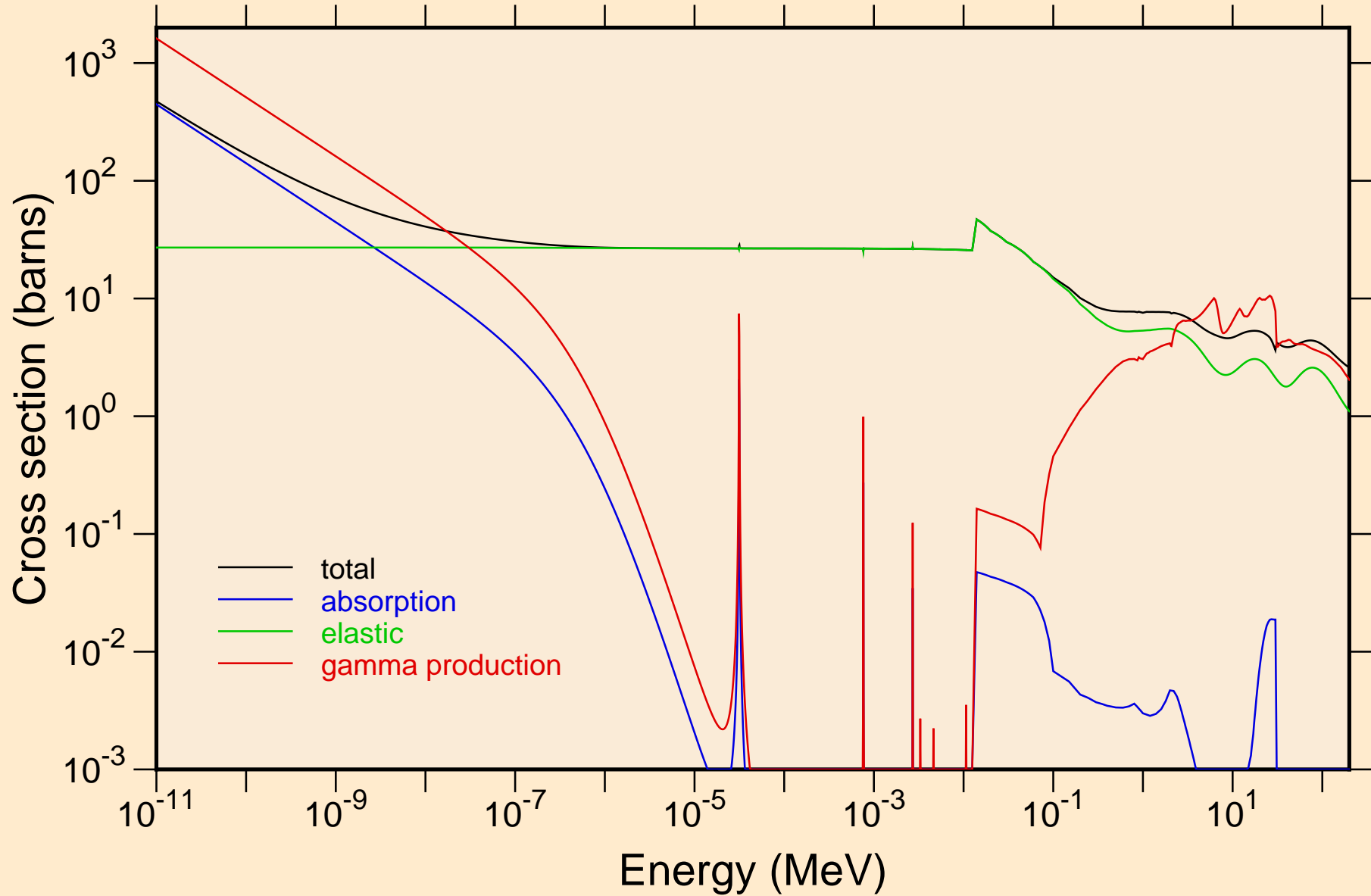
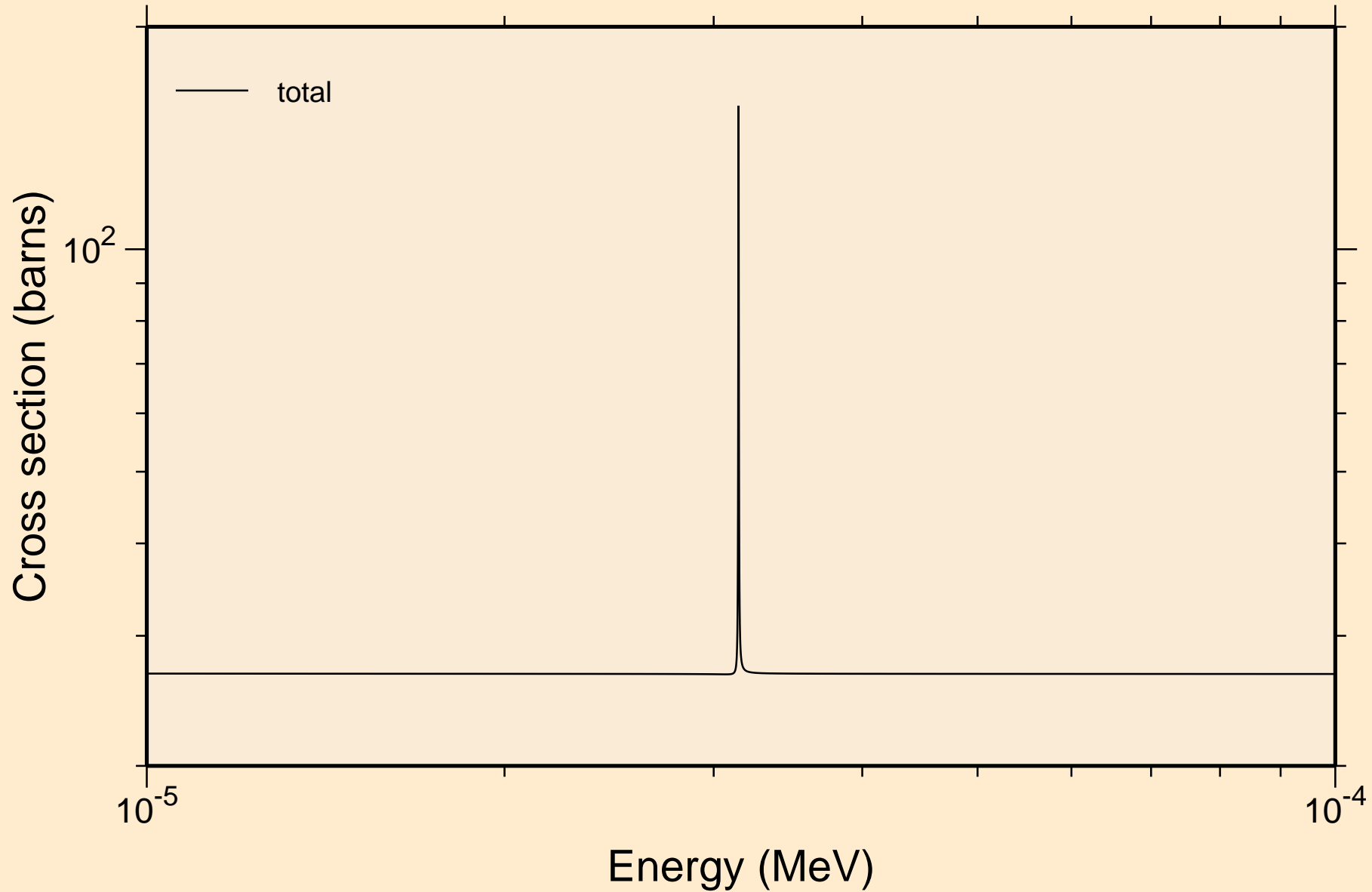


# DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

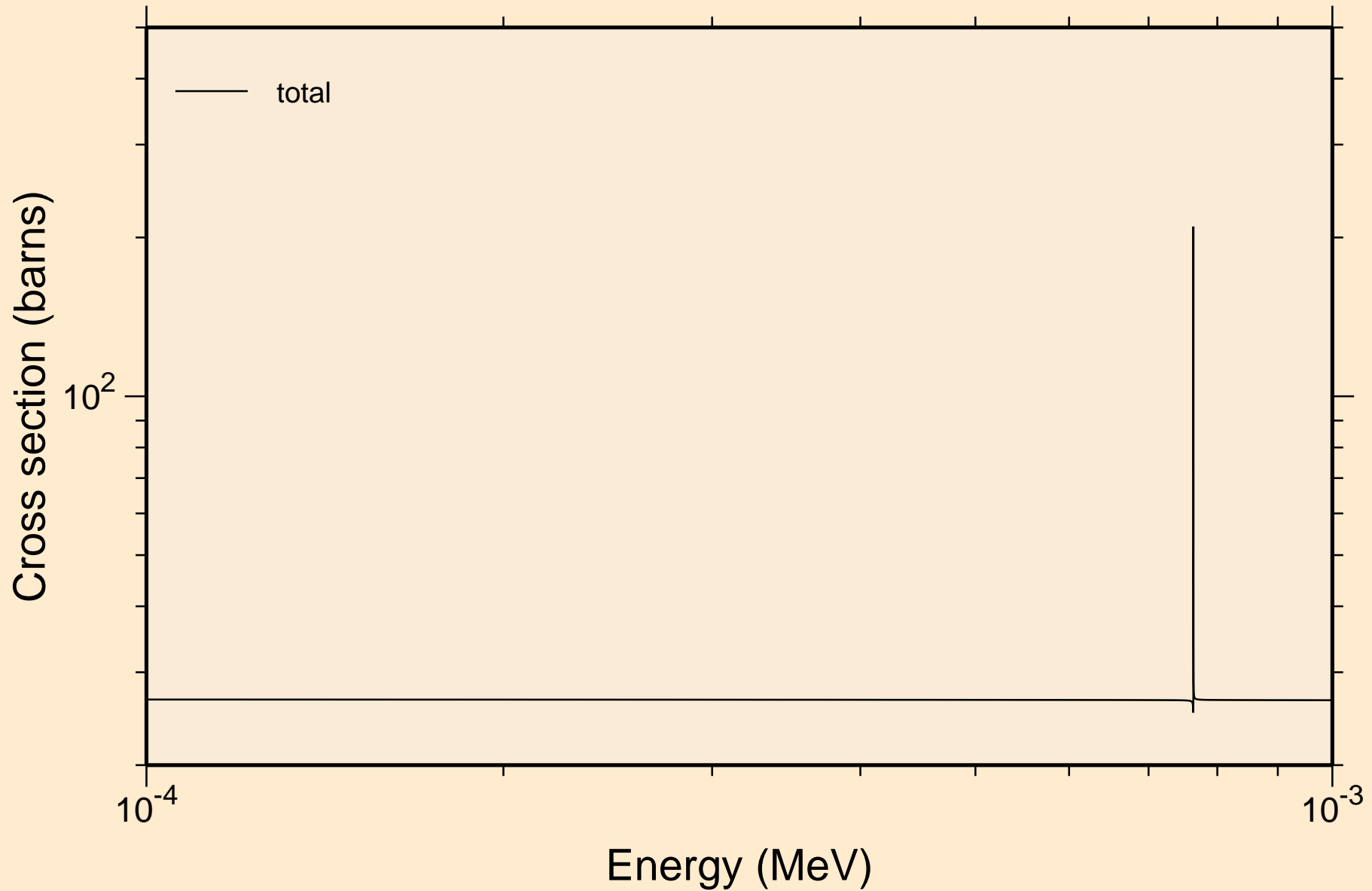
## Principal cross sections



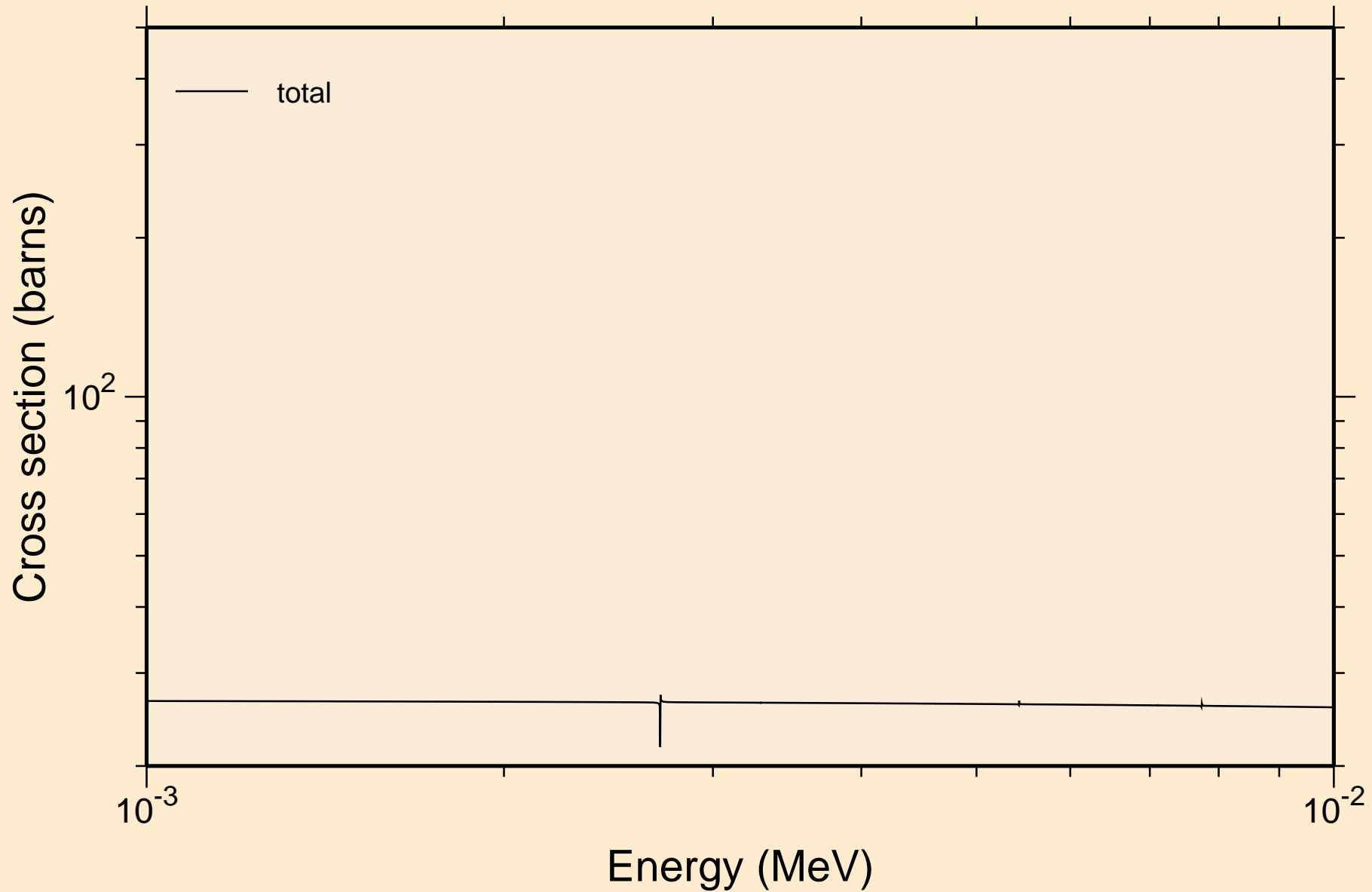
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



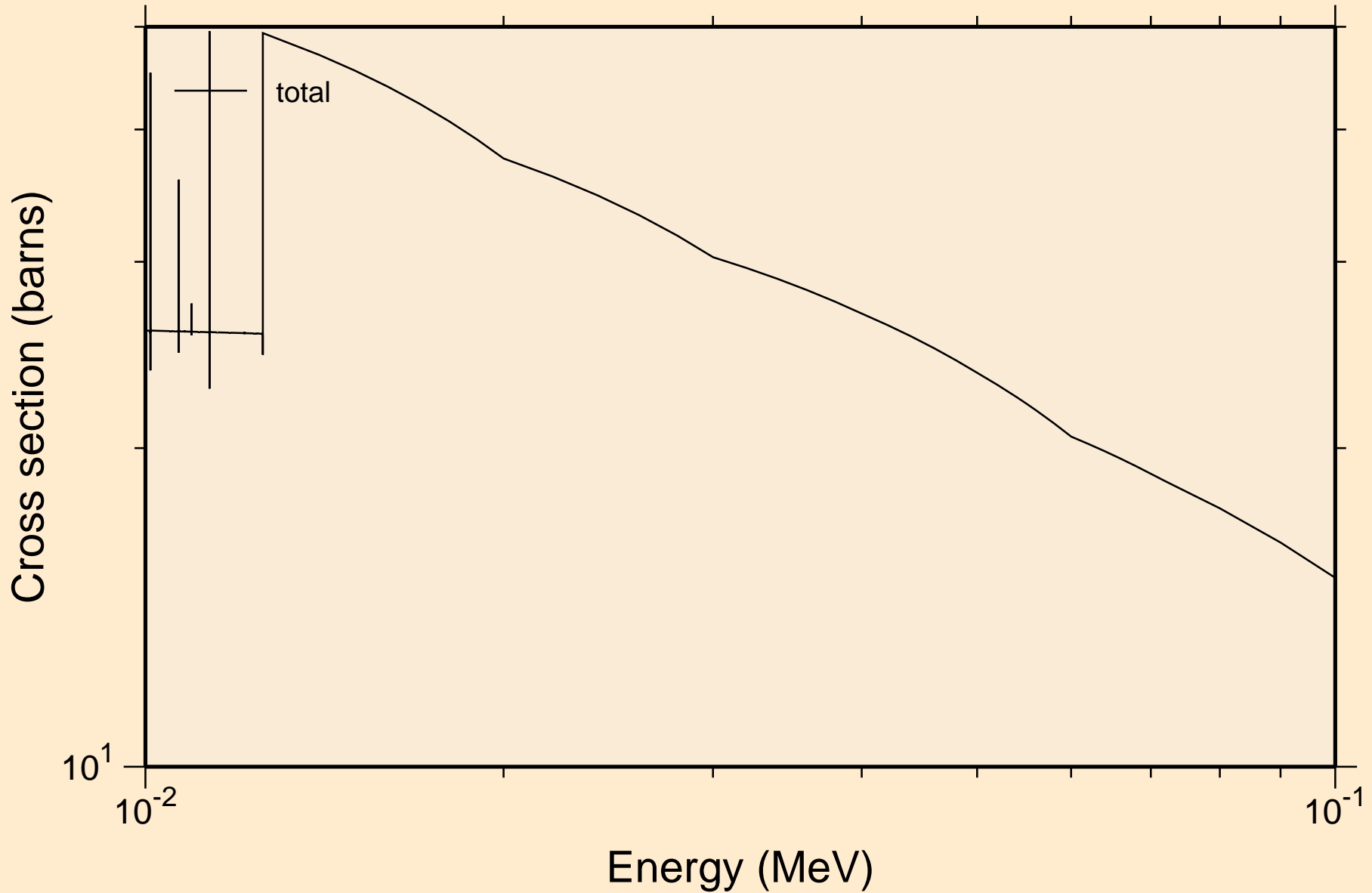
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



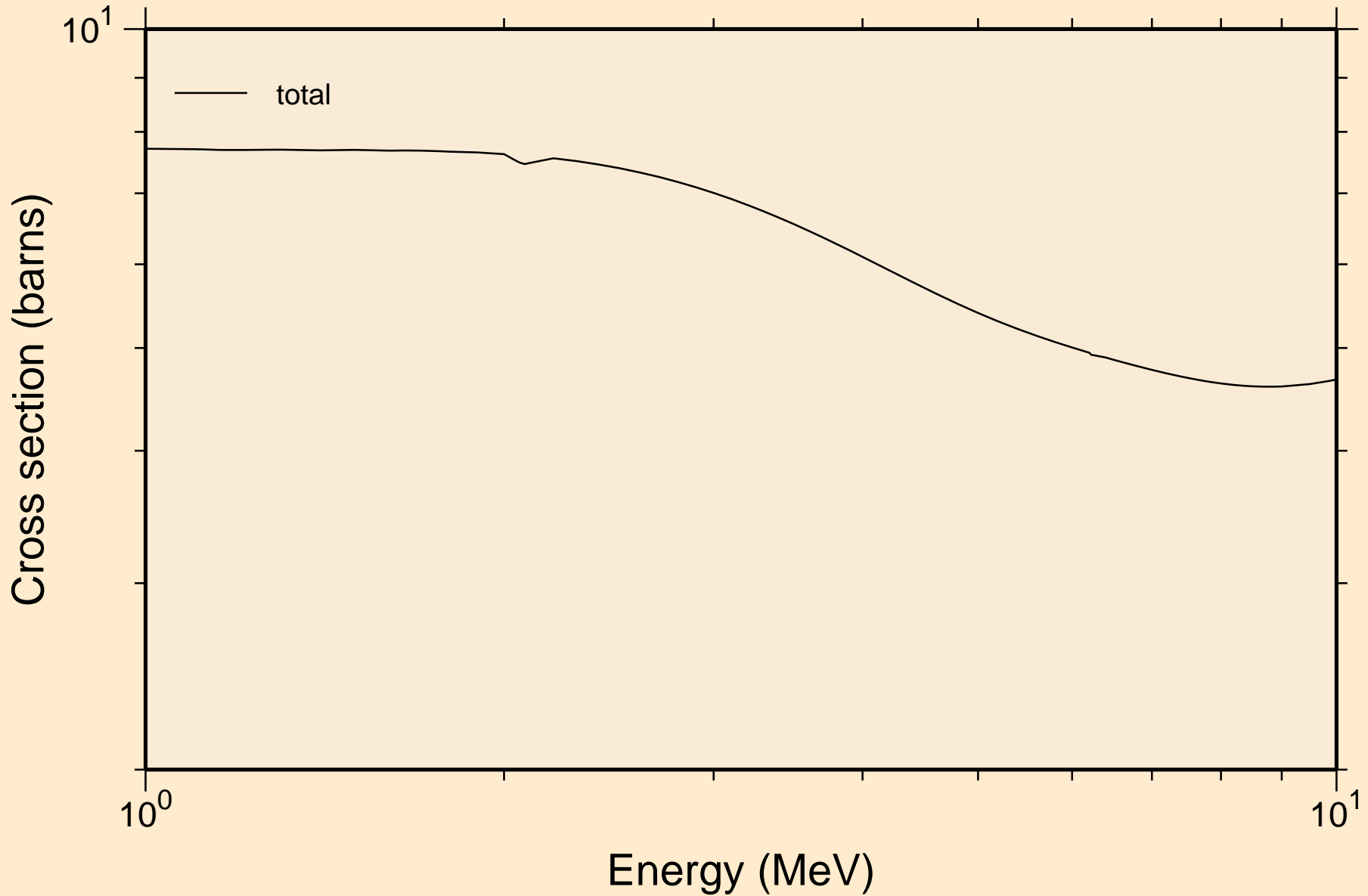
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



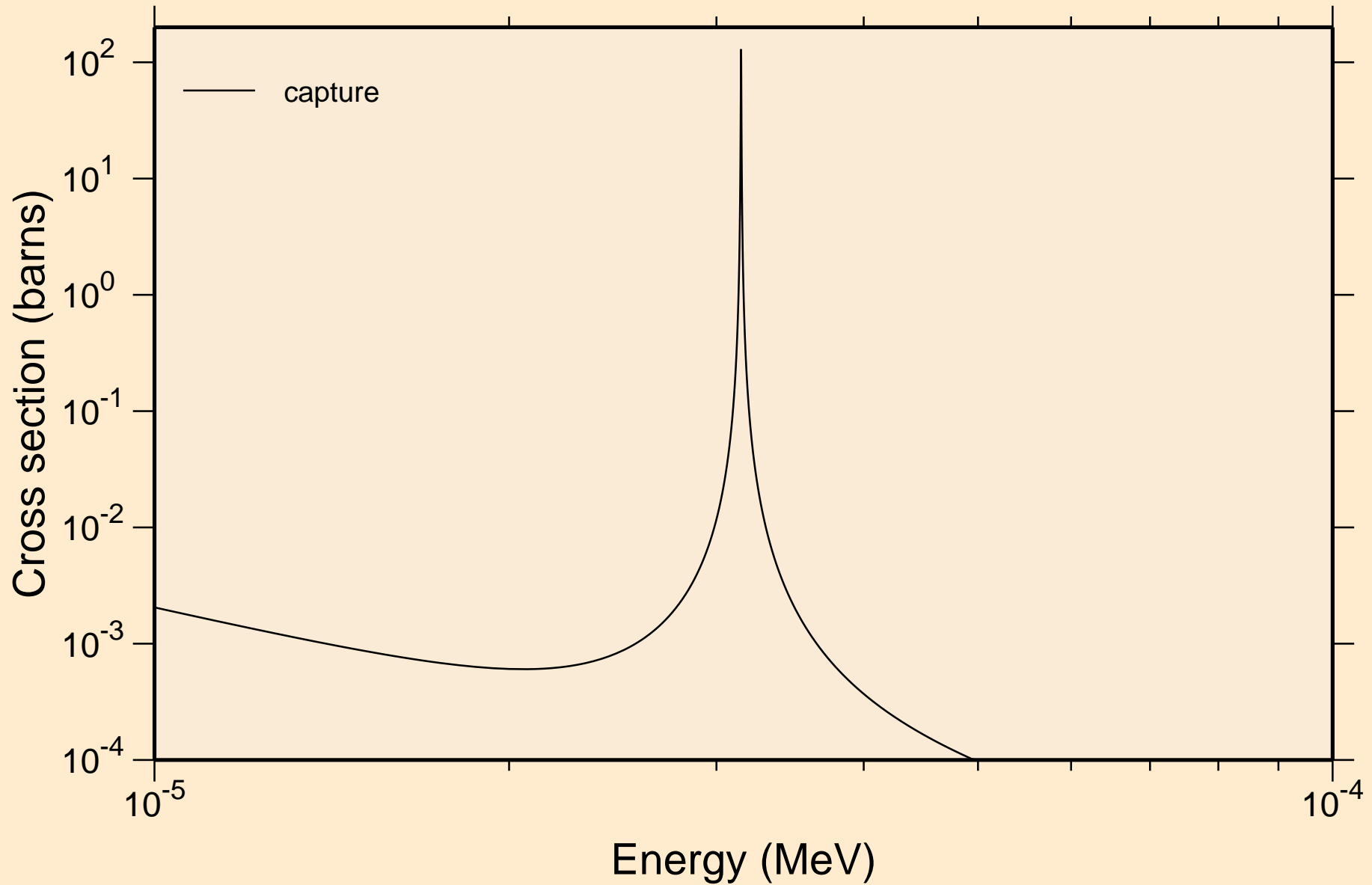
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



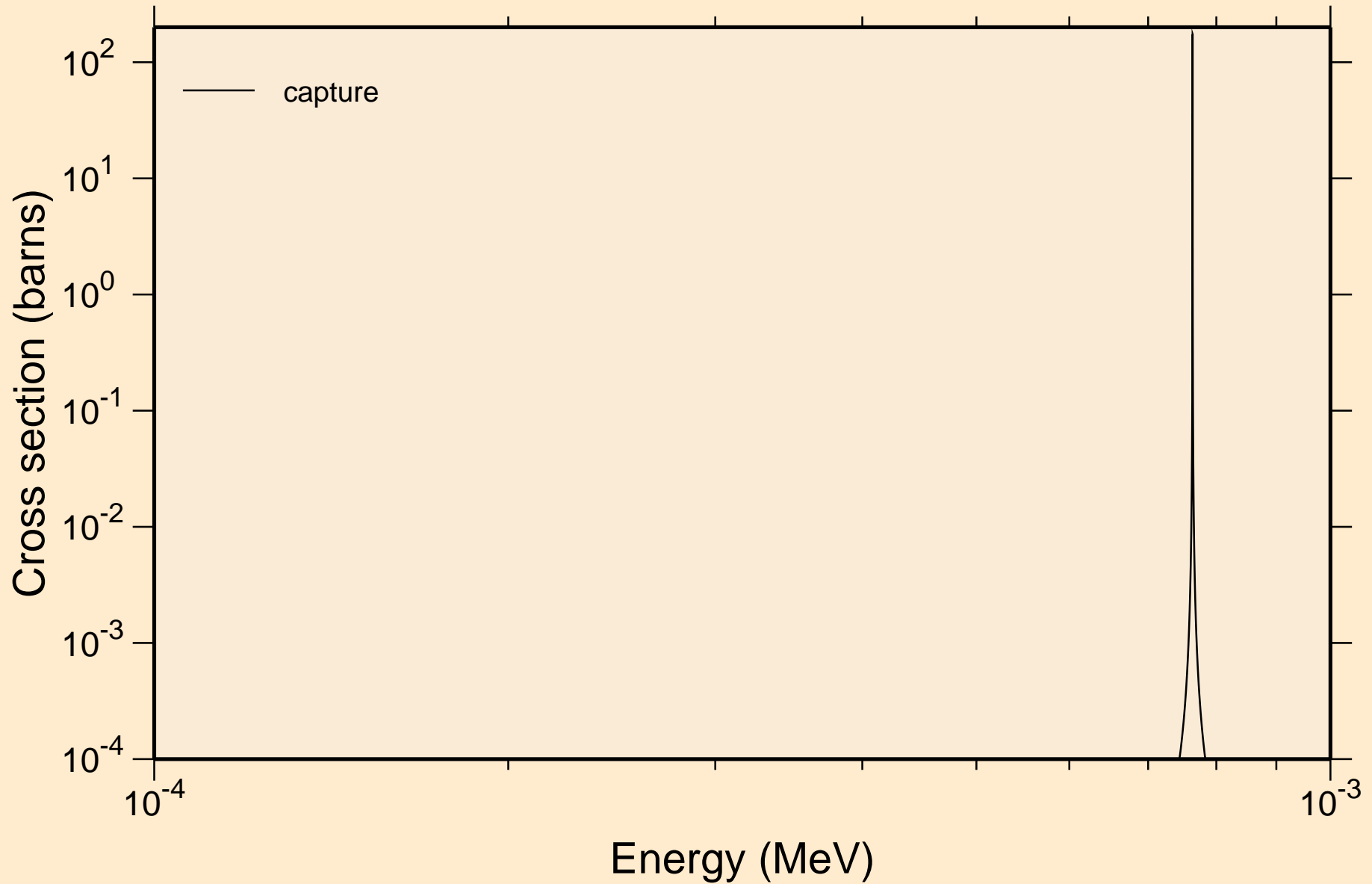
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

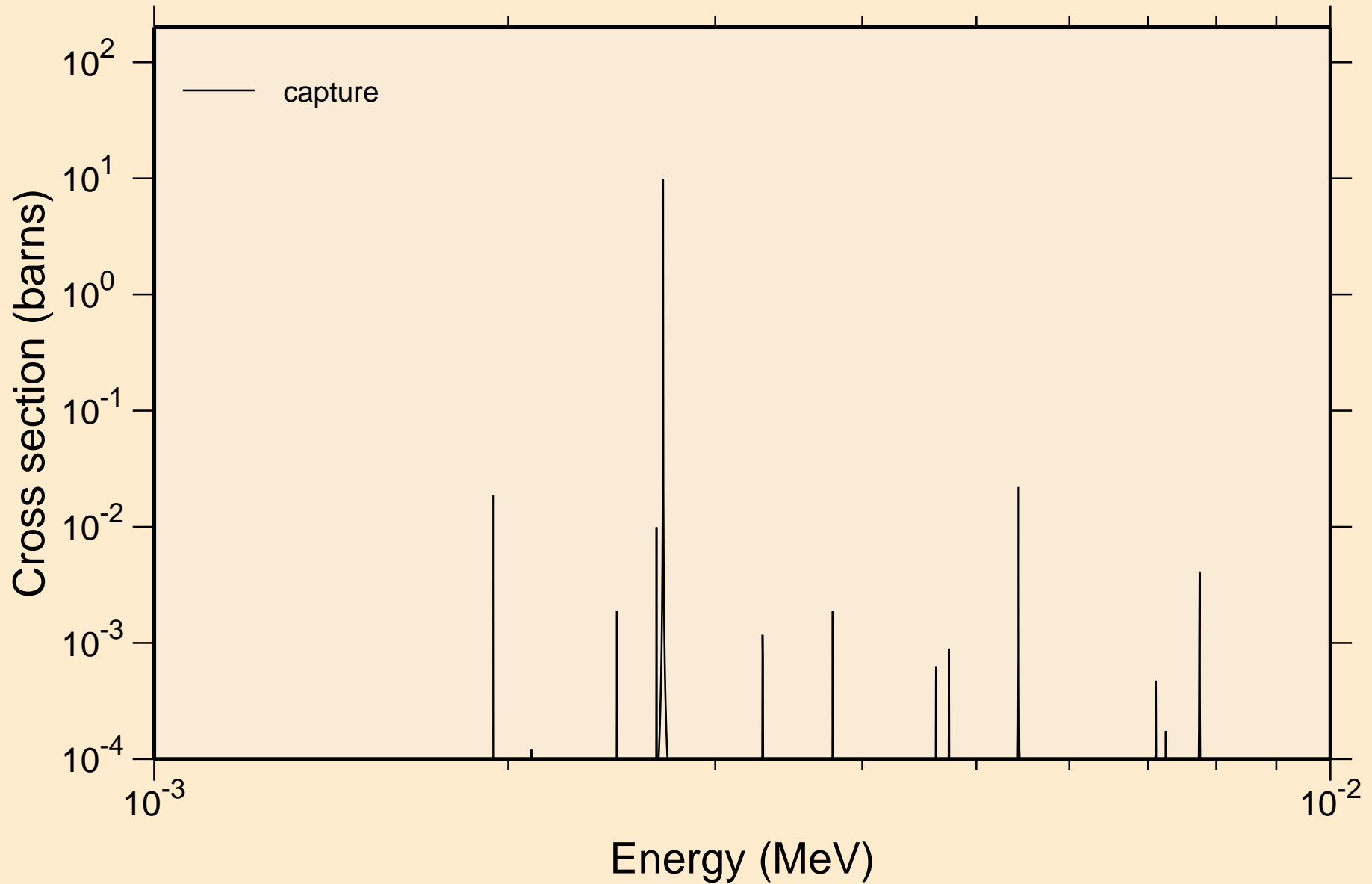


DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

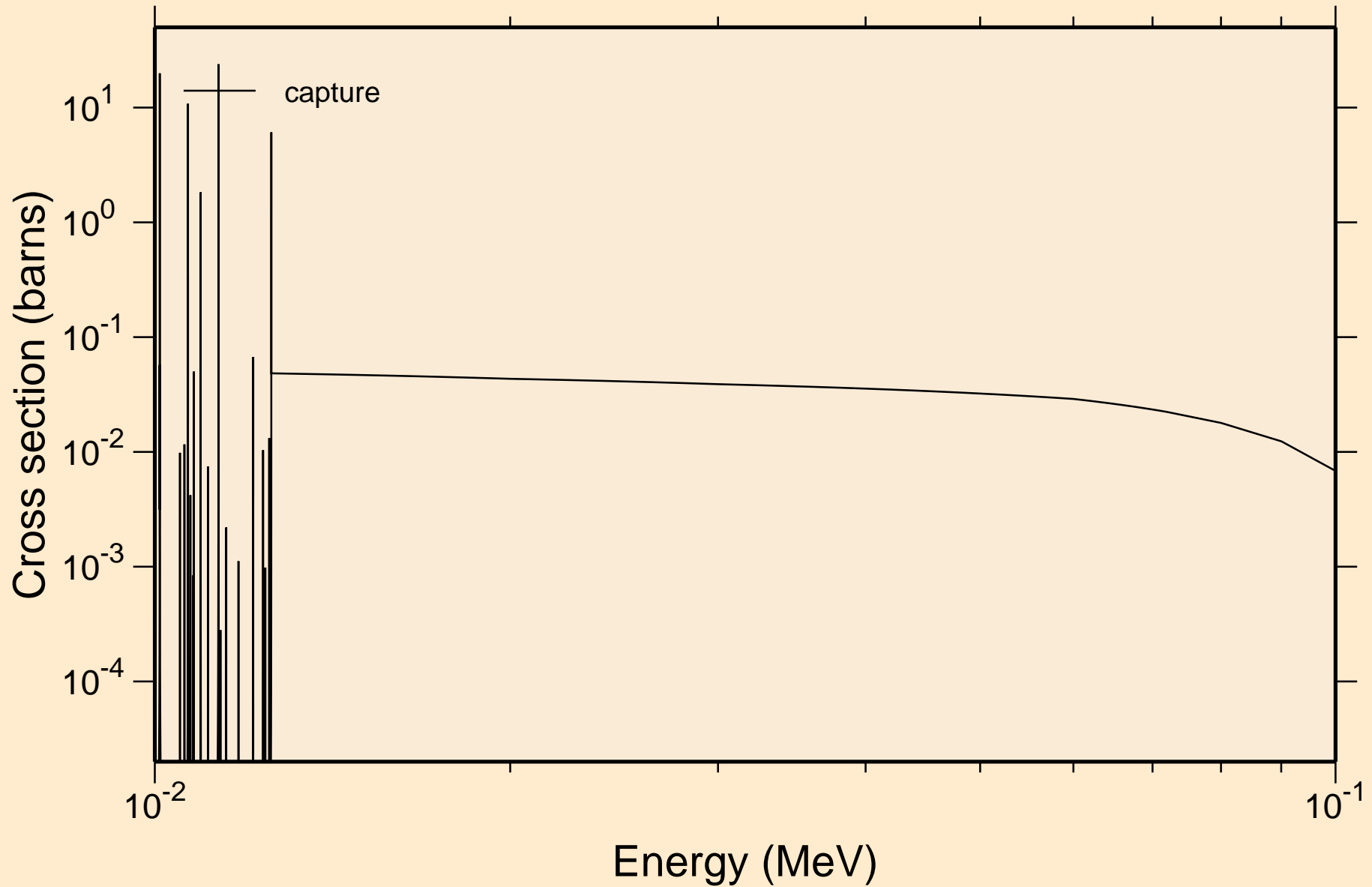




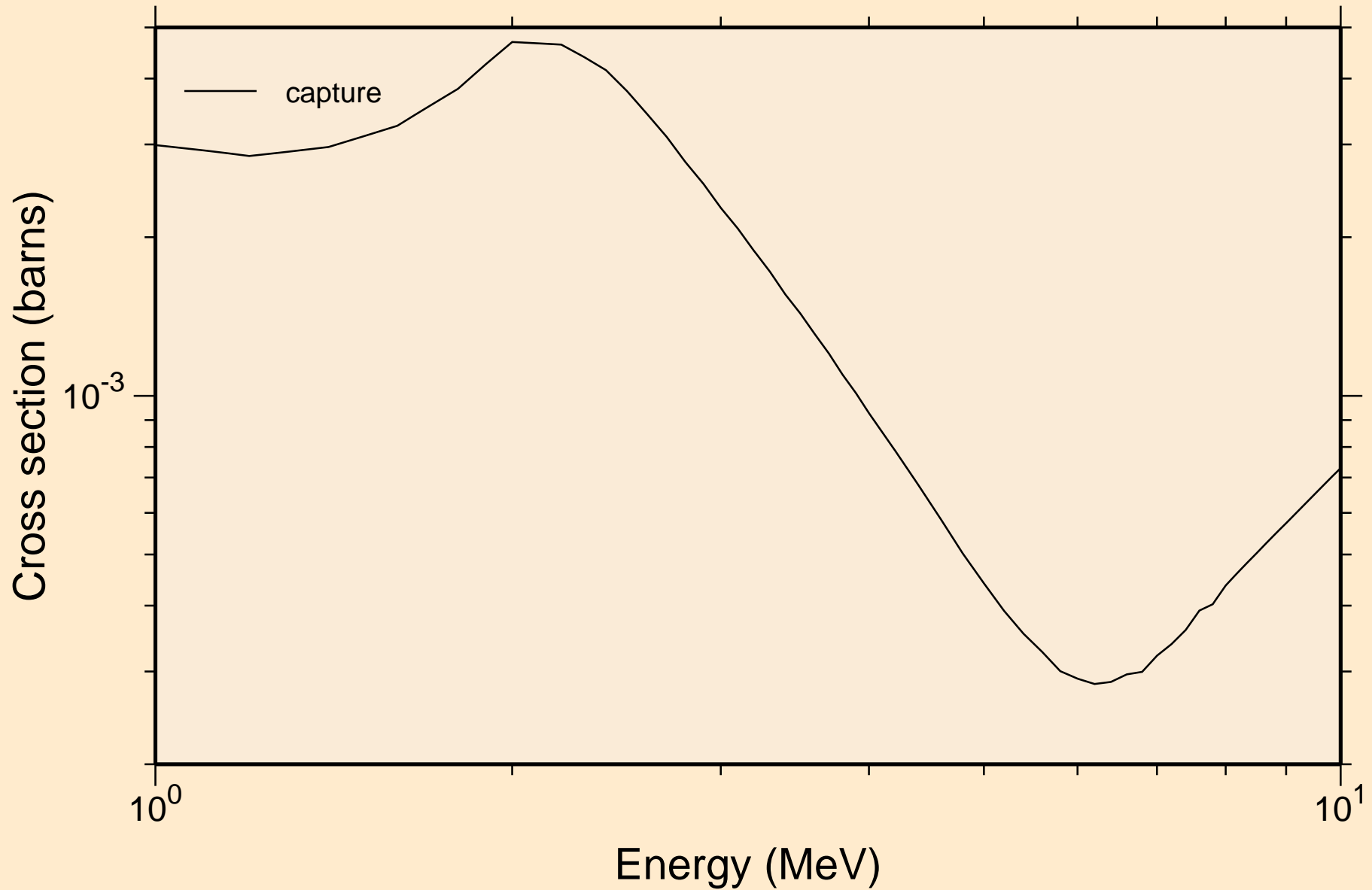
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

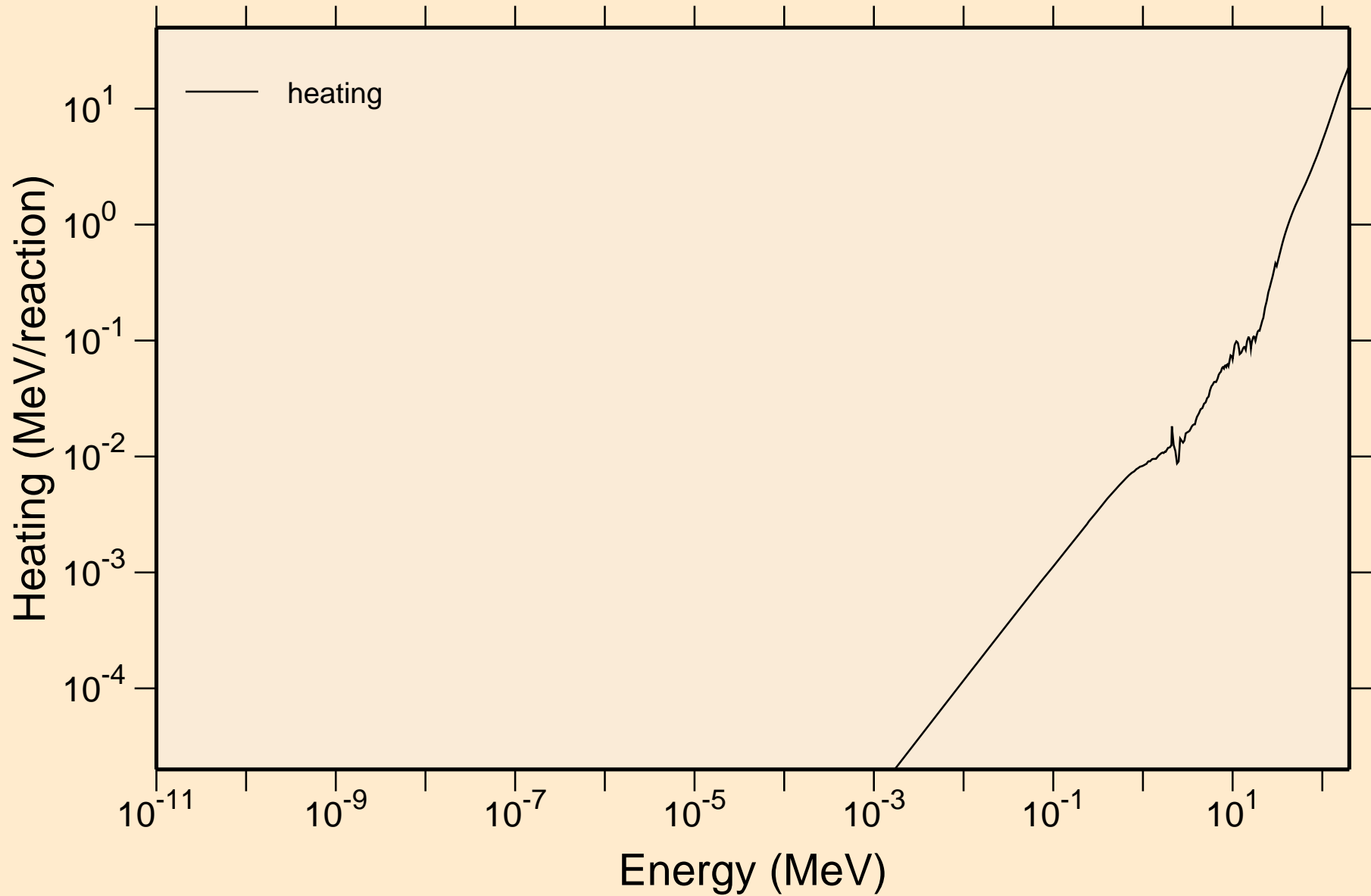


DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



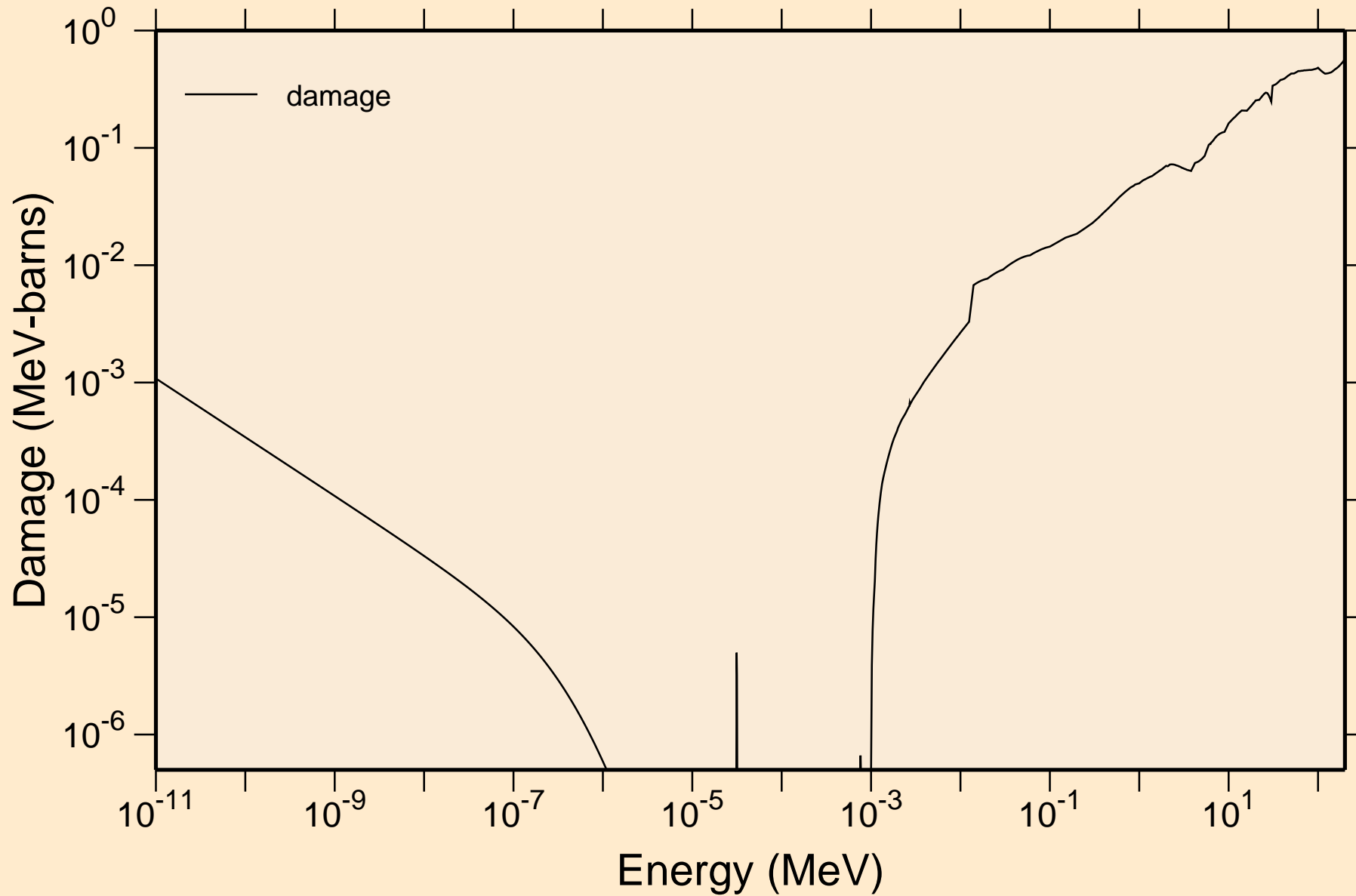
# DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

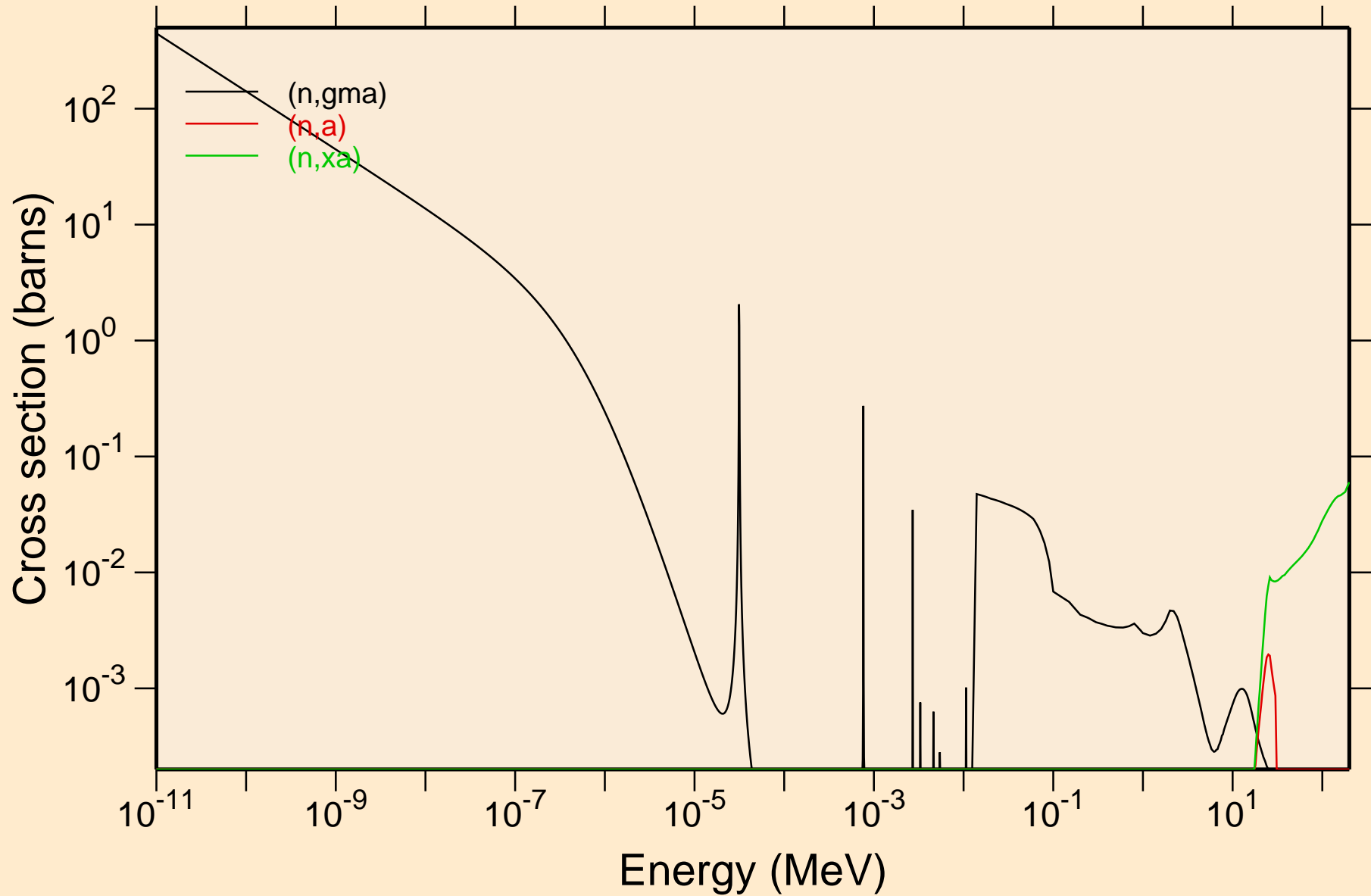


# DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

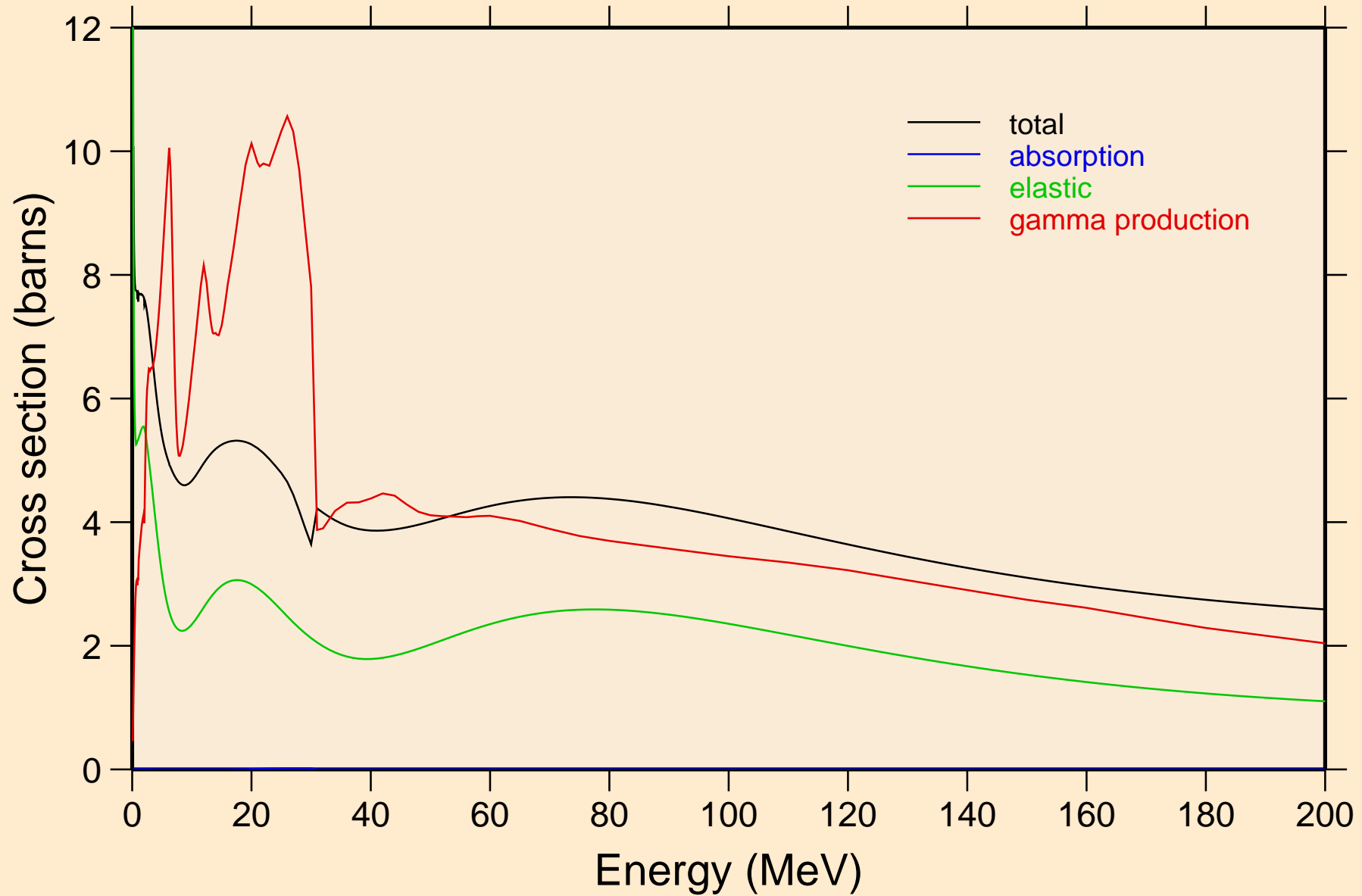


DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



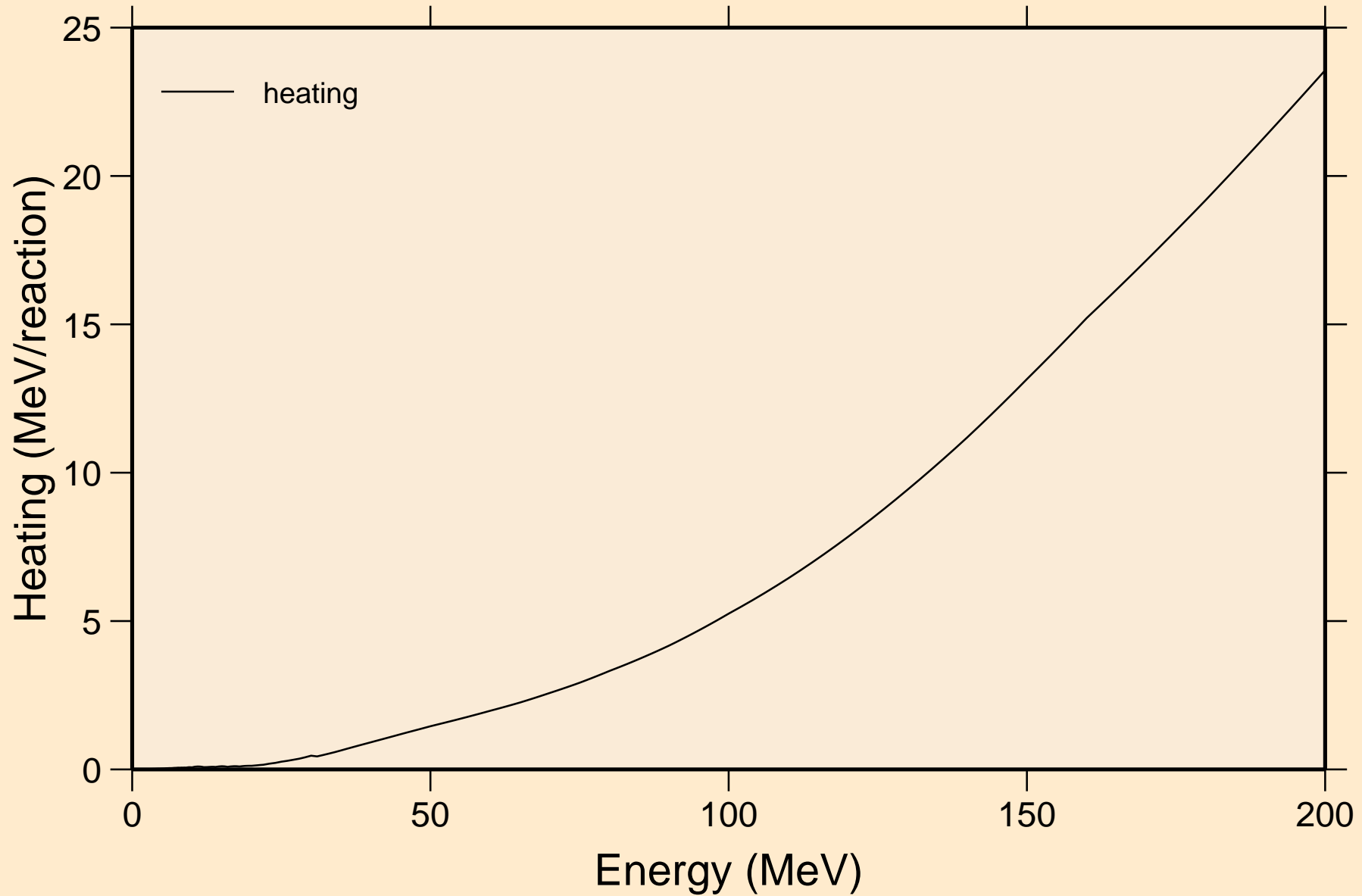
# DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



