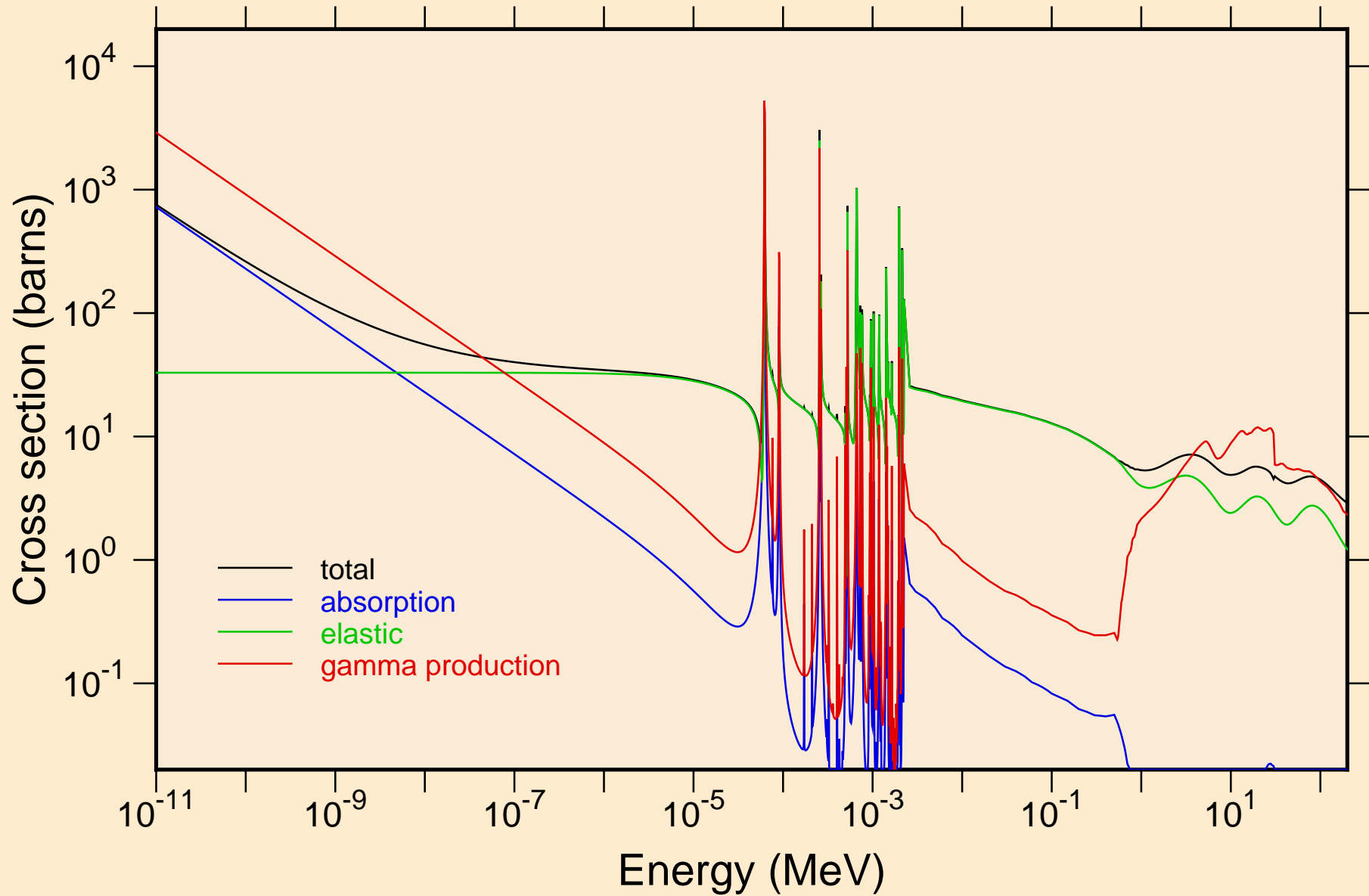
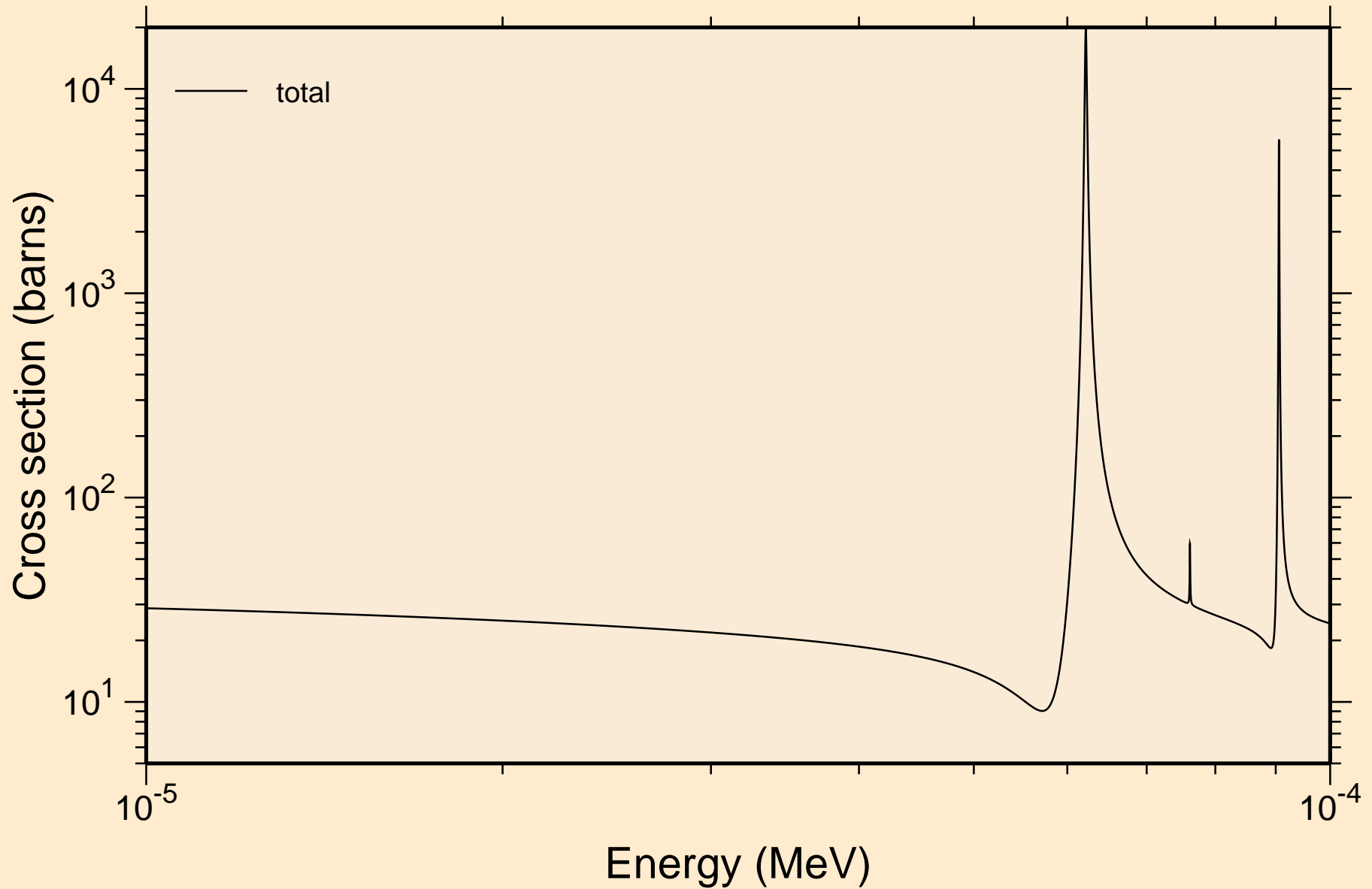


# OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

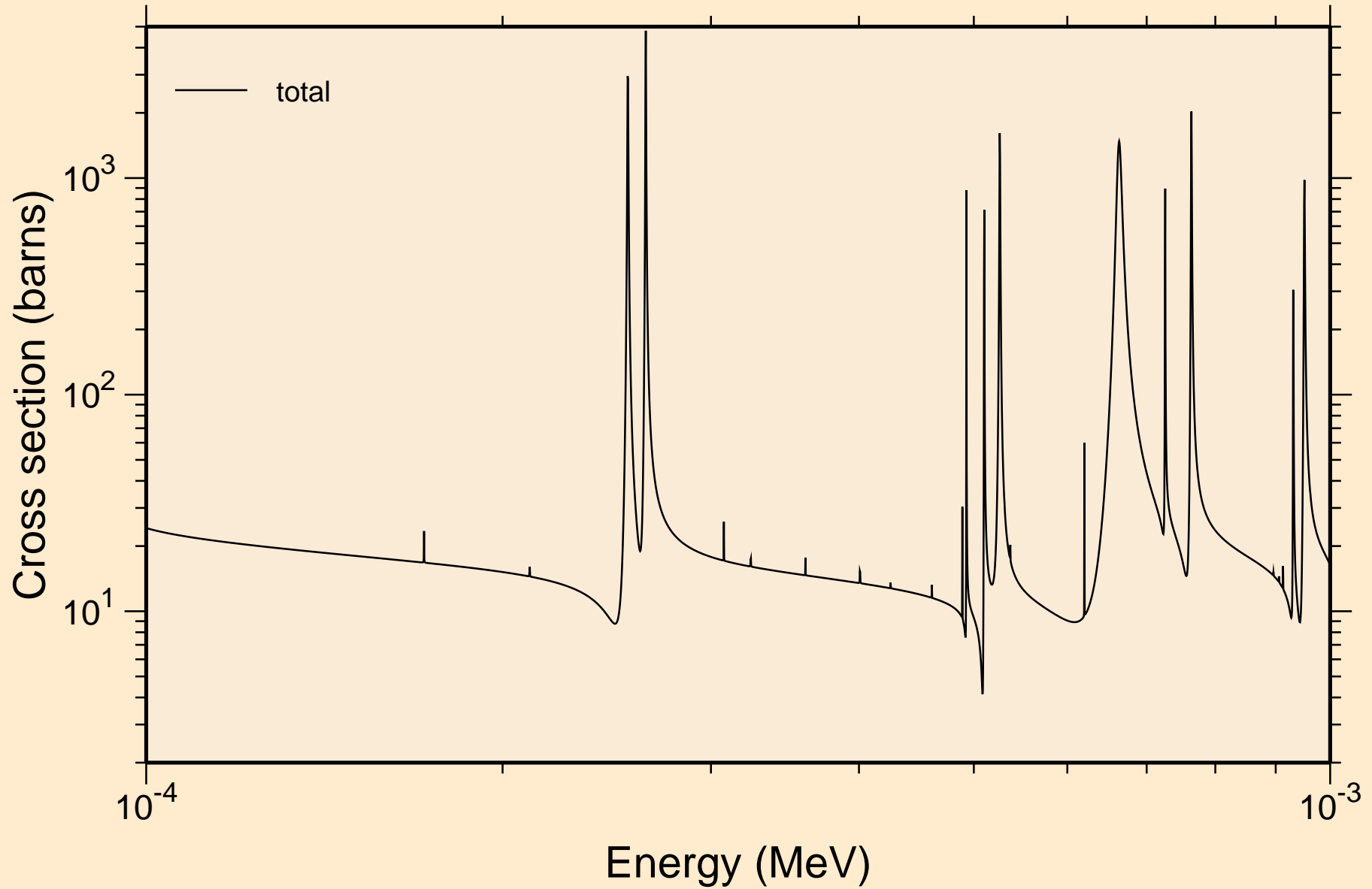
## Principal cross sections



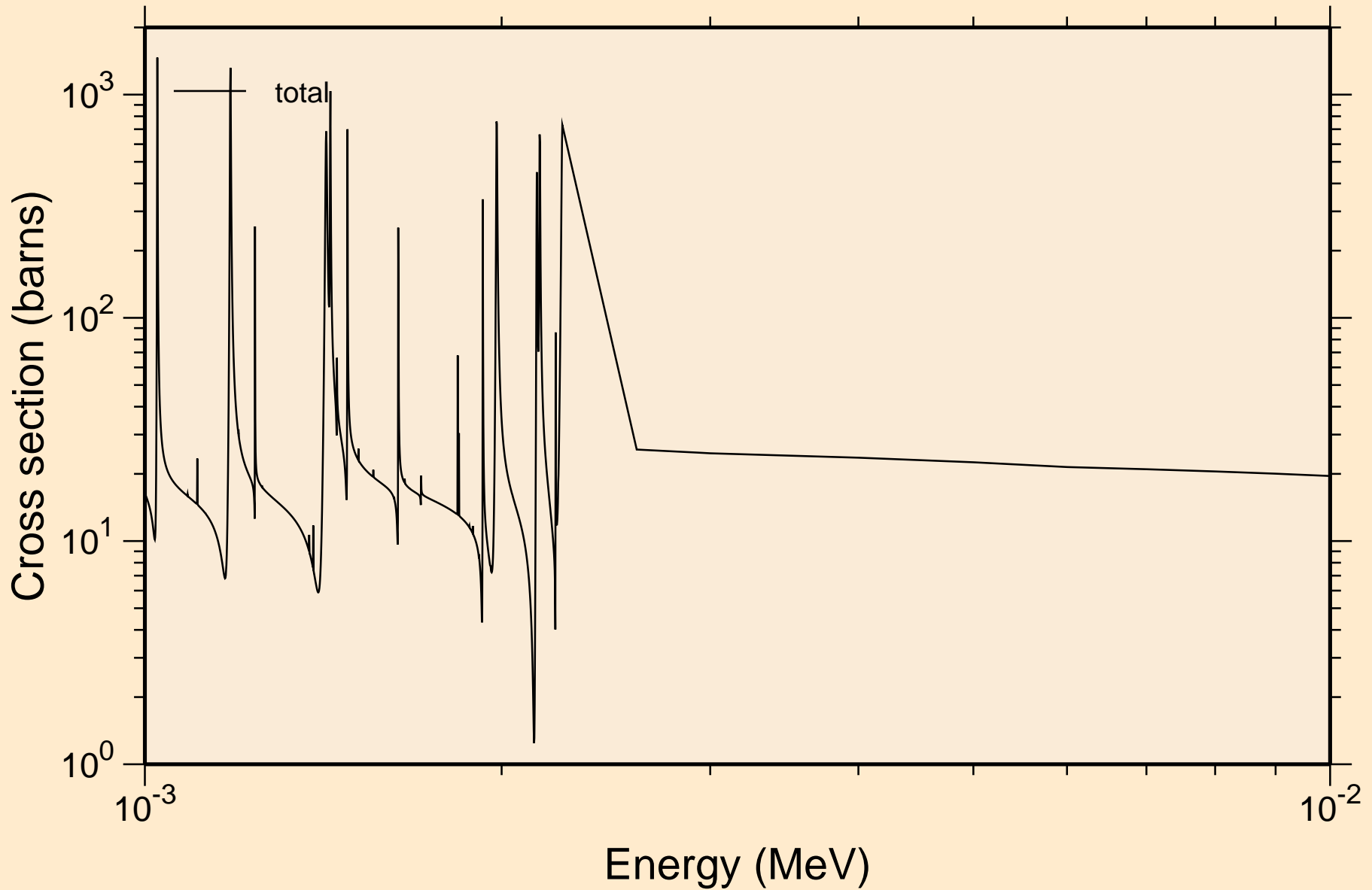
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



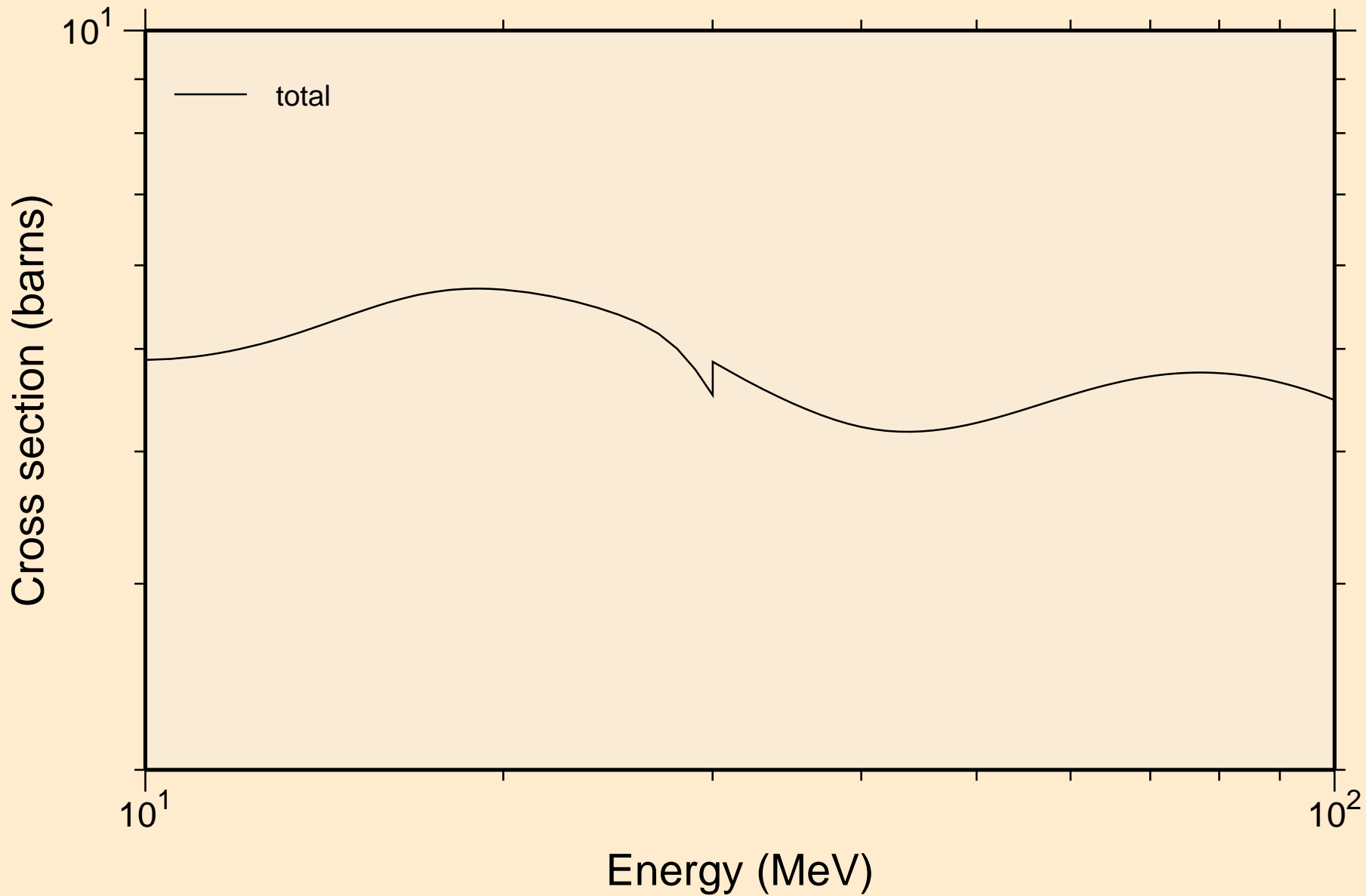
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



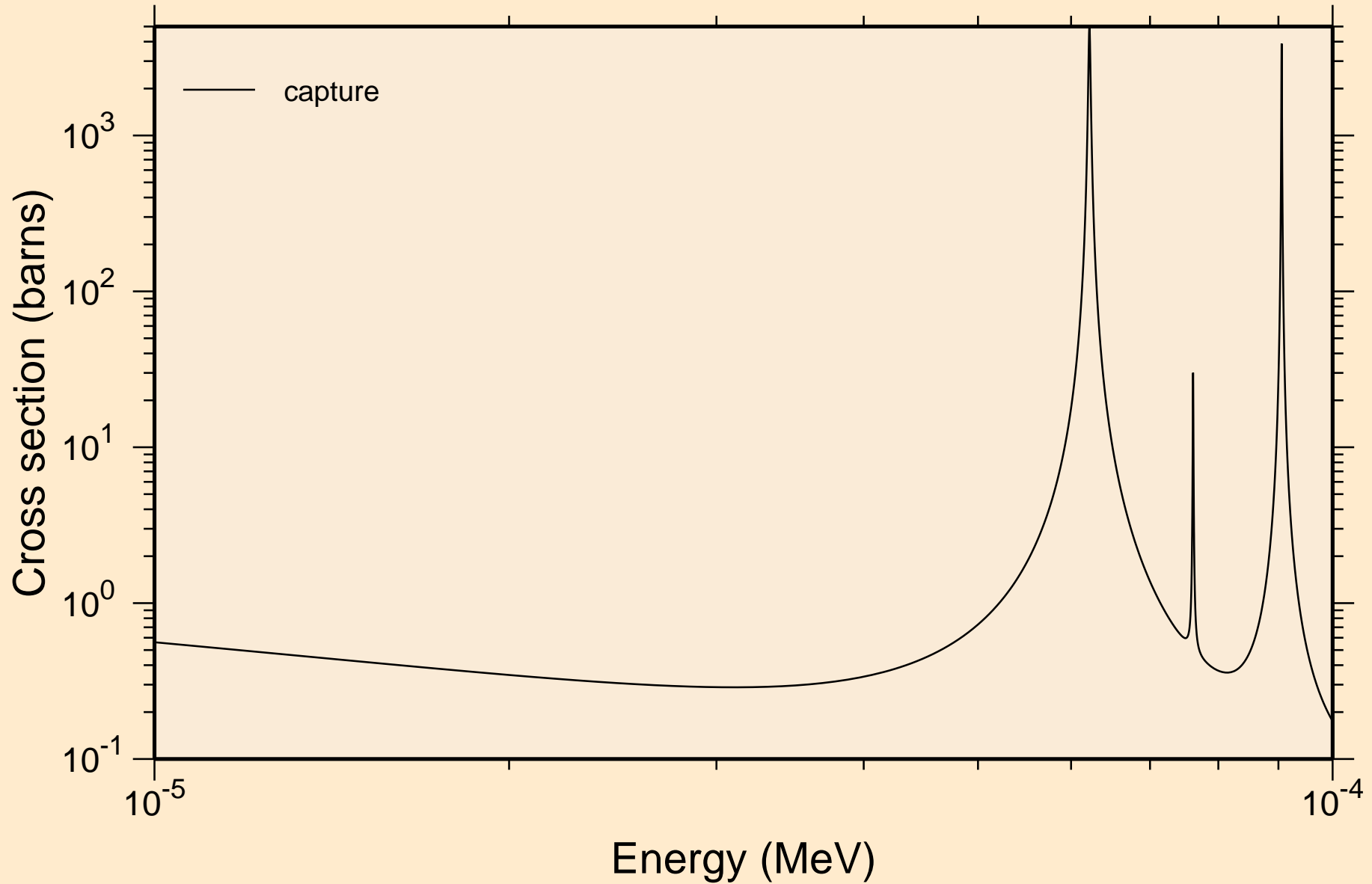
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



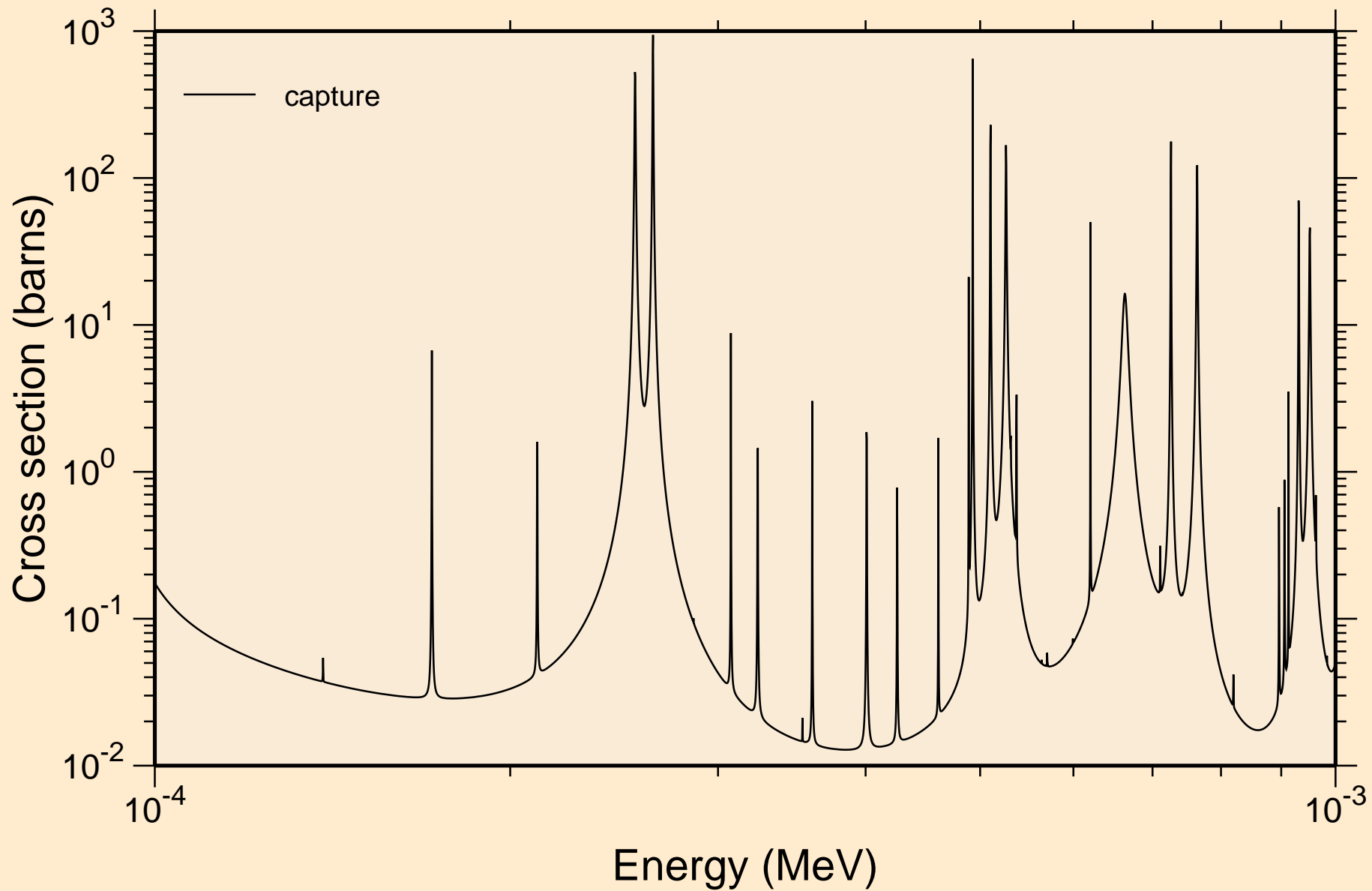
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



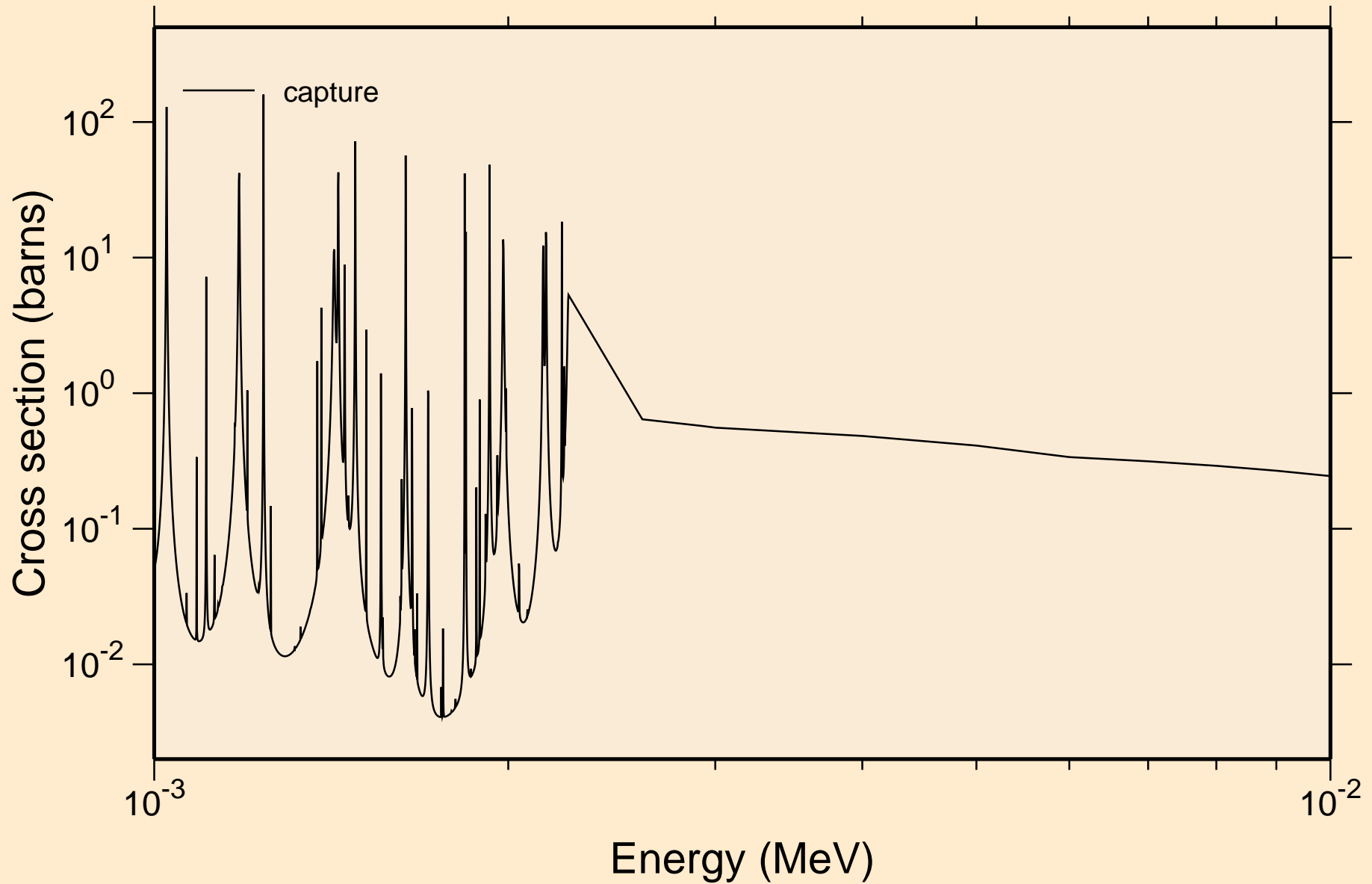
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

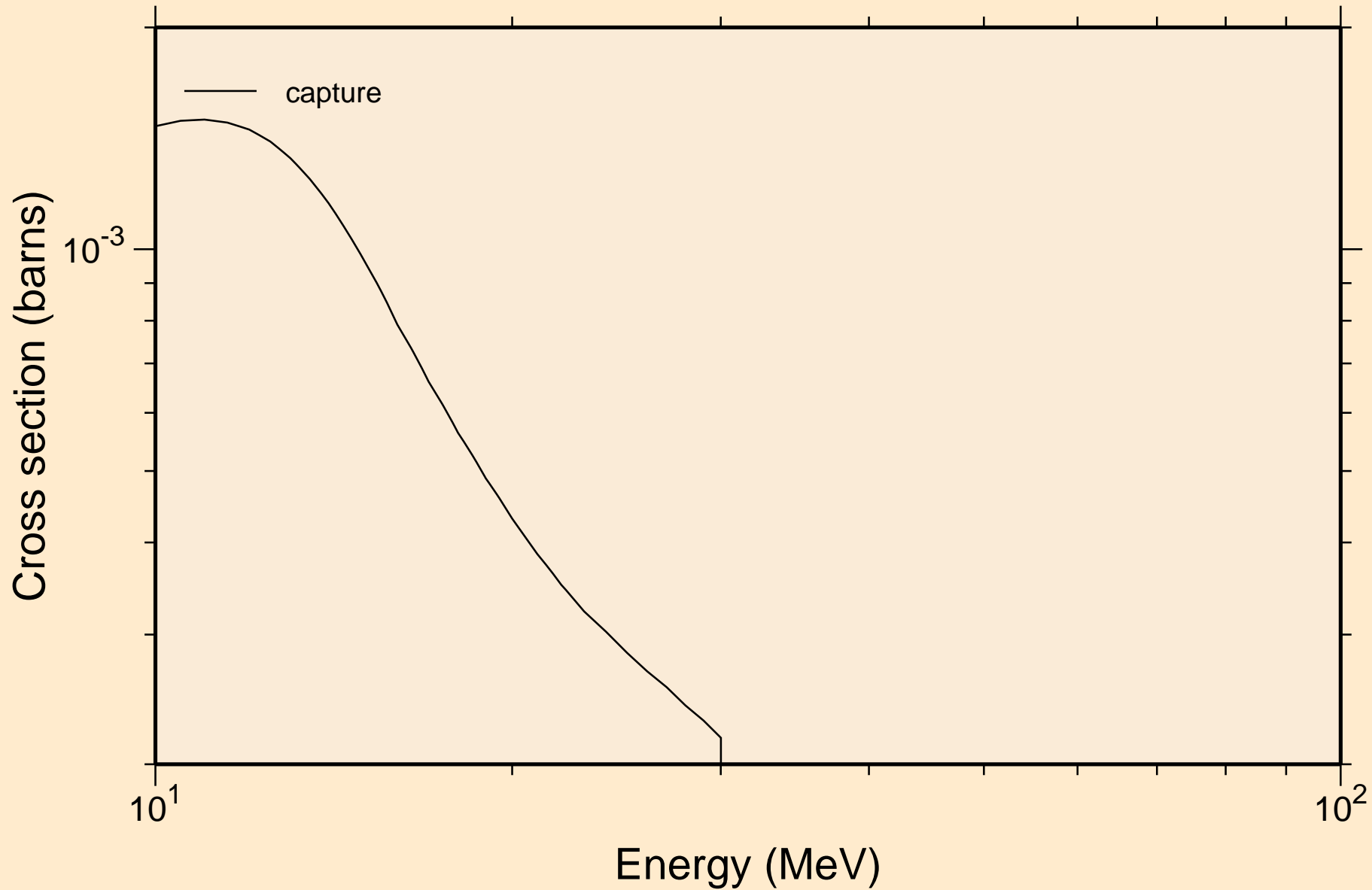


OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

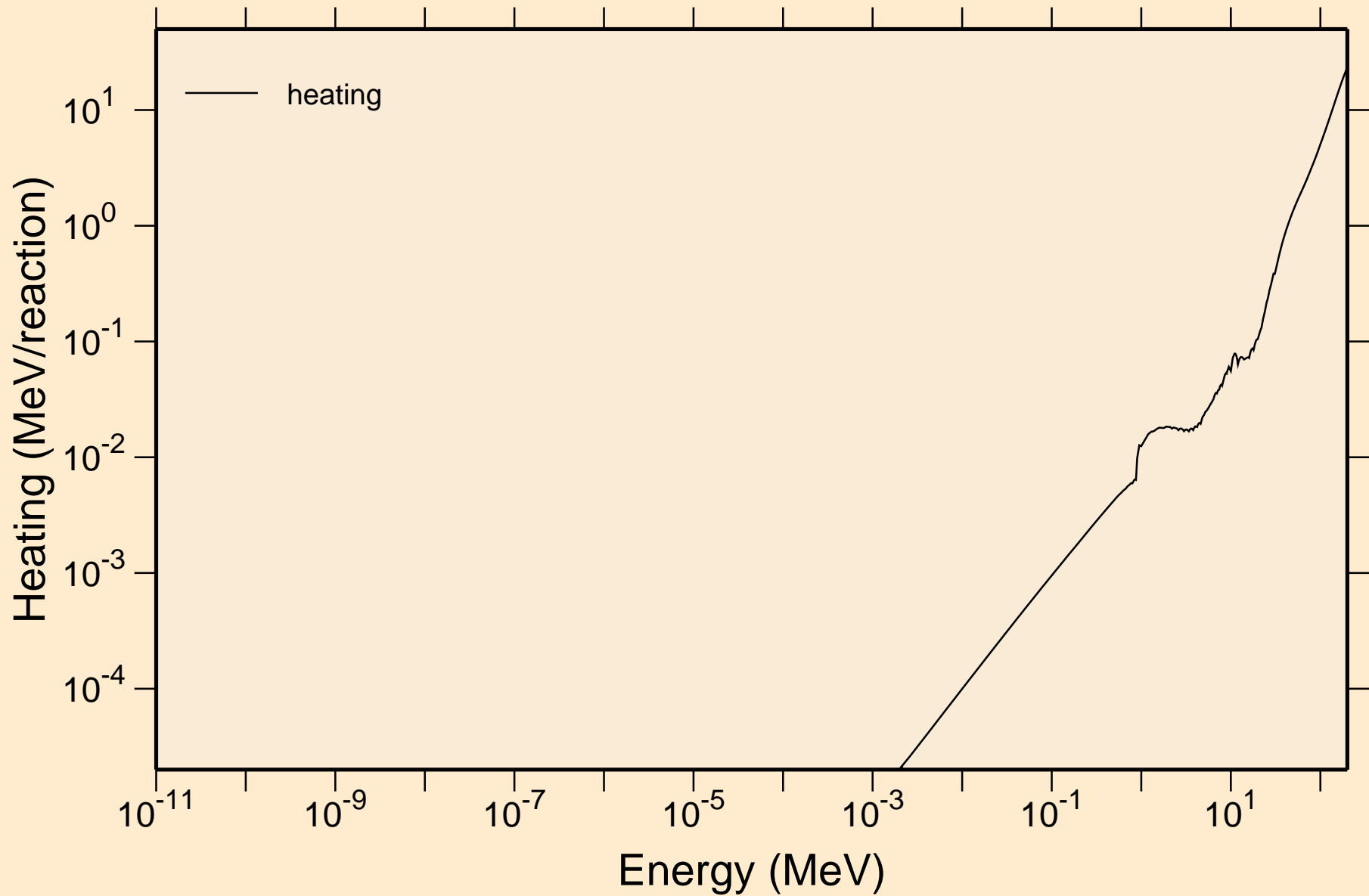




OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

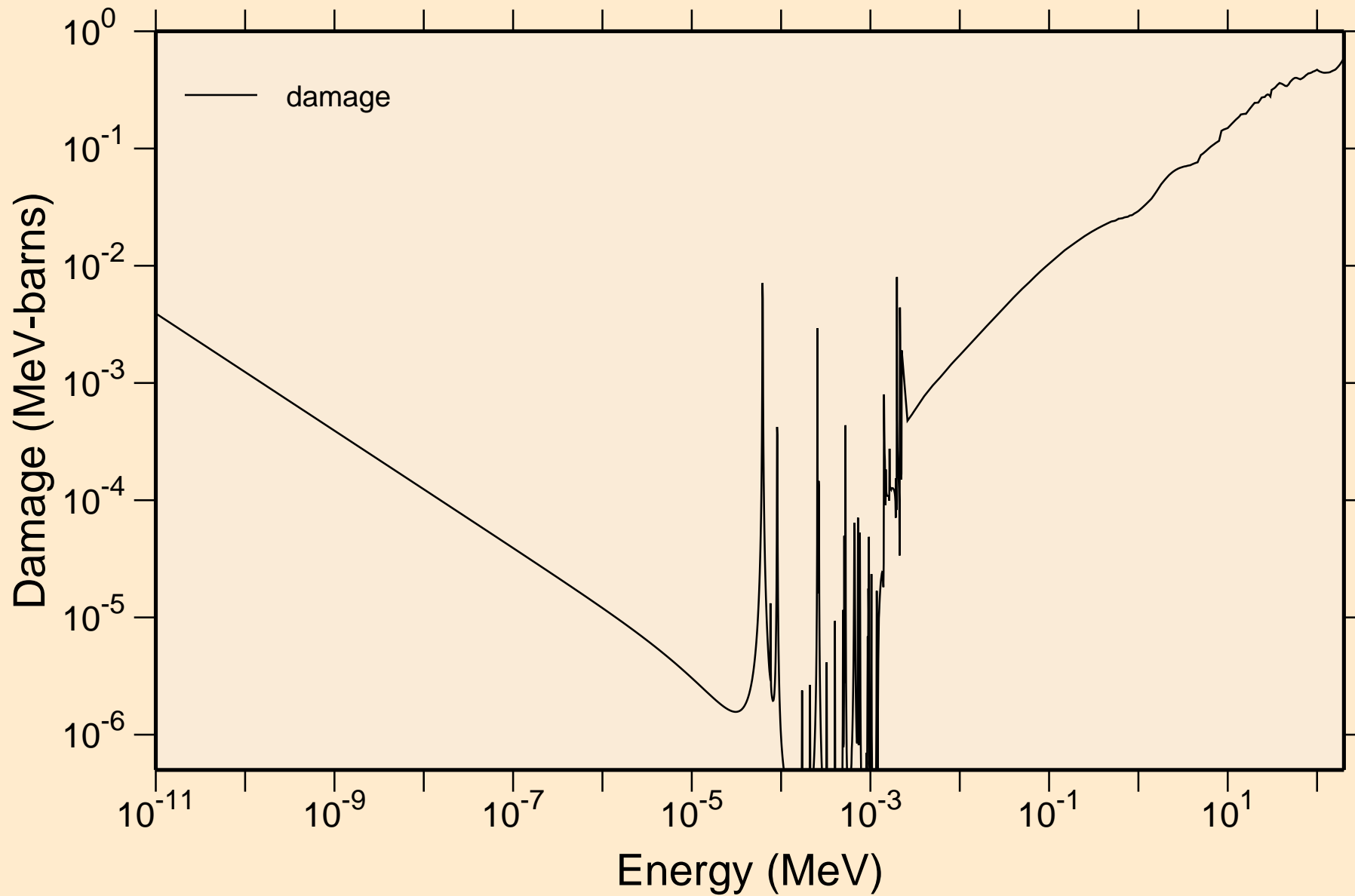


OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

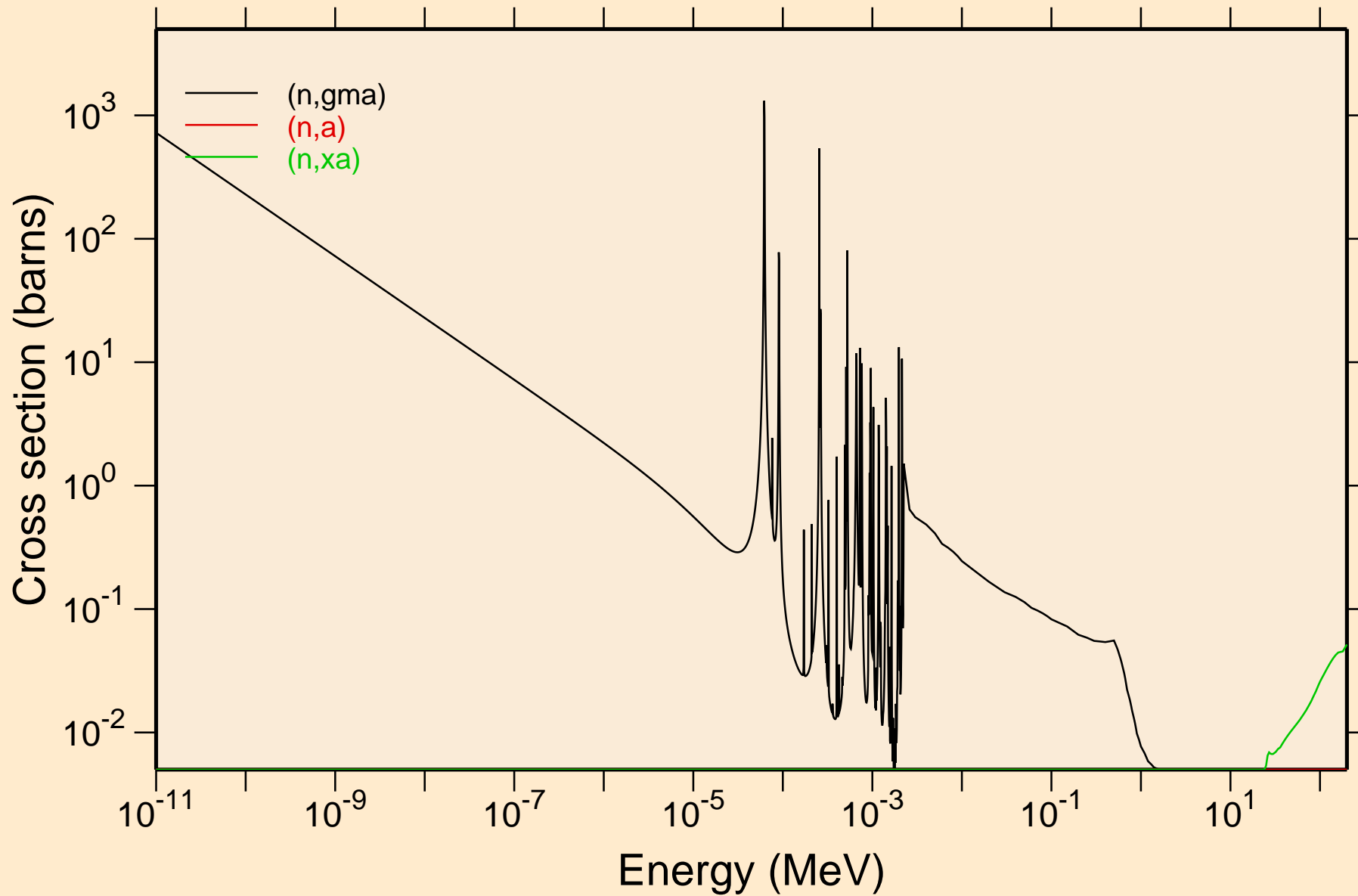


# OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

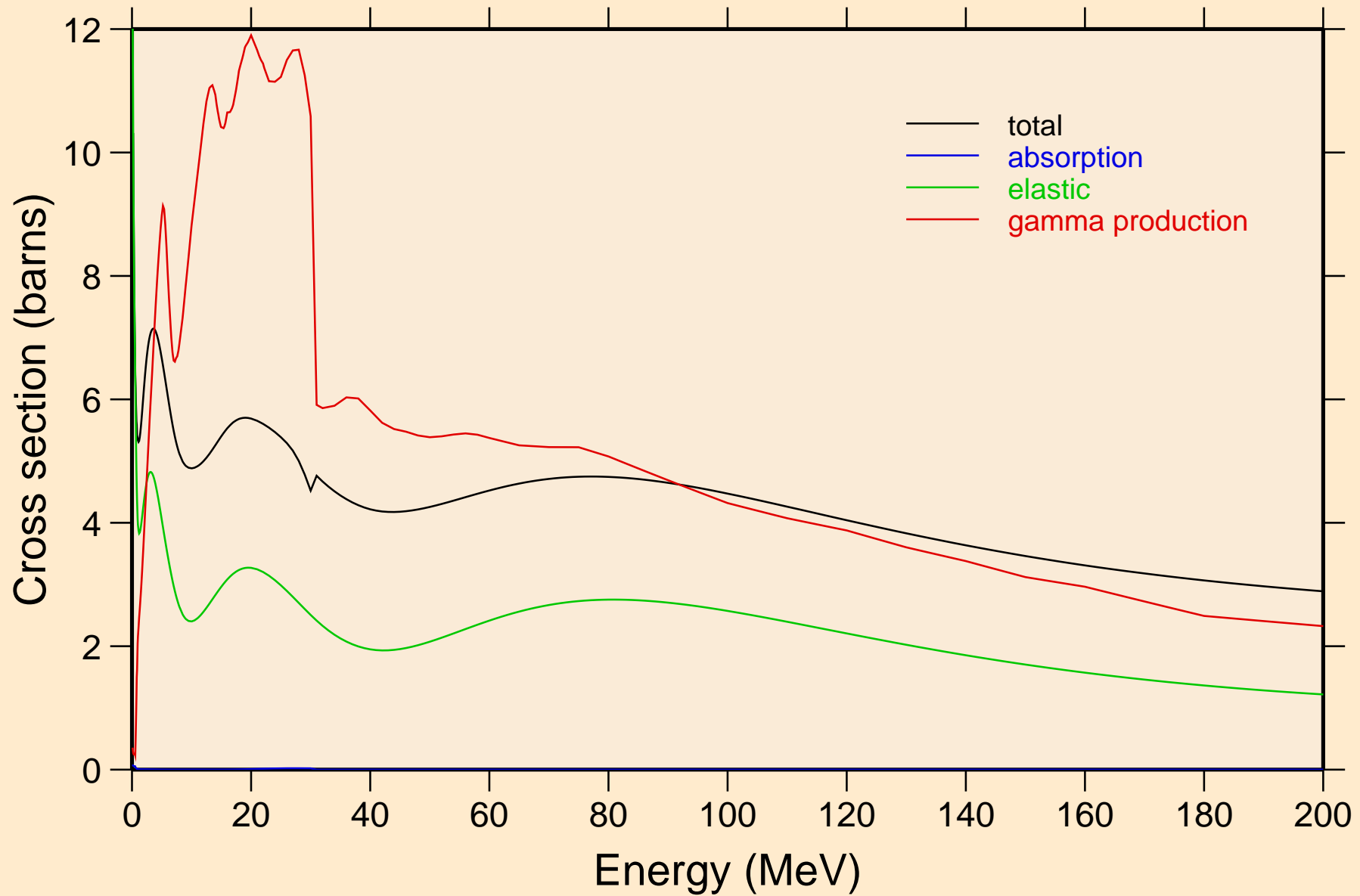


OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



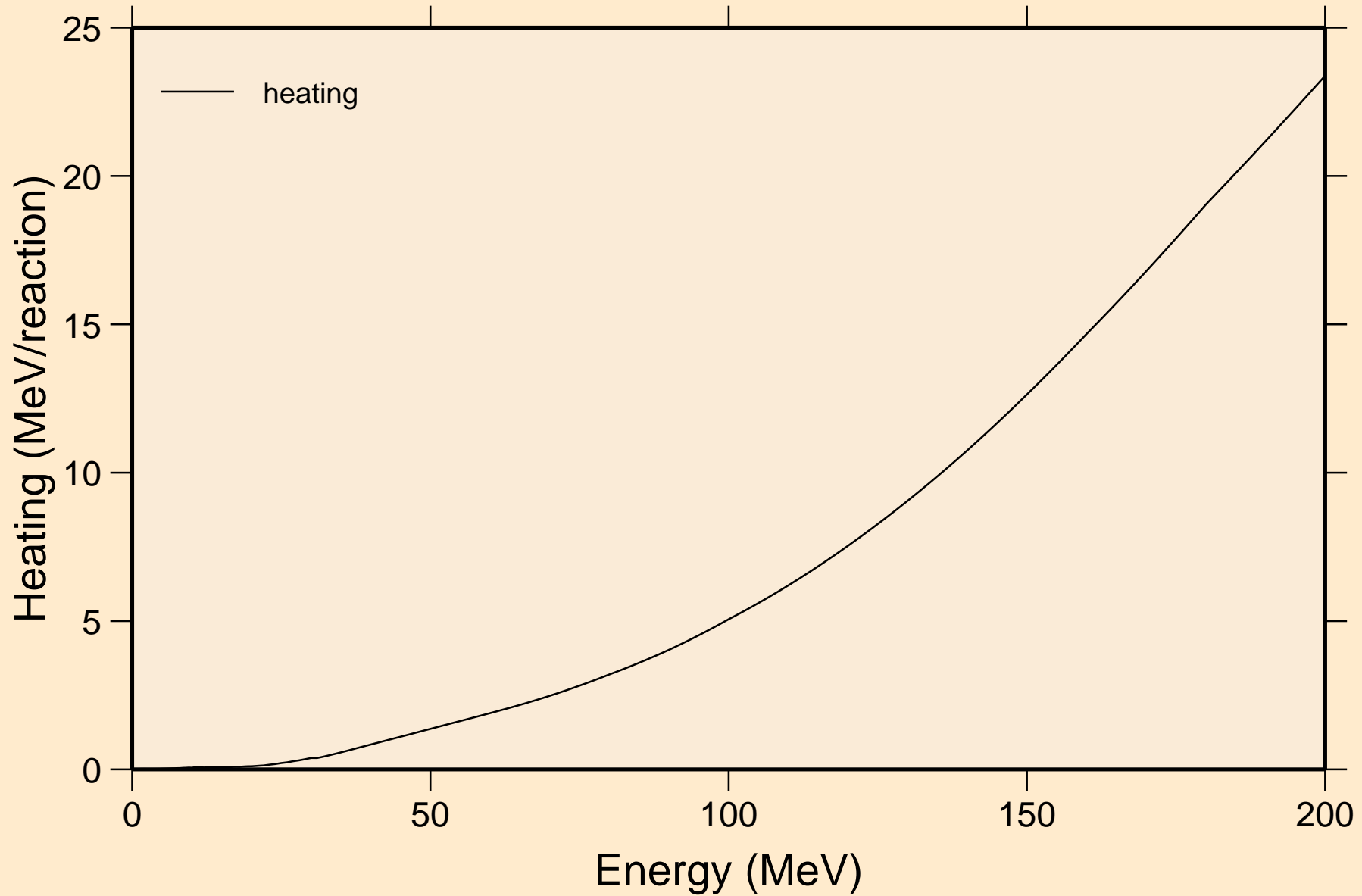
# OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



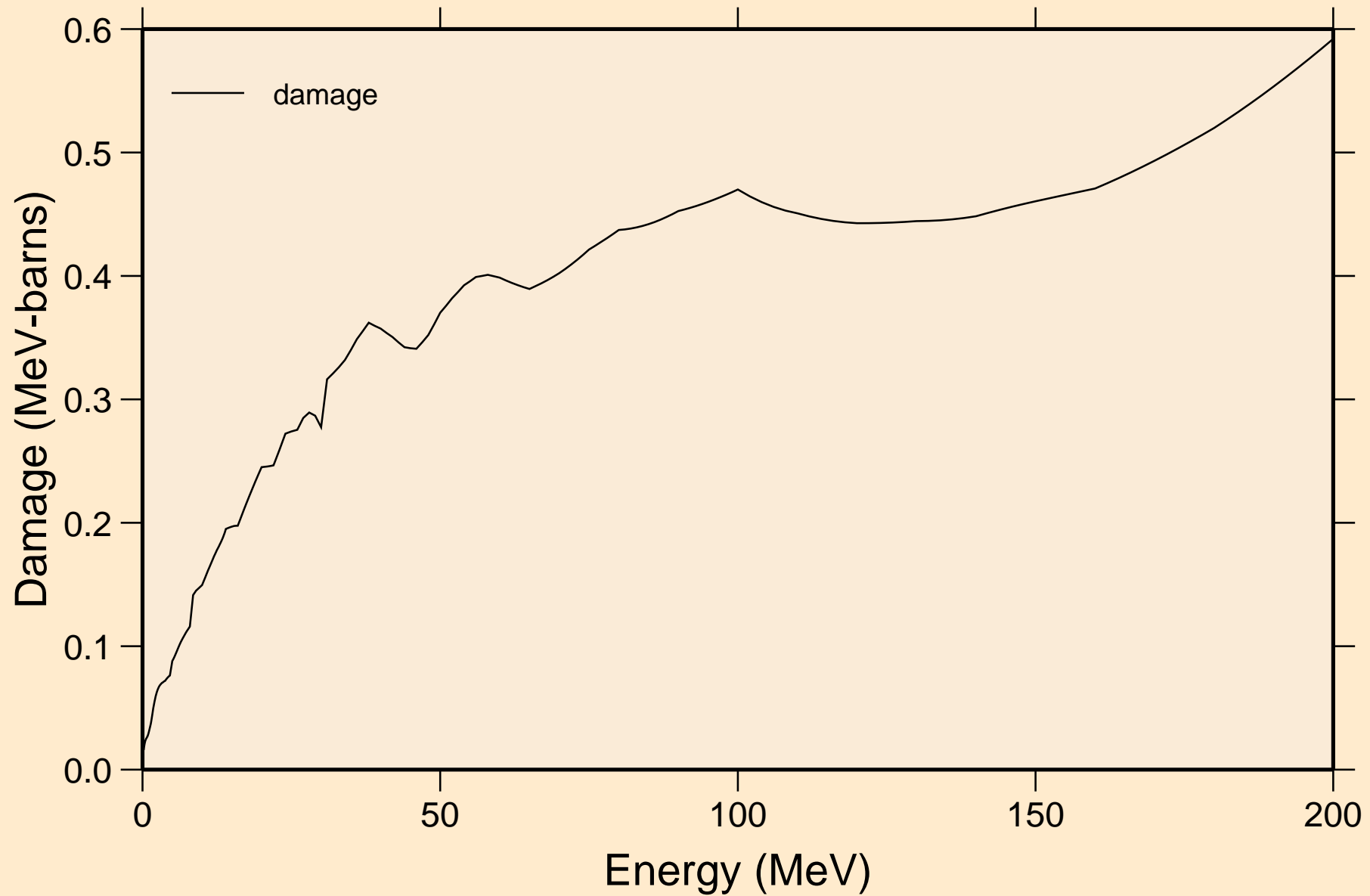
# OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

