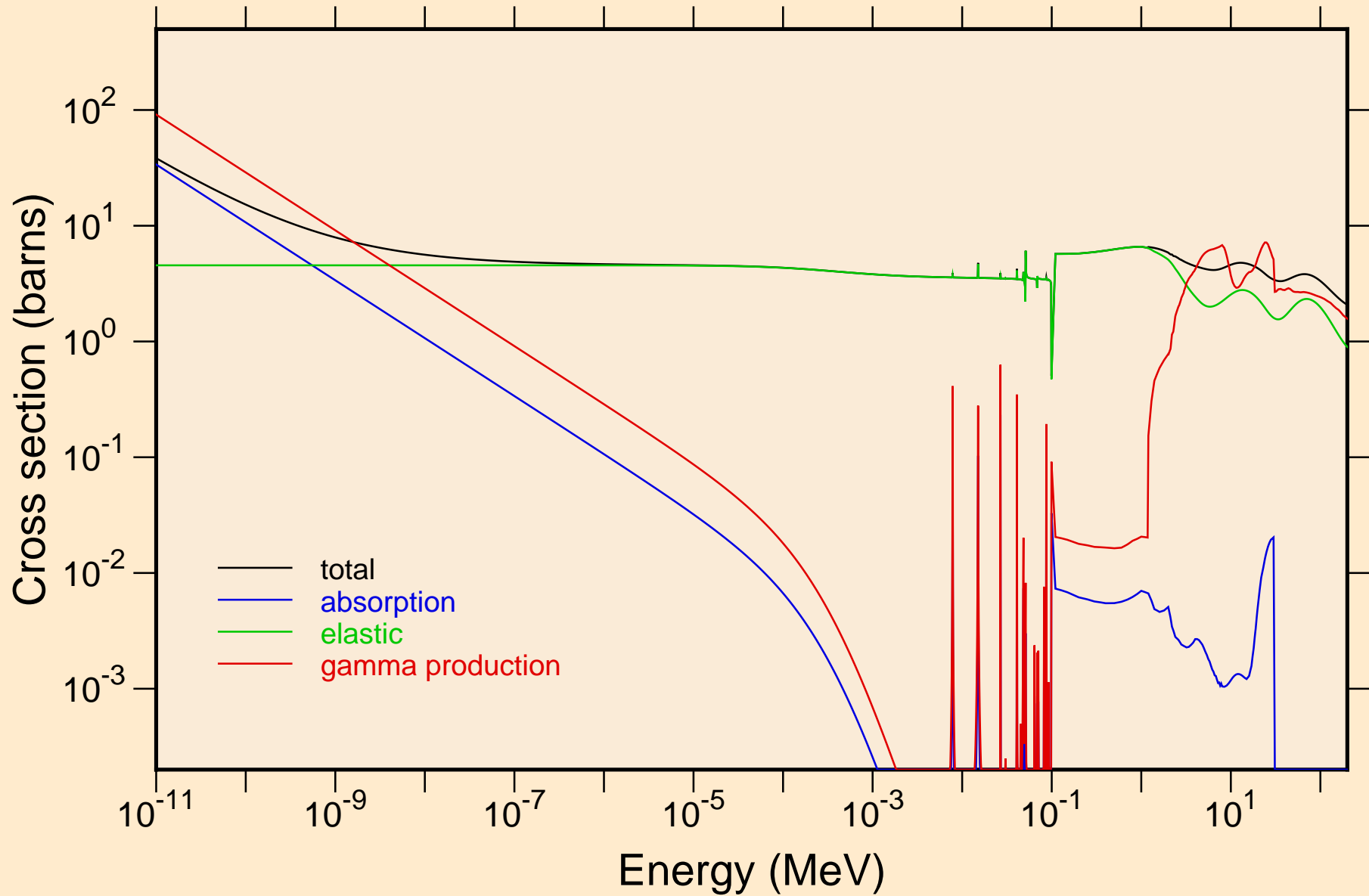
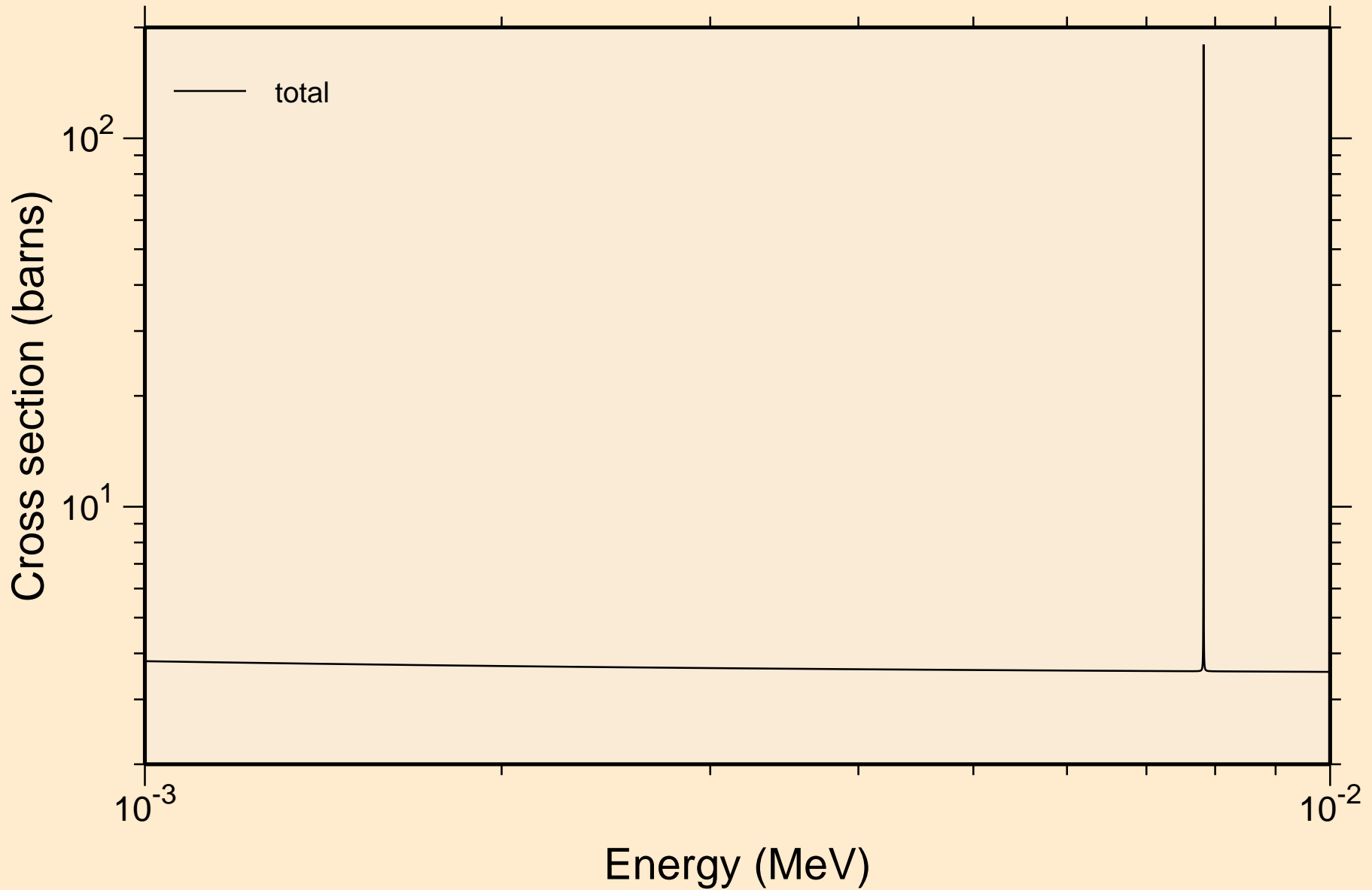


# SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

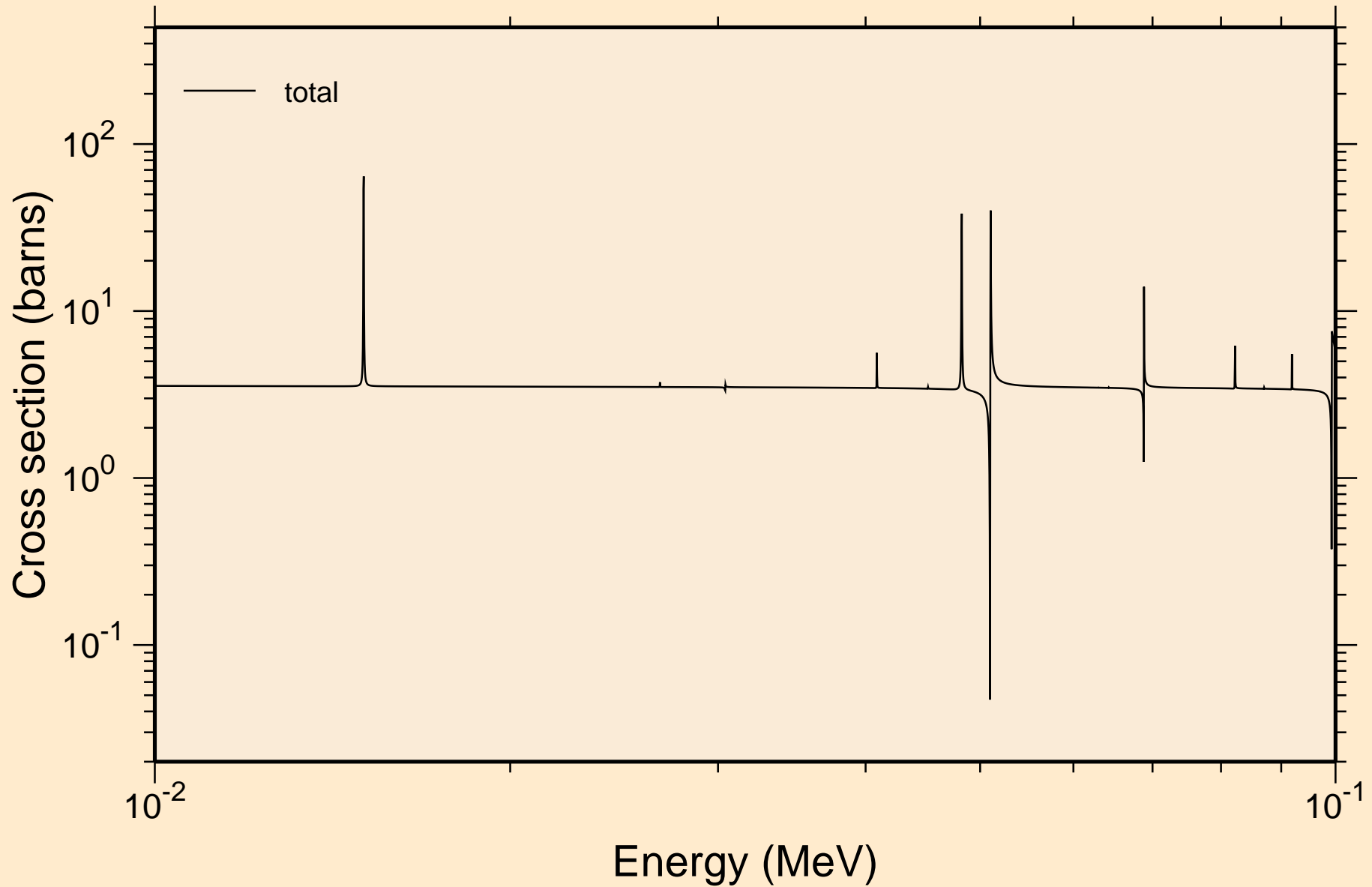
## Principal cross sections



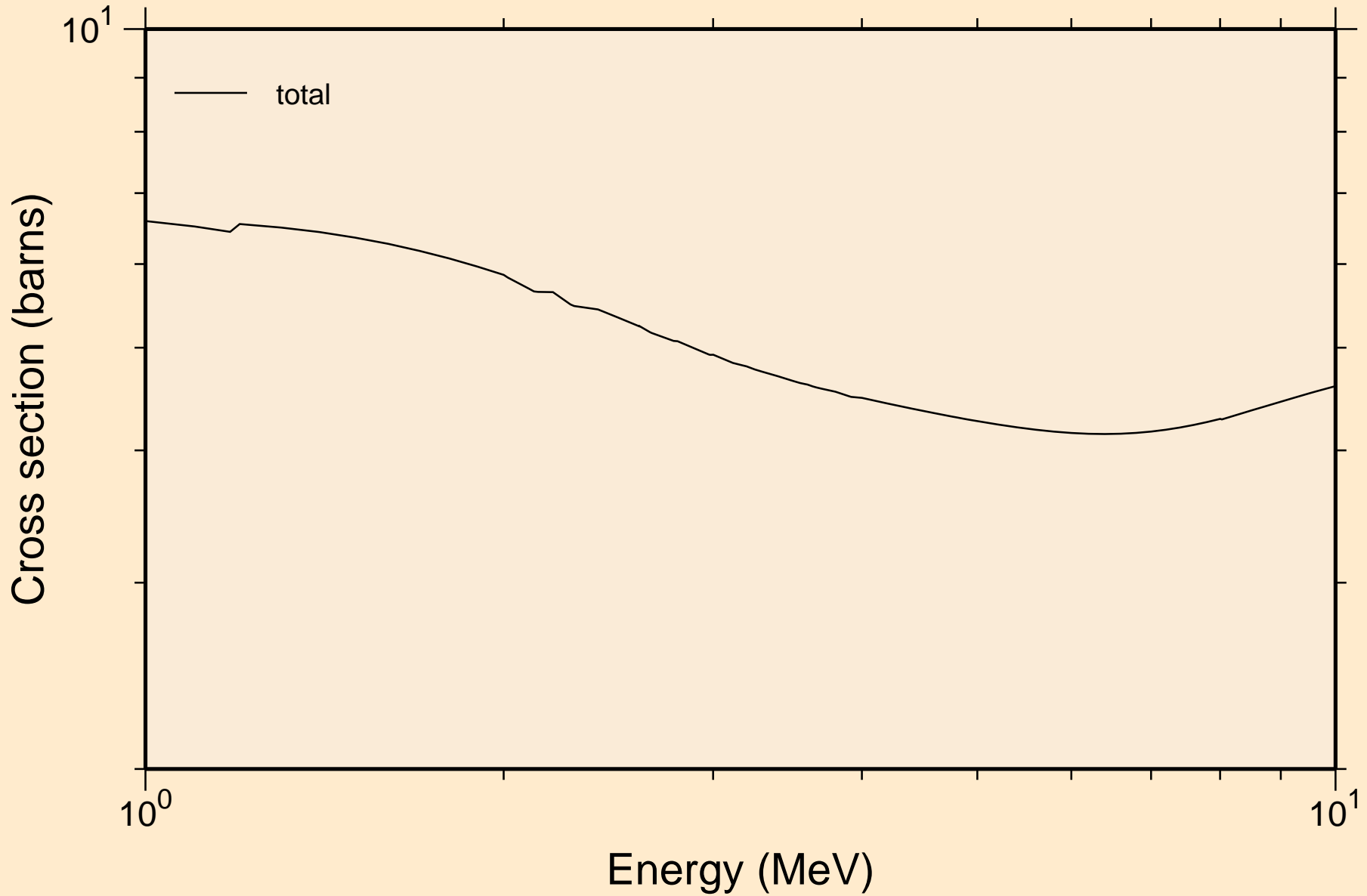
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



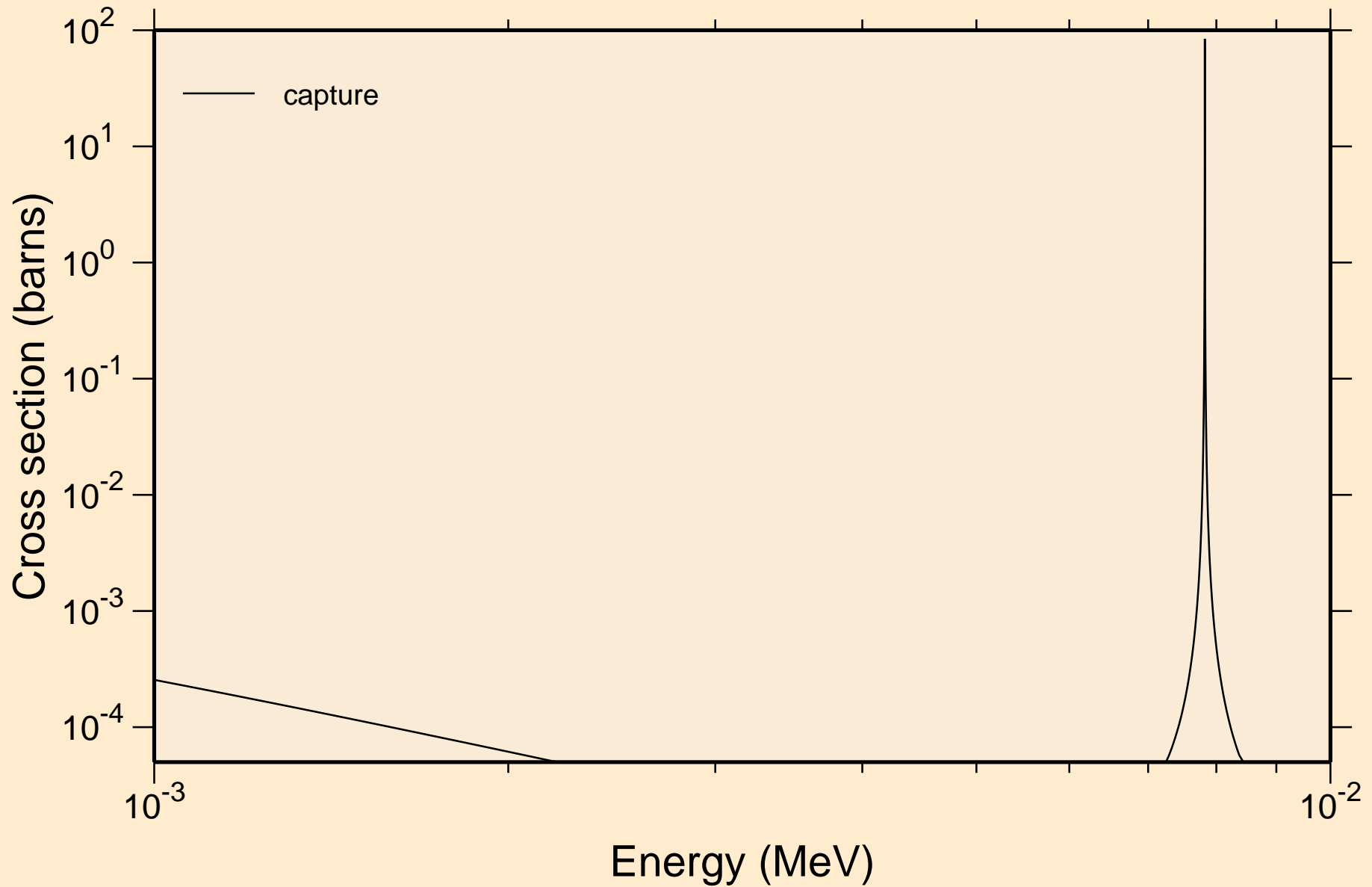
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section

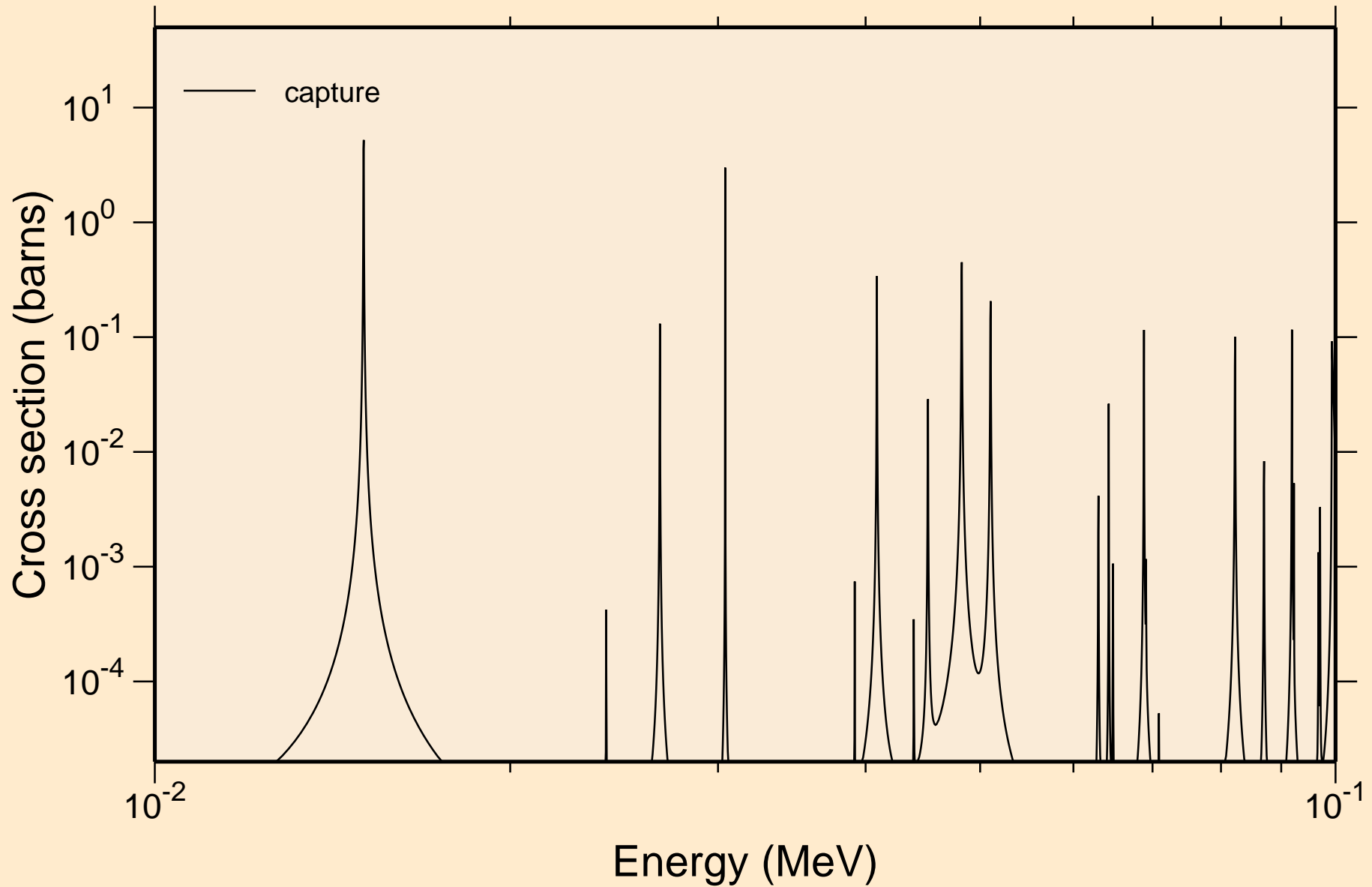


SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

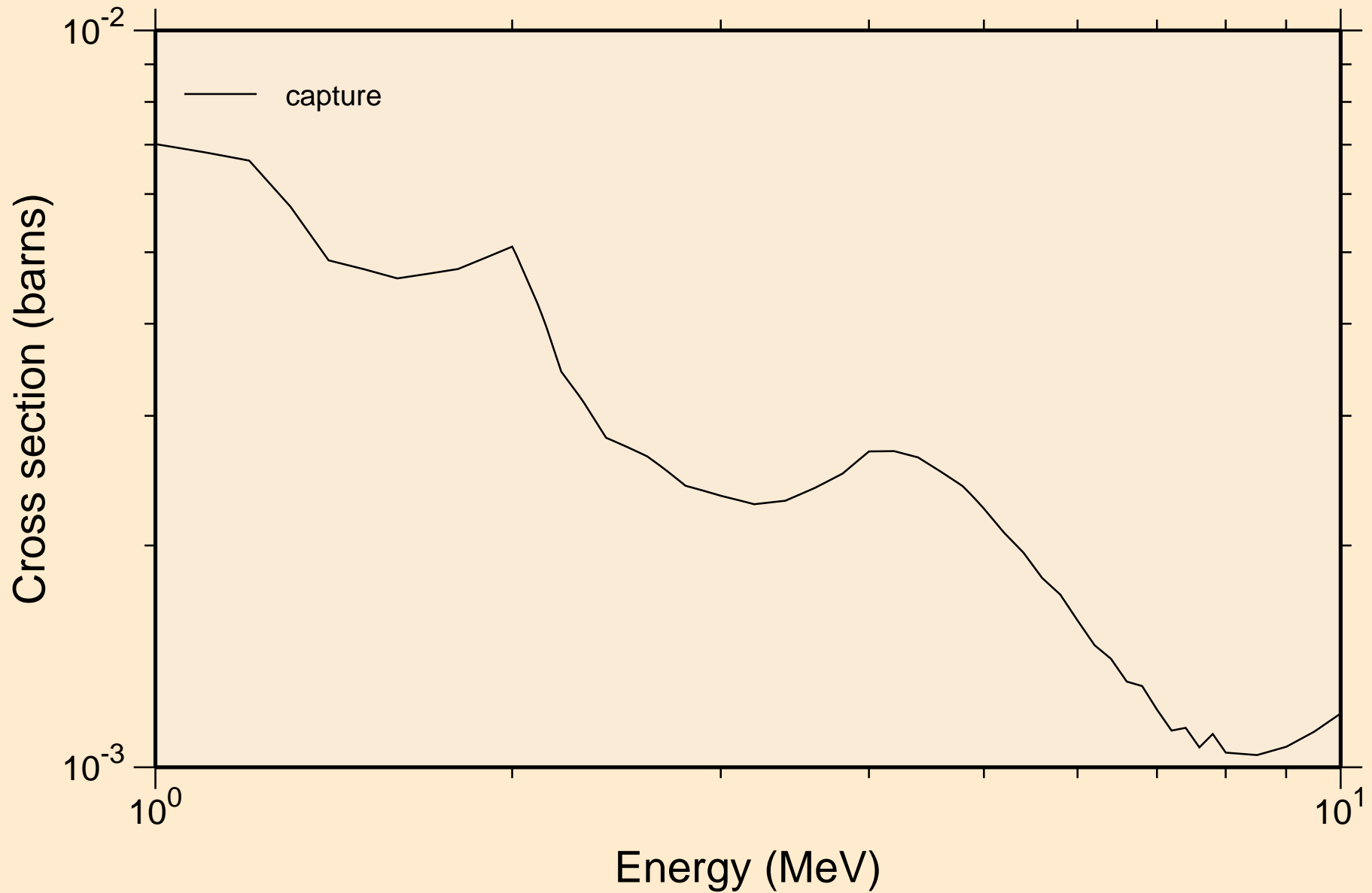


# SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## resonance absorption cross sections

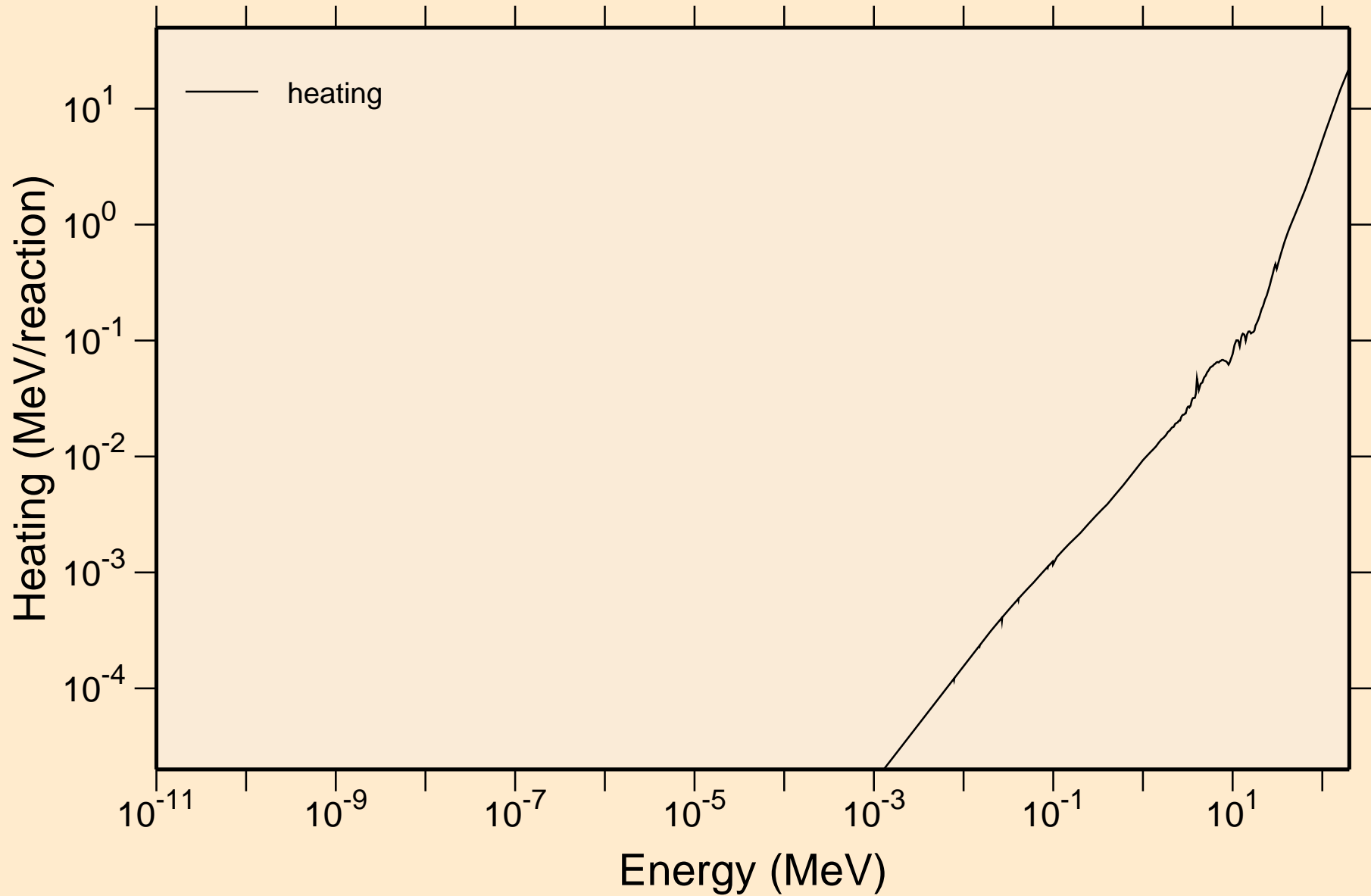


SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



# SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

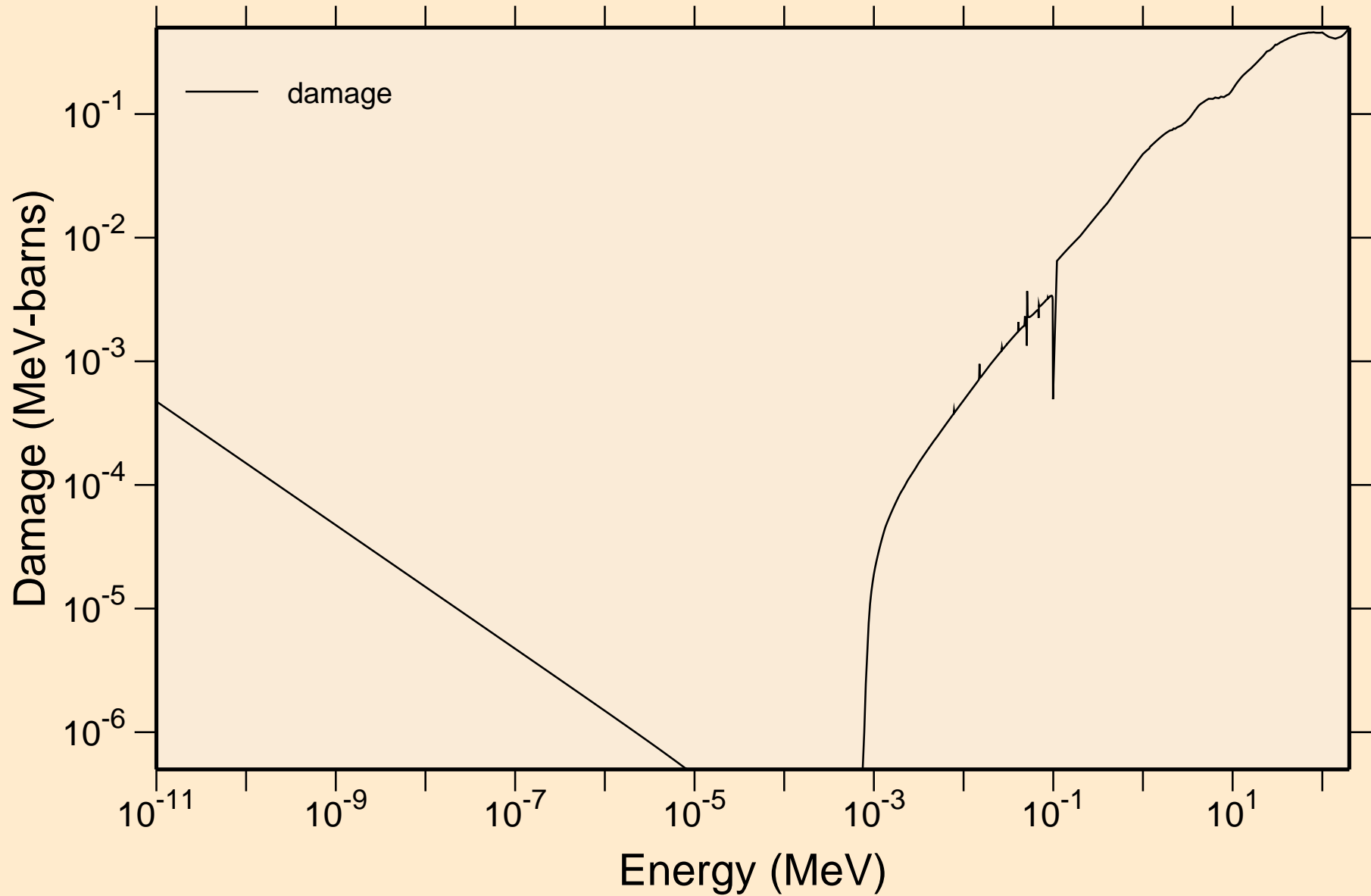
## Heating



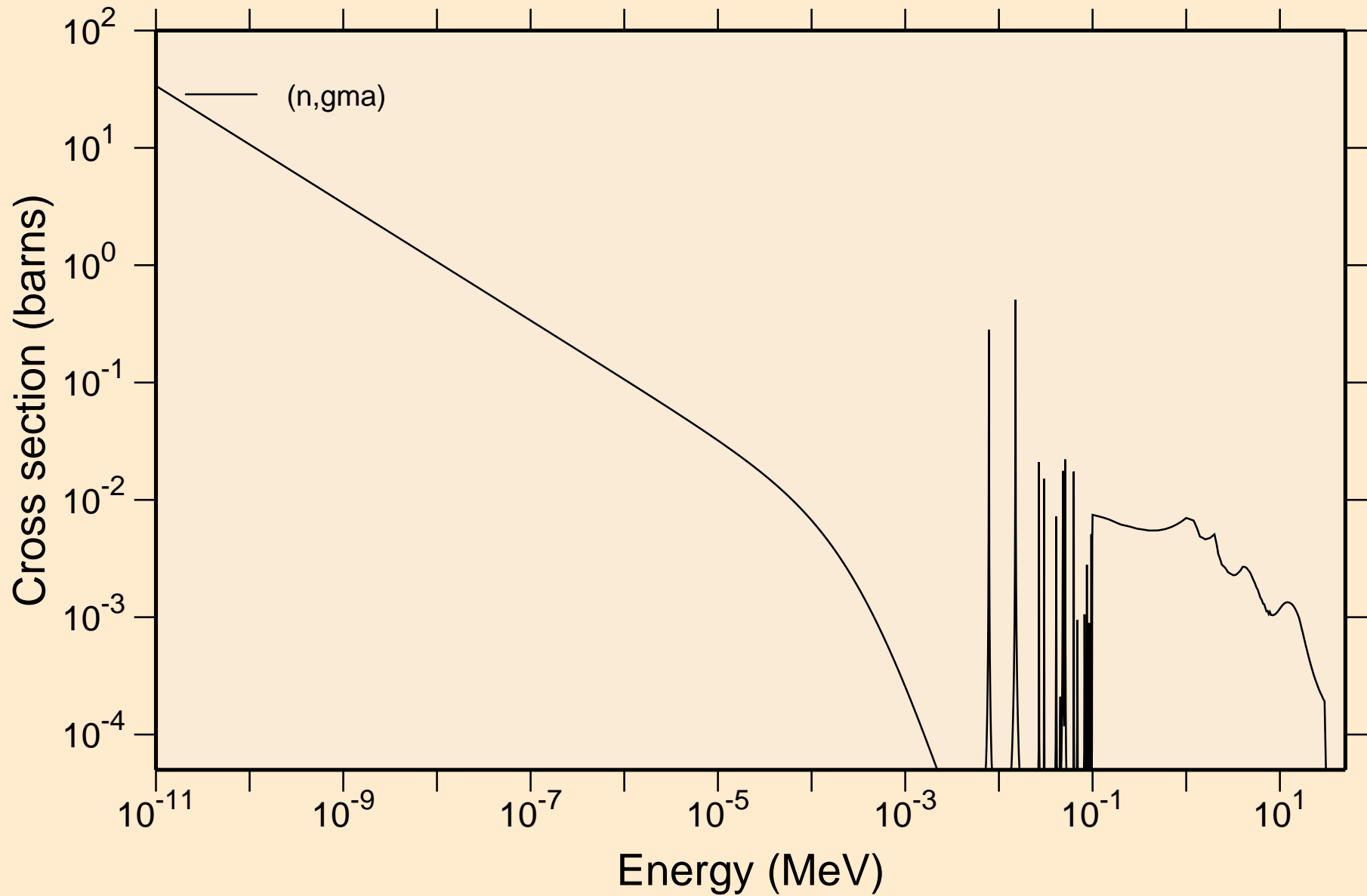


# SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

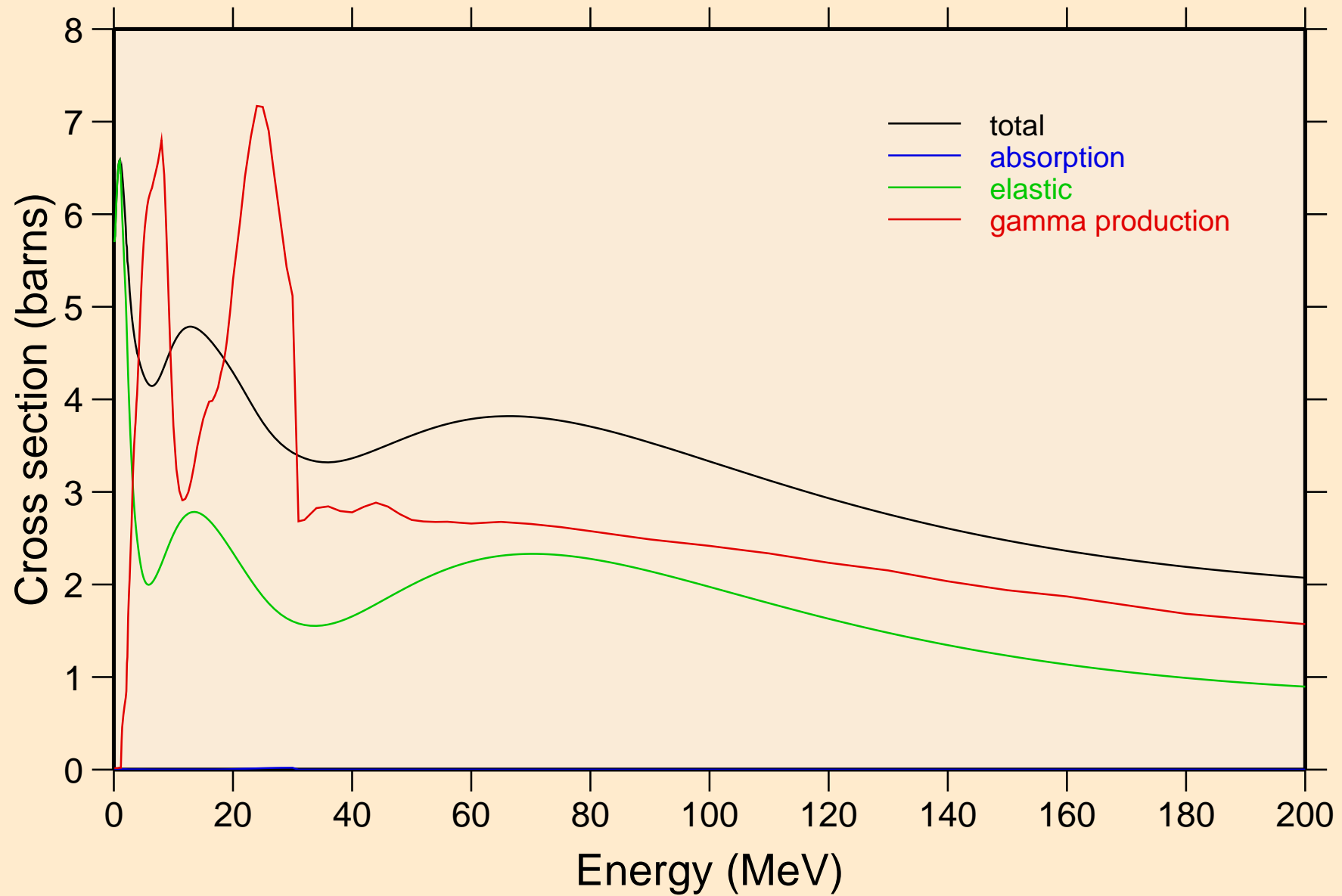


SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



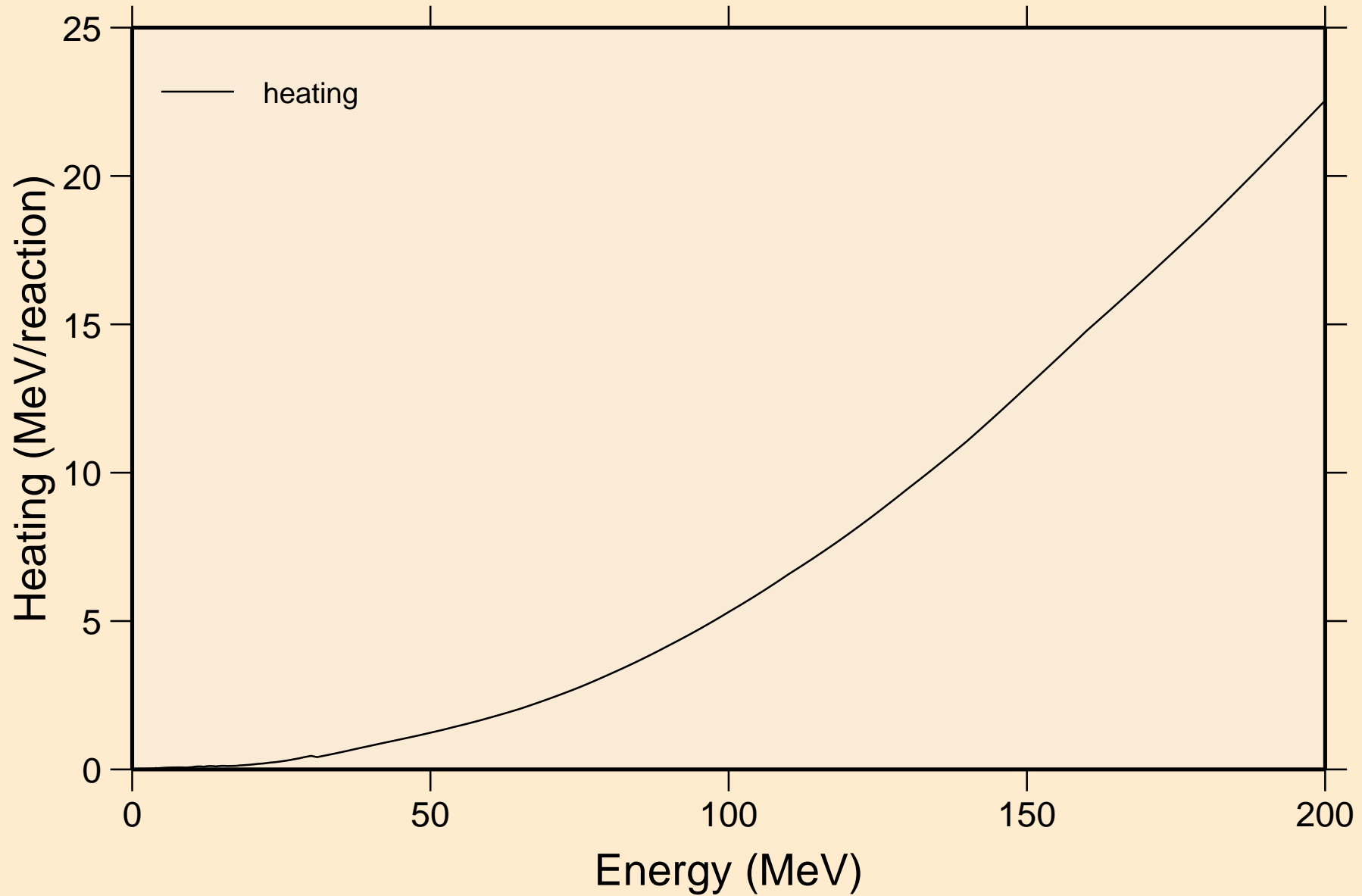
# SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



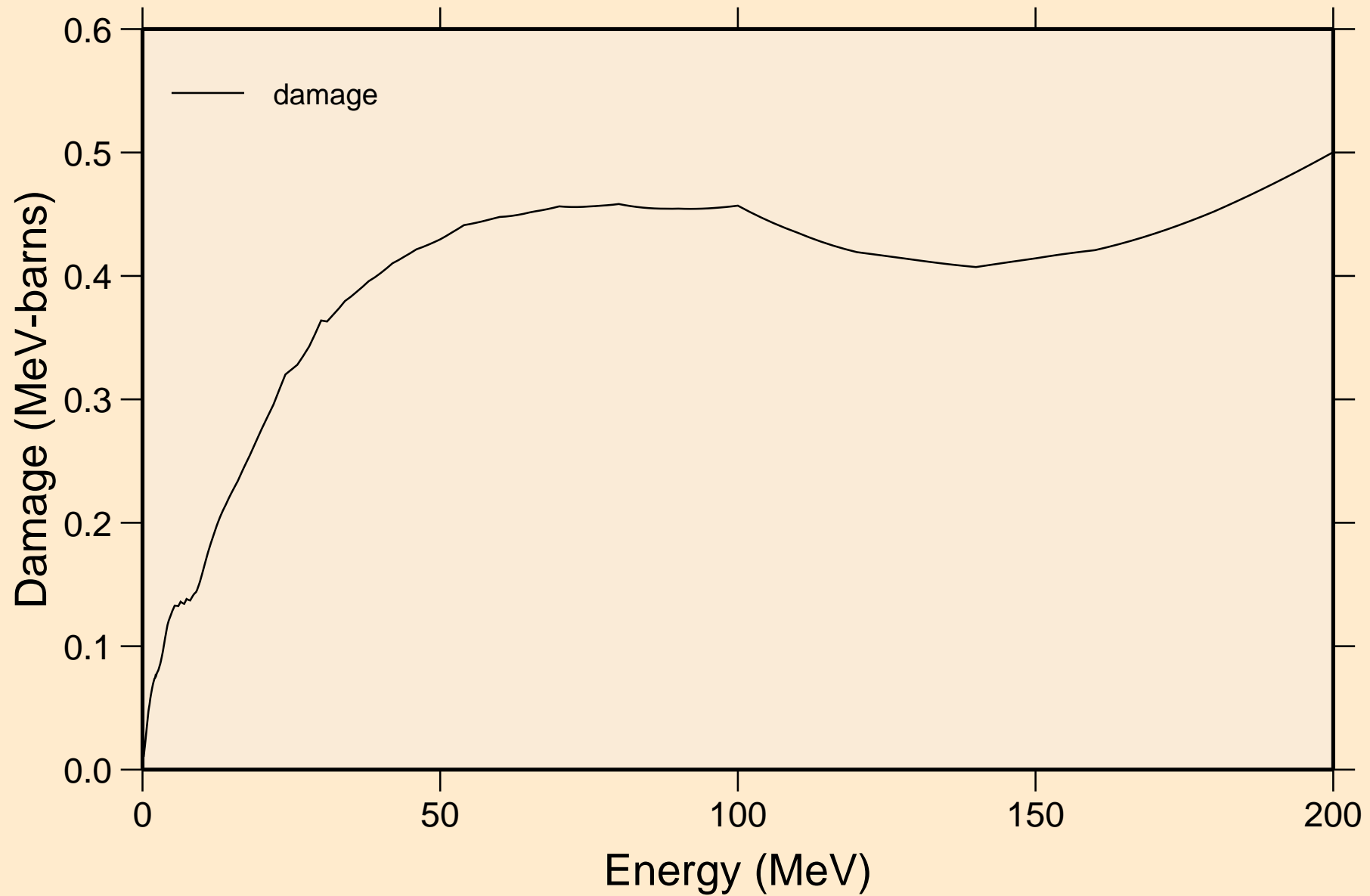
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## Heating

