Winkelbeschleunigung, Stahlplatte, mittlere Achse 80 260 100 120 140 160 180 200 240 220 4.5 4.5 • 2 phi-dot-dotFit1 **Dataset**: MediumAxis0deg\_2 4 Function:  $(x/1000*g*r_z-M_r)/(I_H+x/1000*(r_z)^2)$ Chi^2/doF = 7.3473e-04  $R^2 = 0.9995$ **I\_H** = 1.2851e-02 +/- 1.5191e-04 3.5  $\overline{\mathbf{M}}_{\mathbf{r}} = 6.1557e-03 + /- 4.8565e-04$ g = 9.81 (constant)  $r_z = 0.0255$  (constant) 2.5 1.5 08 220 260 100 120 140 160 180 200 240 **Zugmasse (g)**