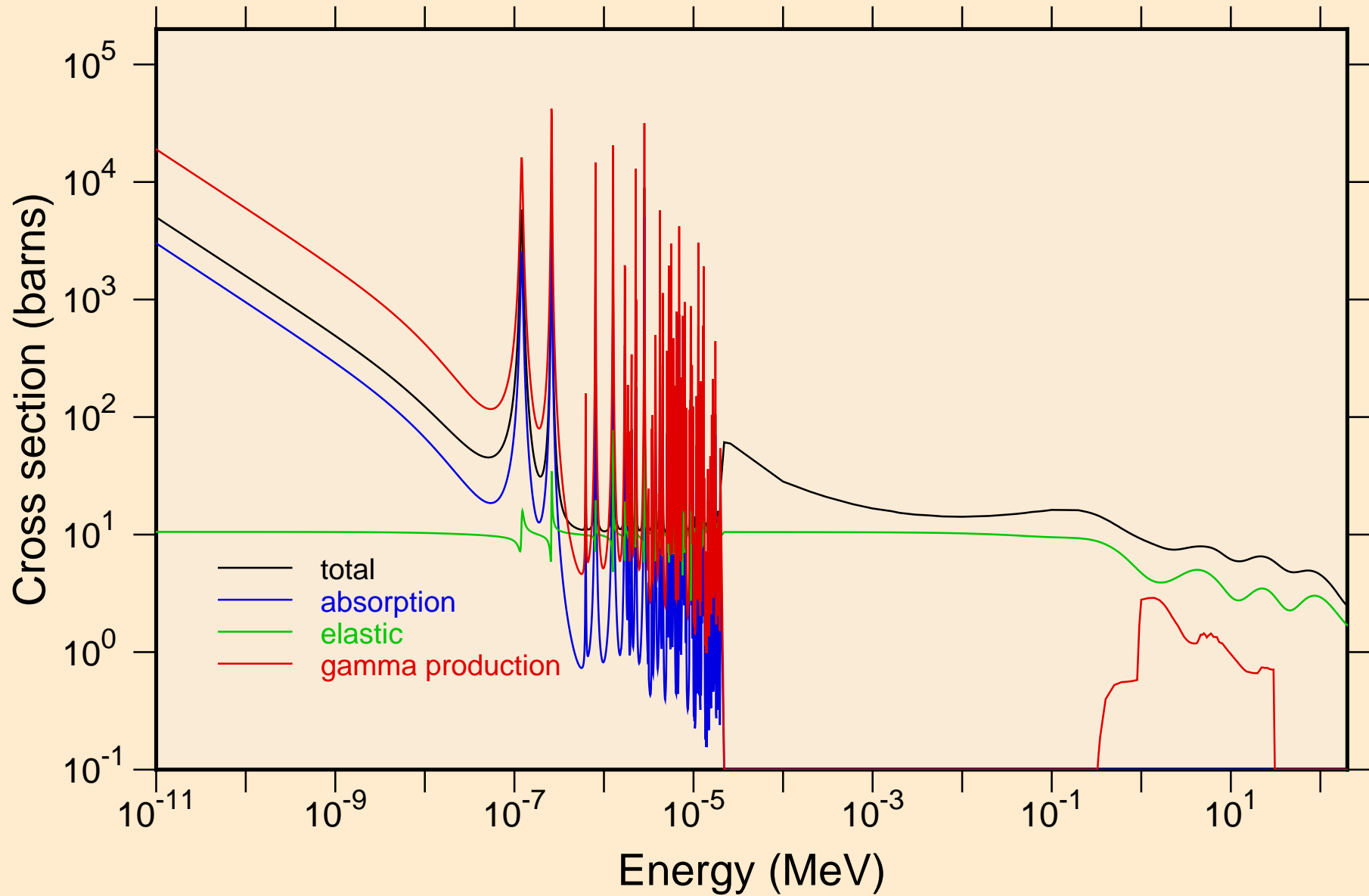
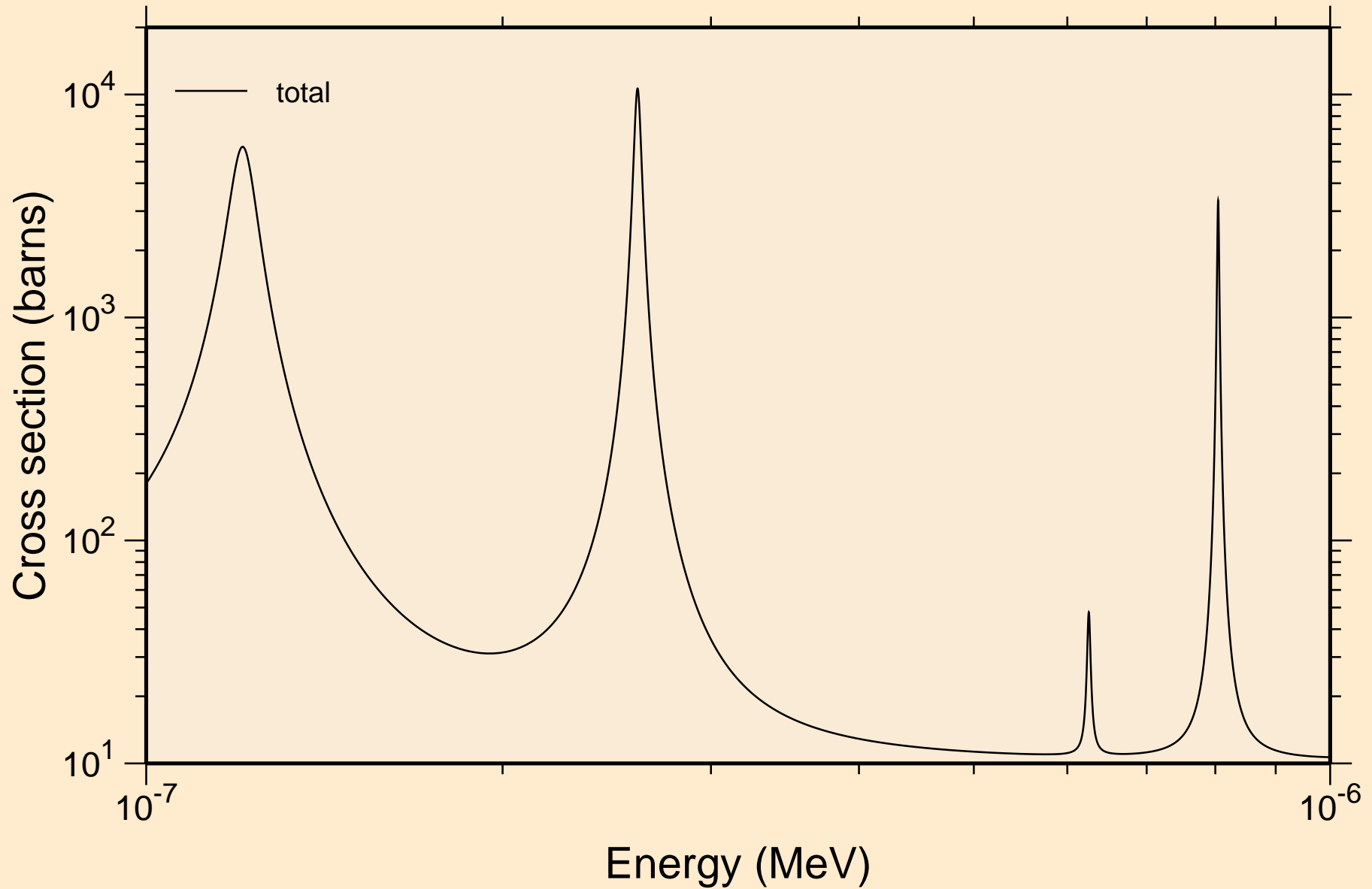


# DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

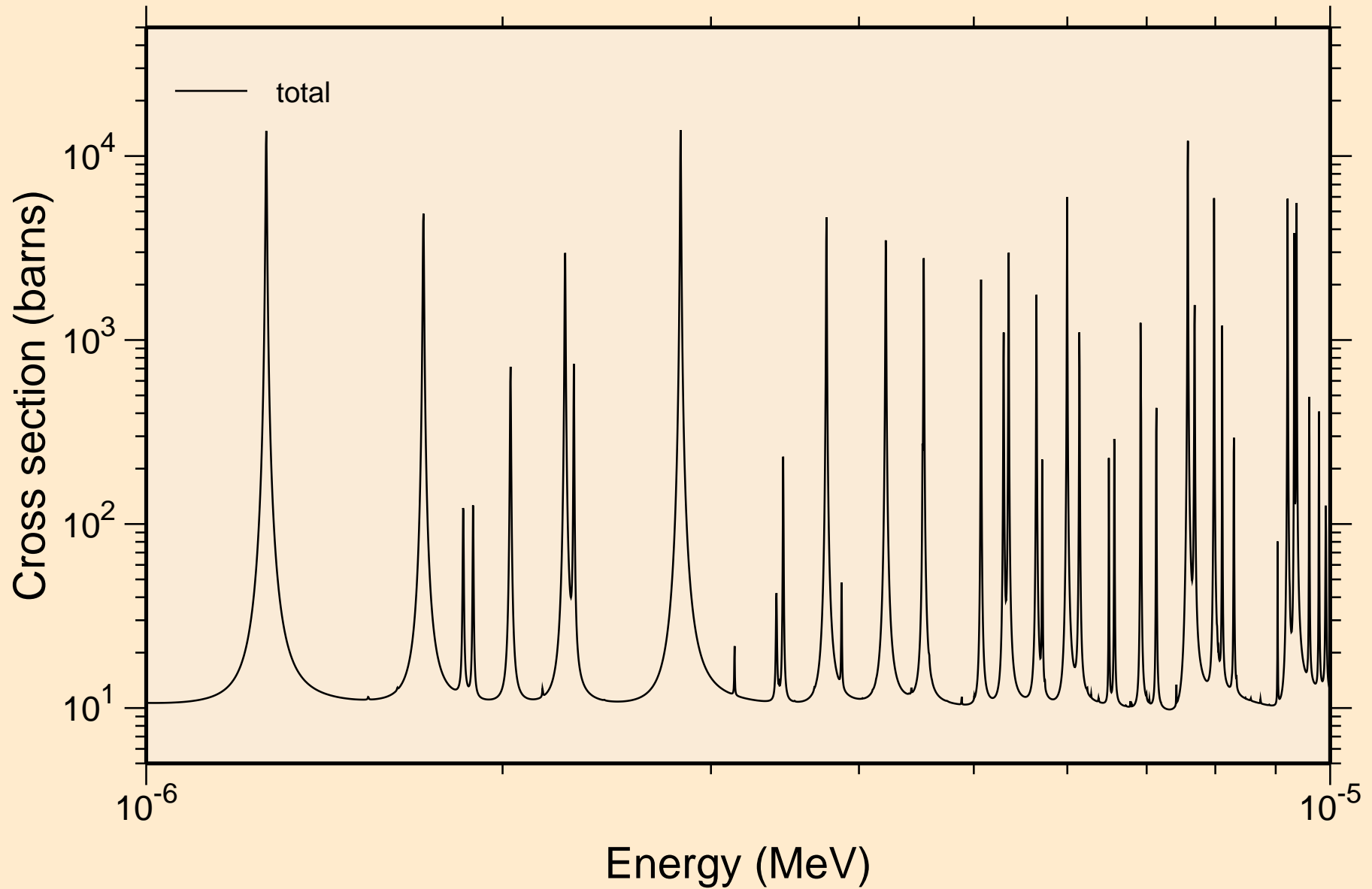
## Principal cross sections



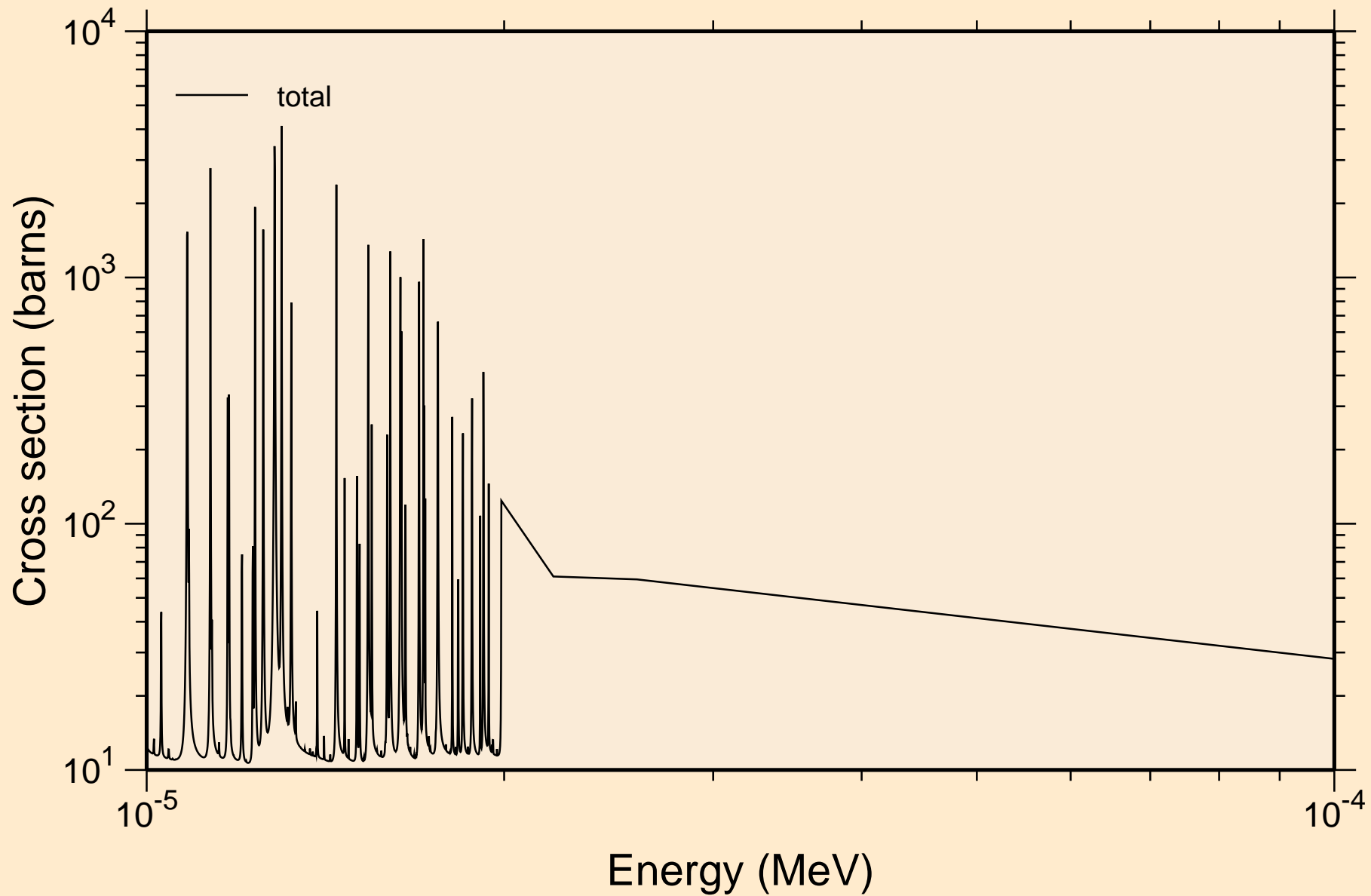
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resonance total cross section



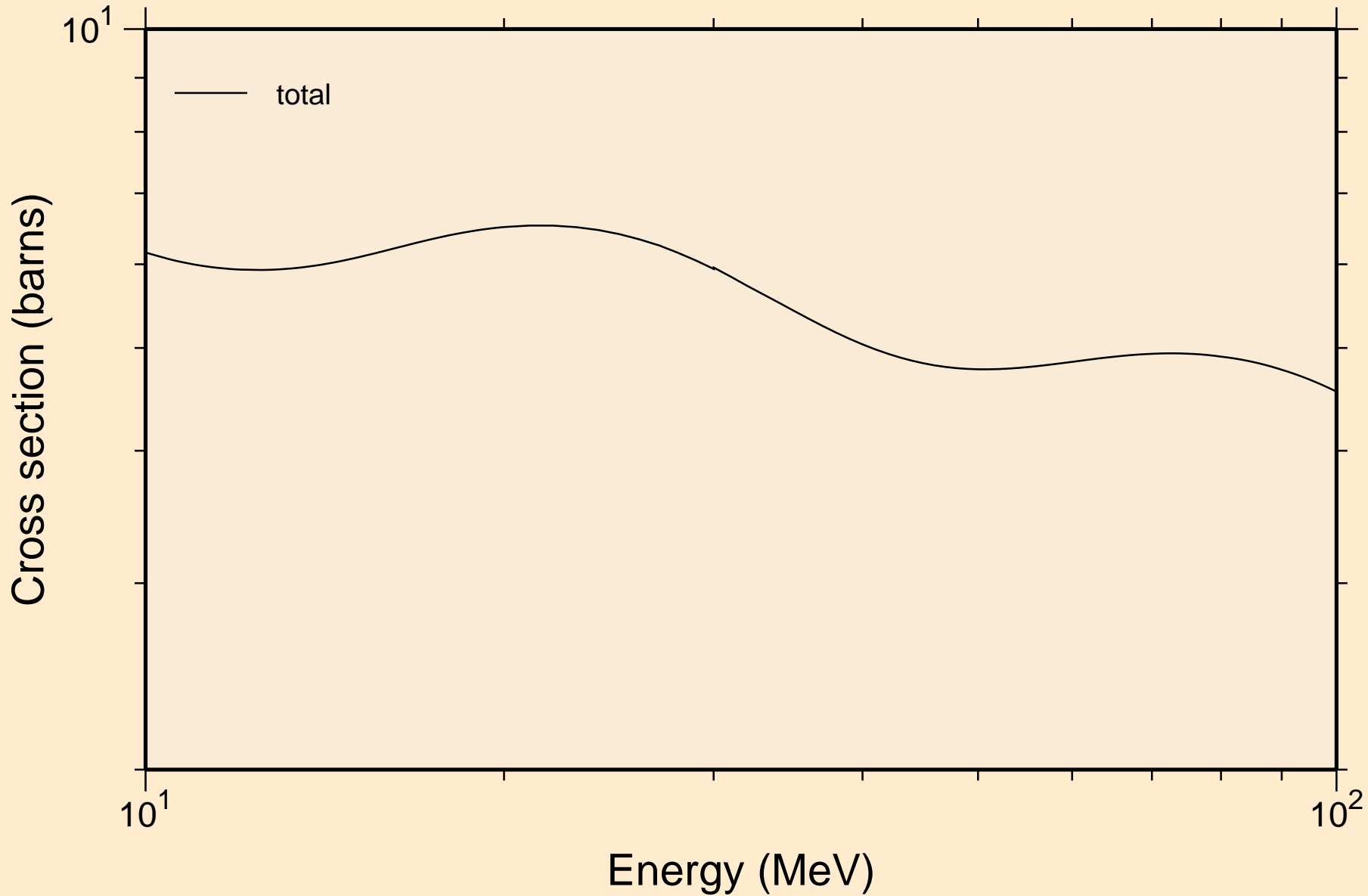
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resonance total cross section



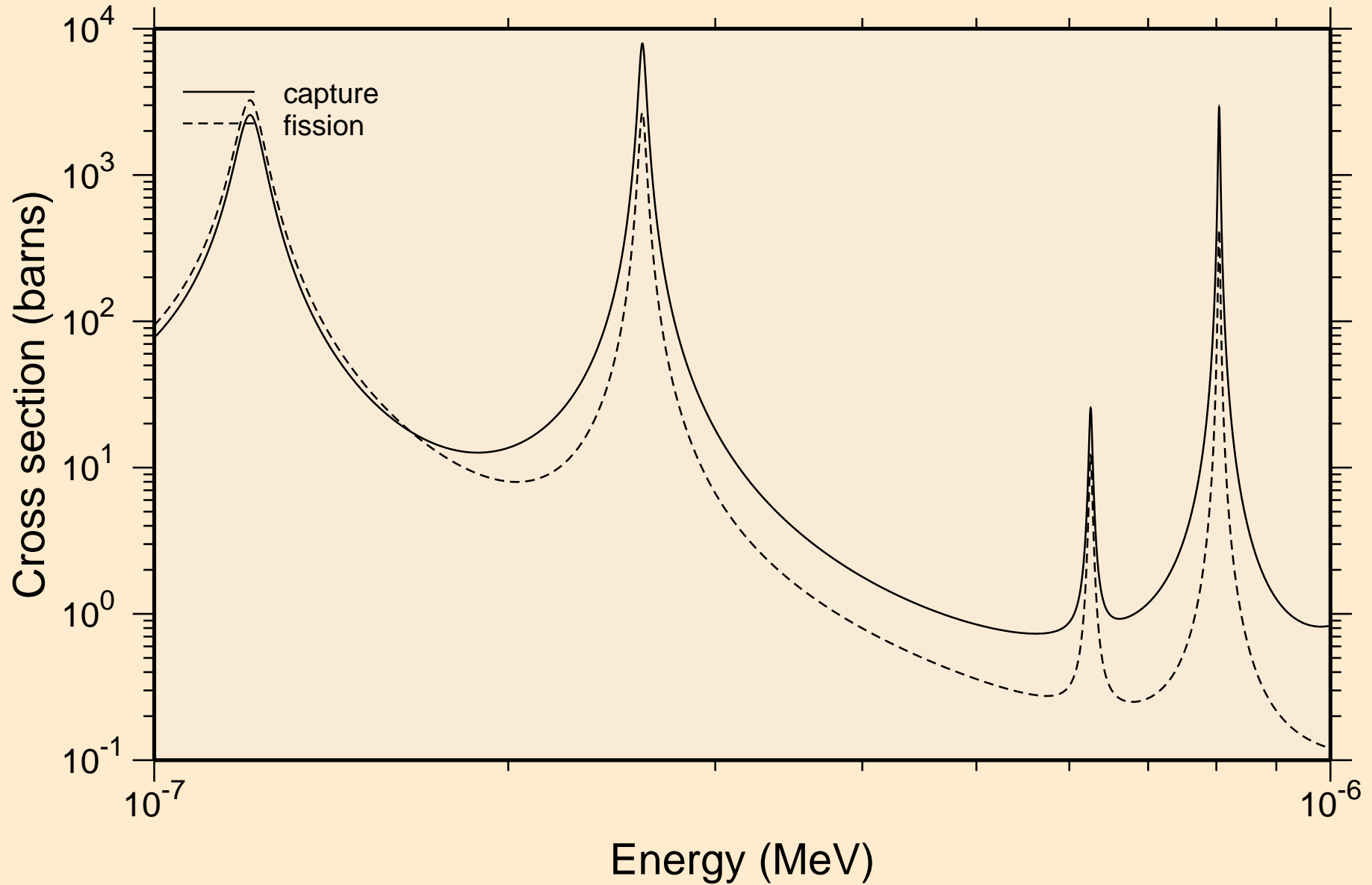
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resonance total cross section



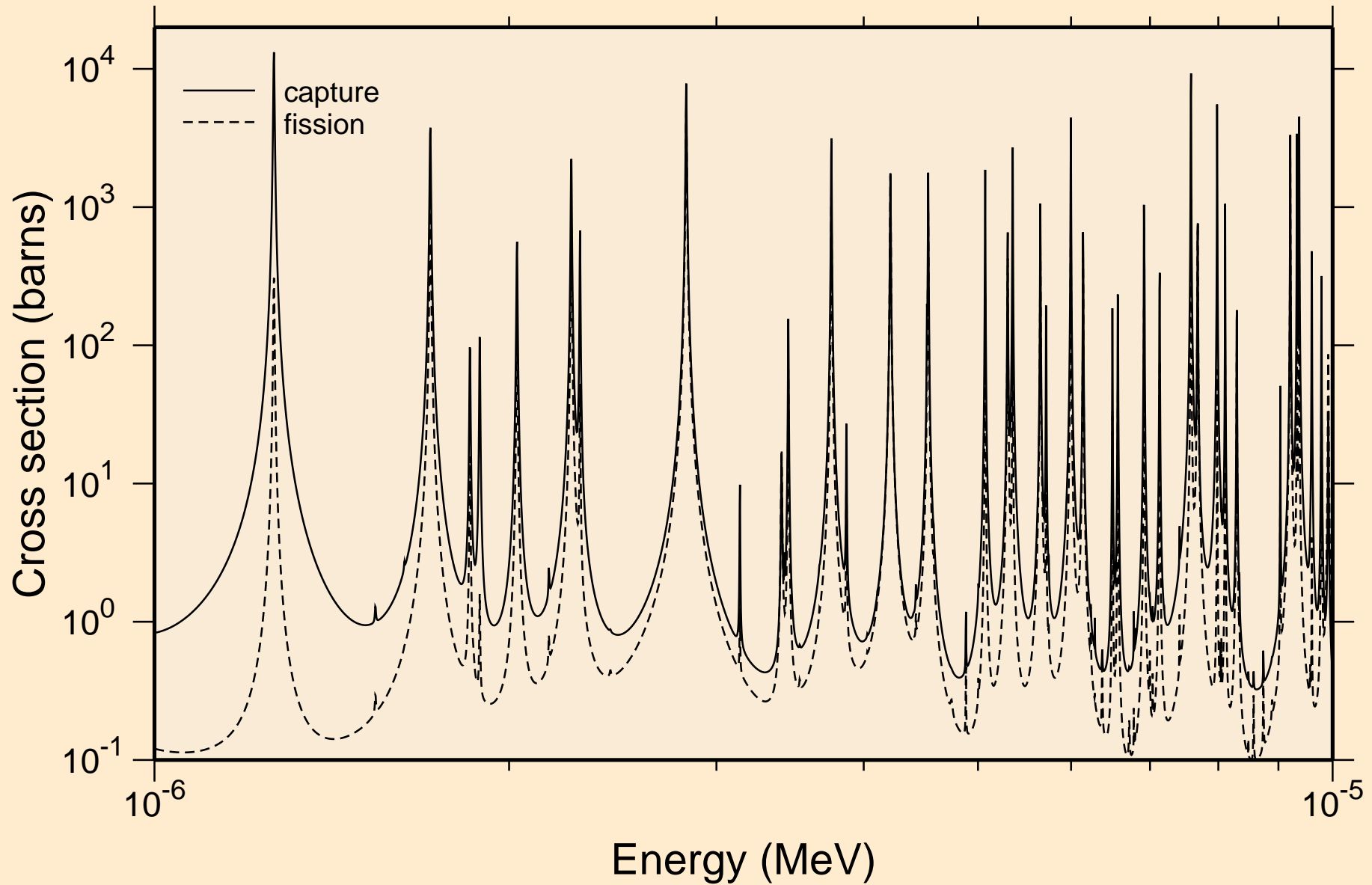
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resonance total cross section



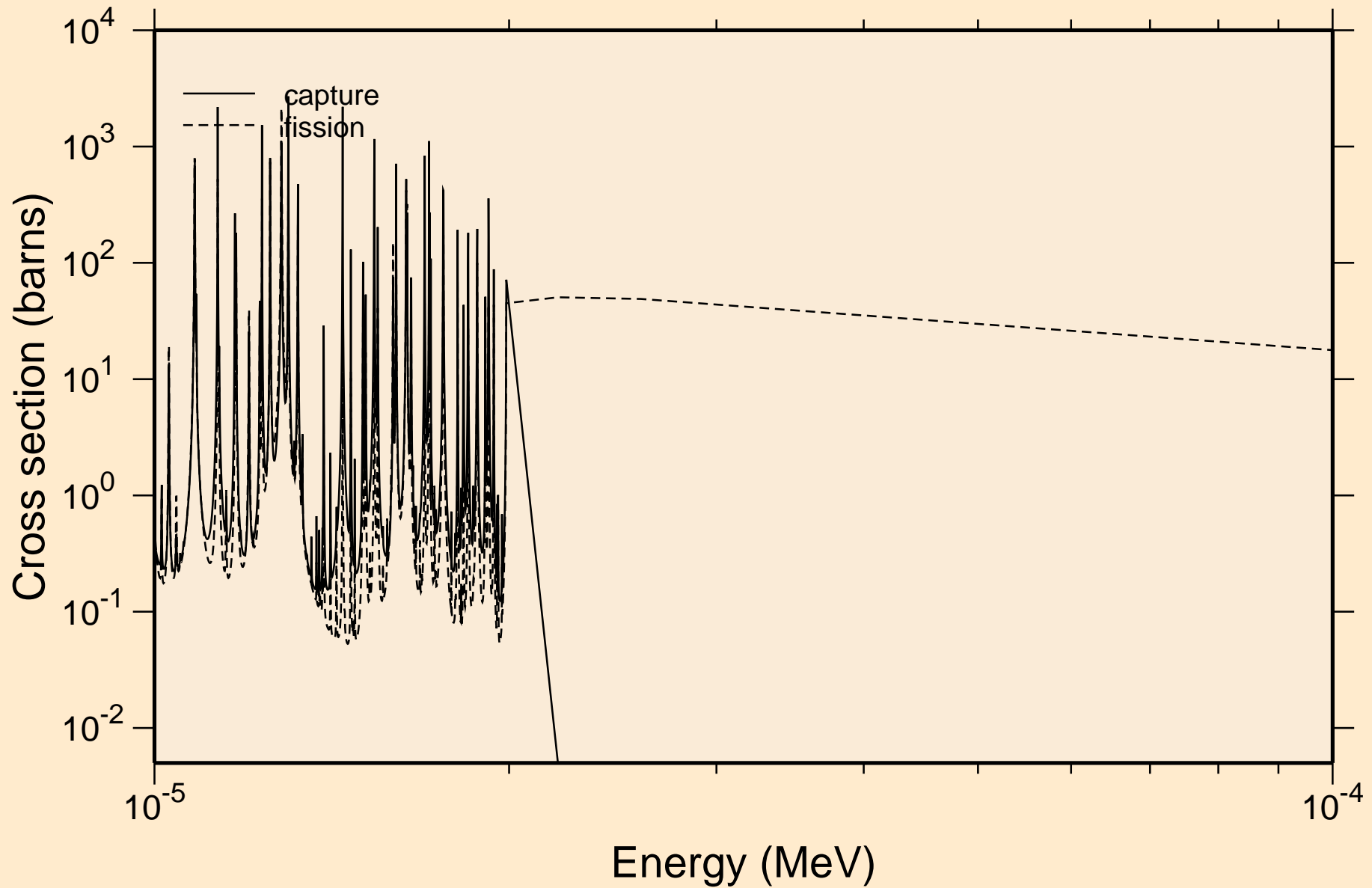
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resonance absorption cross sections



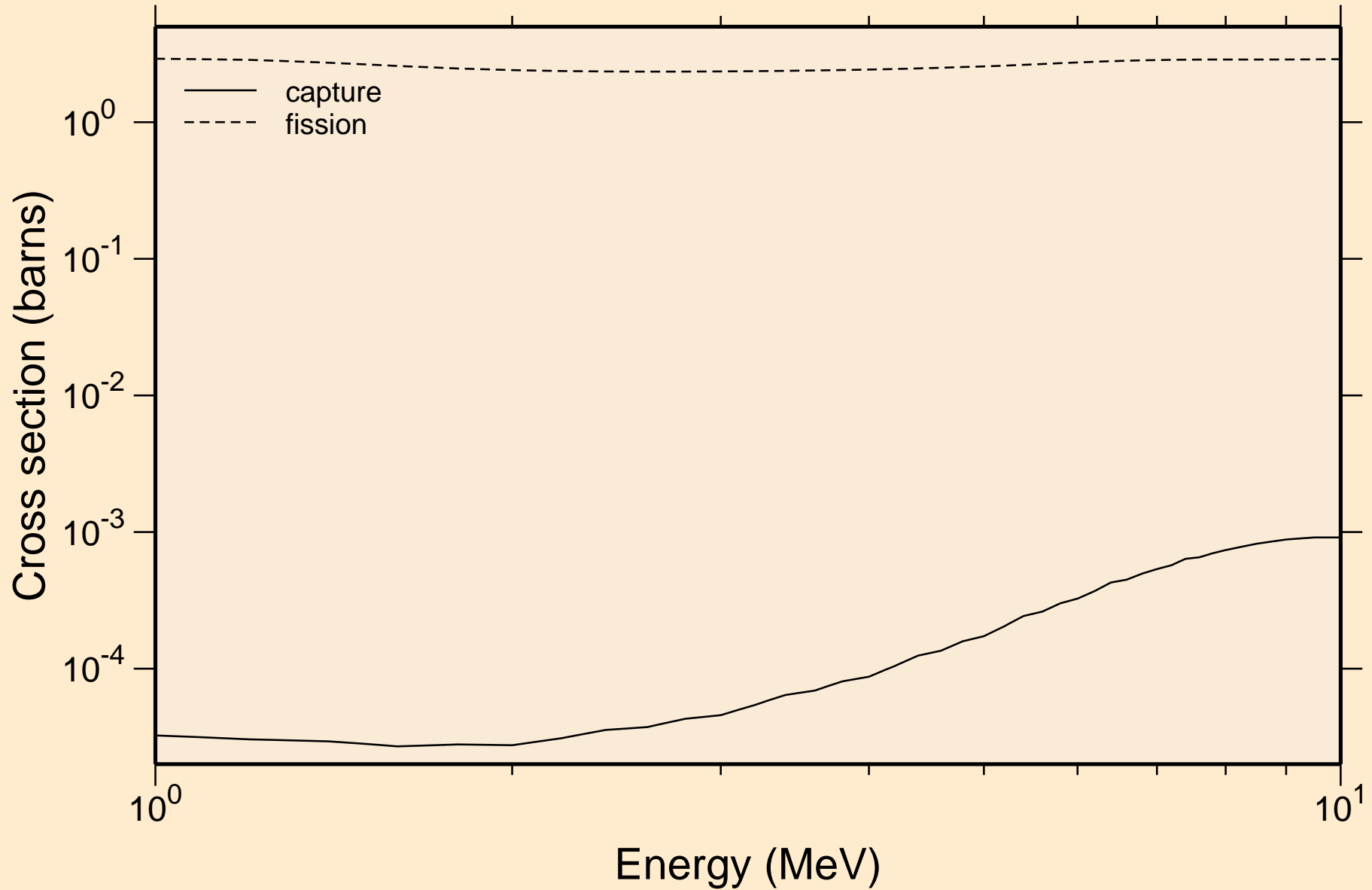
DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

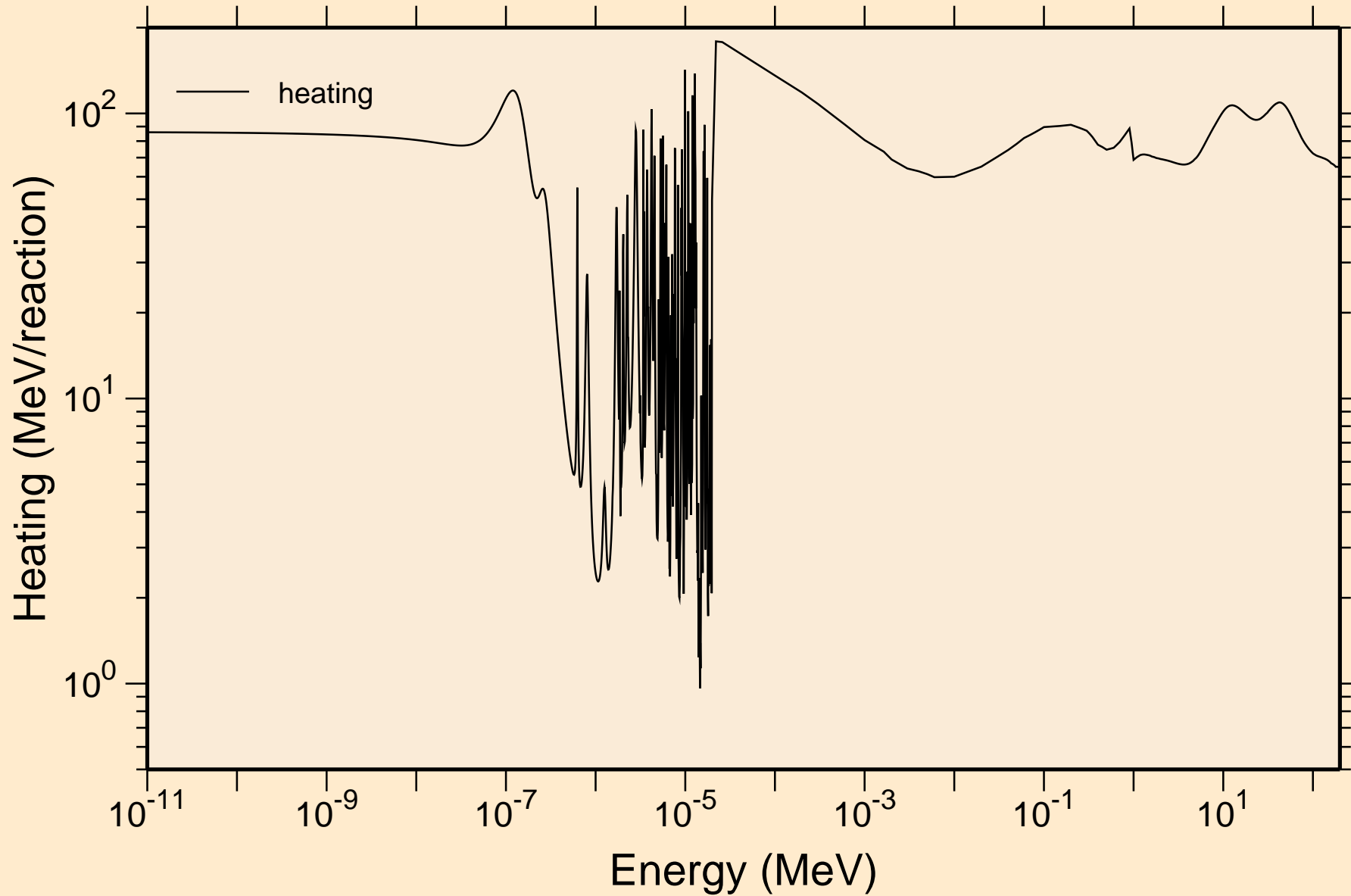


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resonance absorption cross sections

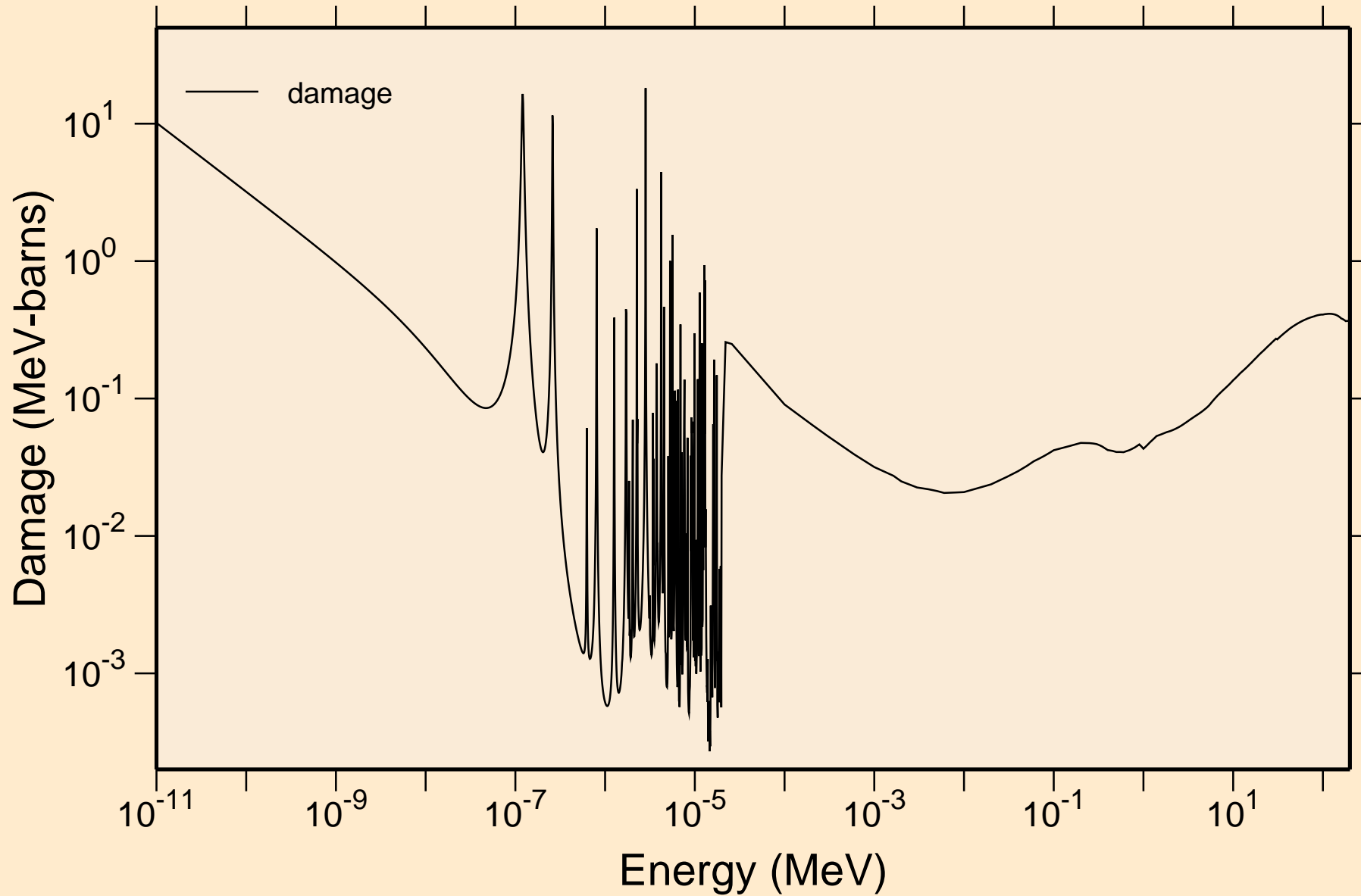


# DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

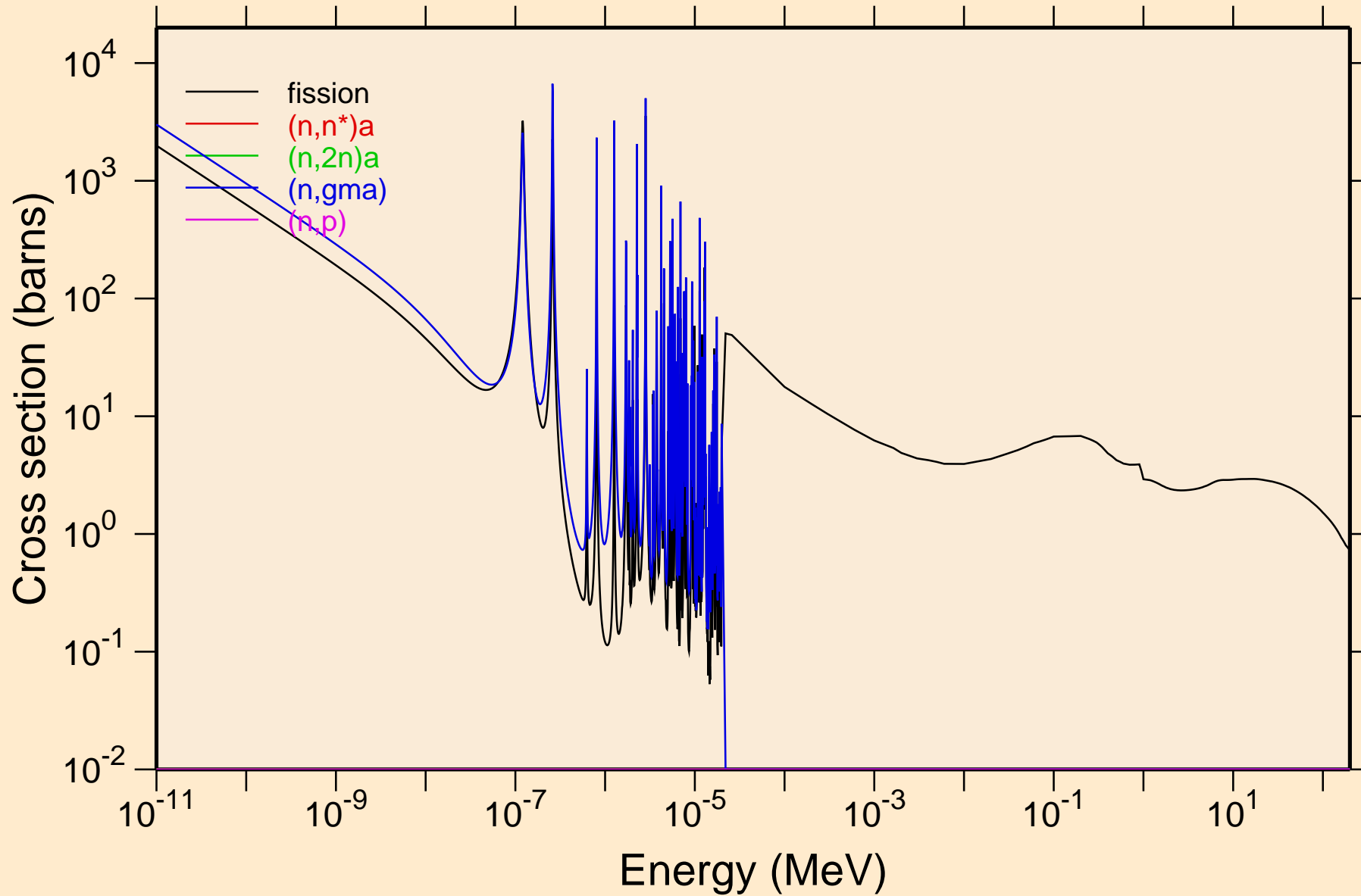


DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

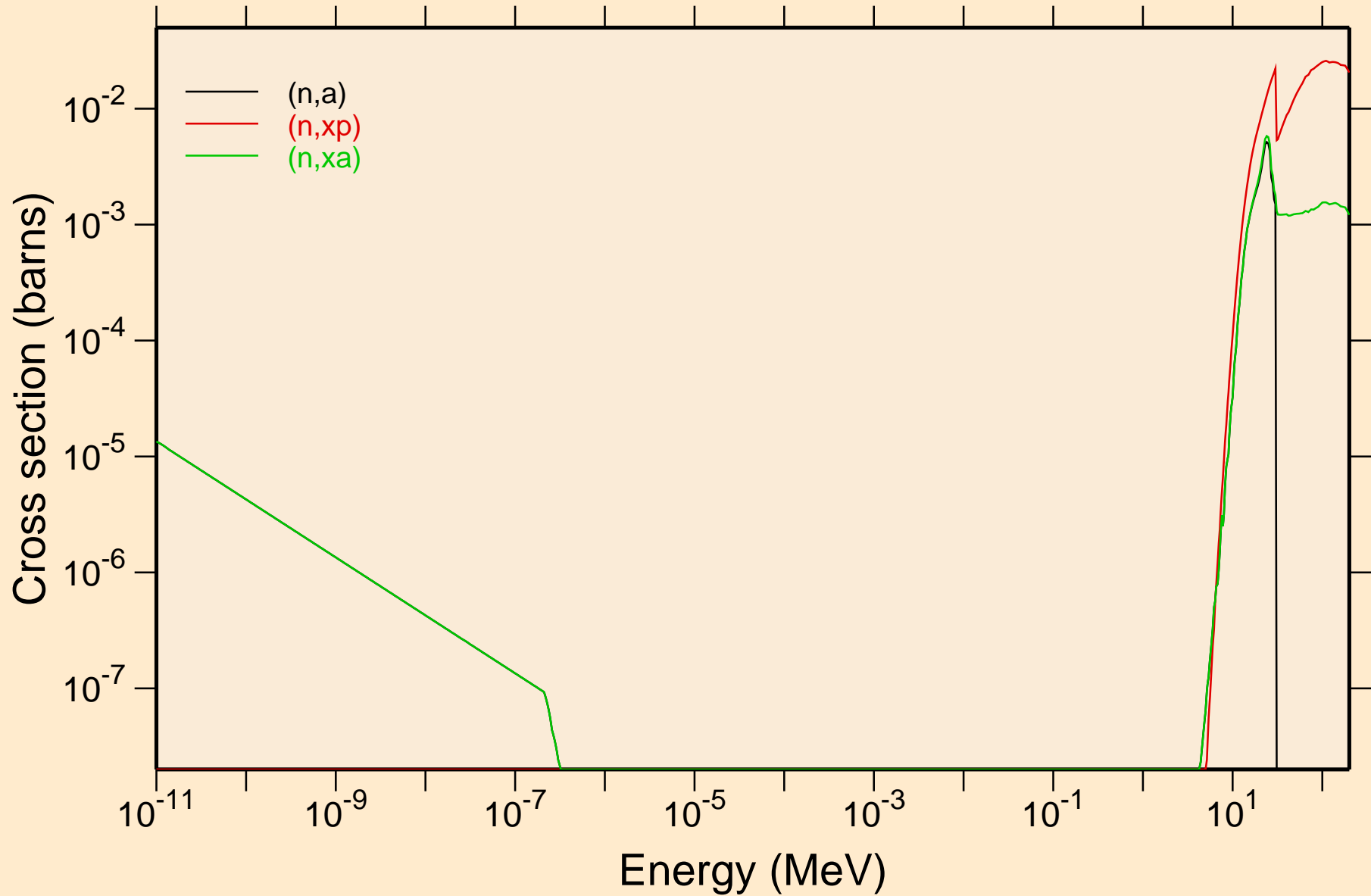


# DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

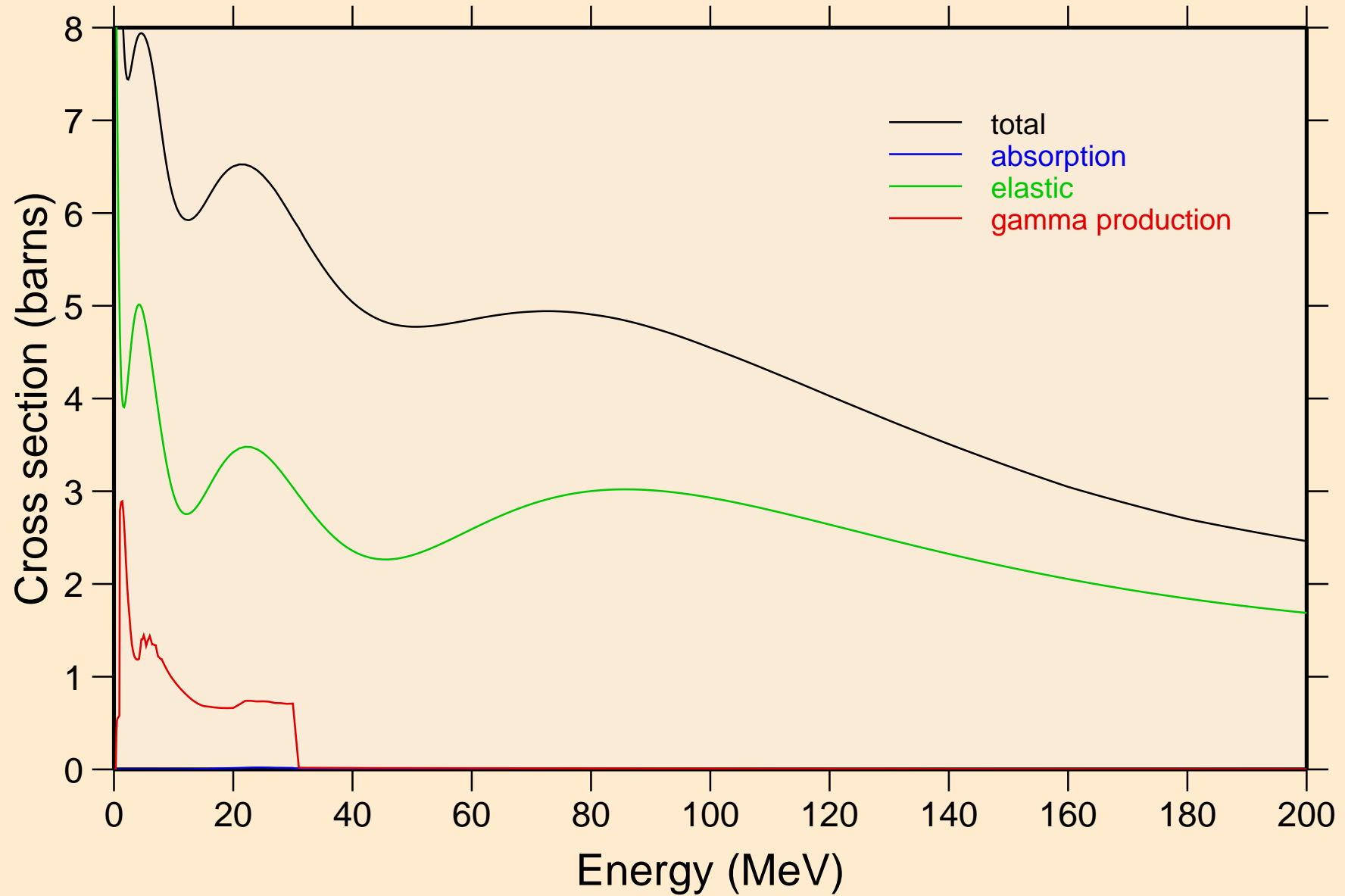


DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



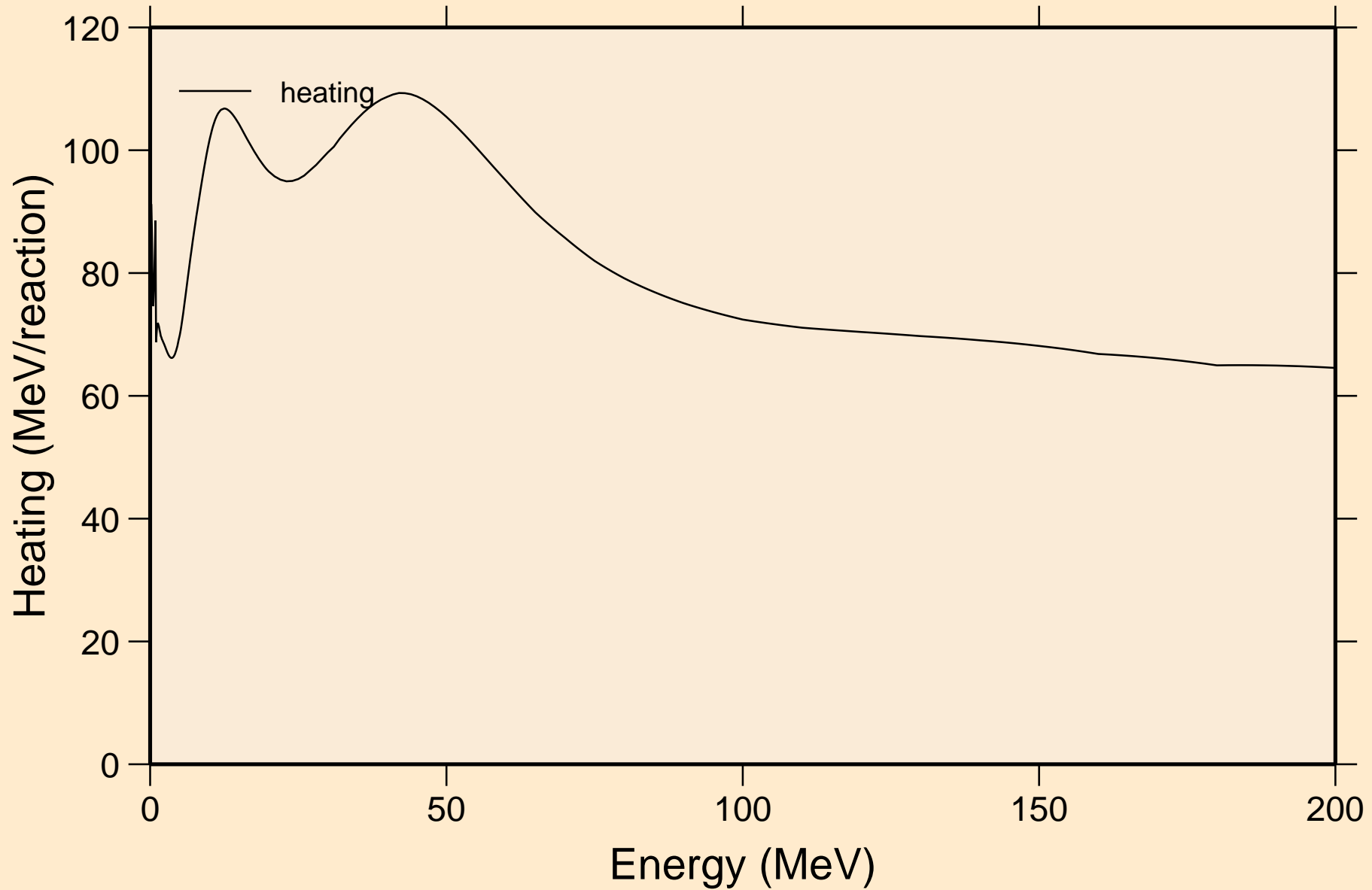
# DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