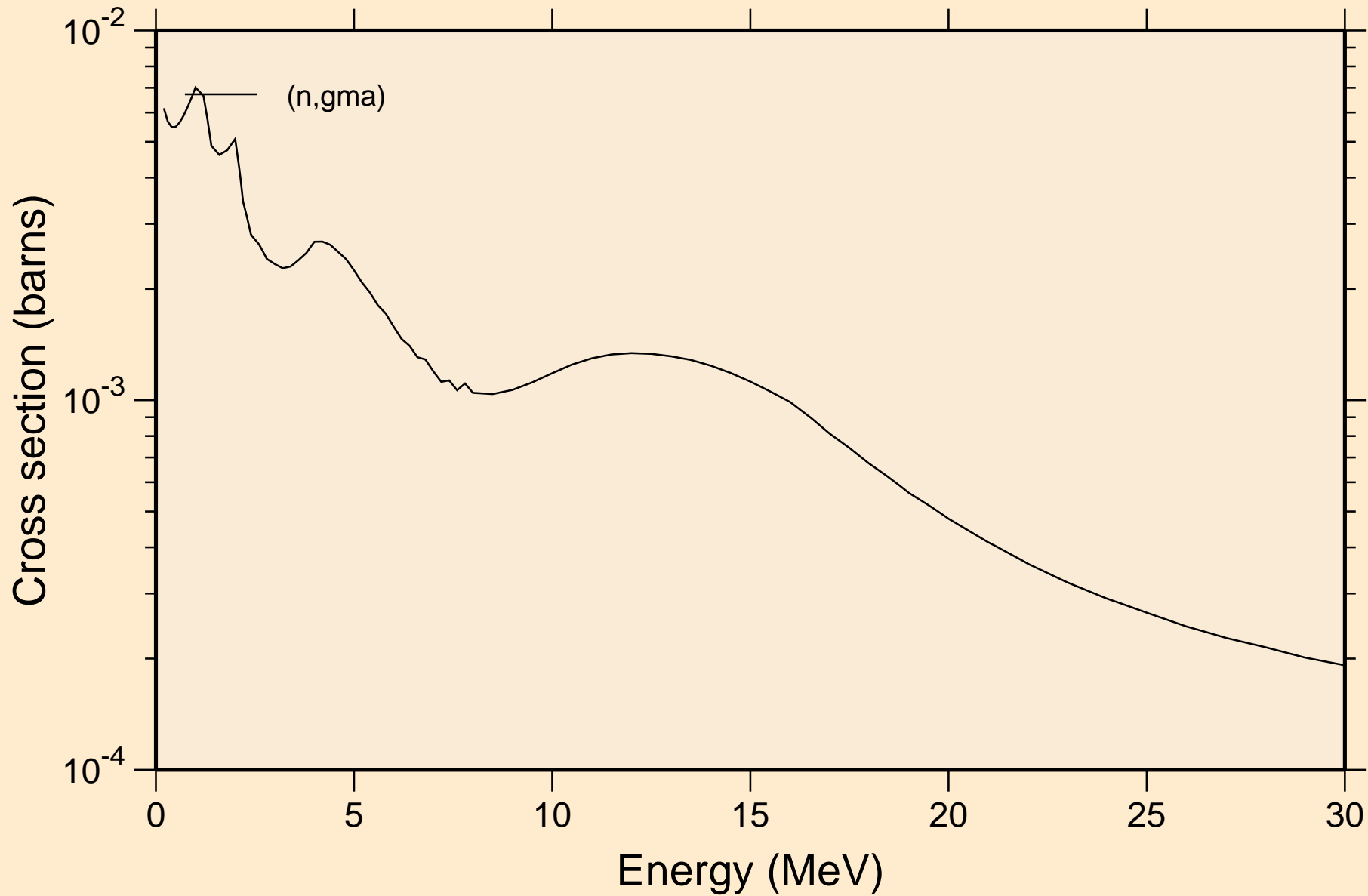


# SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

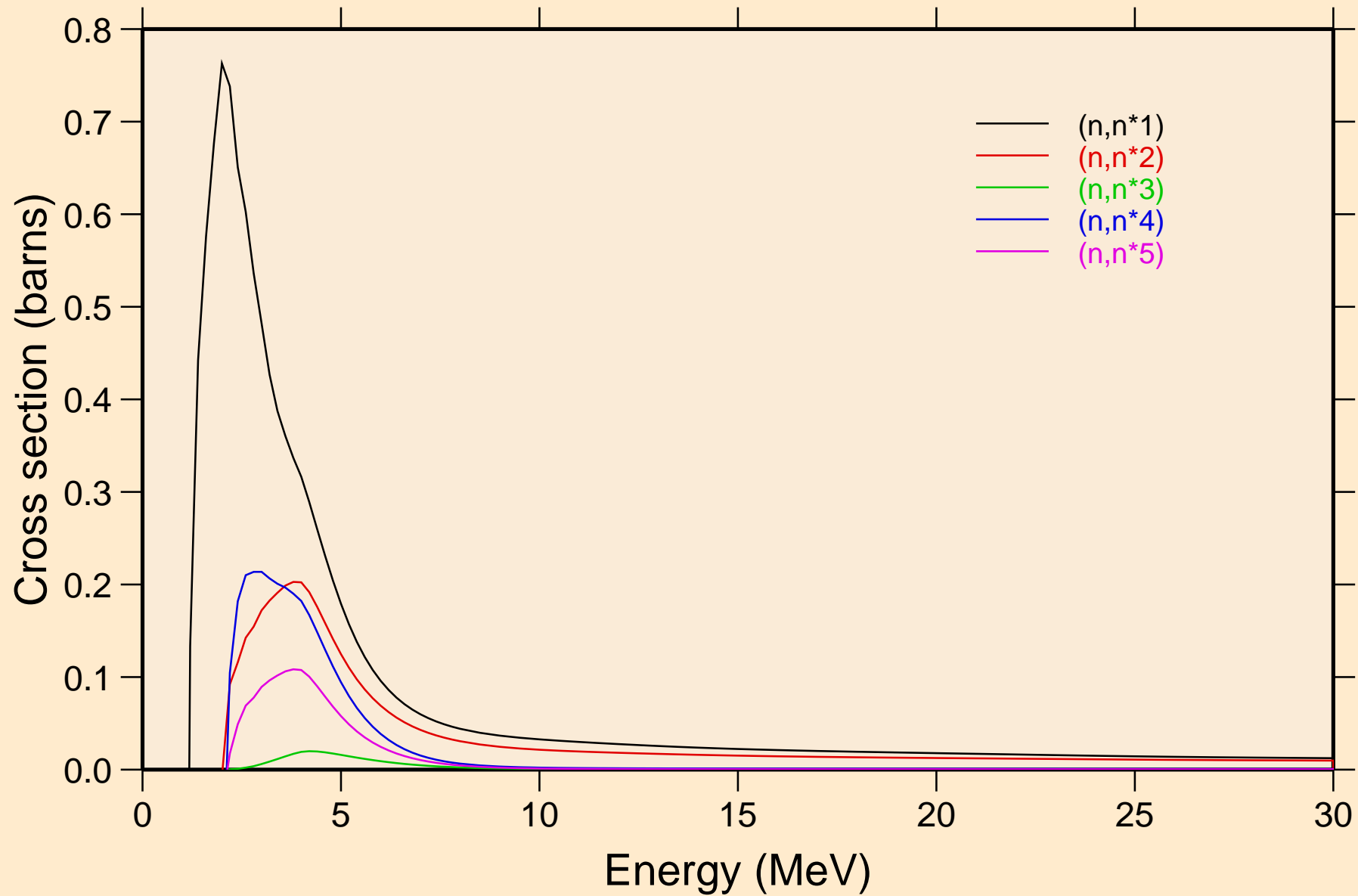


SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



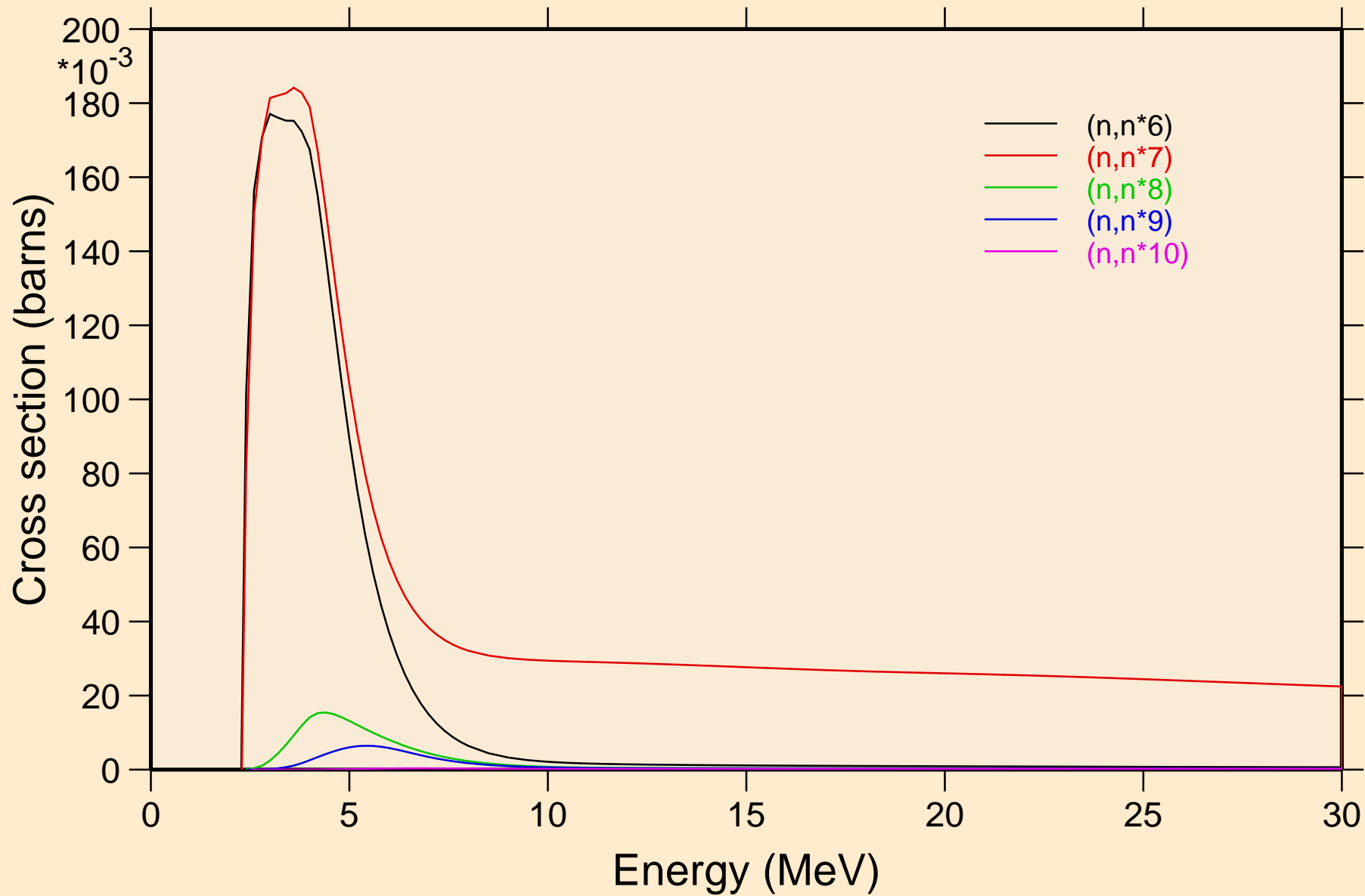
# SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



# SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

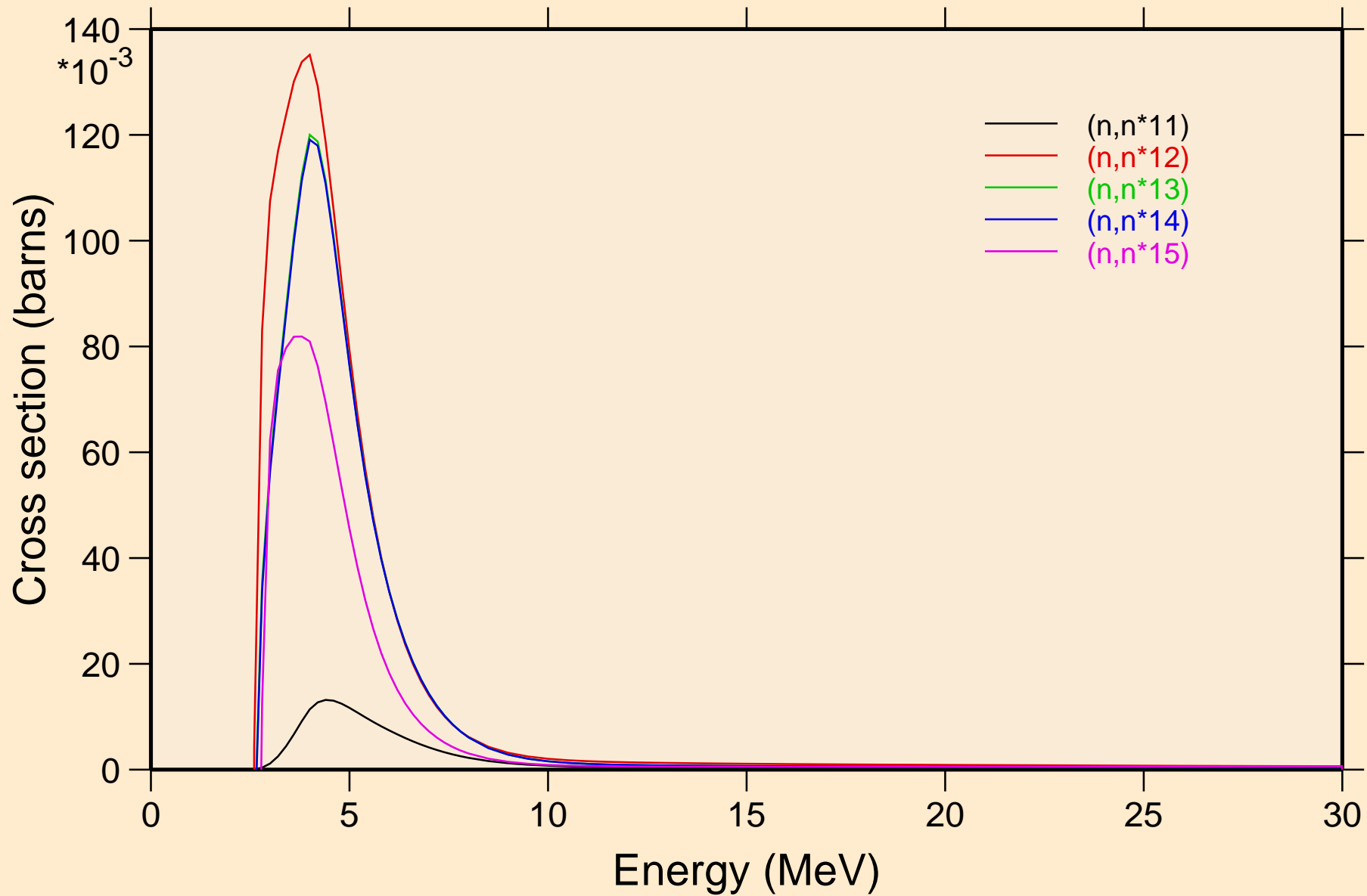
## Inelastic levels





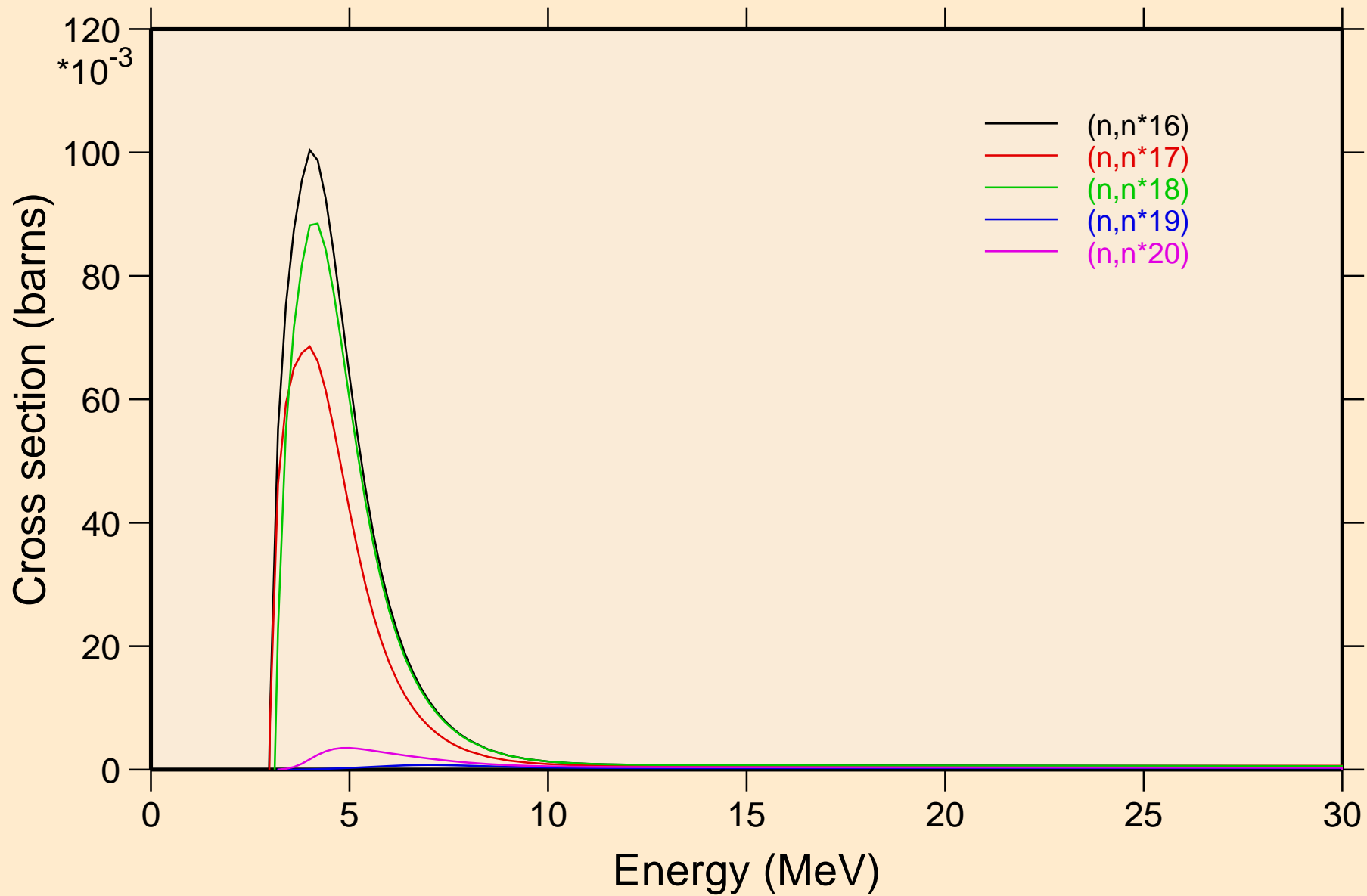
# SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



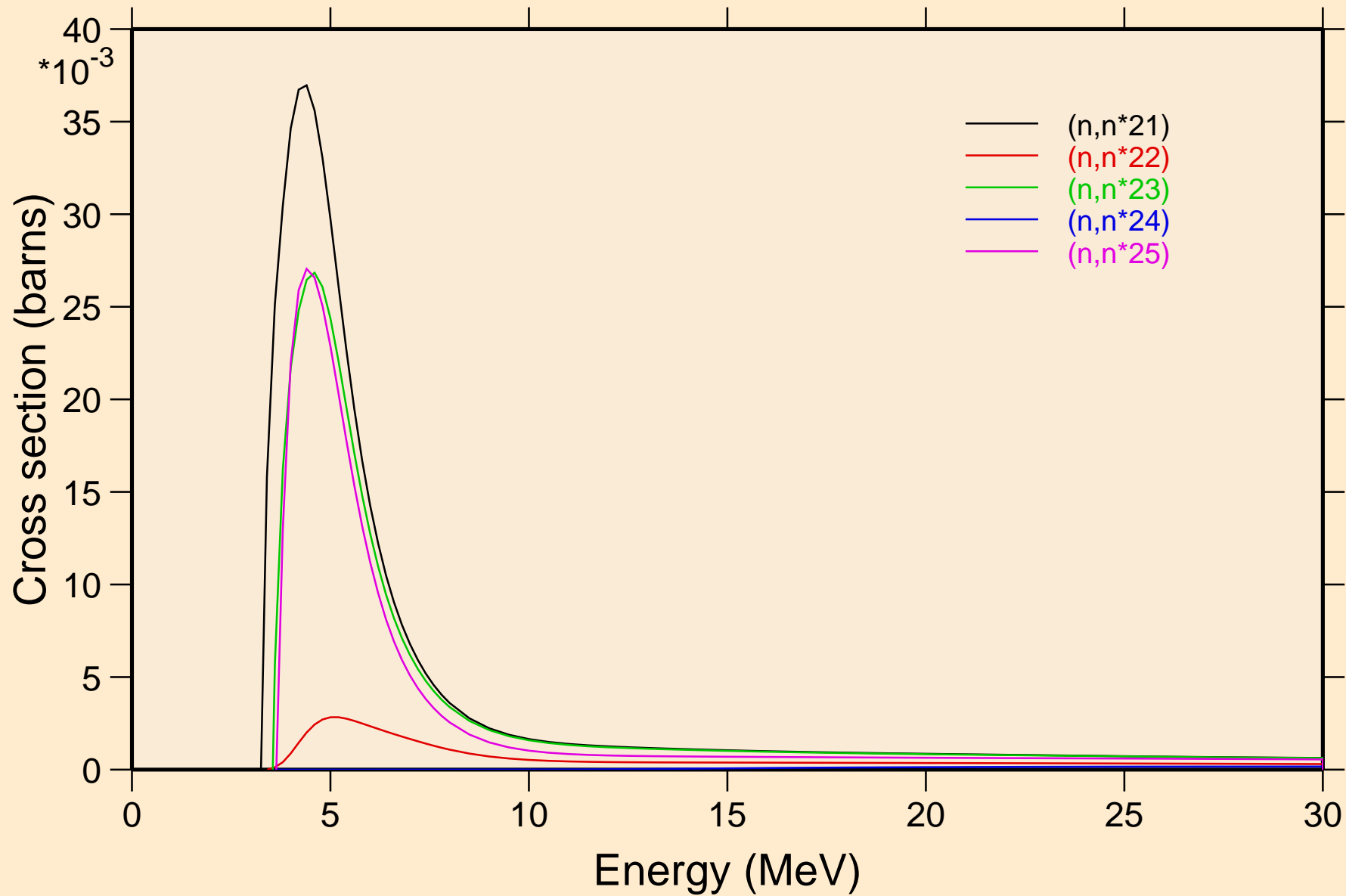
# SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



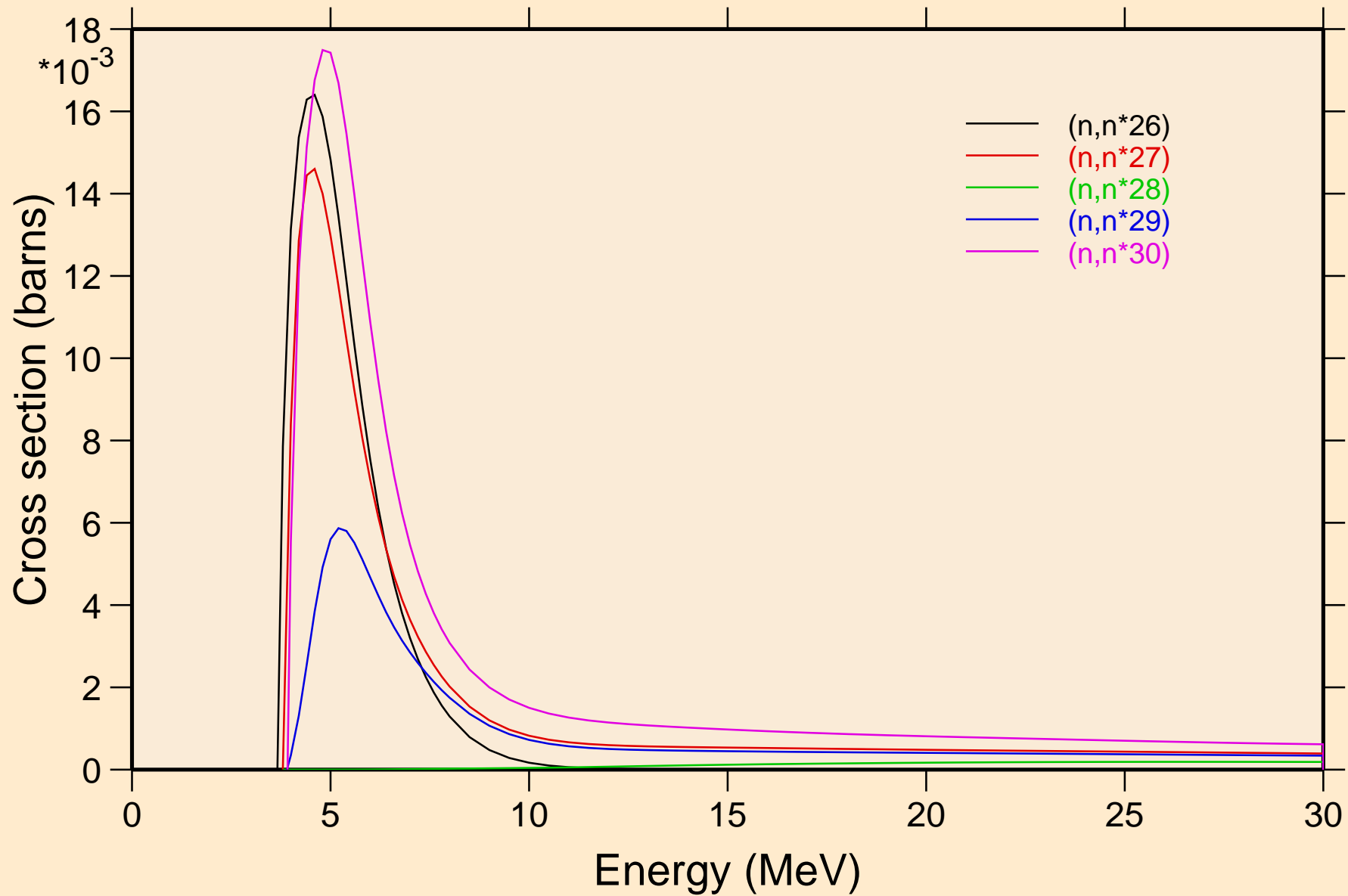
# SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



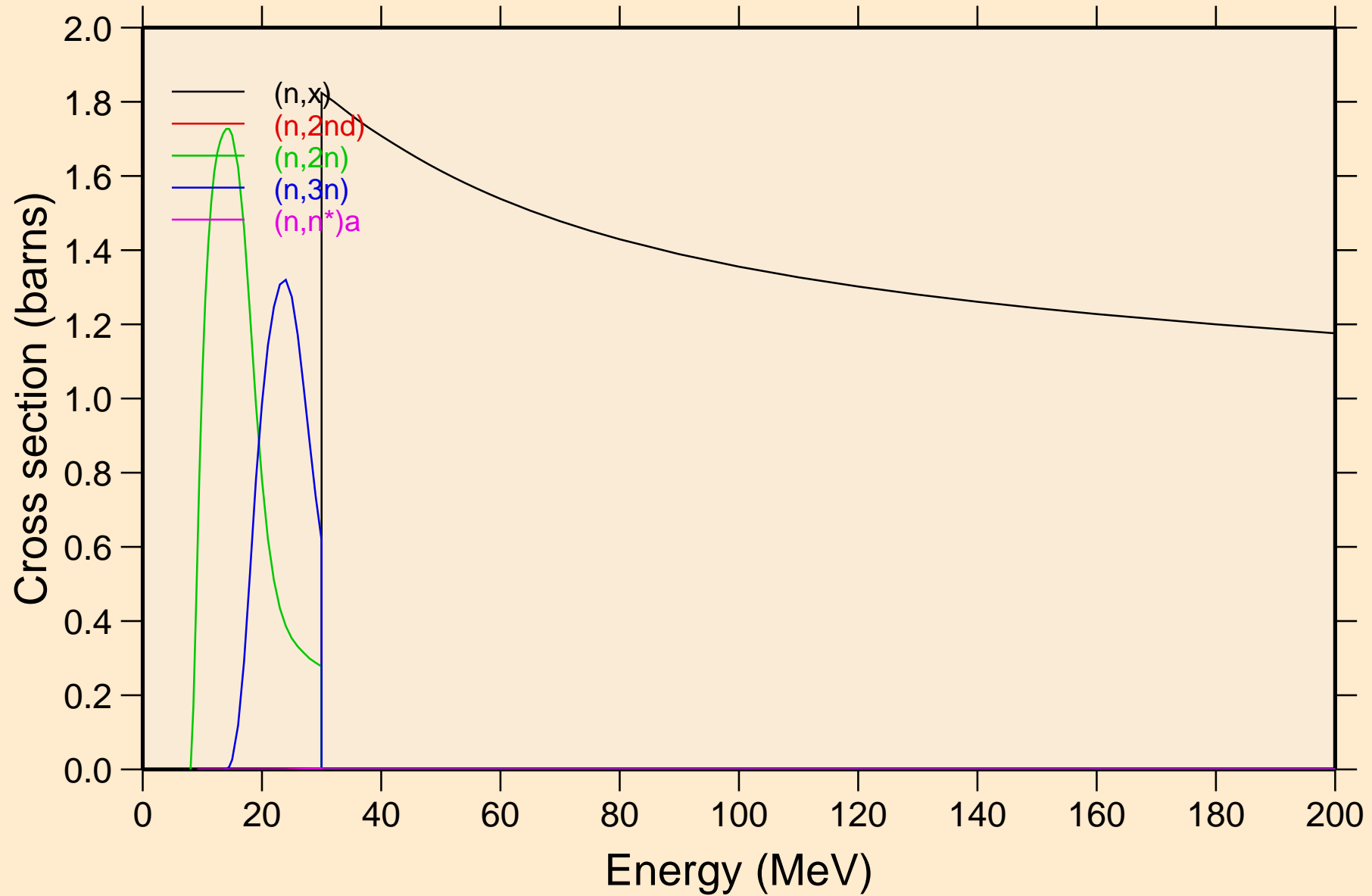
# SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



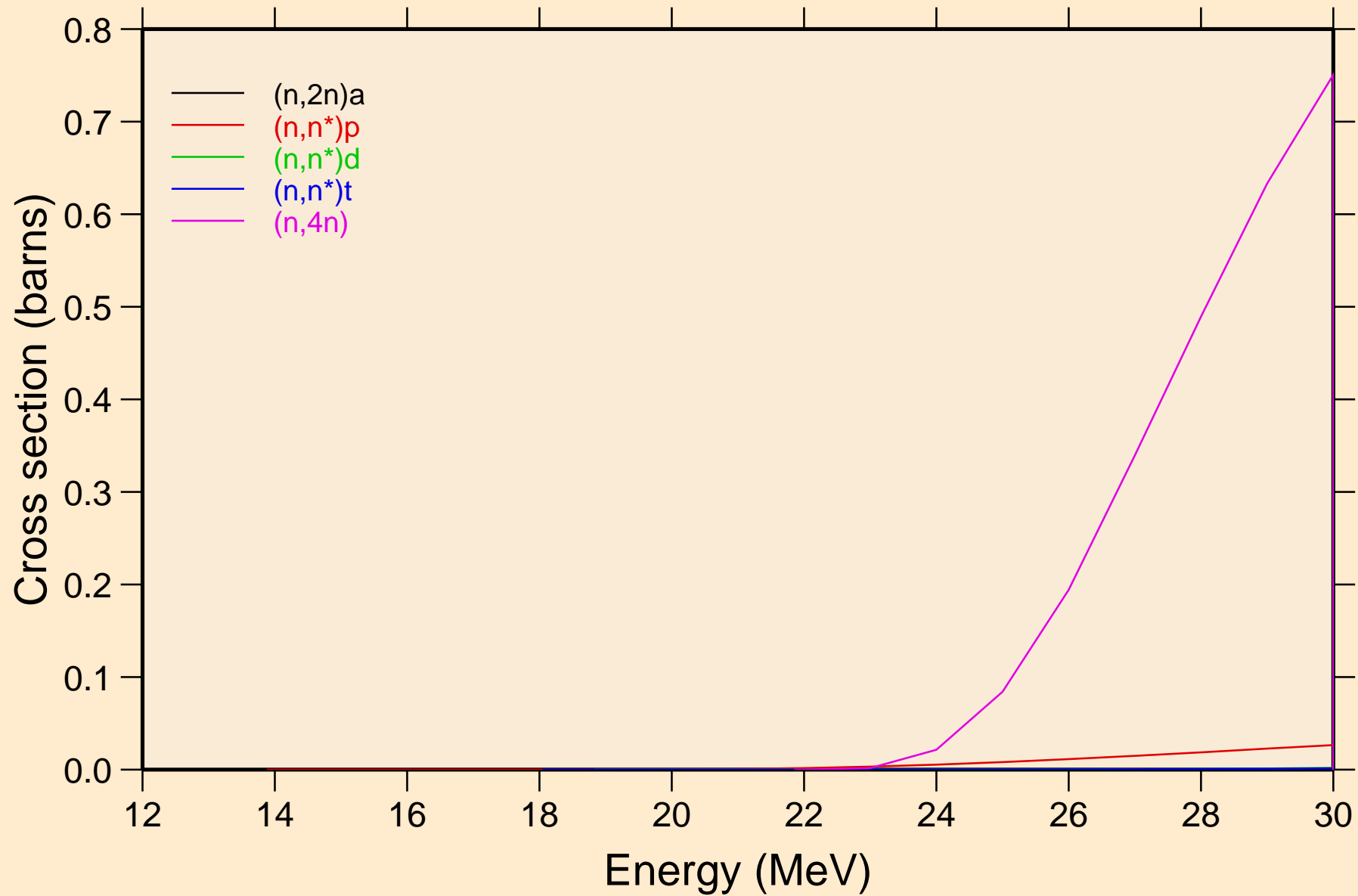
# SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



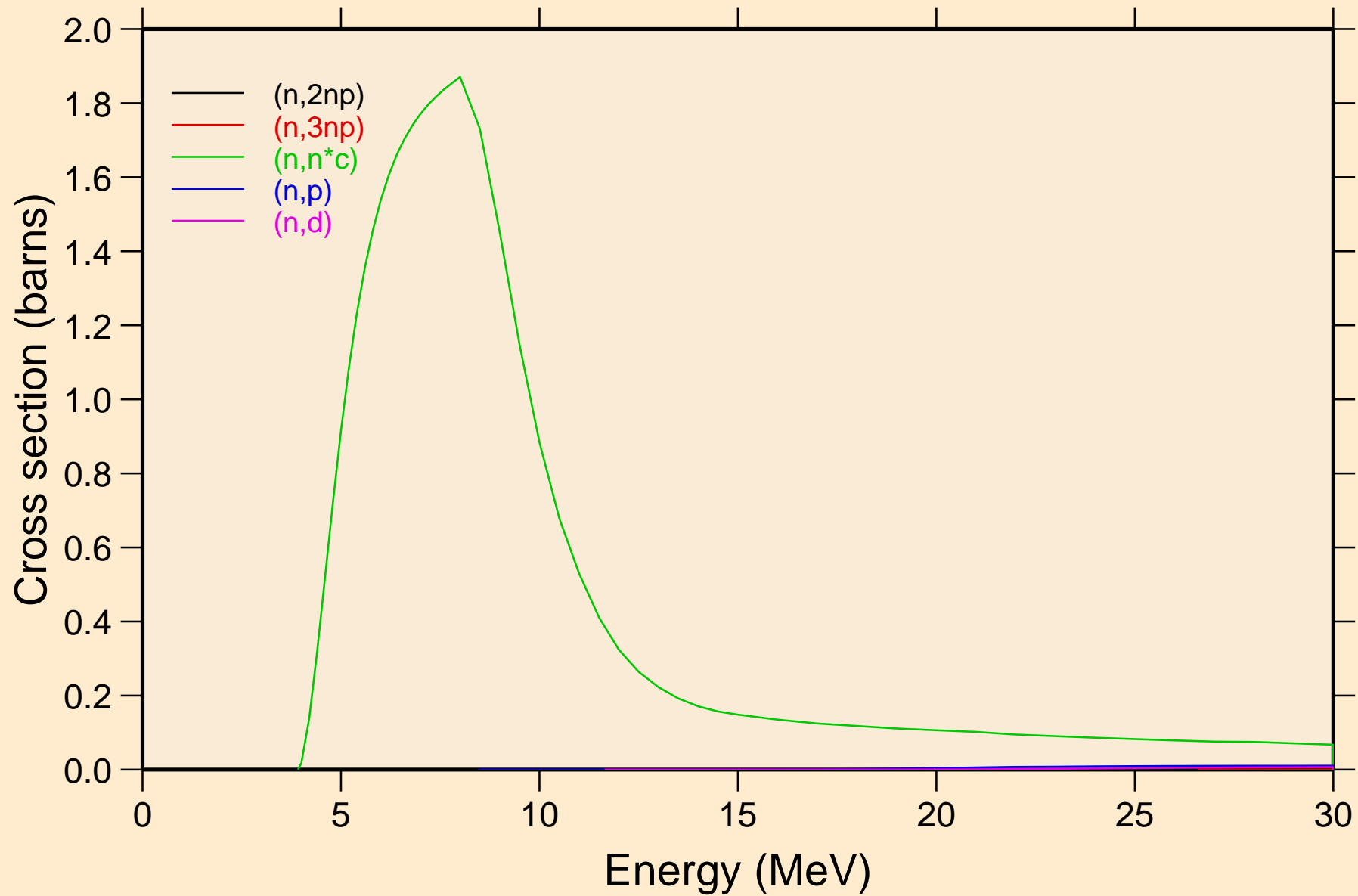
# SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



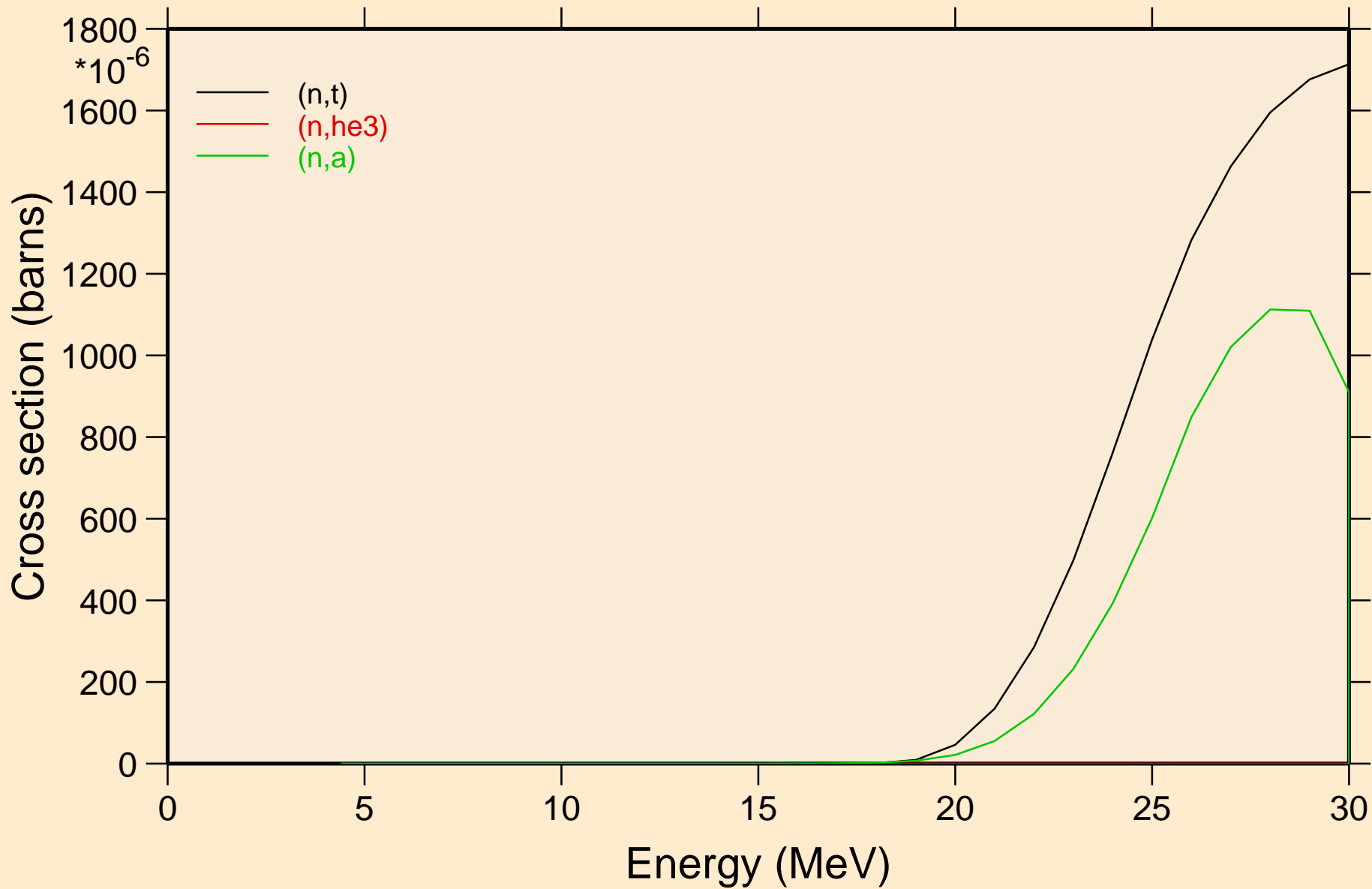
# SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



# SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

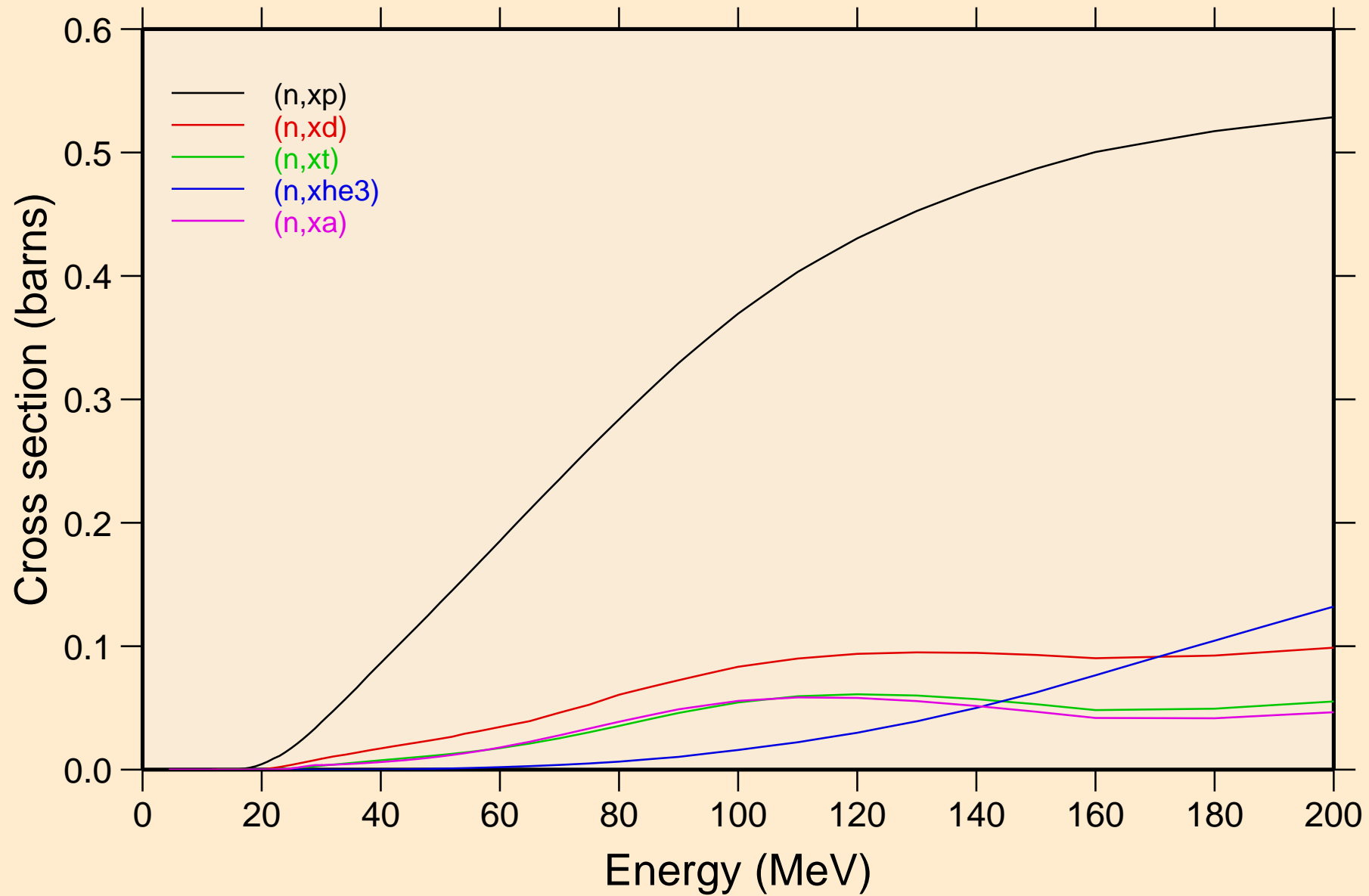
## Threshold reactions



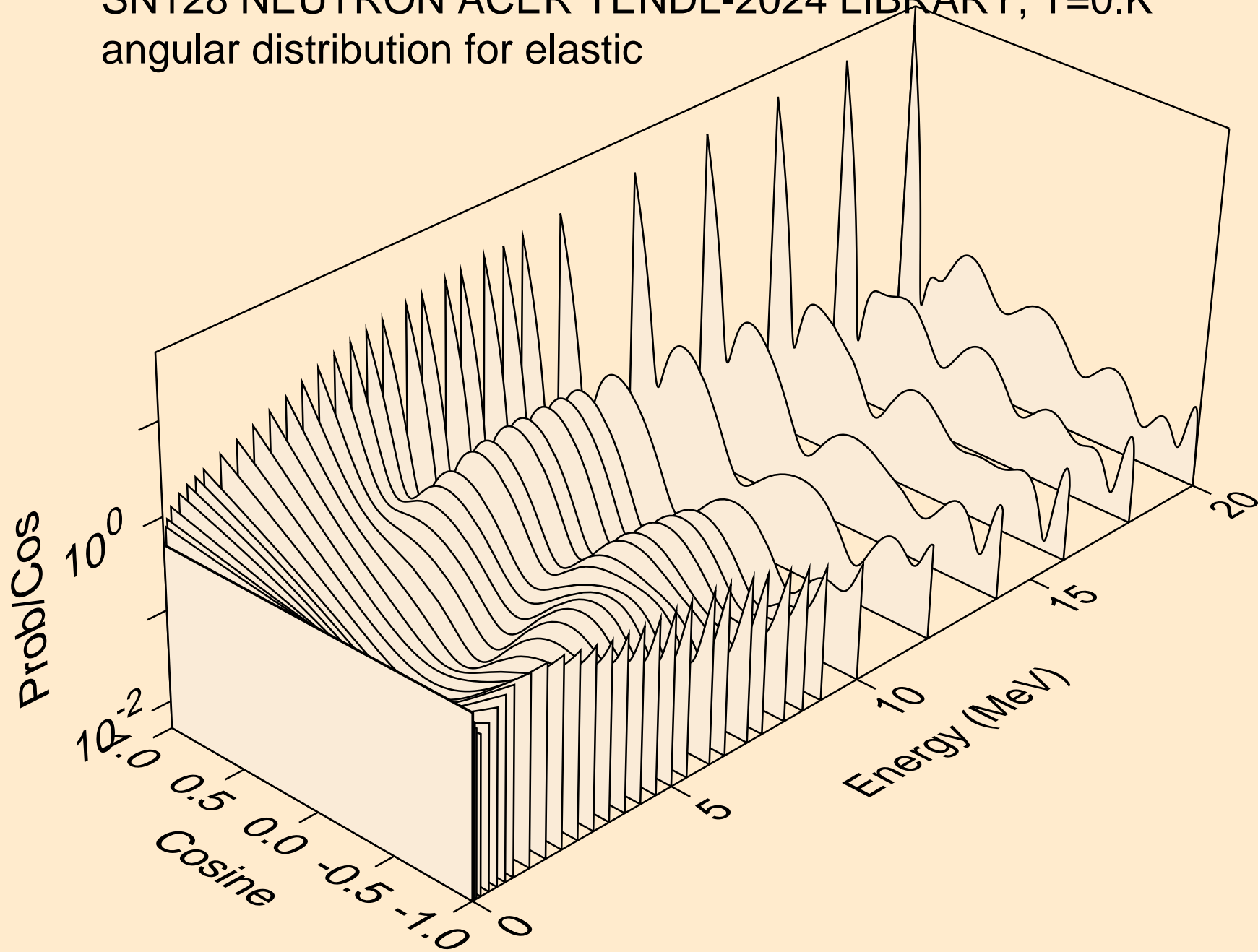


# SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

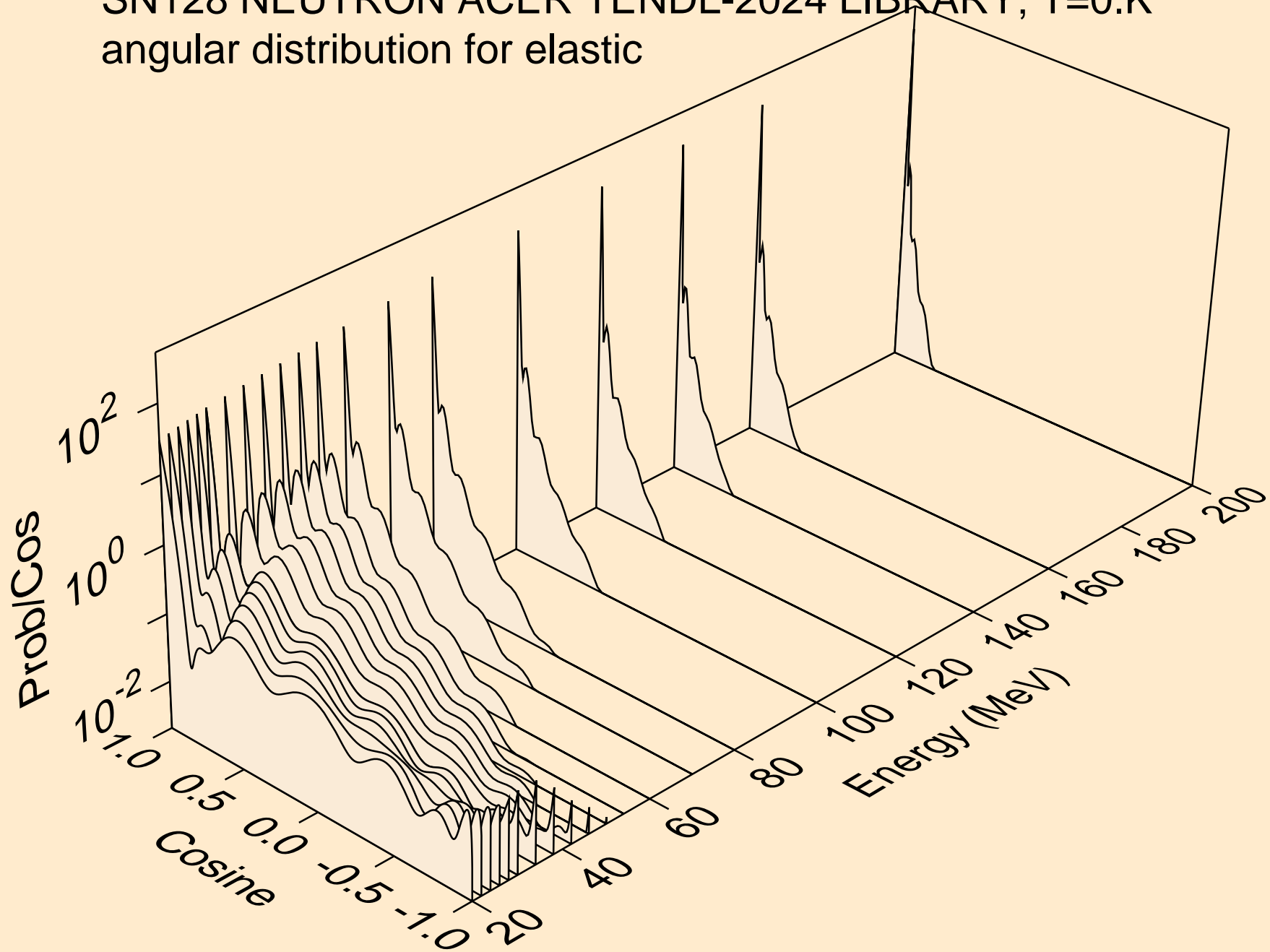
## Threshold reactions



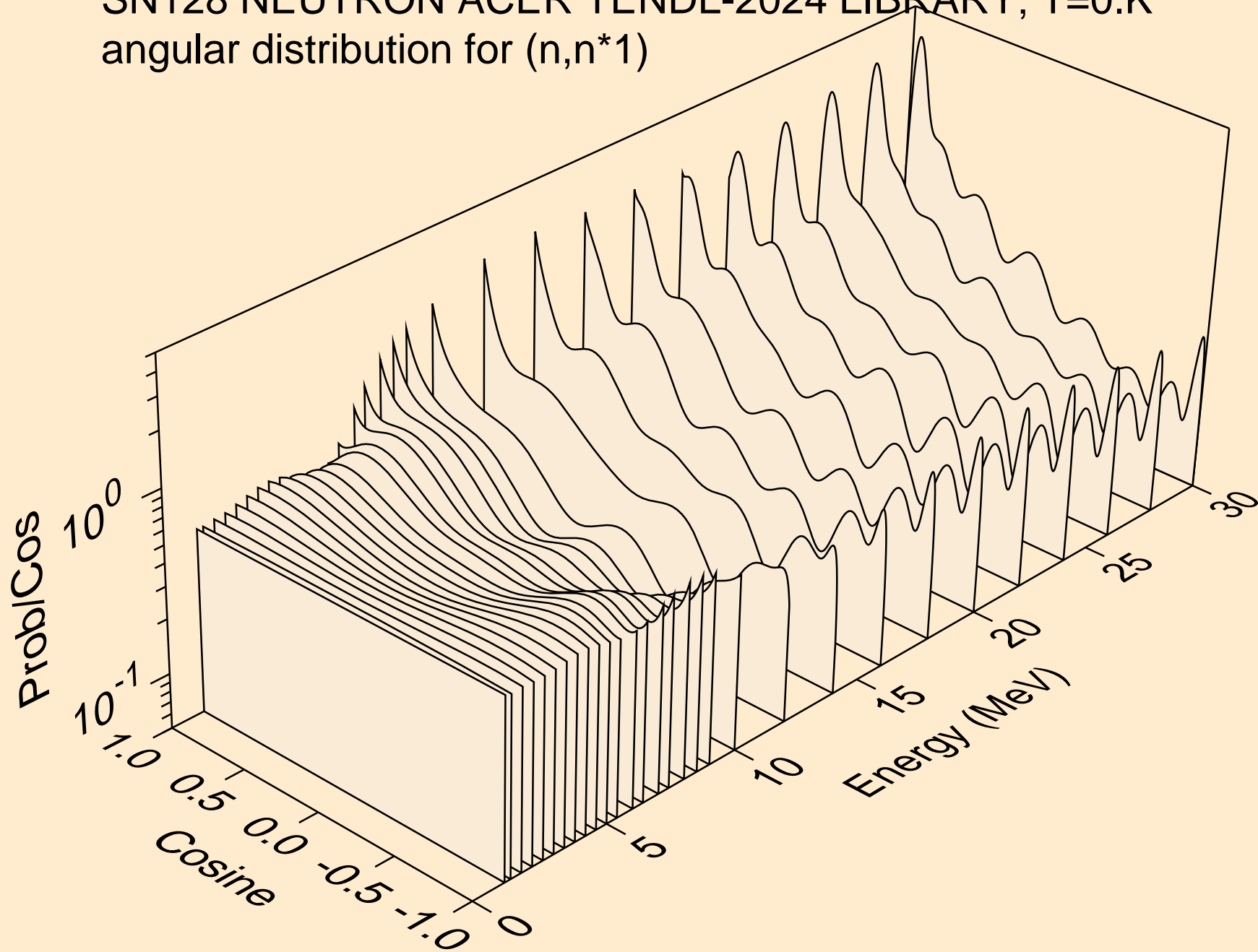
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



