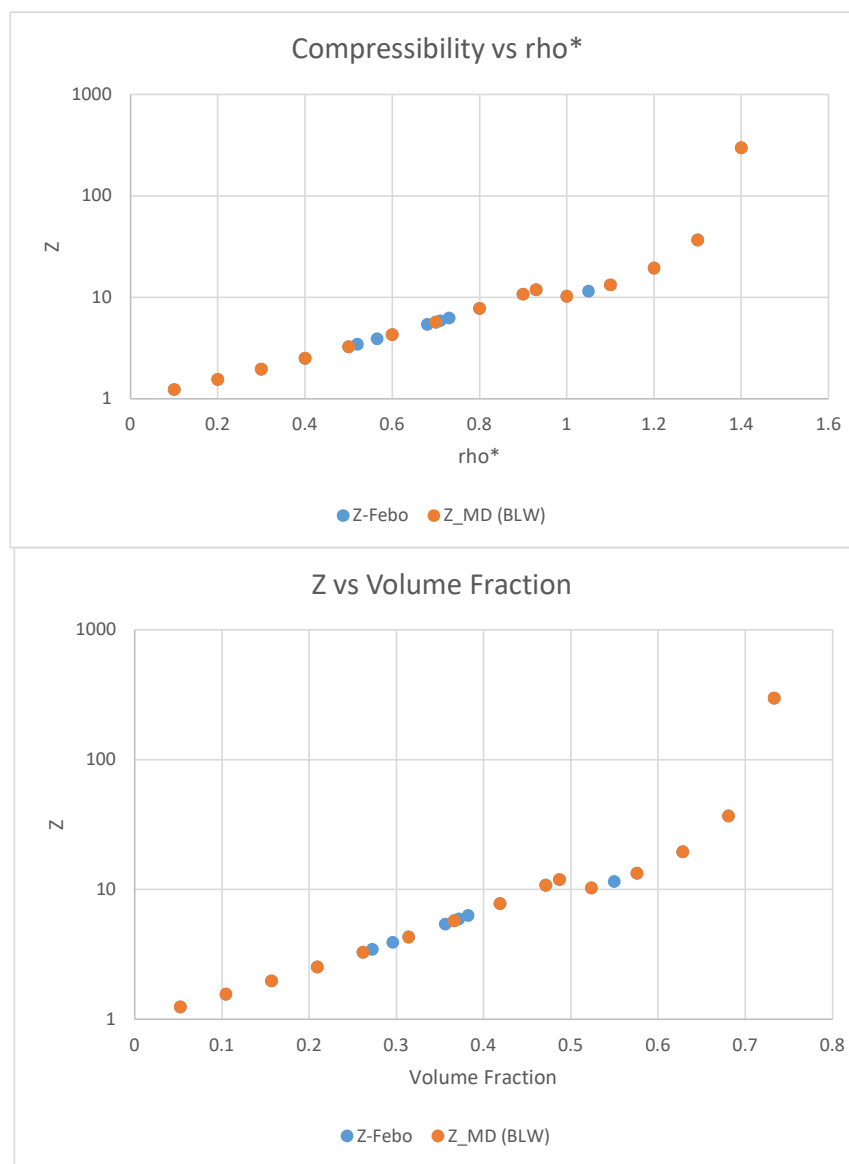
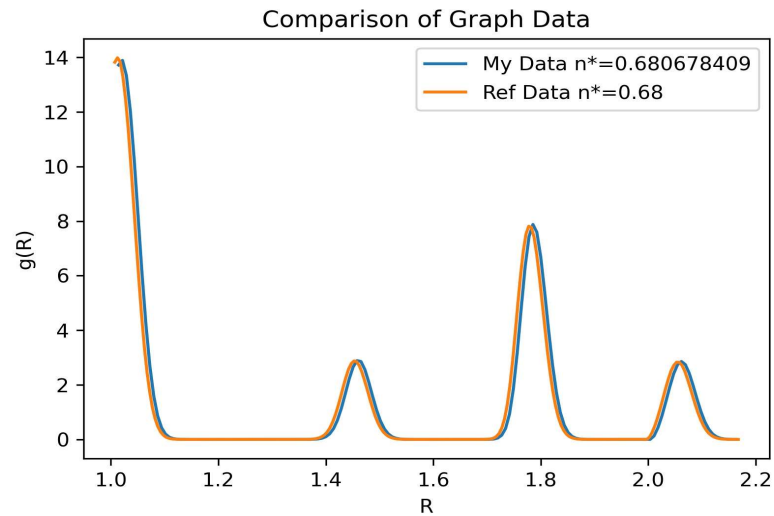
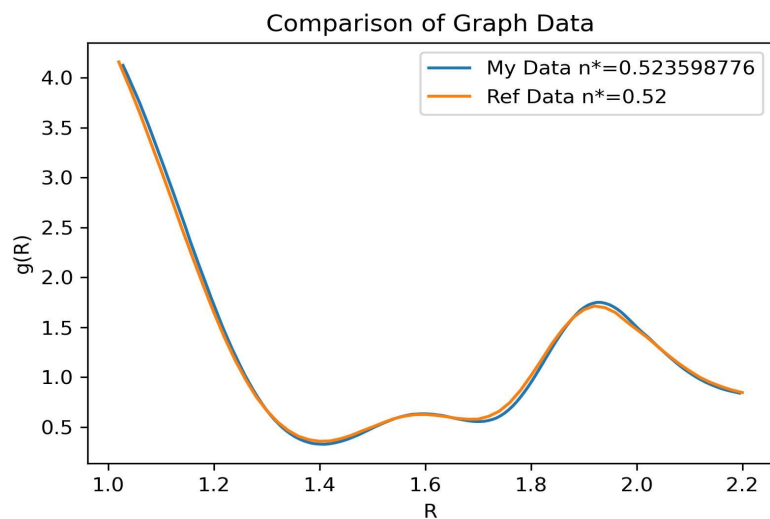
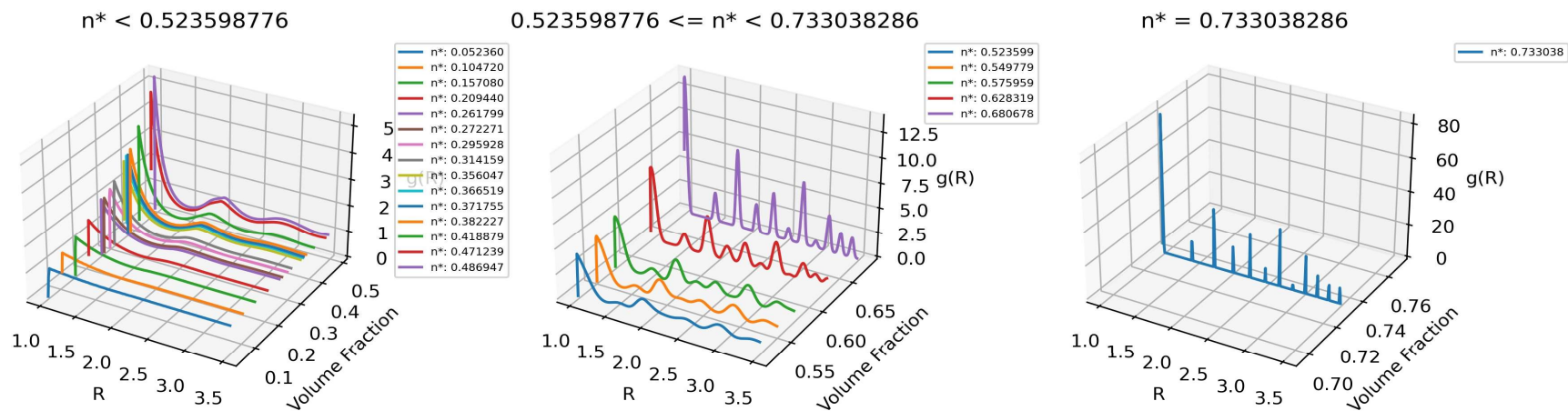