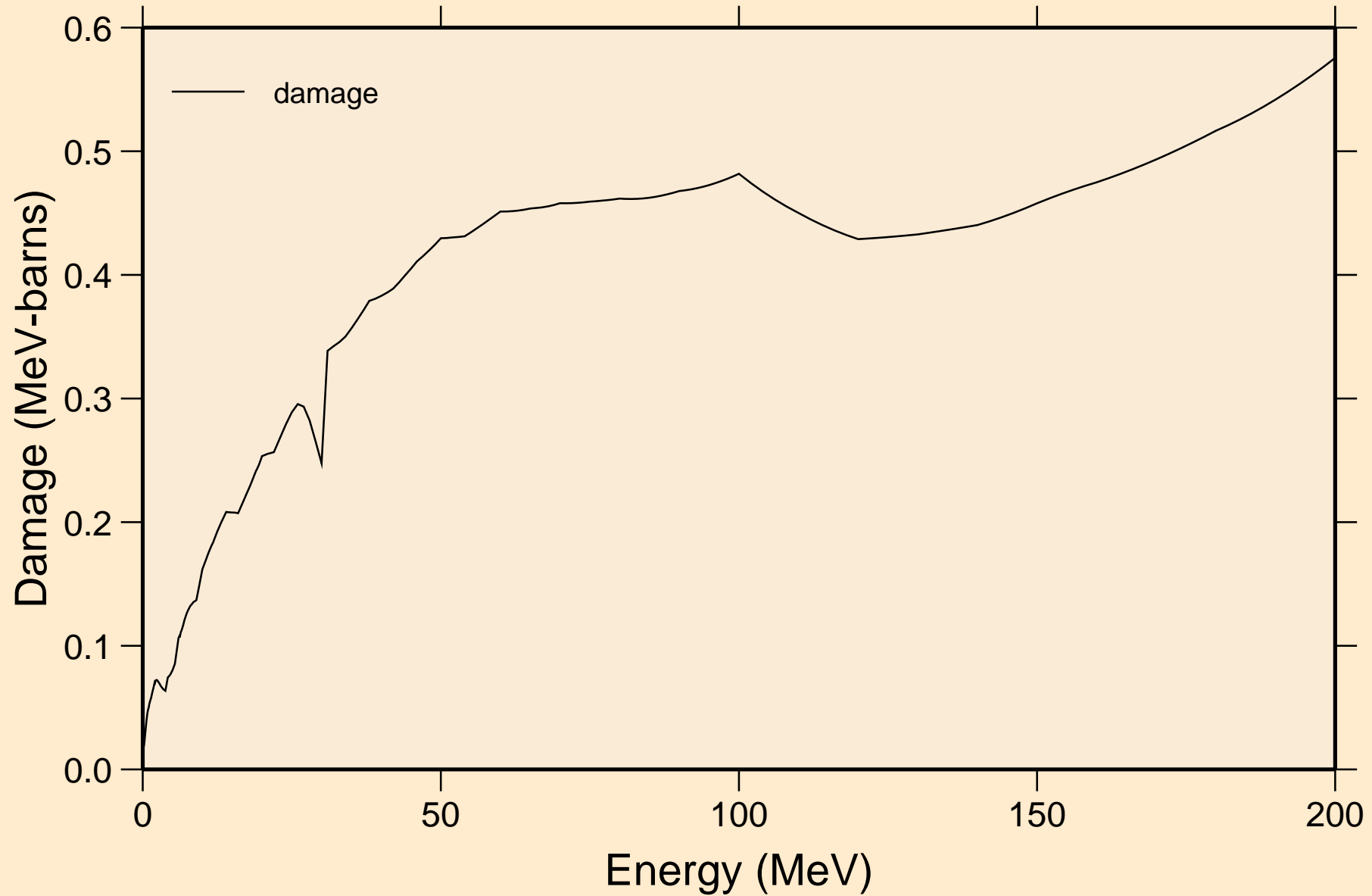
# DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



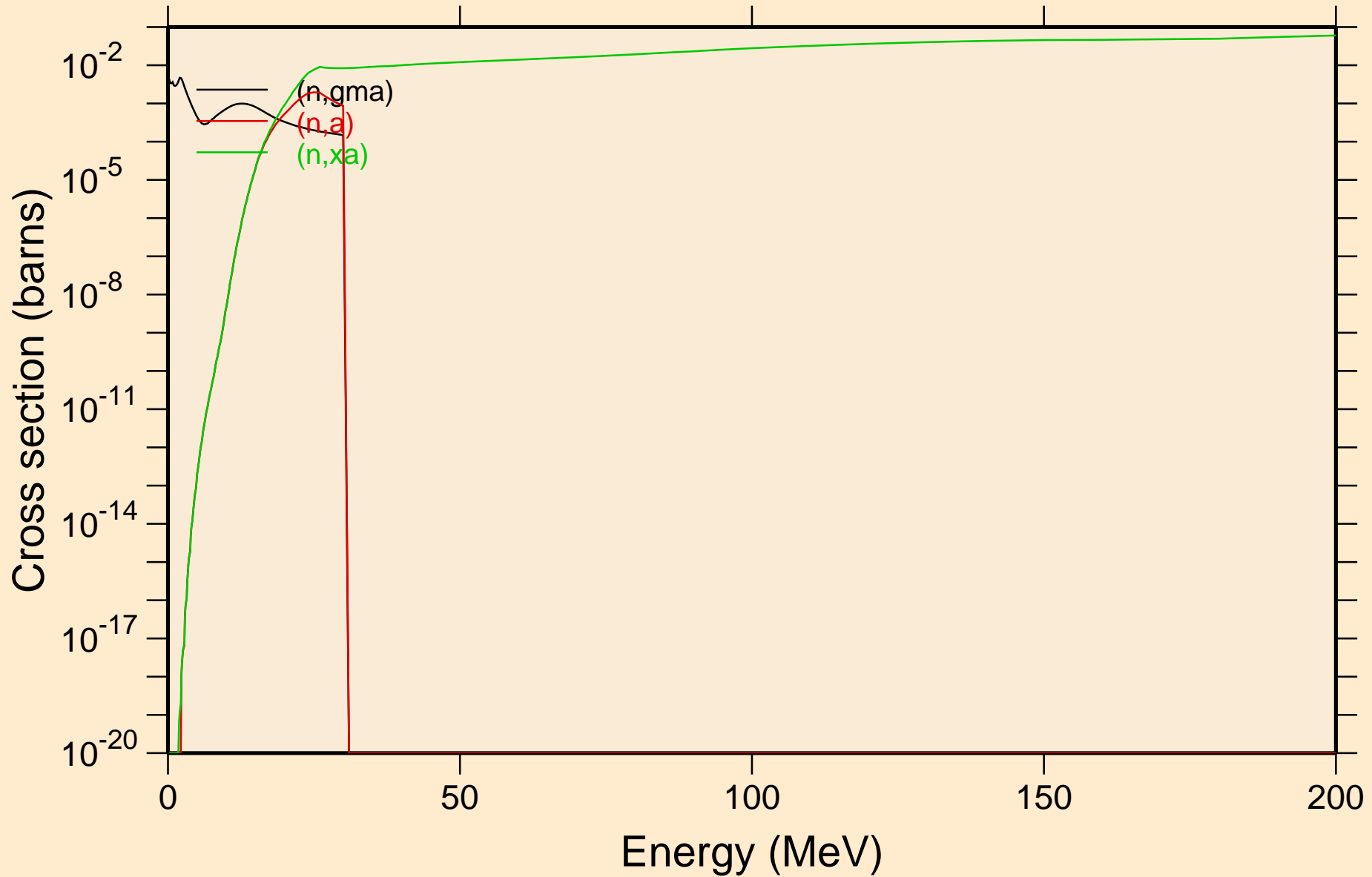


DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

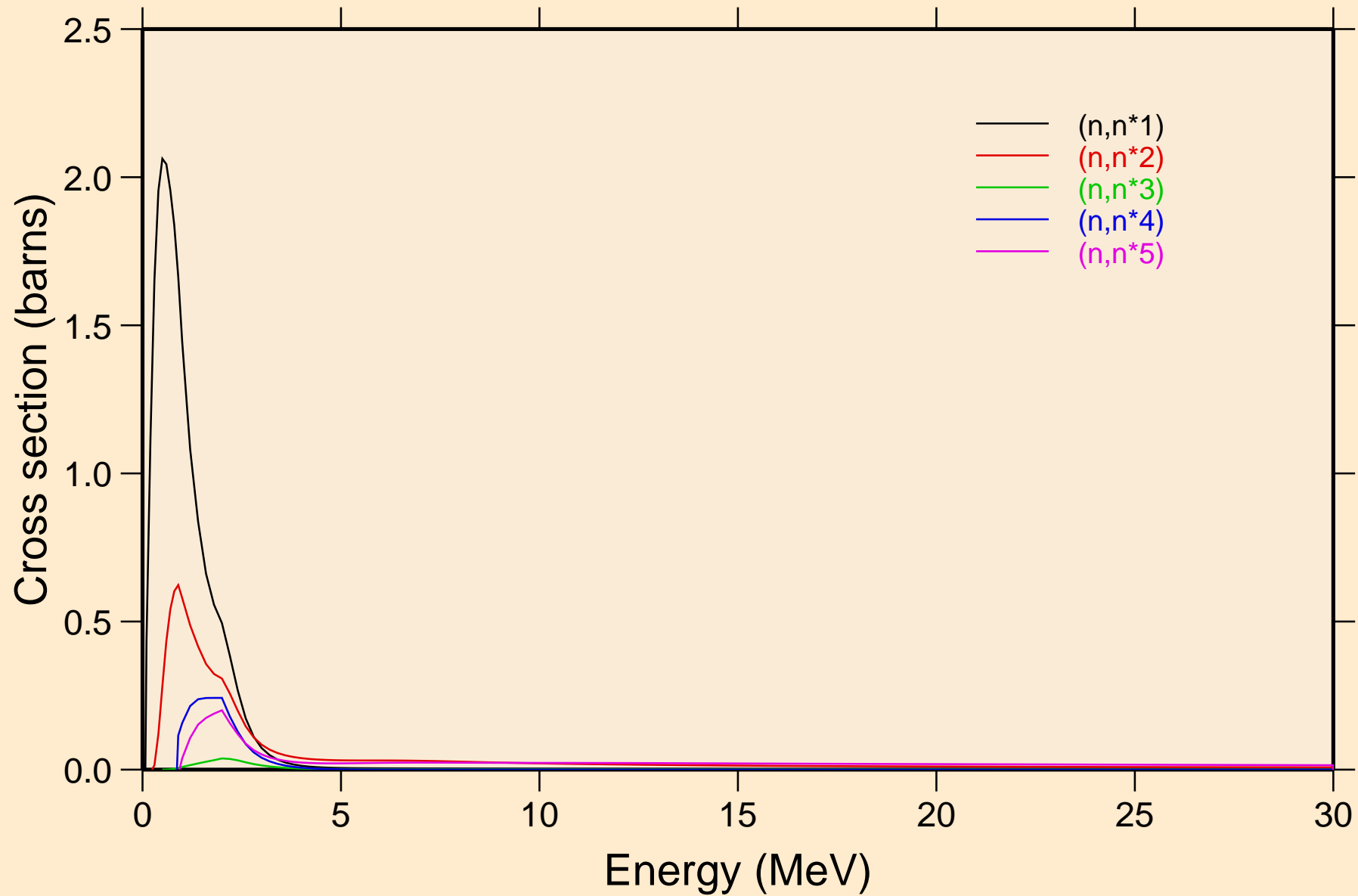


# DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

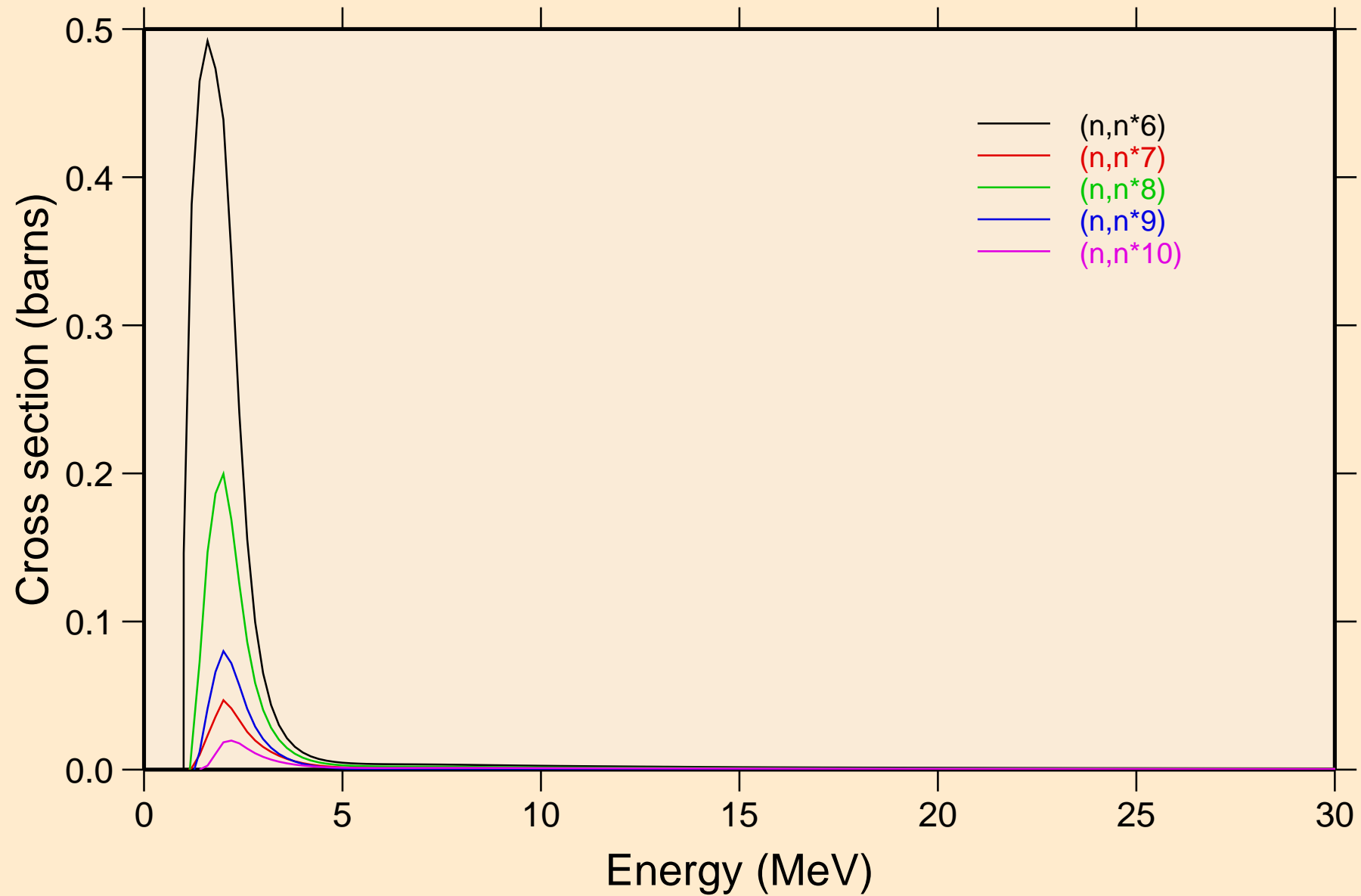
## Non-threshold reactions



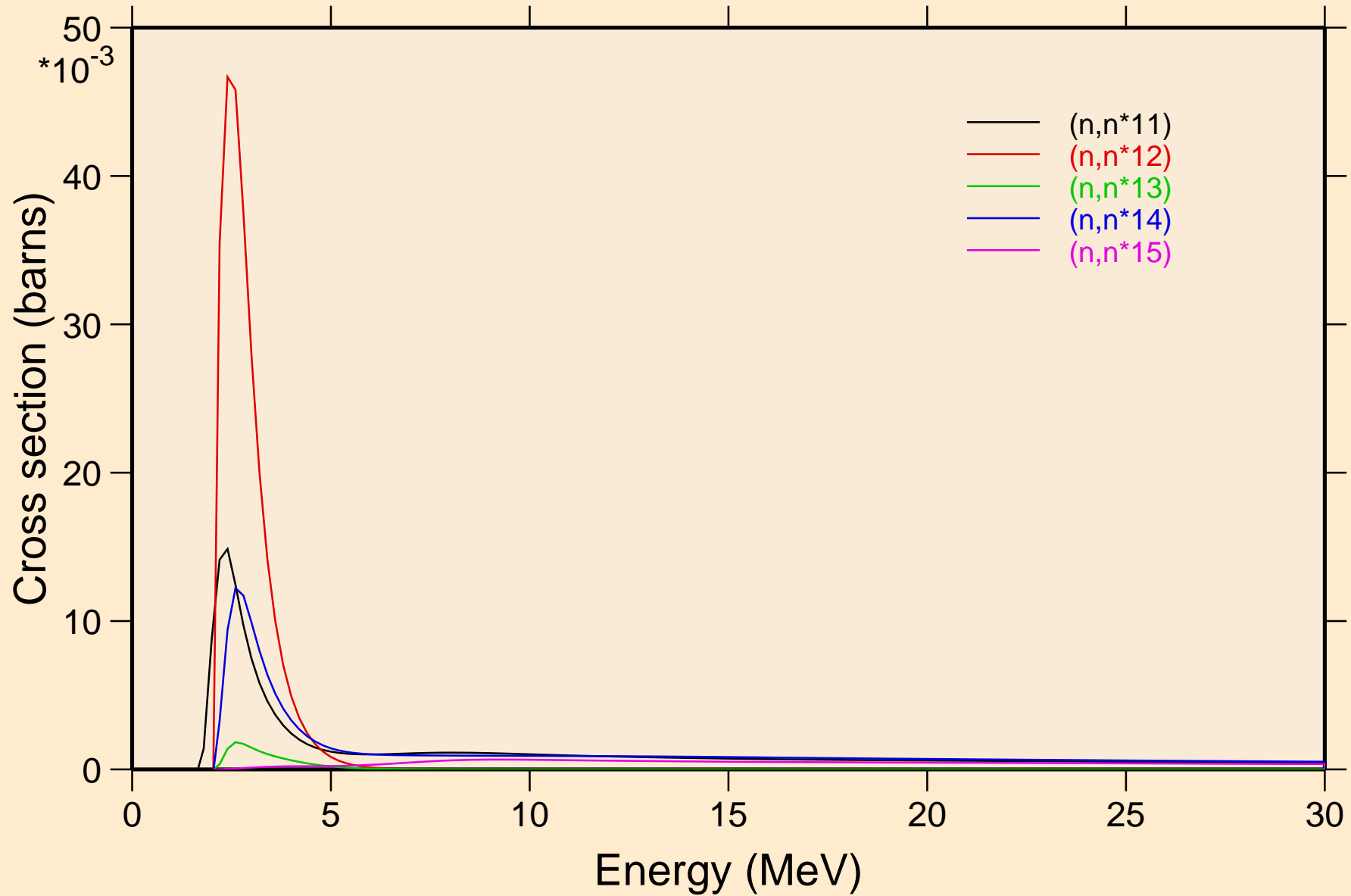
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



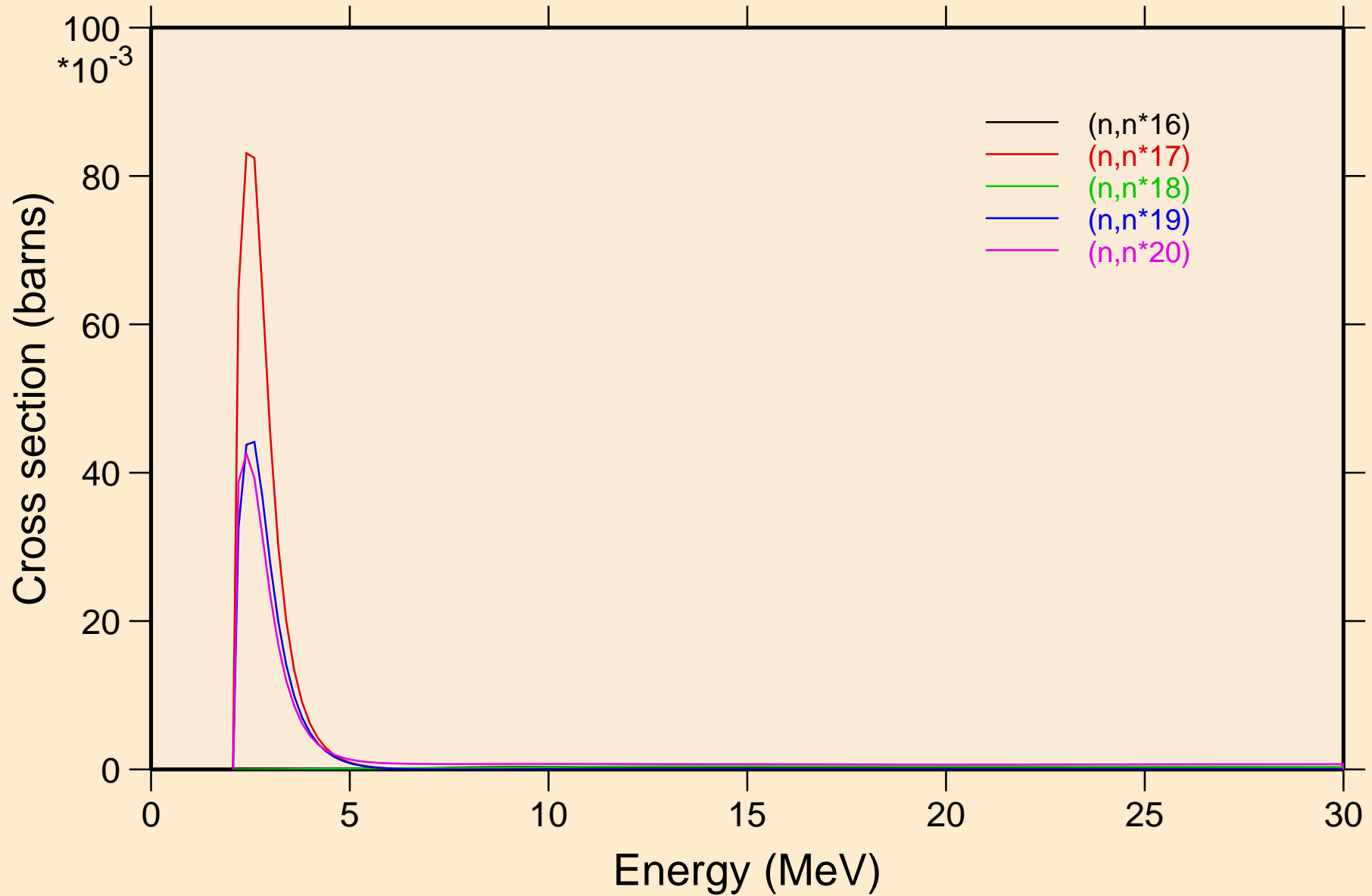
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



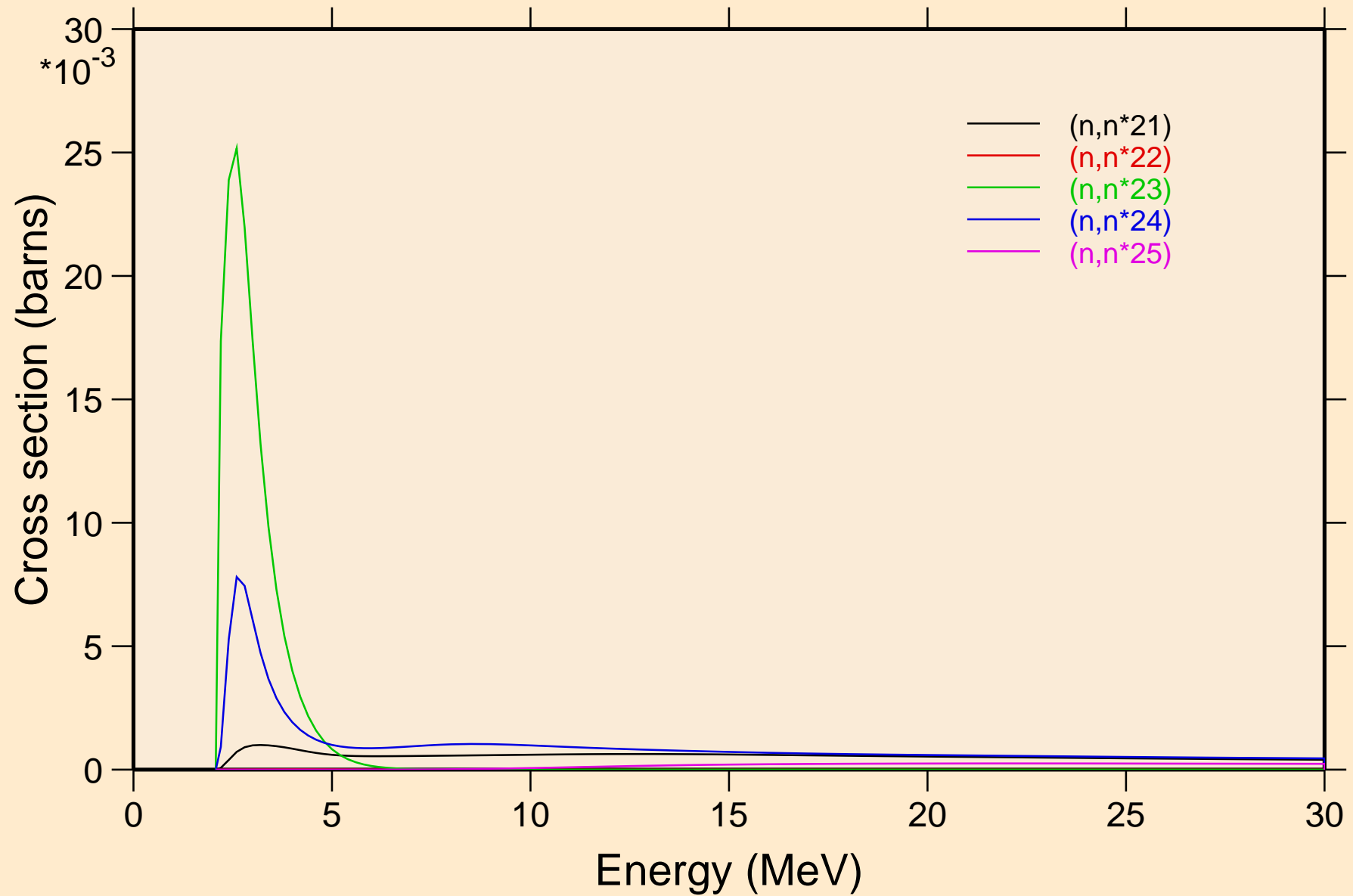
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



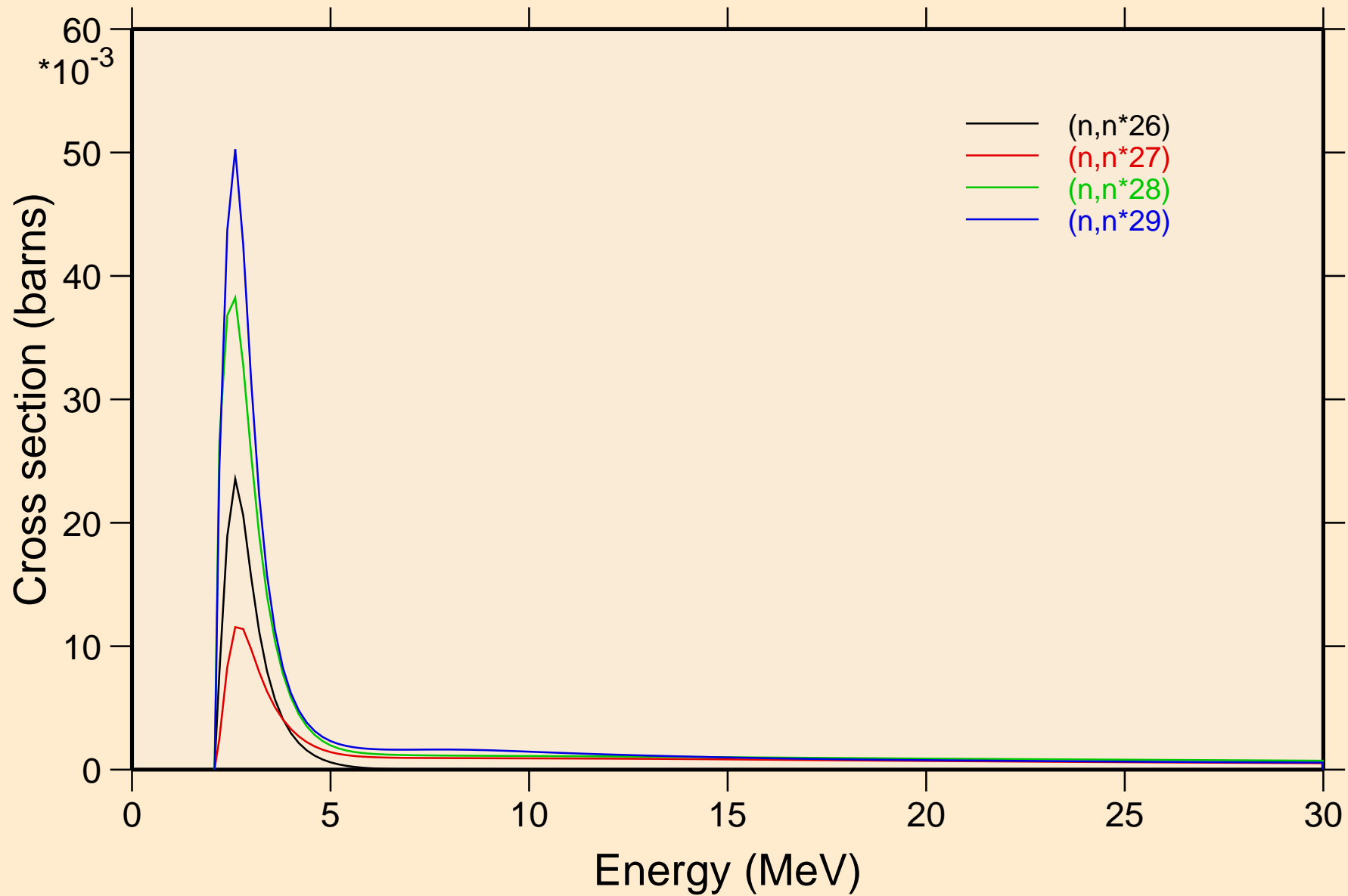
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

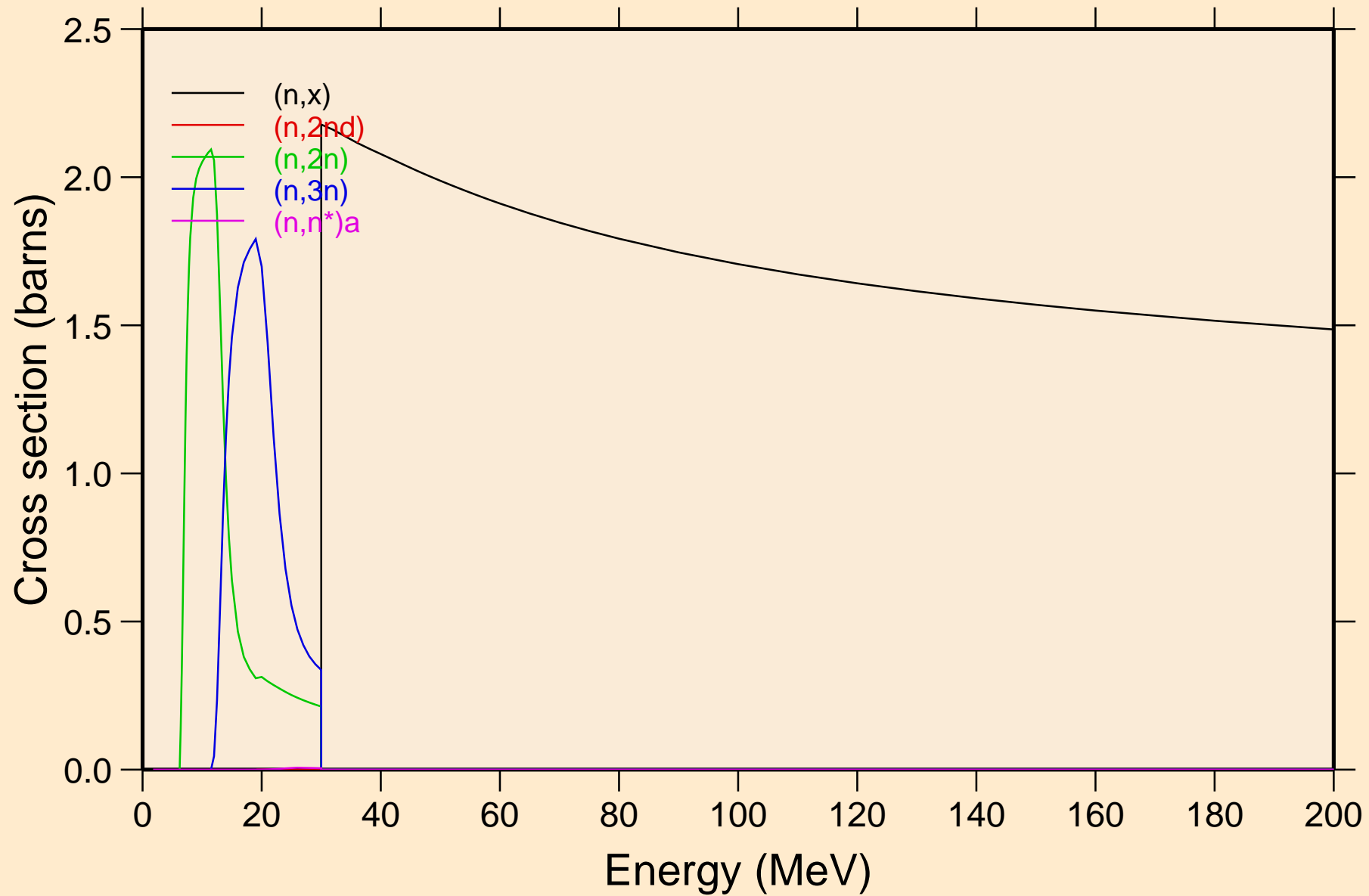


DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

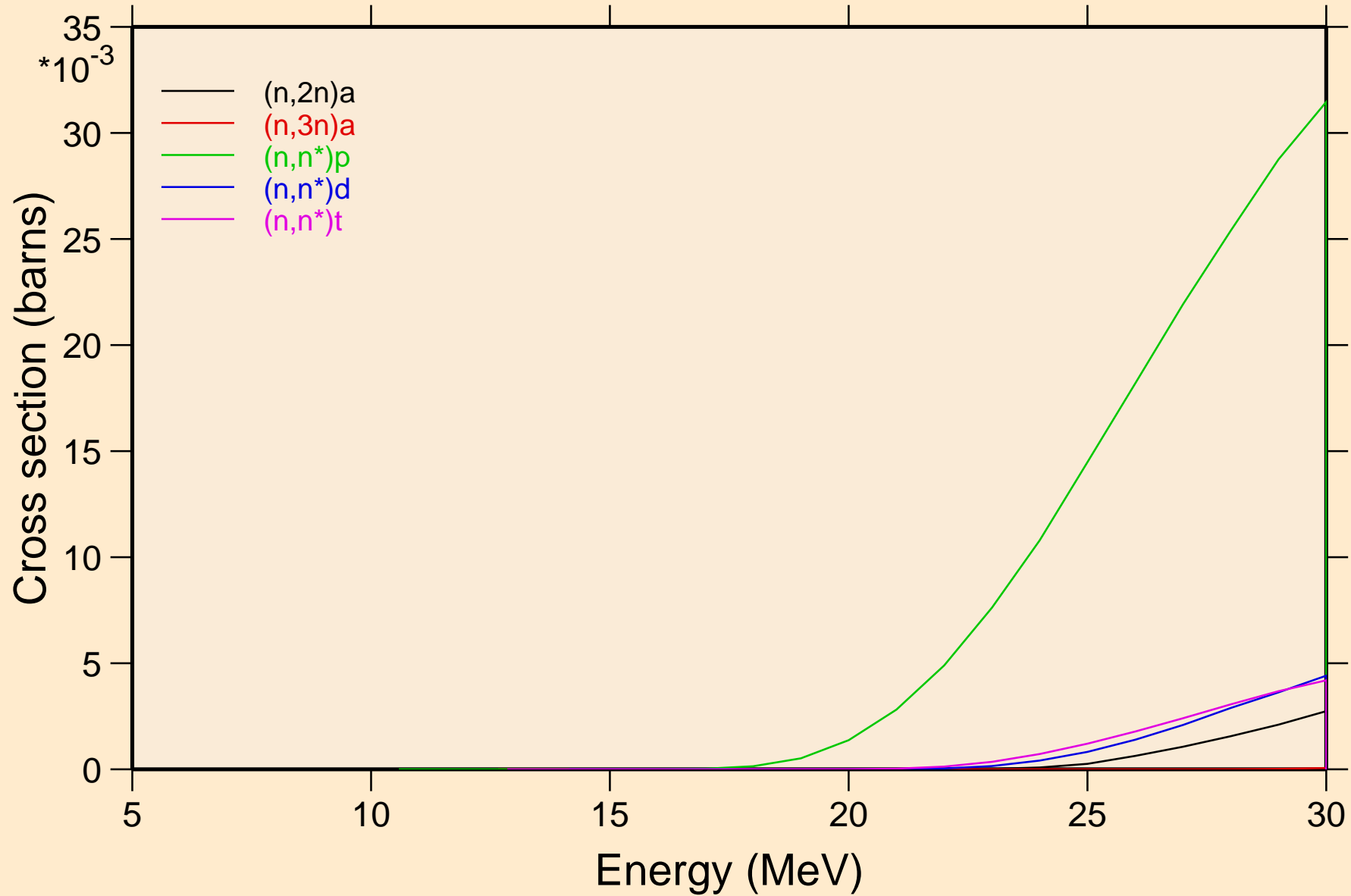




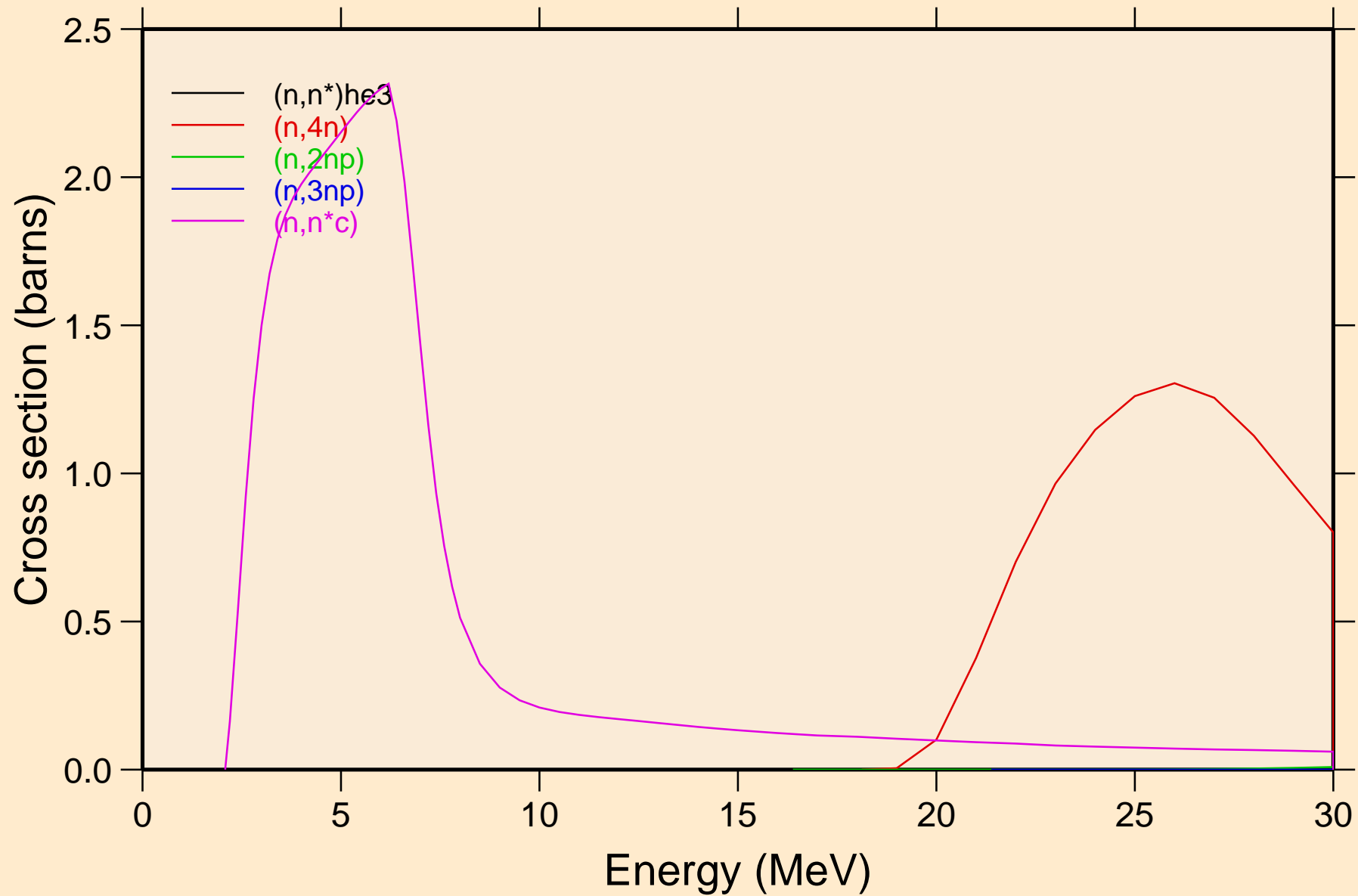
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



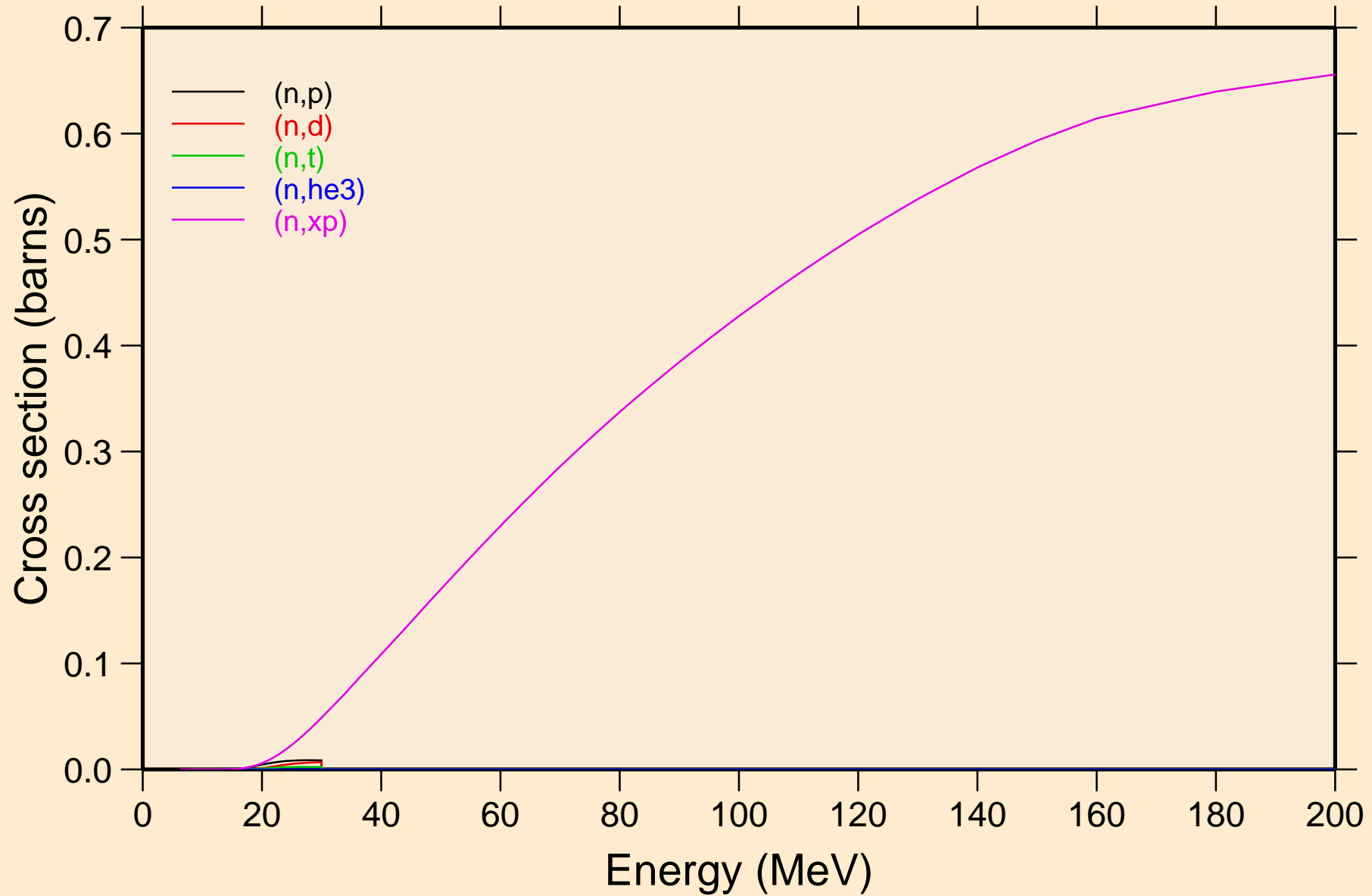
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



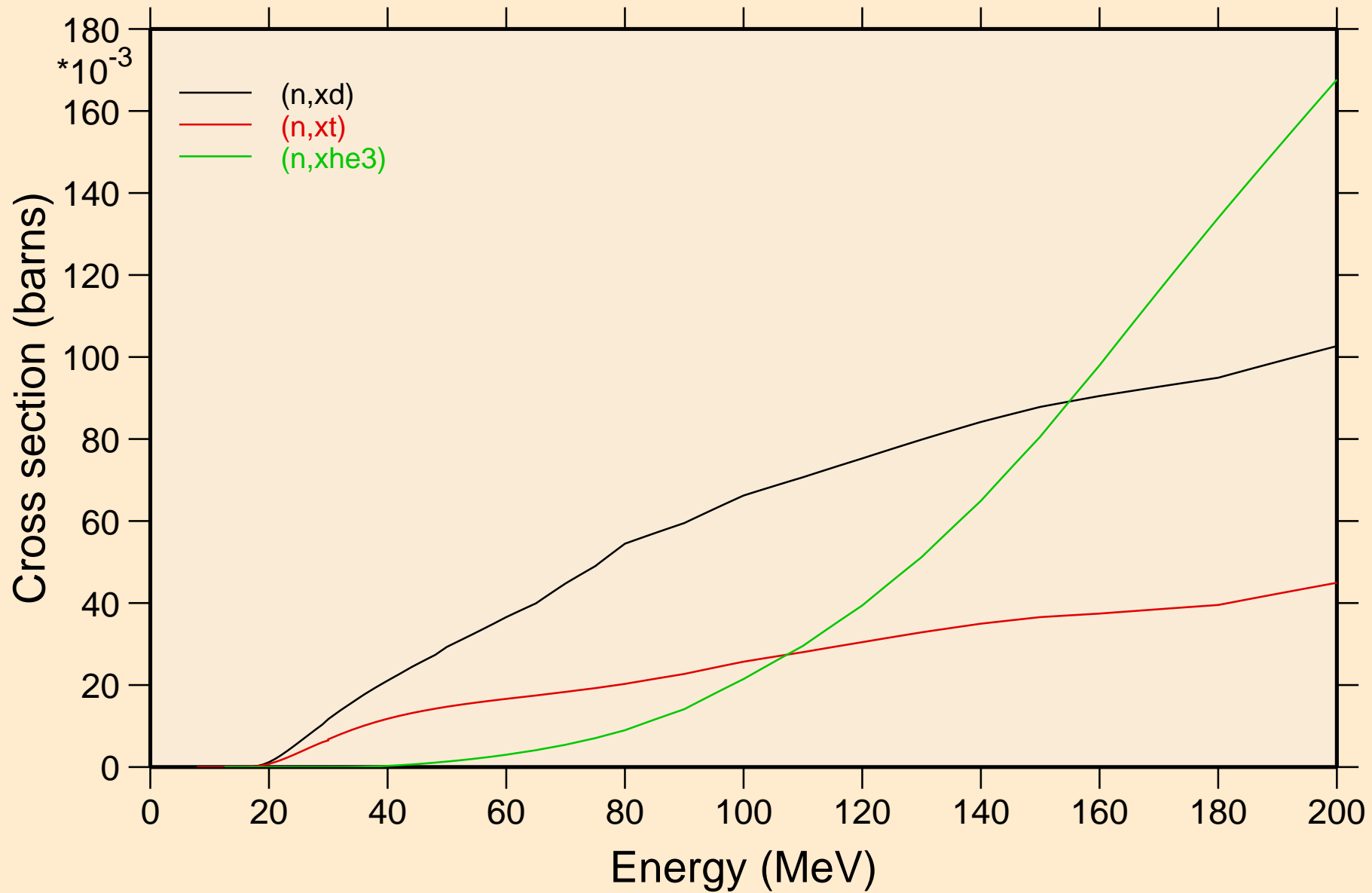
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



