

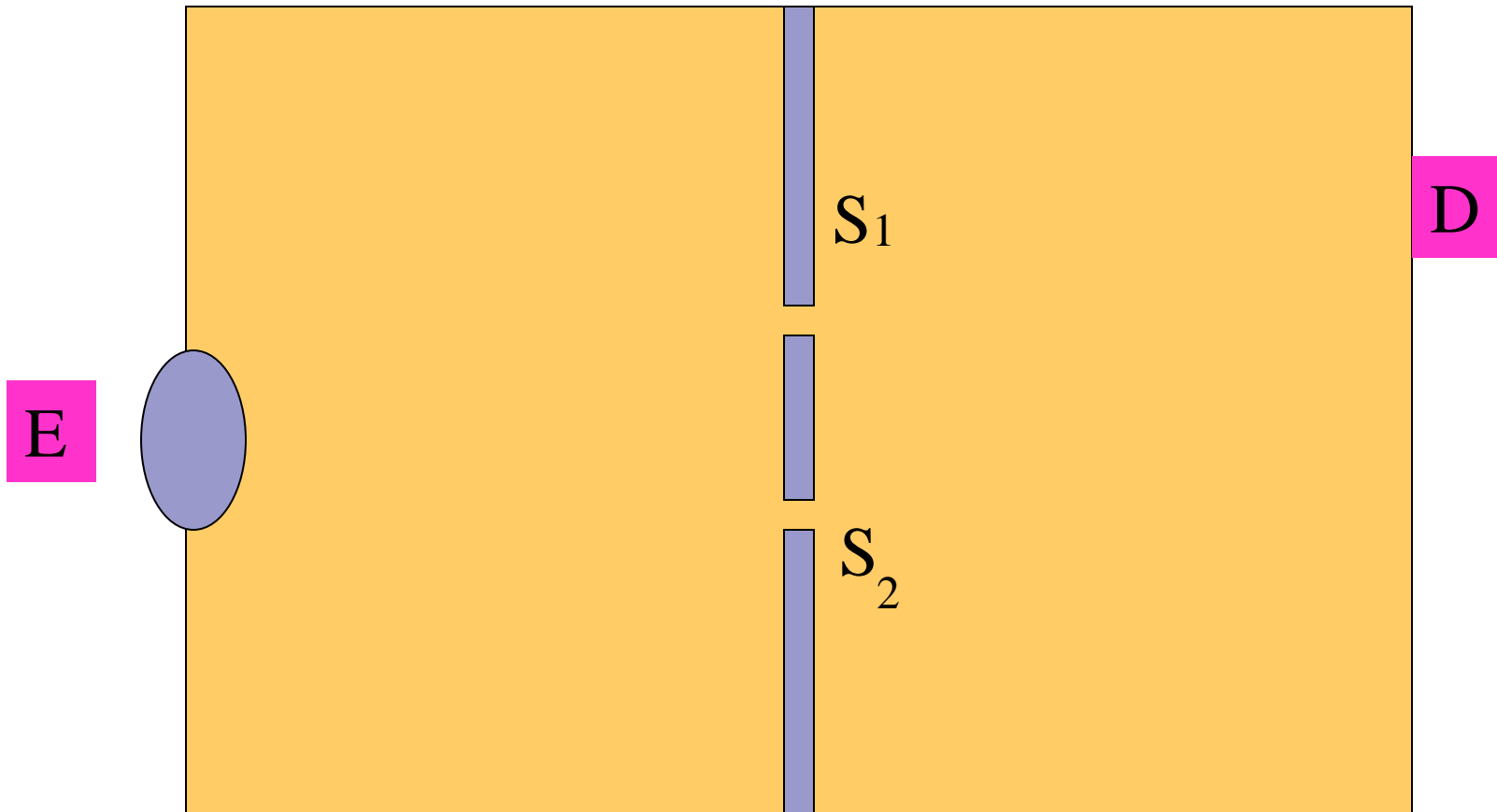


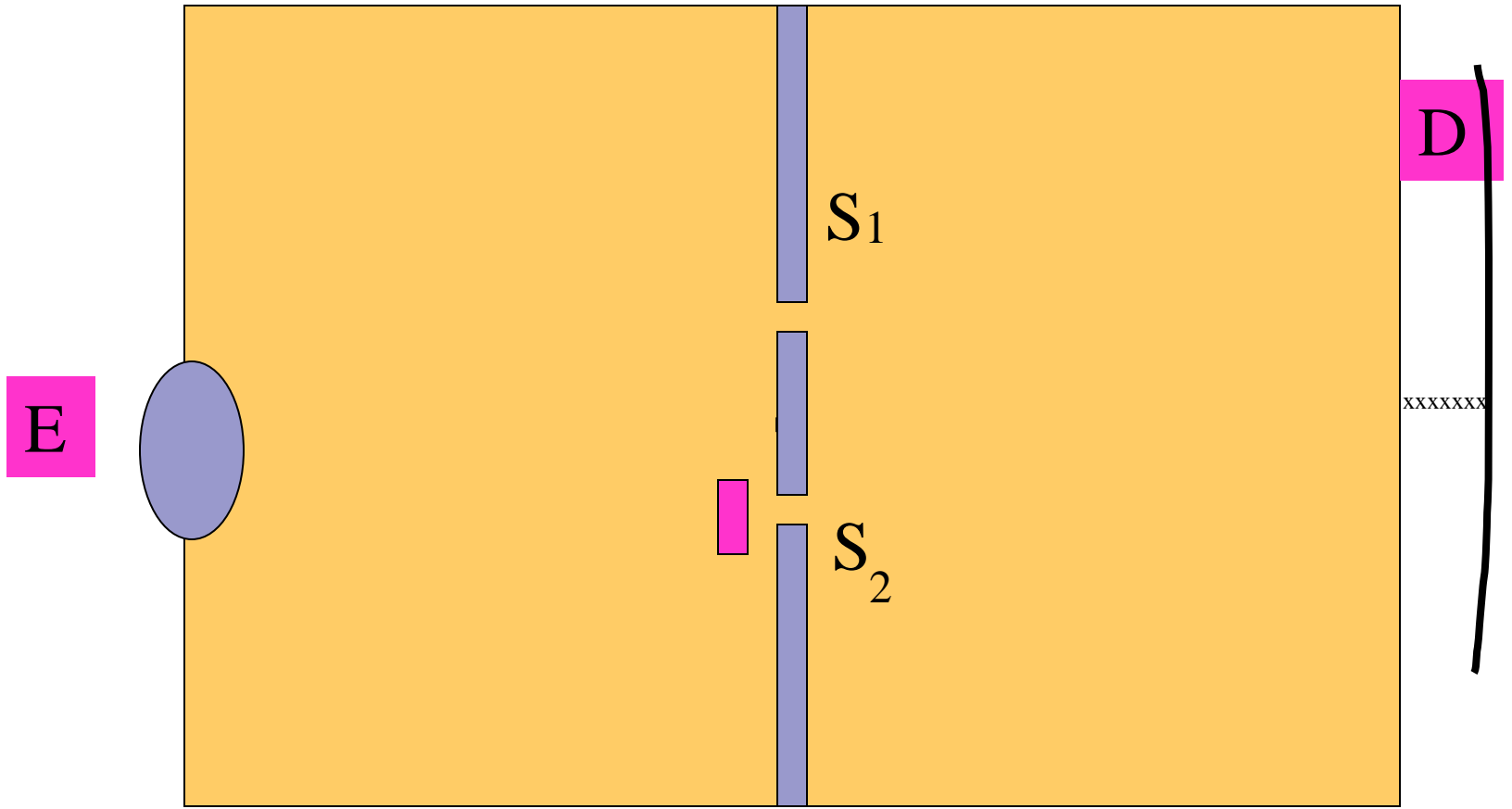
When you come to a fork in the road

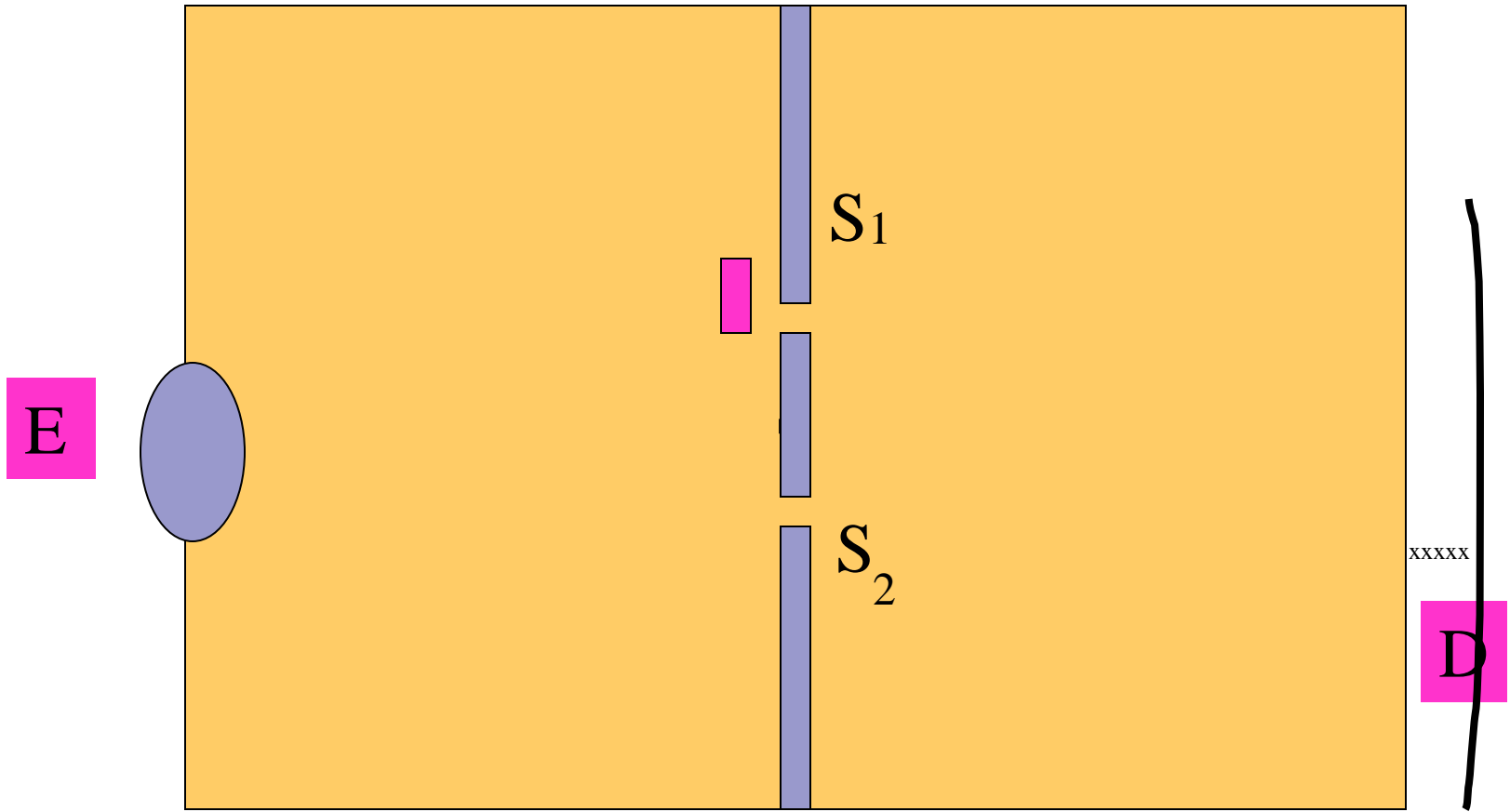
- Take it!