density	Column1	frac	Z-Febo	Z_MD (BLW)	Percent Difference
0.1		0.0523599	1.2391746	1.239724369	0.04%
0.2		0.1047198	1.5537718	1.553610977	0.01%
0.3		0.1570796	1.9696251	1.96824226	0.07%
0.4		0.2094395	2.5194345	2.52164839	0.09%
0.5		0.2617994	3.272765	3.26936152	0.10%
0.52		0.2722714	3.4532996		
0.56518		0.2959276	3.9040633		
0.6		0.3141593	4.3000341	4.294941	0.12%
0.68		0.3560472	5.4003596		
0.7		0.3665191	5.7316215	5.7268615	0.08%
0.71		0.3717551	5.8998036		
0.73		0.3822271	6.2659817		
0.8		0.418879	7.7723984	7.7699727	0.03%
0.9		0.4712389	10.7692956	10.7629536	0.06%
0.93		0.4869469	11.8613285	11.9258524	0.54%
1		0.5235988	10.2398157	10.2490356	0.09%
1.05		0.5497787	11.4958269		
1.1		0.5759587	13.2624862	13.2671123	0.03%
1.2		0.6283185	19.4639005	19.4683524	0.02%
1.3		0.6806784	36.7500609	36.7516644	0.00%
1.4		0.7330383	298.0619252	298.05768	0.00%