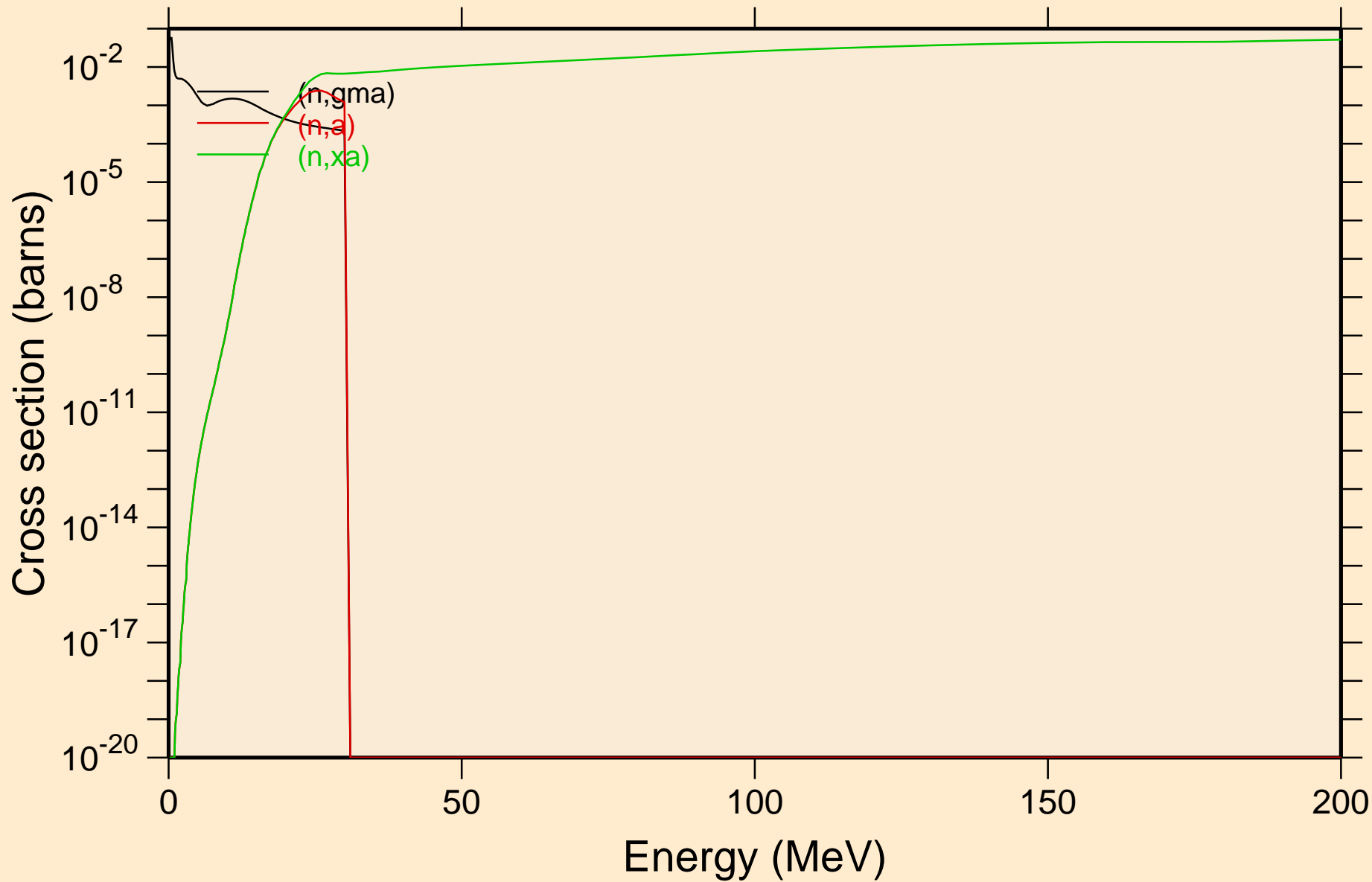


# OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

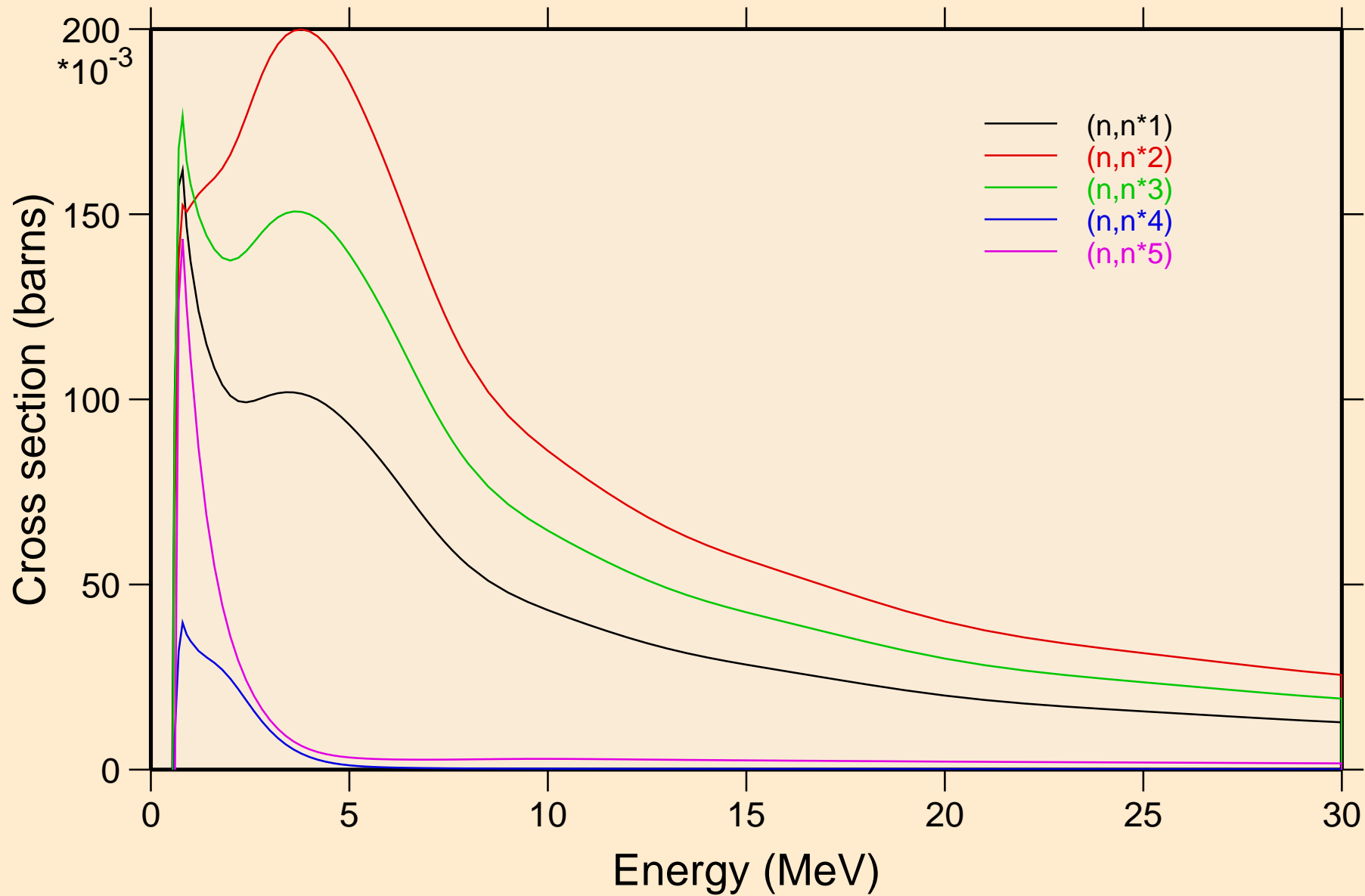


OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

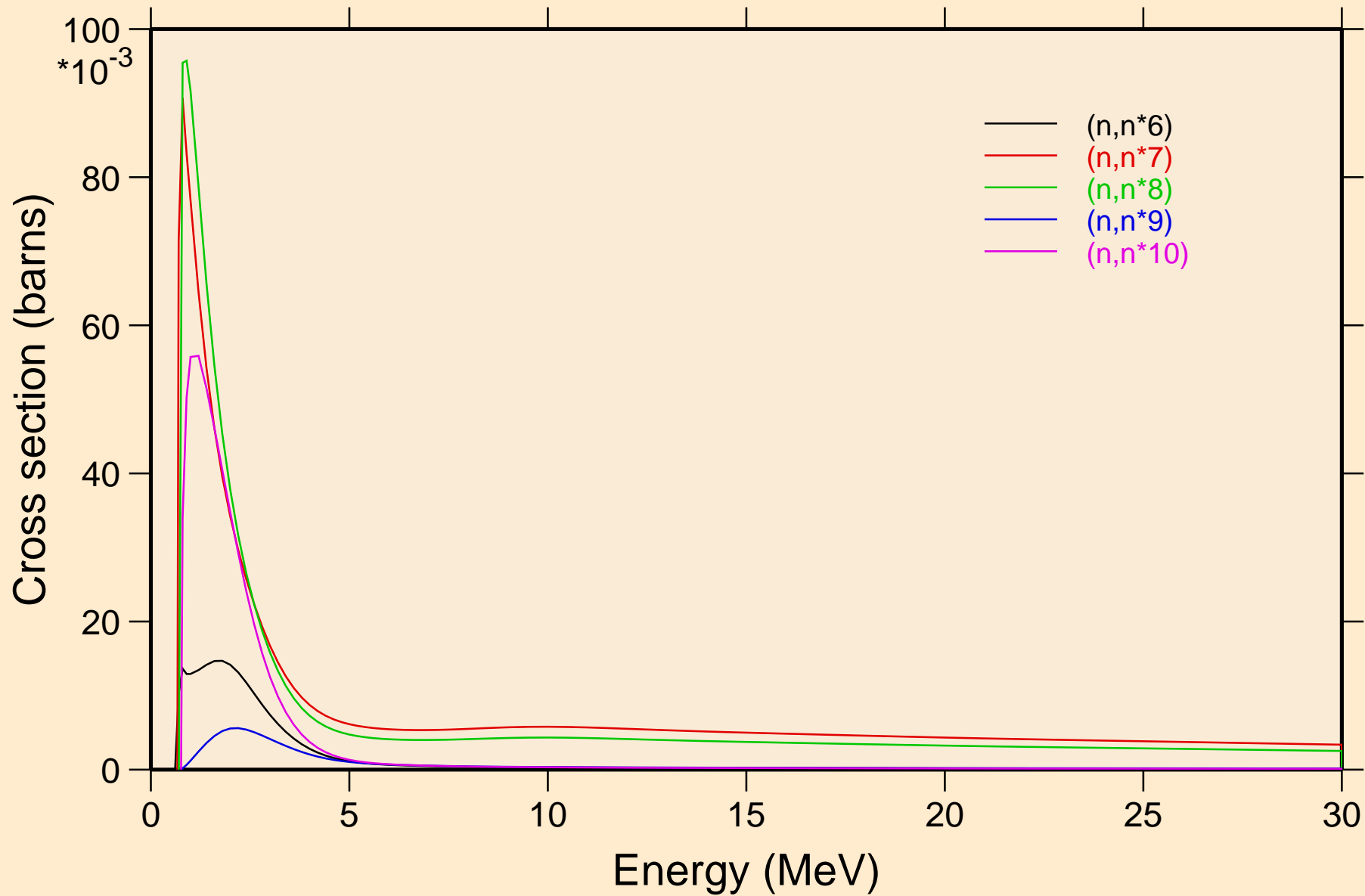




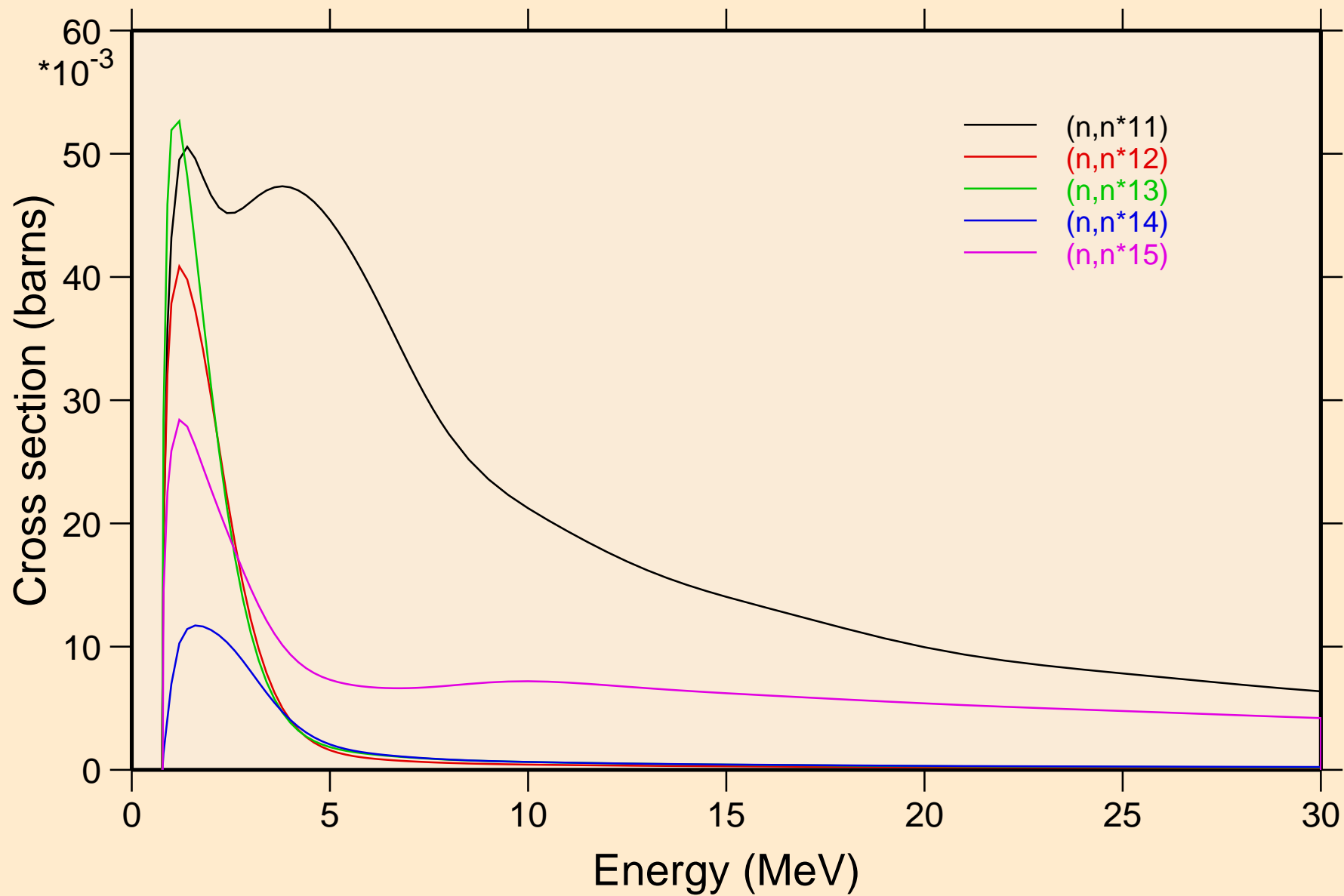
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



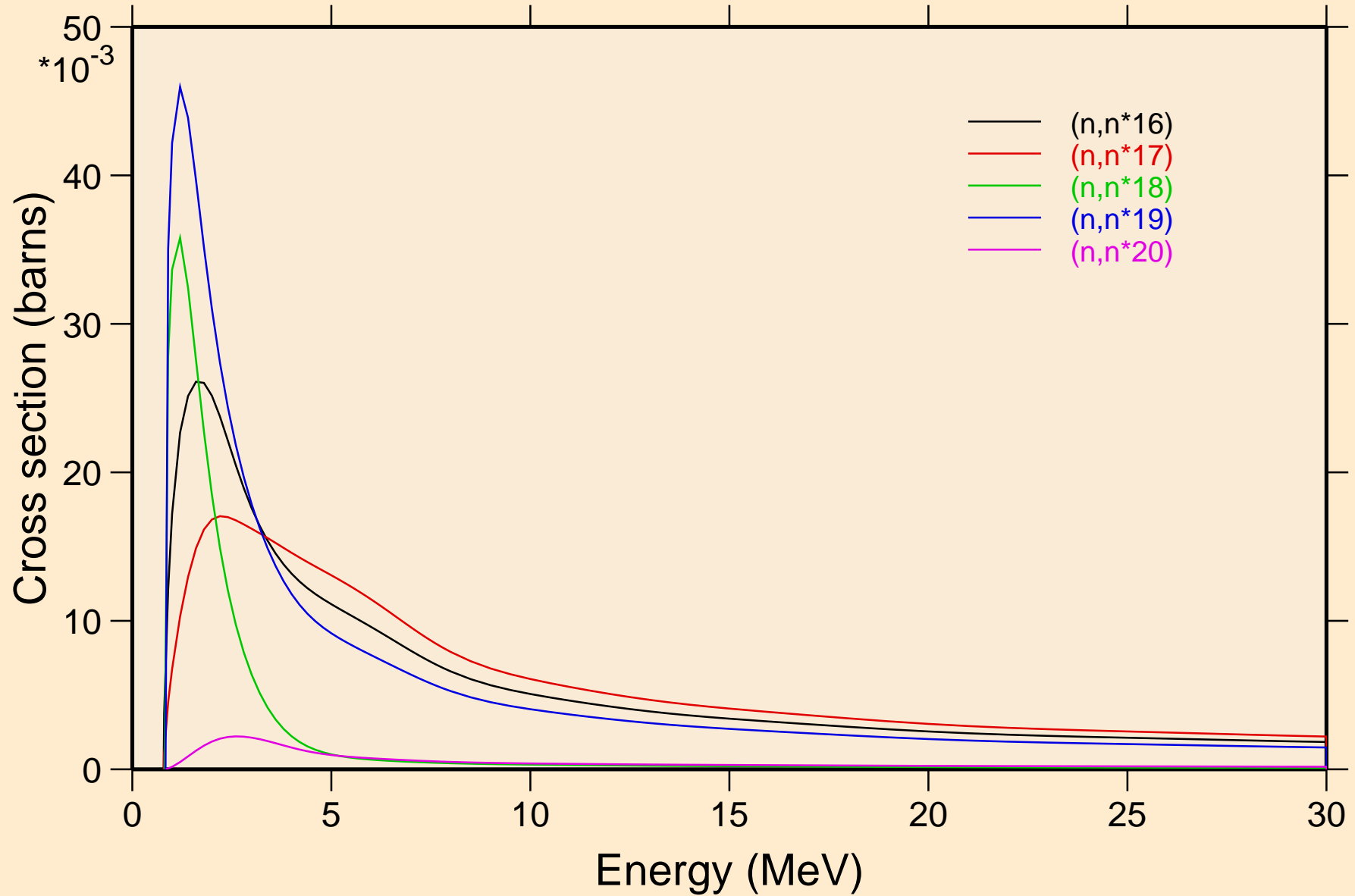
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



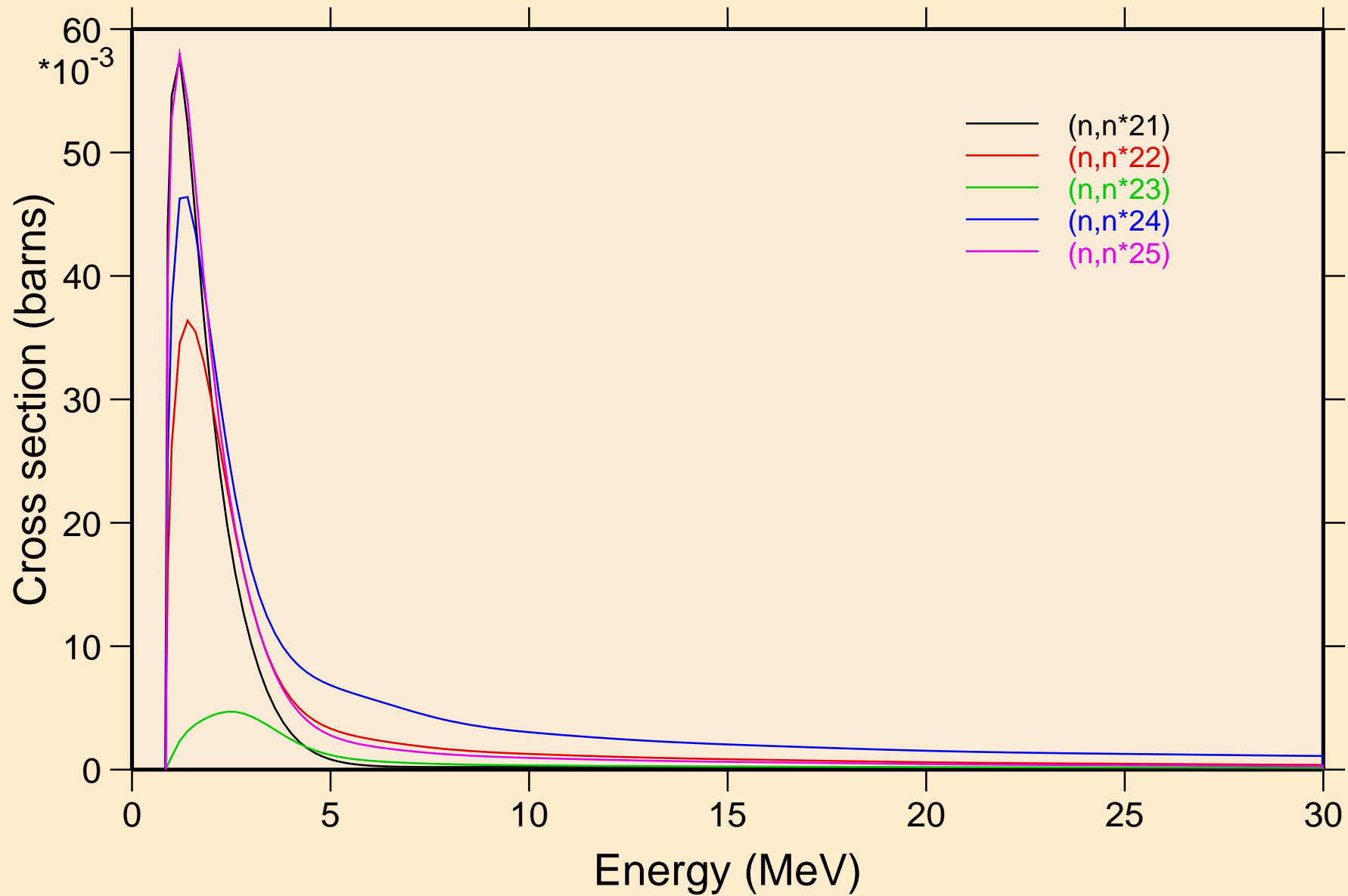
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



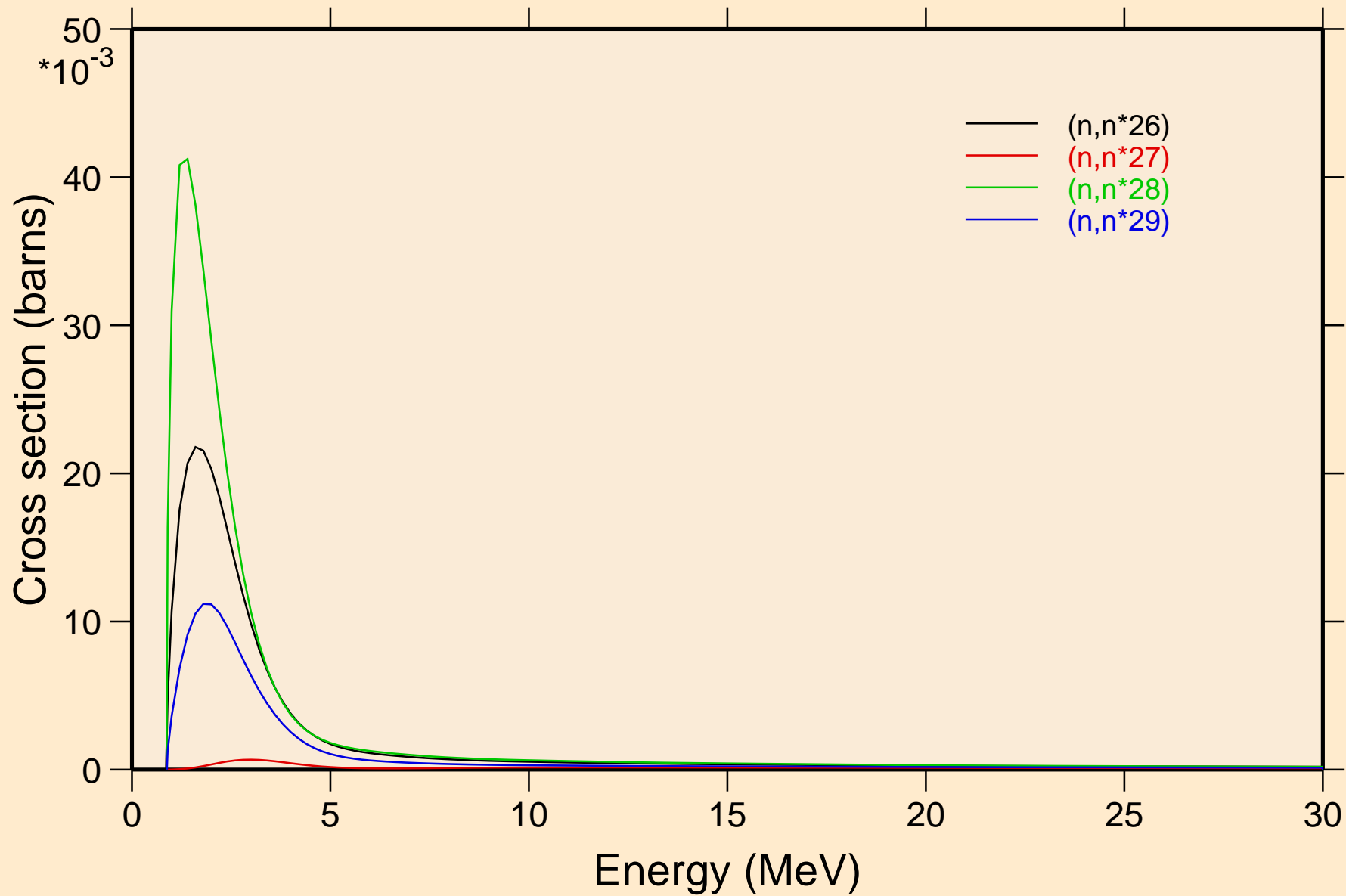
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

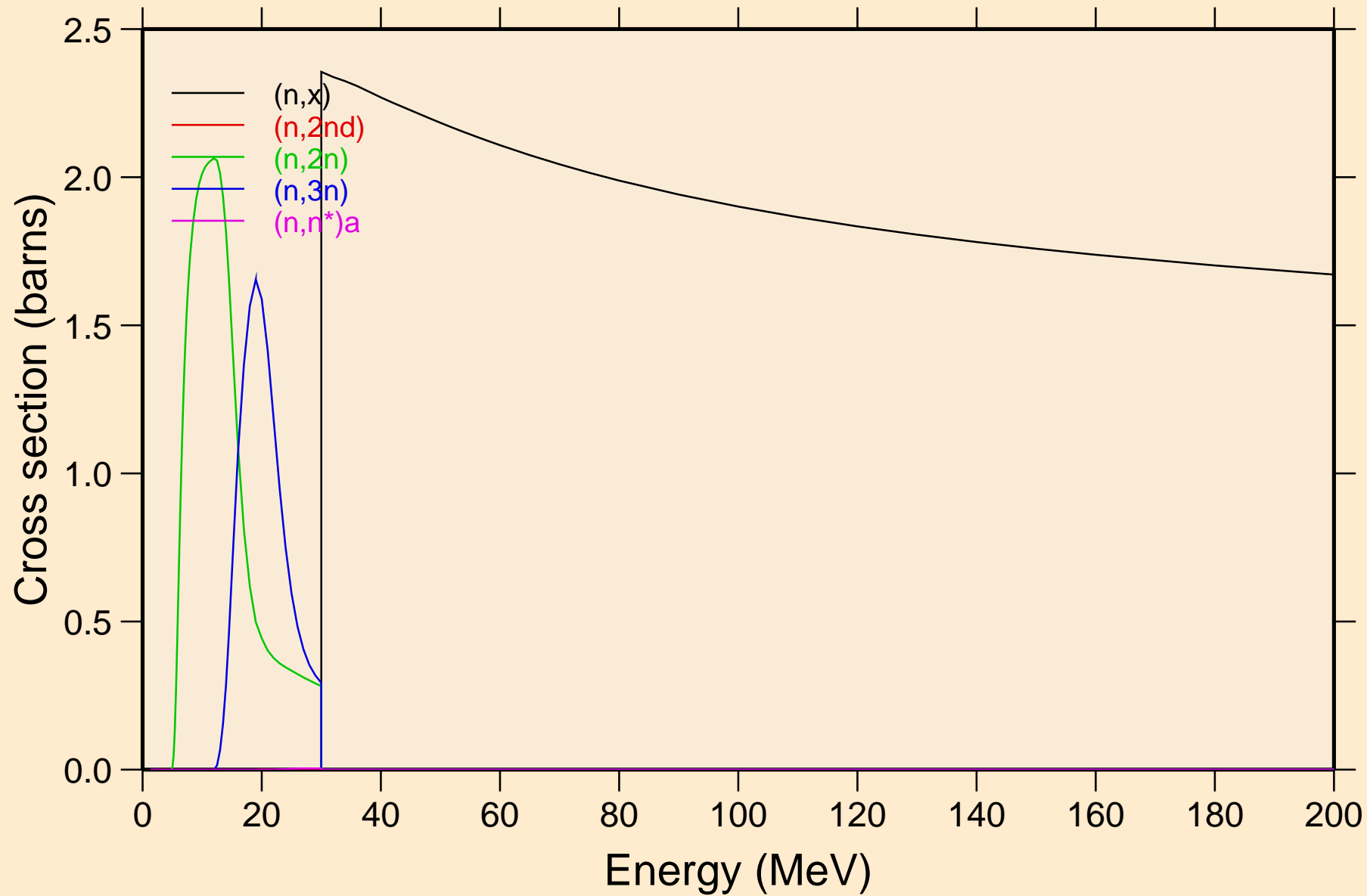


OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



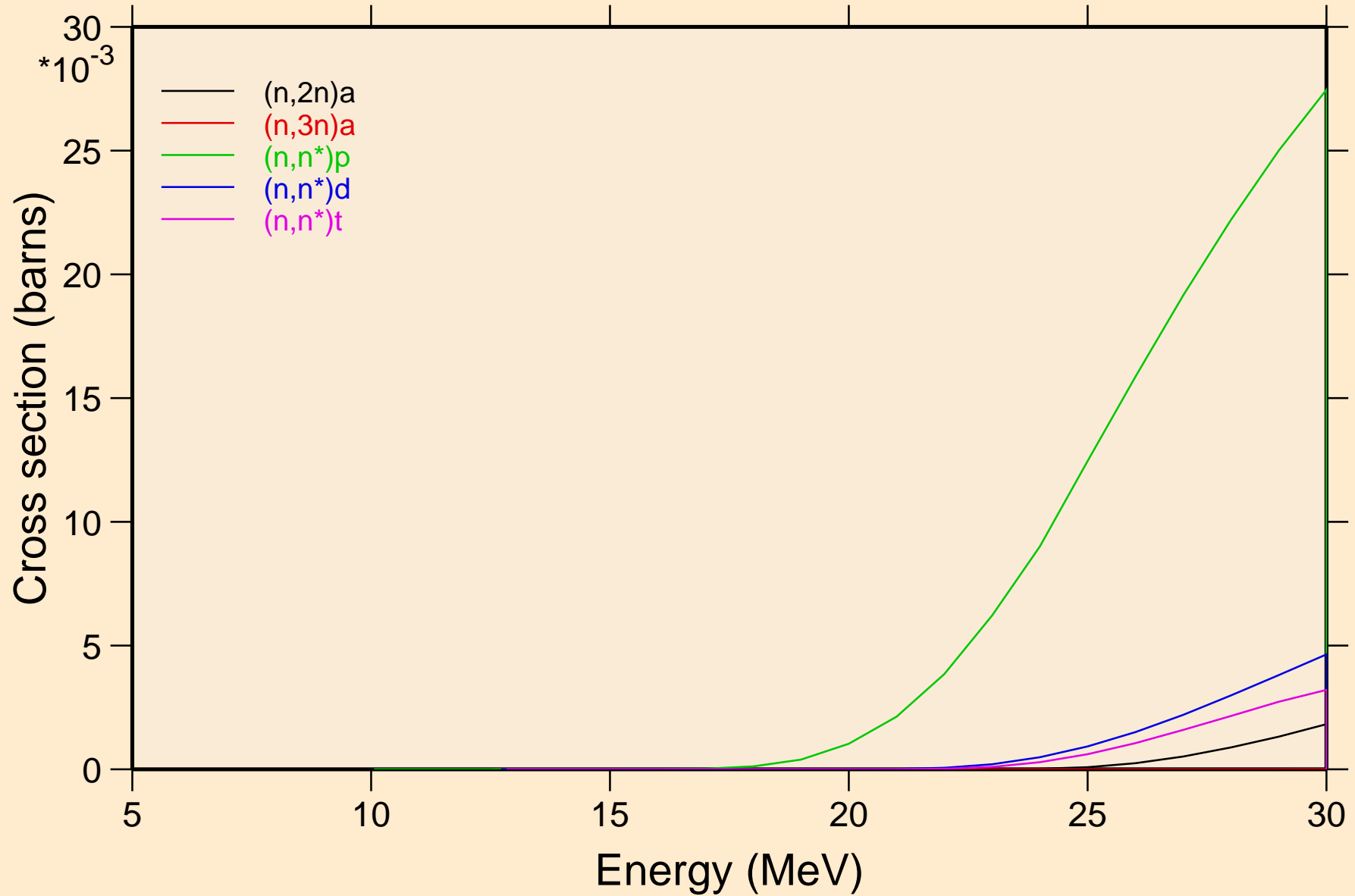
# OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



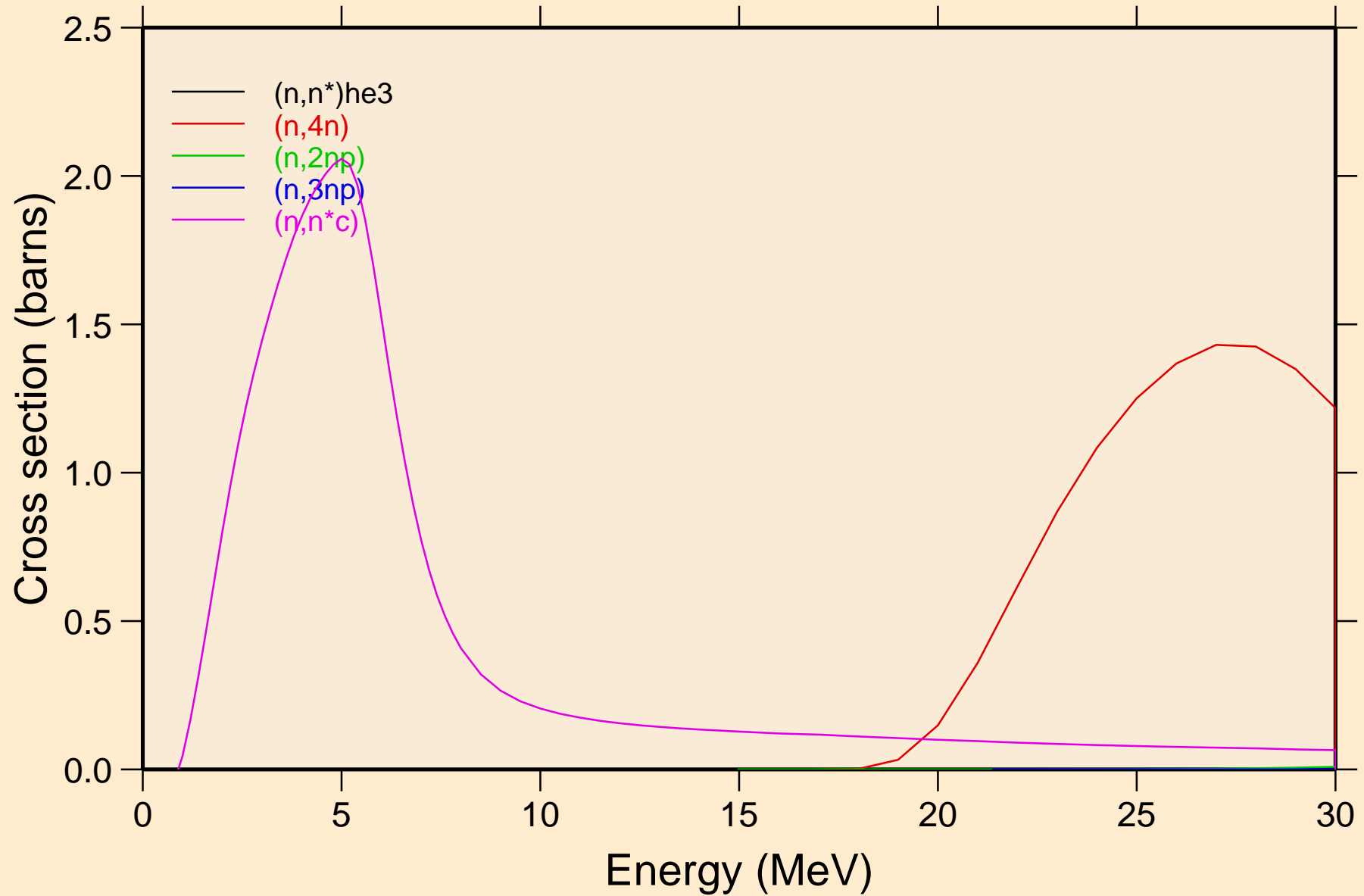
# OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



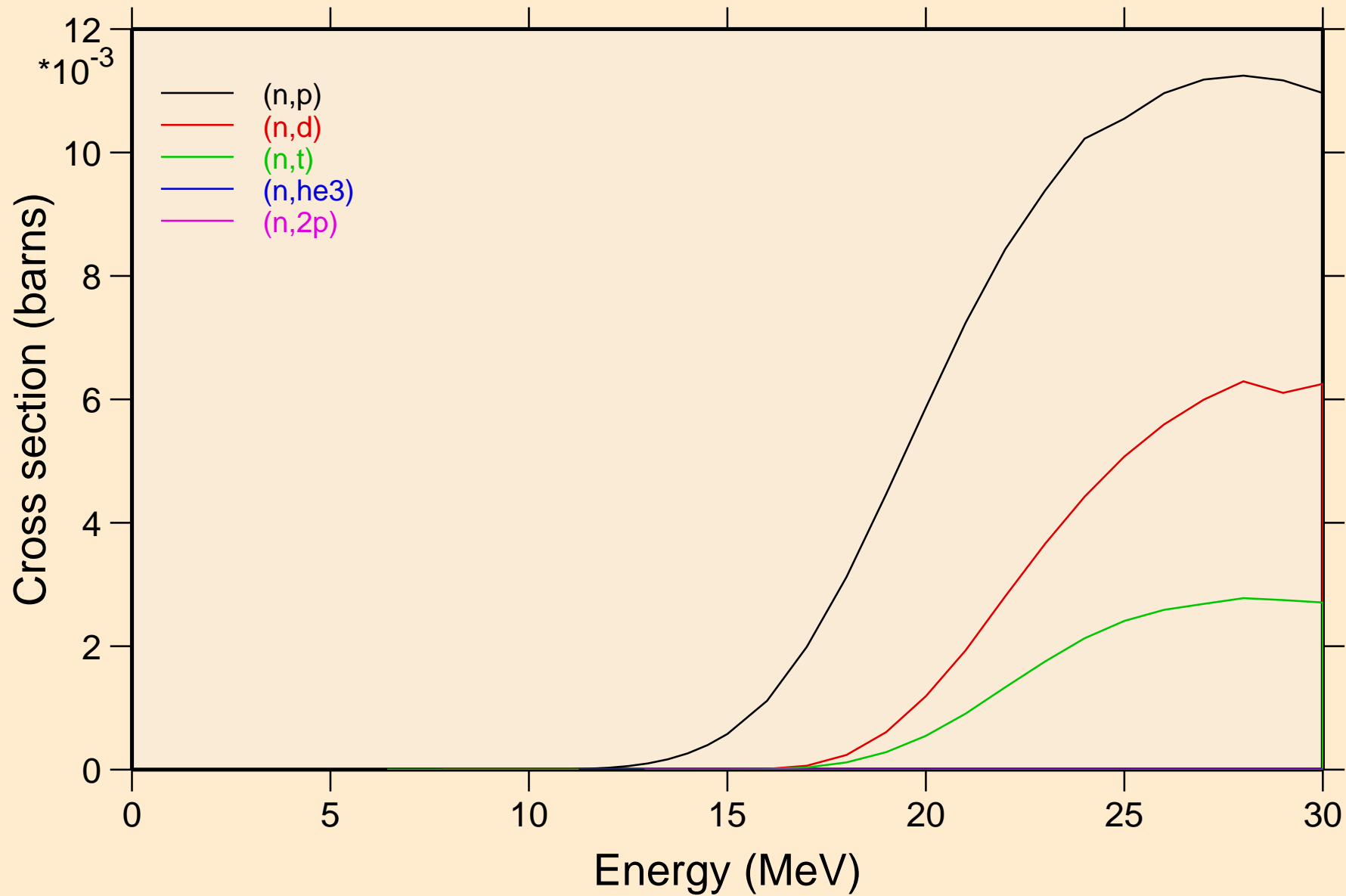


OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



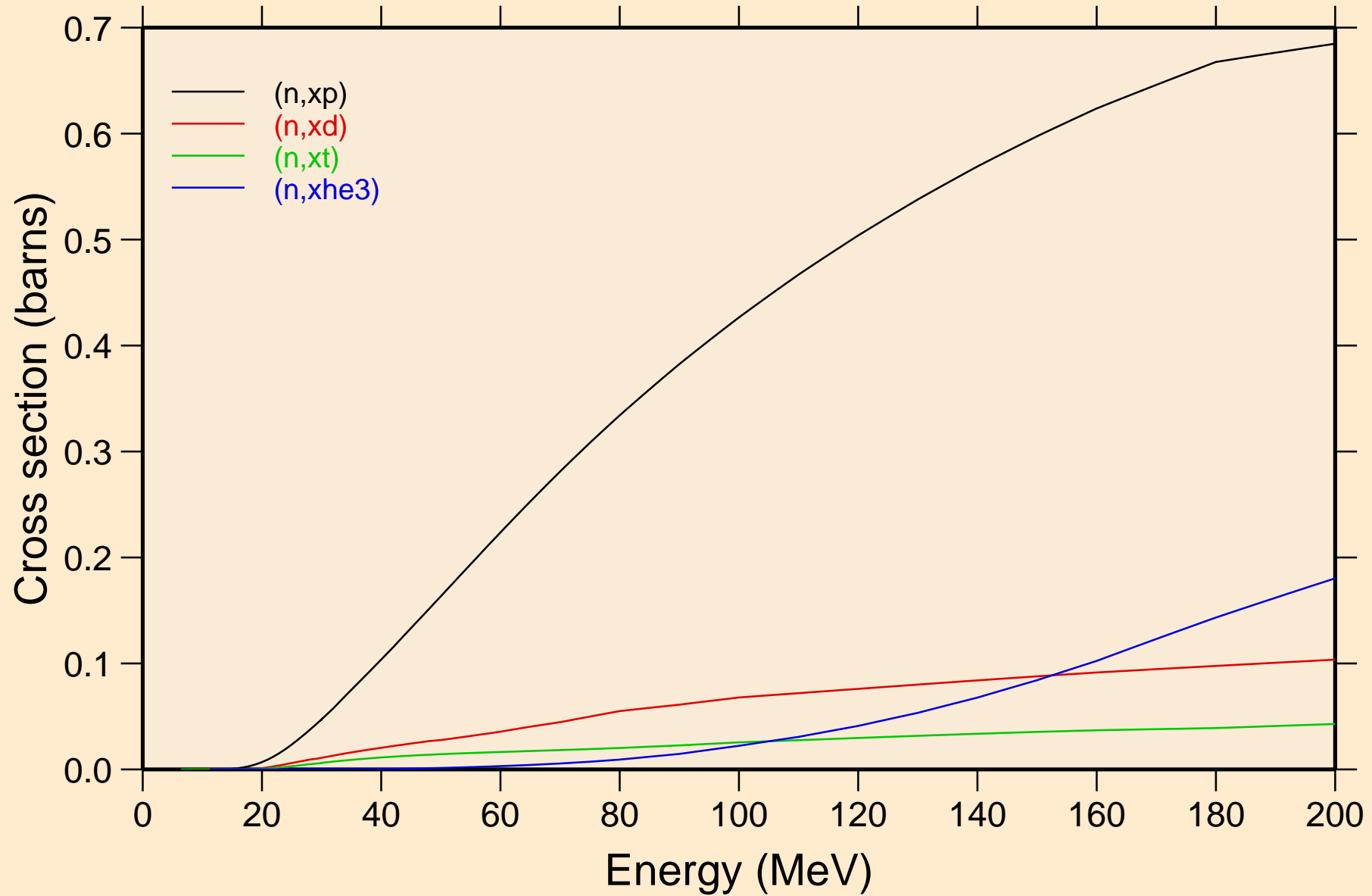
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## Threshold reactions

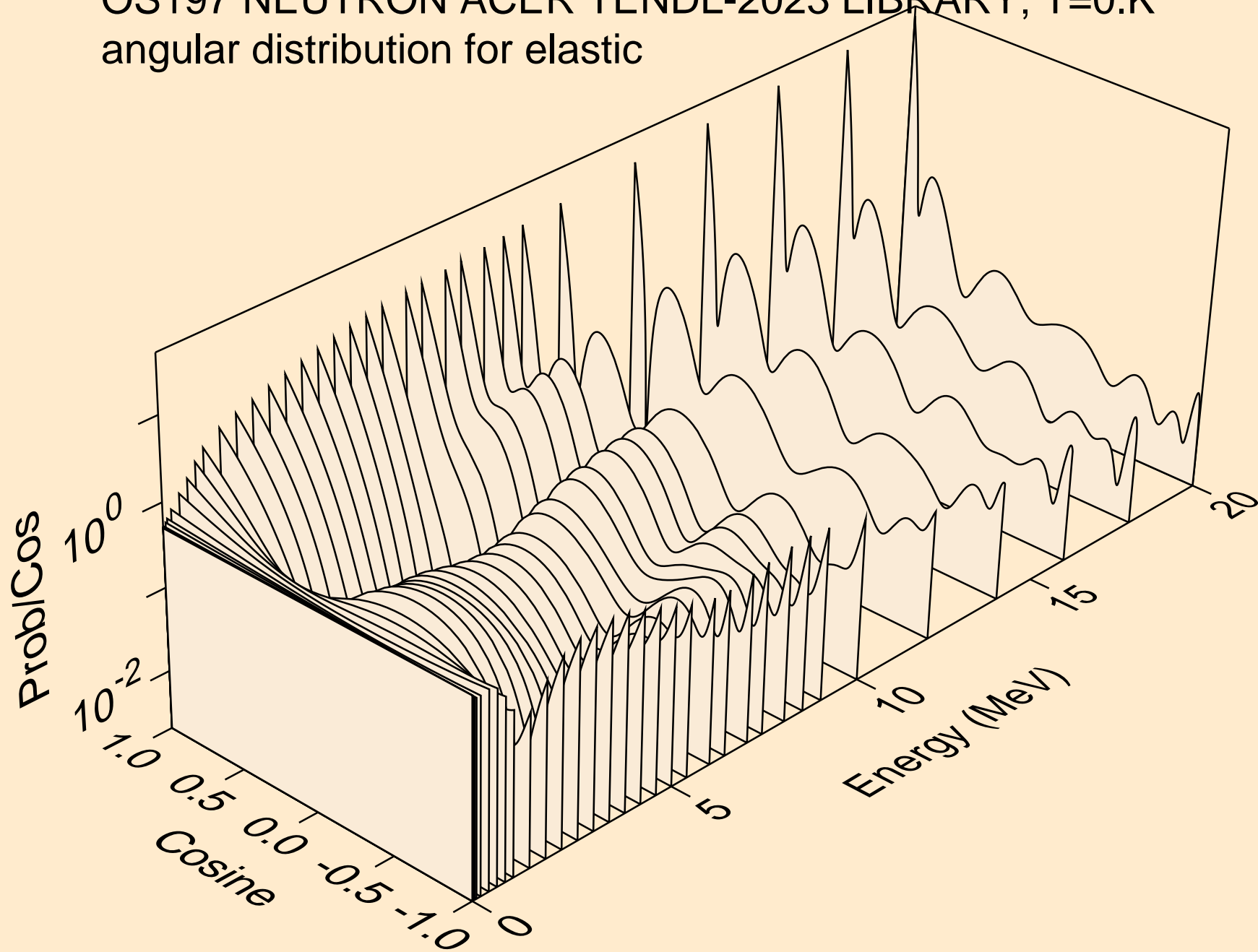


# OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

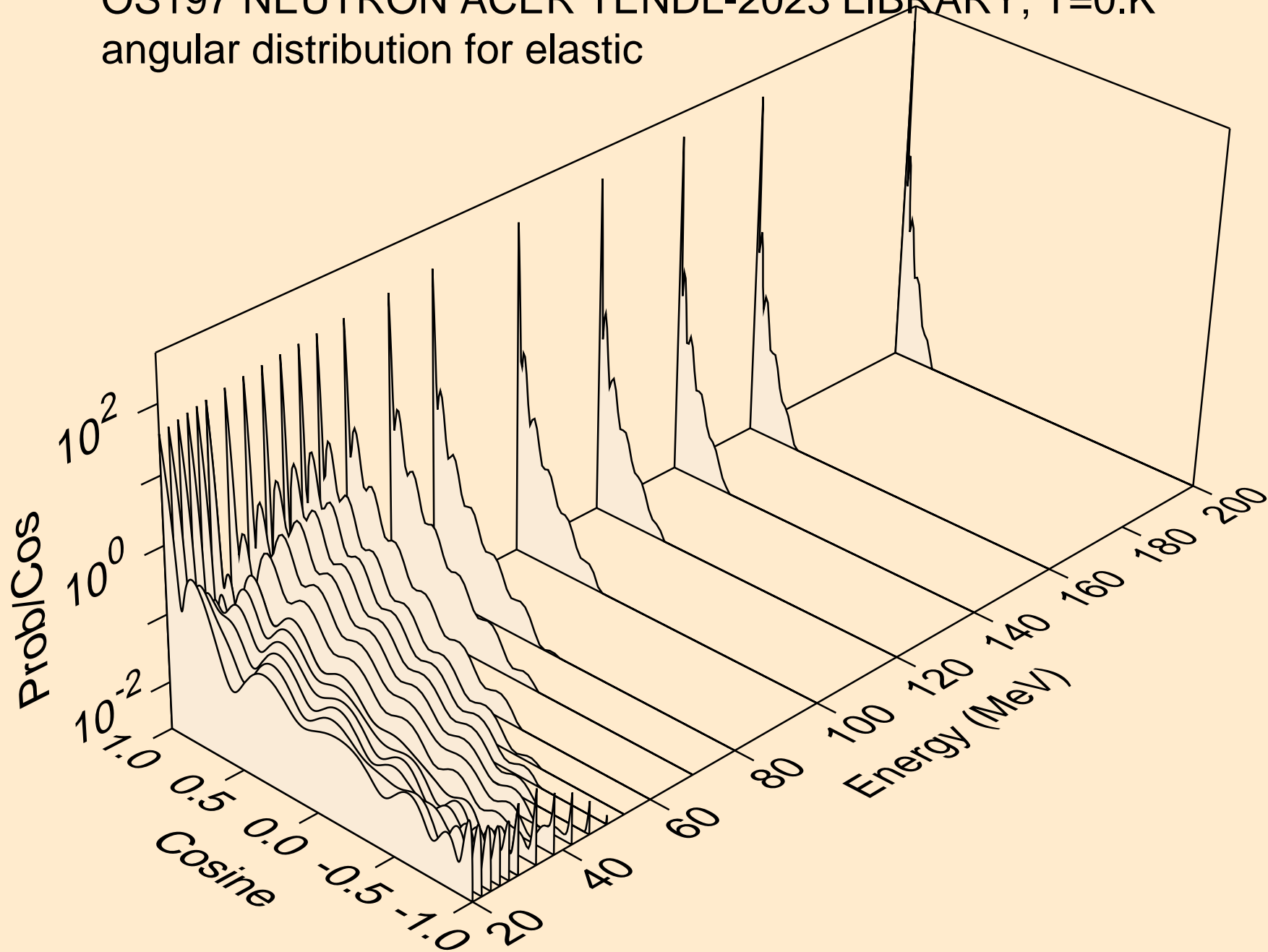
## Threshold reactions



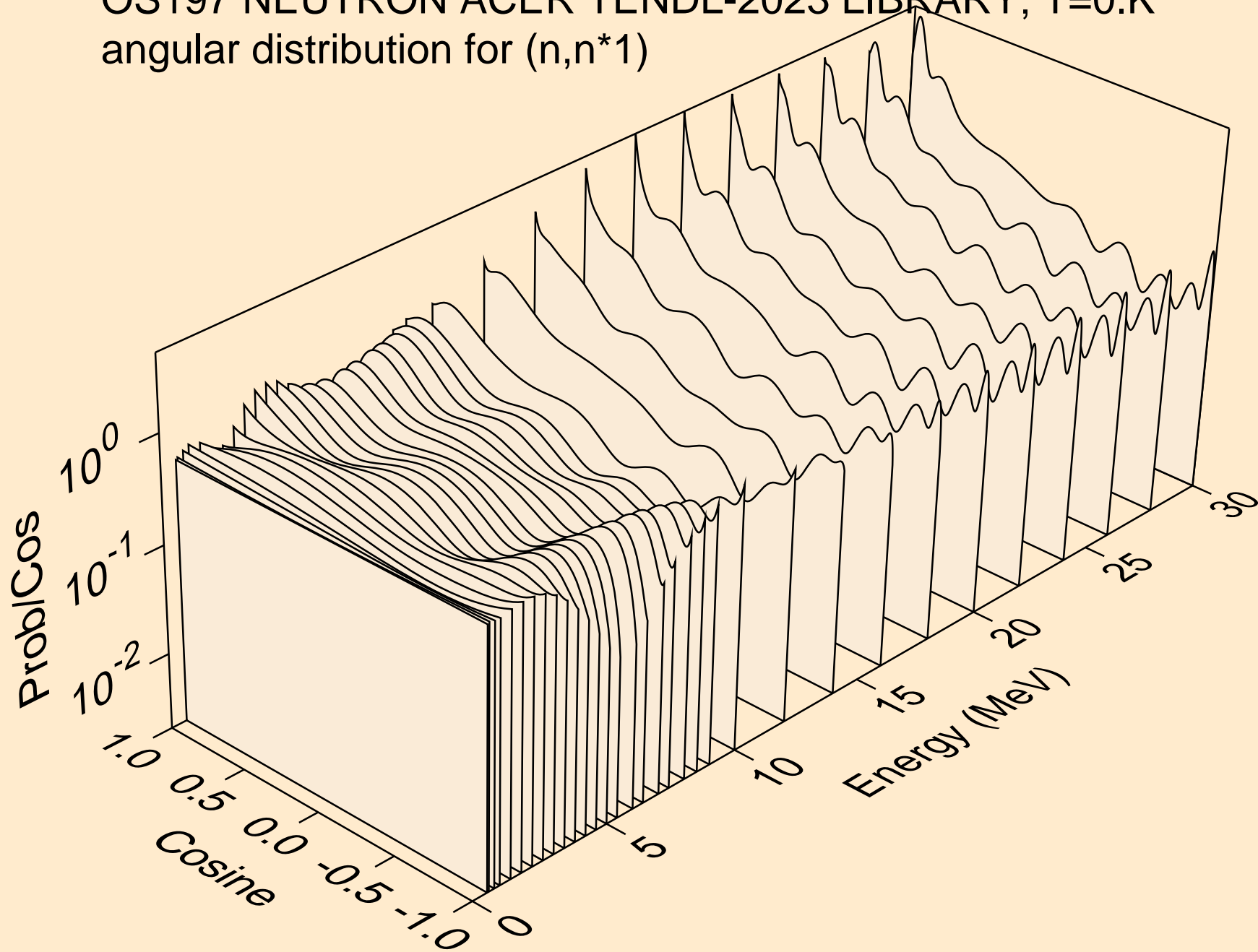
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



