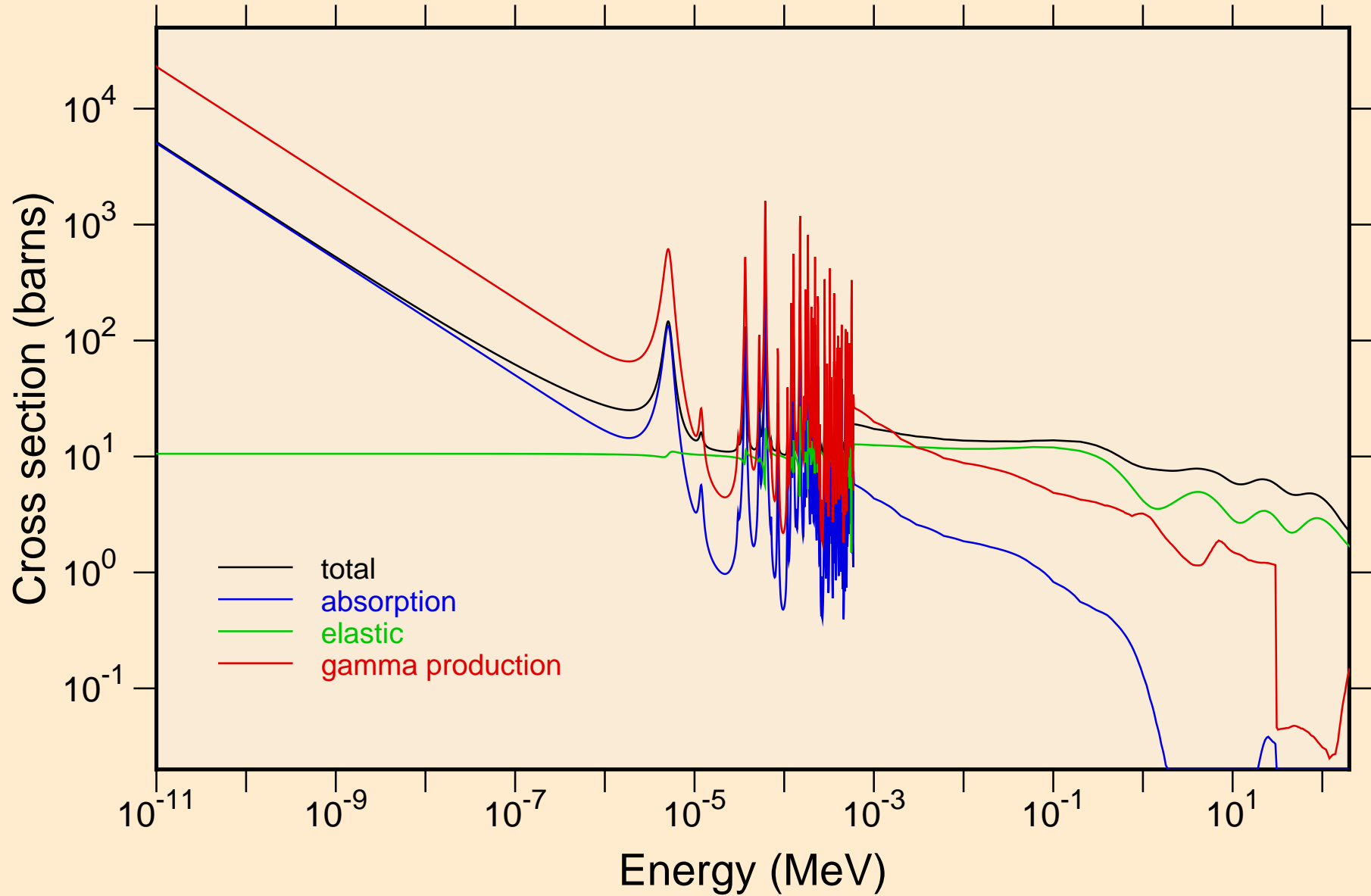
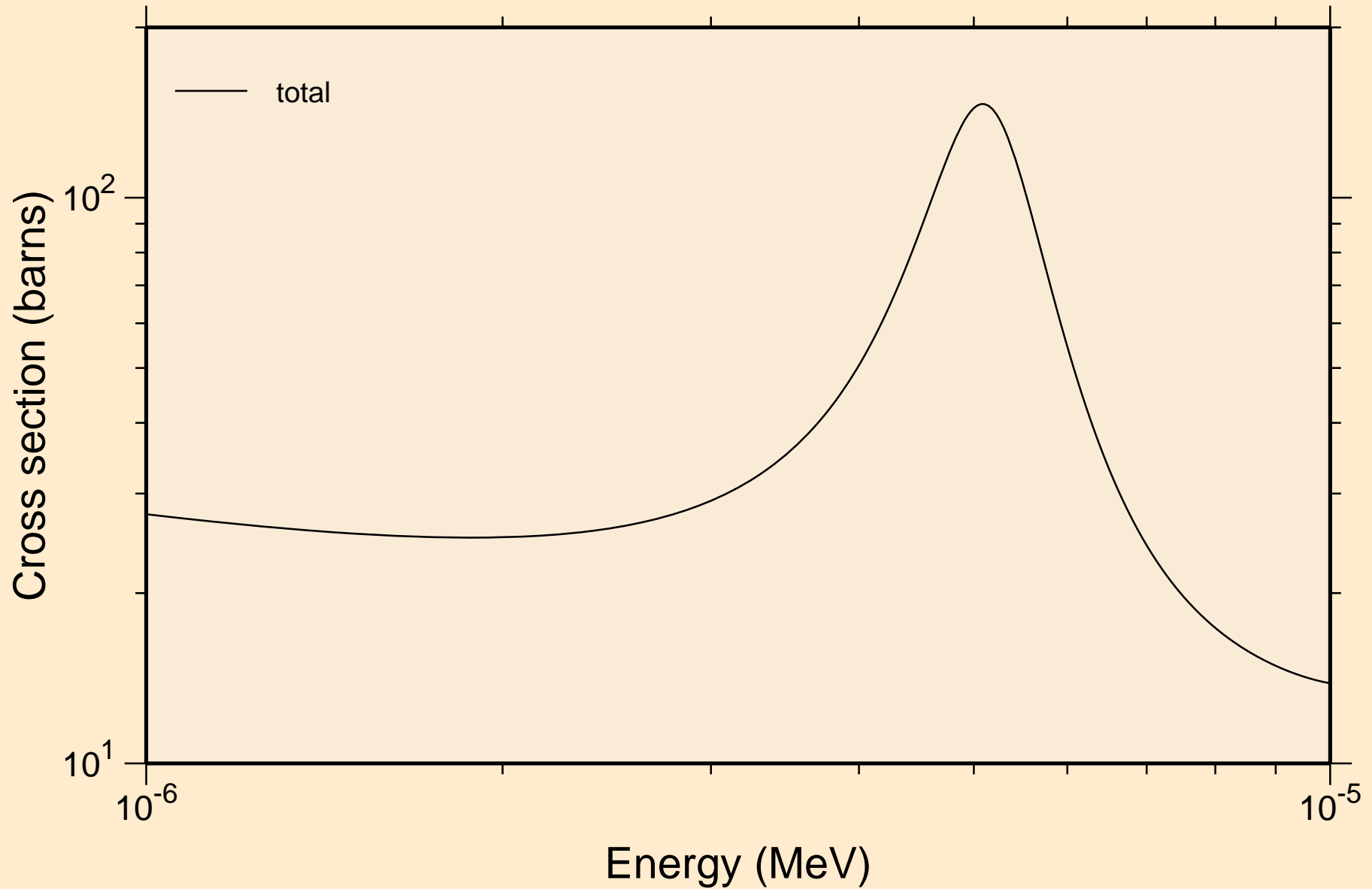


# FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

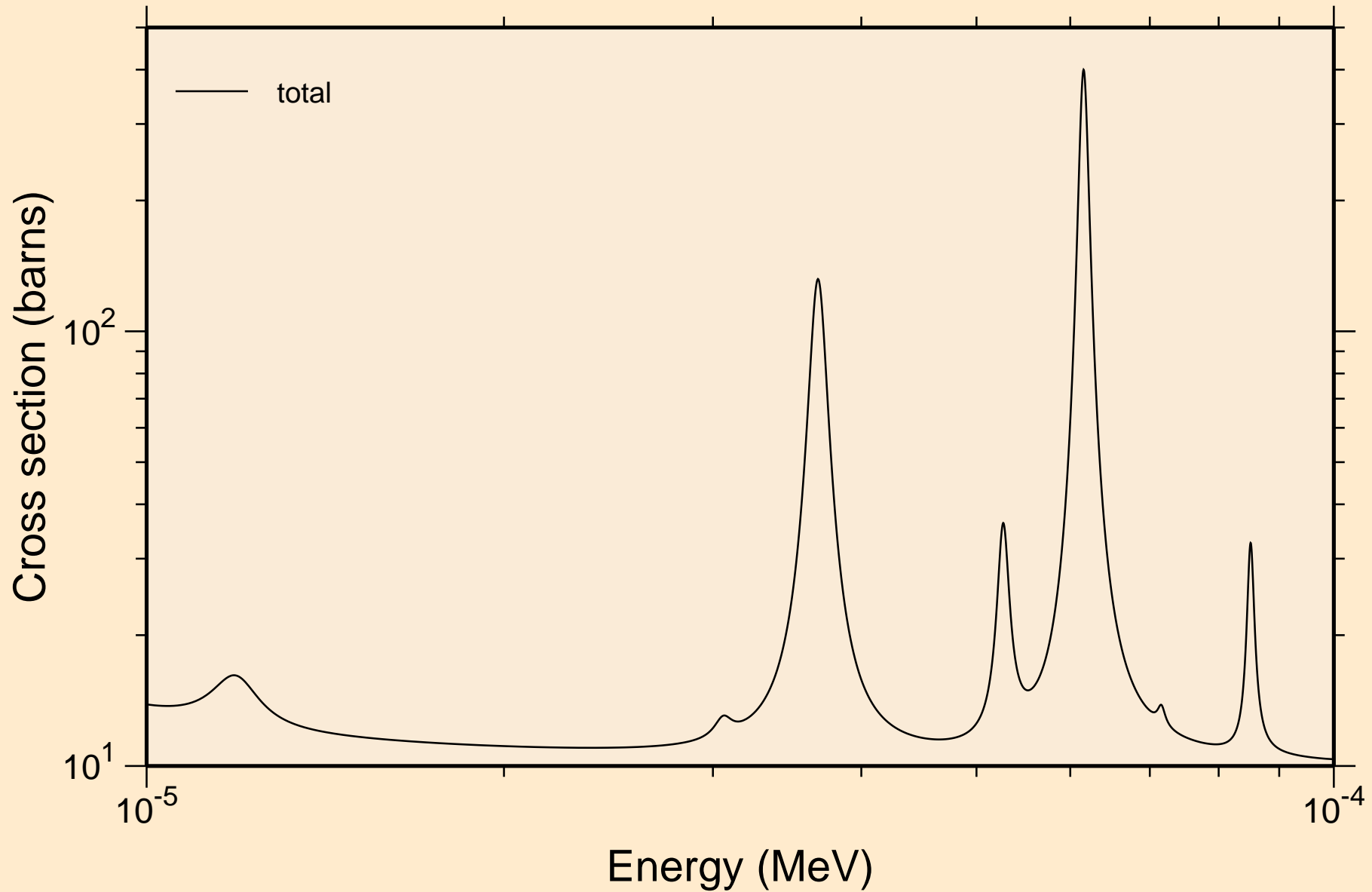
