

小型加速器による小型高輝度X 線源とイメージング基盤技術開発

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(株)リガク 栗林

@京都大学化学研究所

今後予定

- ICSソースの高強度化に伴い、検出器の準備
1pixelあたり2カウント以上入射されるようになってきている。高エネルギー対応の検出器が必要。

検出器

	エネルギー	S/N	分解能	
Hybrid検出器	~20keV	◎	100um	フォトンカウンティング
CMOS	20keV~	△	50um	積分
CCDファイバーカップル	~30keV	○	30um	積分
CCDレンズカップル	~30keV	○	270nm~ 5um	積分

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