Dear Sergey,

sorry for my late reply.
In the MVD we use pre-stored lists which contain the conversion values to go from particle momentum and type to the corresponding neutron flux.

Have a look at detectors/mvd/MvdTools. In there are the stored lists /MvdRadDamage and the PndMvdRadDamTask which does the conversion.

I hope this helps.

Cheers,

Tobias