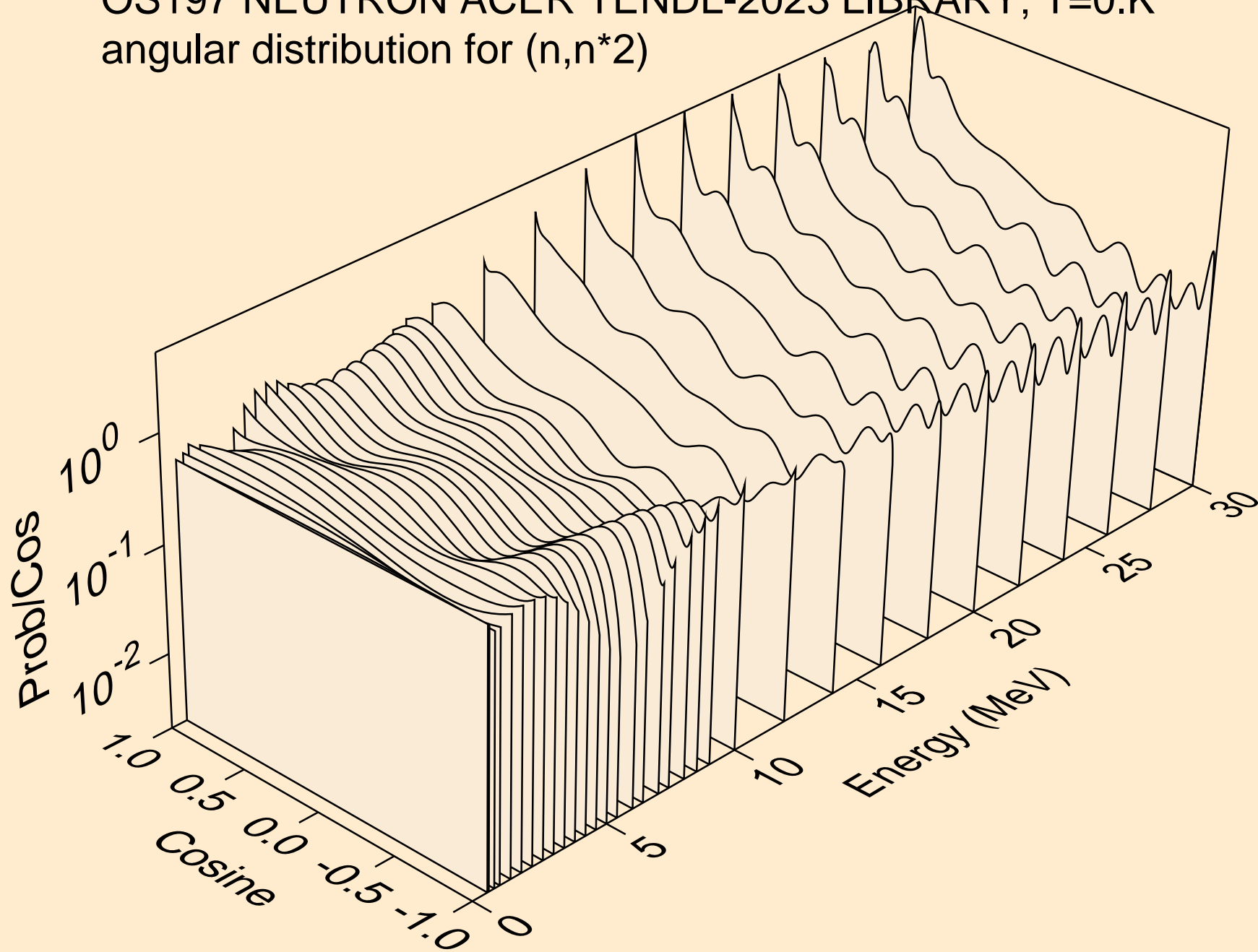
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



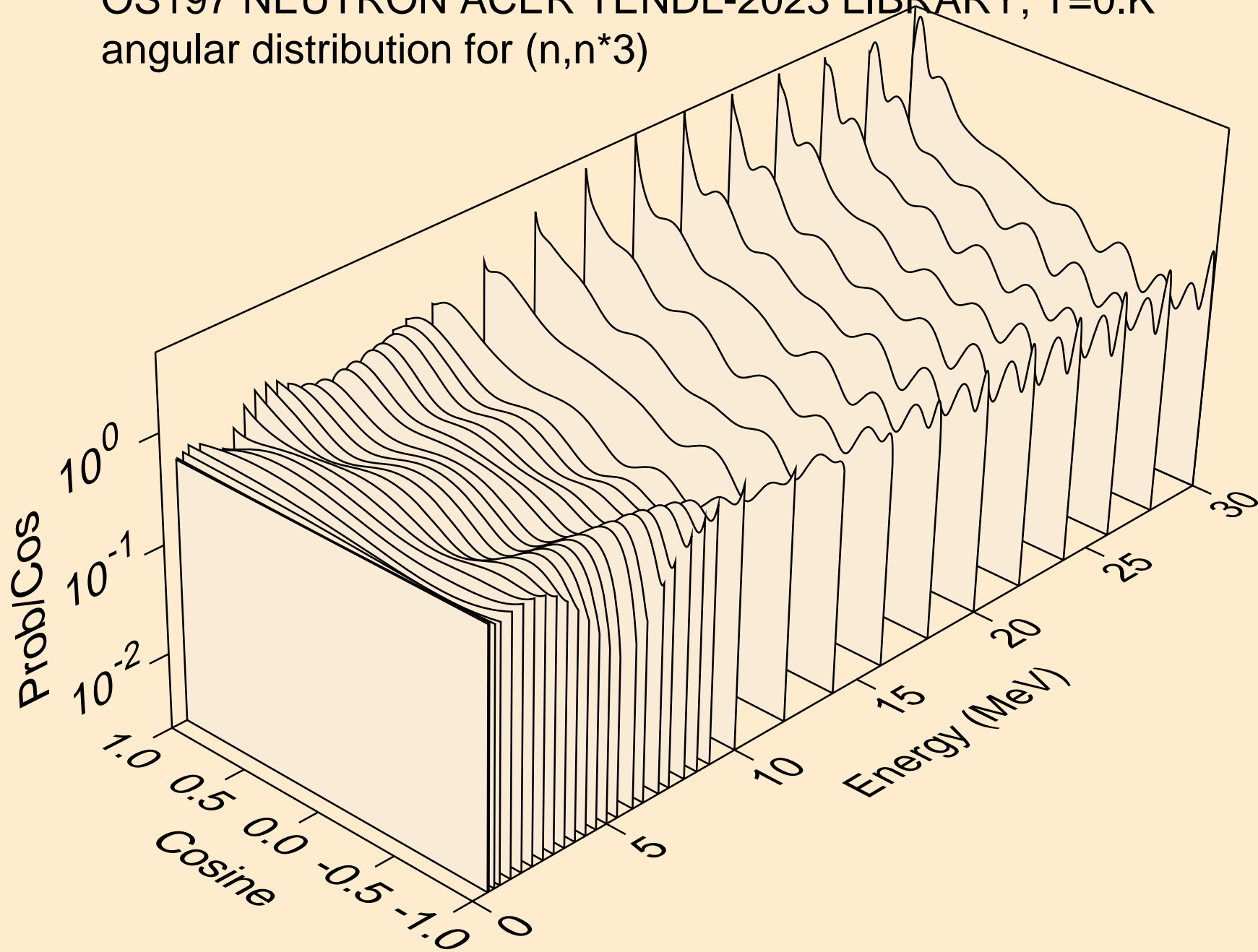
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

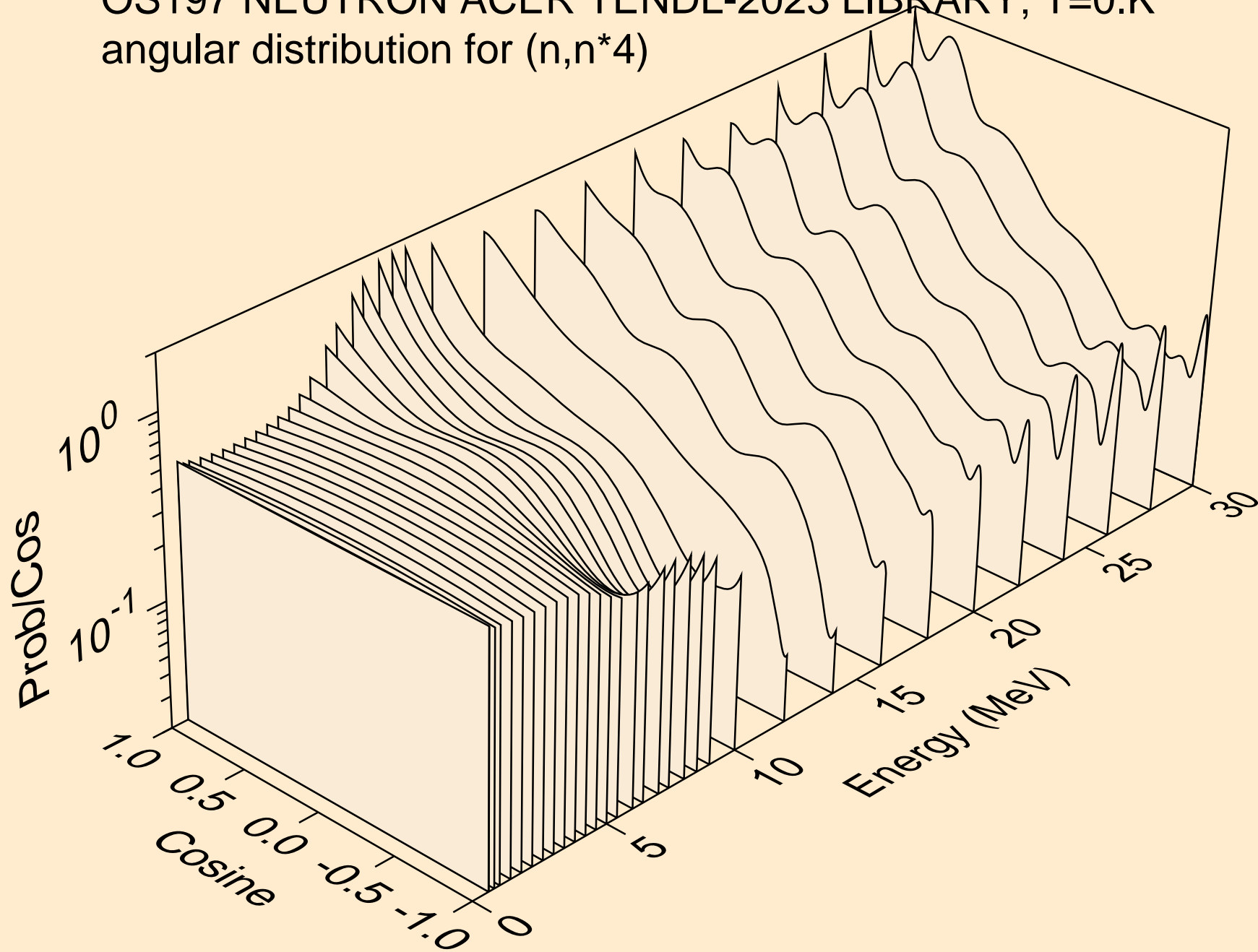


OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

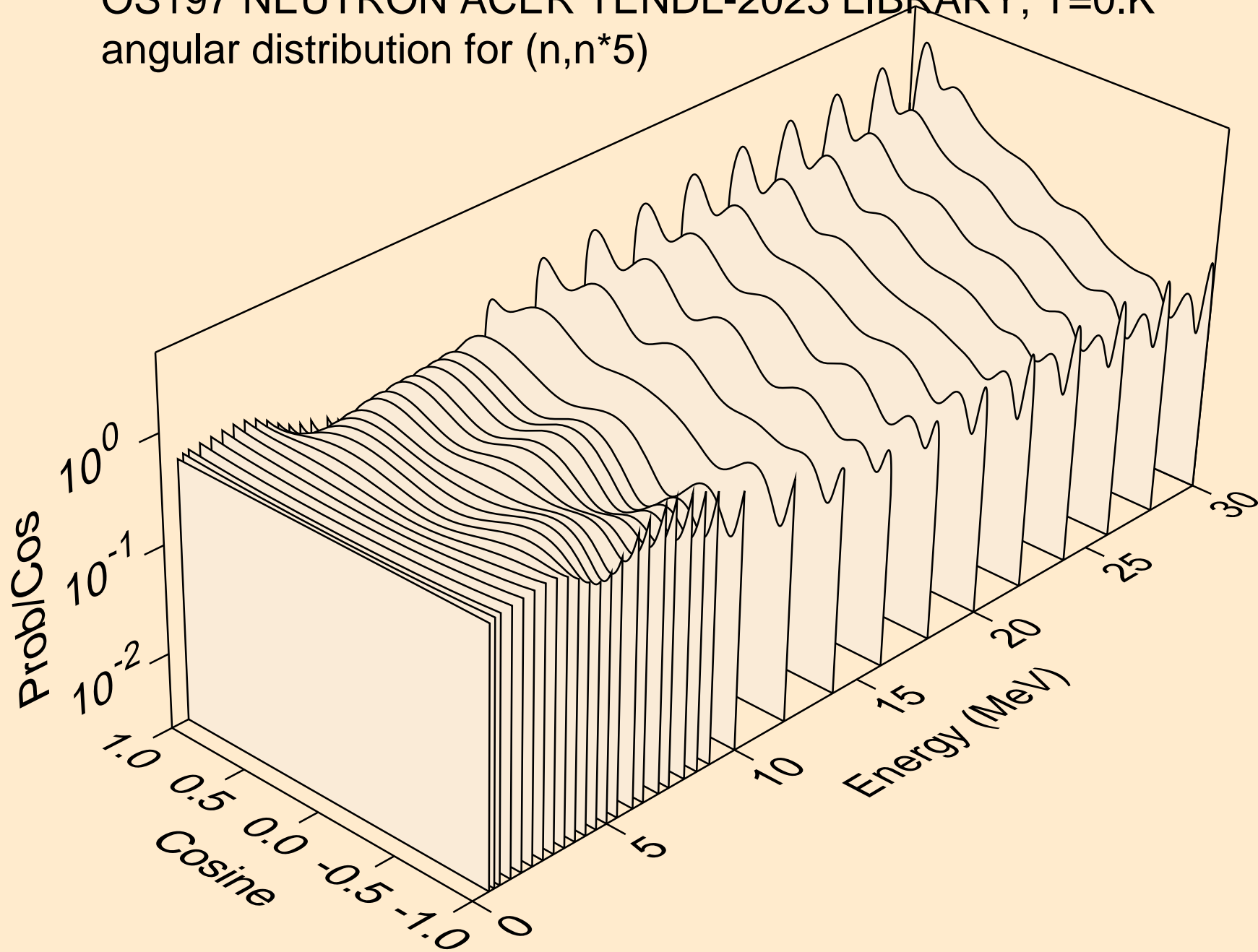




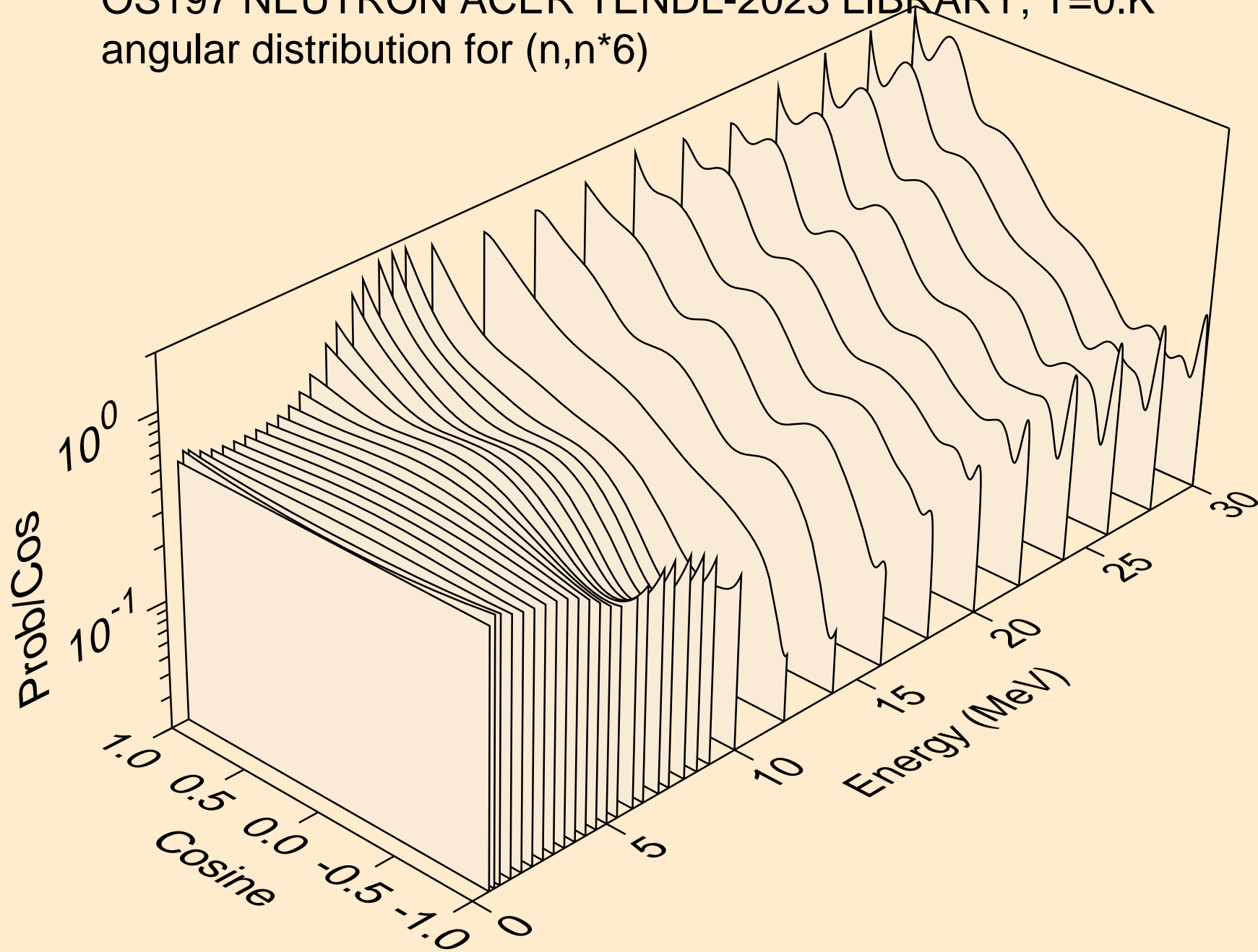
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



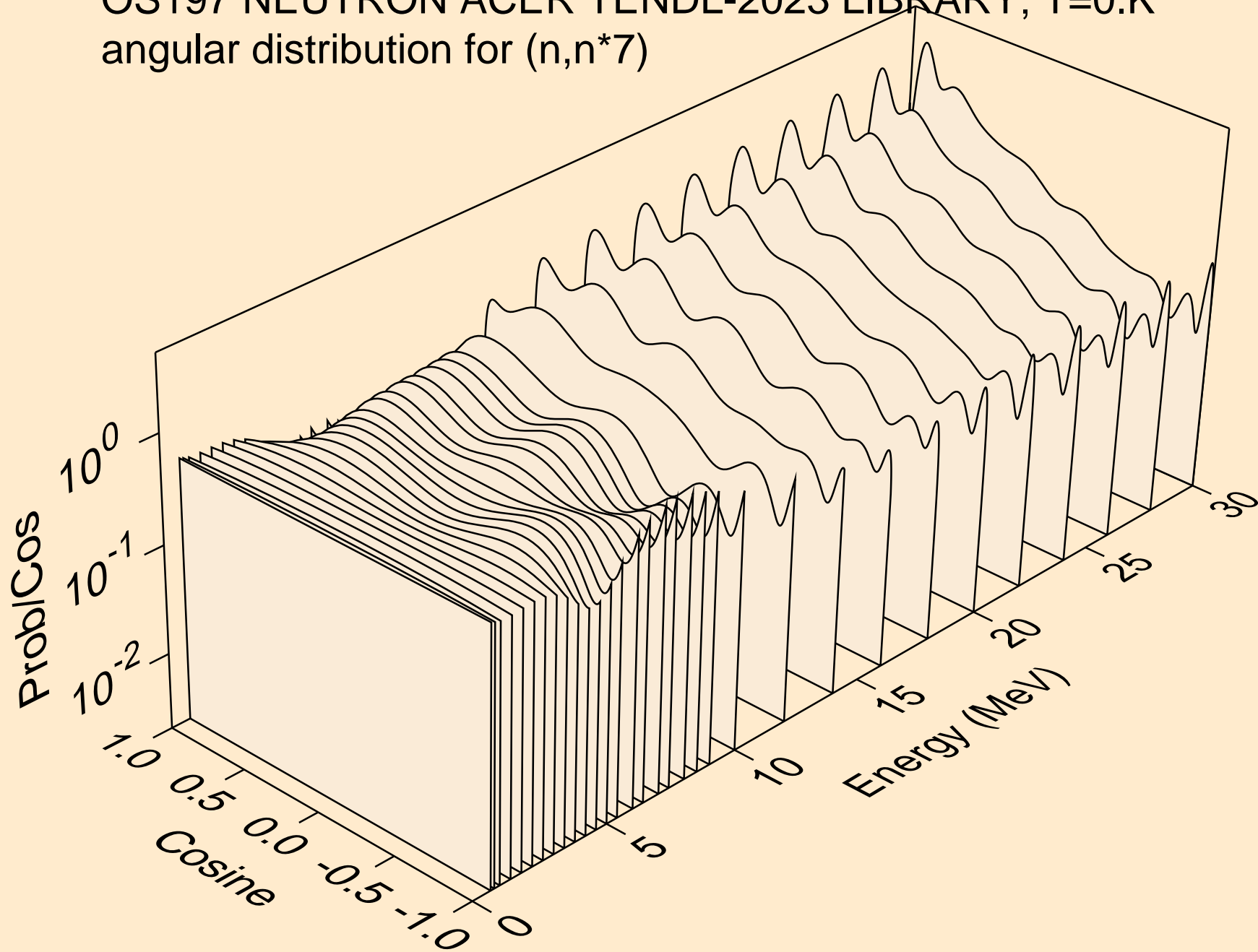
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



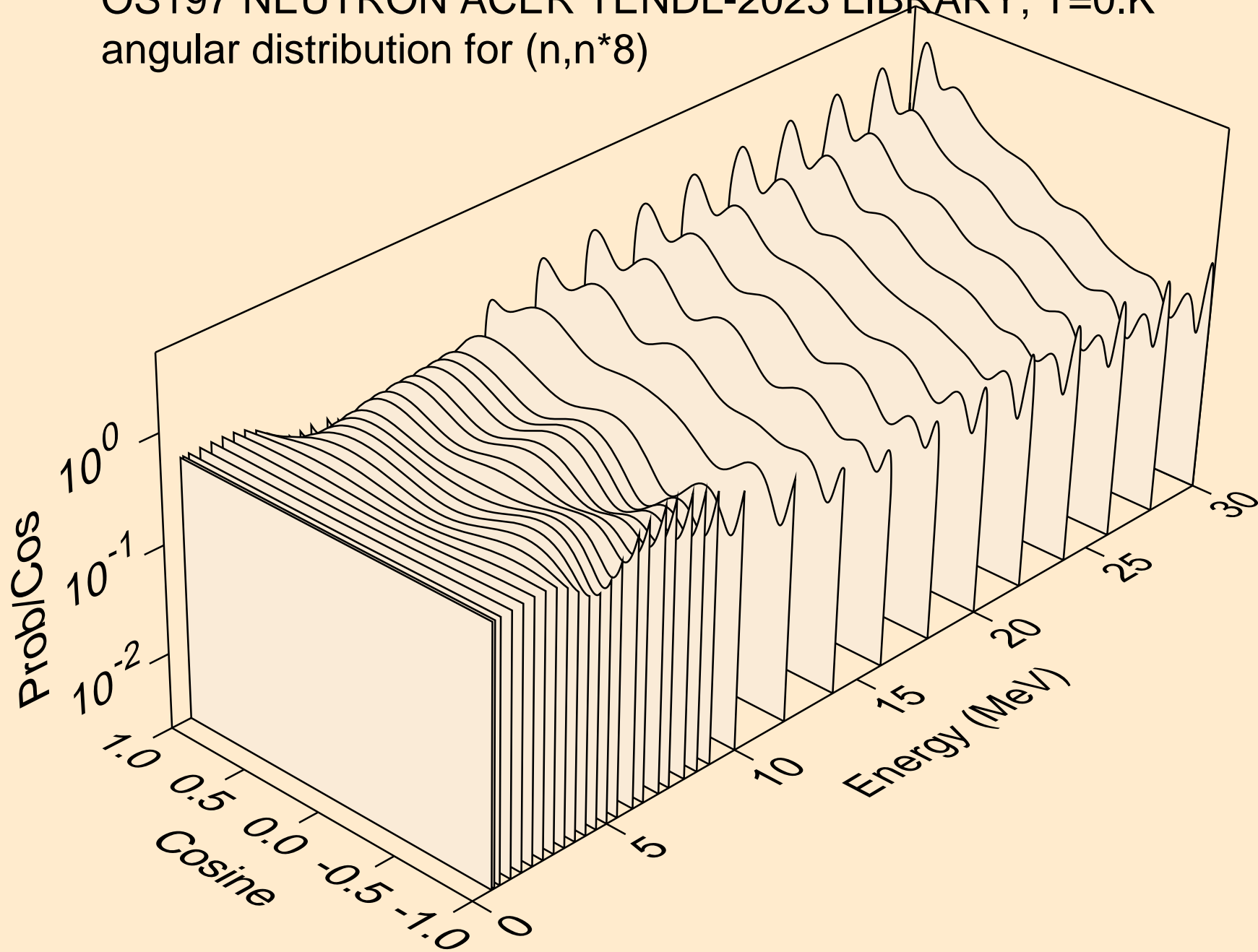
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



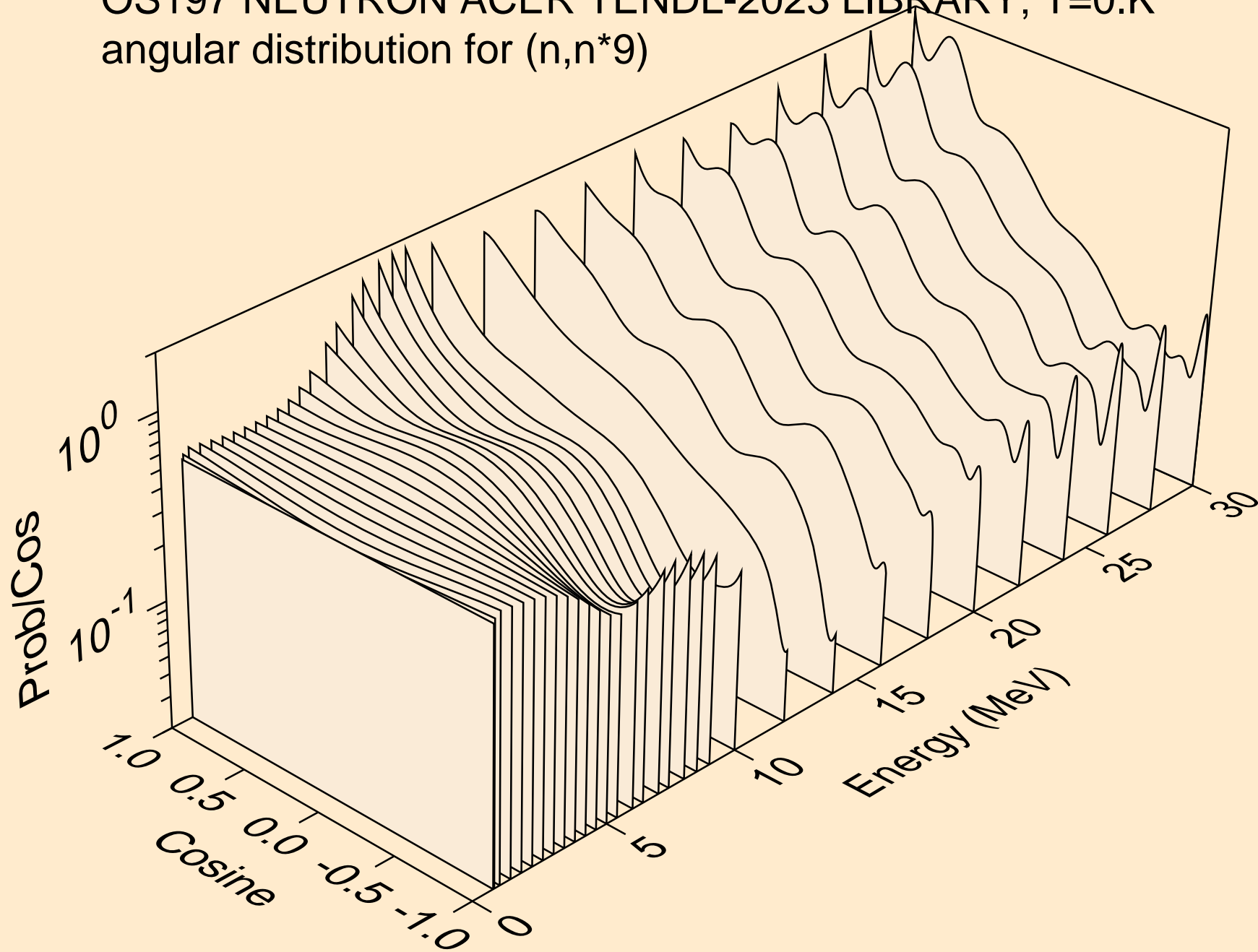
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angular distribution for (n,n\*7)



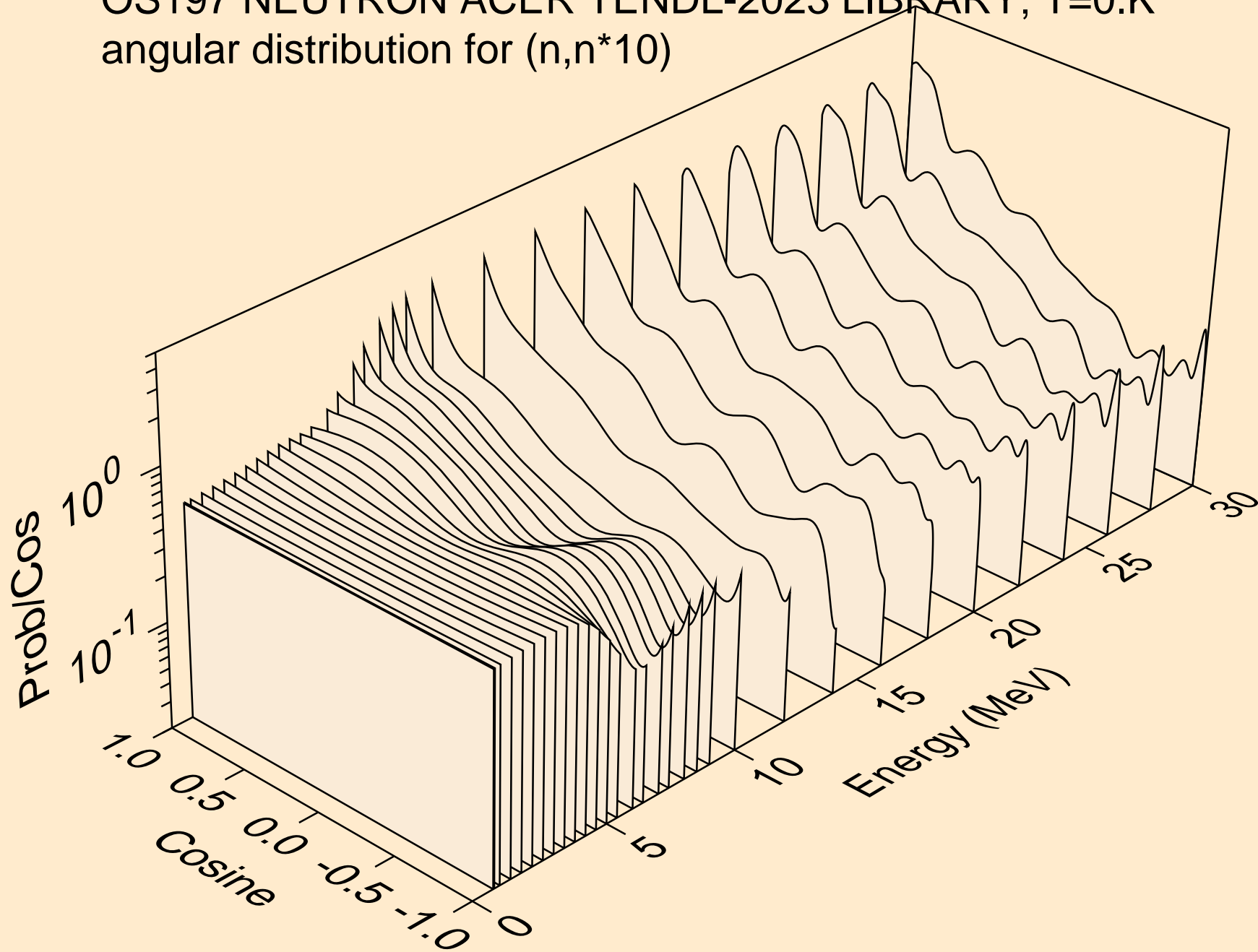
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

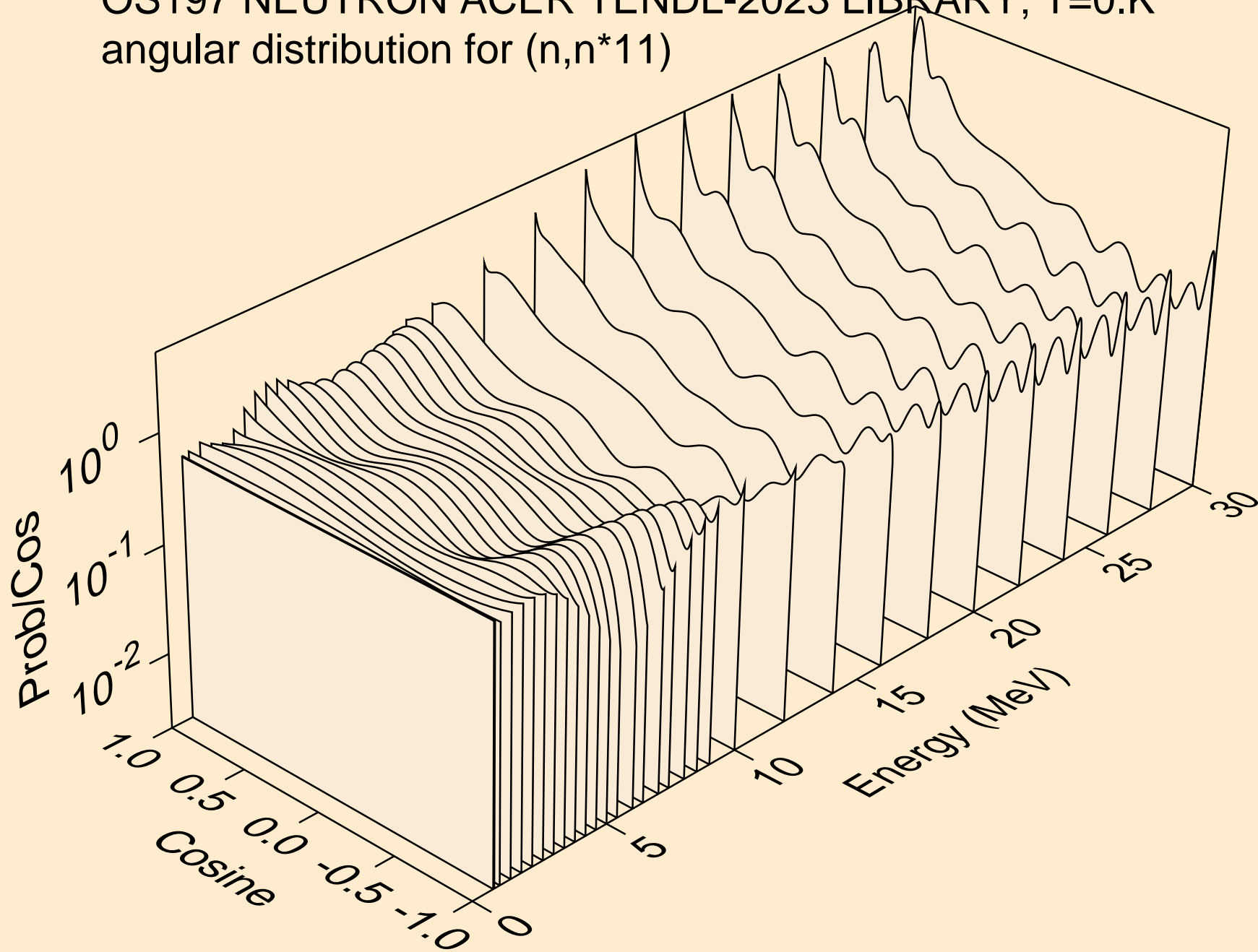


OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



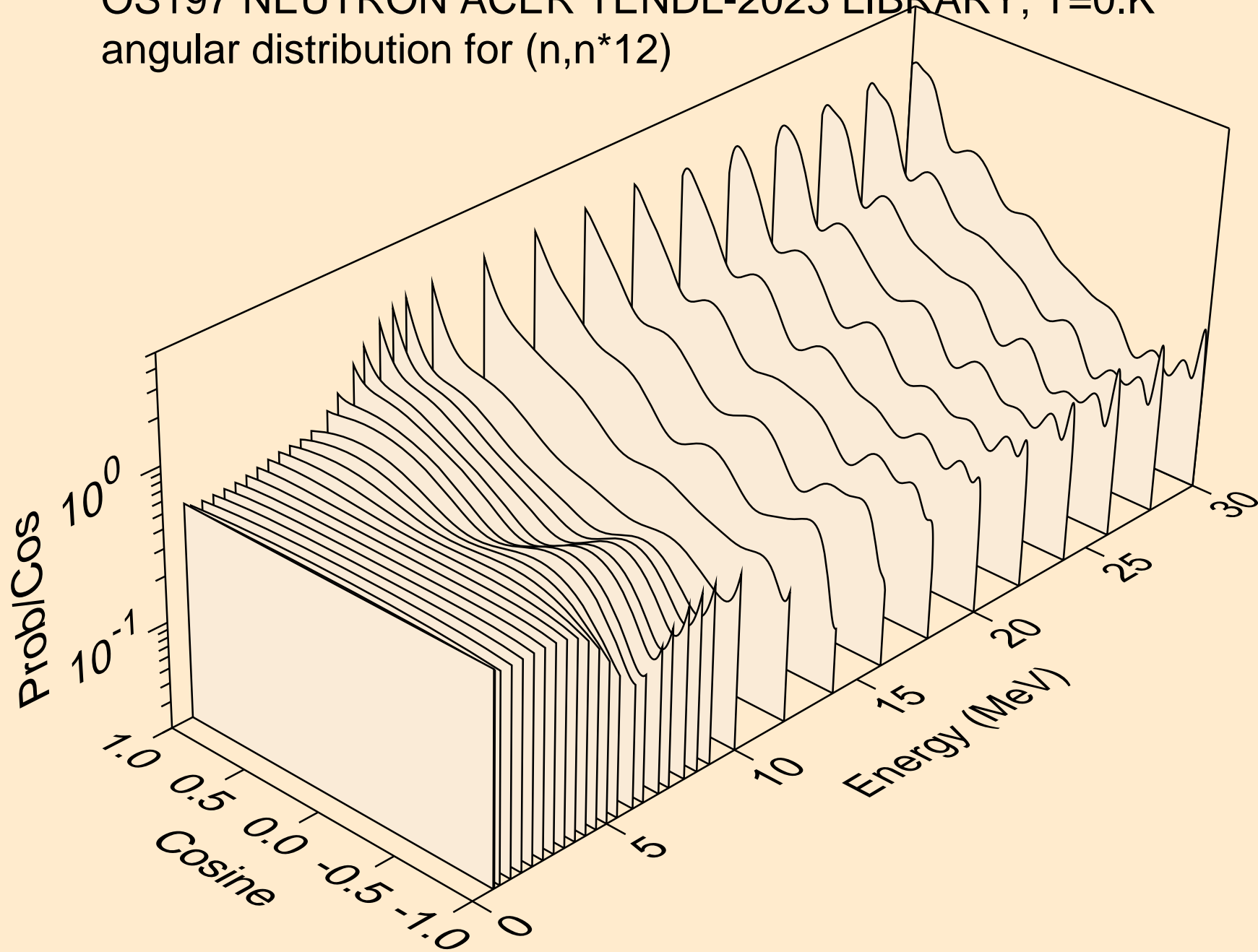


OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

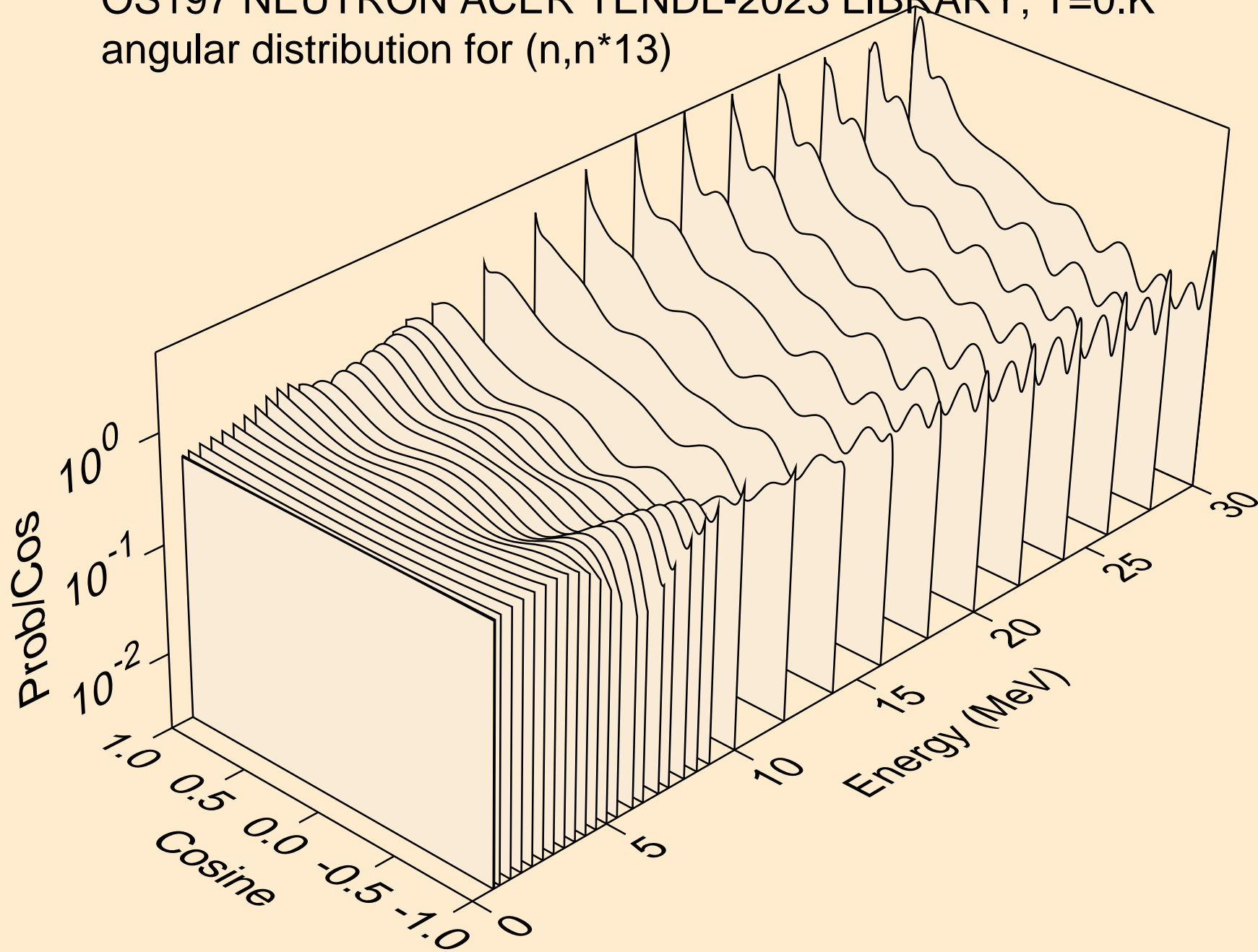




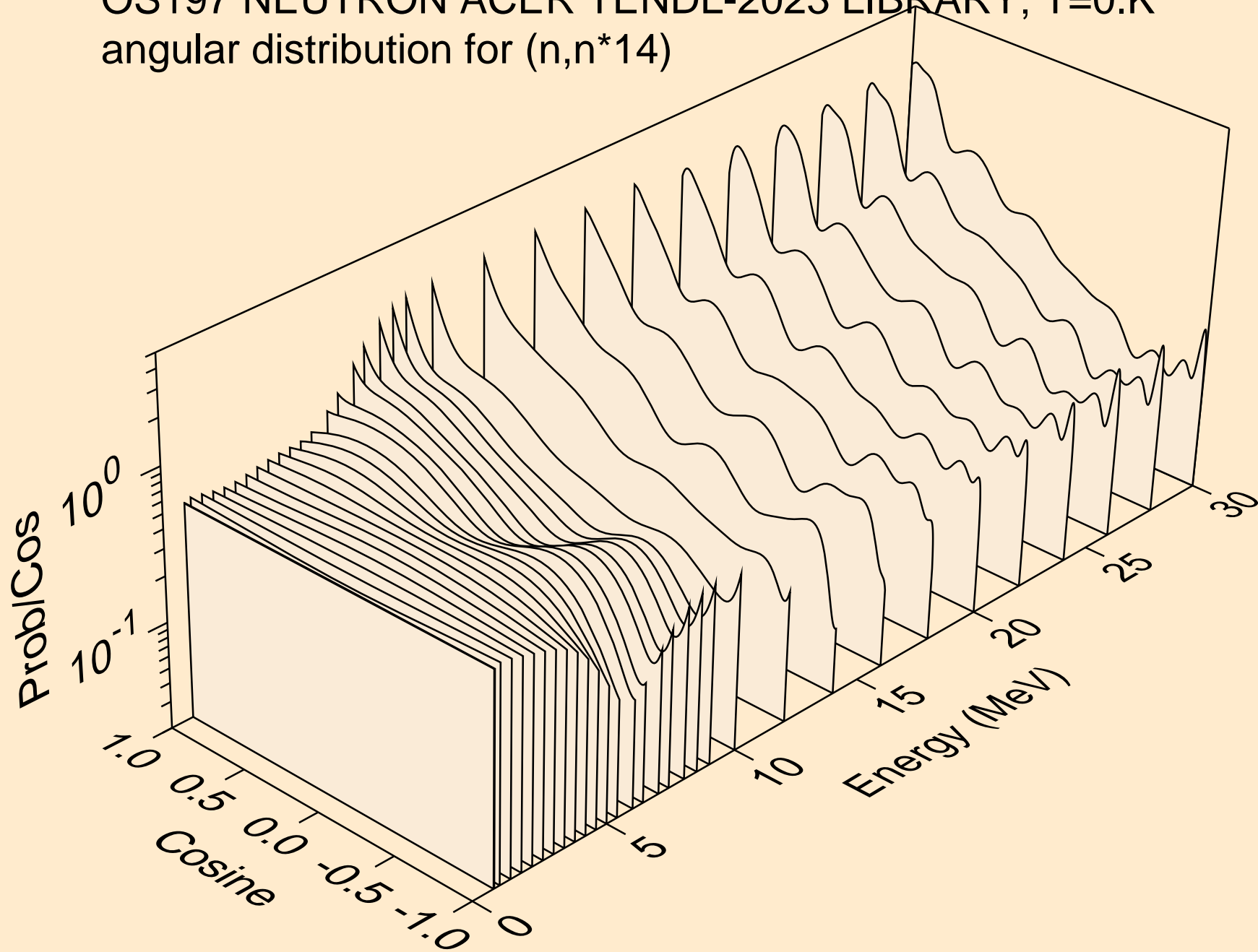
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



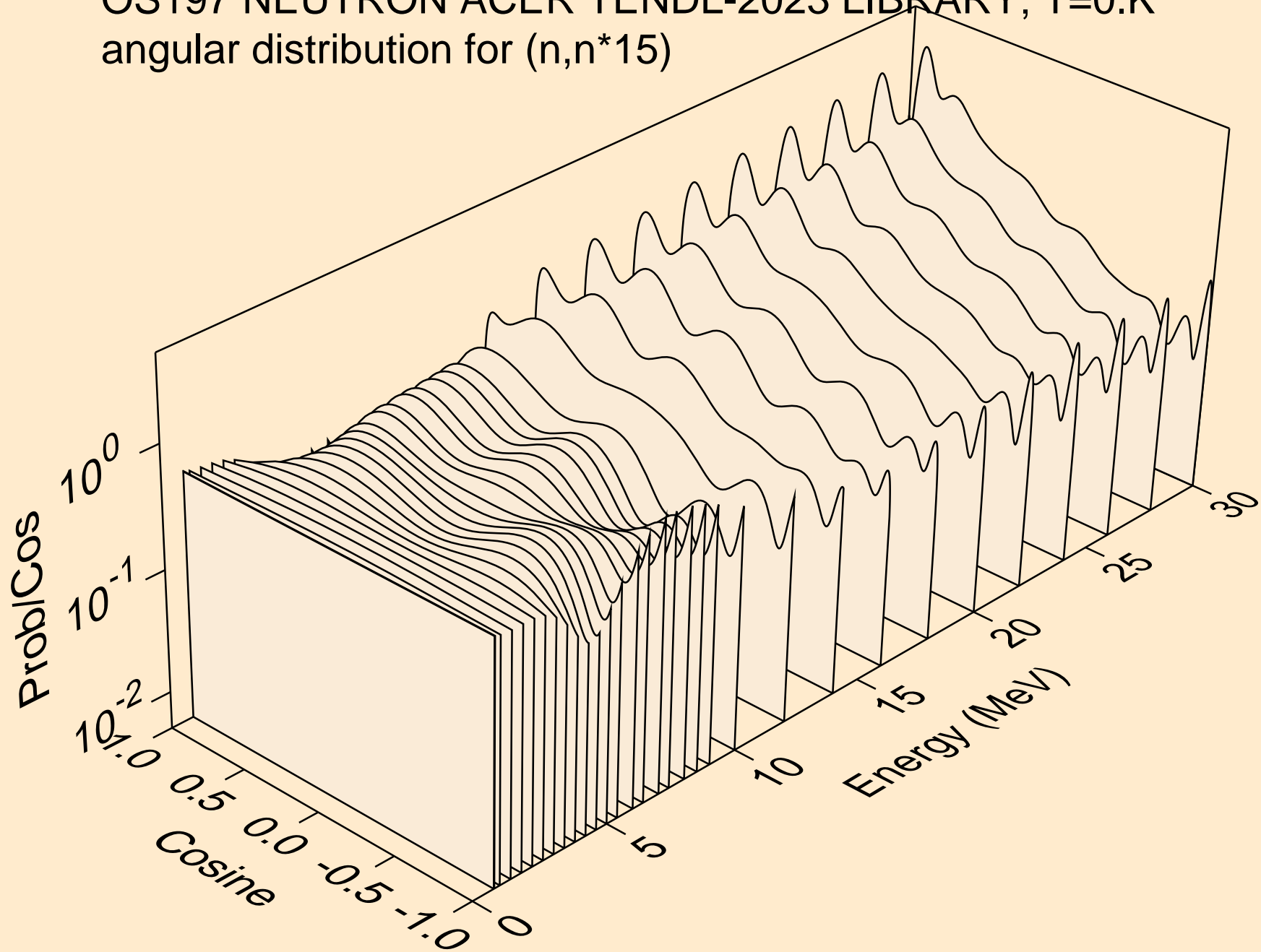
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angular distribution for (n,n\*13)



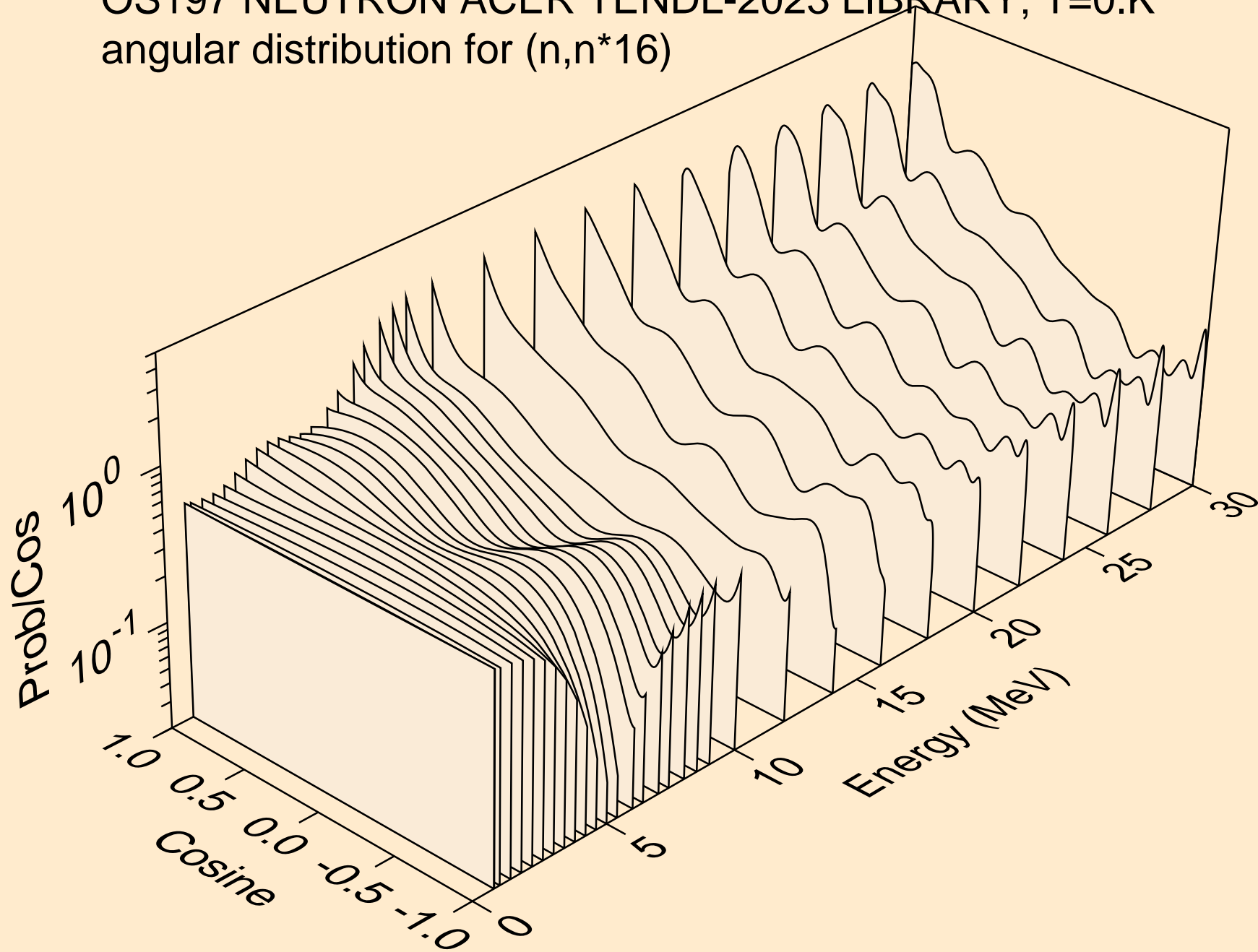
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angular distribution for (n,n\*14)



