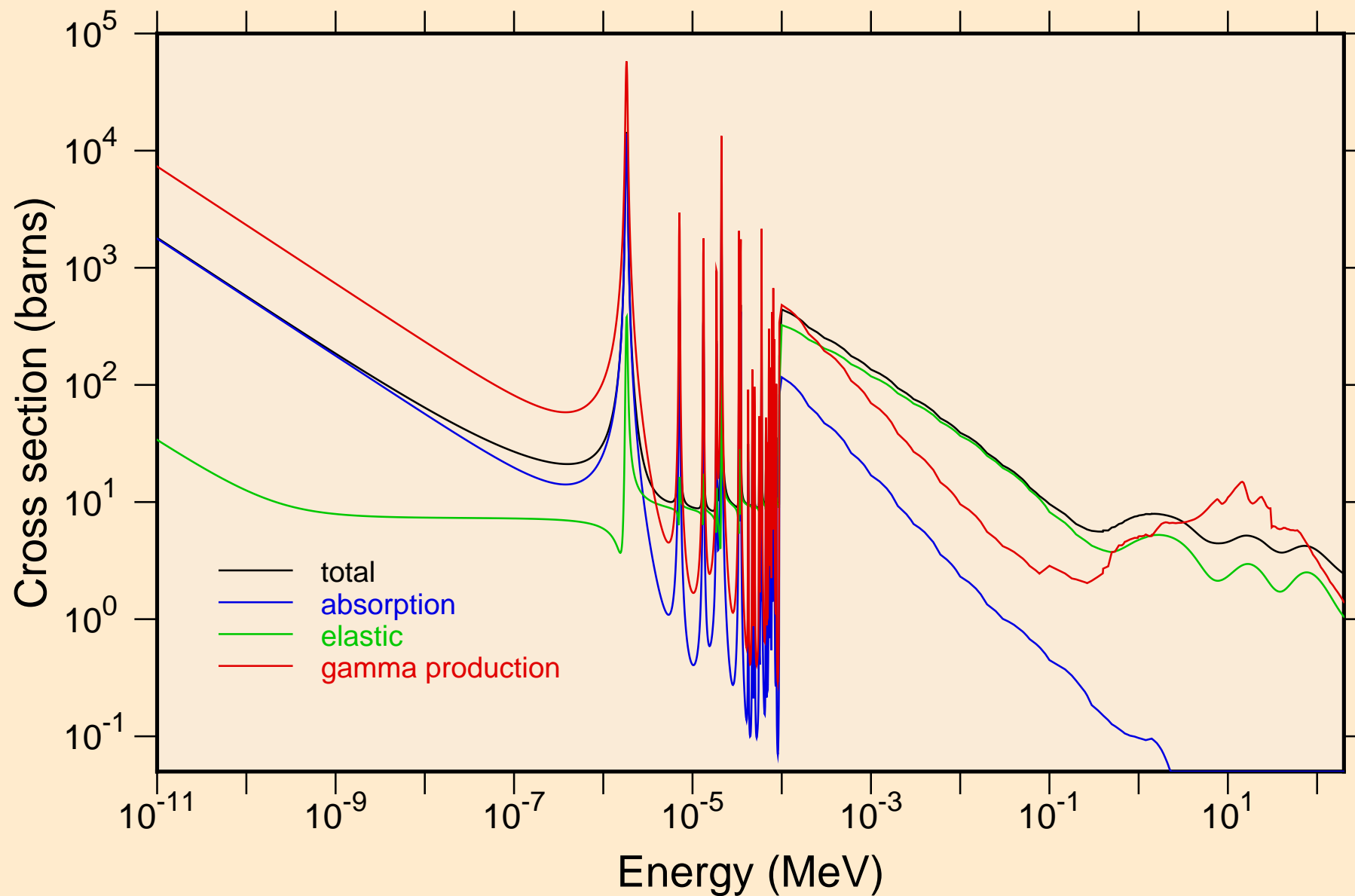
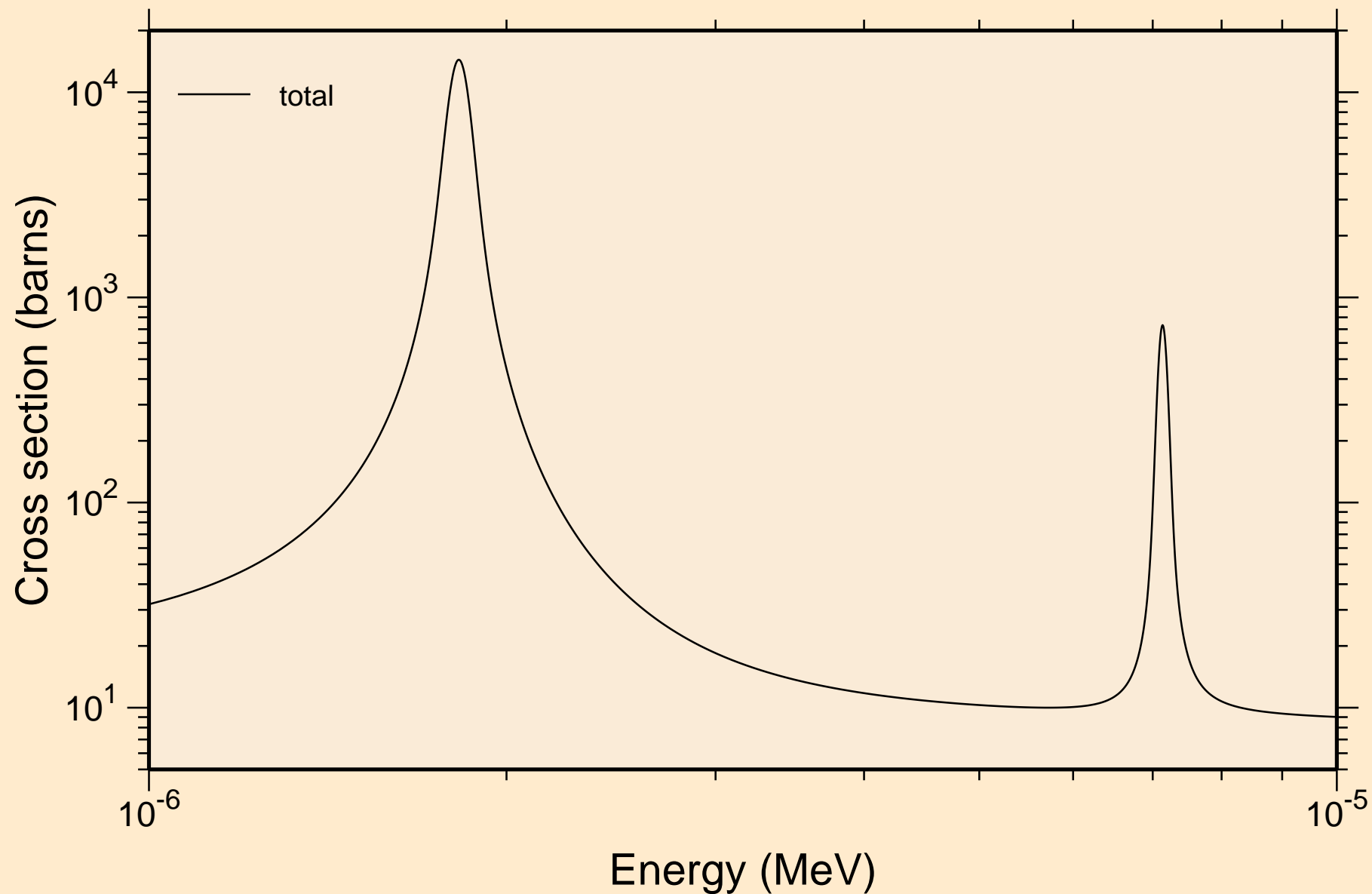


# EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

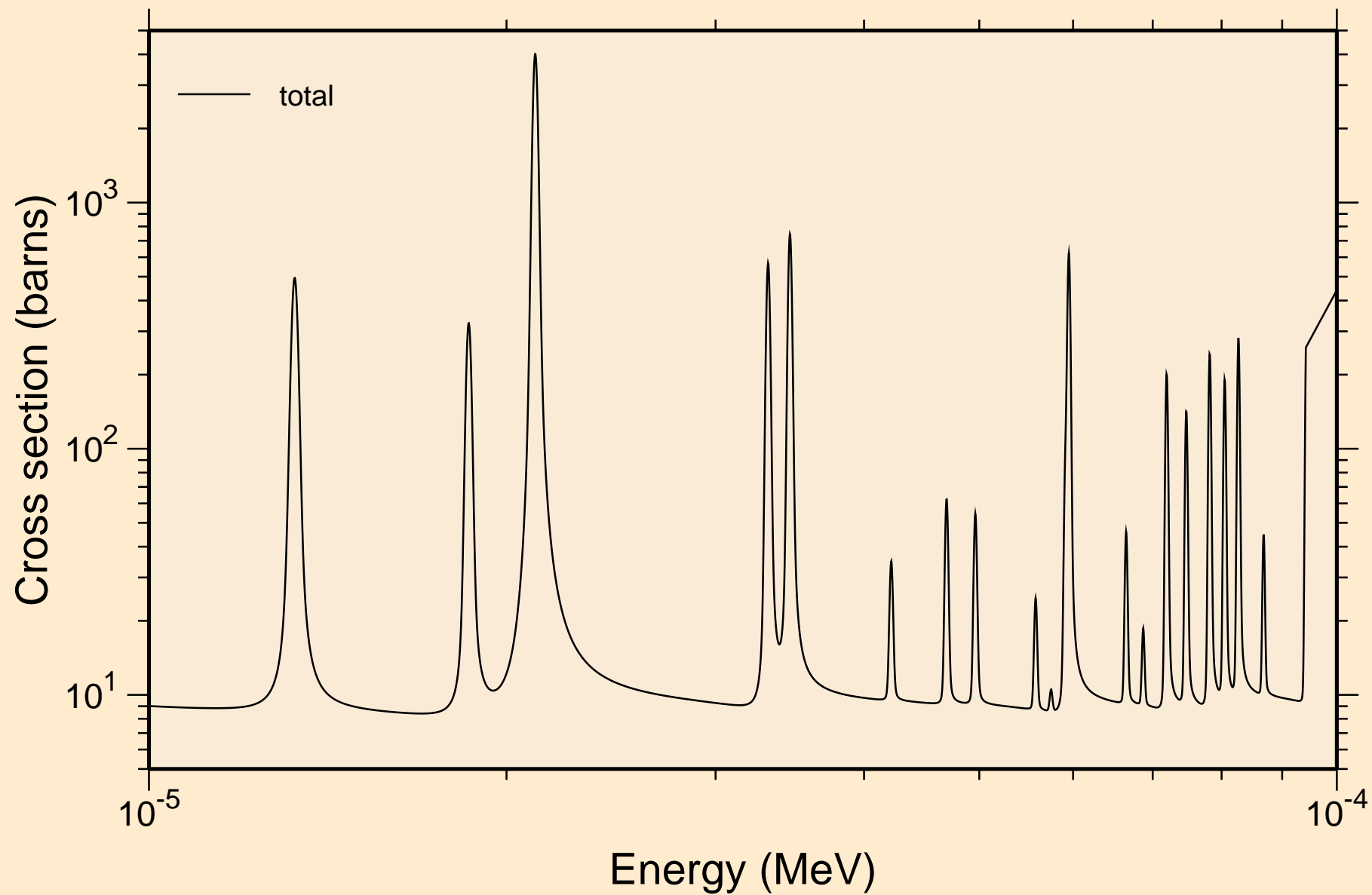
## Principal cross sections



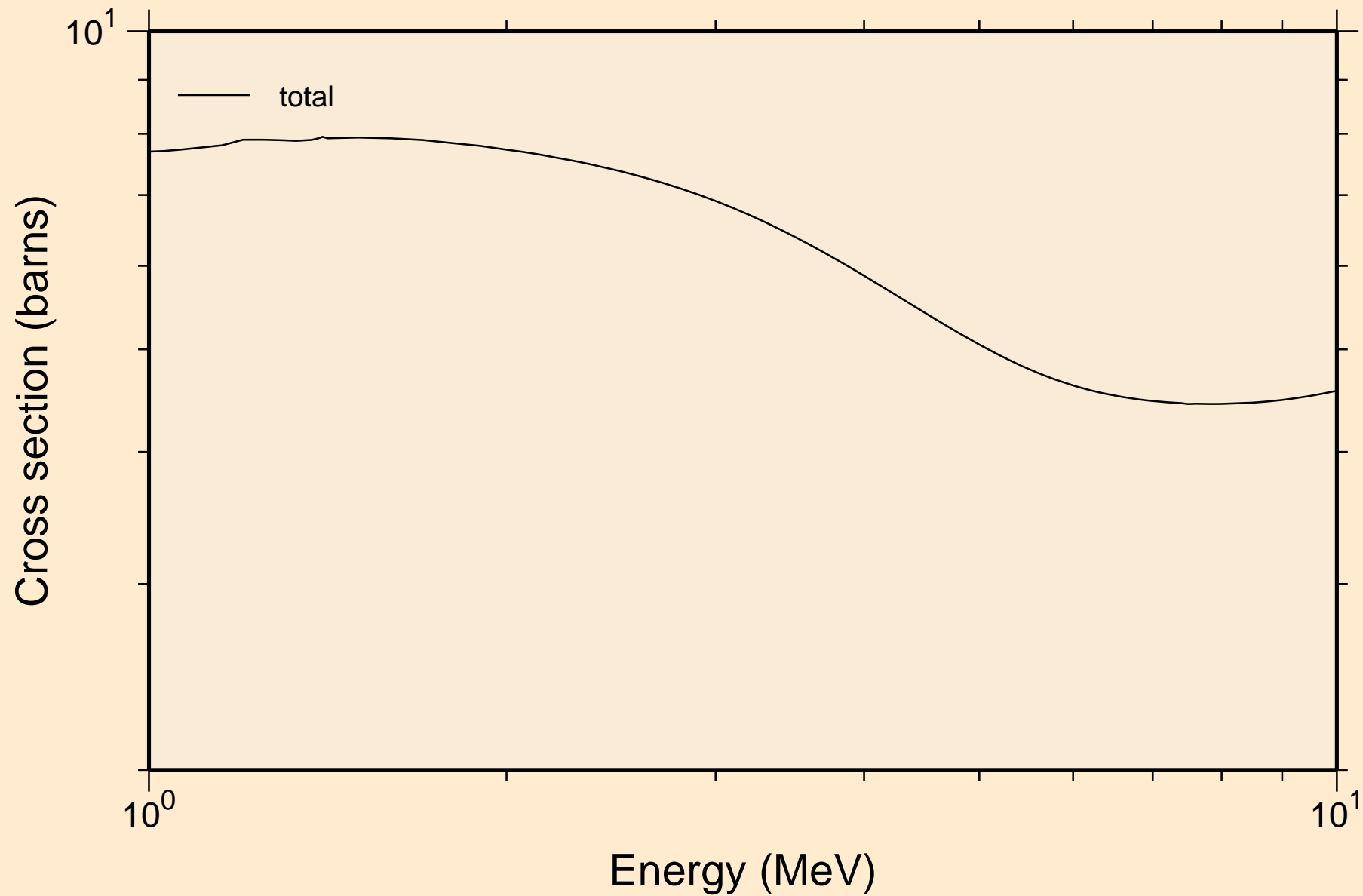
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



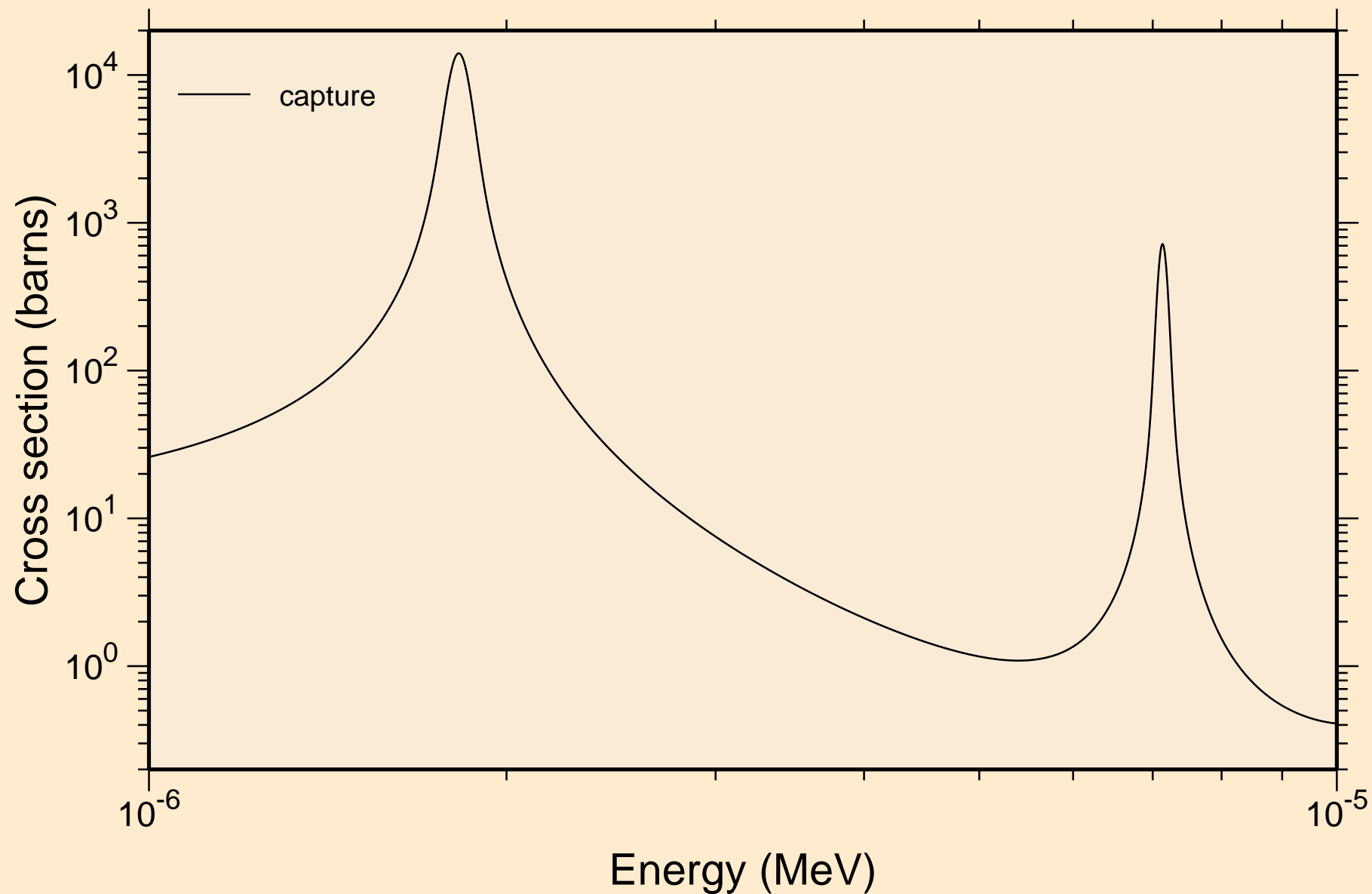
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



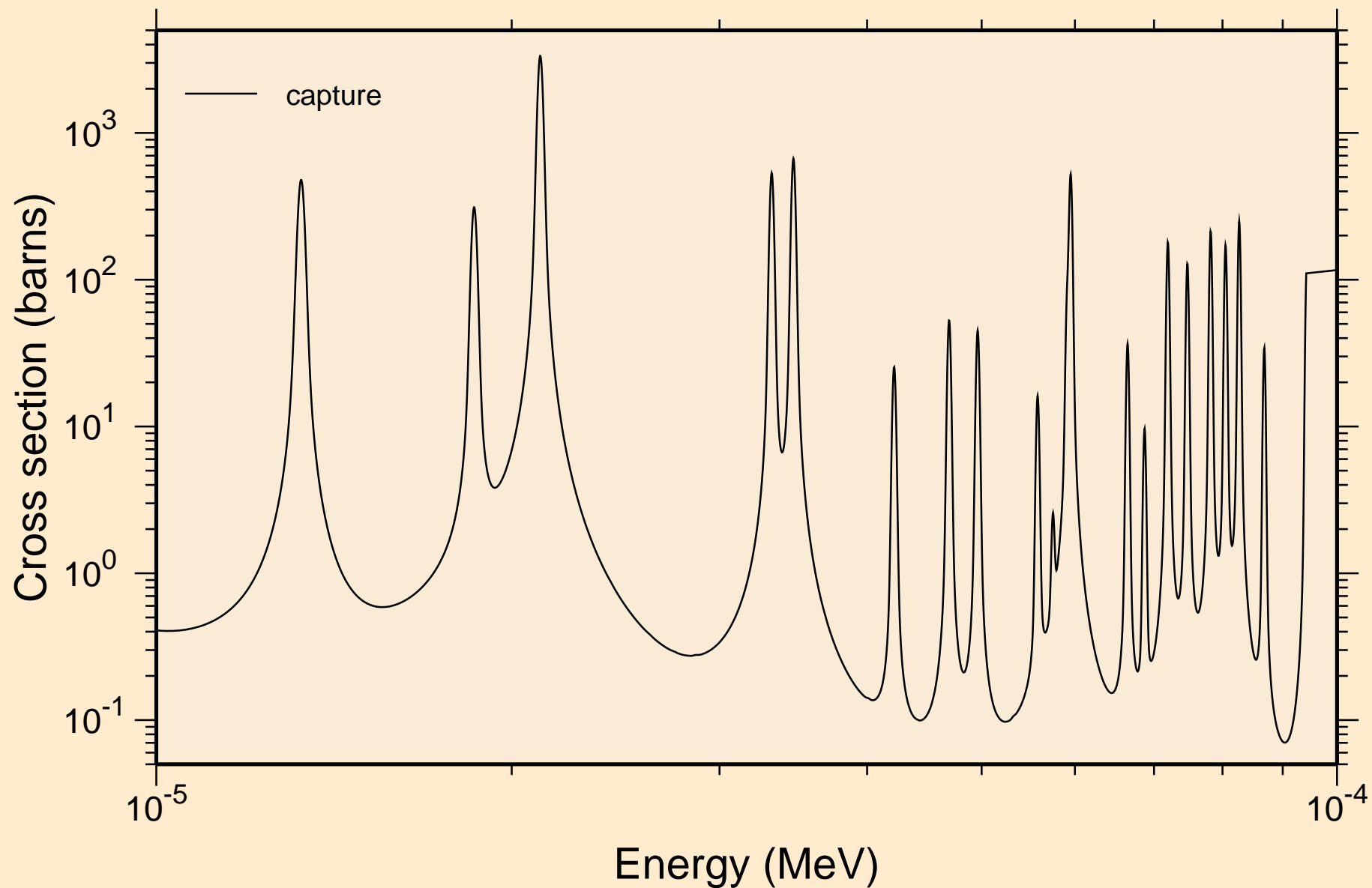
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



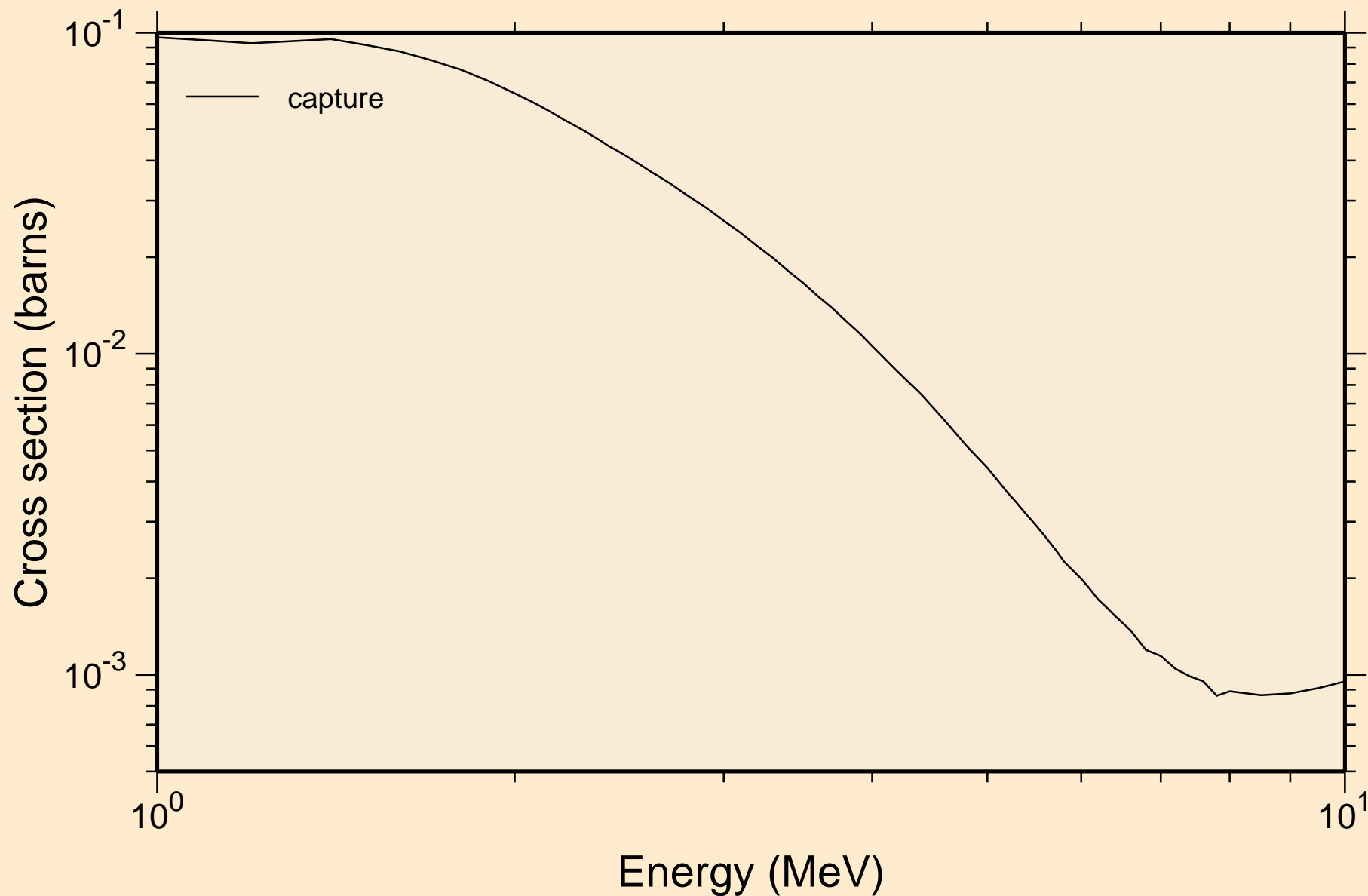
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

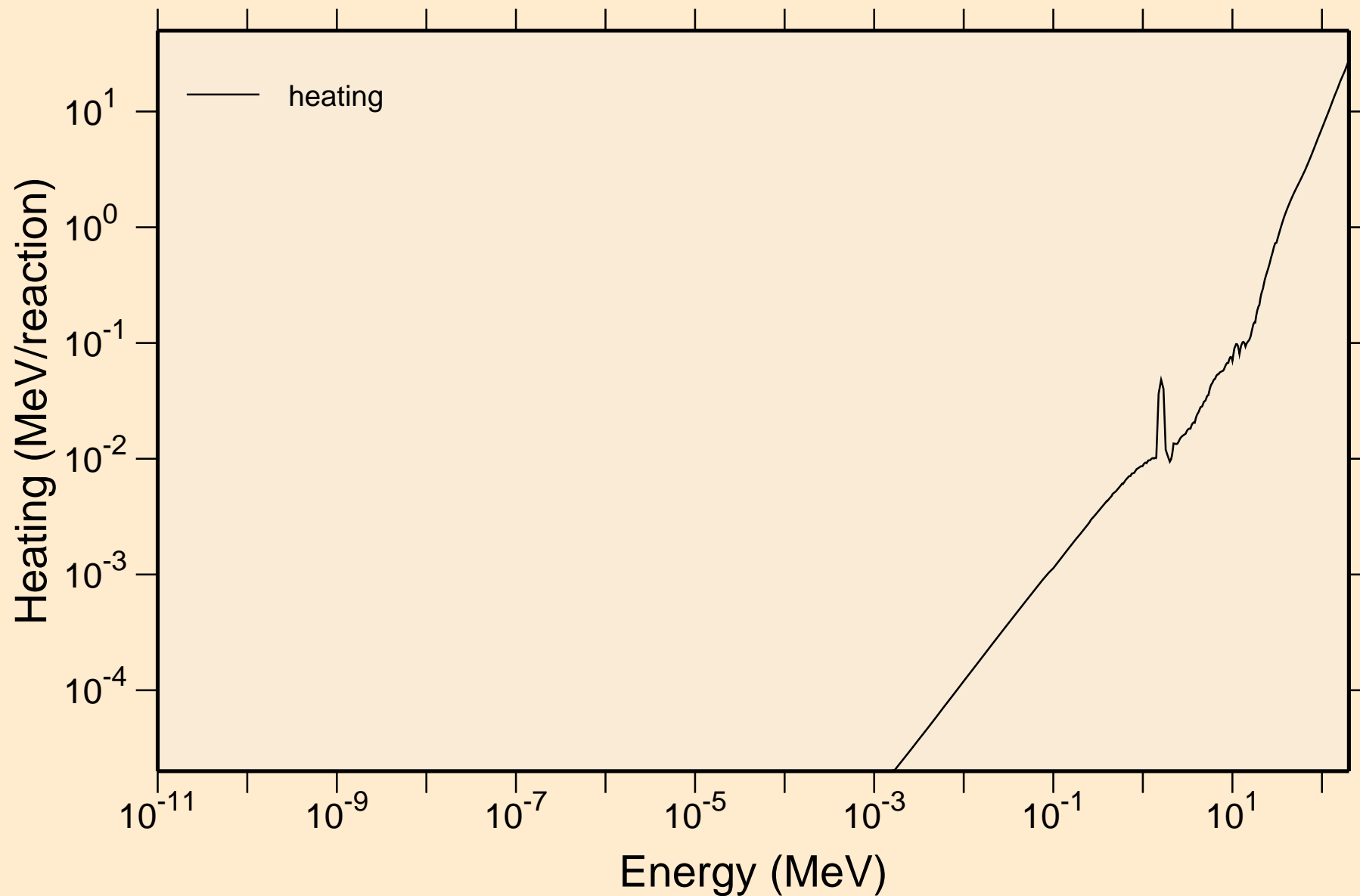


EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



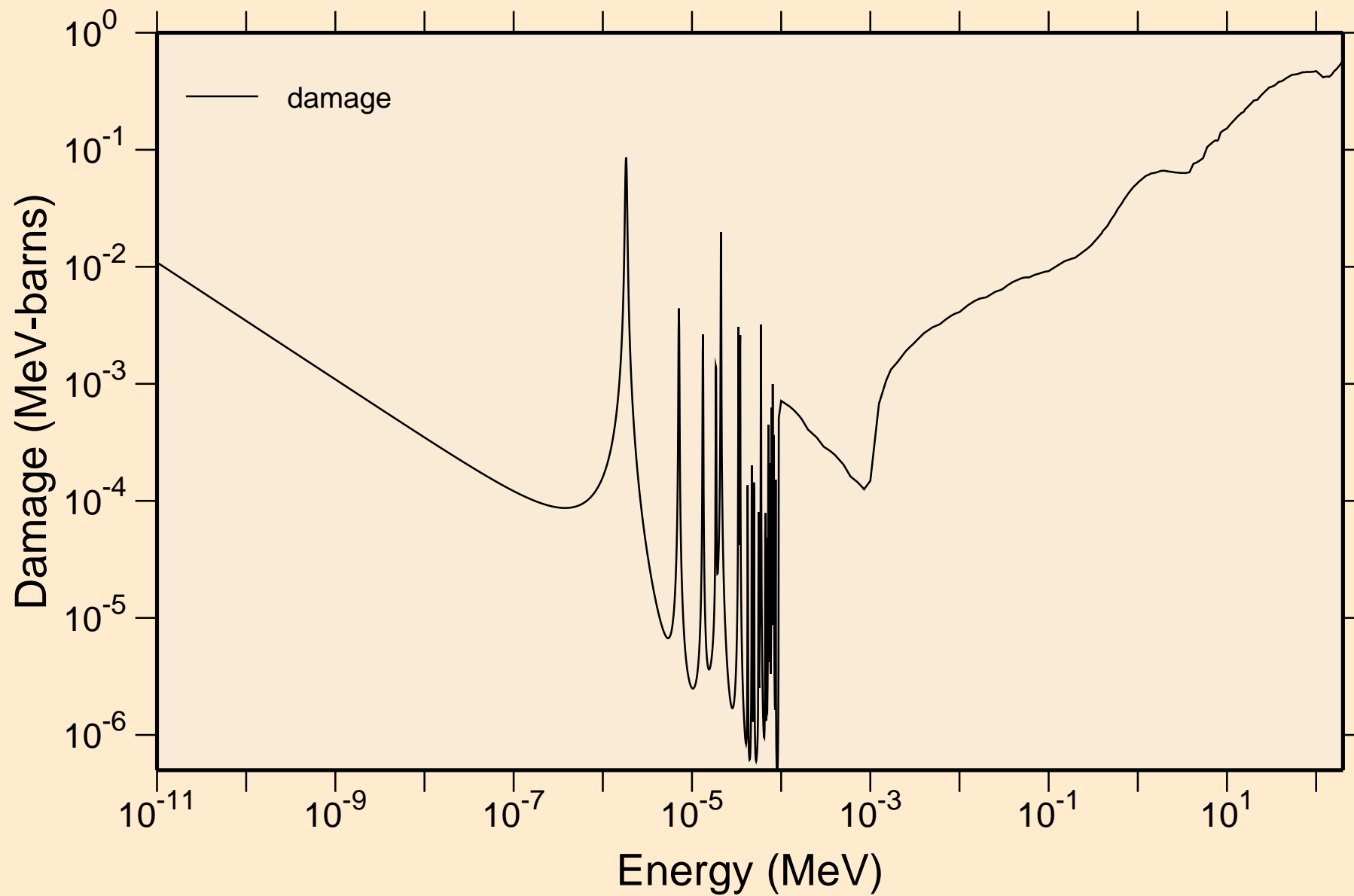
# EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

Heating

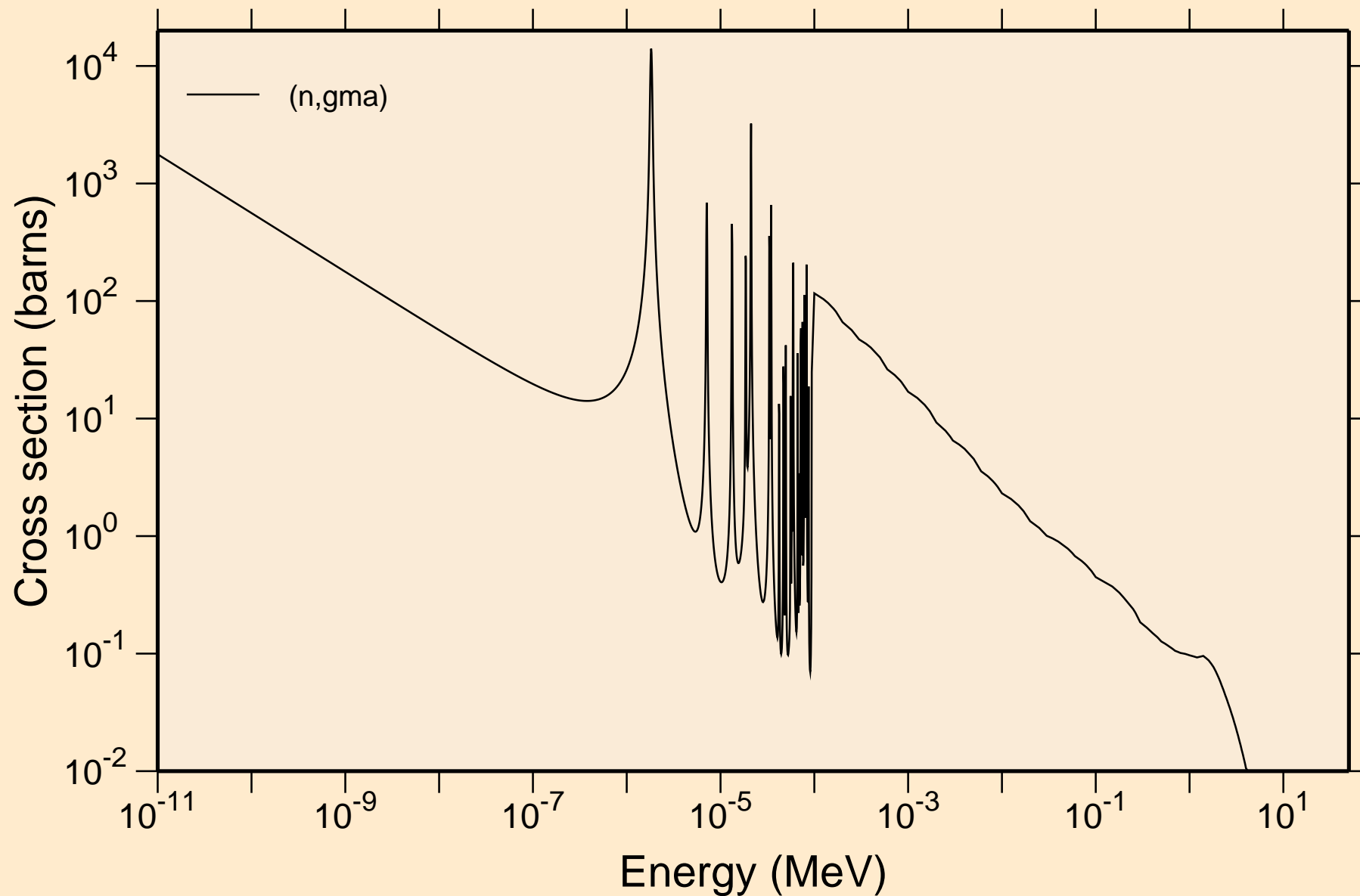




EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

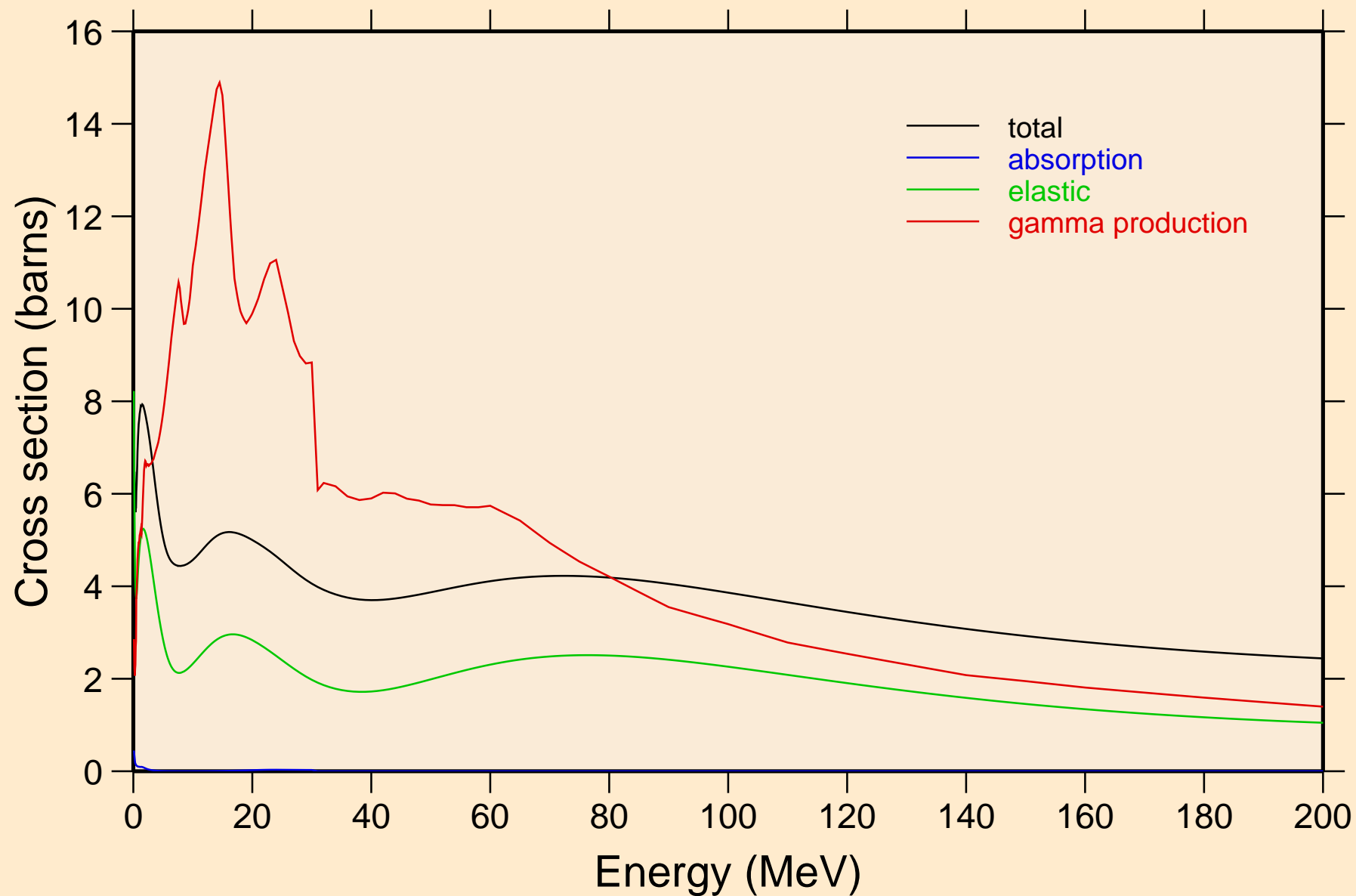


EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



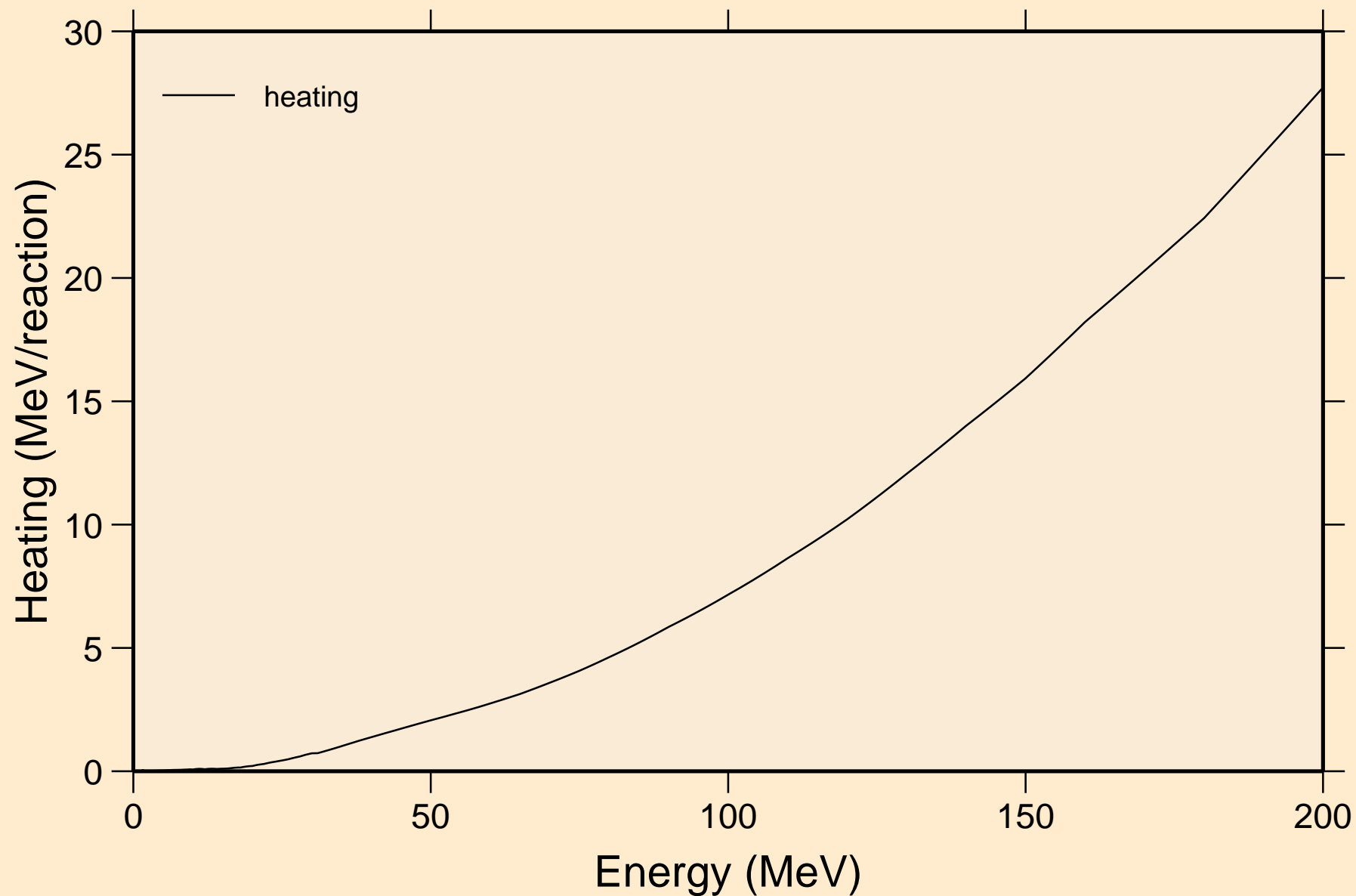
# EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Principal cross sections



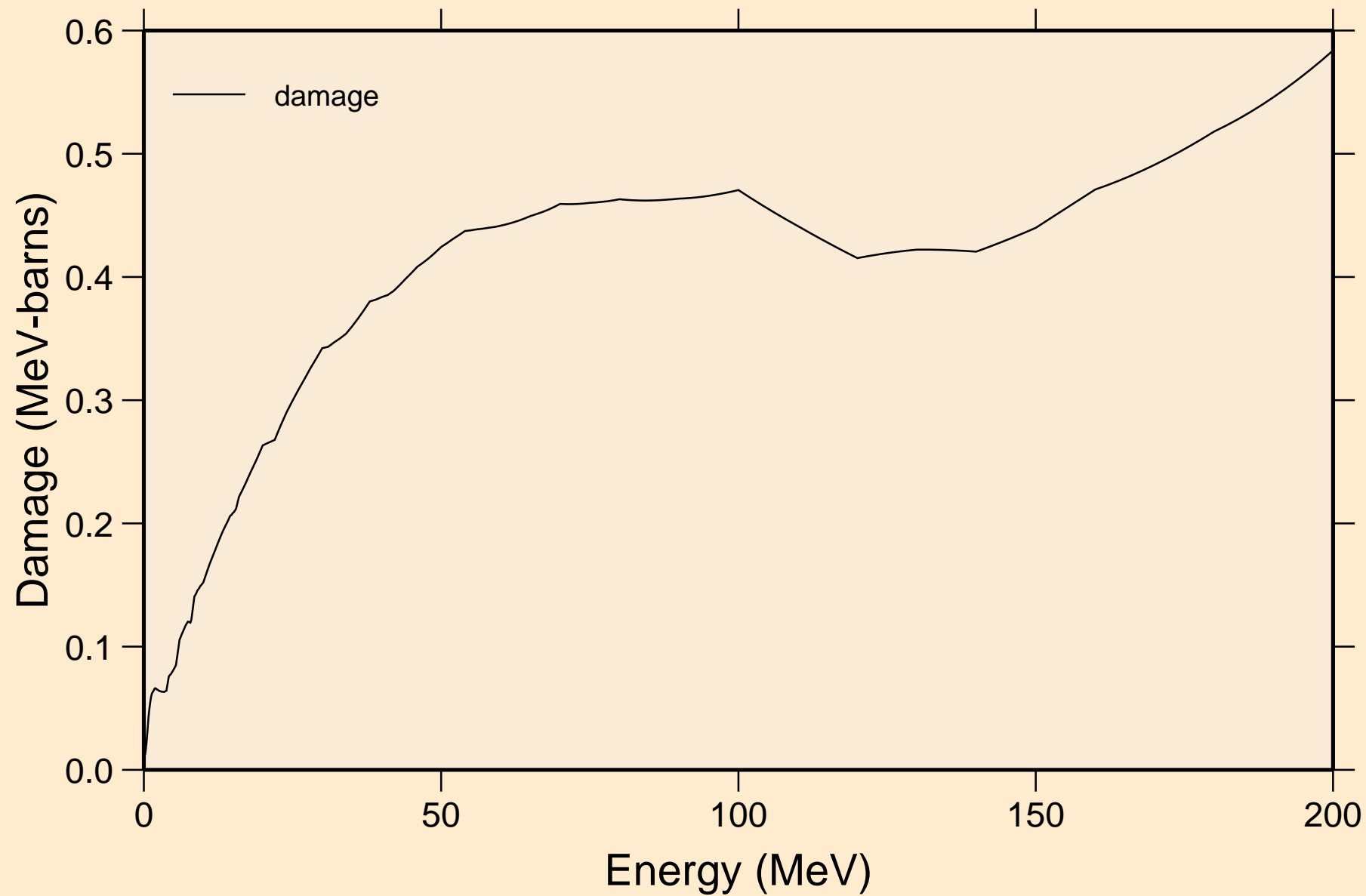
# EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

Heating

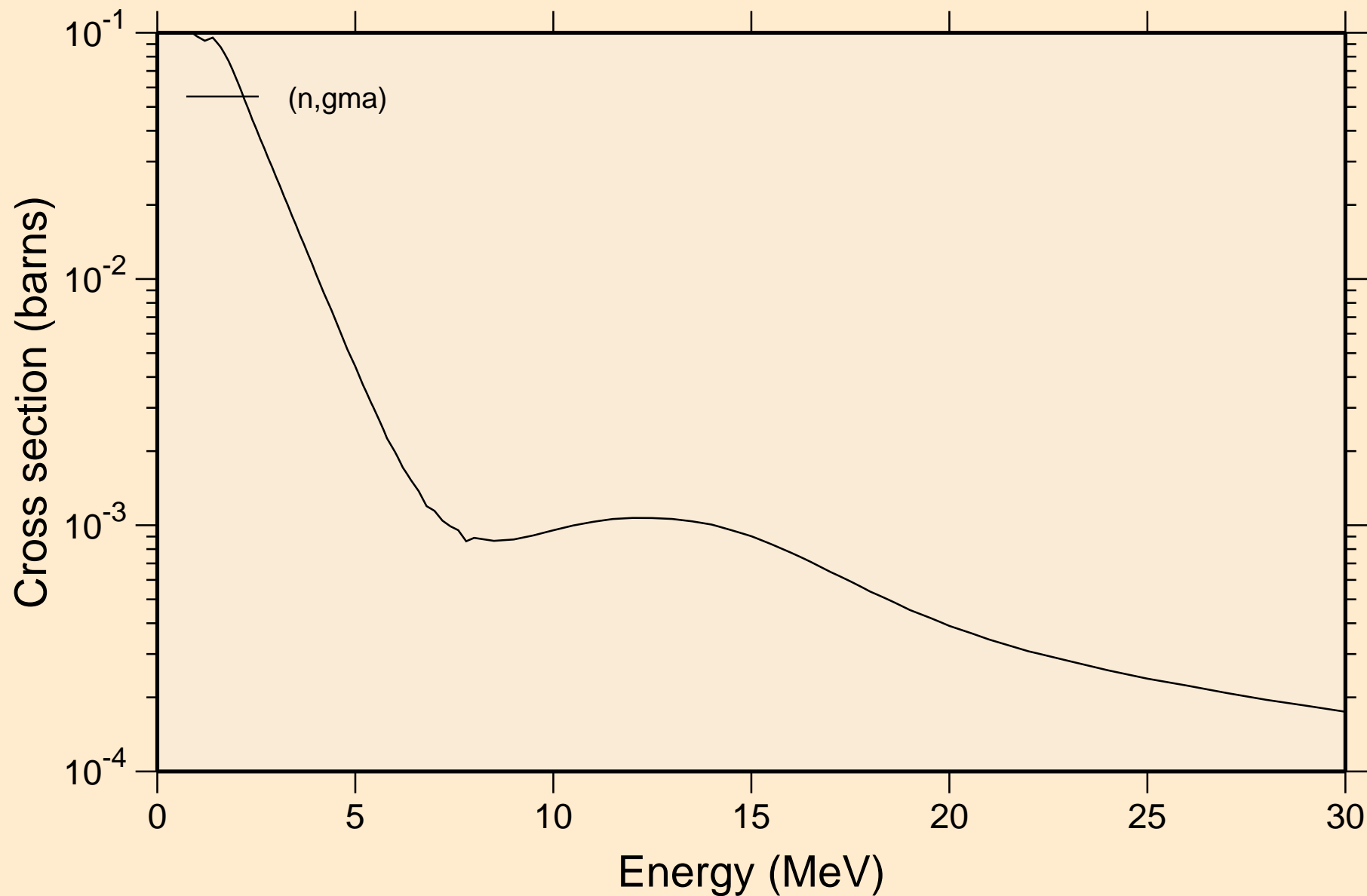


# EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Damage

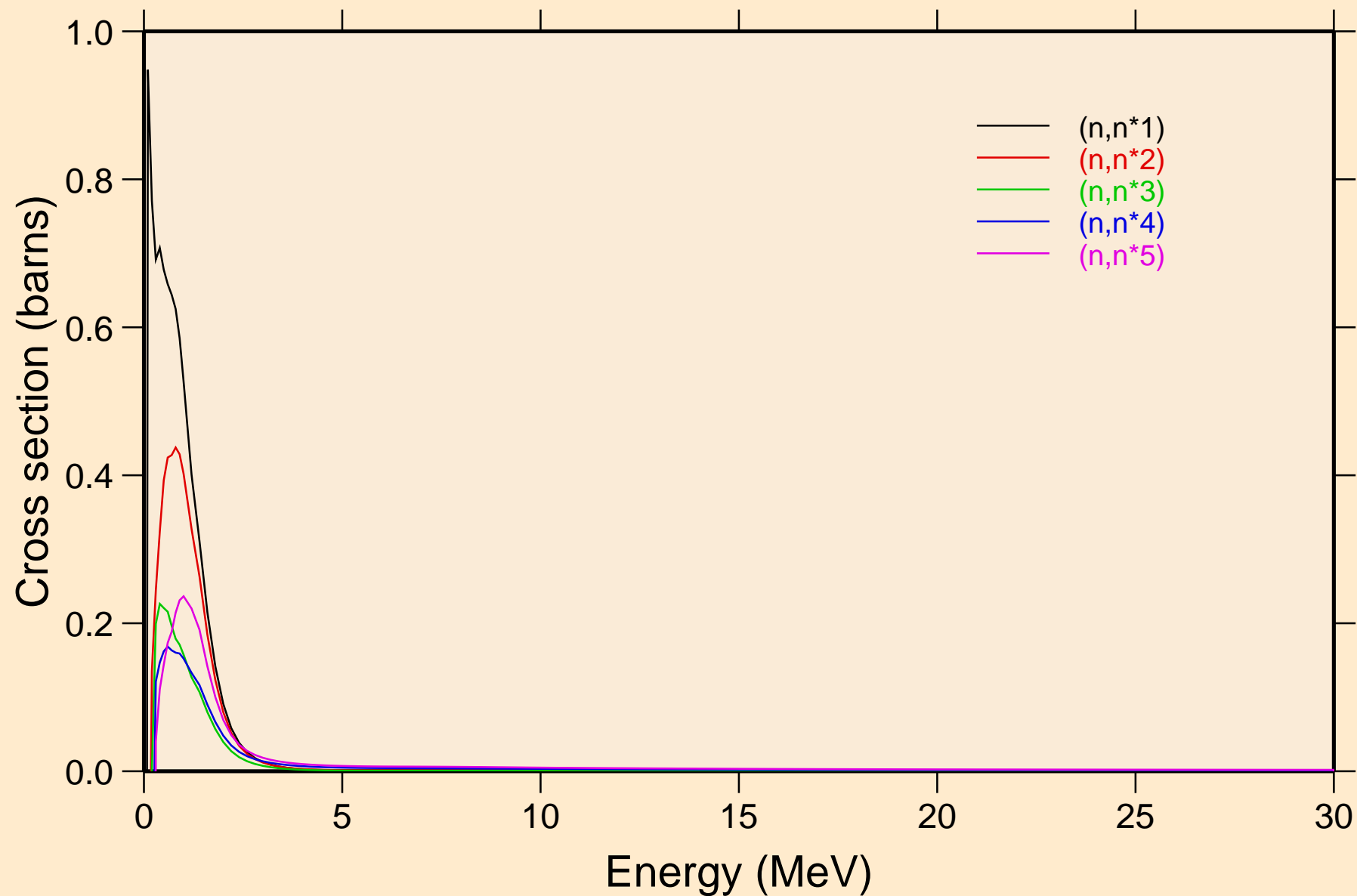


EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



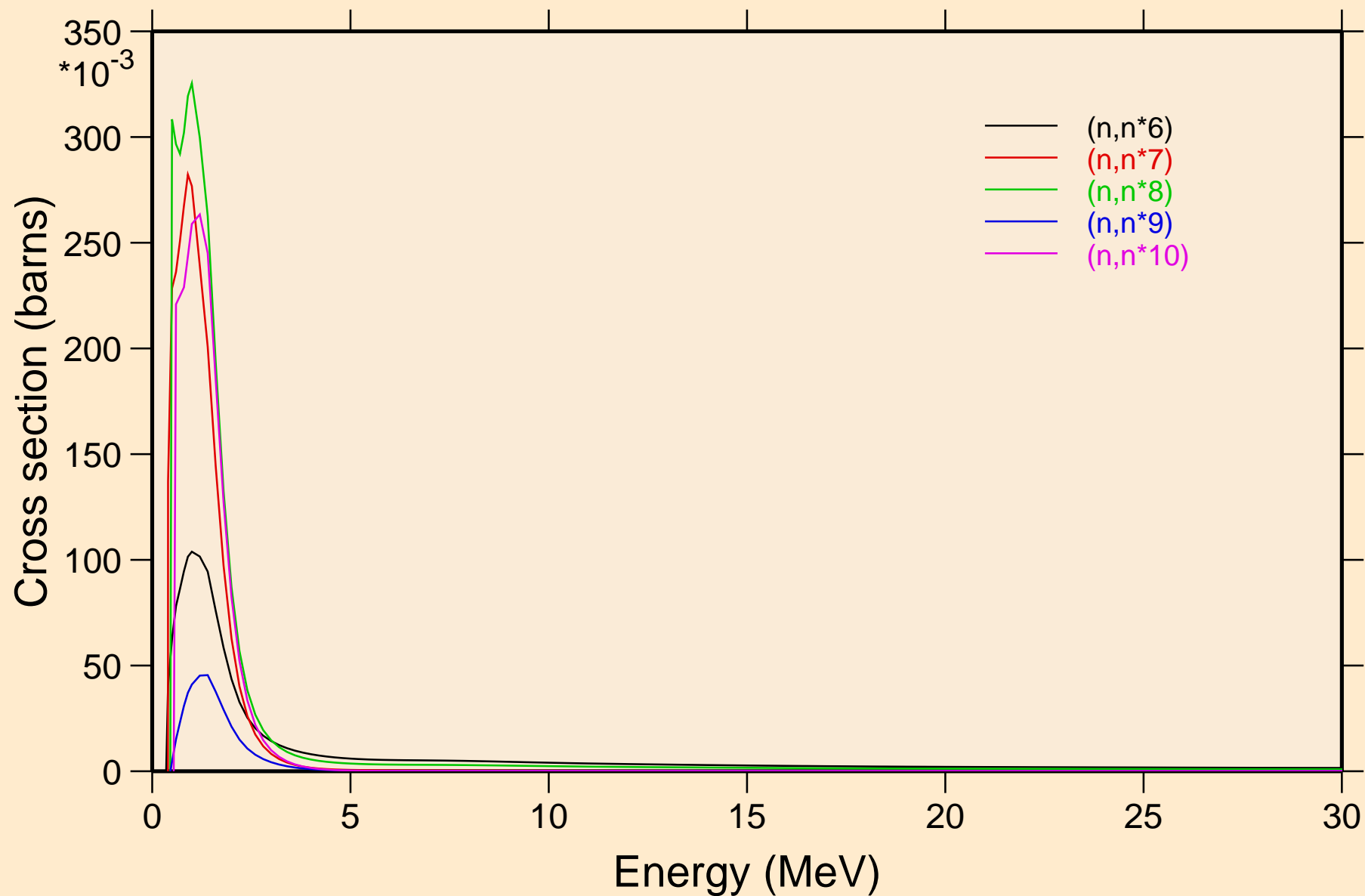
# EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