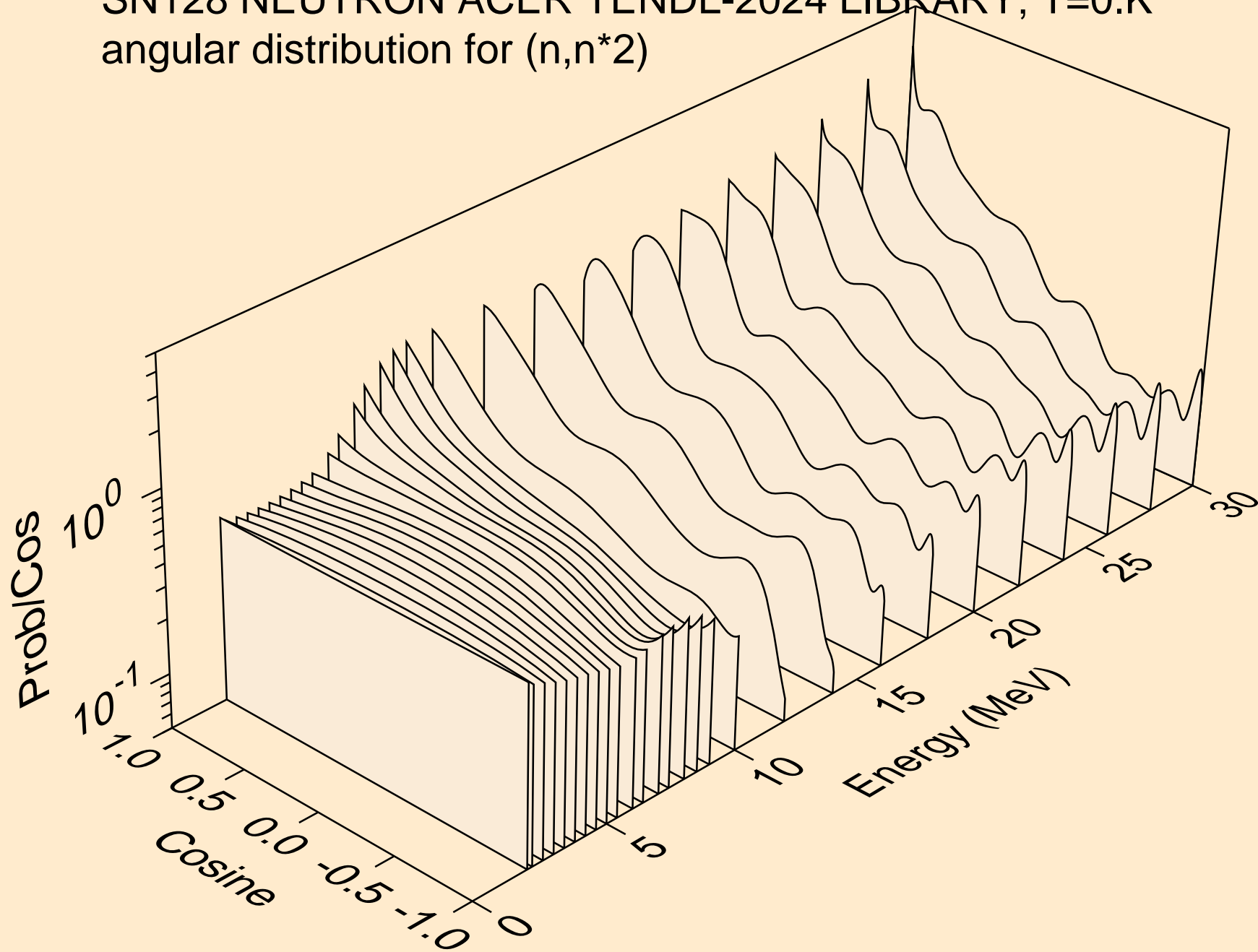
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



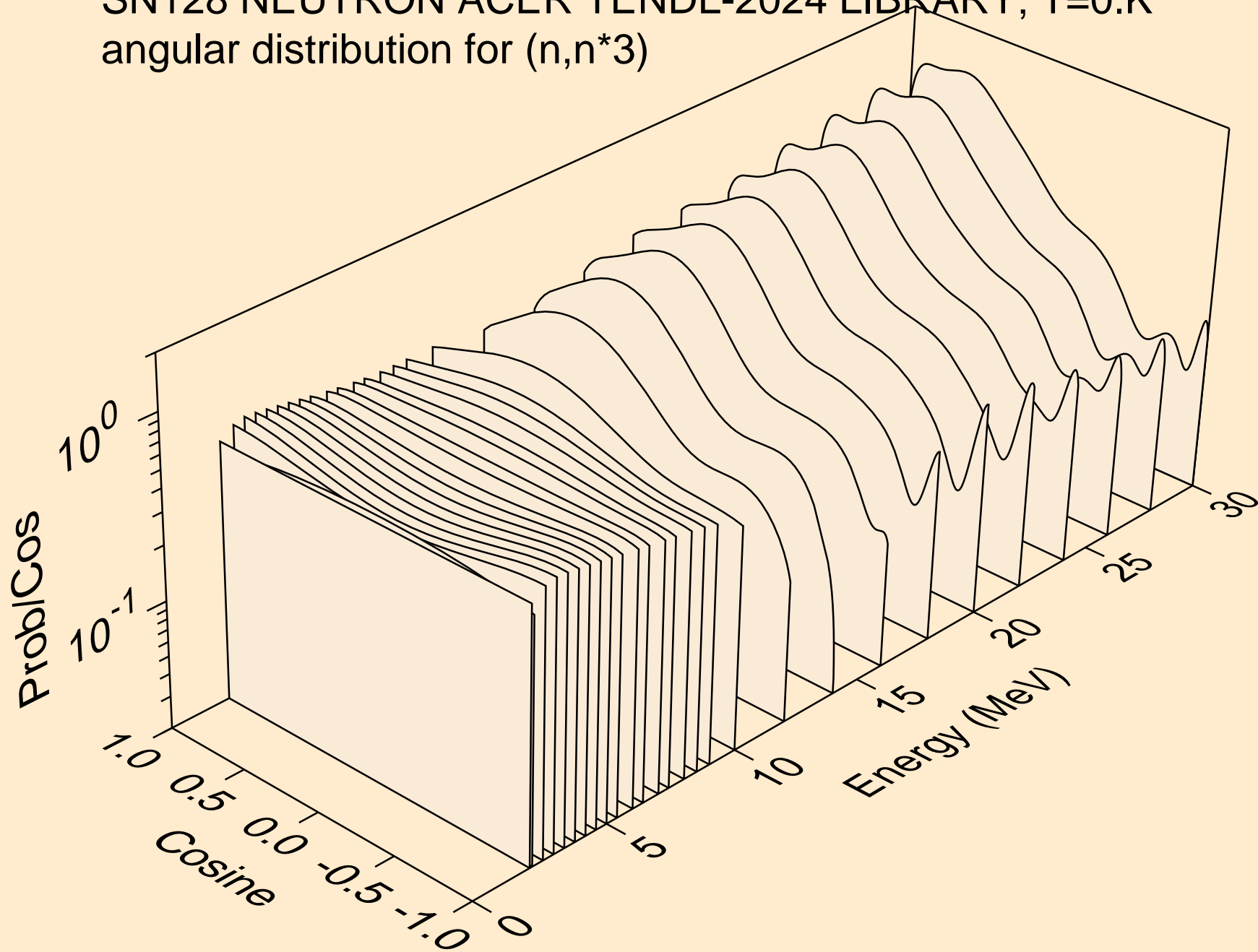
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



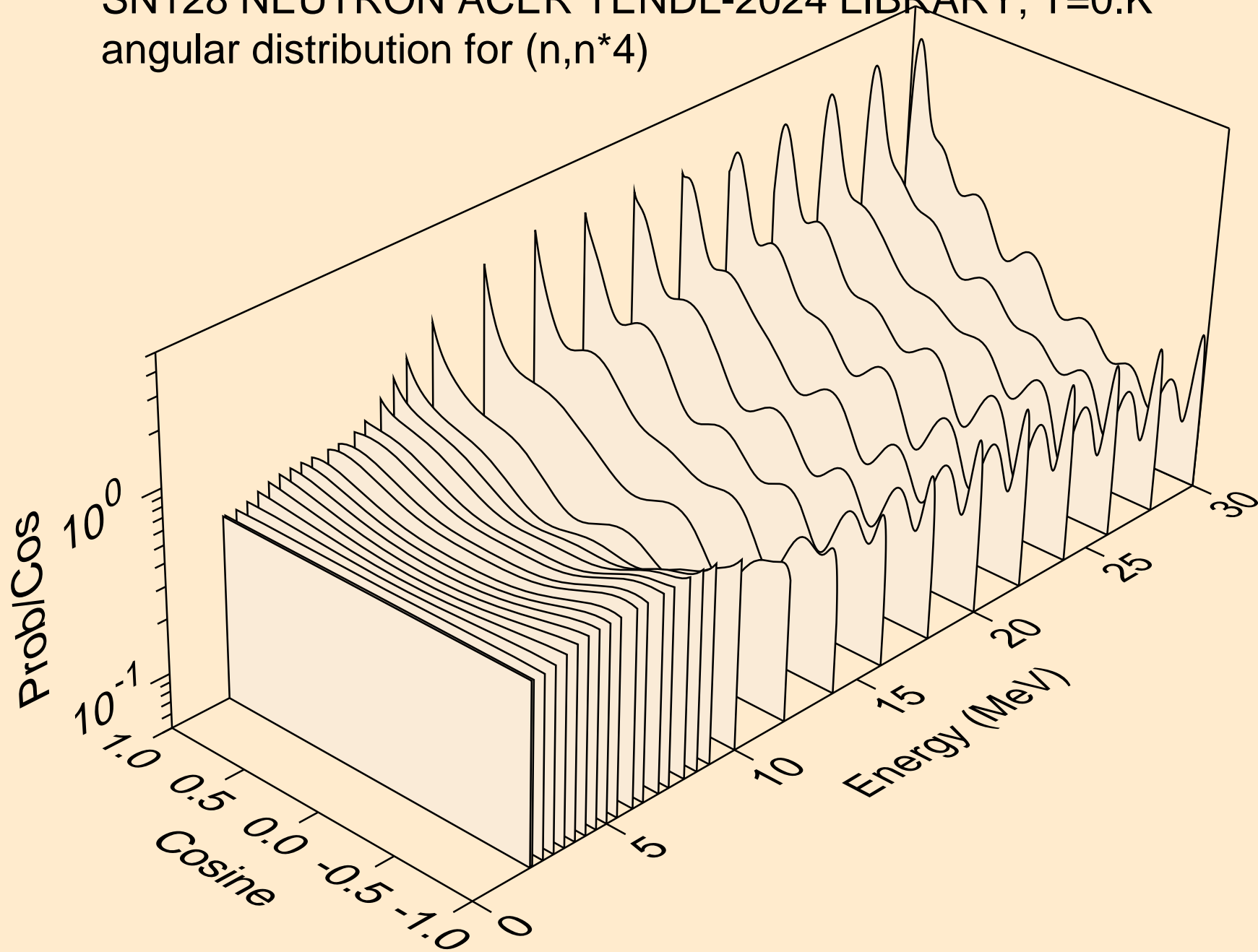
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



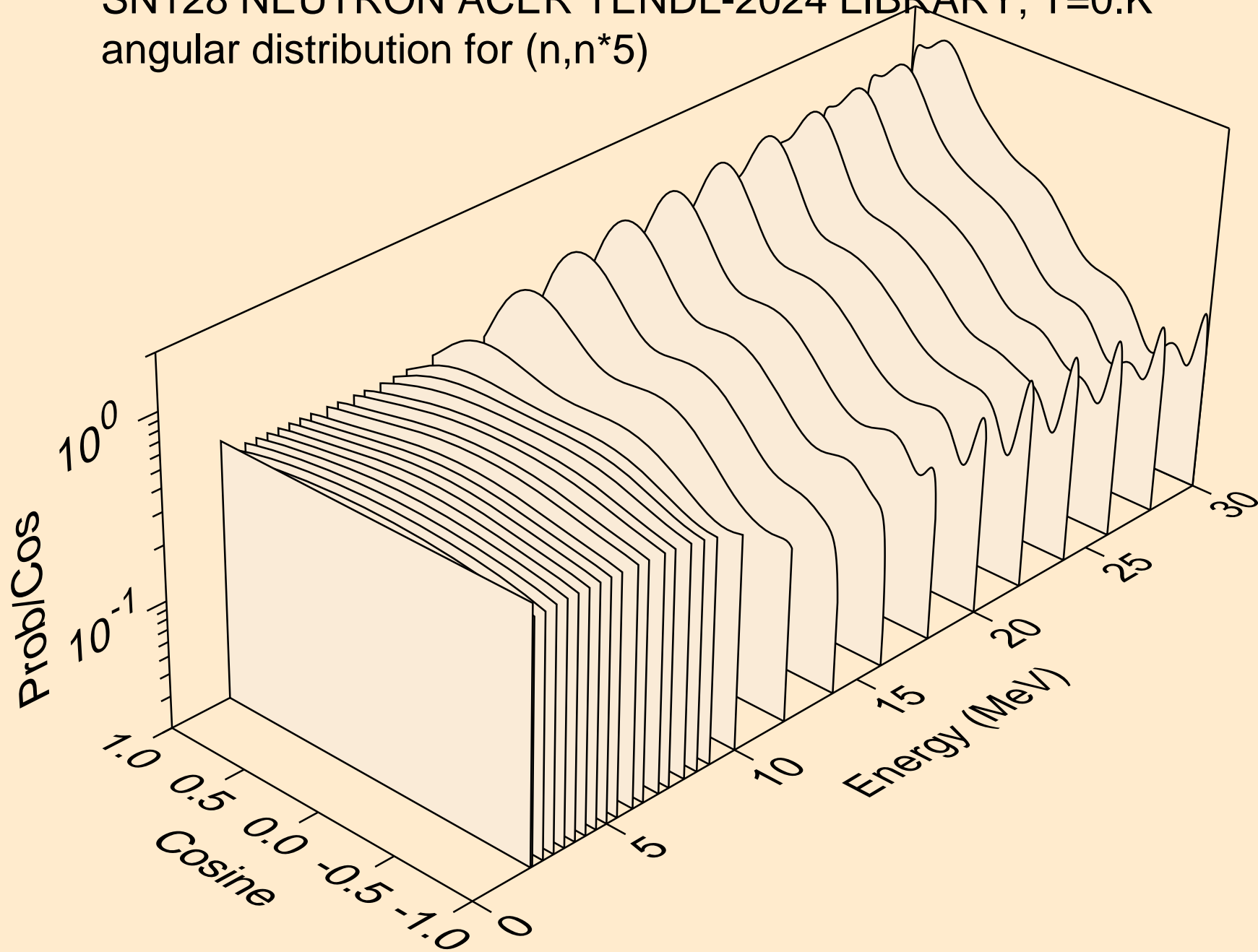
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

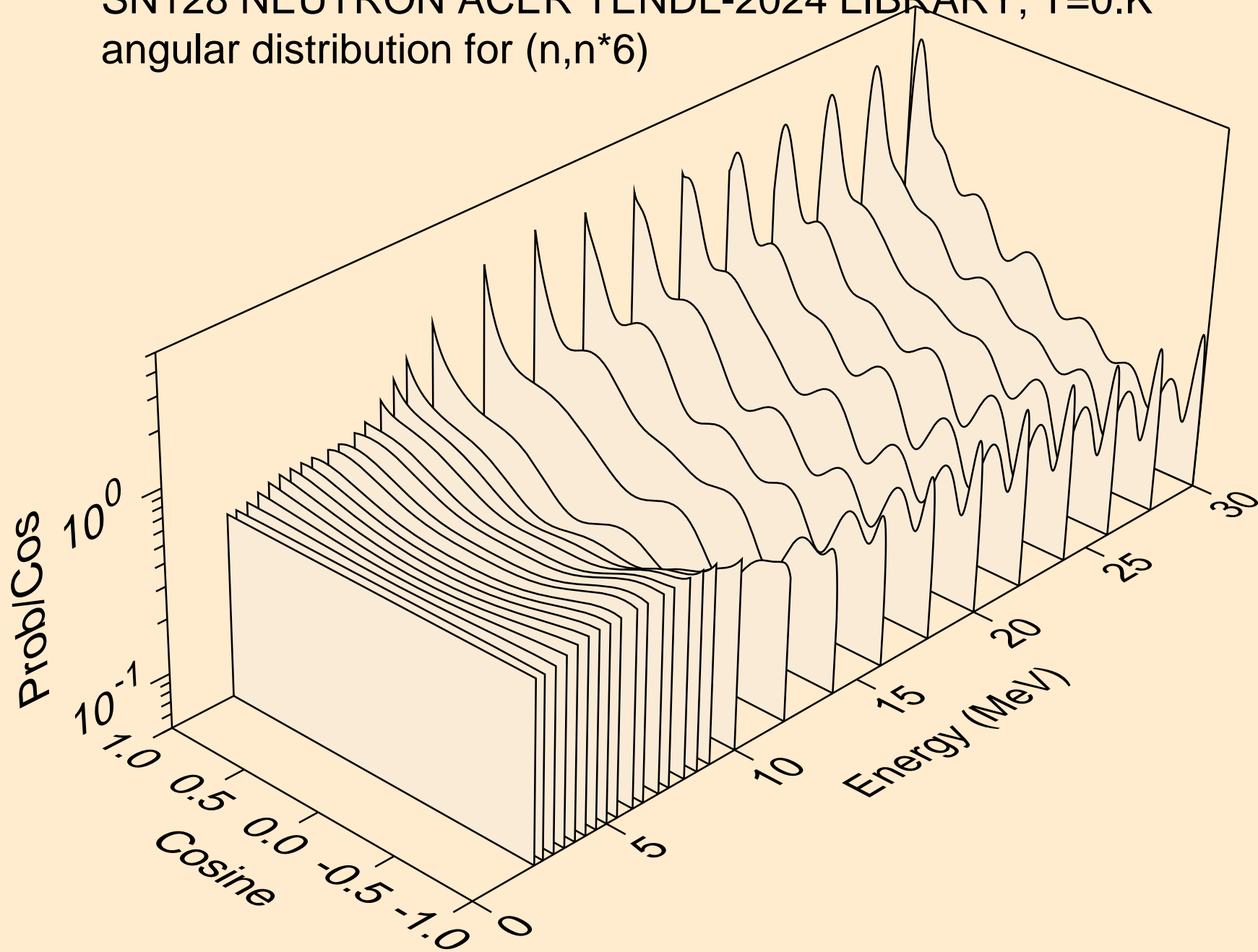


SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

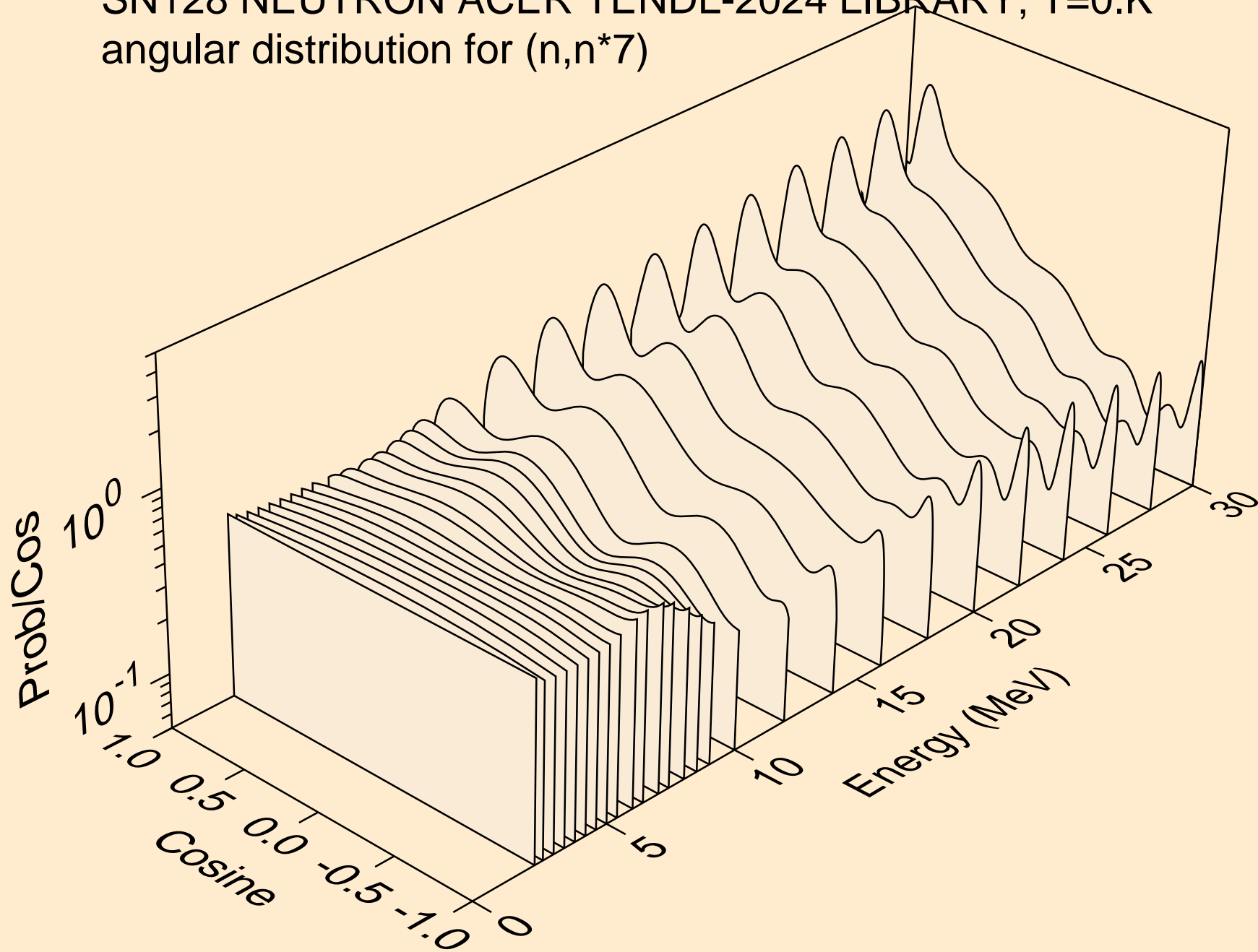




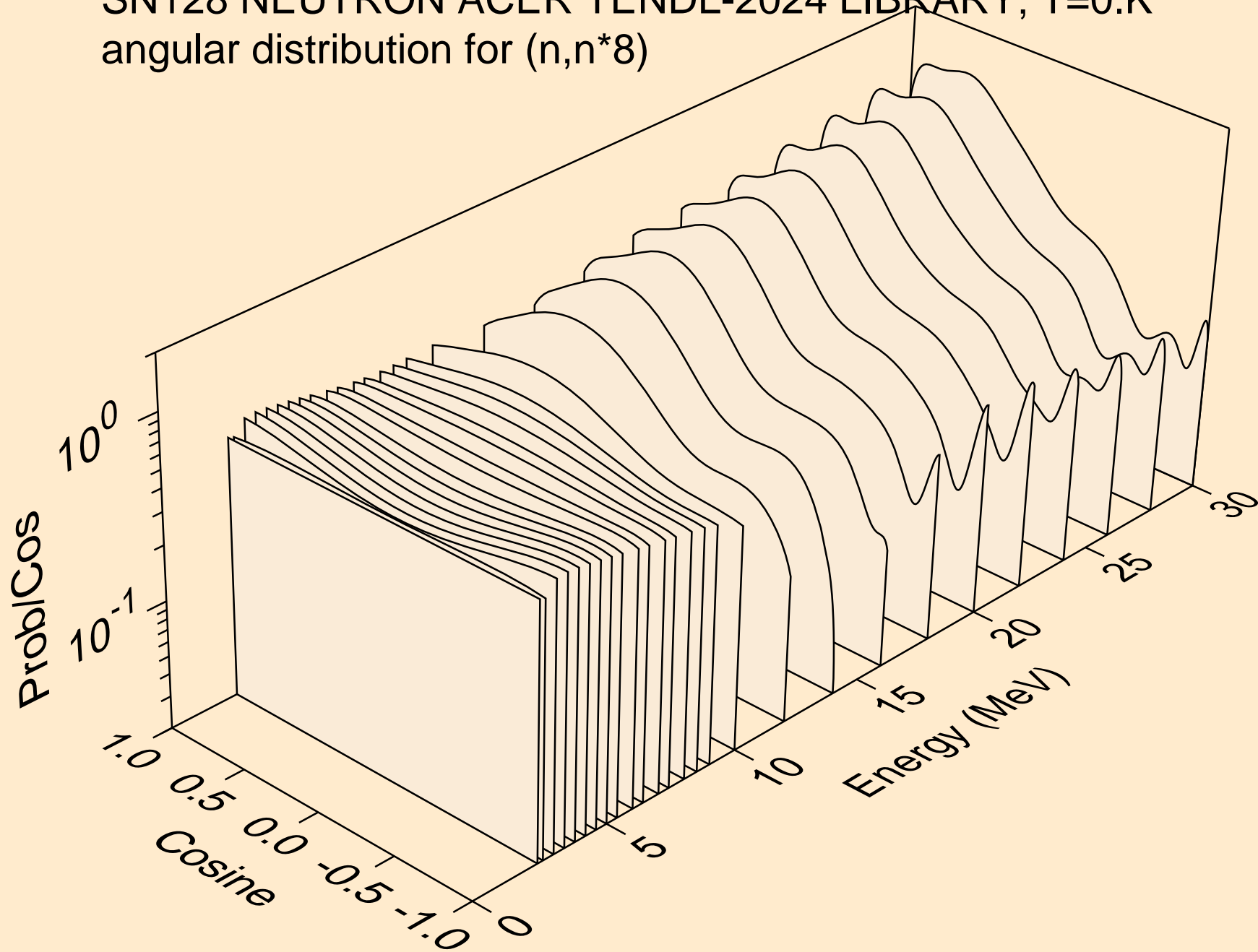
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



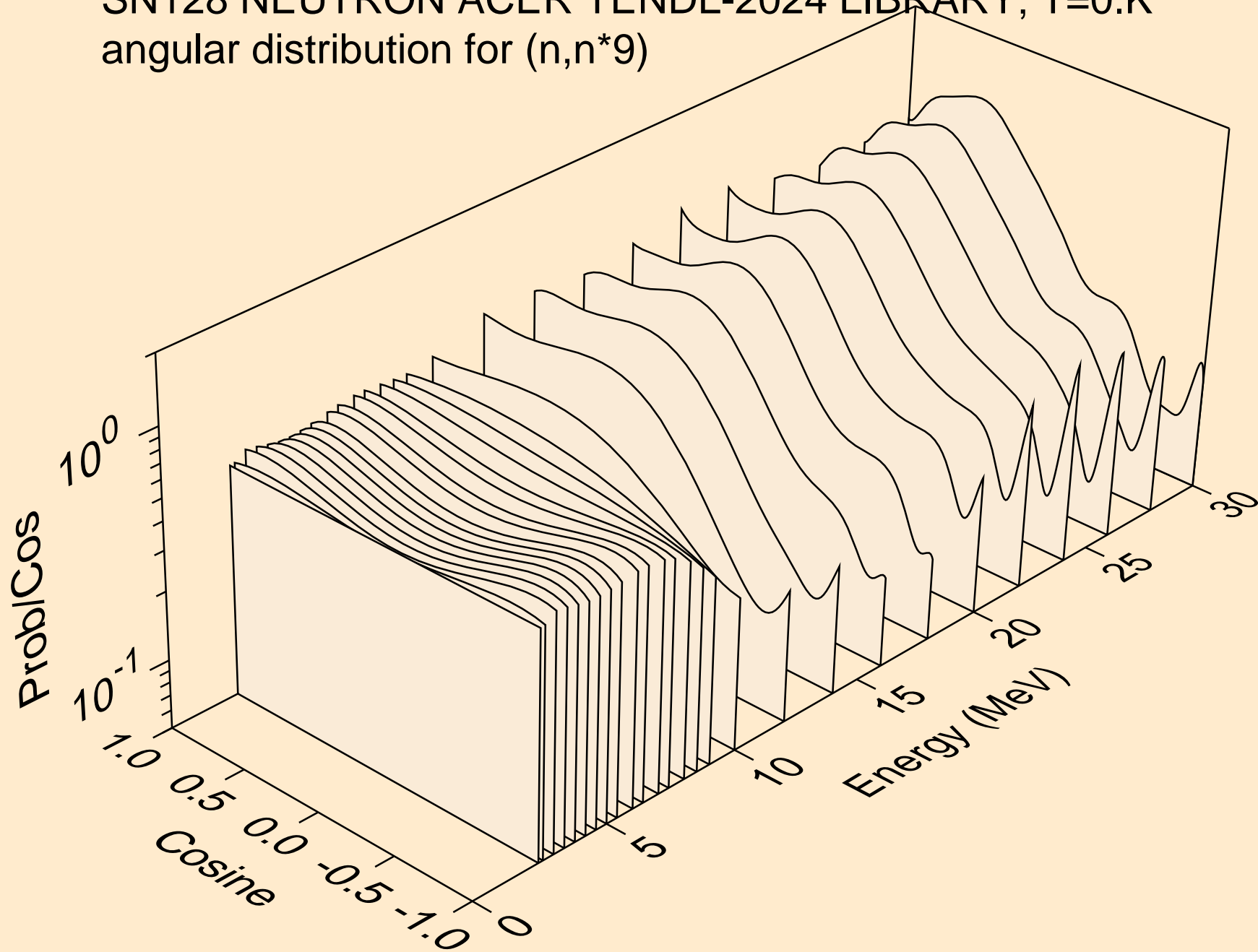
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



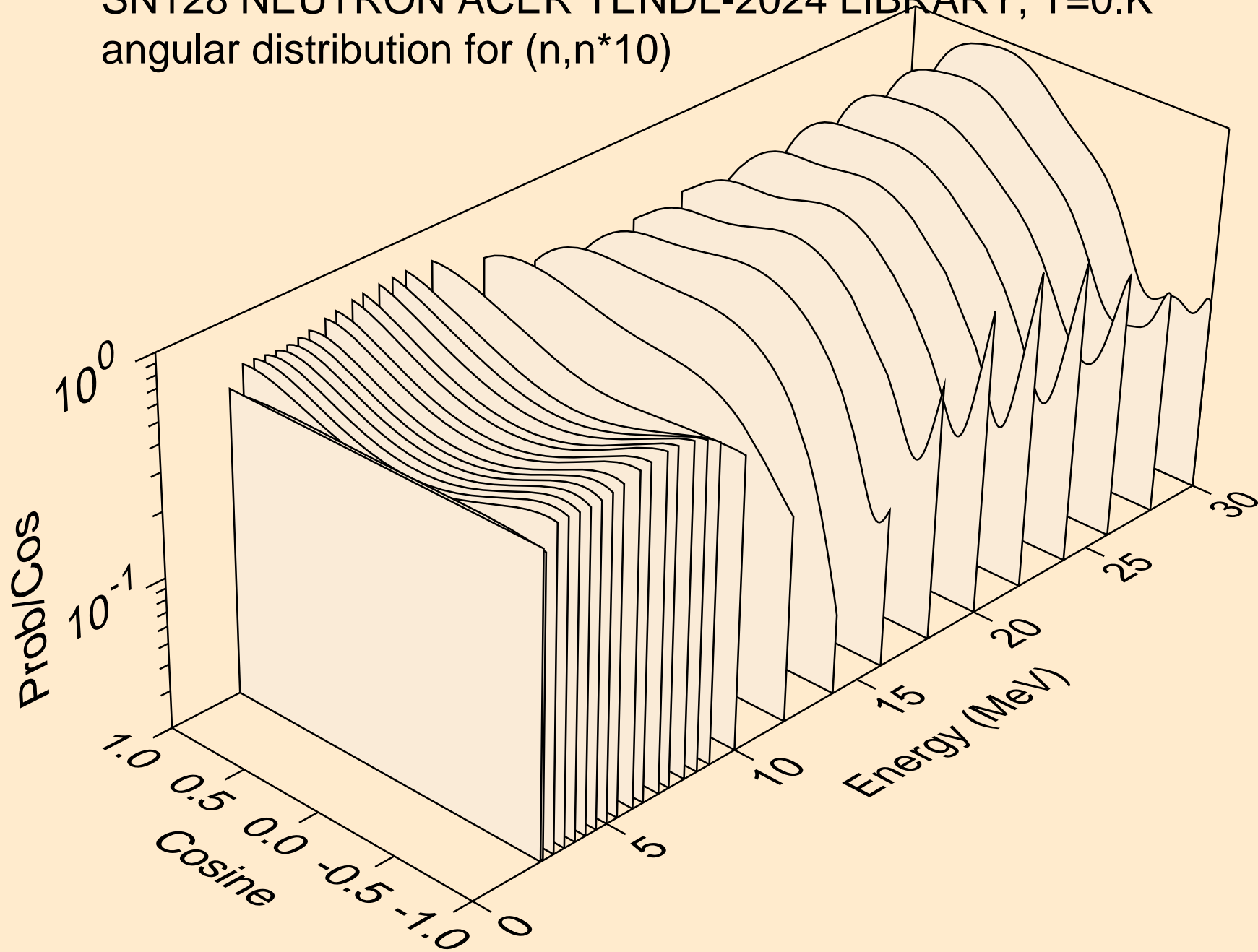
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



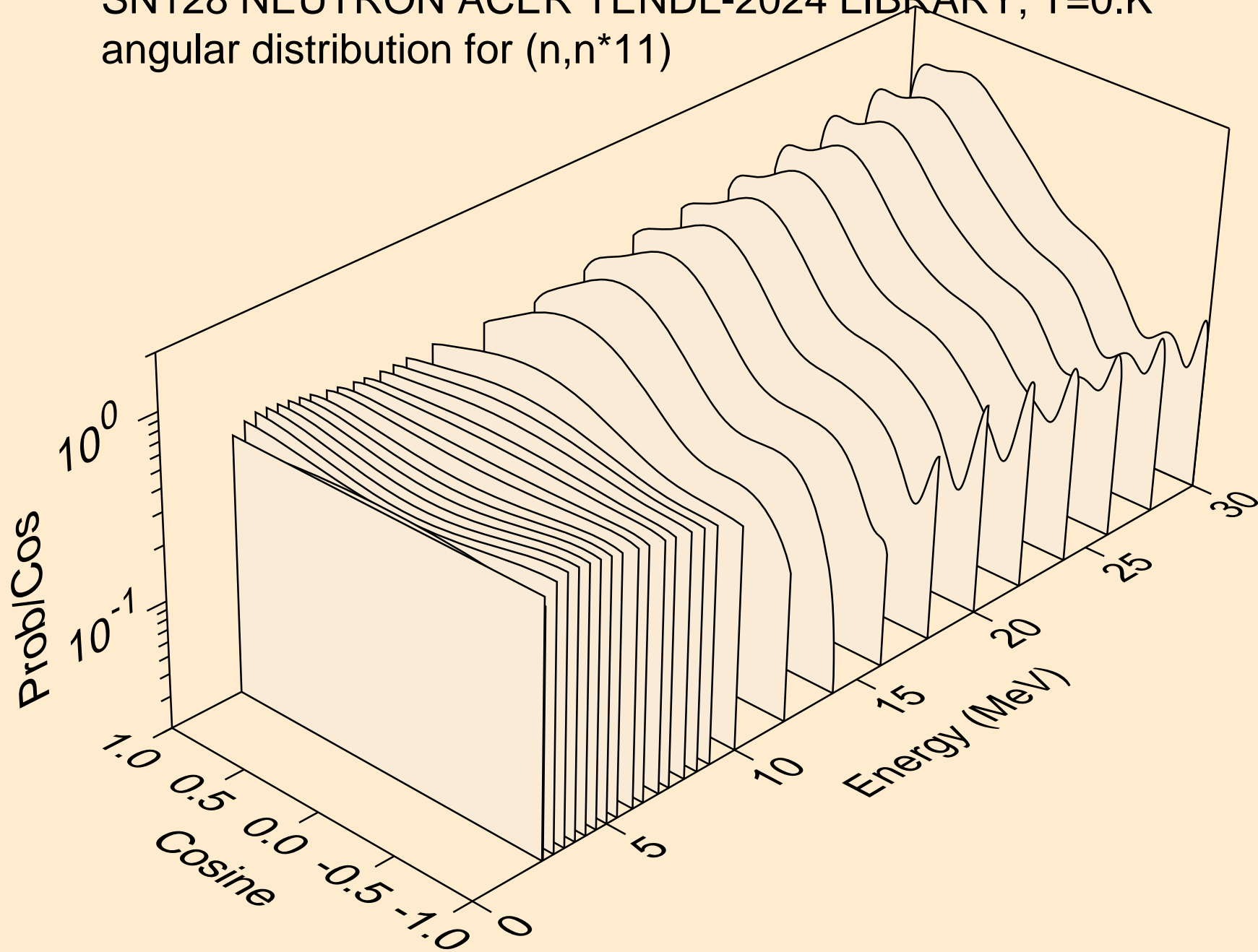
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



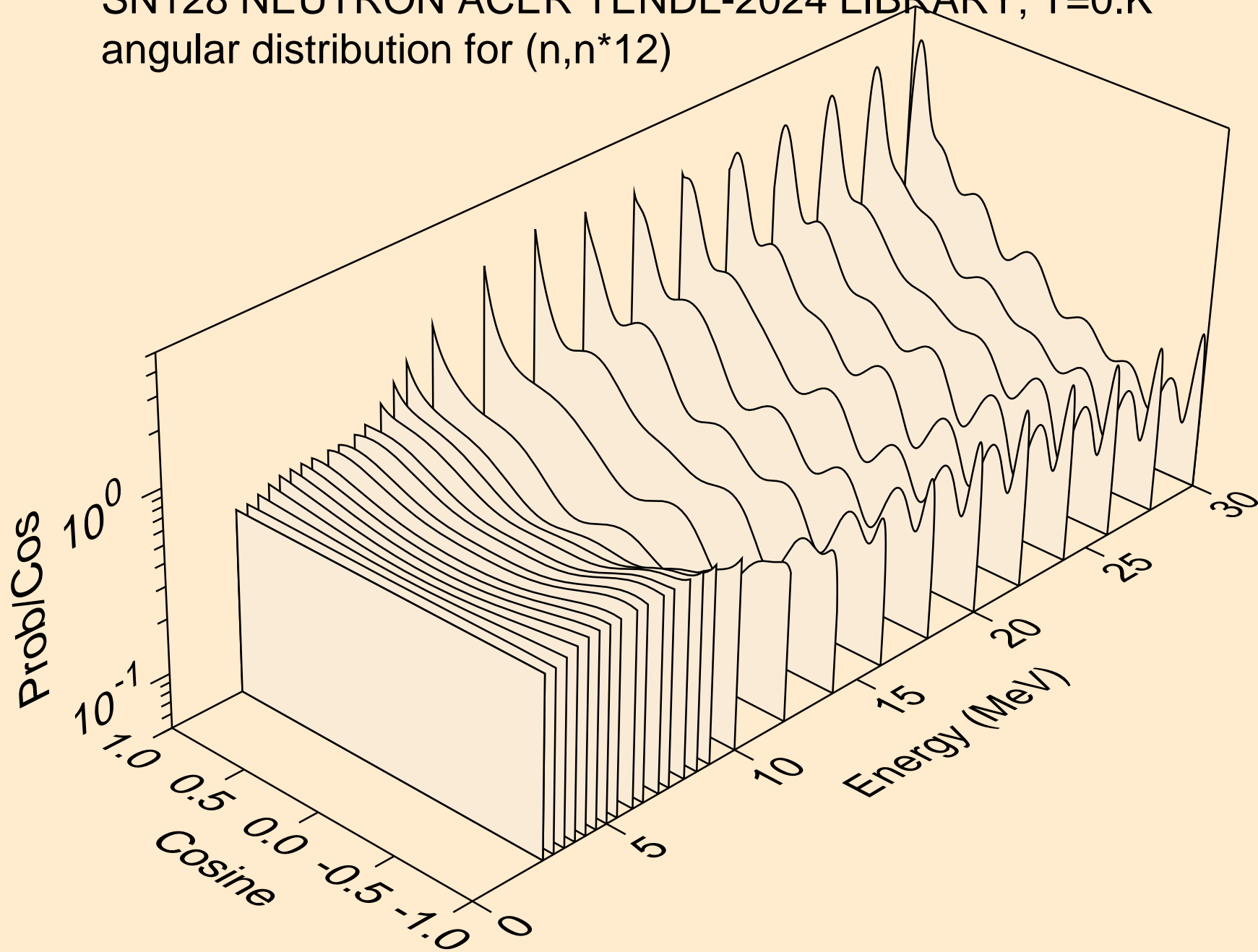
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



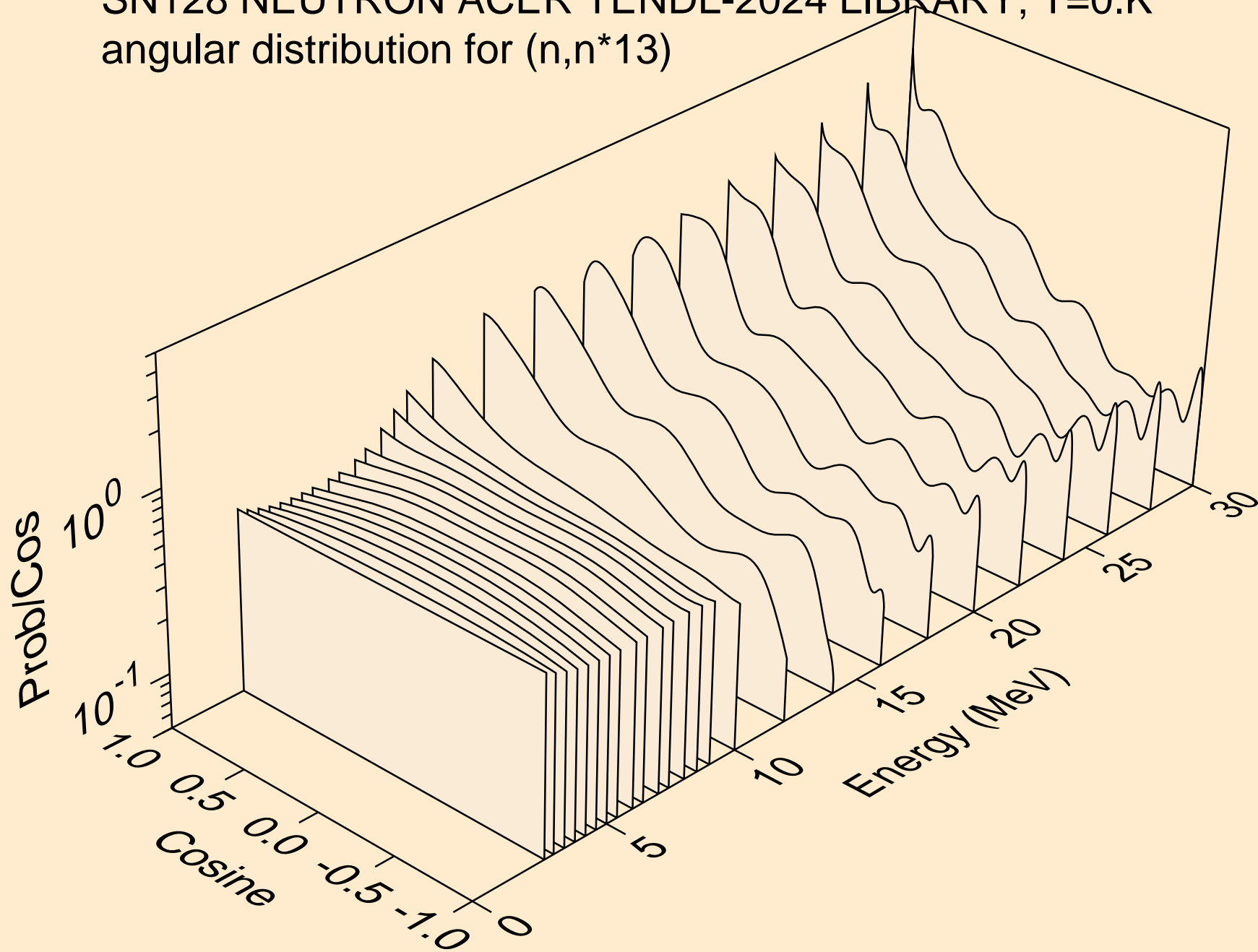
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