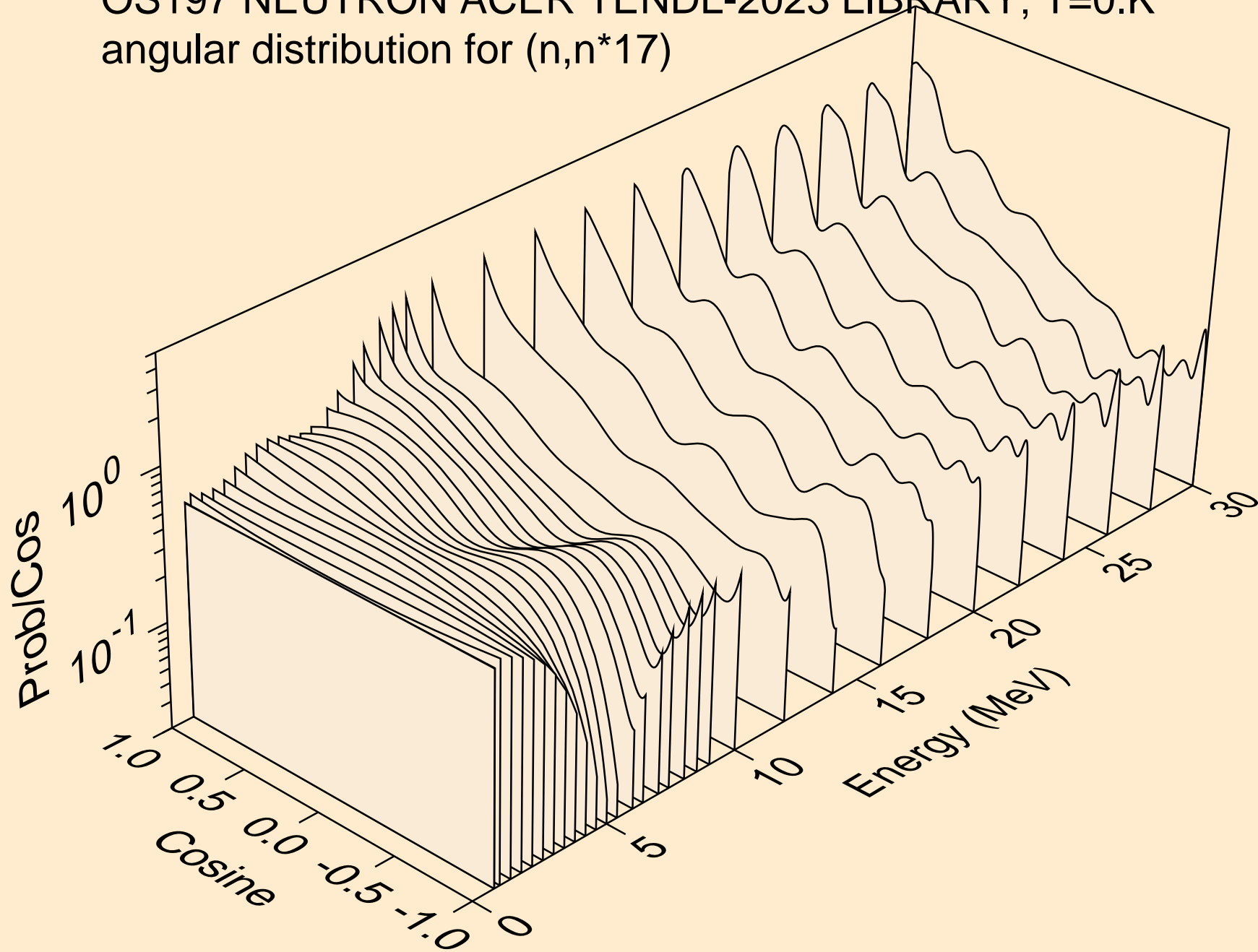
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angular distribution for (n,n\*15)



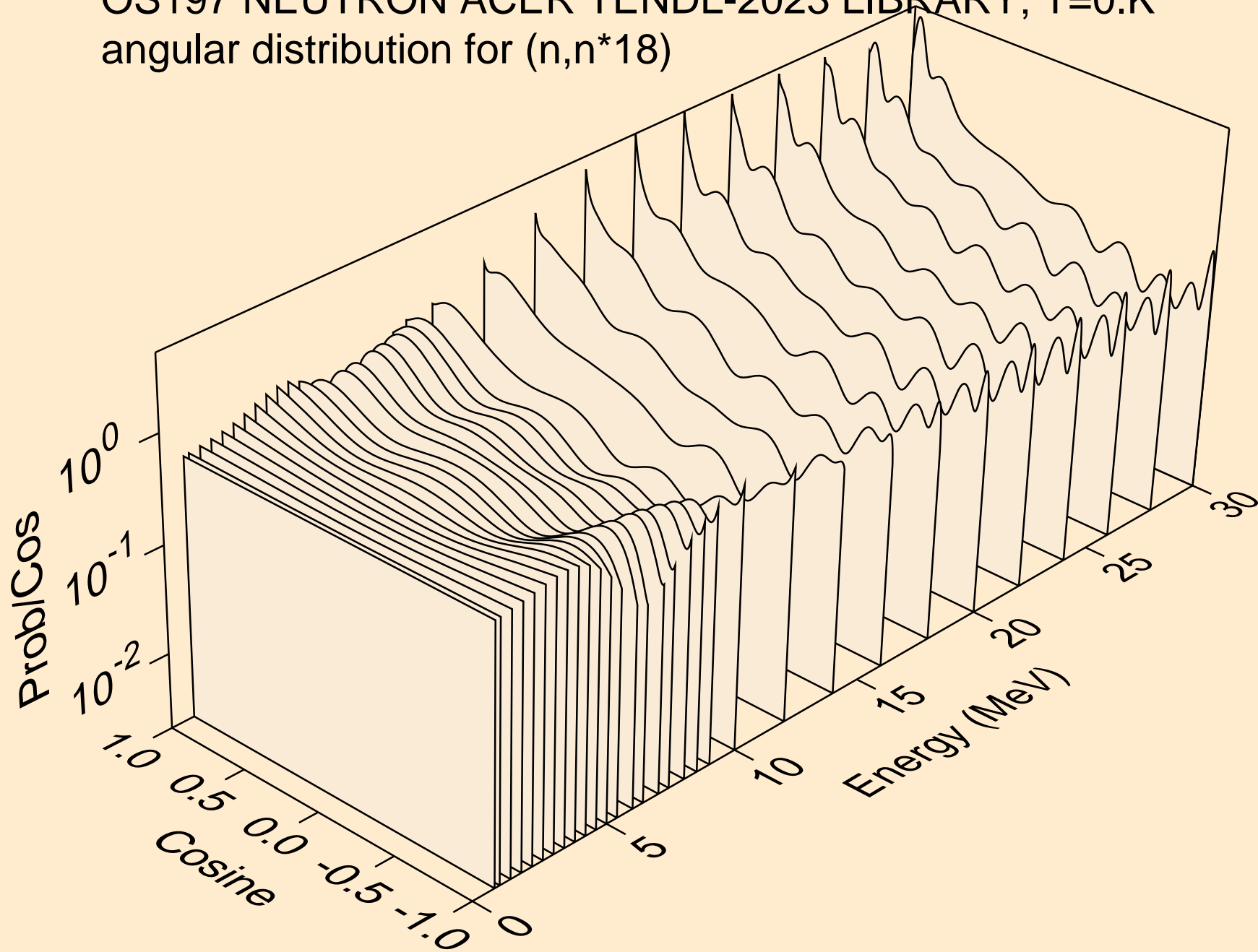
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

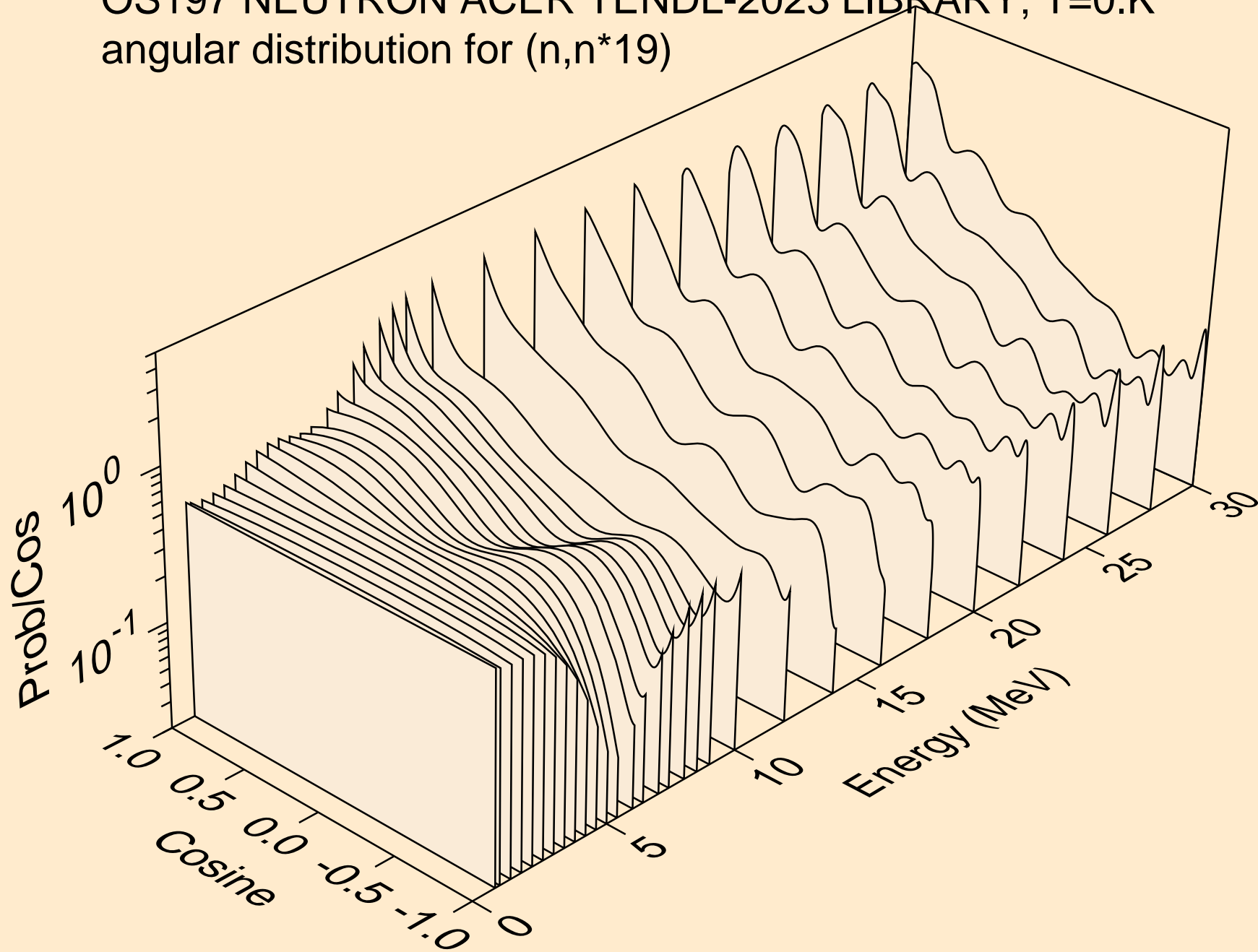


OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



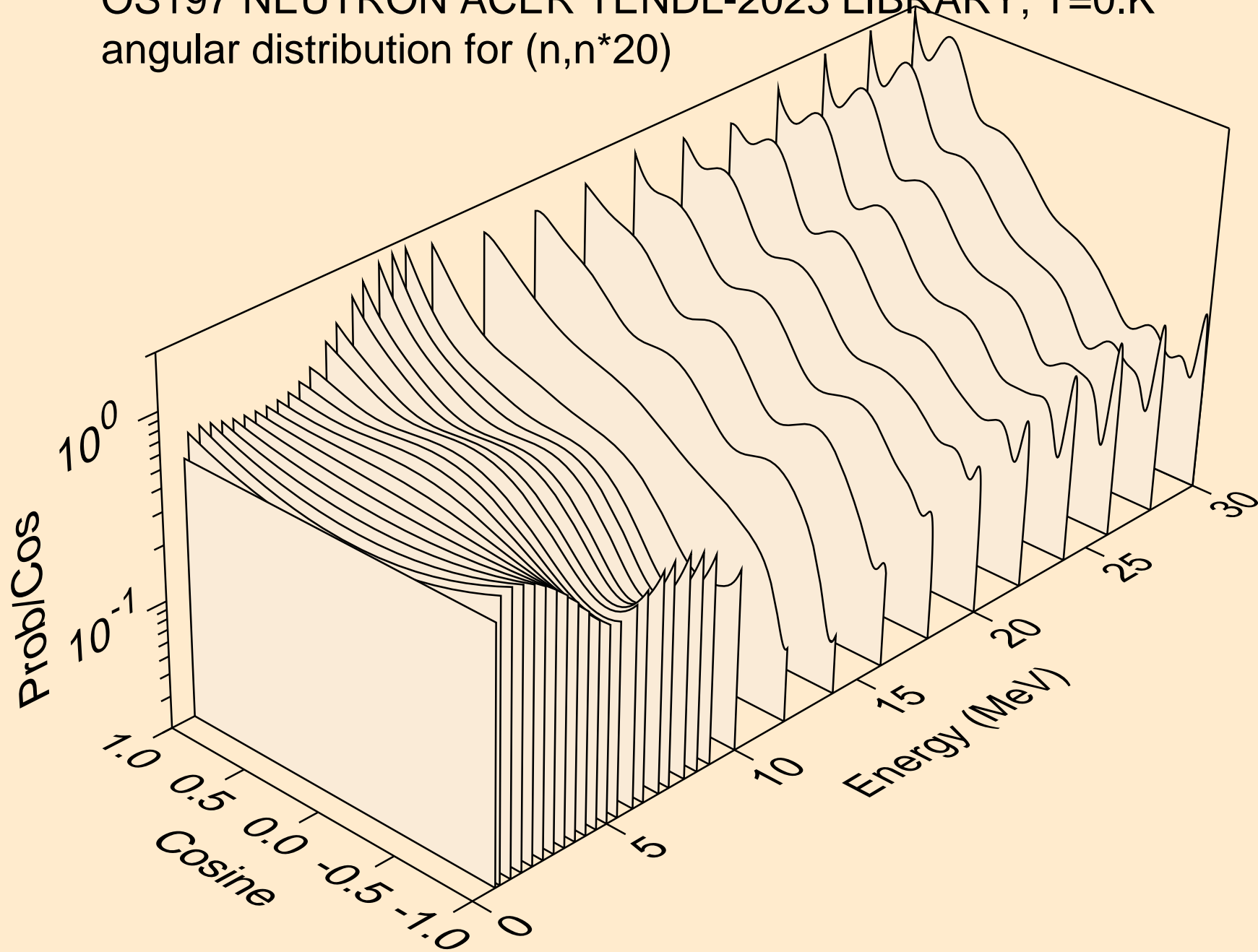


OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

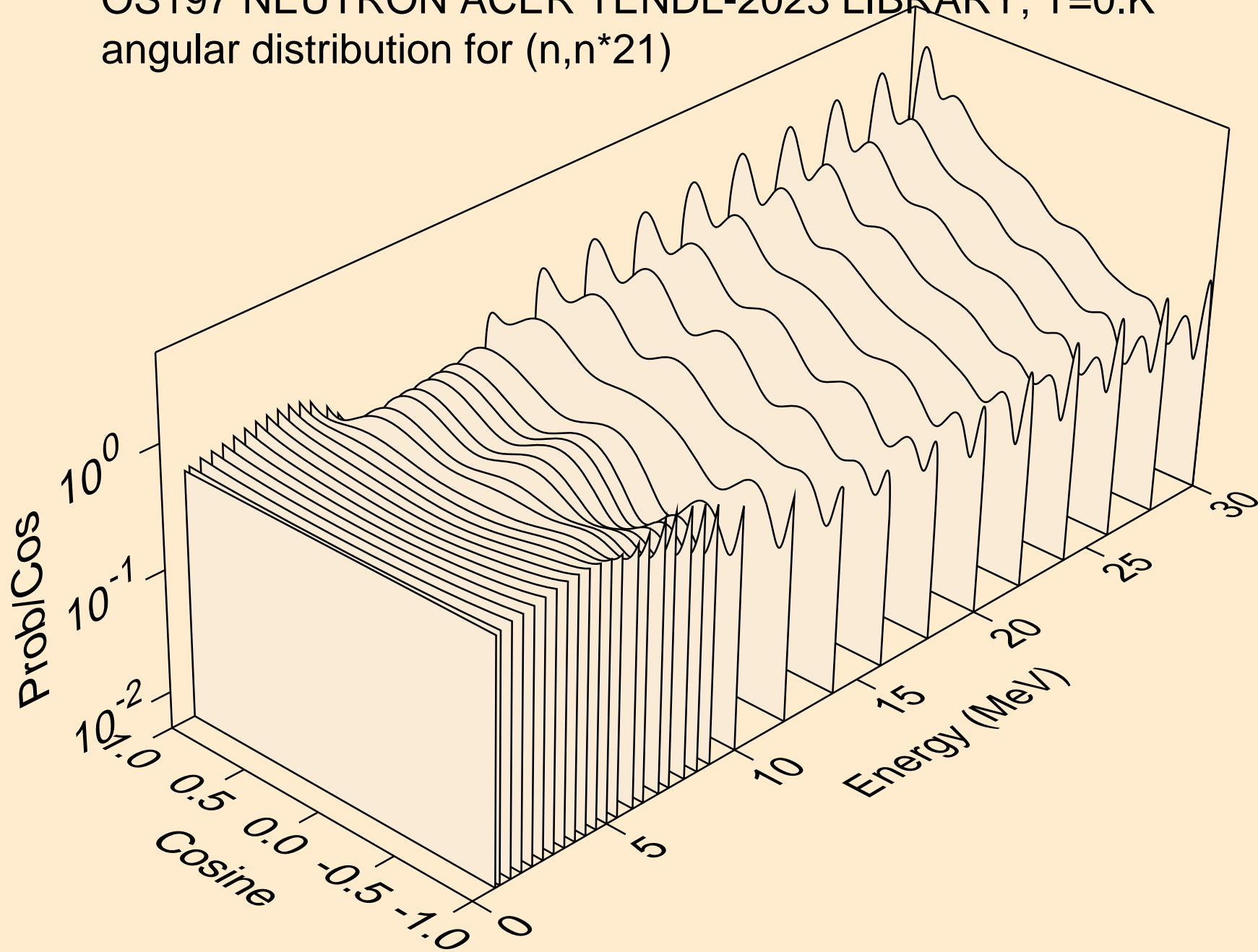




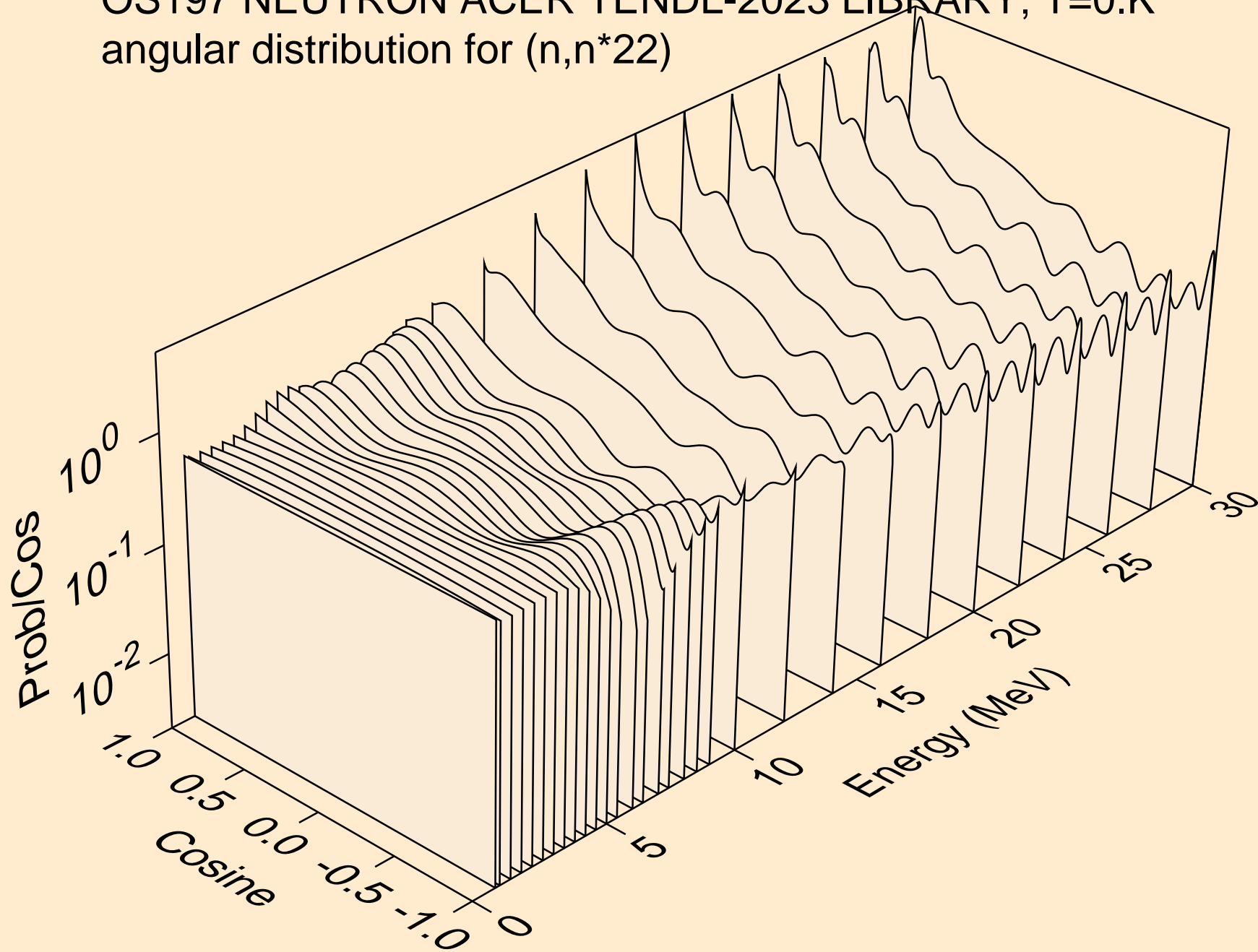
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angular distribution for (n,n\*20)



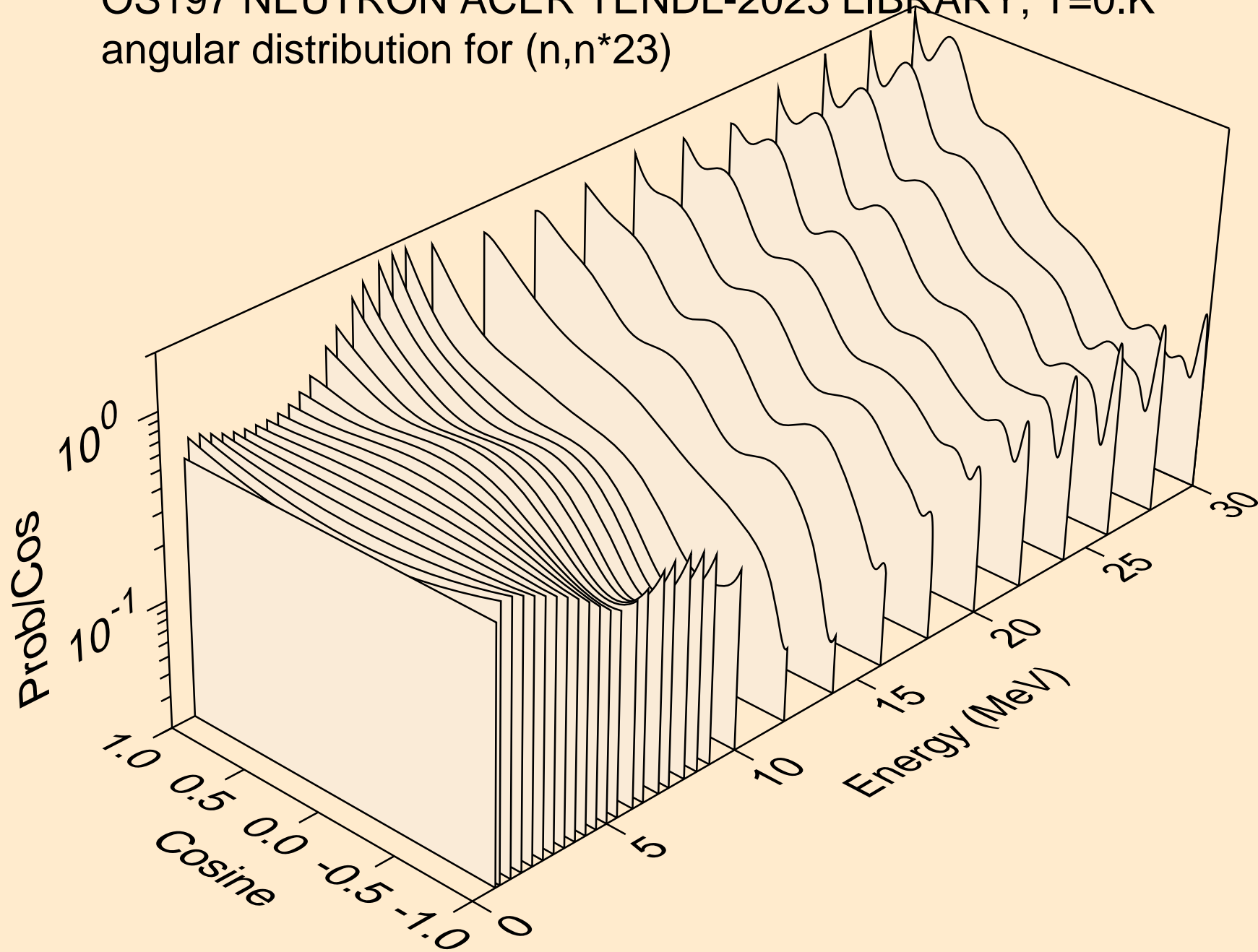
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angular distribution for (n,n\*21)



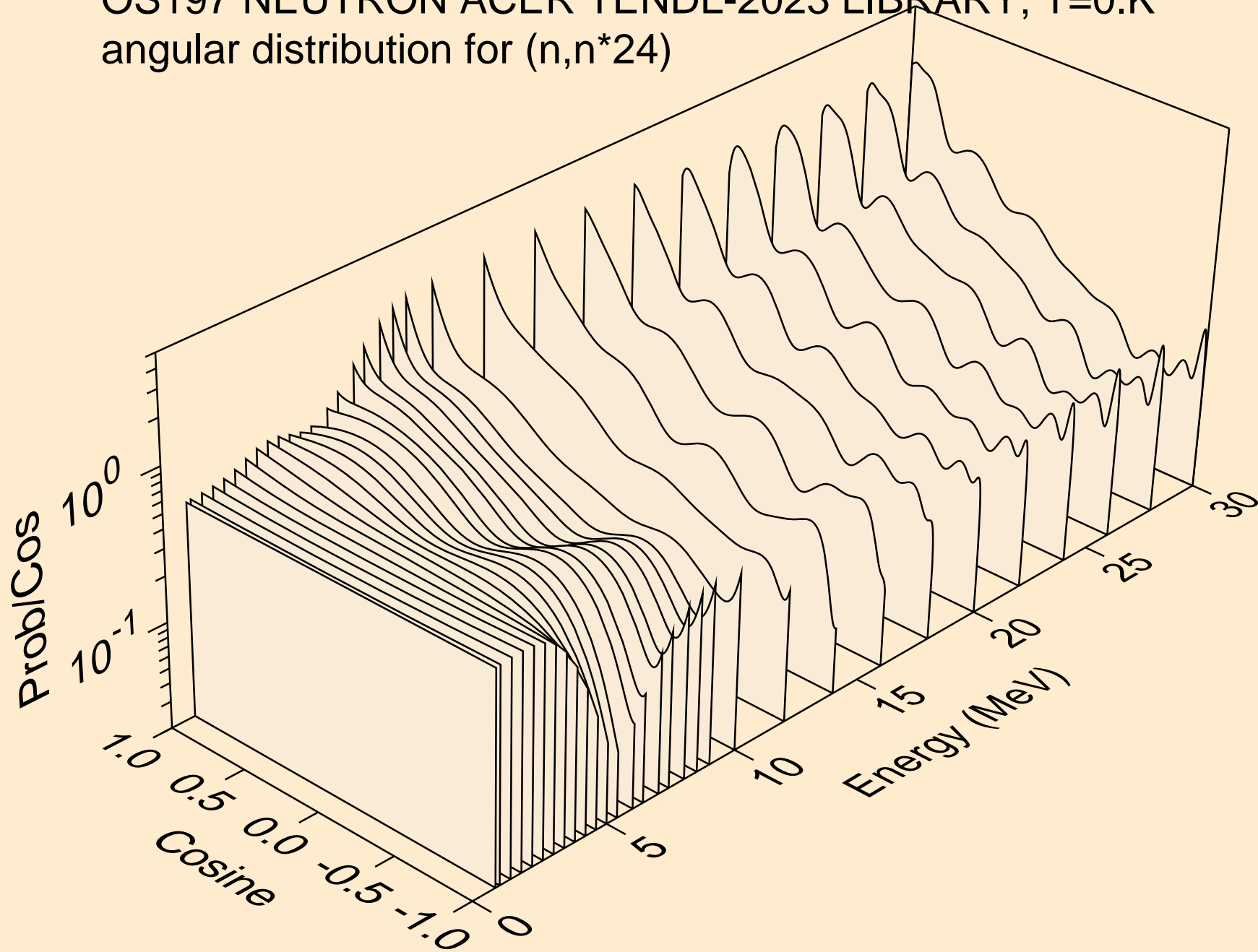
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



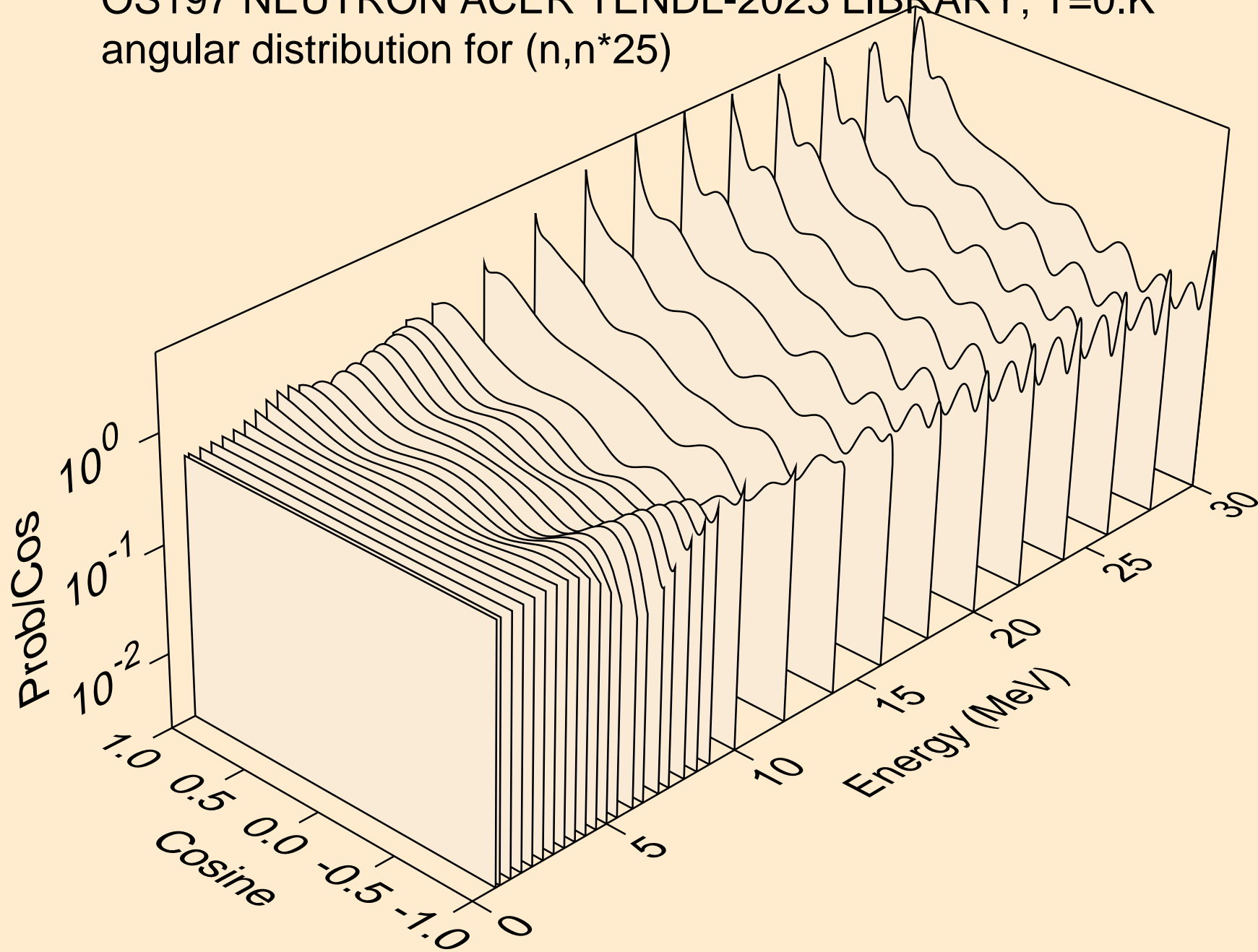
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angular distribution for (n,n\*23)



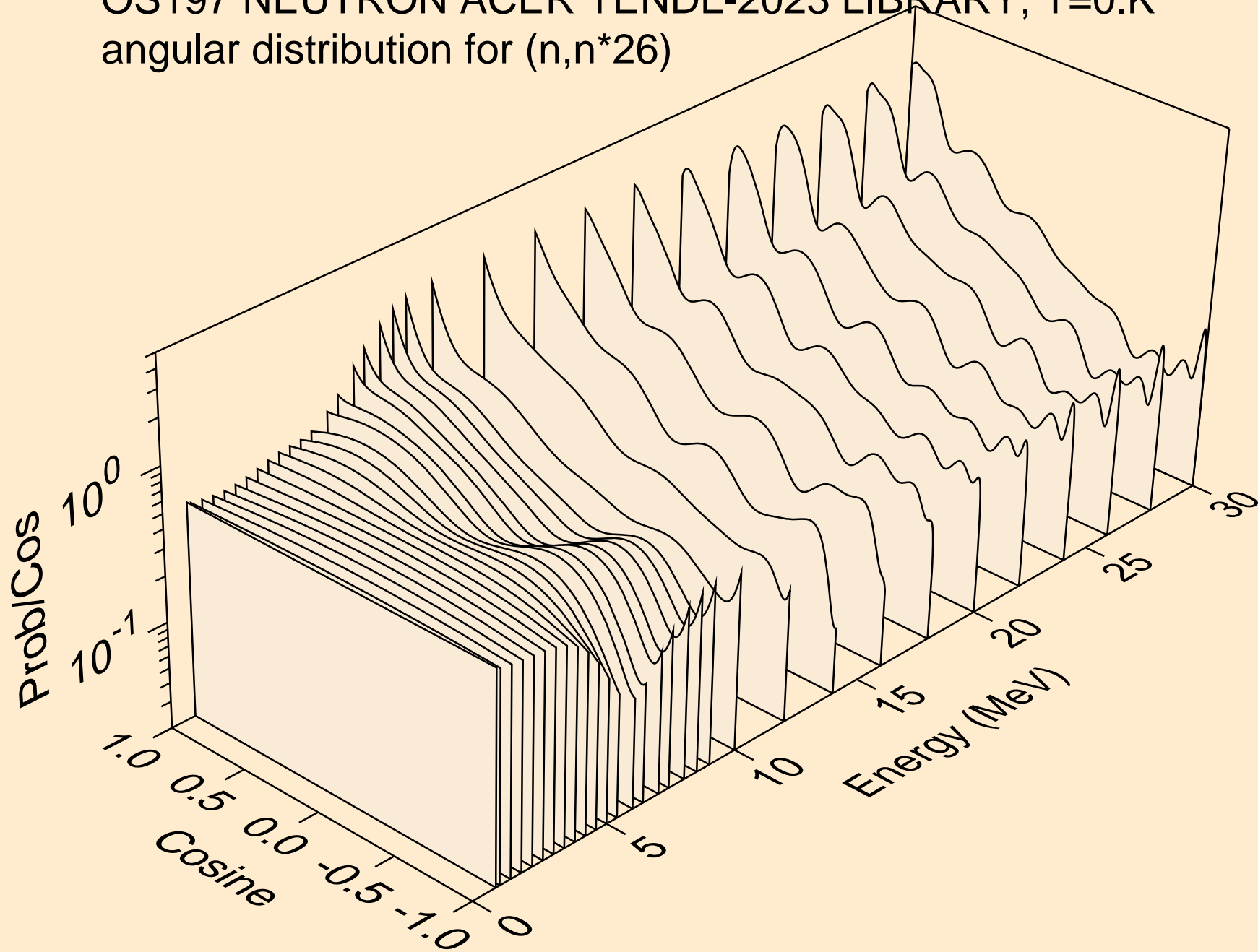
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



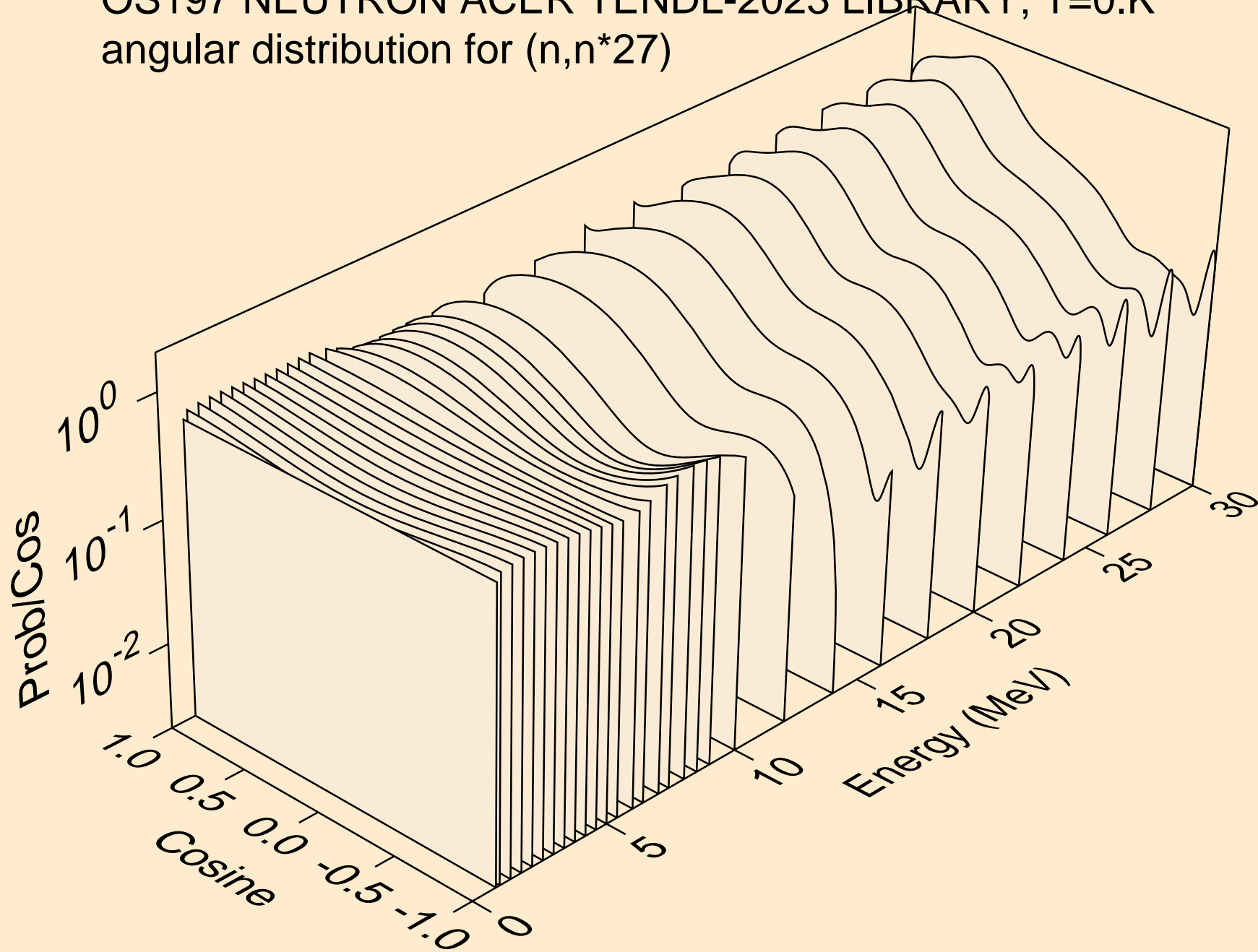
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

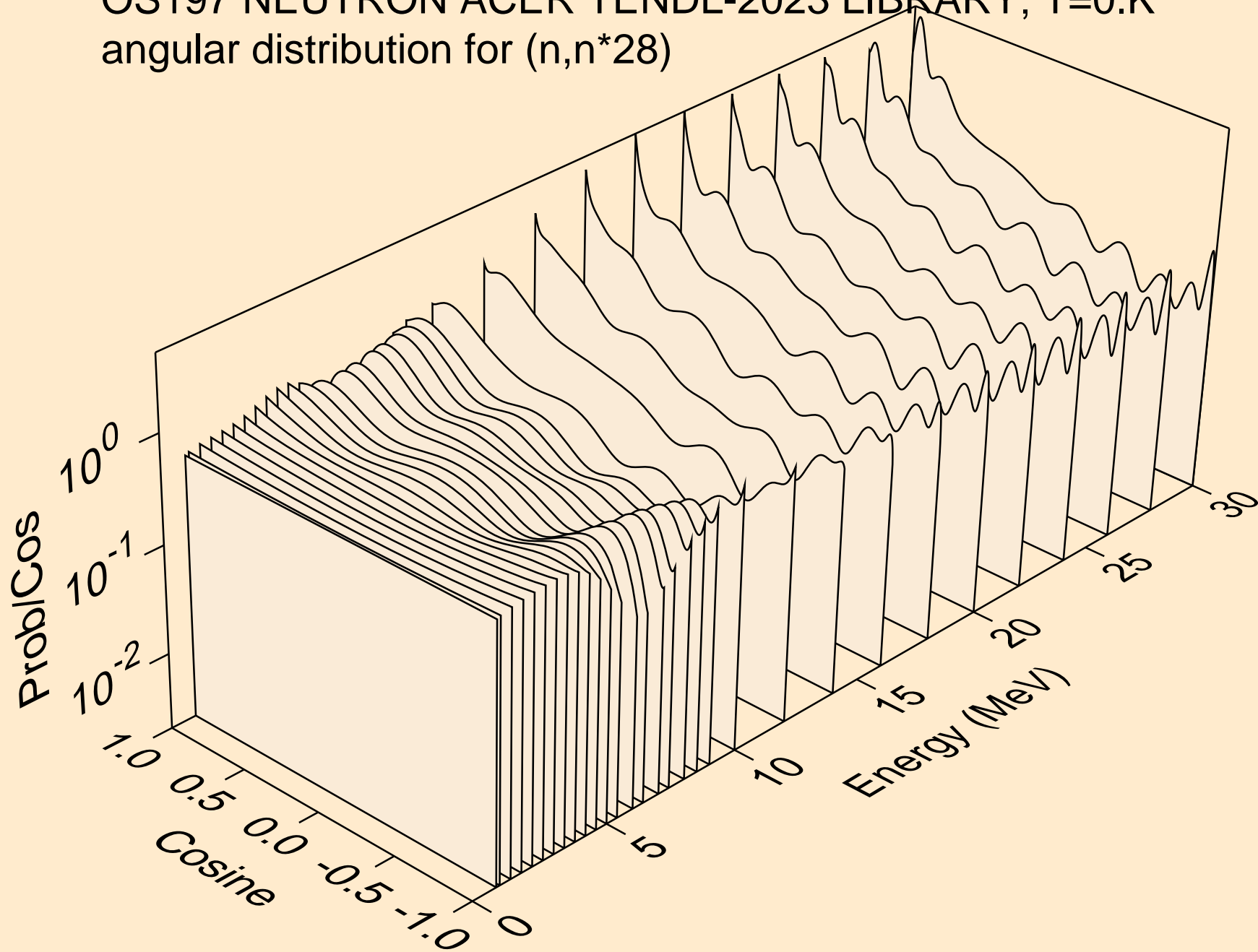


OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

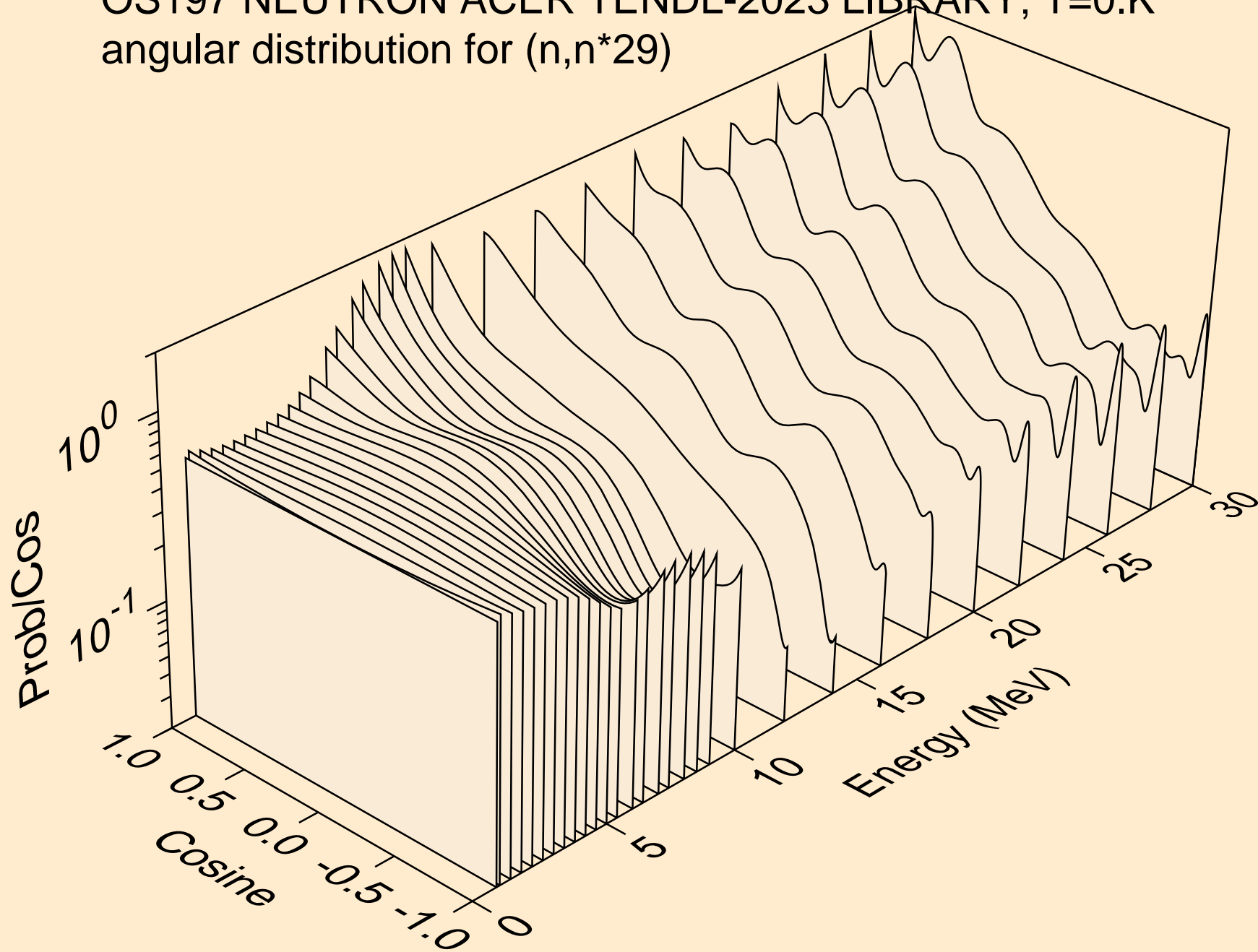




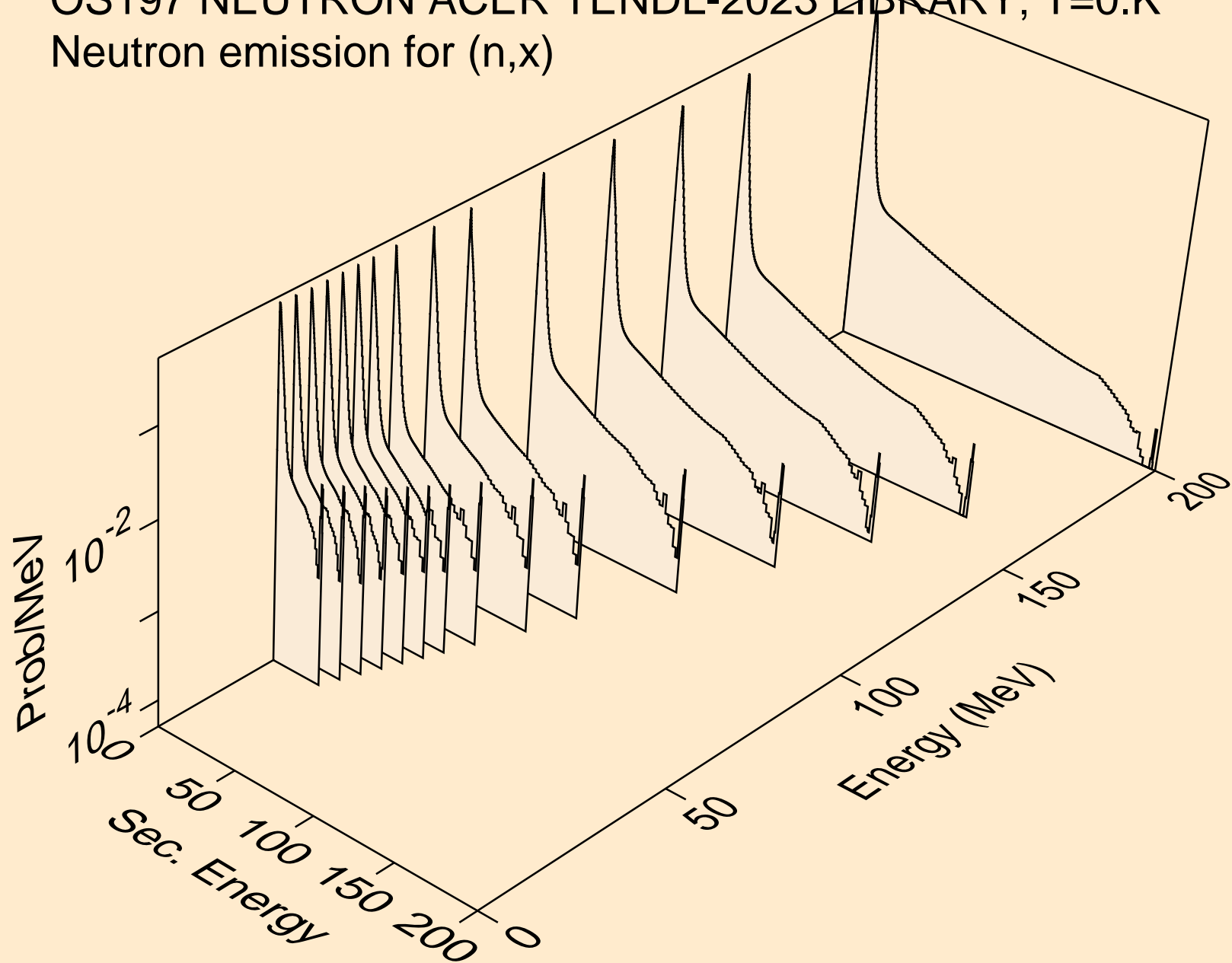
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



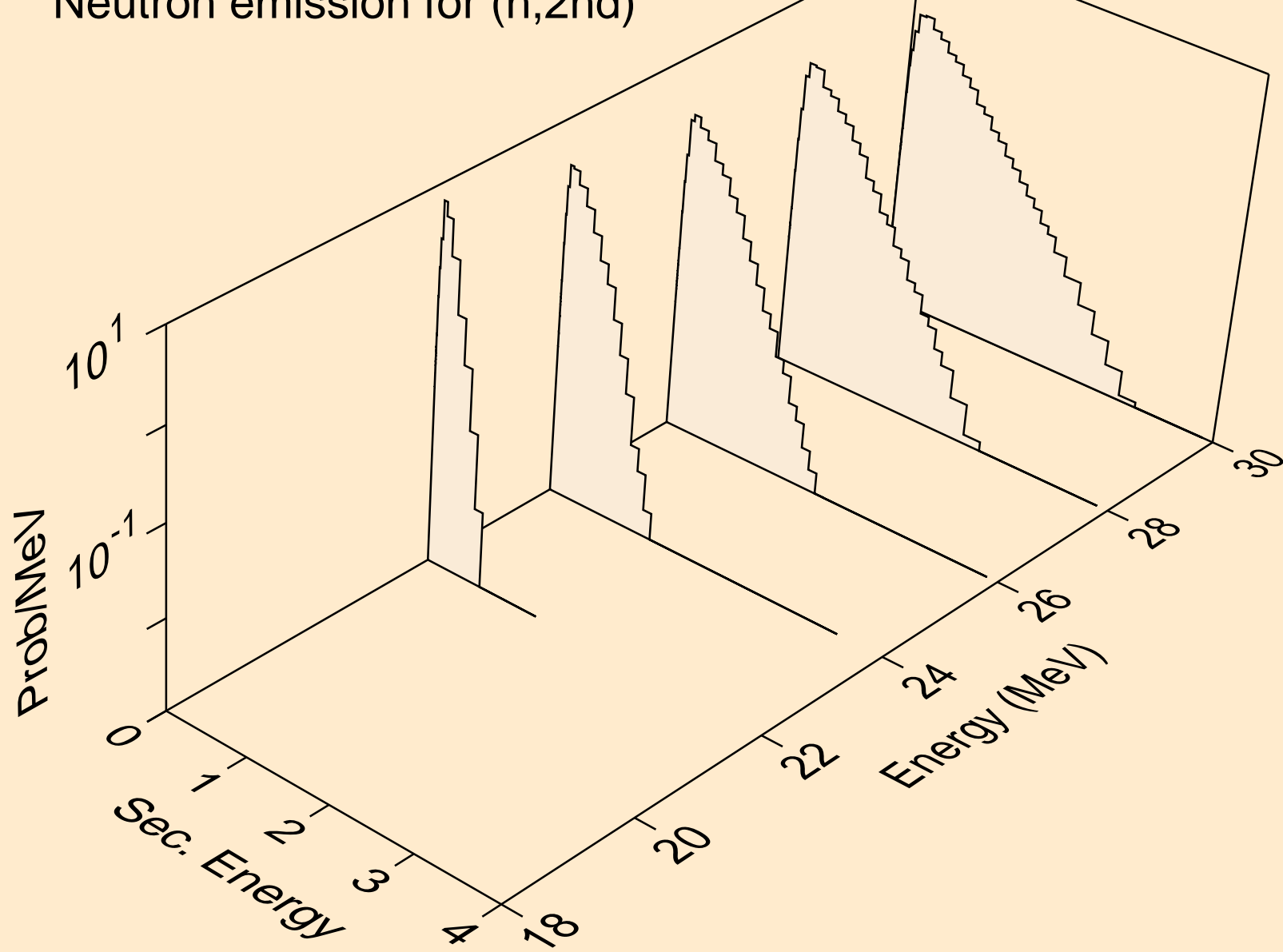
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



