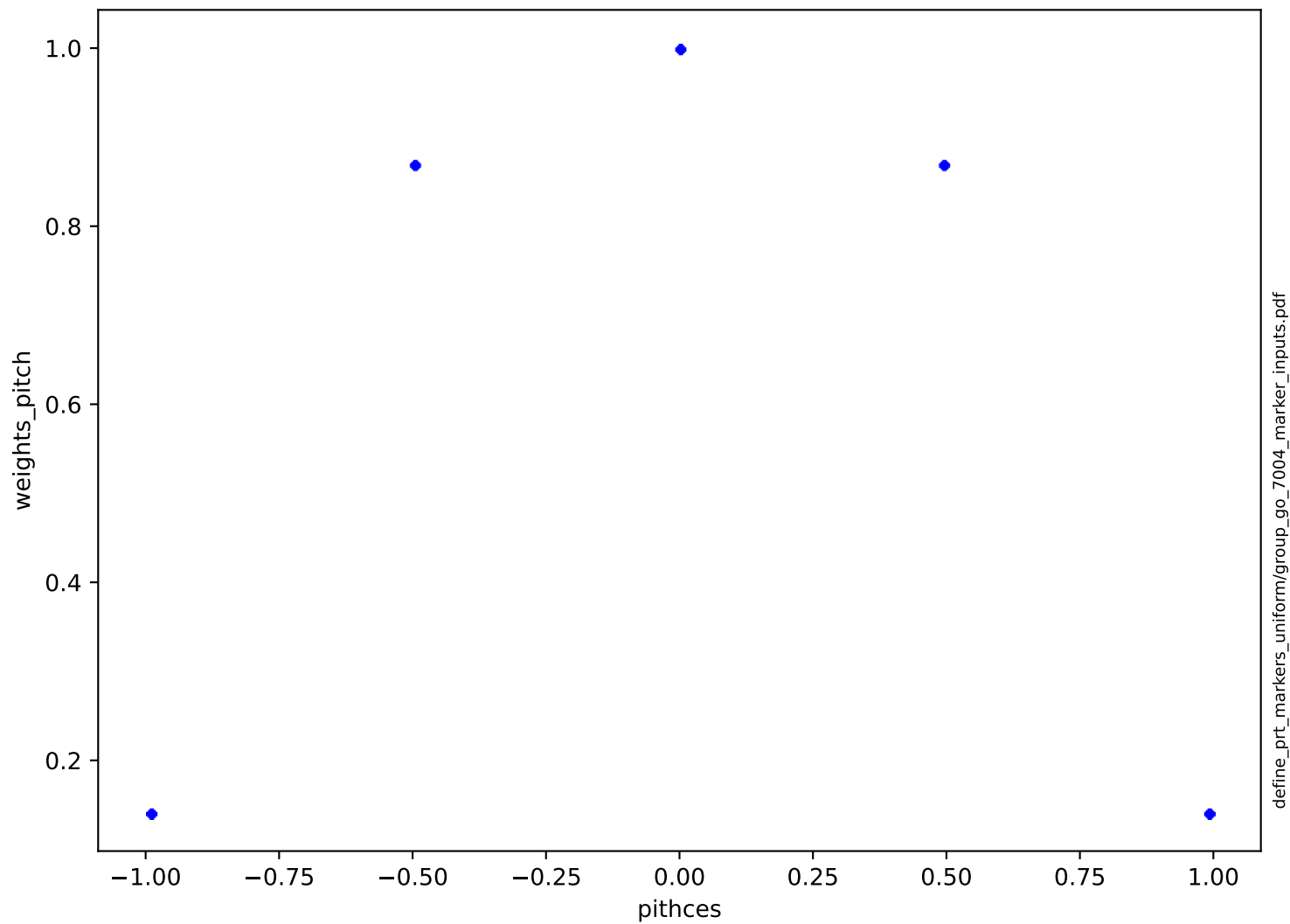


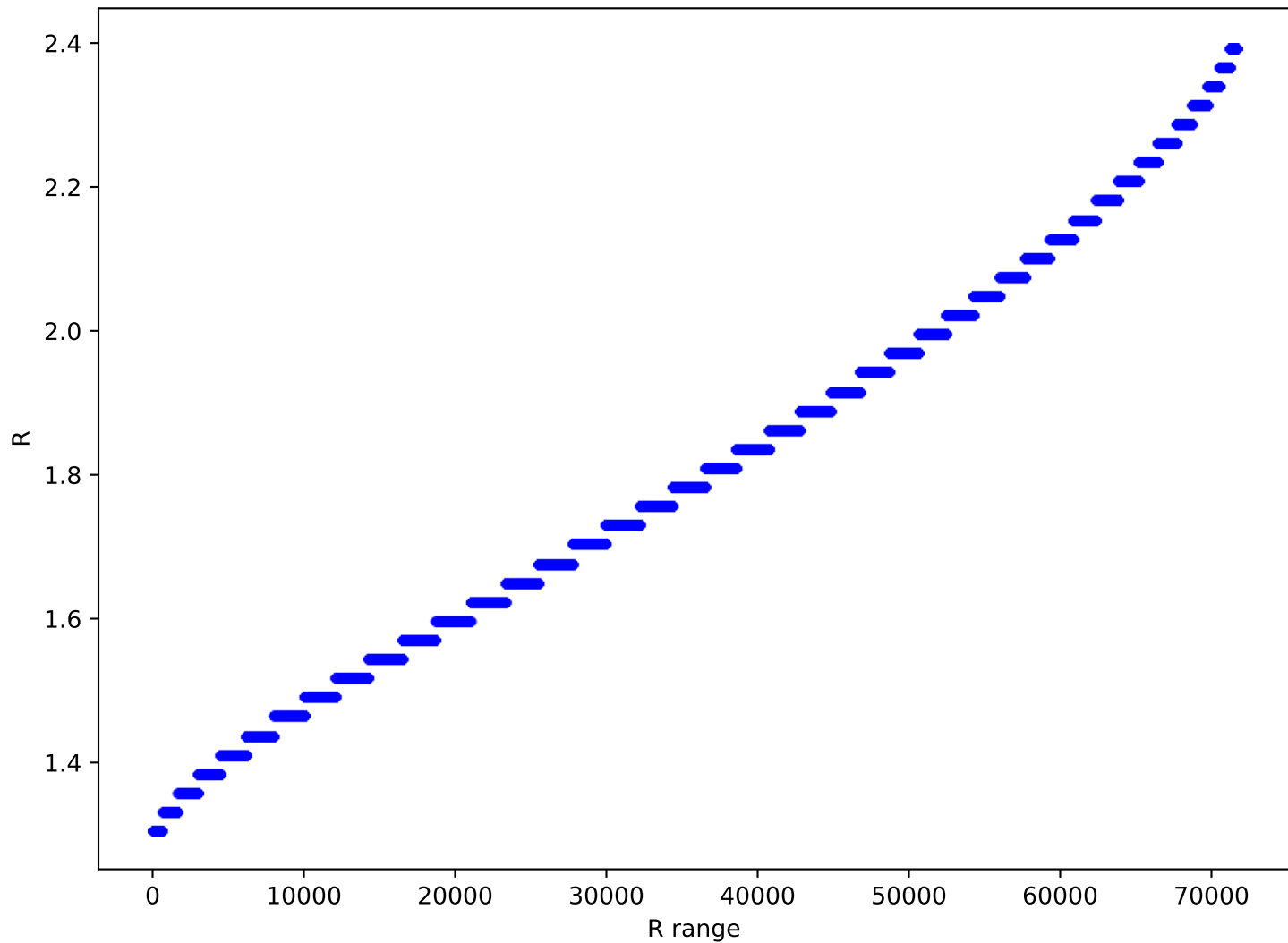


