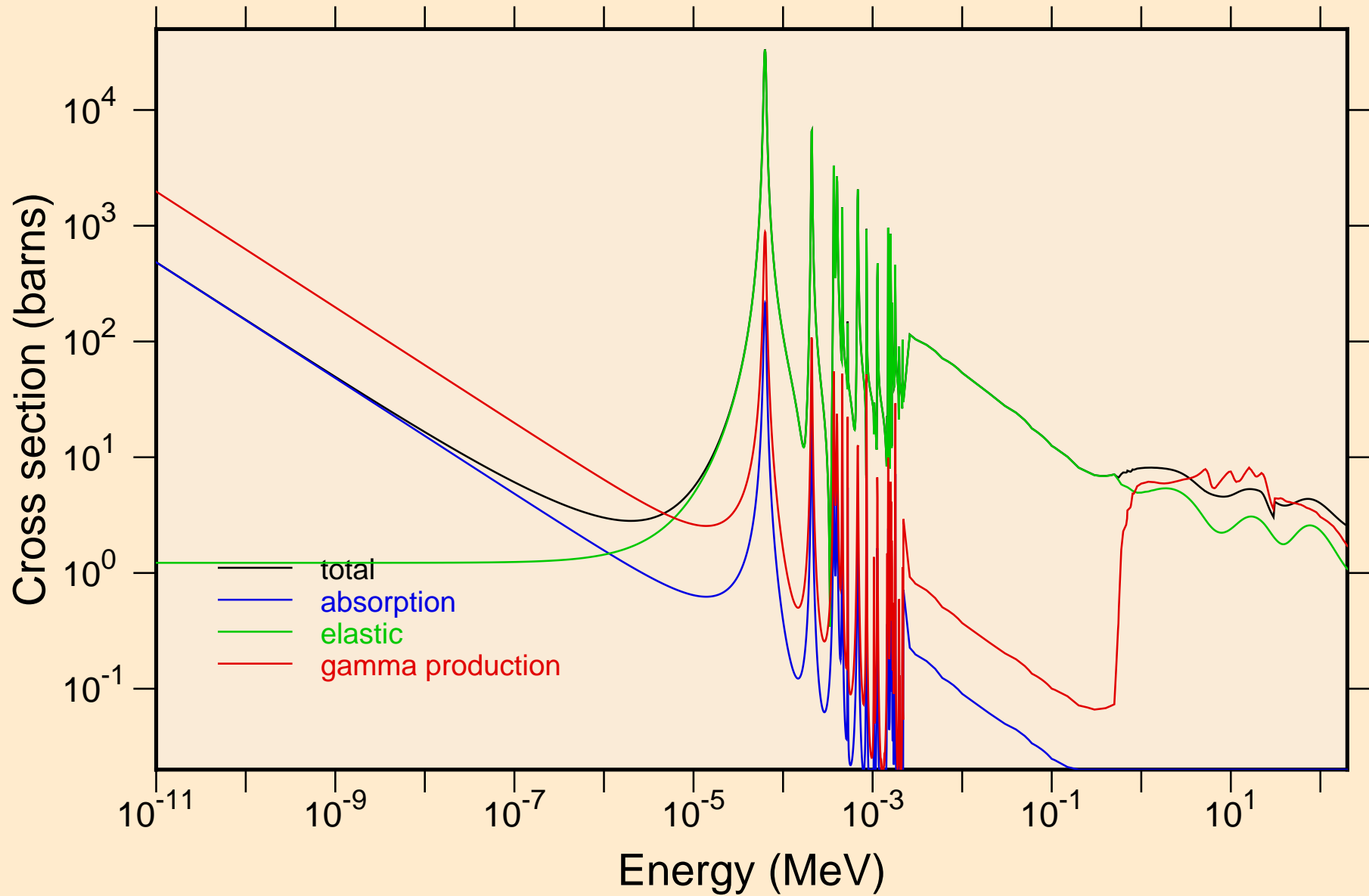
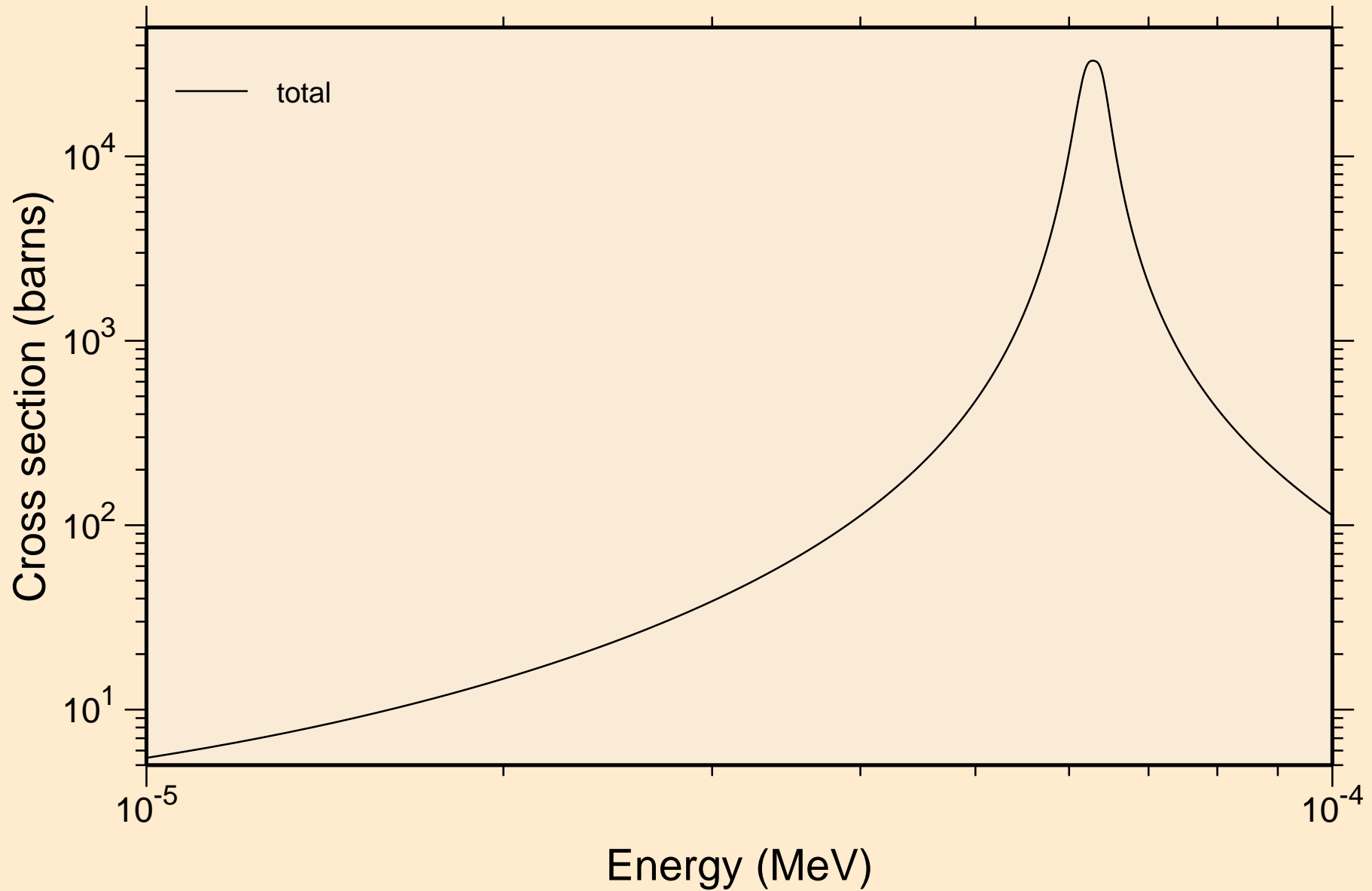


# EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

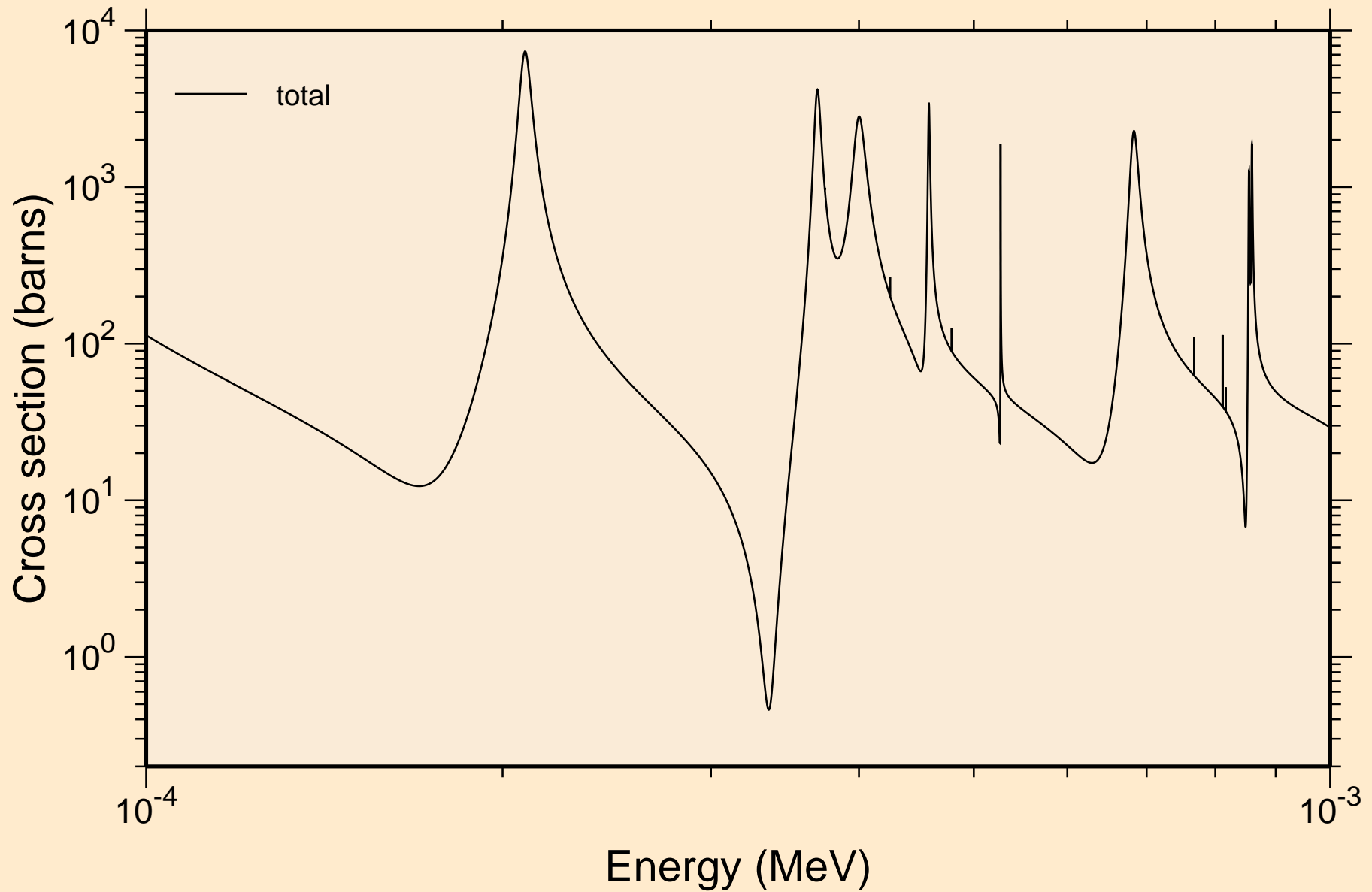
## Principal cross sections



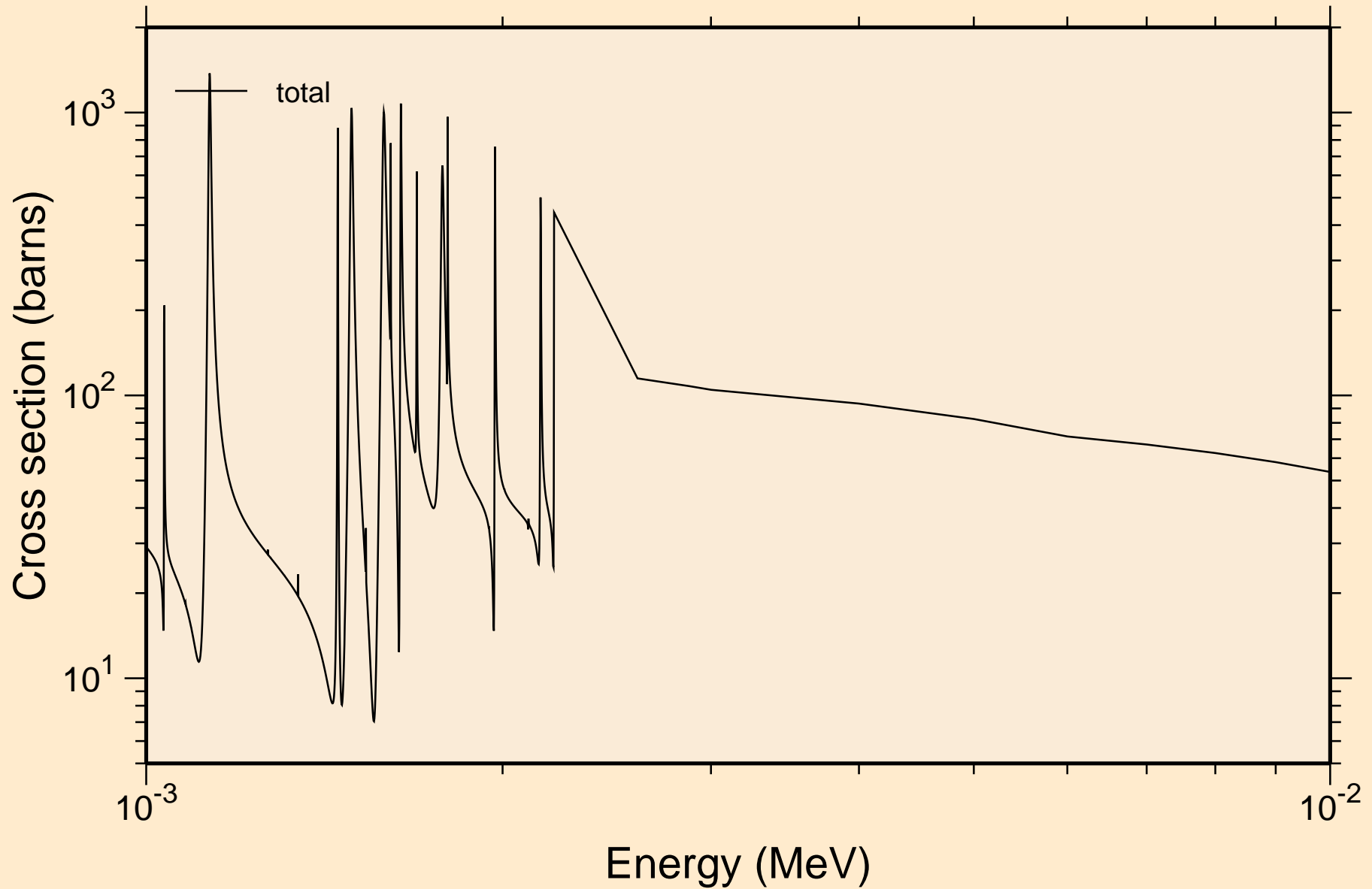
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



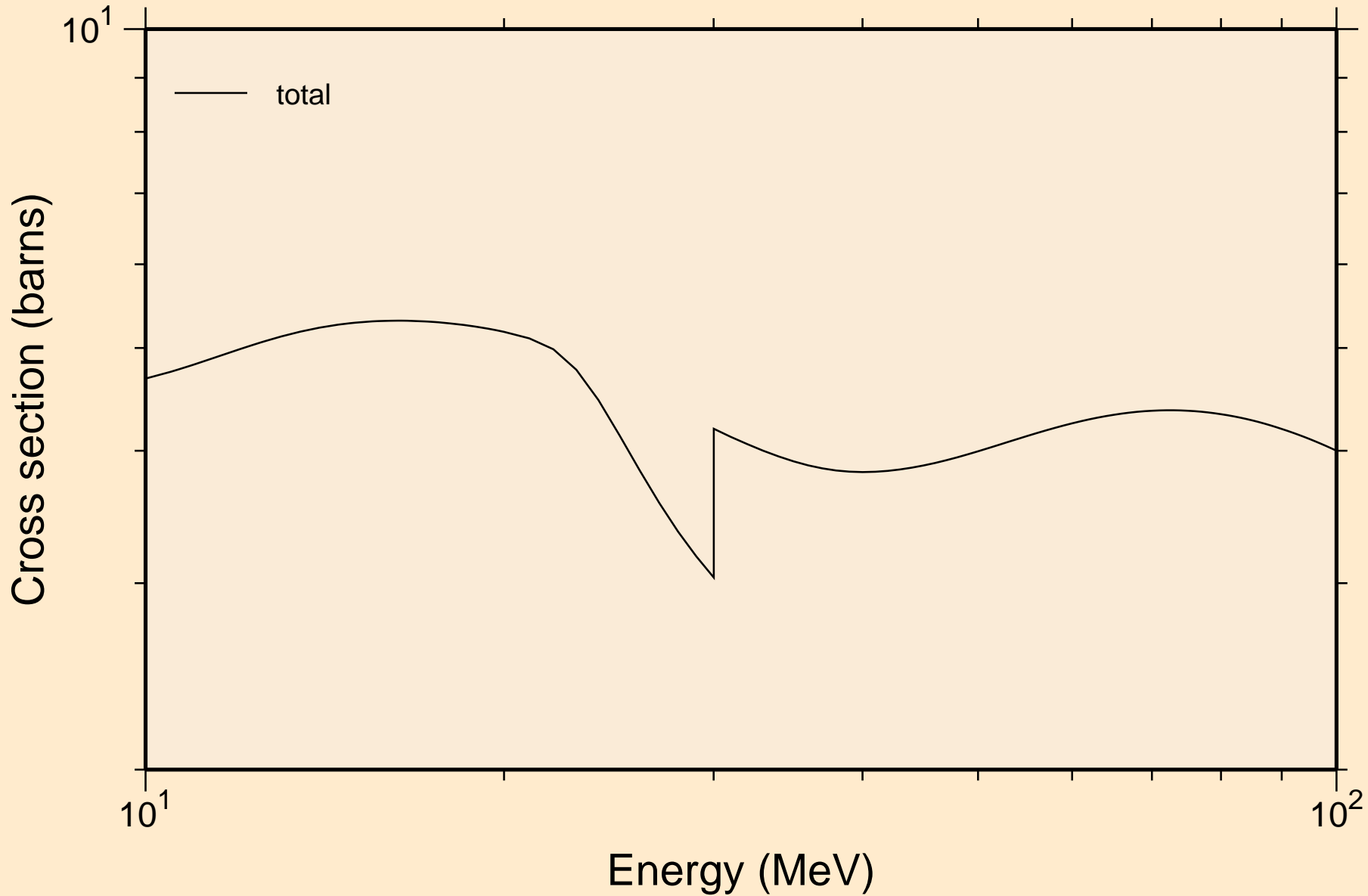
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



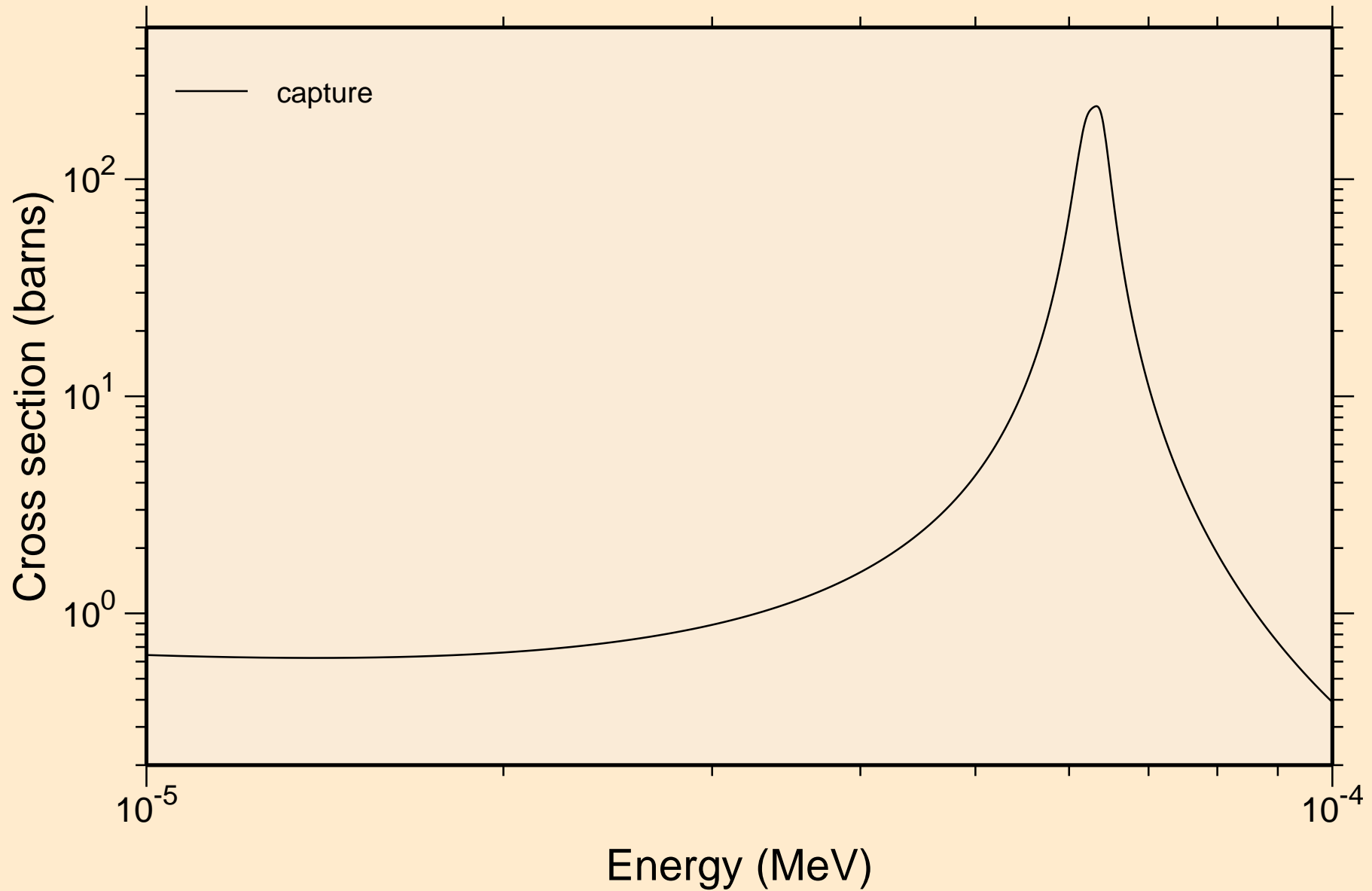
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



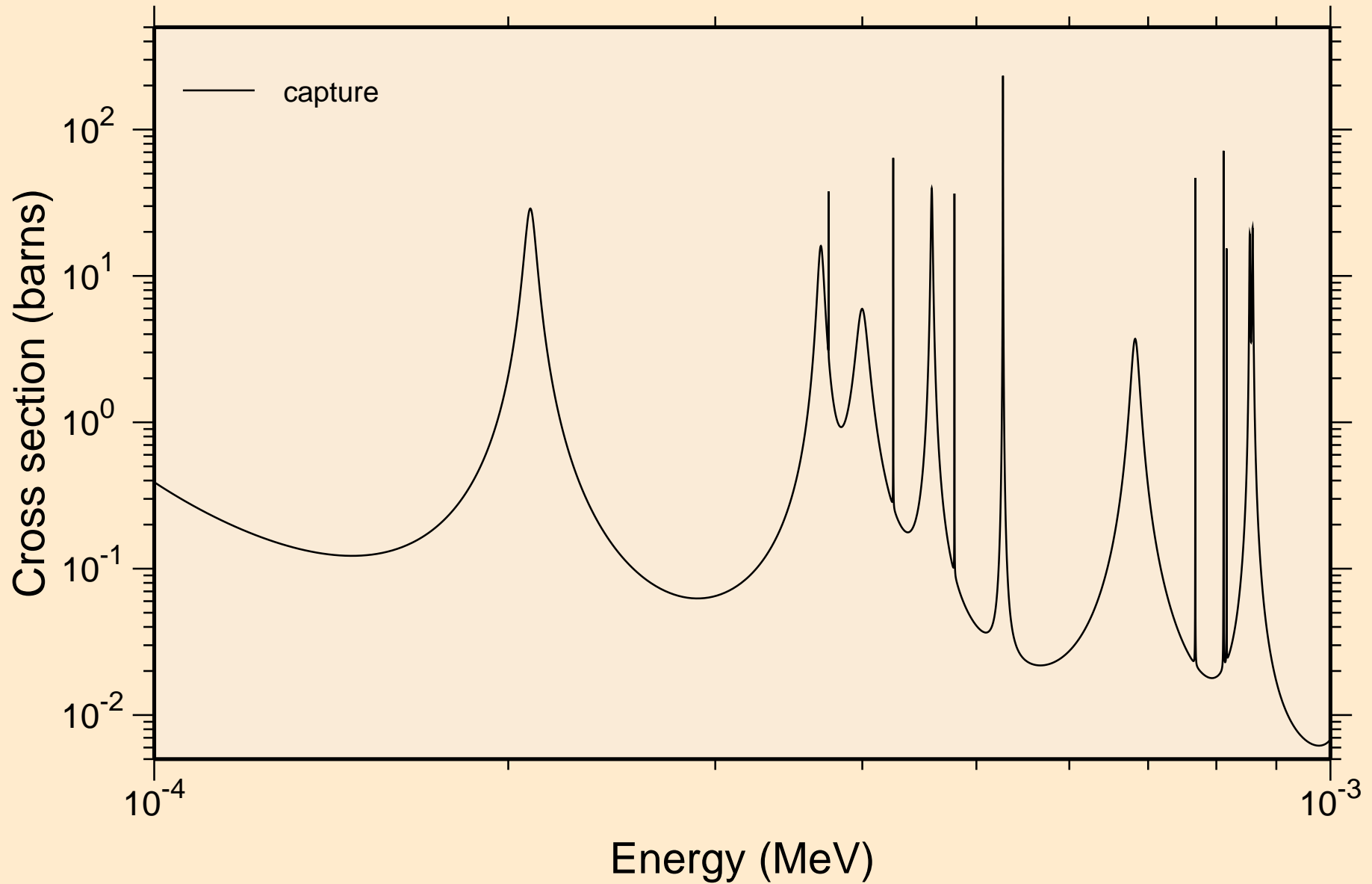
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



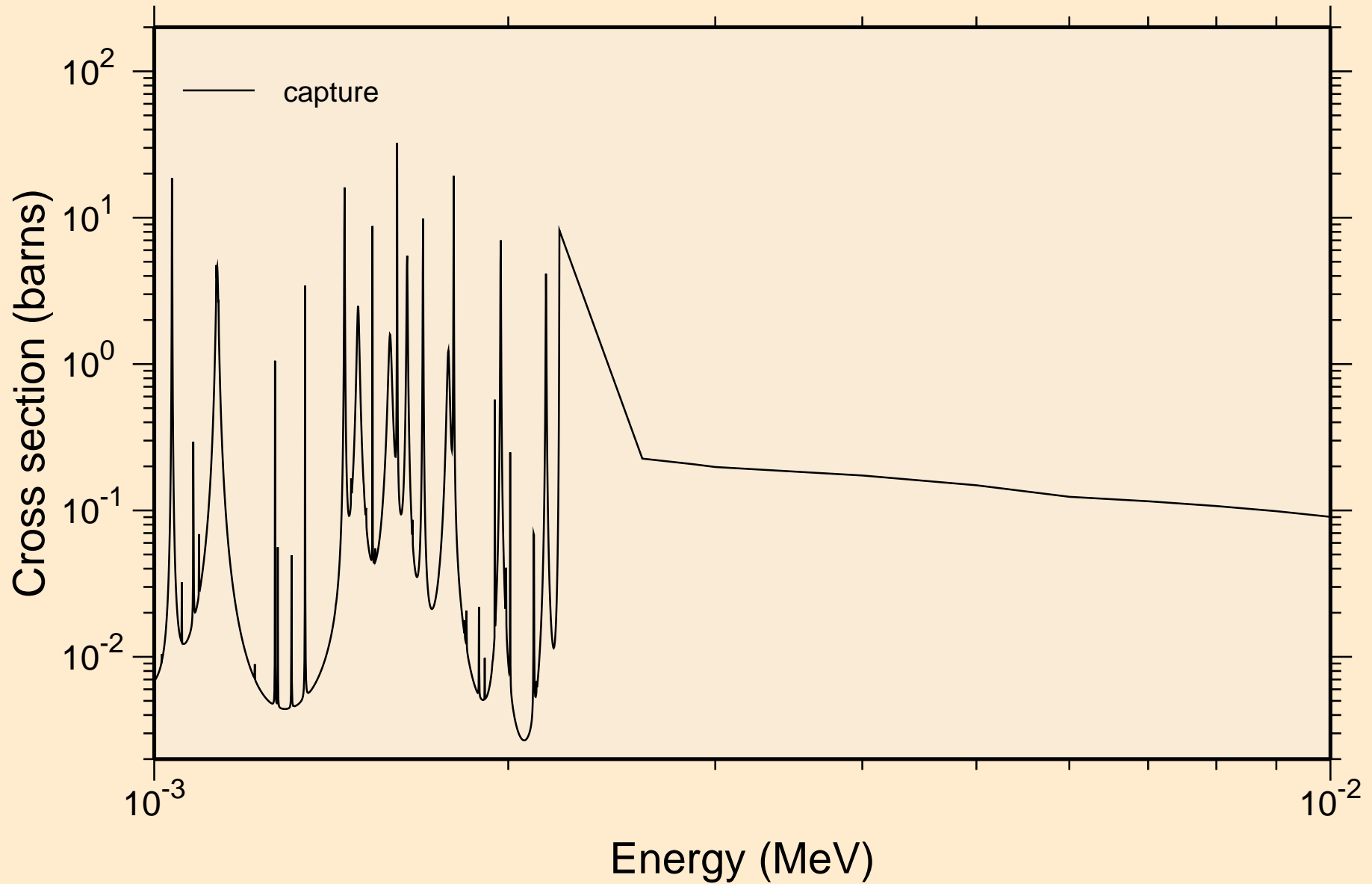
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

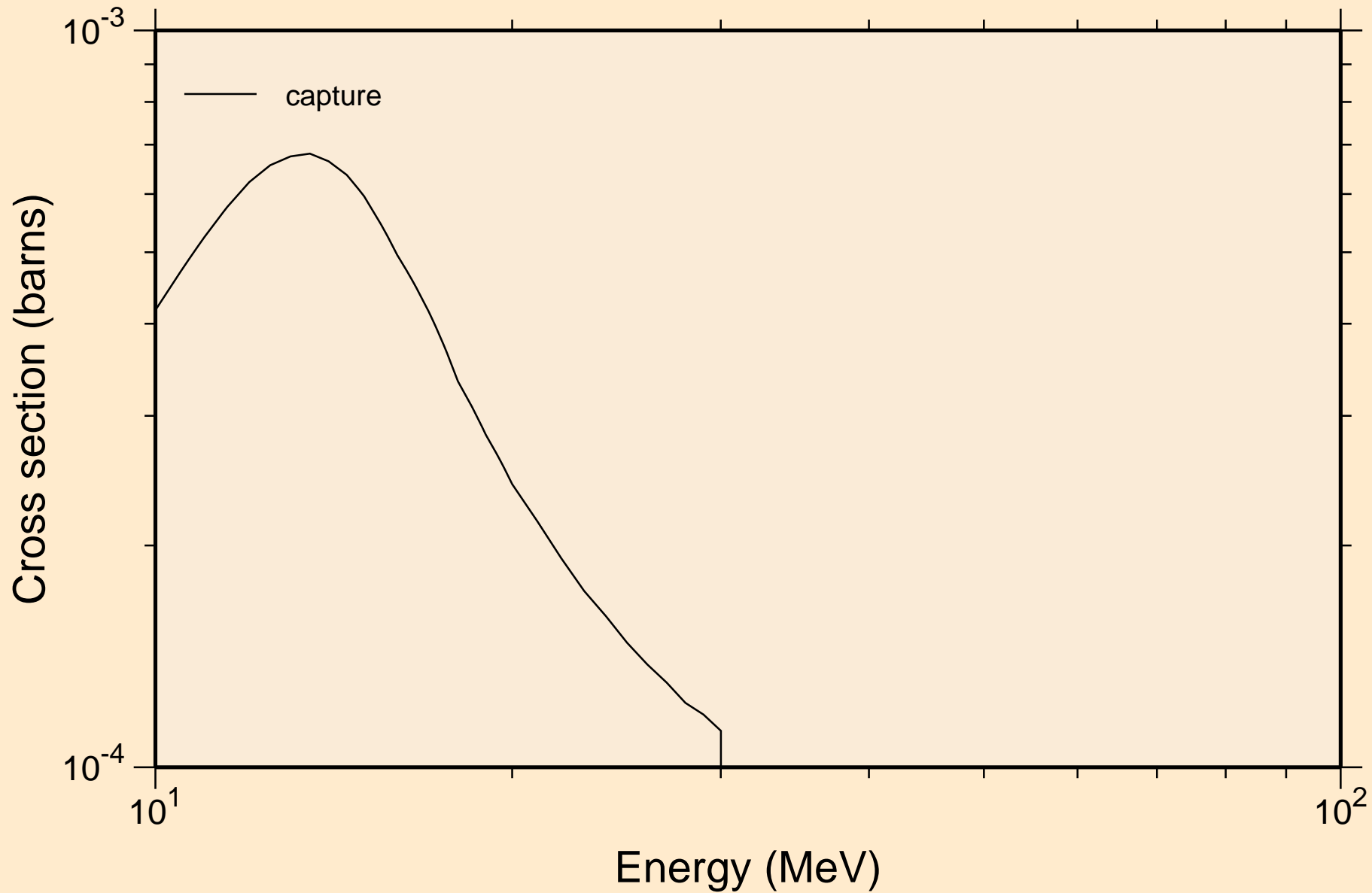


EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

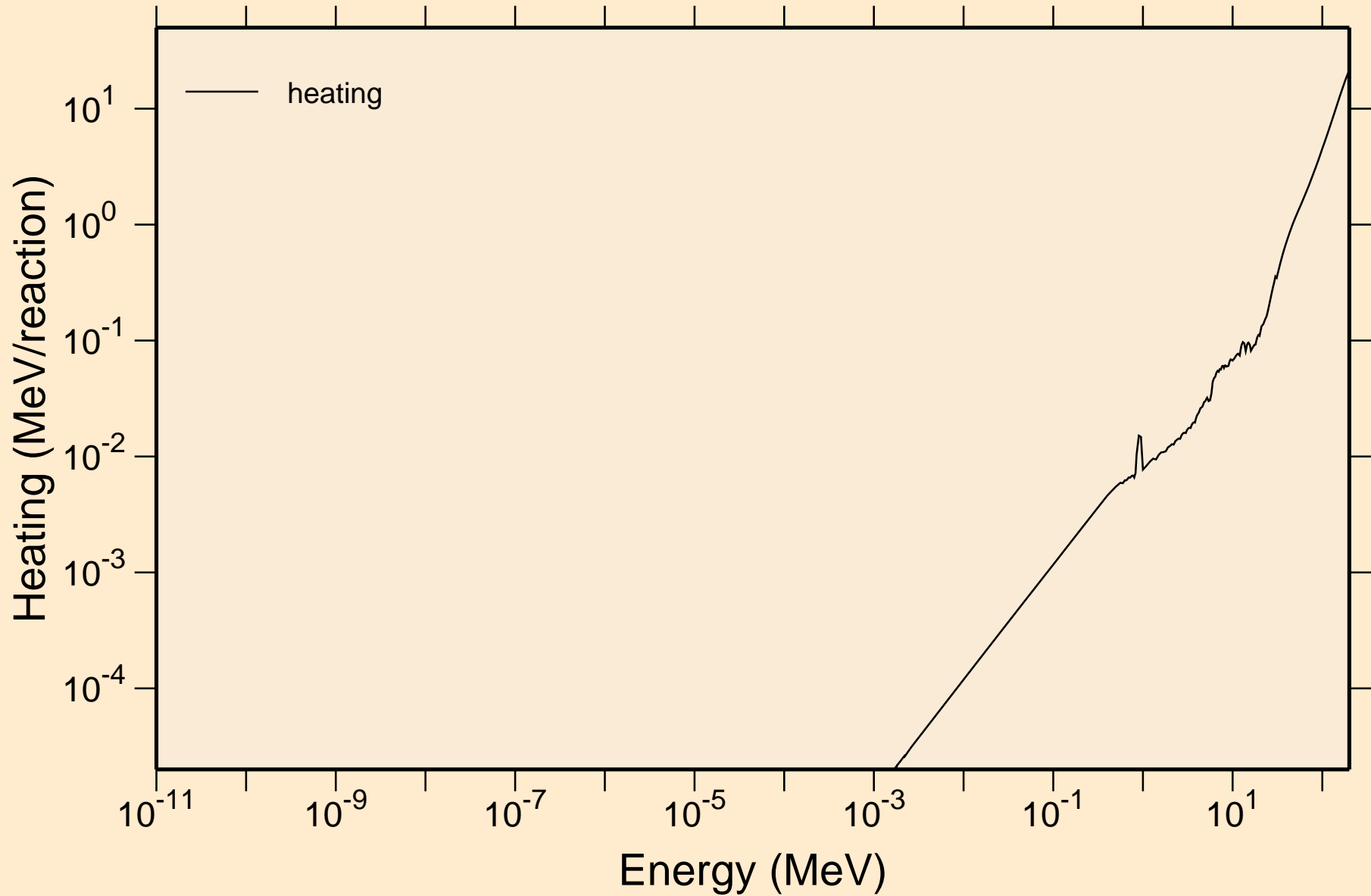




EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

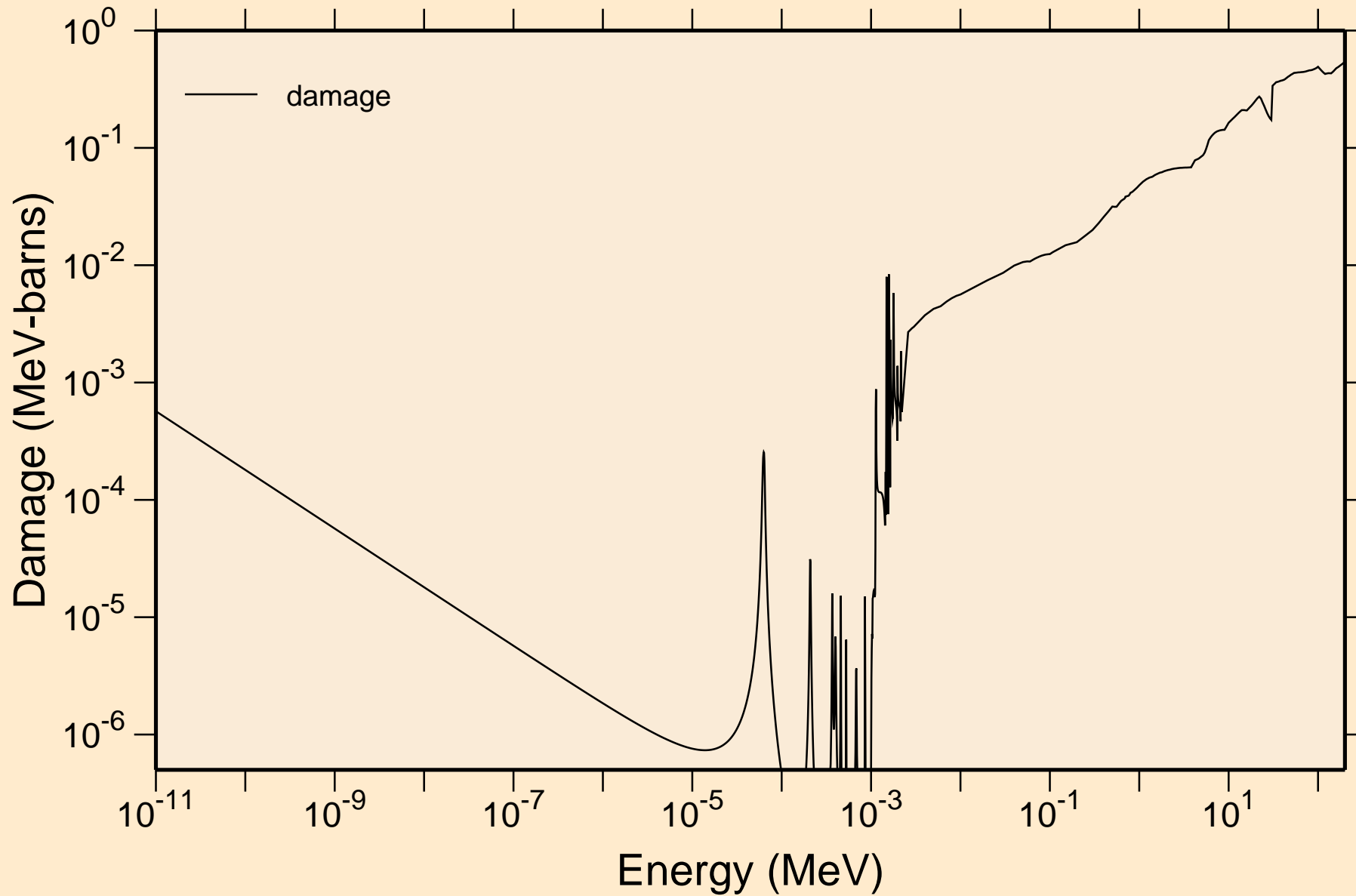


EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



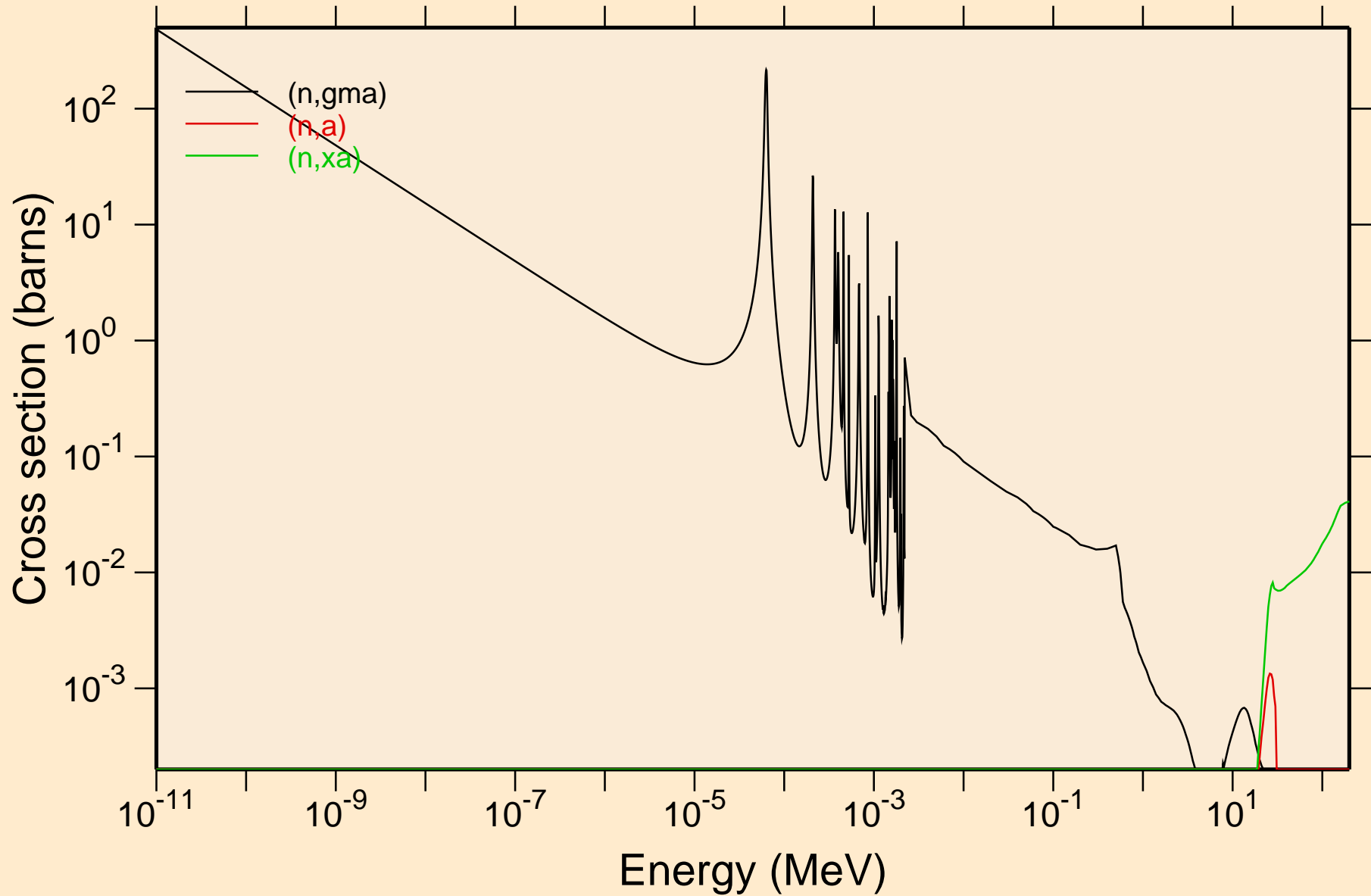
# EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



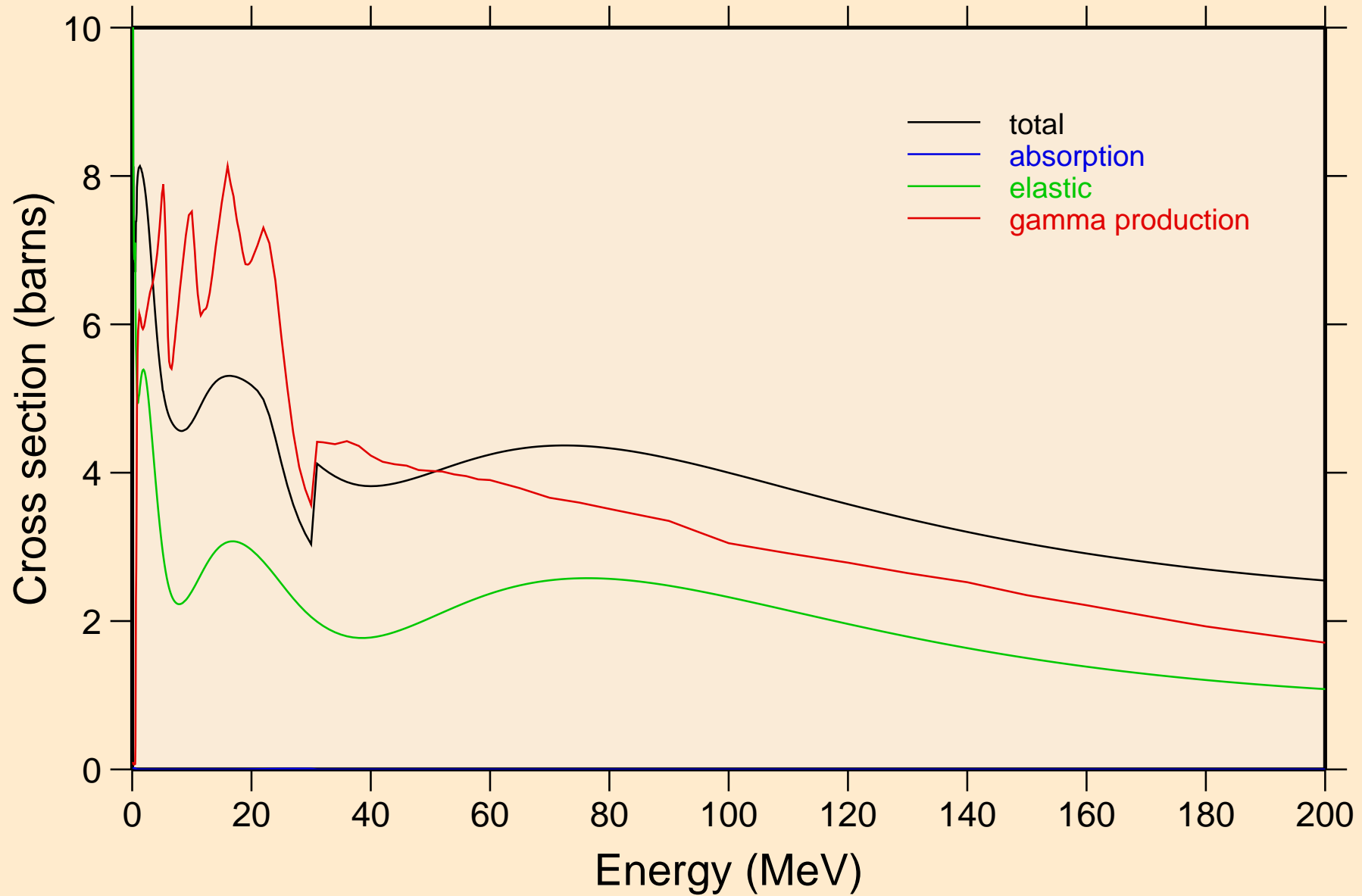
# EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



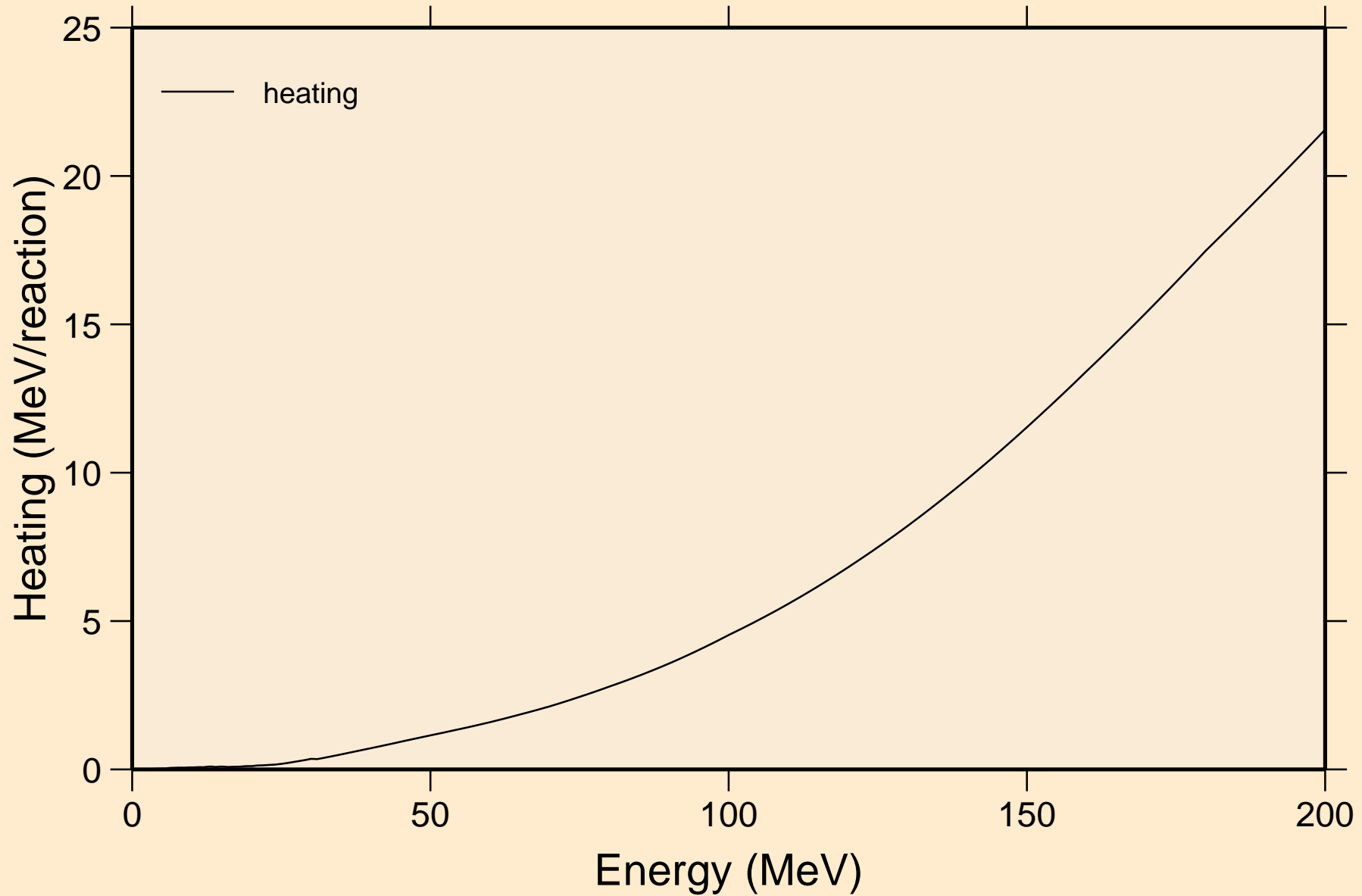
# EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



