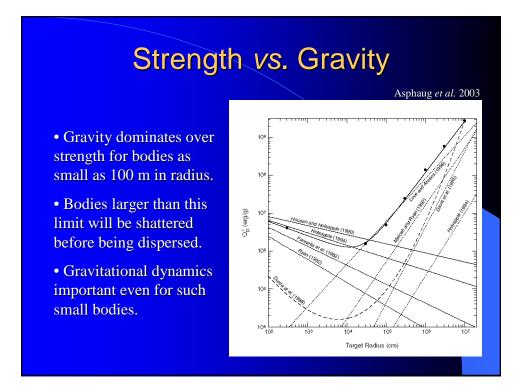
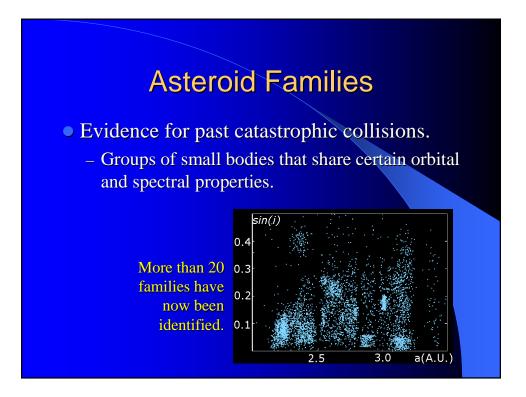
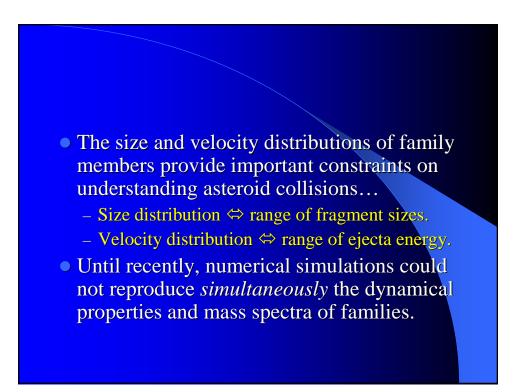


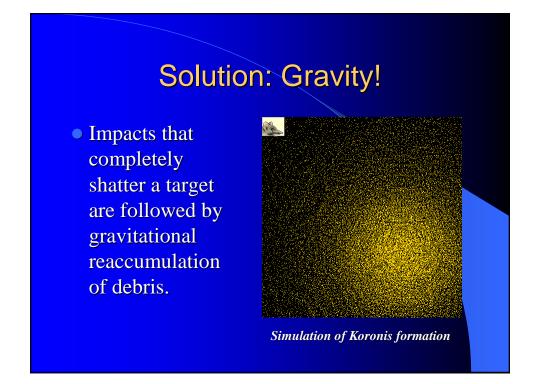
Collaborators		
E. Asphaug	W. Benz	W. F. Bottke Jr.
UCSC	U Bern	SwRI
D. D. Durda	B. L. Enke	D. P. Hamilton
SwRI	SwRI	U Maryland
Z. M. Leinhardt	H. J. Melosh	P. Michel
U Maryland	LPL	Obs. Cote d'Azur
T. Quinn	D. J. Scheeres	J. Stadel
U Washington	U Michigan	U Zurich
P. Tanga	K. J. Walsh	P. R. Weissman
Obs. Cote d'Azur	U Maryland	JPL