reconstructed velocity components

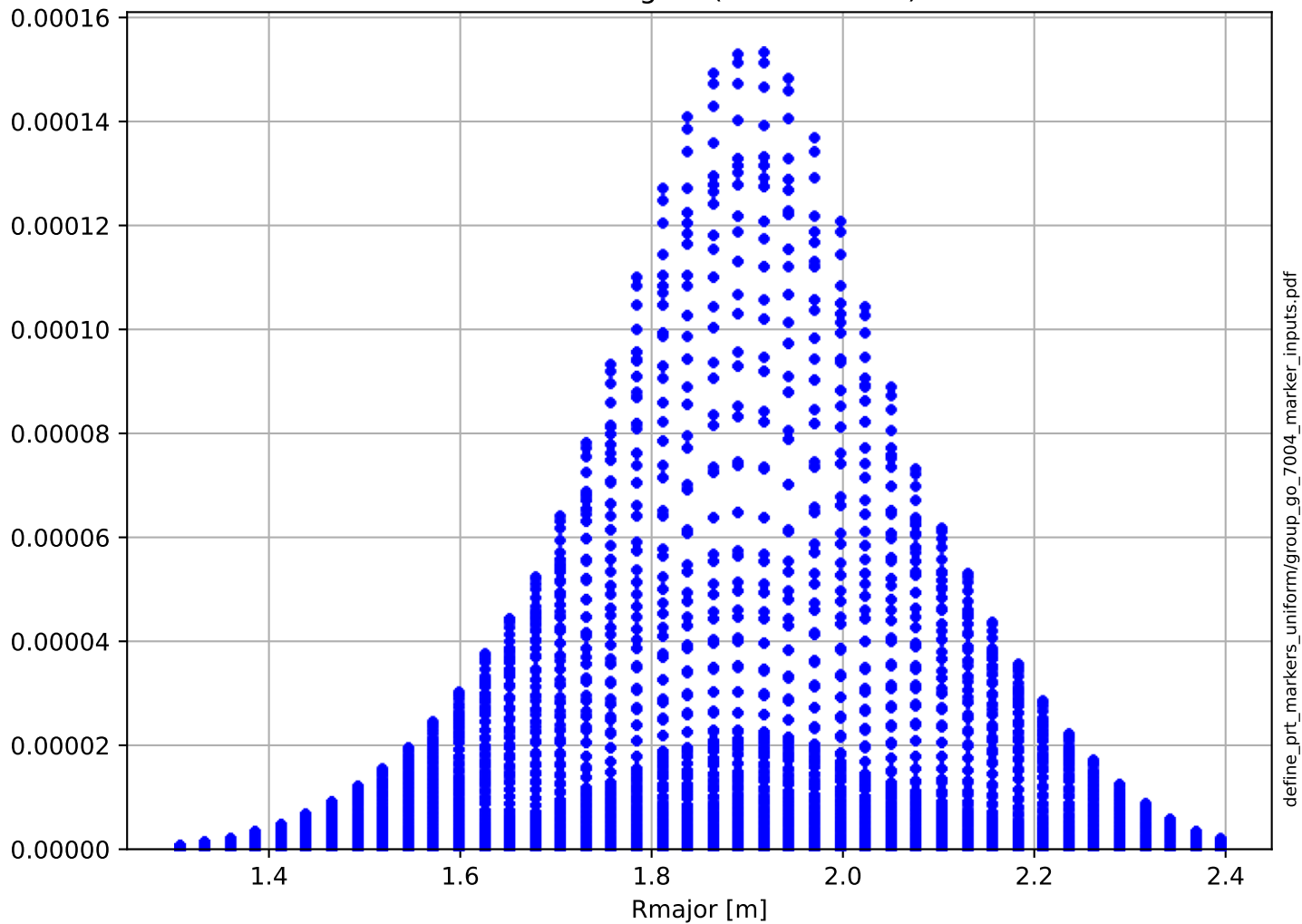




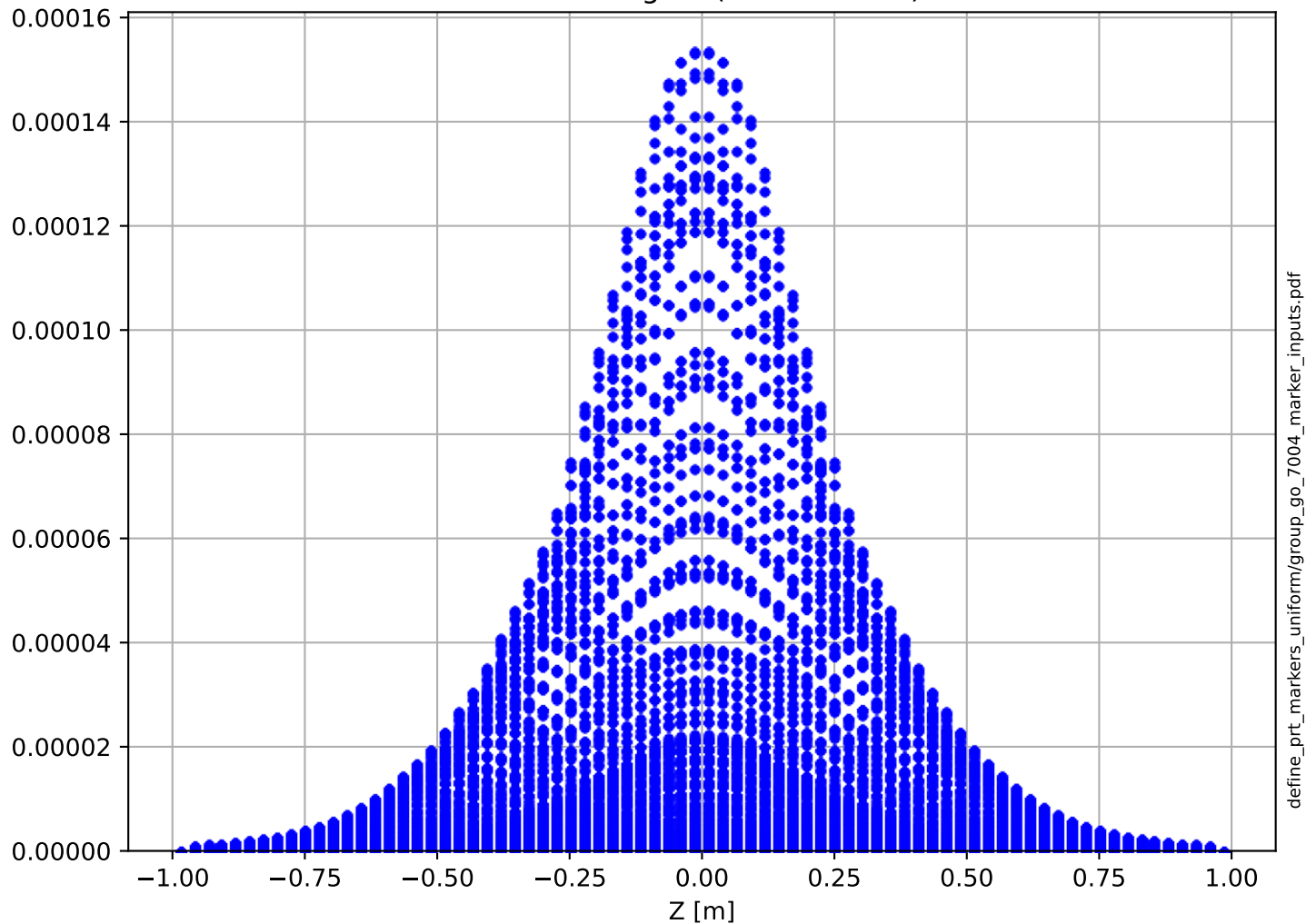




