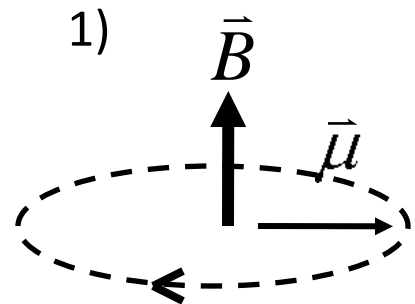
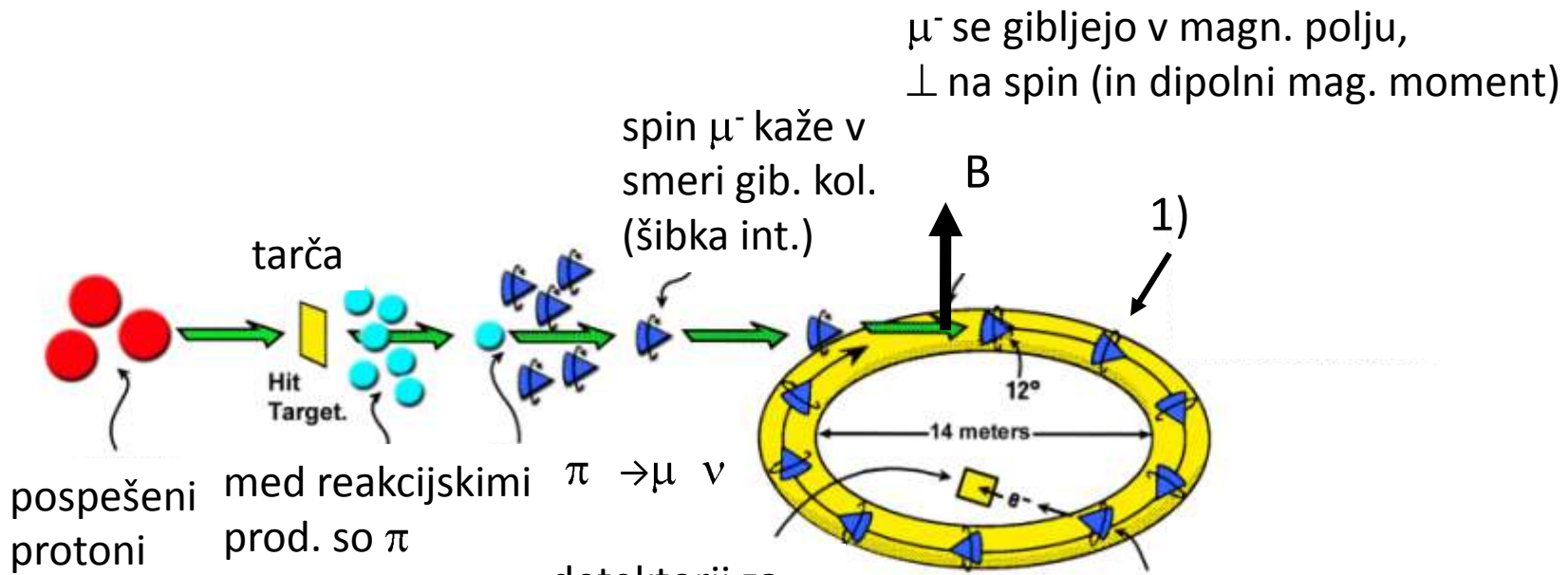


Meritev ("anomalnega") magnetnega momenta mionov

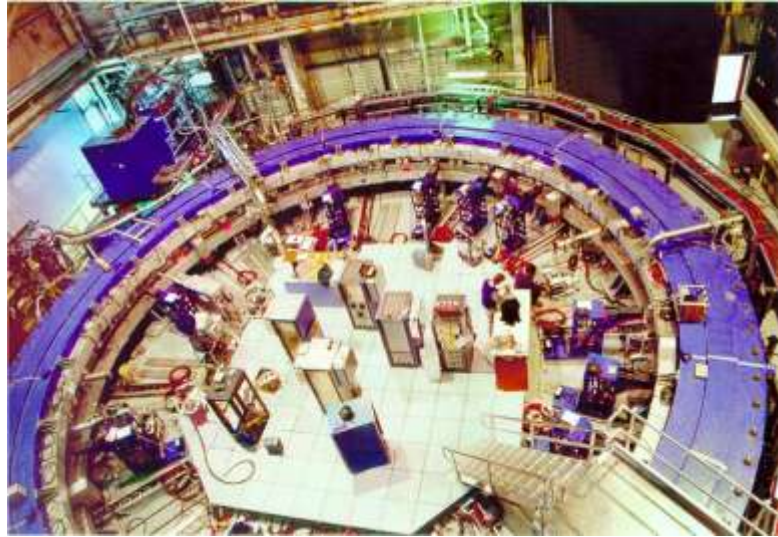


1) dip. magn. moment (spin) precesira okoli smeri zunanjega magn. polja;
 $\omega_p \propto g_s - 2$

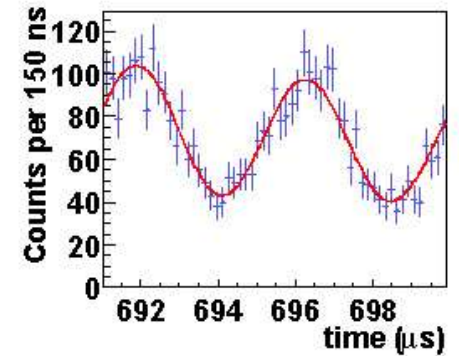
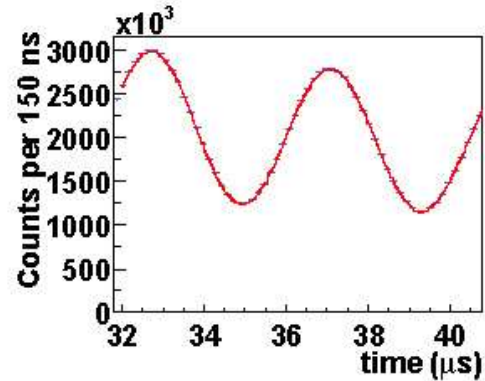
2) pri razpadu $\mu \rightarrow e \nu$ e odletijo pretežno v smeri spina (šibka int.)

št. detektiranih e vzdolž obroča pove povprečno smer μ spina in s tem ω_p

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št. detektiranih e po času t od vbrizga μ



$$(g_s - 2) = 11,659214 \times 10^{-4}$$

$$(1.7 \times 10^{-7})$$

odstopanje od $g_s = 2$ je posledica efektov višjih redov

$(g_s - 2) \times 10^{10} - 11659000$