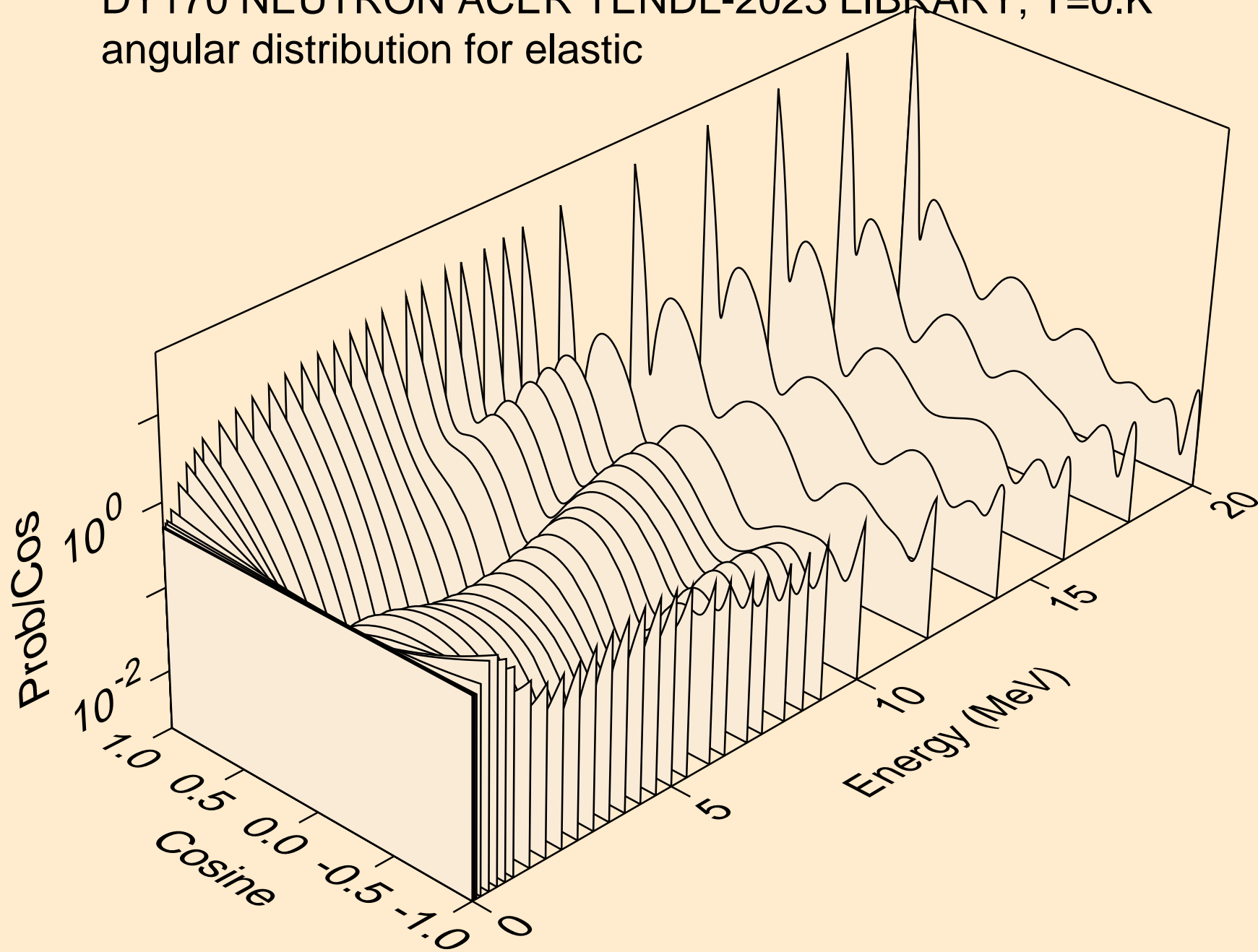
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



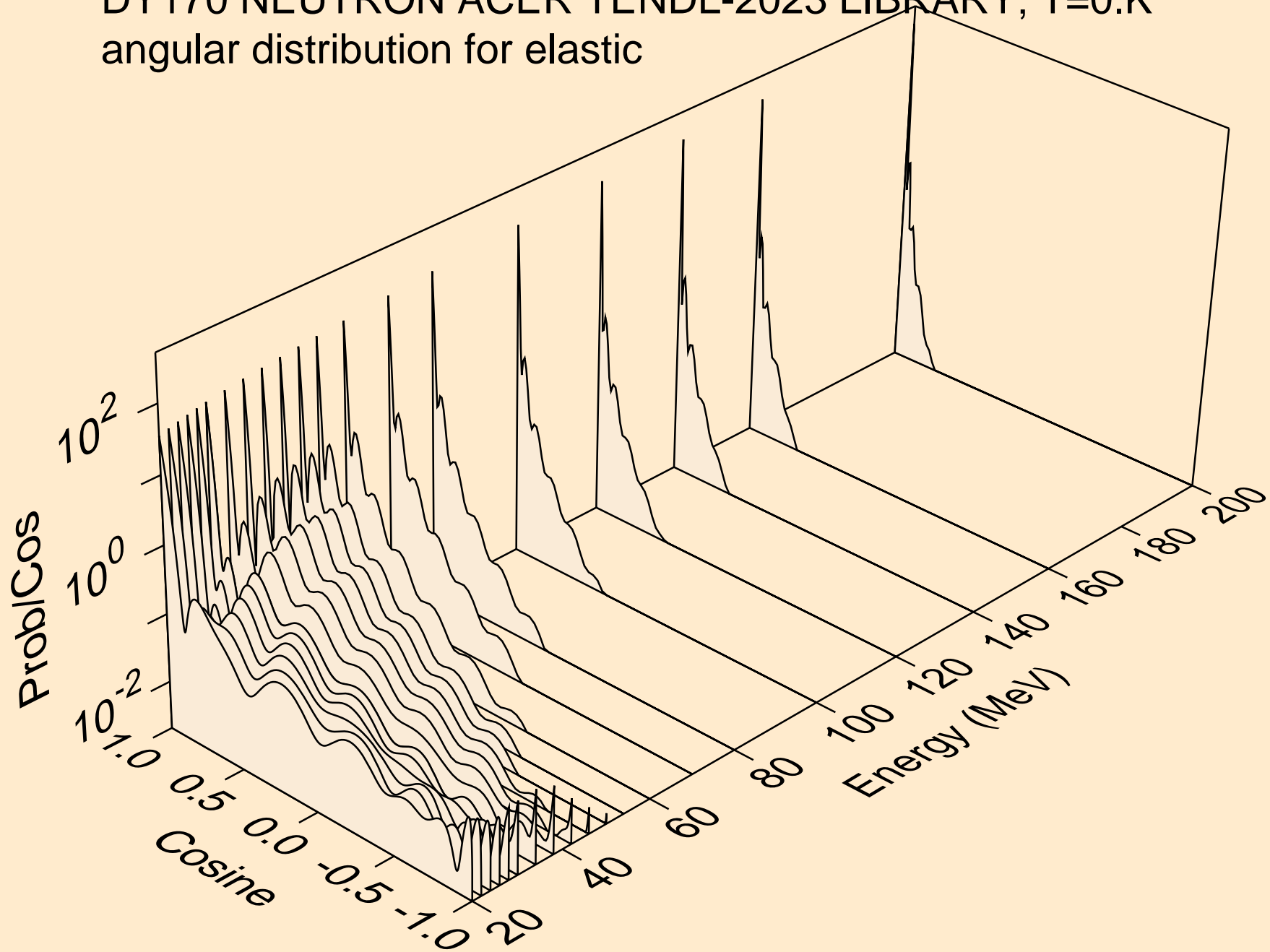
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



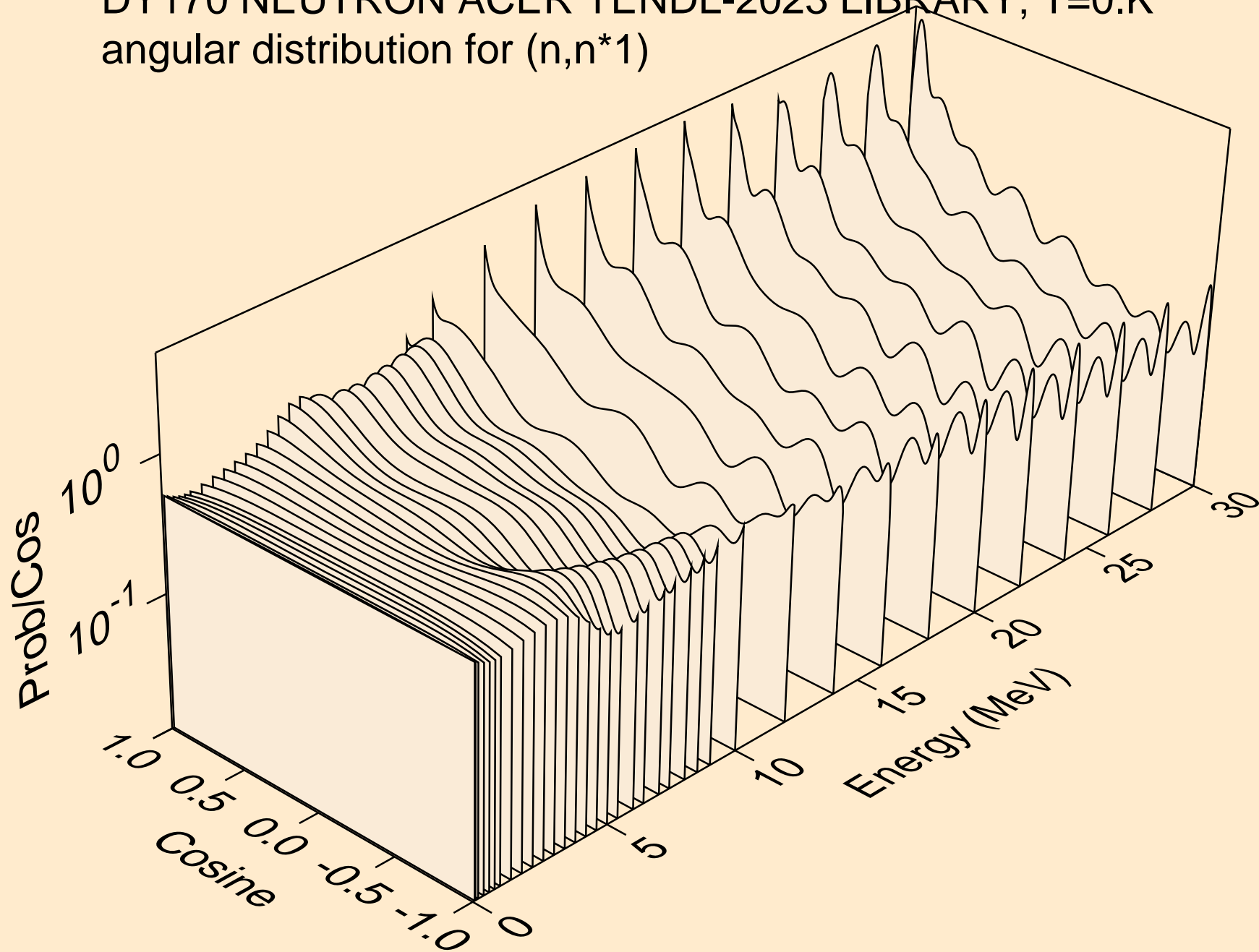
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

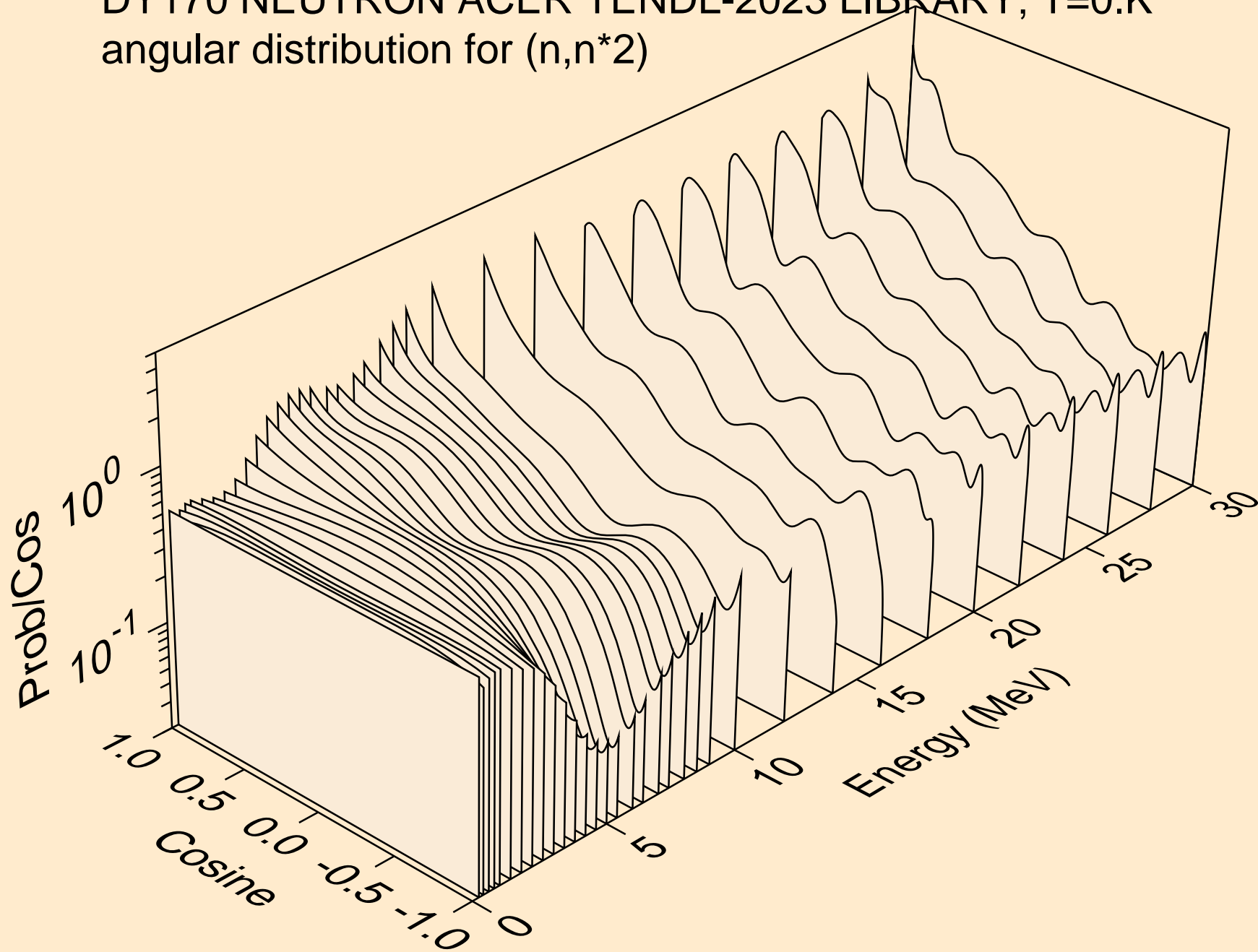


DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

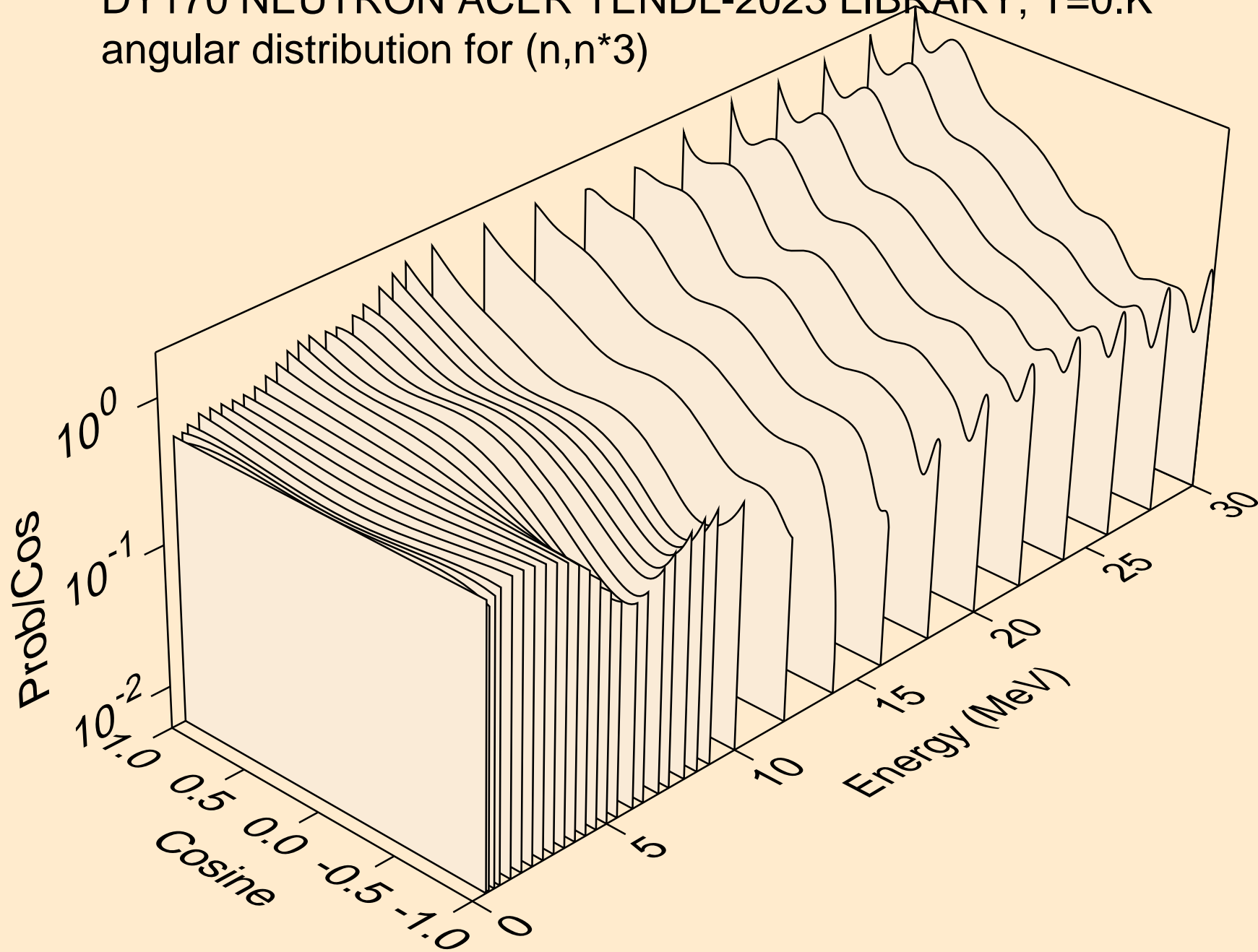




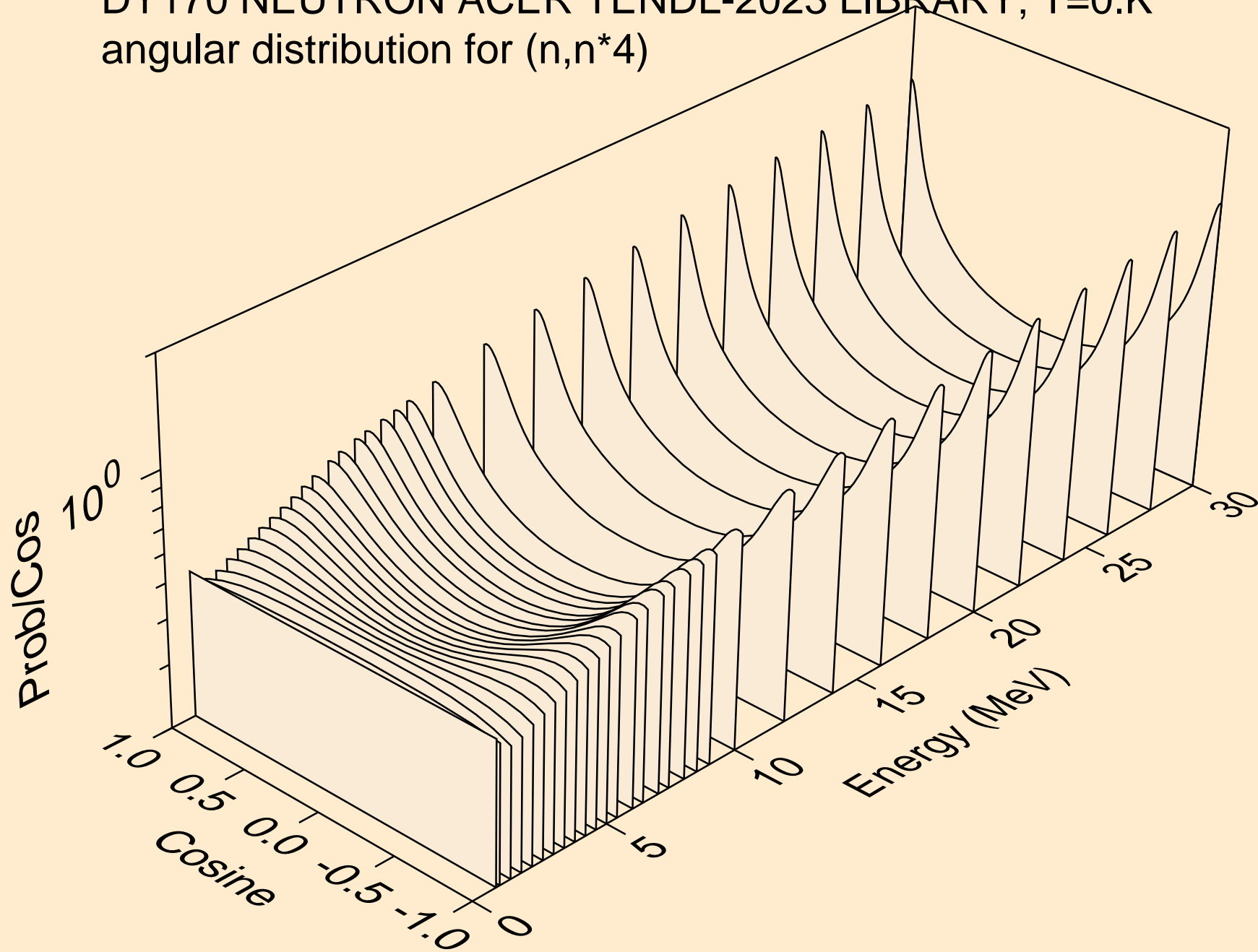
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



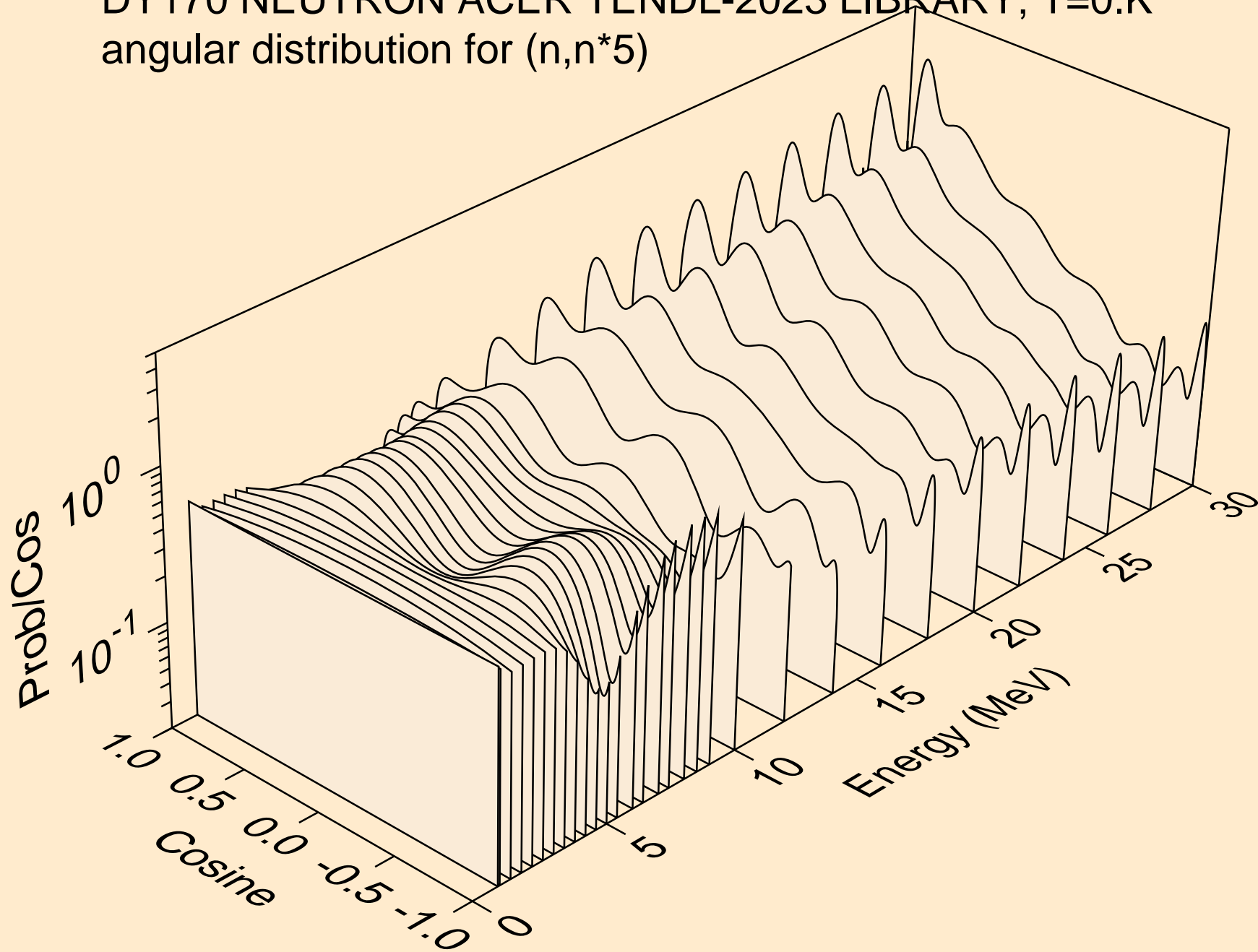
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



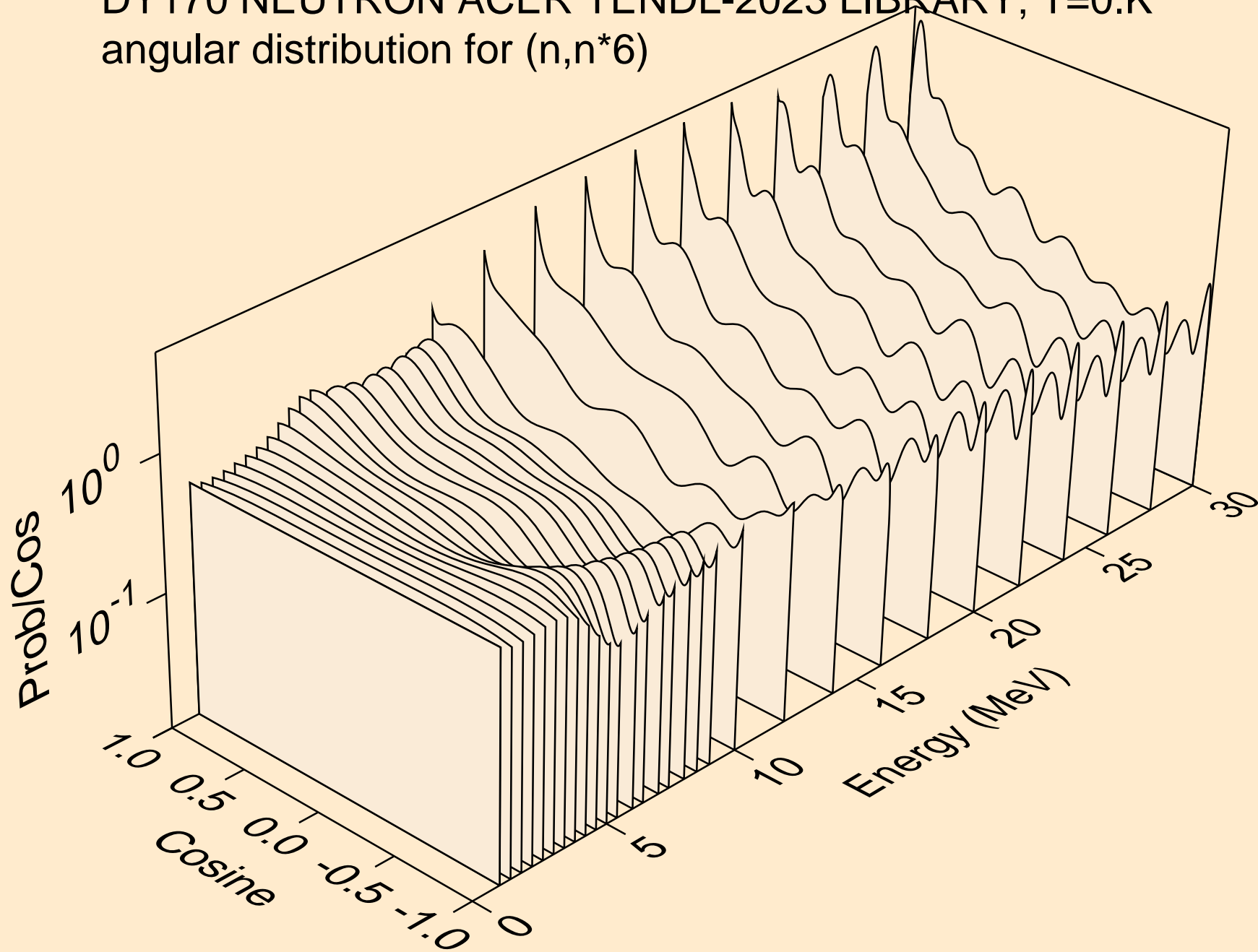
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



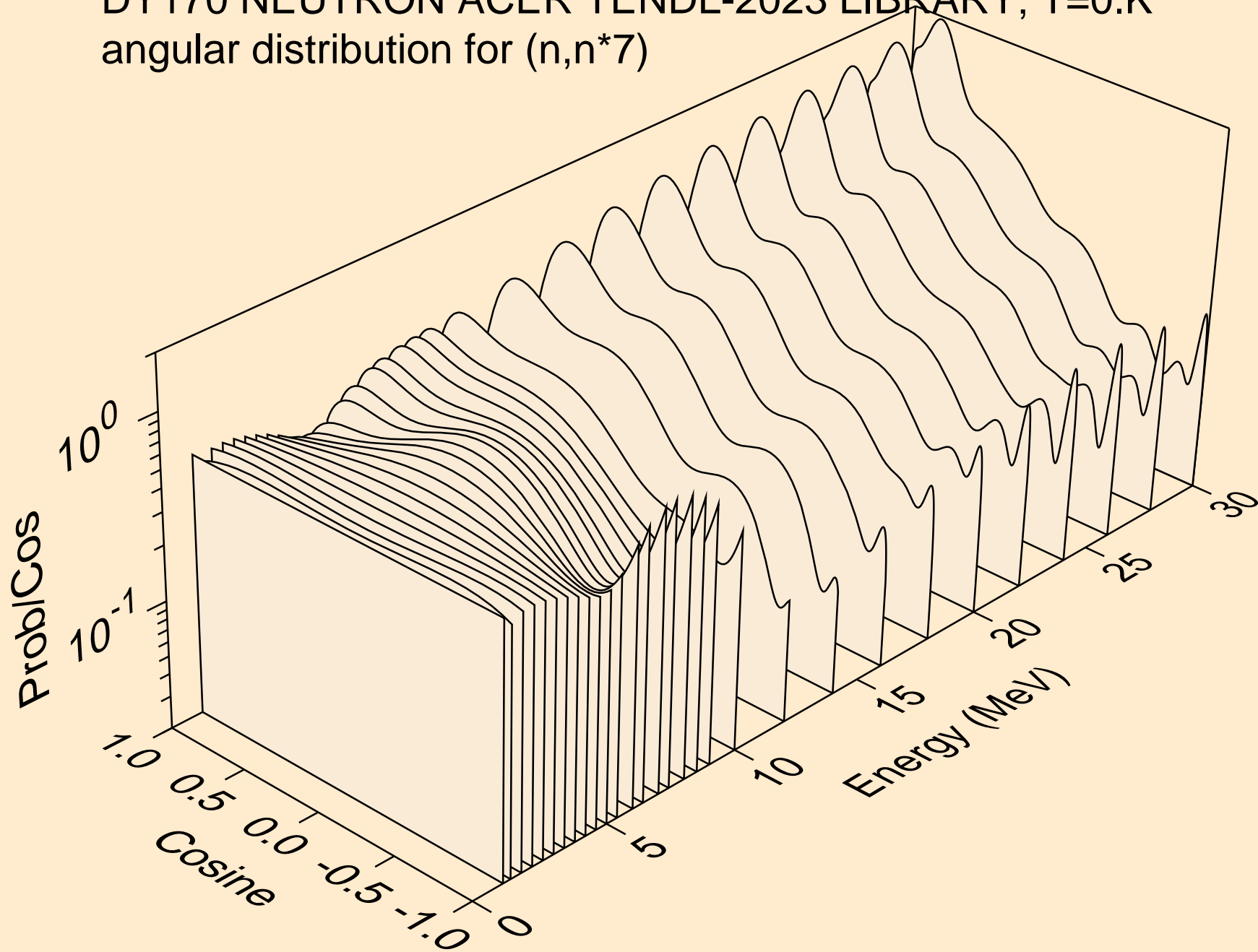
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



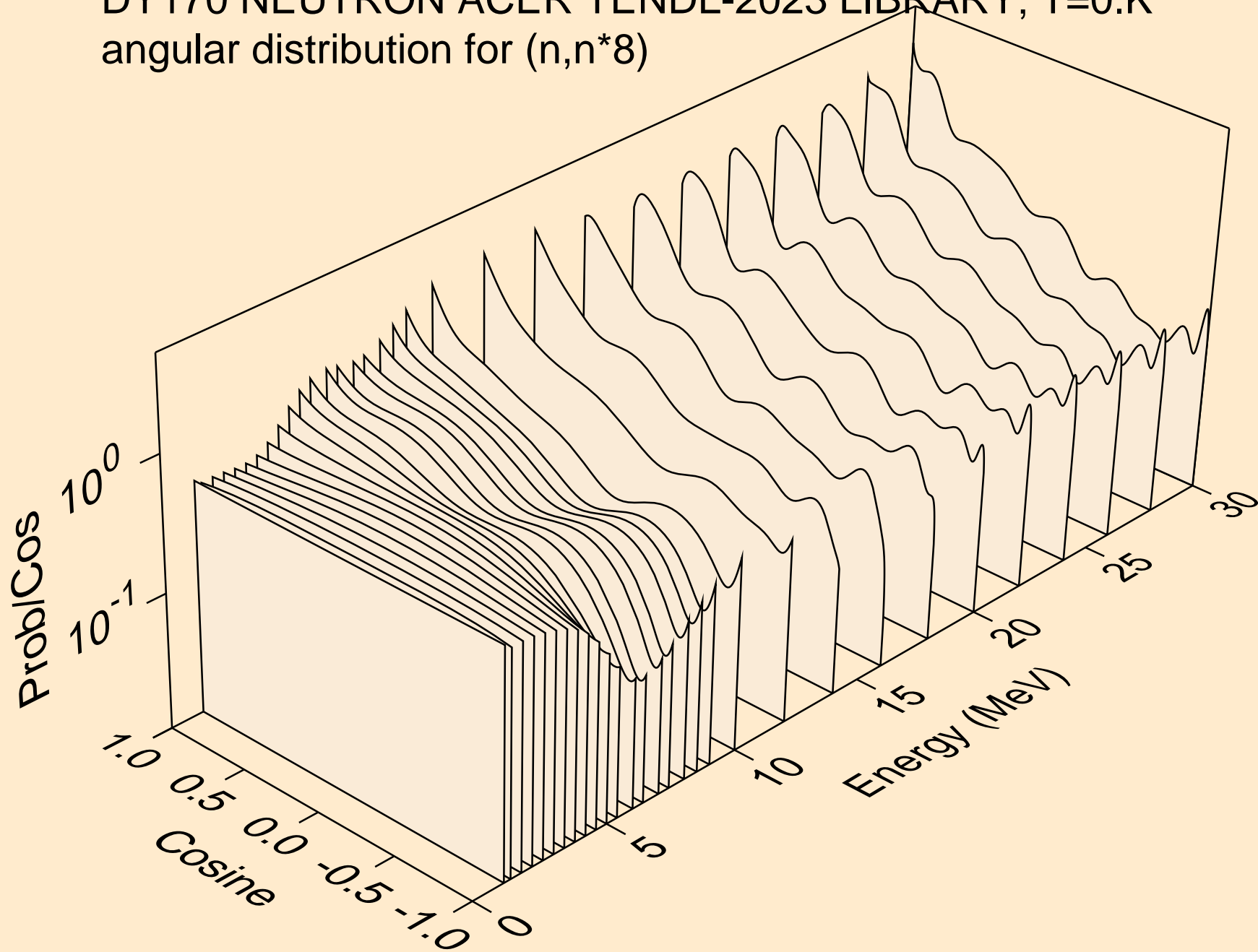
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



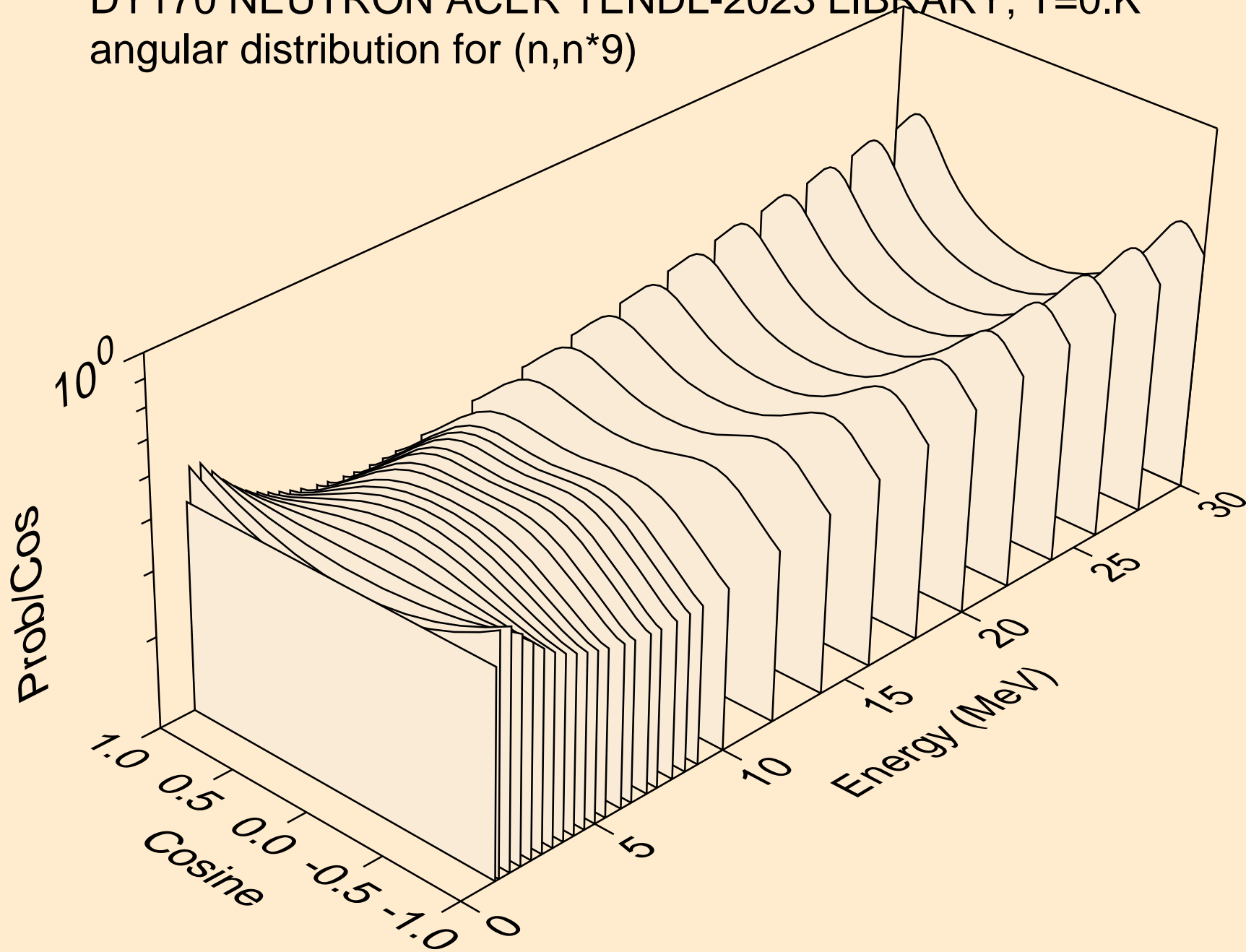
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

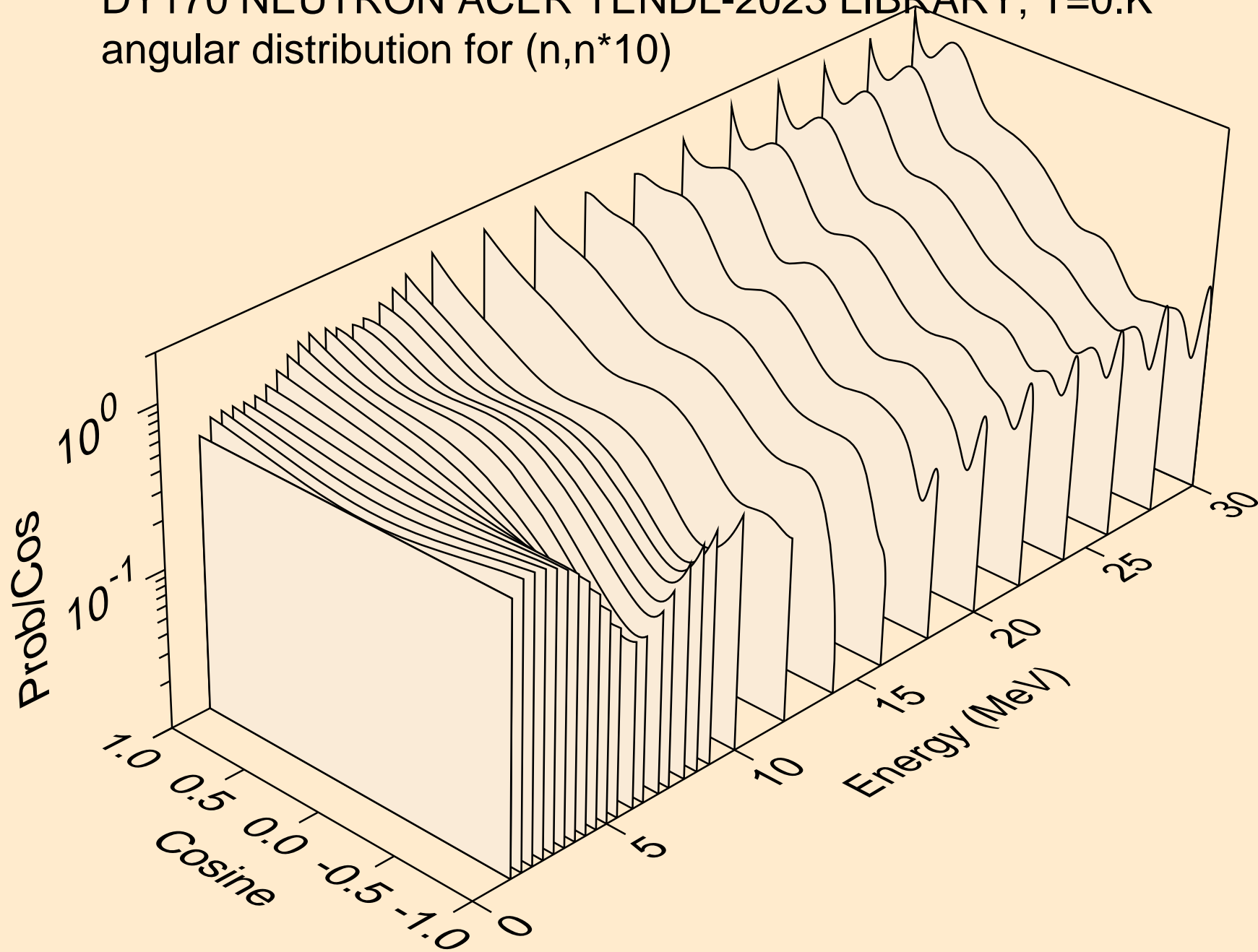


DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

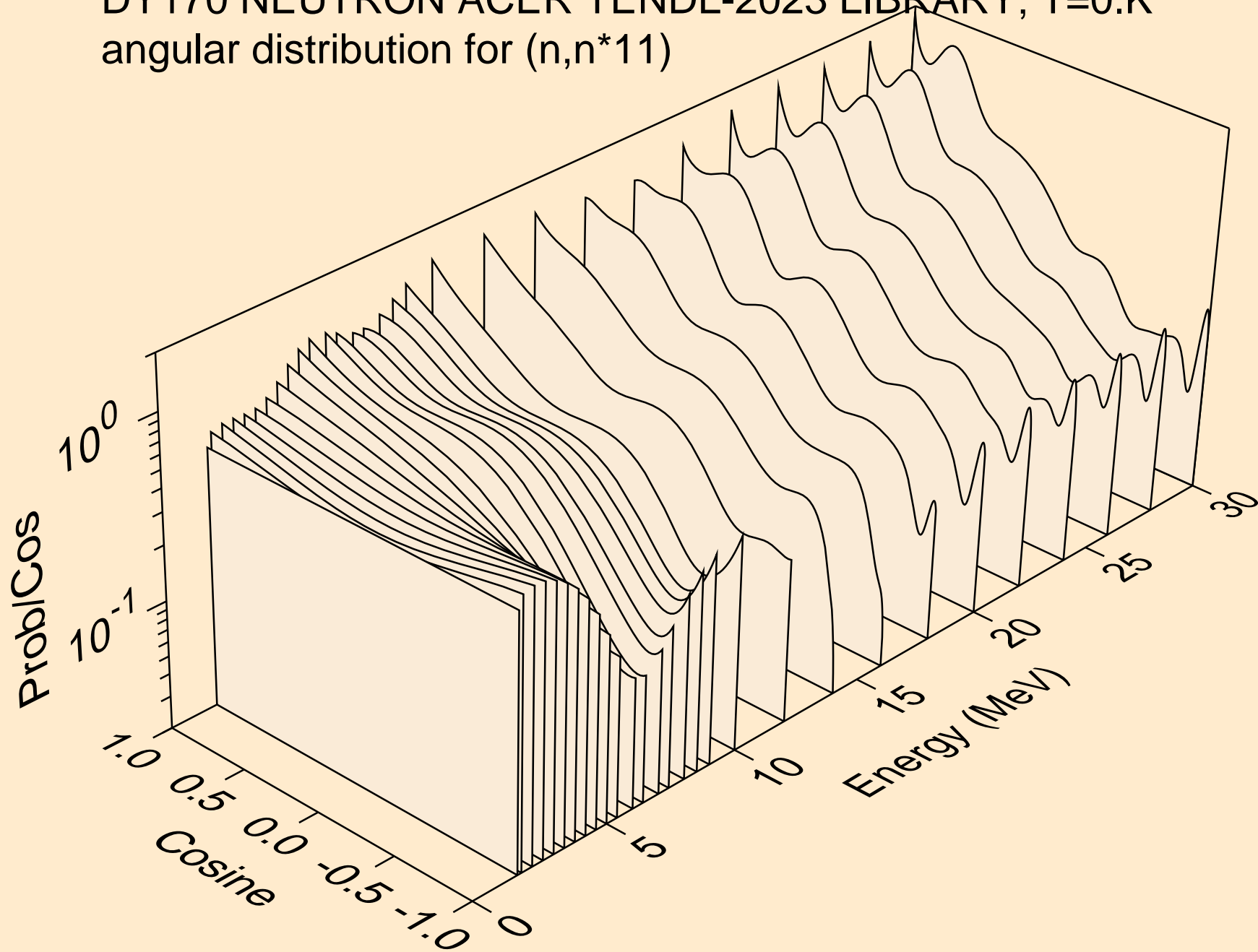




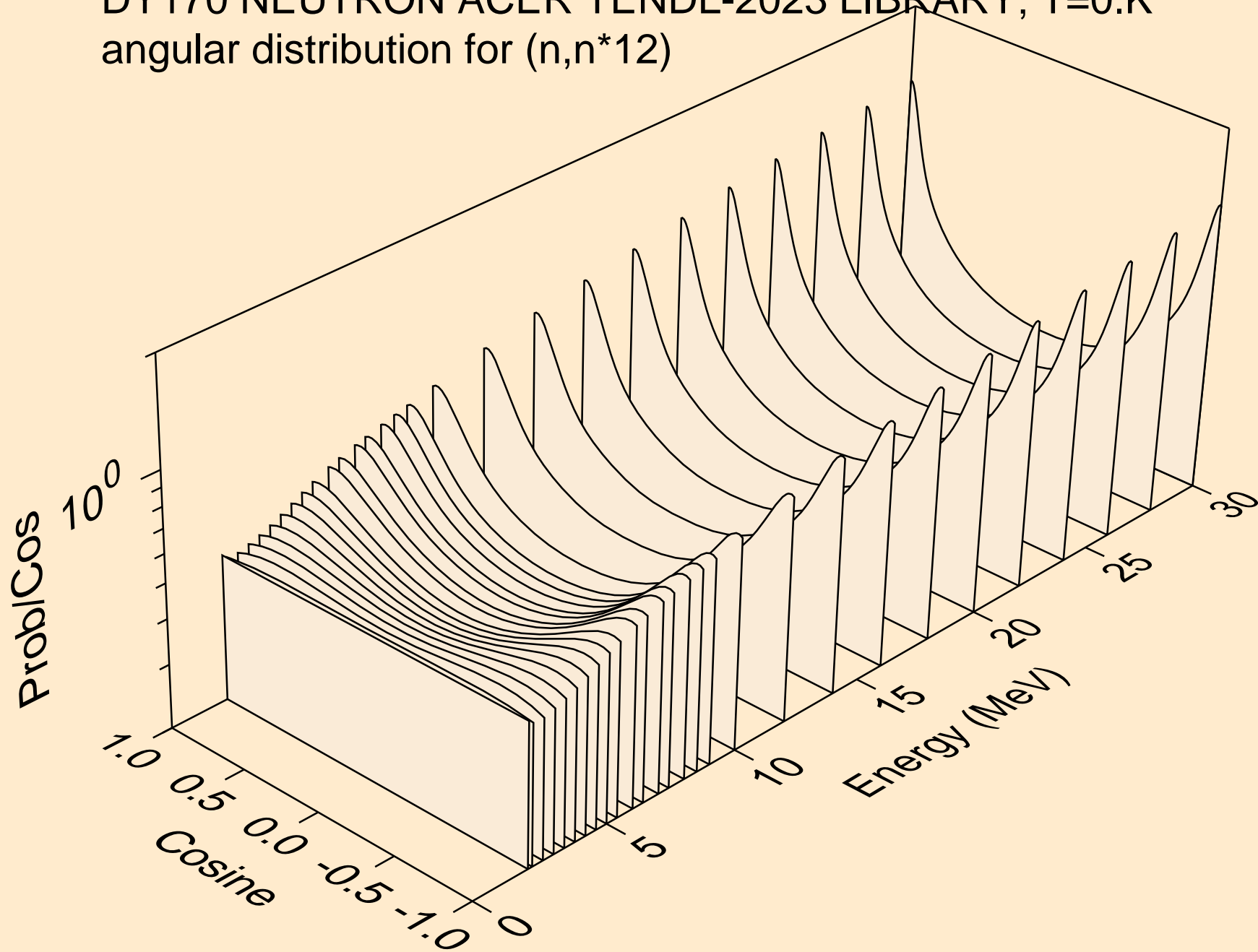
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



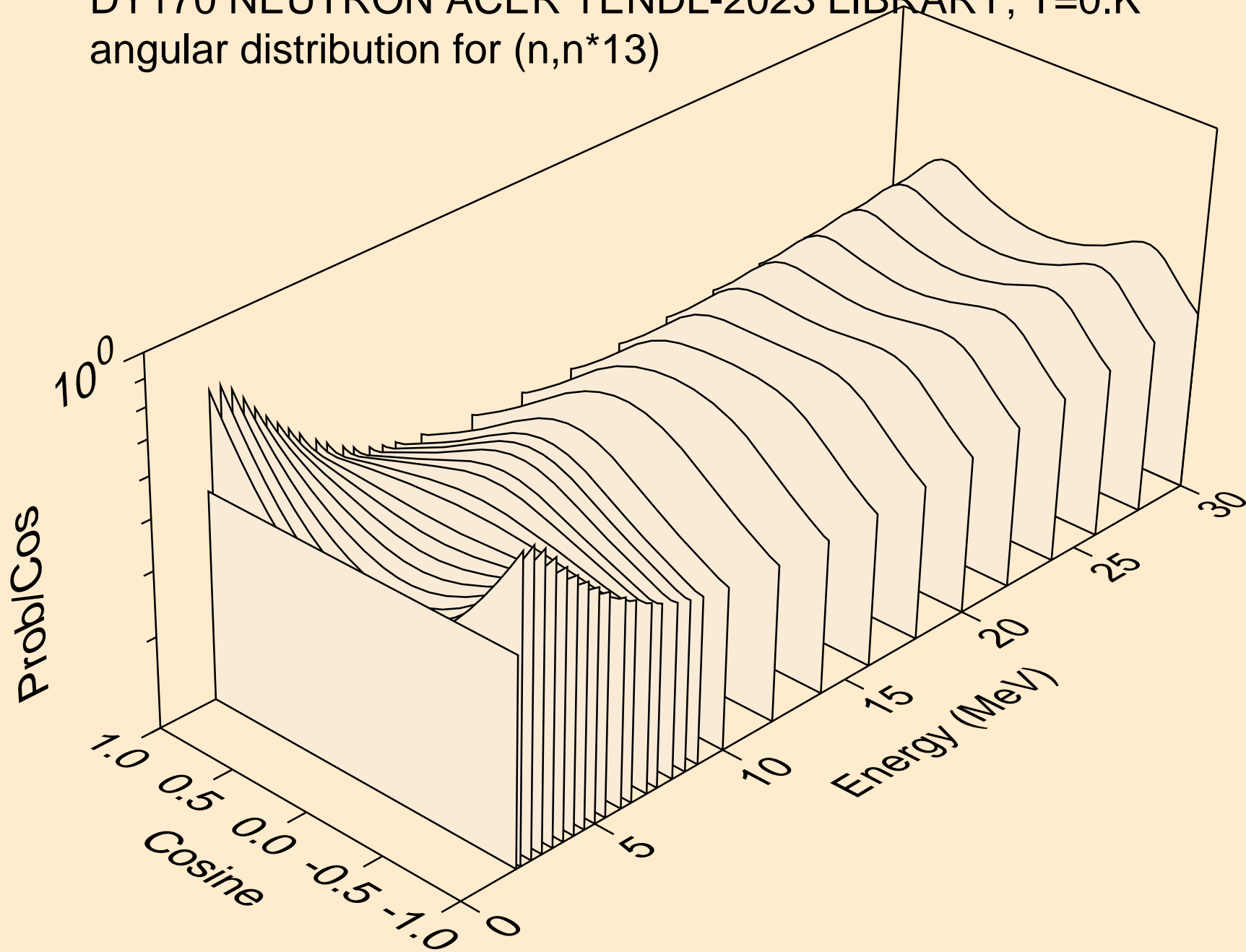
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



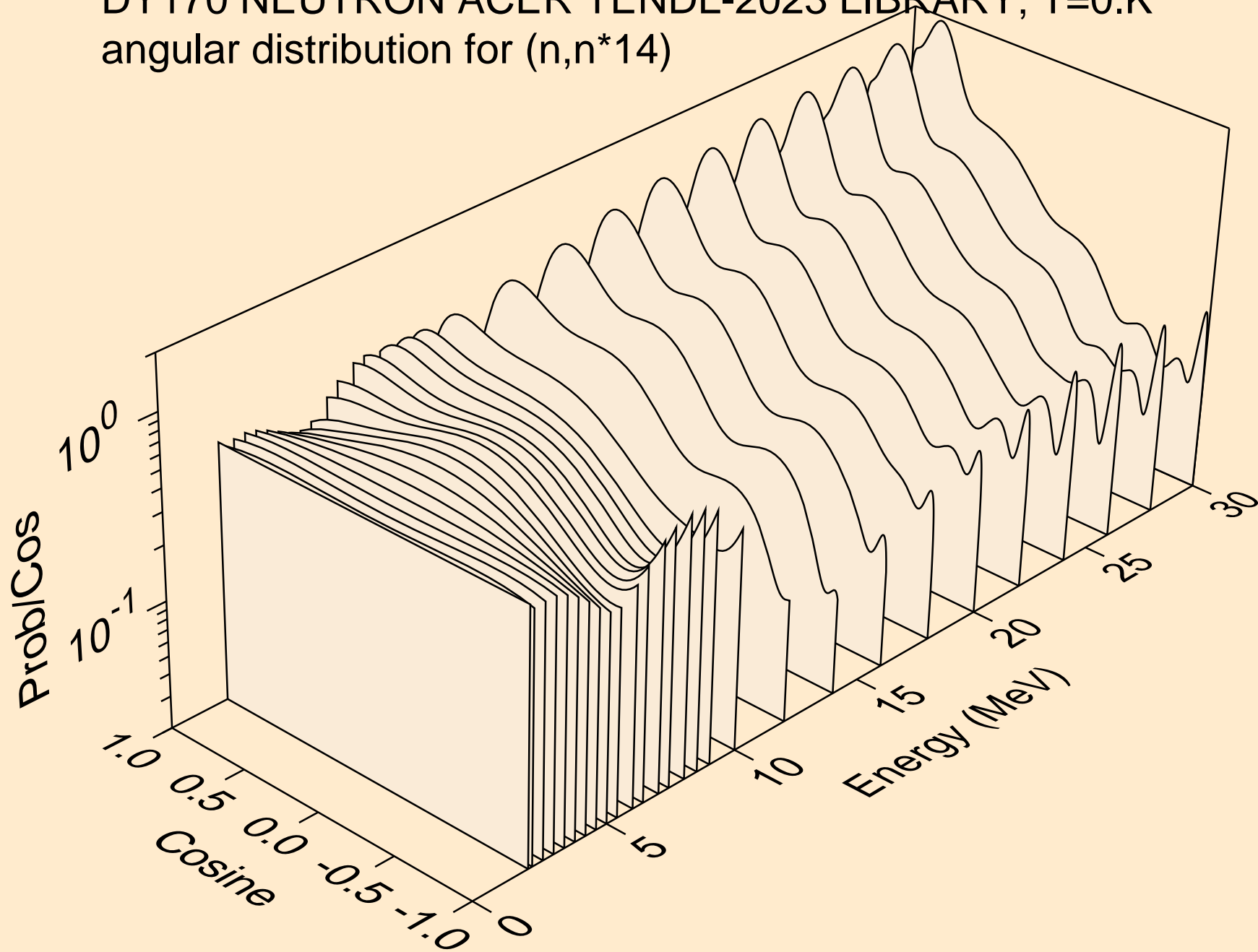
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angular distribution for (n,n\*12)



