

proton energy spacings and to the high angular momentum of the lowest lying ( $\frac{7}{2} - [514]$ ) proton orbital.

It may be of interest to note, as can be seen in Figs. 1 and 2, that a similar situation will occur in the  $Z=105$  isotopes, where the  $\frac{9}{2} + [615]$  proton is the lowest lying state. In the case of the  $N=155$  and  $157$  species, mass 260 and mass 262 should have isomeric states which have long half-lives for alpha emission. However, these species may well decay primarily by spontaneous fission.

#### REFERENCES

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