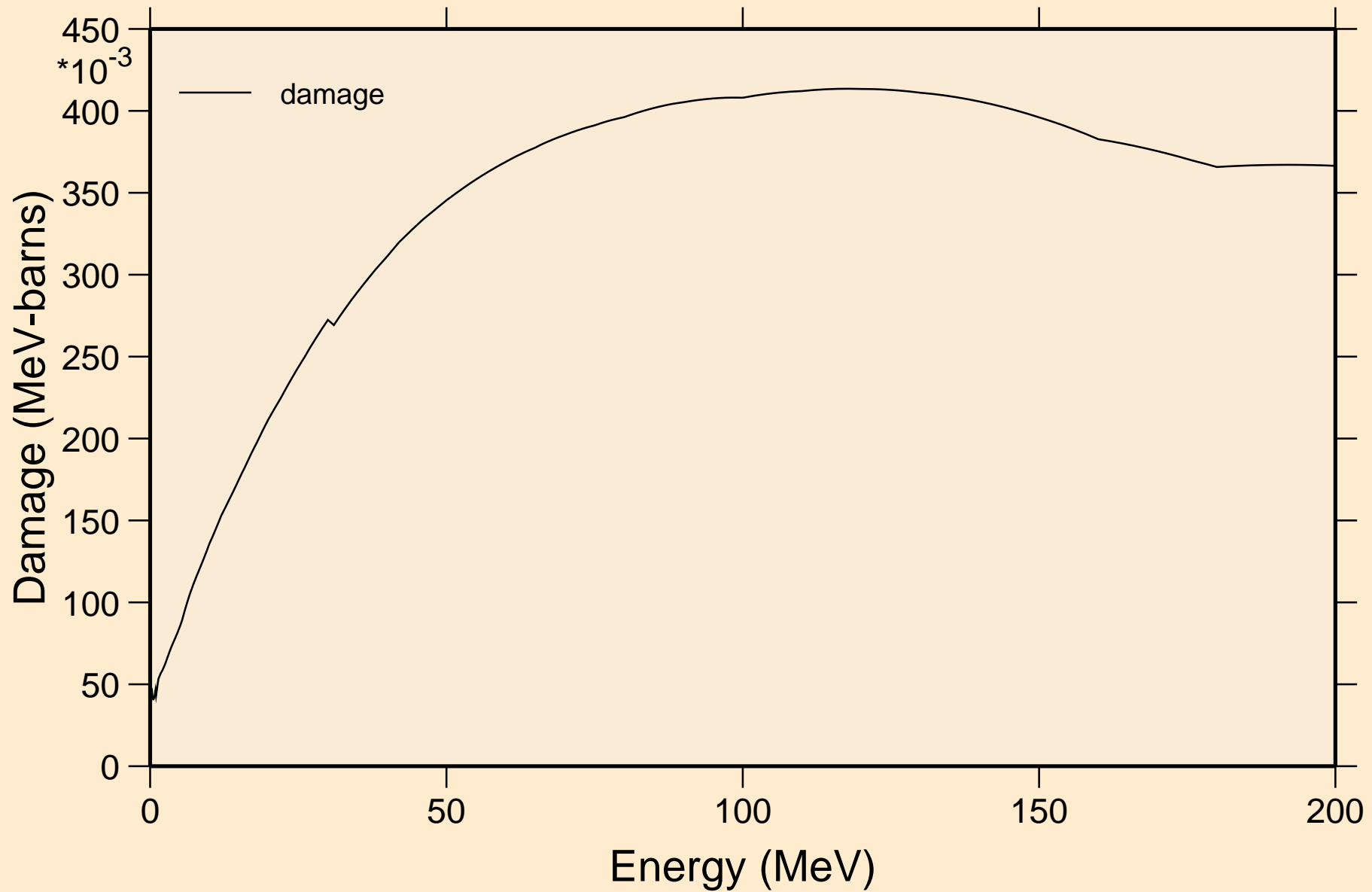


# DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

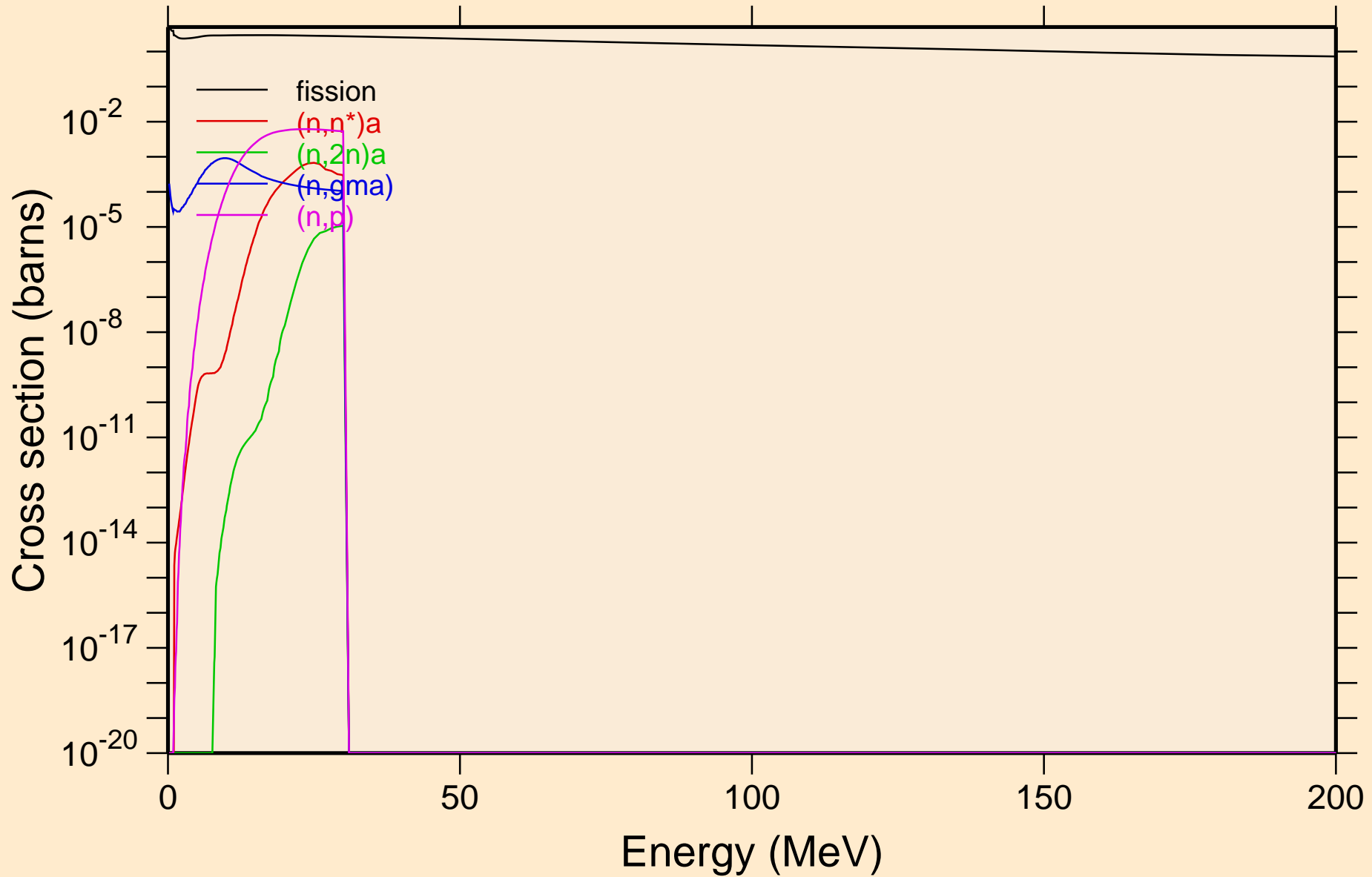
## Heating



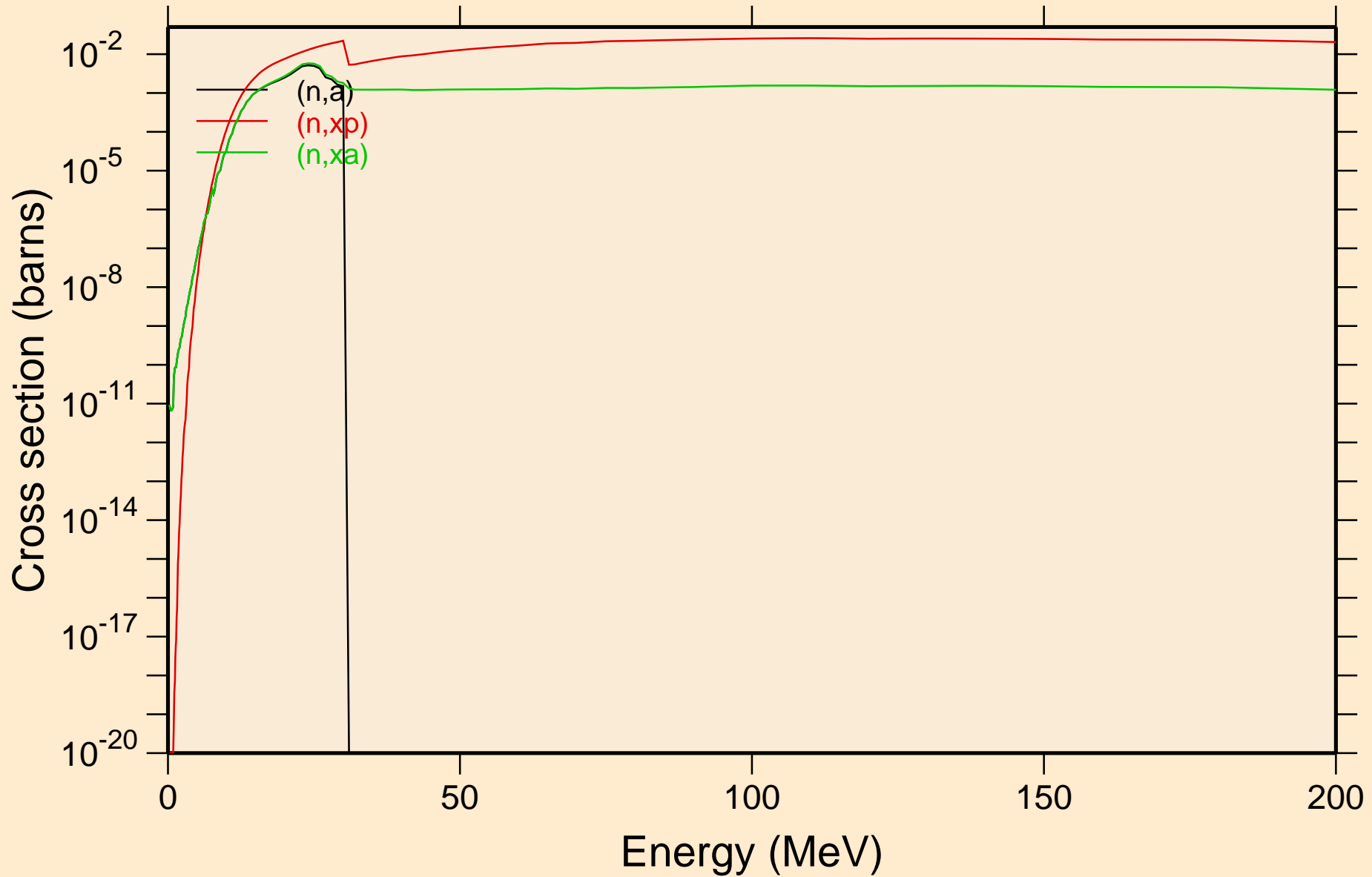
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Damage



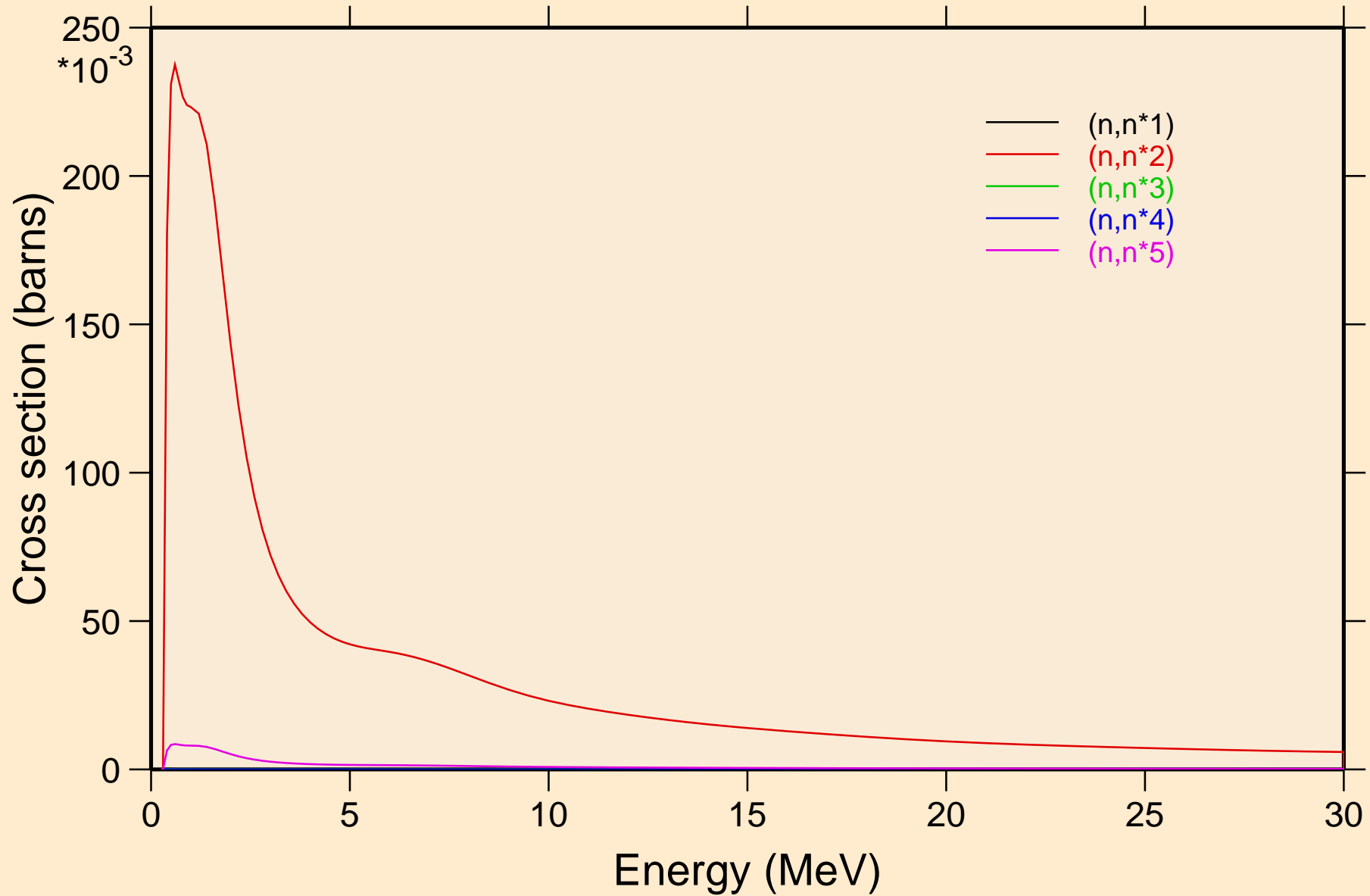
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Non-threshold reactions



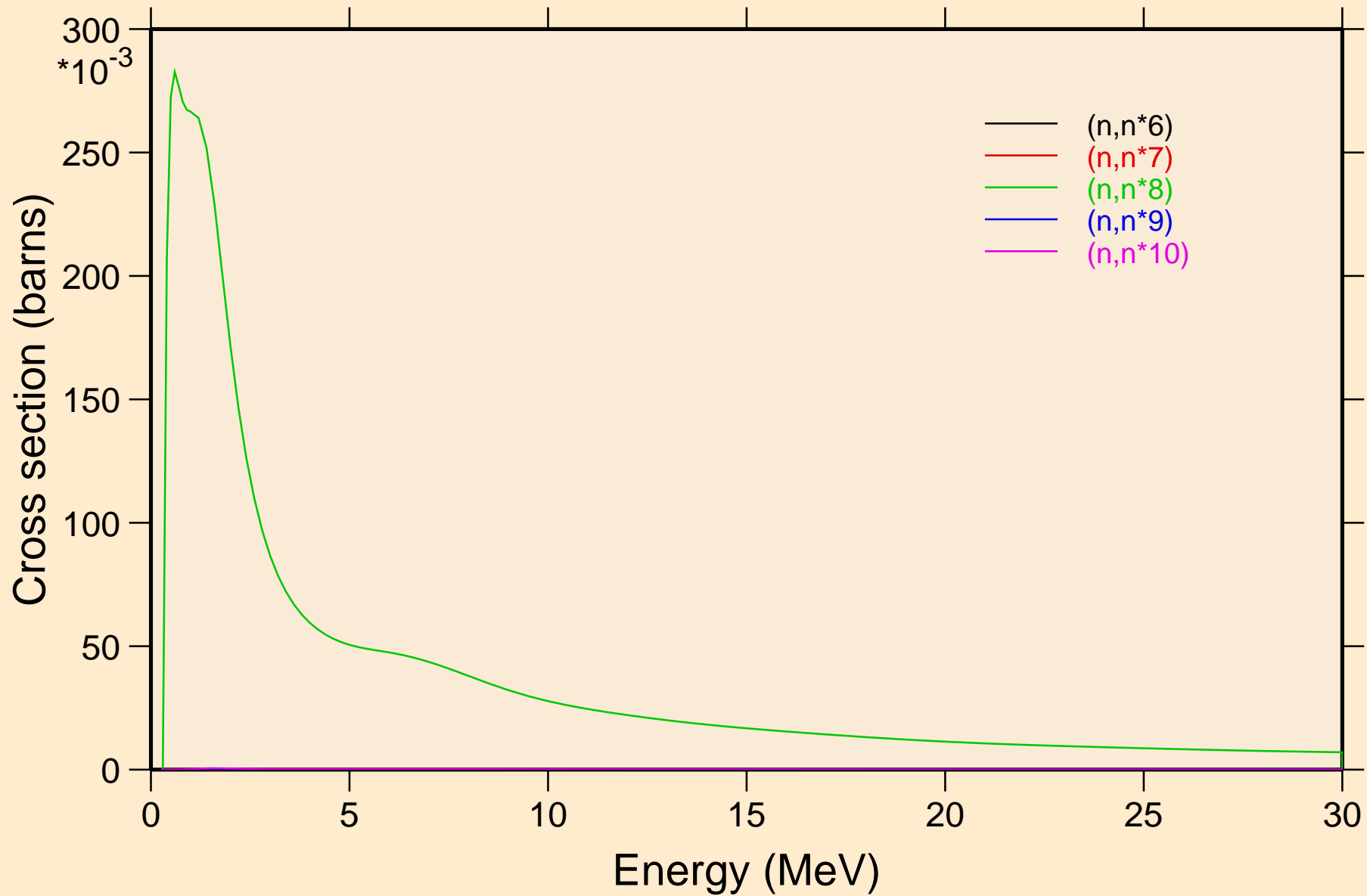
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Non-threshold reactions



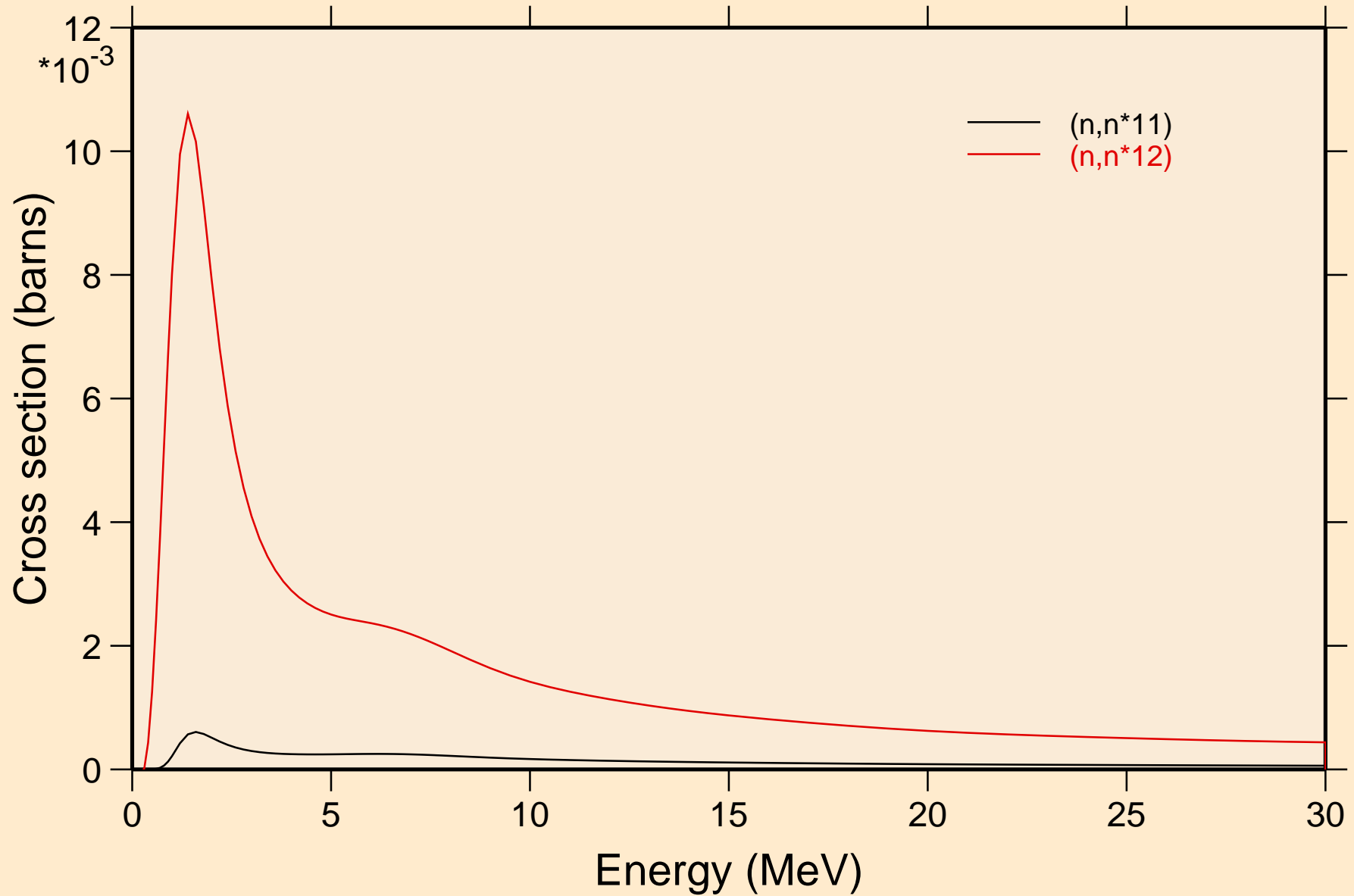
DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

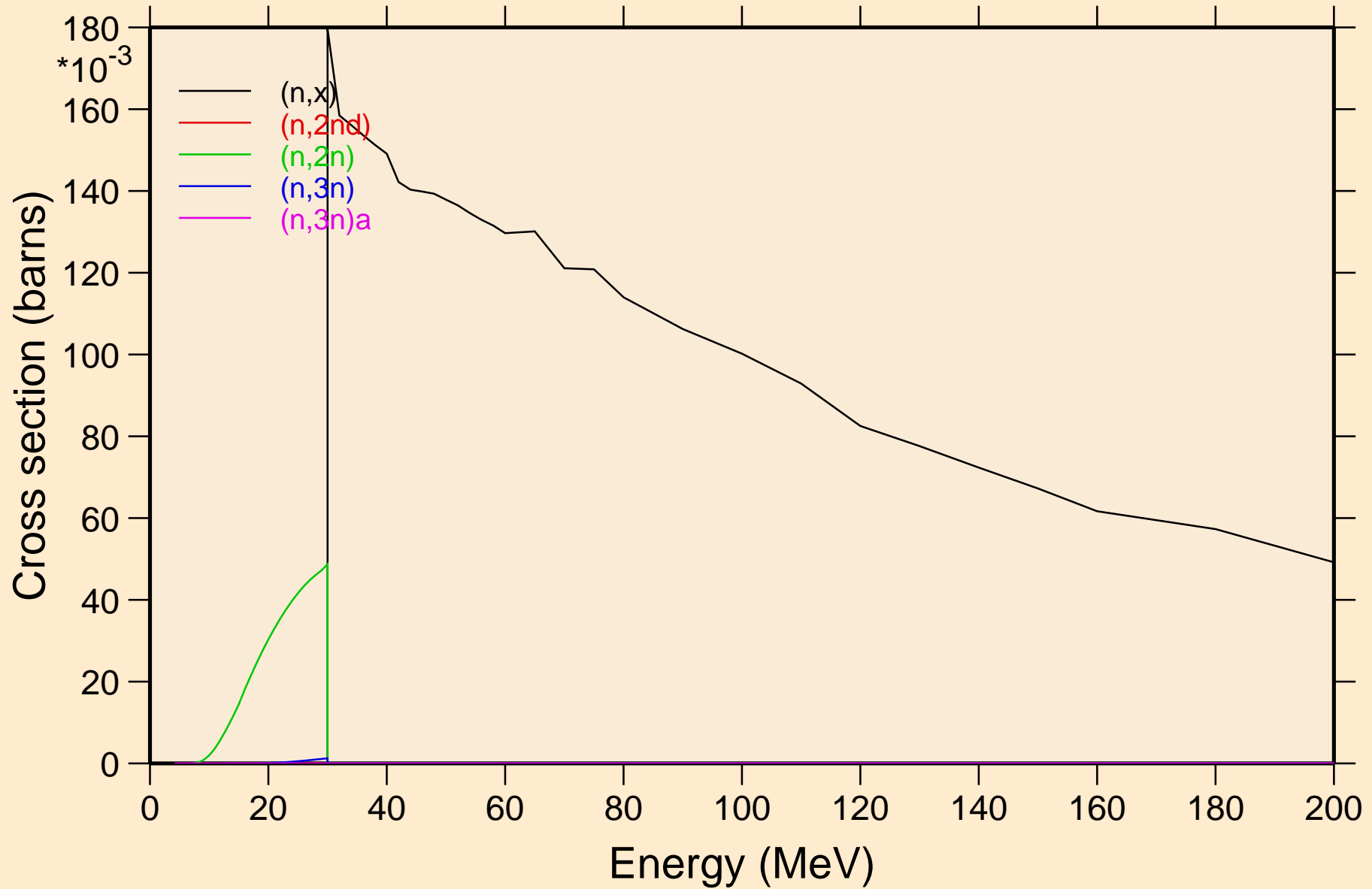


DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

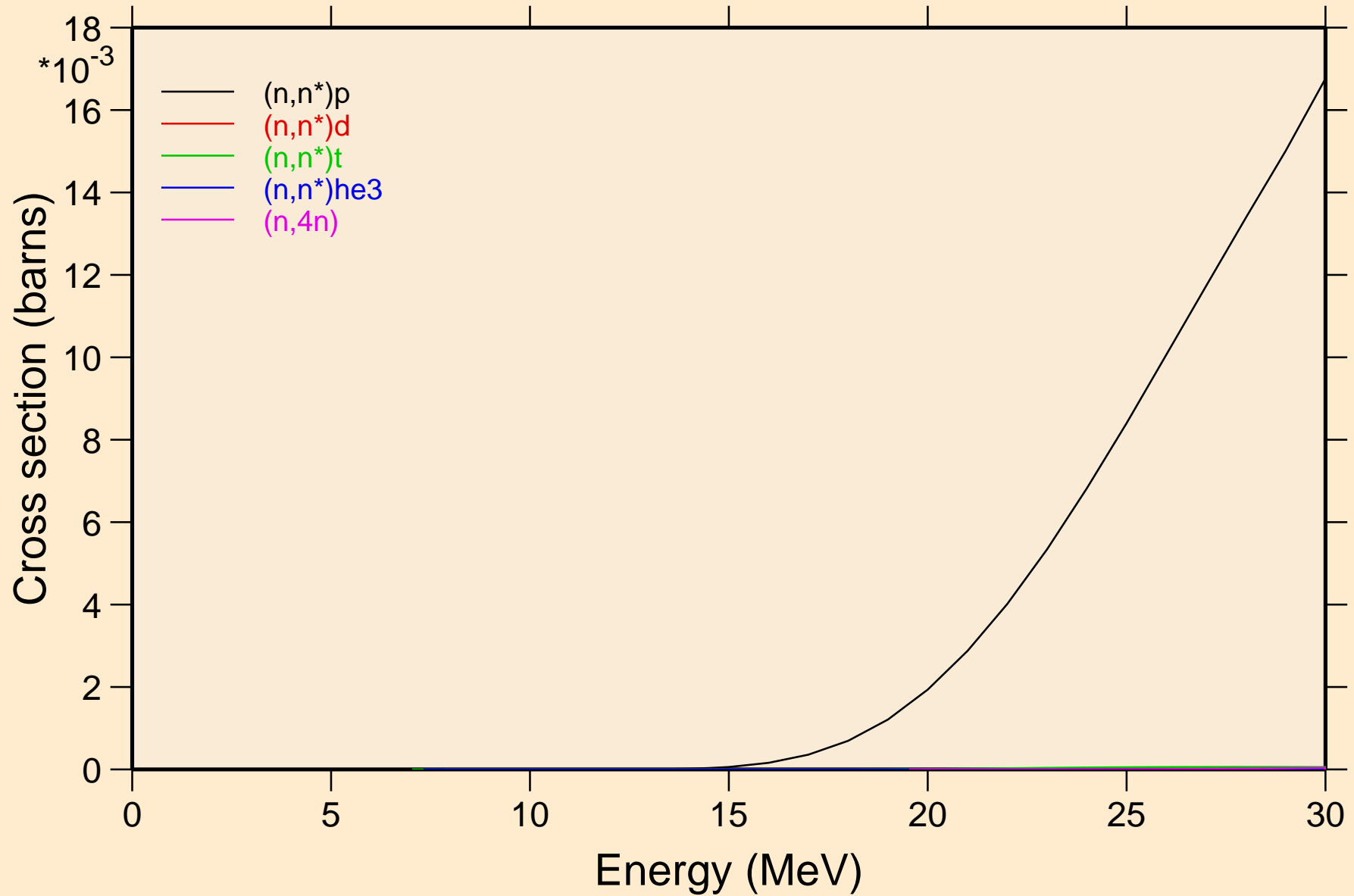


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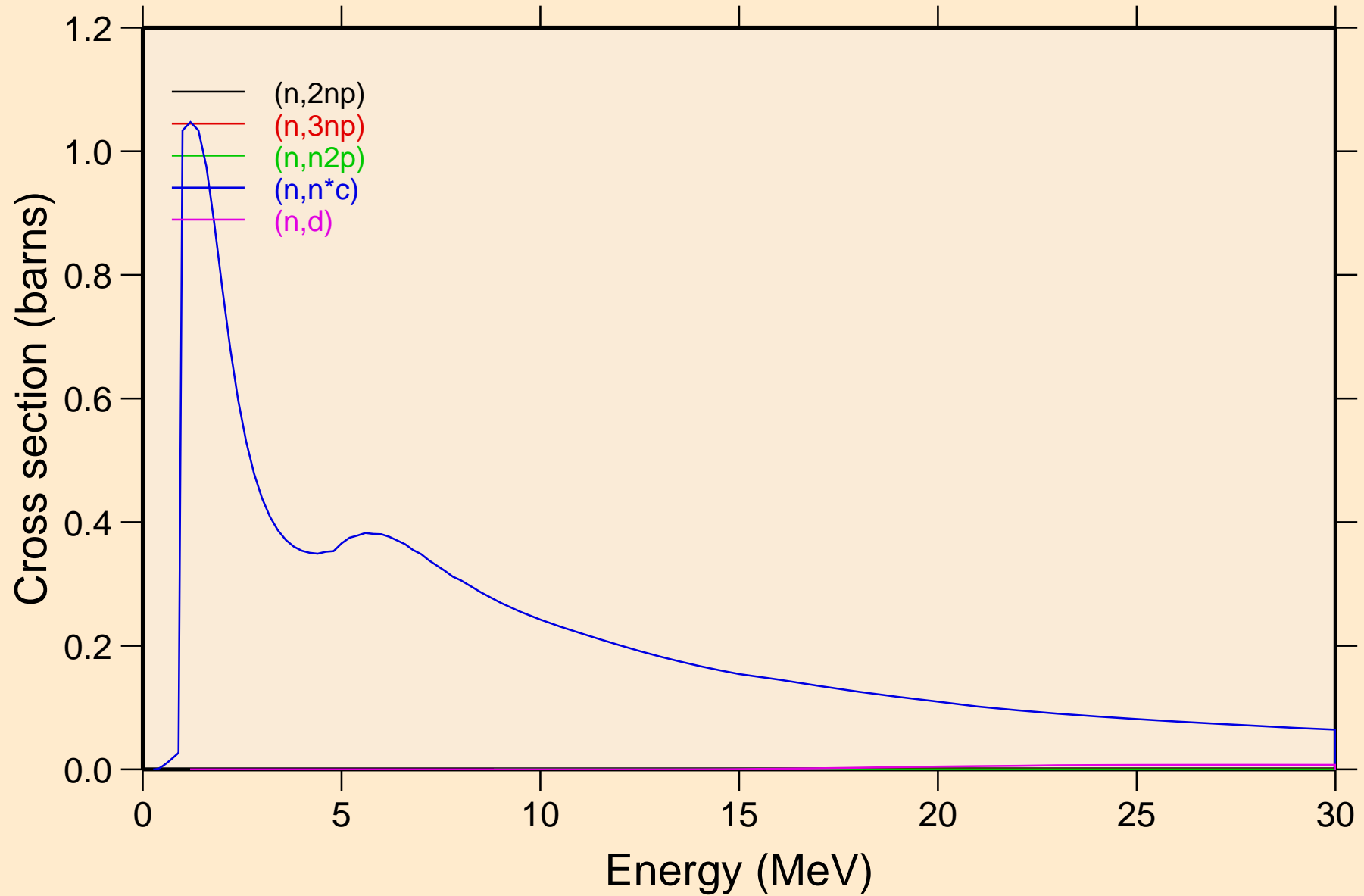
## Threshold reactions



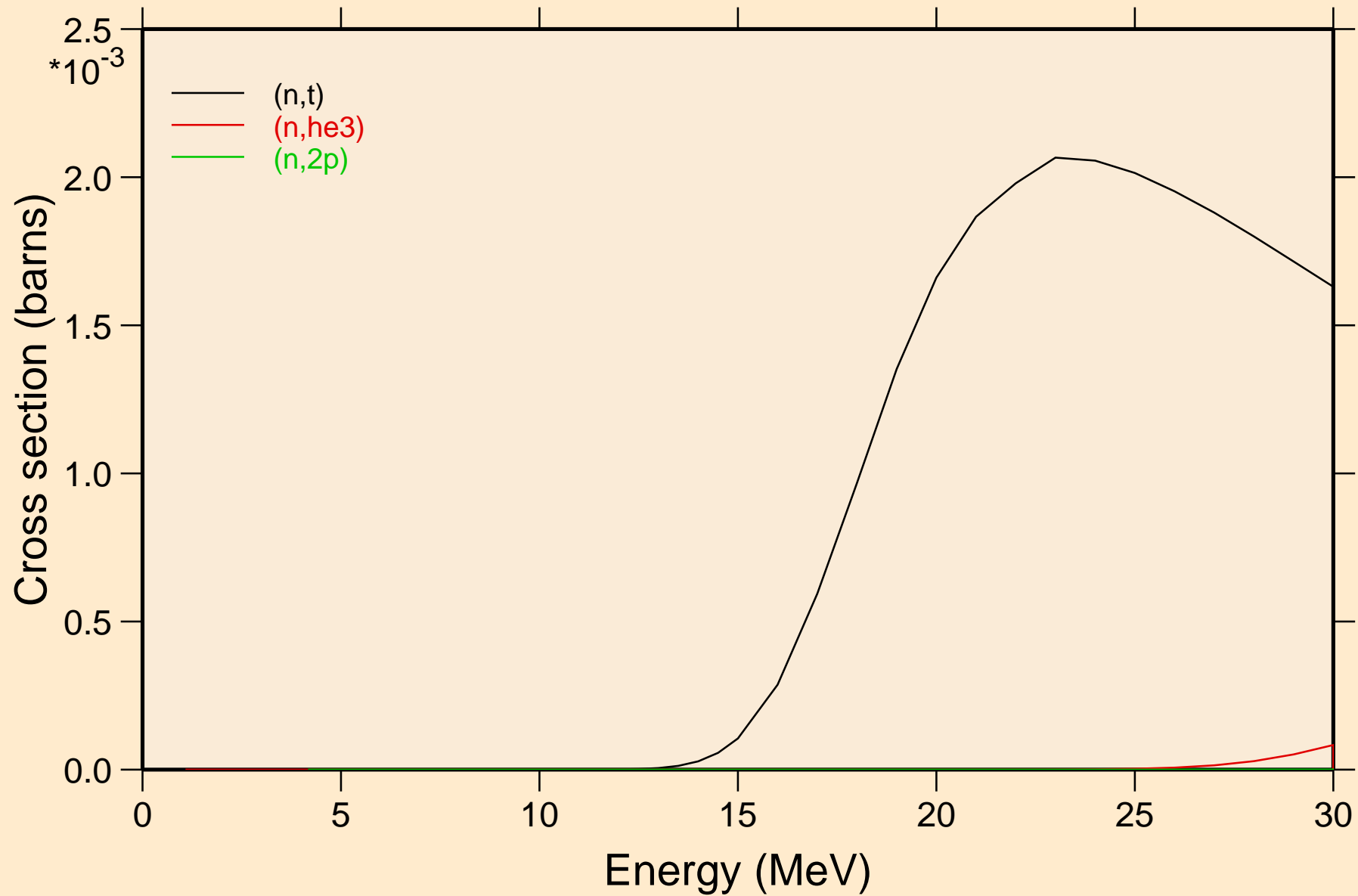
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Threshold reactions



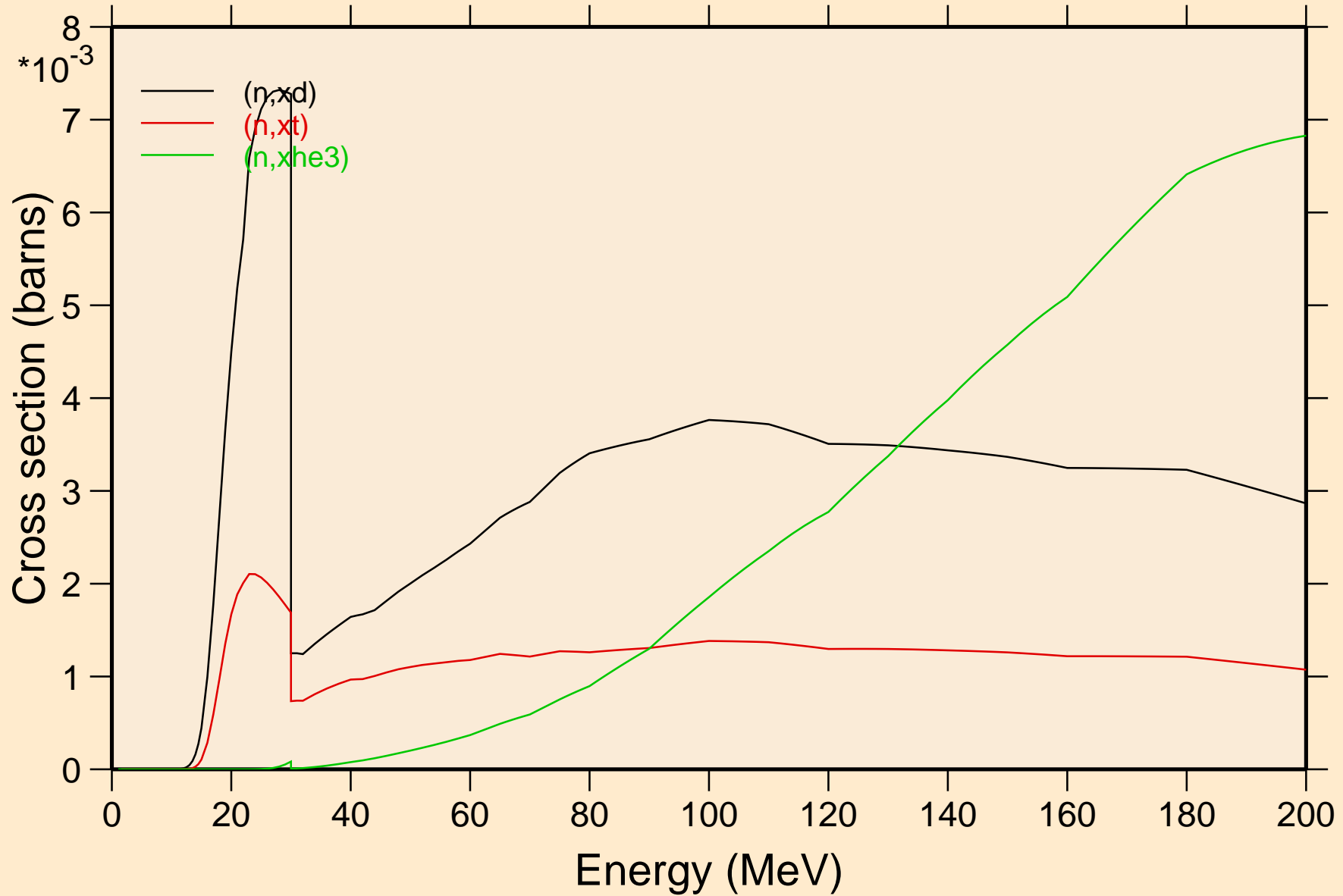
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Threshold reactions



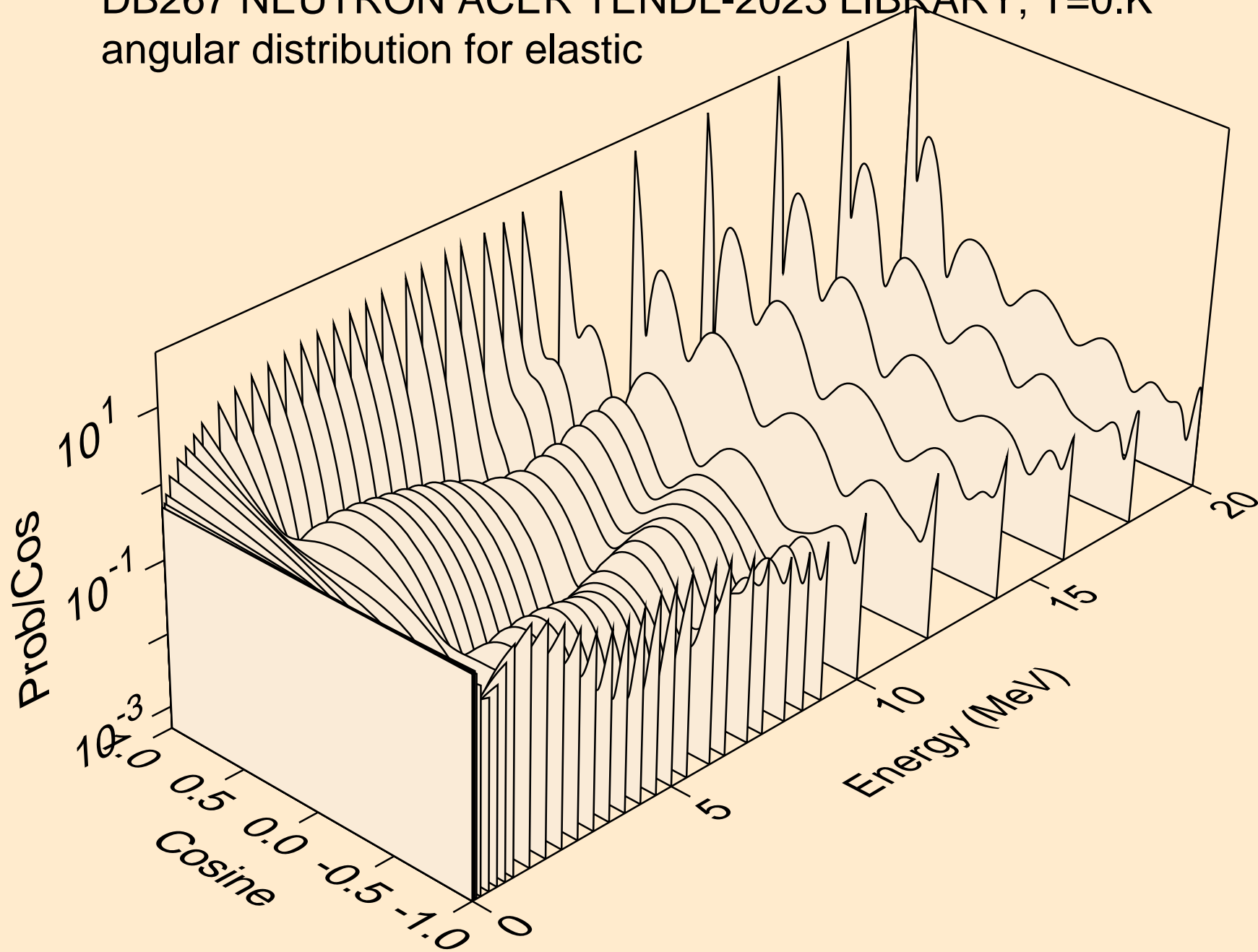
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Threshold reactions