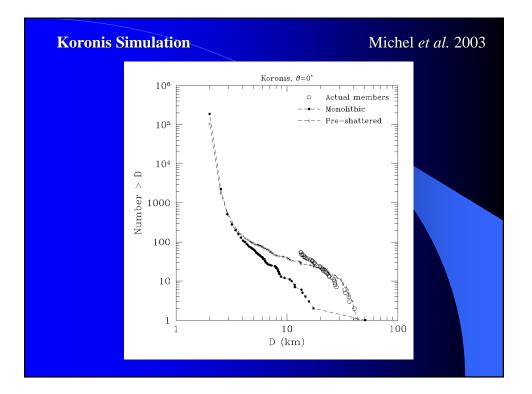
Simulations of Family-forming Impacts

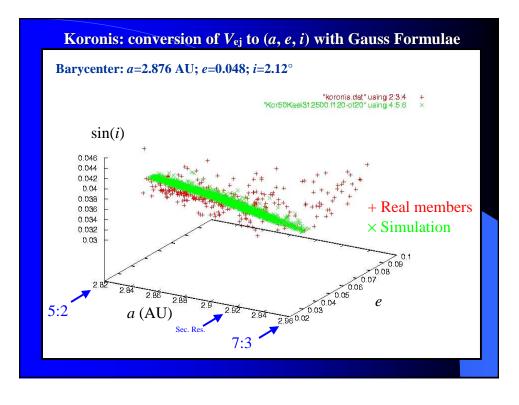
• SPH hydrocode → crack propagation (short timescale) through the target

• N-body code \rightarrow gravitational interaction (long timescale) between intact fragments

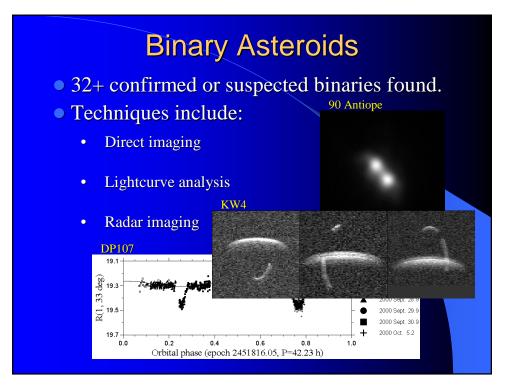
Simulation of target shattering + fragment dispersion and/or reaccumulation

