

The Delayed Neutron Yield of  $^{238}\text{U}$  and  $^{241}\text{Pu}$  \*

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ABSTRACT

The total delayed neutron yield for  $^{238}\text{U}$  and  $^{241}\text{Pu}$  were observed as a function of the incident neutron energy. The measurements extend from 2.5 to 5 MeV for  $^{238}\text{U}$  and from 0.15 to 5 MeV for  $^{241}\text{Pu}$ . The average ratio of the  $^{241}\text{Pu}$  delayed neutron yield to that of  $^{238}\text{U}$  is  $0.292 \pm .022$ .

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