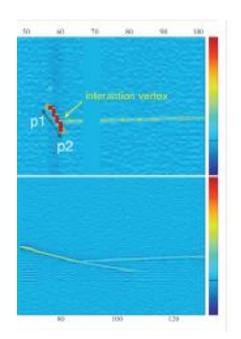
eA and MEC - discussion



Argoneut rings in powerful new experimental capability, e.g. high resolution study of the vertex region.

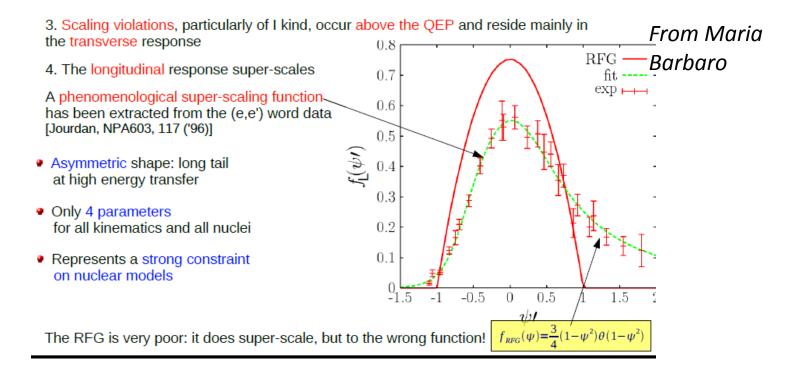
What should they measure?



From Ornella Palamara



So, what else do you neutrino folks need from eA?

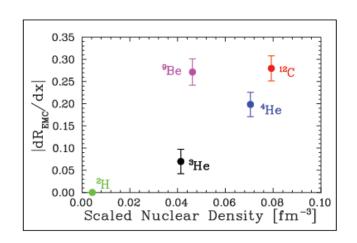


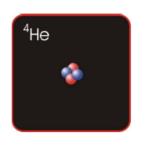
Can we finally get around to replacing the relativistic Fermi gas in our models with something better?

EMC Effect and Local Nuclear Density

⁹Be has low average density

- Large component of structure is 2α+n
- ullet Most nucleons in tight, α -like configurations
- EMC effect driven by local rather than average nuclear density







Scaled nuclear density = (A-1)/A
--> remove contribution from struck nucleon

from ab initio few-body calculations
- [S.C. Pieper and R.B. Wiringa, Ann. Rev.
Nucl. Part. Sci 51, 53 (2001)]

Do we need to include local clustering in our models? Is it already there?

Is it important that neutrino event generators be validated on eA? Or is it neut important at all?

To what Q² can we trust superscaling?

 Exact QMC calculations of sum rules and Euclidean responses in light nuclei, based on realistic interactions and currents
 Rocco Schiavilla

Should we expect/hope to see calculations for carbon and oxygen?