Subject: Re: Pion off Nuclei [quasi-free]
Posted by Ingo Froehlich on Tue, 17 Apr 2012 13:25:44 GMT
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The composites must stay "pi- + 12C" and "pi- + p", this is your envelope and quasi-free reaction (in fact you try now a K0S beam...)

makeStaticData()->AddDecay(-1, "pi- + 12C -> (pi- + p) + 11B (quasi-free)","pi- + 12C","pi- + p,11B", 1.0 );

This line has a "pi- + 12C" composite as an input, and a 11B fragment and the "pi- + p" quasi-free reaction particle as daughters.

Consequence: everything in the original macro above the PReaction declaration must be unchanged (but only if you don't want to use pi+ + n, e.g.)

(Edit) This is the chain:

Reaction of 5 Particles interacting via 2 Channels
Reaction Particles:
0. quasi-particle (pi- beam and 12C target)
1. pi- + p
2. 11B
3. K0S
4. Lambda
Reaction Channels:
1. pi- + 12C -> (pi- + p) + 11B (quasi-free)
Interaction model(s):
[pi-p_in_12C] Quasi-free particle production <nucleus_fermi> {/}
2. pi- + p --> K0S + Lambda
Interaction model(s):
[pi- + p_fix_K0S_Lambda] 2-body fixed mass, partial width {/}
[pi- + p_genbod_K0S_Lambda] Pluto build-in genbod {/genbod}