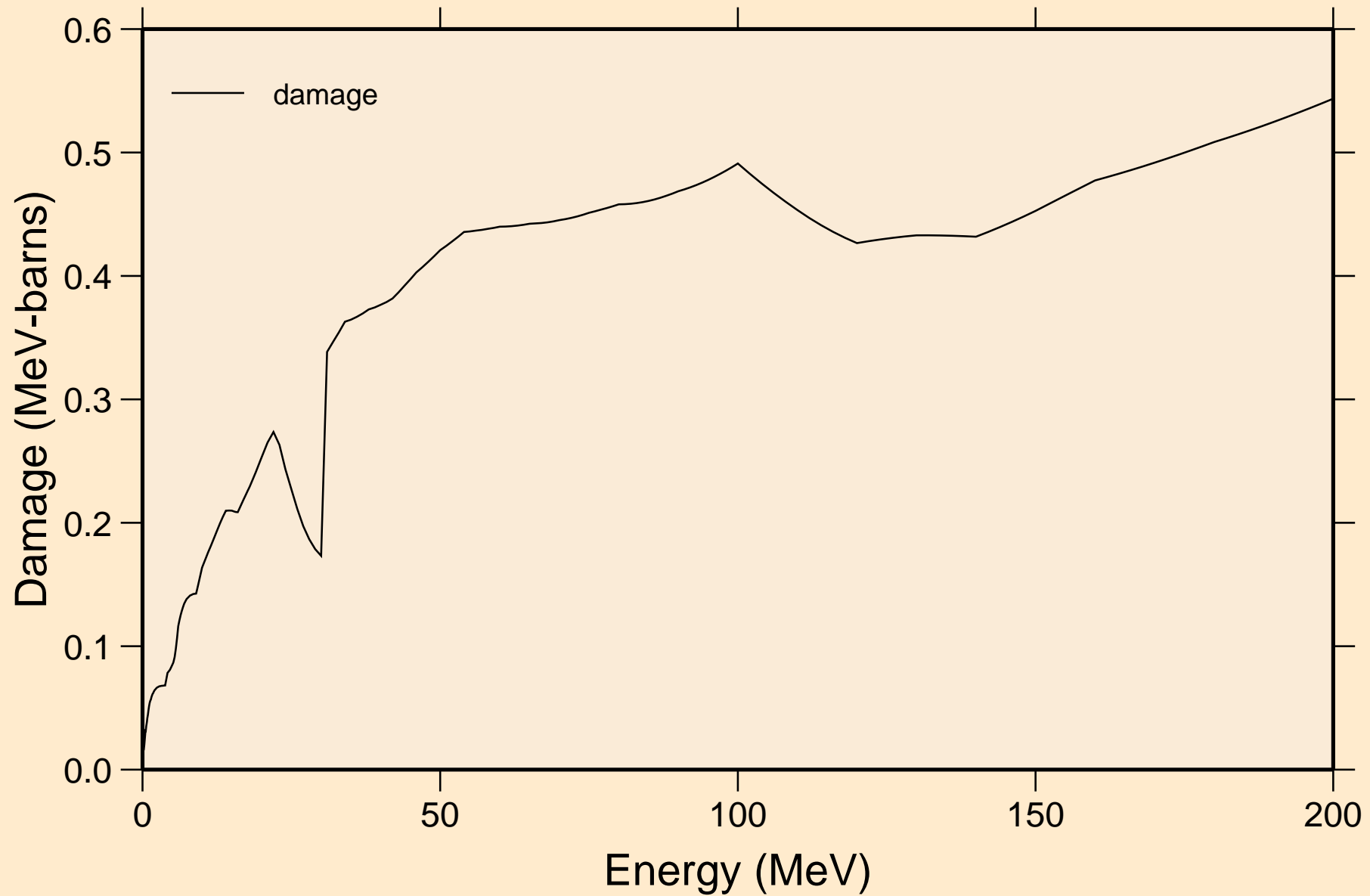
# EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



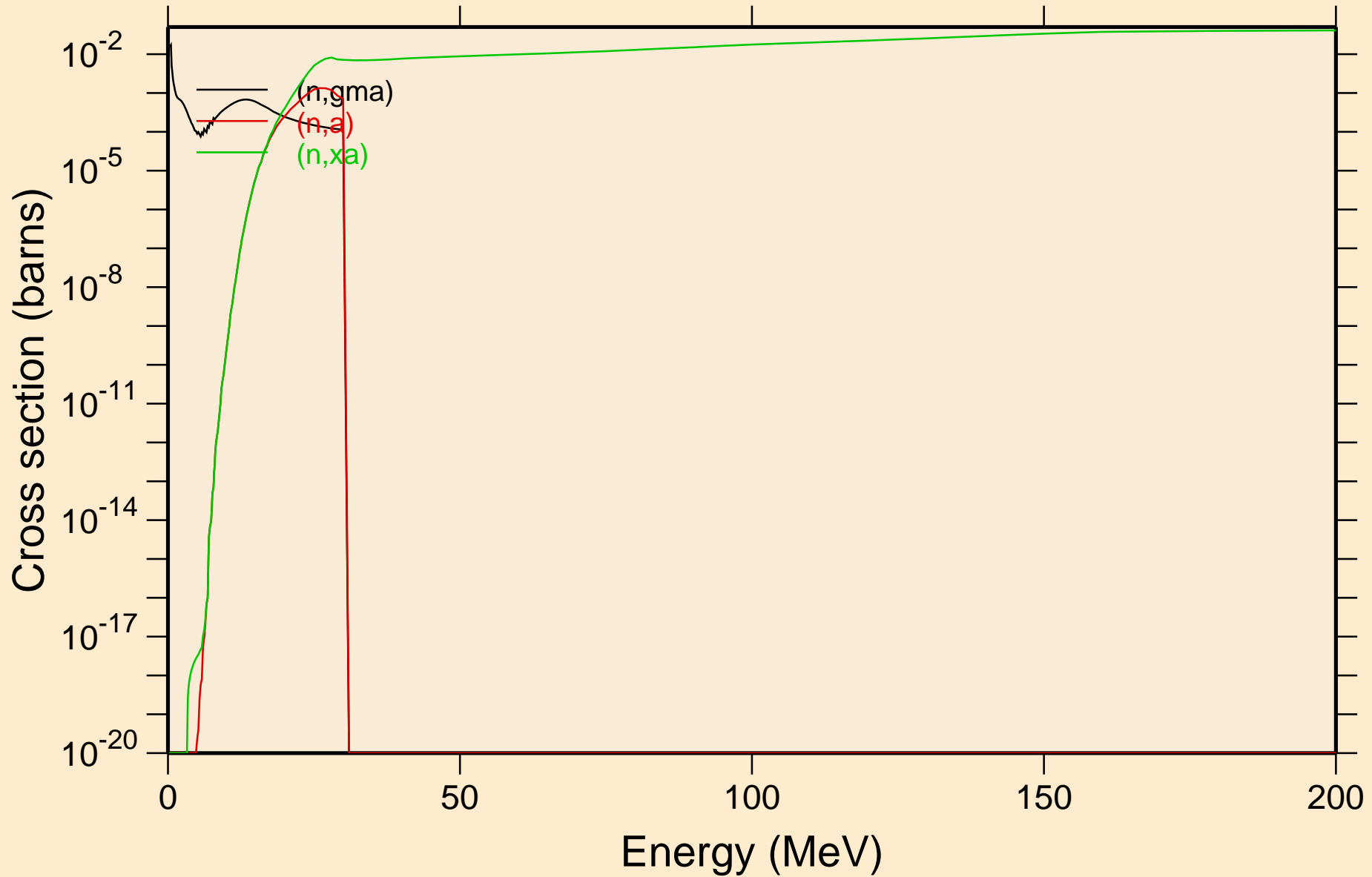
# EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



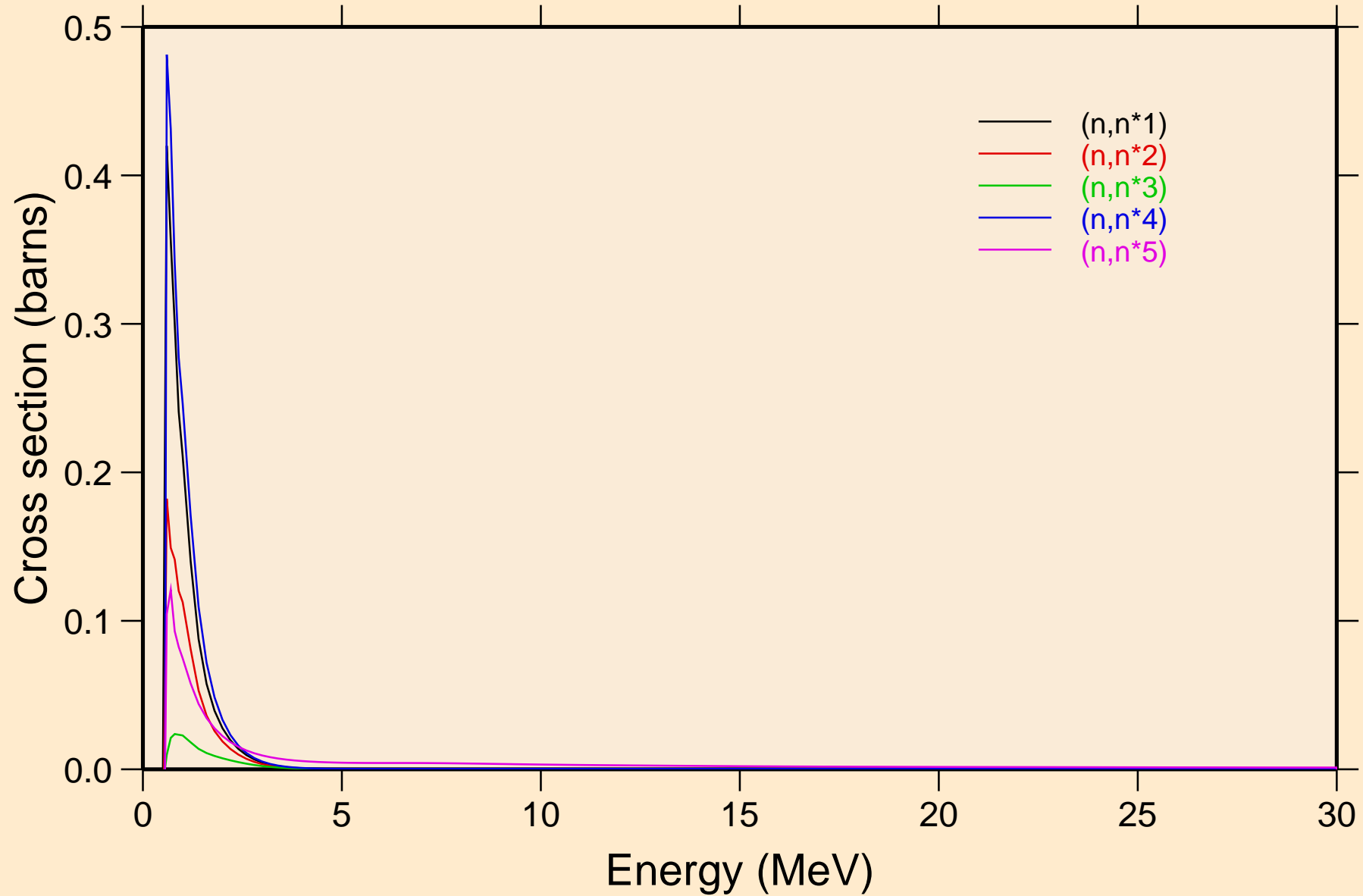
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## Non-threshold reactions

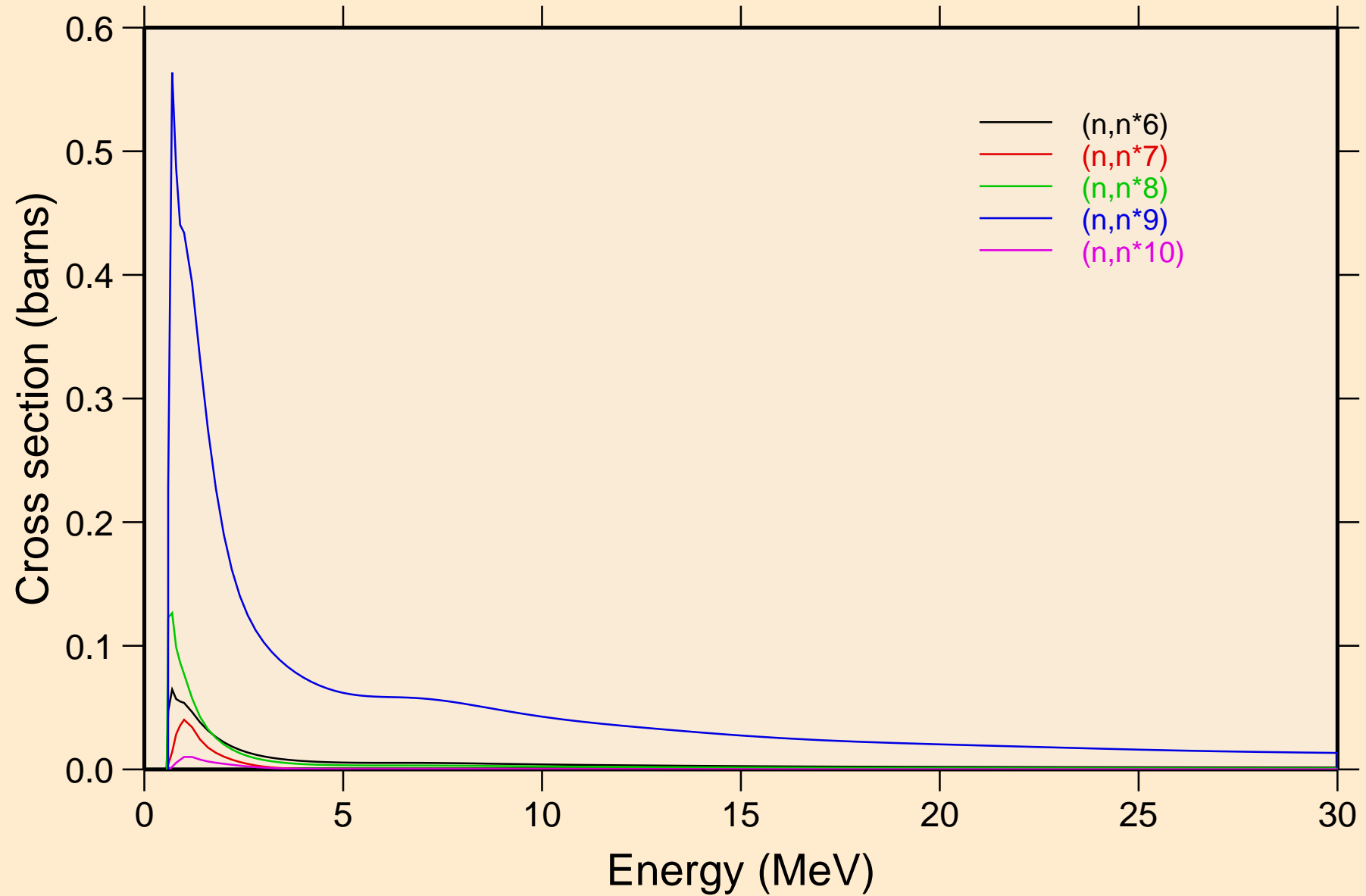




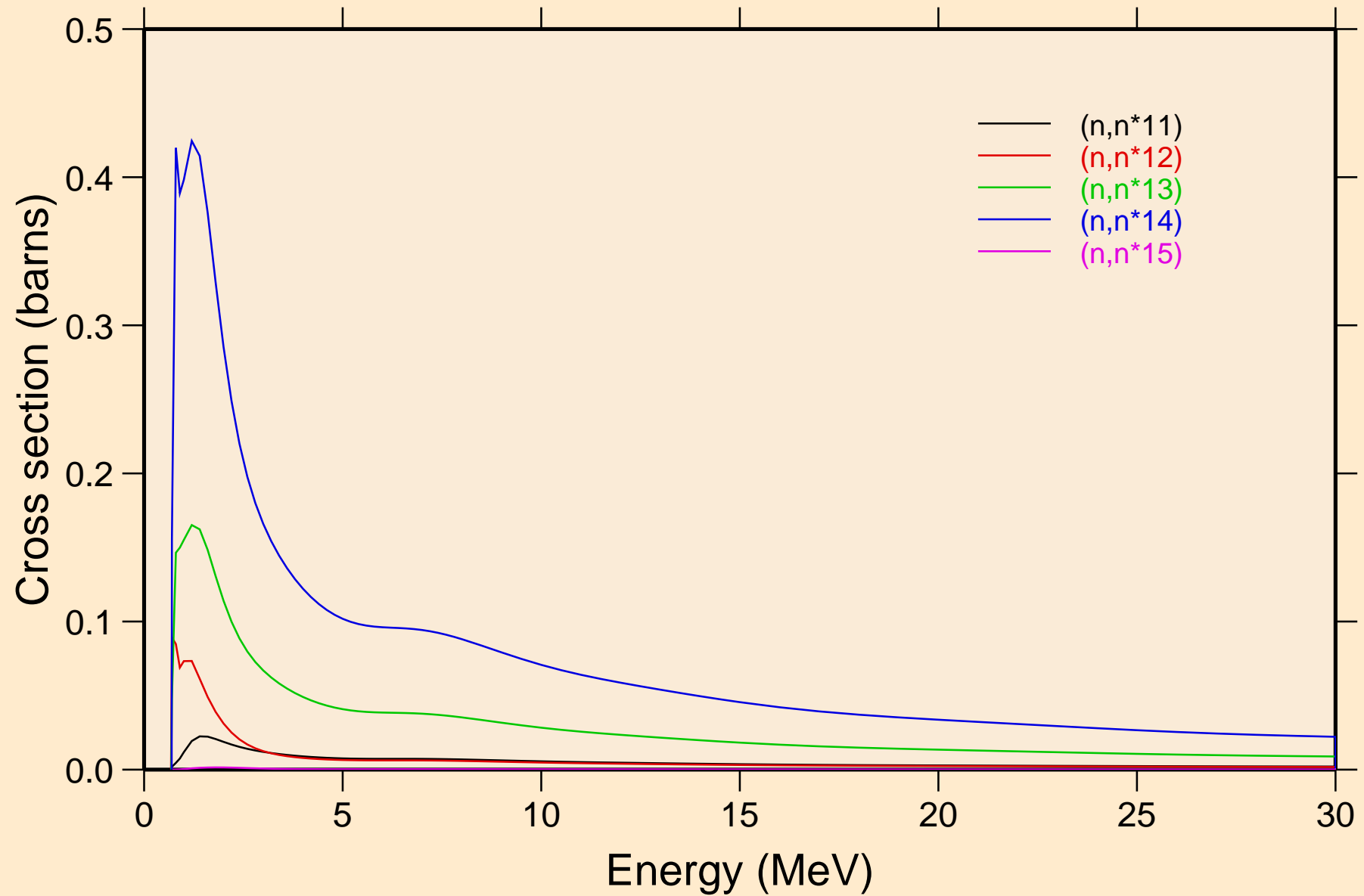
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

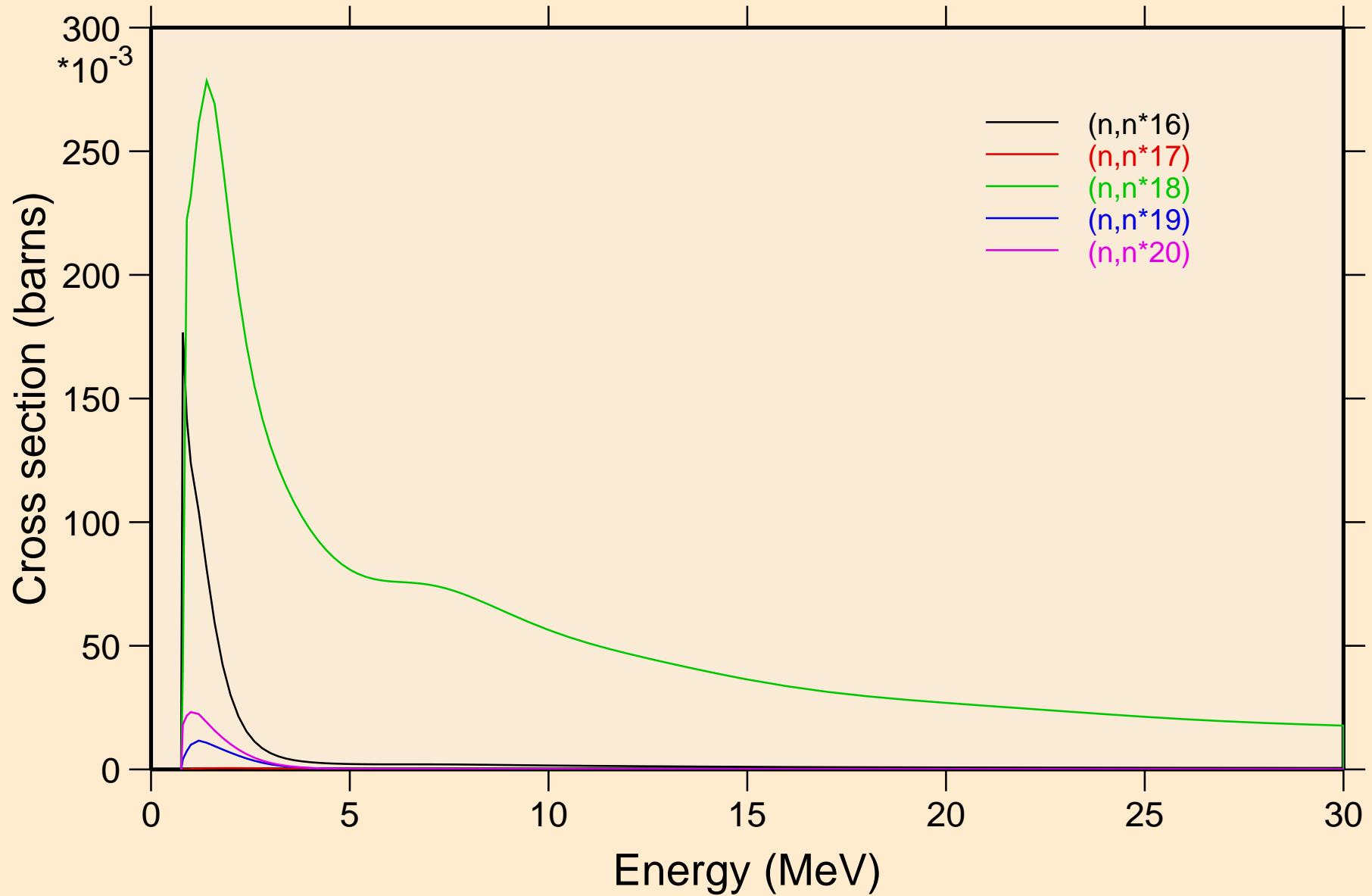


EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

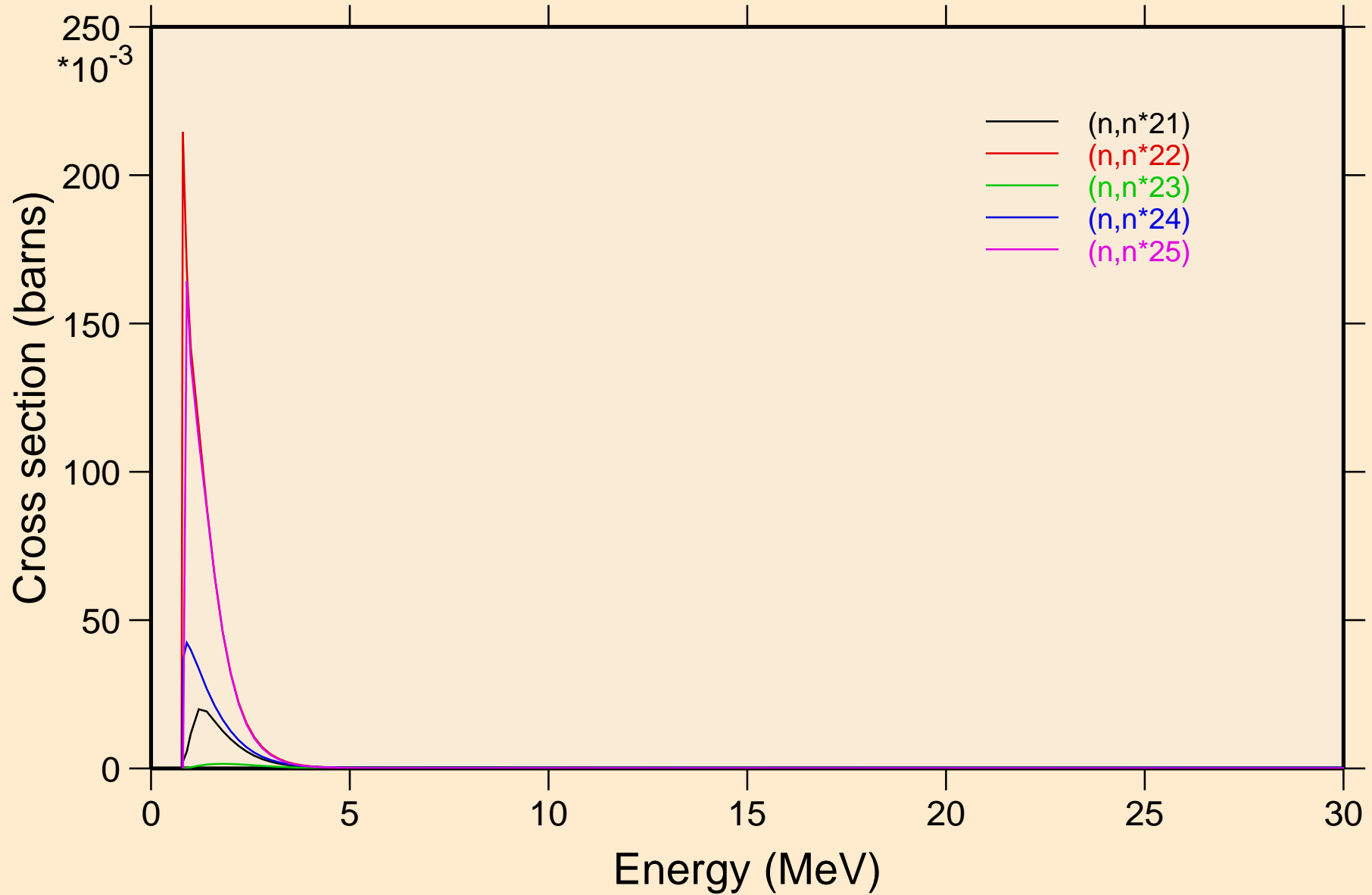


# EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

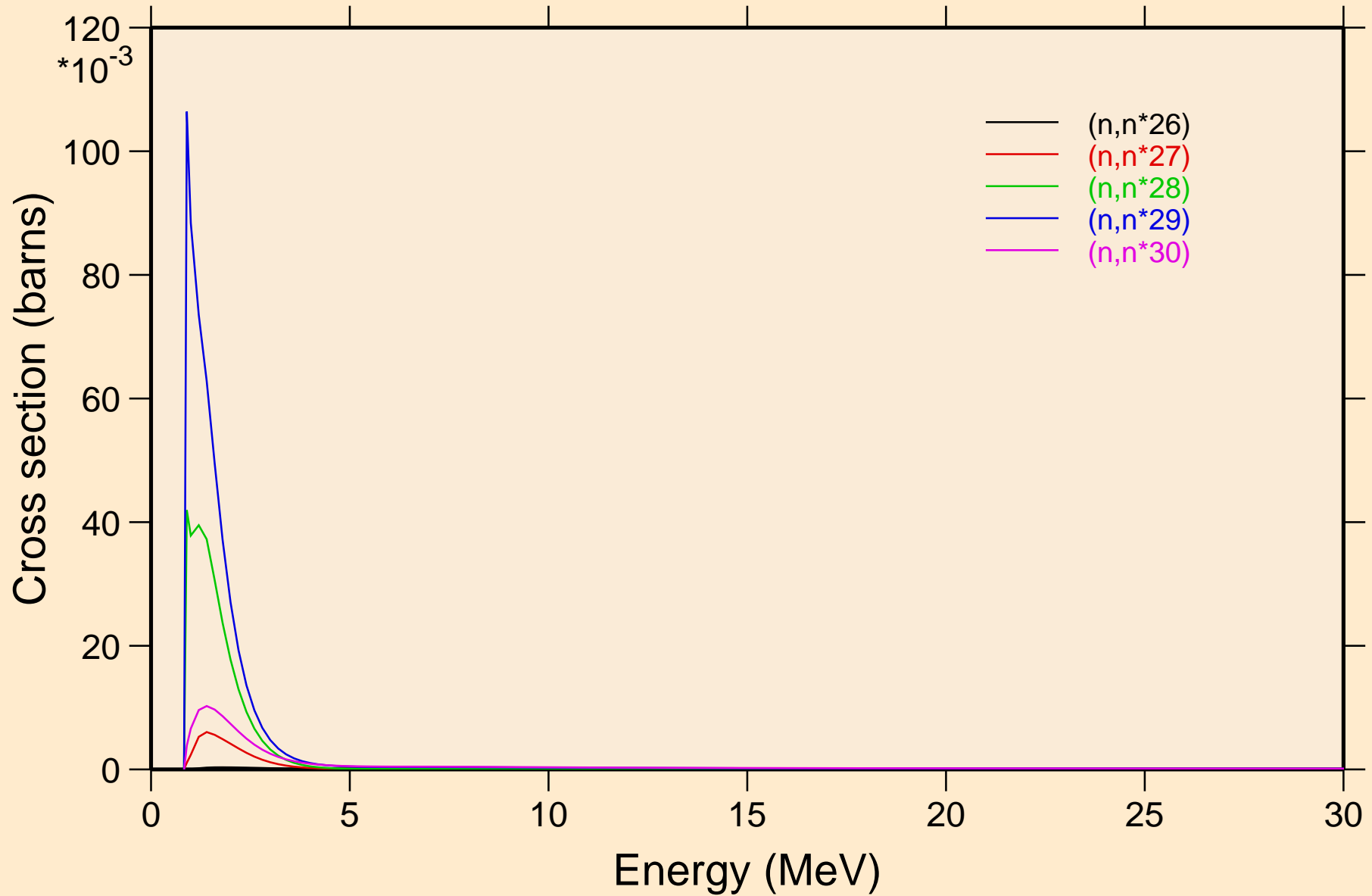
## Inelastic levels



EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

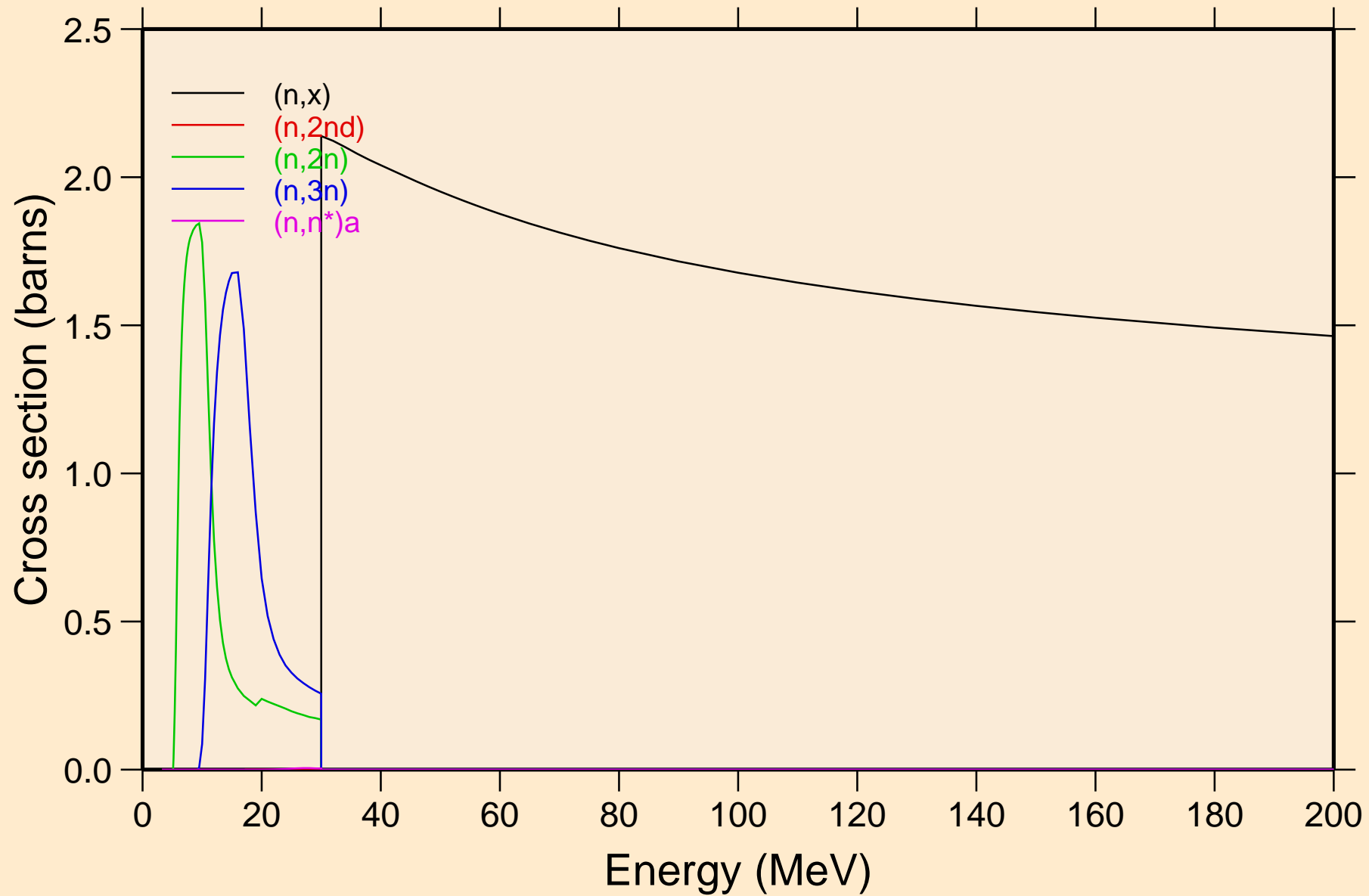


EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



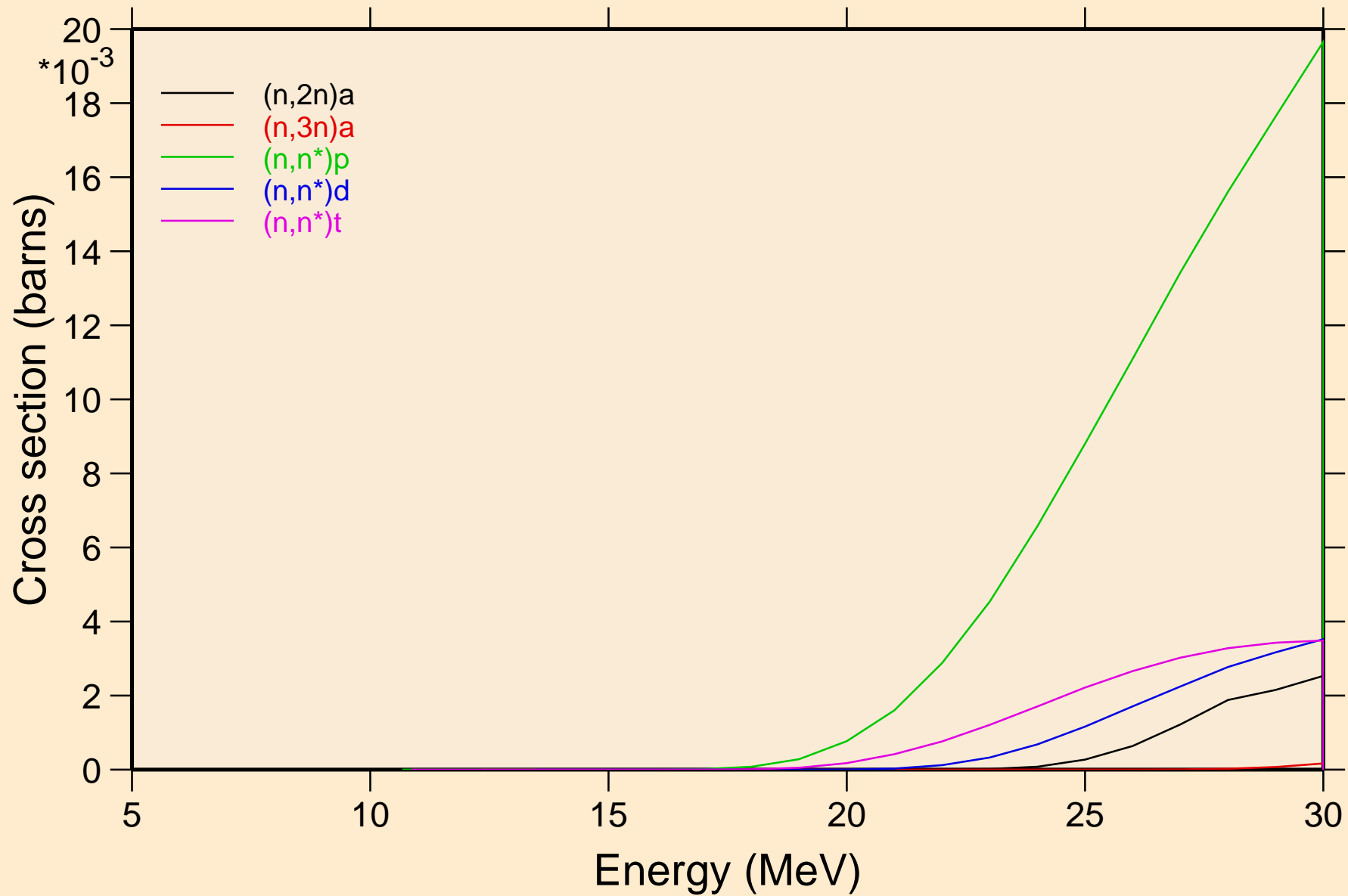
# EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



# EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

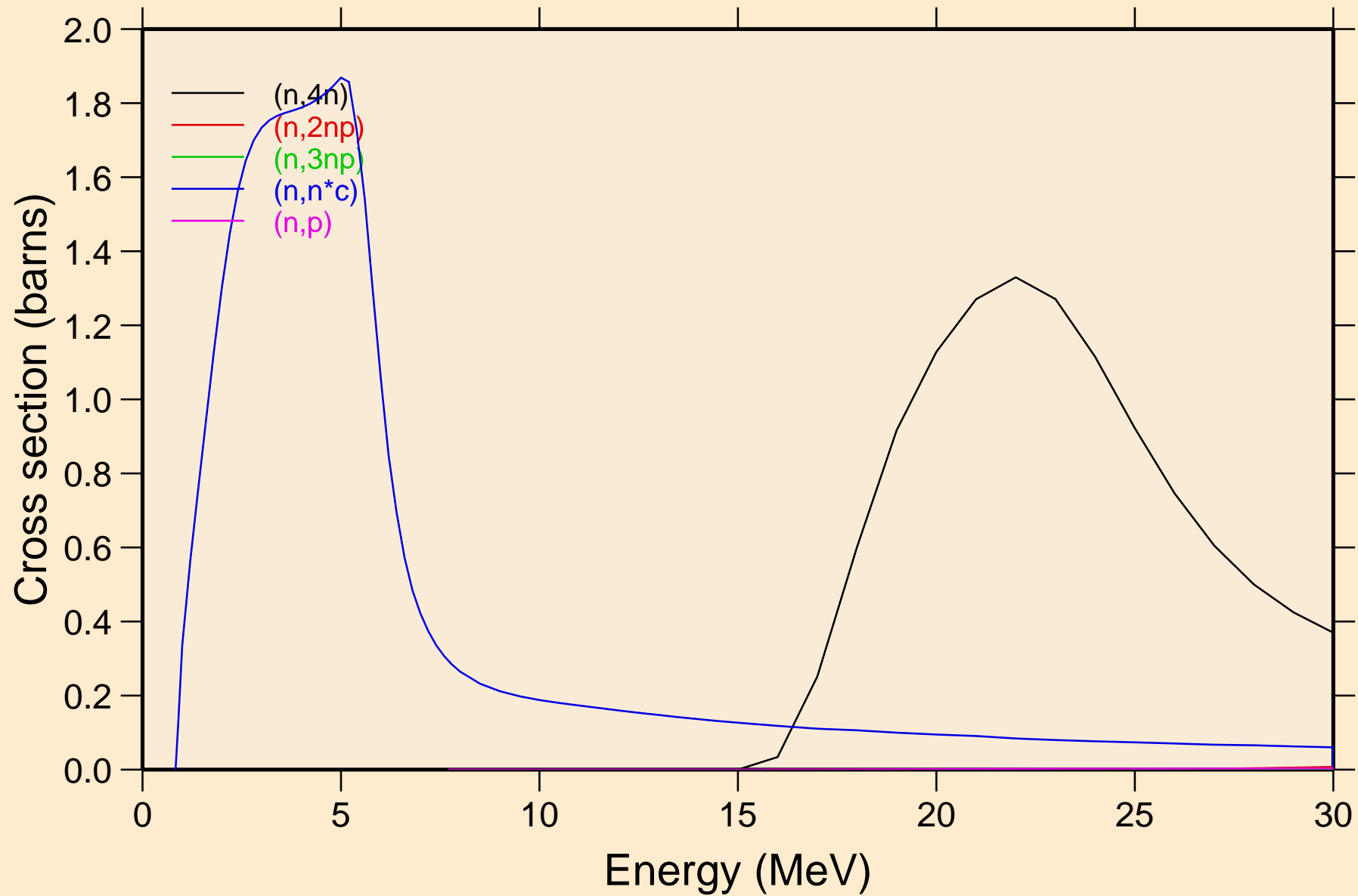
## Threshold reactions





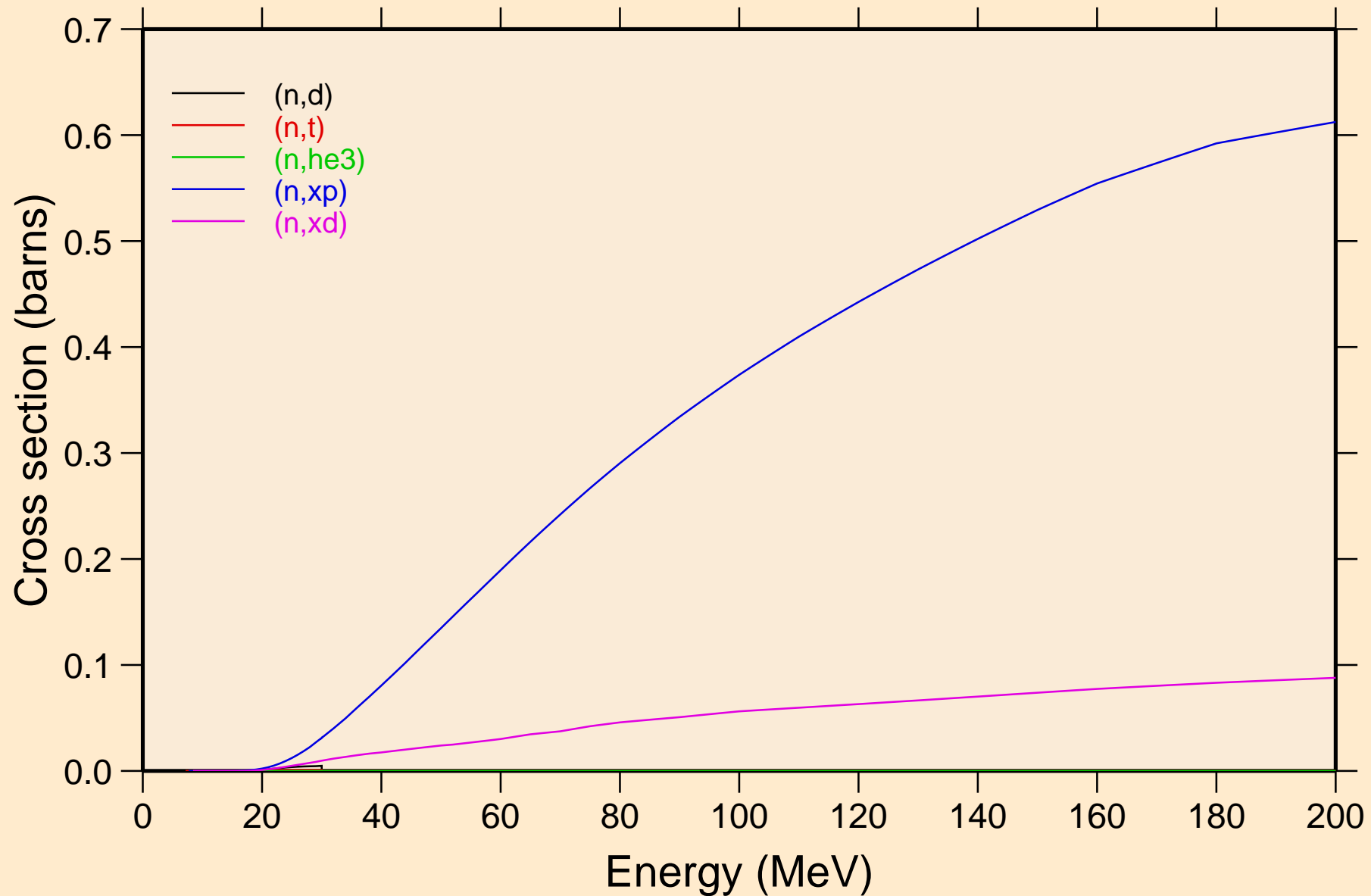
# EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



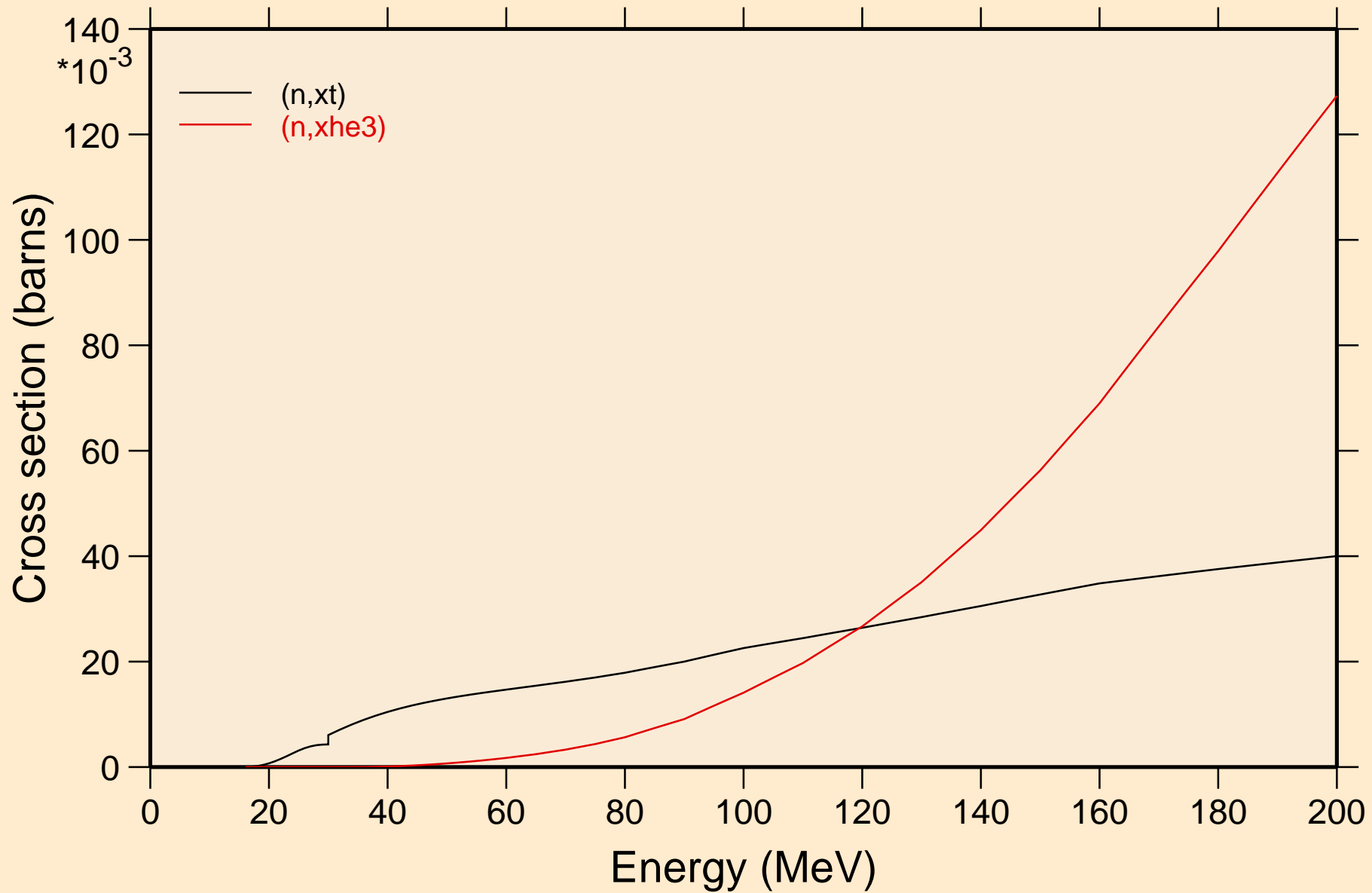
# EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

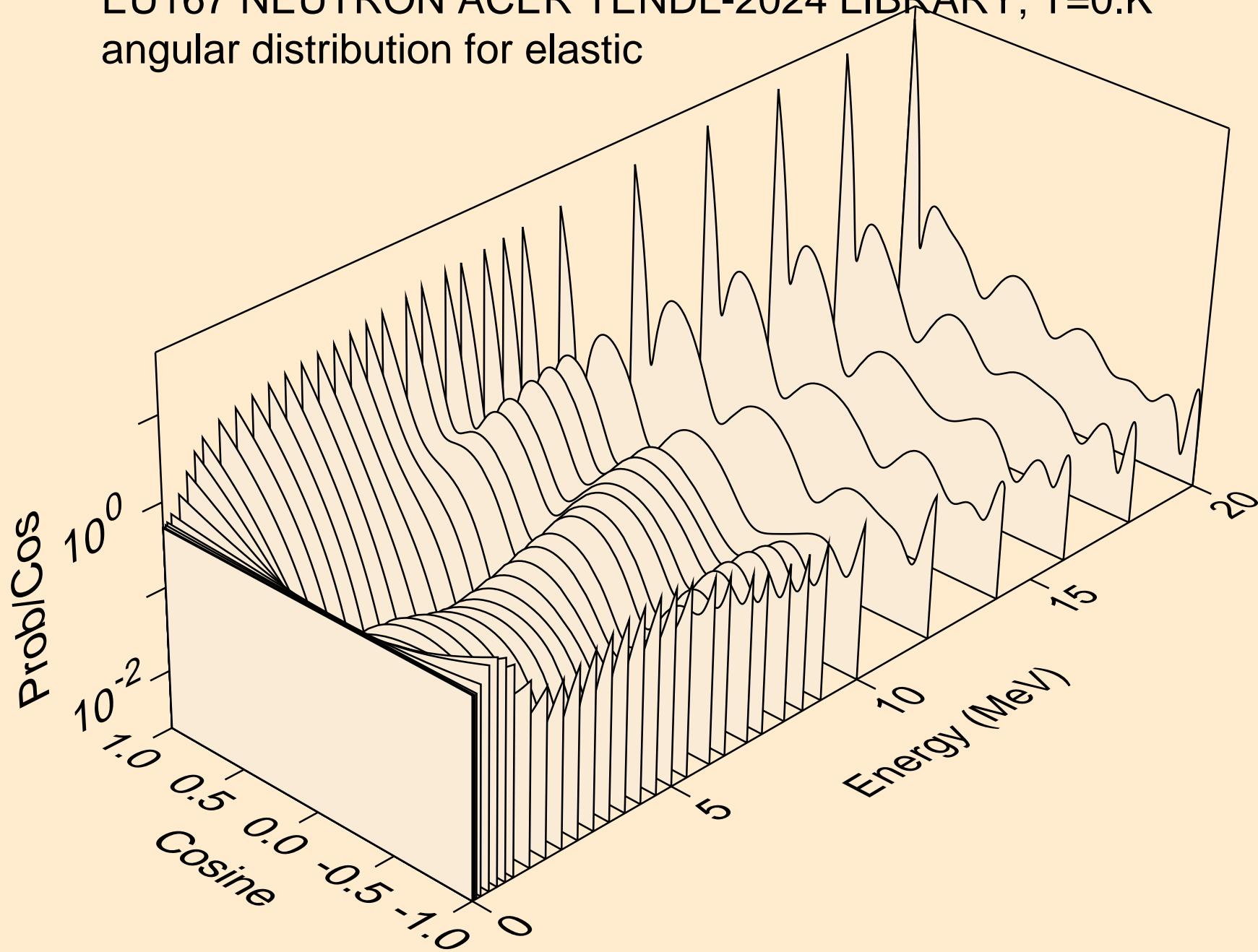


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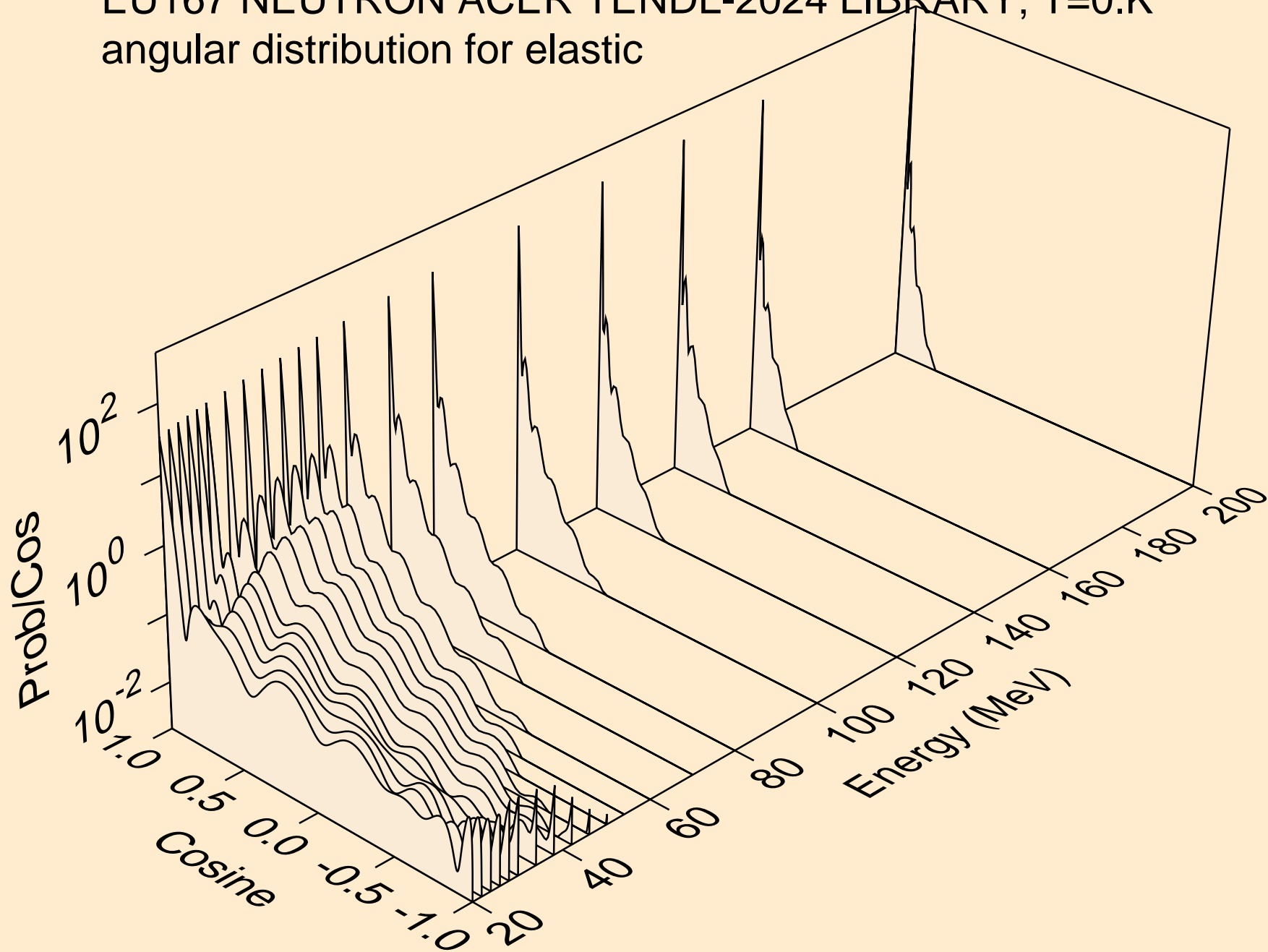
## Threshold reactions