## Principal cross sections



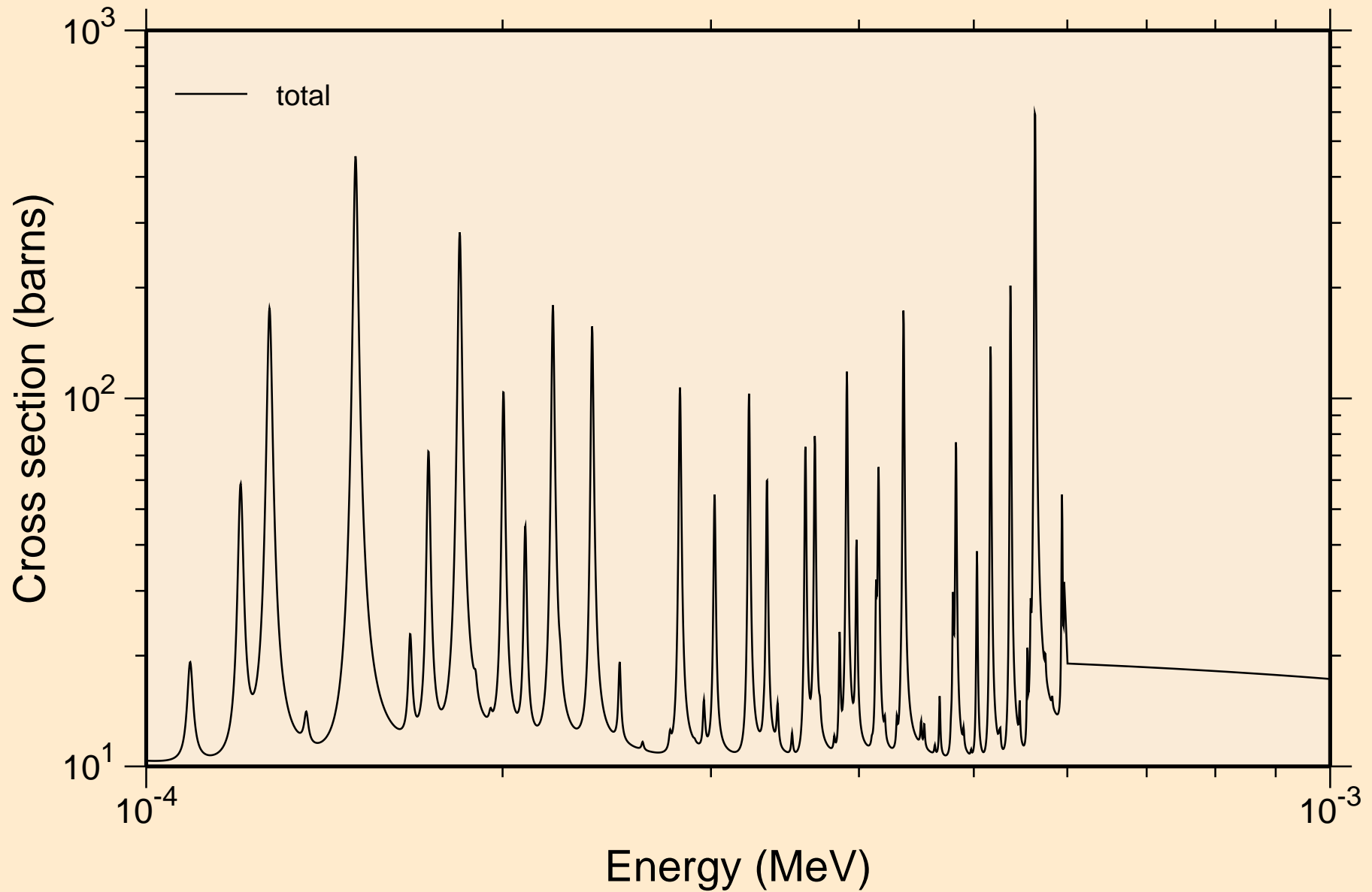