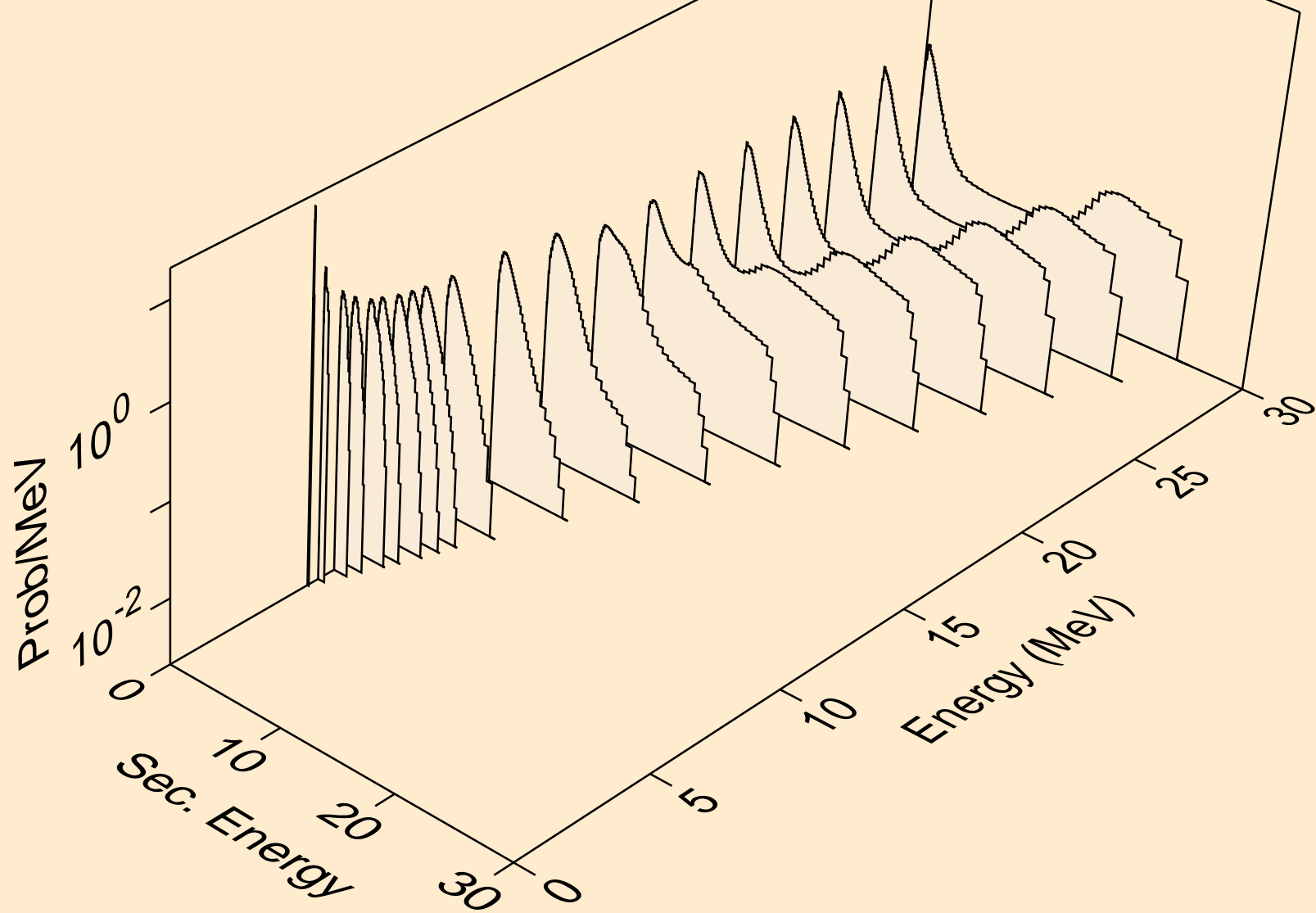
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



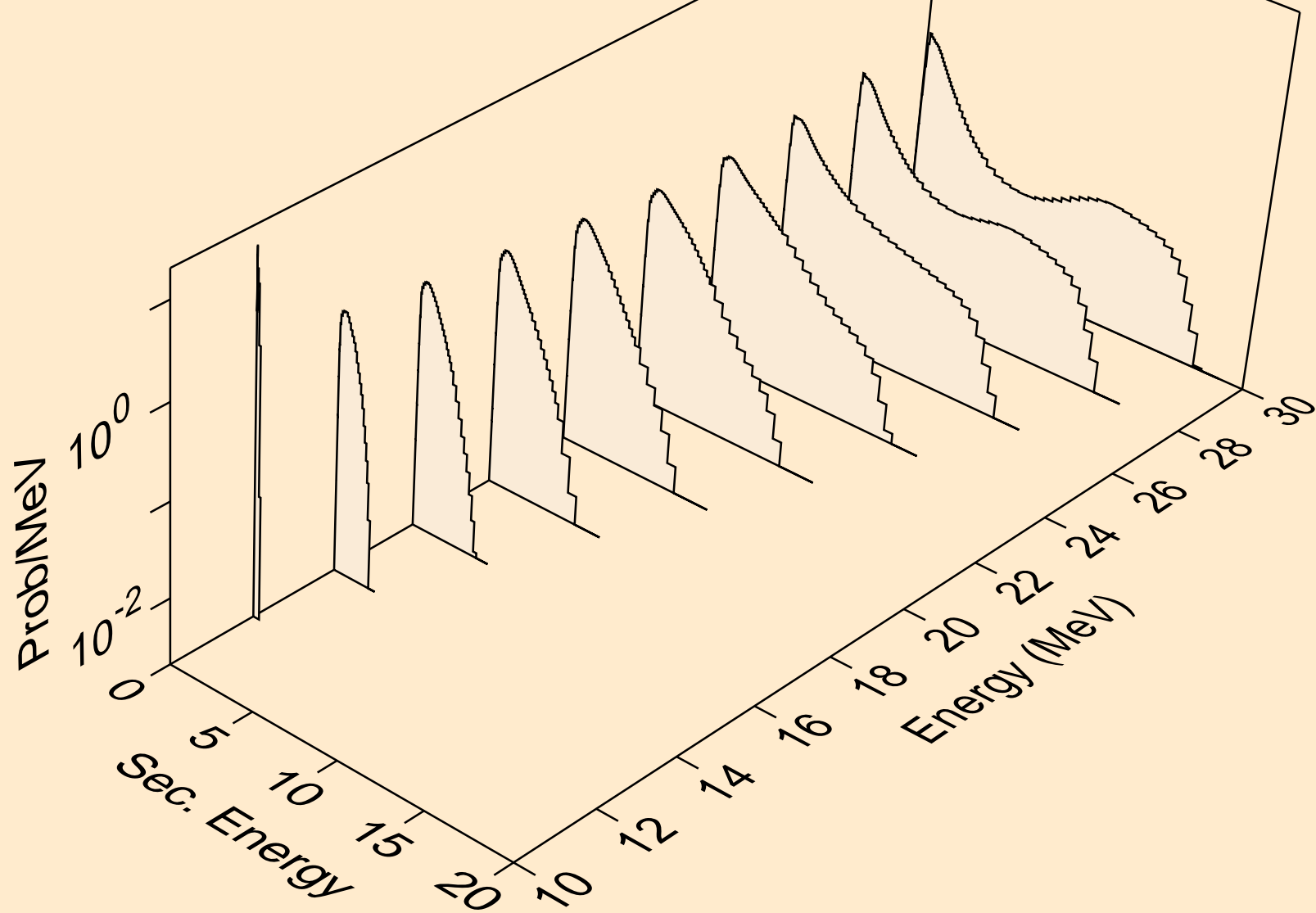
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



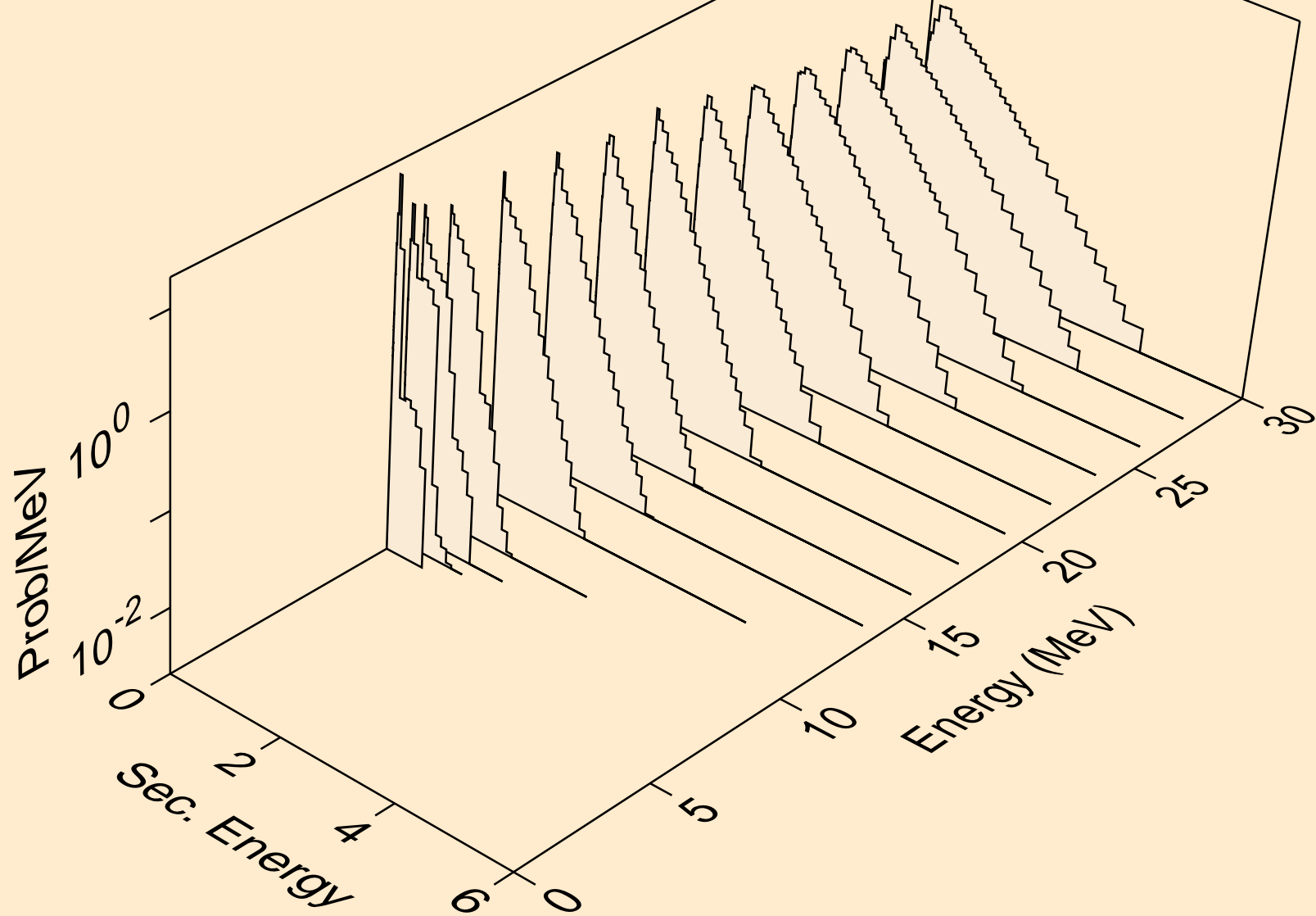
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



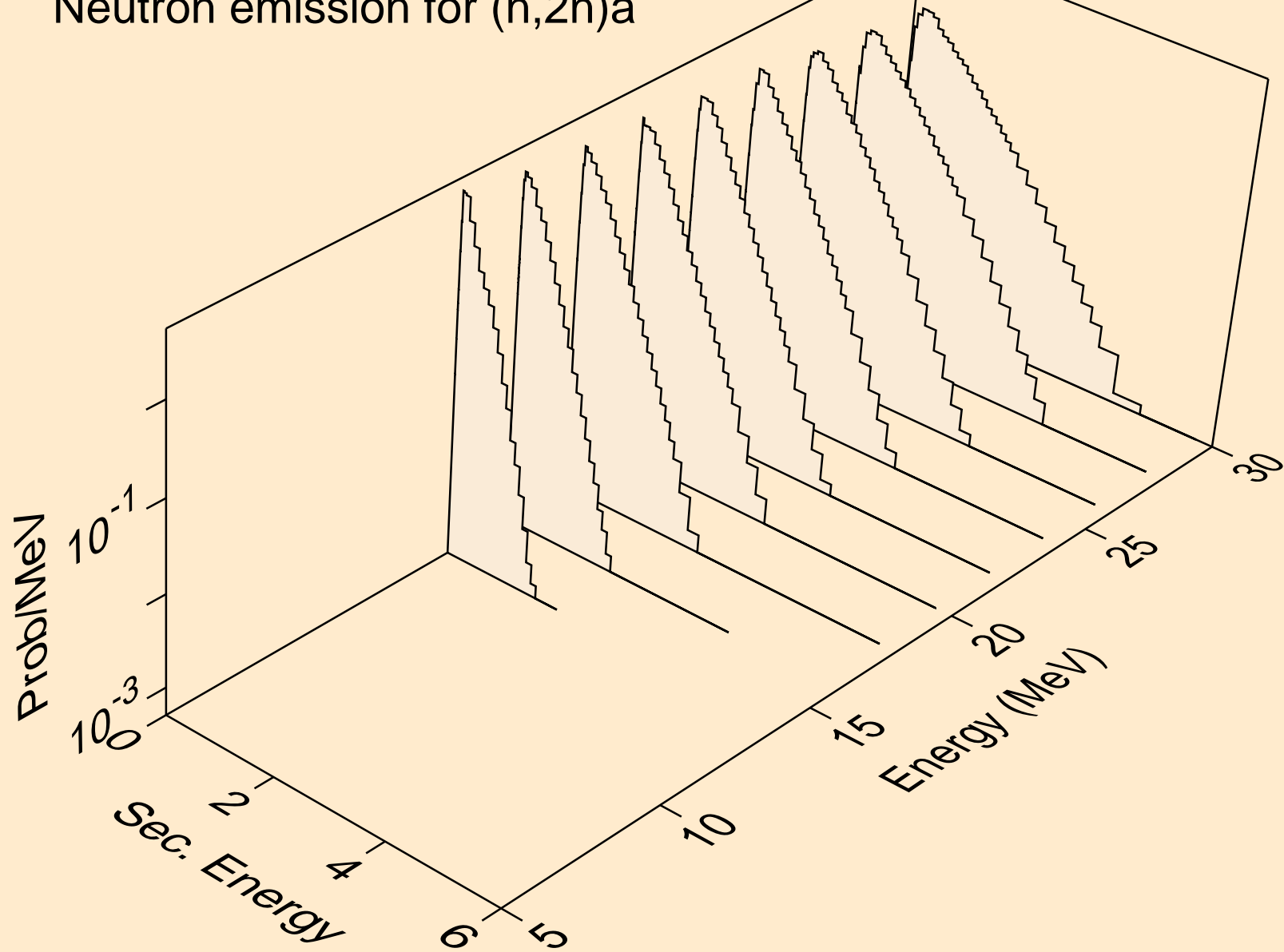
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

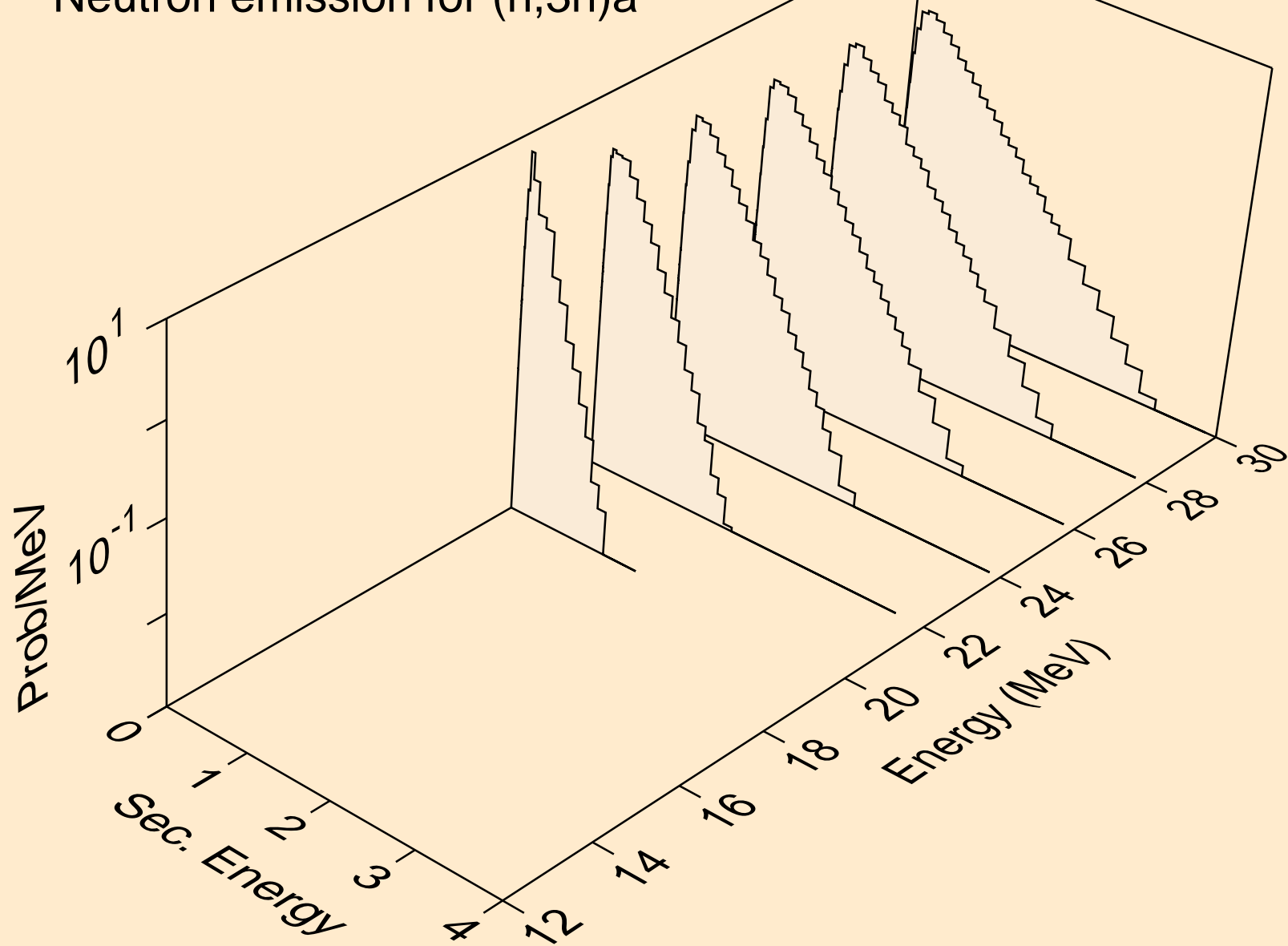


OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

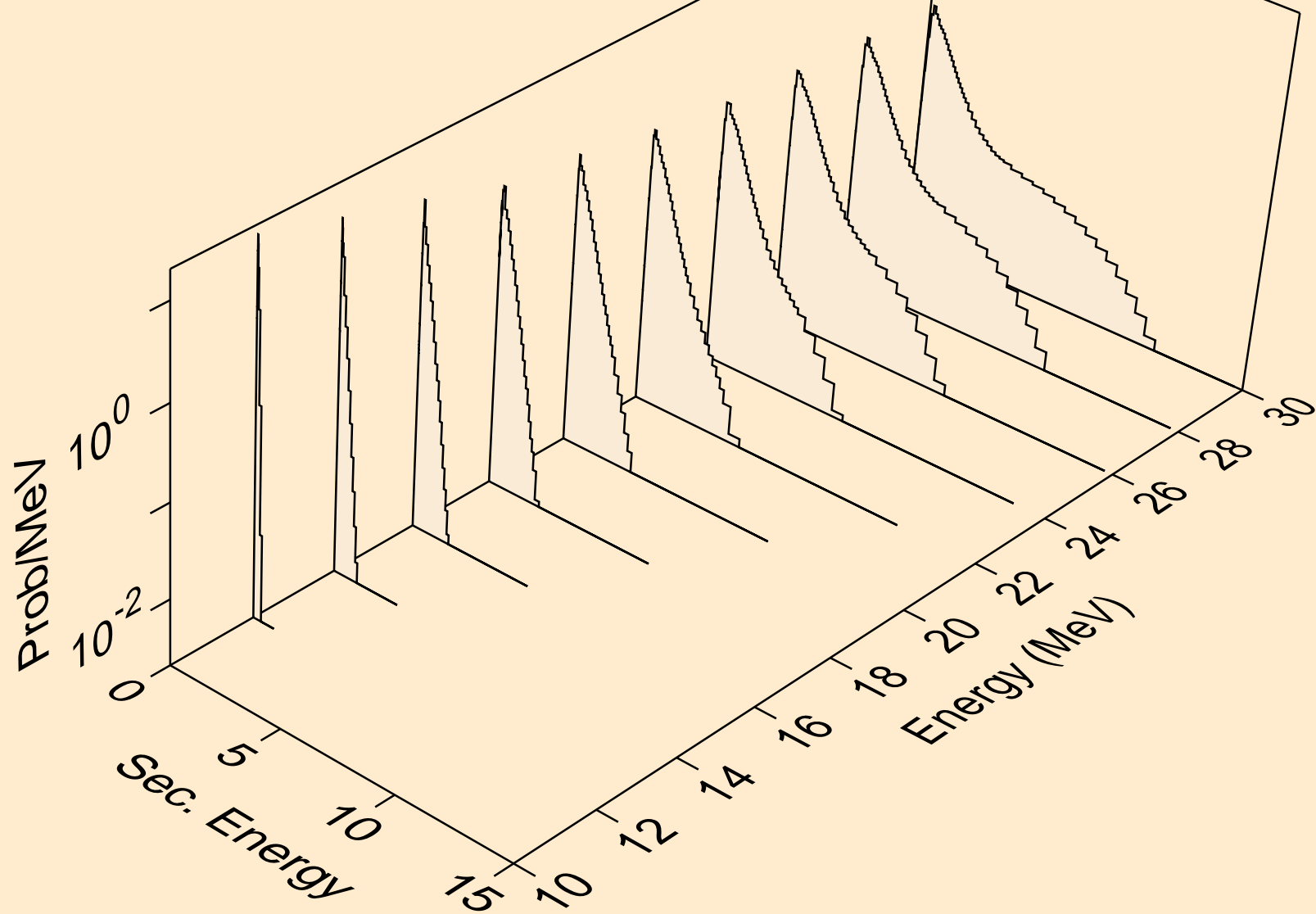




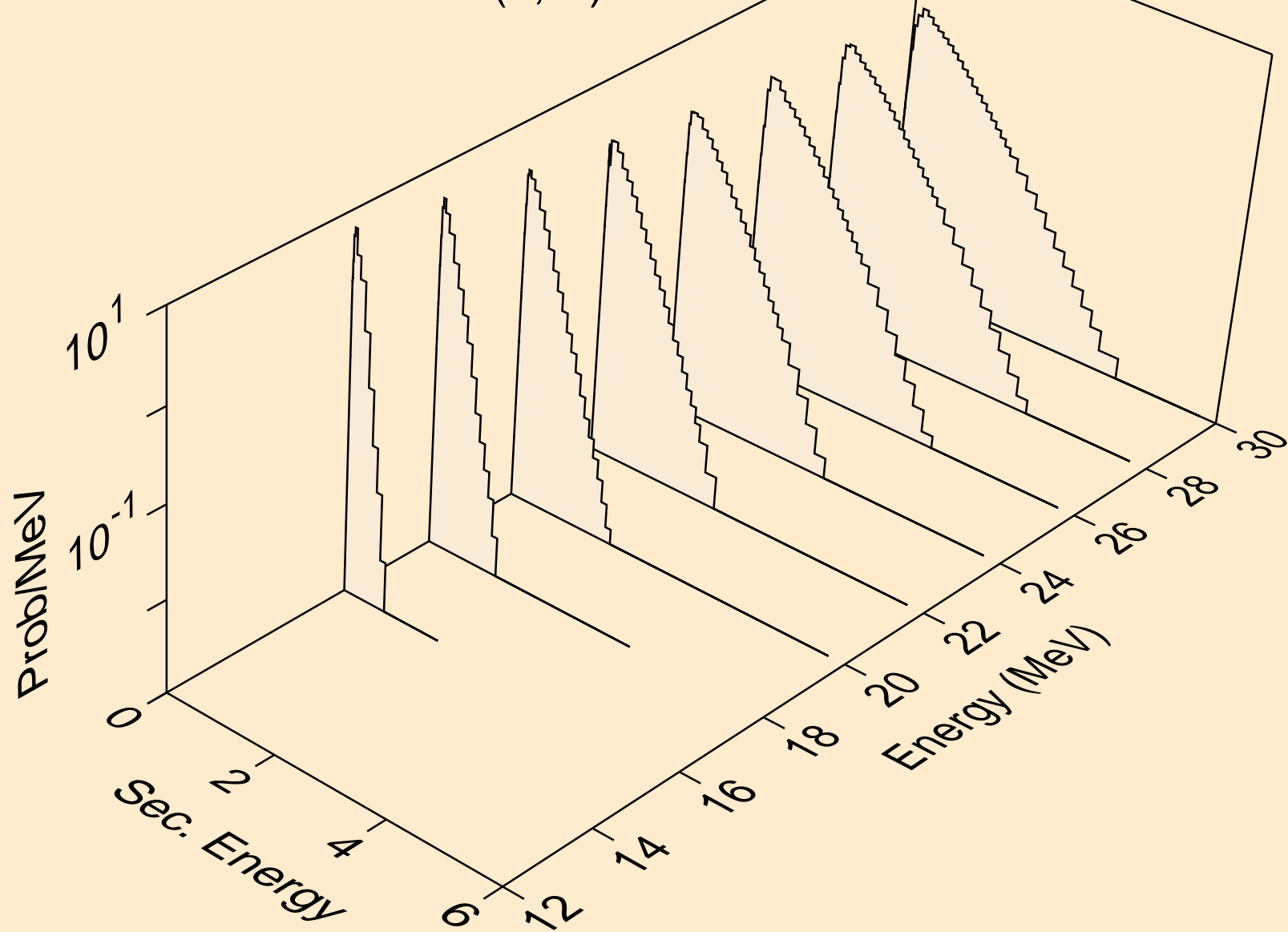
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



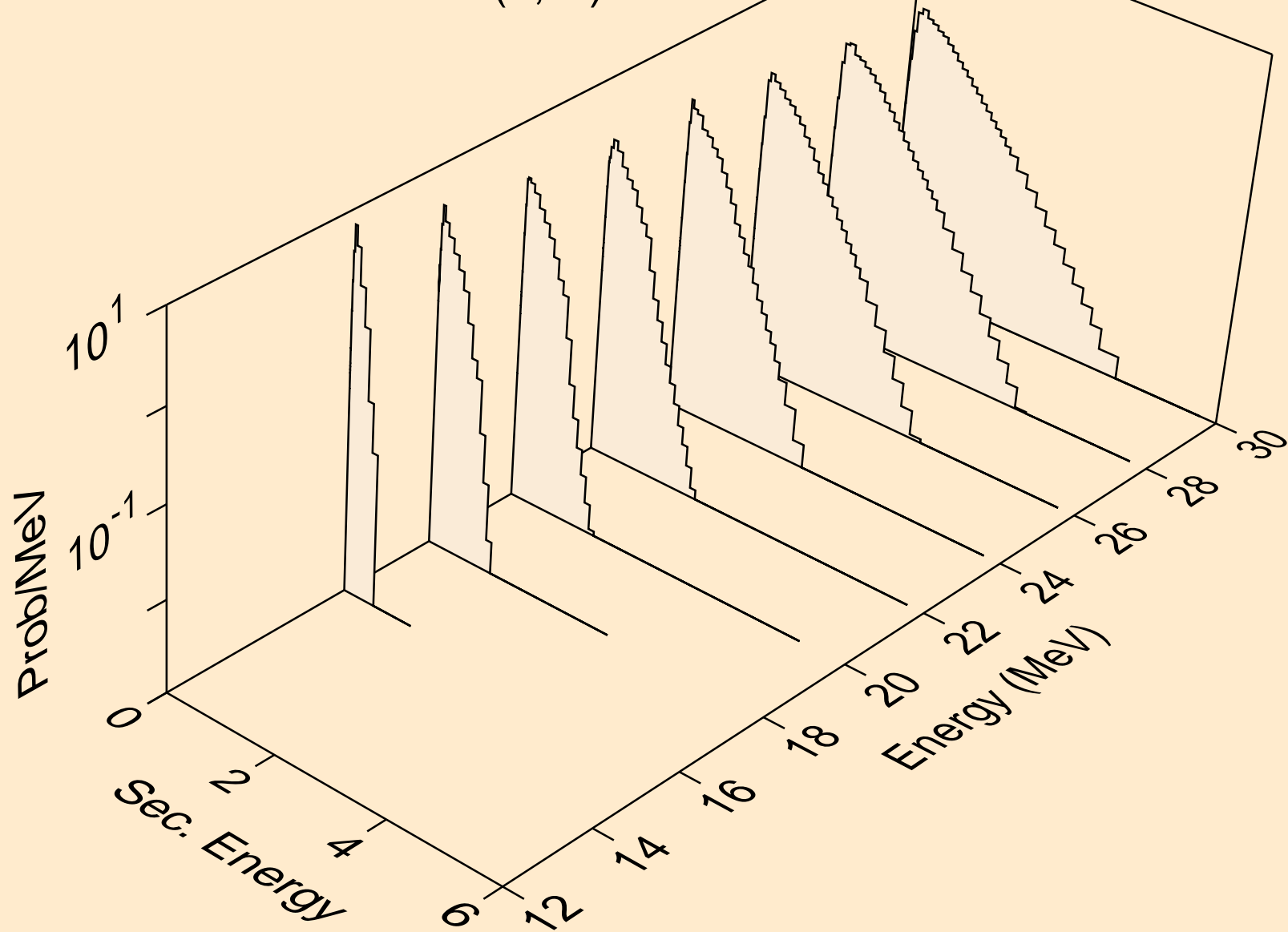
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



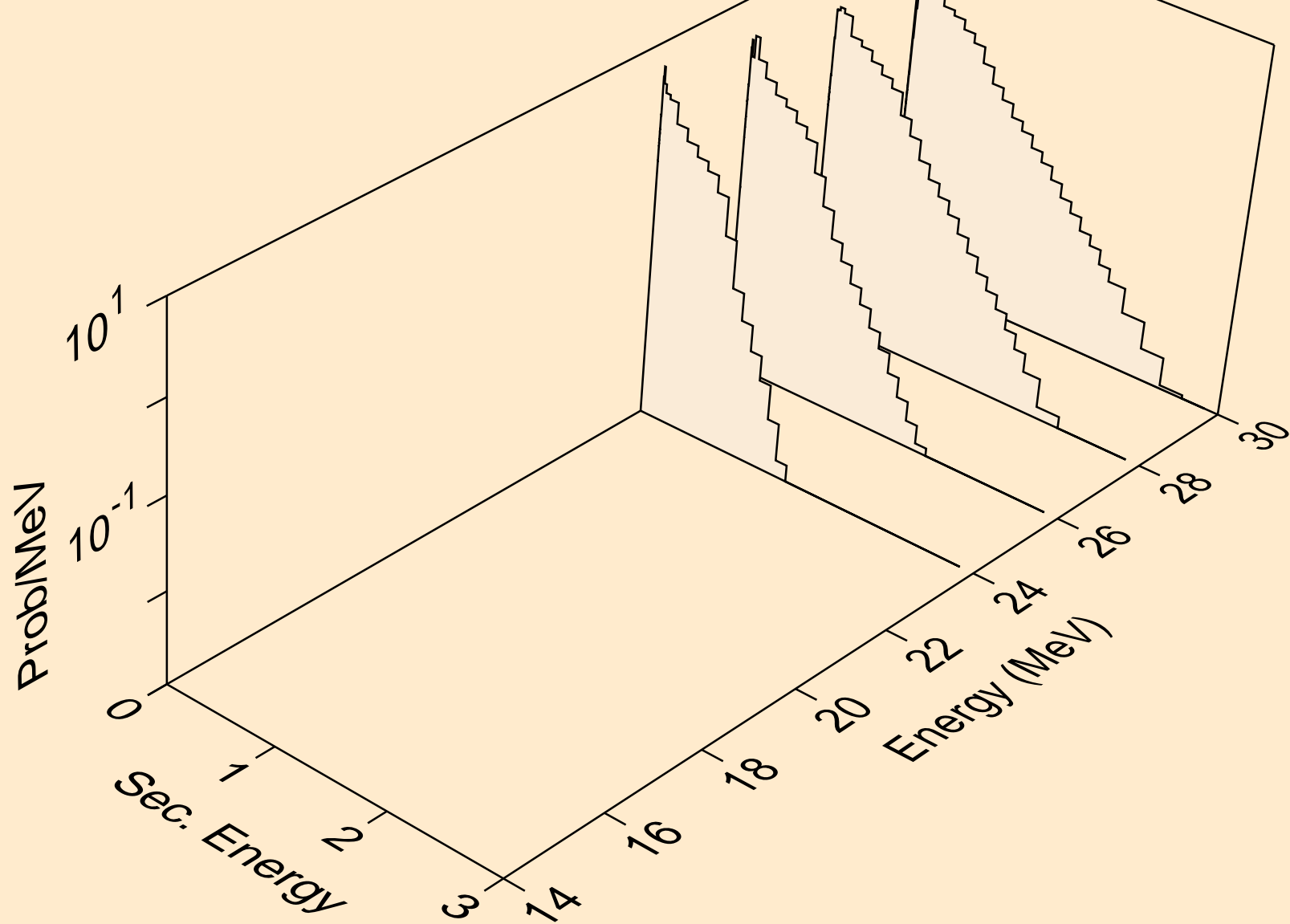
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



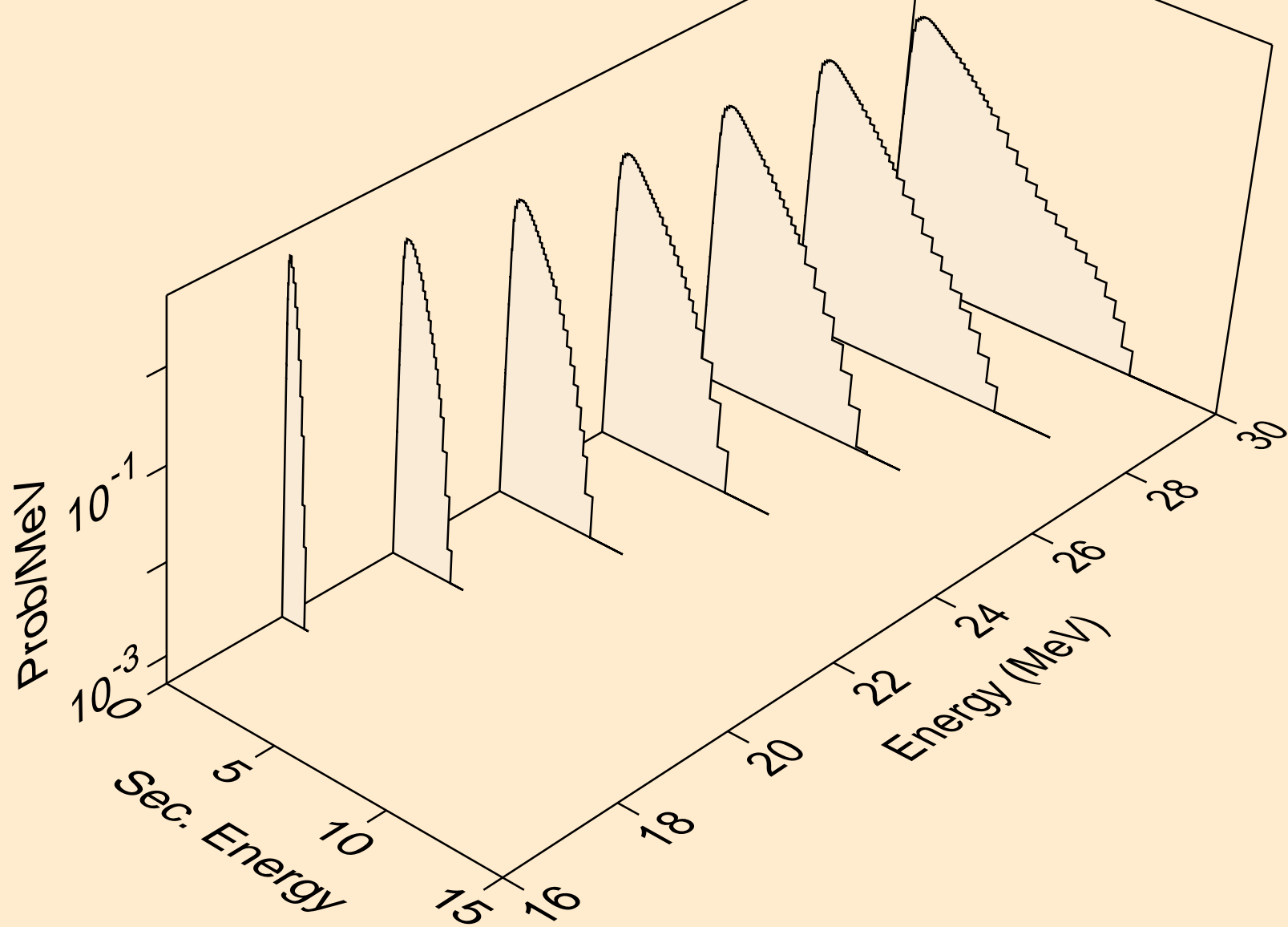
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



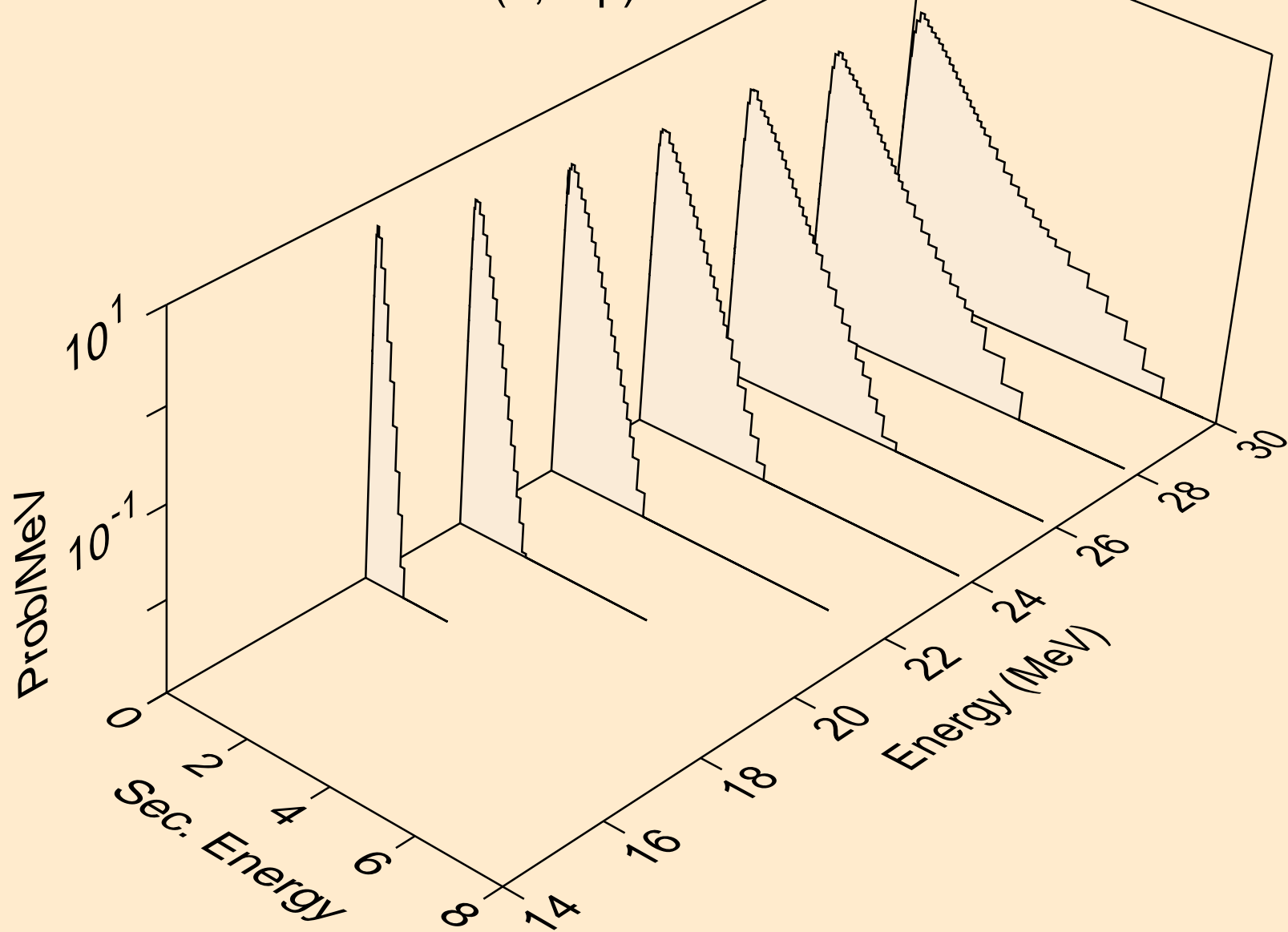
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



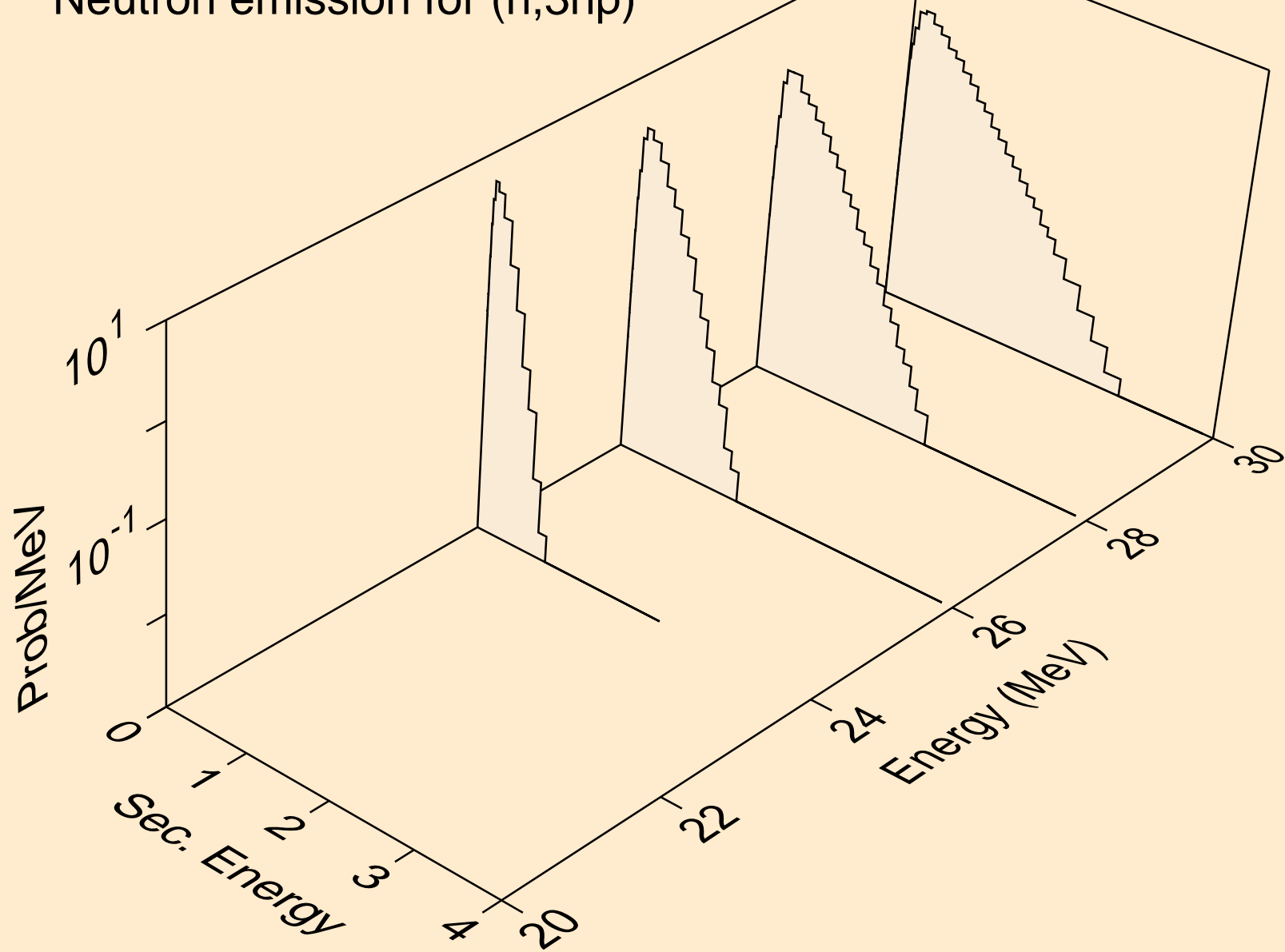
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

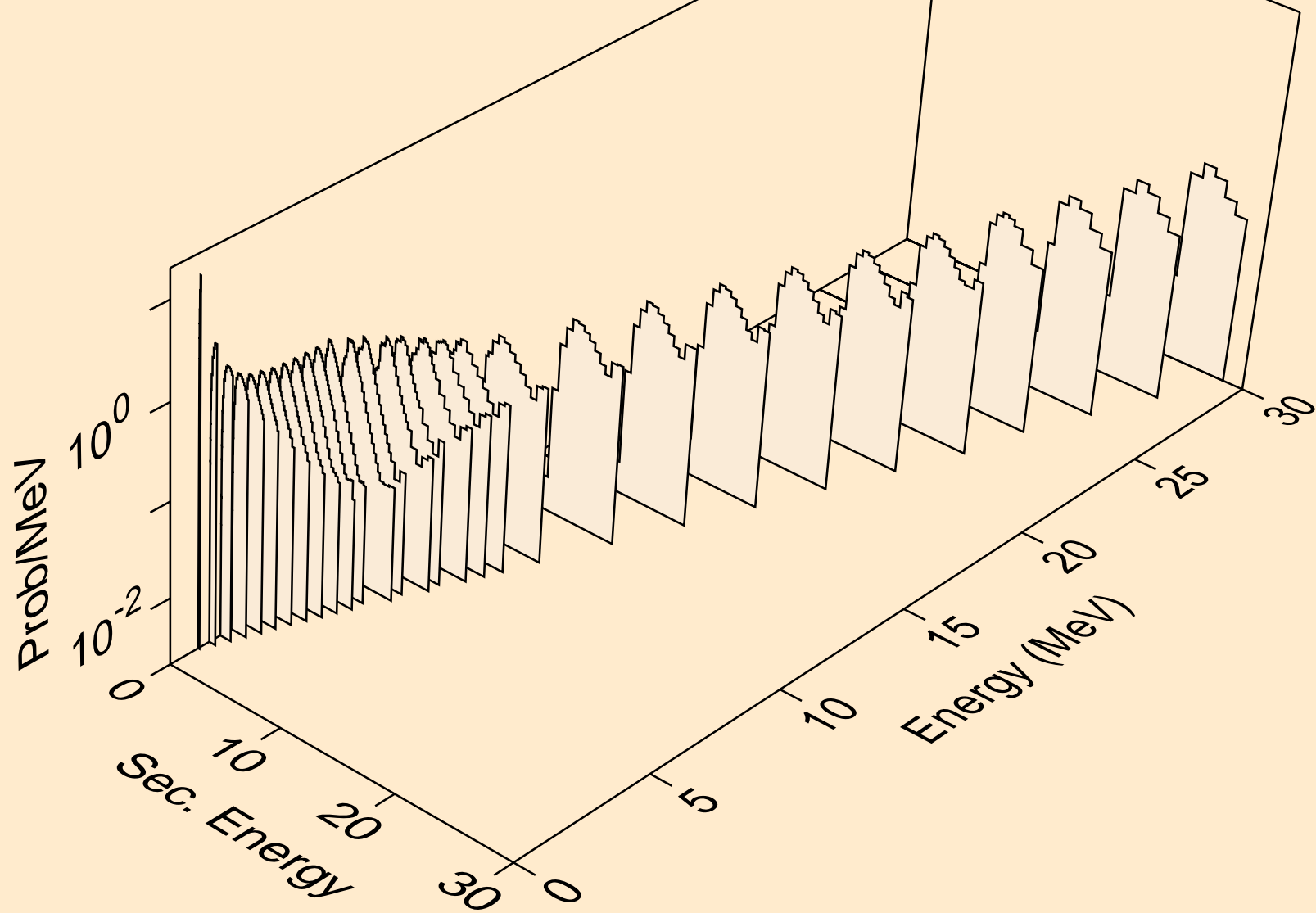


OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)

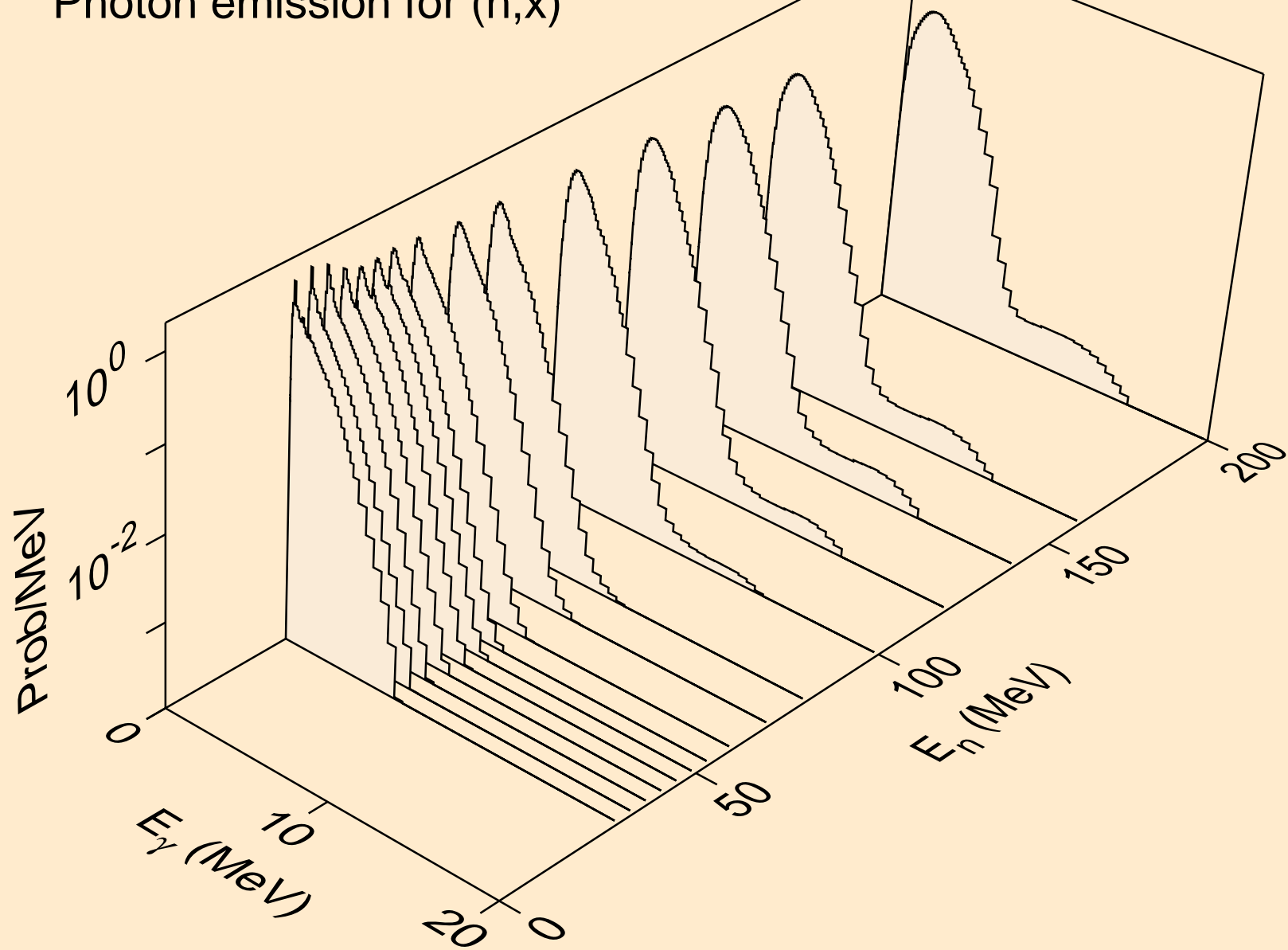




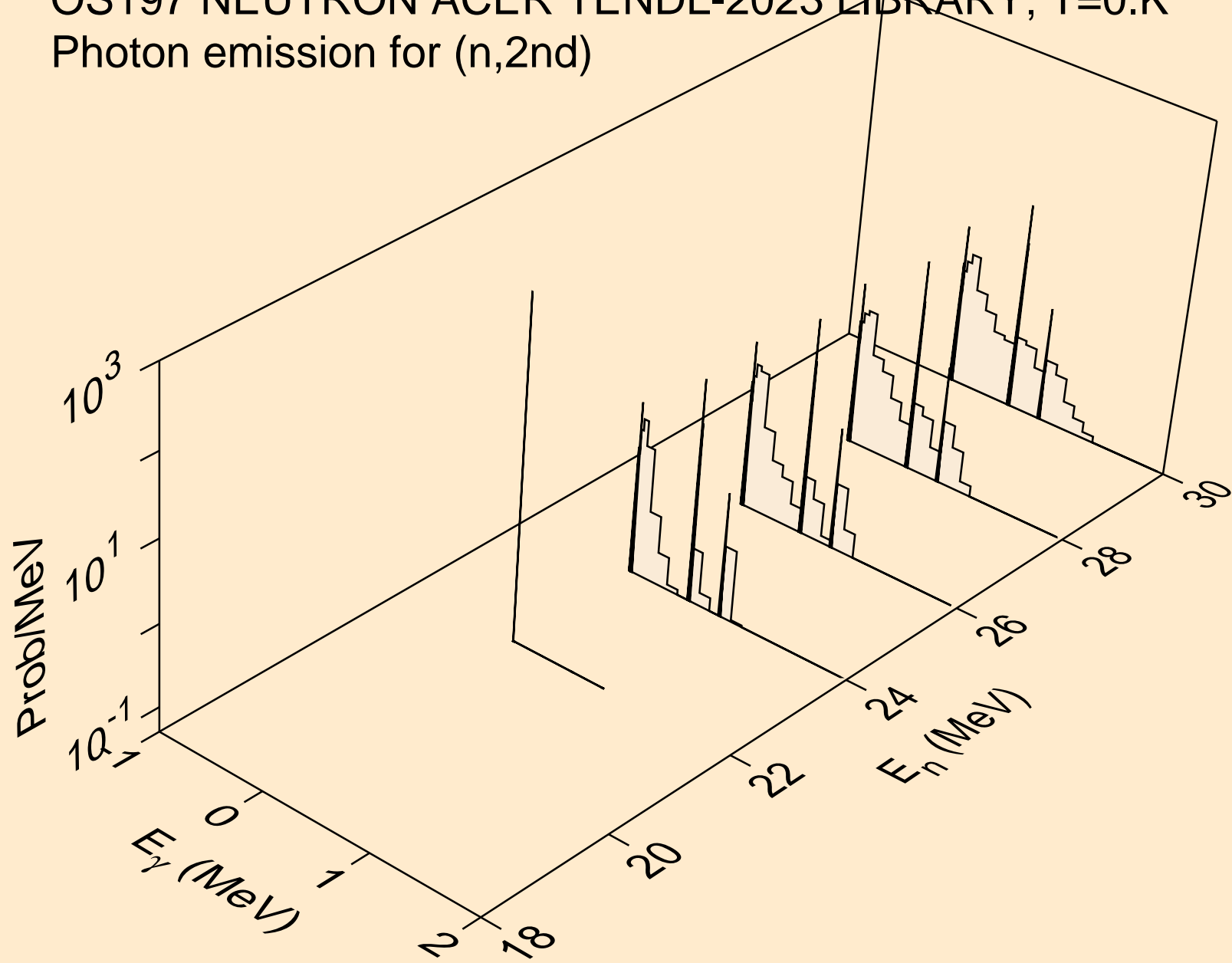
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



