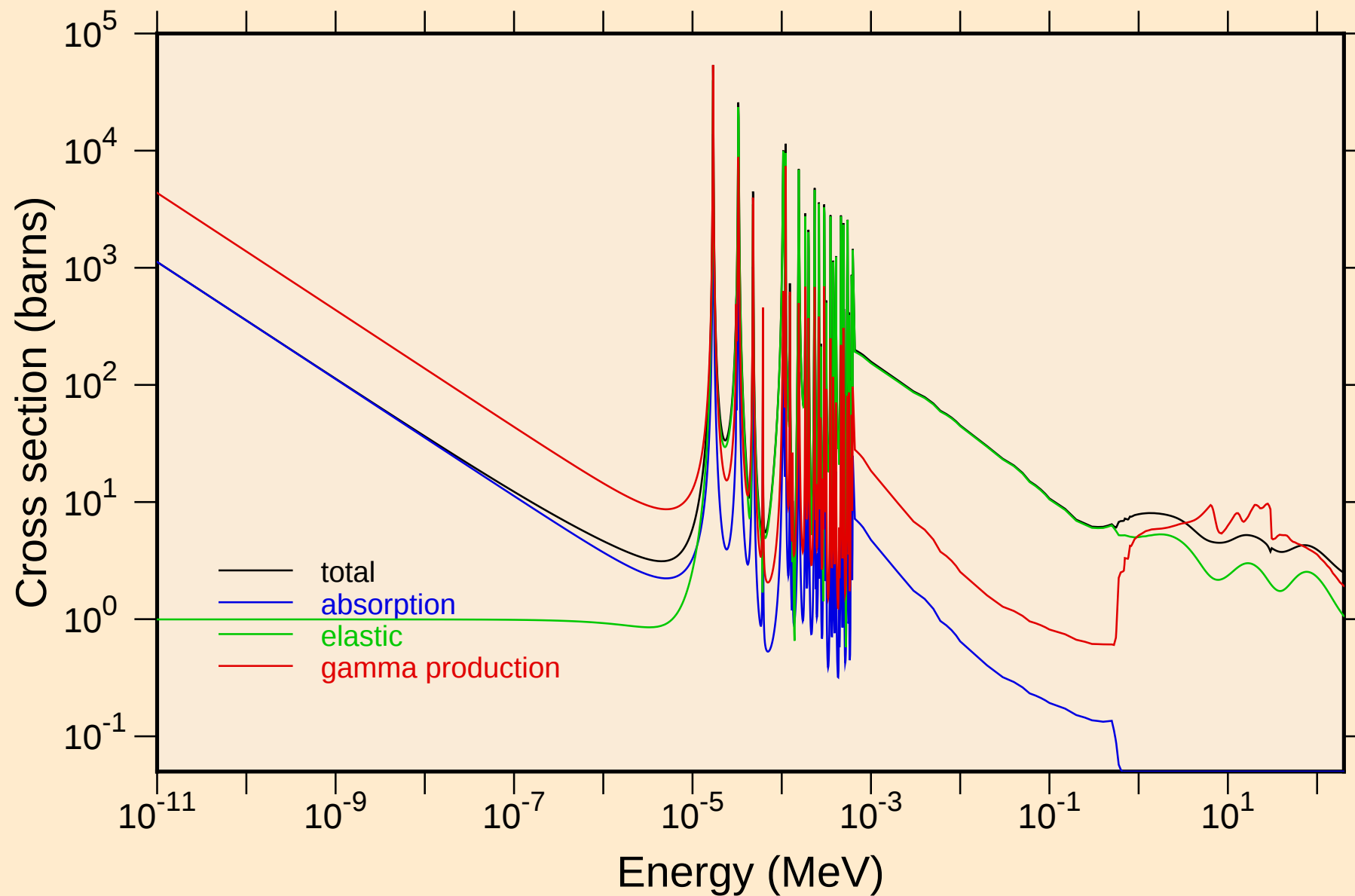
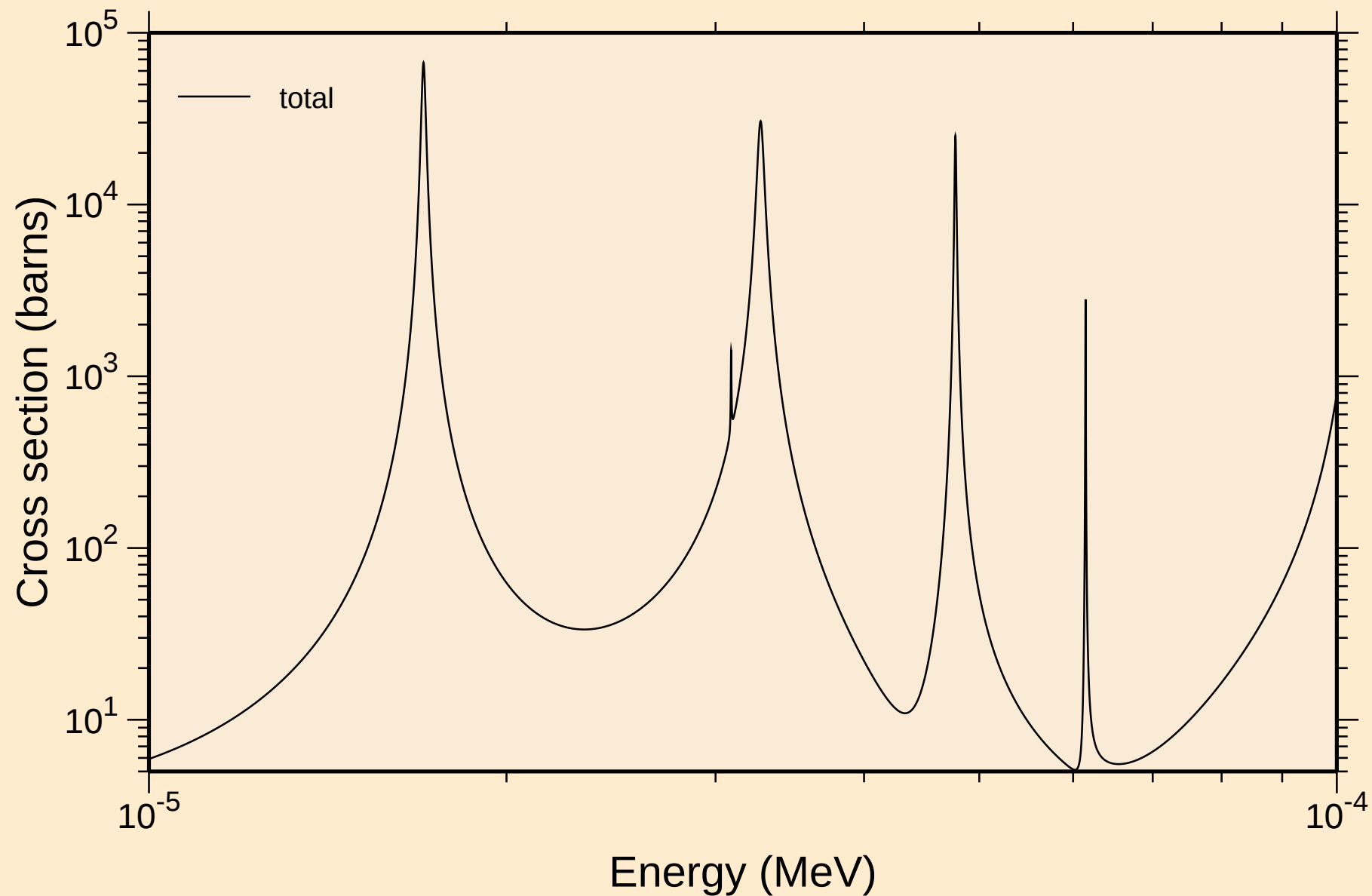


# EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

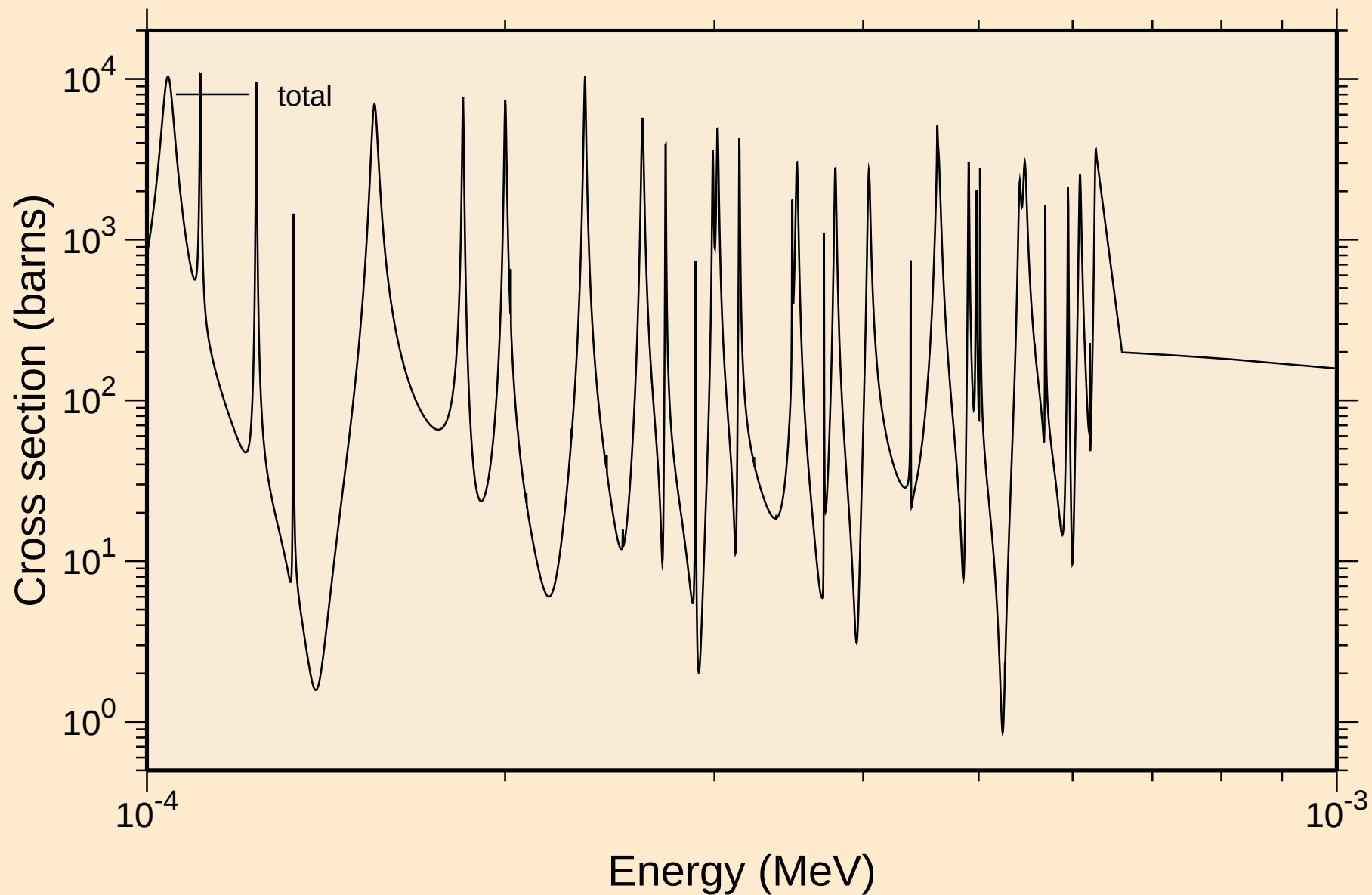
## Principal cross sections



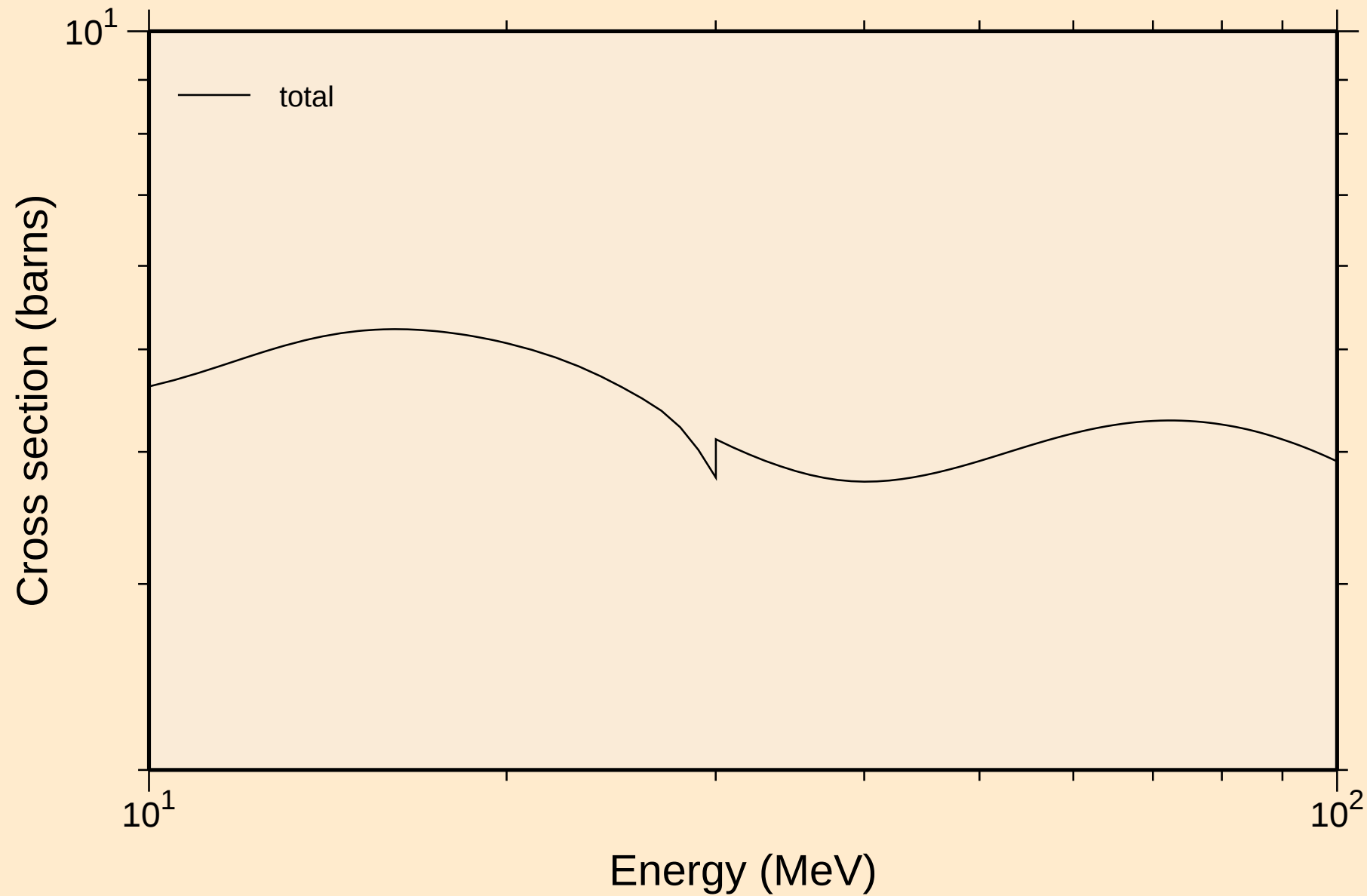
EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



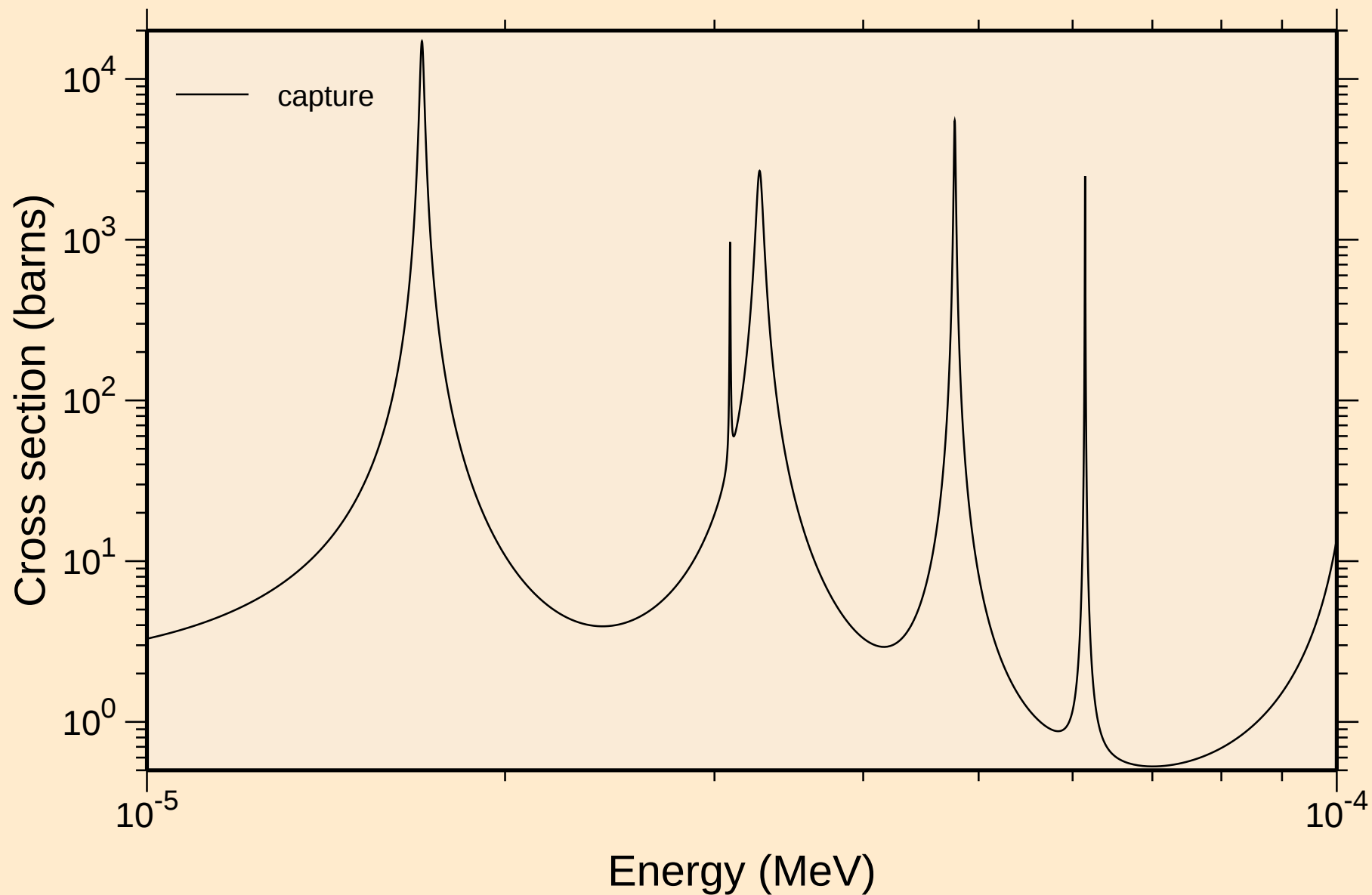
EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



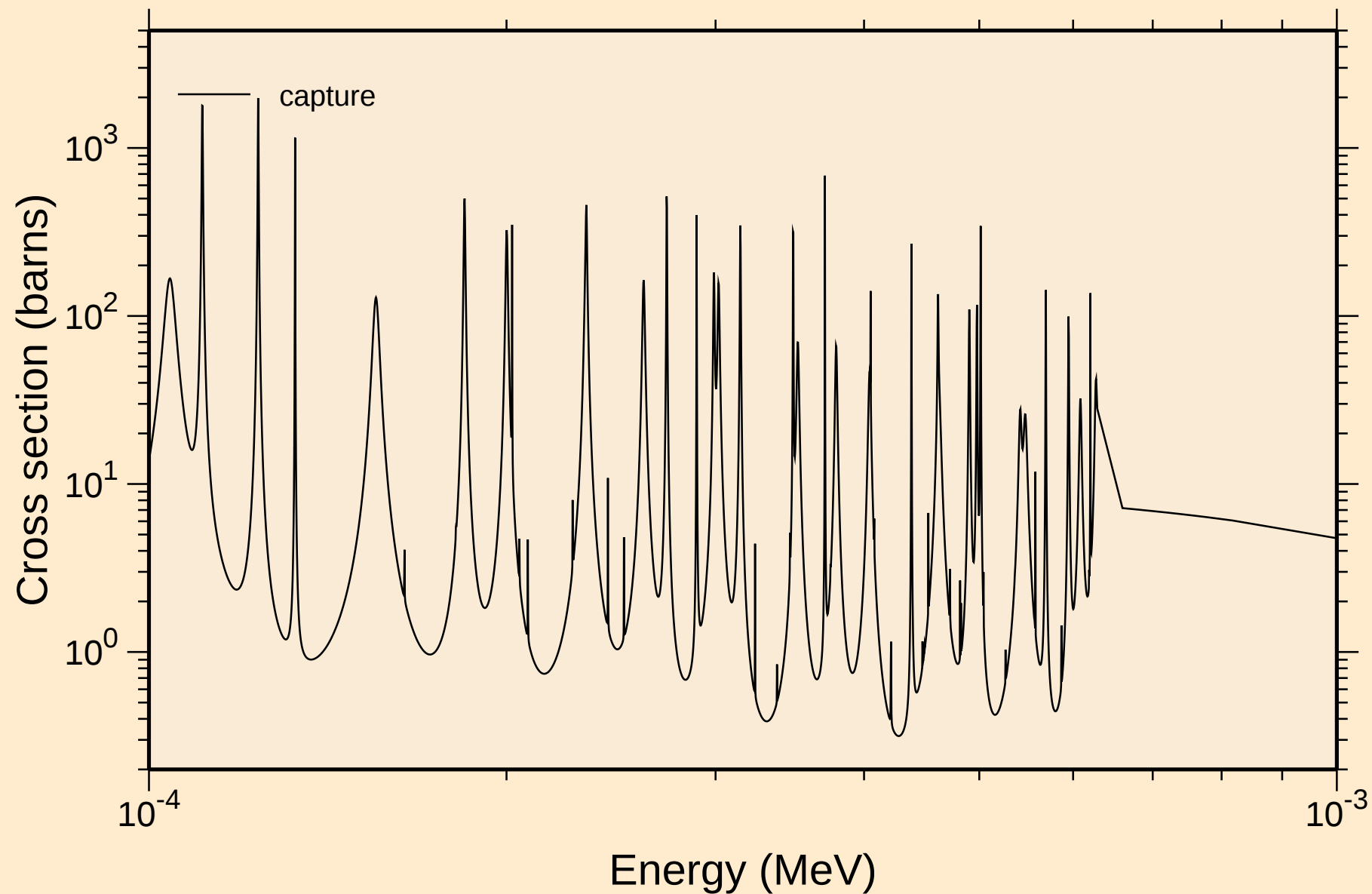
EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



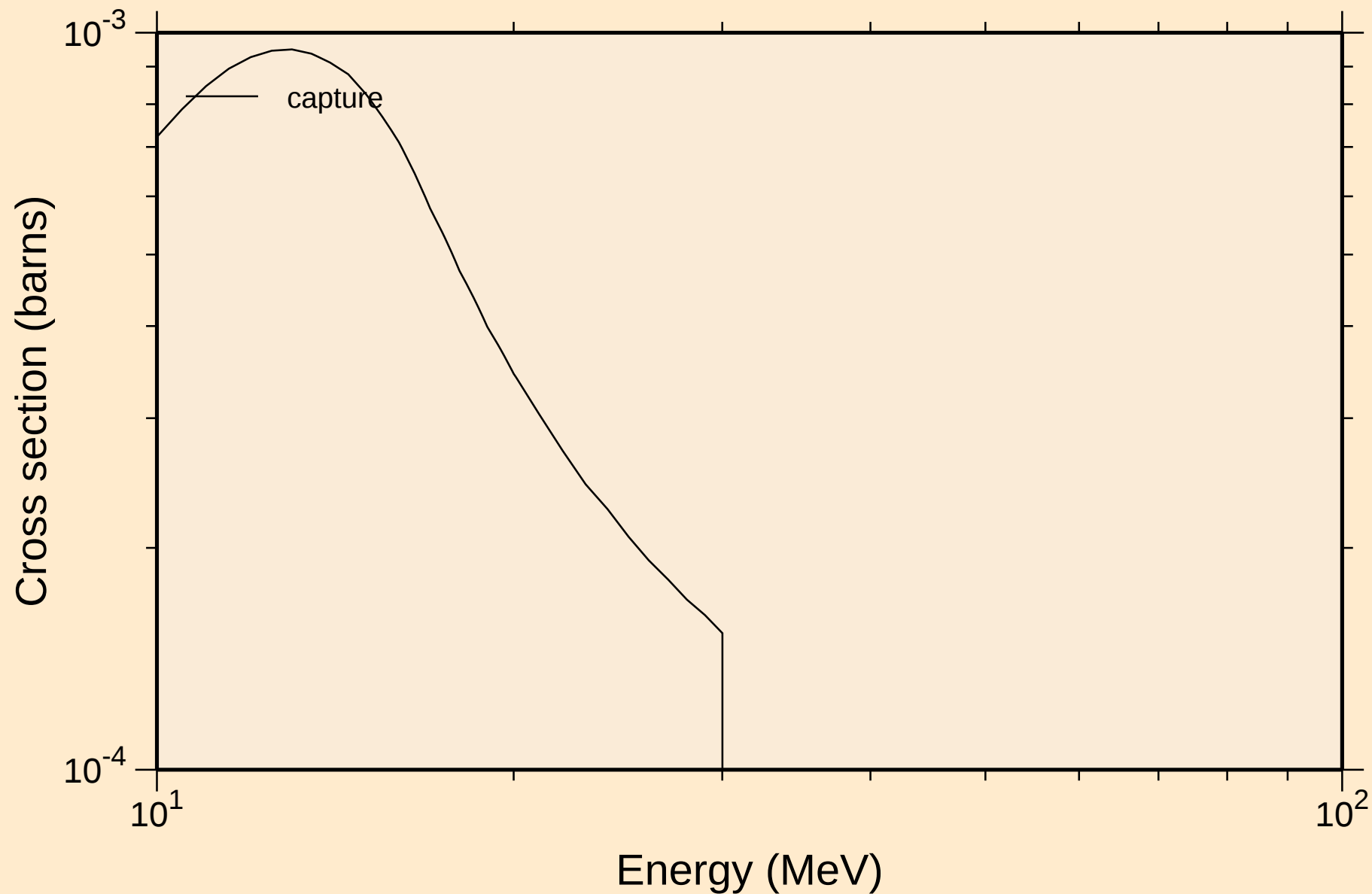
EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

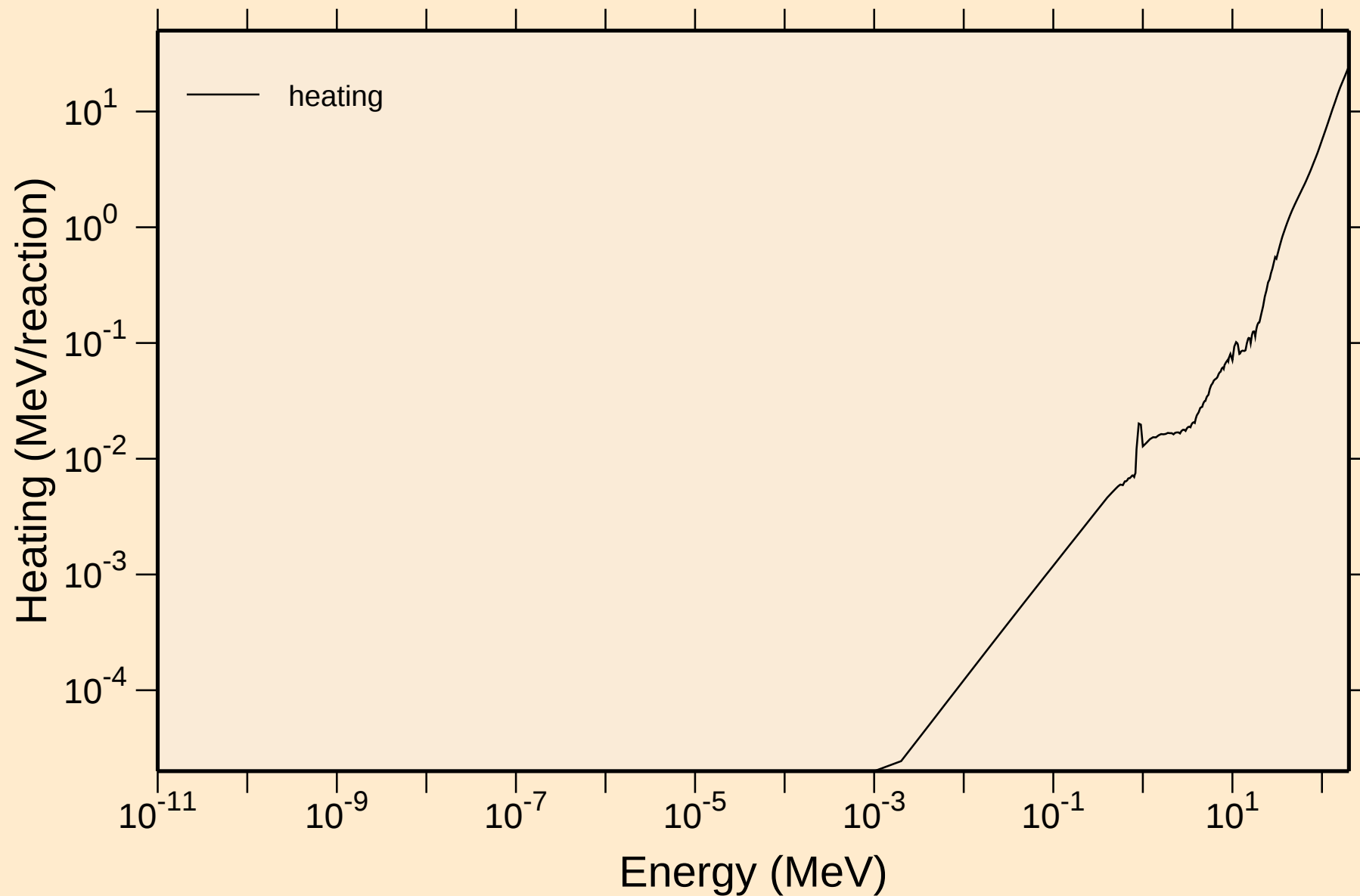


EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



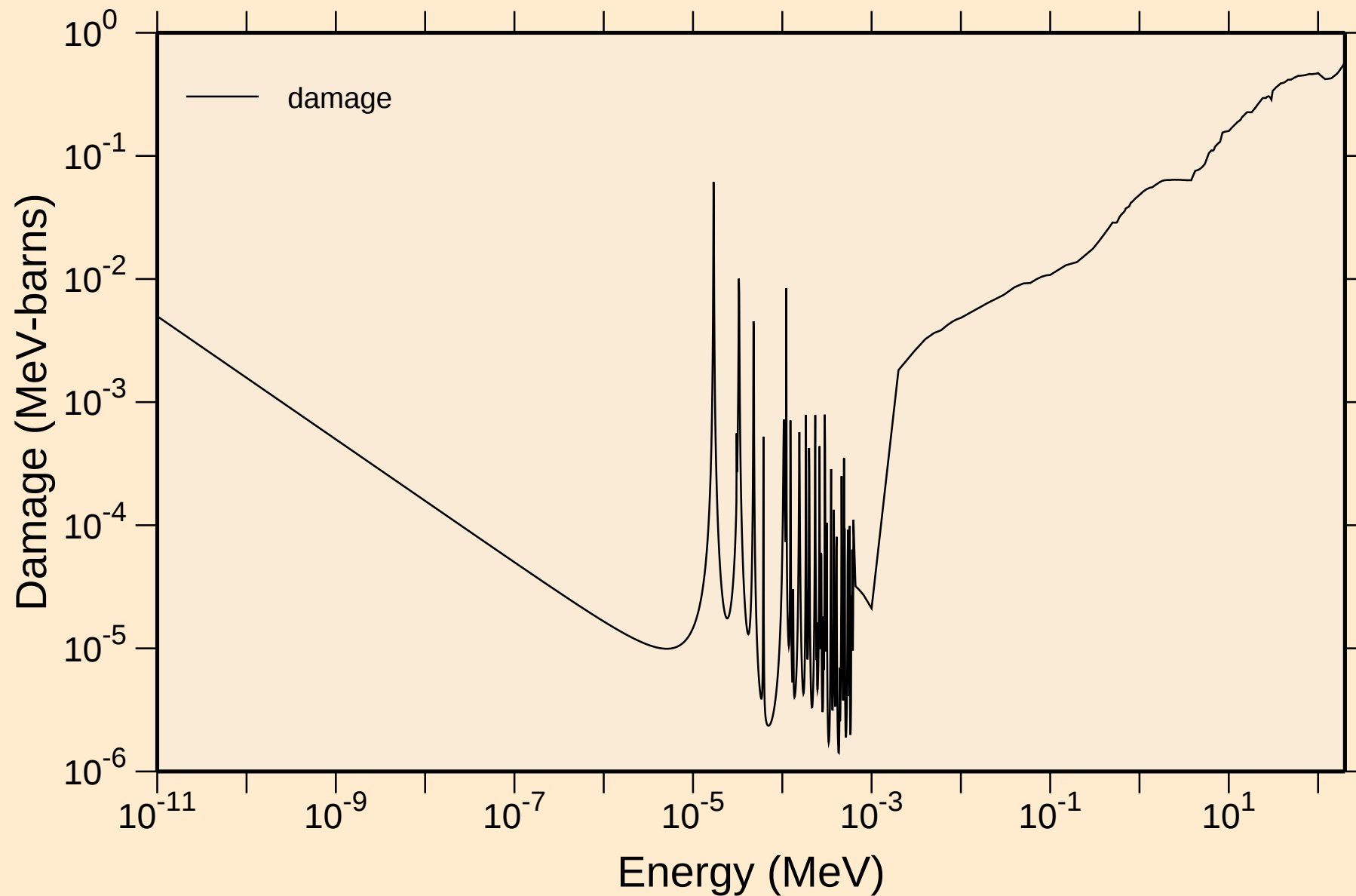
# EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

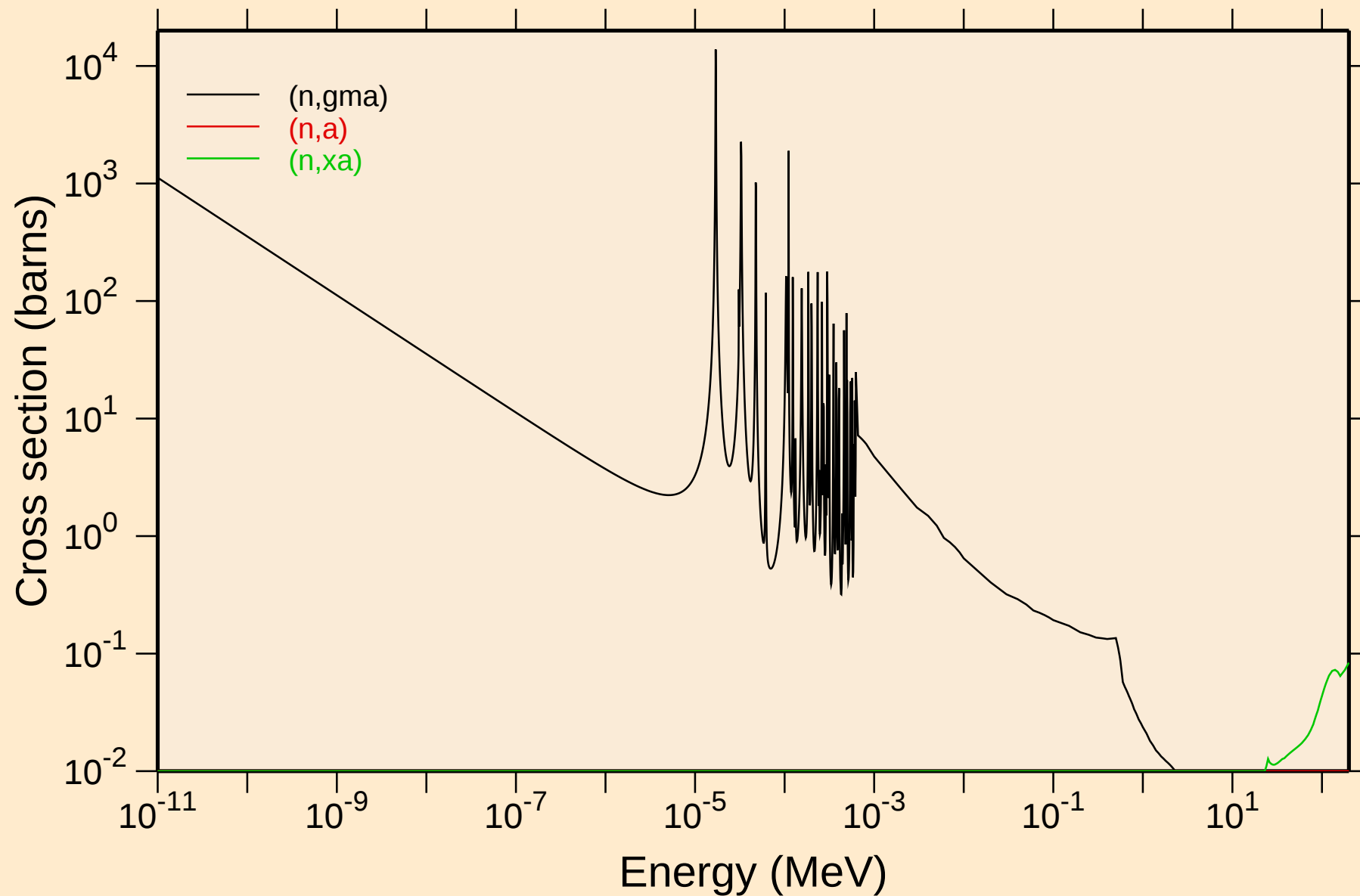


# EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

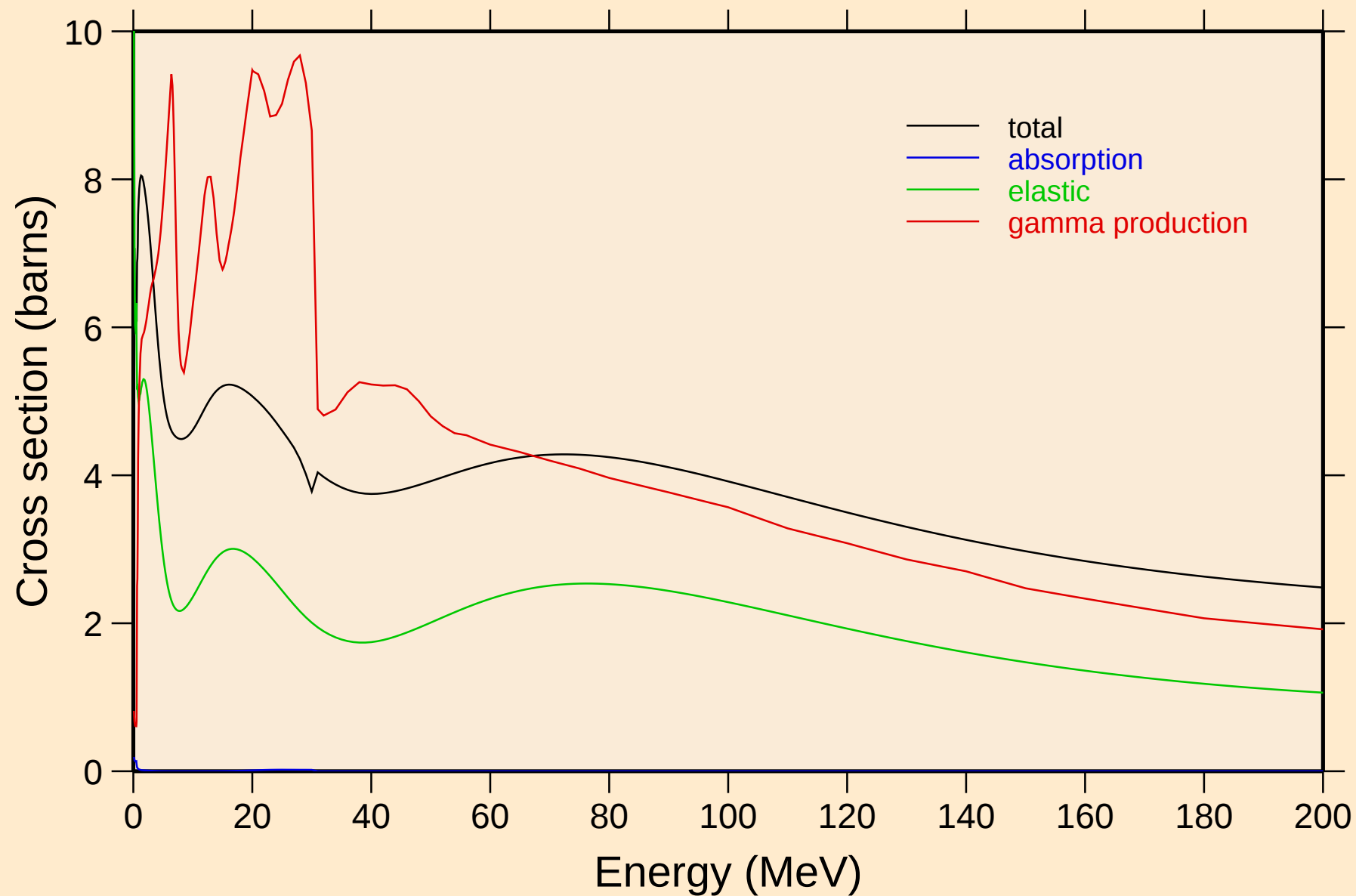


EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



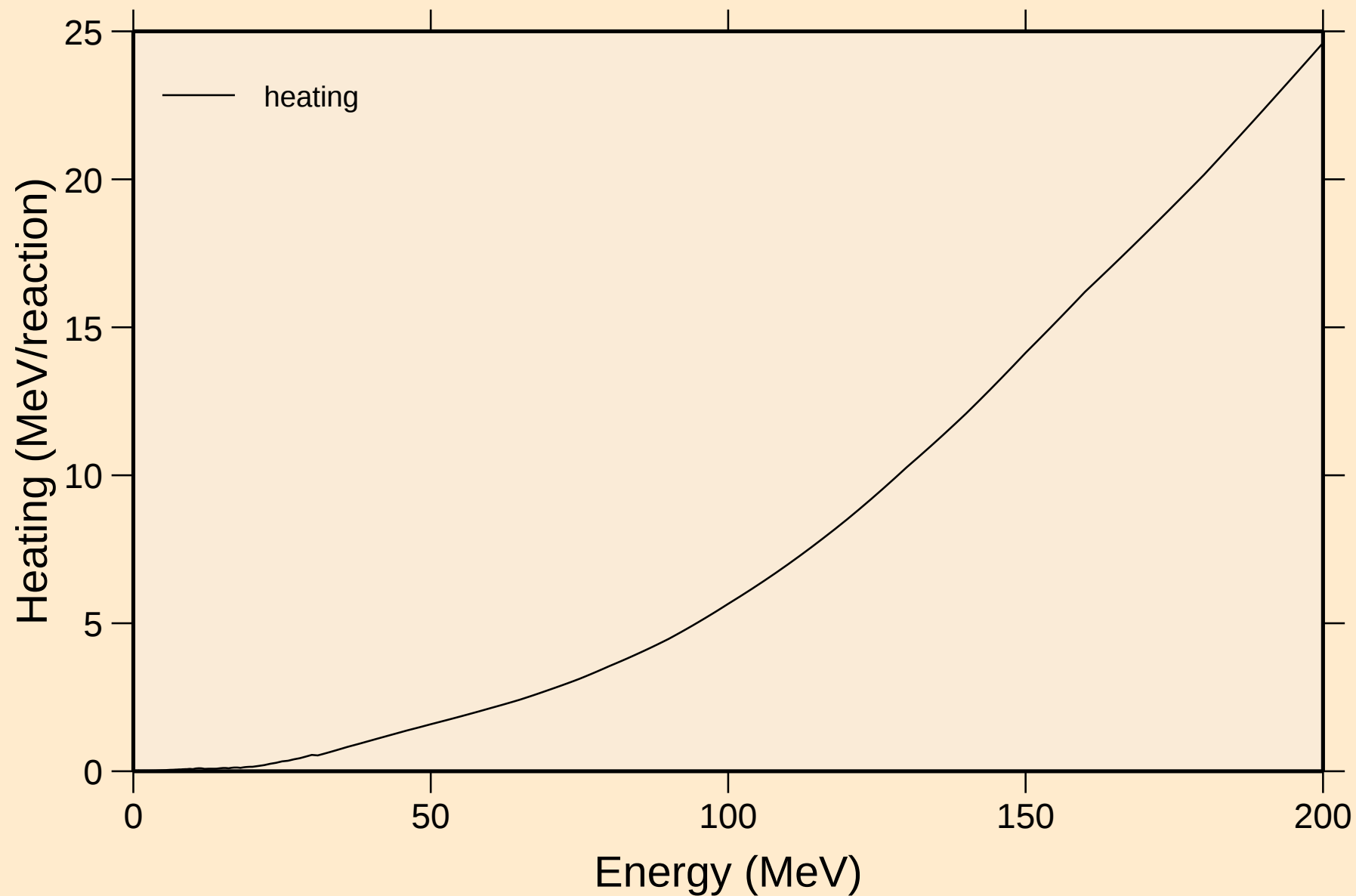
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## Principal cross sections



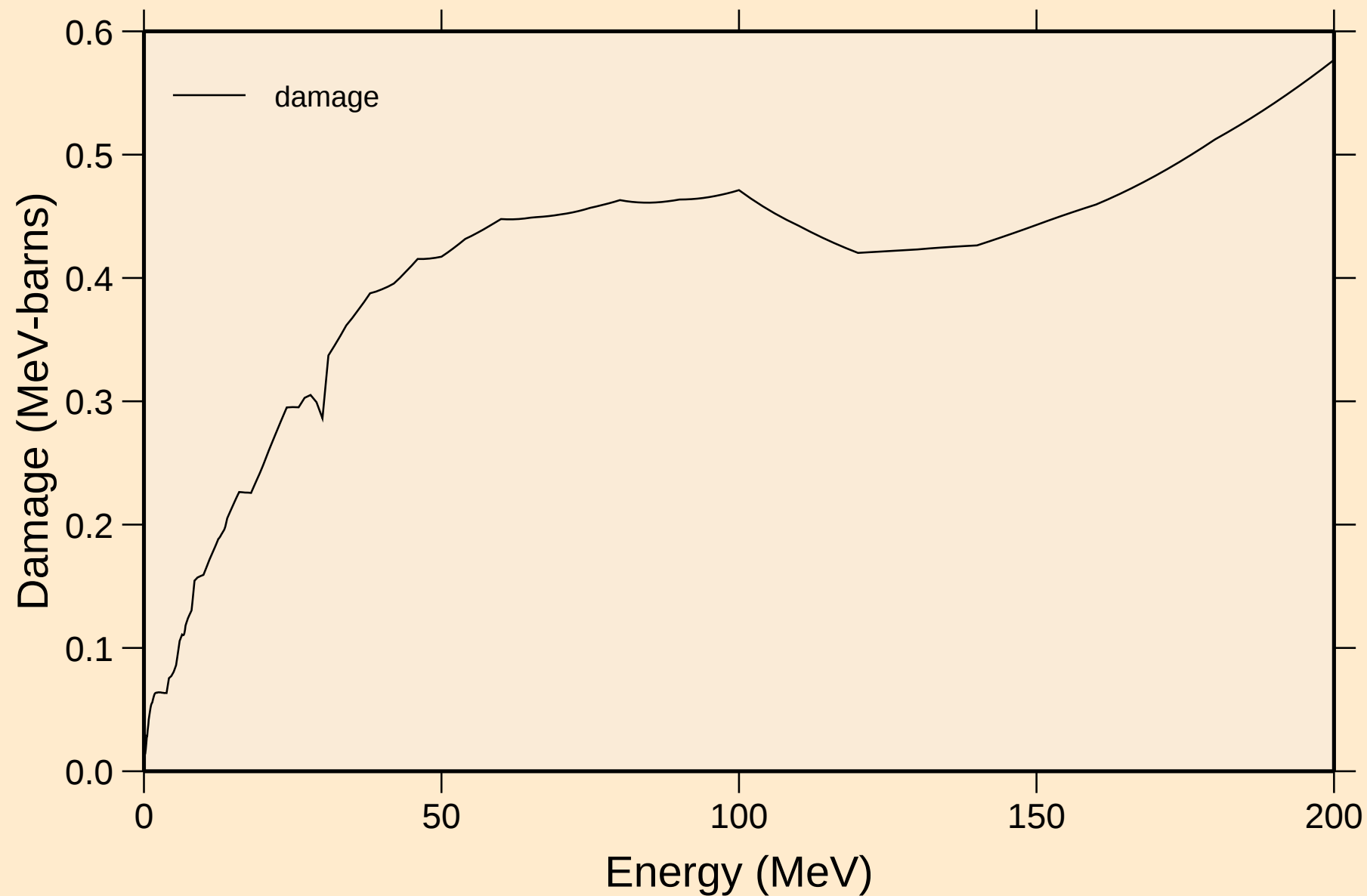
# EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

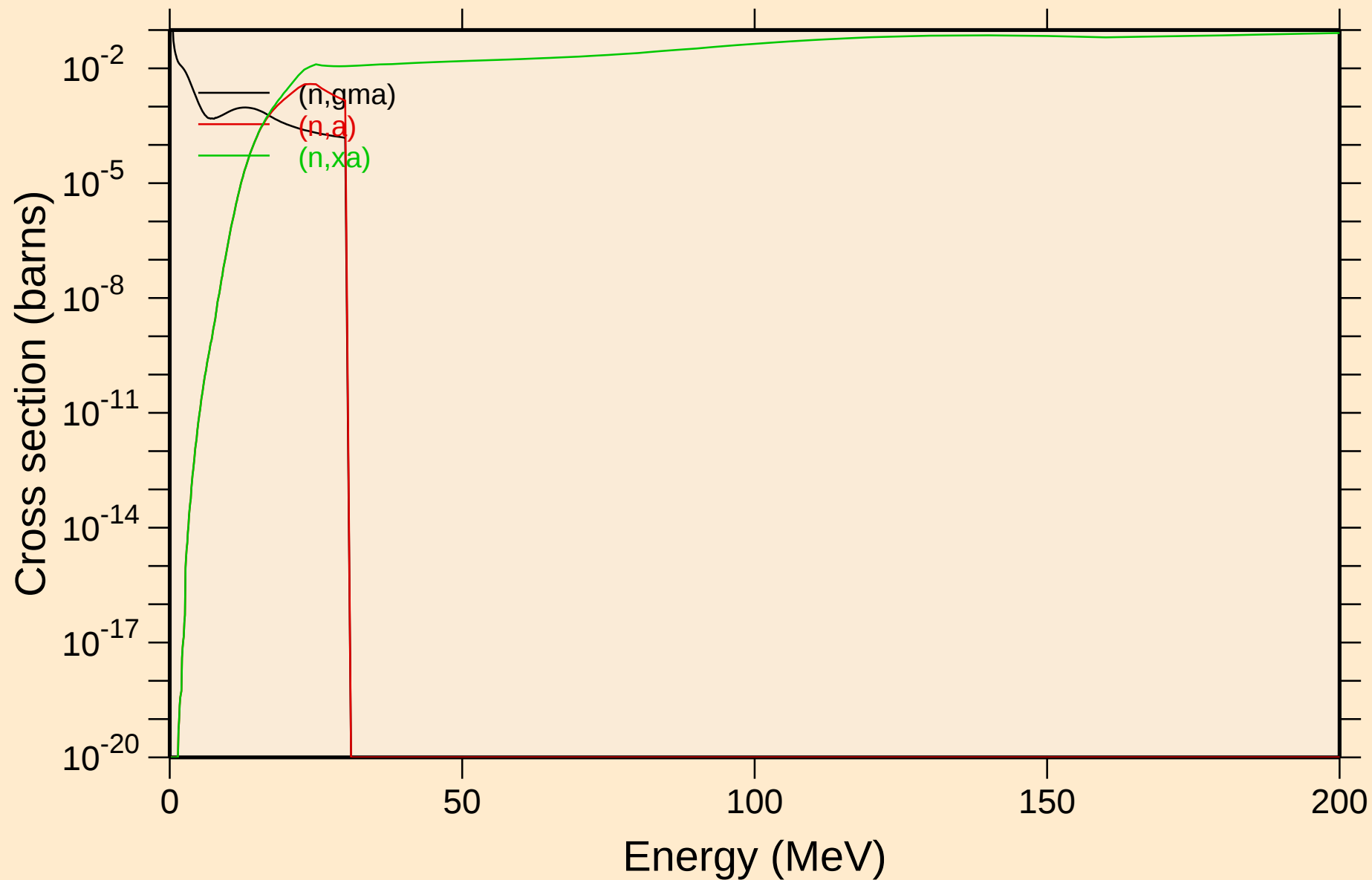


# EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

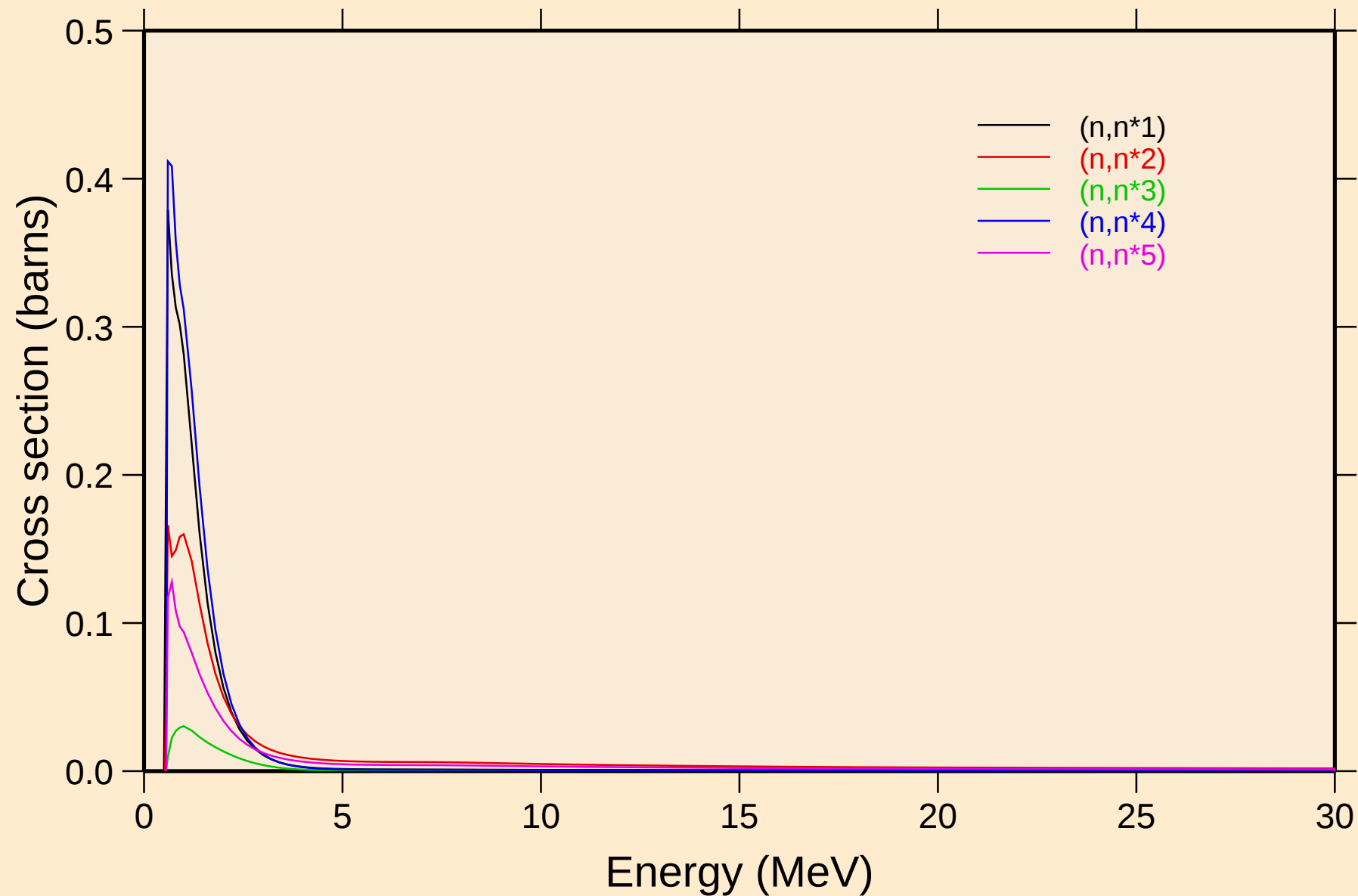


EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



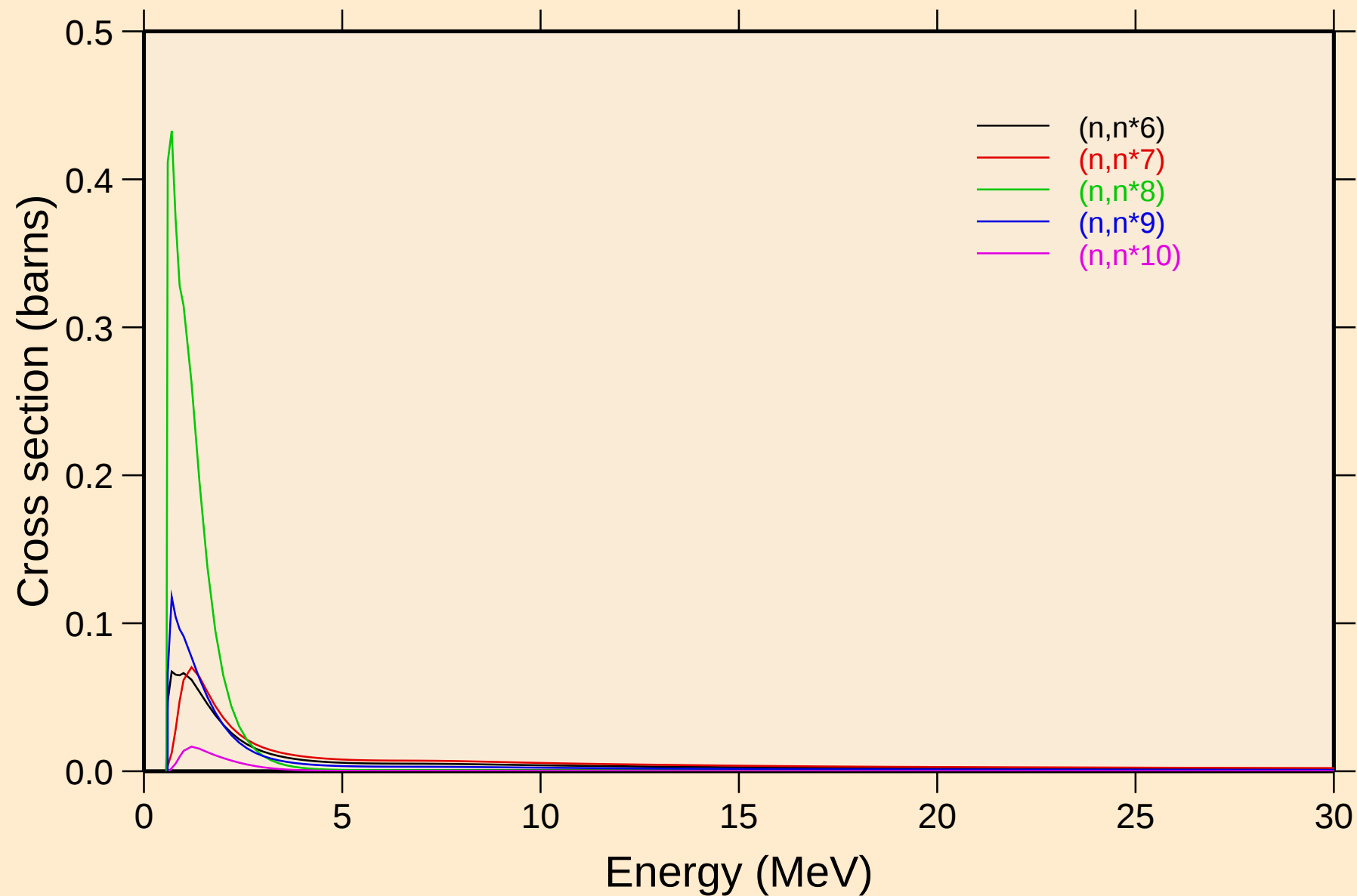
# EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