N=500 molecules

Compared to Bannerman, Leu & Woodcock (2010)





Compared to Kincaid & Weis (1977)

density	n*	n	e	calctemp	frac	acw	t	rate	tbc (mean col	enkt	pvnkt1 (Z)	totalColl
0.1	0.05236	500	1125	1.5	0.05236	24097.00402	937.780479	213.269528	1.172226	1.5	1.239175	200000
0.2	0.10472	500	1125	1.5	0.10472	60850.27402	811.785931	492.740739	0.507366	1.5	1.553772	400000
0.4	0.20944	500	1125	1.5	0.20944	153389.226	591.942223	1351.483251	0.184982	1.5	2.519435	800000
0.3	0.15708	500	1125	1.5	0.15708	104543.9255	695.837217	862.270636	0.289932	1.5	1.969625	600000
0.5	0.2618	500	1125	1.5	0.261799	206353.758	494.220732	2023.387394	0.123555	1.5	3.272765	1000000
0.52	0.27227	500	1125	1.5	0.272271	217417.8307	476.134781	2184.255469	0.114455	1.5	3.4533	1040000
0.56518	0.29593	500	1125	1.5	0.295928	243397.5603	437.959875	2580.967036	0.096863	1.5	3.904063	1130360
0.6	0.31416	500	1125	1.5	0.314159	263126.0977	408.427396	2938.098694	0.085089	1.5	4.300034	1200000
0.68	0.35605	500	1125	1.5	0.356047	311002.6938	347.237103	3916.632143	0.06383	1.5	5.40036	1360000
0.7	0.36652	500	1125	1.5	0.366519	323172.5462	332.336647	4212.595909	0.059346	1.5	5.731621	1400000
0.71	0.37176	500	1125	1.5	0.371755	329346.2694	325.517548	4362.284023	0.057309	1.5	5.899804	1420000
0.73	0.38223	500	1125	1.5	0.382227	341786.1265	311.425316	4688.122404	0.053326	1.5	6.265982	1460000
0.8	0.41888	500	1125	1.5	0.418879	386394.0887	265.528468	6025.719236	0.041489	1.5	7.772398	1600000
0.9	0.47124	500	1125	1.5	0.471239	451857.7141	206.971585	8696.845992	0.028746	1.5	10.769296	1800000
0.93	0.48695	500	1125	1.5	0.486947	471988.4109	192.341877	9670.280986	0.025852	1.5	11.861328	1860000
1	0.5236	500	1125	1.5	0.523599	520173.661	243.223106	8222.902976	0.030403	1.5	10.239816	2000000
1.05	0.54978	500	1125	1.5	0.549779	554909.8508	224.730726	9344.516587	0.026754	1.5	11.495827	2100000
1.1	0.57596	500	1125	1.5	0.575959	590685.3091	201.60433	10912.46406	0.02291	1.5	13.262486	2200000
1.2	0.62832	500	1125	1.5	0.628319	663053.6624	145.999463	16438.41668	0.015208	1.5	19.463901	2400000
1.3	0.68068	500	1125	1.5	0.680678	737750.8805	81.690511	31827.44203	0.007855	1.5	36.750061	2600000
1.4	0.73304	500	1125	1.5	0.733038	814509.8604	10.589118	264422.3997	0.000945	1.5	298.061925	2800000