

# $\Phi$ decay in $pp$ collisions

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ANKE Collaboration at COSY reported the results on  $\phi$ -meson production in proton-proton collisions. One of the interesting results is the  $\phi \rightarrow K^+ K^-$  decay distribution. Since  $\phi$ -meson is a vector particle, its decay to spinless particles can proceed through the deexcitation of the spin projections  $\pm 1$  or  $0$ . I will discuss what we can learn from the decay angular distribution in general and give an interpretation of the ANKE observation.

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