

**EXOSAT MEDIUM ENERGY OBSERVATIONS OF THE BINARY X-RAY
PULSAR SMC X1**

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ABSTRACT. The binary X-ray pulsar SMC X-1 was observed with EXOSAT in 1984. The data of all six observation periods have been through preliminary processing. Some evolution information about SMC X-1, which was obtained from the pulse-timing and spectrum study, is reported in this paper.