

Plenary talk

Nuclear physics program at MAX-lab

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摘要

The upgrade of the MAX-lab injector and the construction of MAX III, provided the opportunity for upgrading the tagged-photon facility and thus lead to the possibility of more extensive program in nuclear physics research. This upgrade increased the injected electron energy to an eventual maximum of 250 MeV and allows for the extraction of electrons from the MAX I ring operated in the stretcher mode. The first stretched beam was delivered in September 2005. The tagged-photon facility was commissioned in parallel with the commissioning of new experimental equipment. The PAC approved experimental program is current in progress, including measurements of pion photoproduction below the $\Delta(1232)$. The efforts at the tagged photon-facility are pursued within an international collaboration with around fifty members.

关键词 [photonuclear reactions, pion production, compton scattering](#)

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