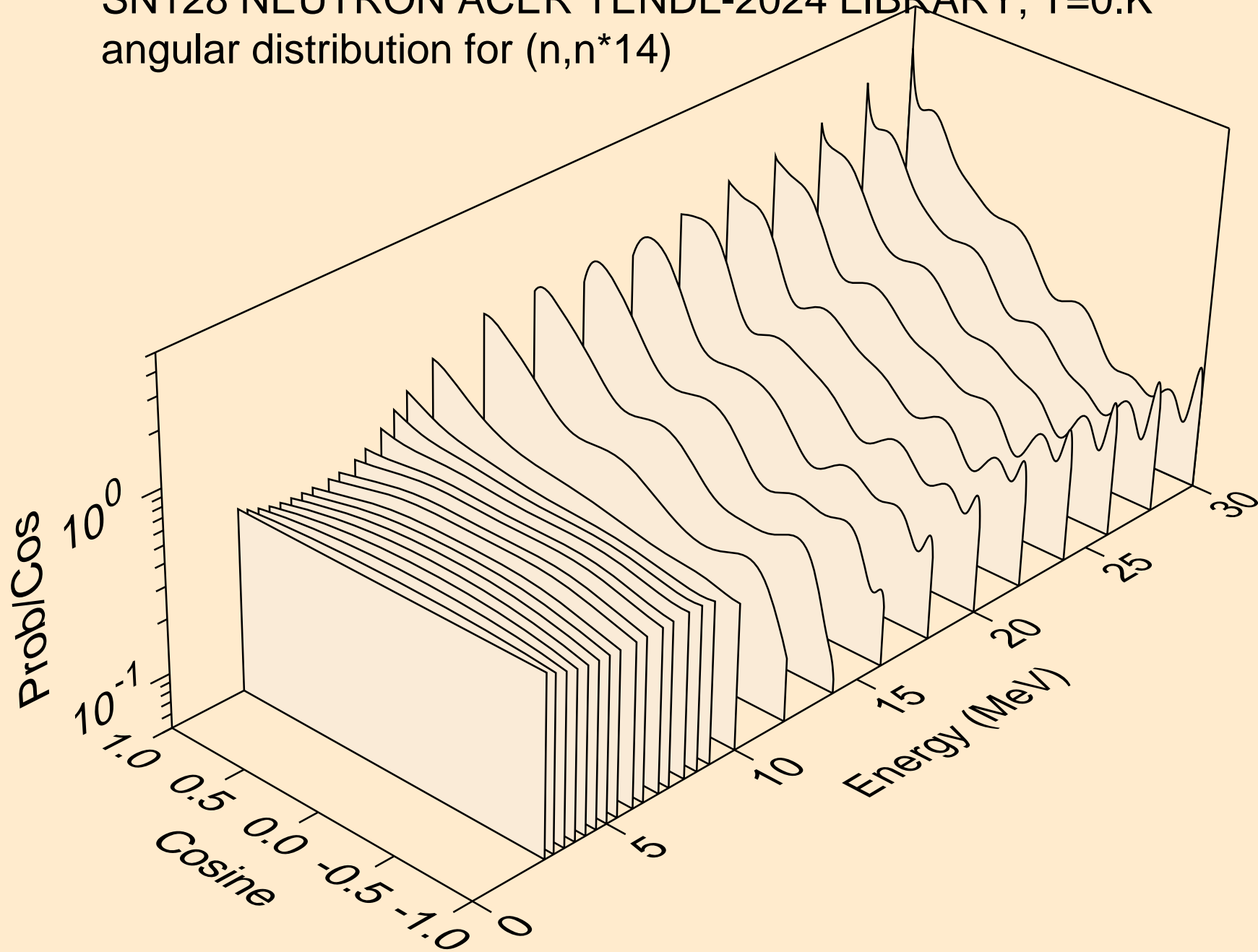


SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

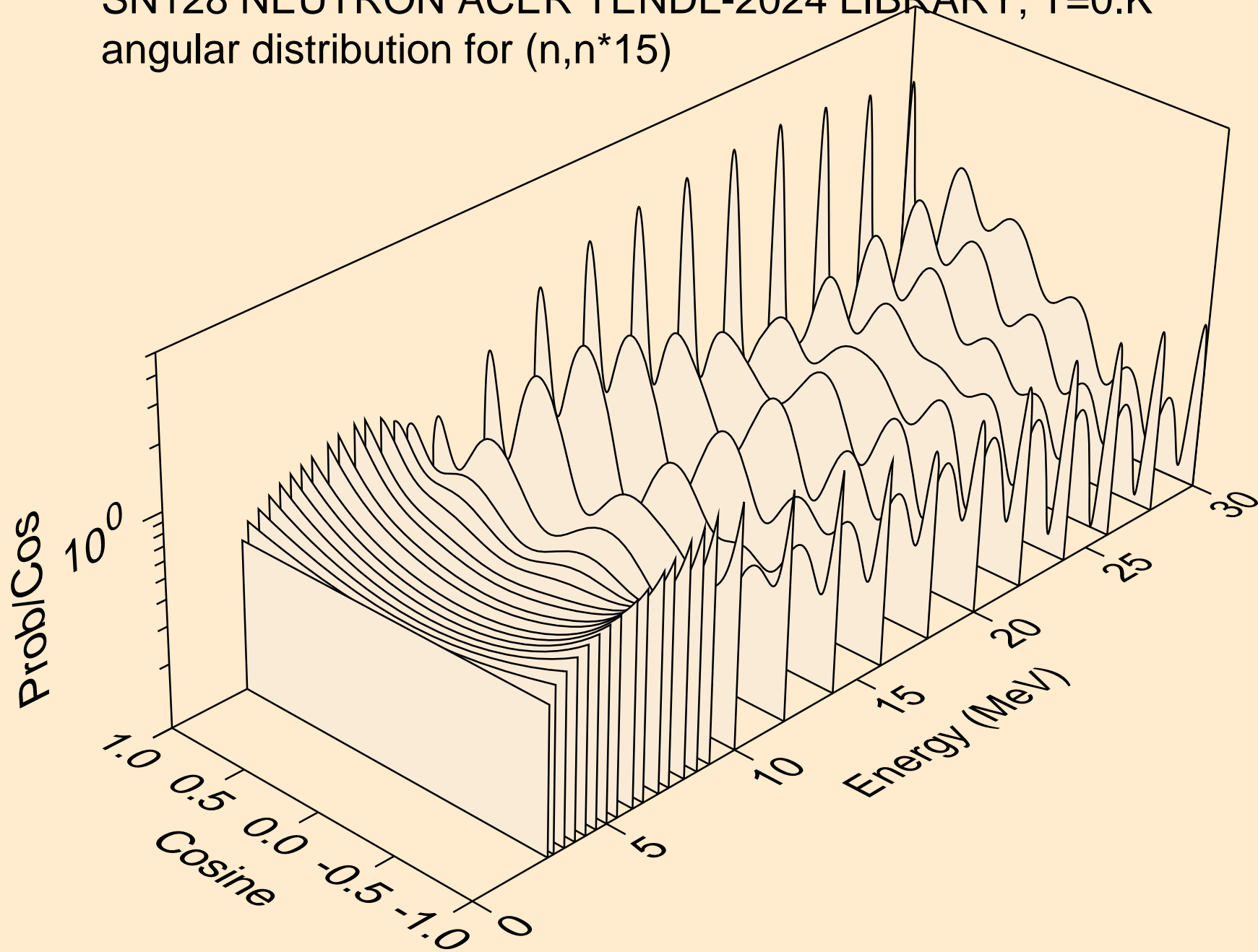




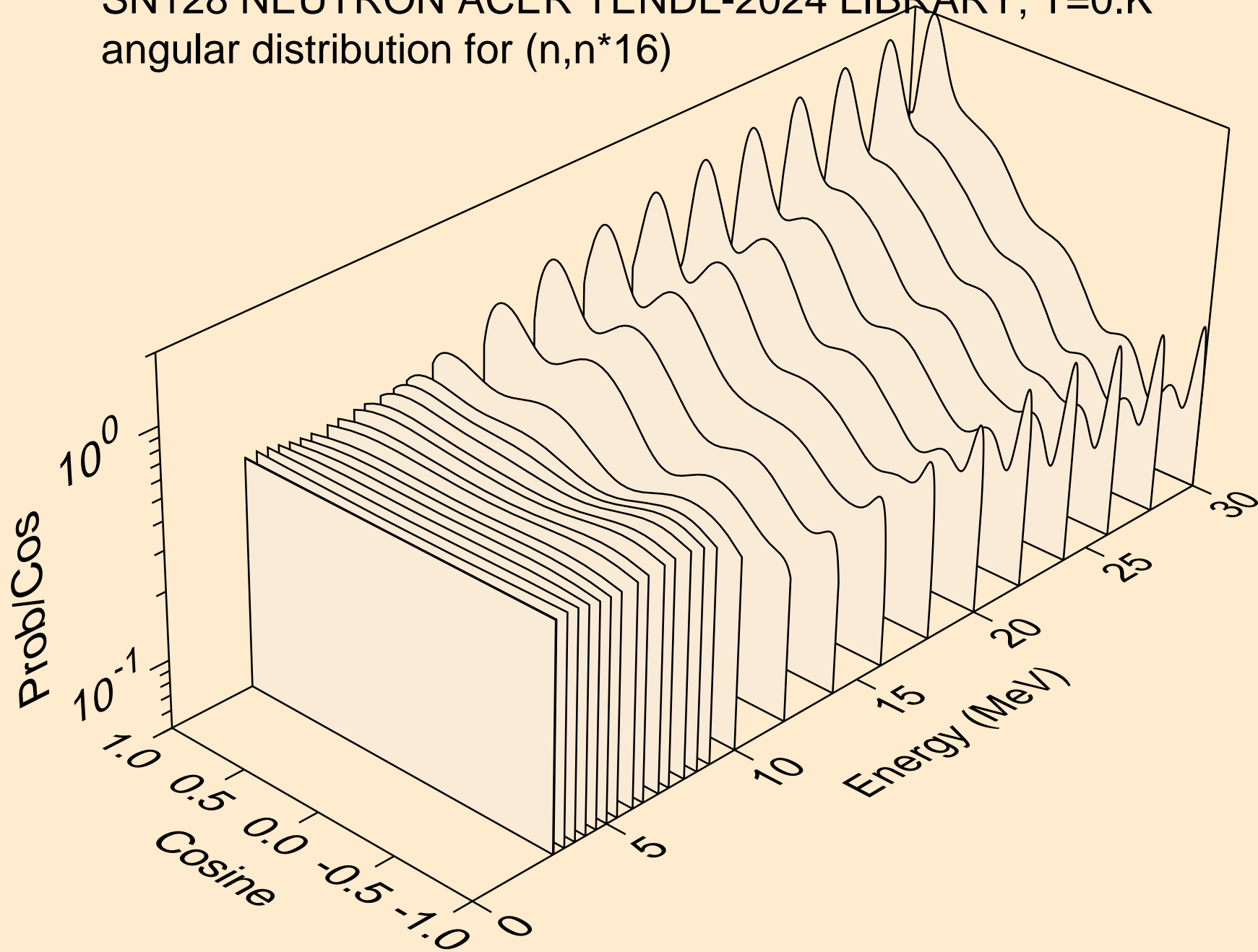
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



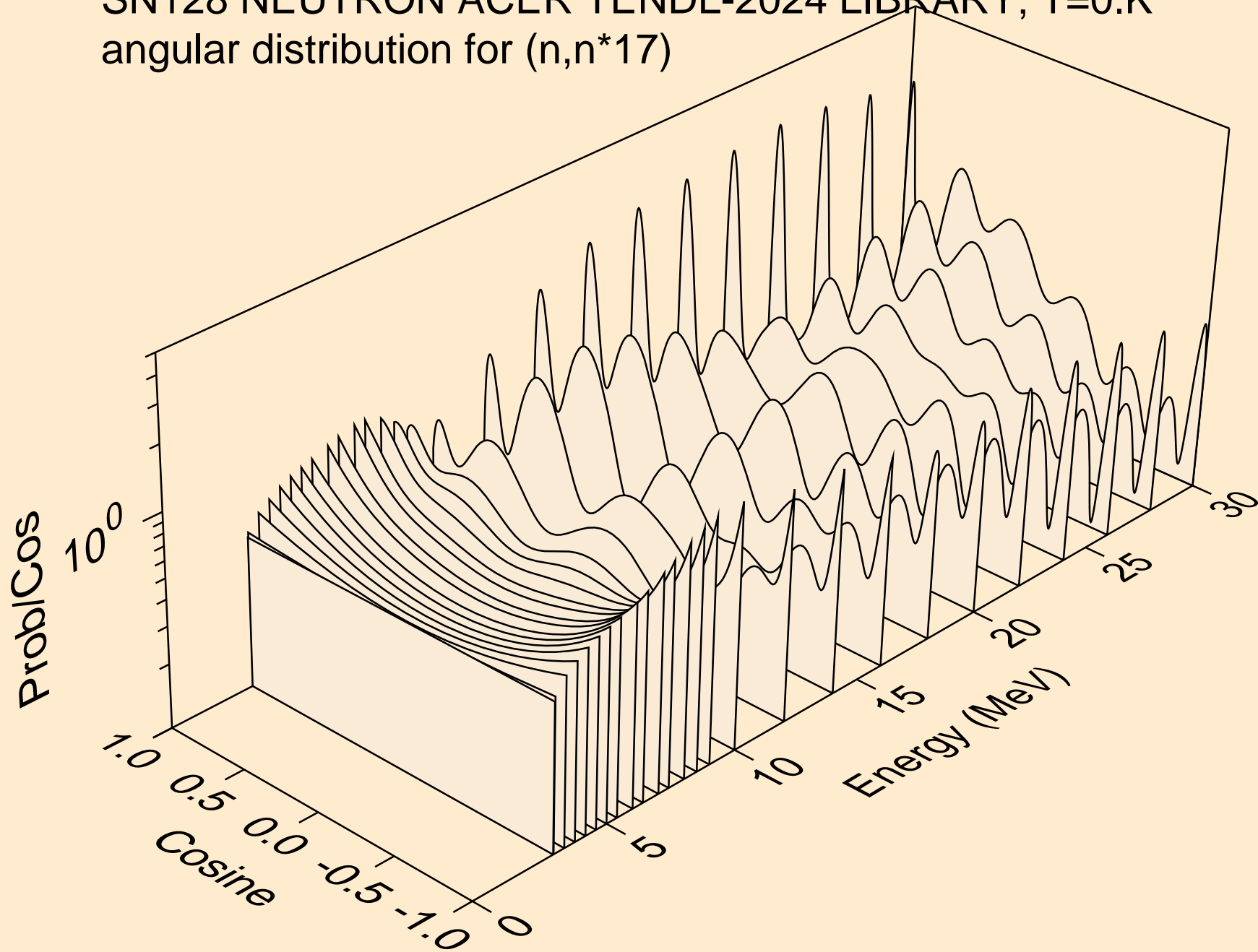
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



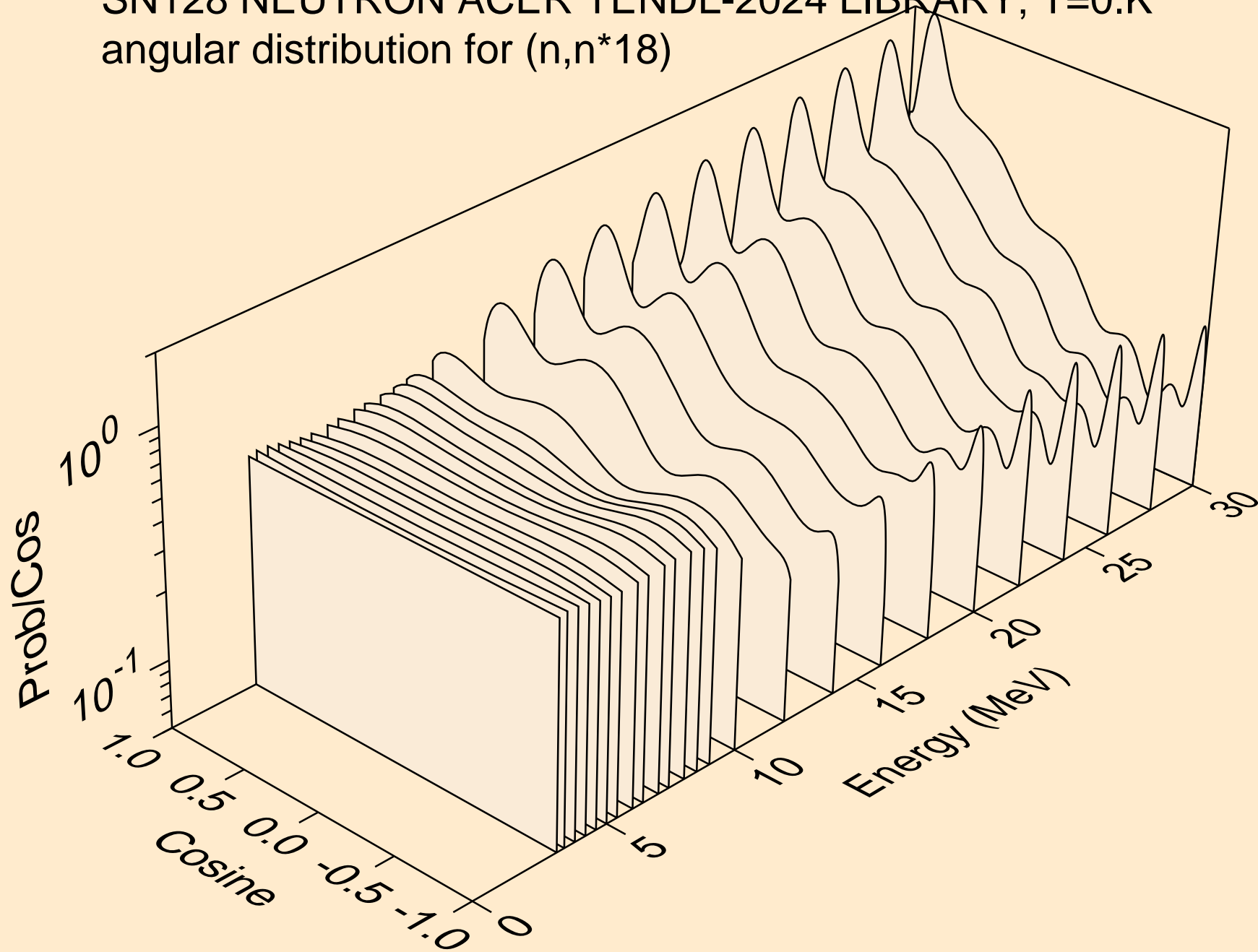
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



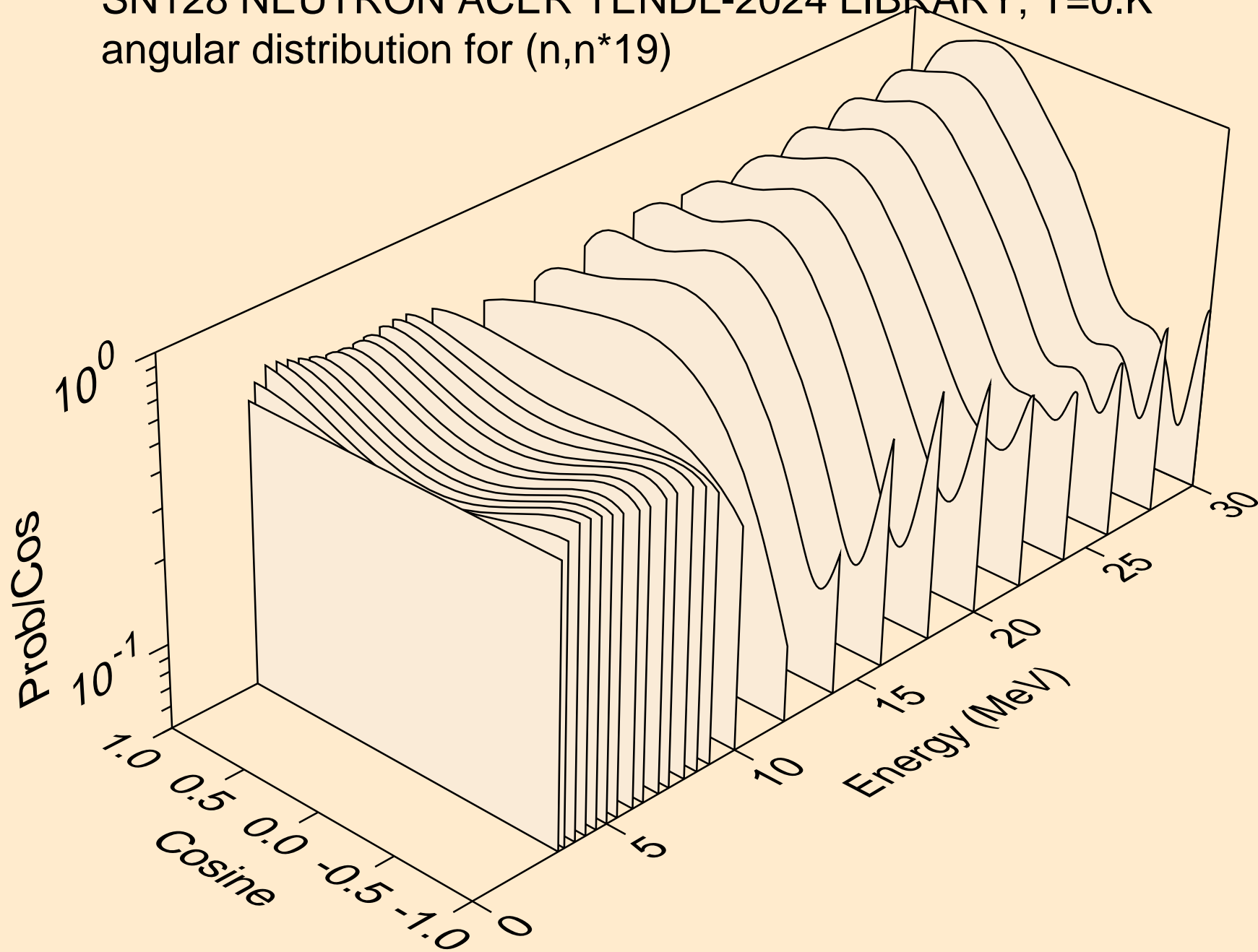
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



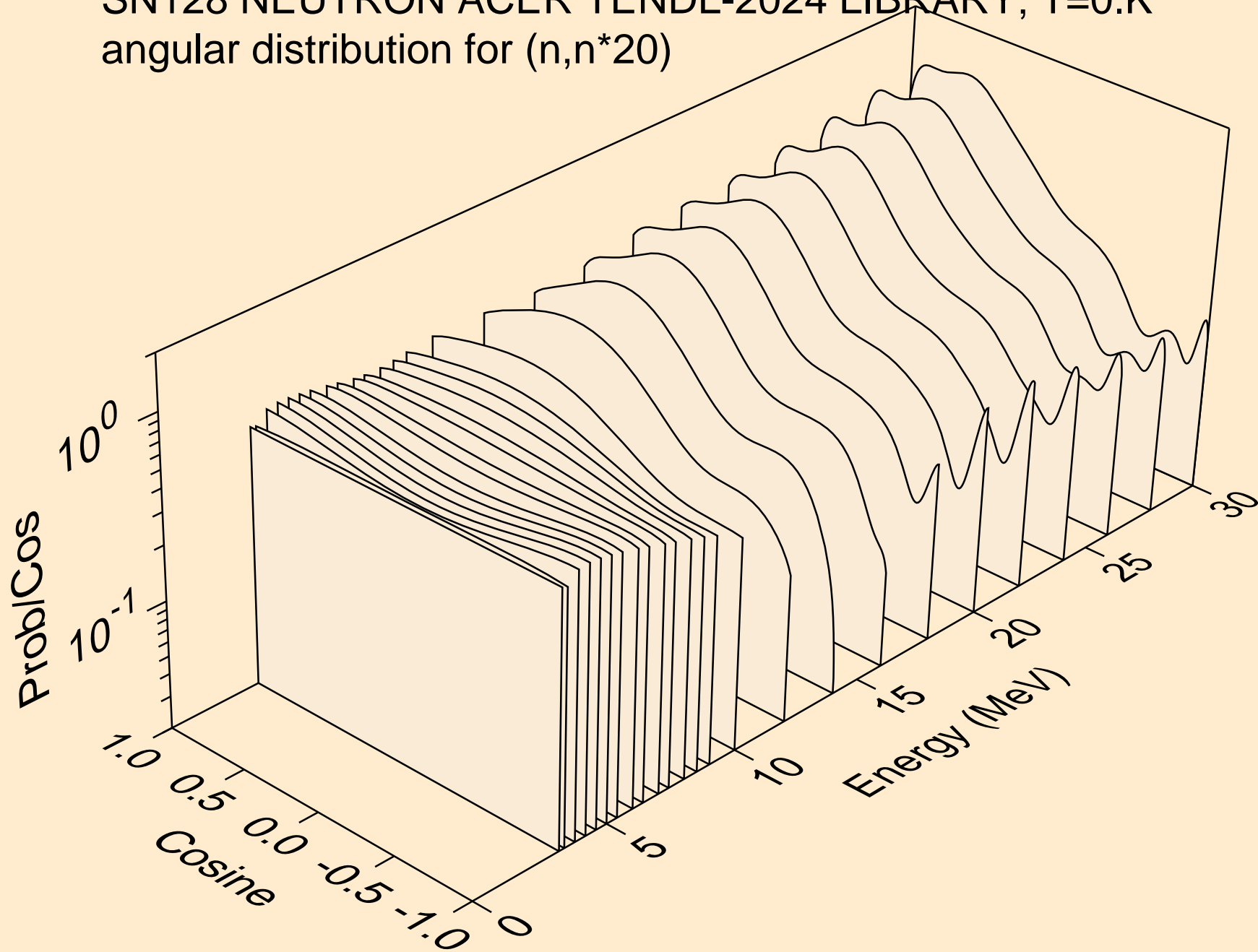
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angular distribution for (n,n\*18)



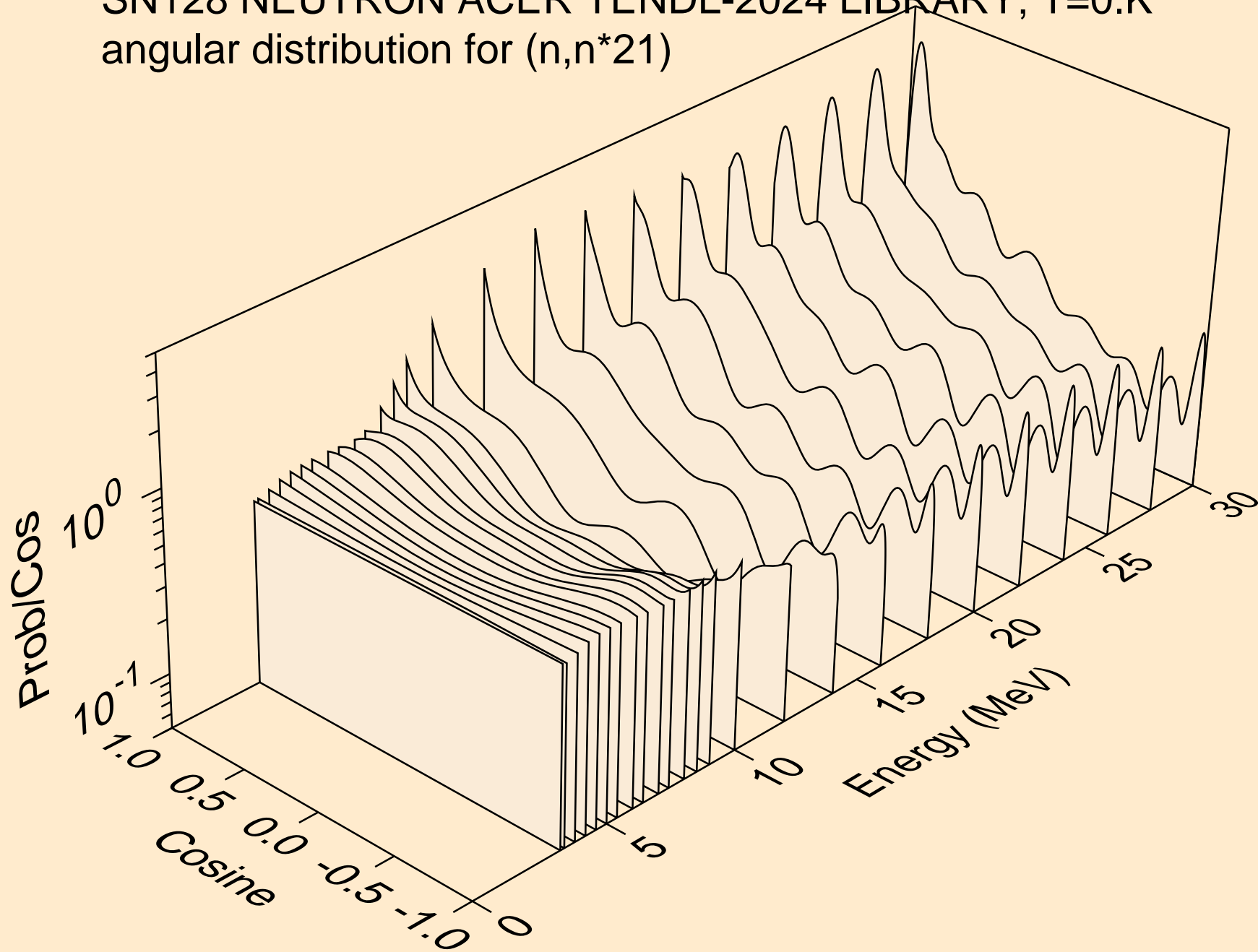
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)

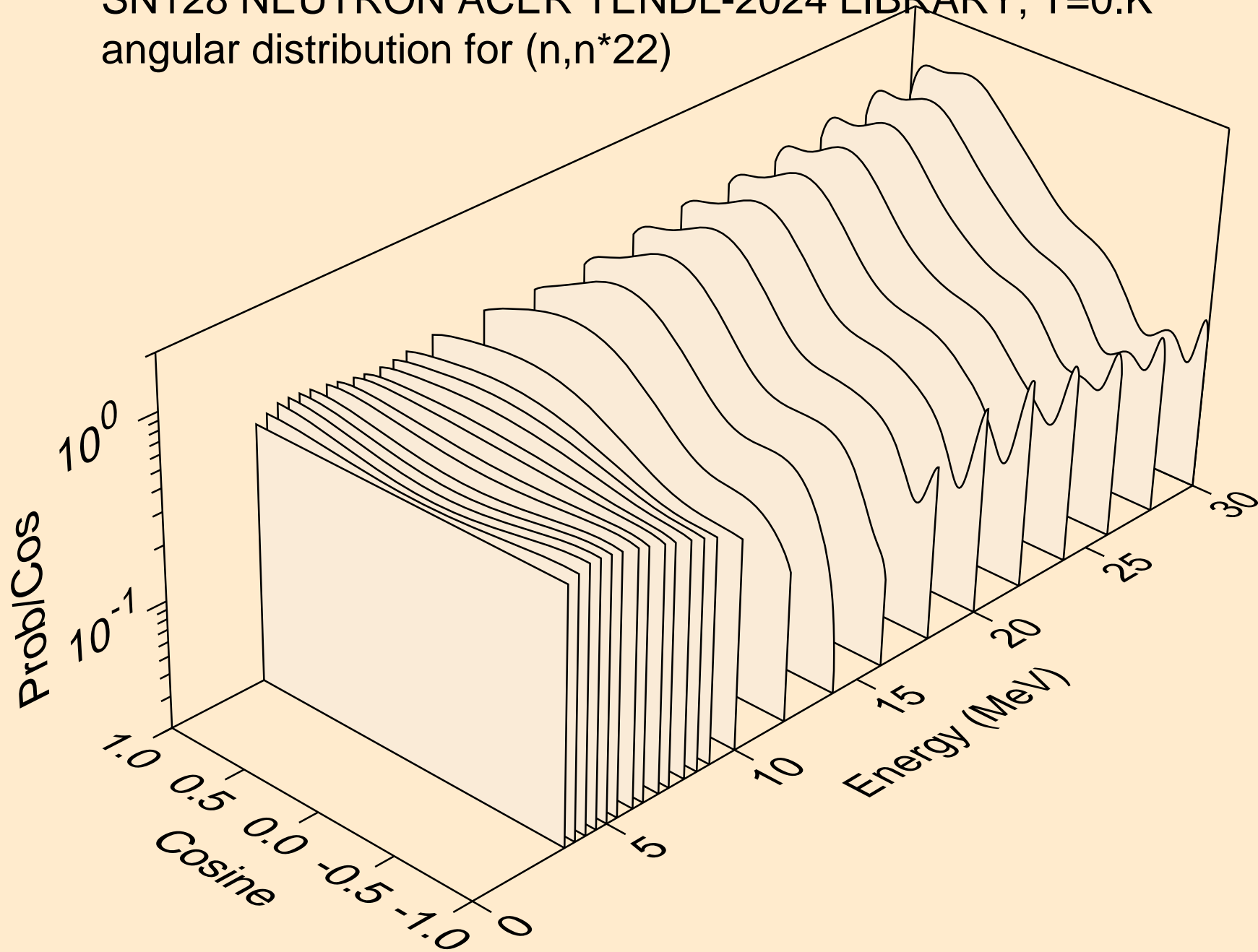


SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)

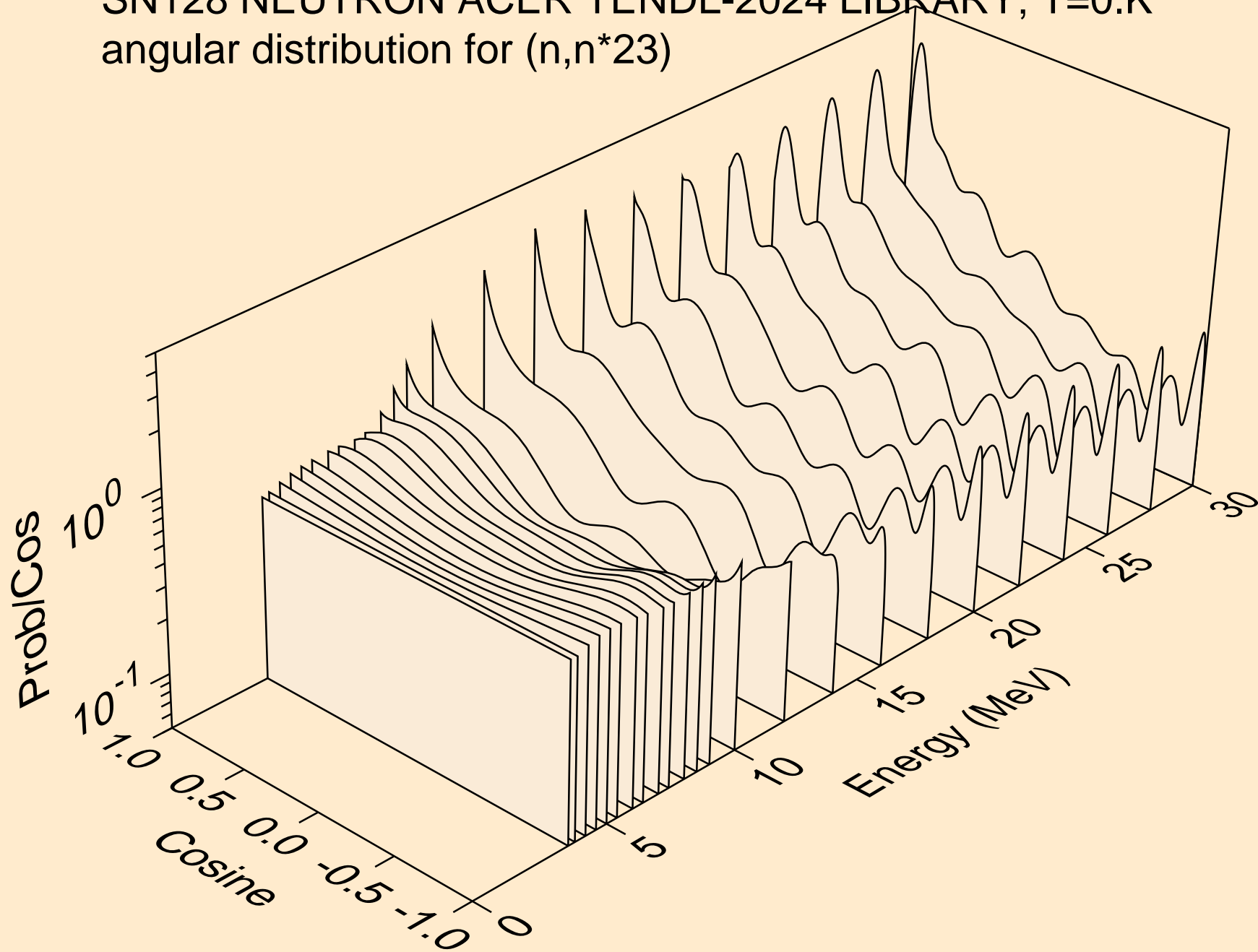




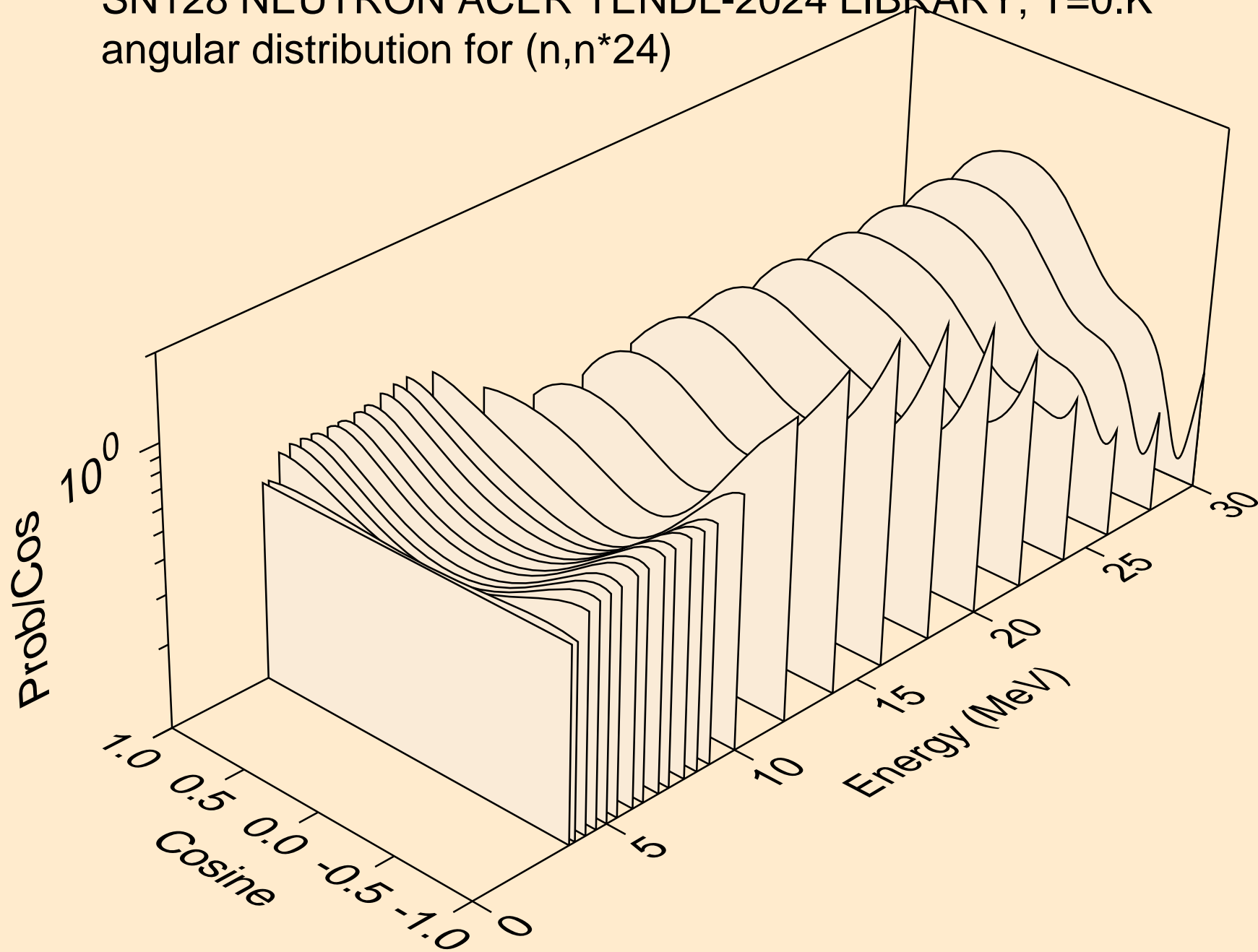
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angular distribution for (n,n\*22)



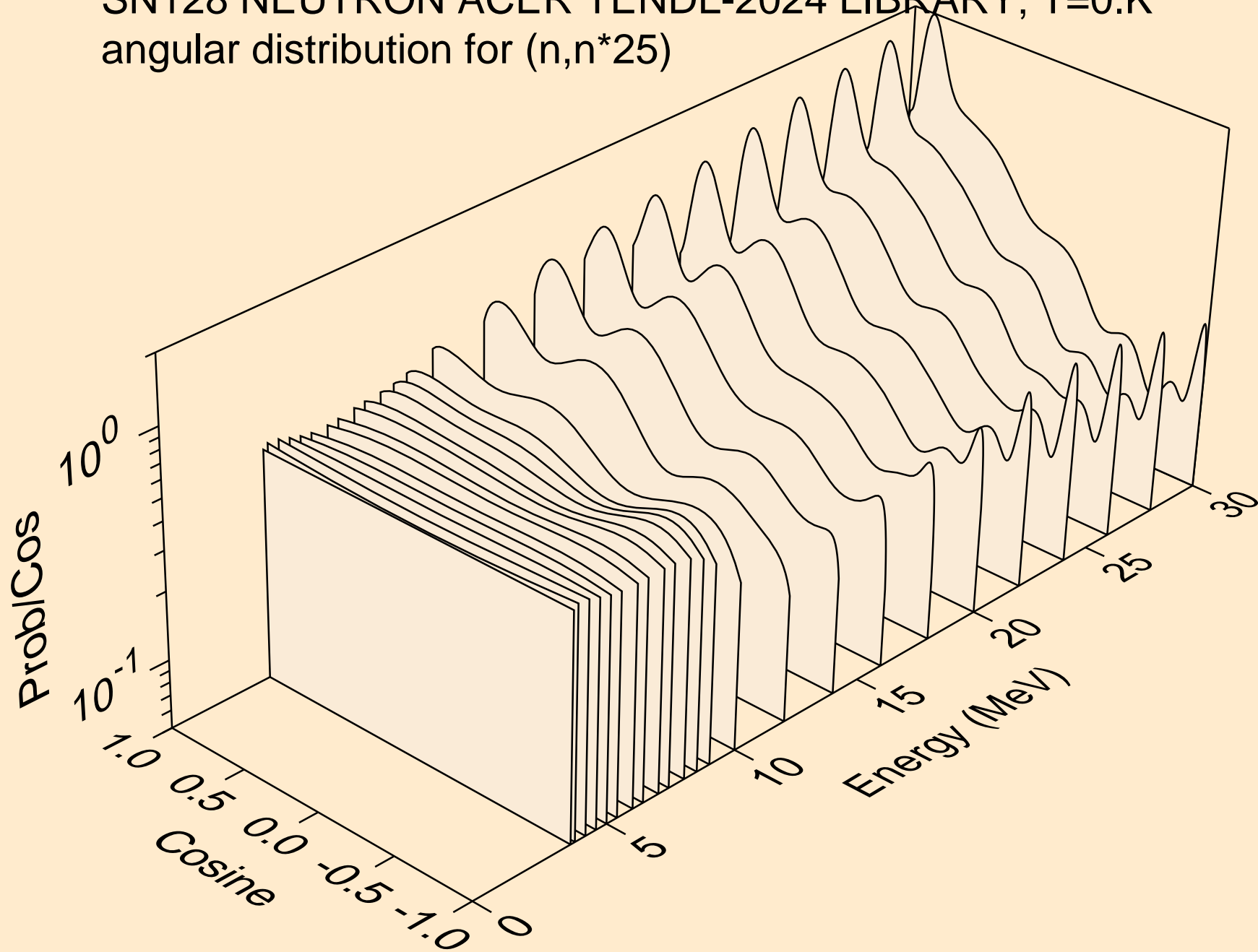
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angular distribution for (n,n\*23)



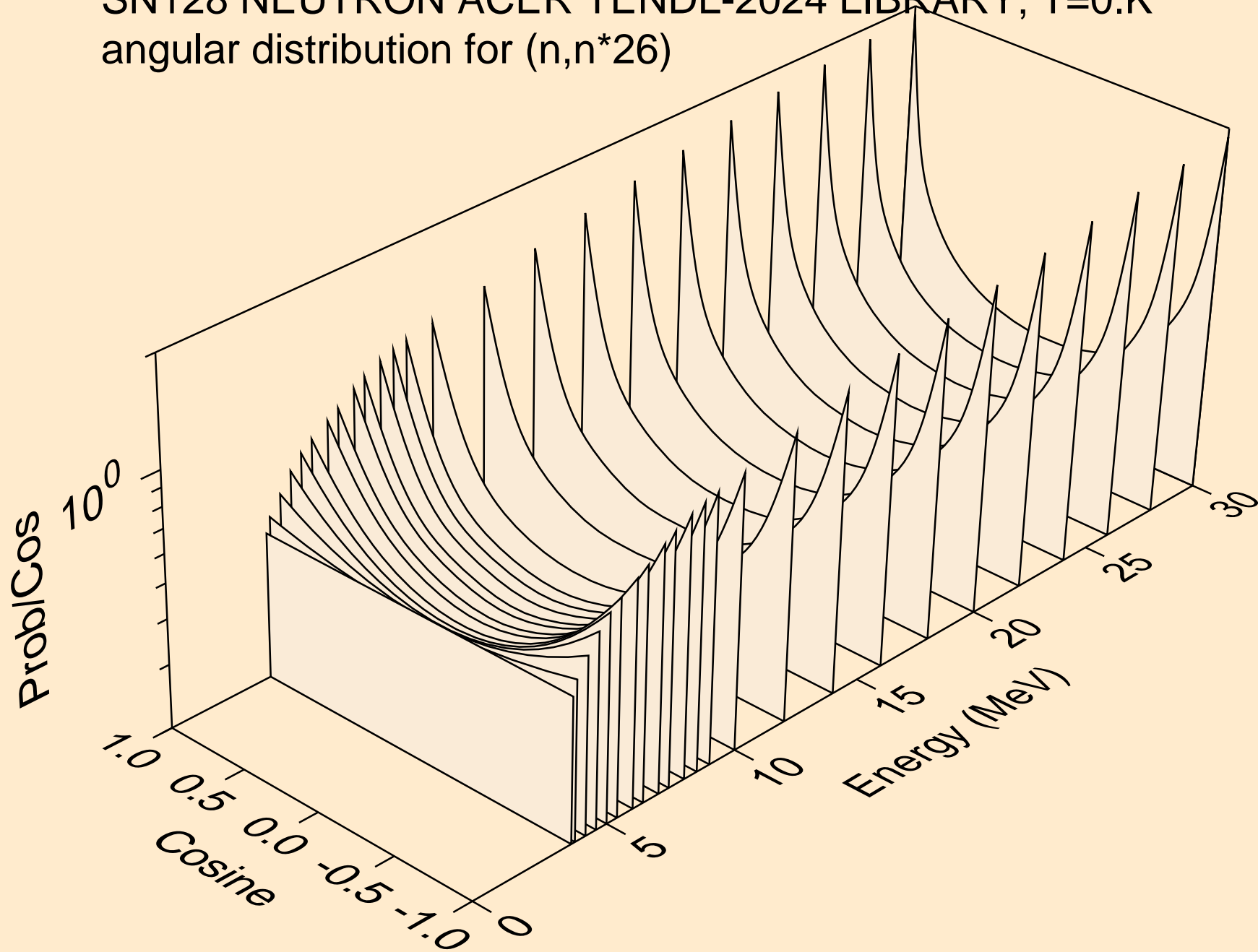
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



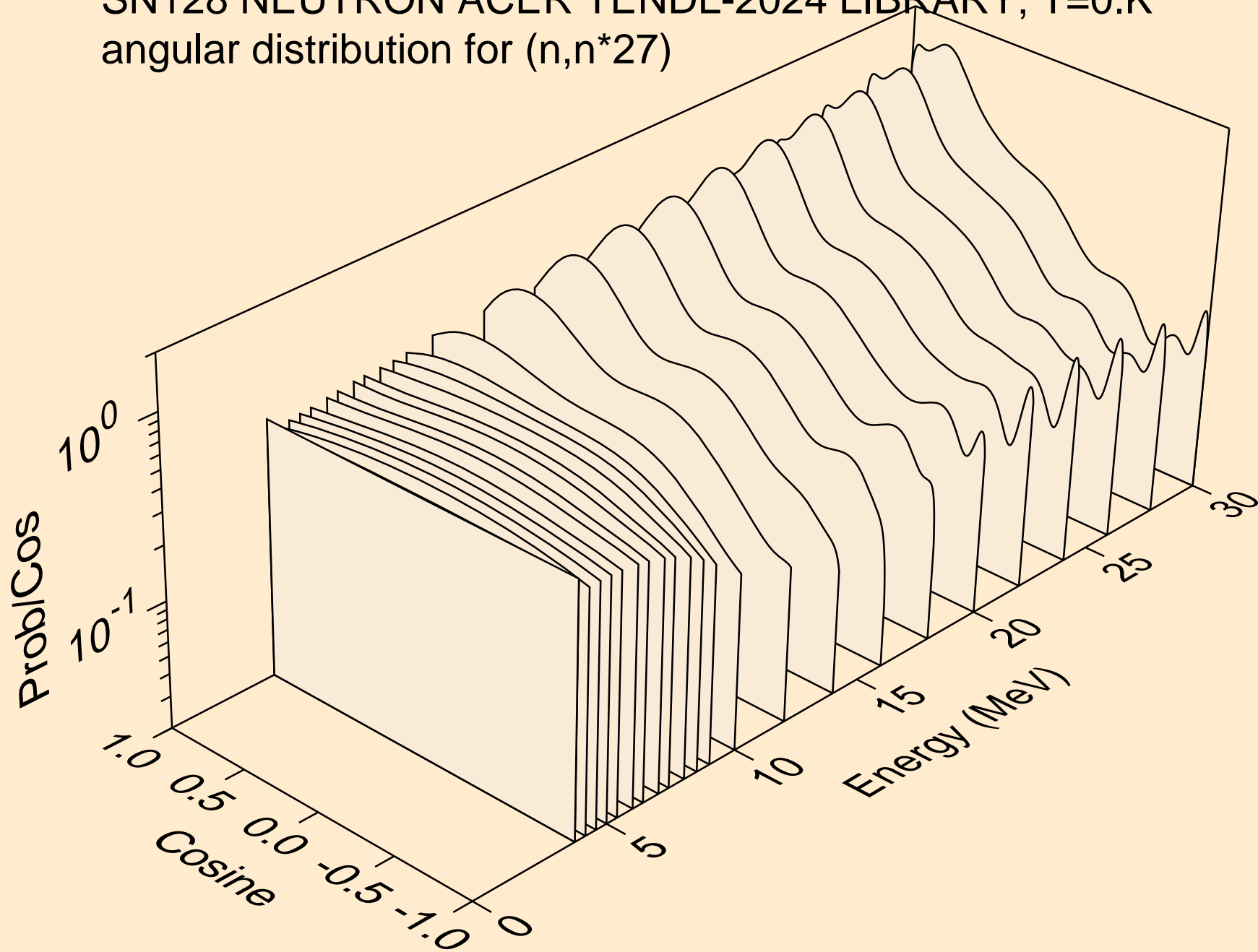
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



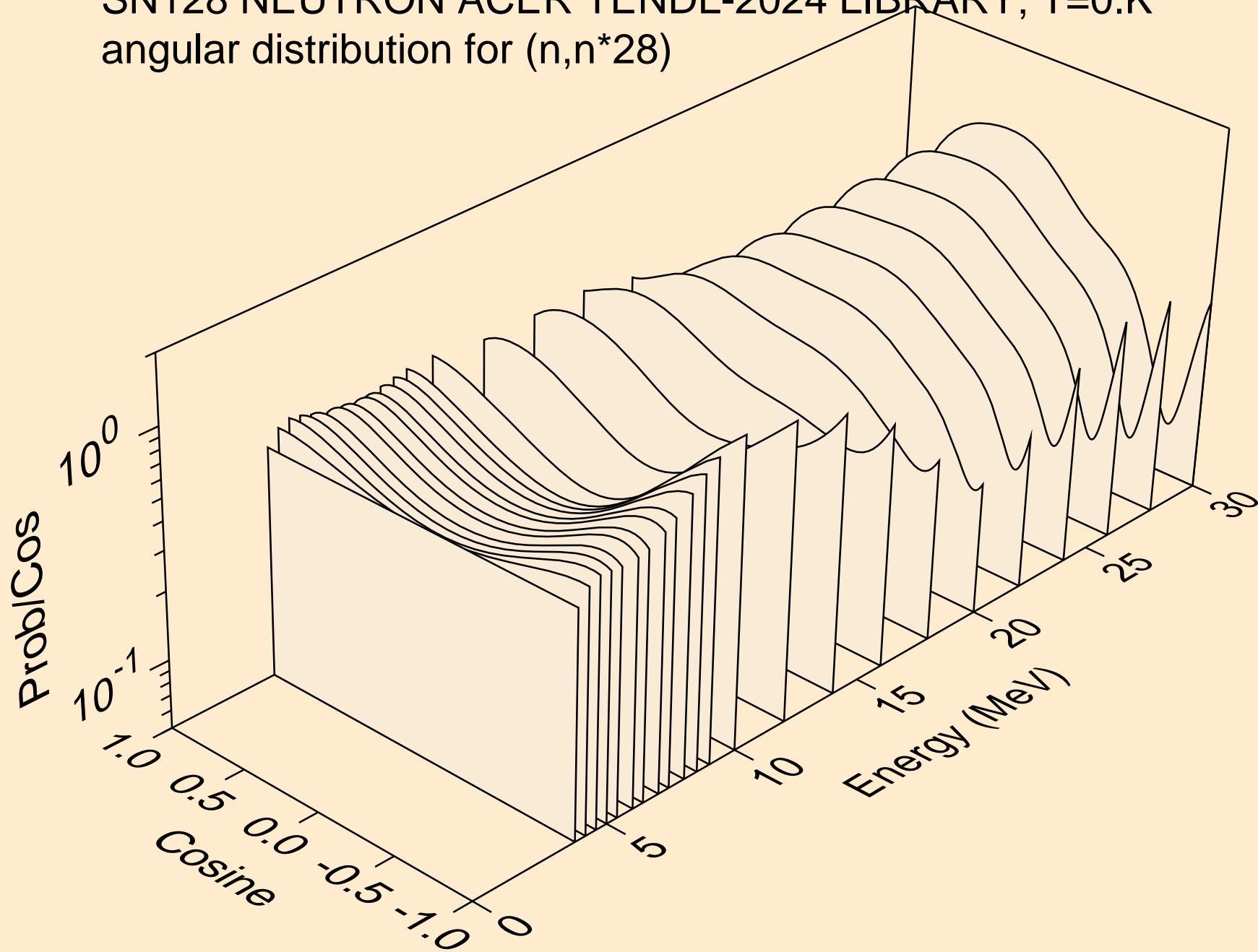
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



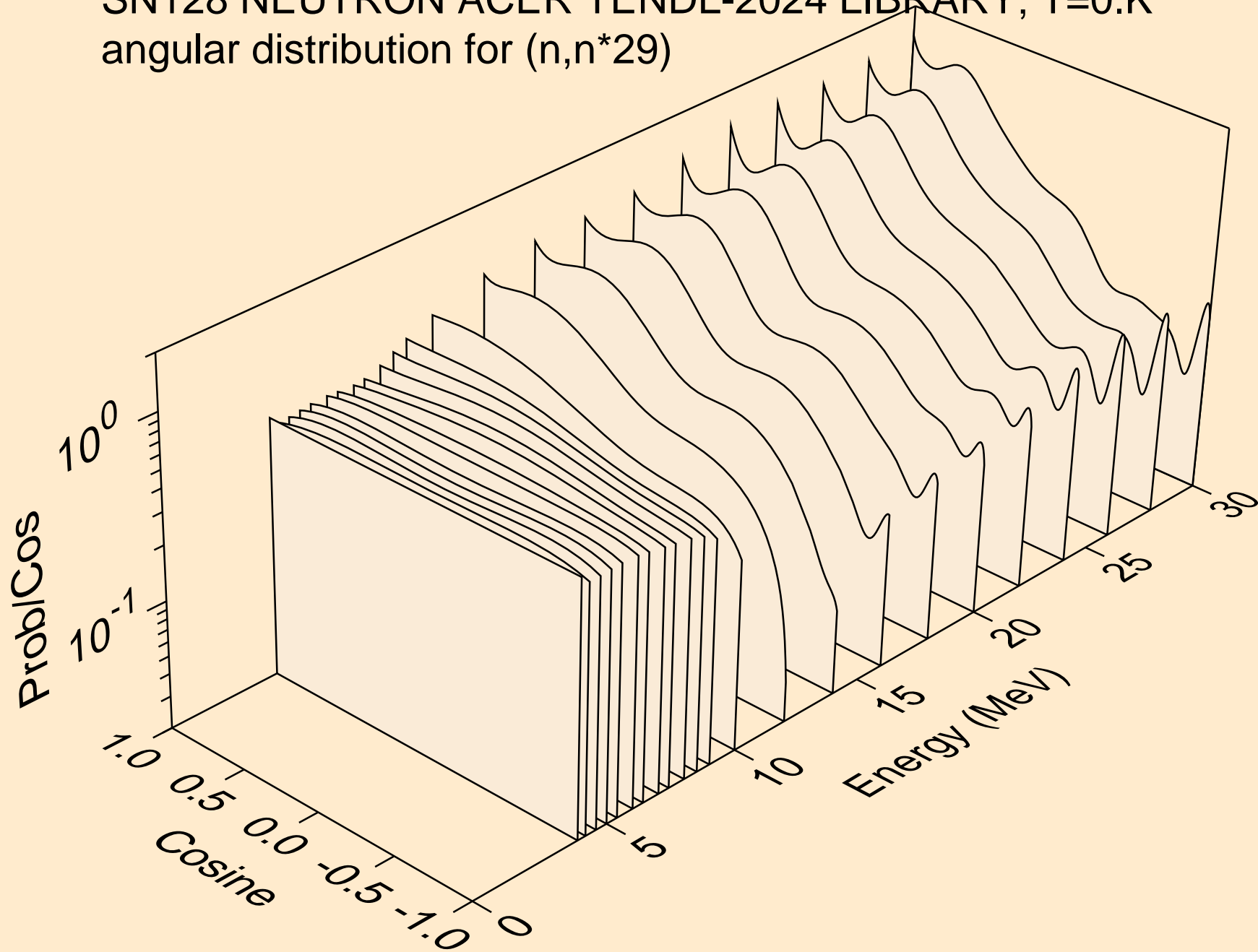
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)

