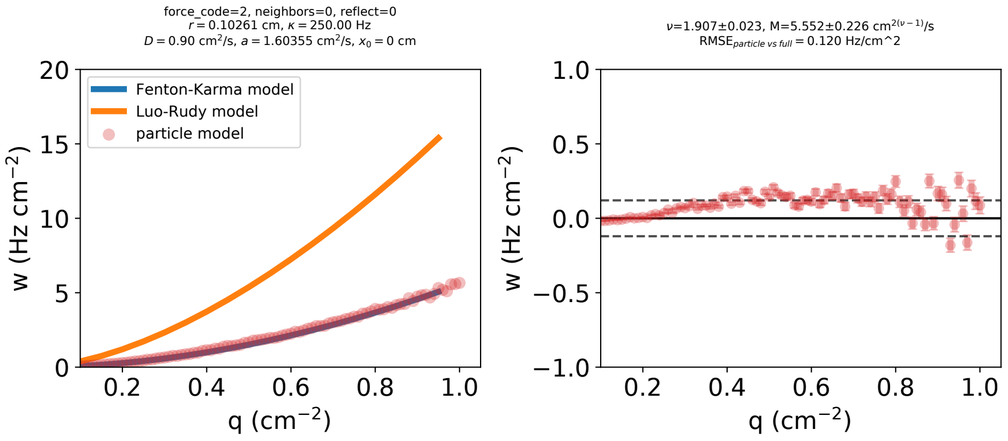
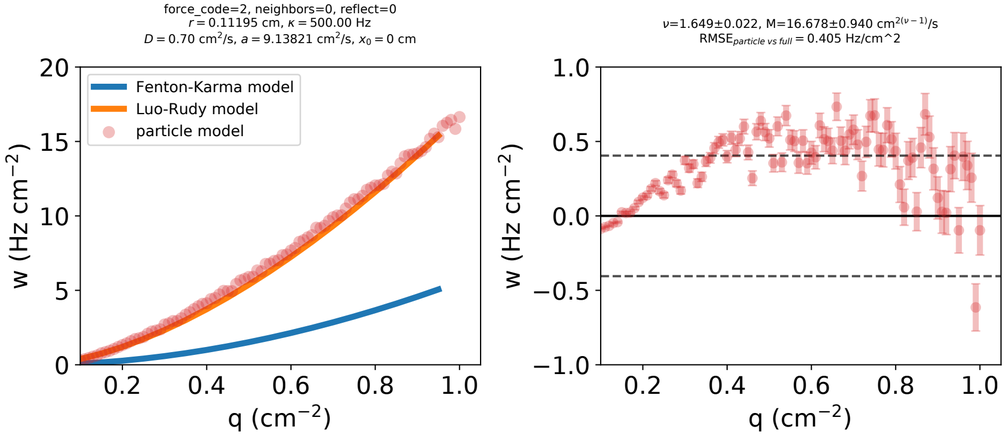
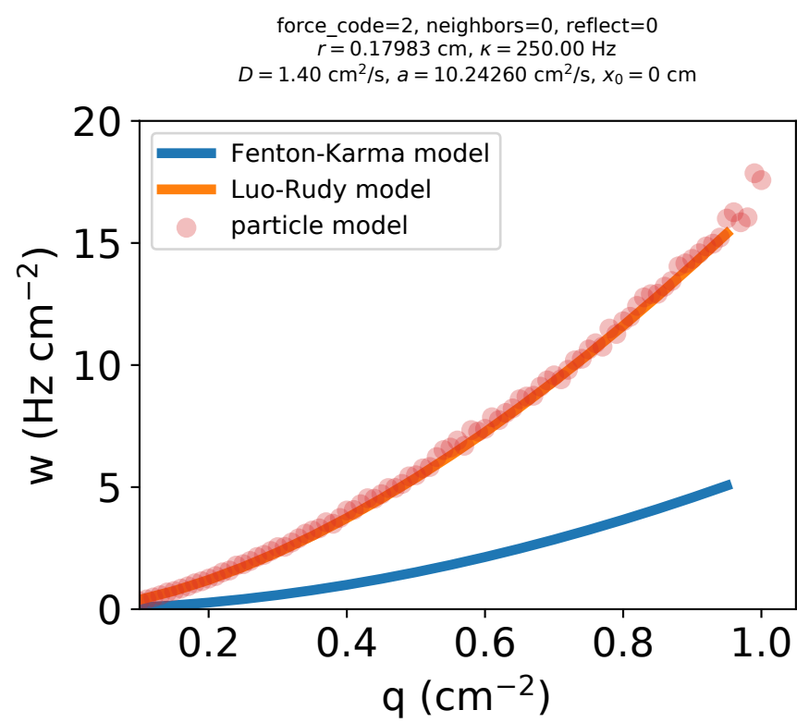
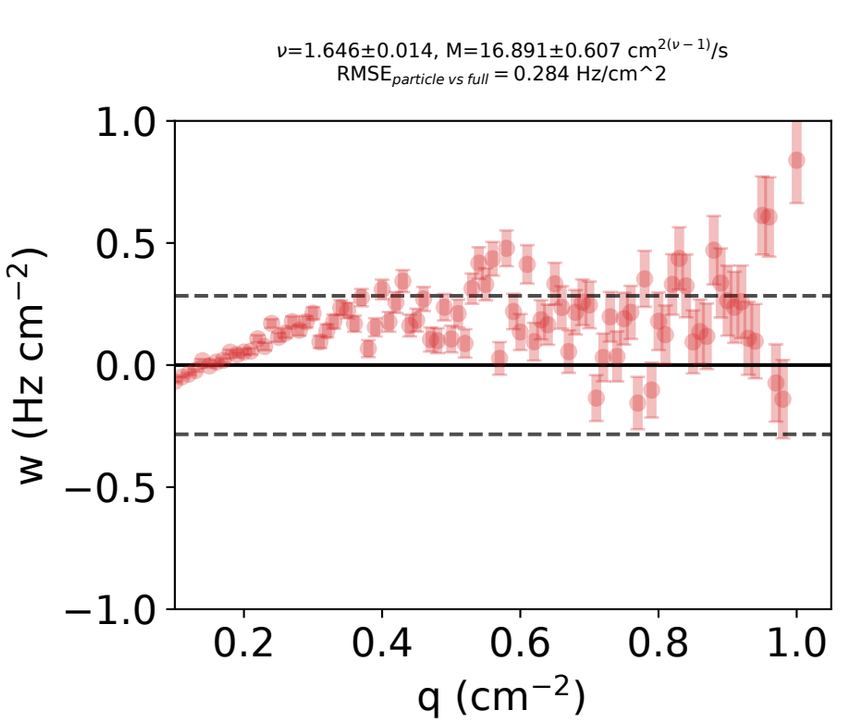
(left column) the mean annihilation rate, w, versus the particle number density, q, for (blue) the Fenton-Karma model, (orange) the Luo-Rudy model, and (red) the particle model. The parameters of the particle models were selected as the critical points found in the (r, a) plane with D and κ fixed.

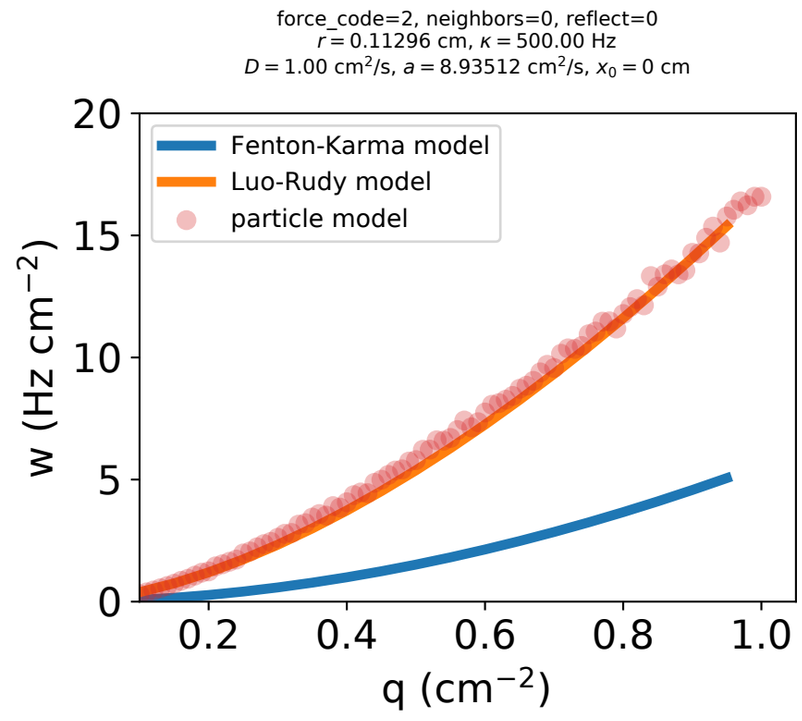
(right column) the disagreement of the mean annihilation rate of the particle model with that of the full model. Error bars represent the 95% confidence intervals for the particle model, supposing there is zero uncertainty from the full model.

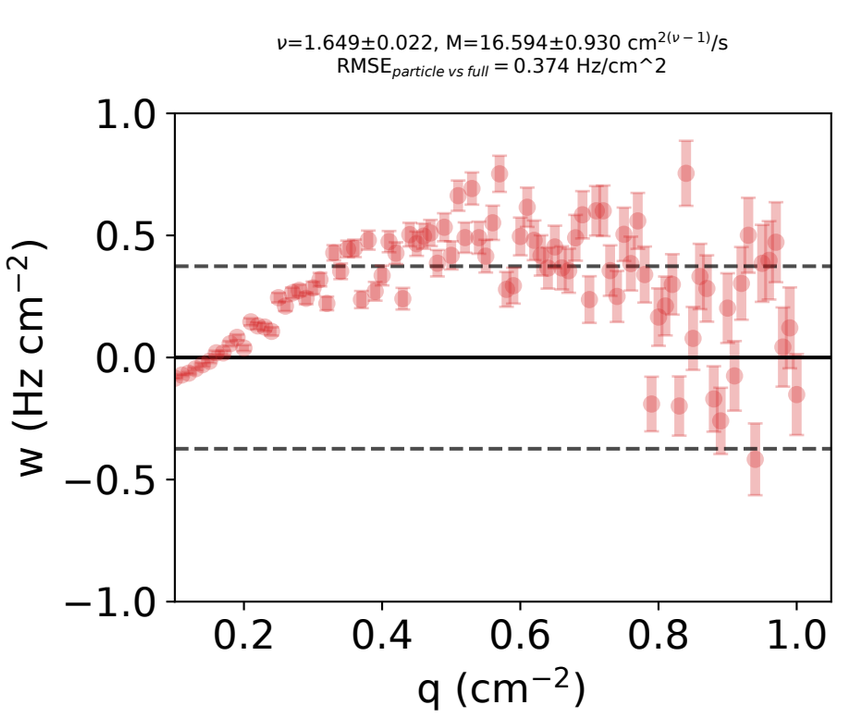


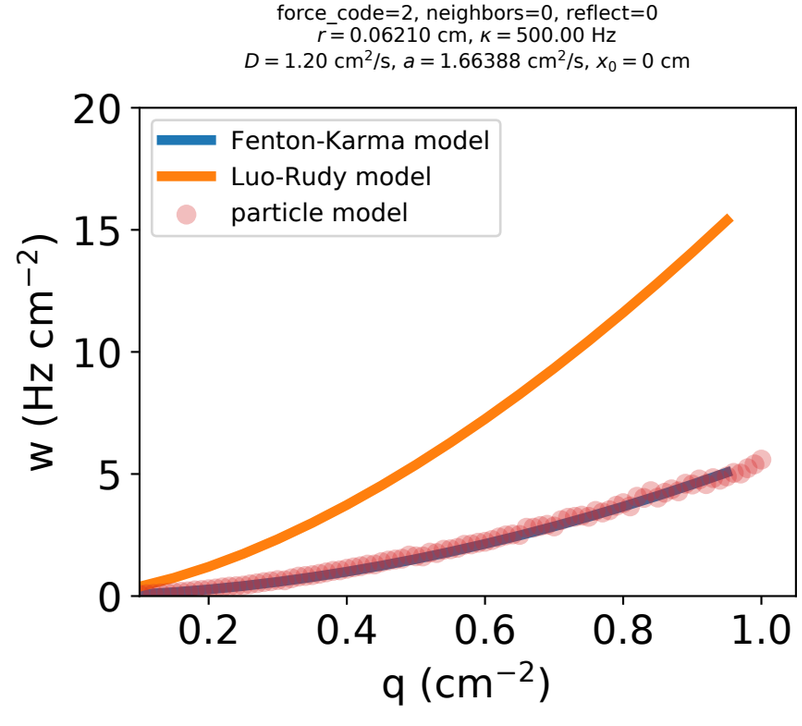


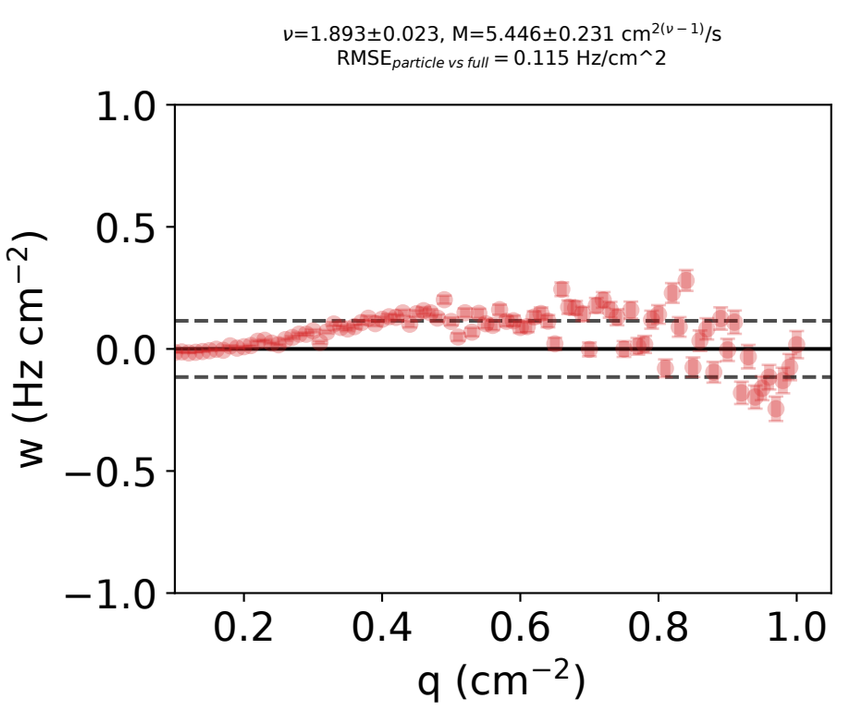

force_code=2, neighbors=0, reflect=0
$r = 0.17983$ cm, $\kappa = 250.00$ Hz
$D = 1.40$ cm^2/s, $a = 10.24260$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

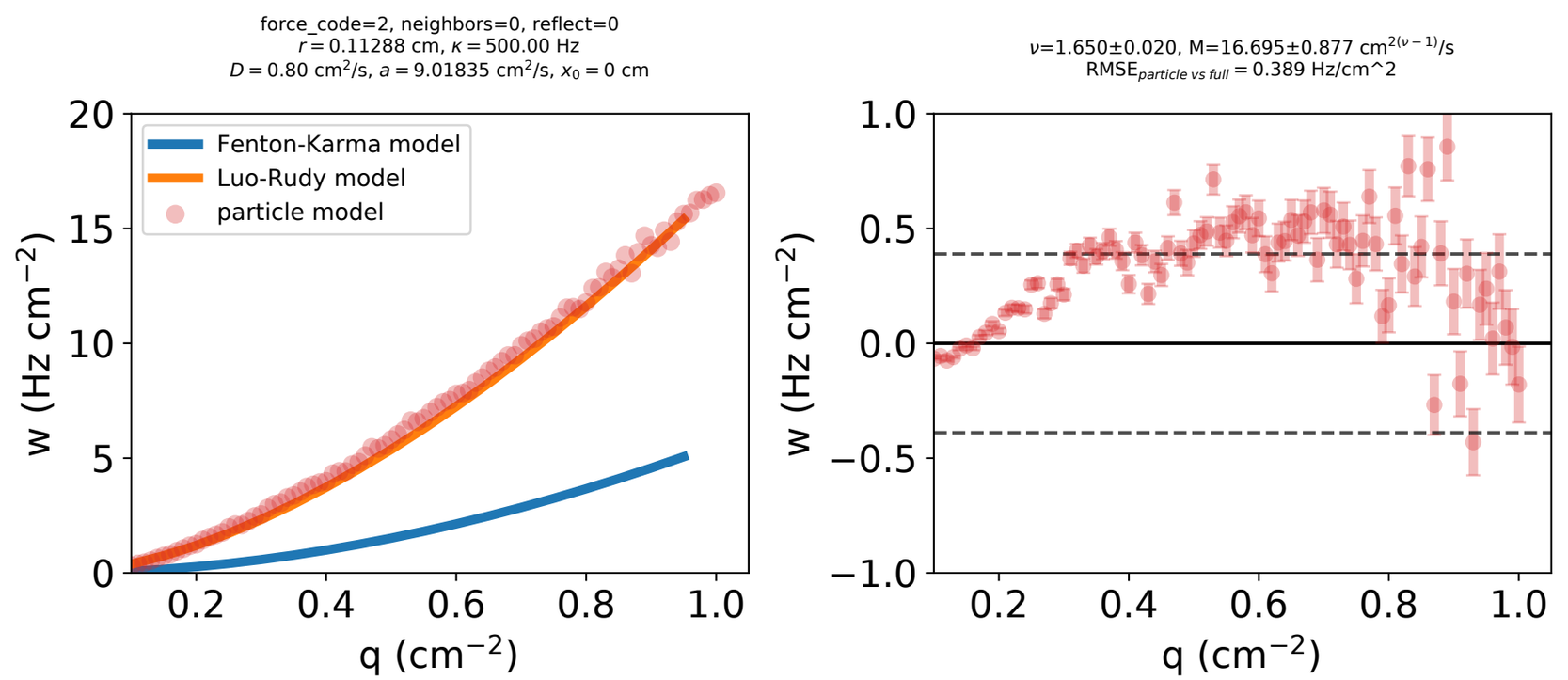

ν=1.646±0.014, M=16.891±0.607 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.284 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

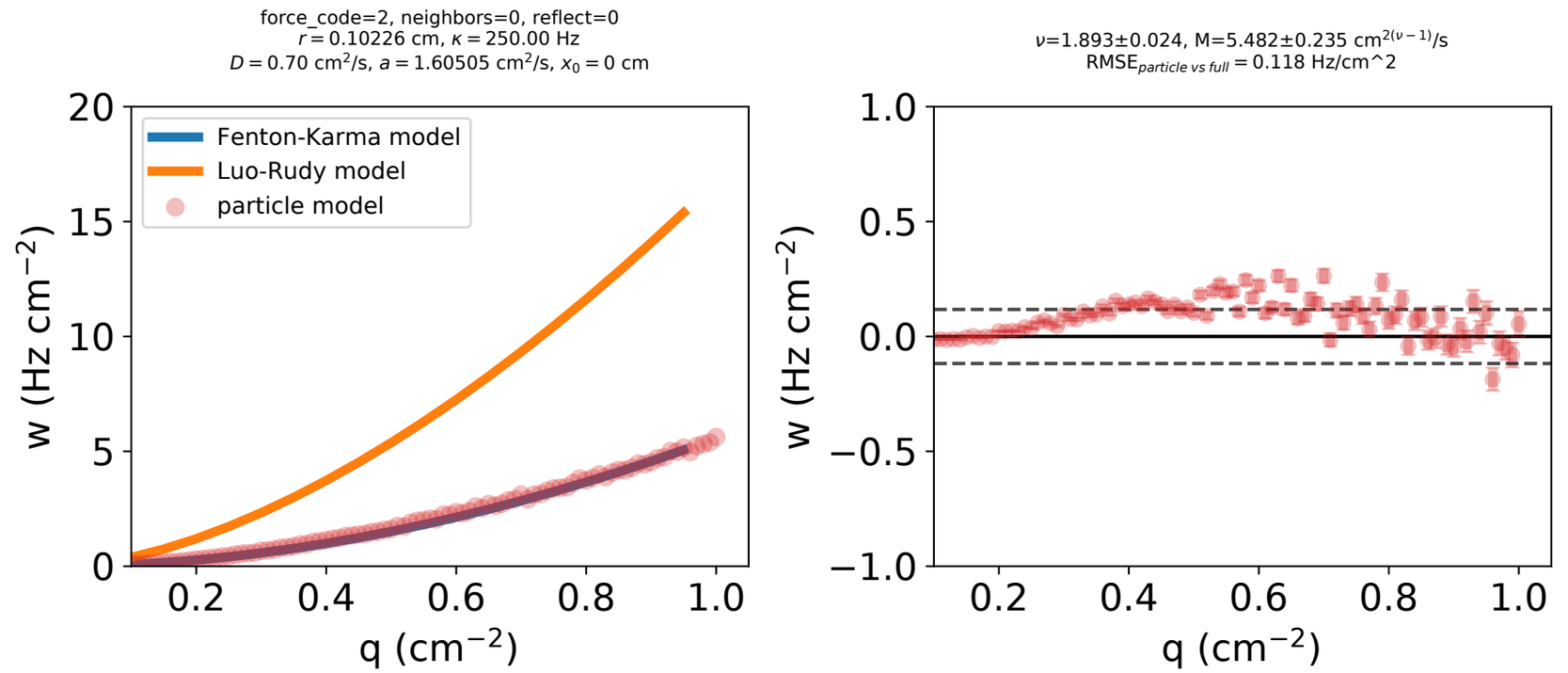

force_code=2, neighbors=0, reflect=0
$r = 0.11296$ cm, $\kappa = 500.00$ Hz
$D = 1.00$ cm^2/s, $a = 8.93512$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

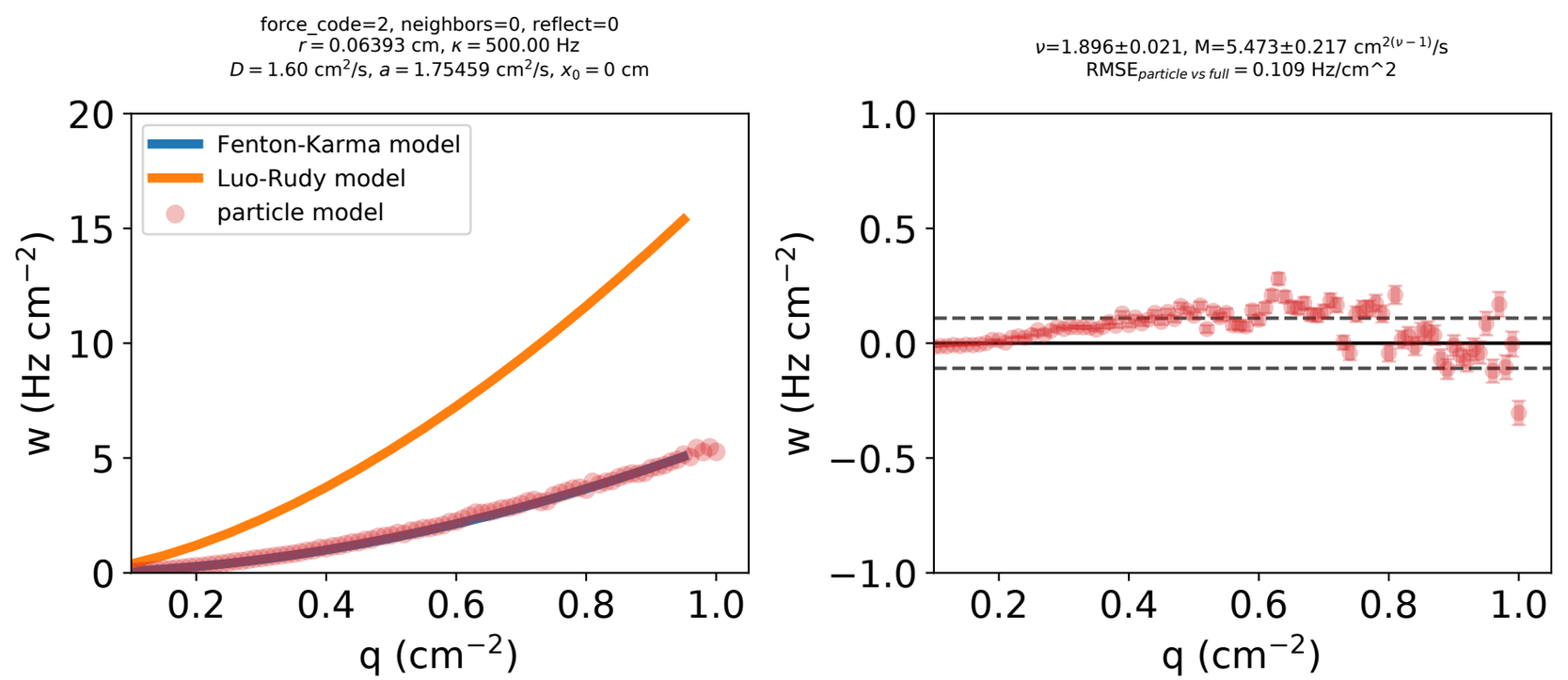

ν=1.649±0.022, M=16.594±0.930 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.374 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

