

SUPPLEMENTARY MATERIALS

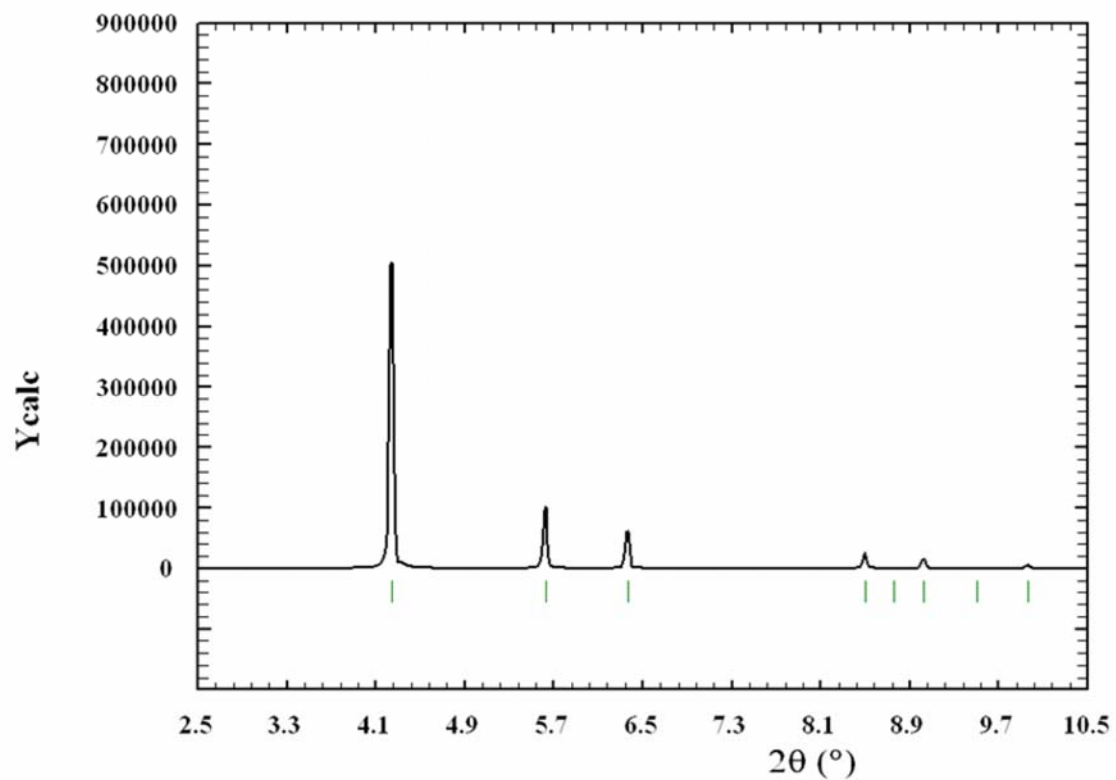


Figure S1 : Best modeling of low resolution Bragg intensities with an uniform electron density tube ($r_{\text{int}} = 1.00\text{\AA}$, $r_{\text{ext}} = 2.50\text{\AA}$).

REFINEMENT ($2.5^\circ < 2\theta < 74.5^\circ$)	$\langle r \rangle$ (Å)	Δr (Å)	R_p (bg corr.)	R_{wp} (bg corr.)	χ^2	R_{Bragg}	R_F
0.50<r<1.50Å	1.00	1.00	27.4	30.9	340	16.32	7.98
0.50<r<2.00Å	1.25	1.50	20.2	23.4	200	11.51	5.99
0.50<r<2.50Å	1.50	2.00	15.4	17.4	121	8.46	5.67
0.50<r<3.00Å	1.75	2.50	15.2	16.2	103	8.73	6.14
0.50<r<3.50Å	2.00	3.00	18.2	18.5	131	11.20	6.50
1.00<r<2.00Å	1.50	1.00	17.6	20.4	159	9.99	5.80
1.00<r<2.50Å	1.75	1.50	14.3	16.2	103	7.84	5.78
1.00<r<3.00Å	2.00	2.00	16.7	17.4	119	10.0	6.39
1.50<r<2.00Å	1.75	0.50	15.5	17.6	121	8.89	6.10
1.50<r<2.50Å	2.00	1.00	14.9	16.4	104	8.37	6.14
1.50<r<3.00Å	2.25	1.50	17.9	18.4	124	10.80	6.53
1.50<r<3.50Å	2.50	2.00	21.2	21.3	161	12.29	6.75
2.00<r<3.00Å	2.50	1.00	20.7	21.3	161	13.01	6.76
2.00<r<3.50Å	2.75	1.50	23.5	24.0	200	14.78	6.85
2.00<r<4.00Å	3.00	2.00	25.5	26.4	275	15.80	6.81

Table S1: Agreement factors for the different tube configurations tested.