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Dipole strengths in $^{235}\text{U}(\gamma, \gamma')$ - reaction up to 3.5 MeV *

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The $^{235}\text{U}(\gamma, \gamma')$ reaction was studied at 3.5 MeV endpoint energy of the incident bremsstrahlung spectrum at the superconducting Darmstadt electron linear accelerator S-DALINAC in November 2008. The aim of this experiment was to extend the data from recent experiment with endpoint energy 2.2 MeV [1] and search for the magnetic dipole scissors-mode in an odd-mass actinide.

First results will be presented.

[1] W. Bertozzi et al., Phys. Rev. **C85** (2008) 041601(R).

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