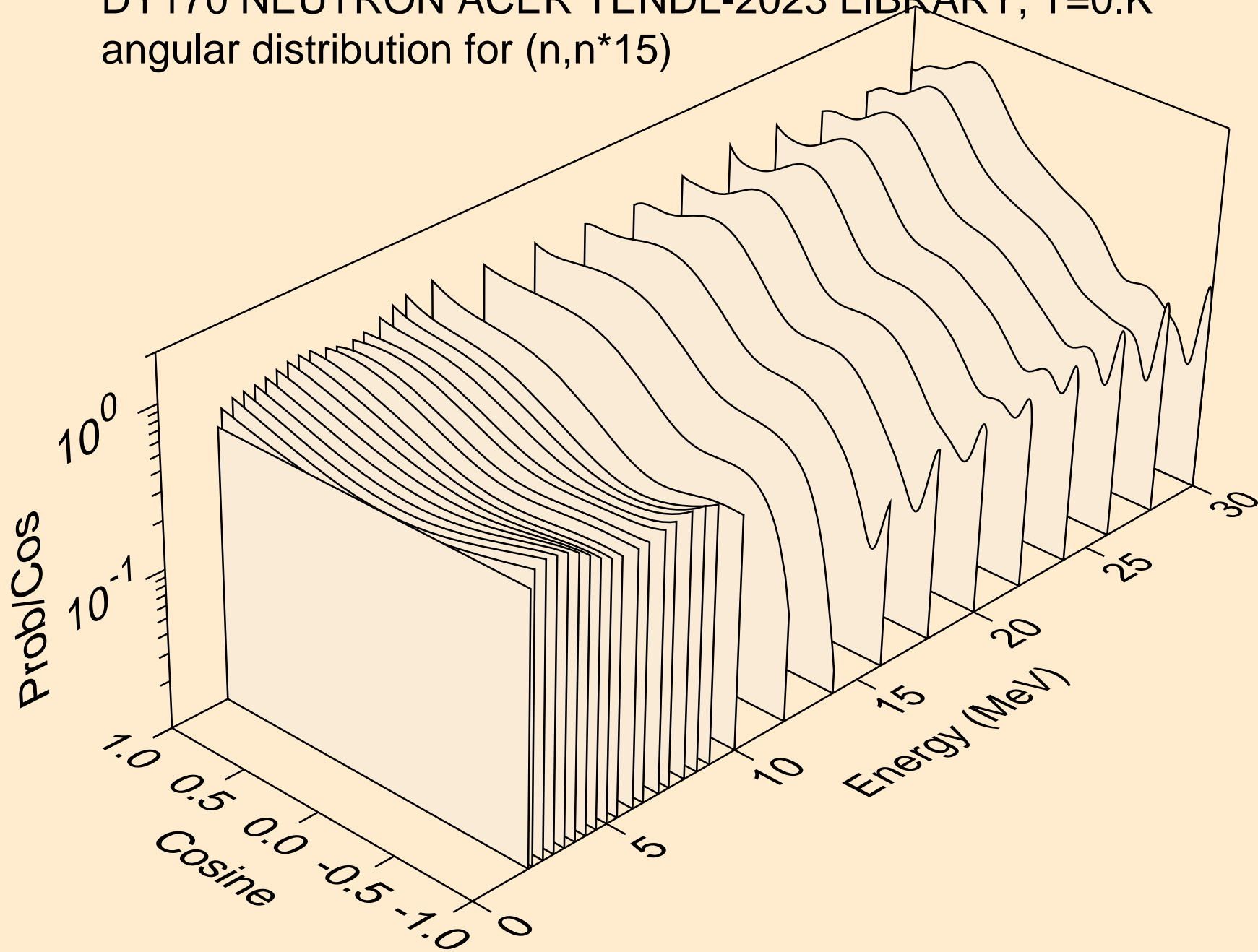
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angular distribution for (n,n\*13)



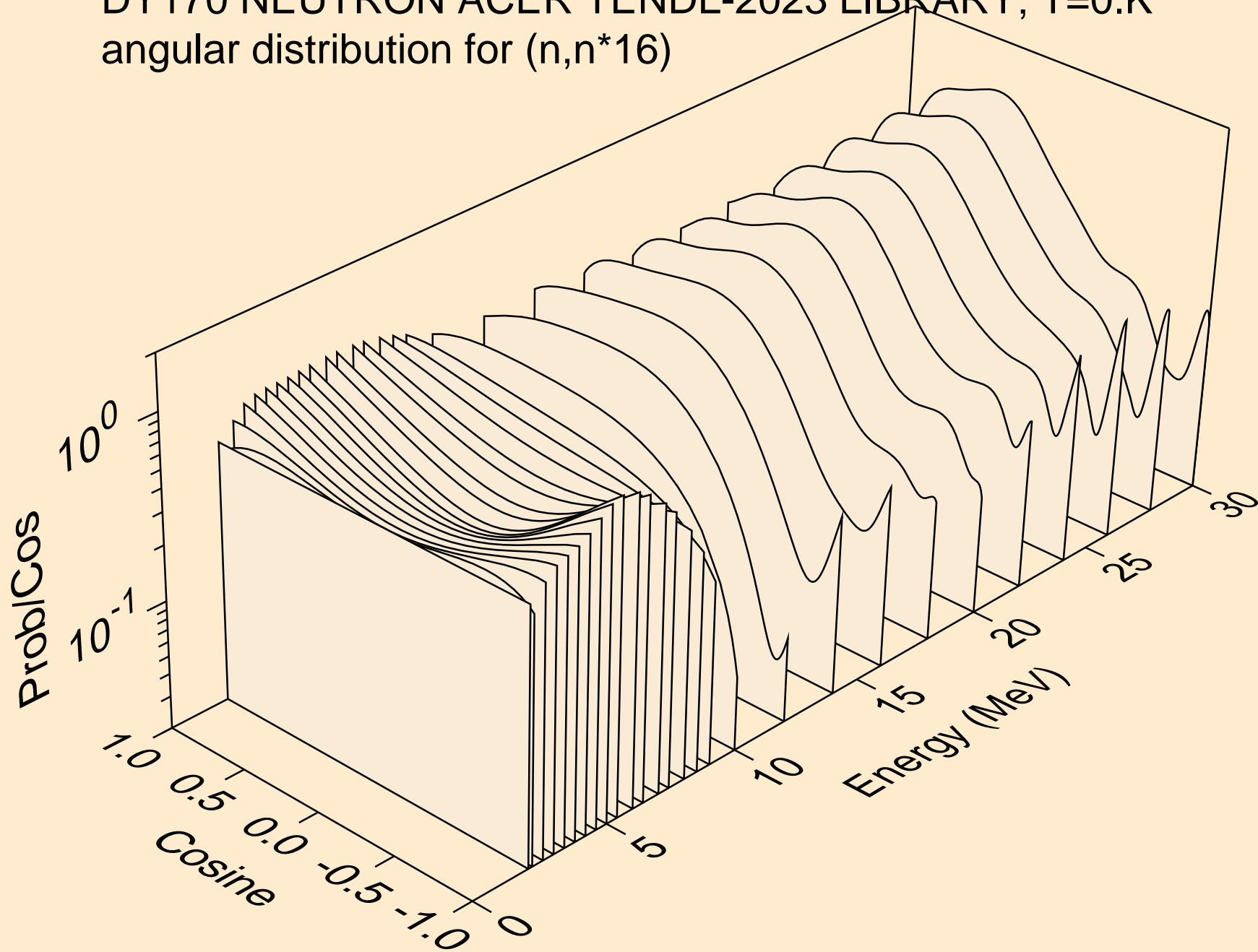
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angular distribution for (n,n\*14)



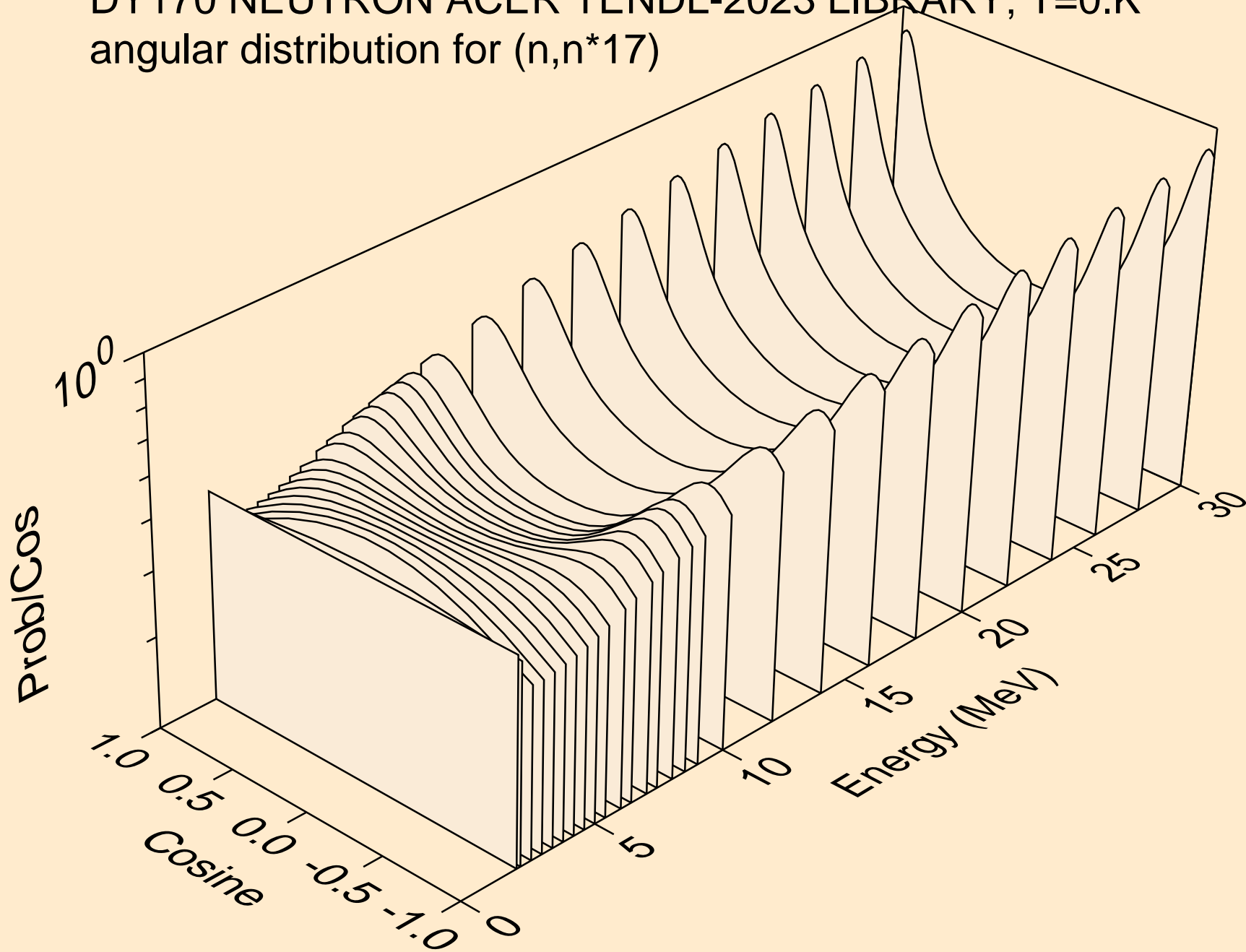
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

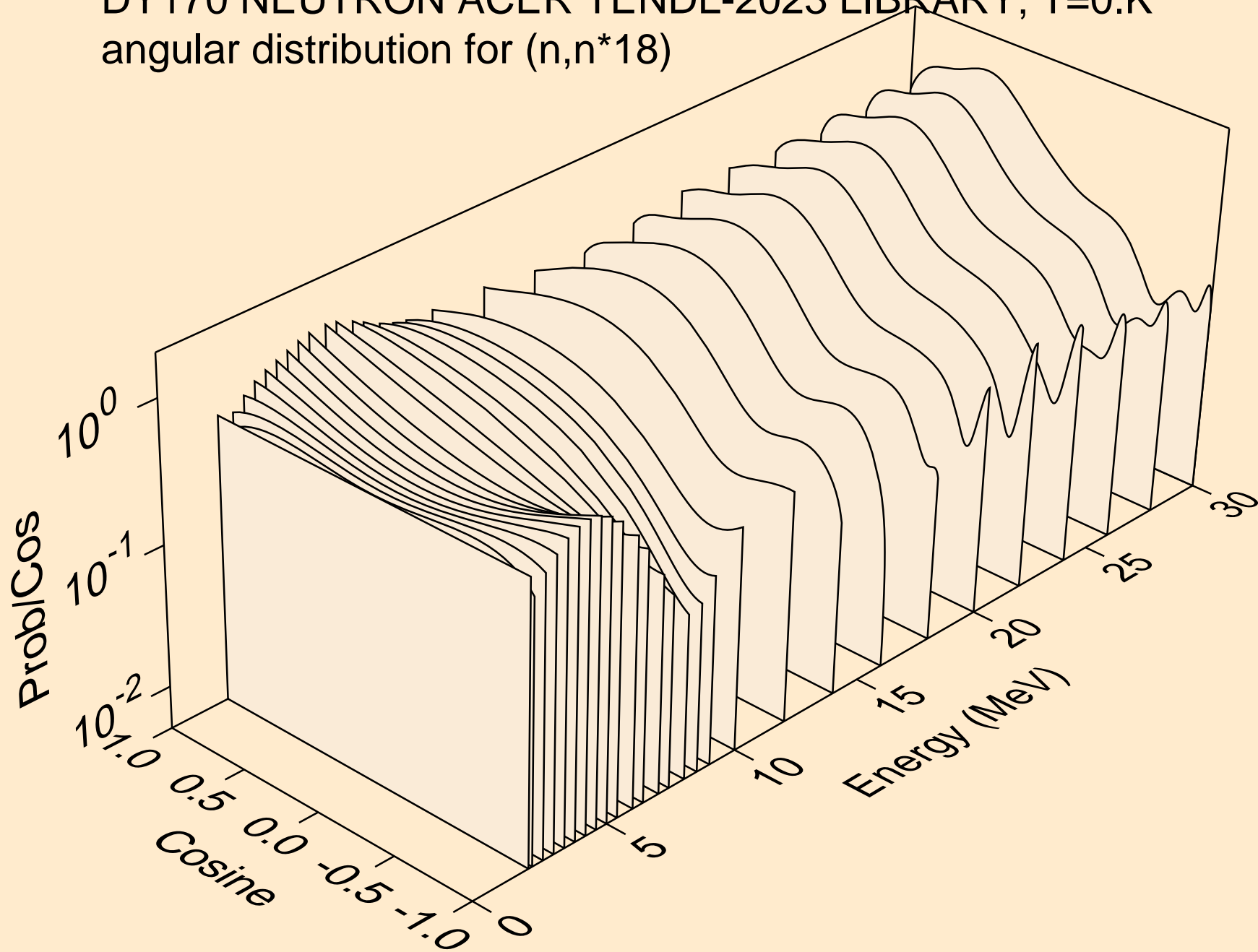


DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

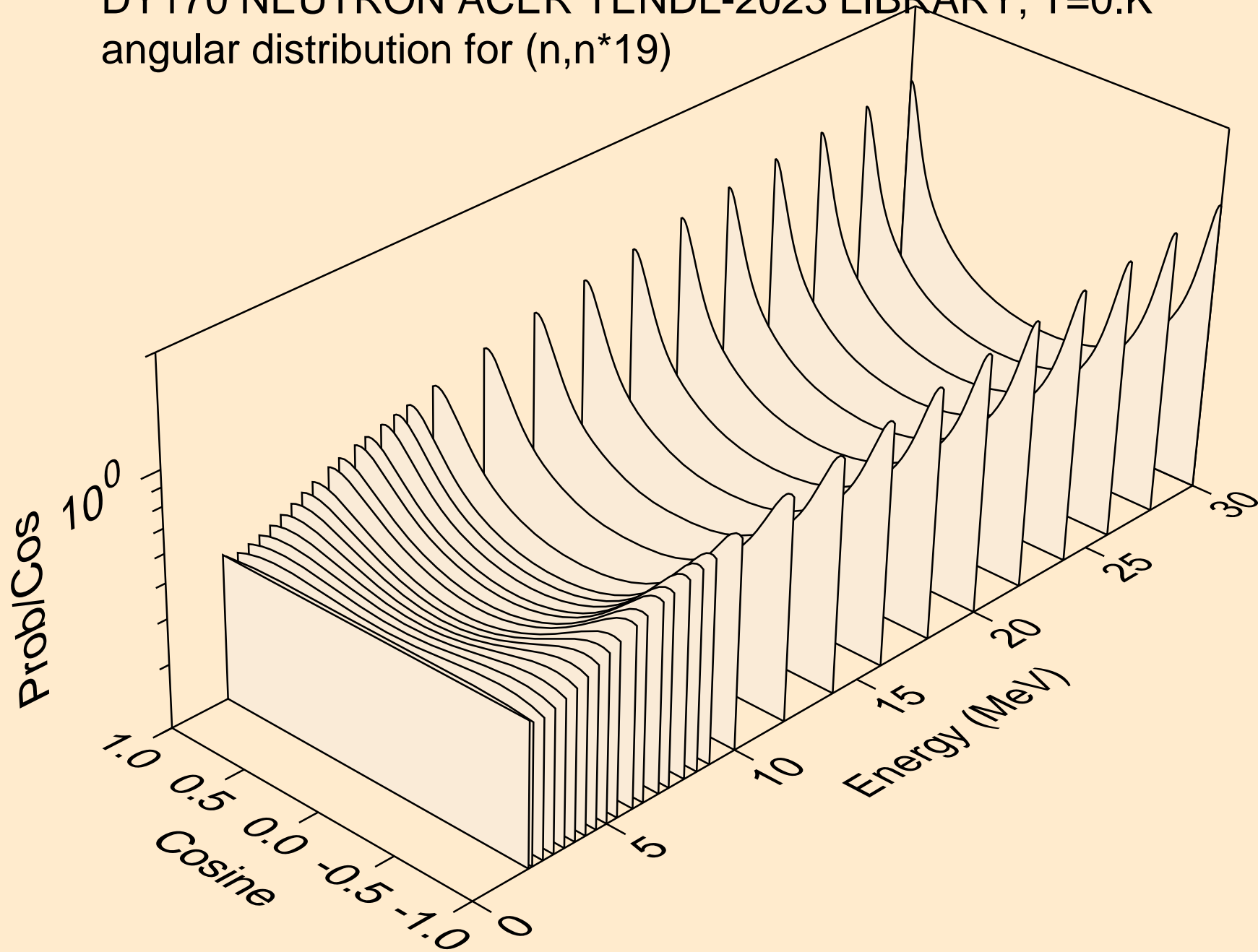




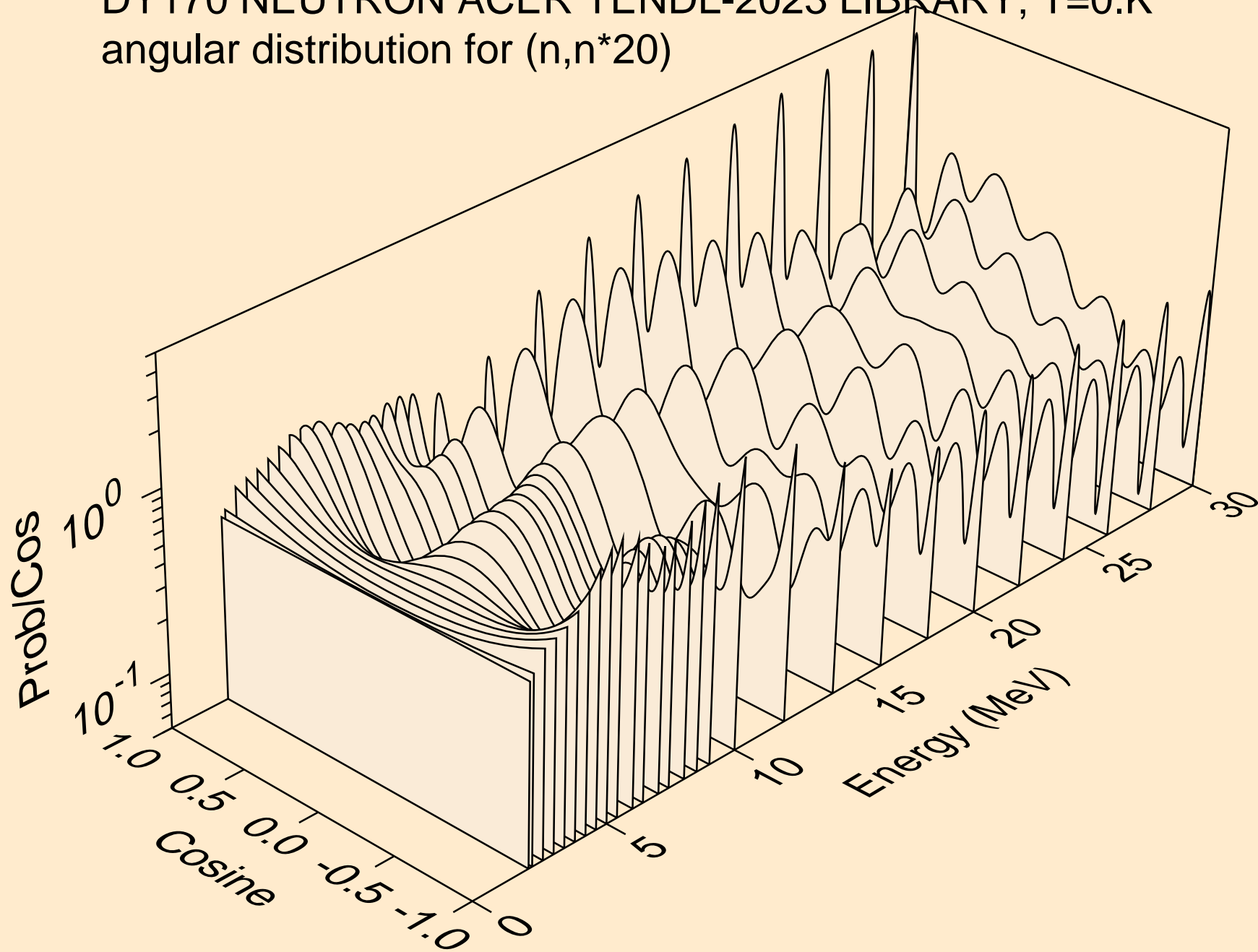
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



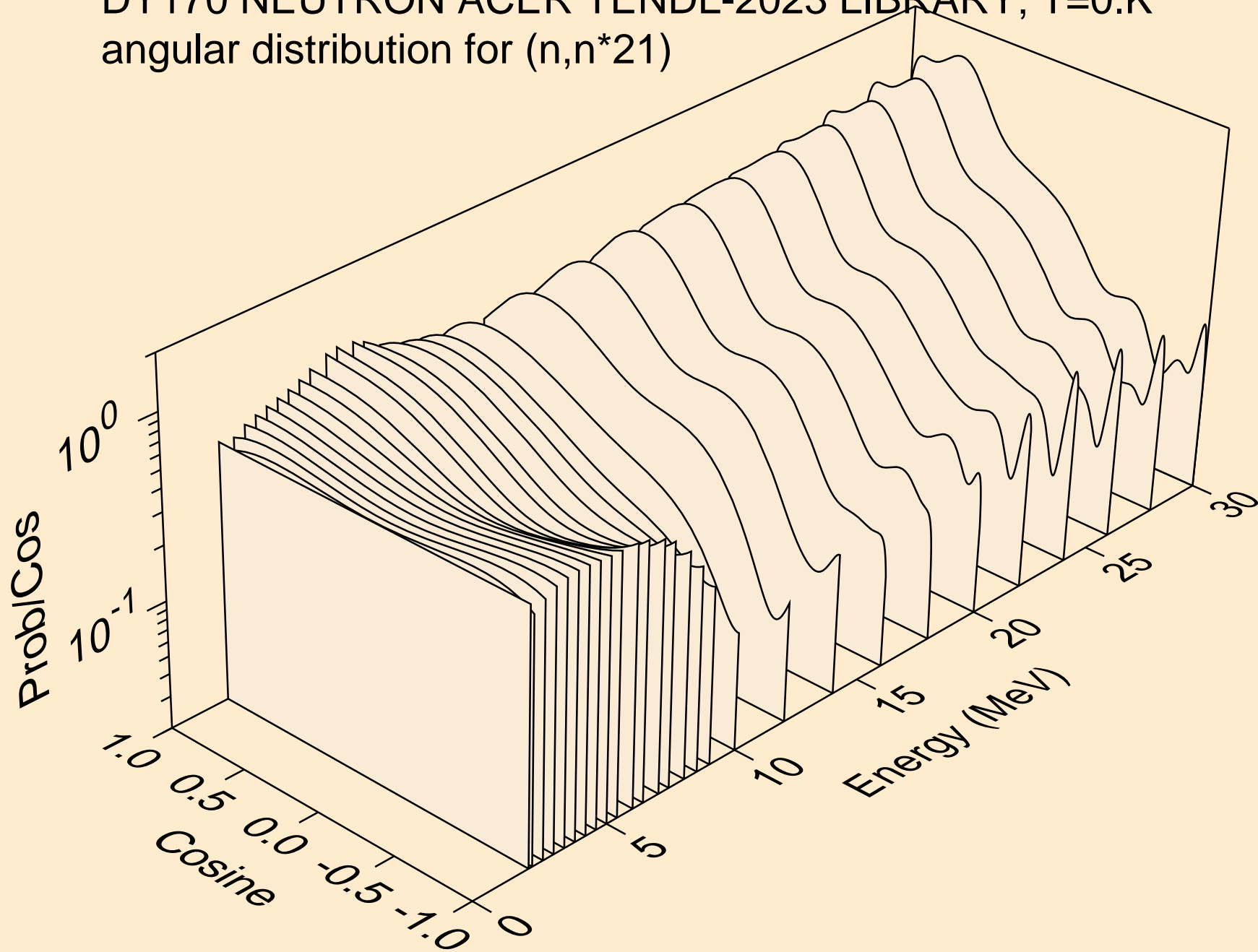
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



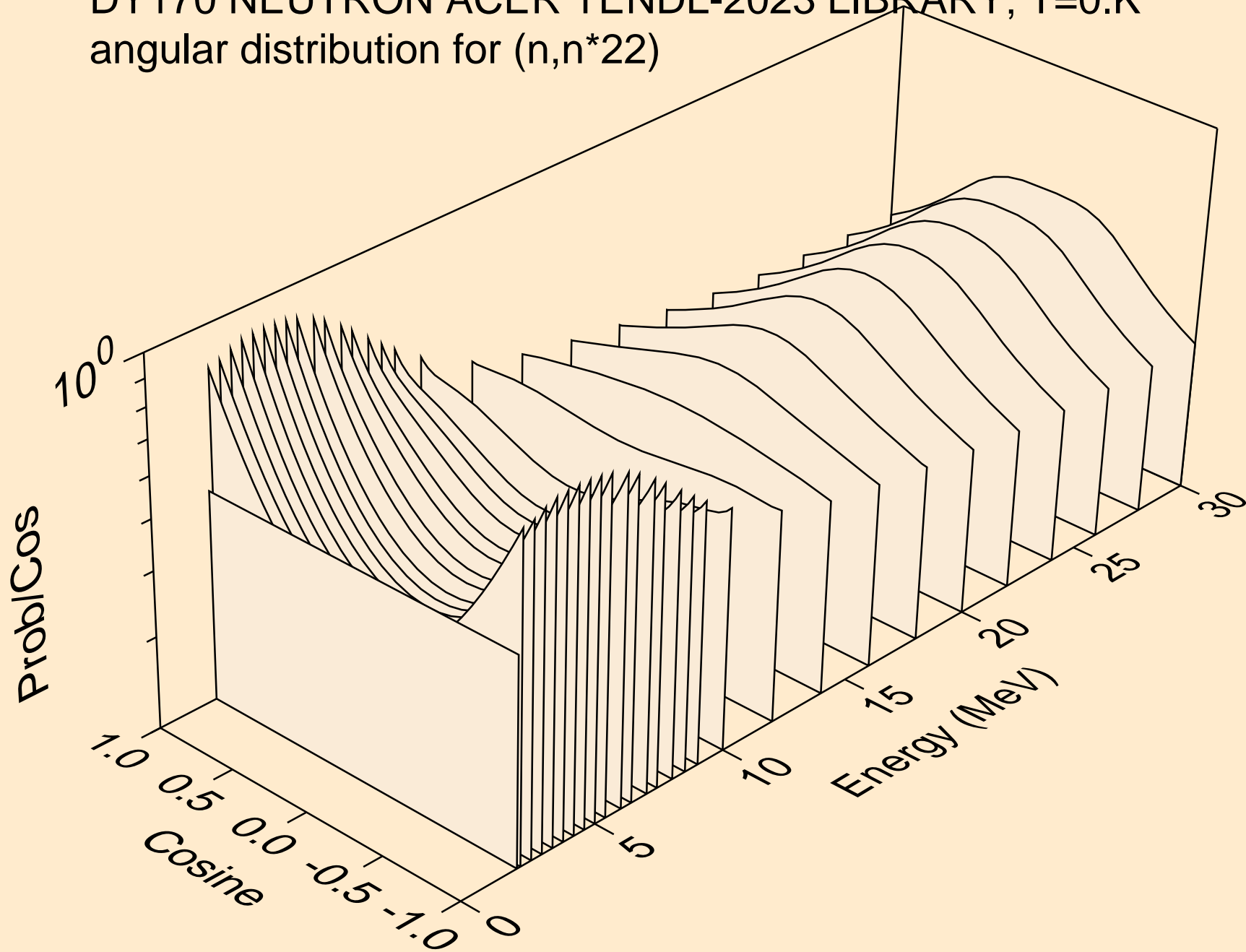
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angular distribution for (n,n\*20)



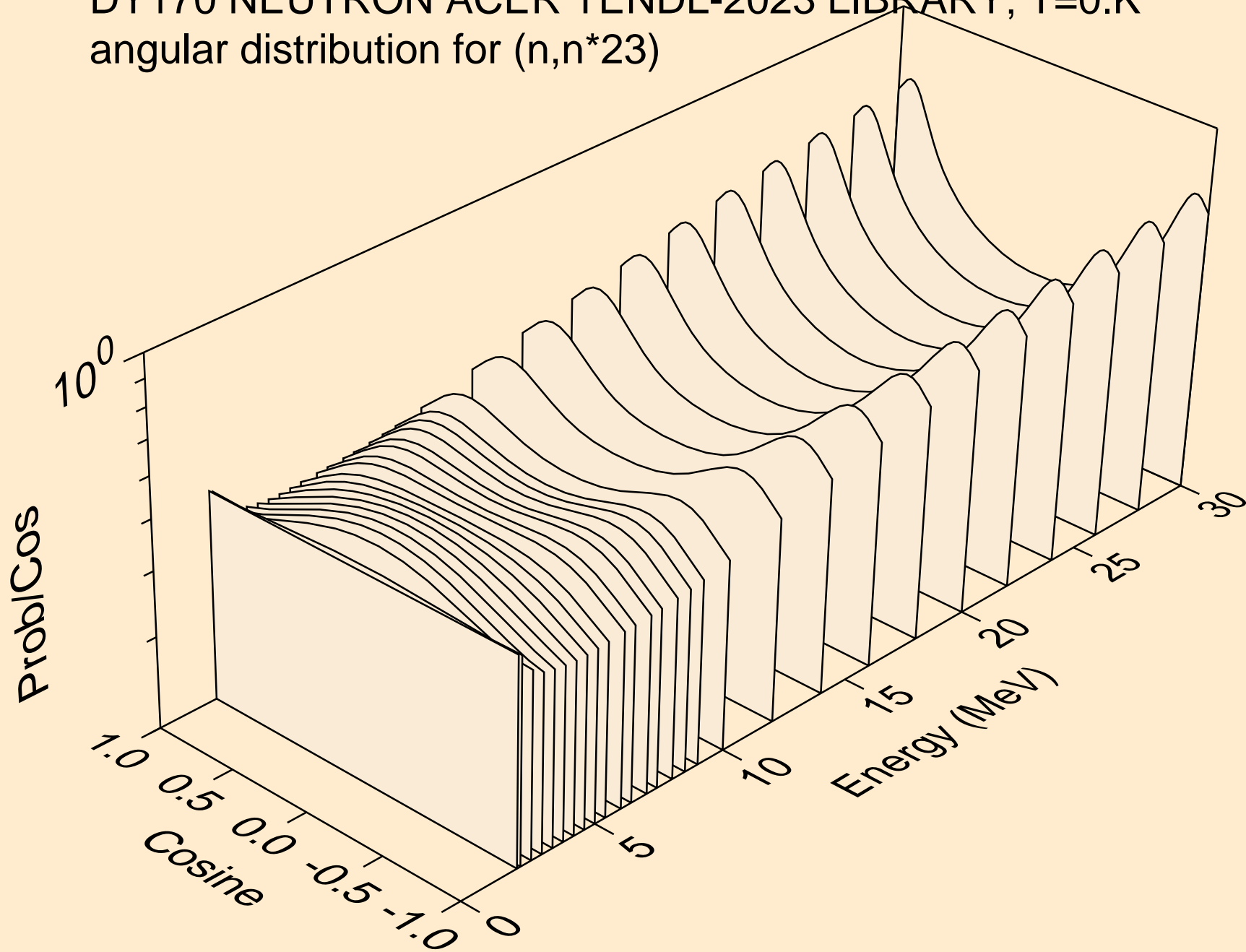
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angular distribution for (n,n\*21)



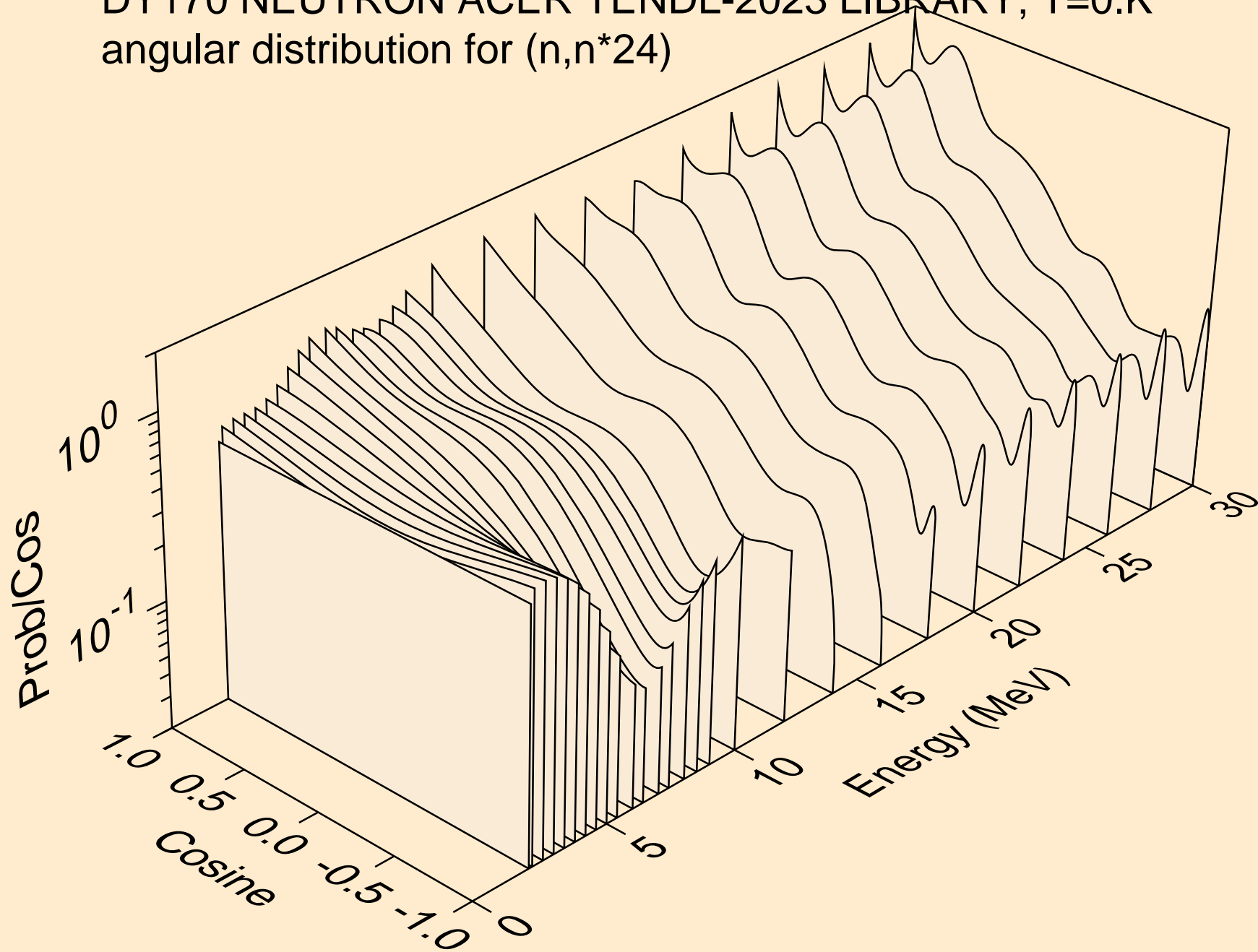
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angular distribution for (n,n\*22)



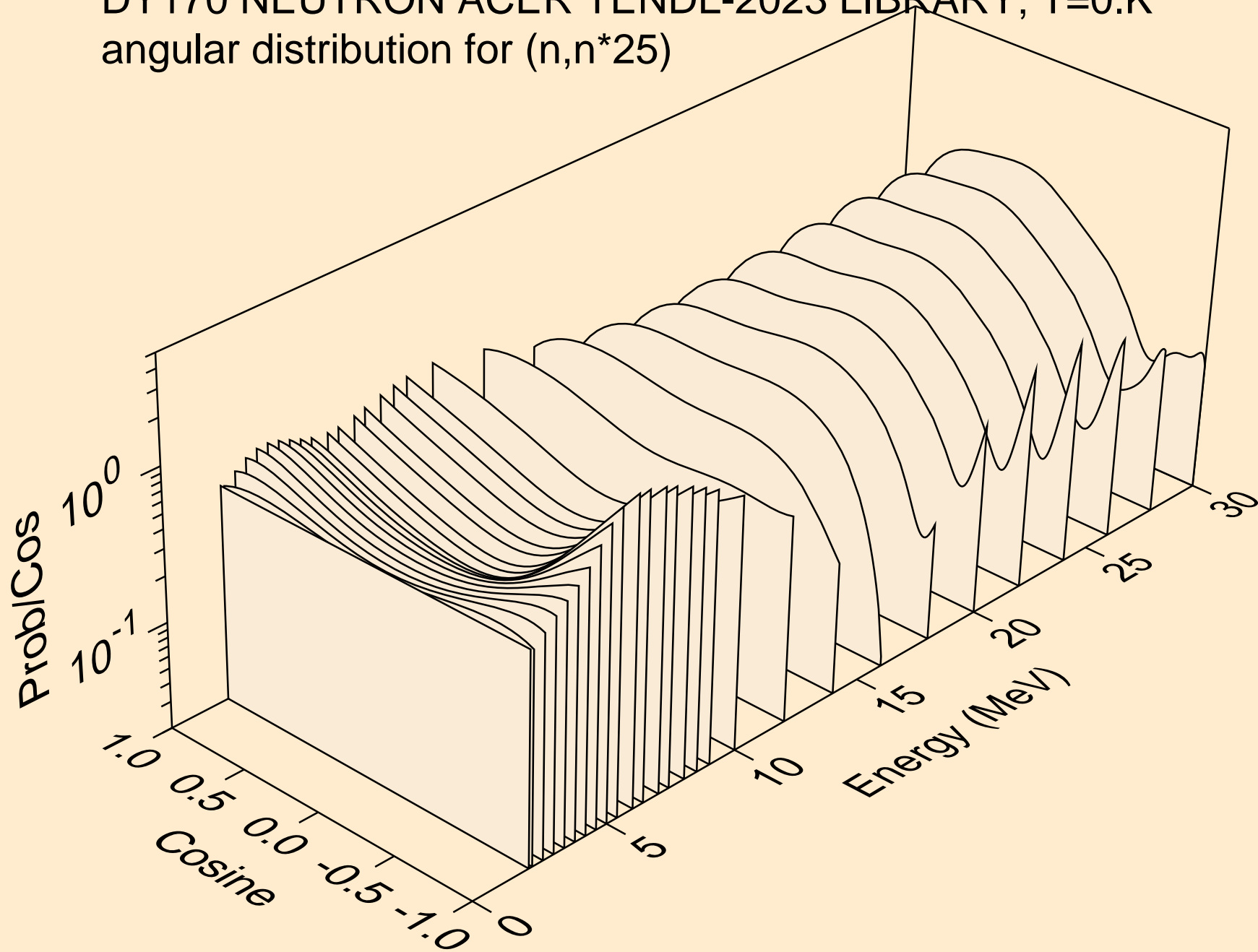
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

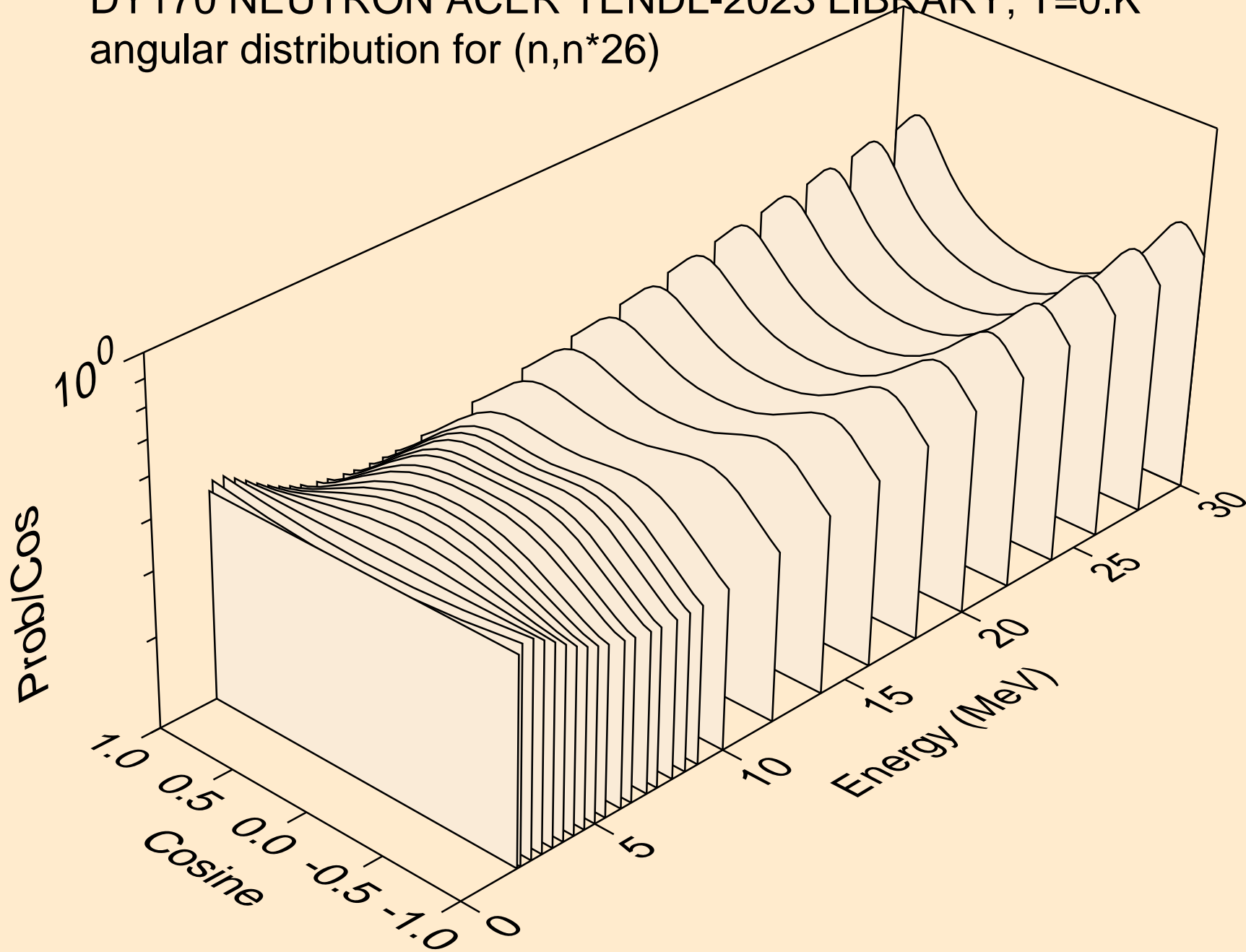


DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

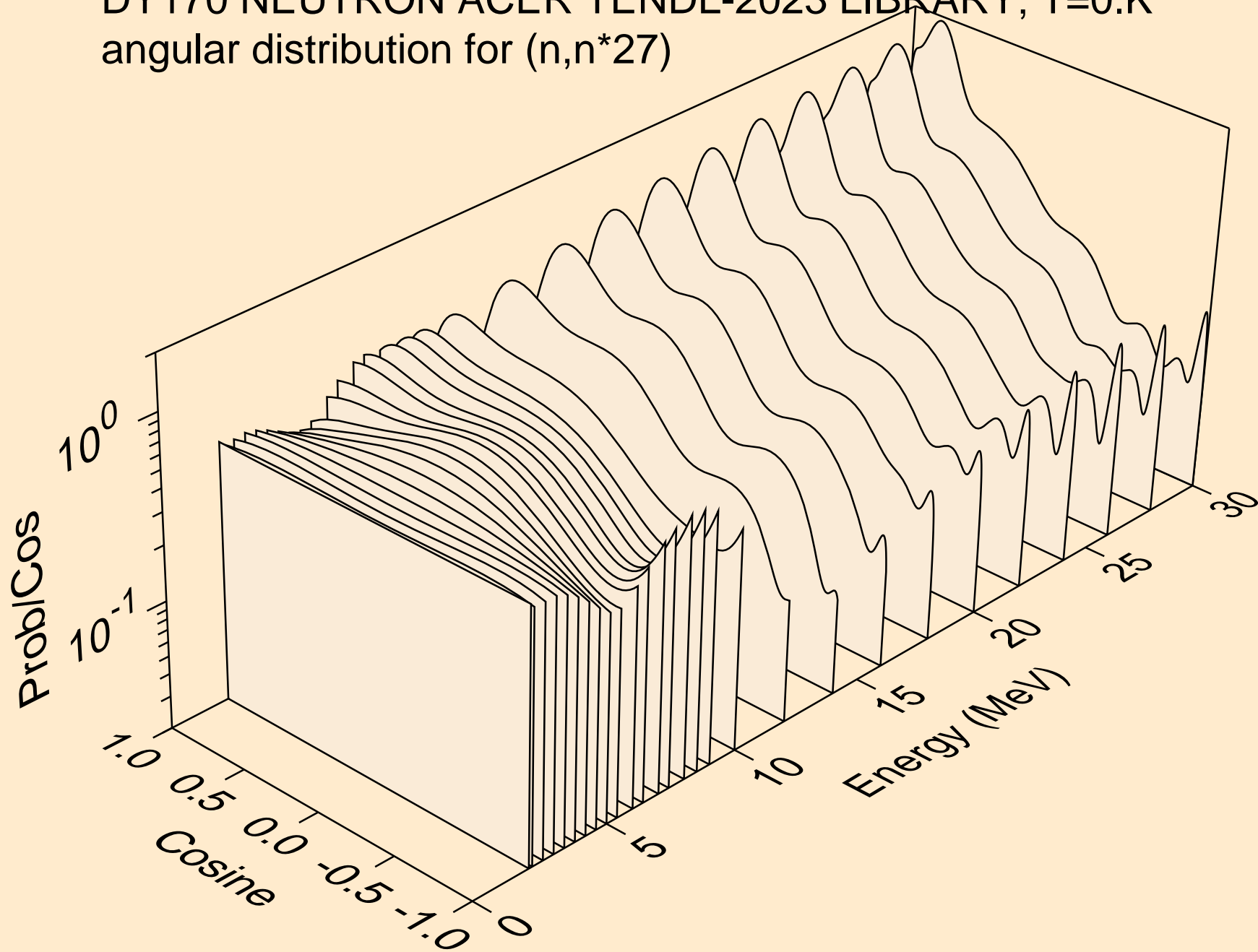




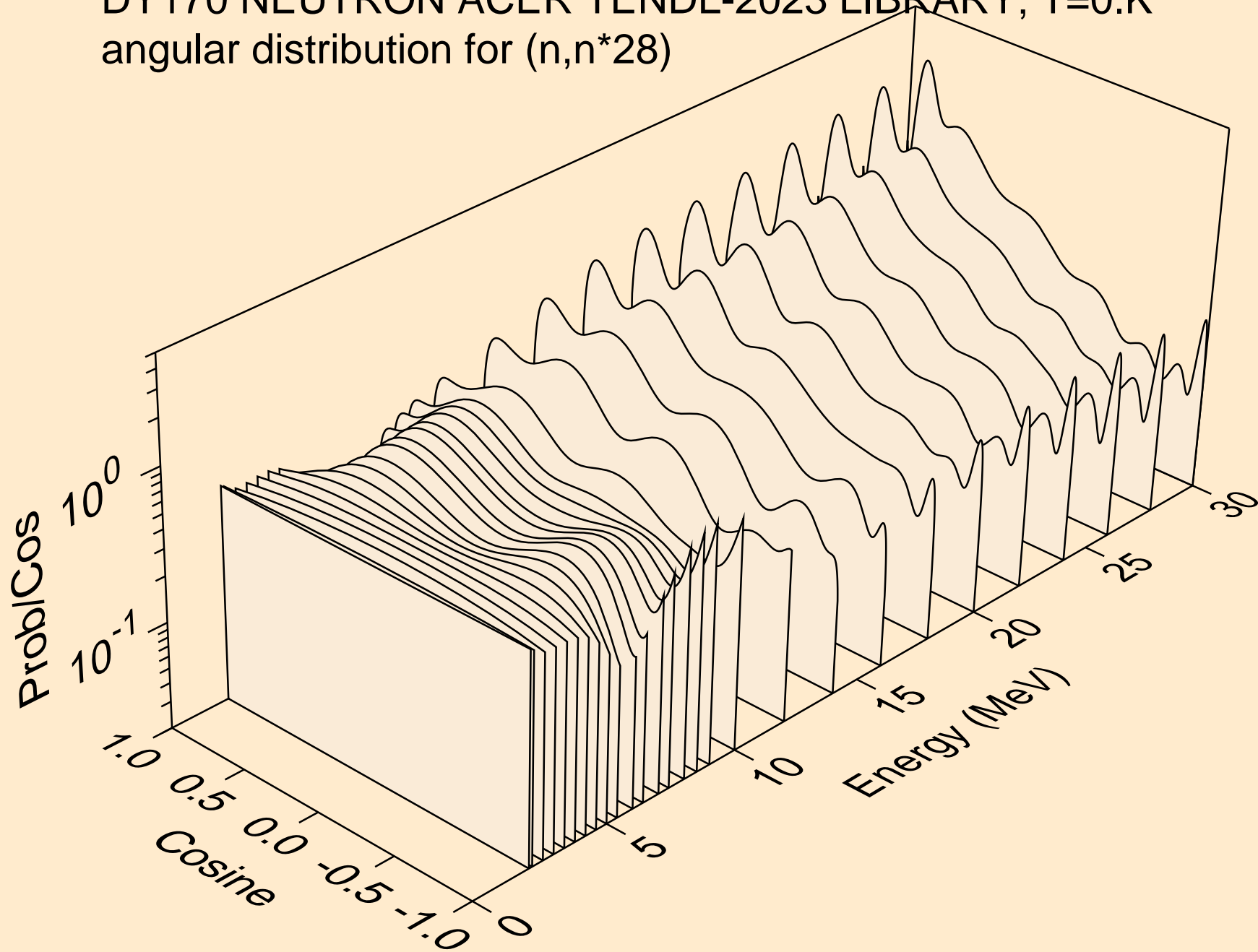
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



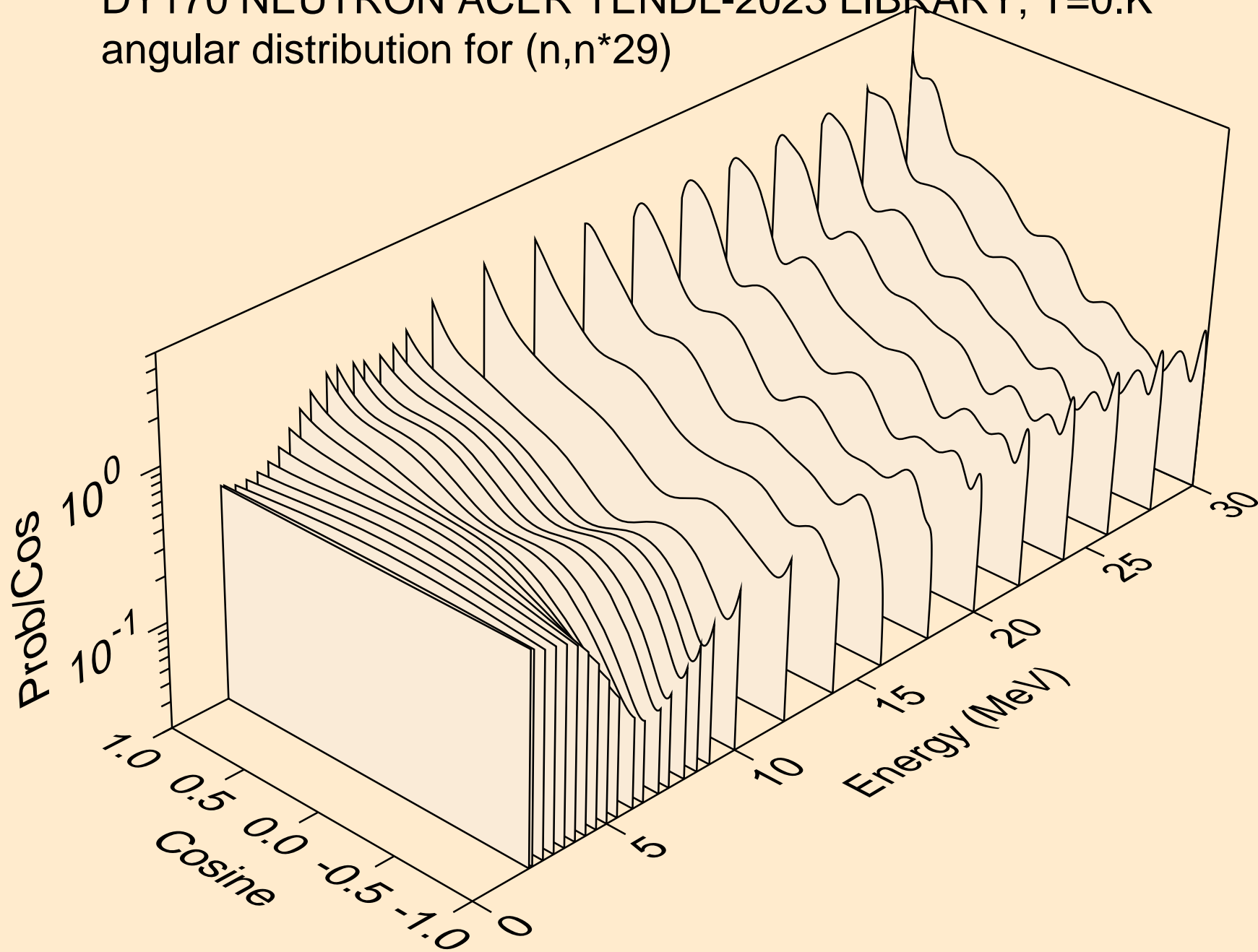
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



