







Lecture 9 CH102 A2 (MWF 11:15 am) Spring 2018	Copyright © 2018 Dan Dill dan@bu.edu
Distribution of molecular	speeds
The resulting distribution, known as the distribution.	Maxwell-Boltzmann (MB)
For a given $u_{rms}$ it is always the same.	Maxwell–Boltzmann speed distribution
CDF https://goo.gl/gzgjQE	r <sub>b</sub> x = = = = = = = = = = = = = = = =
	Gapper 2 219 fair bit dogtes and (Department of Owning), Iteme Linearchy Feastland
	M, = 32 gimel, T, = 300 K ms, = 484 m/s M; = 2 gimel, T; = 1200 K ms, = 3869 ms
BOSTON UNIVERSITY	0 1000 2000 3000 4000 5000 <sup>mv</sup> 12





