

Measurements with ANKE 1998-2004

<i>Reaction</i>	<i># of weeks</i>	<i>Publications</i>	<i>Ph.D. theses (ongoing)</i>	<i>Main result</i>
pA → K⁺X	8	PRL PLB PRC (EPJ)	2	High collectivity @ 1.0 GeV Nuclear potential $\sigma(A, t)$ $\sigma(pn)/\sigma(pp)$ large
pA → K⁺p/d X	3	EPJ	(1)	2-step mechanism & cluster
pp → da₀⁺	5	PRL	2	First evidence for scalar mesons @ COSY
pn → da₀/f₀	3			
pp → ppϕ	4		(1)	
pp → pnπ^+	2	PLB		Calibration, pn spin singlet/triplet ratio small
pd → (pp)n	6	PLB	(2)	Cross section for (pp) singlet
pd → dωp_{sp}	4	EPJ	1(2)	$\sigma(pn \rightarrow d\omega)$ smaller than expected
pd → dηp_{sp}	2		(1)	
dd → $\alpha\eta$	2		(1)	
Θ^+	1			
Total	40			