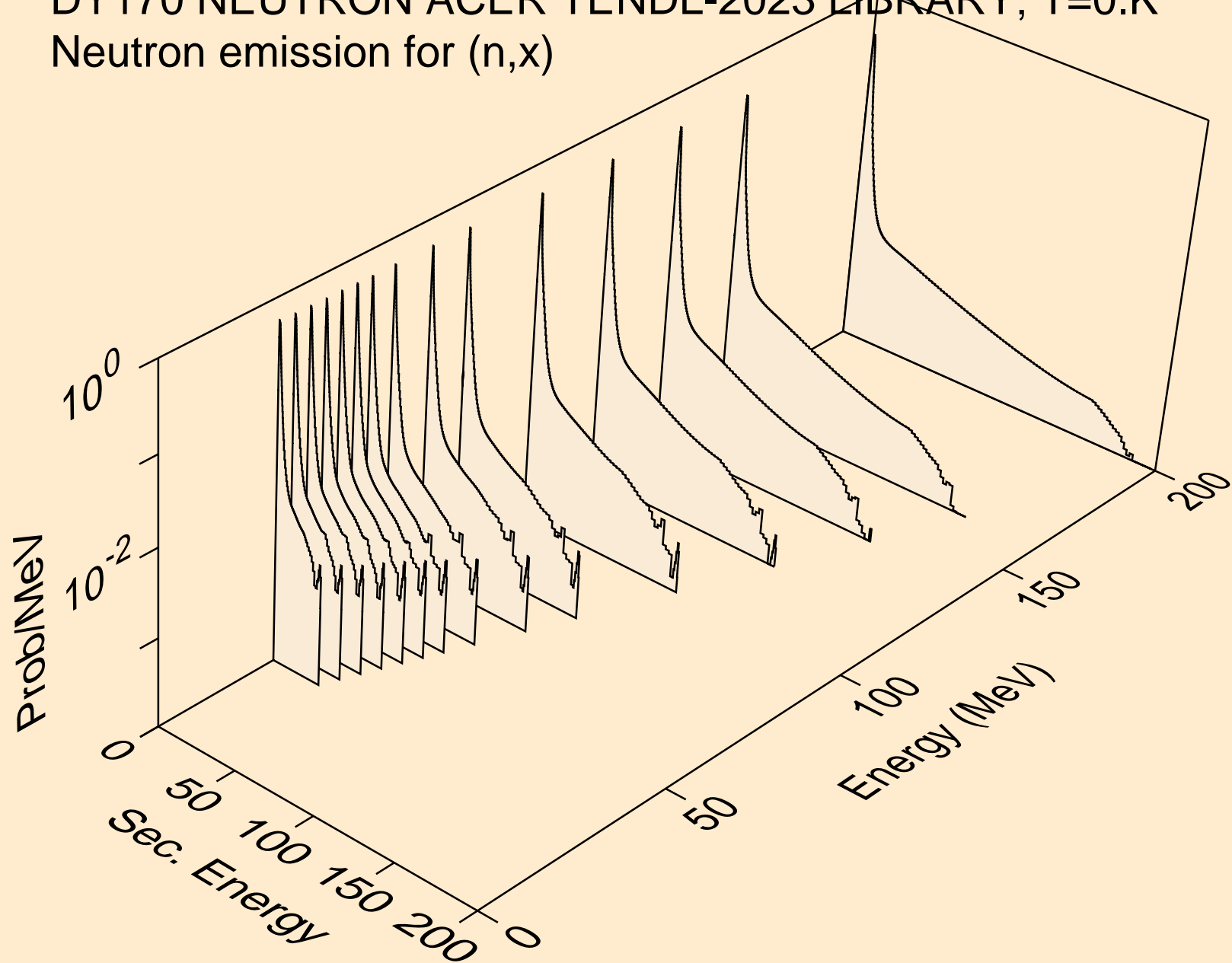
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



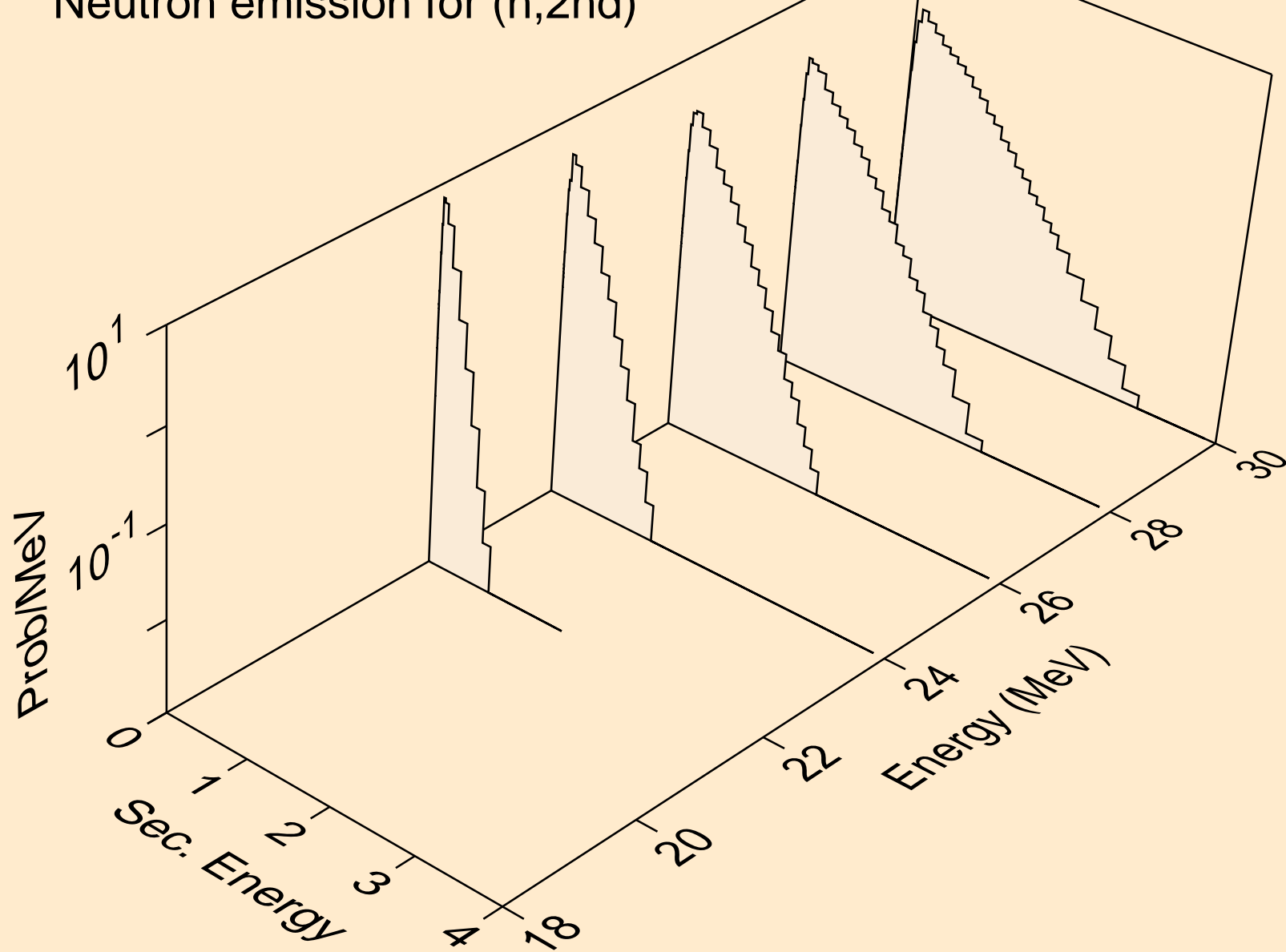
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



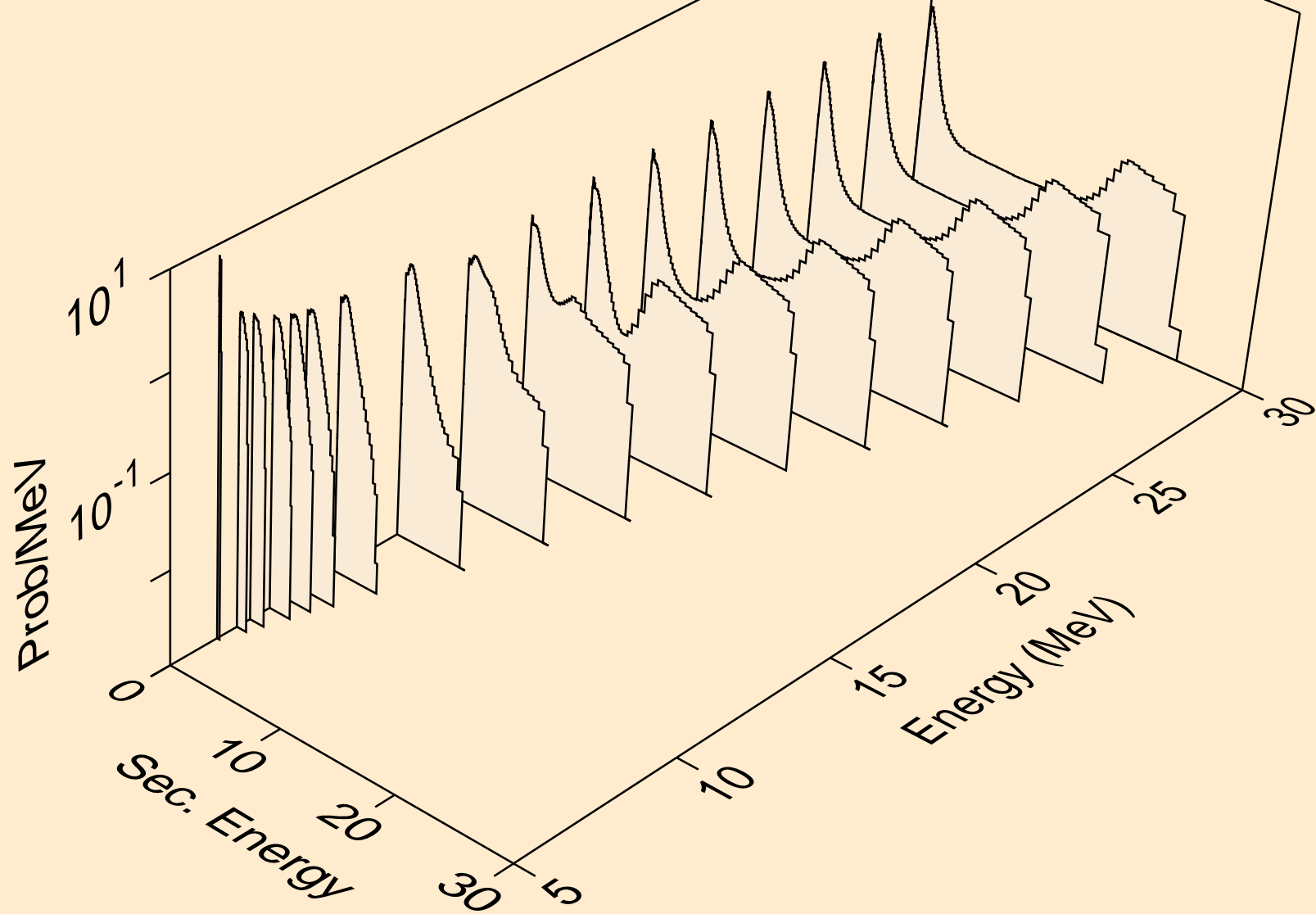
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



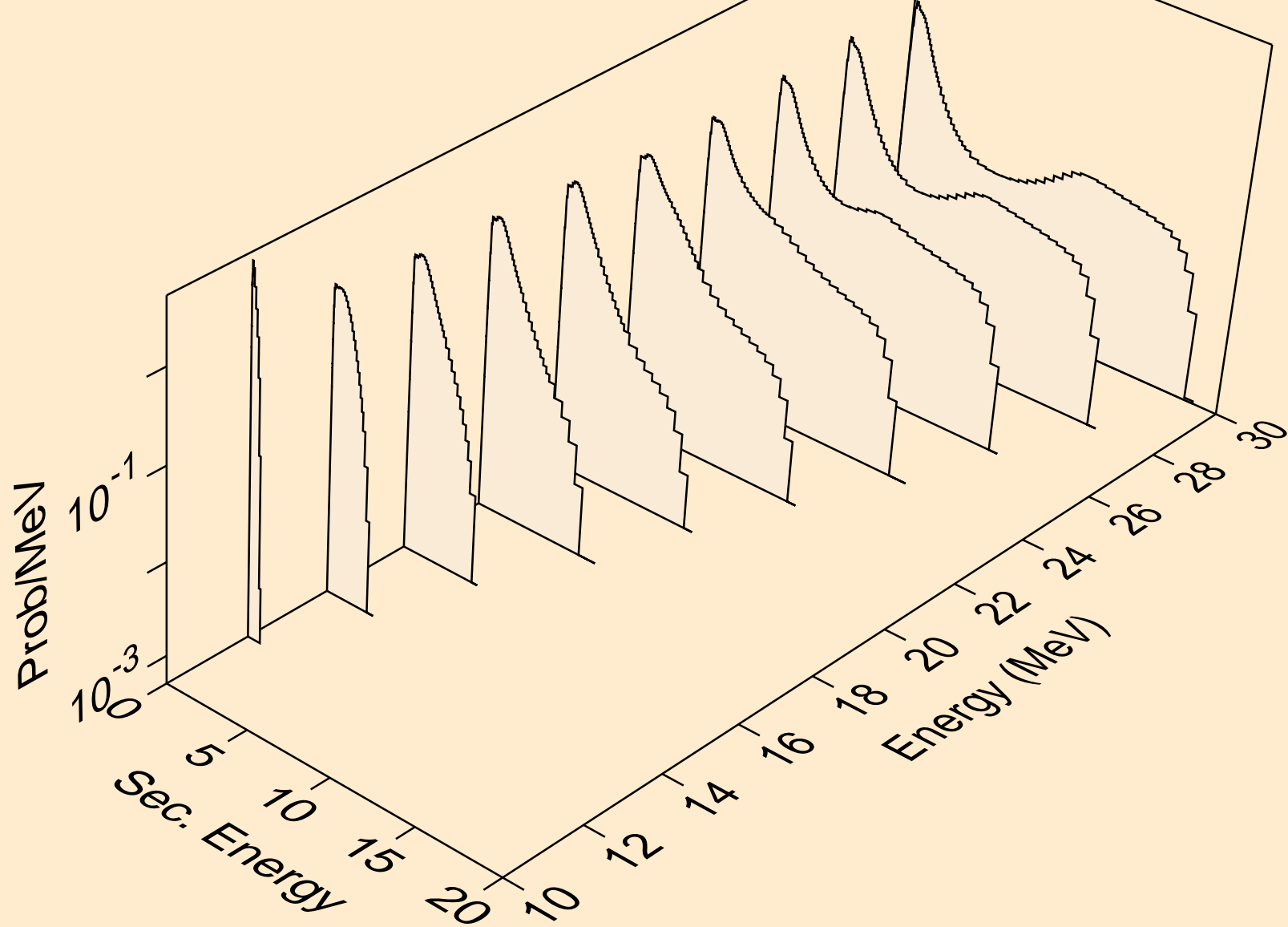
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

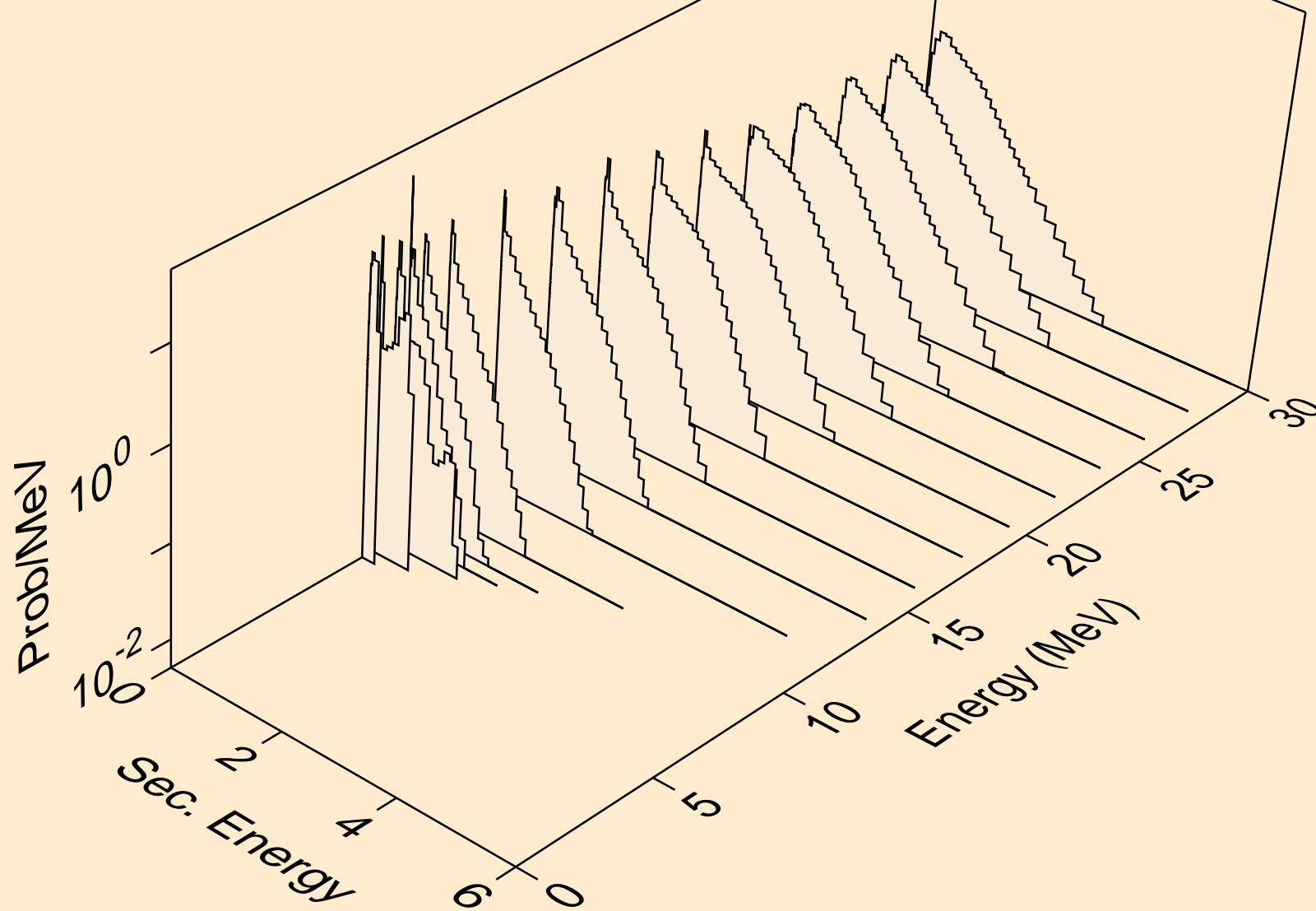


DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

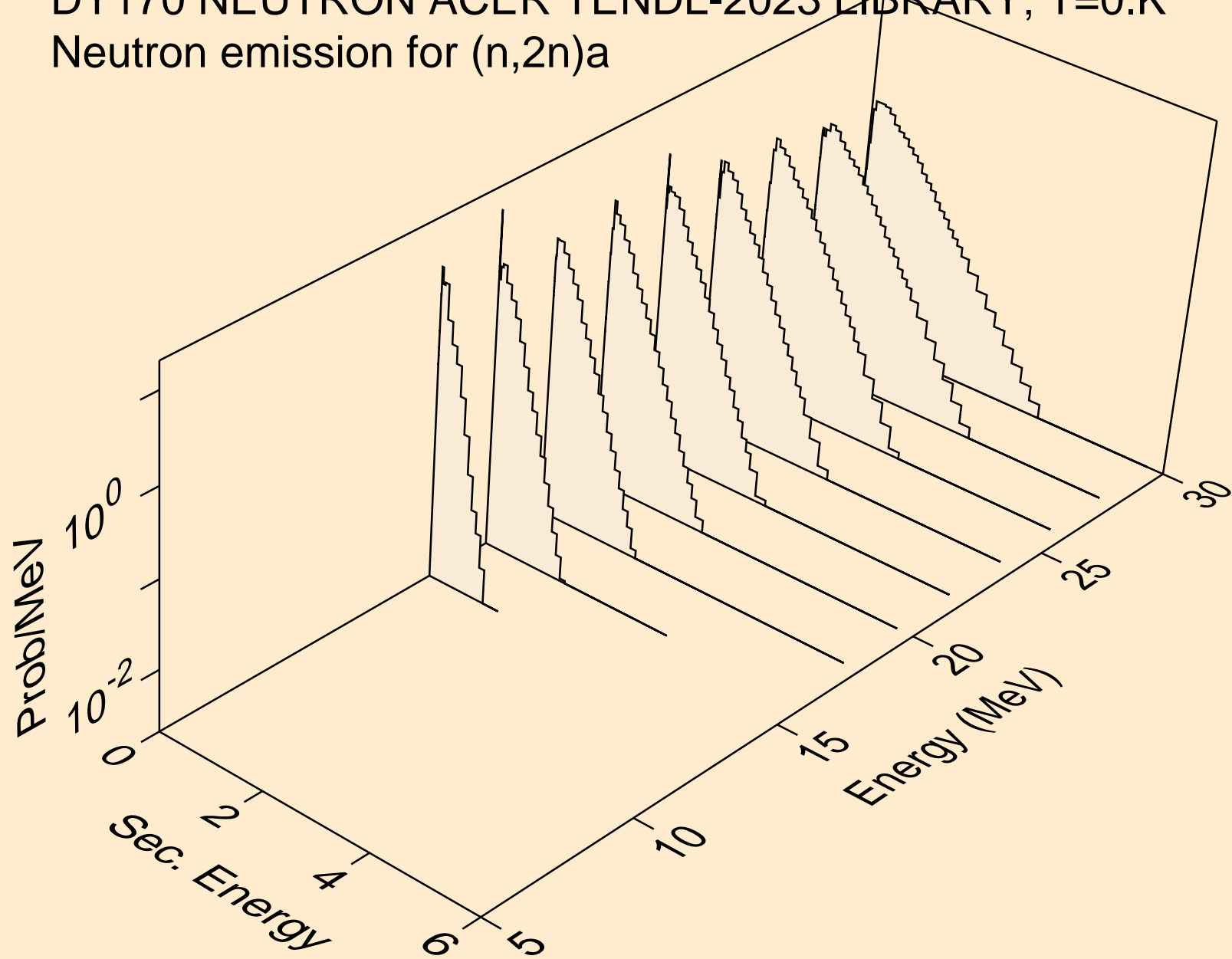




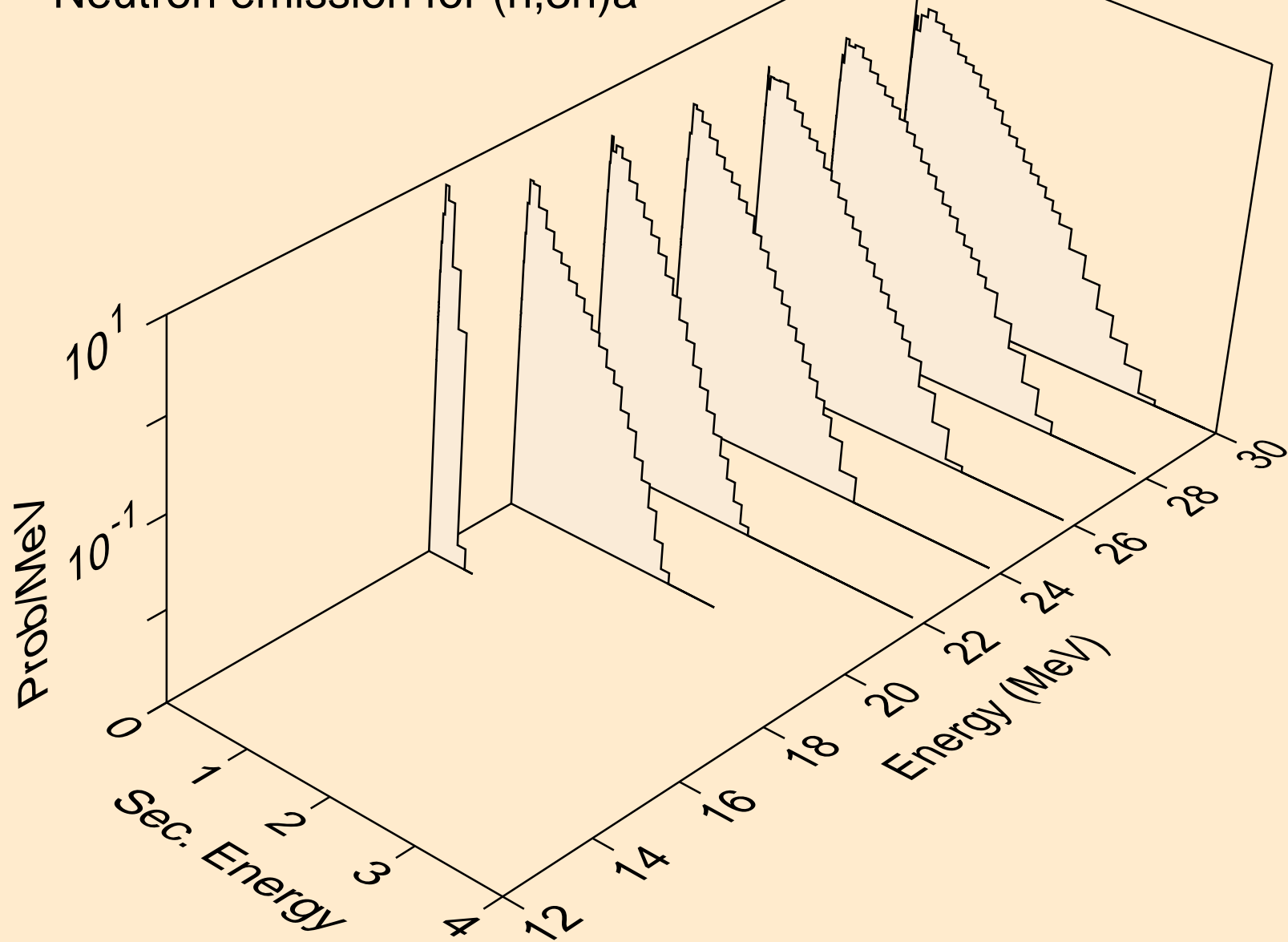
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



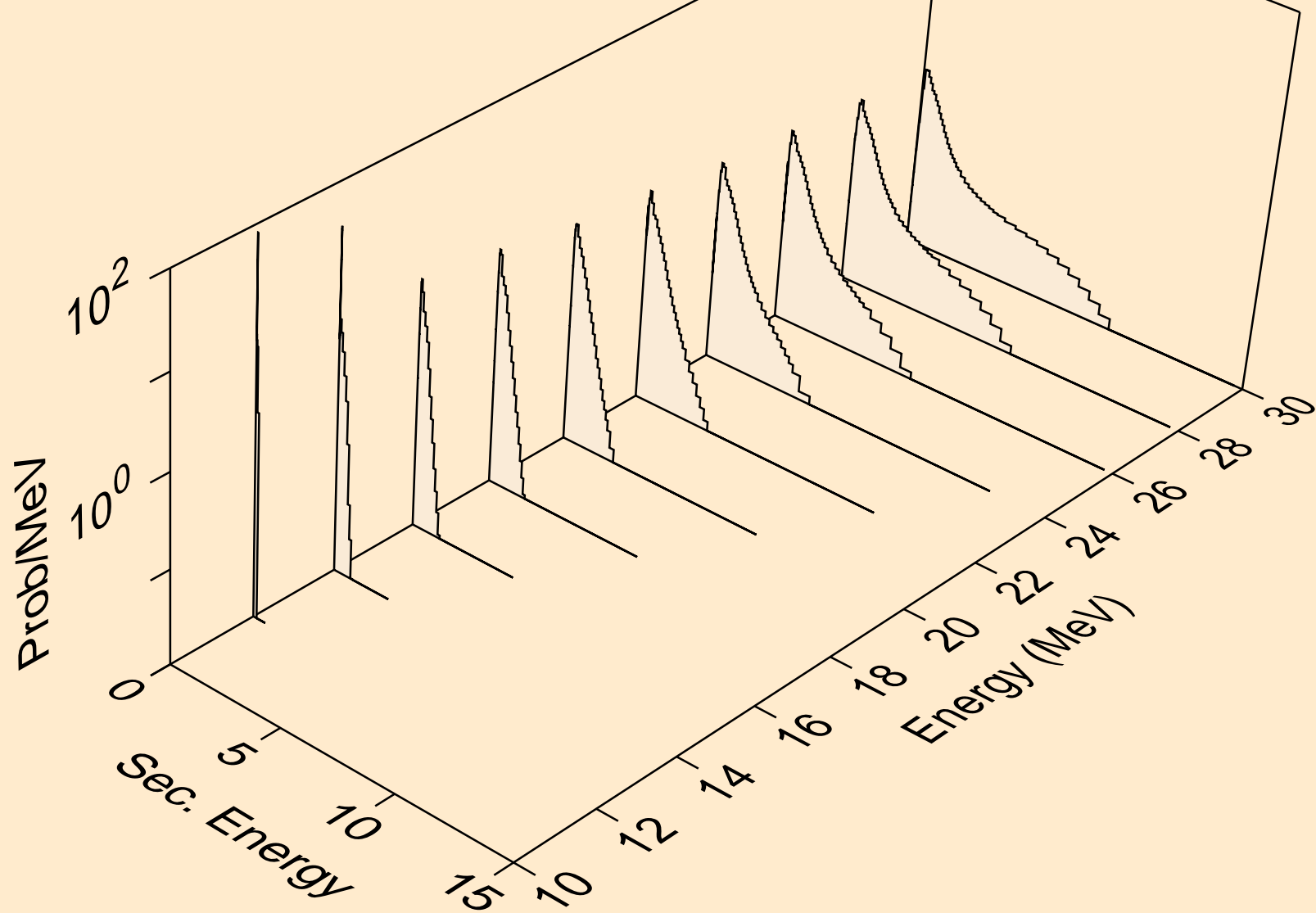
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



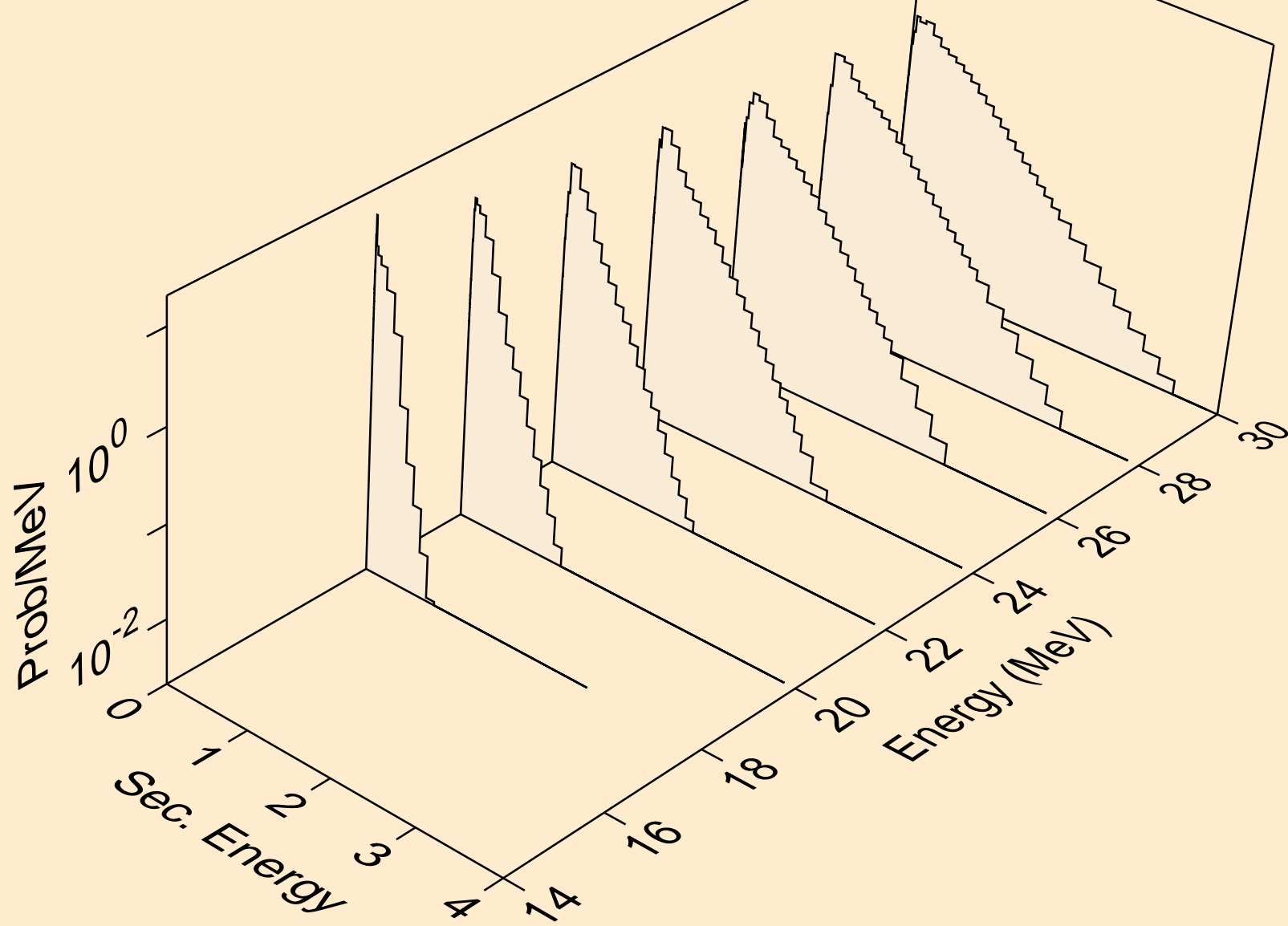
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



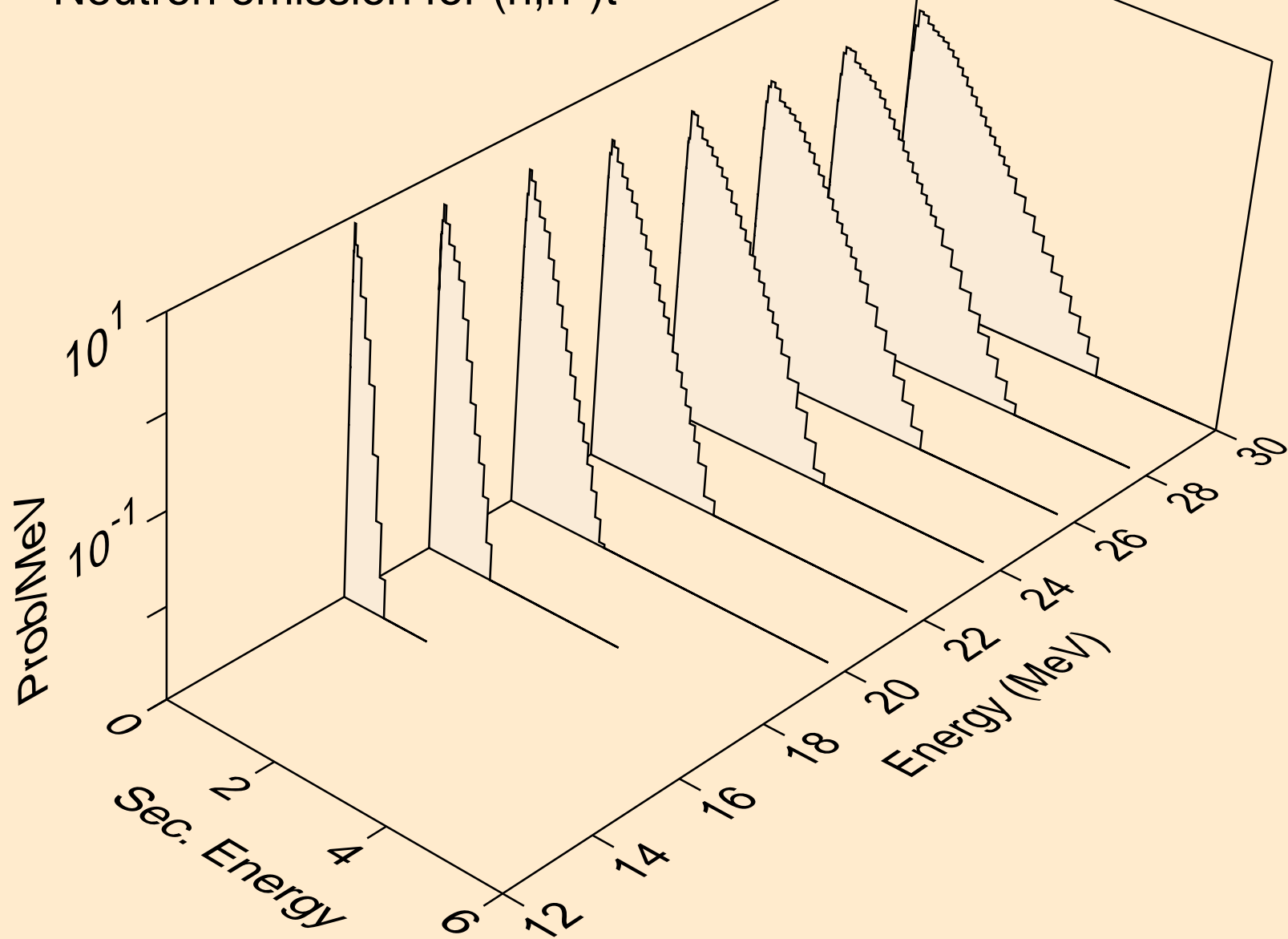
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



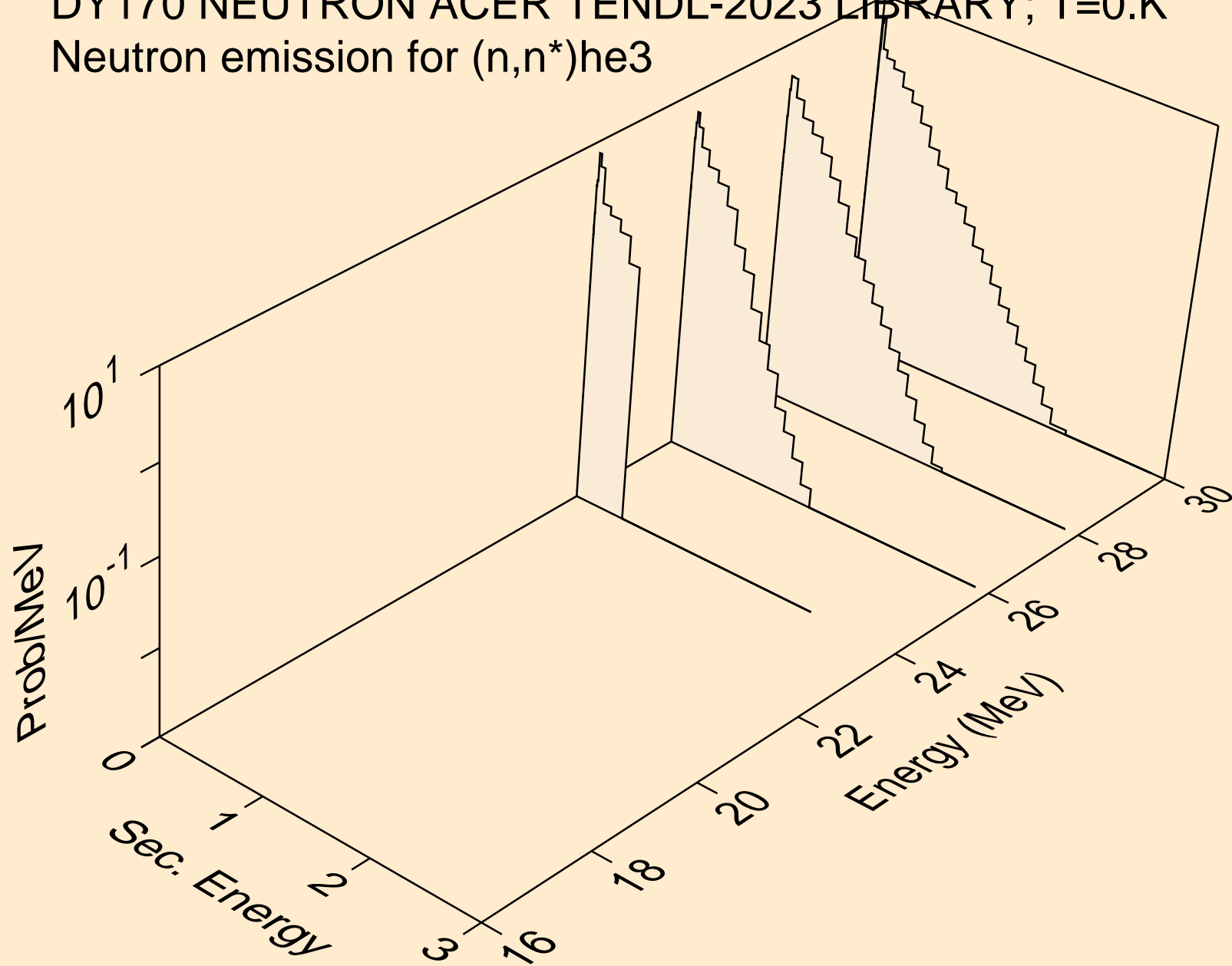
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



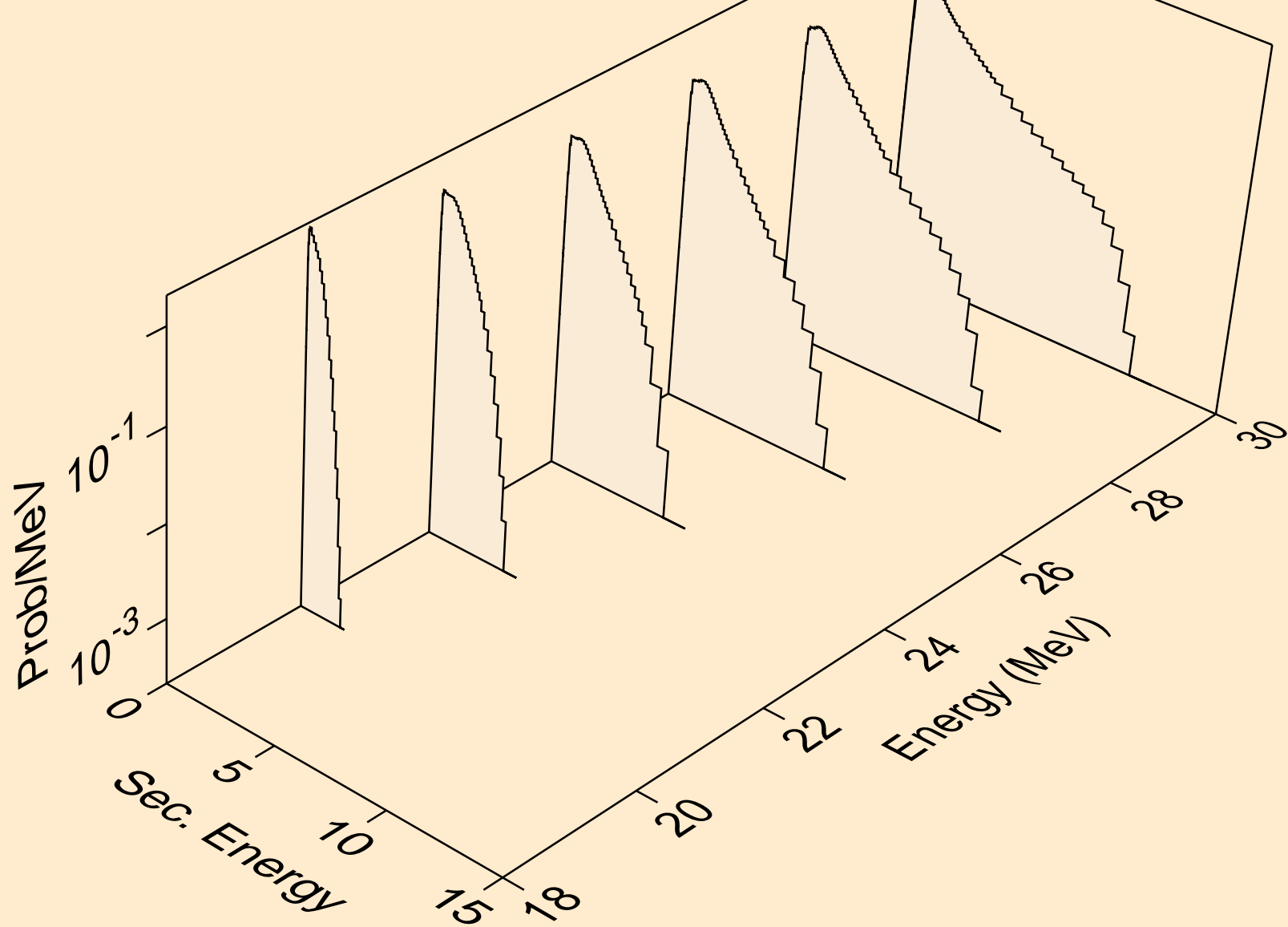
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

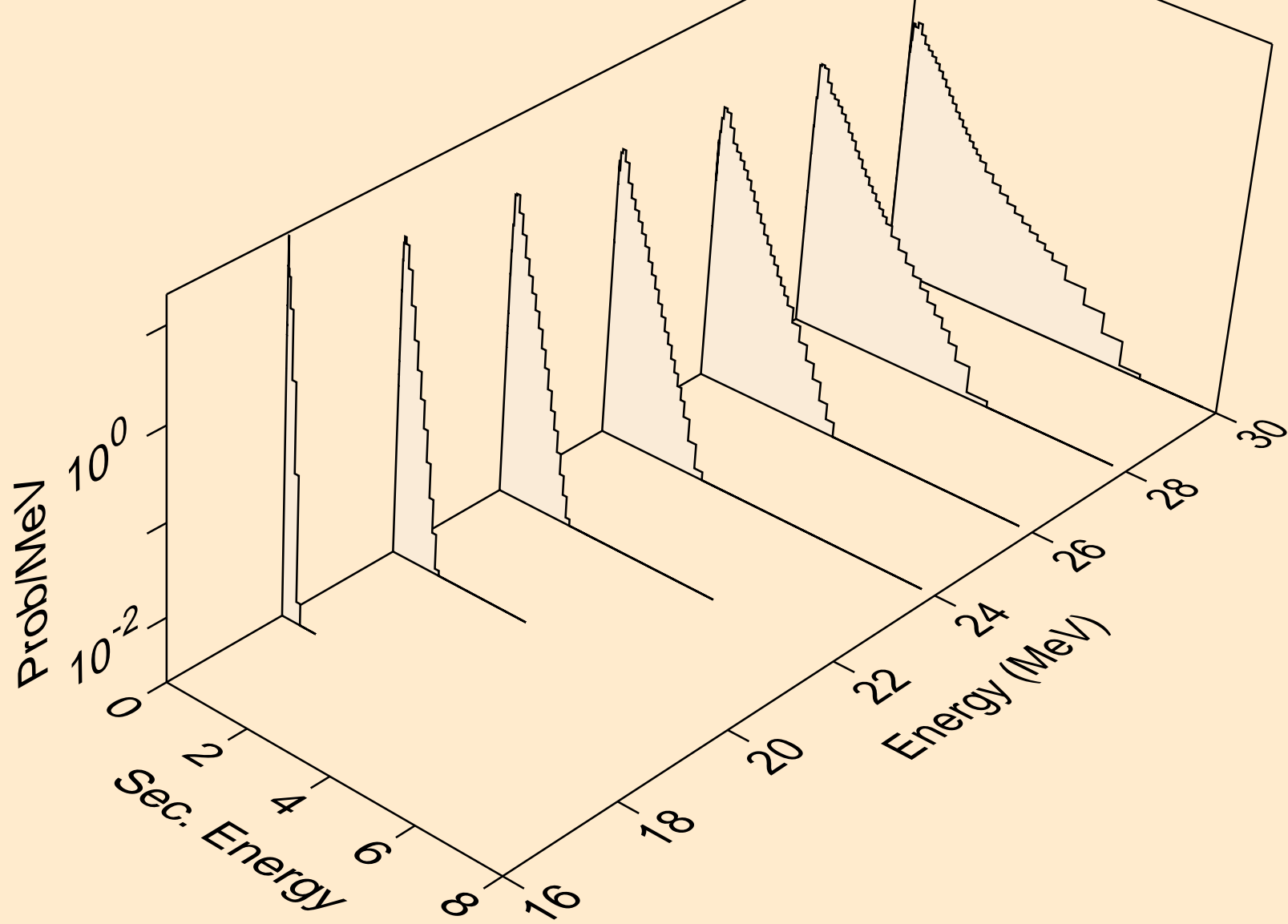


DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)

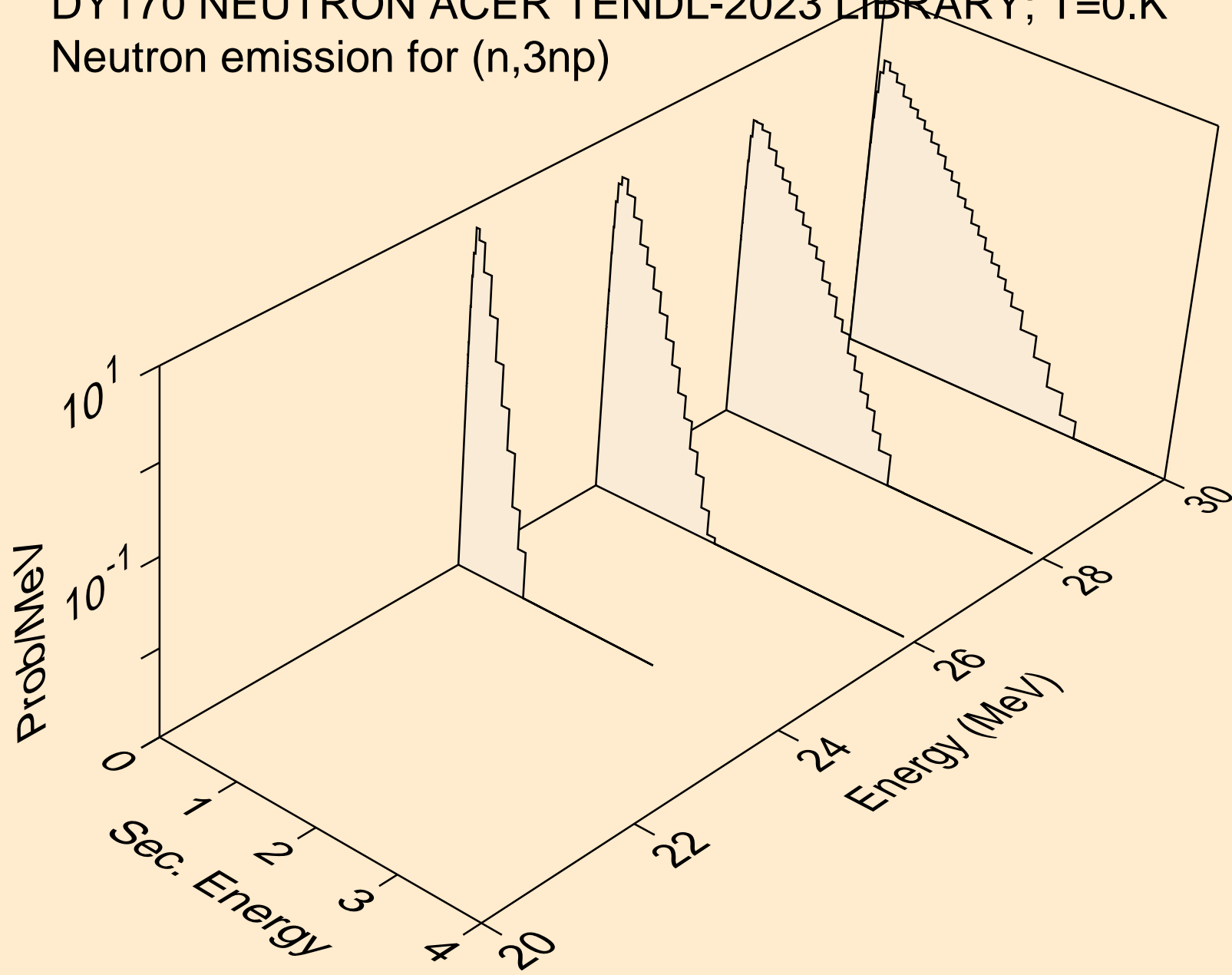




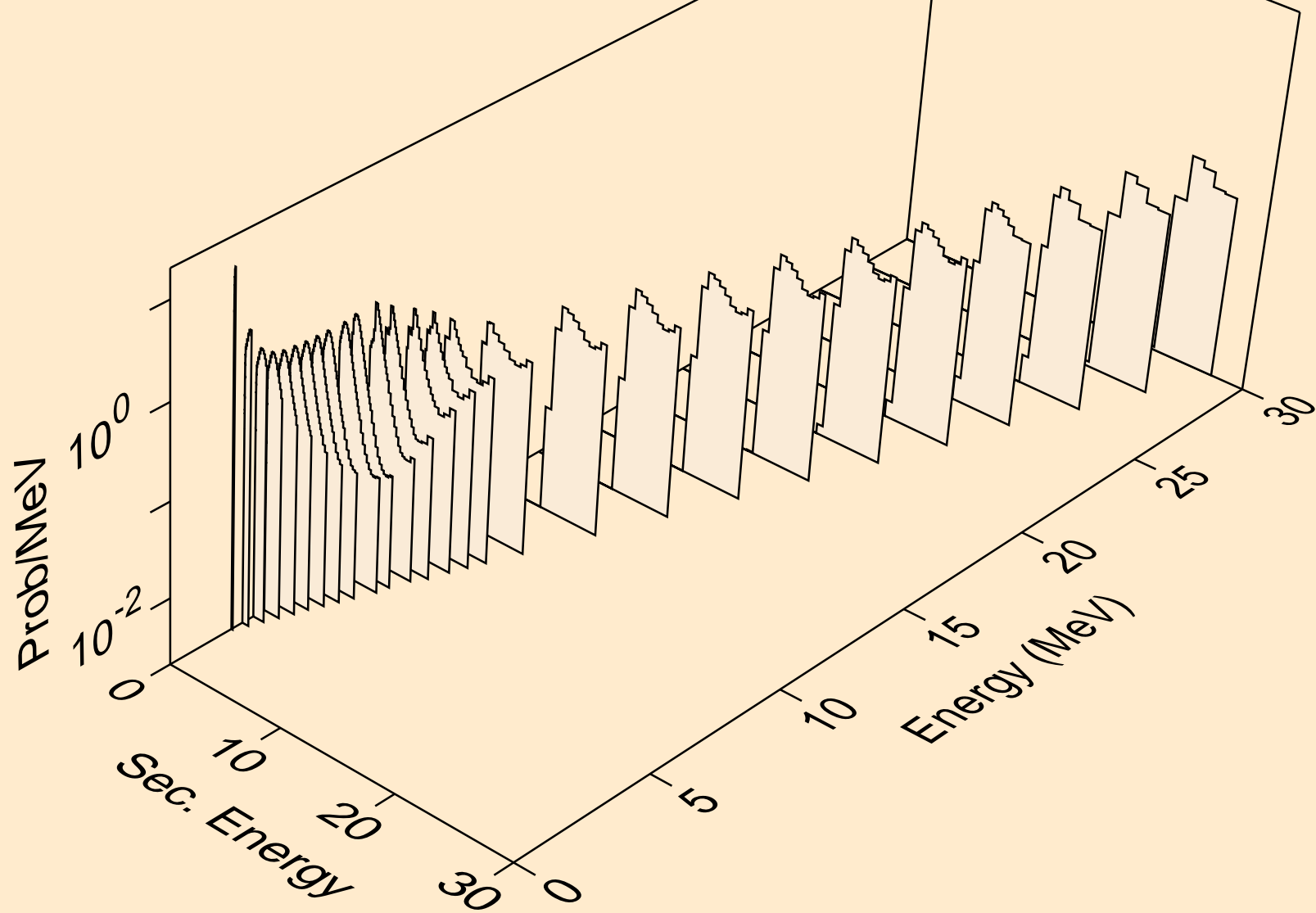
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