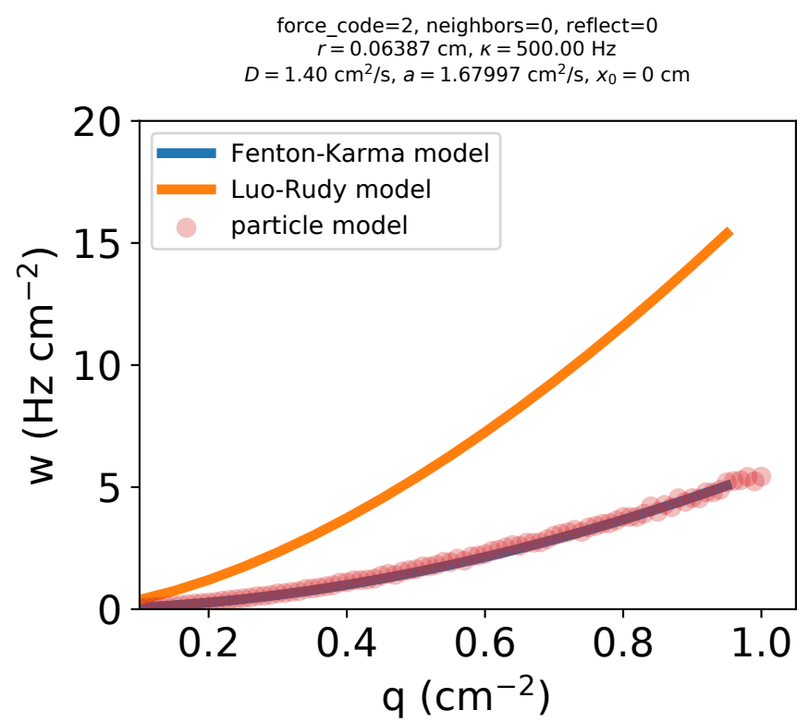

force_code=2, neighbors=0, reflect=0
$r = 0.06210$ cm, $\kappa = 500.00$ Hz
$D = 1.20$ cm^2/s, $a = 1.66388$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

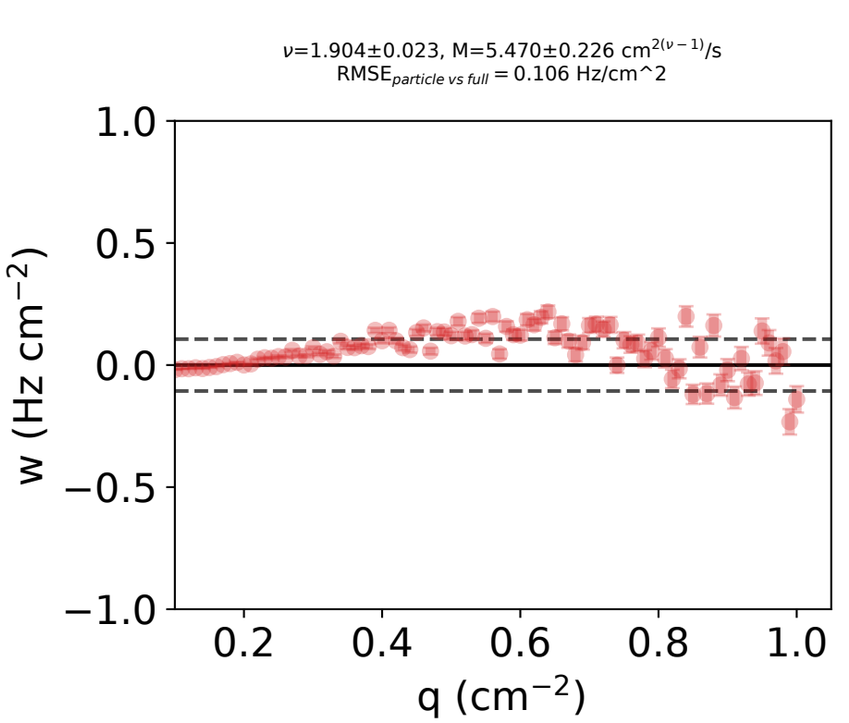

ν=1.893±0.023, M=5.446±0.231 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.115 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

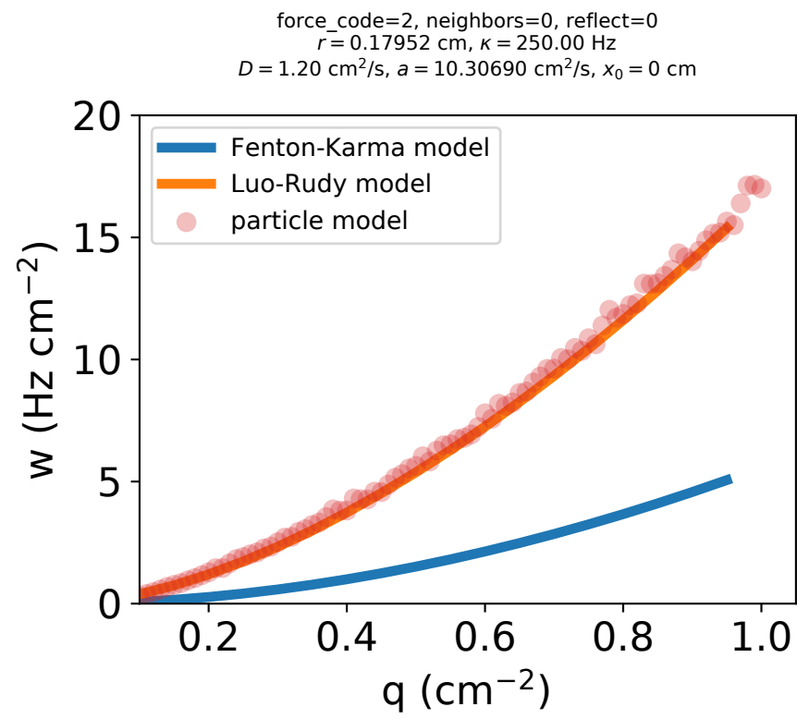

force_code=2, neighbors=0, reflect=0
$r = 0.11288$ cm, $\kappa = 500.00$ Hz
$D = 0.80$ cm^2/s, $a = 9.01835$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})
ν=1.650±0.020, M=16.695±0.877 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.389 Hz/cm^2

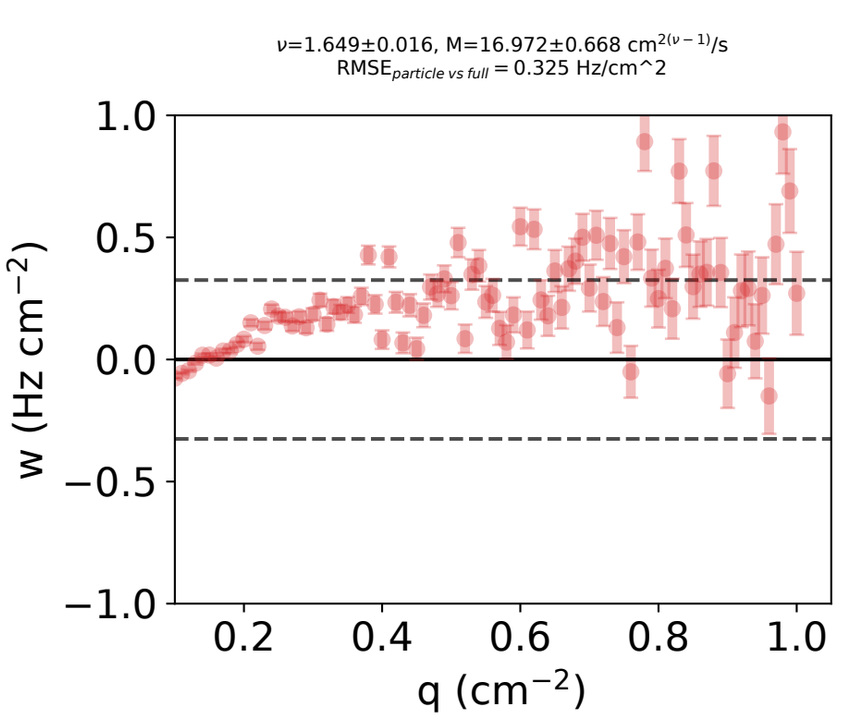

force_code=2, neighbors=0, reflect=0
$r = 0.10226$ cm, $\kappa = 250.00$ Hz
$D = 0.70$ cm^2/s, $a = 1.60505$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})
ν=1.893±0.024, M=5.482±0.235 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.118 Hz/cm^2

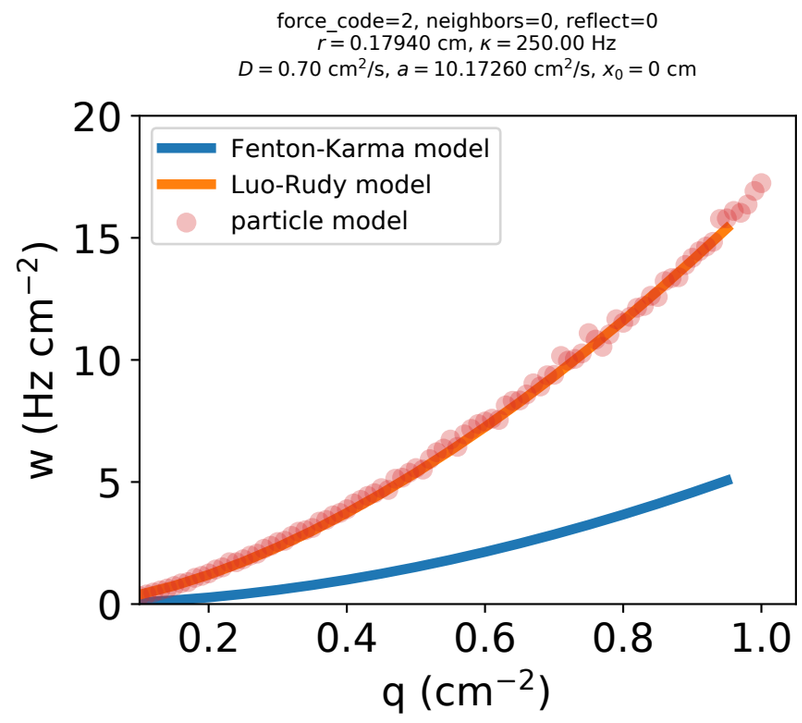

force_code=2, neighbors=0, reflect=0
$r = 0.06393$ cm, $\kappa = 500.00$ Hz
$D = 1.60$ cm^2/s, $a = 1.75459$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})
ν=1.896±0.021, M=5.473±0.217 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.109 Hz/cm^2

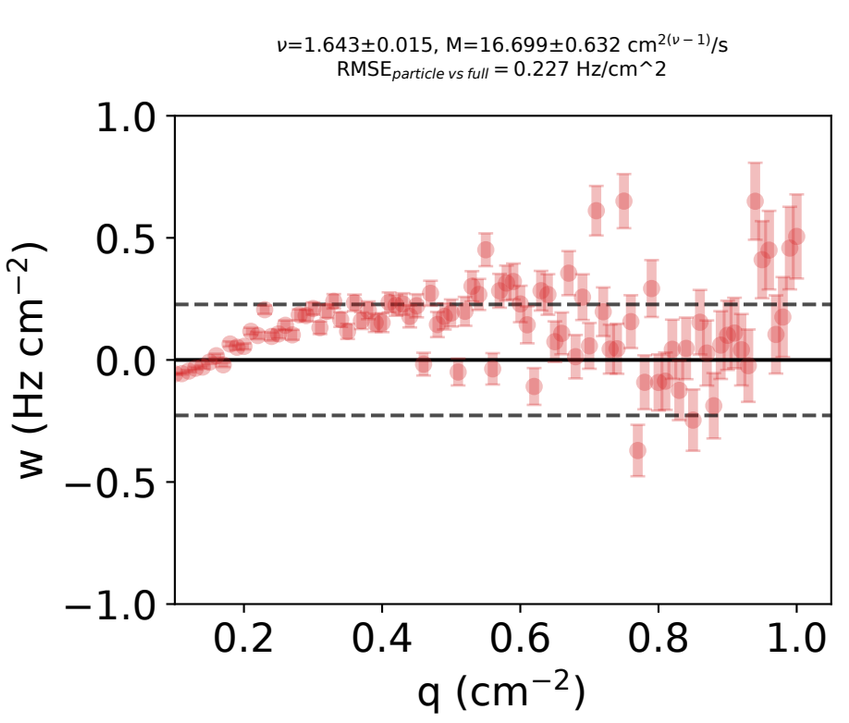

force_code=2, neighbors=0, reflect=0
$r = 0.06387$ cm, $\kappa = 500.00$ Hz
$D = 1.40$ cm^2/s, $a = 1.67997$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

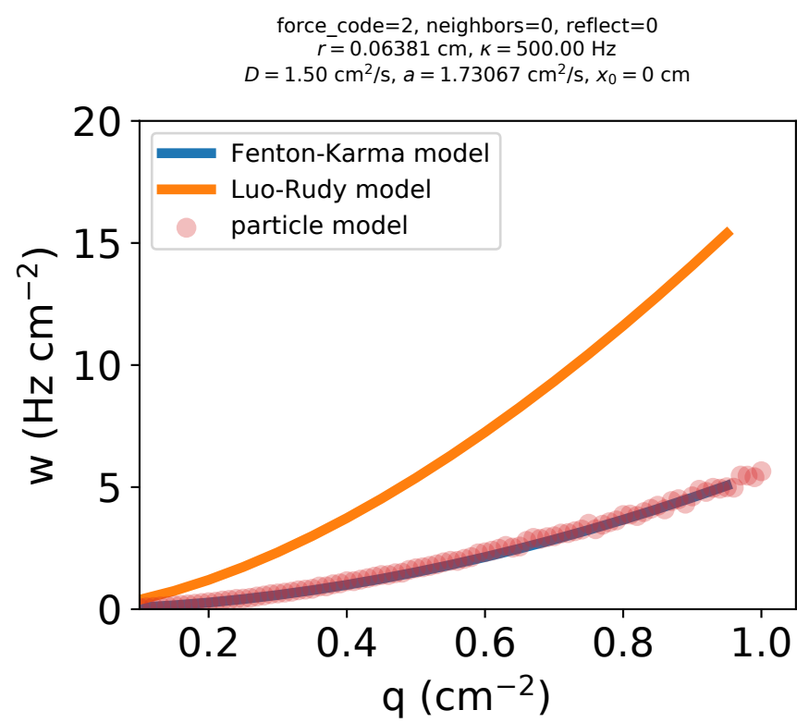

ν=1.904±0.023, M=5.470±0.226 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.106 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

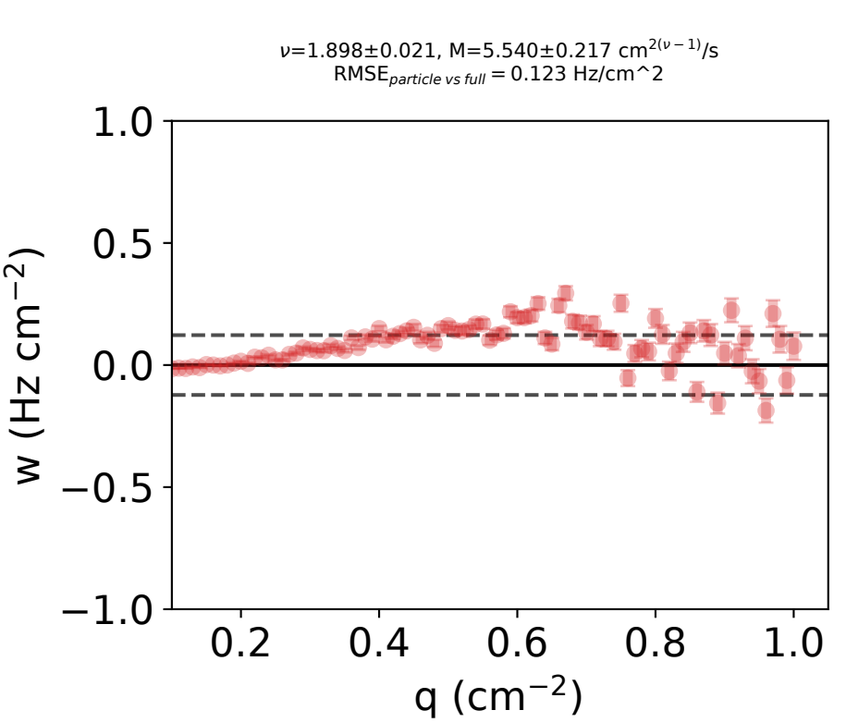

force_code=2, neighbors=0, reflect=0
$r = 0.17952$ cm, $\kappa = 250.00$ Hz
$D = 1.20$ cm^2/s, $a = 10.30690$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

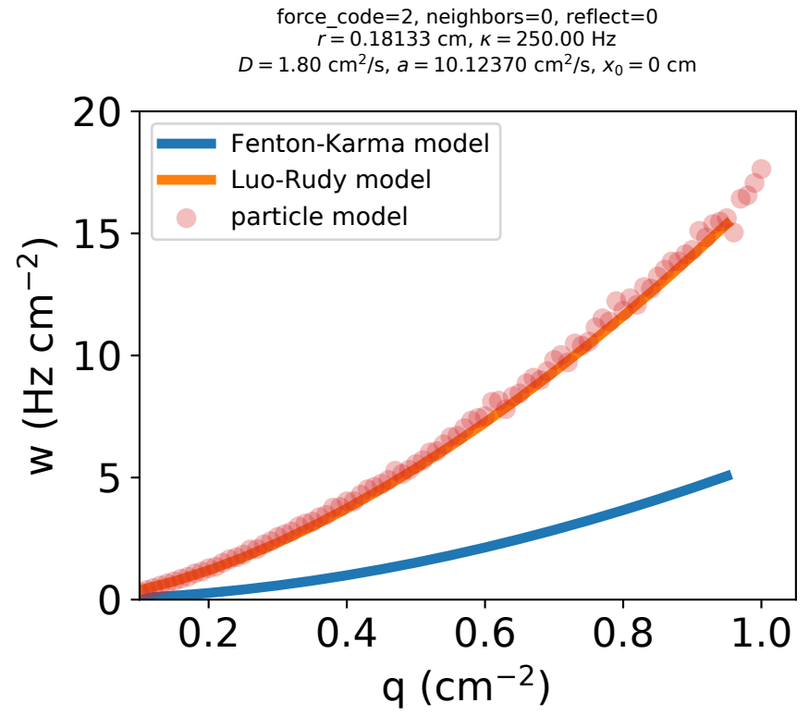

ν=1.649±0.016, M=16.972±0.668 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.325 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

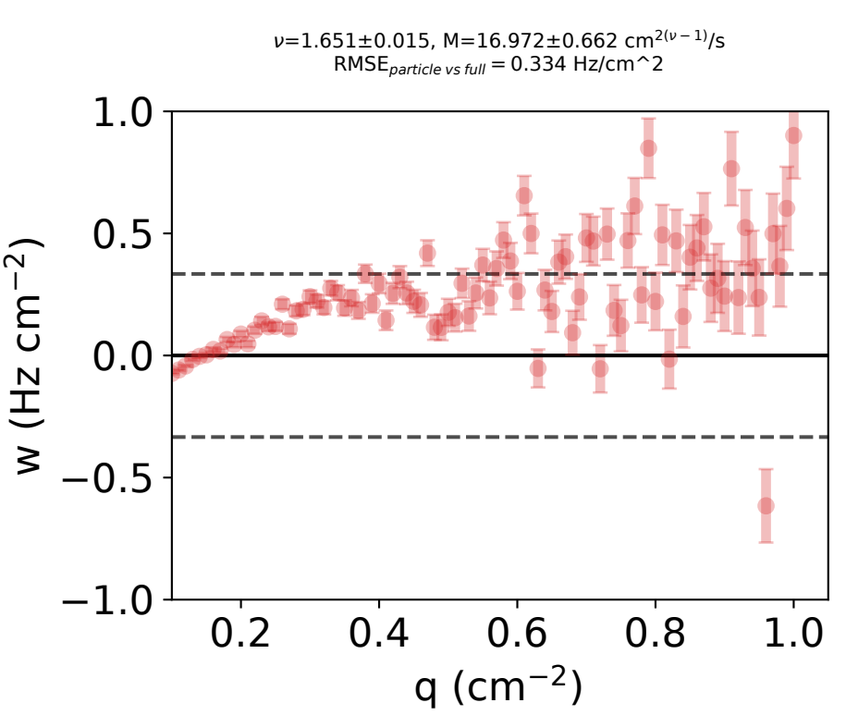

force_code=2, neighbors=0, reflect=0
$r = 0.17940$ cm, $\kappa = 250.00$ Hz
$D = 0.70$ cm^2/s, $a = 10.17260$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

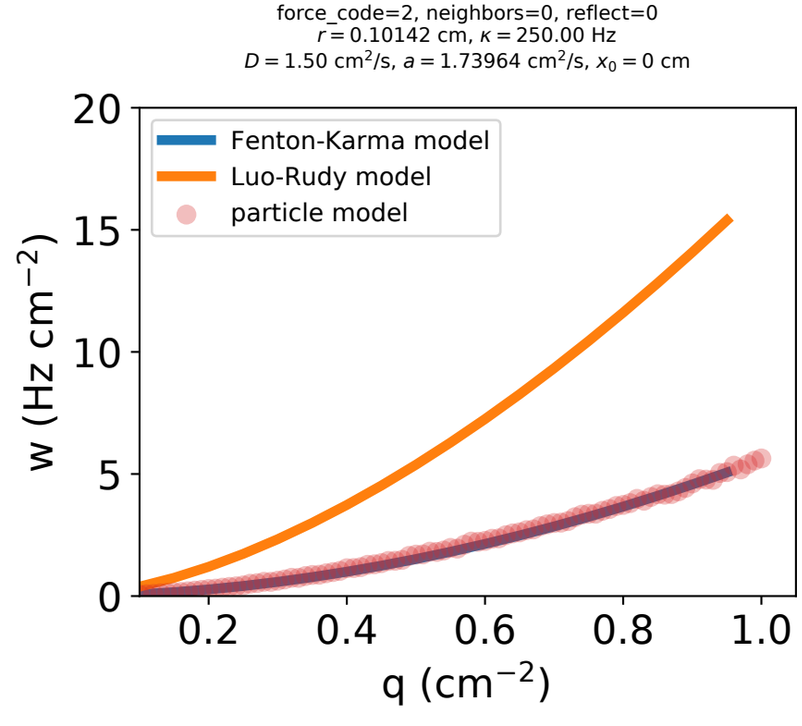

ν=1.643±0.015, M=16.699±0.632 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.227 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

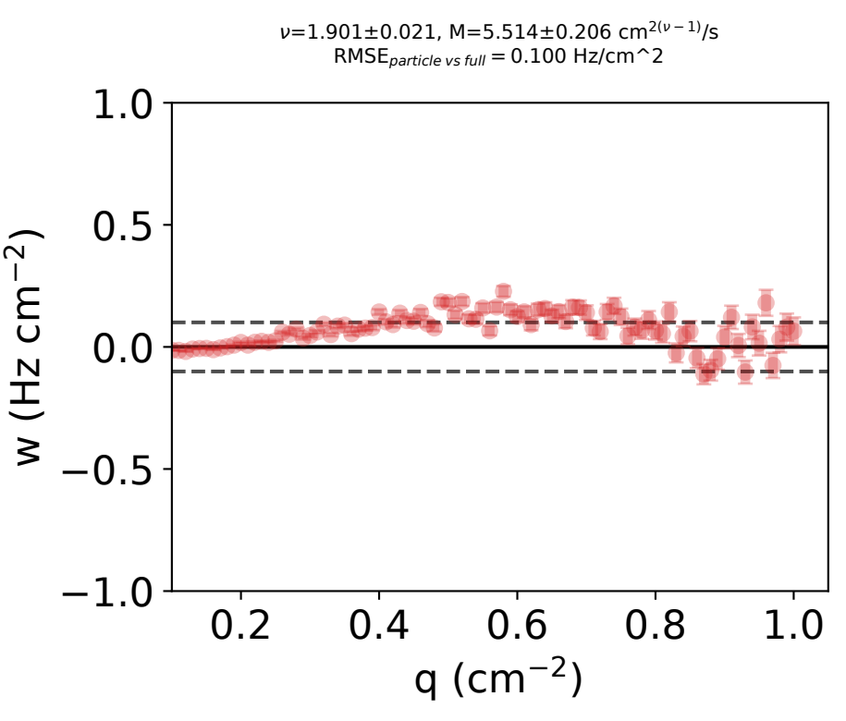

force_code=2, neighbors=0, reflect=0
$r = 0.06381$ cm, $\kappa = 500.00$ Hz
$D = 1.50$ cm^2/s, $a = 1.73067$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

