C PARAMETER (A)

TABLE 2

Guinier Diffraction Data for Some Rare Earth Orthoaluminates.

hkℓ	Eu d_o	Eu d_c	Gd d_o	Gd d_c	Tb d_o	Tb d_c	Dy d_o	Dy d_c	Ho d_o	Ho d_c	Er d_o	Er d_c	Tm d_o	Tm d_c	Yb d_o	Yb d_c	Lu d_o	Lu d_c
101													4.215 vw	4.211	4.203 vw	4.197	4.180 vw	4.181
110	3.735 m	3.734	3.731 m	3.731	3.729 m	3.727	3.722 m	3.720	3.714 s	3.713	3.709 m	3.706	3.700 ms	3.700	3.696 s	3.695	3.685 ms	3.686
002		3.731	3.726 w	3.723	3.711 wm	3.710	3.699 m	3.698	3.688 ms	3.687	3.679 m	3.677	3.667 m	3.667	3.655 ms	3.657	3.651 wm	3.650
111			3.337 w	3.335	3.330 w	3.330	3.325 wm	3.323	3.316 m	3.316	3.310 m	3.310	3.303 m	3.304	3.298 m	3.298	3.291 m	3.290
020	2.647 w	2.647	2.651 w	2.651	2.653 w	2.655	2.659 wm	2.659	2.662 wm	2.661	2.663 wm	2.664	2.663 m	2.664	2.665 m	2.666	2.665 wm	2.666
112		2.639	2.635 s	2.635	2.628 s	2.629	2.622 vs	2.622	2.617 vs	2.616	2.611 s	2.610	2.603 s	2.605	2.598 vs	2.599	2.593 vs	2.594
200	2.639 s	2.634	2.626 w	2.625	2.616 w	2.616	2.603 wm	2.603	2.591 m	2.591	2.579 wm	2.580	2.572 m	2.572	2.562 m	2.563	2.550 wm	2.551
021			2.499 vvw	2.497	2.500 vw	2.500	2.502 wm	2.502	2.503 wm	2.503	2.505 m	2.504	2.503 m	2.504	2.503 m	2.504	2.503 m	2.504
211											2.214 w	2.214	2.208 w	2.209	2.202 w	2.202	2.194 w	2.194
103												2.214						
022	2.158 wm	2.159	2.159 w	2.159	2.159 w	2.159	2.158 m	2.159	2.159 m	2.158	2.158 wm	2.157	2.154 m	2.155	2.154 m	2.154	2.153 m	2.153
202	2.151 wm	2.151	2.145 w	2.145	2.138 w	2.138	2.128 m	2.128	2.120 m	2.120	2.113 wm	2.112	2.104 m	2.105	2.098 ms	2.099	2.091 m	2.091
113					2.060 vw	2.061	2.055 vw	2.055	2.050 w	2.050	2.044 w	2.045	2.039 wm	2.040	2.035 m	2.035	2.030 m	2.031
122									1.992 vw	1.992					1.986 vw	1.986		
220		1.867	1.865 wm	1.865	1.864 wm	1.863	1.860 m	1.860	1.856 m	1.856	1.854 wm	1.853	1.850 m	1.850	1.848 m	1.847	1.843 m	1.843
004	1.865 wm	1.865			1.855 w	1.855	1.849 m	1.849	1.843 m	1.844	1.839 wm	1.838	1.833 wm	1.833	1.828 m	1.829	1.824 wm	1.825
023		1.812				1.810		1.807	1.805 w	1.806	1.803 vw	1.804	1.802 wm	1.801	1.799 wm	1.799	1.797 wm	1.797
221	1.815 w	1.811			1.808 w	1.807	1.805 wm	1.804	1.800 wm	1.800	1.797 m	1.797	1.795 wm	1.794	1.791 m	1.791	1.787 m	1.787
222		1.669		1.668	1.665 vw	1.665	1.661 vw	1.661	1.658 w	1.658	1.654 wm	1.655	1.652 w	1.652	1.649 w	1.649	1.645 wm	1.645
114	1.668 w	1.668	1.665 wm	1.666	1.661 vw	1.661	1.655 w	1.656	1.652 wm	1.651	1.647 wm	1.647	1.643 wm	1.643	1.639 wm	1.639	1.635 m	1.636
310					1.657 vw	1.657	1.649 vw	1.649	1.643 vw	1.643				1.636	1.628 w	1.627	1.620 w	1.620
131			1.634 w	1.634	1.635 vw	1.635	1.636 wm	1.636	1.636 wm	1.637	1.637 m	1.637	1.636 m	1.632	1.636 m	1.636	1.635 m	1.636
311													1.593 w	1.593	1.589 vw	1.588		
132			1.527 w	1.527	1.528 w	1.528	1.528 wm	1.528	1.527 wm	1.528	1.527 wm	1.527	1.527 wm	1.526	1.526 wm	1.526	1.526 w	1.525
024					1.520 w	1.521	1.518 wm	1.518	1.515 wm	1.515			1.510 wm	1.510	1.508 wm	1.508	1.506 wm	1.506
204		1.522		1.519		1.513		1.507	1.502 w	1.502	1.497 wm	1.497	1.493 w	1.493	1.489 w	1.489	1.485 wm	1.484
312	1.522 w	1.521	1.518 wm	1.518	1.512 m	1.513	1.507 m	1.506	1.500 m	1.501	1.495 m	1.495	1.491 m	1.491	1.487 m	1.486	1.482 wm	1.481
223											1.478 w	1.478	1.476 wm	1.475	1.473 wm	1.472	1.470 w	1.469
133							1.387 w	1.387	1.386 wm	1.386	1.384 m	1.385	1.384 m	1.384	1.383 wm	1.383	1.382 wm	1.382
115															1.360 vw	1.360		
041											1.310 w	1.310	1.310 vw	1.310	1.312 w	1.311		
224	1.320 w	1.319			1.315 w	1.315	1.311 m	1.311	1.308 m	1.308	1.305 m	1.305	1.302 wm	1.302	1.300 wm	1.300	1.297 m	1.297
314															1.215 wm	1.215		
331									1.220 w	1.221								
332							1.178 m	1.176						1.170	1.168 wm	1.167		
043													1.169 wm	1.169				
241													1.167 w	1.167				
116		1.180											1.160 wm	1.161	1.158 w	1.158		
420	1.179 w	1.179																
225													1.149 w	1.149	1.148 w	1.147		
135														1.104				
422													1.105 wm	1.104				
206														1.104				