Inelastic levels



# EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

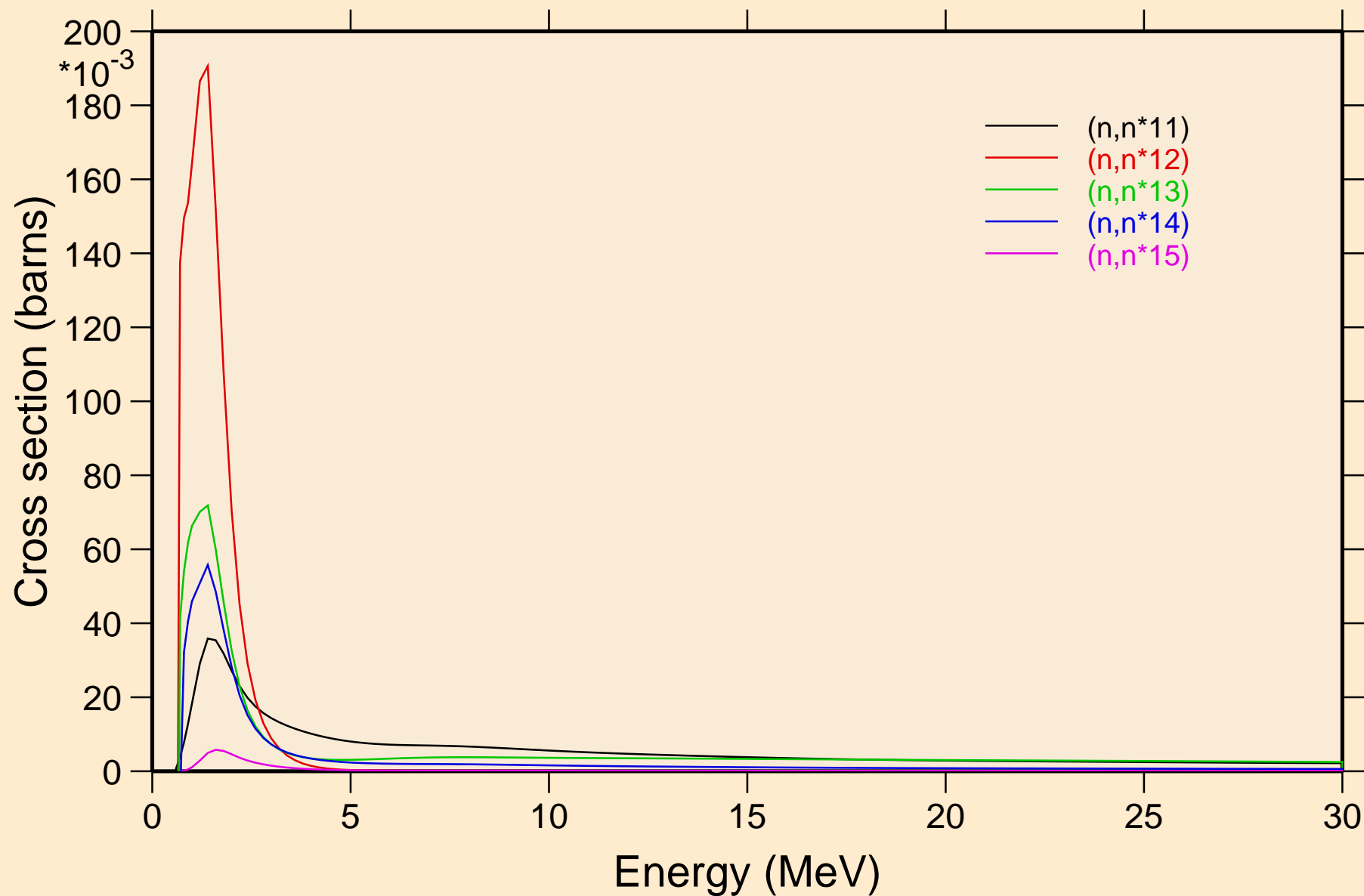
Inelastic levels



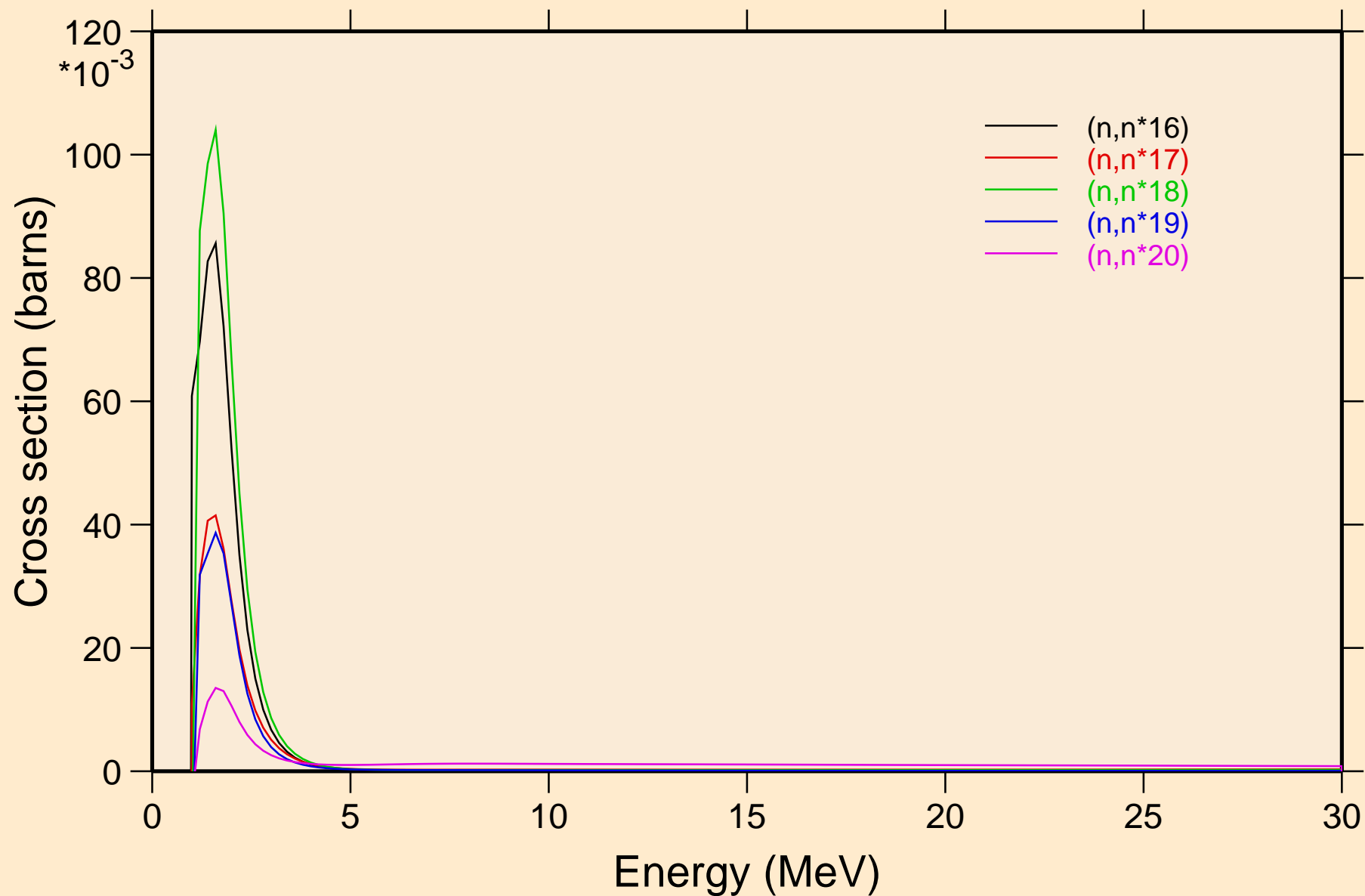


# EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Inelastic levels

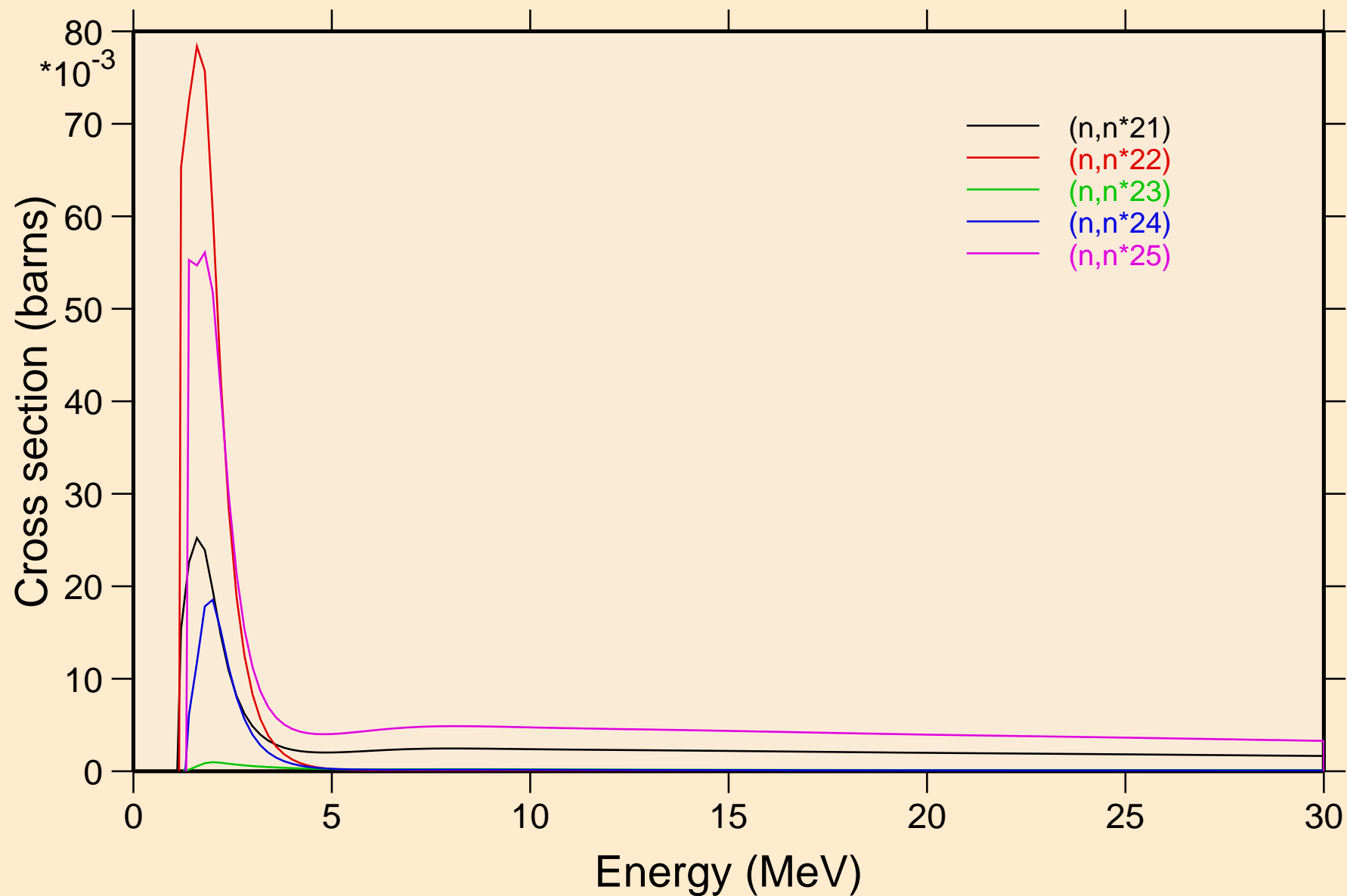


EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



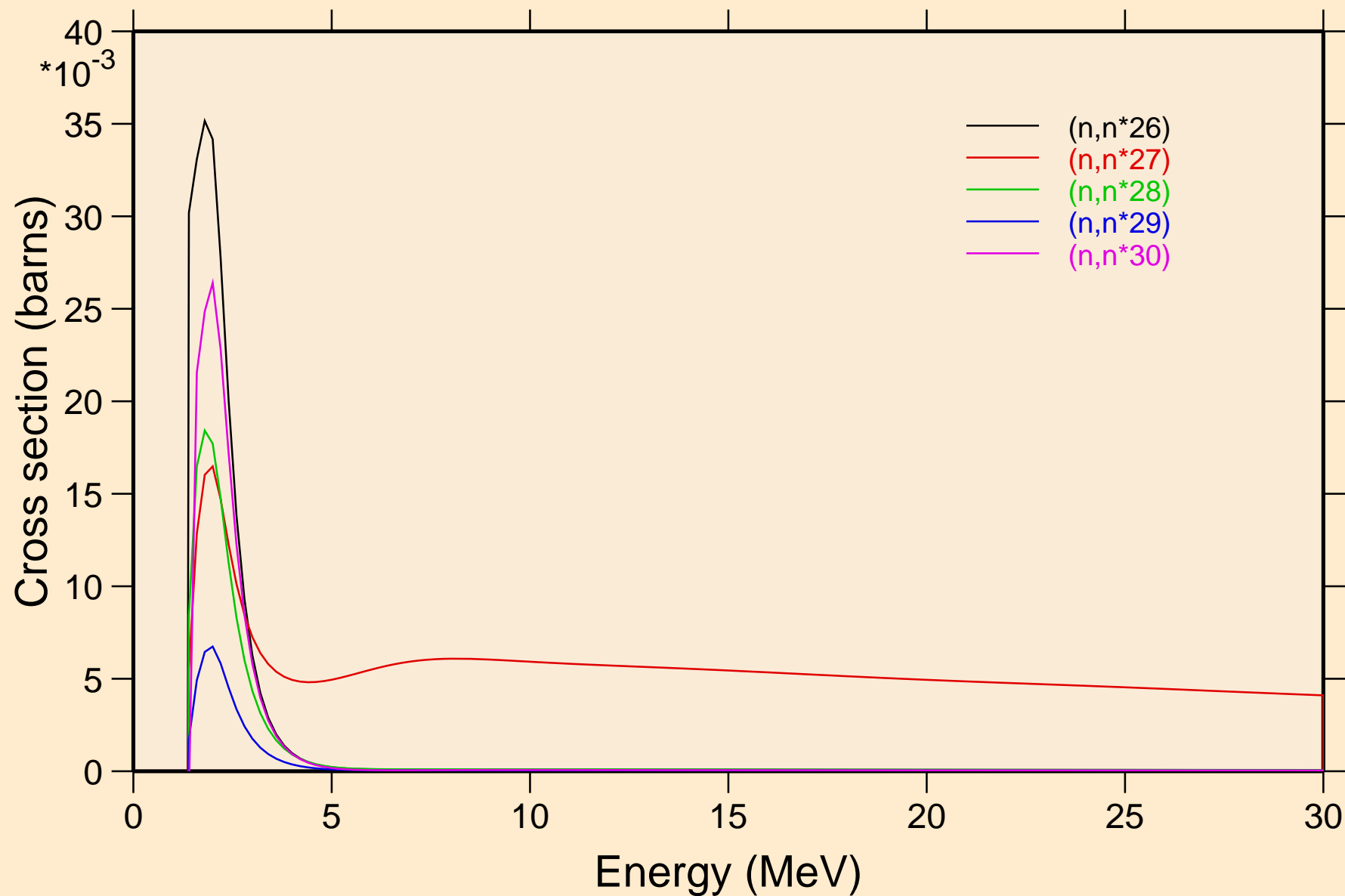
# EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Inelastic levels



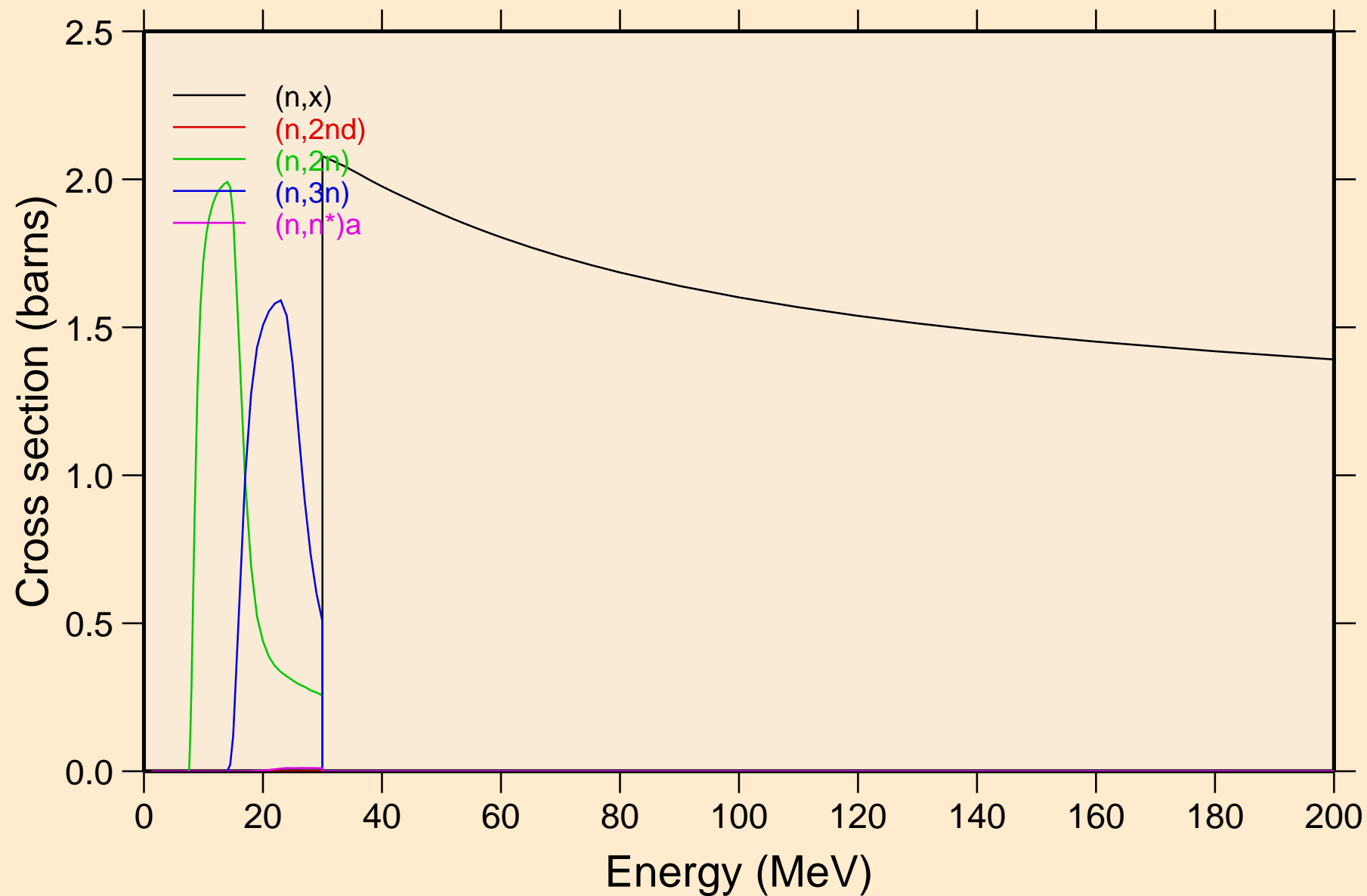
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Inelastic levels



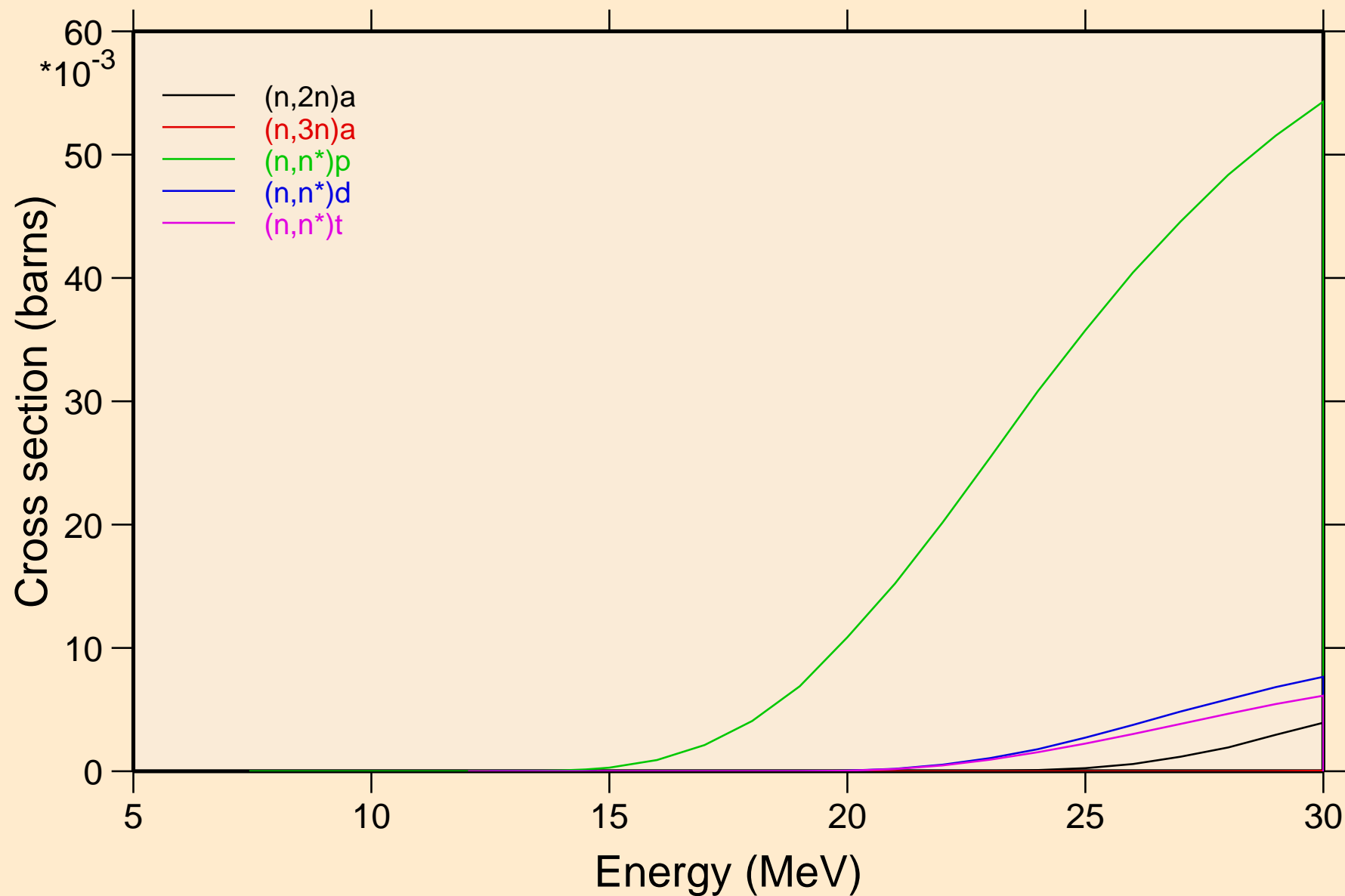
# EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions



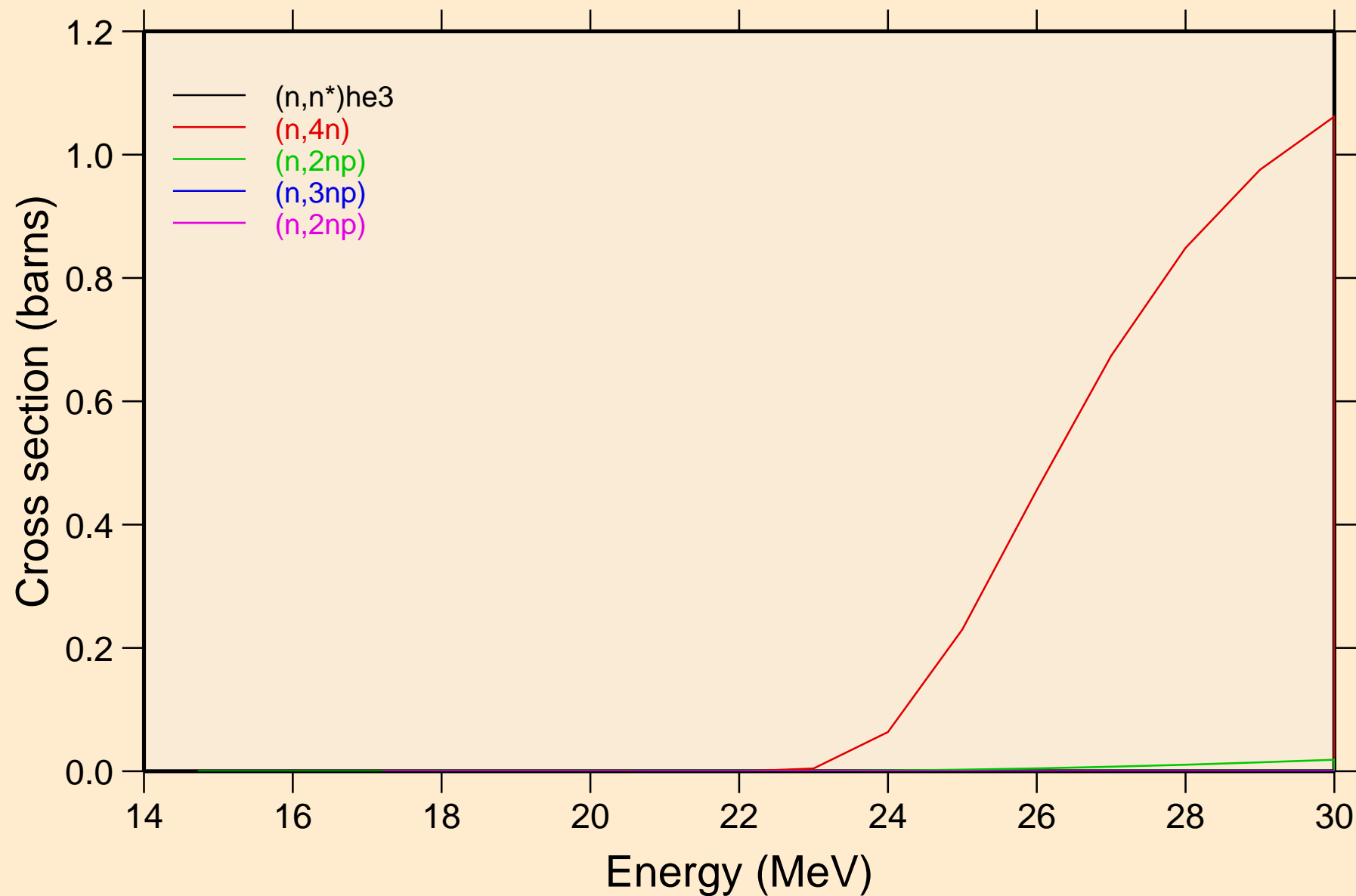
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## Threshold reactions



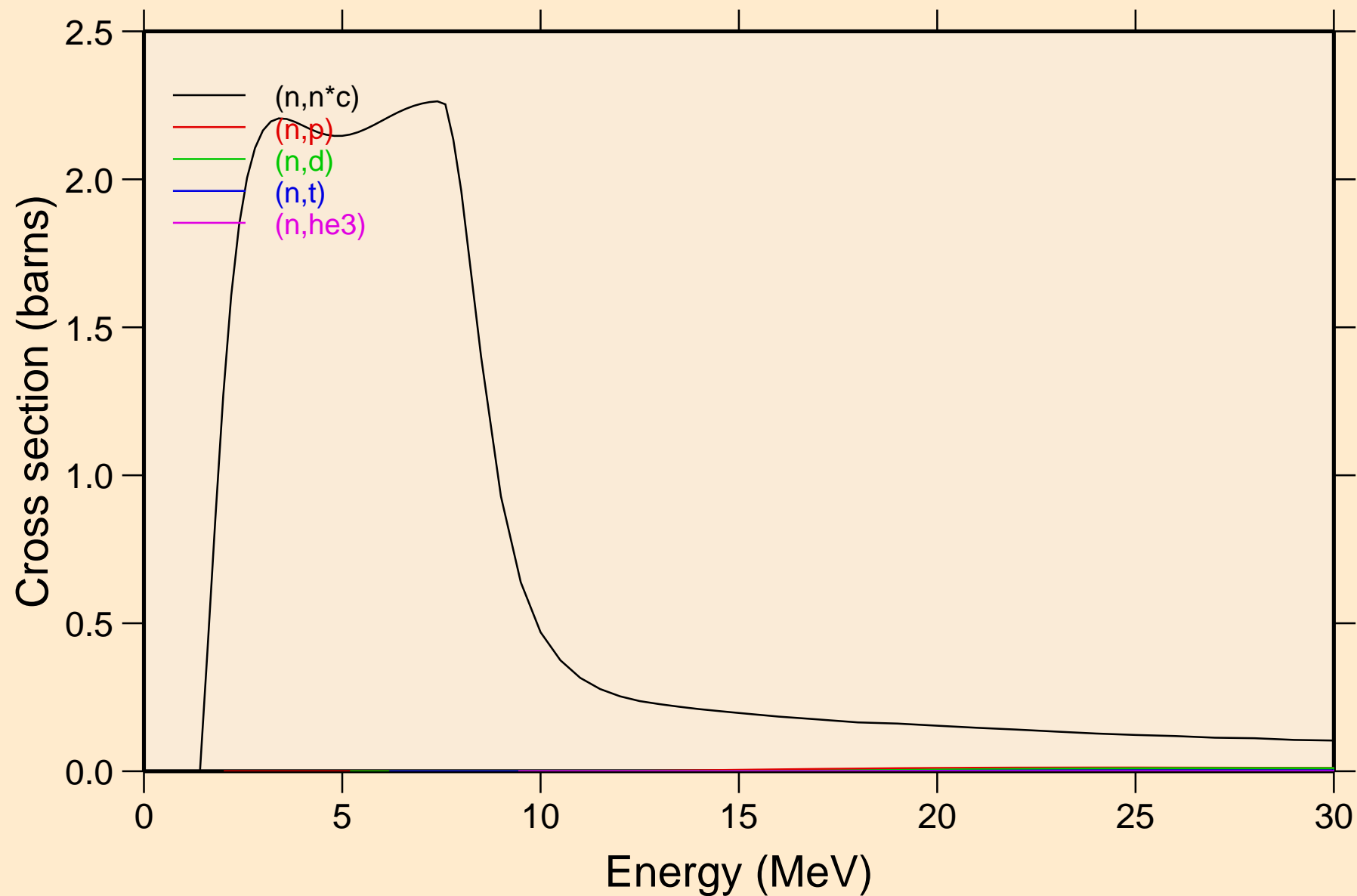
# EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions



# EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

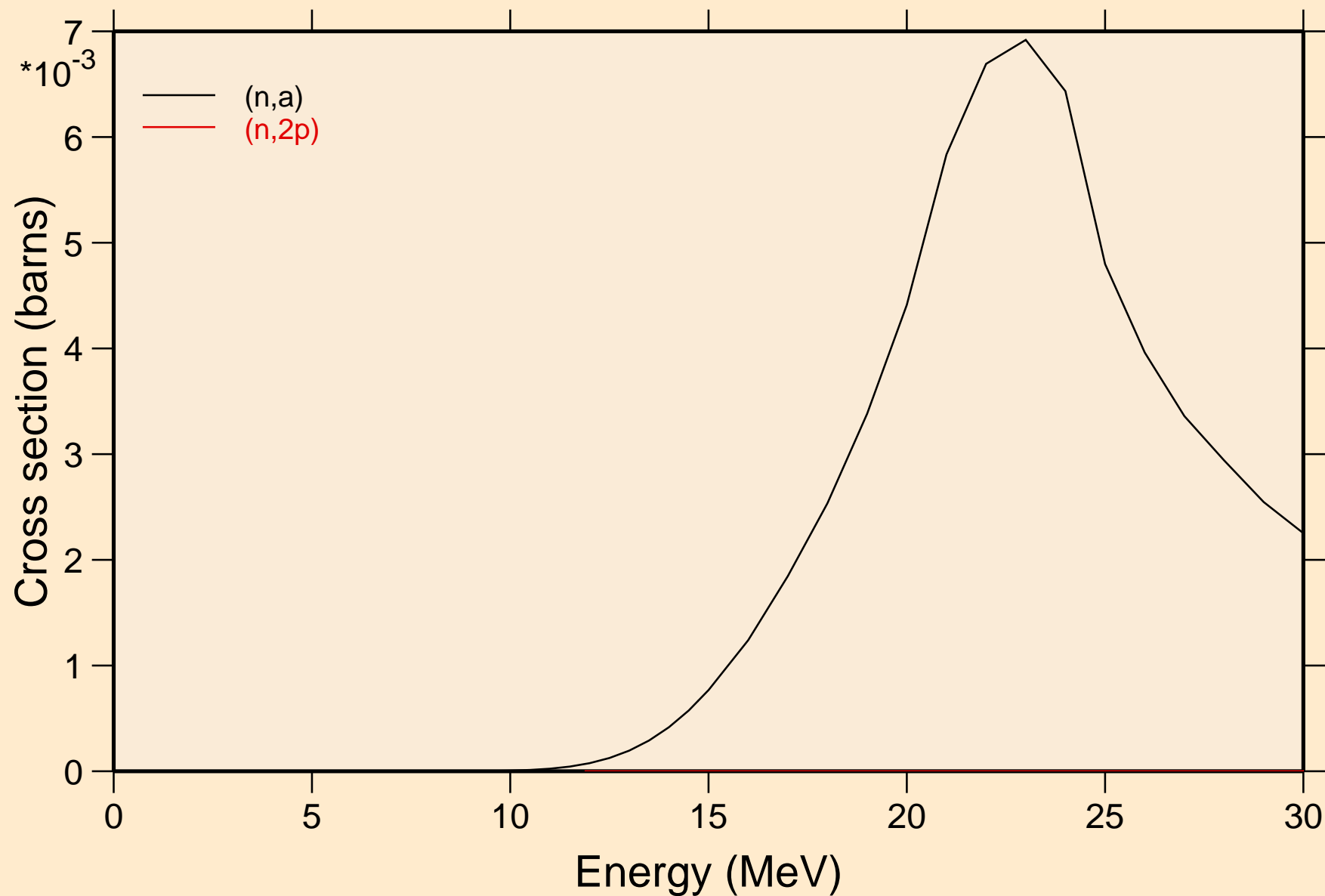
## Threshold reactions





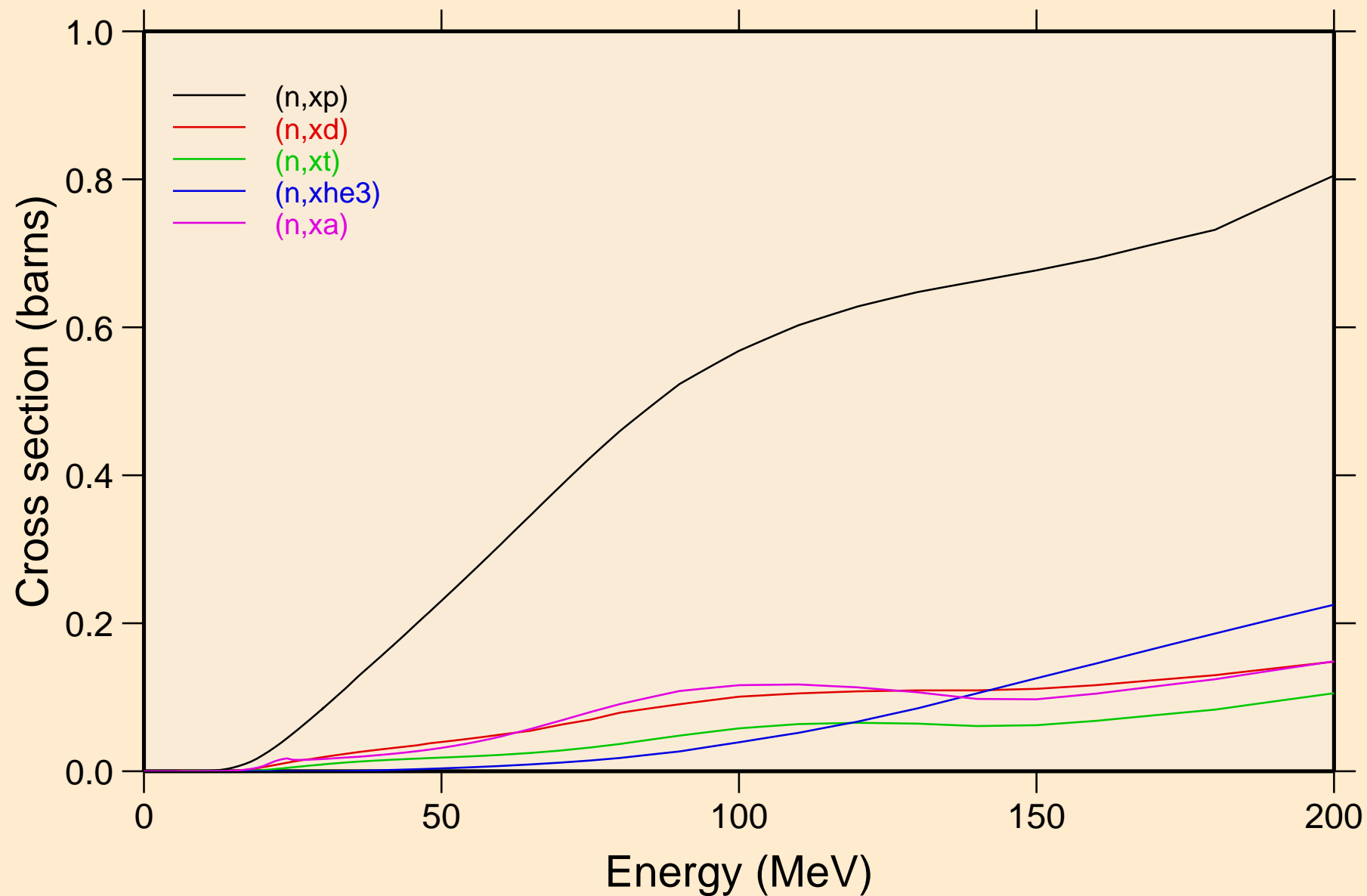
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## Threshold reactions

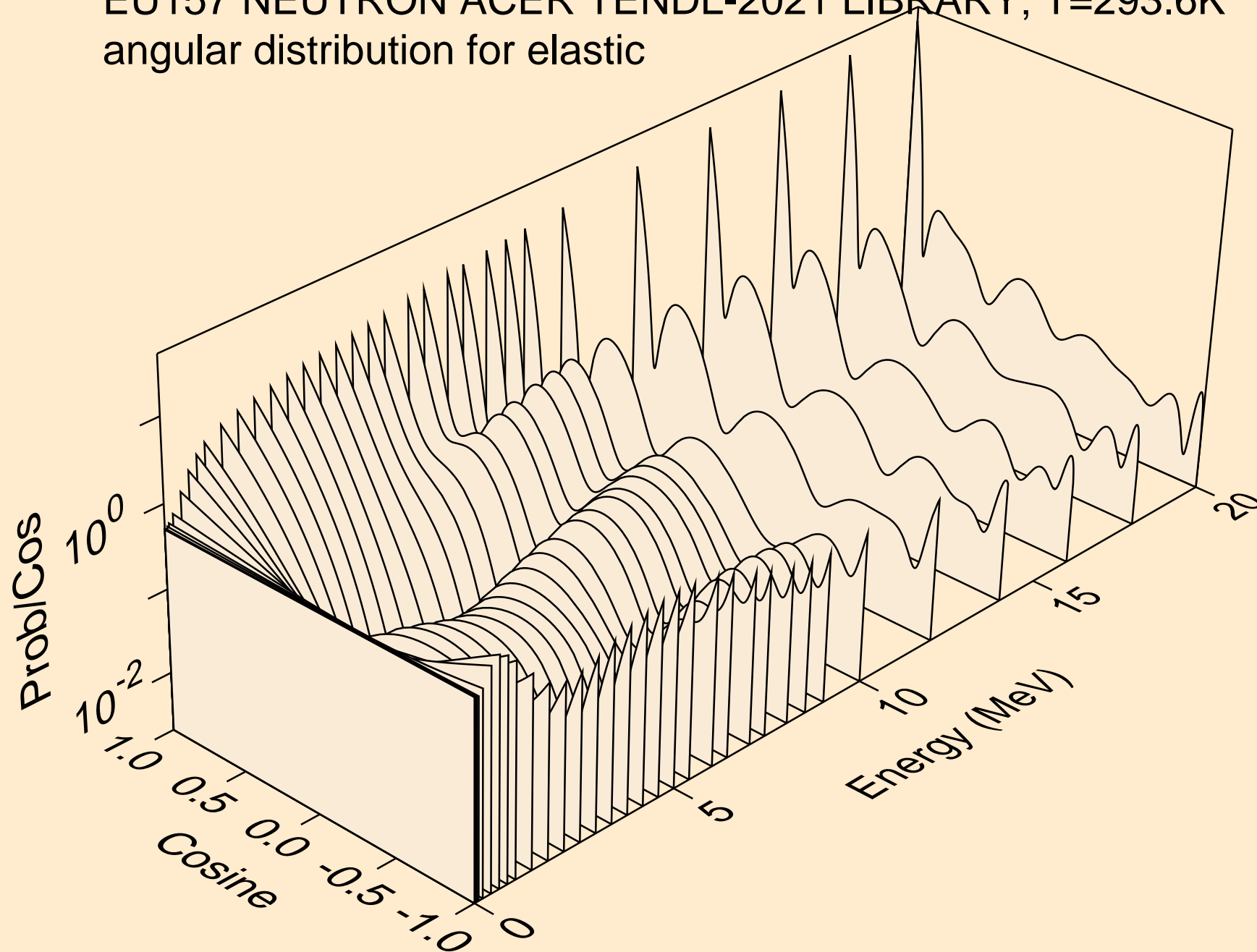


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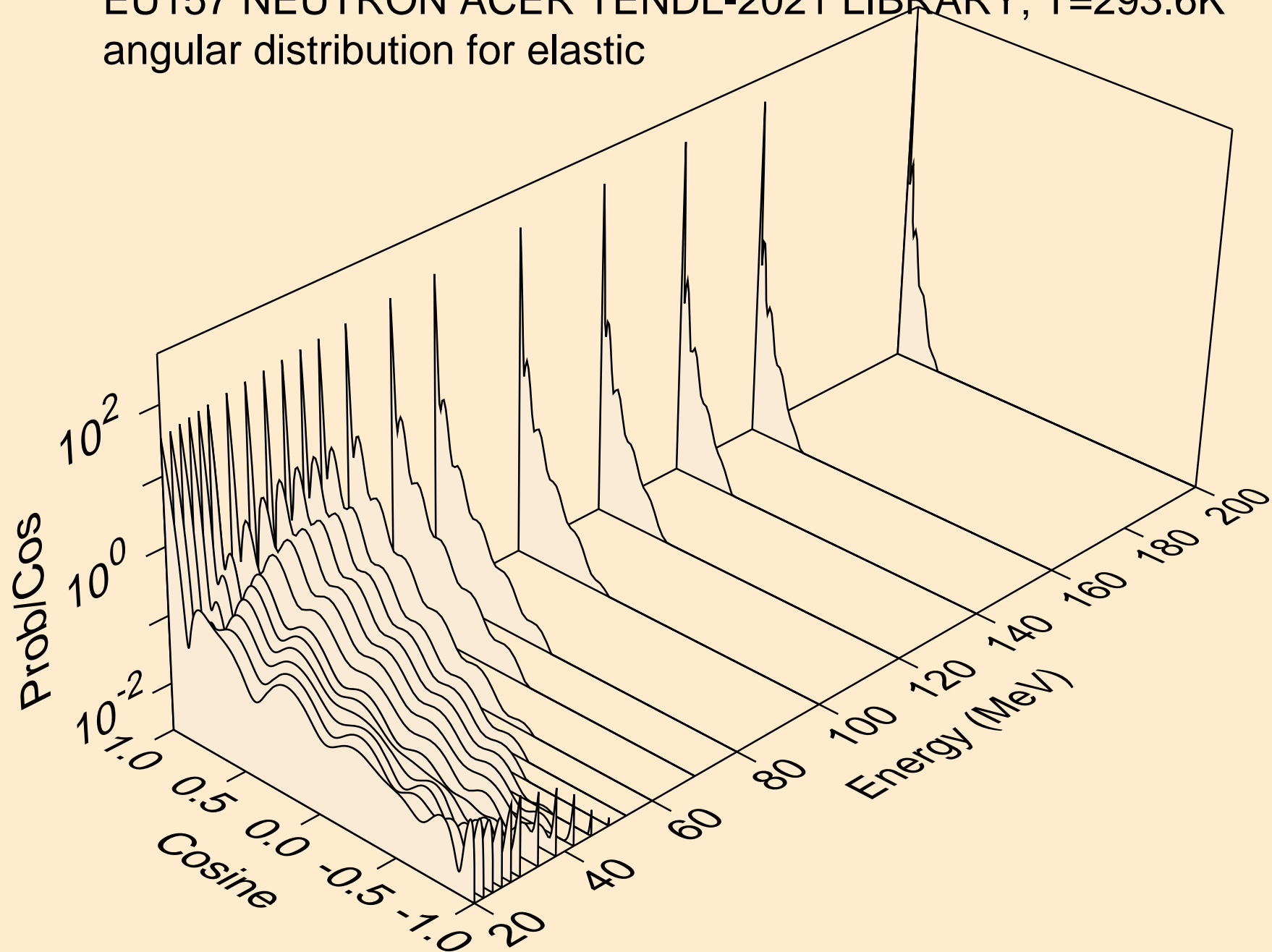
## Threshold reactions



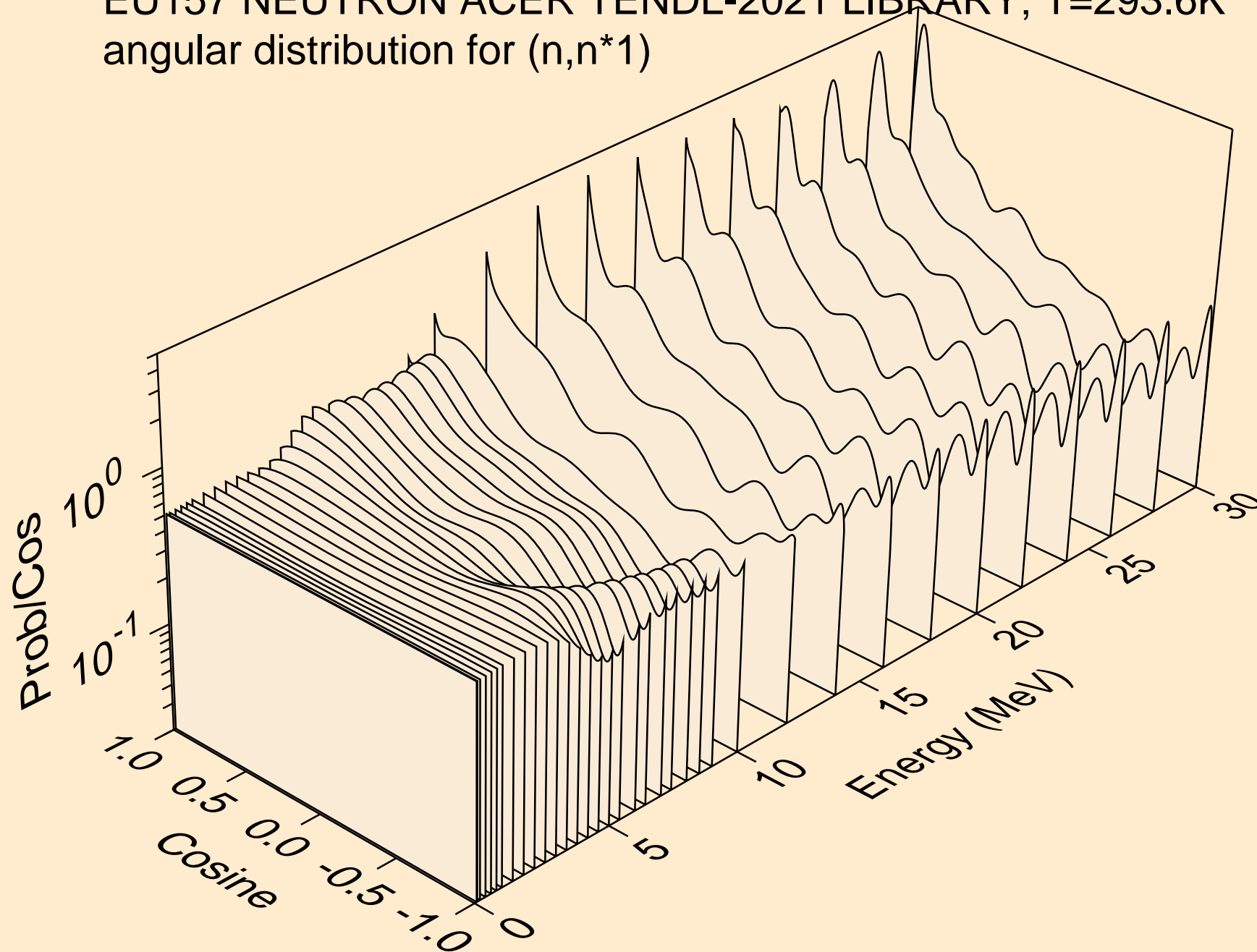
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



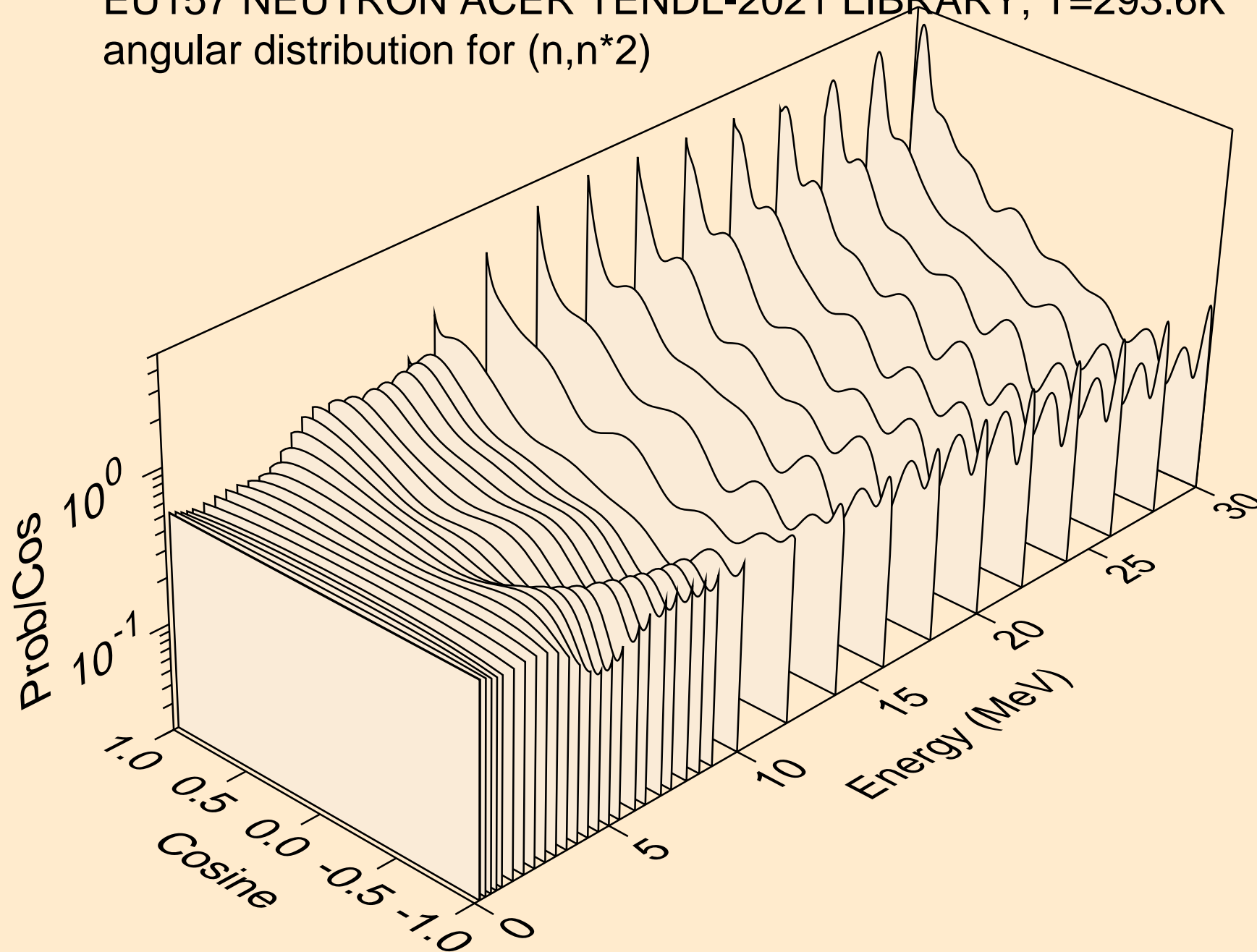
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