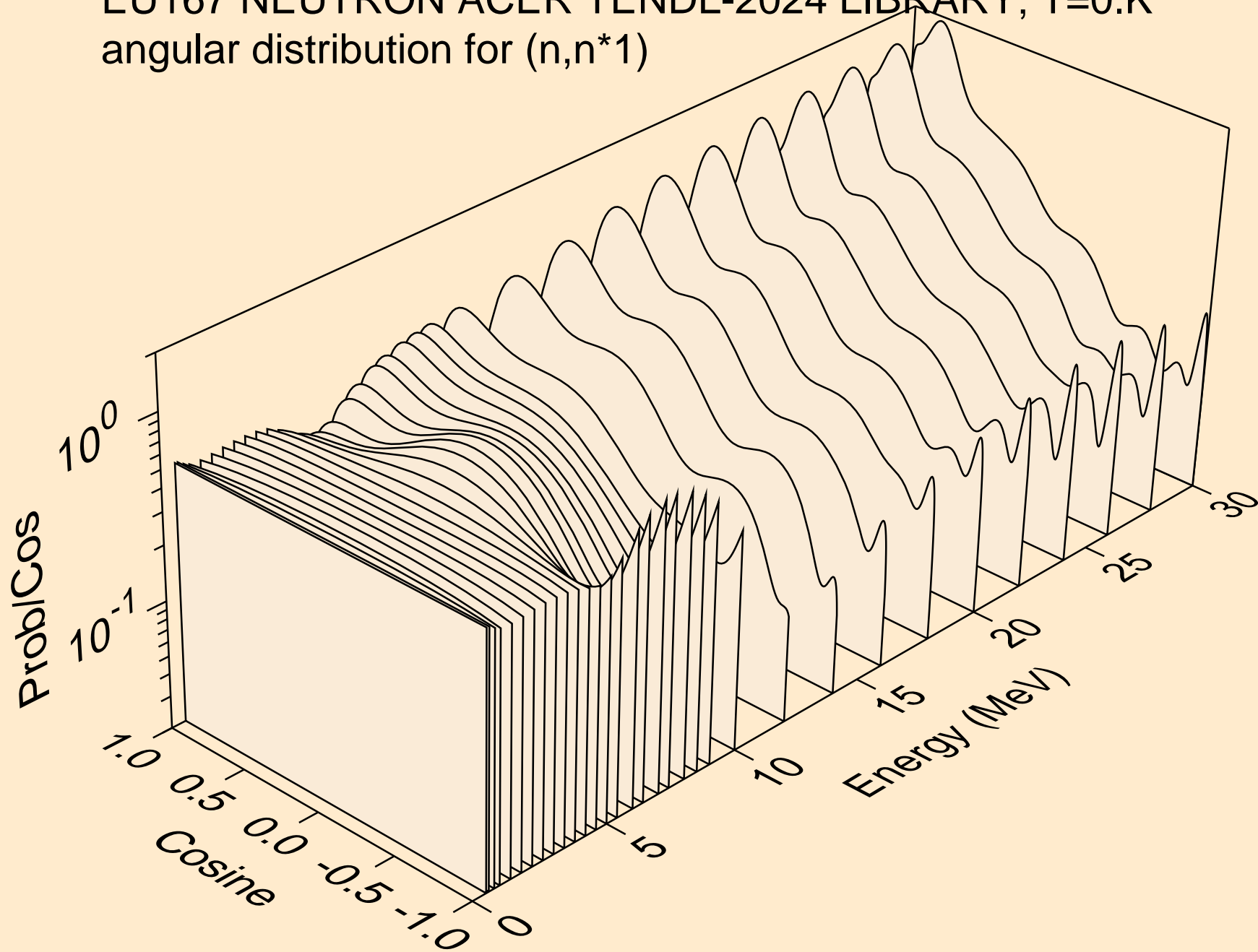
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



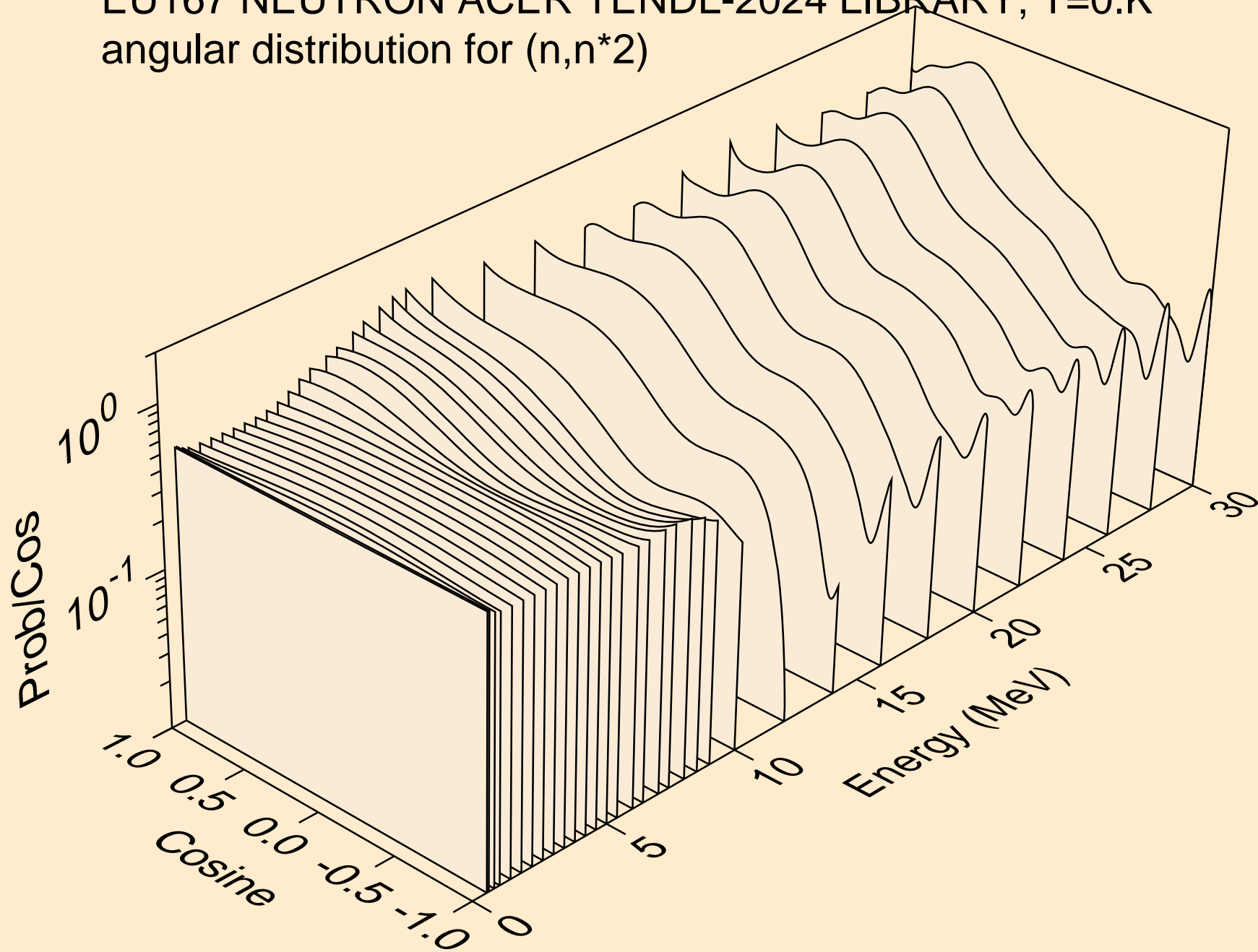
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



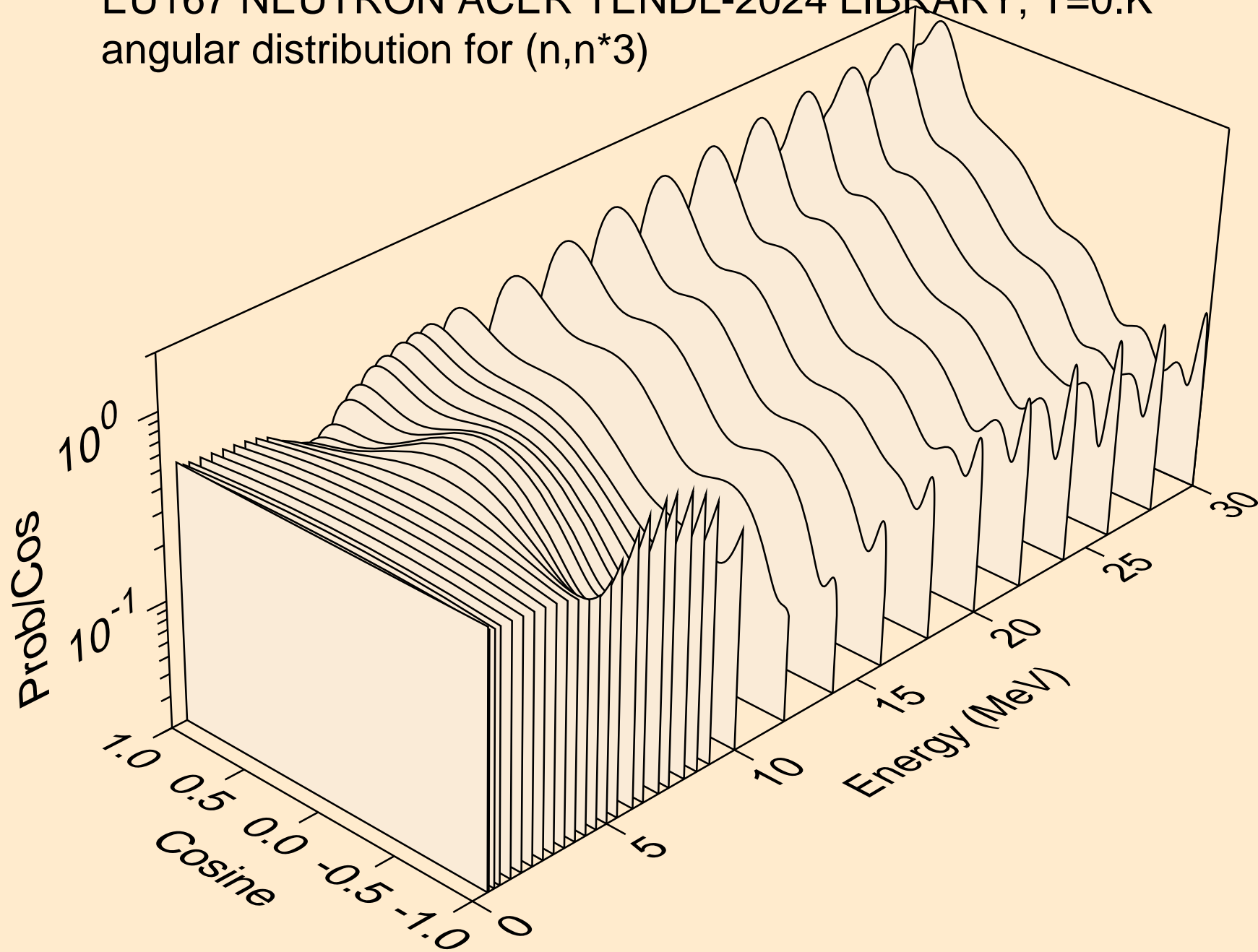
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

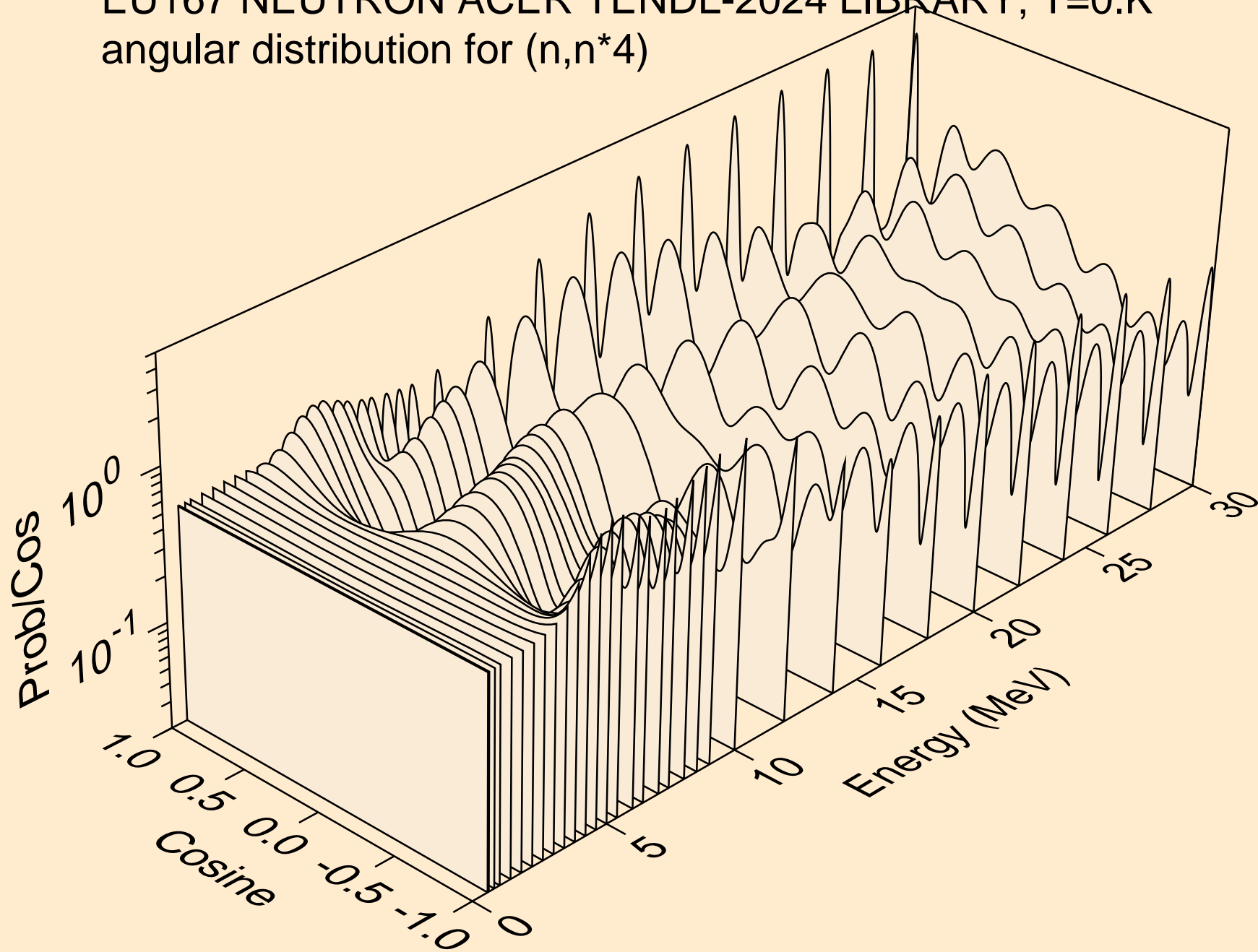


EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

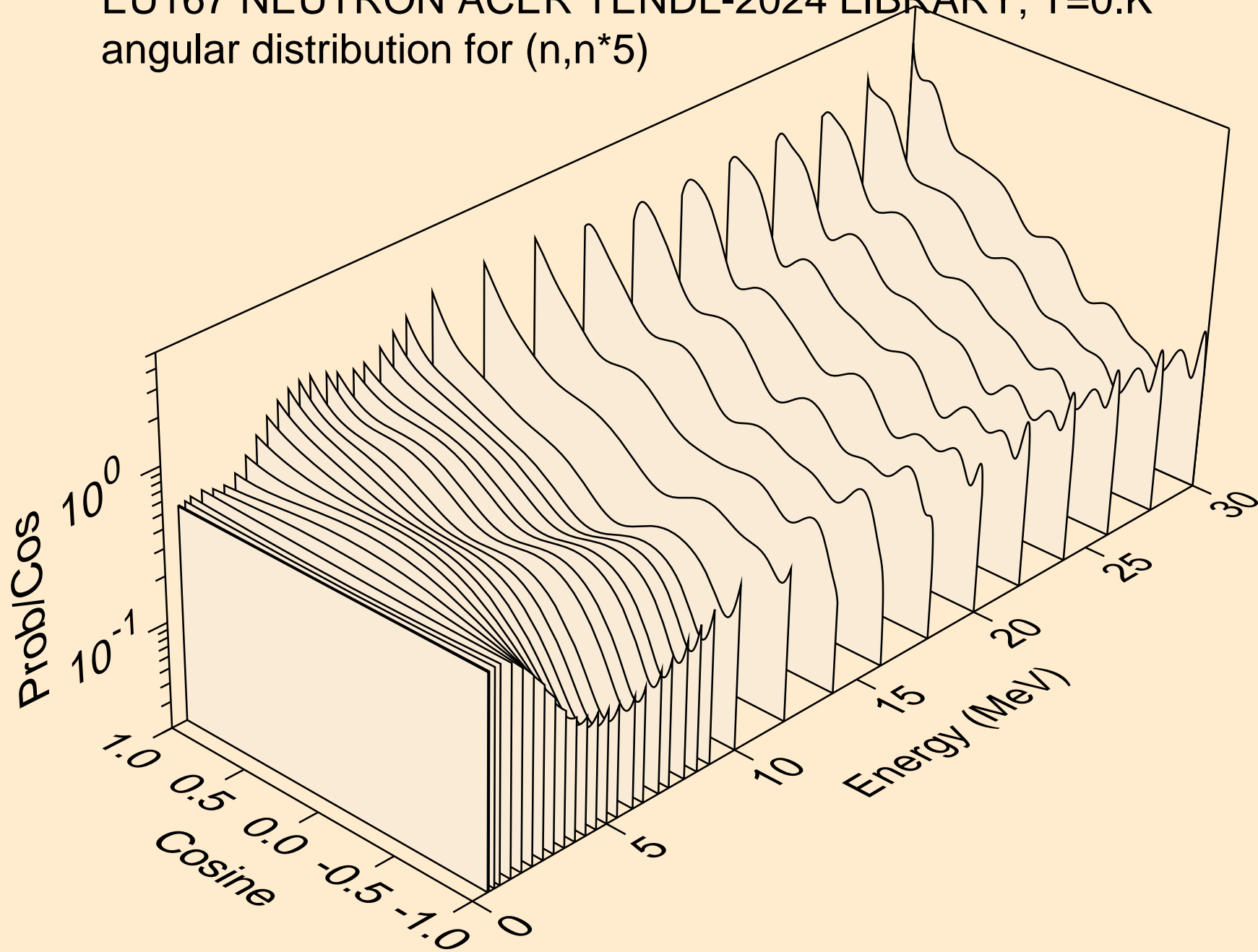




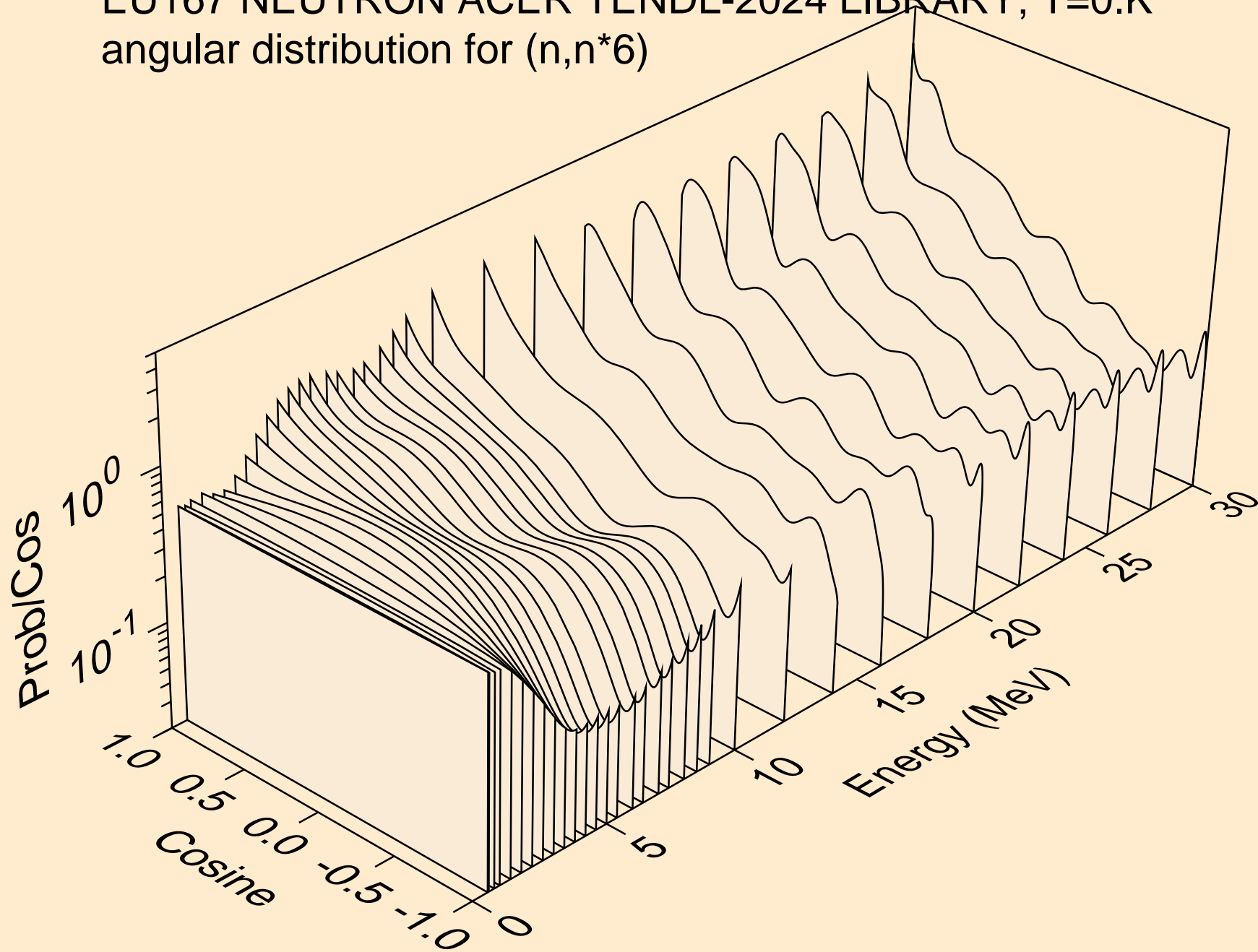
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



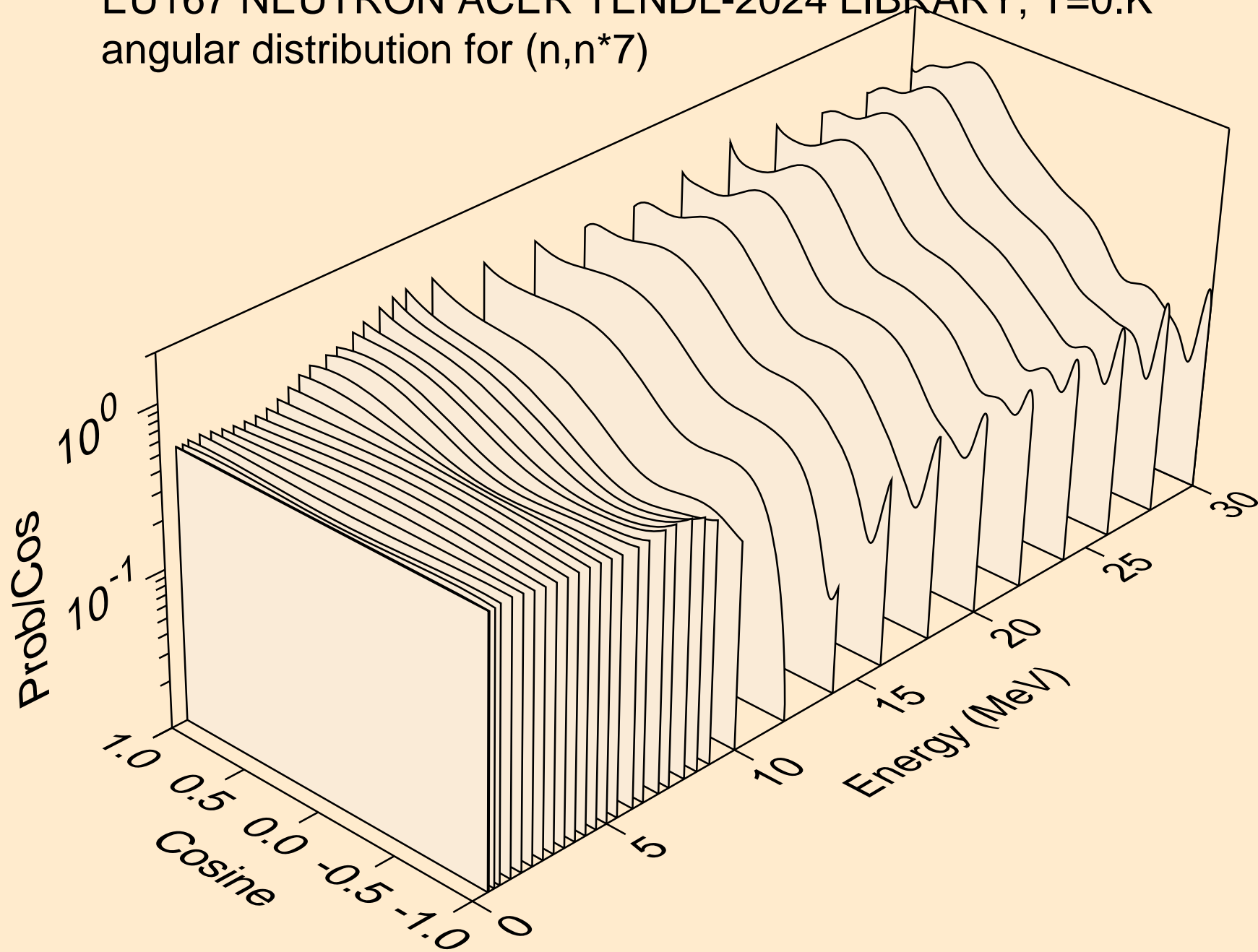
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



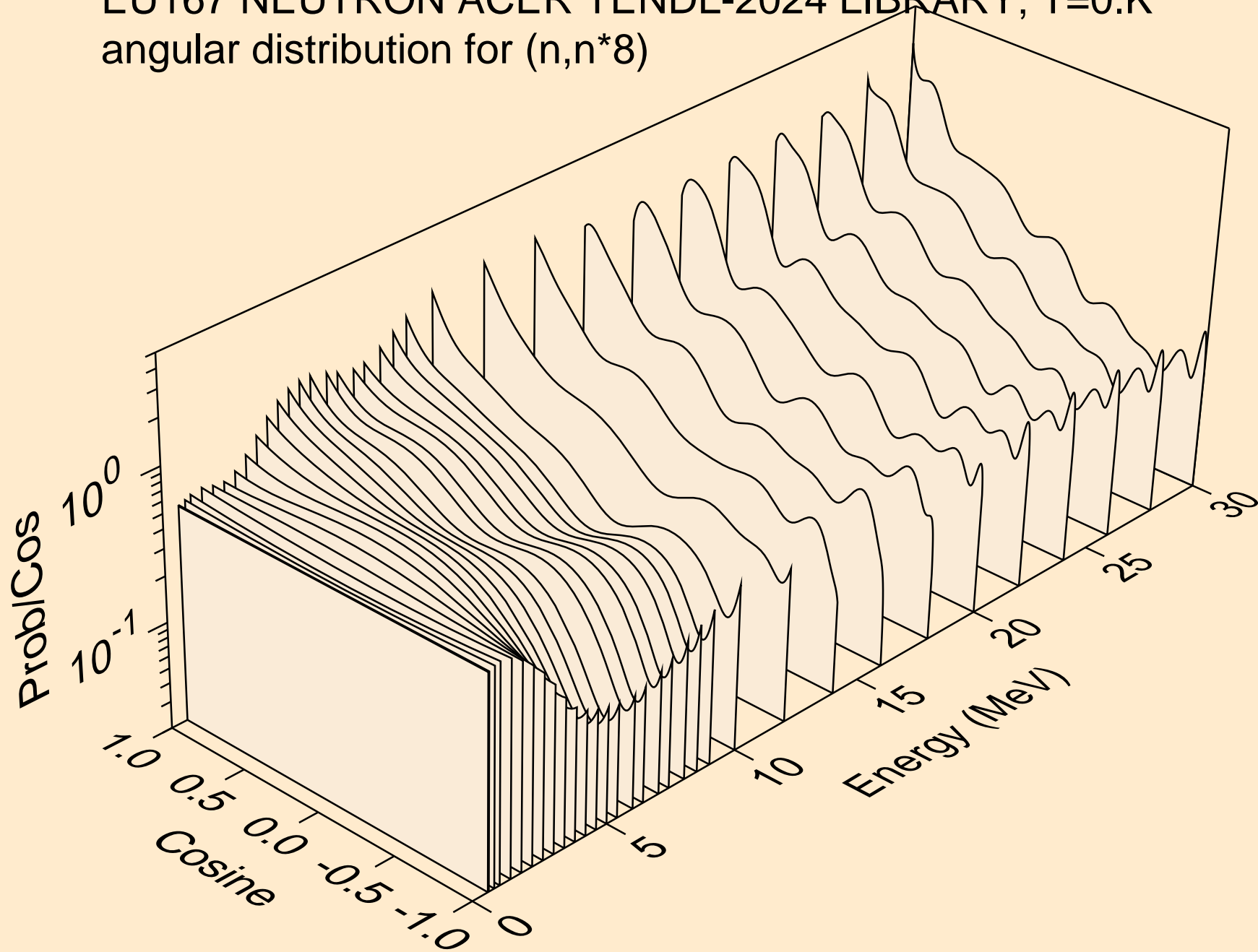
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



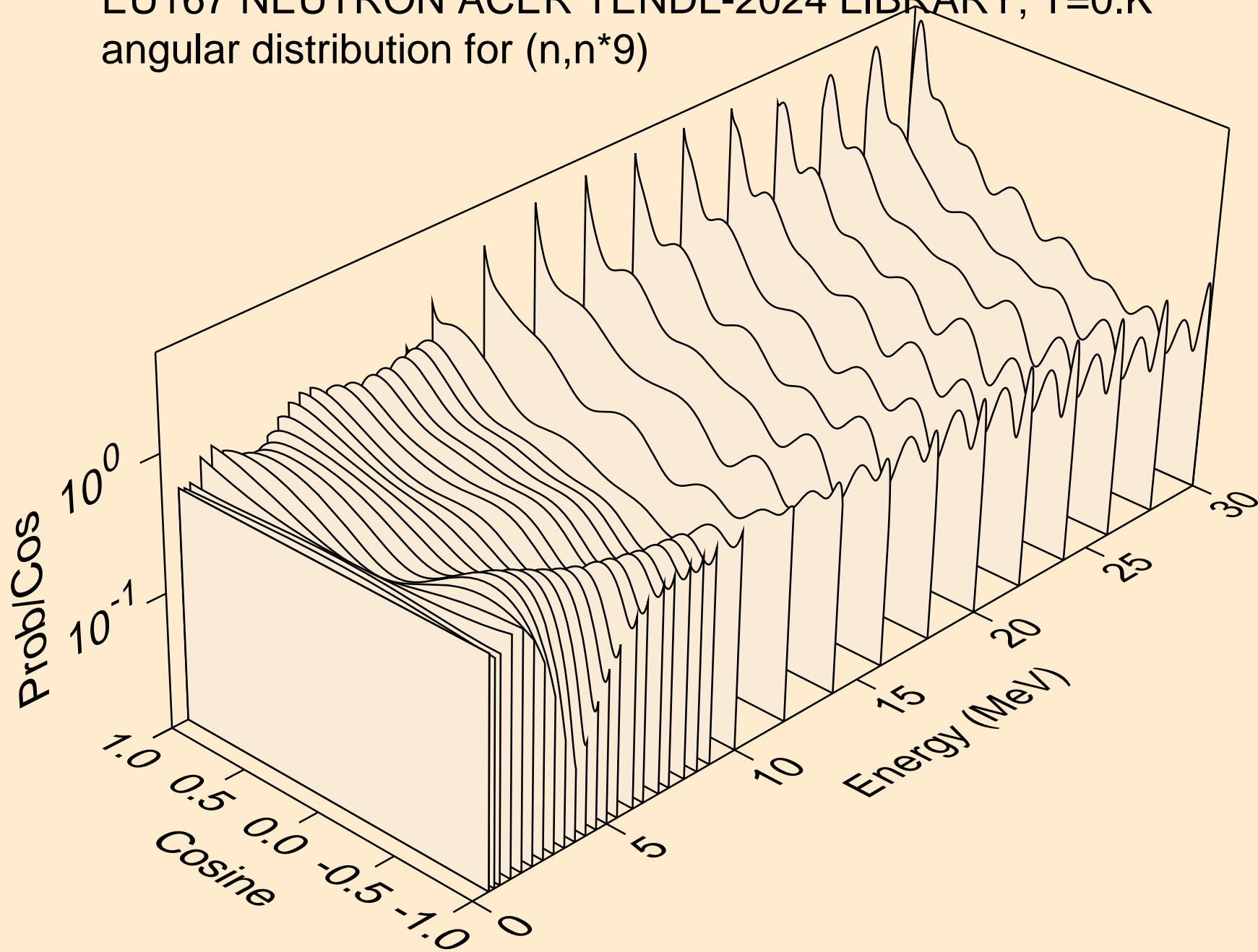
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



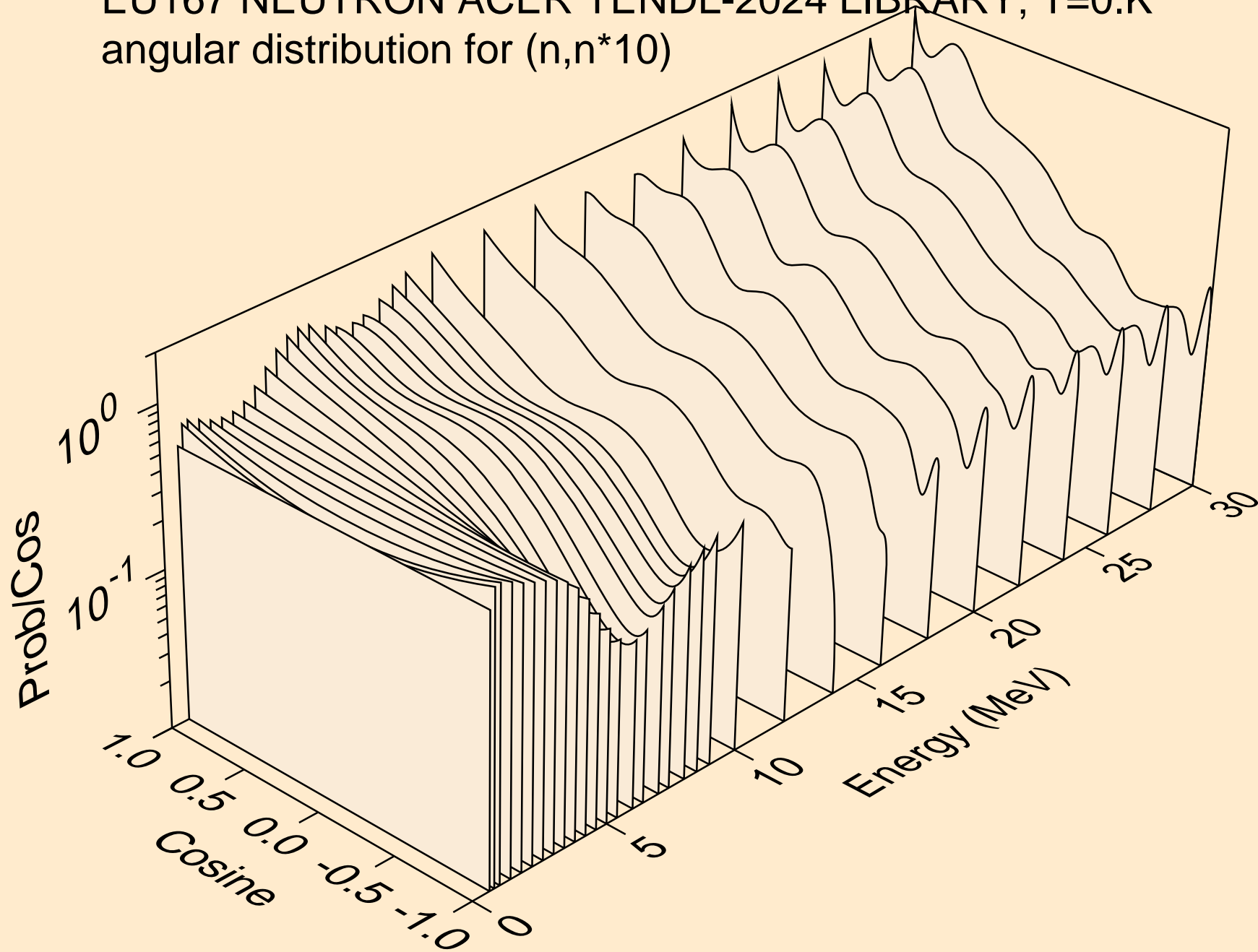
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

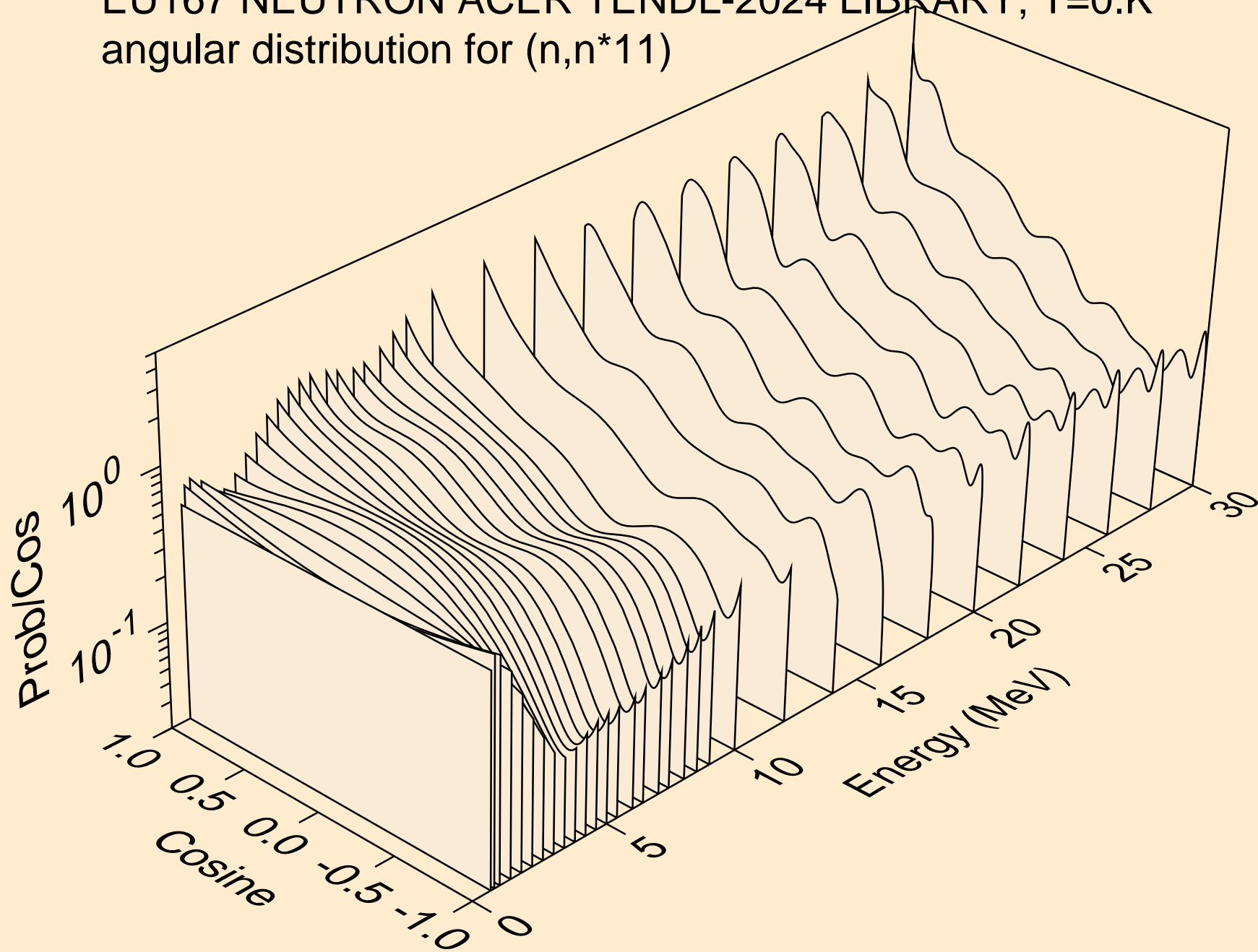


EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



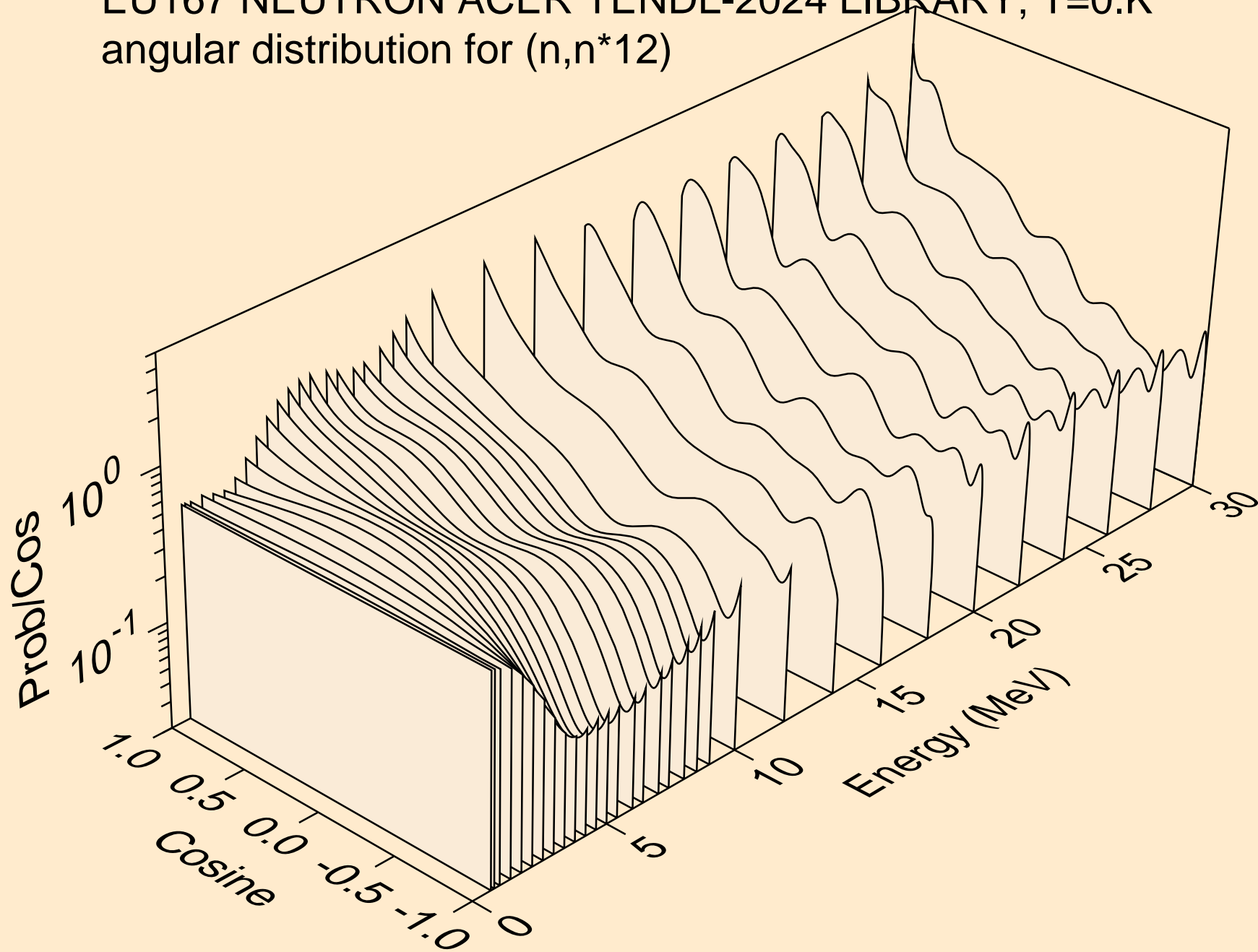


EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

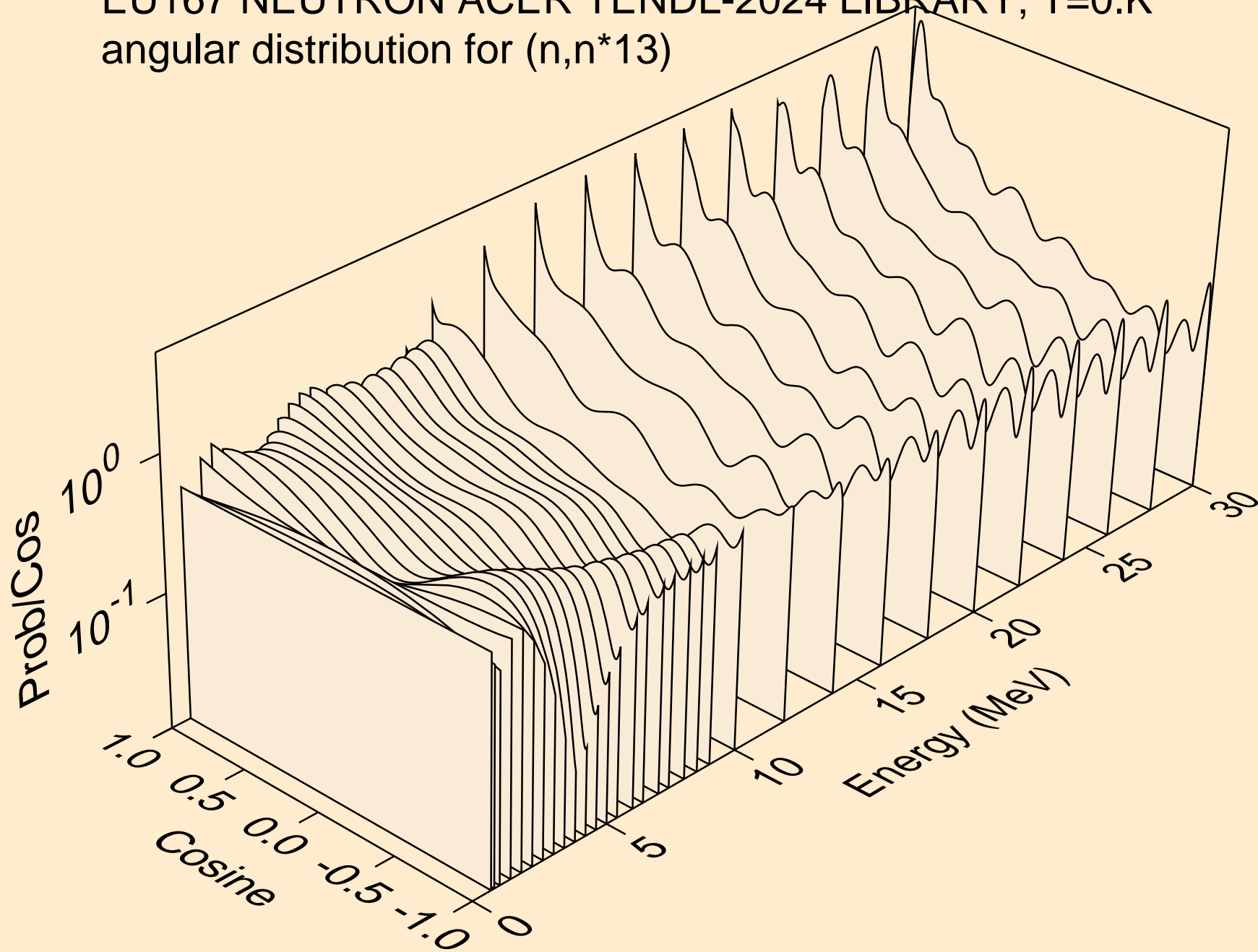




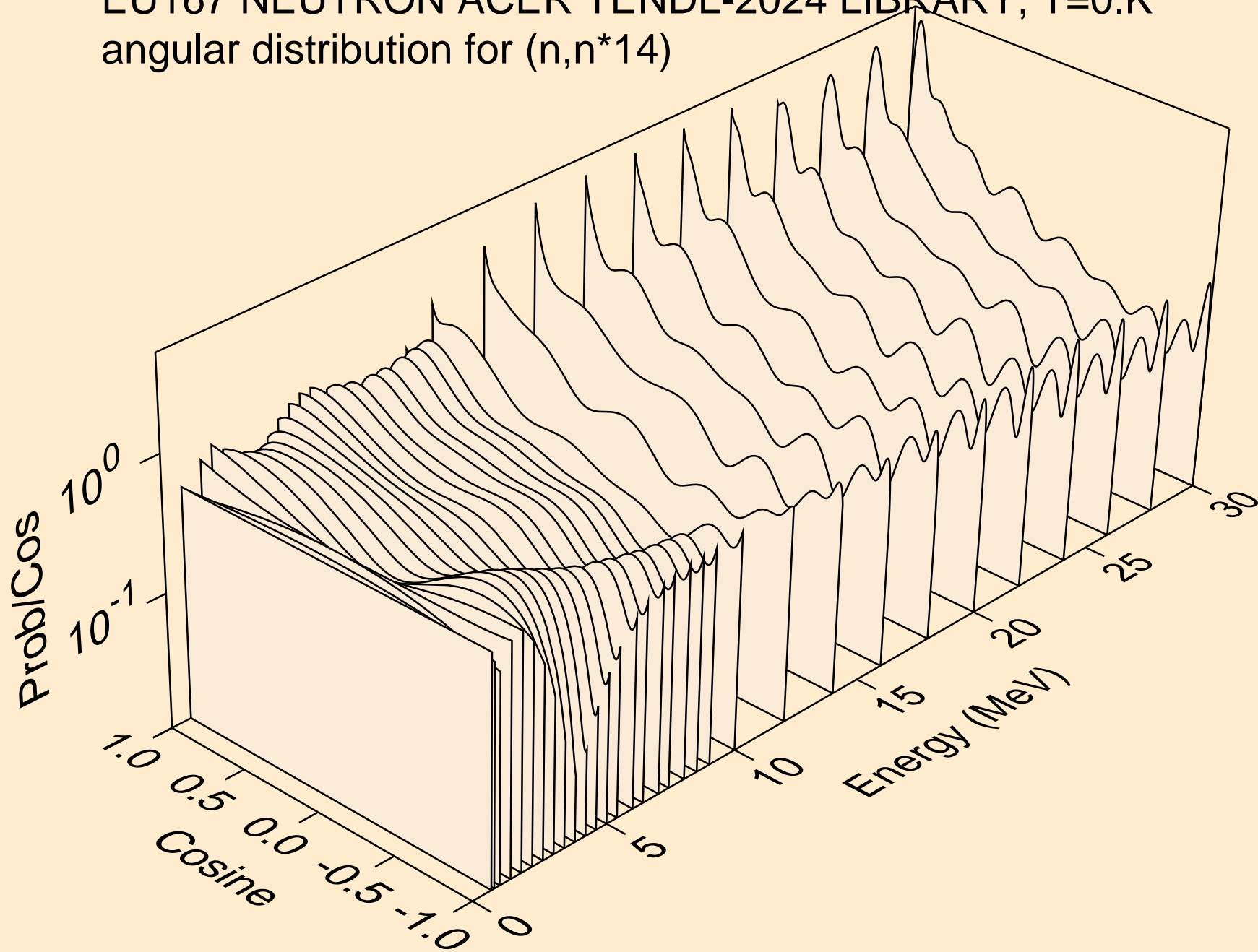
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angular distribution for (n,n\*12)