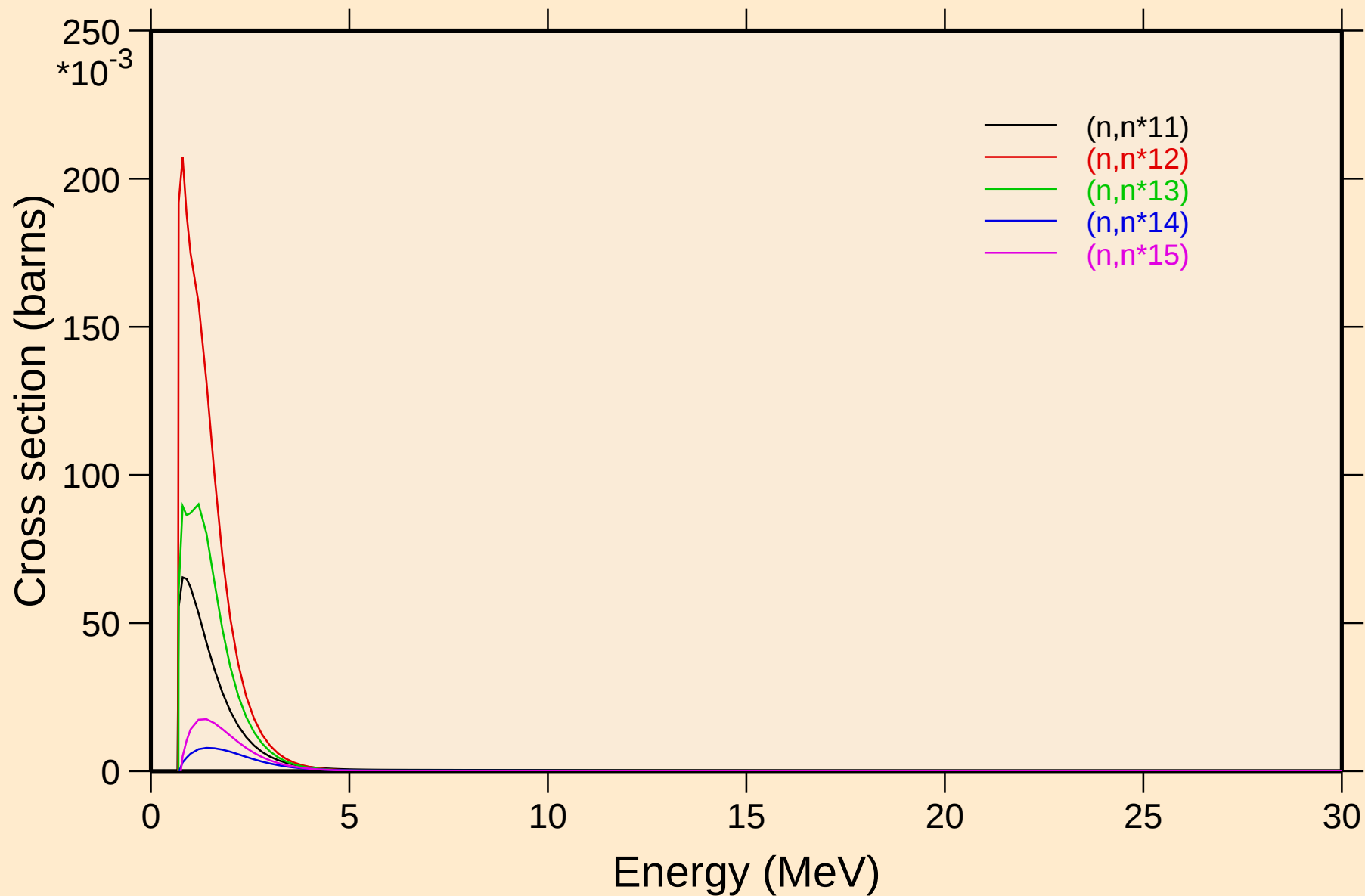
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Inelastic levels



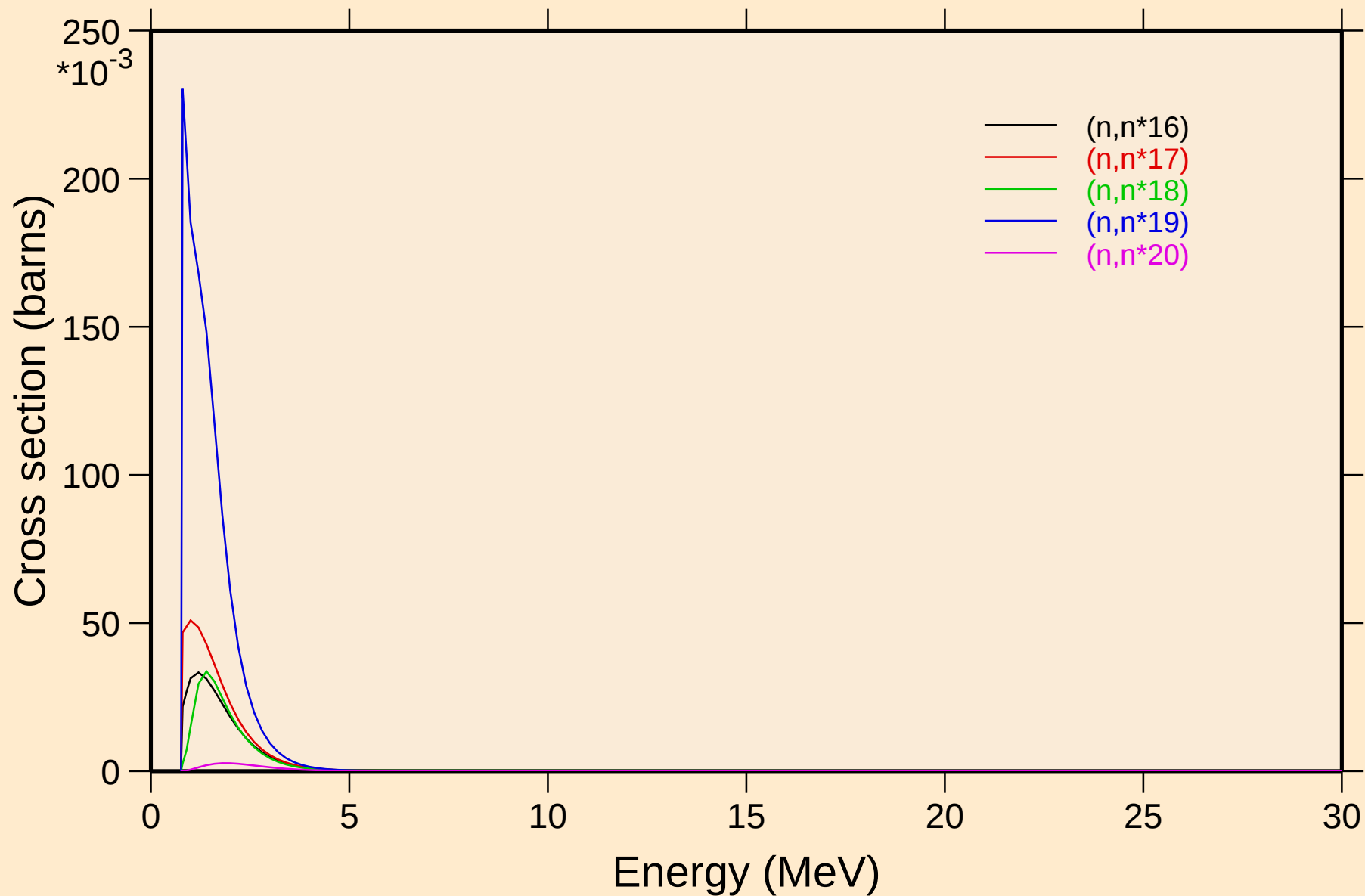
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## Inelastic levels



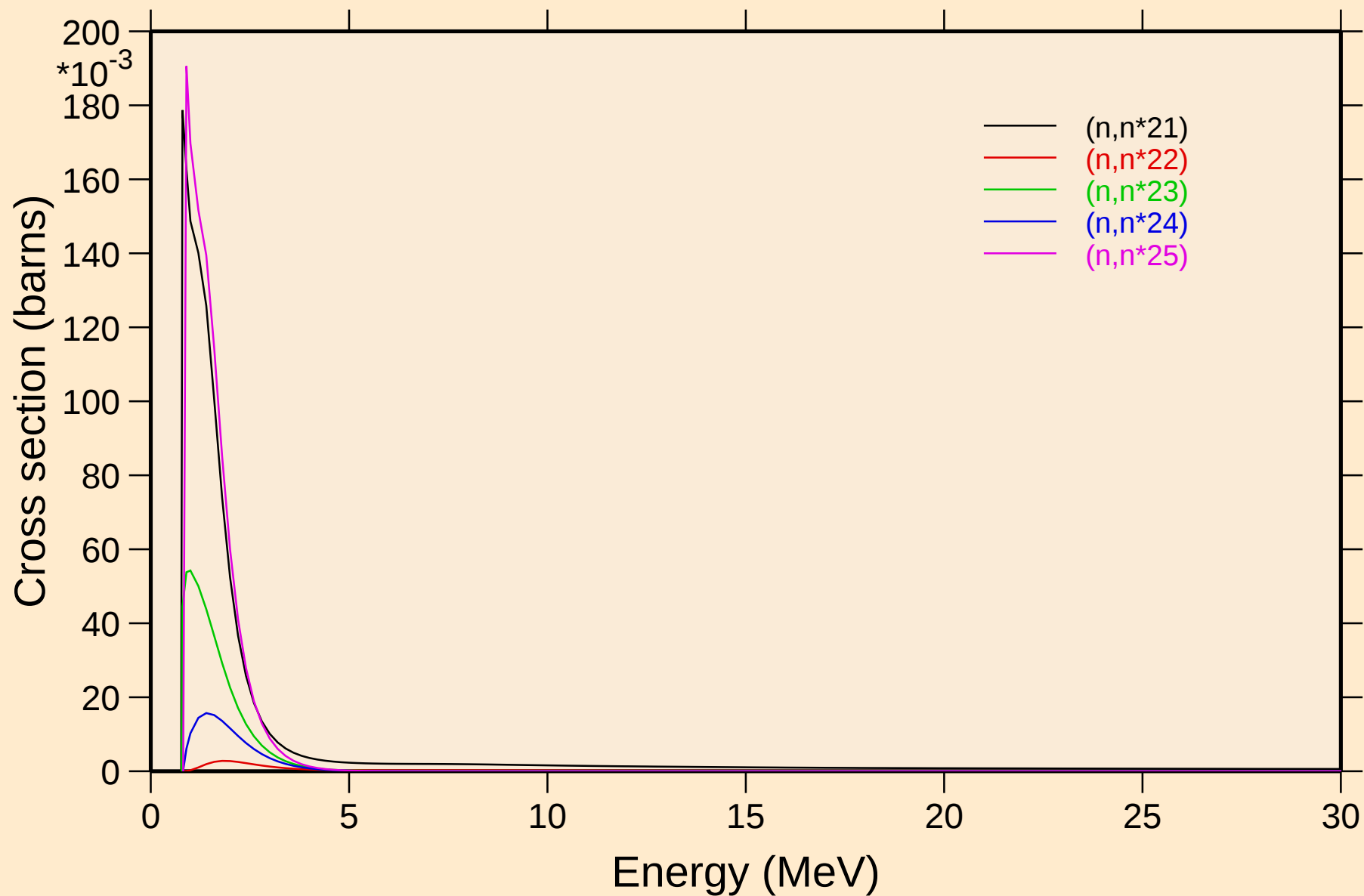
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## Inelastic levels



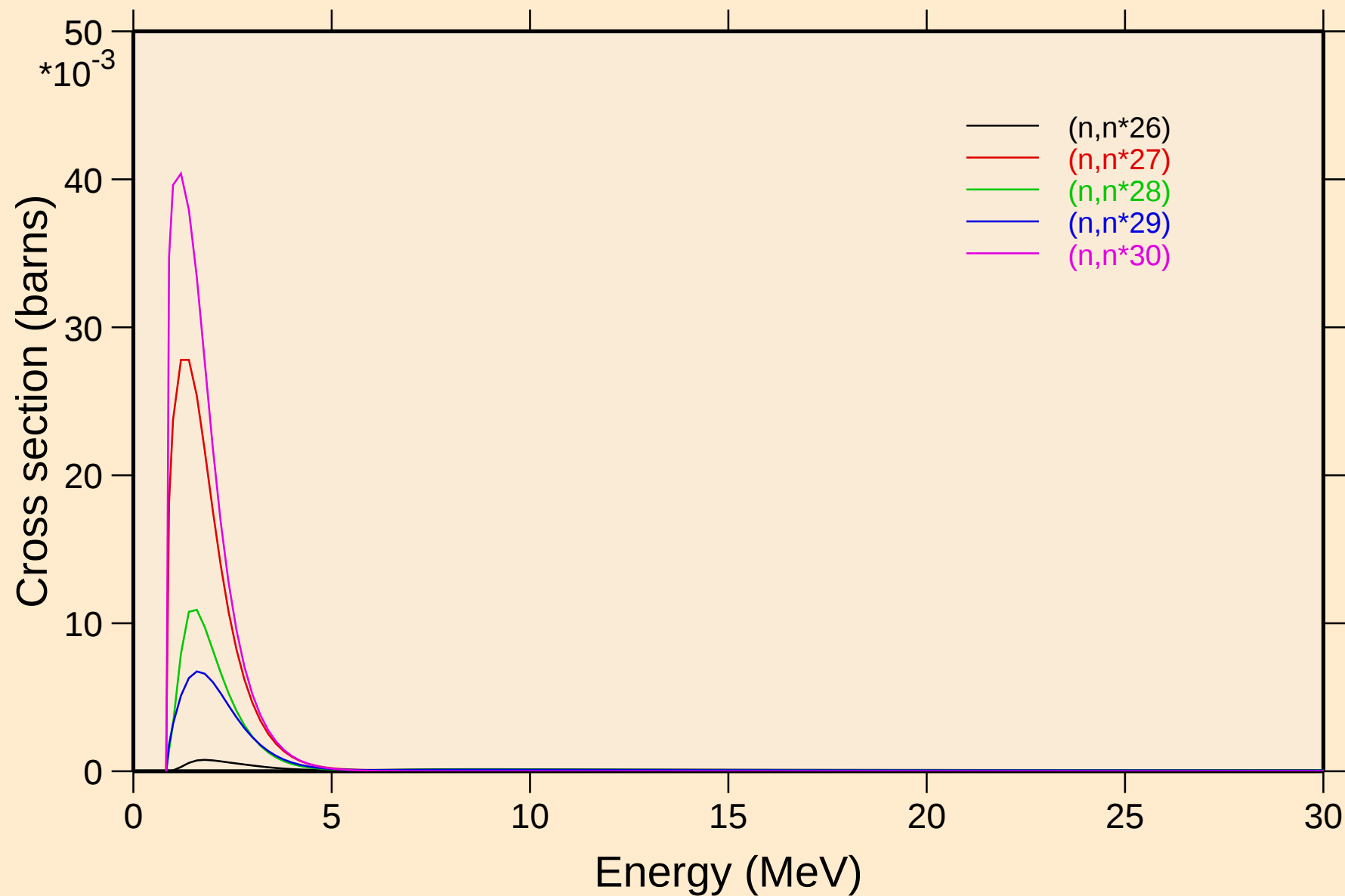
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## Inelastic levels



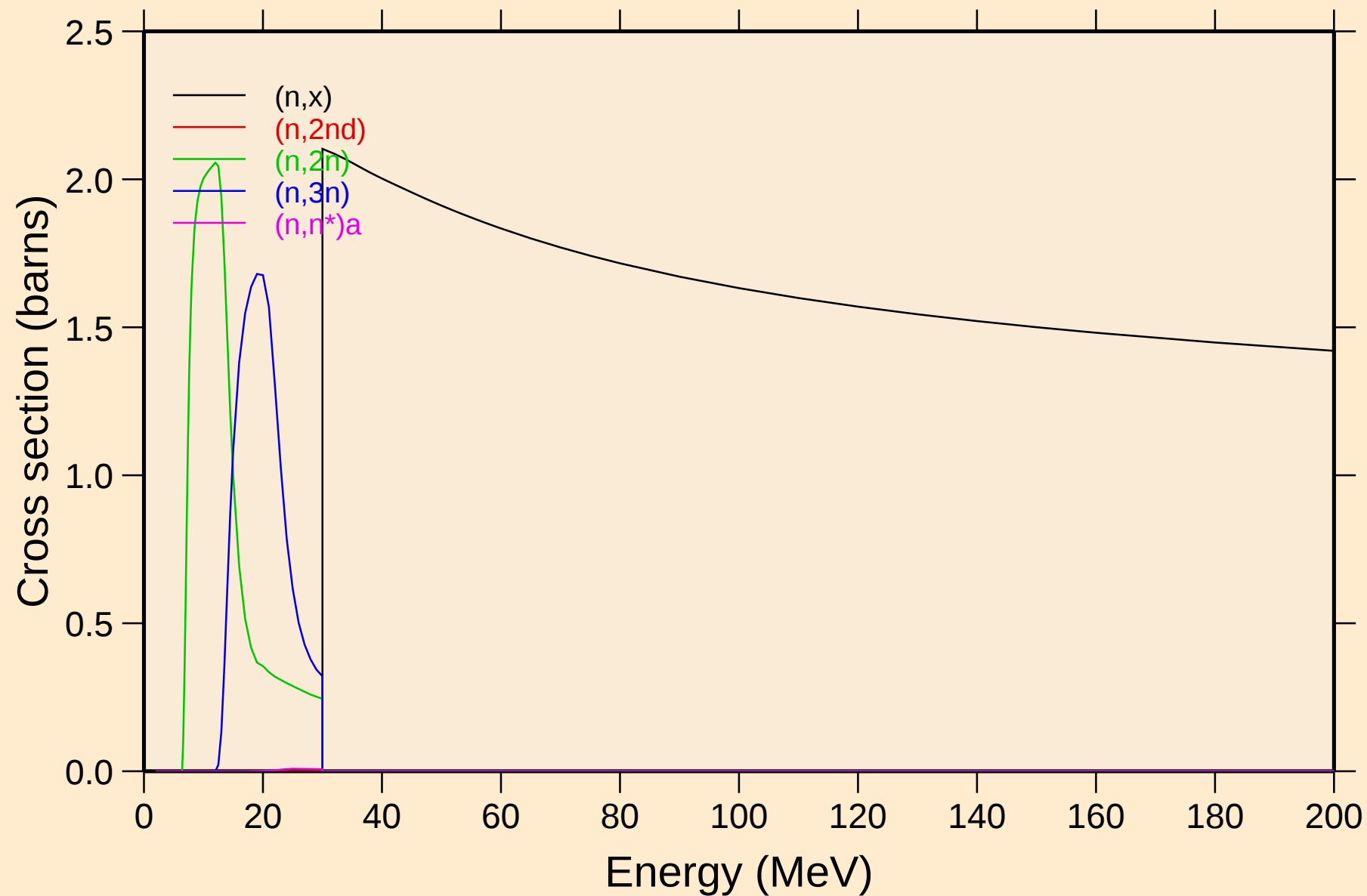
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Inelastic levels



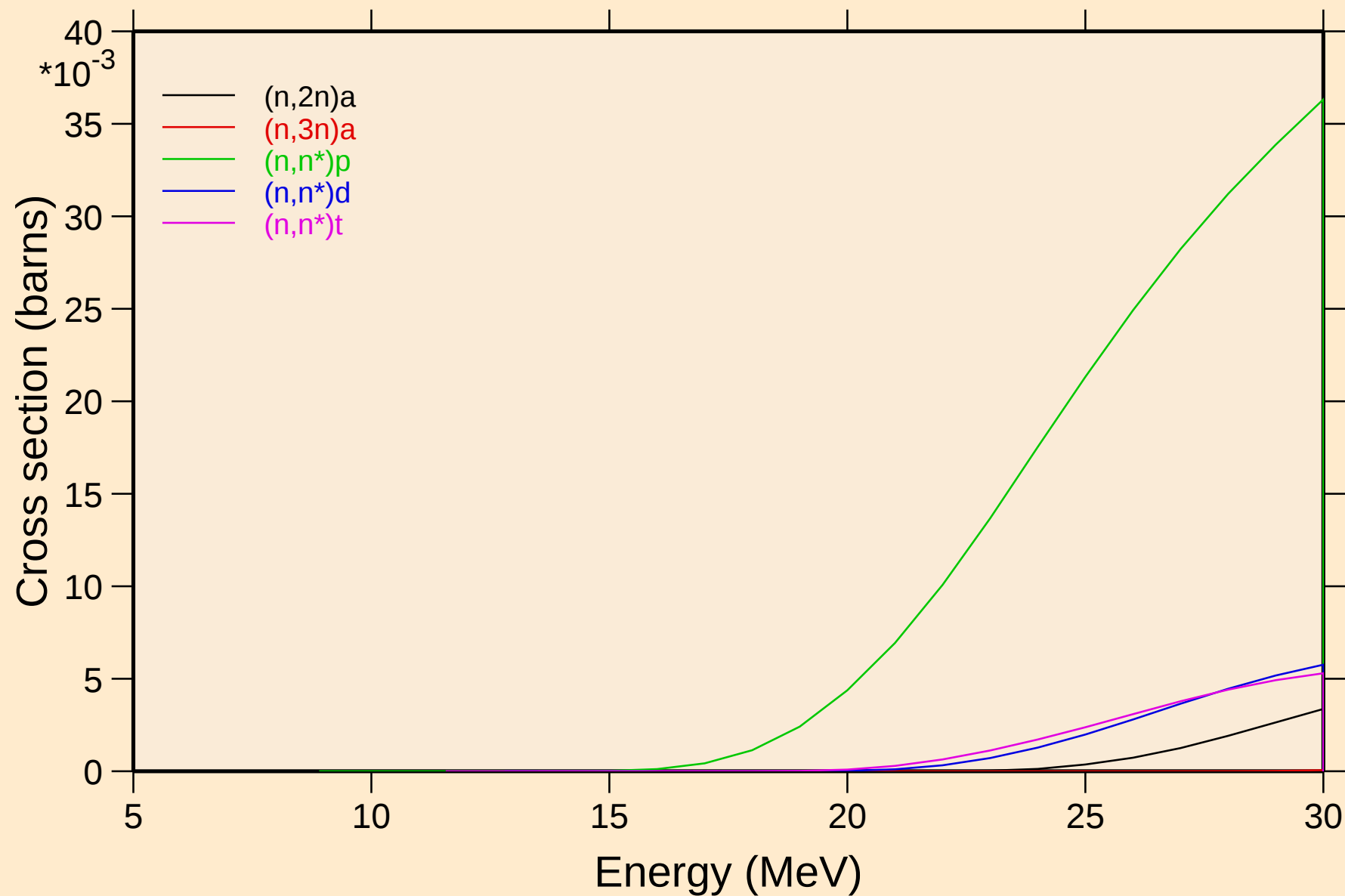
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## Threshold reactions

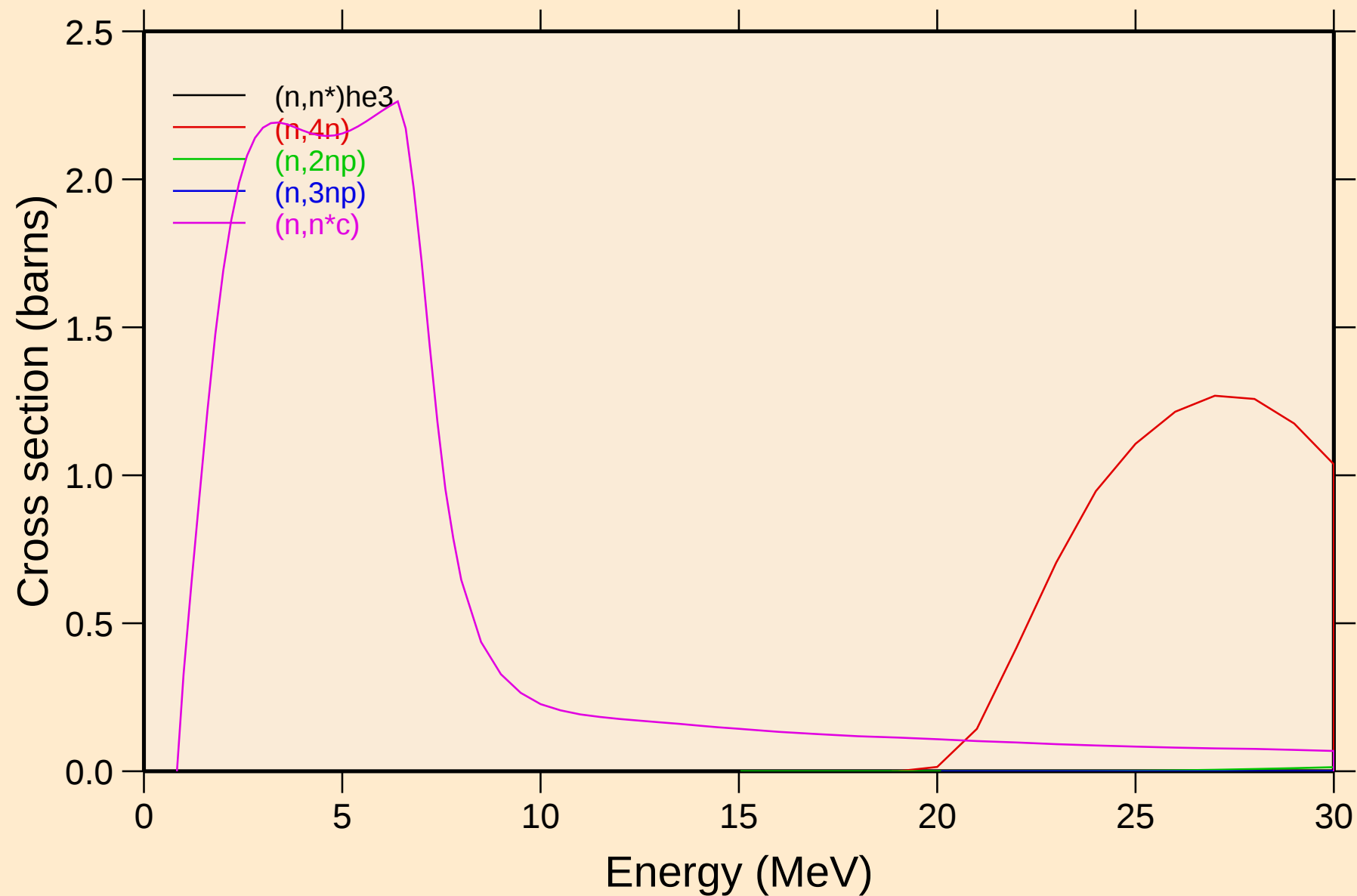


# EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

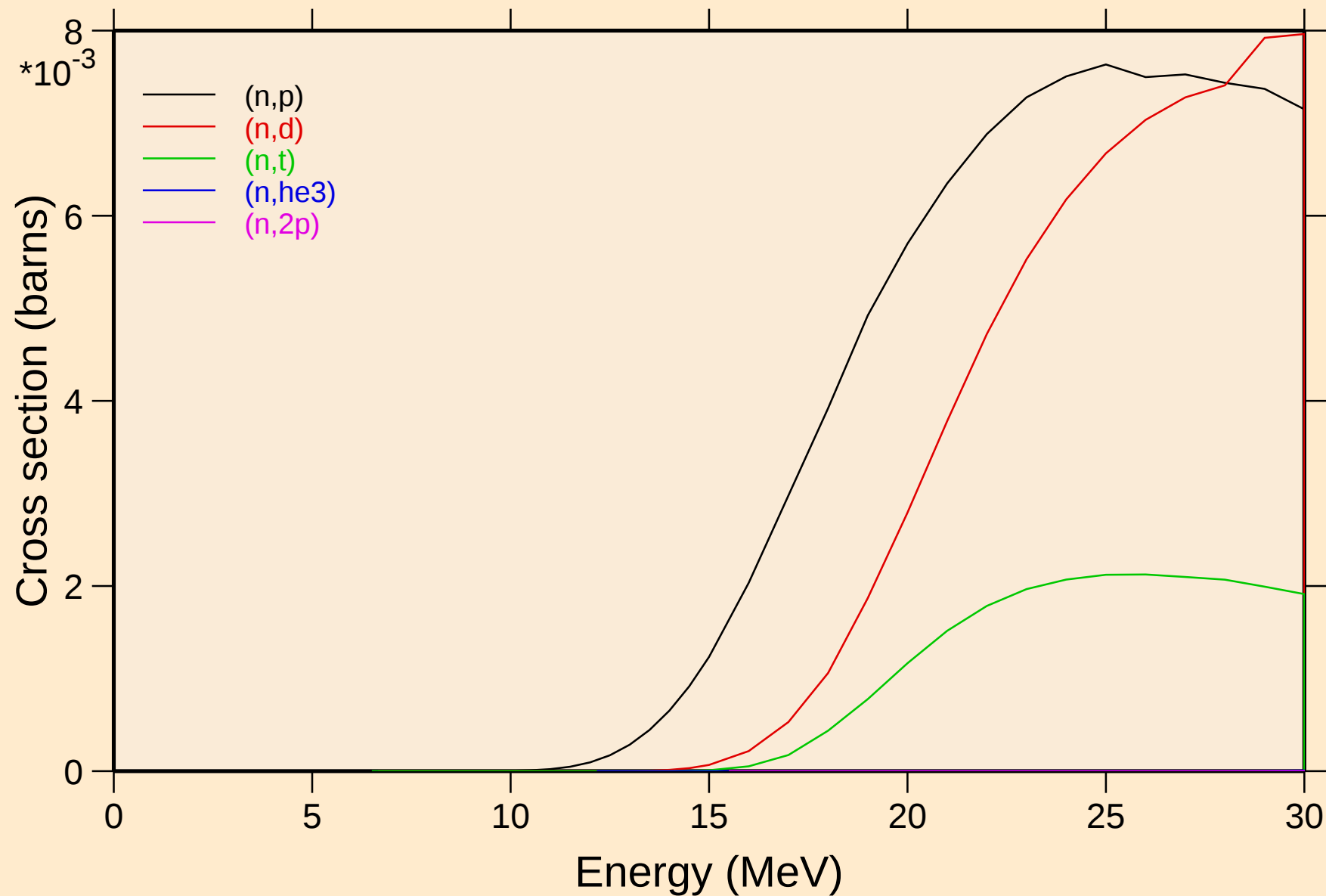


EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



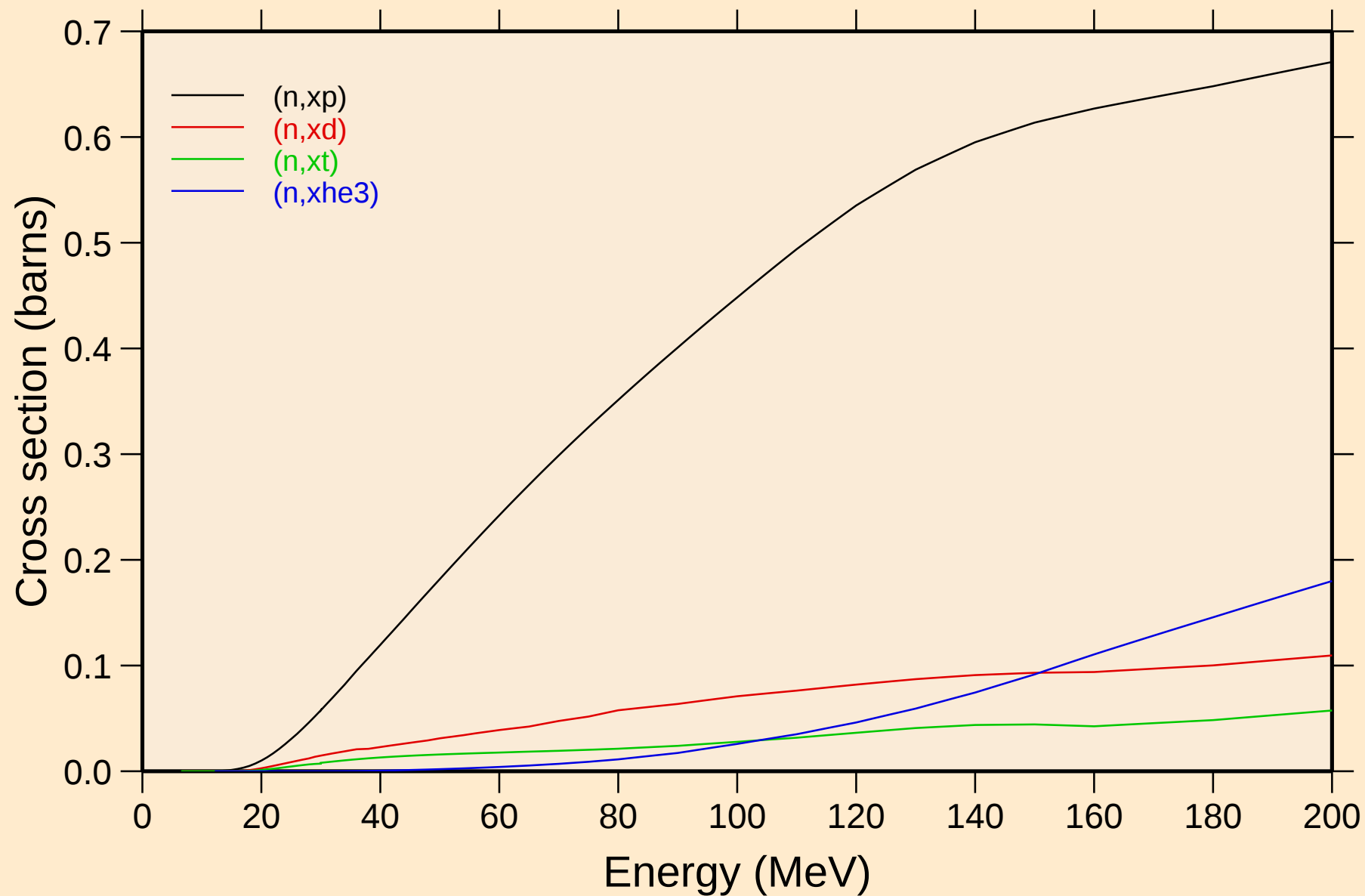
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## Threshold reactions

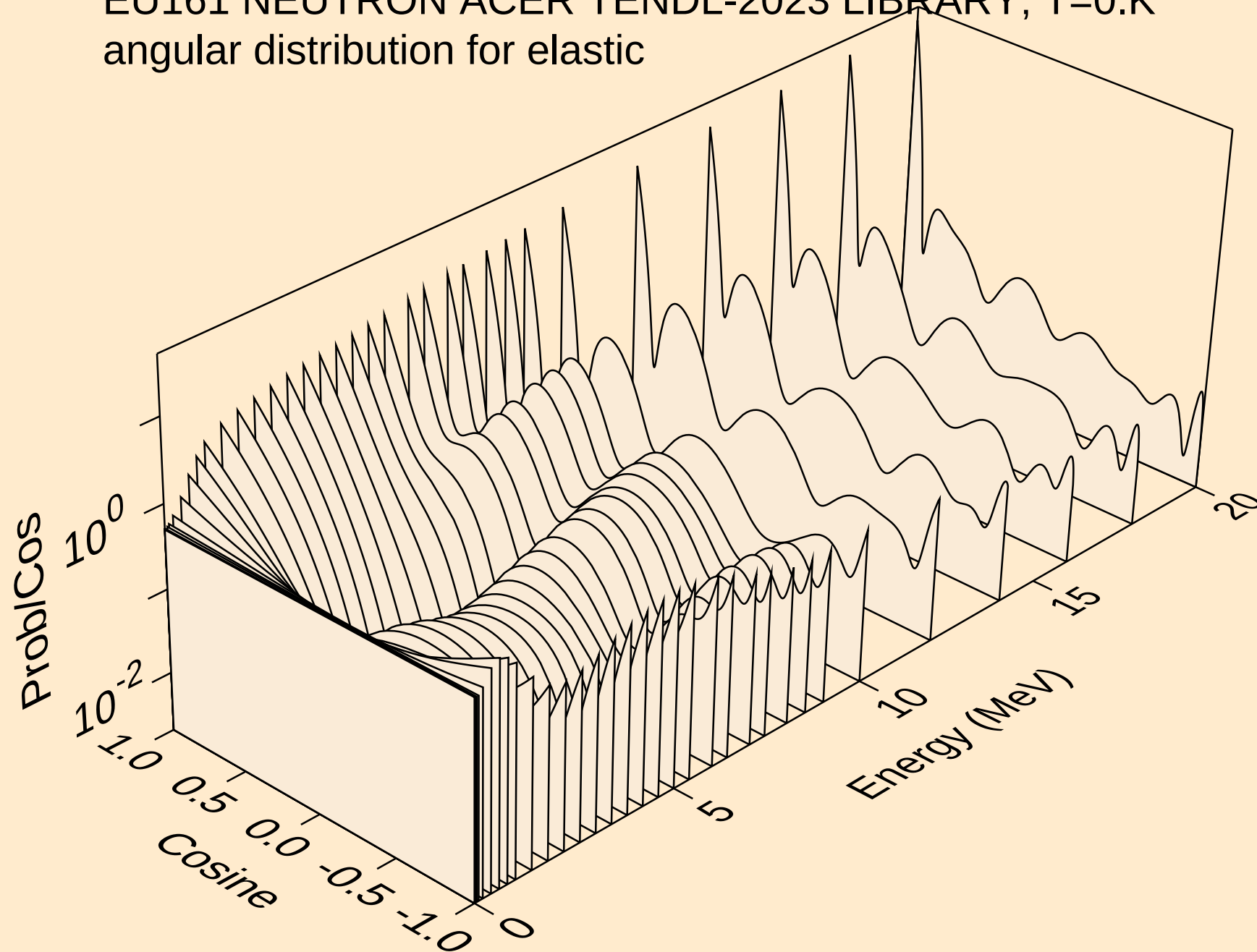


# EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

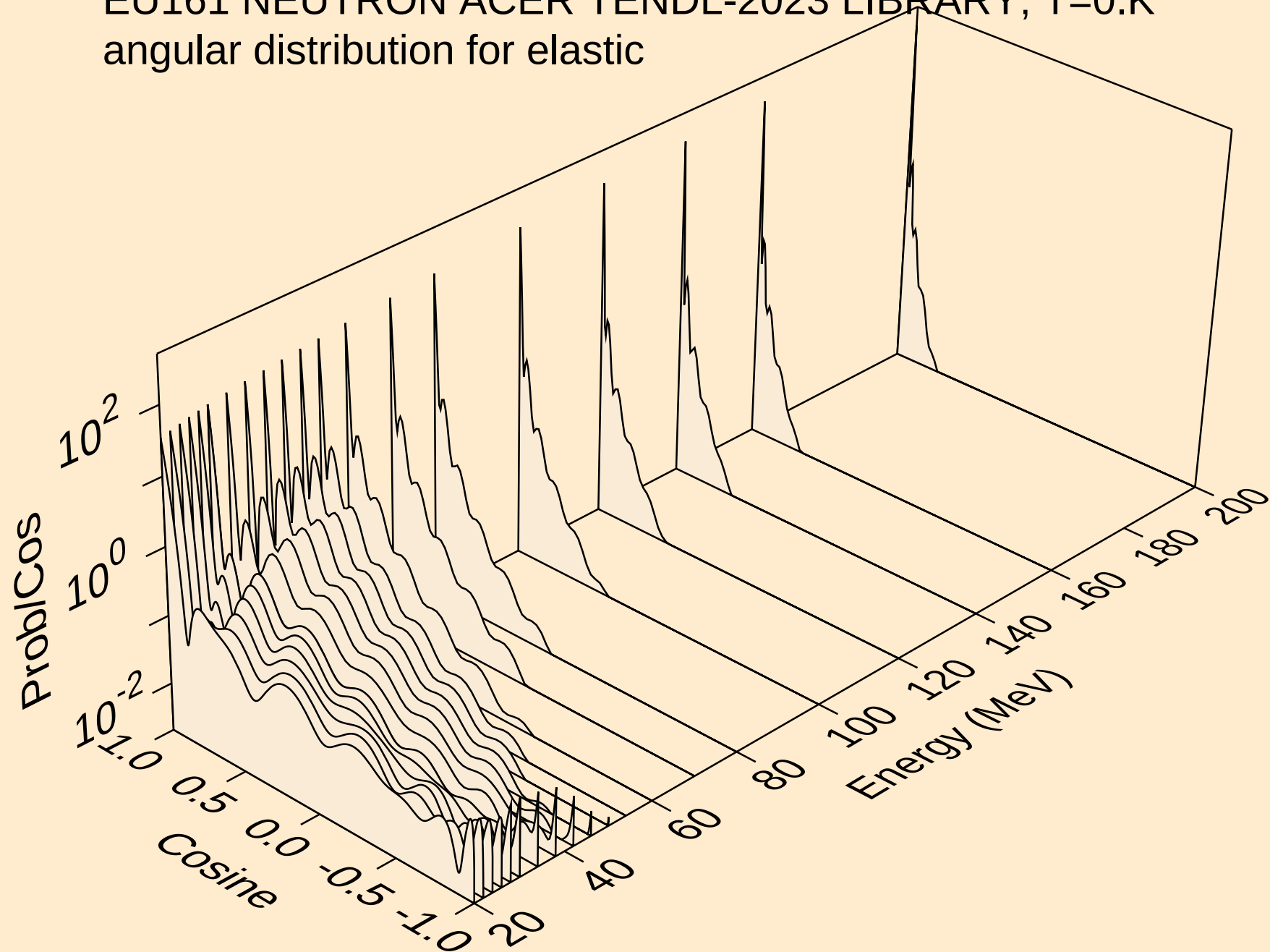
## Threshold reactions



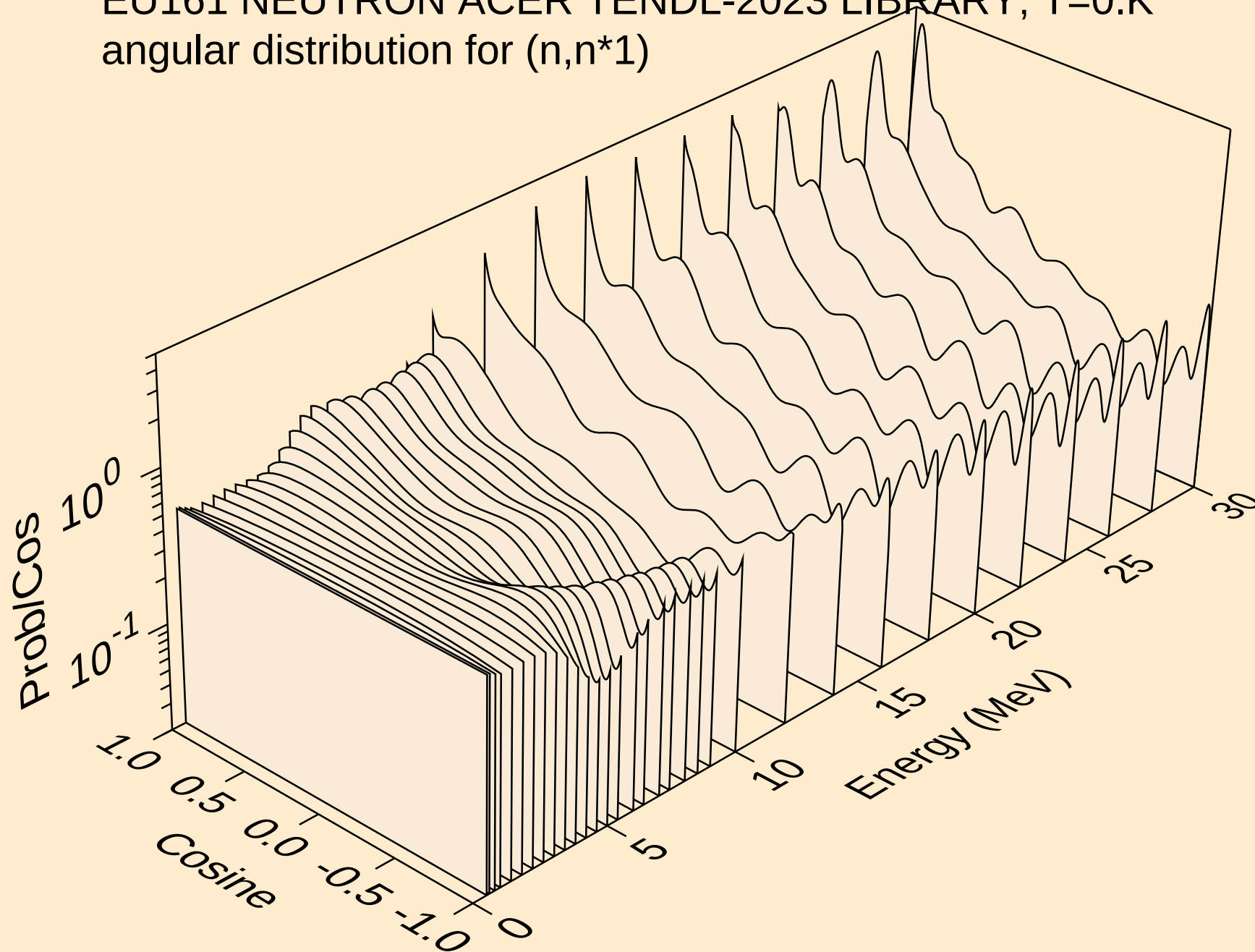
EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



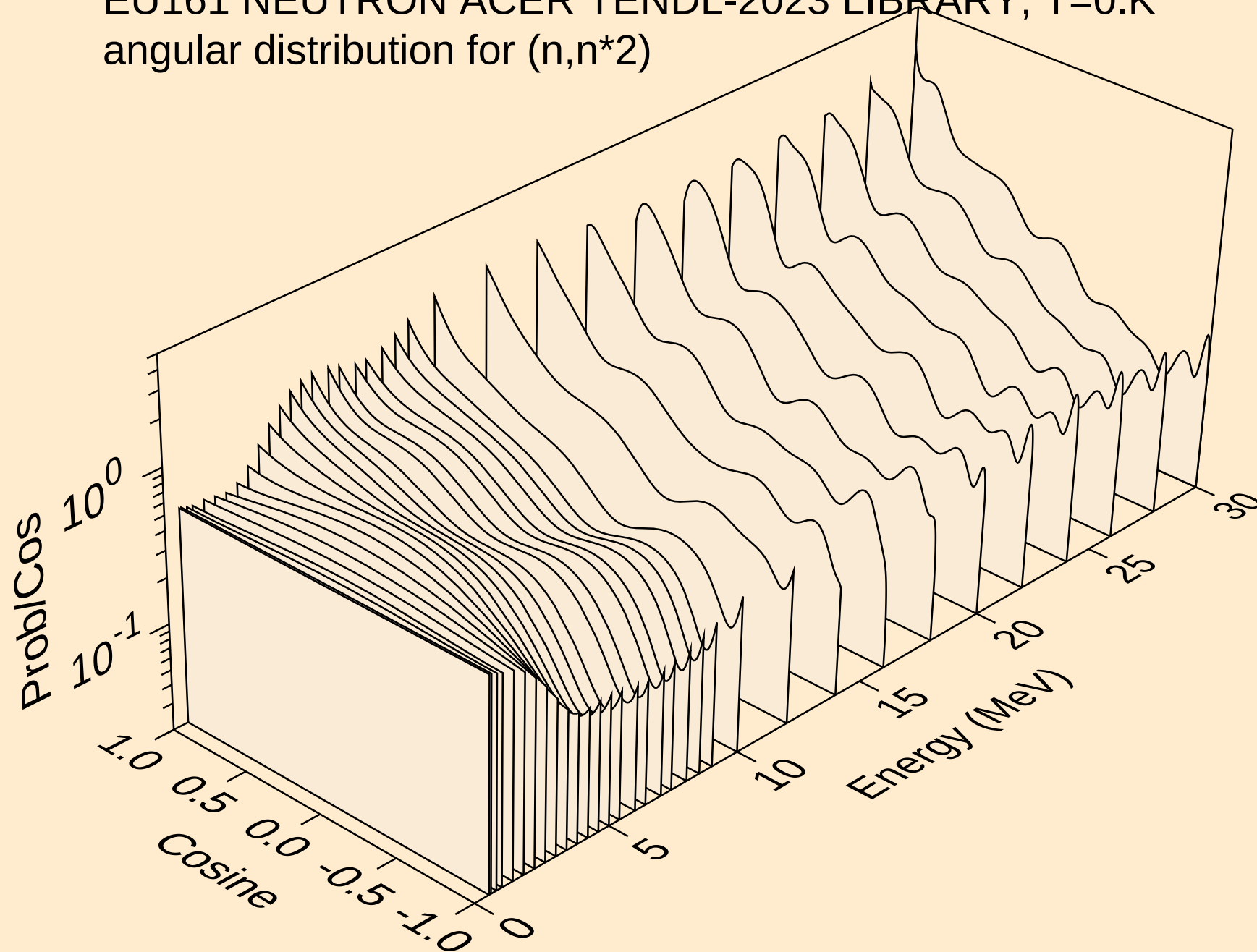
EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



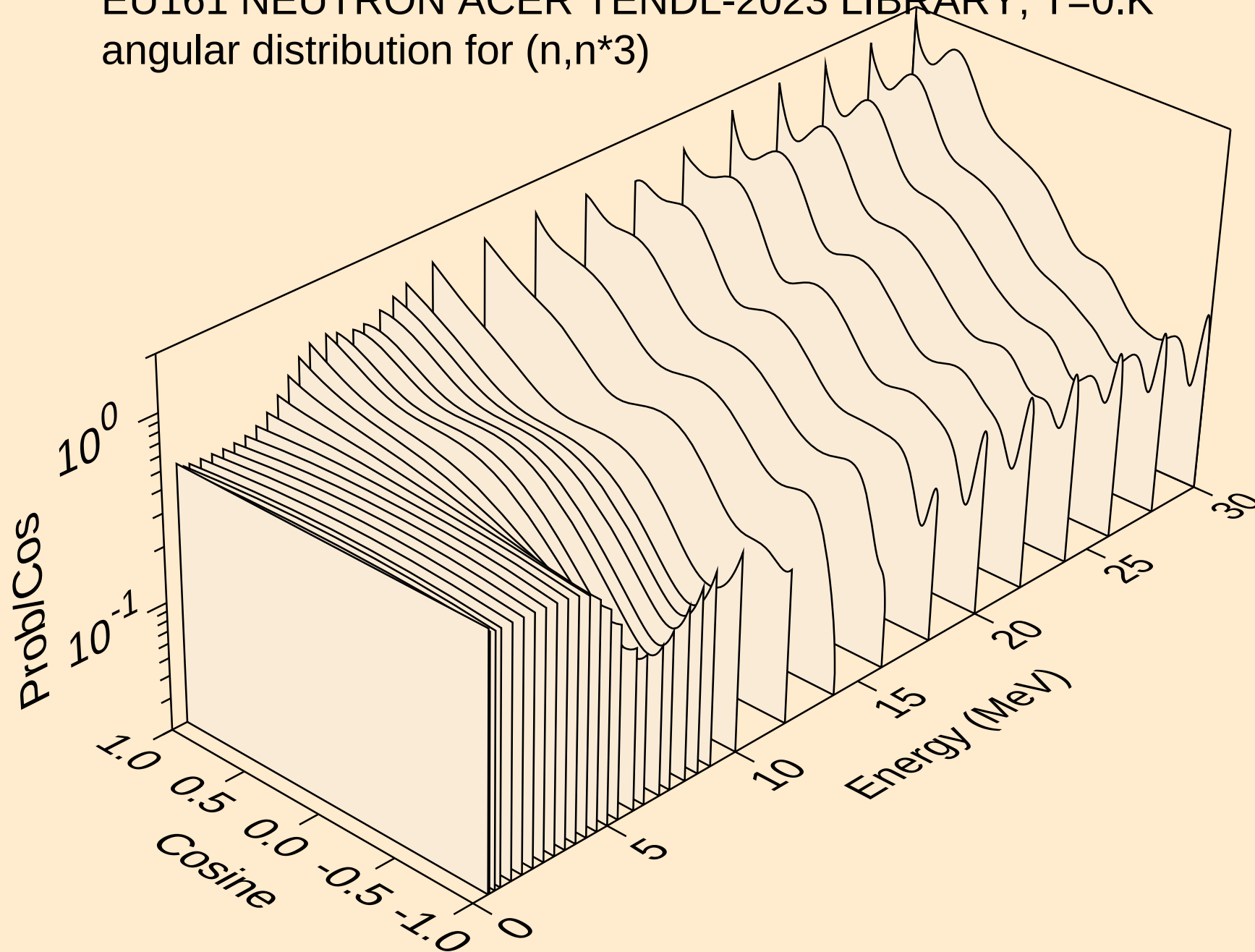
EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