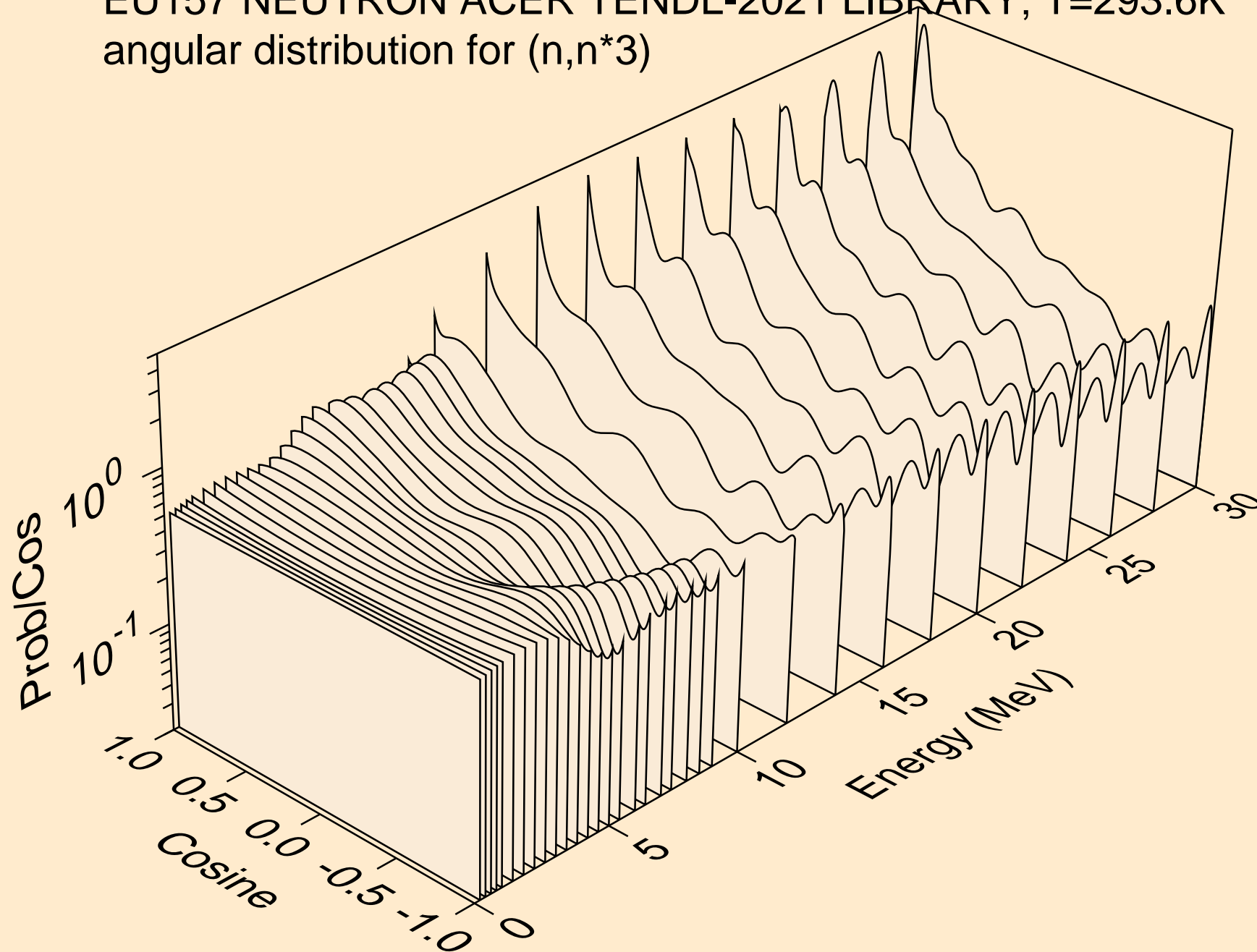
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



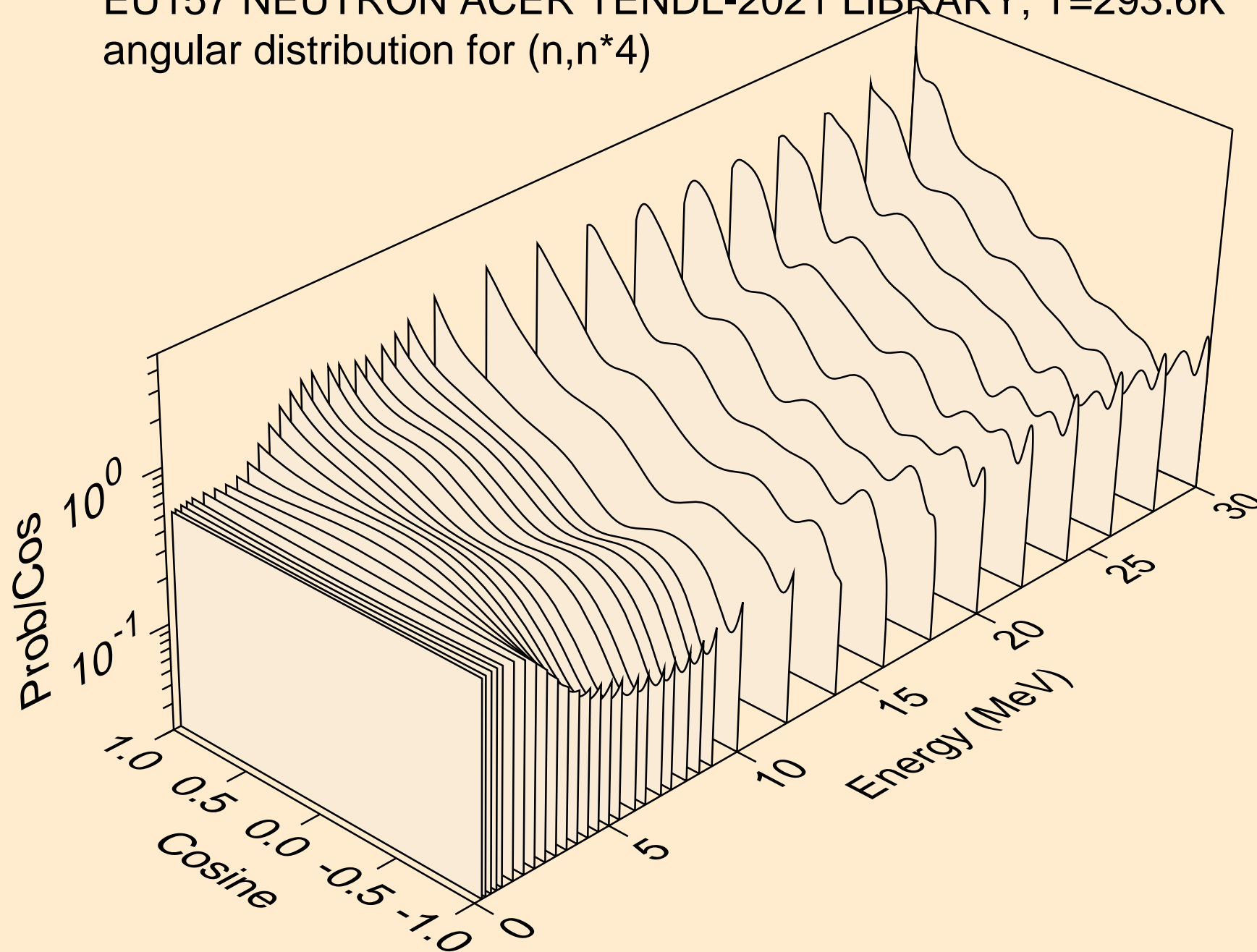
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)

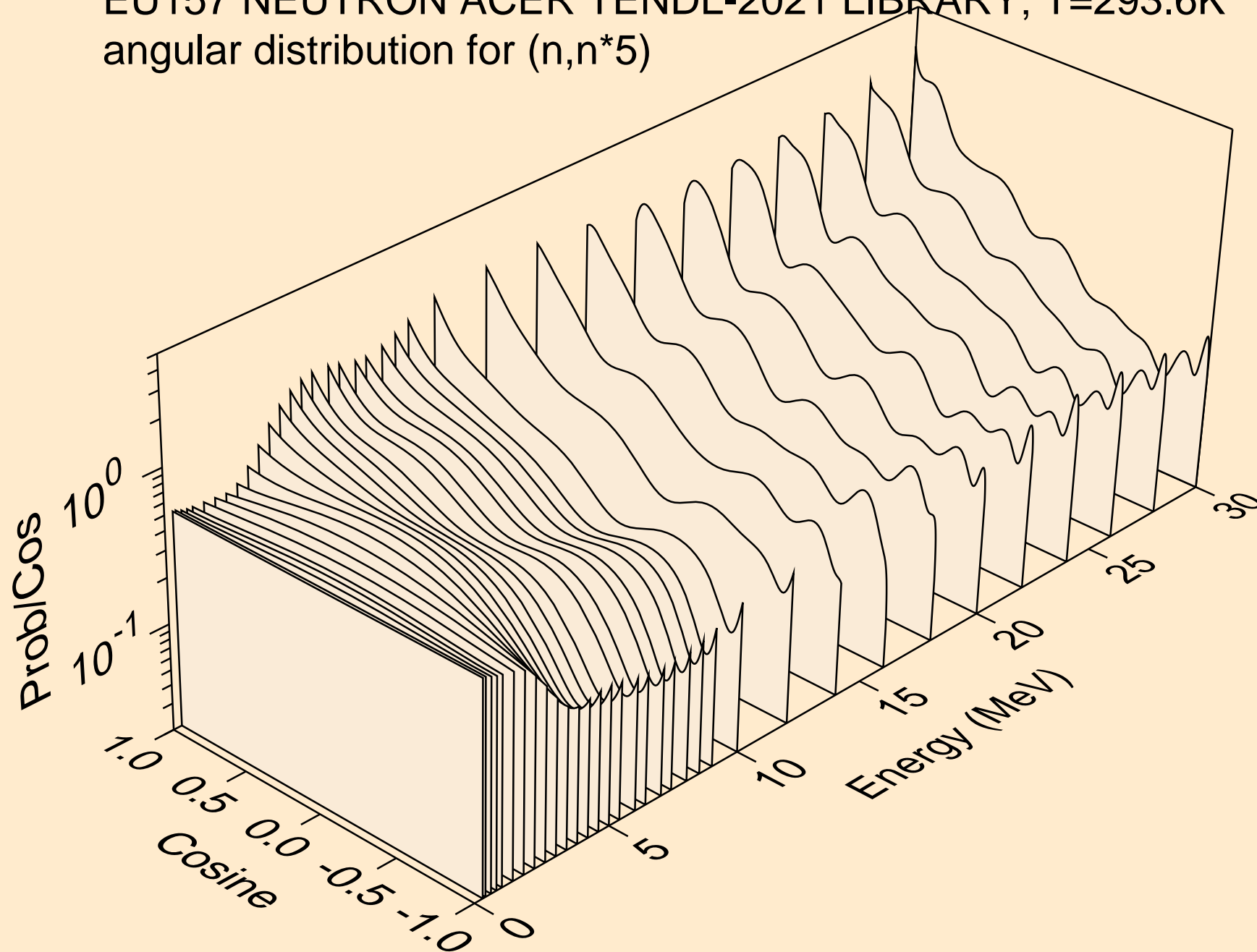


EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)

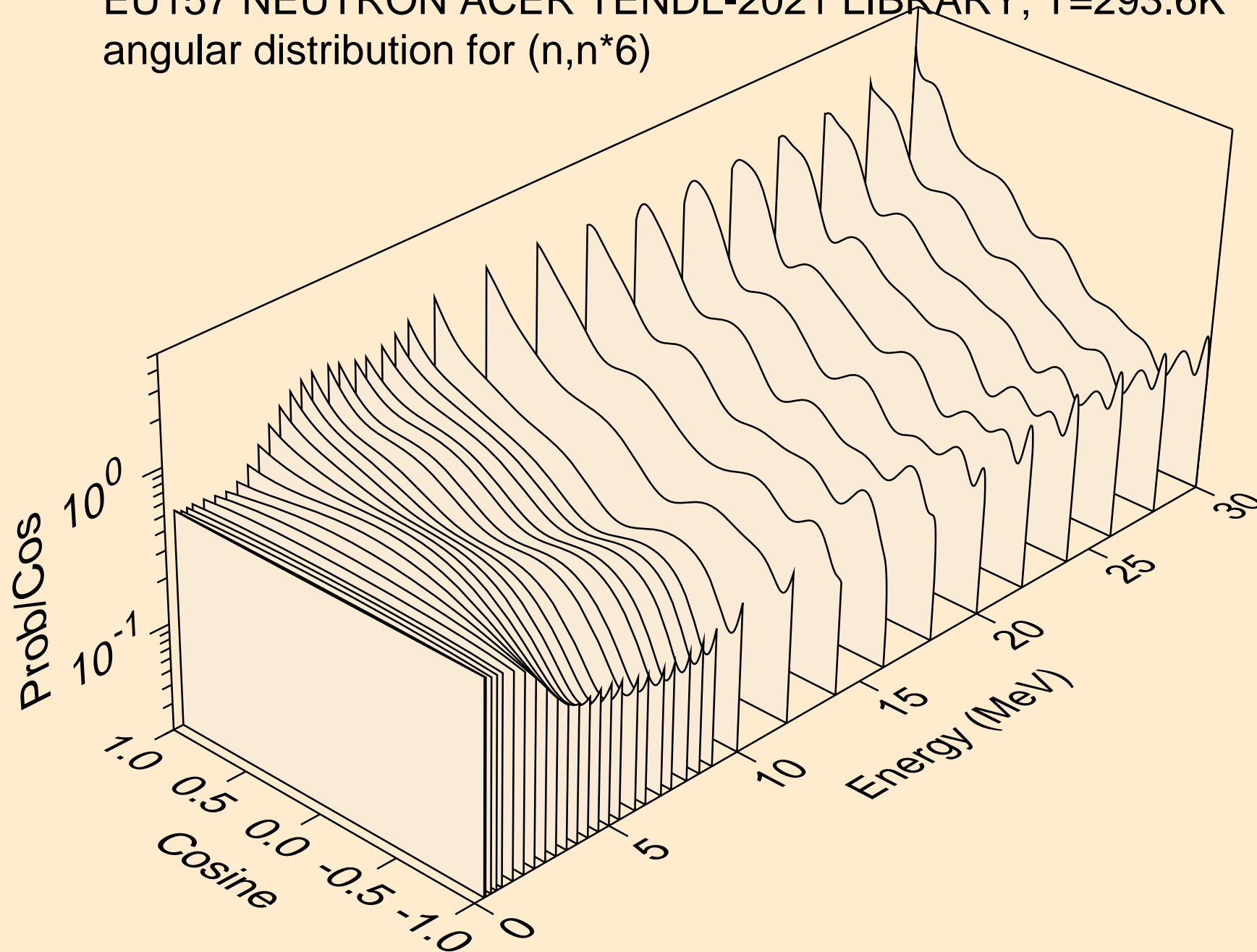




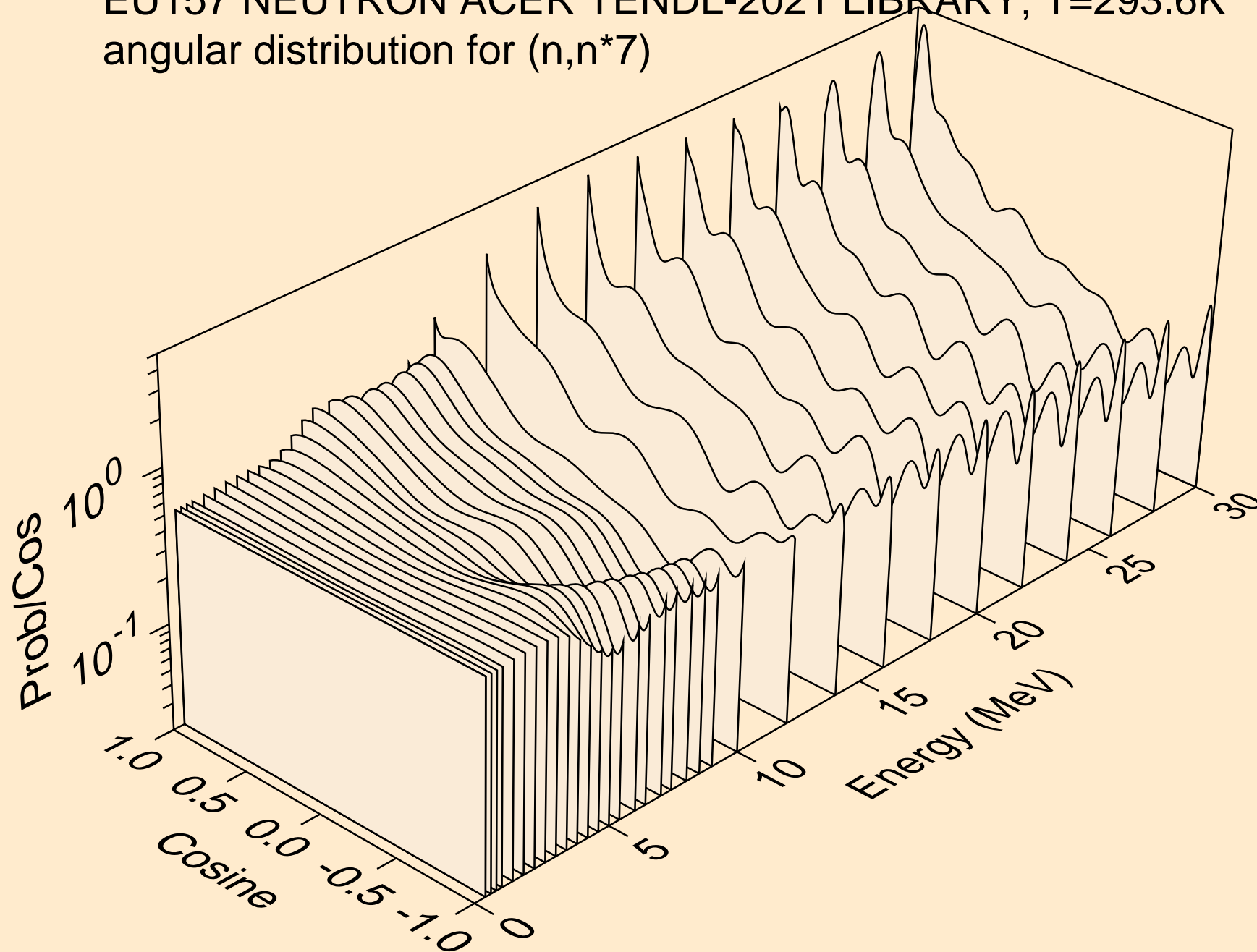
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angular distribution for (n,n\*5)



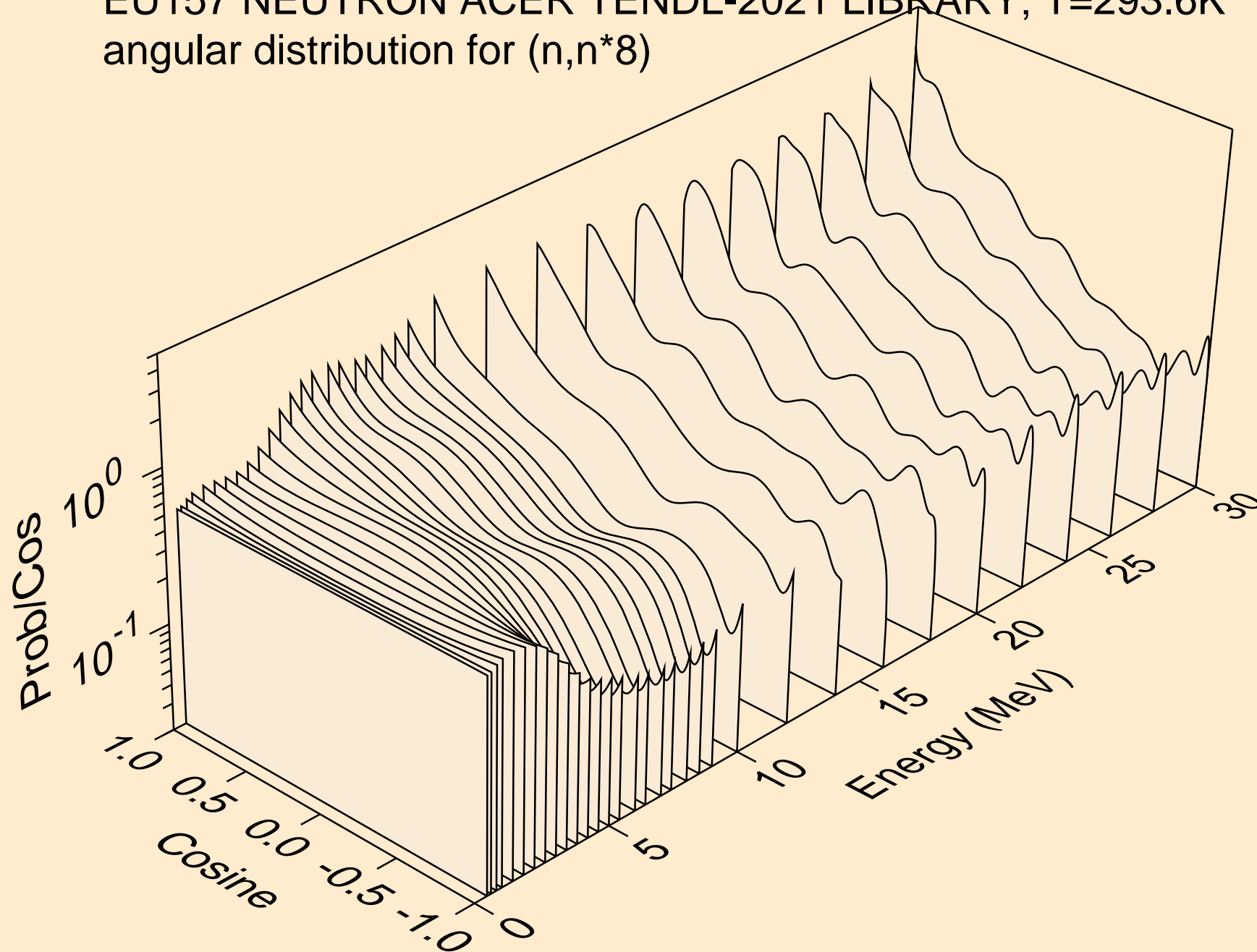
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angular distribution for (n,n\*6)



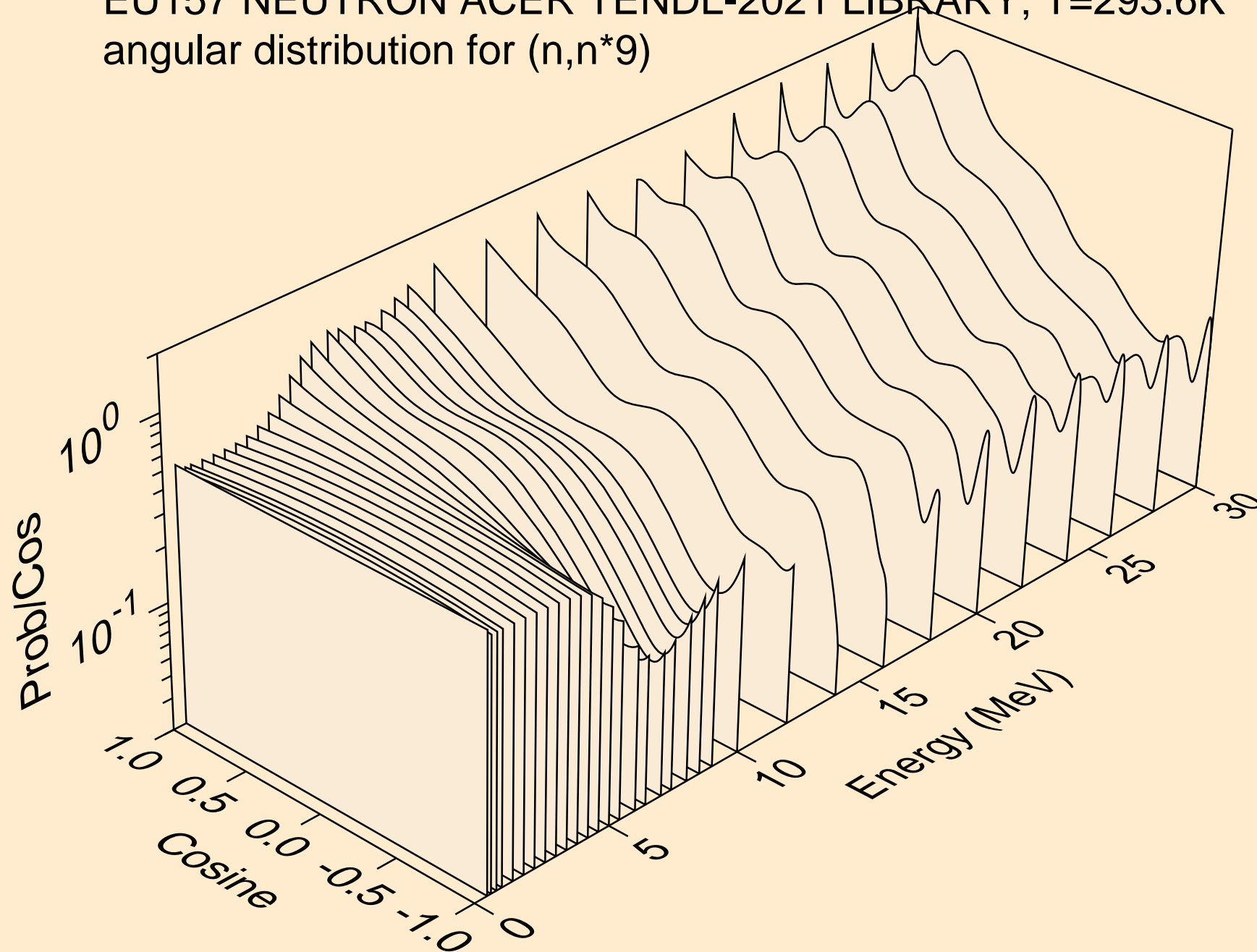
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angular distribution for (n,n\*7)



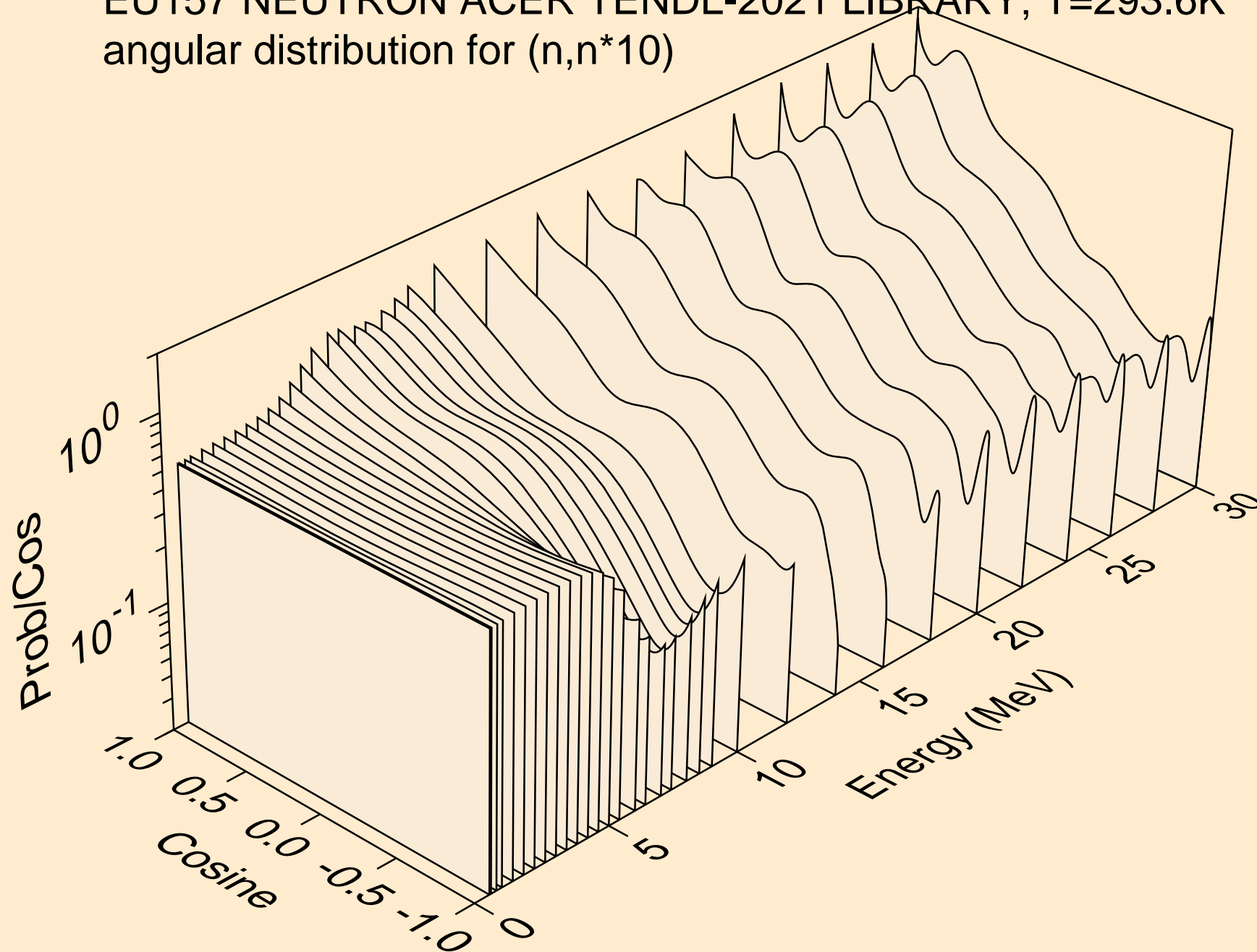
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angular distribution for (n,n\*8)



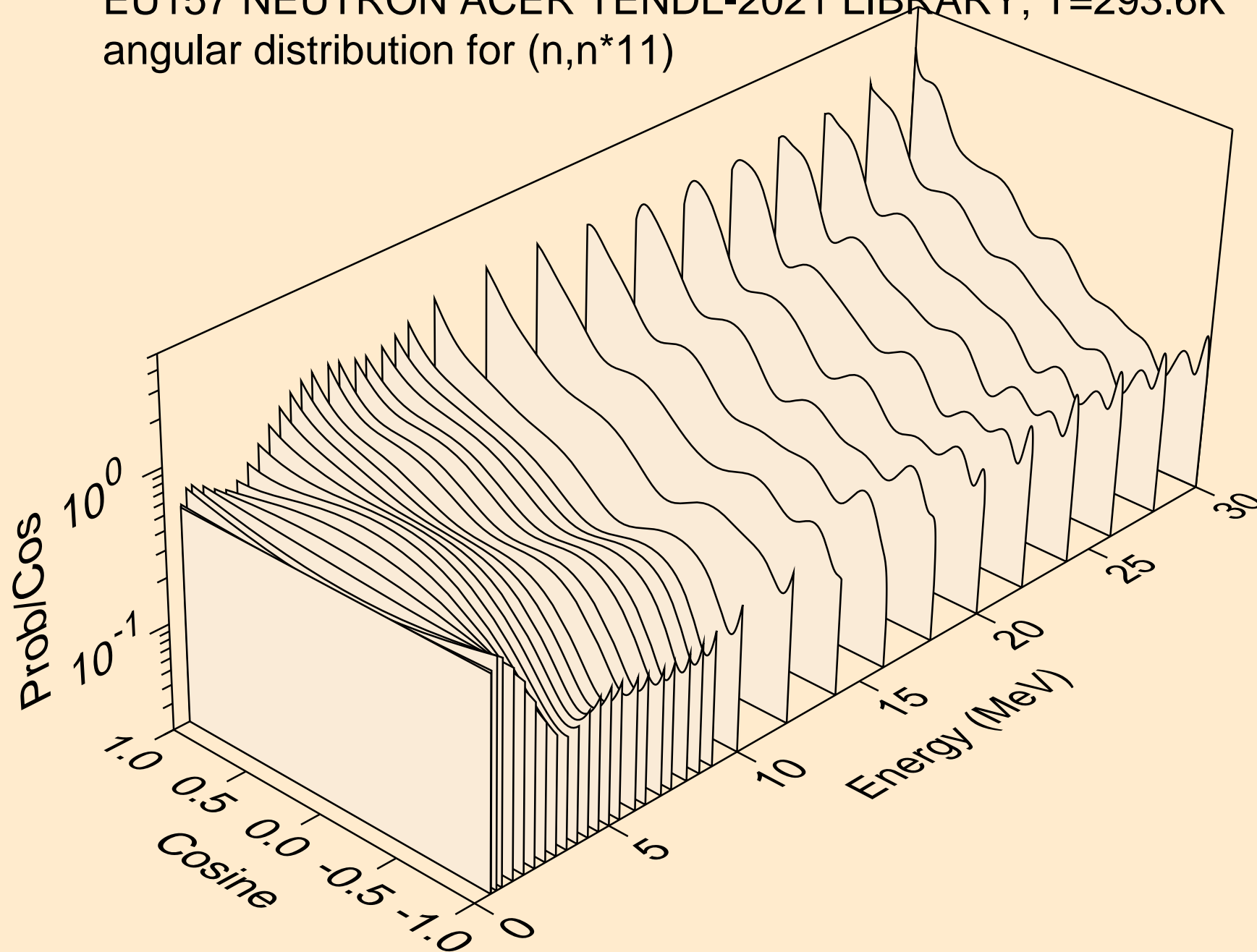
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)

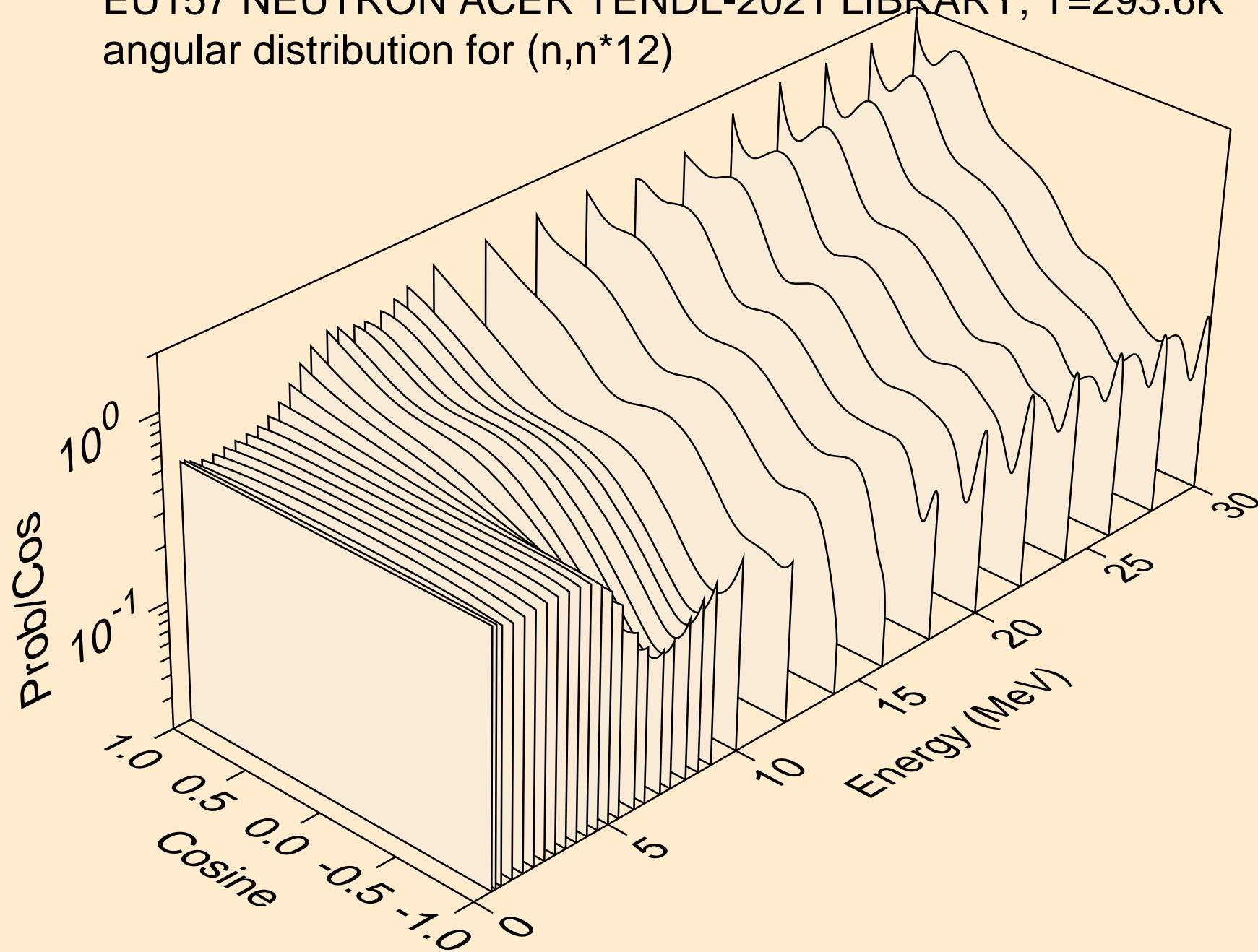


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angular distribution for (n,n\*11)



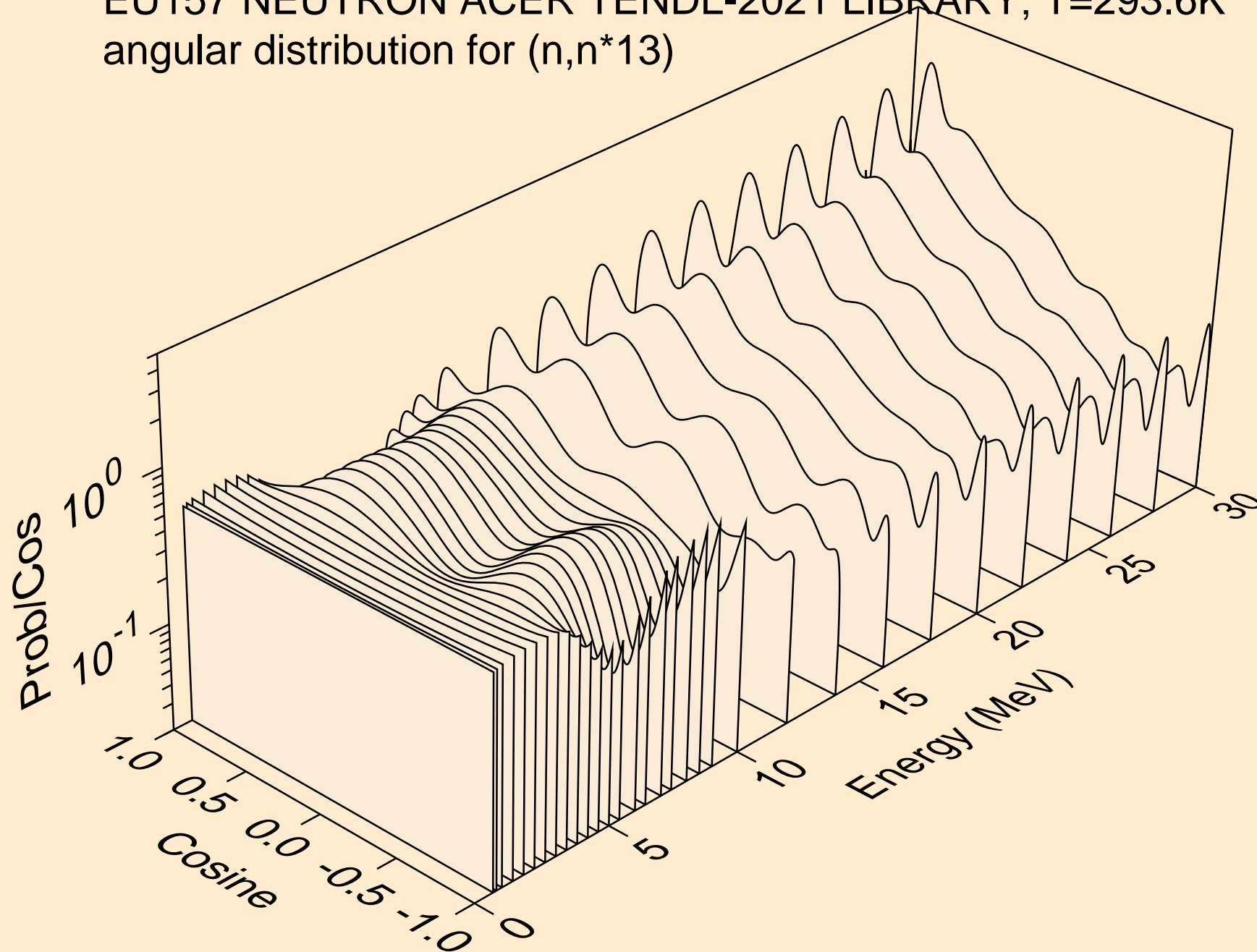


EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)

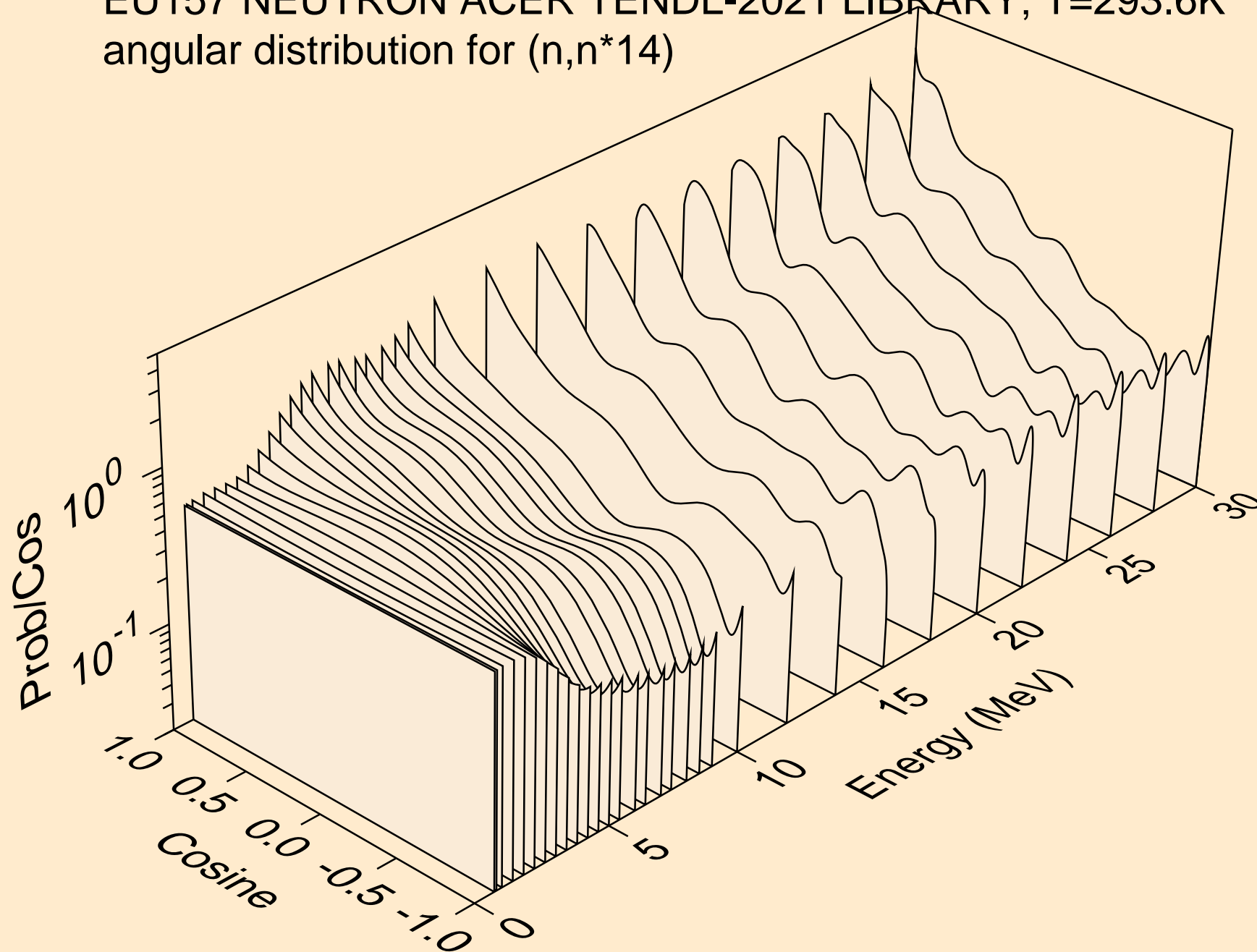




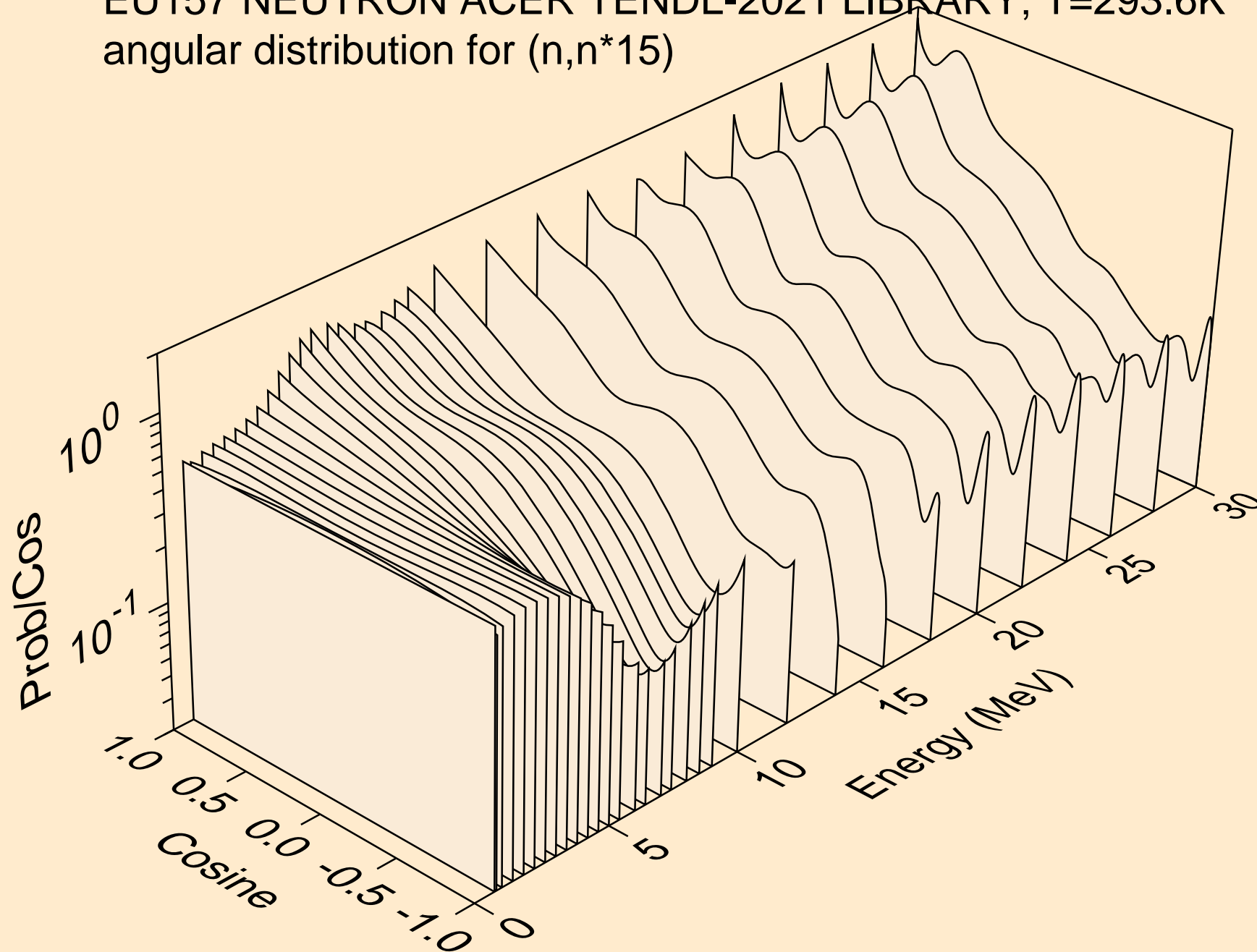
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angular distribution for (n,n\*13)



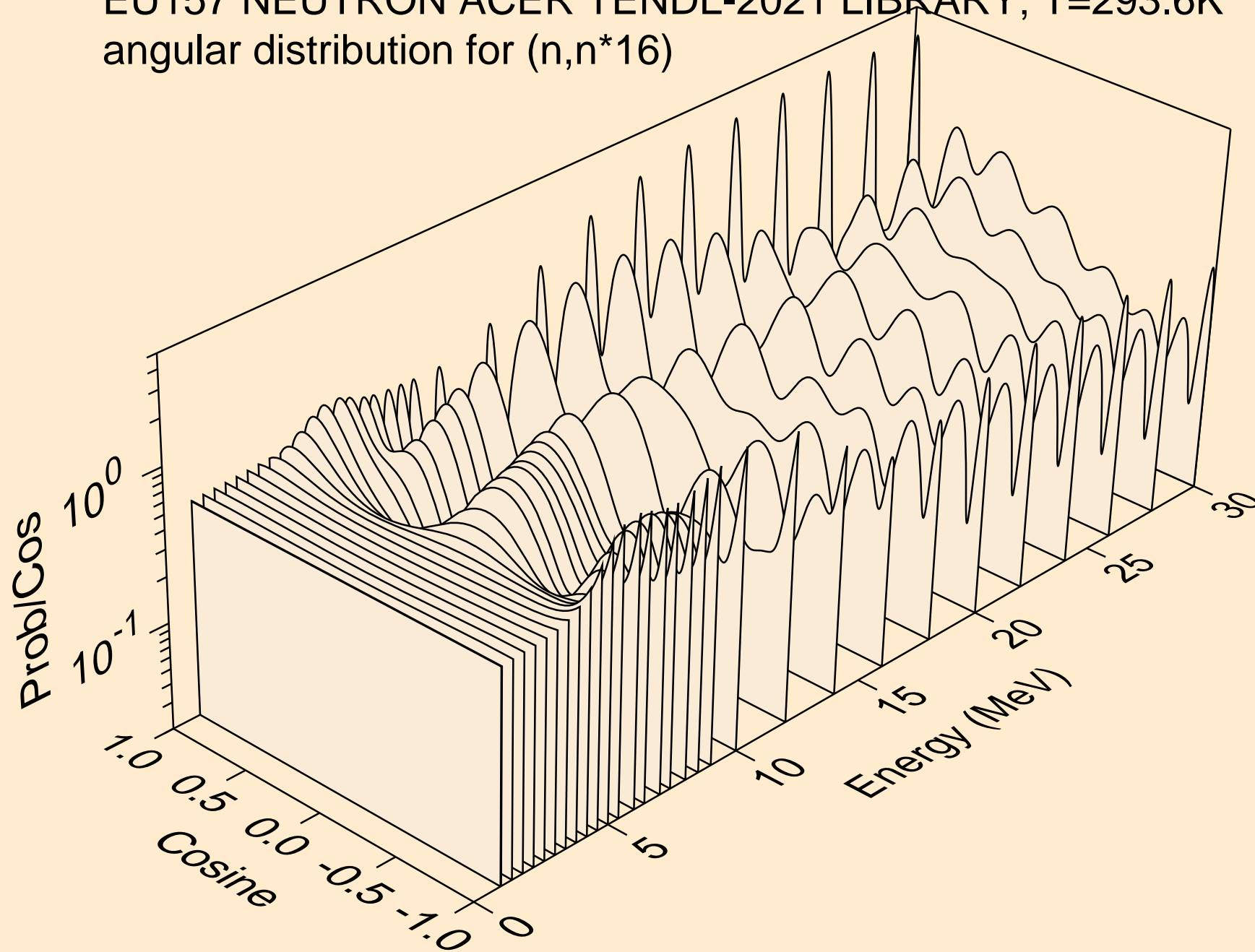
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angular distribution for (n,n\*14)



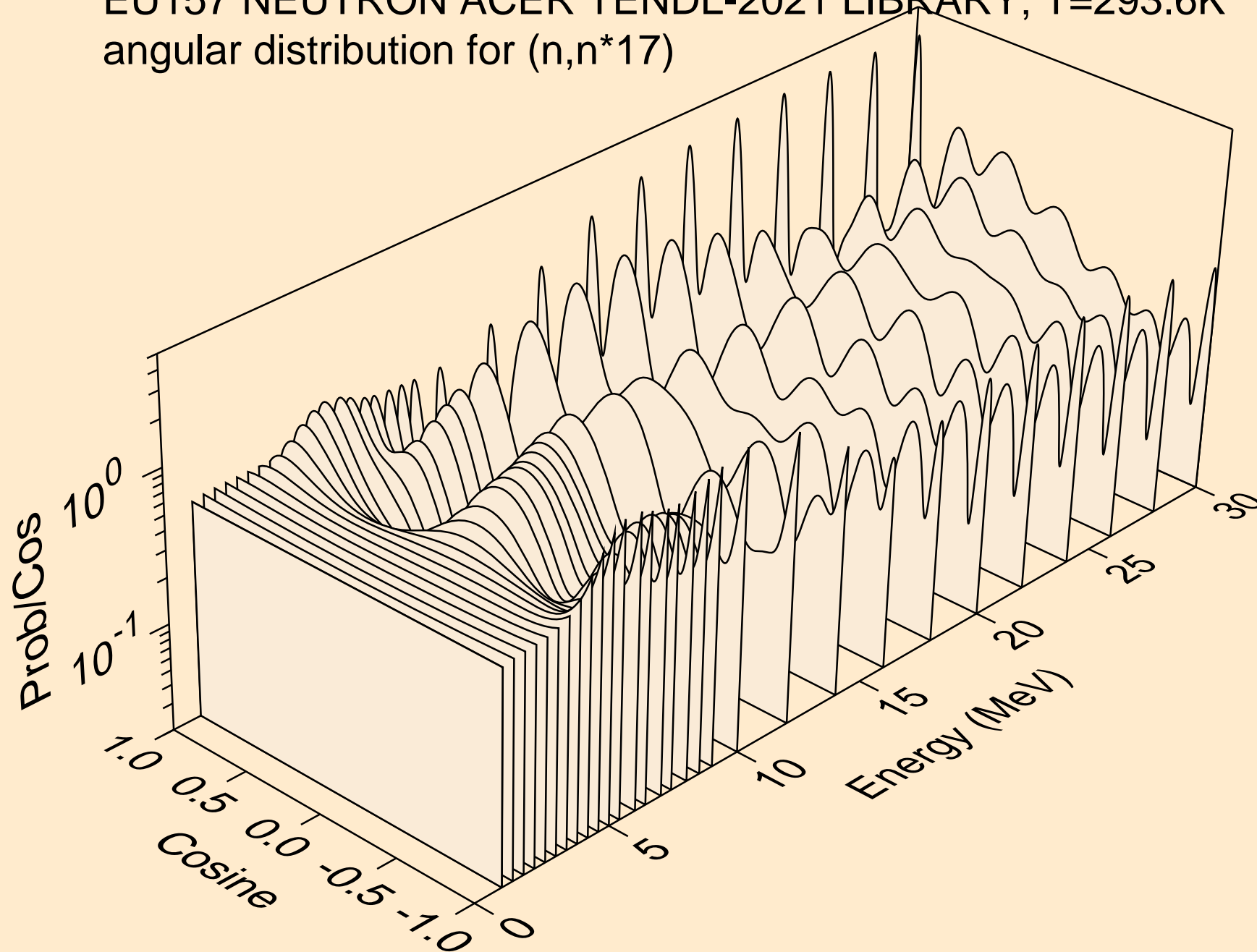
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angular distribution for (n,n\*15)



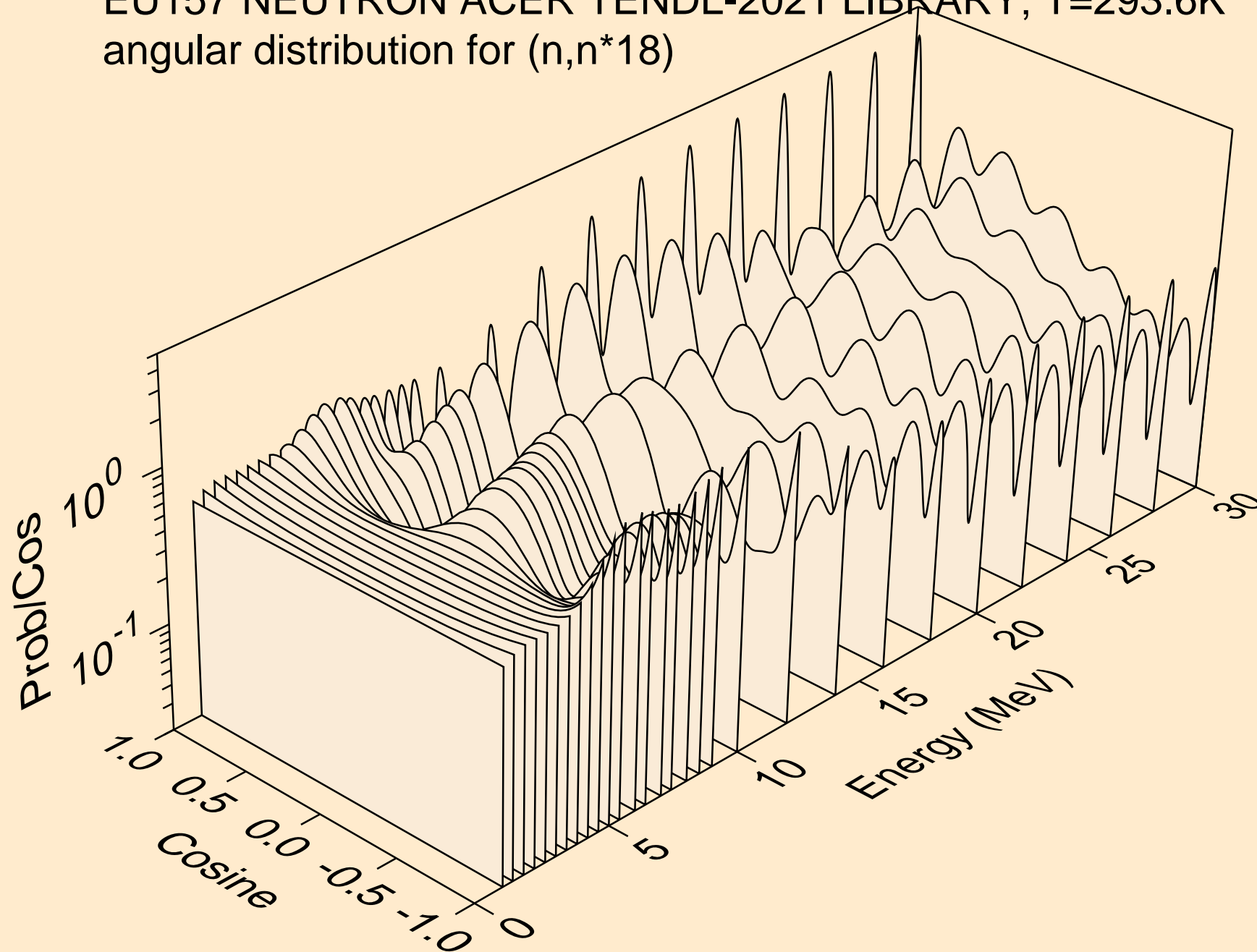
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angular distribution for (n,n\*16)