Yogi Berra's Guide to Quantum
Mechanics

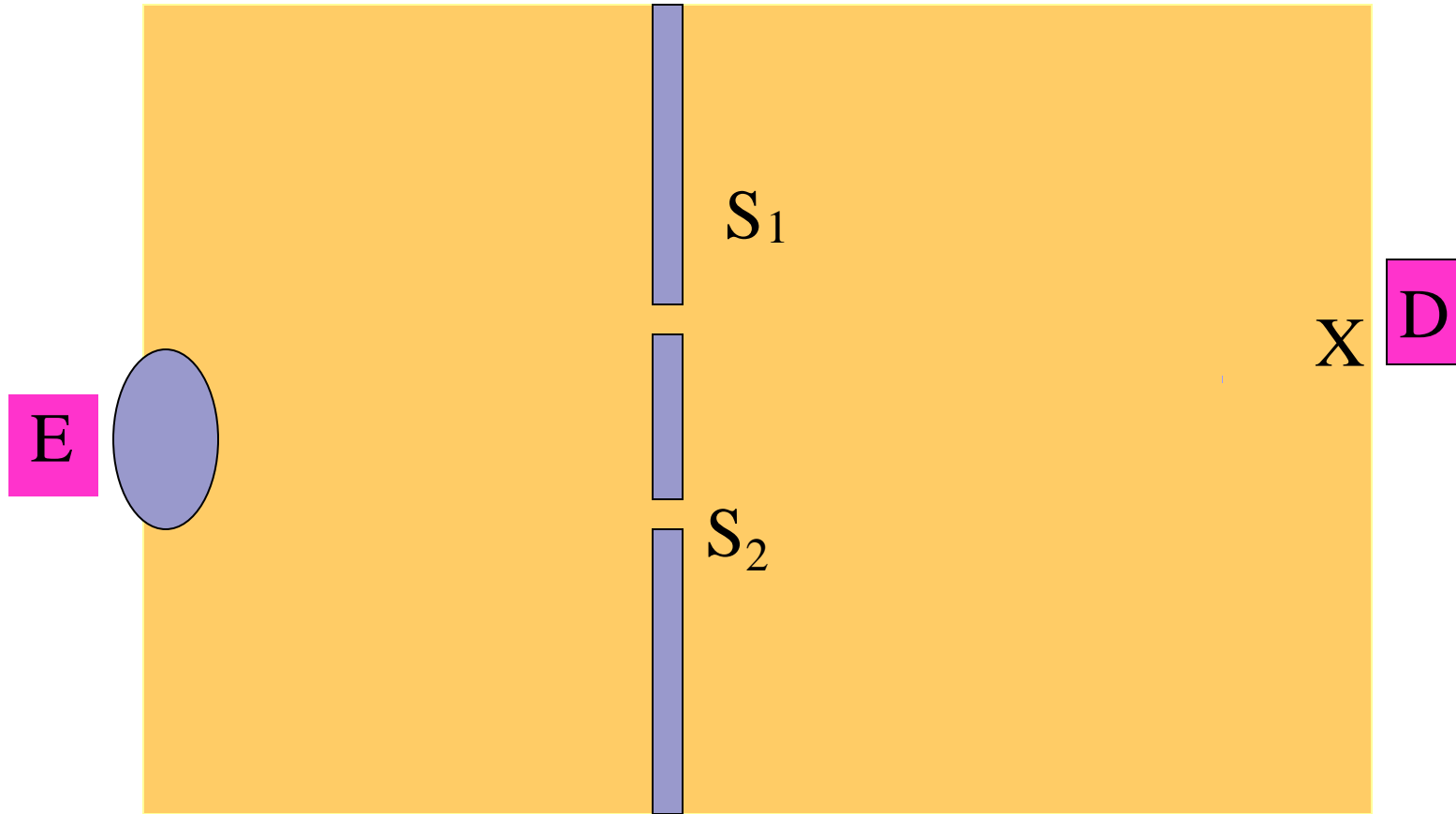
The double slit experiment



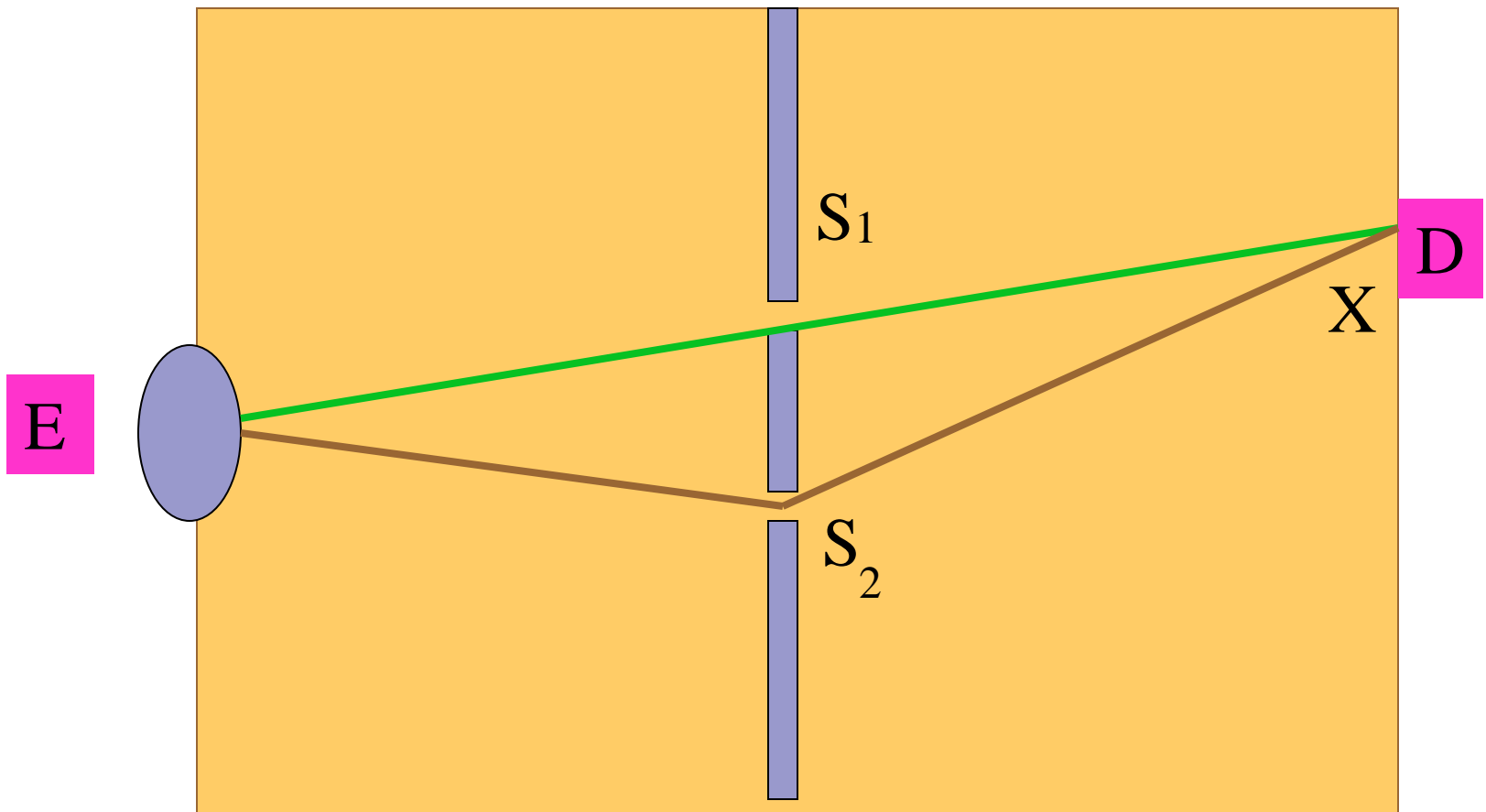




Both open-what do you expect at X?