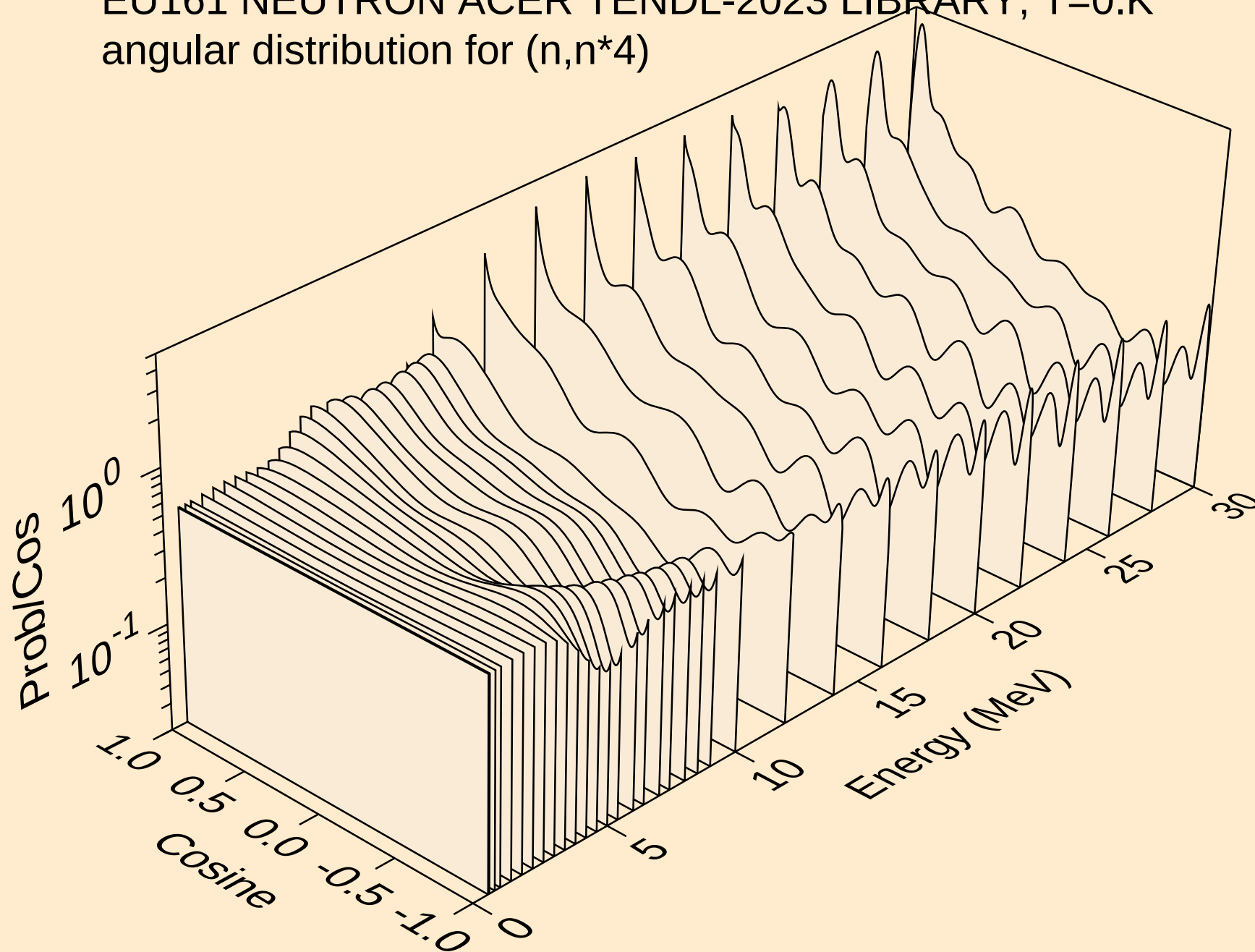
EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



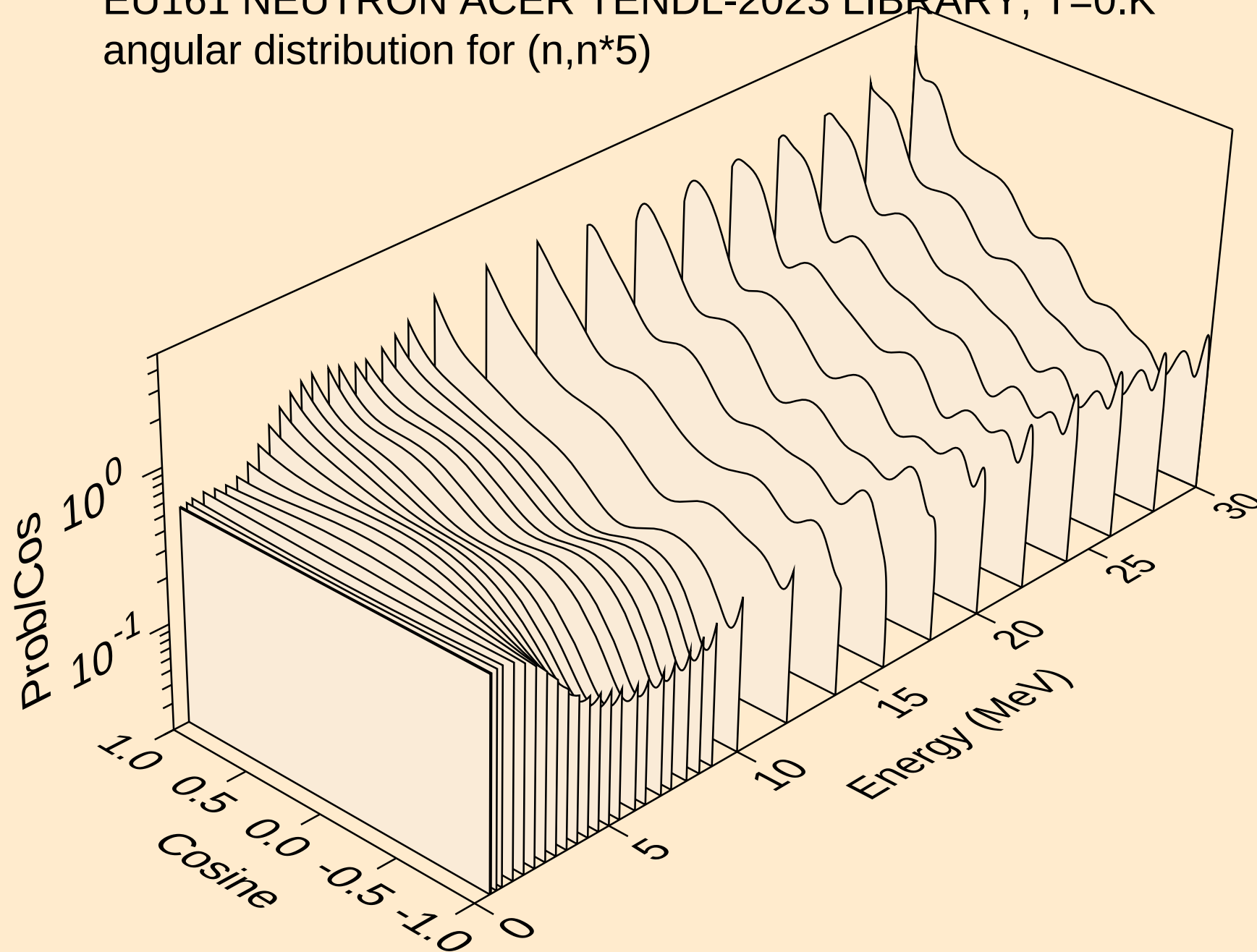
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angular distribution for (n,n\*3)



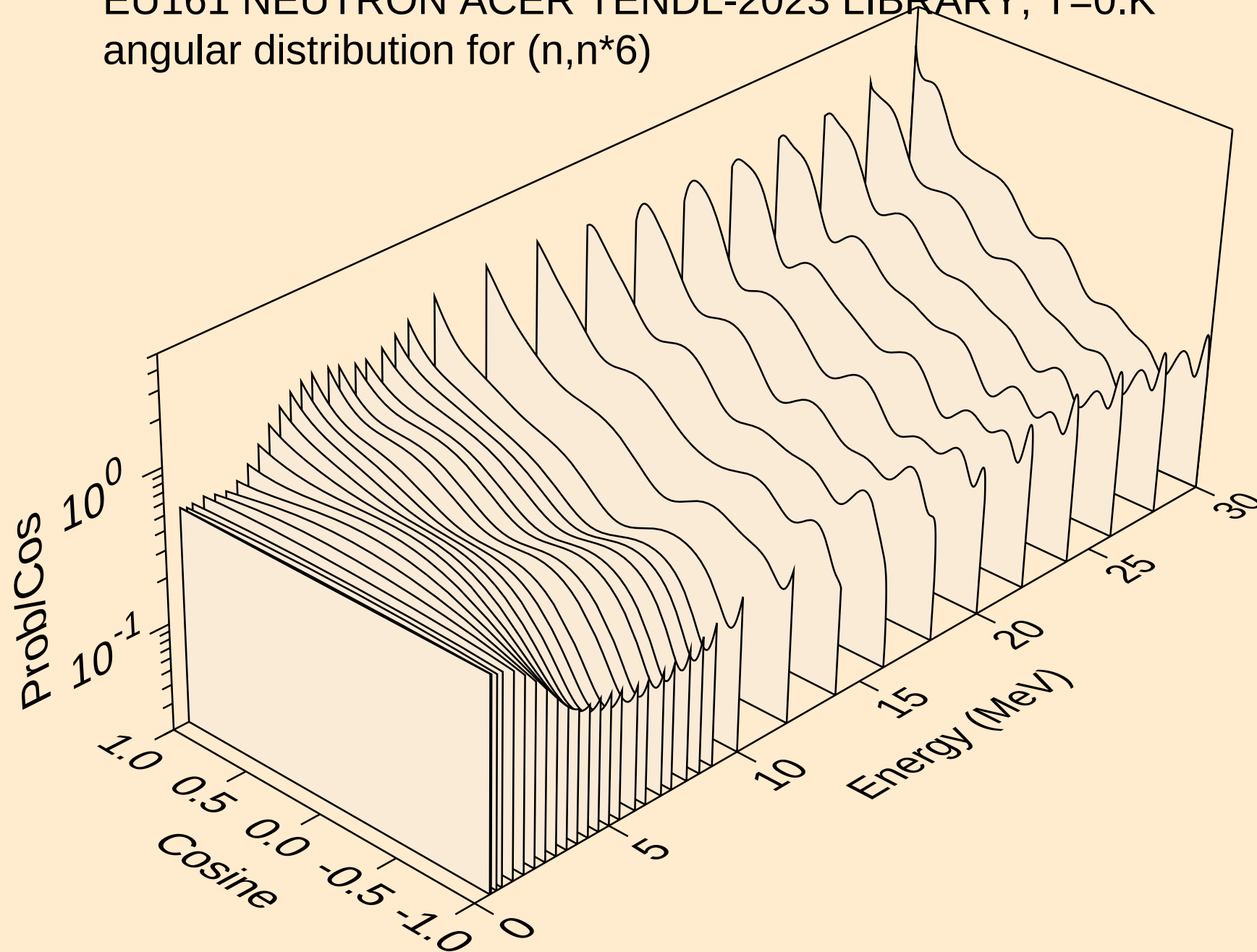
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angular distribution for (n,n\*4)



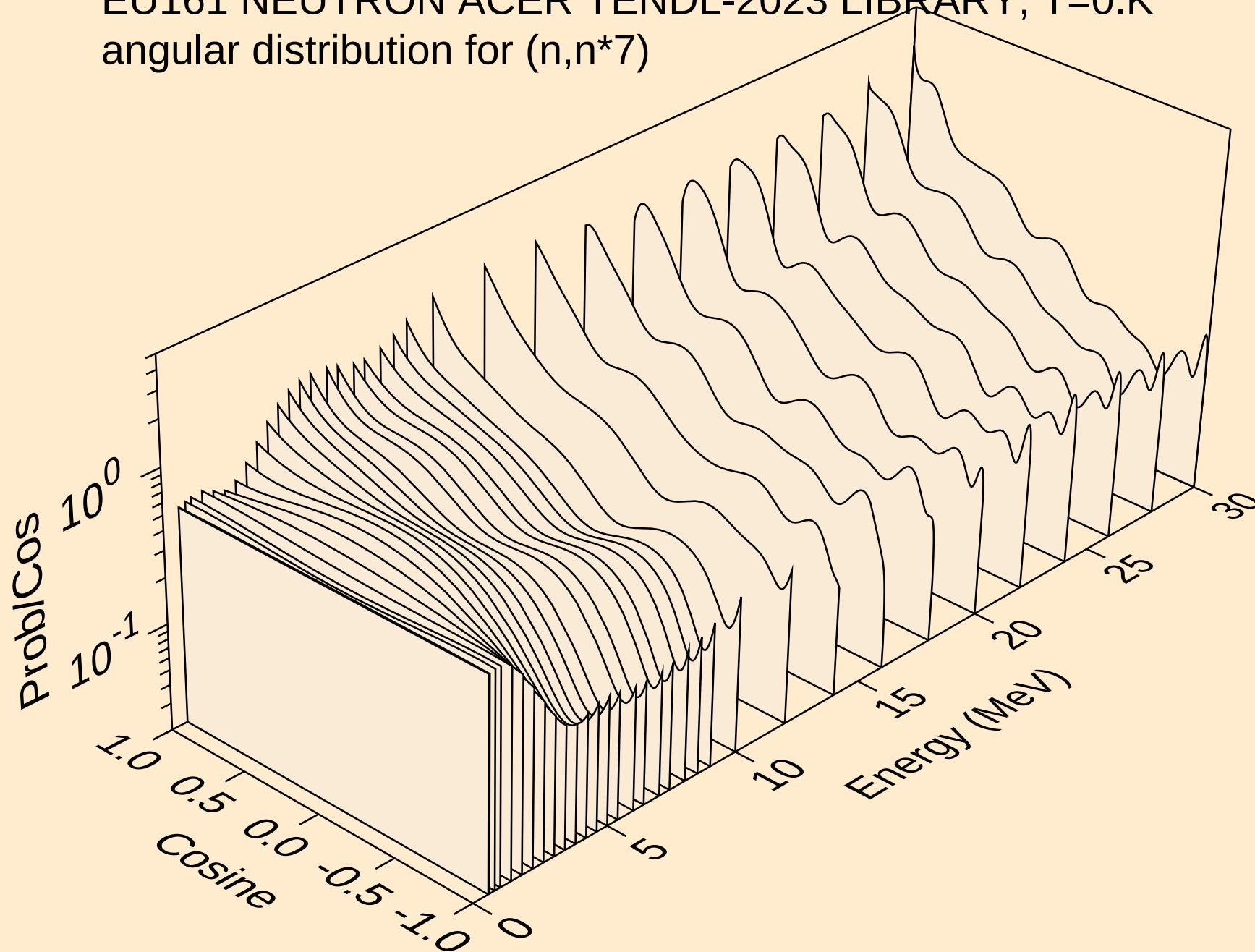
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angular distribution for (n,n\*5)



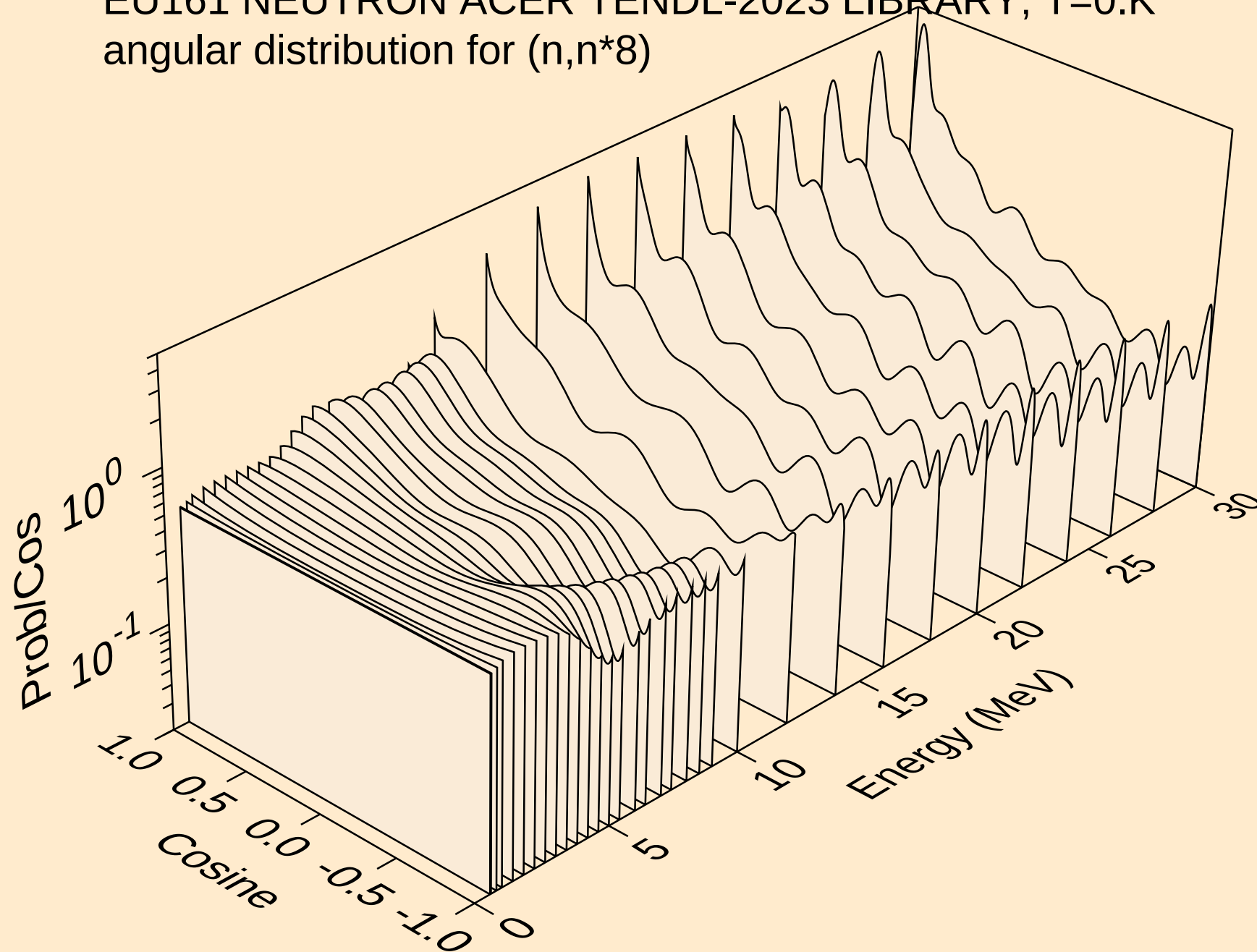
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angular distribution for (n,n\*6)



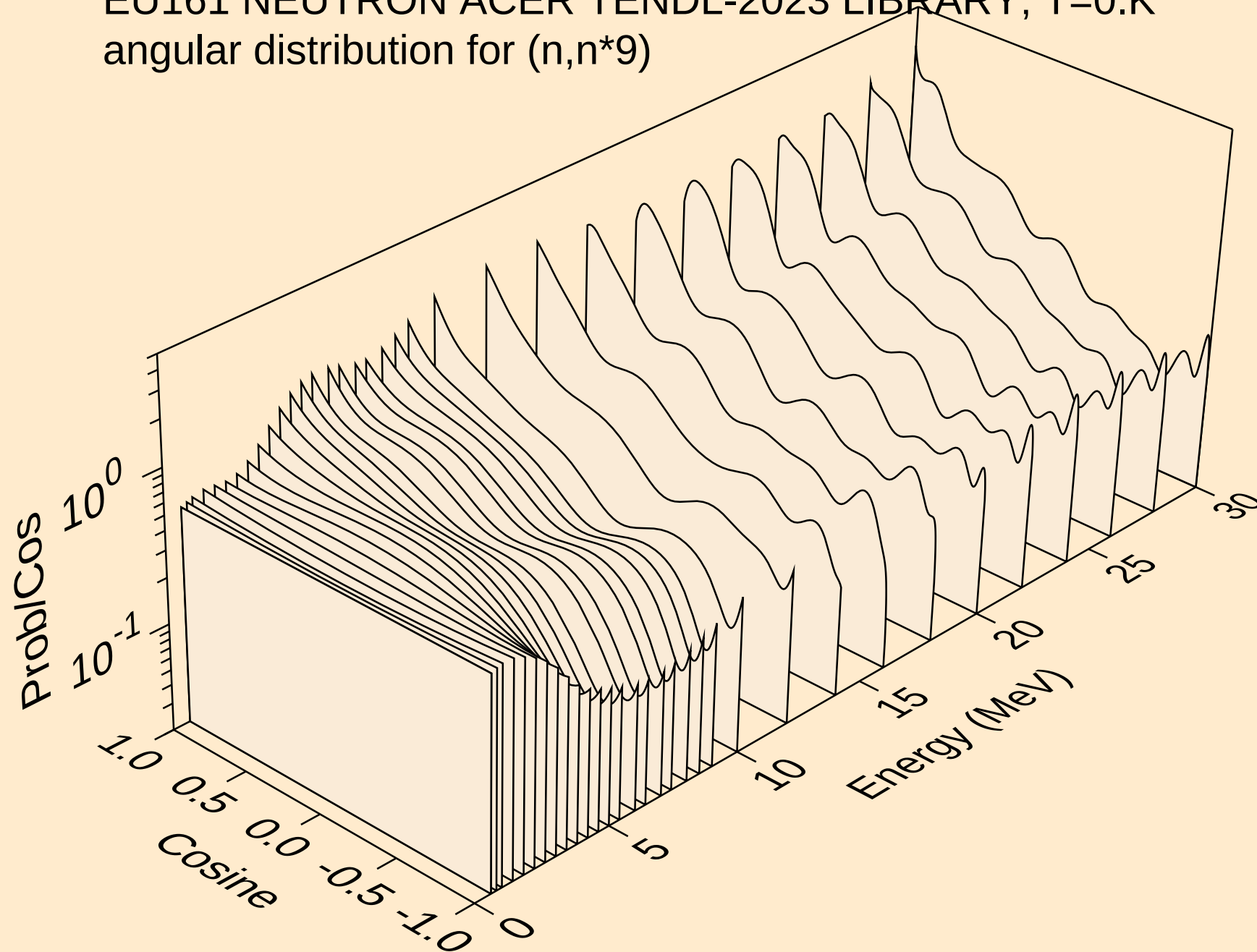
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angular distribution for (n,n\*7)



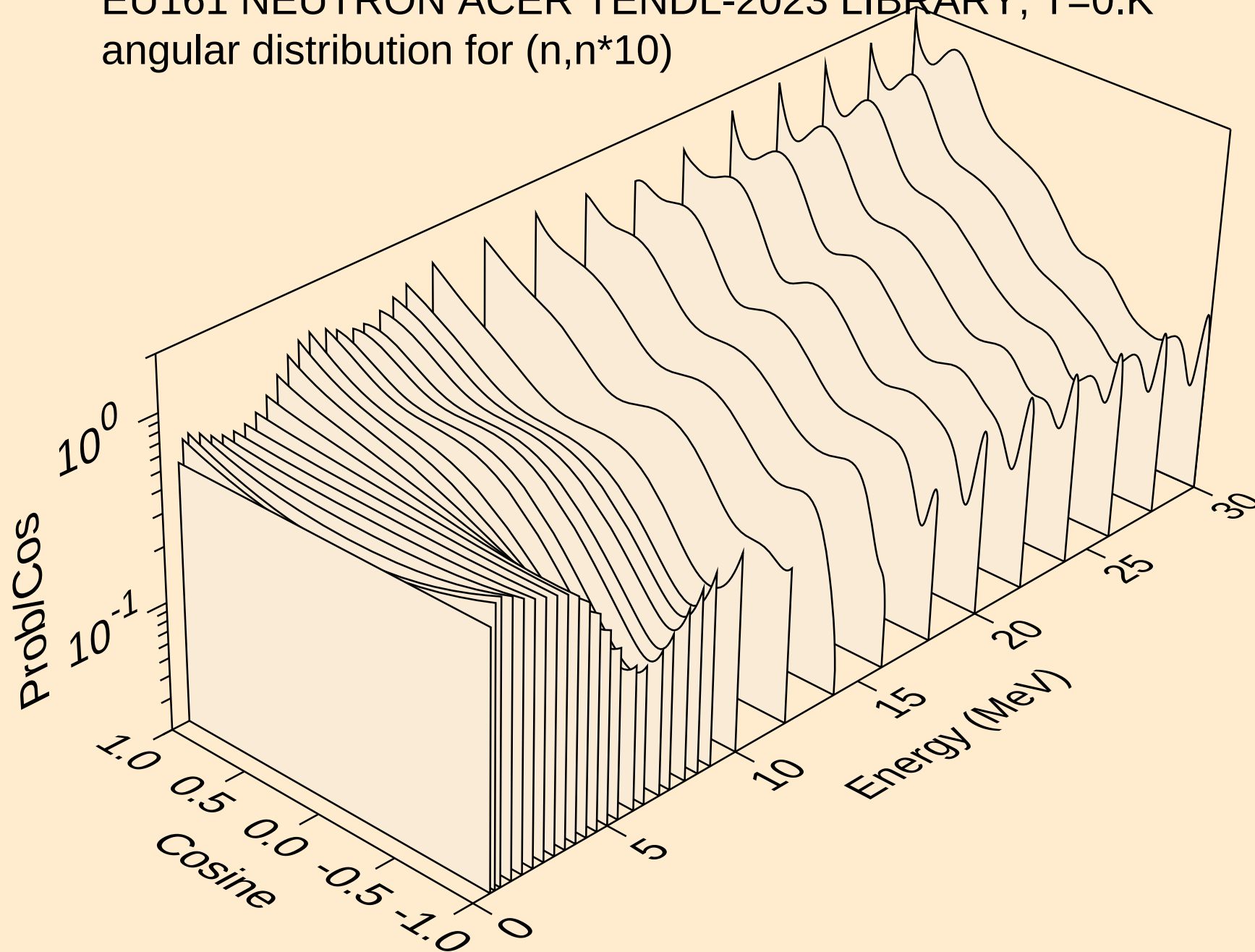
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angular distribution for (n,n\*8)



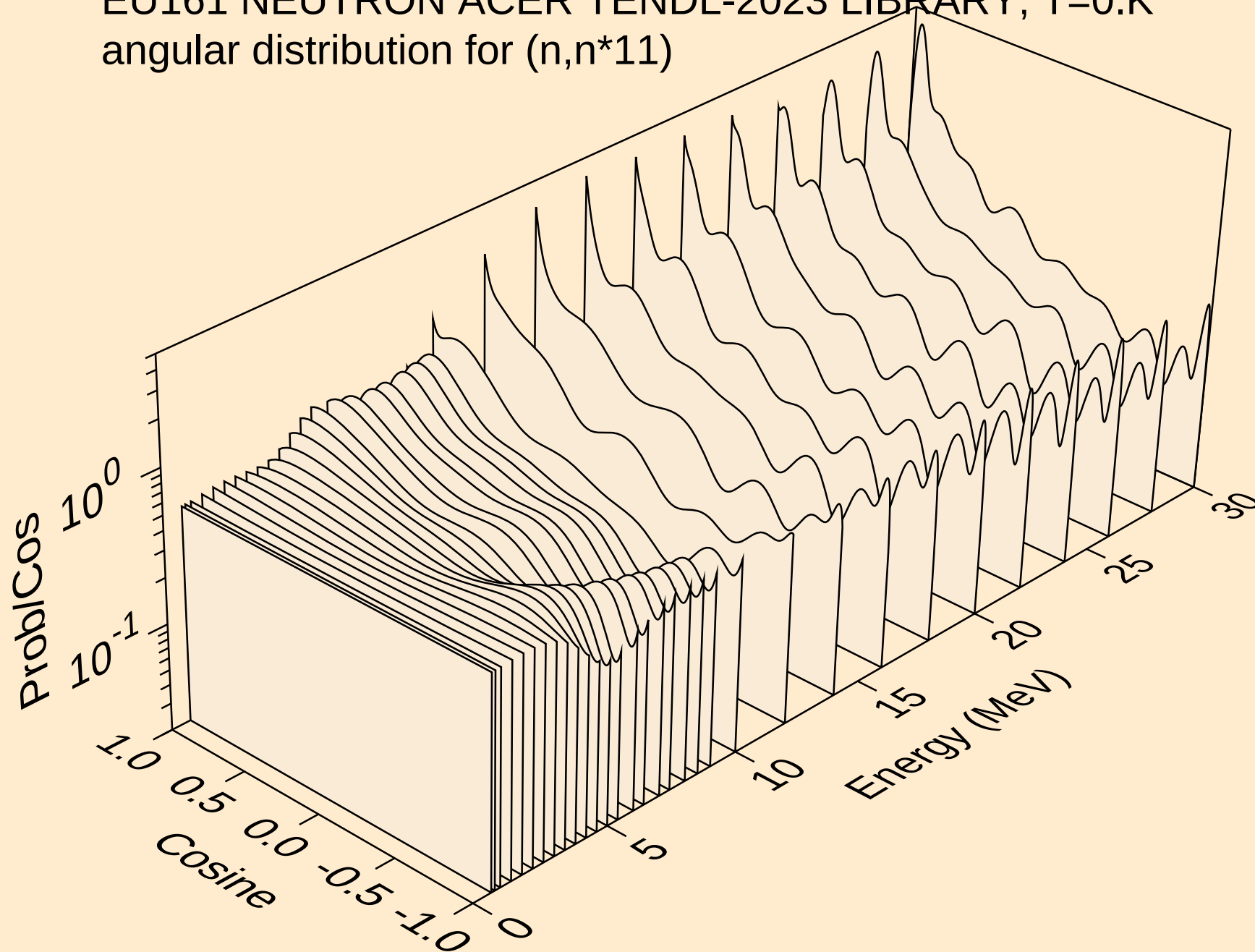
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angular distribution for (n,n\*9)



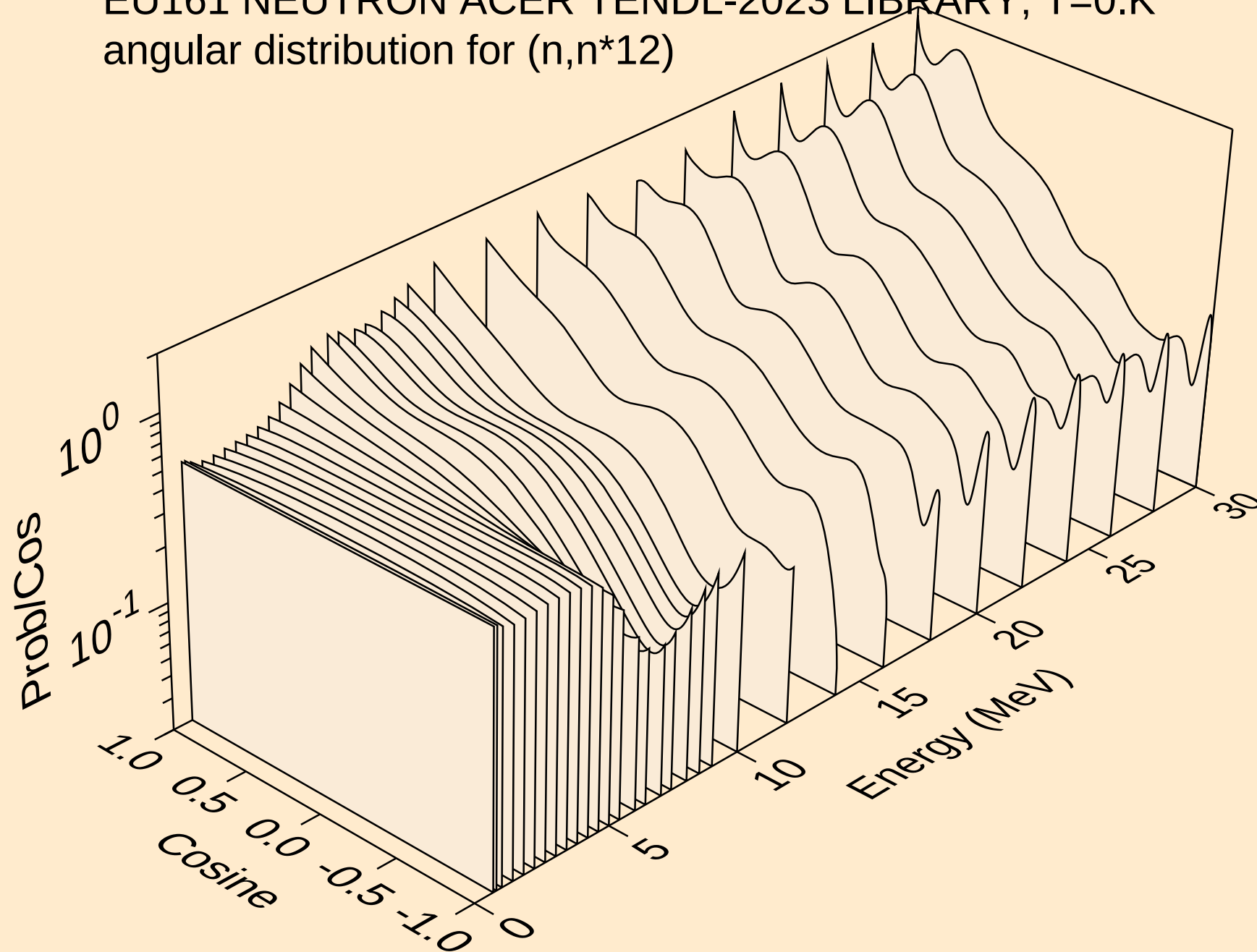
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angular distribution for (n,n\*10)



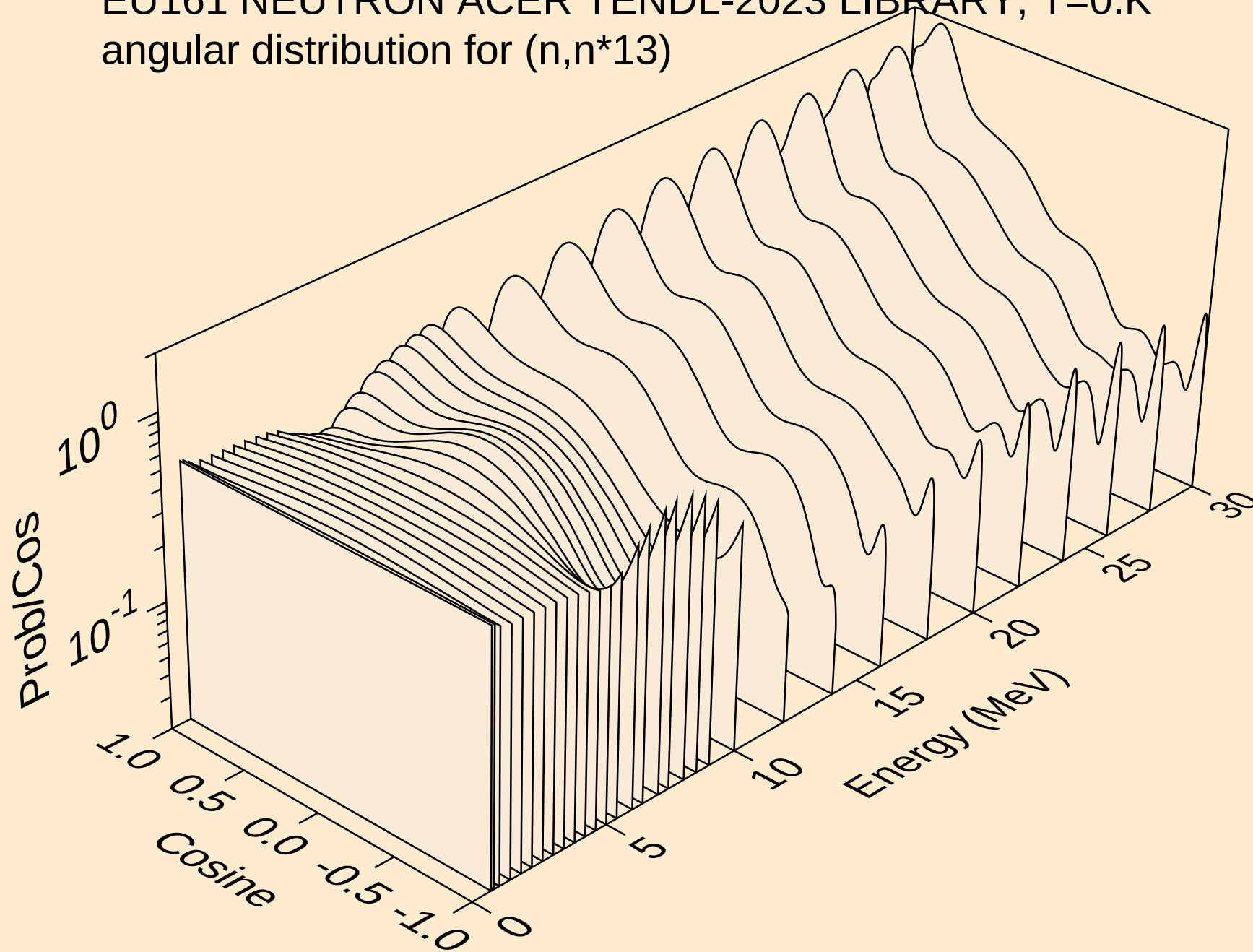
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angular distribution for (n,n\*11)



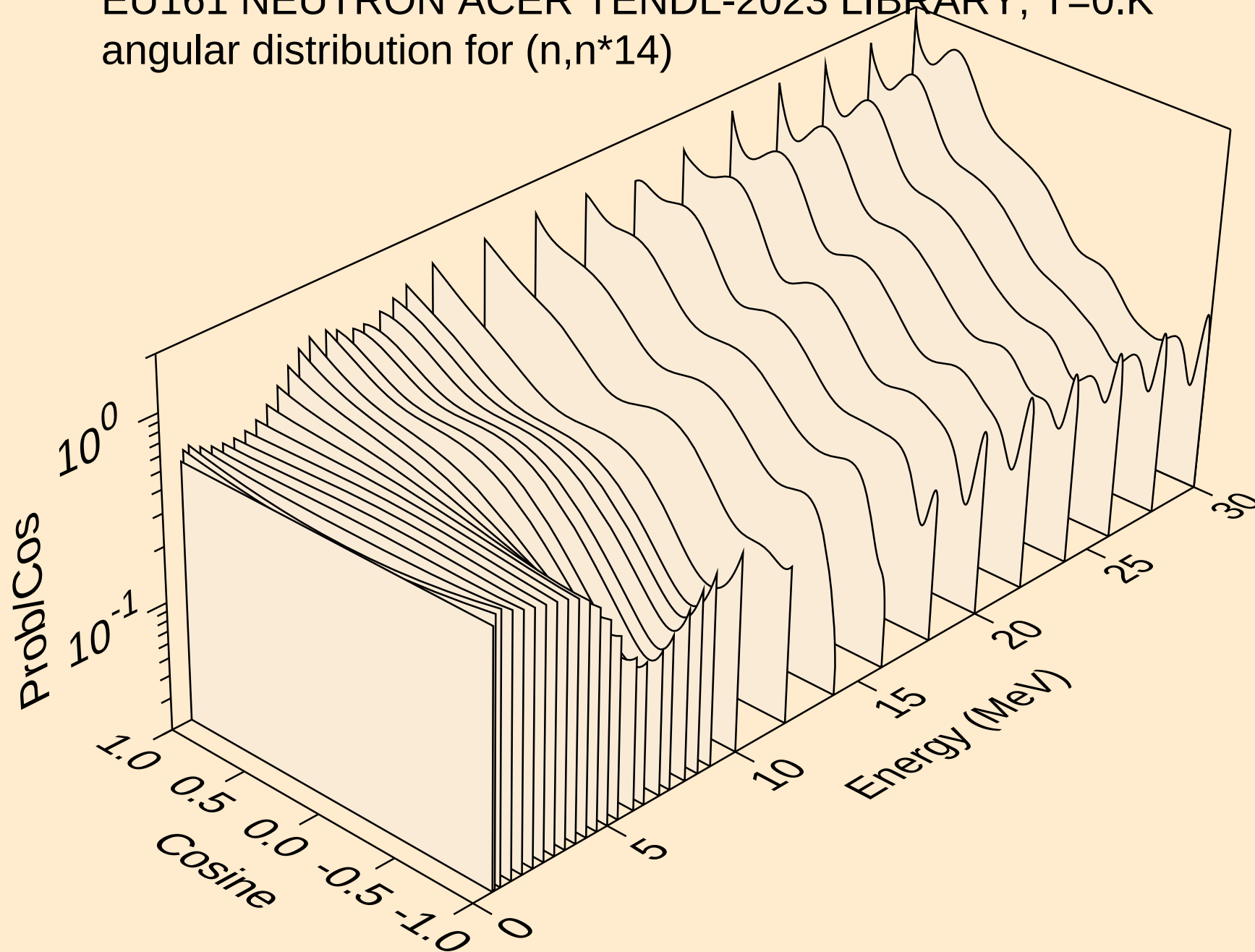
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angular distribution for (n,n\*12)



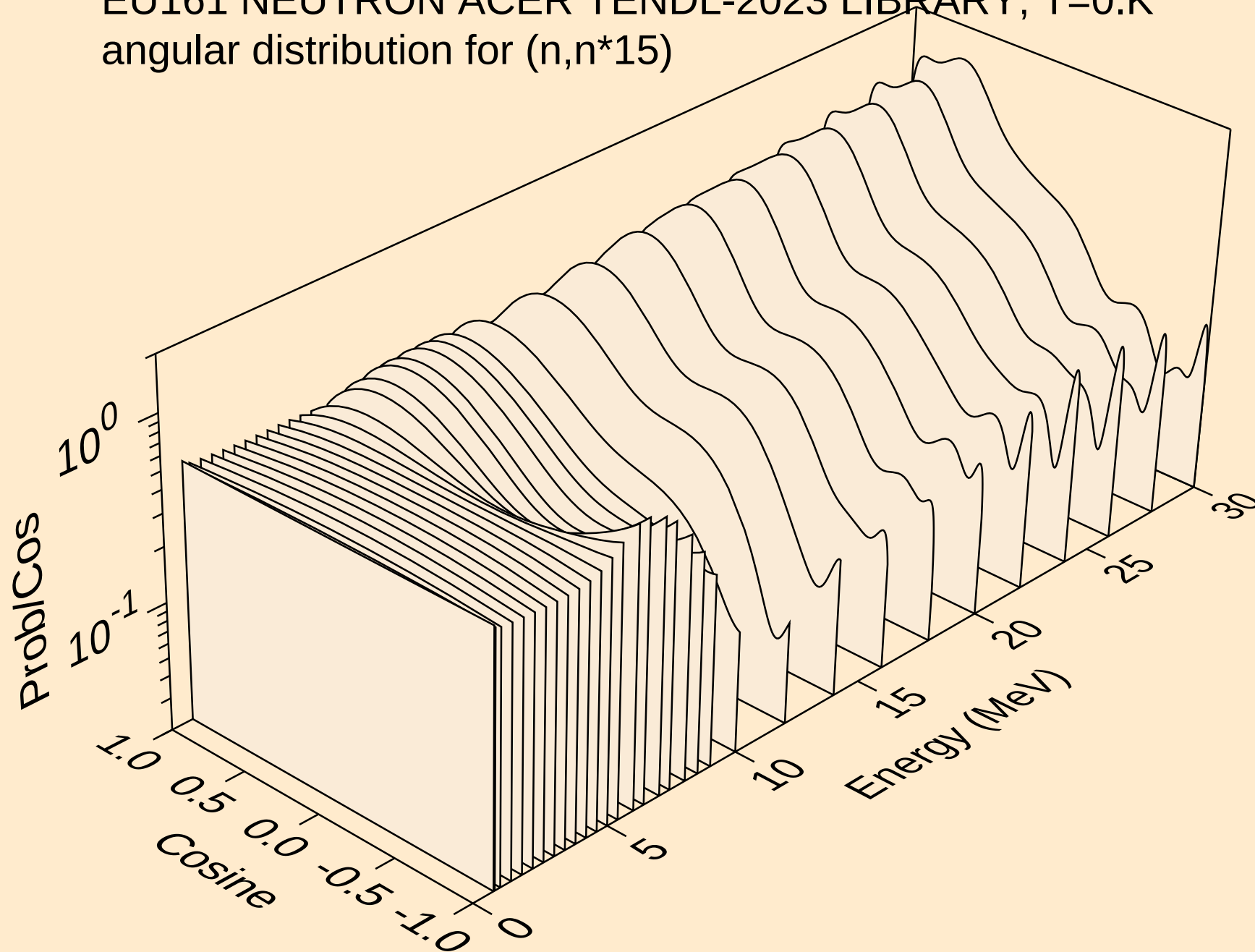
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angular distribution for (n,n\*13)



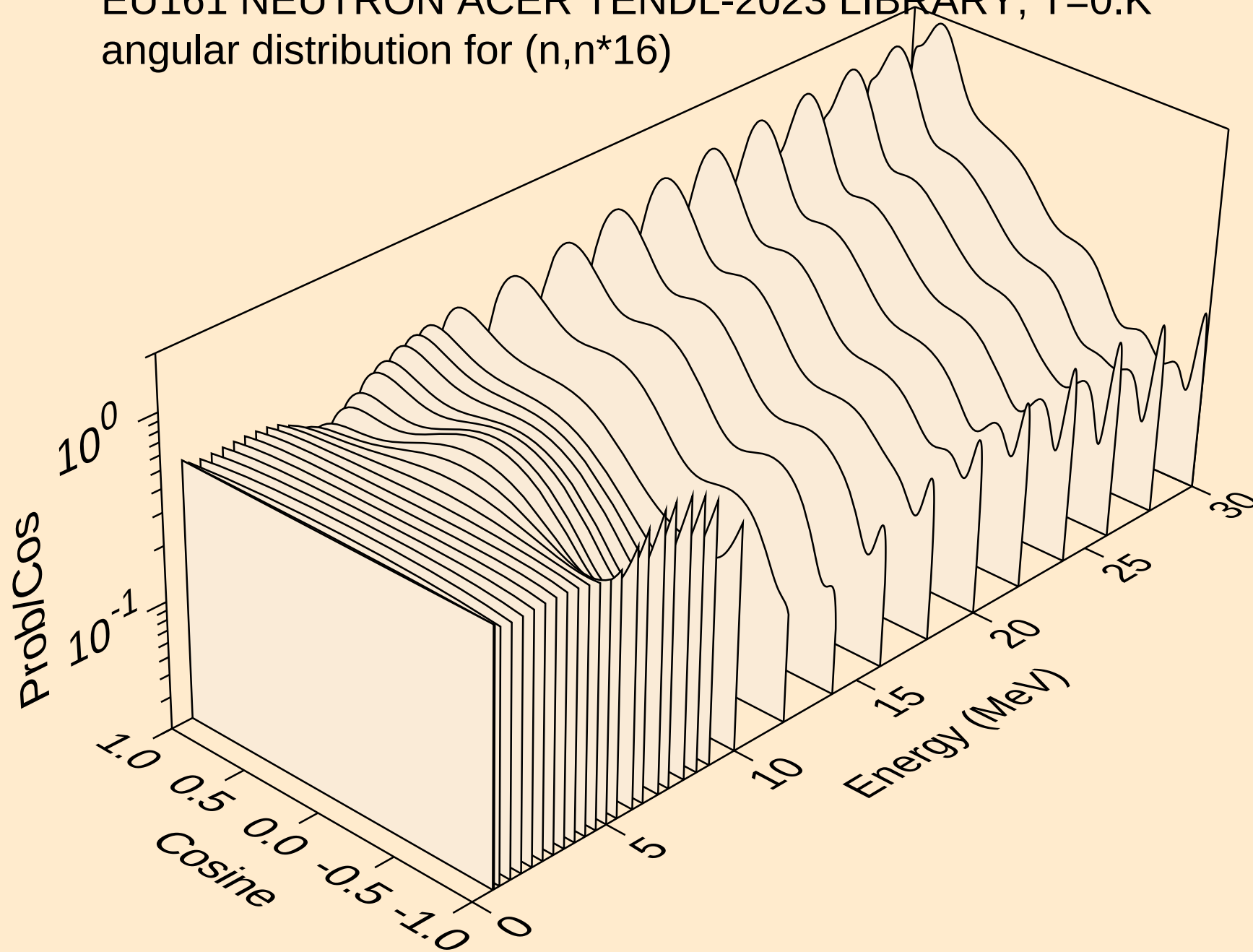
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angular distribution for (n,n\*14)



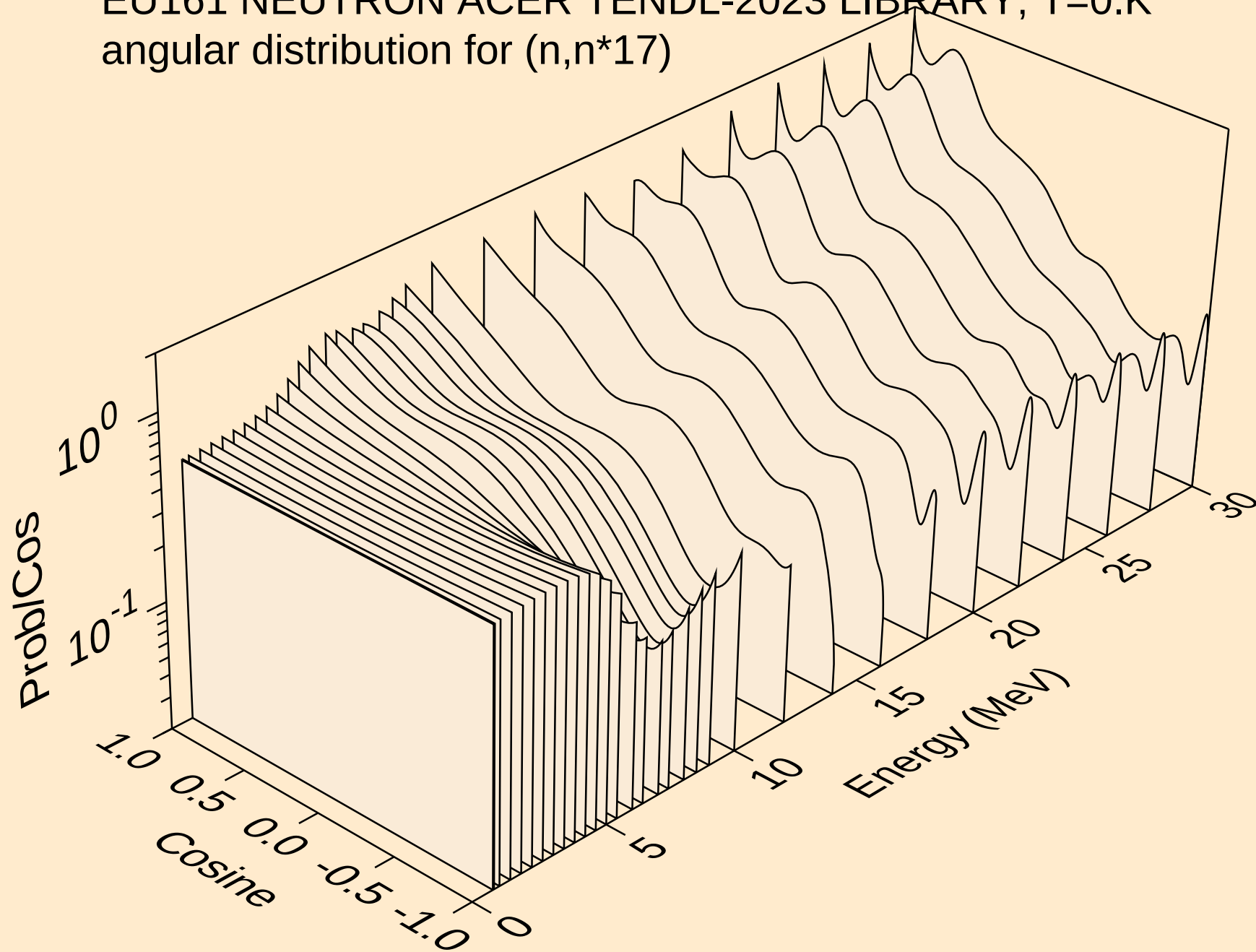
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angular distribution for (n,n\*15)



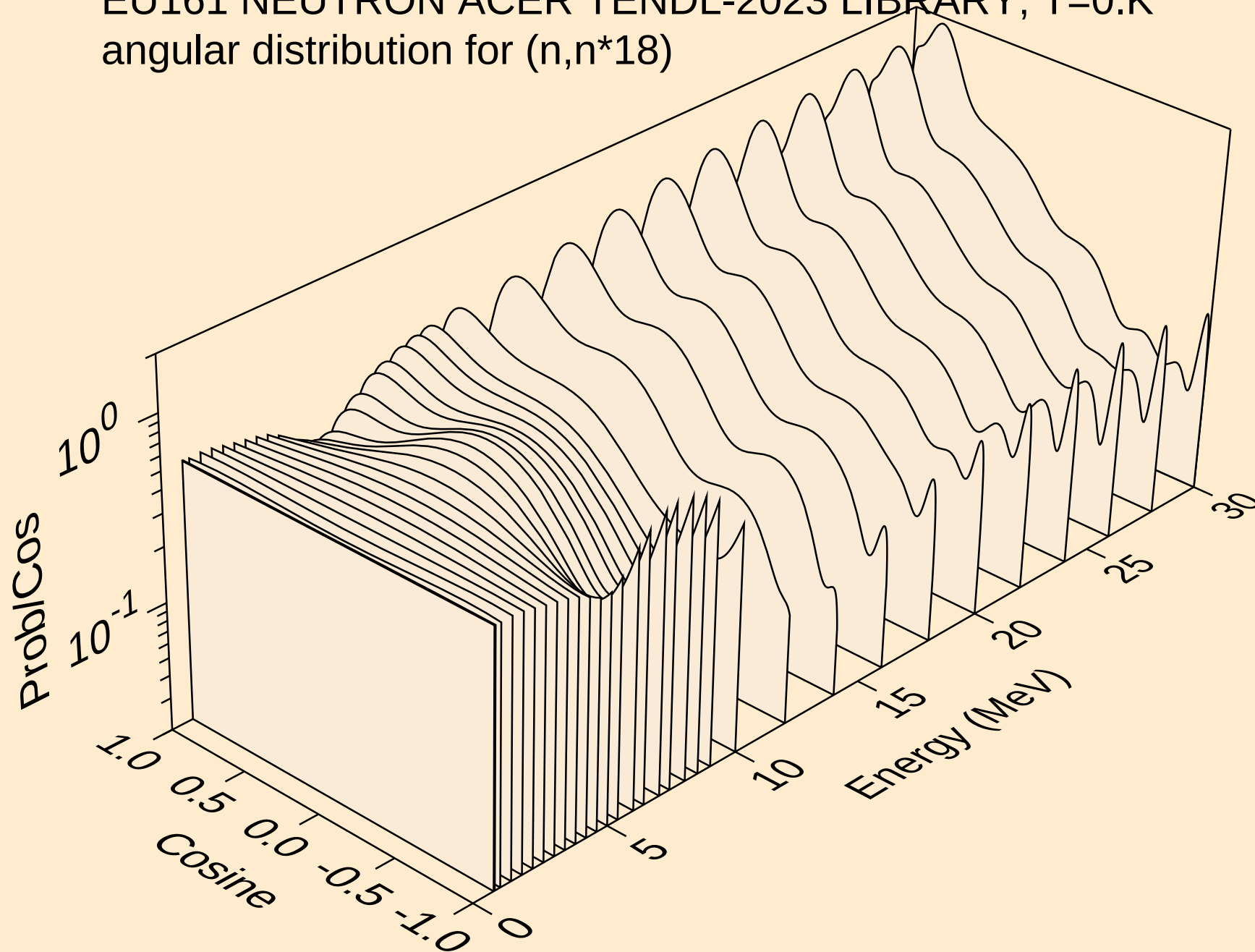
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angular distribution for (n,n\*16)