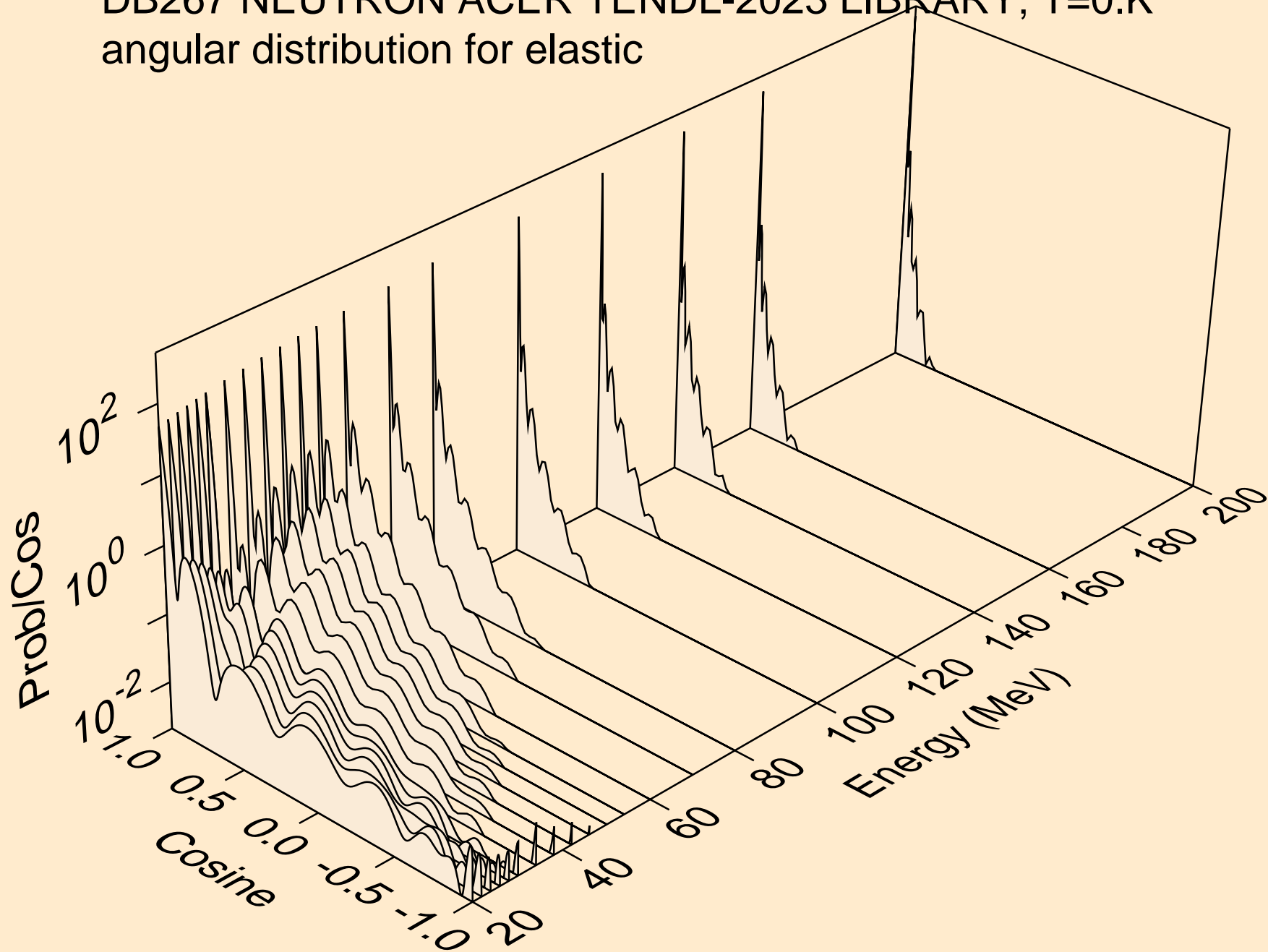
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Threshold reactions



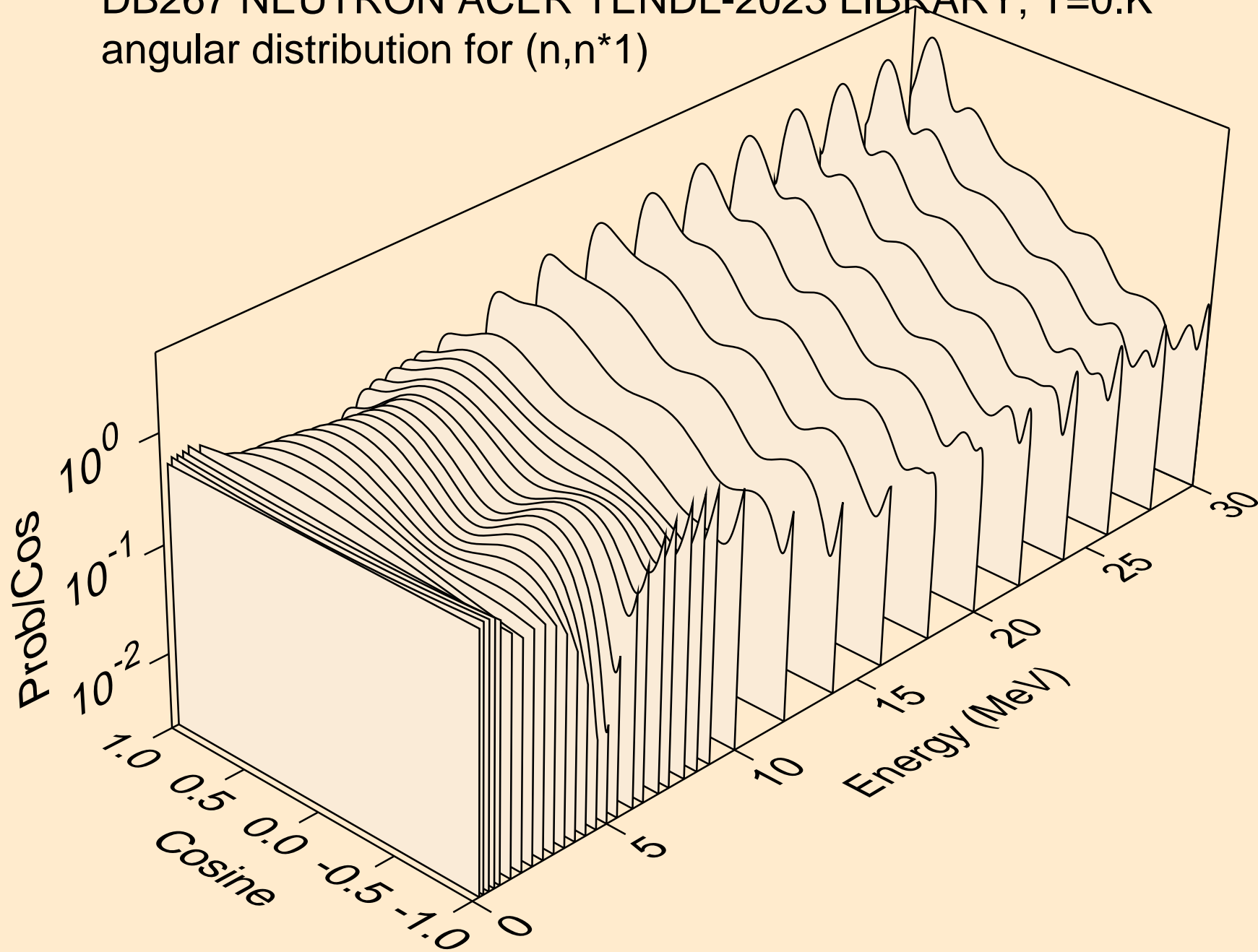
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angular distribution for elastic



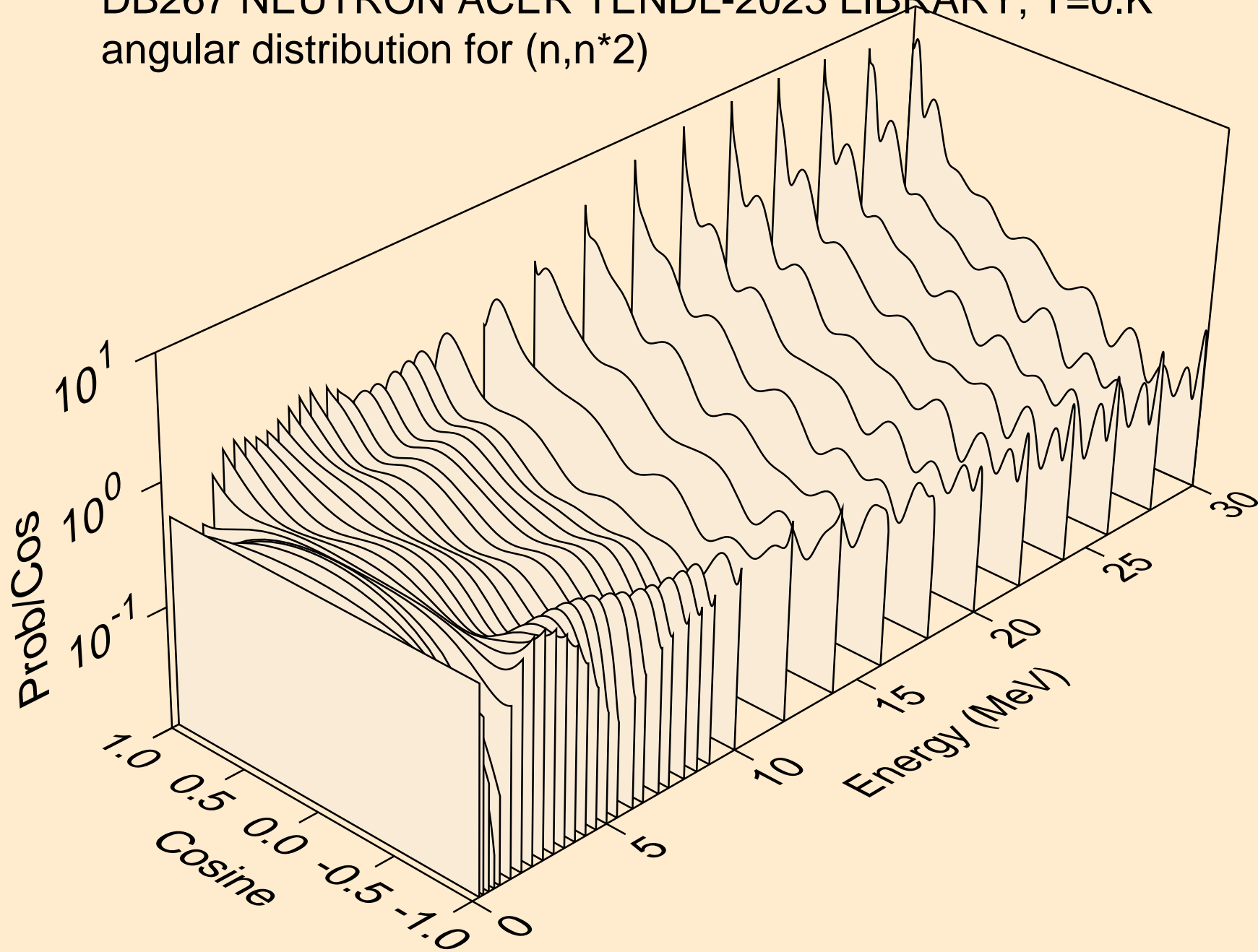
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angular distribution for elastic



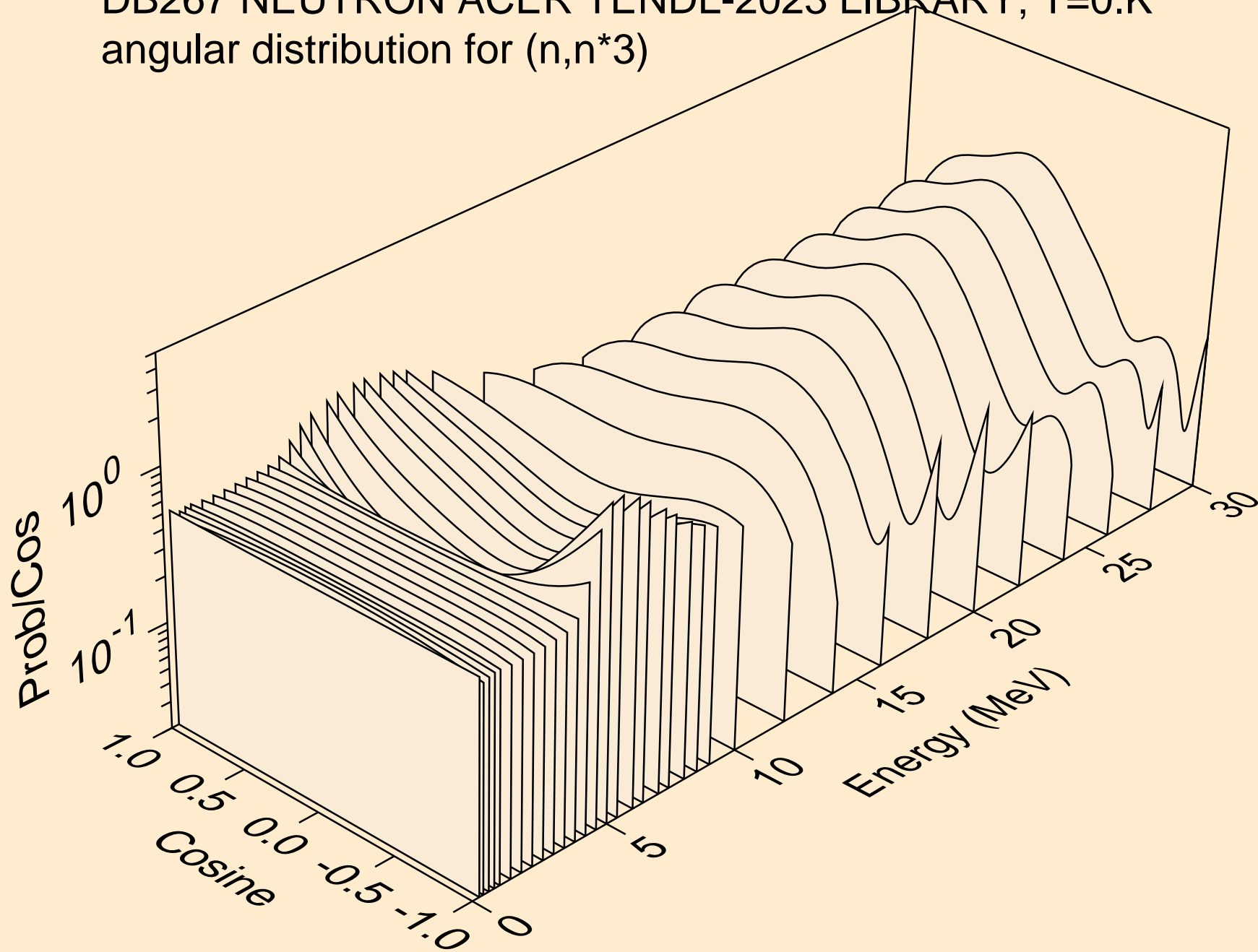
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angular distribution for (n,n\*1)



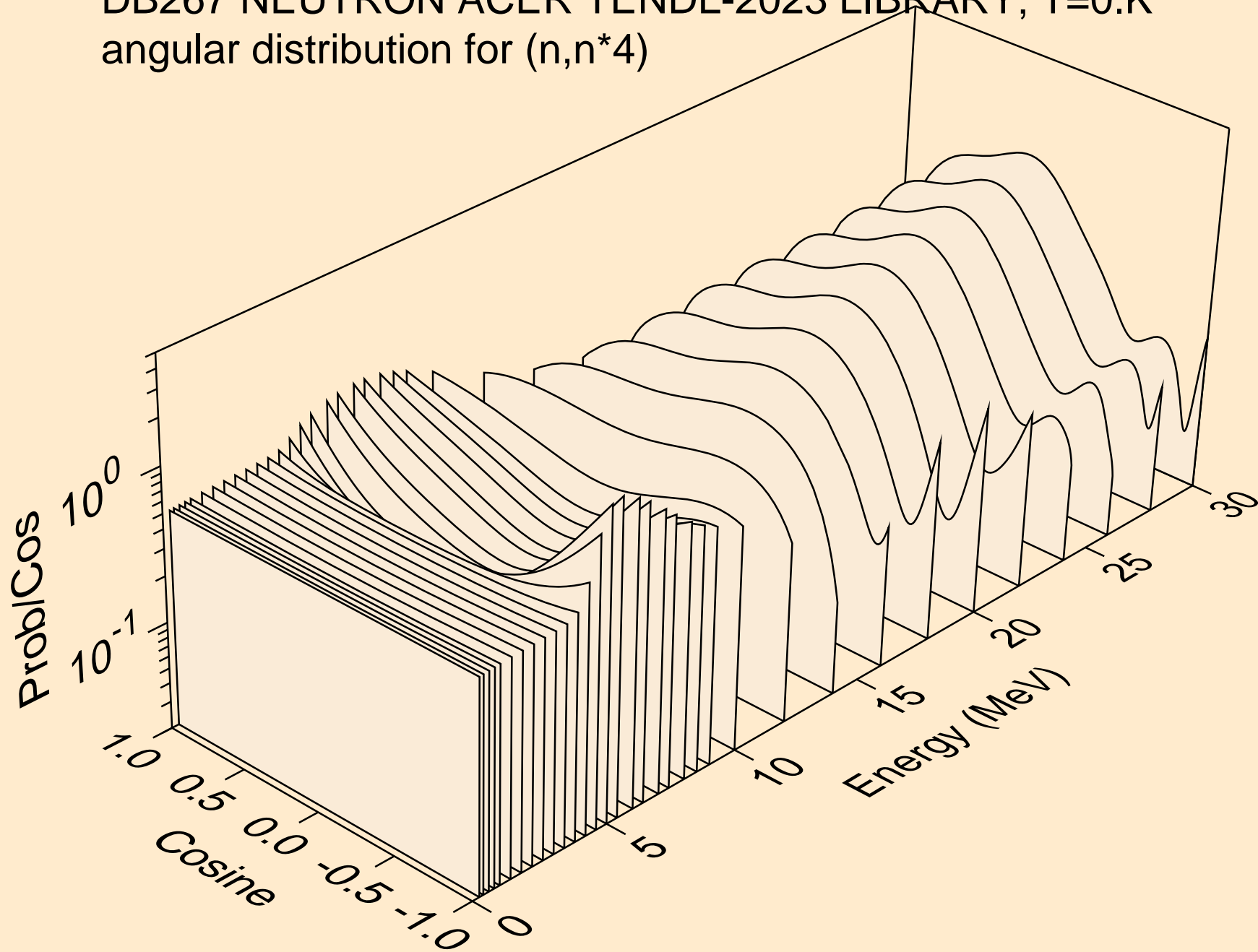
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angular distribution for (n,n\*2)



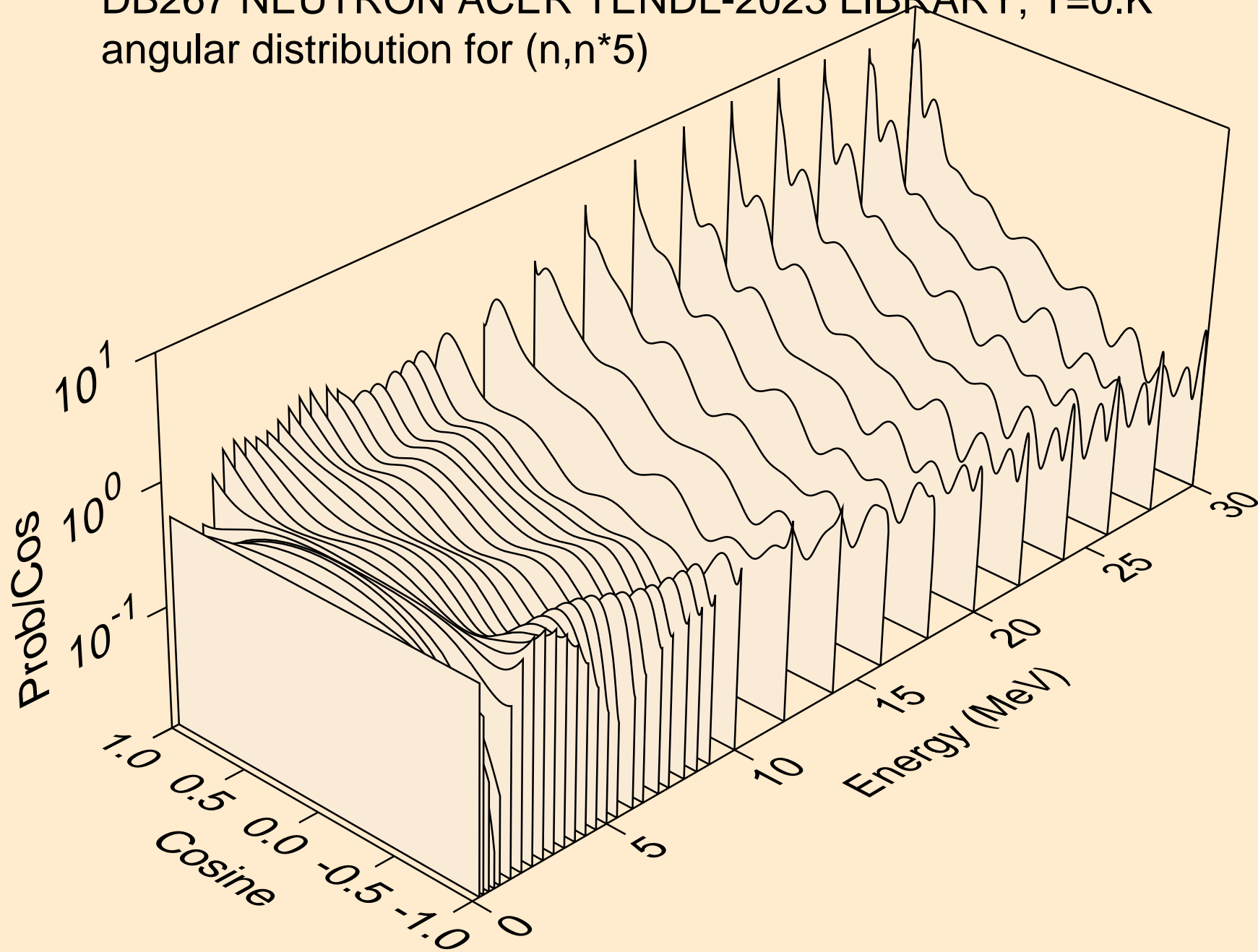
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angular distribution for (n,n\*3)



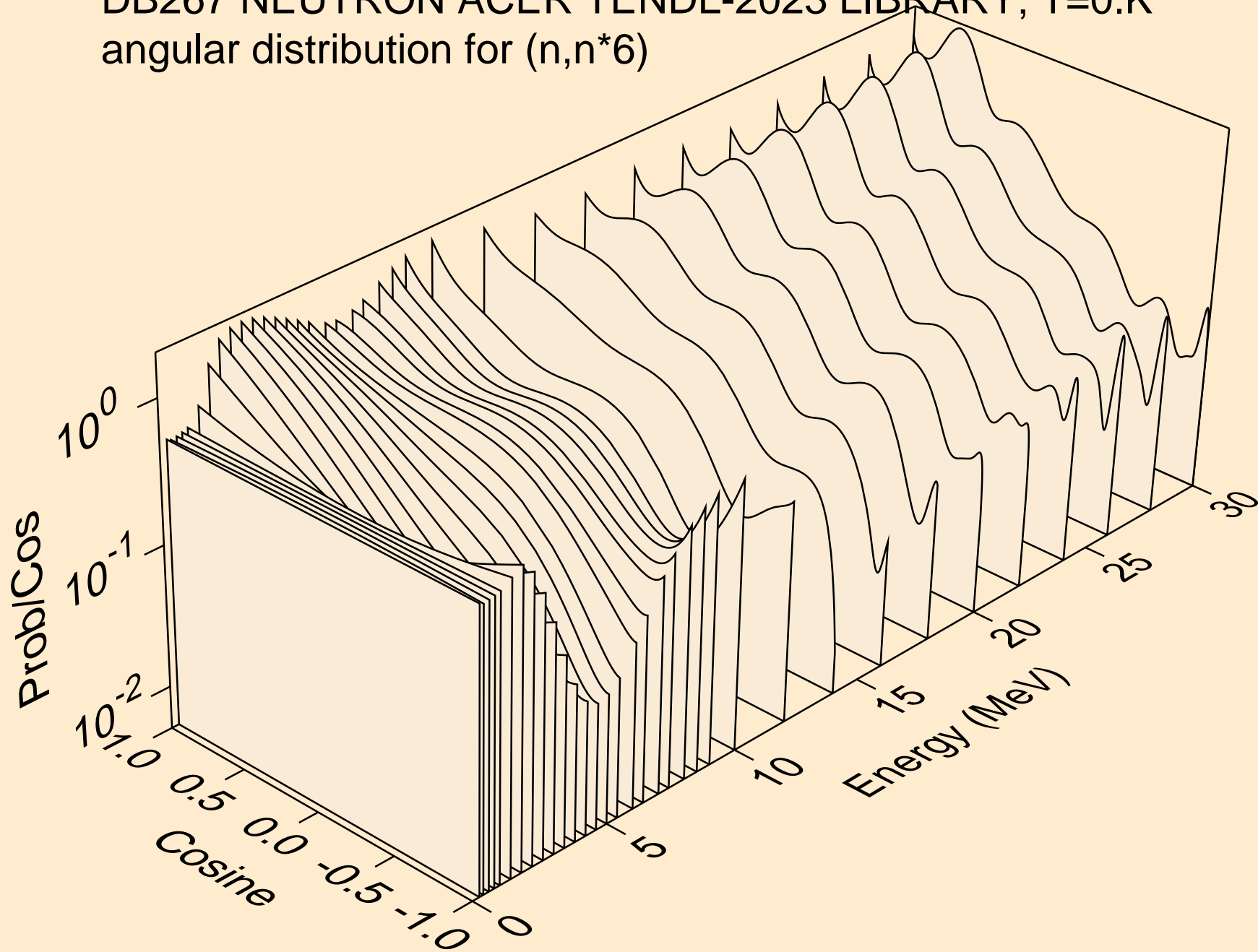
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angular distribution for (n,n\*4)



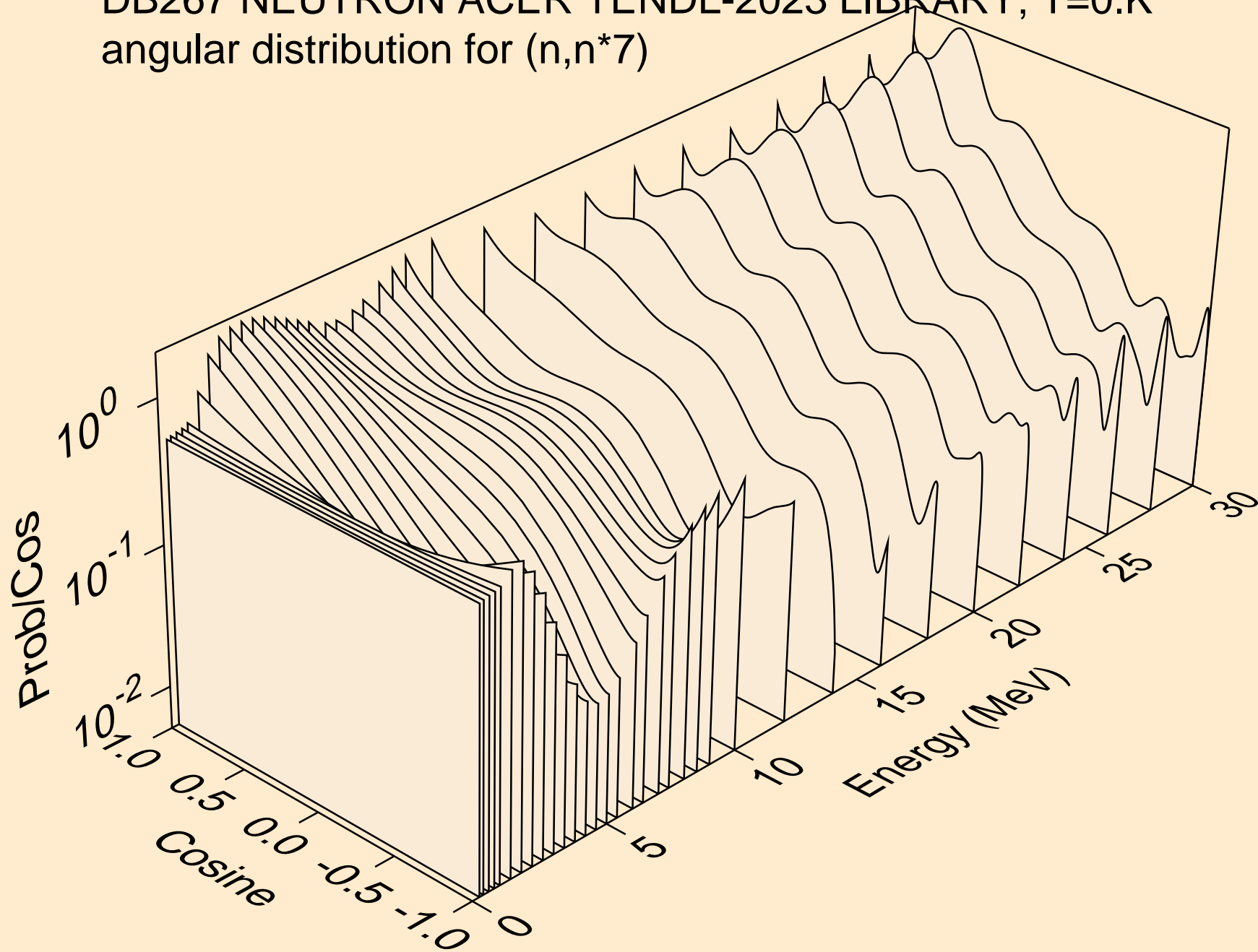
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angular distribution for (n,n\*5)



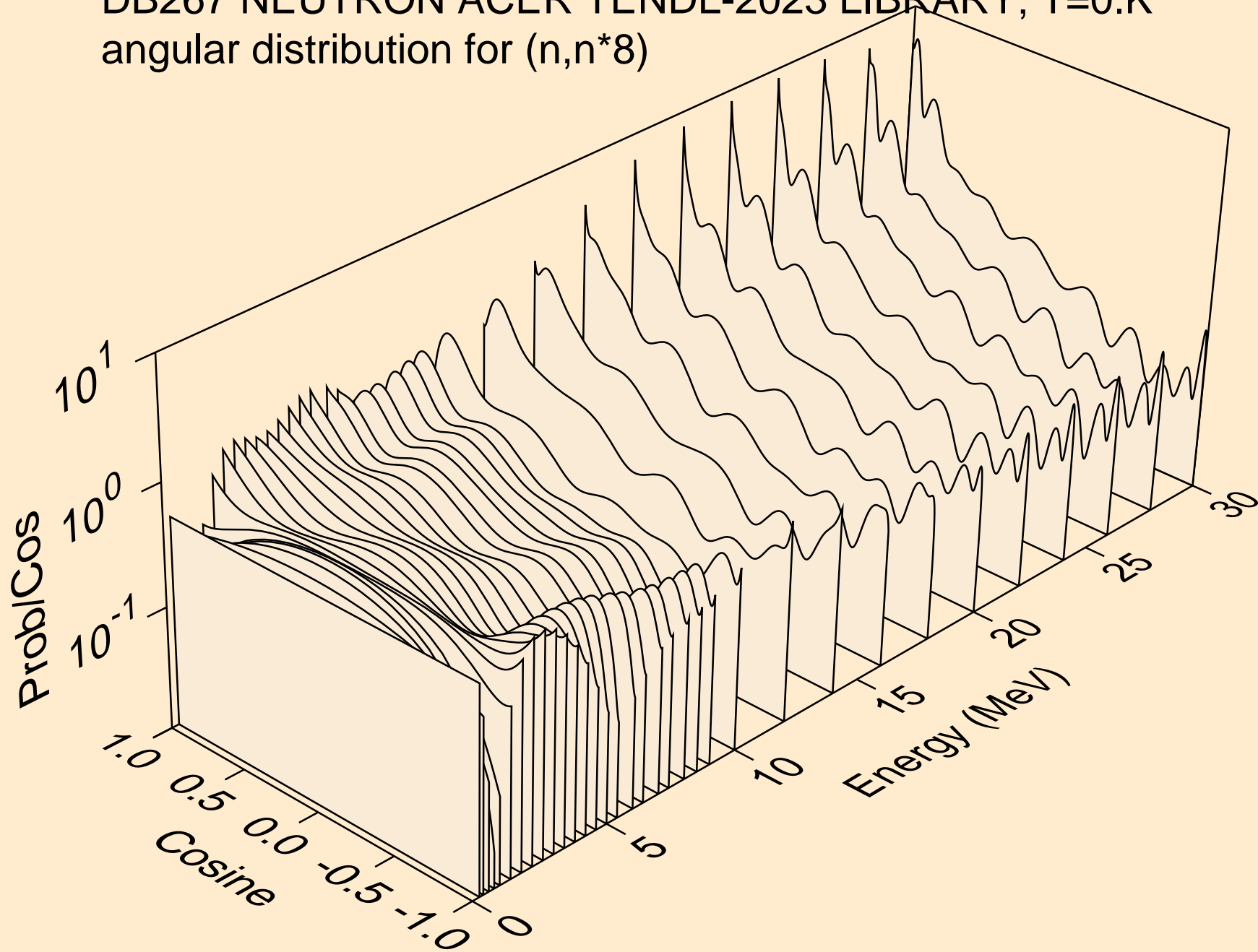
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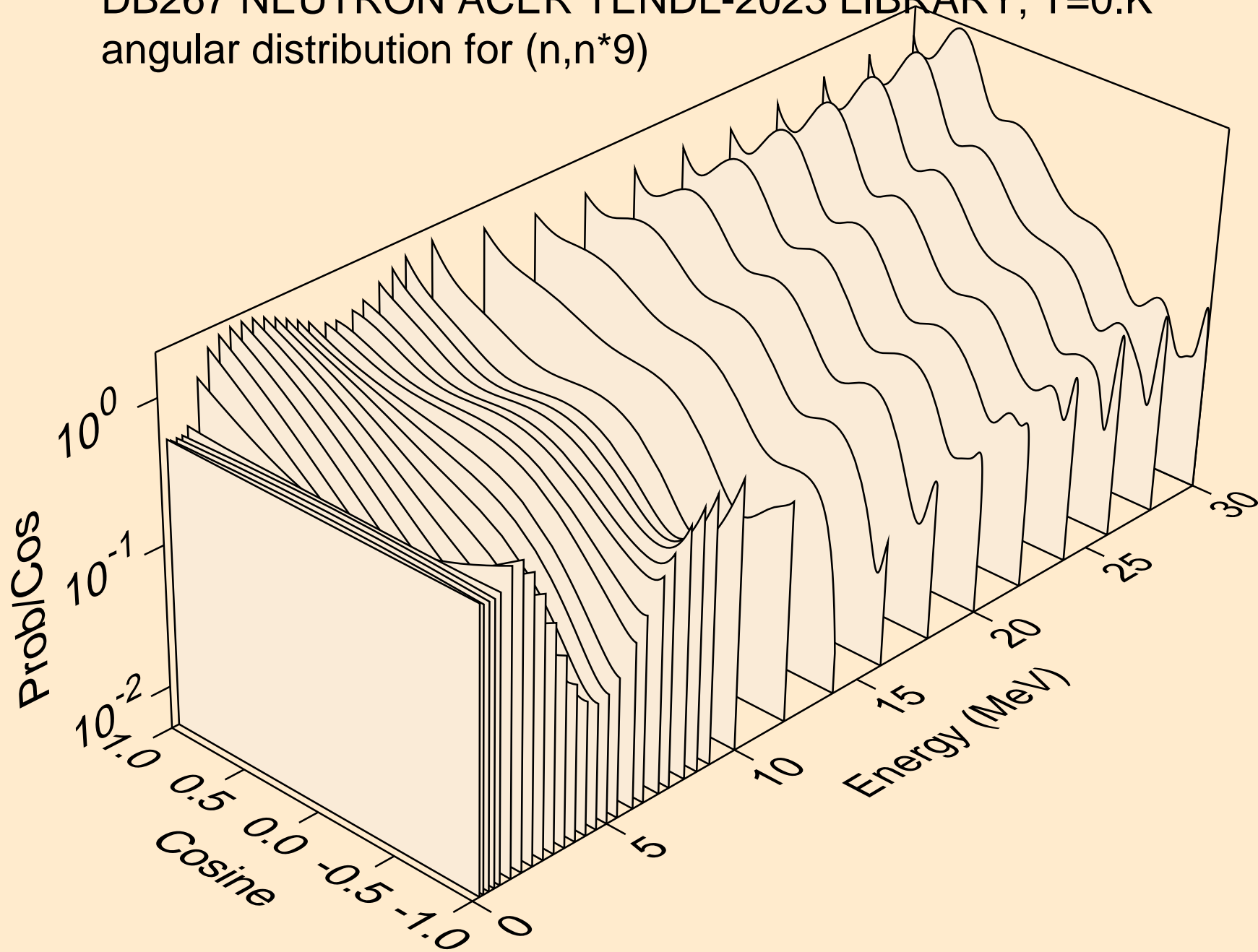
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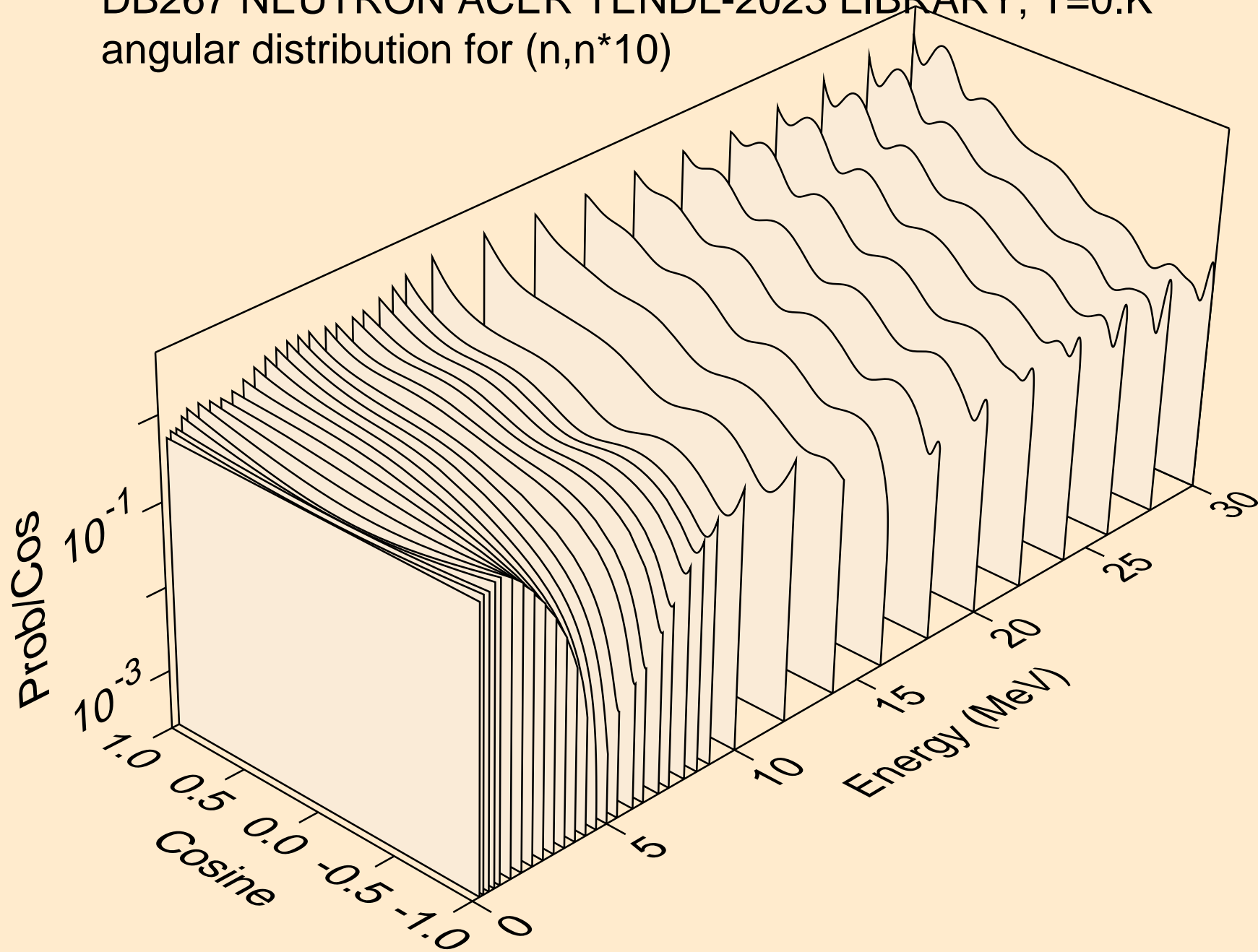
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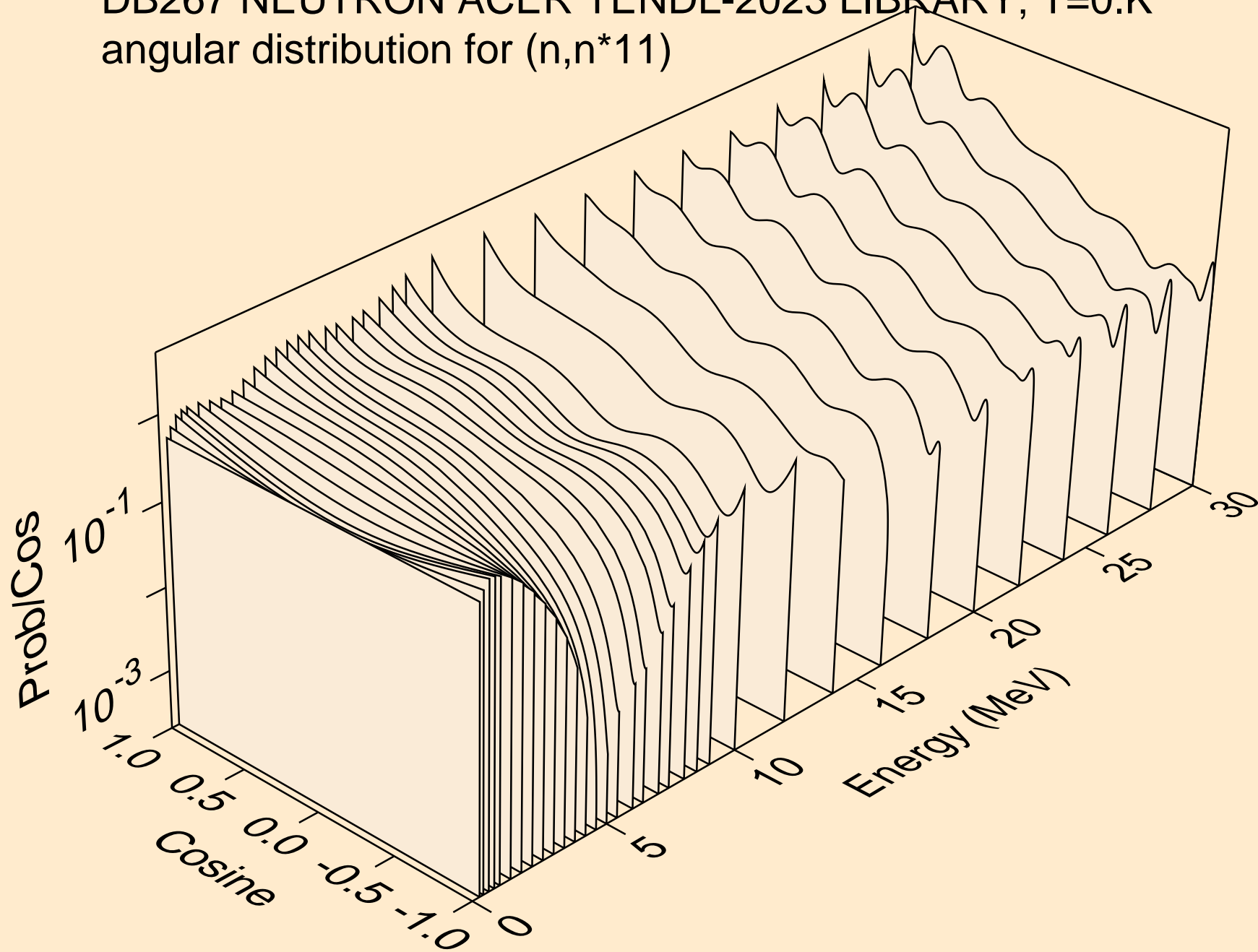
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angular distribution for (n,n\*9)



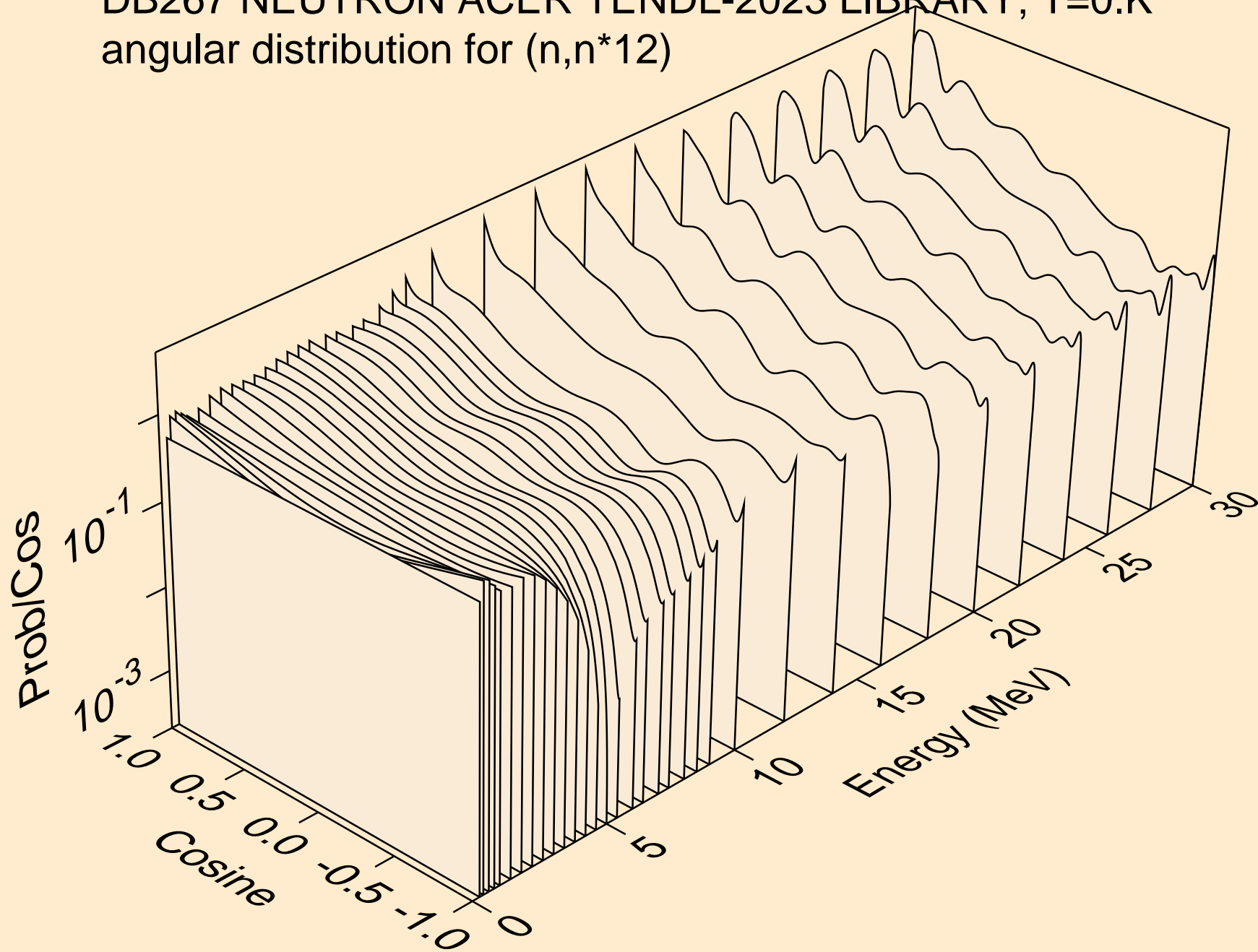
DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

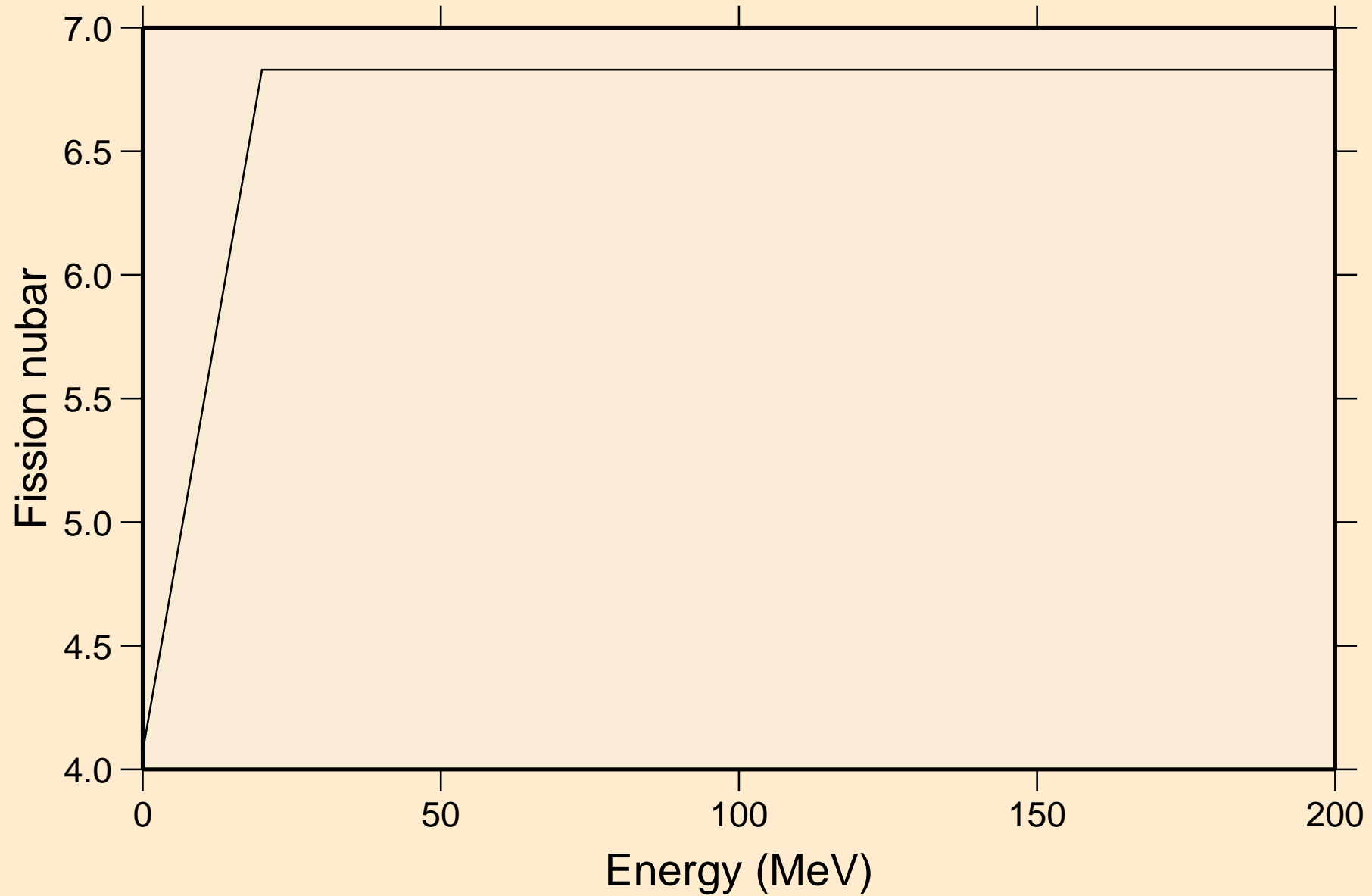


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angular distribution for (n,n\*12)

