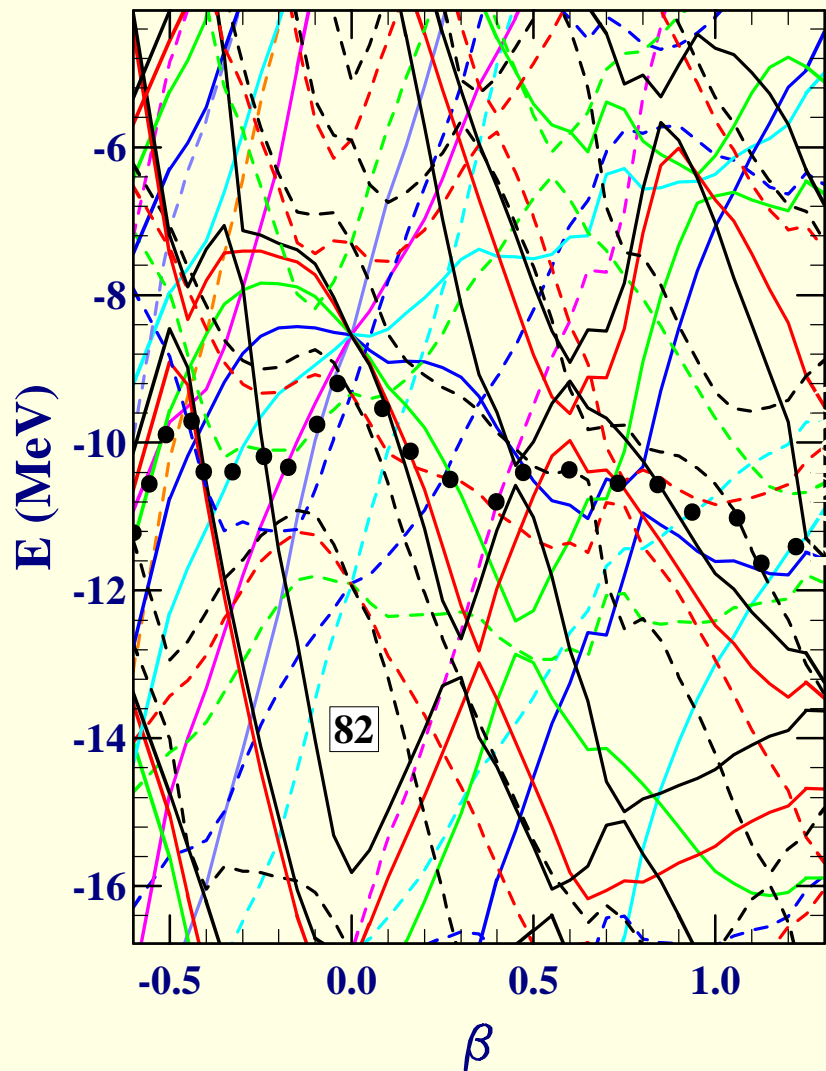
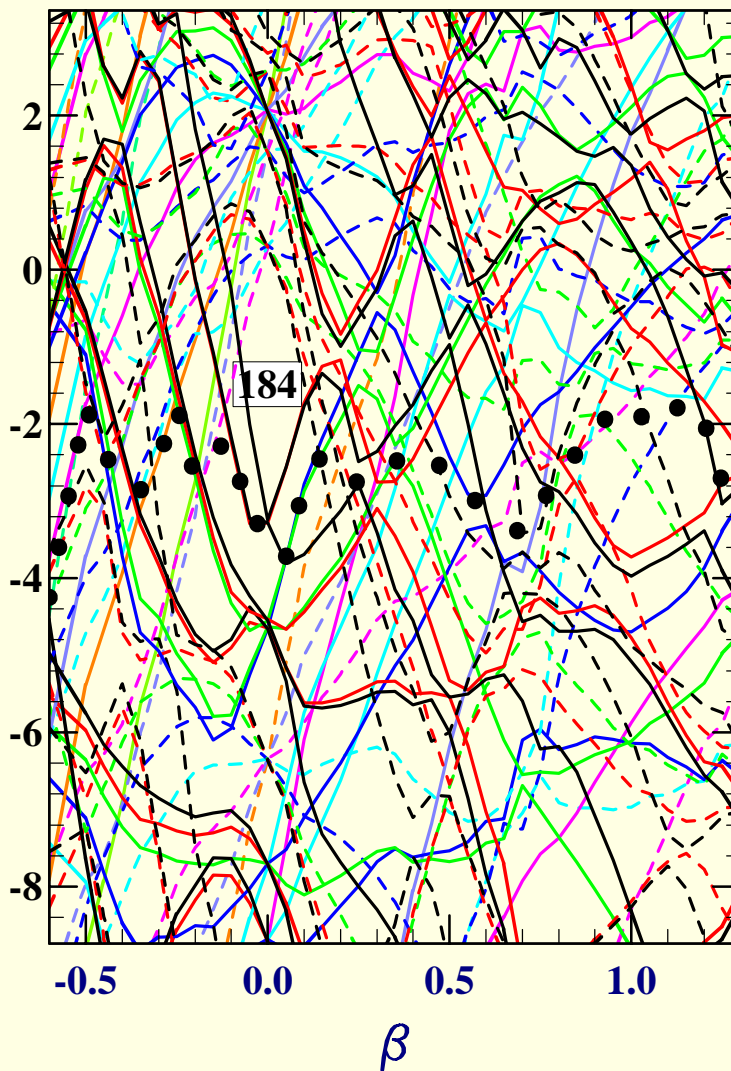


$^{277}_{97}\text{Bk}_{180}$

Protons



Neutrons



—	- - -	$1/2^+$	$1/2^-$
—	- - -	$3/2^+$	$3/2^-$
—	- - -	$5/2^+$	$5/2^-$
—	- - -	$7/2^+$	$7/2^-$
—	- - -	$9/2^+$	$9/2^-$
—	- - -	$11/2^+$	$11/2^-$
—	- - -	$13/2^+$	$13/2^-$
—	- - -	$15/2^+$	$15/2^-$
—	- - -	$17/2^+$	$17/2^-$
—	- - -	$19/2^+$	$19/2^-$
●		Fermi	