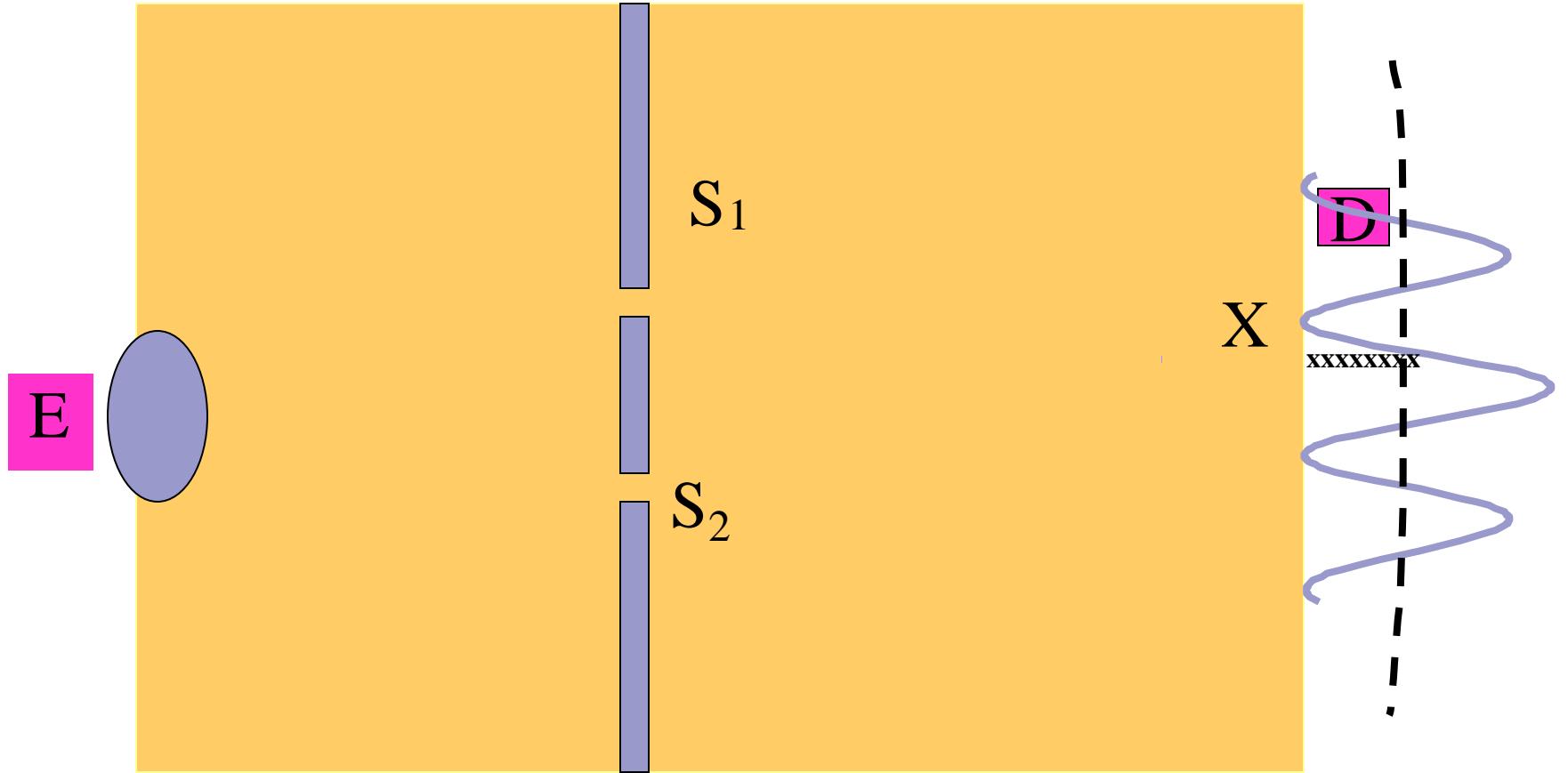


The end of Newtonian physics



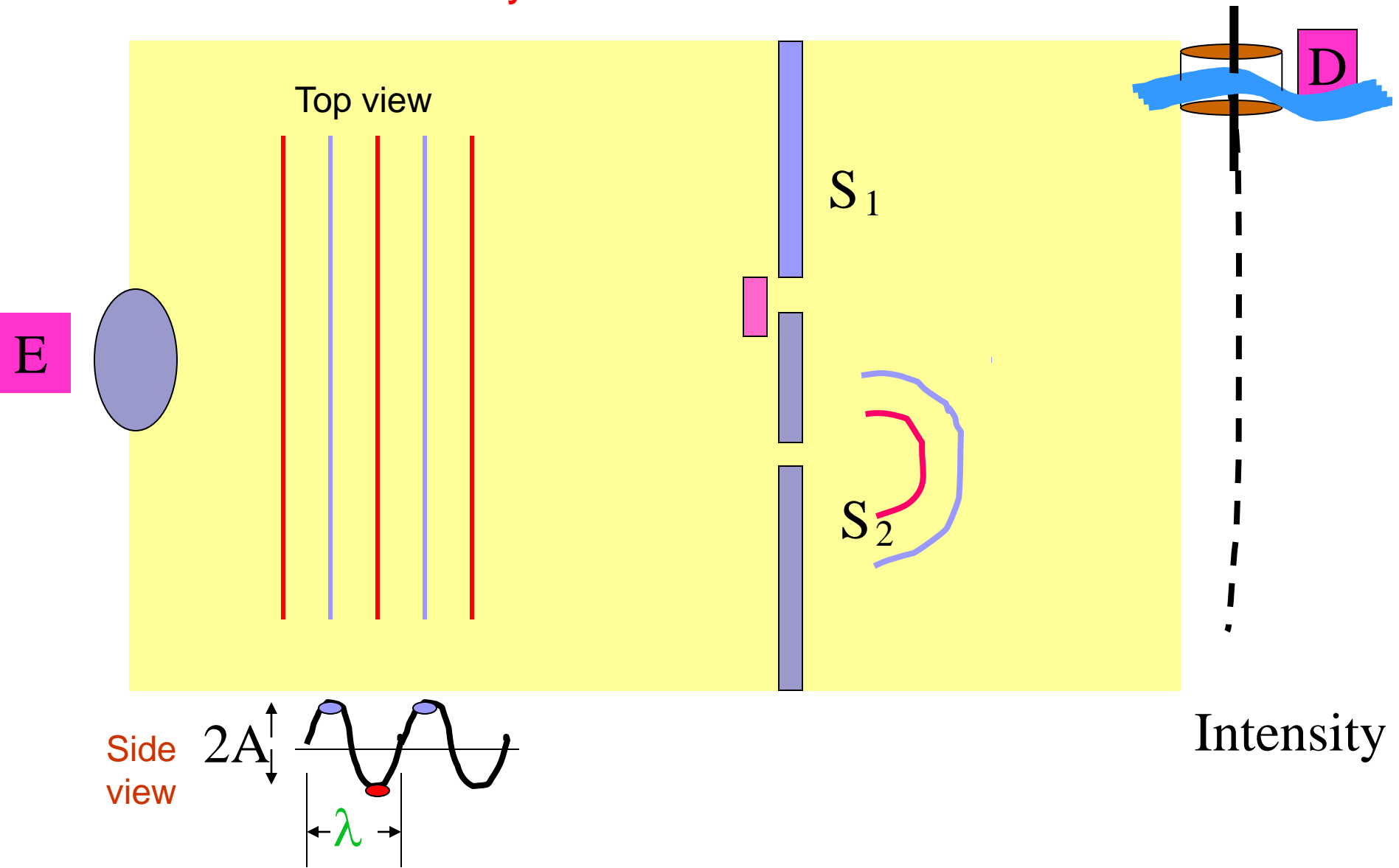
What happens when you close a slit? Firing squad

