



Figure 11

Decay of low energy electromagnetic radiations in the americium fraction from deuteron bombarded  $\text{Pu}^{239}$ . Data was obtained as the difference between the amount of activity passing through a  $1500 \text{ mr.cm.}^{-2}$  beryllium filter and that passing through a combination of  $1500 \text{ mr.cm.}^{-2}$  beryllium and  $160 \text{ mr.cm.}^{-2}$  lead filters. Counting geometry - 10 percent.

- A - Observed decay.
- B - 50 hour component.
- C - 12 hour component.