Stahlplatte, Lange Achse, 60 Grad 80 100 120 140 160 180 200 220 240 260 4.5 4.5 phi-dot-dotFit1 Dataset: LongAxis60Deg 2 4 (rad/s^2) **Function**: $(x/1000*g*r_z-M_r)/(I_H+x/1000*(r_z)^2)$ **Chi^2/doF** = 5.8489e-03 $R^2 = 0.9962$ I H = 1.1962e-02 +/- 3.7176e-043.5 $\mathbf{M} \ \mathbf{r} = 9.2364 \text{e} - 03 + / - 1.1856 \text{e} - 03$ g = 9.81 (constant) r z = 0.0255 (constant) Winkelbeschleunigung 3 2.5 2 1.5

1 80

100

120

140

160

180

Zugmasse (g)

200

220

240

260