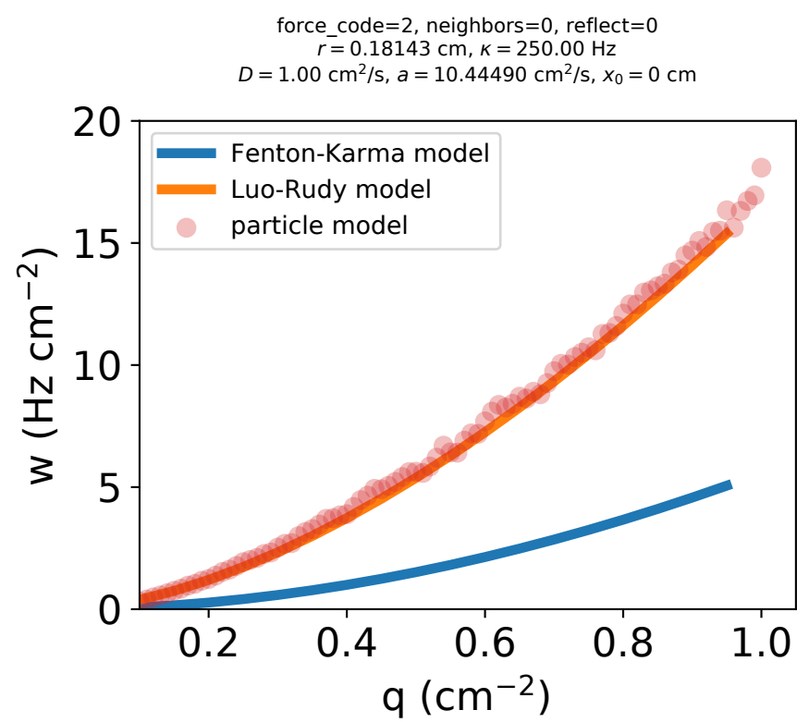

ν=1.898±0.021, M=5.540±0.217 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.123 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

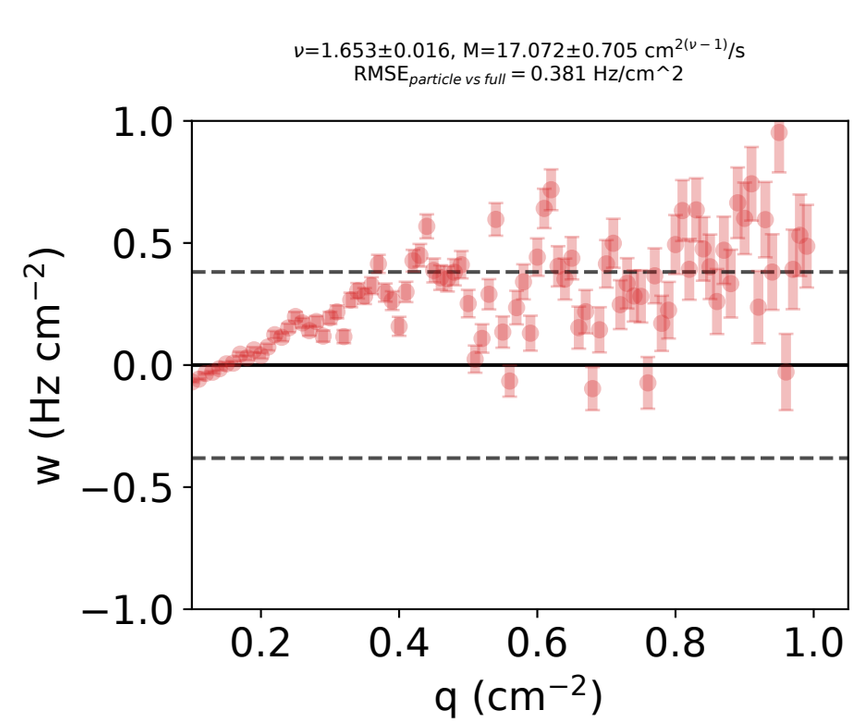

force_code=2, neighbors=0, reflect=0
$r = 0.18133$ cm, $\kappa = 250.00$ Hz
$D = 1.80$ cm^2/s, $a = 10.12370$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

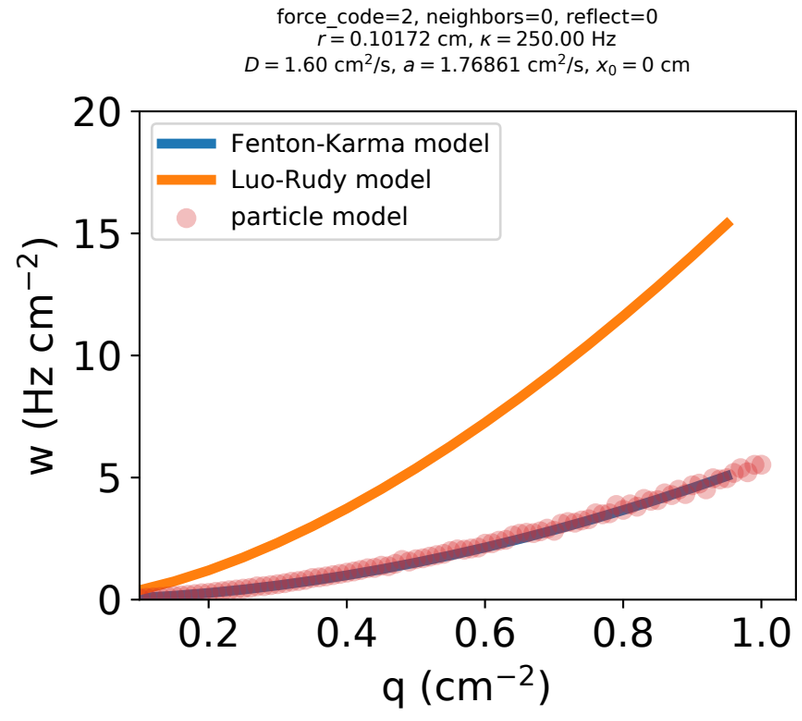

ν=1.651±0.015, M=16.972±0.662 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.334 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

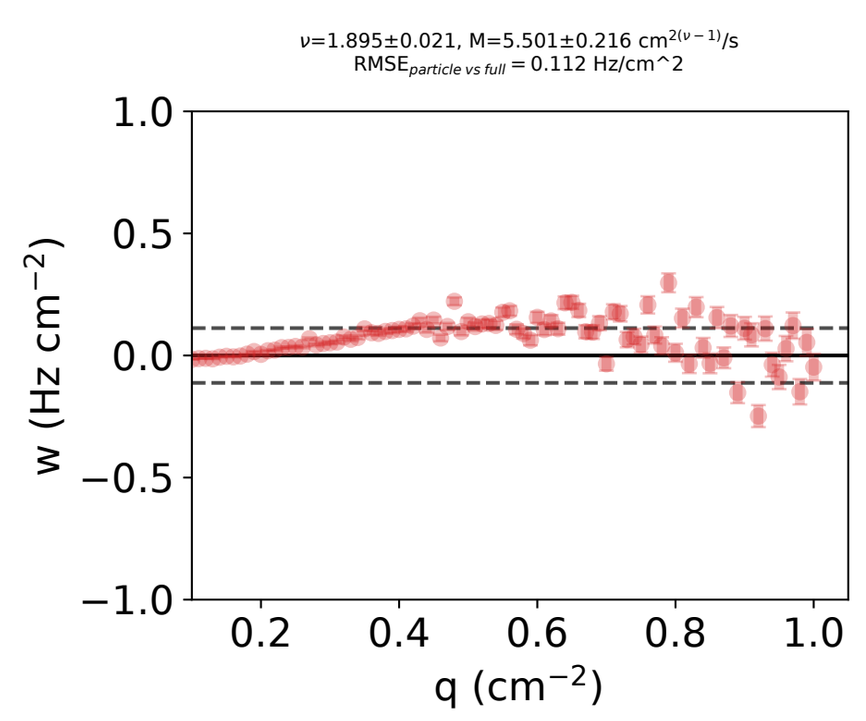

force_code=2, neighbors=0, reflect=0
$r = 0.10142$ cm, $\kappa = 250.00$ Hz
$D = 1.50$ cm^2/s, $a = 1.73964$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

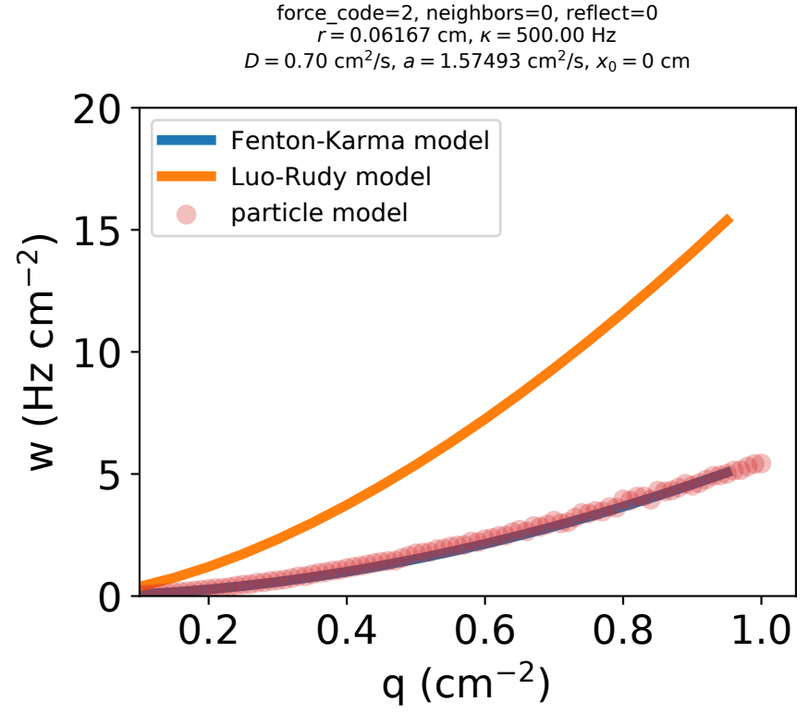

ν=1.901±0.021, M=5.514±0.206 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.100 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

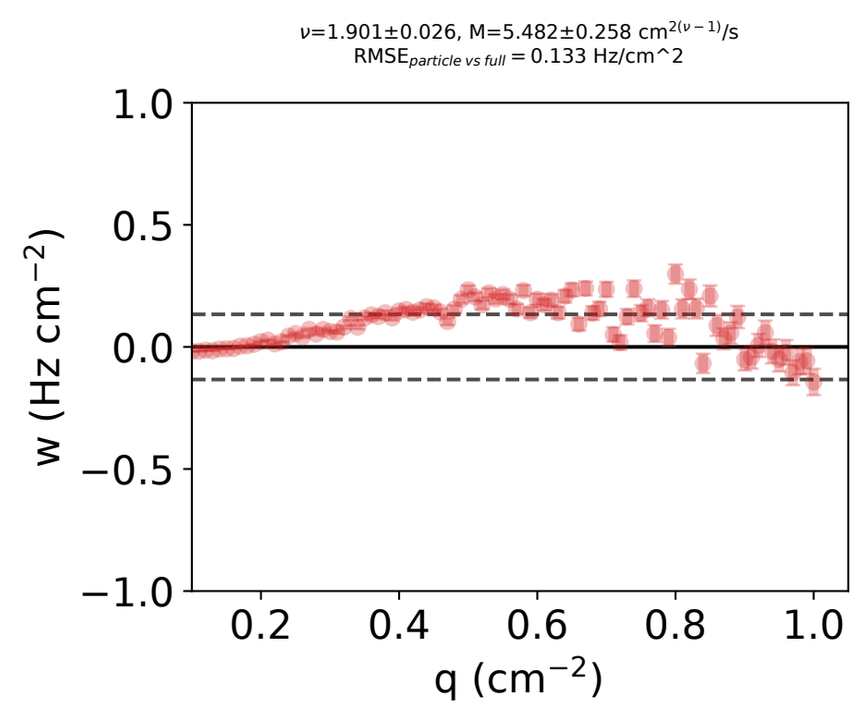

force_code=2, neighbors=0, reflect=0
$r = 0.18143$ cm, $\kappa = 250.00$ Hz
$D = 1.00$ cm^2/s, $a = 10.44490$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

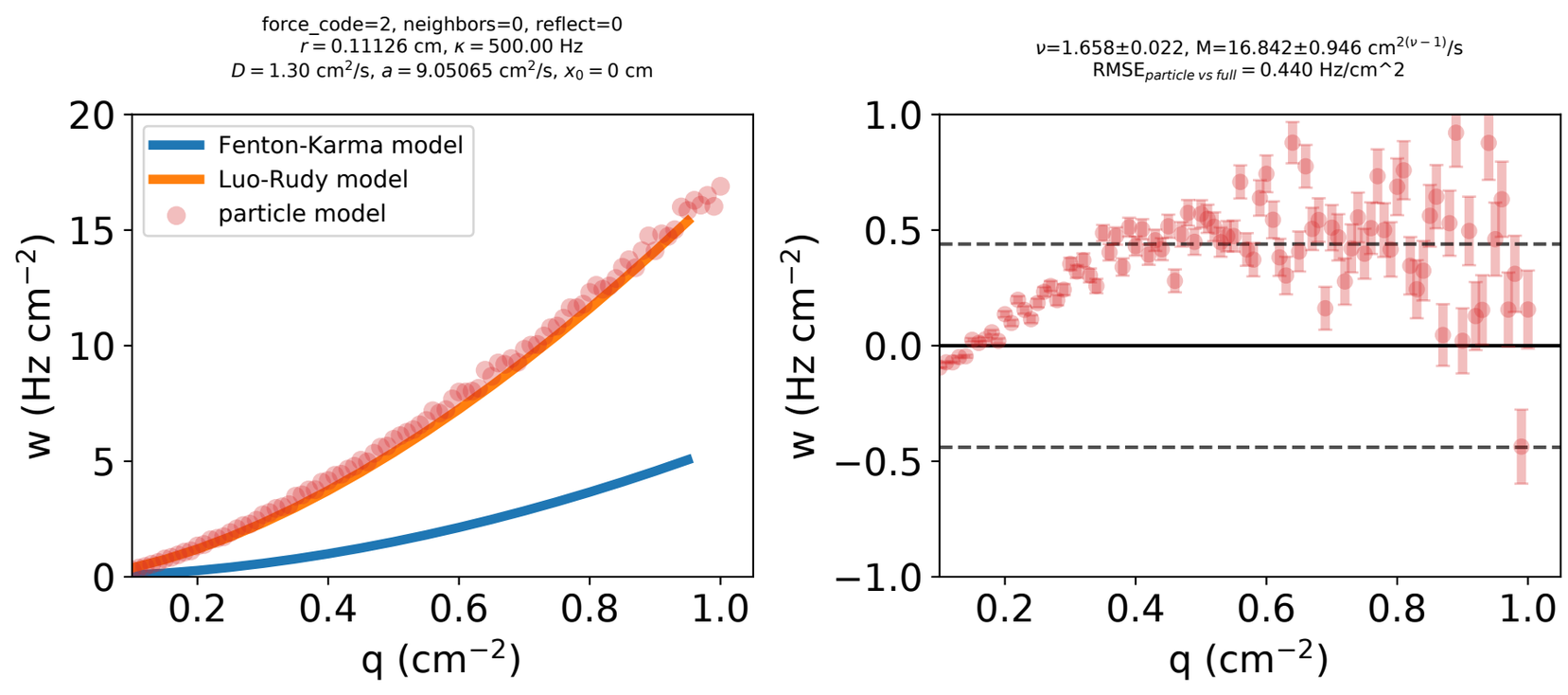

ν=1.653±0.016, M=17.072±0.705 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.381 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

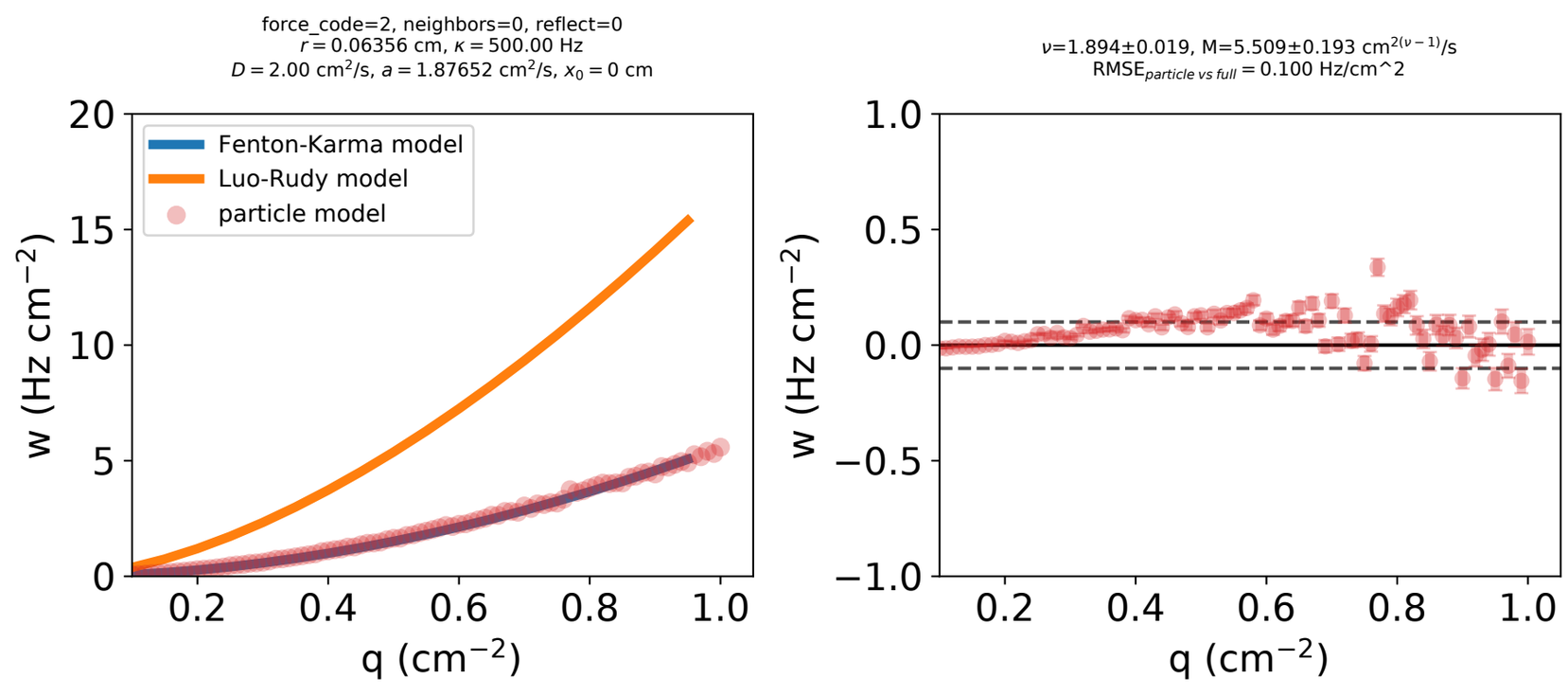

force_code=2, neighbors=0, reflect=0
$r = 0.10172$ cm, $\kappa = 250.00$ Hz
$D = 1.60$ cm^2/s, $a = 1.76861$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

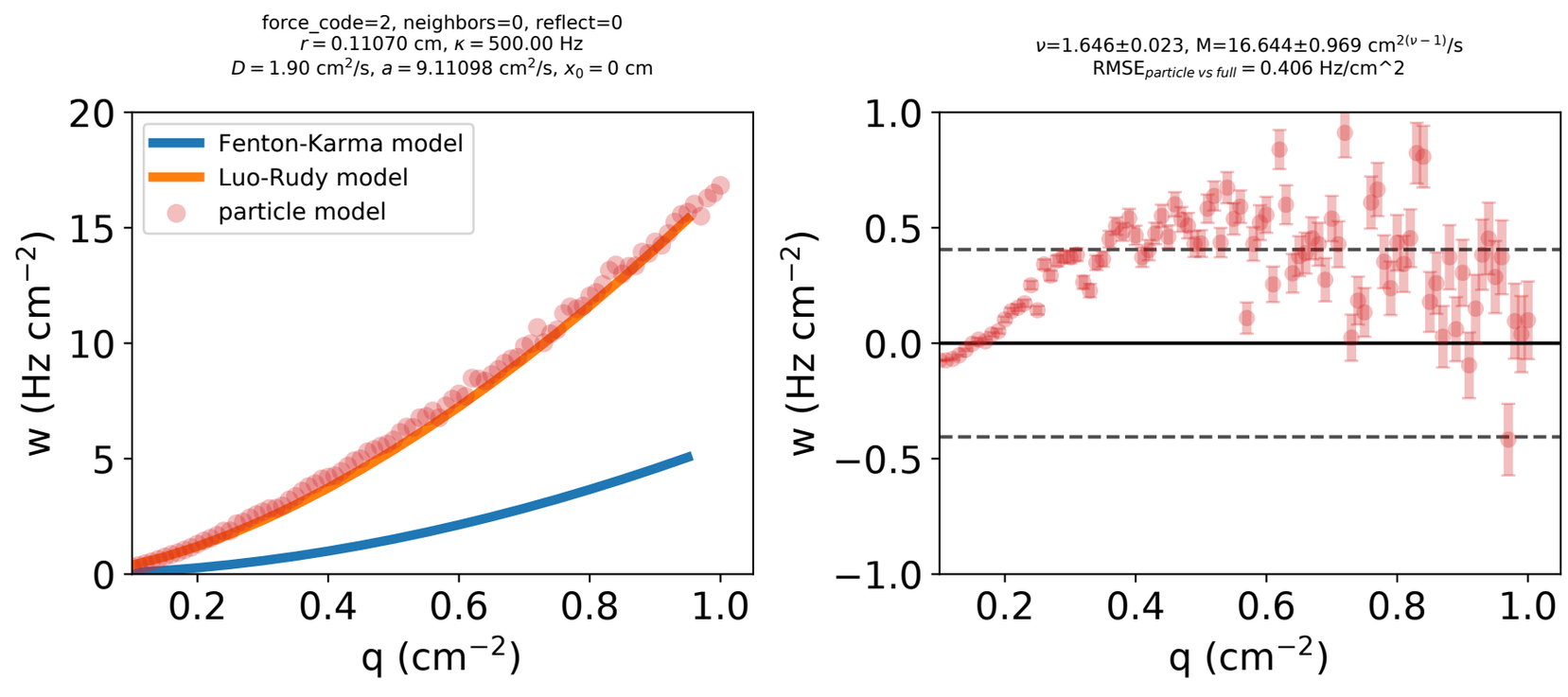

ν=1.895±0.021, M=5.501±0.216 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.112 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

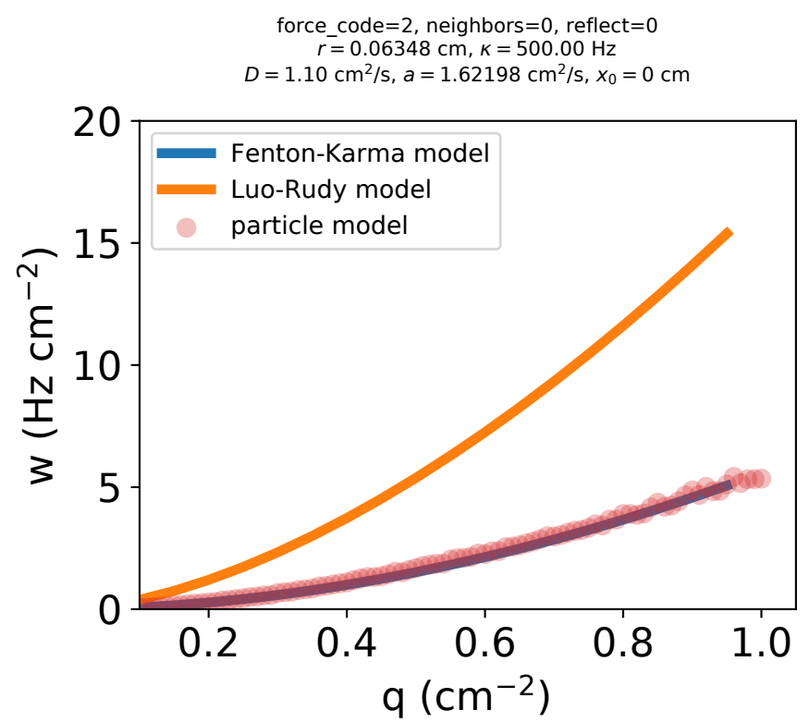

force_code=2, neighbors=0, reflect=0
$r = 0.06167$ cm, $\kappa = 500.00$ Hz
$D = 0.70$ cm^2/s, $a = 1.57493$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