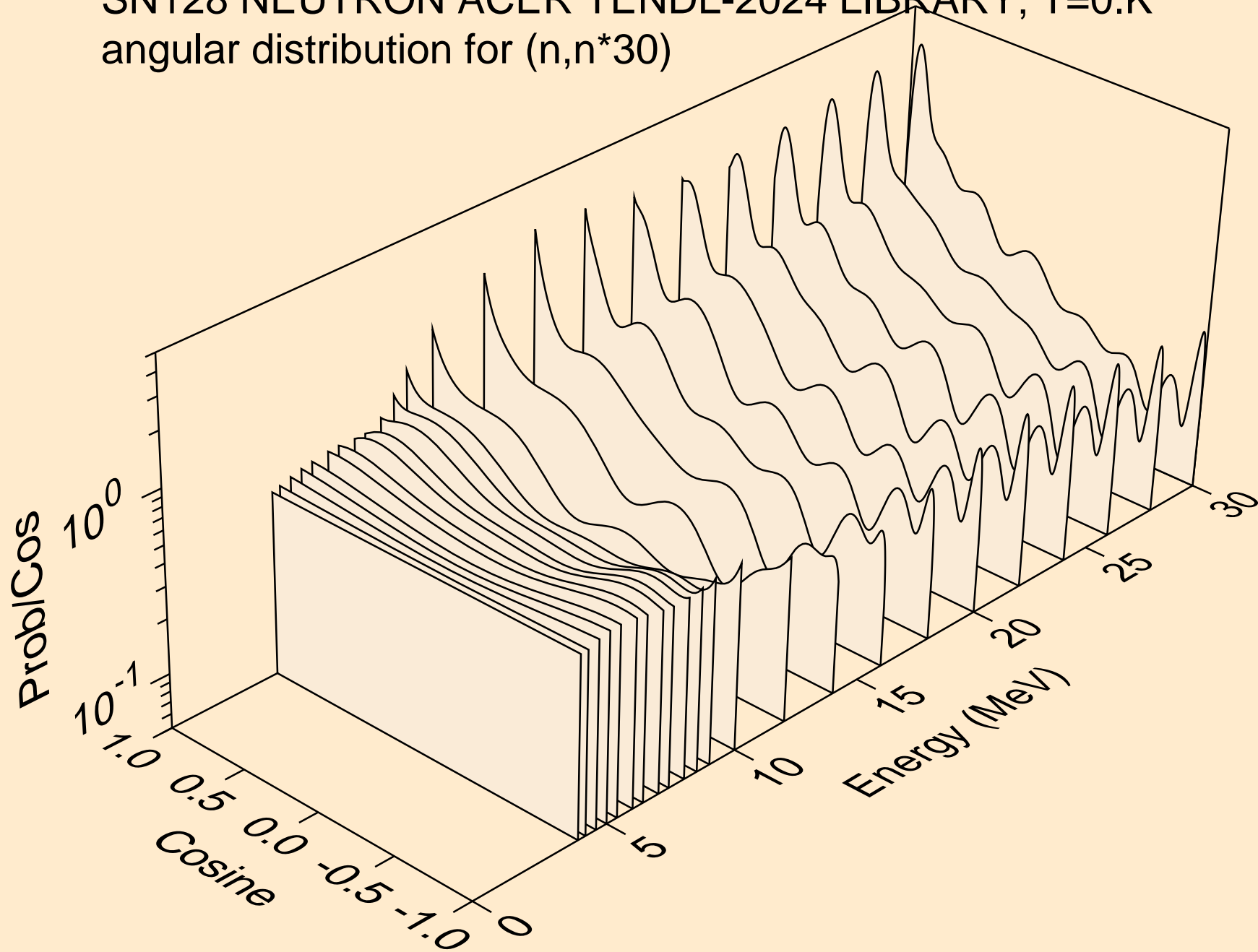


SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)

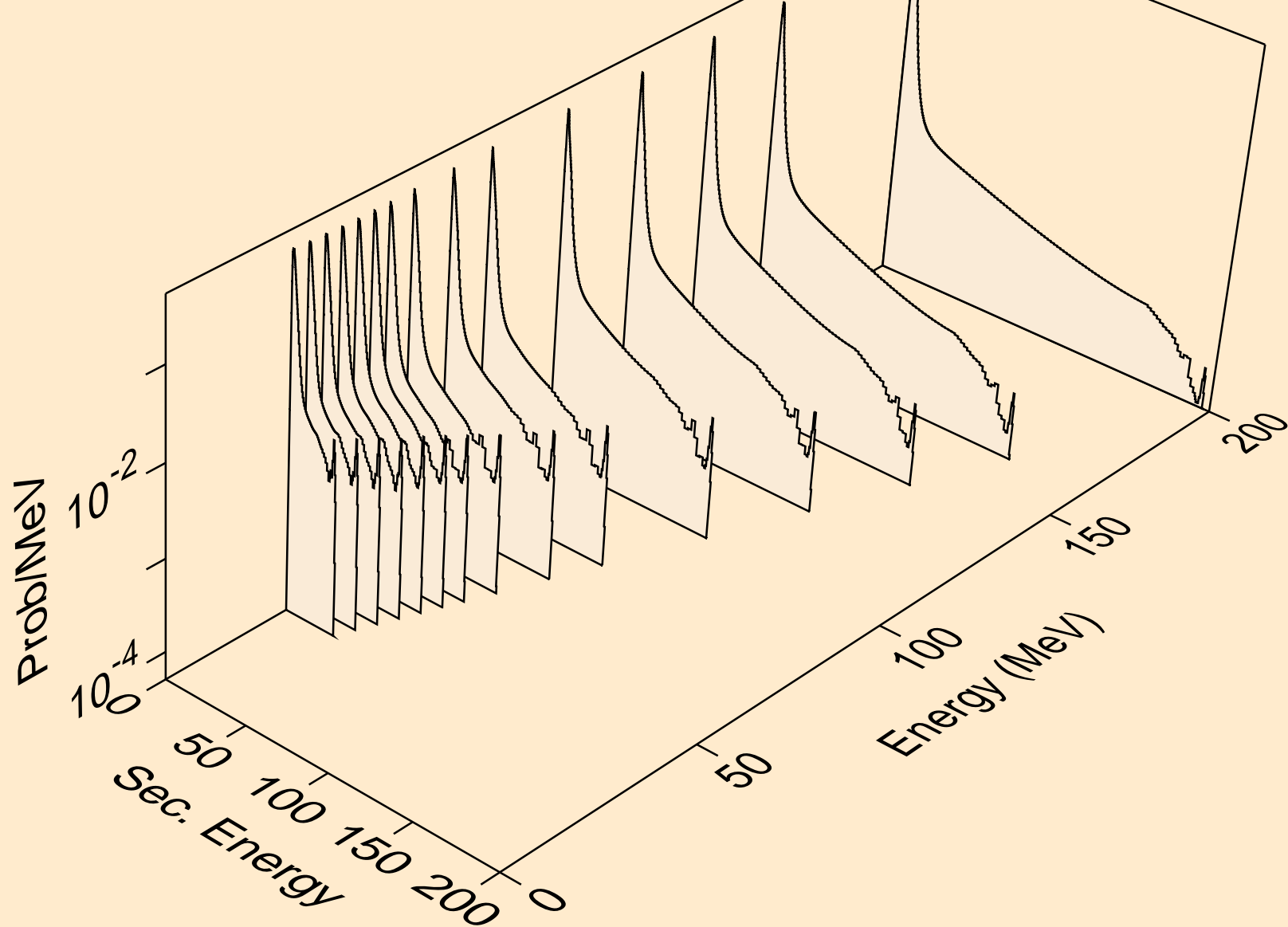




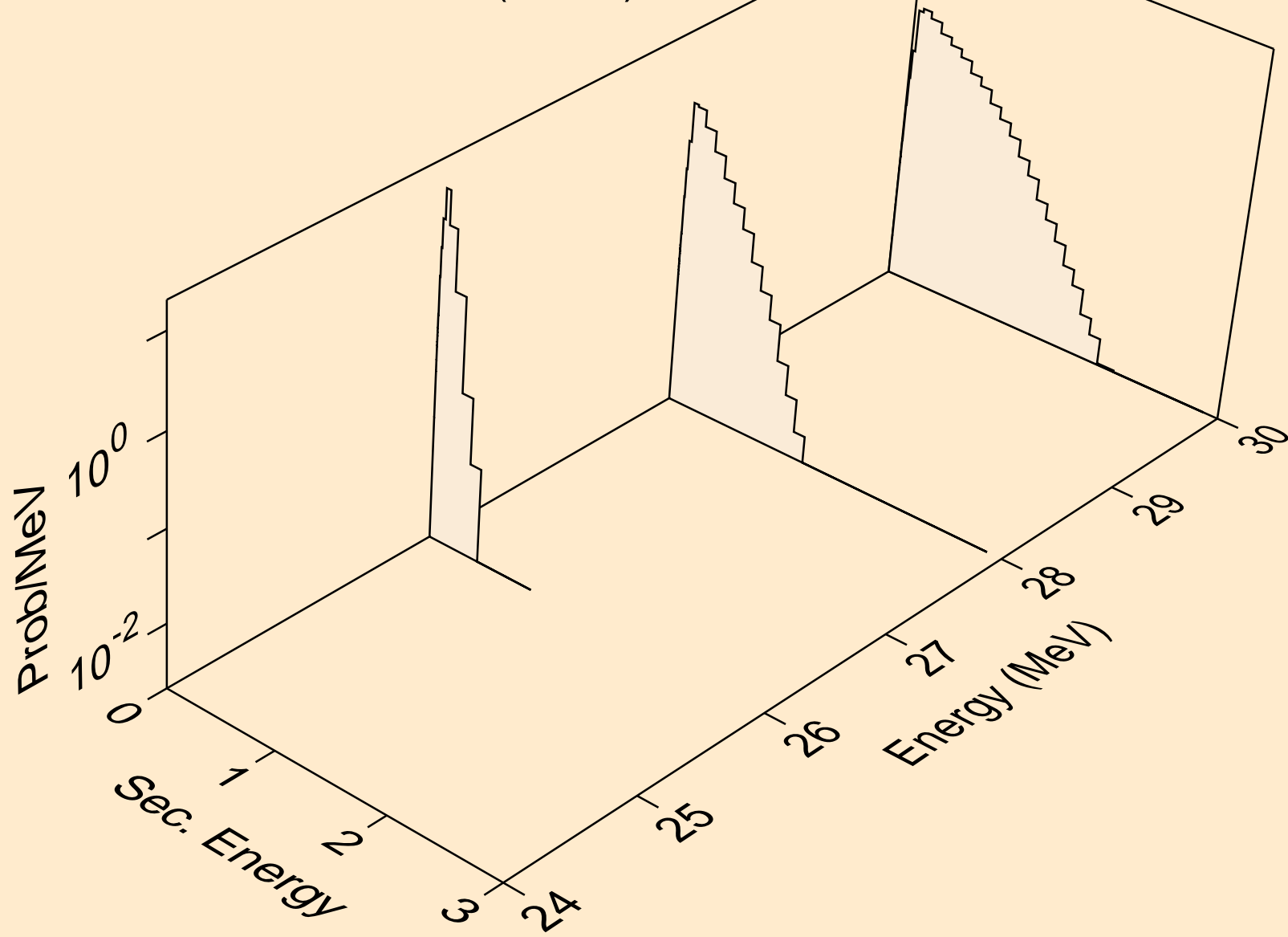
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



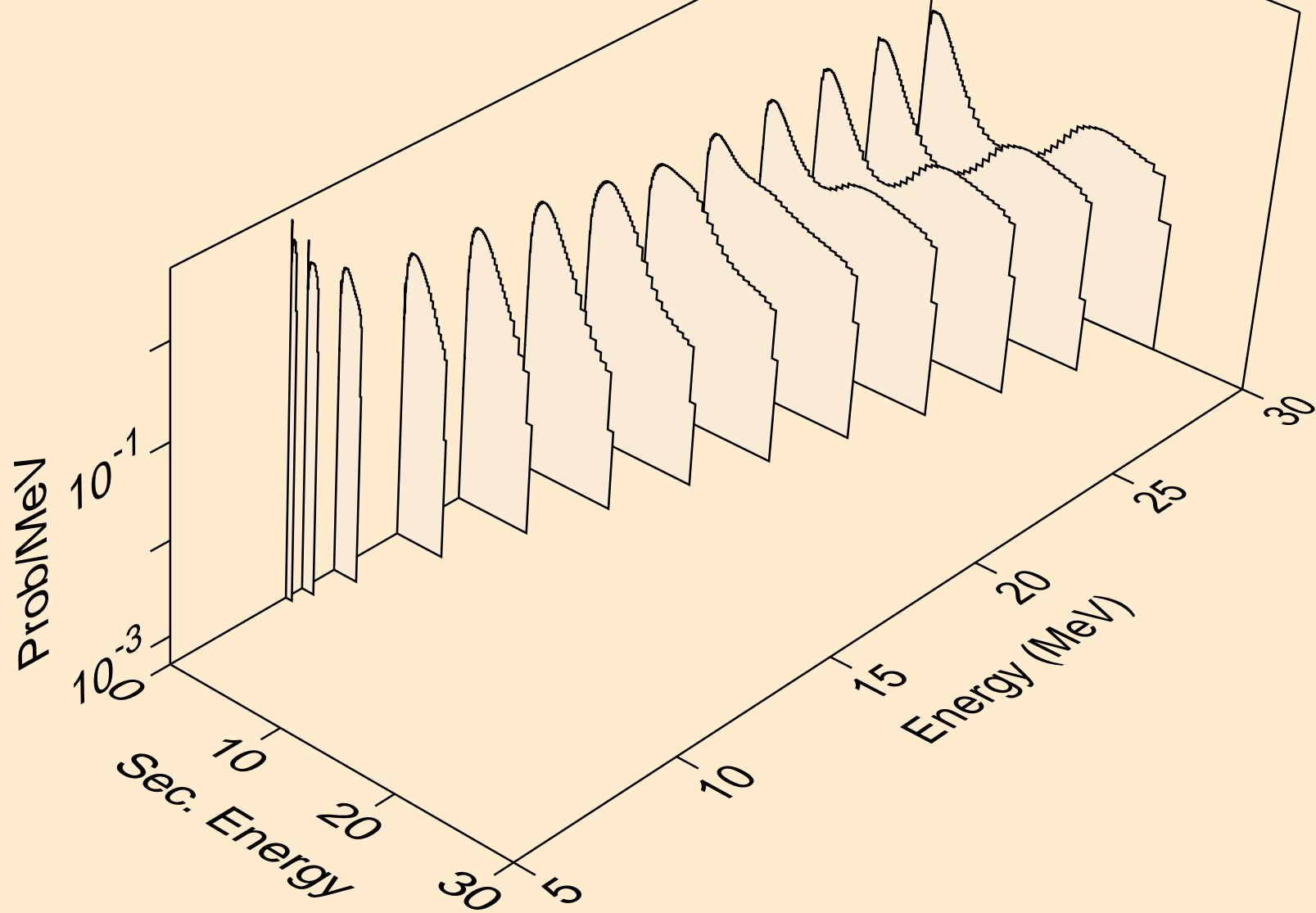
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



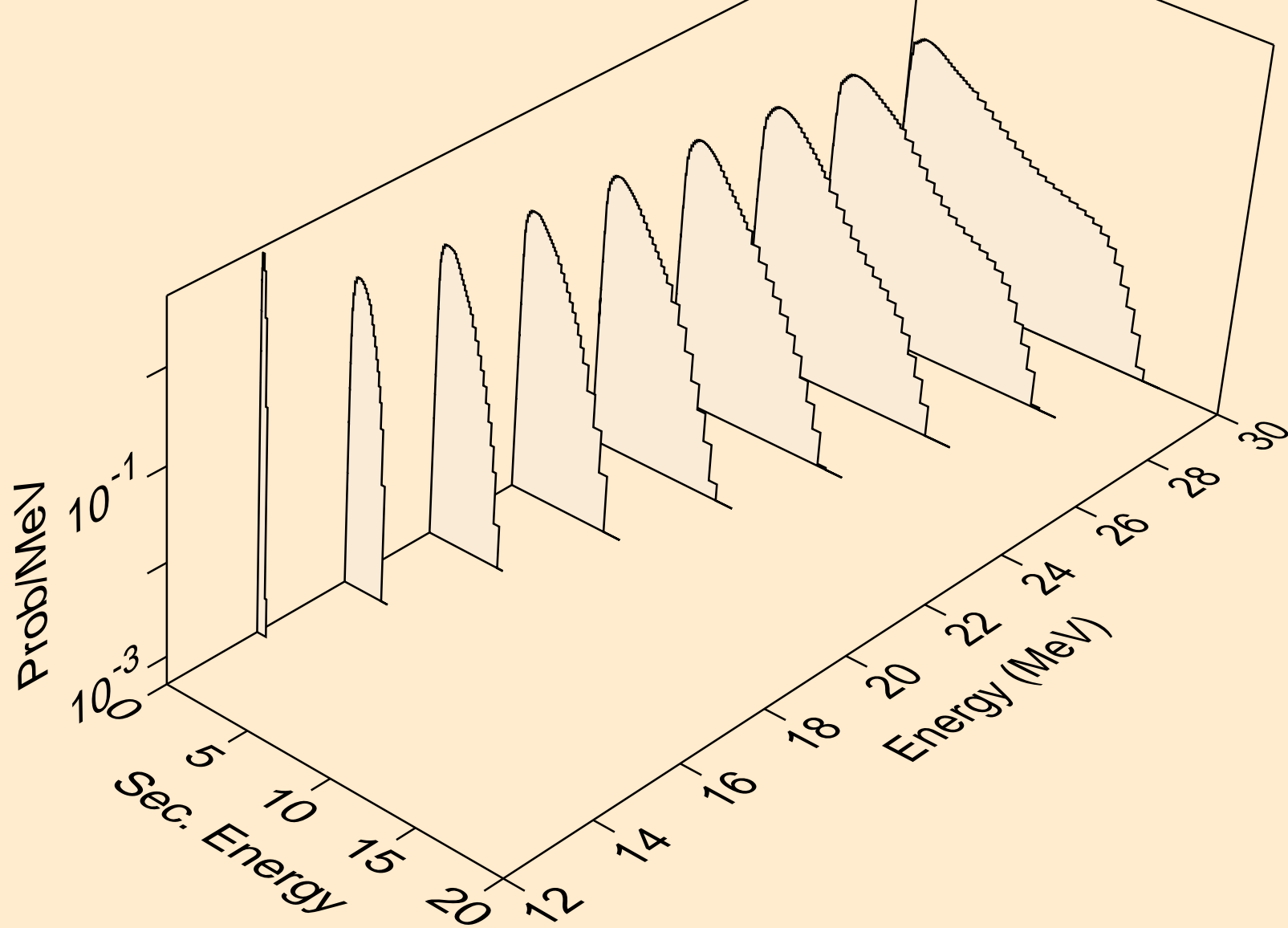
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



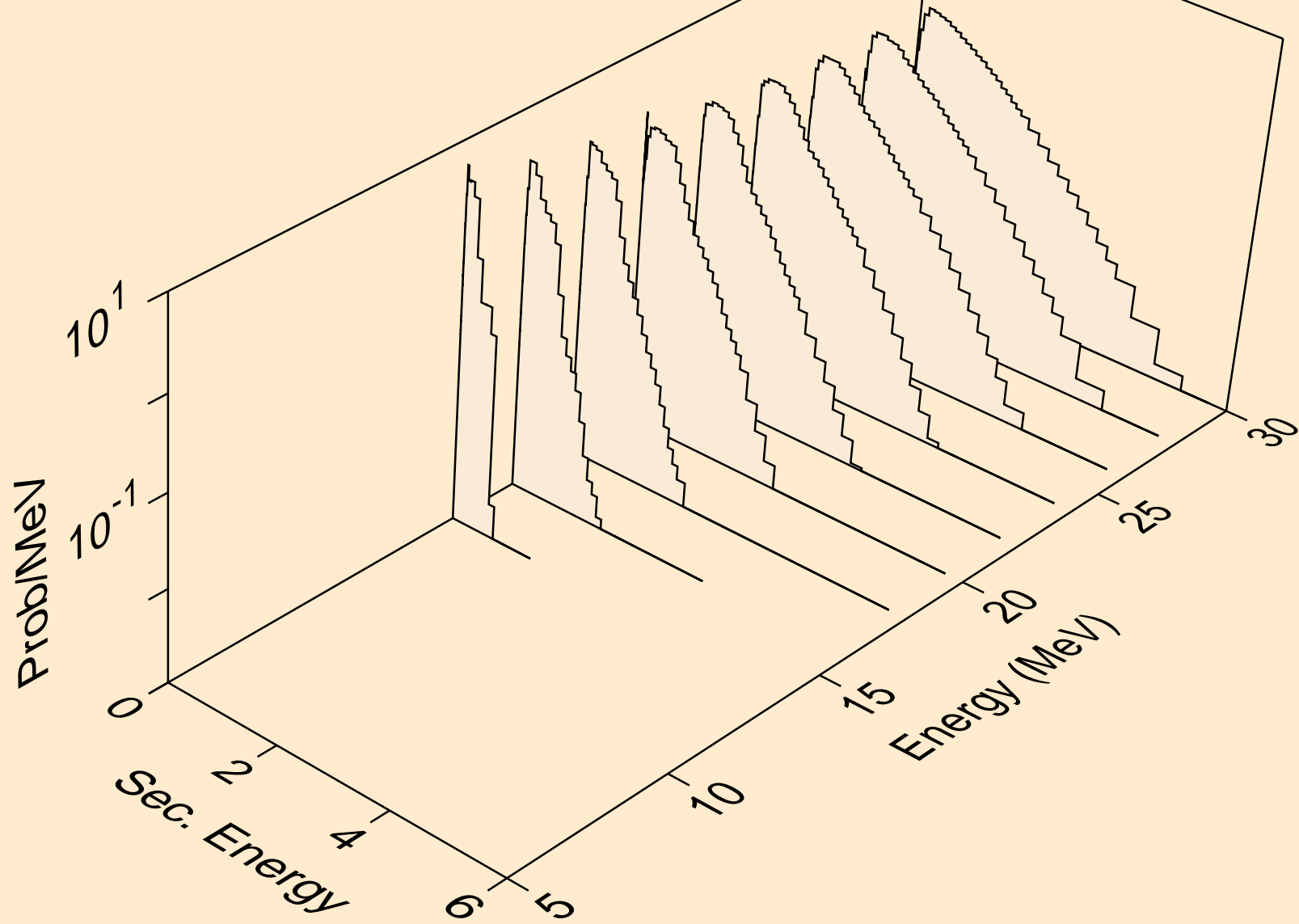
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



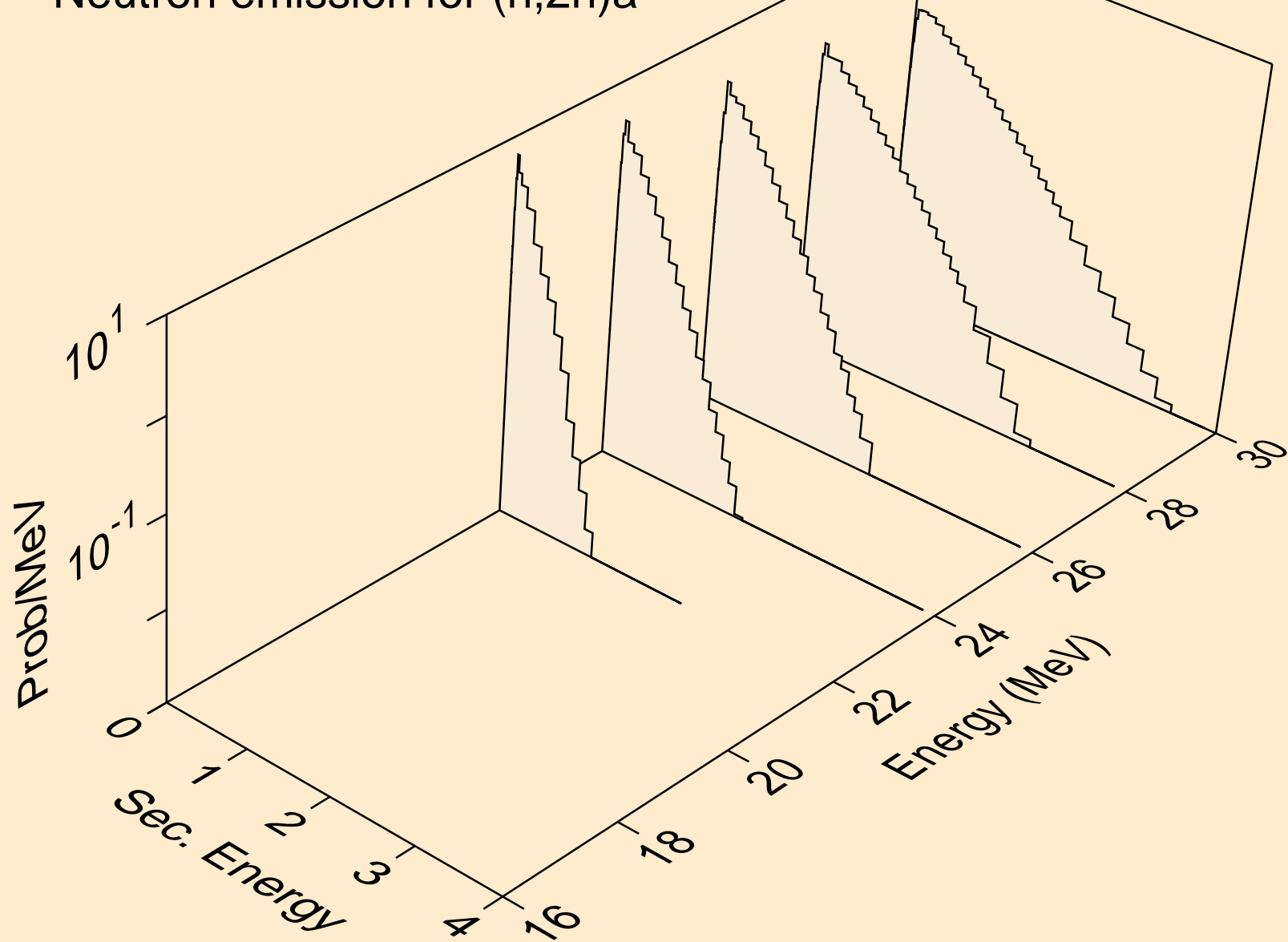
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



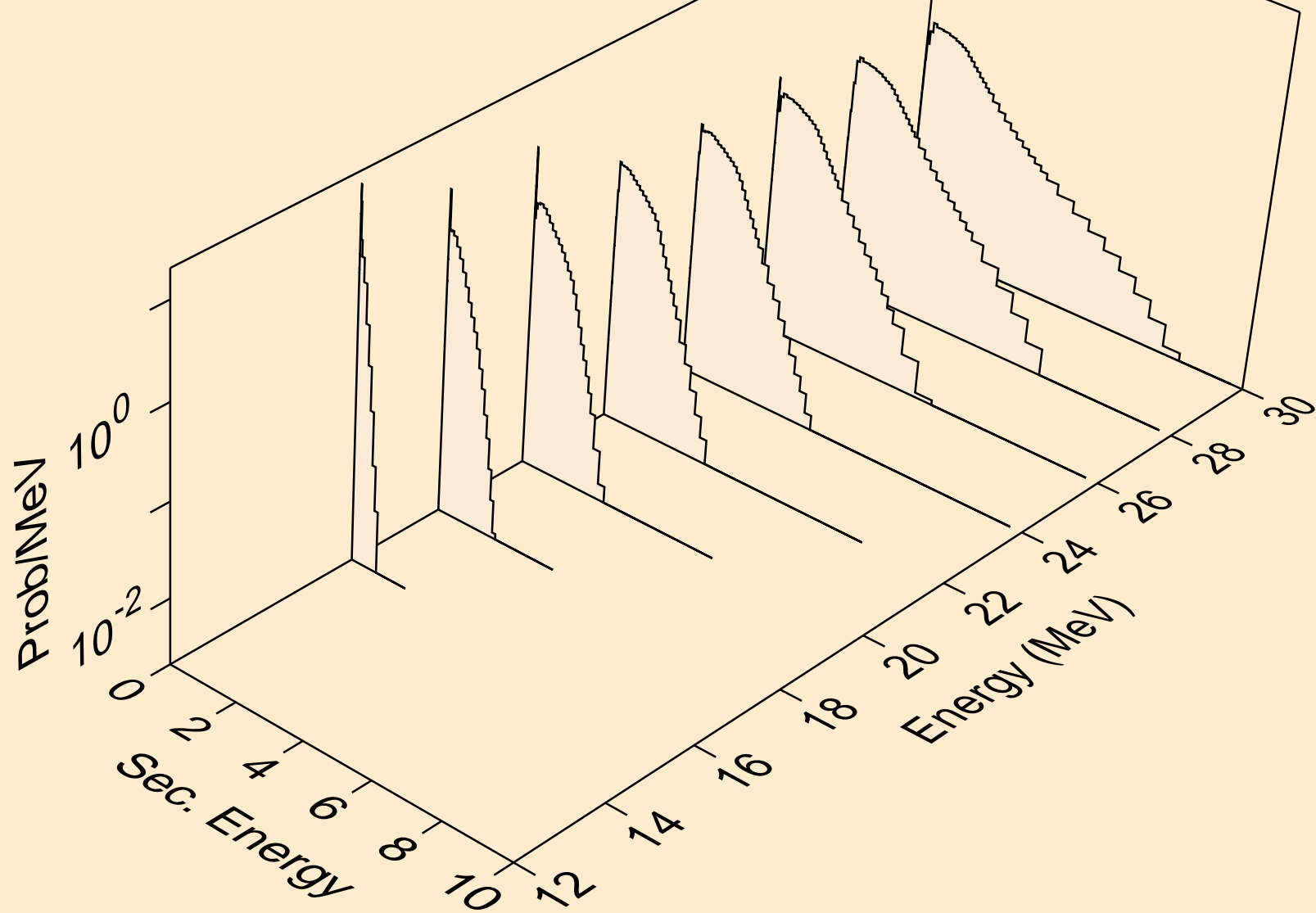
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

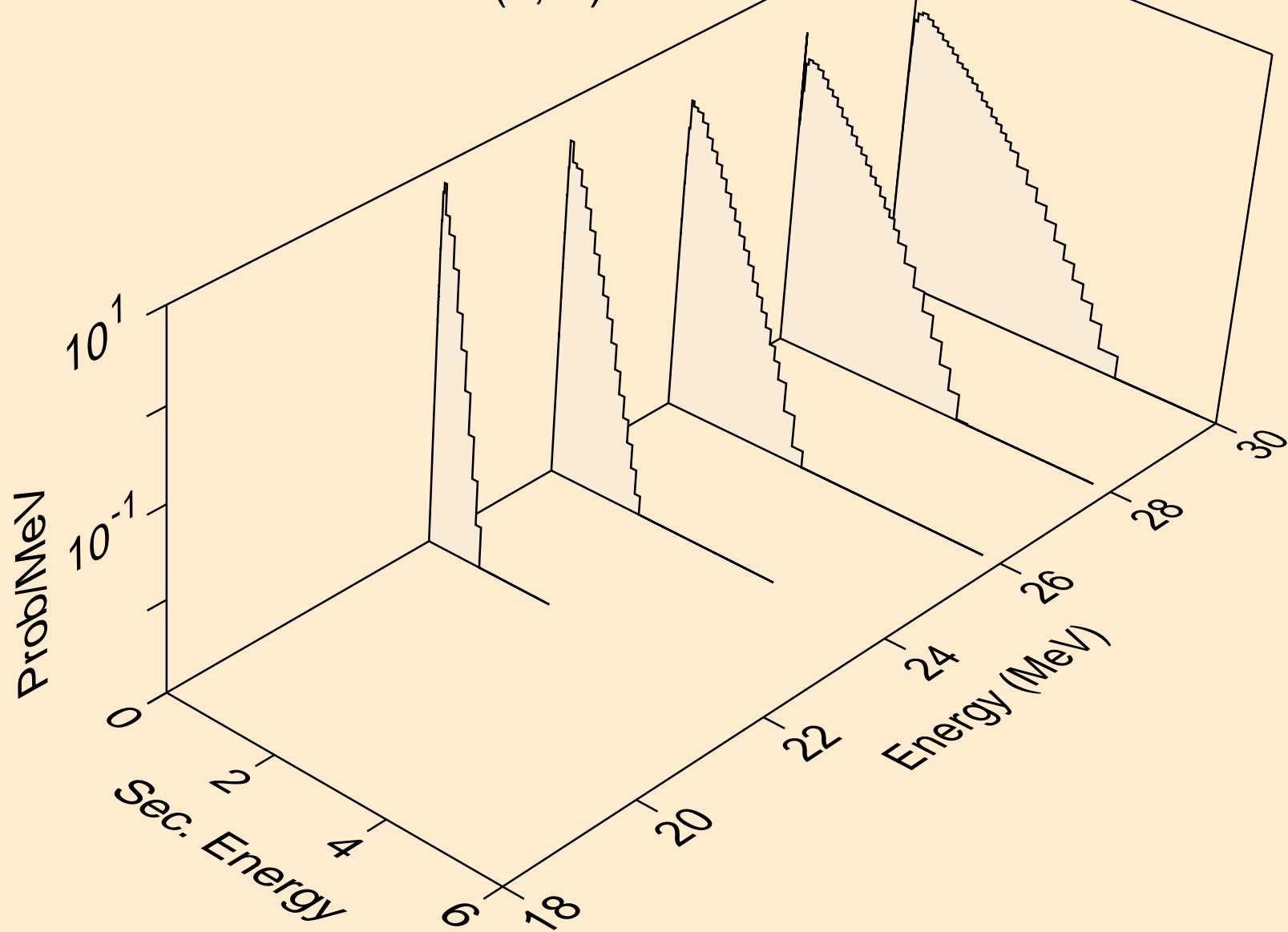


SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

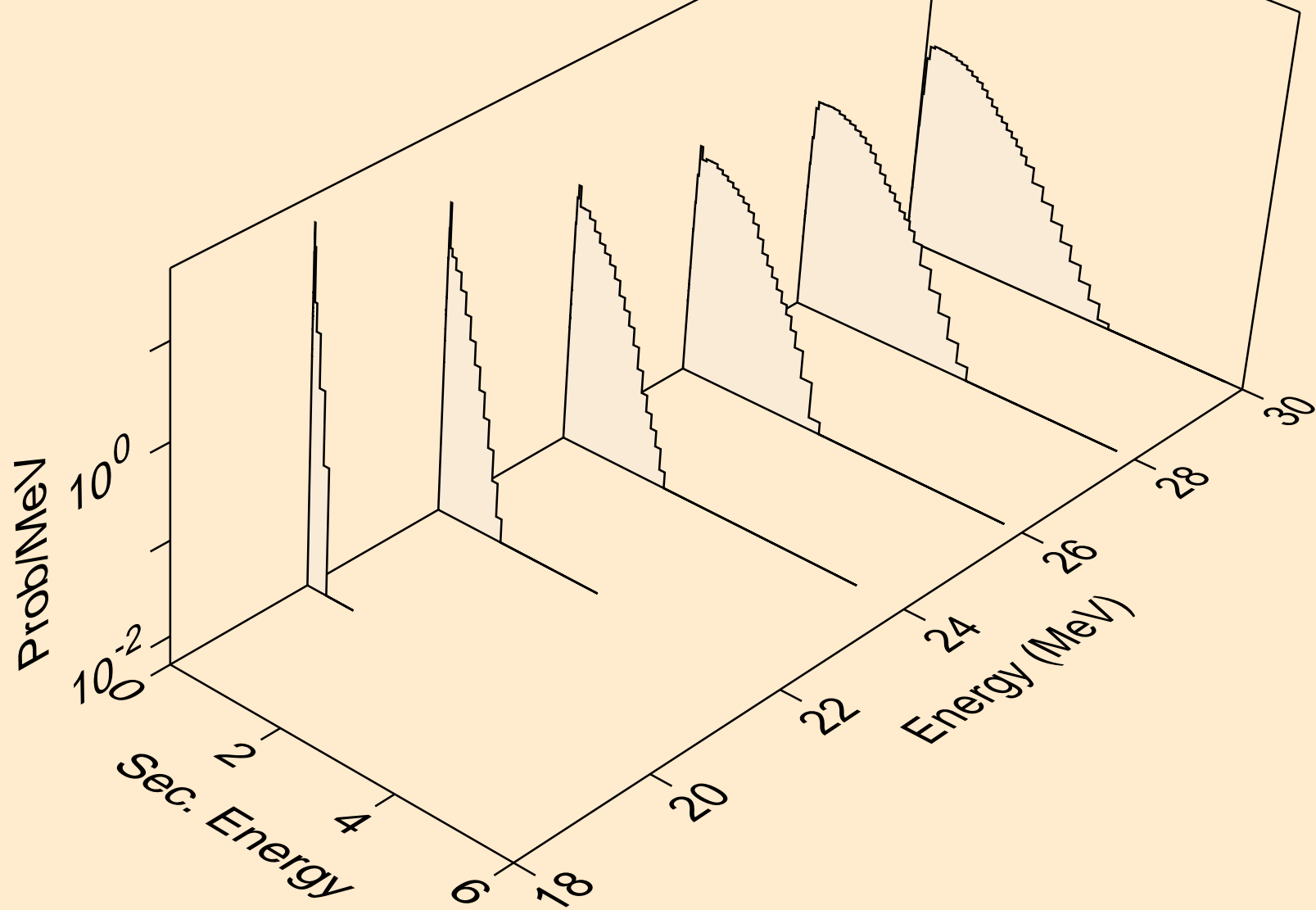




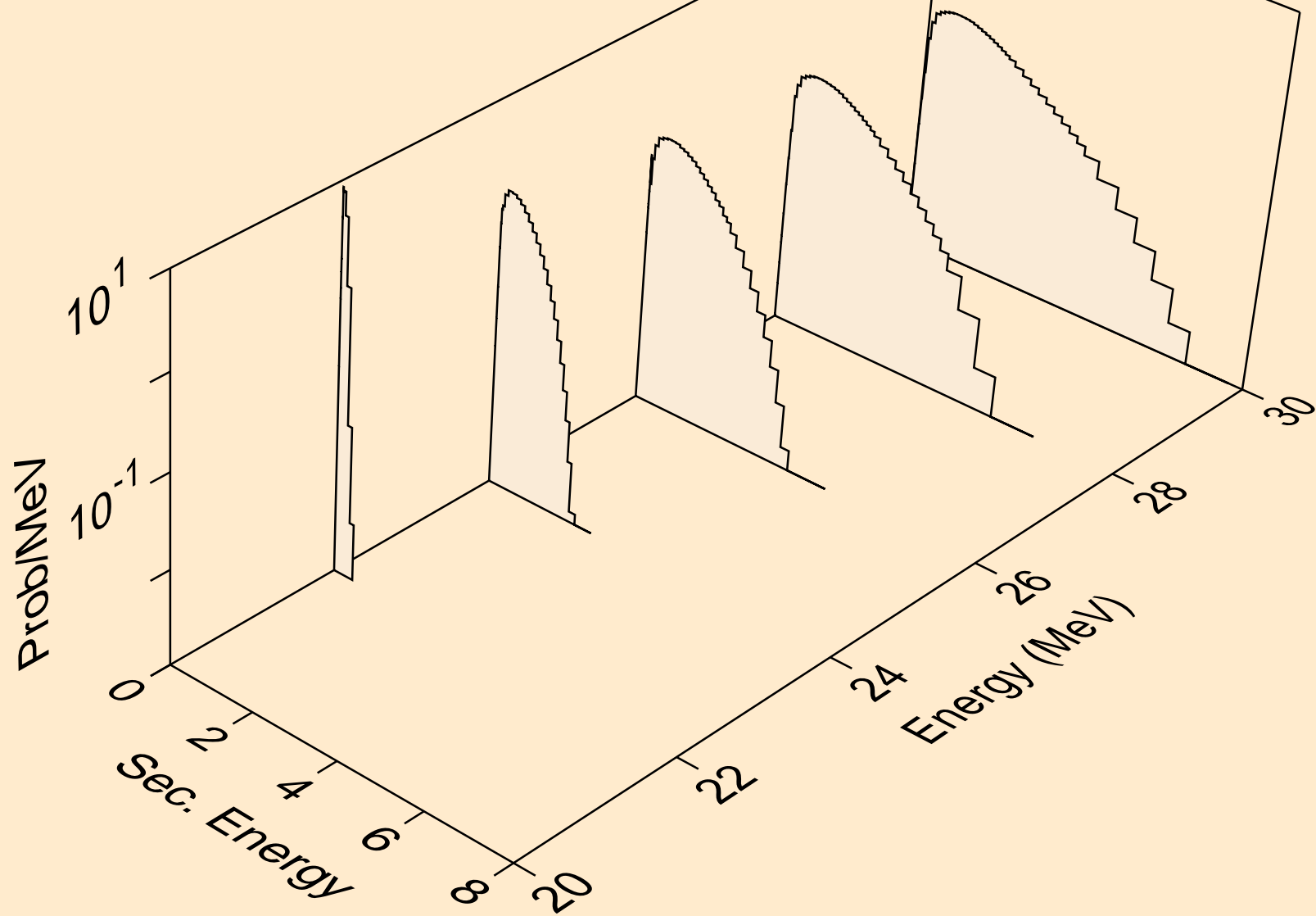
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



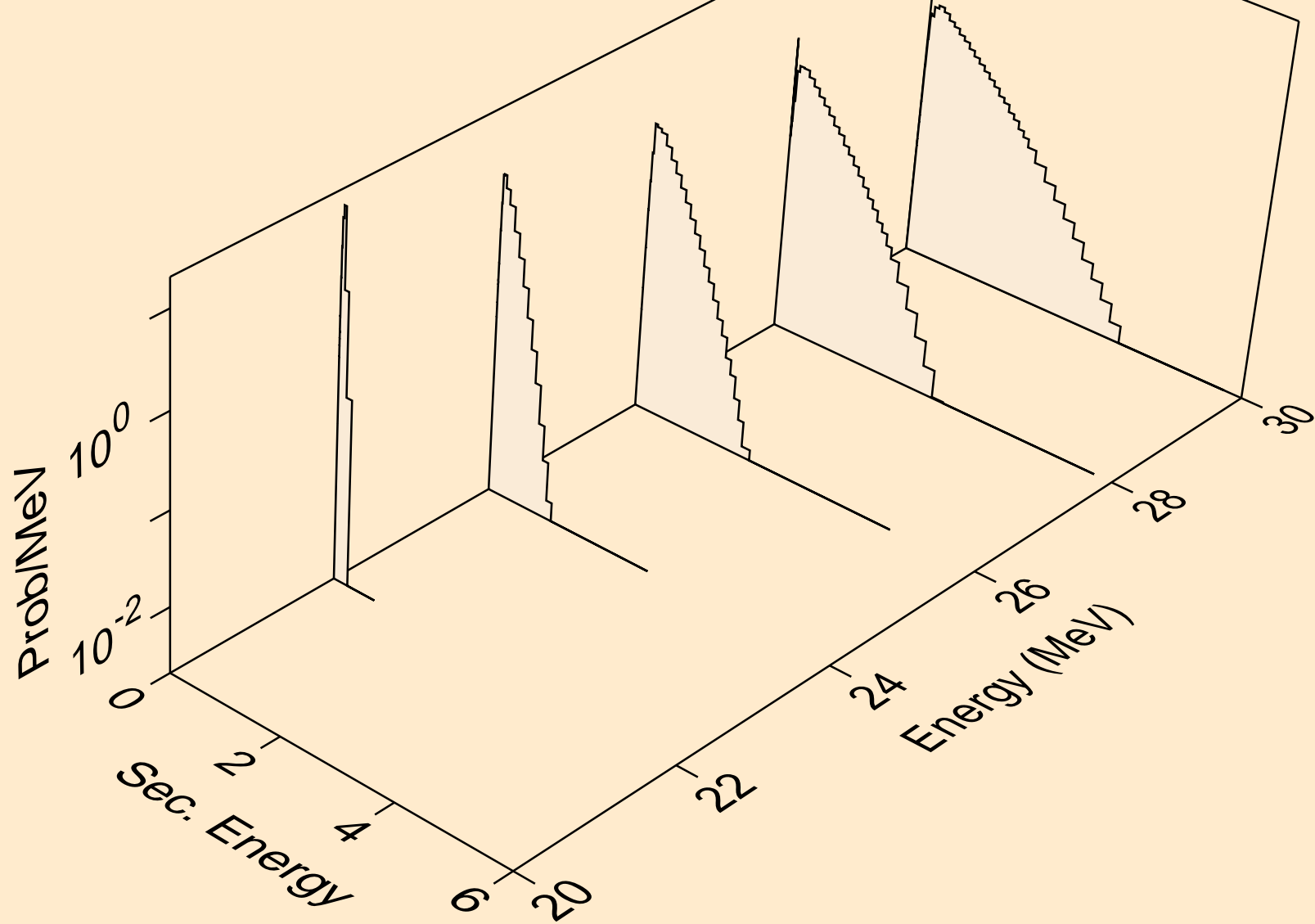
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



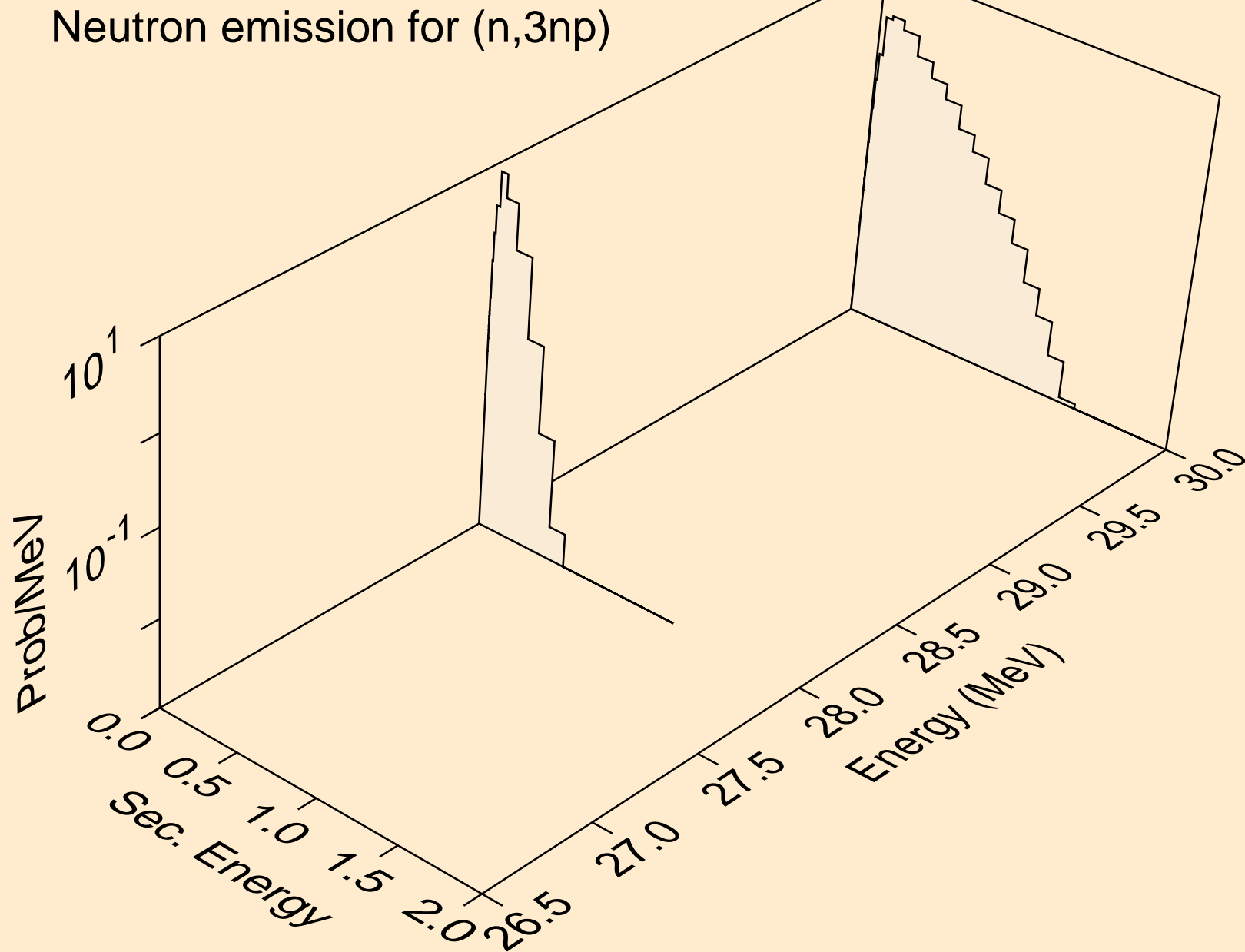
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



