Stahlplatte, Lange Achse, 75 Grad 80 140 260 100 120 160 180 200 220 240 4.5 4.5 • 2 phi-dot-dotFit1 Dataset: LongAxis75Deg_2 4 Function: $(x/1000*g*r_z-M_r)/(I_H+x/1000*(r_z)^2)$ (rad/s^2) .5 .5 $Chi^2/doF = 1.2259e-03$ $R^2 = 0.9993$ $I_H = 1.3154e-02 + /- 2.0589e-04$ $\bar{\mathbf{M}}_{\mathbf{r}} = 8.5114 \text{e}-03 + /- 6.2003 \text{e}-04$ 3.5 g = 9.81 (constant) $r_z = 0.0255$ (constant) Winkelbeschleunigung 2.5 1.5 80 T 100 120 140 160 180 200 220 240 260 **Zugmasse (g)**