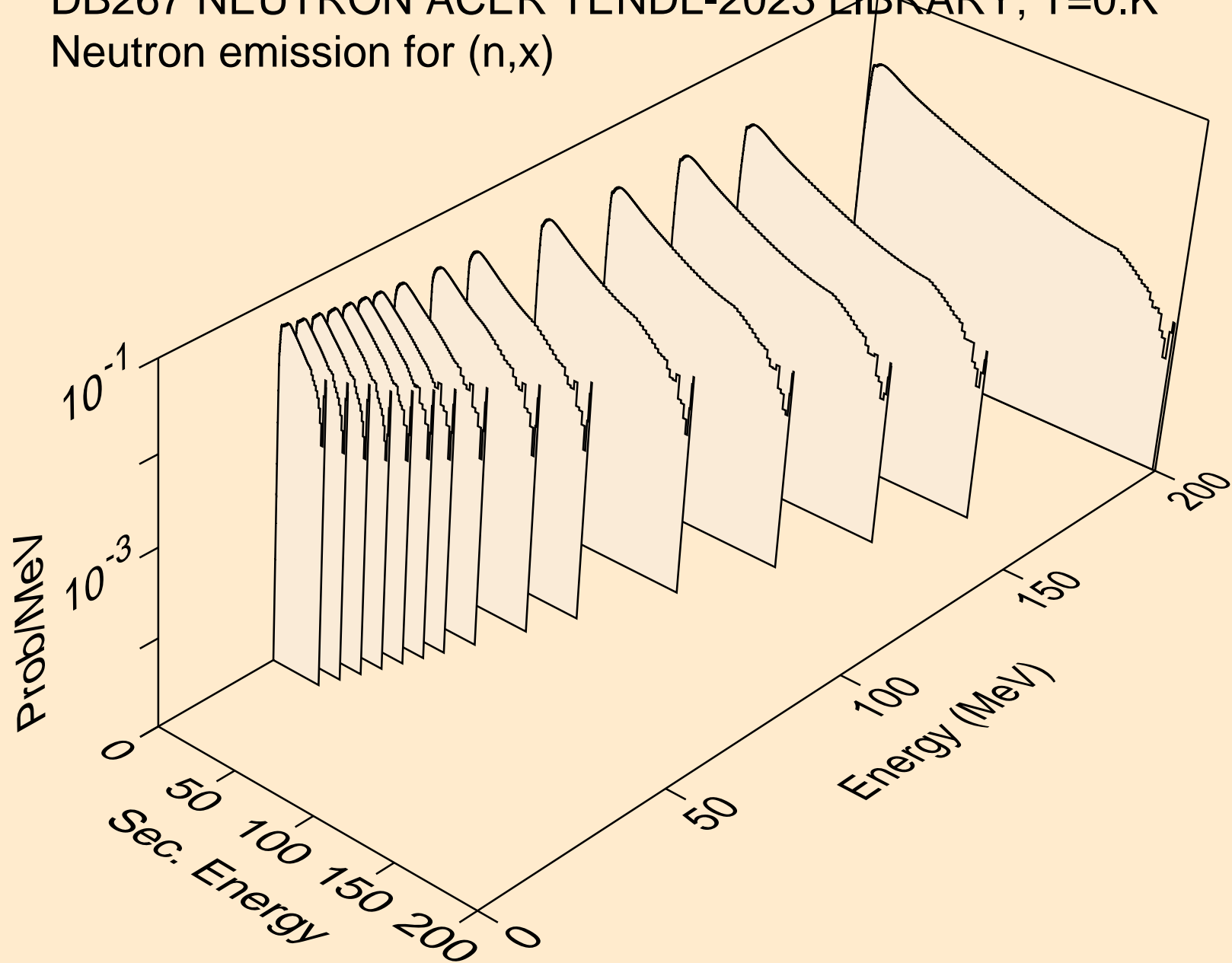


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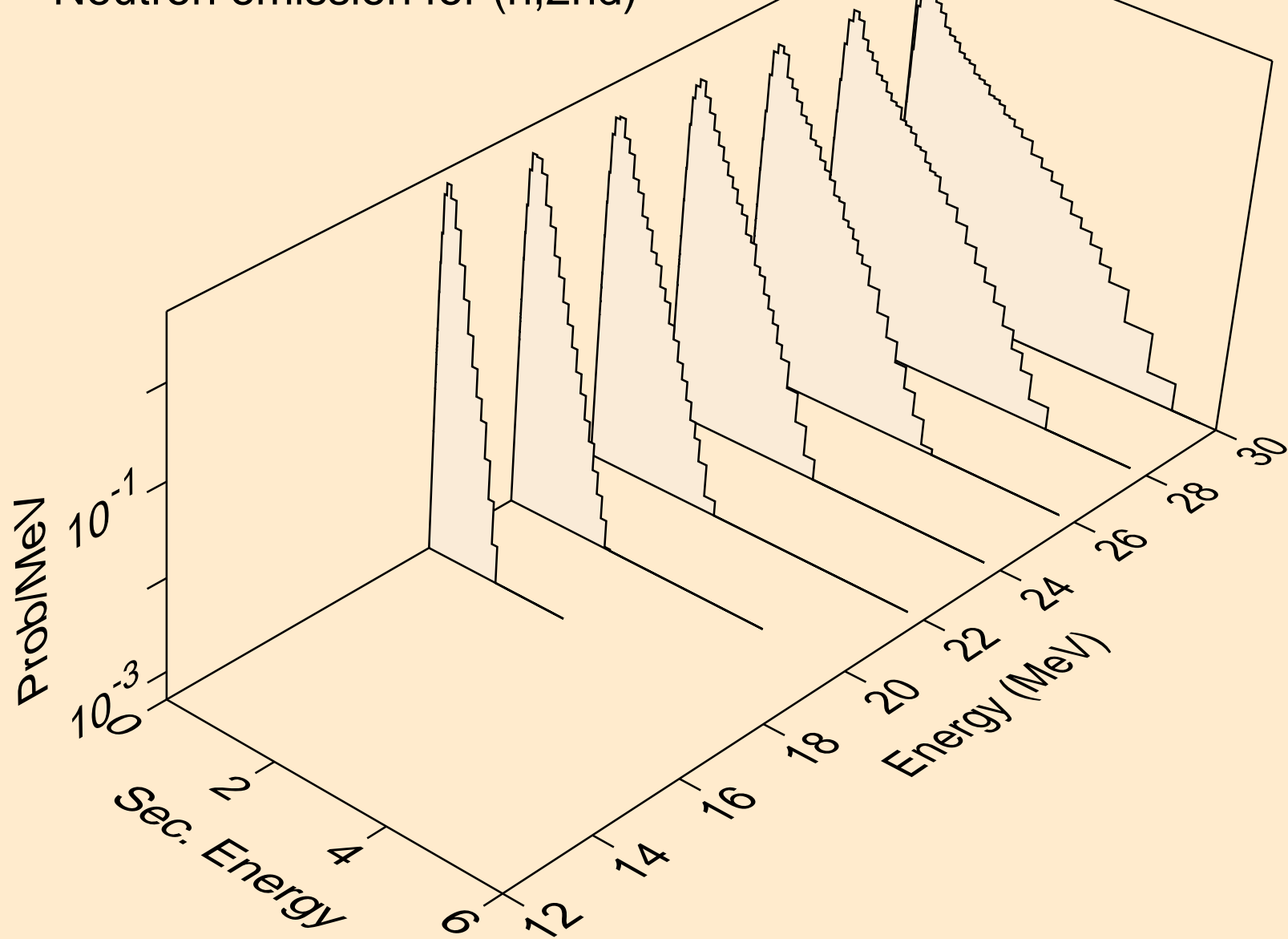
Total fission nubar



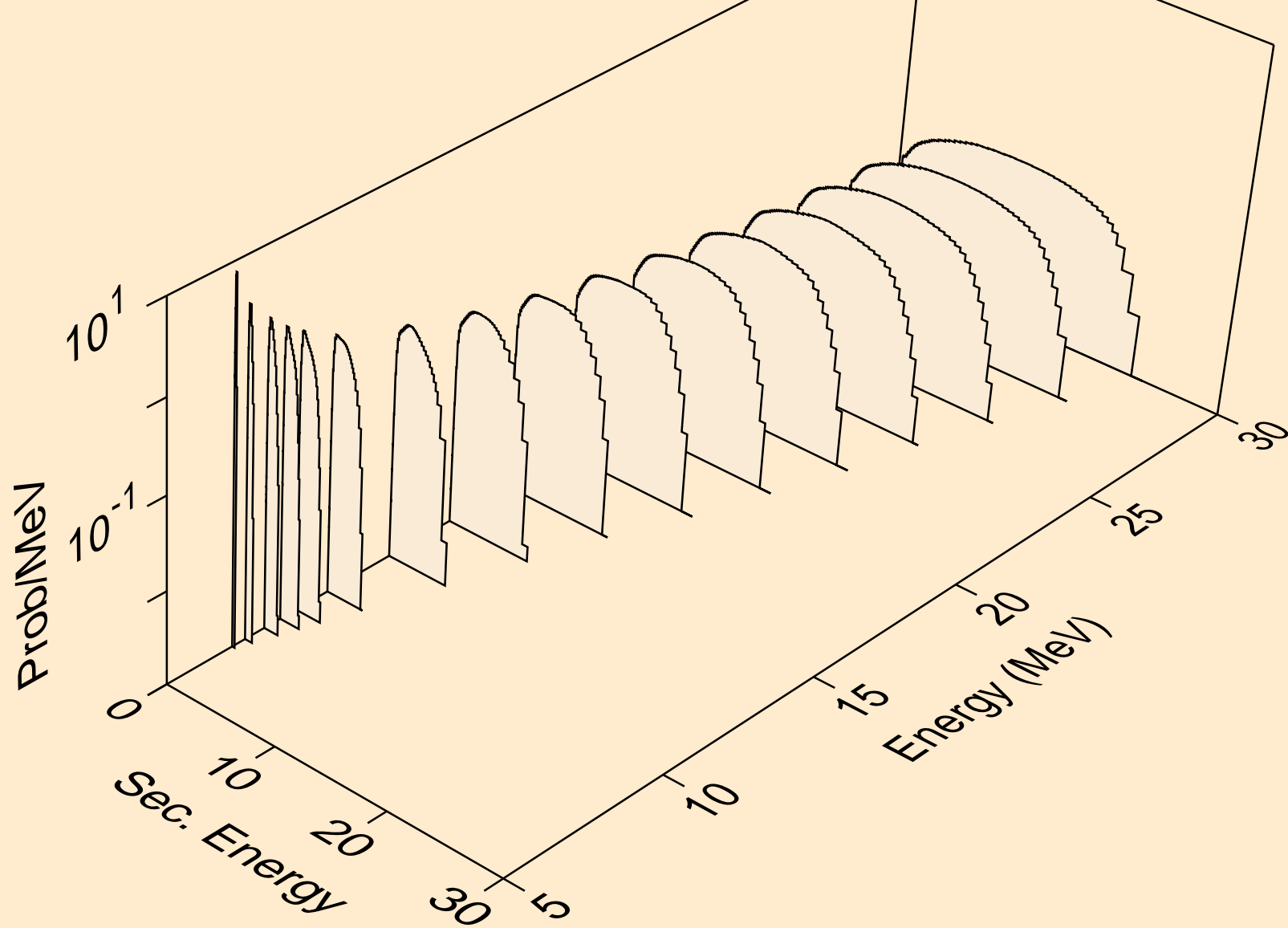
DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



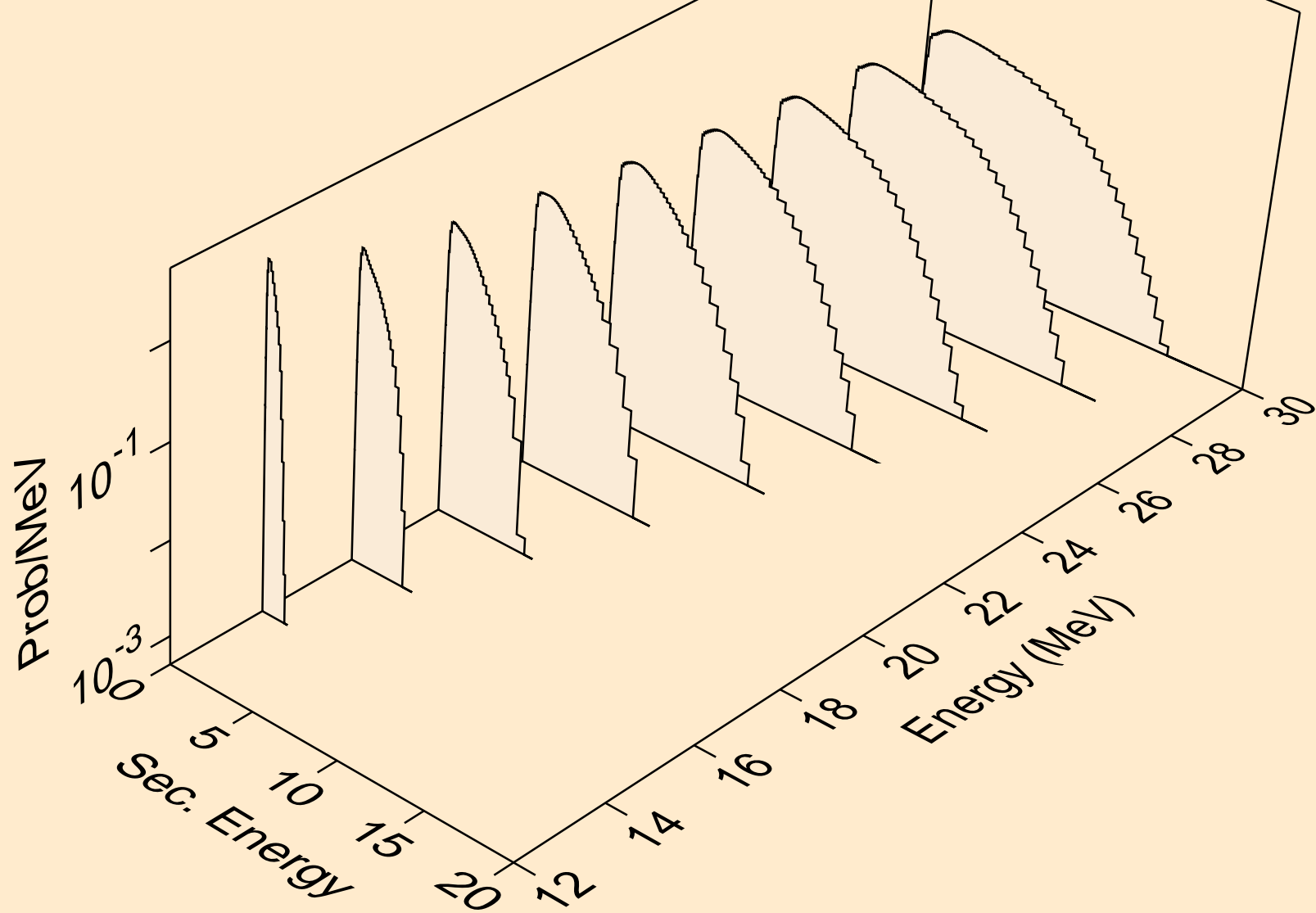
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Neutron emission for (n,2nd)



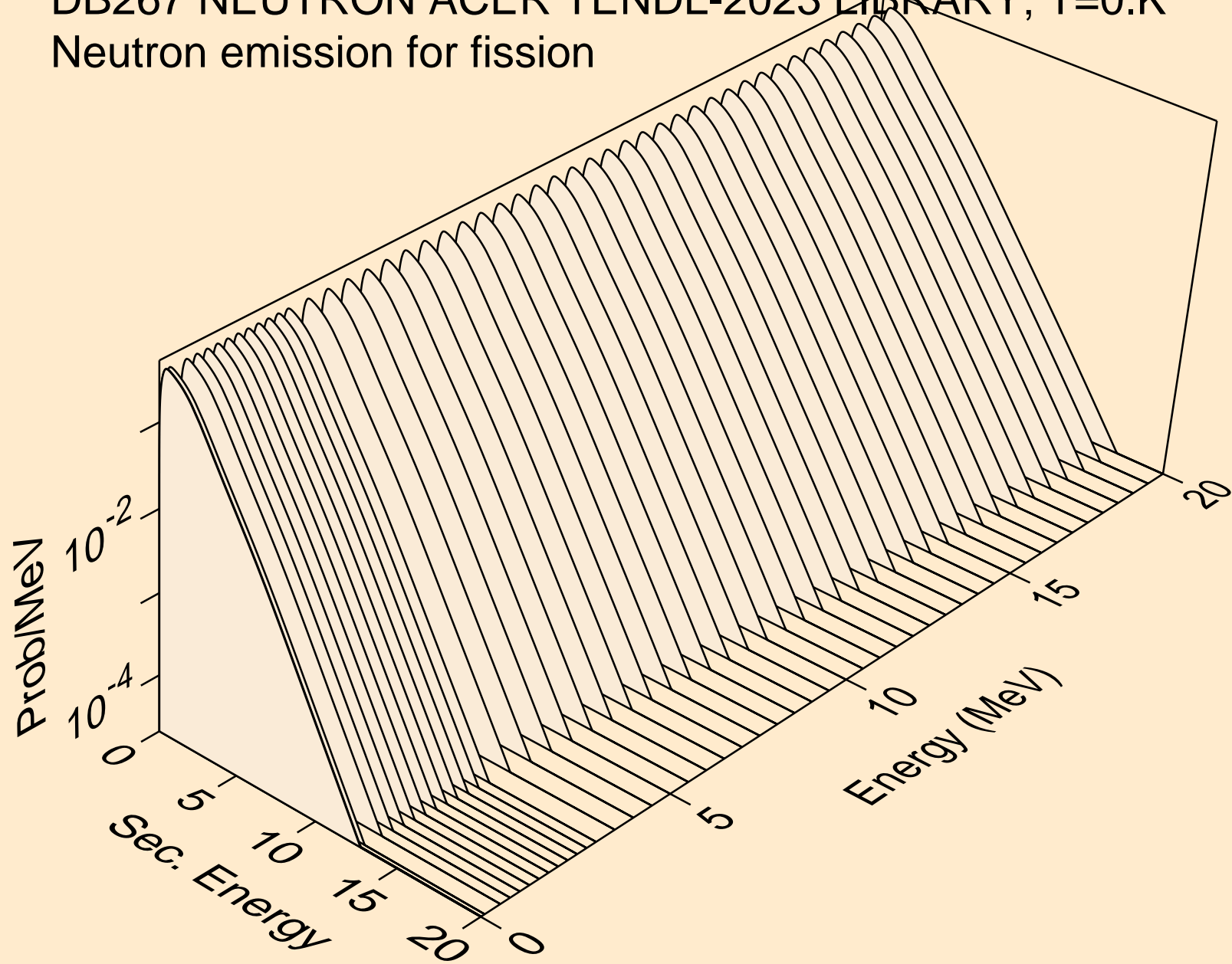
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Neutron emission for (n,2n)



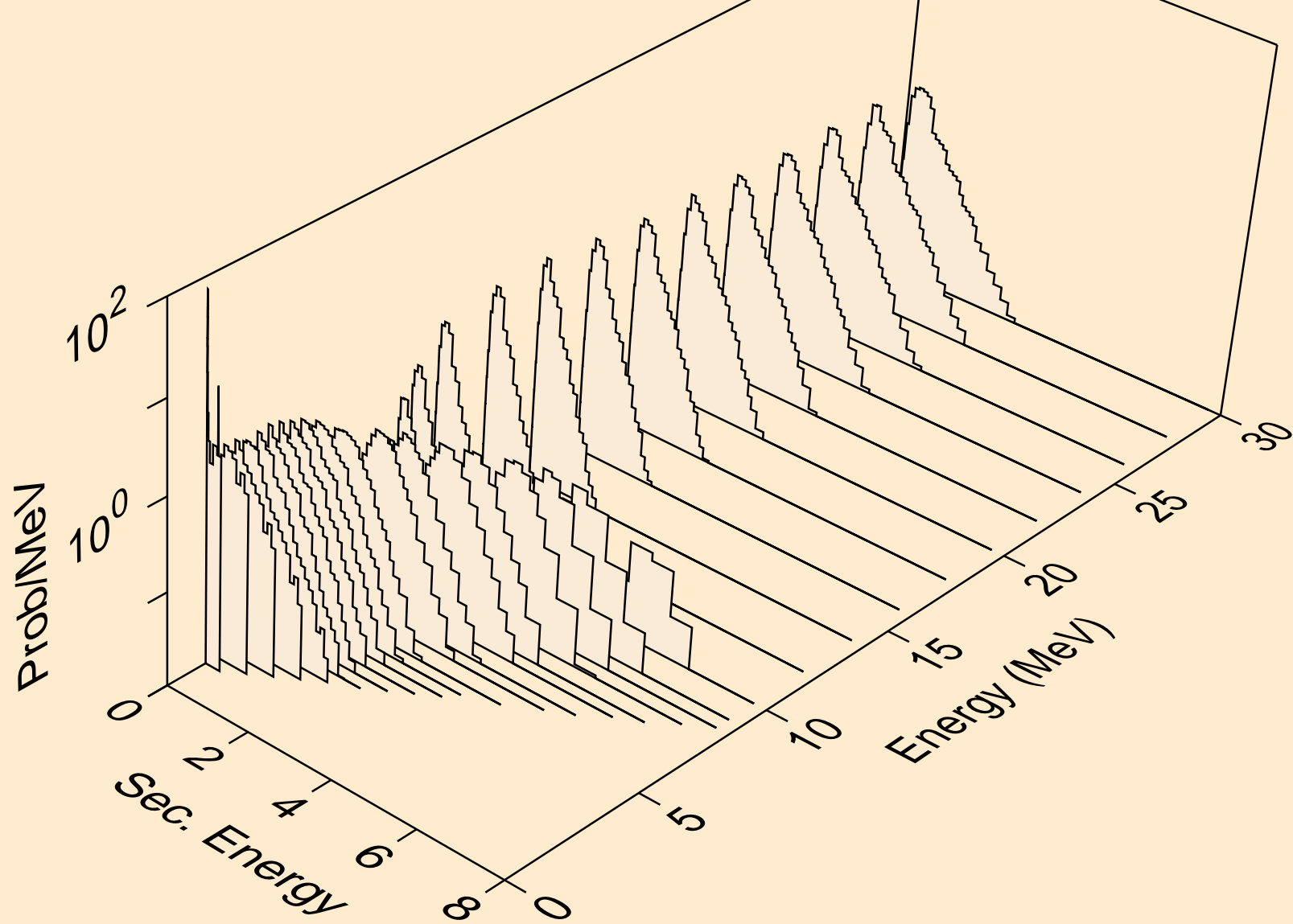
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Neutron emission for (n,3n)



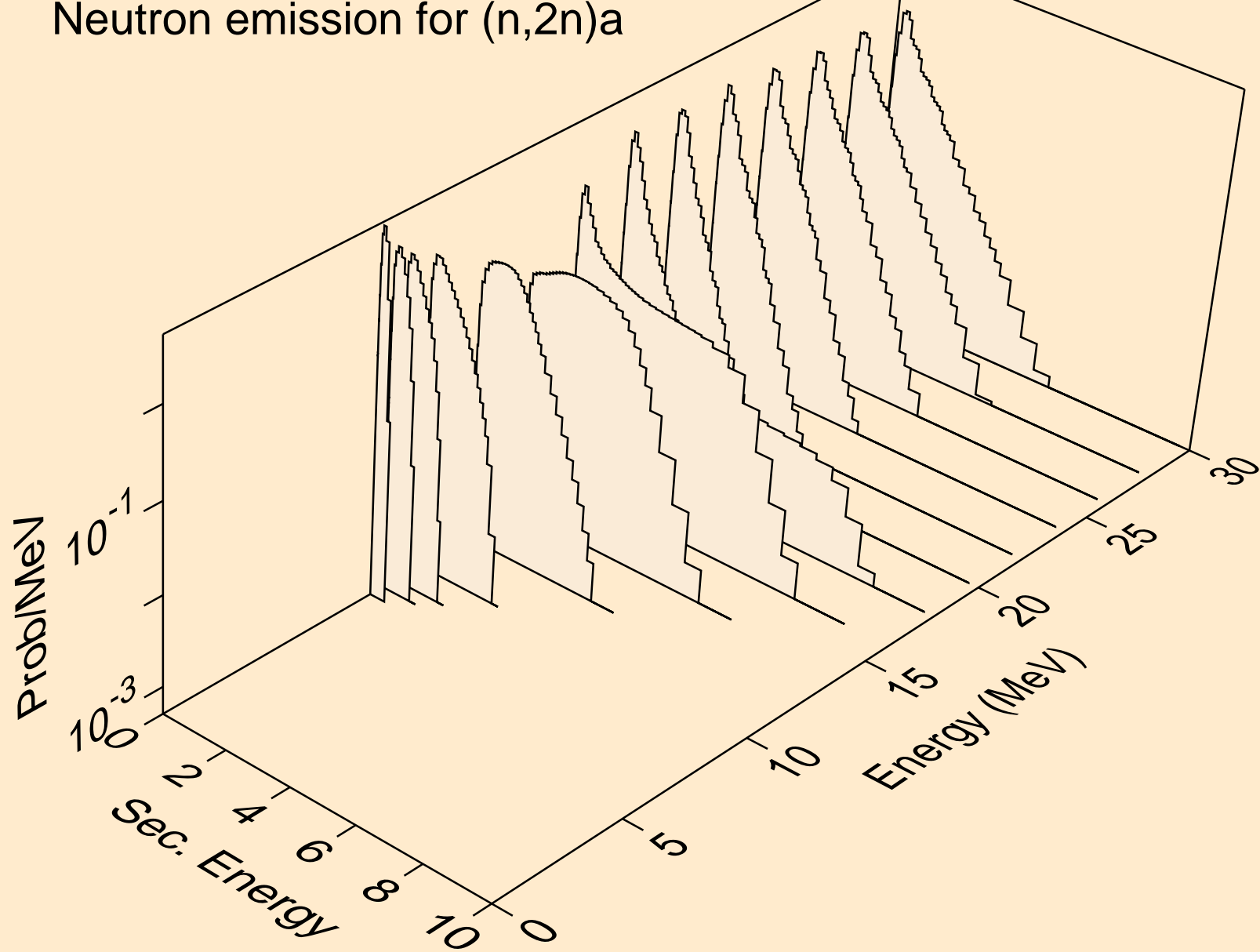
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Neutron emission for fission



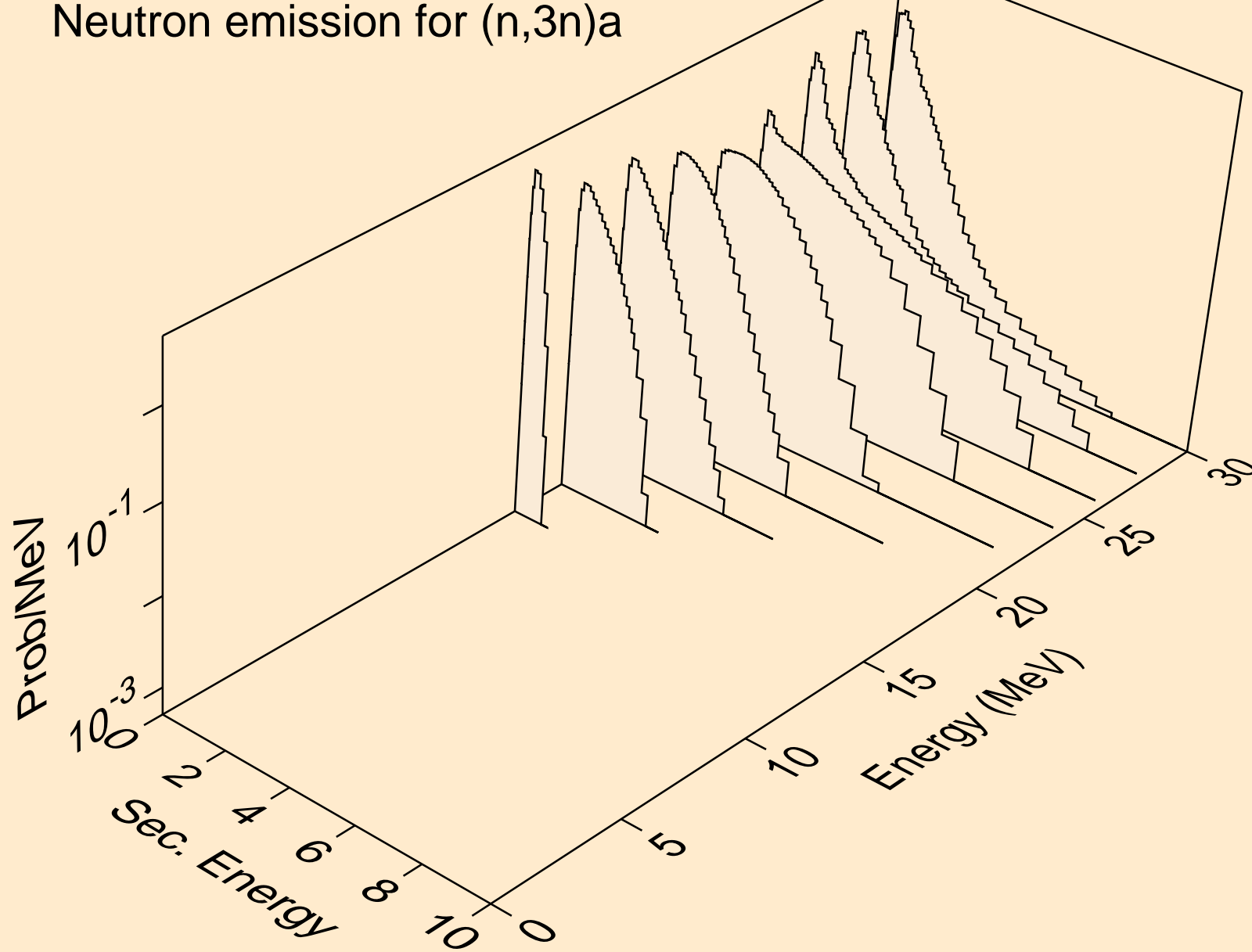
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Neutron emission for (n,n\*)a



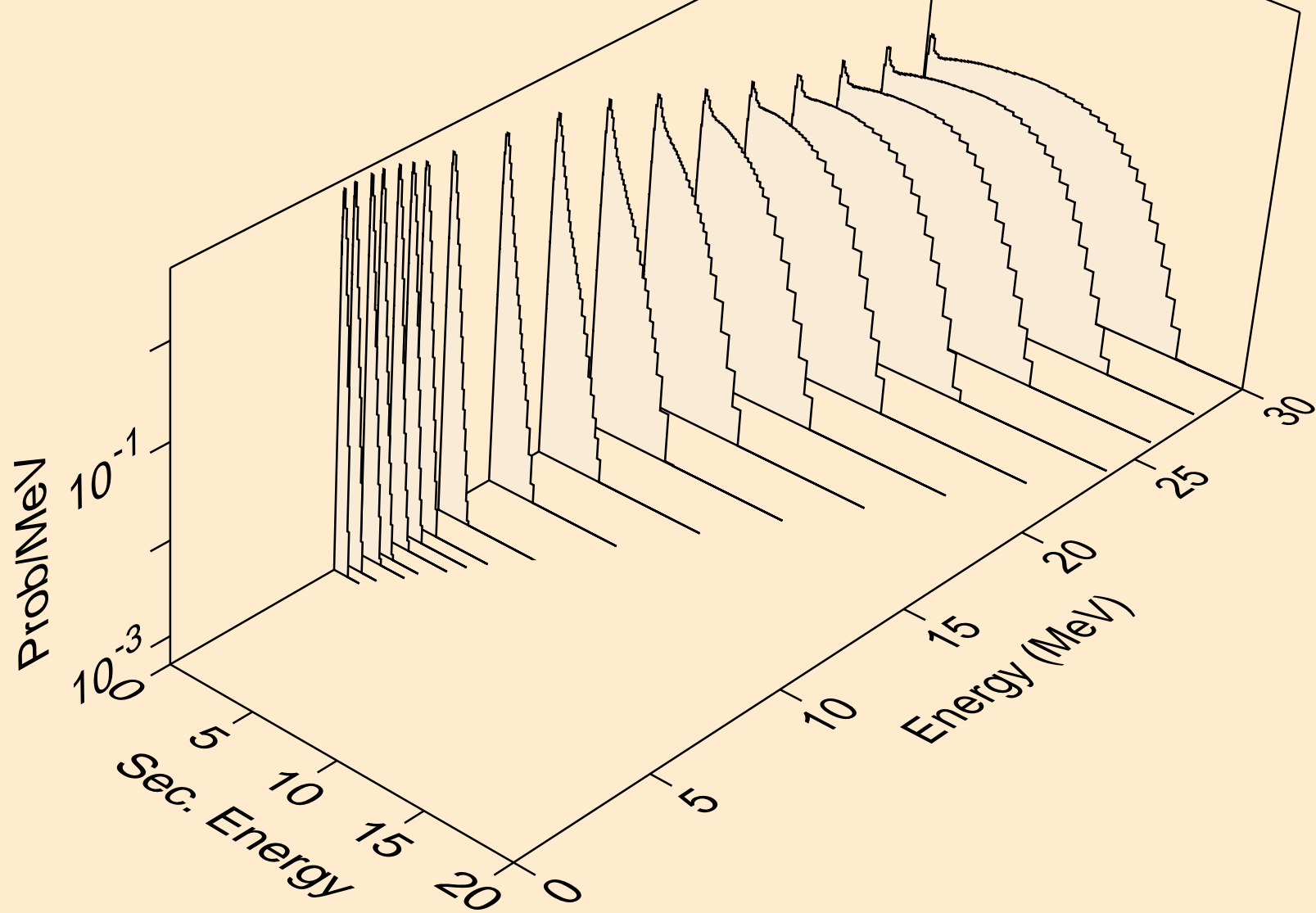
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Neutron emission for (n,2n)a



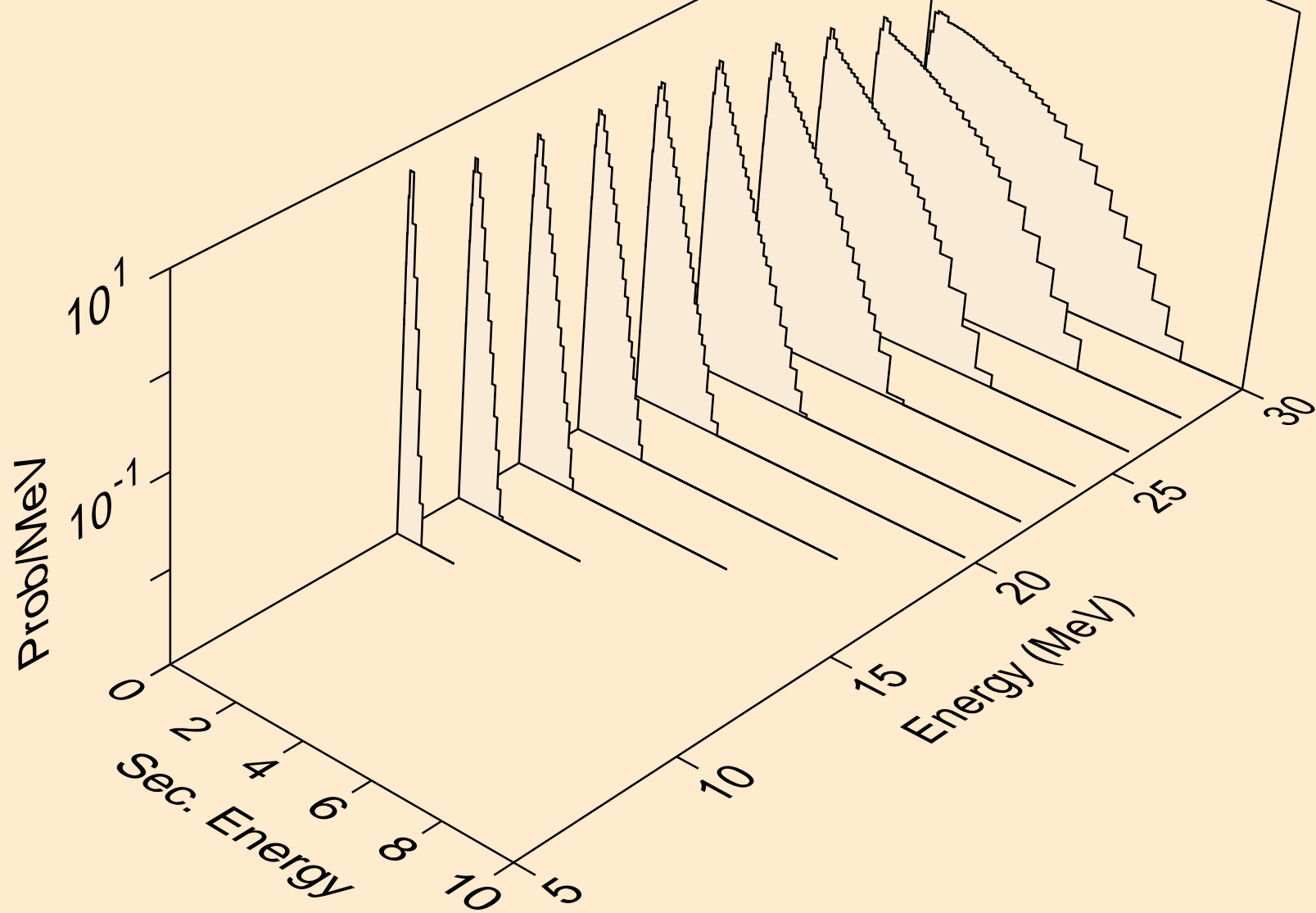
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Neutron emission for (n,3n)a



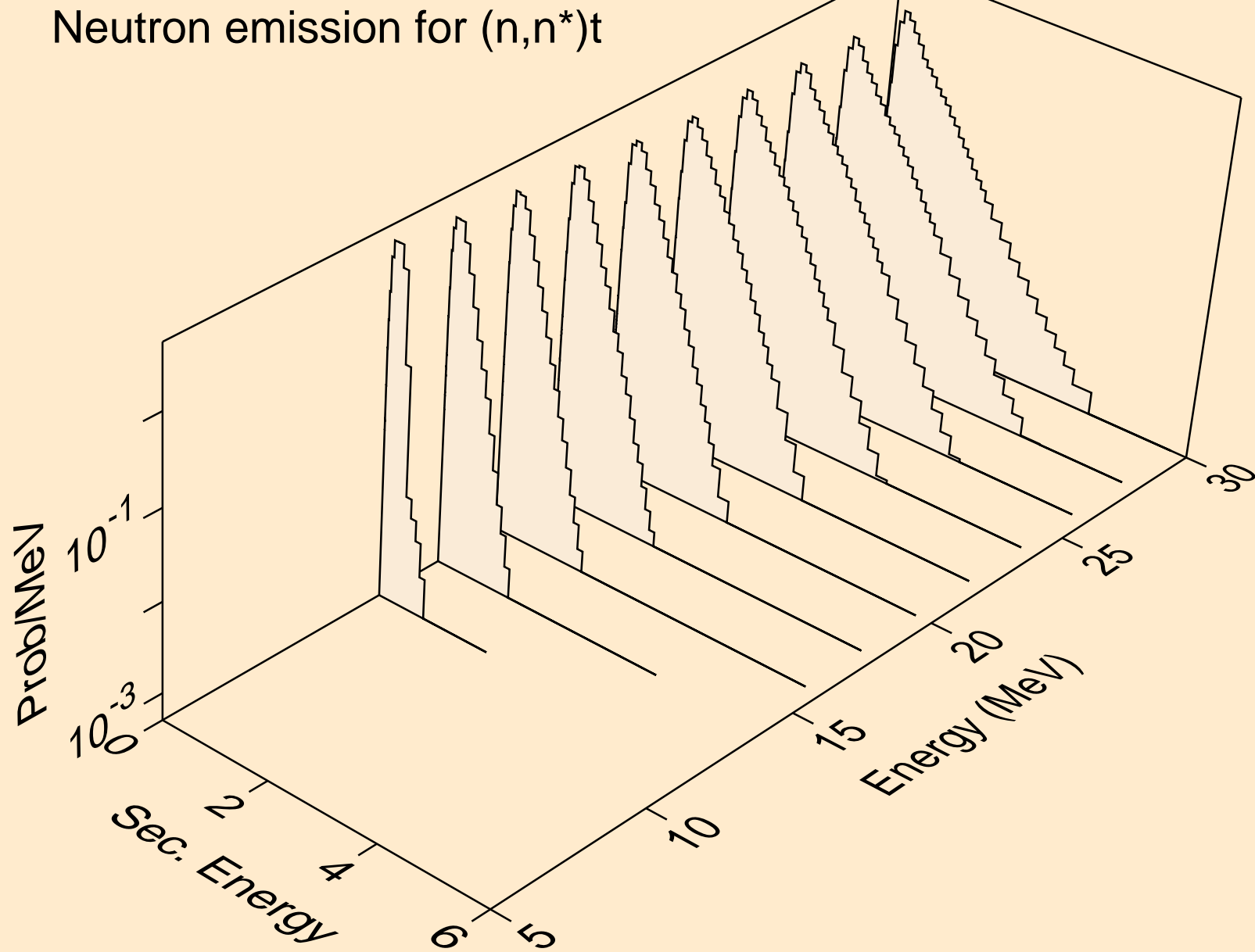
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Neutron emission for (n,n\*)p



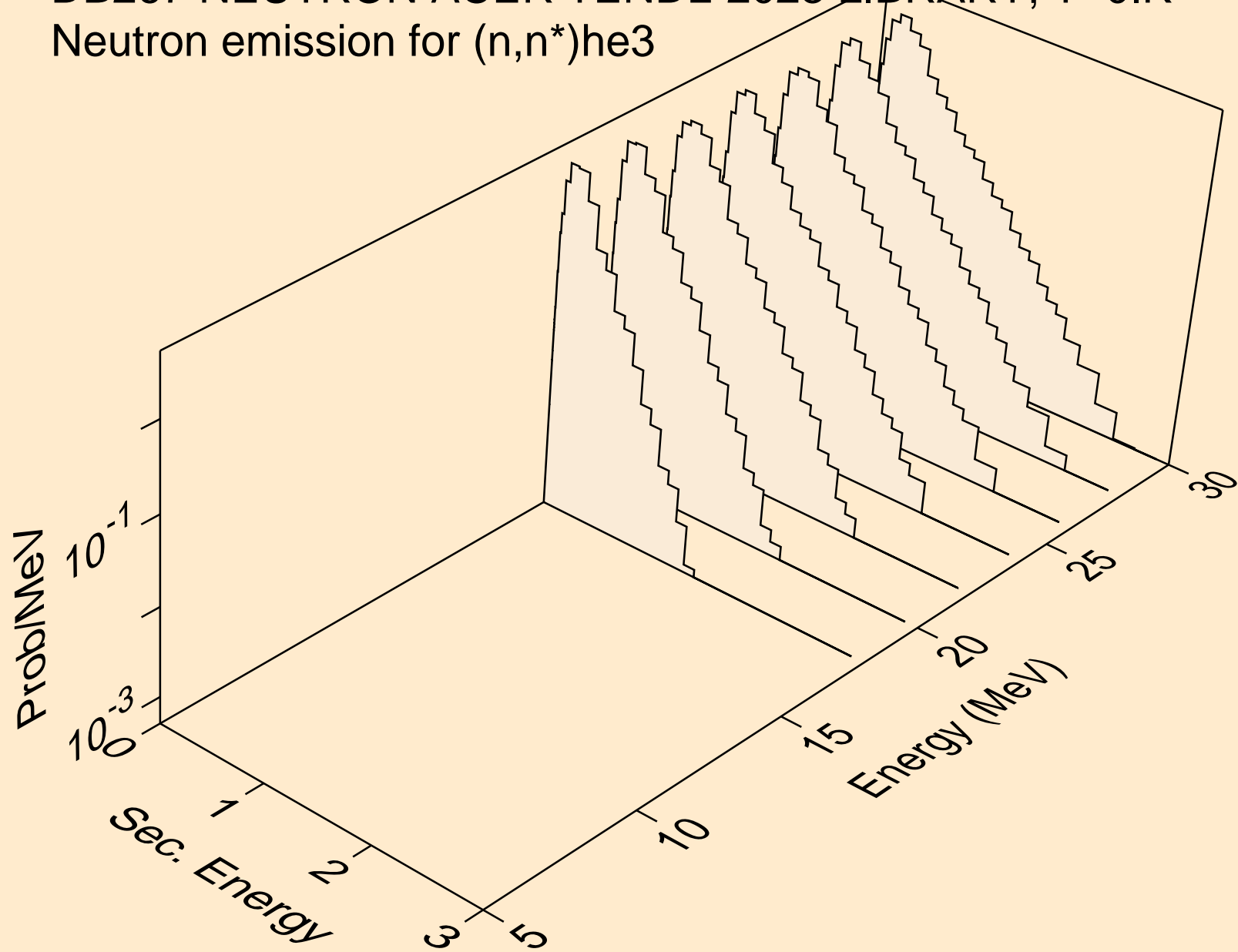
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Neutron emission for (n,n\*)d



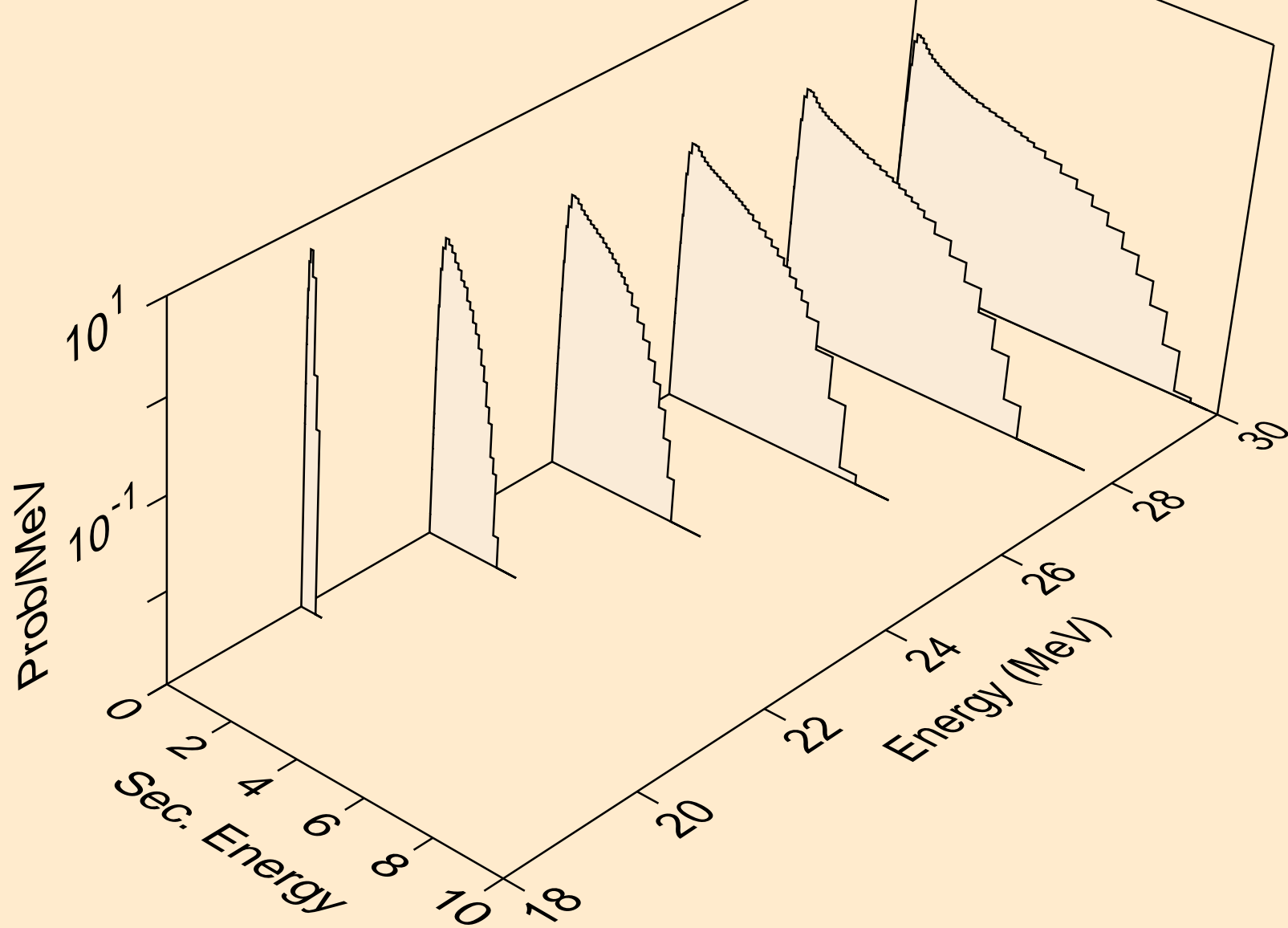
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Neutron emission for (n,n\*)t



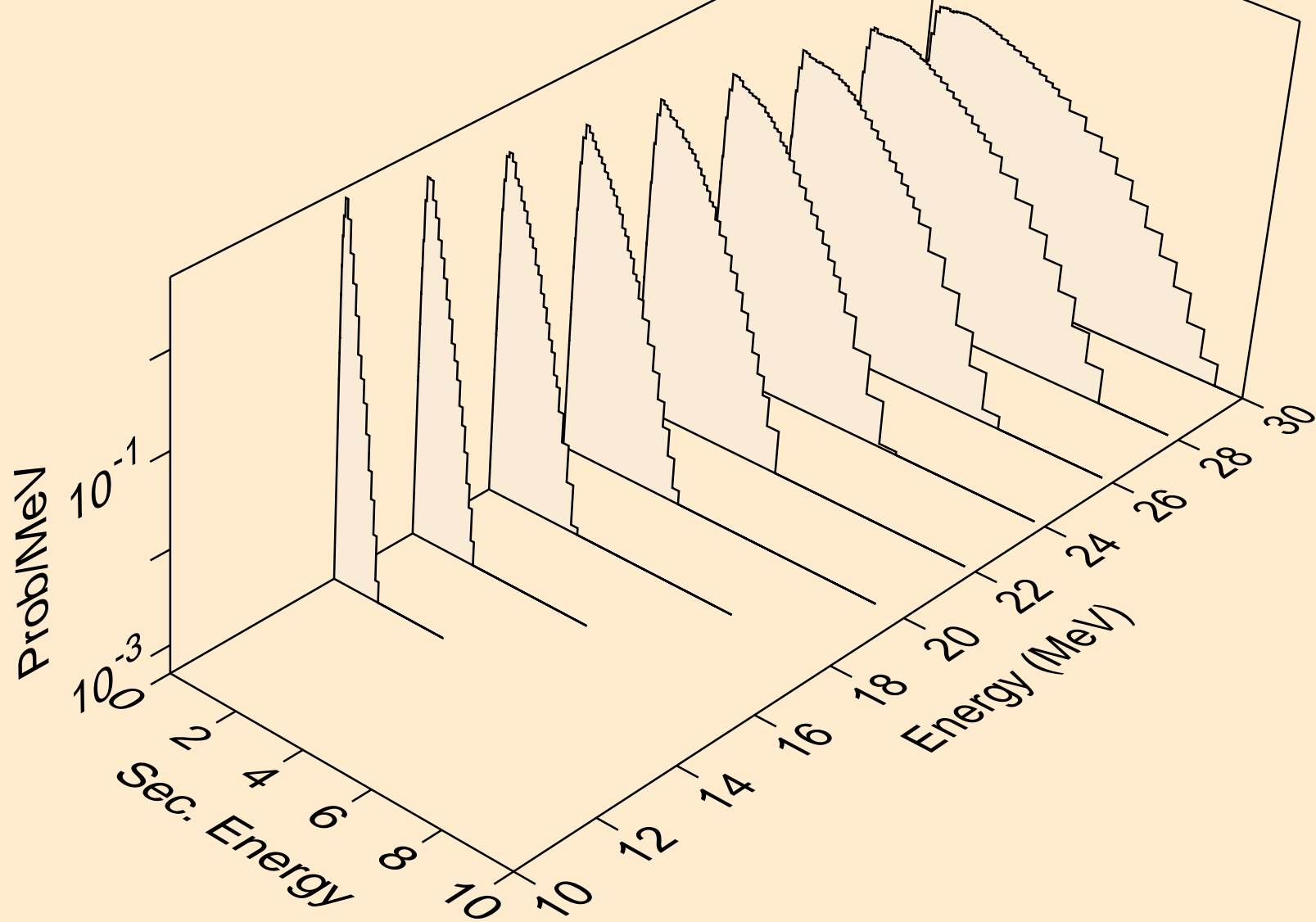
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Neutron emission for (n,n\*)he3