OS Theories

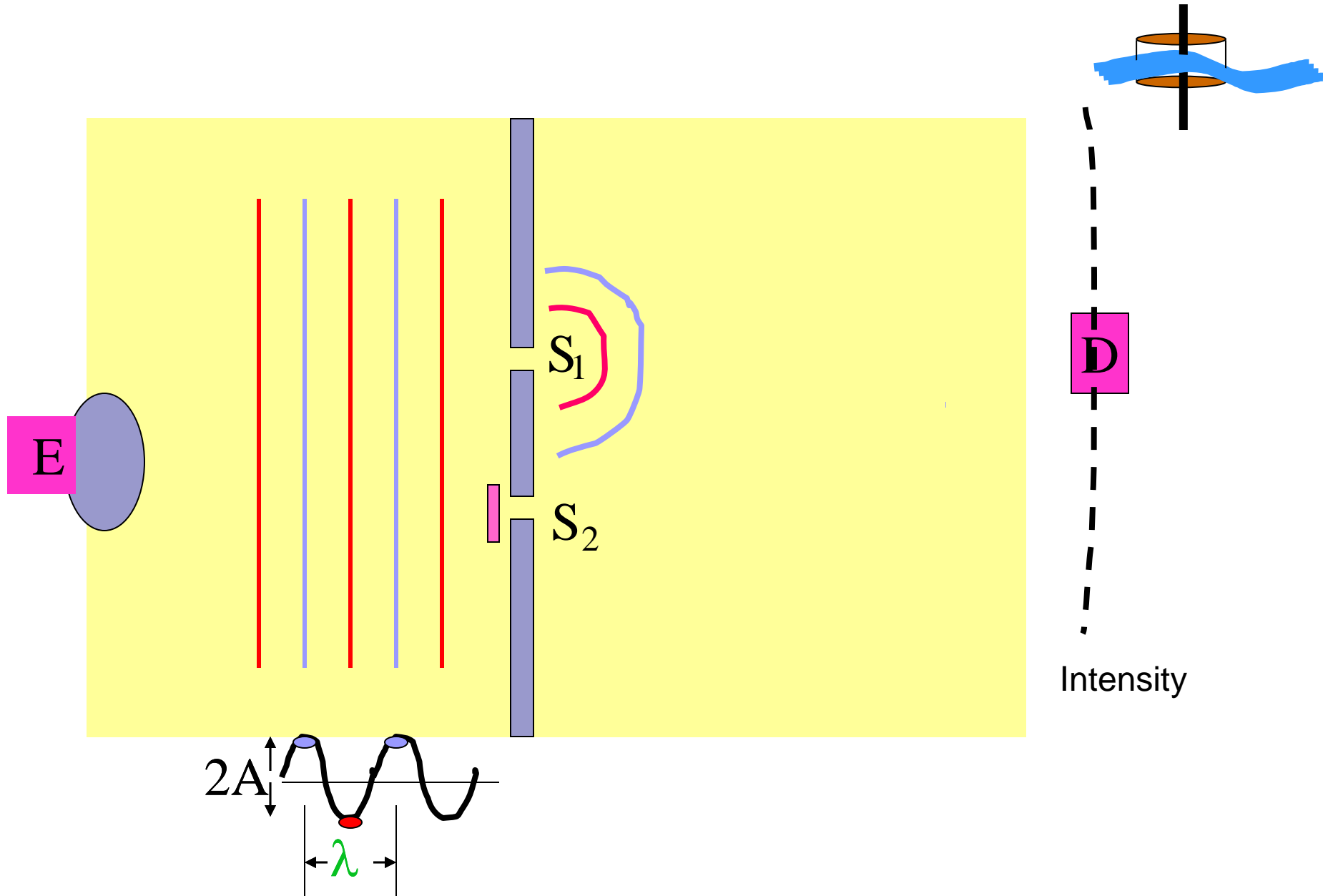


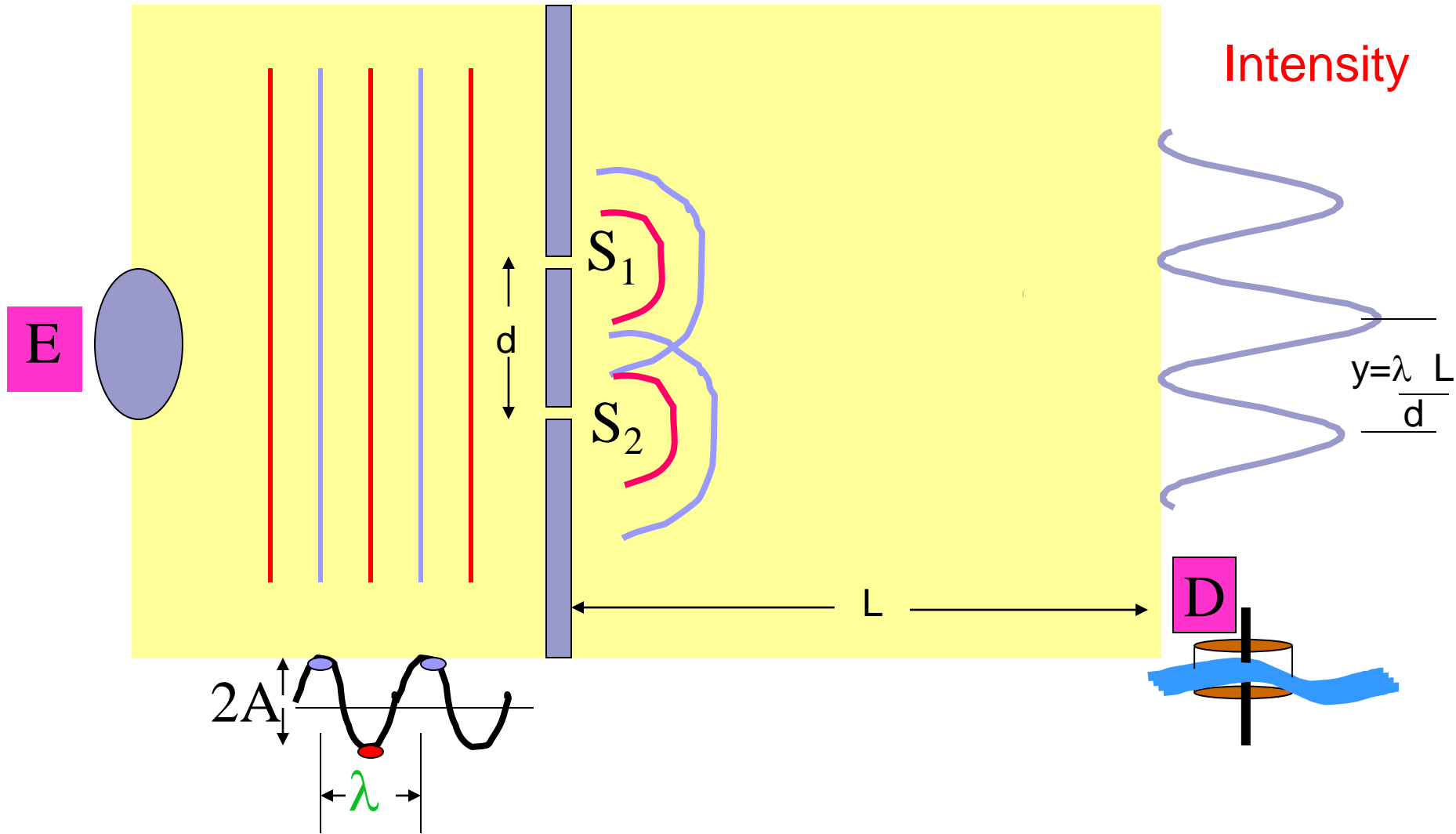
A familiar pattern...

Intensity $I = A^2$