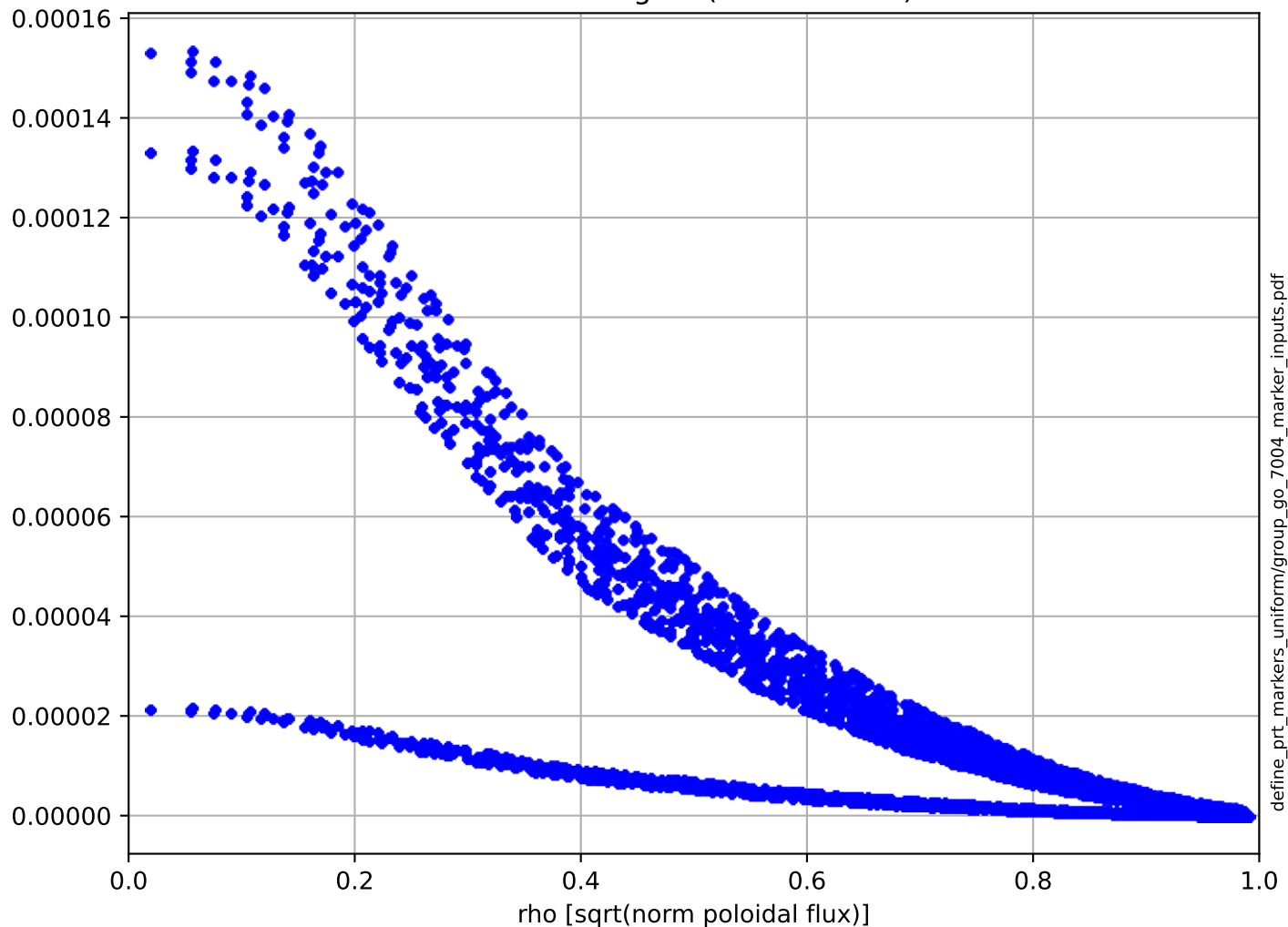
Marker weights (marker set 1)