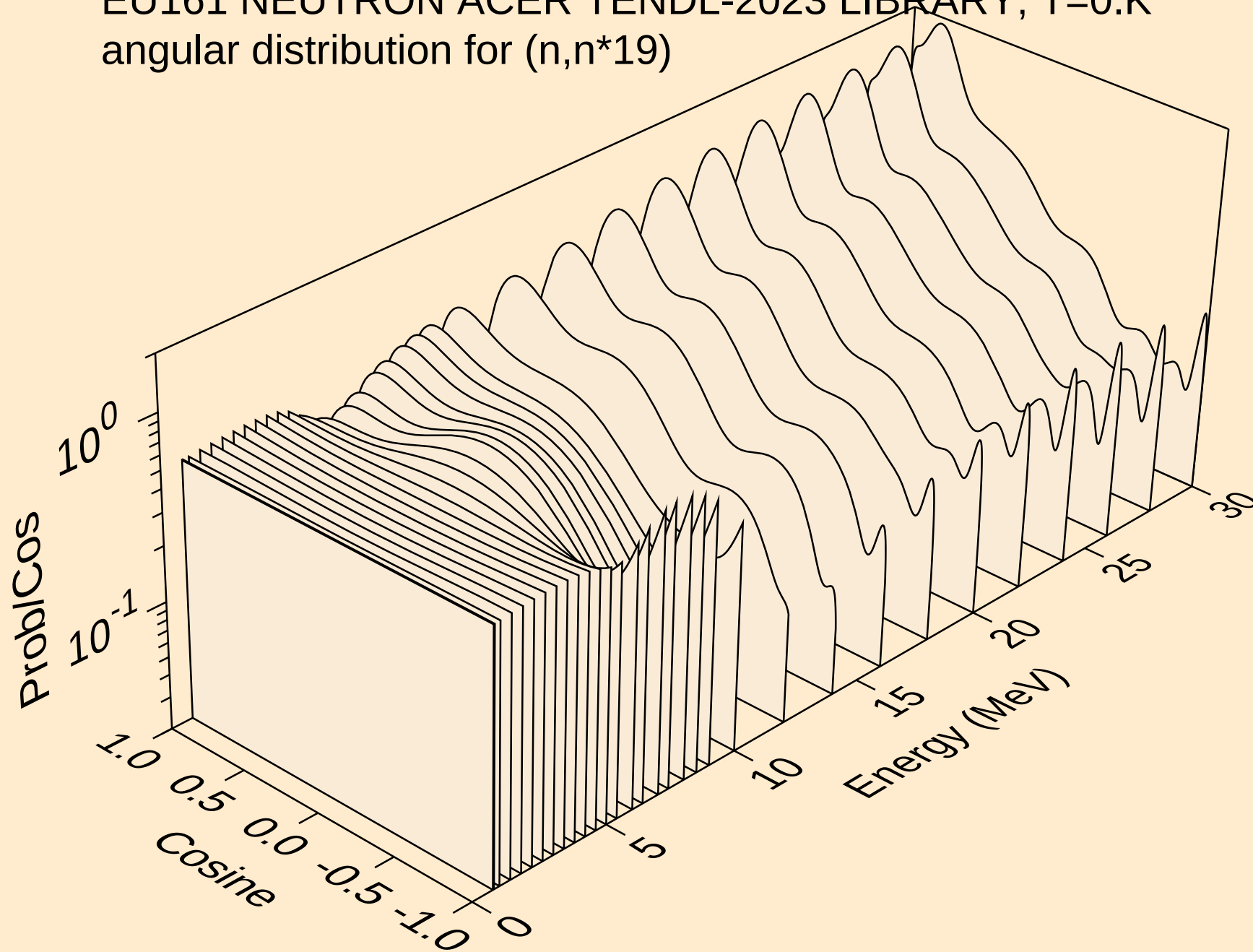
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angular distribution for (n,n\*17)



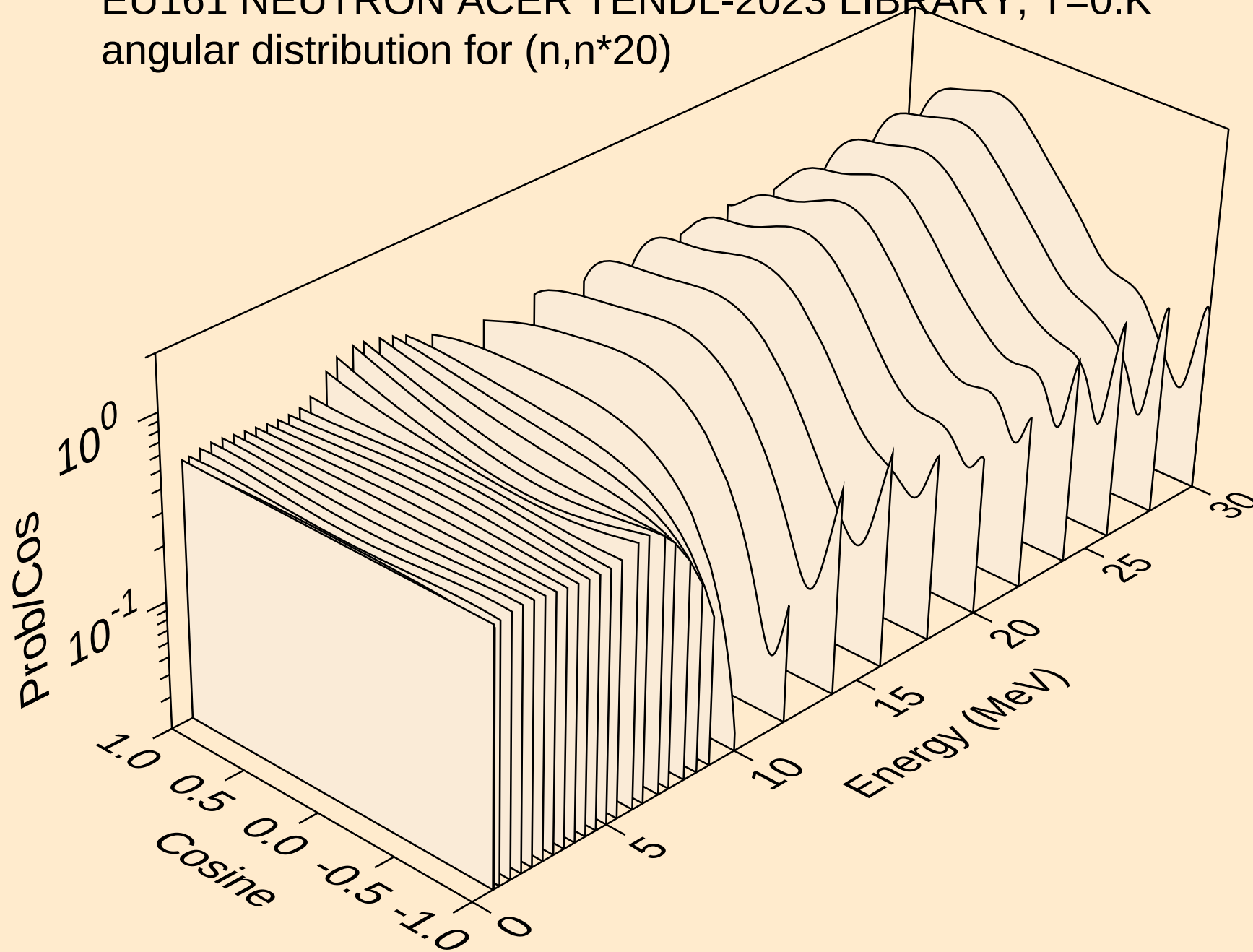
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angular distribution for (n,n\*18)



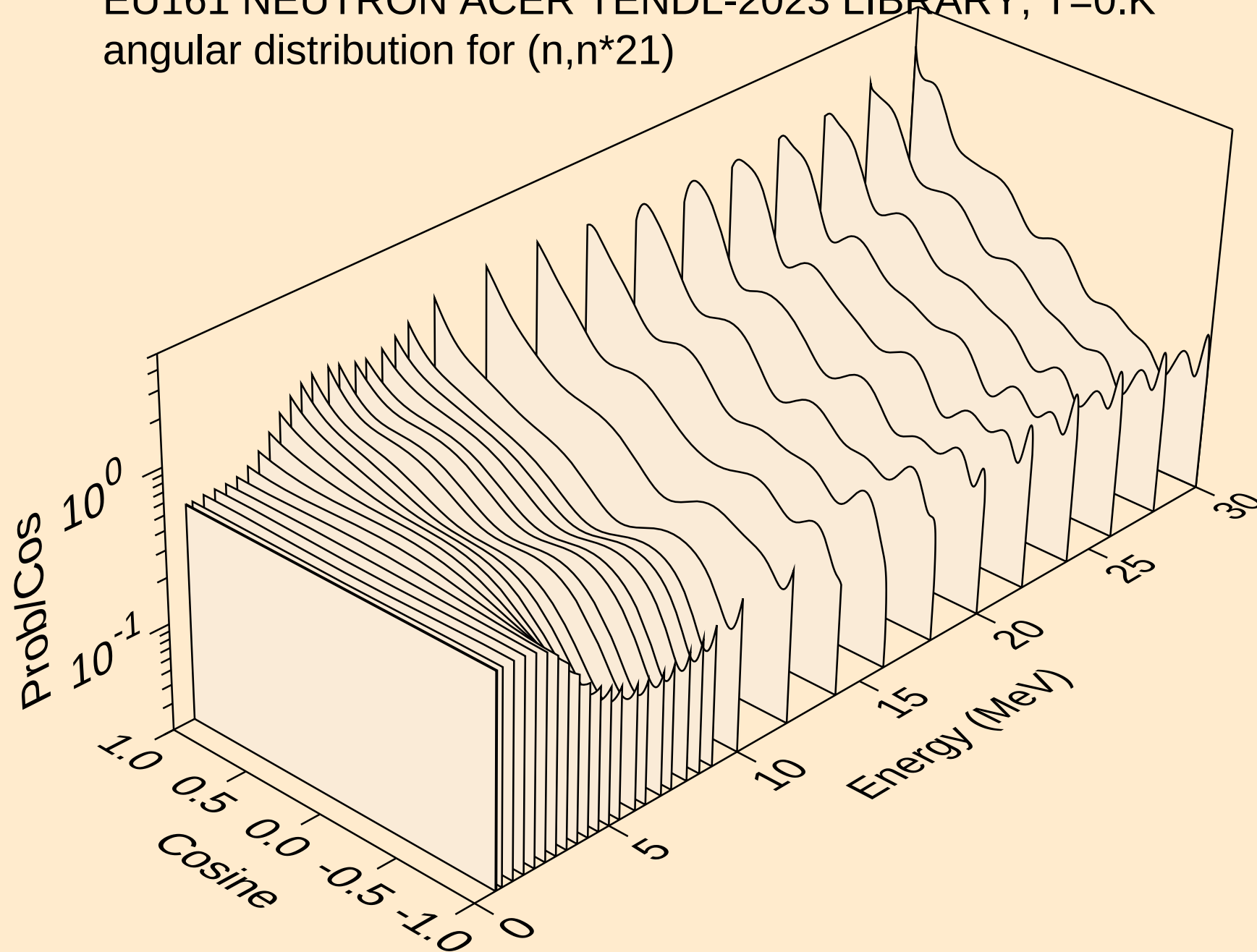
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angular distribution for (n,n\*19)



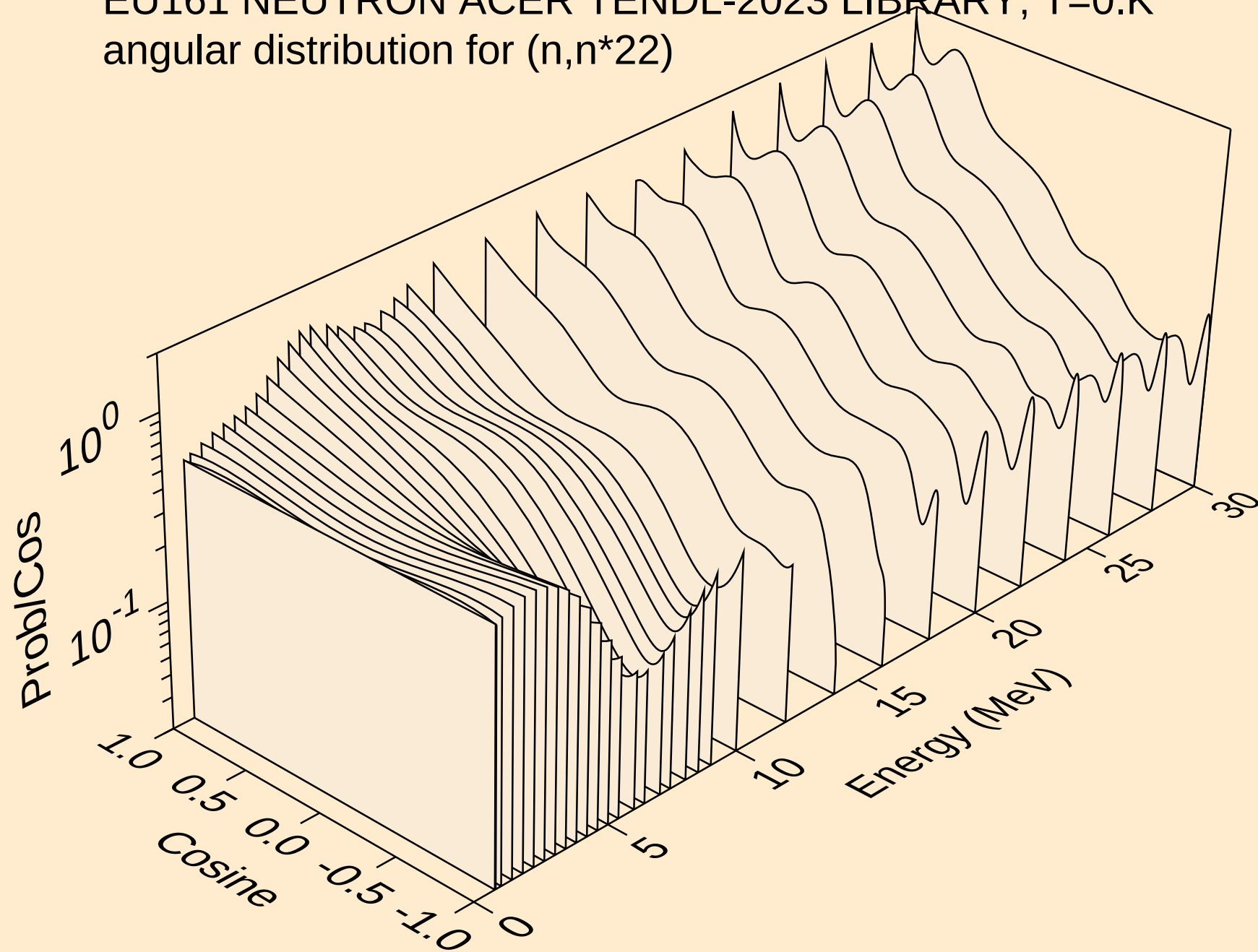
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angular distribution for (n,n\*20)



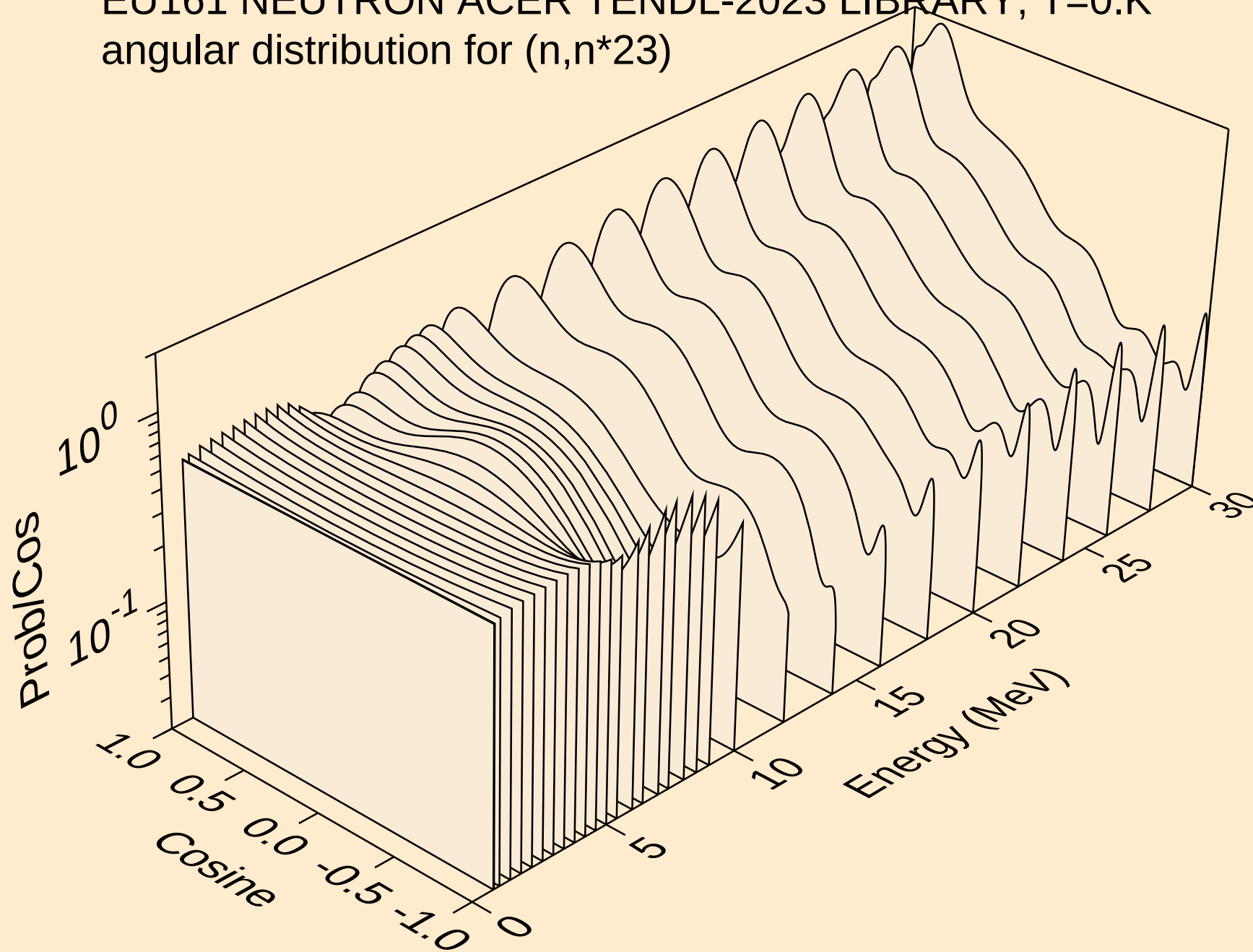
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angular distribution for (n,n\*21)



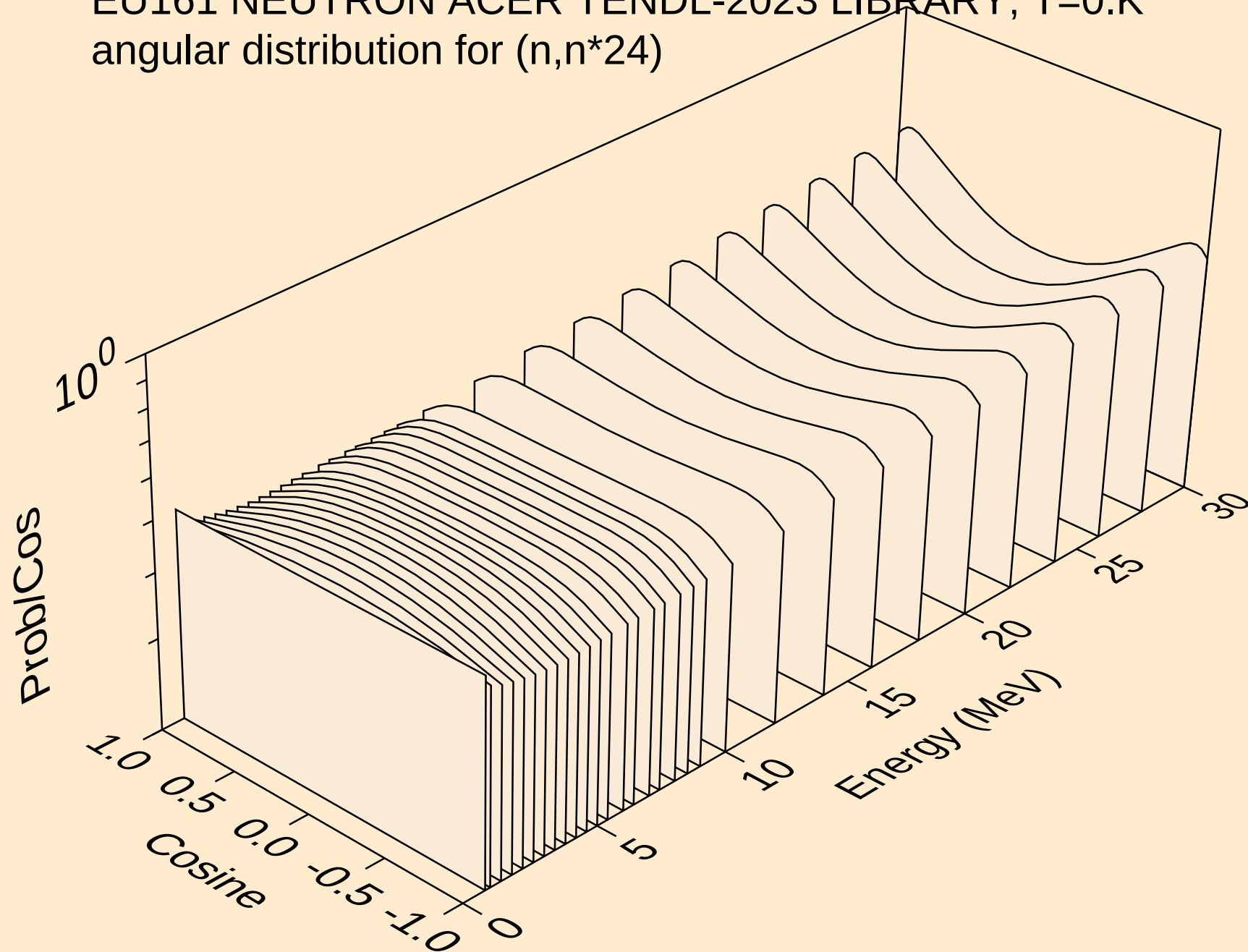
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angular distribution for (n,n\*22)



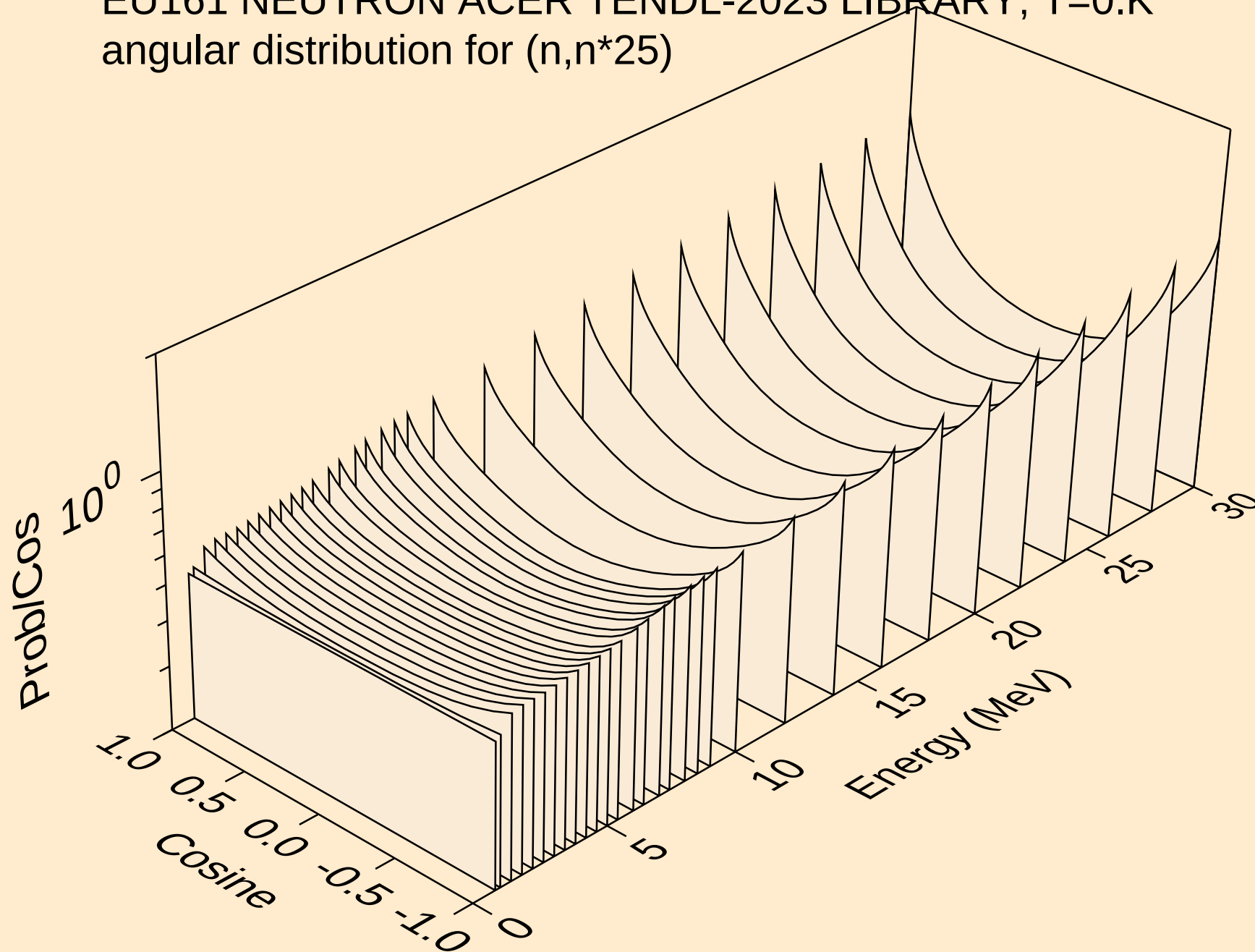
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angular distribution for (n,n\*23)



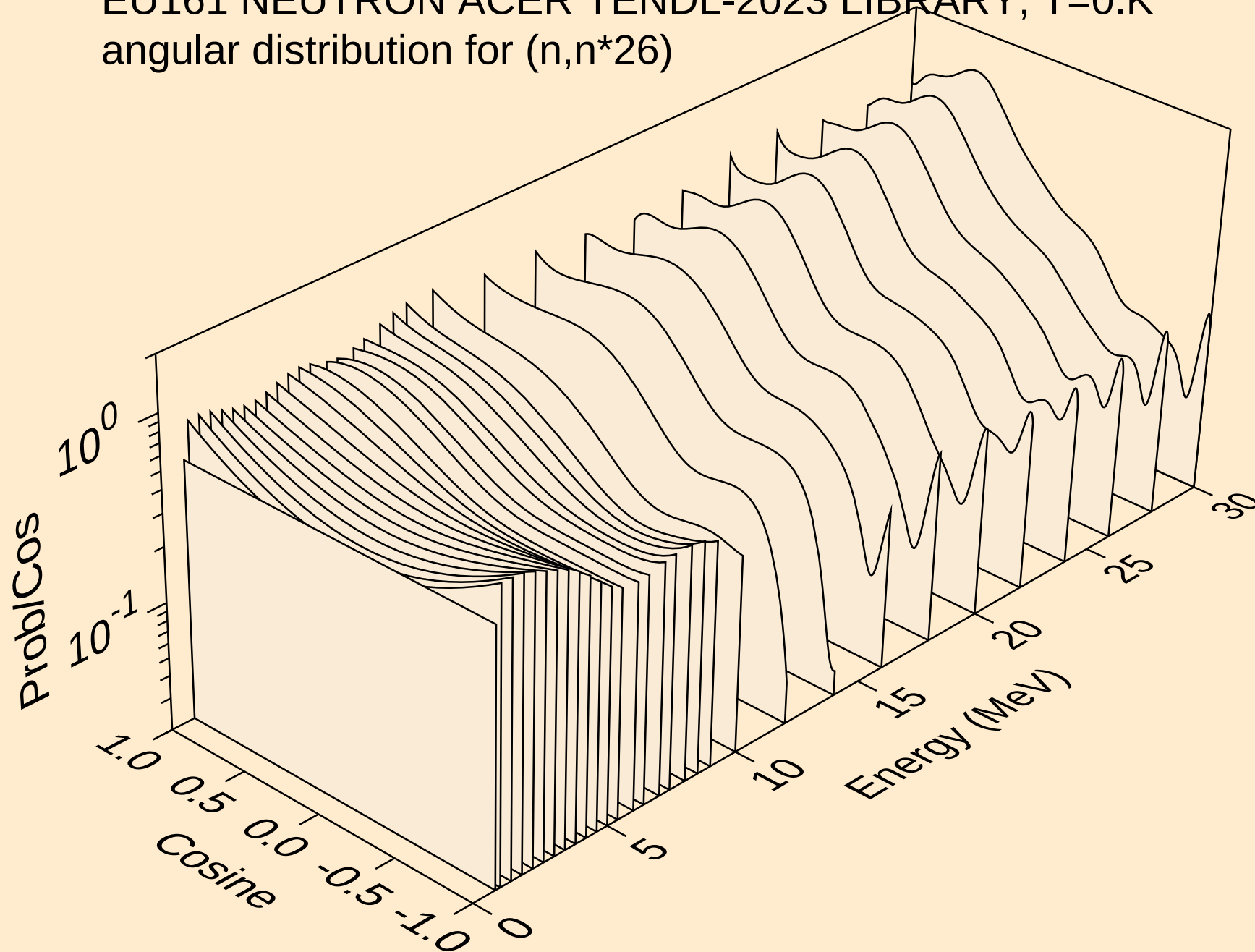
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angular distribution for (n,n\*24)



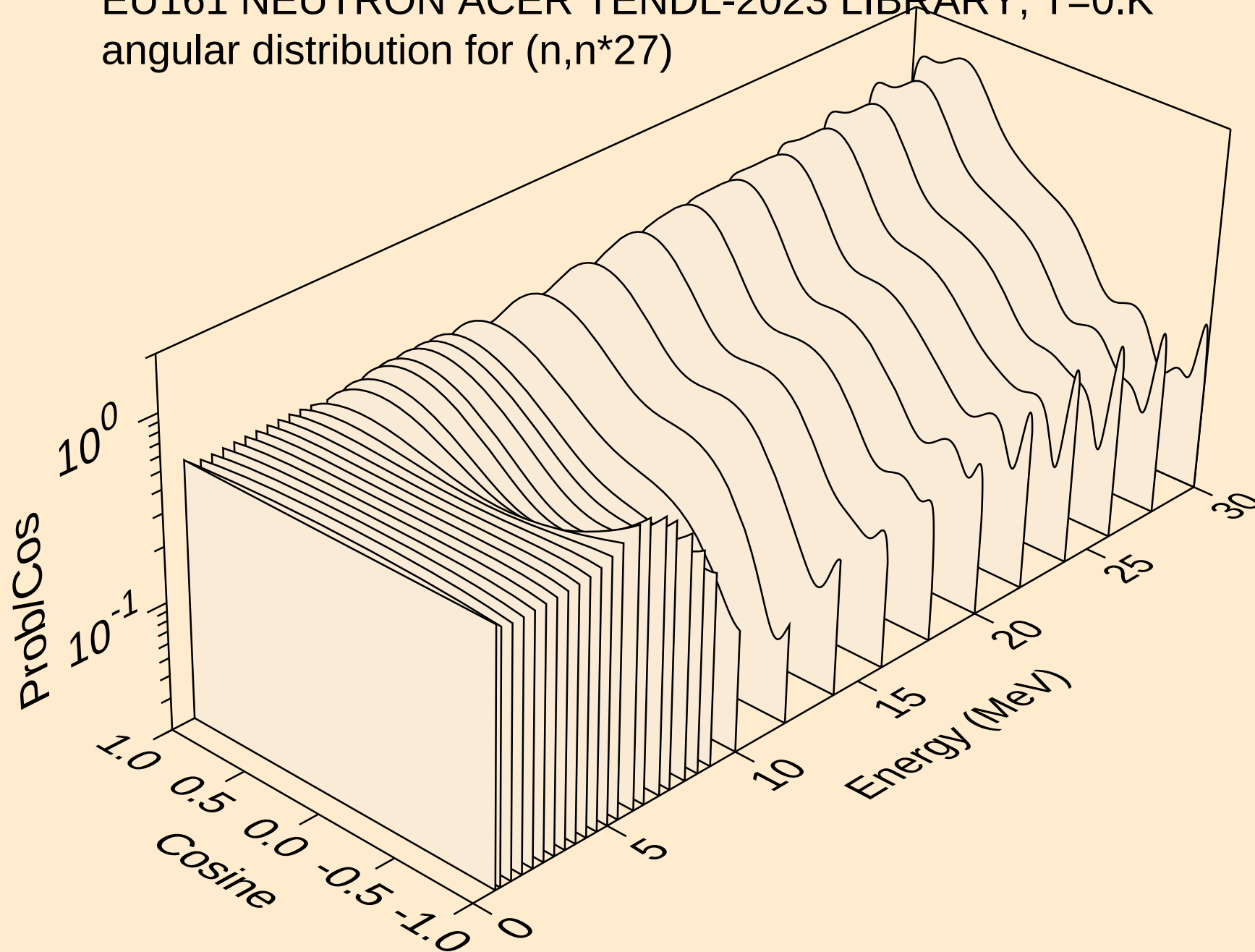
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angular distribution for (n,n\*25)



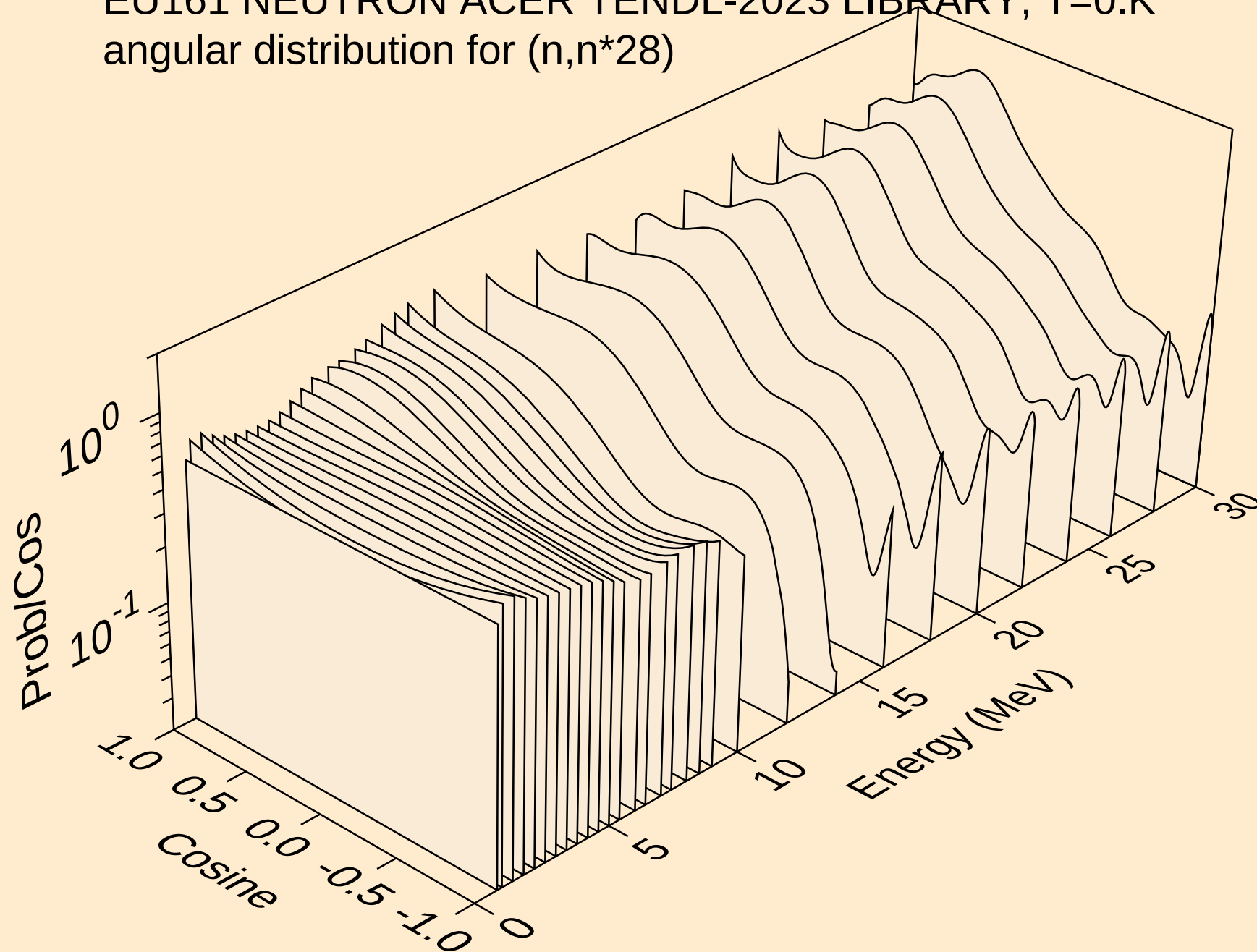
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angular distribution for (n,n\*26)



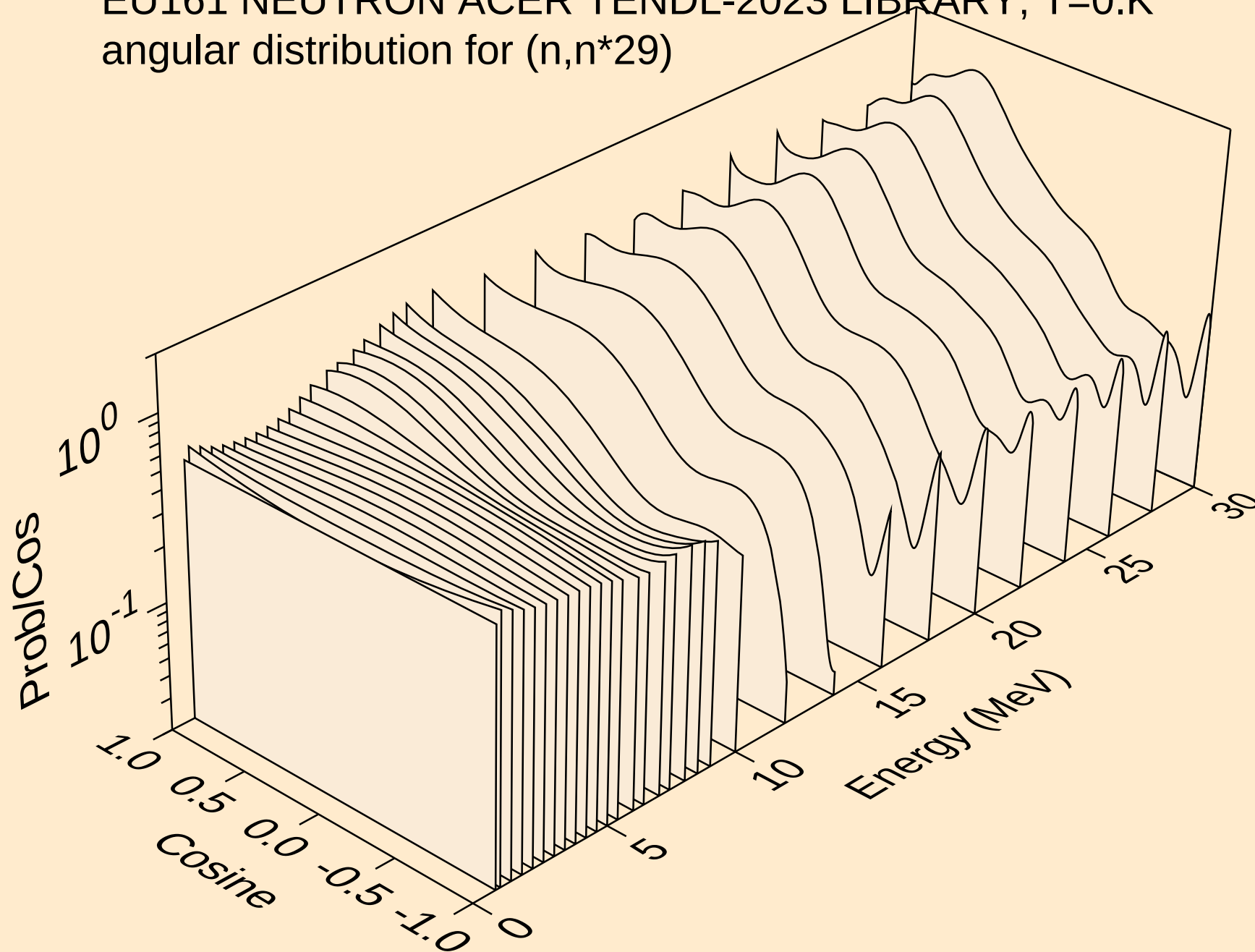
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angular distribution for (n,n\*27)



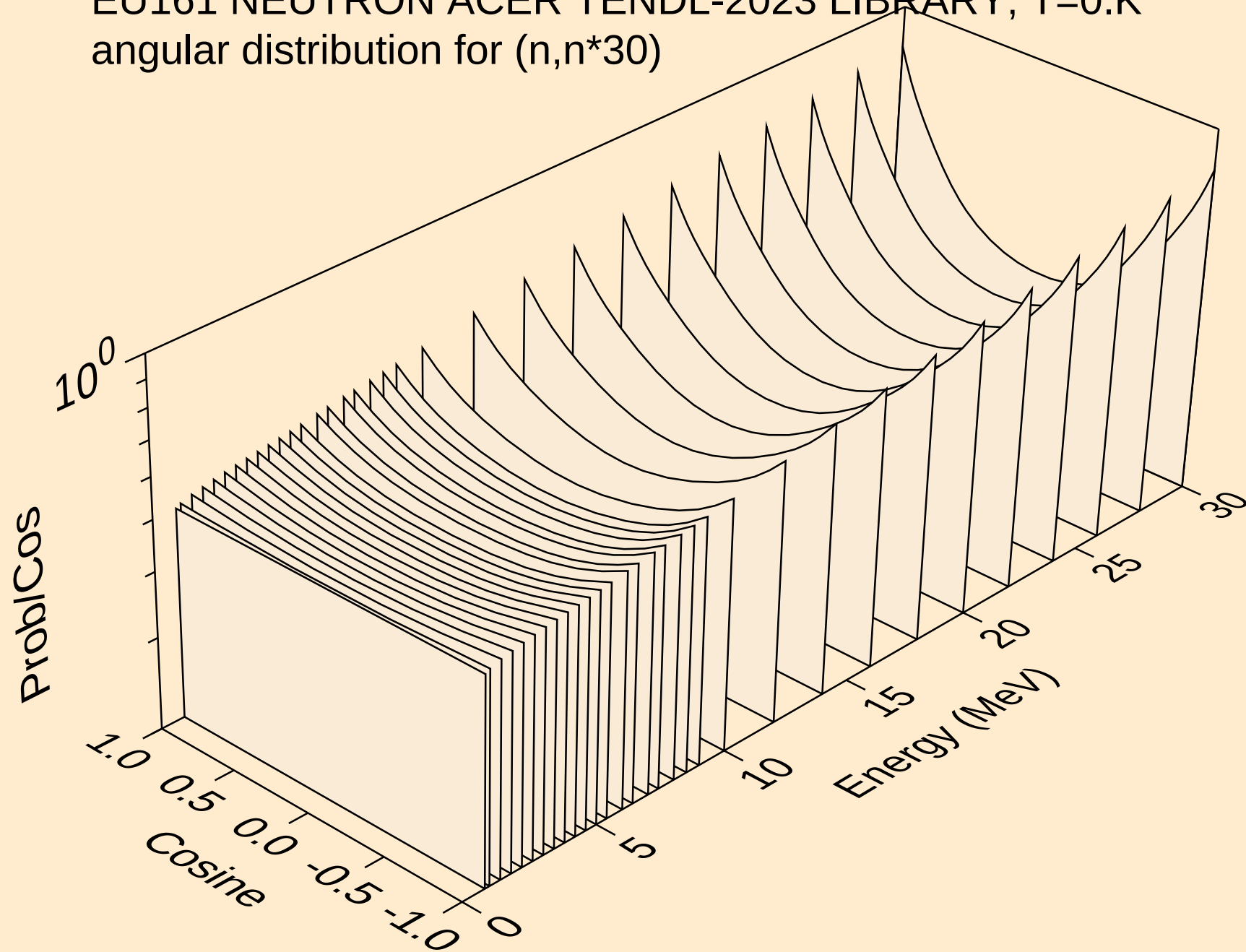
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angular distribution for (n,n\*28)



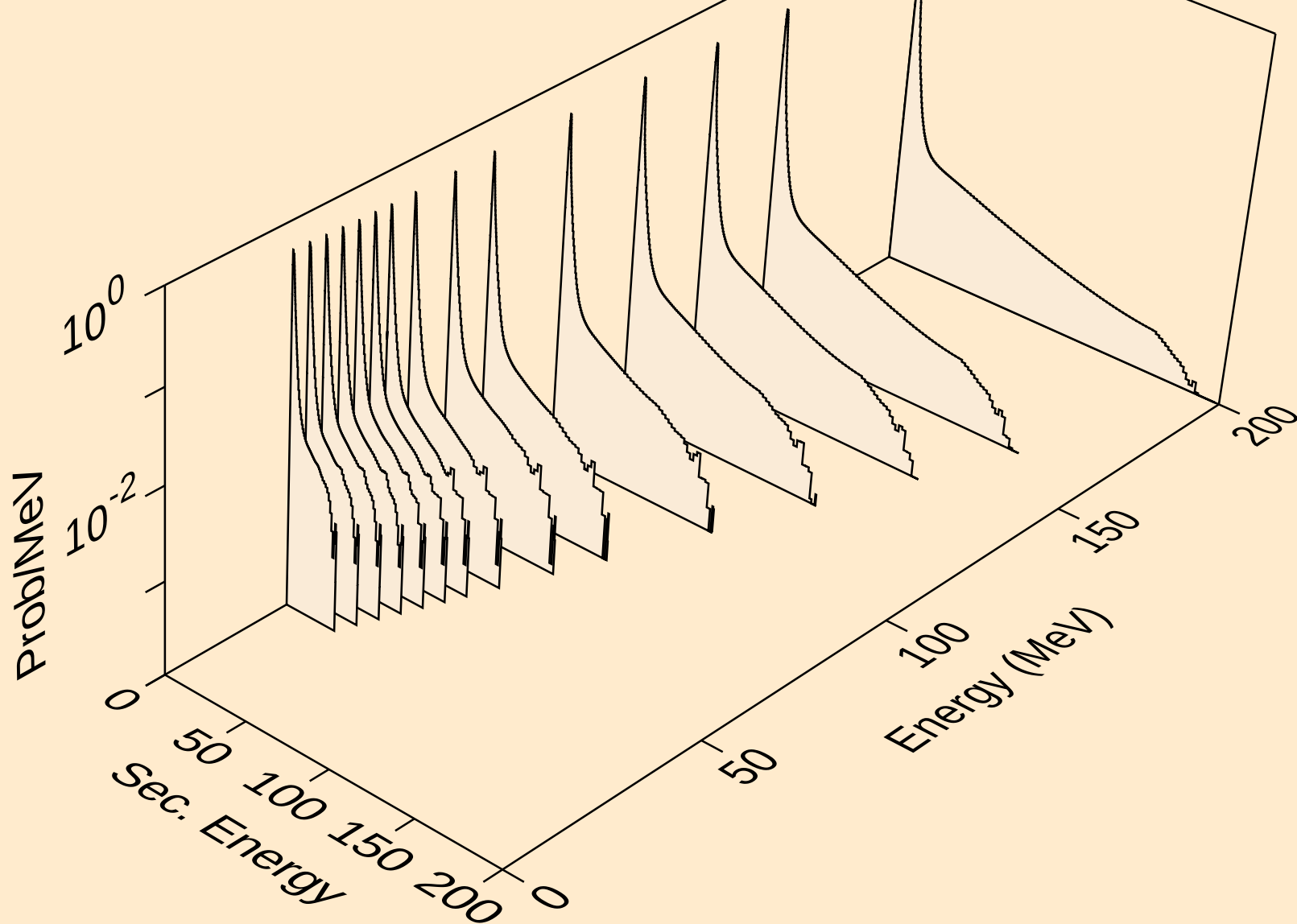
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angular distribution for (n,n\*29)



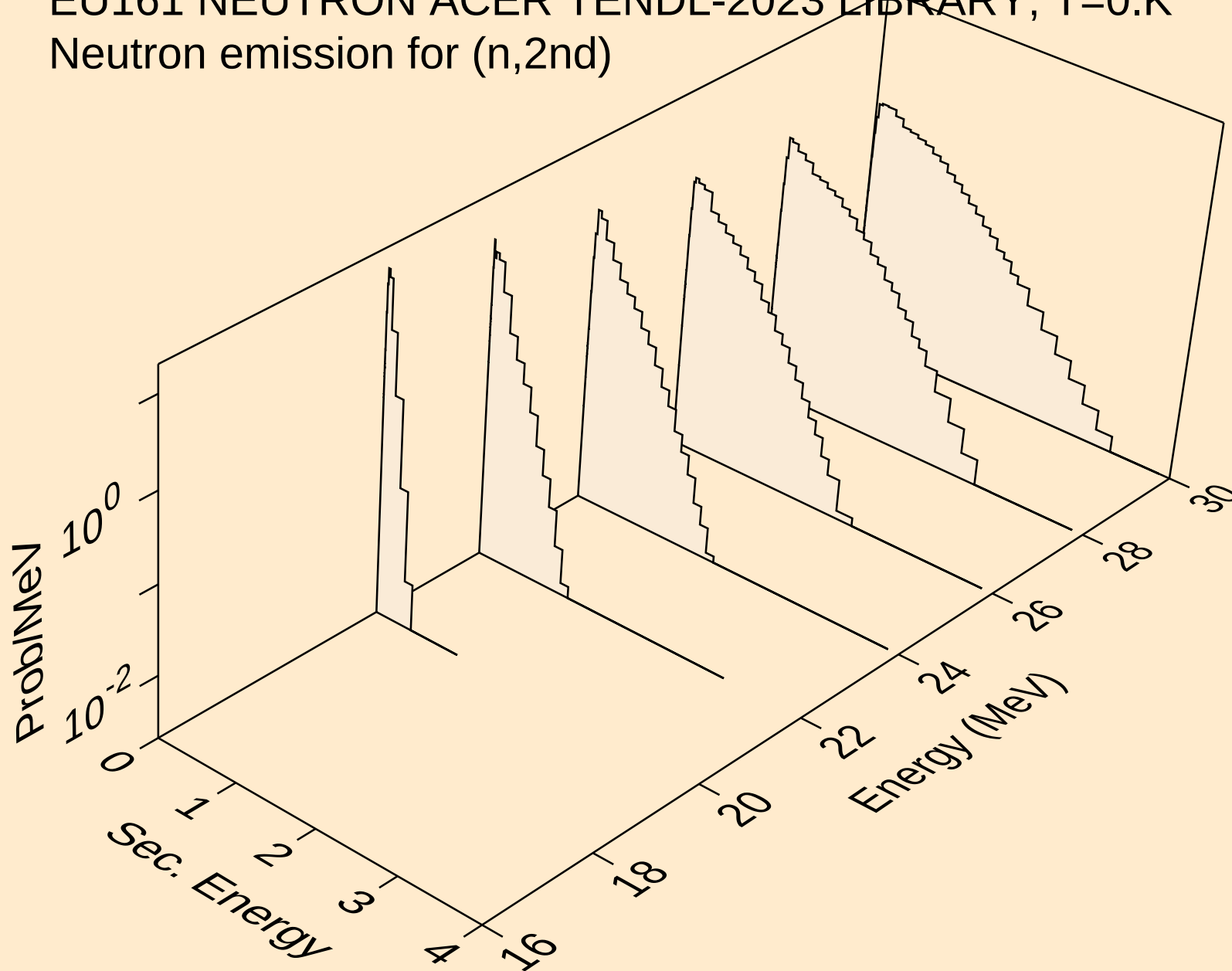
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angular distribution for (n,n\*30)



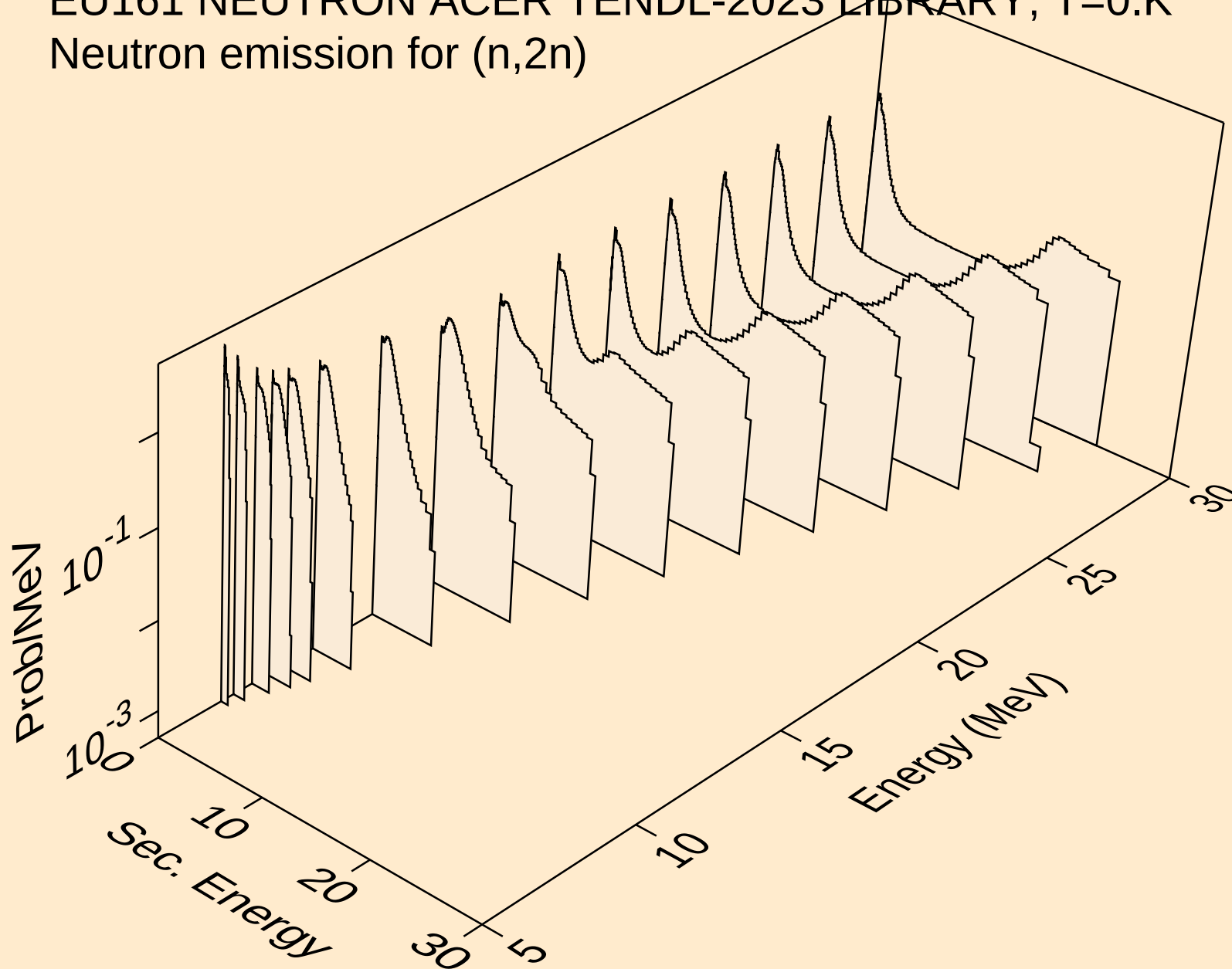
EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