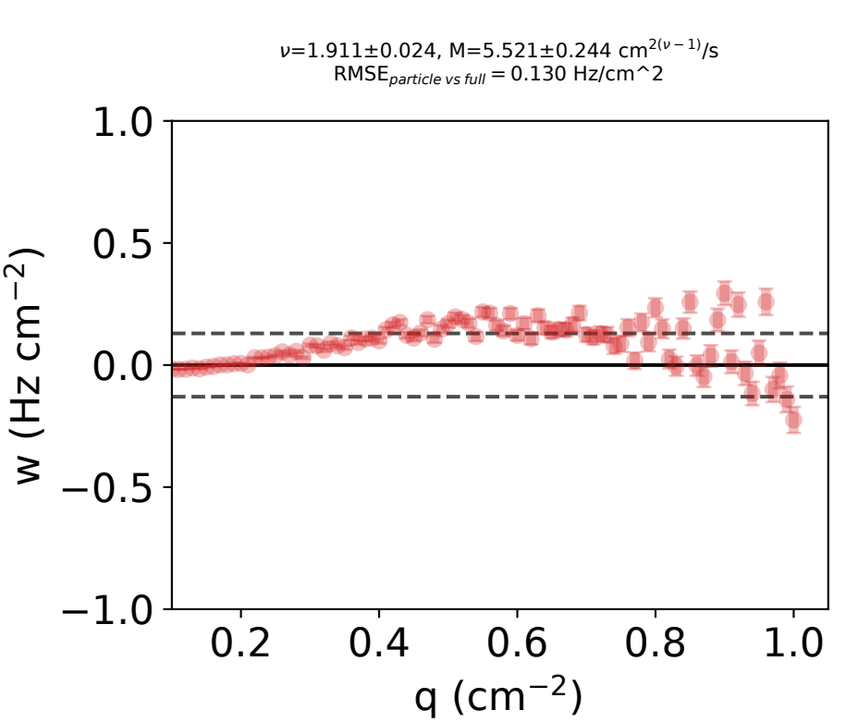

ν=1.901±0.026, M=5.482±0.258 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.133 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

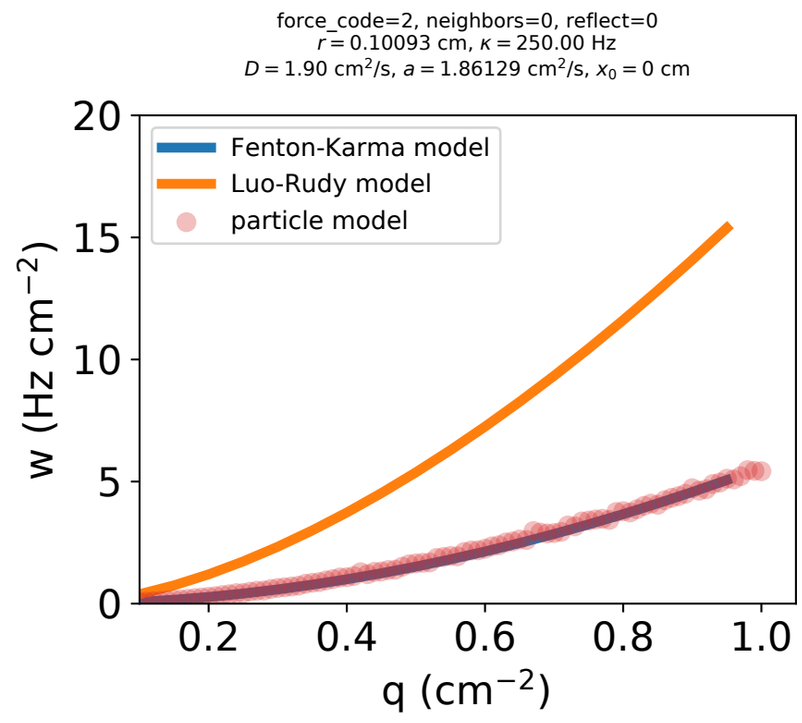

force_code=2, neighbors=0, reflect=0
$r = 0.11126$ cm, $\kappa = 500.00$ Hz
$D = 1.30$ cm^2/s, $a = 9.05065$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})
ν=1.658±0.022, M=16.842±0.946 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.440 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

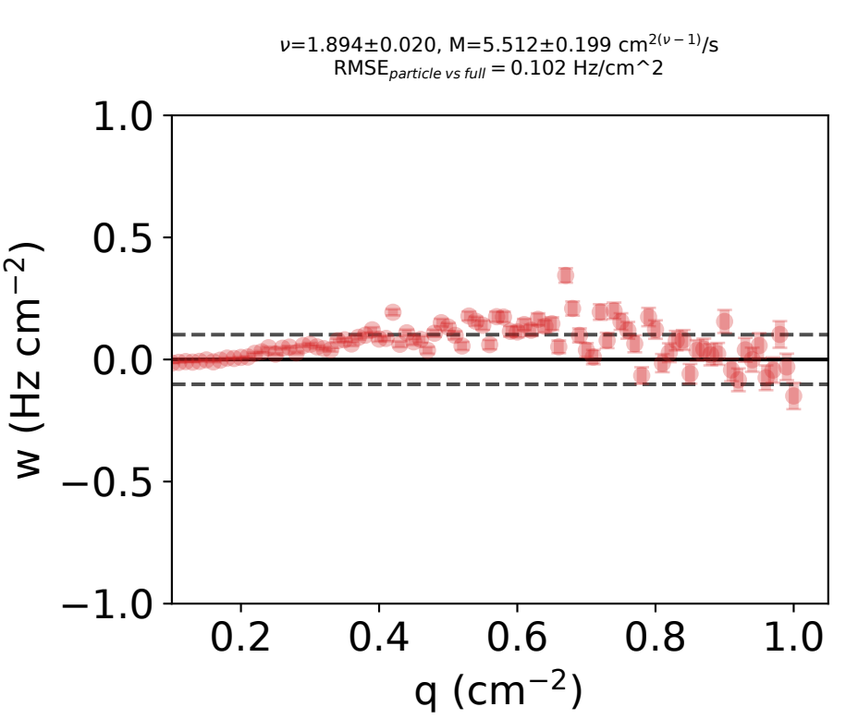

force_code=2, neighbors=0, reflect=0
$r = 0.06356$ cm, $\kappa = 500.00$ Hz
$D = 2.00$ cm^2/s, $a = 1.87652$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})
ν=1.894±0.019, M=5.509±0.193 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.100 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

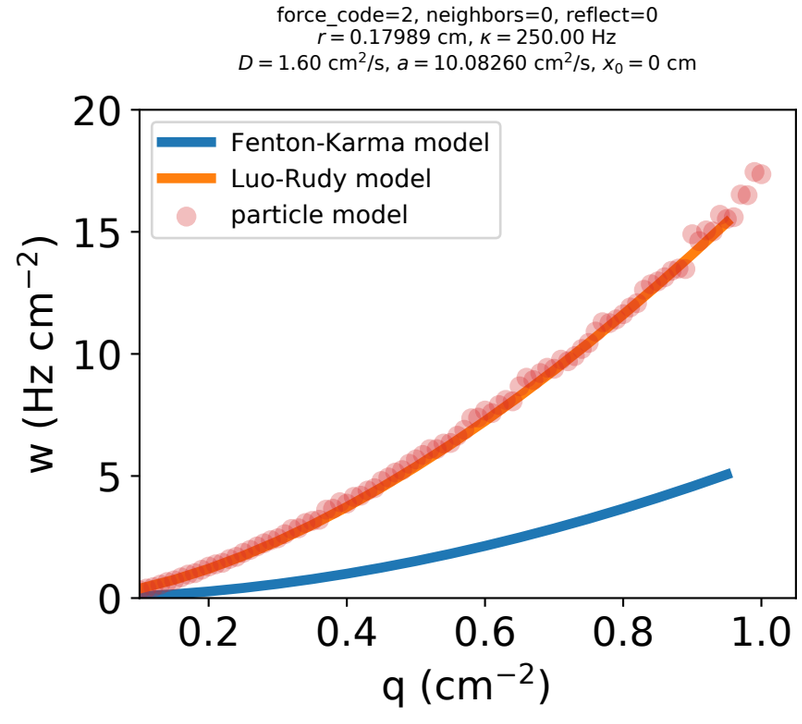

force_code=2, neighbors=0, reflect=0
$r = 0.11070$ cm, $\kappa = 500.00$ Hz
$D = 1.90$ cm^2/s, $a = 9.11098$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})
ν=1.646±0.023, M=16.644±0.969 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.406 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

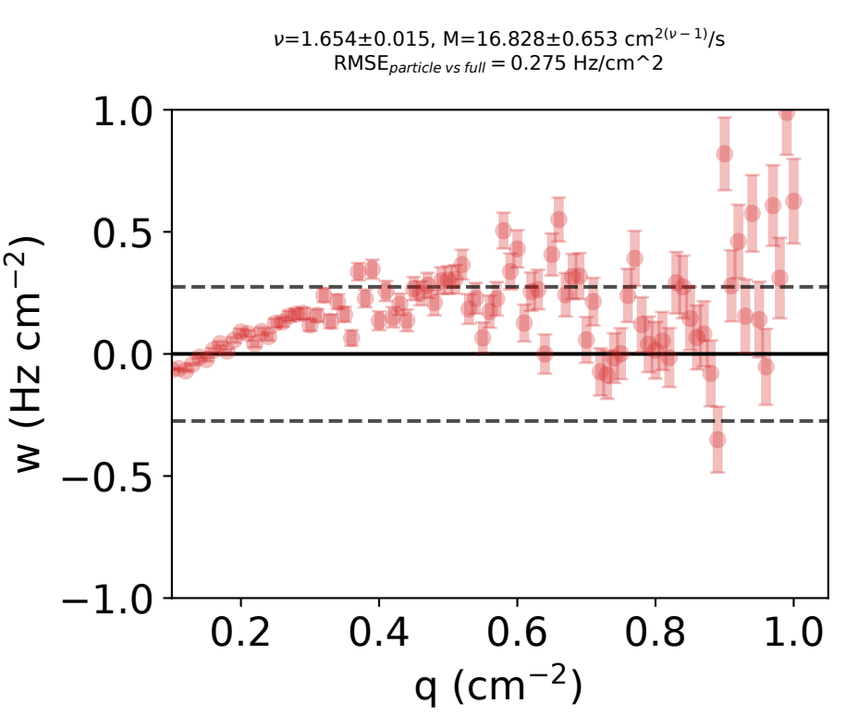

force_code=2, neighbors=0, reflect=0
$r = 0.06348$ cm, $\kappa = 500.00$ Hz
$D = 1.10$ cm^2/s, $a = 1.62198$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

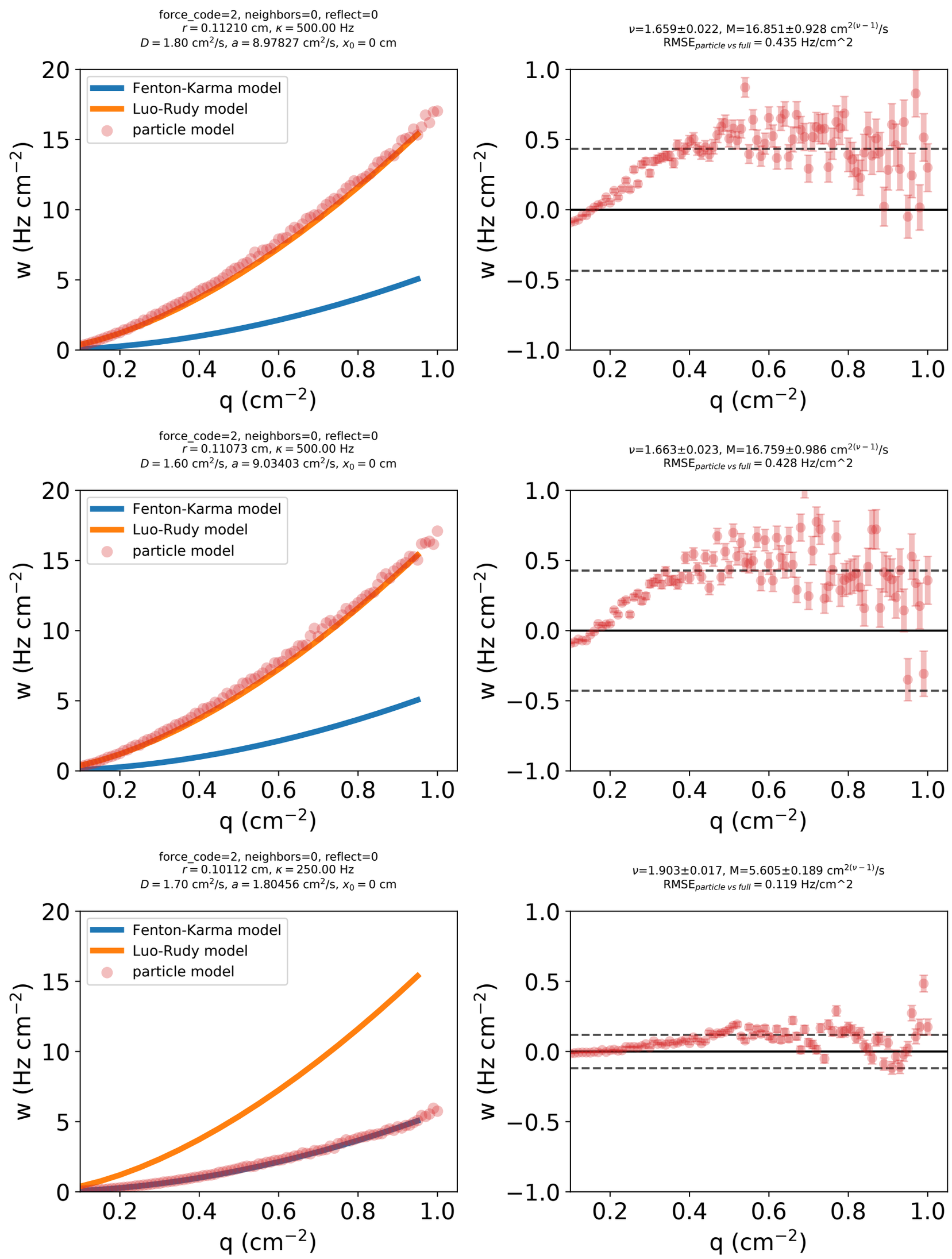

ν=1.911±0.024, M=5.521±0.244 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.130 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

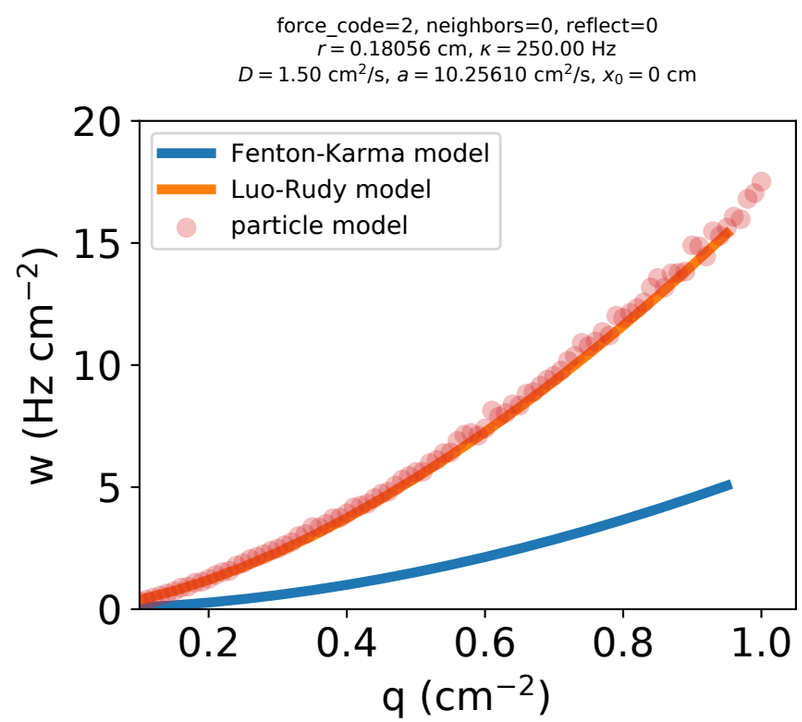

force_code=2, neighbors=0, reflect=0
$r = 0.10093$ cm, $\kappa = 250.00$ Hz
$D = 1.90$ cm^2/s, $a = 1.86129$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

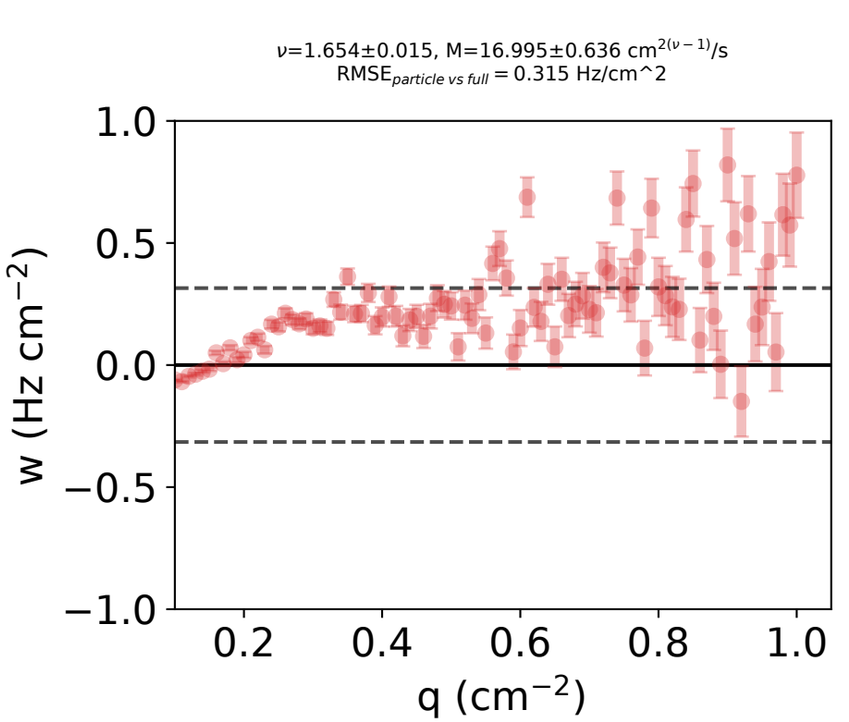

ν=1.894±0.020, M=5.512±0.199 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.102 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

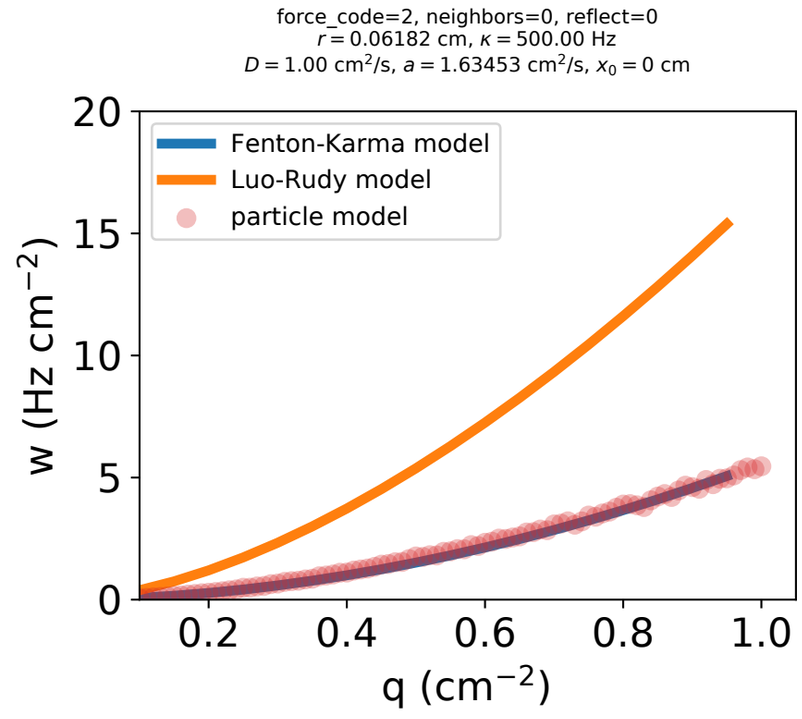

force_code=2, neighbors=0, reflect=0
$r = 0.17989$ cm, $\kappa = 250.00$ Hz
$D = 1.60$ cm^2/s, $a = 10.08260$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

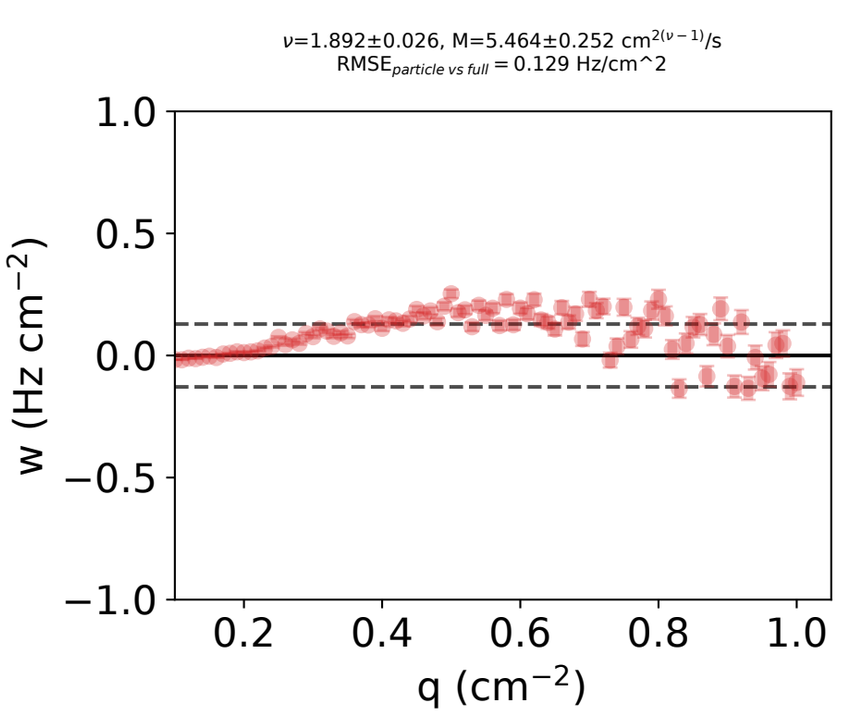

ν=1.654±0.015, M=16.828±0.653 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.275 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

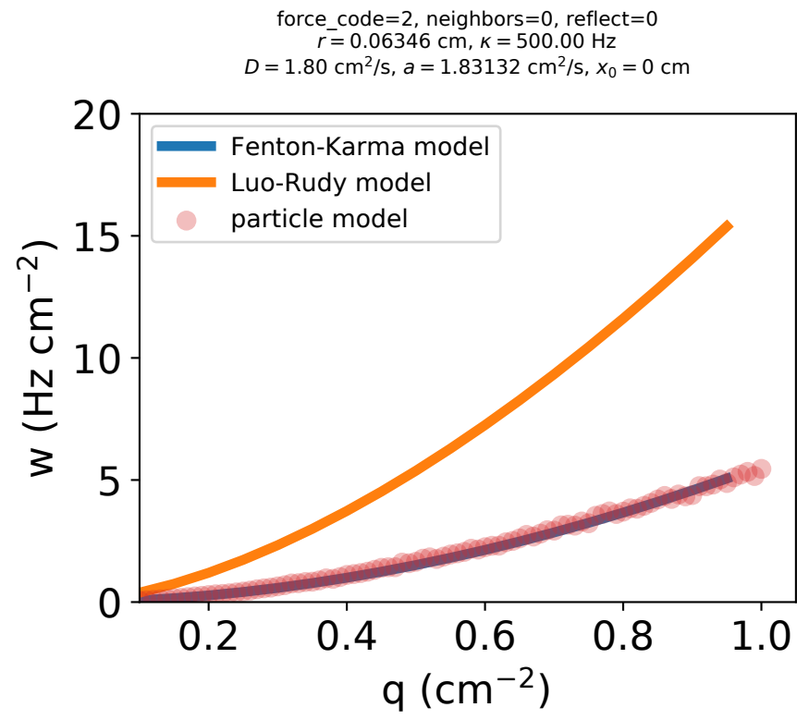

force_code=2, neighbors=0, reflect=0
$r = 0.11210$ cm, $\kappa = 500.00$ Hz
$D = 1.80$ cm^2/s, $a = 8.97827$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})
ν=1.659±0.022, M=16.851±0.928 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.435 Hz/cm^2
force_code=2, neighbors=0, reflect=0
$r = 0.11073$ cm, $\kappa = 500.00$ Hz
$D = 1.60$ cm^2/s, $a = 9.03403$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})
ν=1.663±0.023, M=16.759±0.986 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.428 Hz/cm^2
force_code=2, neighbors=0, reflect=0
$r = 0.10112$ cm, $\kappa = 250.00$ Hz
$D = 1.70$ cm^2/s, $a = 1.80456$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})
ν=1.903±0.017, M=5.605±0.189 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.119 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