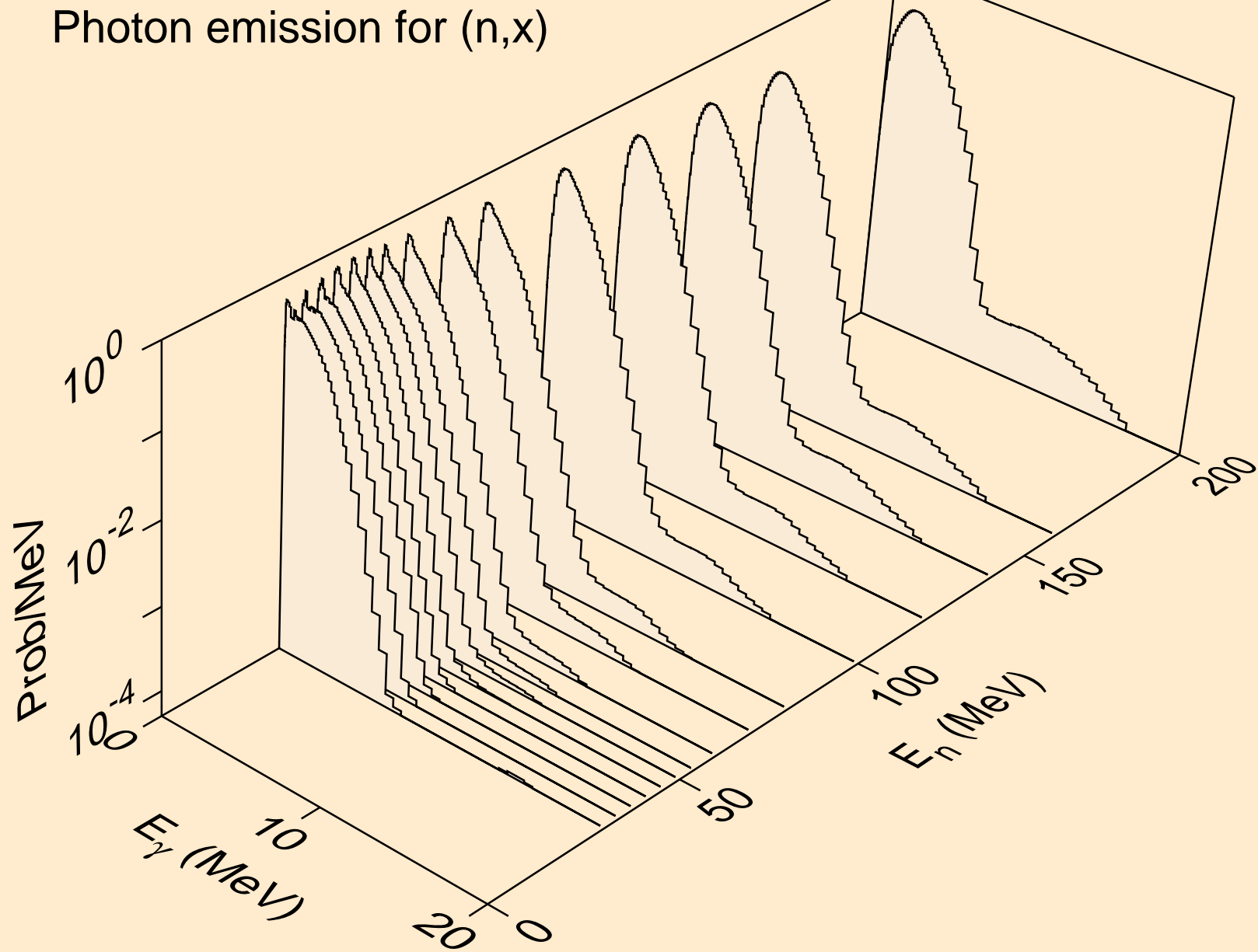
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



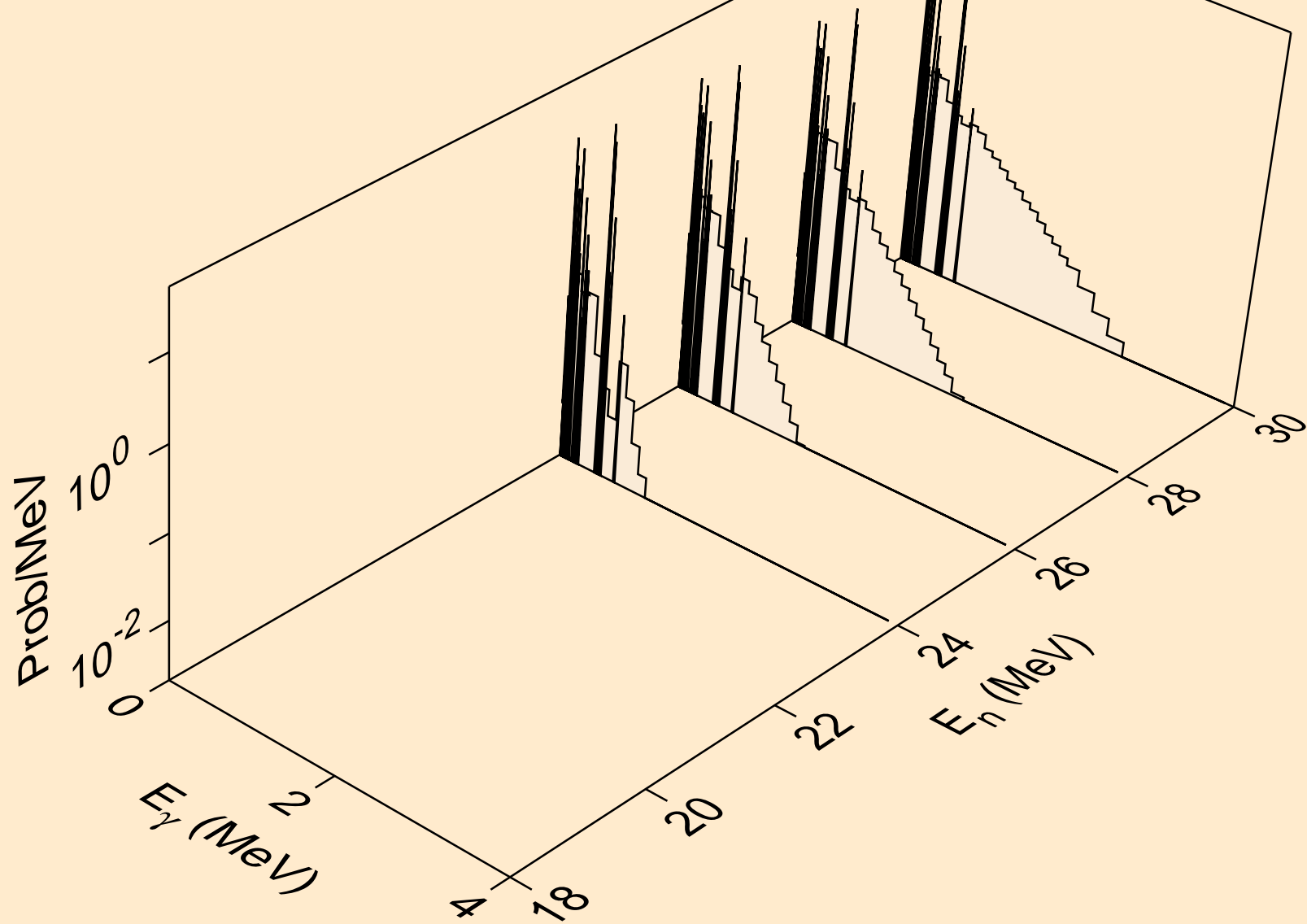
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



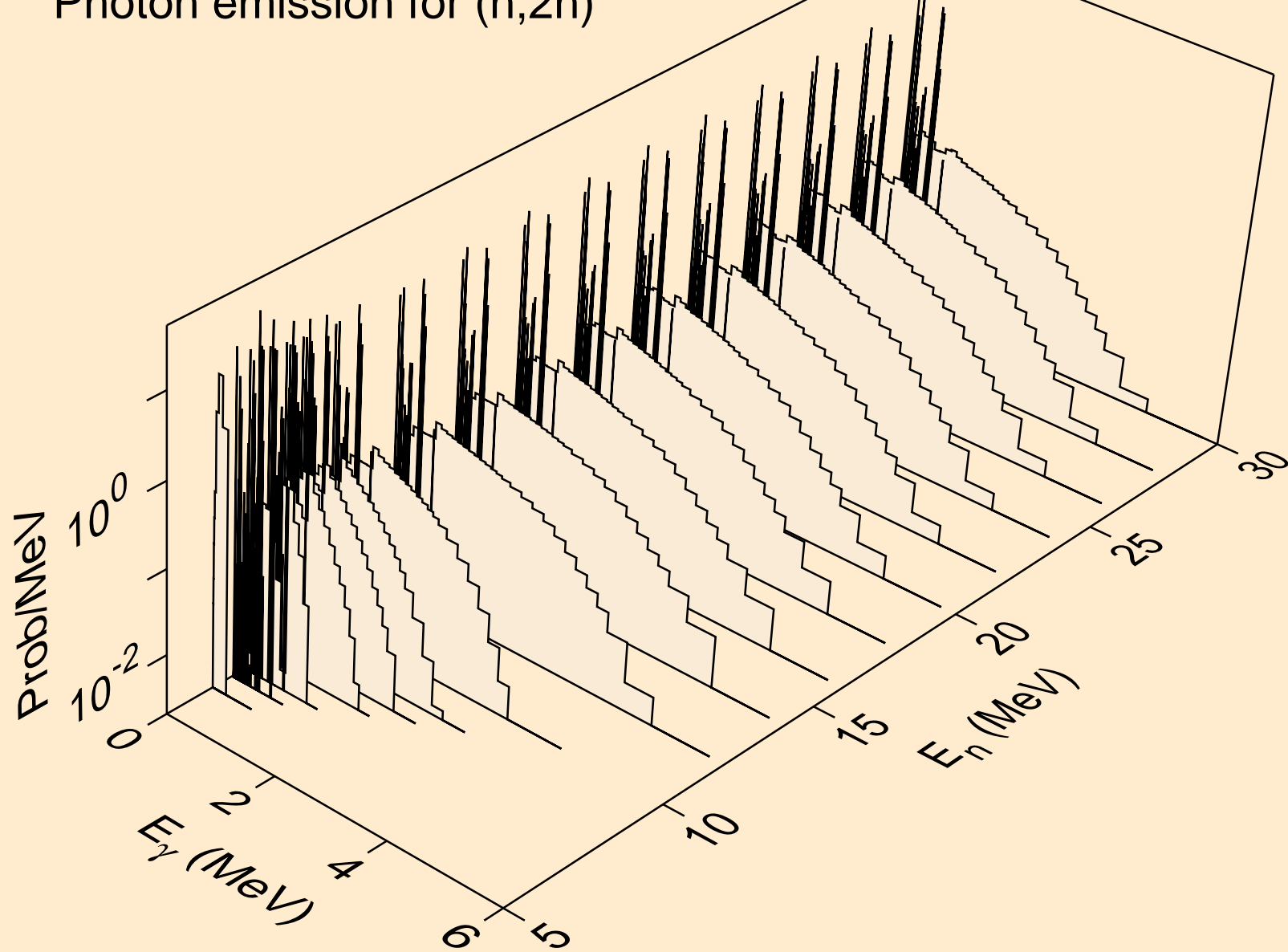
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



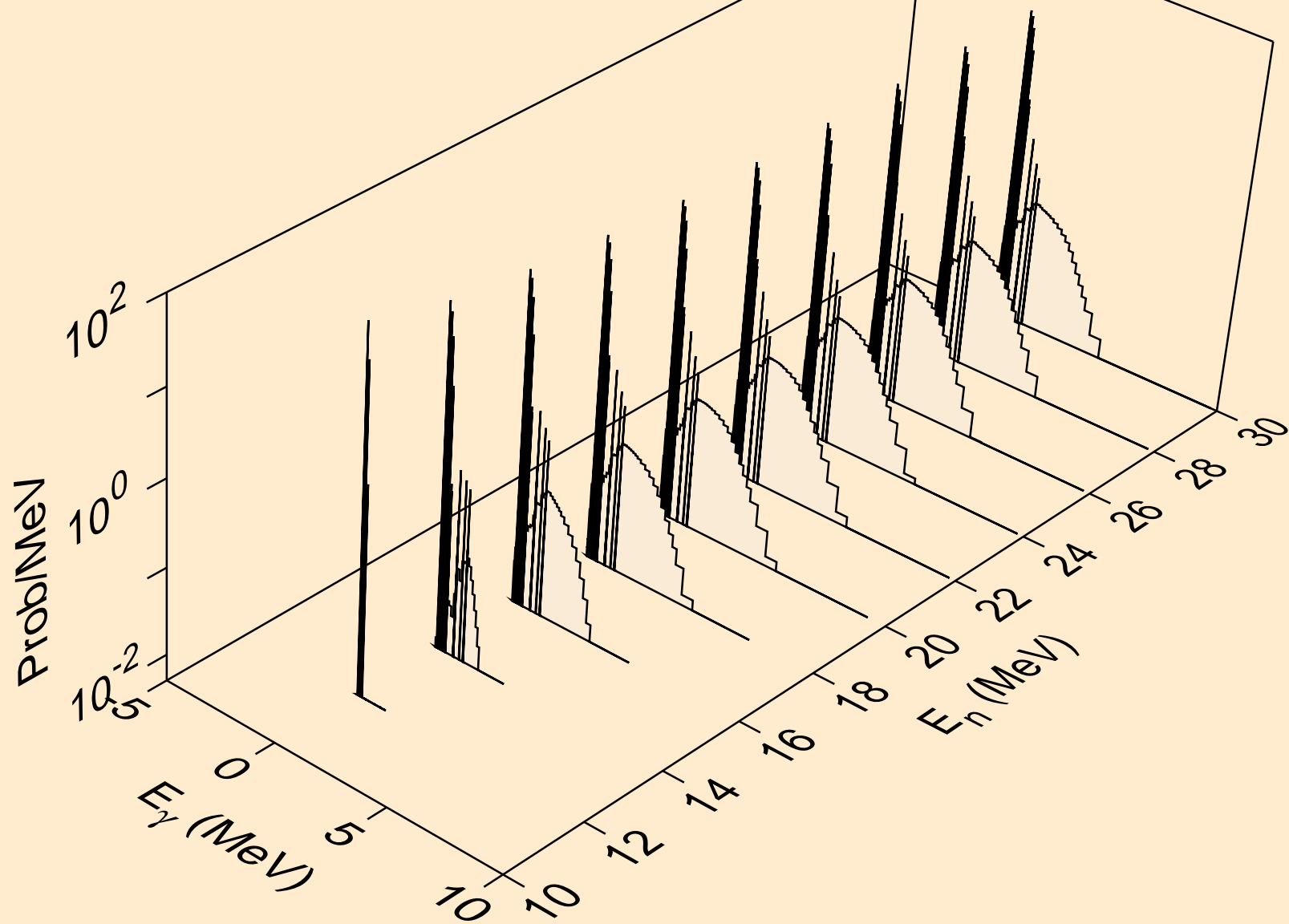
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



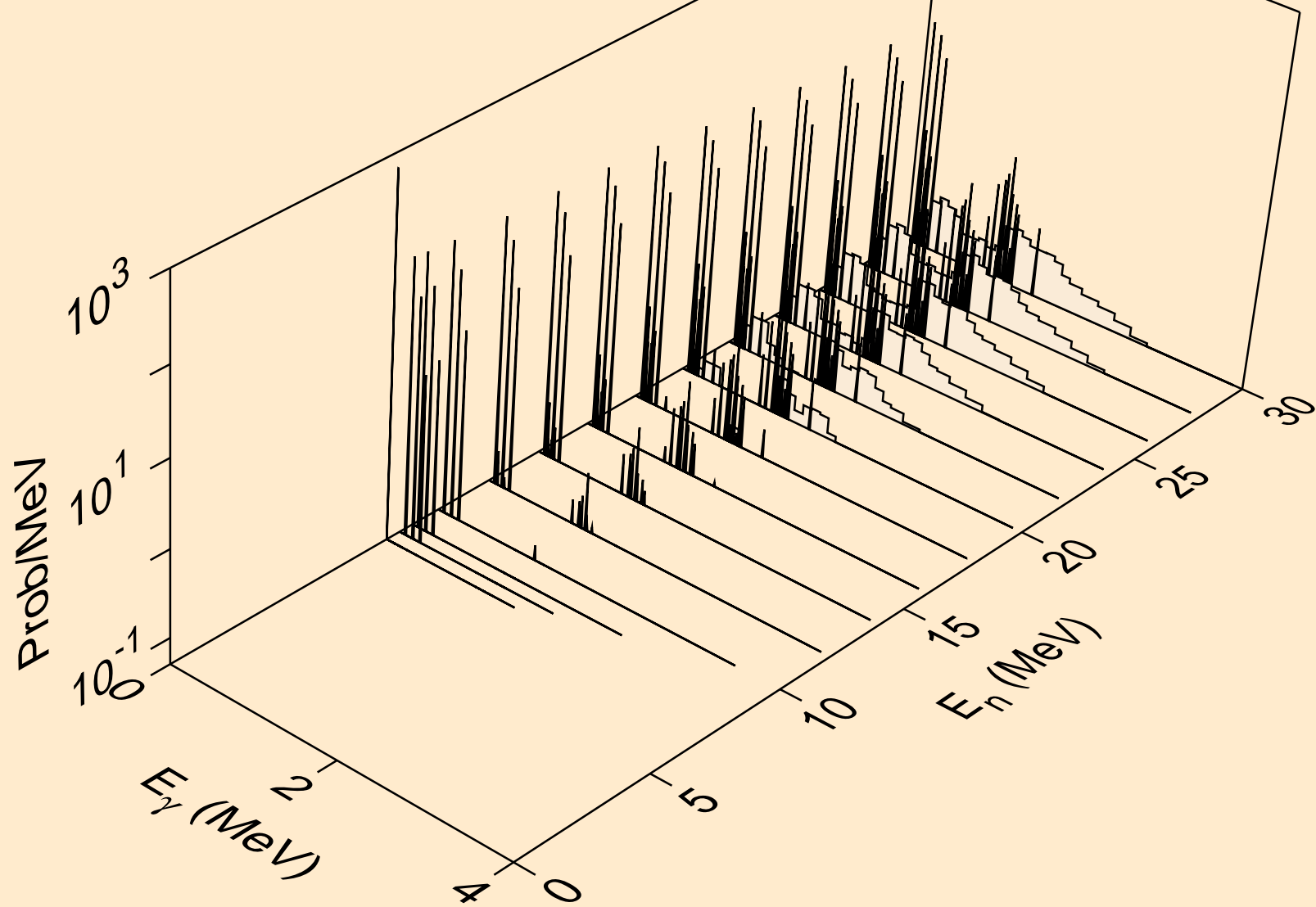
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

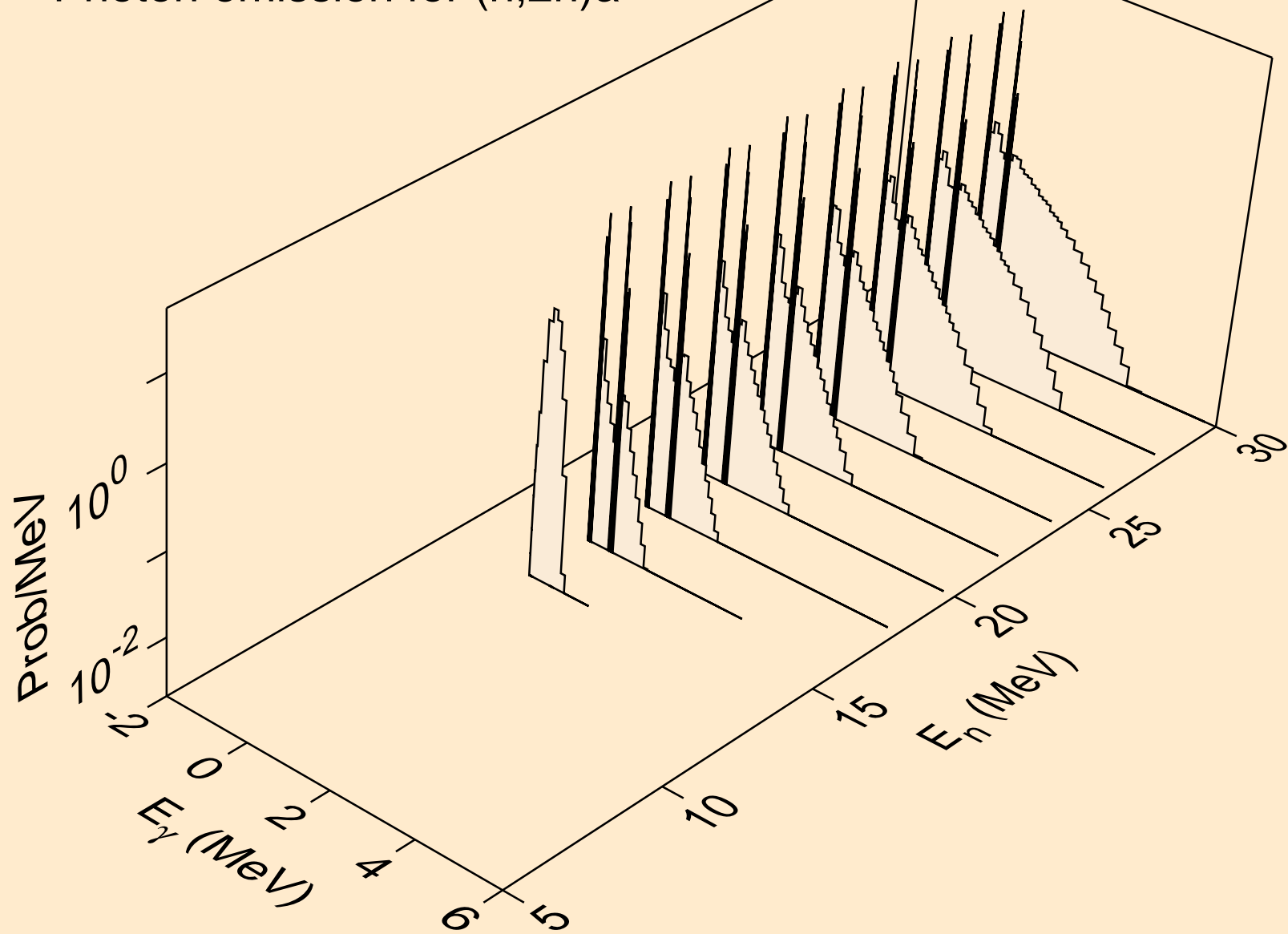


DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

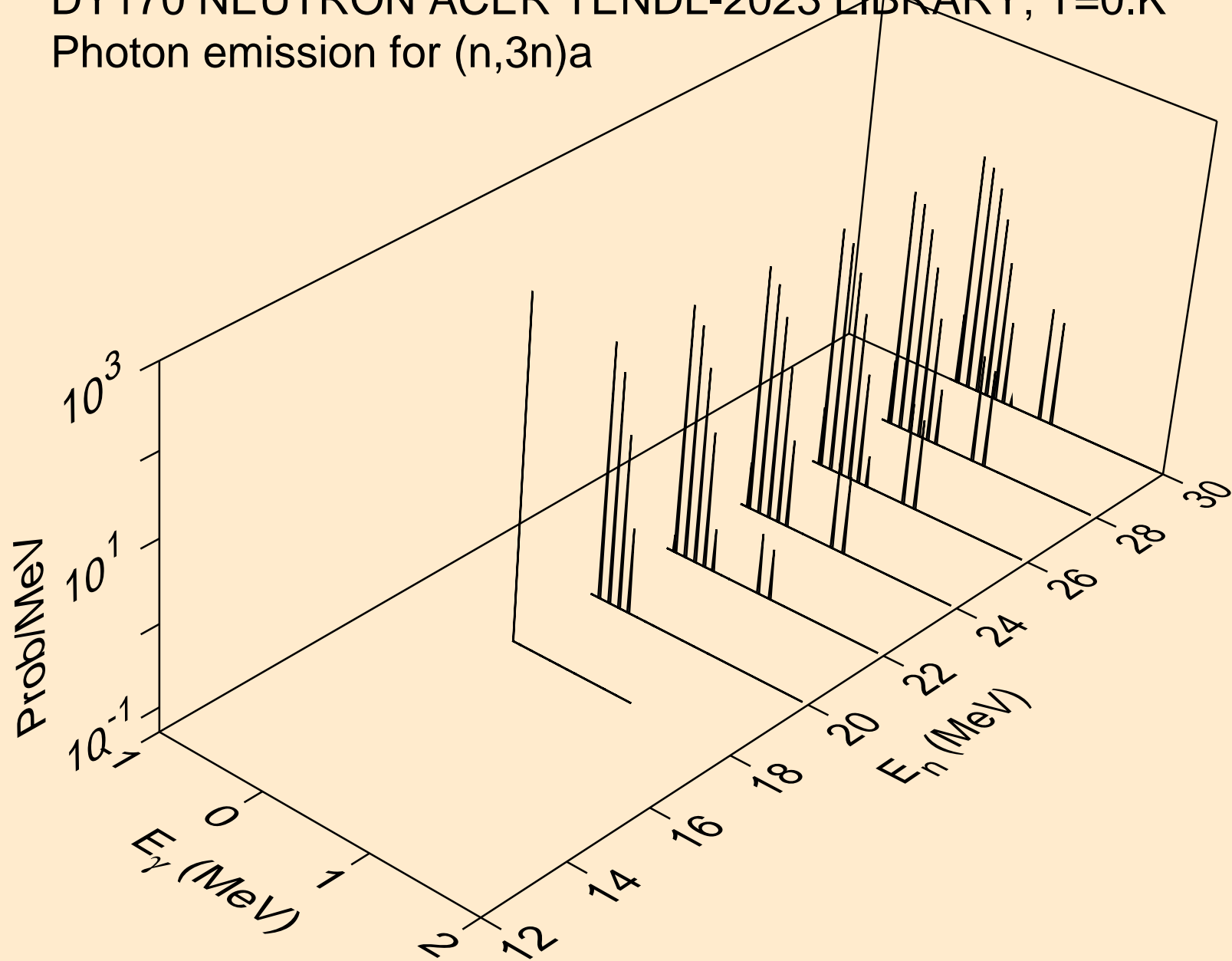




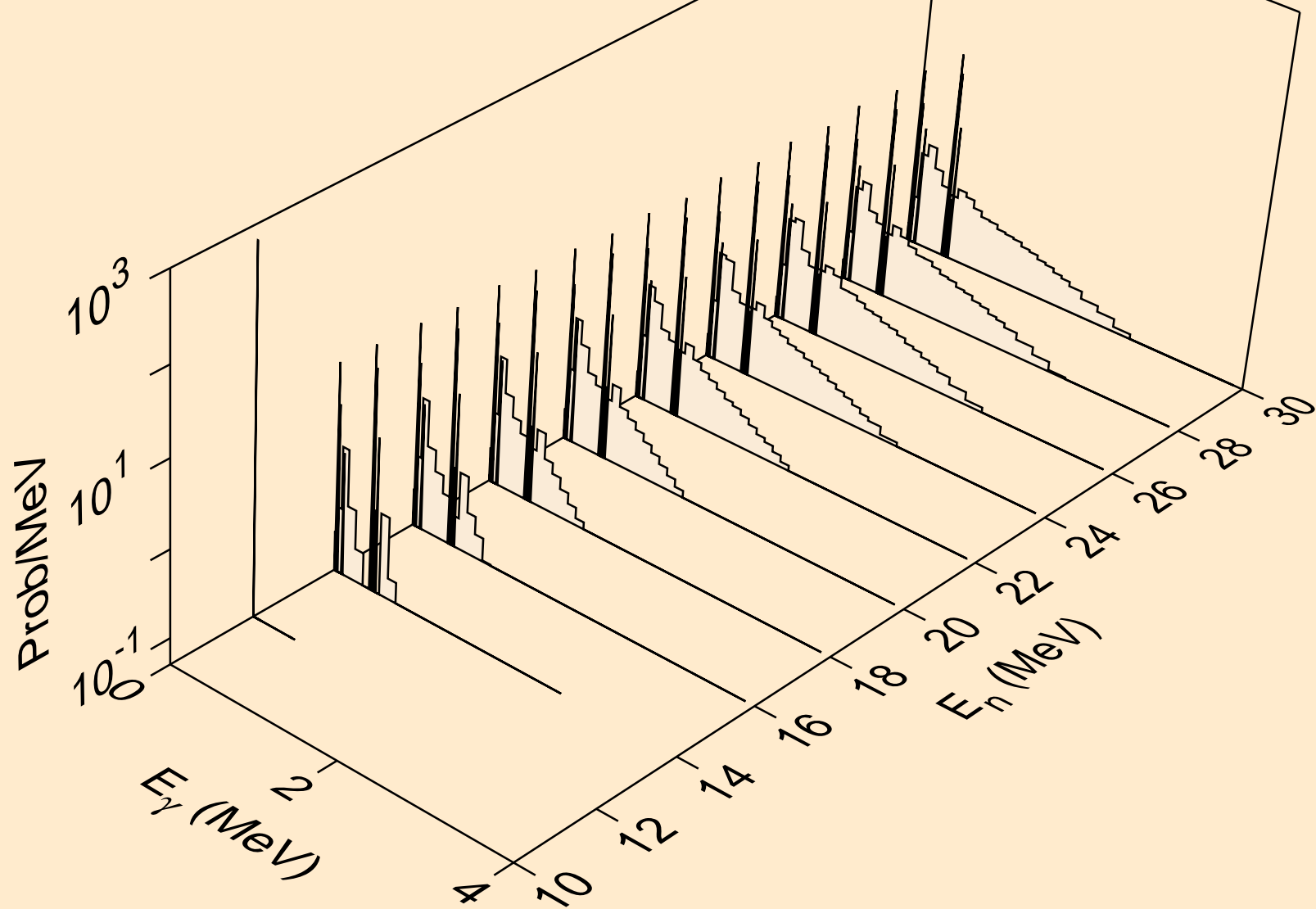
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



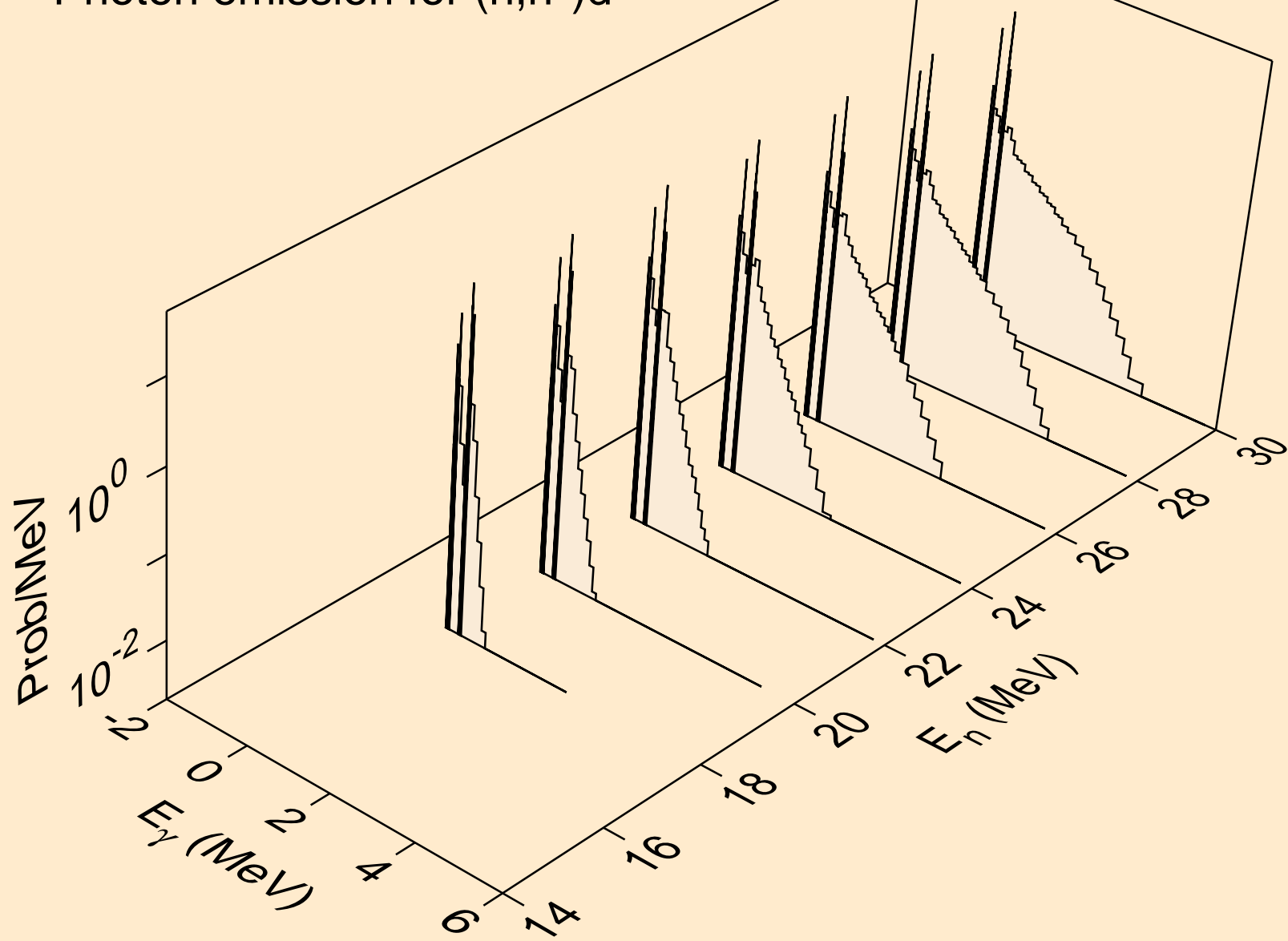
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



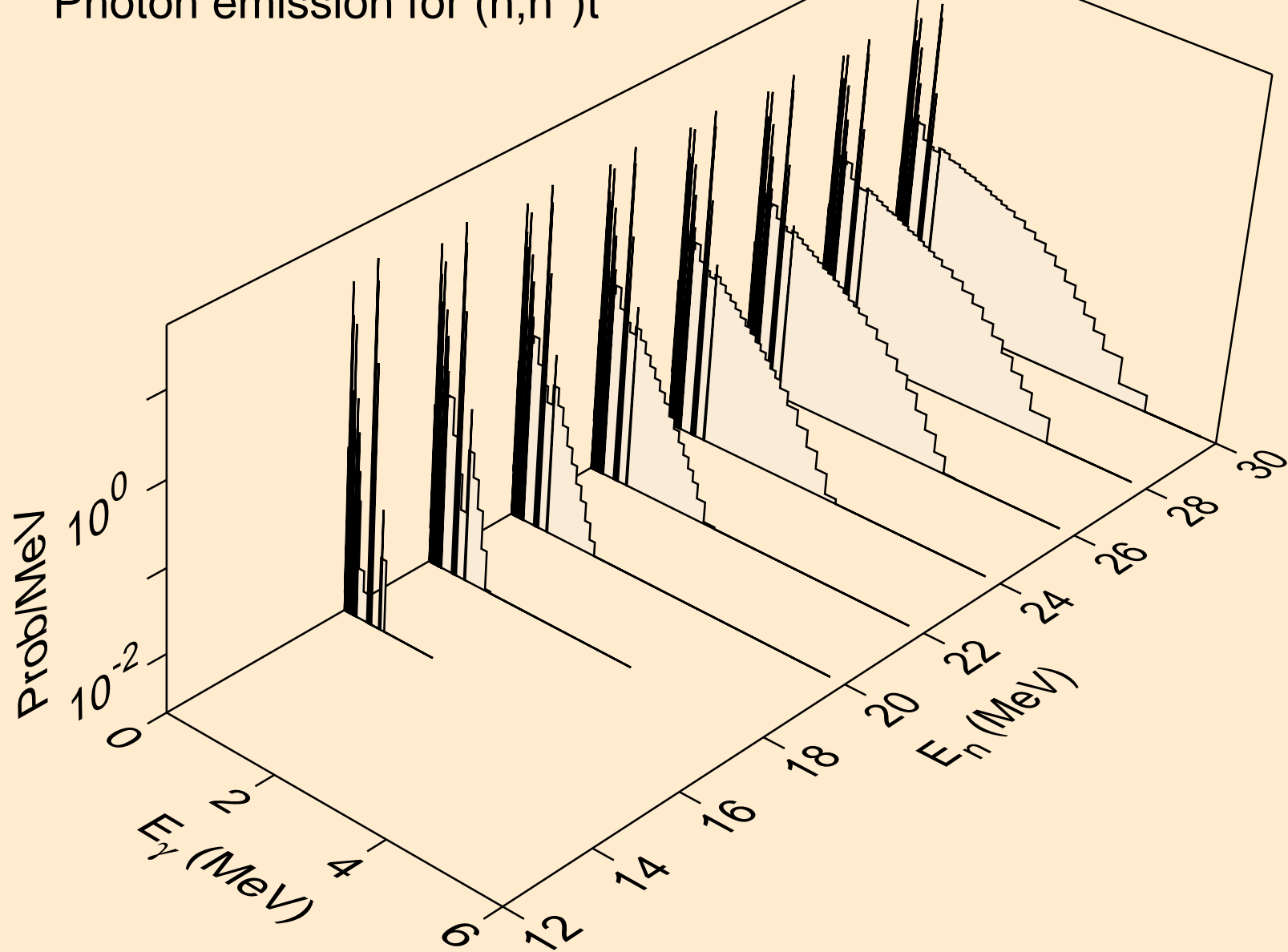
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



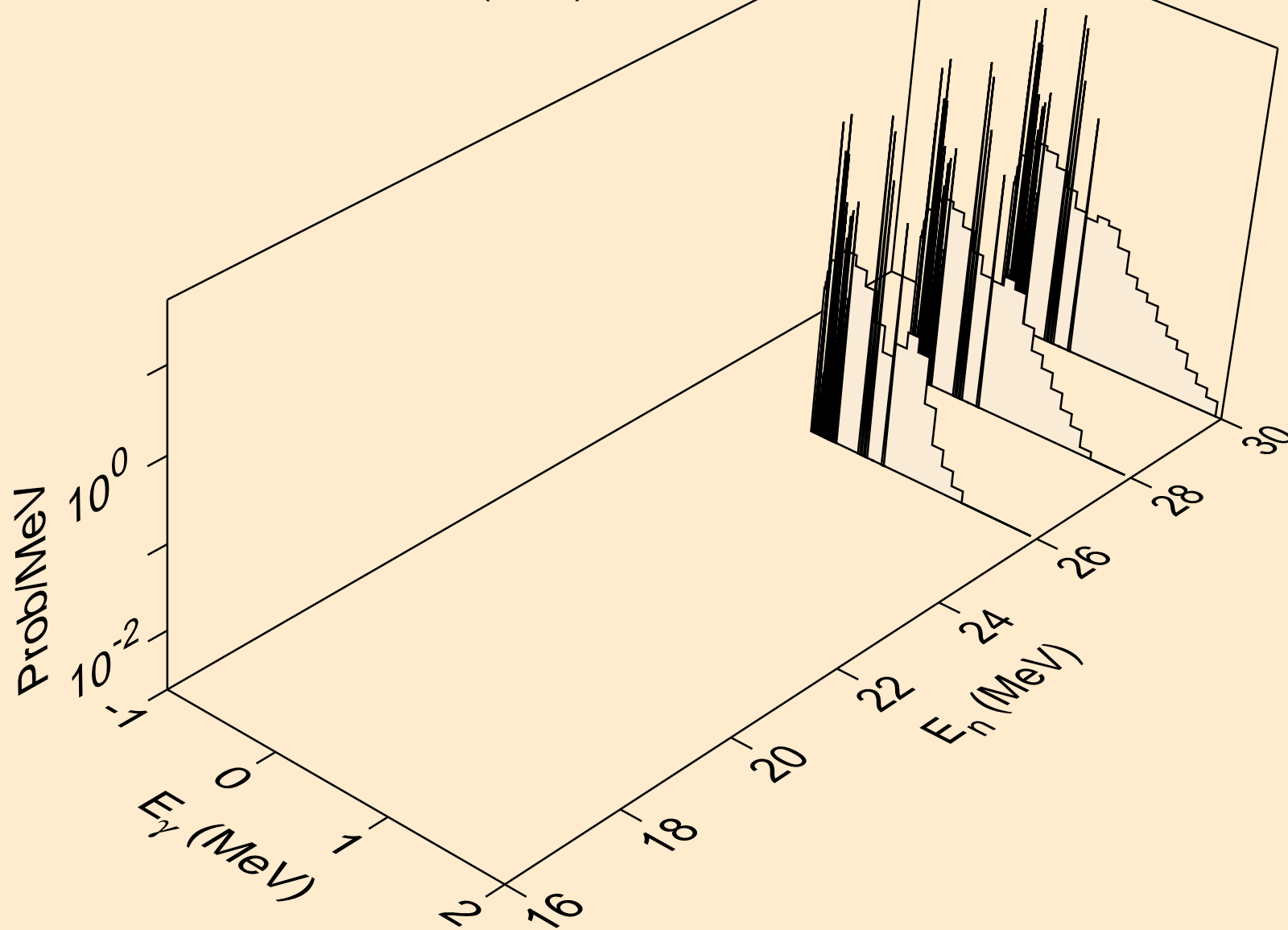
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



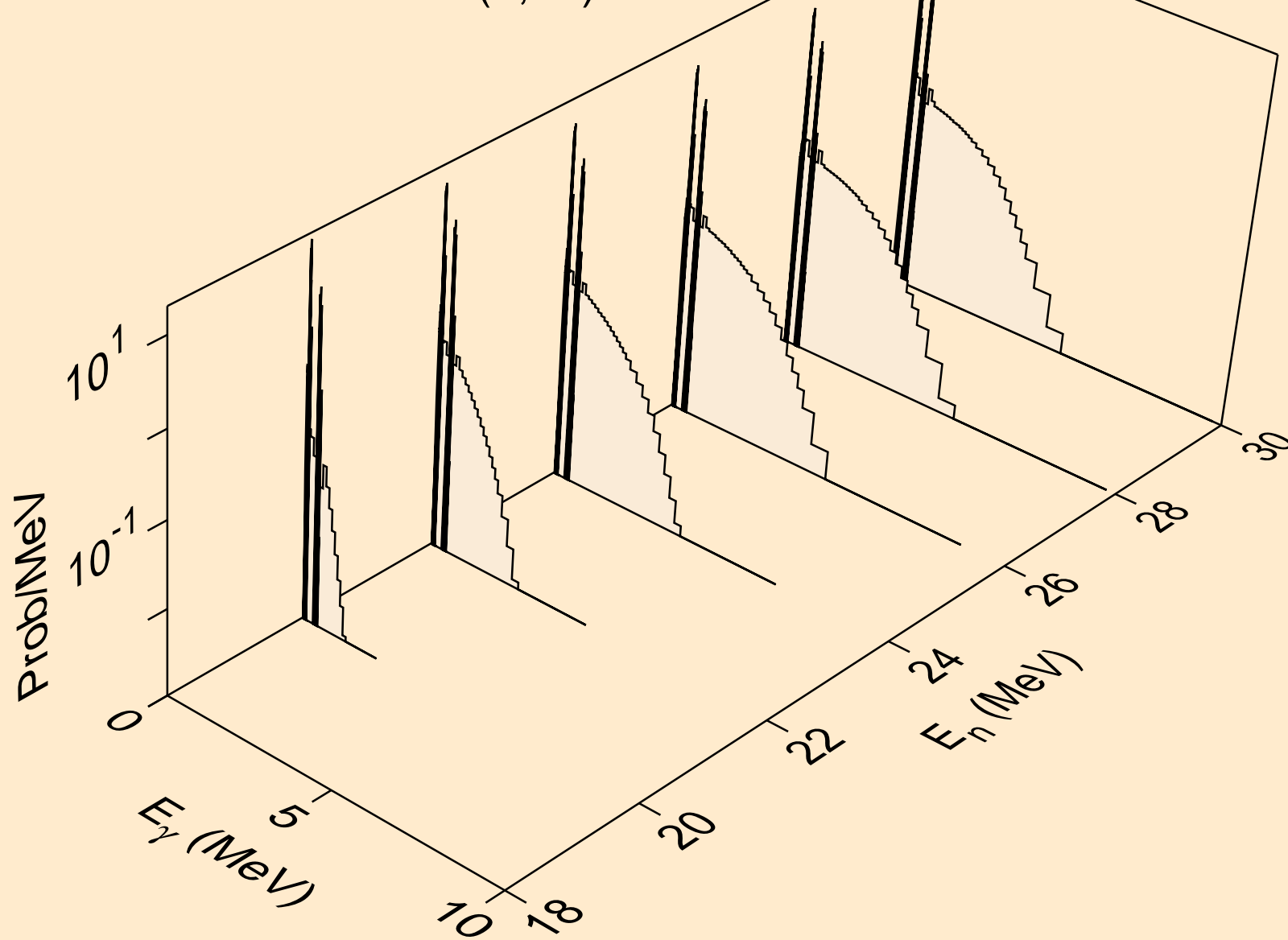
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



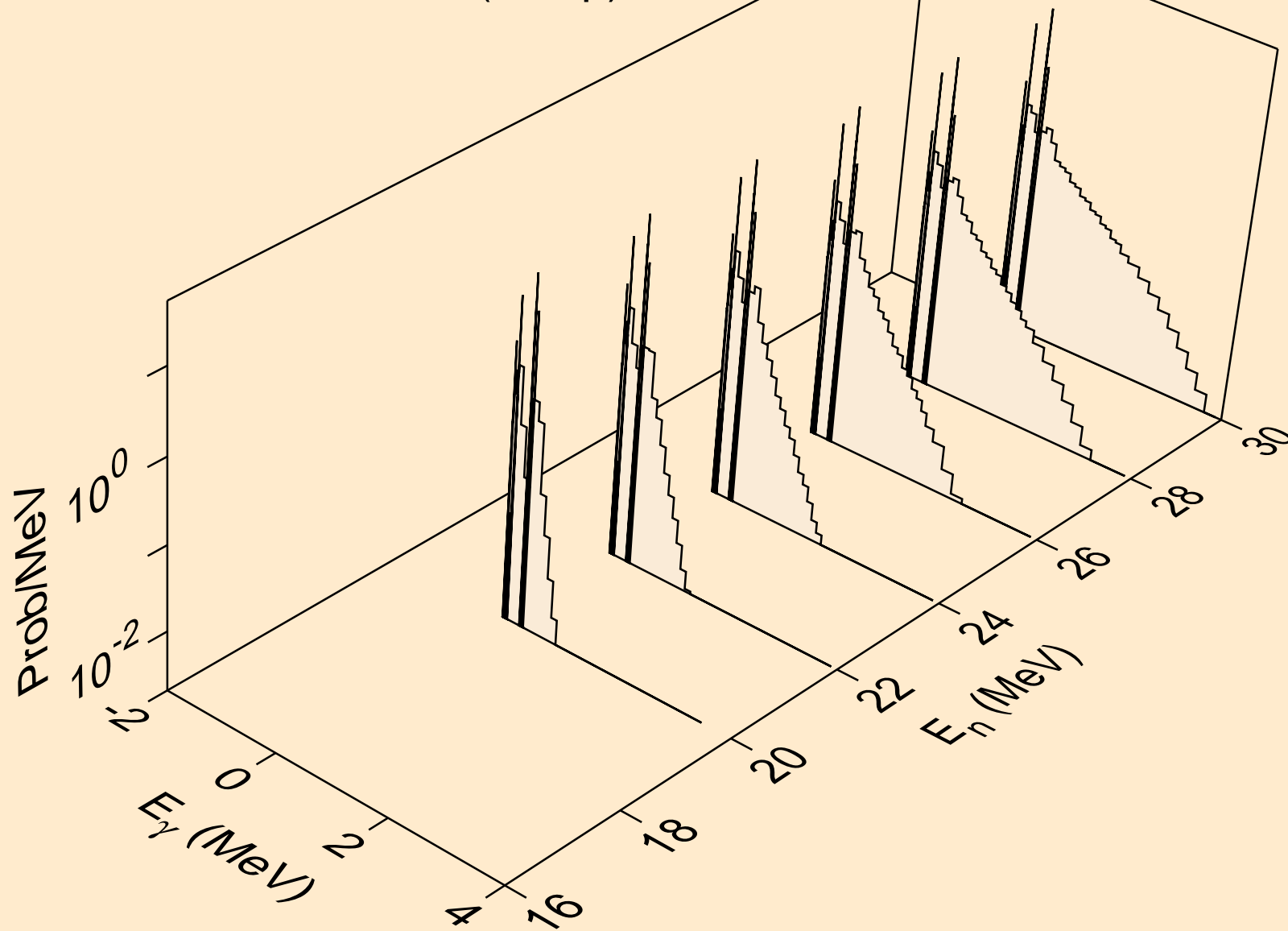
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

