

Philip Morrison

(1904 - 1967)

Ph.D. California 1940 ^{1,2}

Dissertation: Three problems in atomic electrodynamics: A. internal conversion of gamma-rays of arbitrary multipole order. B. internal scattering of gamma-rays. C. energy fluctuations in the electromagnetic field.¹

Advisor: Julius Robert Oppenheimer ^{1,2}

Students: Robert Lee Walker ^{3,4}

Notes:

¹ Morrison, P. Three problems in atomic electrodynamics: A. internal conversion of gamma-rays of arbitrary multipole order. B. internal scattering of gamma-rays. C. energy fluctuations in the electromagnetic field. Ph.D. Thesis, University of California, Berkeley, 1940.

Committee in charge:

J. Robert Oppenheimer, chair

Gilbert Newton Lewis

William Howell Williams

Victor Fritz Lenzen

Glenn Theodore Seaborg

² Email communication with P Morrison (25 Sep 2001).

“My Ph.D, advisor was J.R. Oppenheimer at UC Berkeley, , whose degree was at Gottingen with Max Born. Born's degree was taken at Gottingen also...”

He didn't confirm or deny being Walker's advisor but rather said who his advisor was.

³ Walker, R.L. *Gamma ray spectrometer measurements of fluorine and lithium under proton bombardment*. Ph.D. Thesis, Cornell University, June 1948.

“The author wishes to express his appreciation to Professors B.D. McDaniel, P. Morrison, and H.A. Bethe for their personal direction of this work.”

⁴ Email communication with Debra Hatfield, Cornell Physics Dept. (25 Sep 2001).

Philip Morrison was the Advisor