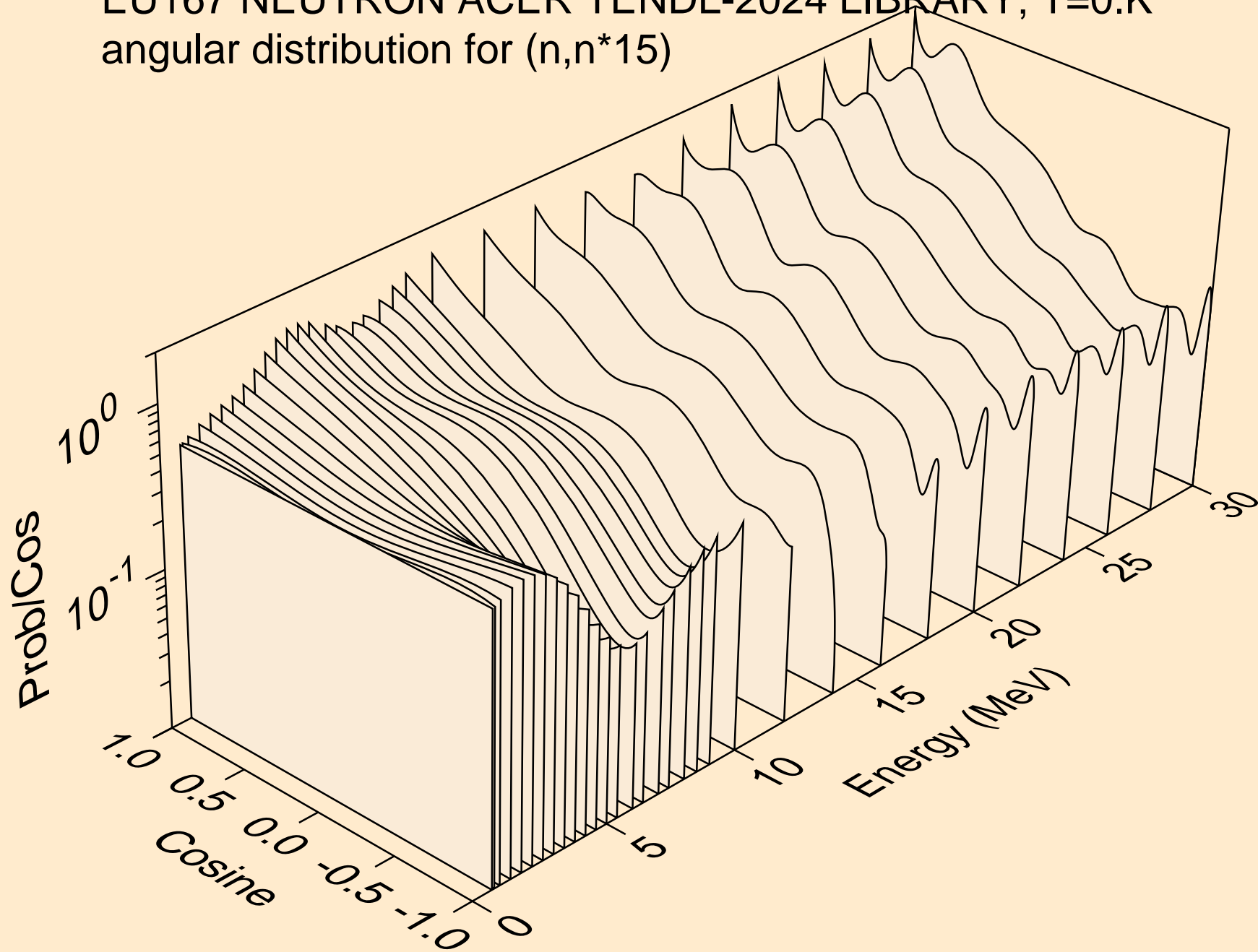
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



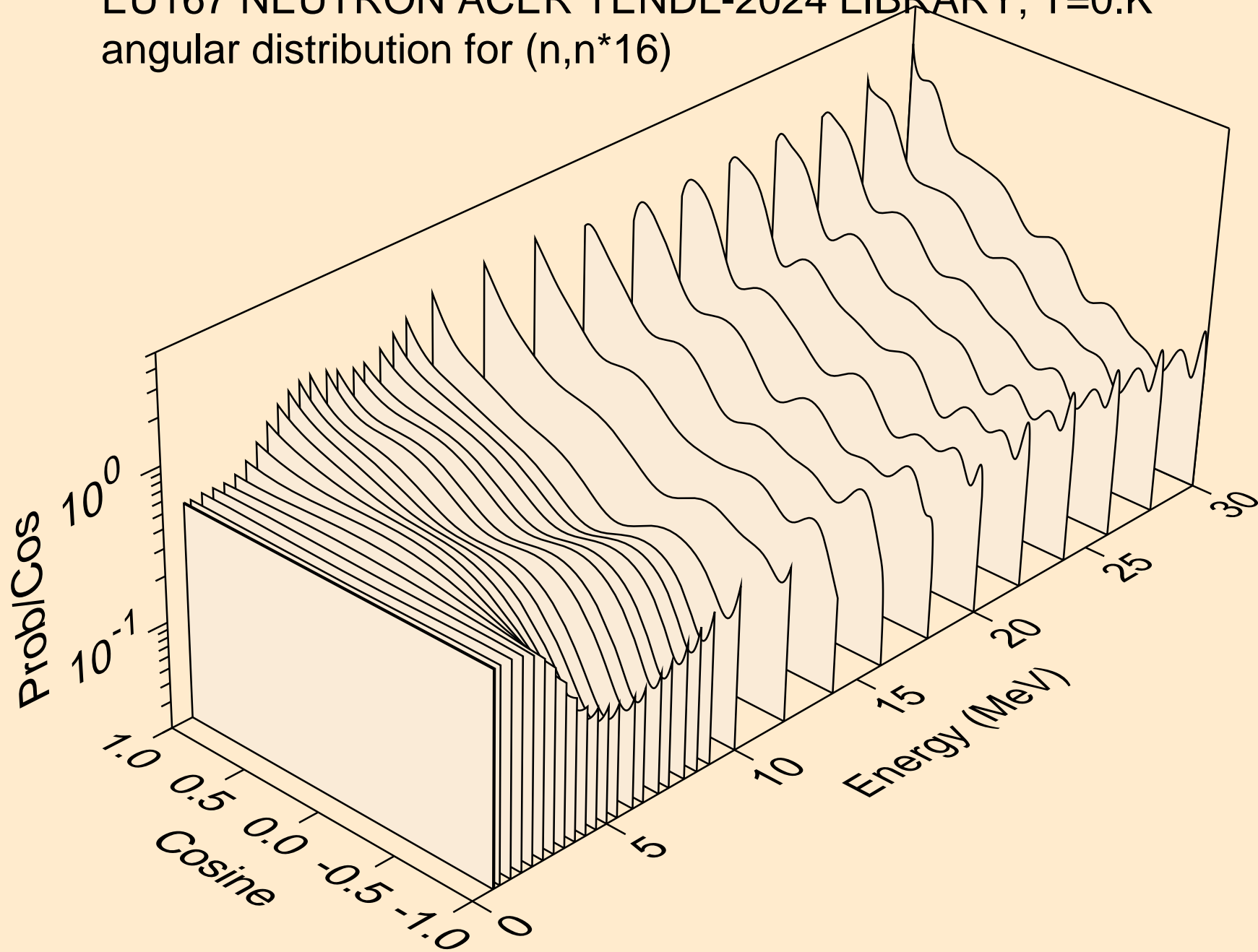
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angular distribution for (n,n\*14)



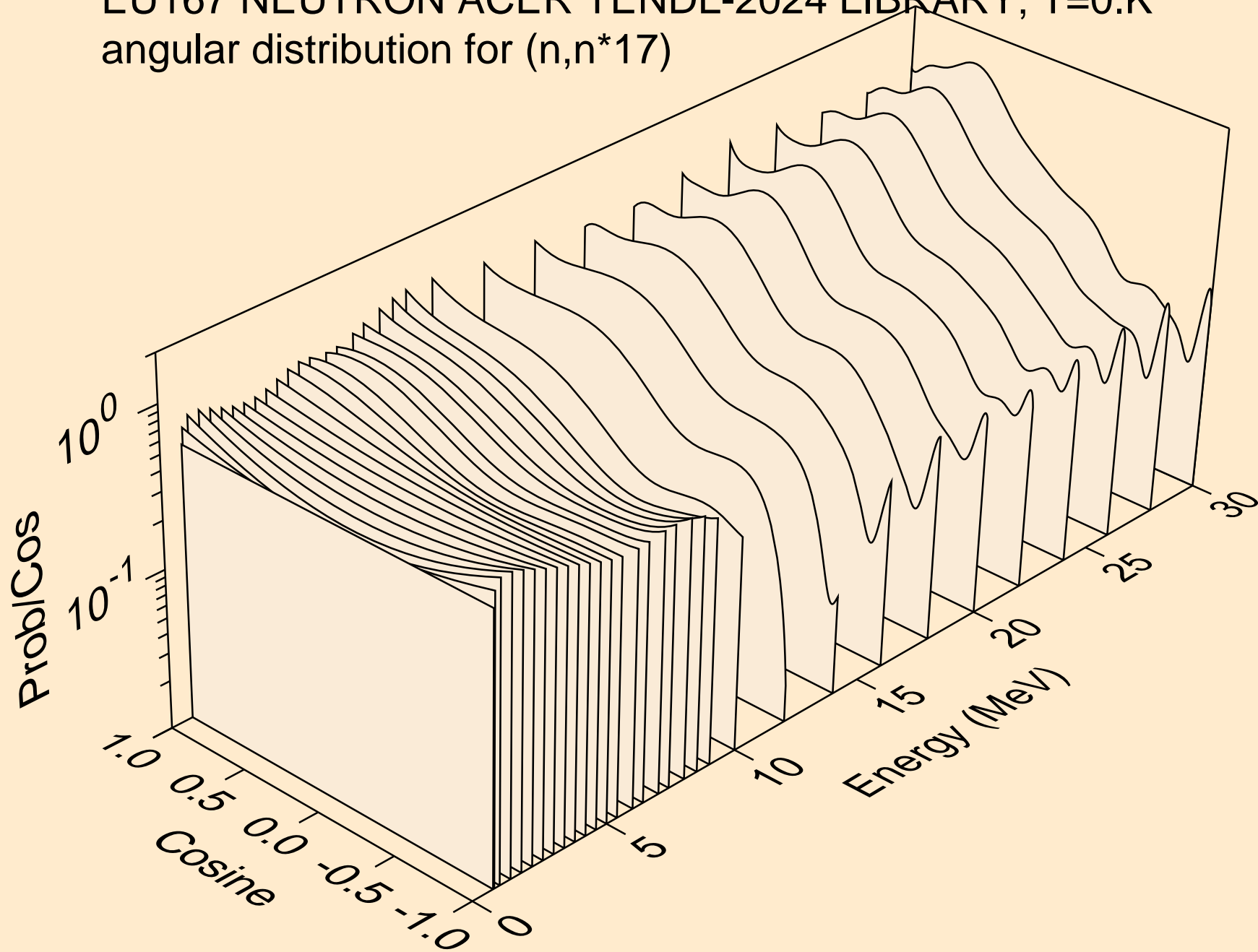
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angular distribution for (n,n\*15)



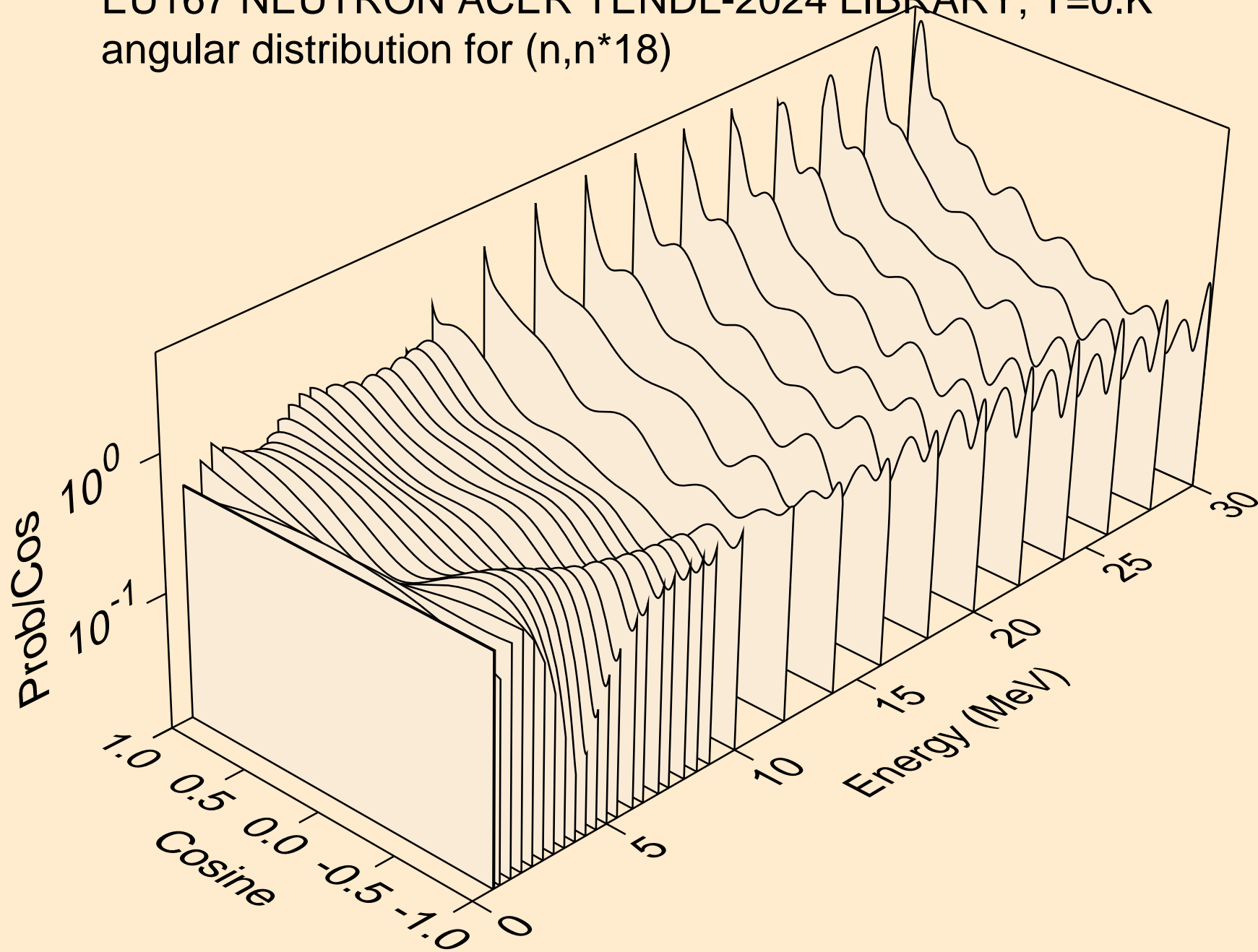
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



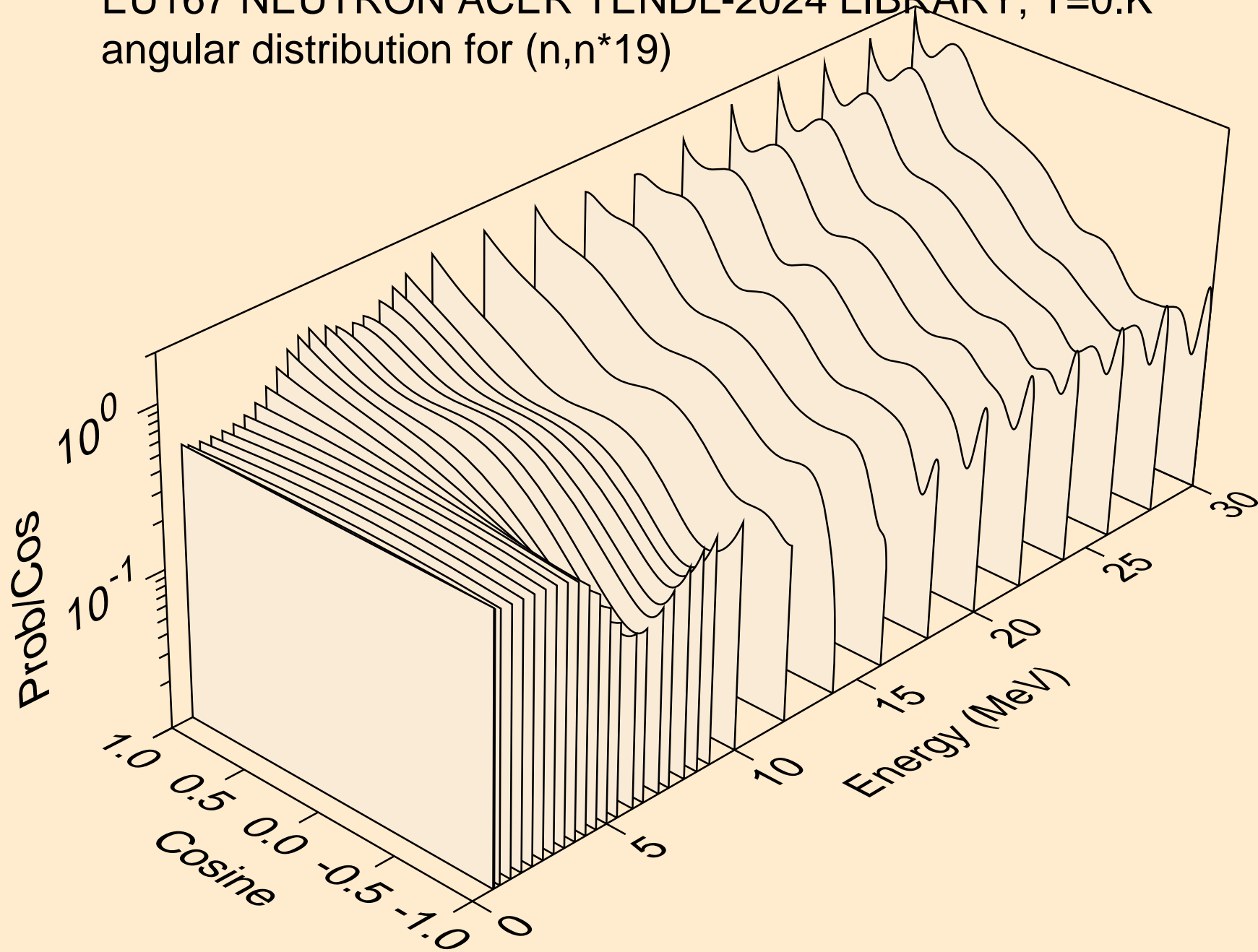
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

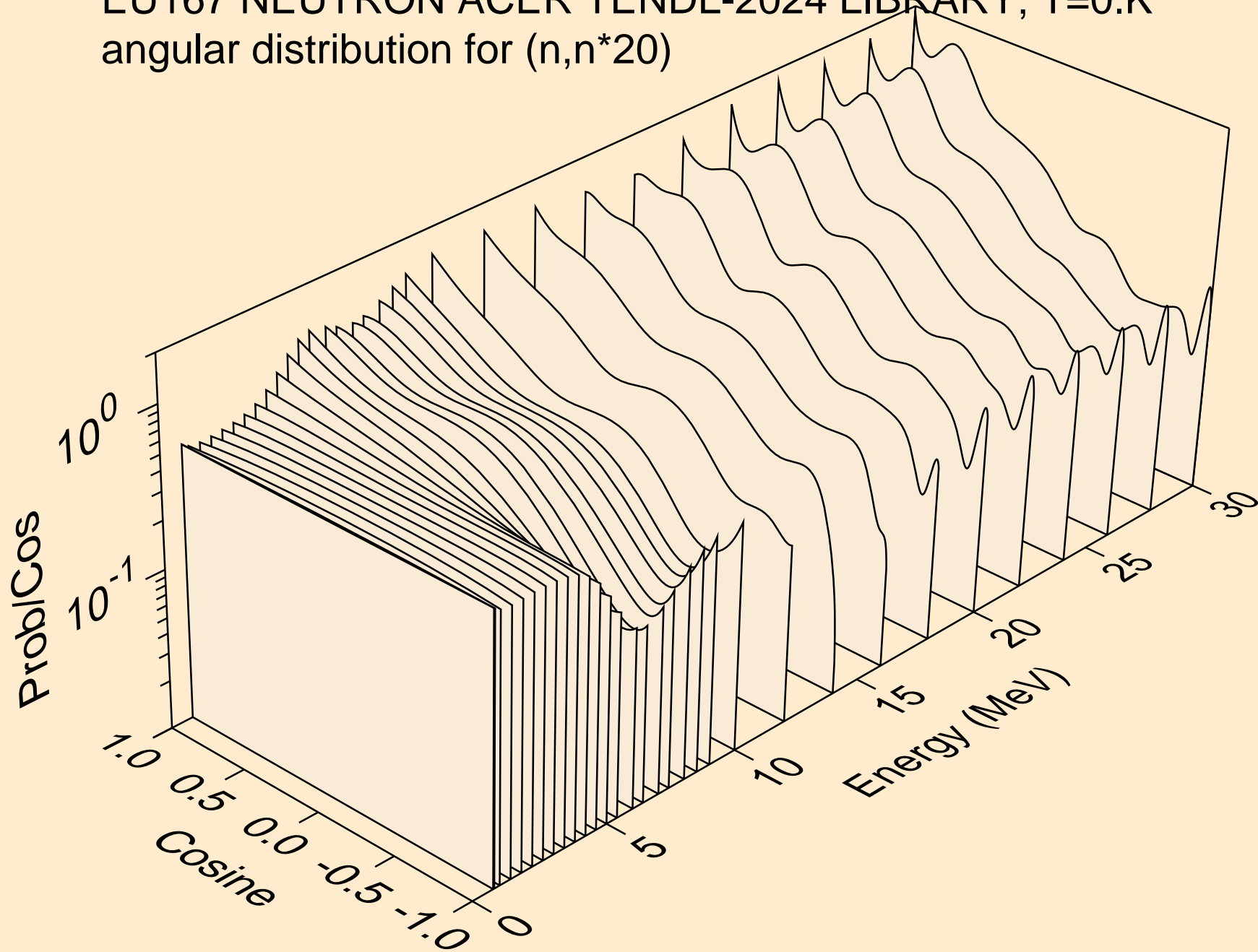


EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

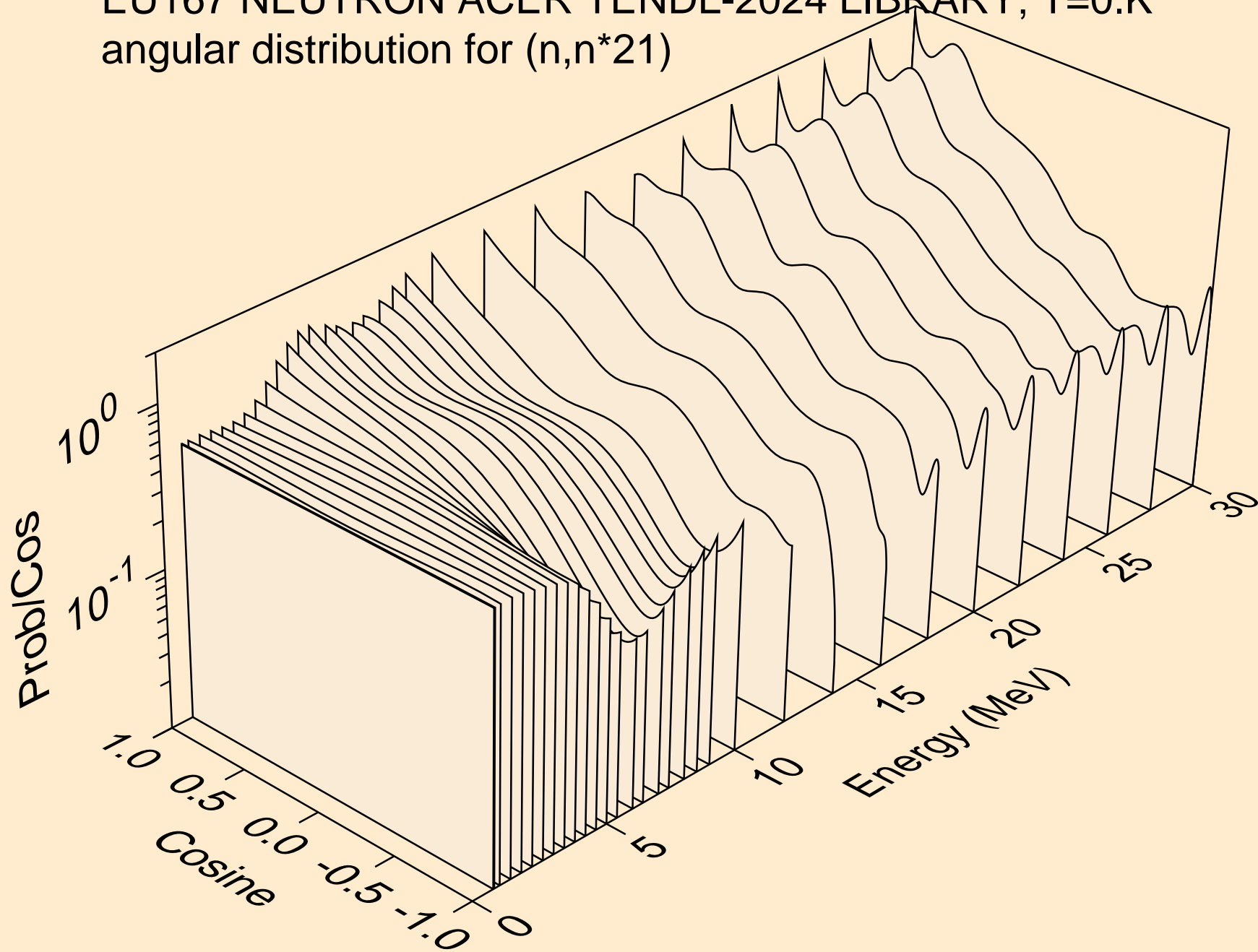




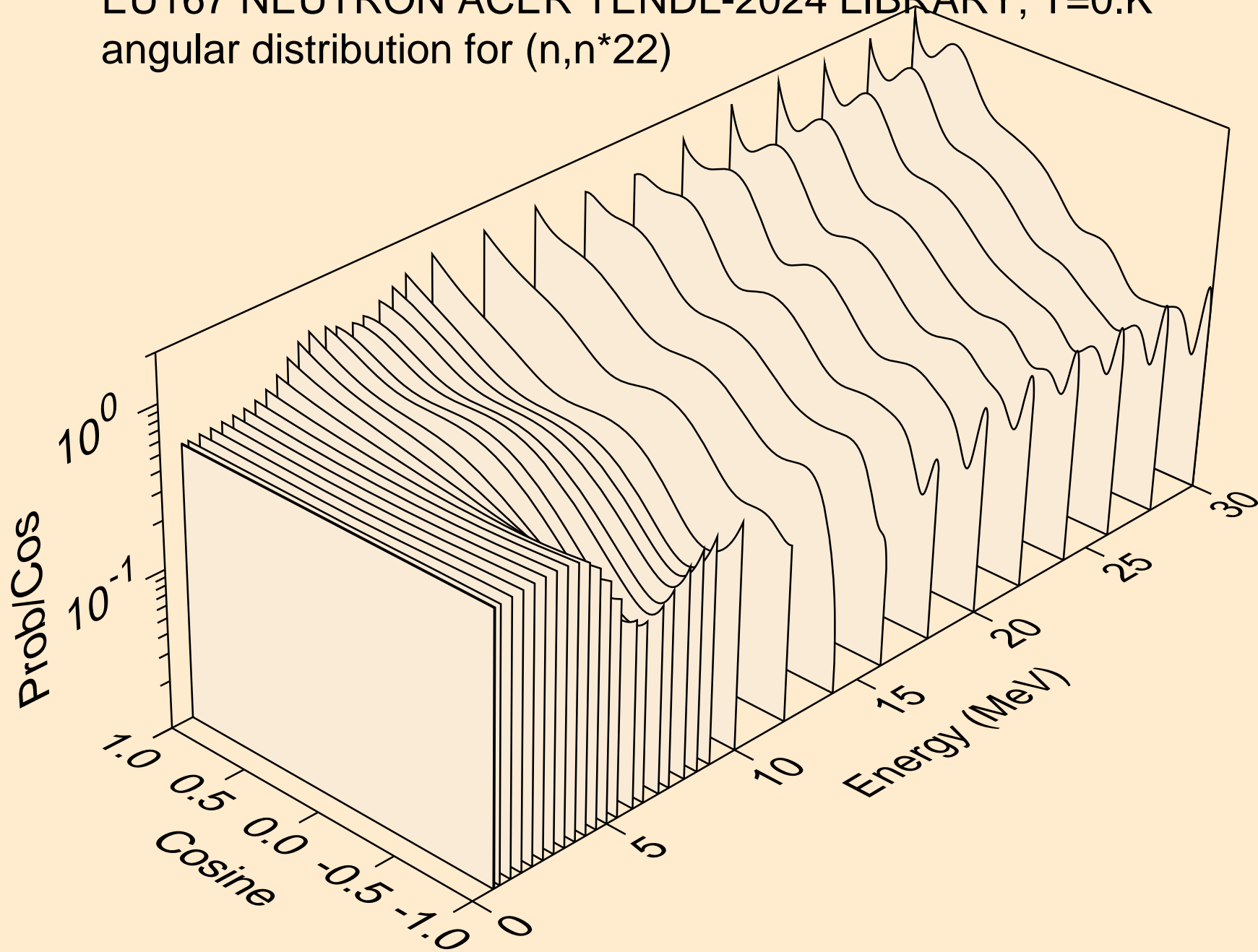
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



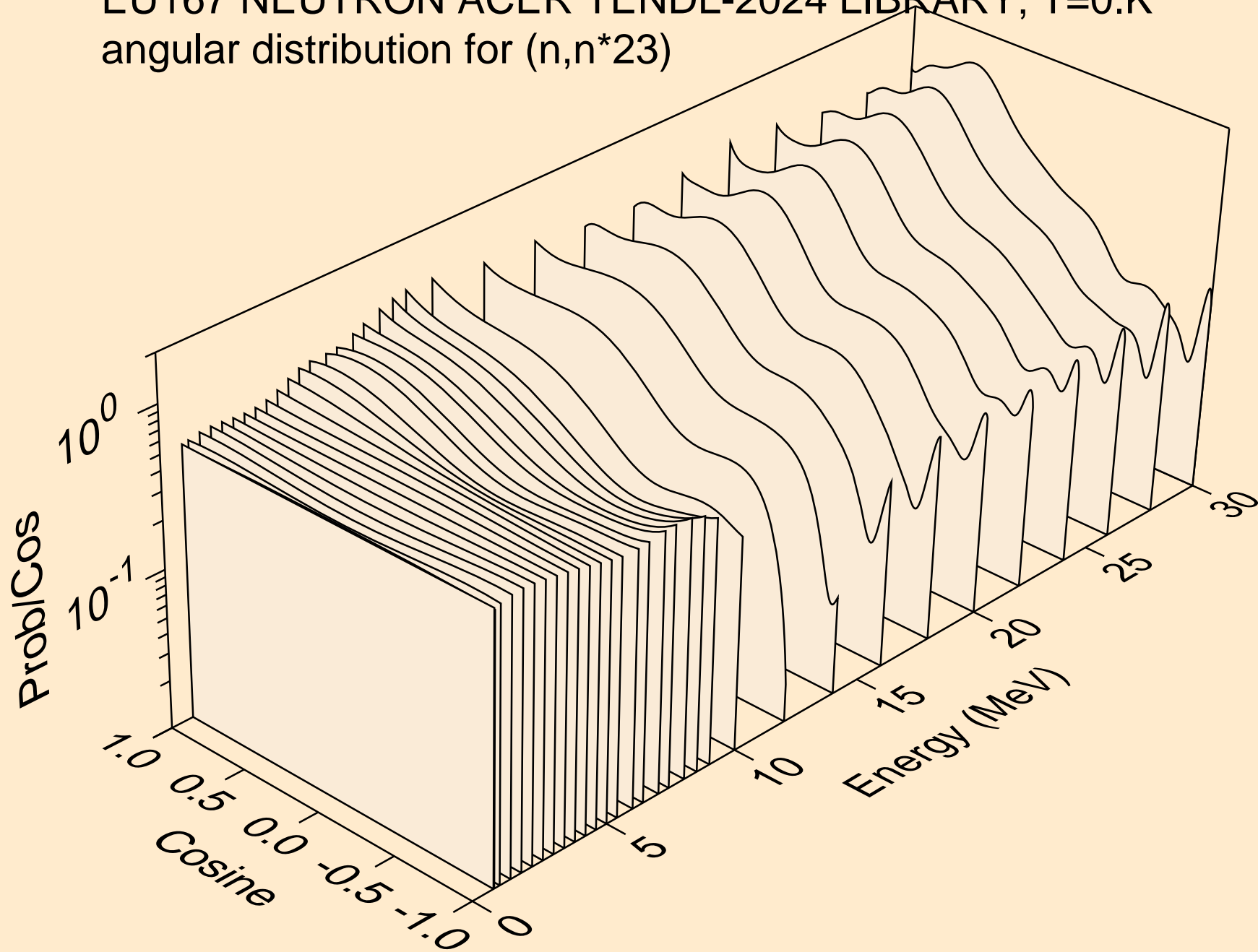
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angular distribution for (n,n\*21)



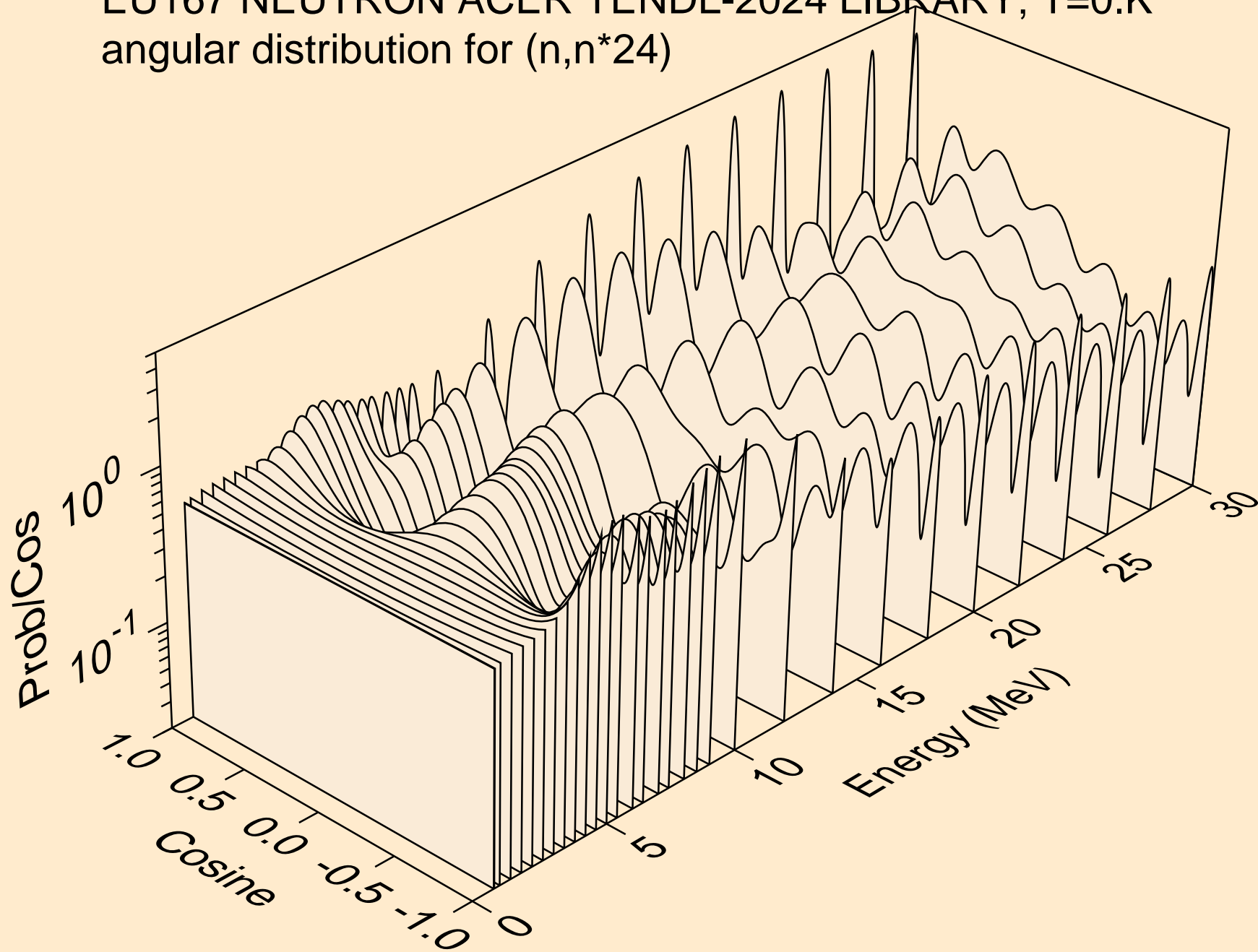
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angular distribution for (n,n\*22)



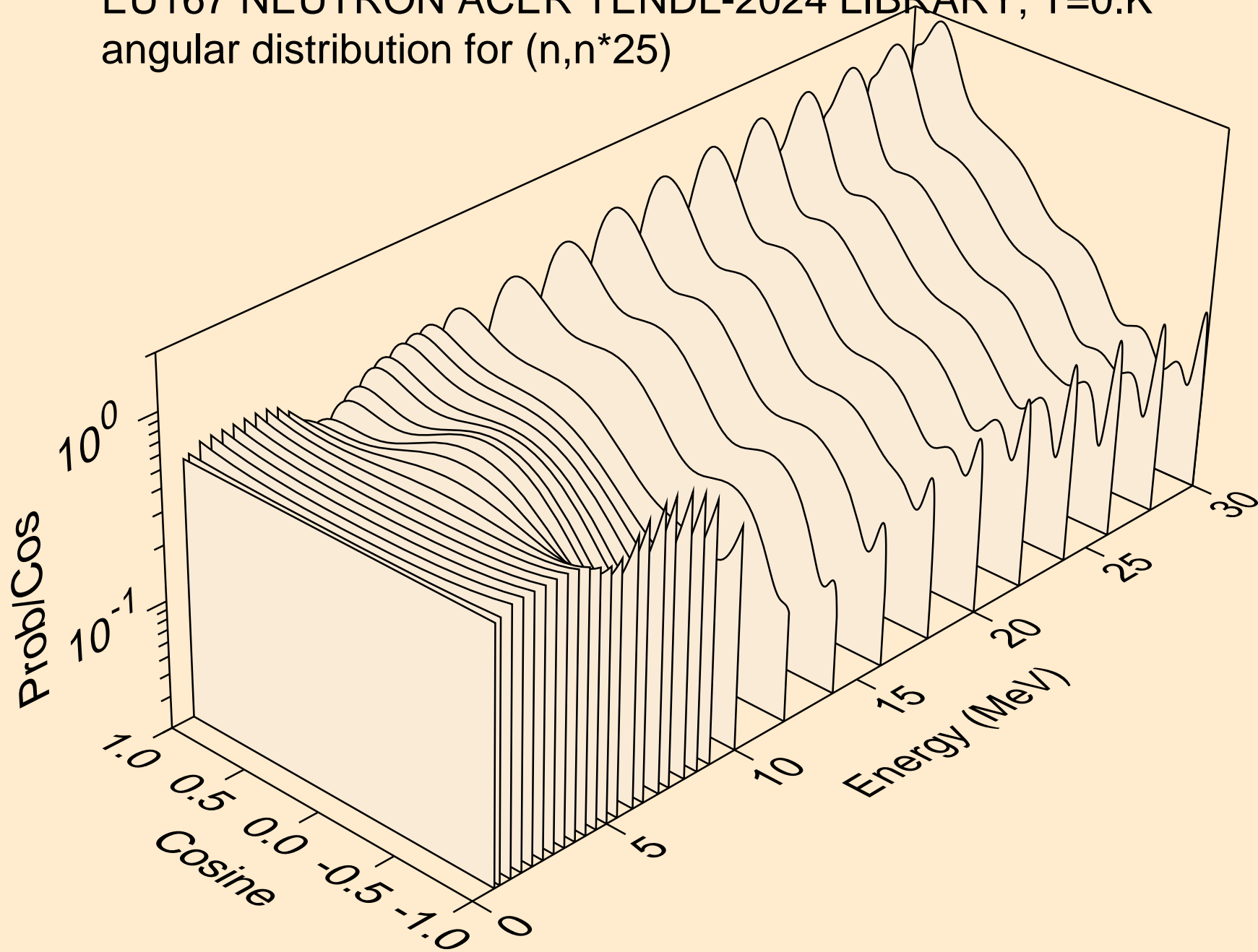
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



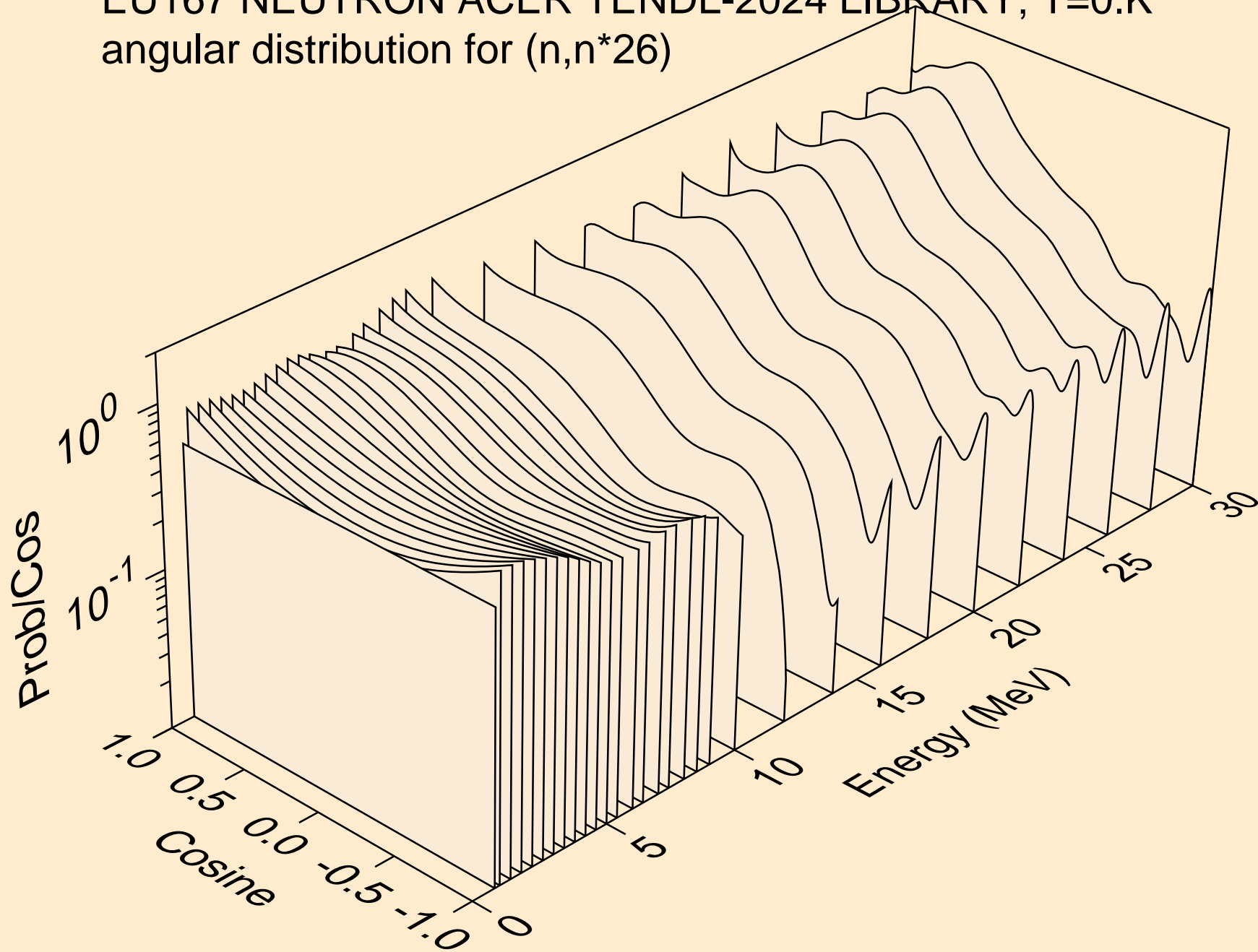
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



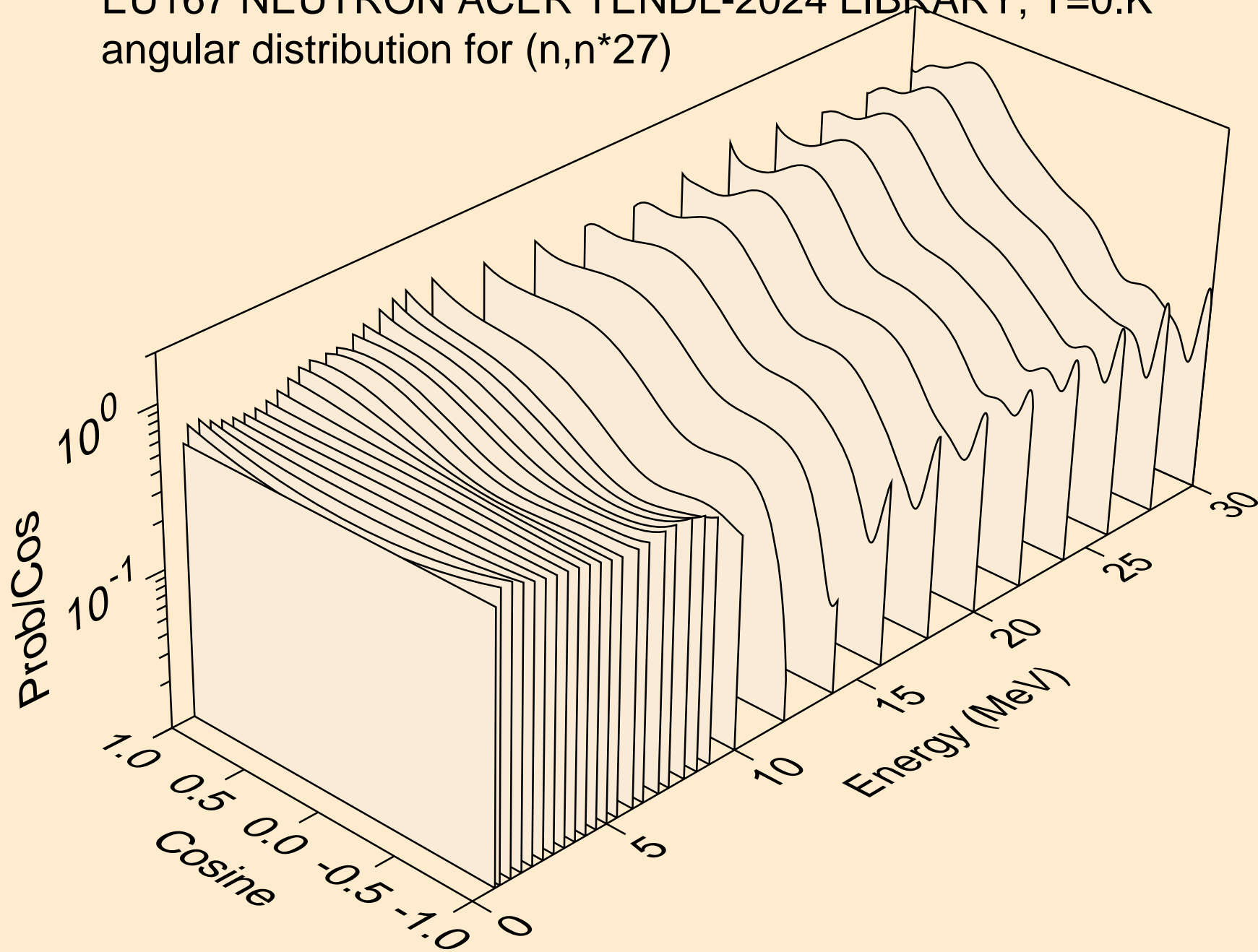
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

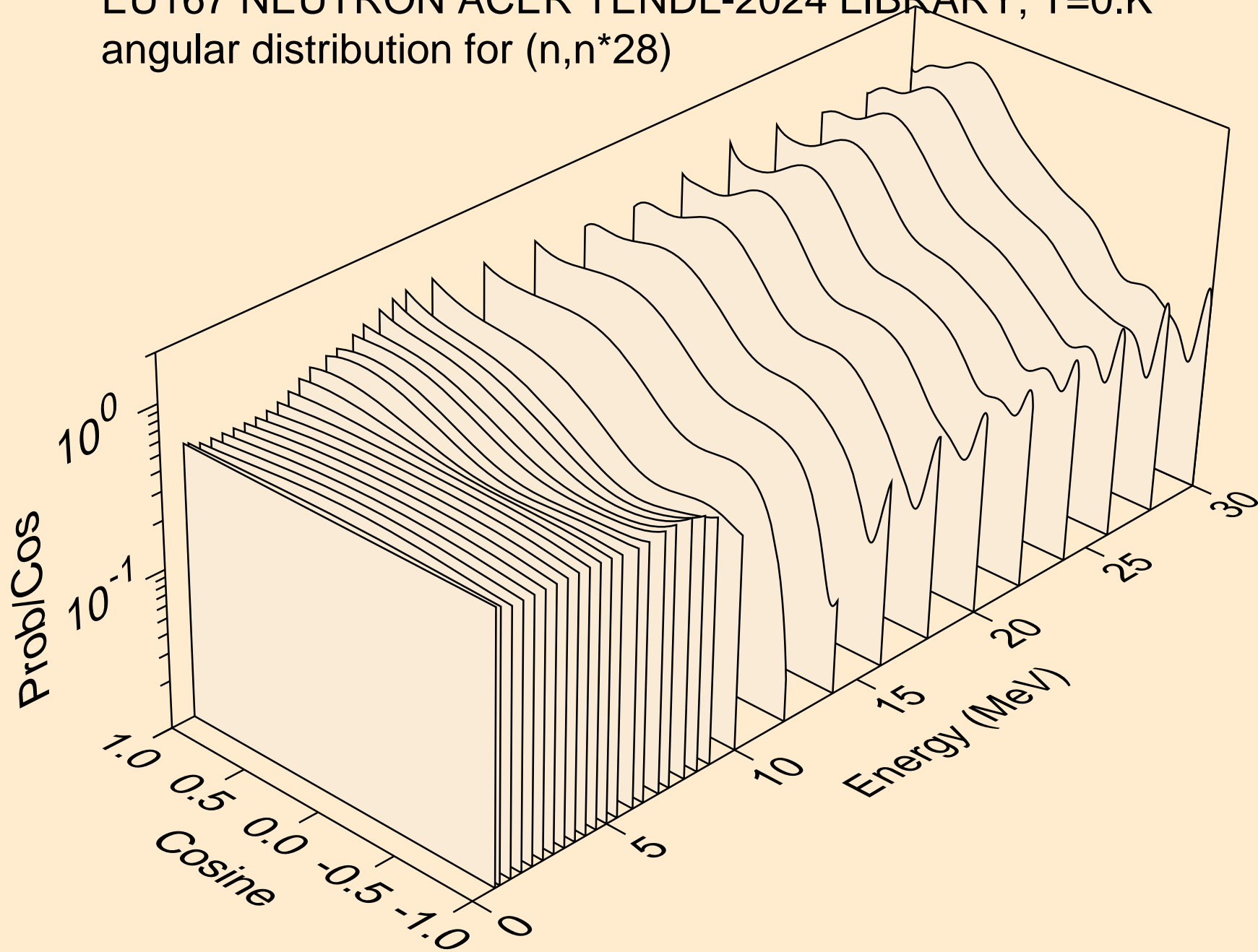


EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

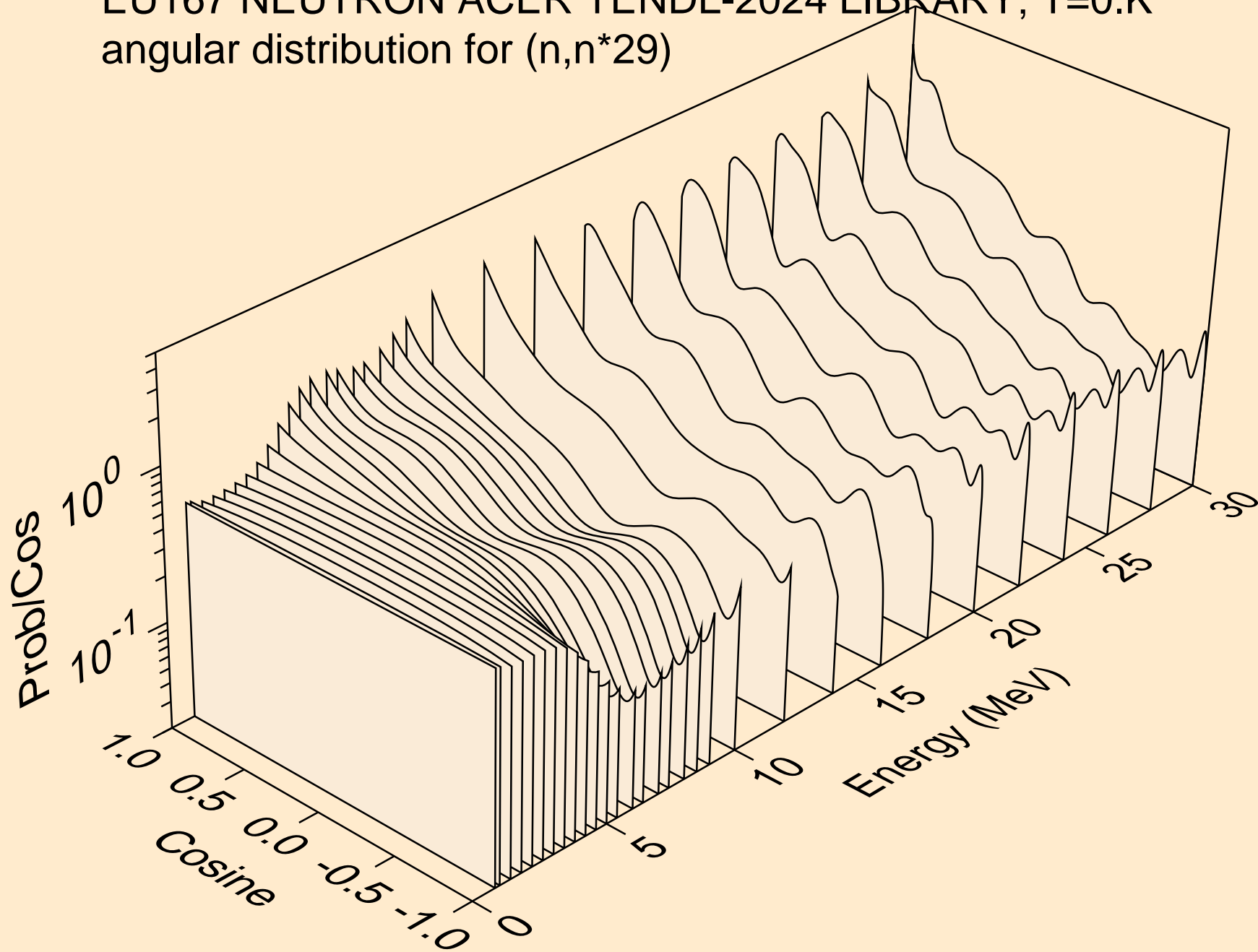




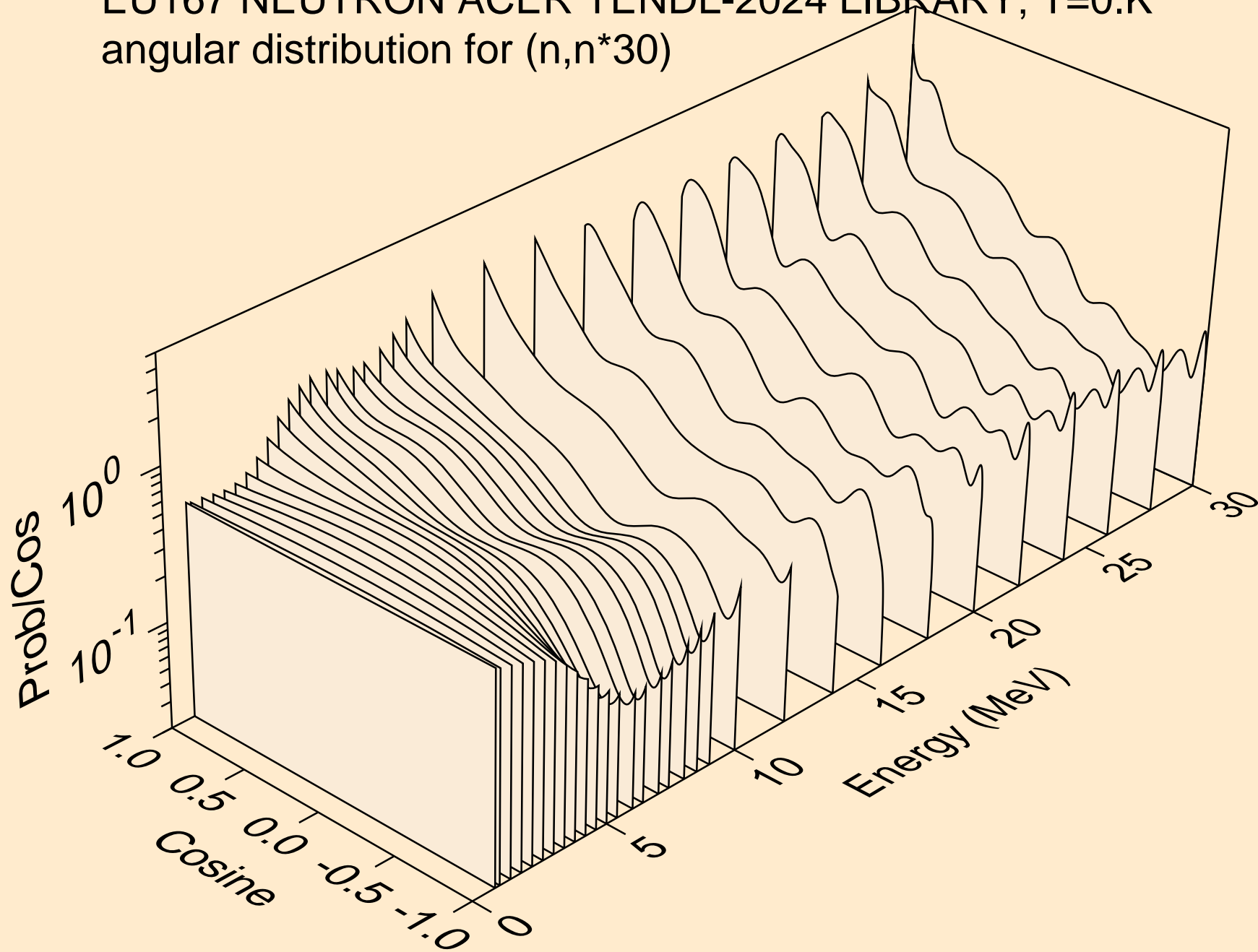
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



