	Moore for a more thorough and rigourous treatment)	(Mostly follows Halzen and Martin. I recommend Burgess and	-cross section and decay rate calculations	-Spinless electron-muon scattering	- Transition rates	-Experimental considerations	Overview:		DEVIEW DADT 1. Calculation of OED Croce Sections and Decay Do	
		and						uy huico	ny Dates	

	-The probablility of producing what w	- there can be a lot of decay products determine how to relate these to who produced	-What we end up observing are the low of what was initially produced in the -There can be a lat of decay products	-A common technique is to collide particles at a at very high energies. We then look at the pro collisions. A few notes:	-We want to determine various properties of po interactions.	What do we measure and what do we need to ca
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	2	$\frac{1}{2} \frac{1}{2} \frac{1}{2} = \frac{1}{2} $	equation with interaction potential:	$\int_{V} e^{*} e^{*} d^{3} x = \int_{\mathcal{W}} d^{3} x = \int_$	Free - particle equation: HQN = ENQN	Particle in a box of volume V	Let's start from here:	rate of the collisions. This quantity should not involve time.	-we want to determine a quantity related to the probablility of producing certain final states that is independent of the	What do we want to calculate? It depends on what we can measure	
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