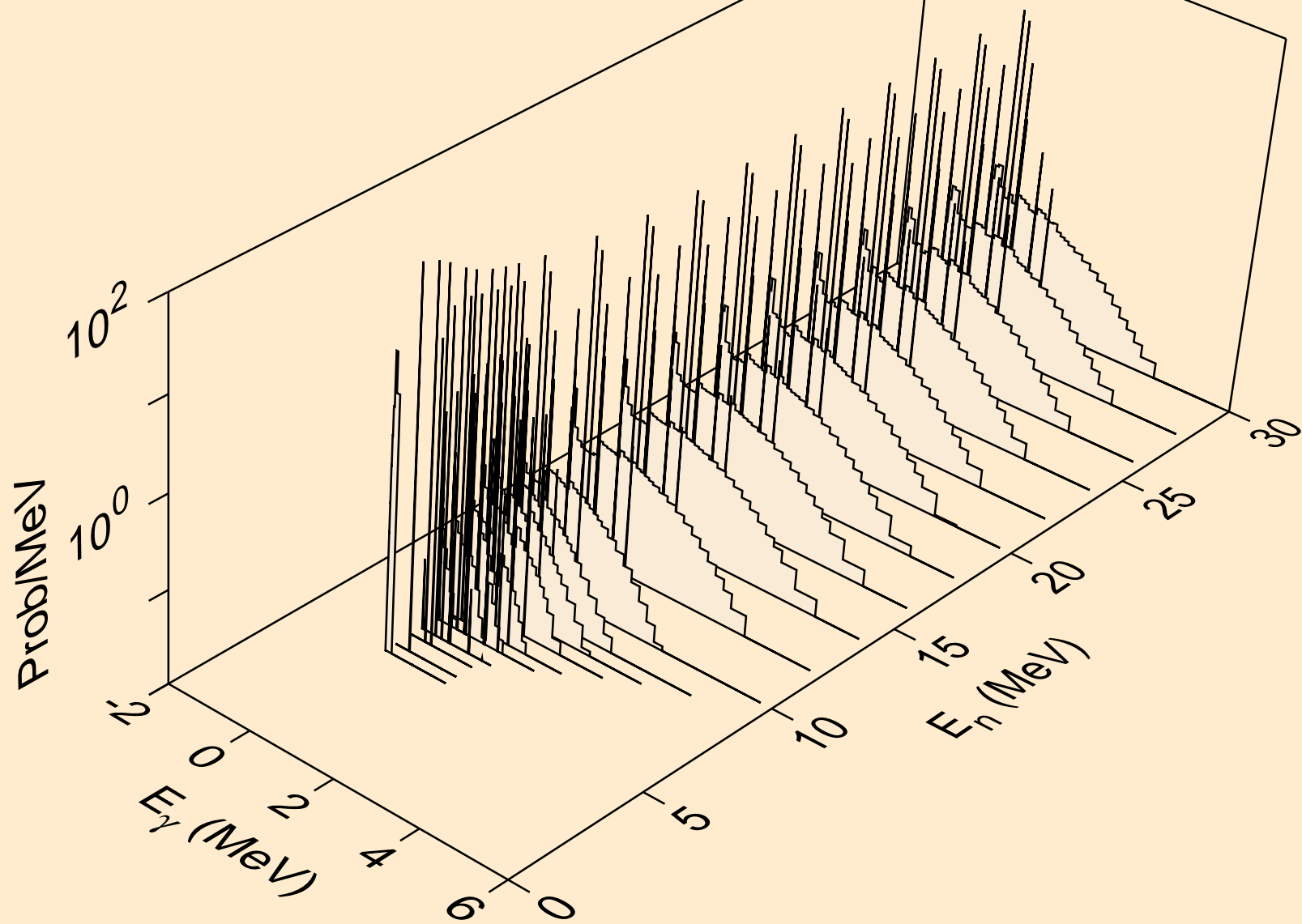
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



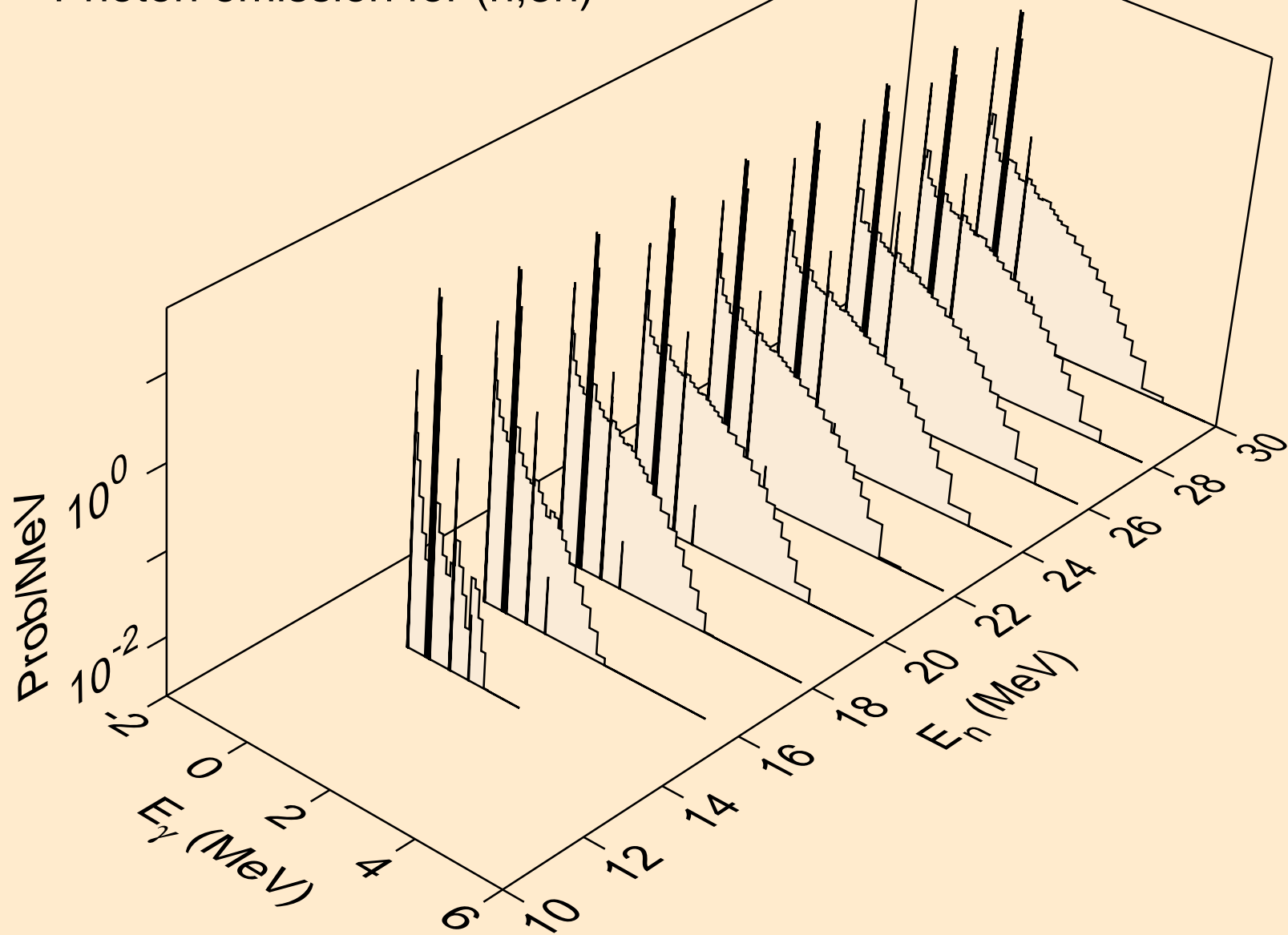
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



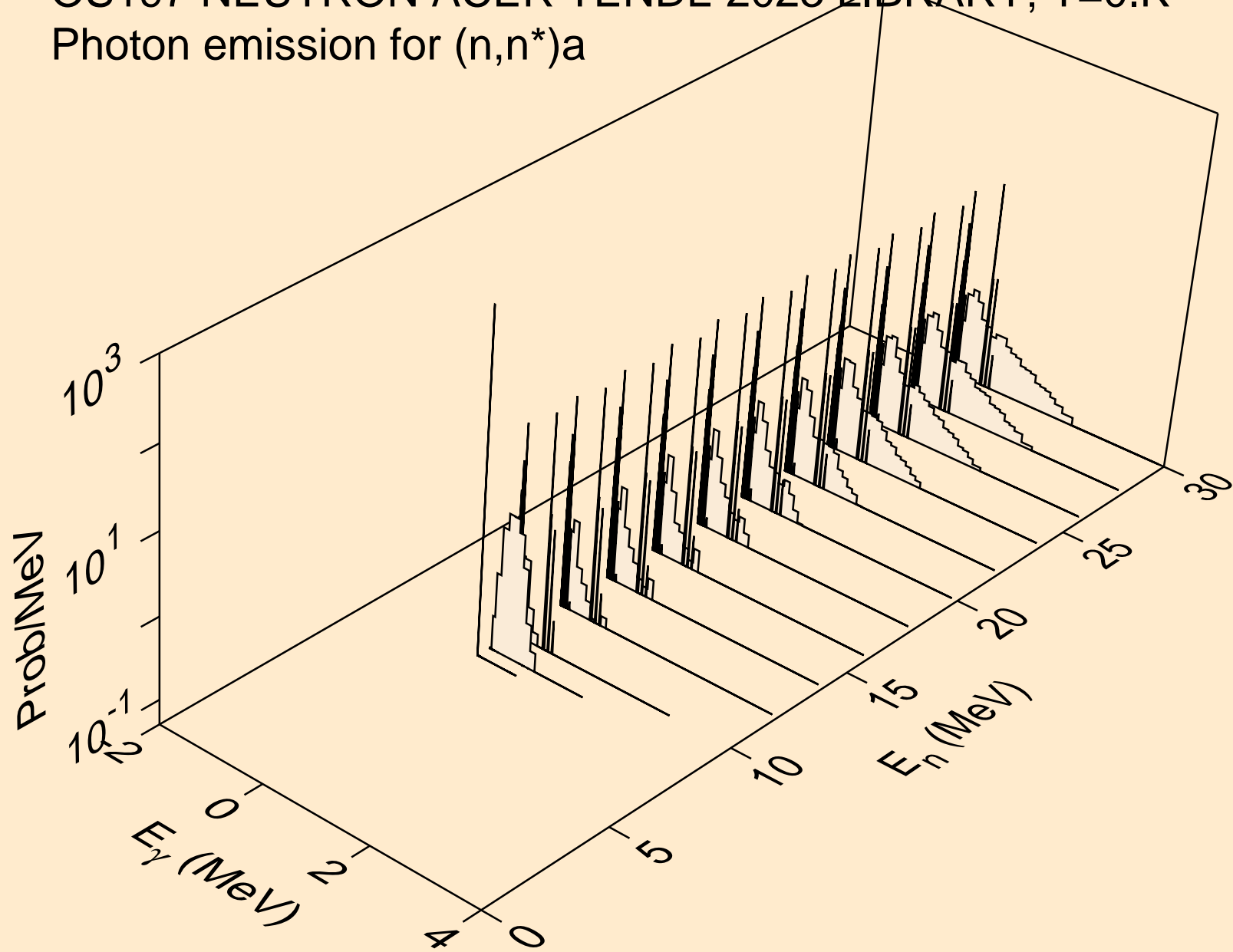
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



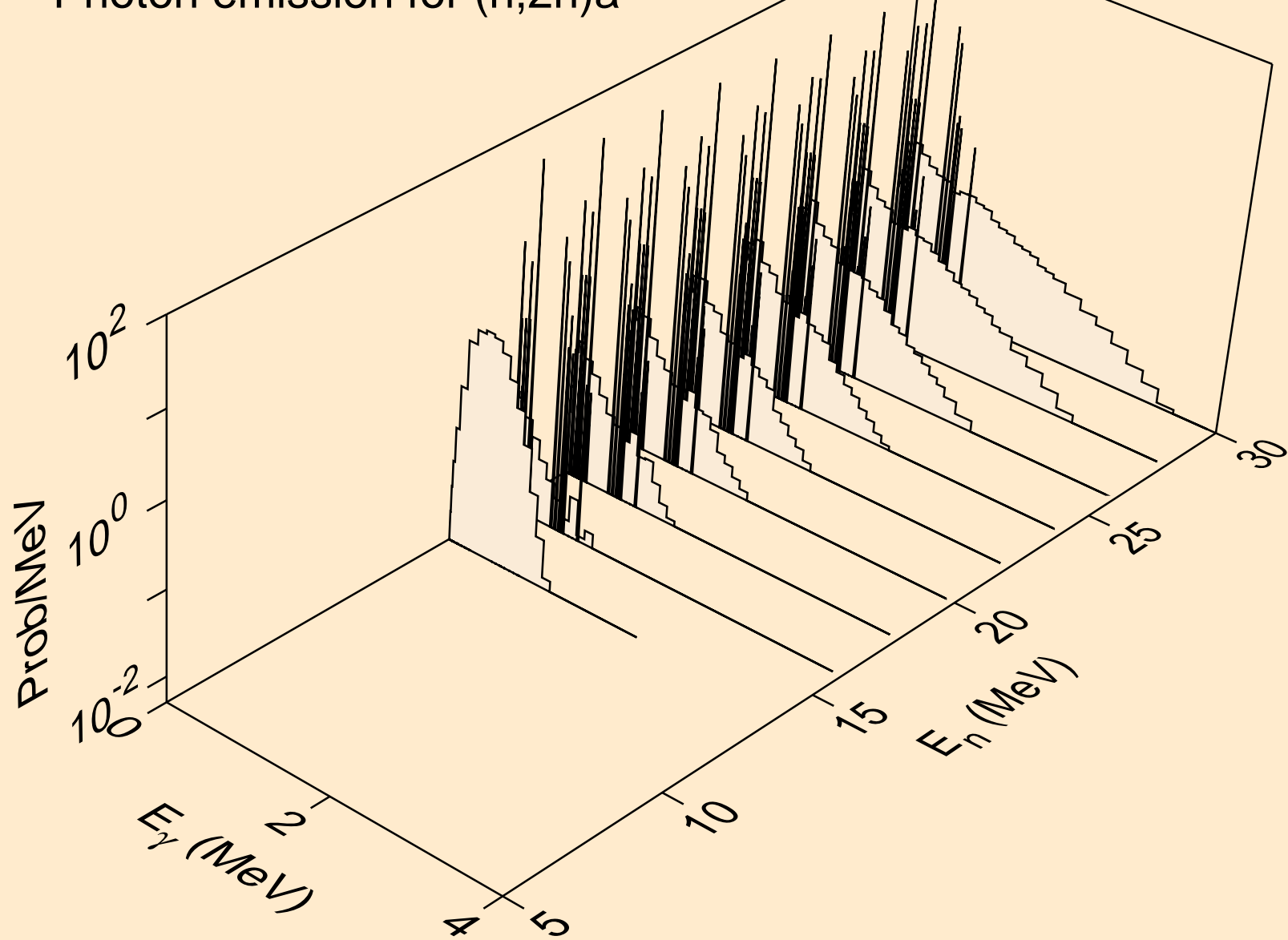
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



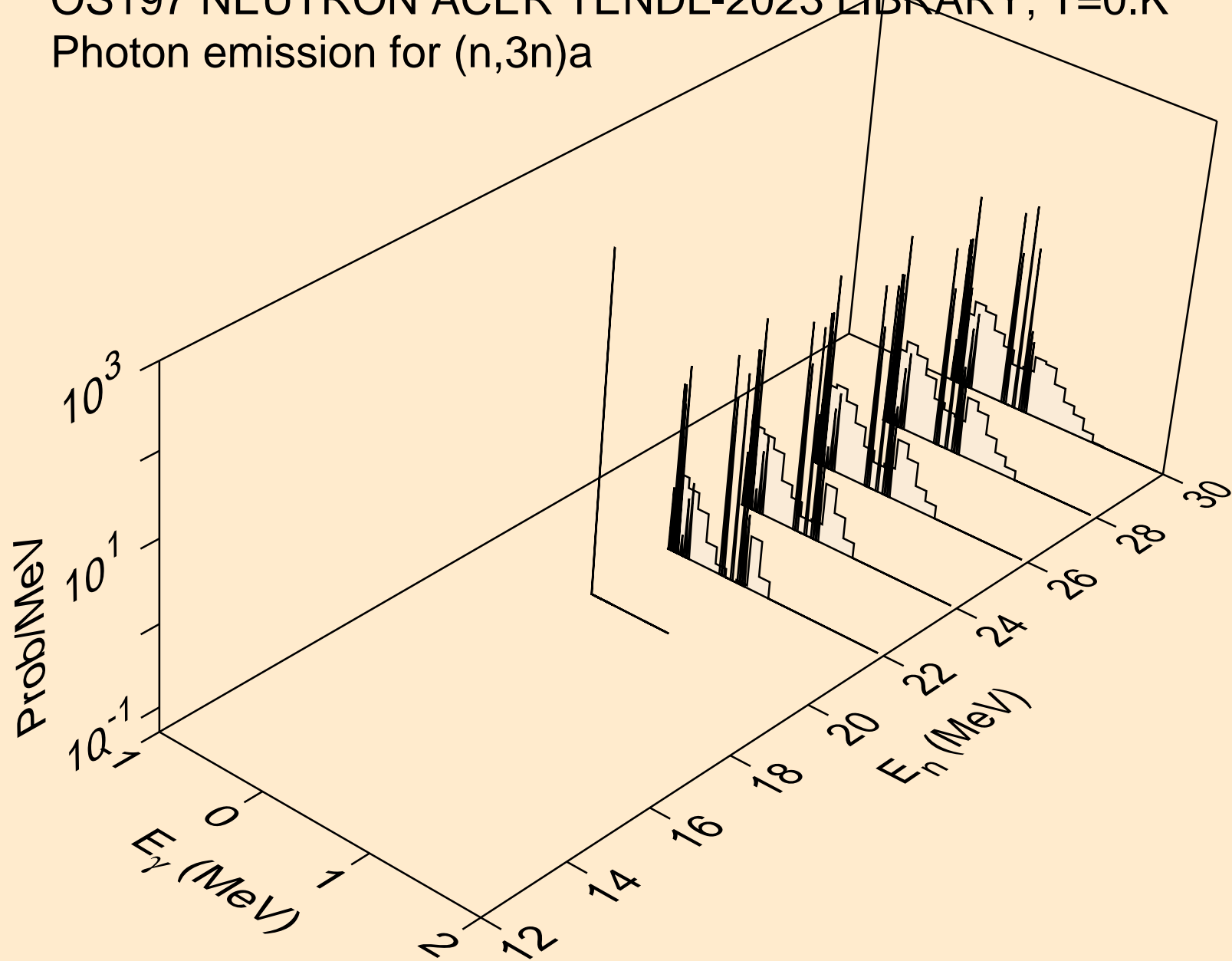
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

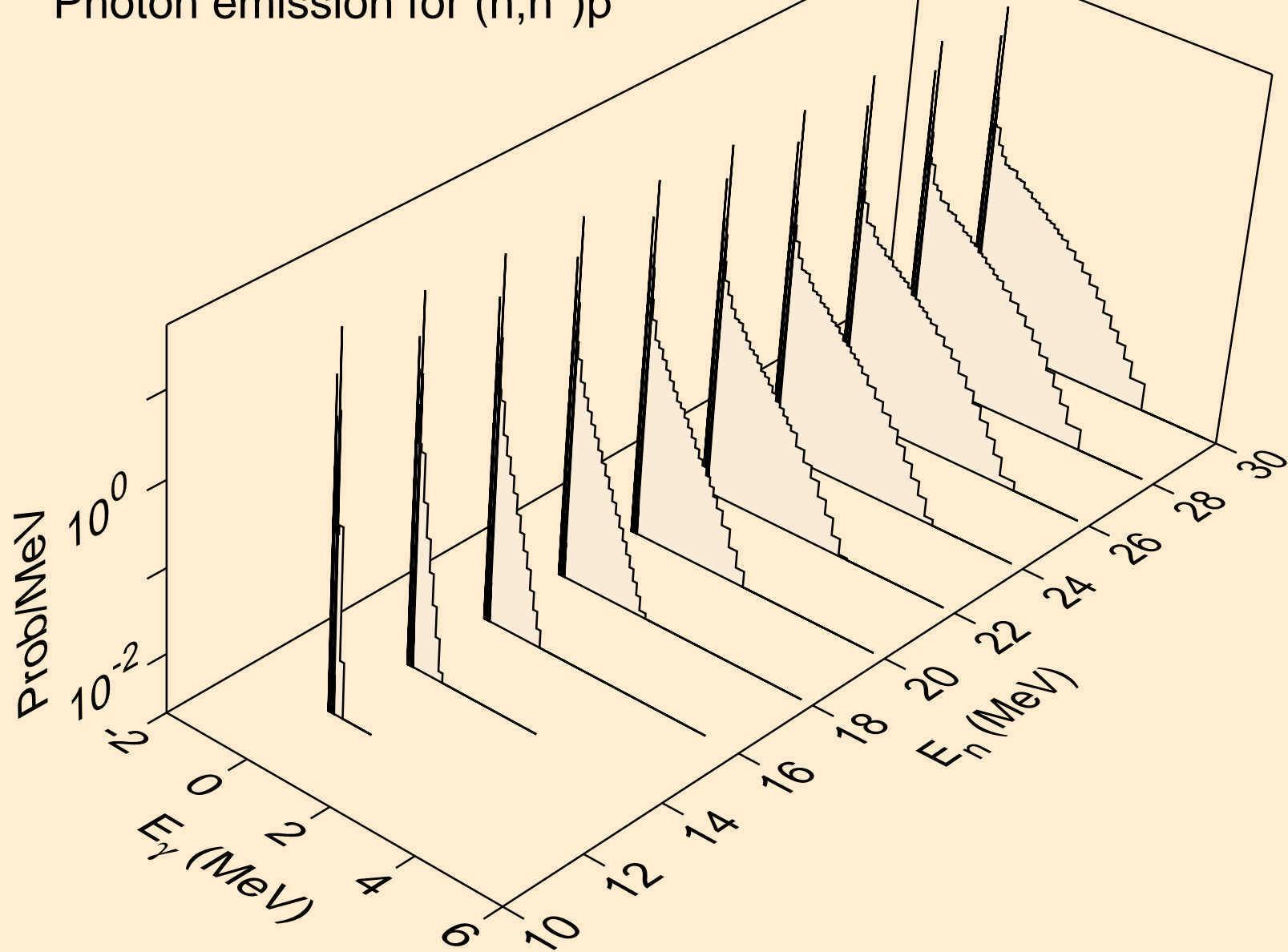


OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

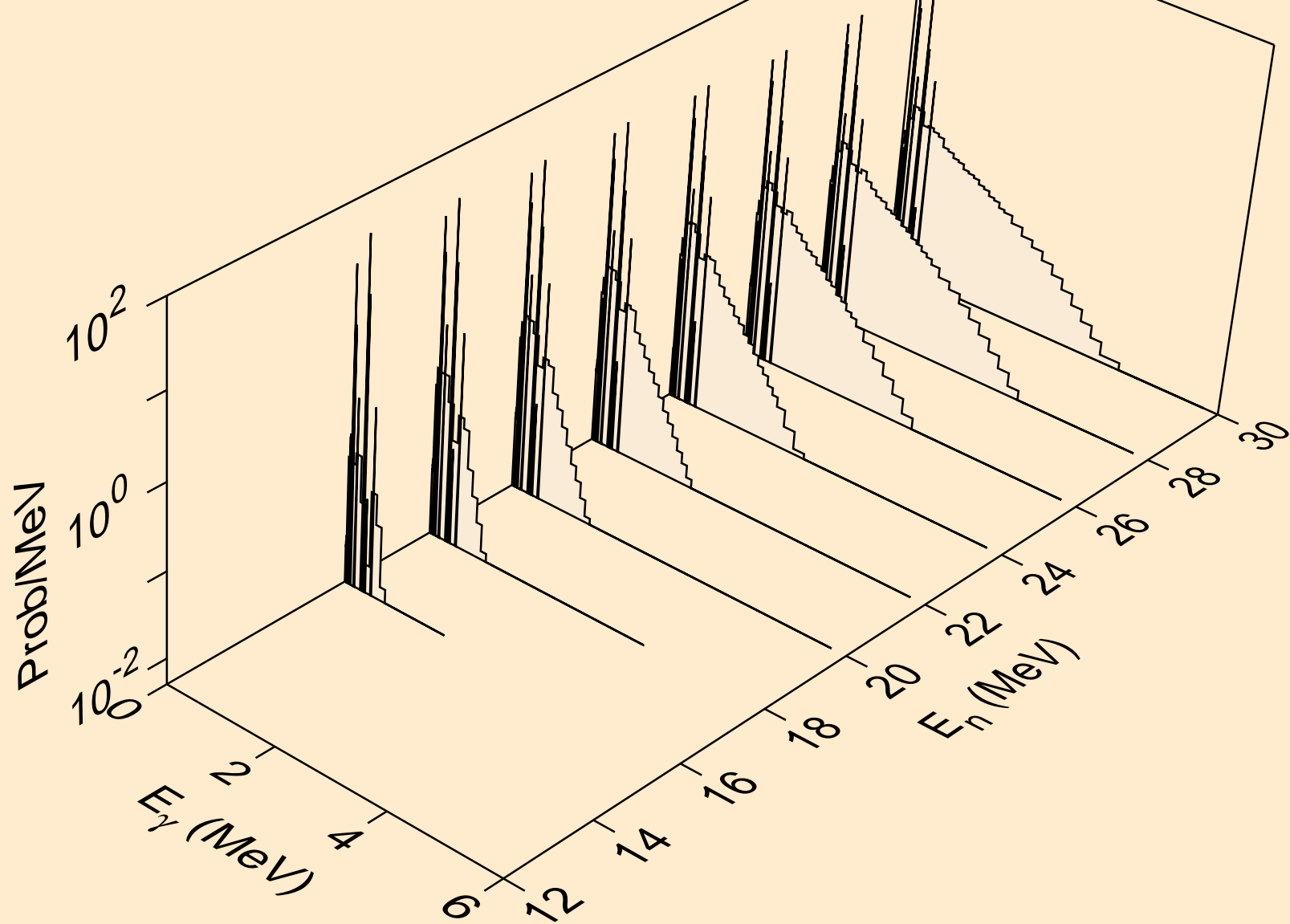




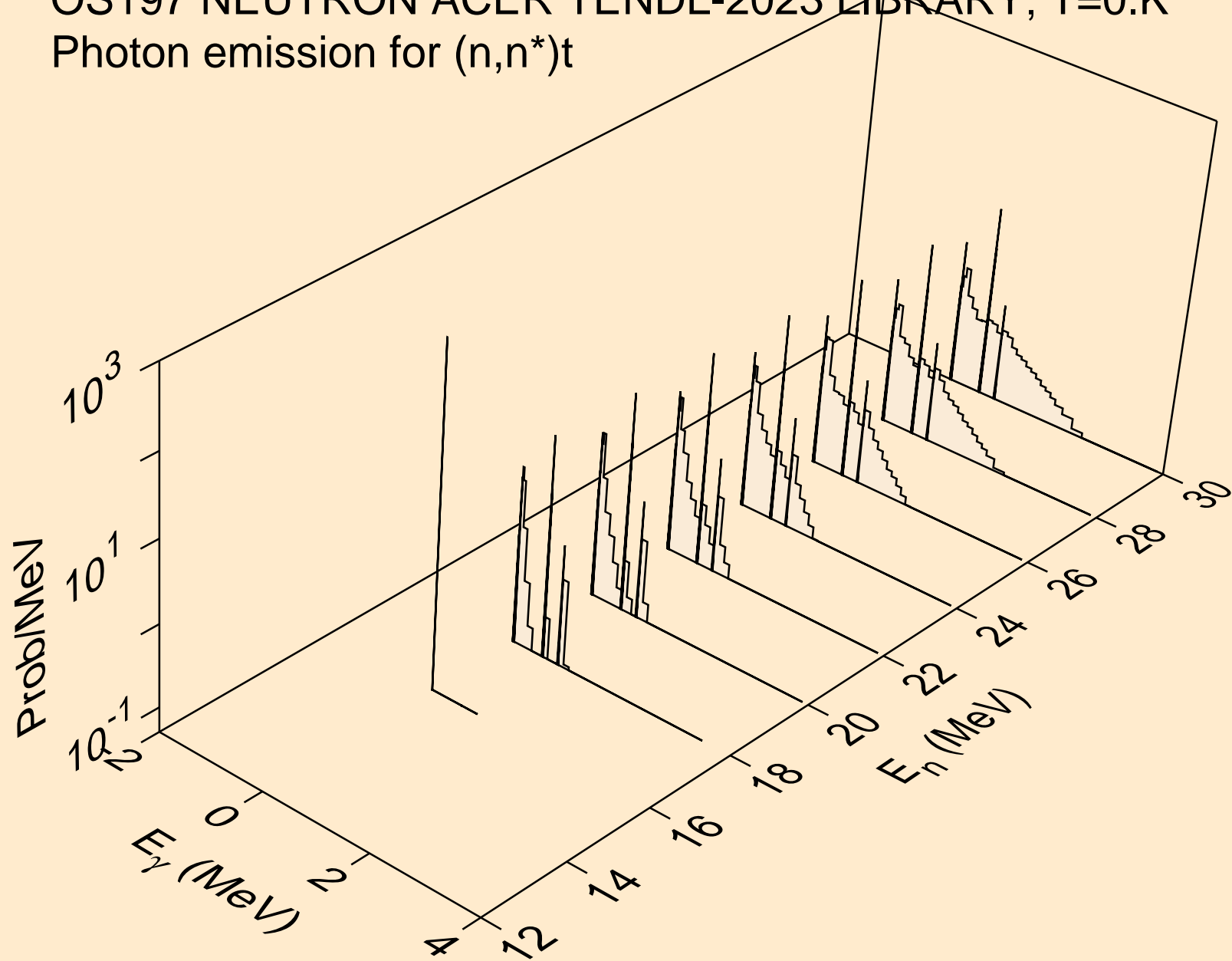
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Photon emission for (n,n\*)p



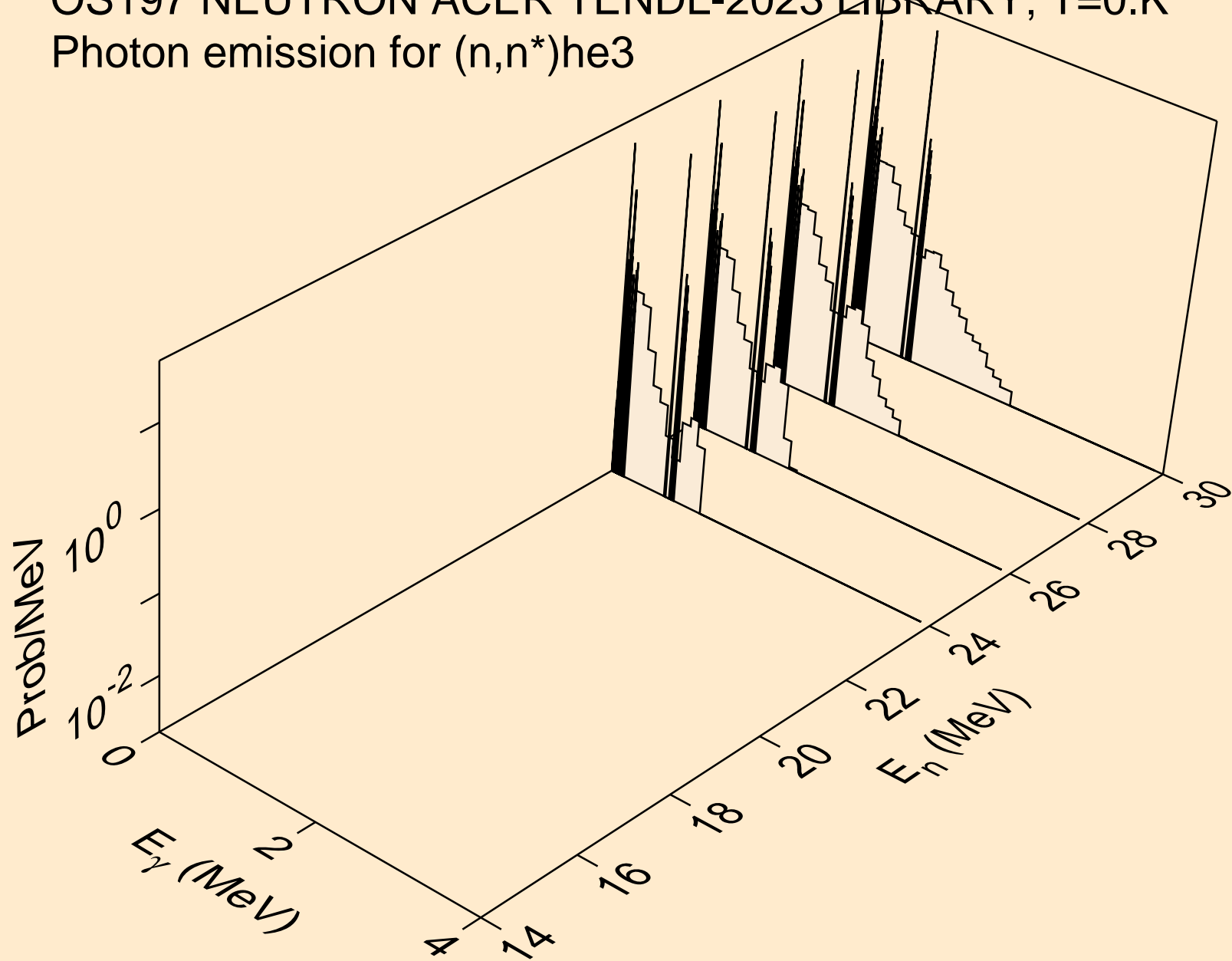
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



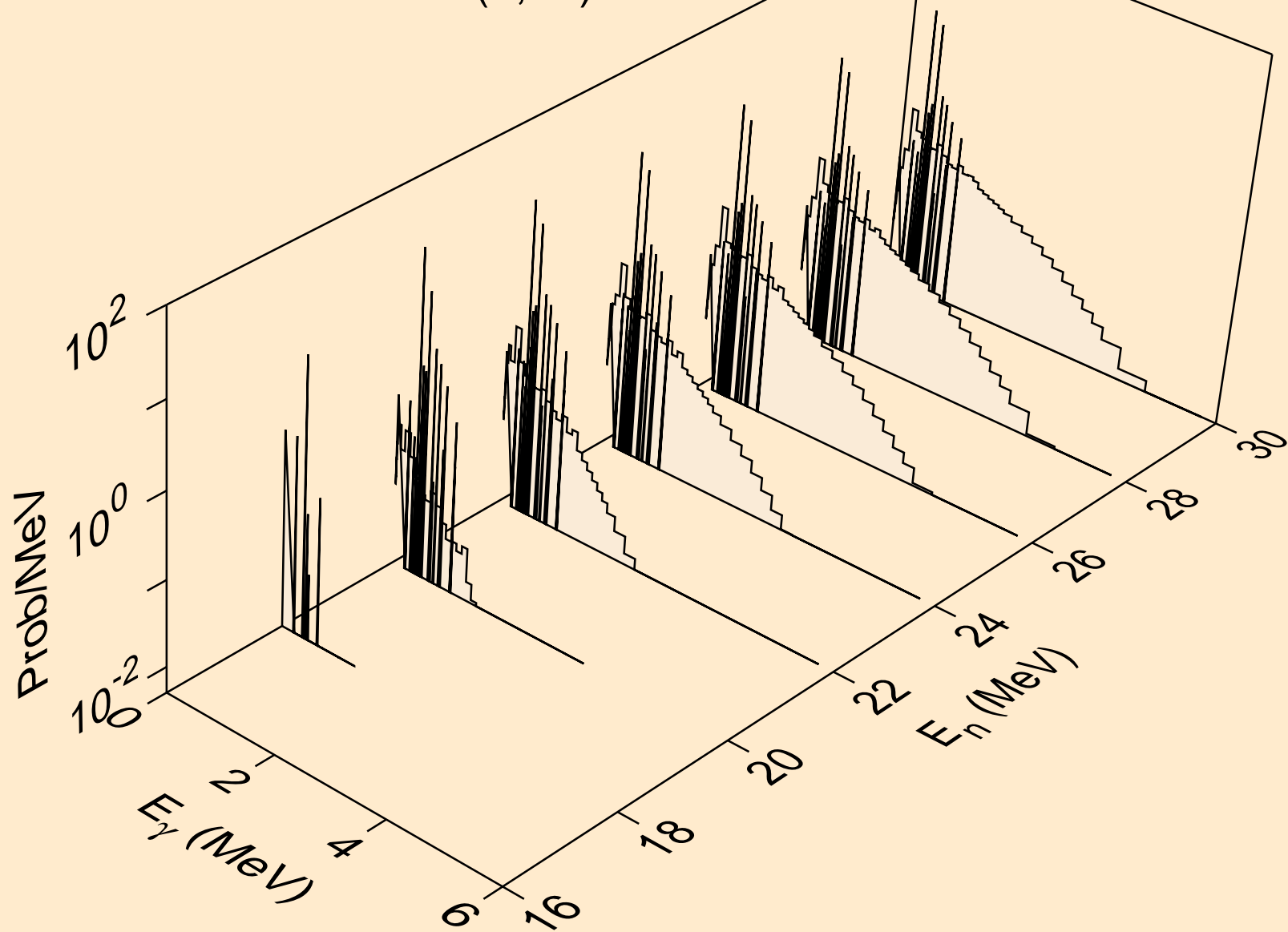
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Photon emission for (n,n\*)t



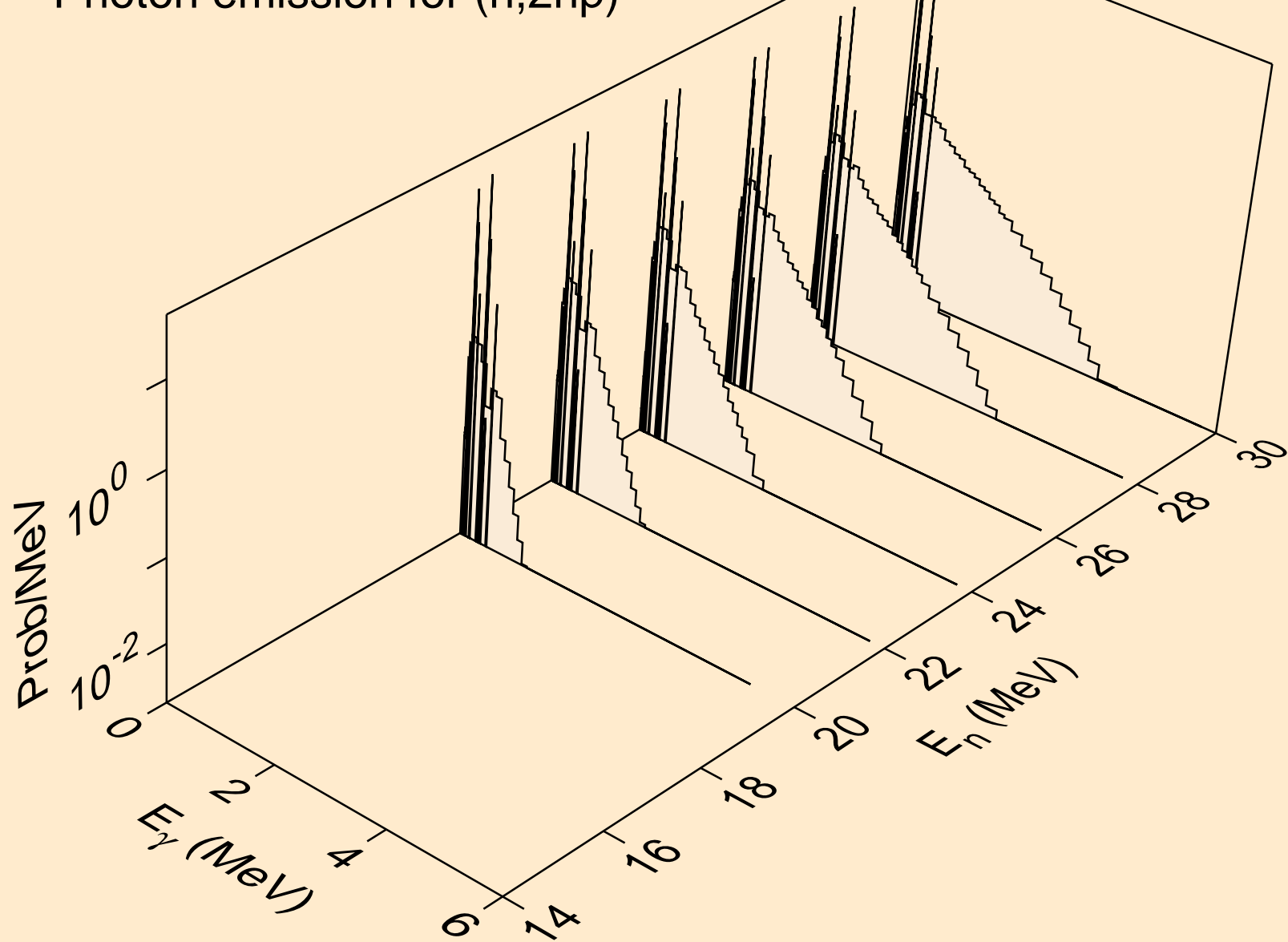
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



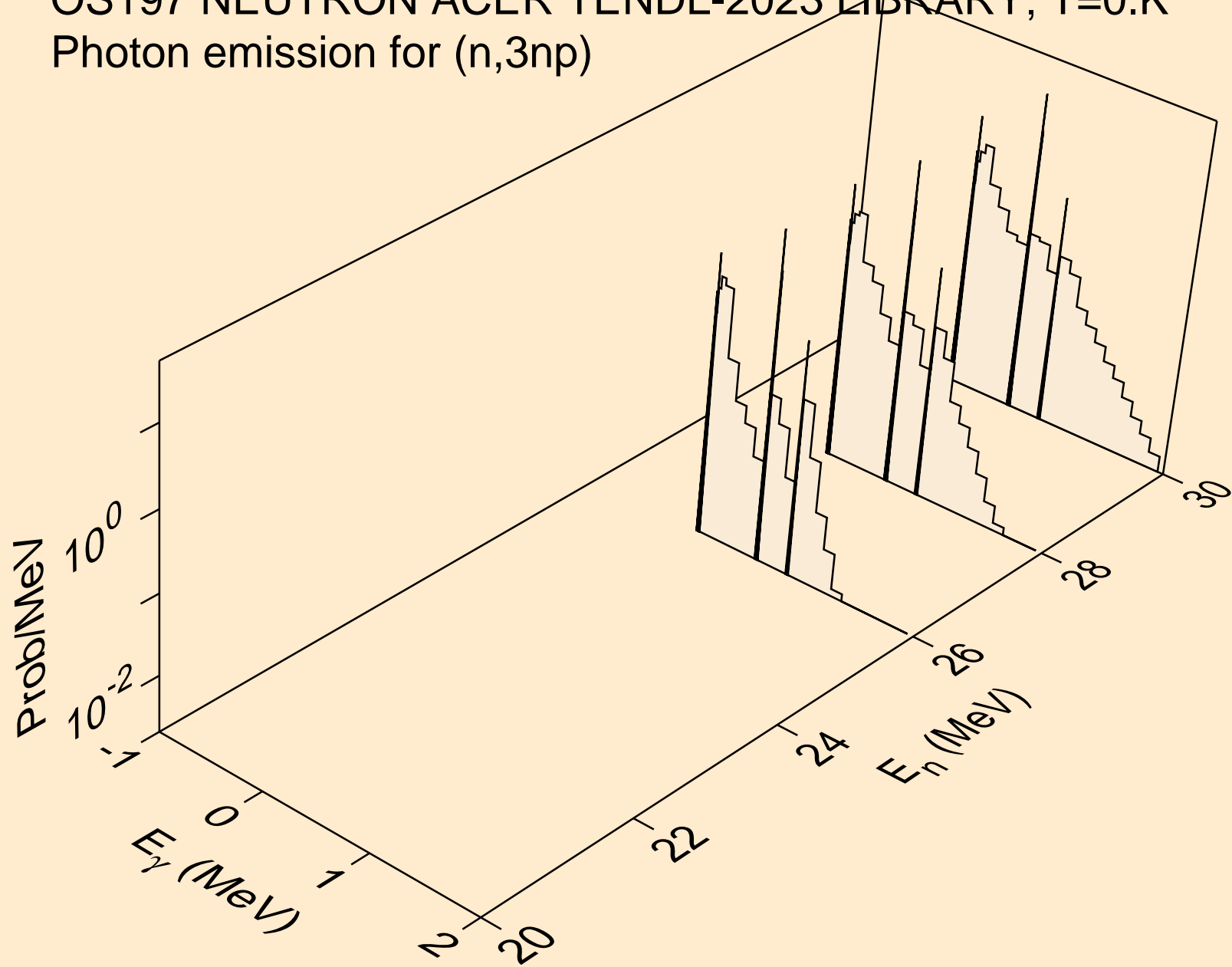
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Photon emission for (n,4n)



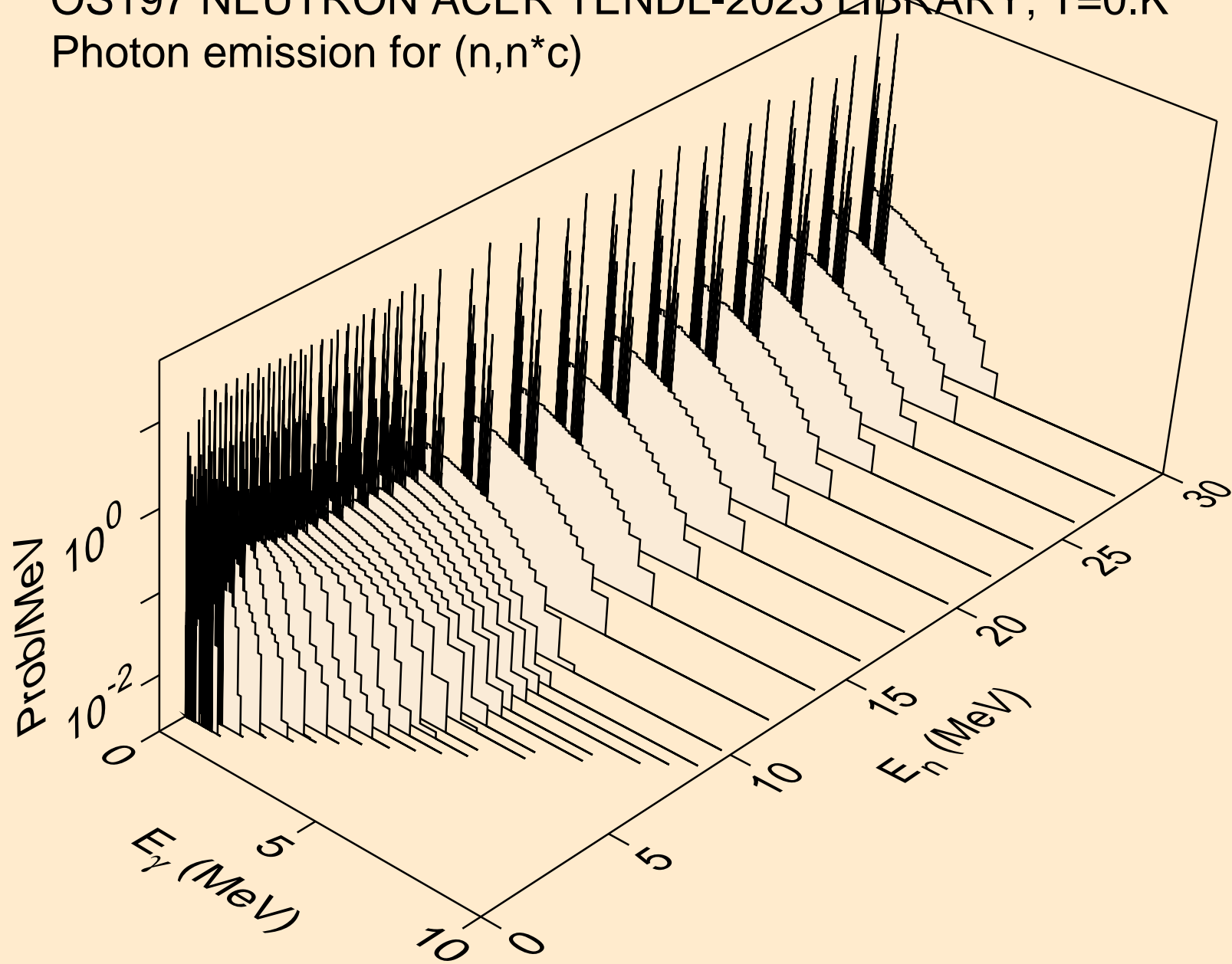
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

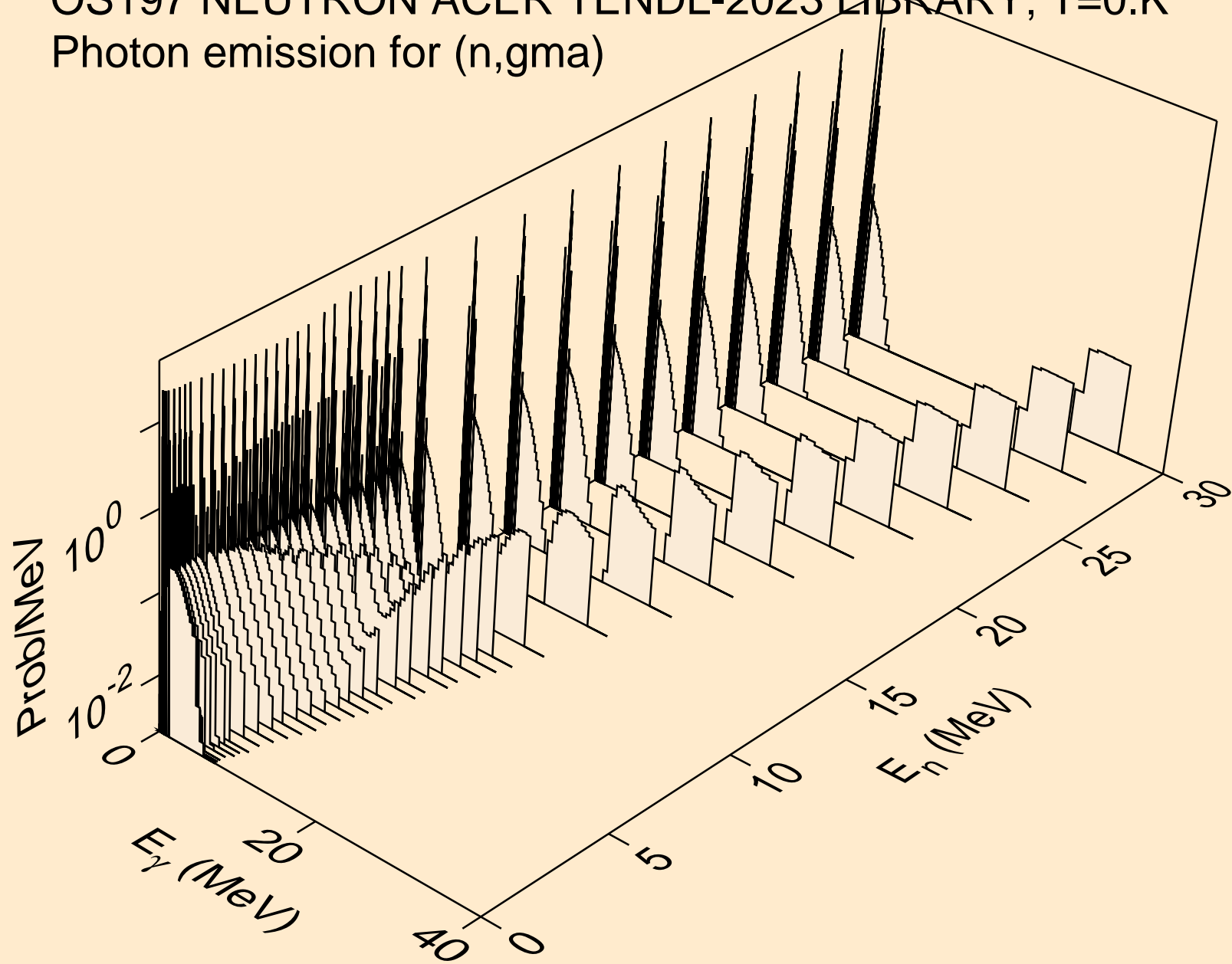


OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

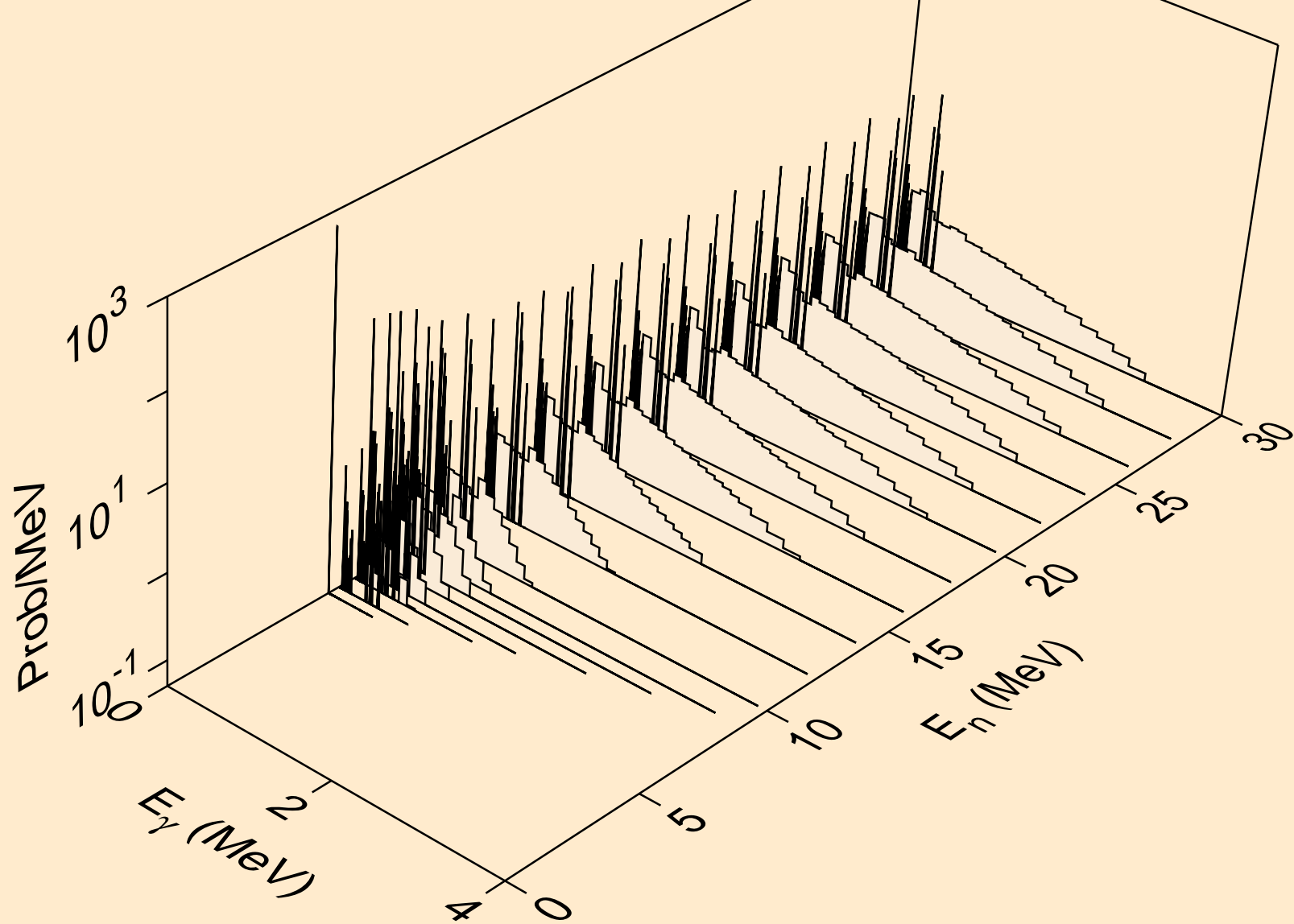




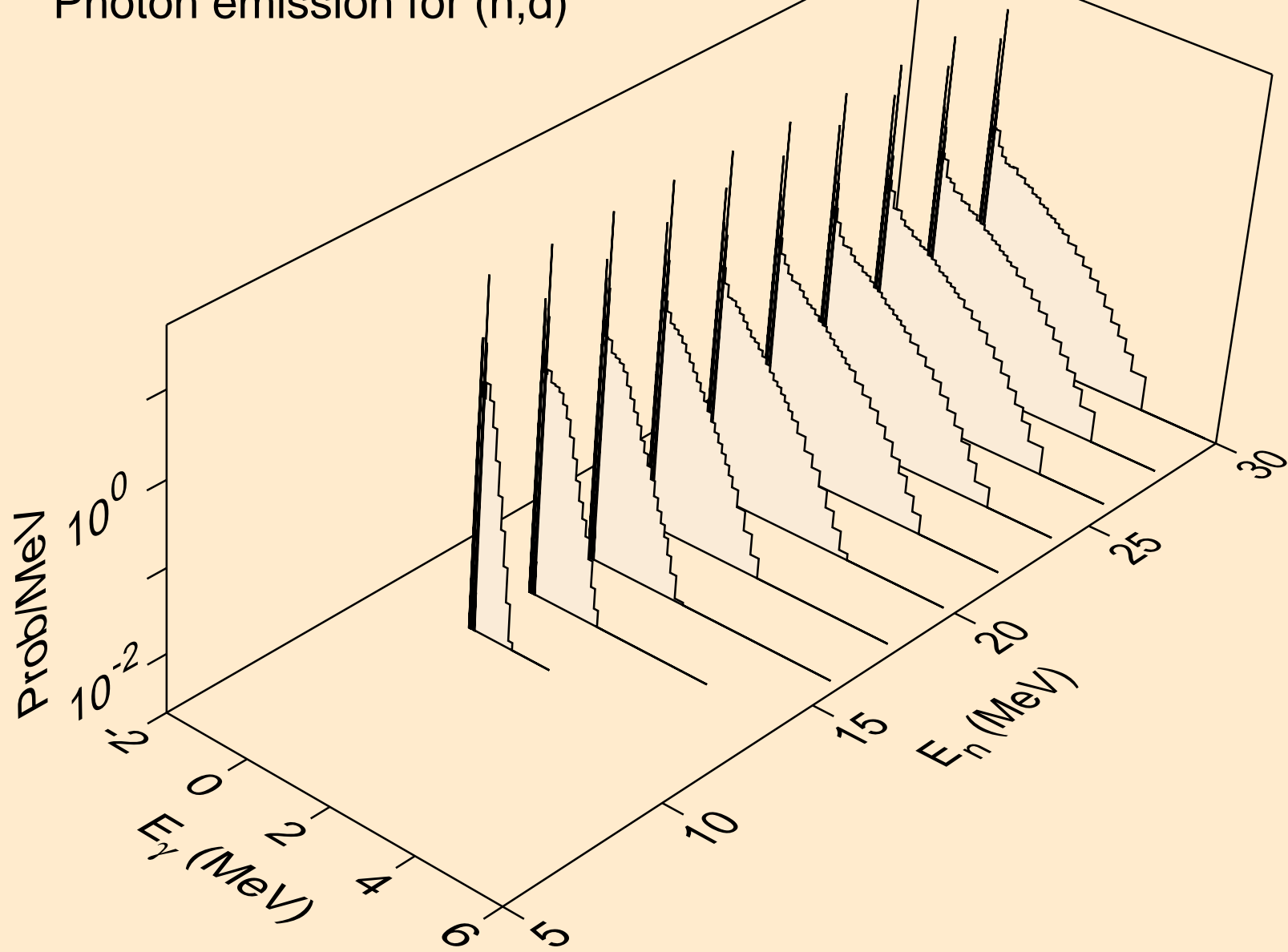
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Photon emission for (n,gma)



