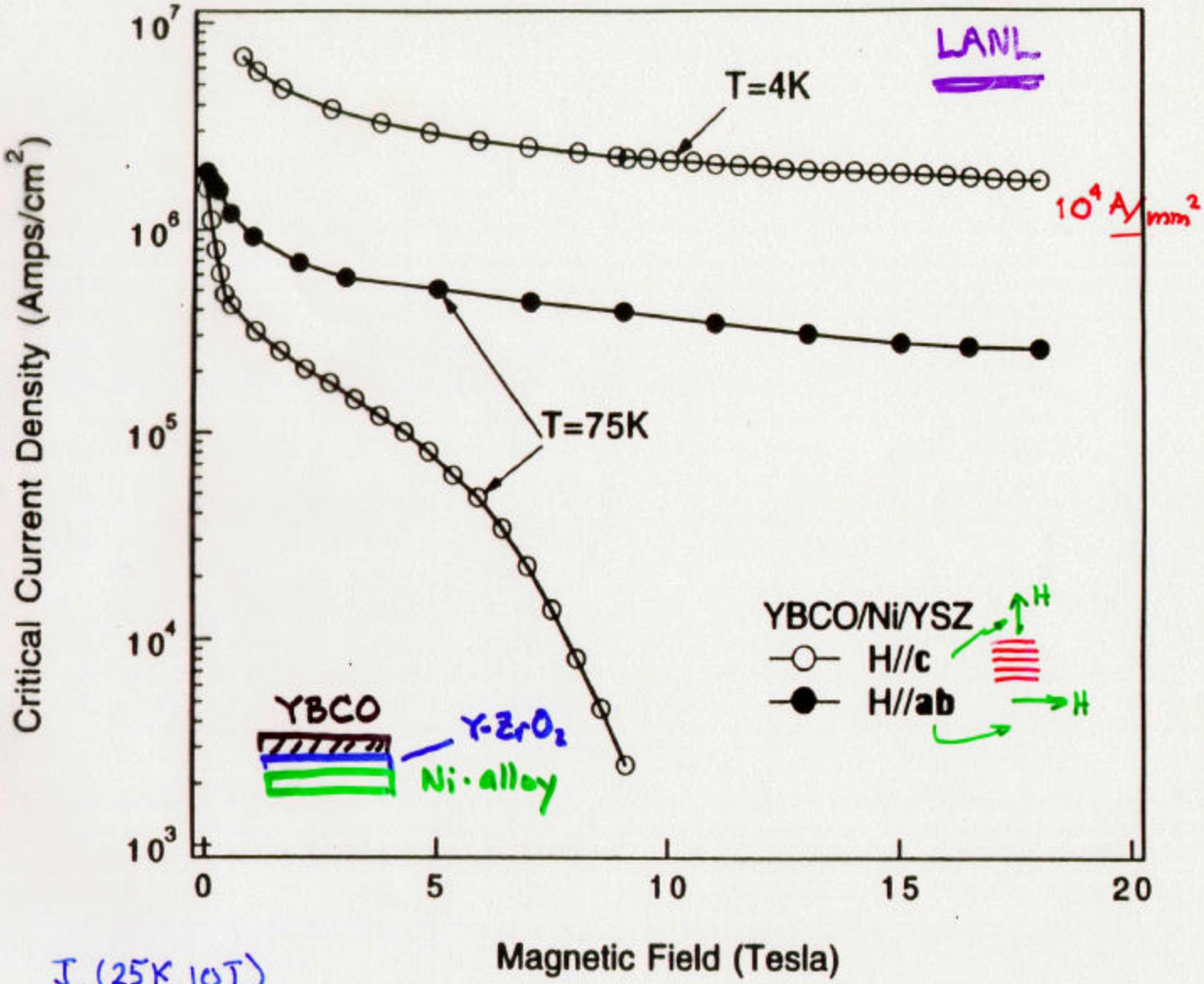
VLHC Magnet Workshop

HTS Status
Brookhaven National Laboratory

Mas Suenaga
November 16, 1998

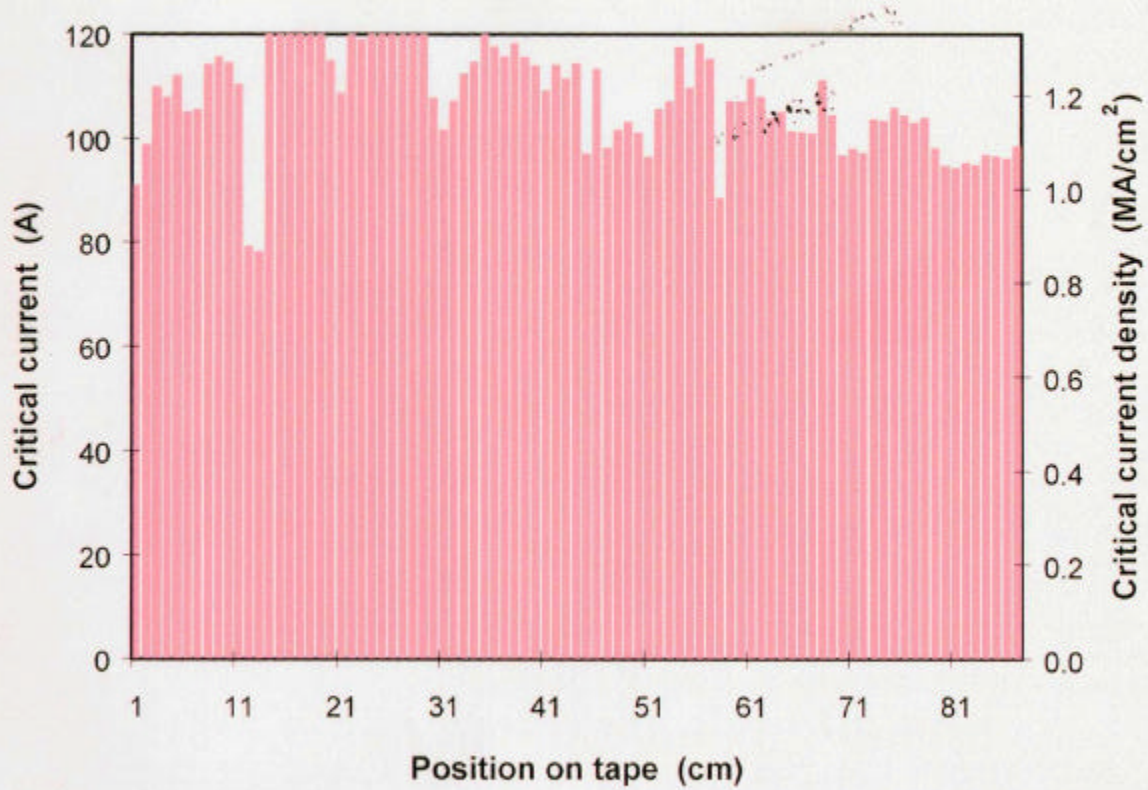