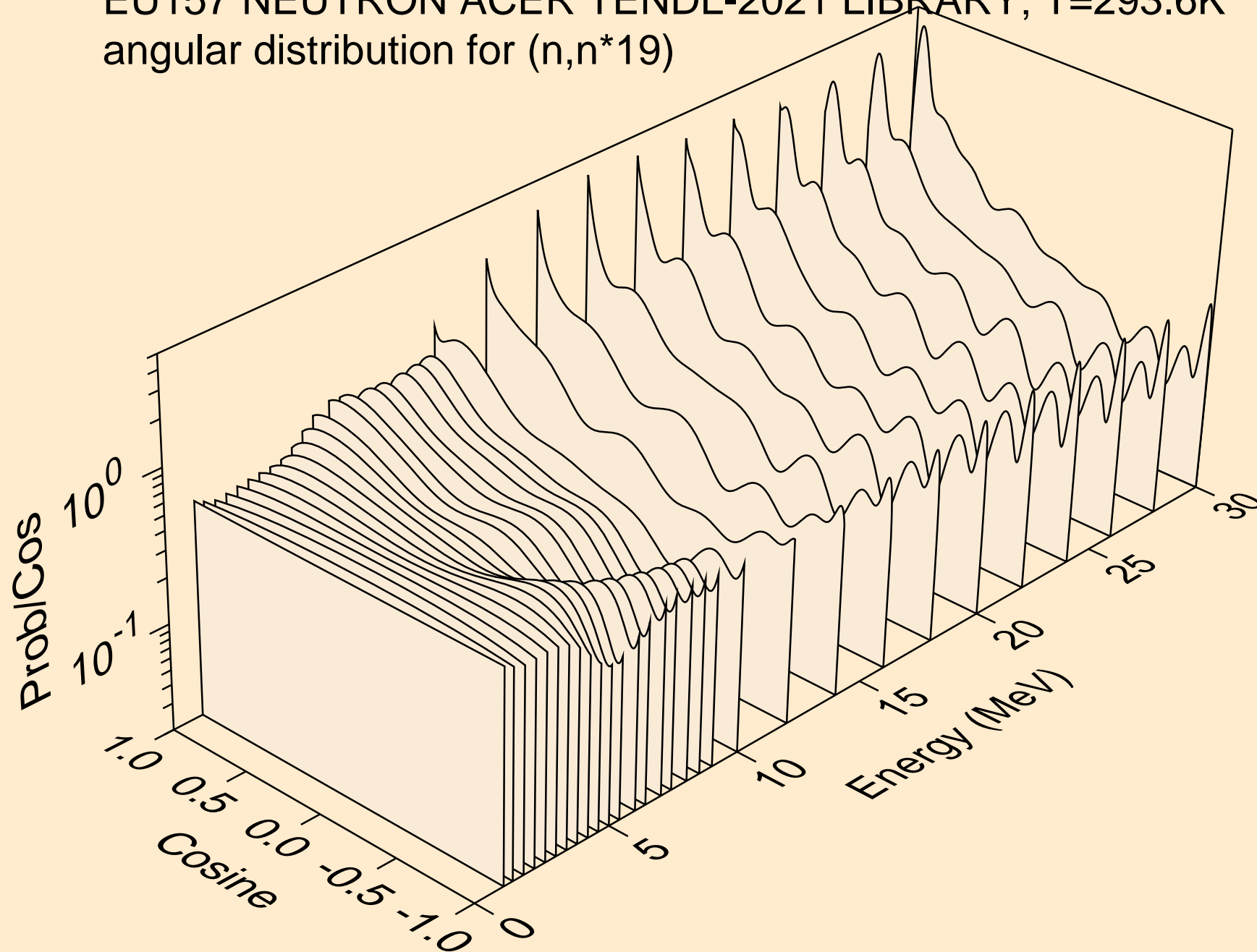
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)

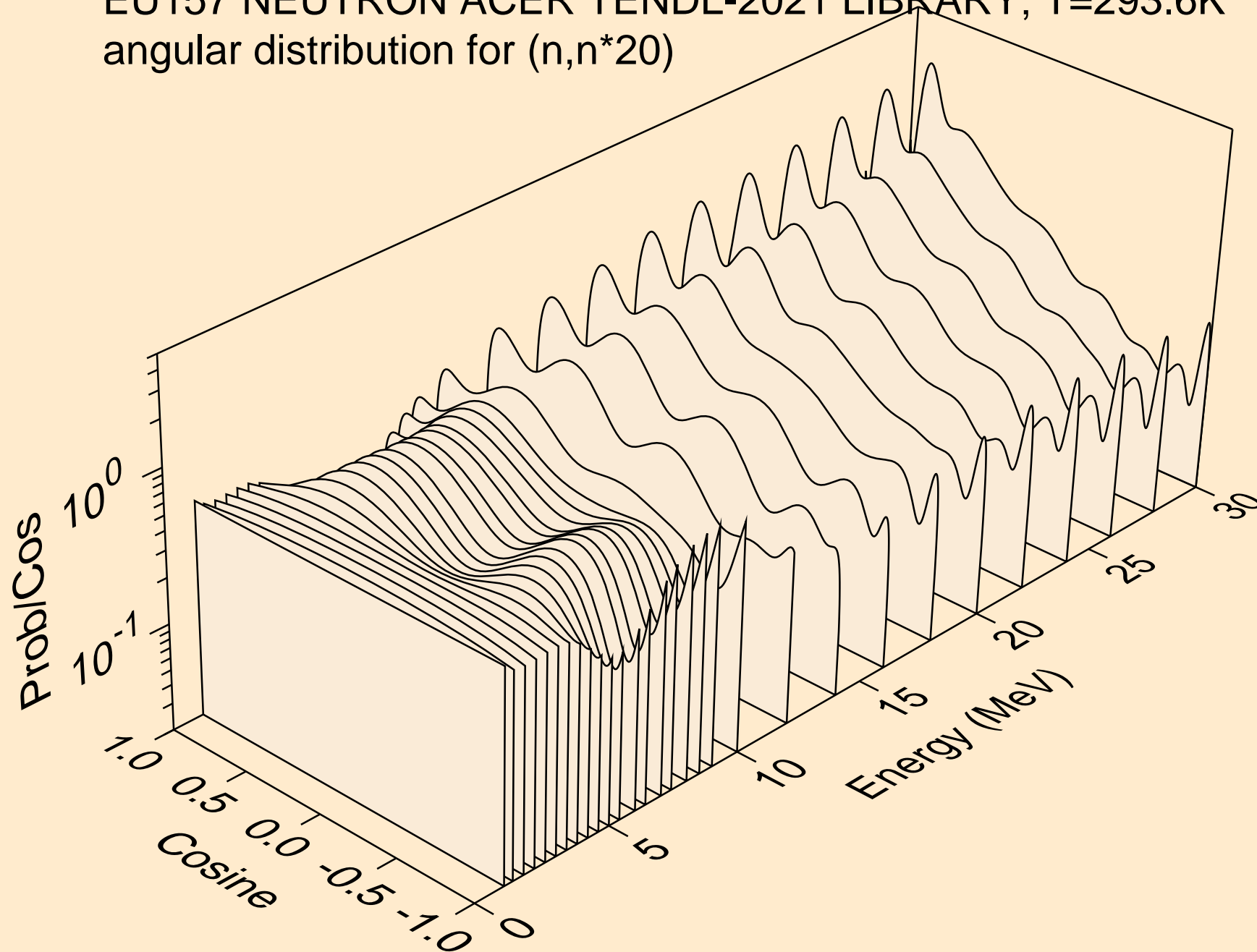


EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



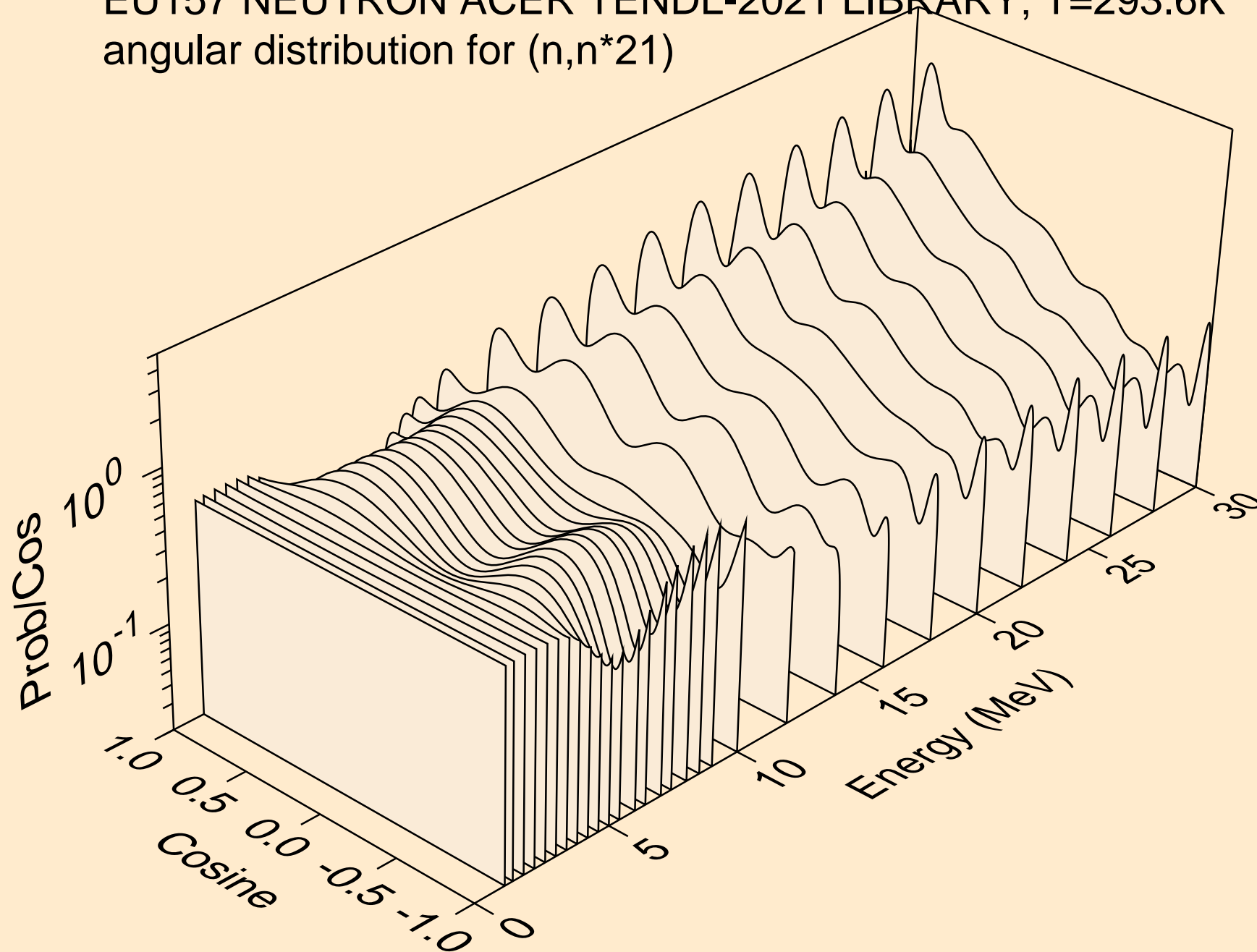


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angular distribution for (n,n\*20)

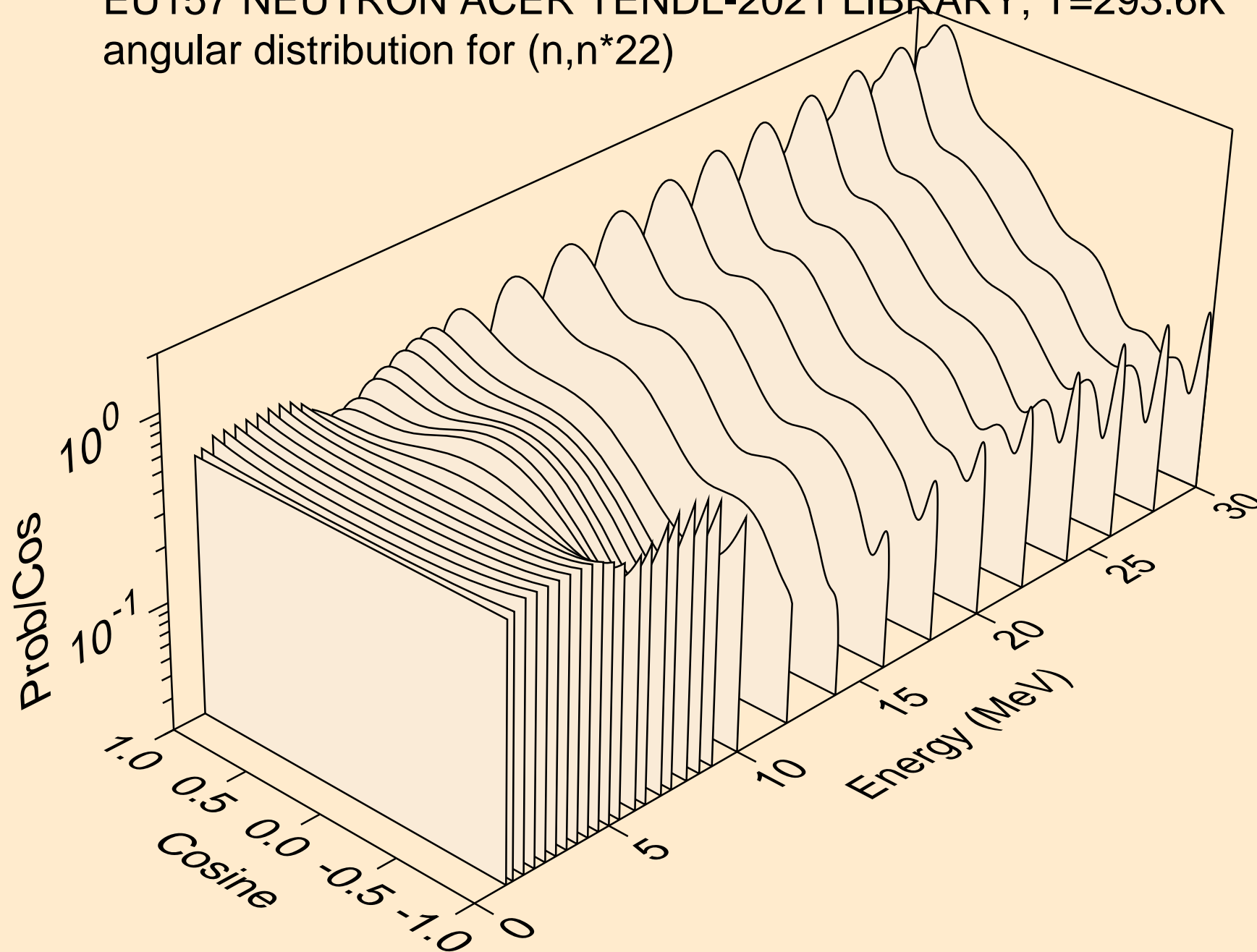




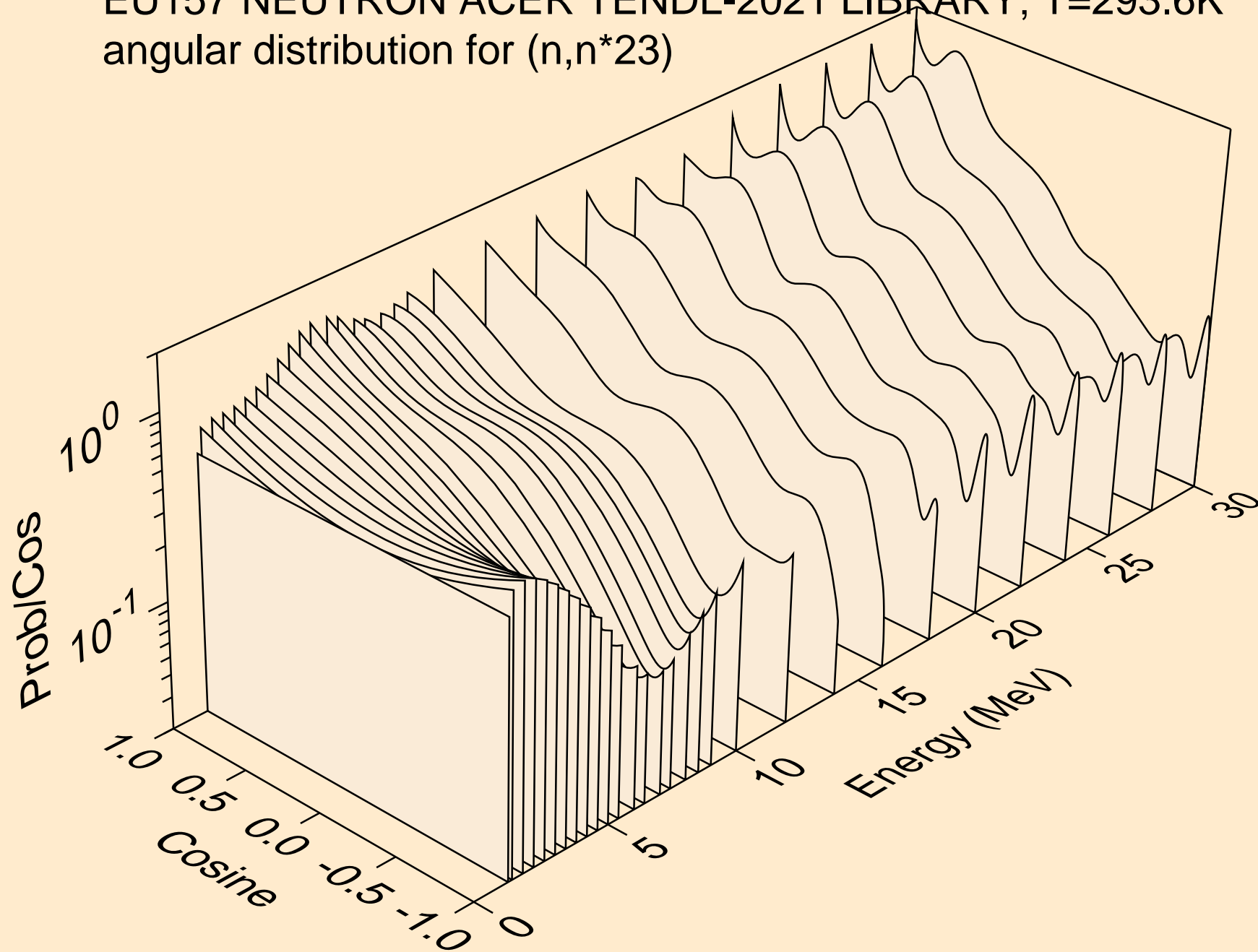
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angular distribution for (n,n\*21)



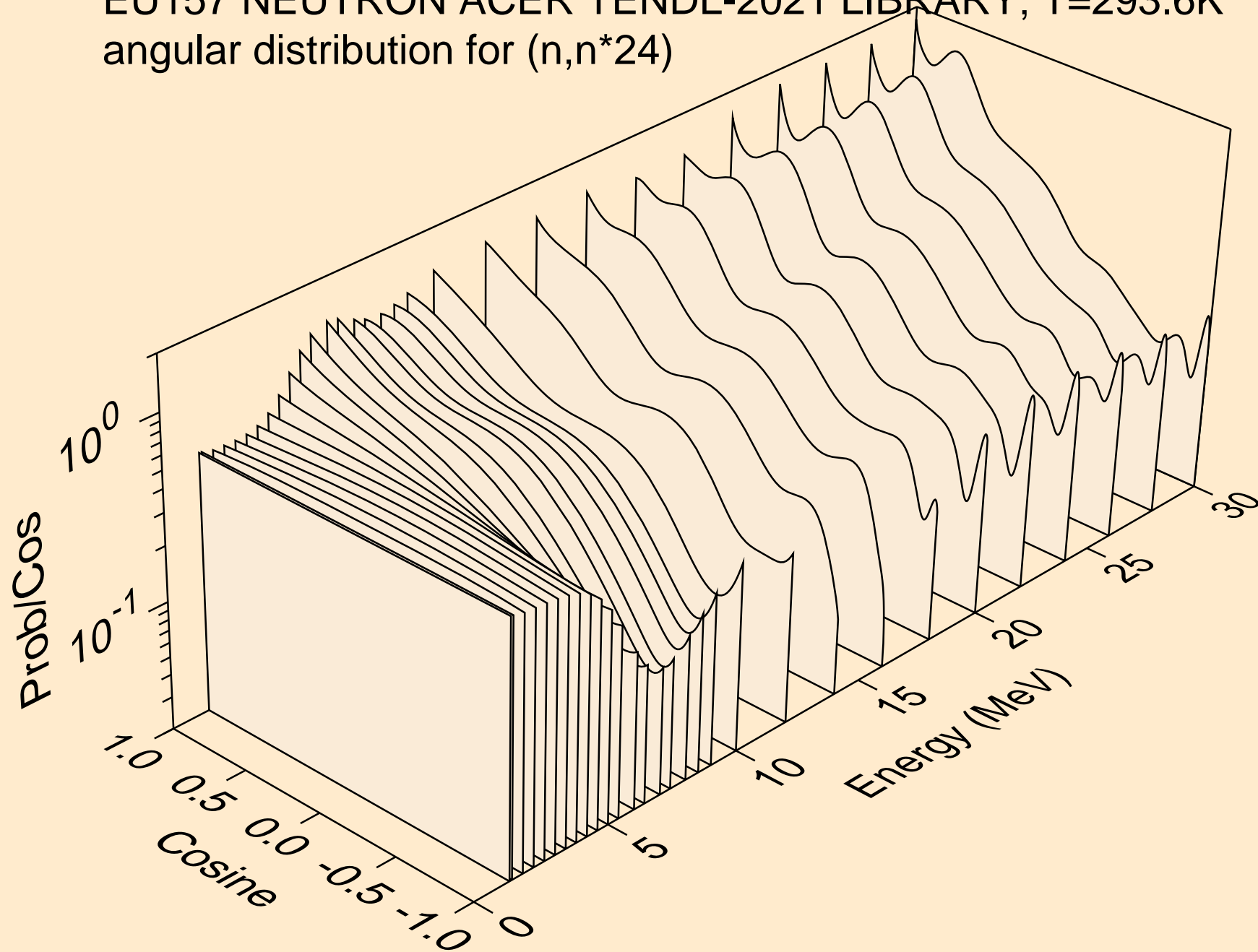
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angular distribution for (n,n\*22)



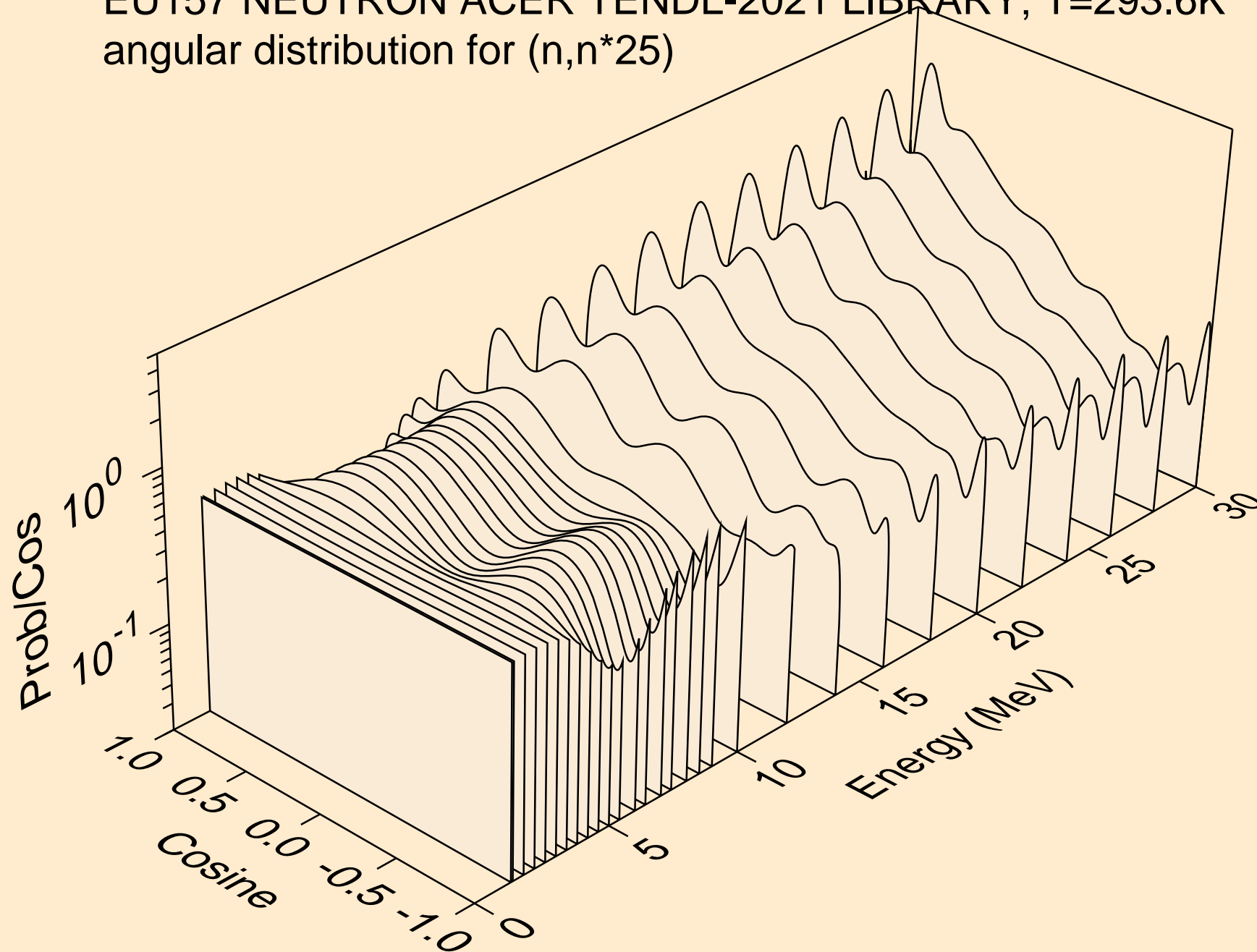
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angular distribution for (n,n\*23)



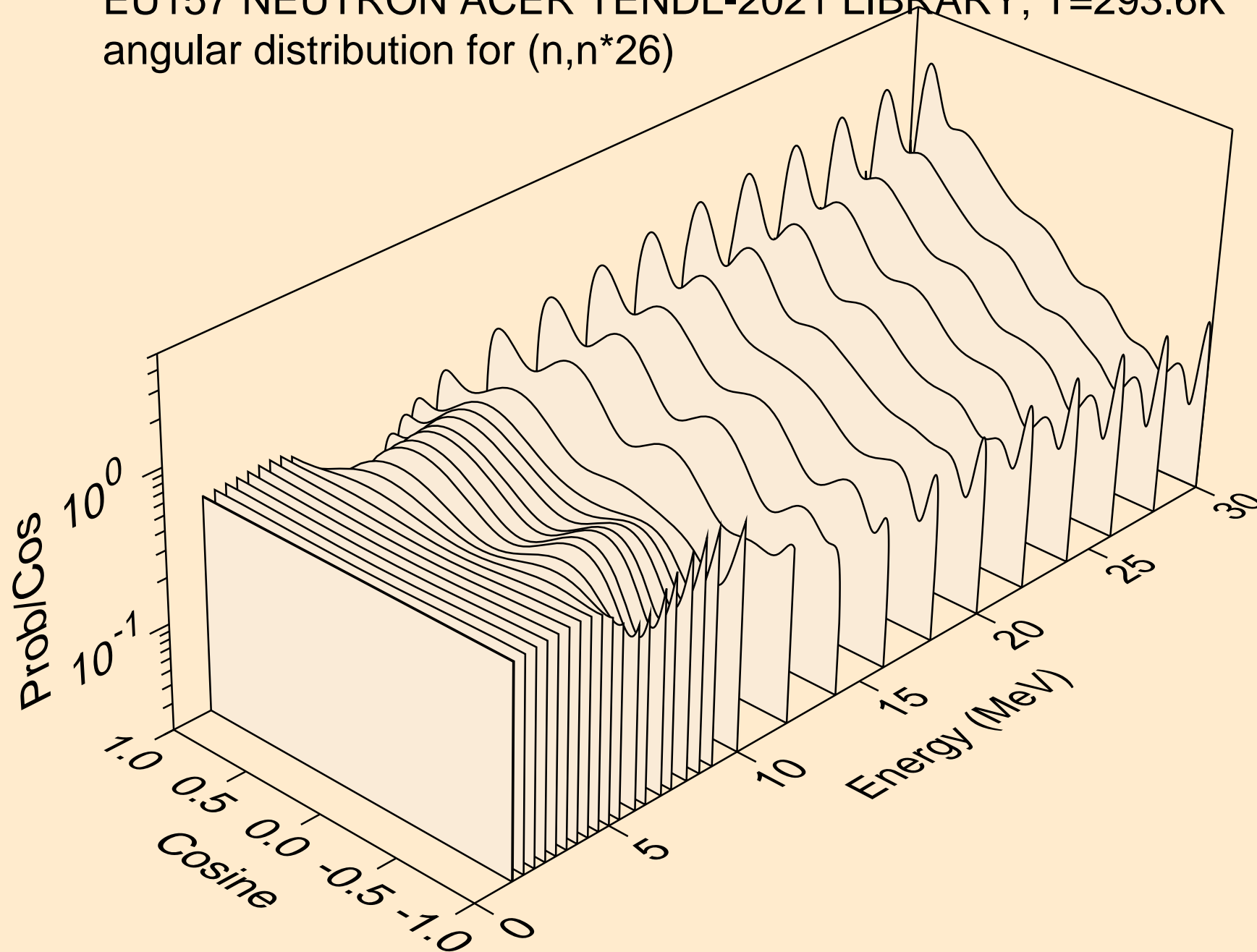
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angular distribution for (n,n\*24)



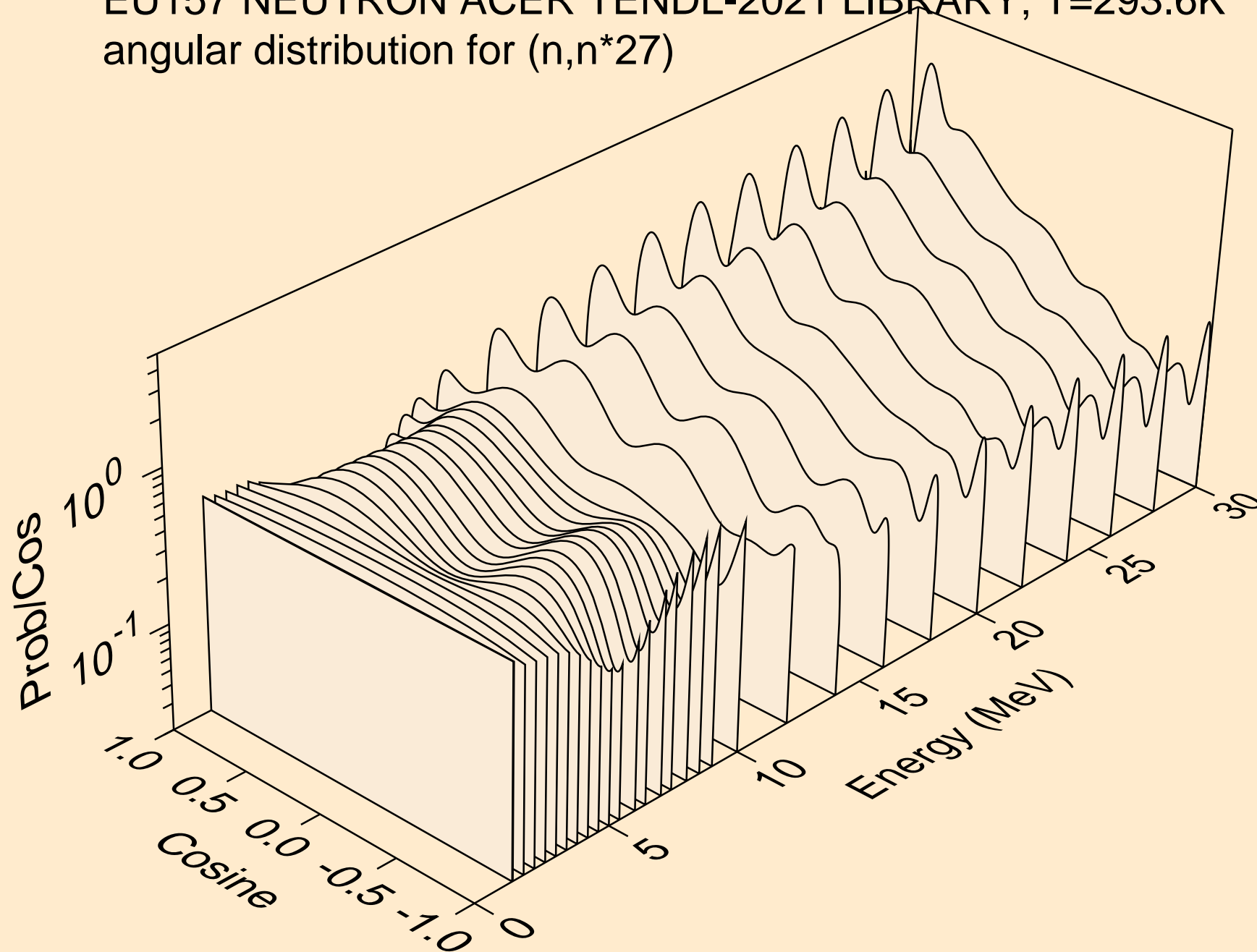
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angular distribution for (n,n\*25)



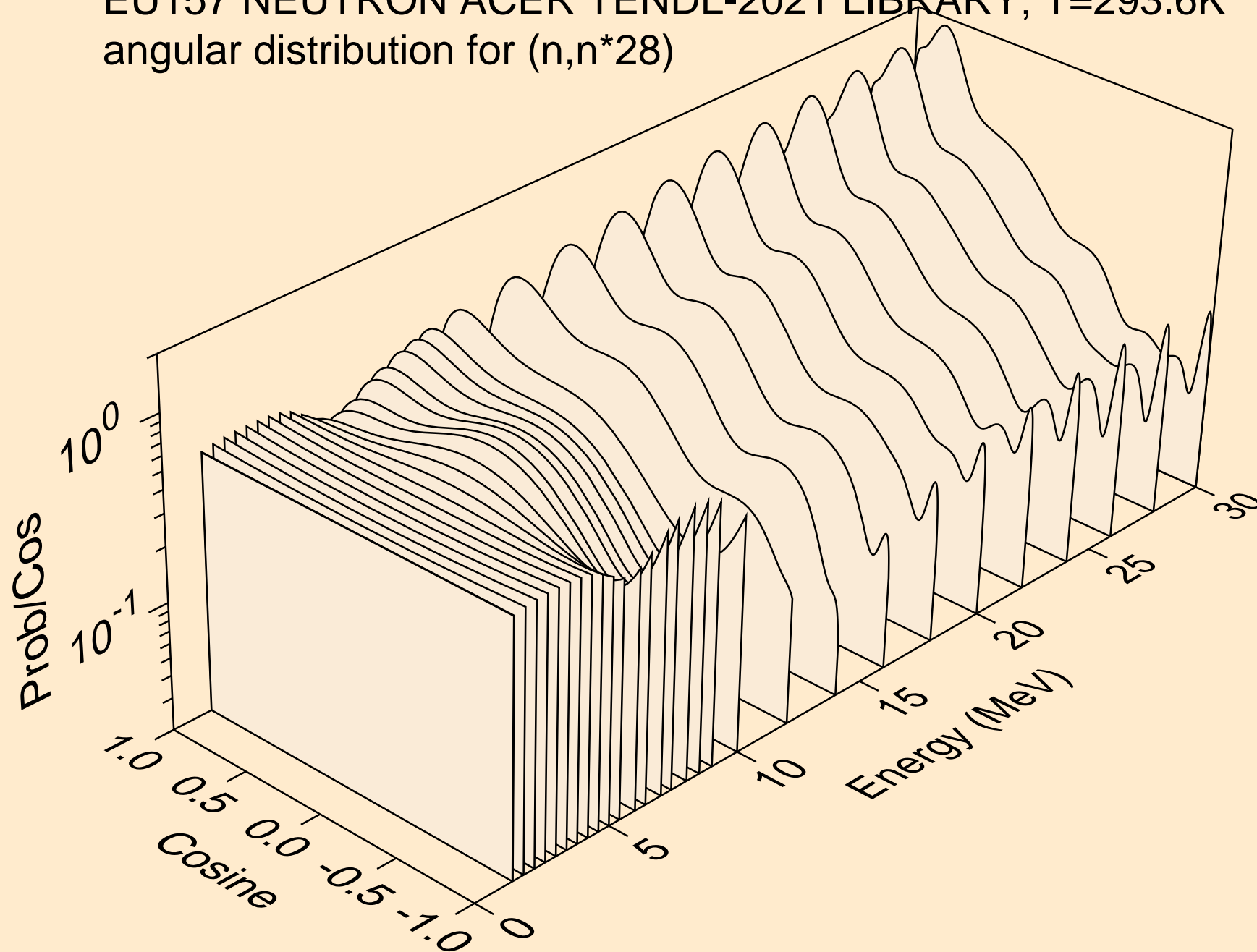
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)

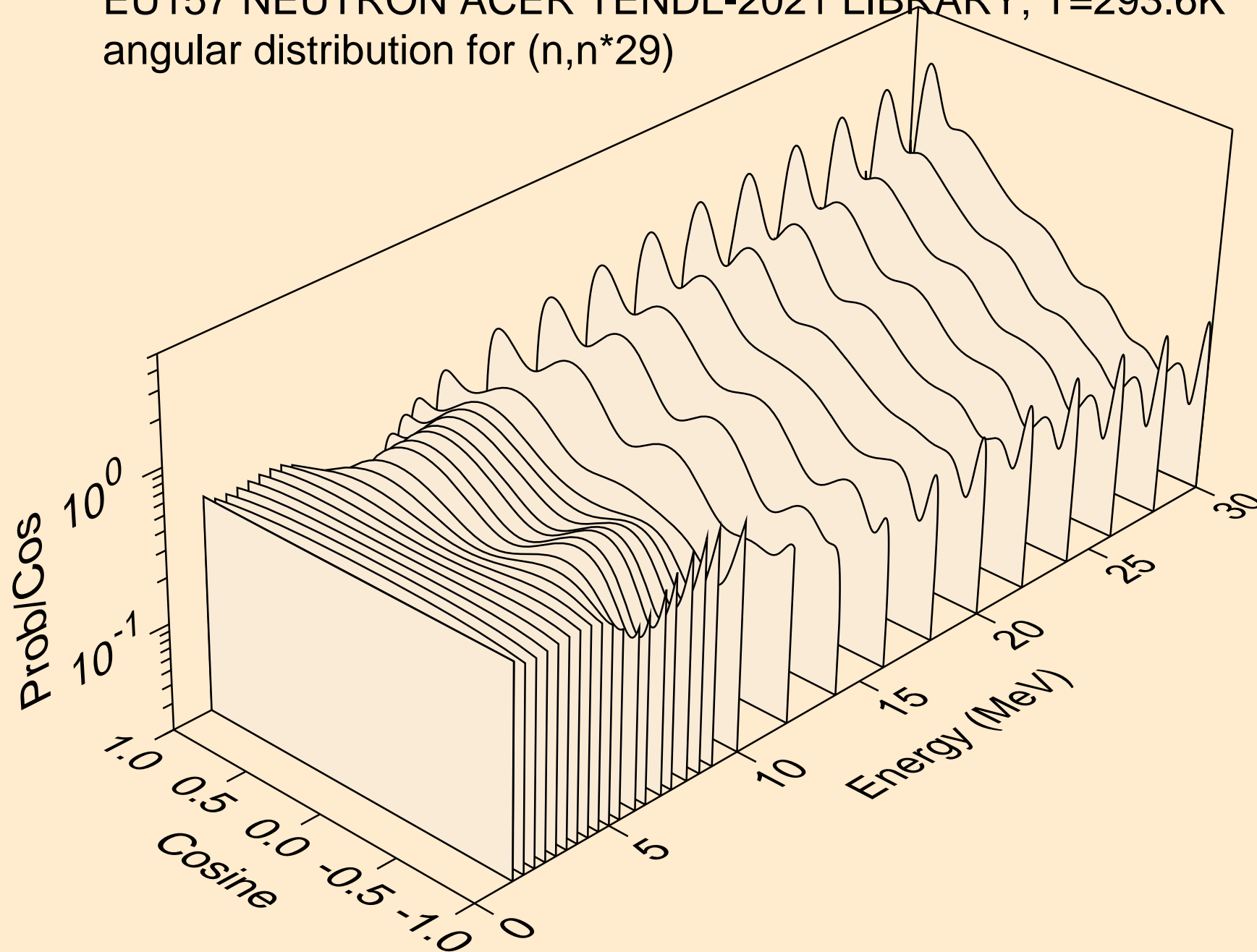


EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)

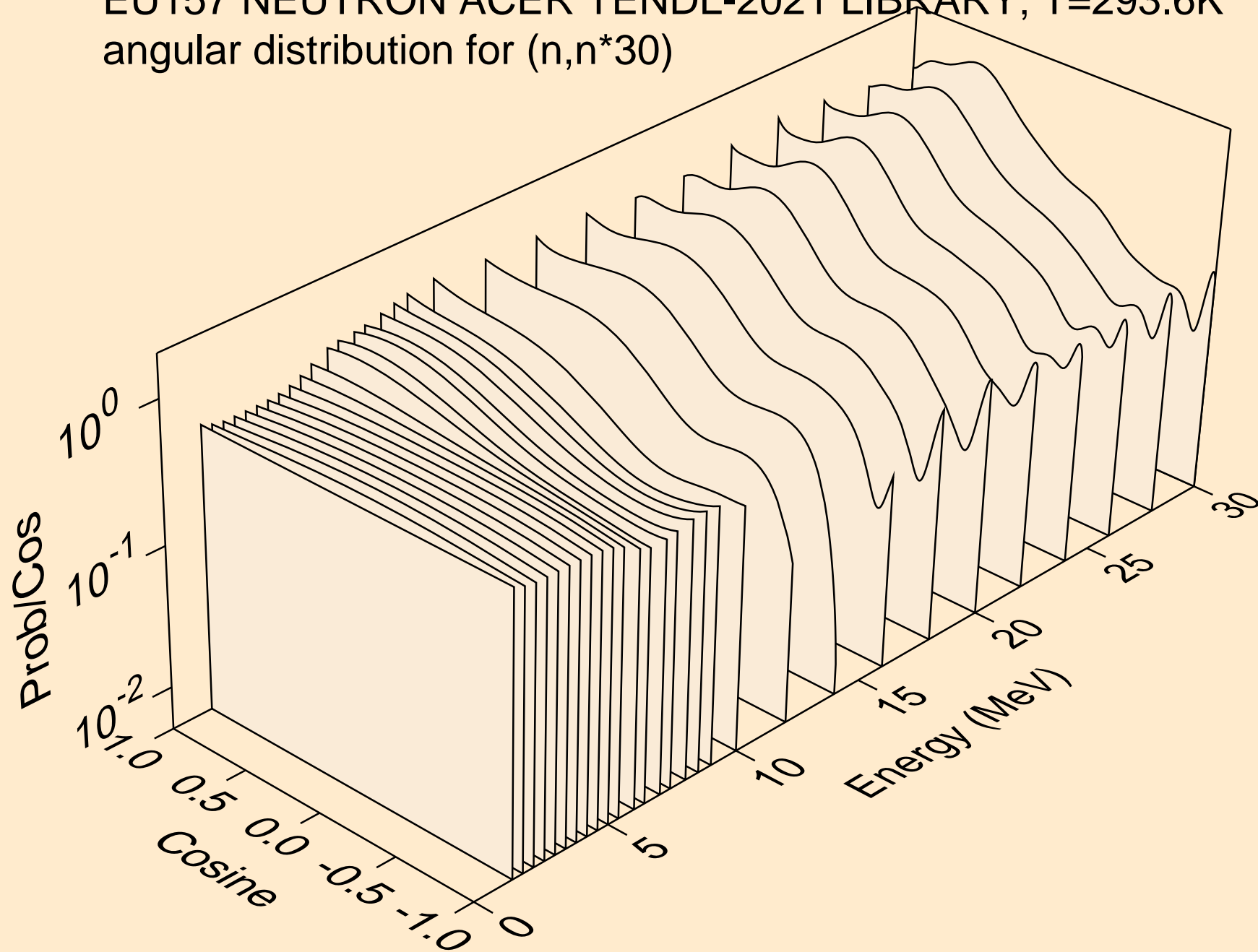




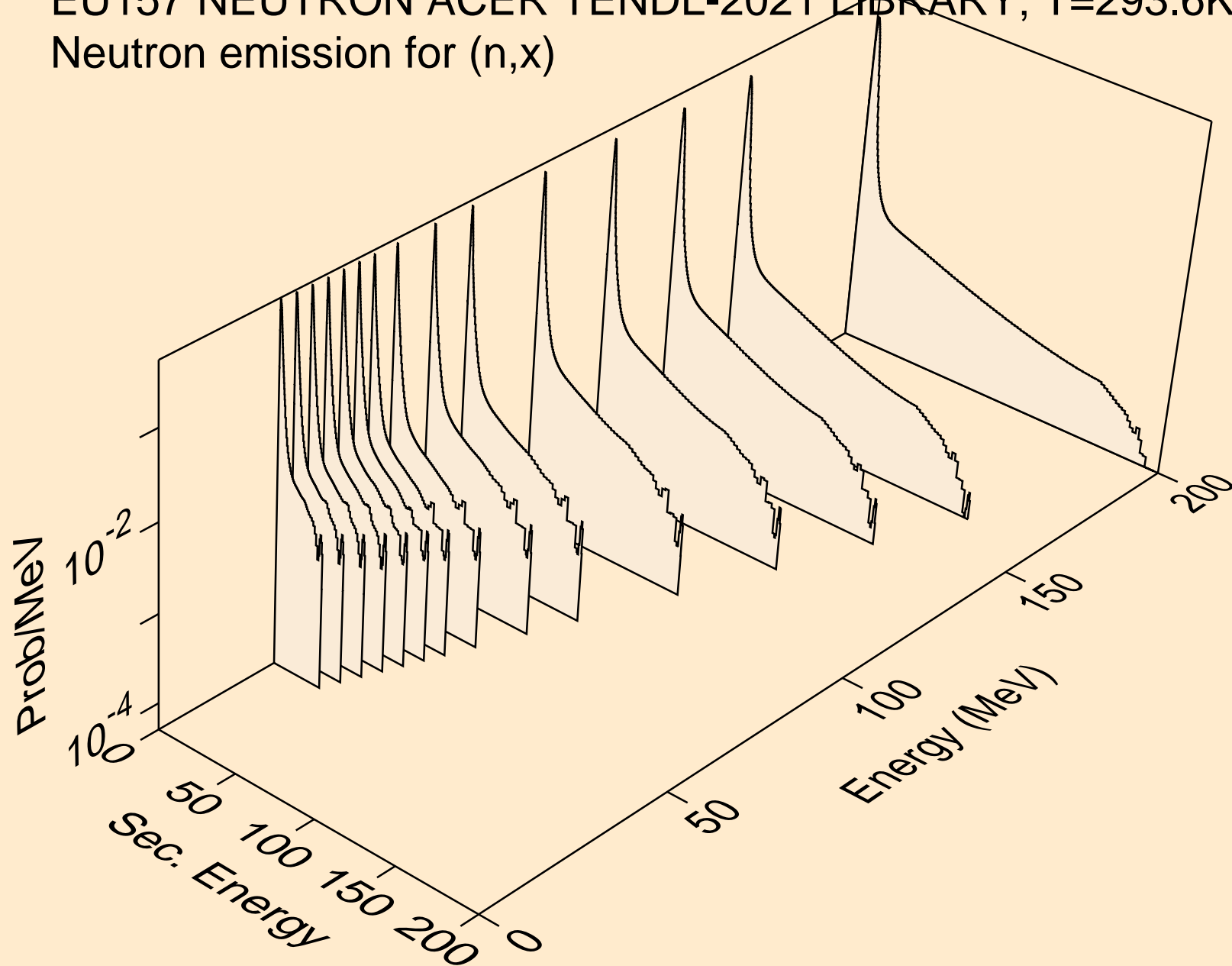
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angular distribution for (n,n\*29)



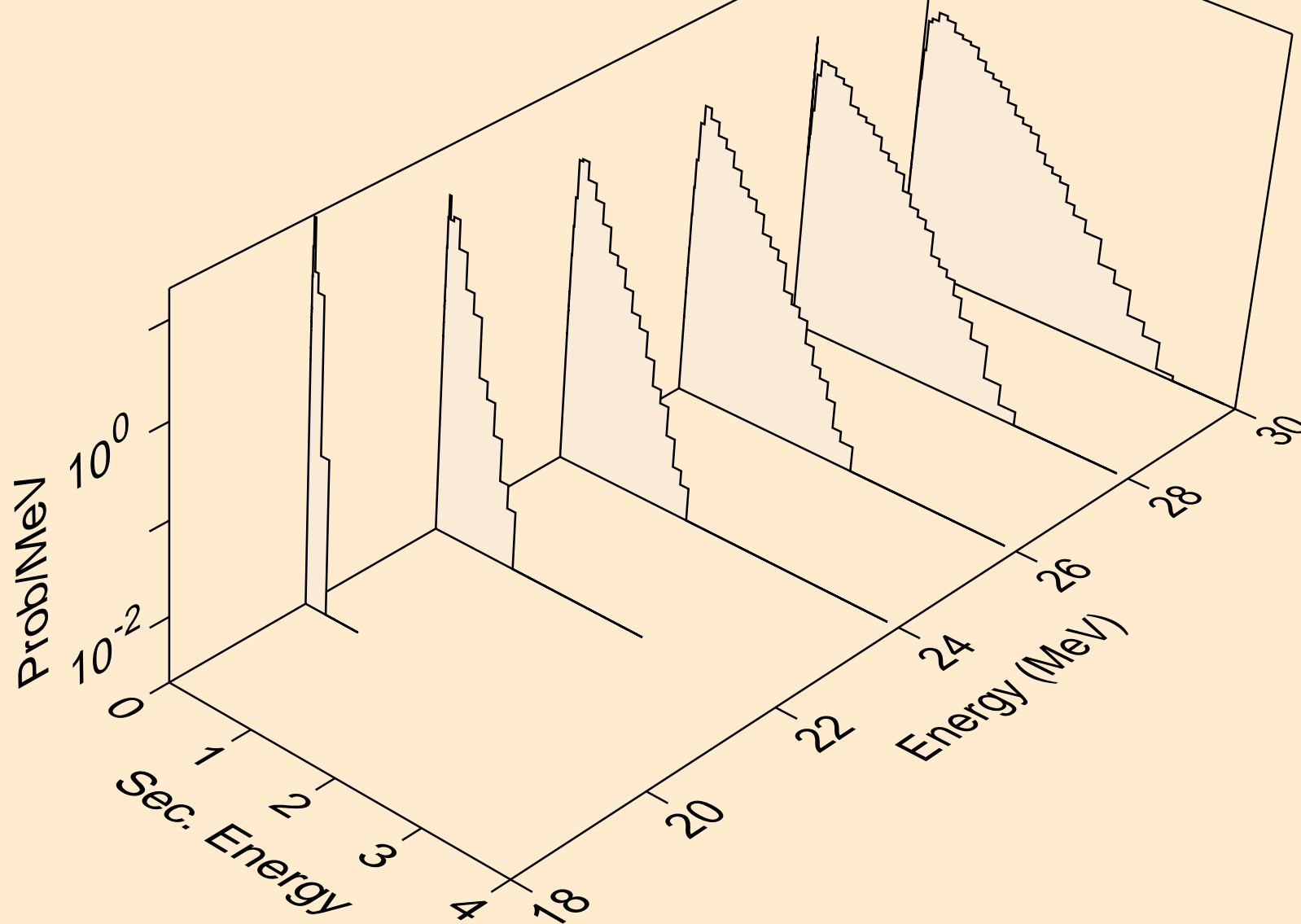
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angular distribution for (n,n\*30)



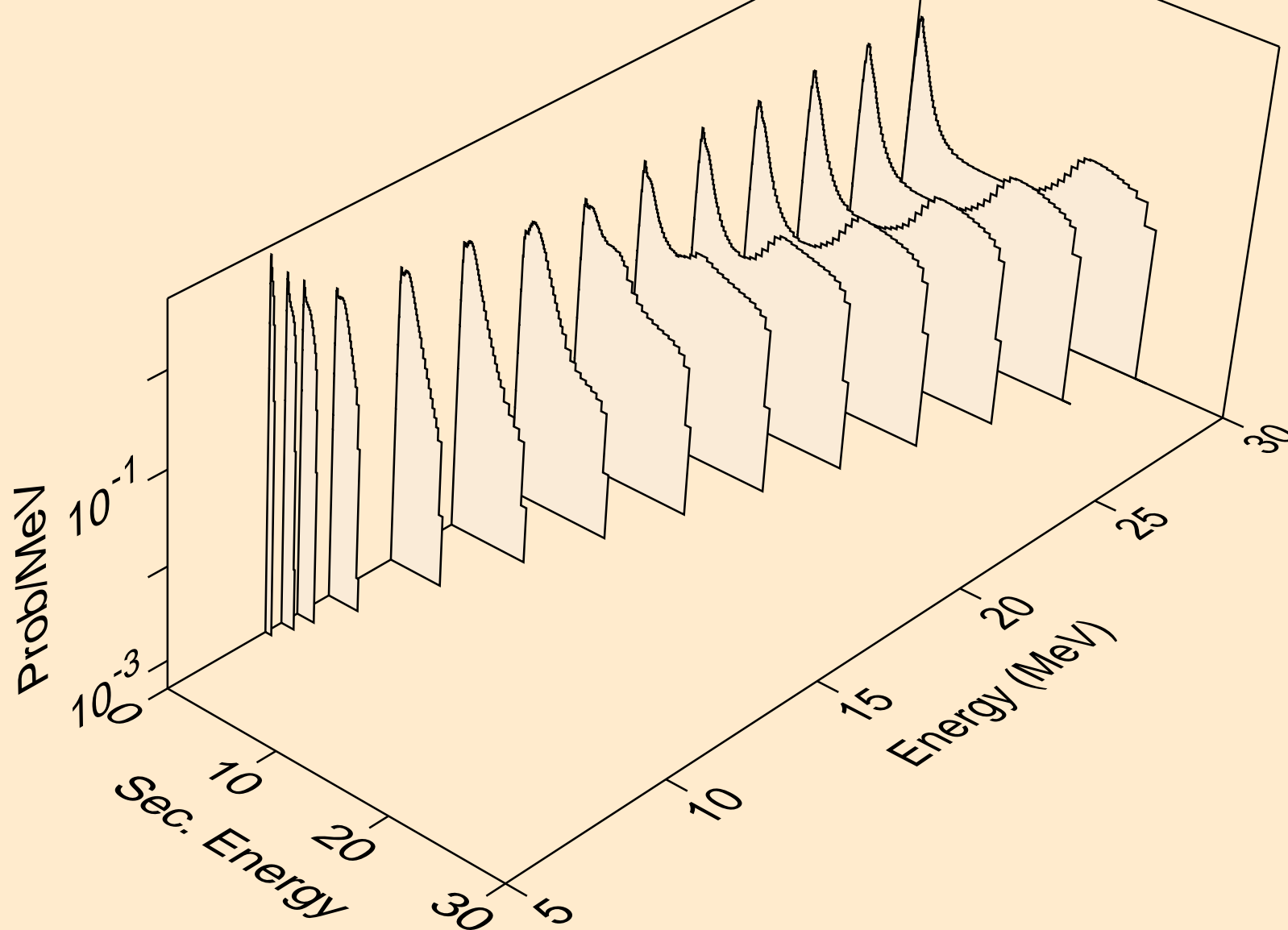
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



