5.05 - Principles of Inorganic Chemistry III - Spring 2005Professor Christopher Cummins, Copyright 2005.MIT Department of Chemistry

Allotropes of	J
N2	
controlling facto	r: Bond Energies (KJ/mol)
# Propellants	Single 140
A Explosives	double 418
& High Energy Den	isity triple 954
N ₅ ® N ₂	$F_2 + SbF_5 \rightarrow N_2F \oplus SbF_6 \ominus$
N5 N2 N3	
	frozer light HN3 HF + N=
N3 (1)	frozen lig HF HN3
	frozer lig HF HN3 HF + N5 0







