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Fig. 1

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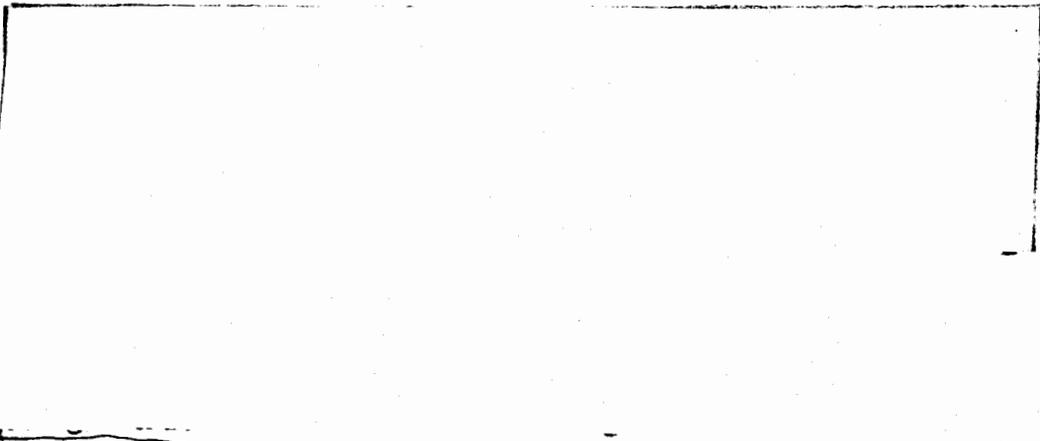
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3.8 Efficiency of burning.

Among the radiochemical detectors proposed are



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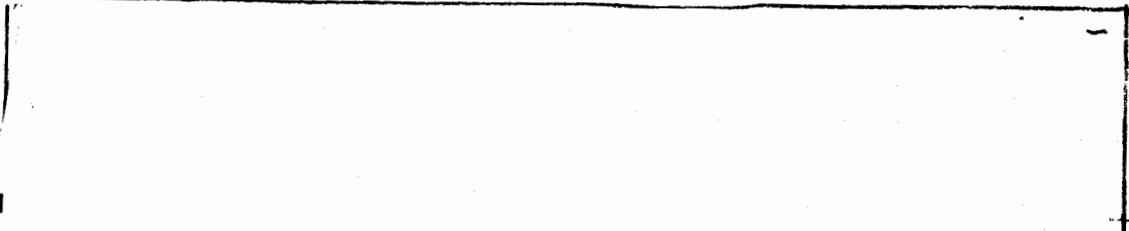
It was agreed that determination of these quantities was worth considerable effort.

3.9



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3.10 Rate of rise of the reaction.



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A good spatial and time resolution (~ 1 shake) can be obtained by looking at the 14 mev neutrons.



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There was considerable debate on whether to accept distant observations of gammas with a 3-4 shake time resolution or ask for close-in observation of 14 mev neutrons with 1 shake time resolution. The latter would require heavy shielding and good

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discrimination at a cost, estimated by Ogle, of about 4 megabucks. No general agreement was reached in respect to whether the Group would be satisfied with a rough picture of the sequence of events or require the finer detail.

The scintillator device suggested by Reines (3.5) might have some possibilities here and is being investigated.

R. W. Goranson

R. W. Goranson

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