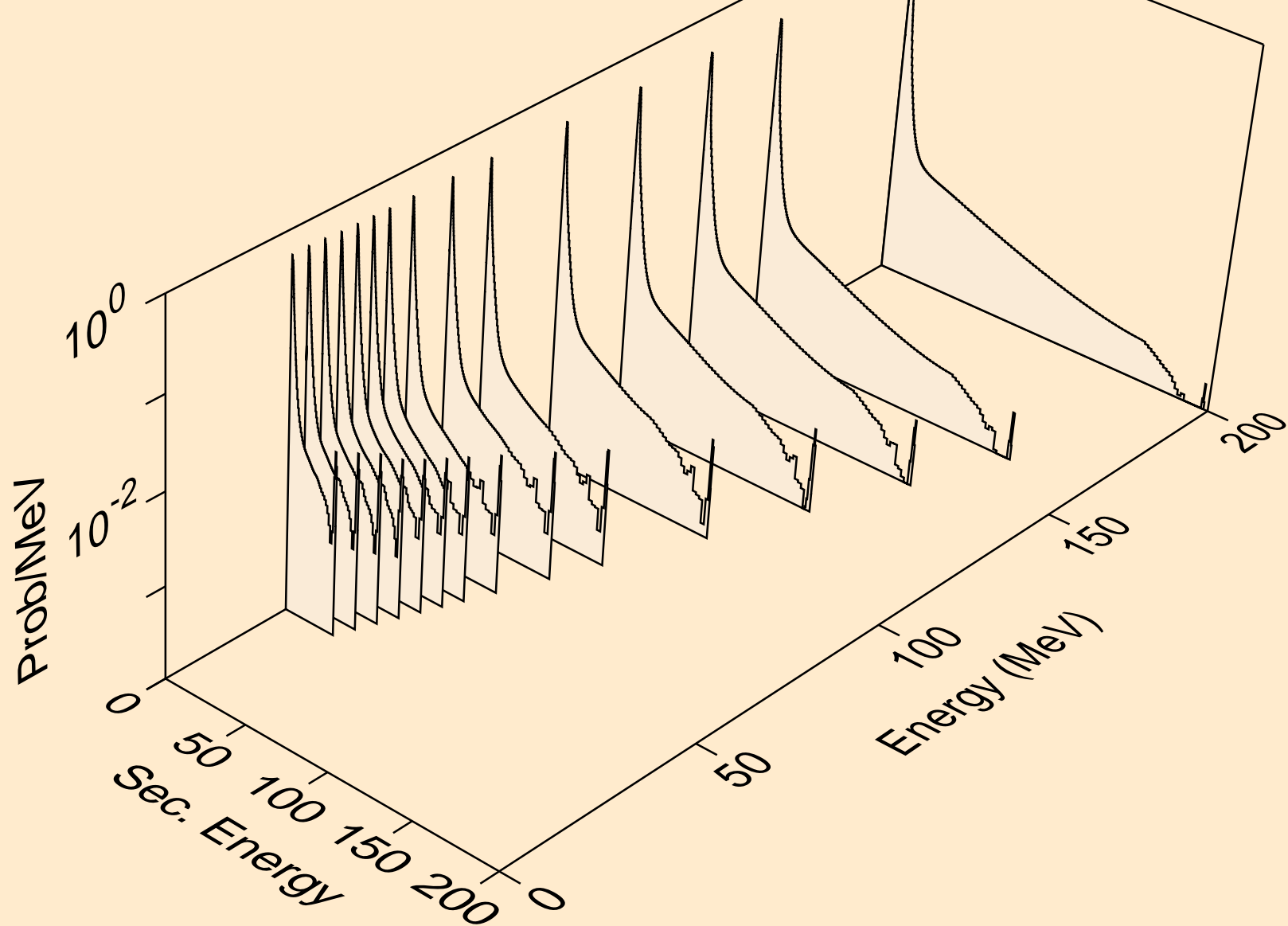
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angular distribution for (n,n\*29)



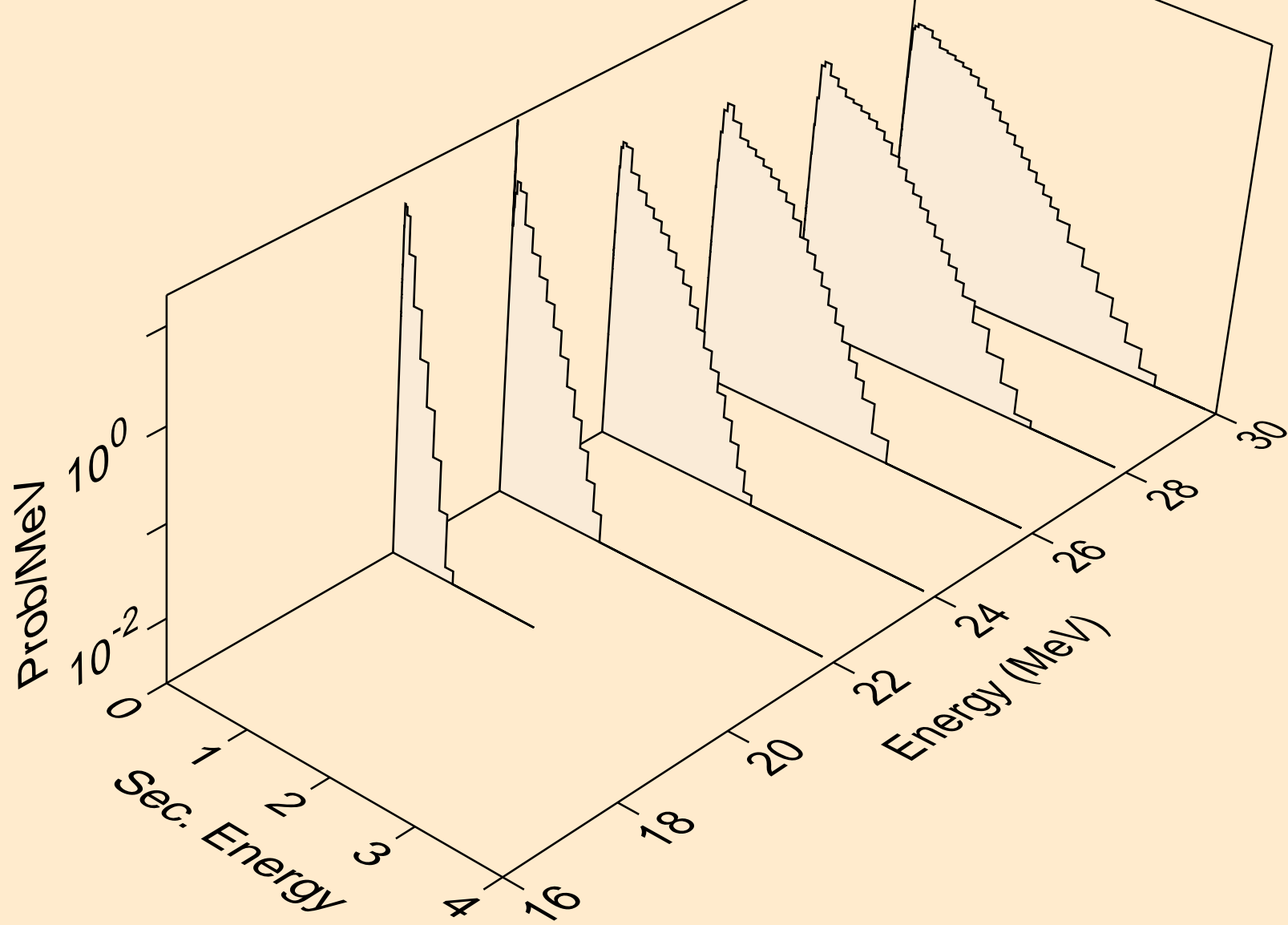
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



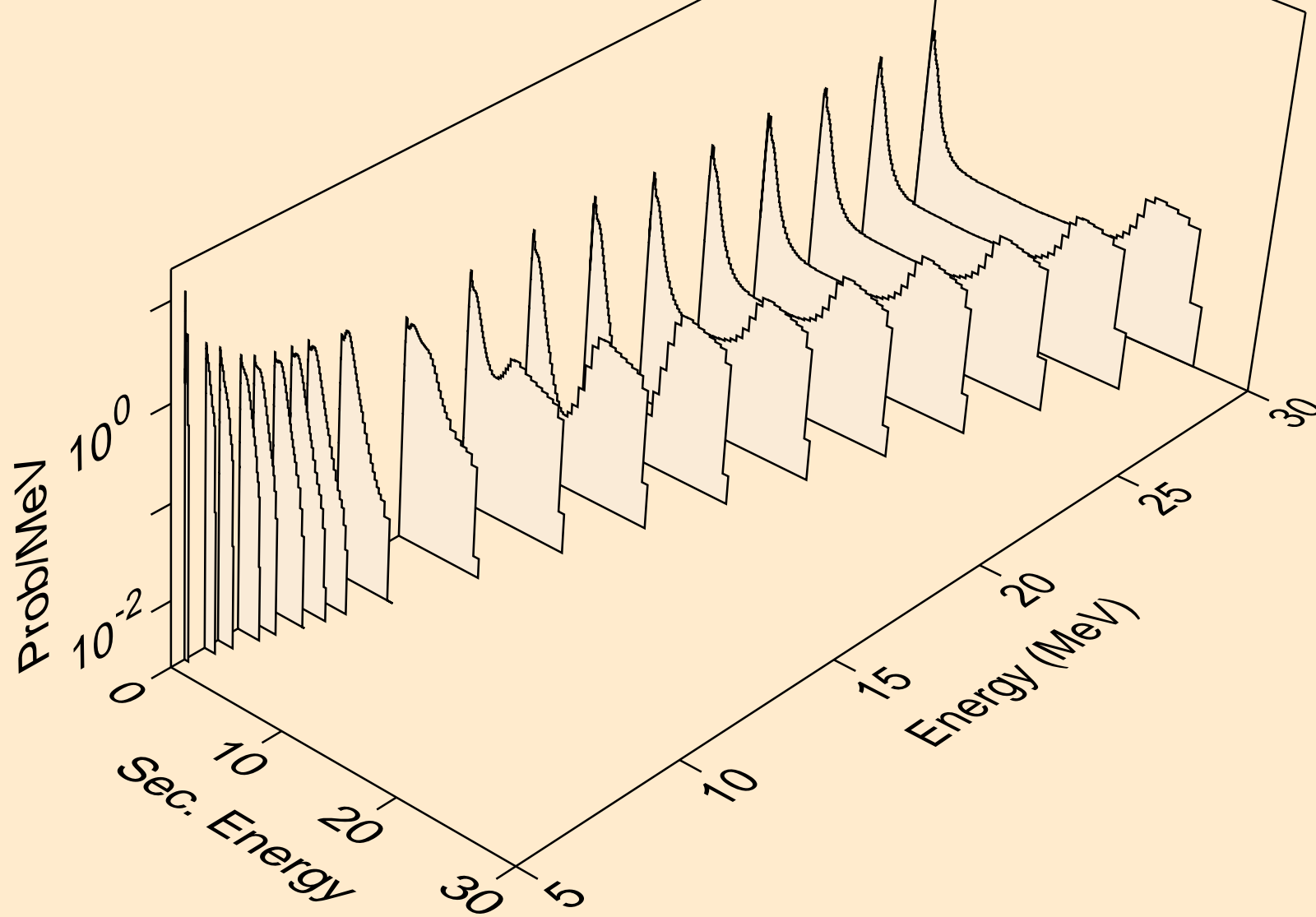
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



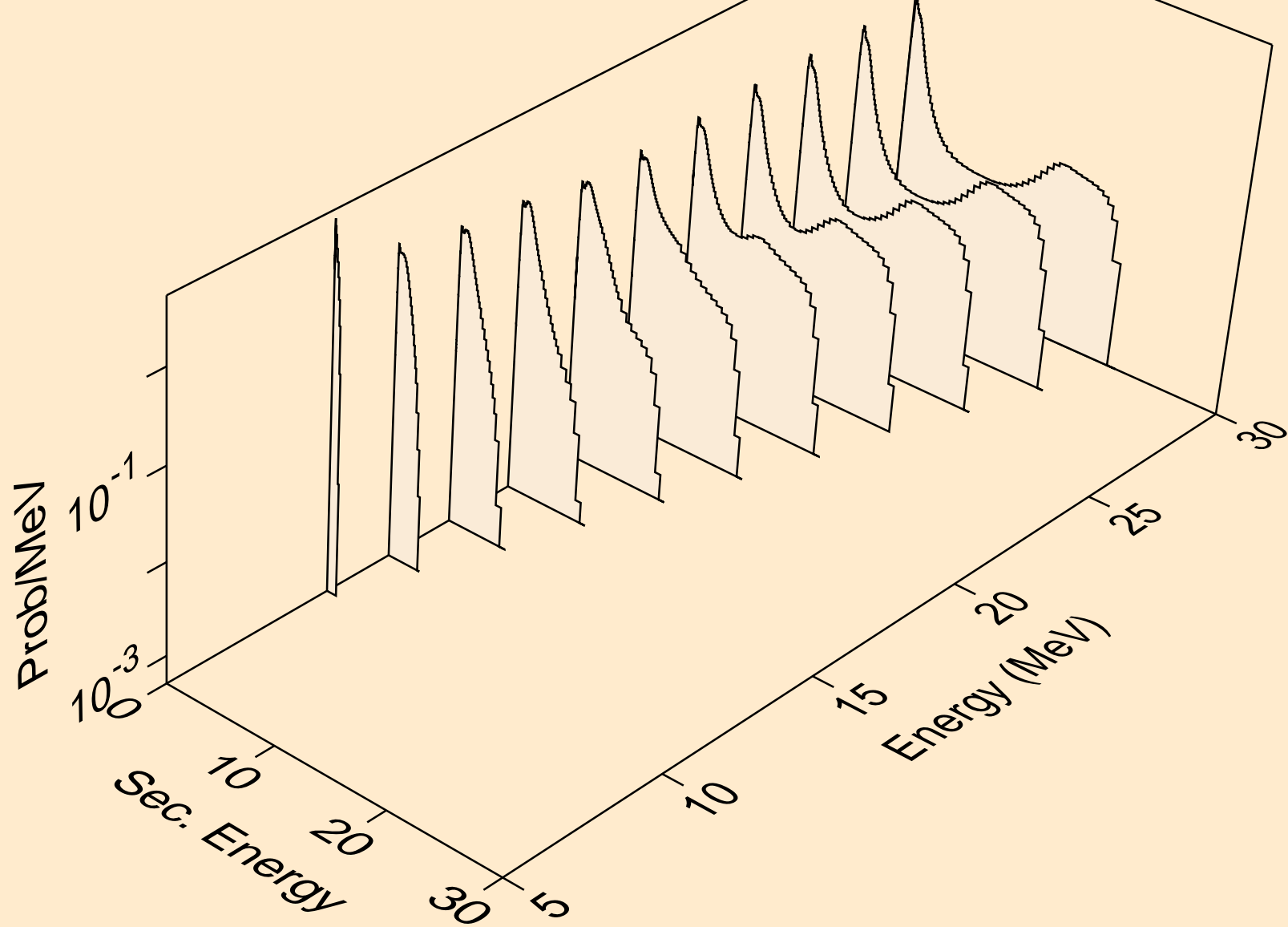
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



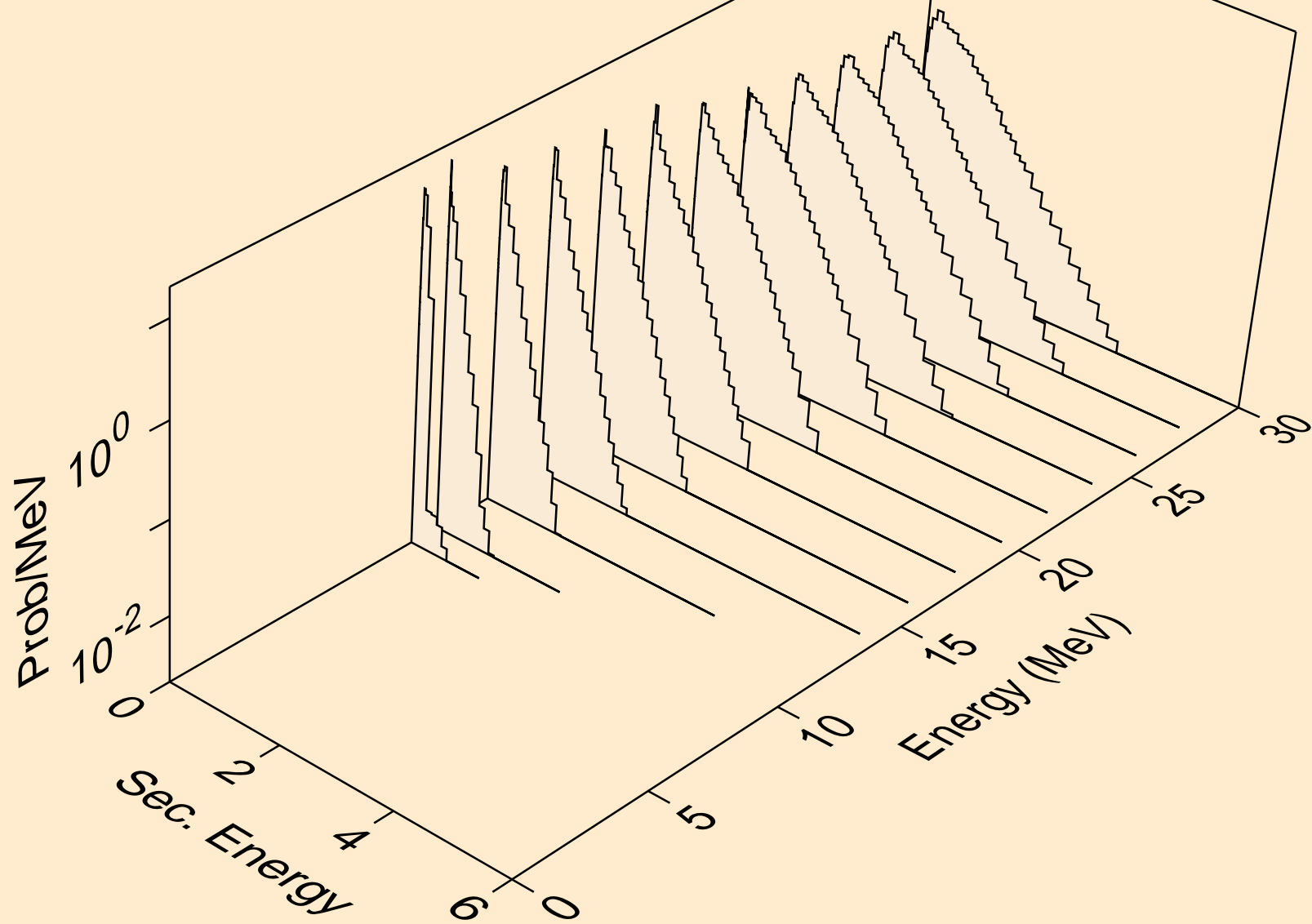
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

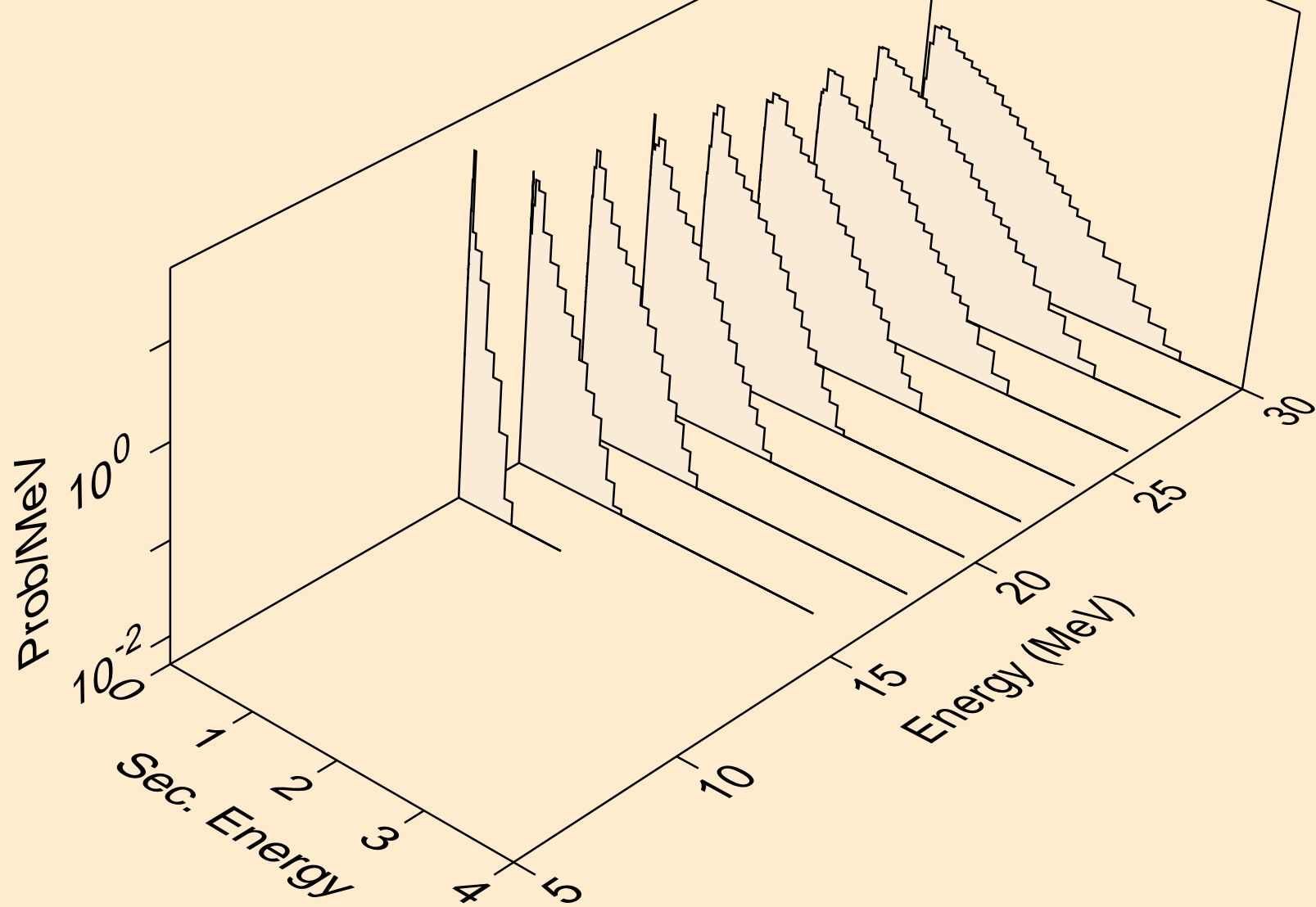


EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

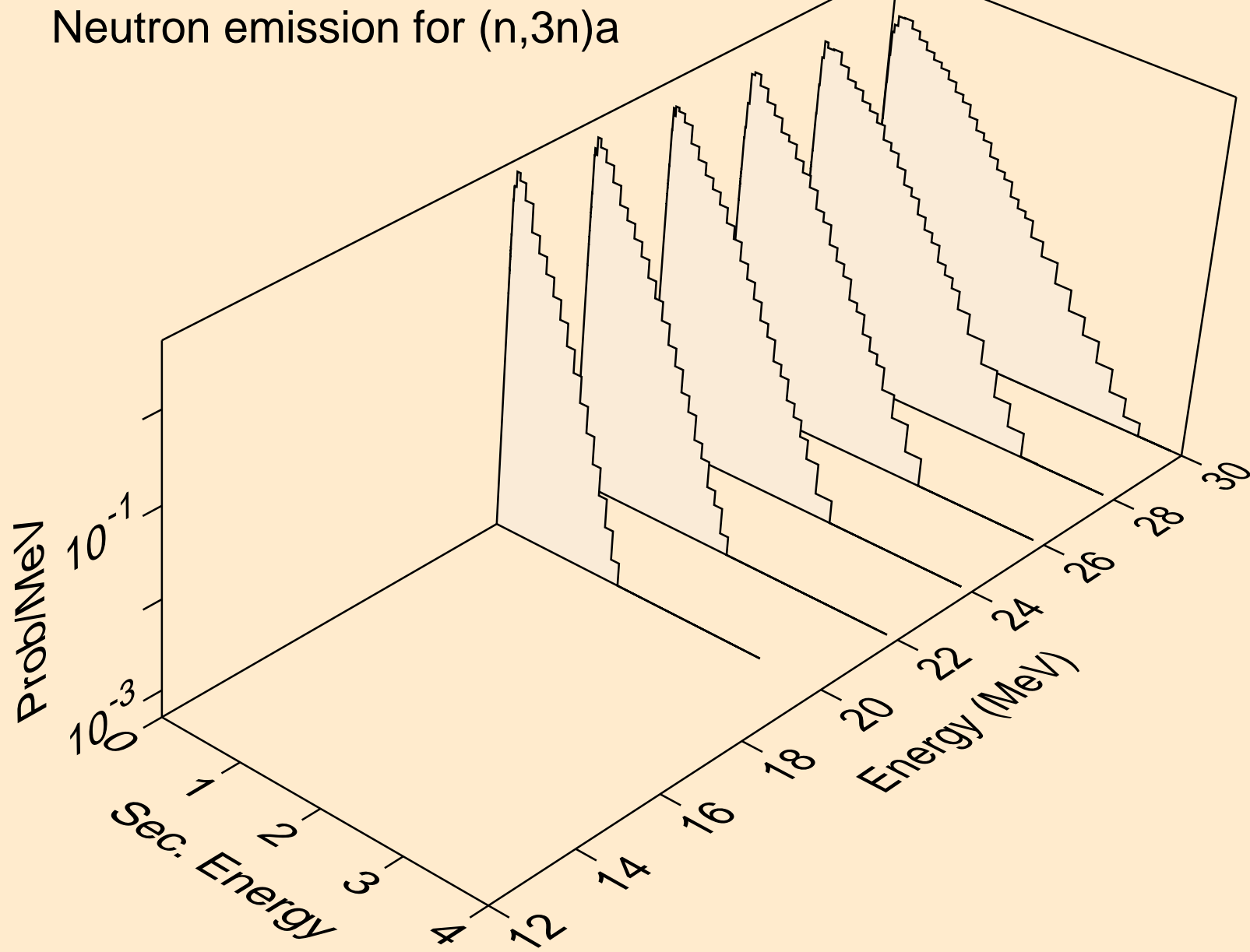




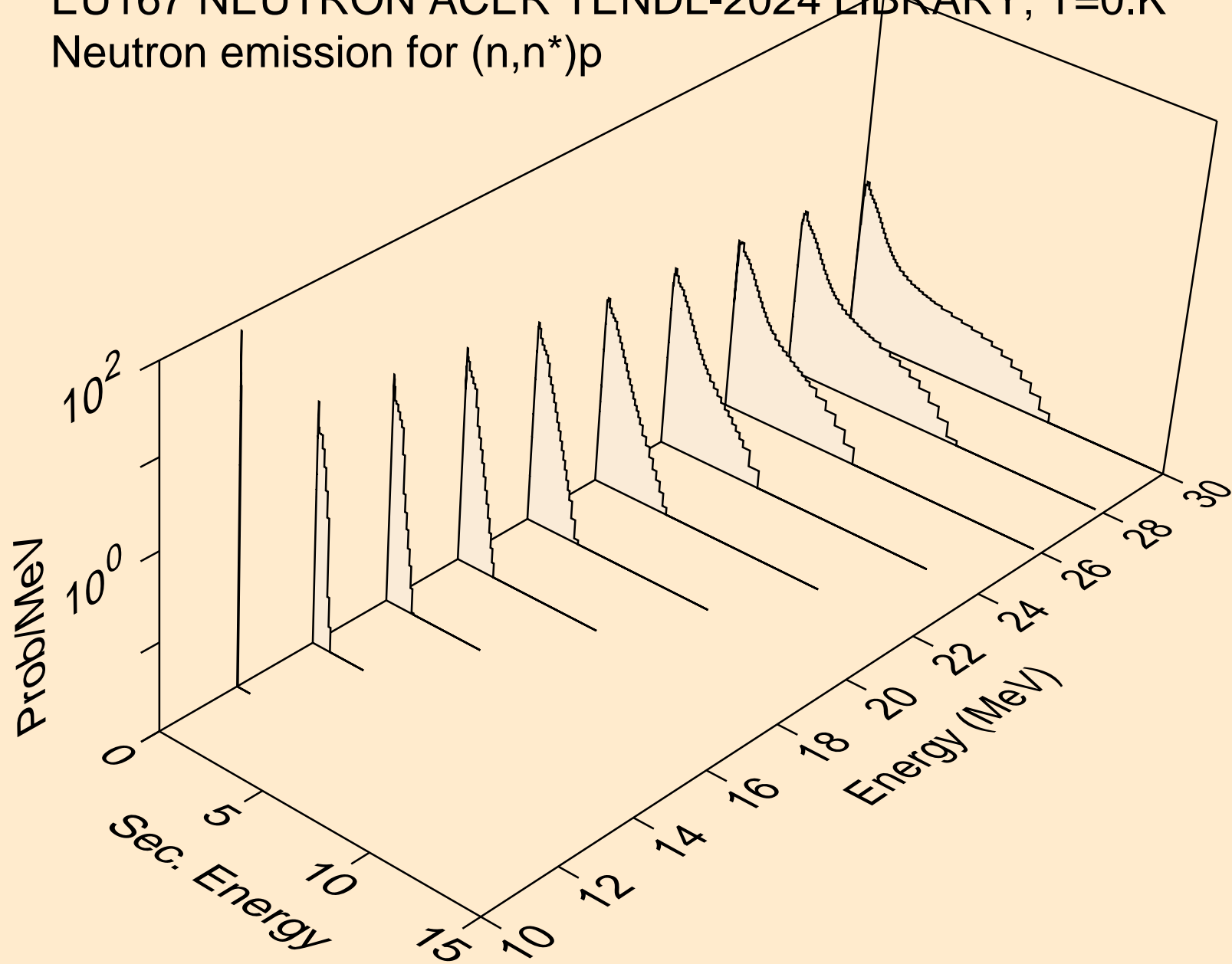
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



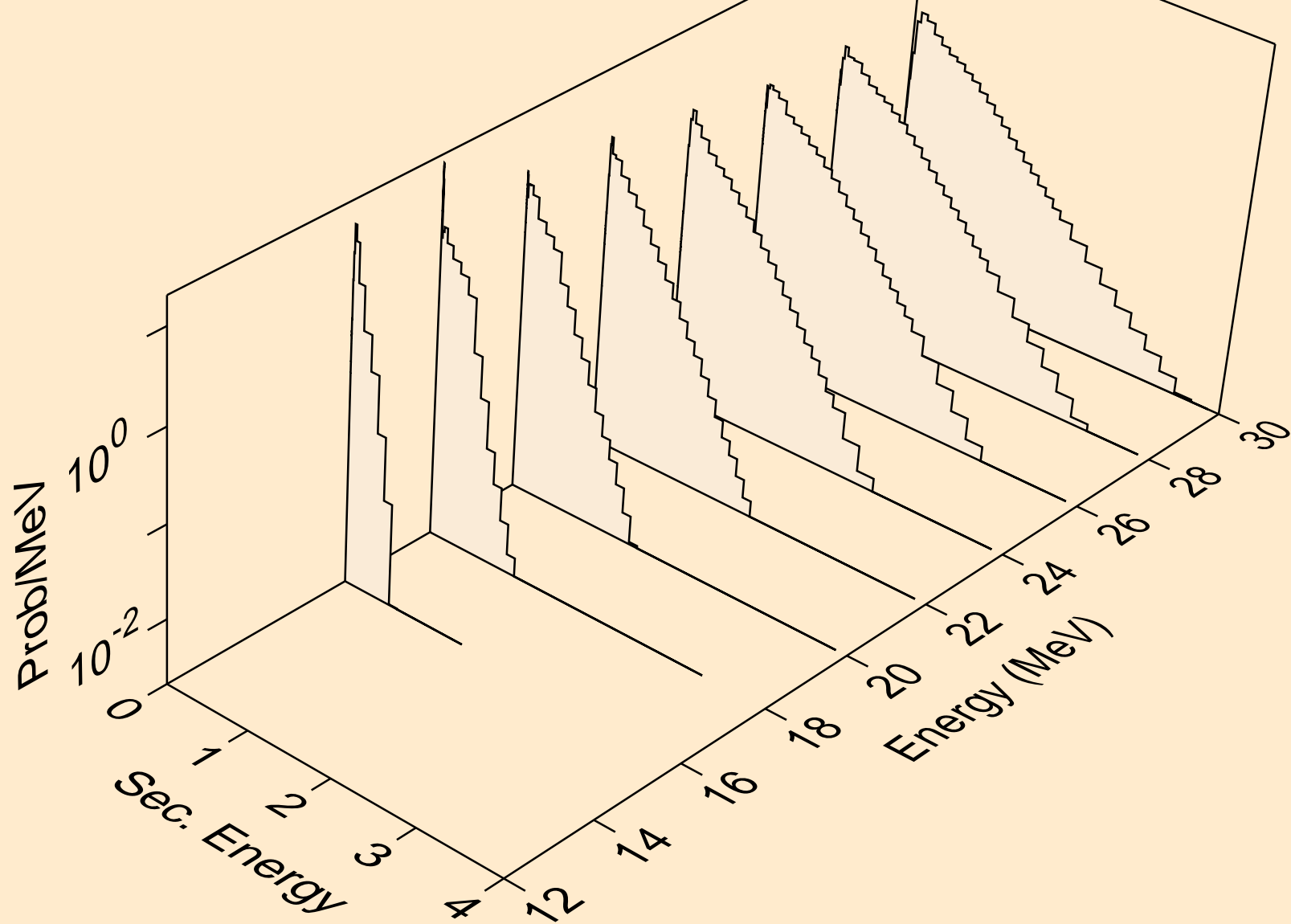
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



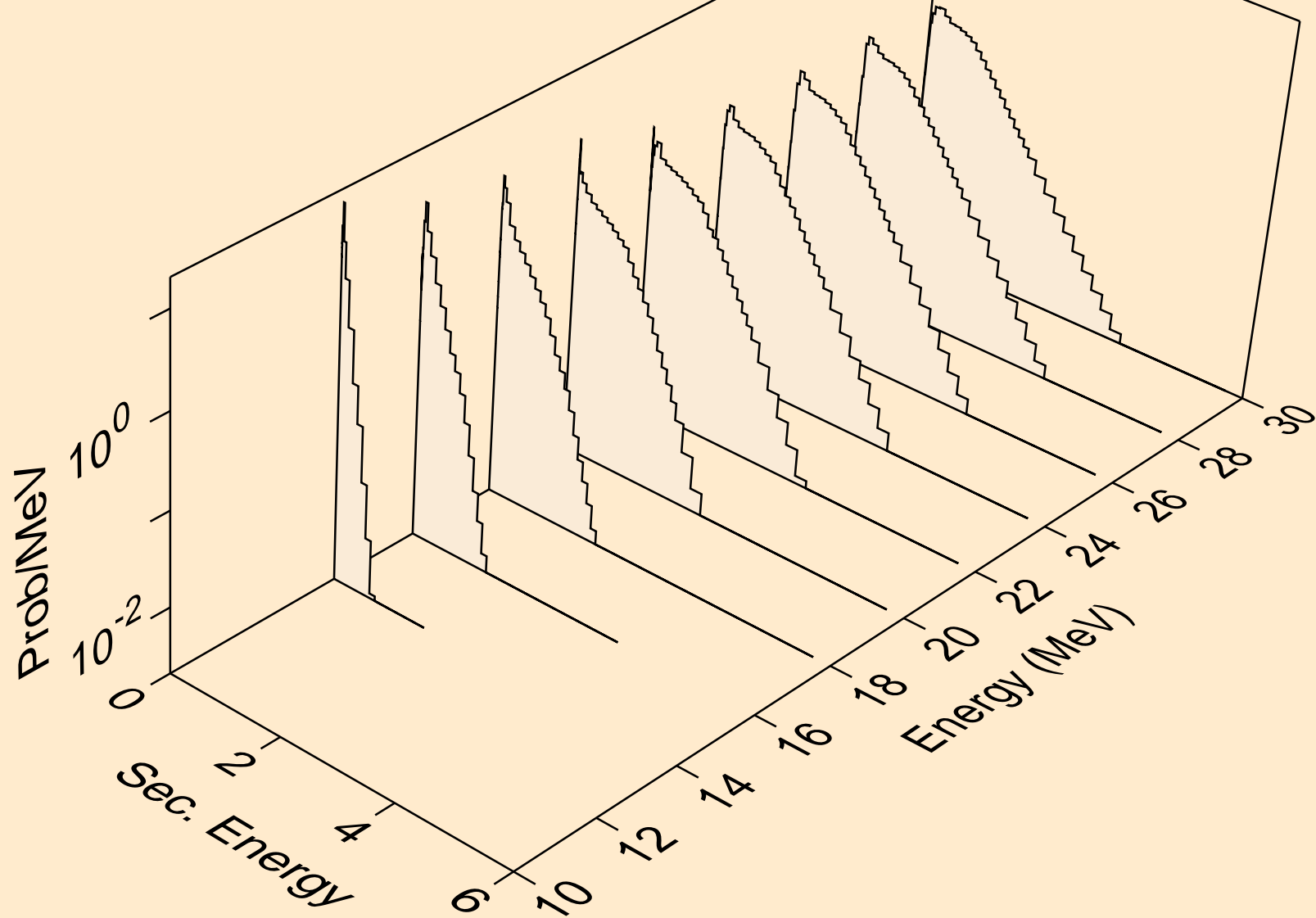
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



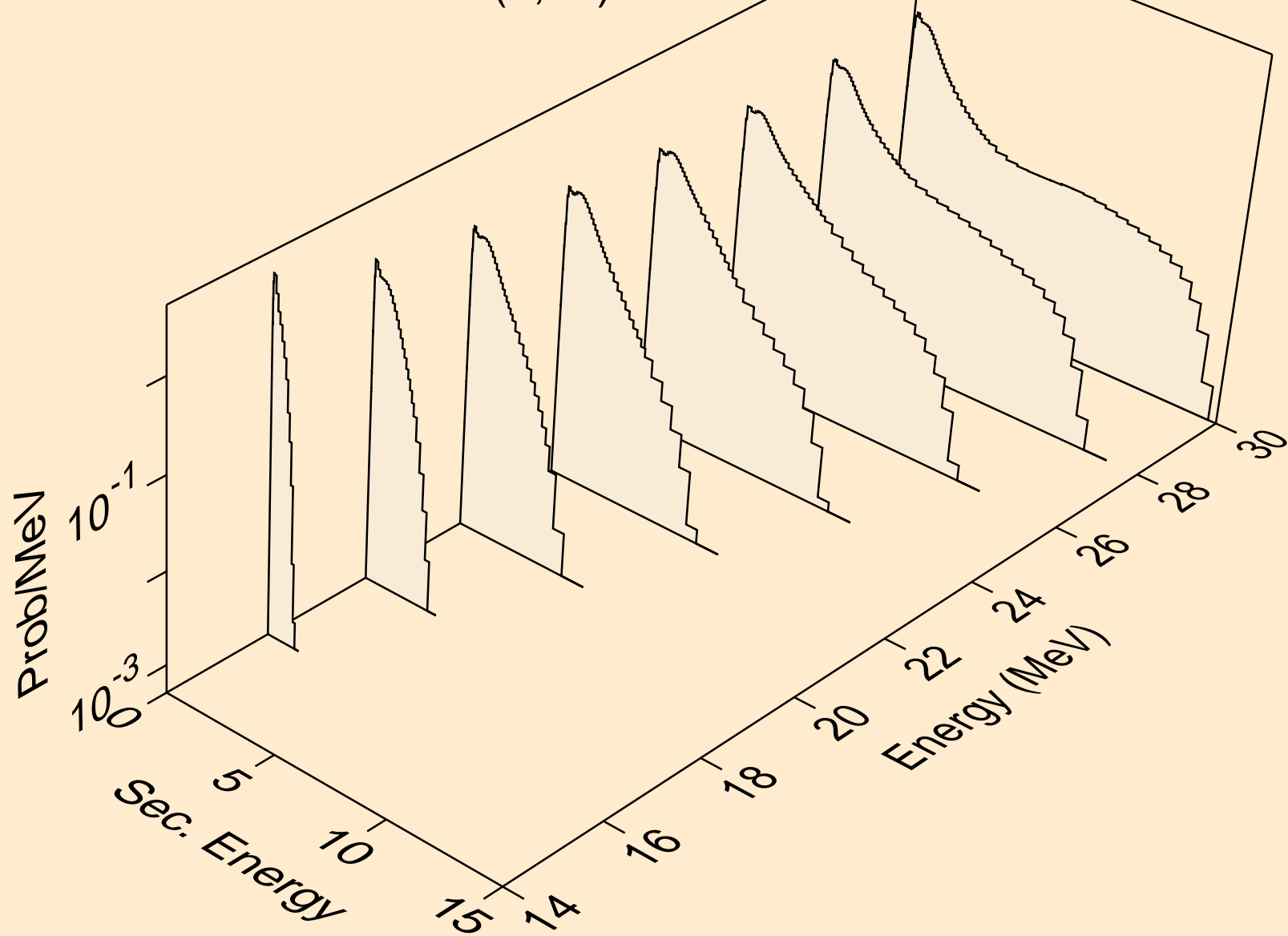
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



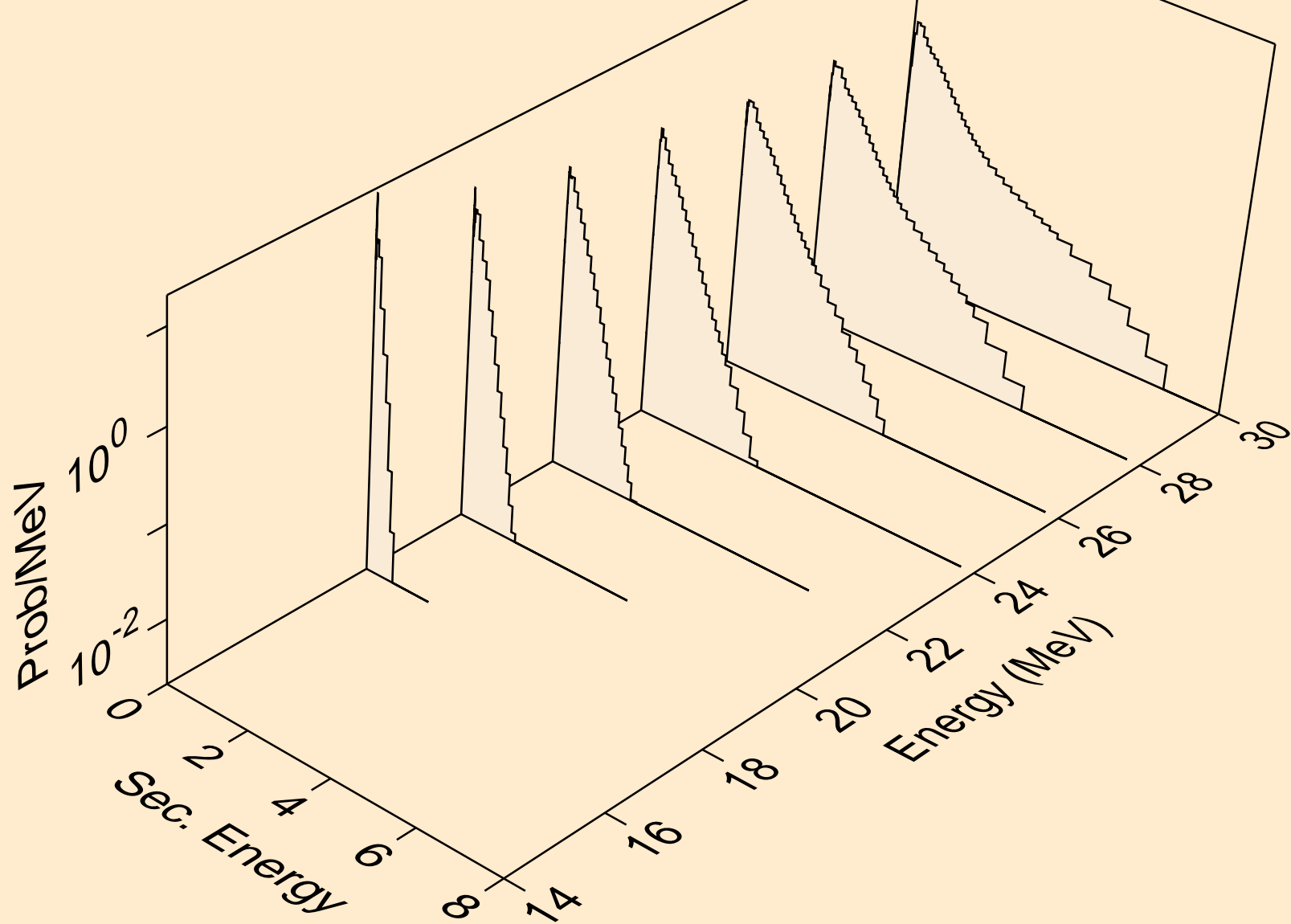
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



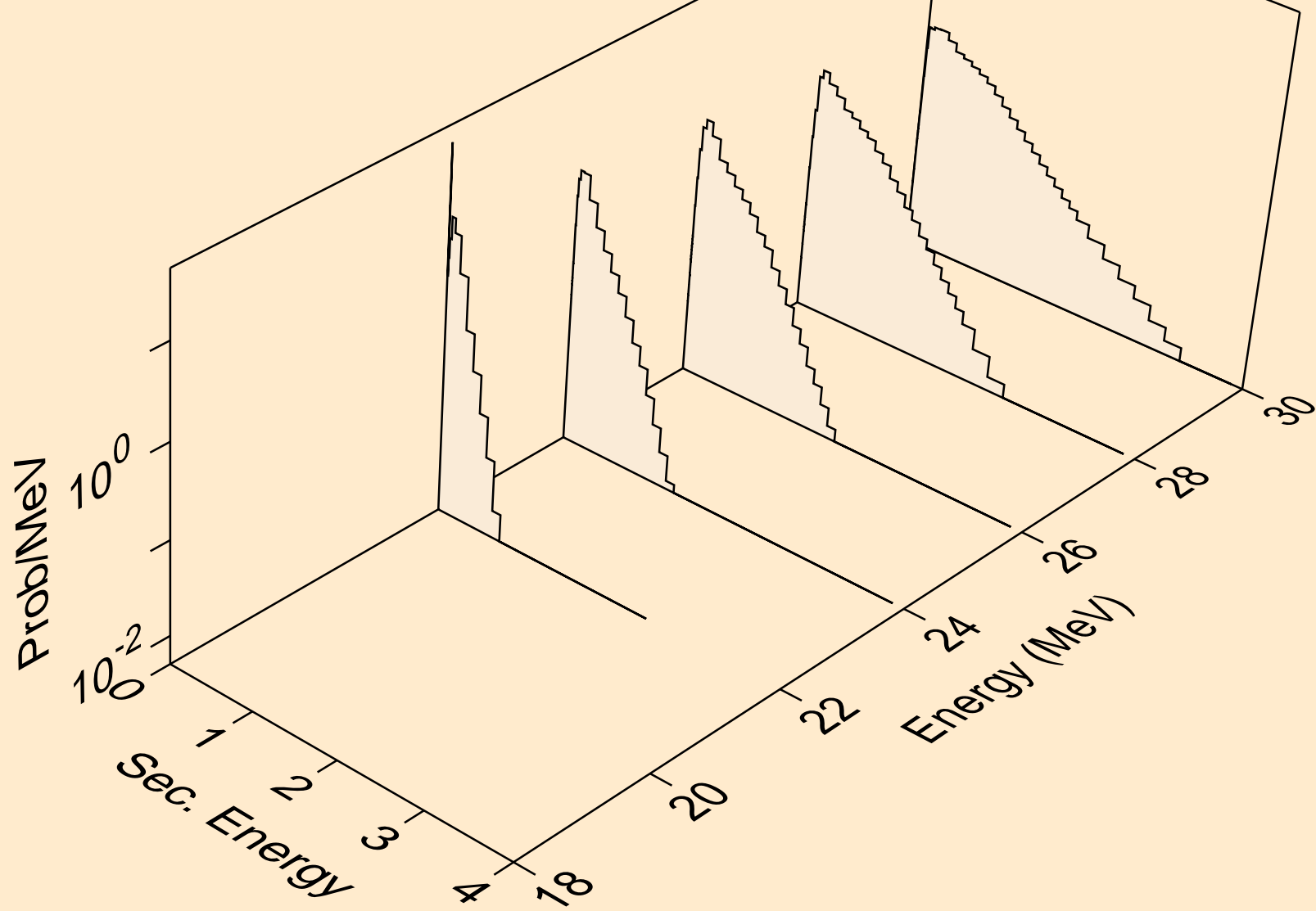
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

