Input a value into supplied fortran program, record maximum y output, find relationship

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| input a | max y | |  | | --- | |  | |  |  |  |  |  |  |  |
| 1.05 | 0.0309 |  |  |  |  |  |  |  |  |
| 1.1 | 0.0589 |  |  |  |  |  |  |  |  |
| 1.15 | 0.0844 |  |  |  |  |  |  |  |  |
| 1.2 | 0.1074 |  |  |  |  |  |  |  |  |
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See handwritten calculations solving for desired a values