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 $^{208}\text{Pb}(^{17}\text{O}, ^{17}\text{O}'\gamma), (^{17}\text{O}, ^{17}\text{O}'\text{n}\gamma)$ 

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<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	M. J. Martin	NDS 108,1583 (2007)	1-Jun-2007

[1988Be15](#) see [1989Be06](#).

[1989Be06](#) E=381 MeV.

[1989Br03](#) E=378 MeV. Studied neutron decay to states In  $^{207}\text{Pb}$ .

[1989Be06](#) determined the branching to low-lying states from the giant resonance region 9.5 to 11.5 MeV. Relative to 1.0 for the branch to the g.s., the authors obtain branchings of 0.04  $4^-$ , 0.02  $+5^-2^-$ , 1.8  $5^-$ , and 1.15  $50^-$  to the 2615,  $3^-$ ; 4086,  $2^+$ ; 4974,  $3^-$  levels, and to  $1^-$  states In the region 5-7 MeV, respectively.

[1989Br03](#) studied  $^{17}\text{O}'\text{n}\gamma$  coincidences and determined the feeding of the  $^{207}\text{Pb}$  hole states As a function of excitation energy In the region of 9-15 MeV. Population of the  $i_{13/2}$  hole state requires L=6 strength, and In particular, population of the  $g_{9/2}$  state from the region below 12 MeV excitation requires L=4 strength.