TITLE: this is an example of moderated mediation with a plot of the indirect effect
DATA: FILE = ex3.18.dat;
VARIABLE: NAMES = y m x z;
   USEVARIABLES = y m x z xz;
DEFINE: xz = x*z;
ANALYSIS:
MODEL: y ON m (b)
   z;
   m ON x (gamma1)
   xz (gamma2)
   z;
MODEL CONSTRAINT:
   LOOP(mod,-2,2,0.1);
   PLOT(indirect);
   indirect = b*(gamma1+gamma2*mod);
PLOT: TYPE = PLOT2;