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K-pi and pi-pi scattering close to the physical pion mass

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Results will be presented for pi-pi and K-pi scattering using lattice configurations on which the pion mass is 150 MeV.

In this study the focus is on the kinematic region around the rho (for pi-pi scattering) and K* (for K-pi) resonances.

Different lattice volumes and moving frames are used to obtain the spectrum for a range of centre of mass energies, which allows the energy dependence of the scattering phase shift to be extracted.

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