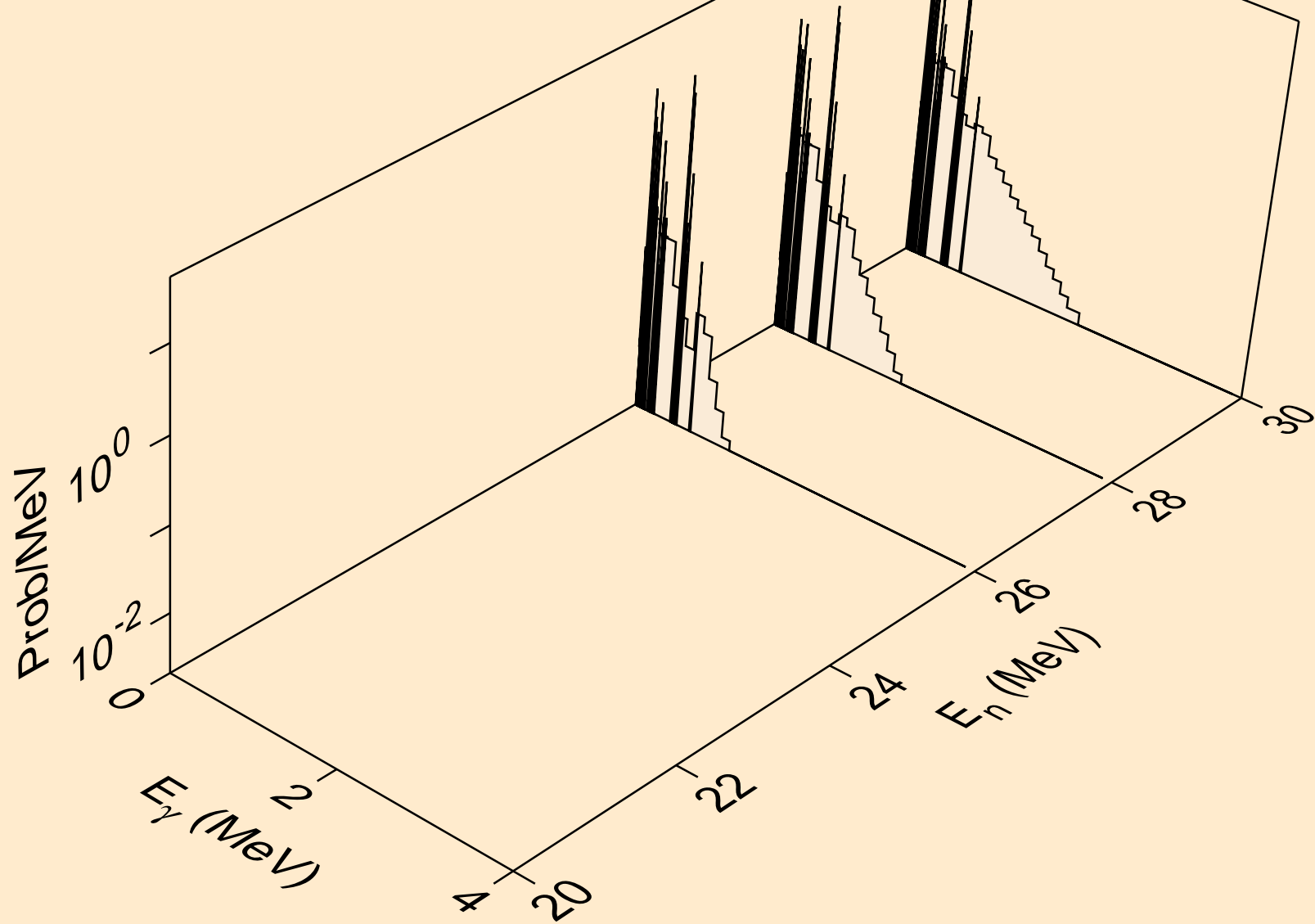


DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

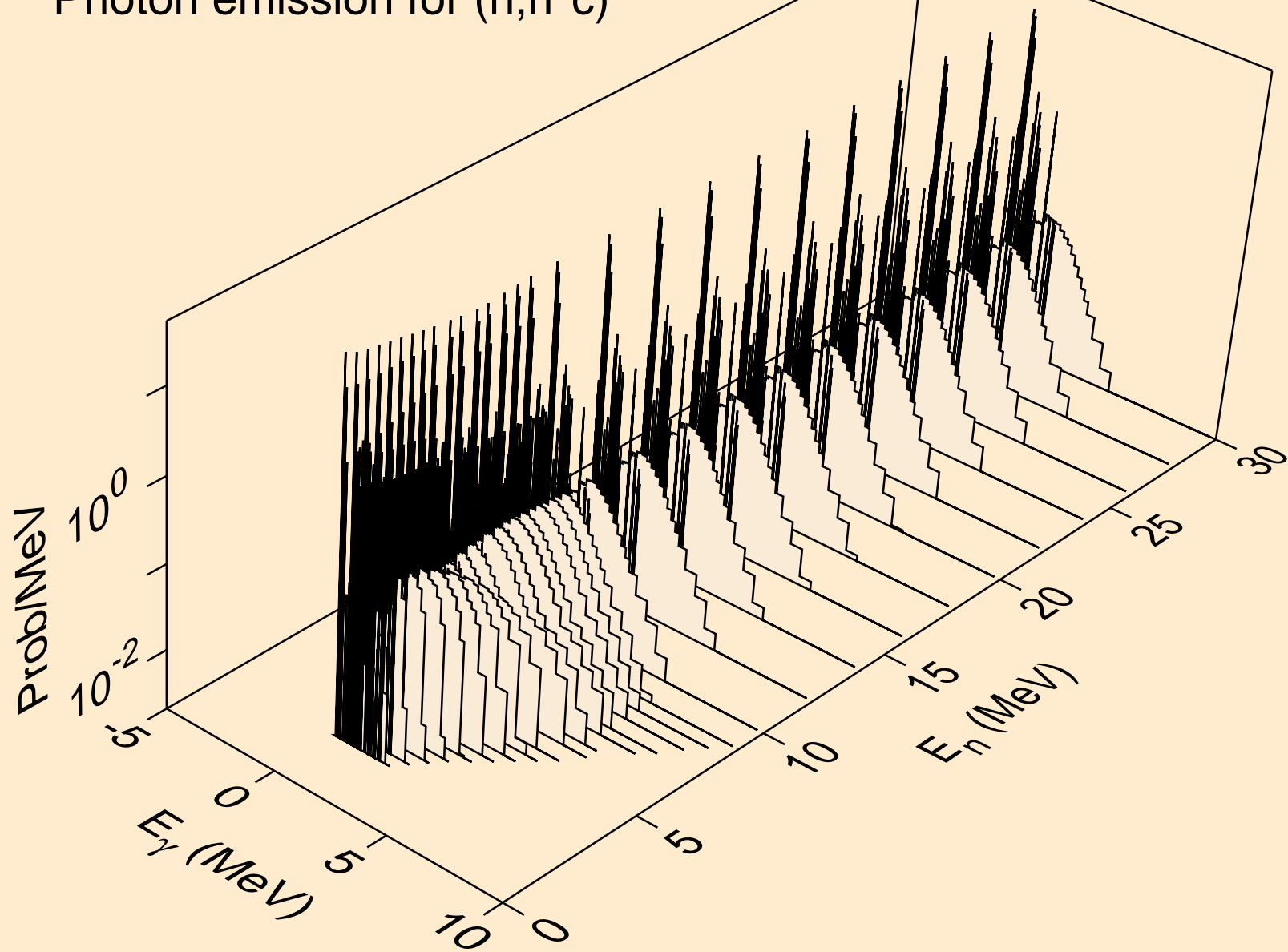




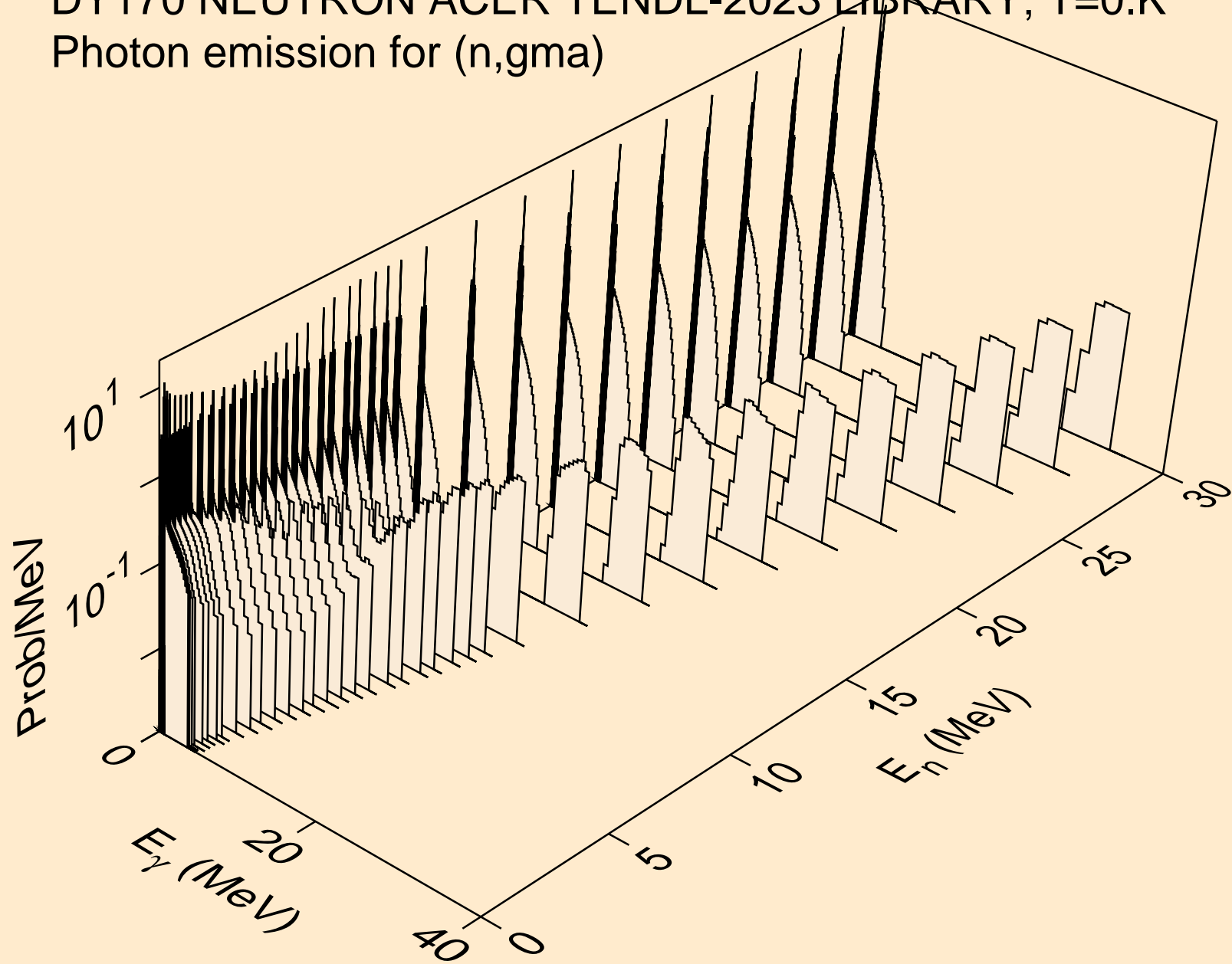
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Photon emission for (n,3np)



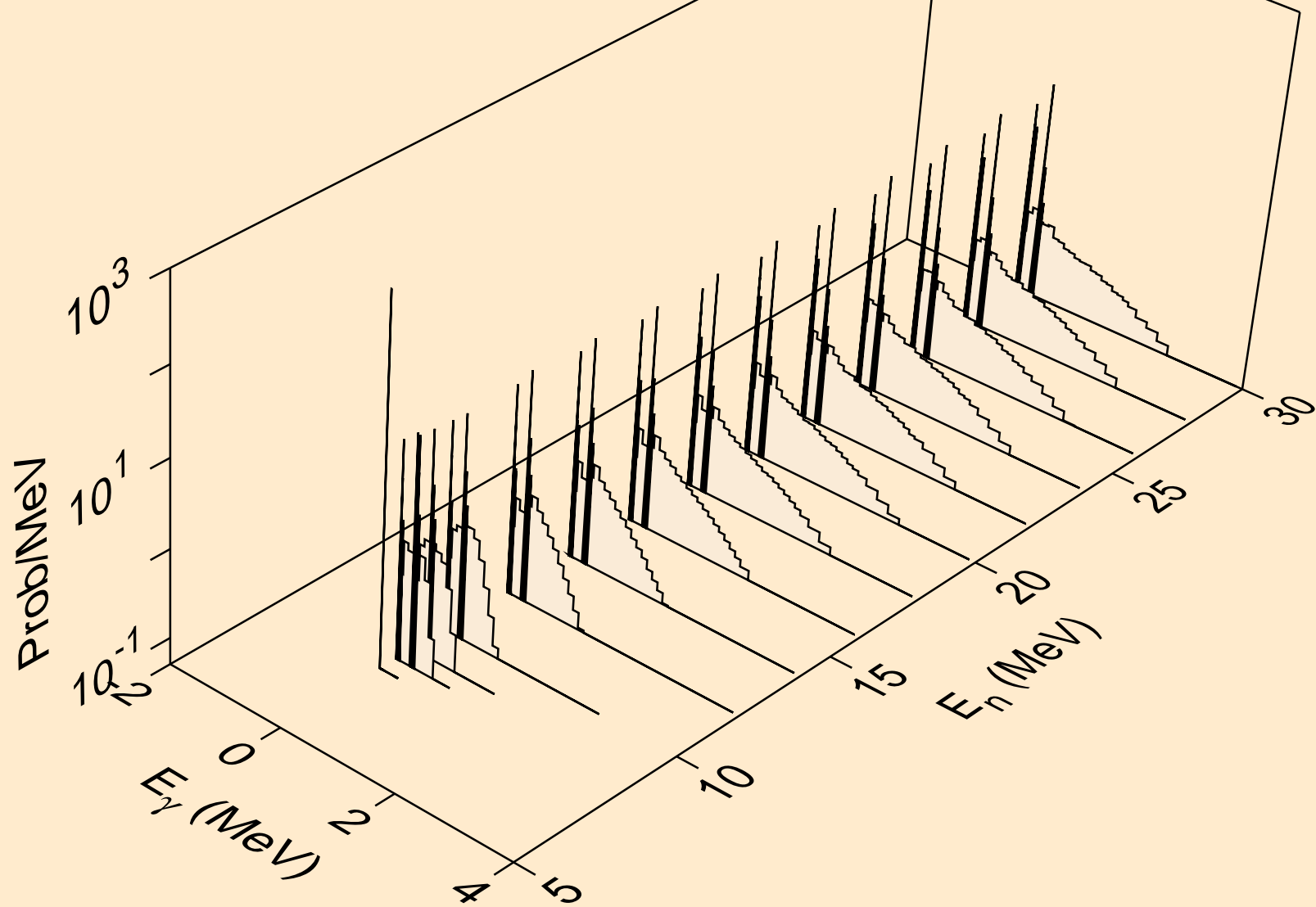
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



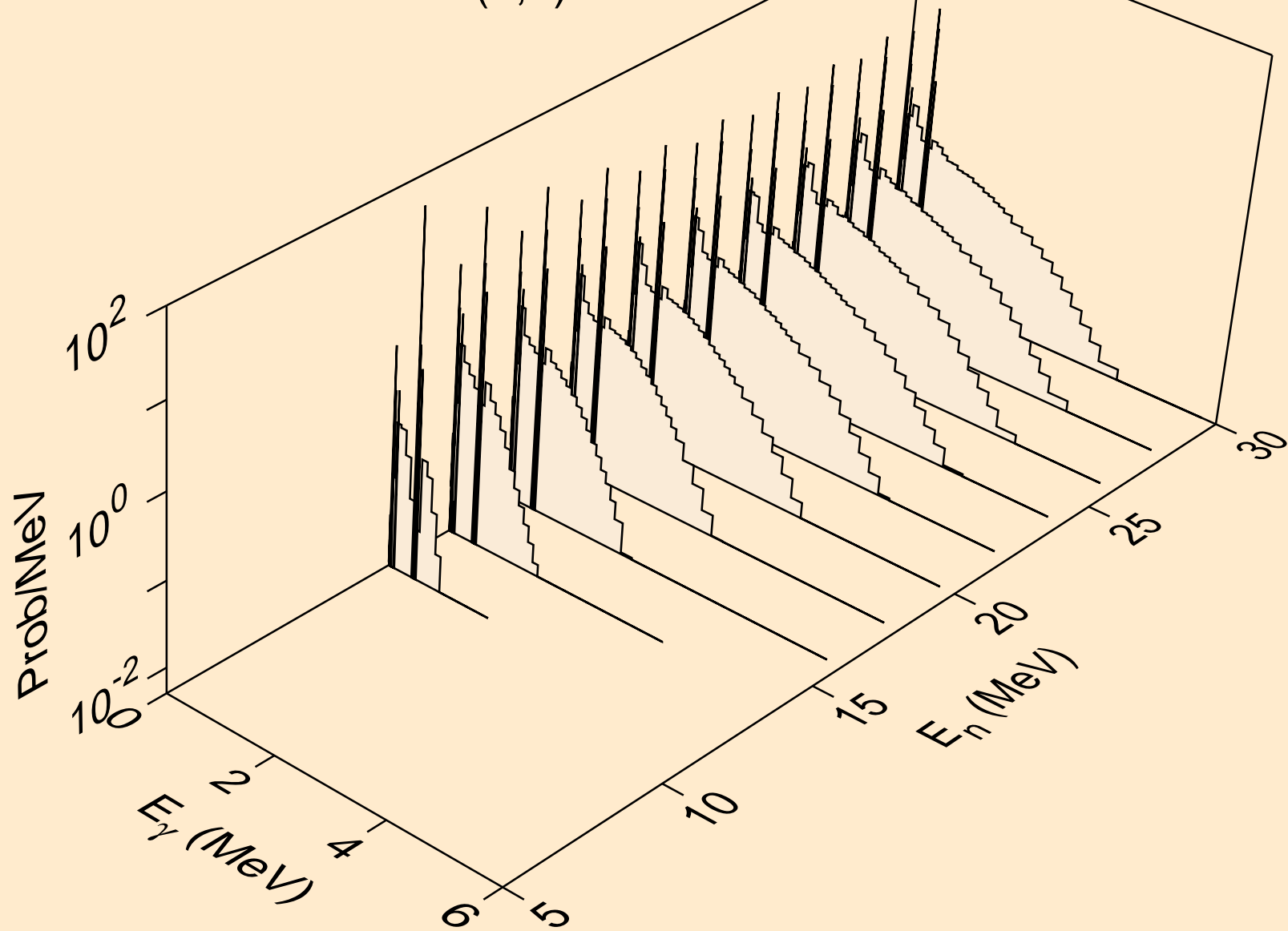
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



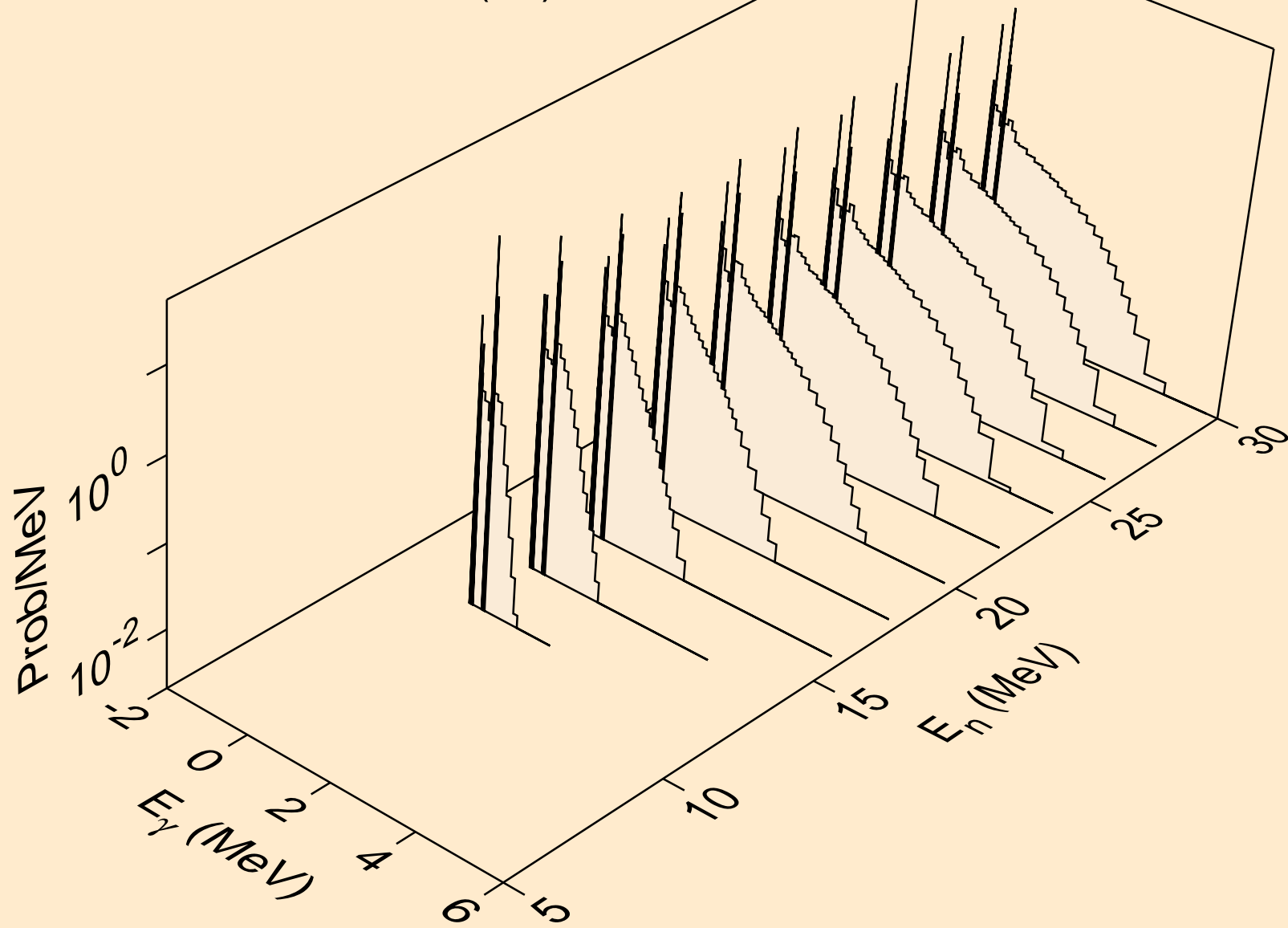
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



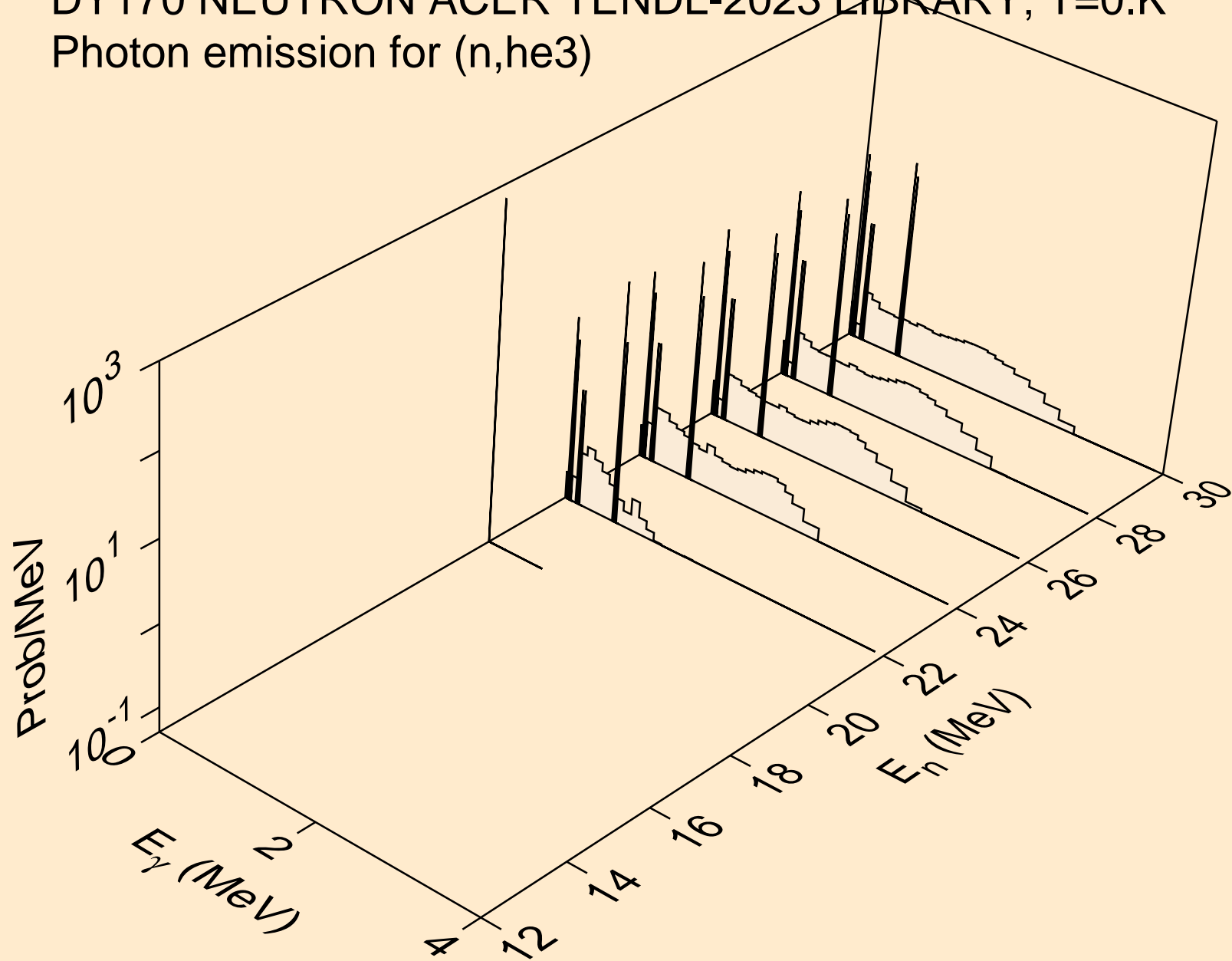
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Photon emission for (n,d)



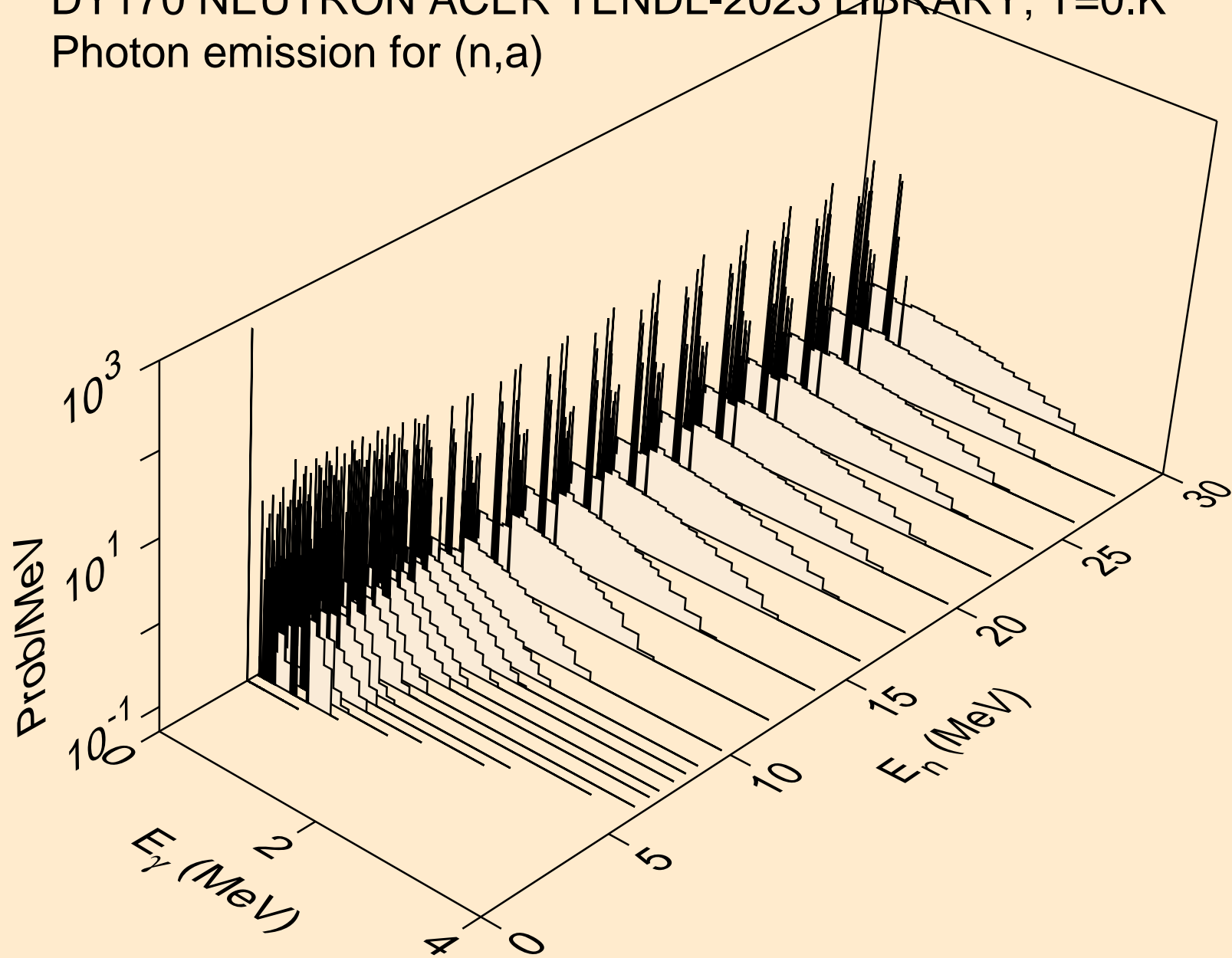
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

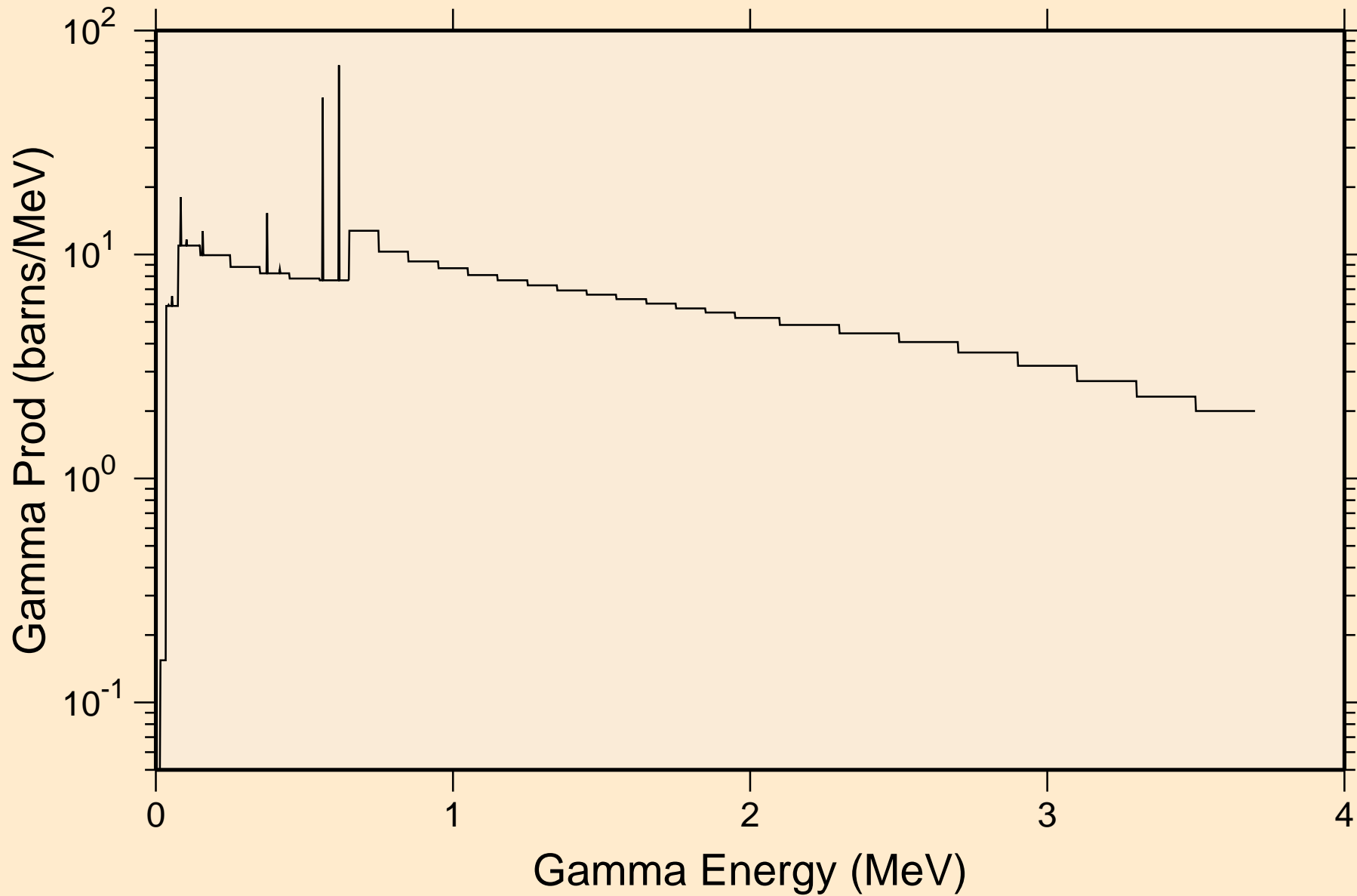


DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

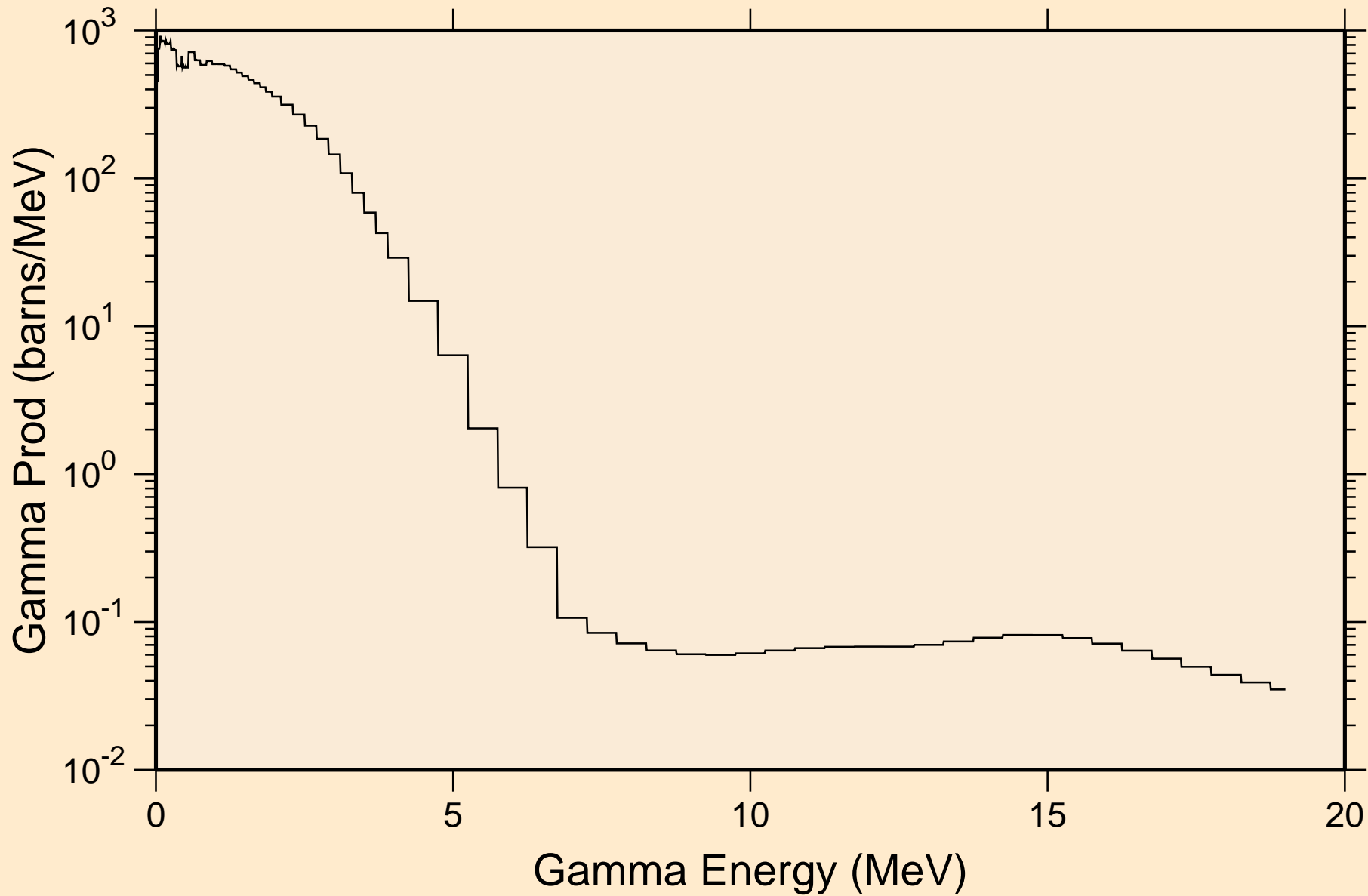




DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

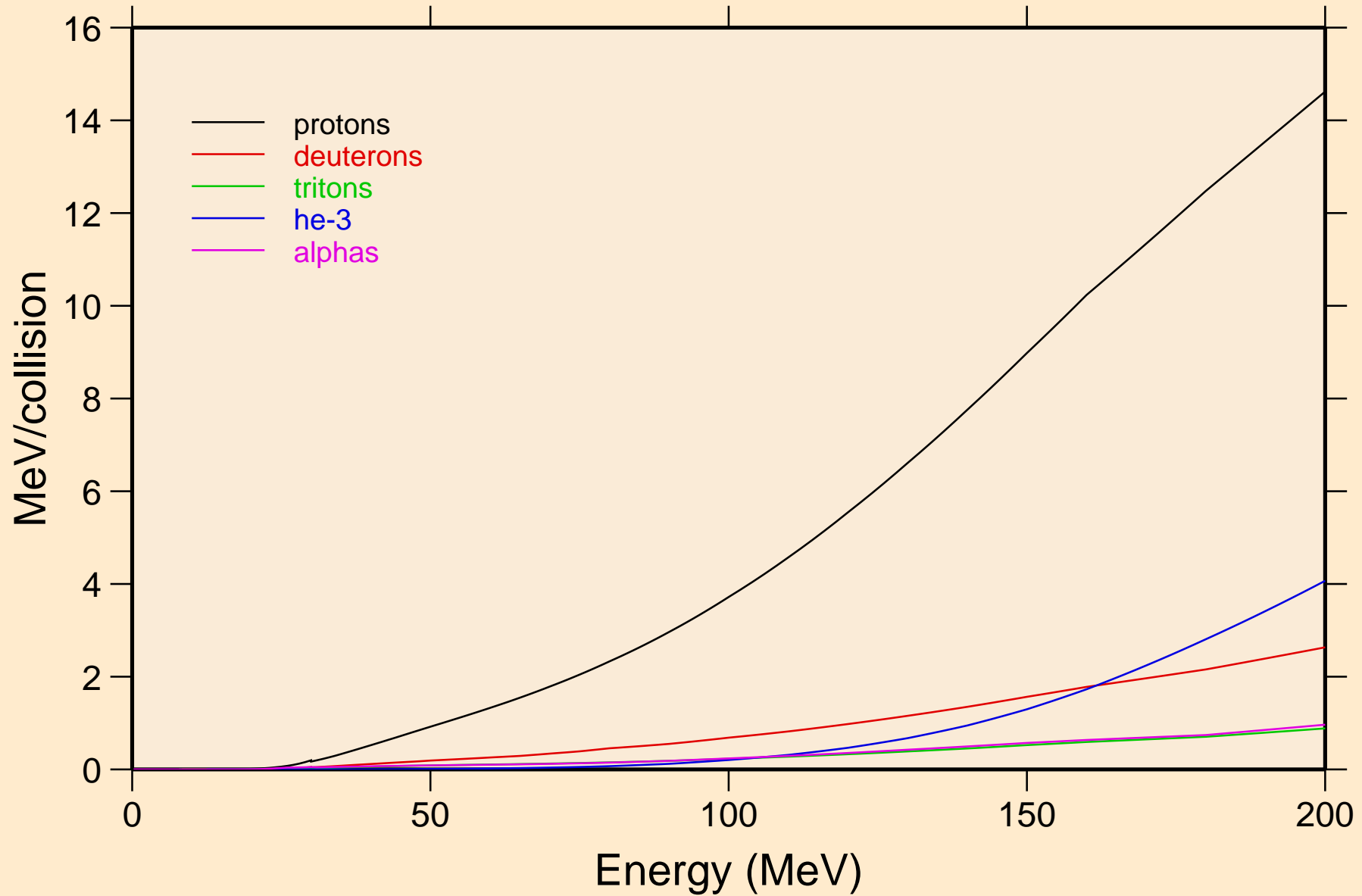


DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

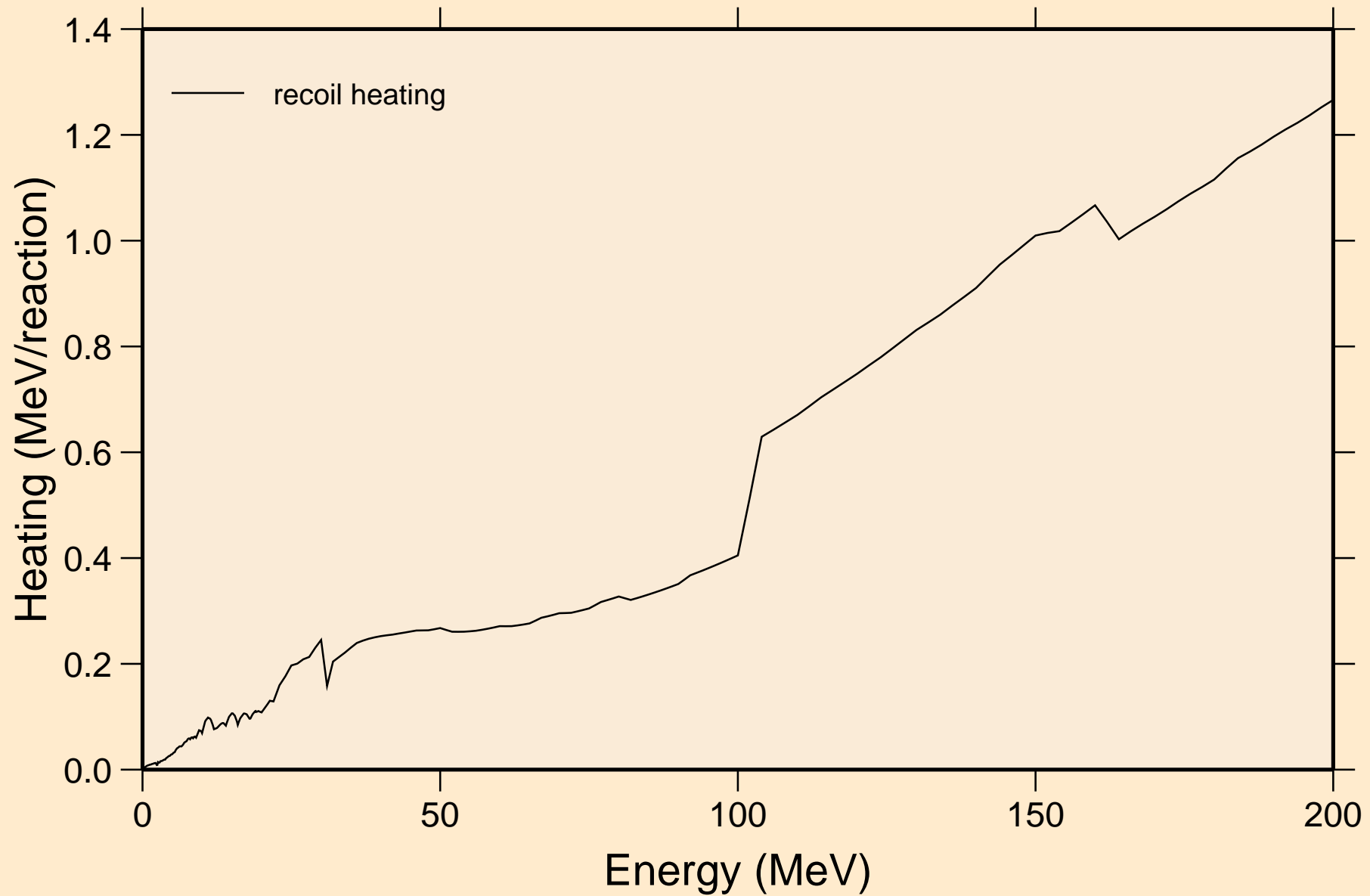


# DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

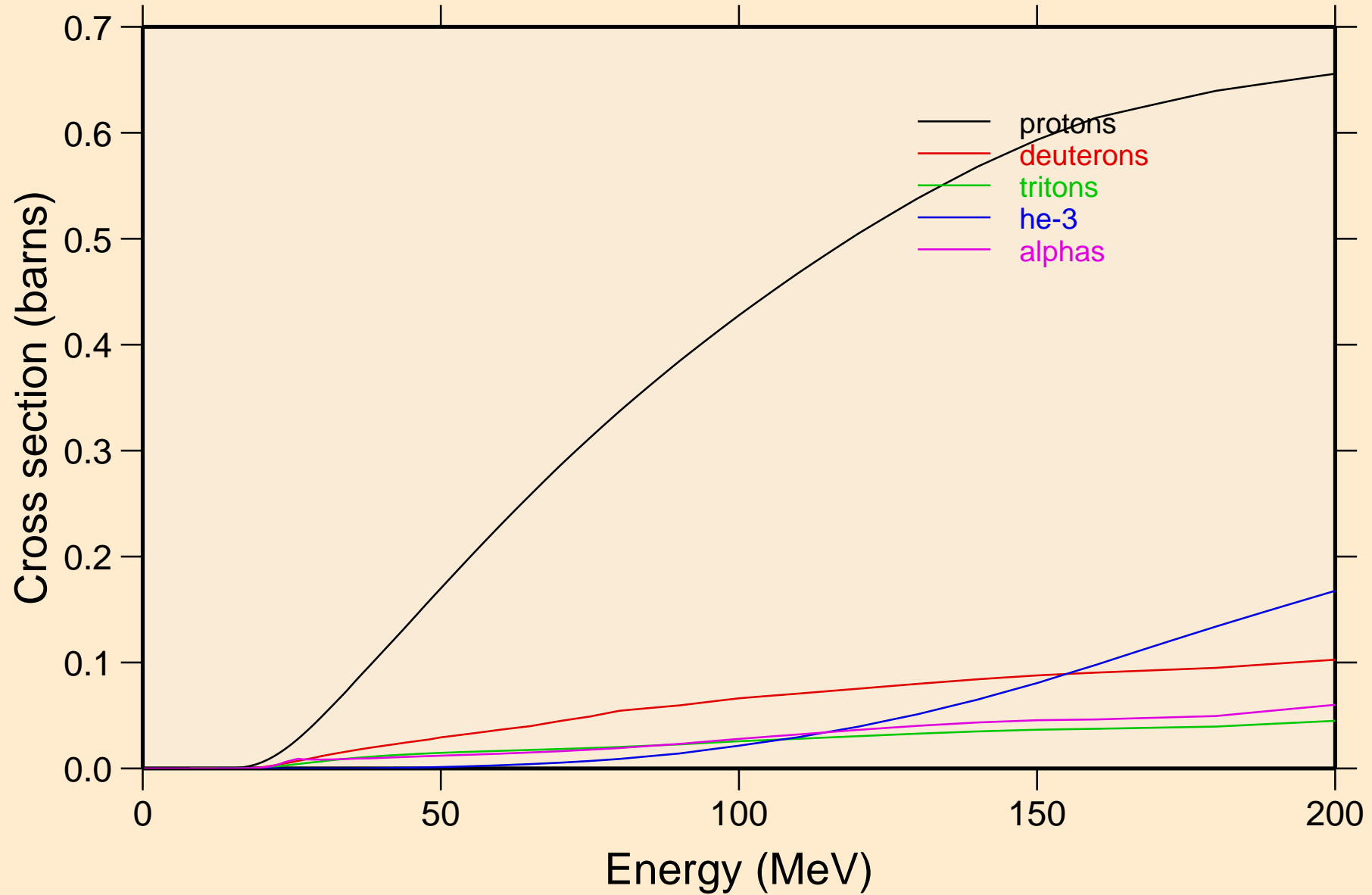


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Recoil Heating

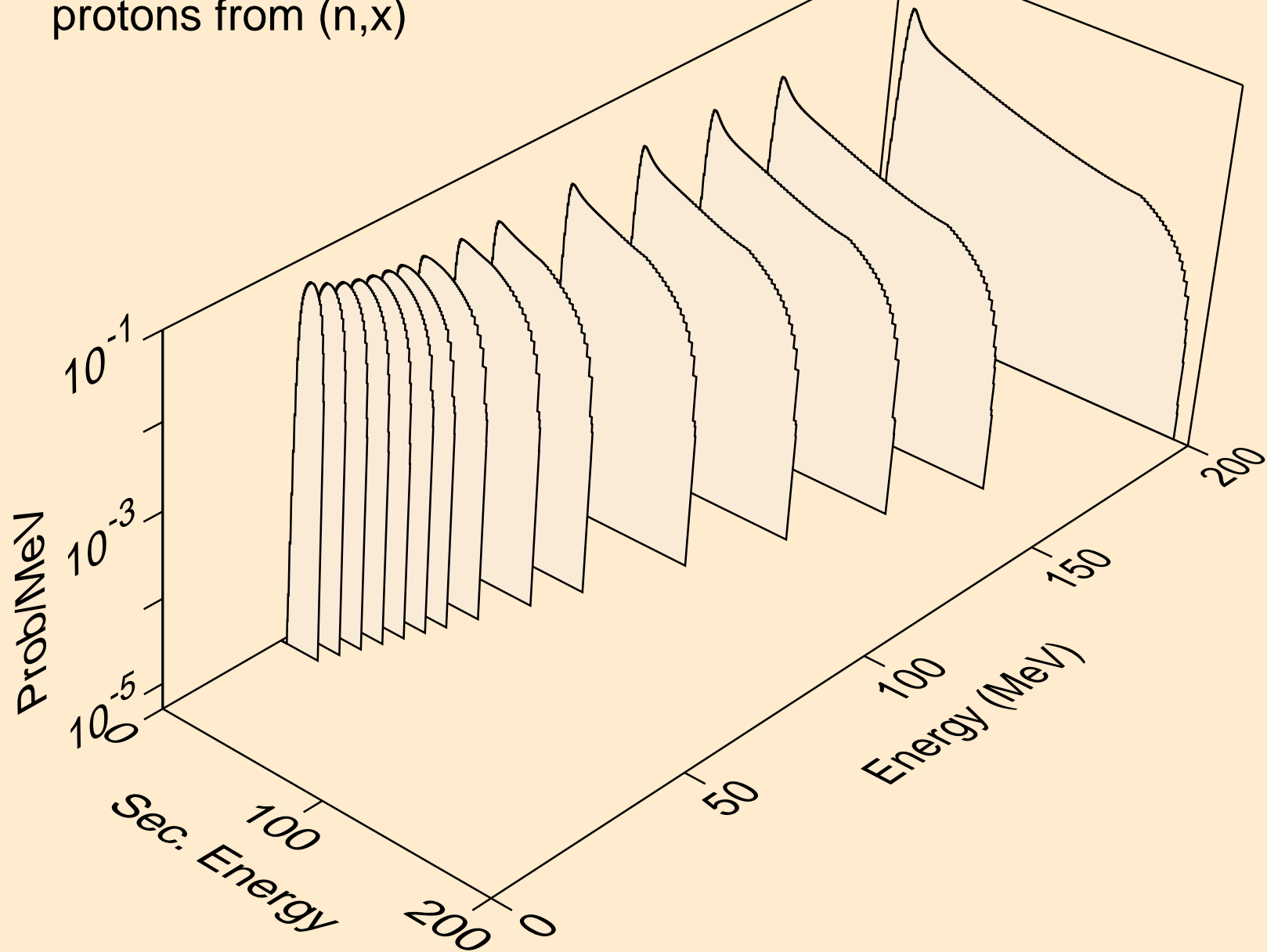


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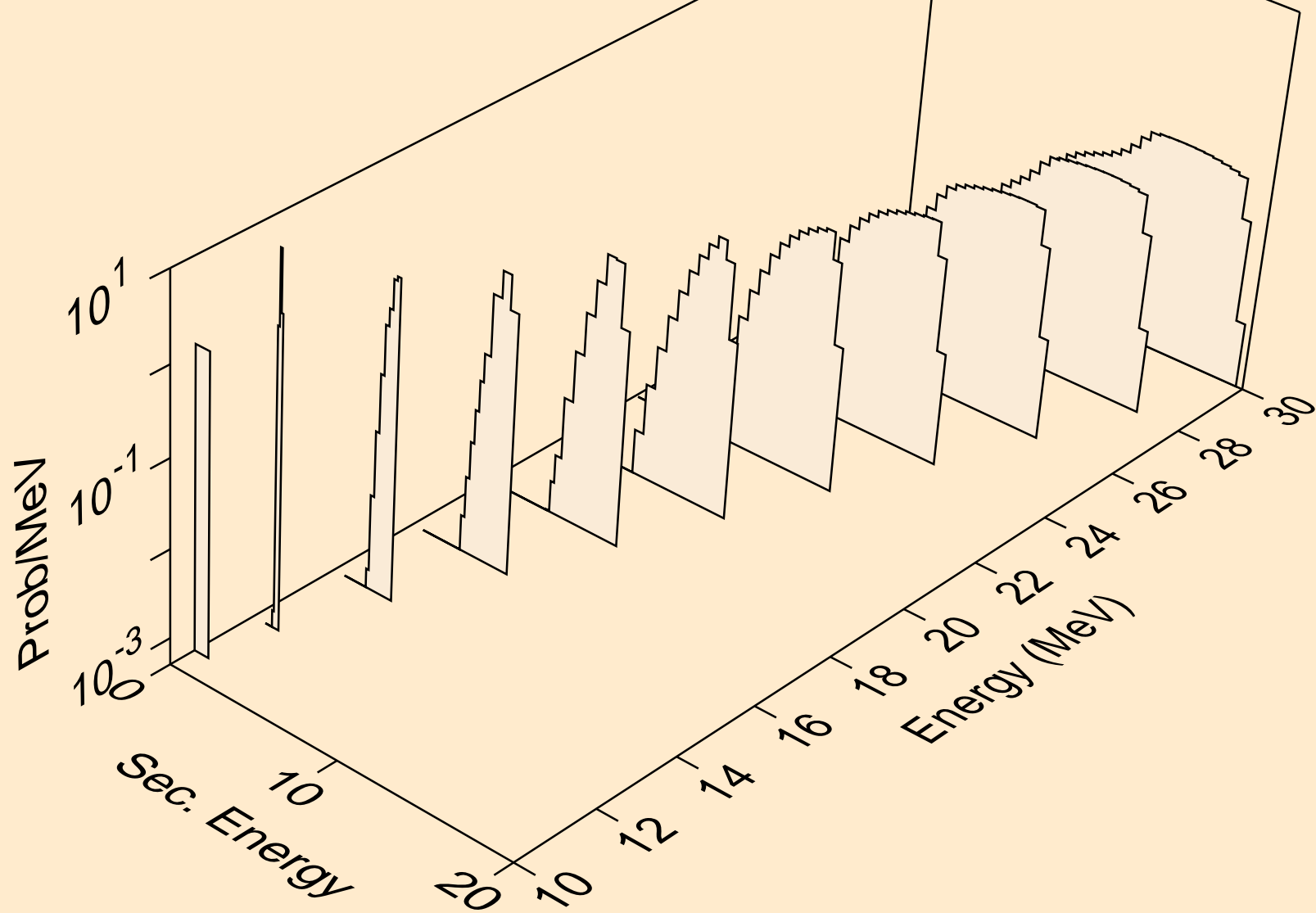
## Particle production cross sections



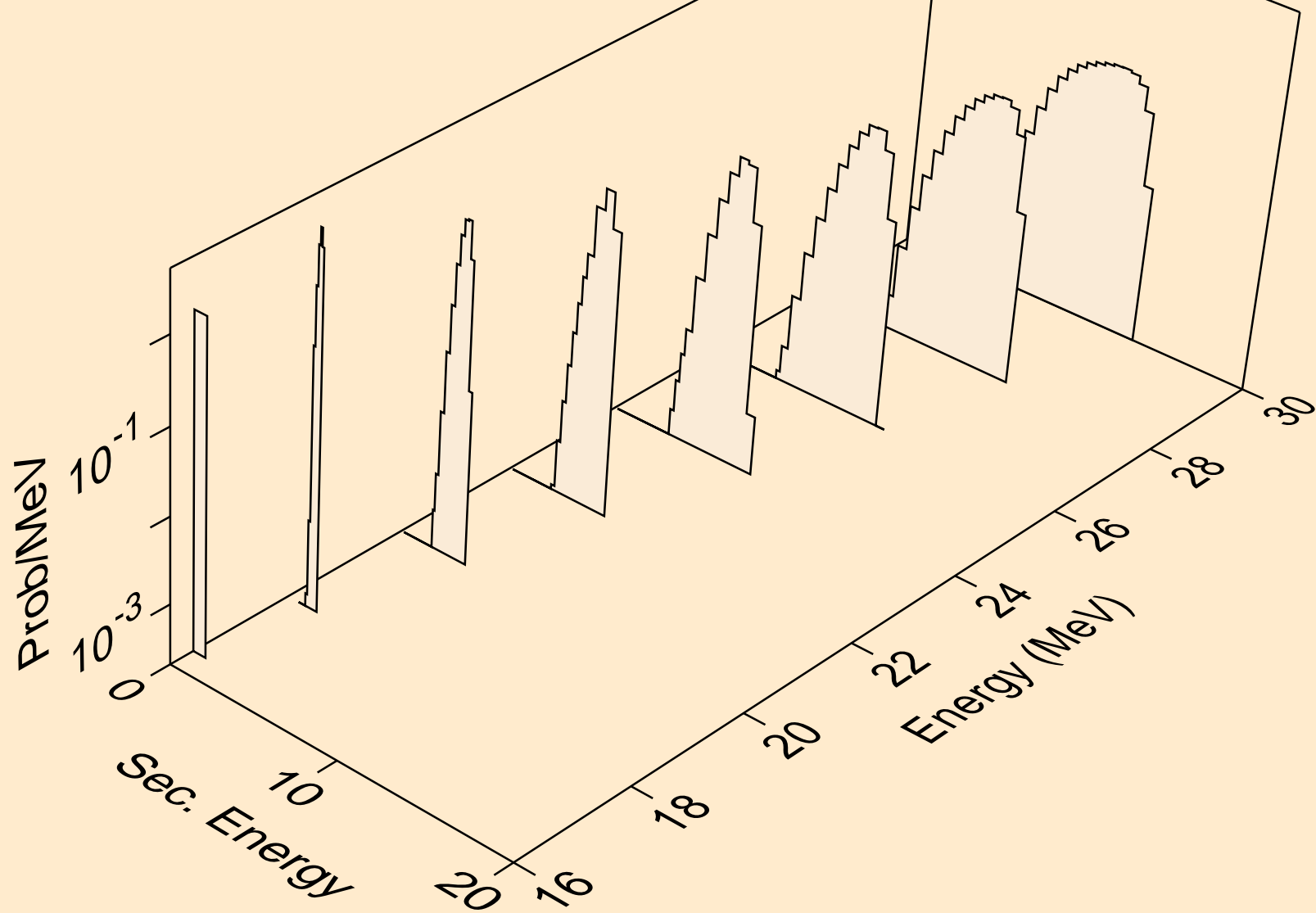
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p