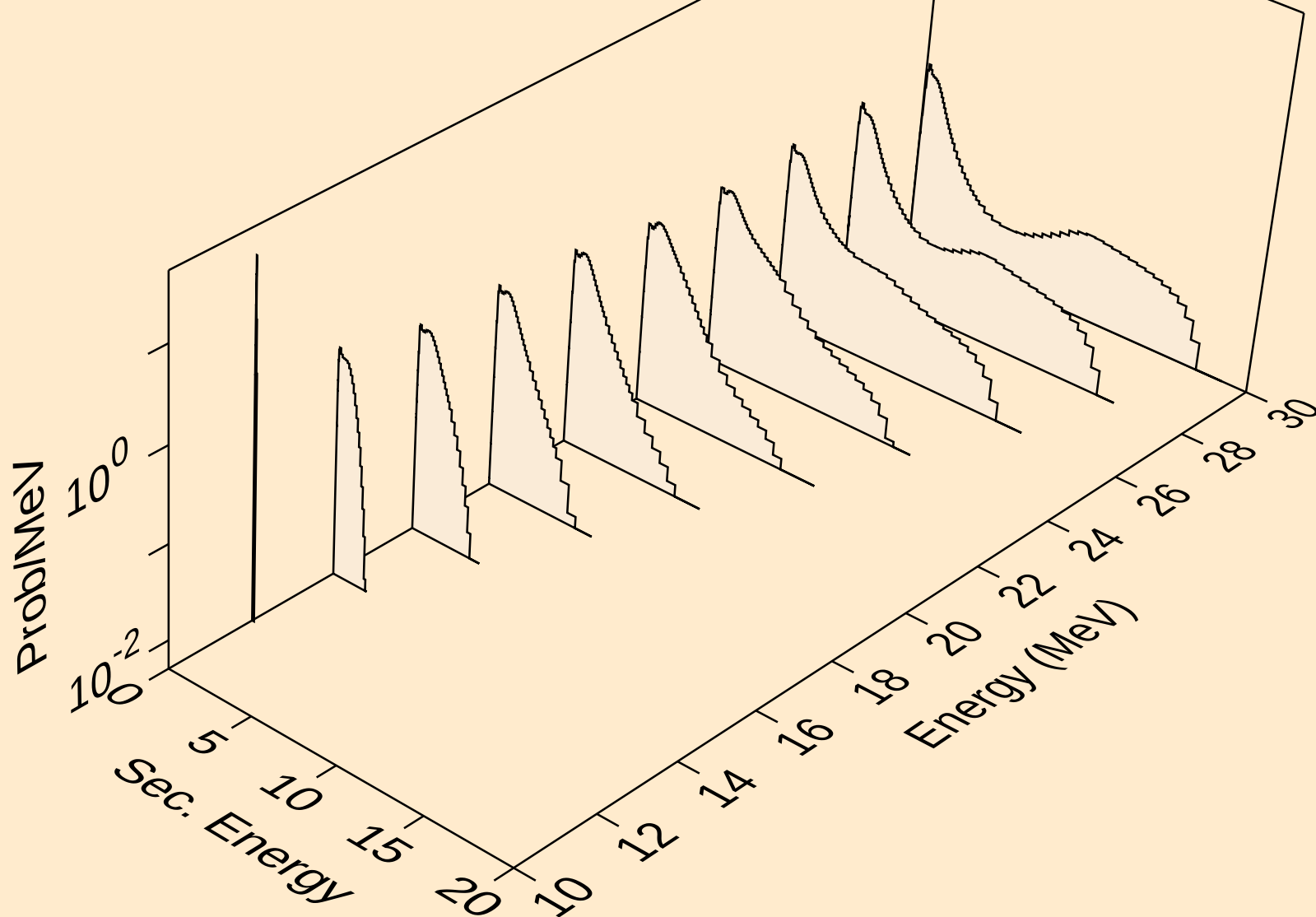
EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



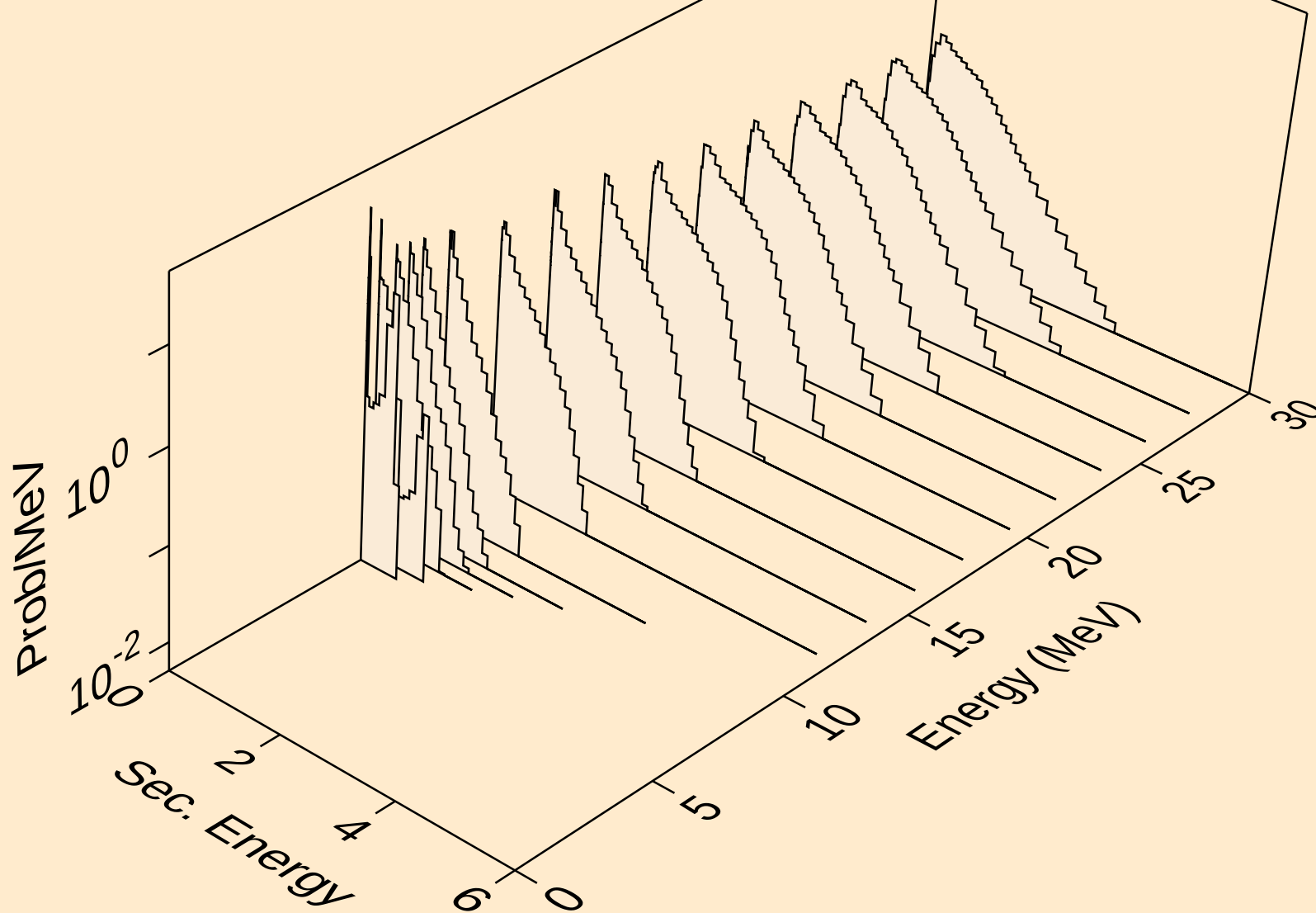
EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



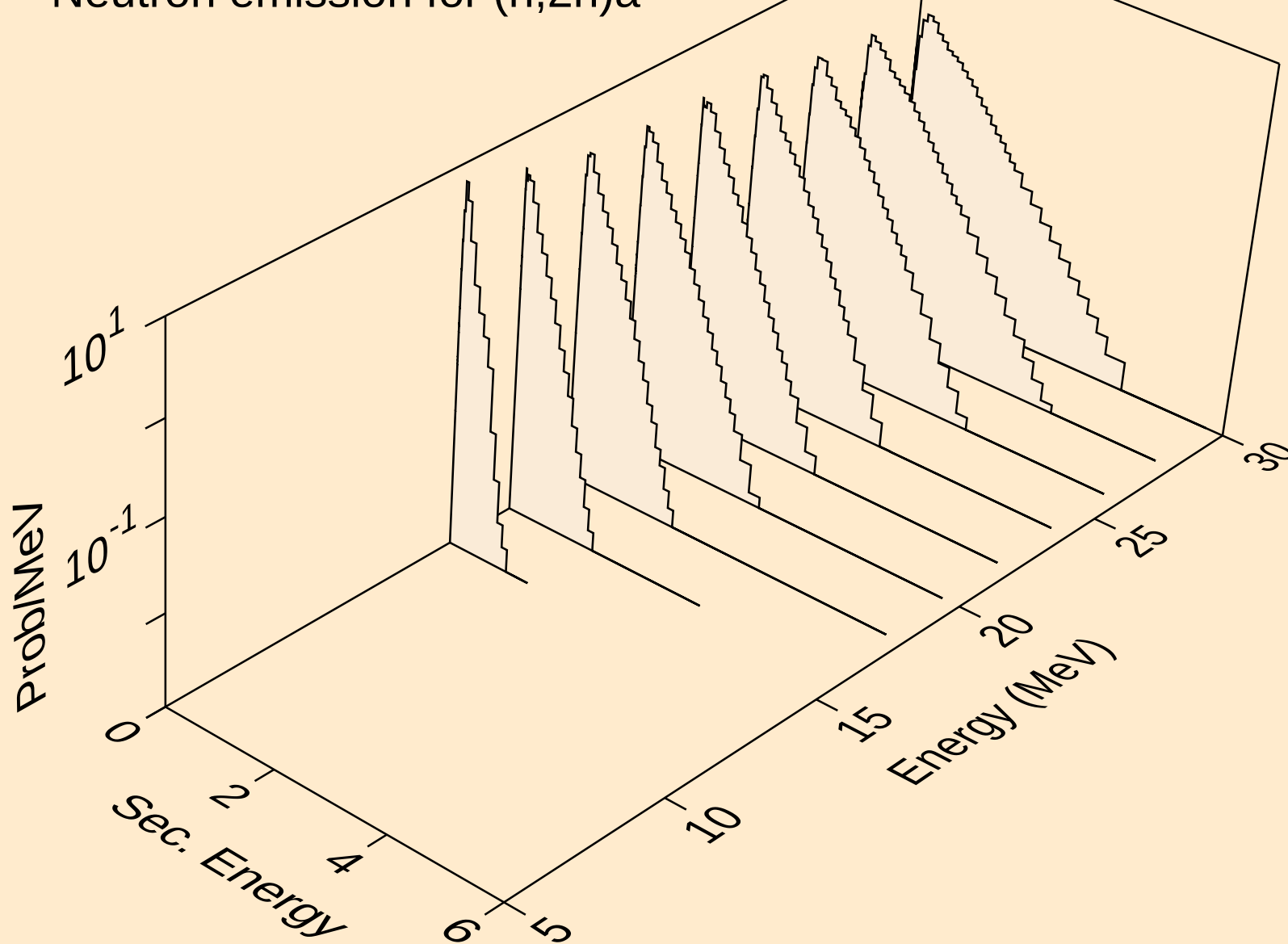
EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



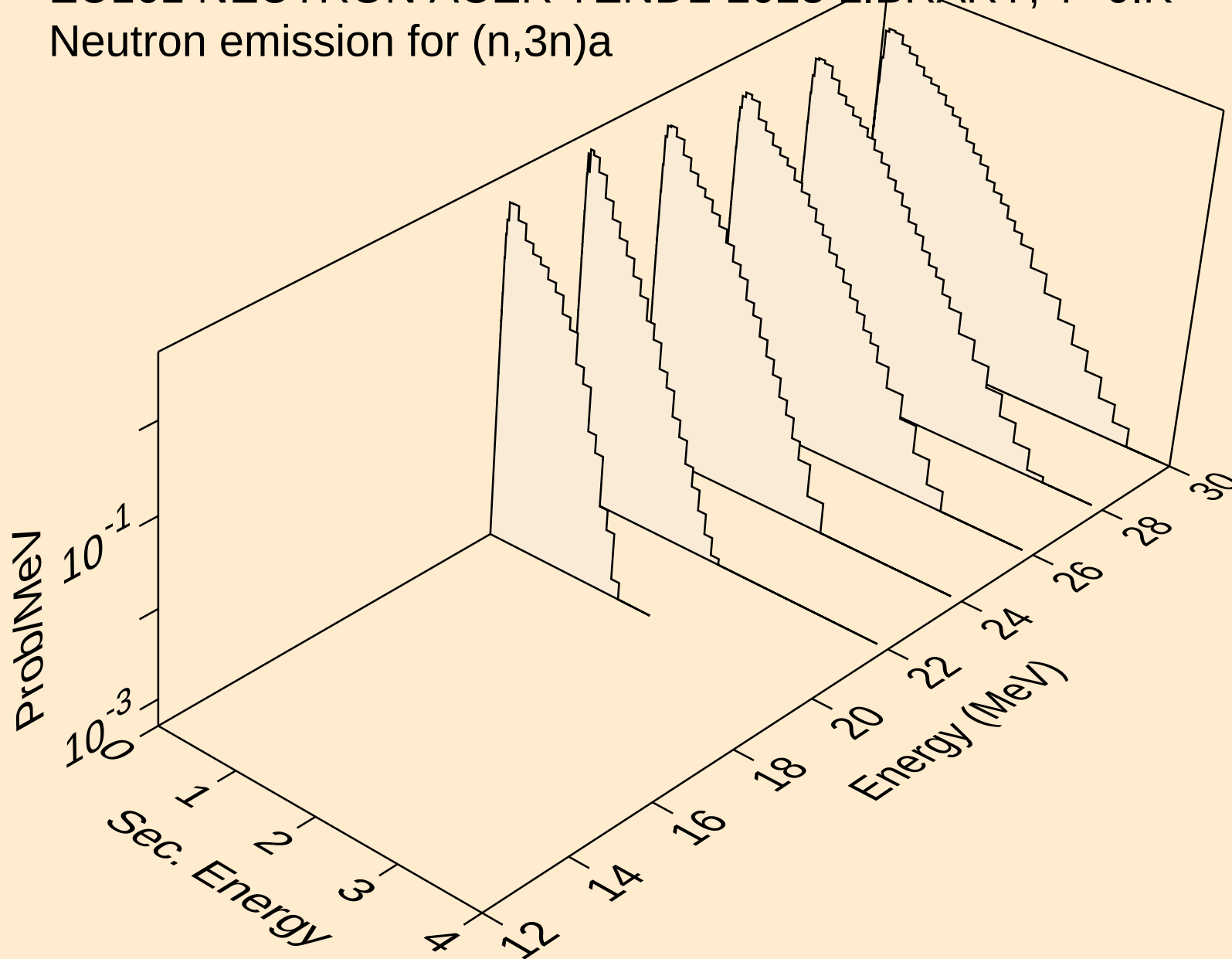
EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



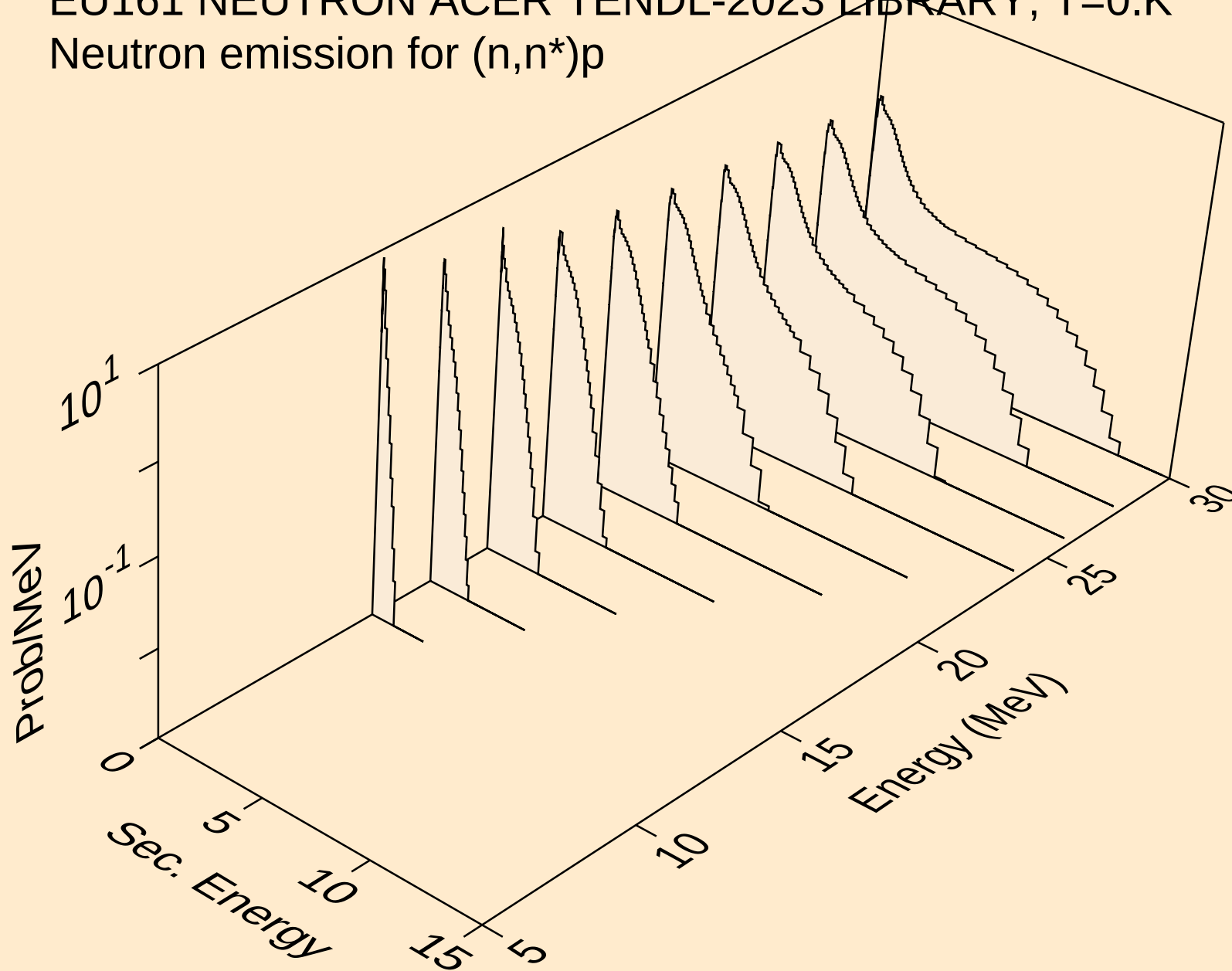
EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



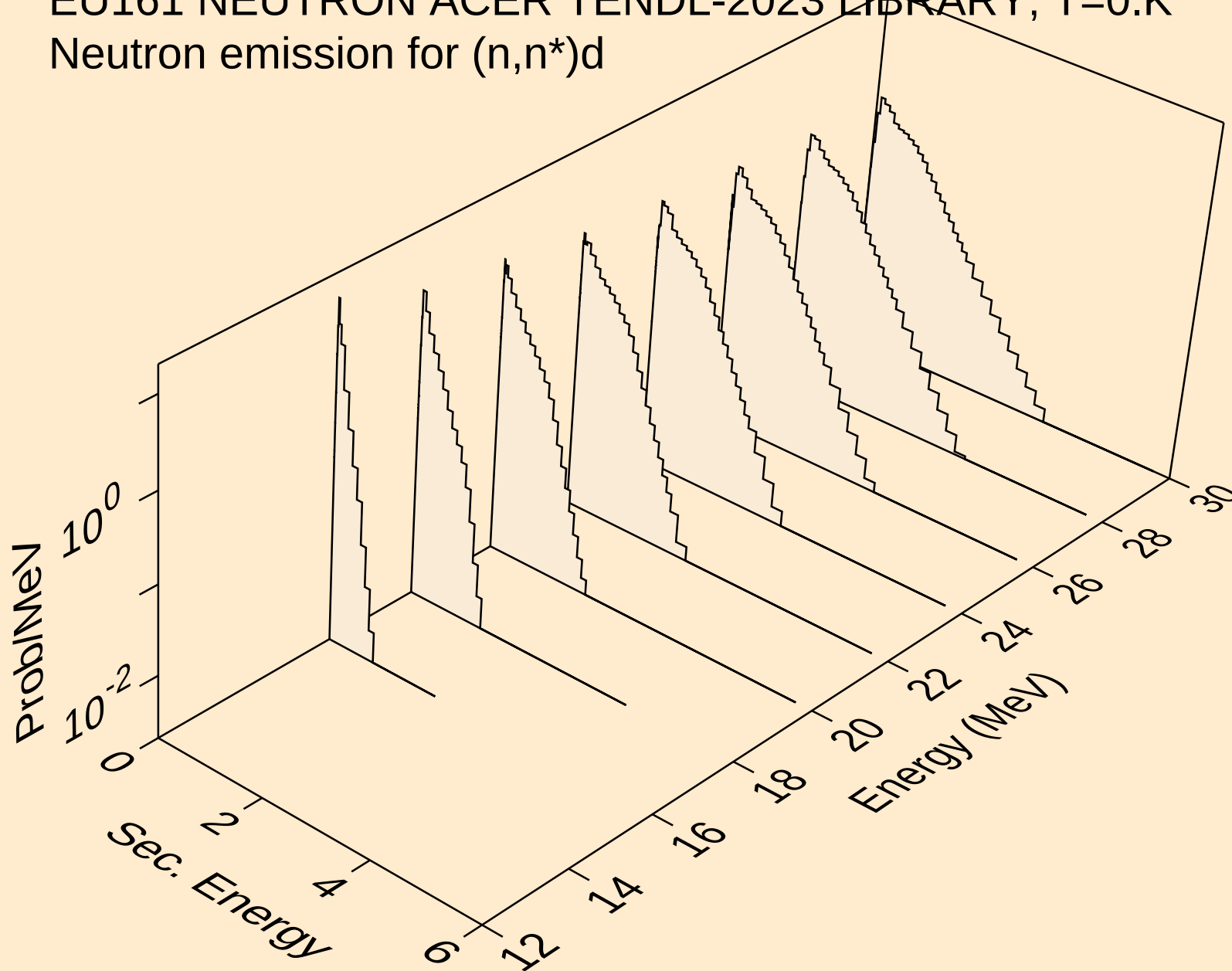
EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



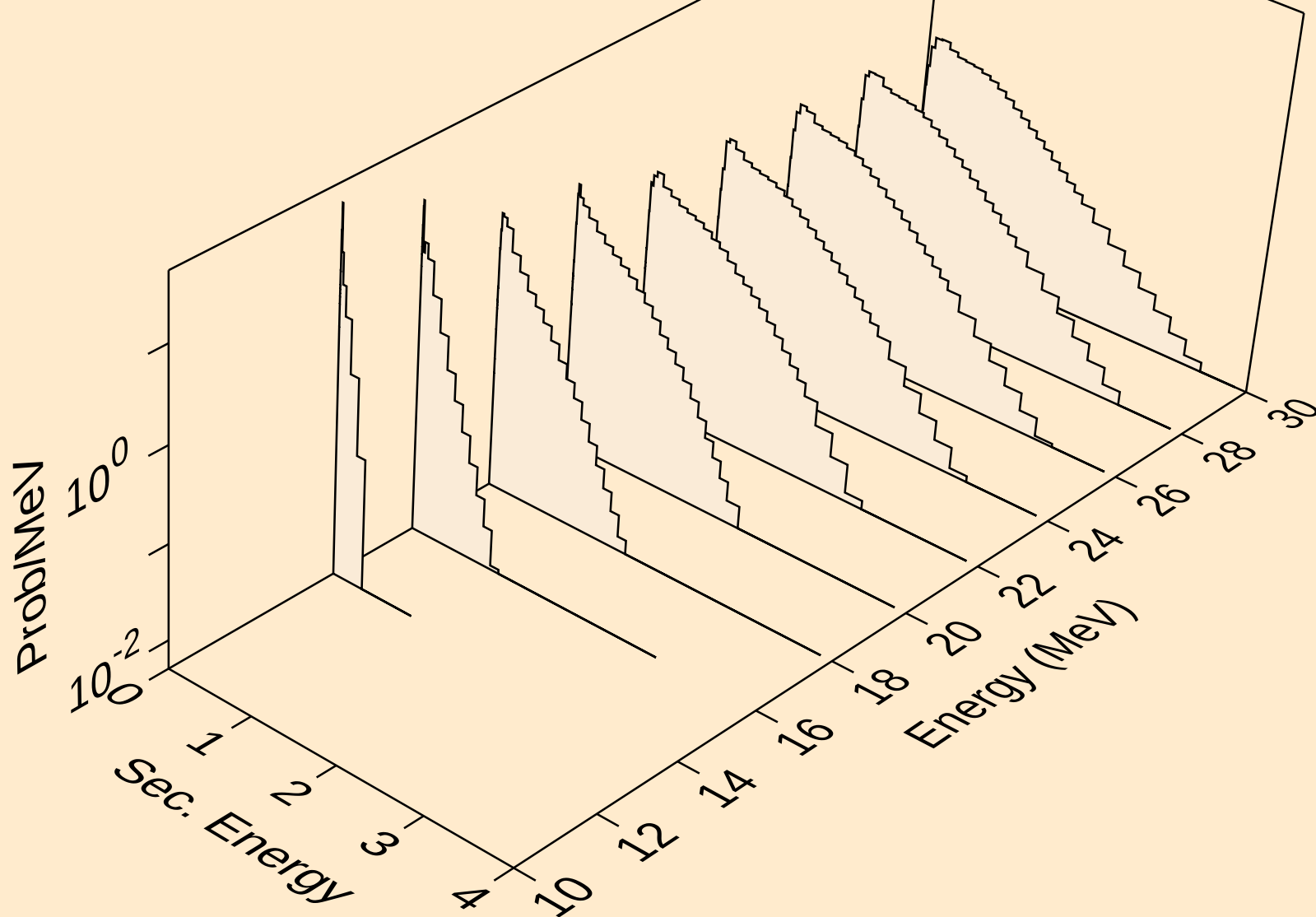
EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

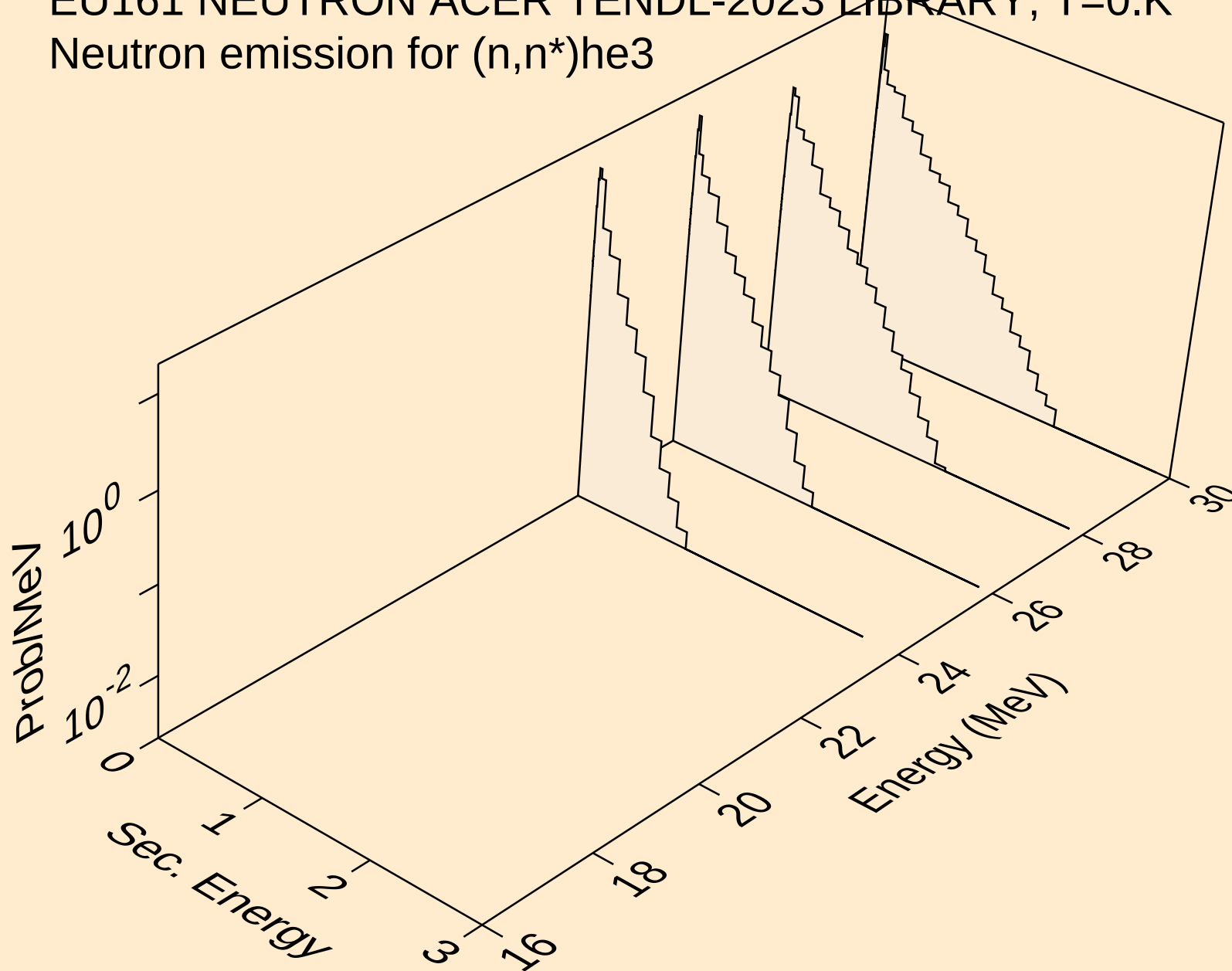


EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

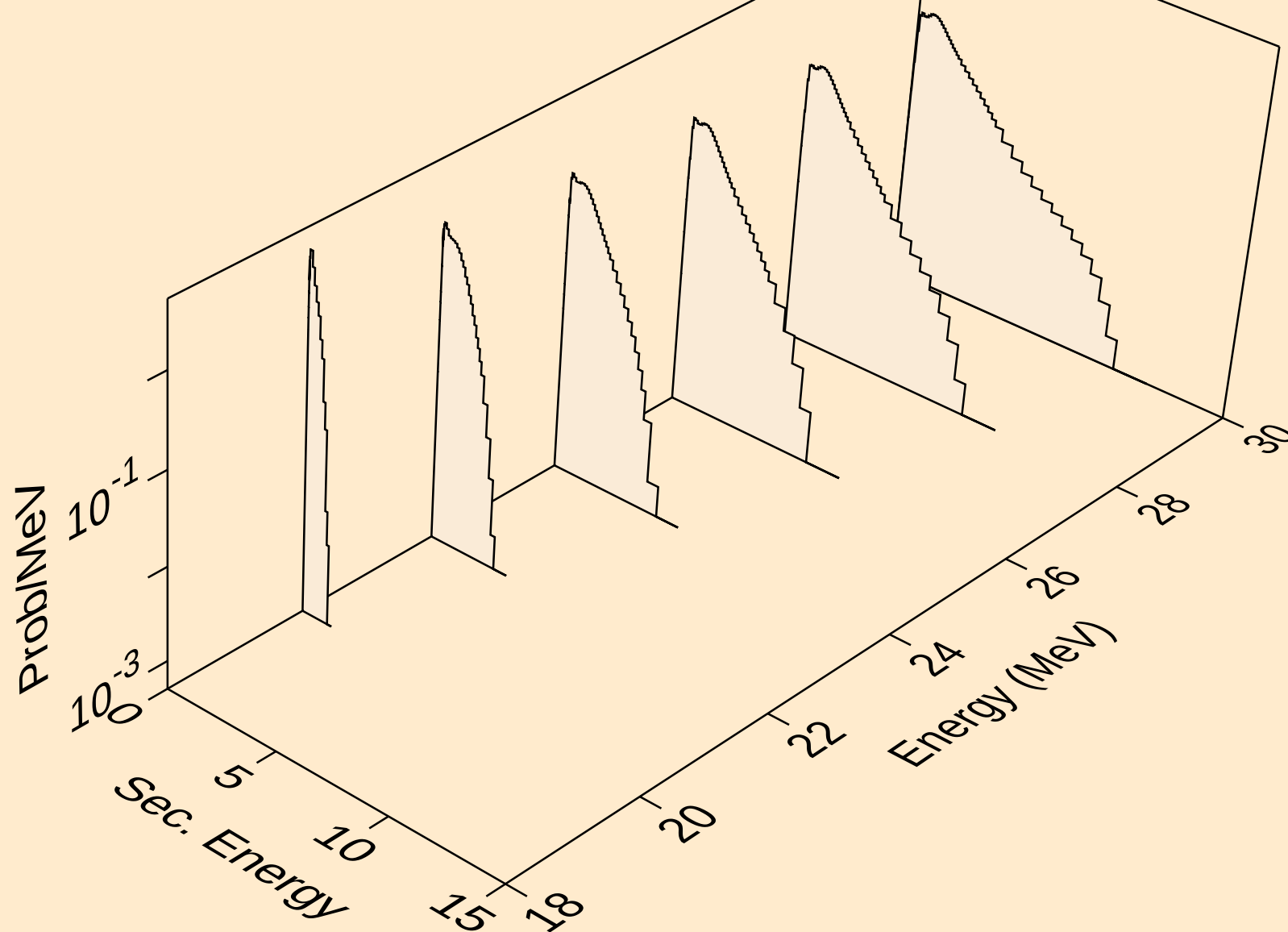


EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

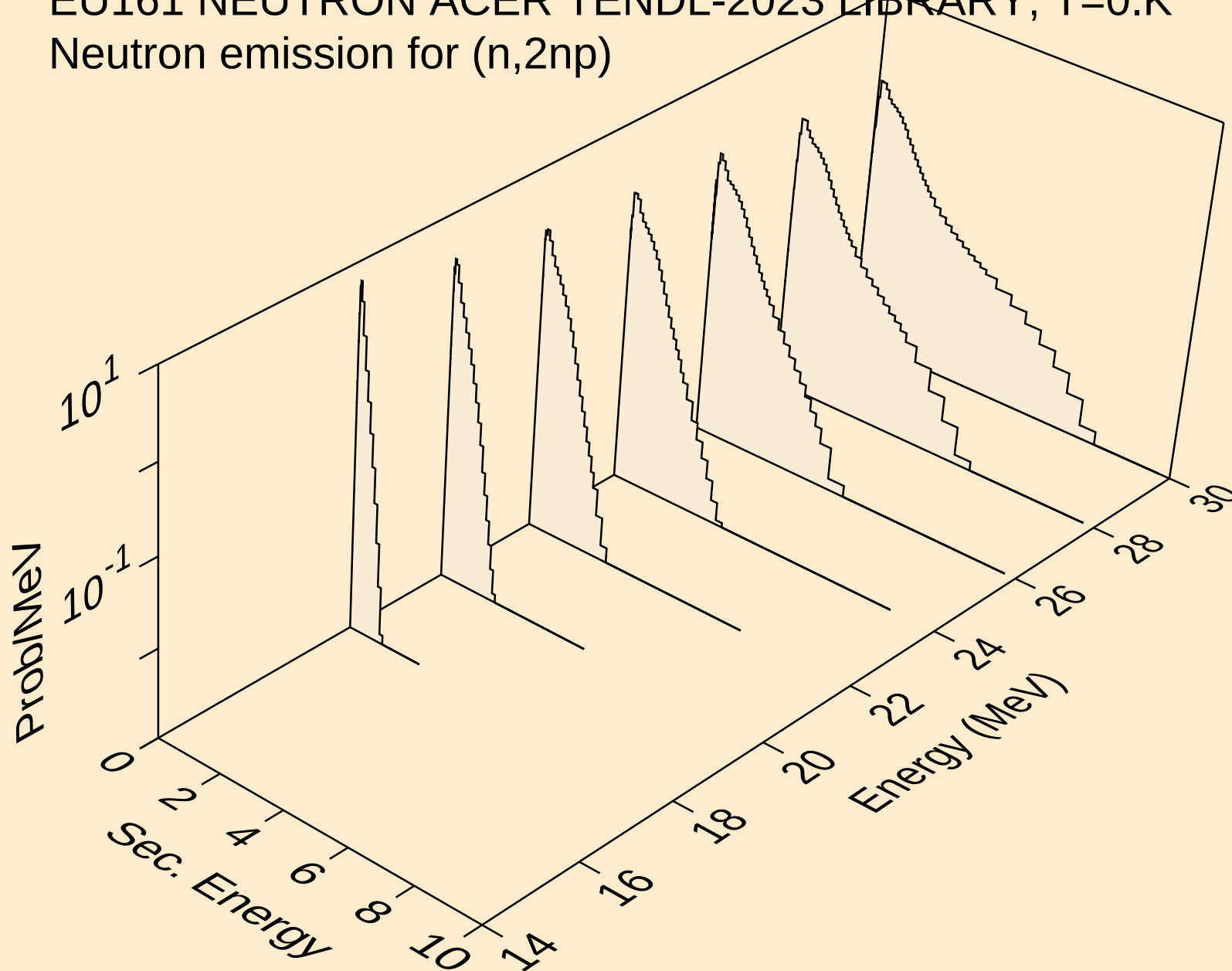
Neutron emission for (n,n\*)he3



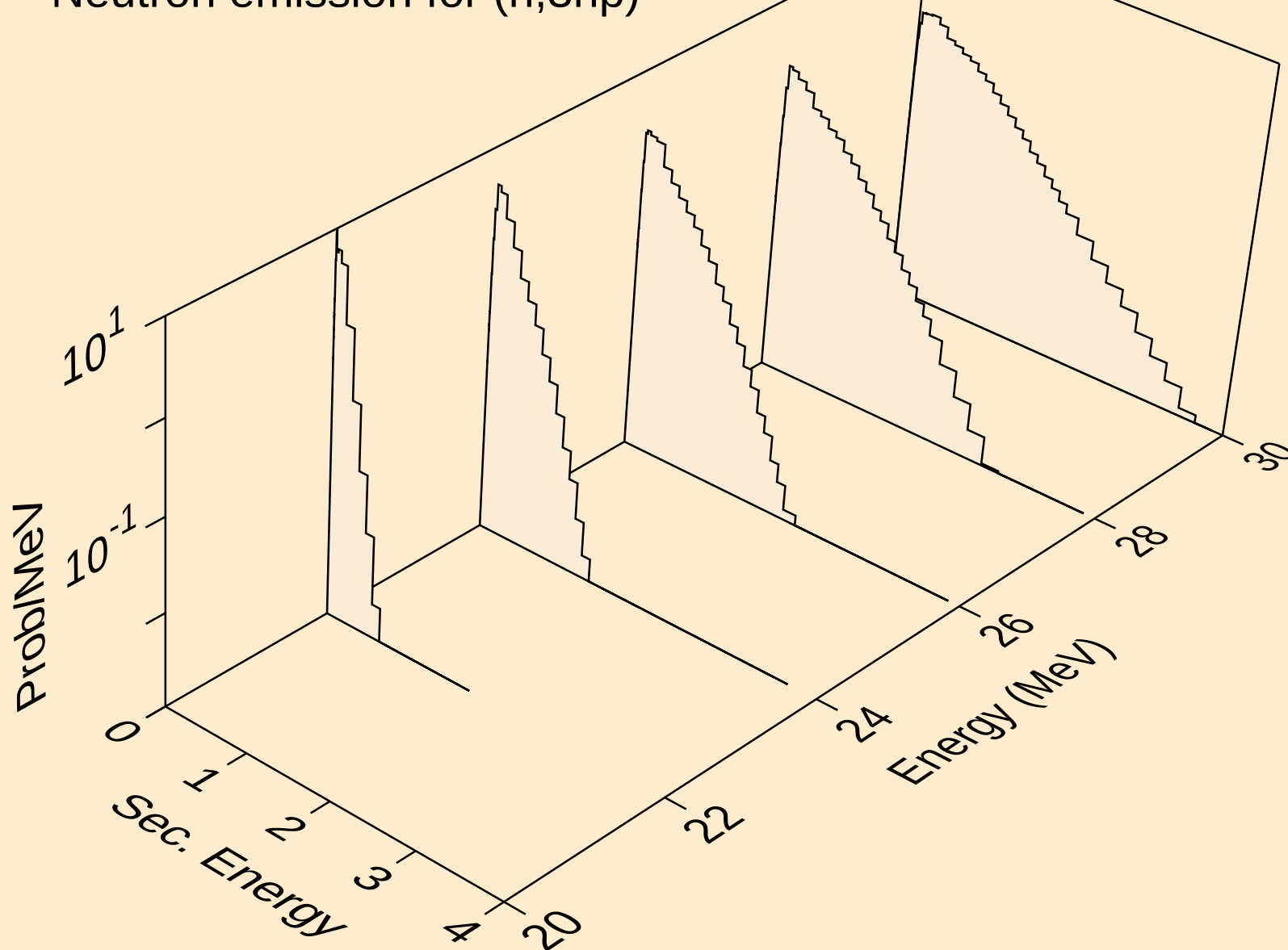
EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



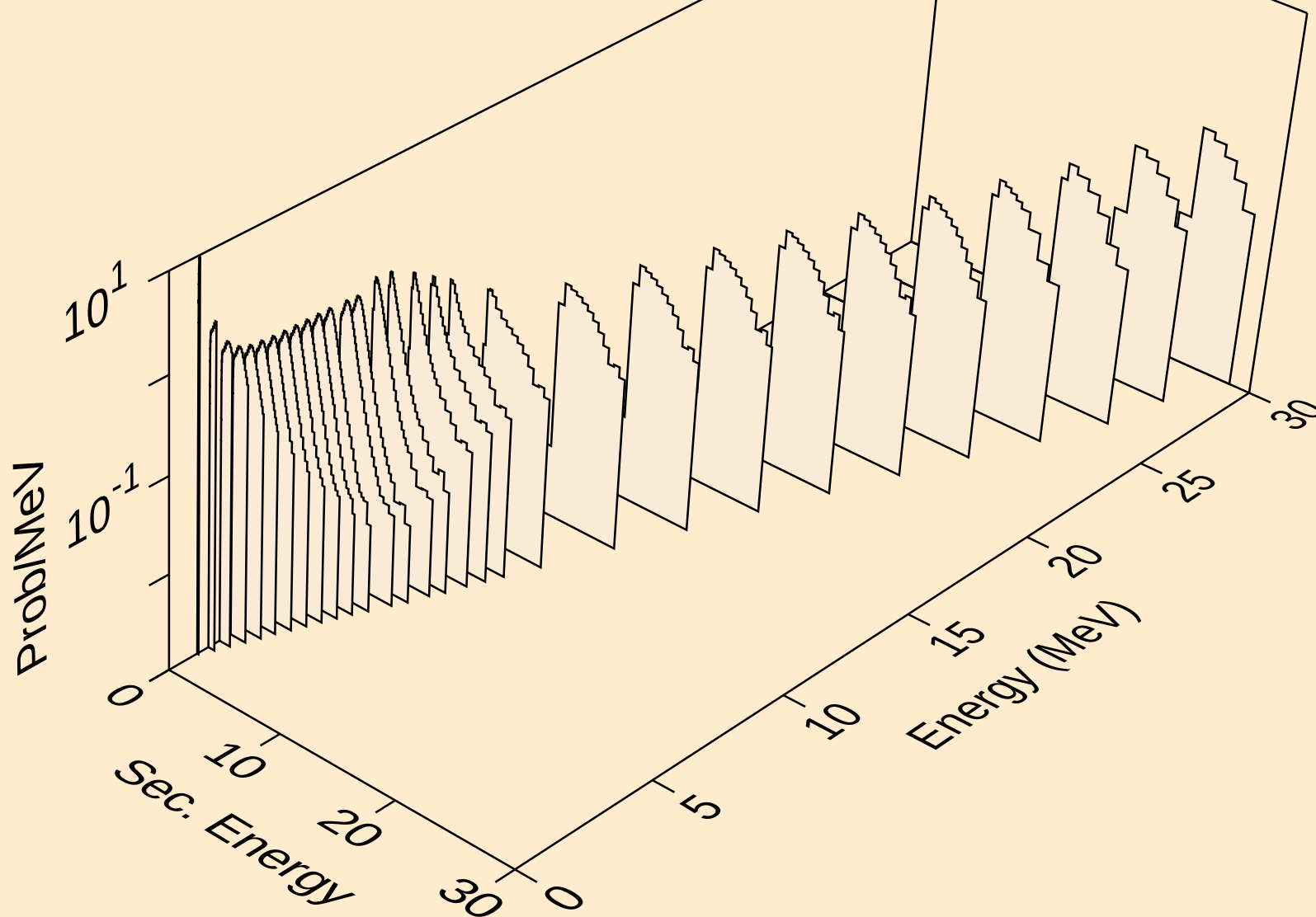
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Neutron emission for (n,2np)



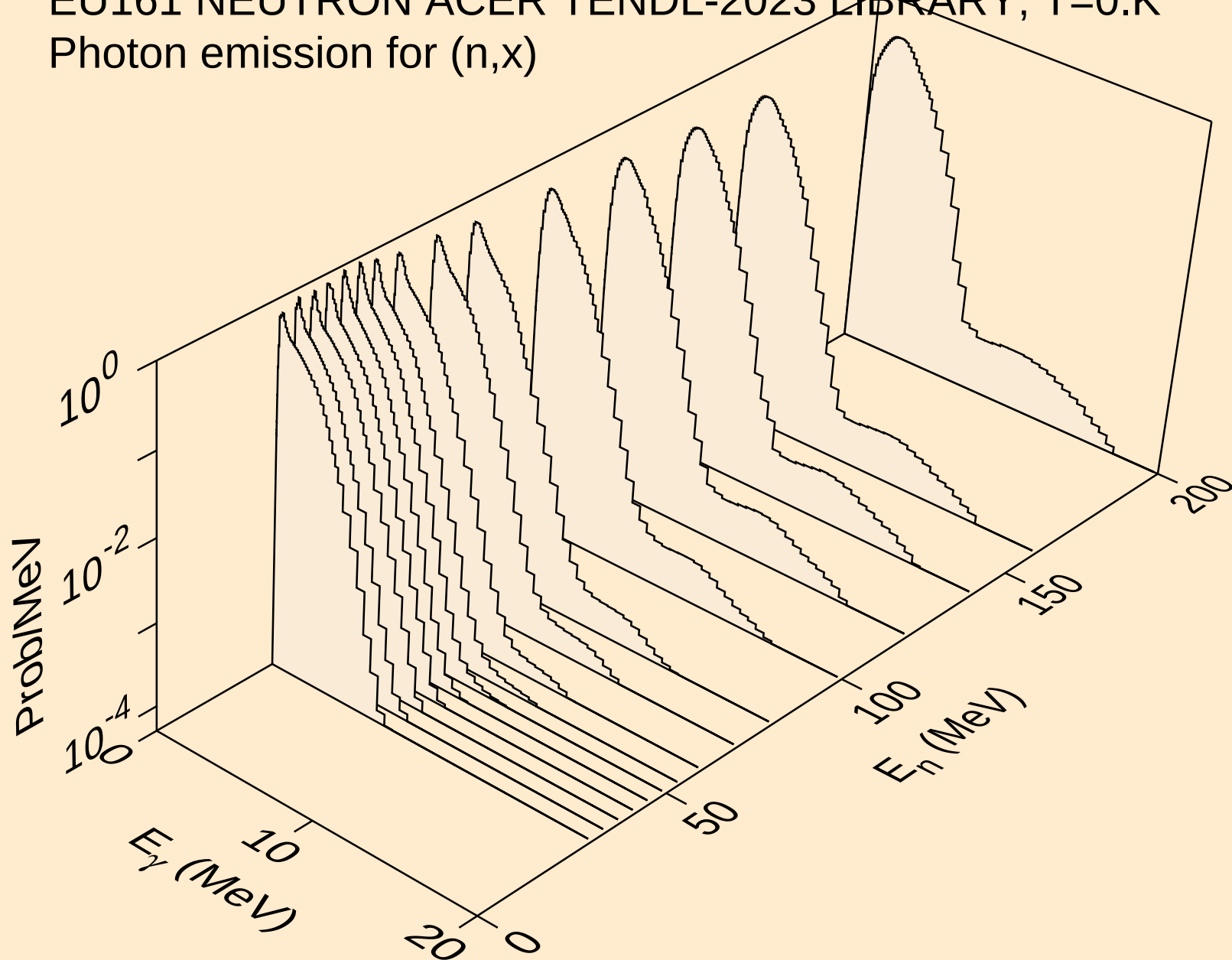
EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



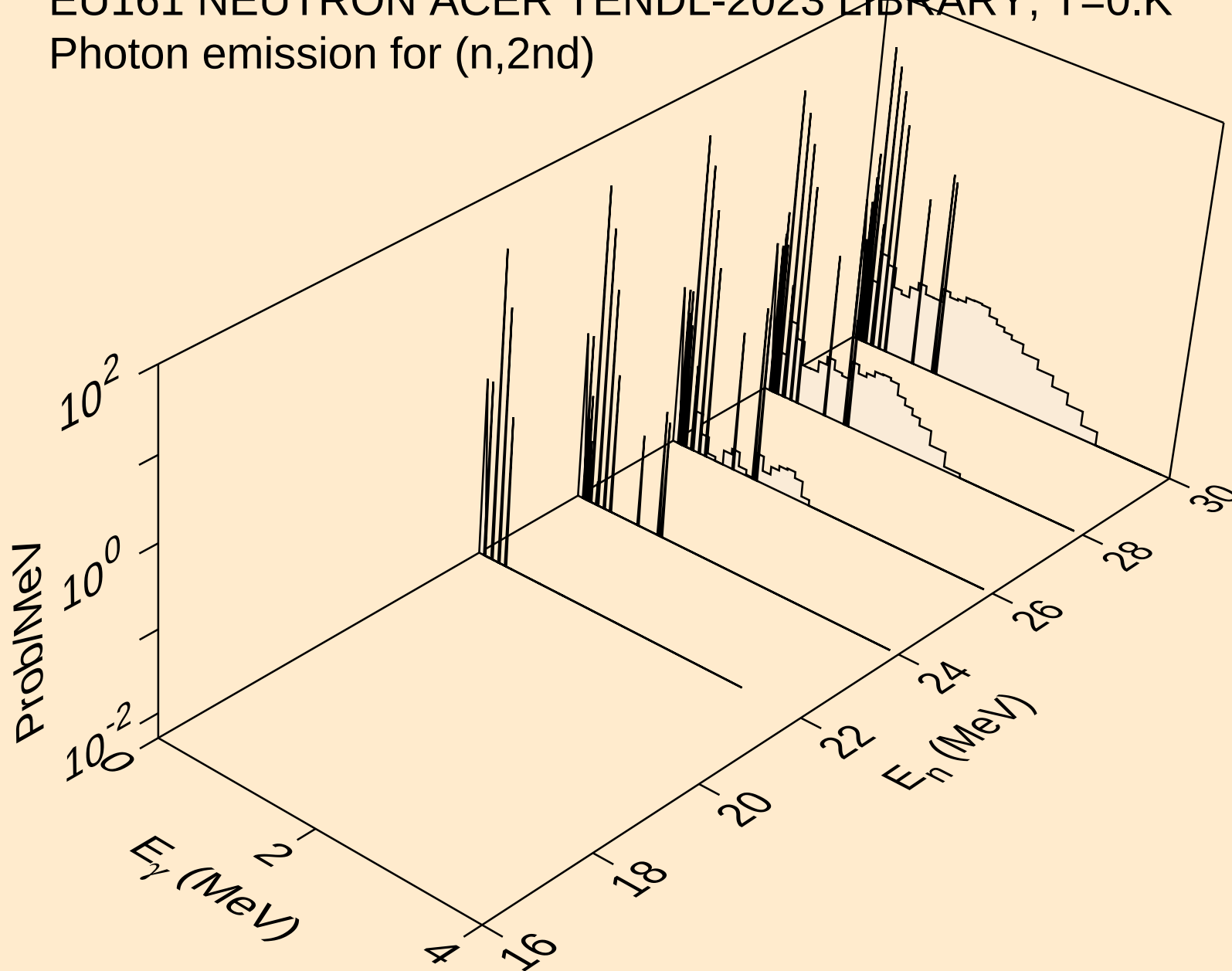
EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



