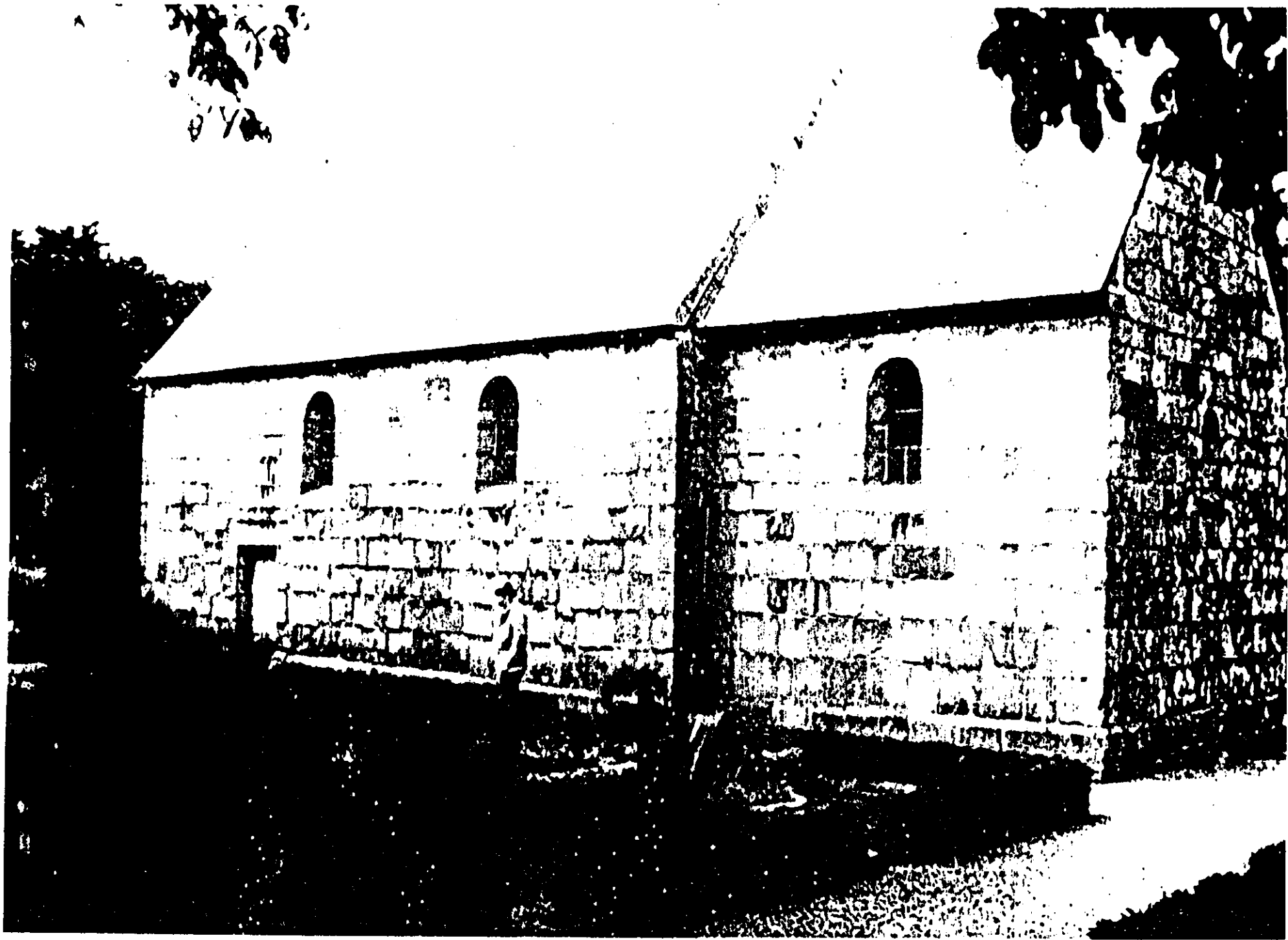
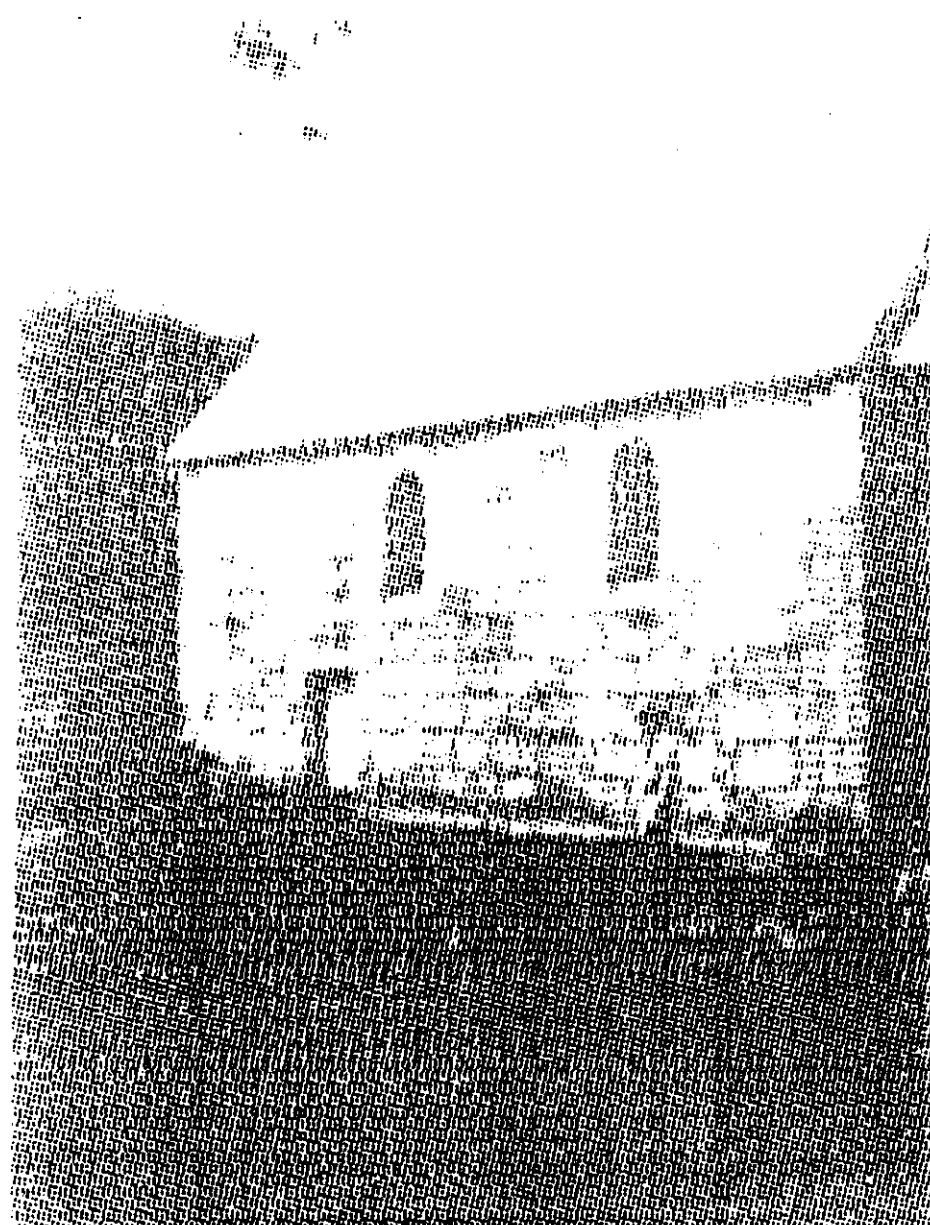


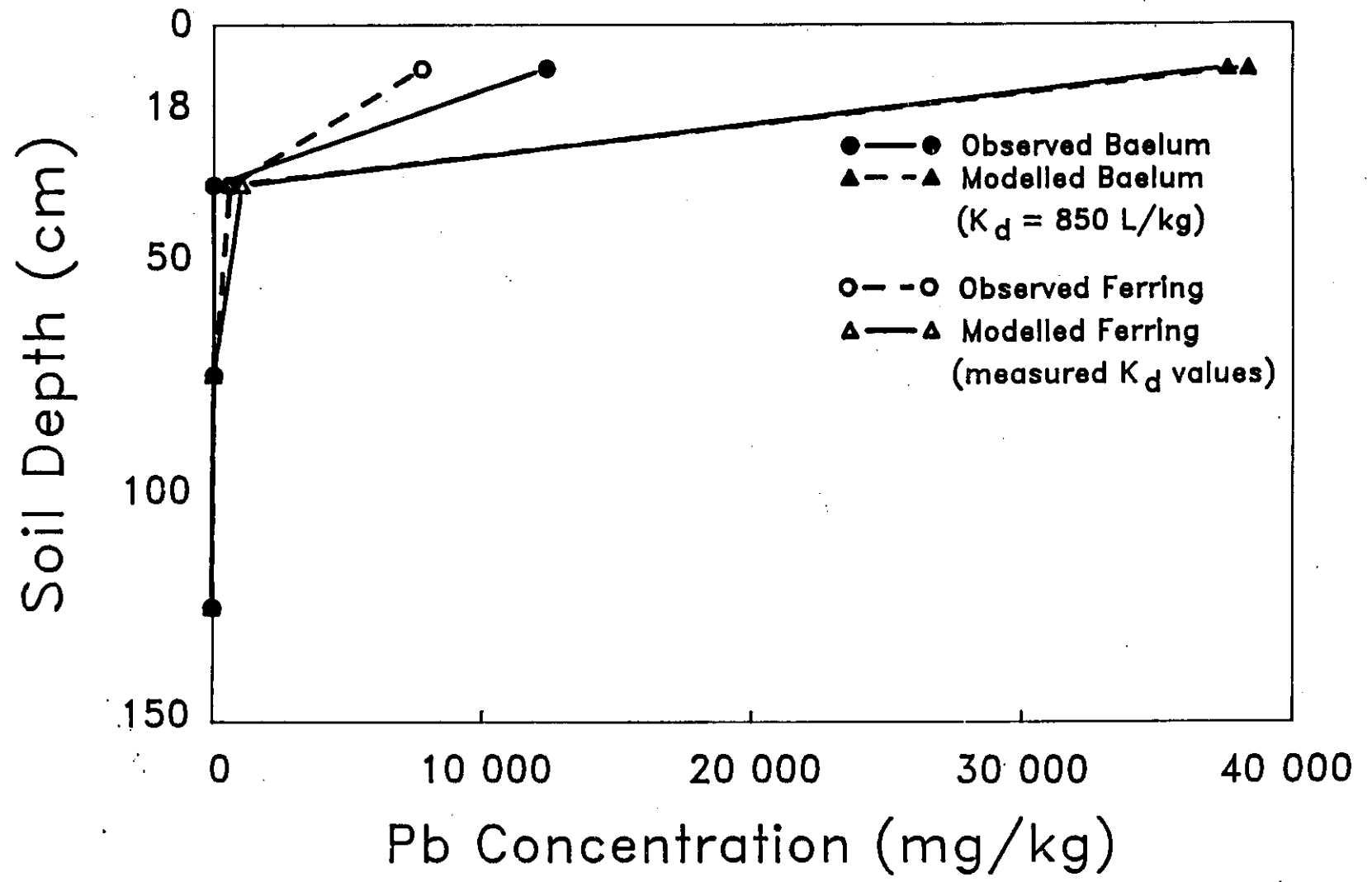
**RADIONUCLIDE
MIGRATION
IN SOILS**

