
Subject: radiation hardness tolerance of MVDdetectors
Posted by [asanchez](#) on Tue, 05 Feb 2008 10:47:11 GMT
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Dear all,
i'm trying to
evaluate the particle rate which will
be loaded on the silicon strip detectors devoted for
the hypernuclei project. As you probably
know the silicon sensors will be similar to those used by you in the MVD detector.

The problem in my case is that i'm using a nuclear target
instead of the hydrogen target used by PANDA(standard), and that can produce a high particle
rate on the sensor.

So my question is what is the radiation hardness at which
the microvertex is planned to work properly.
I have taken a look into the TPR but i don't know if the number
included there is already obsolete.

Could you tell me if there is more actual information
concerning this issue.?

Thanks a lot
best regards

ALicia.