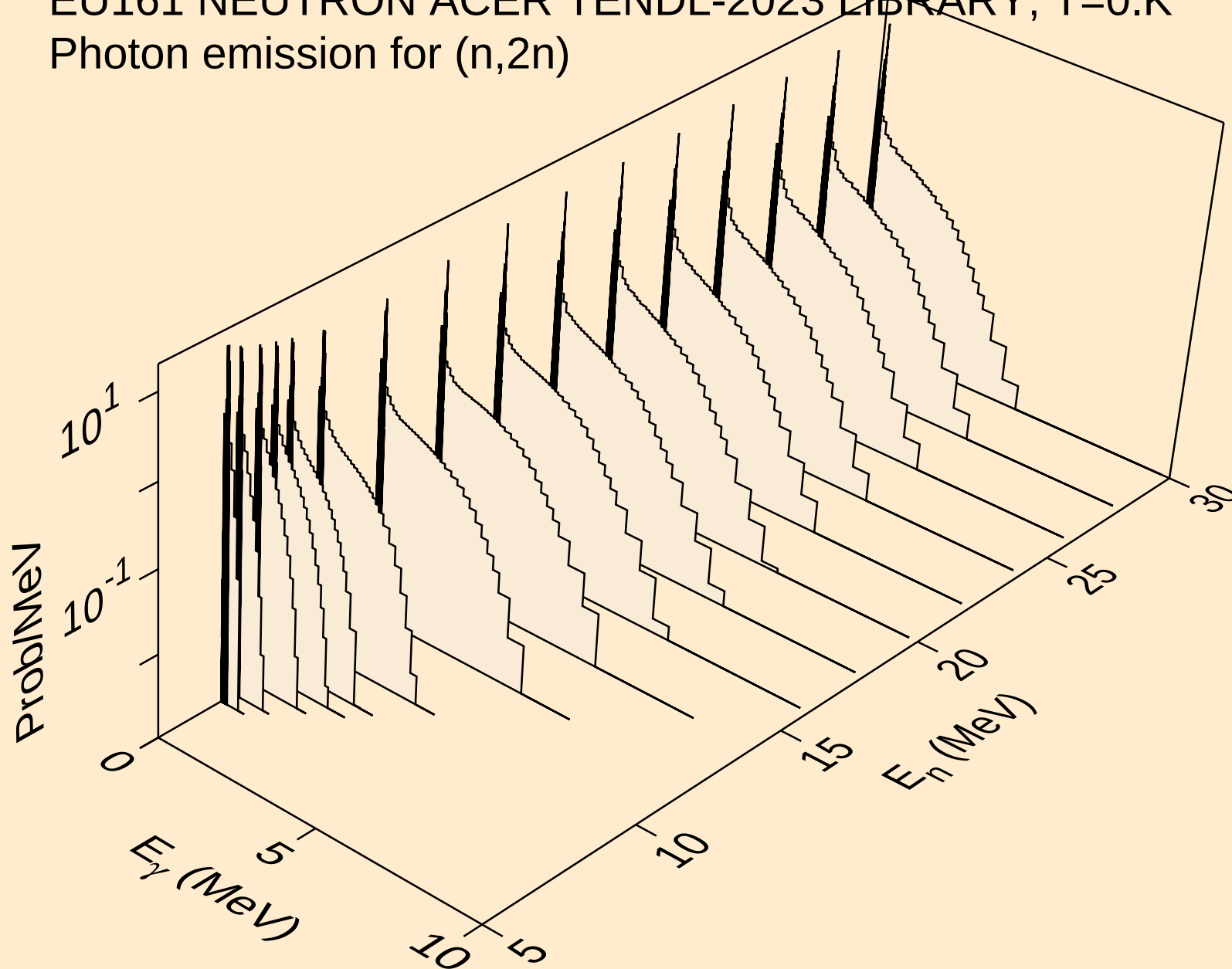
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Photon emission for (n,x)



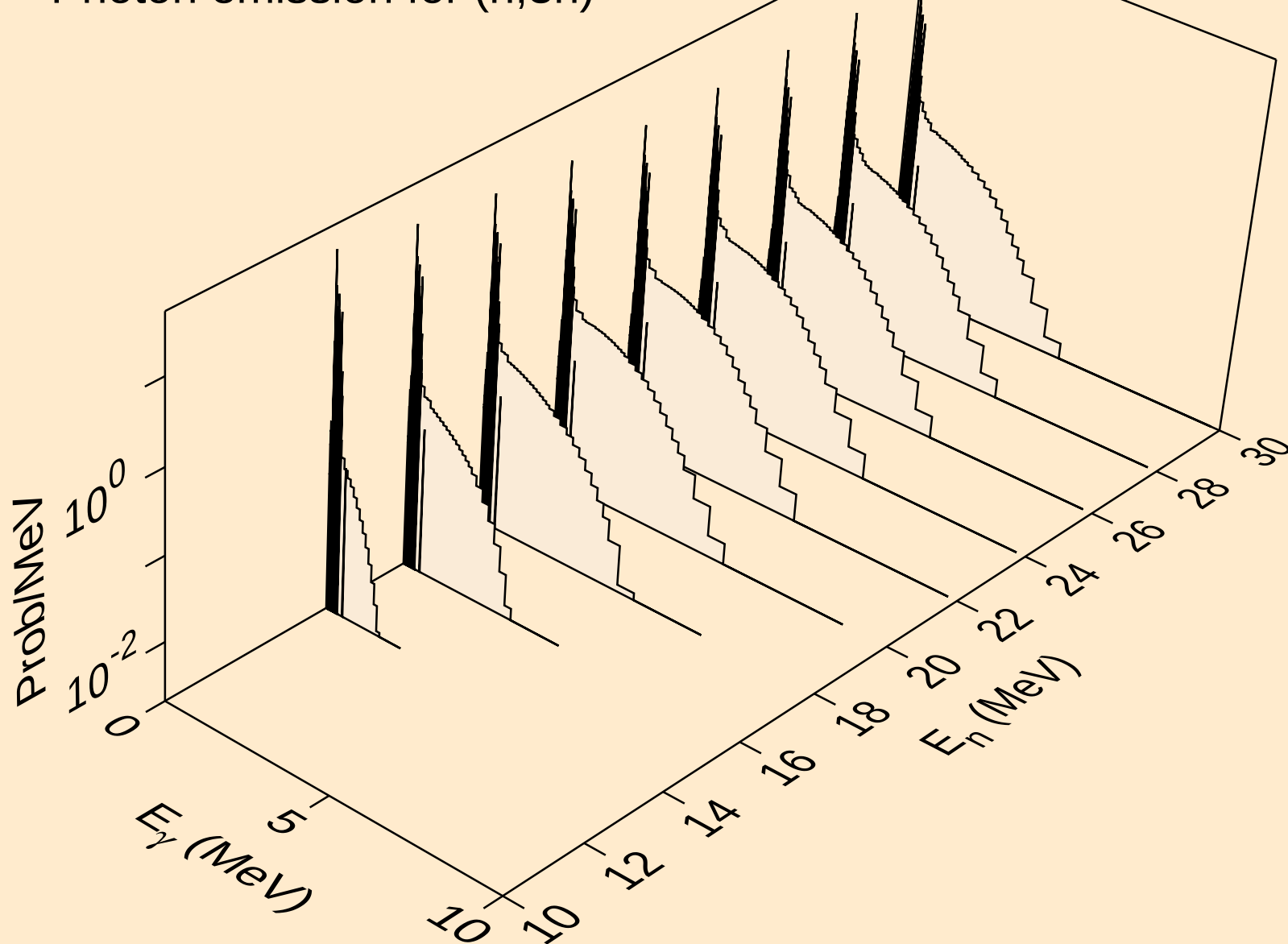
EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

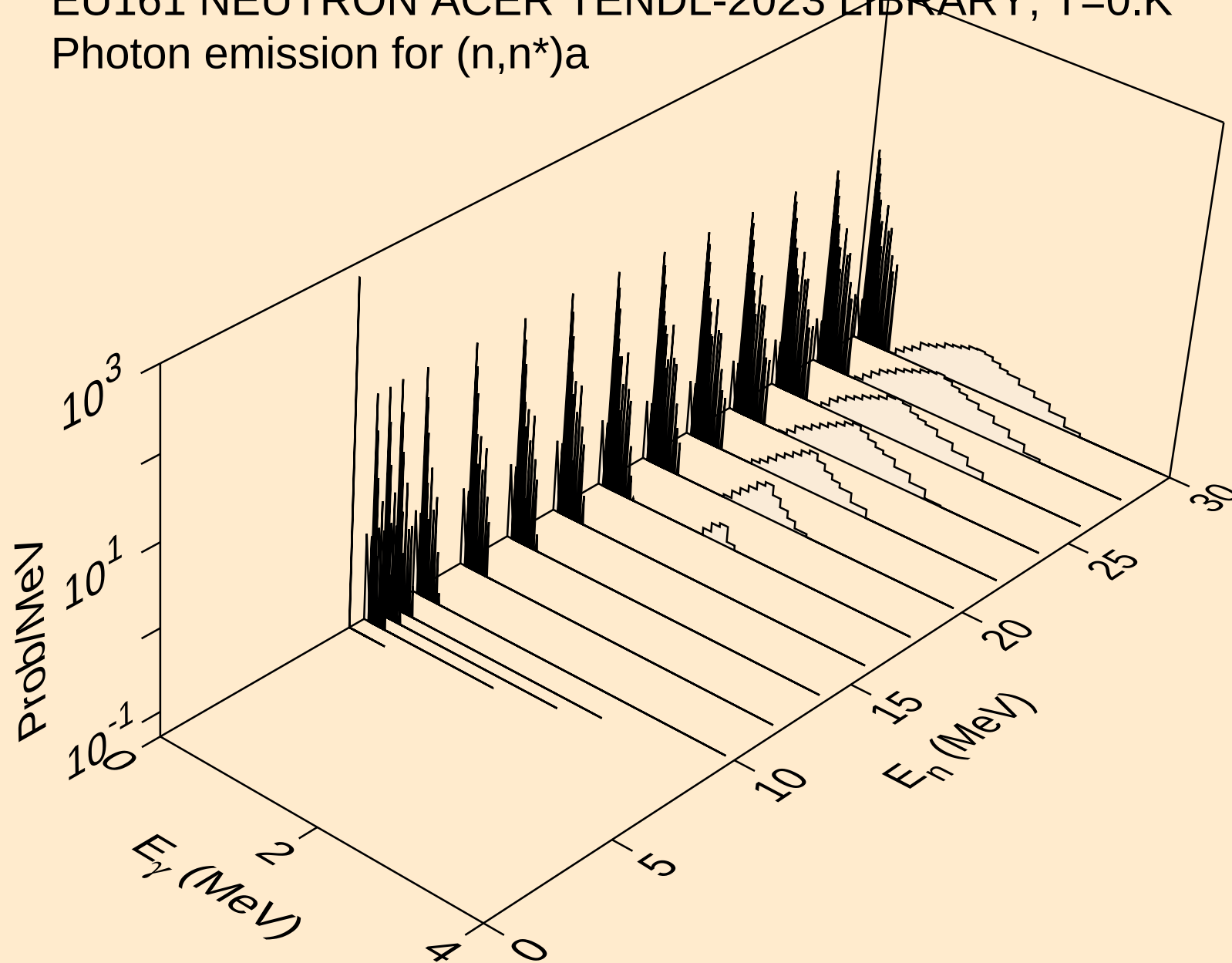


EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

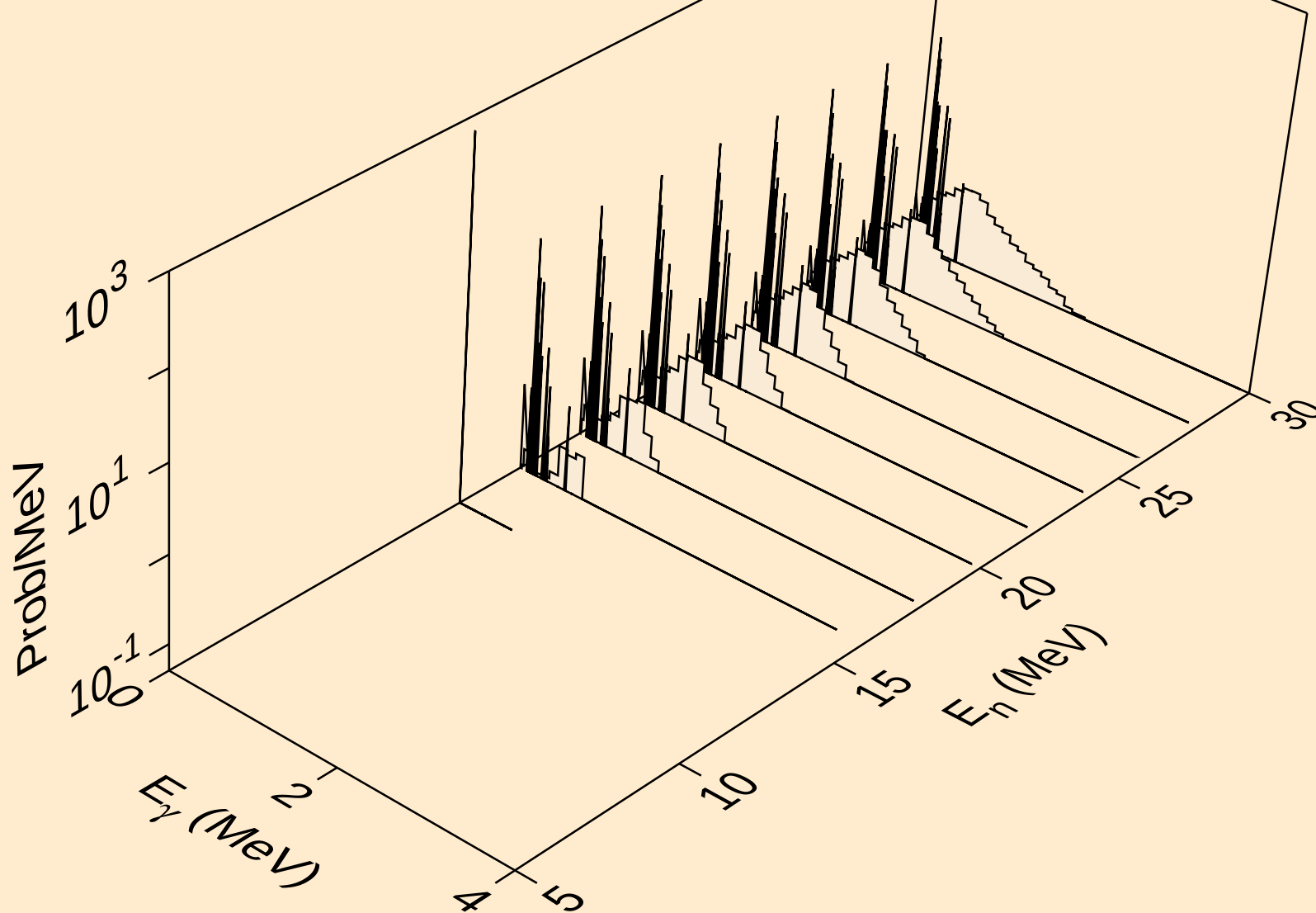


# EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)a

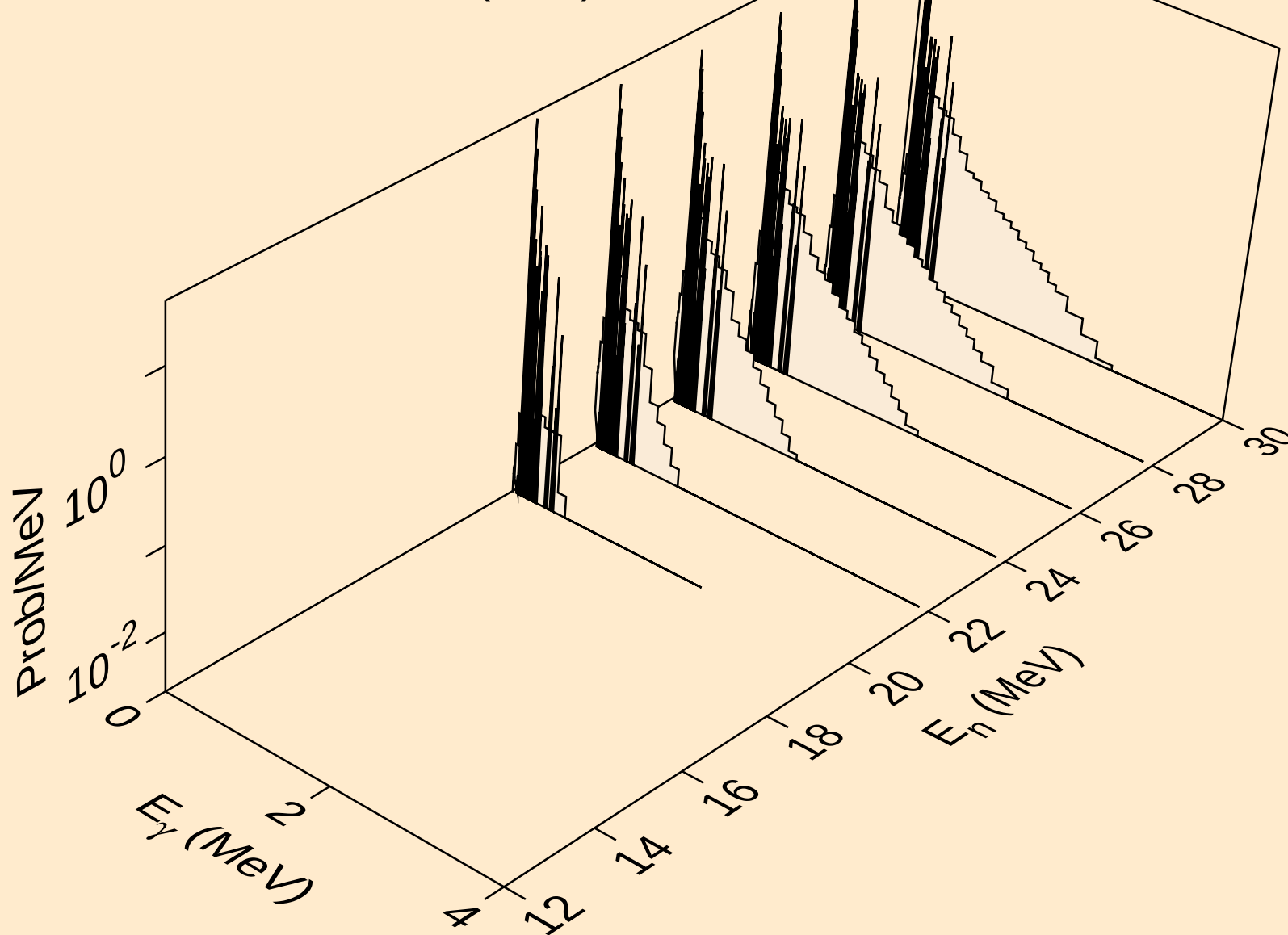


EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

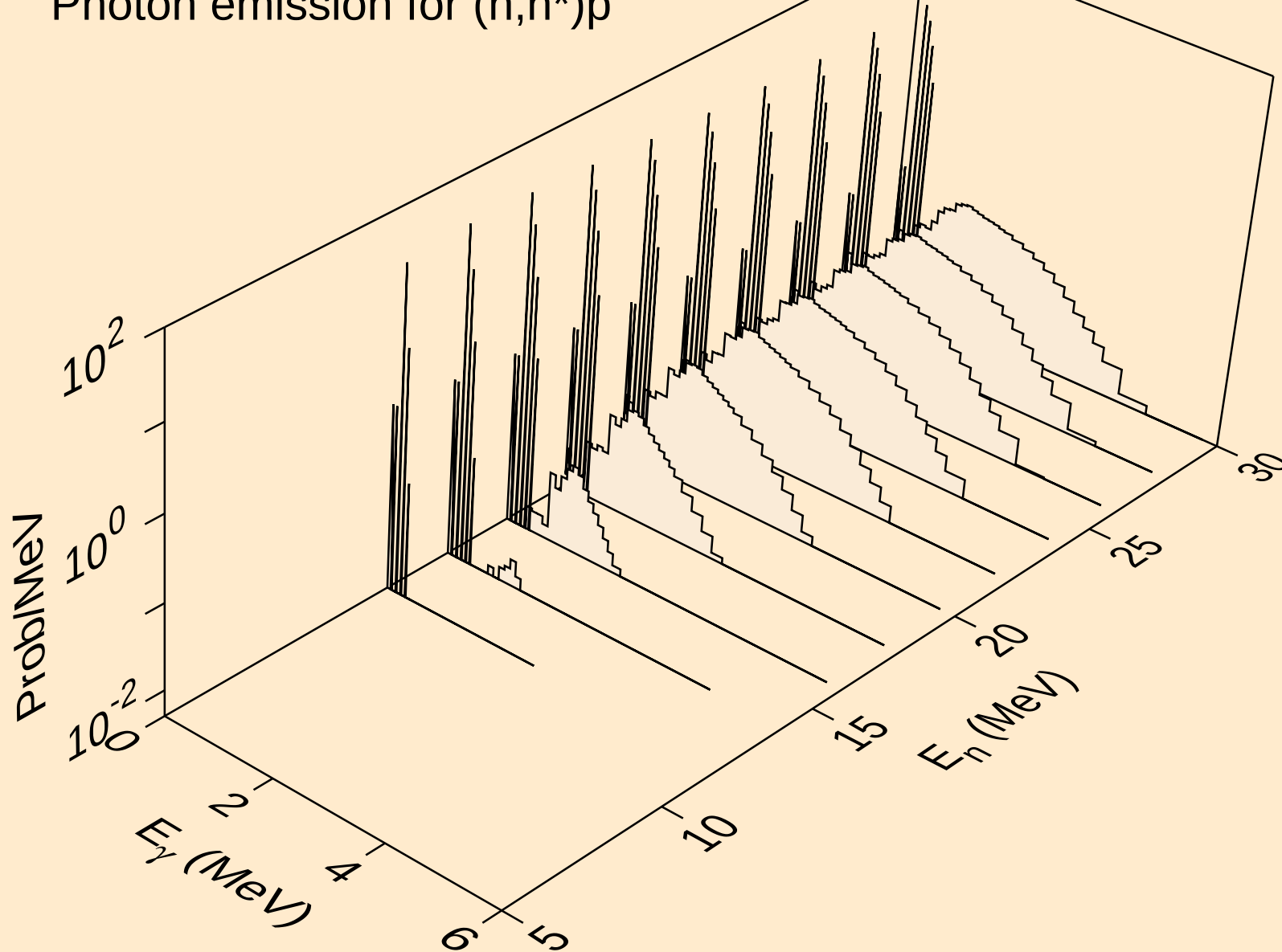


EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,3n)a

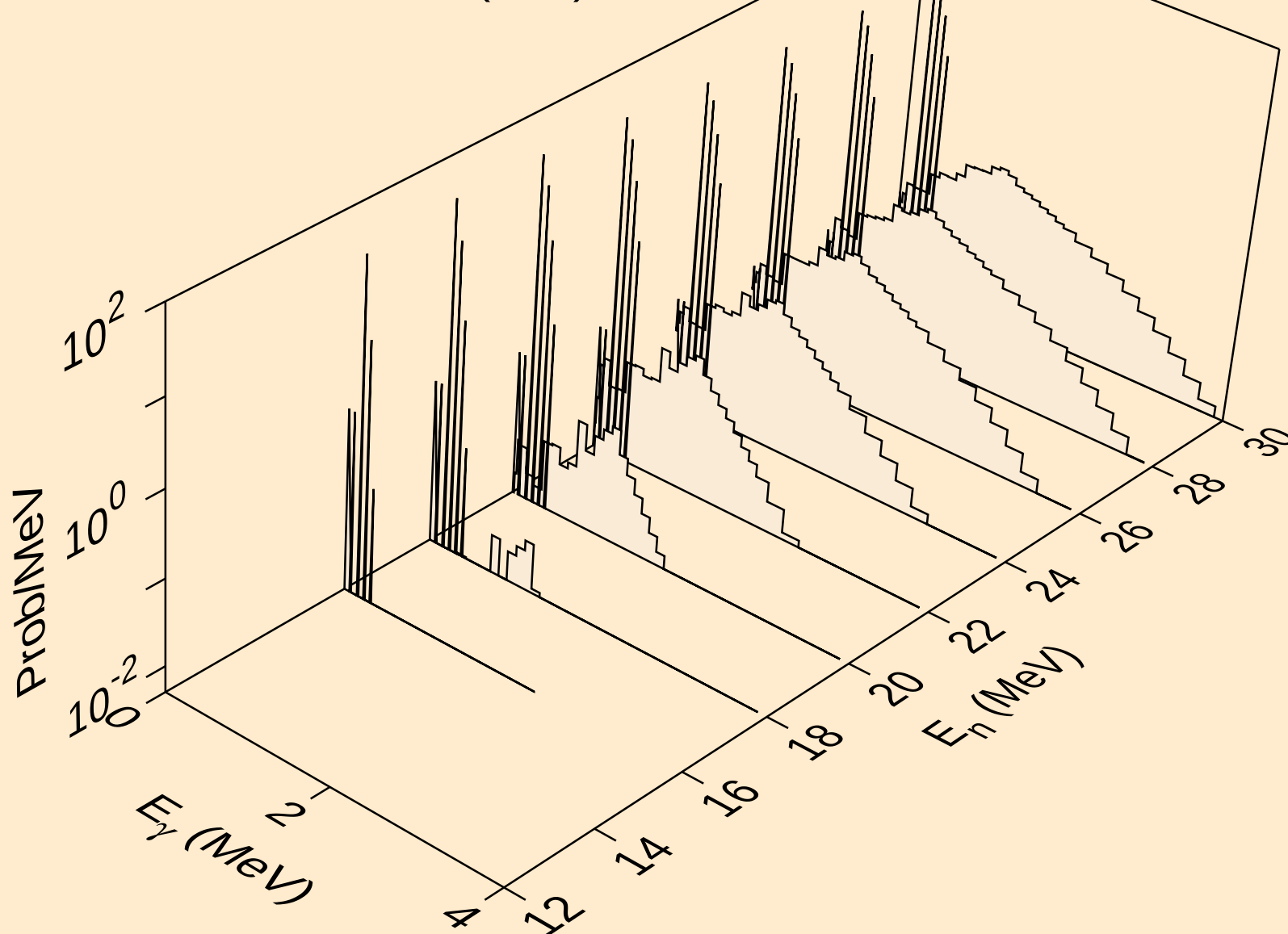


EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



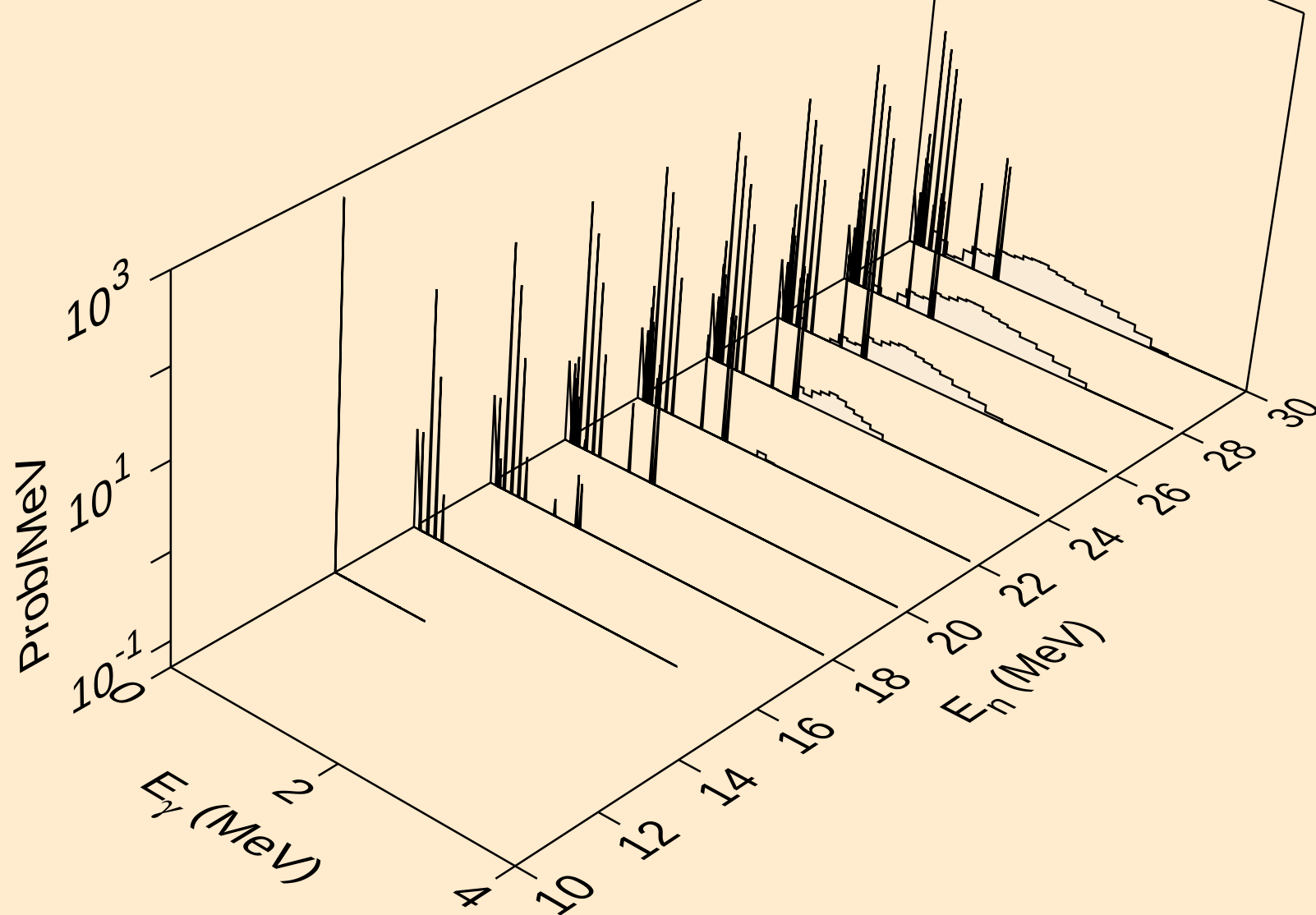
# EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)d

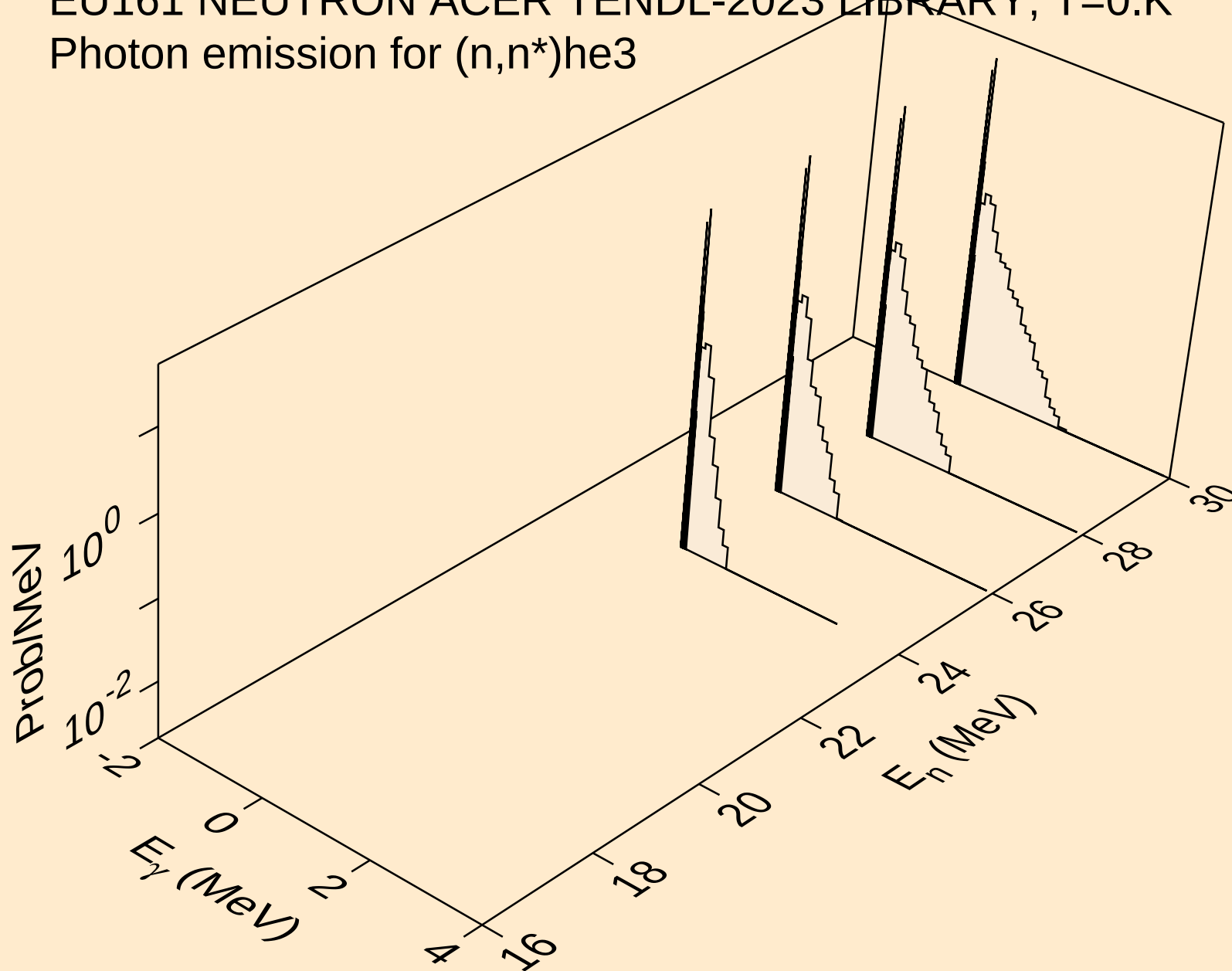


# EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

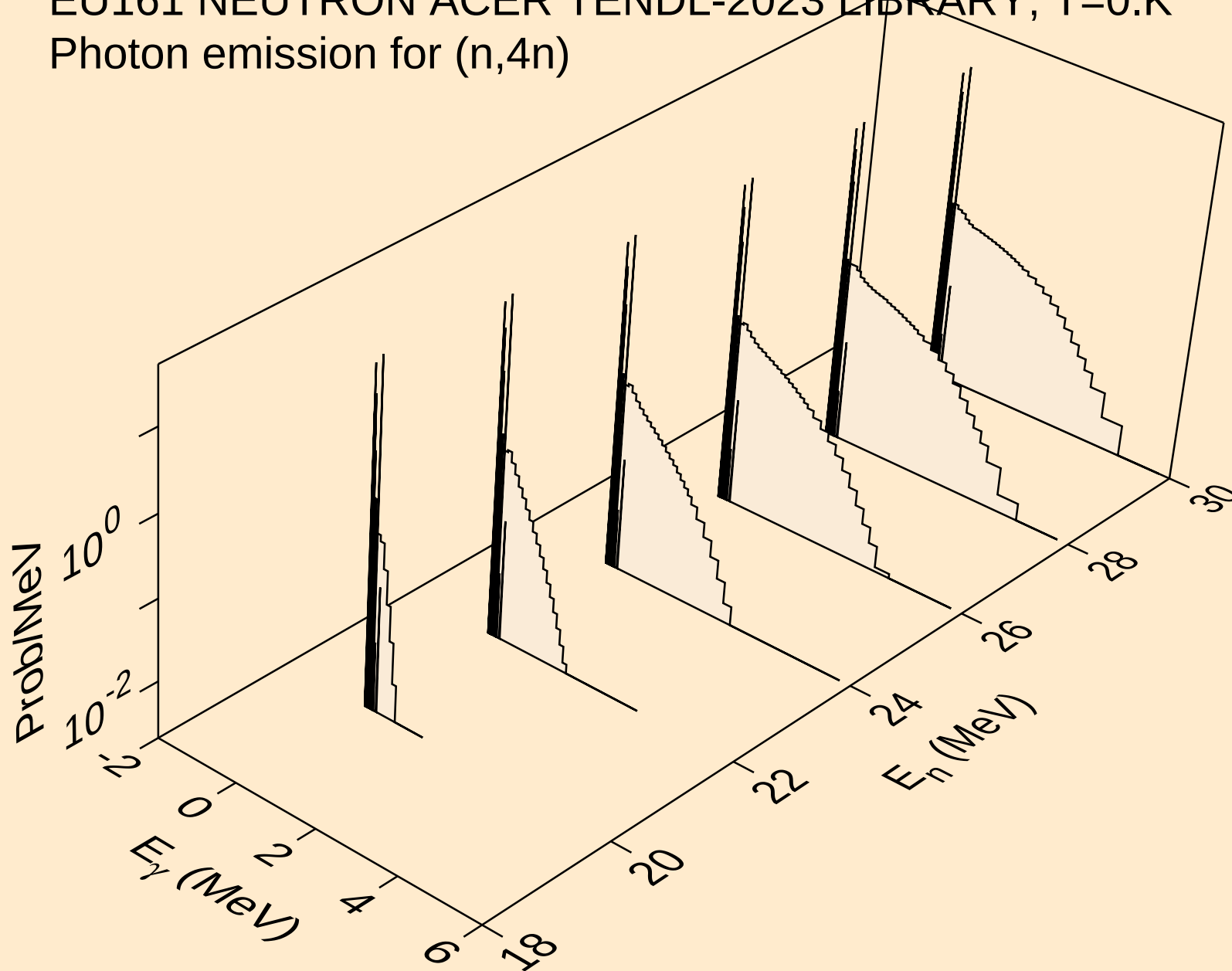
Photon emission for (n,n\*)t



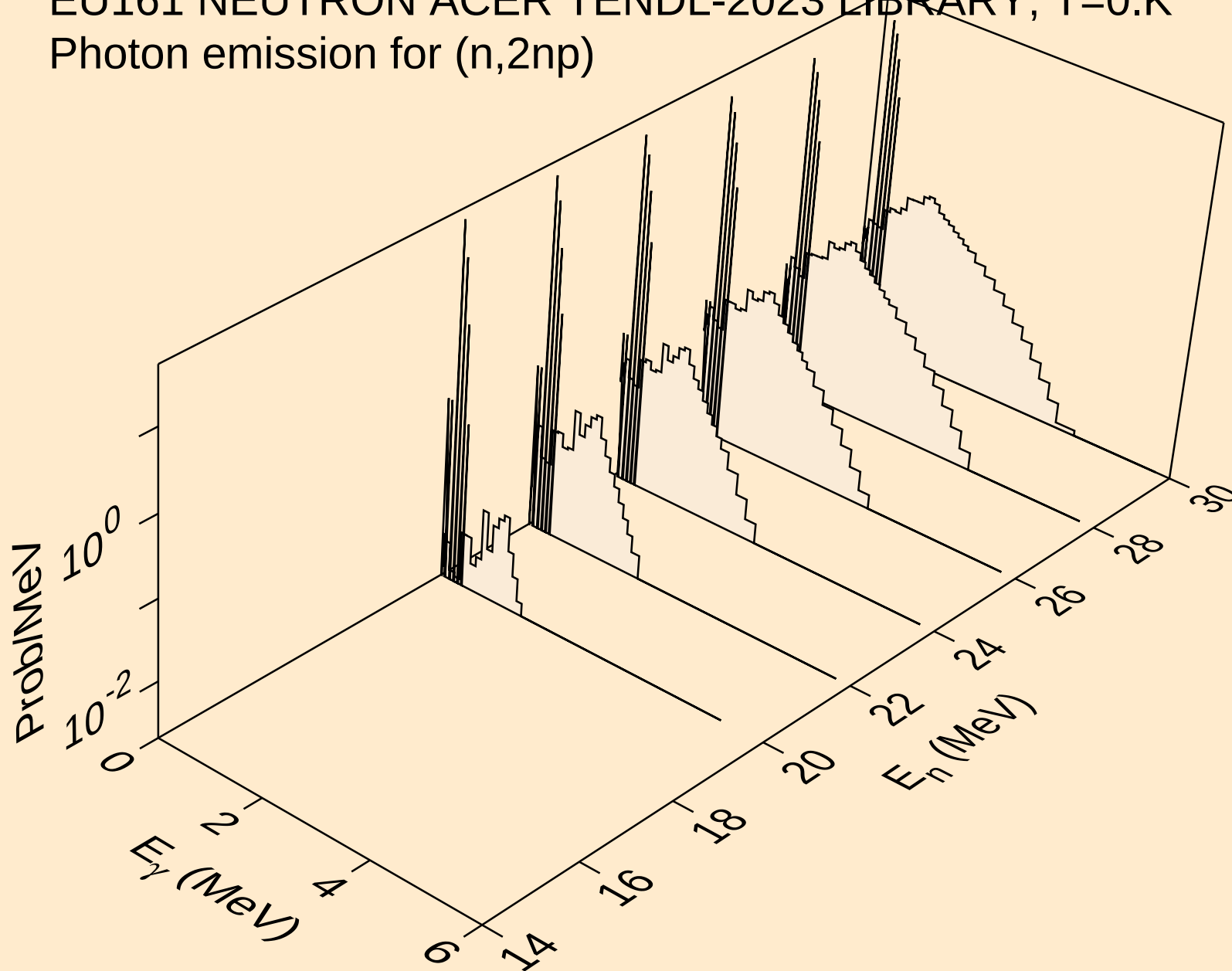
EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



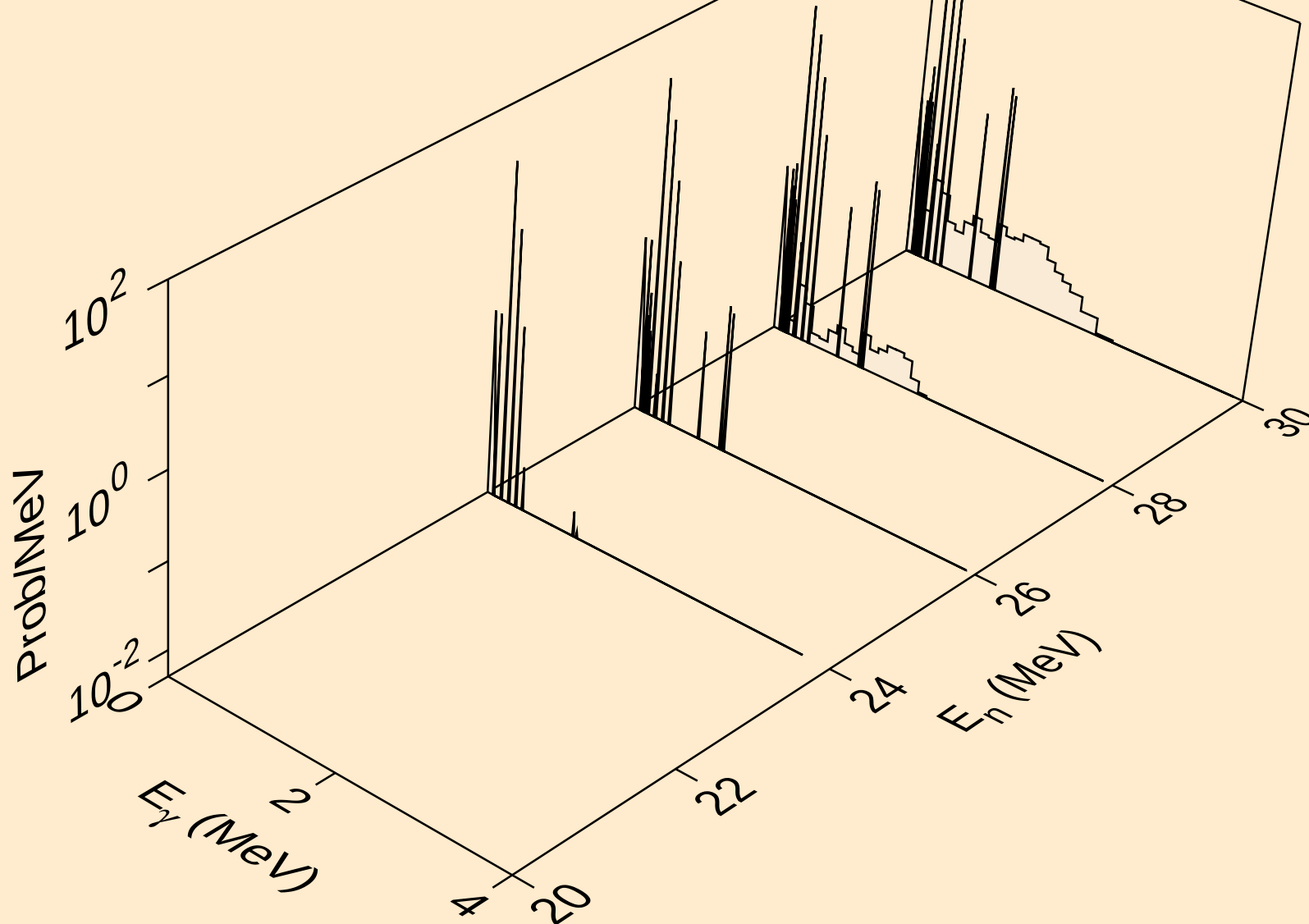
EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



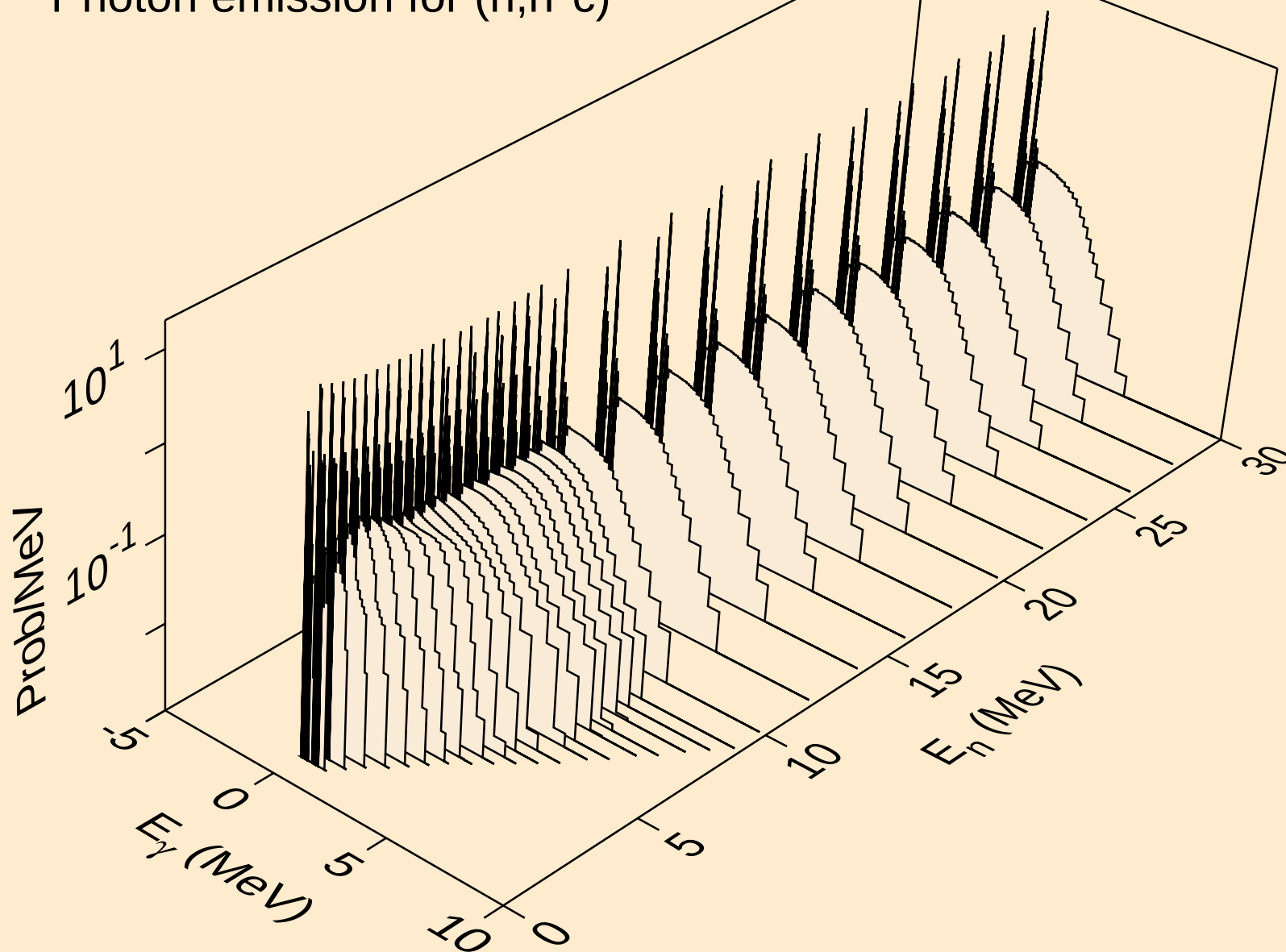
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Photon emission for (n,2np)



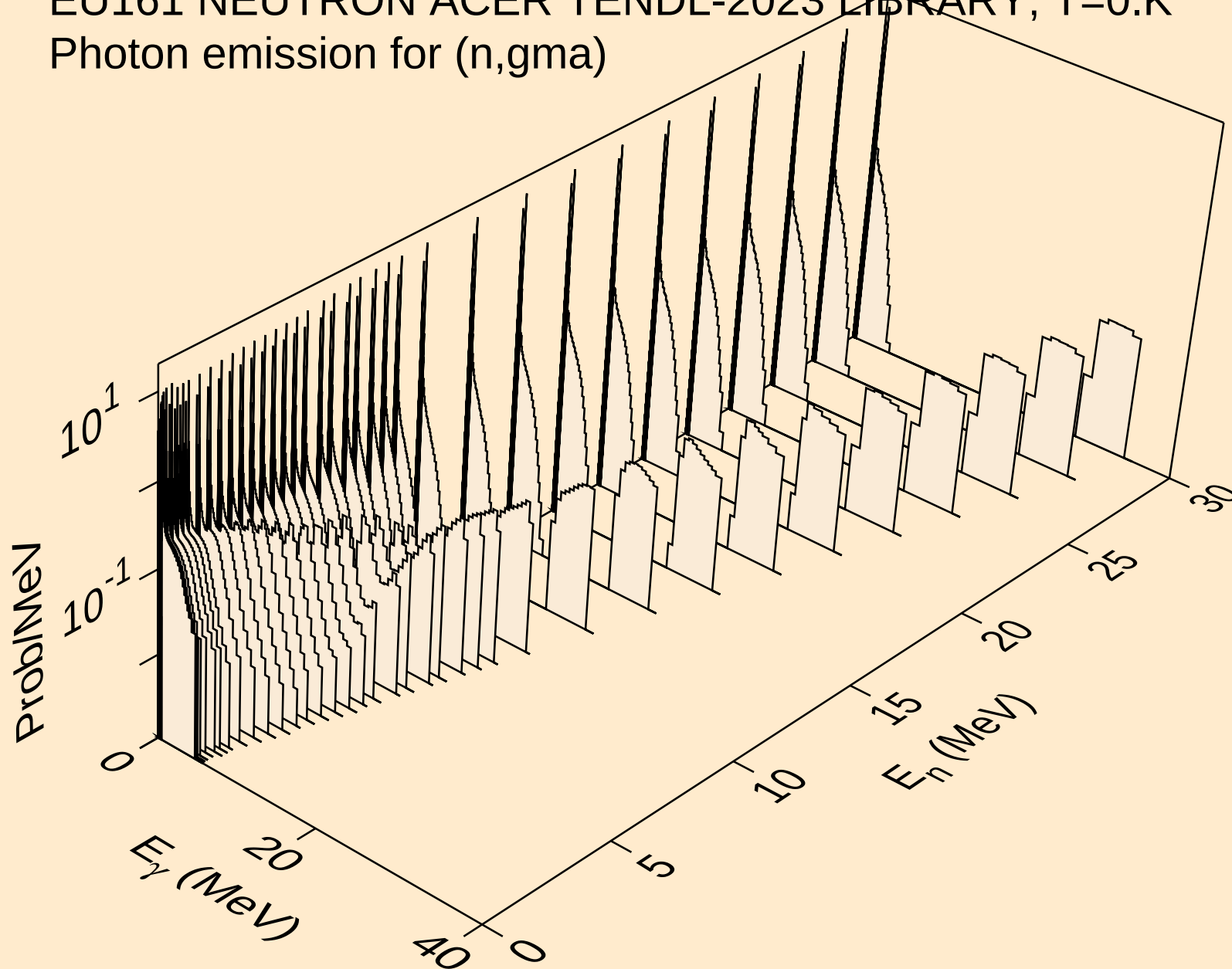
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Photon emission for (n,3np)



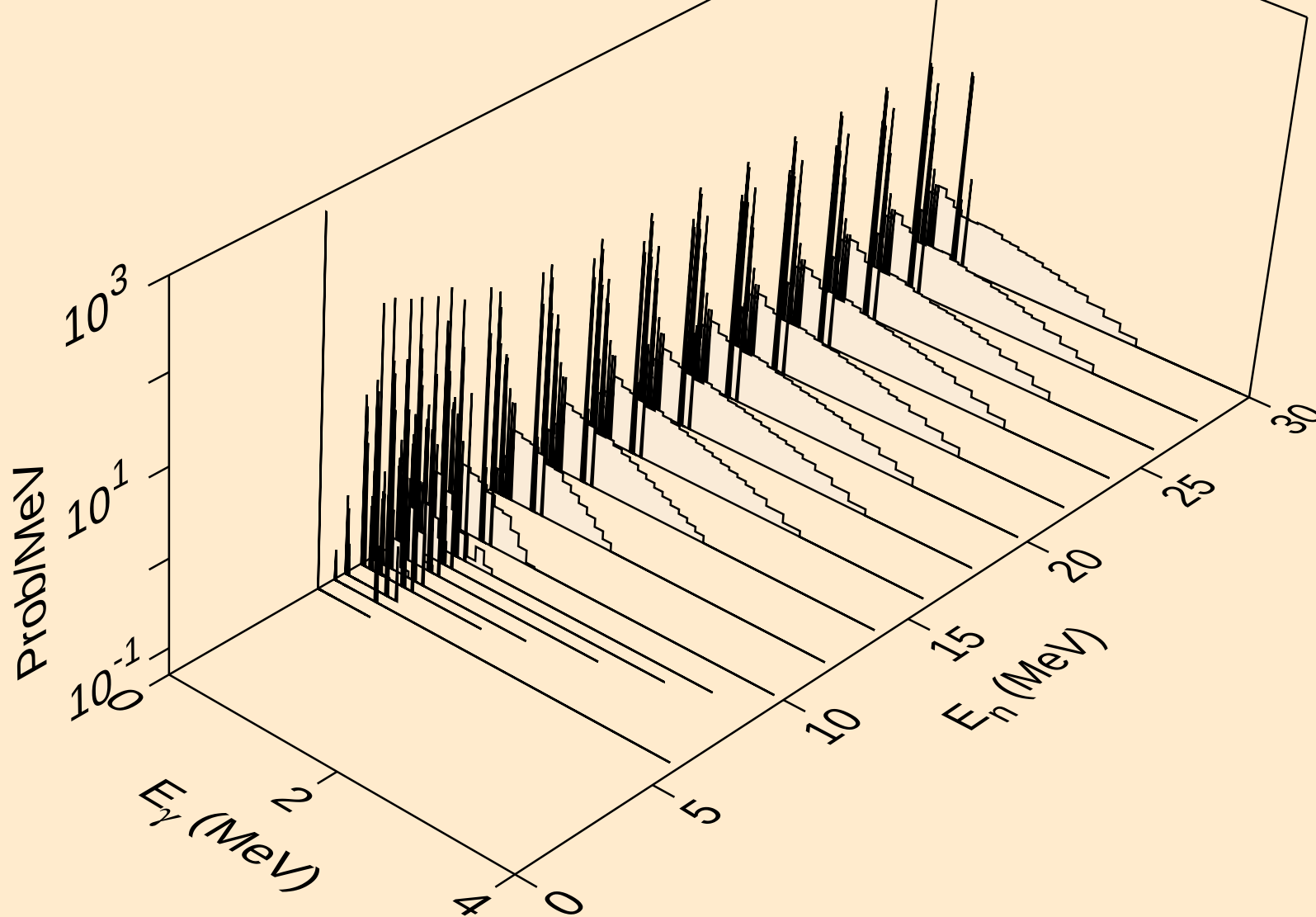
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Photon emission for (n,n\*c)