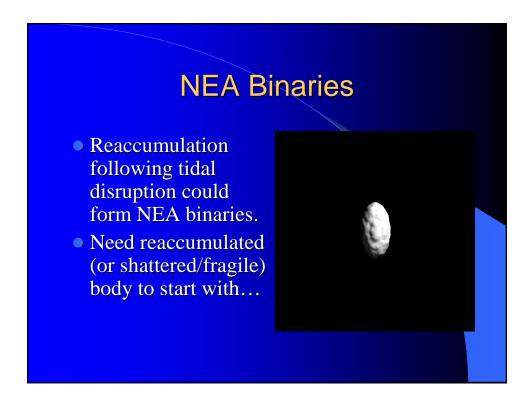


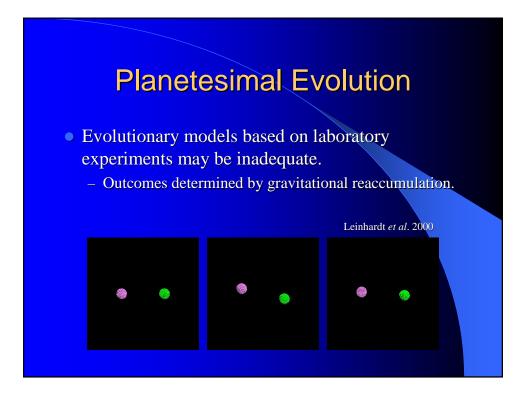


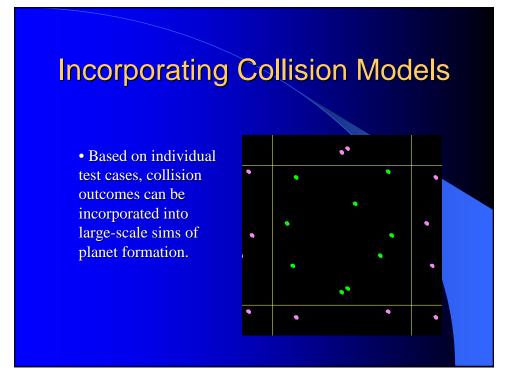


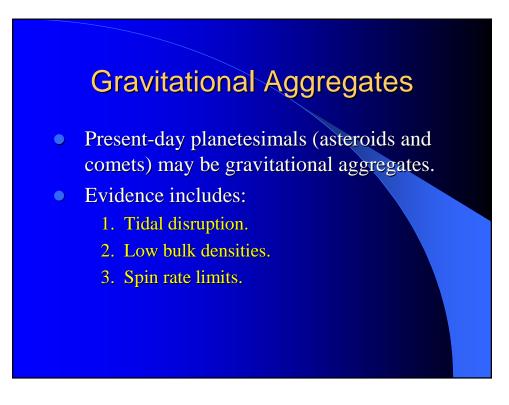
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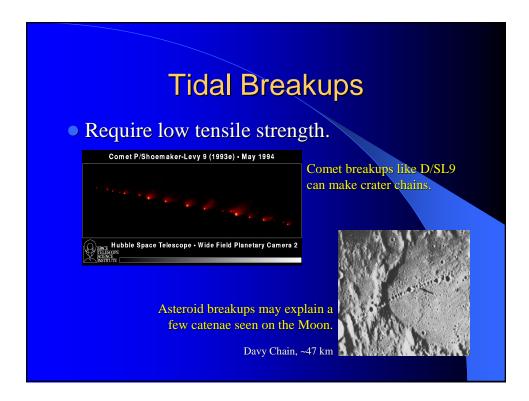