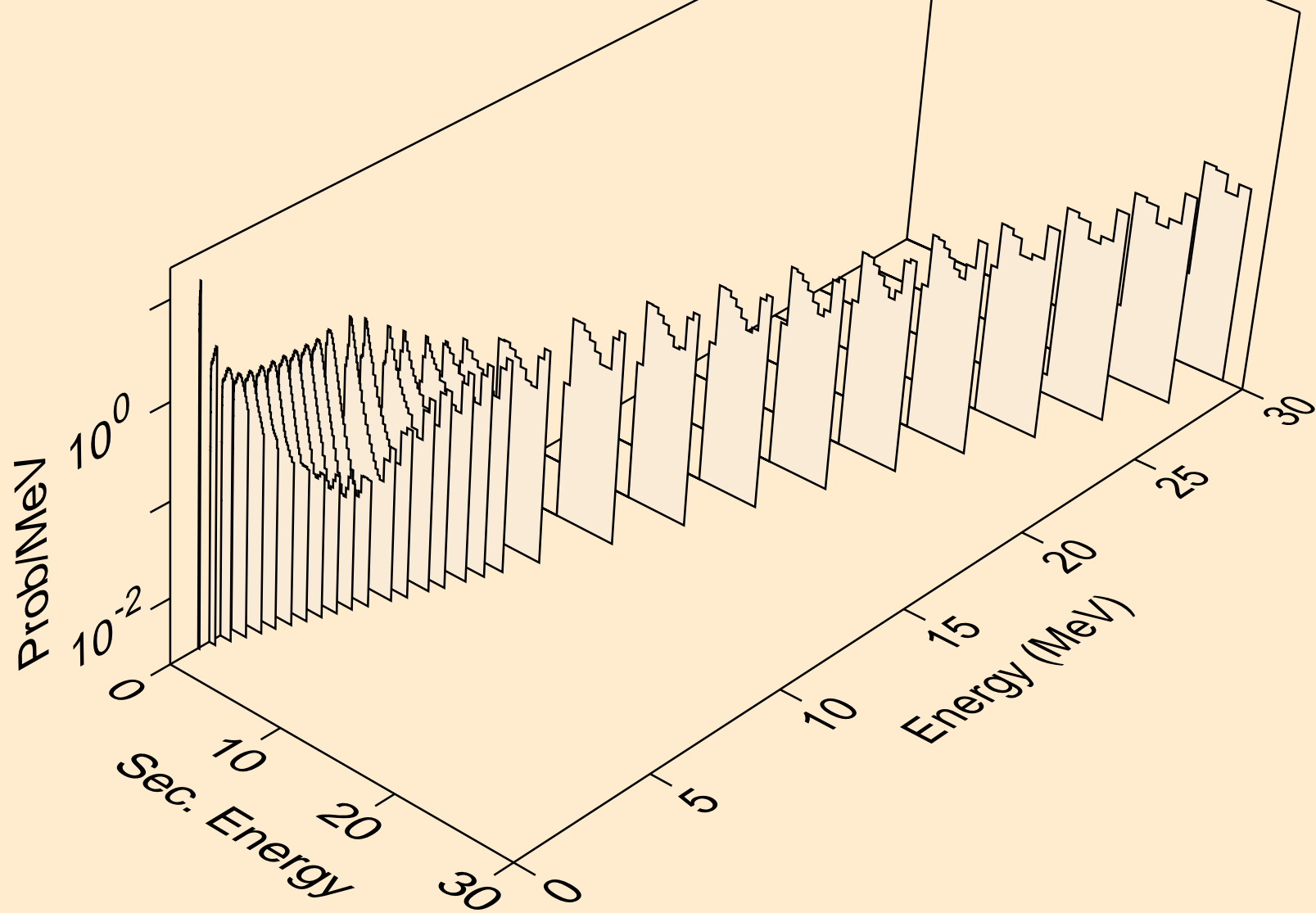


EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

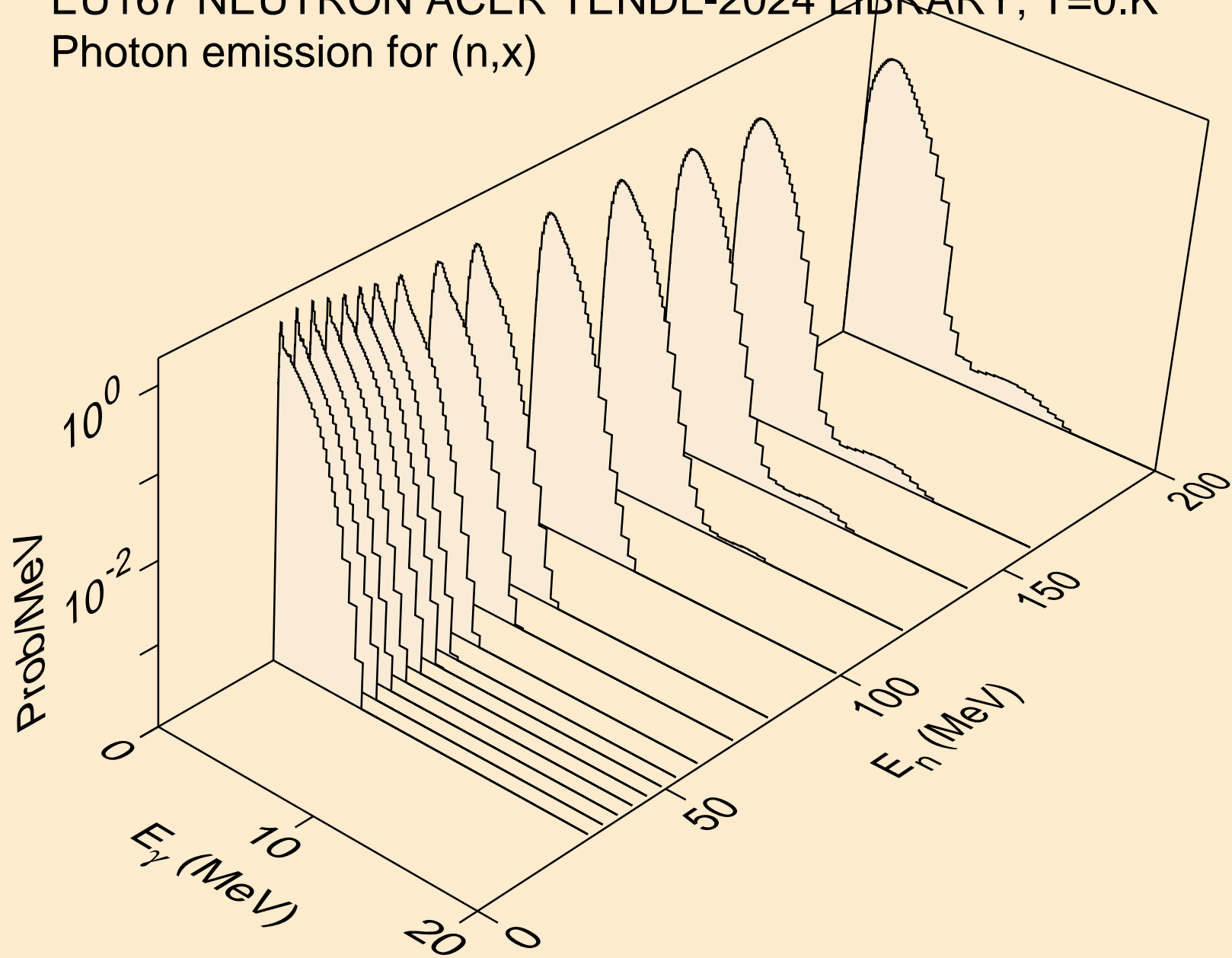




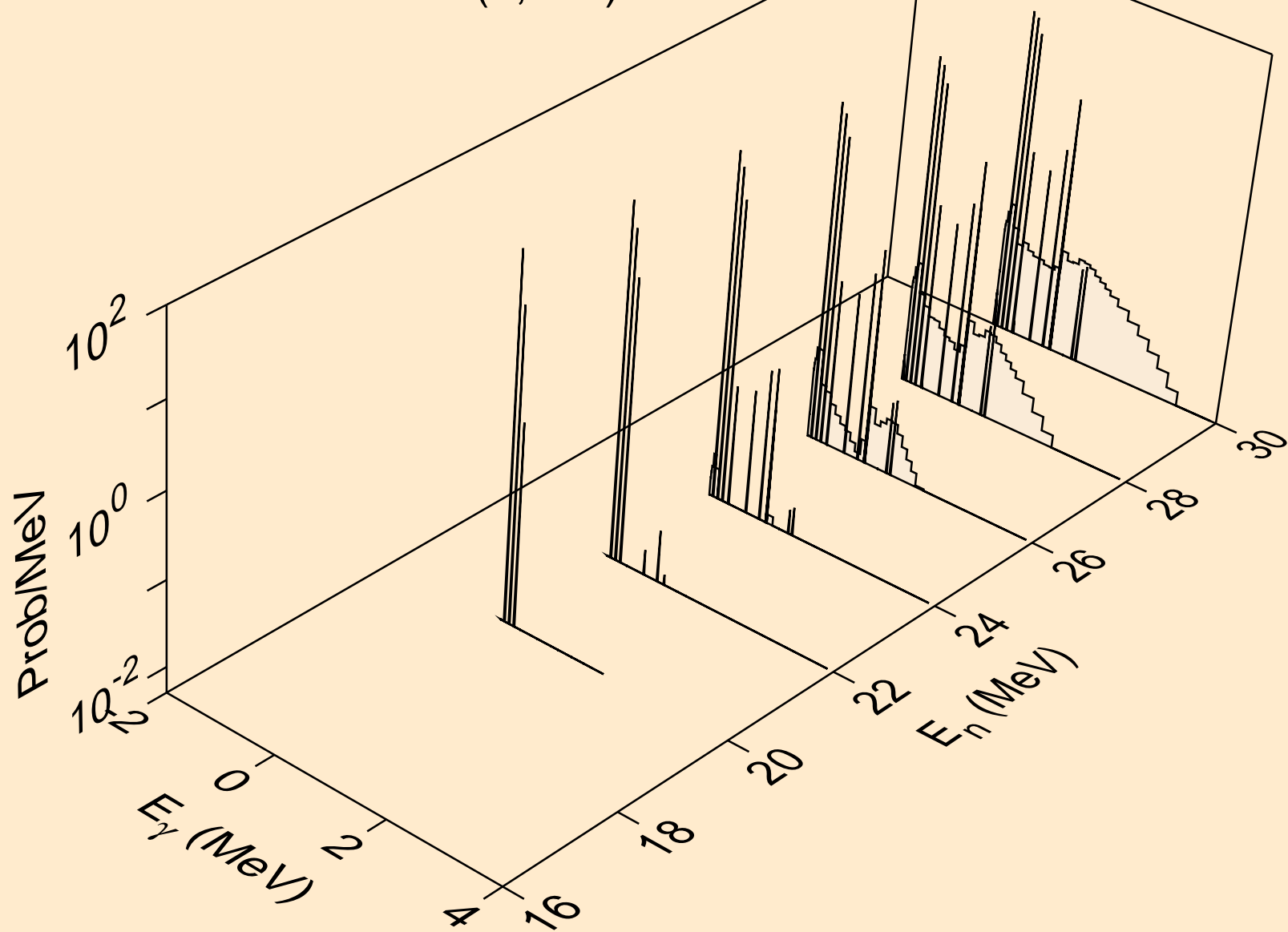
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Neutron emission for (n,n\*c)



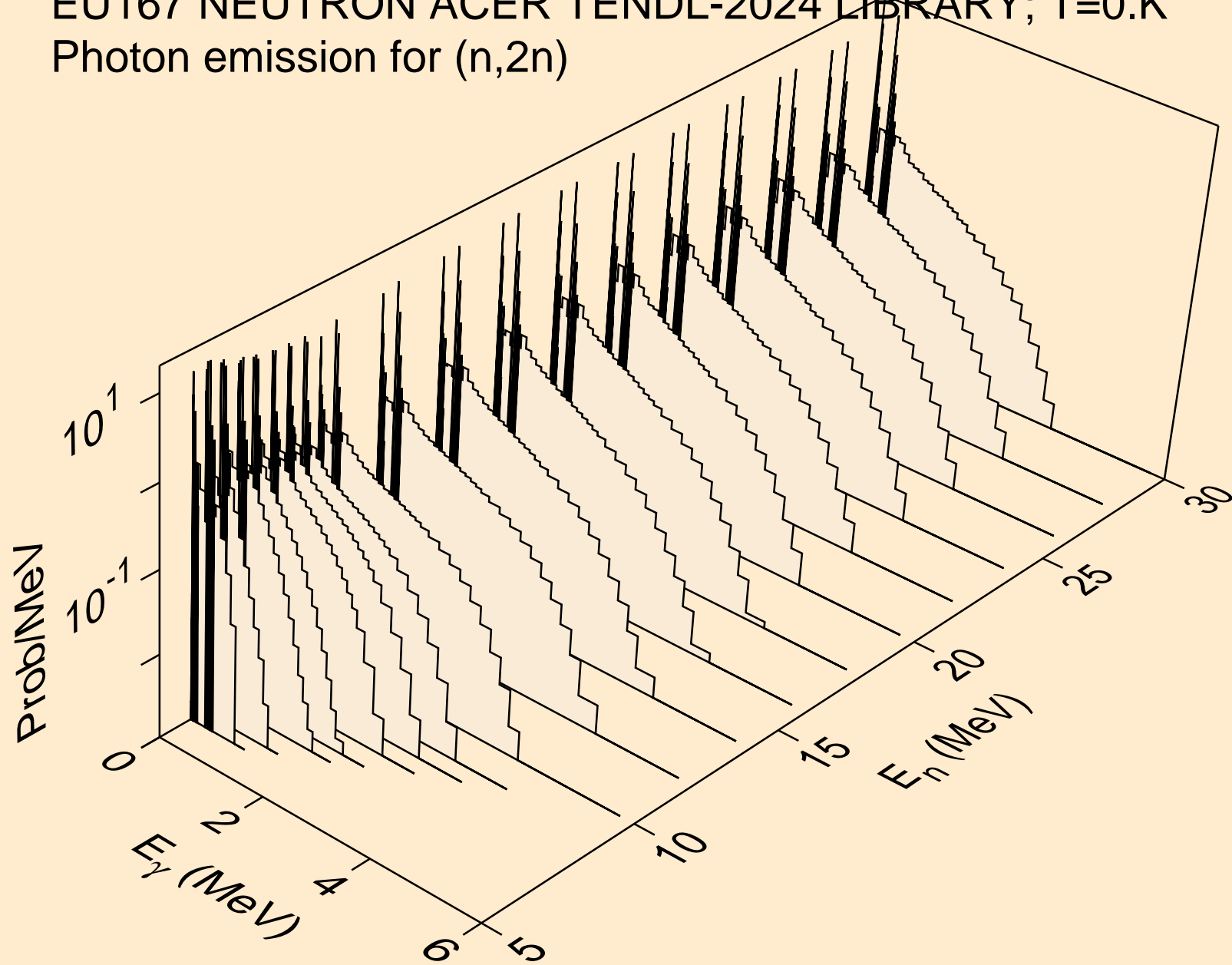
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Photon emission for (n,x)



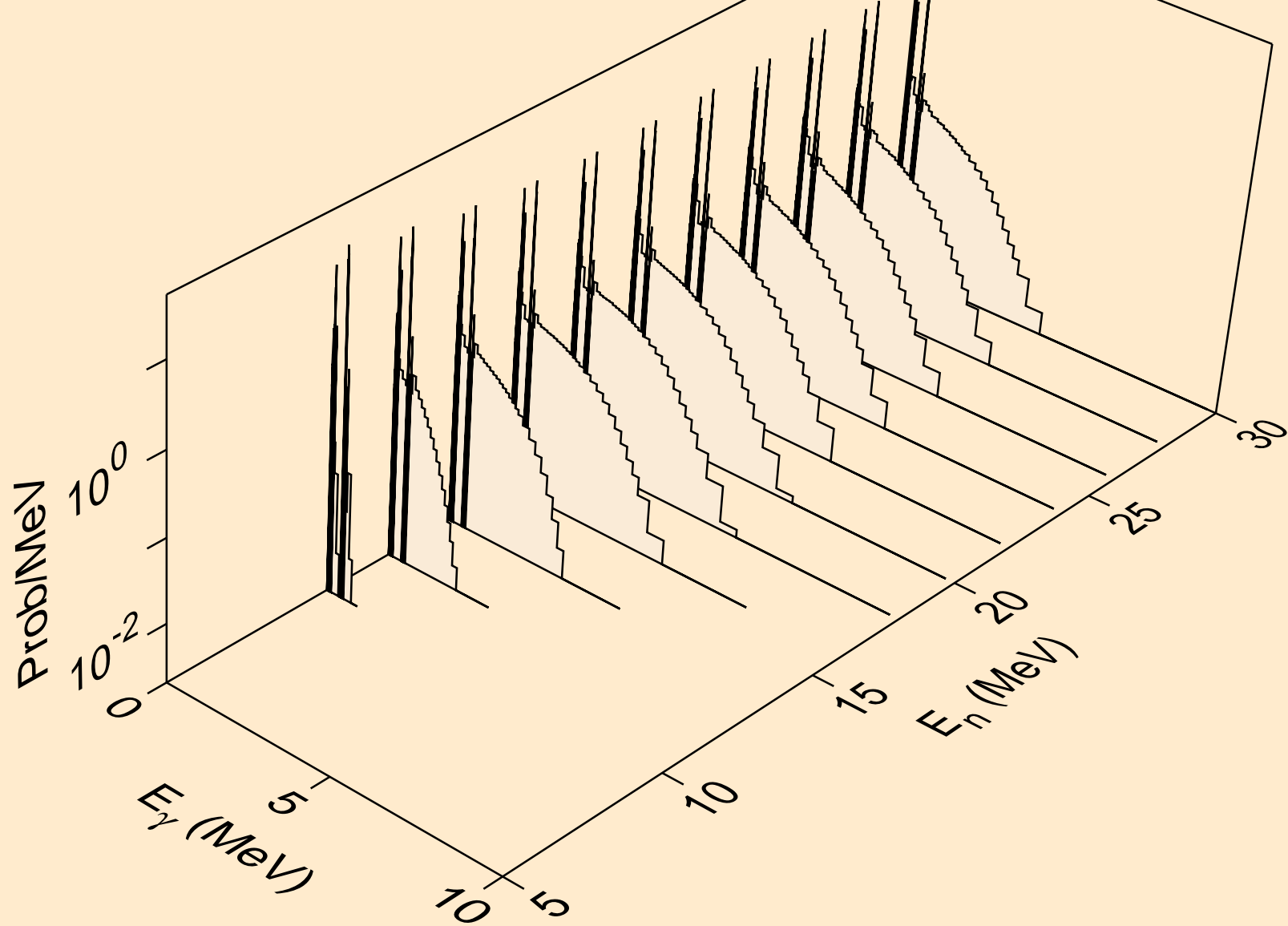
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Photon emission for (n,2nd)



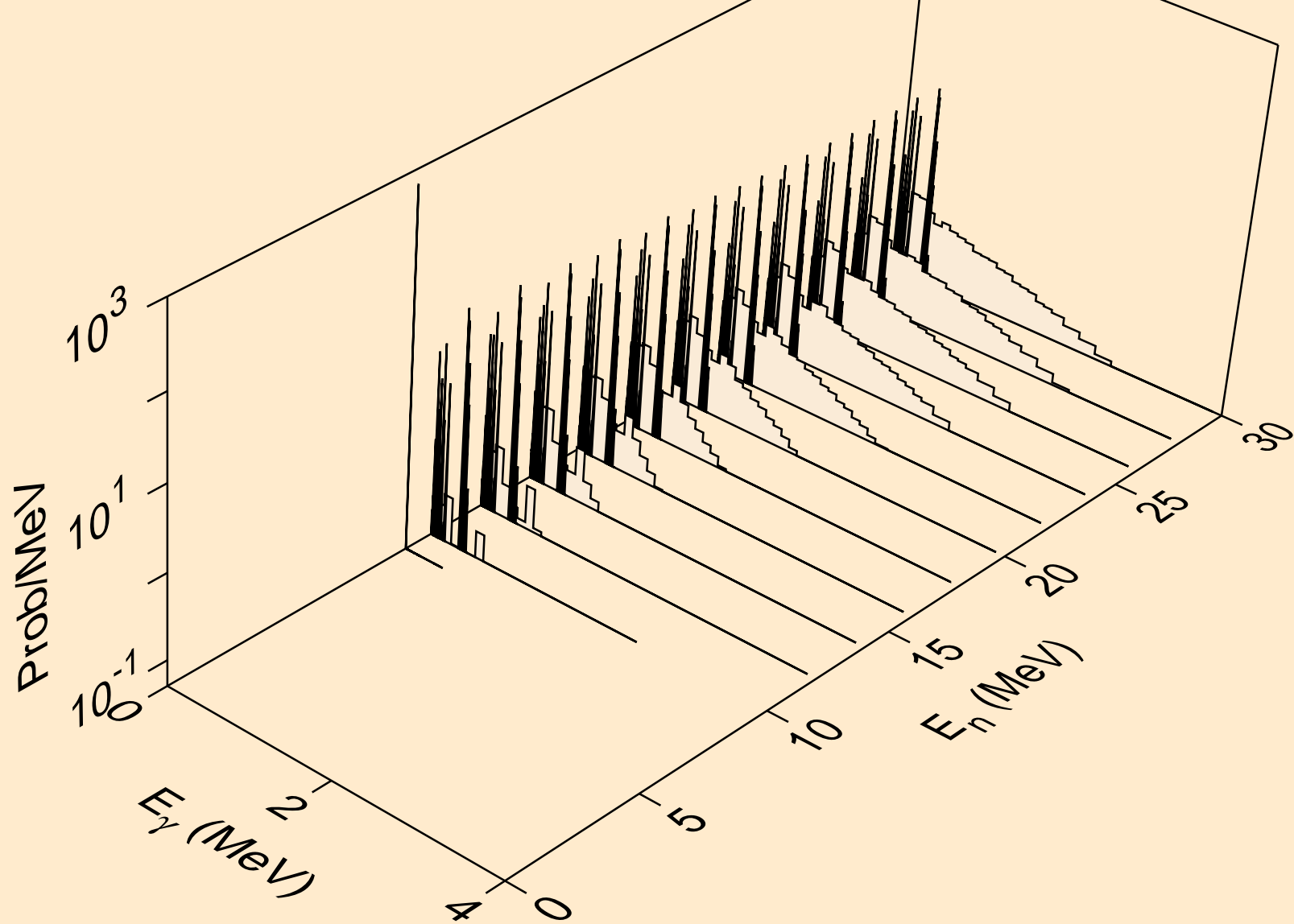
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Photon emission for (n,2n)



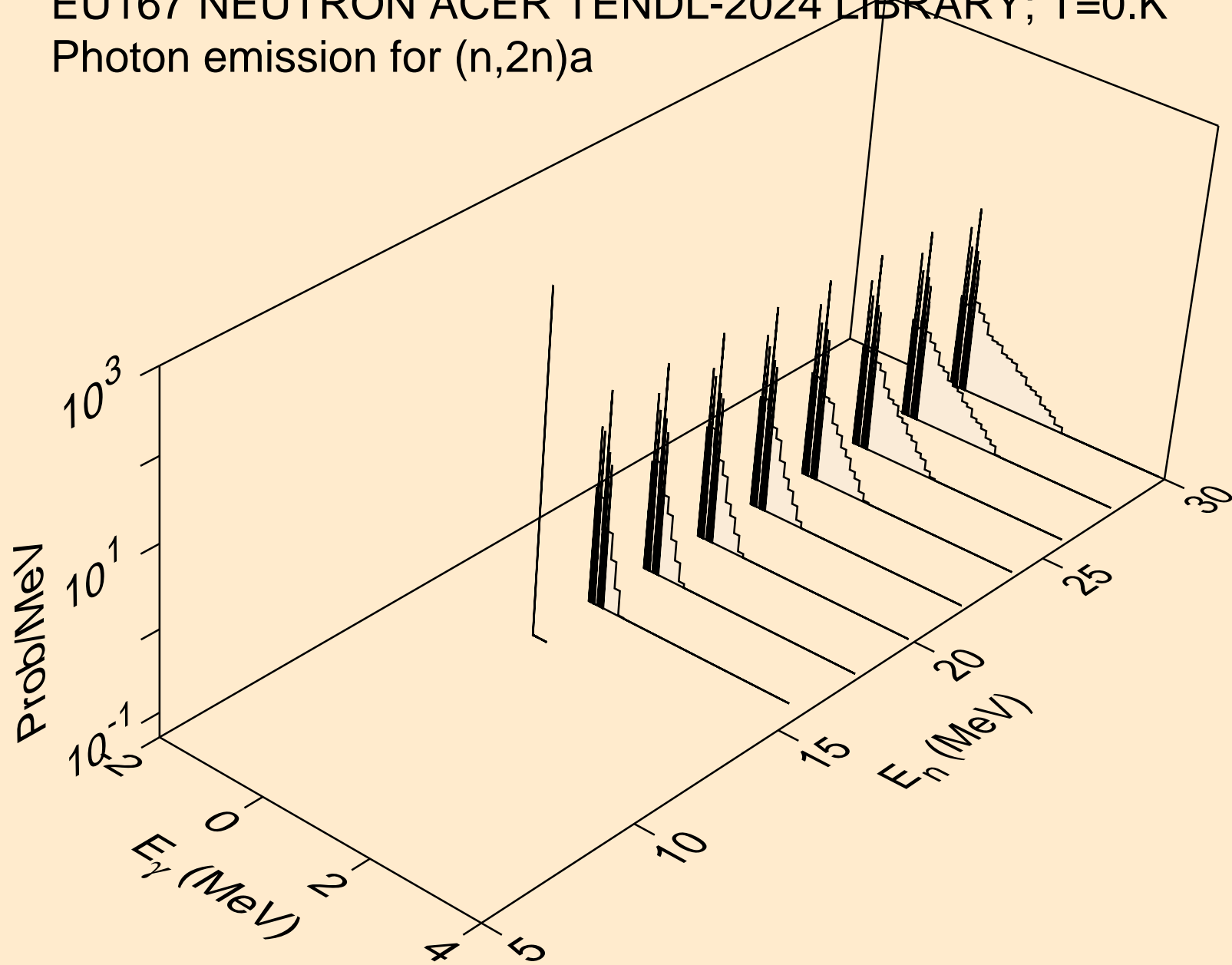
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Photon emission for (n,3n)



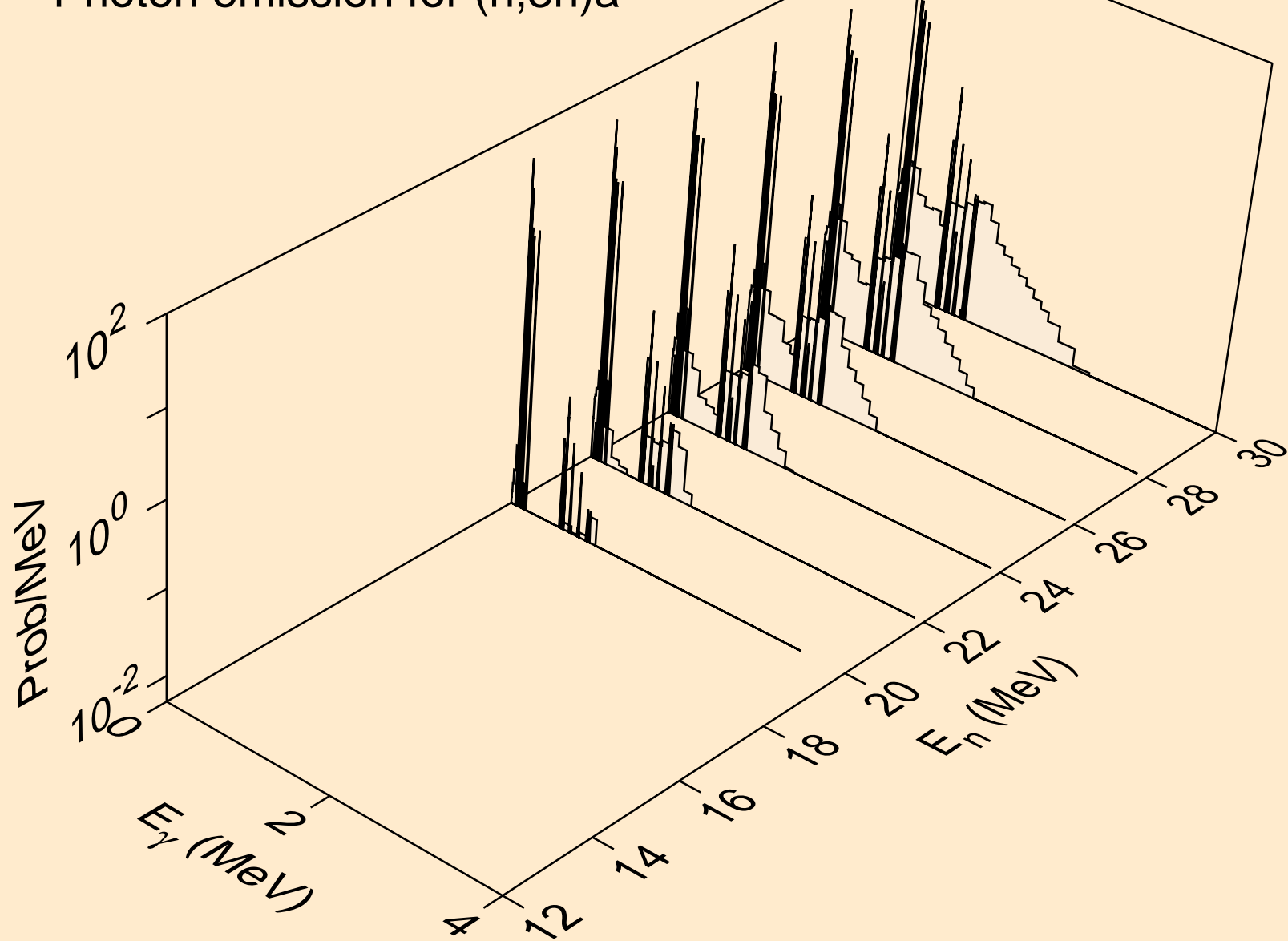
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

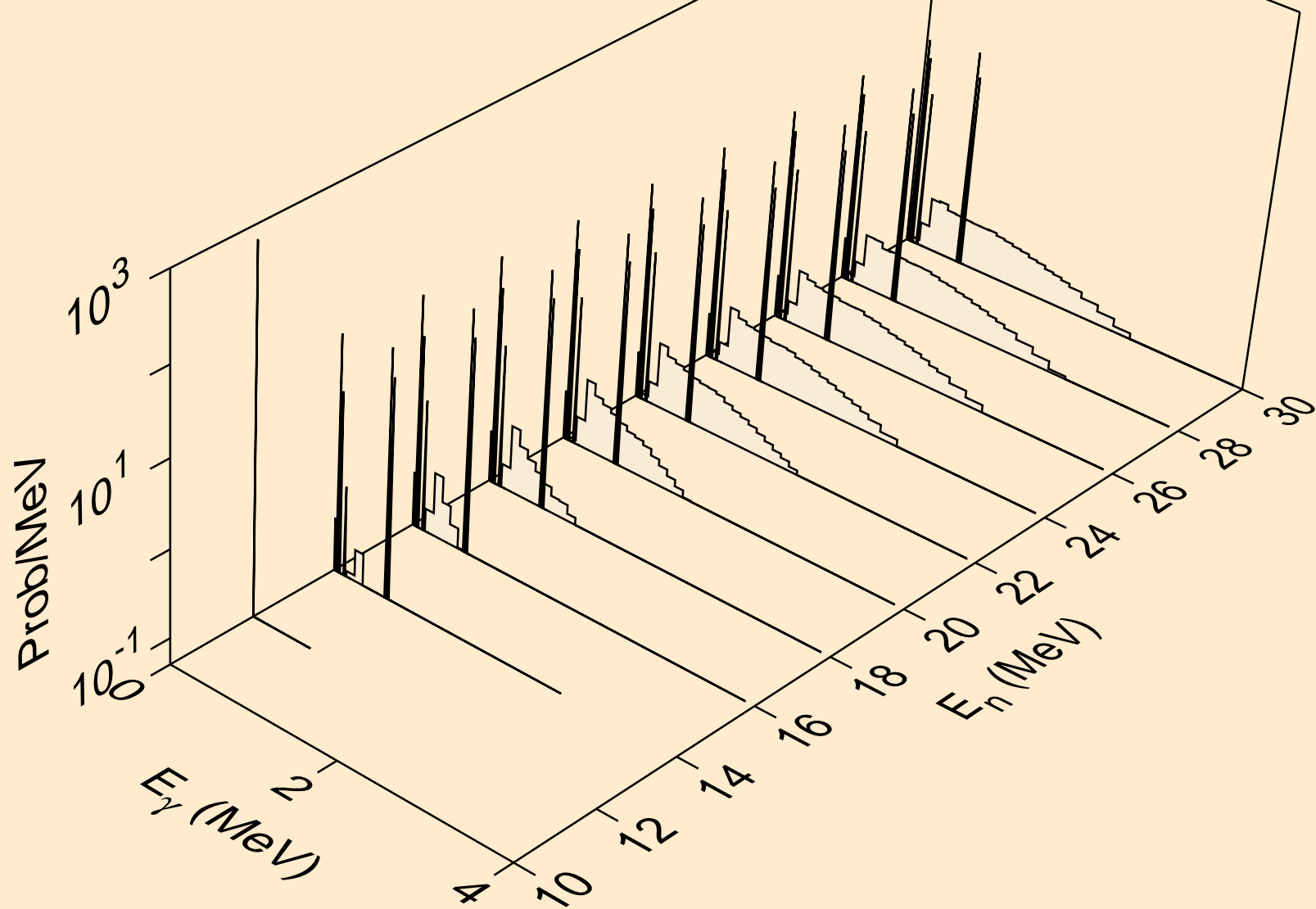


EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

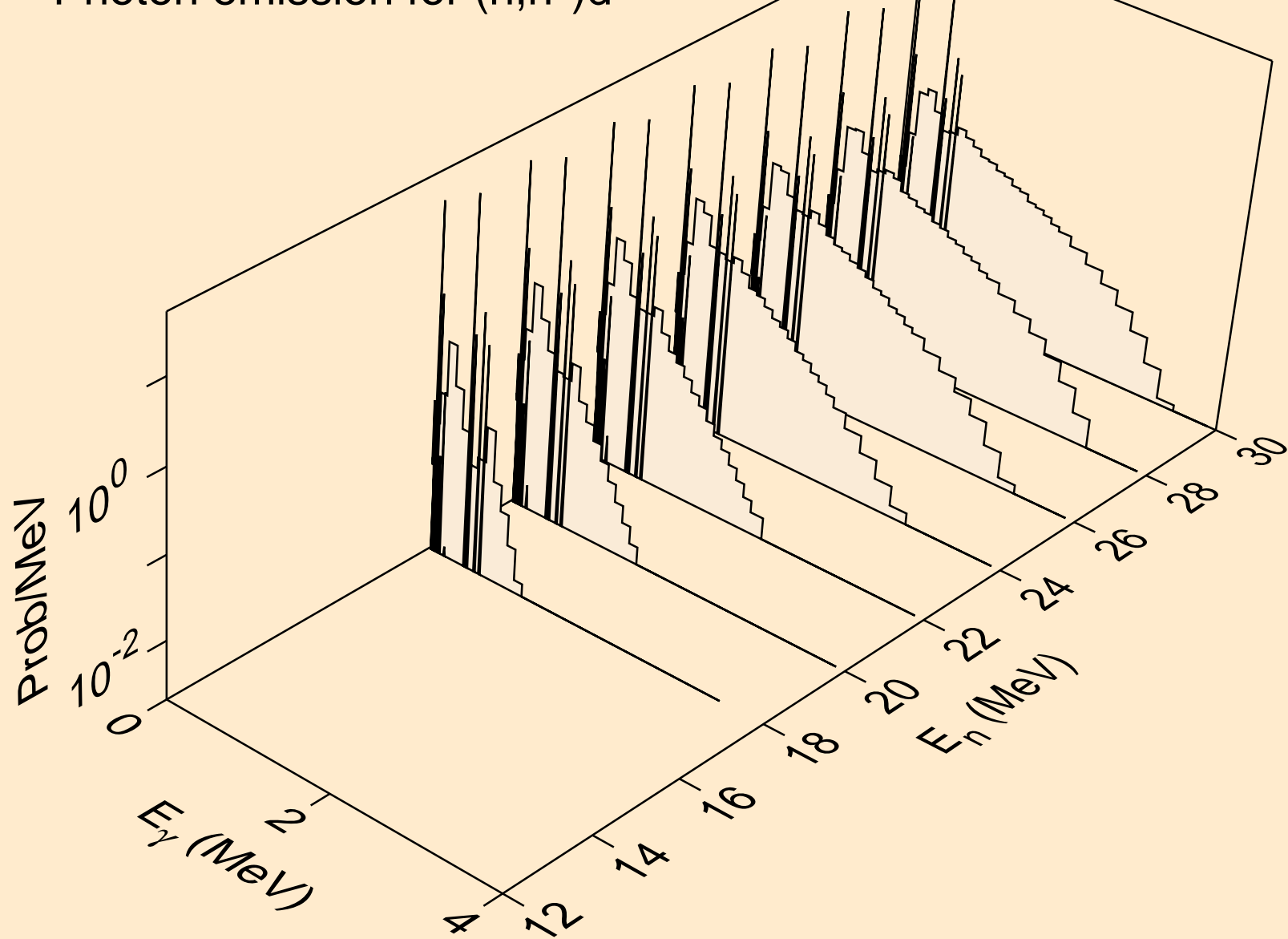




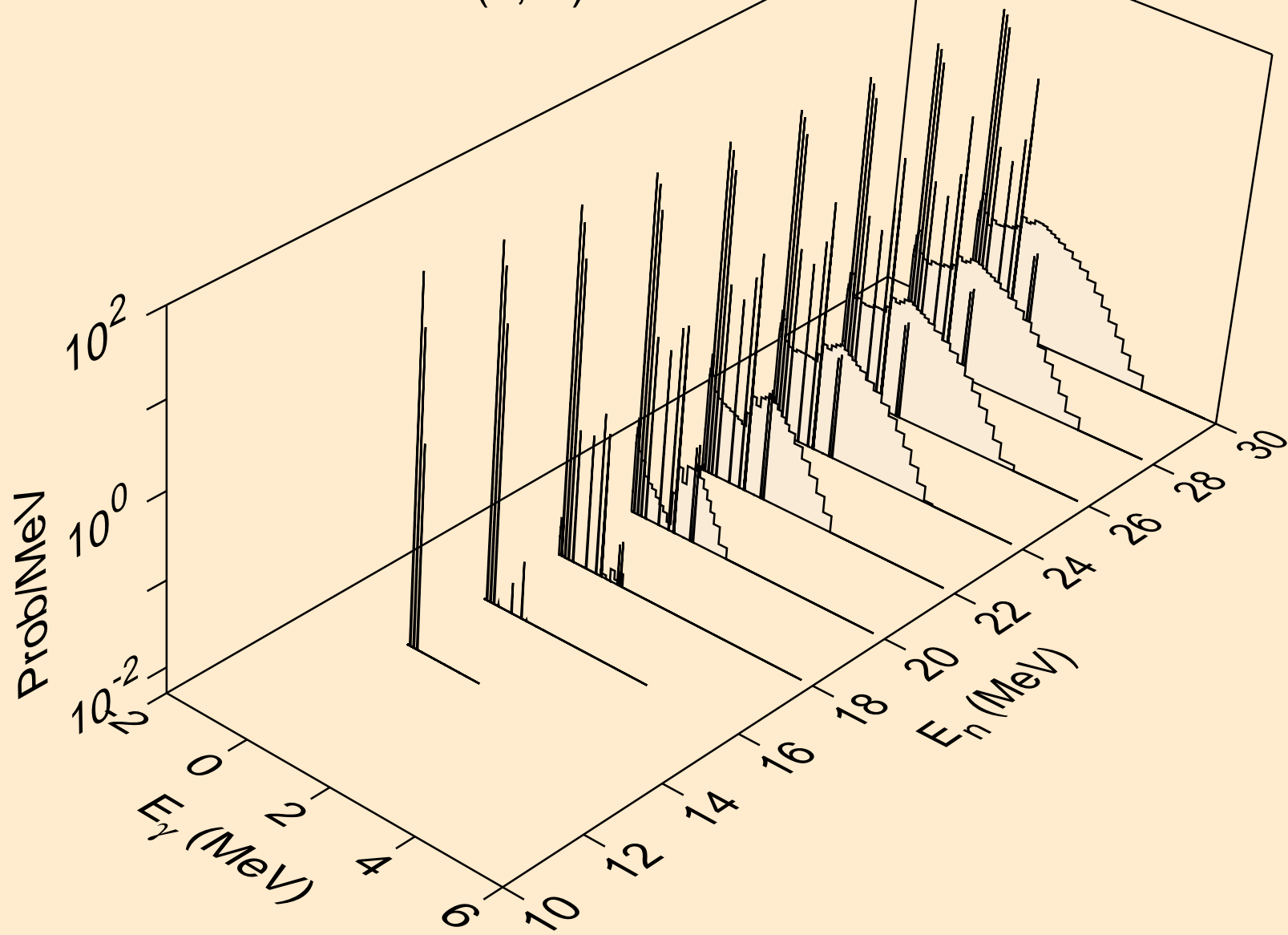
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



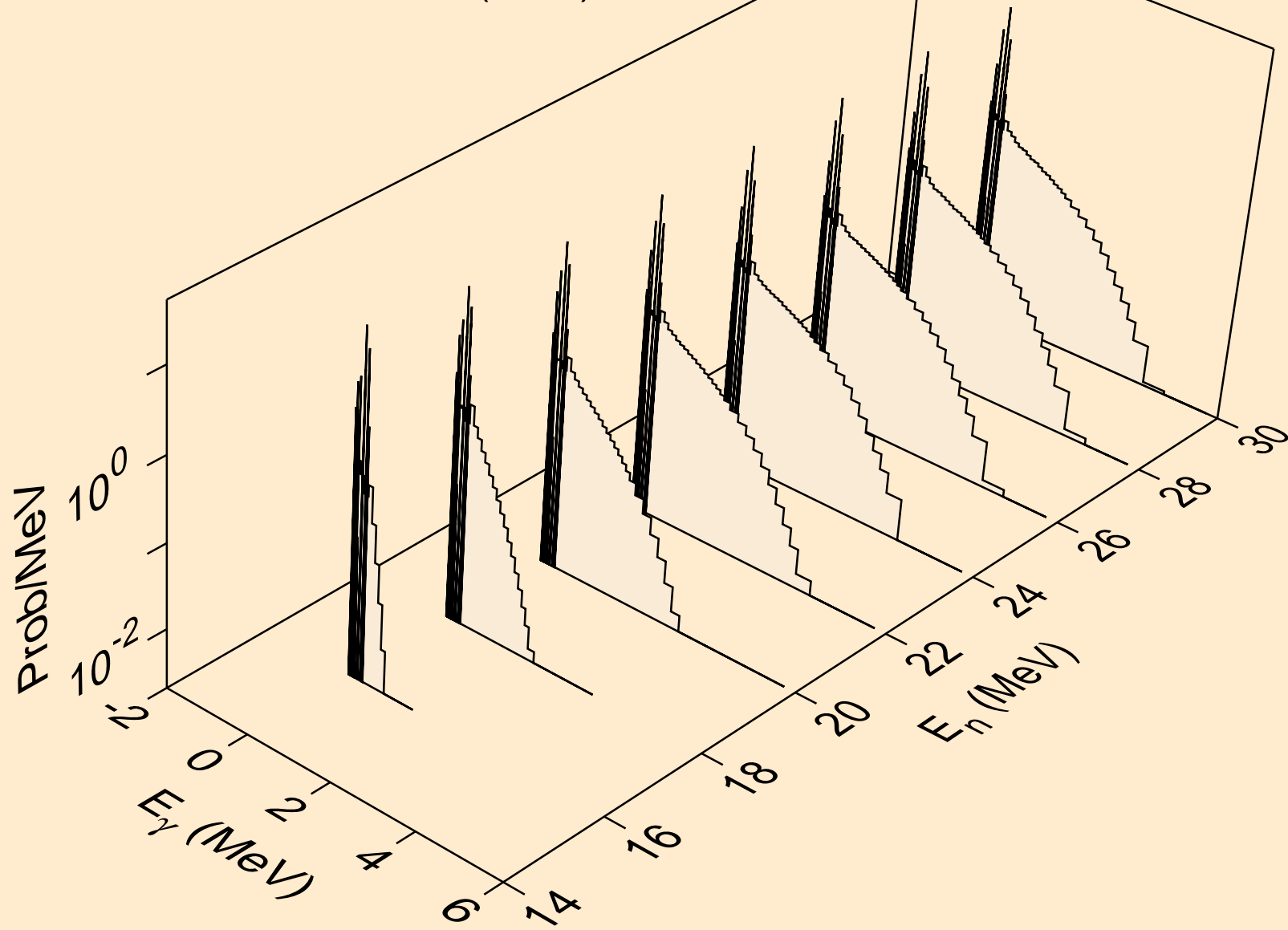
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Photon emission for (n,n\*)d



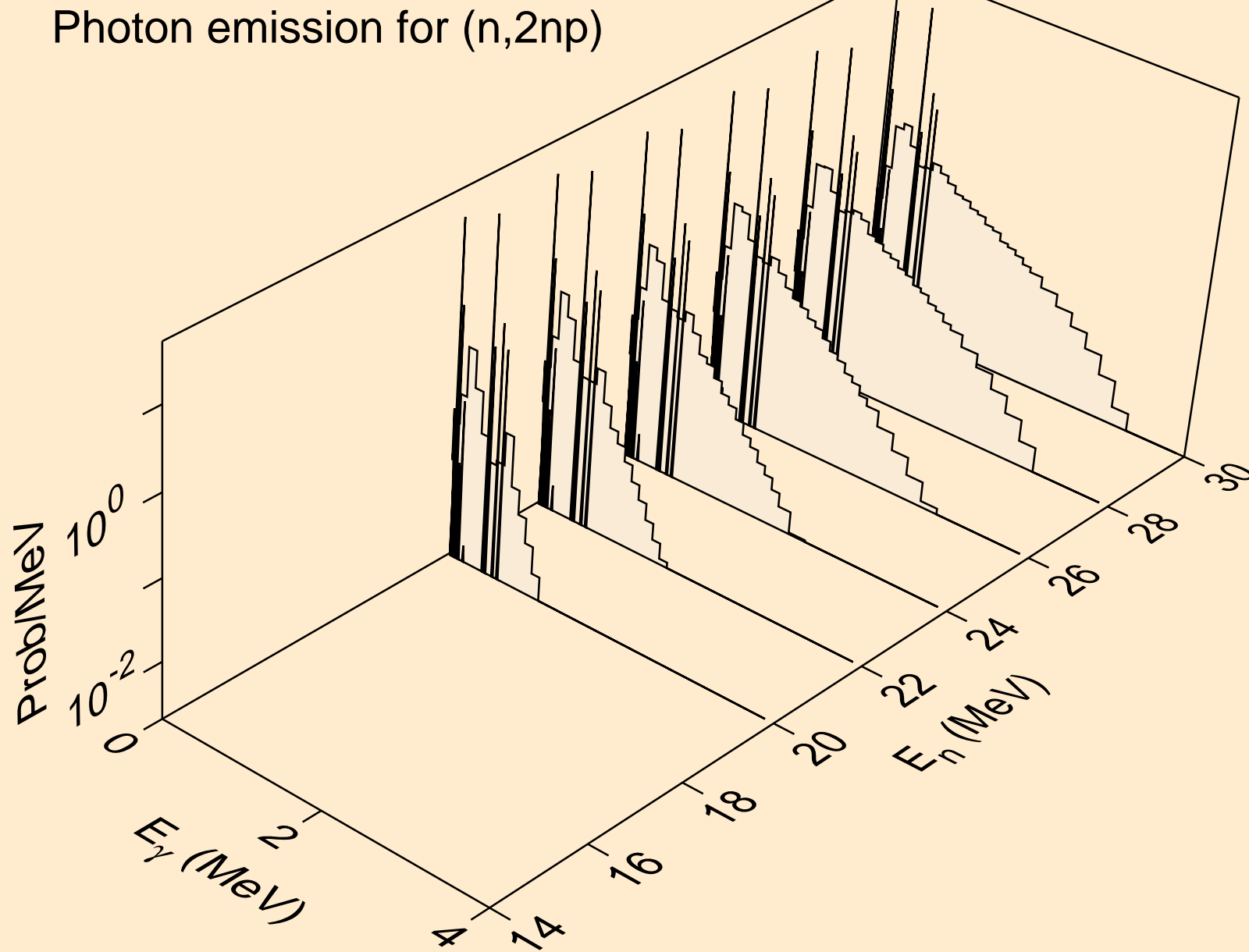
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Photon emission for (n,n\*)t



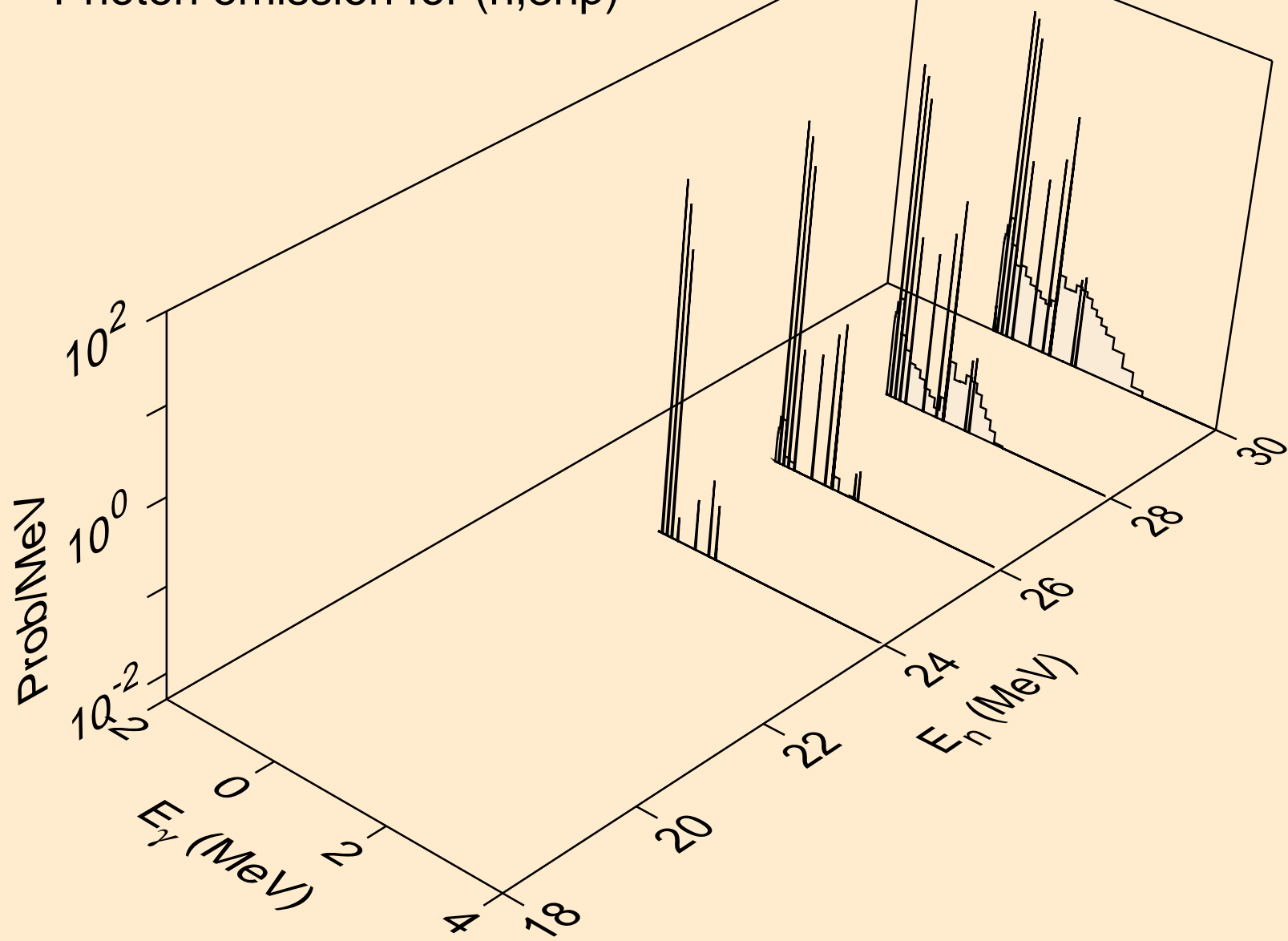
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Photon emission for (n,4n)



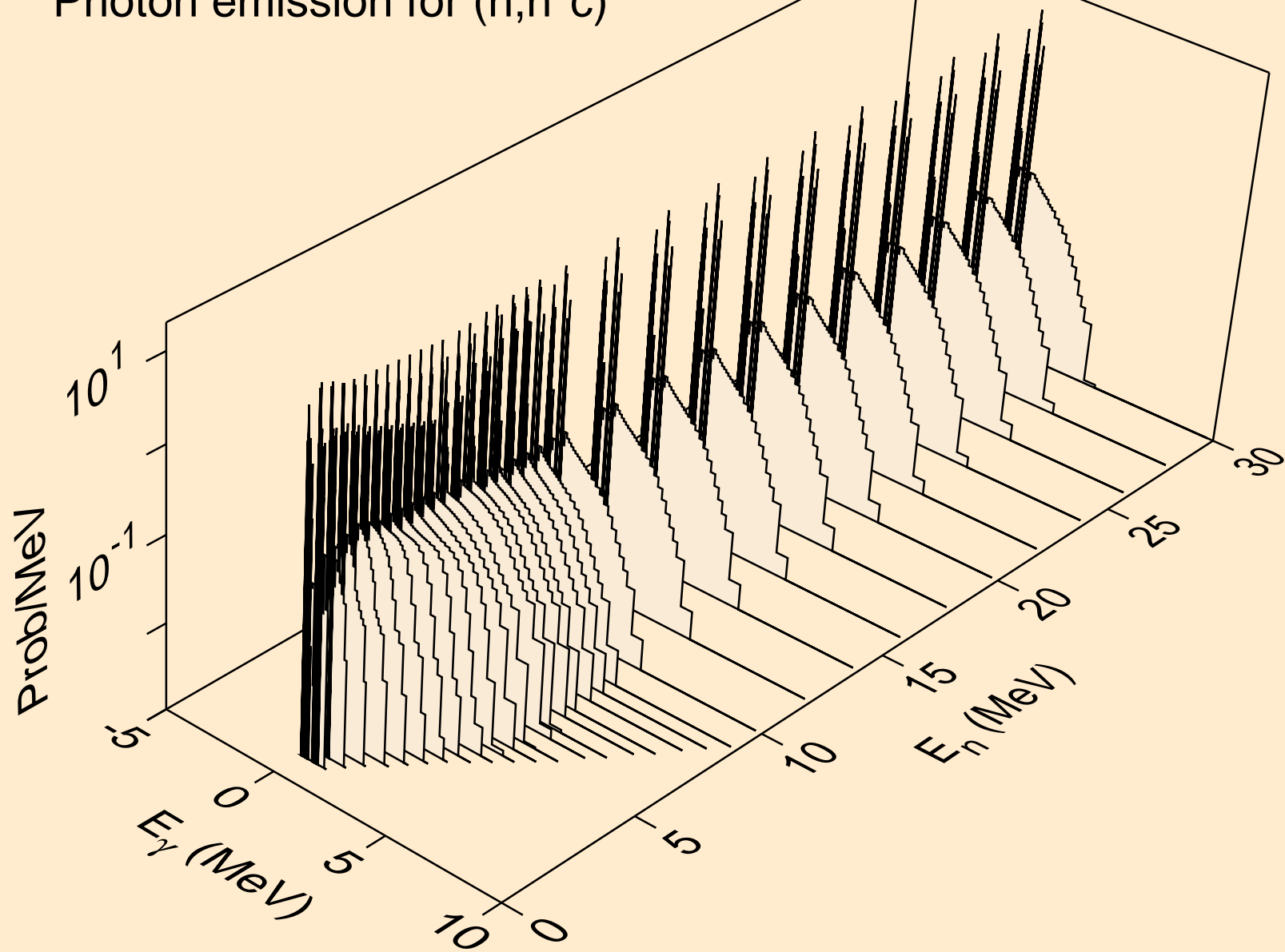
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Photon emission for (n,2np)



