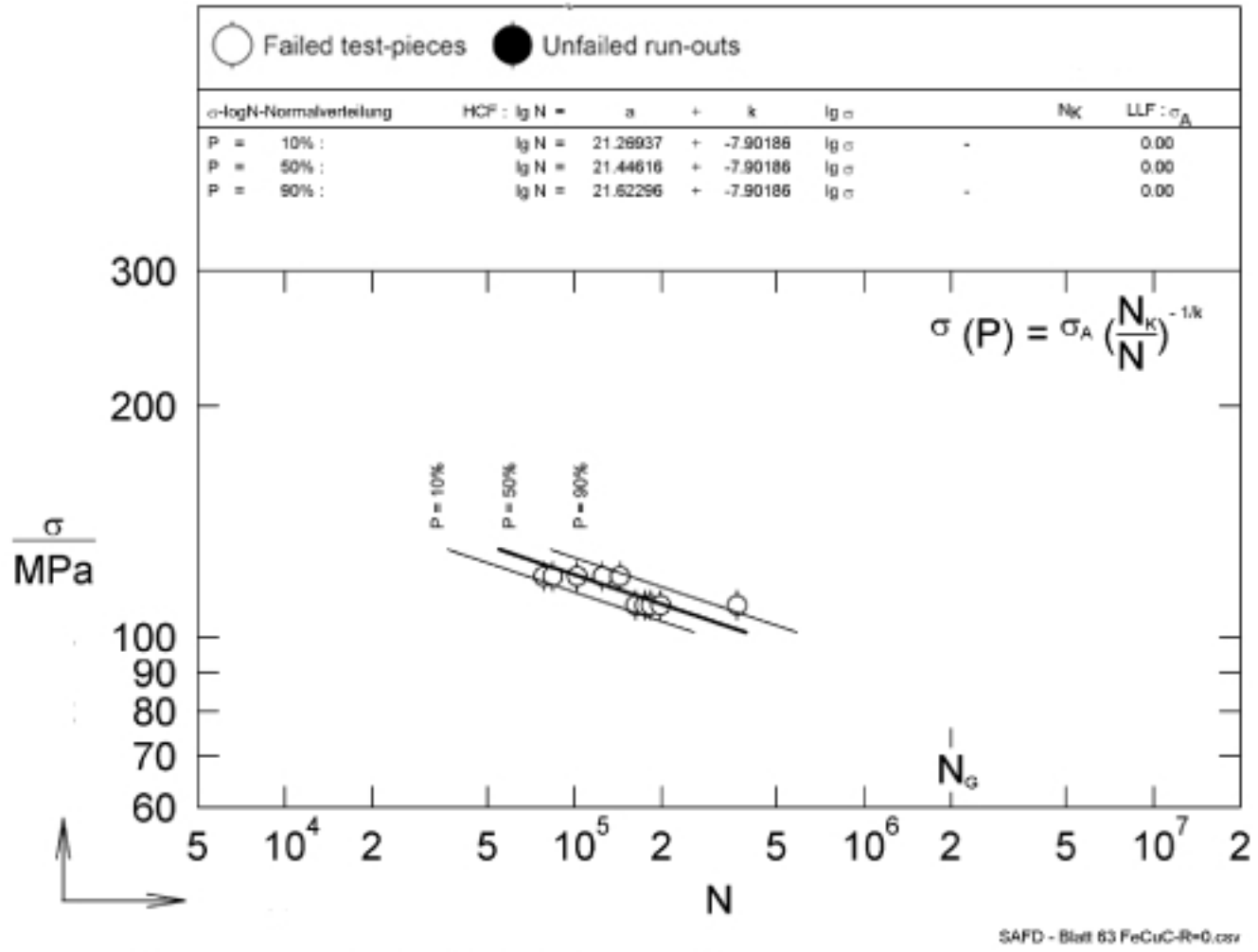

Material:	Fe-1.5 % Cu-0.6 % C; iron: water atomised
	carbon: not specified; sintering: 1120 °C, 30 min, 70 % N_2 + 30 % H_2
	heat treatment: -
	density: 6.60 g/cm^3
	mech. properties: H = 106 HV10; $R_{p0.2}$ = 263 MPa; R_m = 336 MF
Specimen:	smooth, K_t = 1.0; ISO 3928; surface as sintered
Loading mode:	plane bending, R = 0; 25 Hz
Limiting no. of cycles:	$2 \cdot 10^6$
Endurance limit:	84 MPa (extrapolated)
Referene:	C.M. Sonsino: Ermittlung anwendungsrelevanter Kenngrößen für Sintermetalle. LBF-Report No. FB-158: Fraunhofer-Institut für Betriebsfestigkeit, Darmstadt, 1981

Stress amplitude	110	120	MPa
Cycles to failure:	162,544	78,338	· 1000
	174,973	84,328	
	183,219	102,087	
	198,139	125,017	
	365,570	143,870	