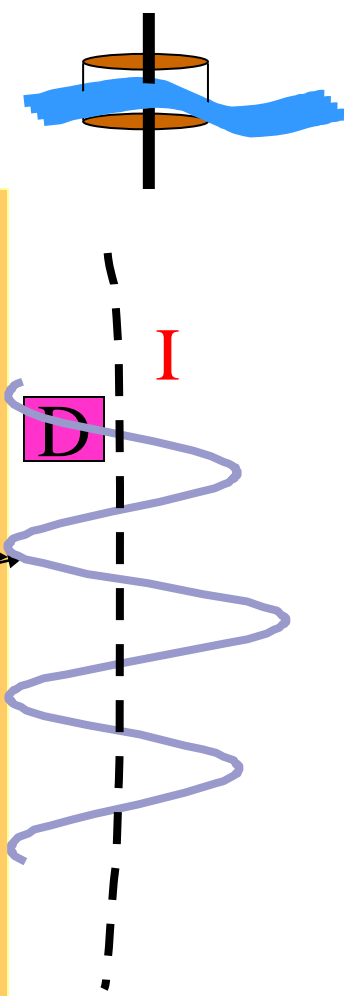
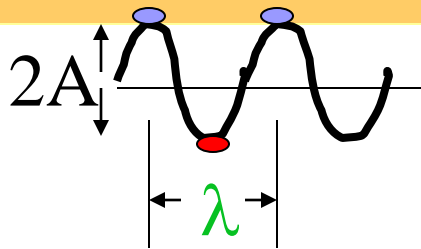
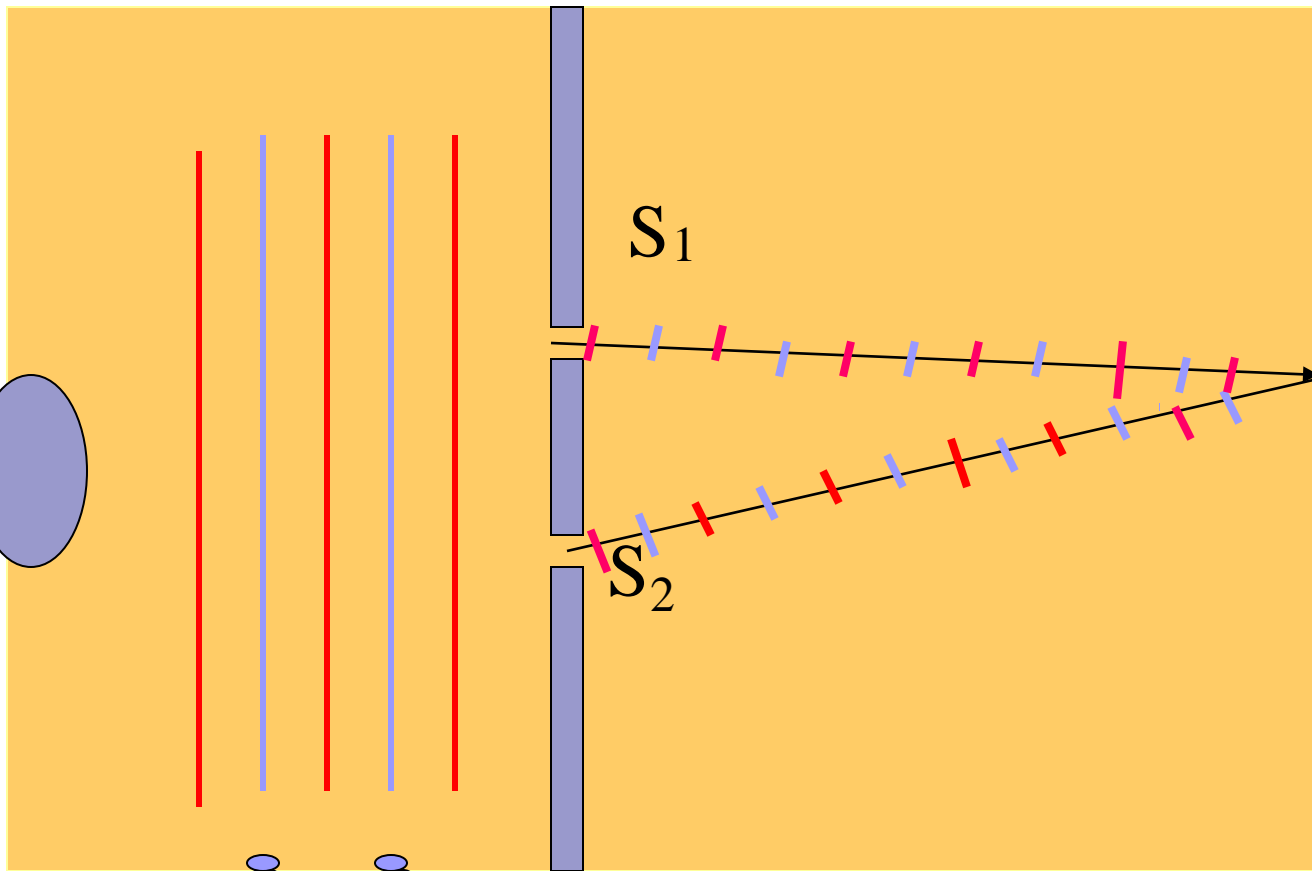


