Fig. 2. The magnetic part of the resistance of Y 1 at.% Ce
at various pressures and some fitted curves (solid lines)
calculated from Hamann's equation.

application of pressure shifts the Kondo anomaly rather drastically to higher tem-
peratures. One notes that for zero pressure the resistance anomaly is rather well
described by Hamann's function for $\rho_m(T)$ over two decades of temperature (solid
lines). The smaller dots represent zero-pressure data, which were obtained after
removal of pressure from 25.3 kbar. With increasing pressure a deviation from the
Hamann-type behavior starts to develop above 30°K, which may be due to a deviation
from Matthiessen's rule, as suggested by Loram *et al.* for *Cu*Fe, *Au*Fe, and *CuAu*Fe
alloys.[11] Hamann fits for higher pressures were thus obtained from the curvature of
the data between 8 and 30°K. The fit parameters are given in Table I. While the
magnitude of the anomaly $\rho_m(0)$ stays close to 8 mΩ (2.3 $\mu\Omega$cm) up to 30 kbar, the
Kondo temperature rises to approximately 110°K.

In conclusion, a monotonic shift of T_K, but no magnetic transition, was observed.
The results strongly support our earlier results on *La*Ce.

Table I

p, kbar	T_K, °K	S	$\rho_m(0)$, $\mu\Omega$-cm
0	17 ± 0.3	0.11	2.26
5.8	21 ± 1	0.14	2.44
10.8	31 ± 1	0.16	2.46
15.8	40 ± 2	0.20	2.46
20.7	60 ± 3	0.25	2.44
25.3	80 ± 5	0.20	2.55
0	17 ± 0.5	0.11	2.26
30	110 ± 15	0.20	2.32
40	(140 ± 40)	(0.20)	2.32

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