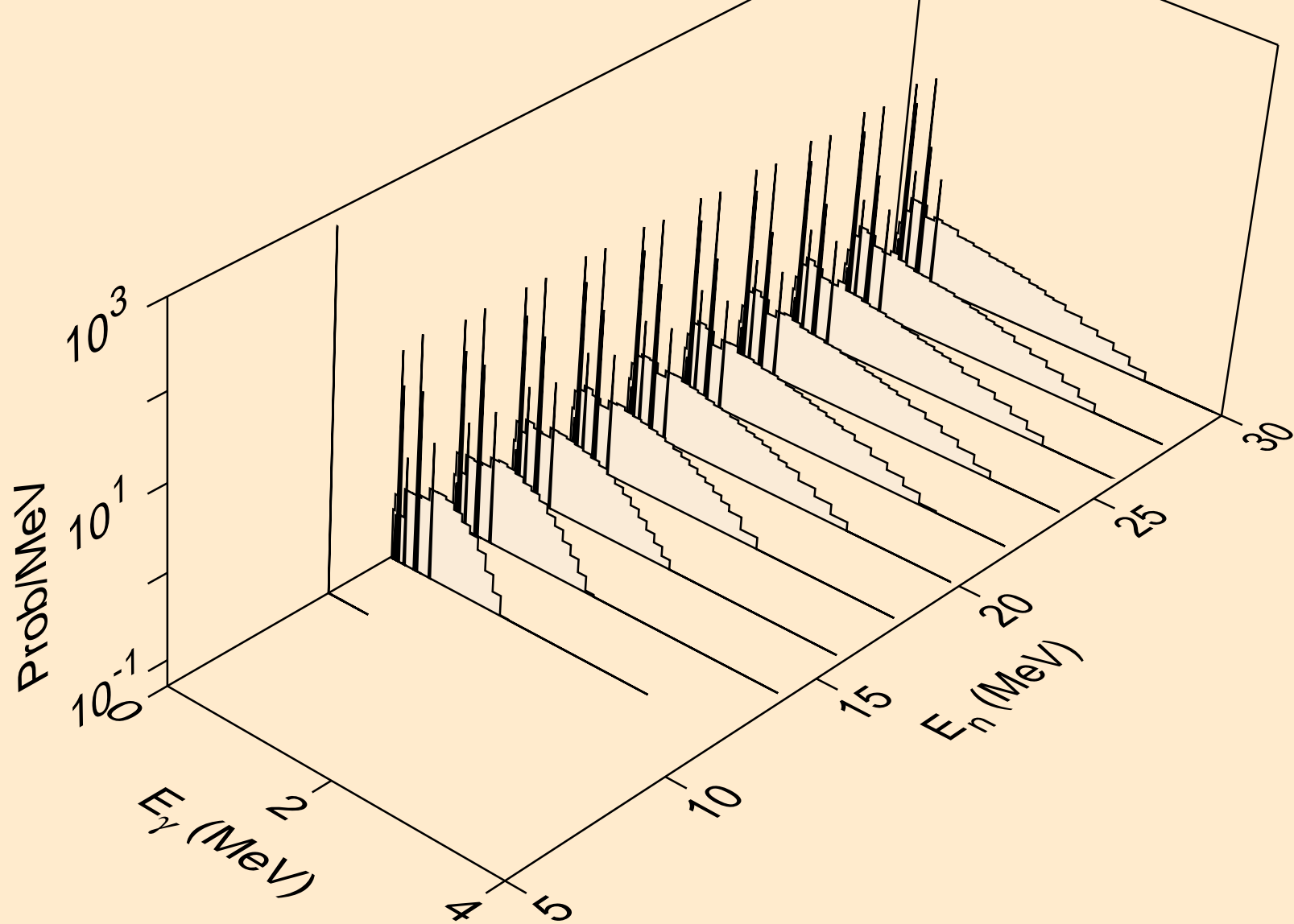
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Photon emission for (n,p)



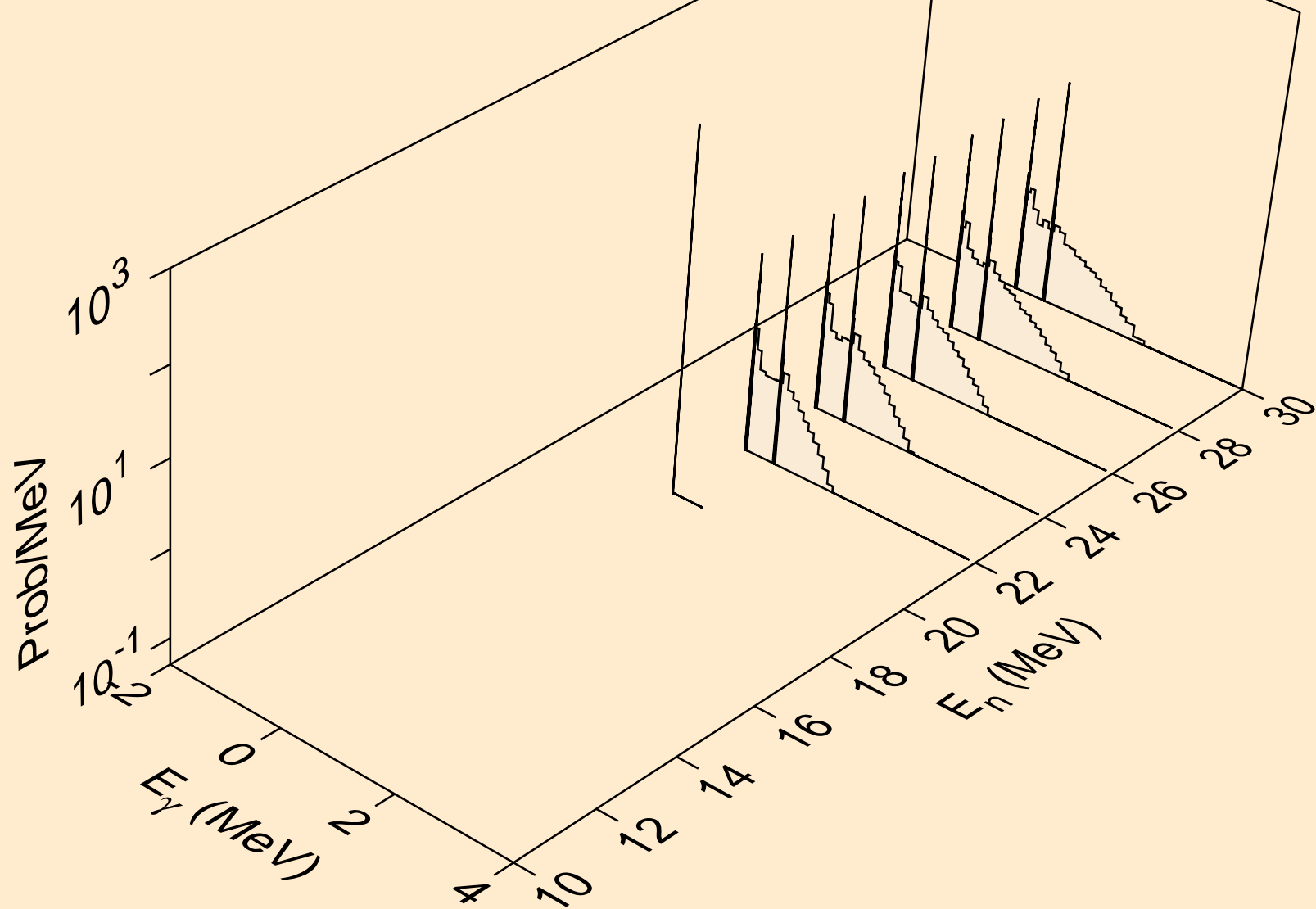
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



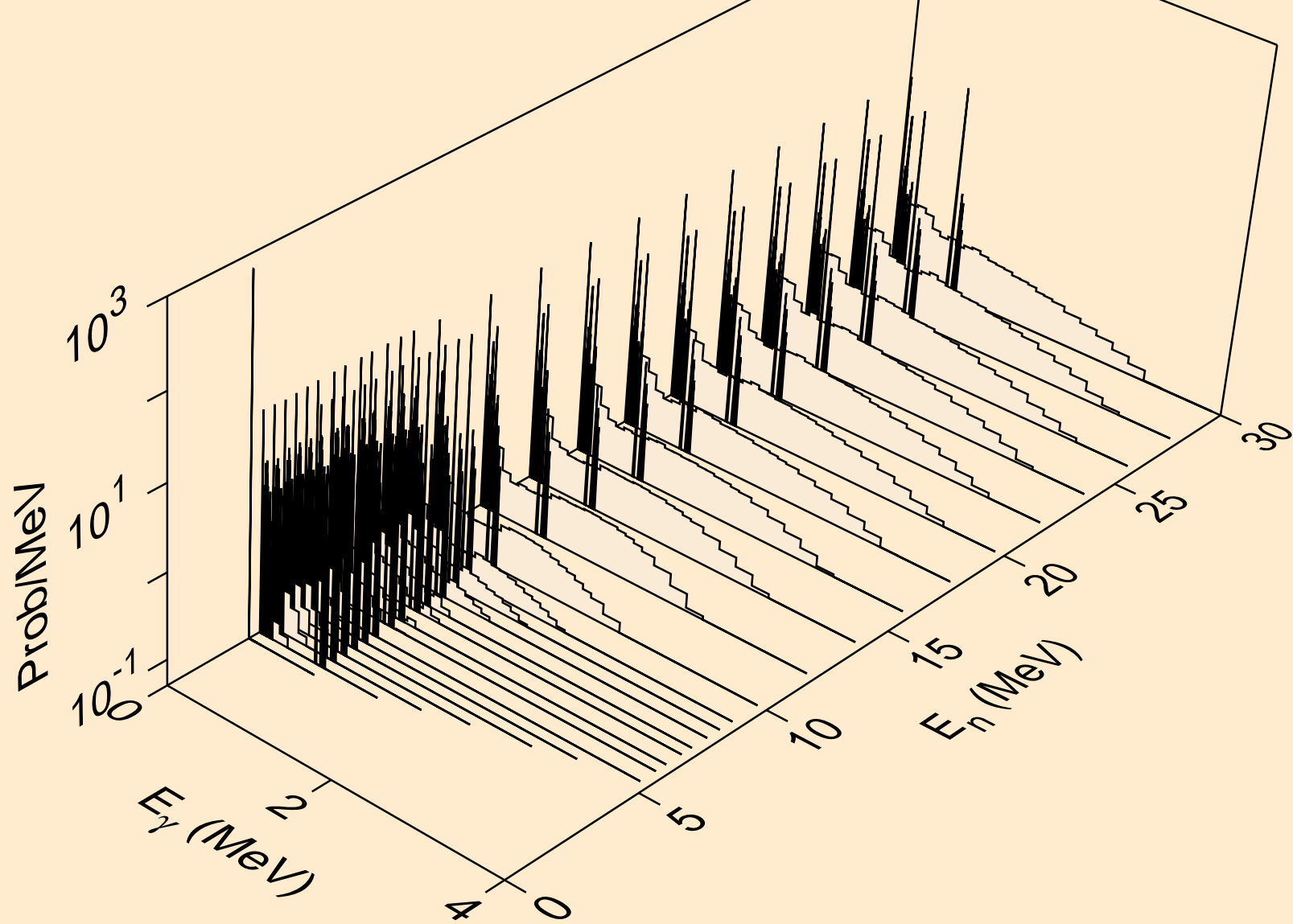
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Photon emission for (n,t)



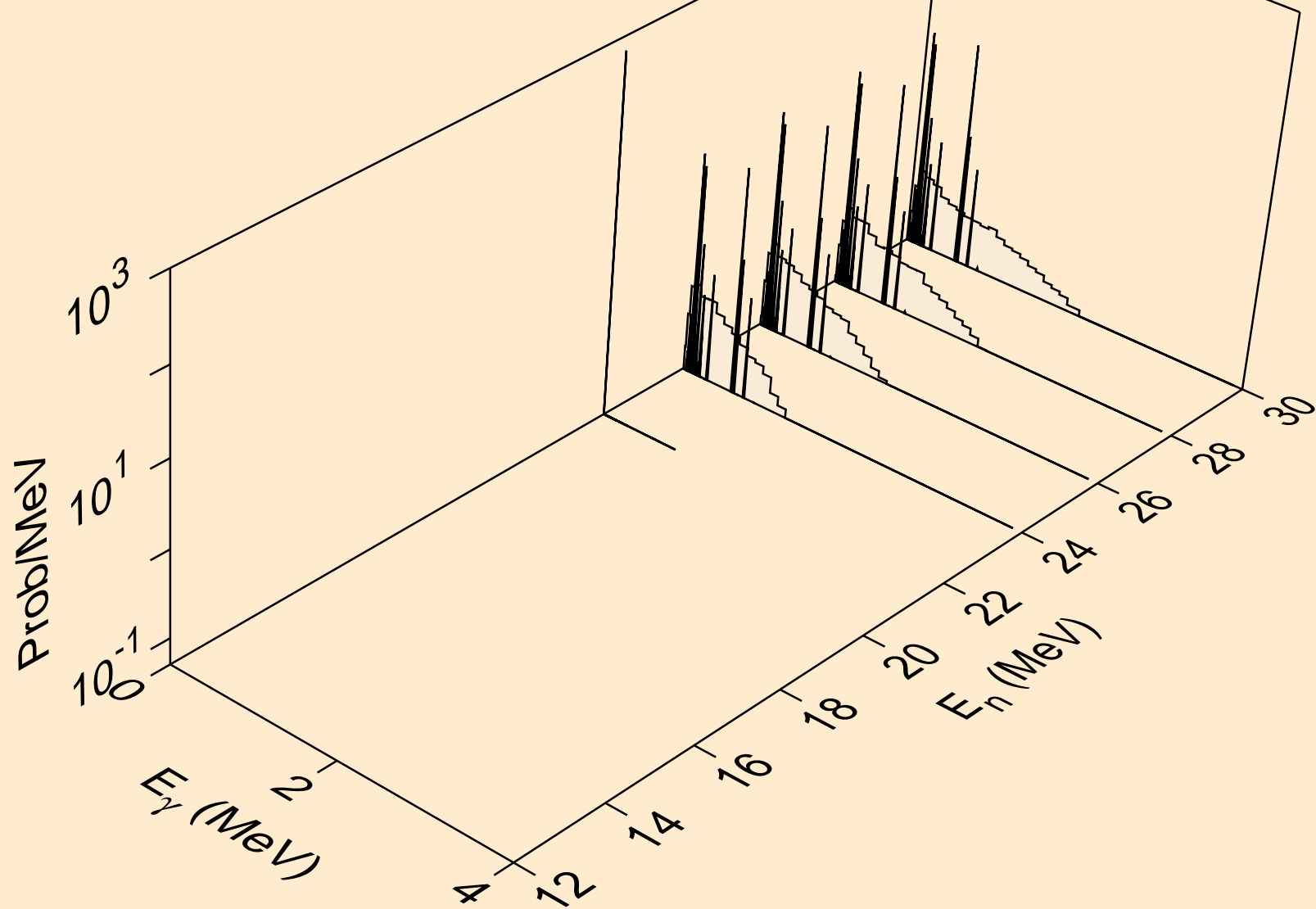
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Photon emission for (n,he3)



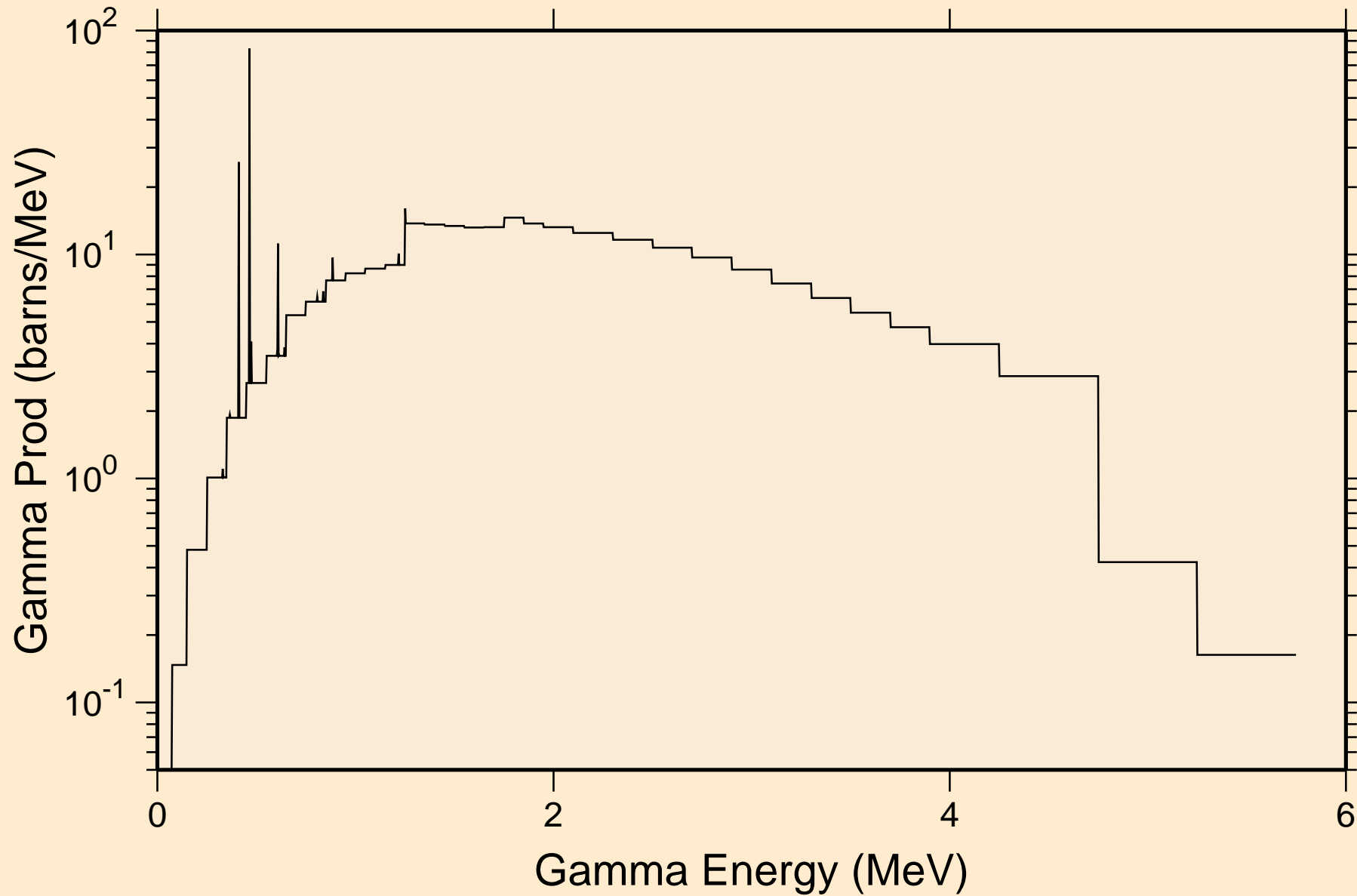
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

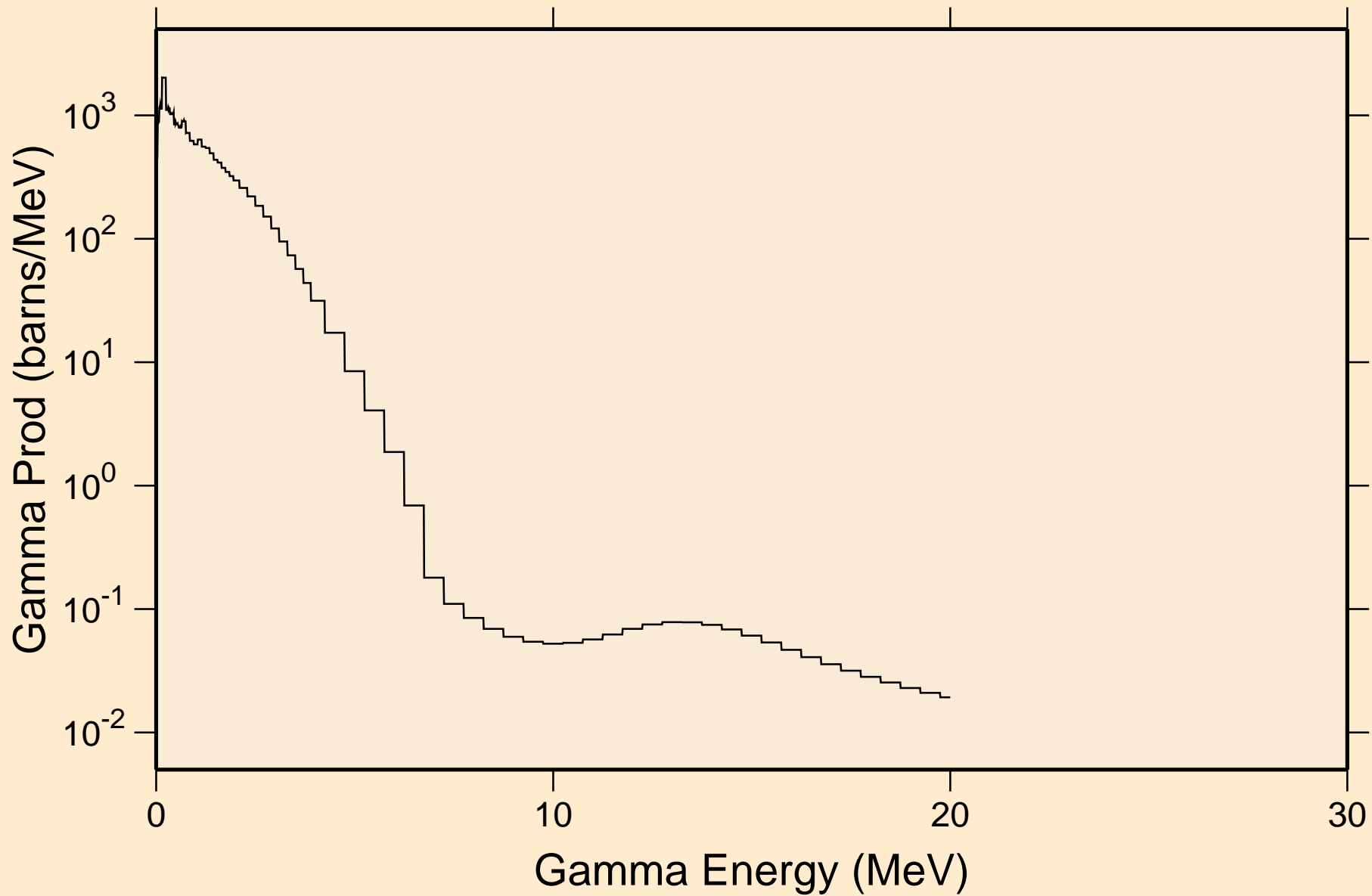


OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



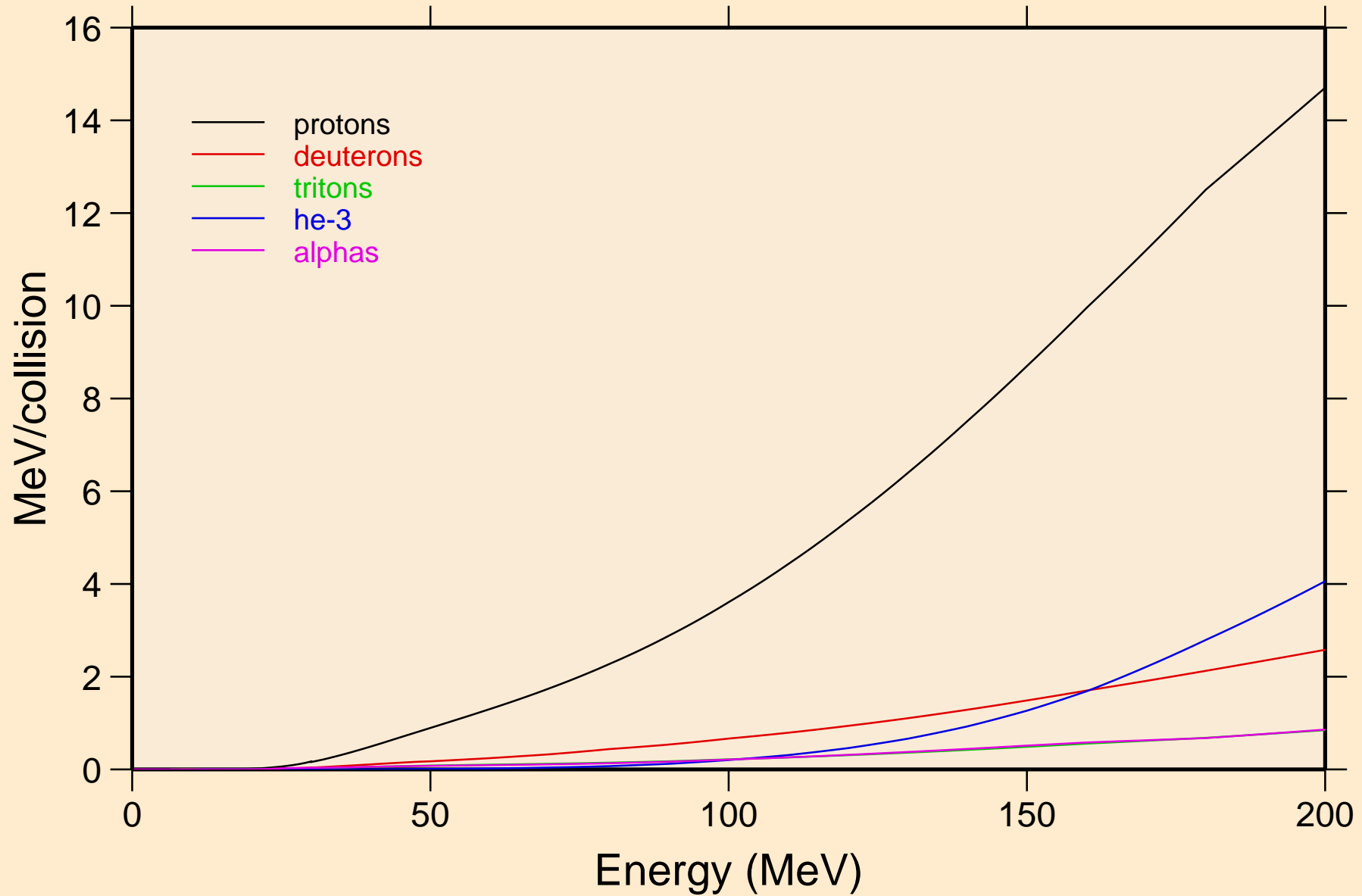


OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

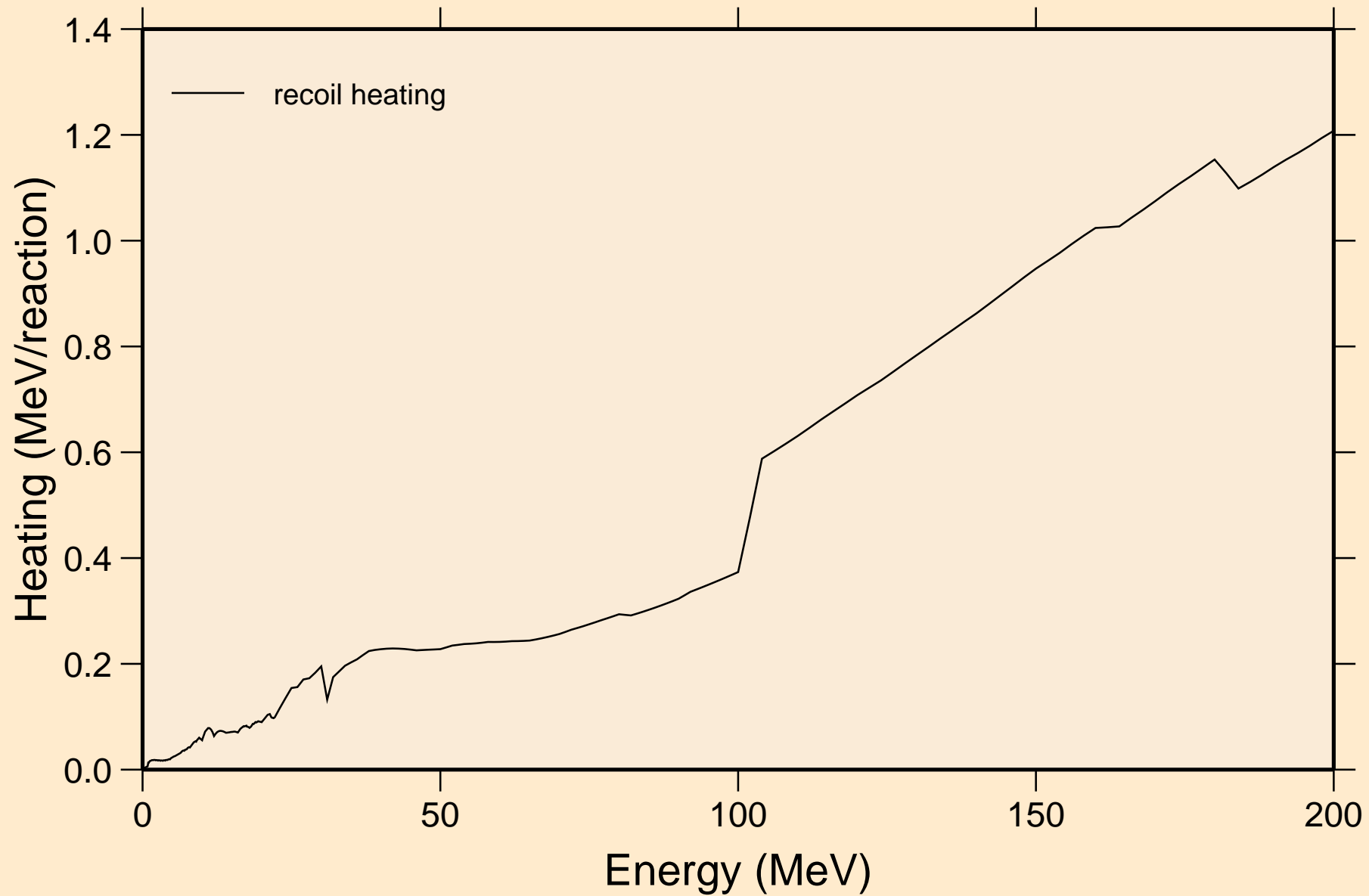


# OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

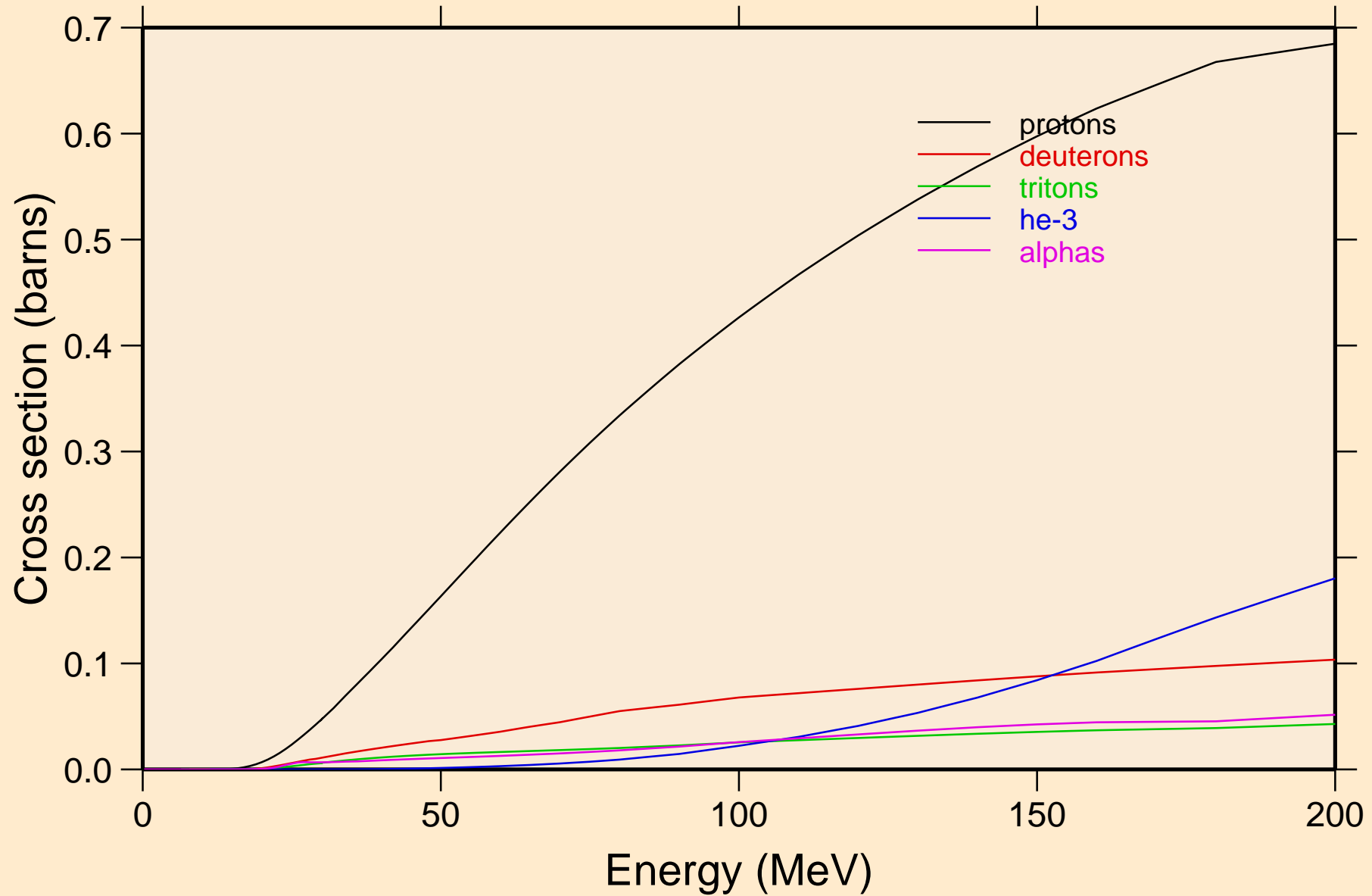


OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

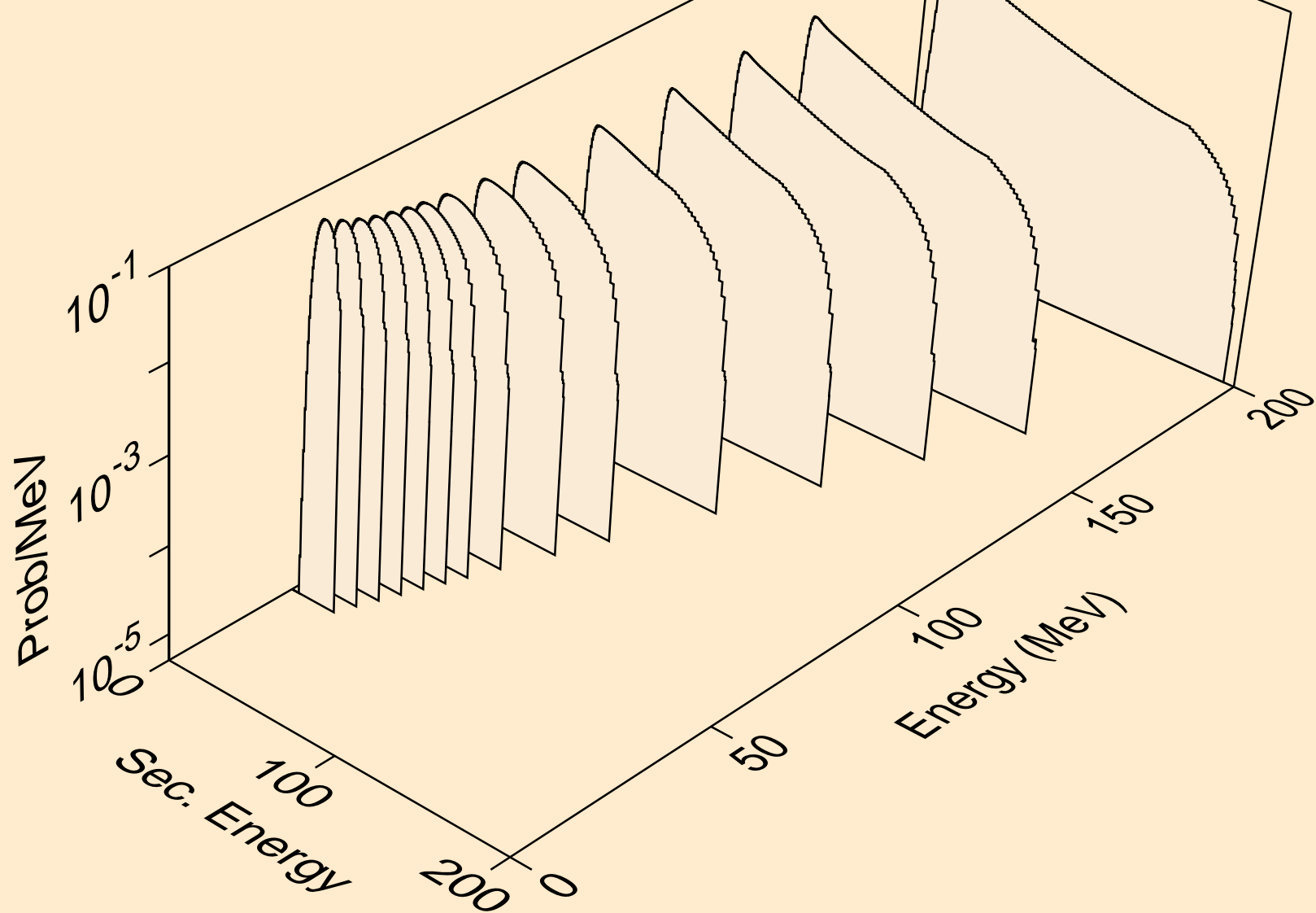


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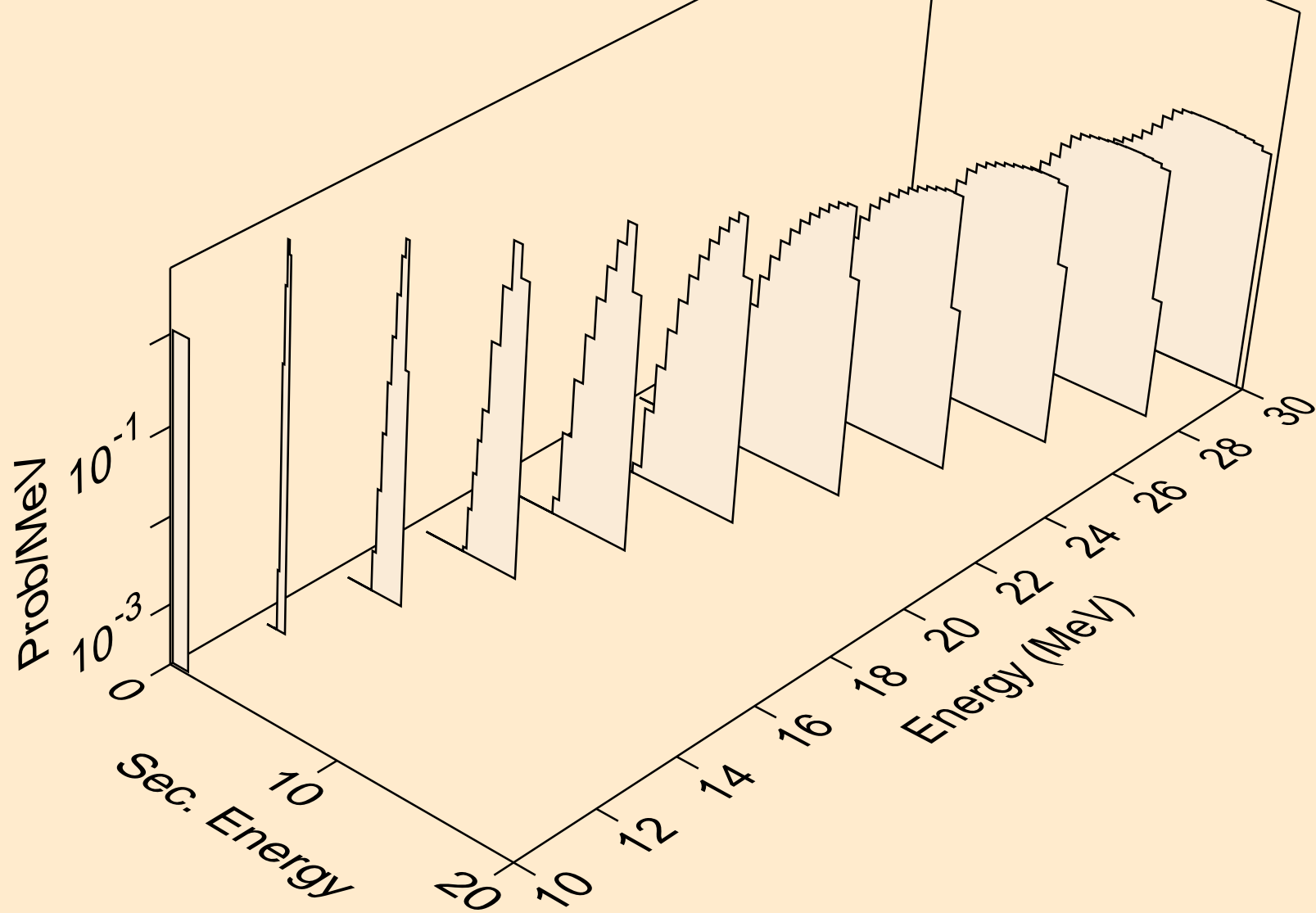
## Particle production cross sections



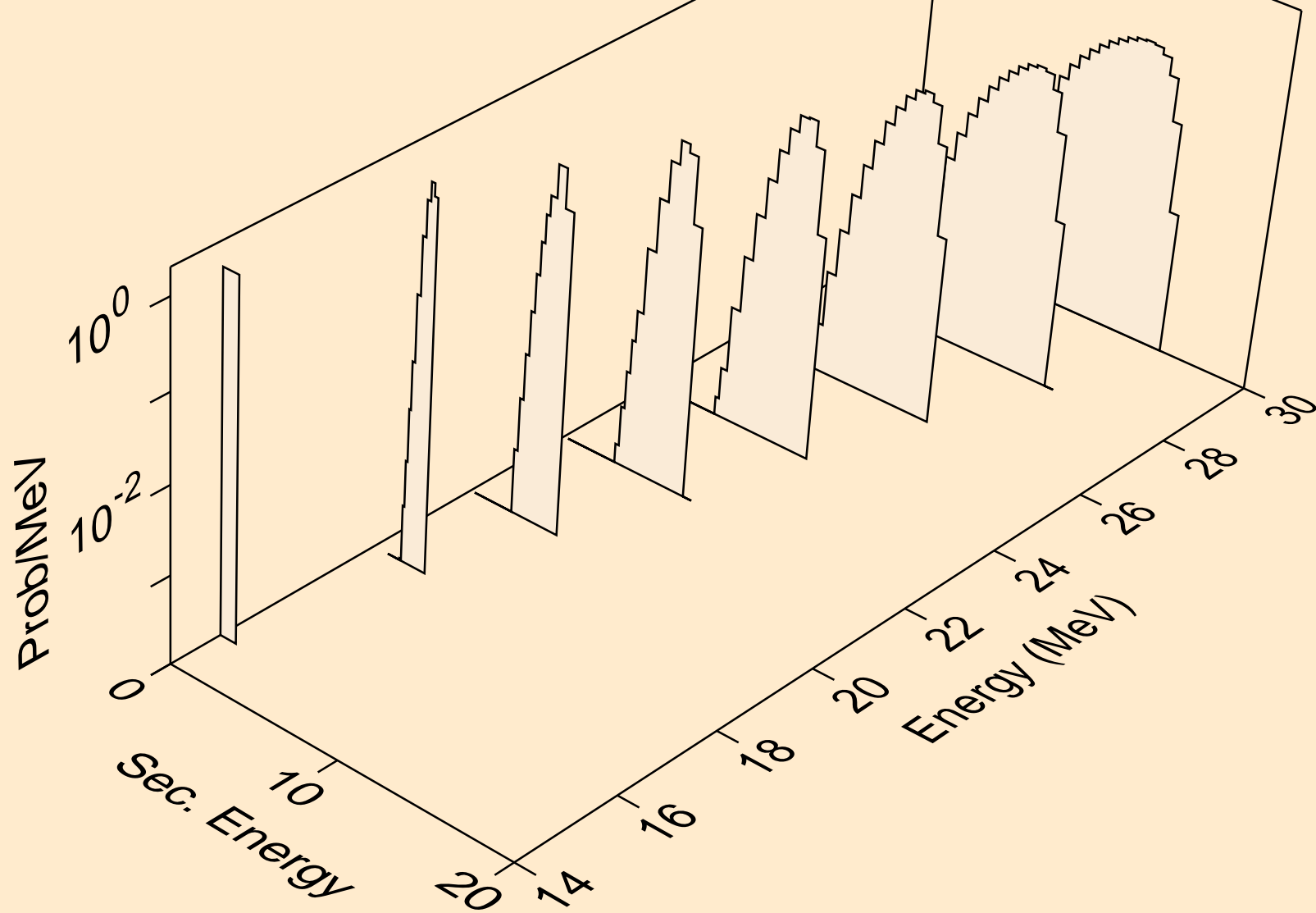
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



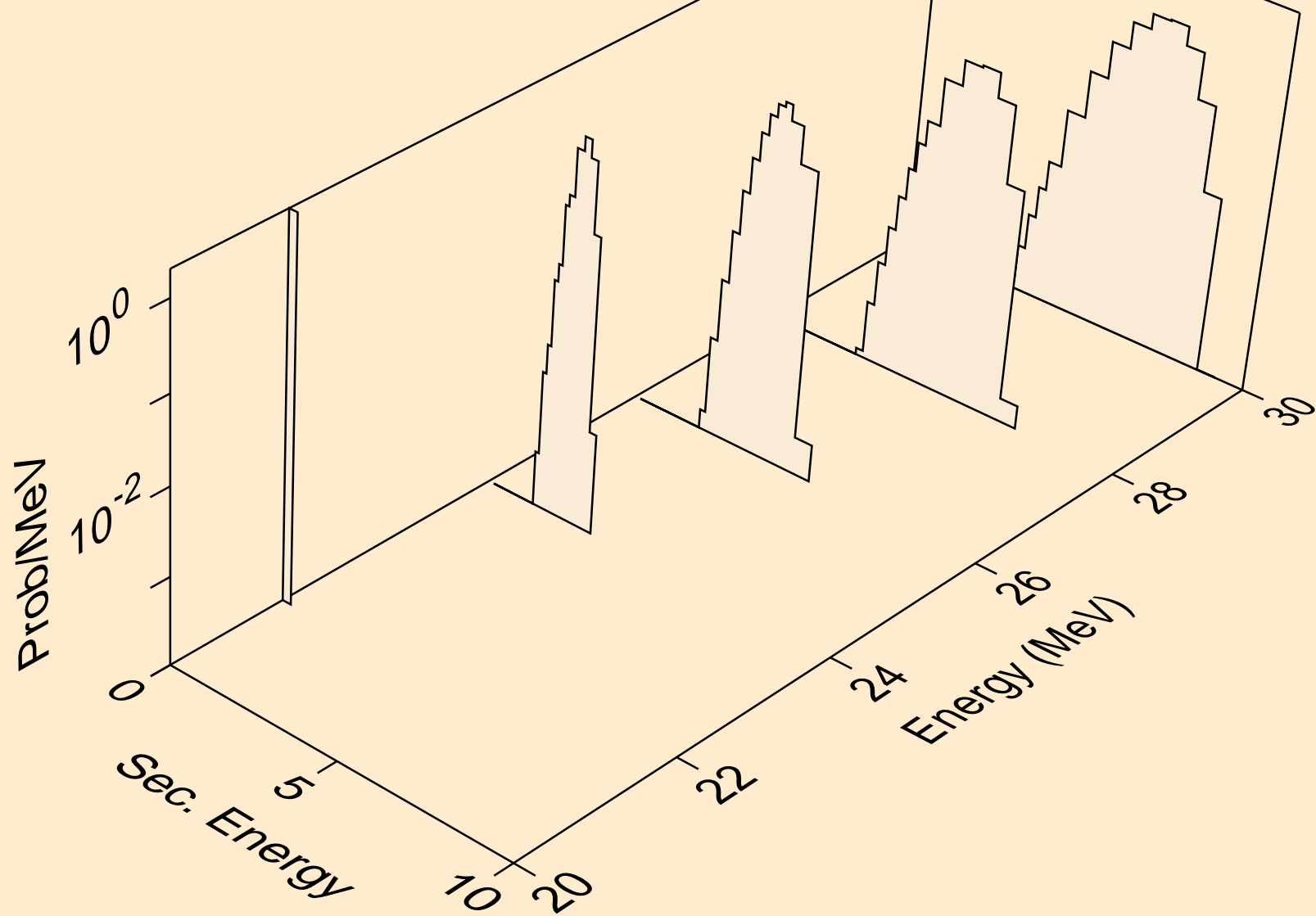
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)

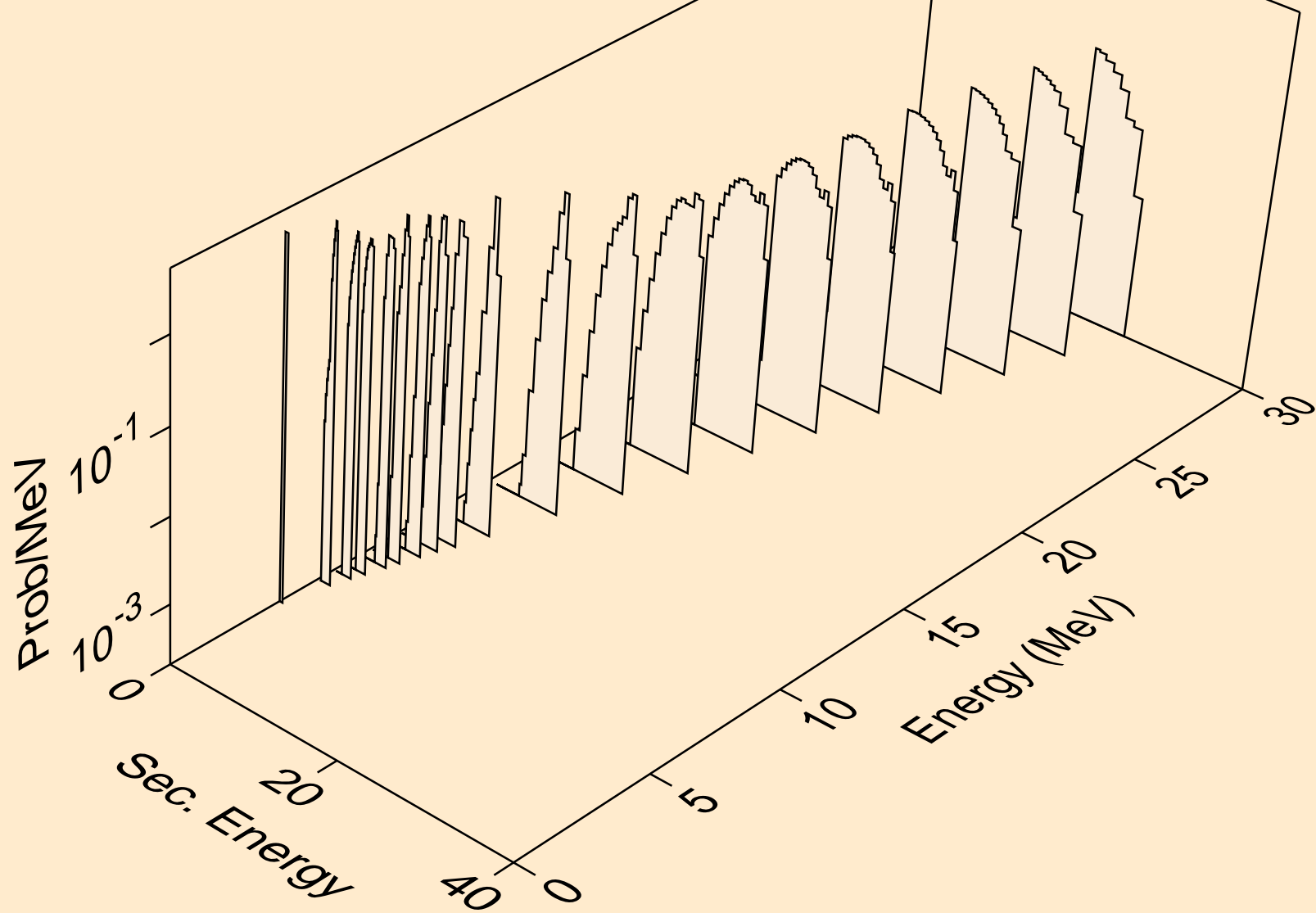


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protons from (n,3np)