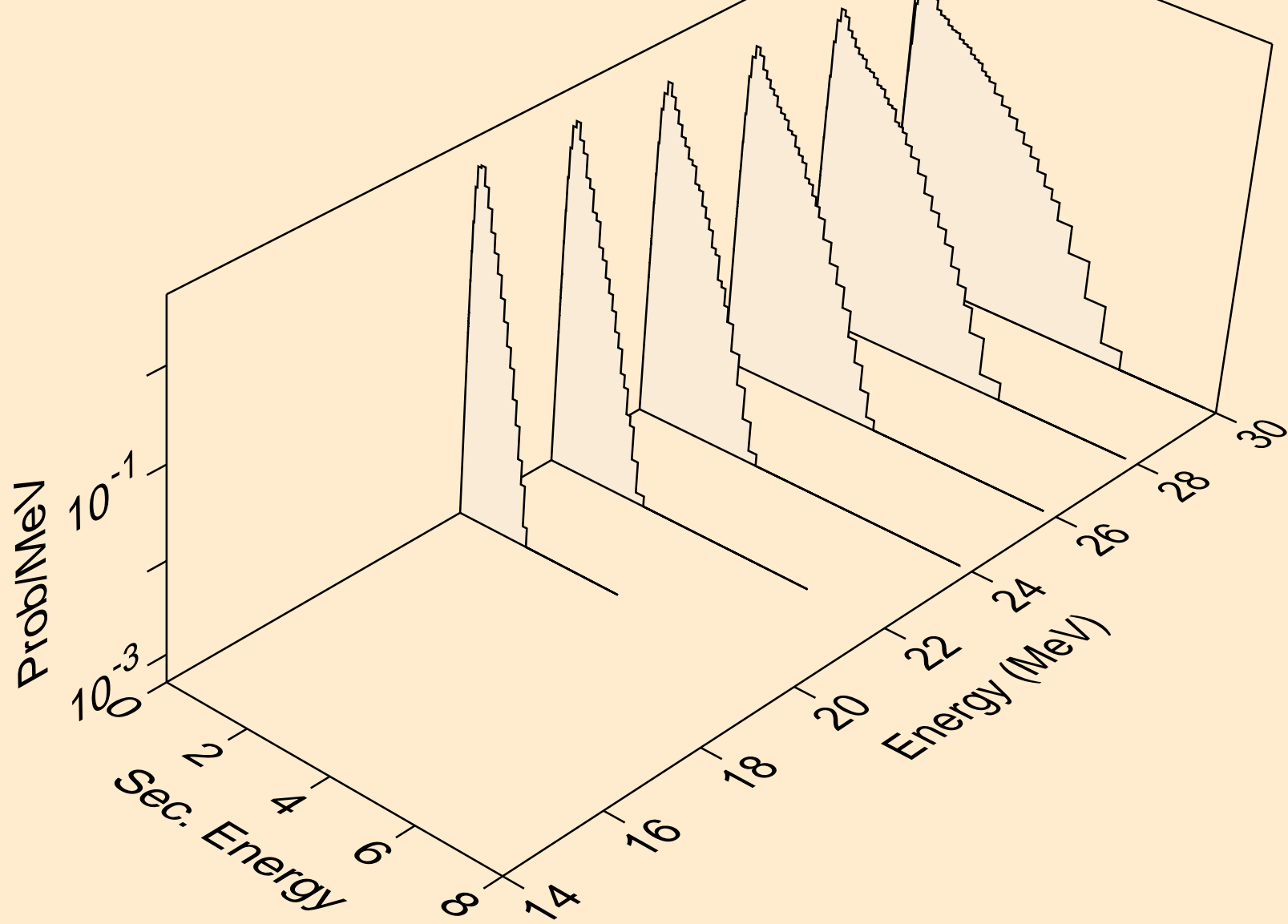
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Neutron emission for (n,4n)



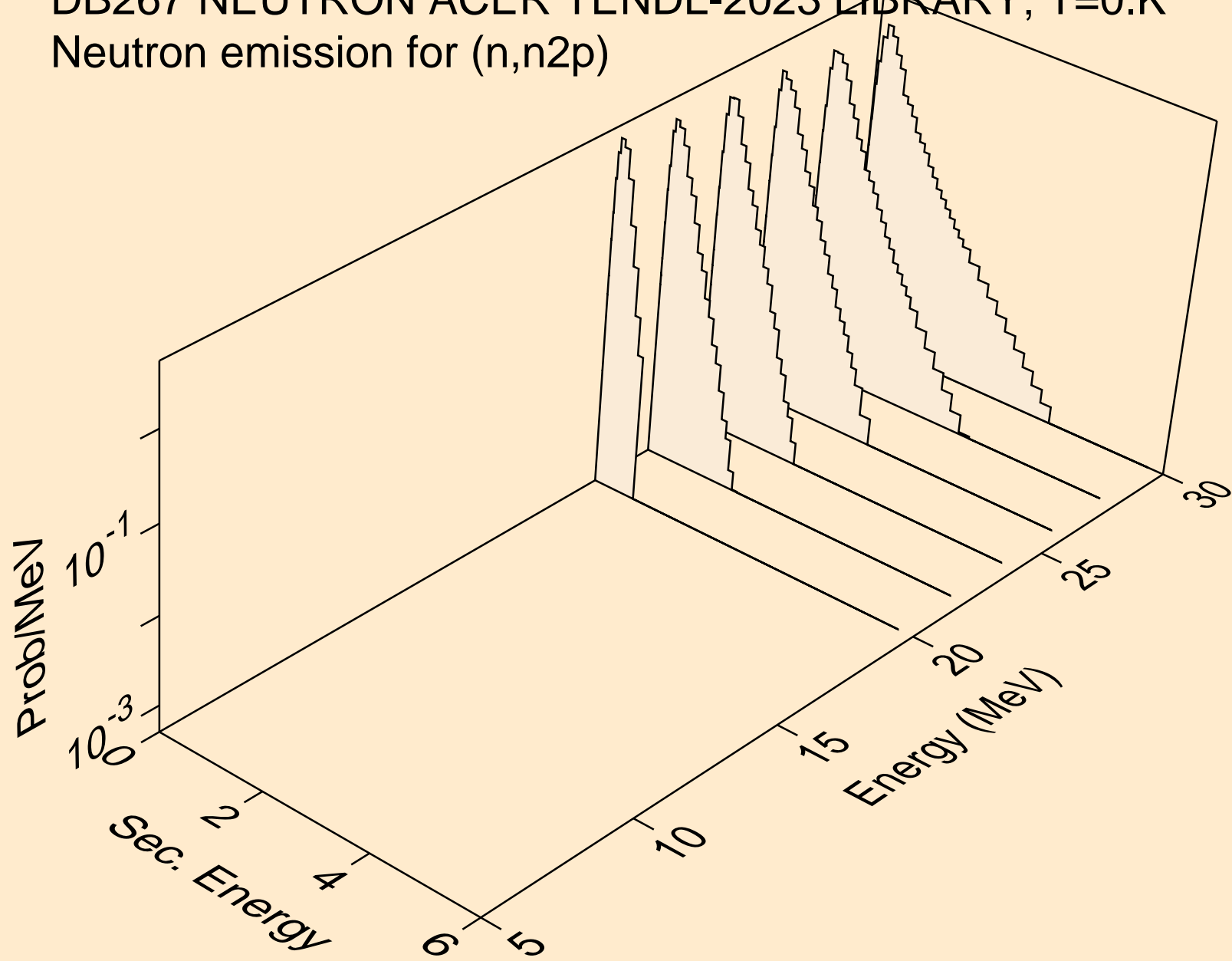
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Neutron emission for (n,2np)



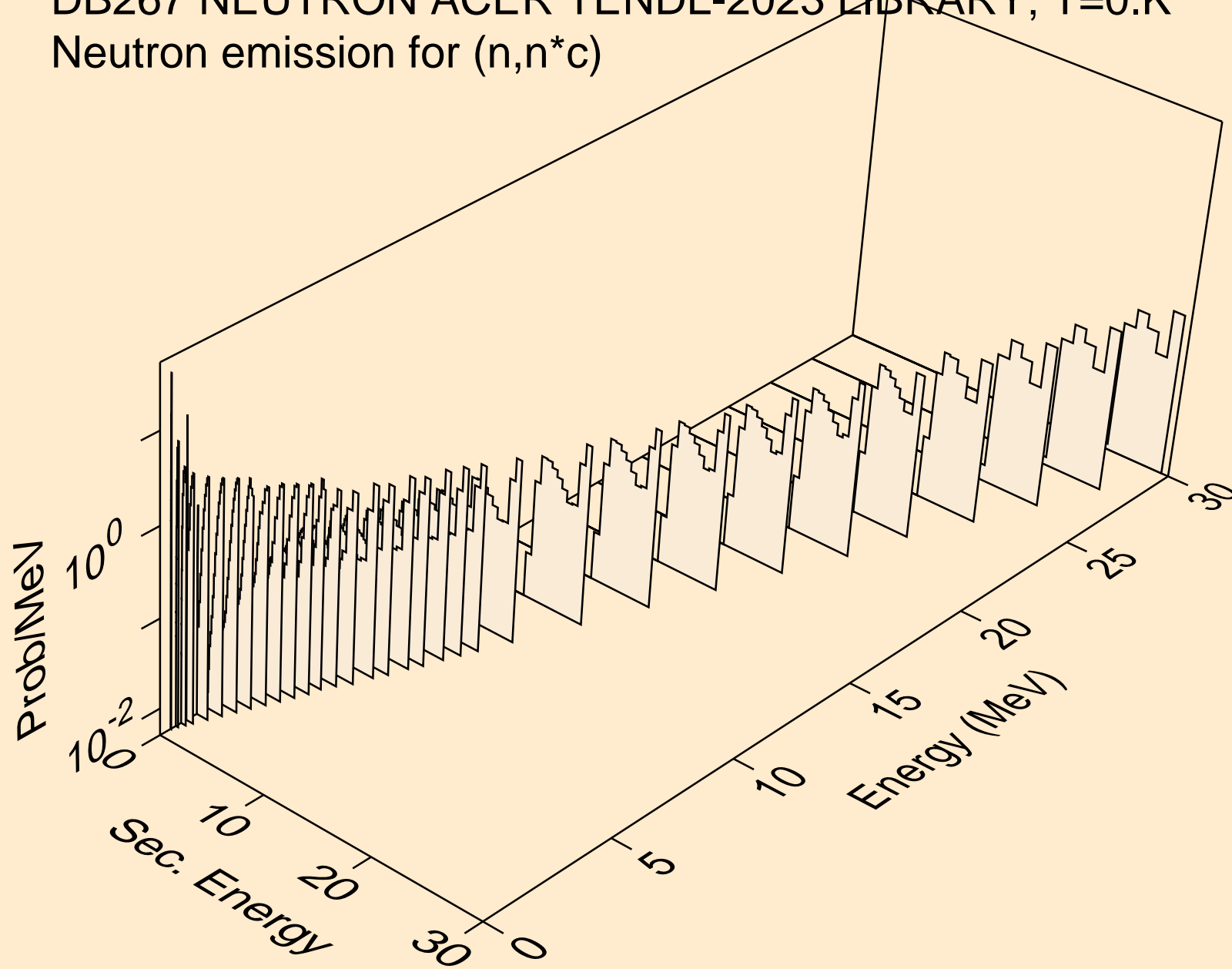
DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

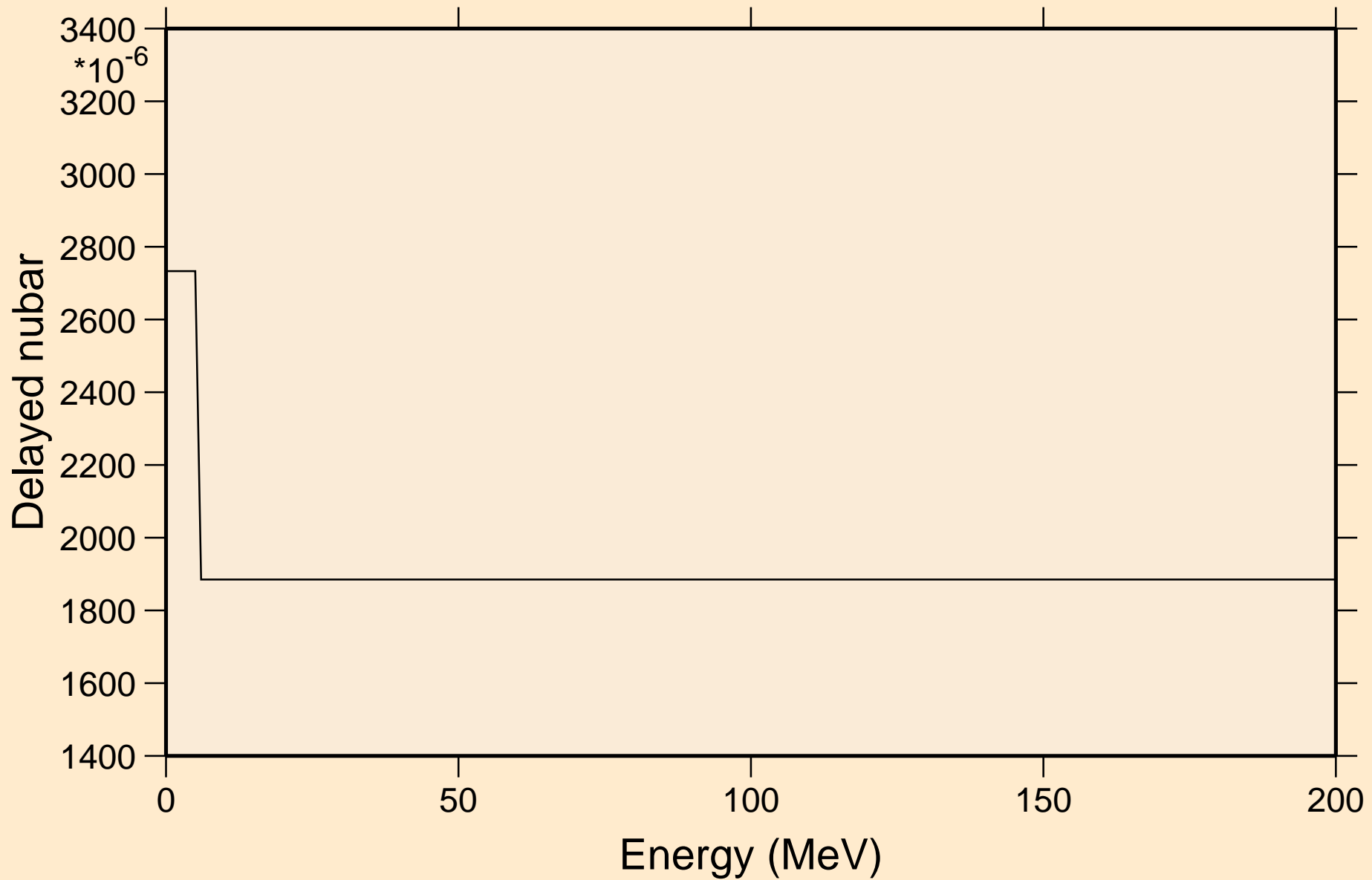


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Neutron emission for (n,n\*c)



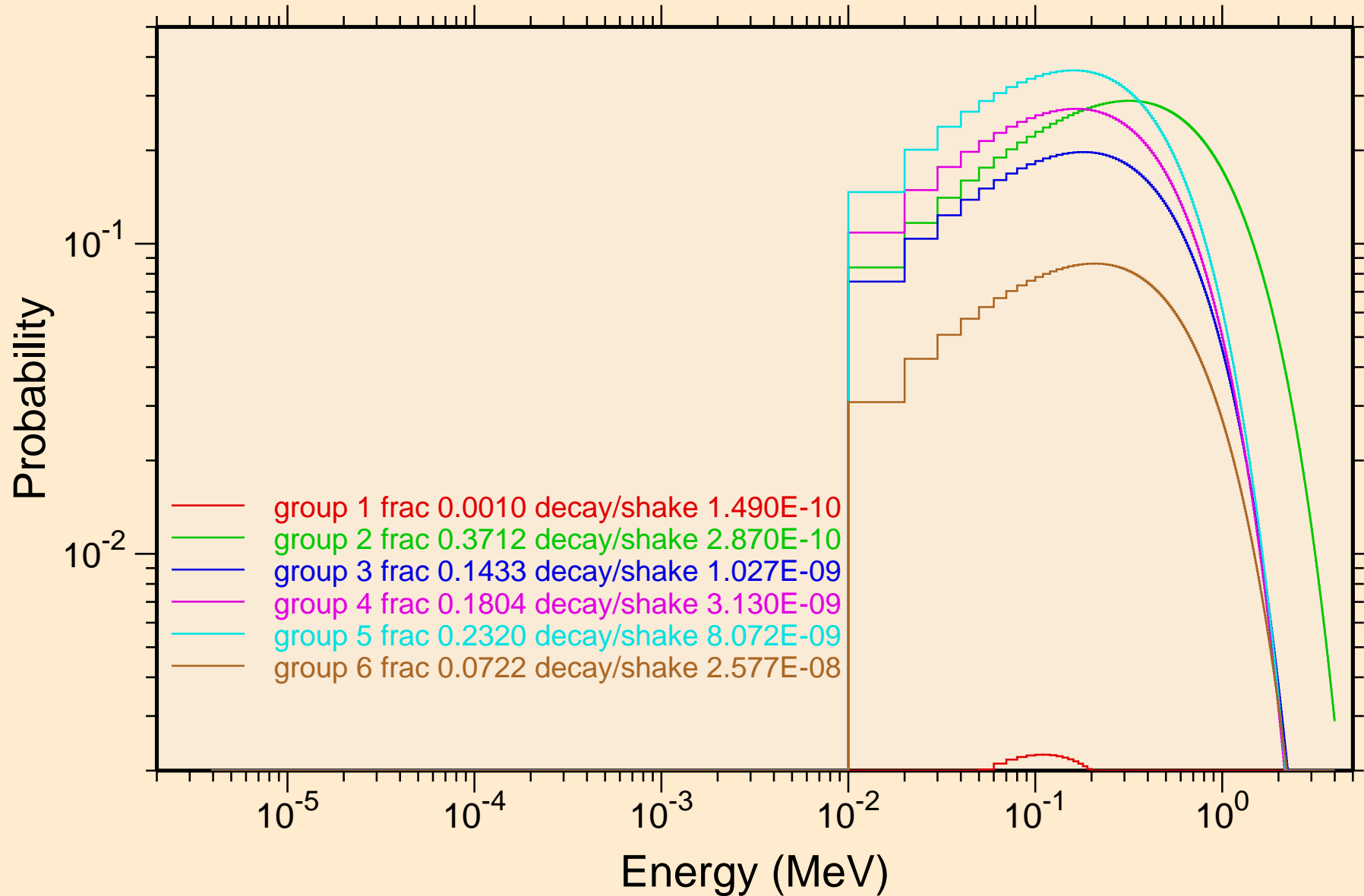
# DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Delayed nubar

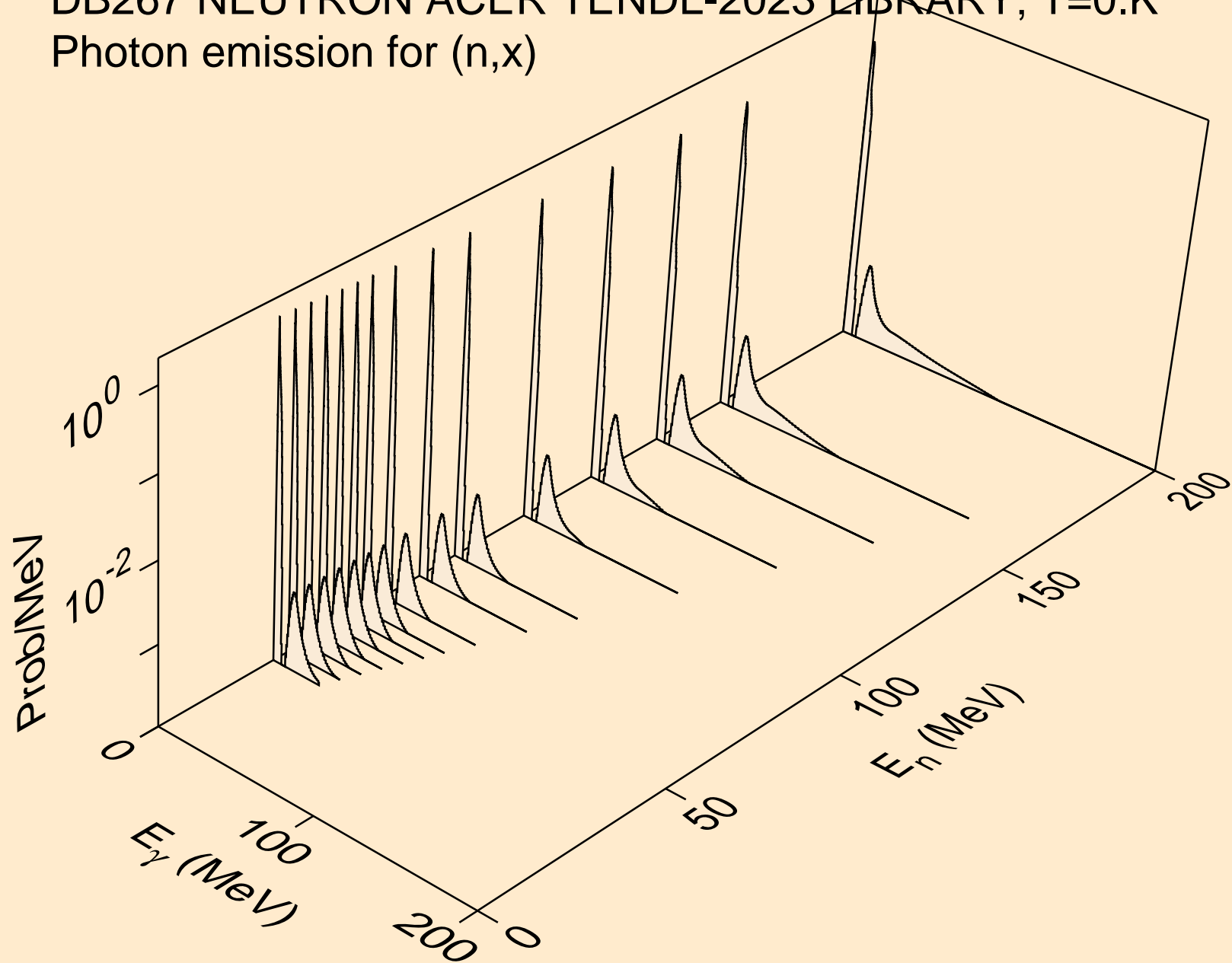


# DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

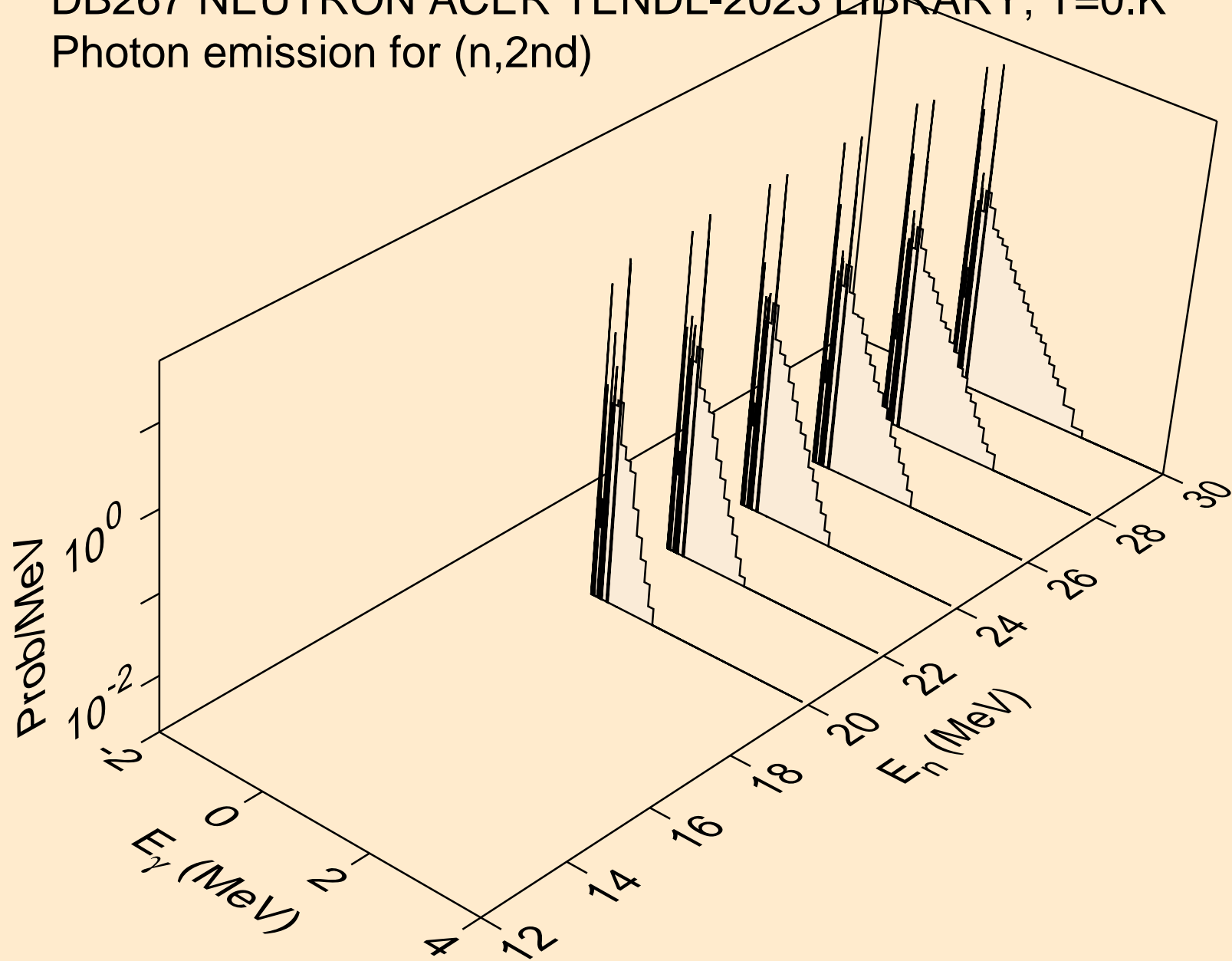
## Delayed neutron spectra



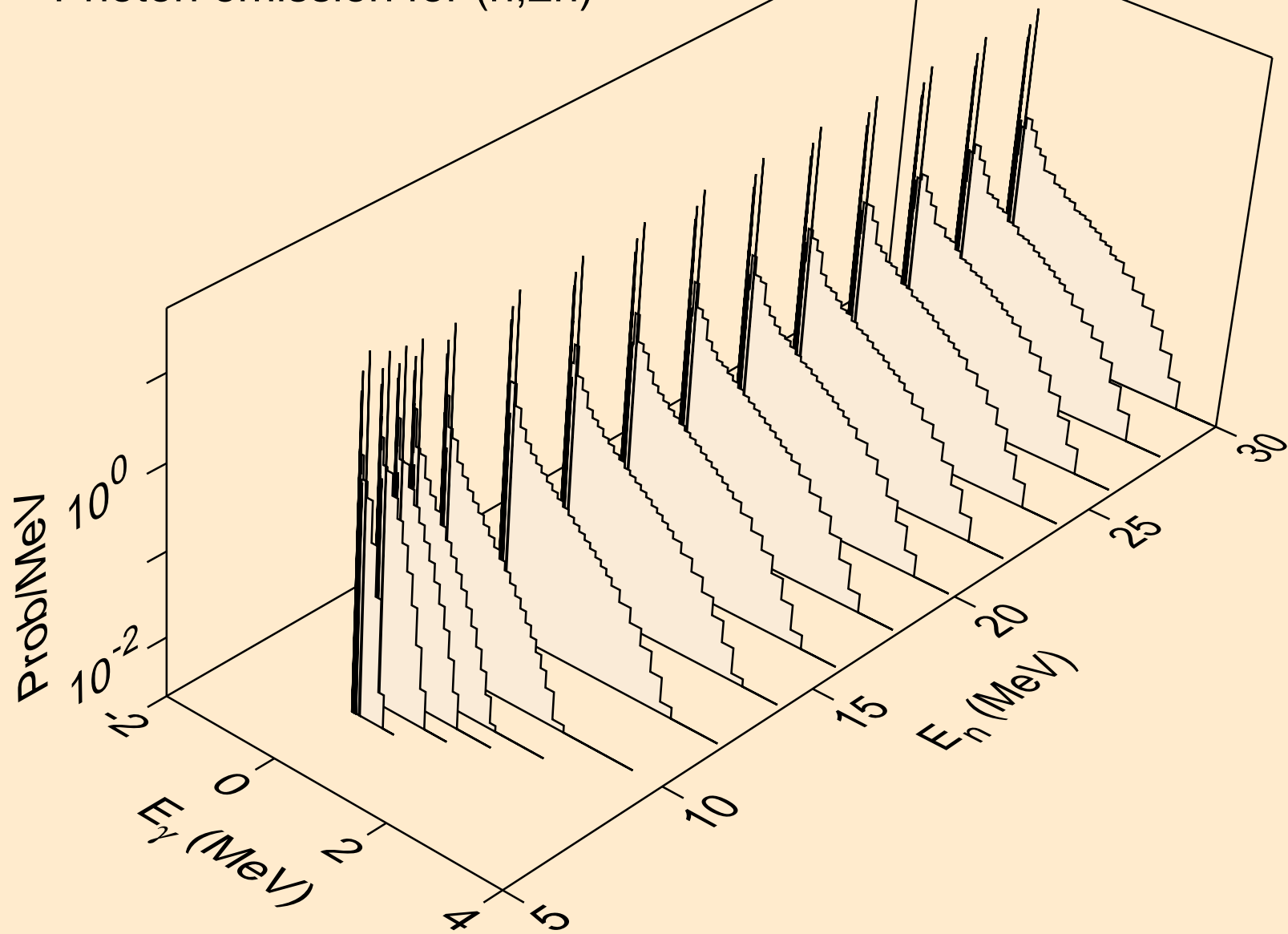
DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



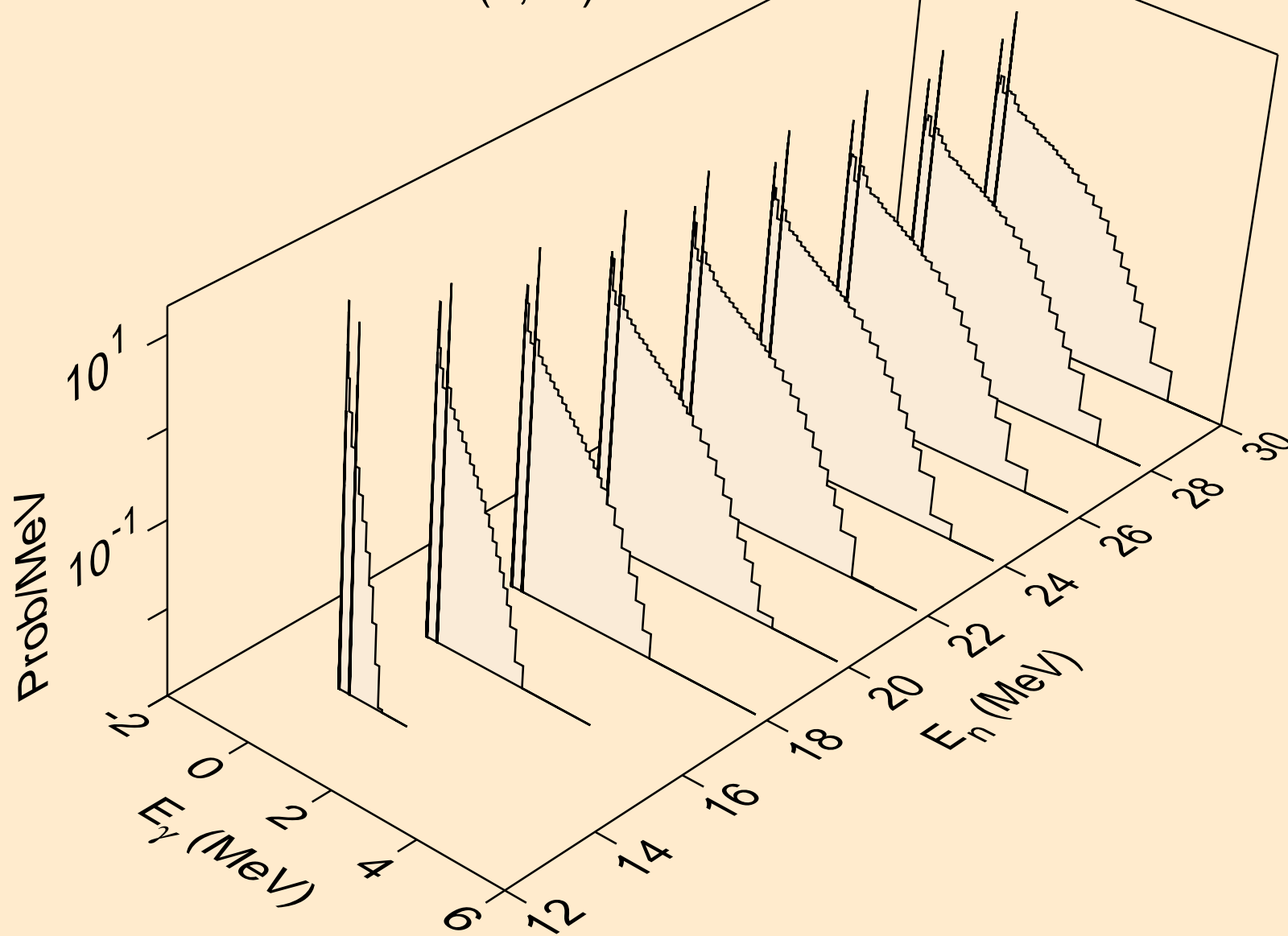
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Photon emission for (n,2nd)



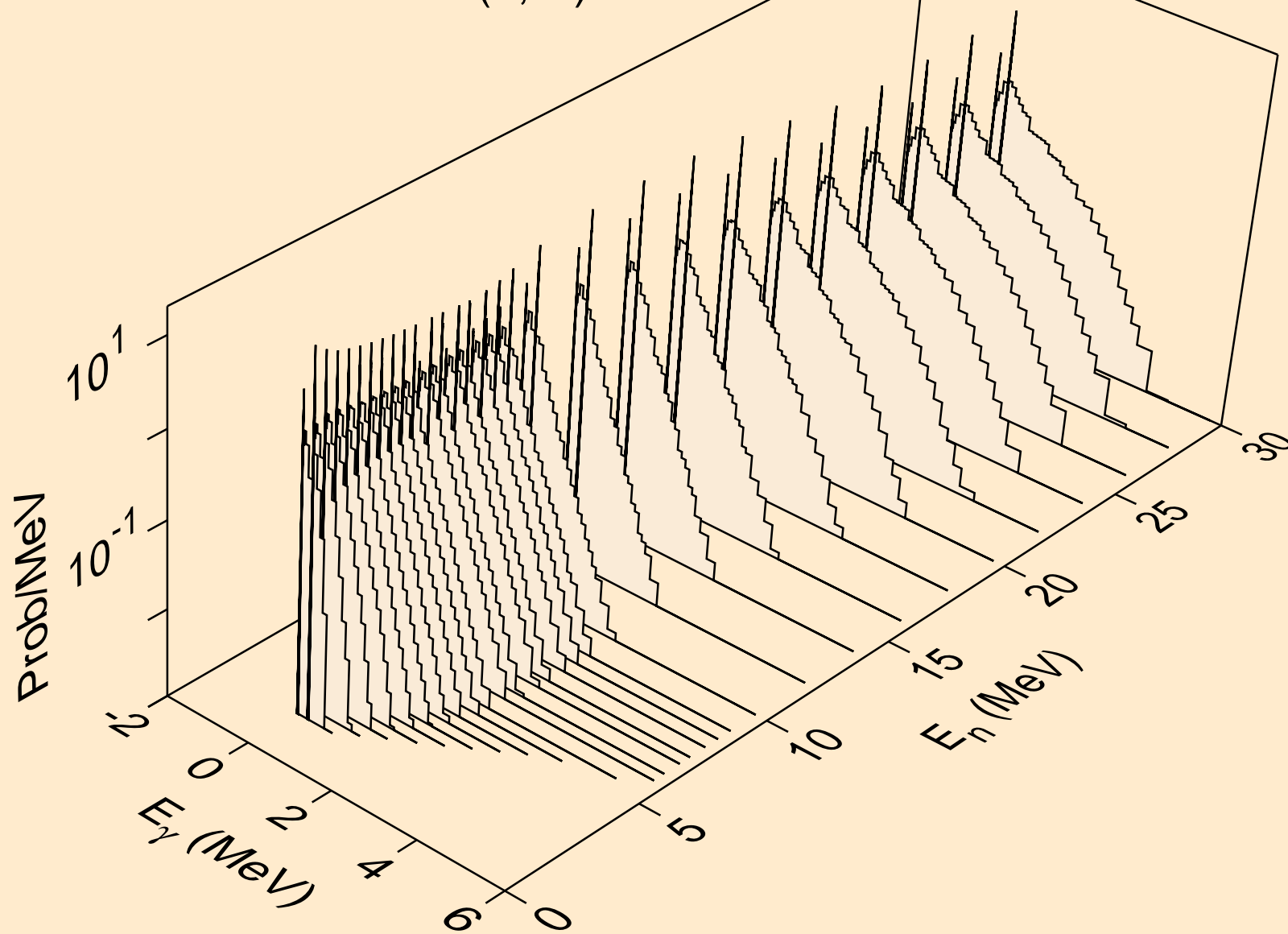
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Photon emission for (n,2n)



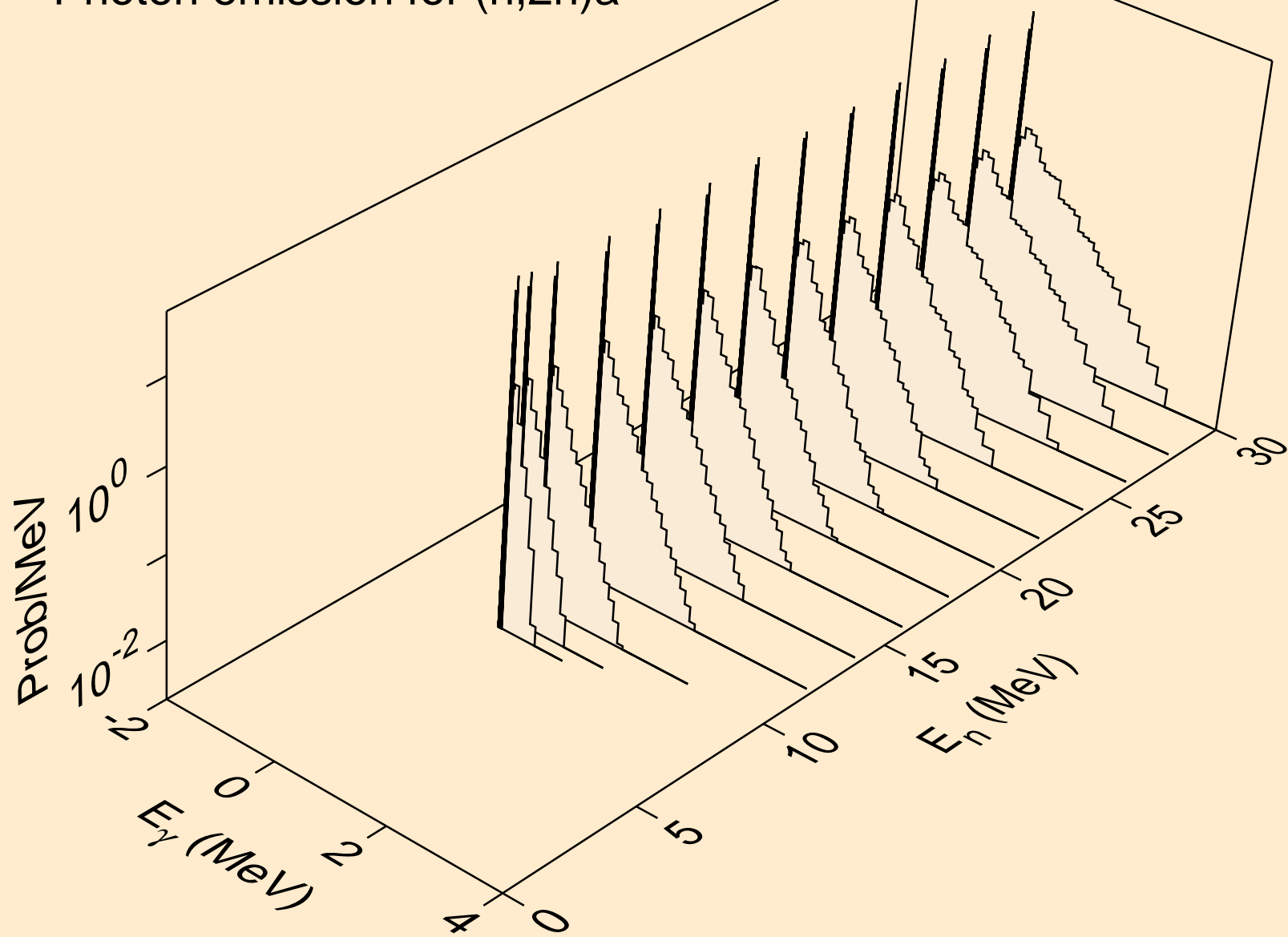
DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



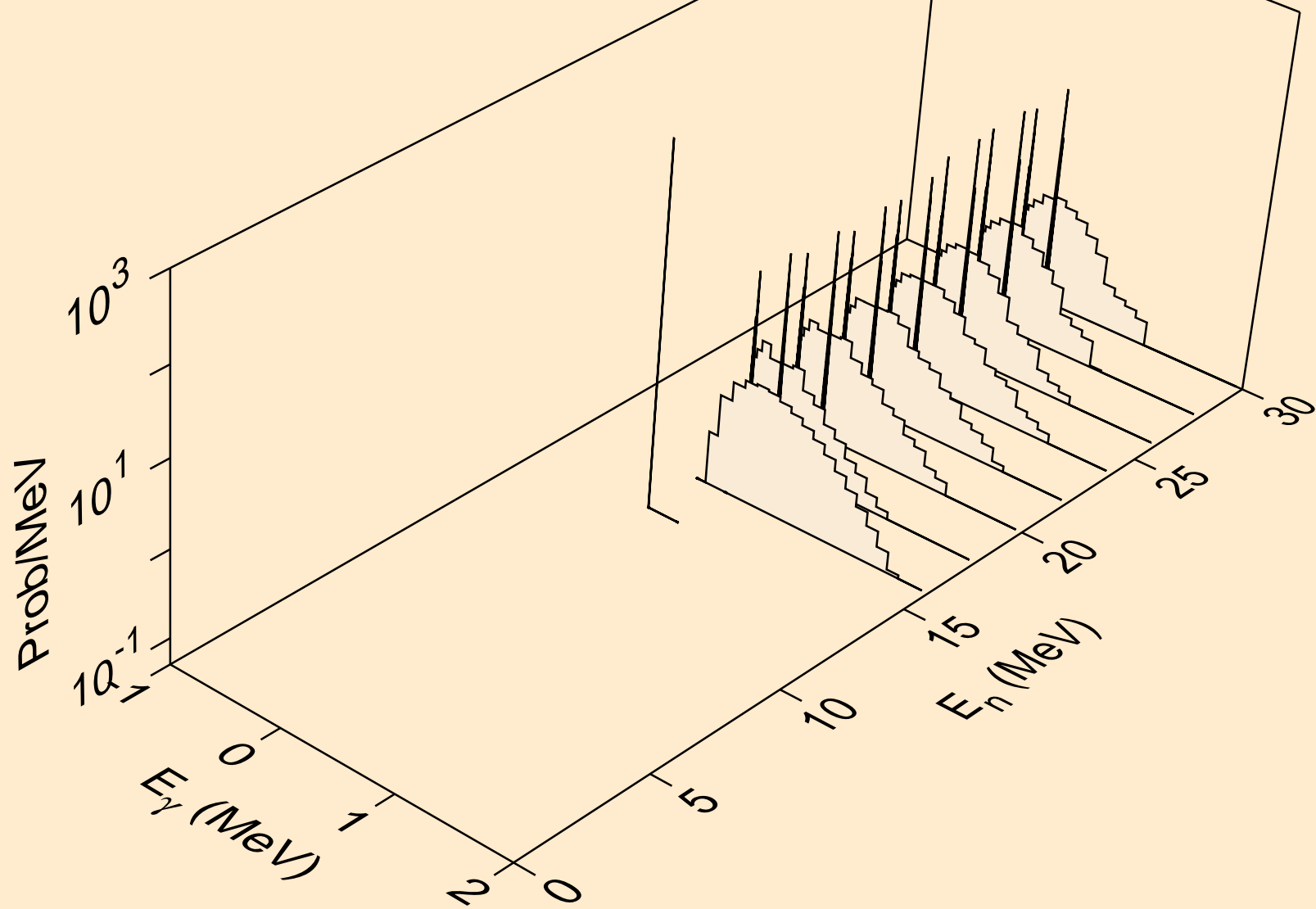
DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



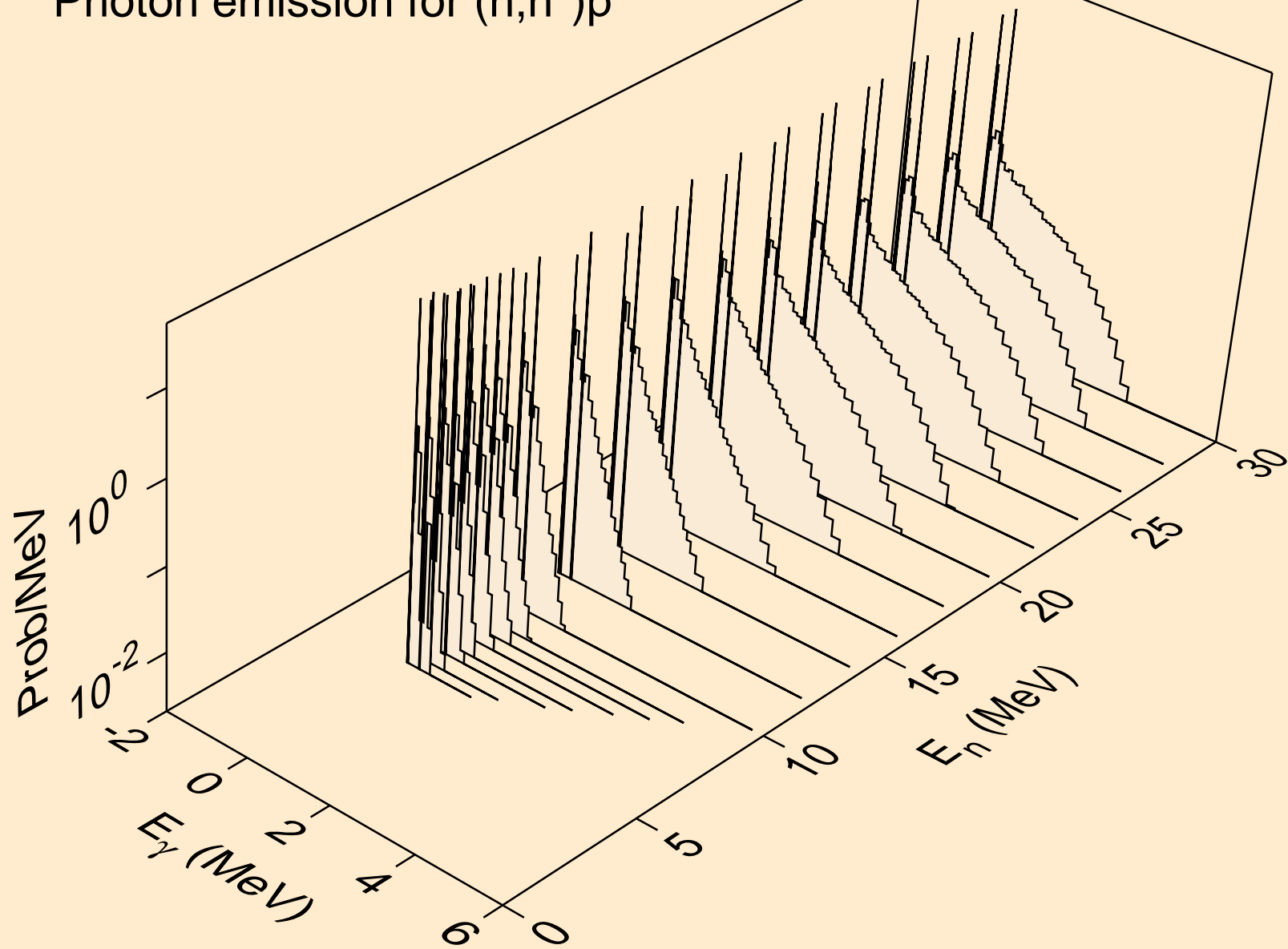
DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



