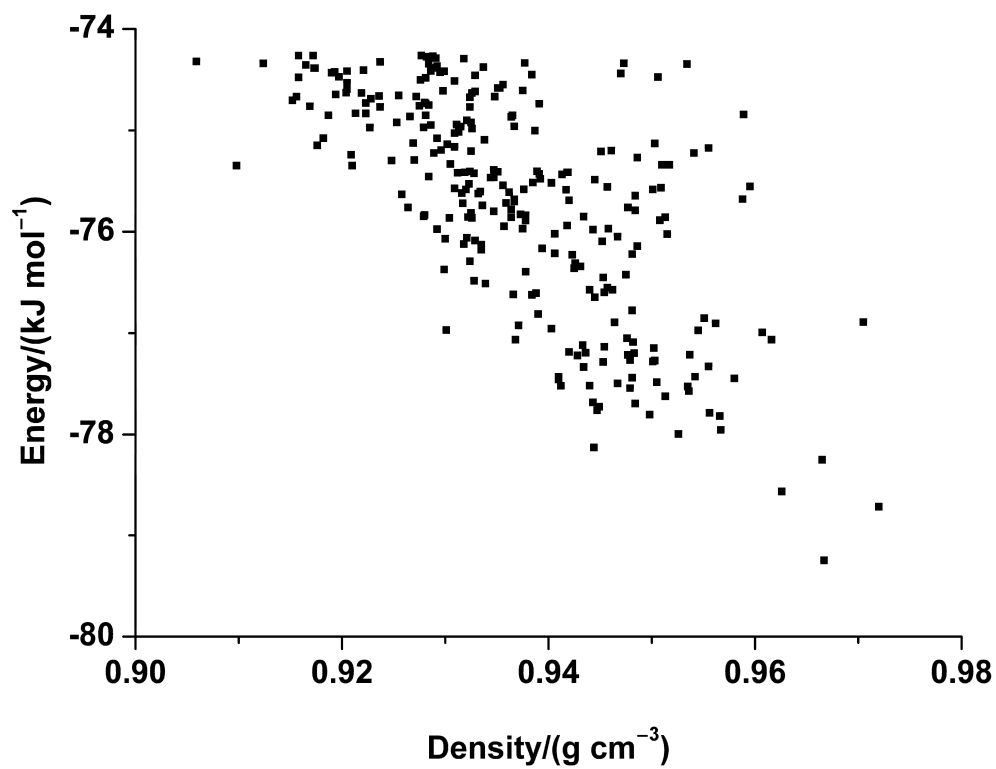


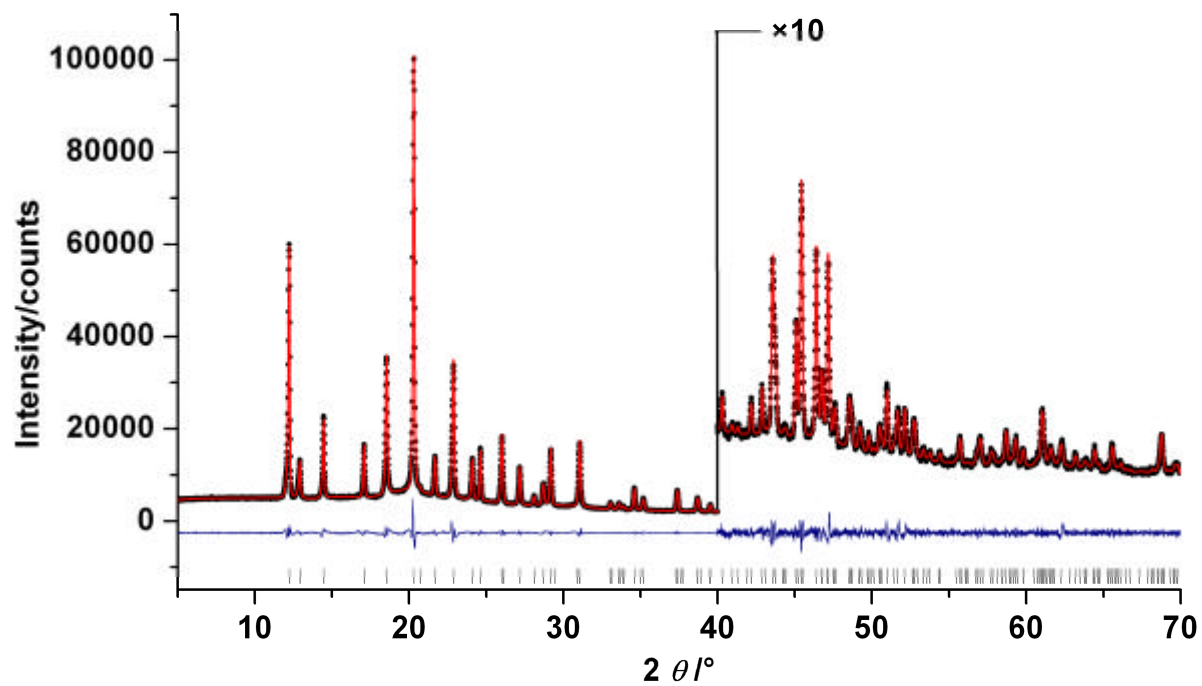
## Figure S1

Distribution of energies and densities for the predicted structures with low energies. Note that all structures are within only 5 kJ mol<sup>-1</sup> above the energetically-lowest packing.



## Figure S2

Pawley-fit of ETBE



### Formula S1

$$E(\mathbf{t}) = \sum_{n=0}^7 A_n \cdot \cos(n \cdot \mathbf{t})$$

with:

<b>n</b>	<b><math>A_n(t_1)</math></b>	<b><math>A_n(t_2)</math></b>
0	16.3396	9.3073
1	18.9941	3.6367
2	5.34595	1.6991
3	3.1909	8.0333
4	1.1482	0.2171
5	0.6831	0.0000
6	0.0000	0.3916
7	0.0000	- 0.0548

All values in  $\text{kJ mol}^{-1}$