

ures on crystalline barium  
ts a similar behavior with

ree of pressurization and  
% intermediate pressures  
0,000 psi and atmospheric  
as low as 14,000 psi give  
at atmospheric pressure.  
0 psi represented in Figure  
r in the later stages of the  
becomes increasingly sepa-  
perature range 19–80°C.,  
tive activation energy both  
polymerizations, while the  
d the crystalline dihydrate  
°C. in the absence of pres-

ylate yield is increased by  
perature. The increased  
essure and 100°C. may be  
hange above 80°C.  
e at 80 and 100°C. do not  
esponding yields at room

n the course of the reaction  
density differences for the  
s might be expected to re-  
ng fraction and magnitude  
od of a propagating chain.  
e polymer produced from  
user than the monomer, the  
le. If this is the case, then  
etorily explain our pressure  
rylamide contradicts those  
% volume reduction during  
ecessary to repeat our work  
r determinations are carried  
ll evaluation of our experi-  
al analysis of the polymers  
e and temperature, but the  
ear in general terms to be

assistance of Mr. N. E. Sander-  
al work.

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