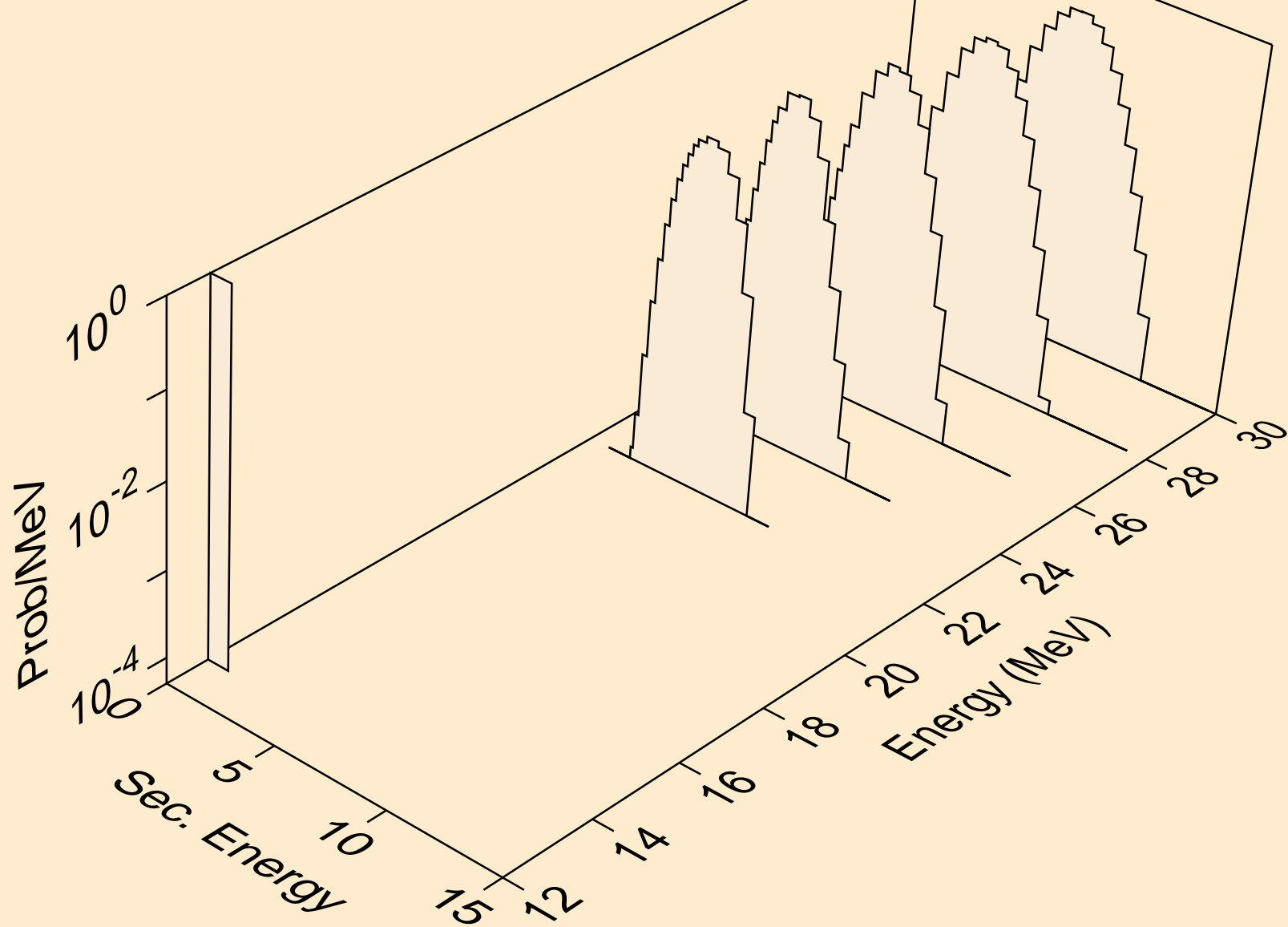




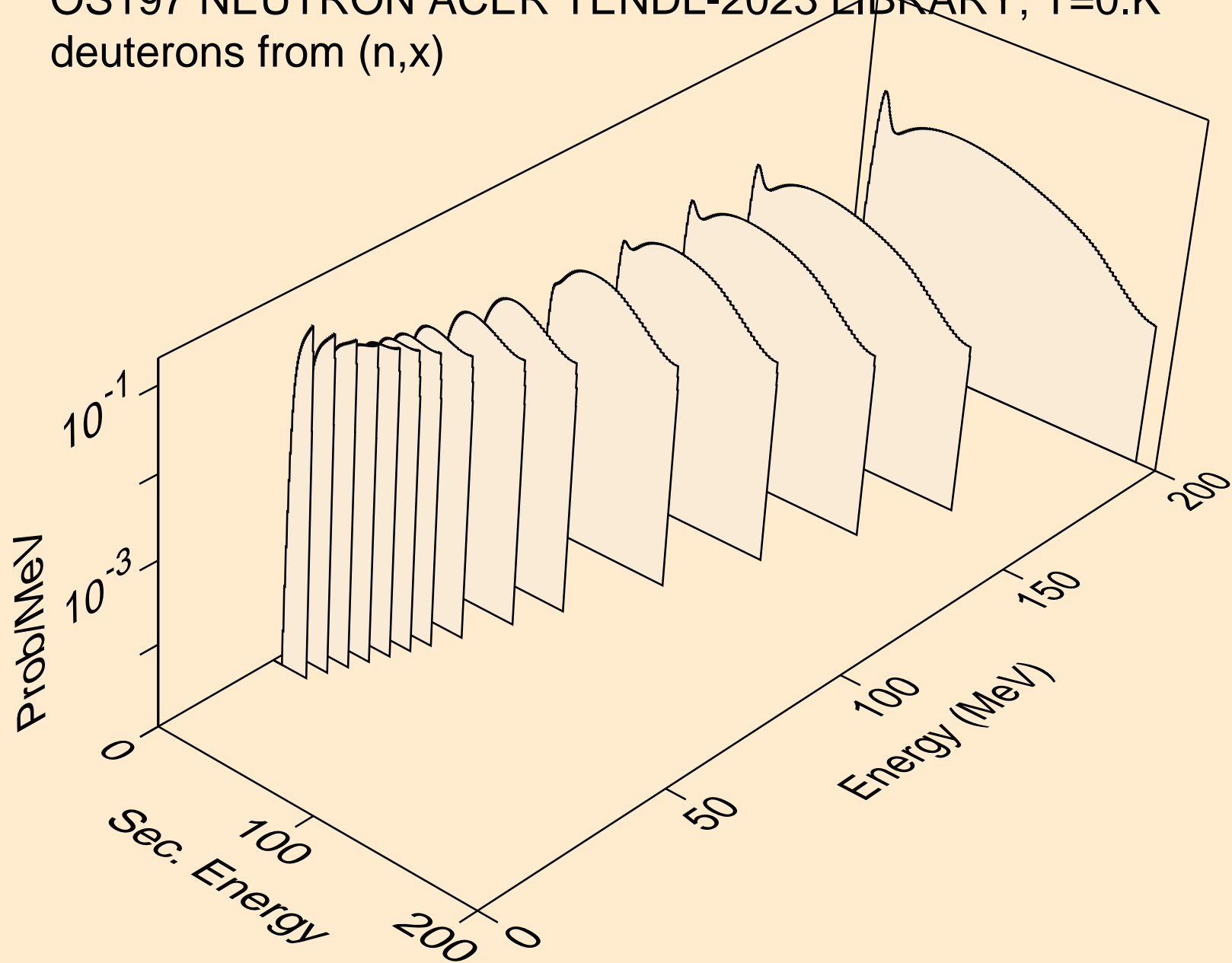
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protons from (n,p)



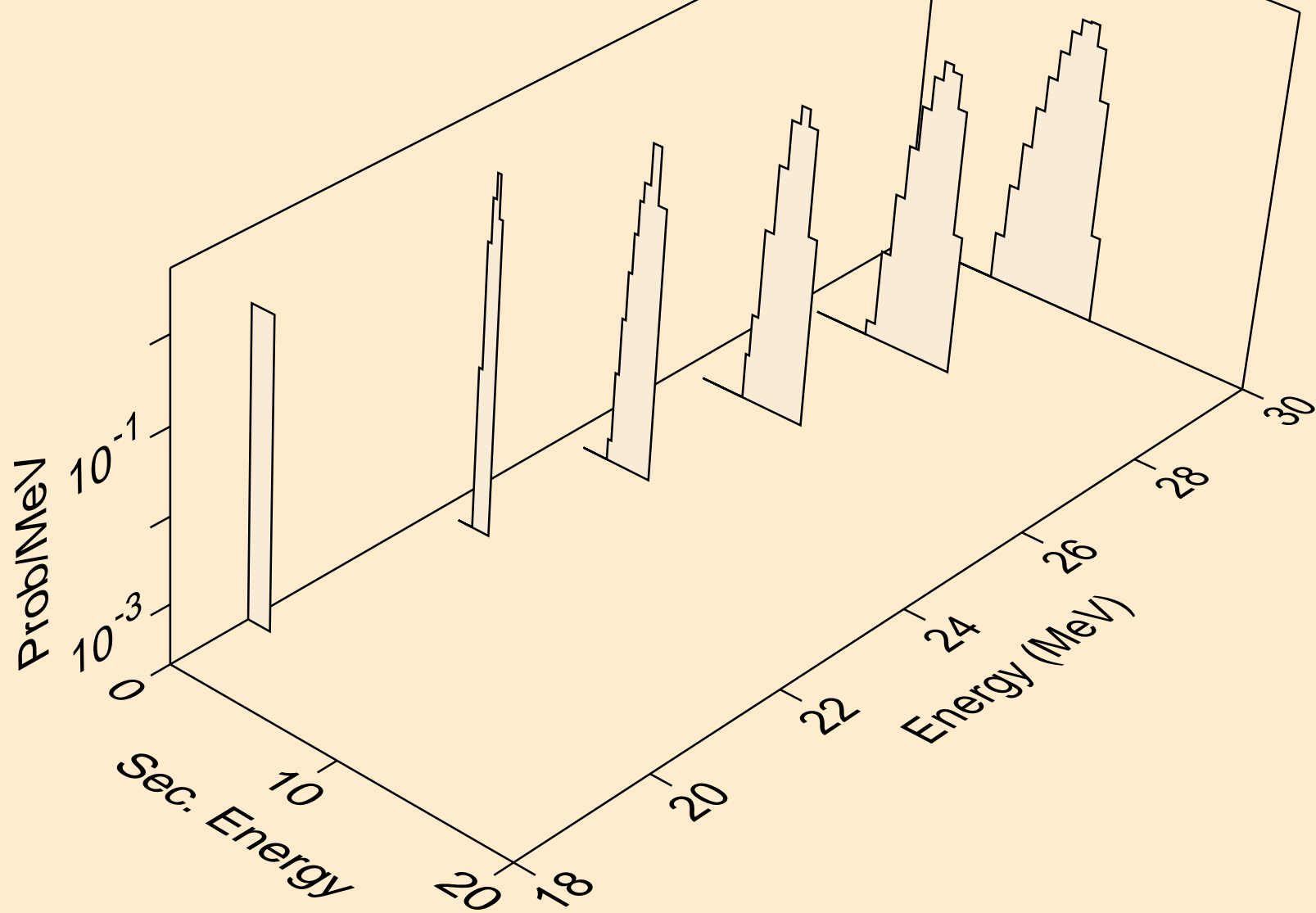
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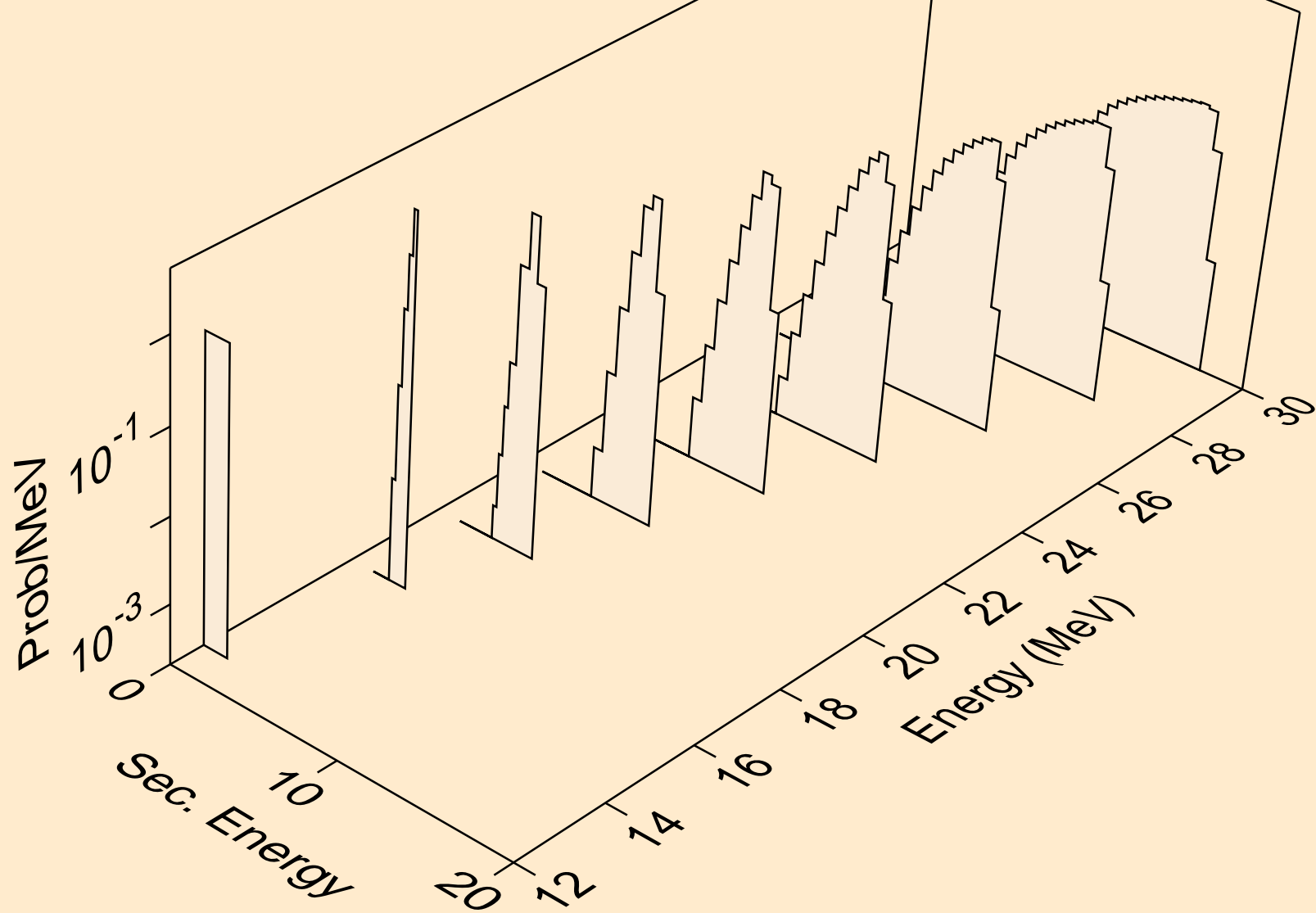
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deuterons from (n,x)



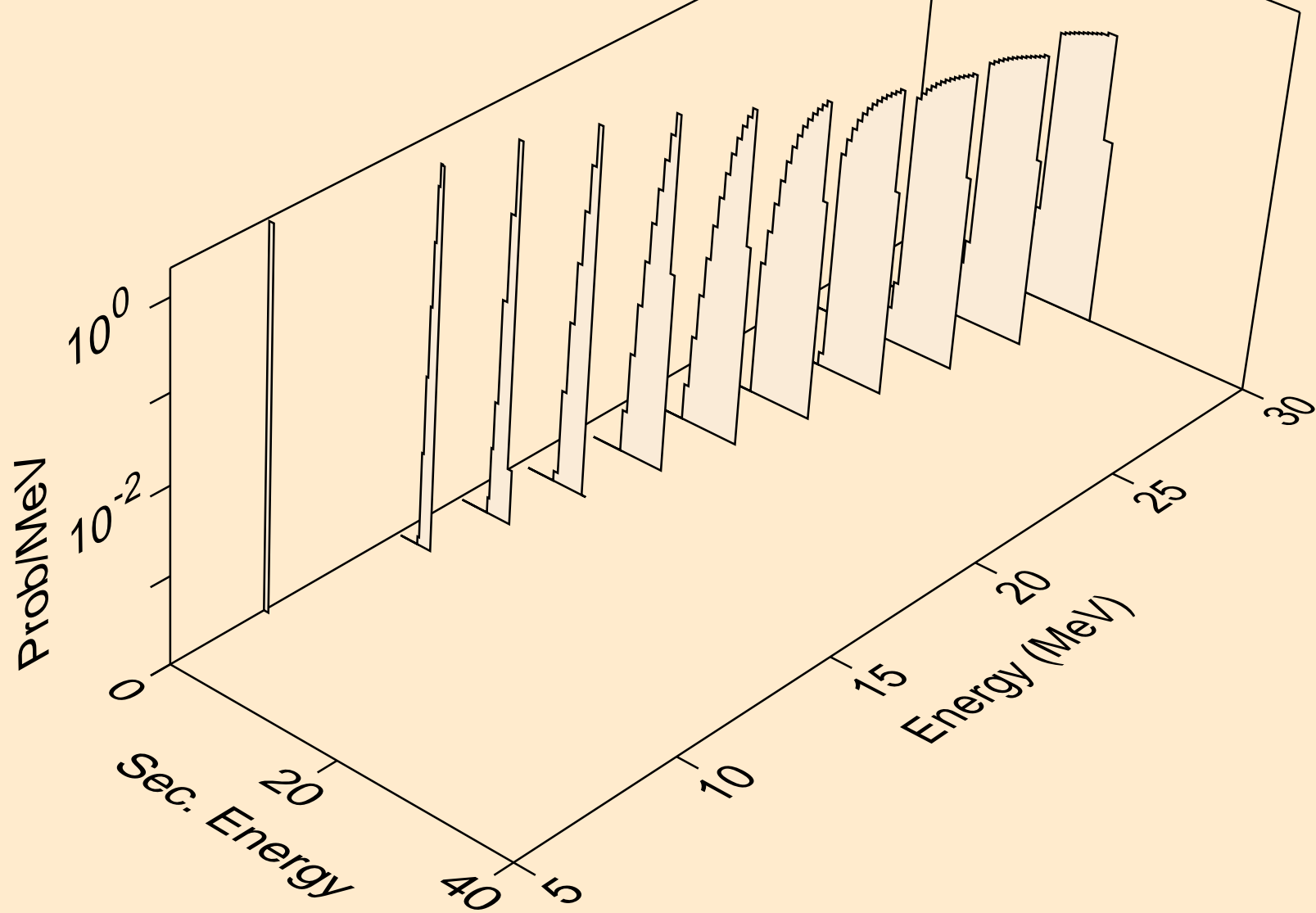
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deuterons from (n,2nd)



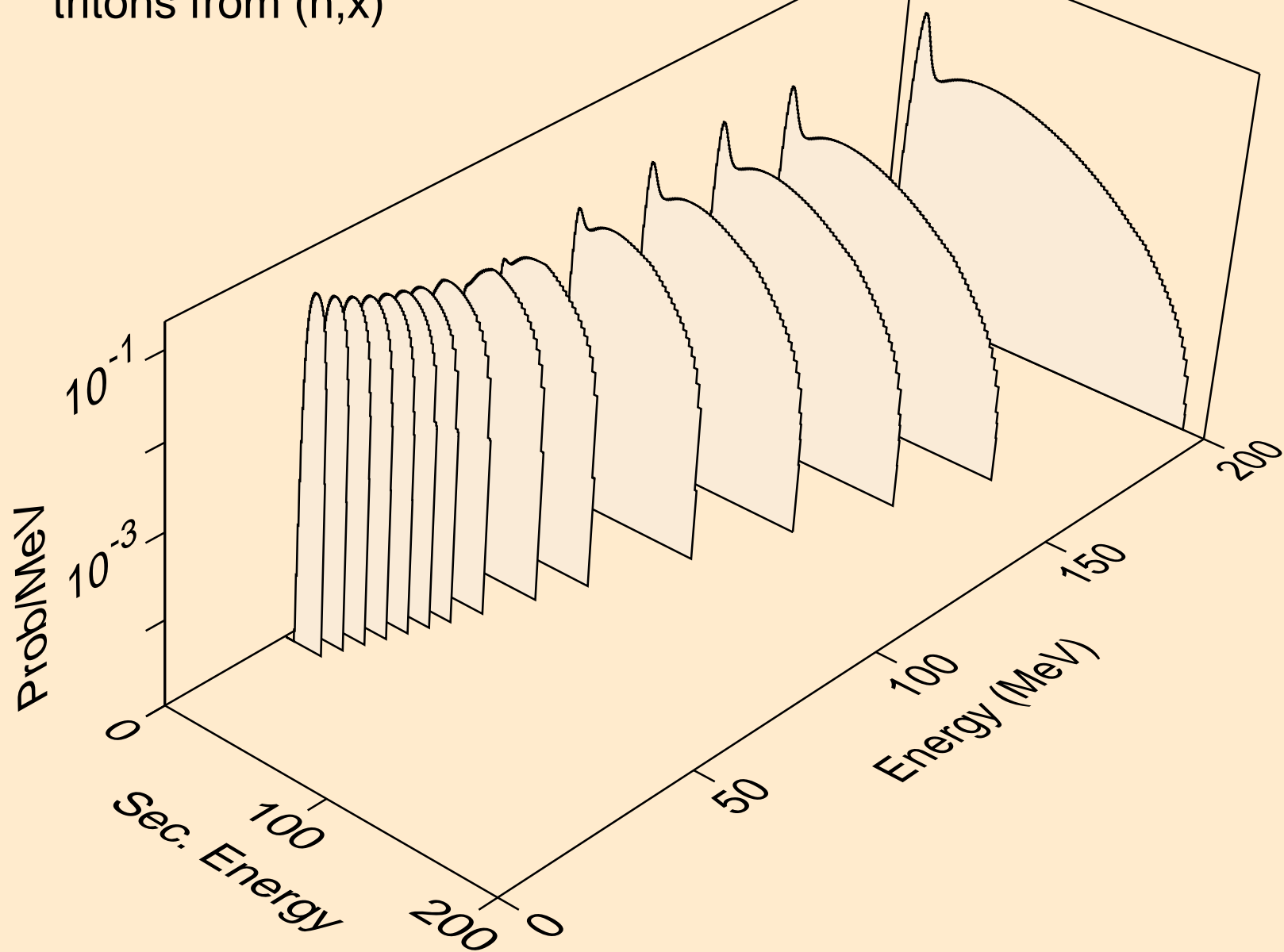
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deuterons from (n,n\*)d



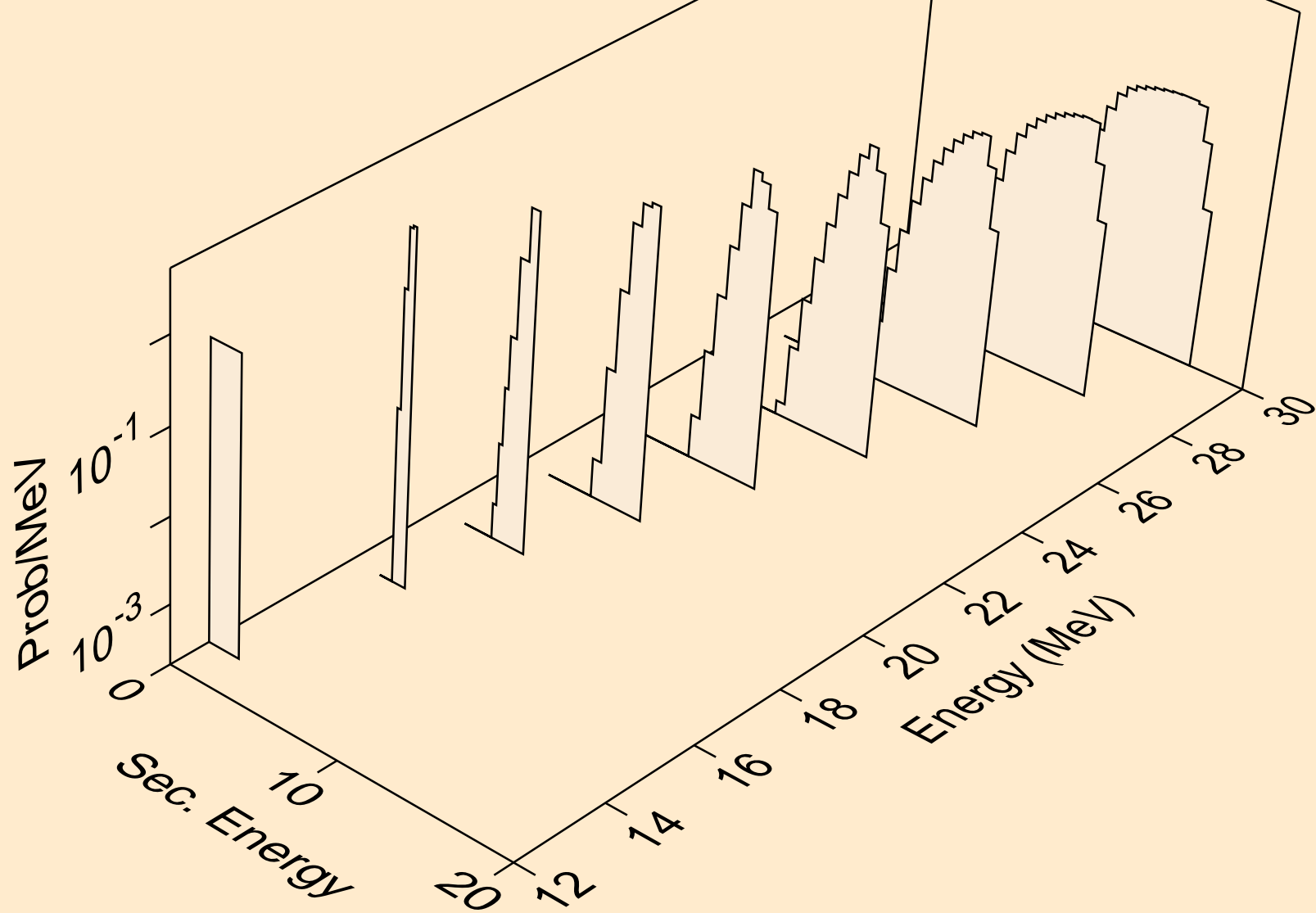
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deuterons from (n,d)



OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)

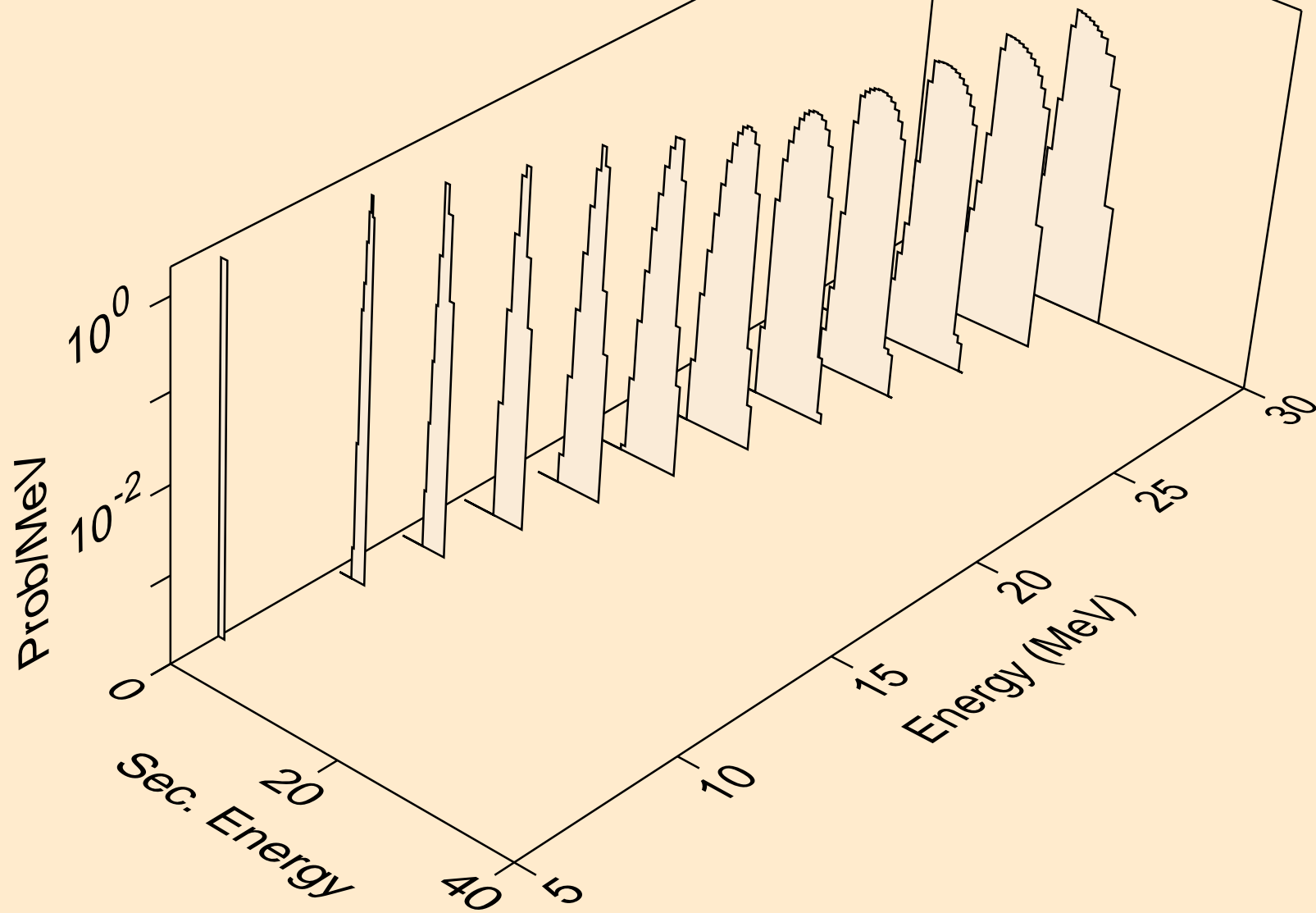


OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t

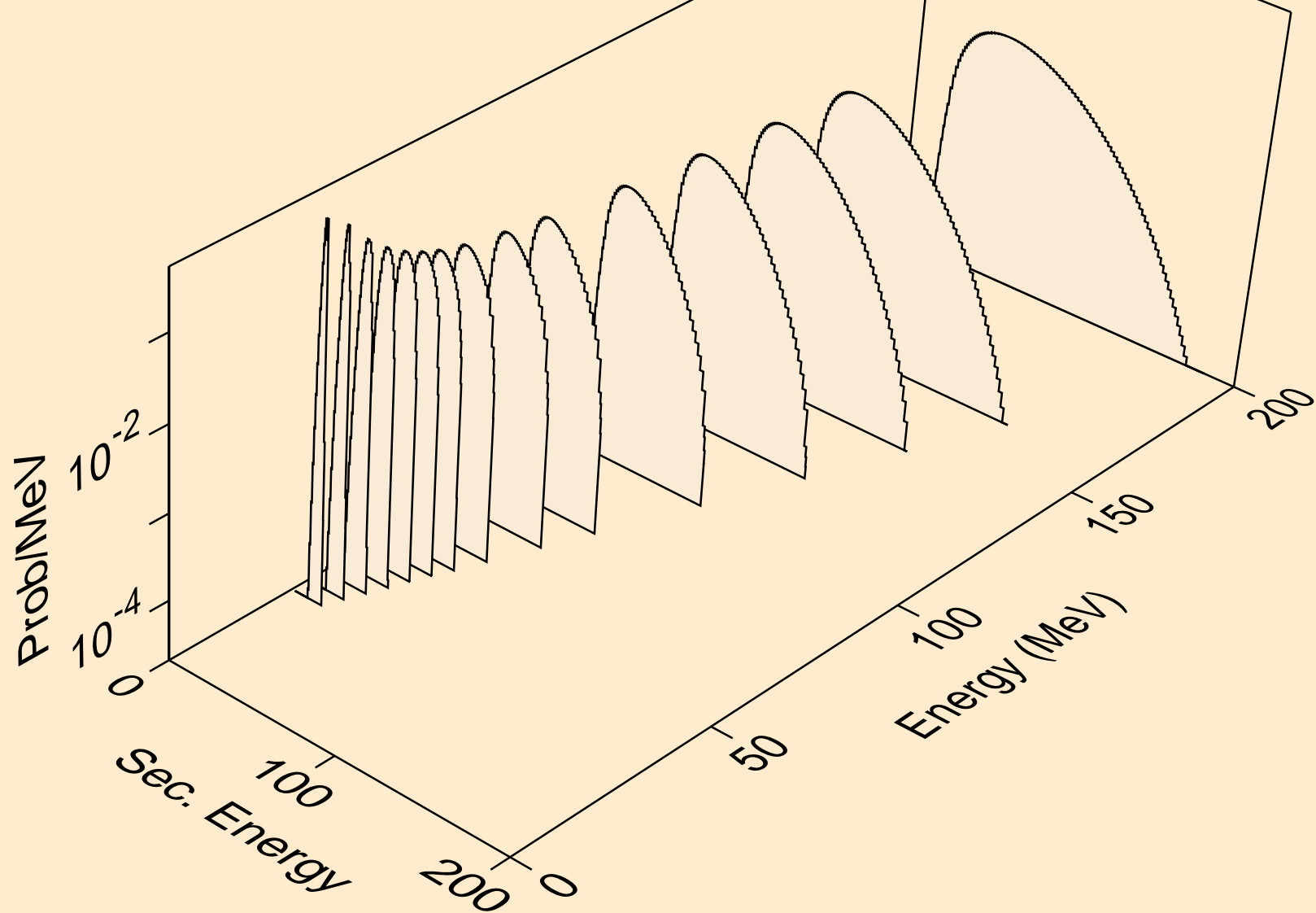




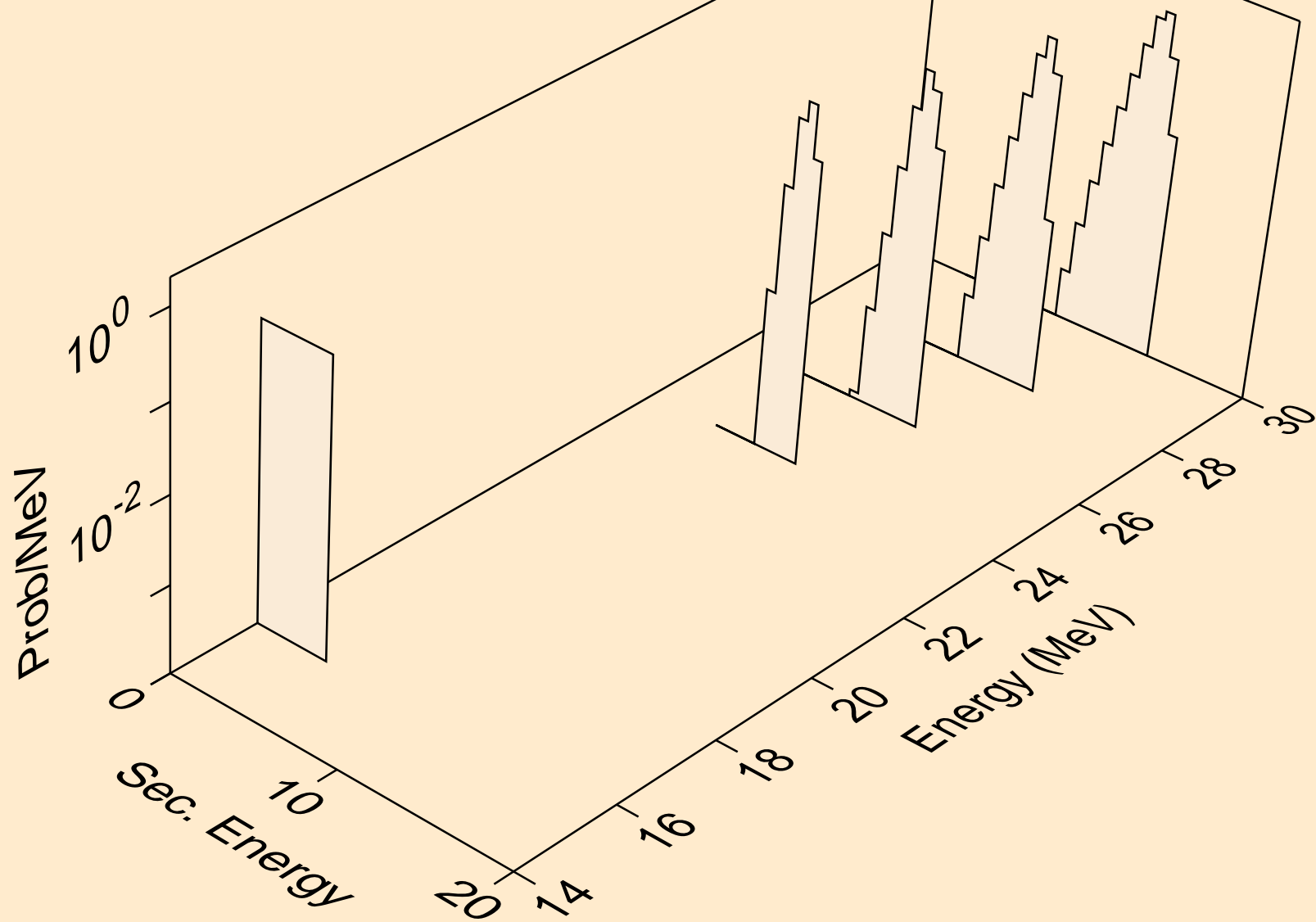
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tritons from (n,t)



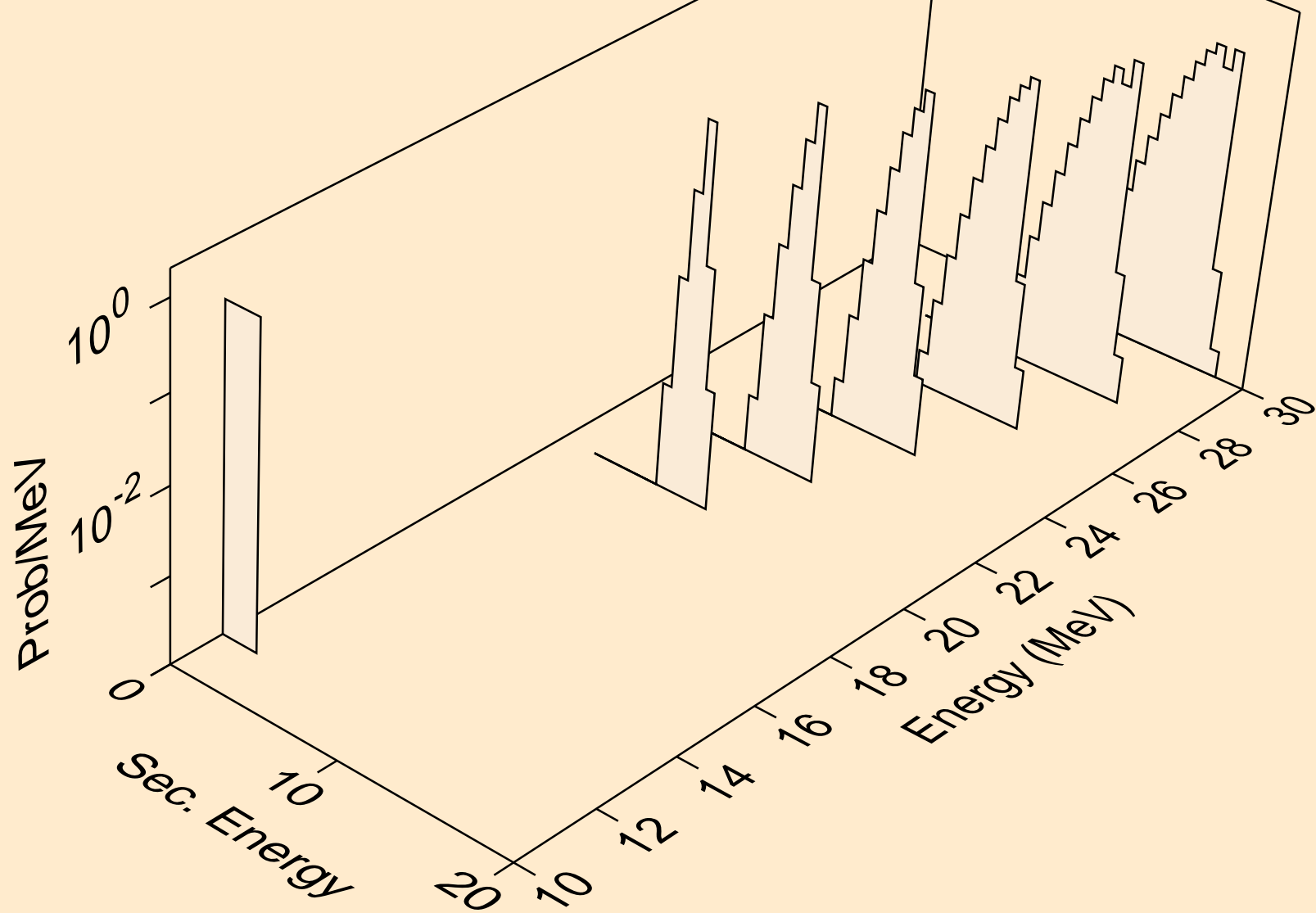
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he3s from (n,x)



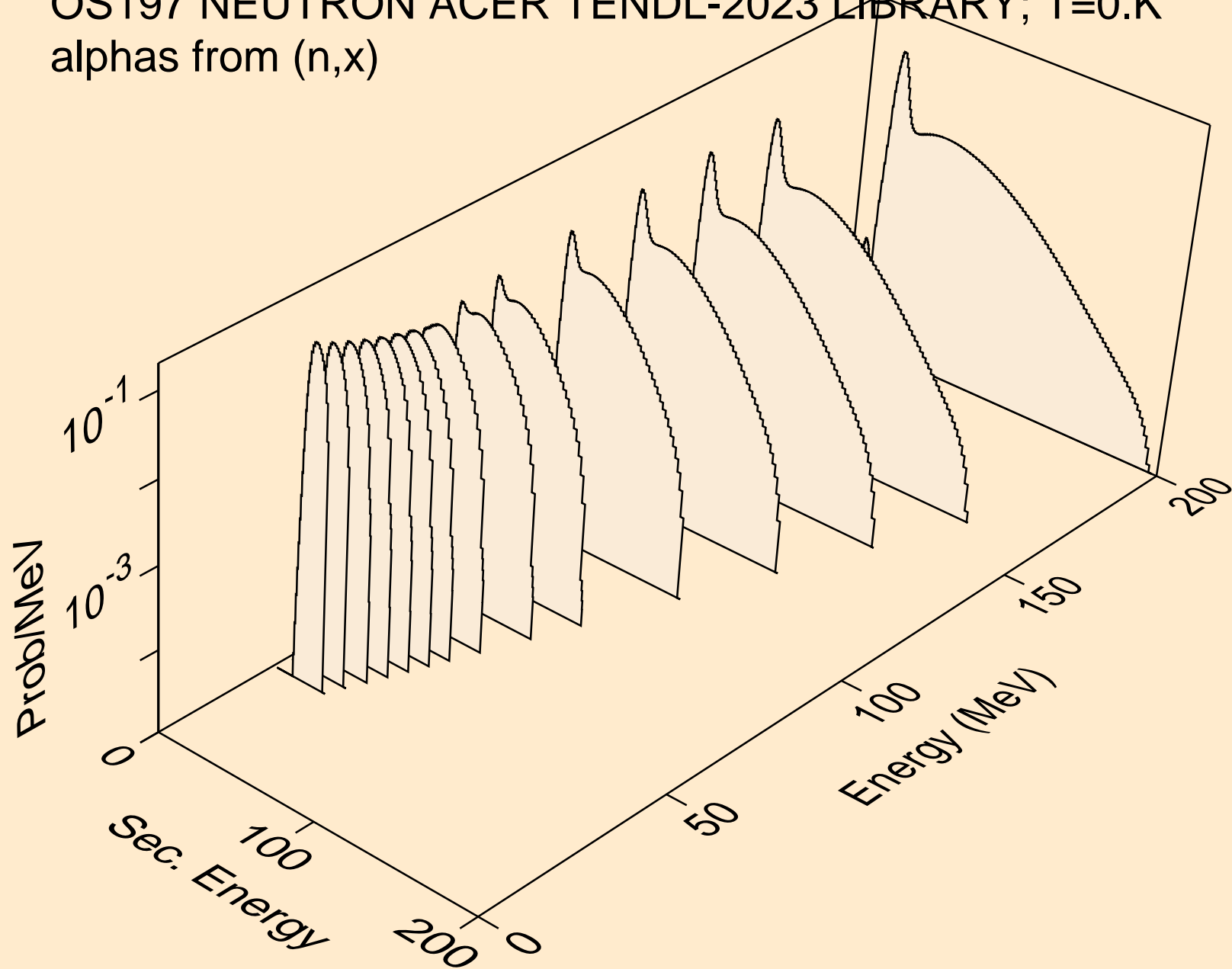
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he3s from (n,n\*)he3



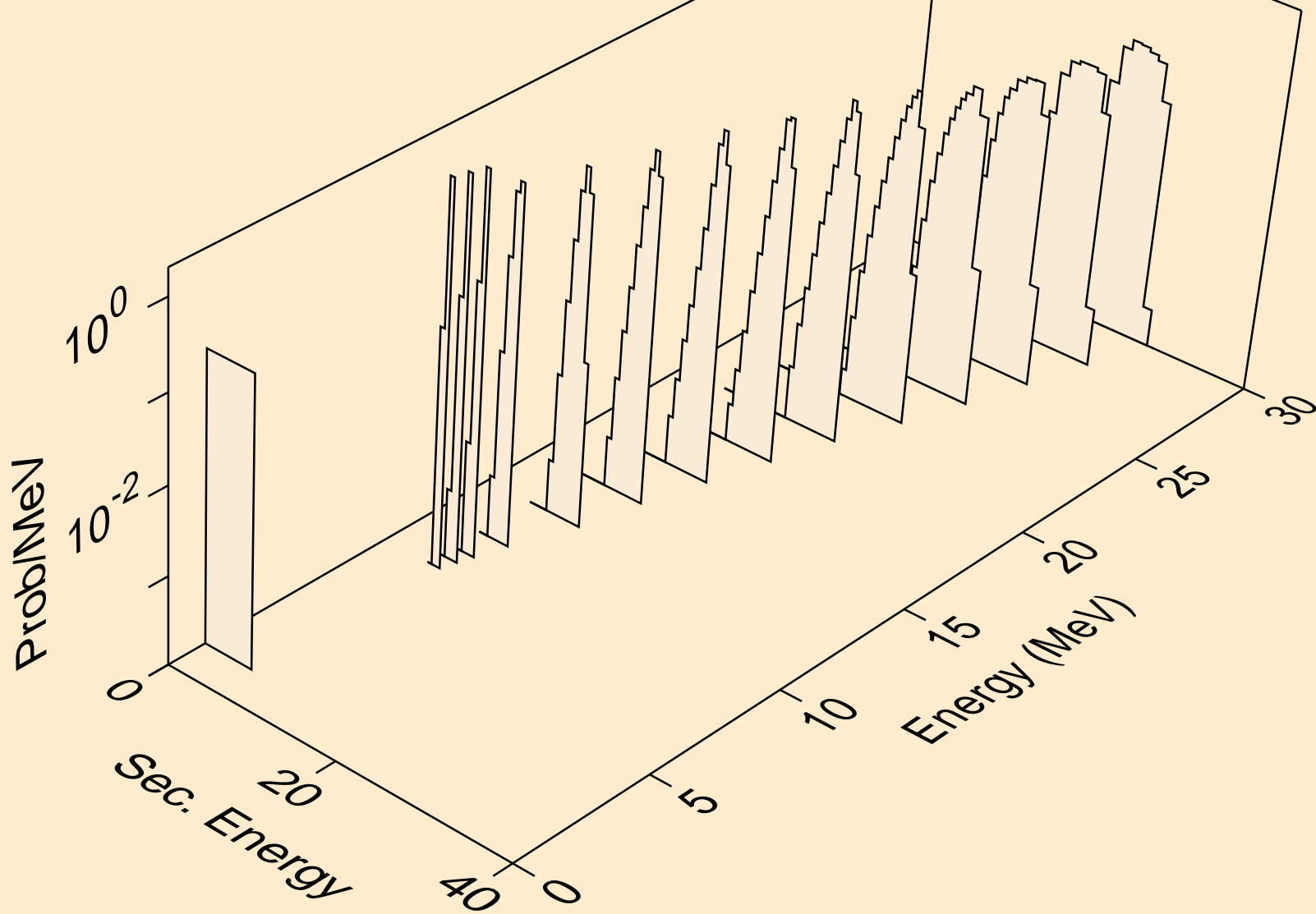
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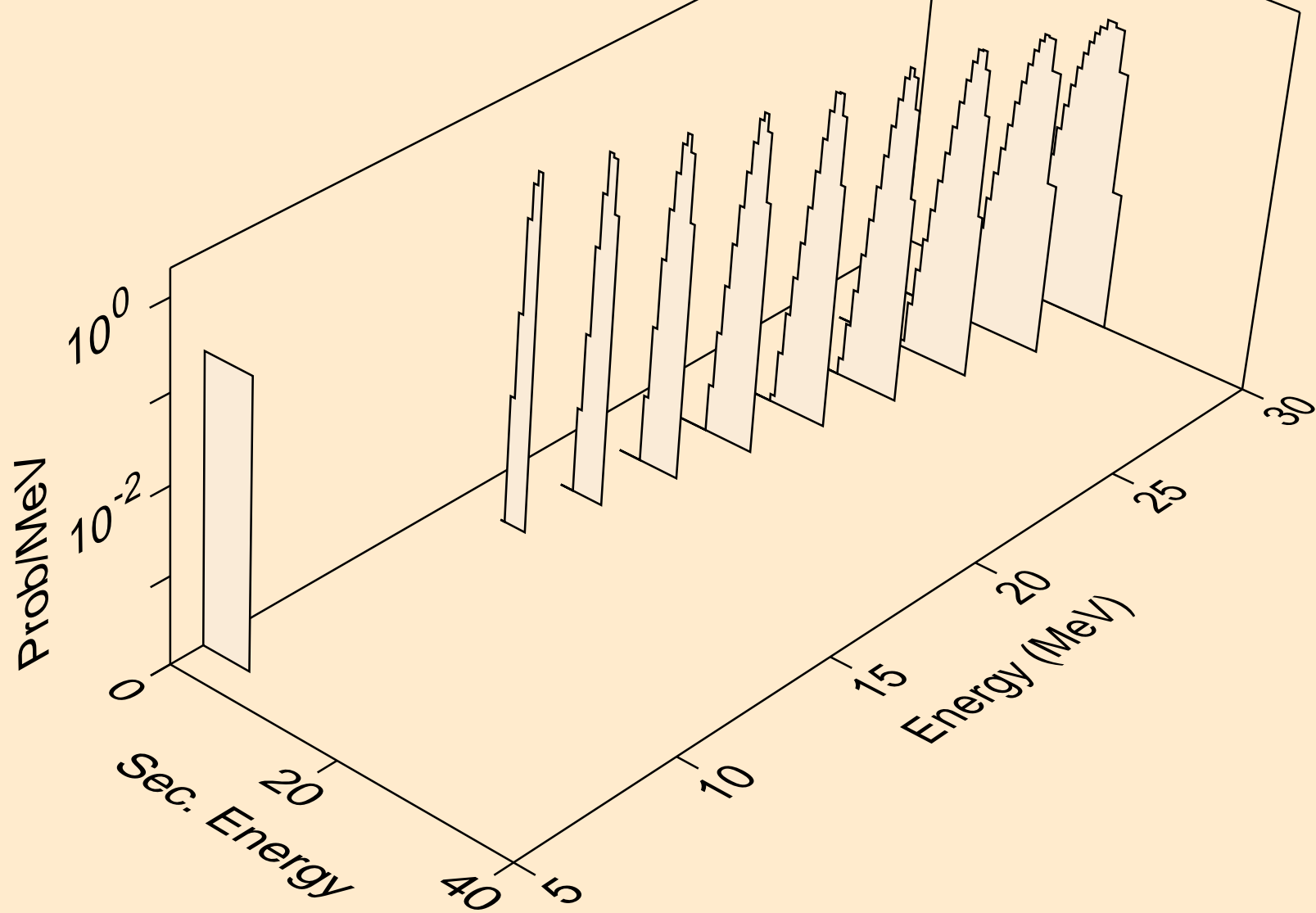
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alphas from (n,x)



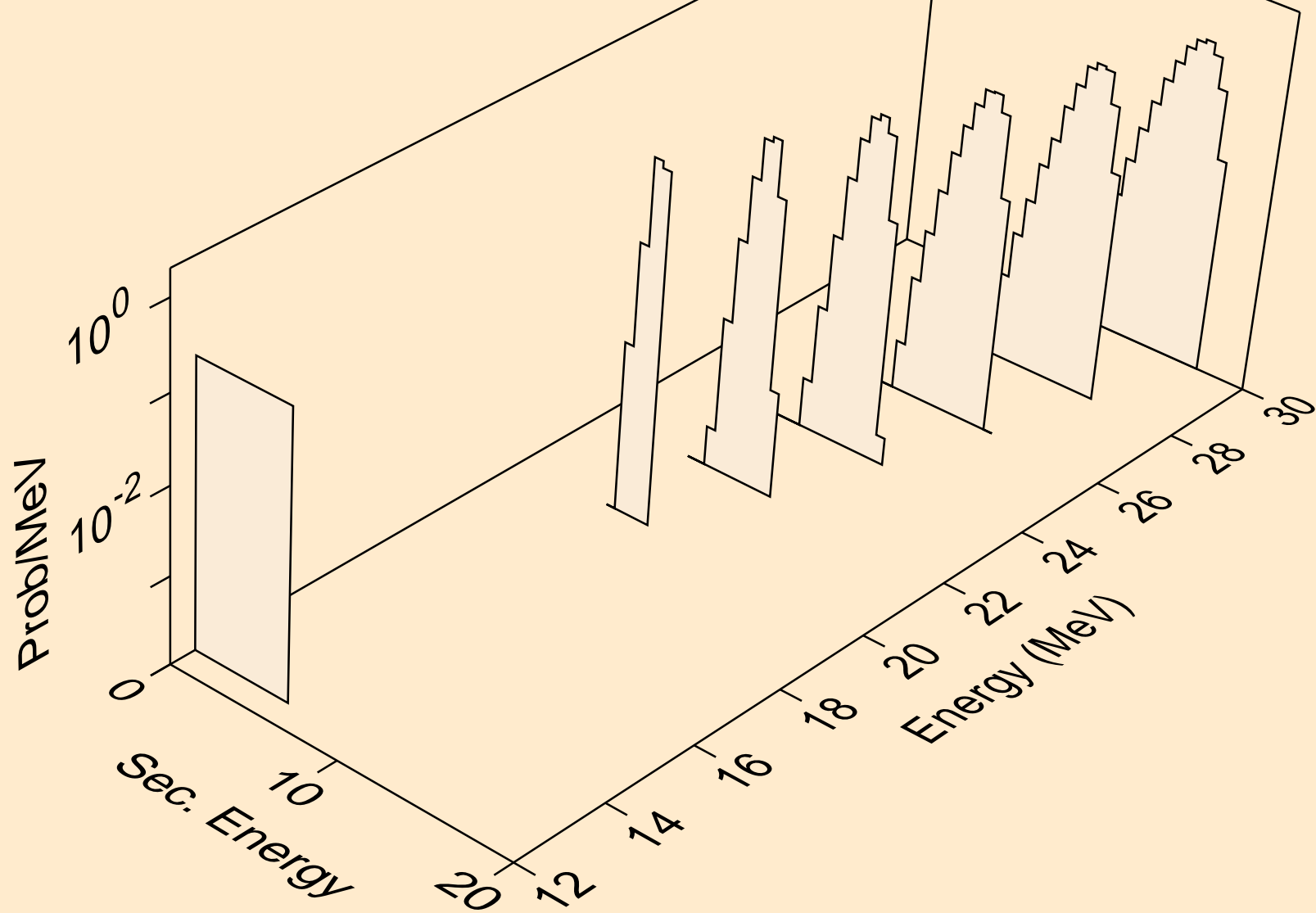
OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a





OS197 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