Intensity

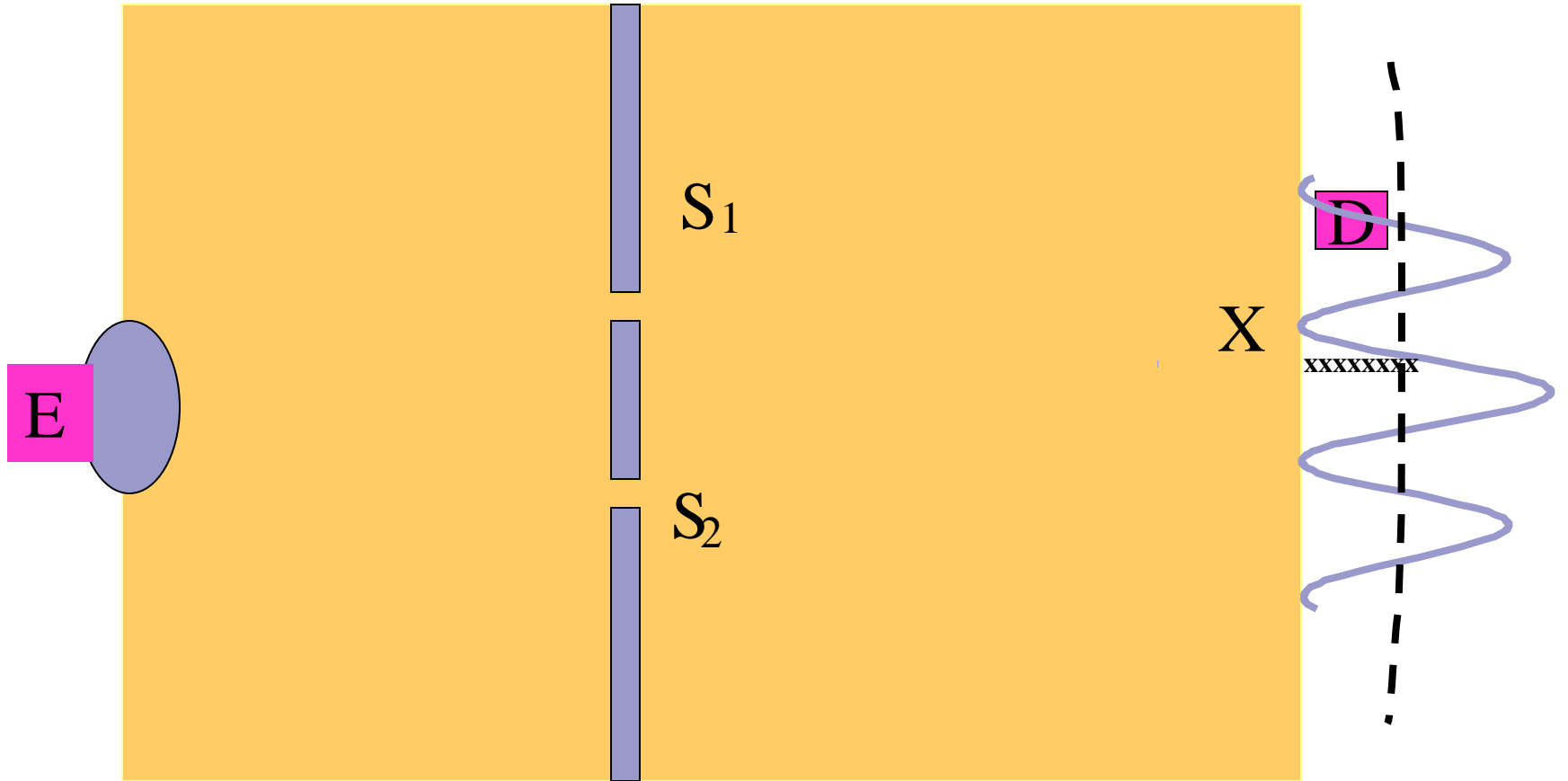




E



Back to electrons



$$\lambda = \frac{h}{mv}$$

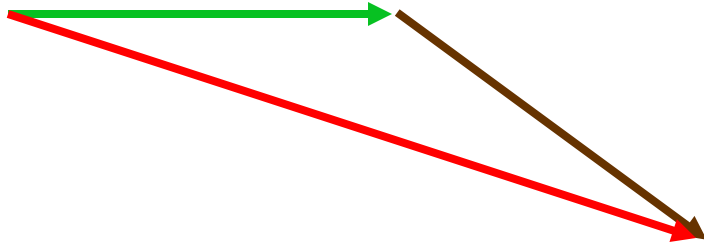
$$h \sim 10^{-34}$$



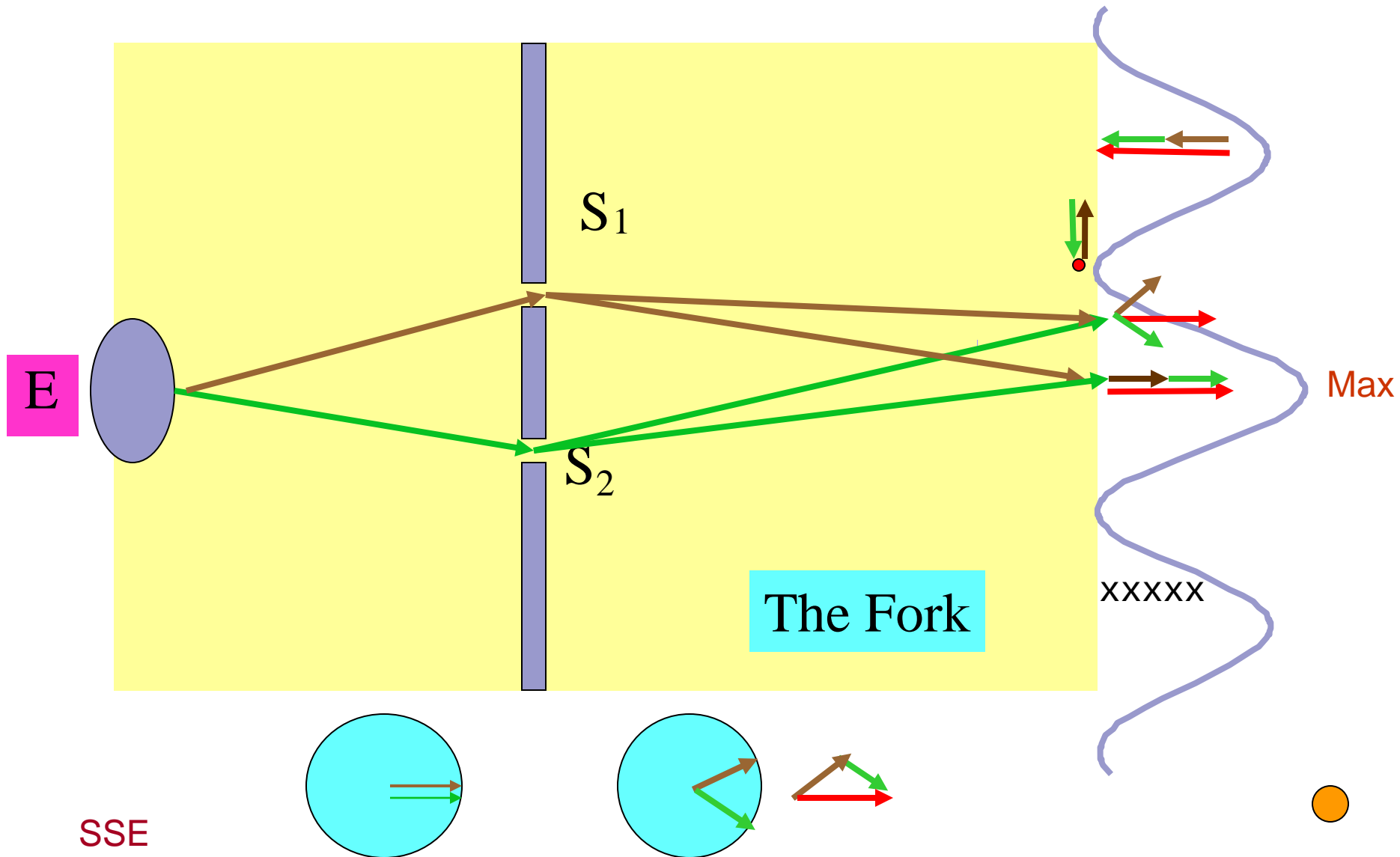
Instead of waves do Feynman



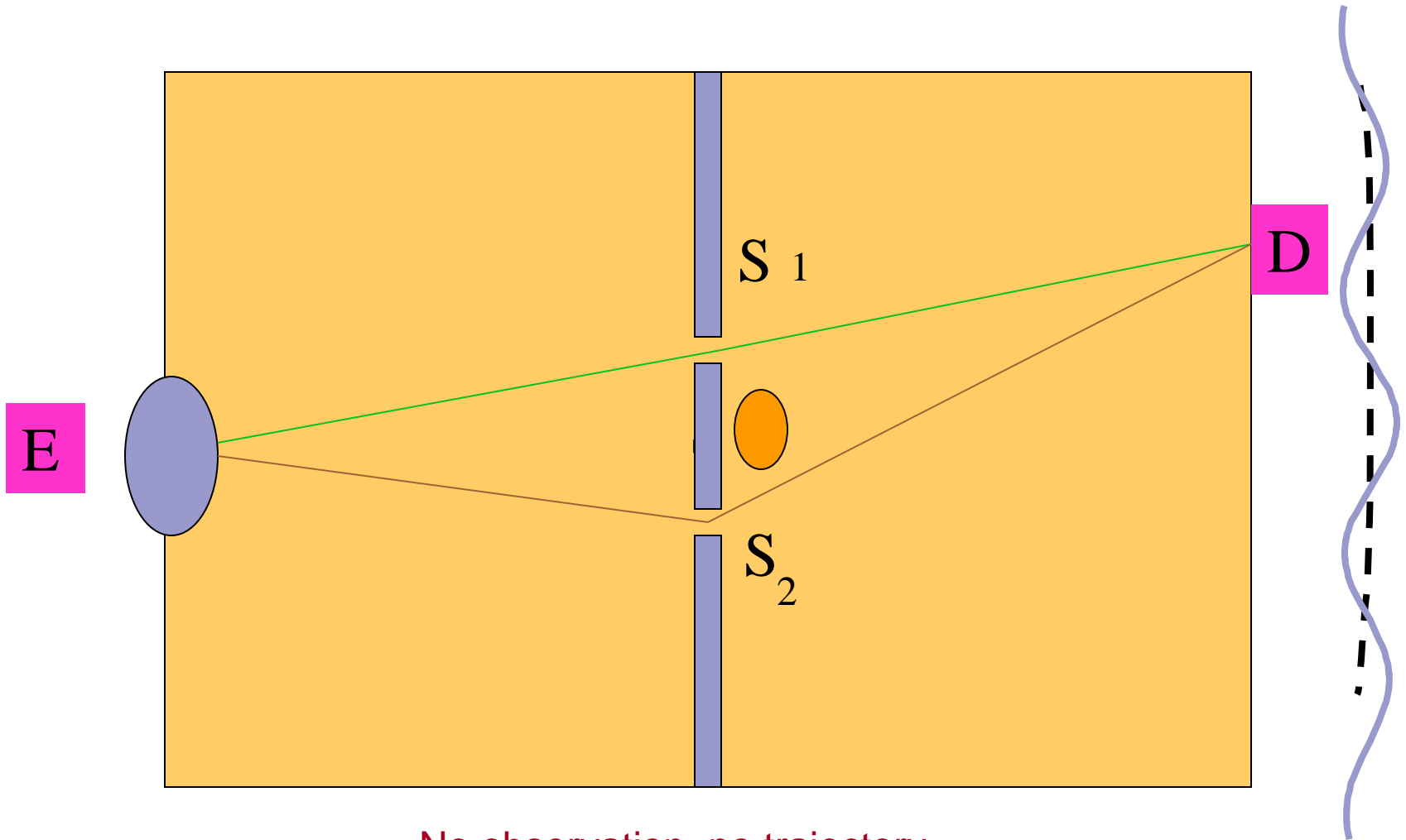
Adding arrows