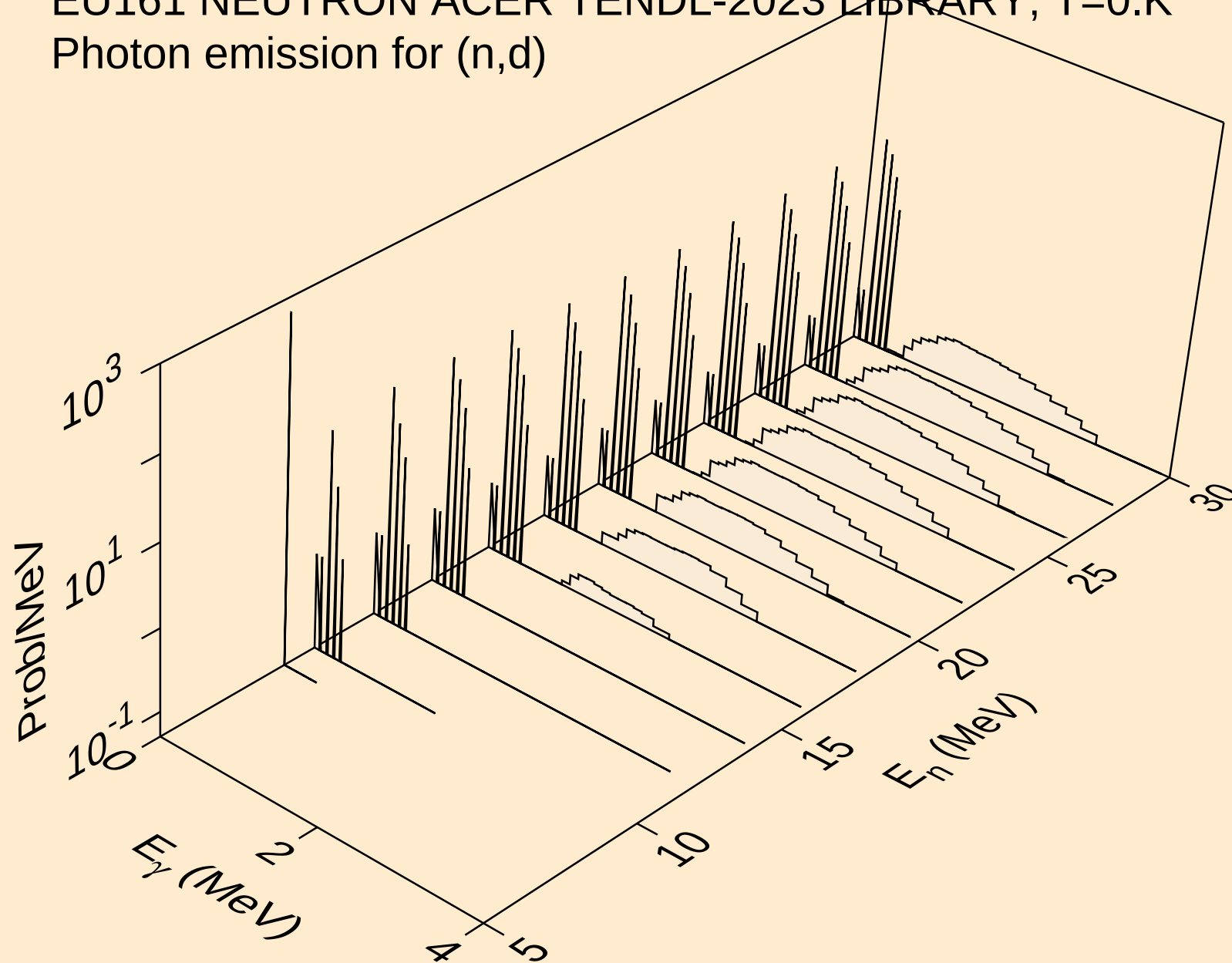
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Photon emission for (n,gma)



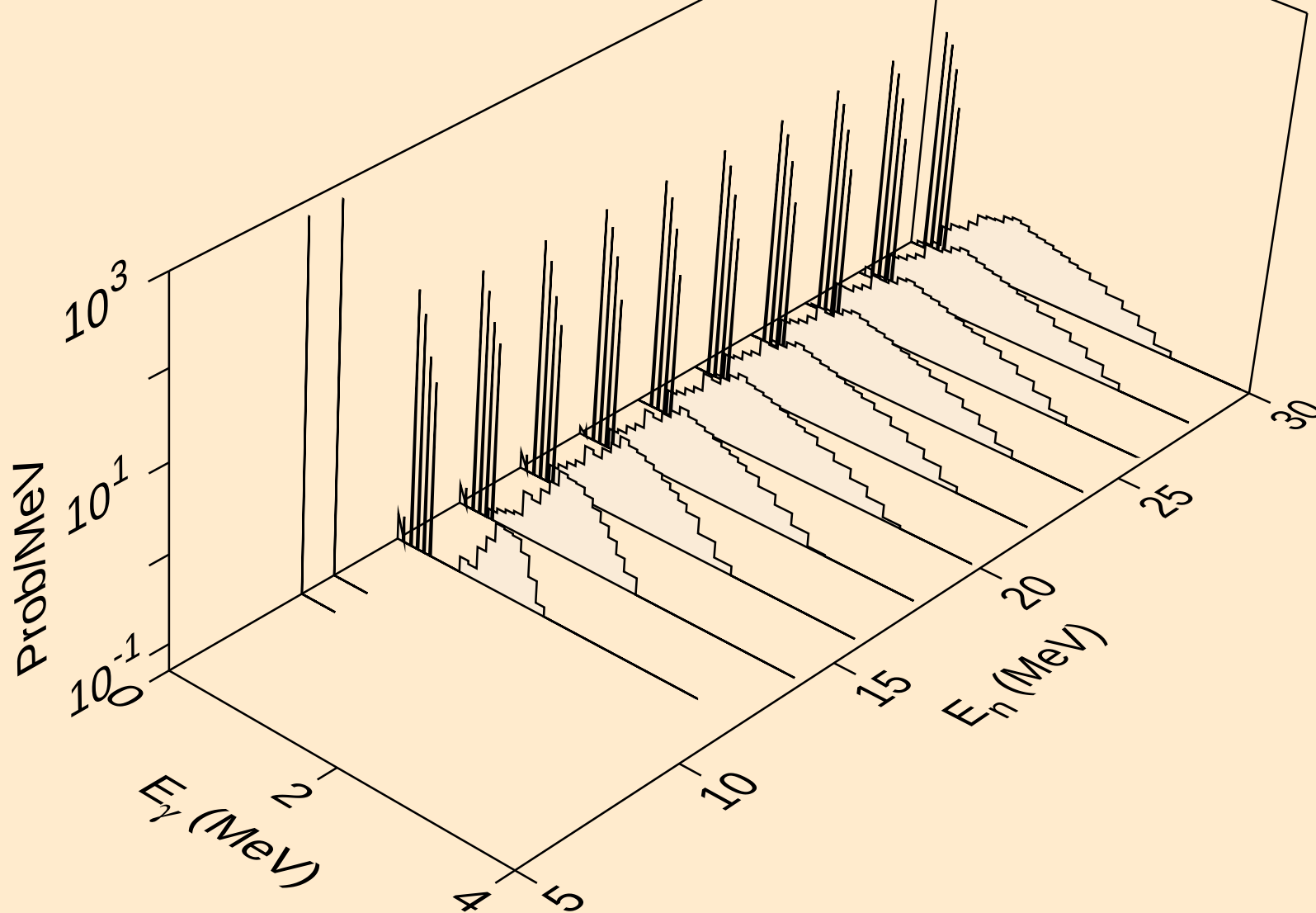
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Photon emission for (n,p)



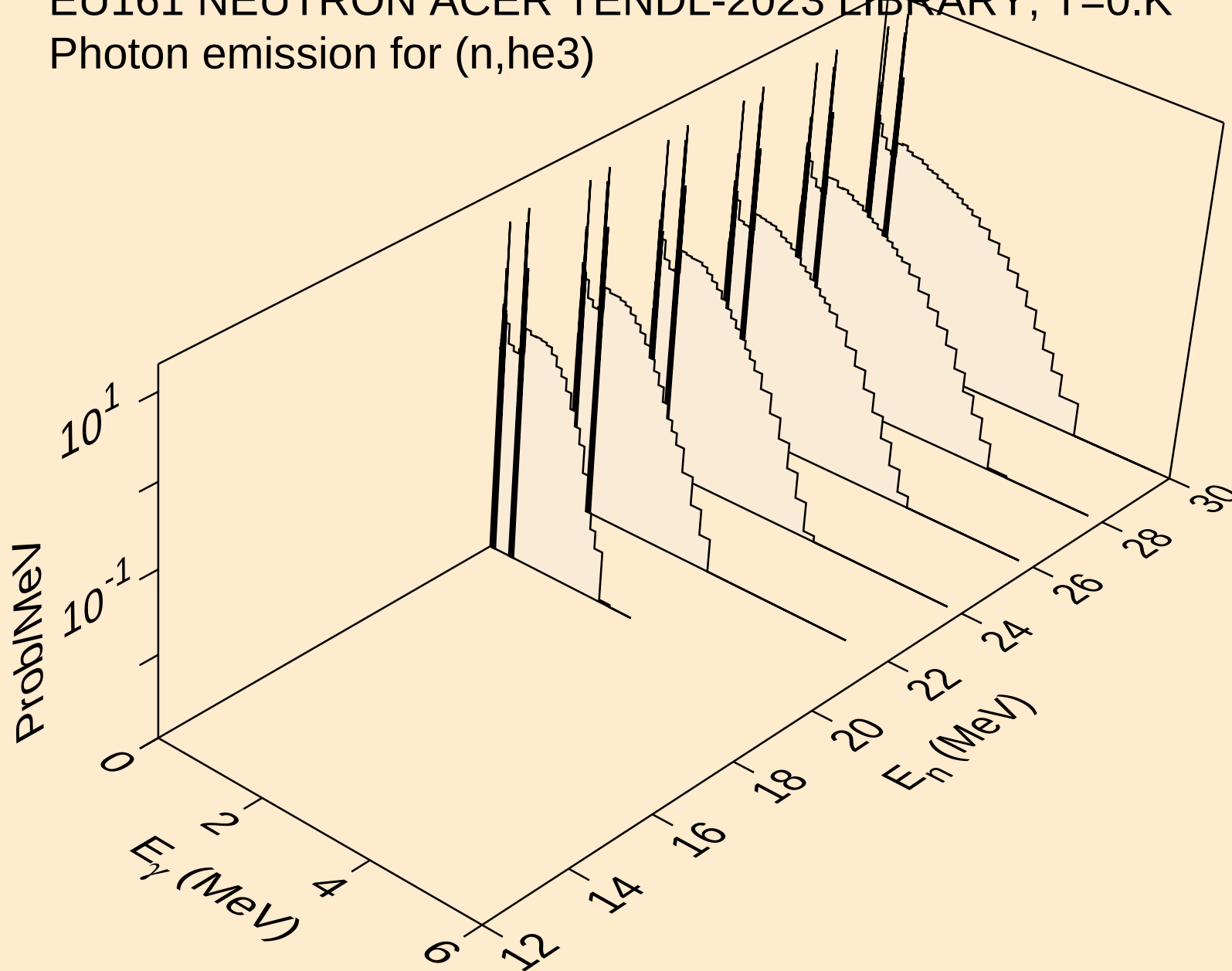
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Photon emission for (n,d)



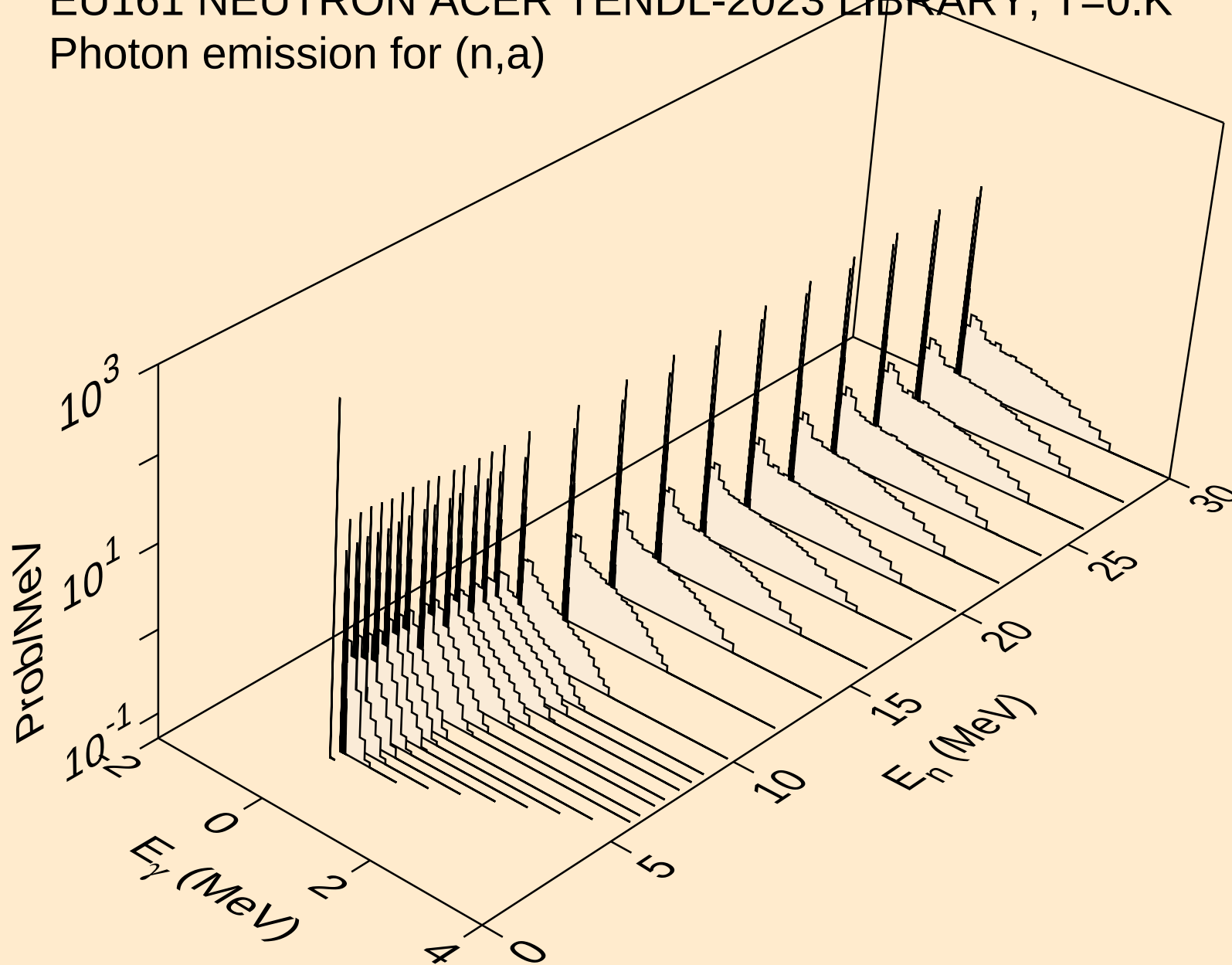
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Photon emission for (n,t)



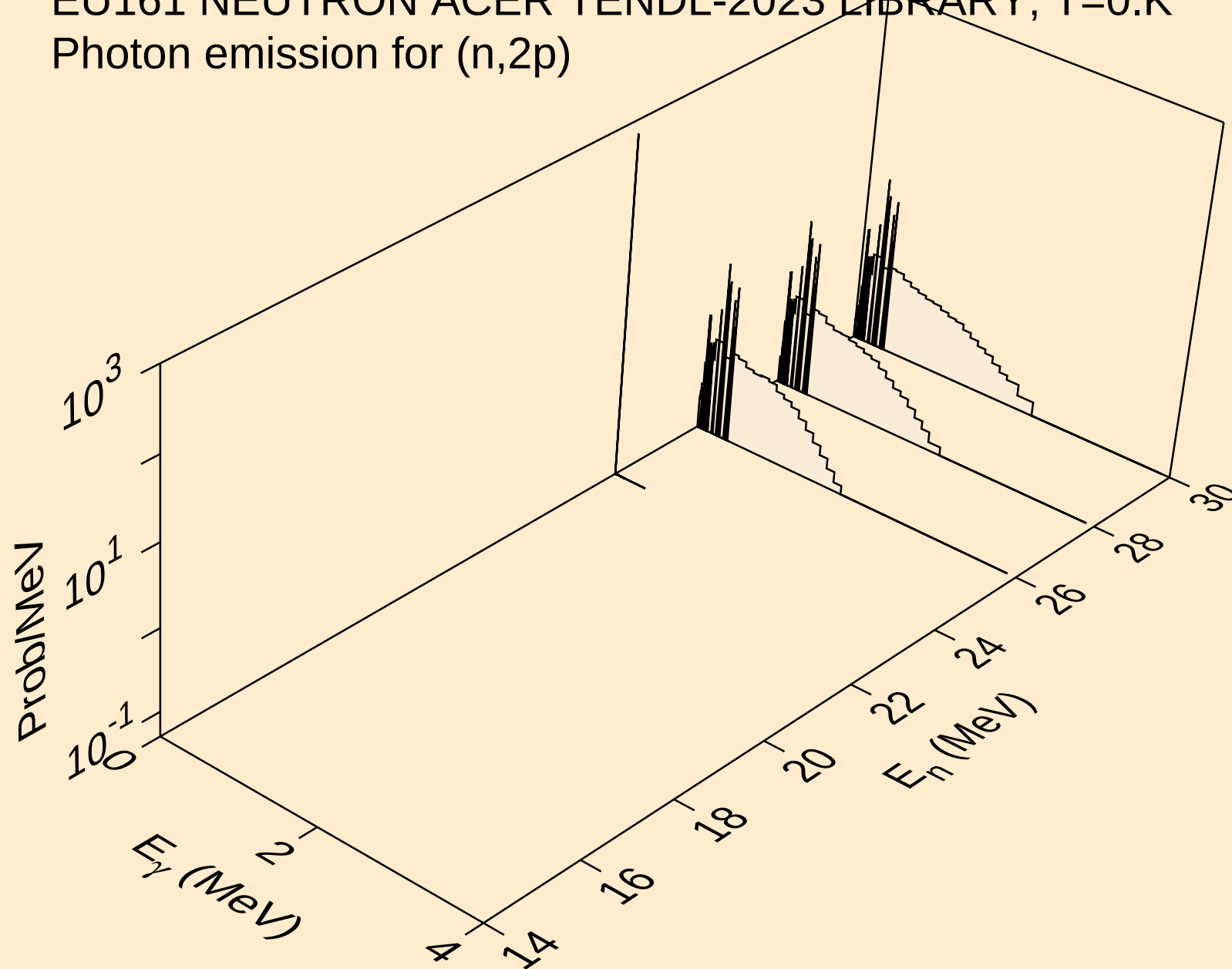
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Photon emission for (n,he3)



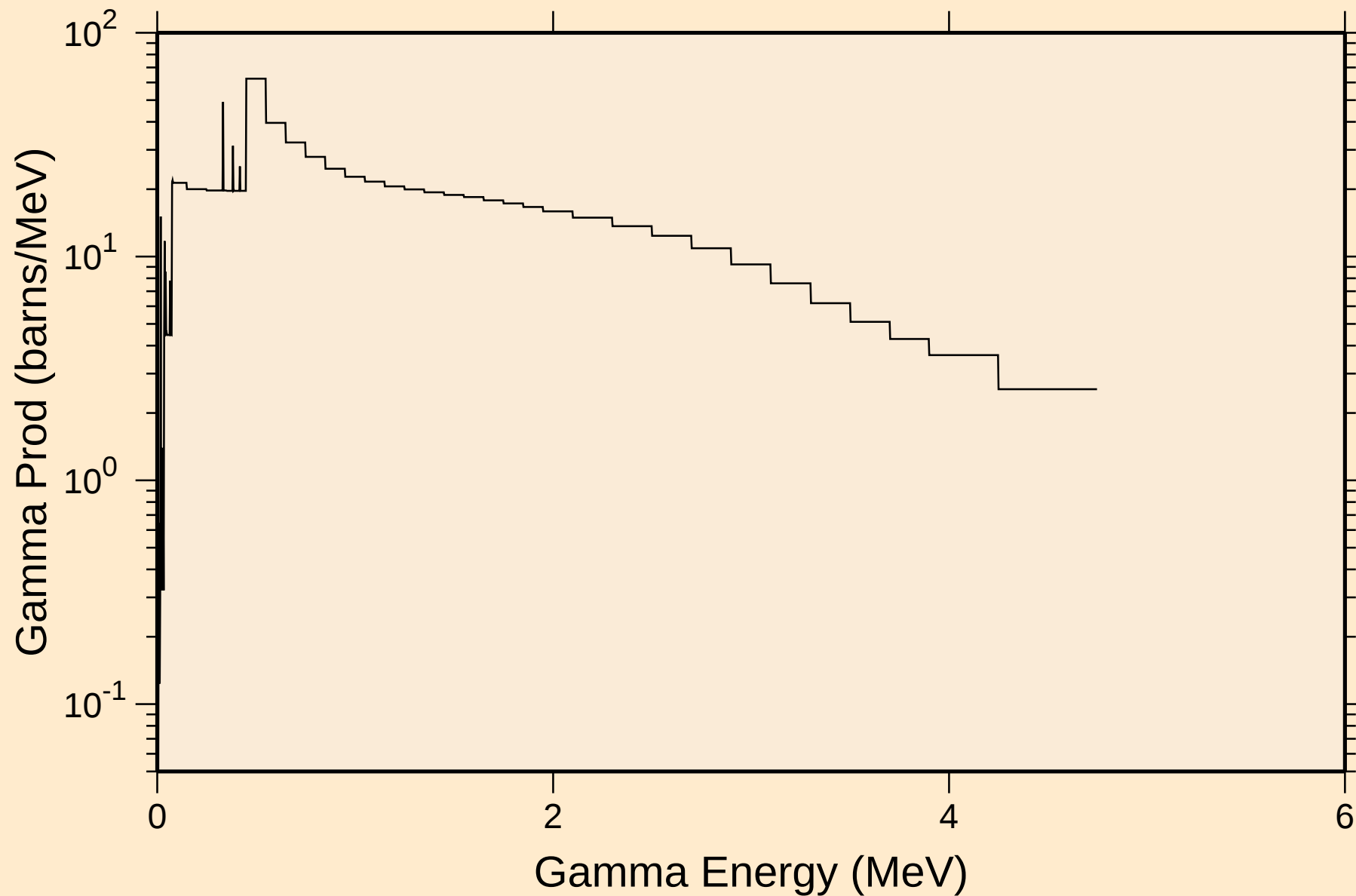
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Photon emission for (n,a)



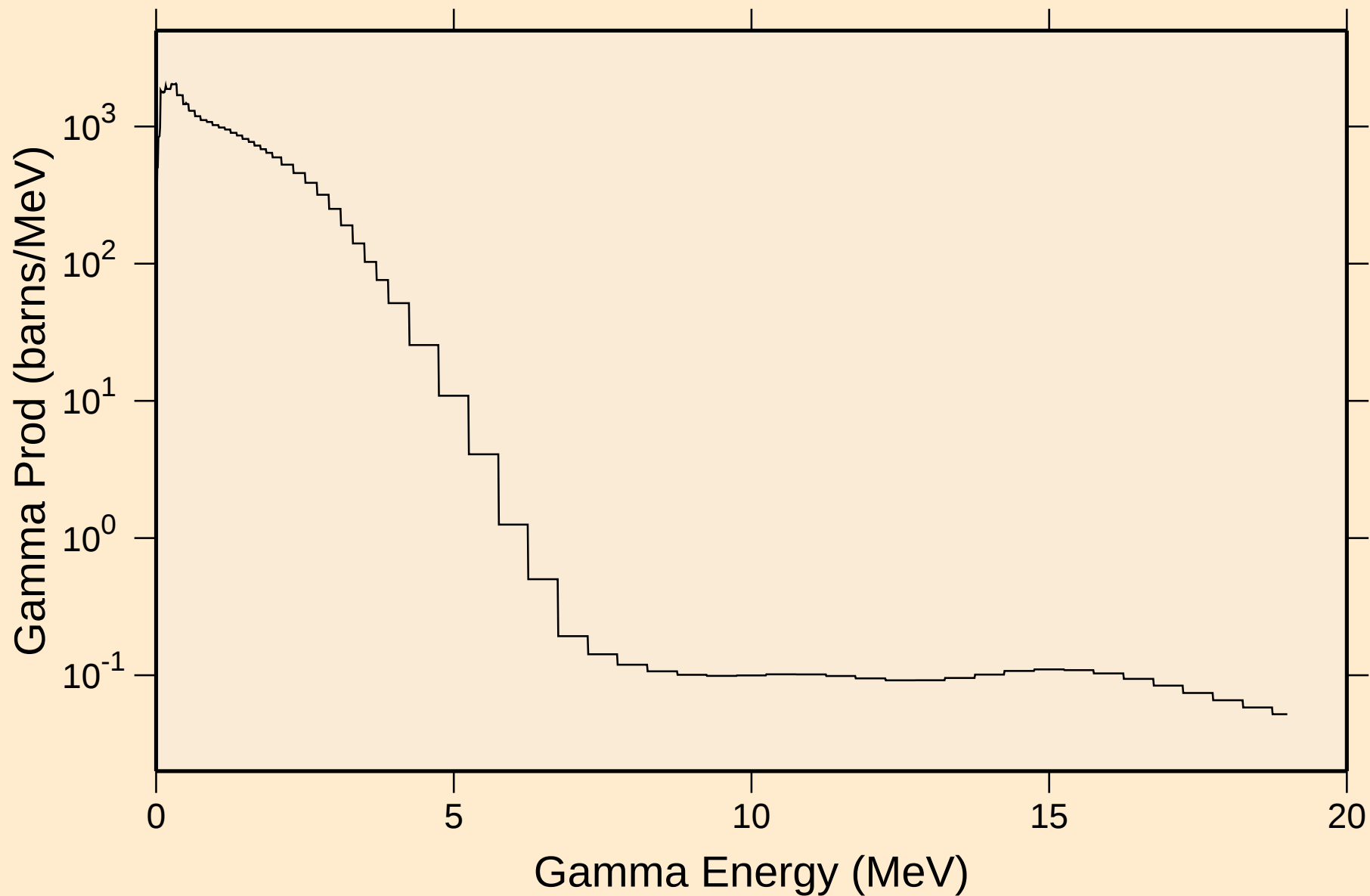
EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

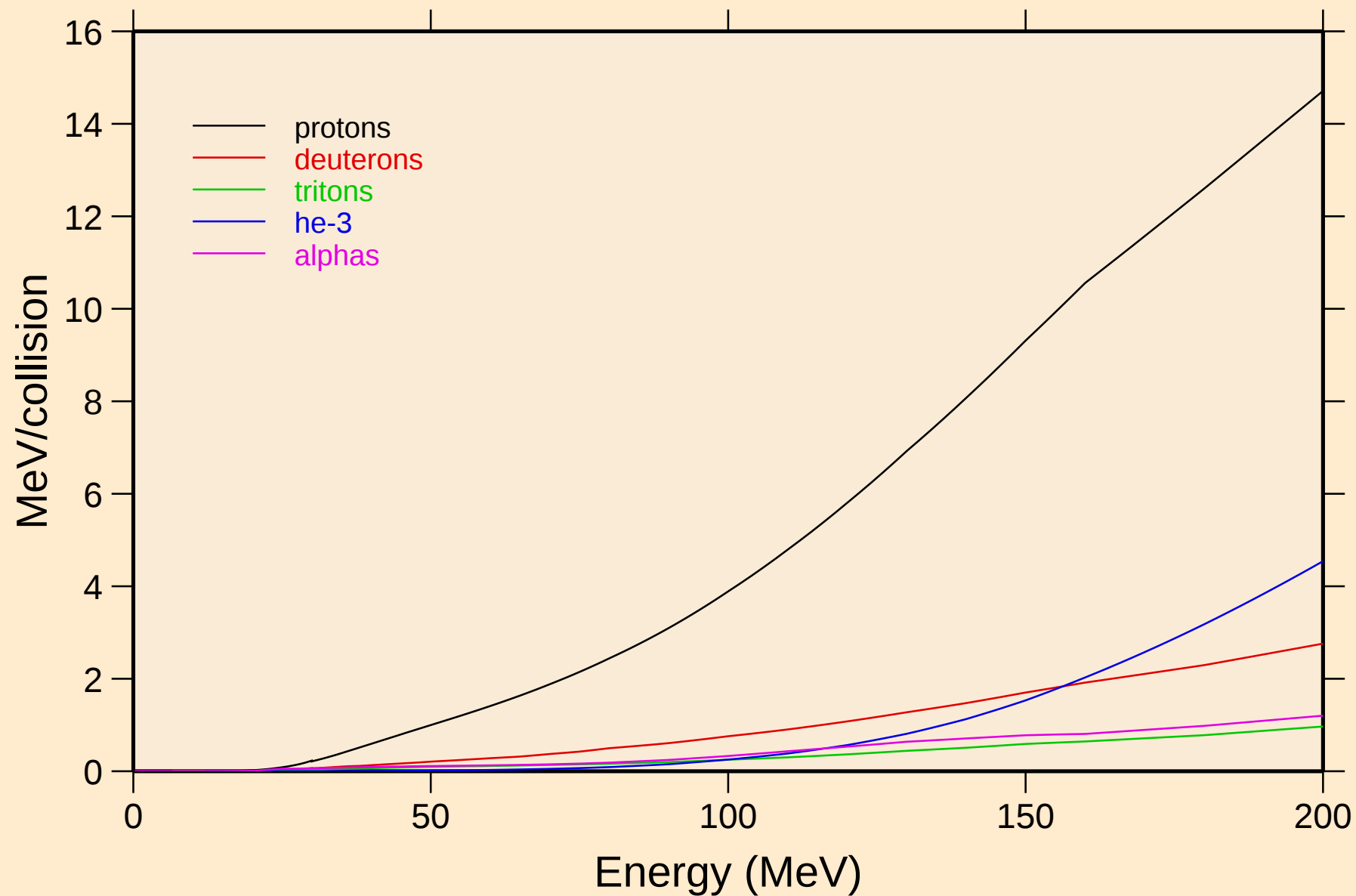


EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

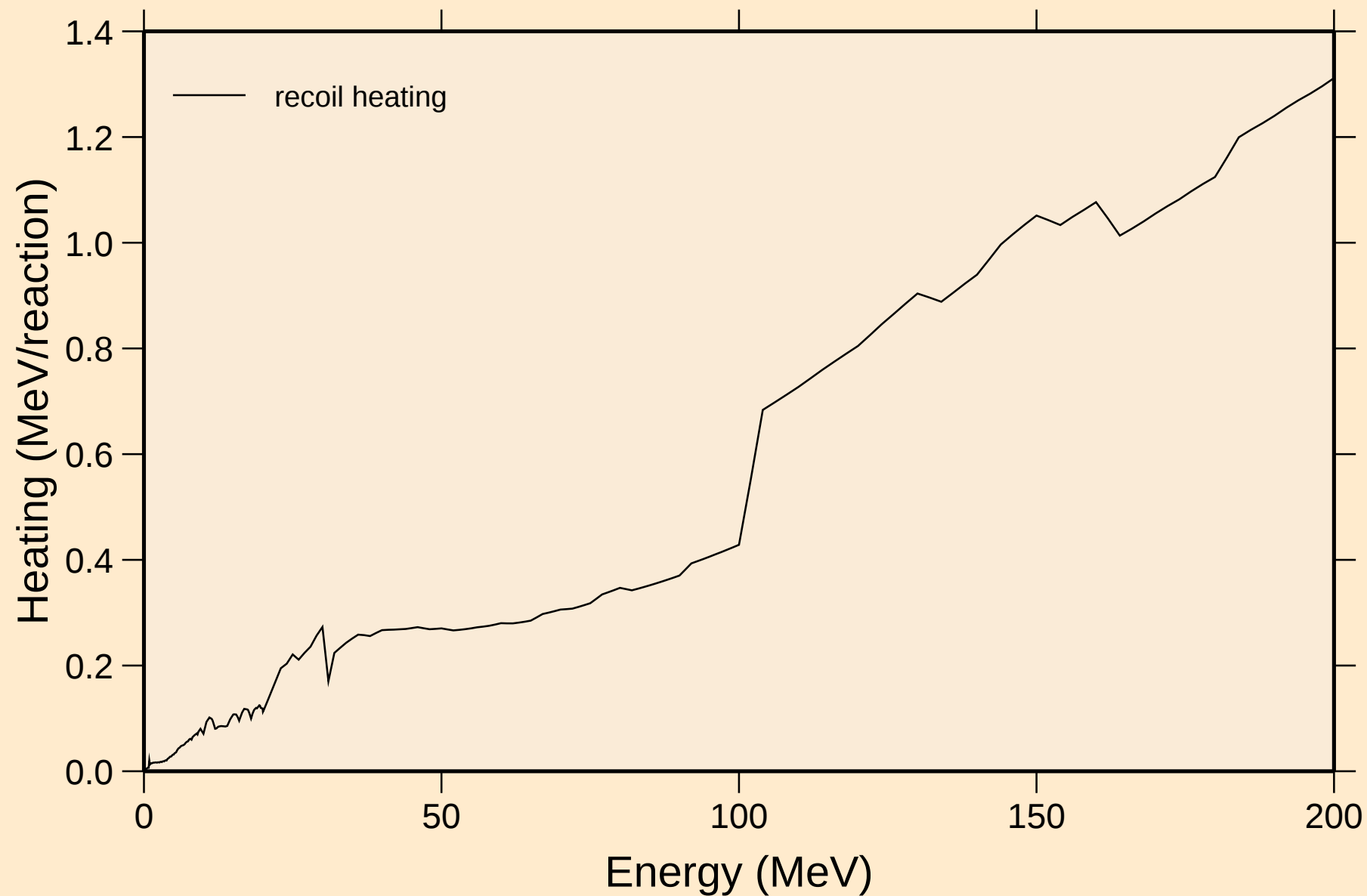


# EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

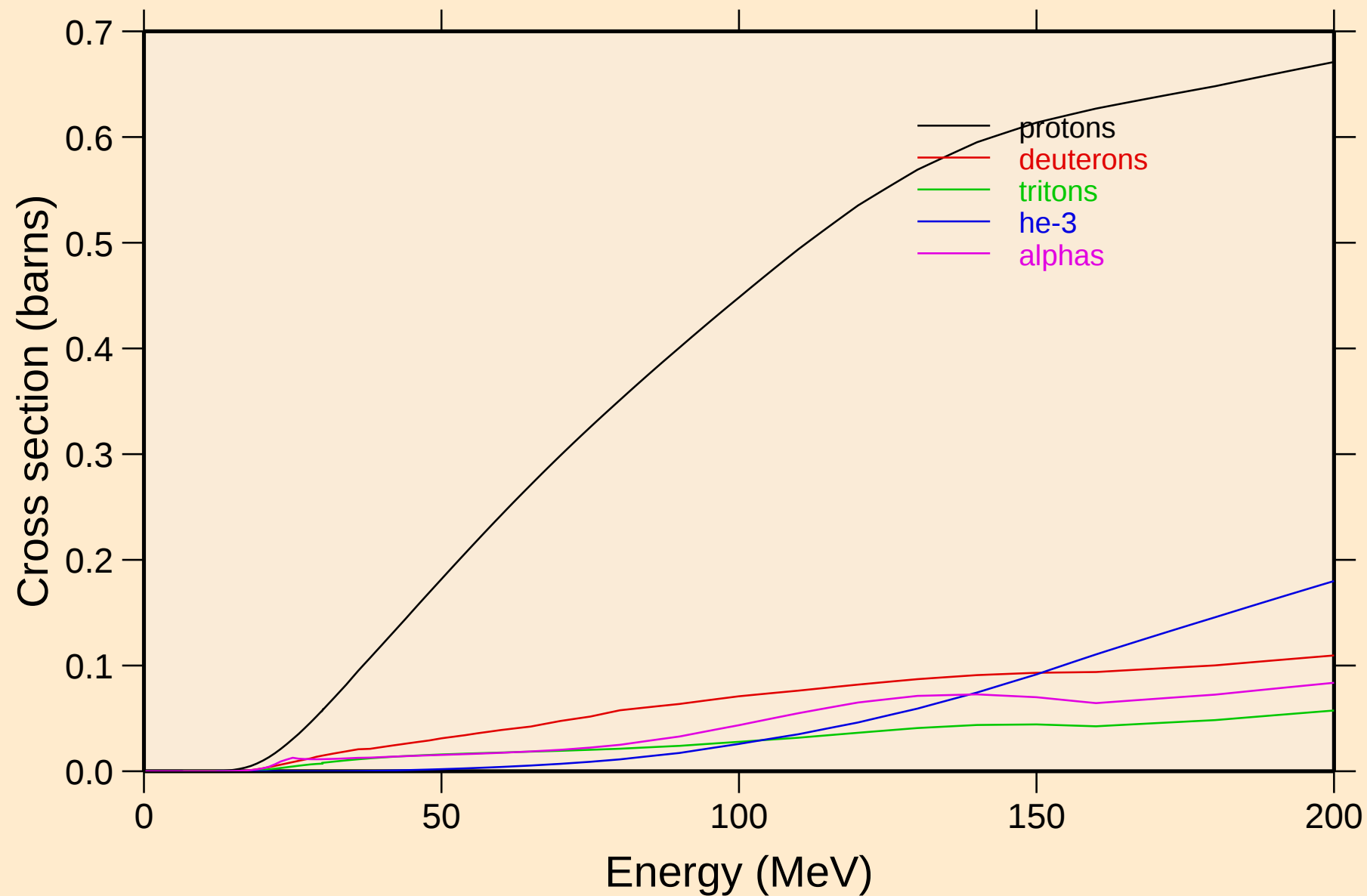


EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

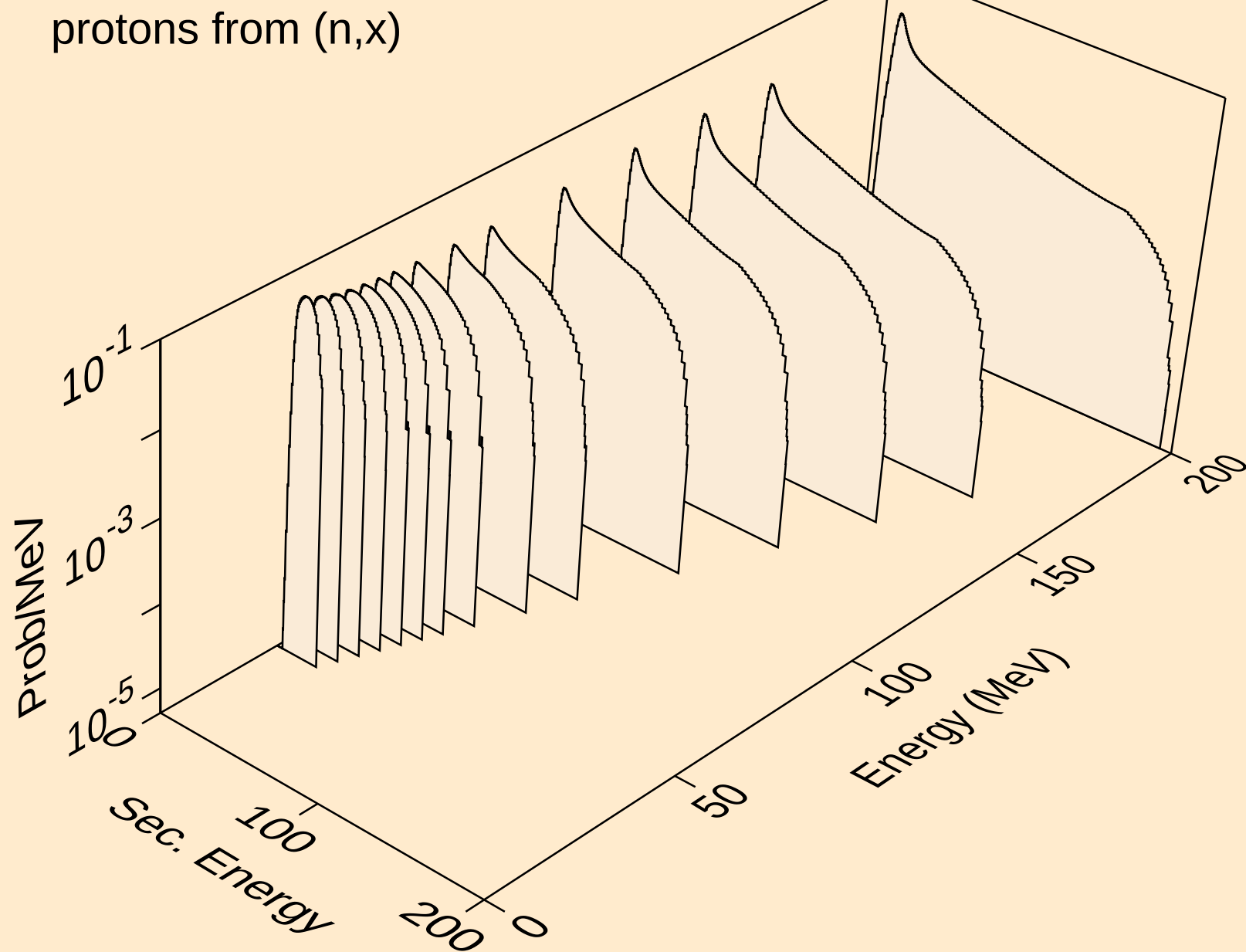


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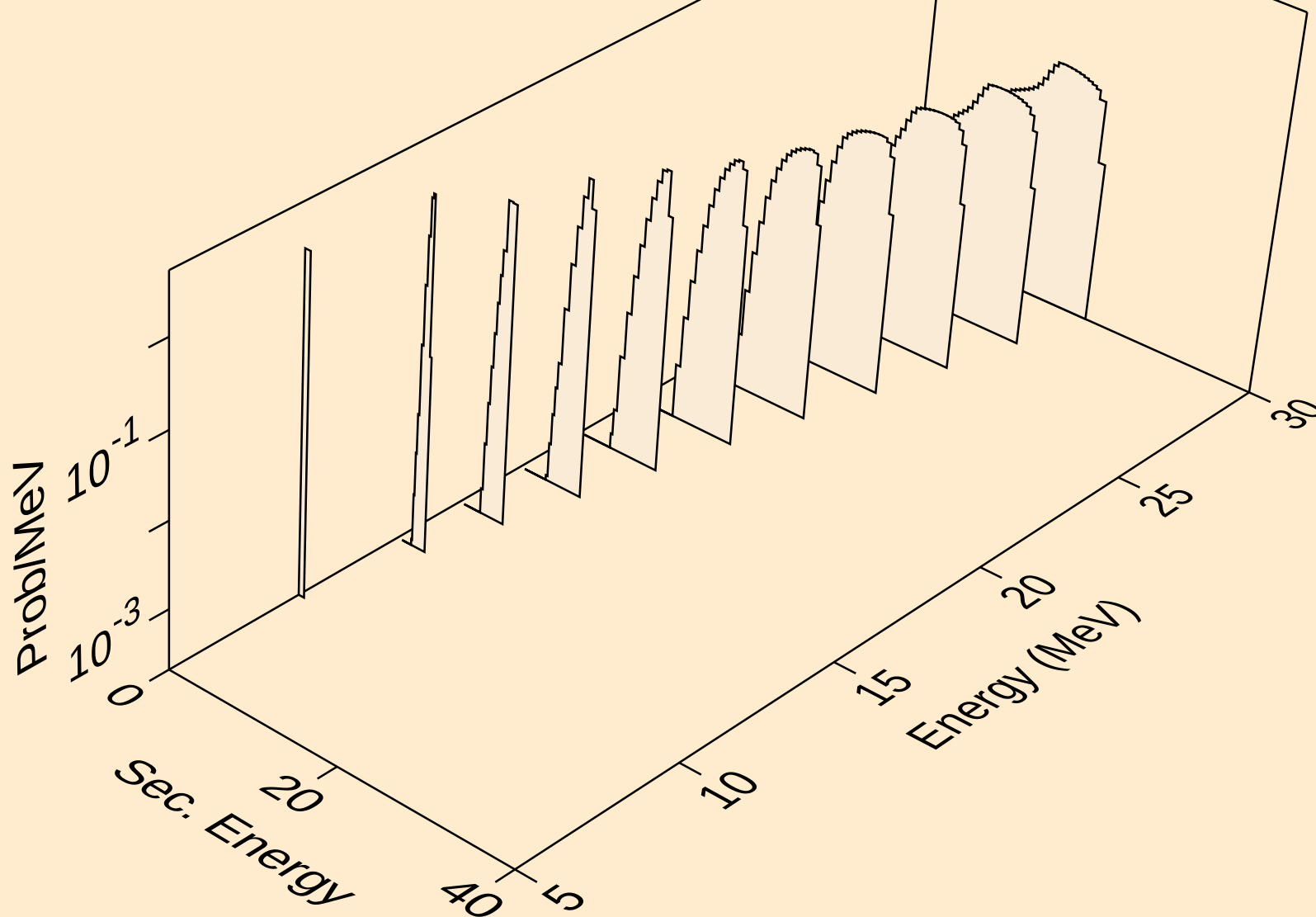
## Particle production cross sections



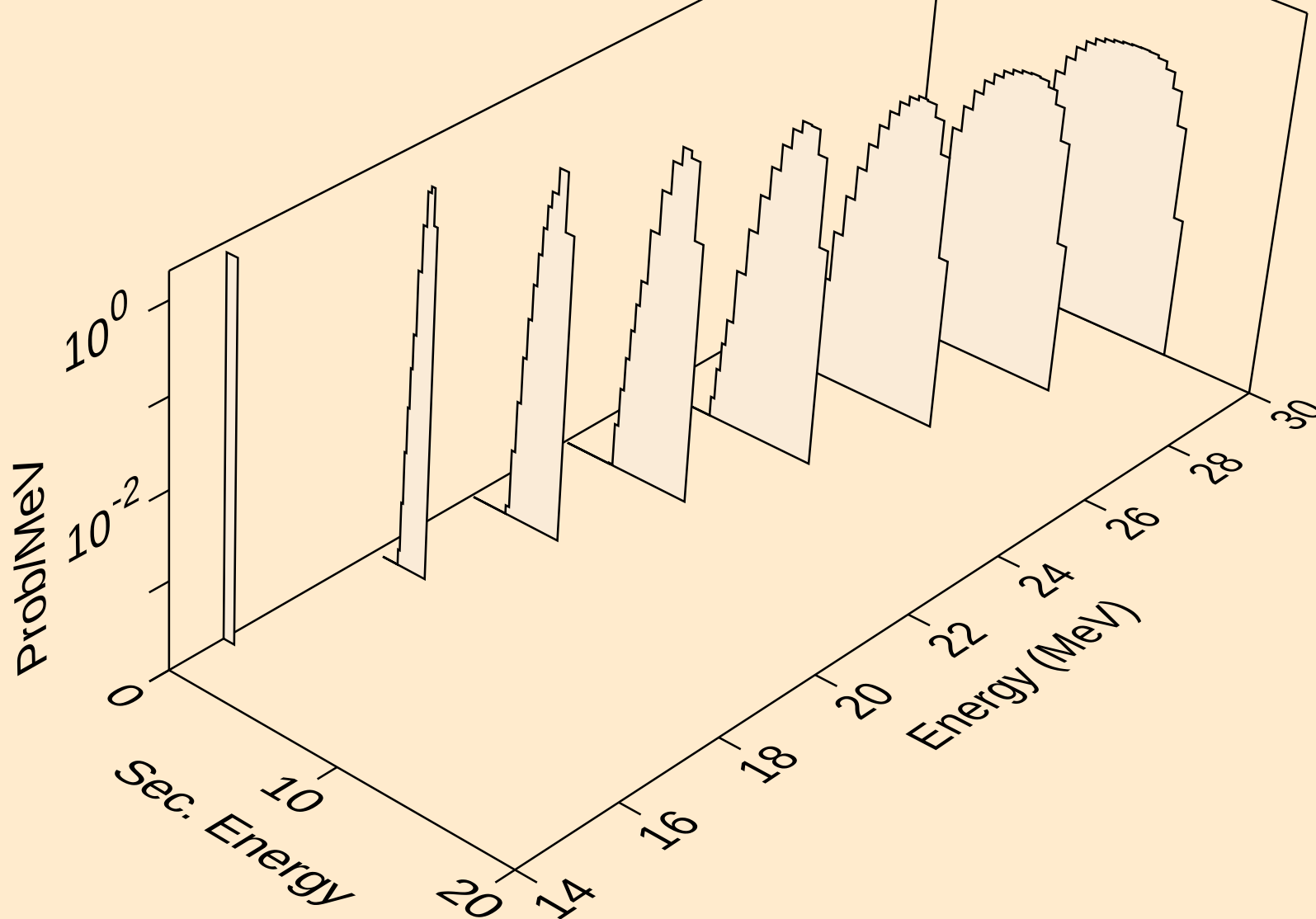
EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



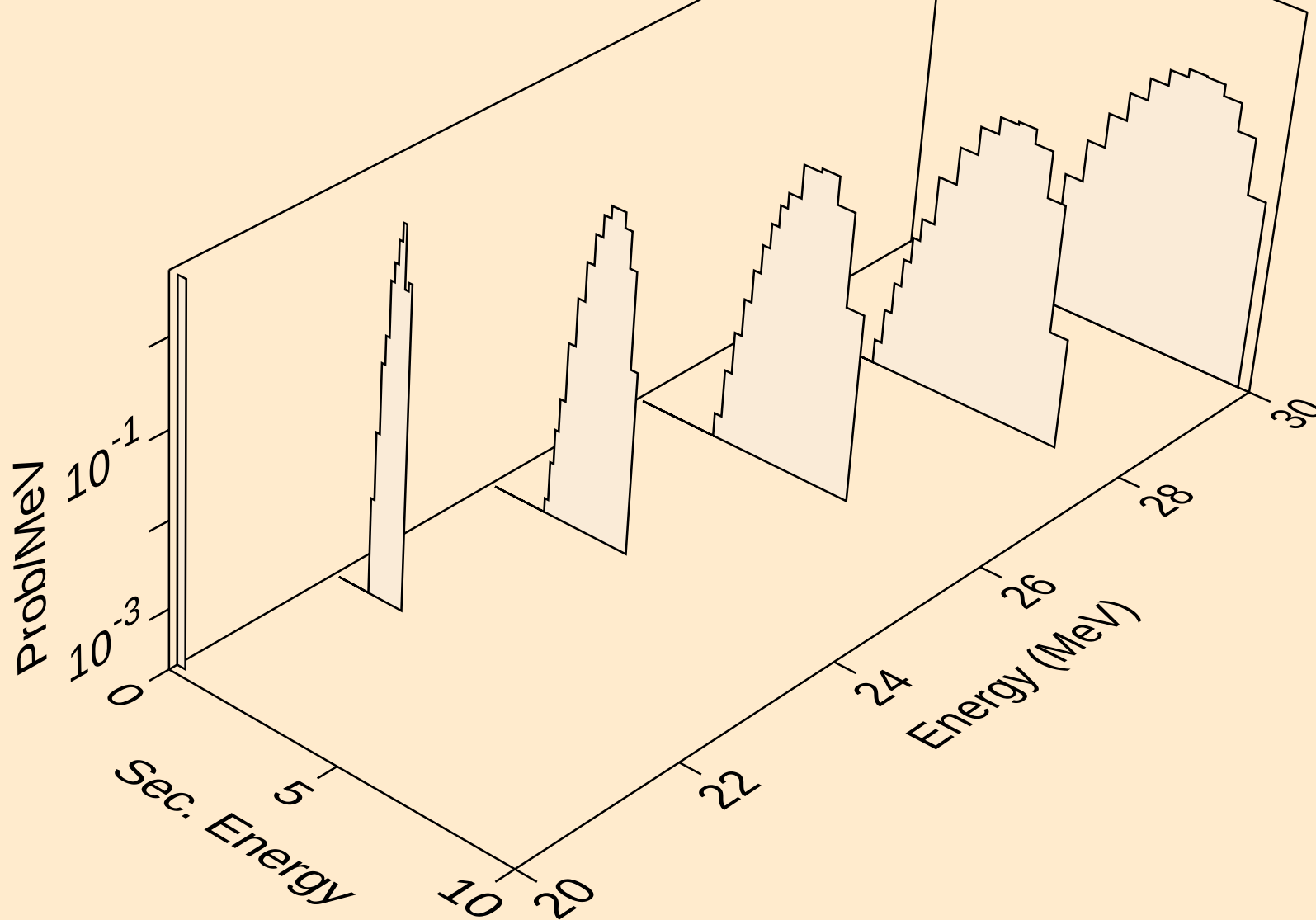
EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



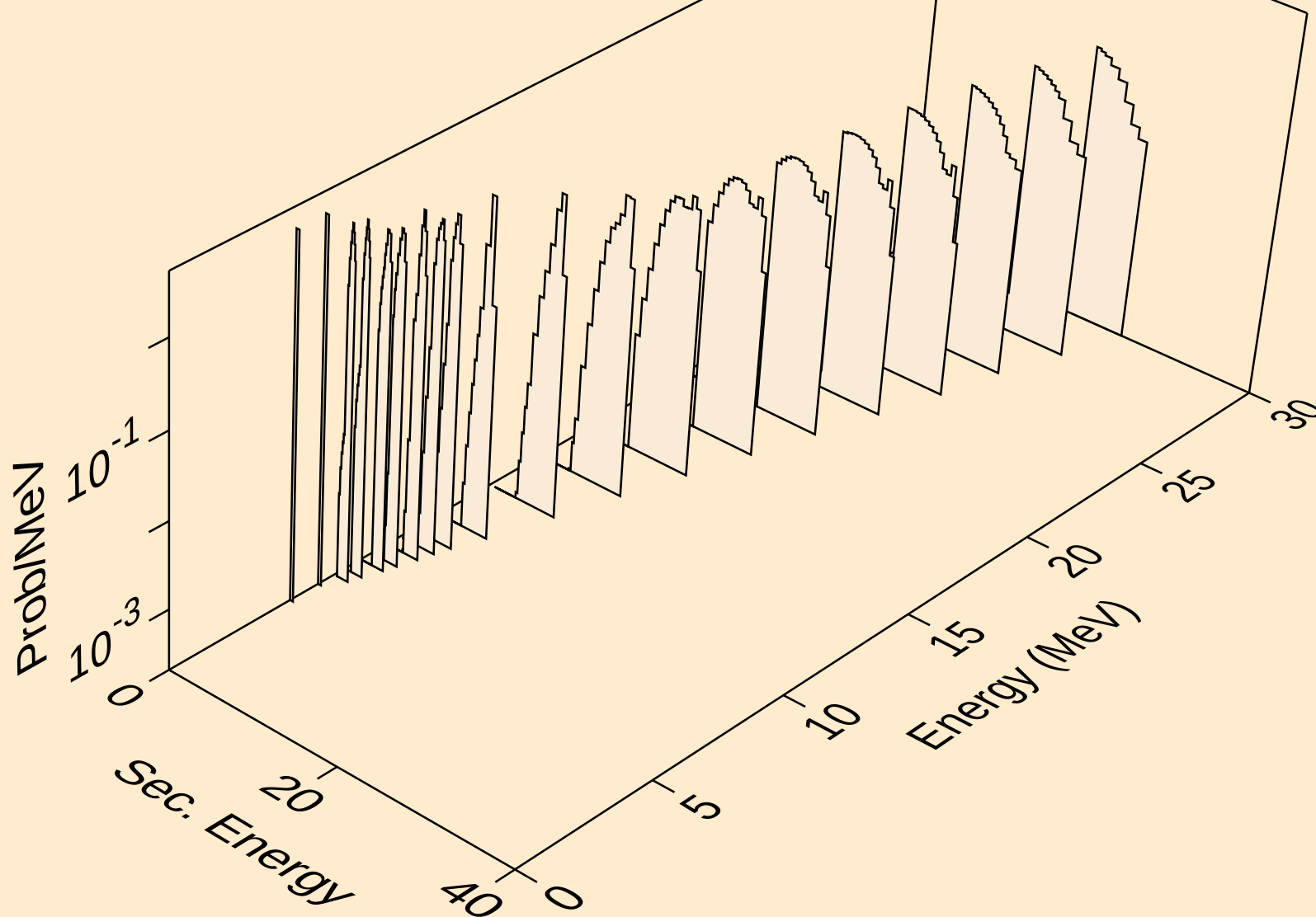
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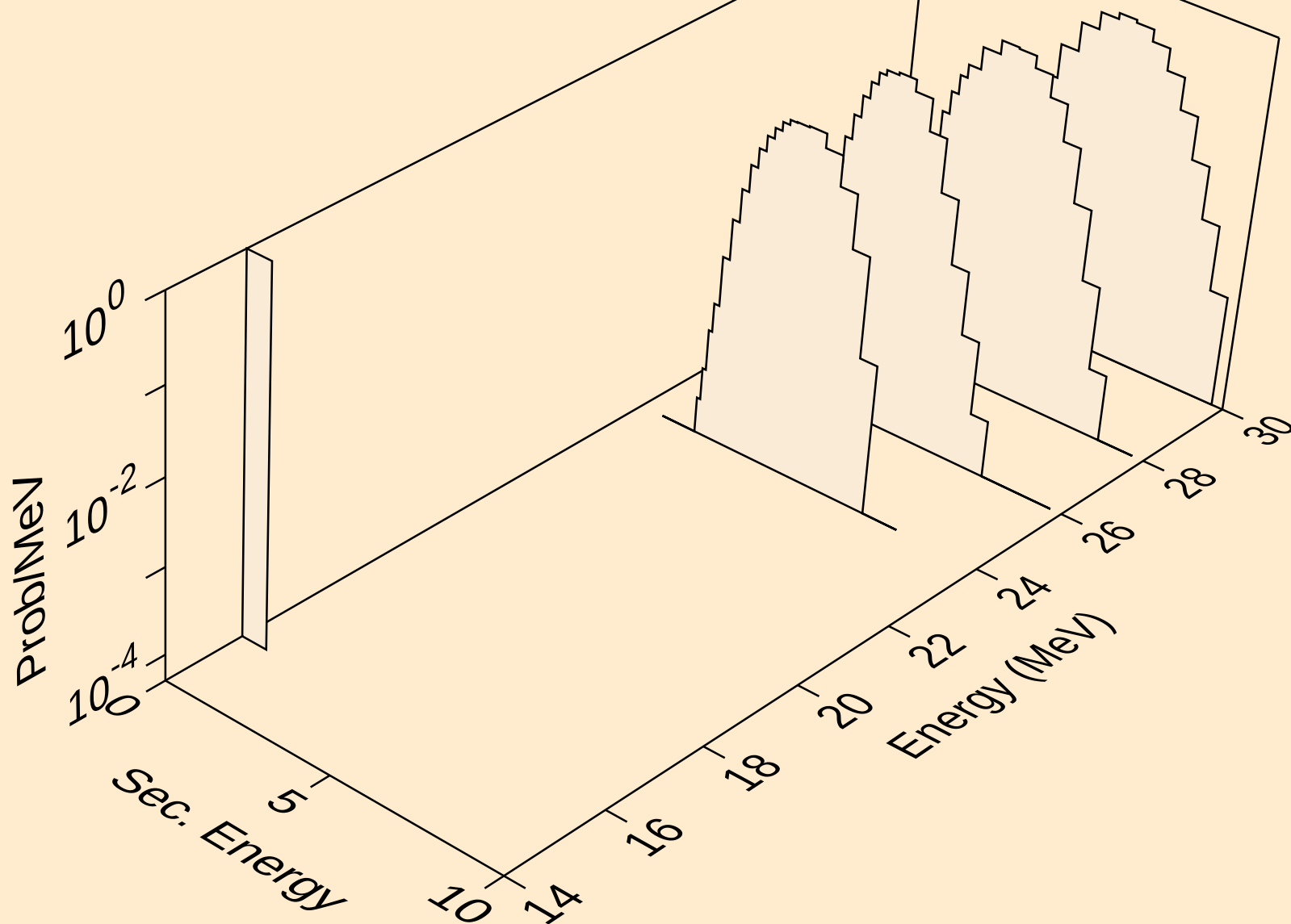
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protons from (n,3np)