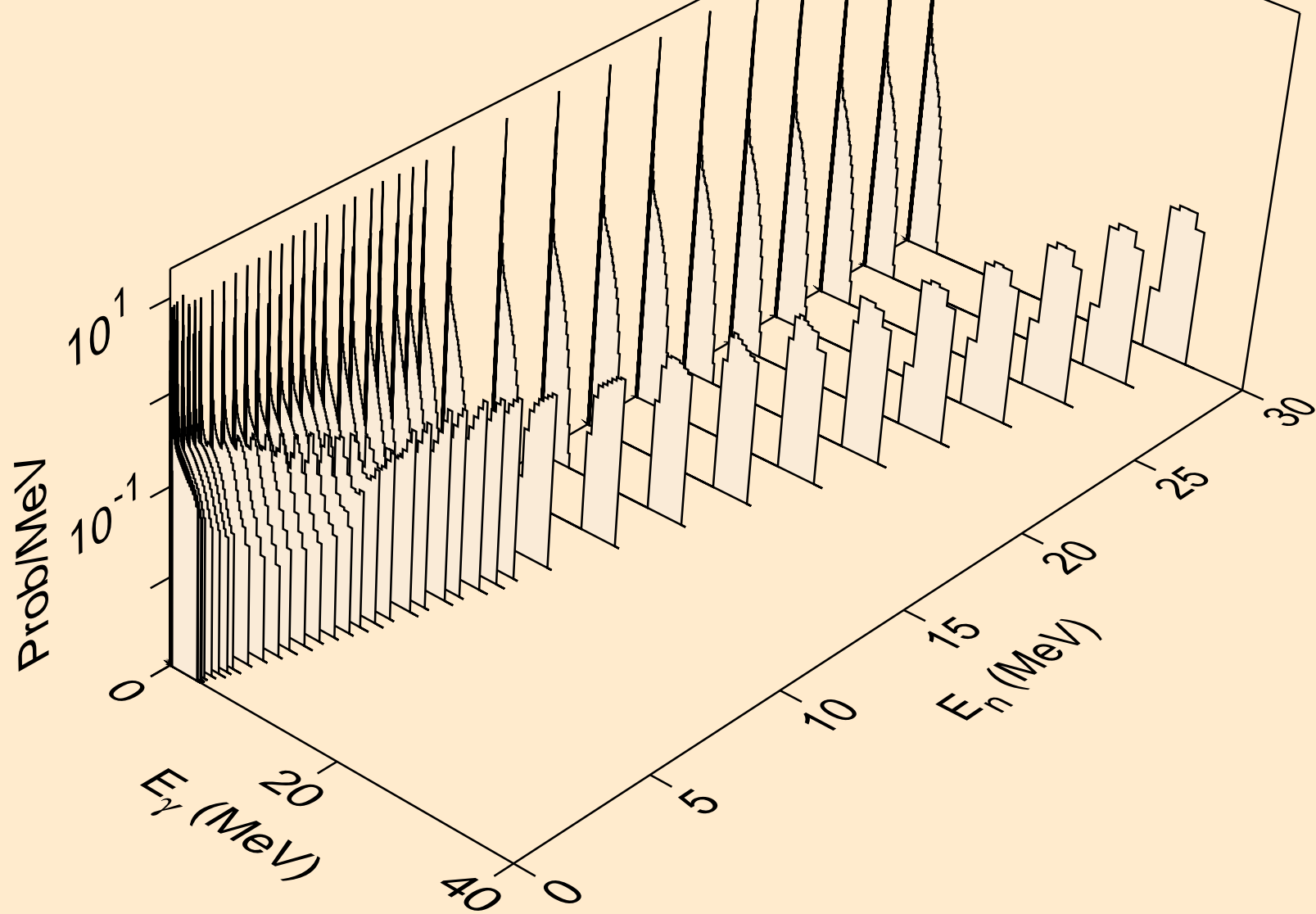
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

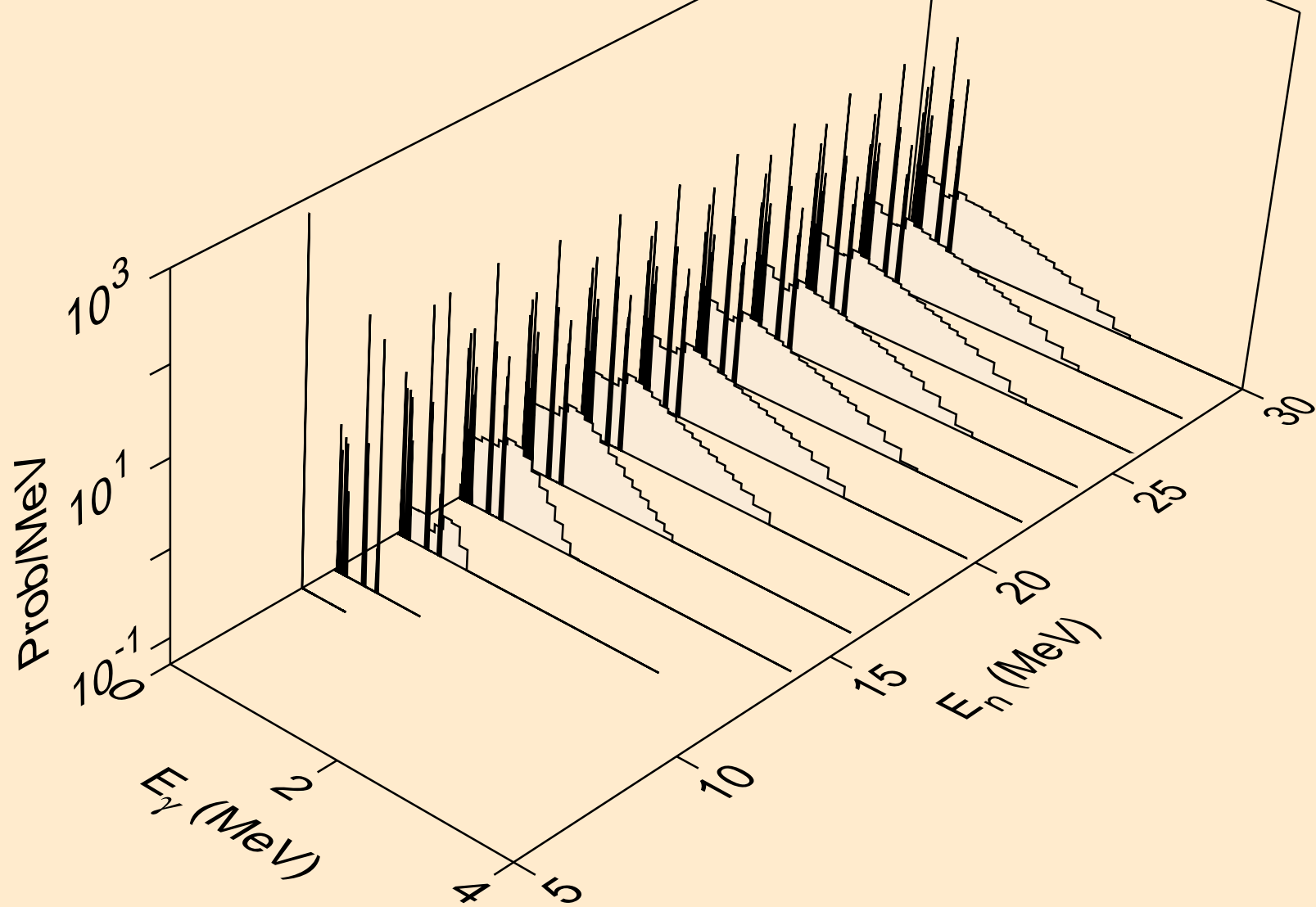


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Photon emission for (n,gma)

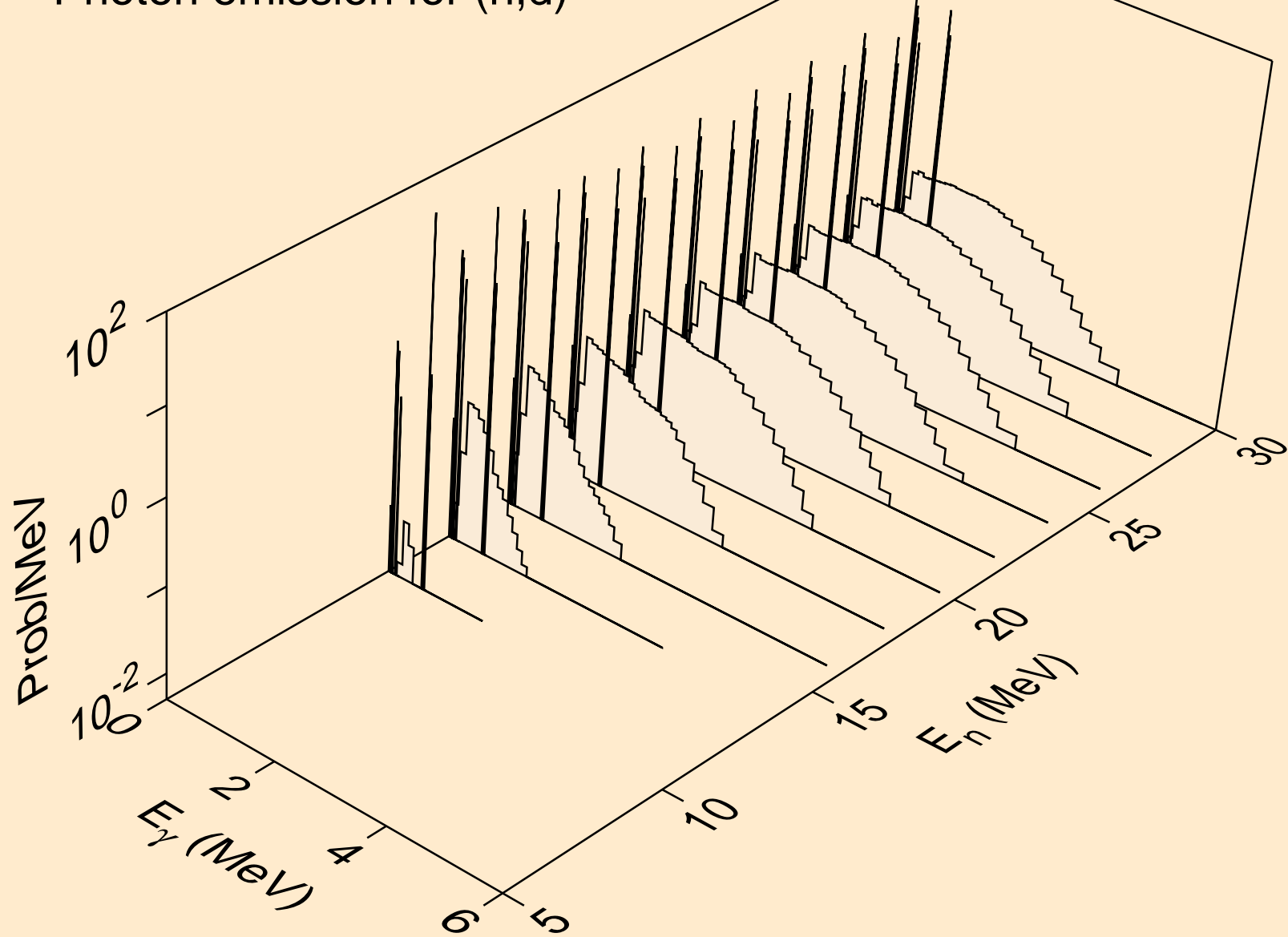




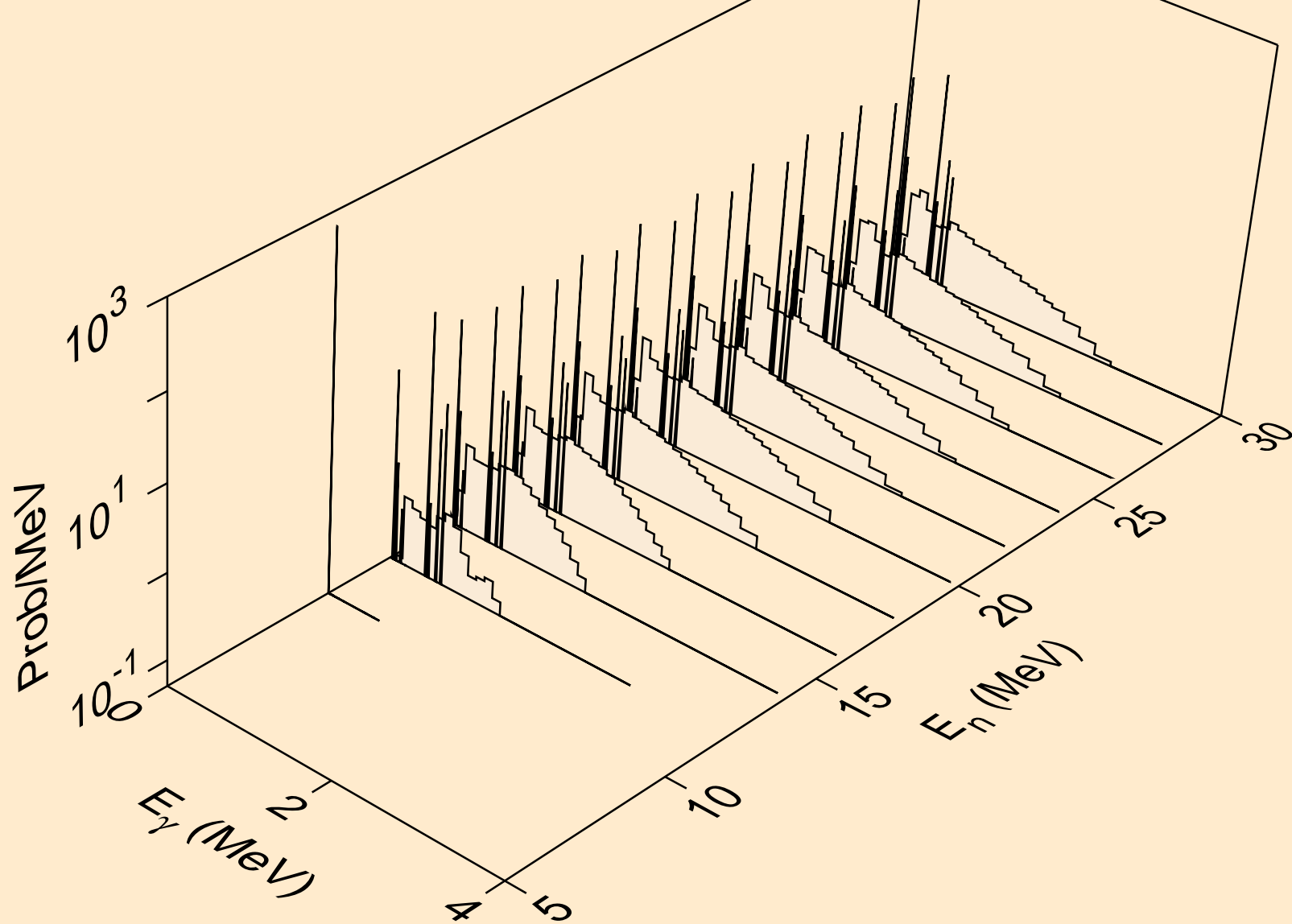
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Photon emission for (n,p)



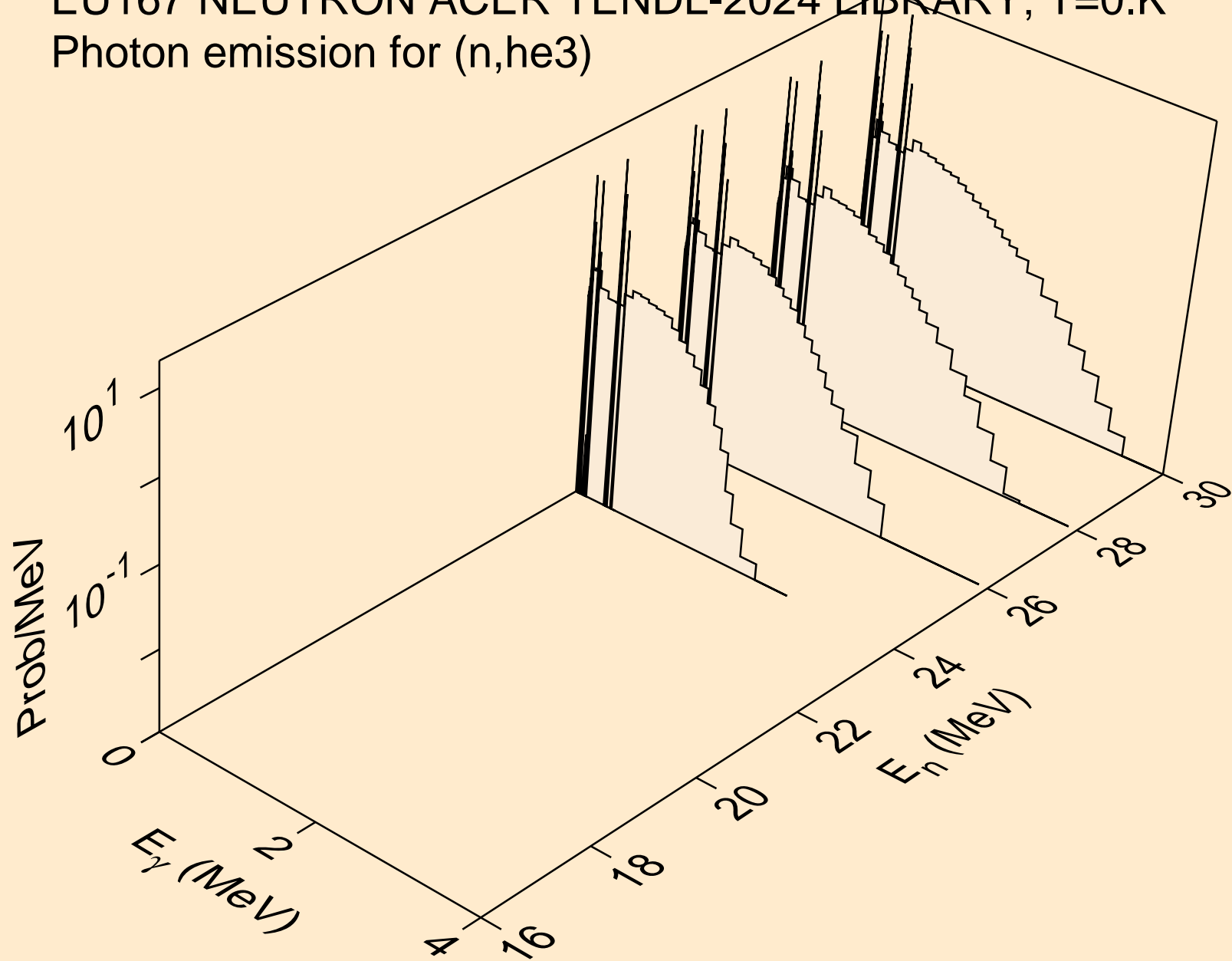
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Photon emission for (n,d)



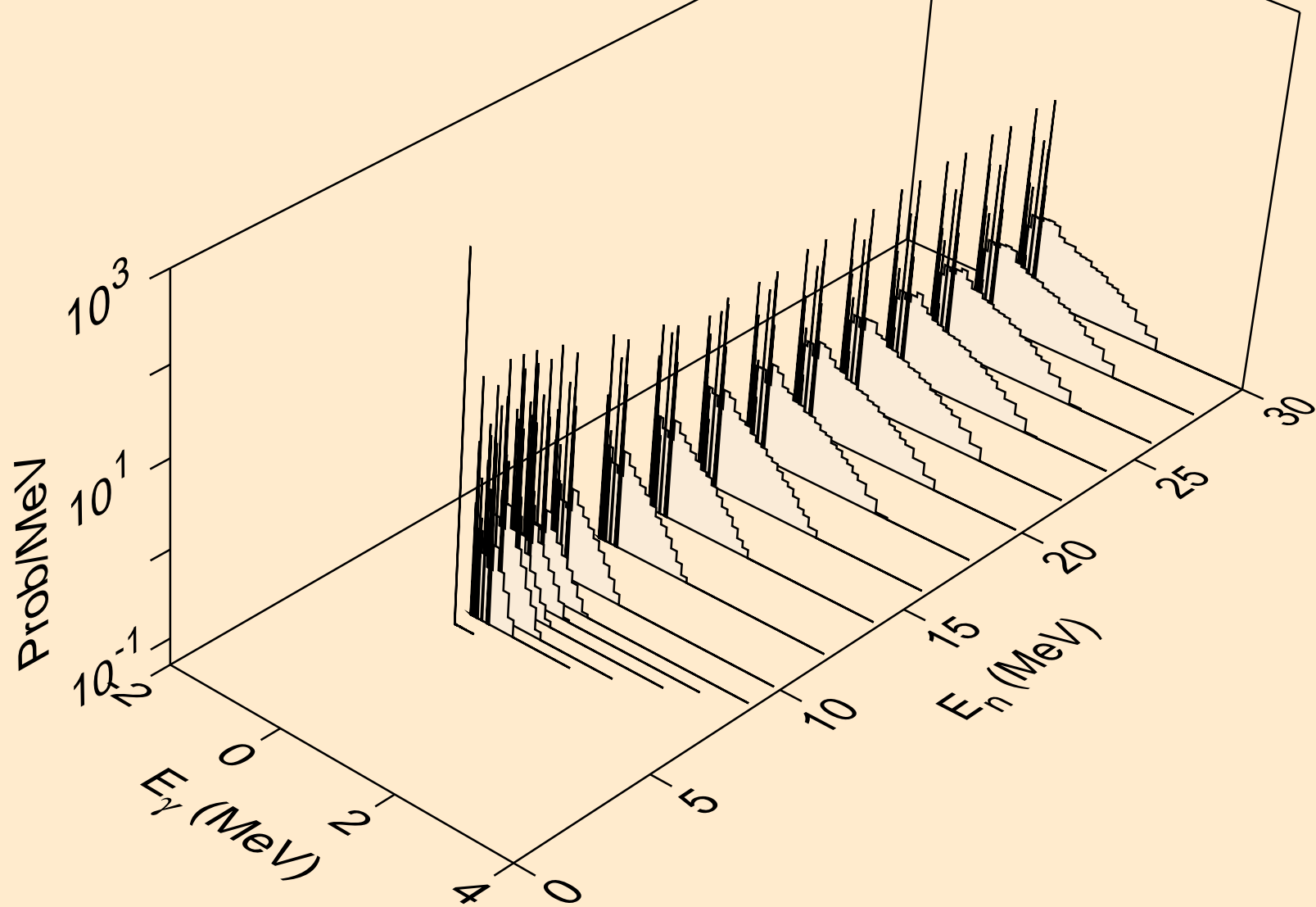
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Photon emission for (n,t)



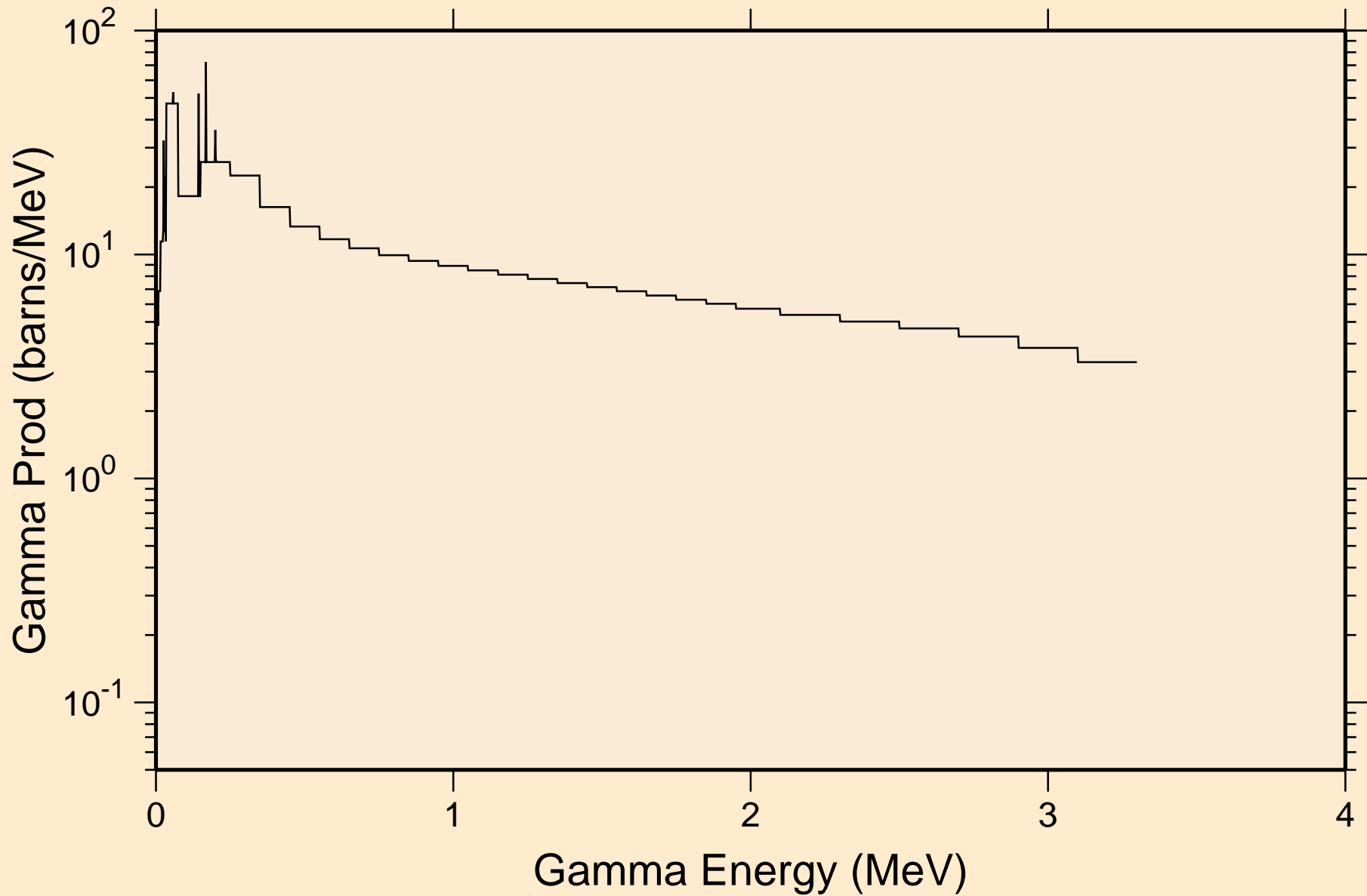
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Photon emission for (n,he3)



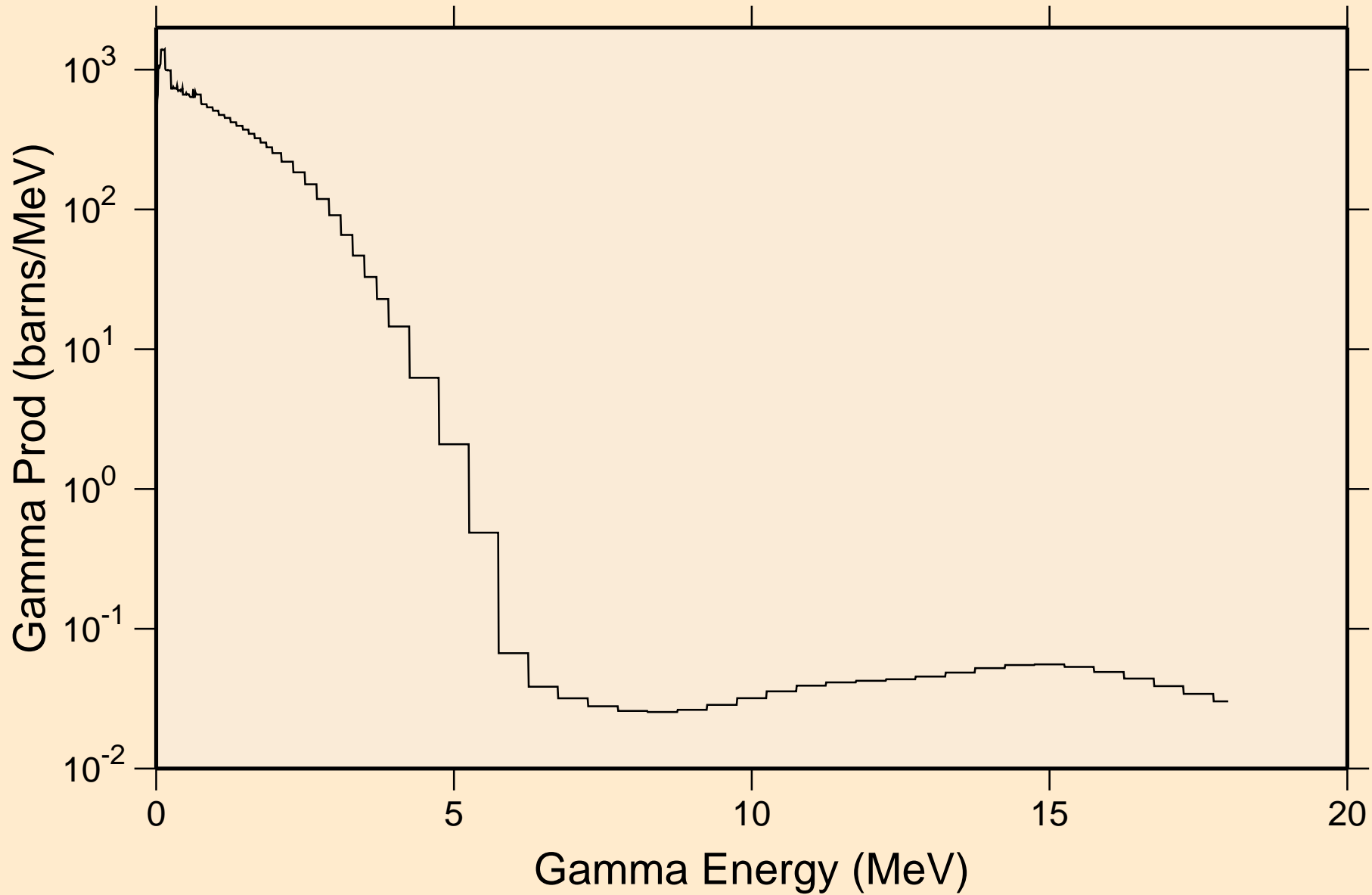
EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

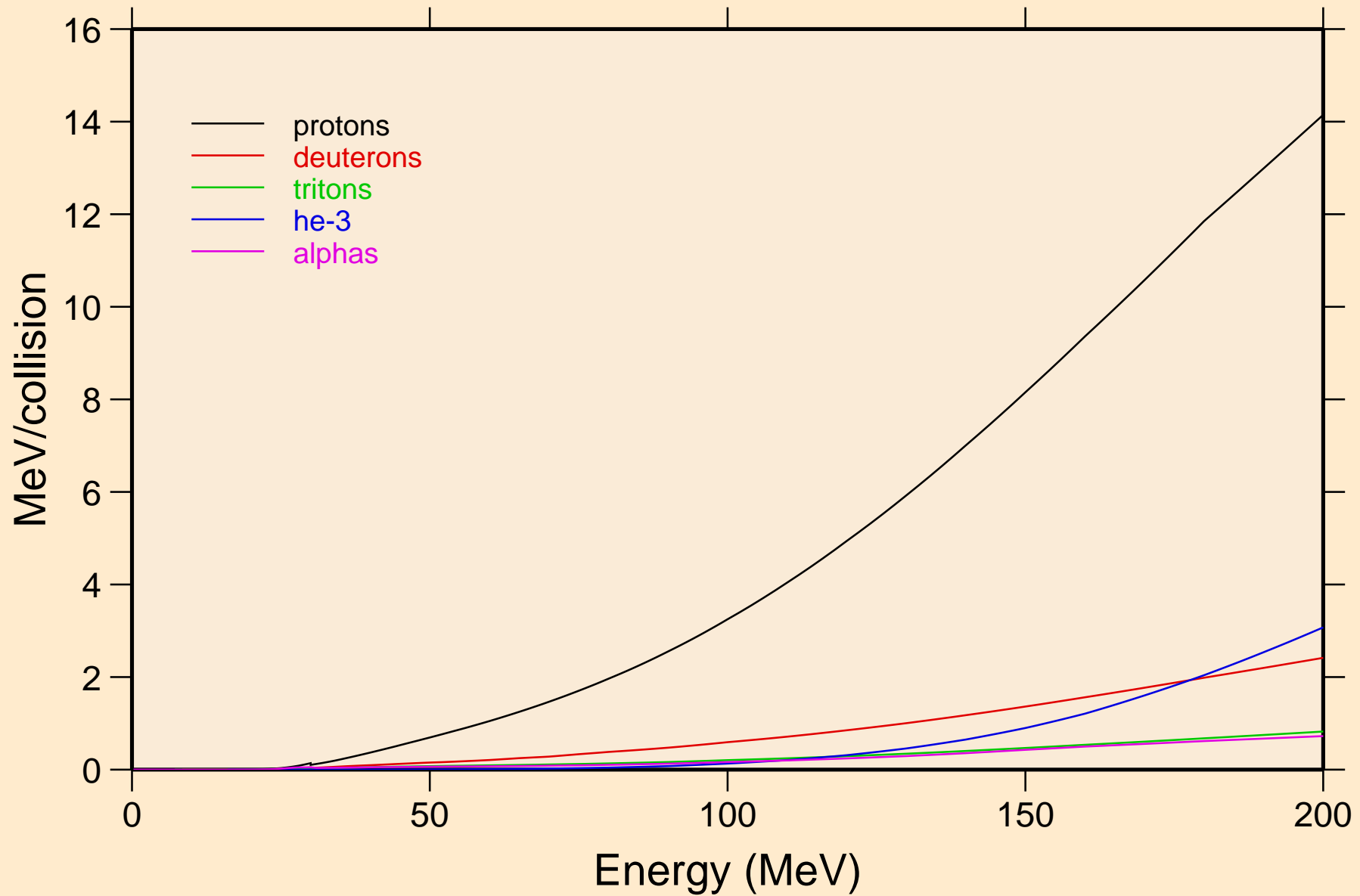


EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



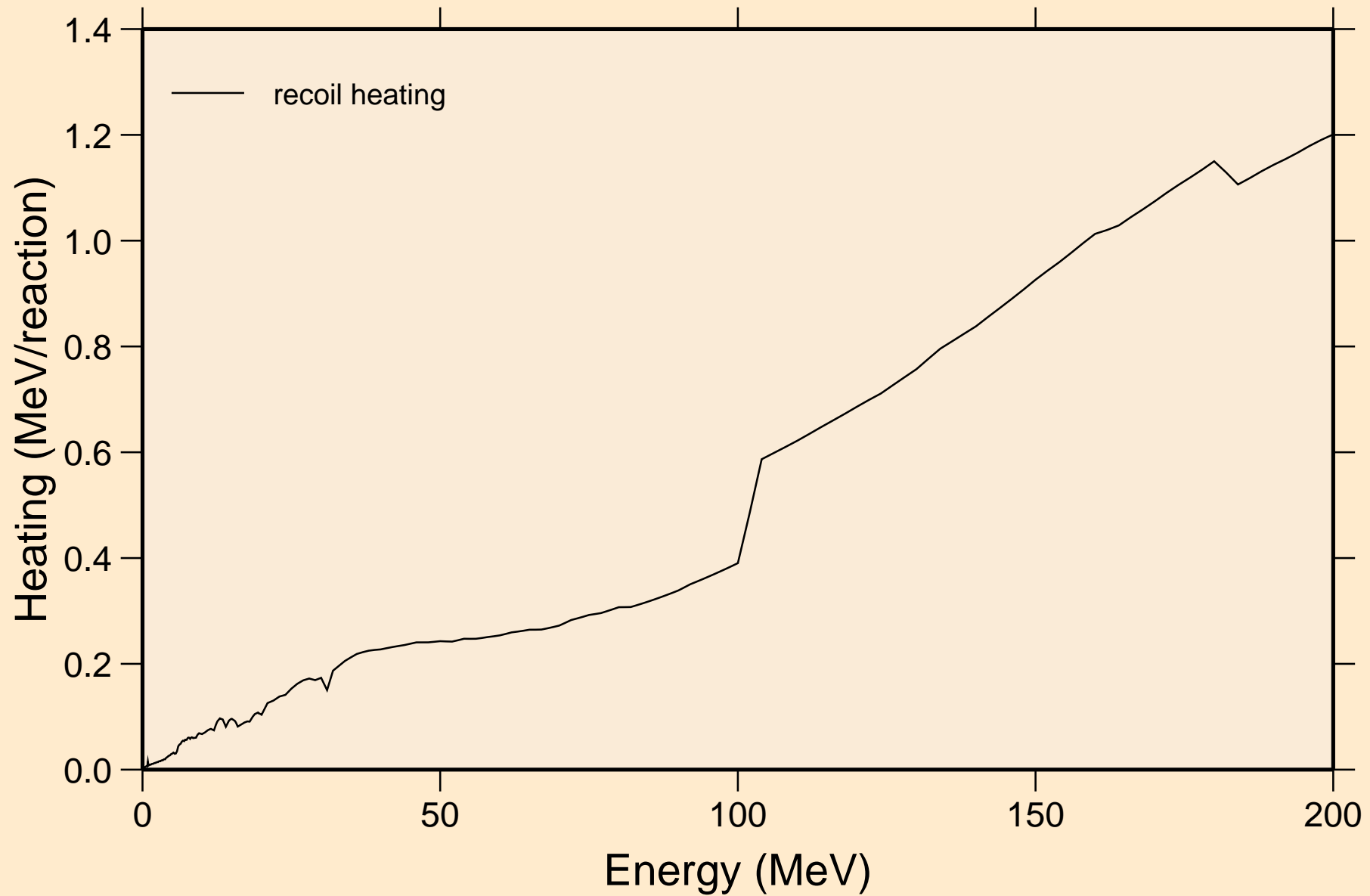
# EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

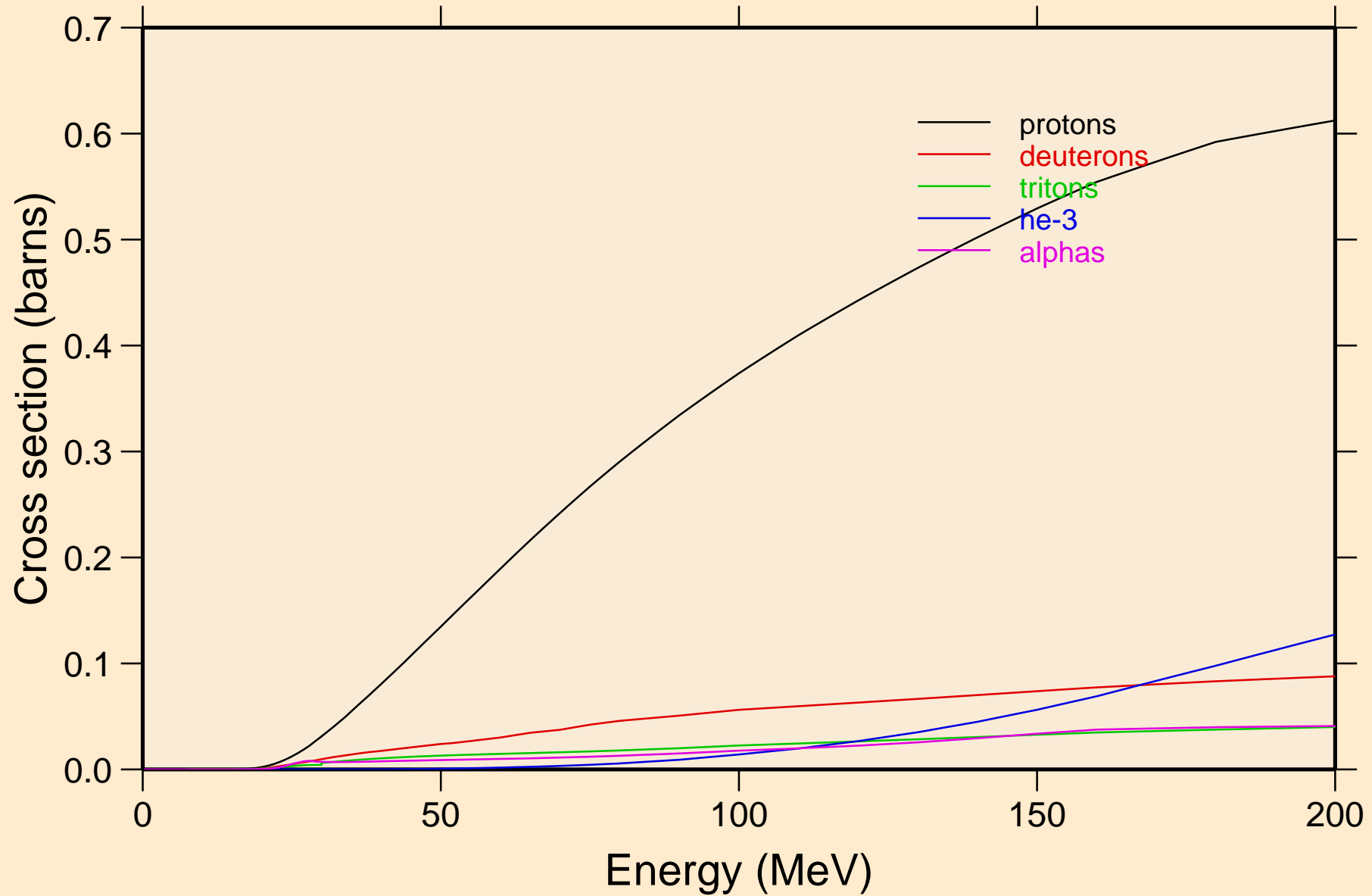




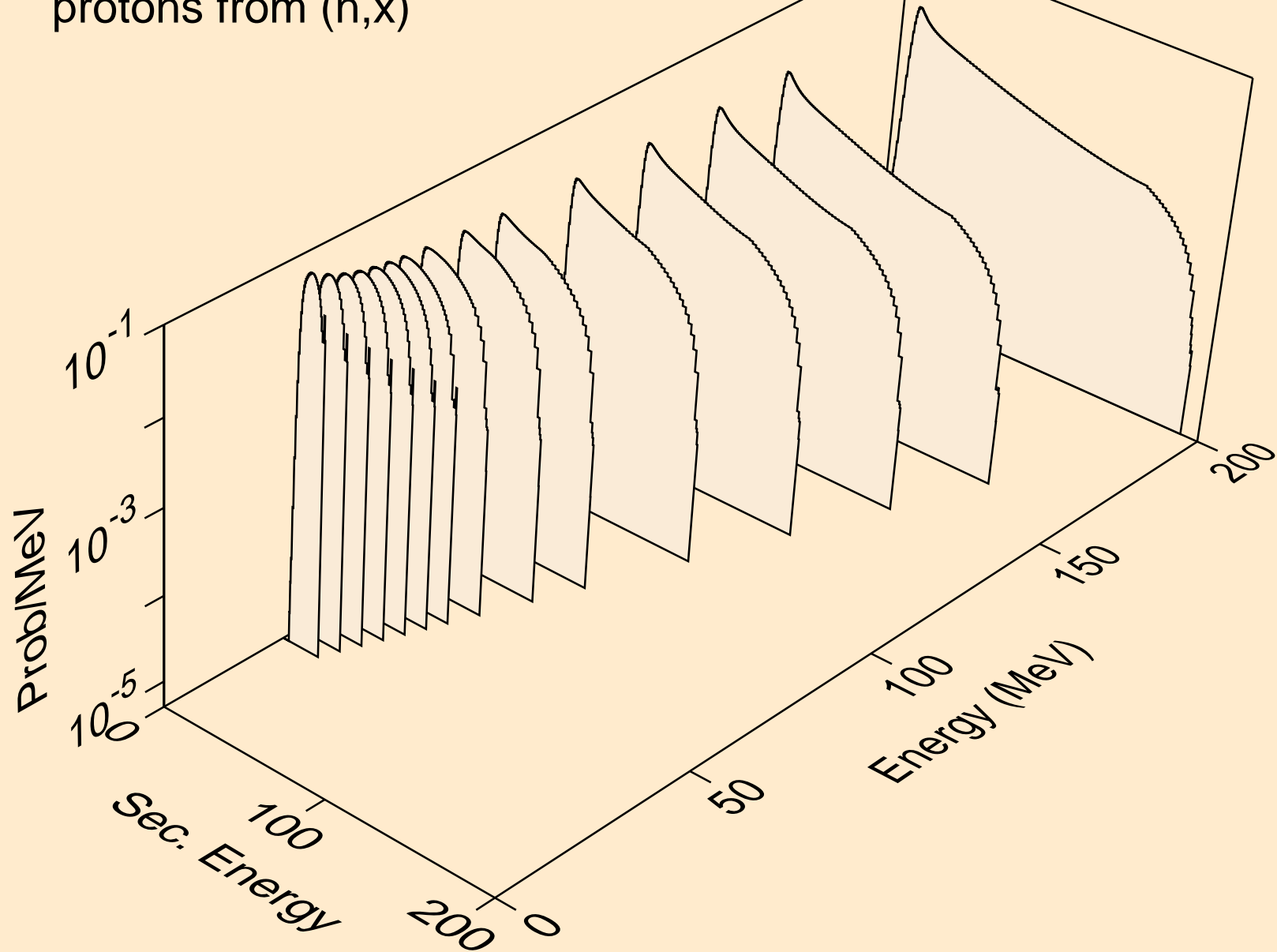
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Recoil Heating



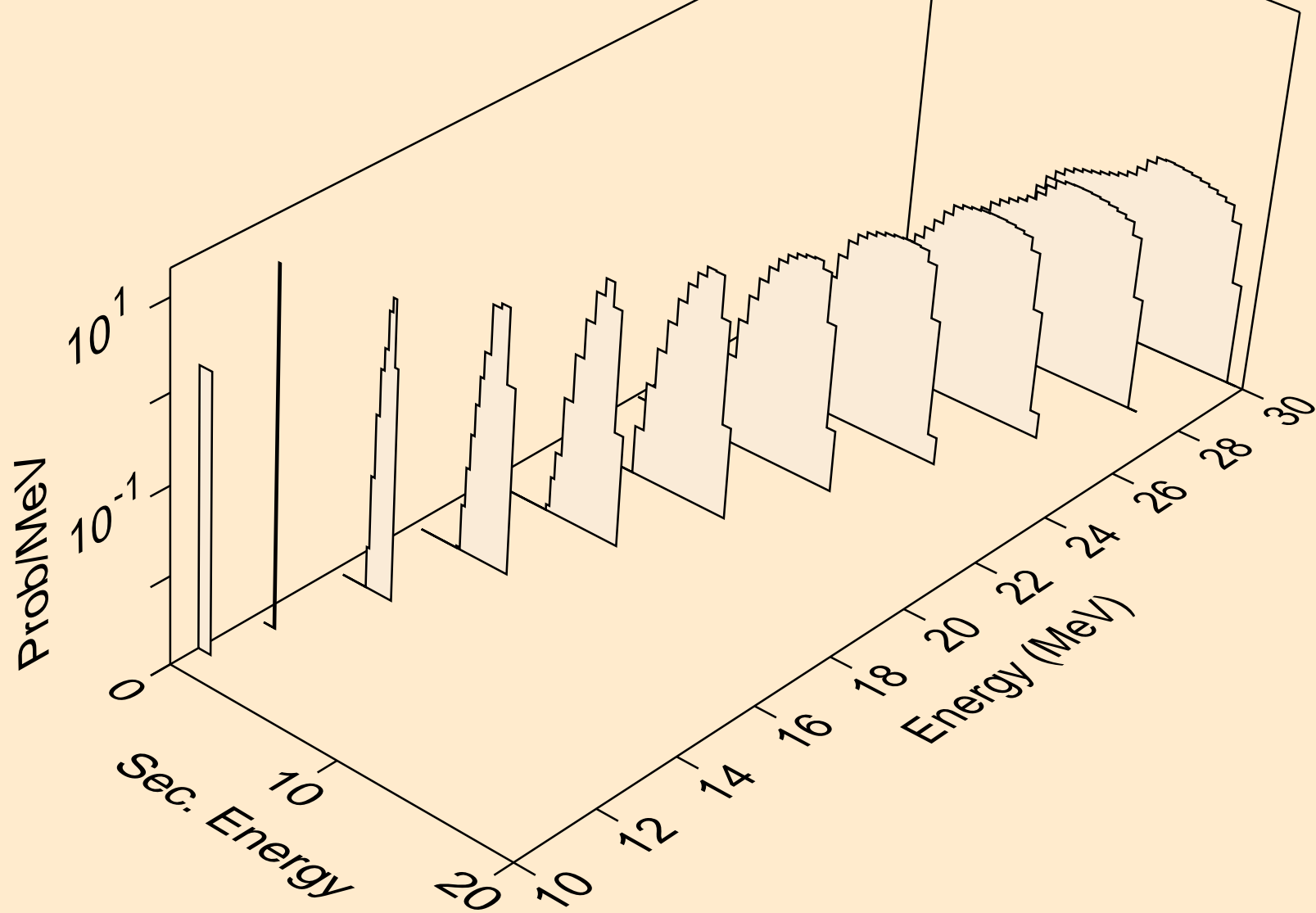
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Particle production cross sections



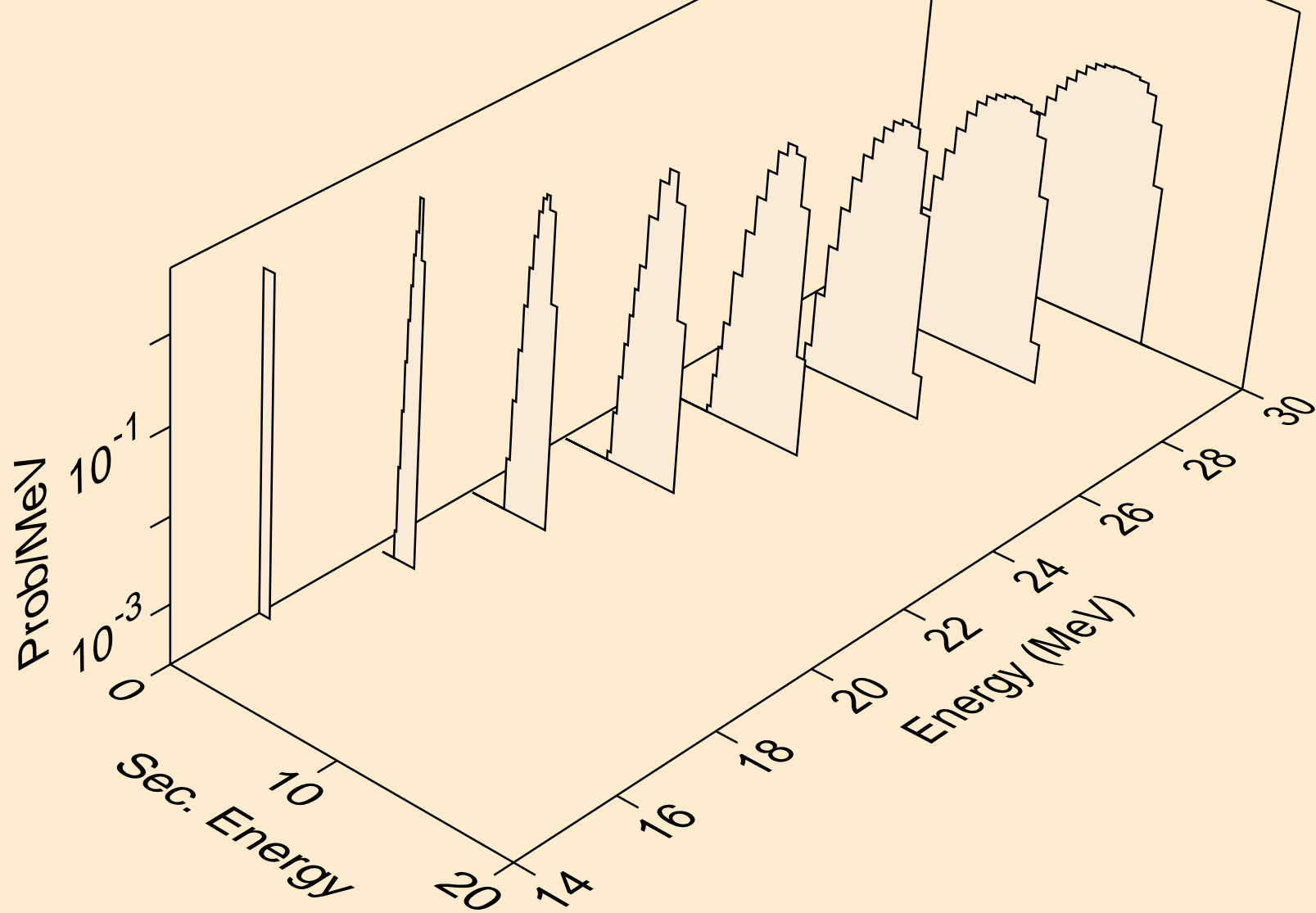
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protons from (n,x)



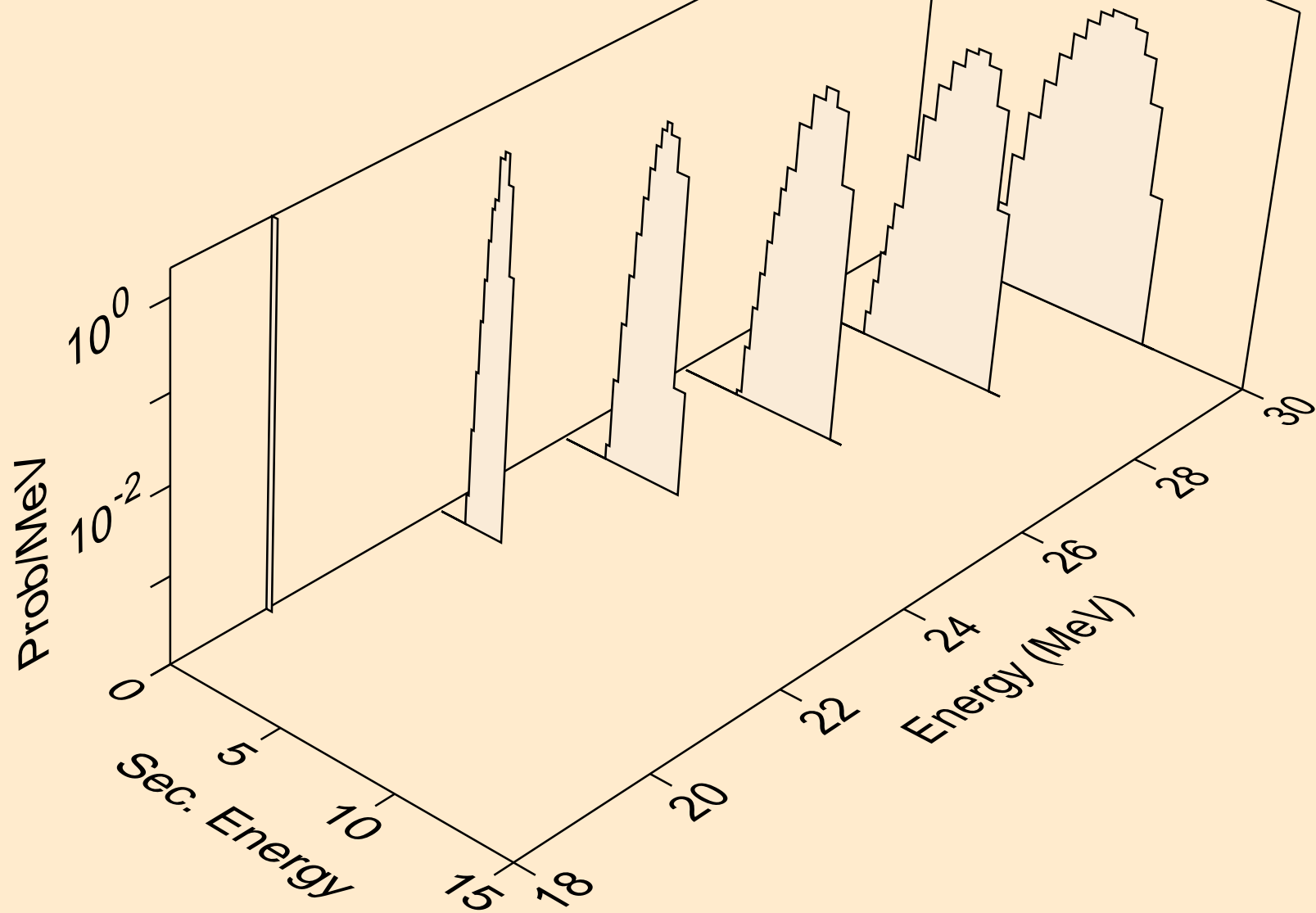
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protons from (n,n\*)p