Feynman: Arrival rate = $|\rightarrow|^2$



Let there be light



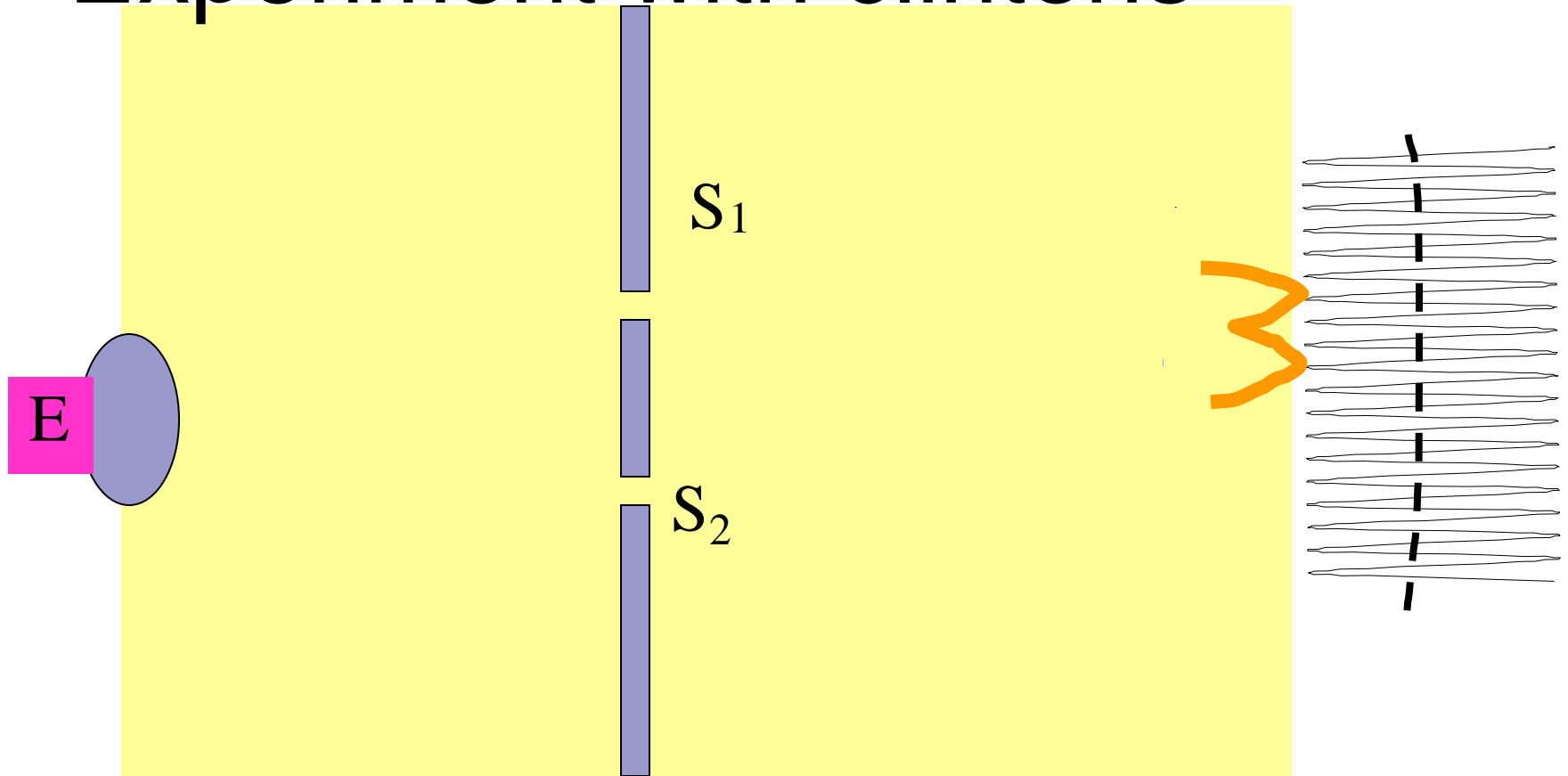
No observation, no trajectory



You can see a lot

by just observing

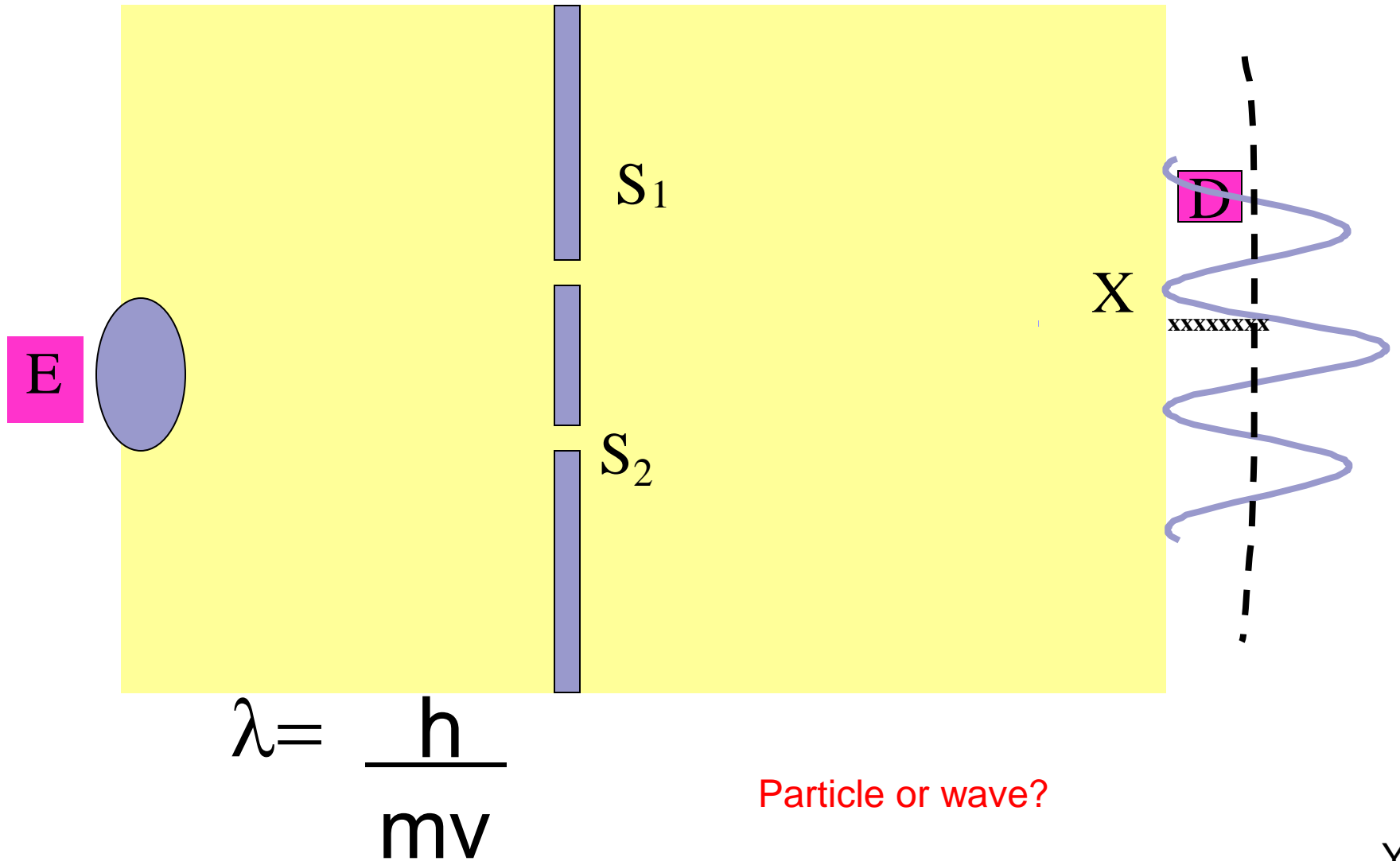
Experiment with clintons



$$\lambda = 10^{-34}$$

?

Probabilistic interpretation (the grief)

