Radioactive Ion Beam Line in Lanzhou (RIBLL1) at Institute of Modern Physic, which was built in 1997, is a major facility for experimental researches with radioactive ion beam in China. It can provide radioactive ion beams produced by projectile fragmentations at energies below 80 AMeV and by transfer reaction or charge exchange reaction at lower energies. In this talk, I will give a brief introduction of RIBLL1 and the experiments performed at RIBLL1 in recent five years. Then I will focus on the experimental studies of direct reactions and clustering induced by light radioactive ion beams at energies of several tens AMeV. The experimental results of elastic scattering of N=3 isotones on Pb target, breakup of $^8$B and the preliminary results of clustering structure of $^9$Li will be shown.

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