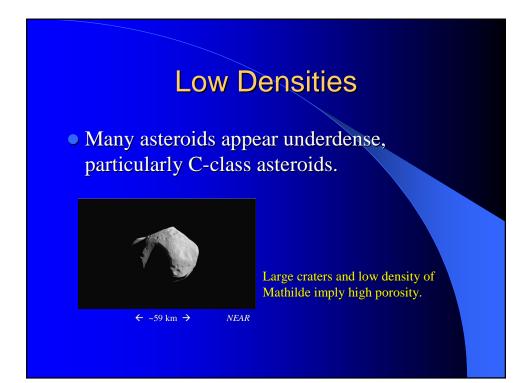


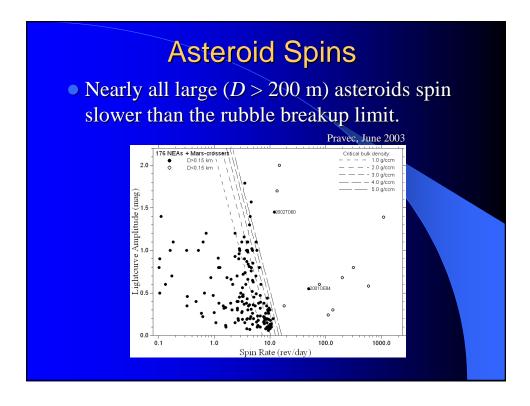


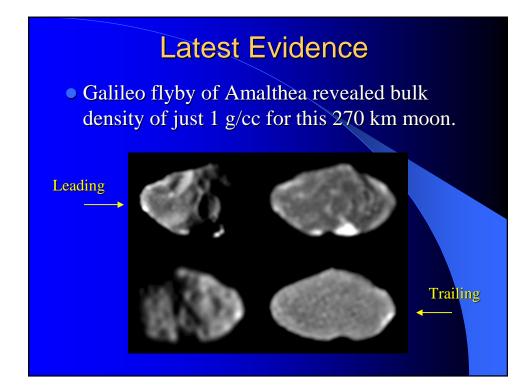


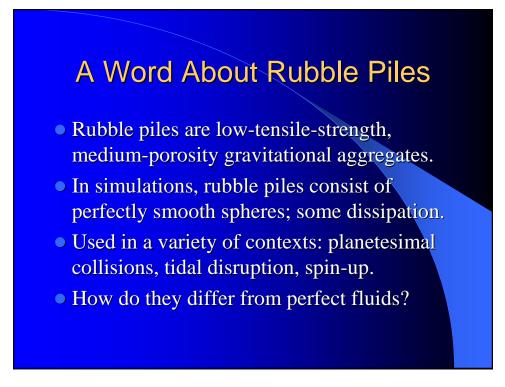


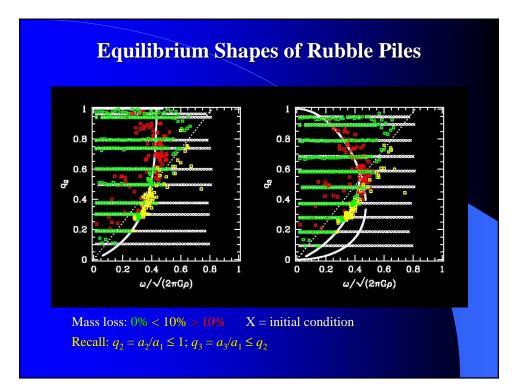


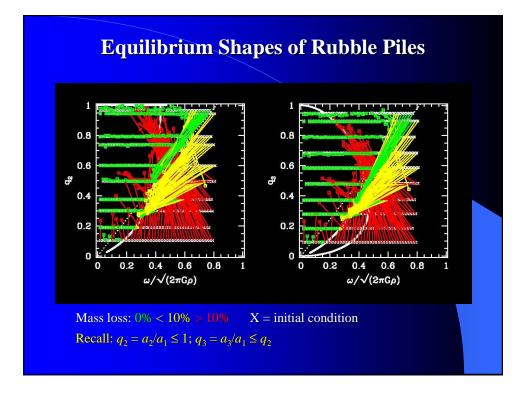






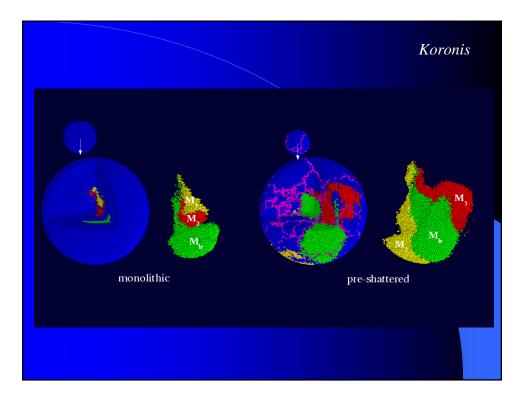


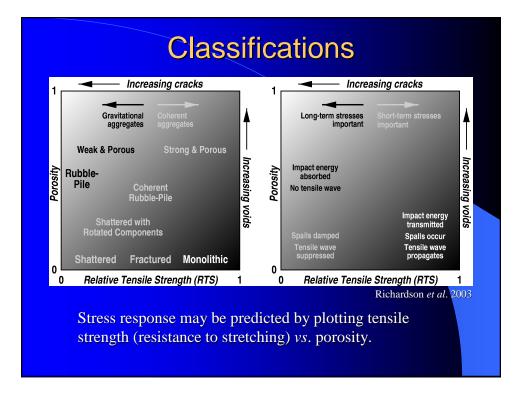


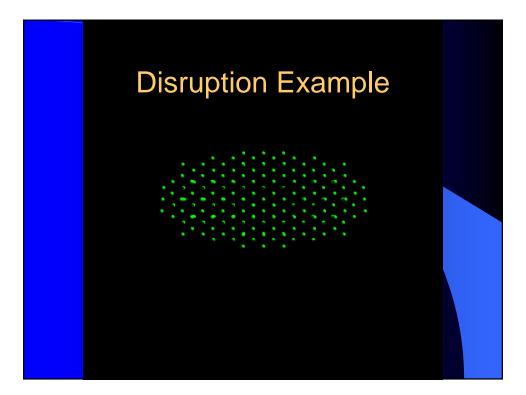


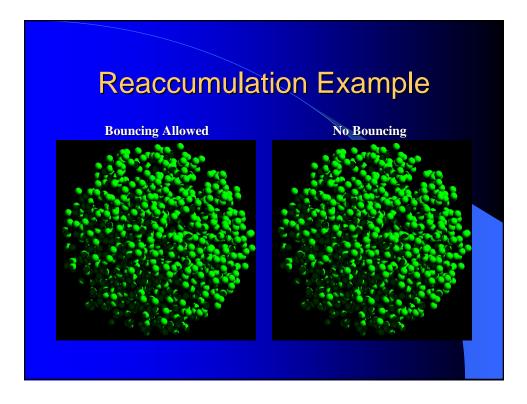
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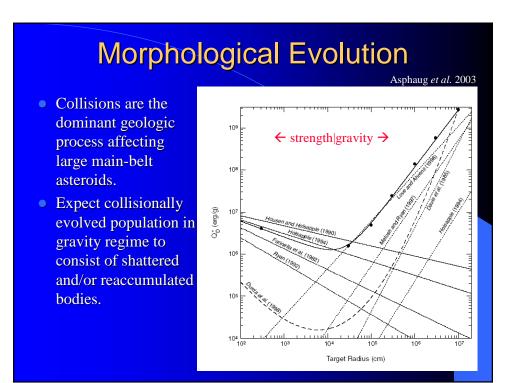


