Stahlplatte, Lange Achse, 30 Grad 80 160 260 100 120 140 180 200 220 240 phi-dot-dotFit1 Dataset: LongAxis30Deg 2 **Function**: $(x/1000*g*r_z-M_r)/(I_H+x/1000*(r_z)^2)$ (rad/s^2) 9 6 Chi^2/doF = 3.6535e-03 $R^2 = 0.9988$ I H = 8.5044e-03 + /- 1.5012e-04 $\mathbf{M} \ \mathbf{r} = 8.1675 \text{e}-03 + /-6.8756 \text{e}-04$ q = 9.81 (constant) 5 r z = 0.0255 (constant) Winkelbeschleunigung **Axis Title** 3 1∟ 80 120 200 260 100 140 160 180 220 240 **Zugmasse (g)**