Gas		Z	A	Density ρ (N.T.P.) (g/l)	Mean excitation energy I (eV)	$(dE/dx)_{min}/\rho$ (MeV/g cm^{-2})
Hydrogen	H_2	2	2.016	0.090	19.2	4.11
Helium	He	2	4.003	0.178	41.8	1.94
Neon	Ne	10	20.18	0.90	137	1.73
Argon	Ar	18	39.95	1.78	188	1.52
Krypton	Kr	36	83.8	3.74	352	1.36
Xenon	Xe	54	131.3	5.89	482	1.26
Oxygen	O_2	16	32.00	1.43	95	1.81
Nitrogen	N_2	14	28.01	1.25	82	1.83
Methane	CH_4	10	16.04	0.72	41.7	2.43
Ethane	C_2H_6	18	30.07	1.25	45.4	2.31
Propane	C_3H_8	26	44.11	1.88	47.1	2.27
Isobutane	C_4H_{10}	34	58.12	2.67	48.3	2.25
Ethylene	C_2H_4	20	28.05	1.18	51	2.73
Carbon dioxide	CO_2	22	44.00	1.98	85	1.83