Branch: master **pencil-code** / python / tutorials / sample_simulations / 2d_streaming_instability / **run.in** Find file Copy path

andreas-schreiber !!! MAJOR UPDATE ON PENCILNEW !!! b420818 on Dec 30, 2016

1 contributor

Executable File 52 lines (47 sloc) 1.06 KB Raw Blame History

```
!                          -*-f90-*- (for Emacs)
!
!  Run parameters for MRI turbulence
!
&run_pars
  it1=20, cdt=0.4, cdtv=0.4, isave=1000, itorder=3,
  dsnap=0.062831853, dtmin=1.0e-8
  lbidiagonal_derij=F
  lpencil_check=F, lpencil_check_small=F
  tmax=12, max_walltime=170000
  dvid=1.
  d2davg=0.01
  slice_position='m'
  !dspec=5., ou_spec=T, ab_spec=T !(for energy spectra)
  dspec=1., ro_spec=F, vel_spec=T
  oned=T
/
&eos_run_pars
/
&hydro_run_pars
/
&density_run_pars
  diffrho_hyper3=1.7e-25, idiff='hyper3','shock'
  diffrho_shock=1
/
&particles_run_pars
  ldragforce_dust_par=T, ldragforce_gas_par=T
  cdtp=0.2
  lmigration_redo=T
  lcheck_exact_frontier=T
!  gravz_profile='linear'  NO GRAVITY
!  nu_epicycle=1.0
  lcollisional_cooling_twobody=F
  lpar_spec=T
/
&shear_run_pars
  qshear=1.5
/
&viscosity_run_pars
  nu_hyper3=1.7e-25, ivisc='hyper3_nu-const','shock'
  nu_shock=1
/
&shock_run_pars
  lrewrite_shock_boundary=T
/
&power_spectrum_run_pars
/
```