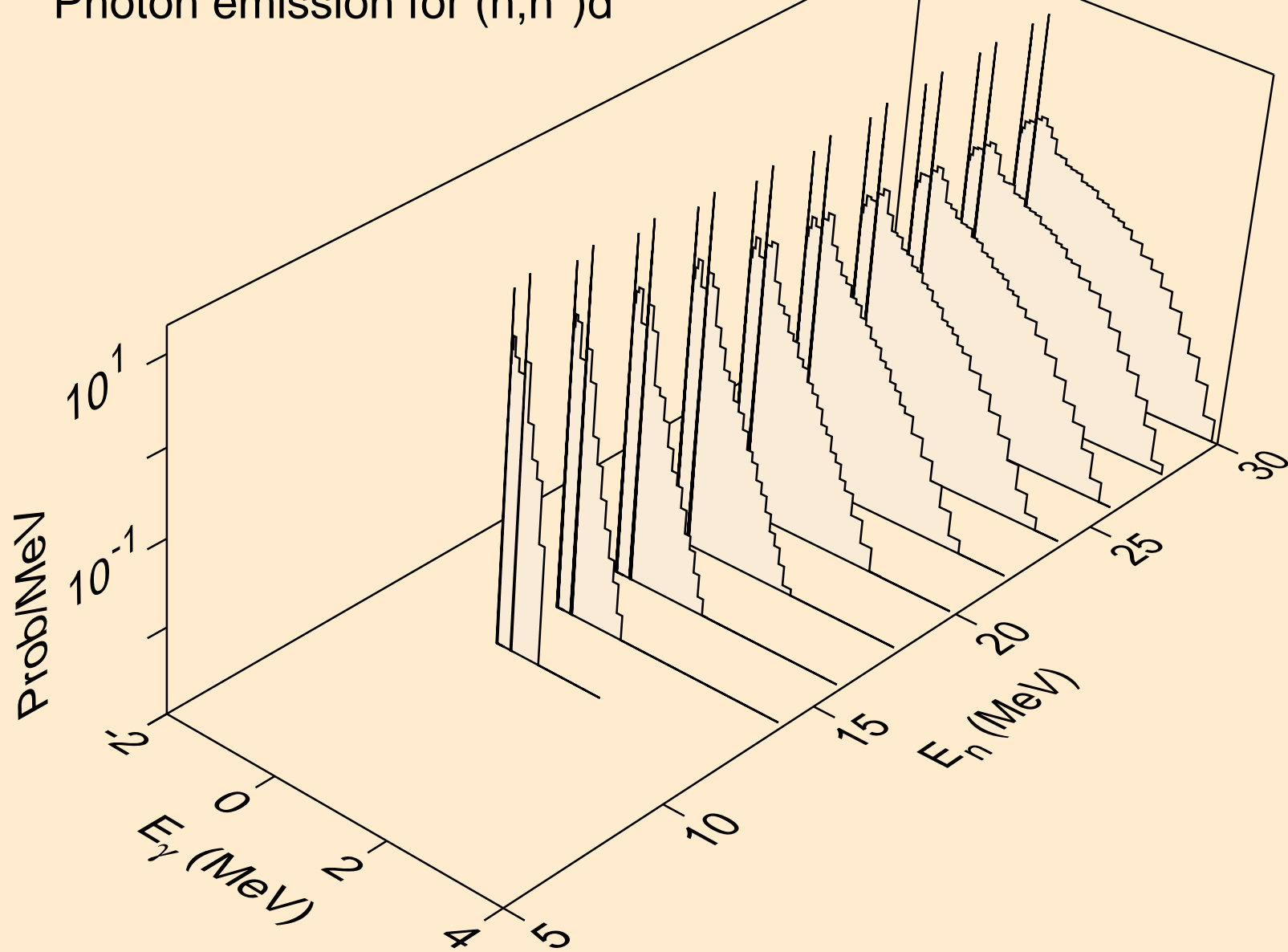
DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



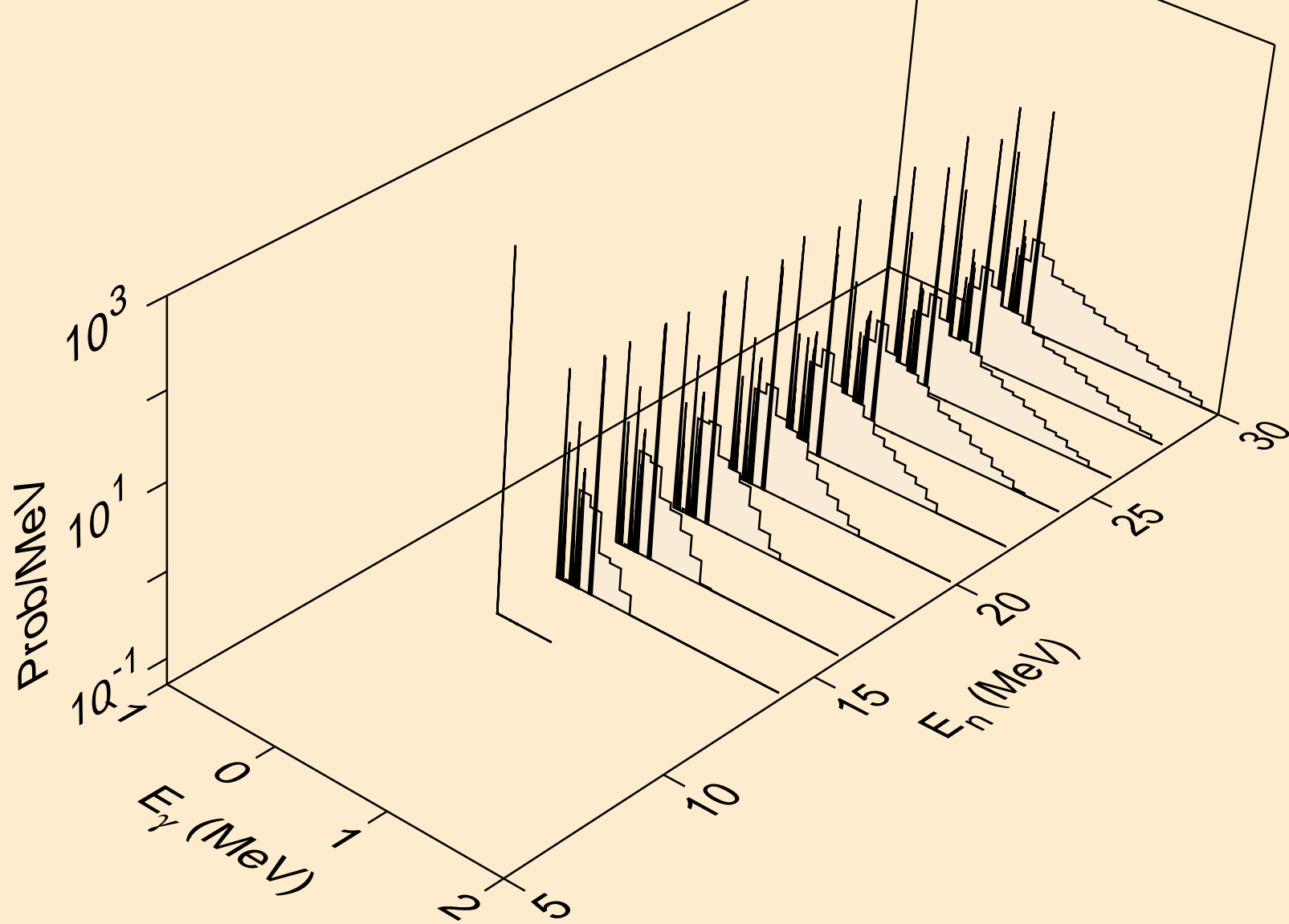
DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



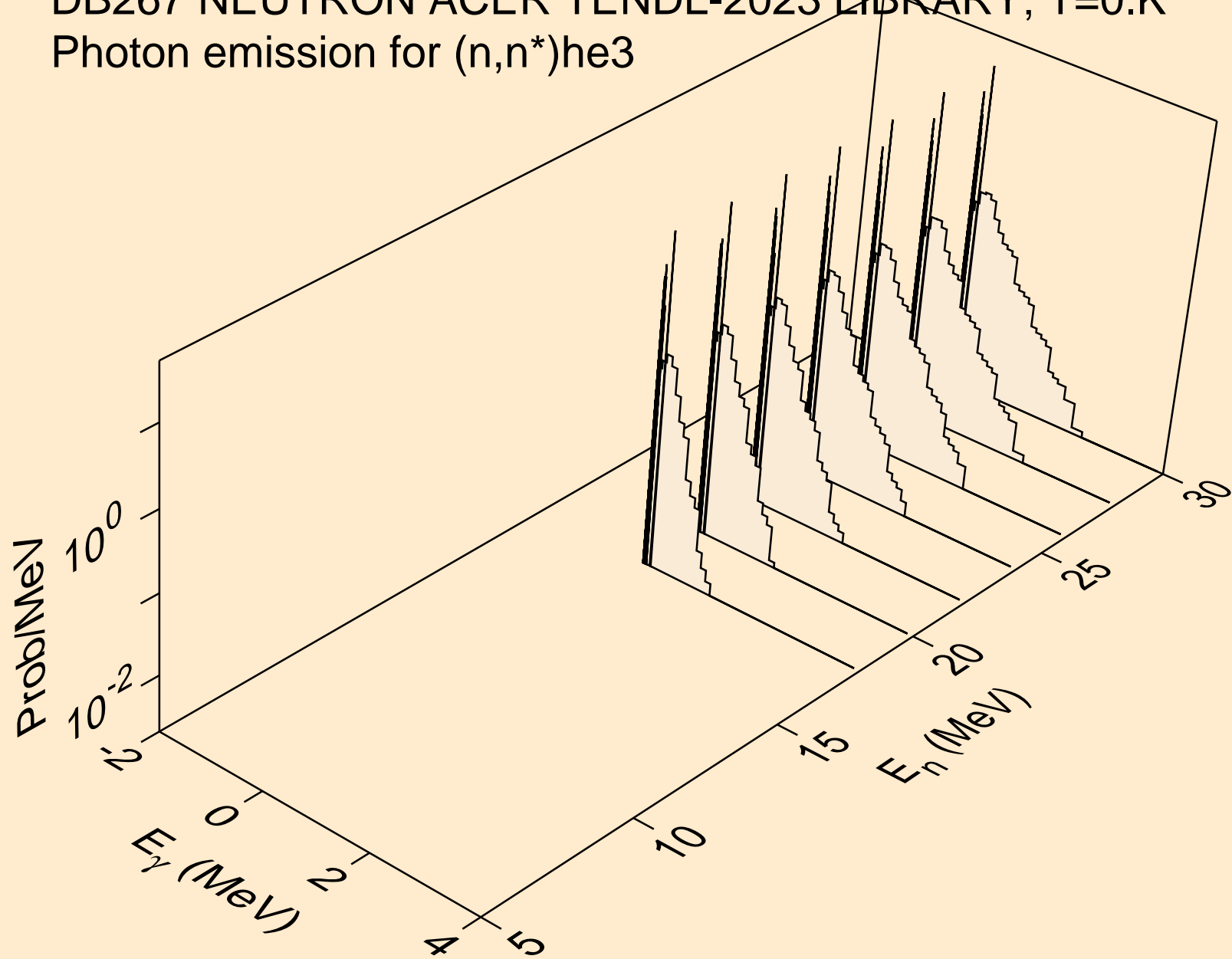
DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



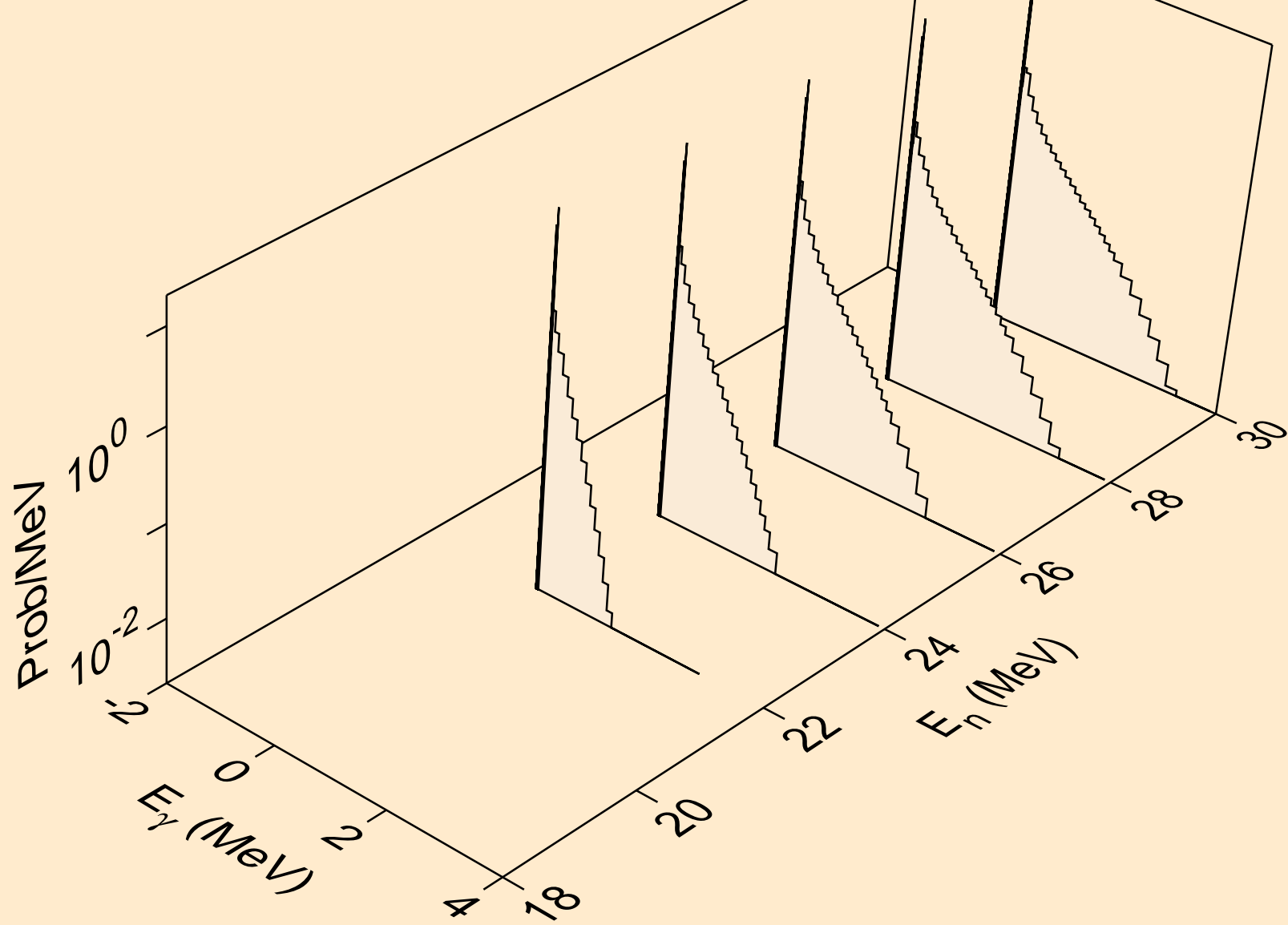
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Photon emission for (n,n\*)t



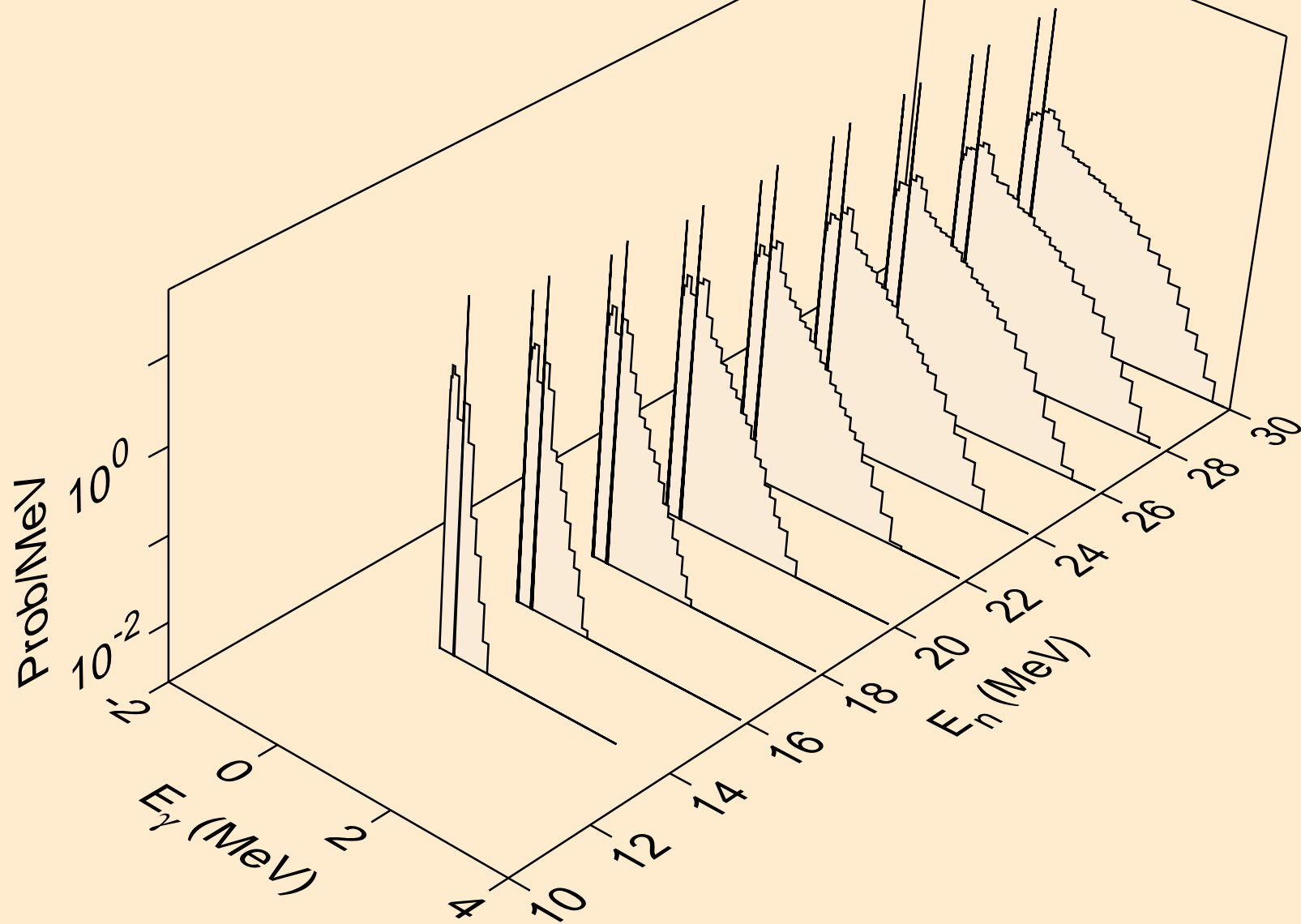
DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



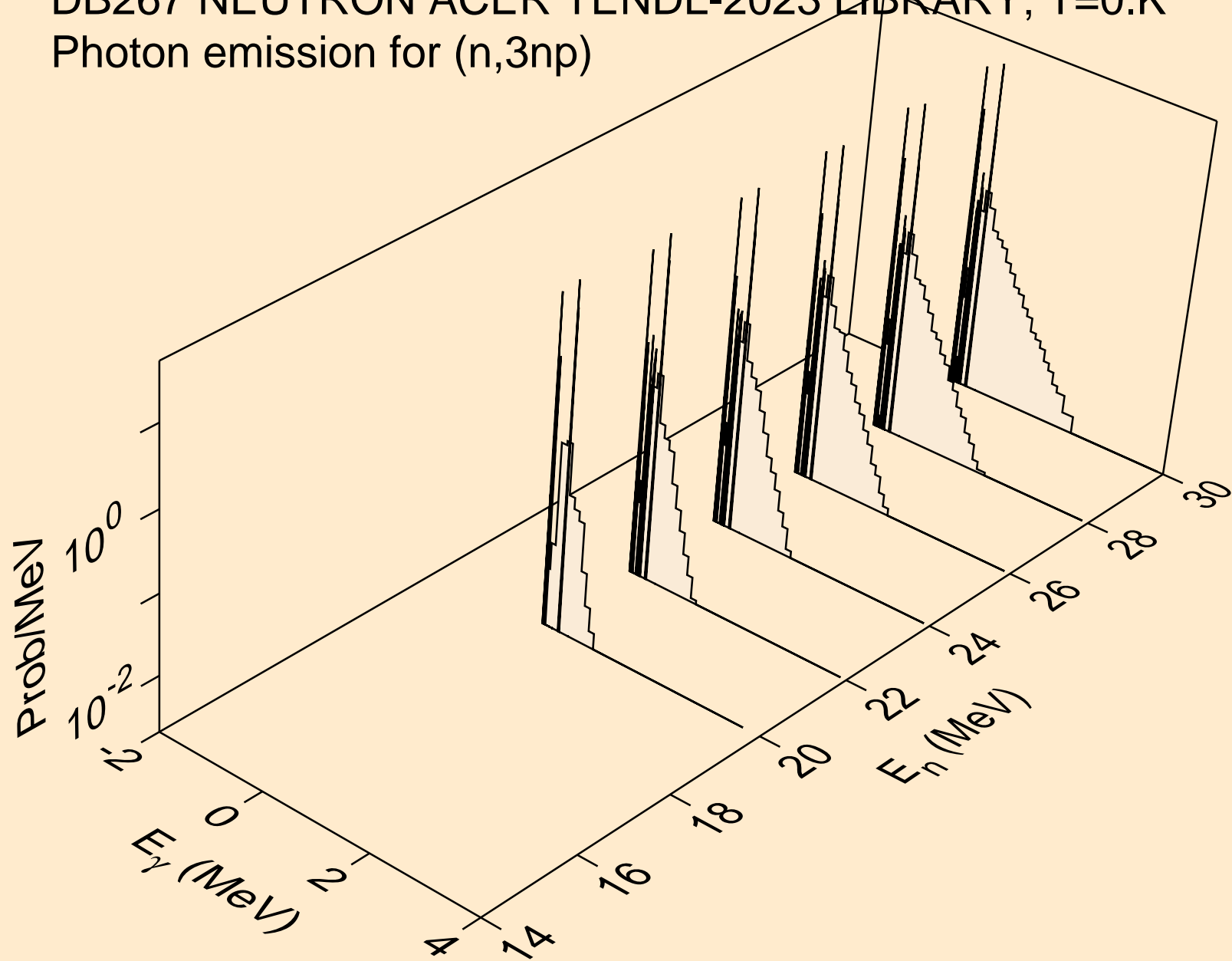
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Photon emission for (n,4n)



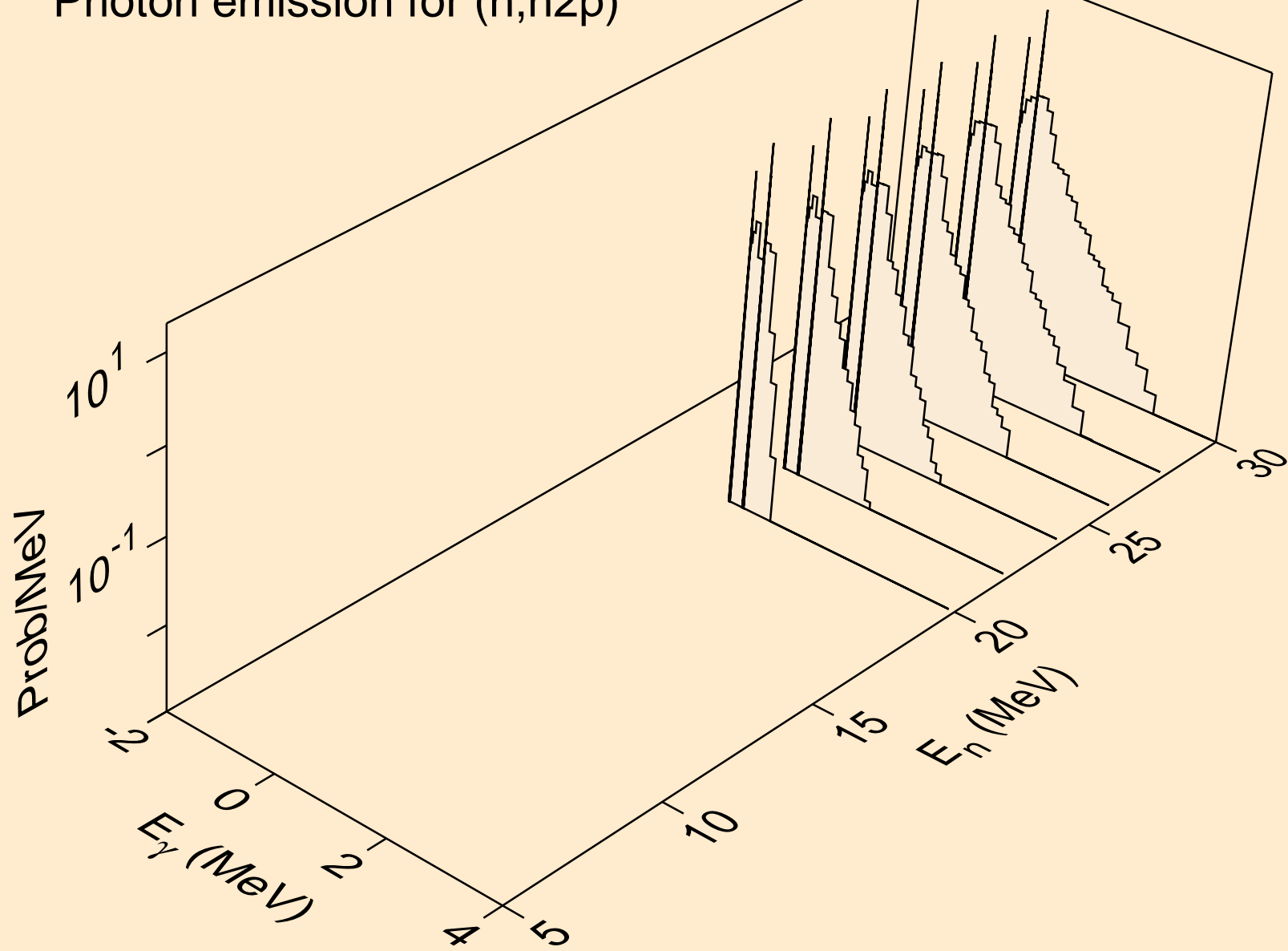
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Photon emission for (n,2np)



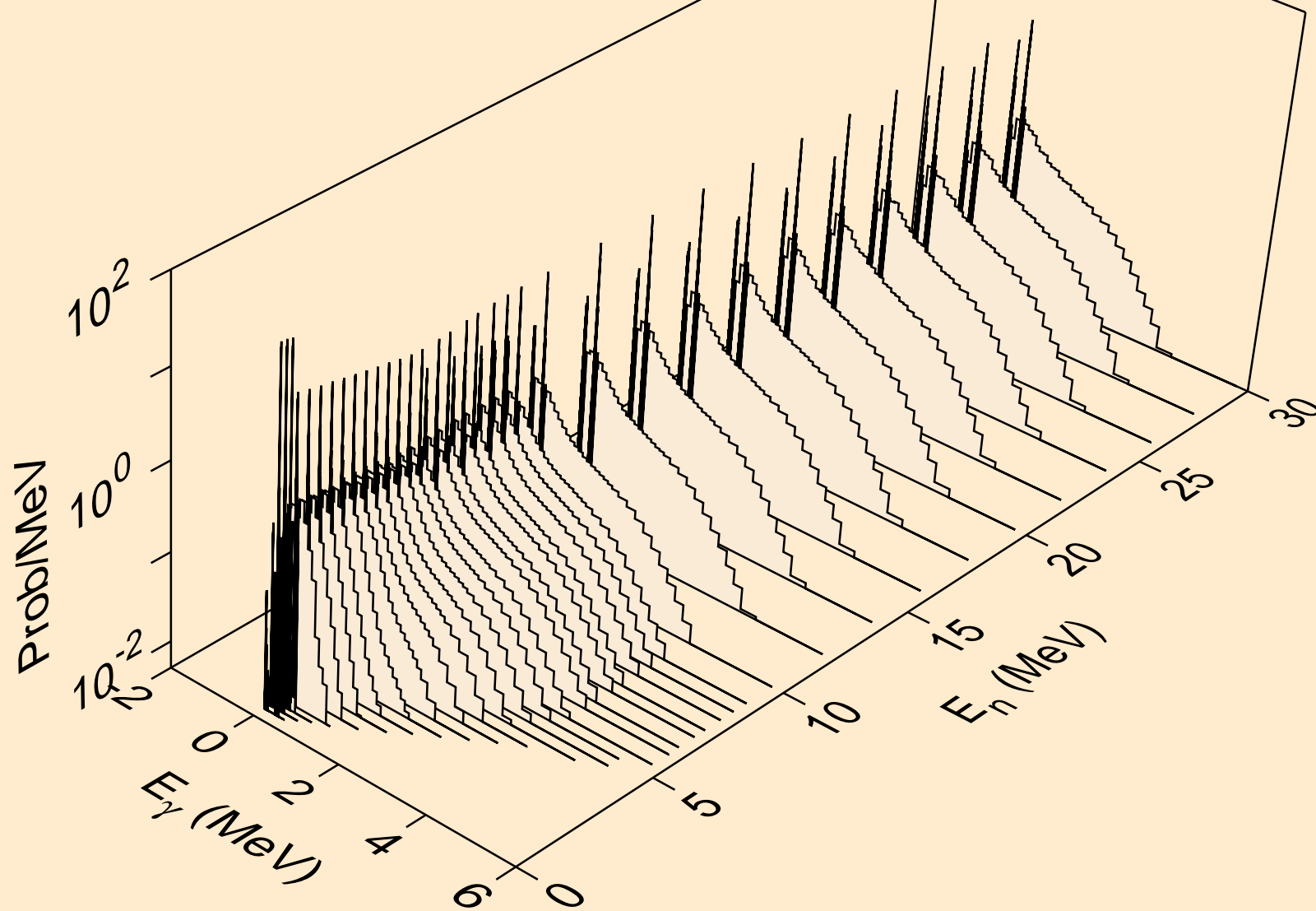
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Photon emission for (n,3np)



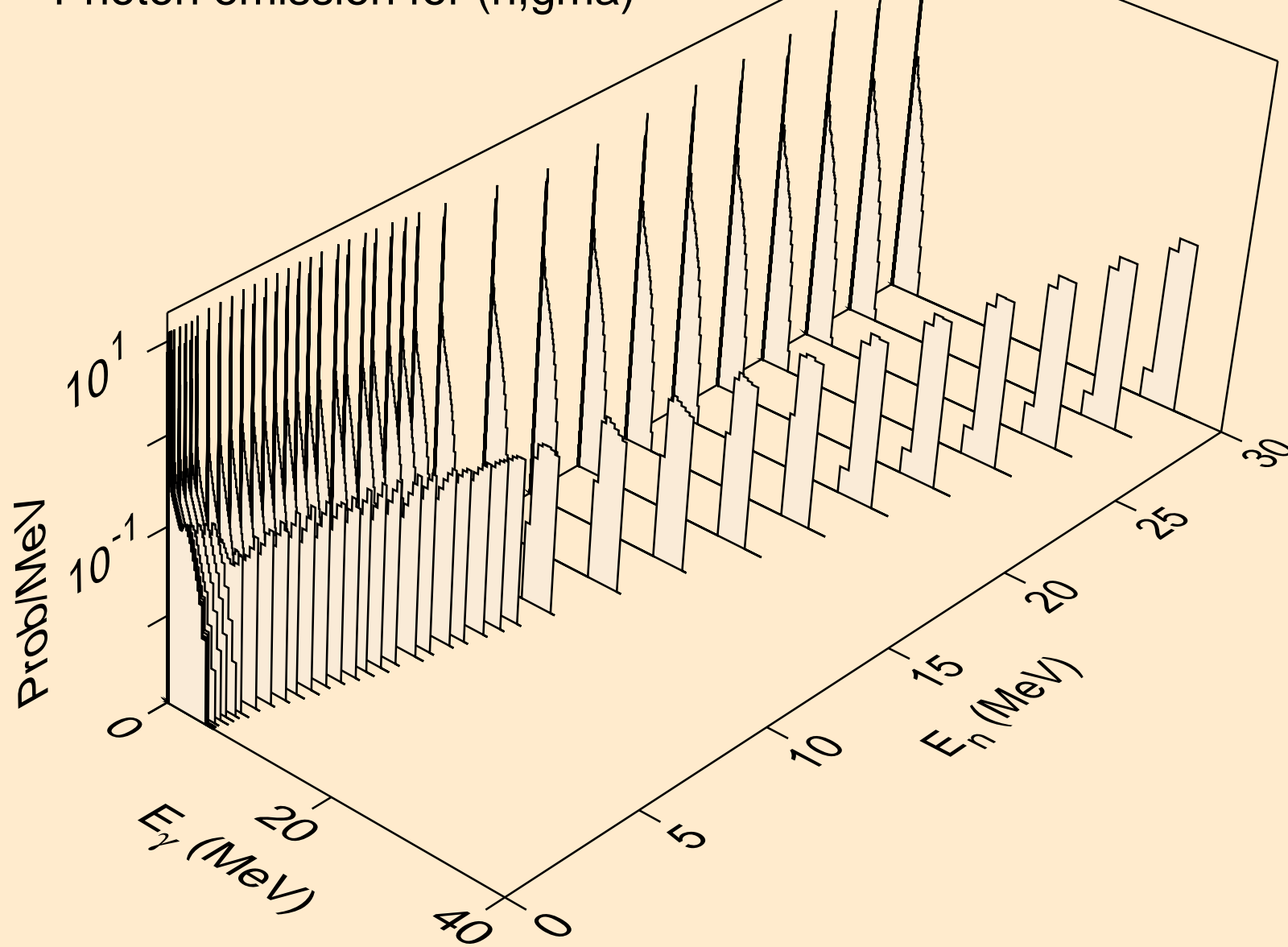
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Photon emission for (n,n2p)



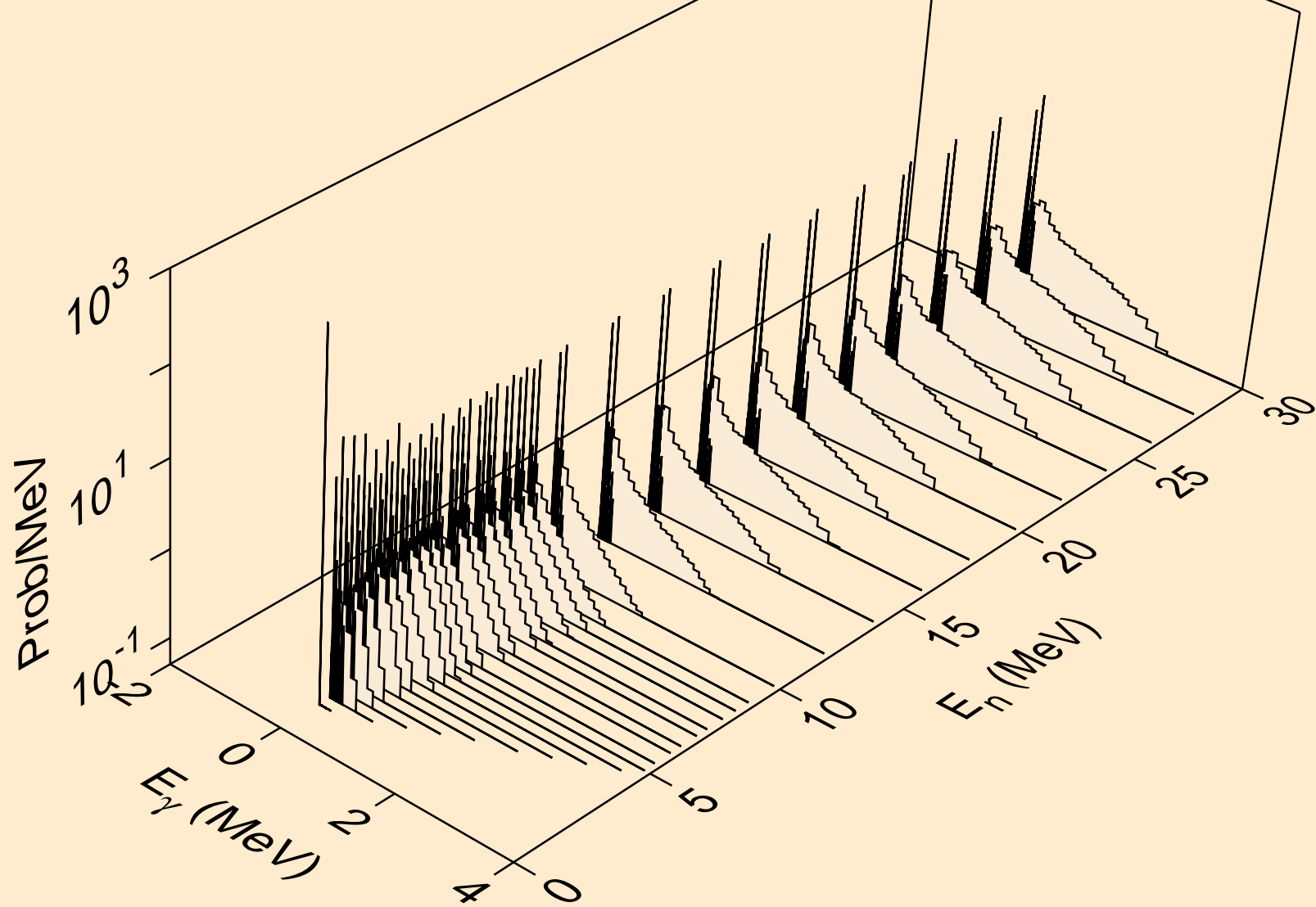
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Photon emission for (n,n\*c)



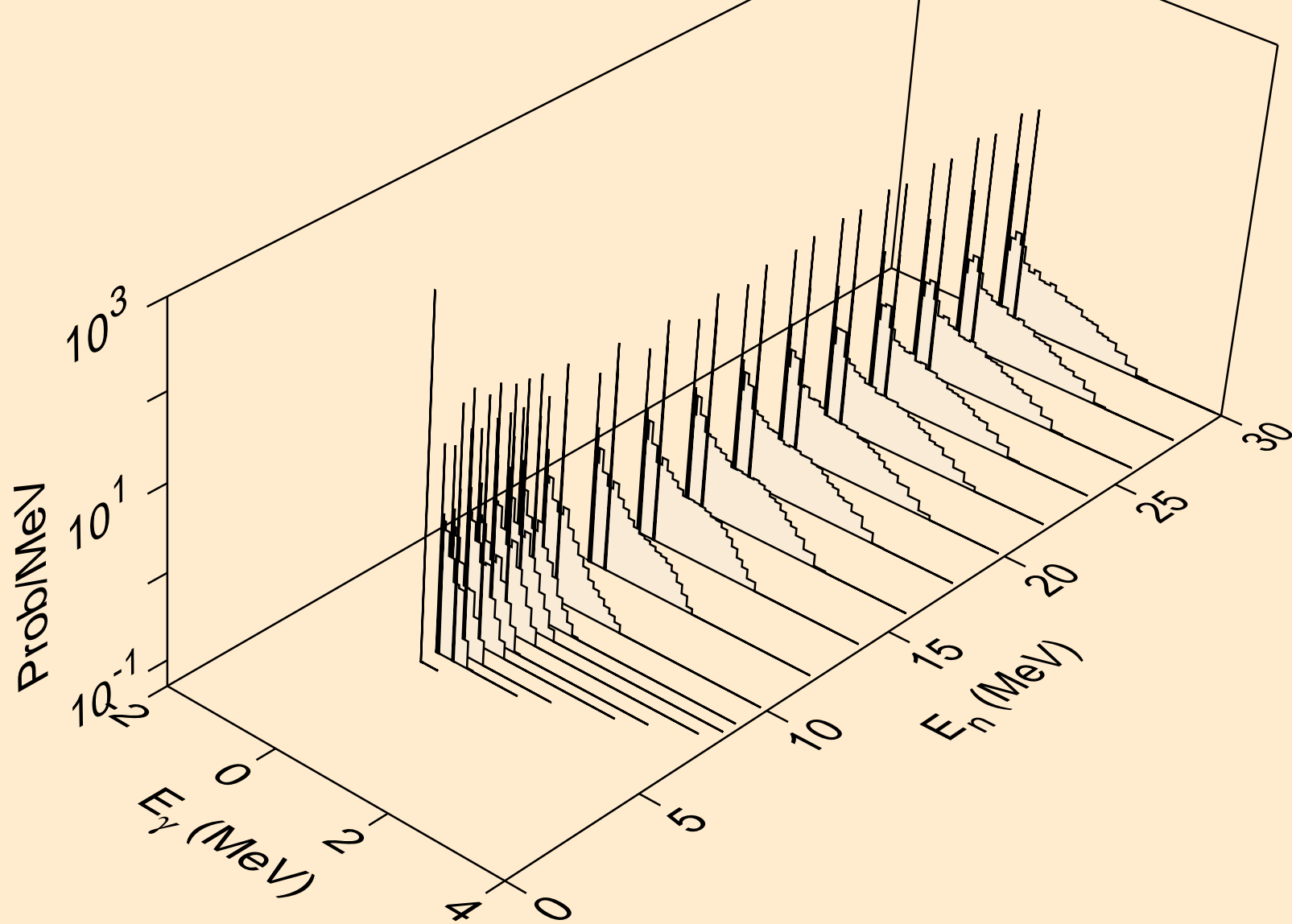
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Photon emission for (n,gma)



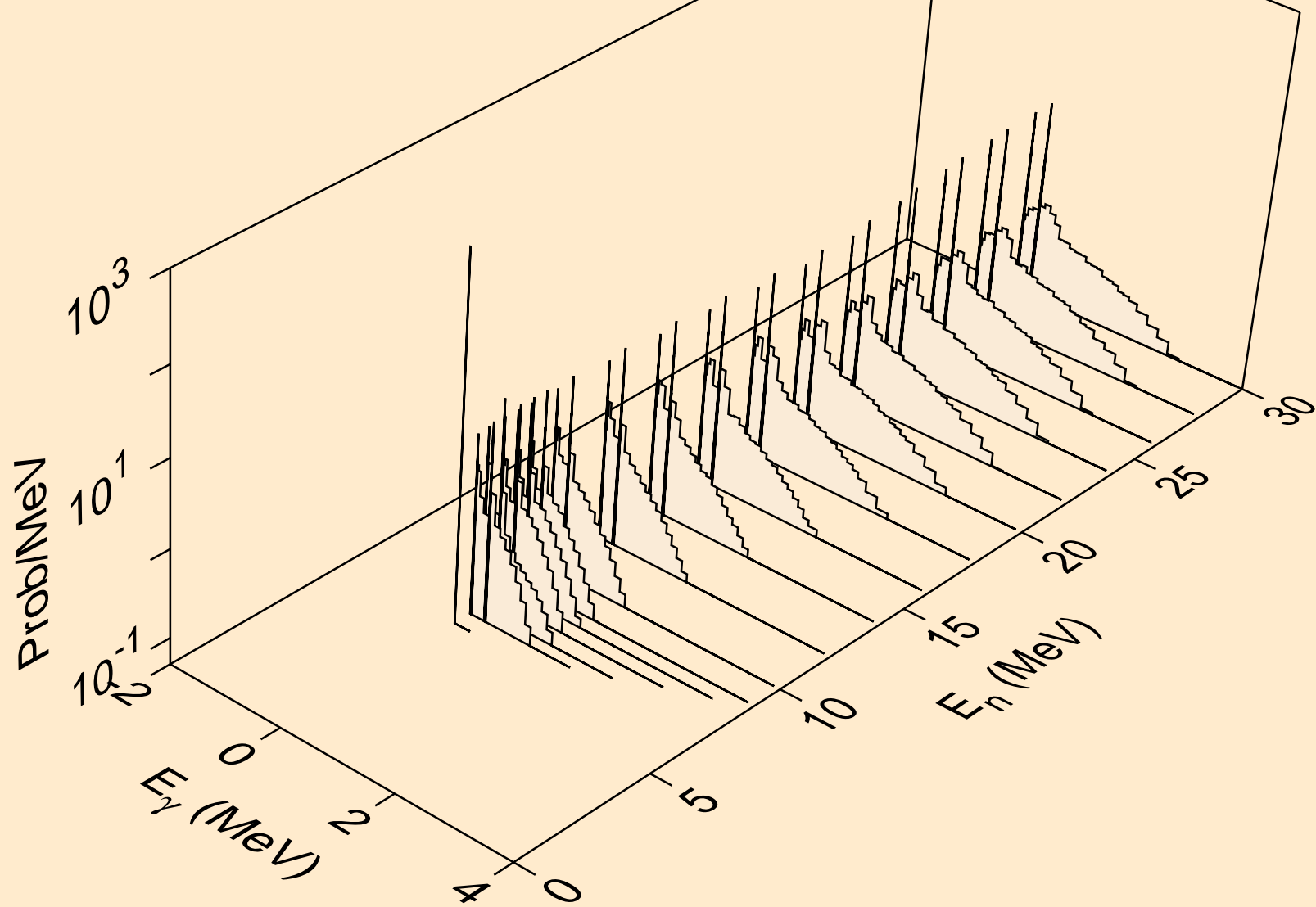
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Photon emission for (n,p)



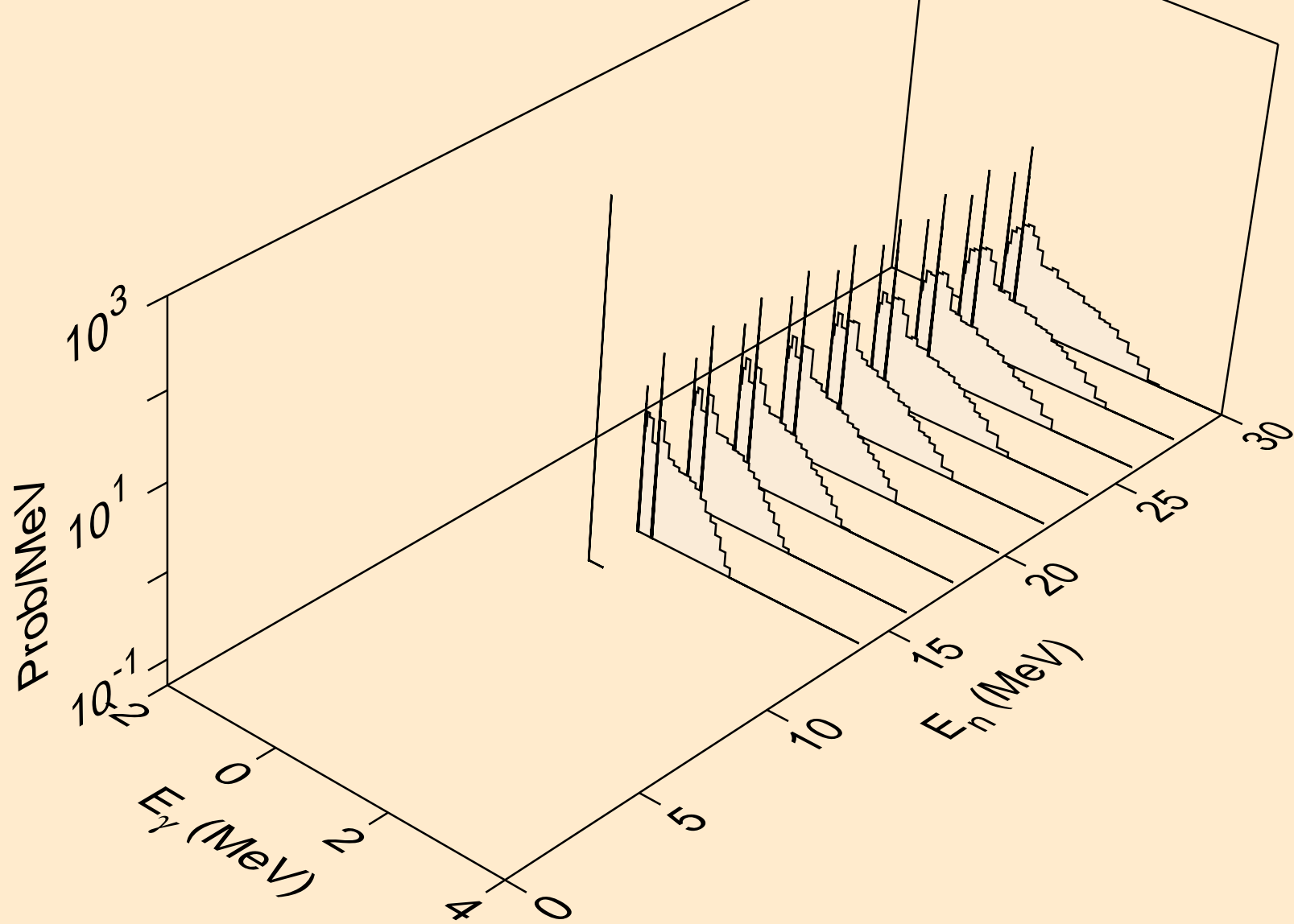
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Photon emission for (n,d)



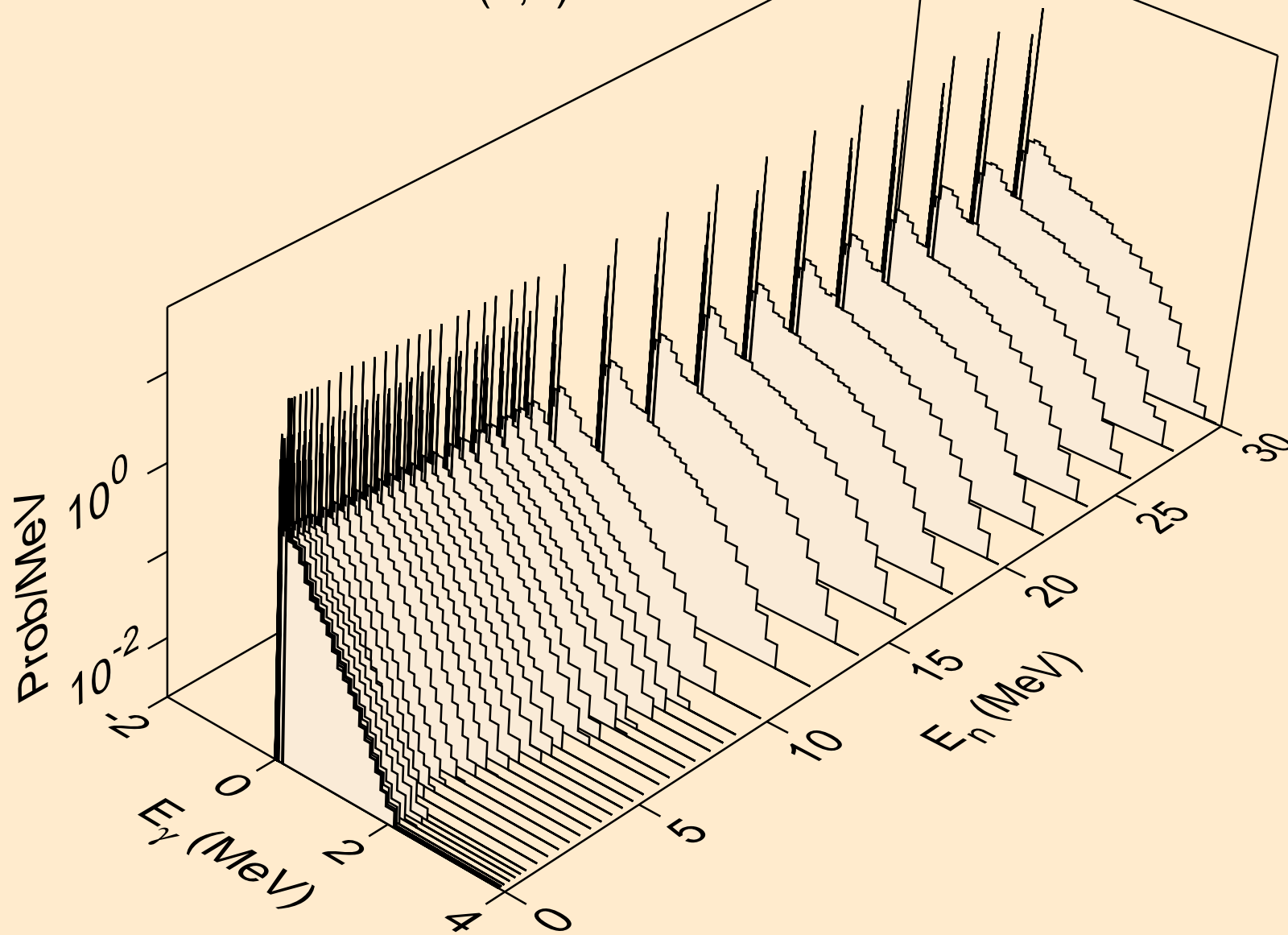
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Photon emission for (n,t)