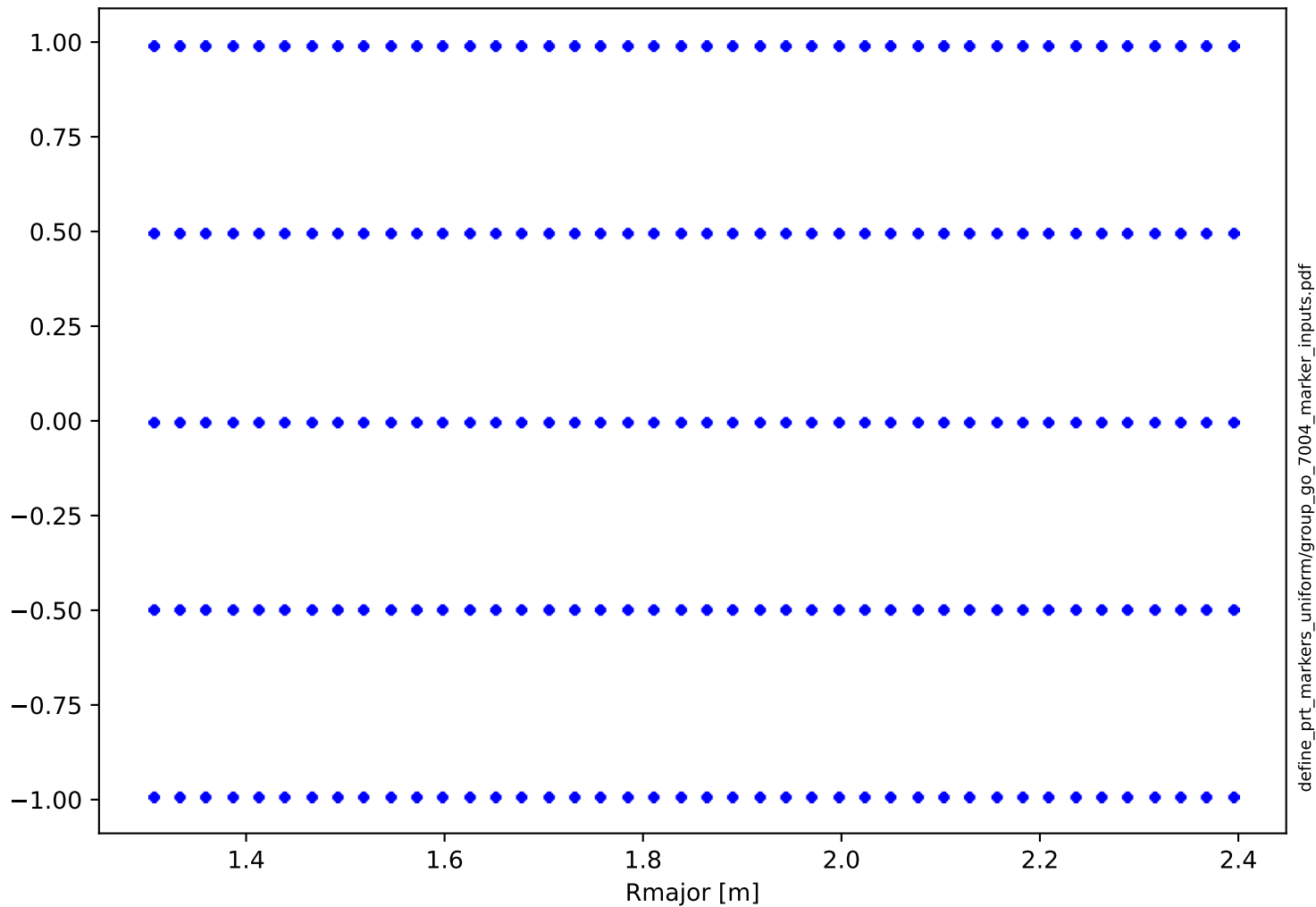
Marker weights (marker set 1)



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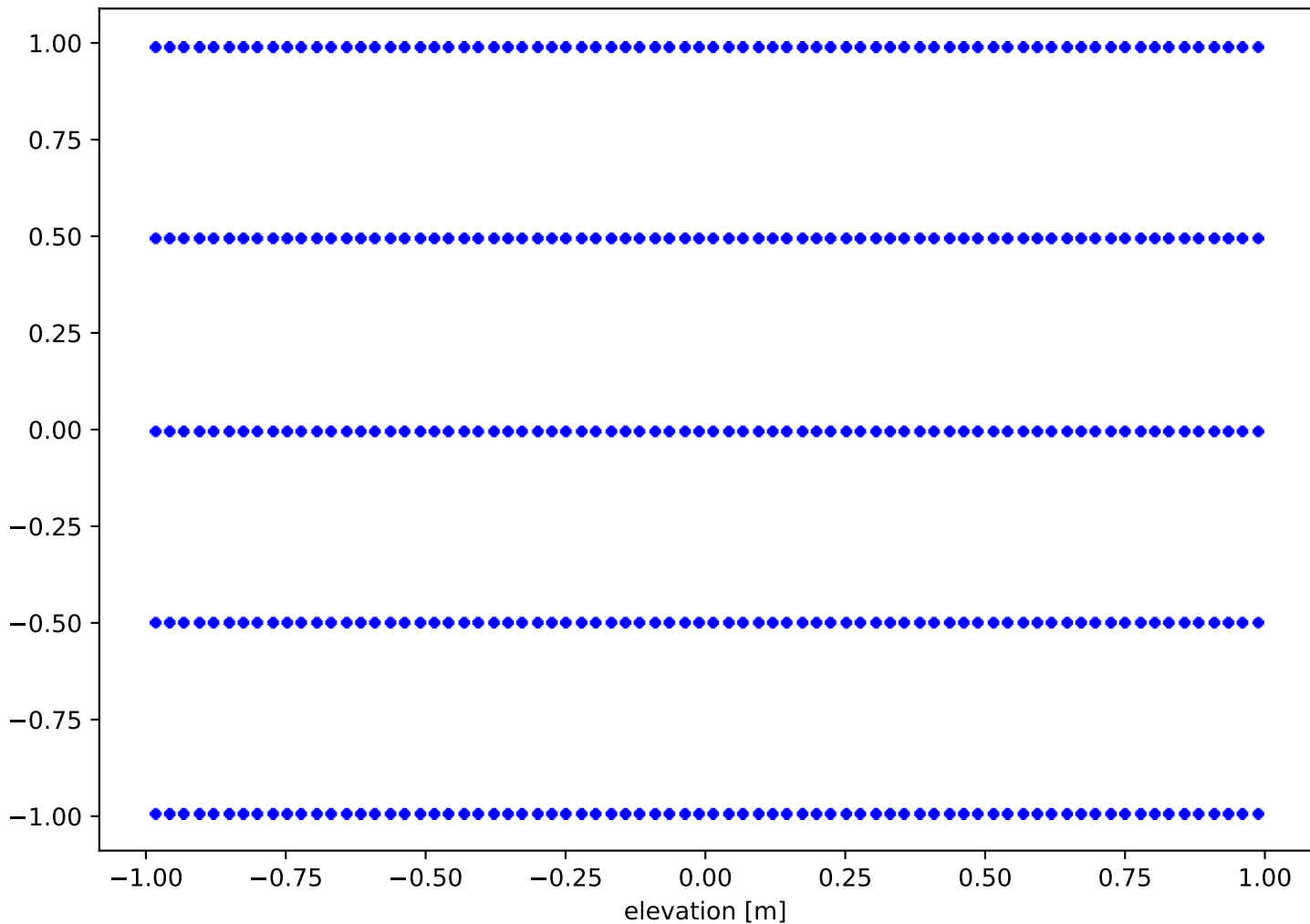