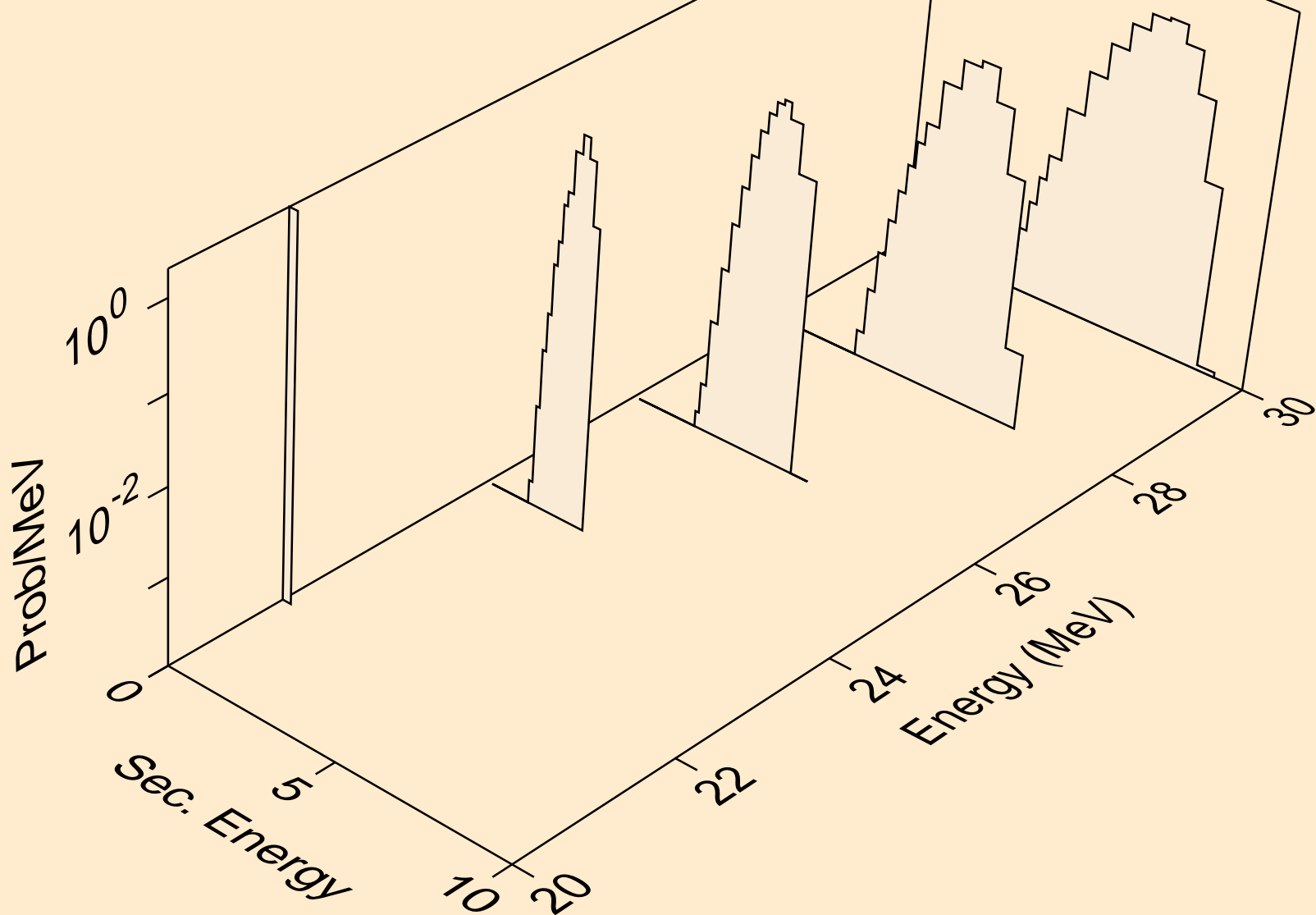


DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)

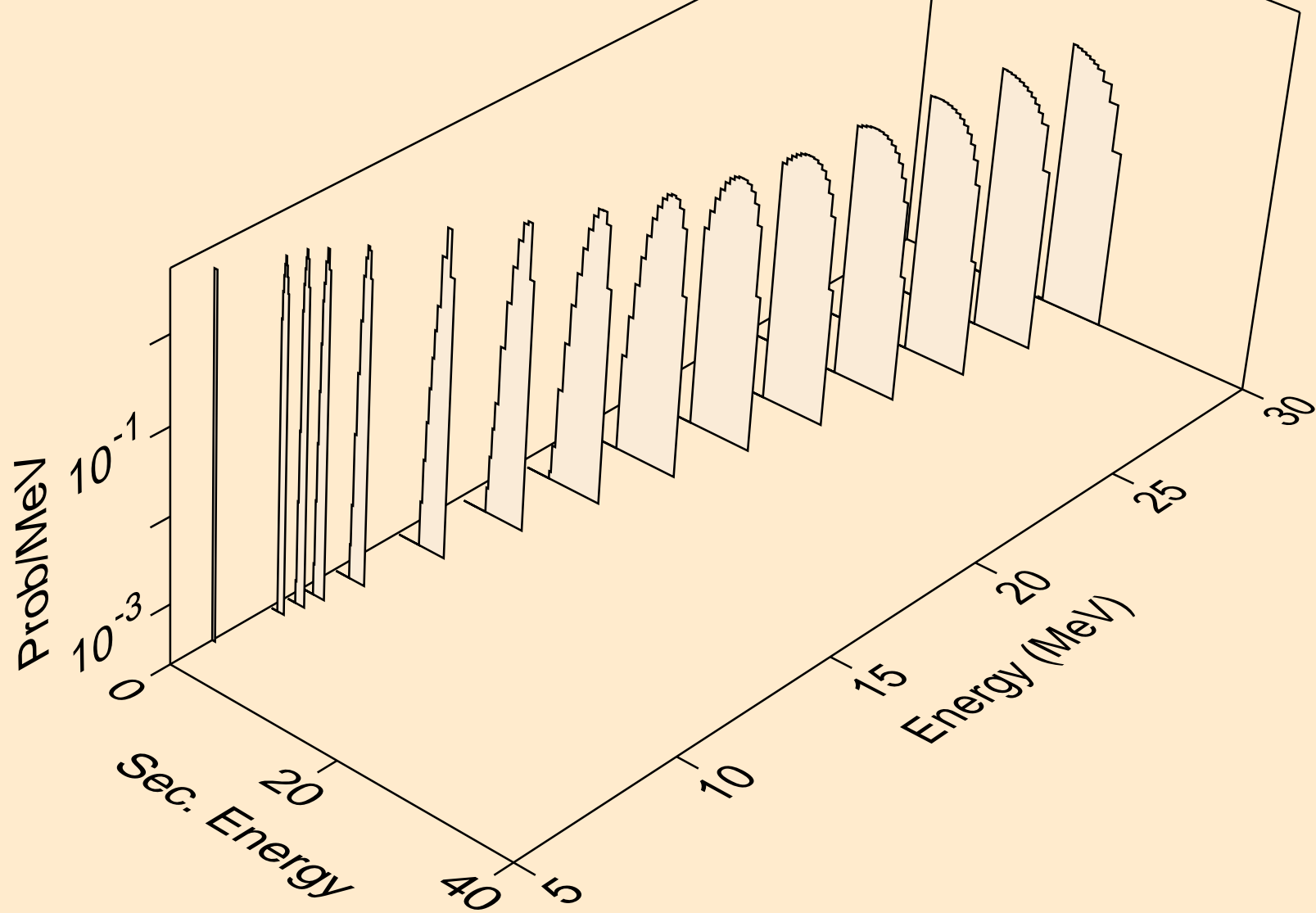




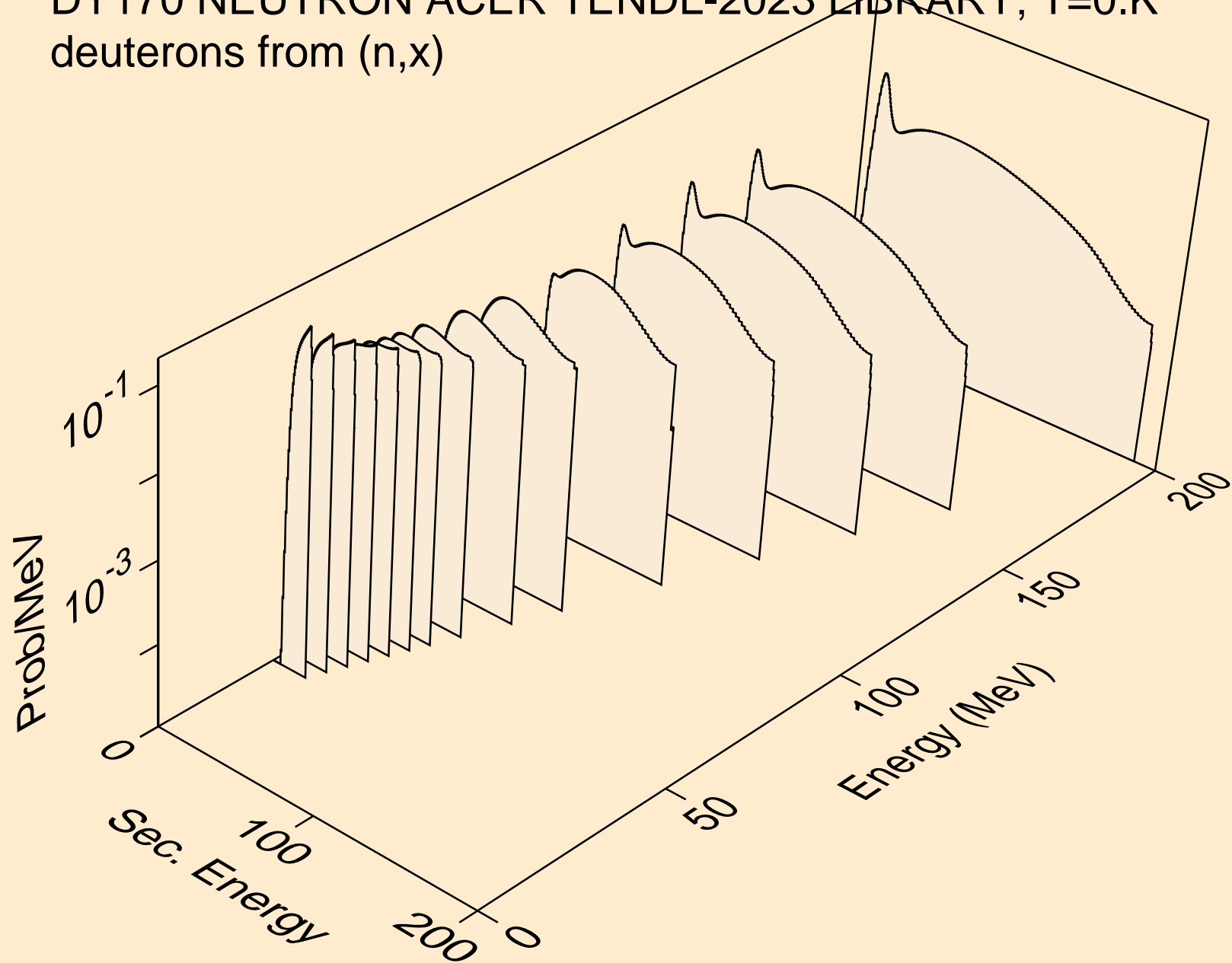
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protons from (n,3np)



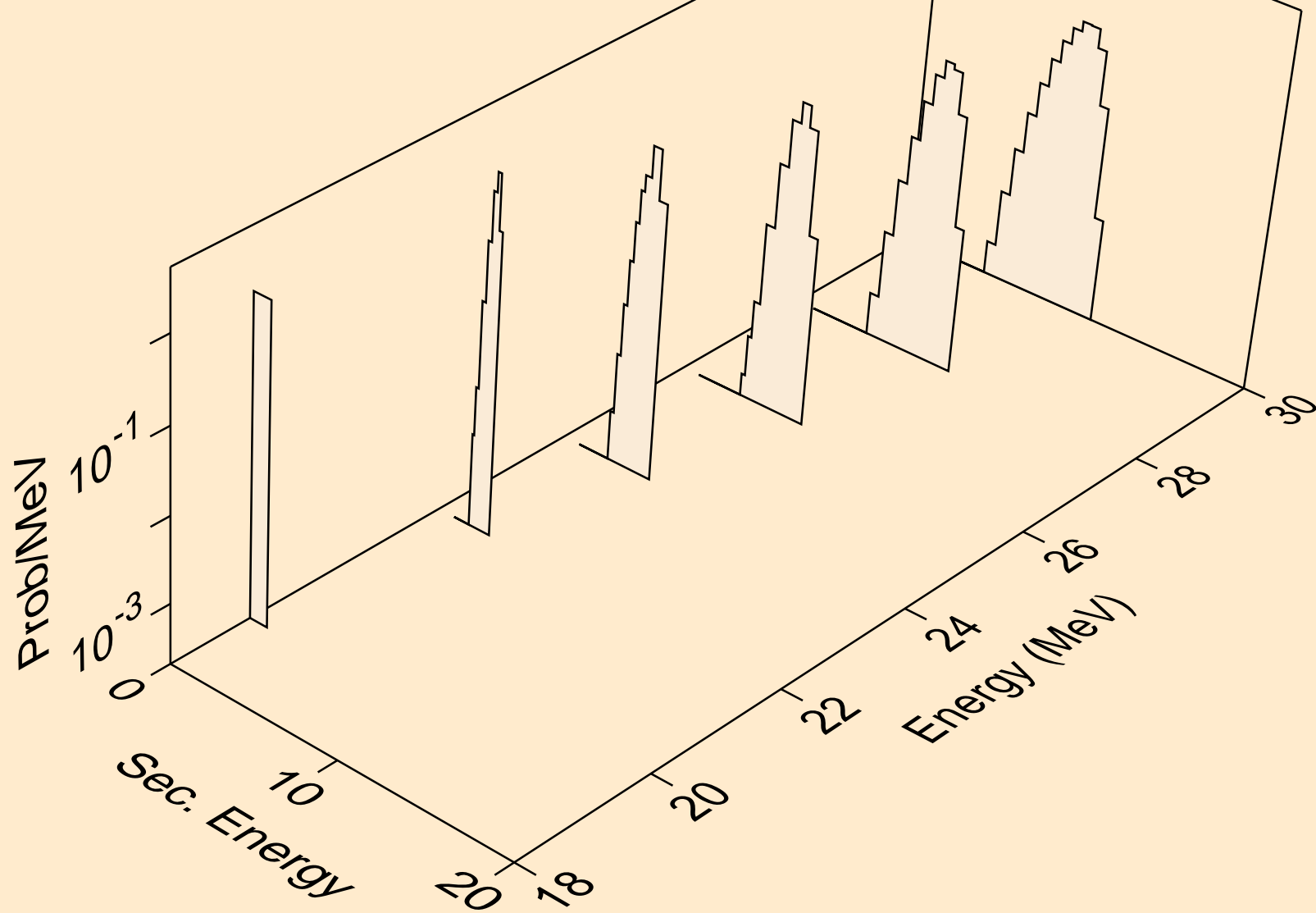
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protons from (n,p)



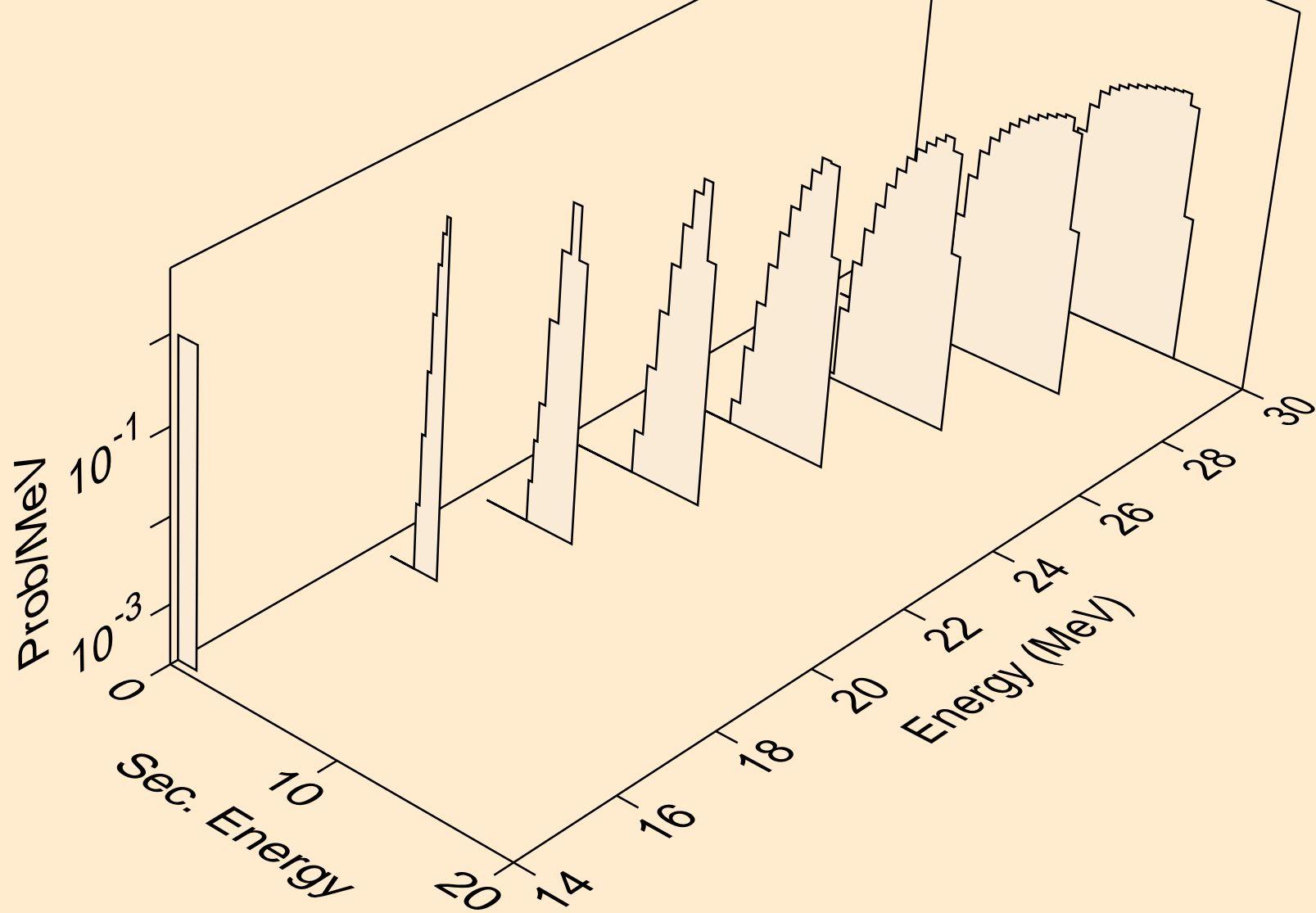
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deuterons from (n,x)



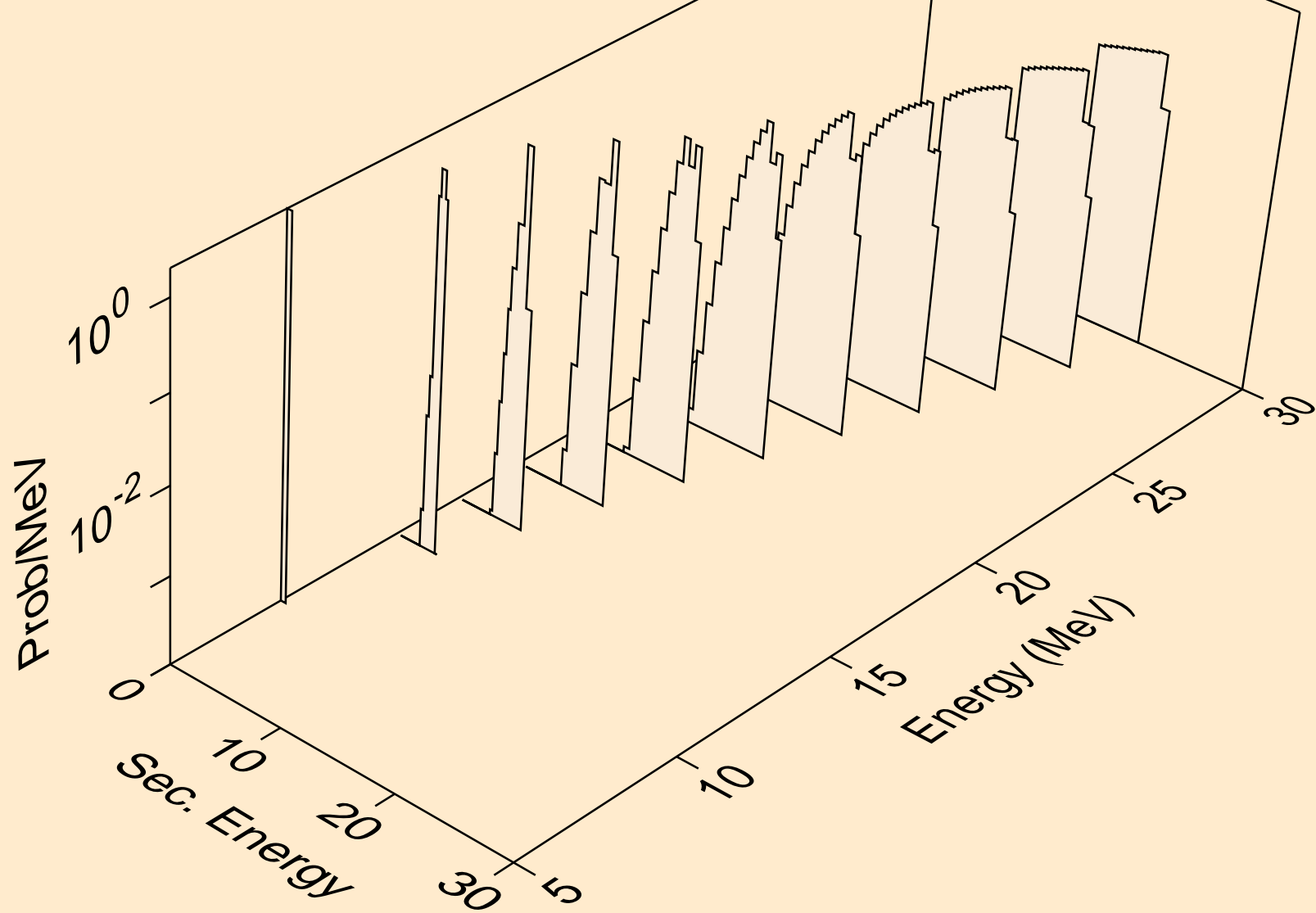
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deuterons from (n,2nd)



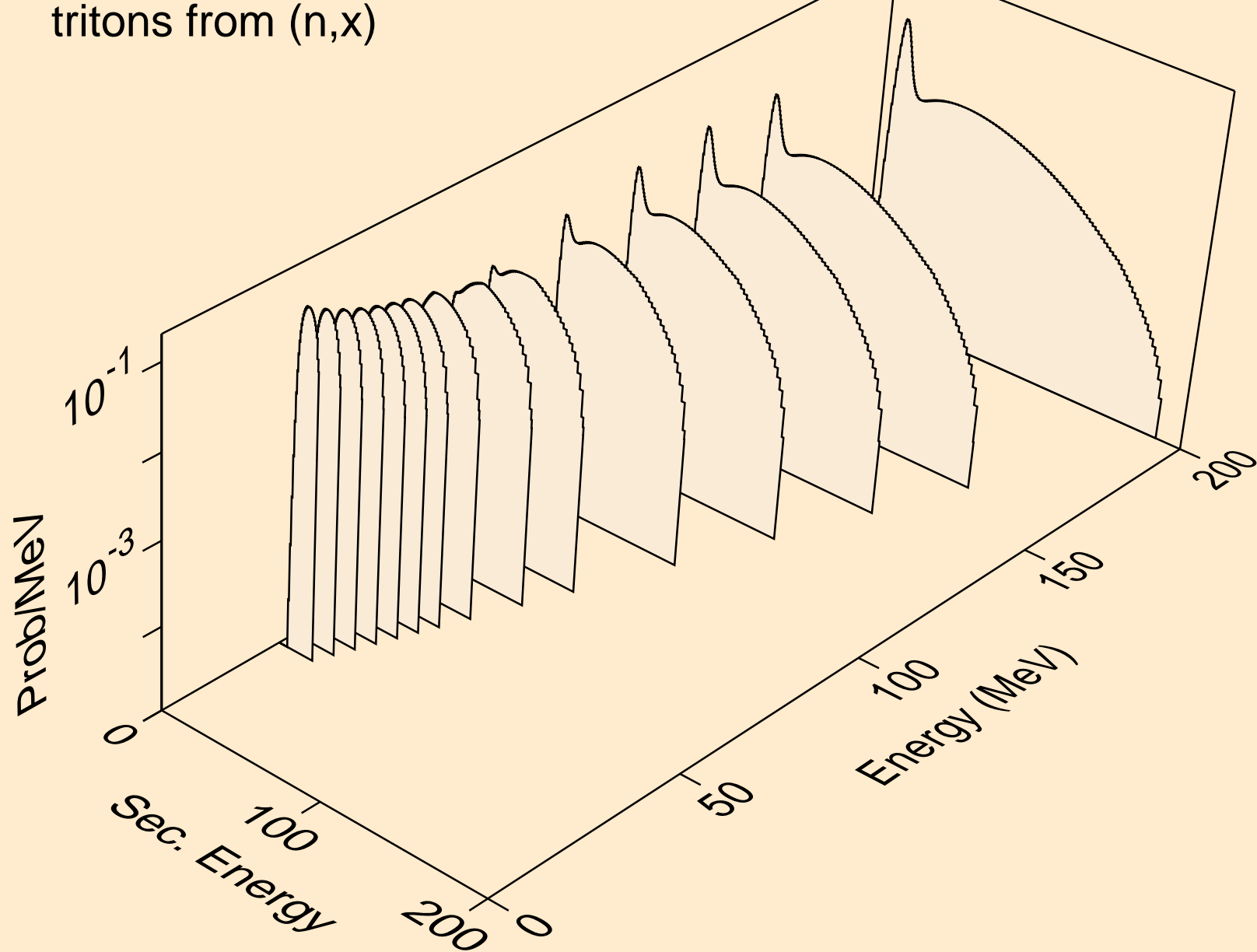
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deuterons from (n,n\*)d



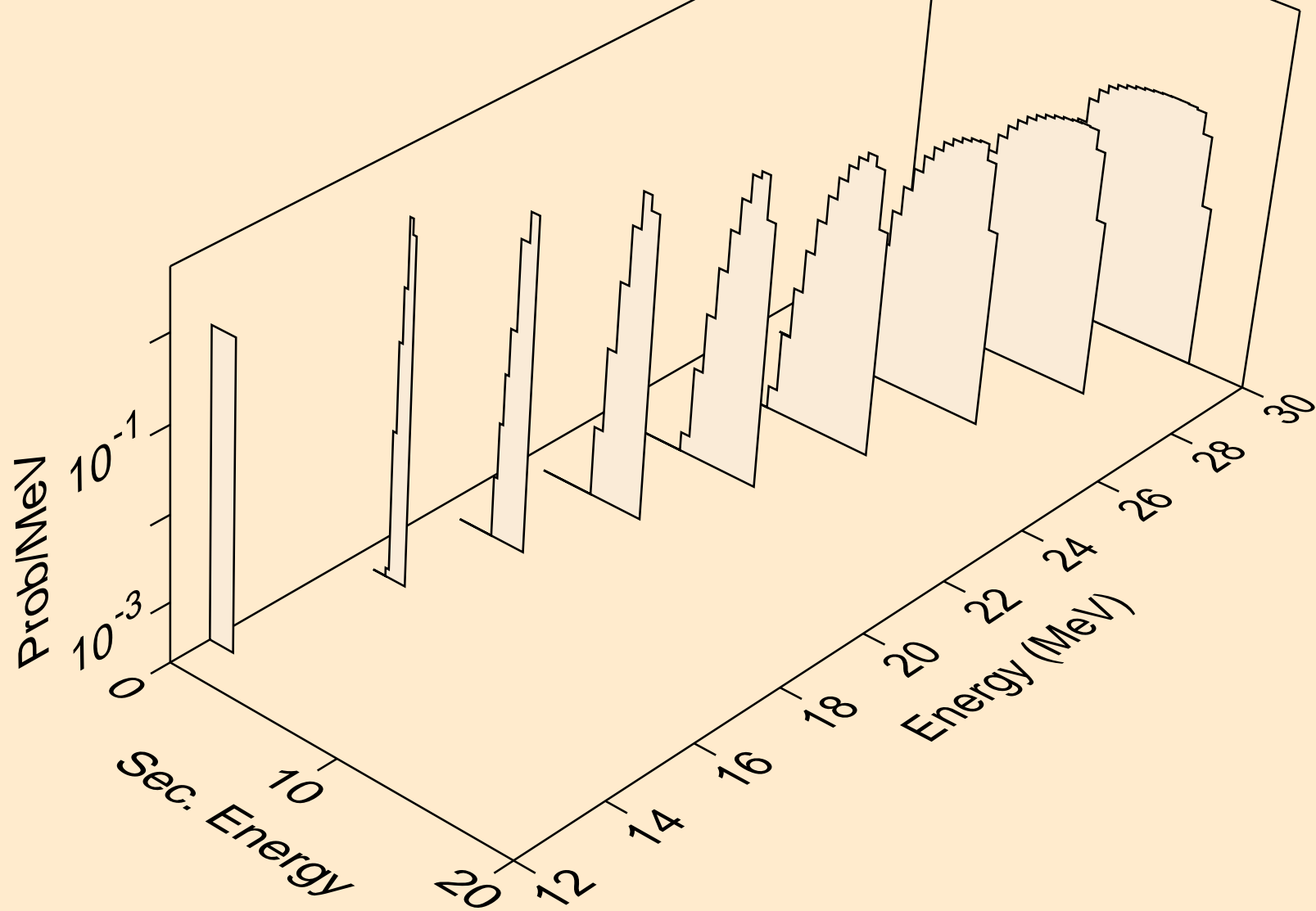
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)

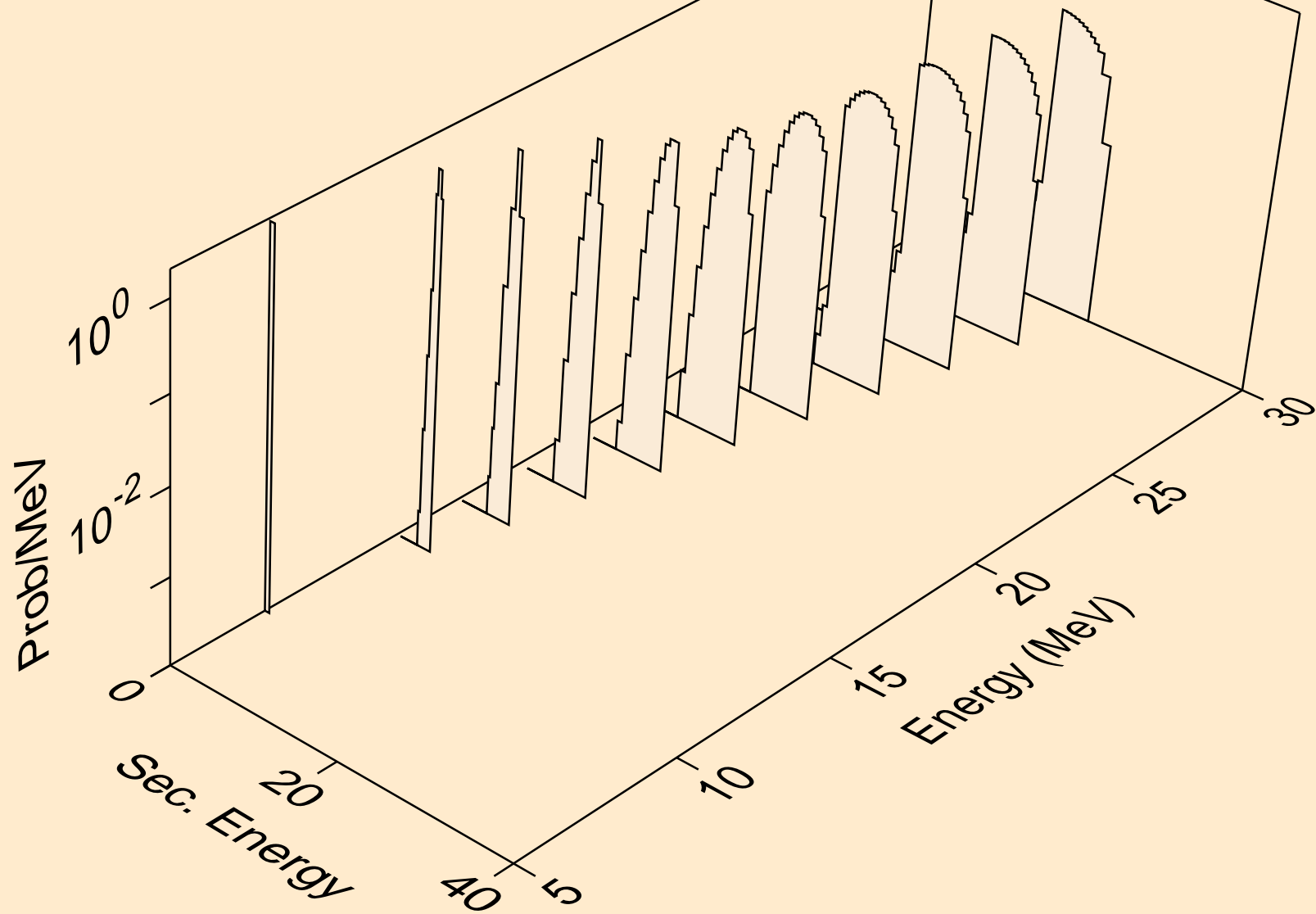


DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t

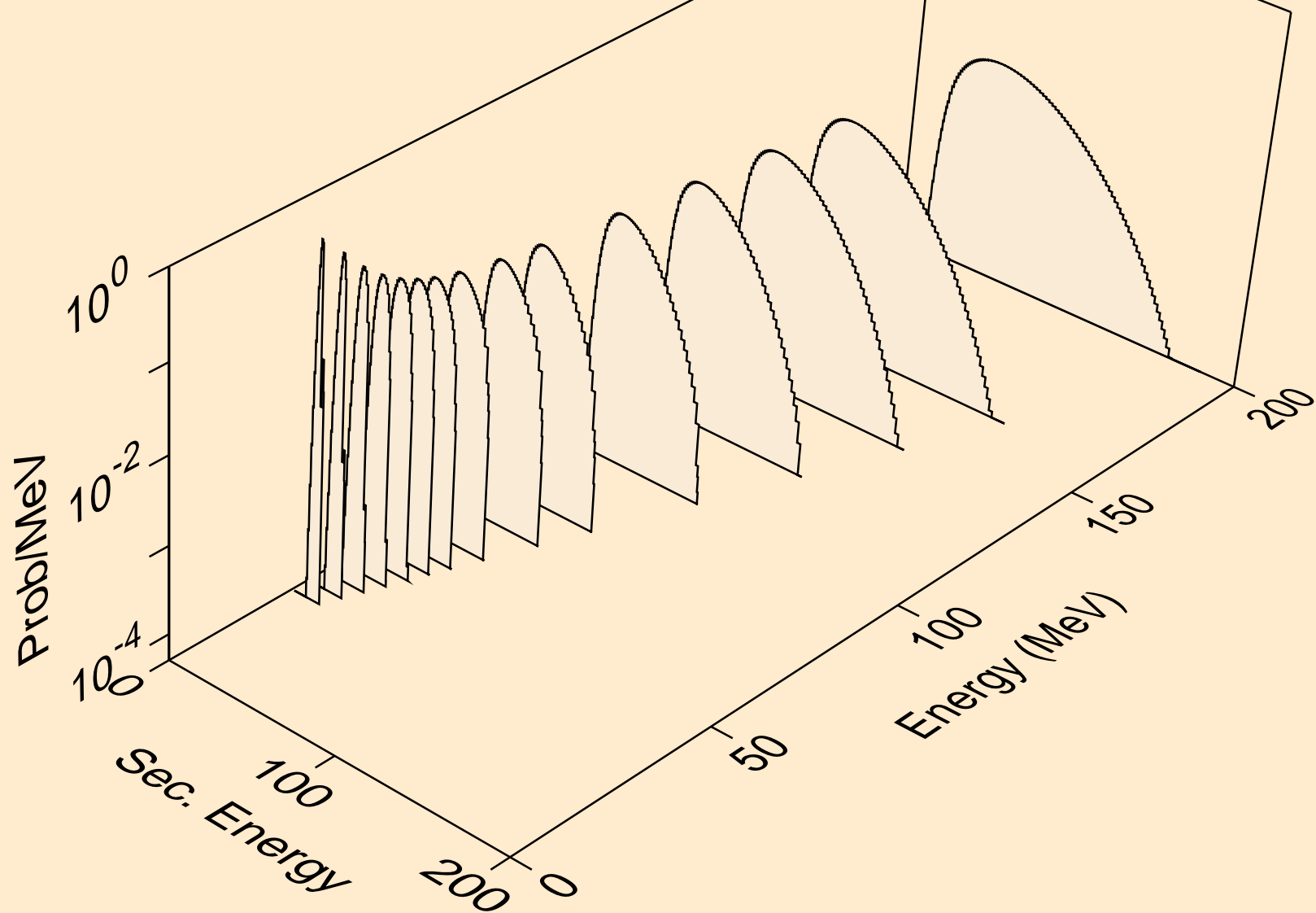




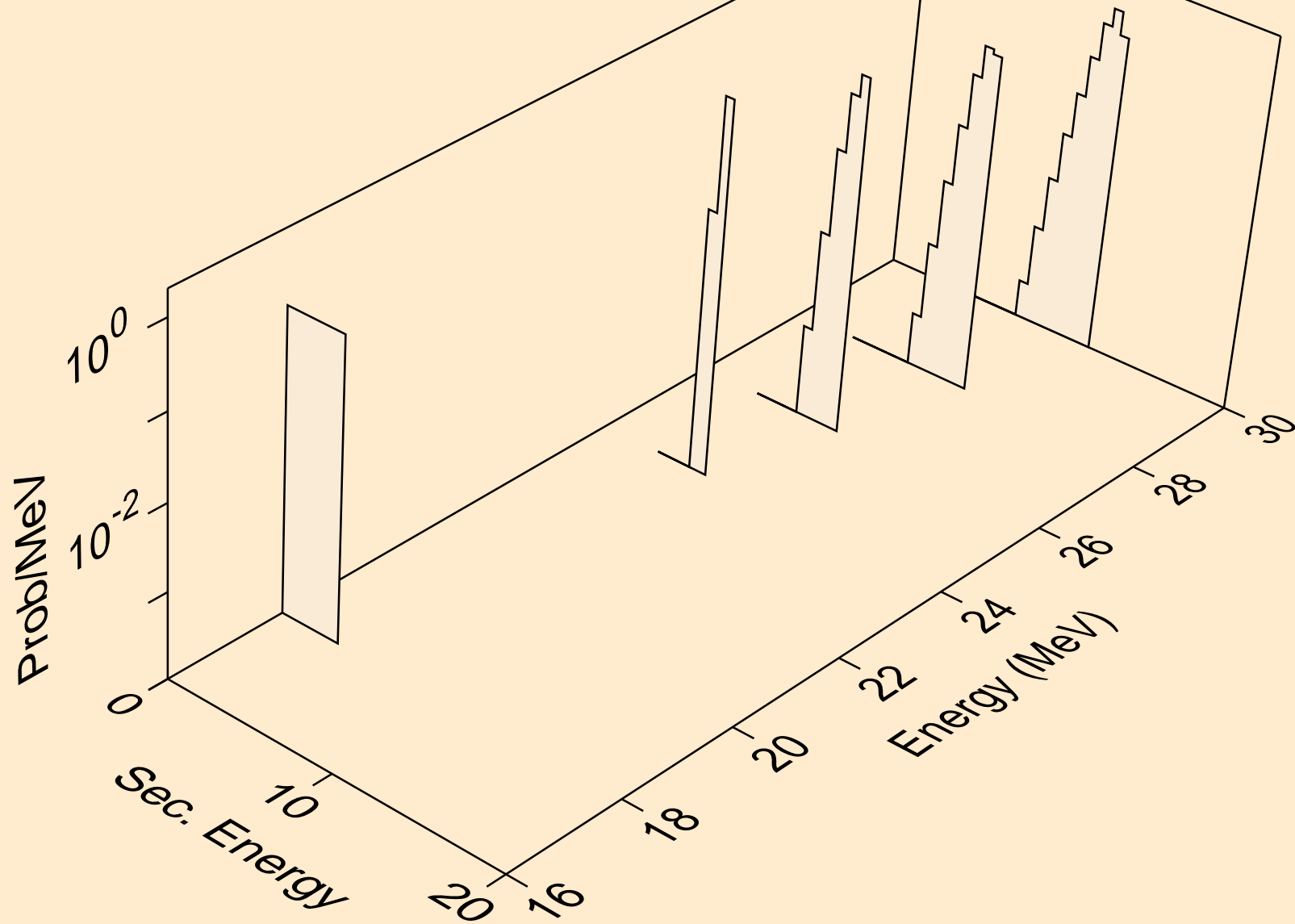
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tritons from (n,t)



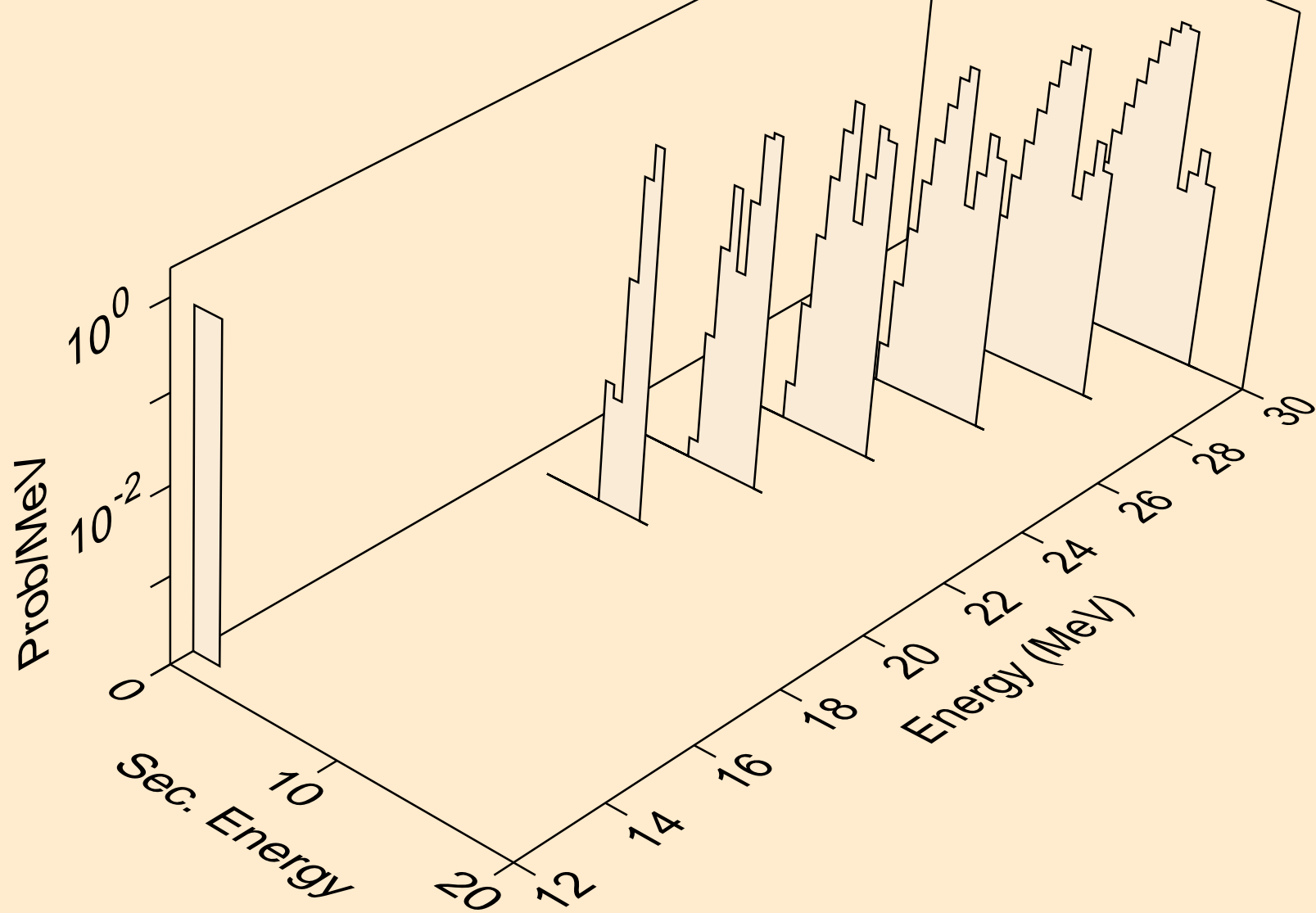
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



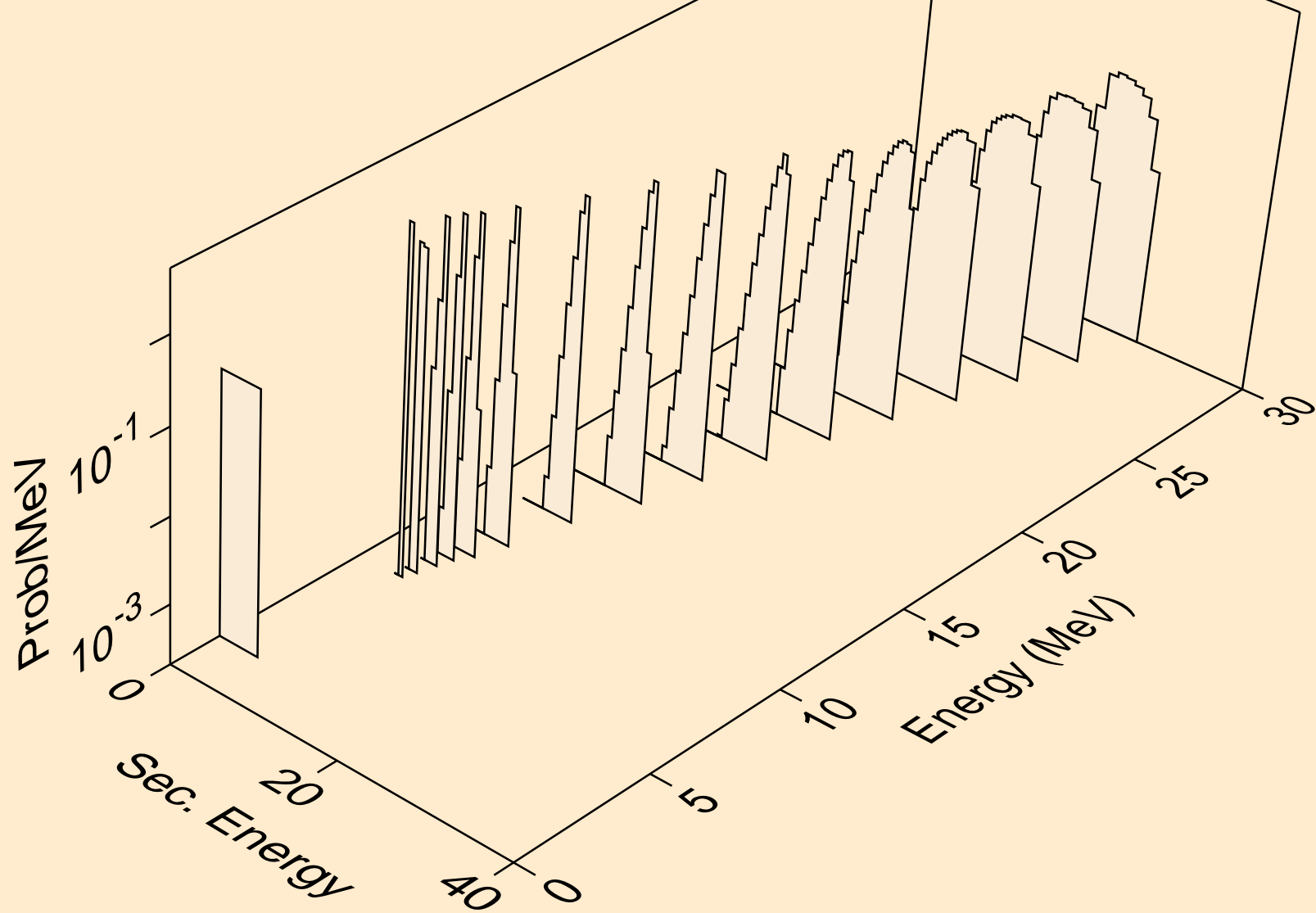
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he3s from (n,he3)



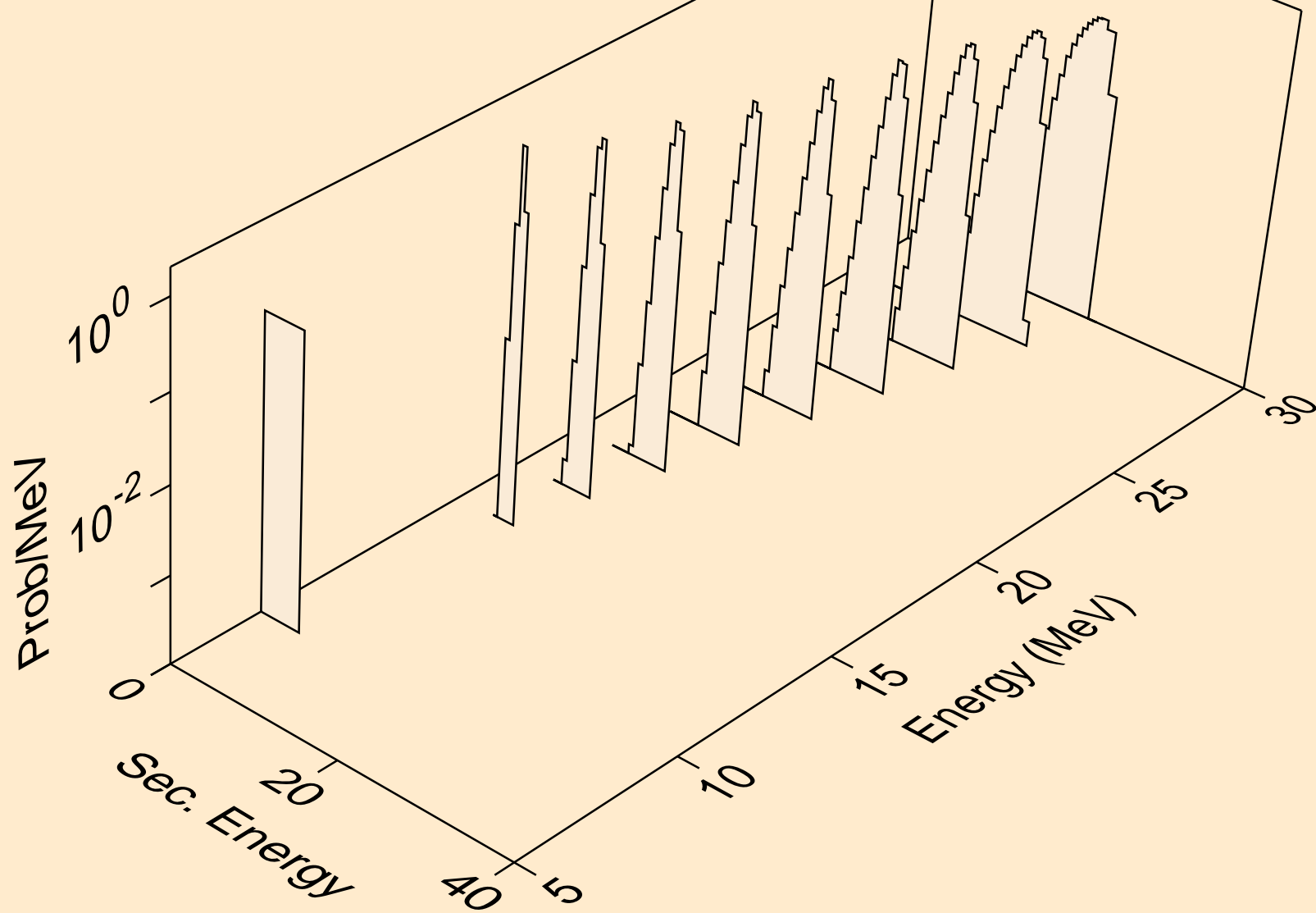
DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



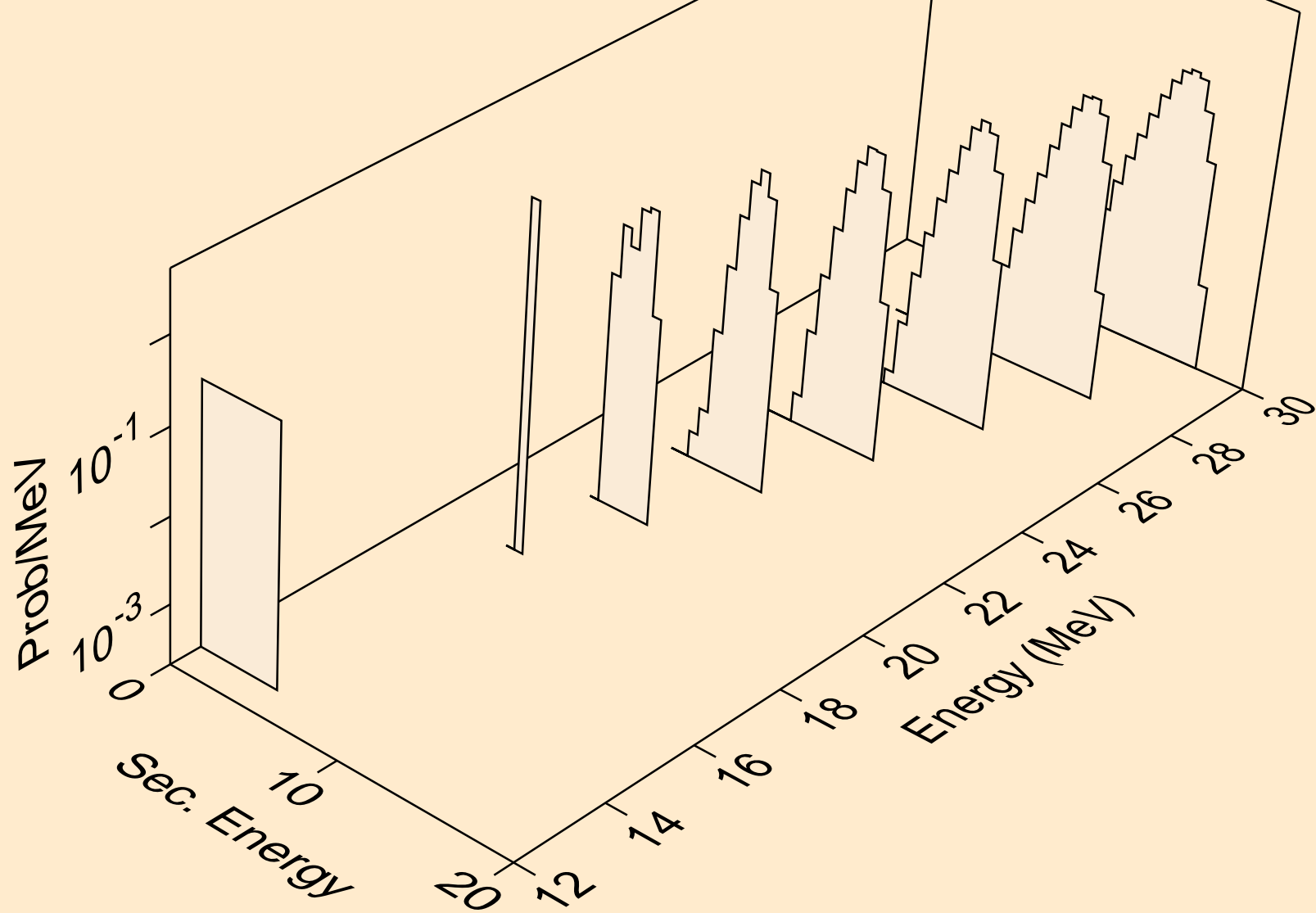
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alphas from (n,n\*)a



DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a





DY170 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

