

$^{17}\text{F}(p,\gamma)^{18}\text{Ne}$
 $^{23}\text{Al}(p,\gamma)^{24}\text{Si}$
 $^{26\text{g}}\text{Al}(p,\gamma)^{27}\text{Si}$
 $^{27}\text{P}(p,\gamma)^{28}\text{S}$
 $^{31}\text{Cl}(p,\gamma)^{32}\text{Ar}$
 $^{35}\text{Cl}(p,\gamma)^{36}\text{Ar}$
 $^{35}\text{K}(p,\gamma)^{36}\text{Ca}$
 $^{40}\text{Sc}(p,\gamma)^{41}\text{Ti}$
 $^{45}\text{V}(p,\gamma)^{46}\text{Cr}$
 $^{48}\text{Cr}(p,\gamma)^{49}\text{Mn}$
 $^{51}\text{Mn}(p,\gamma)^{52}\text{Fe}$
 $^{52}\text{Fe}(p,\gamma)^{53}\text{Co}$
 $^{53}\text{Fe}(p,\gamma)^{54}\text{Co}$
 $^{56}\text{Ni}(p,\gamma)^{57}\text{Cu}$
 $^{56}\text{Ni}(p,\gamma)^{57}\text{Cu}$
 $^{57}\text{Cu}(p,\gamma)^{58}\text{Zn}$
 $^{59}\text{Cu}(p,\gamma)^{60}\text{Zn}$
 $^{61}\text{Zn}(p,\gamma)^{62}\text{Ga}$
 $^{61}\text{Ga}(p,\gamma)^{62}\text{Ge}$
 $^{63}\text{Ga}(p,\gamma)^{64}\text{Ge}$
 $^{65}\text{Ge}(p,\gamma)^{66}\text{As}$
 $^{65}\text{As}(p,\gamma)^{66}\text{Se}$
 $^{66}\text{Ge}(p,\gamma)^{67}\text{As}$
 $^{67}\text{As}(p,\gamma)^{68}\text{Se}$
 $^{69}\text{Se}(p,\gamma)^{70}\text{Br}$
 $^{69}\text{Br}(p,\gamma)^{70}\text{Kr}$
 $^{71}\text{Br}(p,\gamma)^{72}\text{Kr}$
 $^{75}\text{Rb}(p,\gamma)^{76}\text{Sr}$
 $^{82}\text{Zr}(p,\gamma)^{83}\text{Nb}$
 $^{84}\text{Zr}(p,\gamma)^{85}\text{Nb}$
 $^{84}\text{Nb}(p,\gamma)^{85}\text{Mo}$
 $^{85}\text{Mo}(p,\gamma)^{86}\text{Tc}$
 $^{86}\text{Mo}(p,\gamma)^{87}\text{Tc}$
 $^{87}\text{Mo}(p,\gamma)^{88}\text{Tc}$
 $^{92}\text{Ru}(p,\gamma)^{93}\text{Rh}$
 $^{93}\text{Rh}(p,\gamma)^{94}\text{Pd}$
 $^{96}\text{Ag}(p,\gamma)^{97}\text{Cd}$
 $^{102}\text{In}(p,\gamma)^{103}\text{Sn}$
 $^{103}\text{In}(p,\gamma)^{104}\text{Sn}$

$^{14}\text{O}(\alpha,p)^{17}\text{F}$
 $^{17}\text{F}(\alpha,p)^{20}\text{Ne}$
 $^{18}\text{Ne}(\alpha,p)^{21}\text{Na}$
 $^{22}\text{Mg}(\alpha,p)^{25}\text{Al}$
 $^{23}\text{Mg}(\alpha,p)^{25}\text{Al}$
 $^{24}\text{Mg}(\alpha,p)^{27}\text{Al}$
 $^{25}\text{Si}(\alpha,p)^{28}\text{P}$
 $^{25}\text{Si}(\alpha,p)^{28}\text{P}$
 $^{26\text{g}}\text{Al}(\alpha,p)^{27}\text{Si}$
 $^{26}\text{Si}(\alpha,p)^{29}\text{P}$
 $^{28}\text{S}(\alpha,p)^{31}\text{Cl}$
 $^{29}\text{S}(\alpha,p)^{32}\text{Cl}$
 $^{30}\text{S}(\alpha,p)^{33}\text{Cl}$
 $^{32}\text{S}(\alpha,p)^{35}\text{Cl}$
 $^{34}\text{Ar}(\alpha,p)^{37}\text{K}$
 $^{56}\text{Ni}(\alpha,p)^{59}\text{Cu}$
 $^{60}\text{Zn}(\alpha,p)^{63}\text{Ga}$
 $^{103}\text{Sn}(\alpha,p)^{106}\text{Sb}$

$^{12}\text{C}(\alpha,\gamma)^{16}\text{O}$
 $^{15}\text{O}(\alpha,\gamma)^{19}\text{Ne}$
 $^{24}\text{Mg}(\alpha,\gamma)^{28}\text{Si}$
 $^{32}\text{S}(\alpha,\gamma)^{36}\text{Ar}$

$^{19}\text{F}(p,\alpha)^{16}\text{O}$

Reaction list compiled from:

M. Amthor, PhD Thesis, Michigan State University (2008)

R. Cyburt, A. M Amthor, A. Heger, E. Johnson, L. Keek, Z. Meisel,
H. Schatz, and K. Smith, submitted (2016)

A. Parikh, J. Jose, F. Moreno, and C. Iliadis, ApJ. SS. **178**, 110 (2008).