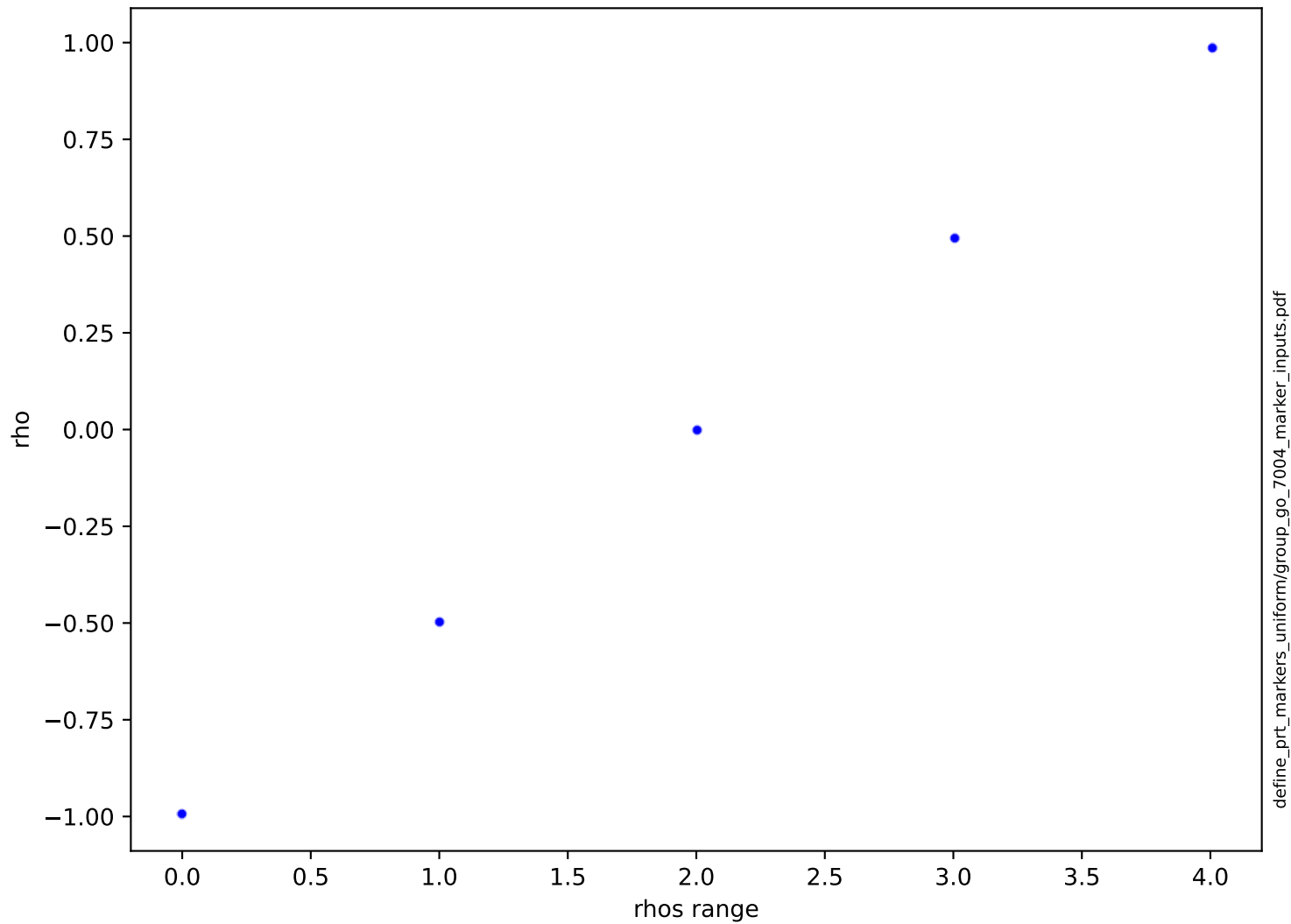
pitch of markers



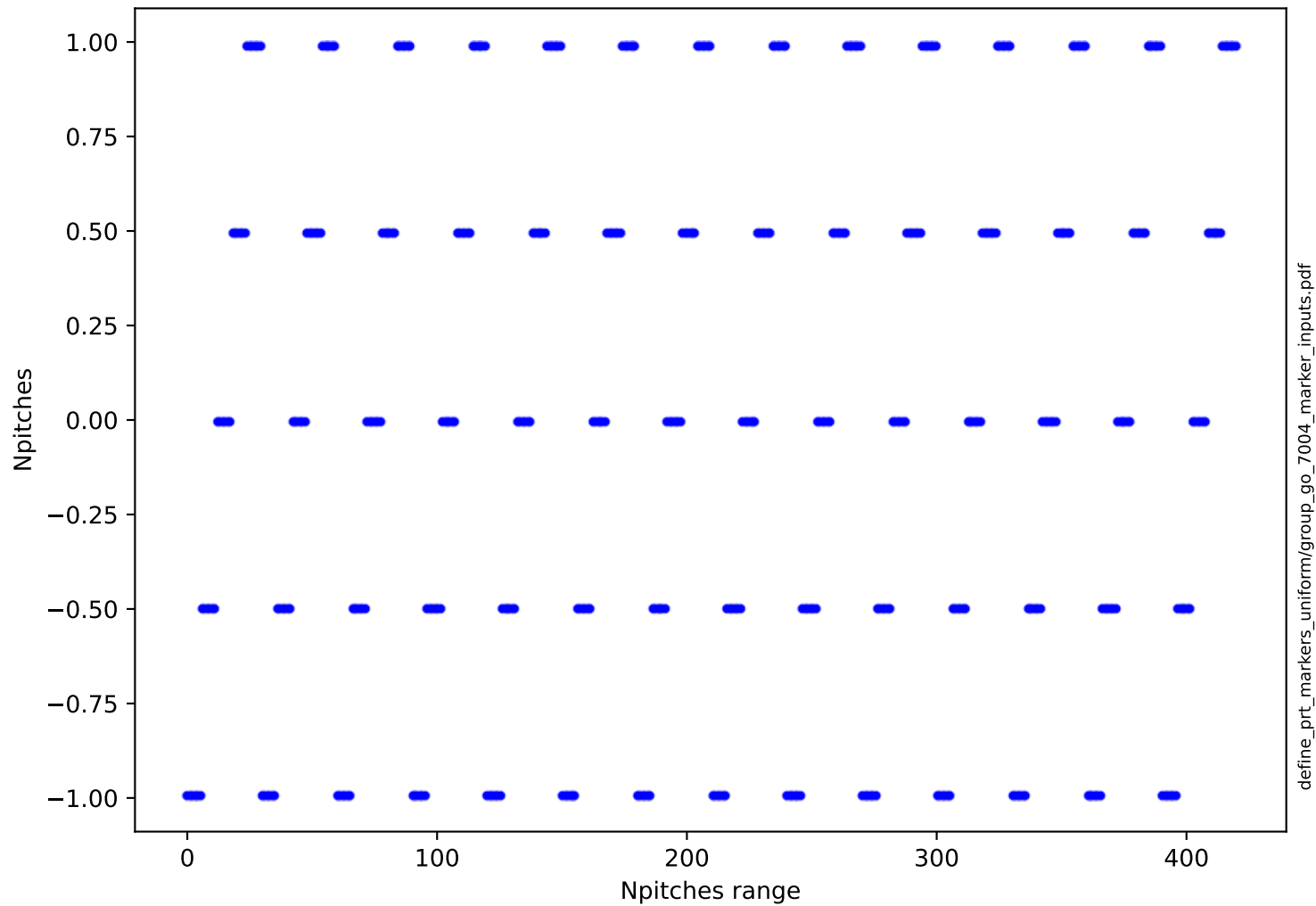


pitch of markers

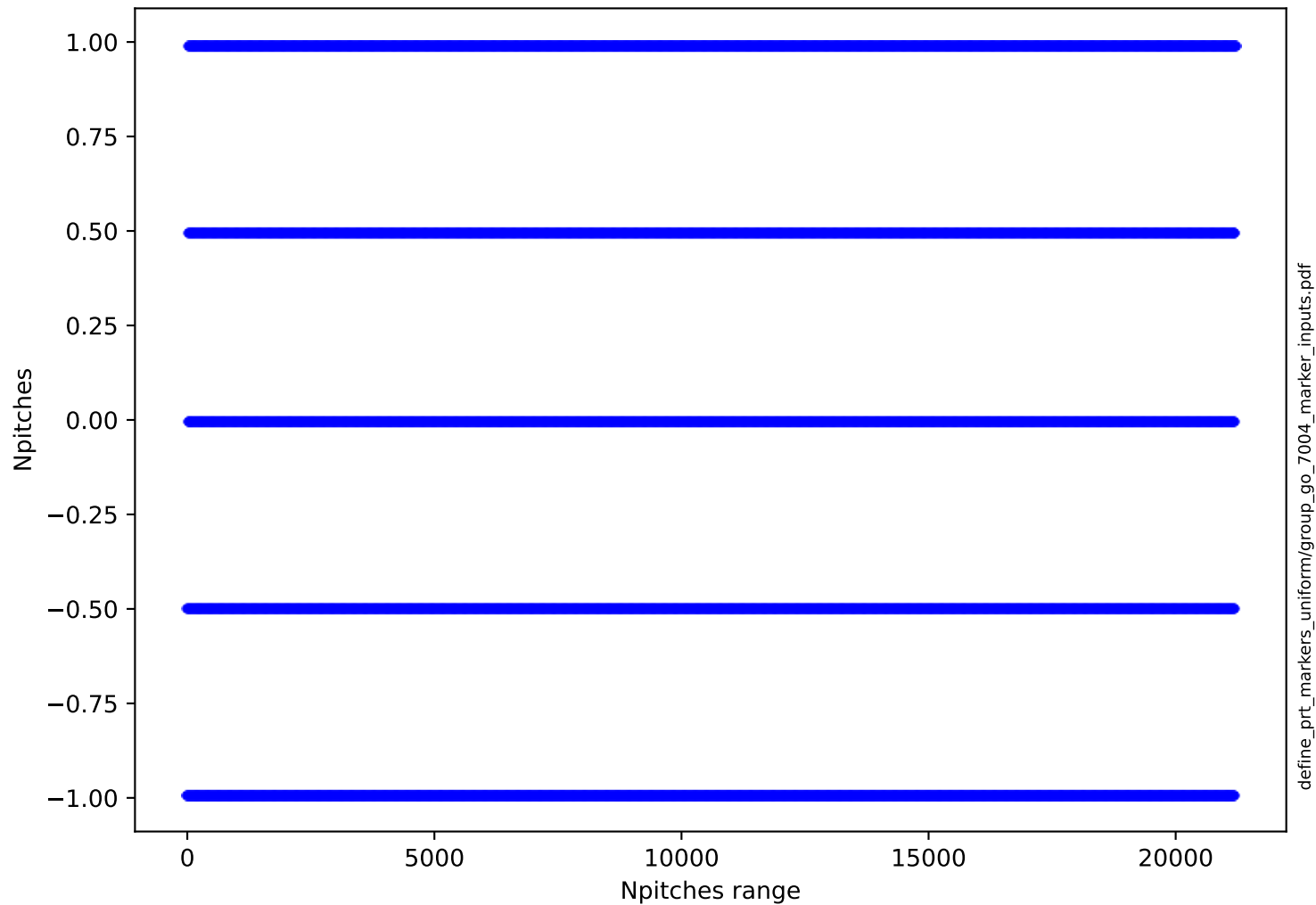