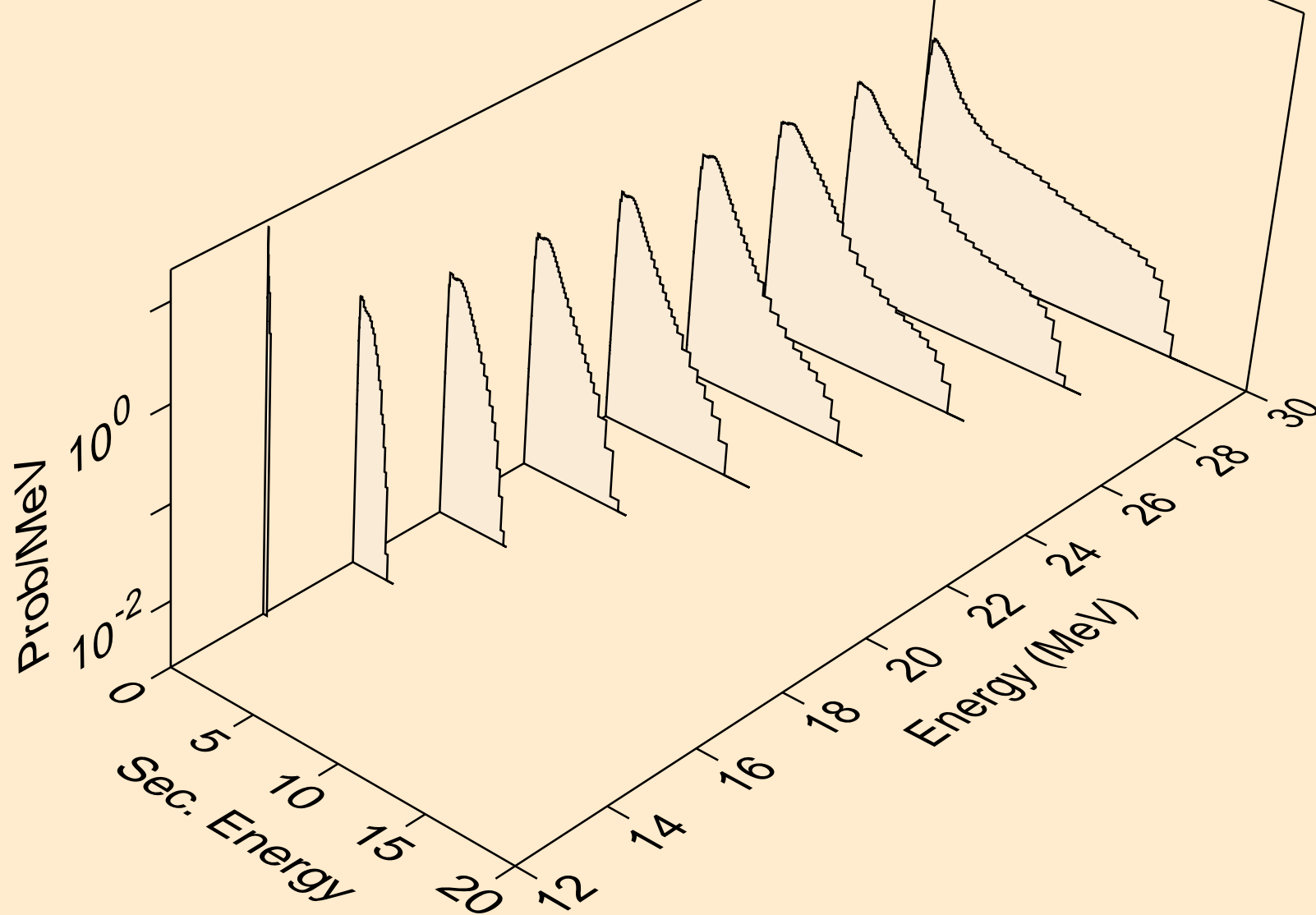
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



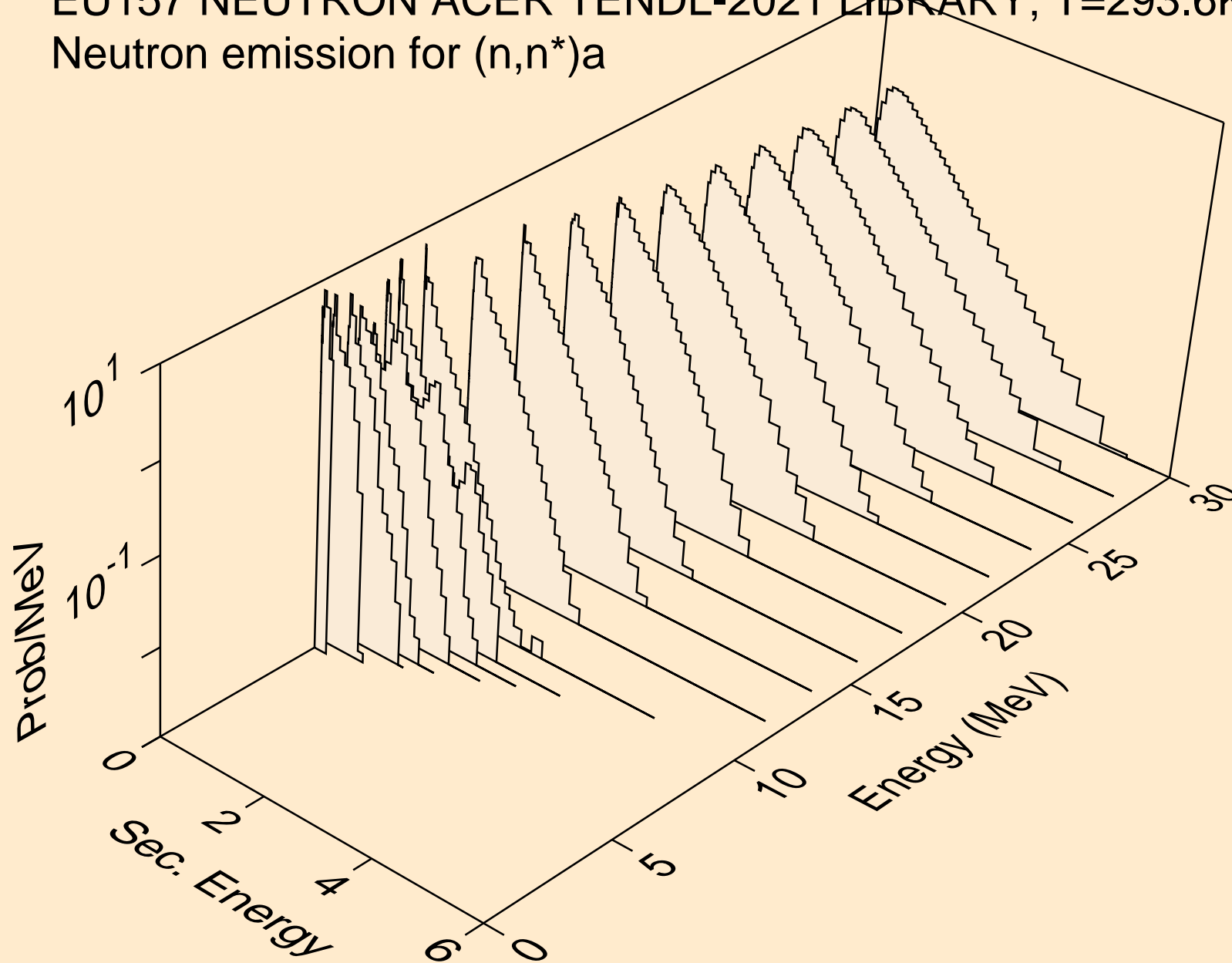
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



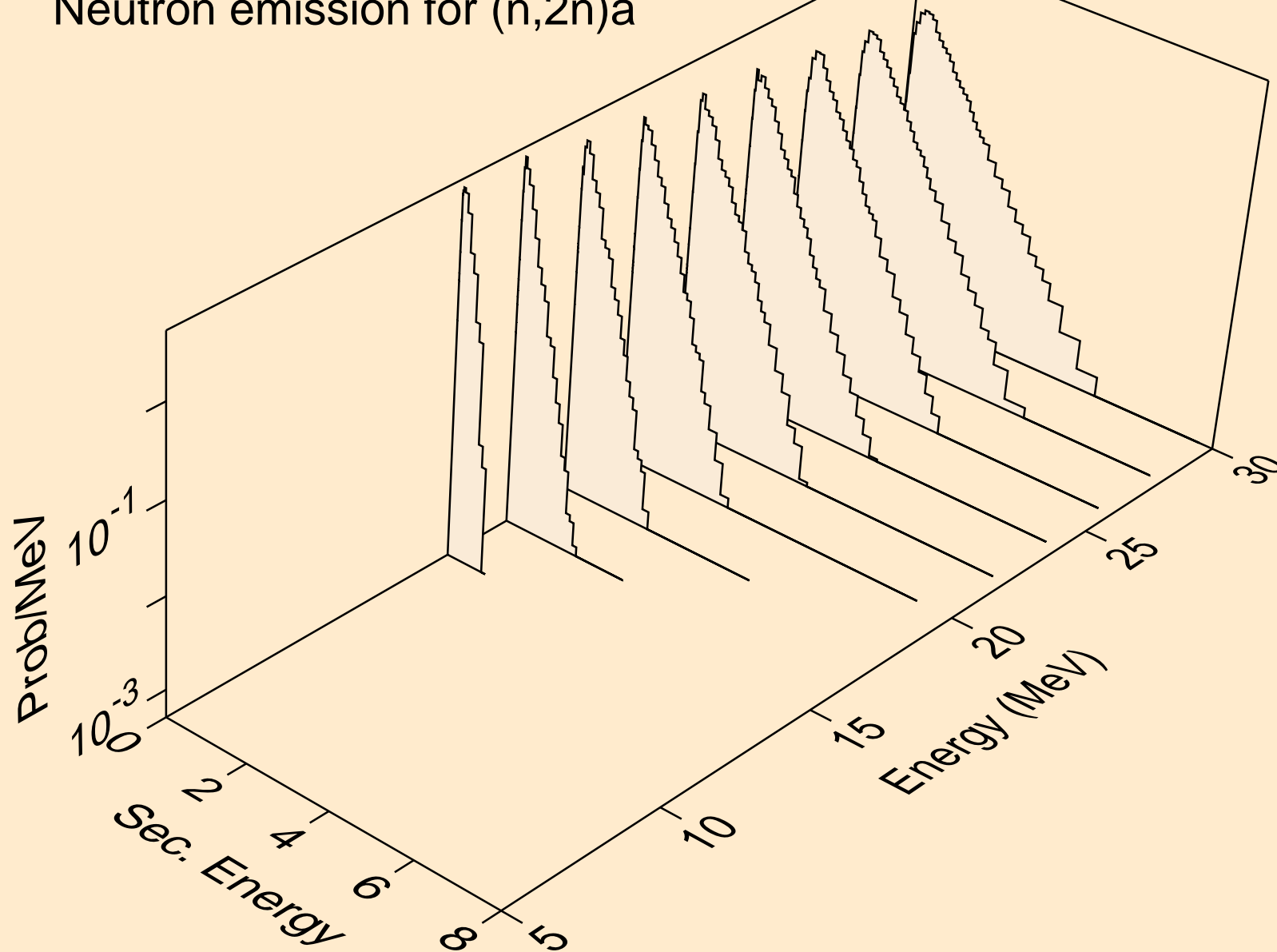
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a

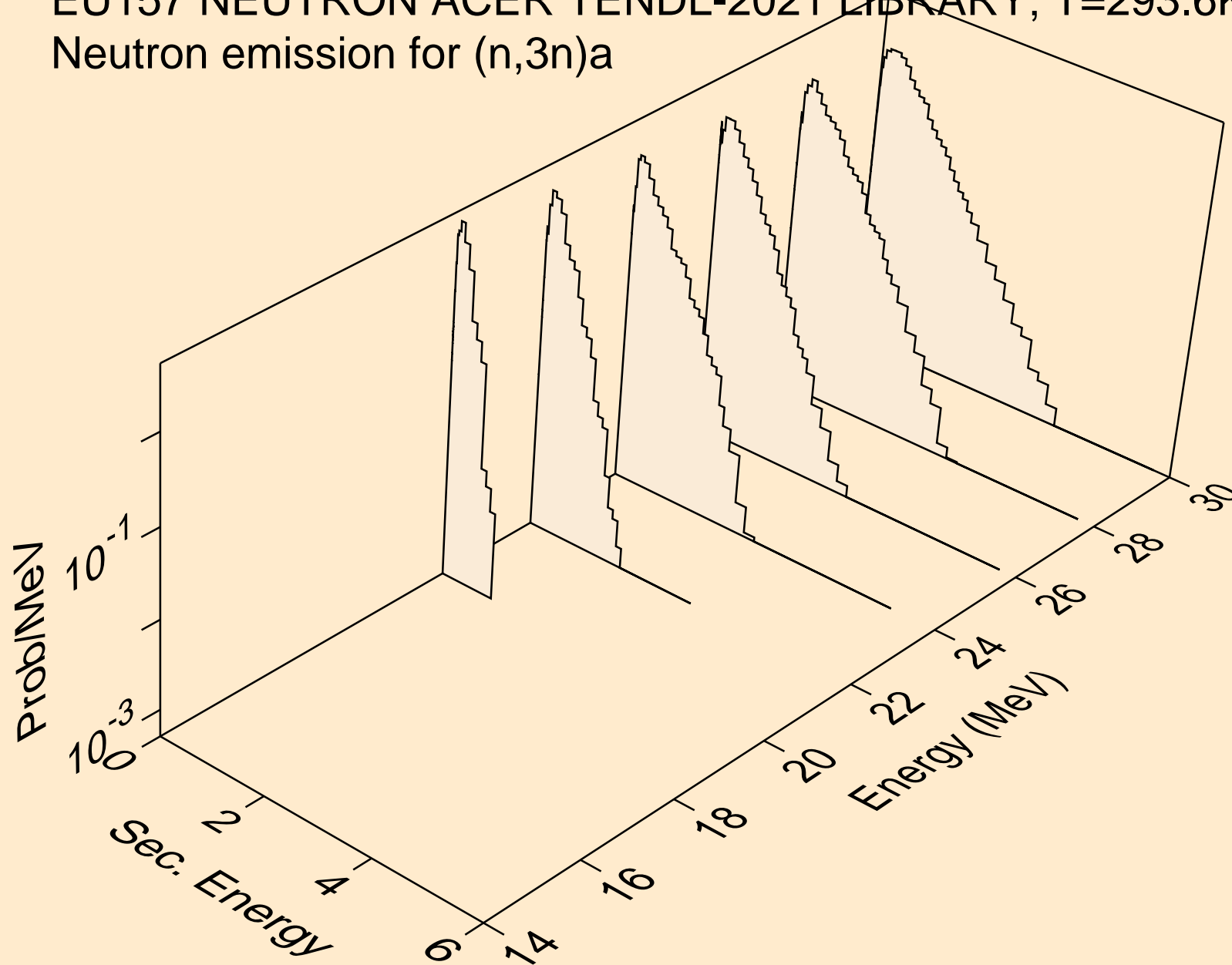


EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>

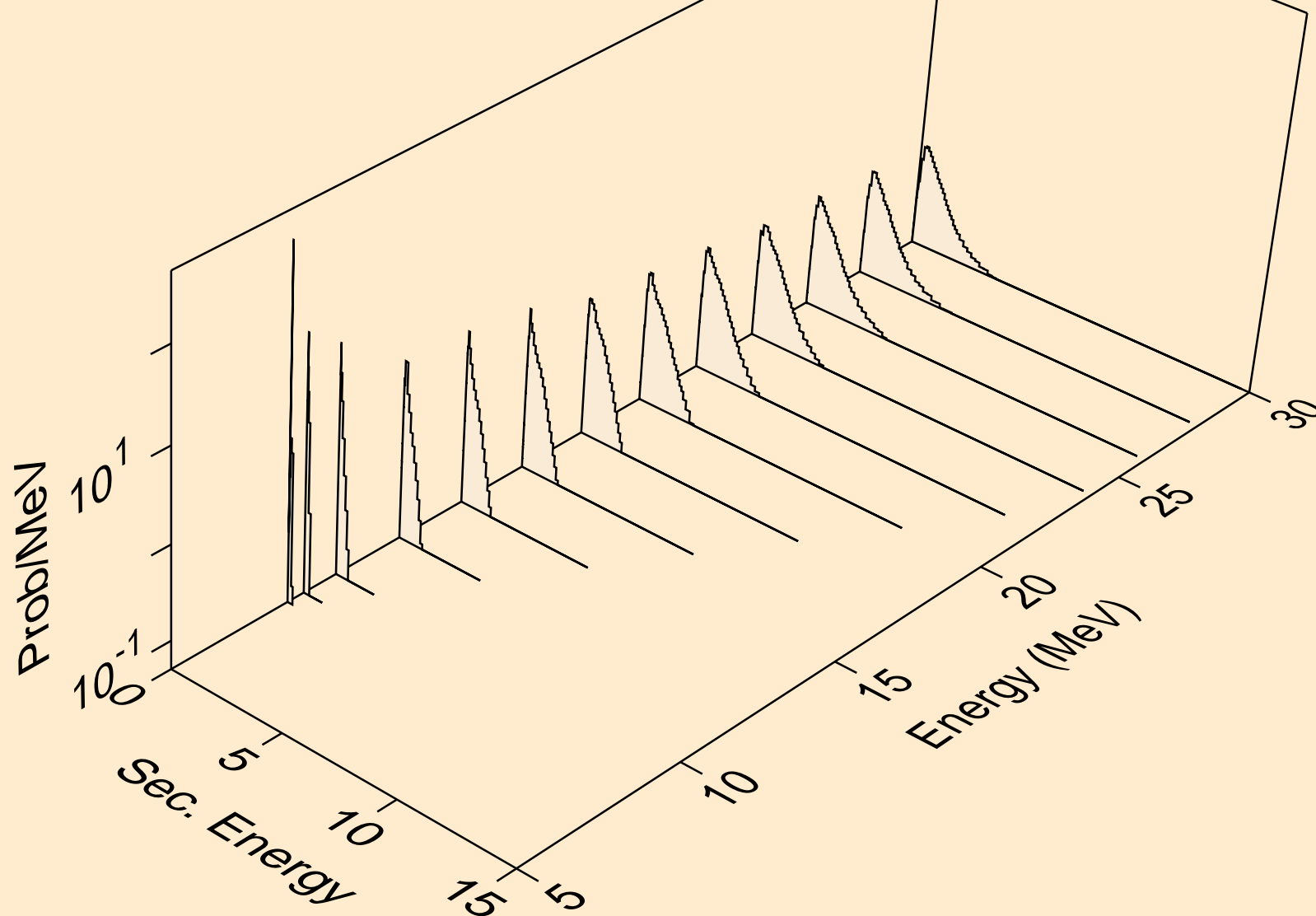




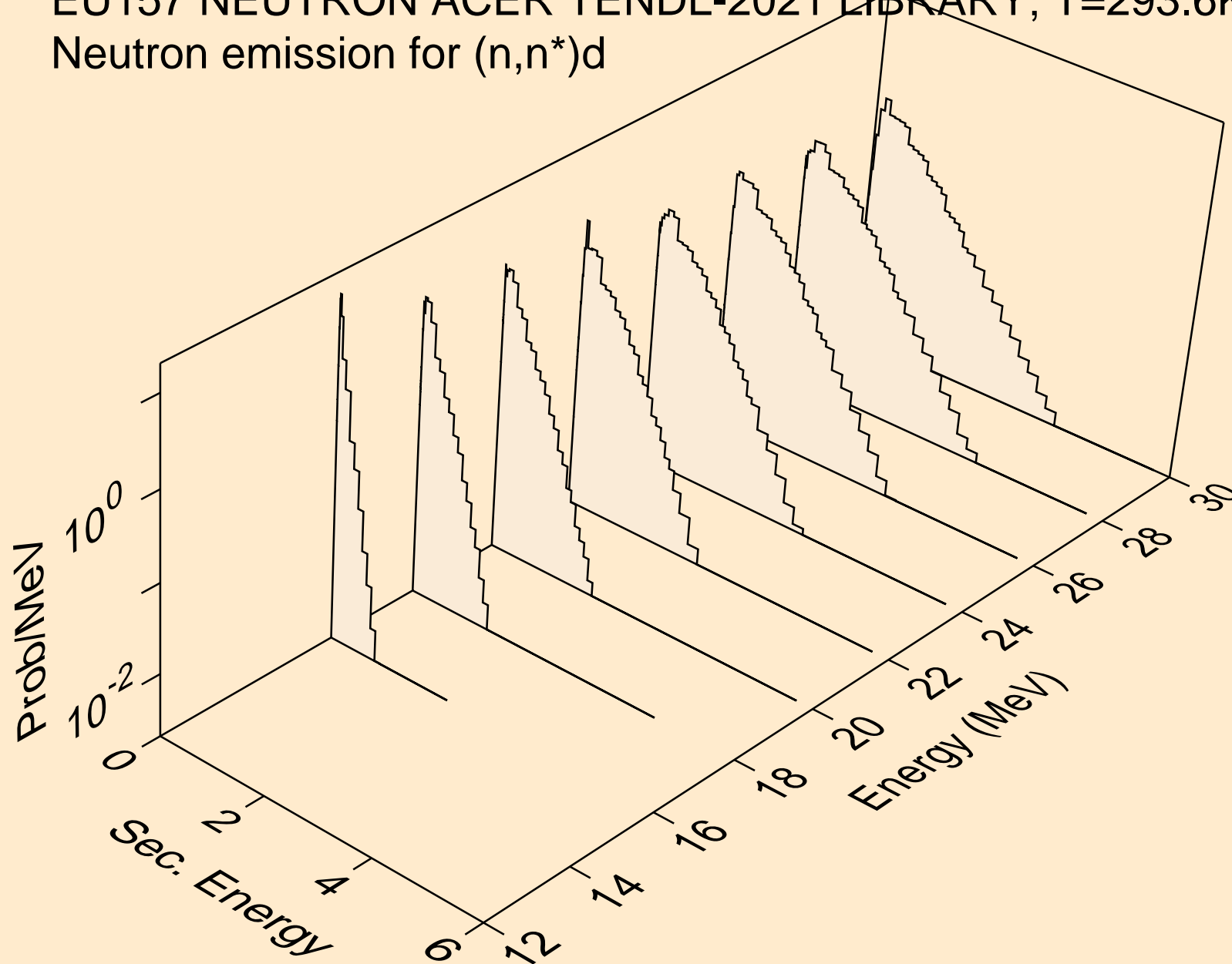
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



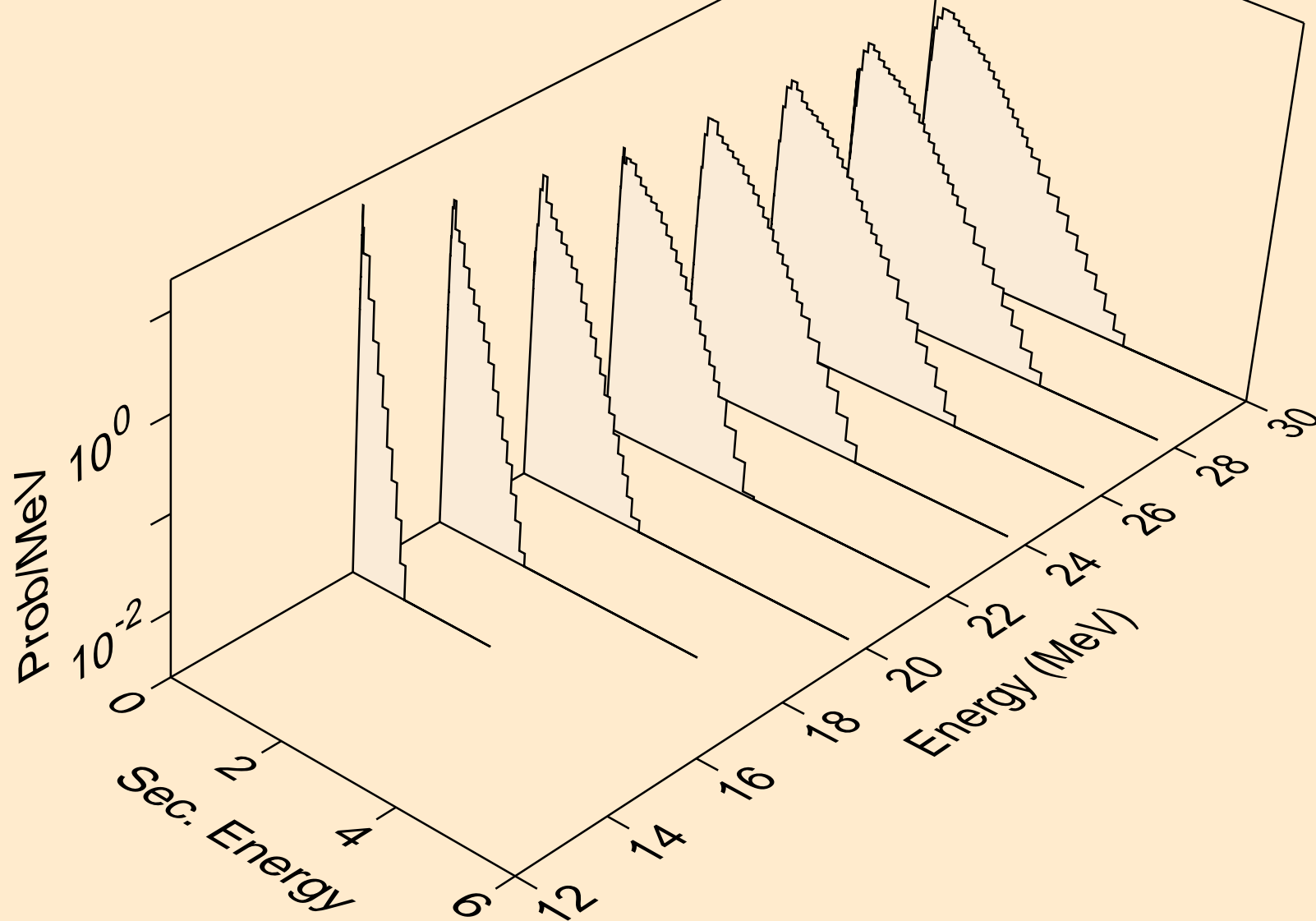
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



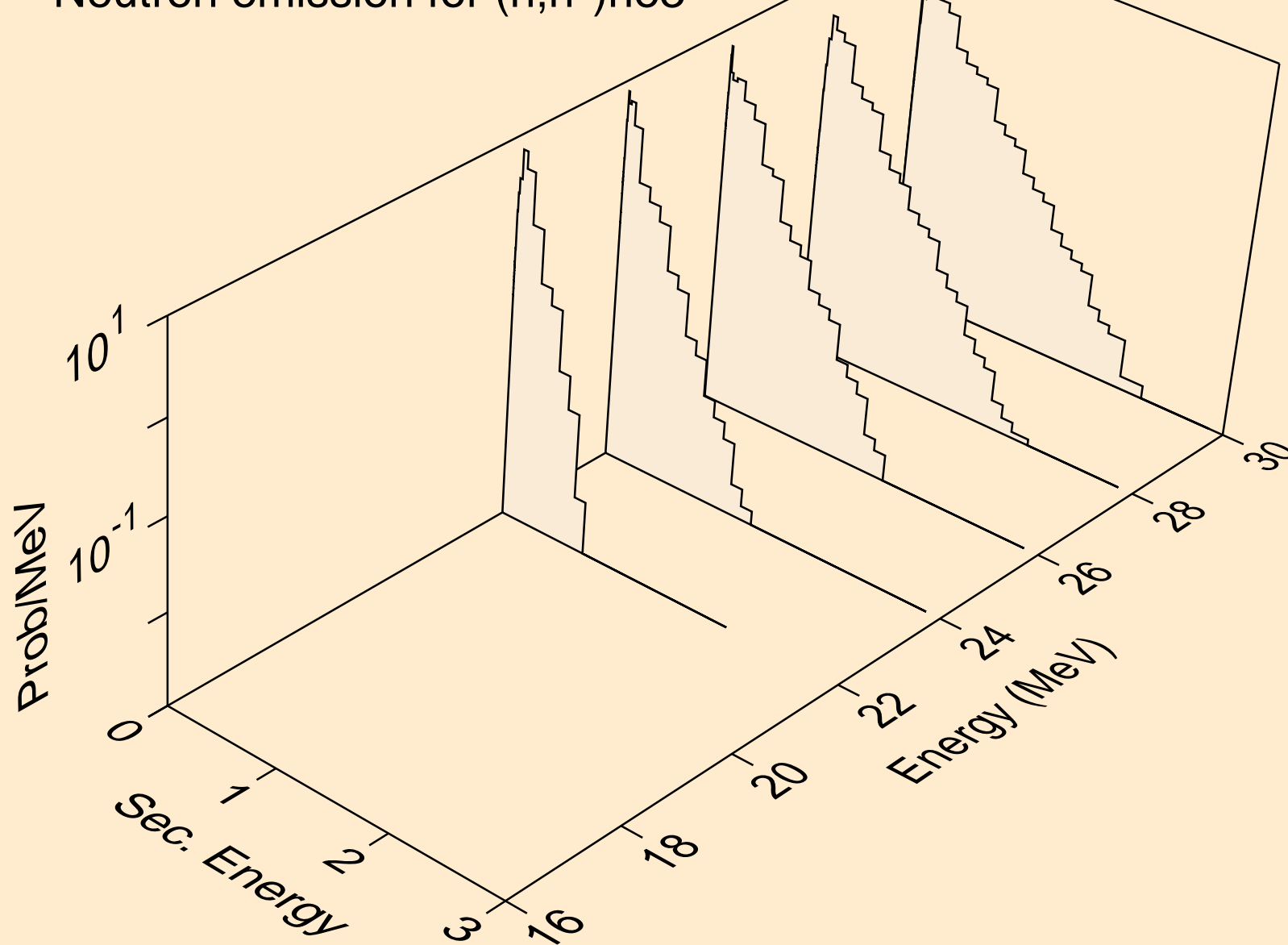
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



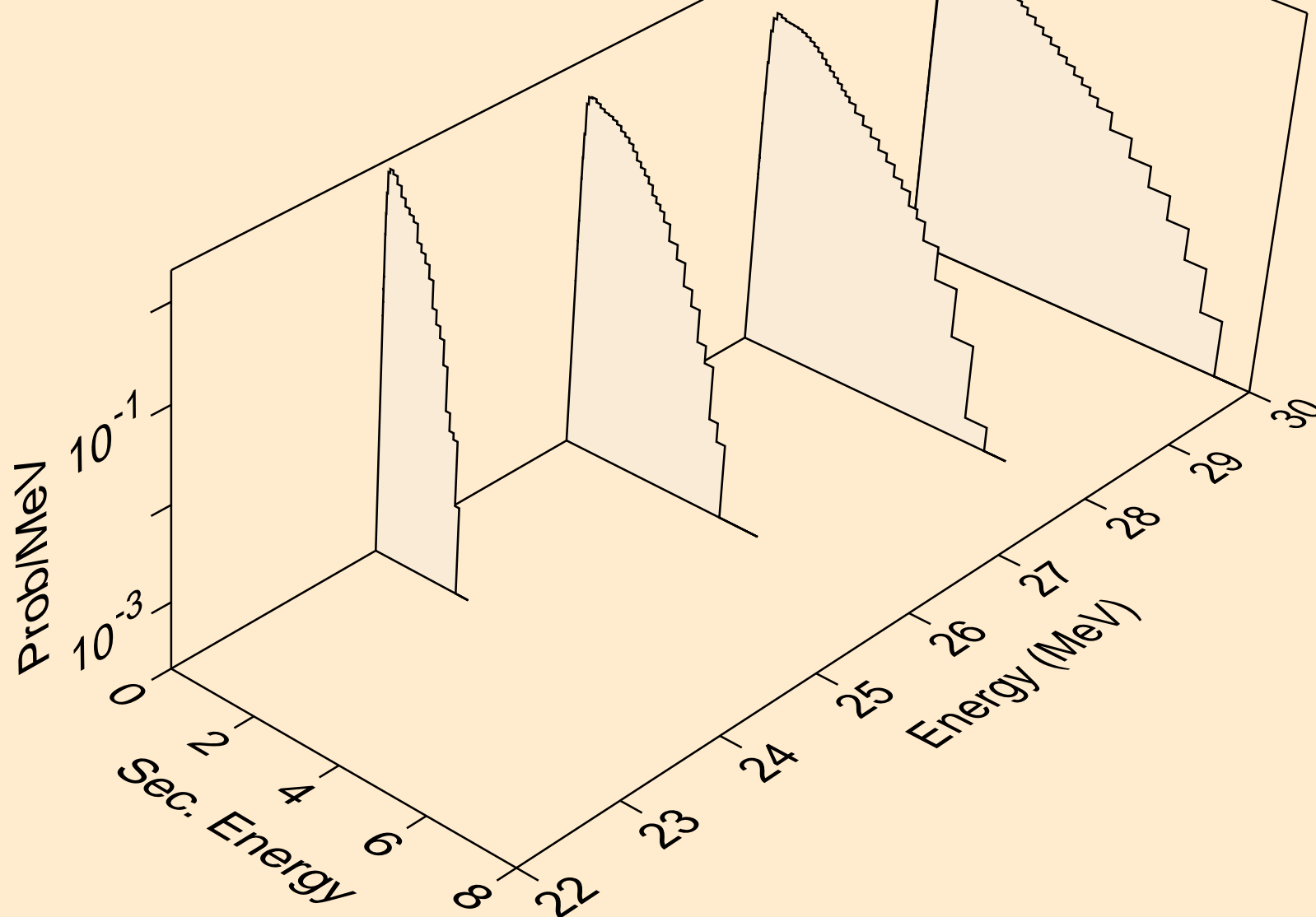
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



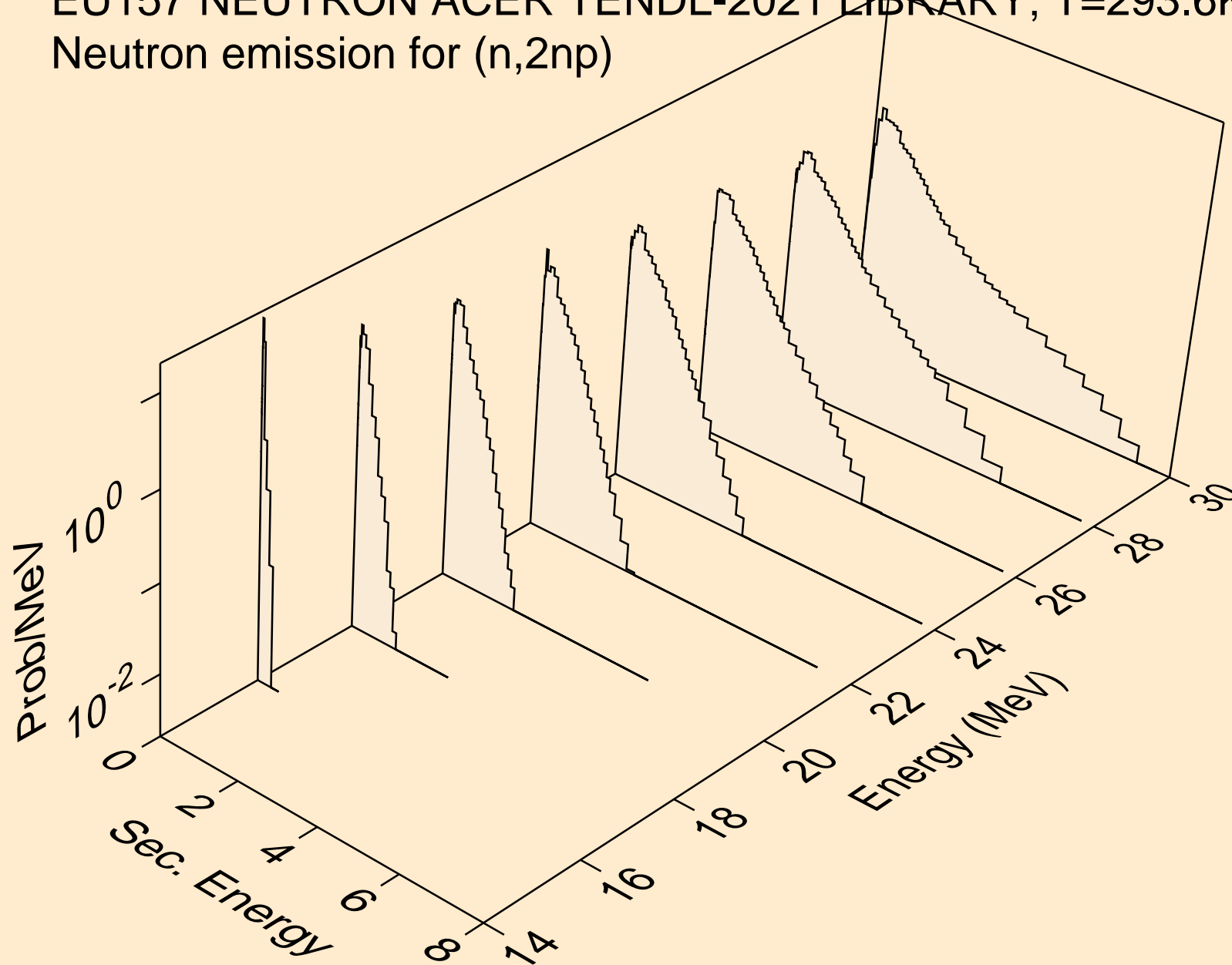
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



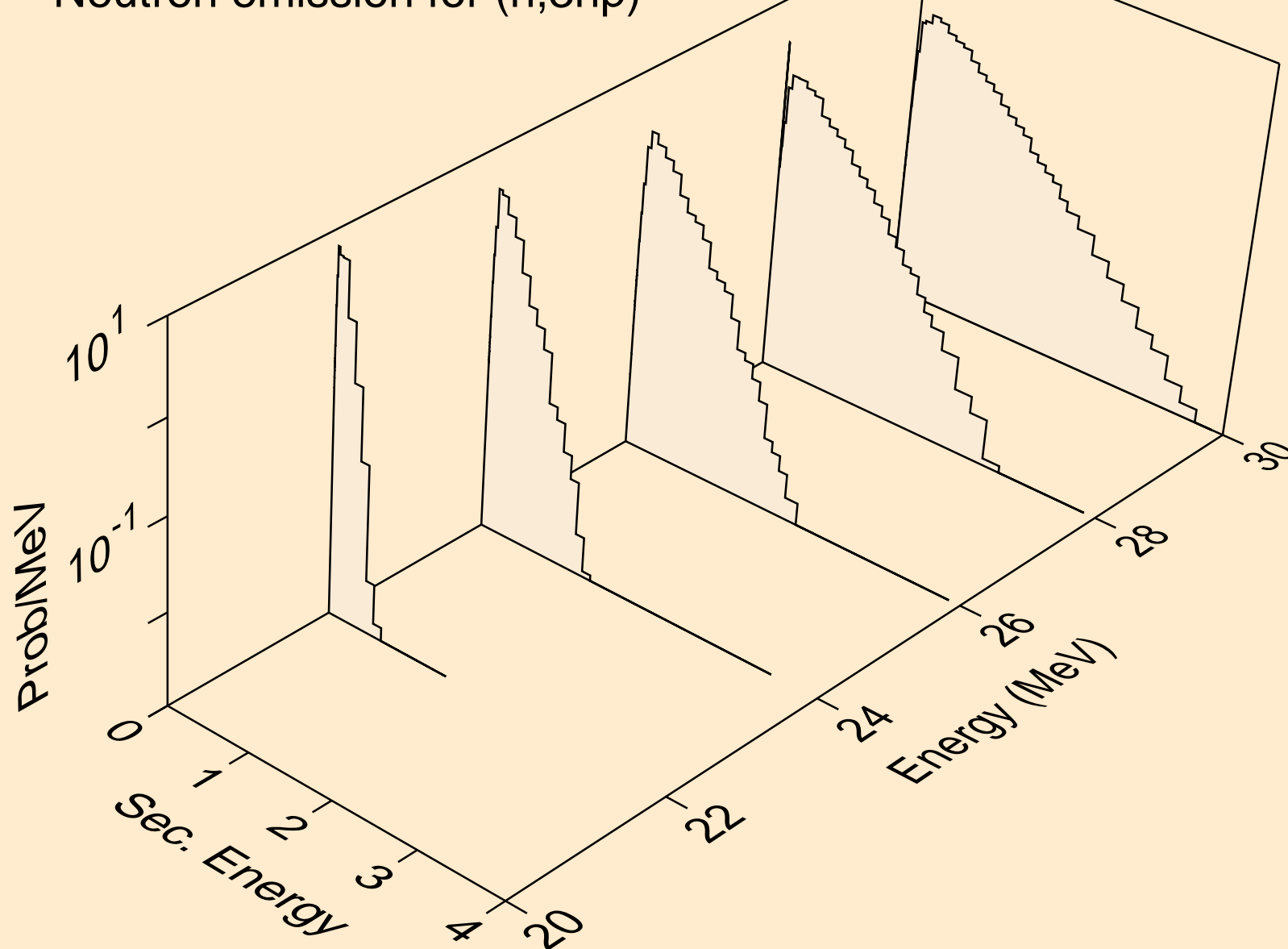
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

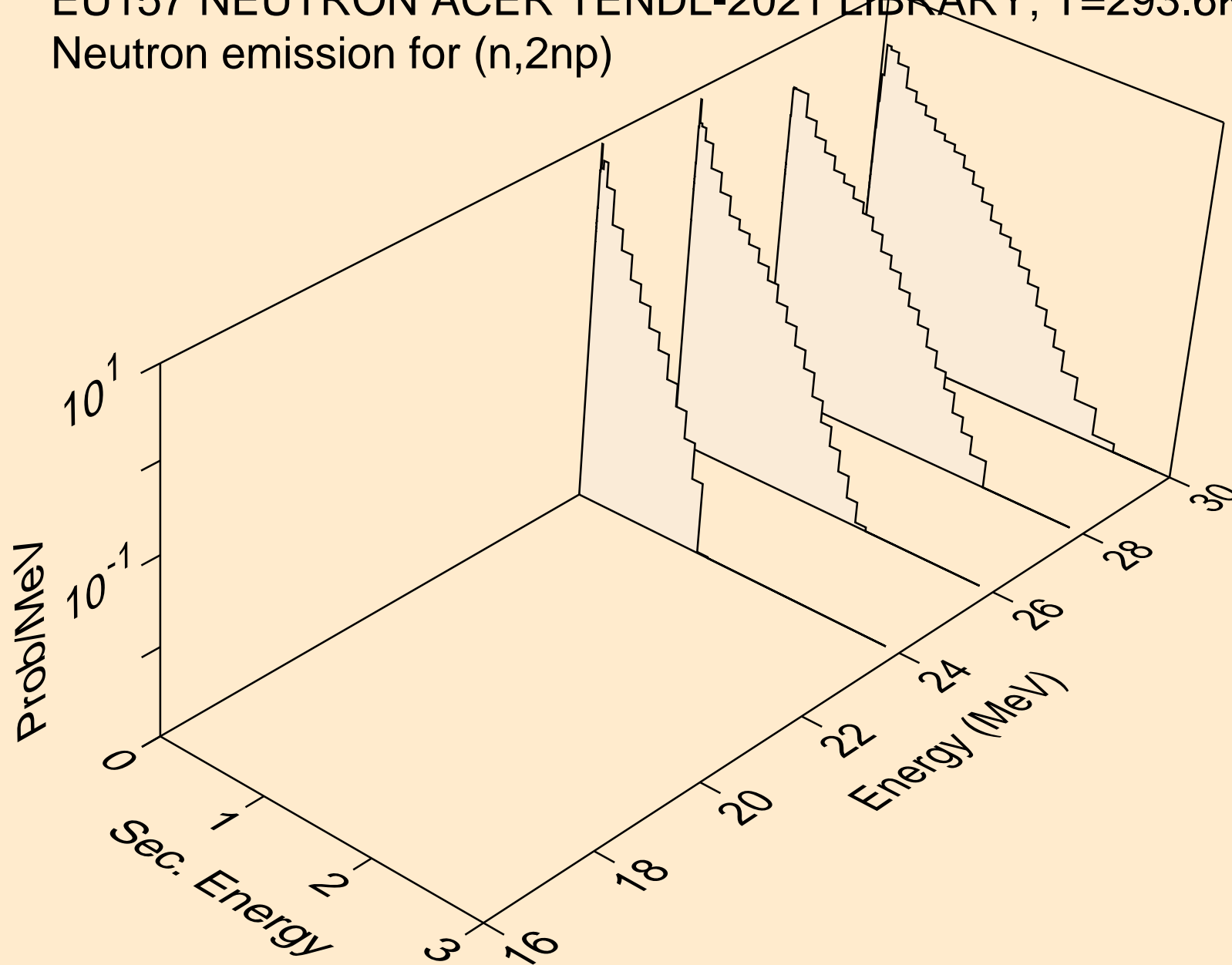


EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)

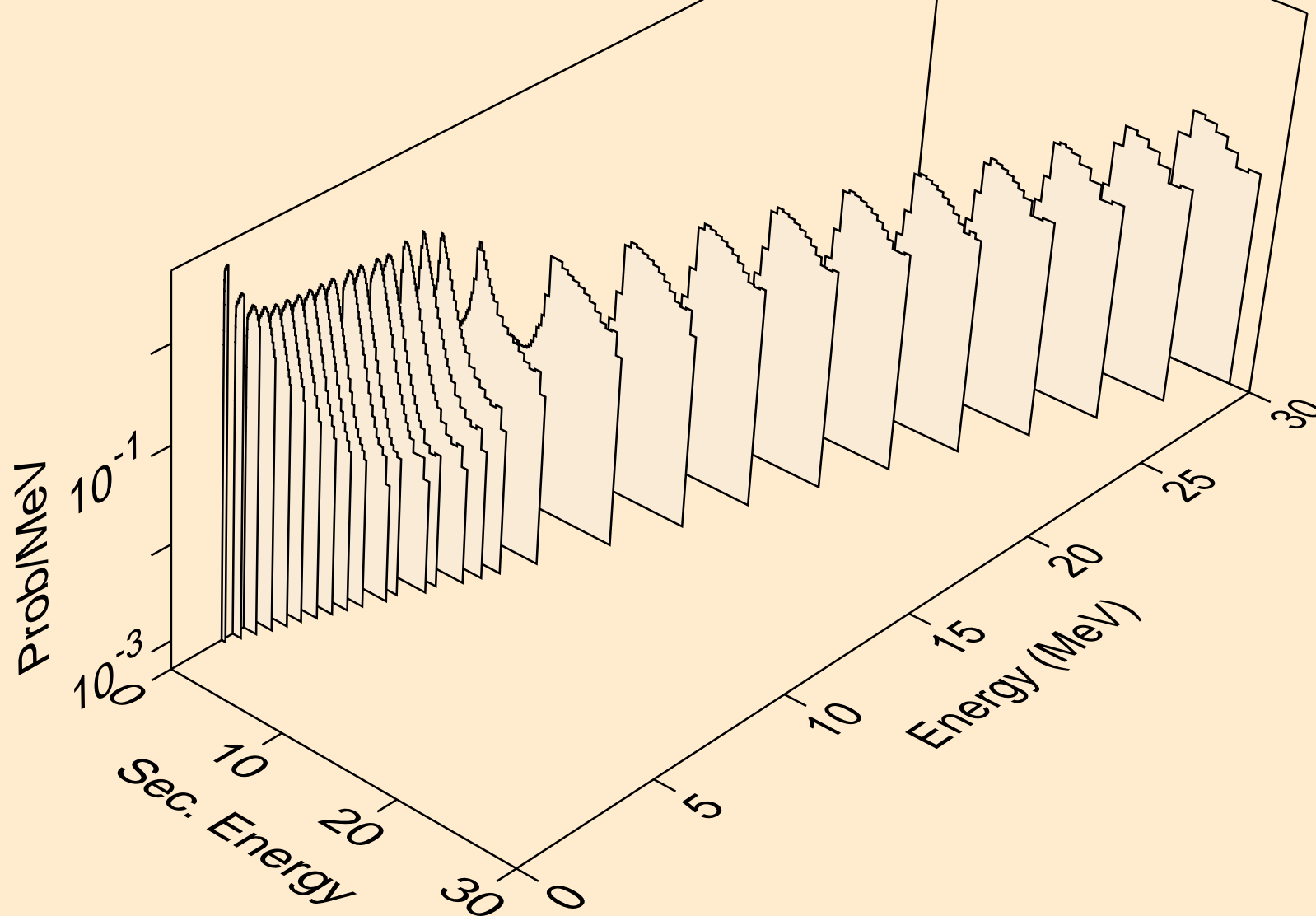




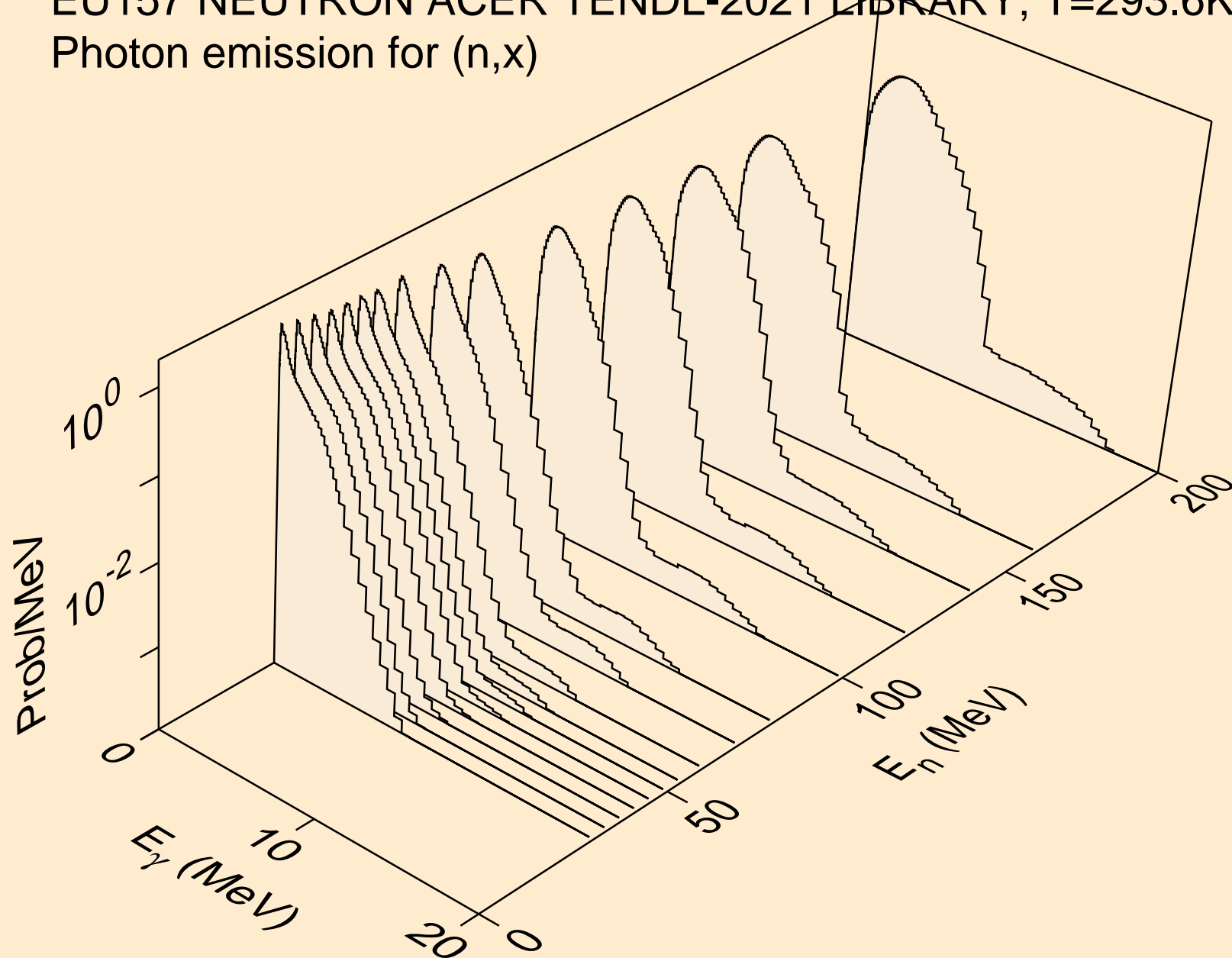
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



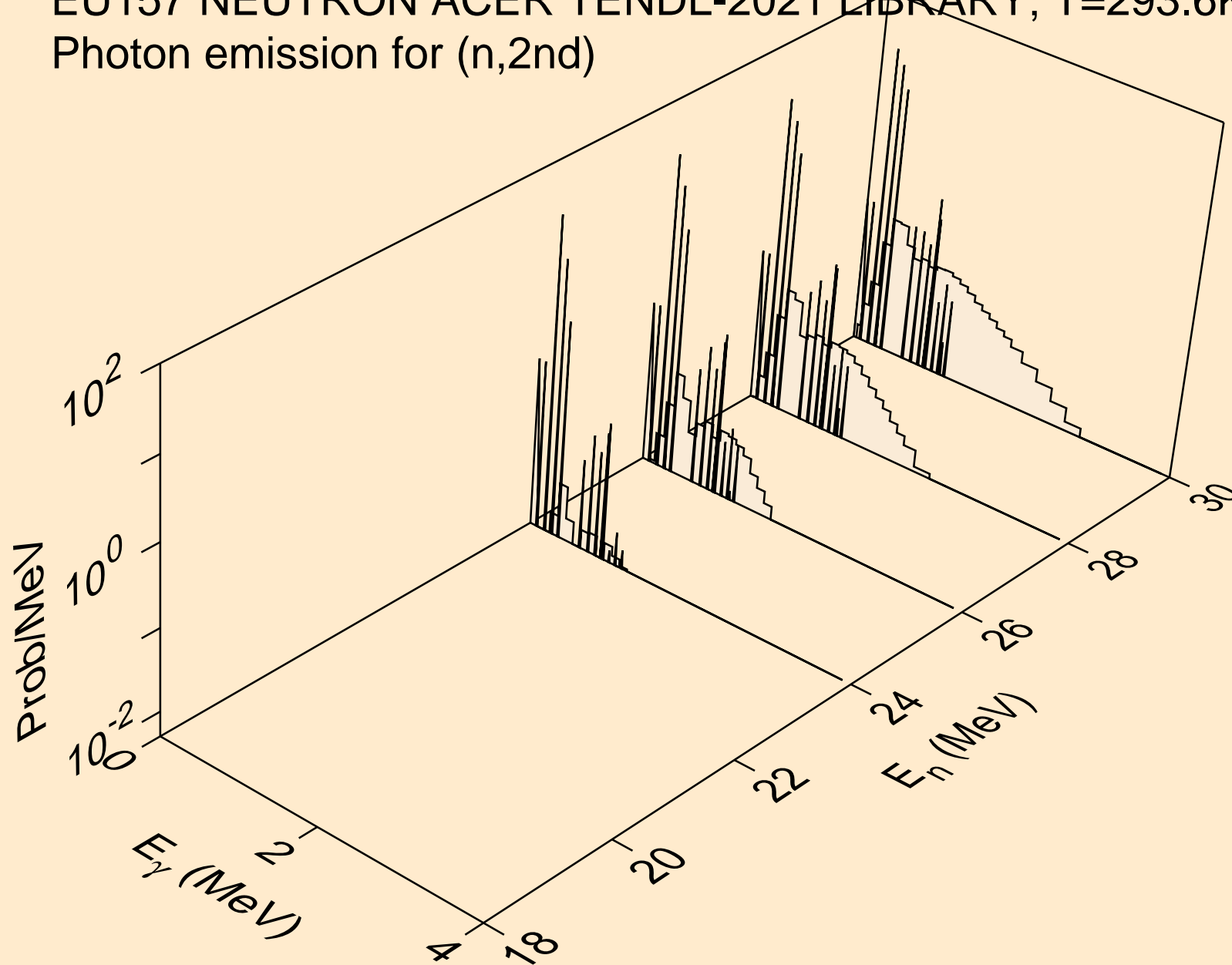
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



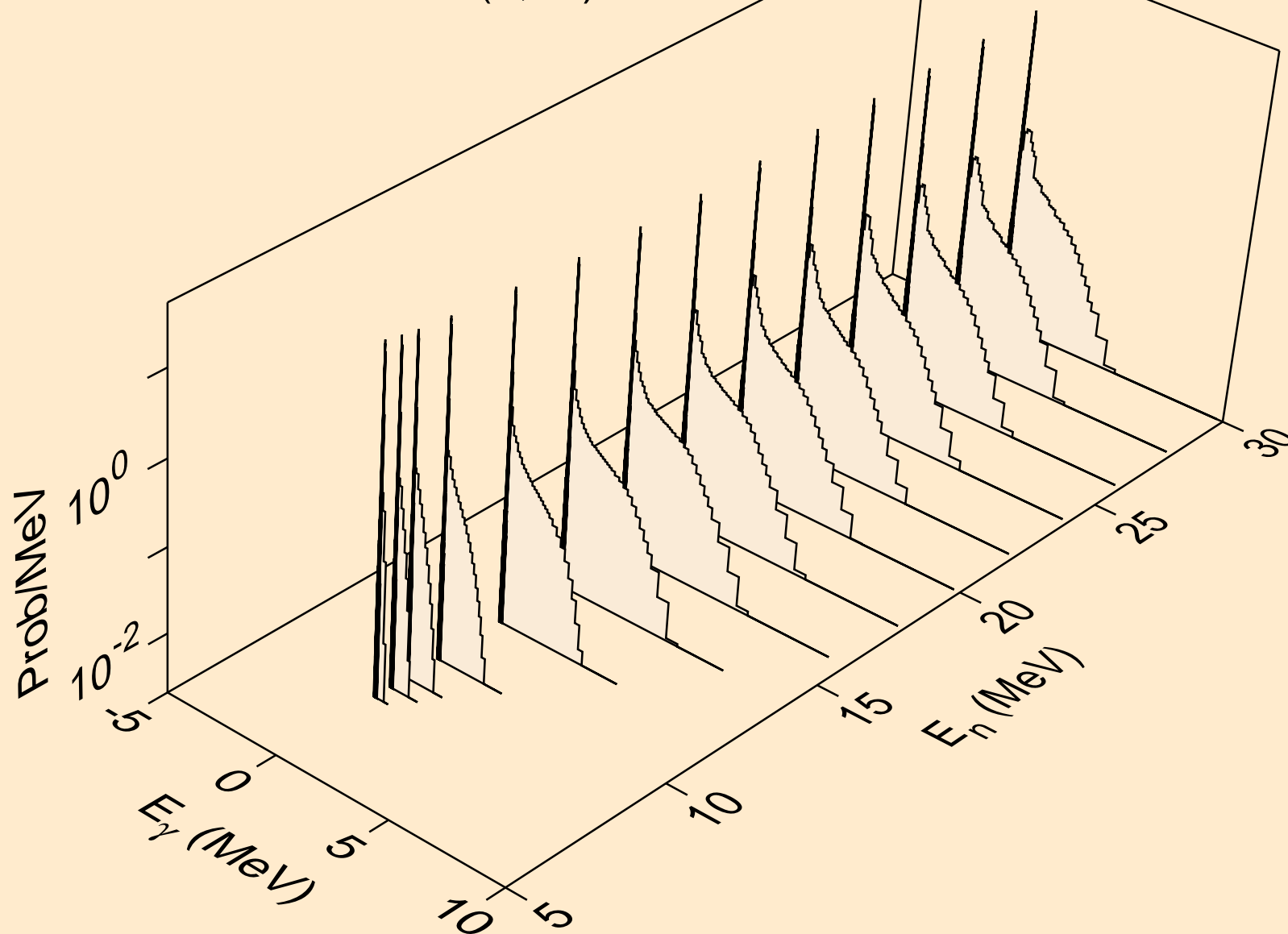
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



