

## **Lmax evaluation for complete fusion**

G.S. Hassan

*Physics Department, Assiut University, 71516 Assiut , Egypt*

the maximum values of angular momentum  $l_{max}$  , represents the upper limit of summing all the partial parts for fusion cross section .An effective definition for that limit has been checked , for complete fusion . Also a comparison with both  $l_{fus}$  and  $l_{cr}$  , taken as limiting values were displayed . The effect of the nuclear part of the barrier height and approximation technique have been checked to approach the best fit of the measured fusion excitation functions .