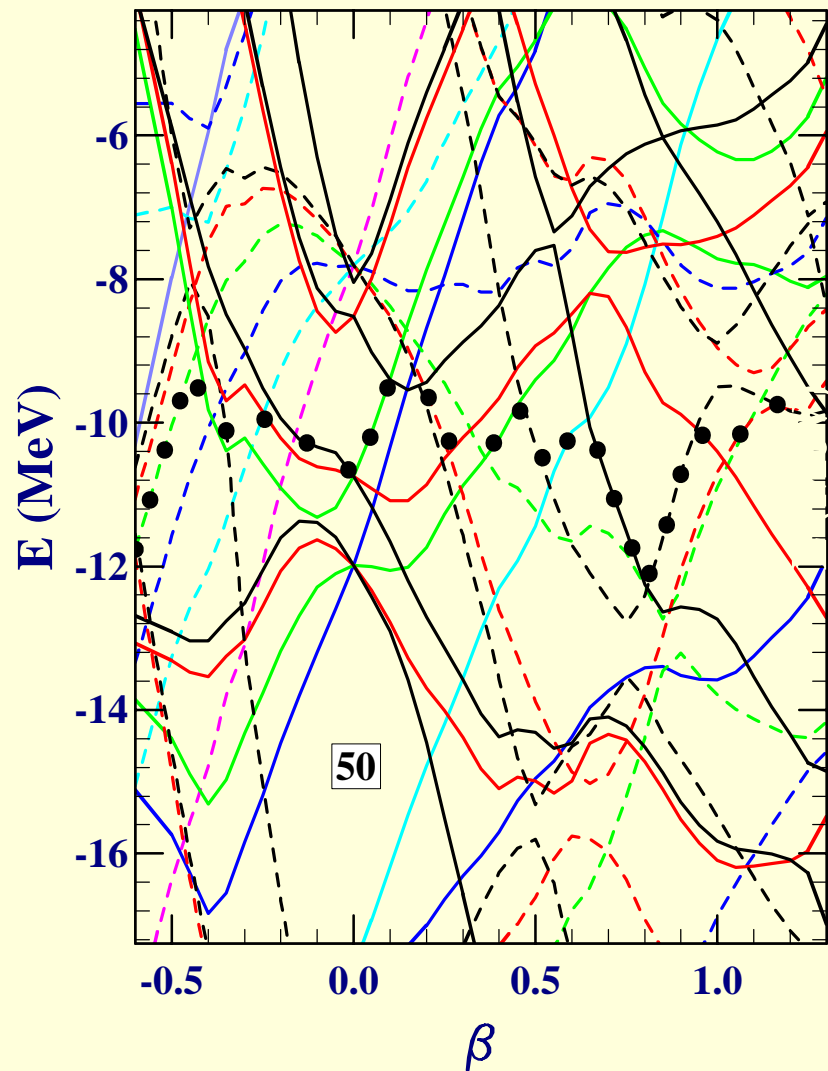
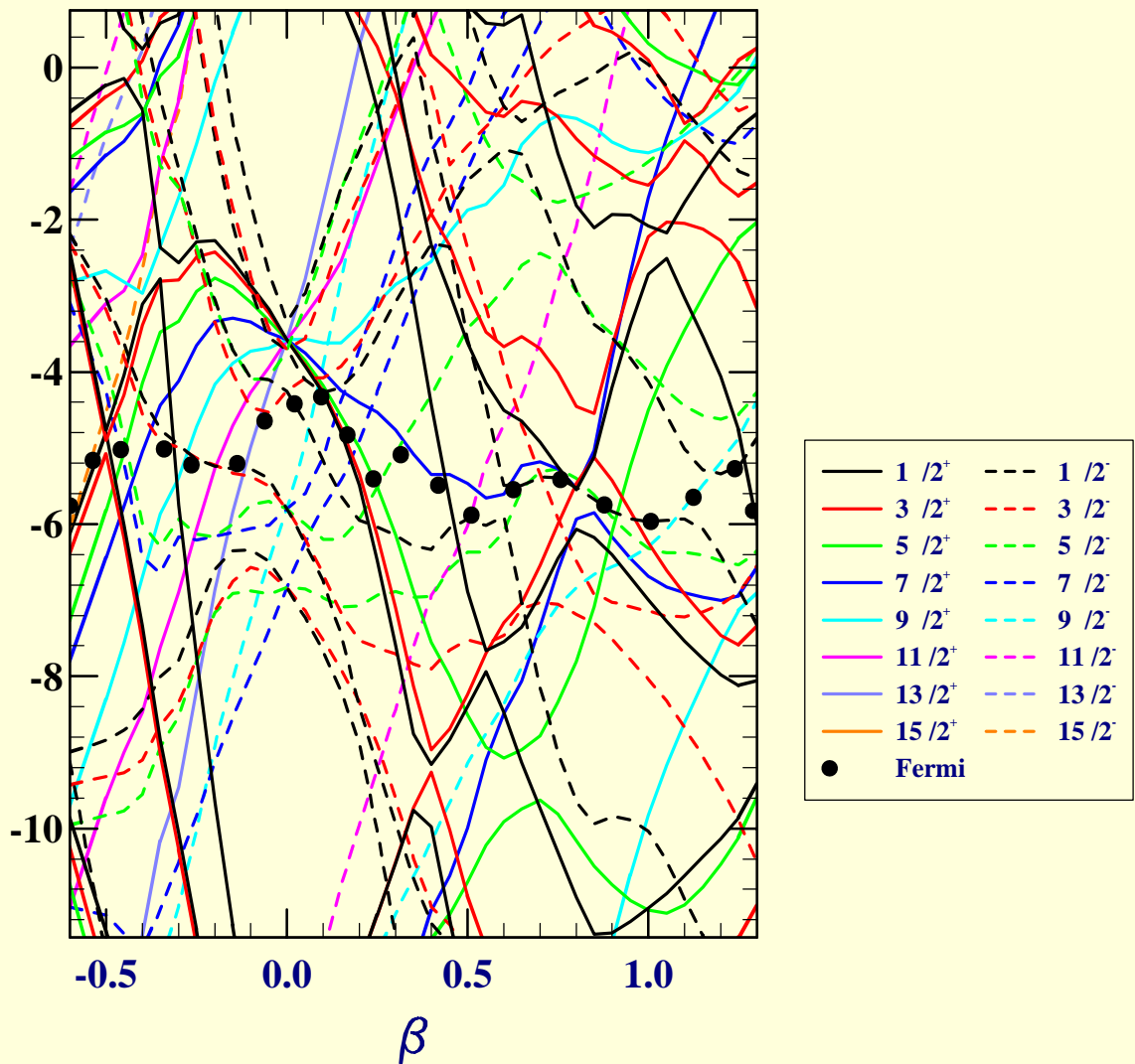


$^{166}_{64}\text{Gd}_{102}$

### Protons



### Neutrons



- |                     |                         |
|---------------------|-------------------------|
| — 1/2 <sup>+</sup>  | - - - 1/2 <sup>-</sup>  |
| — 3/2 <sup>+</sup>  | - - - 3/2 <sup>-</sup>  |
| — 5/2 <sup>+</sup>  | - - - 5/2 <sup>-</sup>  |
| — 7/2 <sup>+</sup>  | - - - 7/2 <sup>-</sup>  |
| — 9/2 <sup>+</sup>  | - - - 9/2 <sup>-</sup>  |
| — 11/2 <sup>+</sup> | - - - 11/2 <sup>-</sup> |
| — 13/2 <sup>+</sup> | - - - 13/2 <sup>-</sup> |
| — 15/2 <sup>+</sup> | - - - 15/2 <sup>-</sup> |
| ● Fermi             |                         |