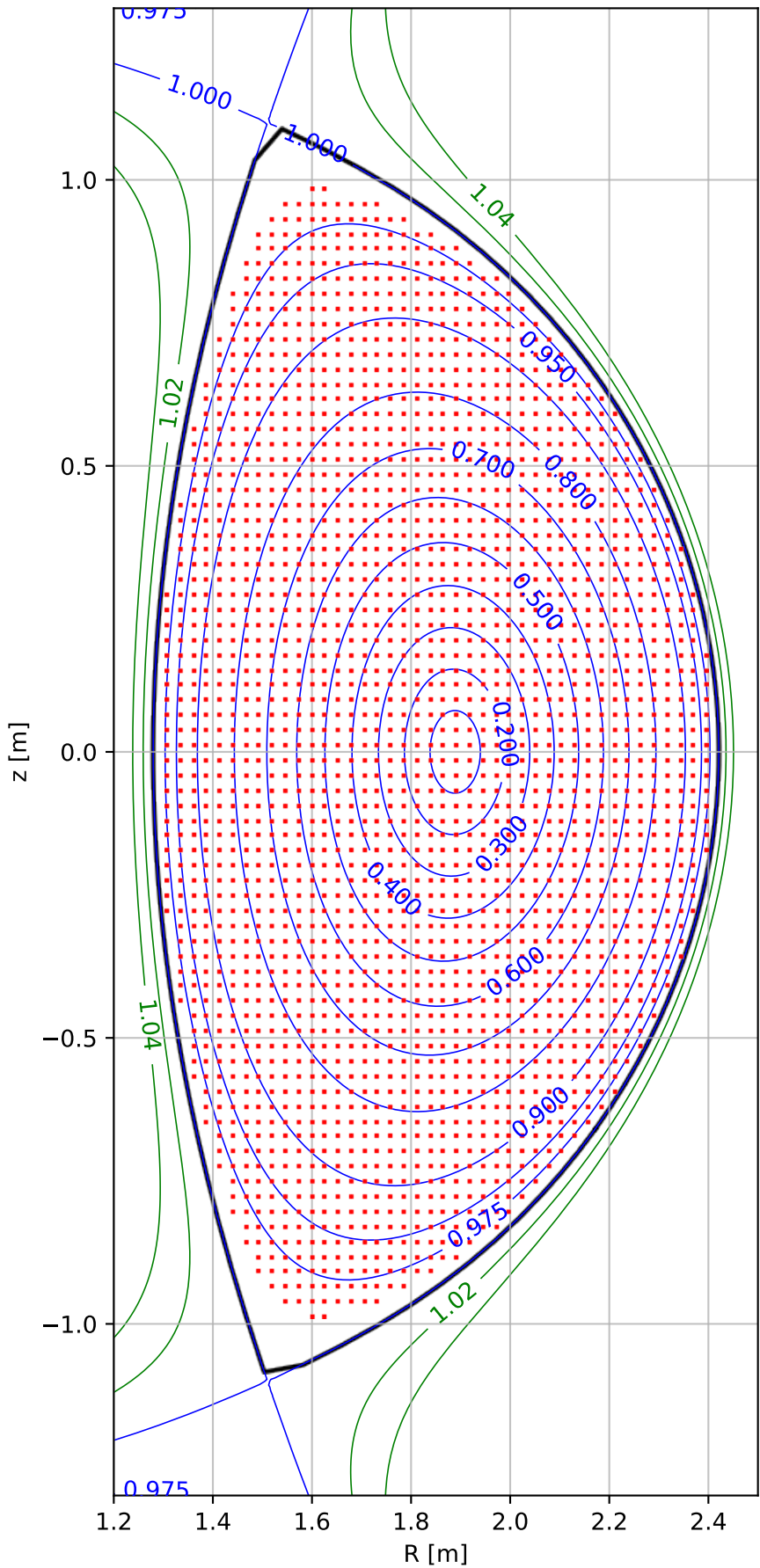
Npitches at  $\rho < 0.1$



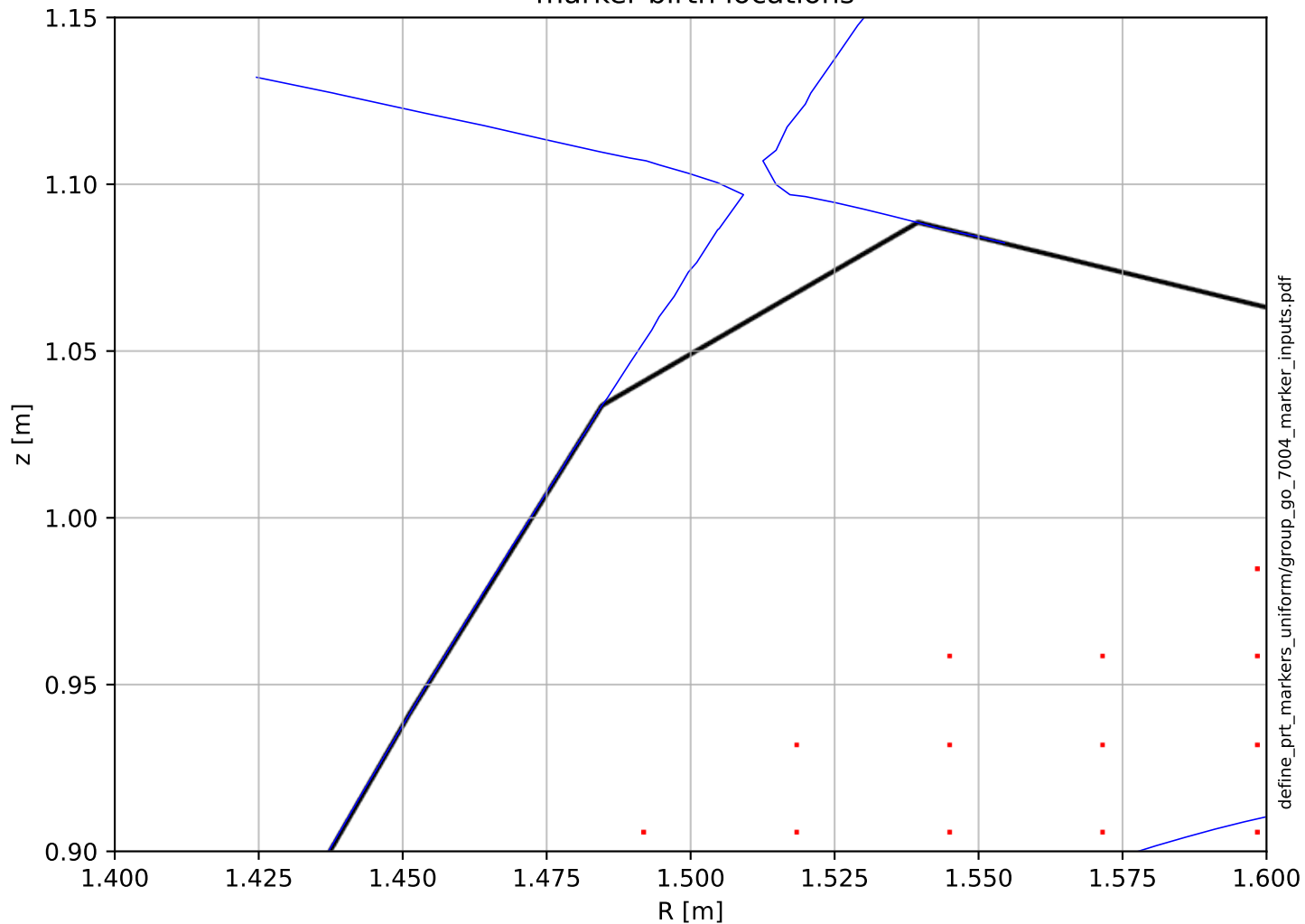
