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Subject: Ion beam  
Posted by [Oleg](#) on Thu, 04 Aug 2016 13:06:09 GMT  
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Hello,

did anybody use the heavy ion beam ( $^{124}\text{Xe}$ , for example) to run the simulations?  
With cylindrical (X, Y) profile or gauss-like?  
It would be nice to have the script or a part of it.

I hope with activation of:  
/R3B/phys/addPhysics elastic  
/R3B/phys/addPhysics ion\_inclxx  
G4 will make the elastic scattering events.

Thanks, Oleg.

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Subject: Re: Ion beam  
Posted by [Dmytro Kresan](#) on Fri, 05 Aug 2016 07:11:13 GMT  
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Dear Oleg,

I am aware only of simulations for background studies with ion beam, performed by Ken Miki.  
He indeed used ion\_inclxx, and qgsp\_bert (last for nuclear reactions).

He has prepared a detailed documentation in form of wiki page. Konstanze should know its location.

Best regards,  
Dima

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Subject: Re: Ion beam  
Posted by [Oleg](#) on Mon, 08 Aug 2016 09:07:52 GMT  
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Dima,

do you know about this report/description?  
Konstanze is out up to 22.08.

Oleg.

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Subject: Re: Ion beam  
Posted by [Dmytro Kresan](#) on Thu, 11 Aug 2016 07:16:06 GMT  
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You have found it already, but I place it here for future reference:

<http://web-docs.gsi.de/~kmiki/neuland/>

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