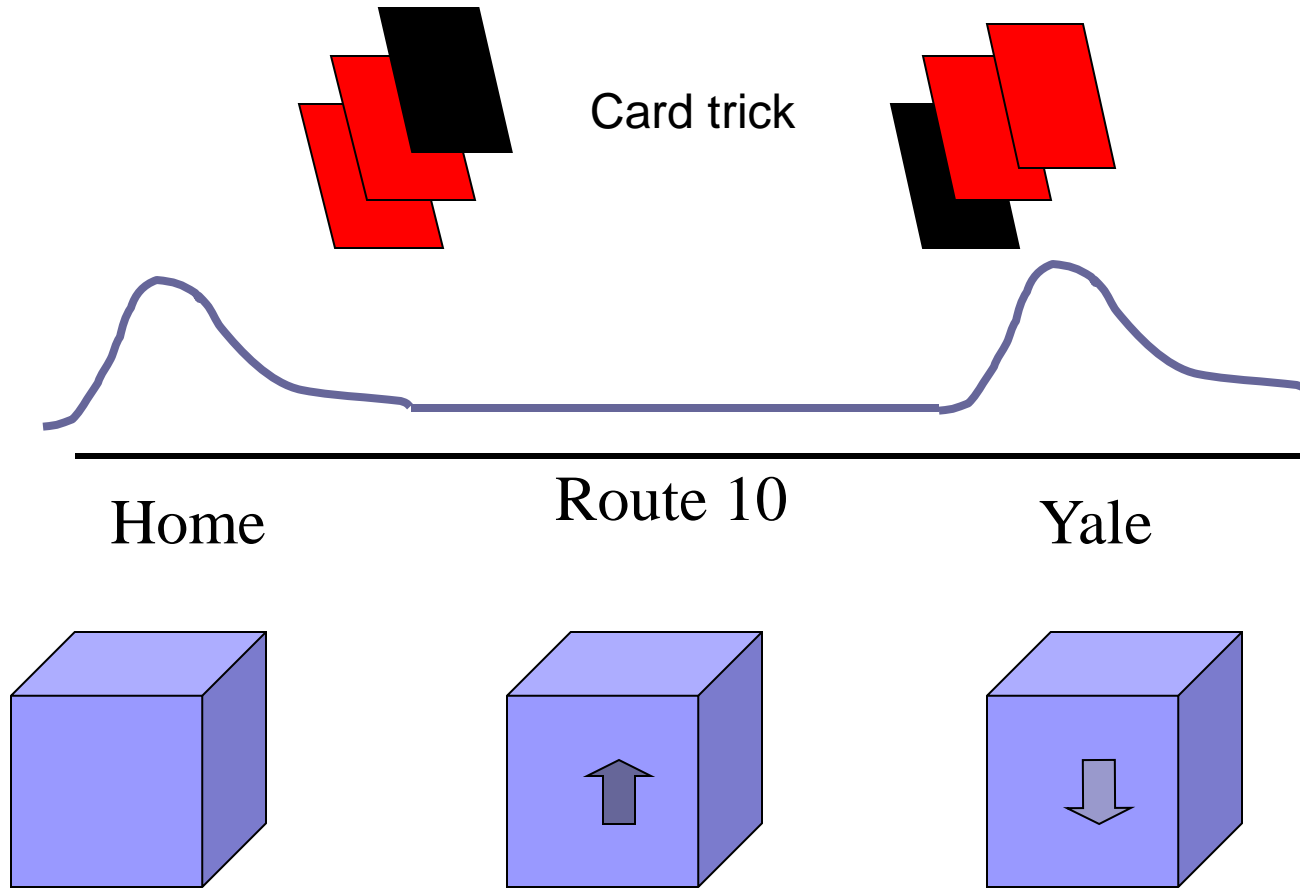




"It's tough to make predictions,

especially about the
future "

THE ROLE OF PROBABILITY IN CM AND QM



QBITS



No one goes there anymore

It is too crowded

You must **always** attend other people's births

- Or they won't come to yours