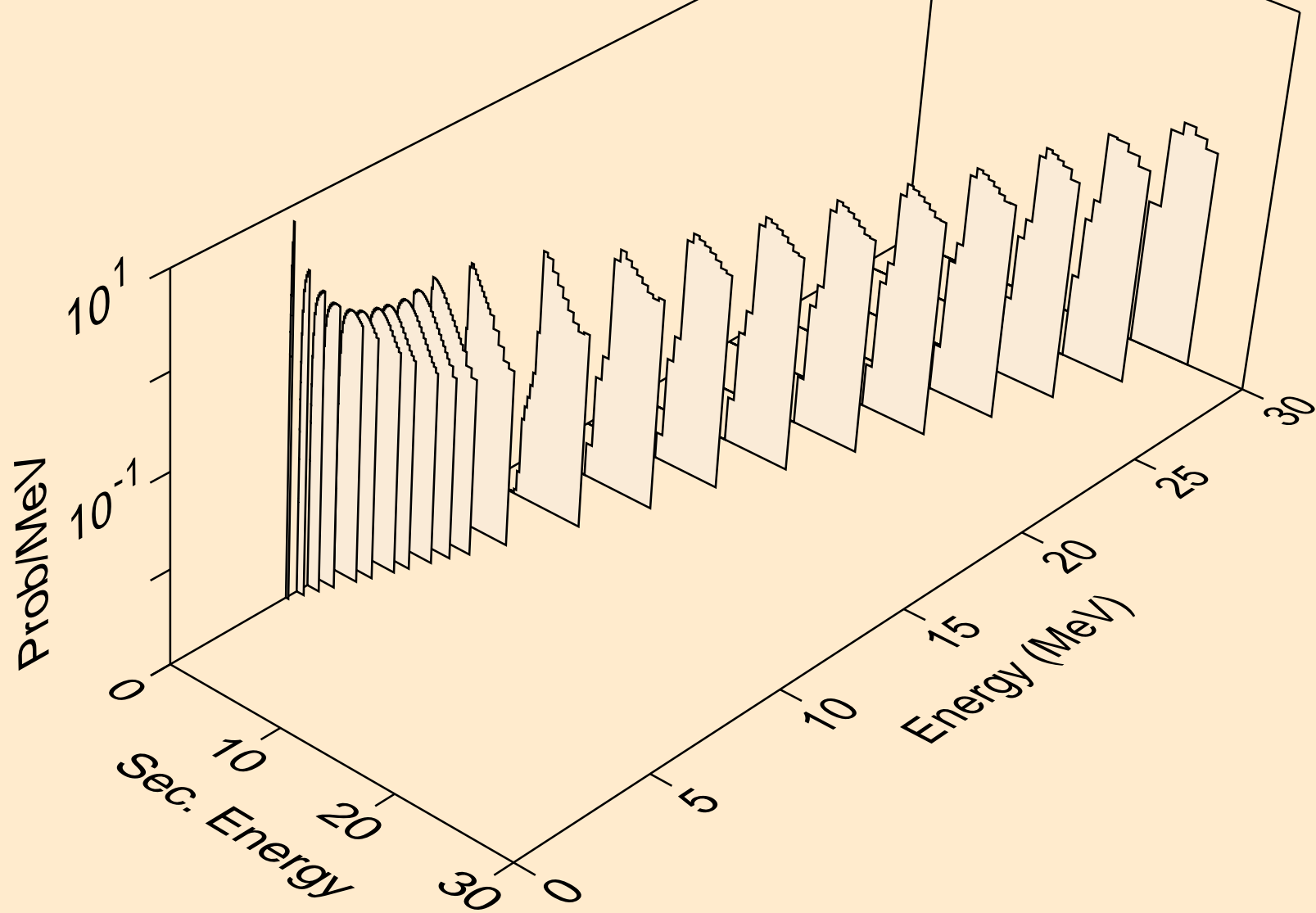
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



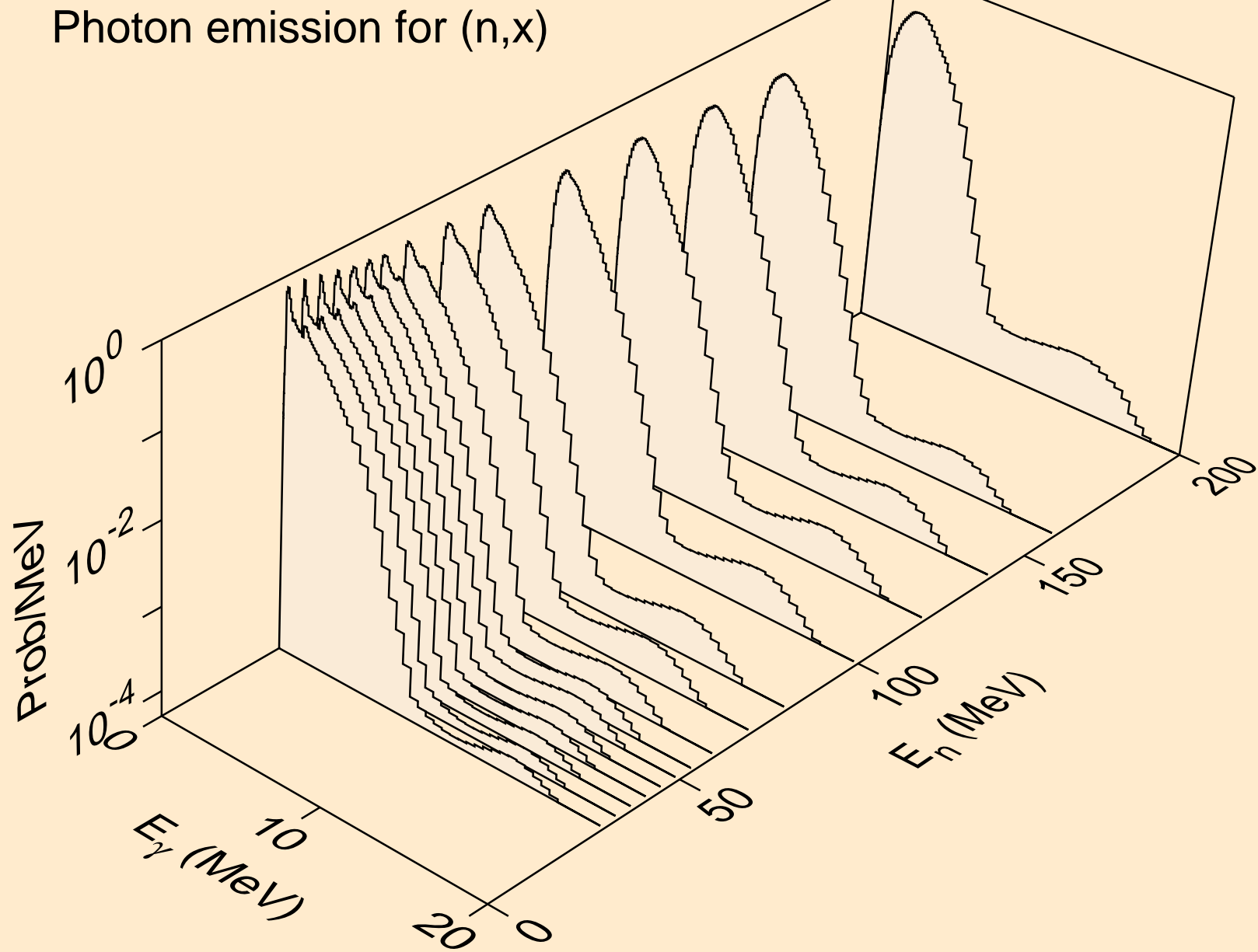
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



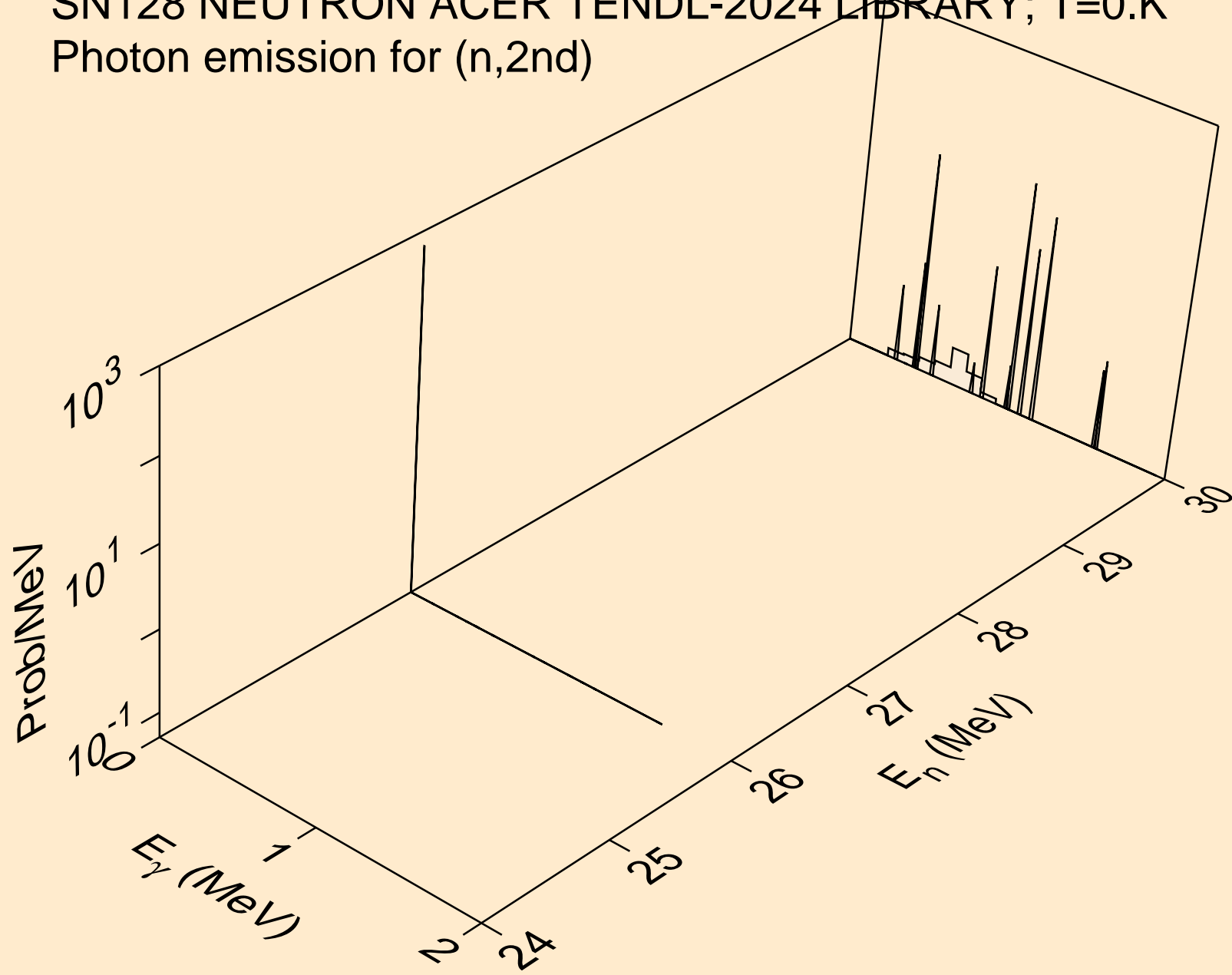
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

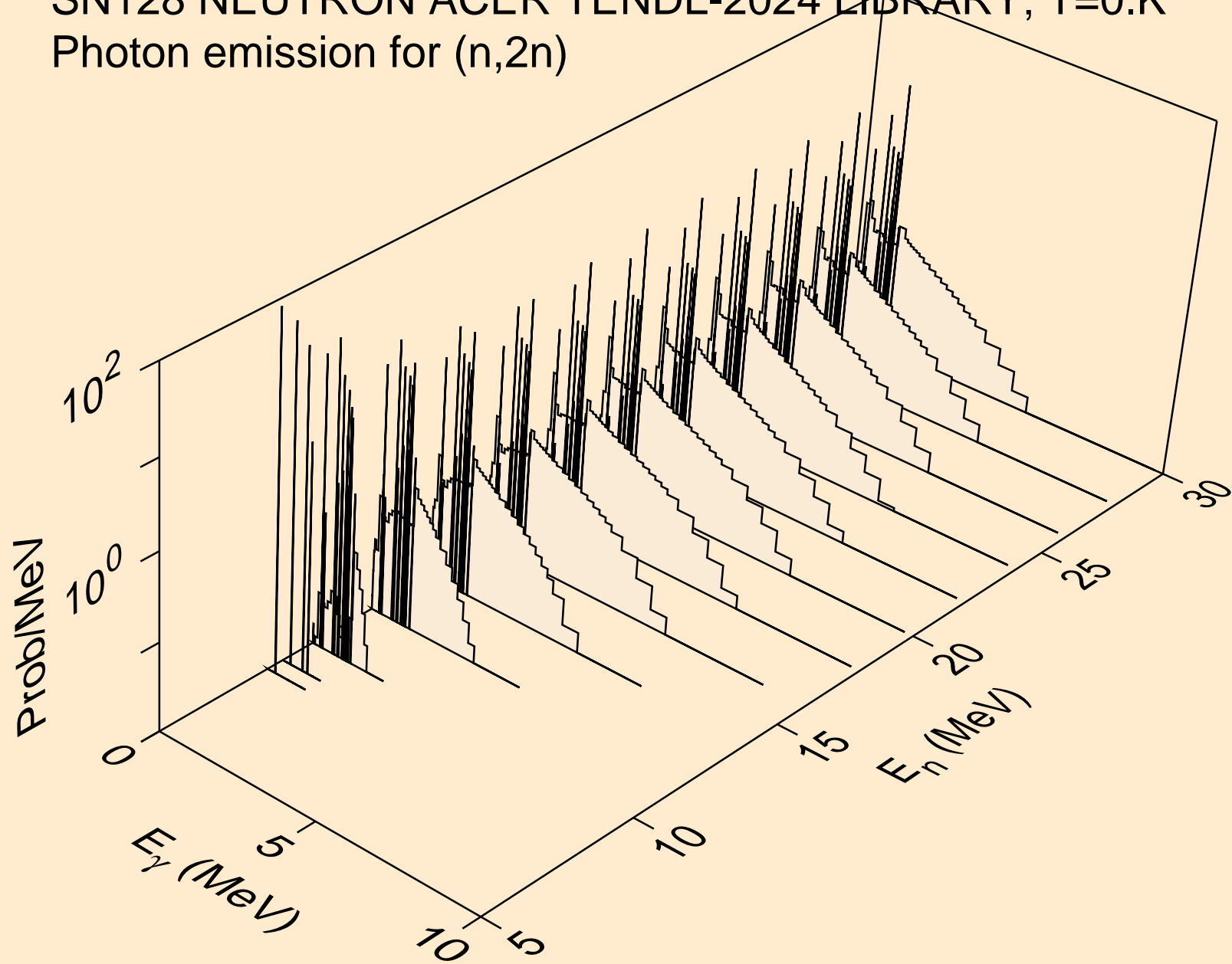


SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)

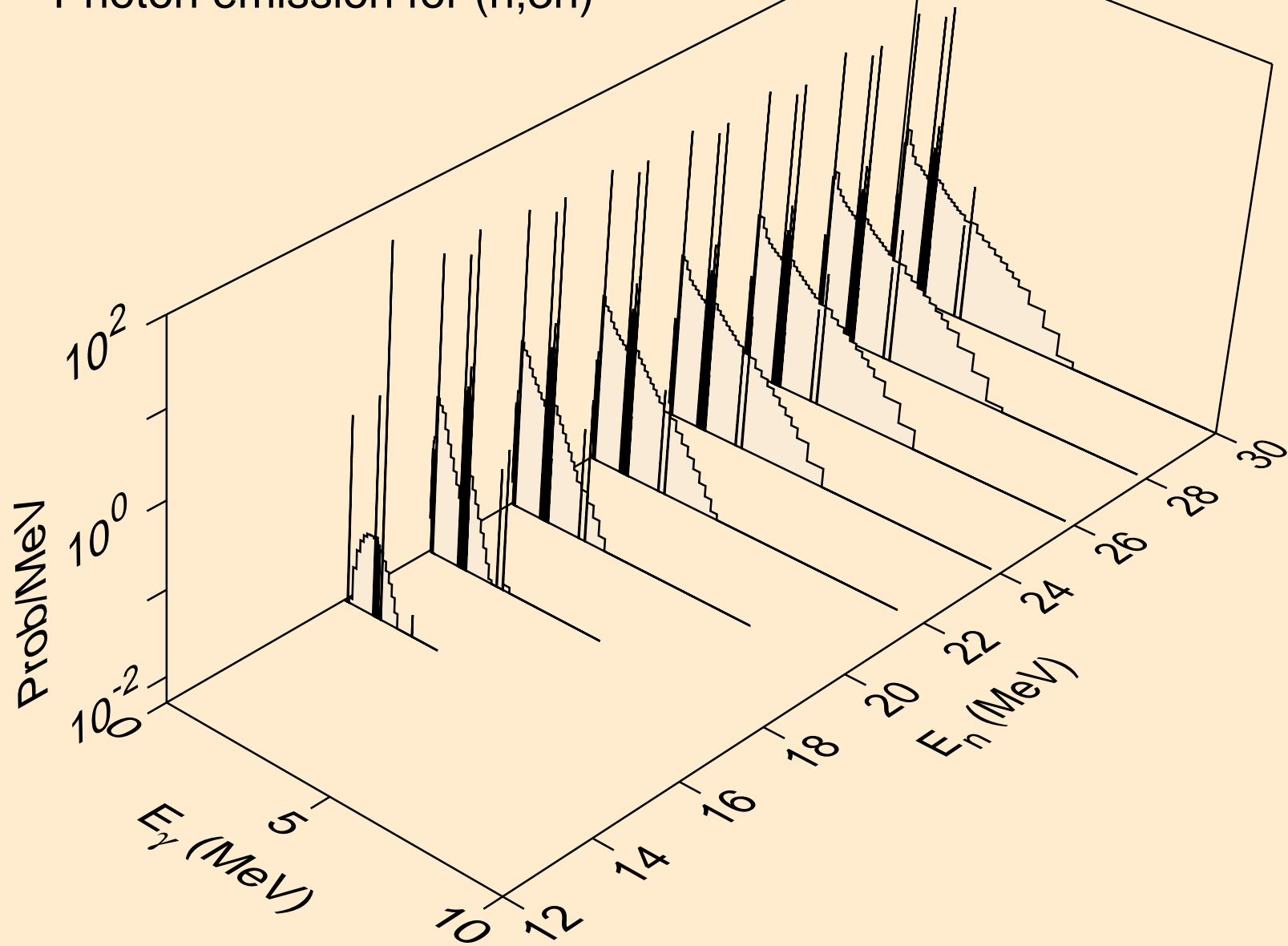




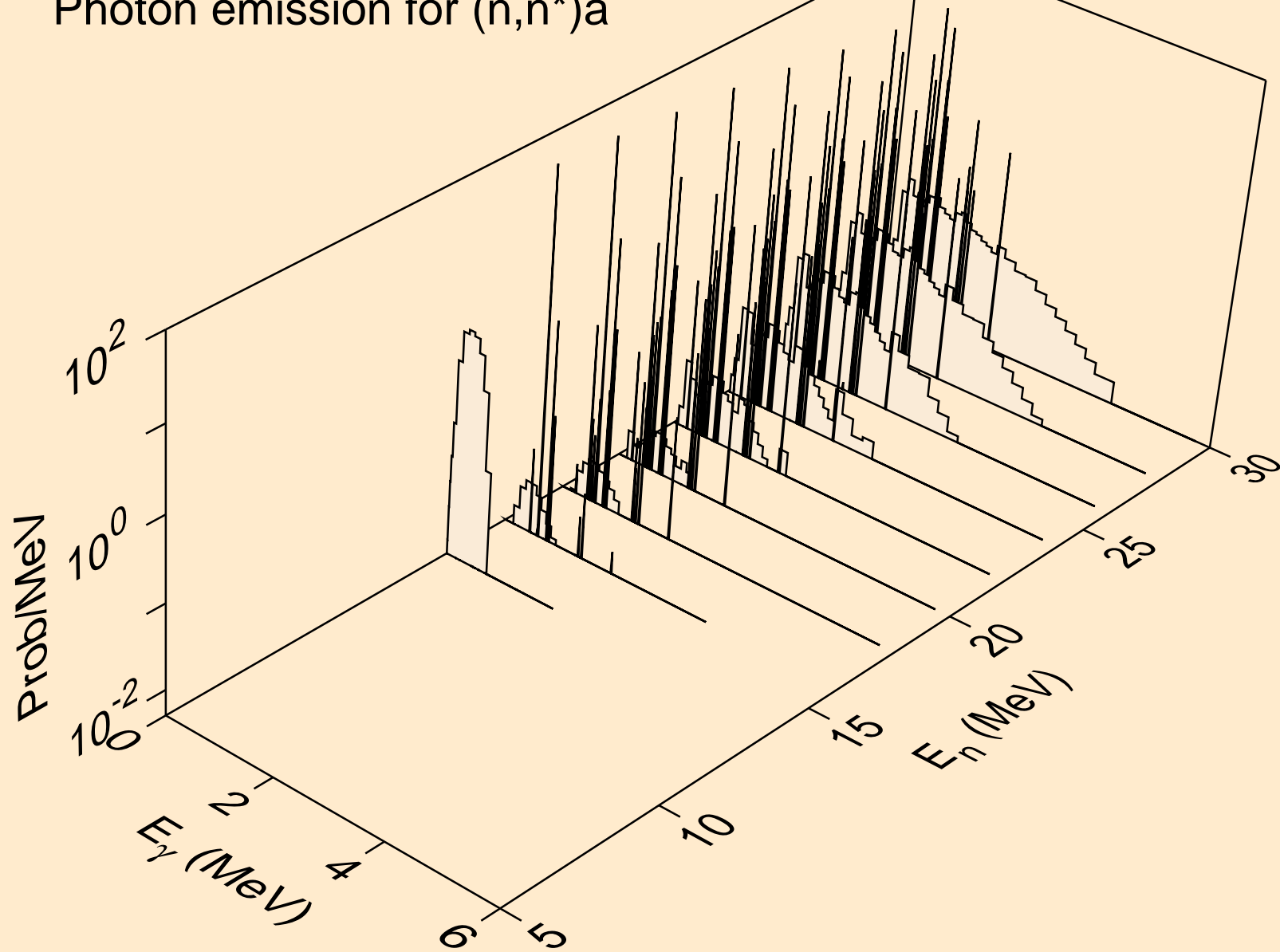
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



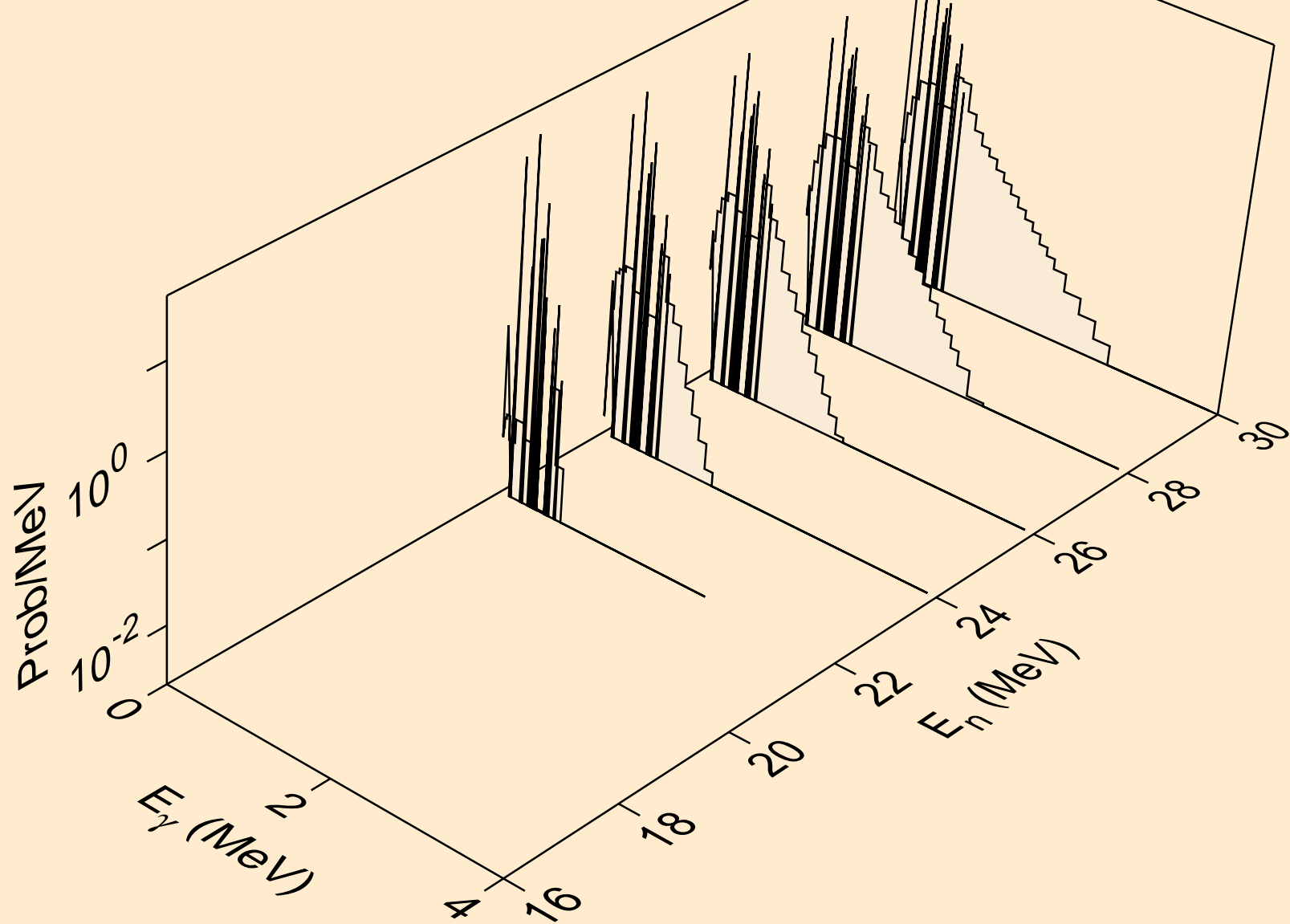
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



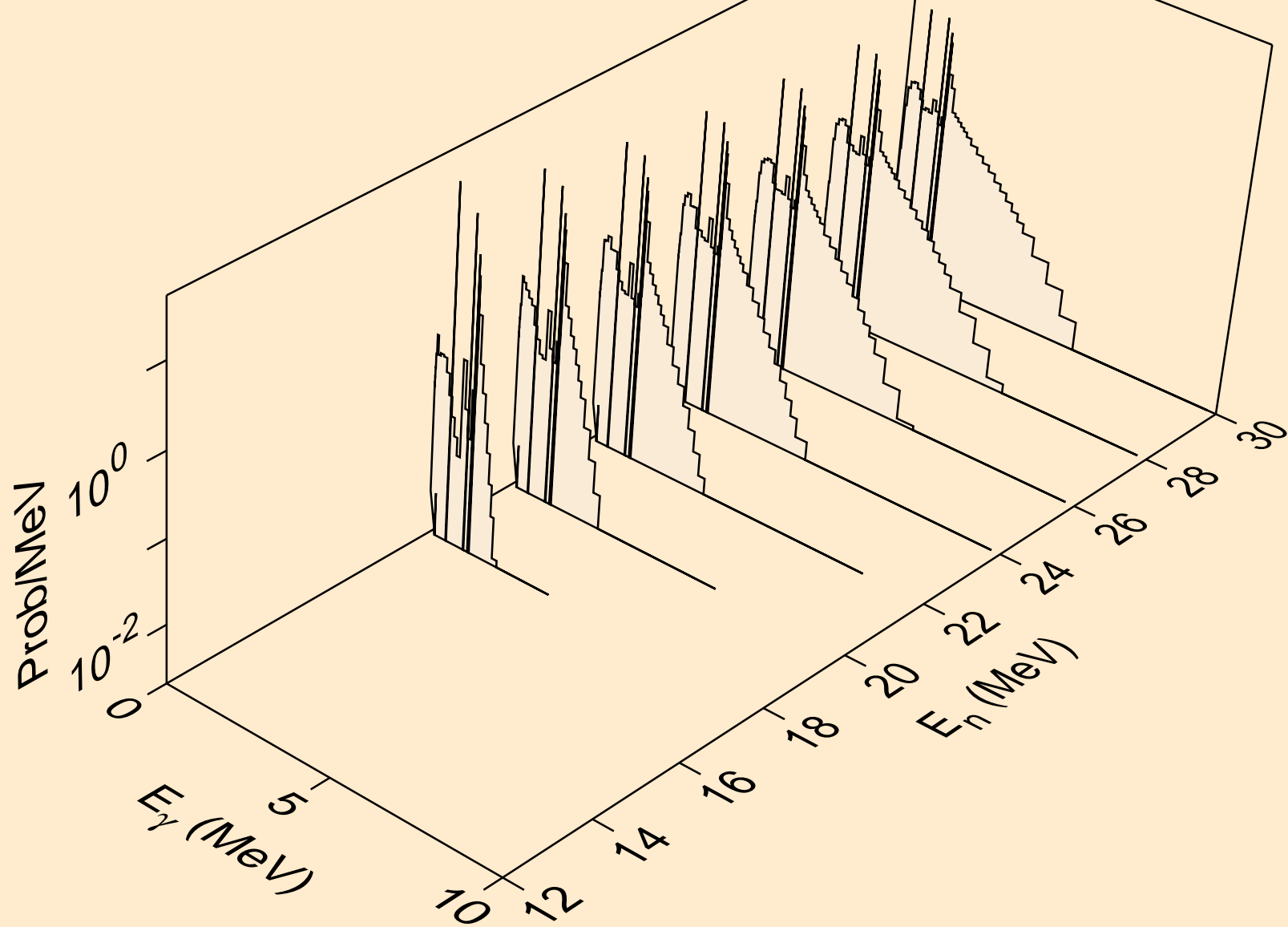
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



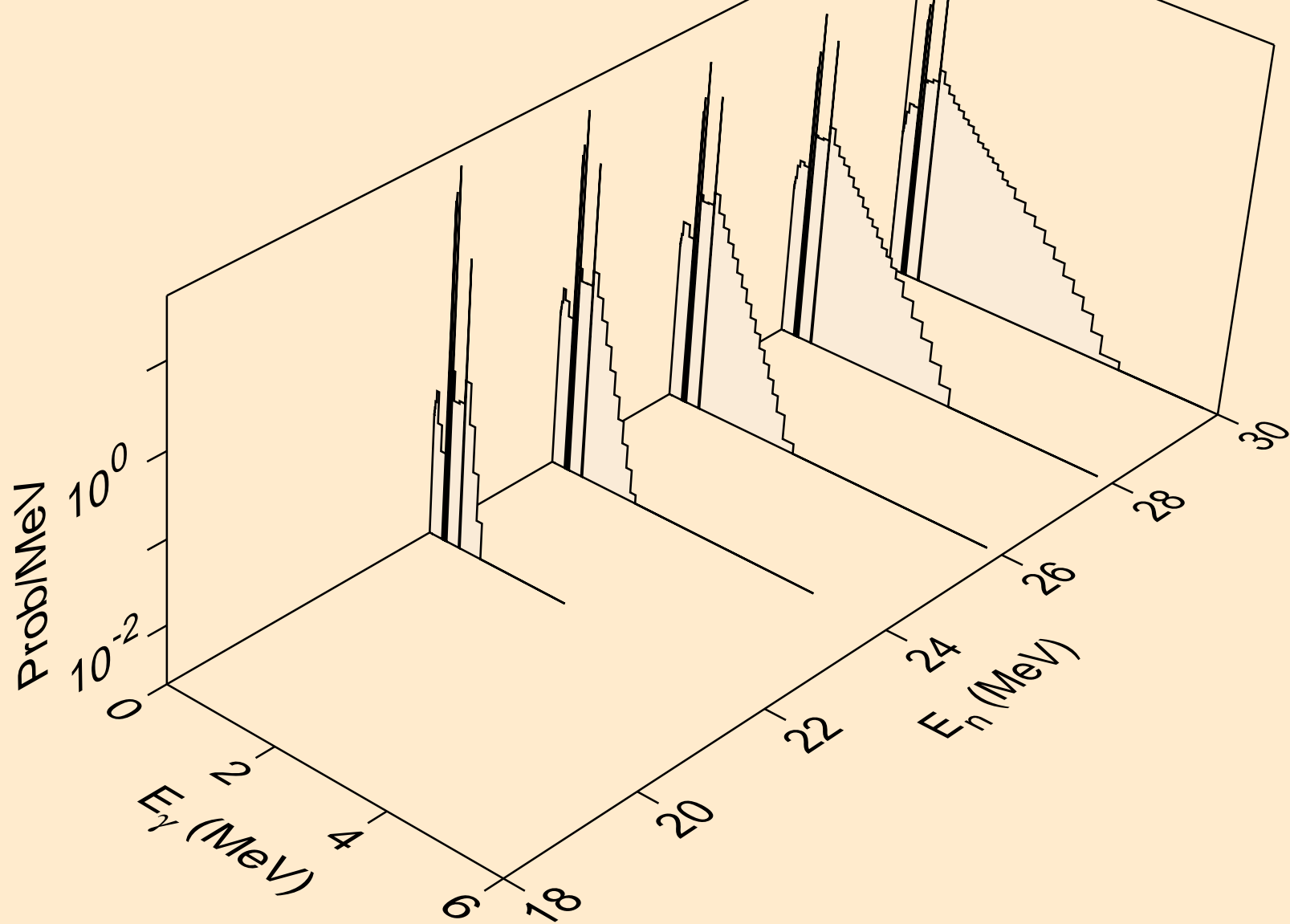
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



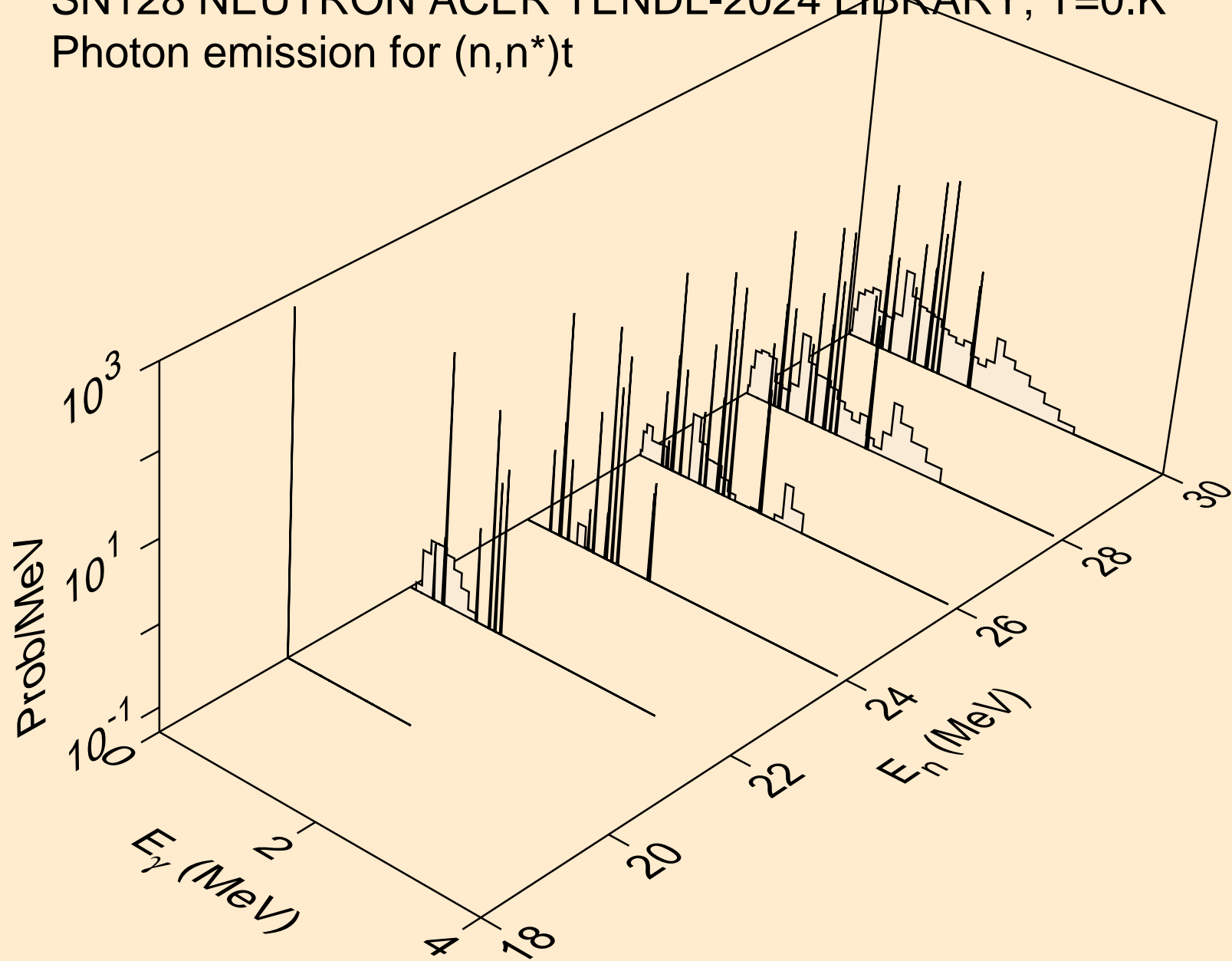
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



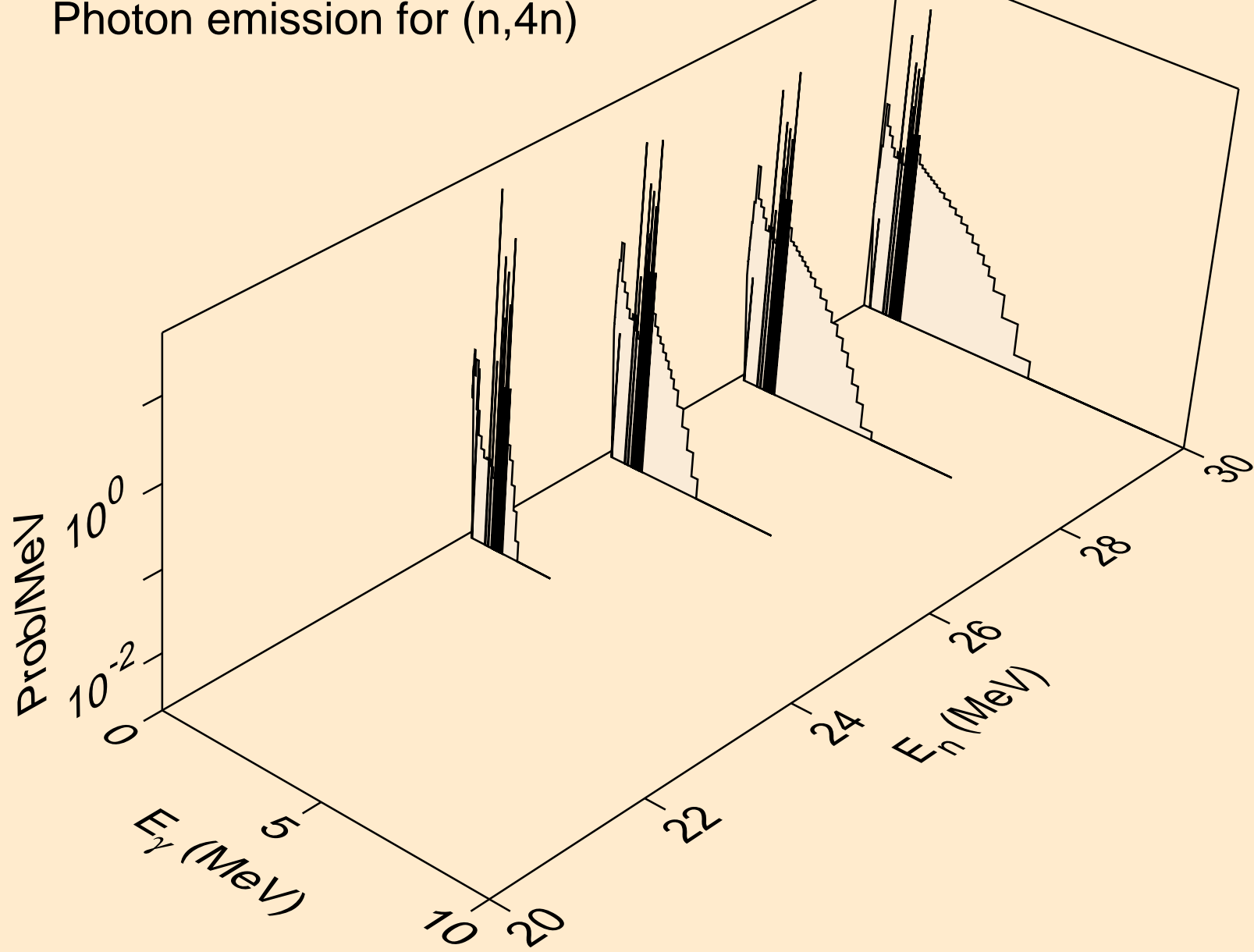
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

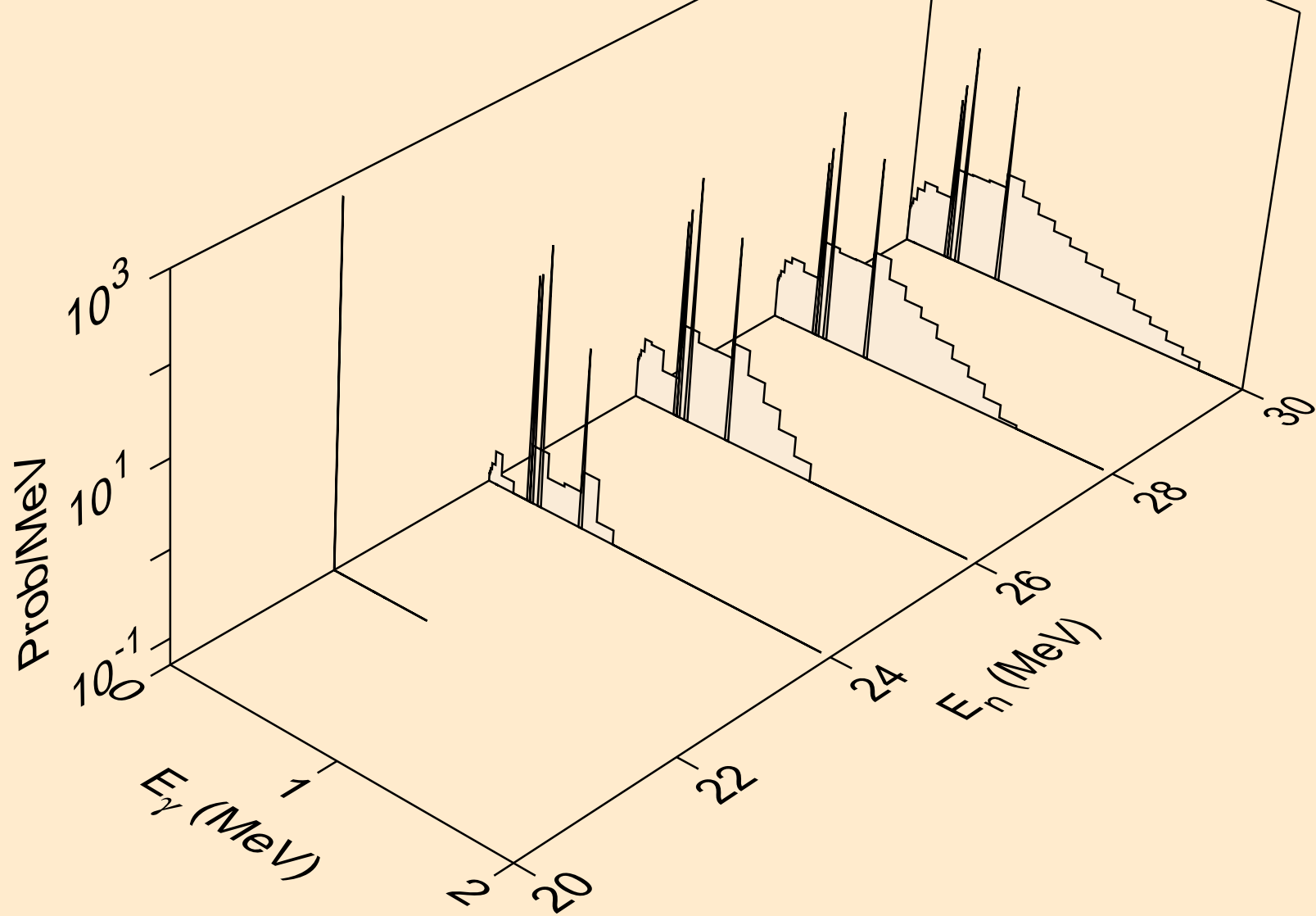


SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

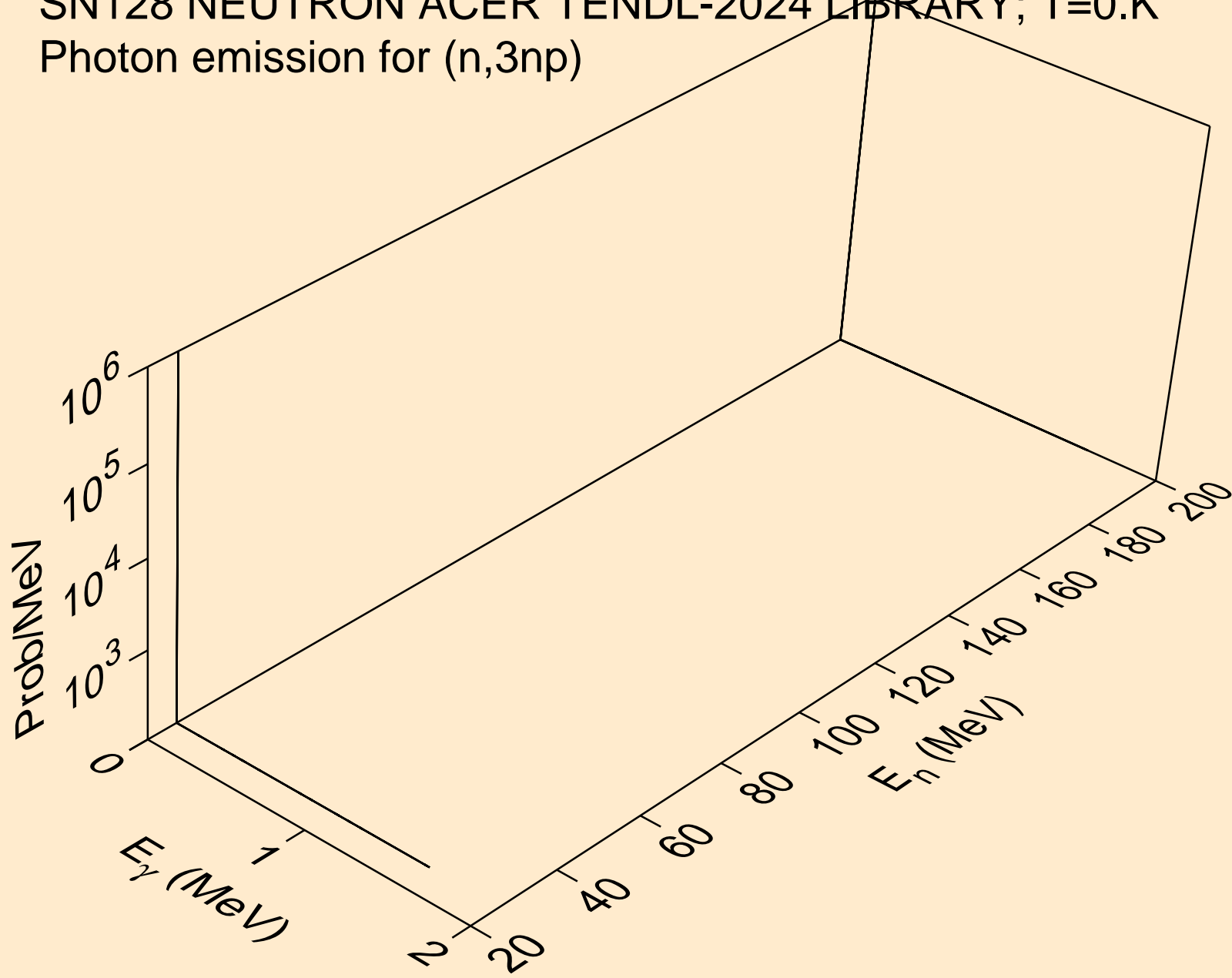




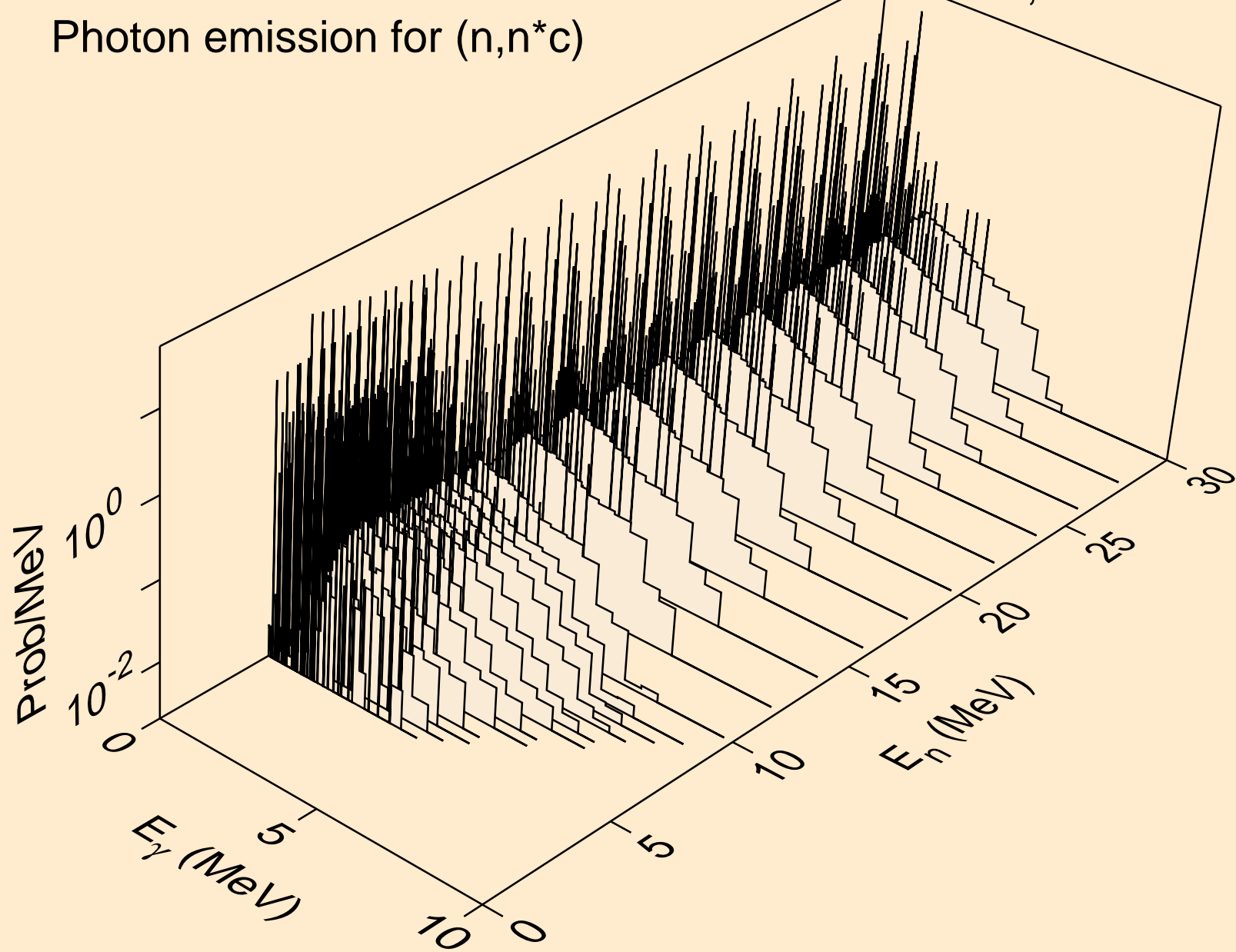
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