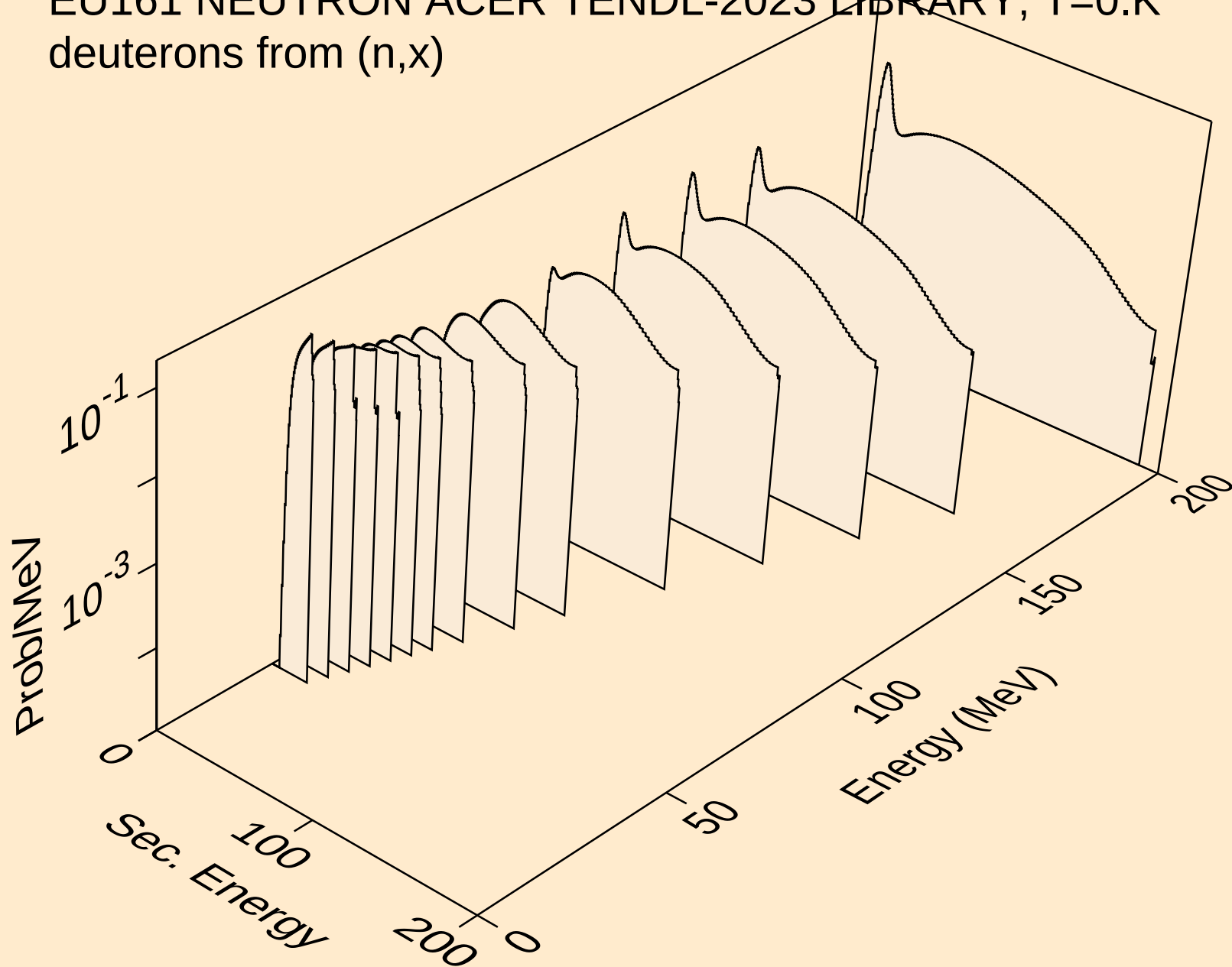
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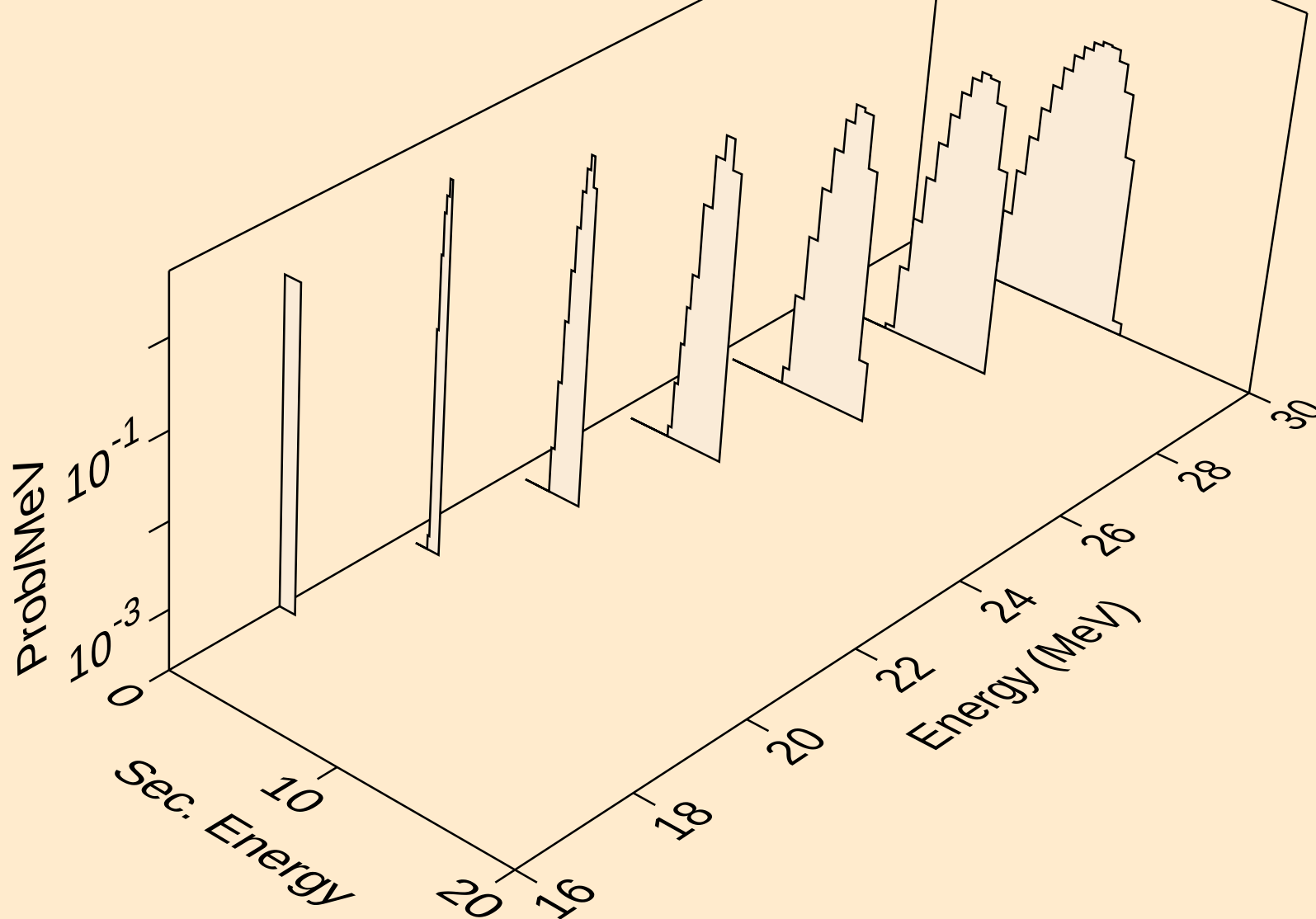
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protons from (n,2p)



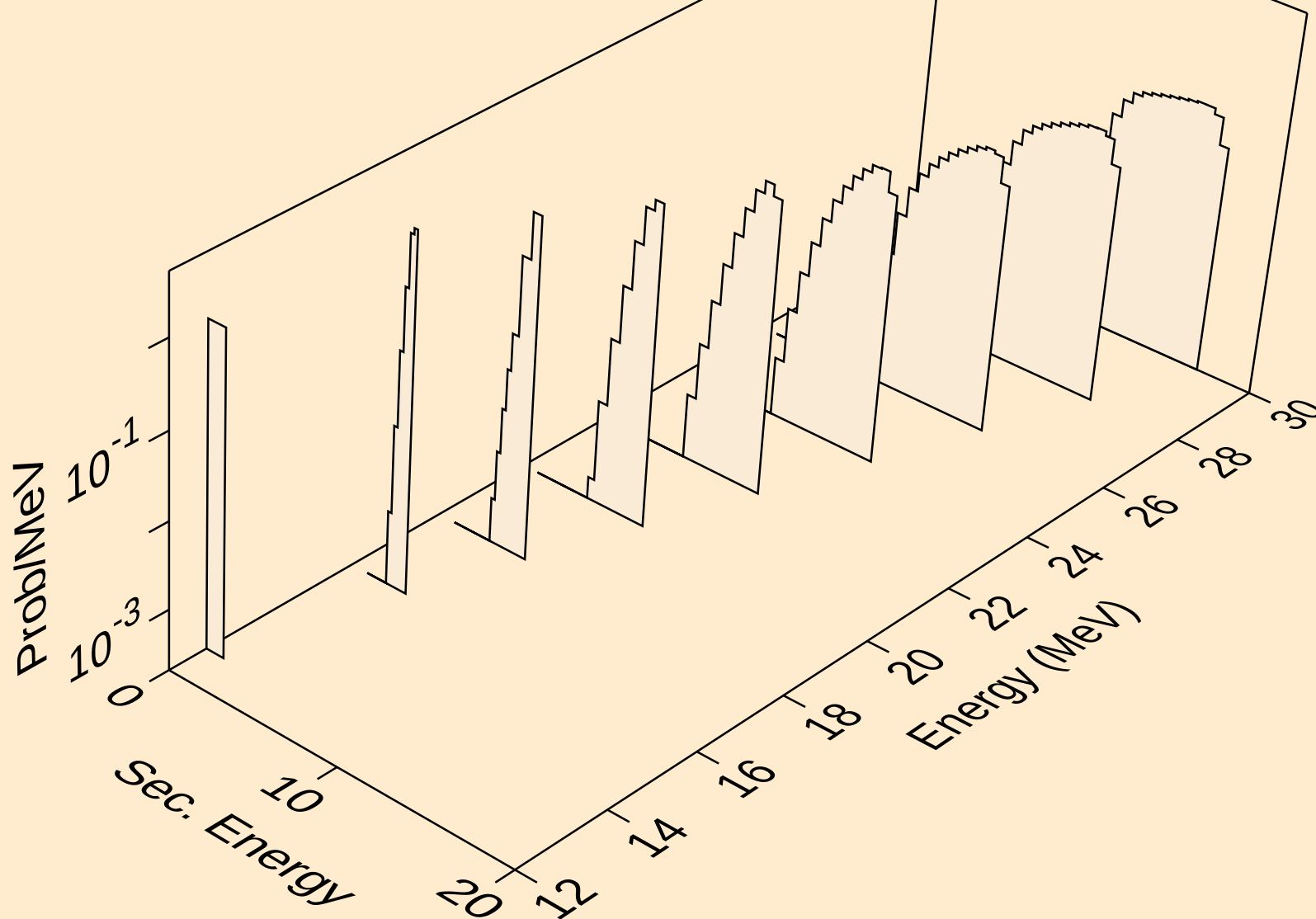
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deuterons from (n,x)



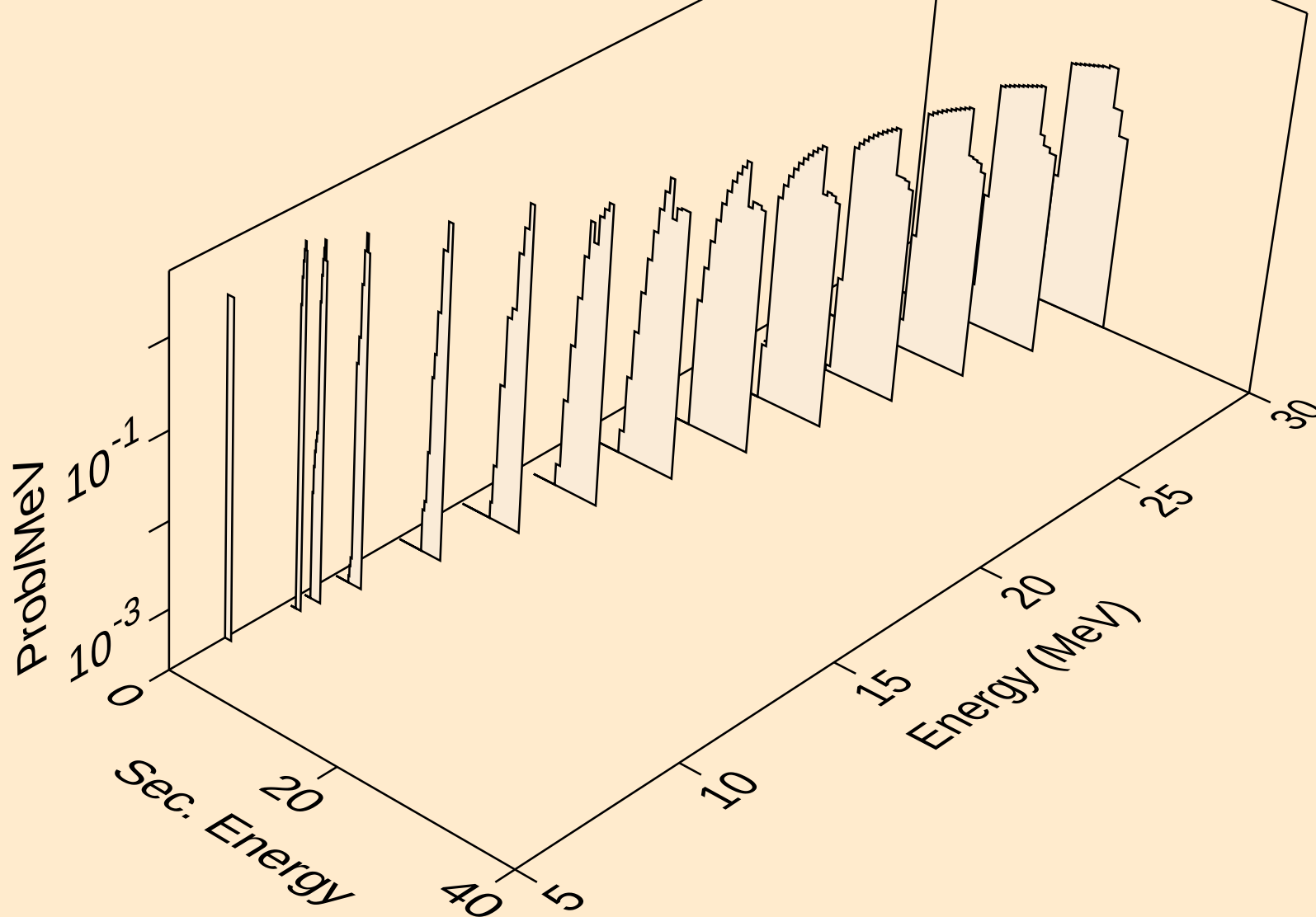
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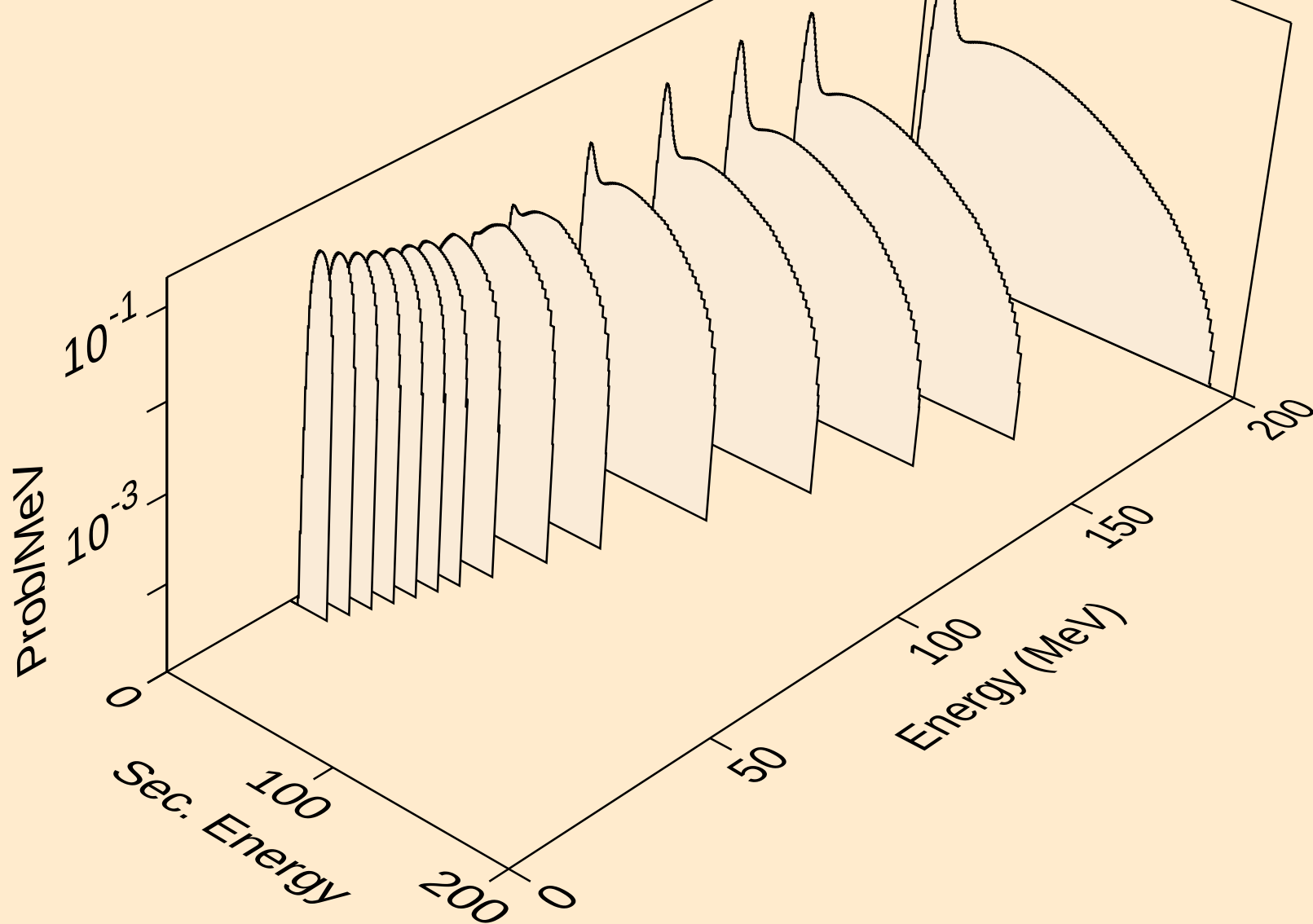
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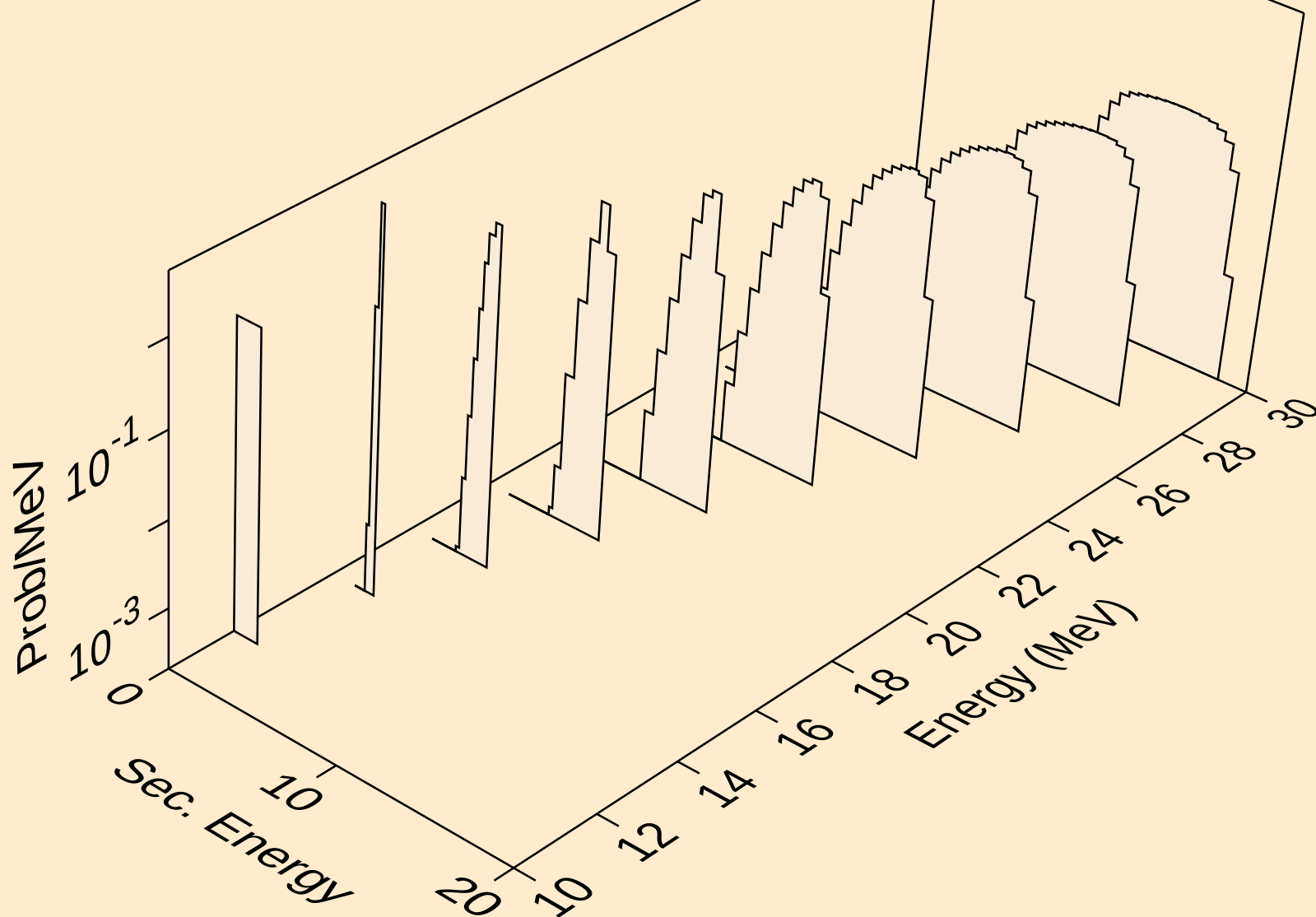
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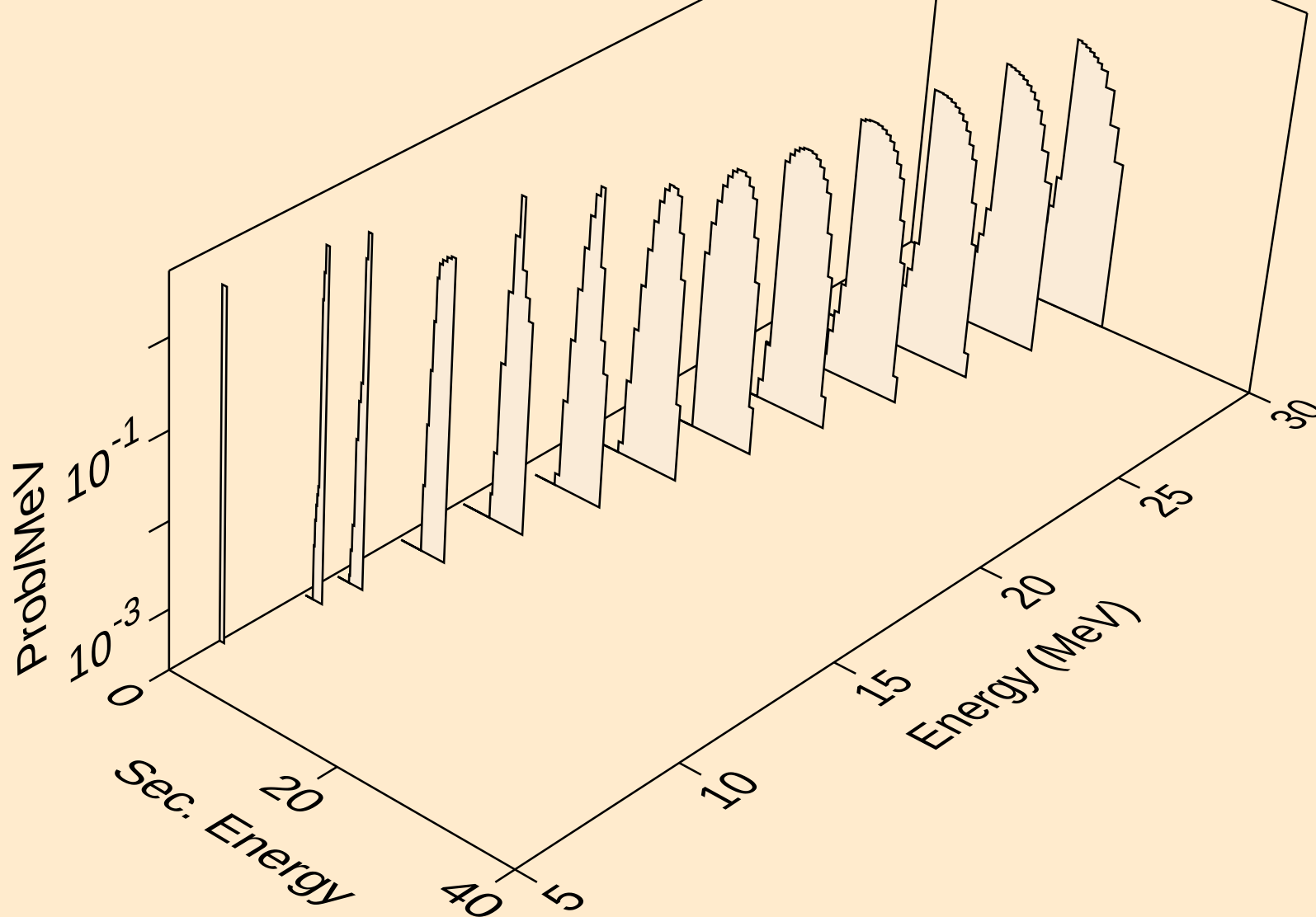
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tritons from (n,x)



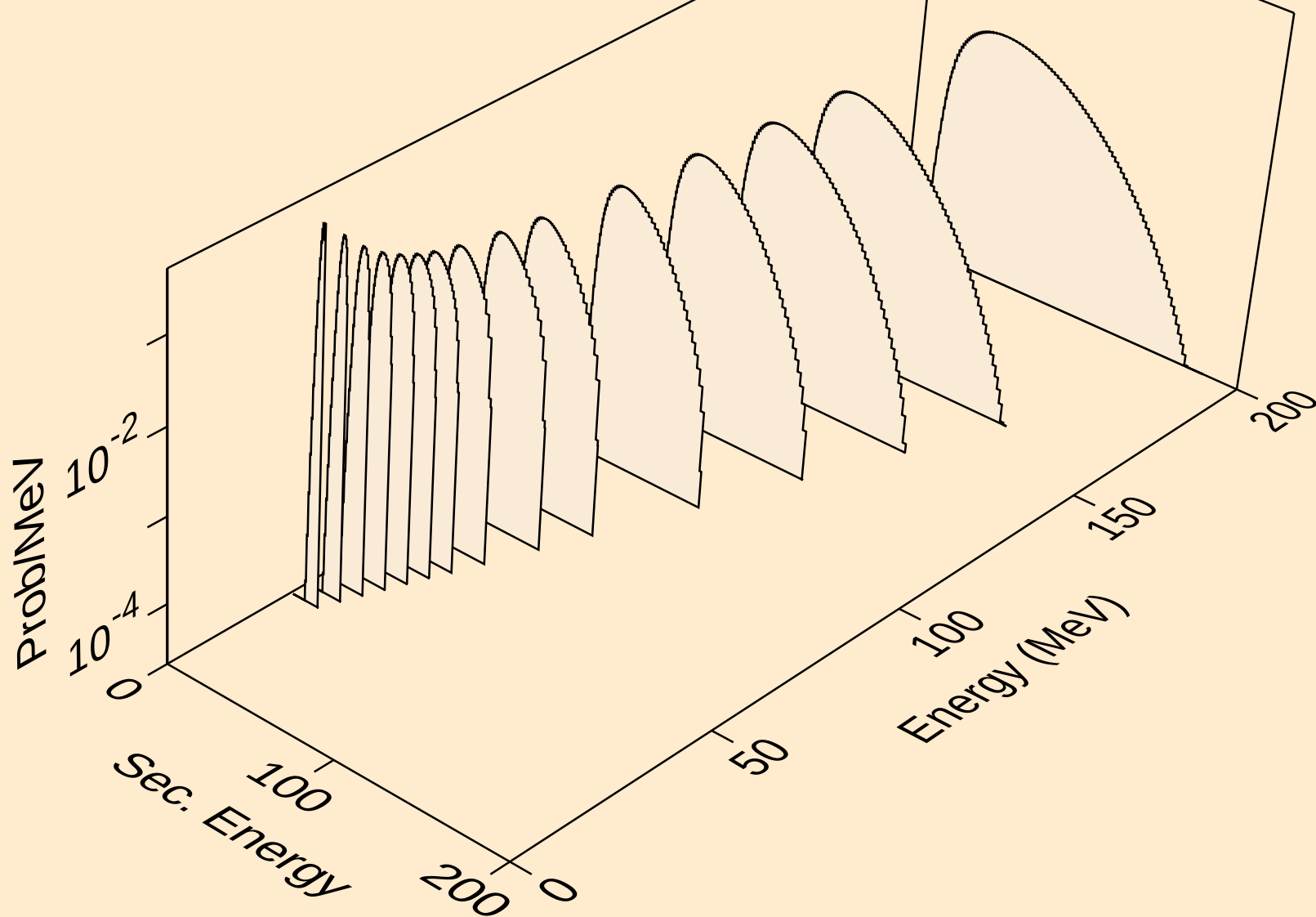
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tritons from (n,n\*)t



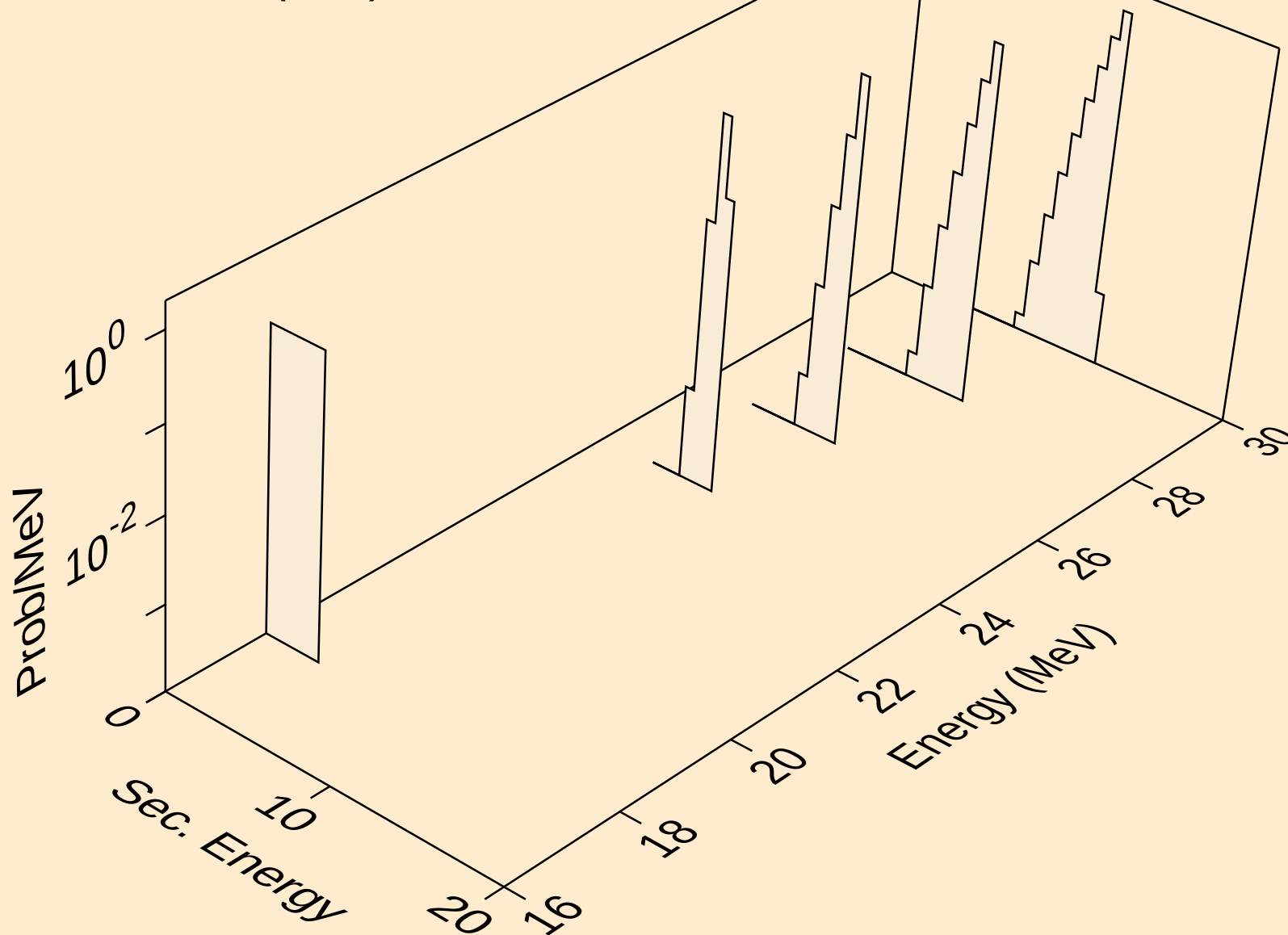
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tritons from (n,t)



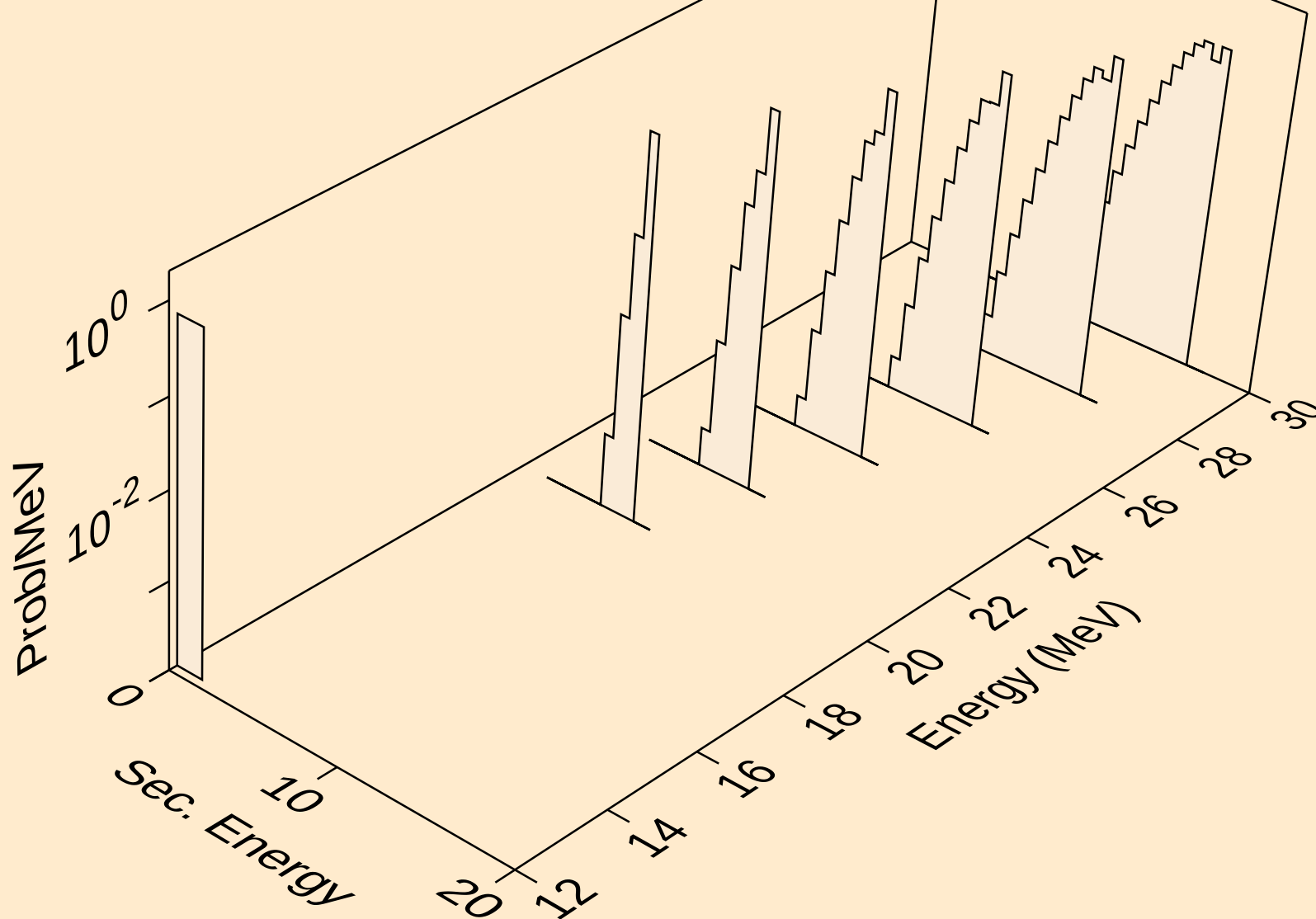
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he3s from (n,x)



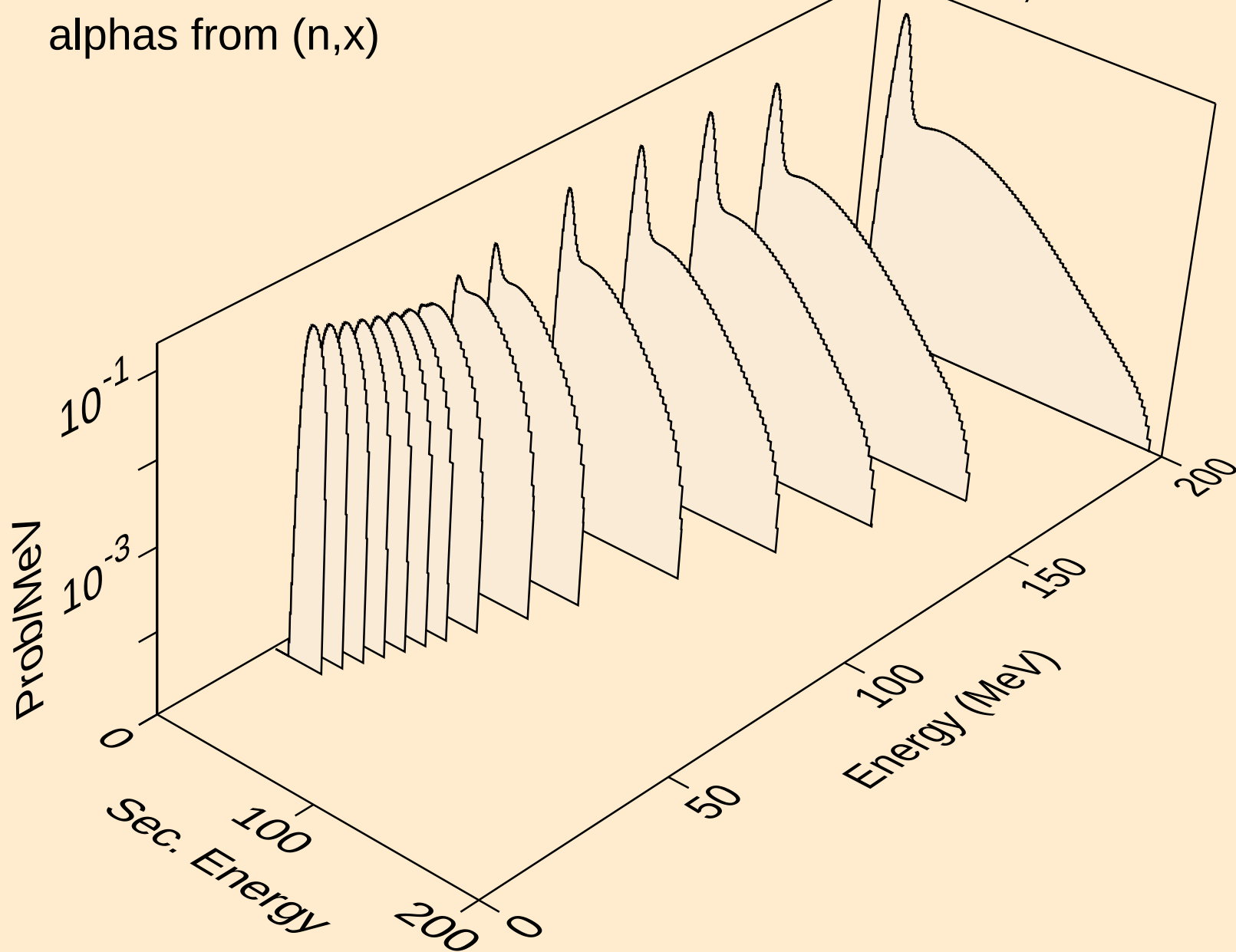
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he3s from (n,n\*)he3



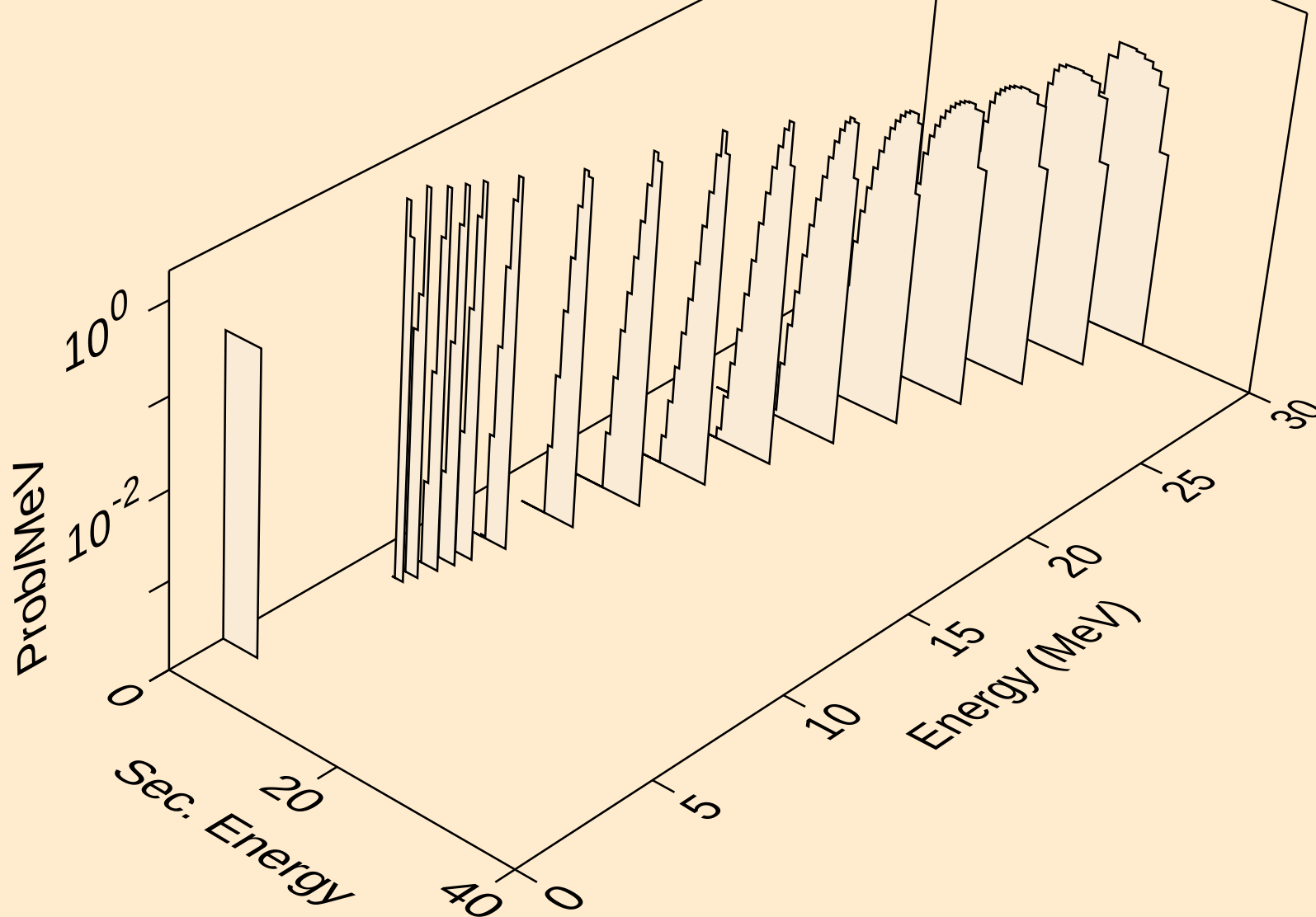
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he3s from (n,he3)



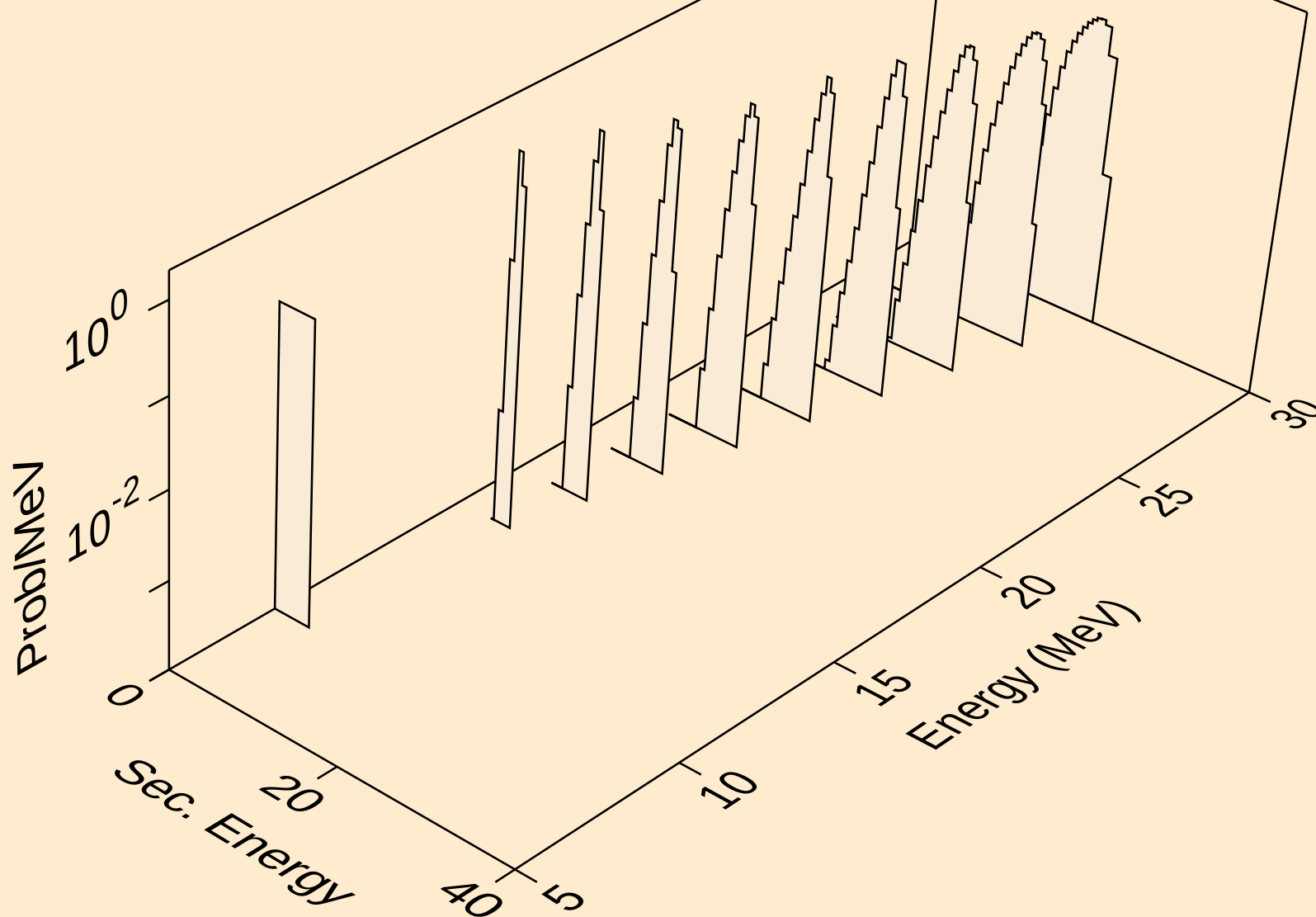
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alphas from (n,x)



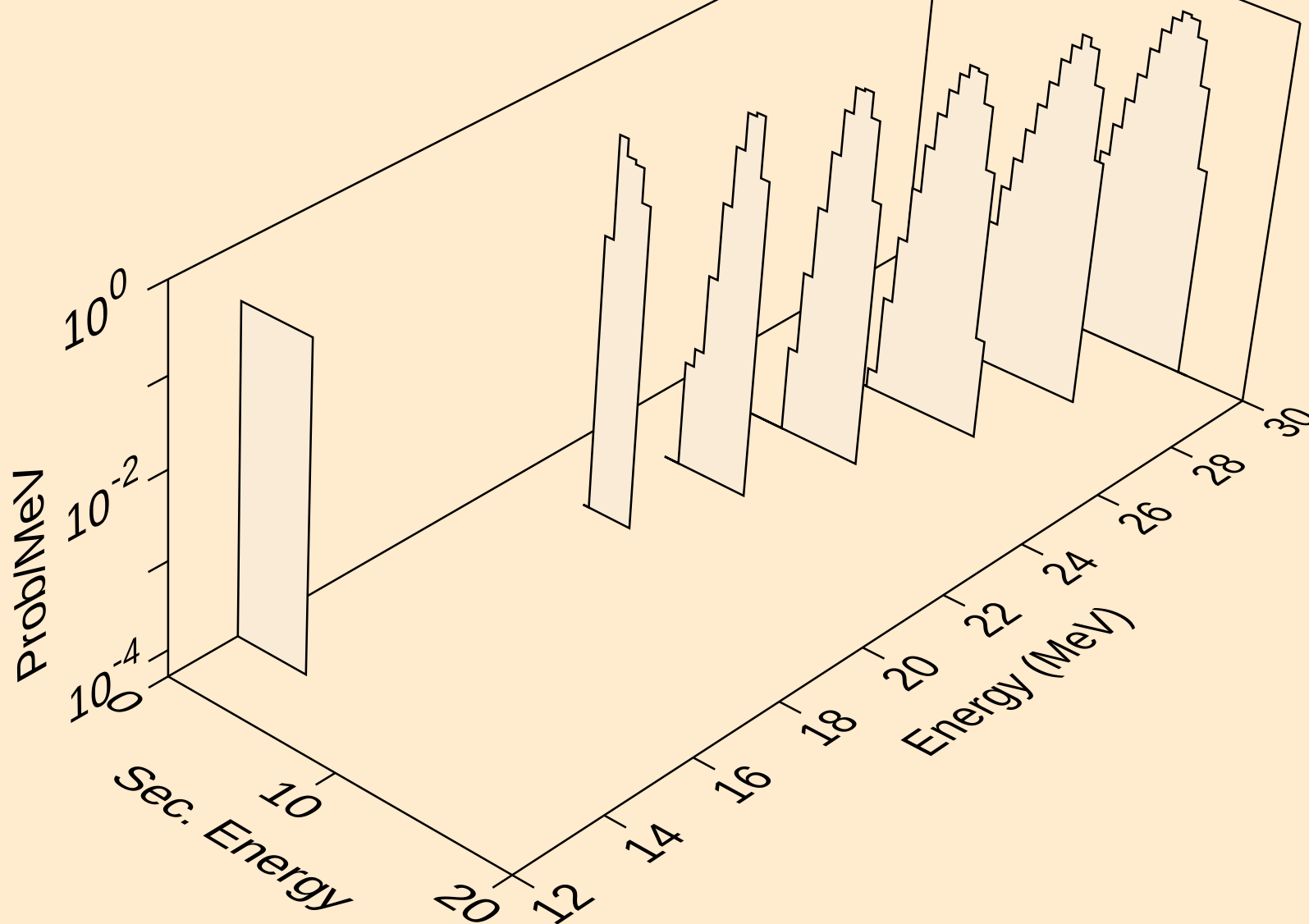
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alphas from (n,n\*)a



EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



EU161 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