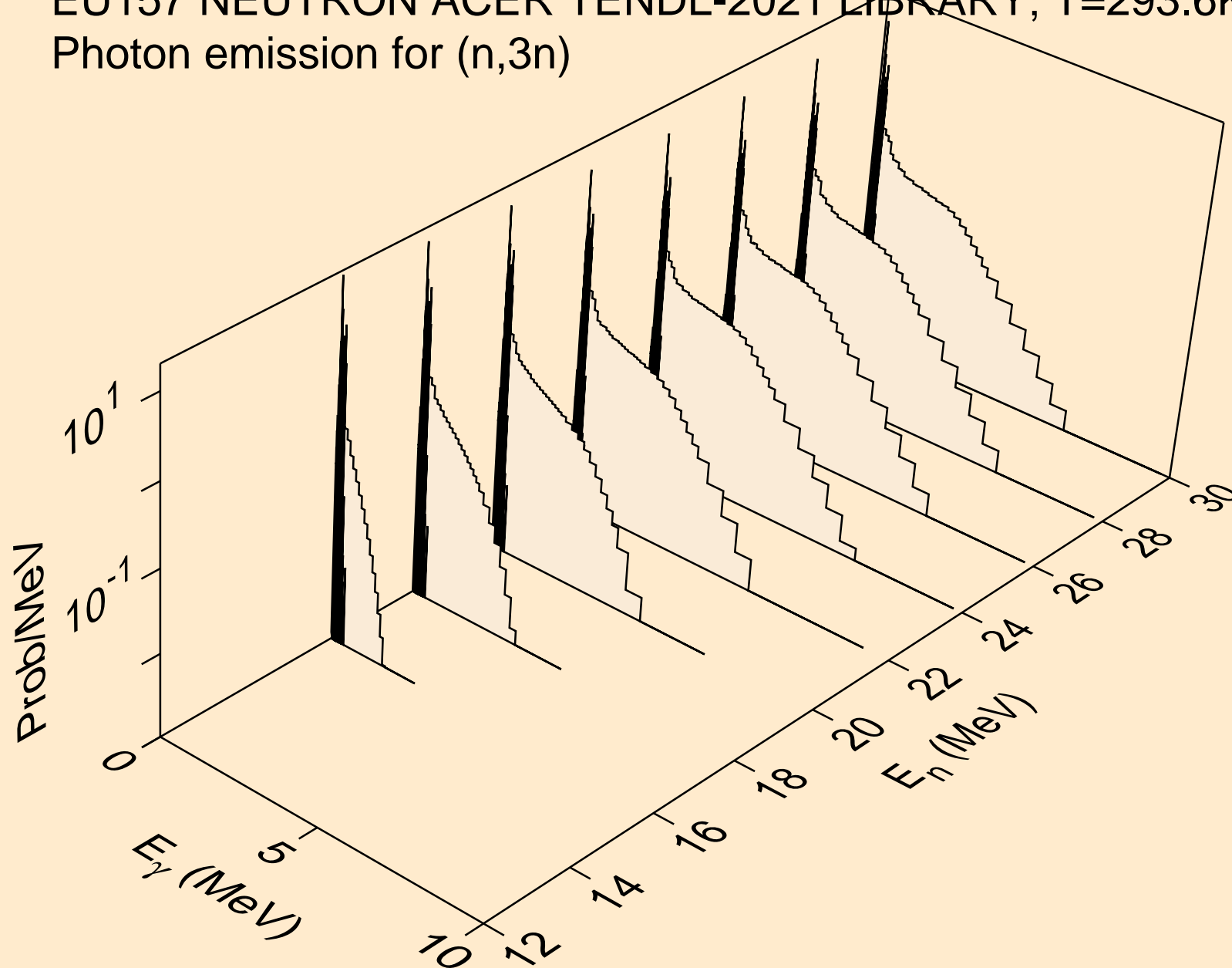
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



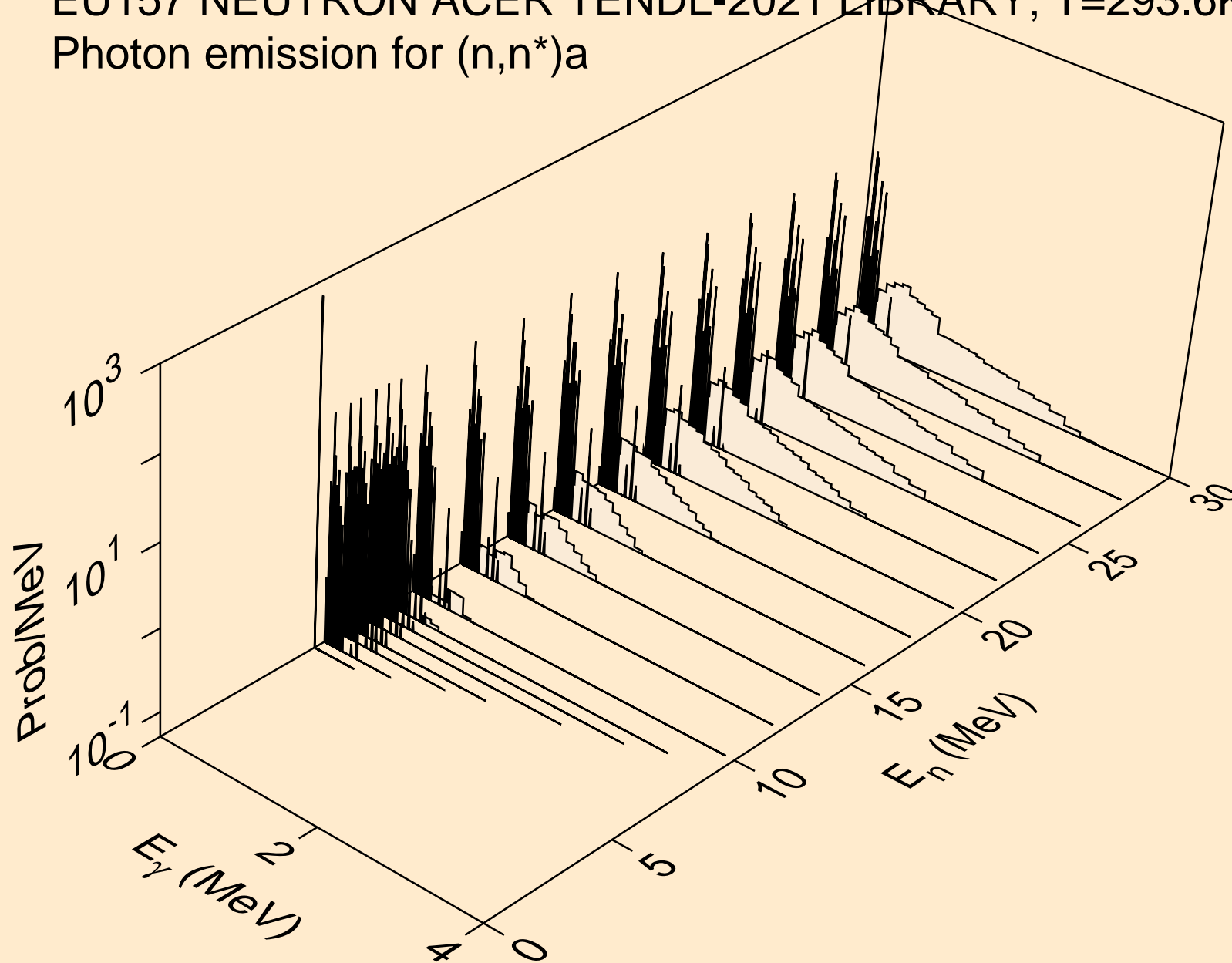
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



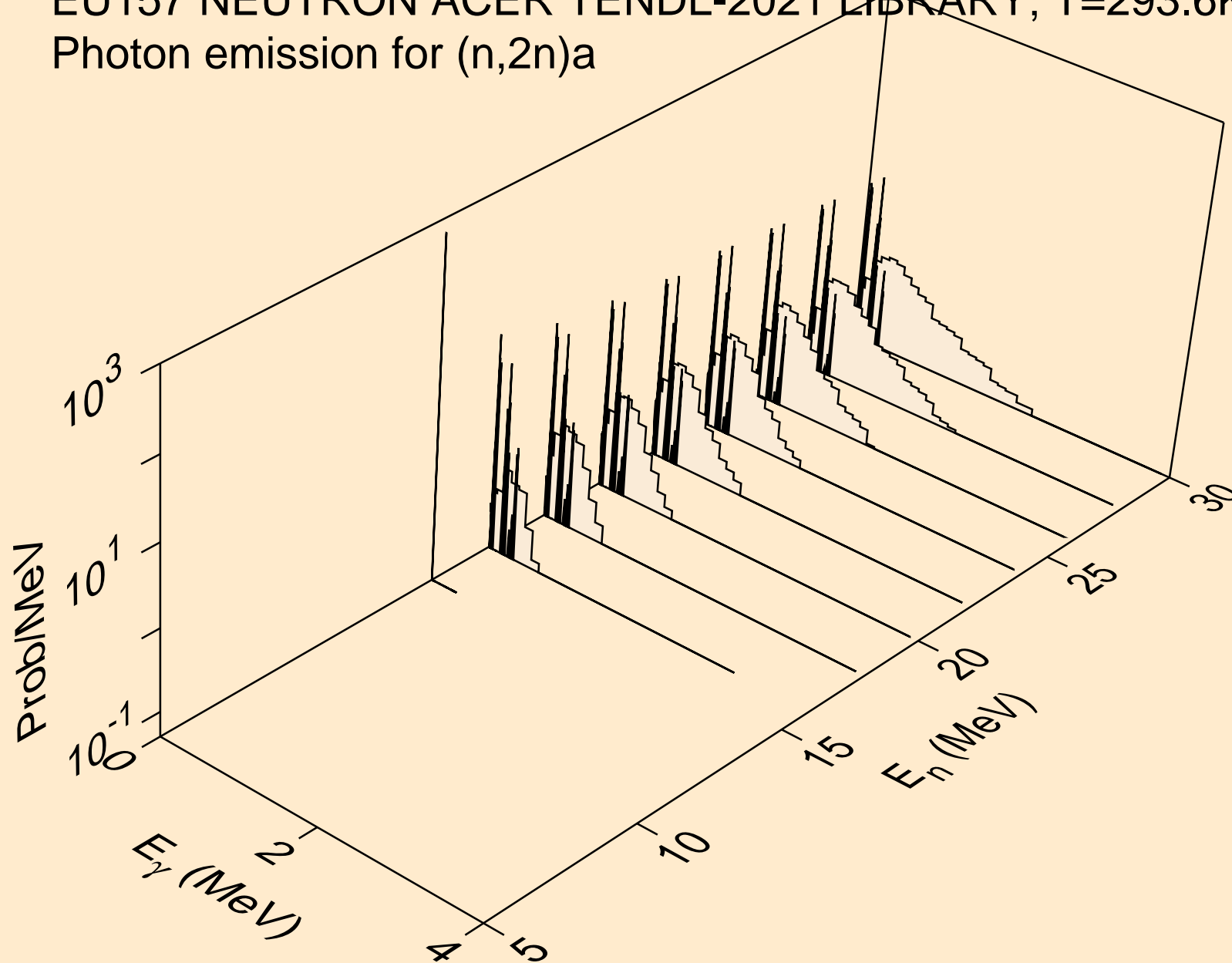
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a

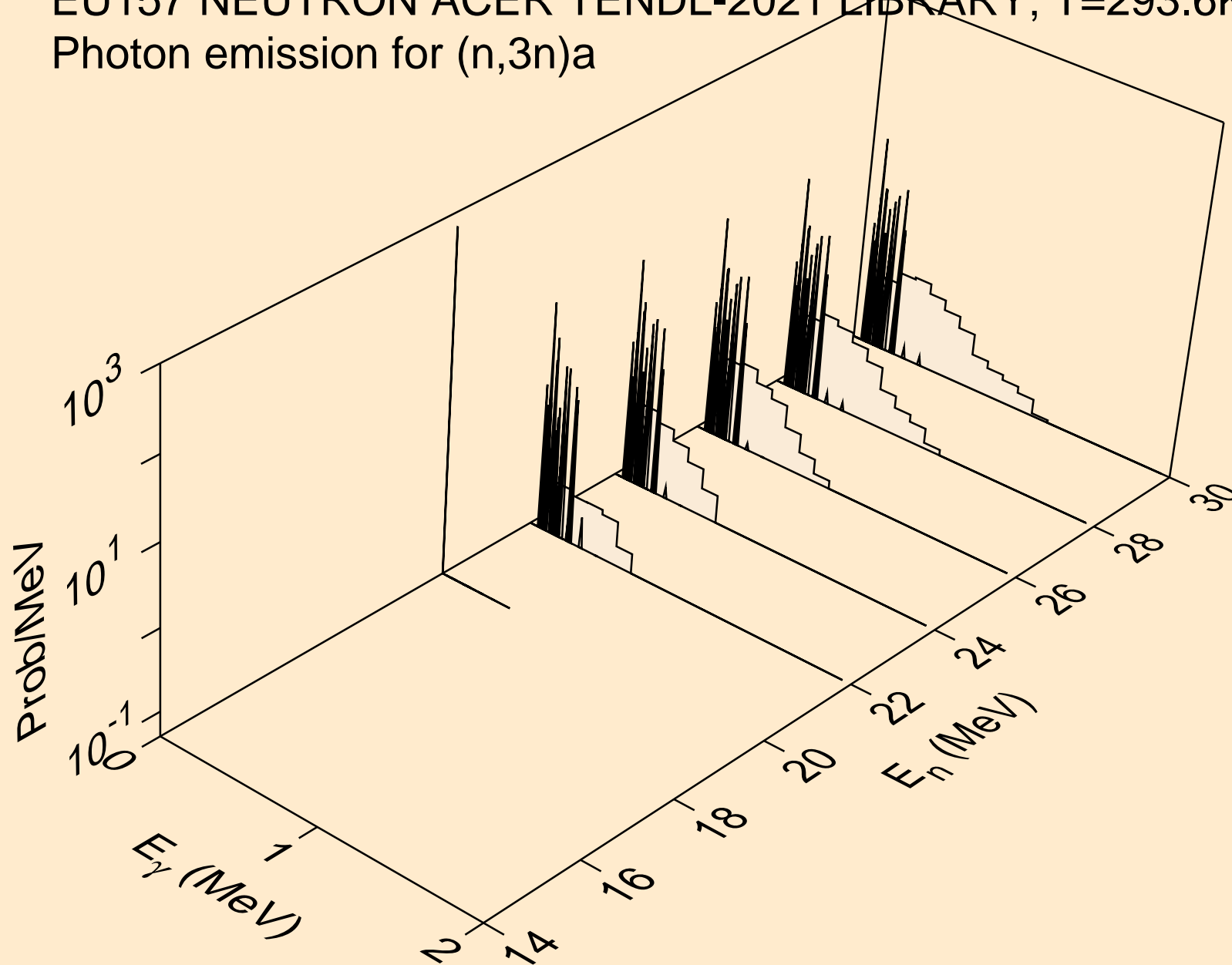


EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n) $\alpha$

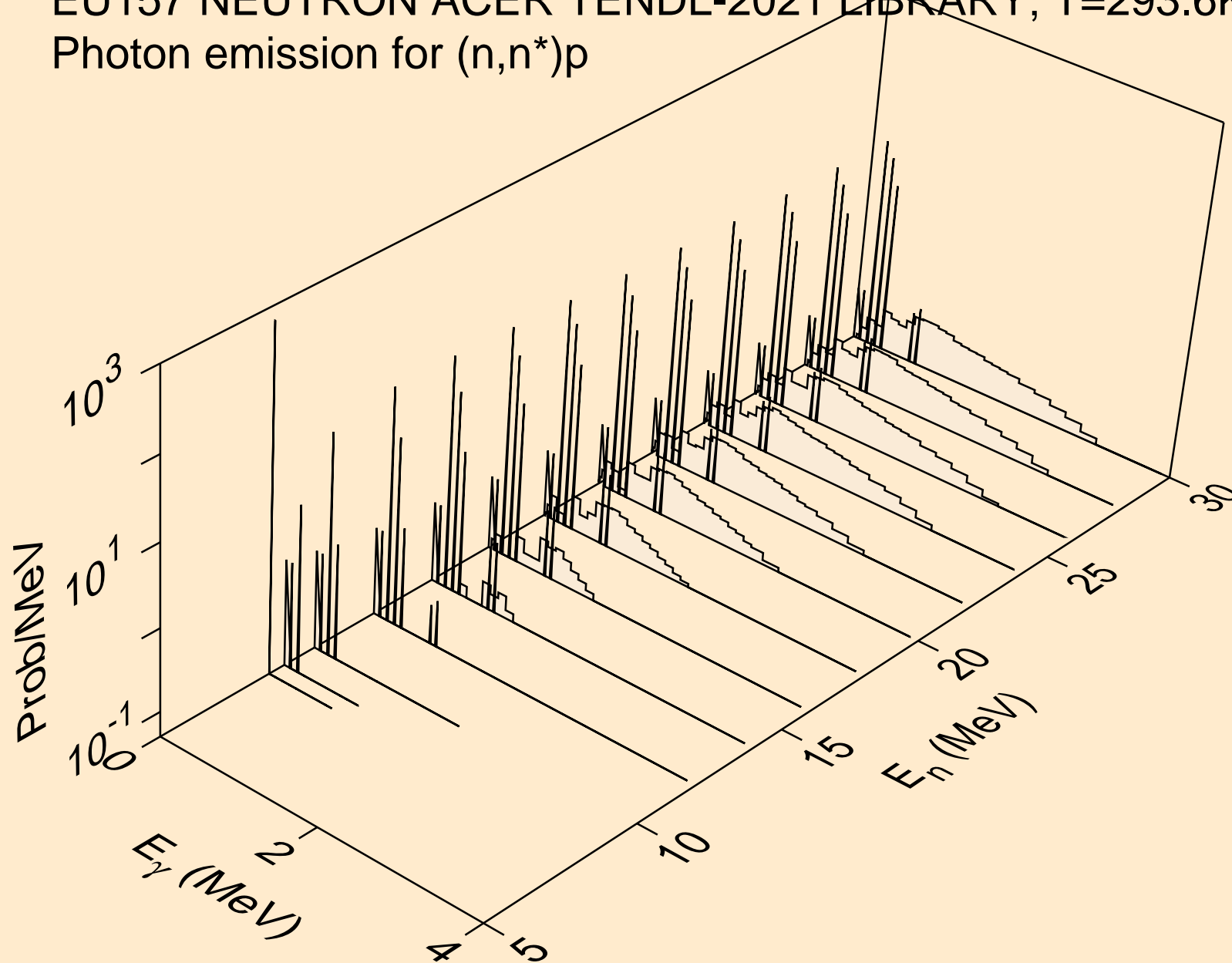




EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a

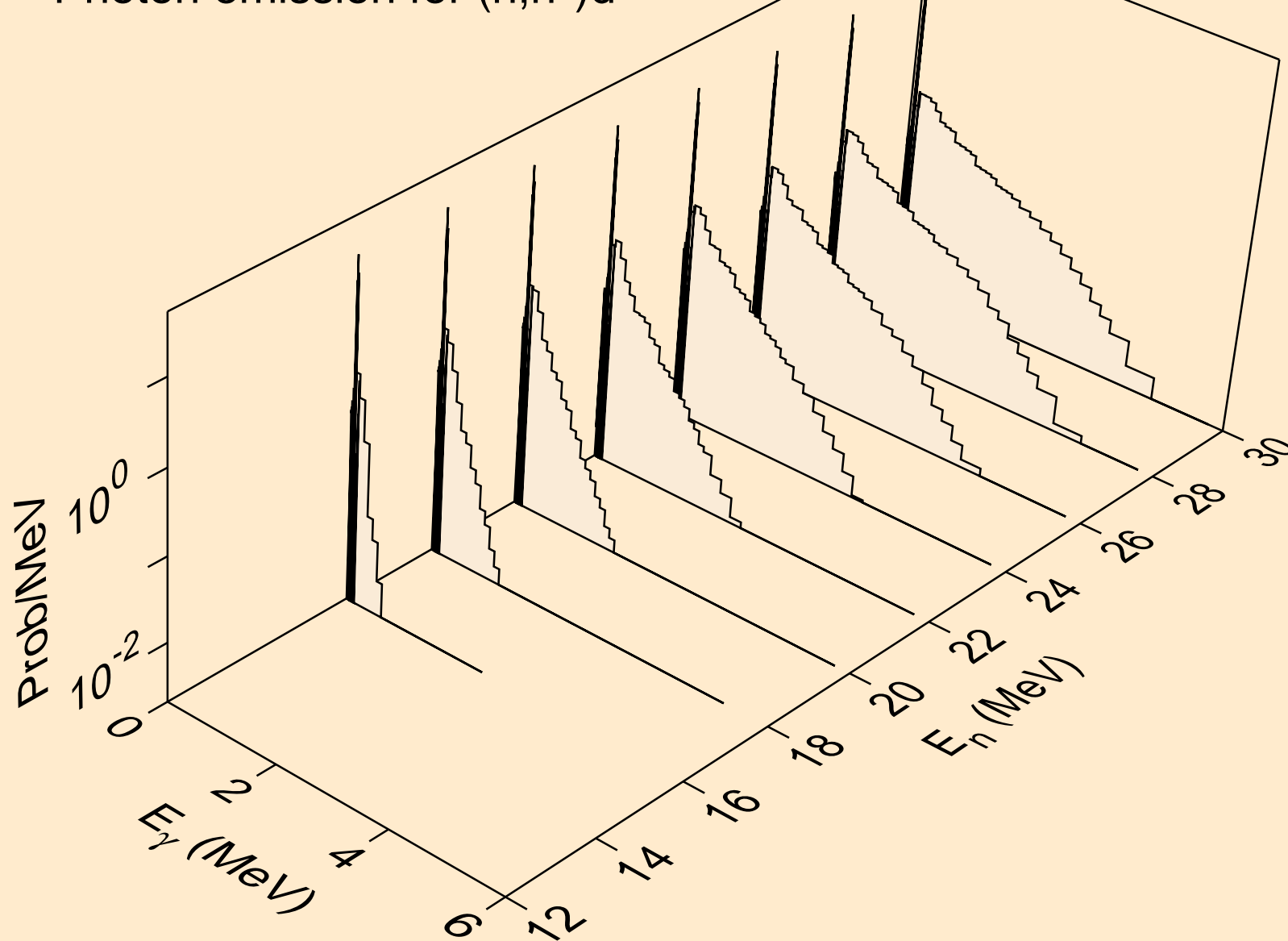


EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p

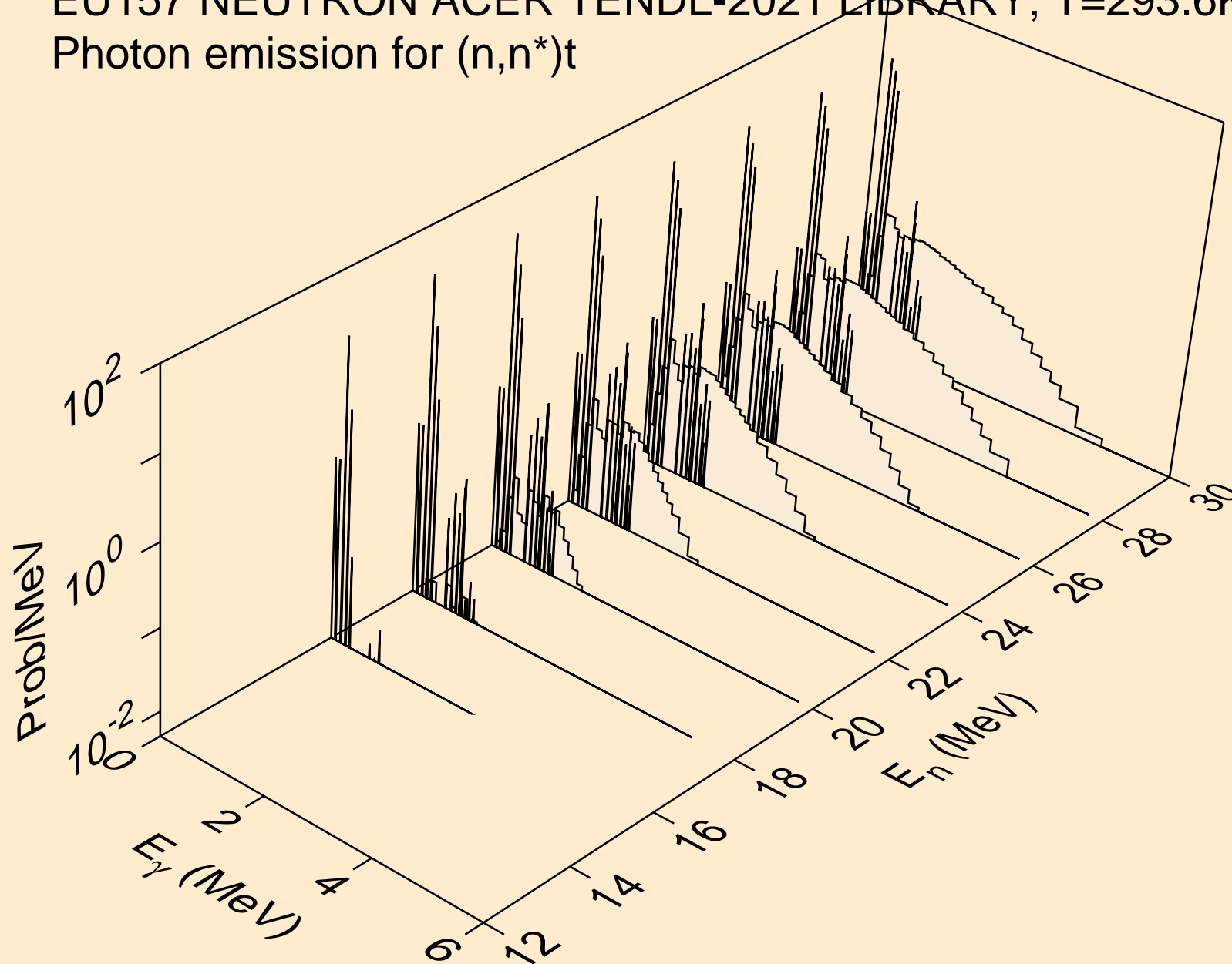


EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

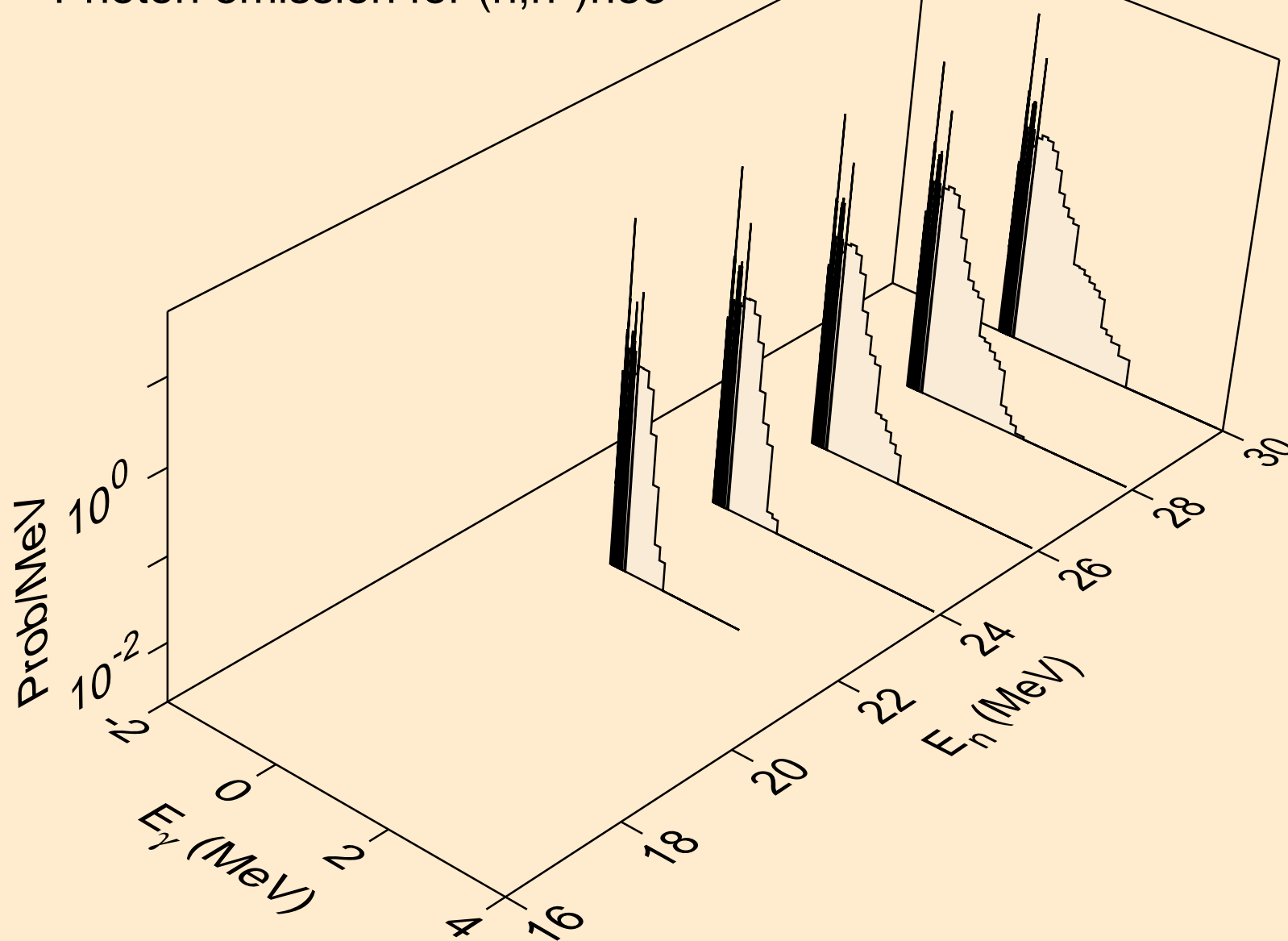
Photon emission for (n,n\*)d



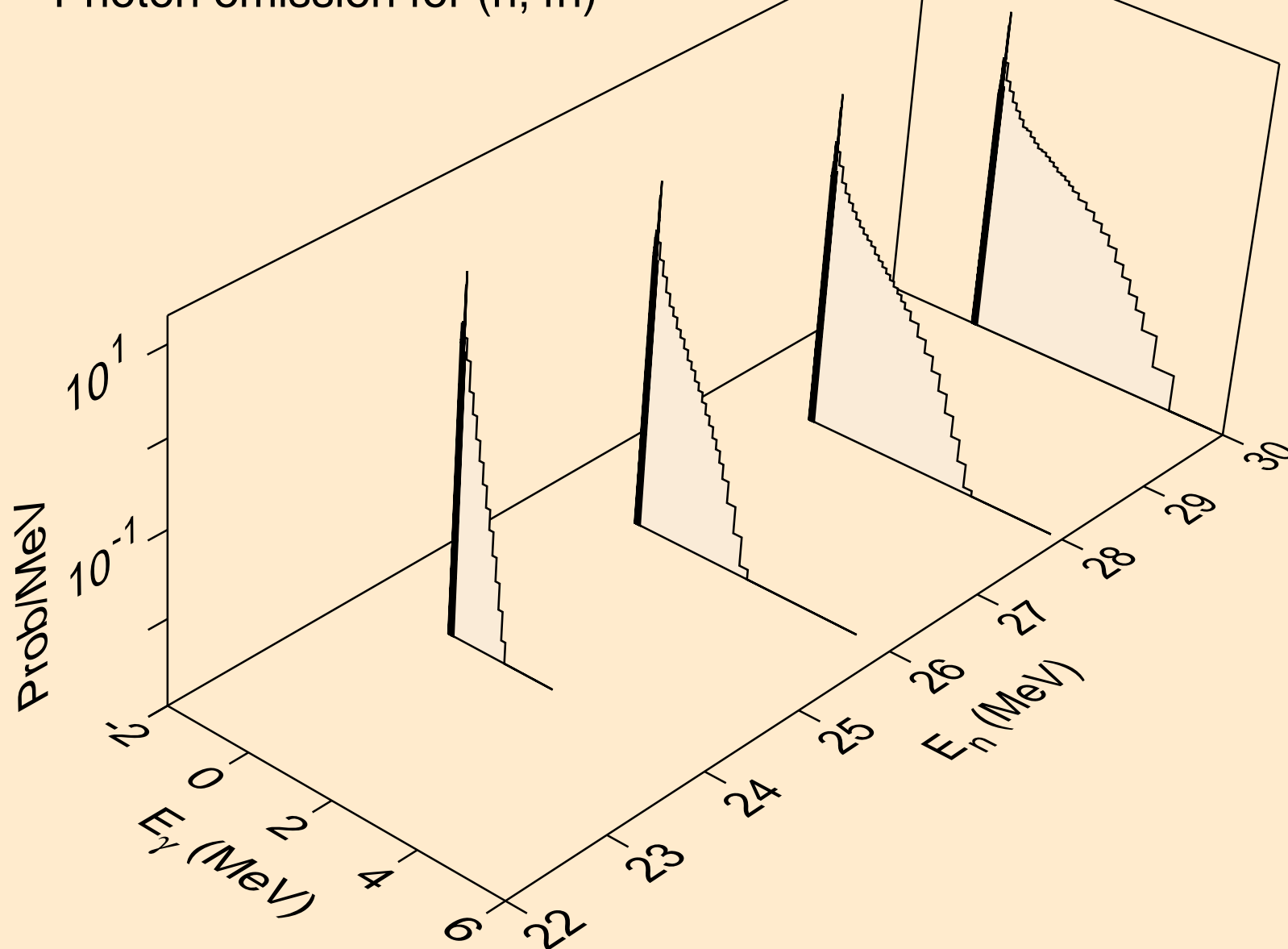
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



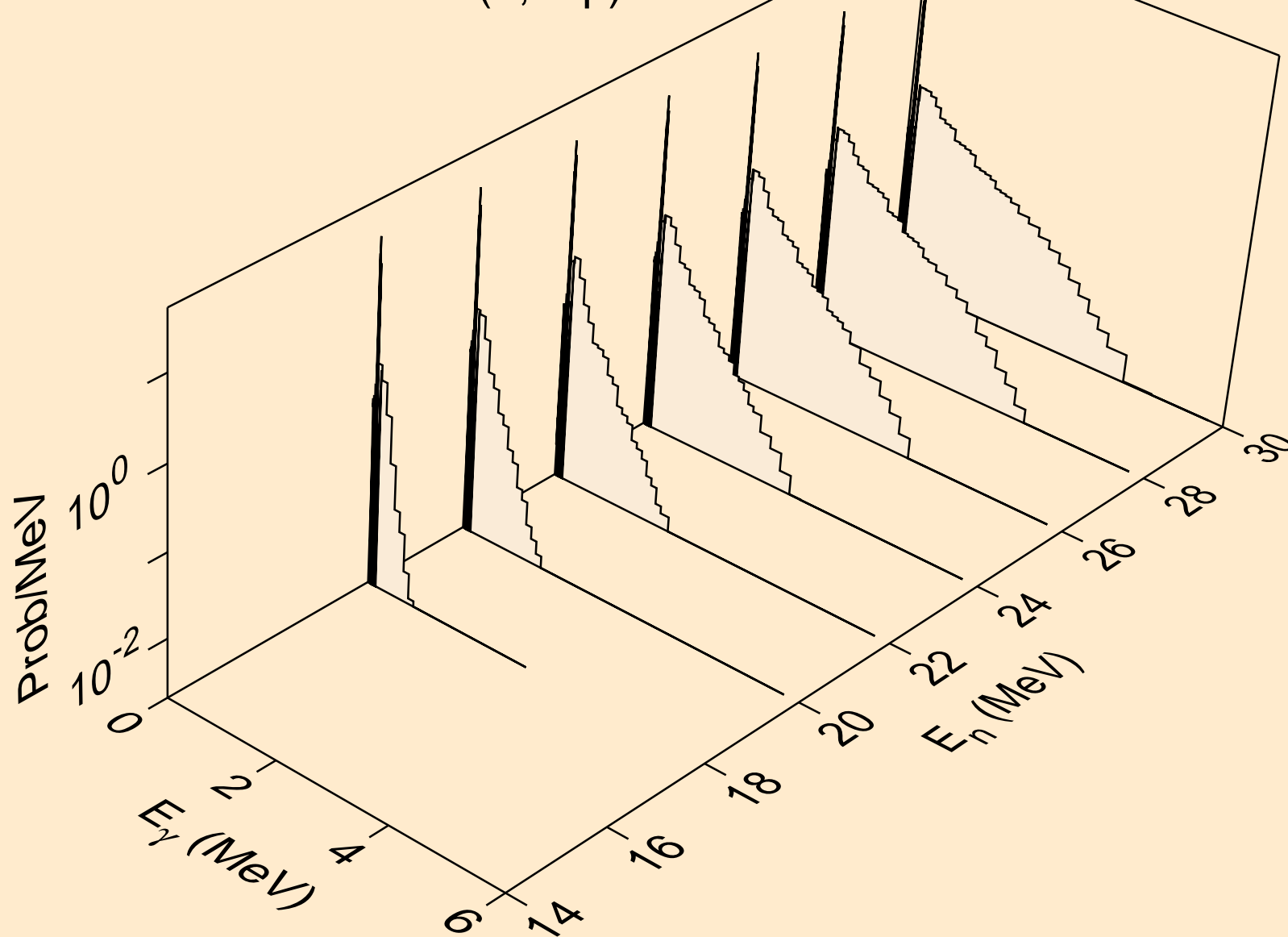
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



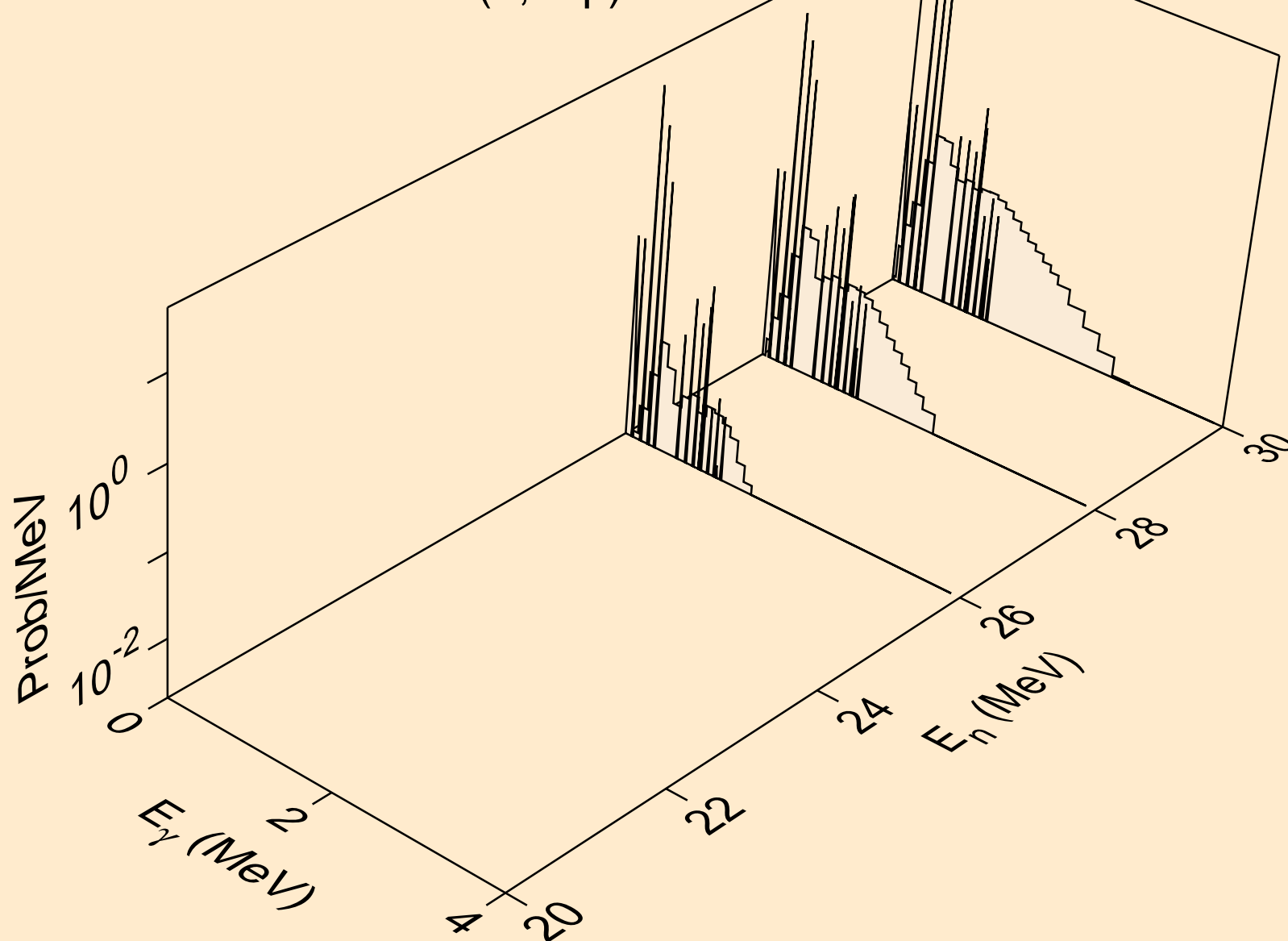
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

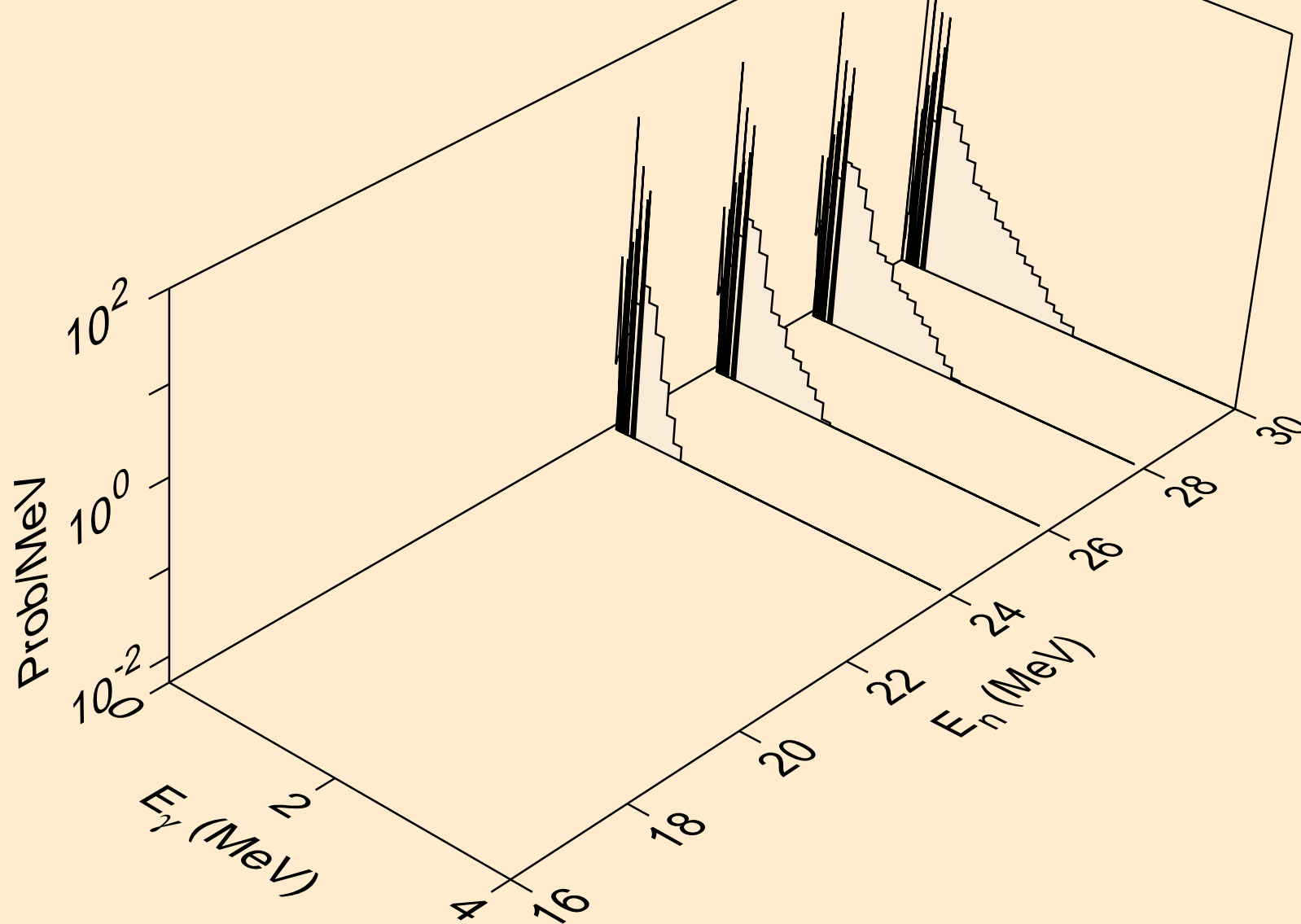


EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)

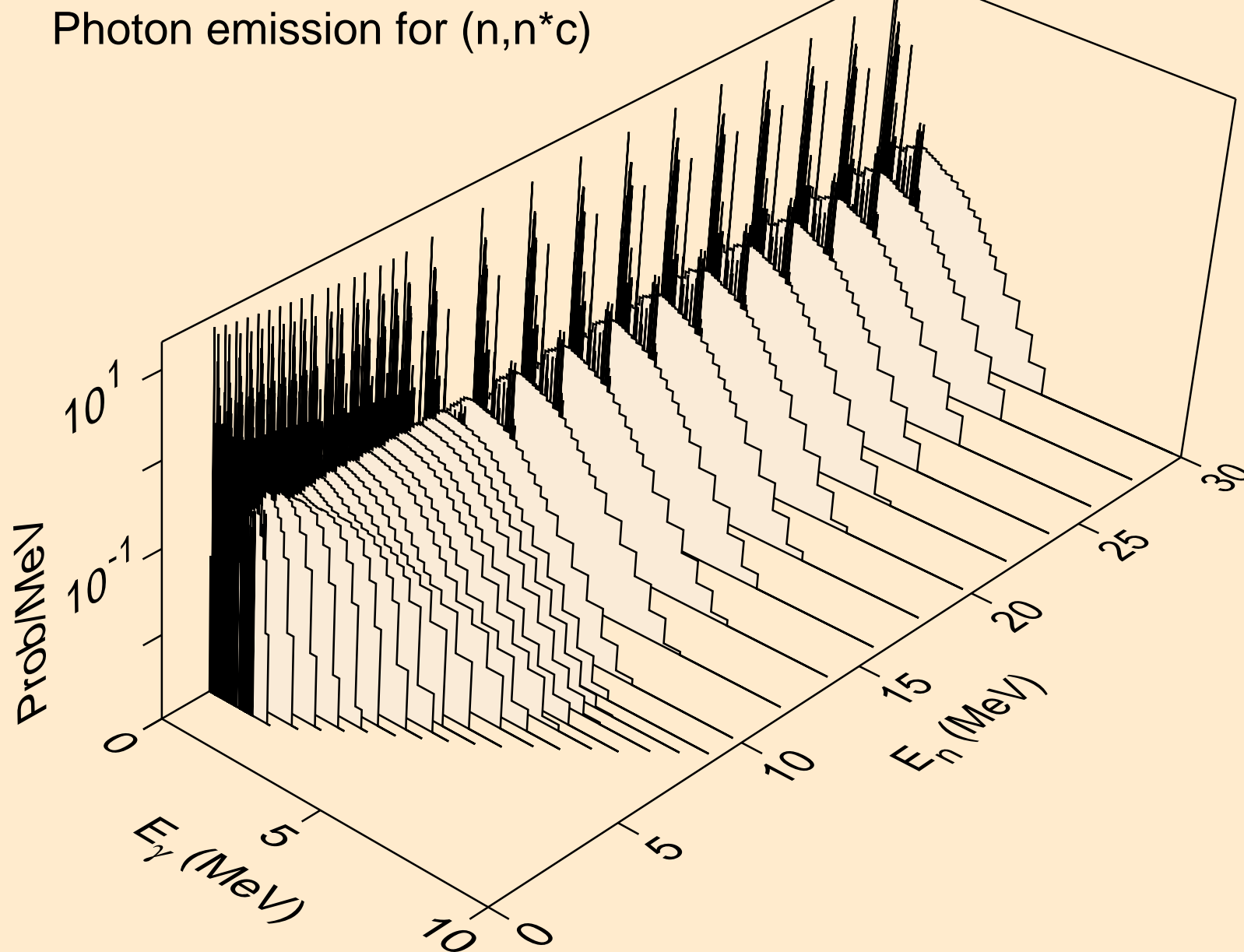




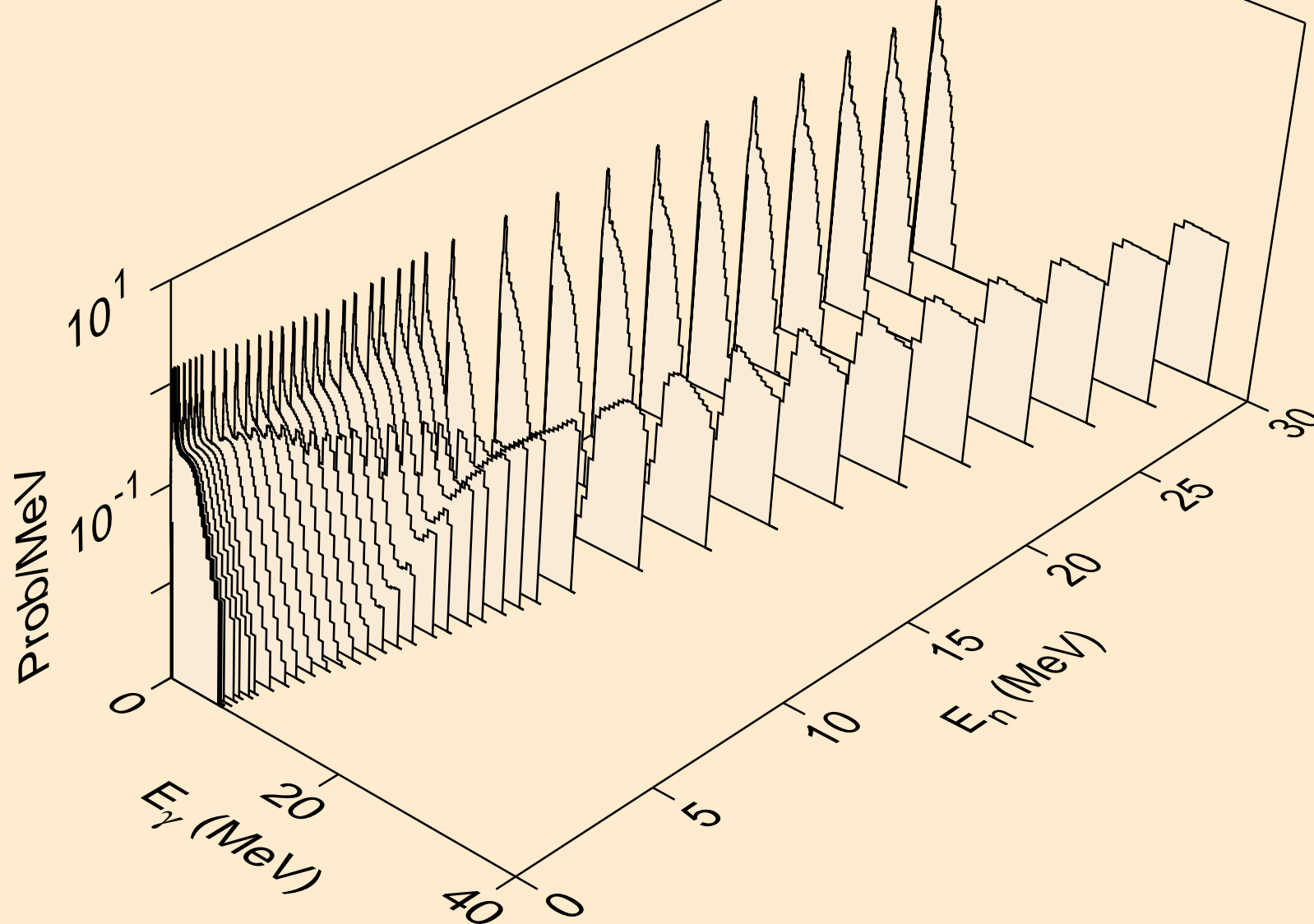
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Photon emission for (n,2np)



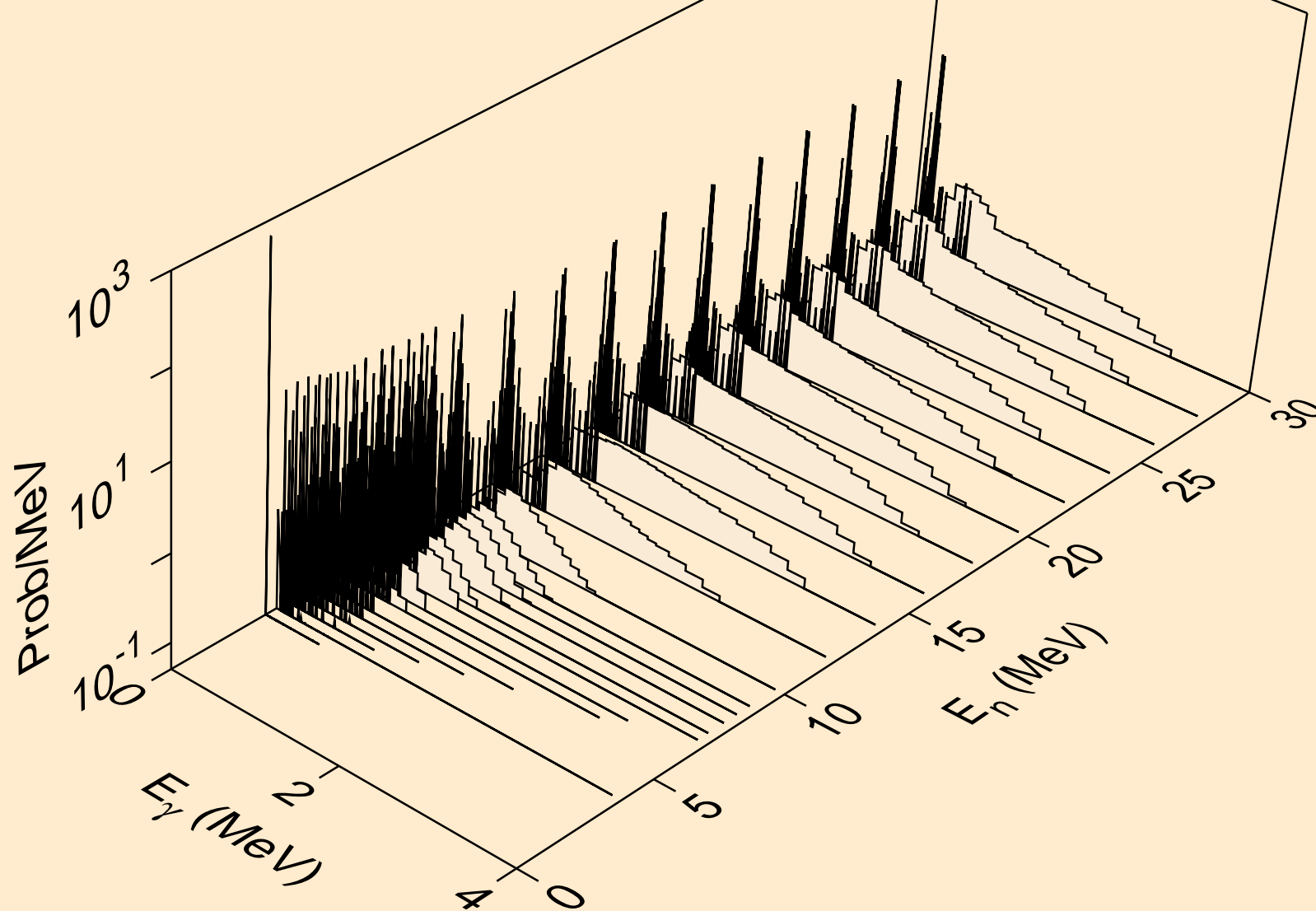
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



