NeuLAND is the time-of-flight spectrometer, position and time allows to calculate the energy.

You can make use of member function GetP() of the R3BNeutHit class, which returns total momentum in MeV. Then knowing momentum and mass you get the energy.

Bar index can be obtained from global X,Y,Z coordinates of the neutron hit, having at hand position and layout of the detector. There is currently no function implemented. Feel free to contribute.

Best regards,
Dima