

## Channeling 2018



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# Comparison of Parametric X-ray Radiation and Diffracted Transition Radiation

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Ultra-relativistic charged particle incident a crystal emits both diffracted transition radiation (DTR) and parametric X-ray radiation [1]. Both kinds of radiation can be used for beam diagnostics. Recently, comparison of differential yields of the DTR and PXR in maxima of the reflections was performed in [2]. In the present paper, the yields of the DTR and PXR integrated over reflections angular sizes are compared.

#### References

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