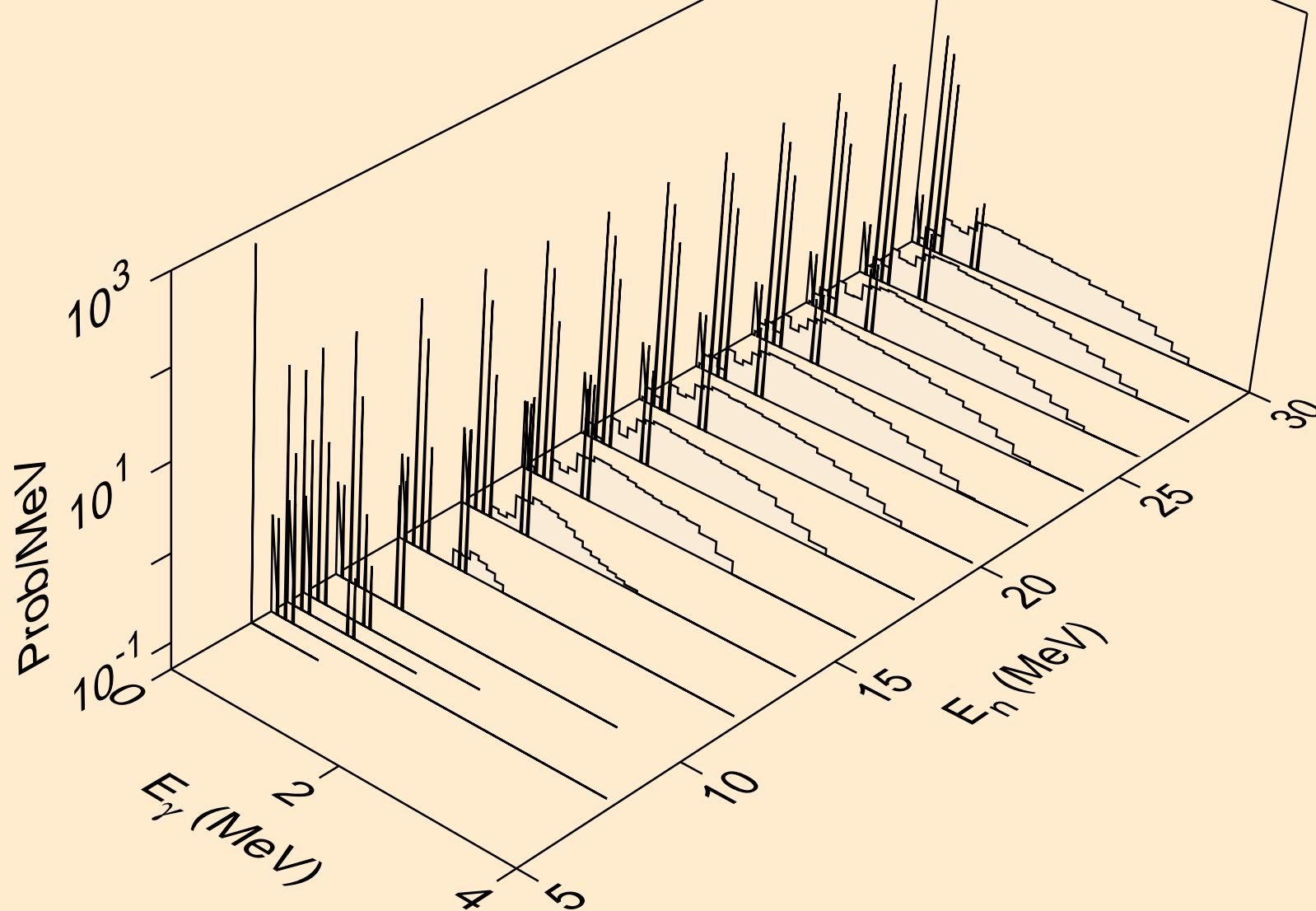
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



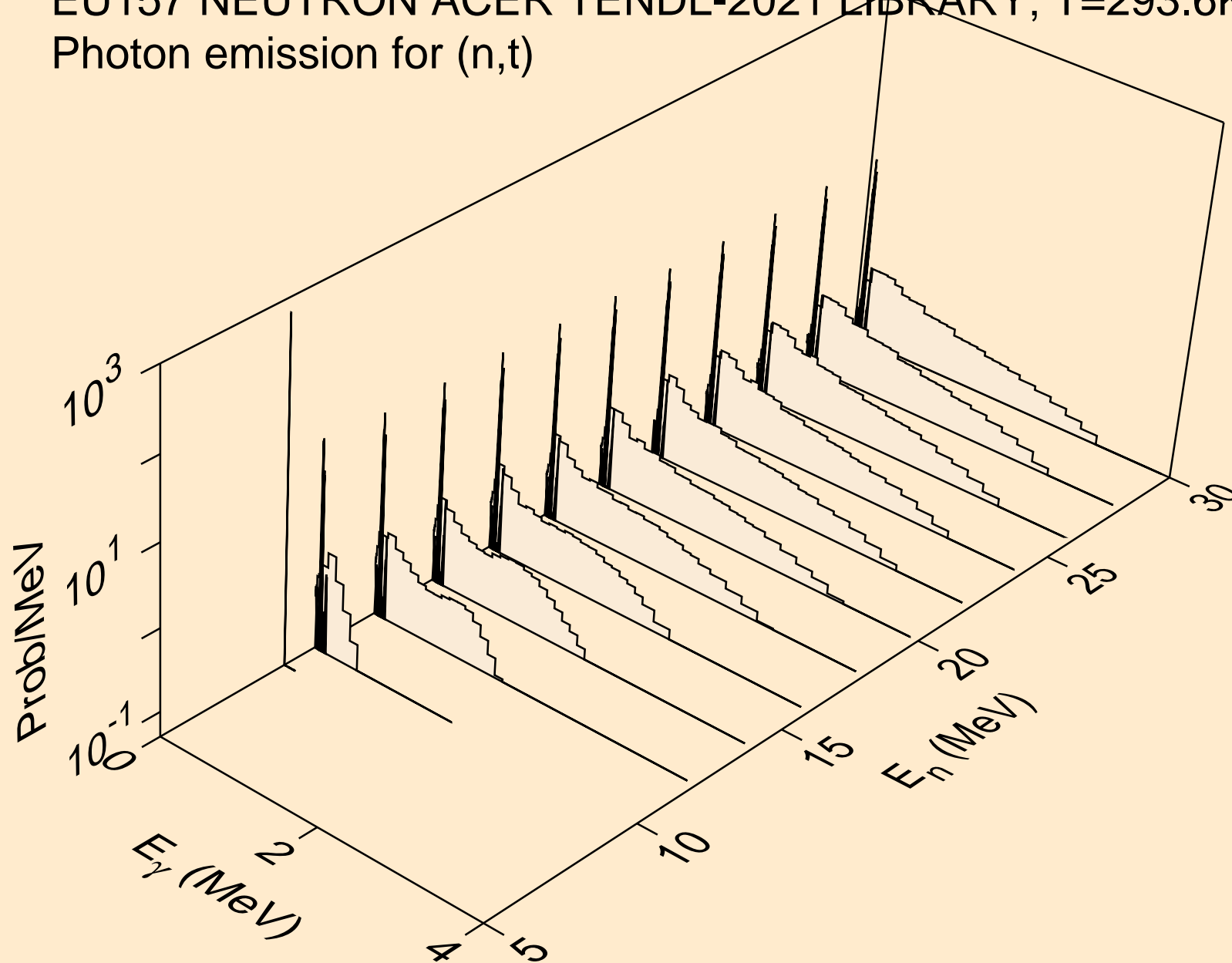
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



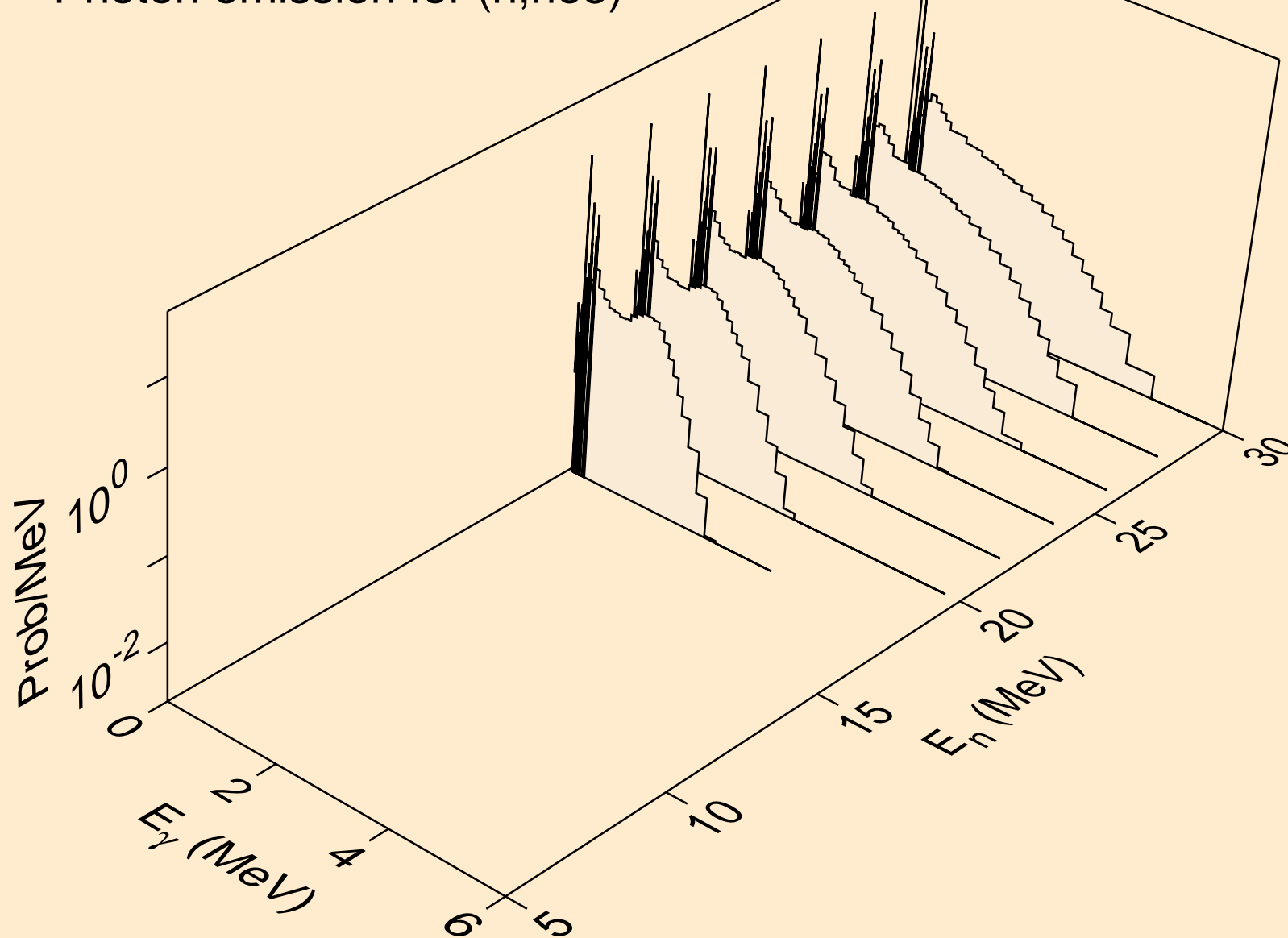
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



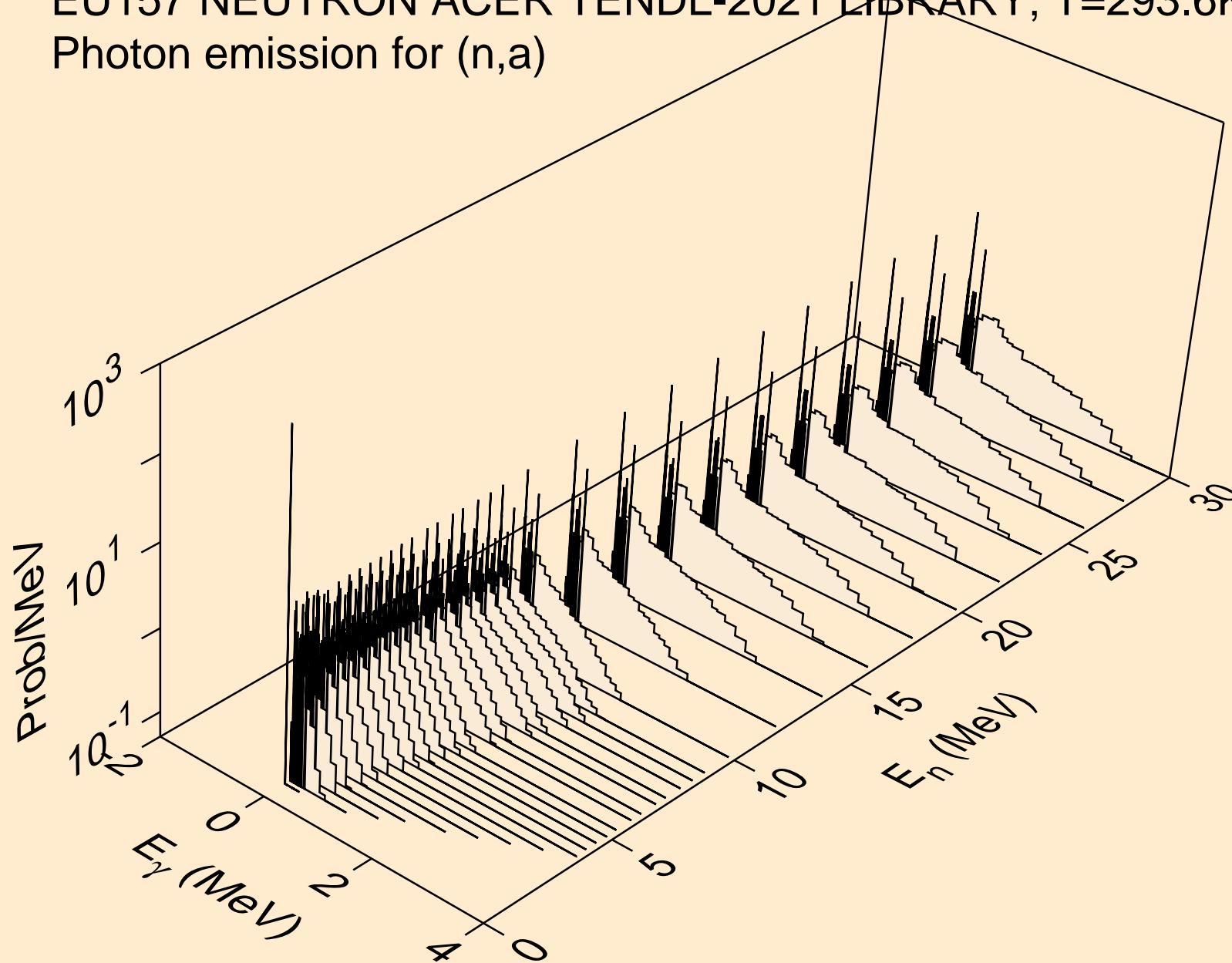
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)

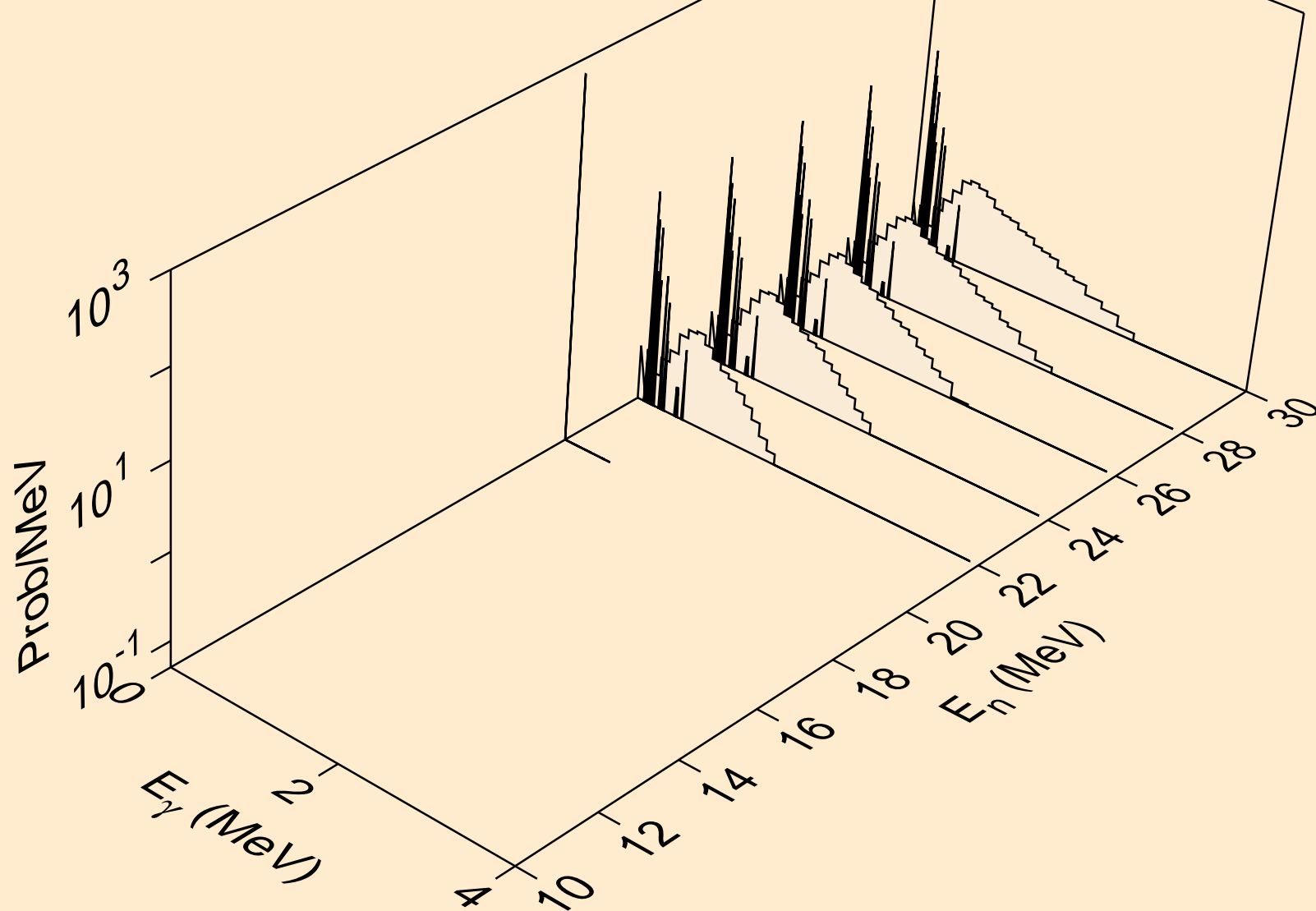


EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)

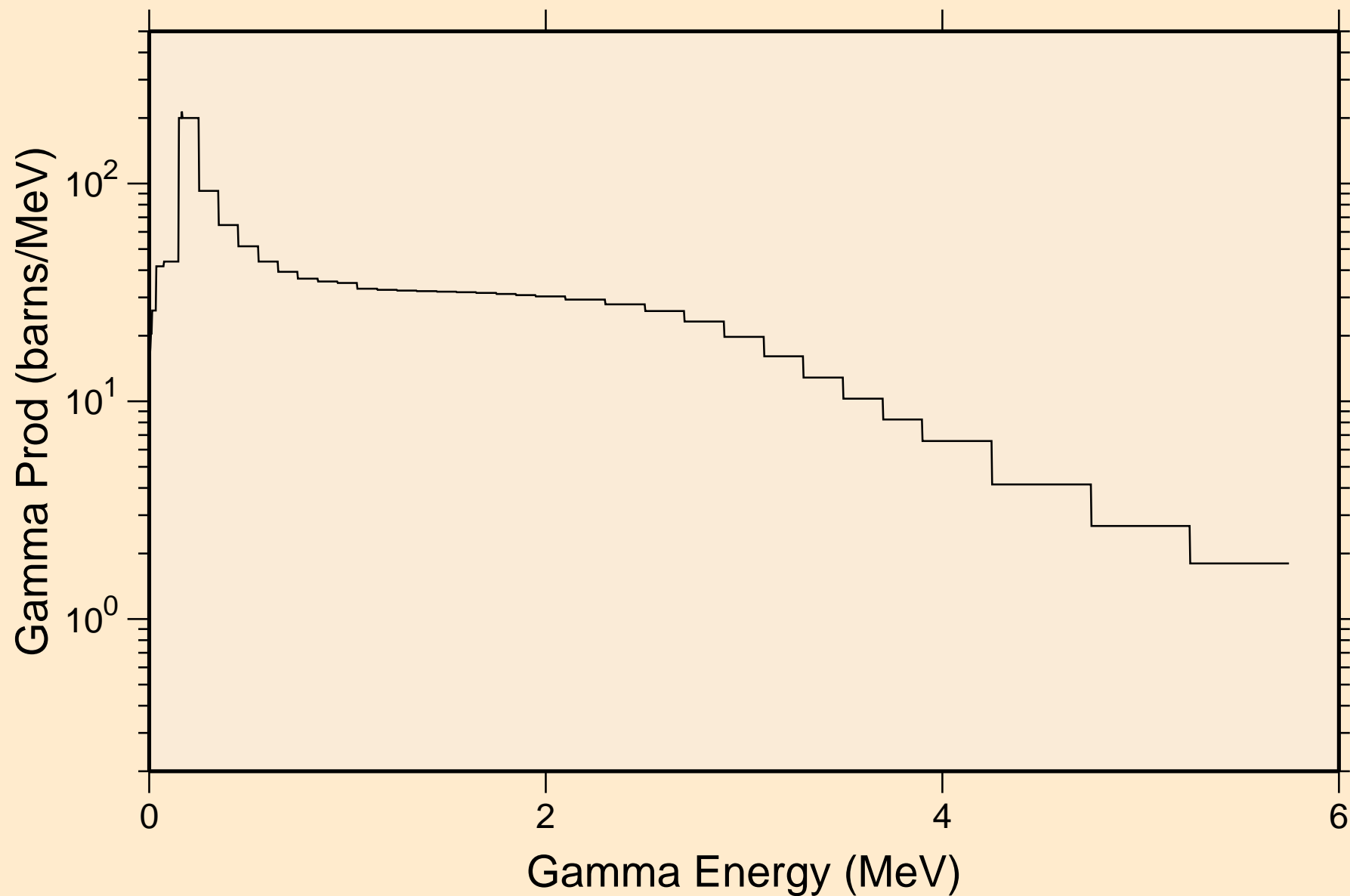




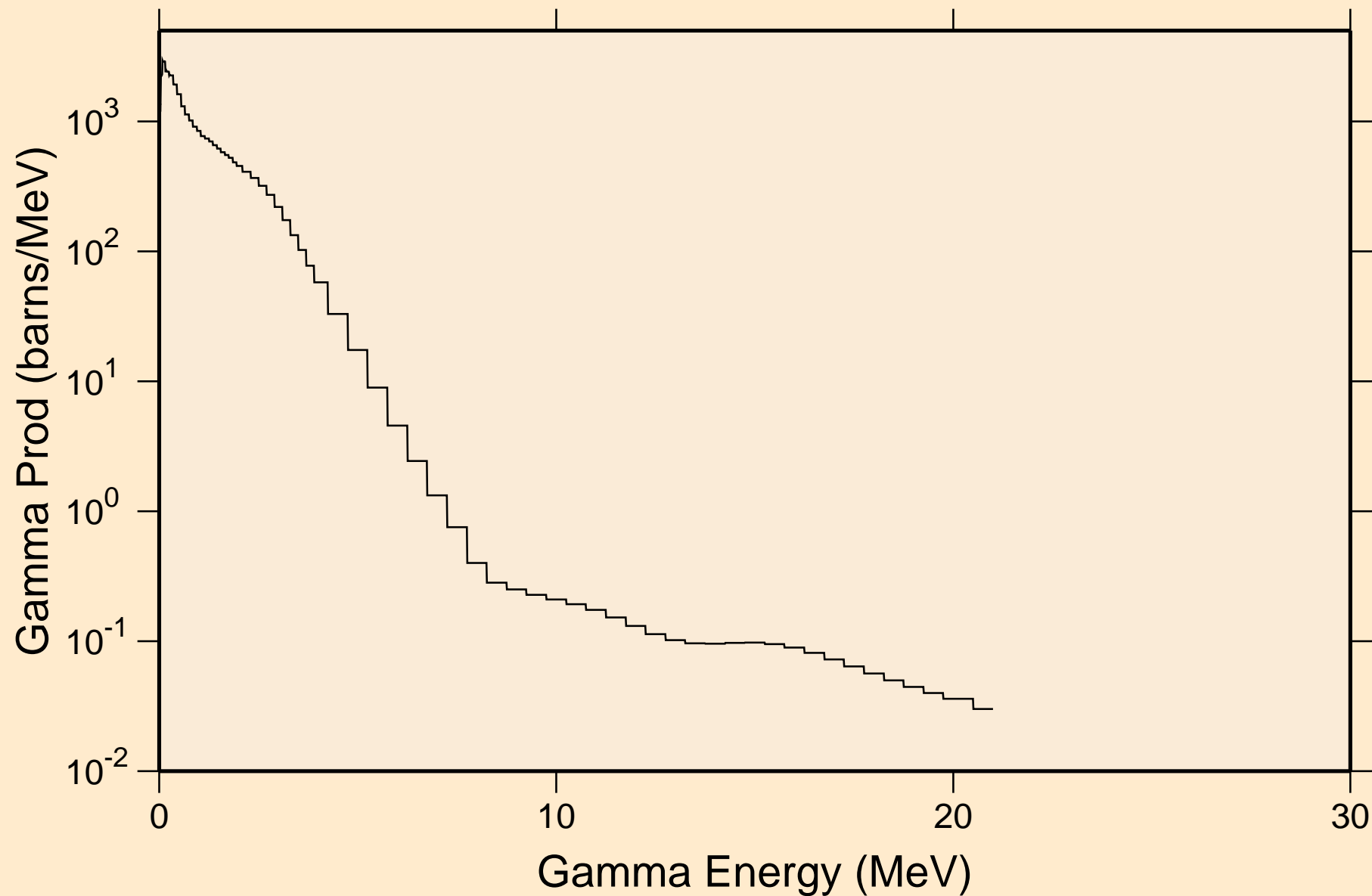
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



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thermal capture photon spectrum

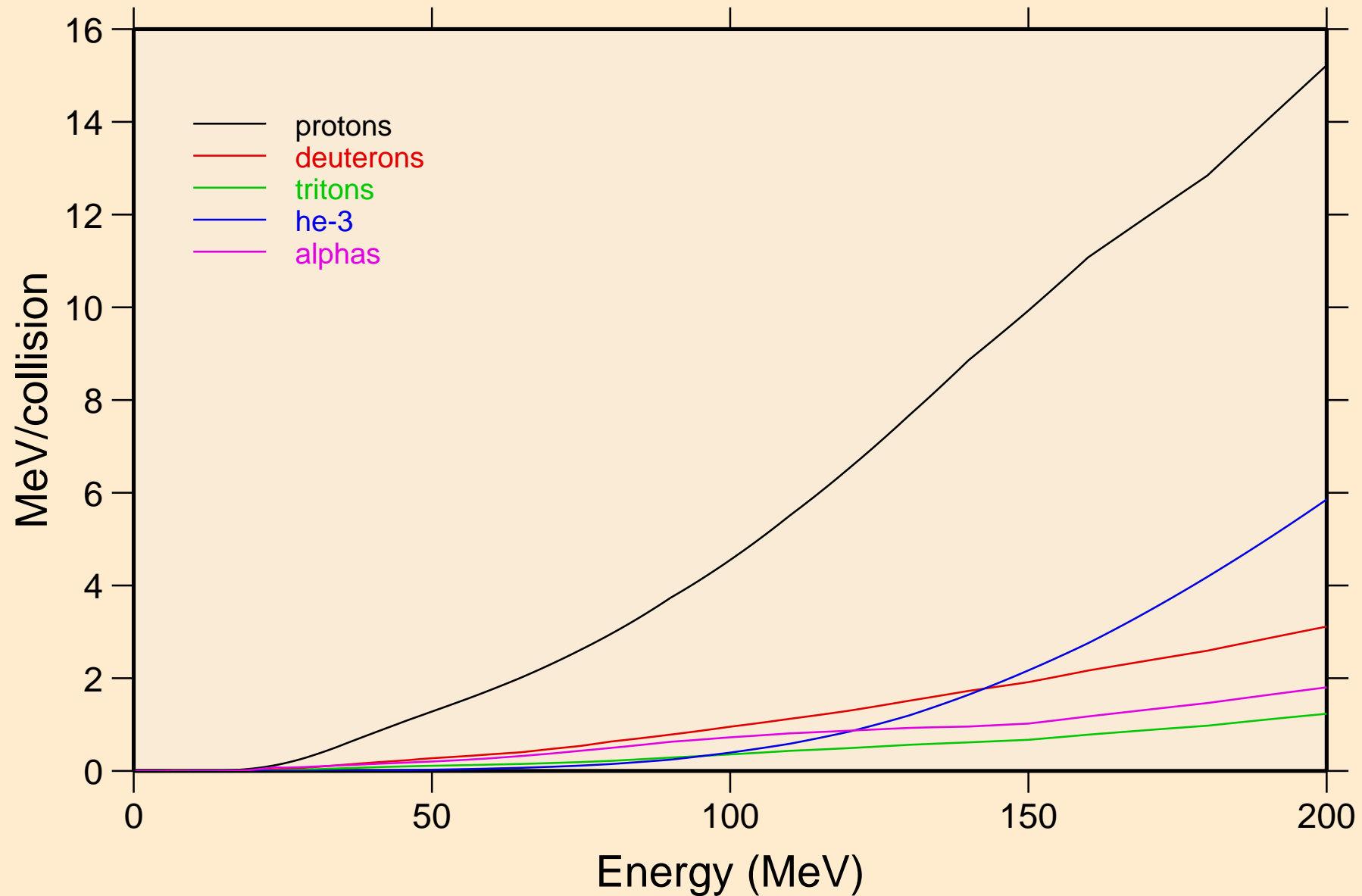


EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

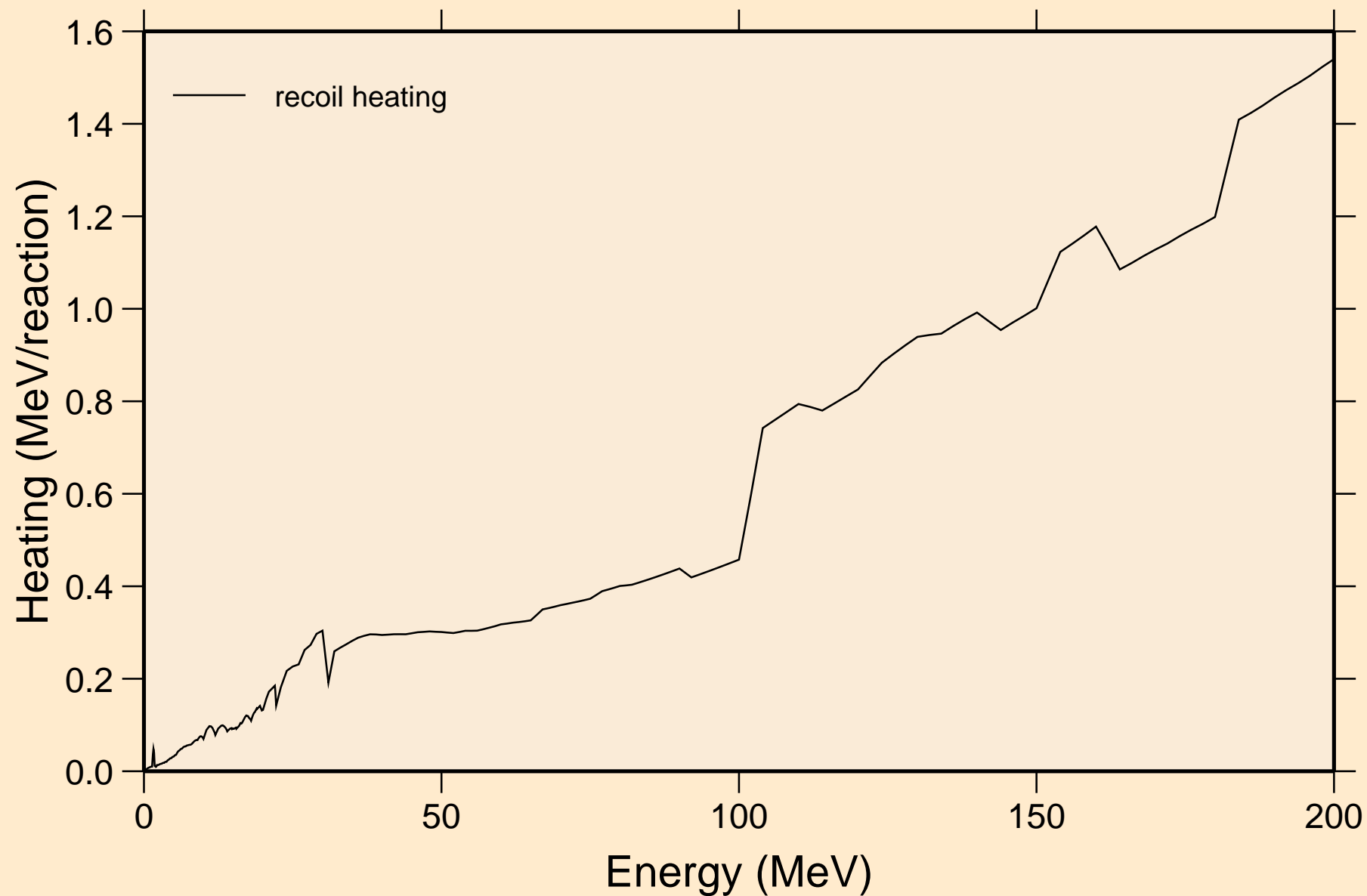


# EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions

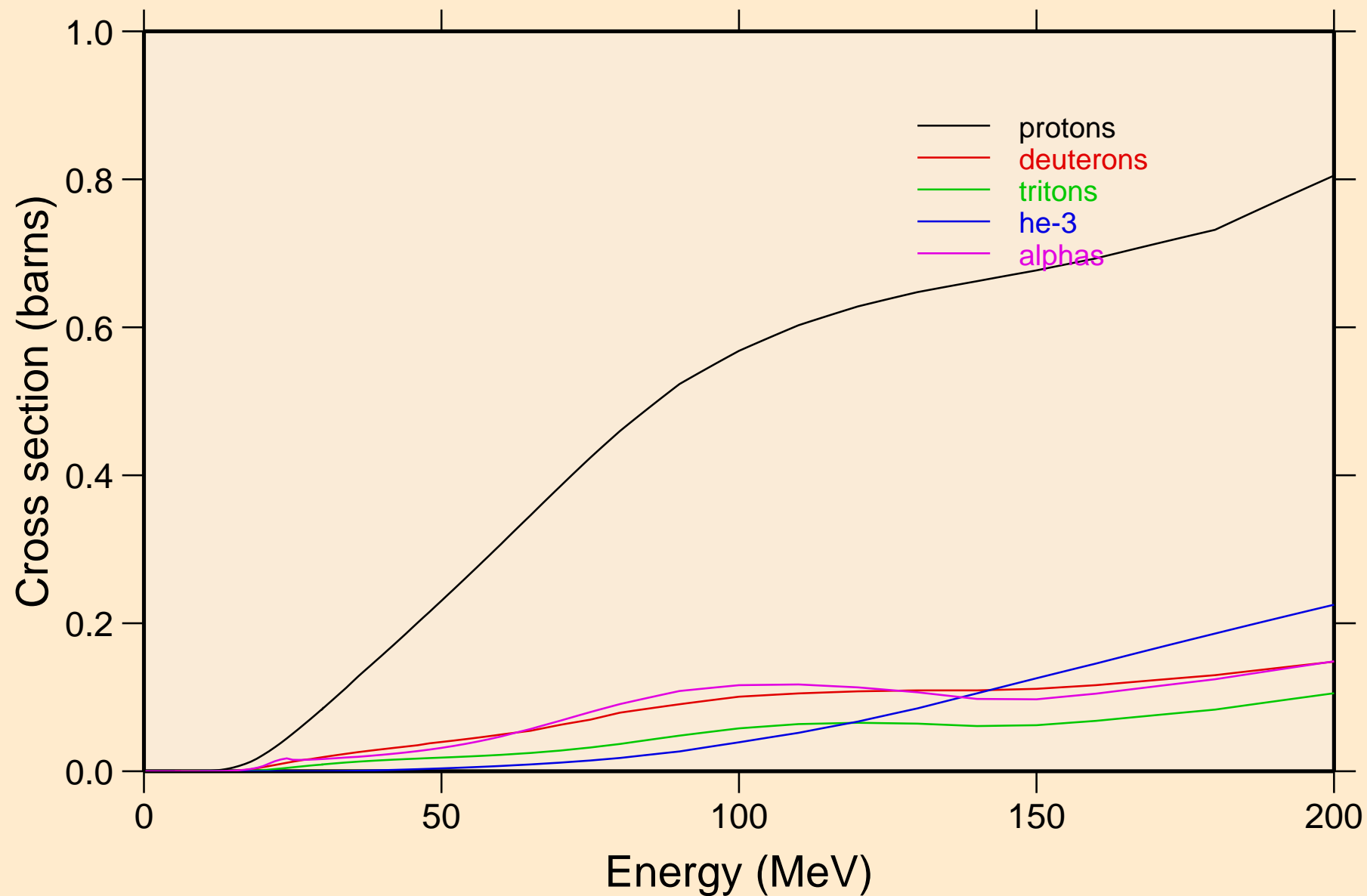


EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating

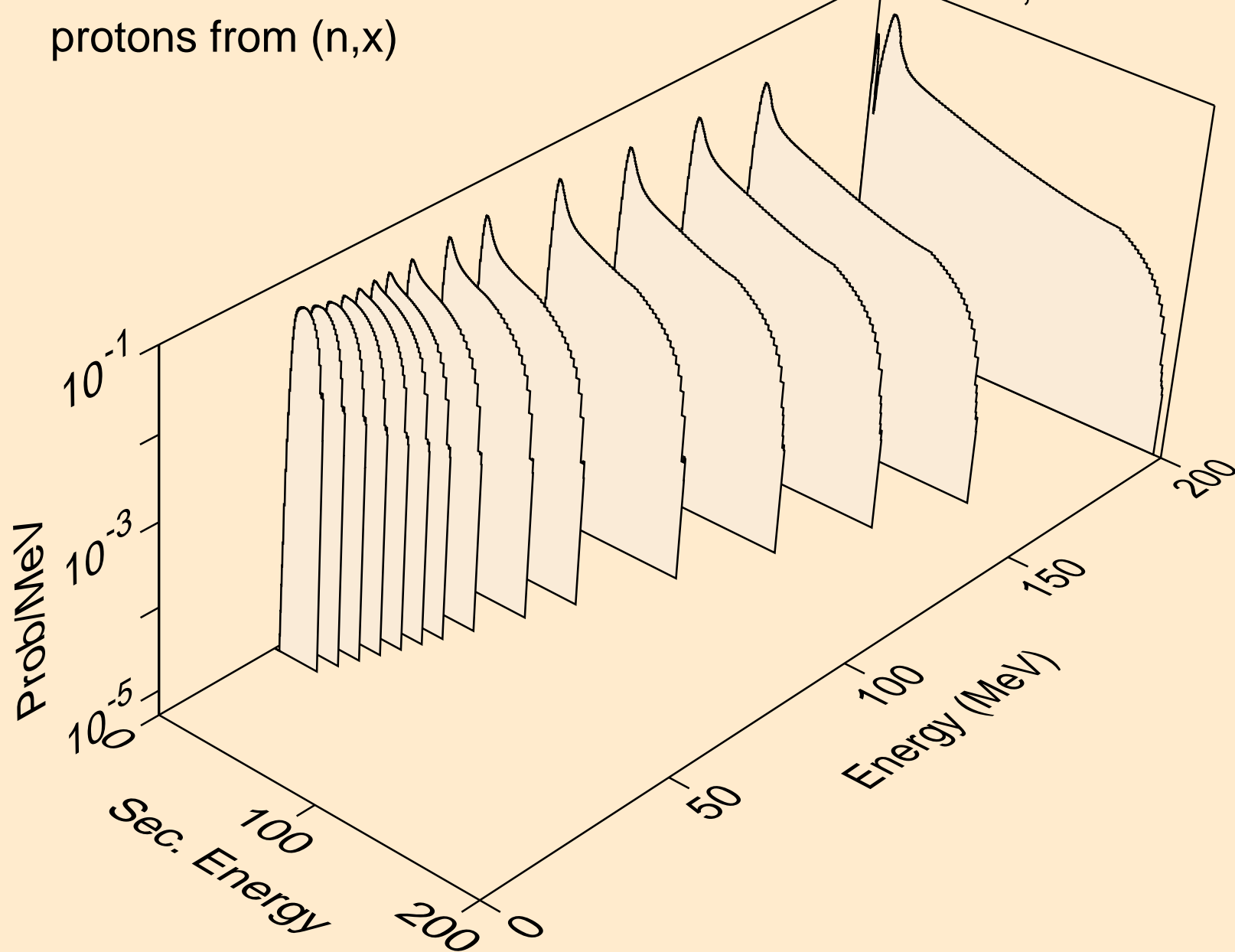


# EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

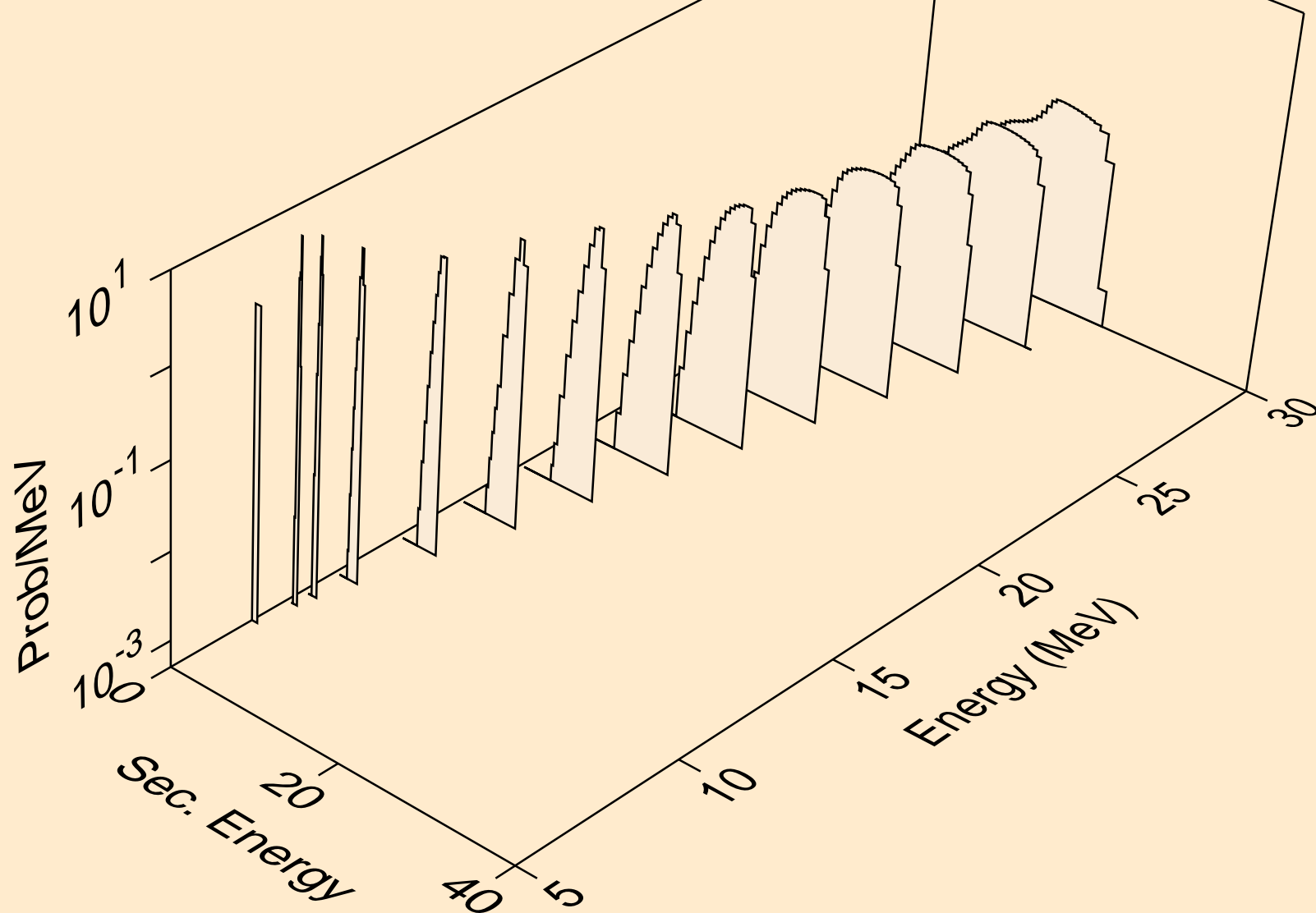
## Particle production cross sections



EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

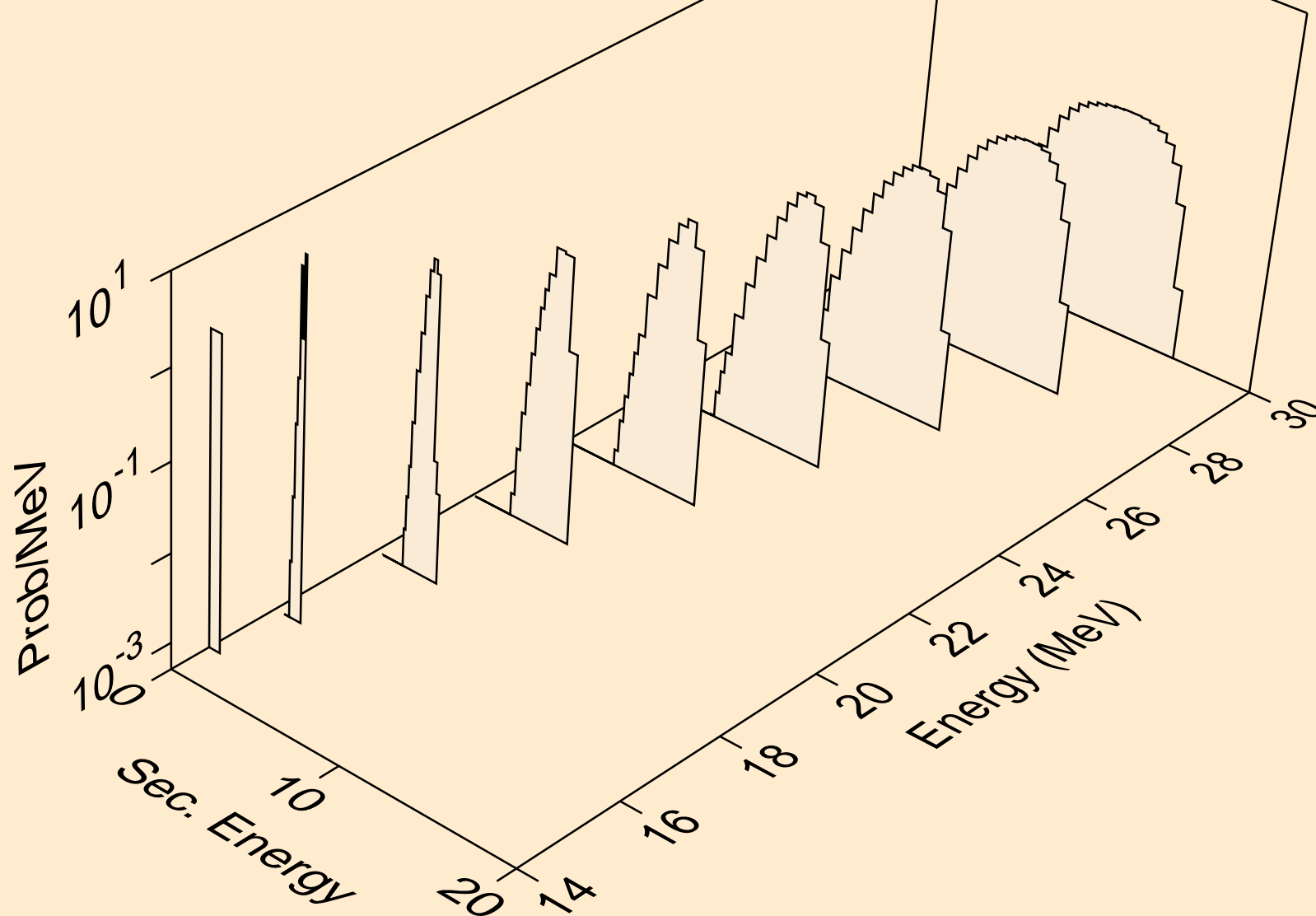


EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p

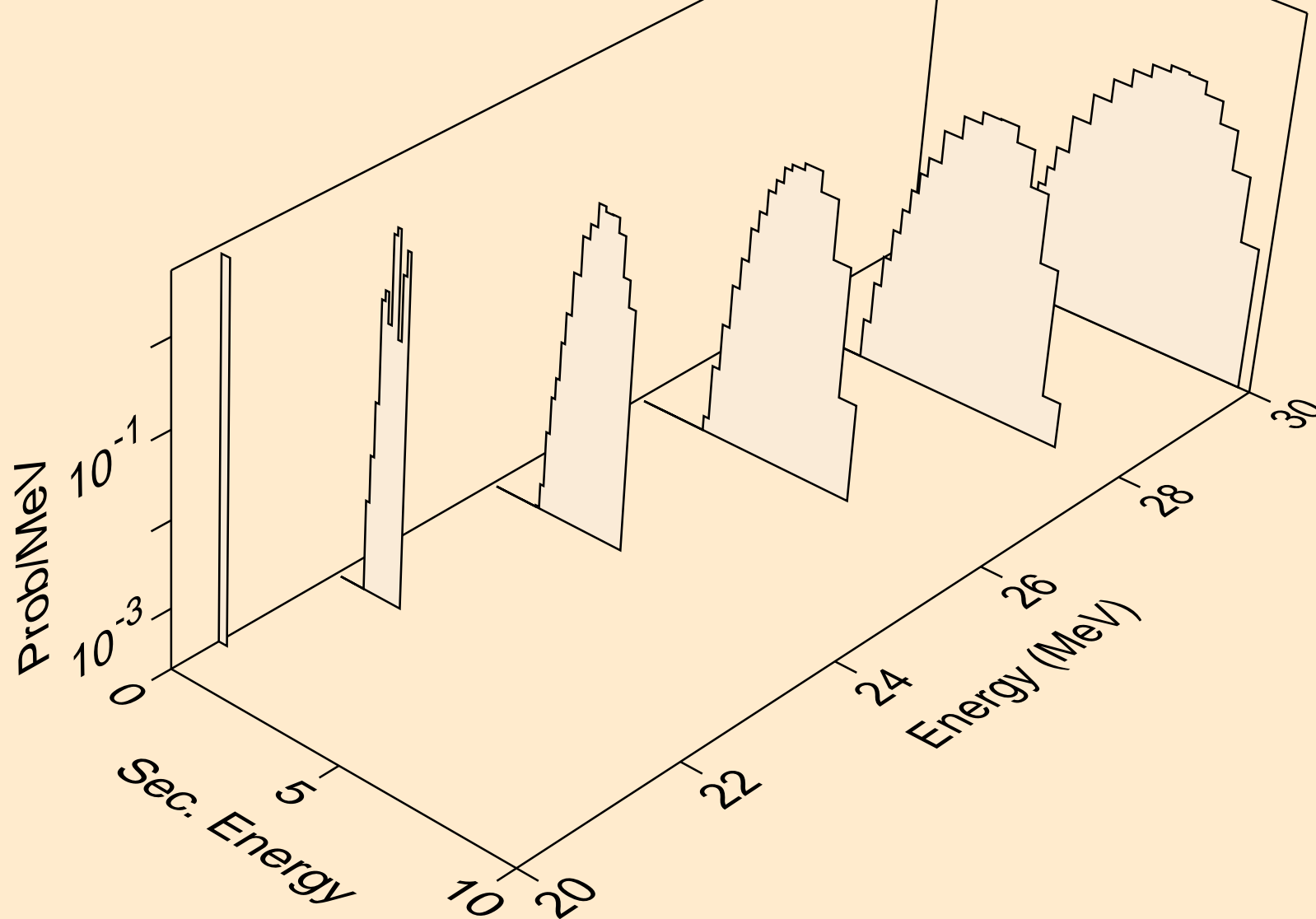




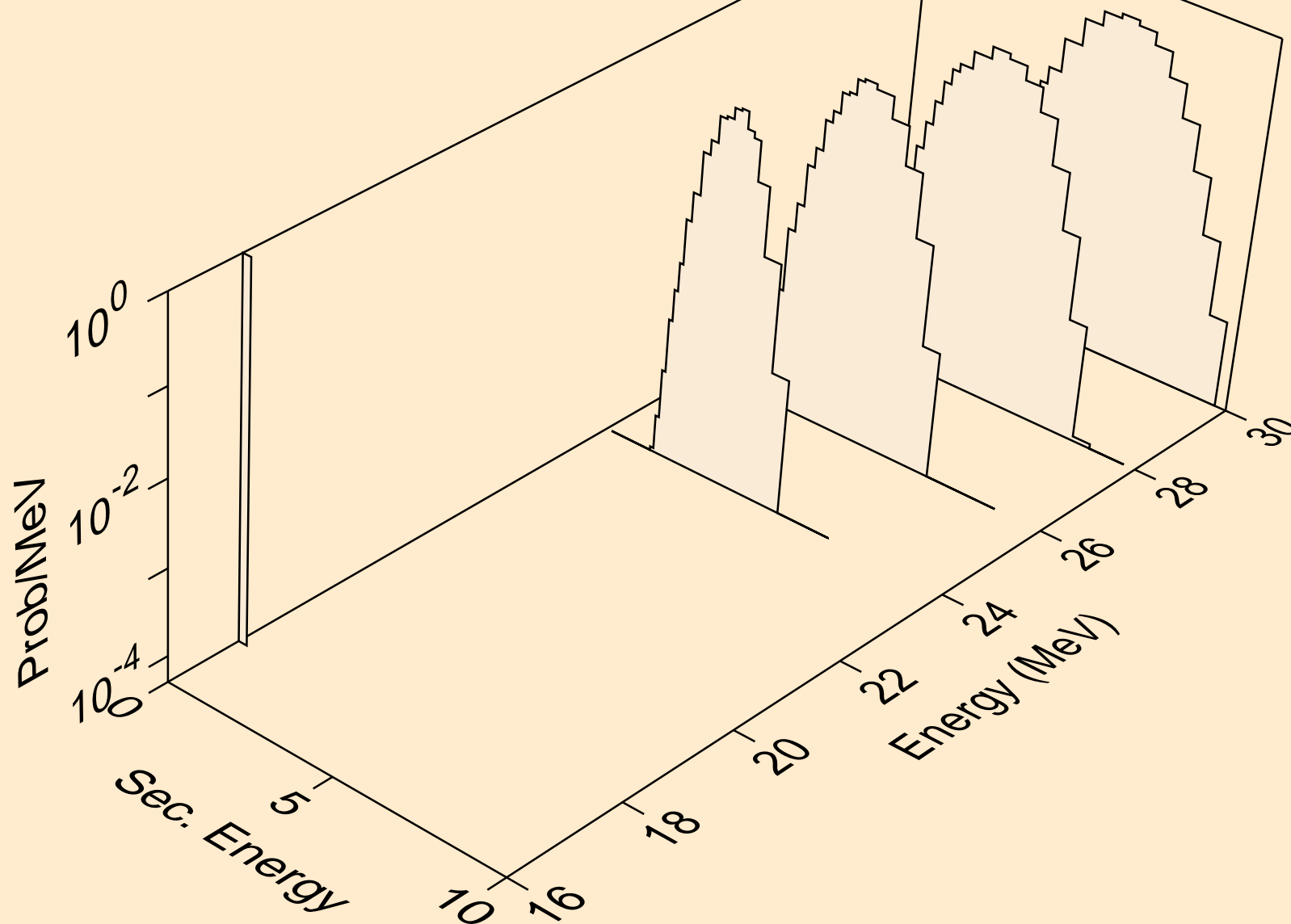
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



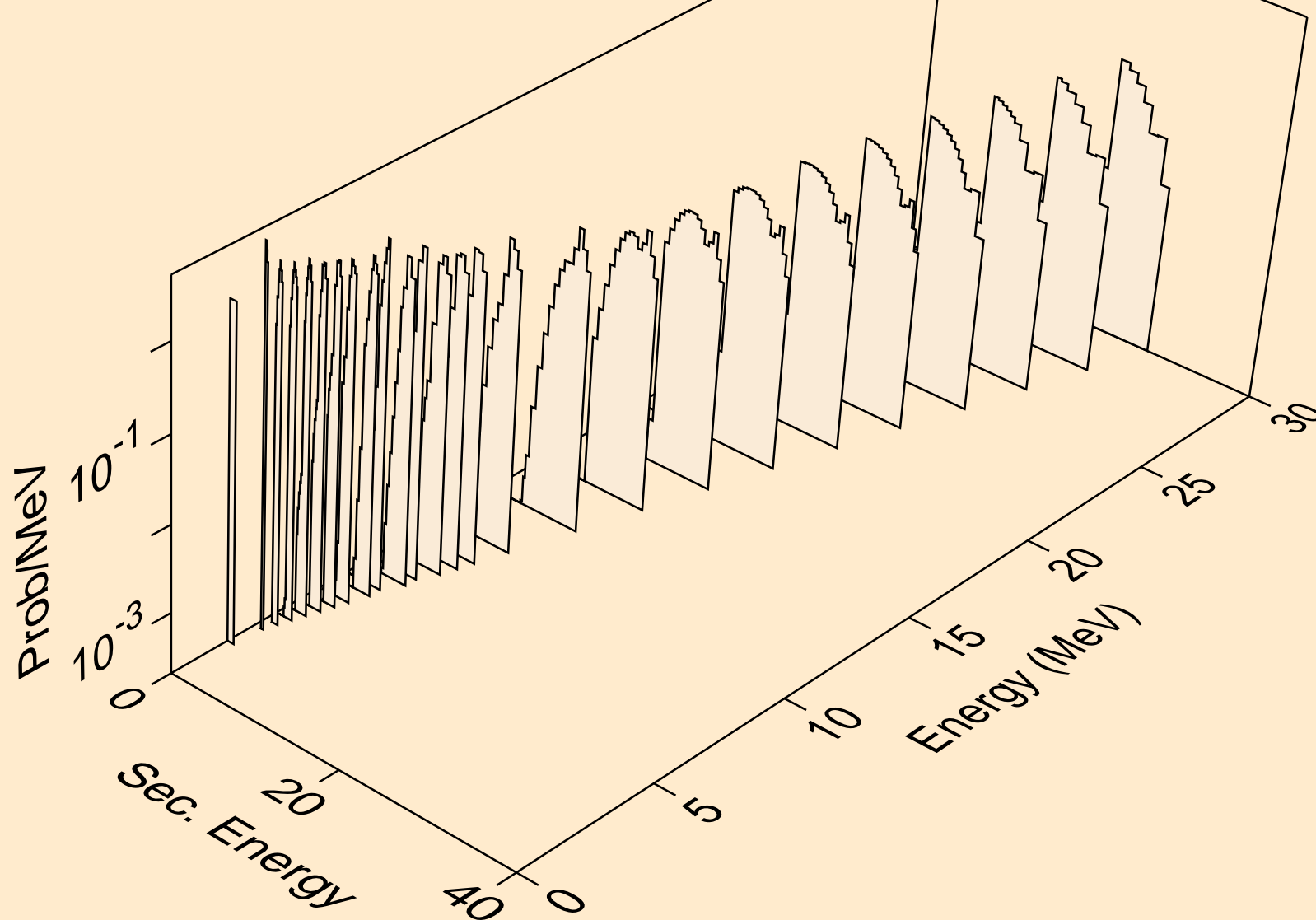
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