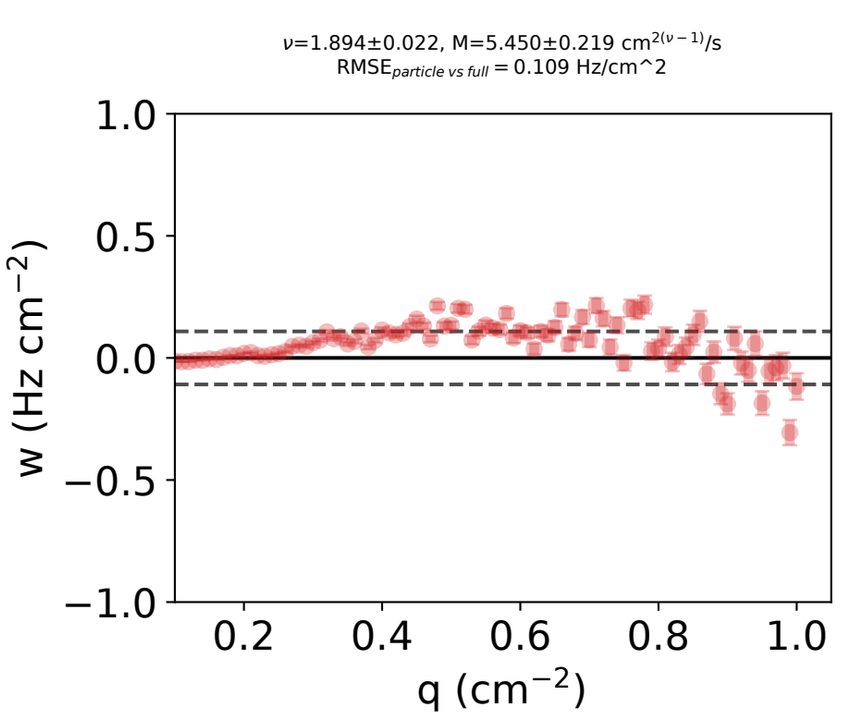

force_code=2, neighbors=0, reflect=0
$r = 0.18056$ cm, $\kappa = 250.00$ Hz
$D = 1.50$ cm^2/s, $a = 10.25610$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

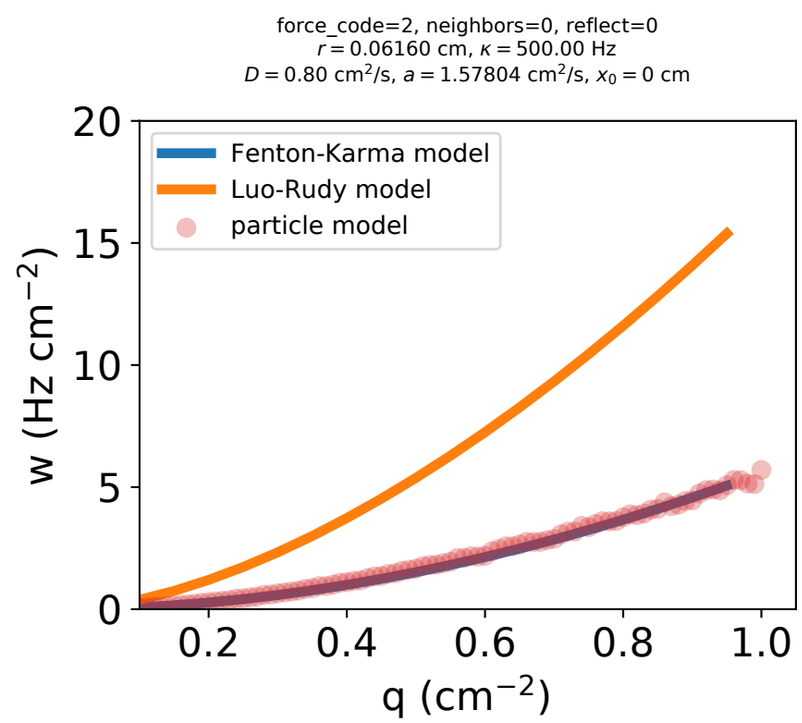

ν=1.654±0.015, M=16.995±0.636 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.315 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

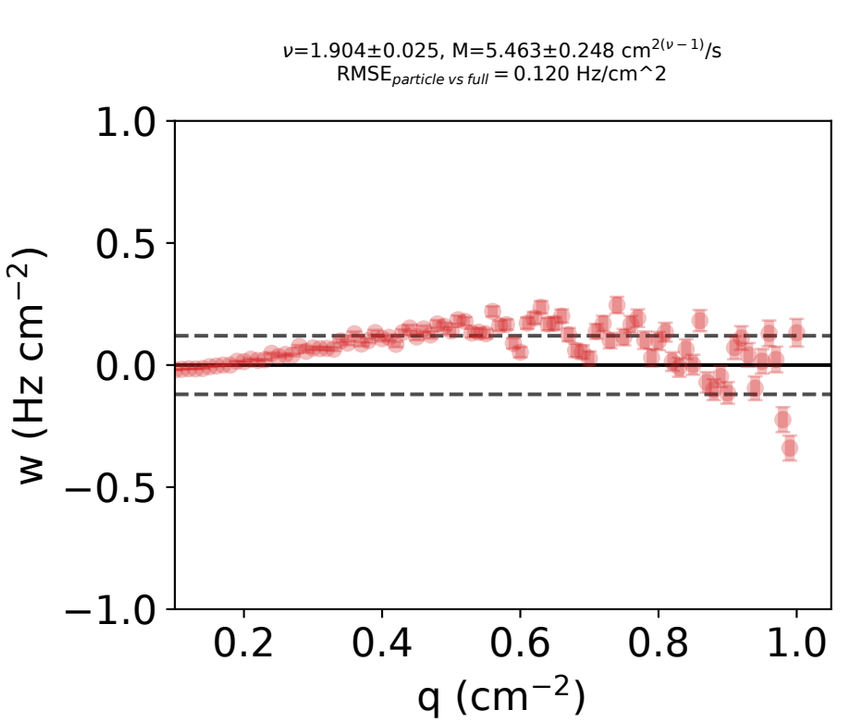

force_code=2, neighbors=0, reflect=0
$r = 0.06182$ cm, $\kappa = 500.00$ Hz
$D = 1.00$ cm^2/s, $a = 1.63453$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

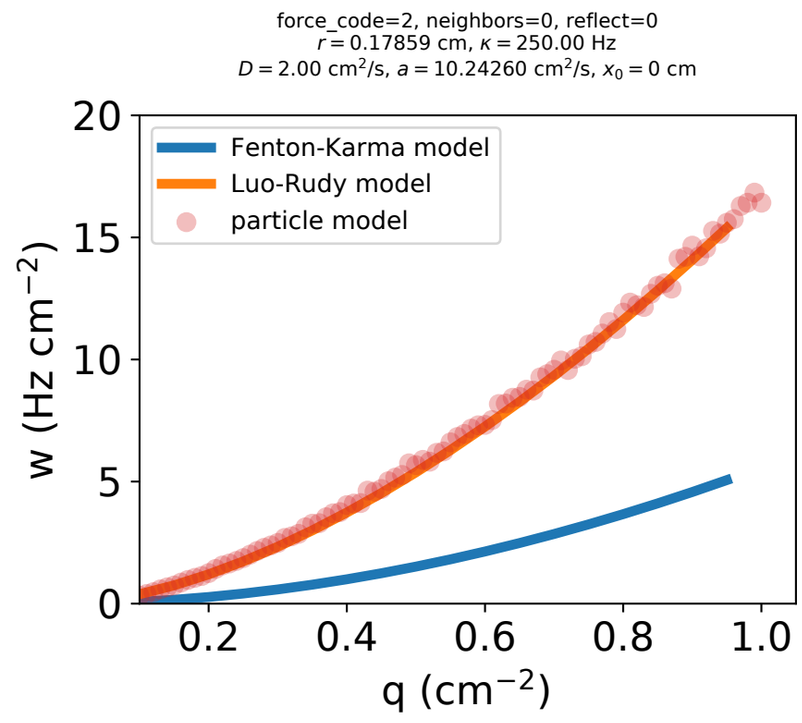

ν=1.892±0.026, M=5.464±0.252 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.129 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

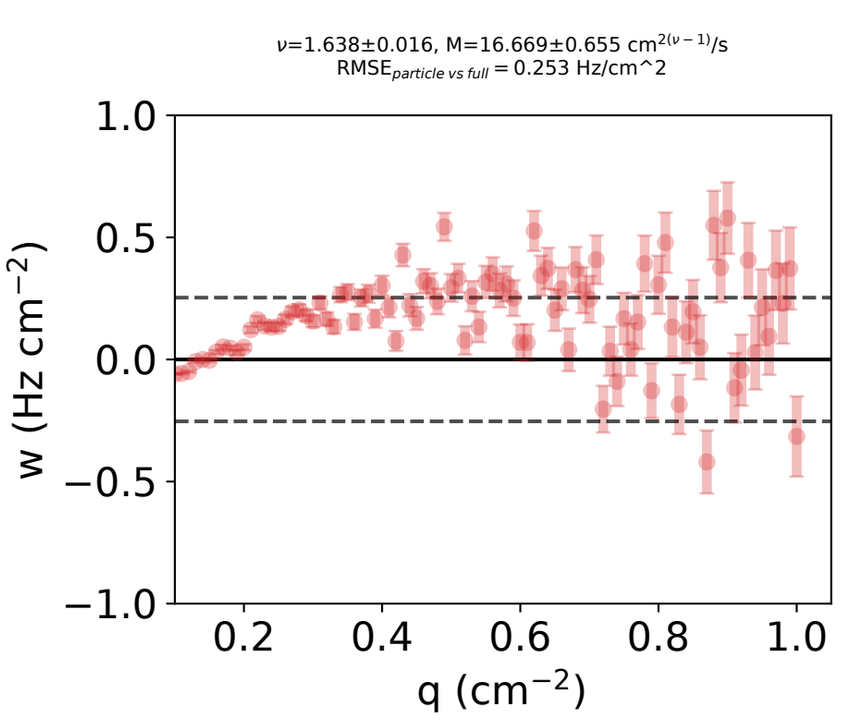

force_code=2, neighbors=0, reflect=0
$r = 0.06346$ cm, $\kappa = 500.00$ Hz
$D = 1.80$ cm^2/s, $a = 1.83132$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

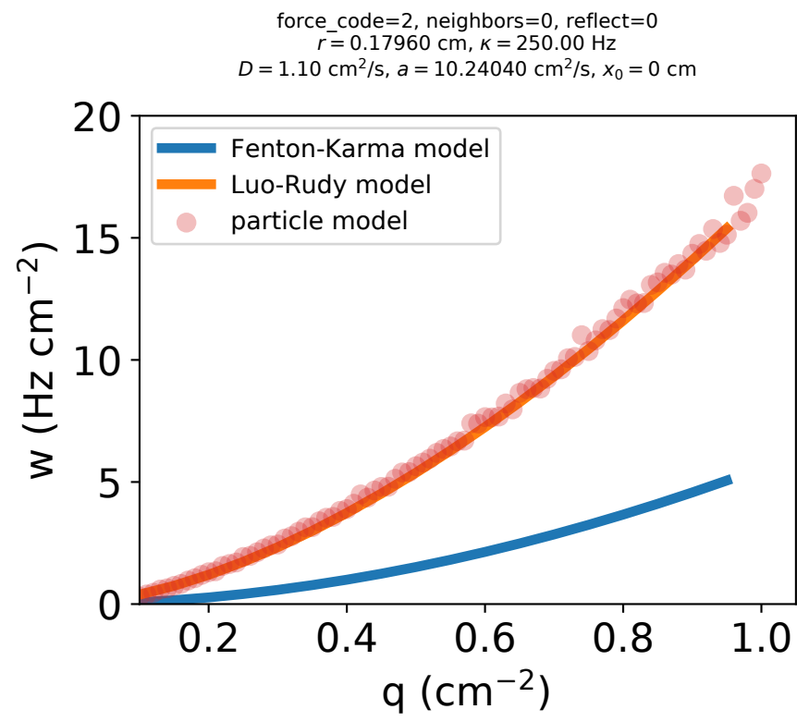

ν=1.894±0.022, M=5.450±0.219 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.109 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

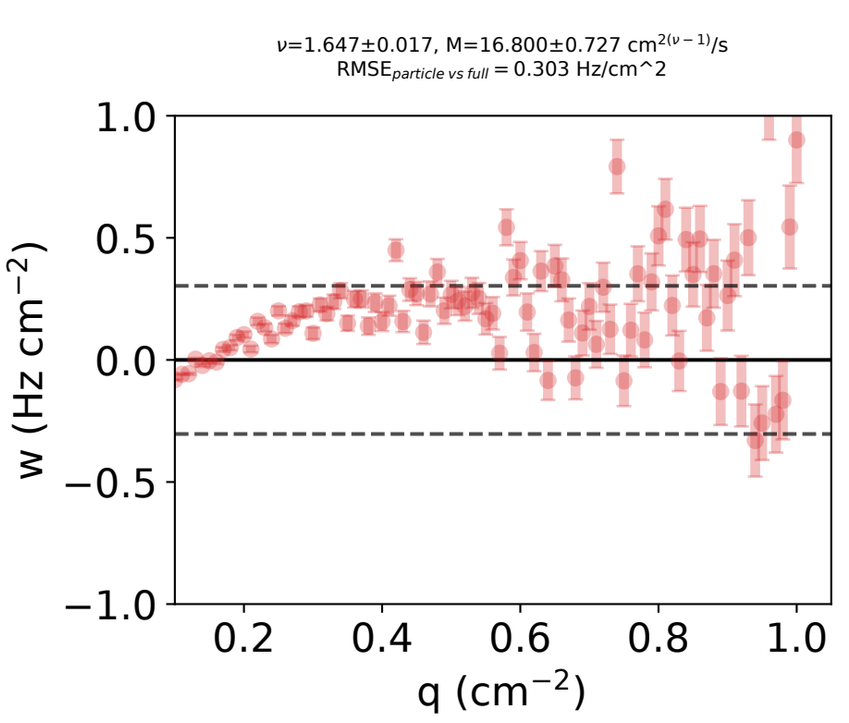

force_code=2, neighbors=0, reflect=0
$r = 0.06160$ cm, $\kappa = 500.00$ Hz
$D = 0.80$ cm^2/s, $a = 1.57804$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

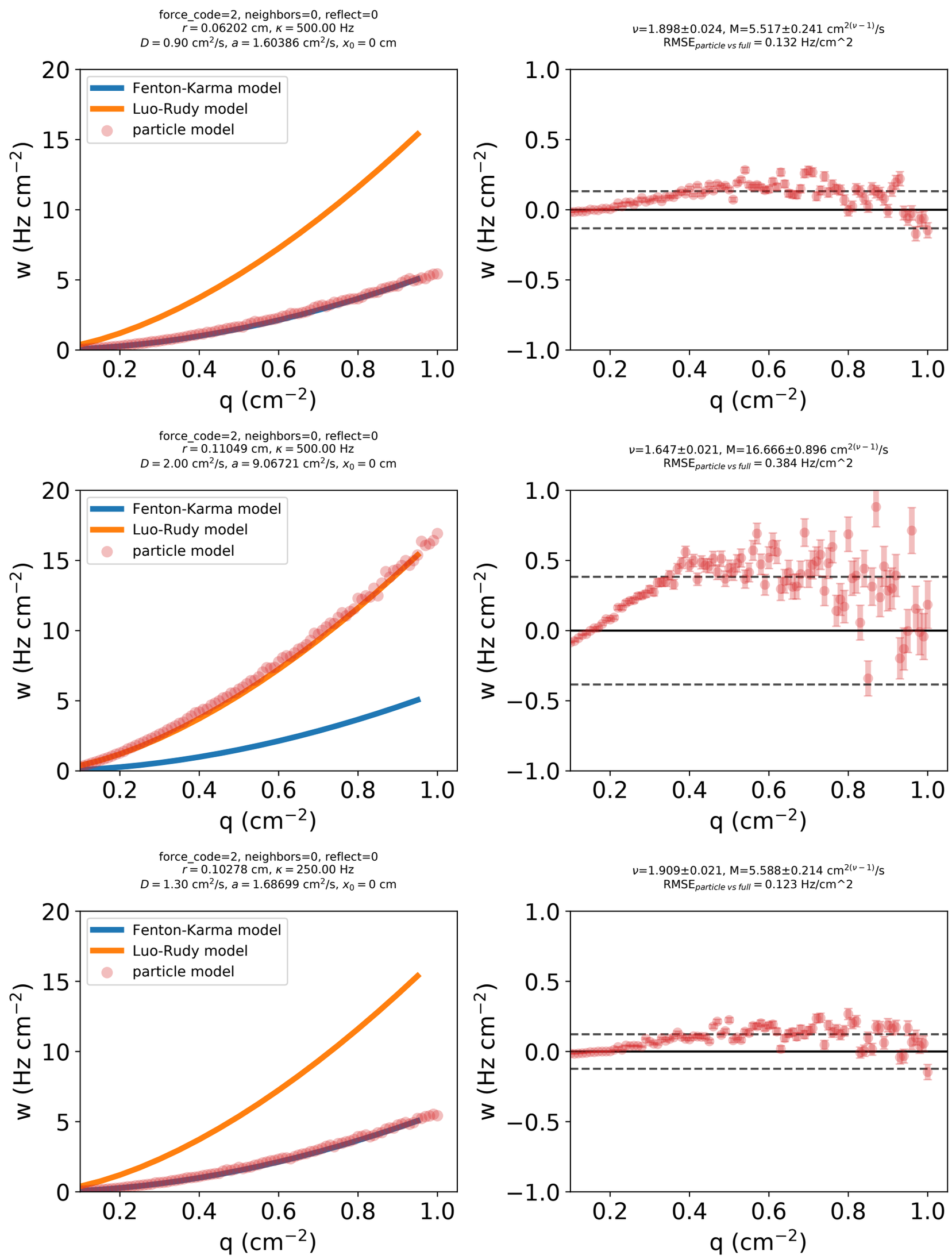

ν=1.904±0.025, M=5.463±0.248 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.120 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

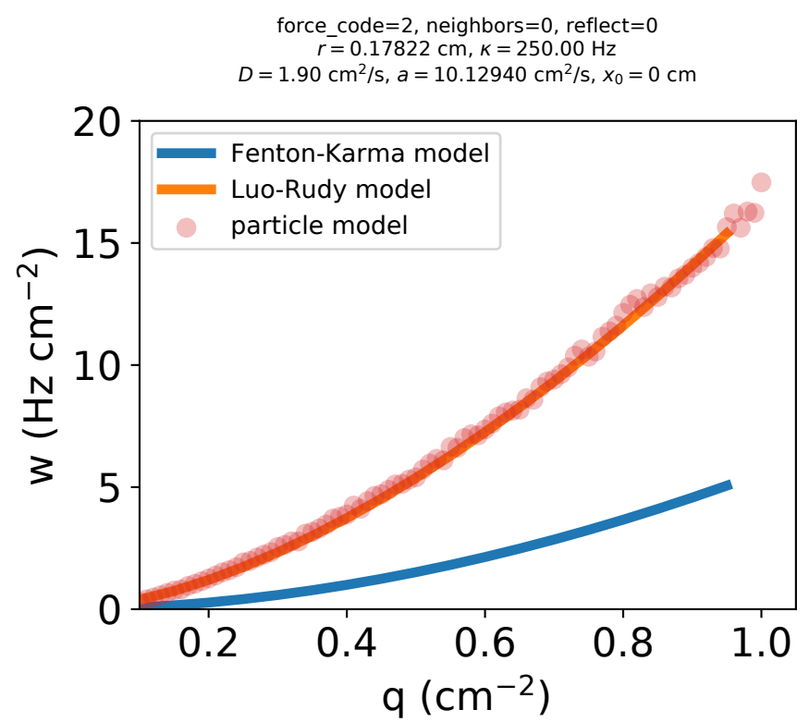

force_code=2, neighbors=0, reflect=0
$r = 0.17859$ cm, $\kappa = 250.00$ Hz
$D = 2.00$ cm^2/s, $a = 10.24260$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

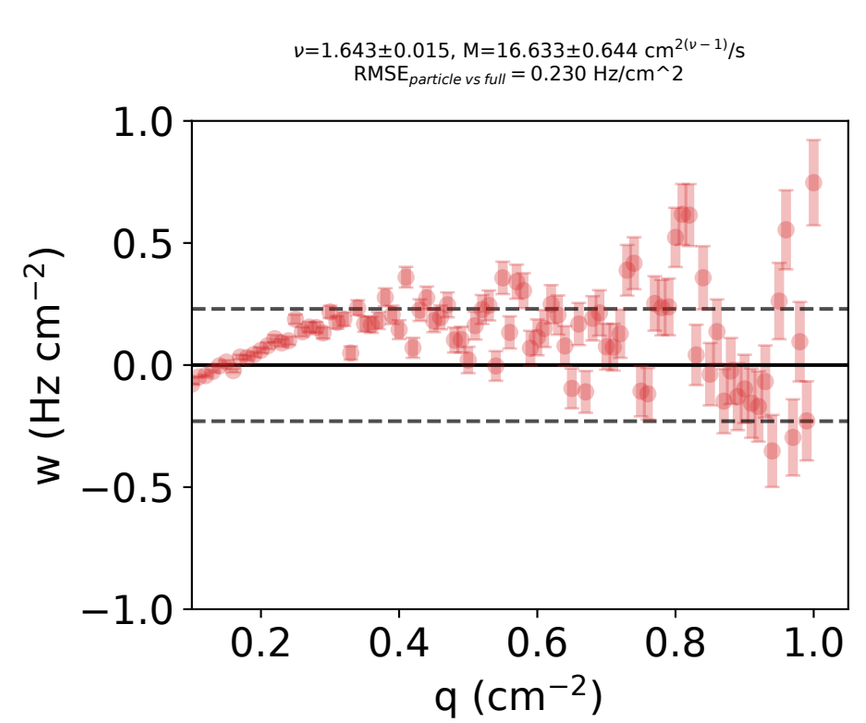

ν=1.638±0.016, M=16.669±0.655 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.253 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

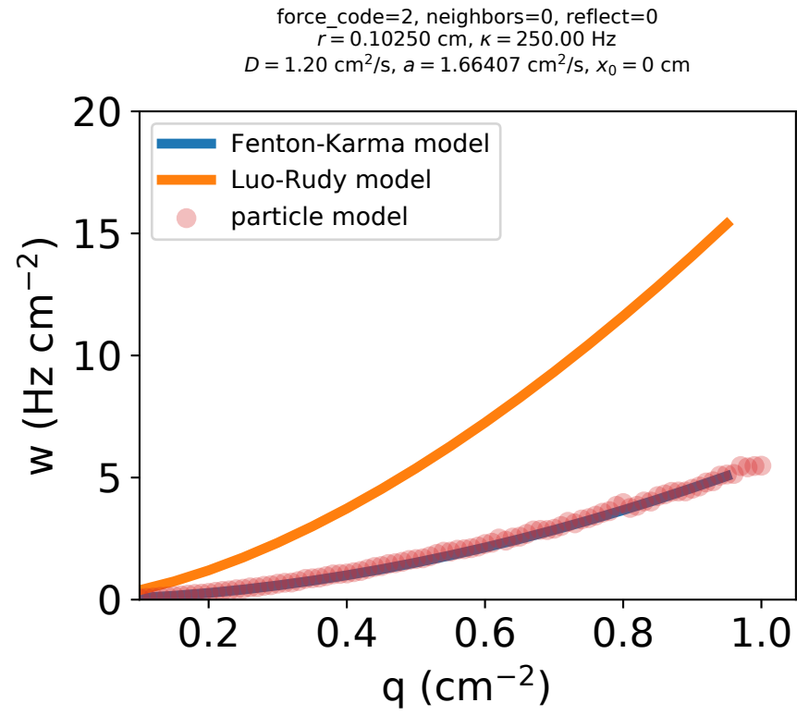

force_code=2, neighbors=0, reflect=0
$r = 0.17960$ cm, $\kappa = 250.00$ Hz
$D = 1.10$ cm^2/s, $a = 10.24040$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

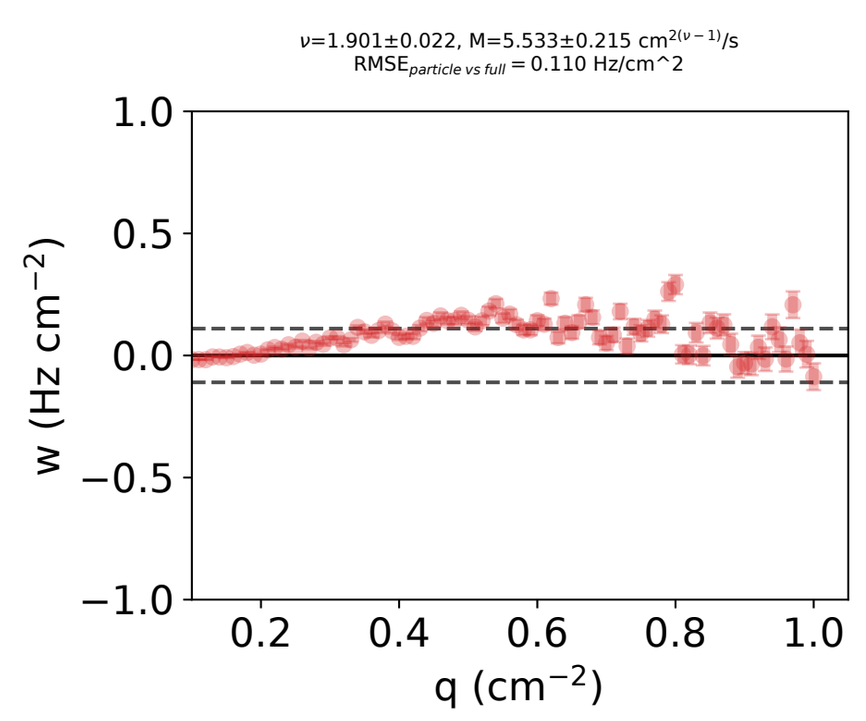

ν=1.647±0.017, M=16.800±0.727 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.303 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