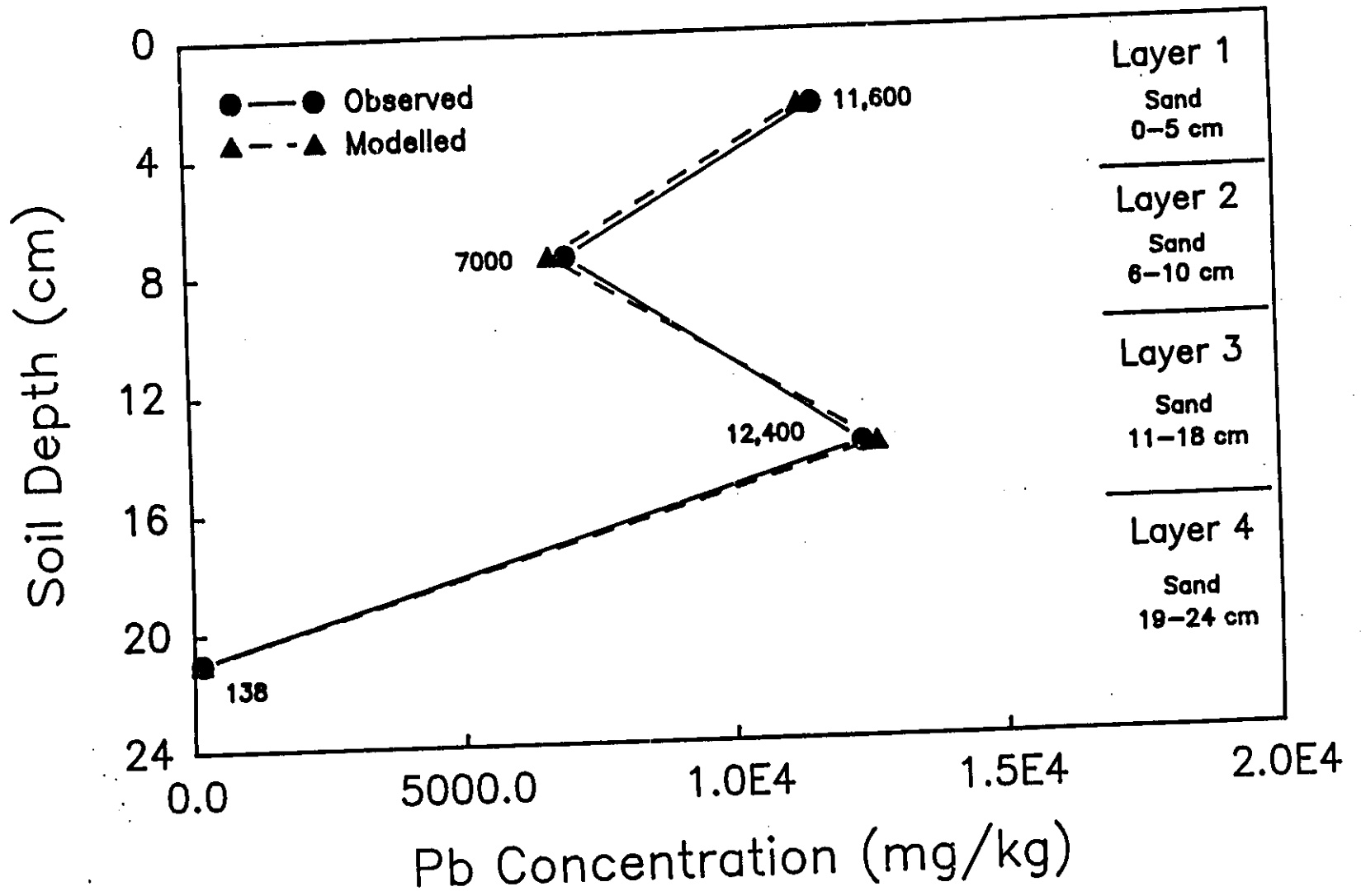
LEAD CHURCH ROOFS





Depth cm		Pb mg/kg
0	added material	800
10		700
20		2400
30	A horizon clay	138
40		grey brown
50		37
60	B horizon	3
70	clay	
80	yellow brown	
90		
100		
110		
120		
130		
140		
150		
160		
165		





CONCLUSIONS

LEAD CHURCH ROOF

- Unique 800-year test of Pb migration and accumulation in soil. Use Pb as analog to radionuclide(s).
- Contaminant transport model was successfully tested to reproduce Pb accumulation over an 800-year period.