$J_c(25K, 10T)$

$\simeq (\frac{1}{2} \sim \frac{1}{3}) J_c(4K, 10T) \sim J_c(77K, 0T)$

Sept 98

YBCO/IBAD coated conductor with an end-to-end I_c of 96 A at 75 K, self field



Bi 2223/Ag

Steve Bray & Jack Ekin
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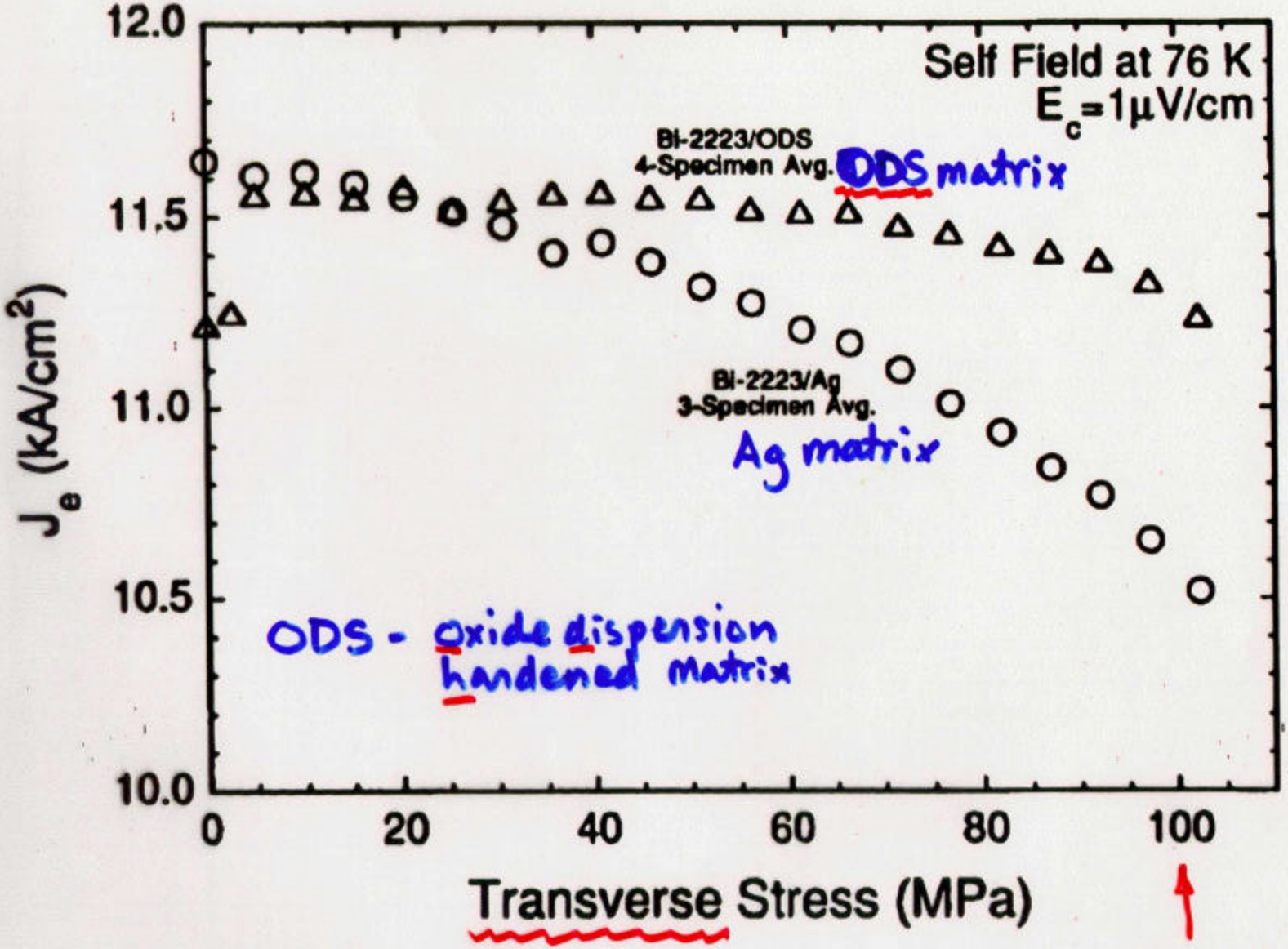
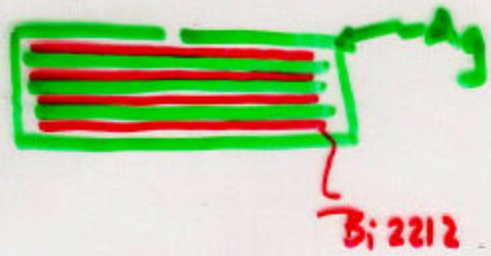