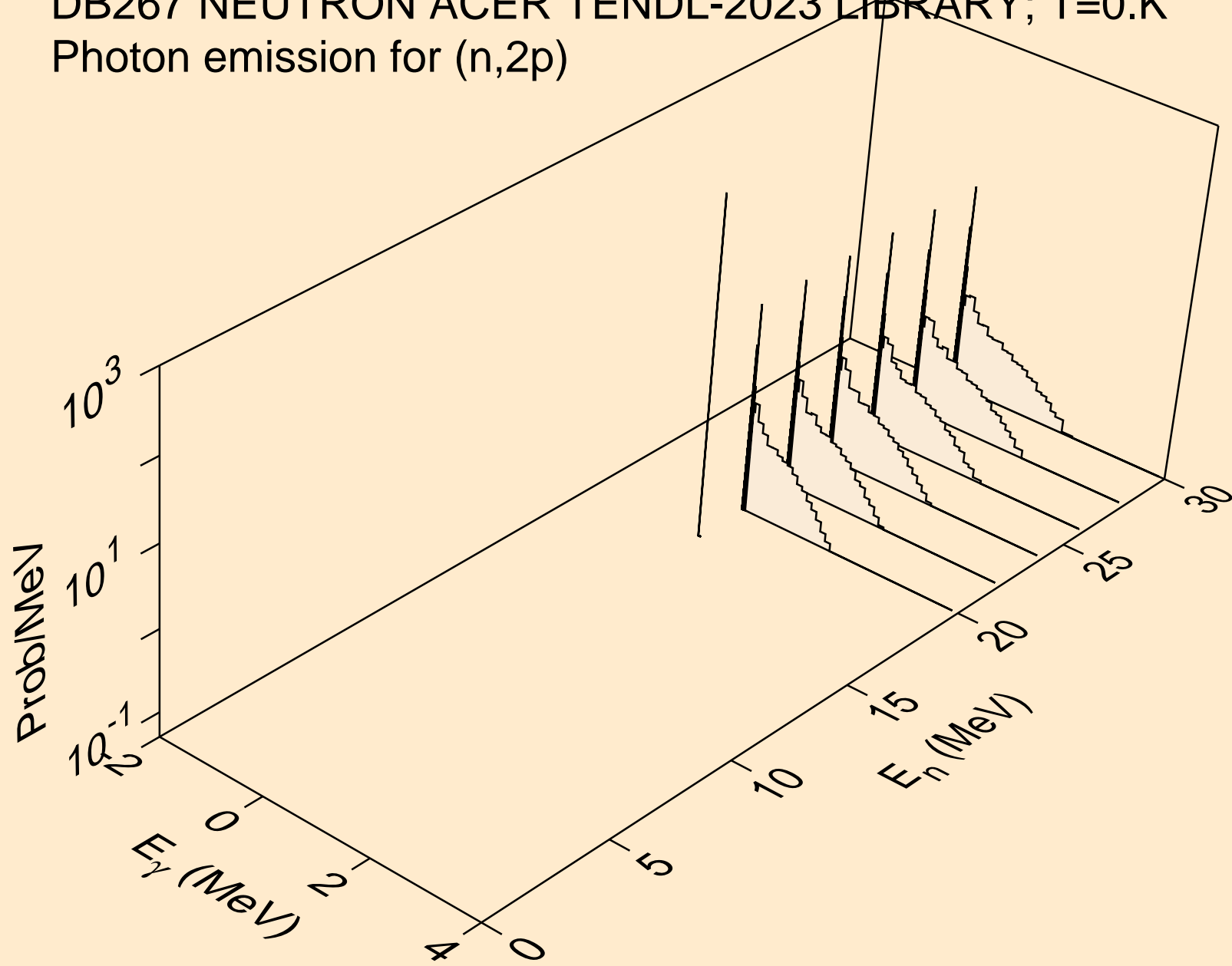
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Photon emission for (n,he3)



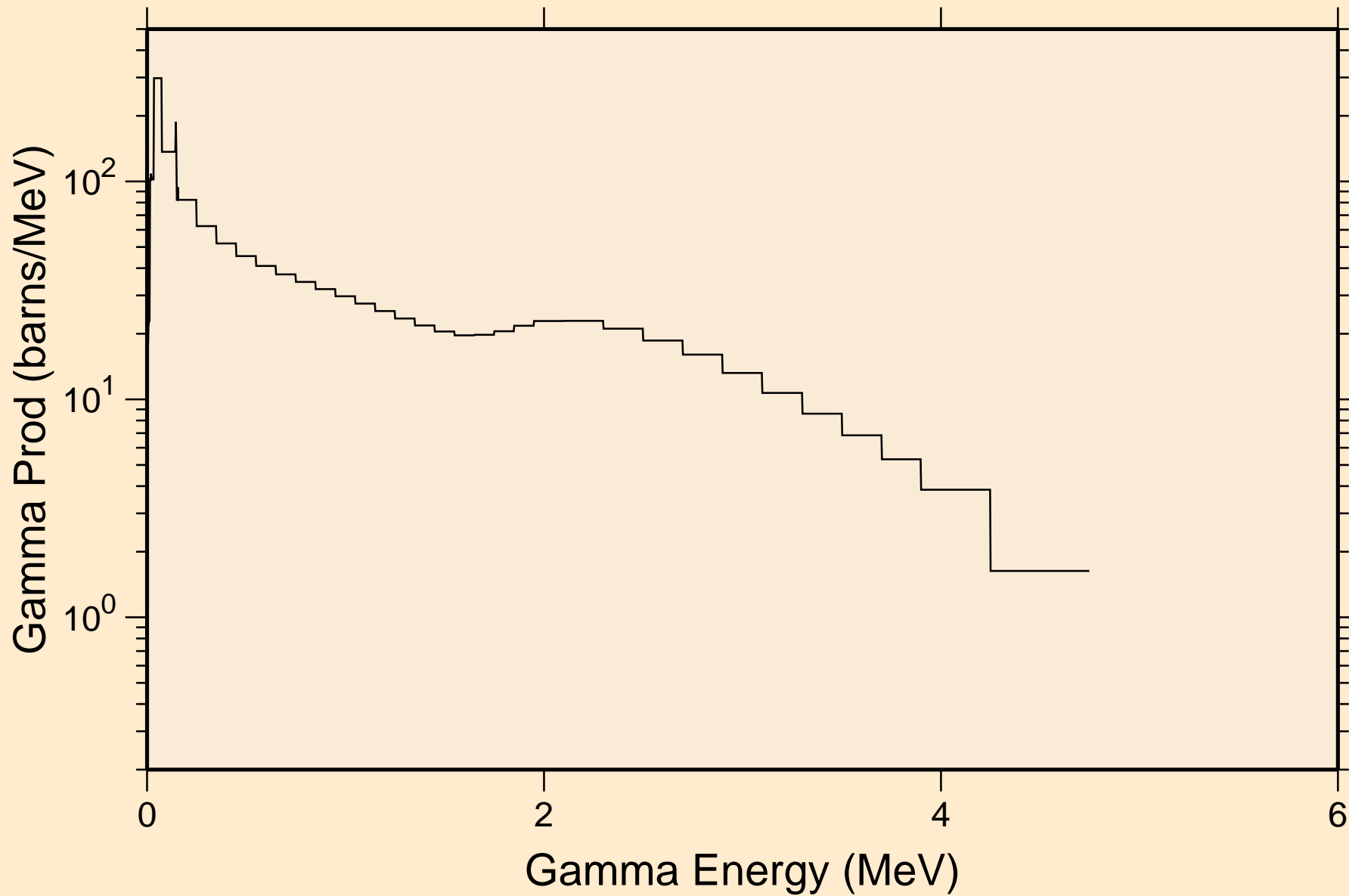
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Photon emission for (n,a)



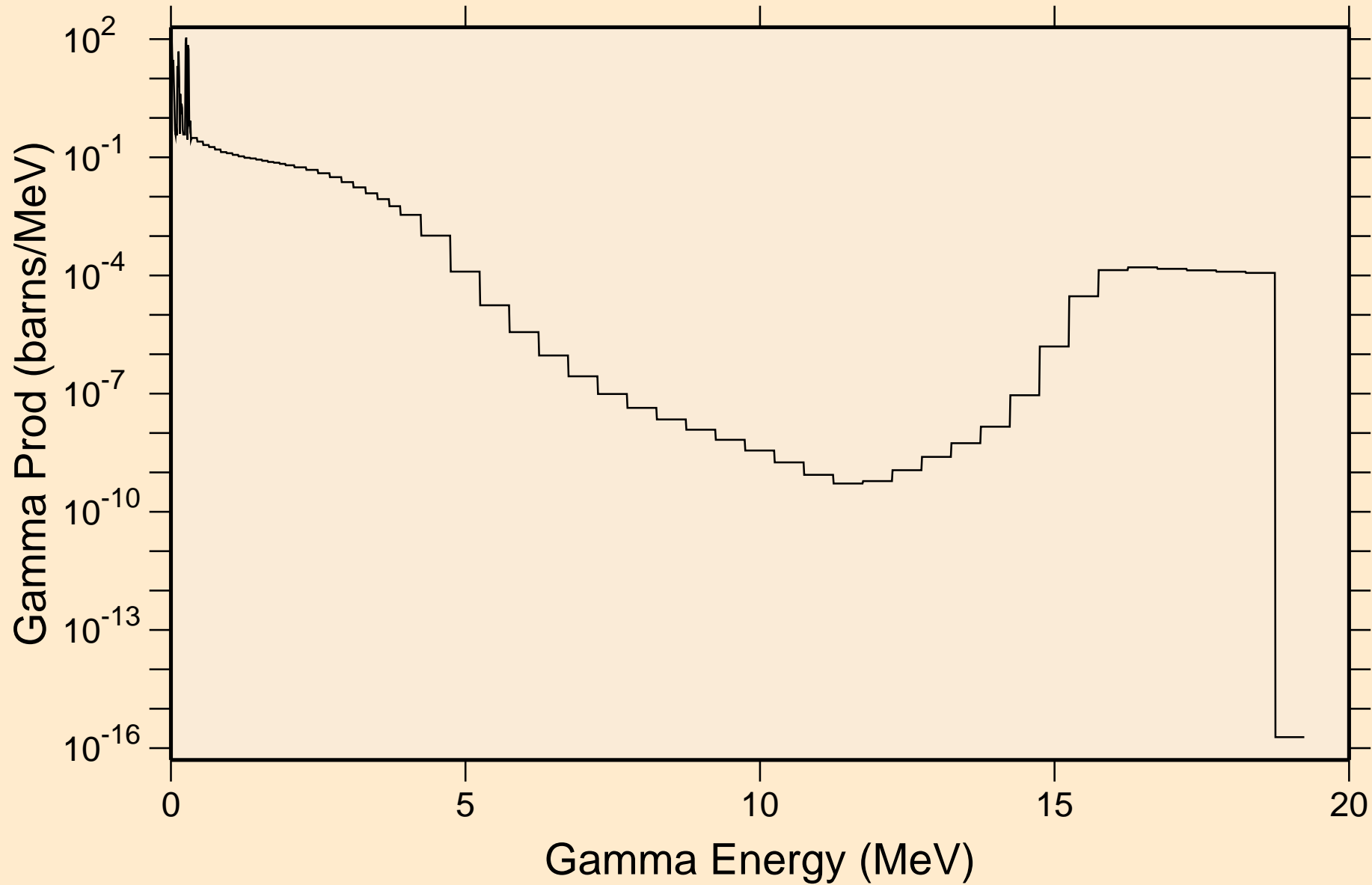
DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

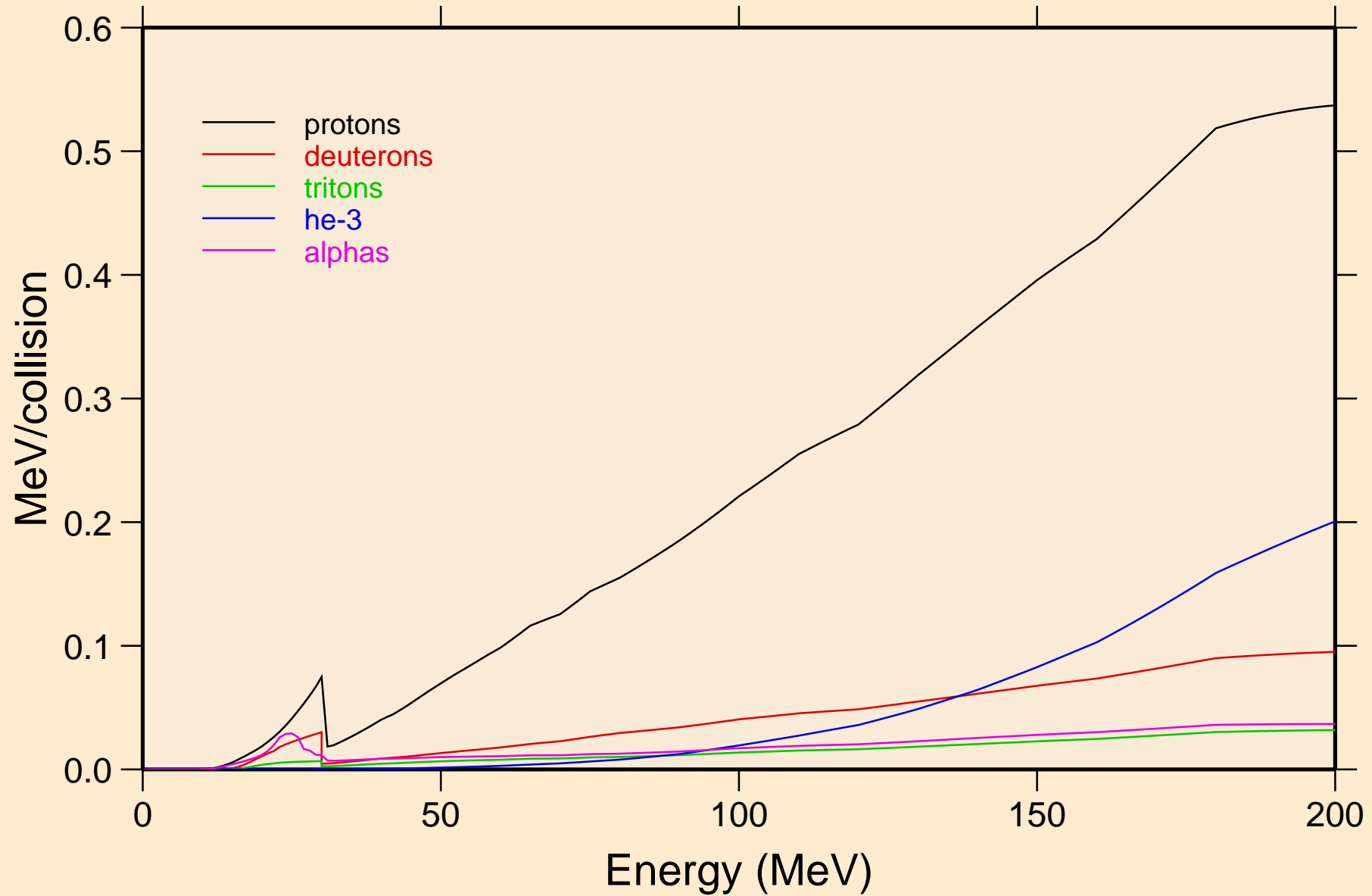


DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

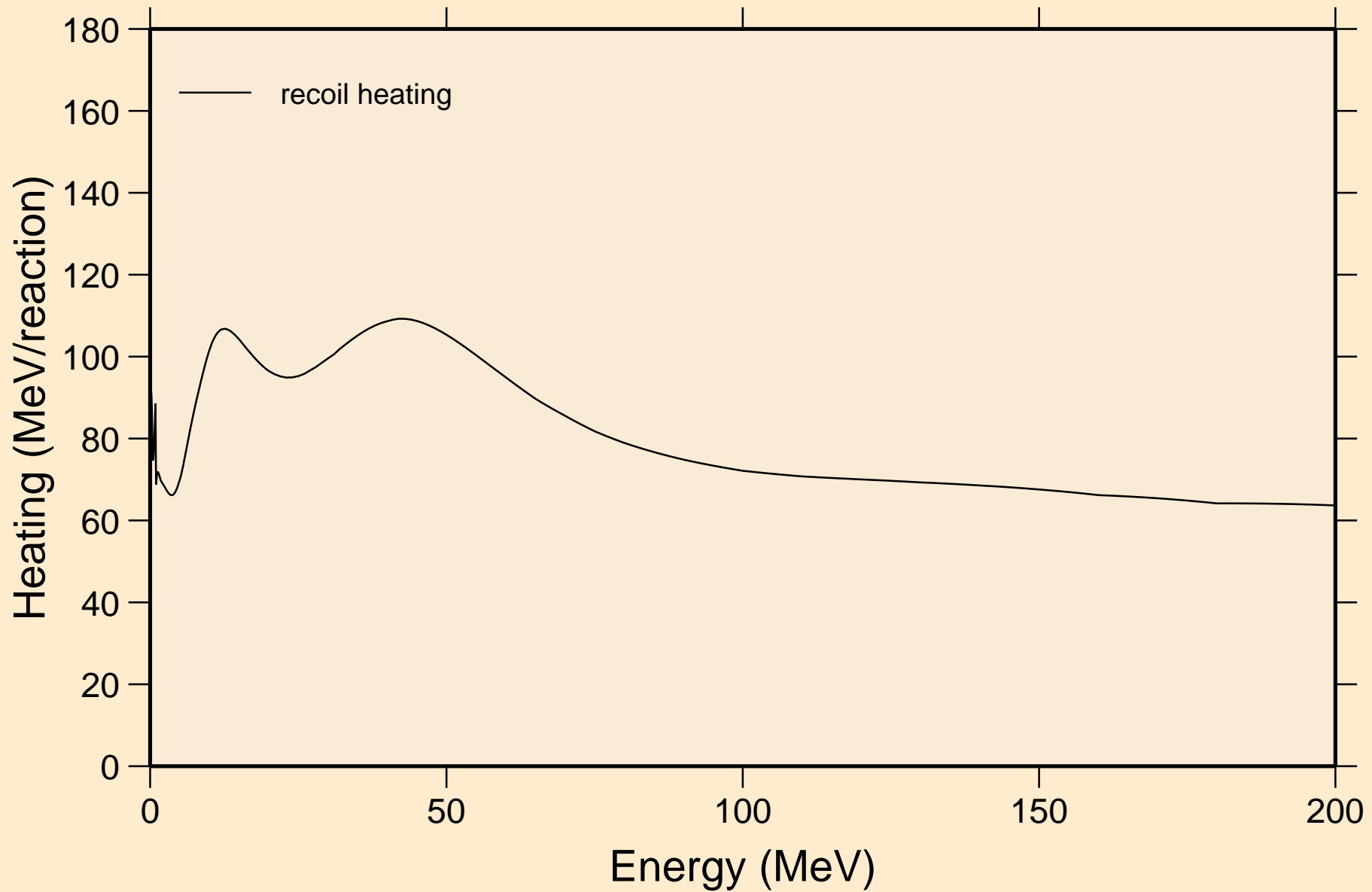


# DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

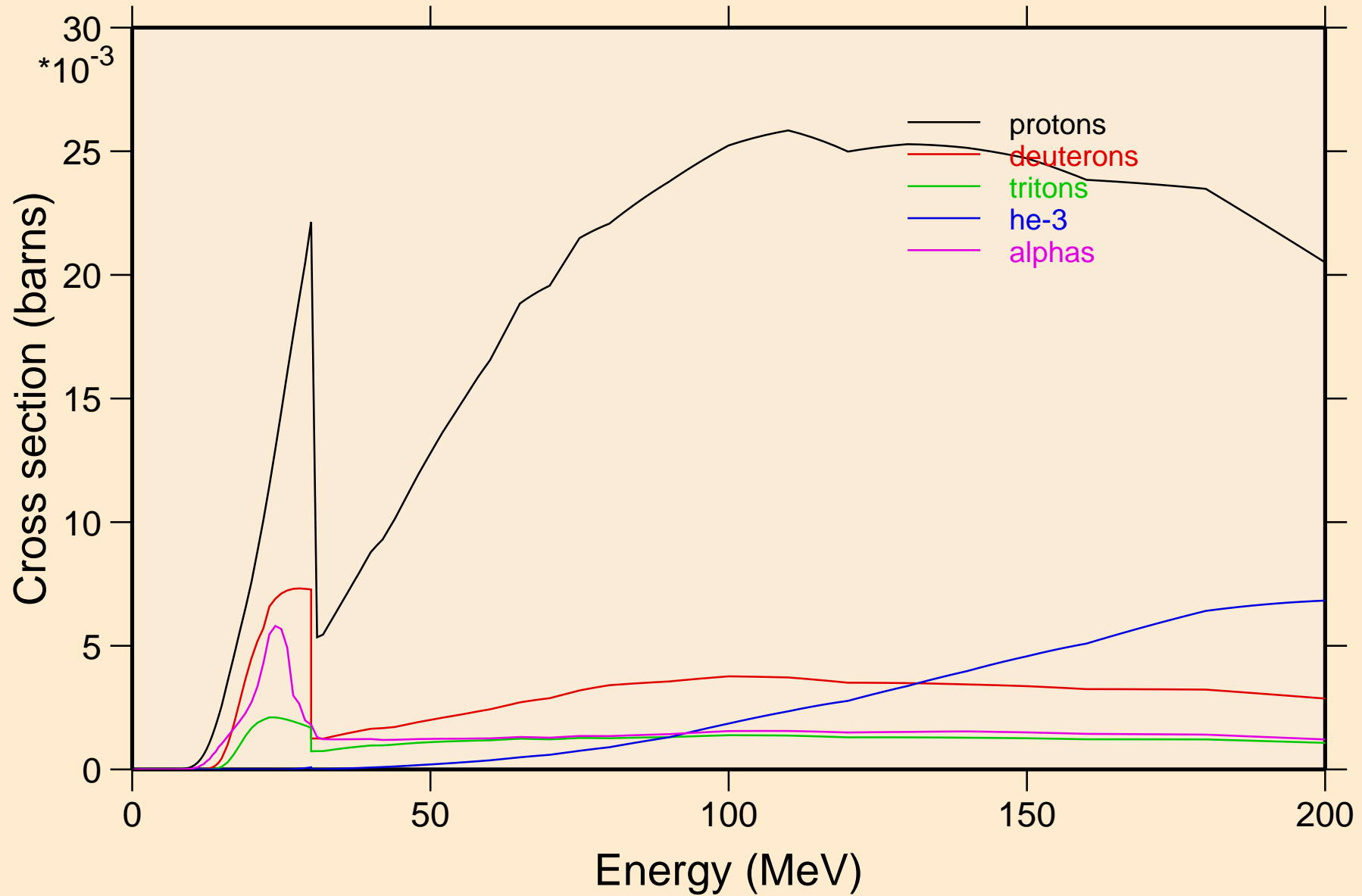
## Particle heating contributions



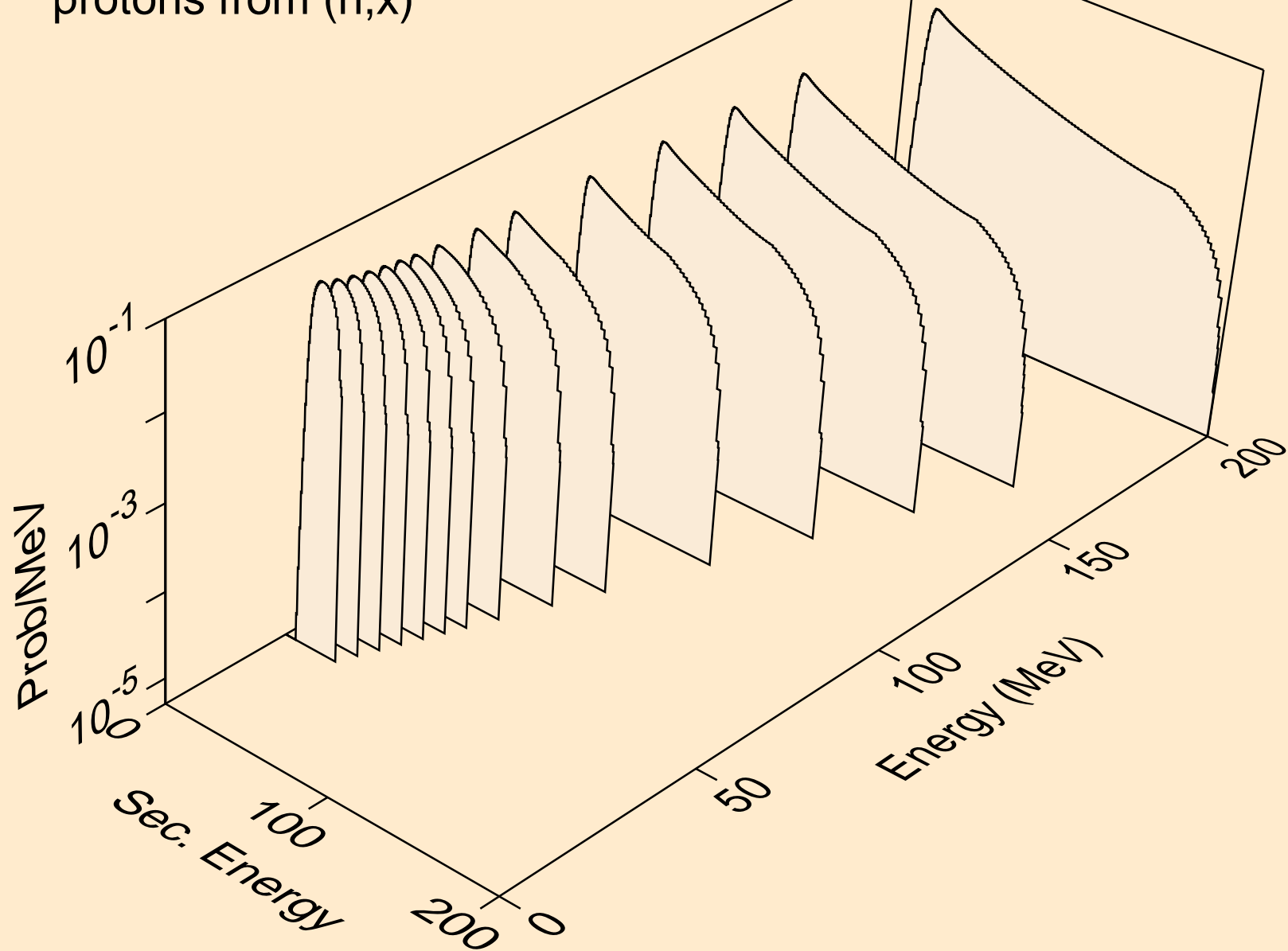
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Recoil Heating



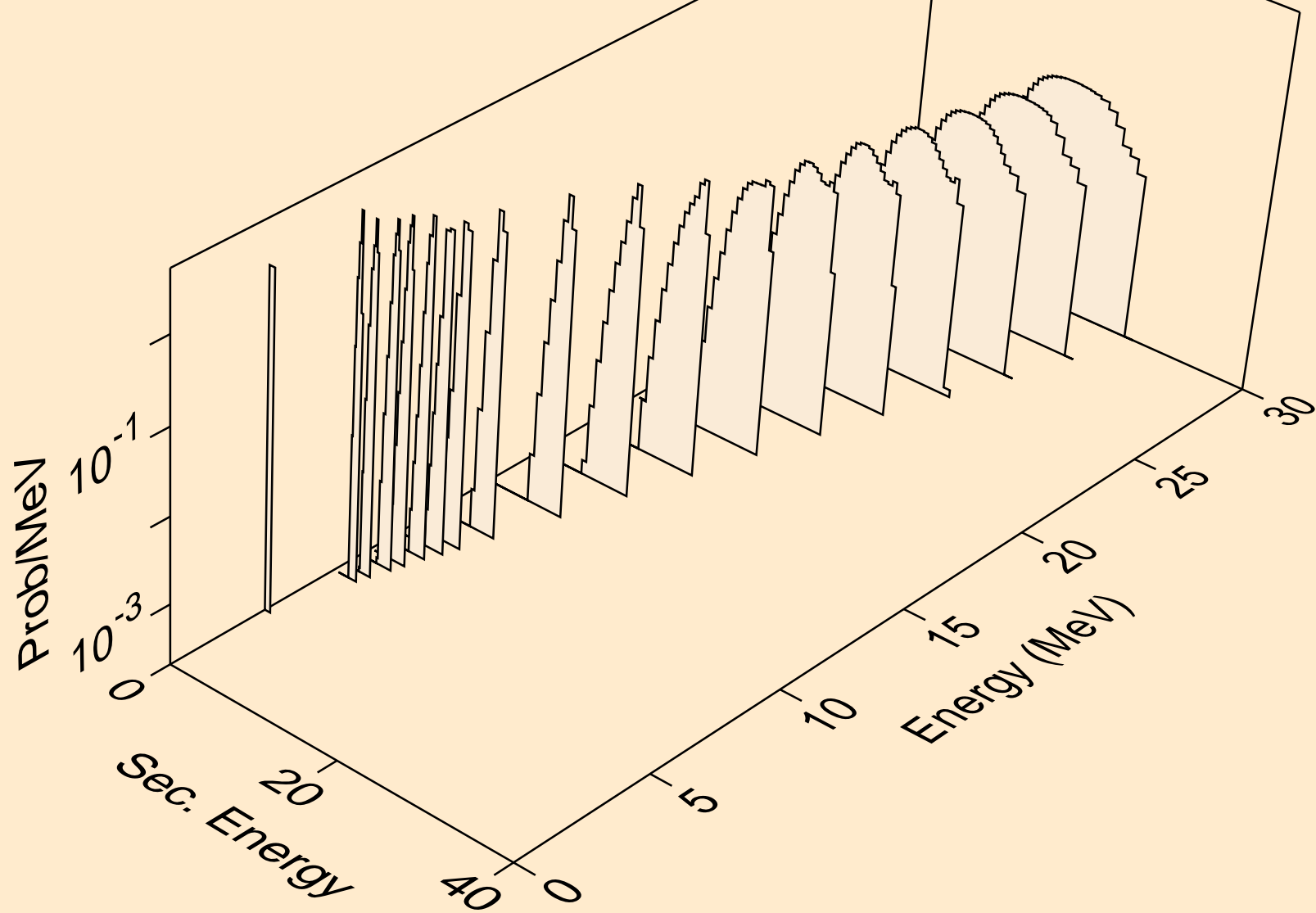
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Particle production cross sections



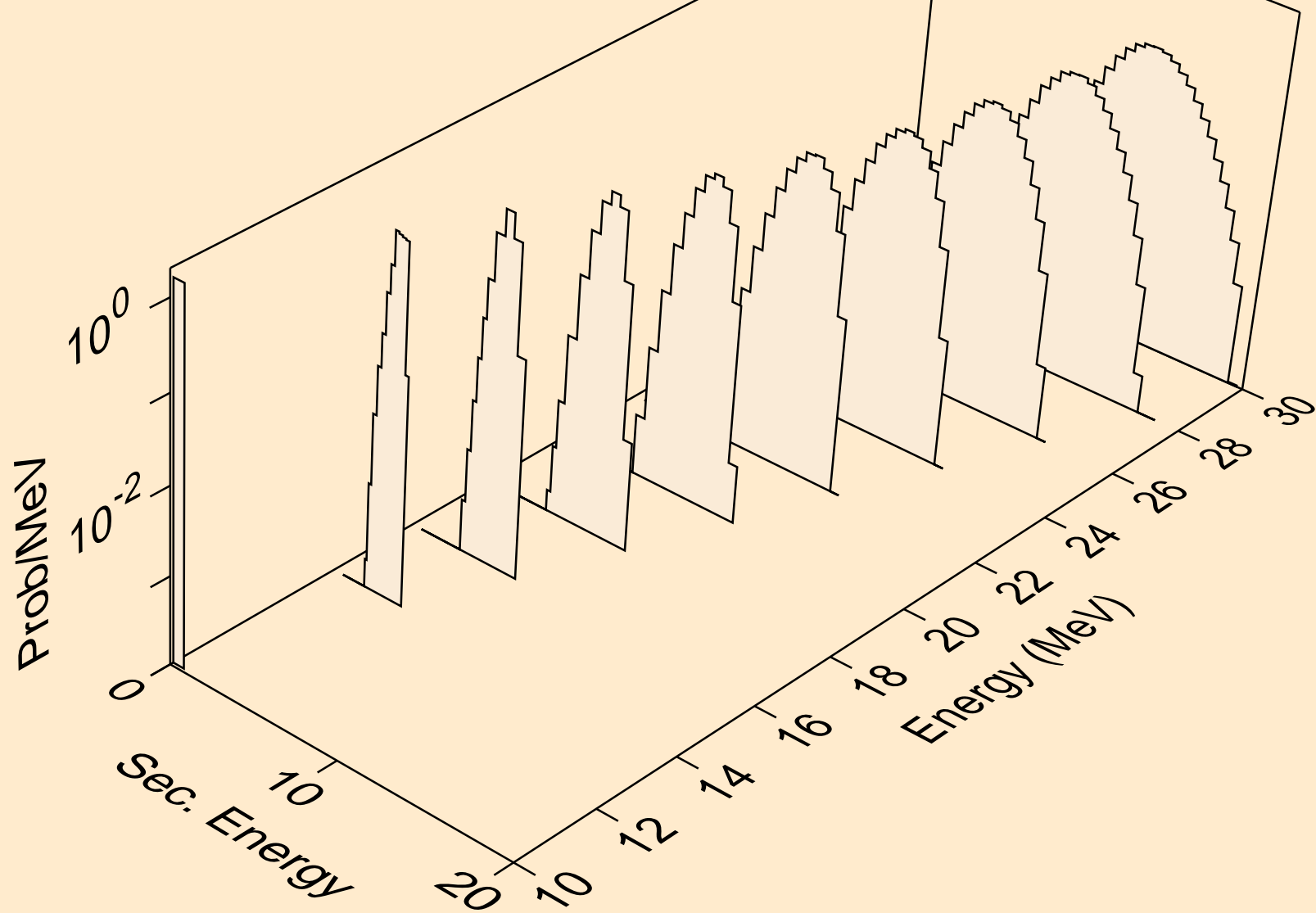
DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



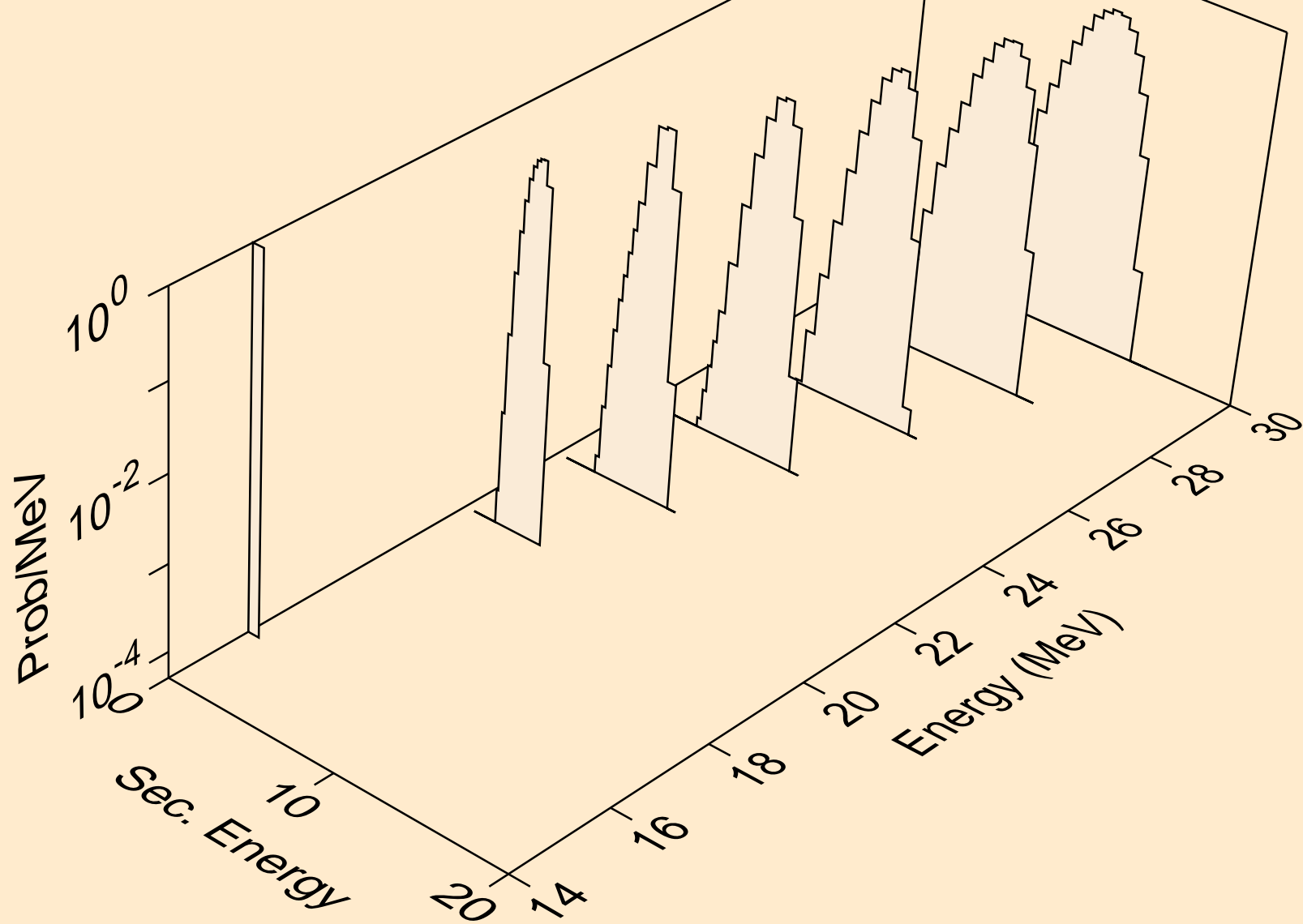
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protons from (n,n\*)p



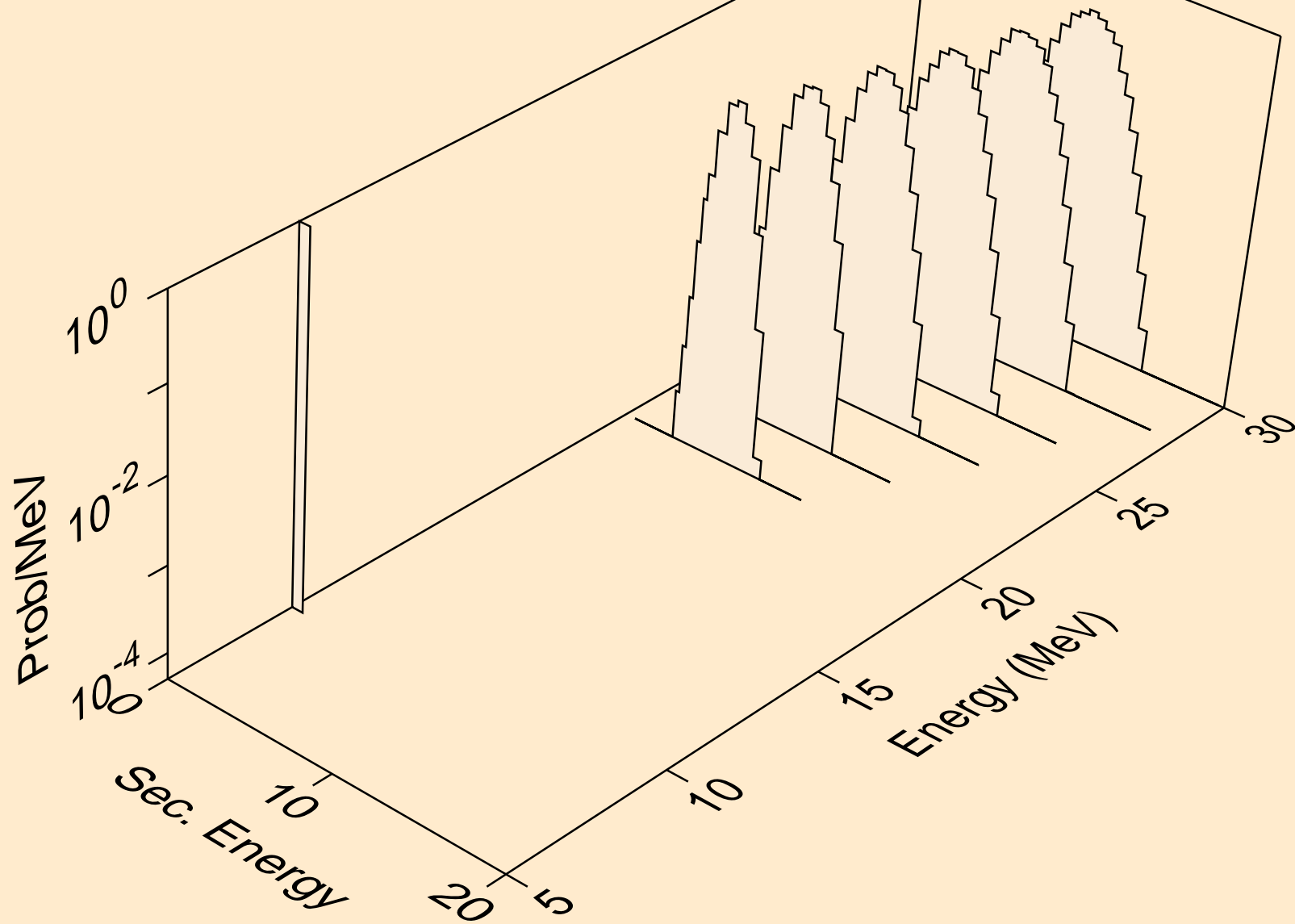
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protons from (n,2np)



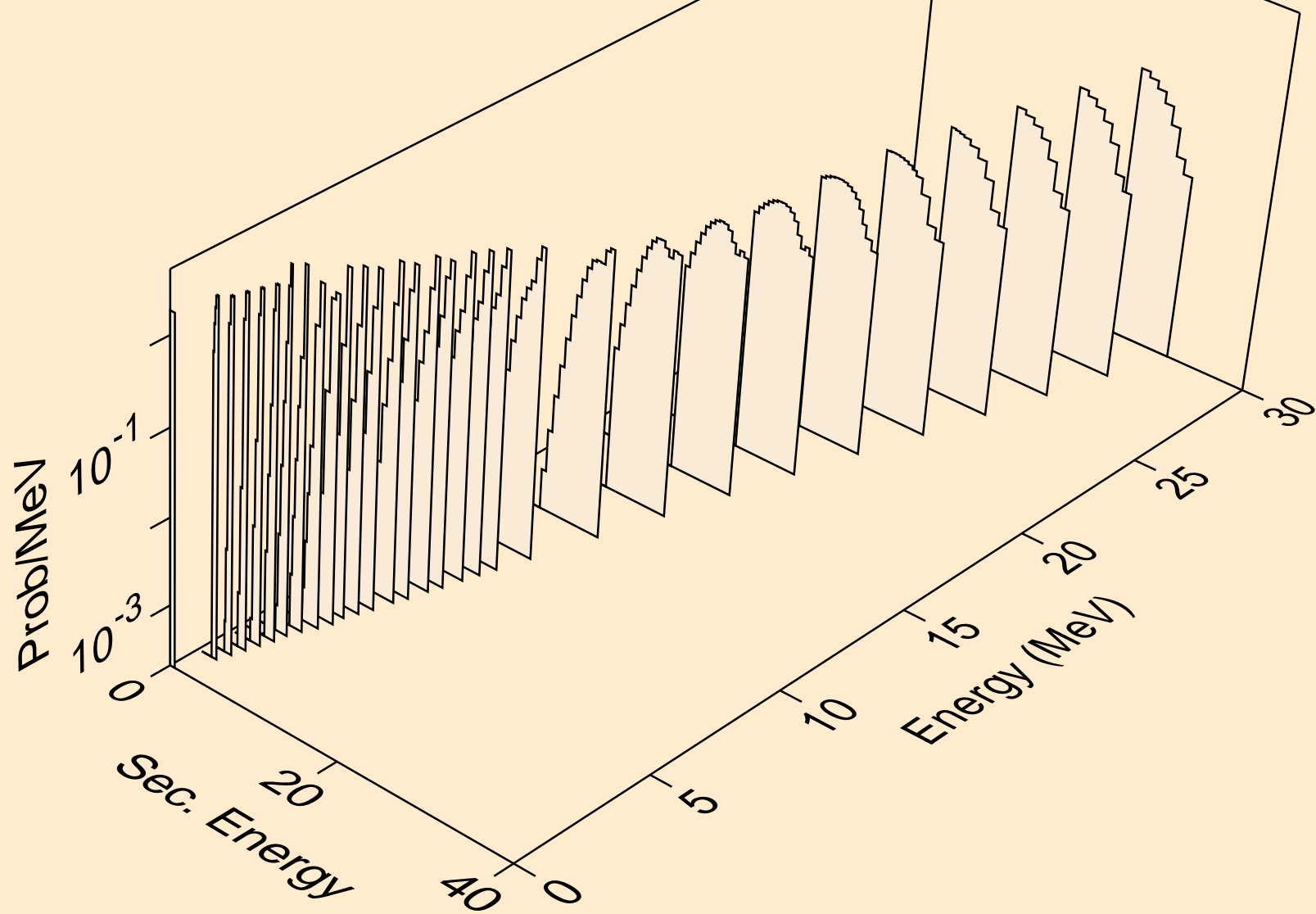
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protons from (n,3np)



