Table 2 from (2017KE05): Some electromagnetic transitions in $A = 12$

Nucleus	$E_{\rm xi} \to E_{\rm xf}$ (MeV)	$J^\pi_{\rm i} \to J^\pi_{\rm f}$	Γ_γ (eV)	Mult.	$\Gamma_\gamma/\Gamma_{\rm W}$ (W.u.)
^{12}Be	$2.109 \to 0$	$2^+ \to 0^+$	$(2.637 \pm 0.808) \times 10^{-4}$	E2	4.7 ± 1.4
	$2.251 \to 0$	$0^+ \to 0^+$	$(1.520 \pm 0.096) \times 10^{-9}$	E0	e^++e^--decay
	$\to 2.109$	$\to 2^+$	$(3.269 \pm 0.341) \times 10^{-10}$	E2	4.21 ± 0.44
	$2.715 \to 0$	$1^- \to 0^+$	0.035 ± 0.009 [a]	E1	0.0049 ± 0.0013
^{12}B	$0.953 \to 0$	$2^+ \to 1^+$	$(2.515 \pm 0.387) \times 10^{-3}$	M1	0.138 ± 0.021
^{12}C	$4.440 \to 0$	$2^+ \to 0^+$	$(1.08 \pm 0.06) \times 10^{-2}$	E2	4.66 ± 0.26
	$7.654 \to 4.440$	$0^+ \to 2^+$	$(3.81 \pm 0.39) \times 10^{-3}$	E2	8.26 ± 0.85
	$9.641 \to 0$	$3^- \to 0^+$	$(3.1 \pm 0.4) \times 10^{-4}$	E3	12.1 ± 1.6
	$12.710 \to 0$	$1^+ \to 0^+$	0.35 ± 0.05	M1	$(8.1 \pm 1.2) \times 10^{-3}$
	$\to 4.440$	$\to 2^+$	0.053 ± 0.010	M1	$(4.5 \pm 0.8) \times 10^{-3}$
	$15.110 \to 0$	$1^+ \to 0^+$	38.5 ± 0.8	M1	0.533 ± 0.011
	$\to 4.440$	$\to 2^+$	0.96 ± 0.13	M1	$(3.8 \pm 0.5) \times 10^{-2}$
	$\to 7.654$	$\to 0^+$	1.09 ± 0.30	M1	0.125 ± 0.035
	$\to 10.300$	$\to 0^+$	1.60 ± 0.67	M1	0.69 ± 0.29
	$\to 12.710$	$\to 1^+$	0.59 ± 0.17	M1	2.0 ± 0.6
	$16.106 \to 0$	$2^+ \to 0^+$	0.59 ± 0.11	E2	0.41 ± 0.08
	$\to 4.440$	$\to 2^+$	12.8 ± 1.5	M1	0.385 ± 0.045
	$\to 9.641$	$\to 3^-$	0.31 ± 0.06	E1	$(3.2 \pm 0.6) \times 10^{-3}$
	$\to 10.847$	$\to 1^-$	0.48 ± 0.12	E1	$(9.3 \pm 2.3) \times 10^{-3}$
	$\to 12.710$	$\to 1^+$	0.19 ± 0.04	M1	0.231 ± 0.049
	$16.620 \to 0$	$2^- \to 0^+$	0.048 ± 0.008	M2	0.48 ± 0.08
	$\to 4.440$	$\to 2^+$	8.0	E1	1.244×10^{-2}

[a] Using $\tau_{\rm m} = 1.9 \pm 0.5$ fs from the B(E1) given in (2000IW03).