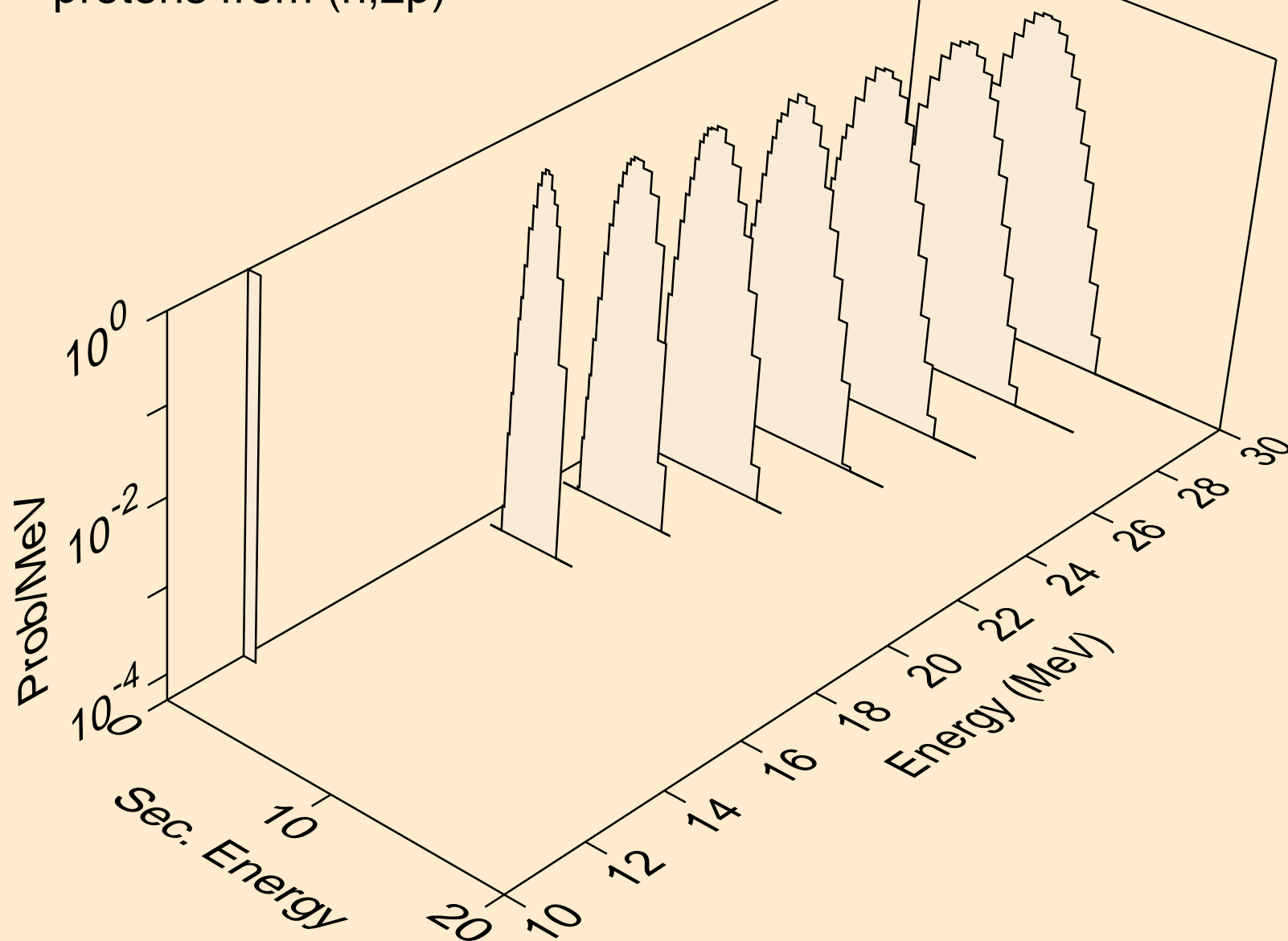
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



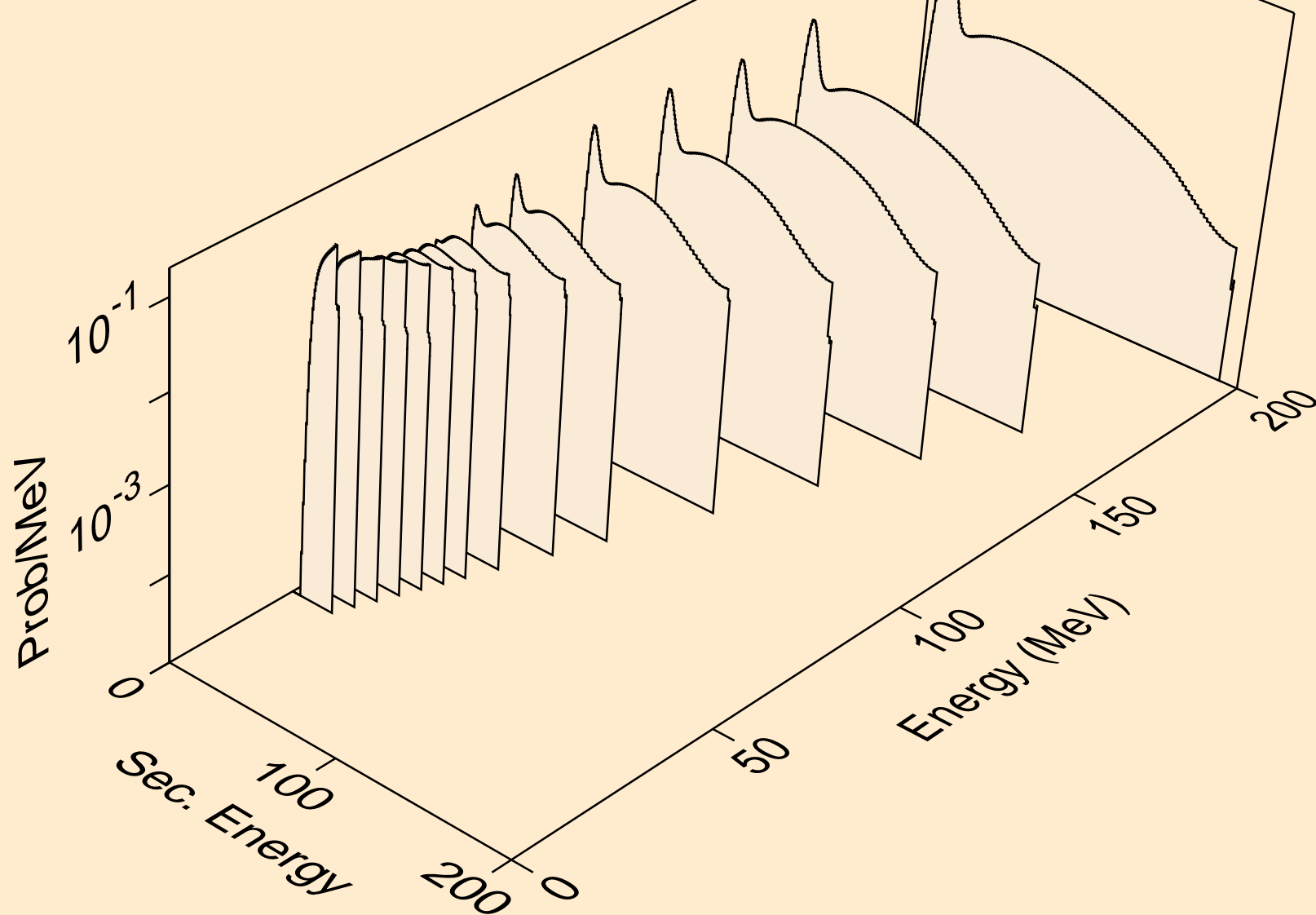
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



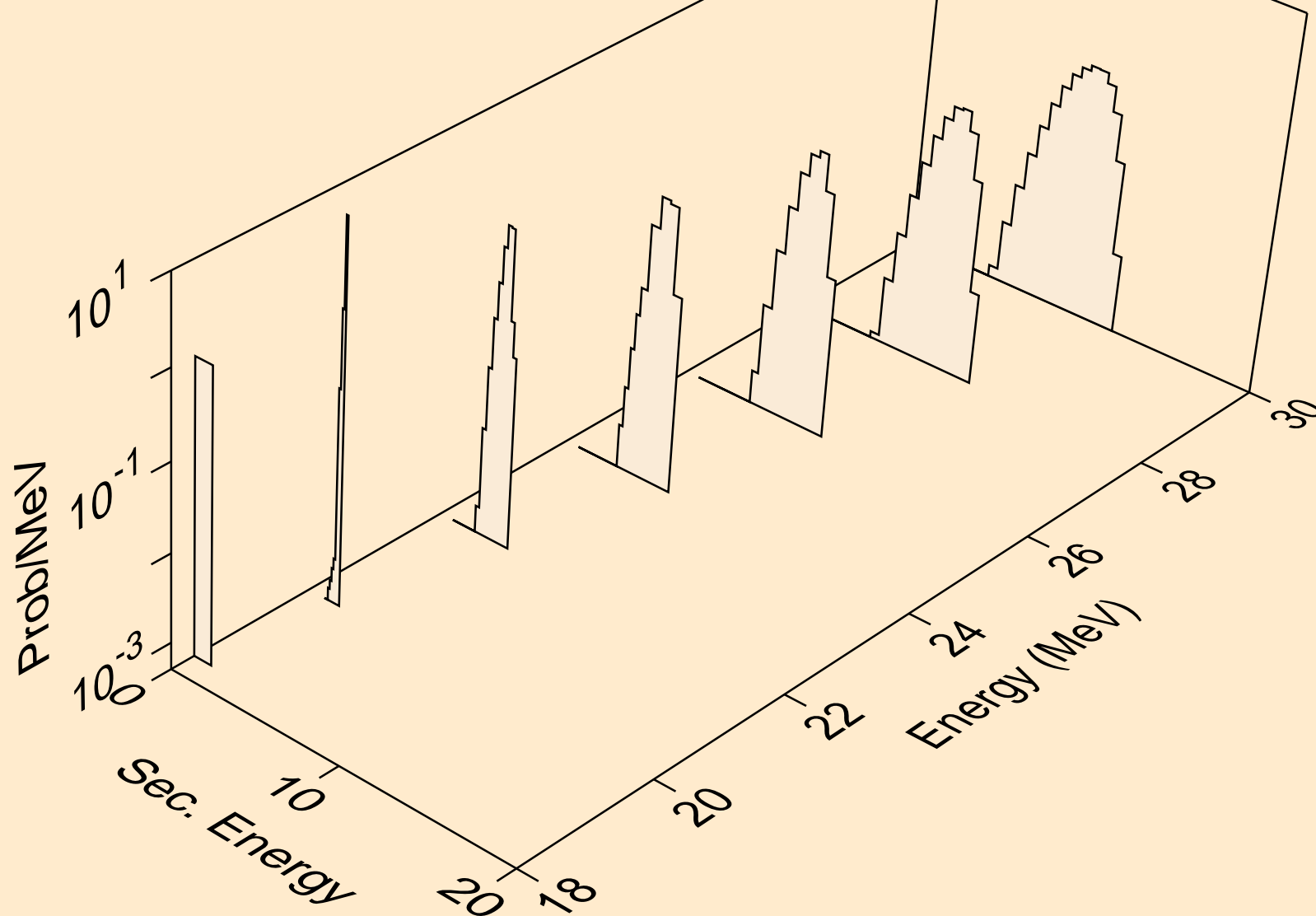
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protons from (n,2p)



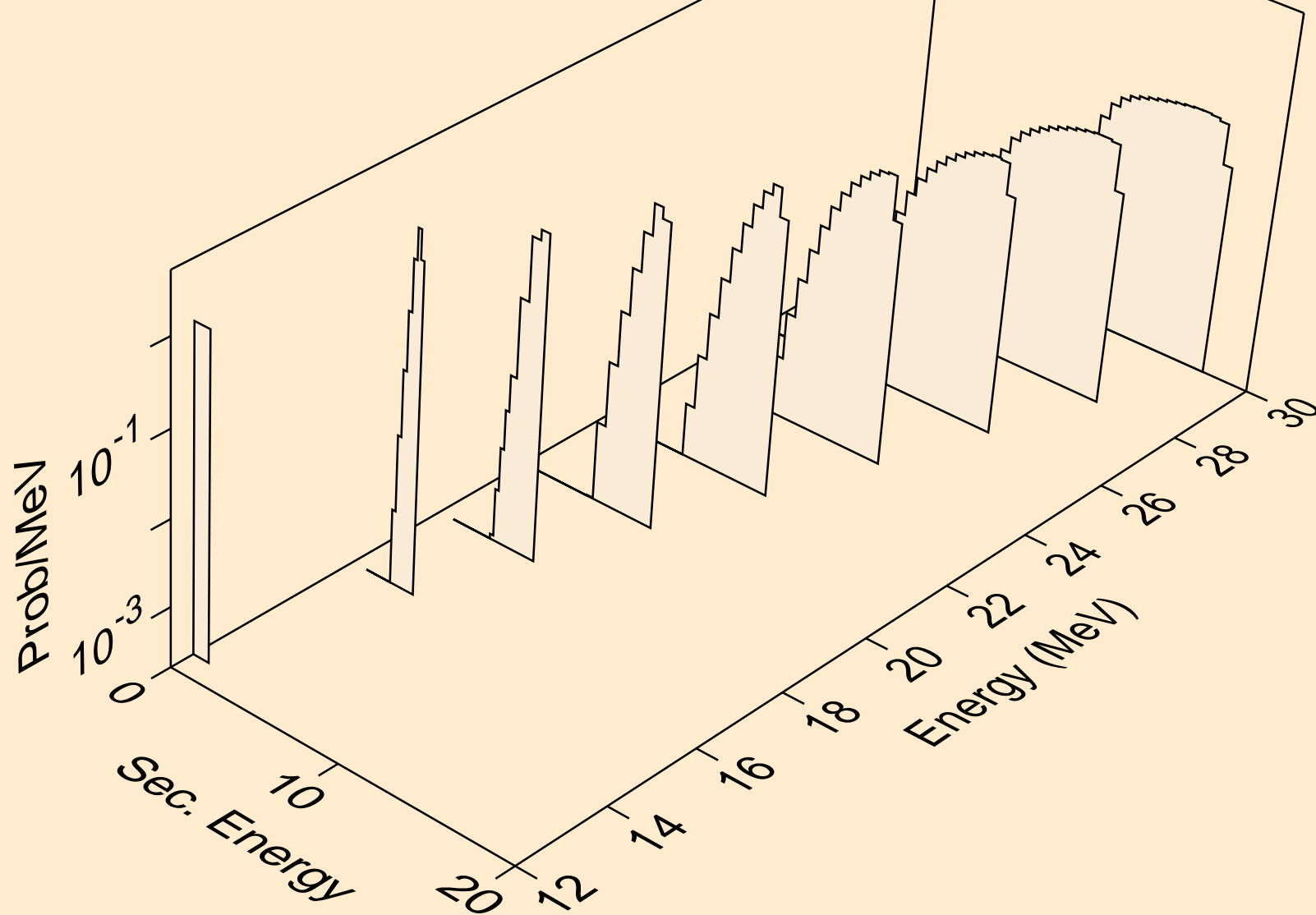
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)

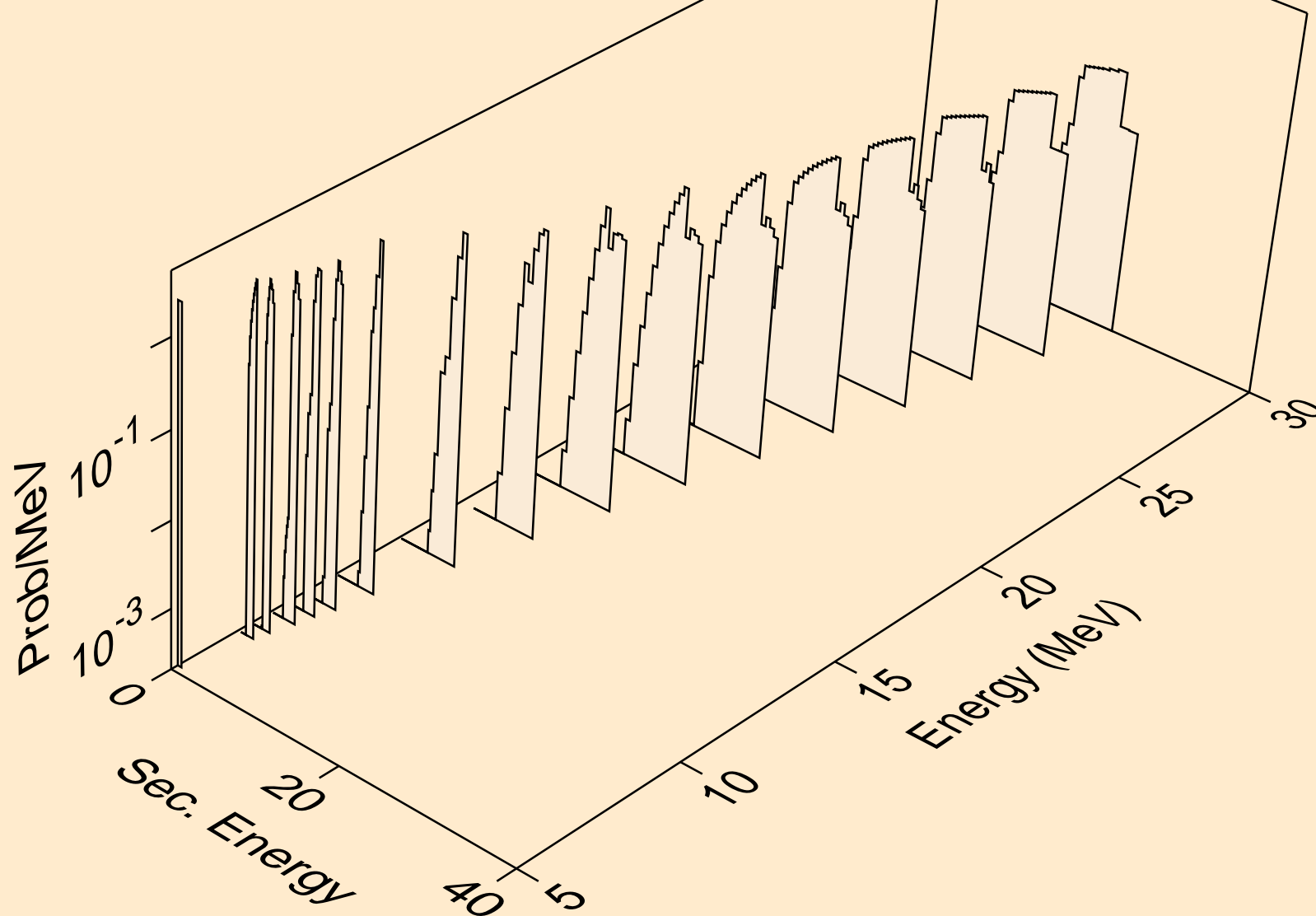


EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d

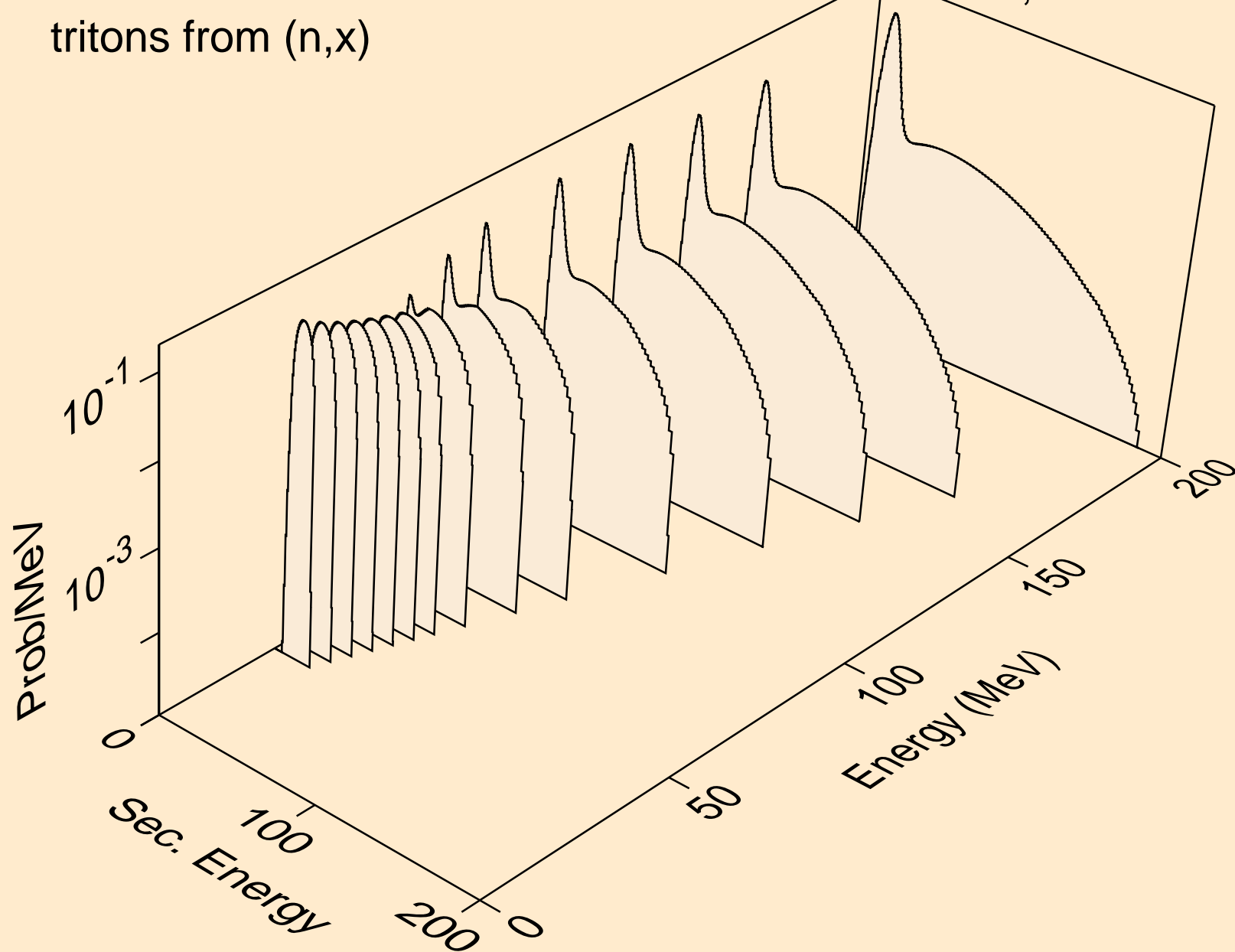




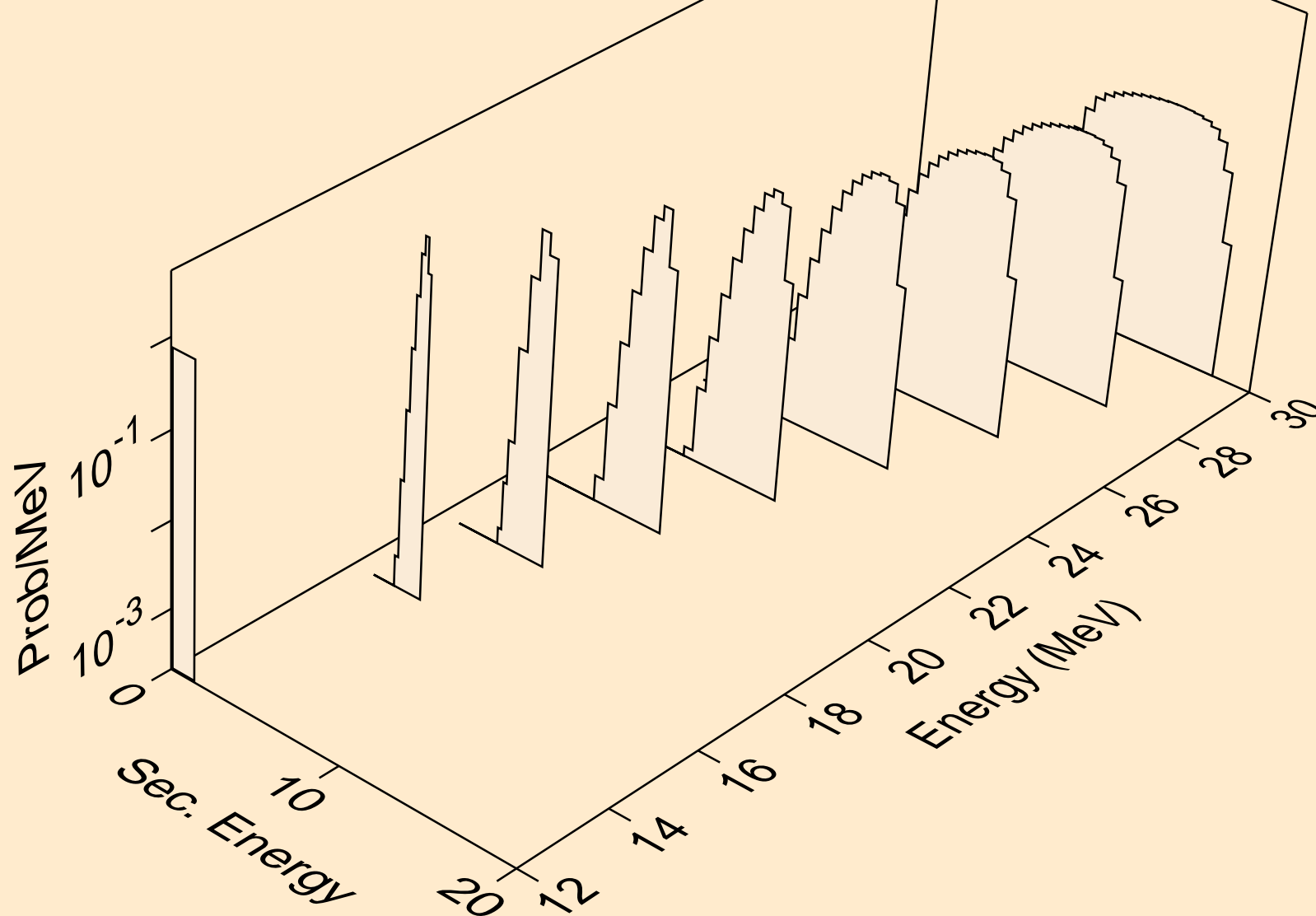
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deuterons from (n,d)



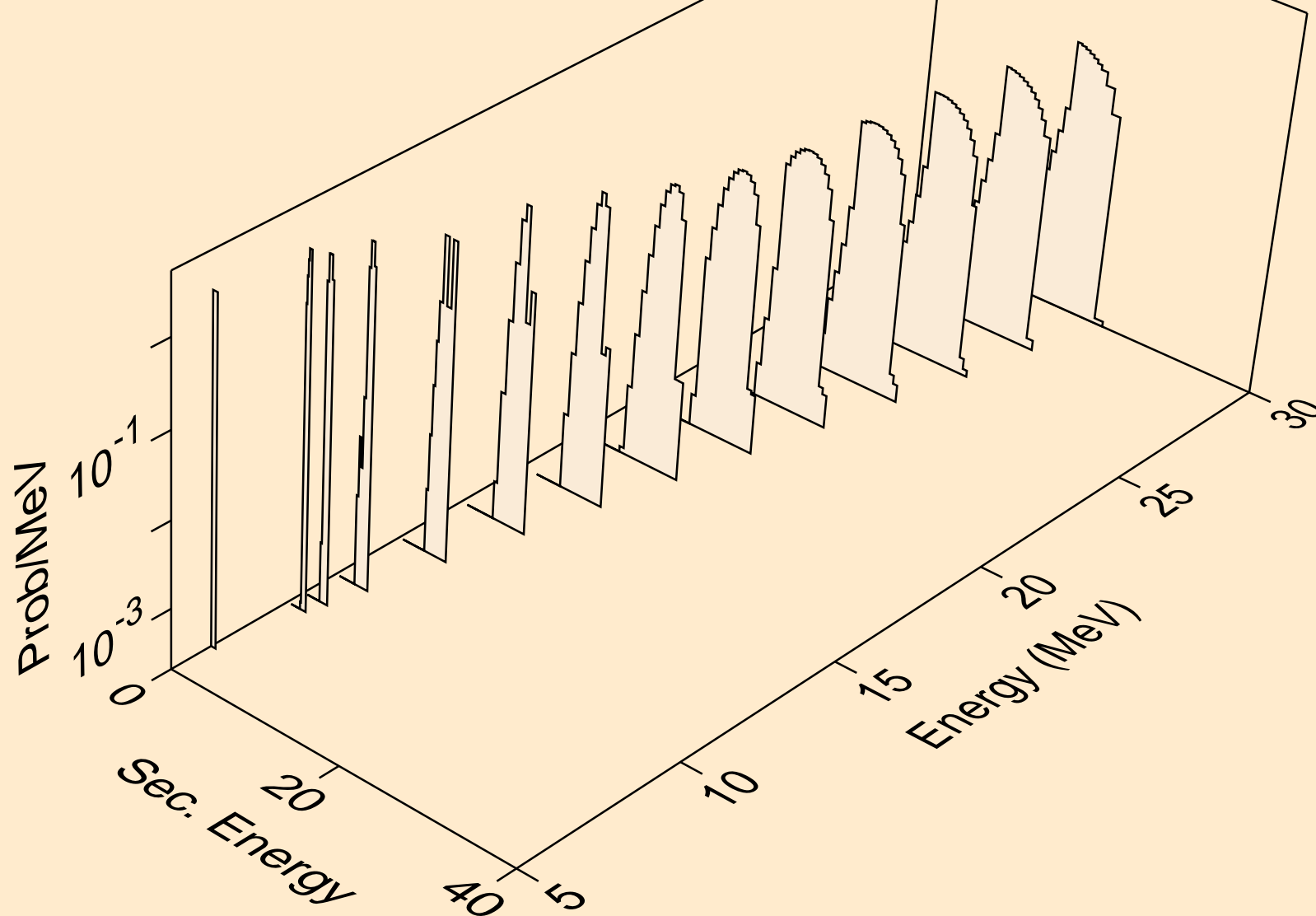
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tritons from (n,x)



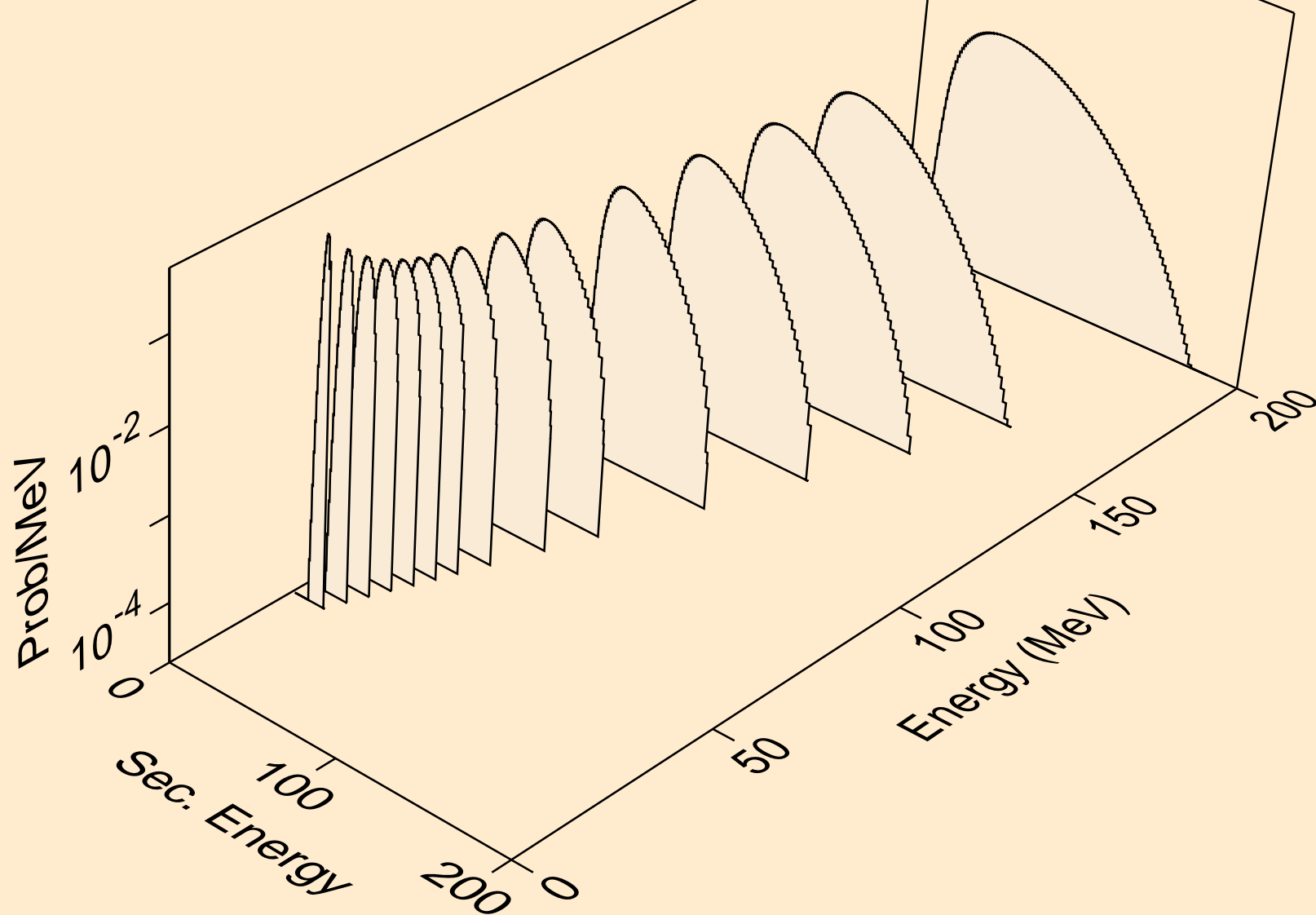
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



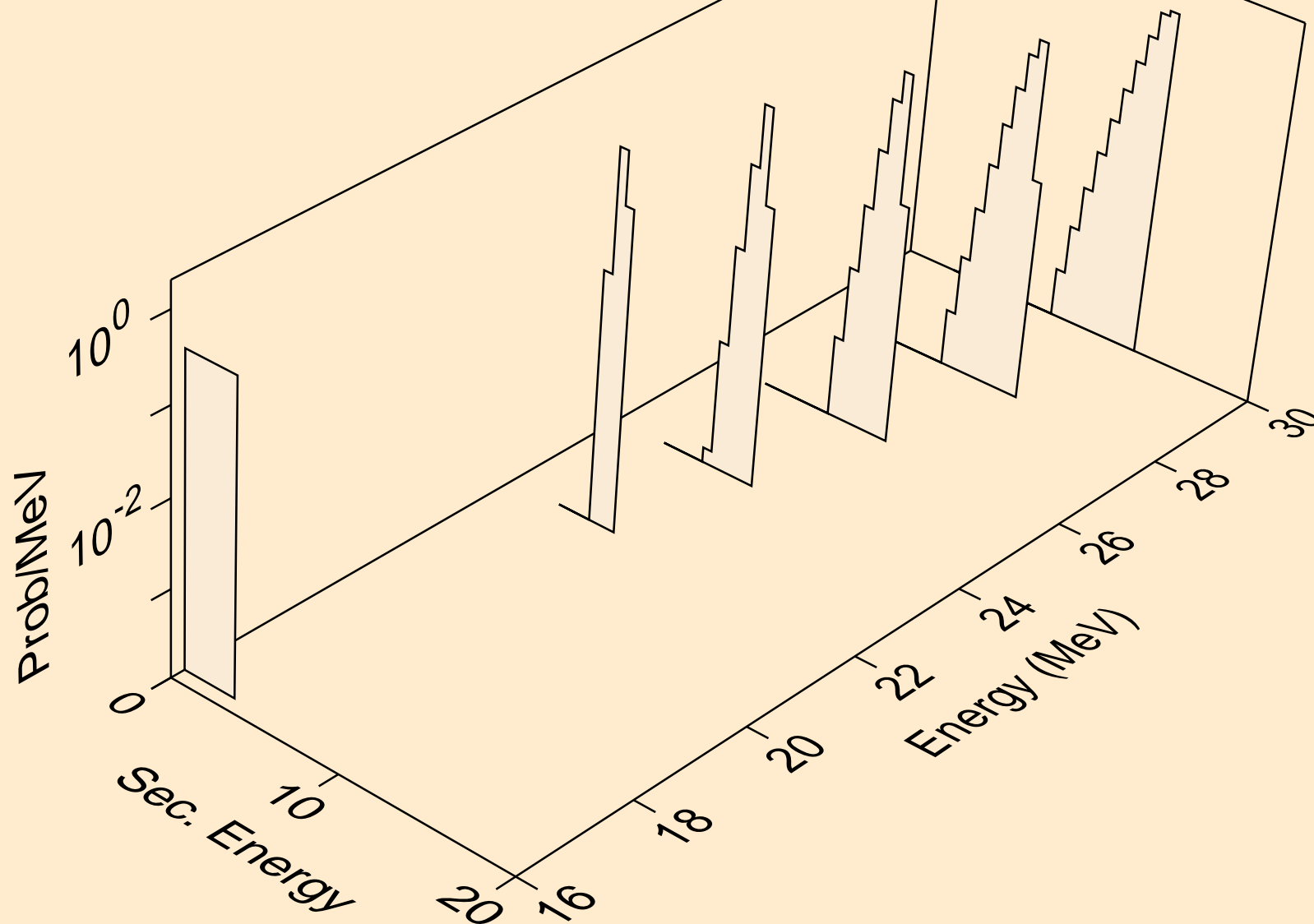
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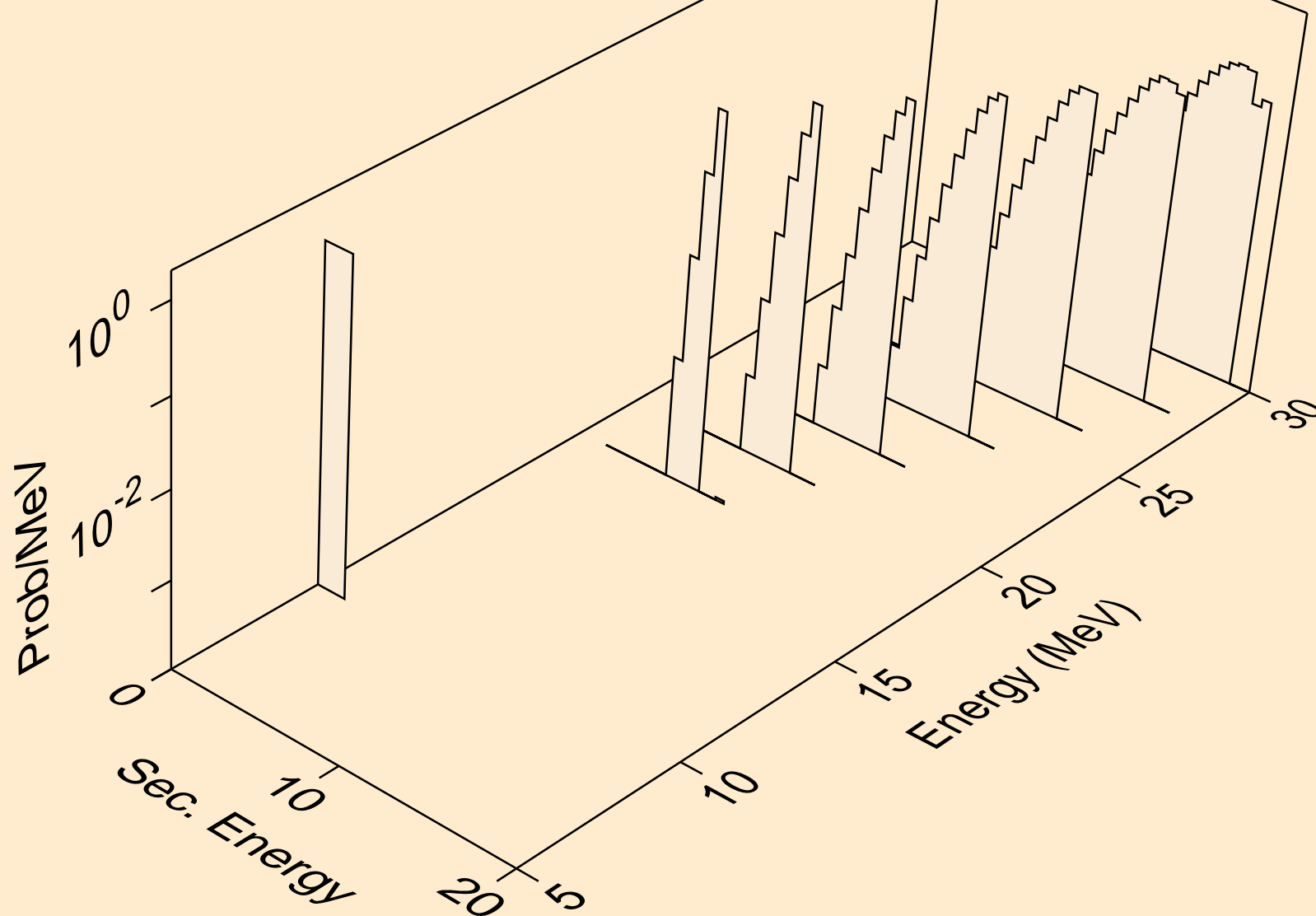
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



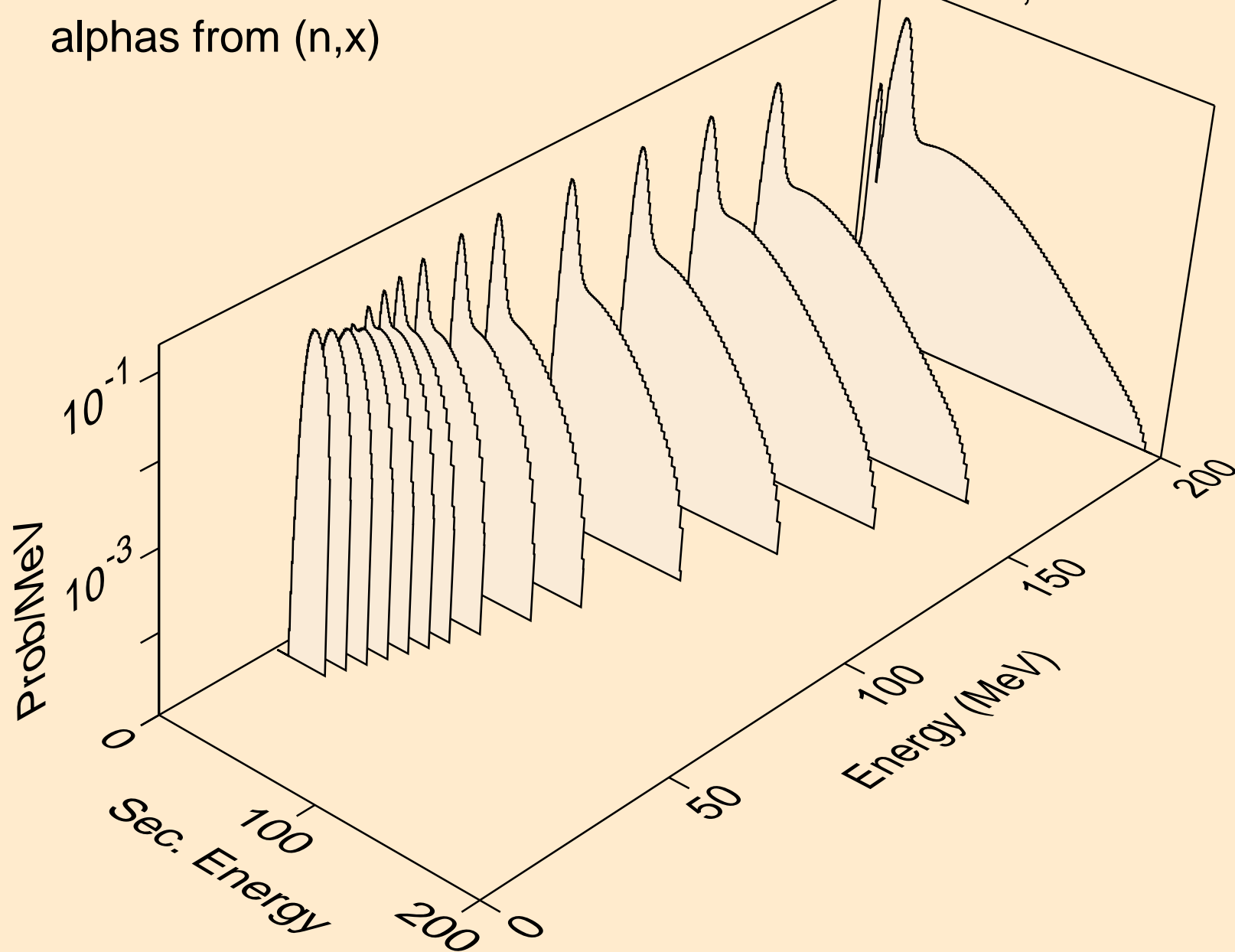
EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)

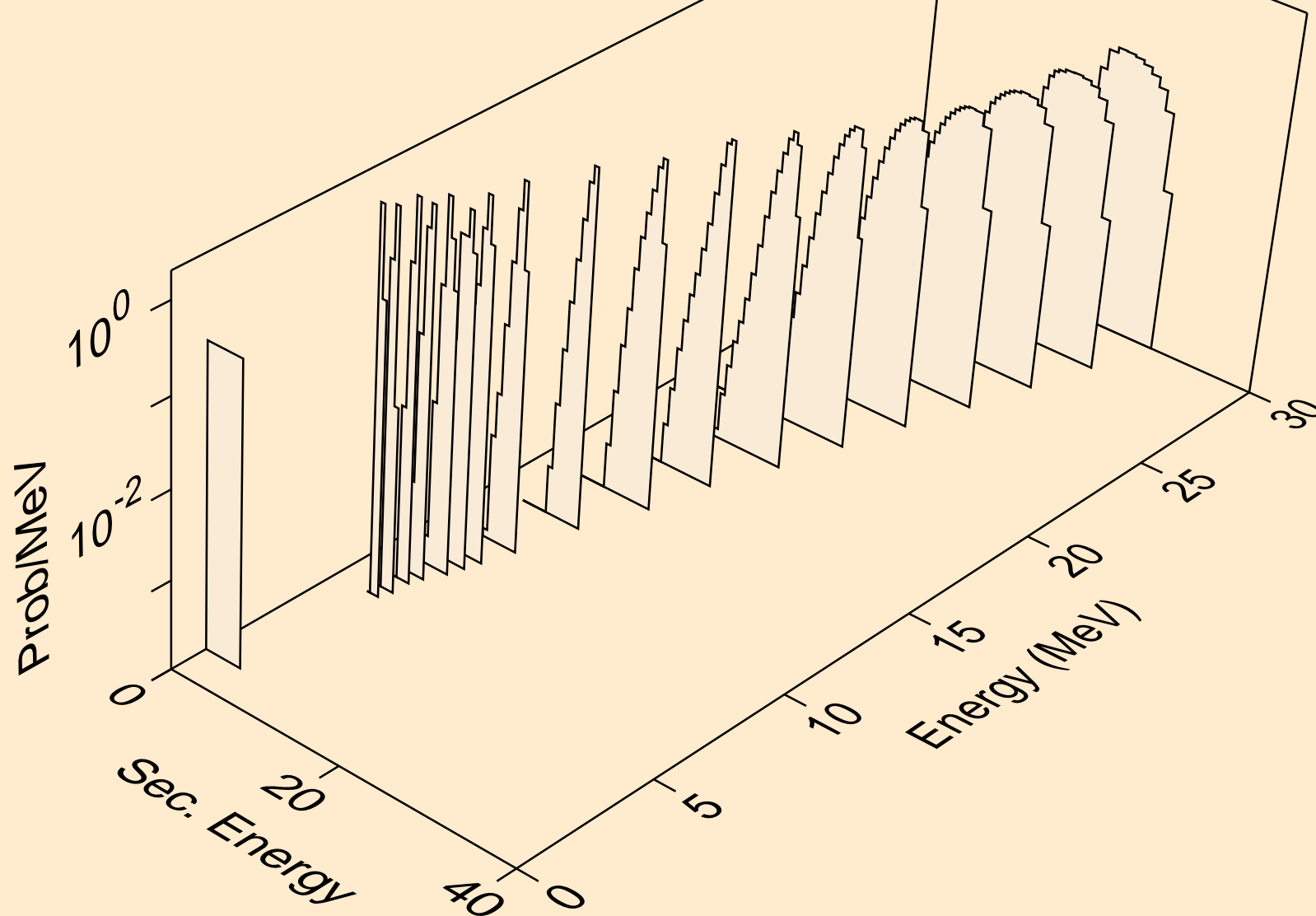


EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)

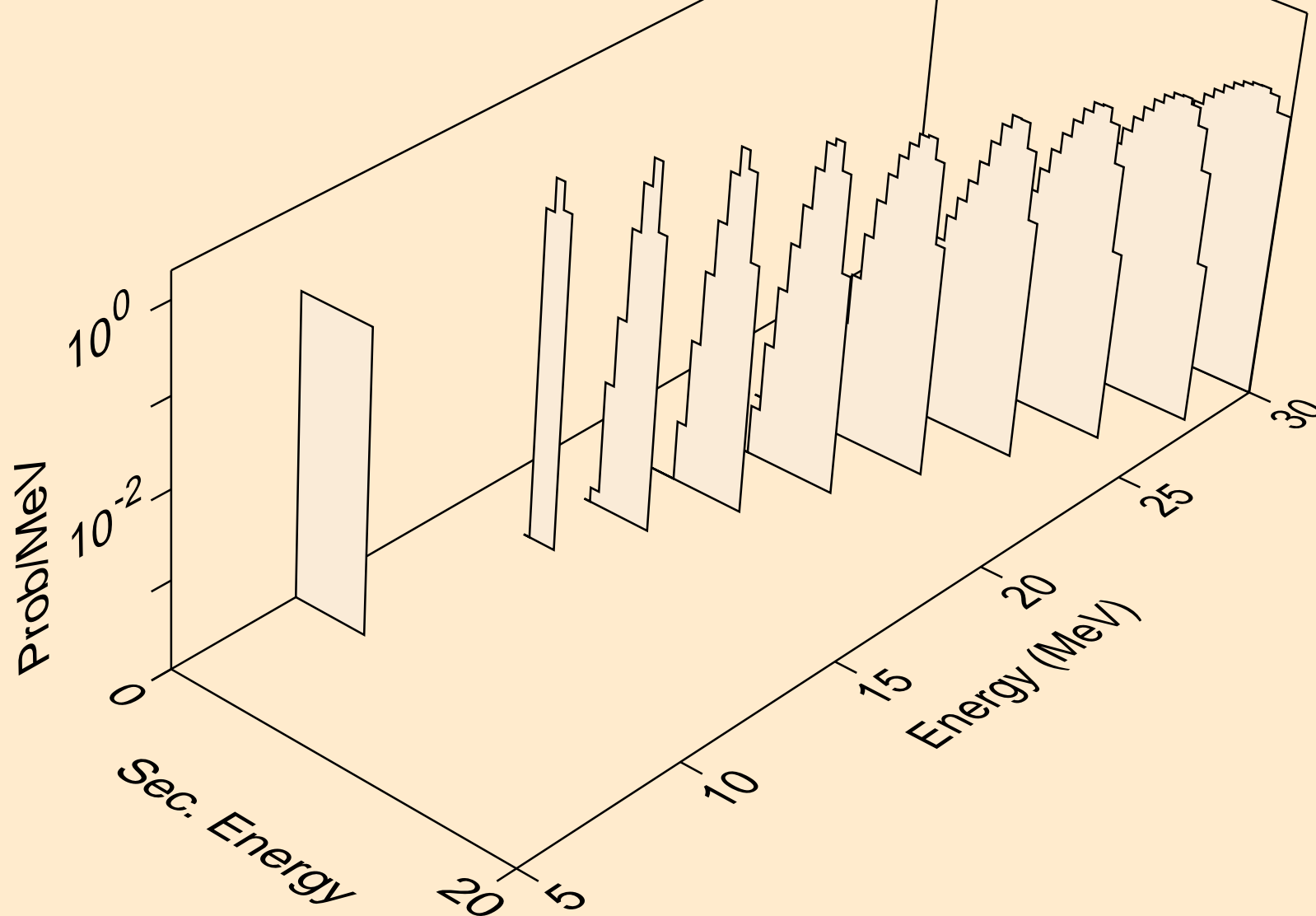




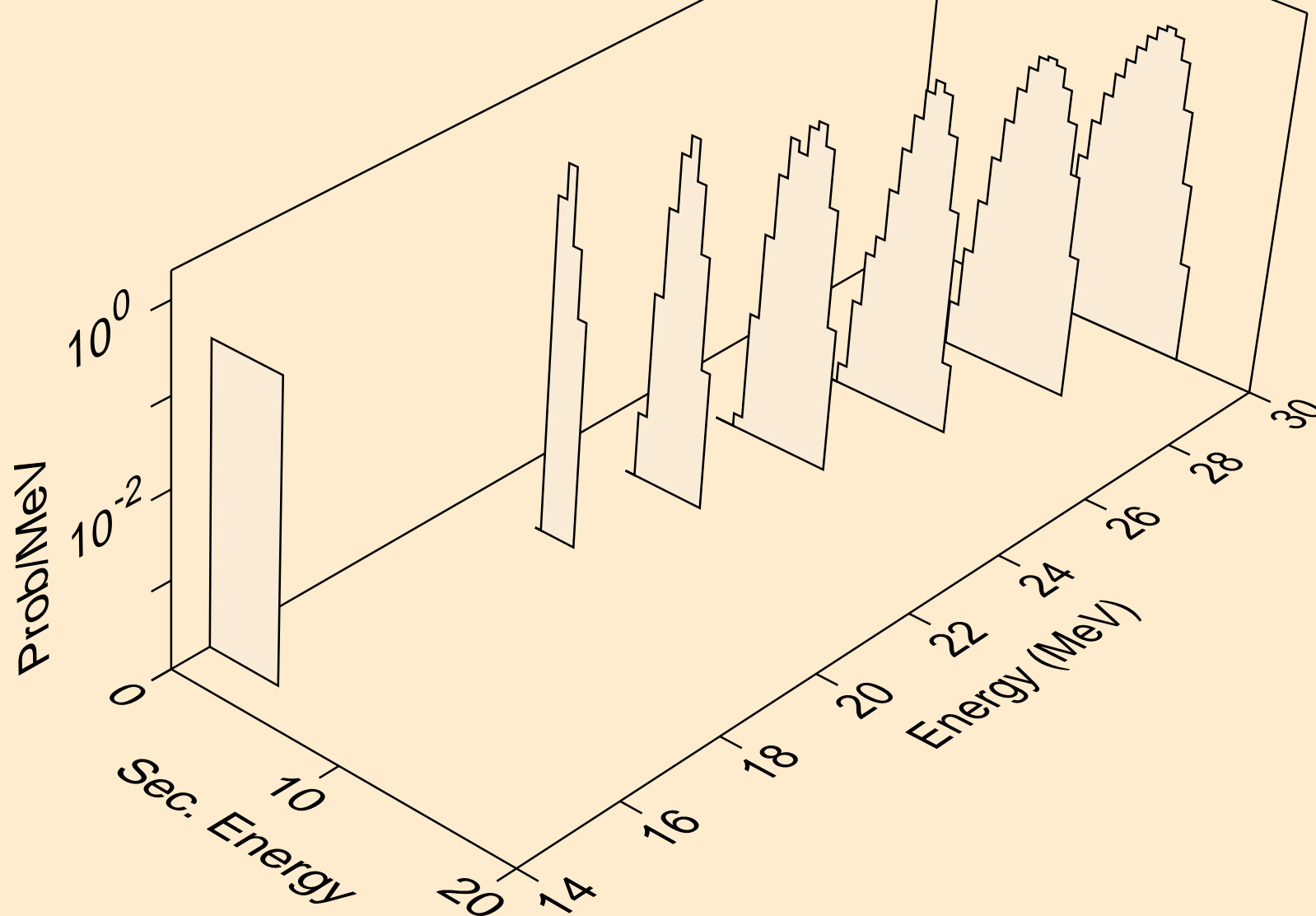
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alphas from (n,n\*)a



EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



EU157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