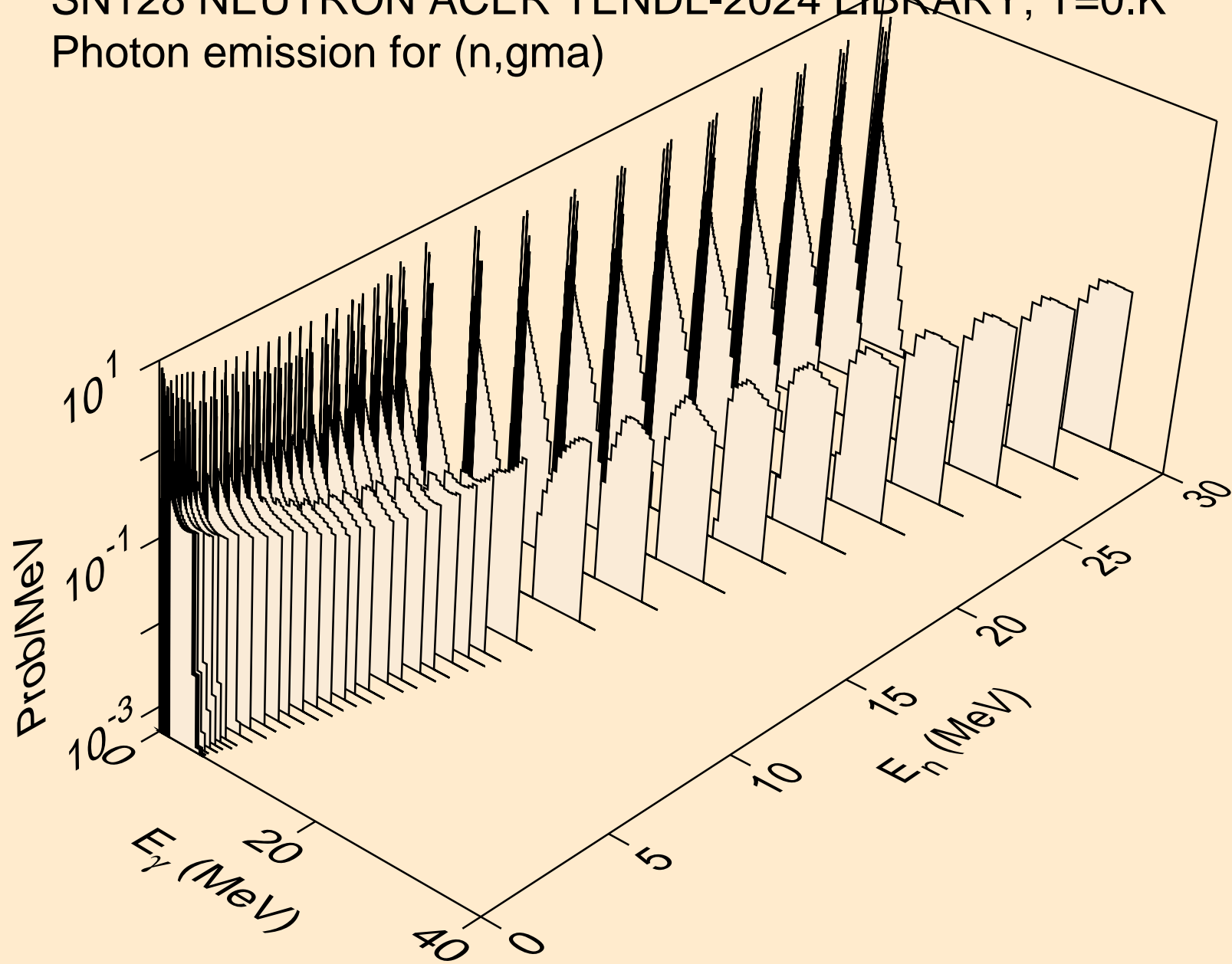
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



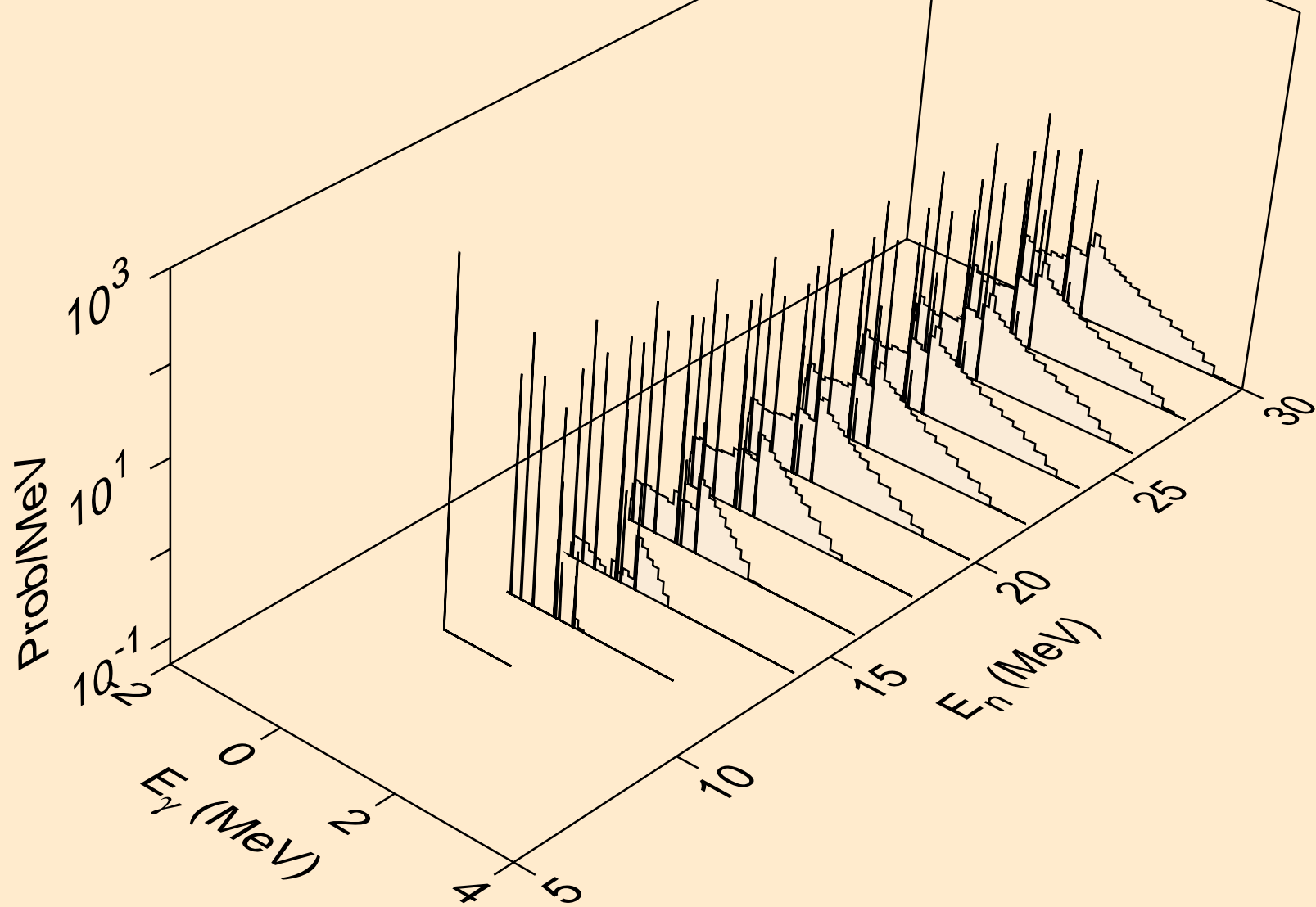
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



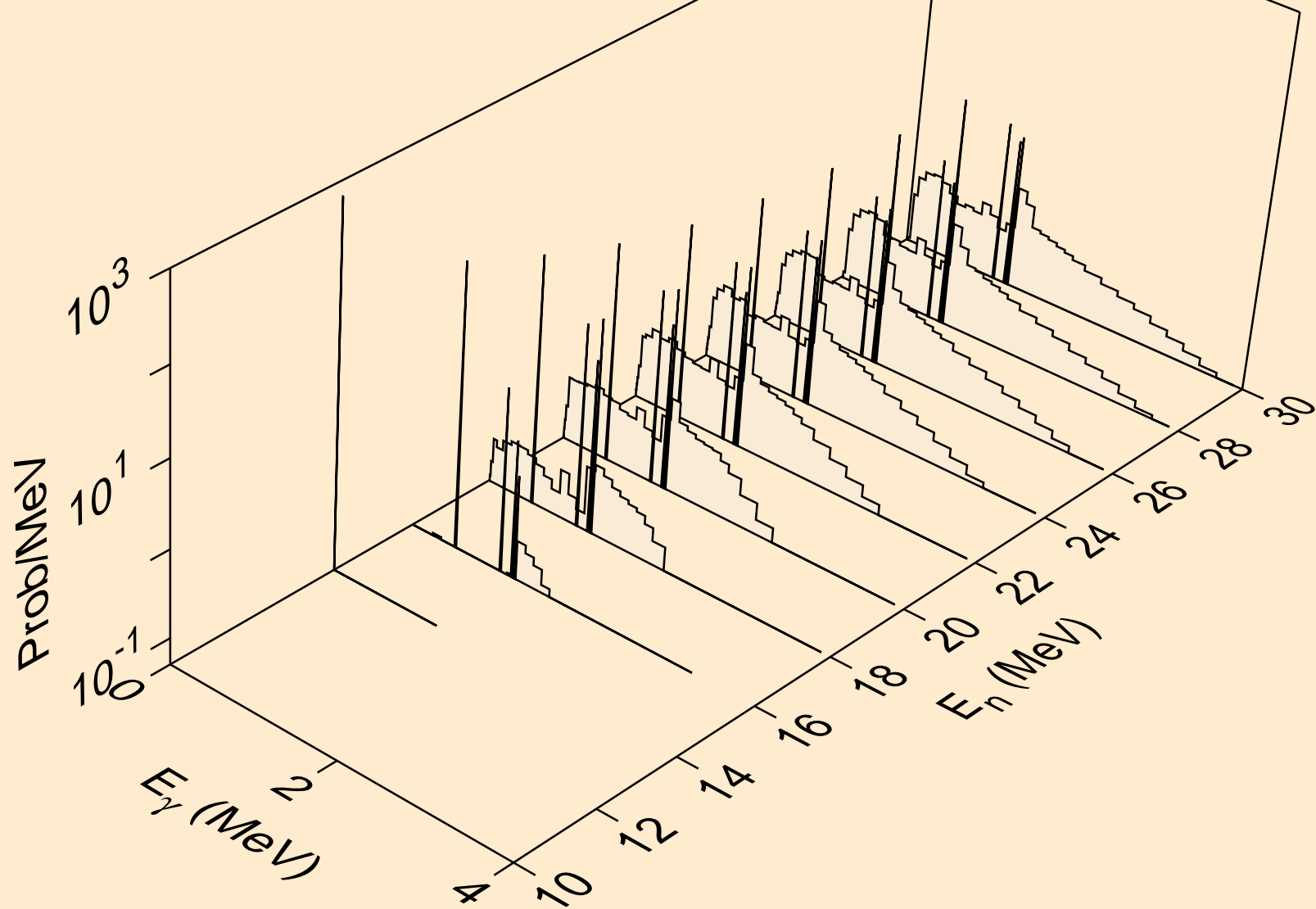
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



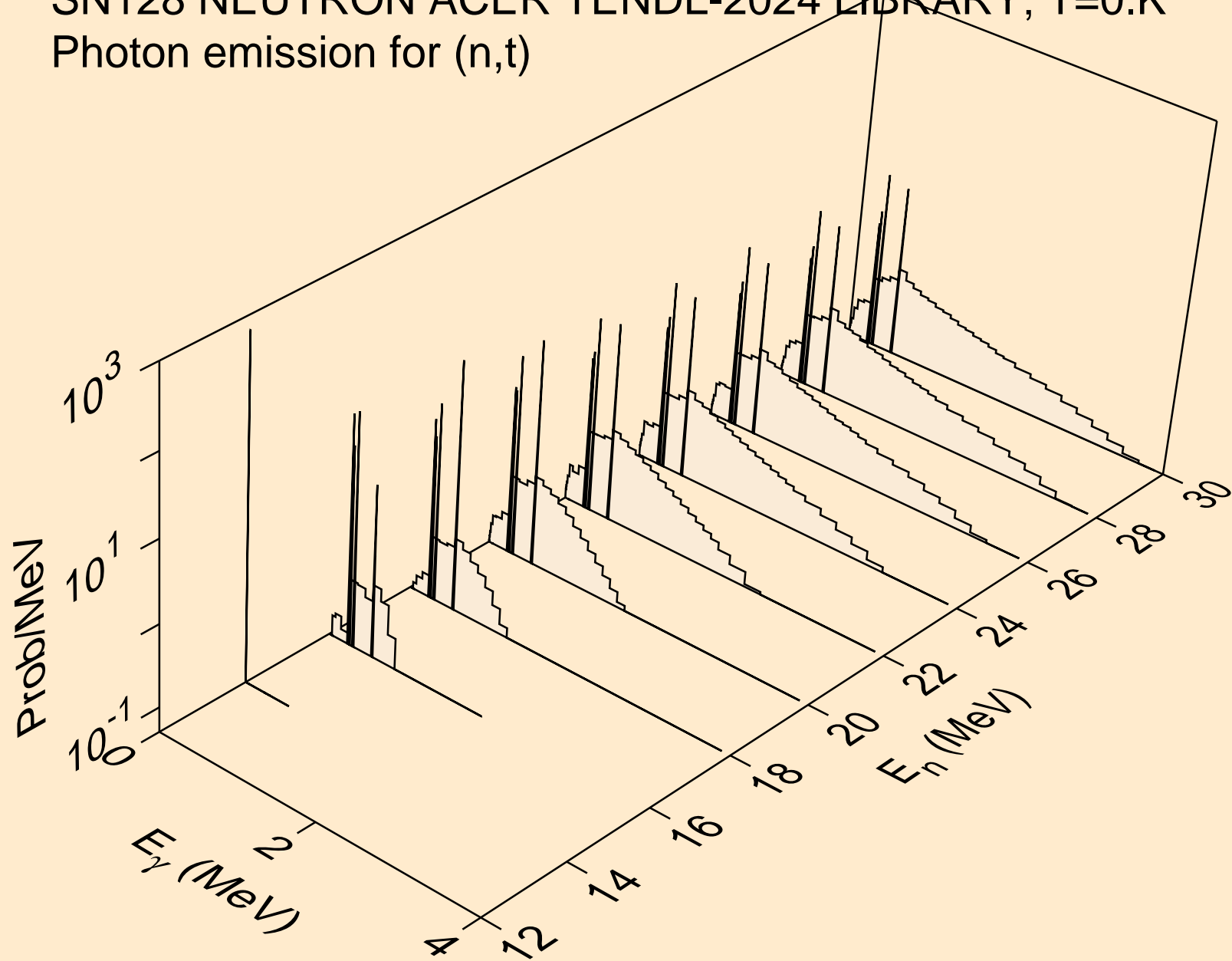
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



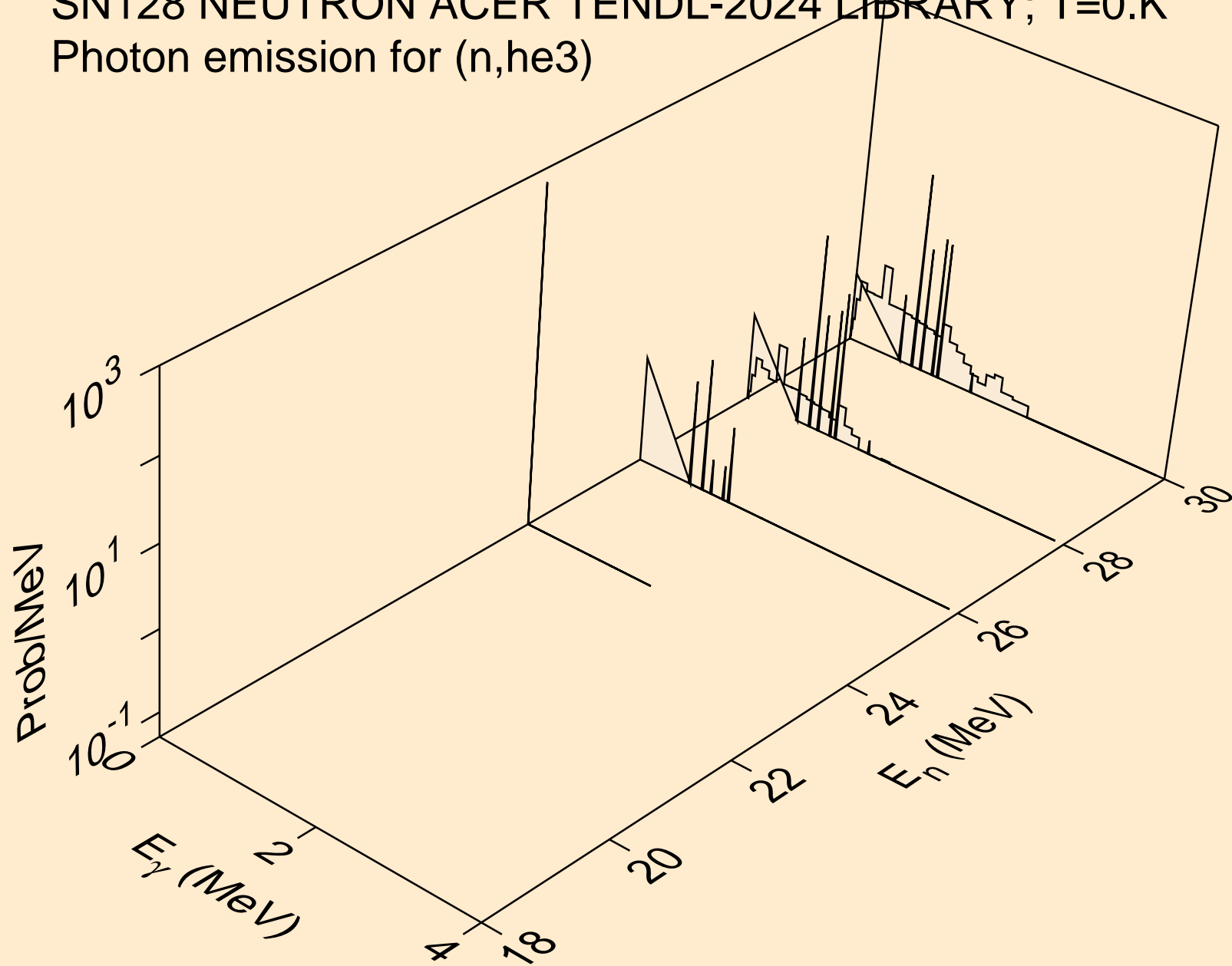
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

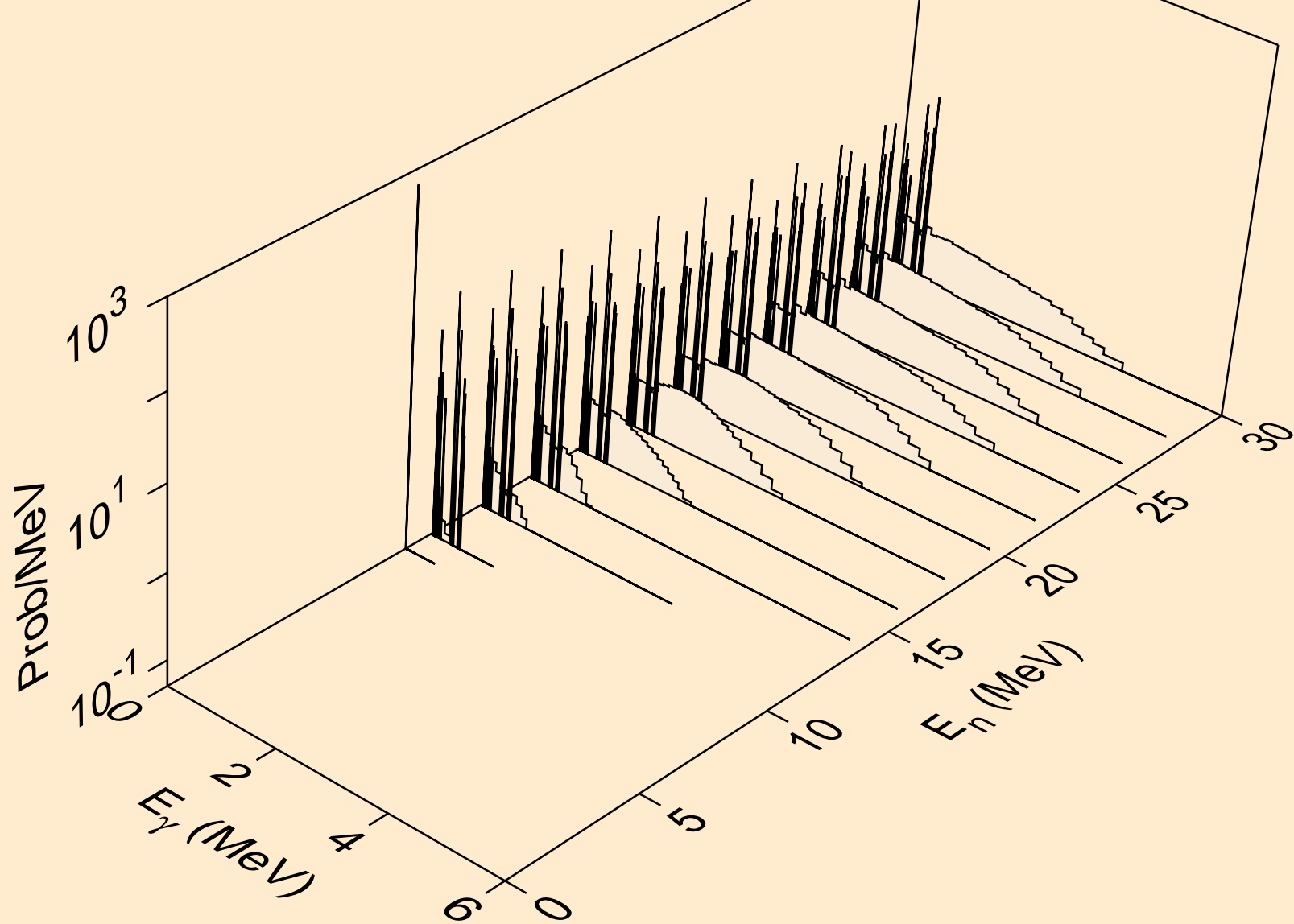


SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

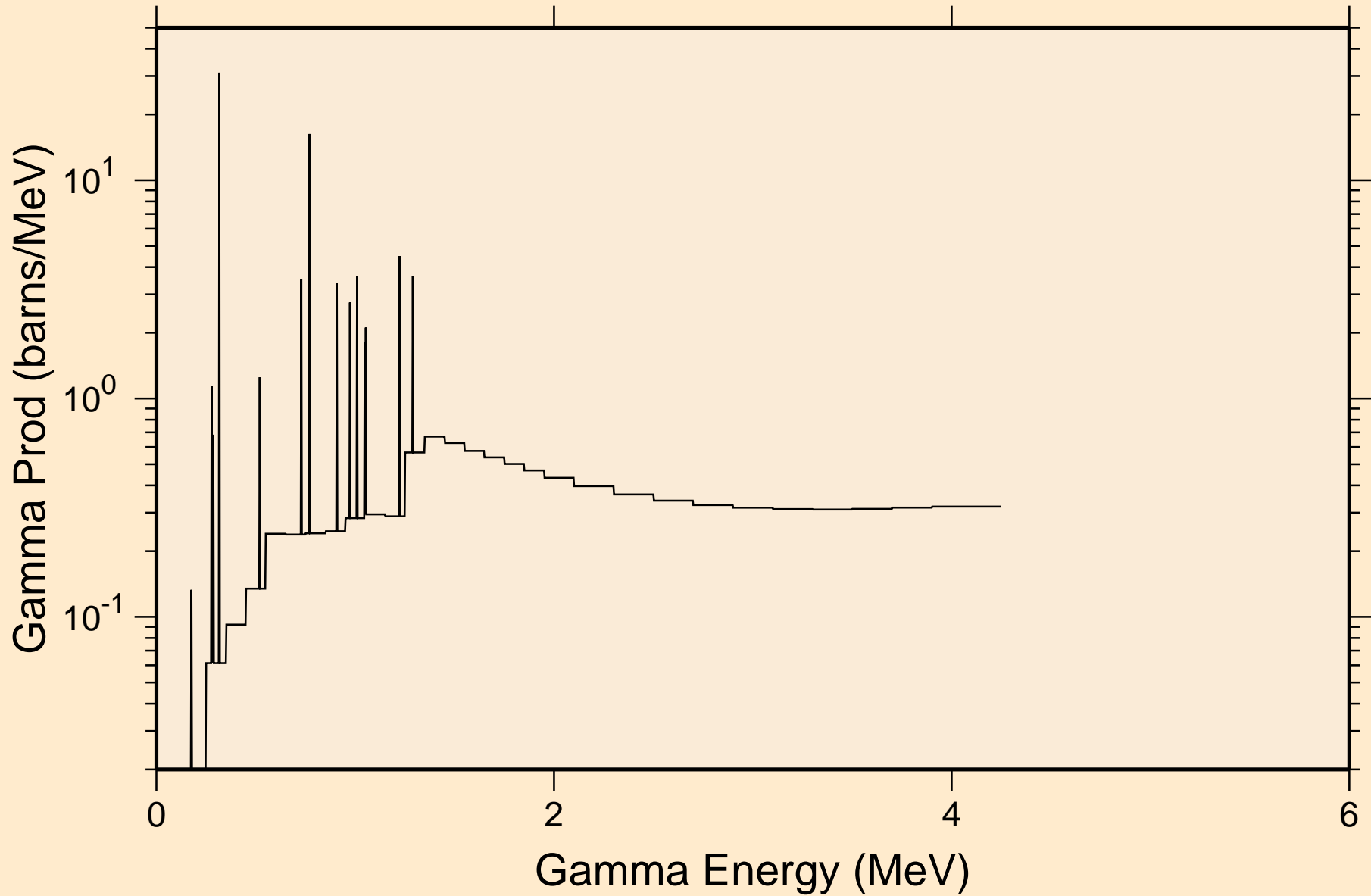




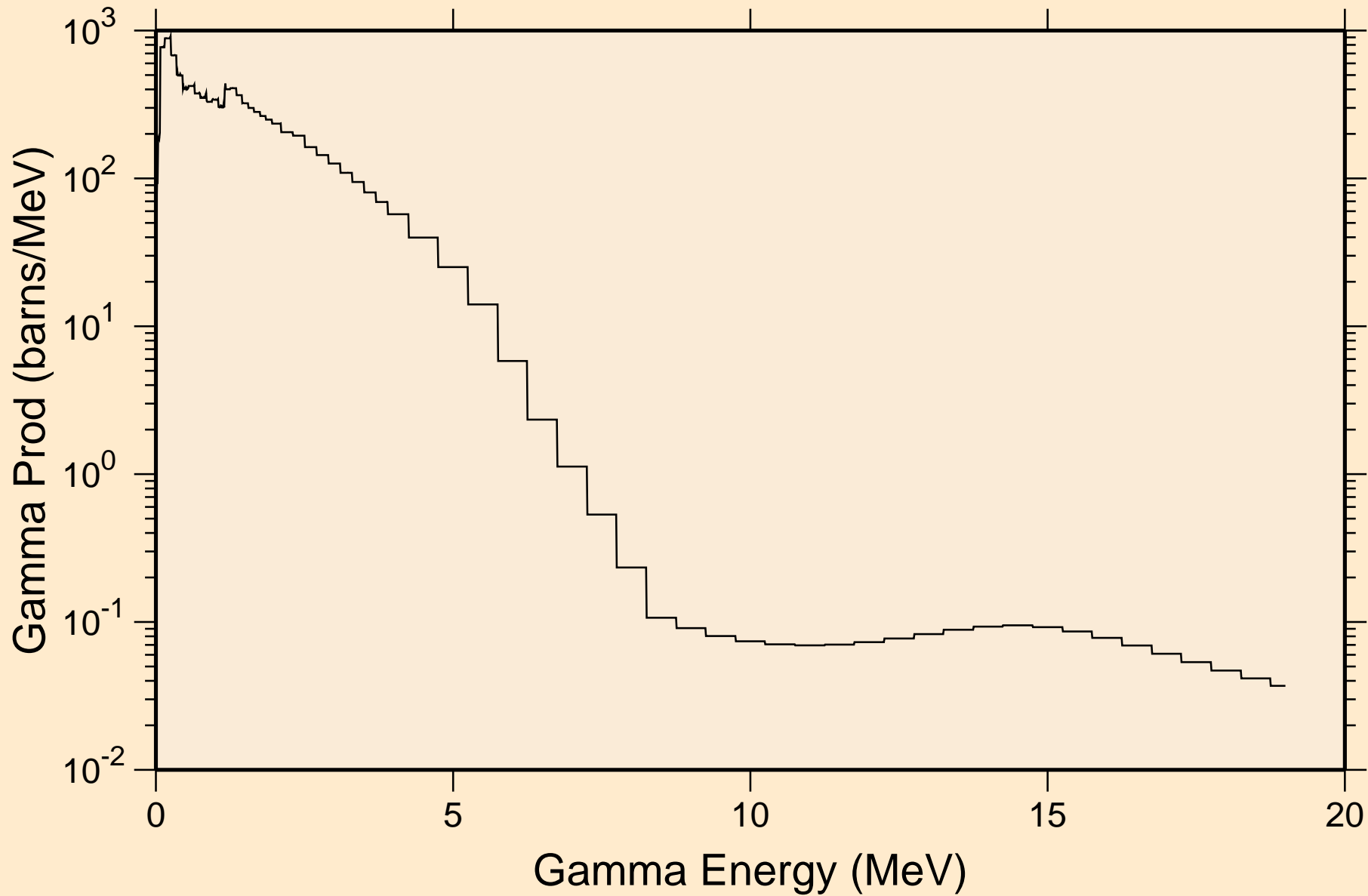
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

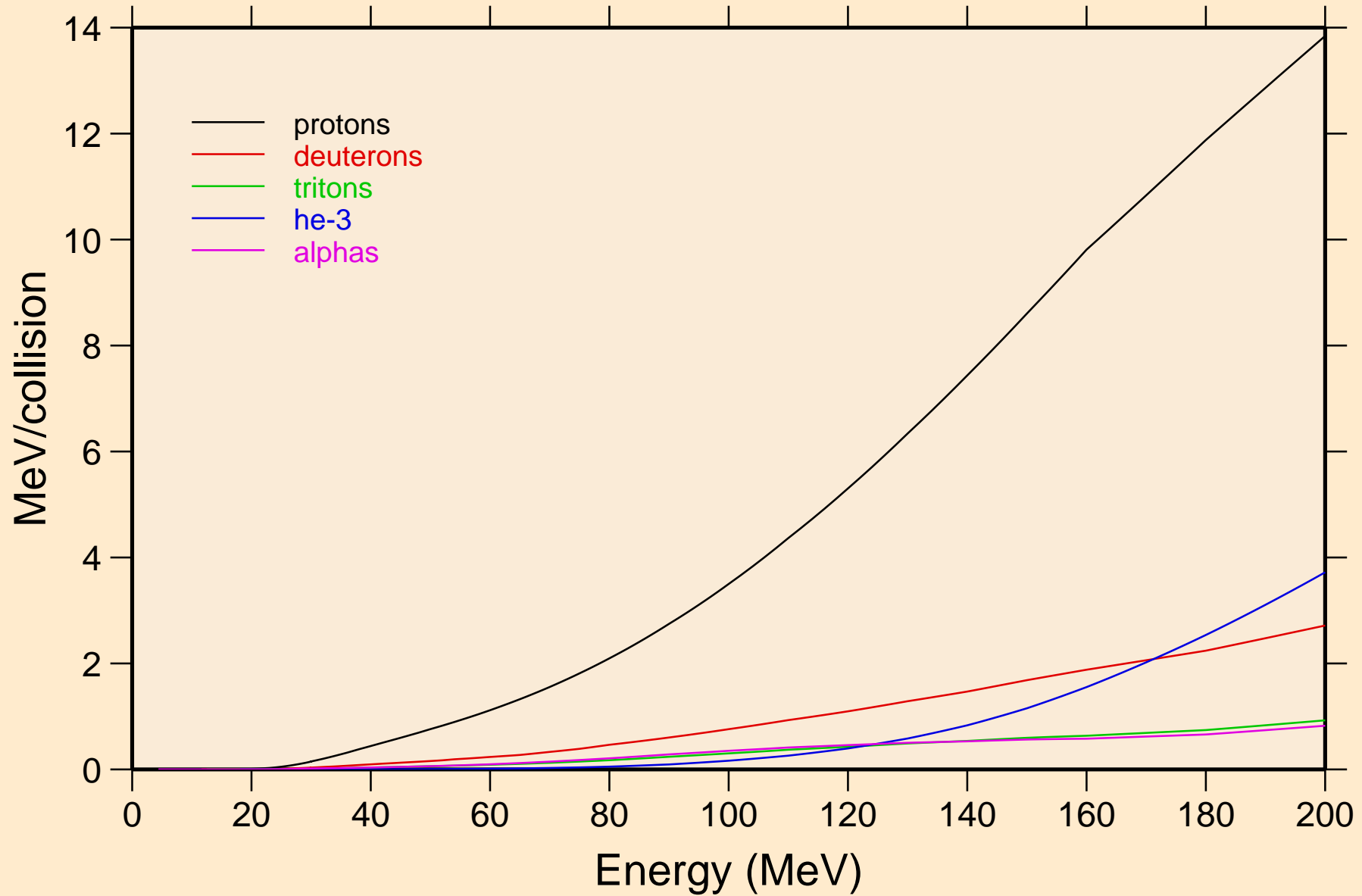


SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



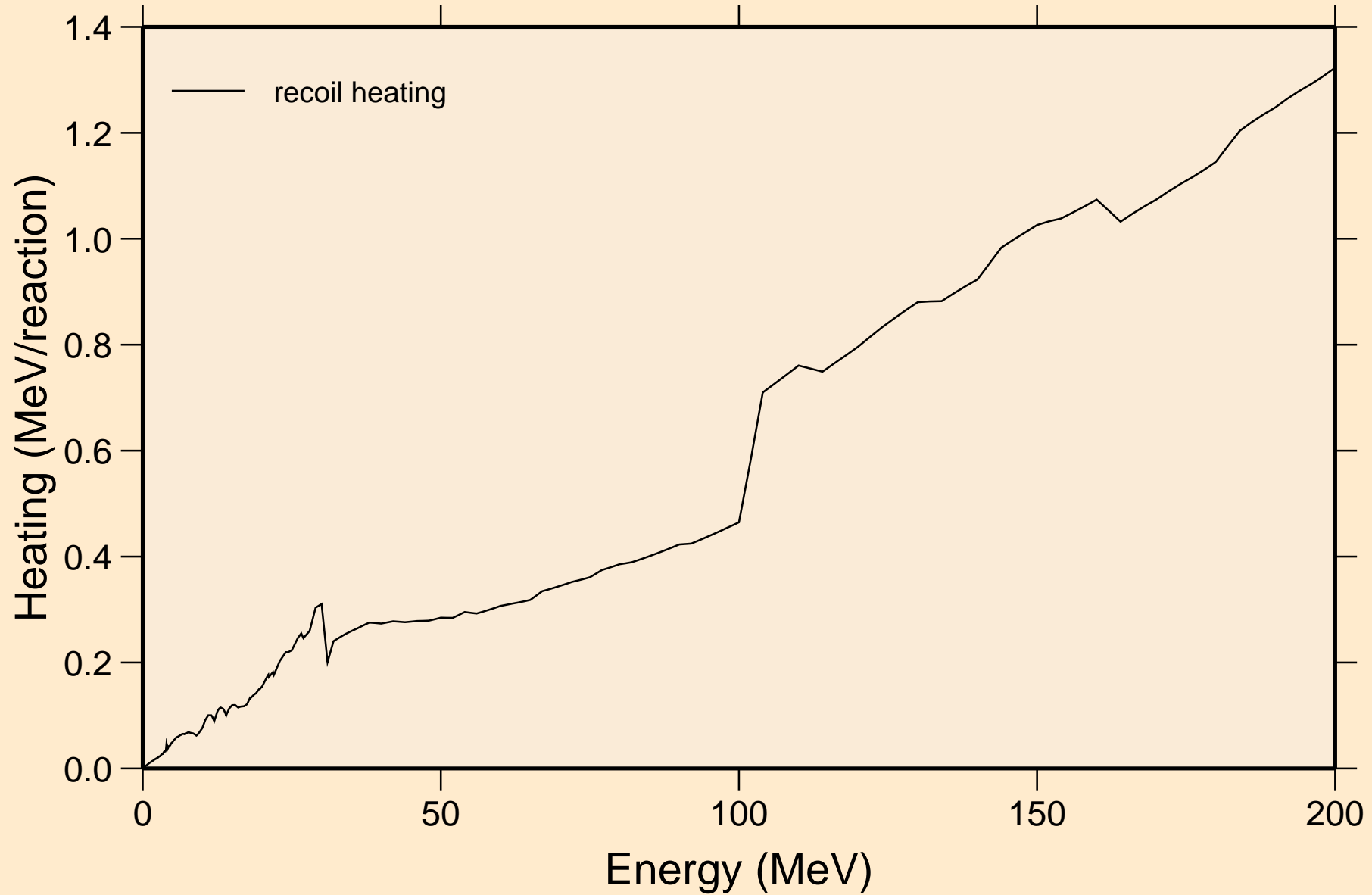
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## Particle heating contributions



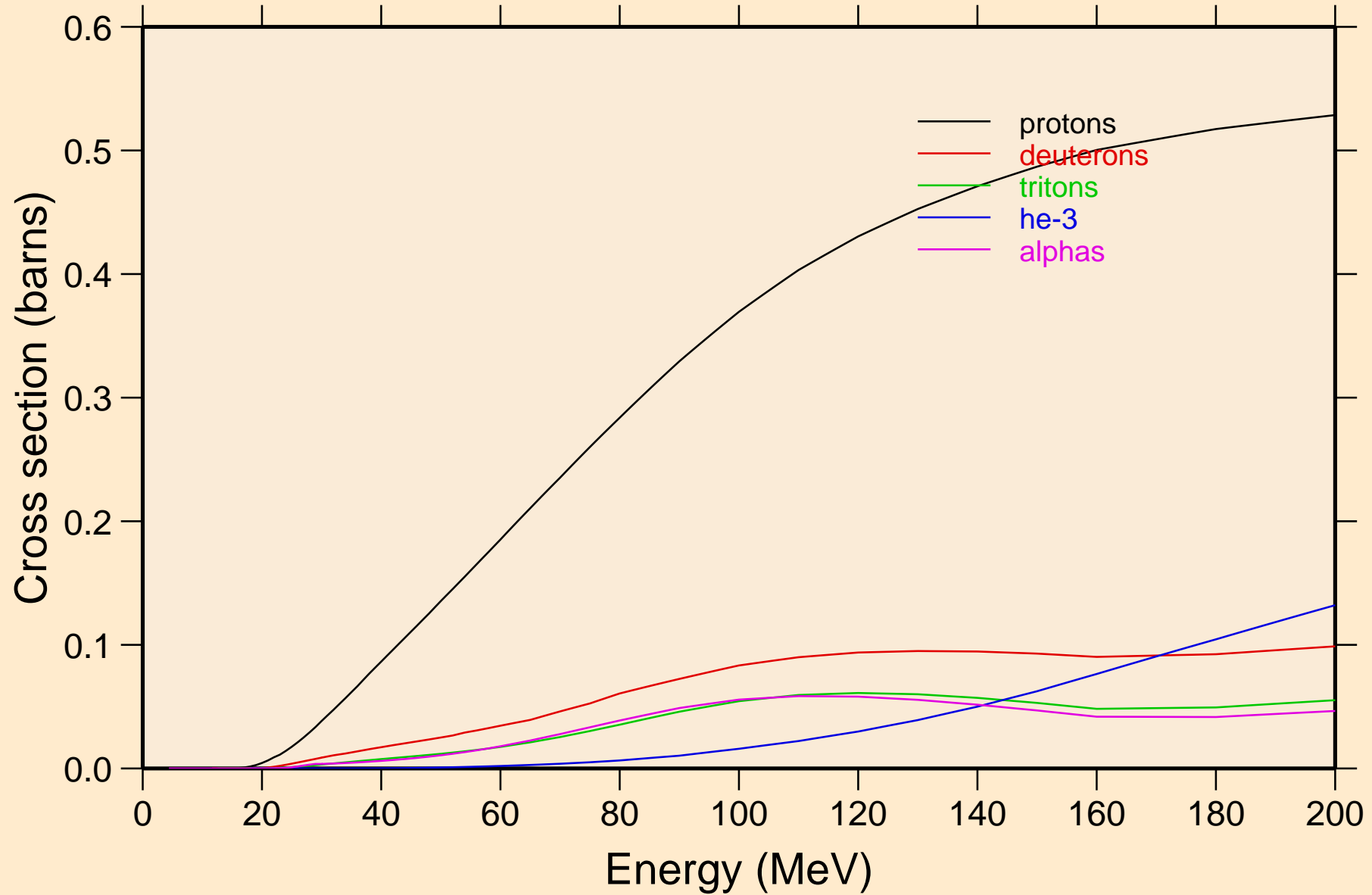
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## Recoil Heating

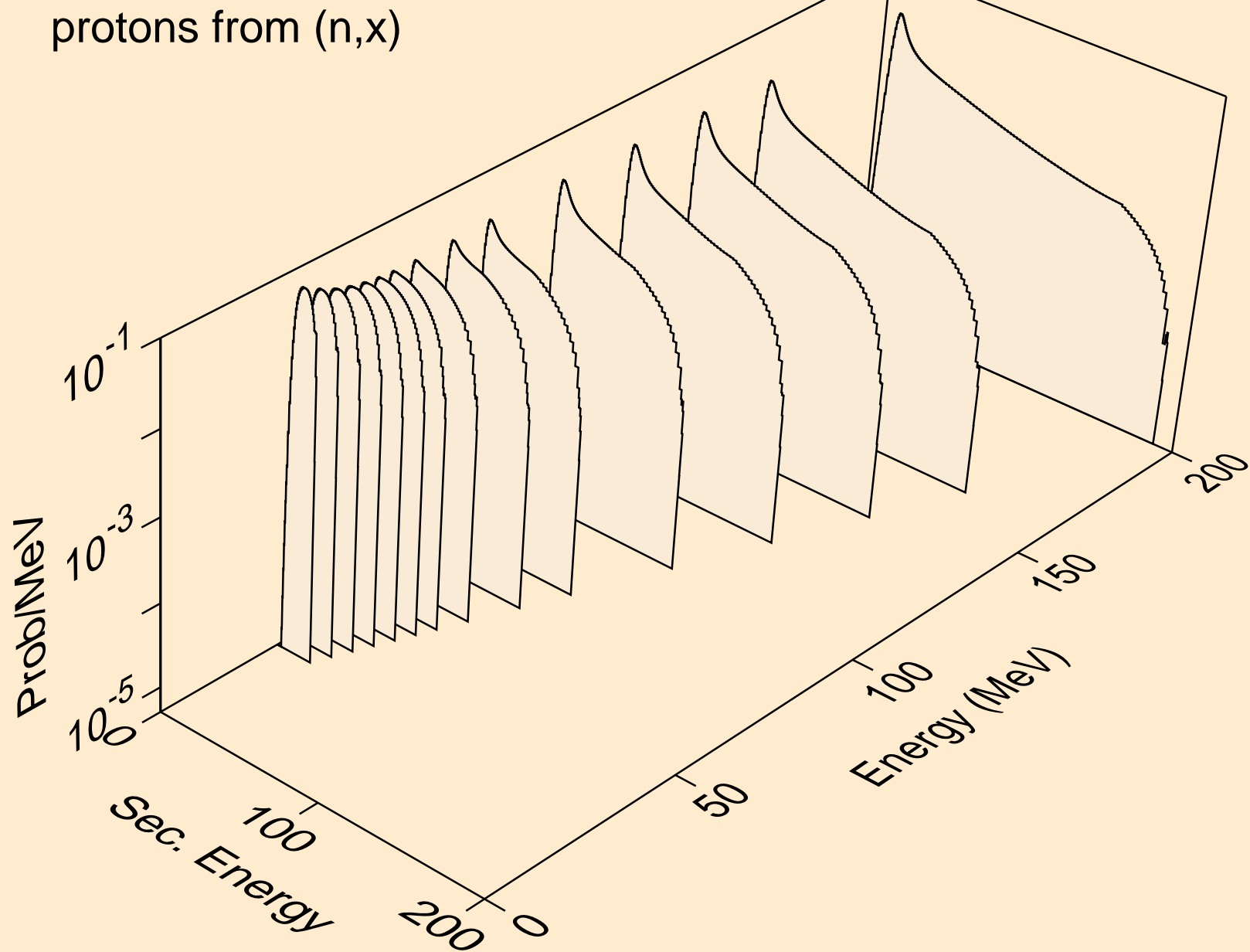


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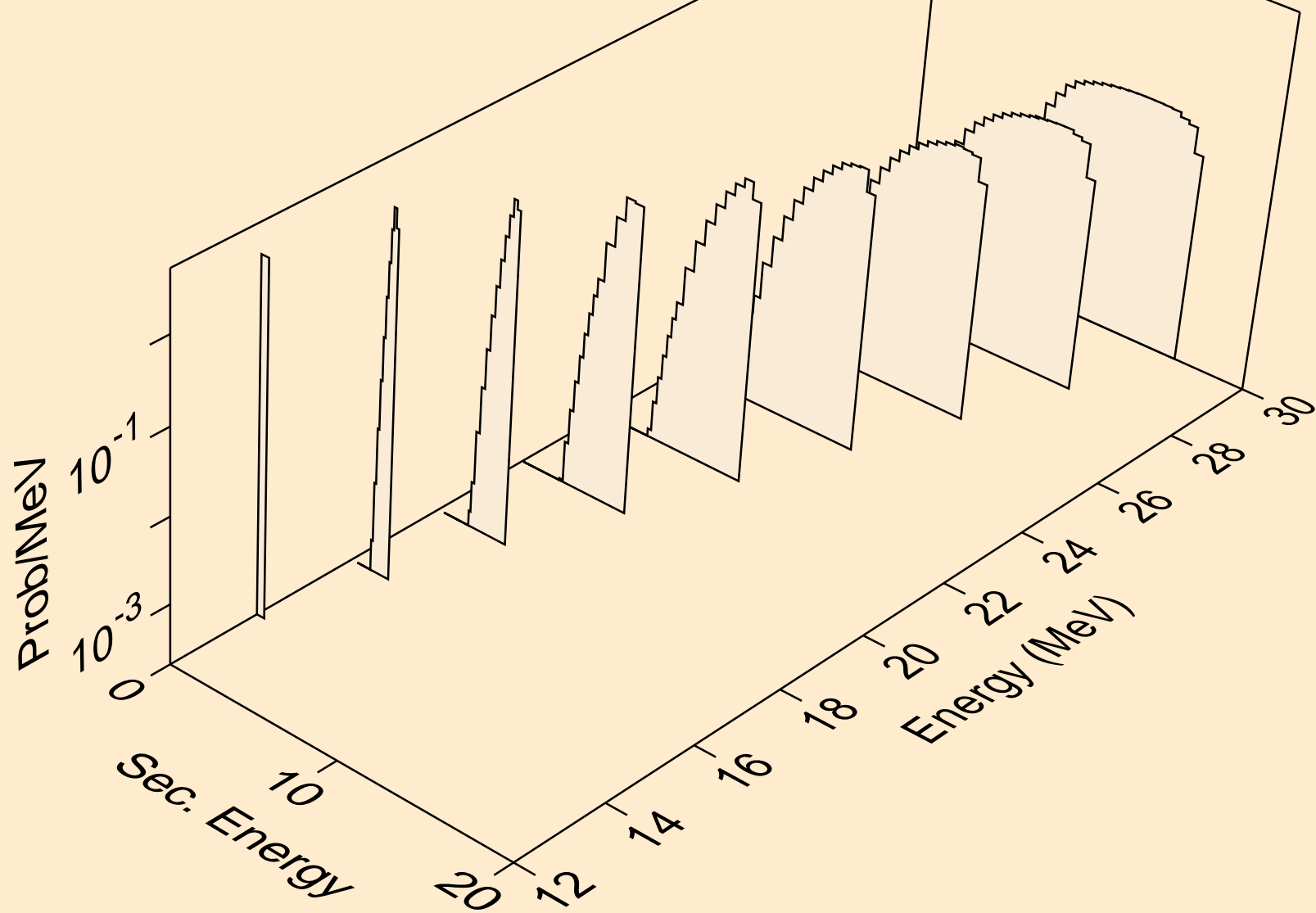
## Particle production cross sections



SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

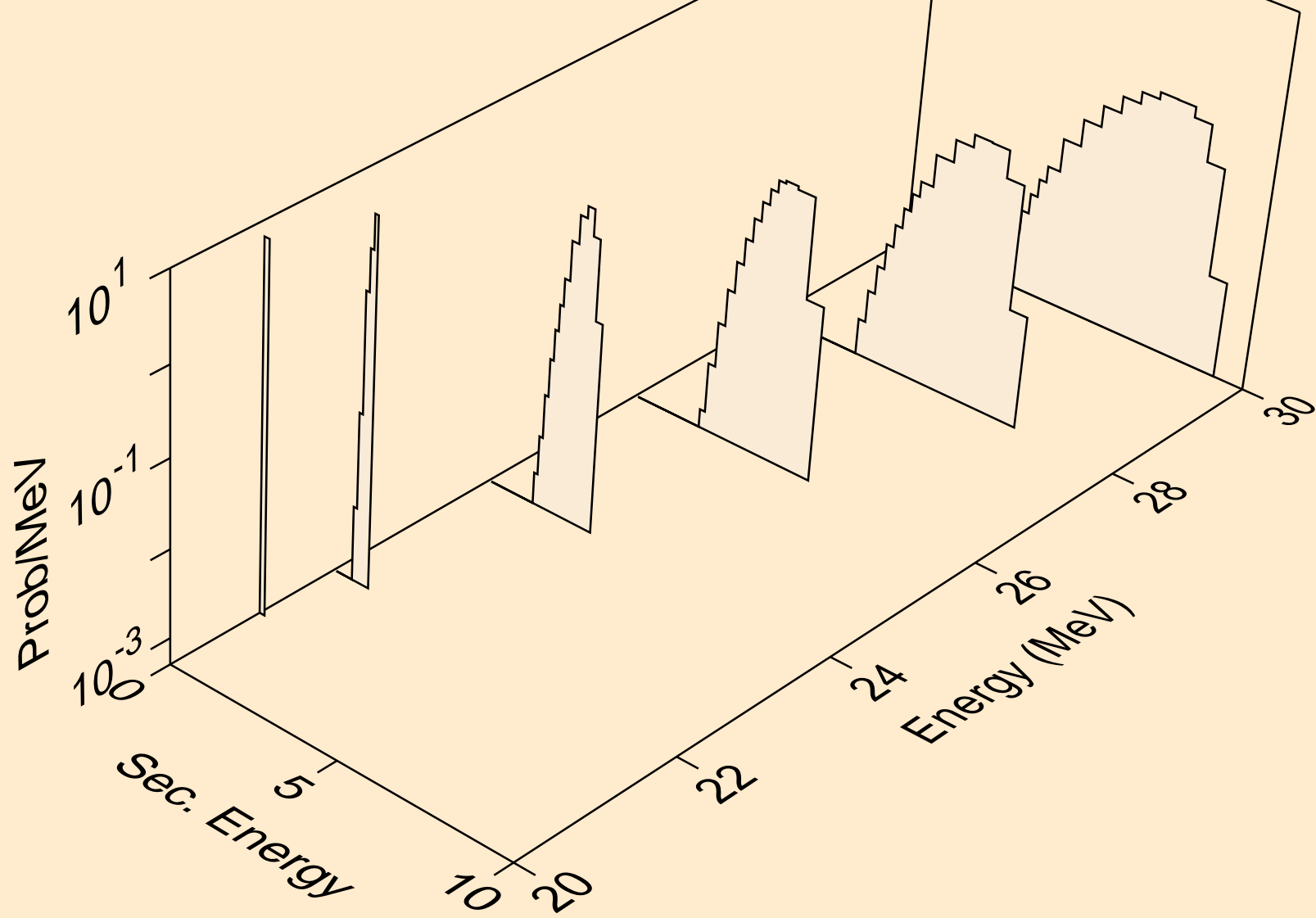


SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

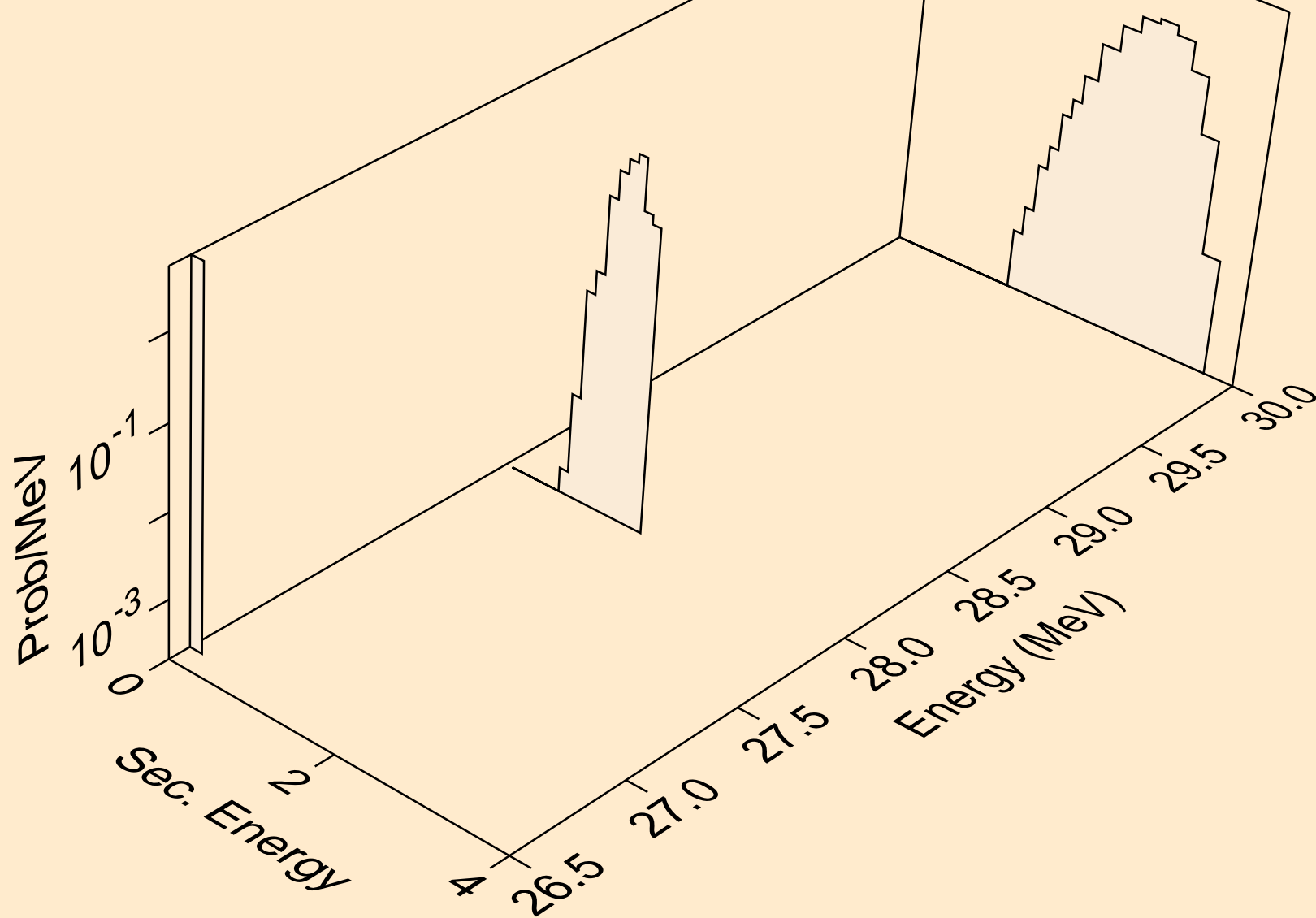




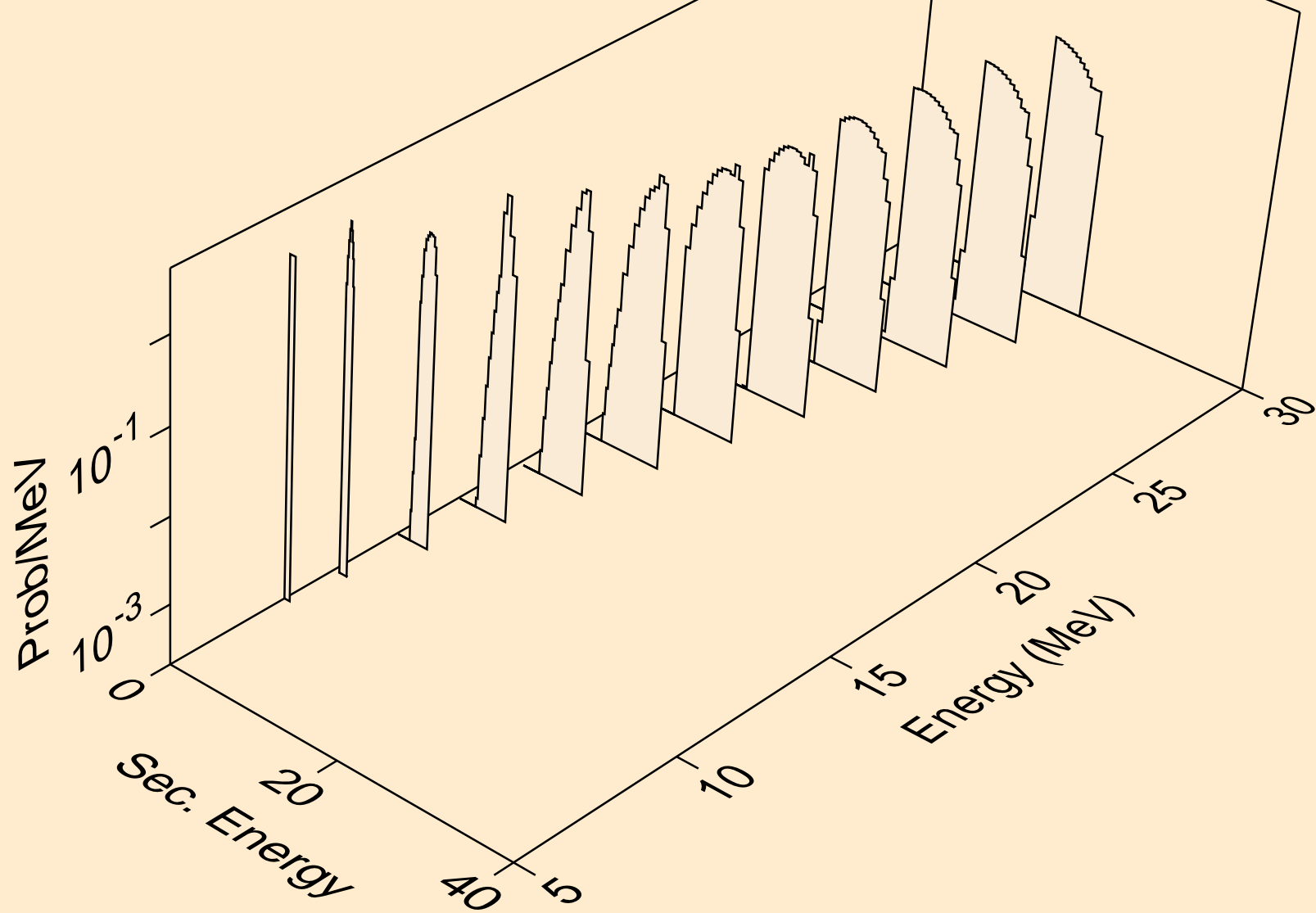
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



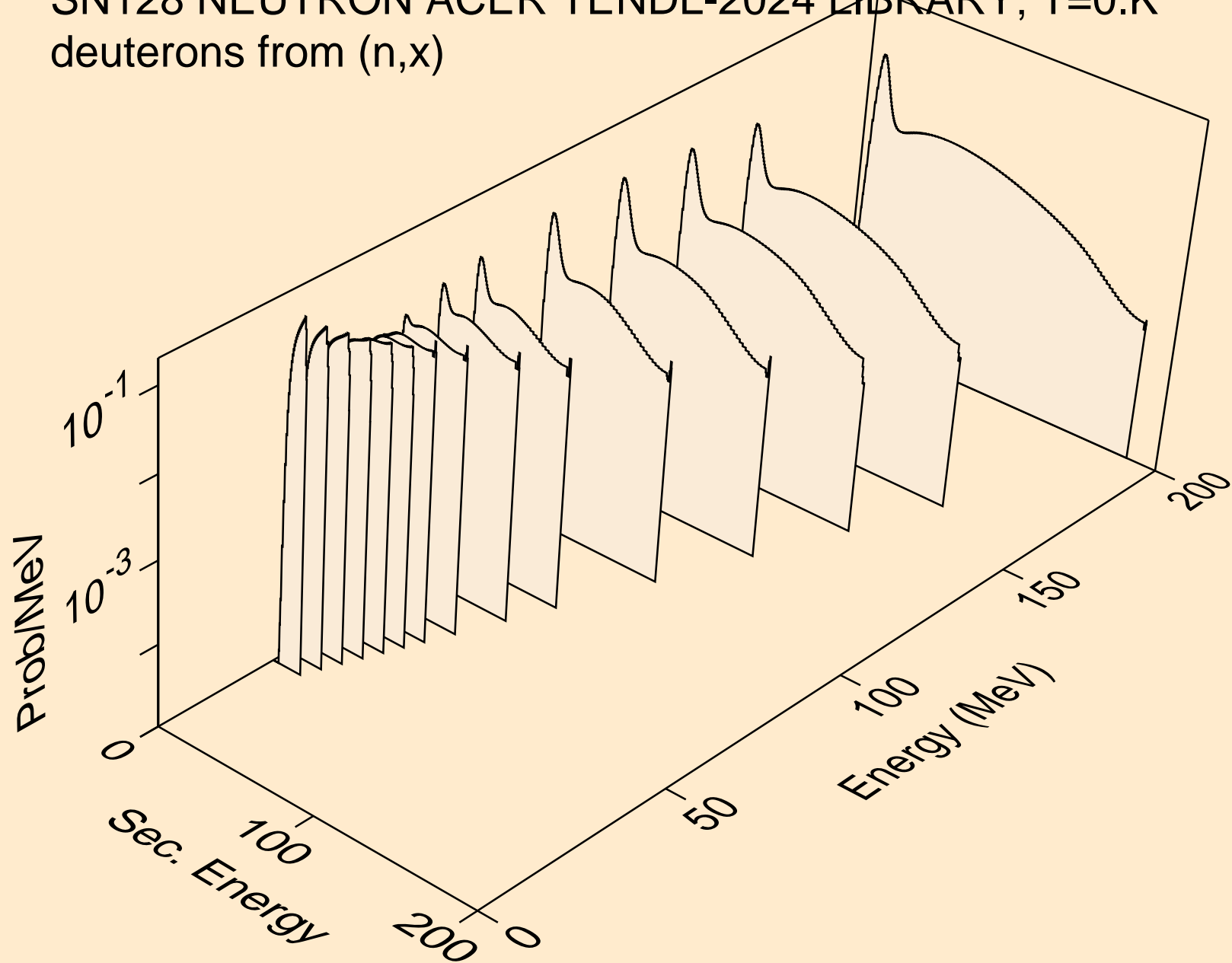
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protons from (n,3np)



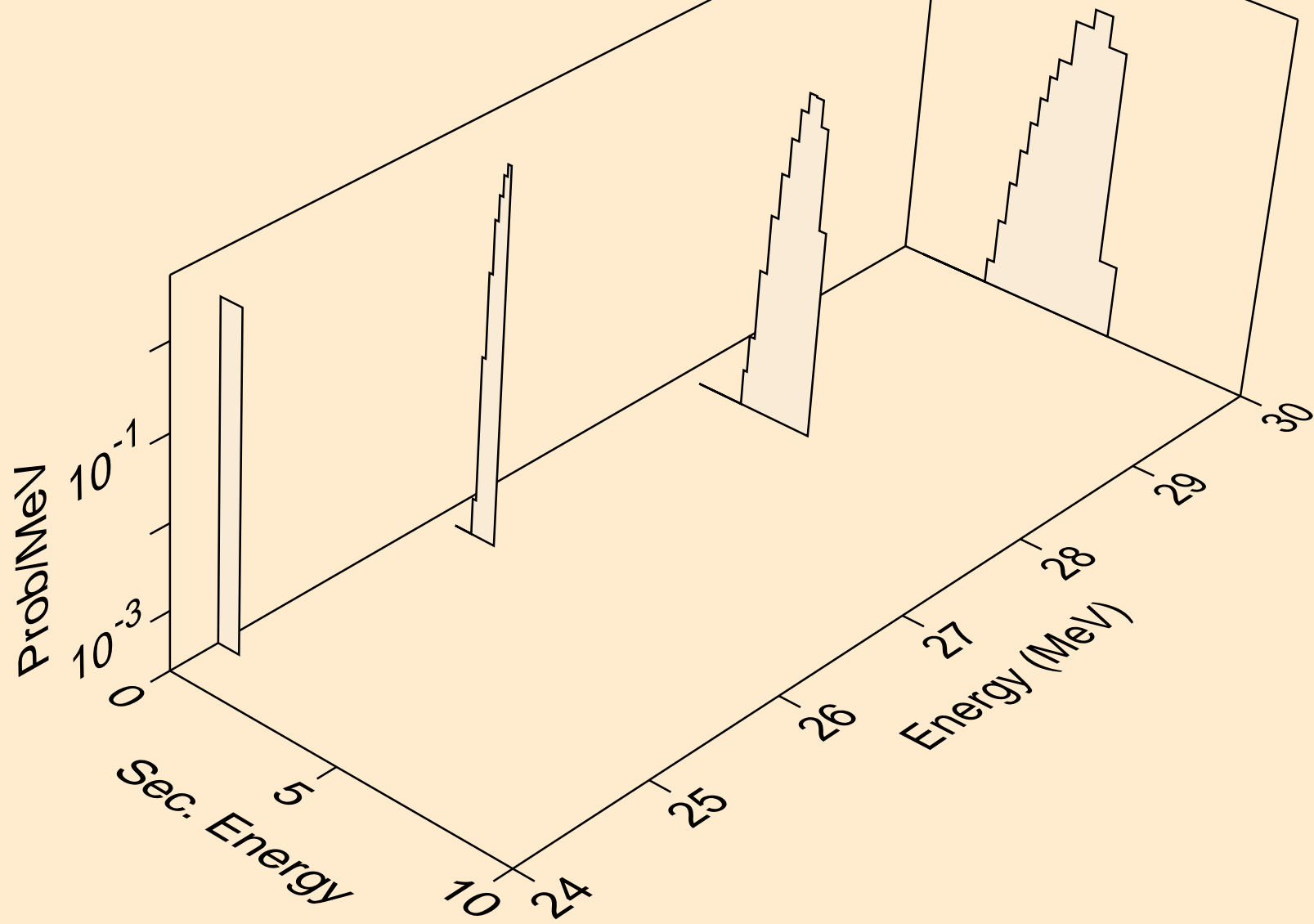
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



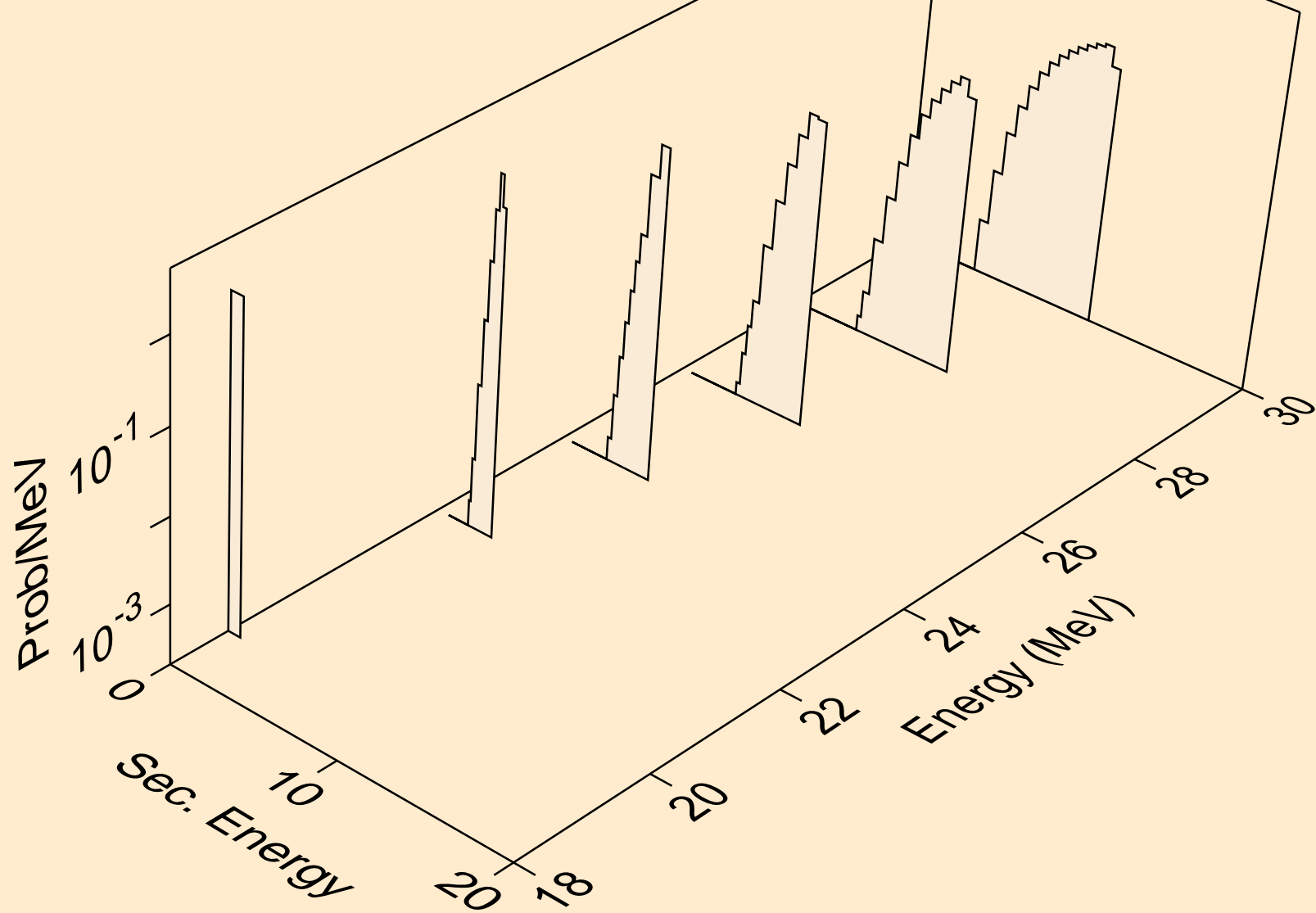
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



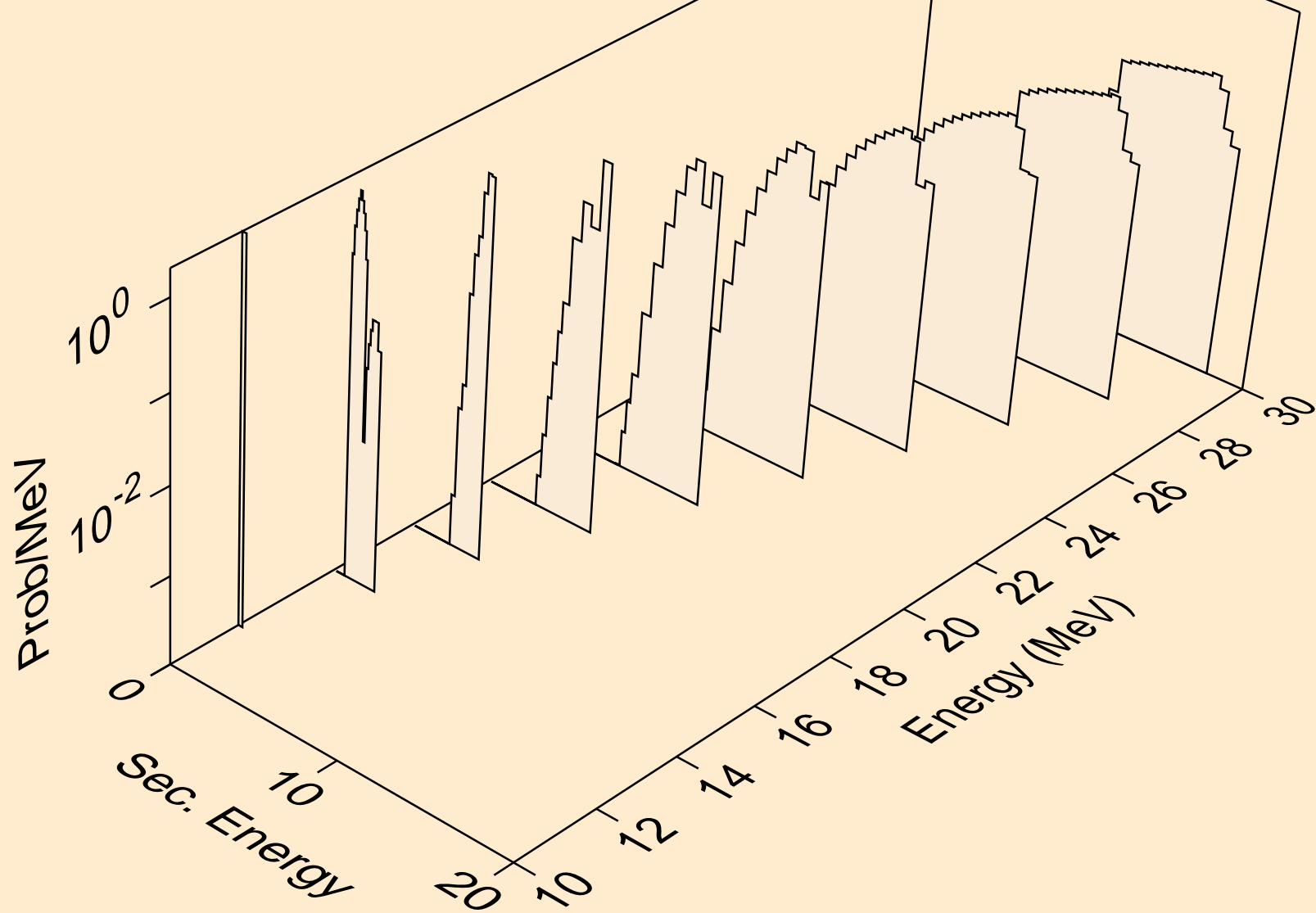
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deuterons from (n,2nd)



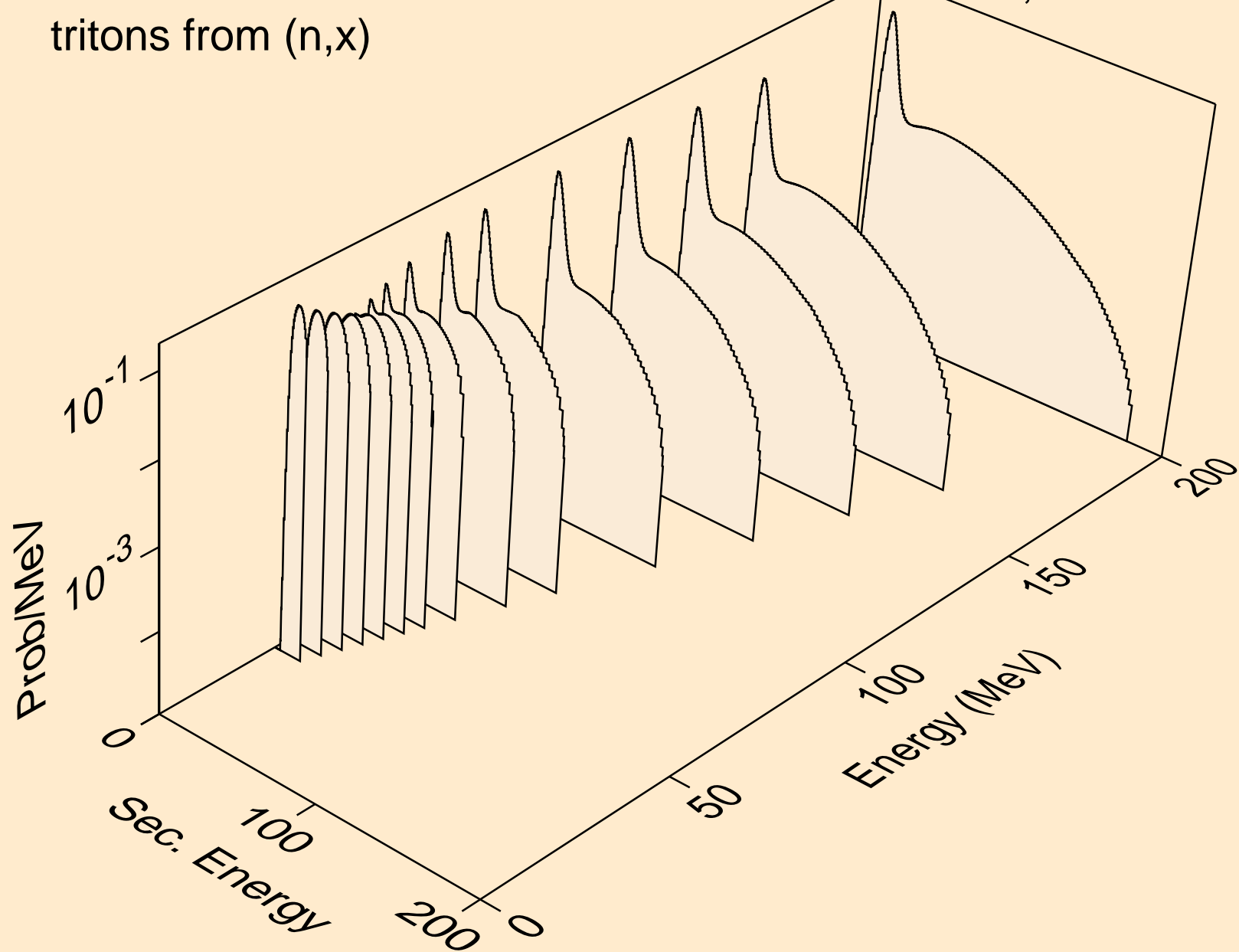
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)

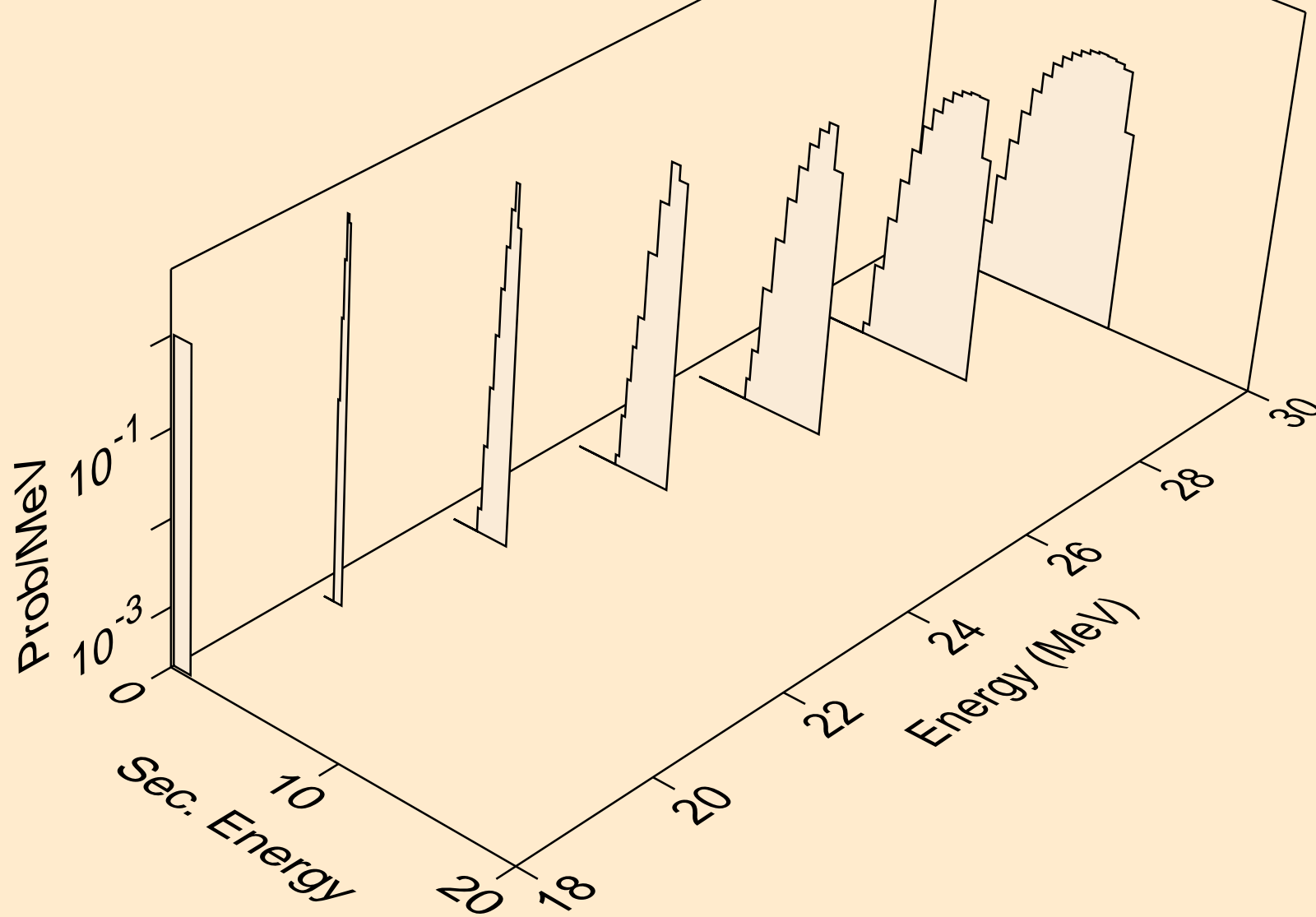


SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

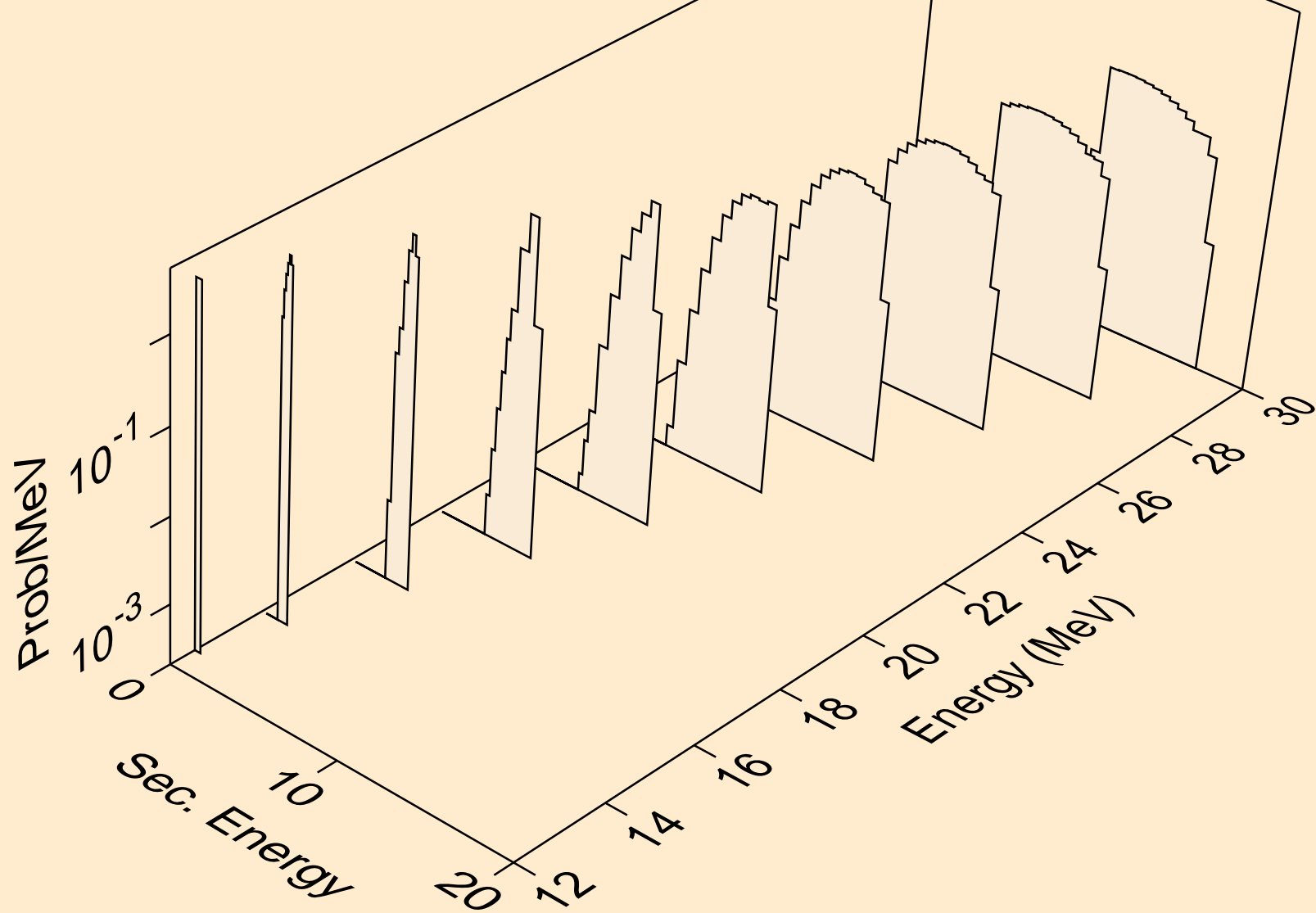




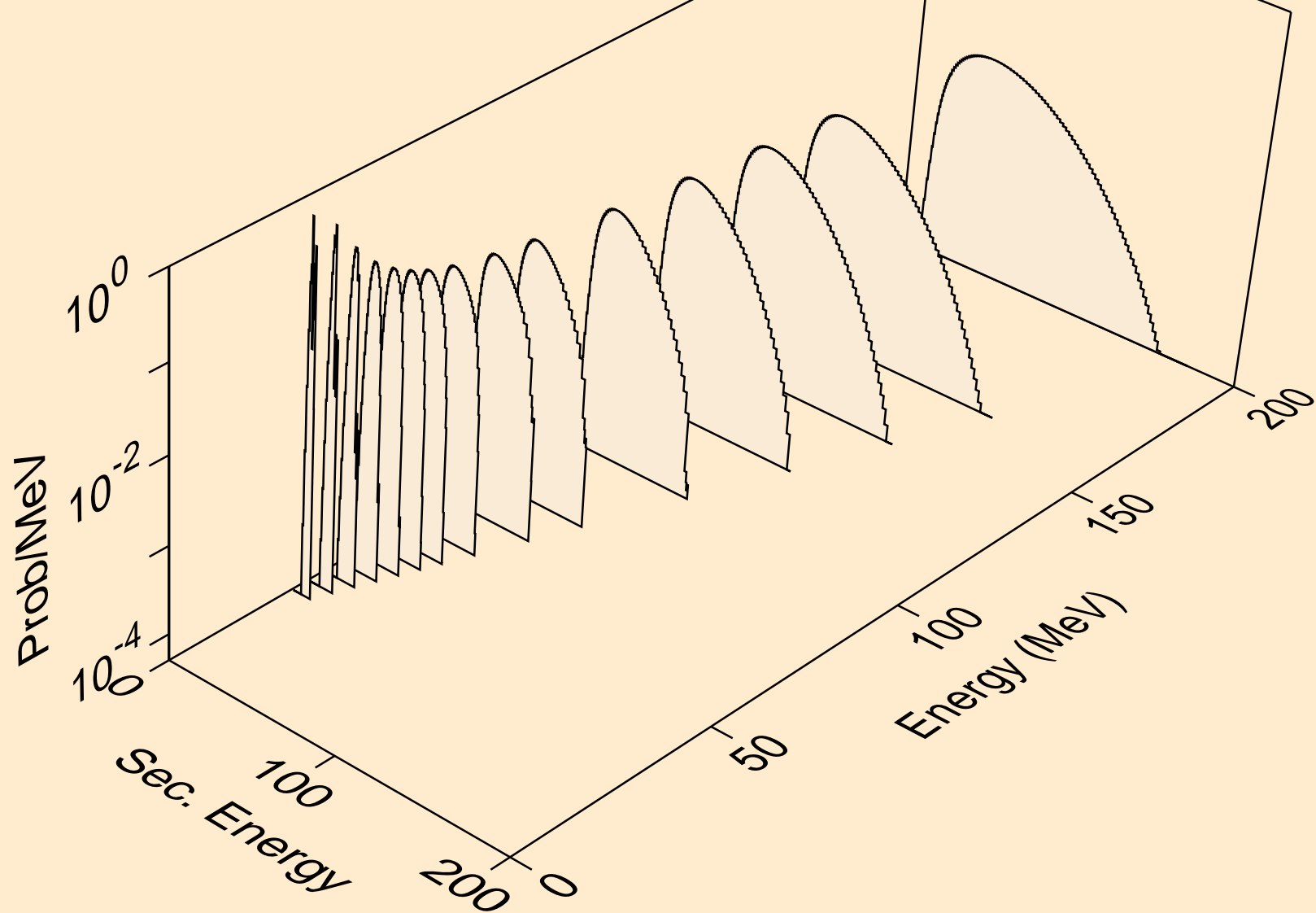
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



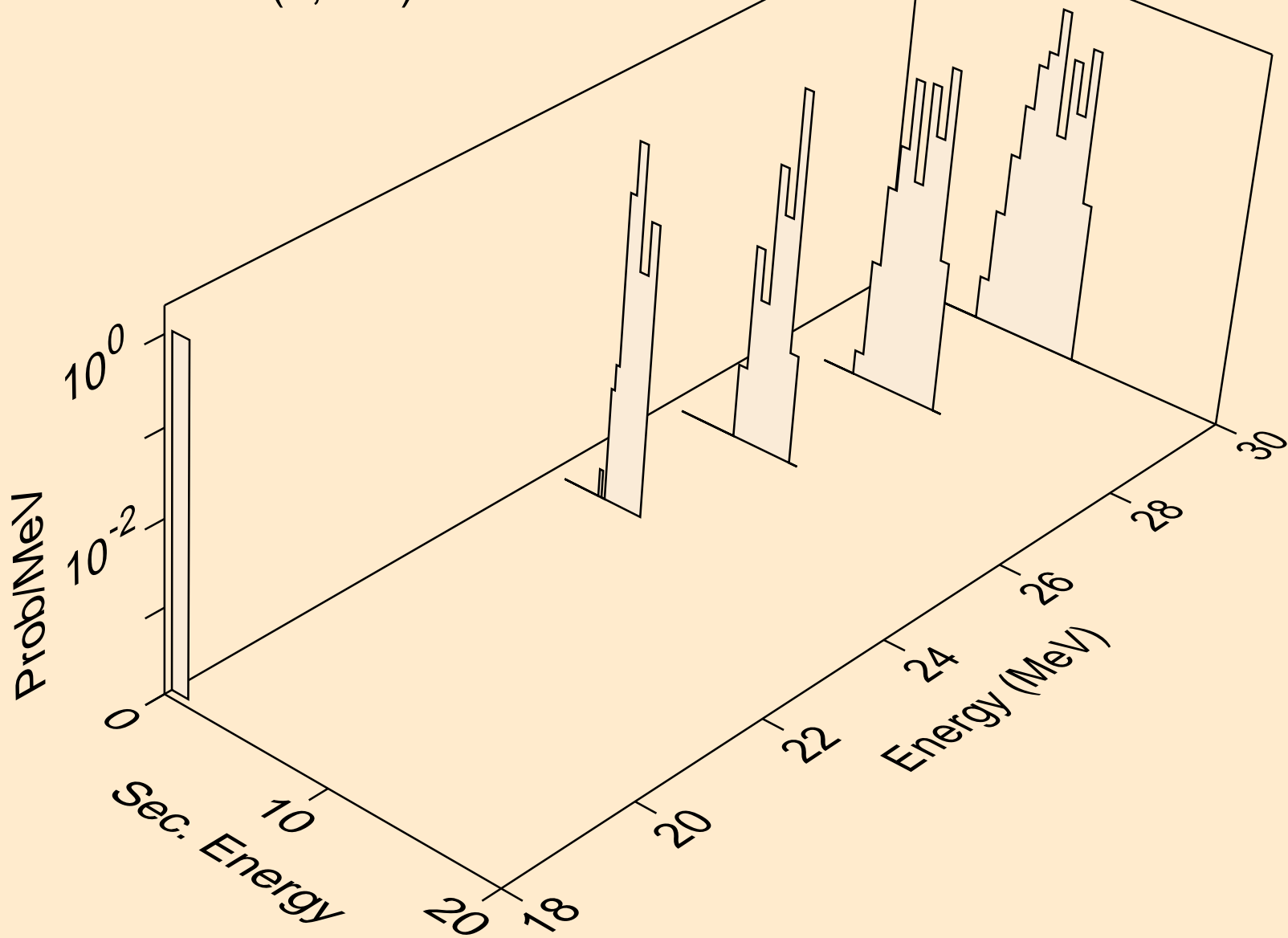
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



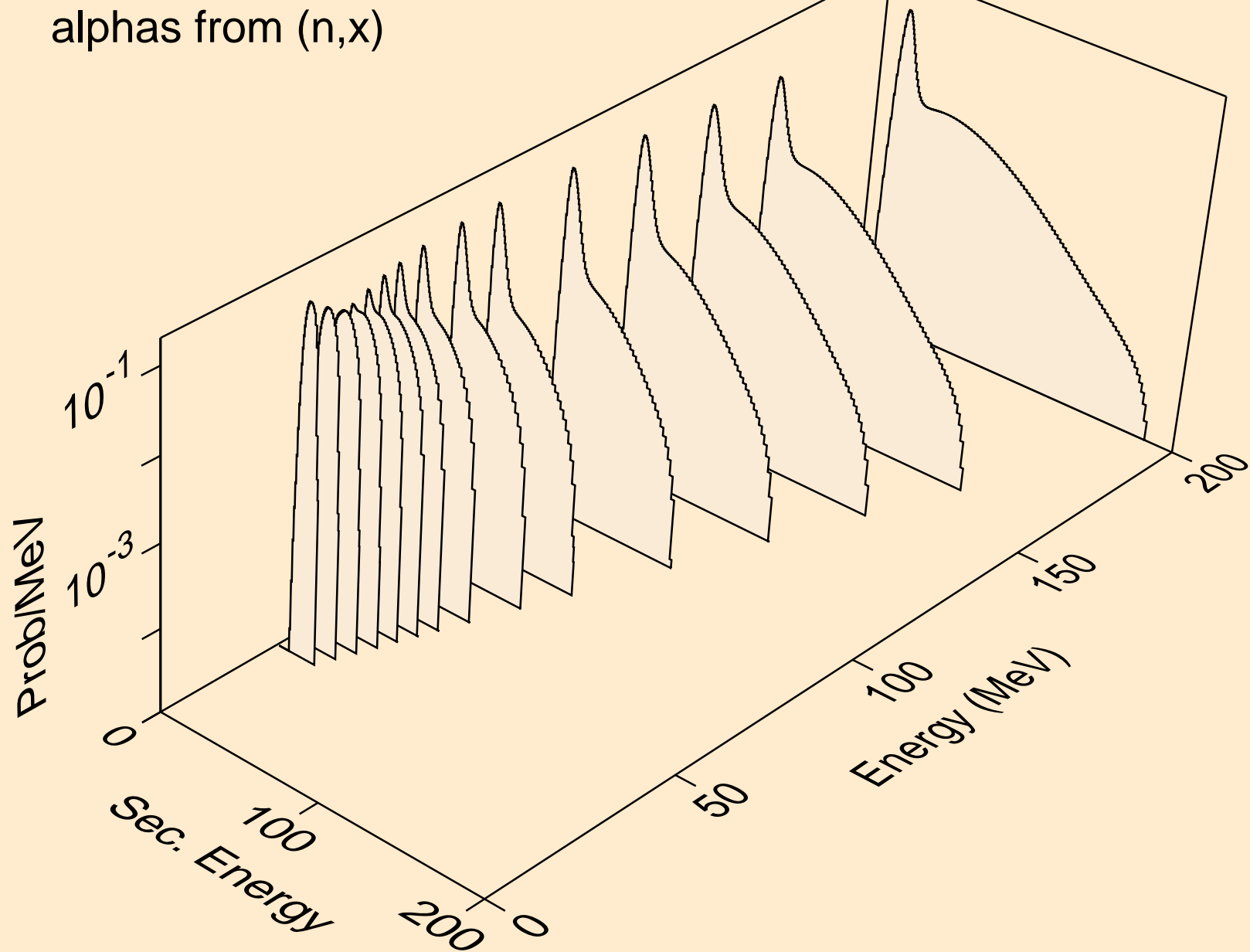
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



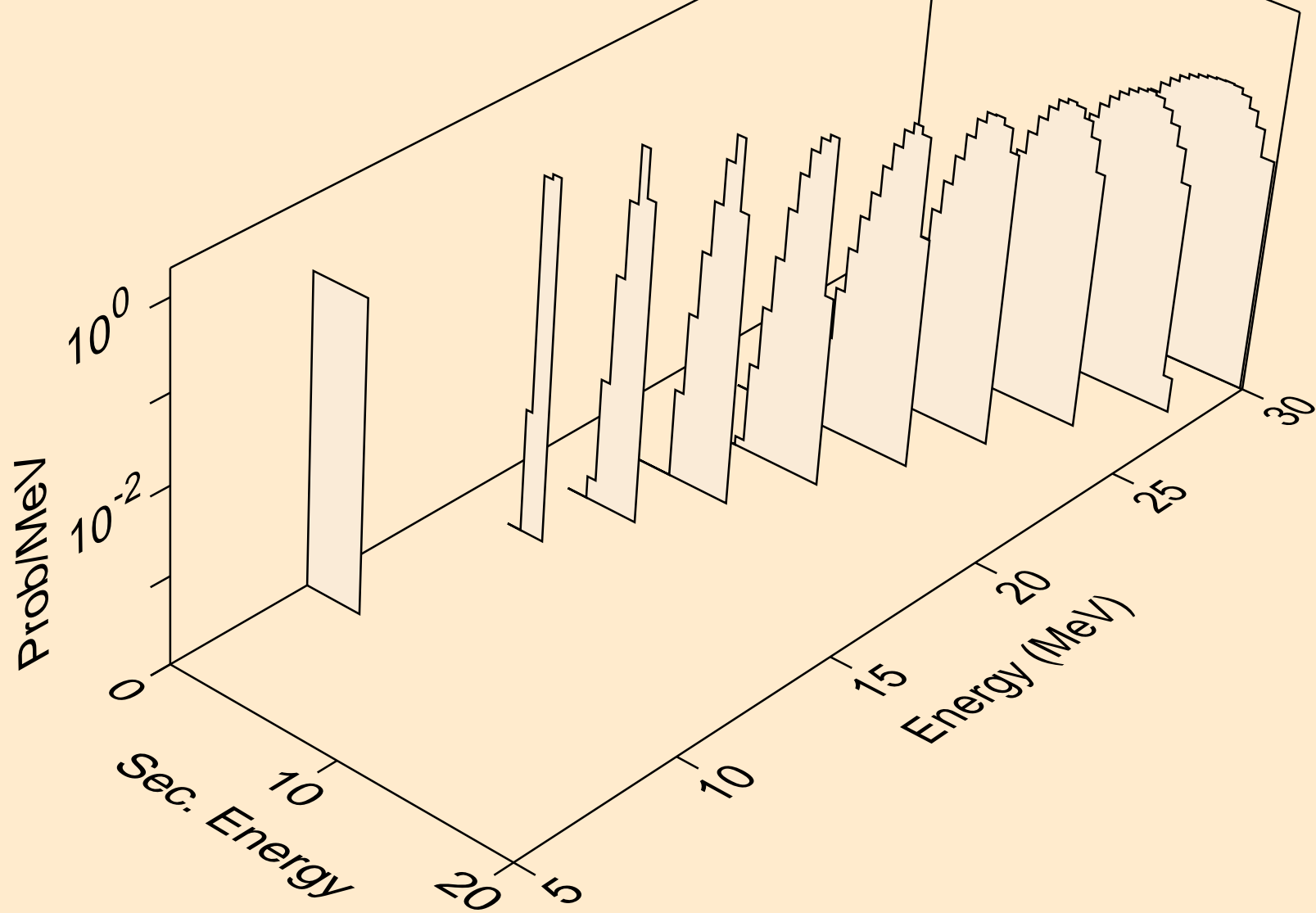
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



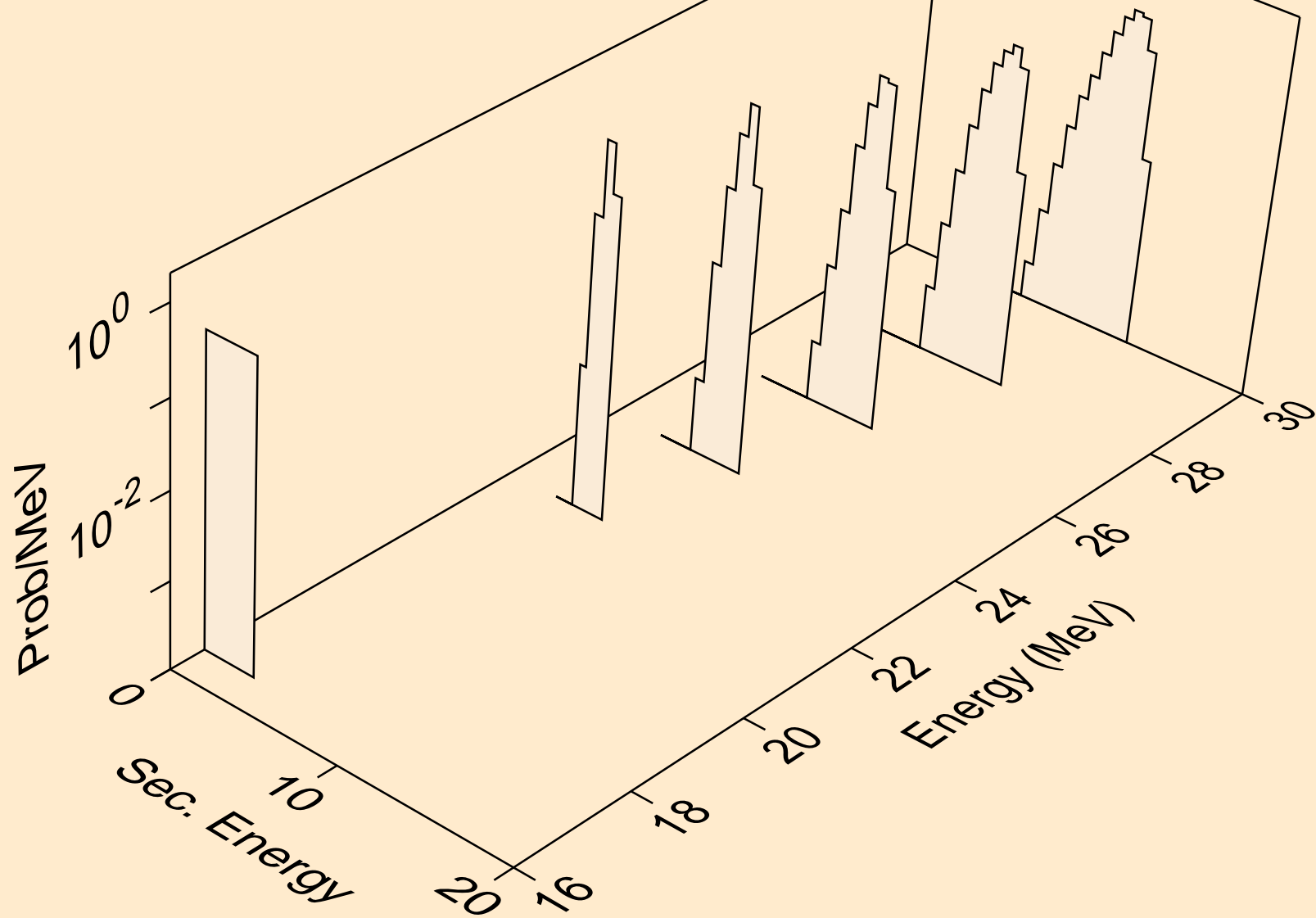
SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



SN128 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

