







TABLE I
 (α,n) Target Isotopes Available in SOURCES 4C.

Isotope	ZAID	Level Branching Fraction Data Source ^a and Energy Limit ^b (MeV)	Cross Section Data Source and Energy Limit (MeV)	
Li-7	030070	GNASH	6.5	Gibbons and Macklin ⁸ 8.2
Be-9	040090	Geiger and Van der Zwan ⁹	7.9	Geiger and Van der Zwan ⁹ 7.9
B-10	050100	GNASH	12	Bair <i>et al.</i> ¹⁰ 7.5
B-11	050110	GNASH	12	Bair <i>et al.</i> ¹⁰ 7.5
C-13	060130	GNASH	6.5	Bair and Haas ¹¹ 6.5
N-14	070140	N/A ^c	-	GNASH 6.5
O-17	080170	Lesser and Schenter ¹²	6.5	Perry and Wilson ¹ 10.5
O-18	080180	Lesser and Schenter ¹²	6.5	Perry and Wilson ¹ 11.5
F-19	090190	Lesser and Schenter ¹²	6.0	Norman <i>et al.</i> ¹³ 9.9
Ne-21	100210	N/A ^c	-	GNASH 6.5
Ne-22	100220	N/A ^c	-	GNASH 6.5
Na-23	110230	GNASH	6.5	GNASH ^a 9.9
Mg-25	120250	GNASH	6.5	GNASH 6.5
Mg-26	120260	GNASH	6.5	GNASH 6.5
Al-27	130270	GNASH	6.5	GNASH ^a 11
Si-29	140290	GNASH	6.5	GNASH ^a 6.8
Si-30	140300	GNASH	6.5	GNASH ^a 6.5
P-31	150310	GNASH	6.5	GNASH 6.5
Cl-37	170370	GNASH	6.5	Woosley <i>et al.</i> ¹⁴ 9.7