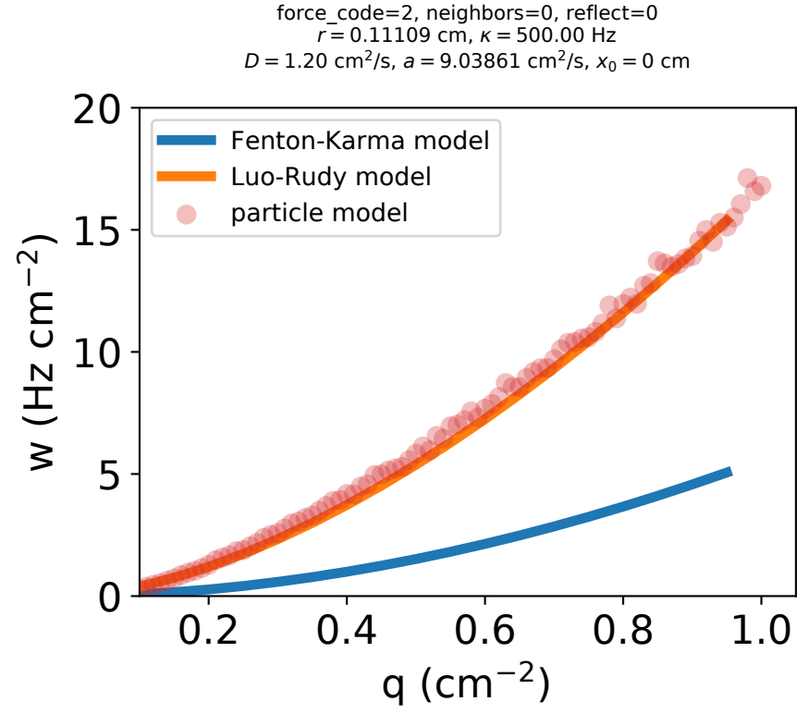

force_code=2, neighbors=0, reflect=0
$r = 0.06202$ cm, $\kappa = 500.00$ Hz
$D = 0.90$ cm^2/s, $a = 1.60386$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})
ν=1.898±0.024, M=5.517±0.241 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.132 Hz/cm^2
force_code=2, neighbors=0, reflect=0
$r = 0.11049$ cm, $\kappa = 500.00$ Hz
$D = 2.00$ cm^2/s, $a = 9.06721$ cm^2/s, $x_0 = 0$ cm
ν=1.647±0.021, M=16.666±0.896 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.384 Hz/cm^2
force_code=2, neighbors=0, reflect=0
$r = 0.10278$ cm, $\kappa = 250.00$ Hz
$D = 1.30$ cm^2/s, $a = 1.68699$ cm^2/s, $x_0 = 0$ cm
ν=1.909±0.021, M=5.588±0.214 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.123 Hz/cm^2

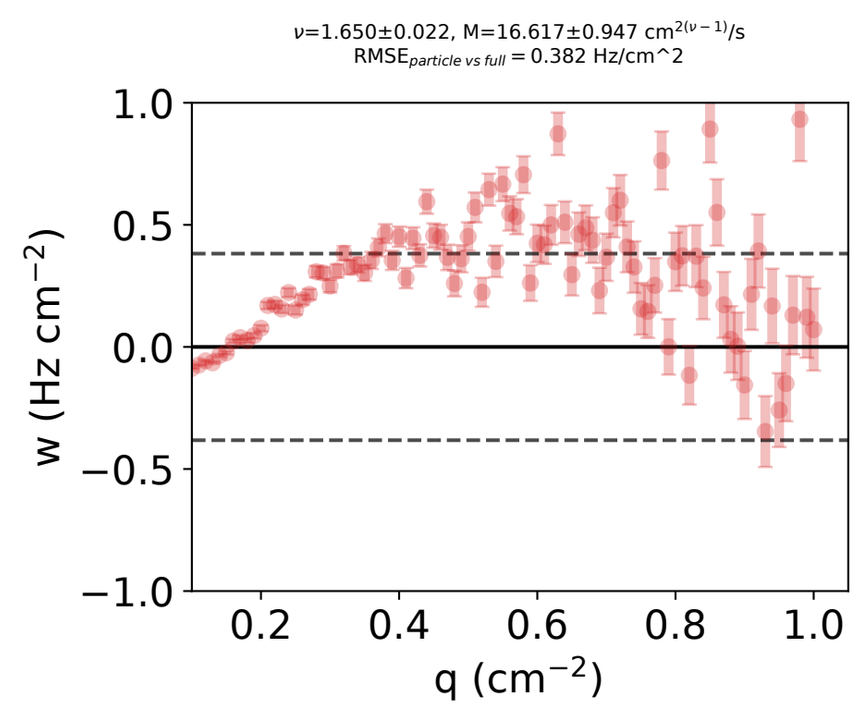

force_code=2, neighbors=0, reflect=0
$r = 0.17822$ cm, $\kappa = 250.00$ Hz
$D = 1.90$ cm^2/s, $a = 10.12940$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

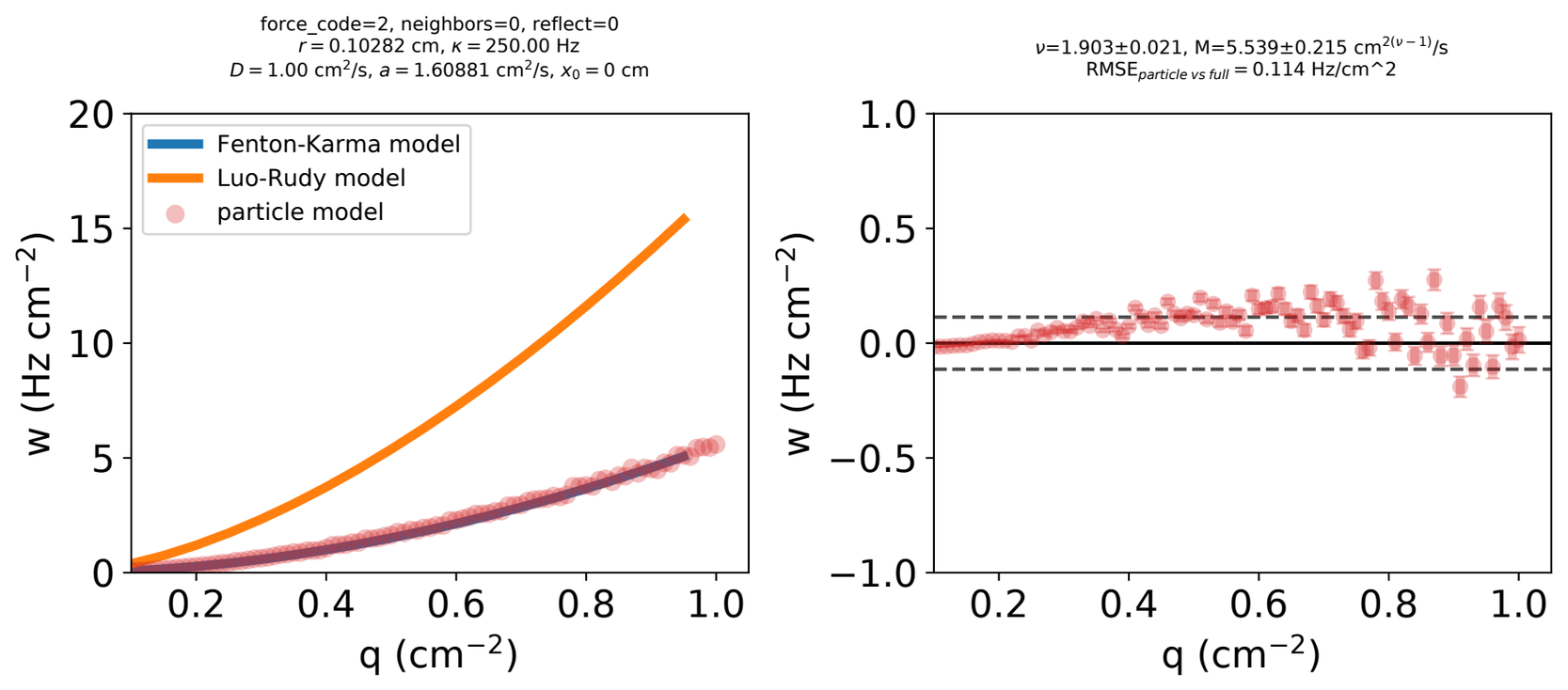

ν=1.643±0.015, M=16.633±0.644 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.230 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

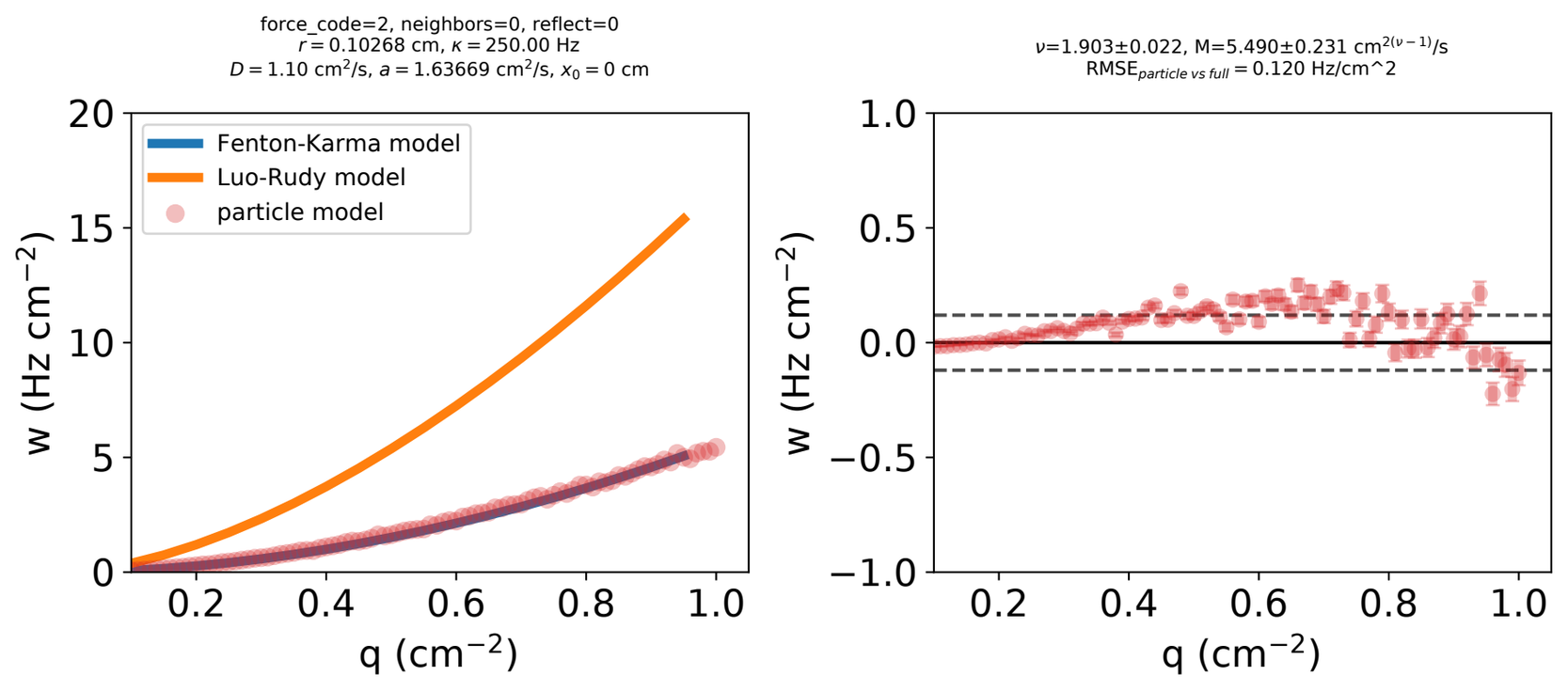

force_code=2, neighbors=0, reflect=0
$r = 0.10250$ cm, $\kappa = 250.00$ Hz
$D = 1.20$ cm^2/s, $a = 1.66407$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

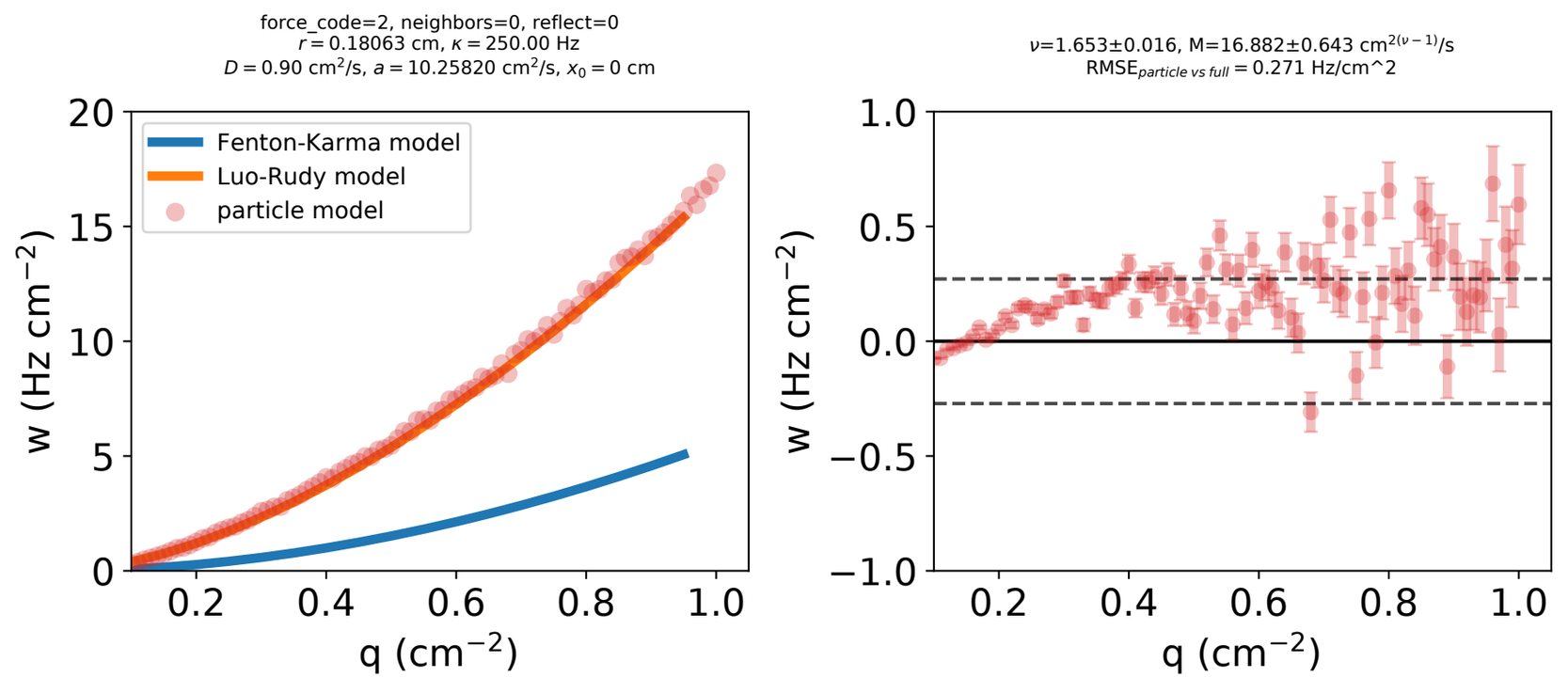

ν=1.901±0.022, M=5.533±0.215 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.110 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

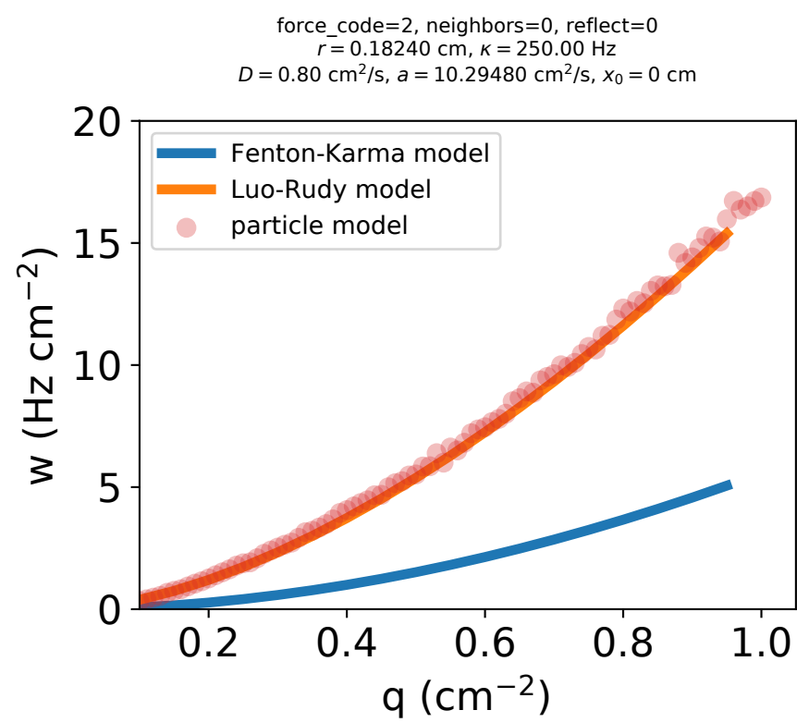

force_code=2, neighbors=0, reflect=0
$r = 0.11109$ cm, $\kappa = 500.00$ Hz
$D = 1.20$ cm^2/s, $a = 9.03861$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

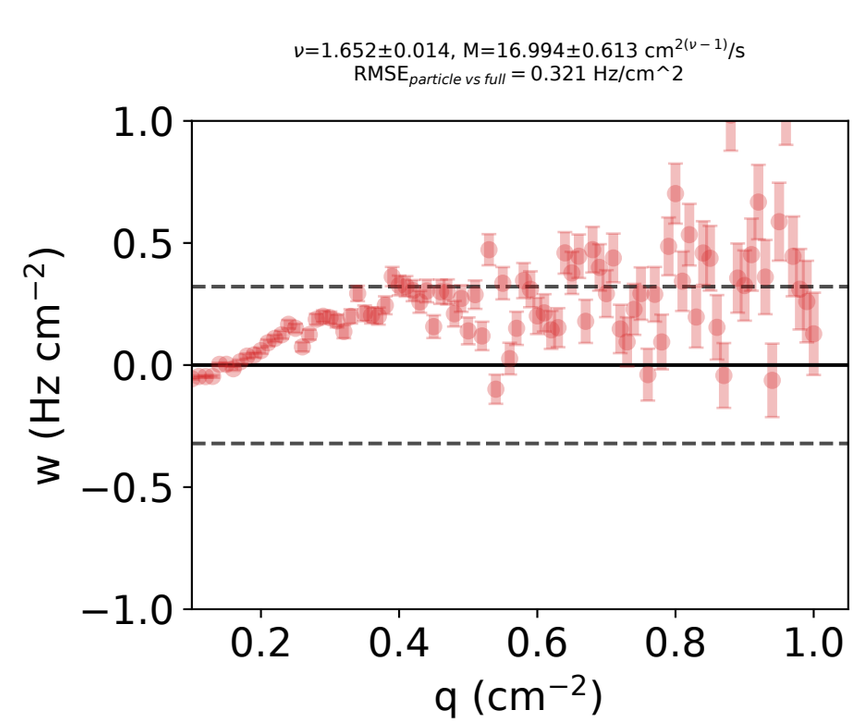

ν=1.650±0.022, M=16.617±0.947 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.382 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

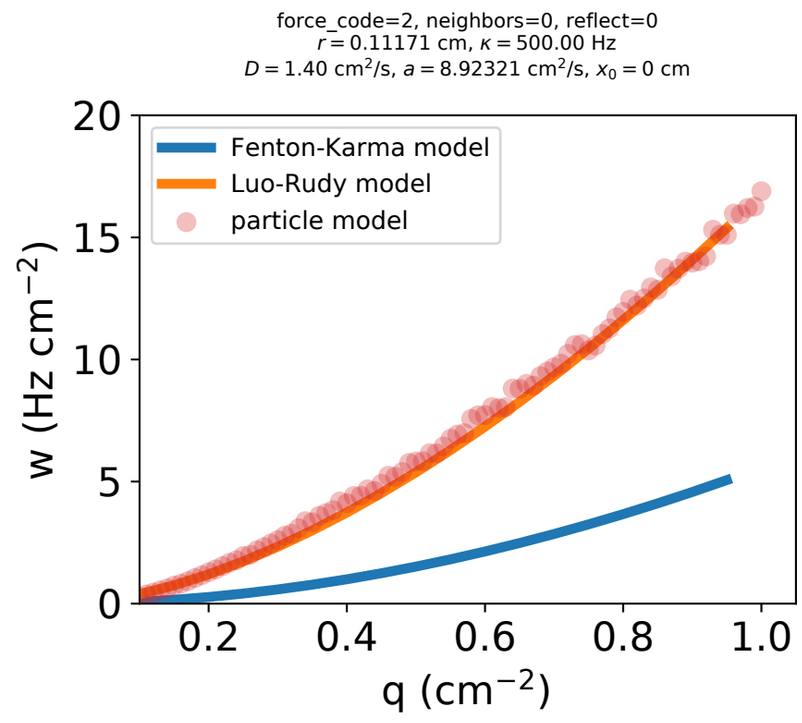

force_code=2, neighbors=0, reflect=0
$r = 0.10282$ cm, $\kappa = 250.00$ Hz
$D = 1.00$ cm^2/s, $a = 1.60881$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})
ν=1.903±0.021, M=5.539±0.215 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.114 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

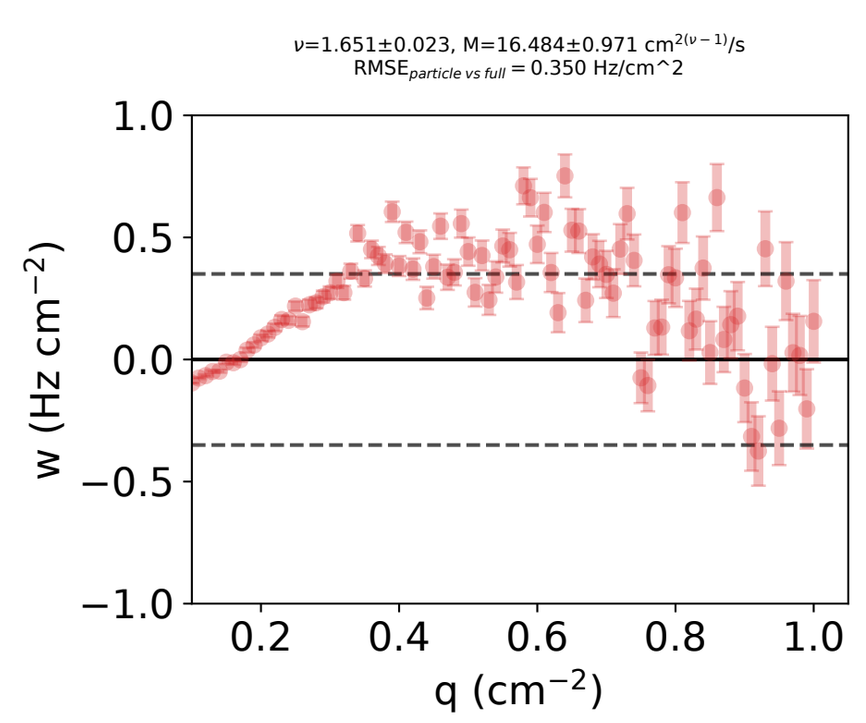

force_code=2, neighbors=0, reflect=0
$r = 0.10268$ cm, $\kappa = 250.00$ Hz
$D = 1.10$ cm^2/s, $a = 1.63669$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})
ν=1.903±0.022, M=5.490±0.231 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.120 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

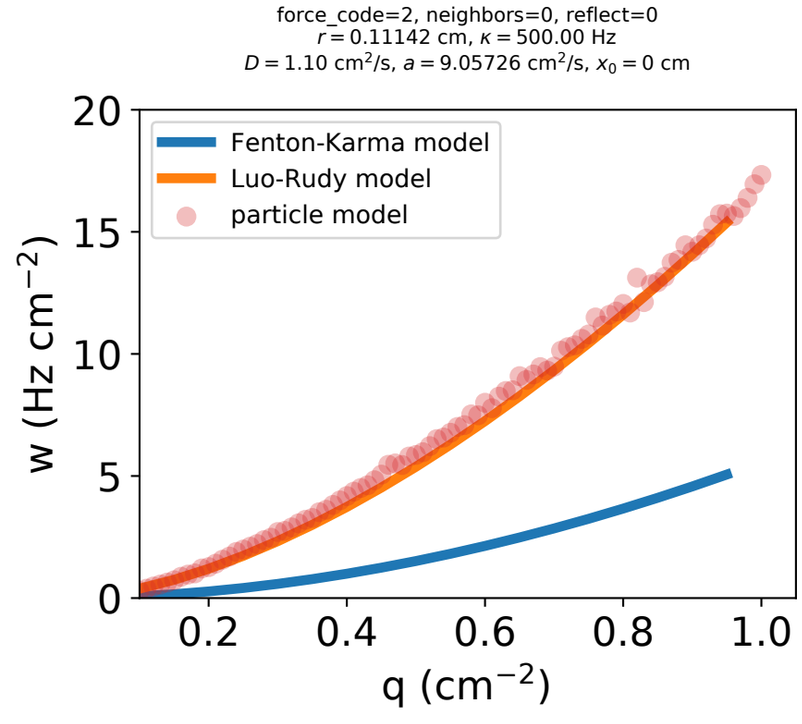

force_code=2, neighbors=0, reflect=0
$r = 0.18063$ cm, $\kappa = 250.00$ Hz
$D = 0.90$ cm^2/s, $a = 10.25820$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})
ν=1.653±0.016, M=16.882±0.643 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.271 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