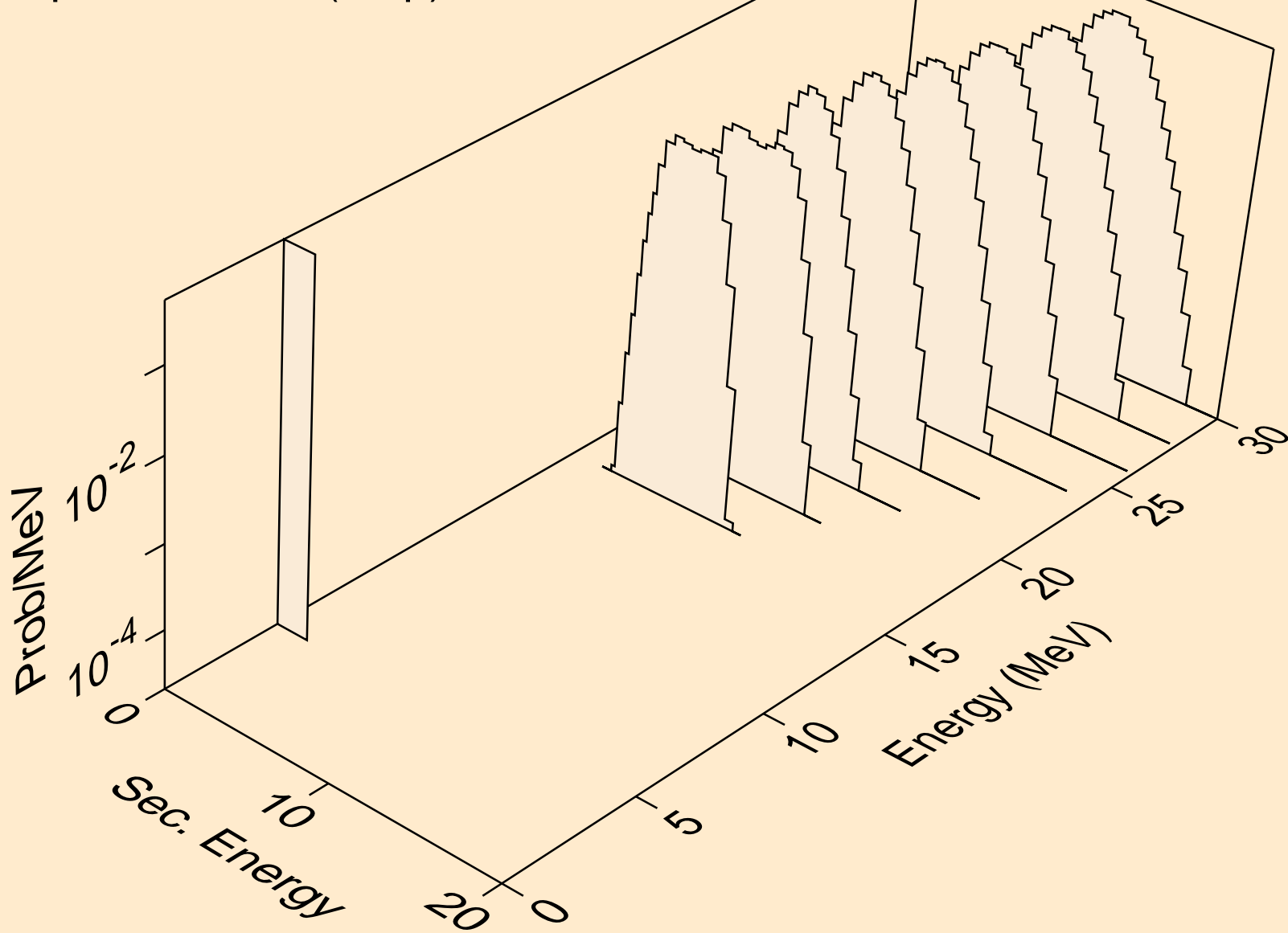
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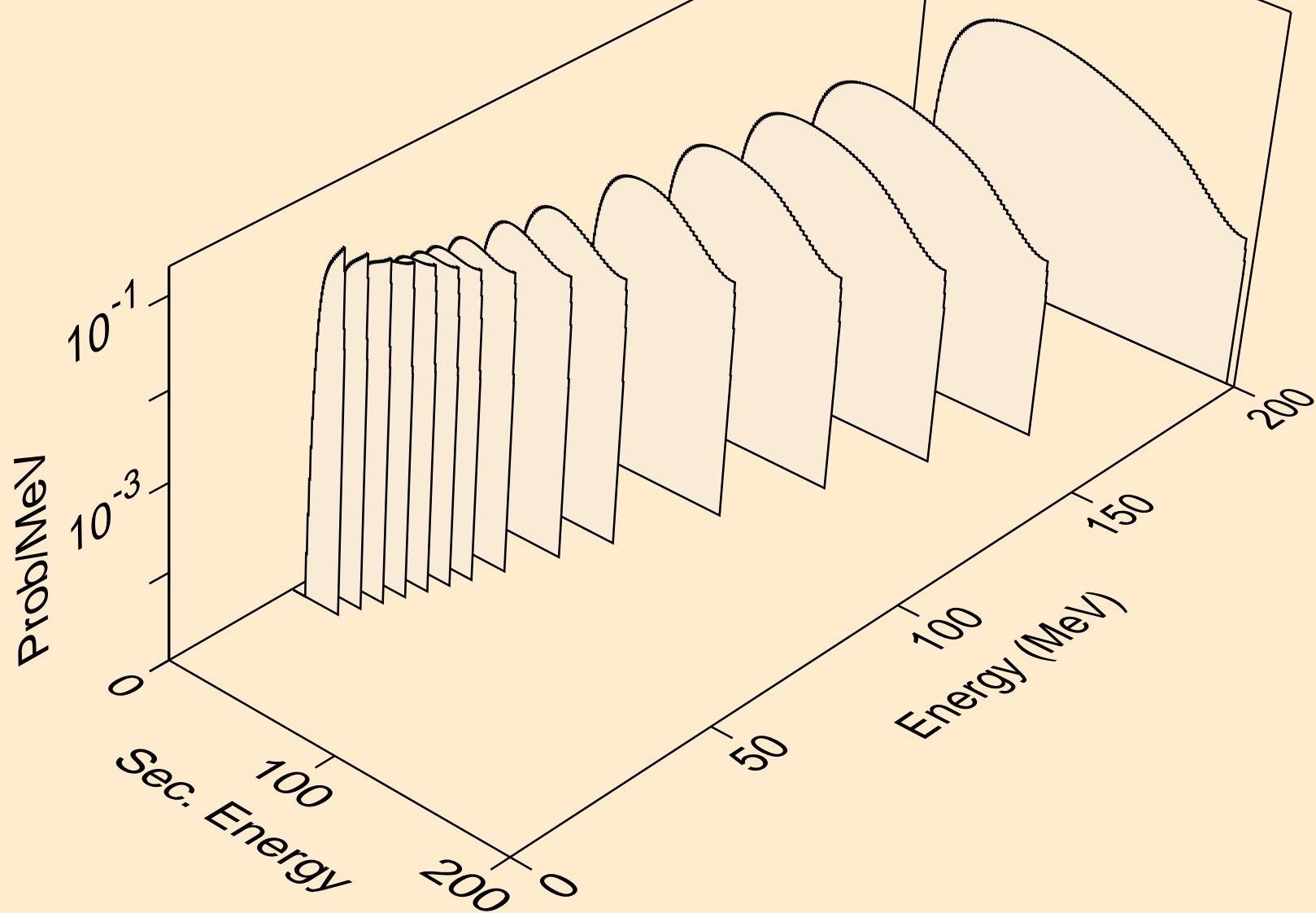
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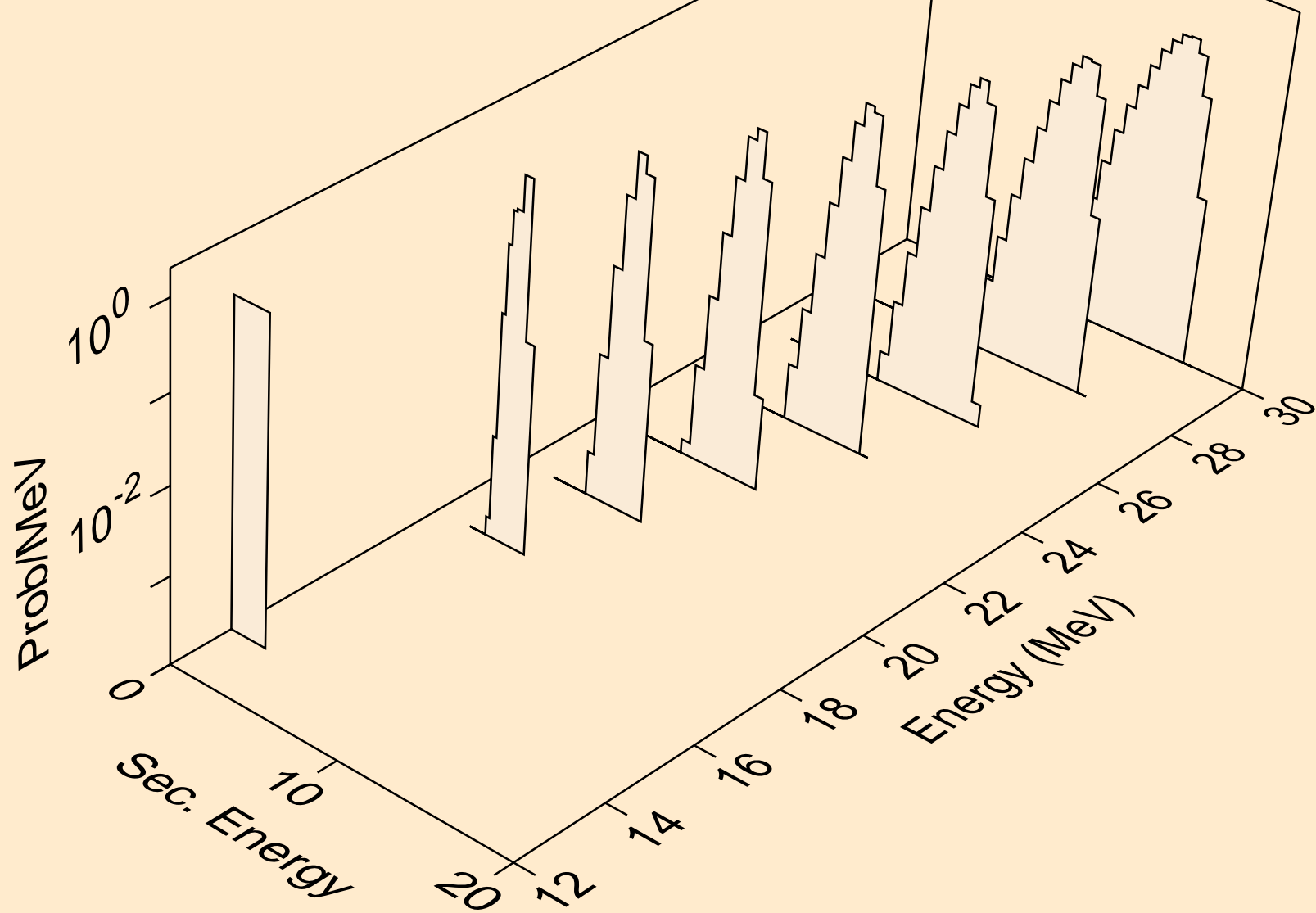
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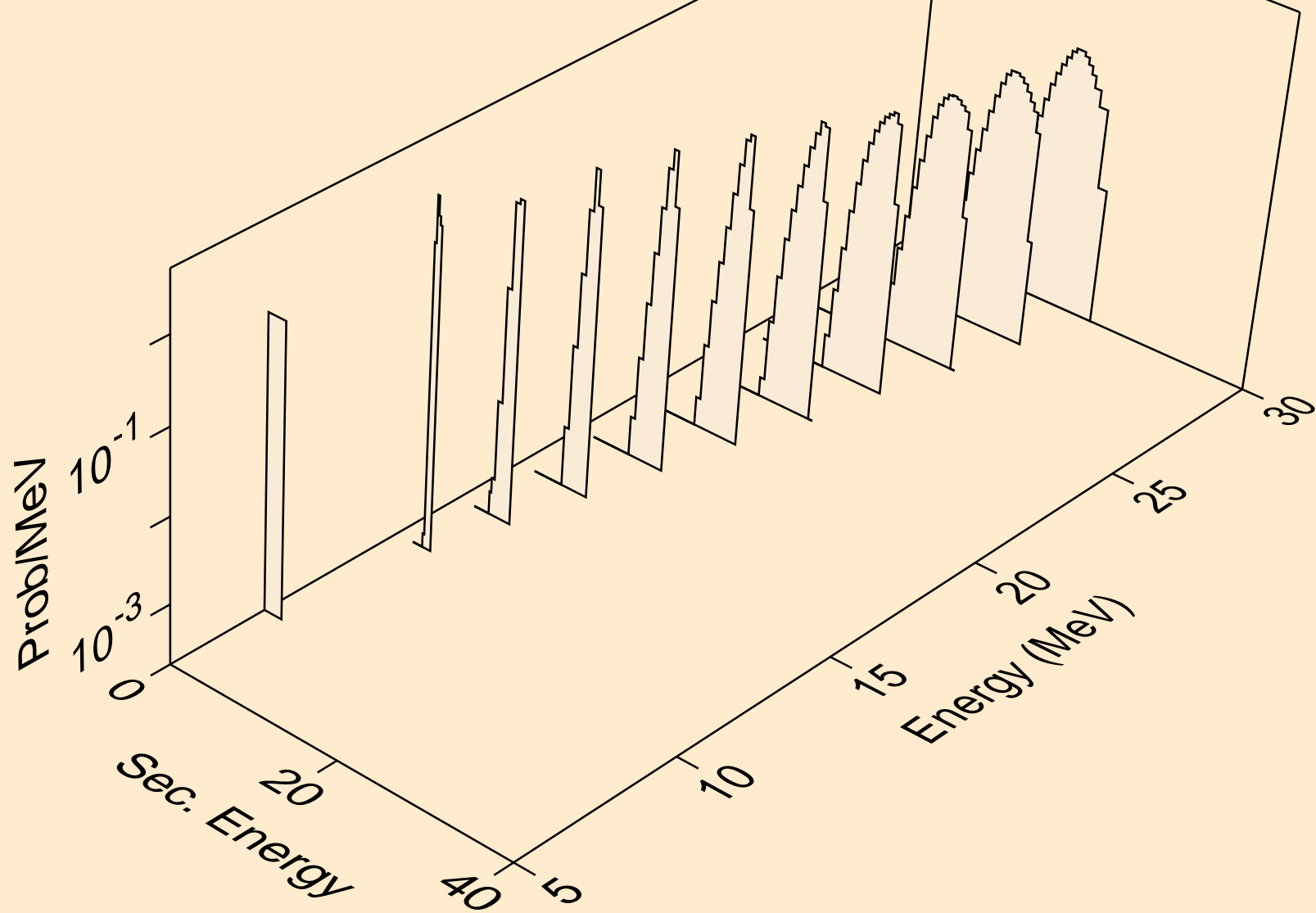
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deuterons from (n,x)



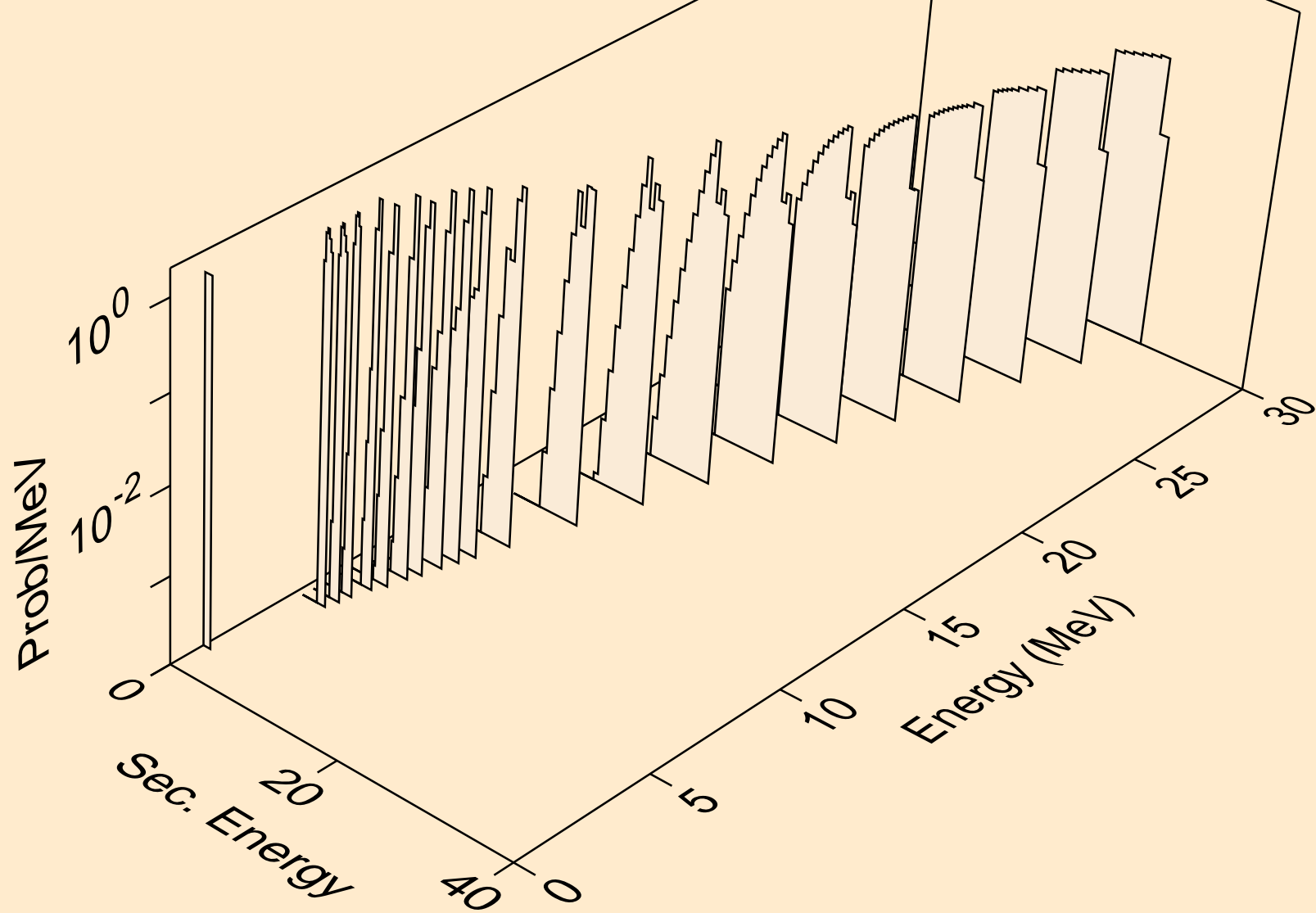
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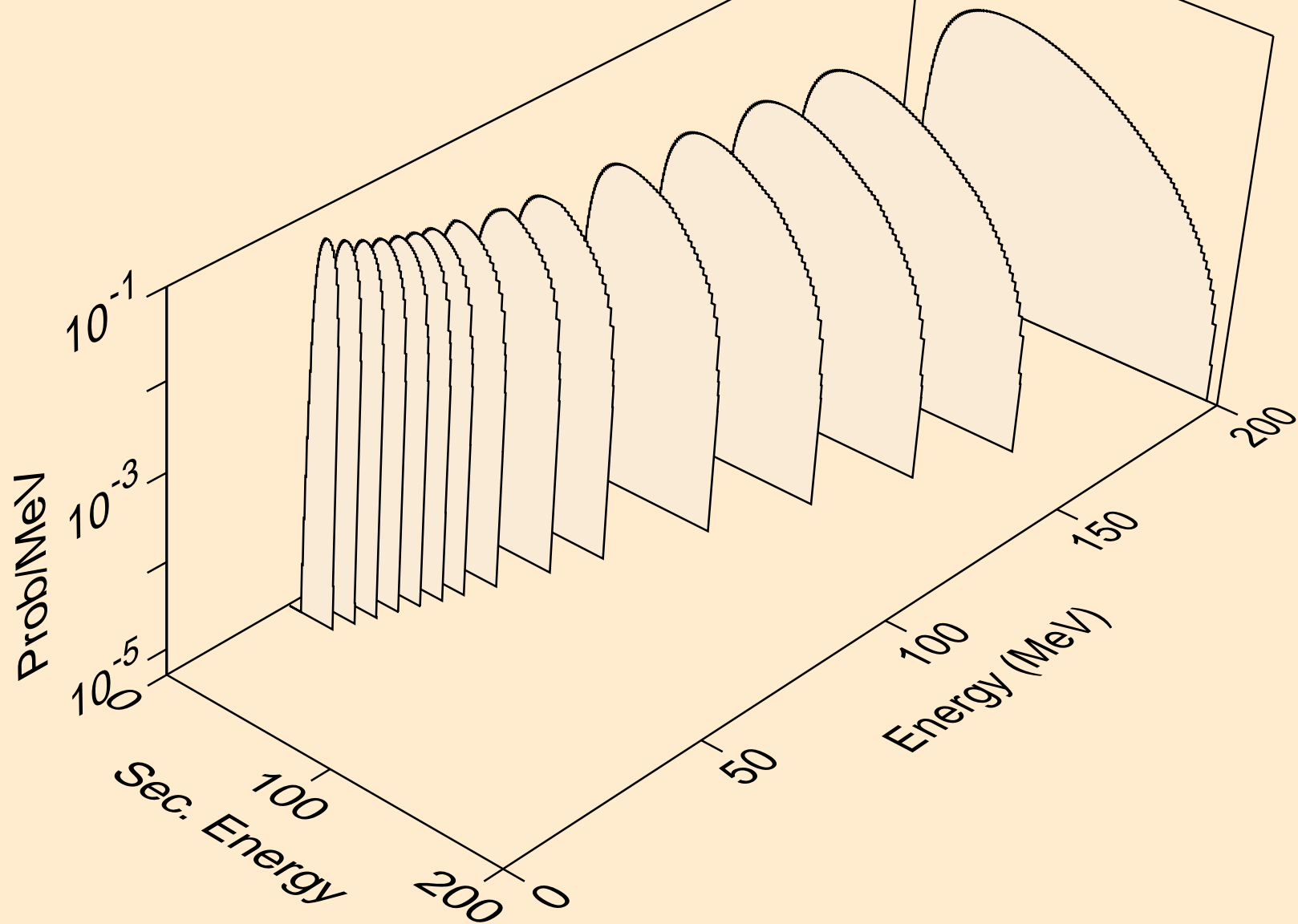
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deuterons from (n,n\*)d



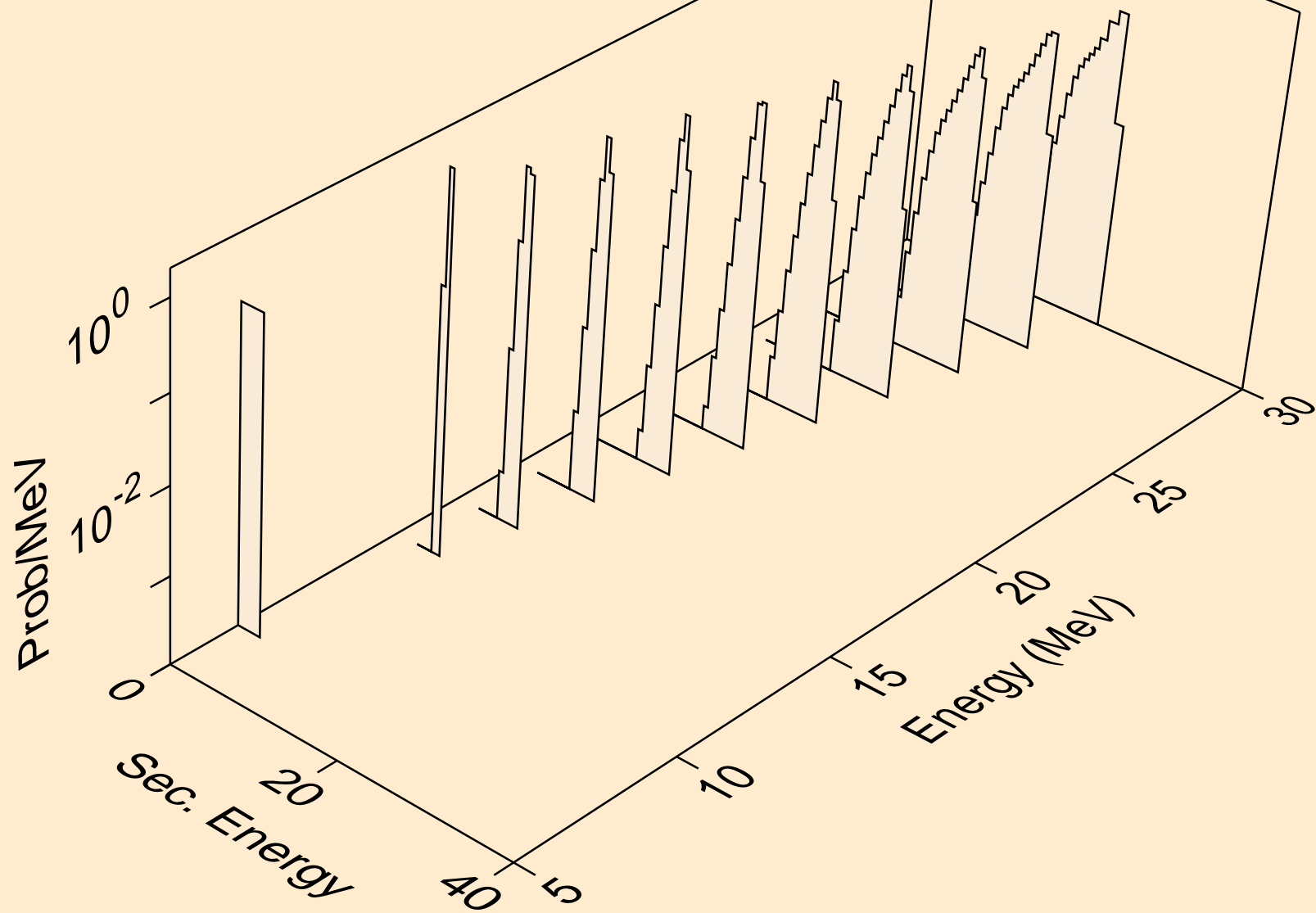
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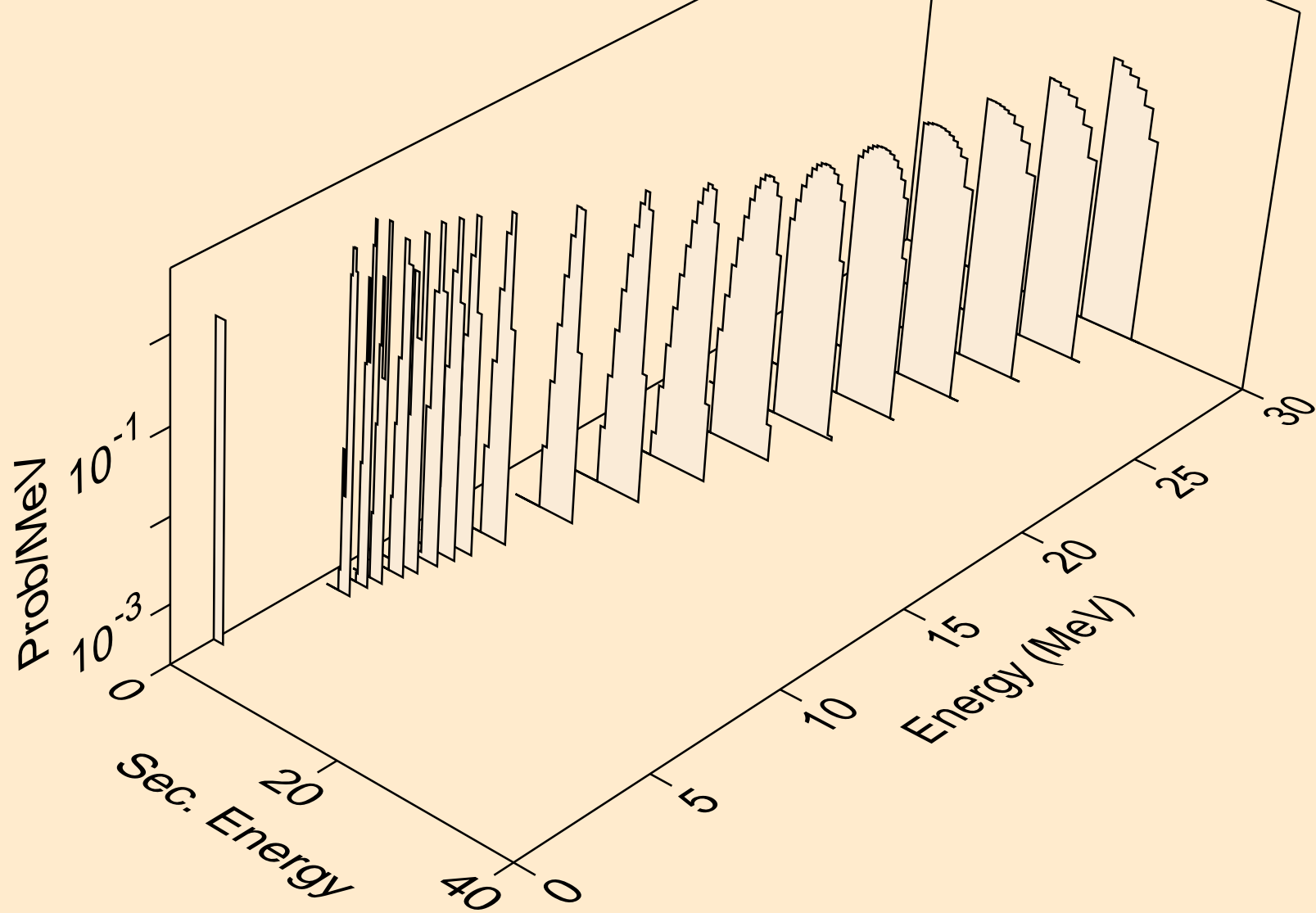
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tritons from (n,x)



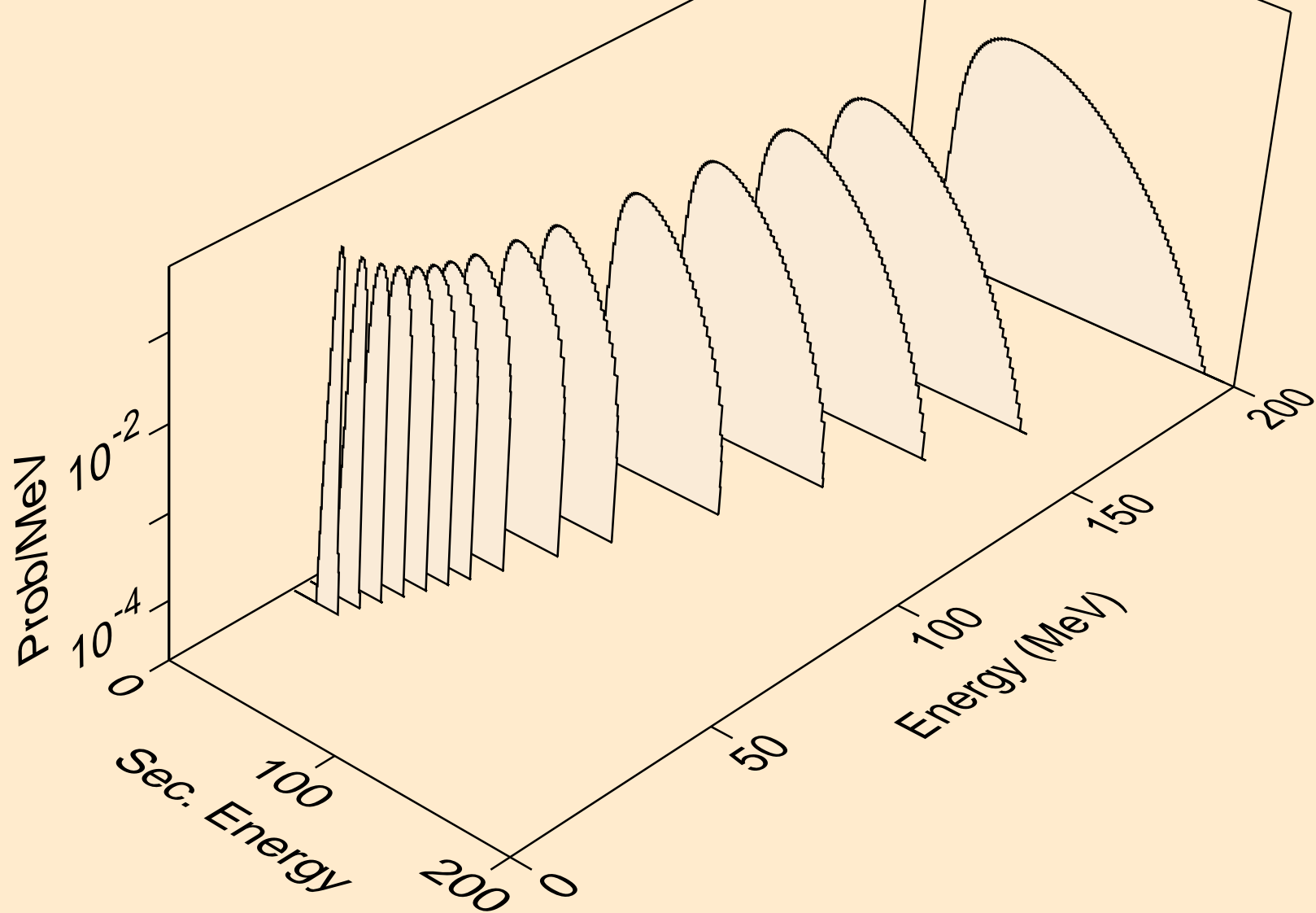
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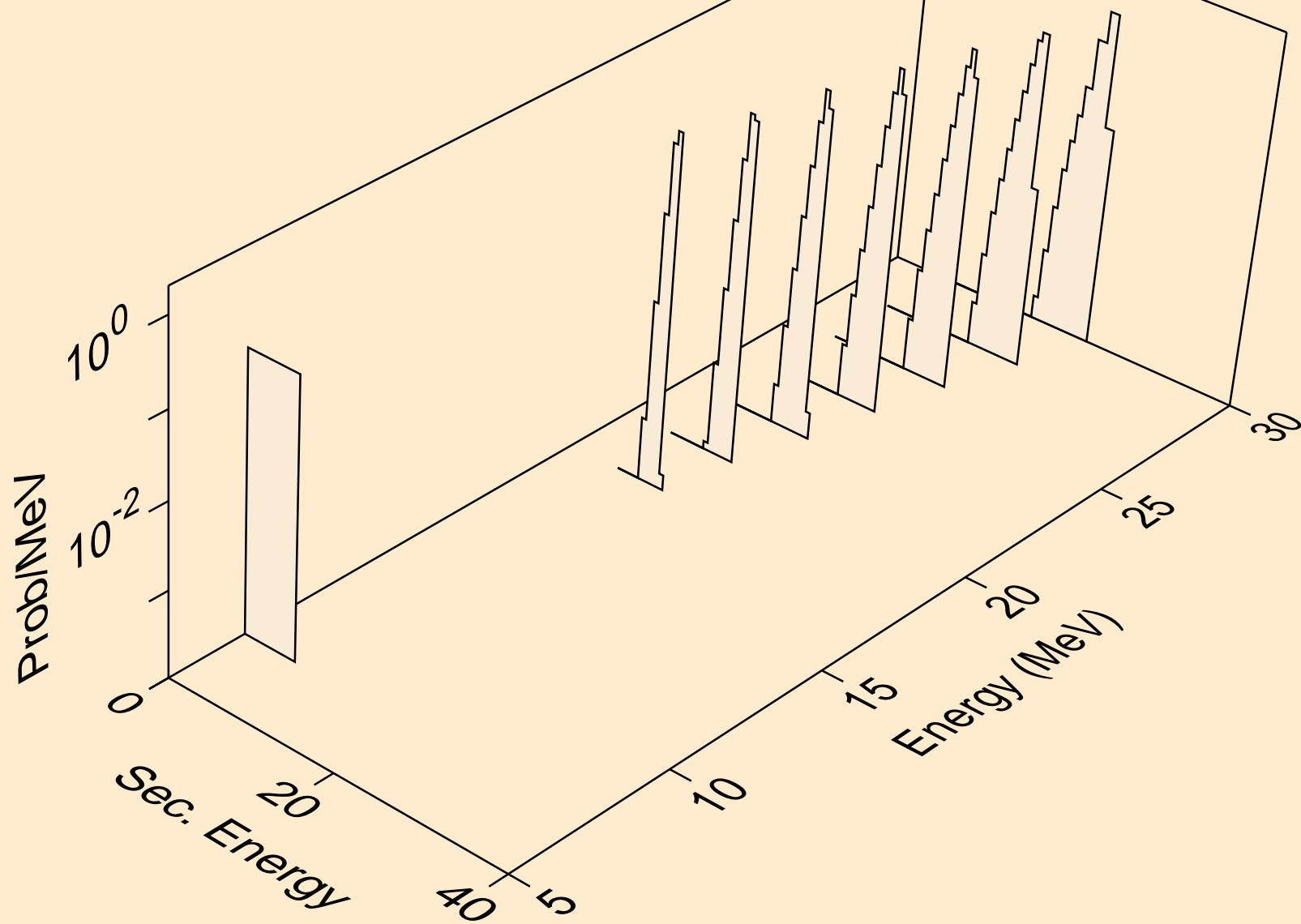
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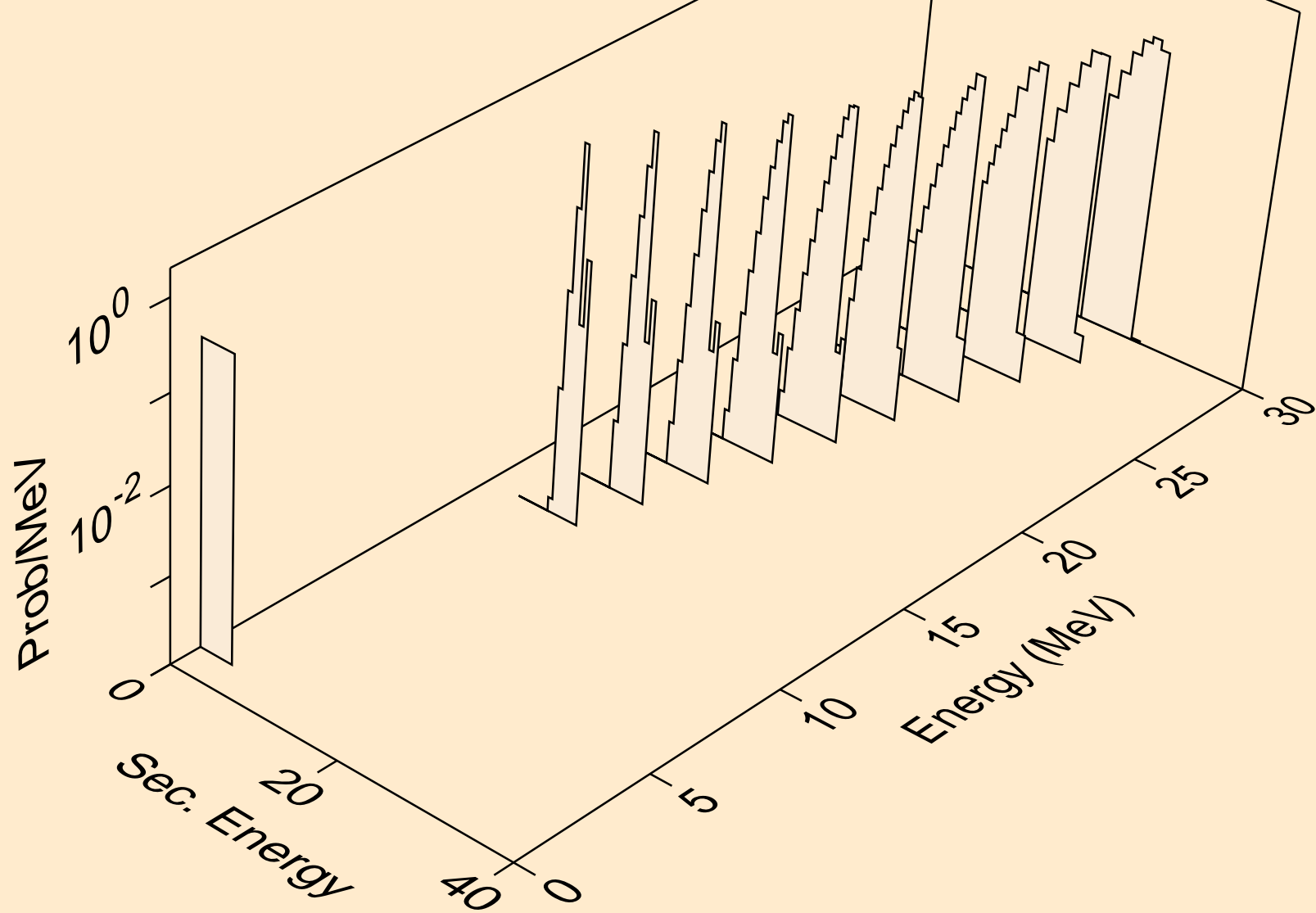
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he3s from (n,x)



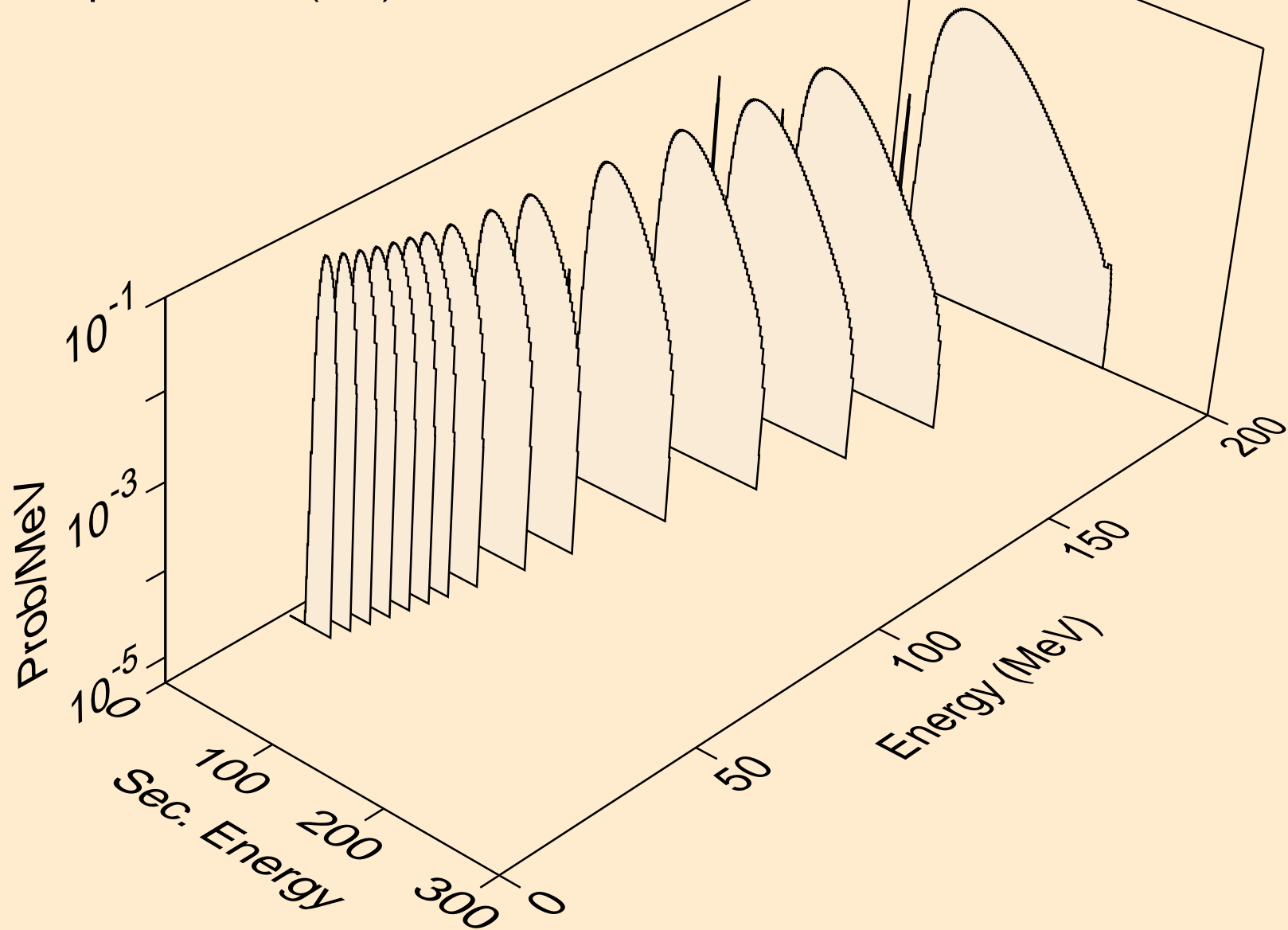
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he3s from (n,n\*)he3



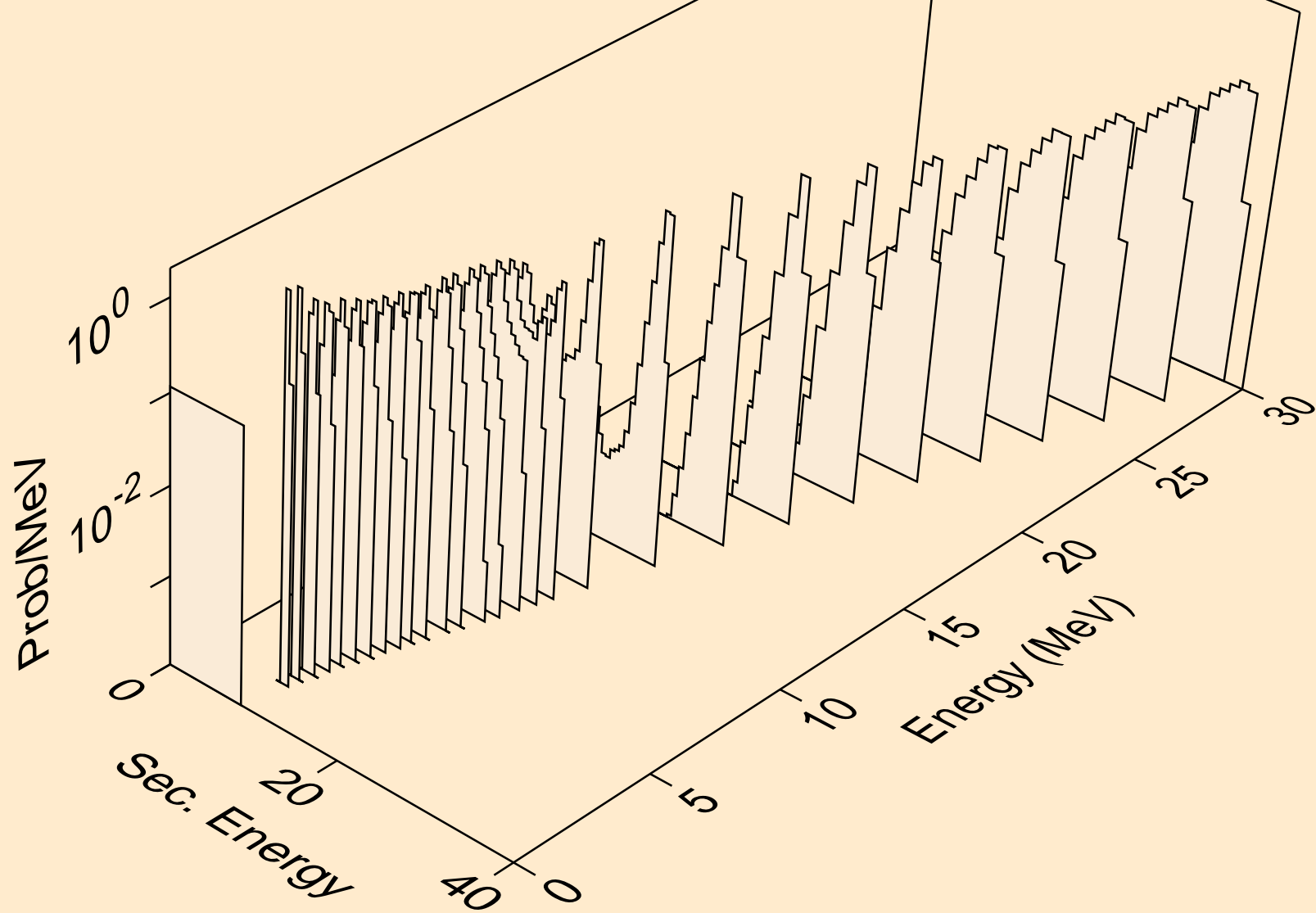
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he3s from (n,he3)



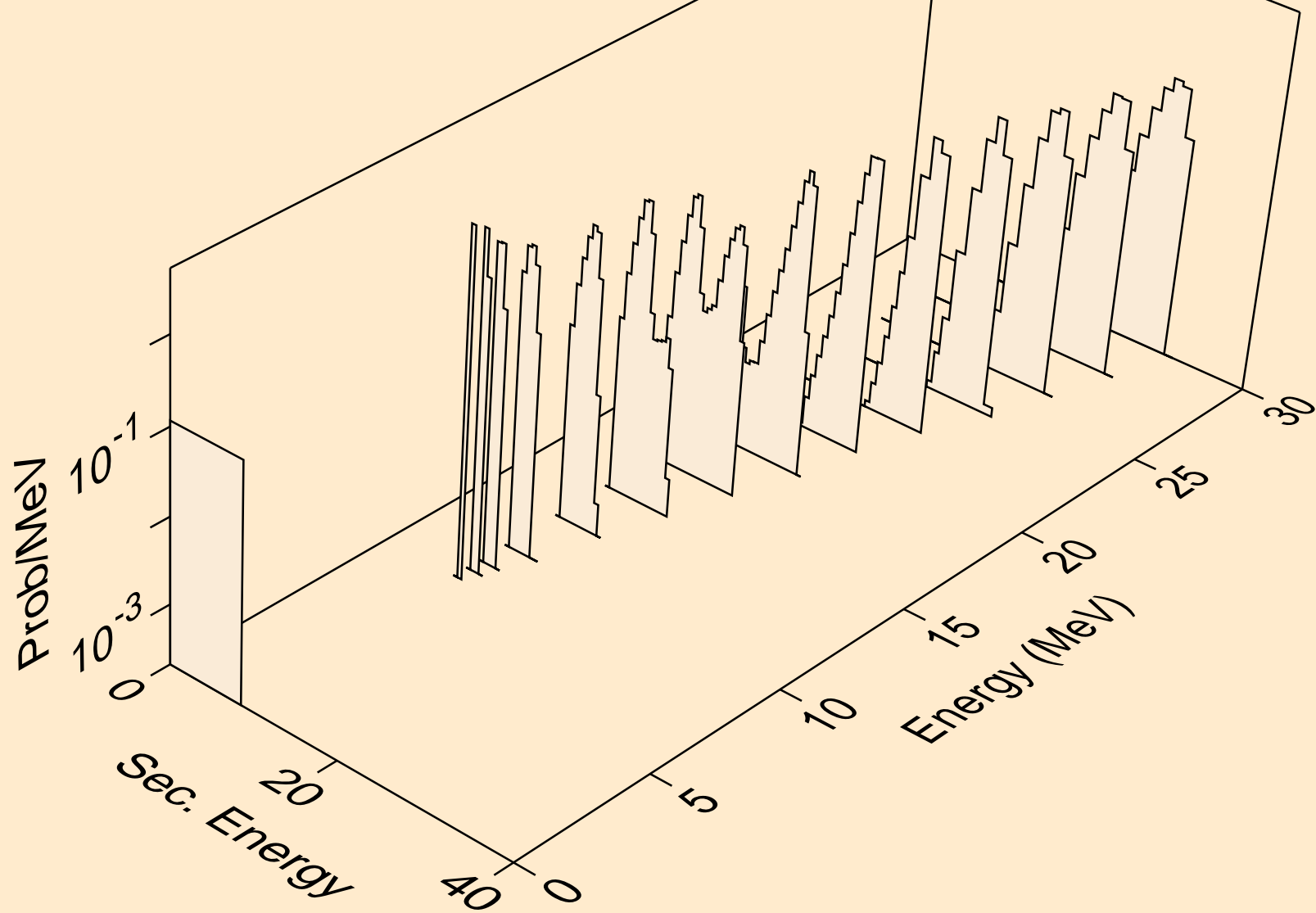
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alphas from (n,x)



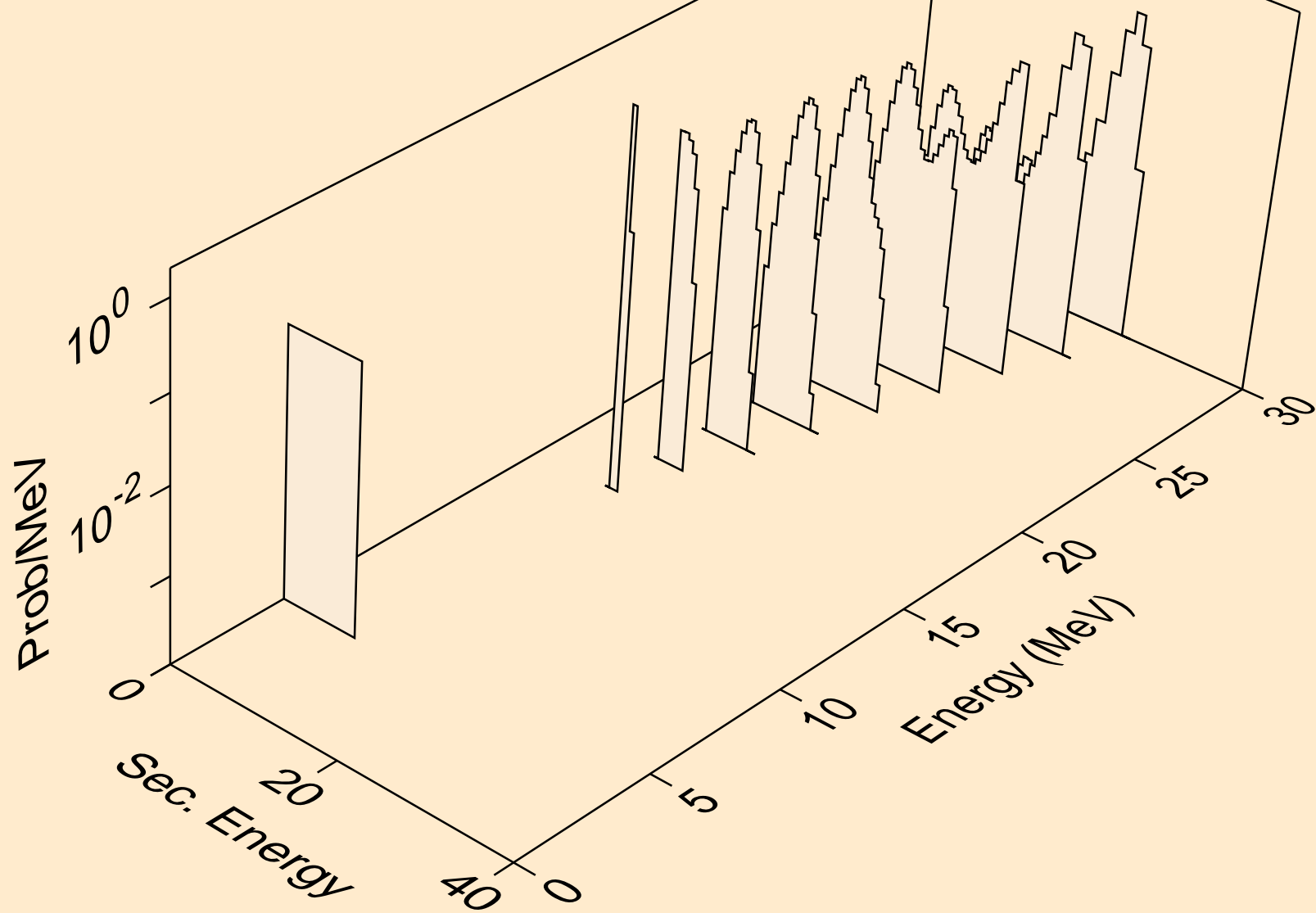
DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



DB267 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

