$2 \cdot \mathbf{p} \cdot \boldsymbol{\pi} \cdot \frac{\mathbf{r}}{\mathbf{n}} = \frac{\mathbf{h}}{(\mathbf{mq} \cdot (\boldsymbol{\beta} \cdot \mathbf{v}))}$ $\frac{\mathrm{mq}}{\sqrt{1-\frac{\mathrm{v}^{2}}{\mathrm{c}^{2}}}} \cdot \frac{\mathrm{v}^{2}}{\mathrm{r}} = \frac{1}{4} \cdot \frac{\mathrm{ce}^{2}}{\left[\pi \cdot \left(\varepsilon \cdot \mathrm{r}^{2}\right)\right]} \qquad \mathsf{R} + \mathsf{FB}$



$$p := 1, 2... 140$$





Note that at the maximum attainable p value (about 120), the radius has dropped to well below 4 fm. Muonic fusion occurs at a distance of about 250 fm, which equates to a p value of 14-15. Consequently it would seem it ought to be reasonably easy to facilitate fusion through shrunken hydrogen.

Example:-

p := 1,2..10

 $\operatorname{Ep}_{p} \coloneqq \operatorname{E}_{rls}(2,1,p)$

| | | 0 | |
|------|----|-----------------------|-----|
| Ep = | 0 | 0 | ۰eV |
| | 1 | 13.598 | |
| | 2 | 54.39 | |
| | 3 | 122.37 | |
| | 4 | 217.526 | |
| | 5 | 339.844 | |
| | 6 | 489.304 | |
| | 7 | 665.881 | |
| | 8 | 869.549 | |
| | 9 | 1.1•10 ³ | |
| | 10 | 1.358•10 ³ | |