Npitches at  $\rho > 0.9$



marker birth locations

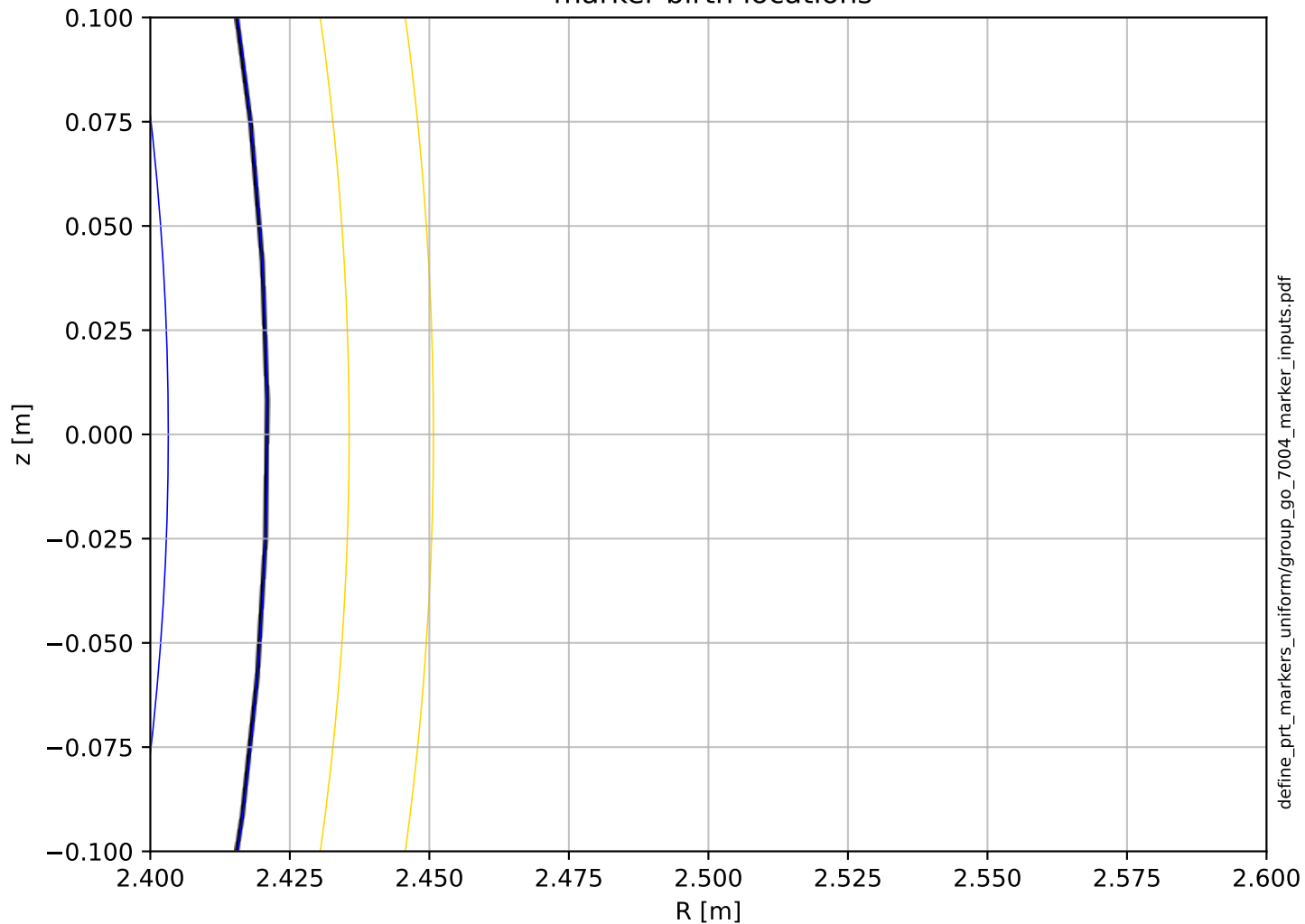


marker birth locations

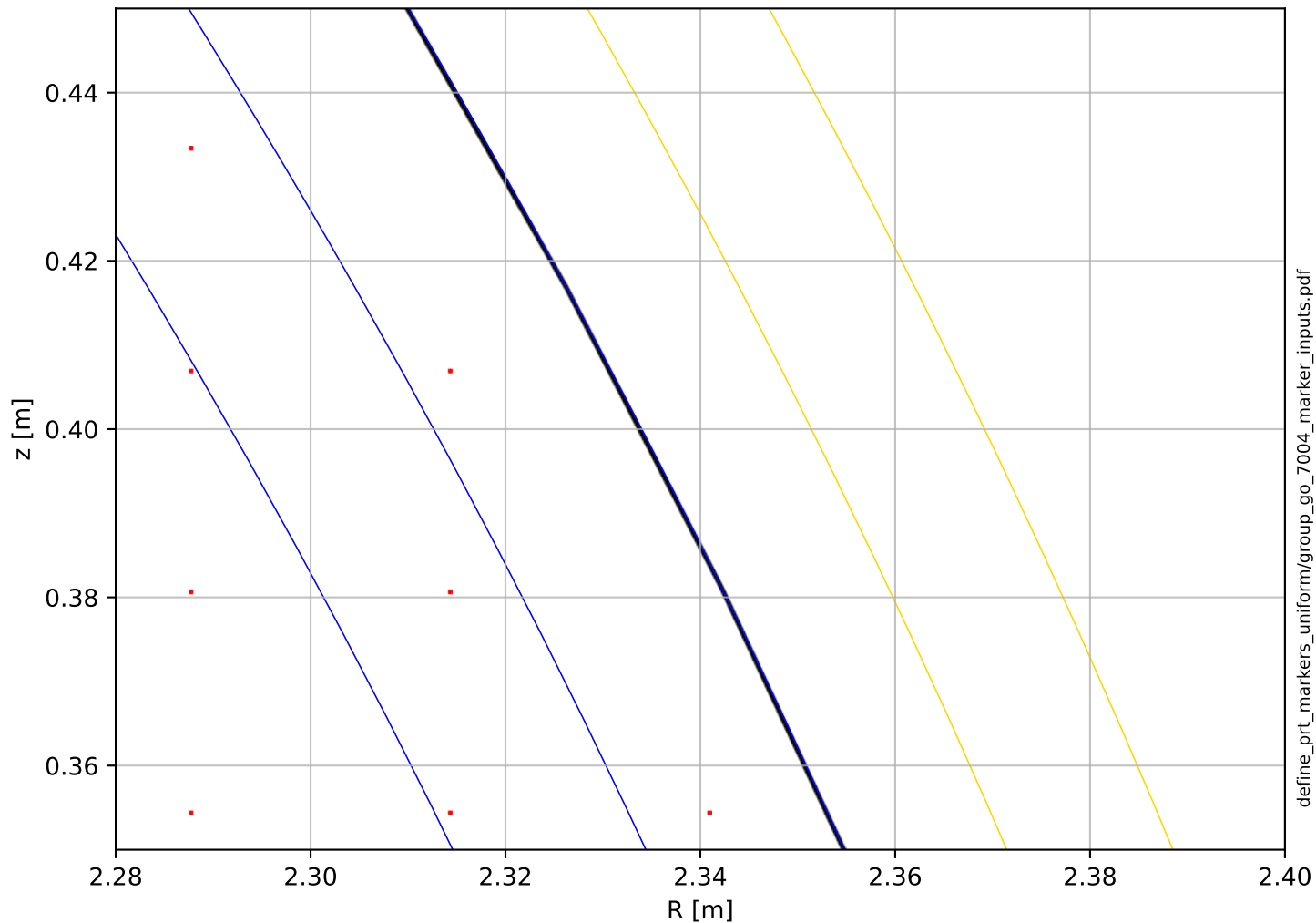


define\_prt\_markers\_uniform/group\_go\_7004\_marker\_inputs.pdf

marker birth locations



marker birth locations





contours of rho-pol