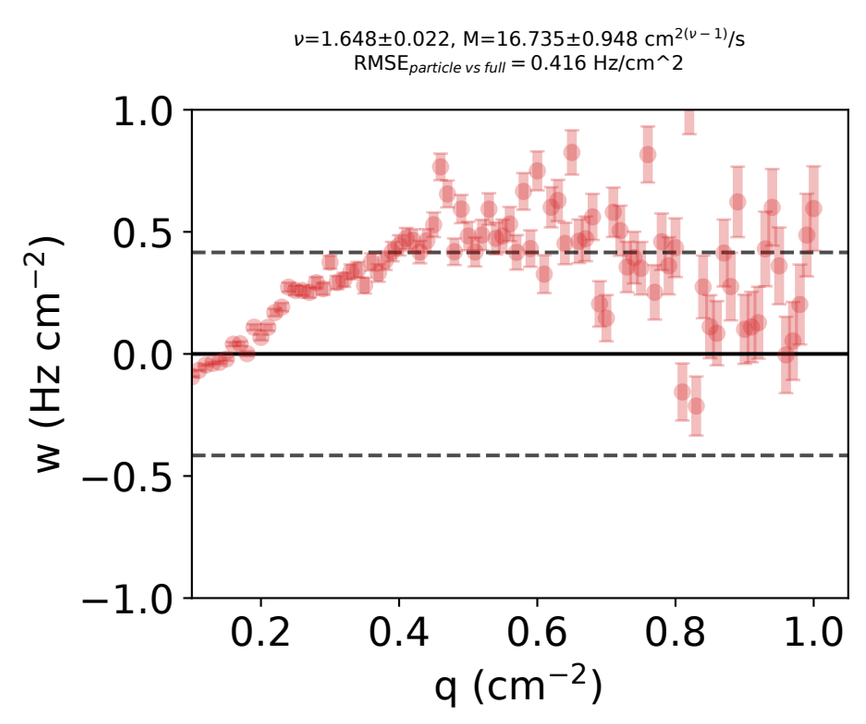

force_code=2, neighbors=0, reflect=0
$r = 0.18240$ cm, $\kappa = 250.00$ Hz
$D = 0.80$ cm^2/s, $a = 10.29480$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

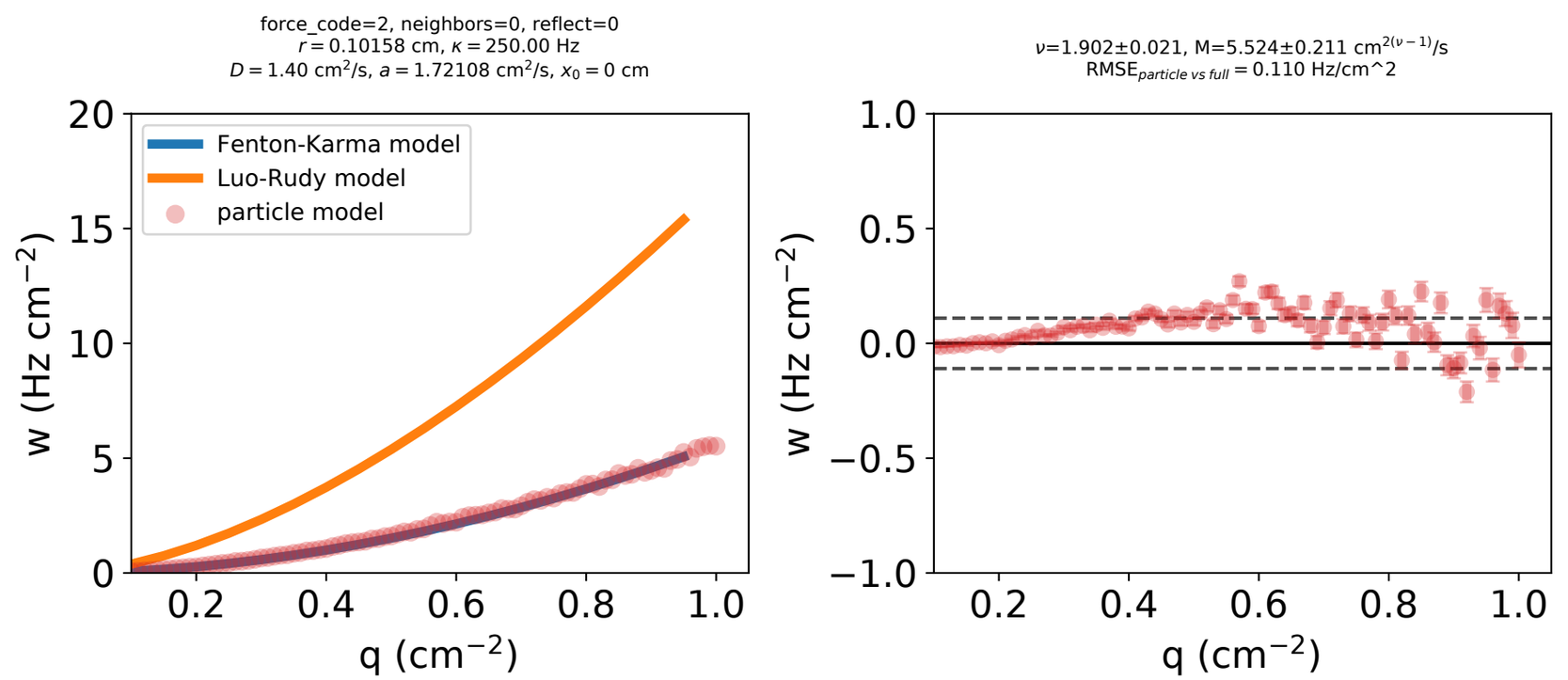

ν=1.652±0.014, M=16.994±0.613 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.321 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

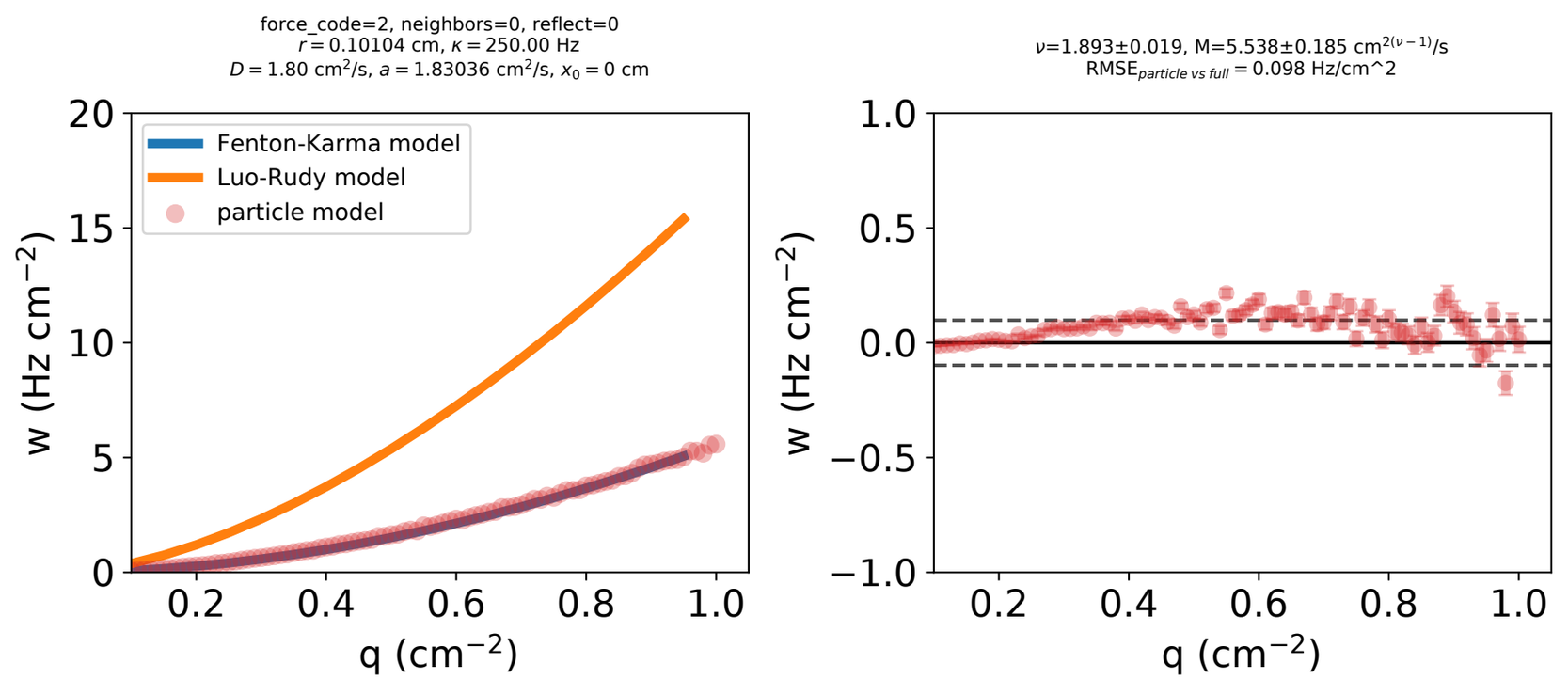

force_code=2, neighbors=0, reflect=0
$r = 0.11171$ cm, $\kappa = 500.00$ Hz
$D = 1.40$ cm^2/s, $a = 8.92321$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

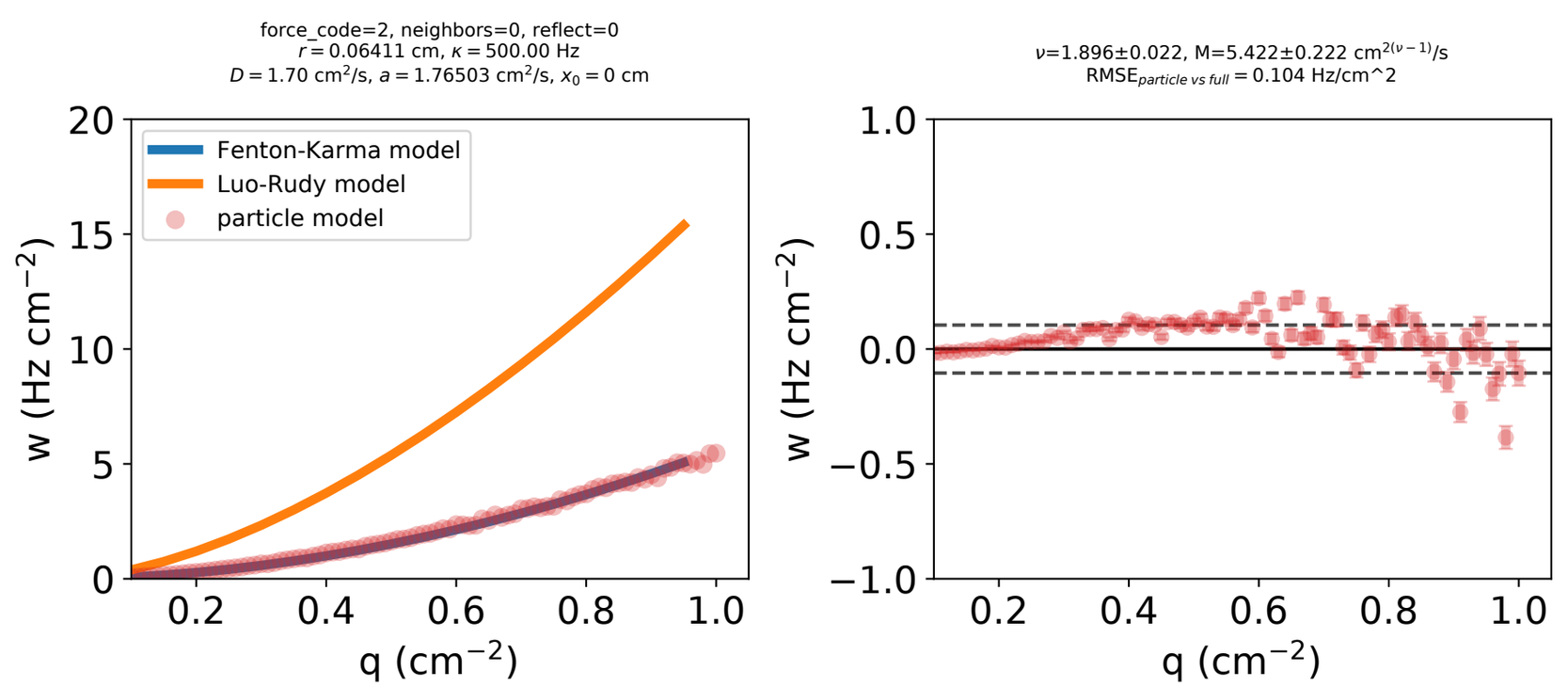

ν=1.651±0.023, M=16.484±0.971 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.350 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

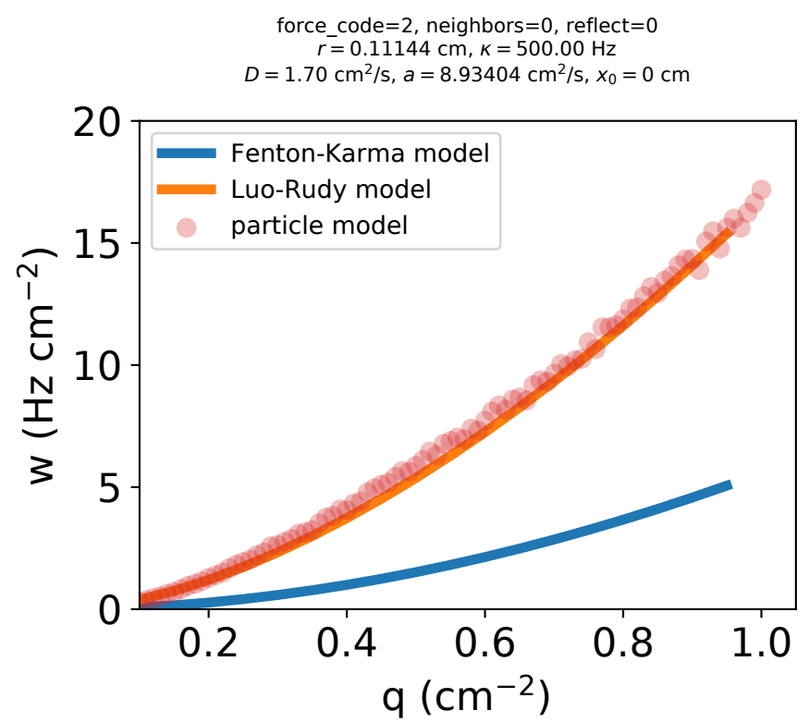

force_code=2, neighbors=0, reflect=0
$r = 0.11142$ cm, $\kappa = 500.00$ Hz
$D = 1.10$ cm^2/s, $a = 9.05726$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

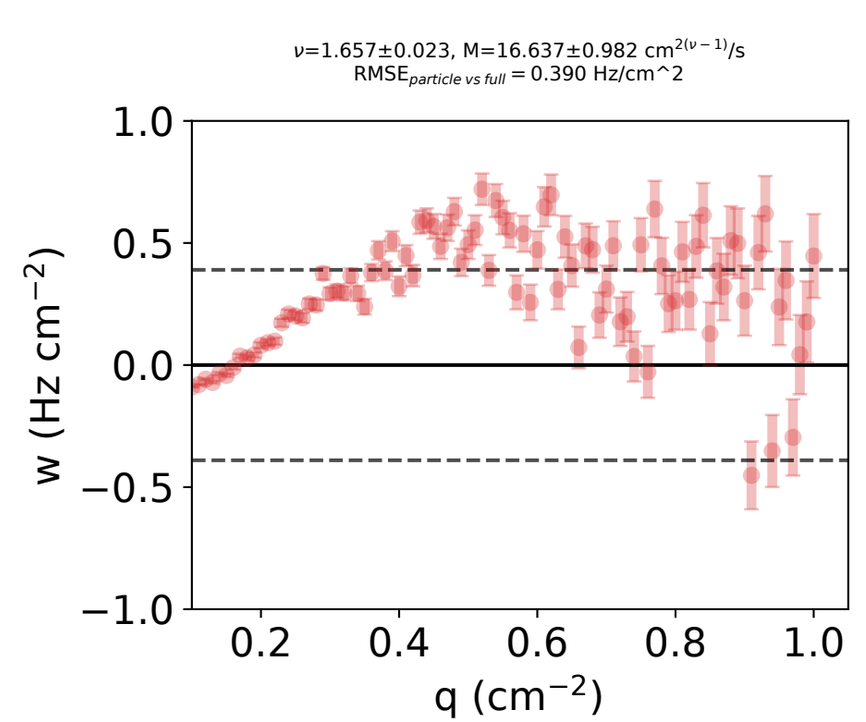

ν=1.648±0.022, M=16.735±0.948 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.416 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

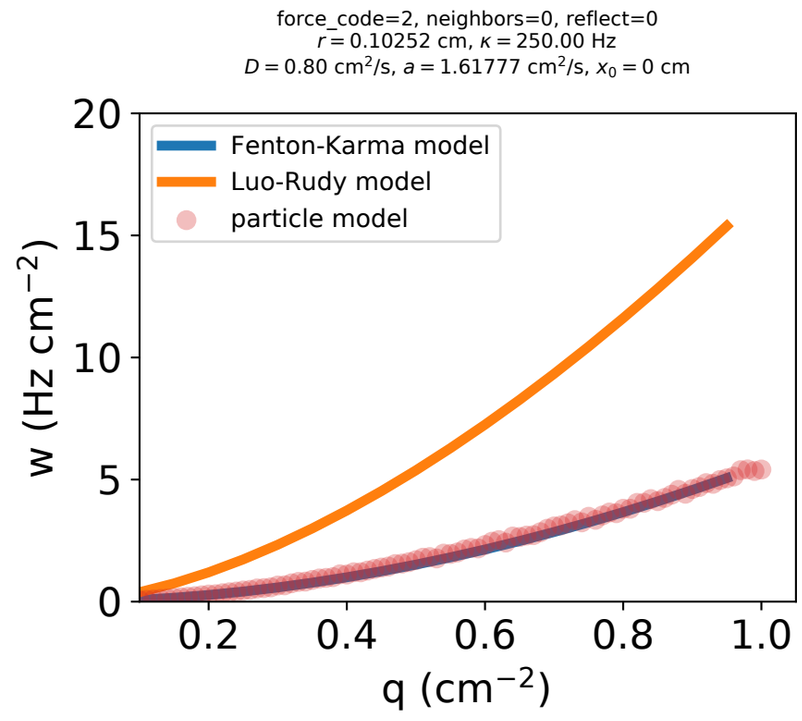

force_code=2, neighbors=0, reflect=0
$r = 0.10158$ cm, $\kappa = 250.00$ Hz
$D = 1.40$ cm^2/s, $a = 1.72108$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})
ν=1.902±0.021, M=5.524±0.211 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.110 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

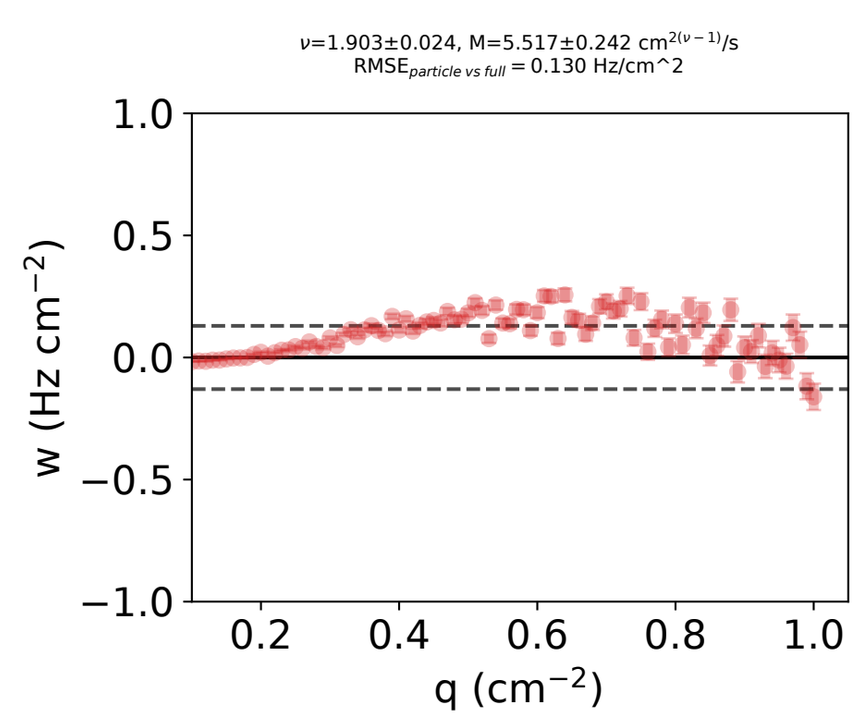

force_code=2, neighbors=0, reflect=0
$r = 0.10104$ cm, $\kappa = 250.00$ Hz
$D = 1.80$ cm^2/s, $a = 1.83036$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})
ν=1.893±0.019, M=5.538±0.185 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.098 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

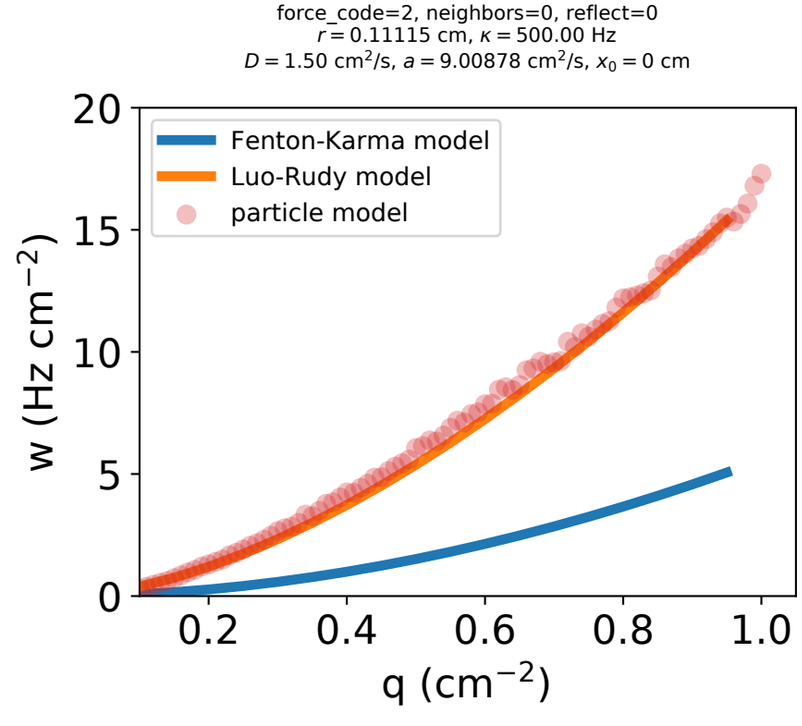

force_code=2, neighbors=0, reflect=0
$r = 0.06411$ cm, $\kappa = 500.00$ Hz
$D = 1.70$ cm^2/s, $a = 1.76503$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})
ν=1.896±0.022, M=5.422±0.222 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.104 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