Bi(2212)/Ag



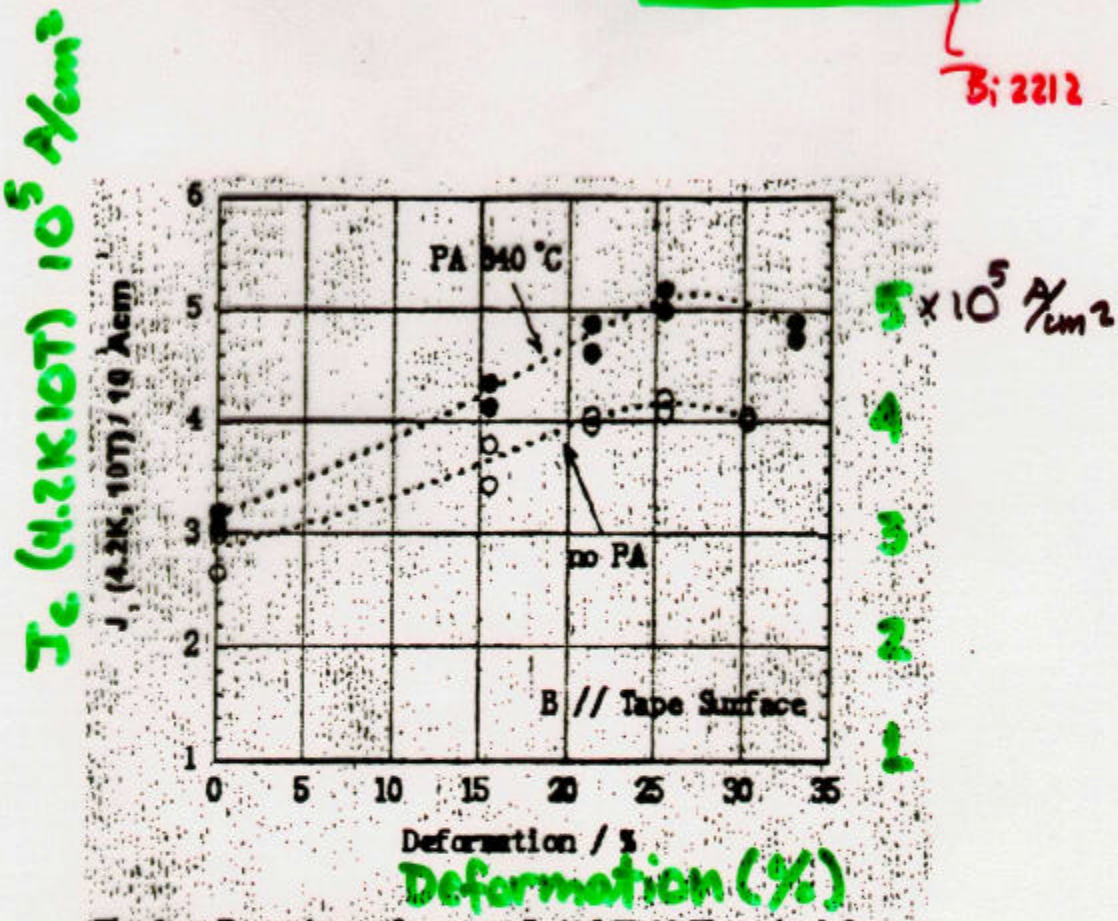


Fig. 6 Dependence of transport Je (4.2 K, 10 T) on the deformation for the tape #BW. The open circles denote samples without pre-annealing process, and the solid circles indicate samples with pre-annealing process at 840oC for 1h.

H. Miao, et al. NRIM

T. Hasegawa ... Showa Electric Wire & Cable, Co.