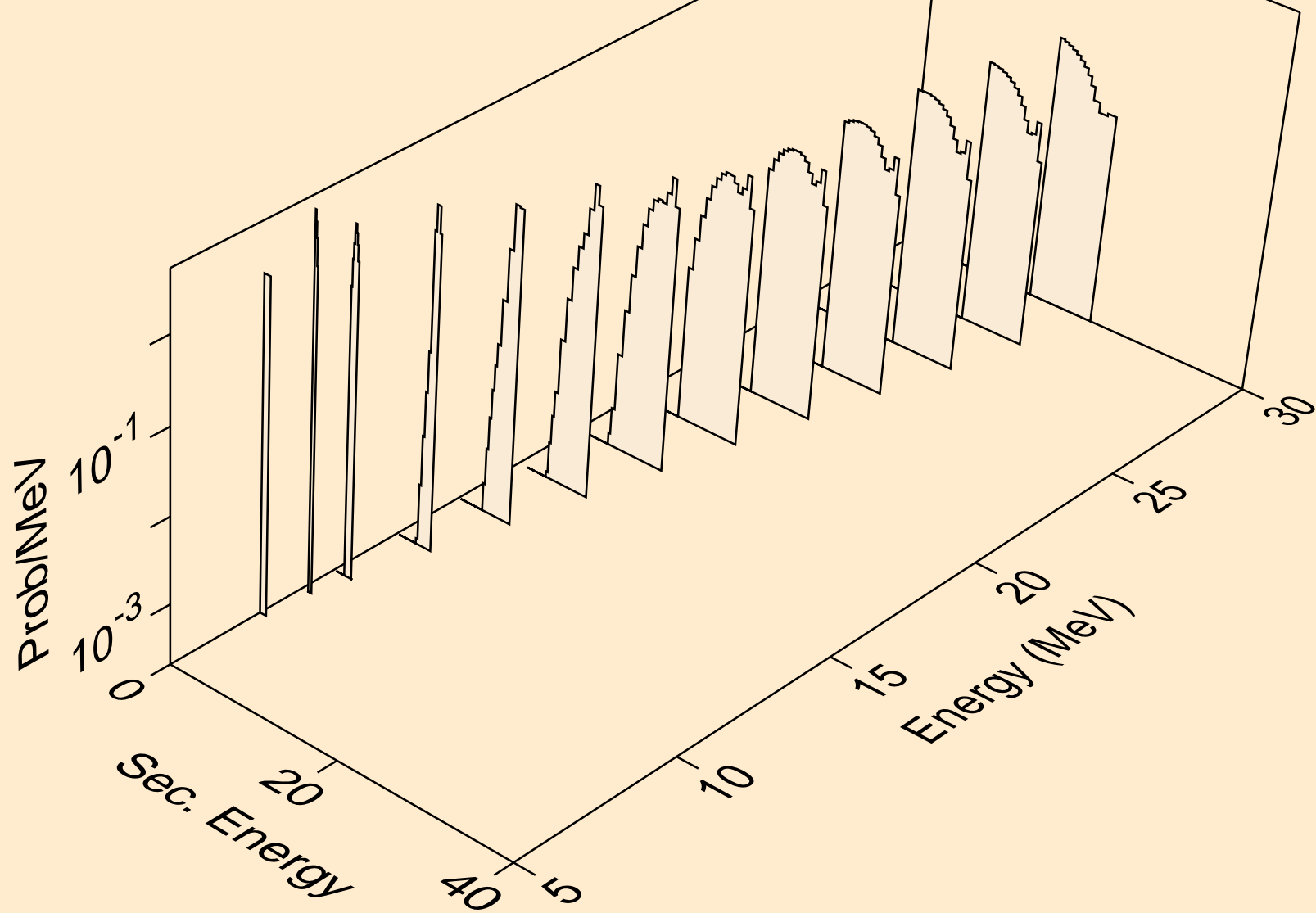
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protons from (n,2np)



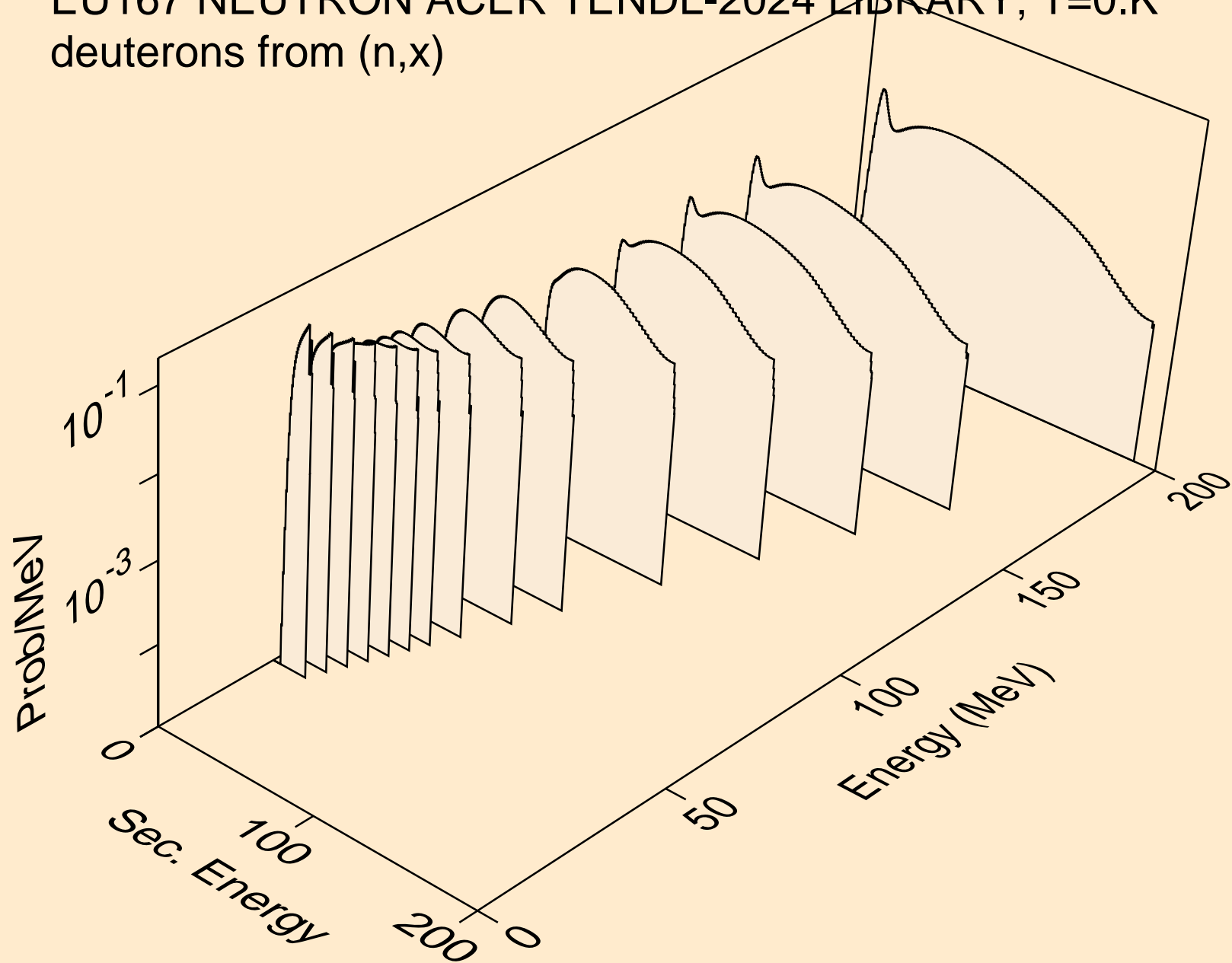
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protons from (n,3np)



EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

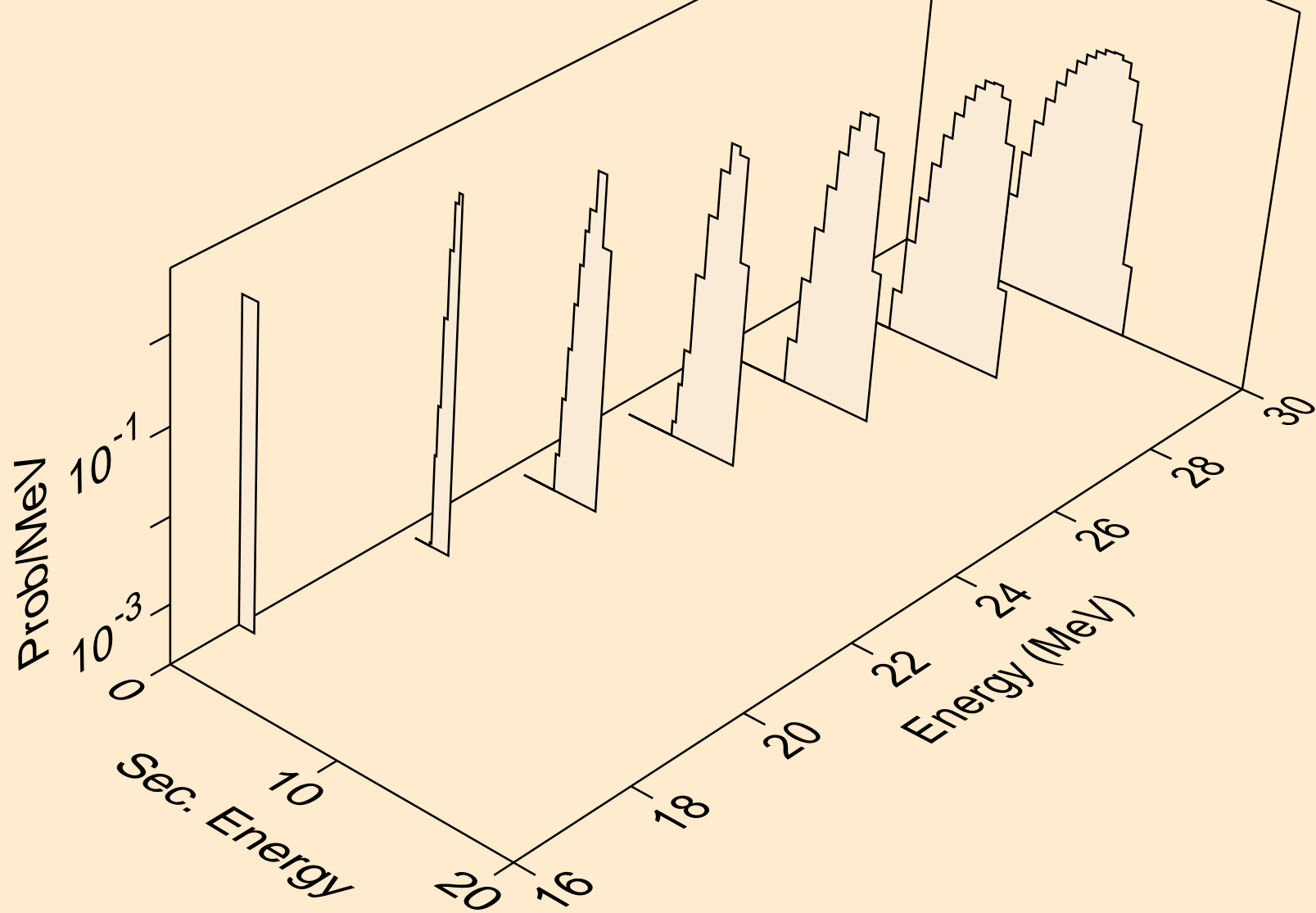


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deuterons from (n,x)

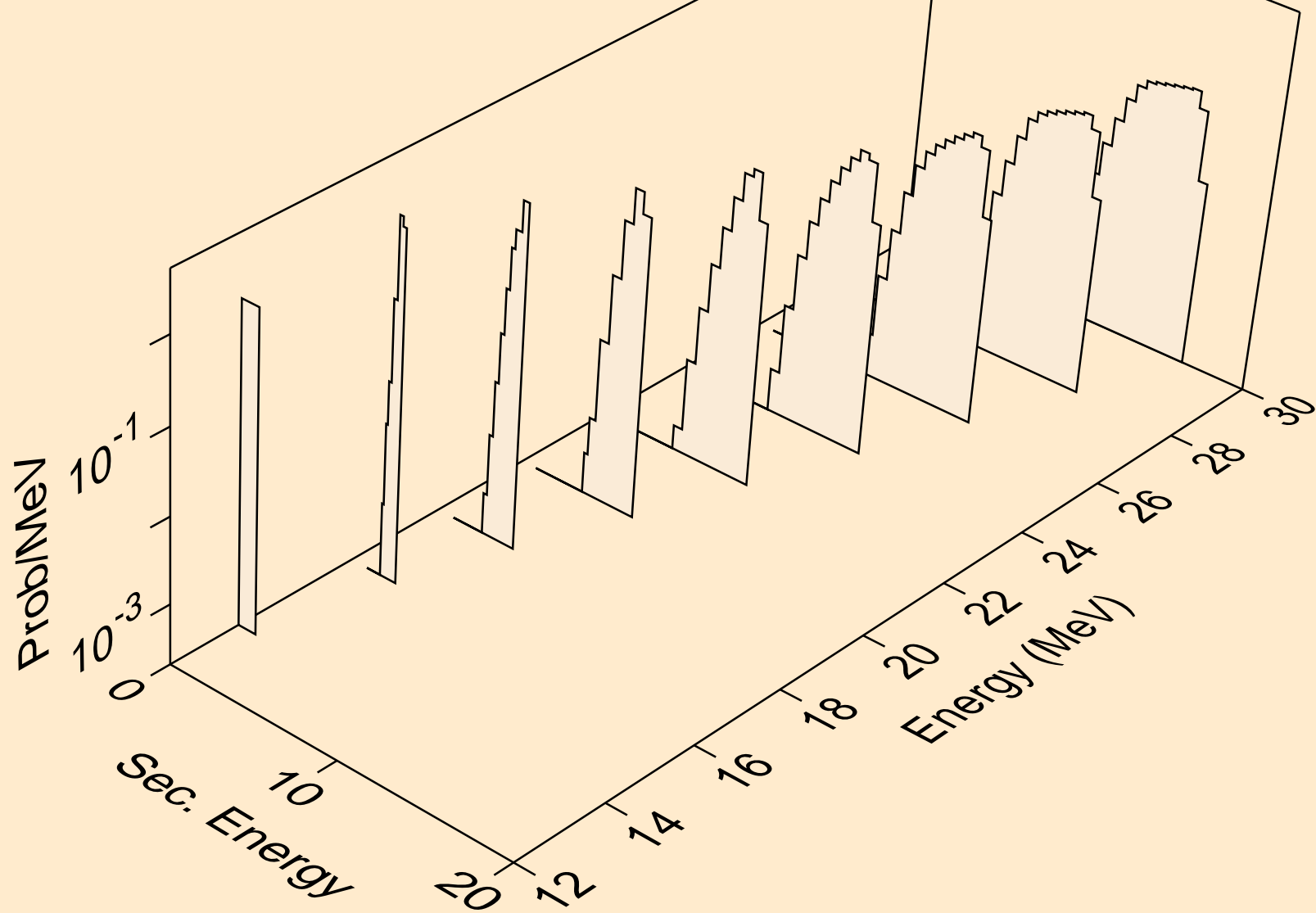




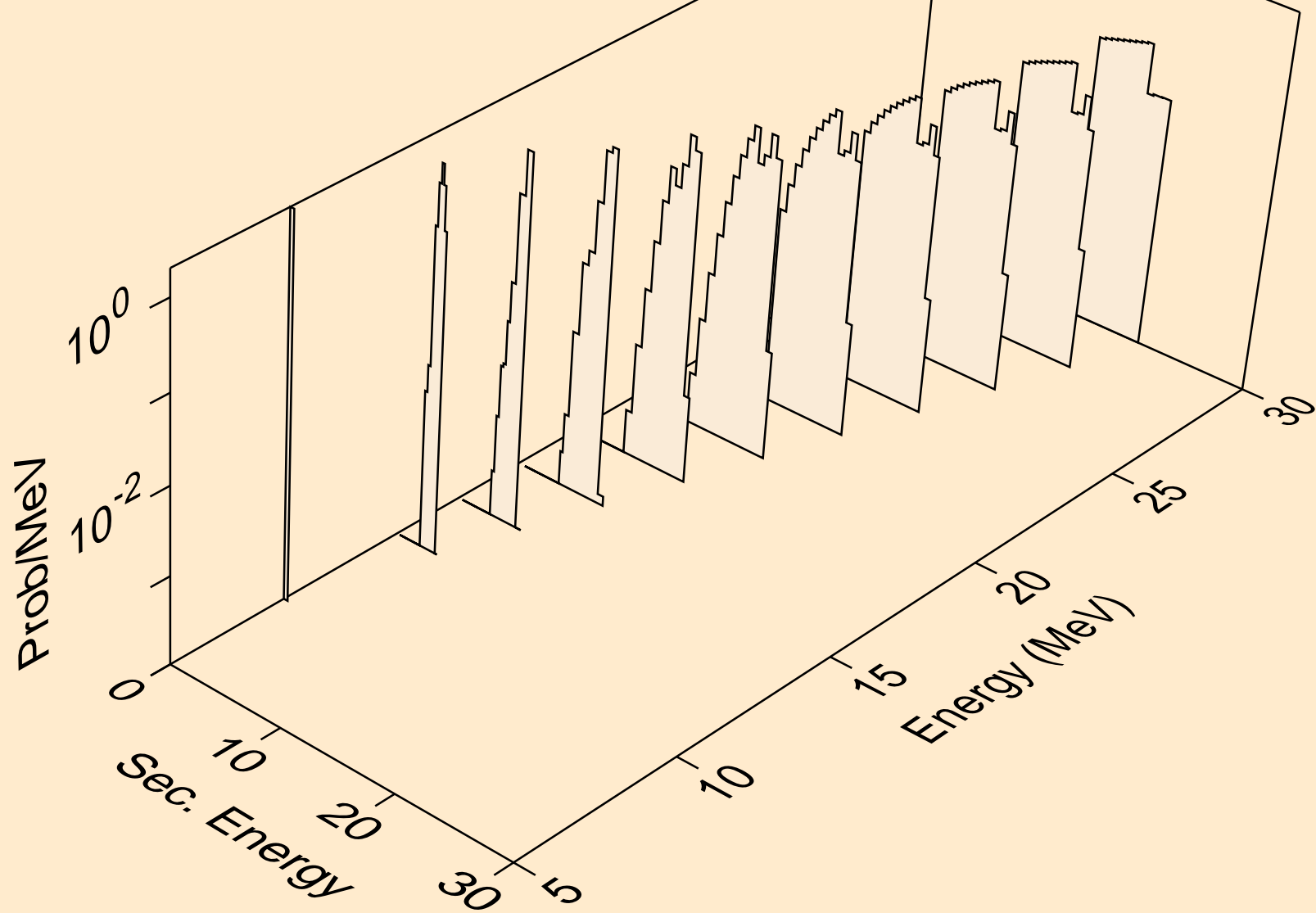
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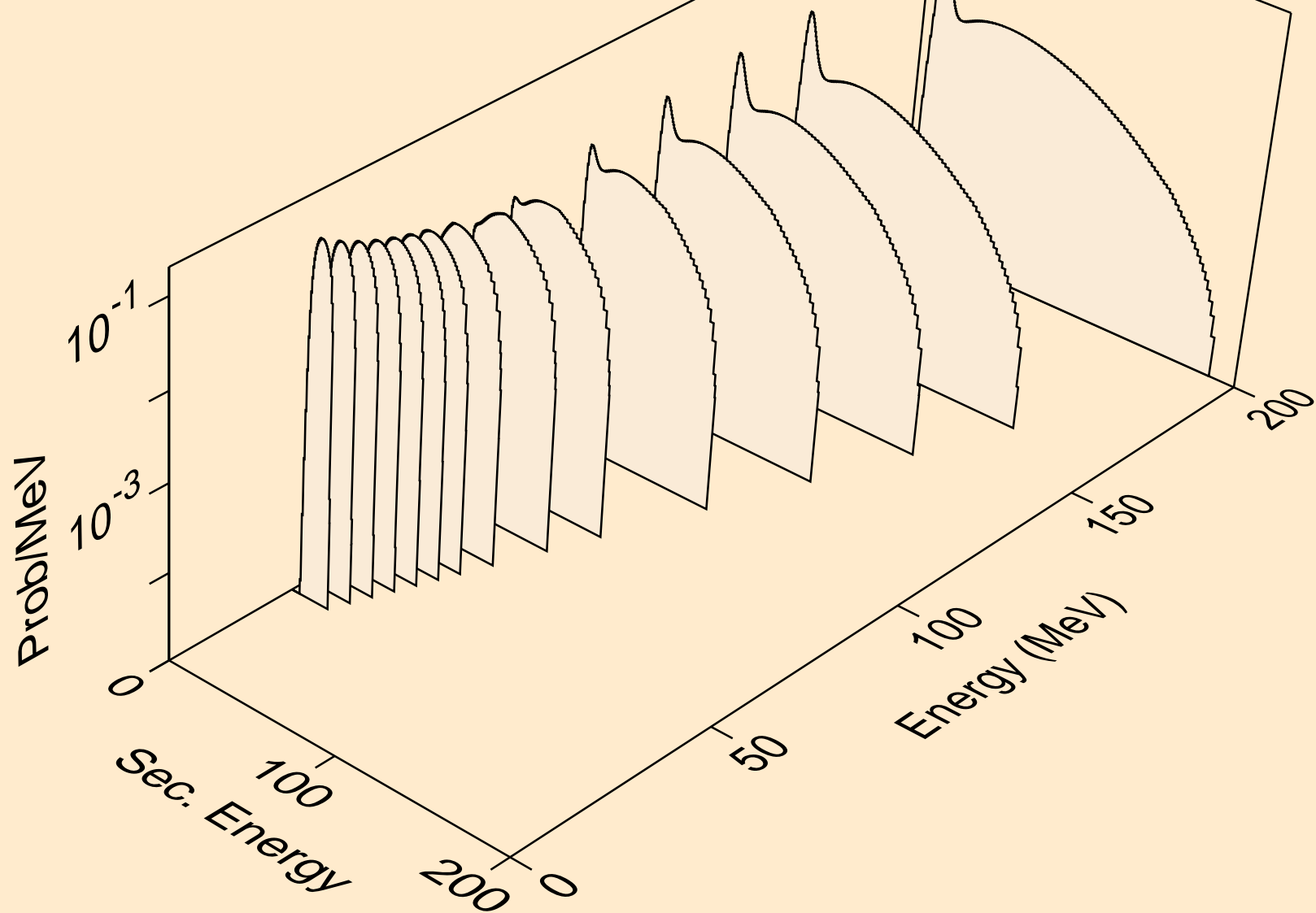
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deuterons from (n,n\*)d



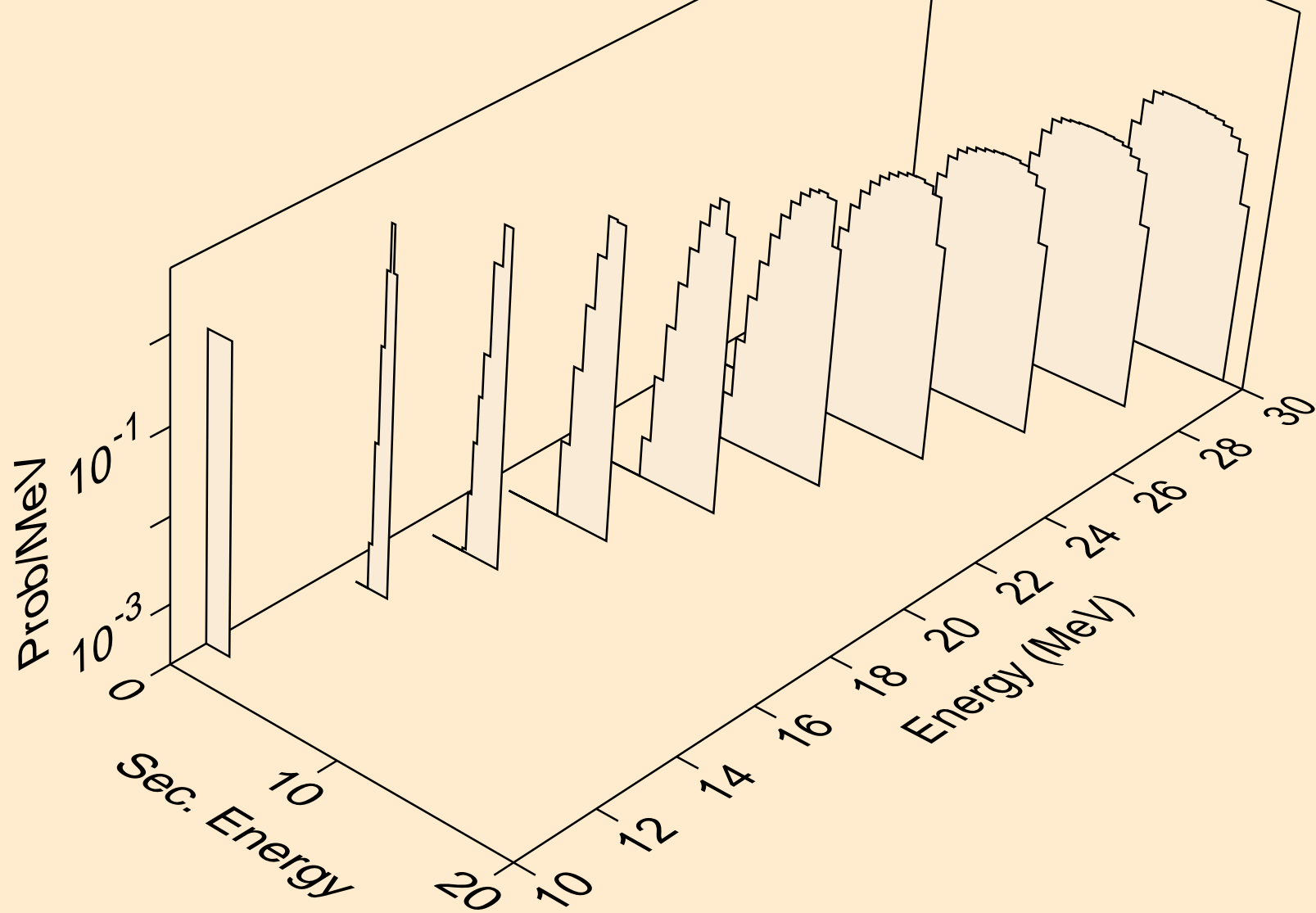
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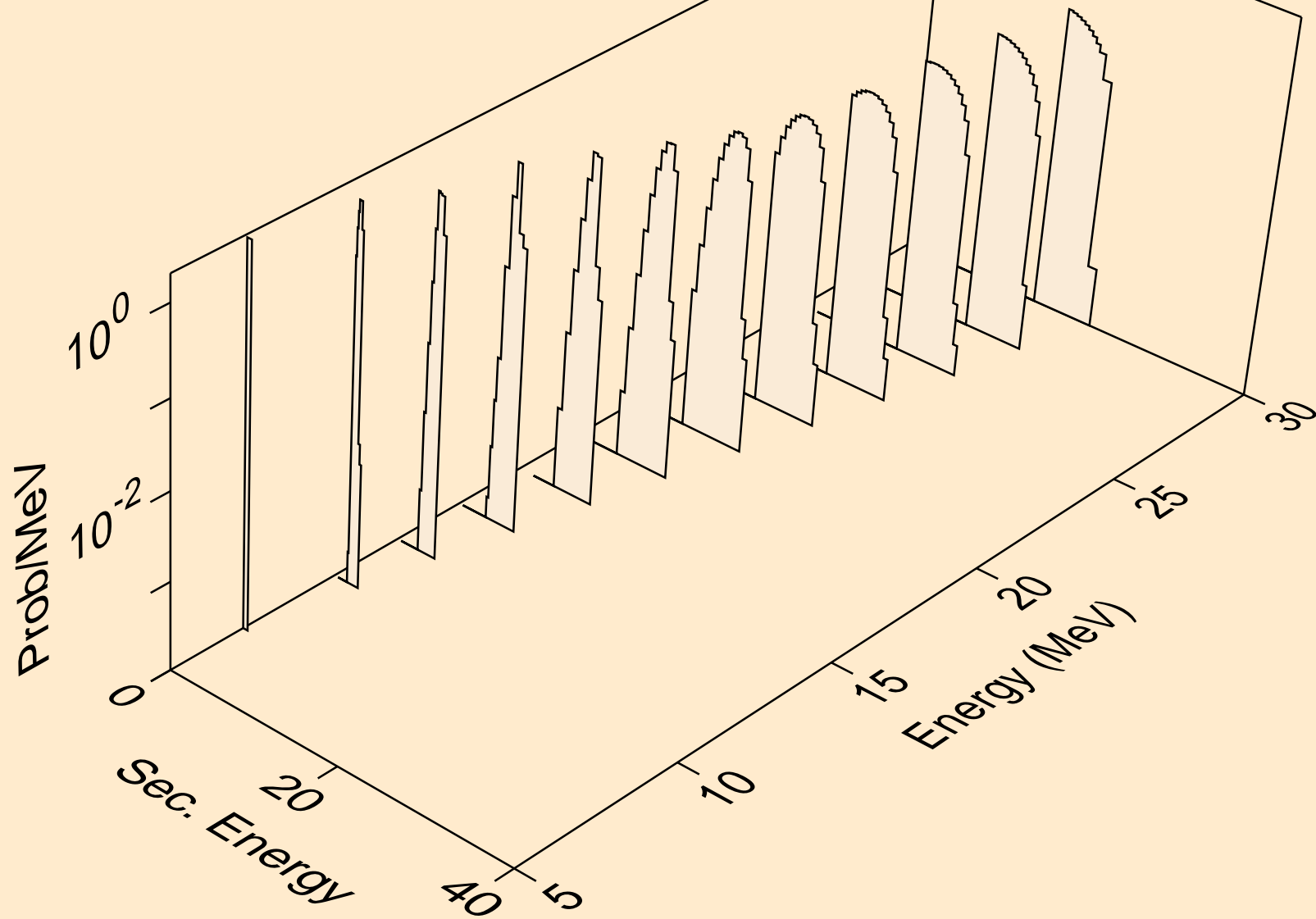
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tritons from (n,x)



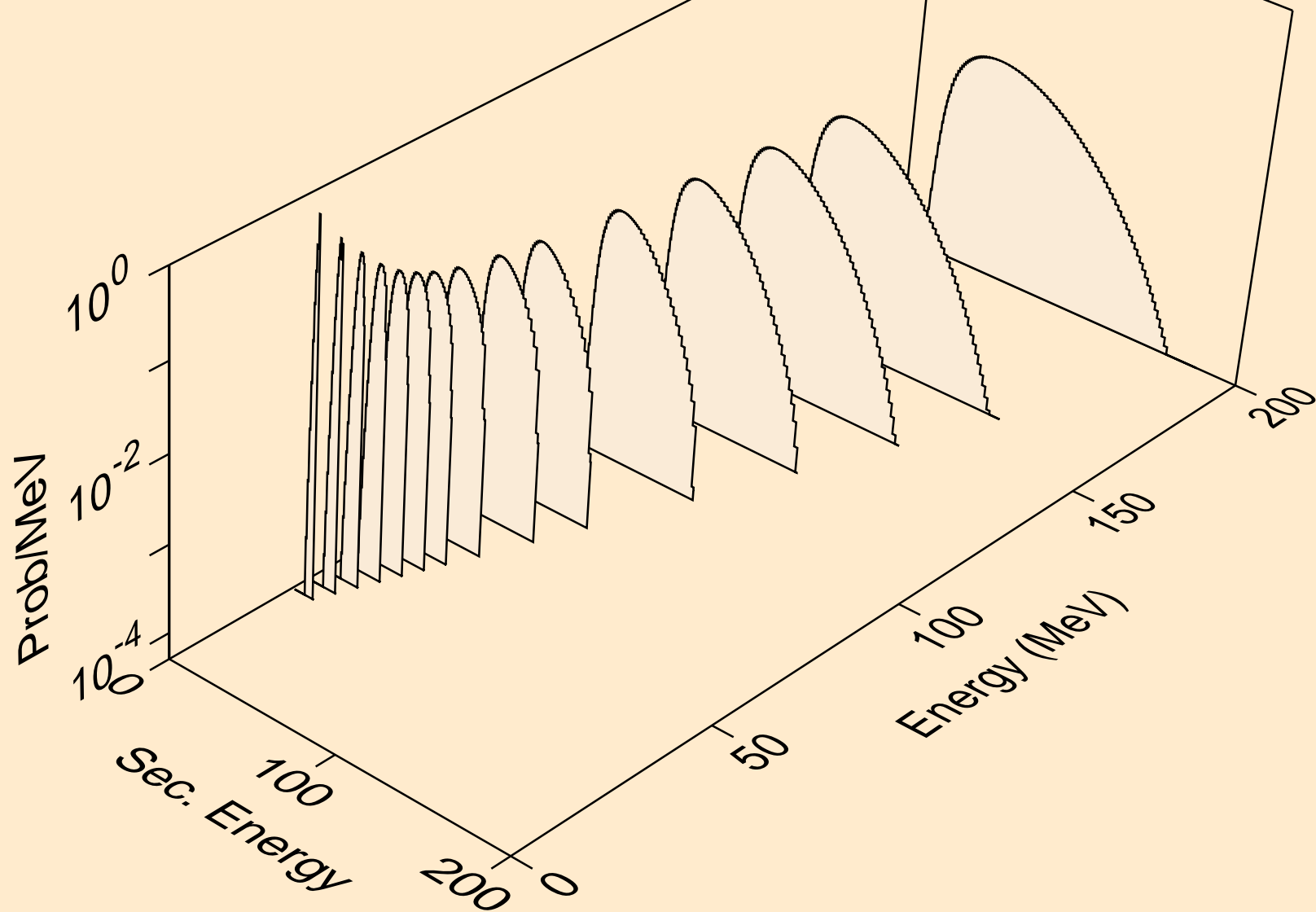
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tritons from (n,n\*)t



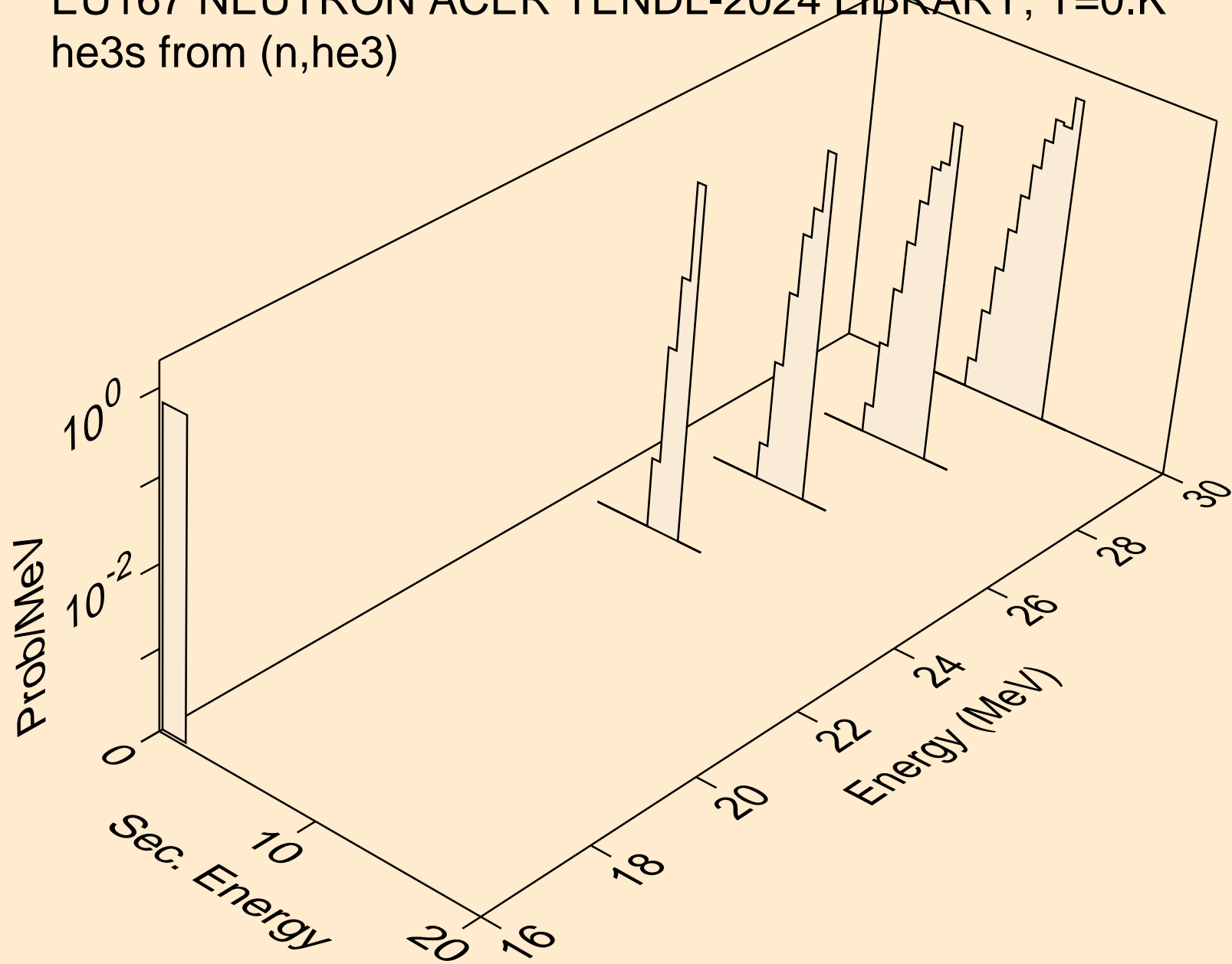
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tritons from (n,t)



EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)

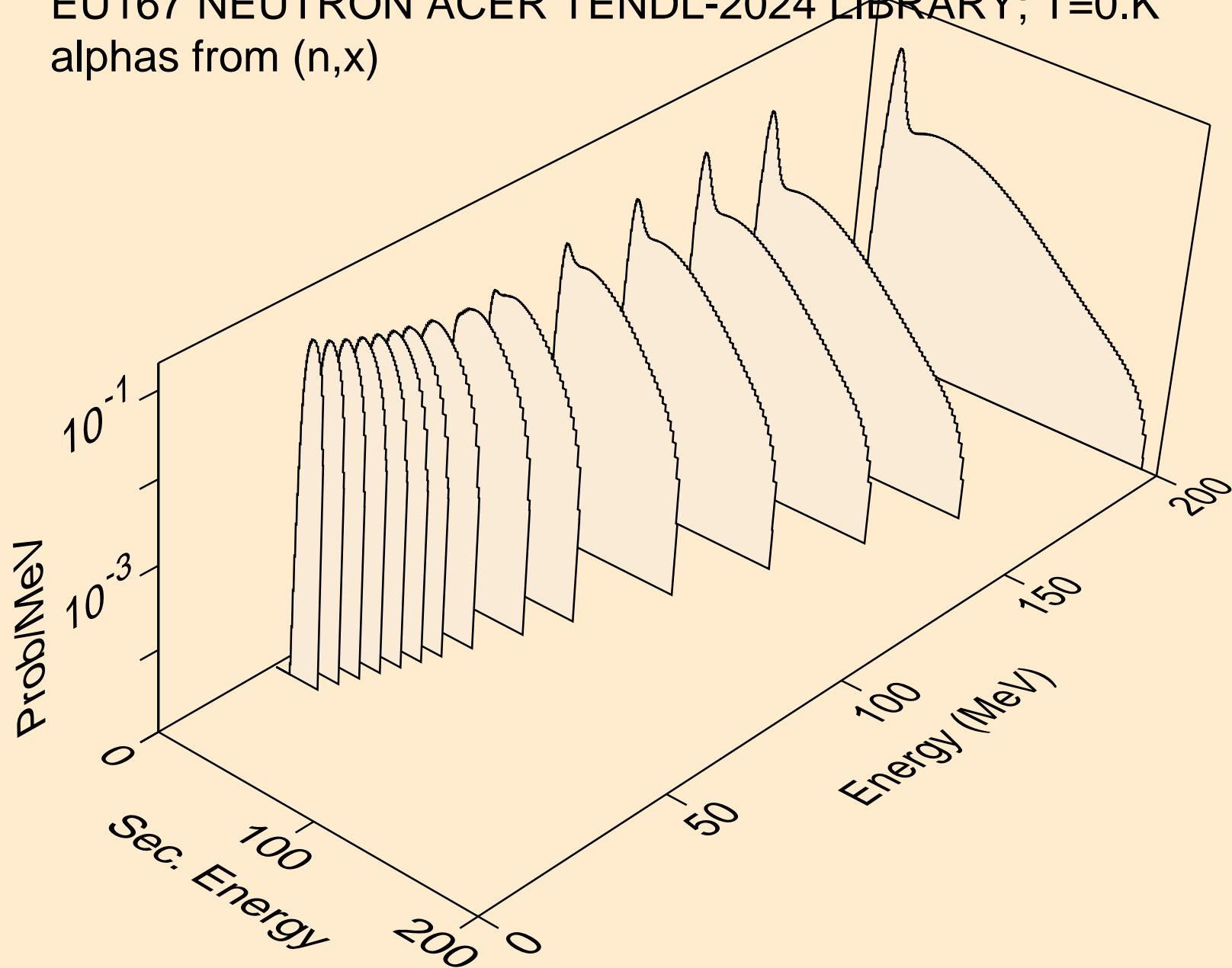


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he3s from (n,he3)

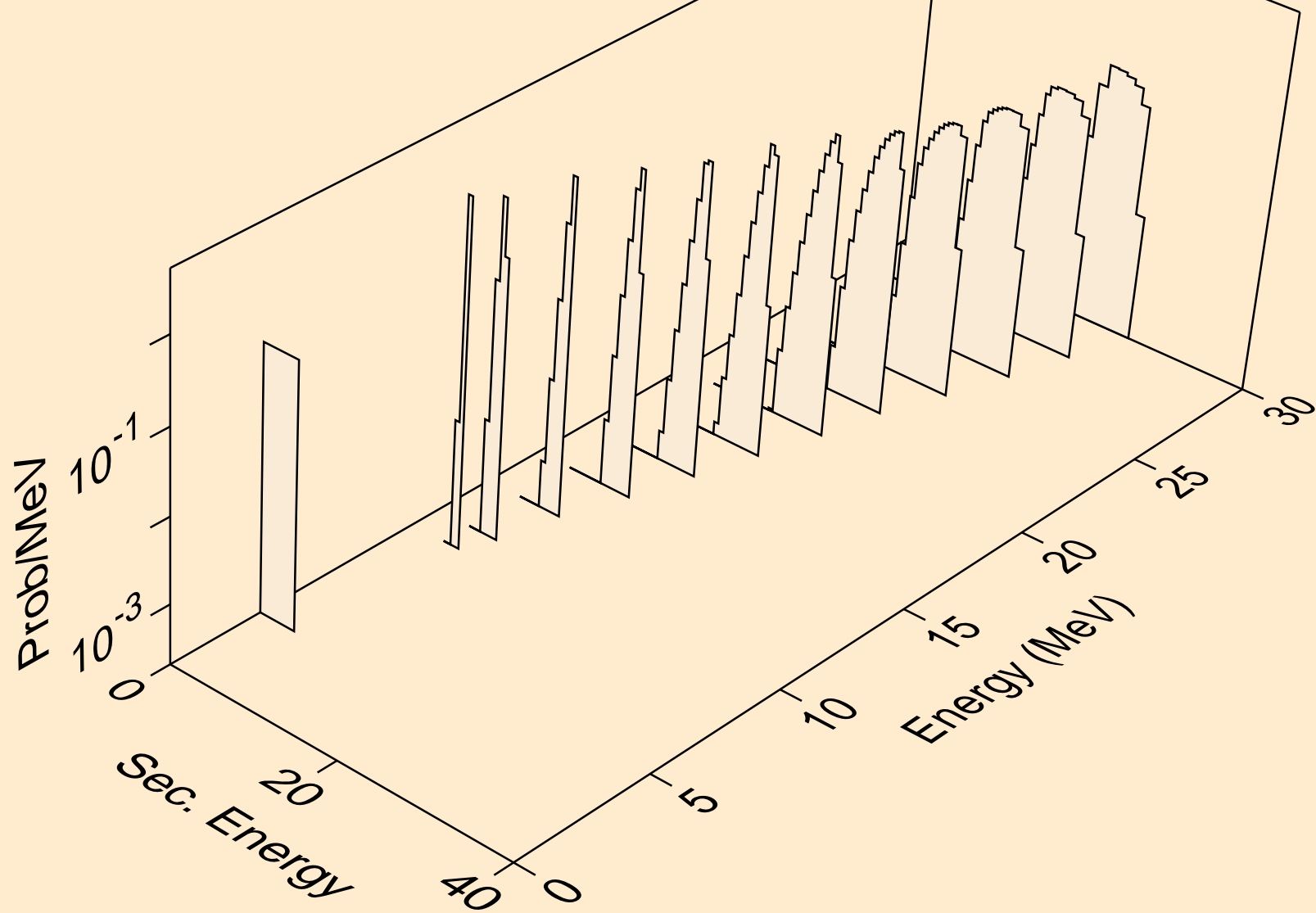




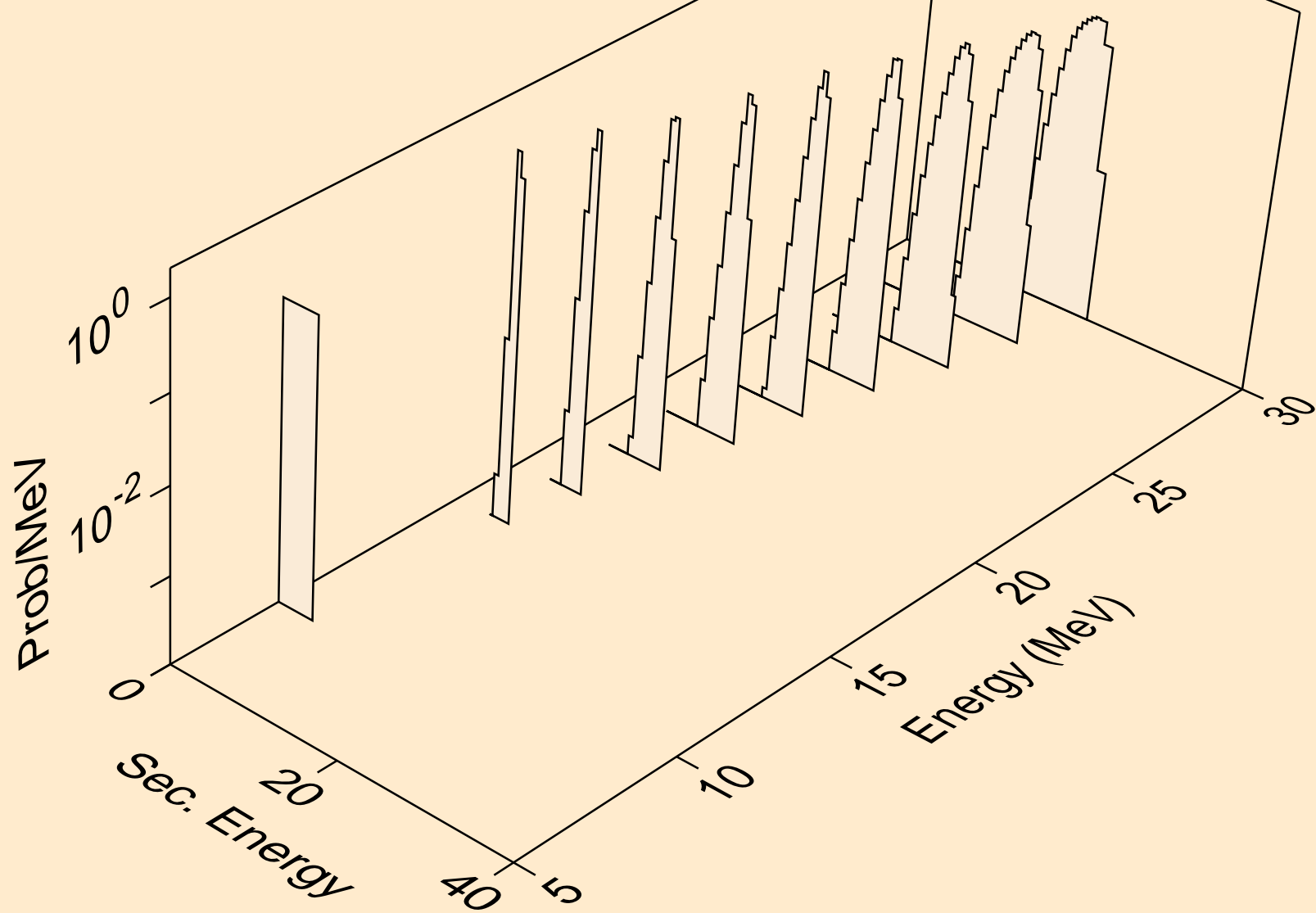
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alphas from (n,x)



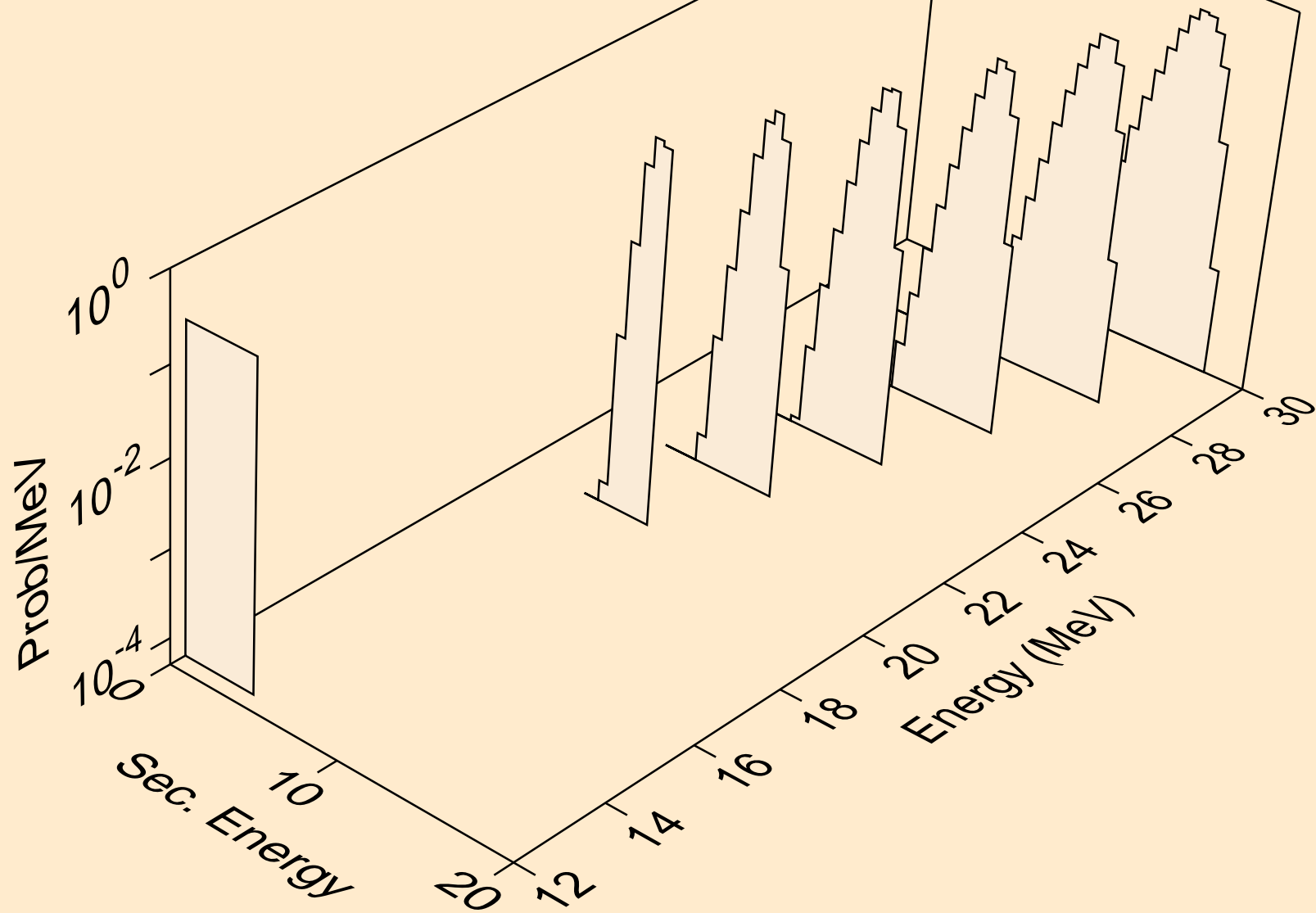
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alphas from (n,n\*)a



EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



EU167 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