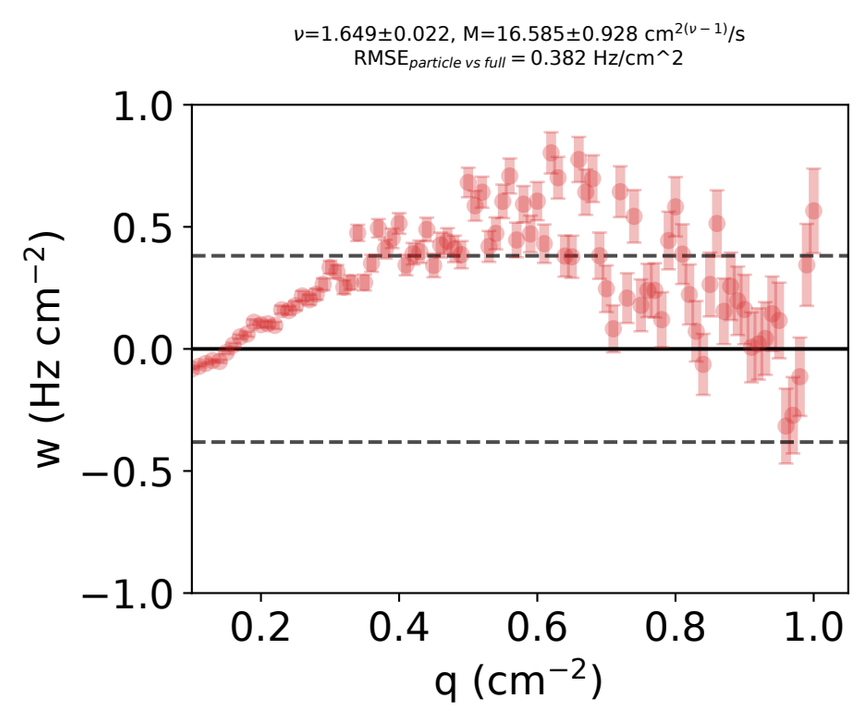

force_code=2, neighbors=0, reflect=0
$r = 0.11144$ cm, $\kappa = 500.00$ Hz
$D = 1.70$ cm^2/s, $a = 8.93404$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

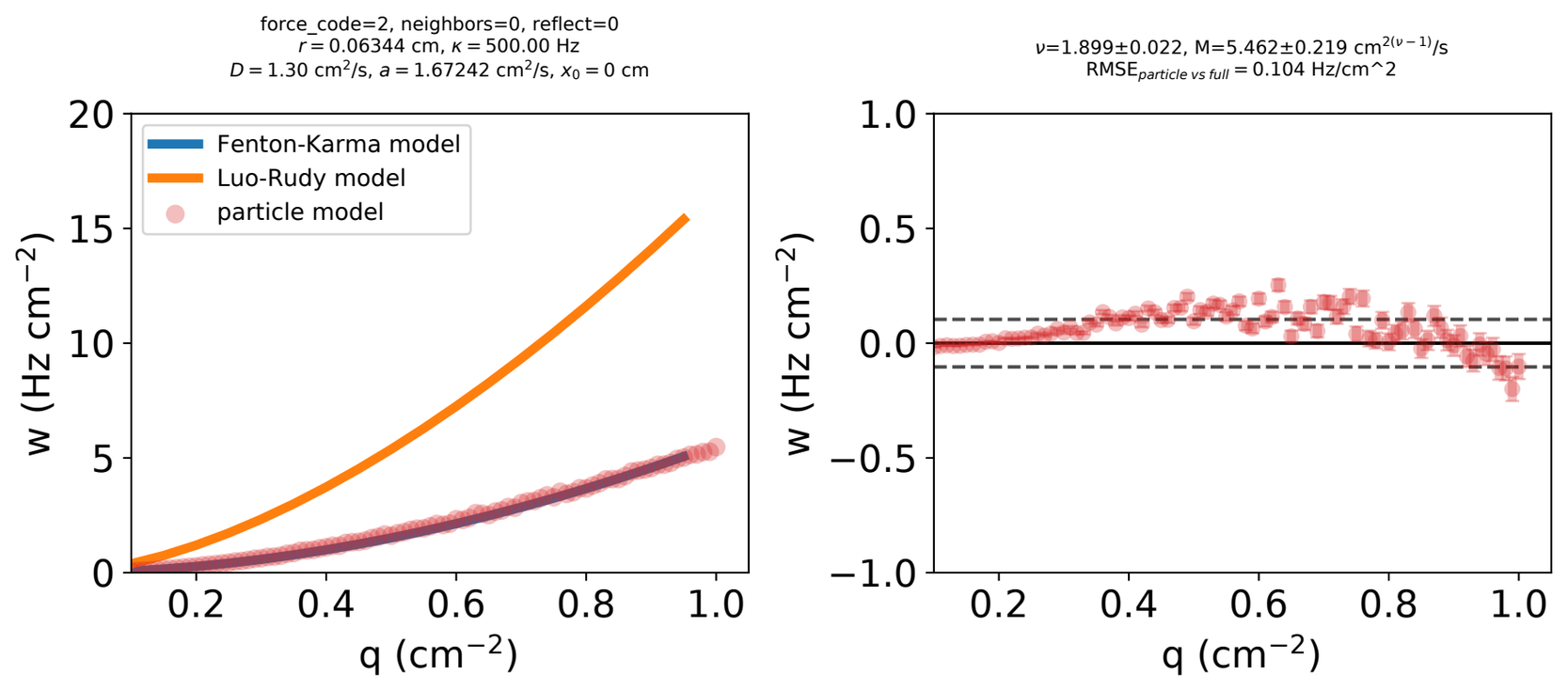

ν=1.657±0.023, M=16.637±0.982 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.390 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

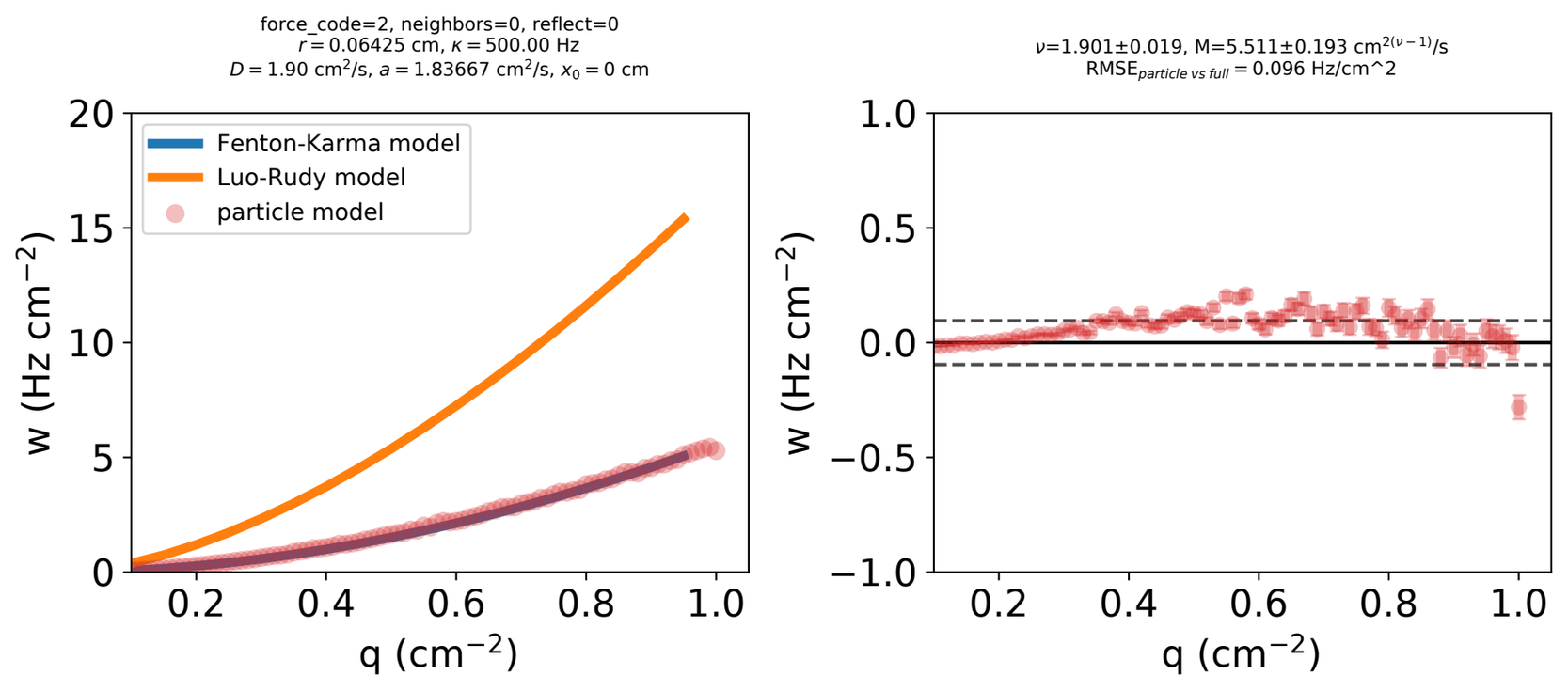

force_code=2, neighbors=0, reflect=0
$r = 0.10252$ cm, $\kappa = 250.00$ Hz
$D = 0.80$ cm^2/s, $a = 1.61777$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

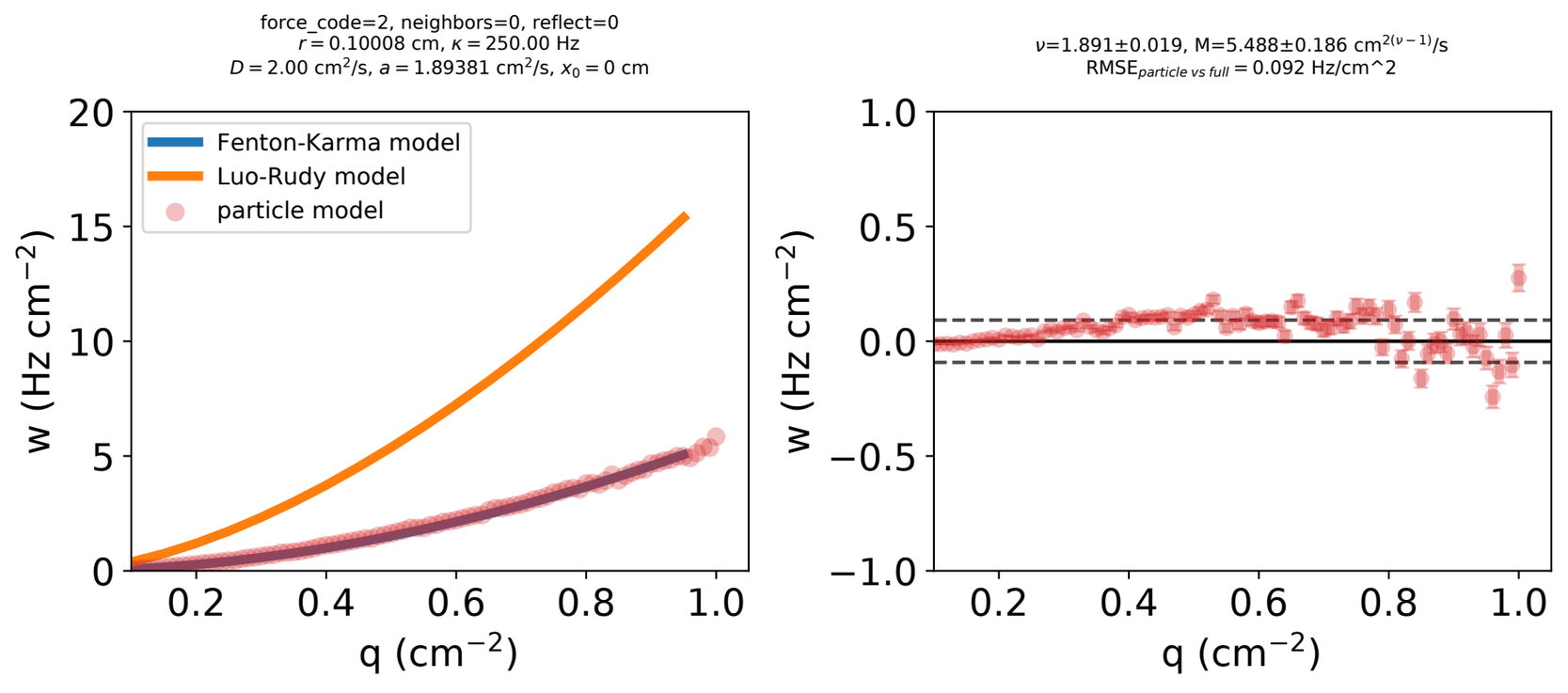

ν=1.903±0.024, M=5.517±0.242 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.130 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

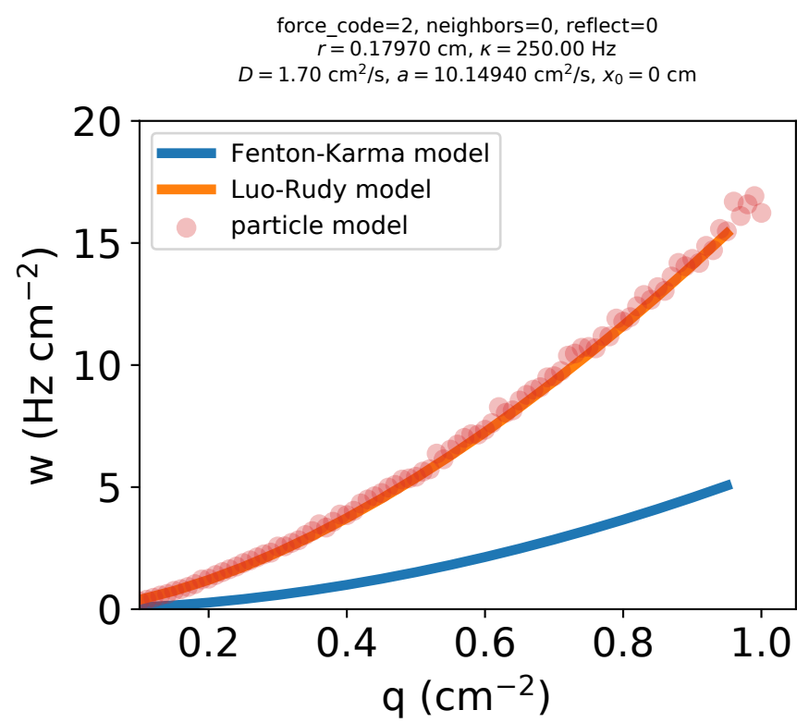

force_code=2, neighbors=0, reflect=0
$r = 0.11115$ cm, $\kappa = 500.00$ Hz
$D = 1.50$ cm^2/s, $a = 9.00878$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})

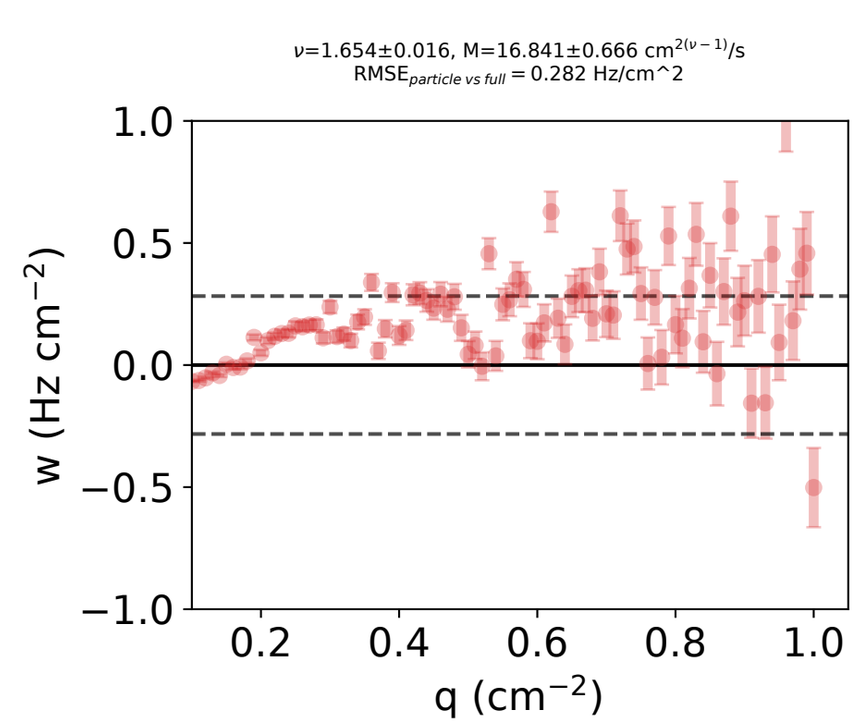

ν=1.649±0.022, M=16.585±0.928 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.382 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

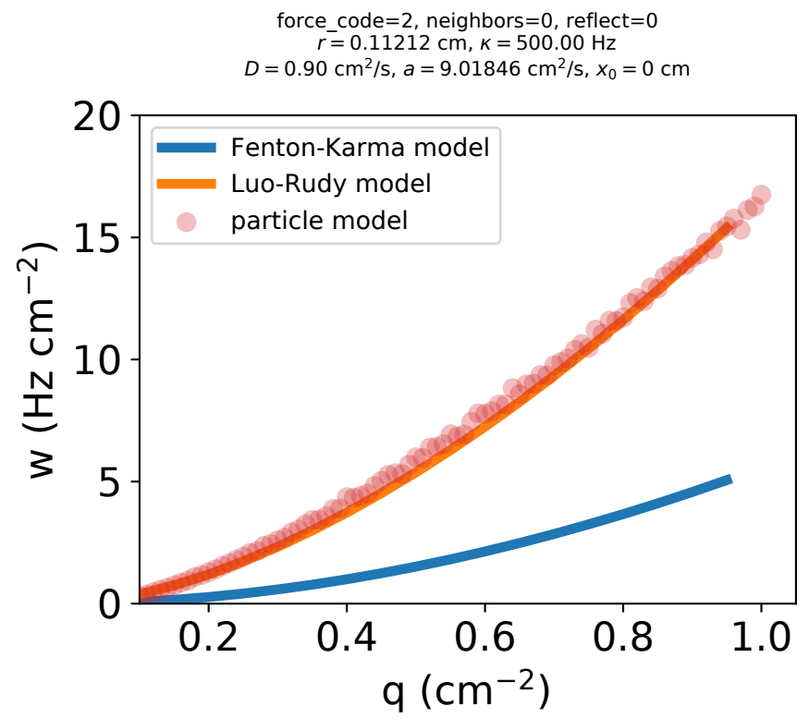

force_code=2, neighbors=0, reflect=0
$r = 0.06344$ cm, $\kappa = 500.00$ Hz
$D = 1.30$ cm^2/s, $a = 1.67242$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})
ν=1.899±0.022, M=5.462±0.219 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.104 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

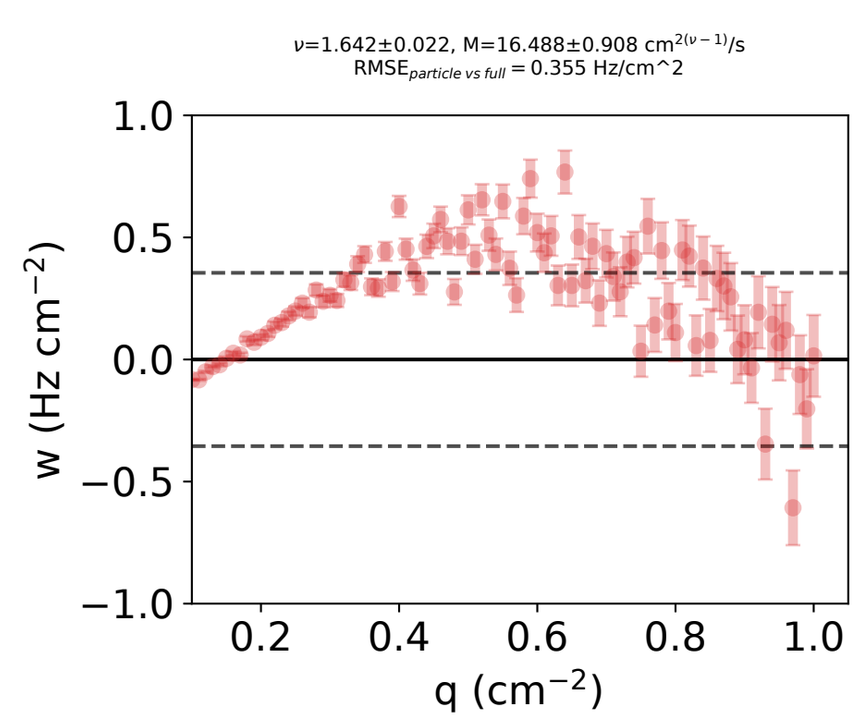

force_code=2, neighbors=0, reflect=0
$r = 0.06425$ cm, $\kappa = 500.00$ Hz
$D = 1.90$ cm^2/s, $a = 1.83667$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})
ν=1.901±0.019, M=5.511±0.193 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.096 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

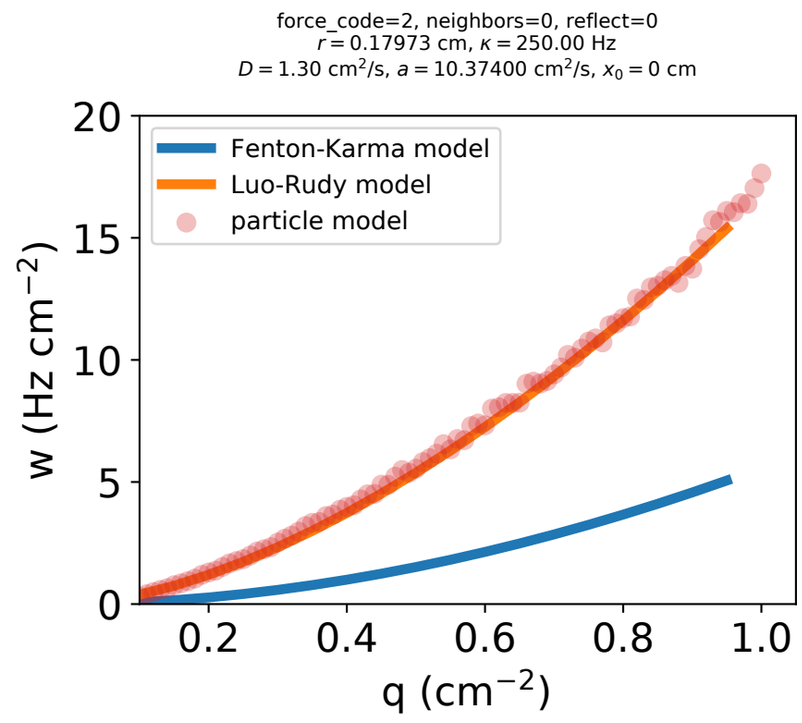

force_code=2, neighbors=0, reflect=0
$r = 0.10008$ cm, $\kappa = 250.00$ Hz
$D = 2.00$ cm^2/s, $a = 1.89381$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})
ν=1.891±0.019, M=5.488±0.186 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.092 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})

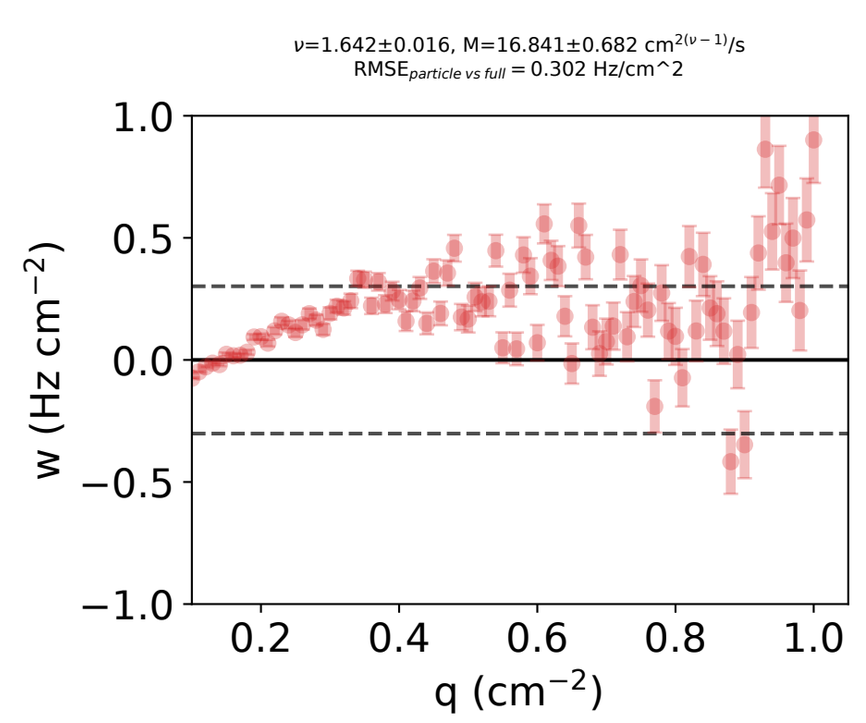

force_code=2, neighbors=0, reflect=0
$r = 0.17970$ cm, $\kappa = 250.00$ Hz
$D = 1.70$ cm^2/s, $a = 10.14940$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})


ν=1.654±0.016, M=16.841±0.666 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.282 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})


force_code=2, neighbors=0, reflect=0
$r = 0.11212$ cm, $\kappa = 500.00$ Hz
$D = 0.90$ cm^2/s, $a = 9.01846$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})


ν=1.642±0.022, M=16.488±0.908 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.355 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})


force_code=2, neighbors=0, reflect=0
$r = 0.17973$ cm, $\kappa = 250.00$ Hz
$D = 1.30$ cm^2/s, $a = 10.37400$ cm^2/s, $x_0 = 0$ cm
Fenton-Karma model
Luo-Rudy model
particle model
w (Hz cm^{-2})
q (cm^{-2})


ν=1.642±0.016, M=16.841±0.682 cm$^{2(\nu-1)}$/s
RMSE$_{particle\ vs\ full}$ = 0.302 Hz/cm^2
w (Hz cm^{-2})
q (cm^{-2})