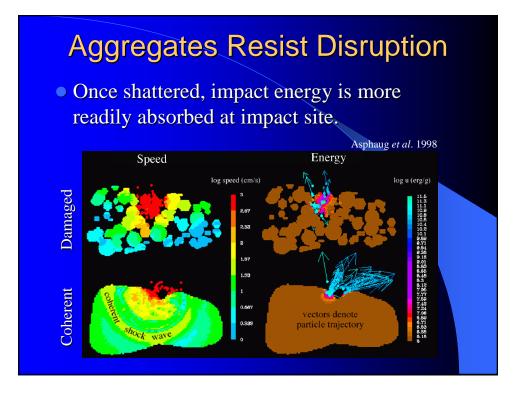




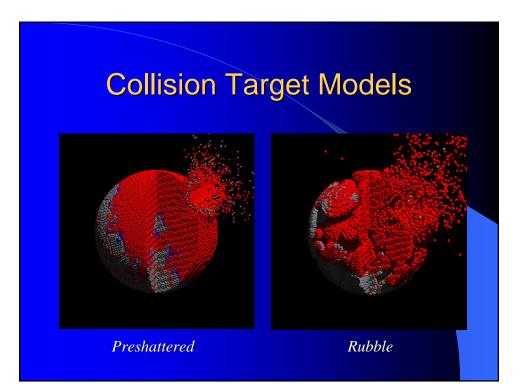


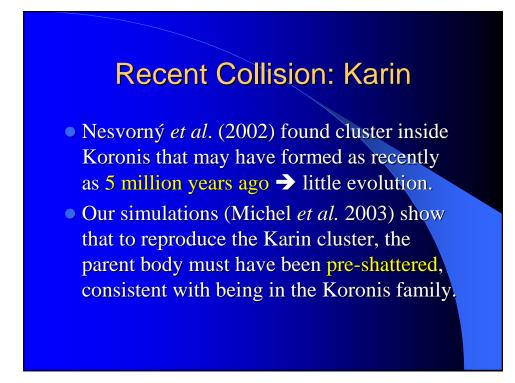
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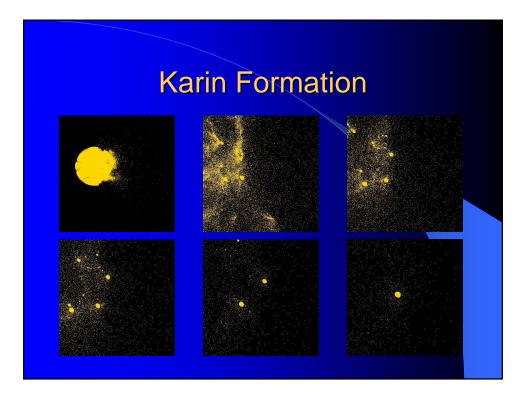


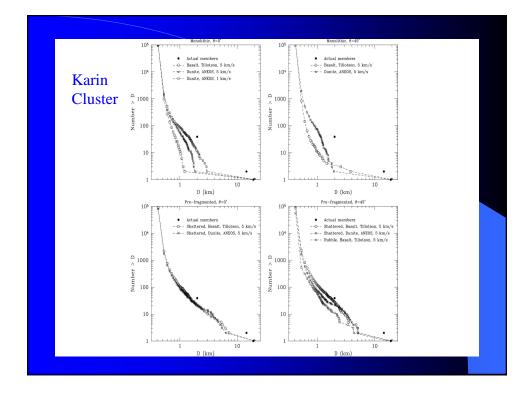


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