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



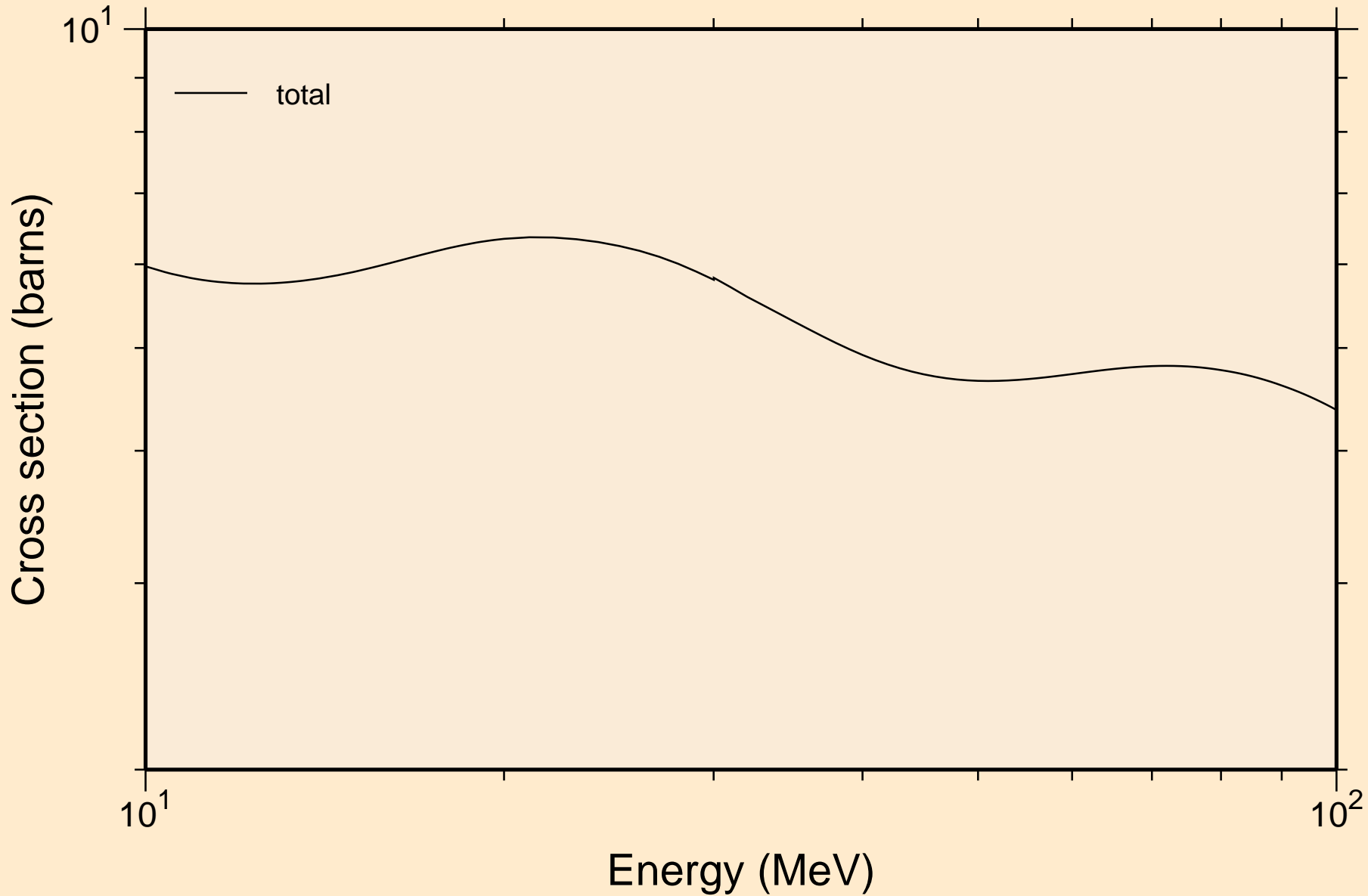
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



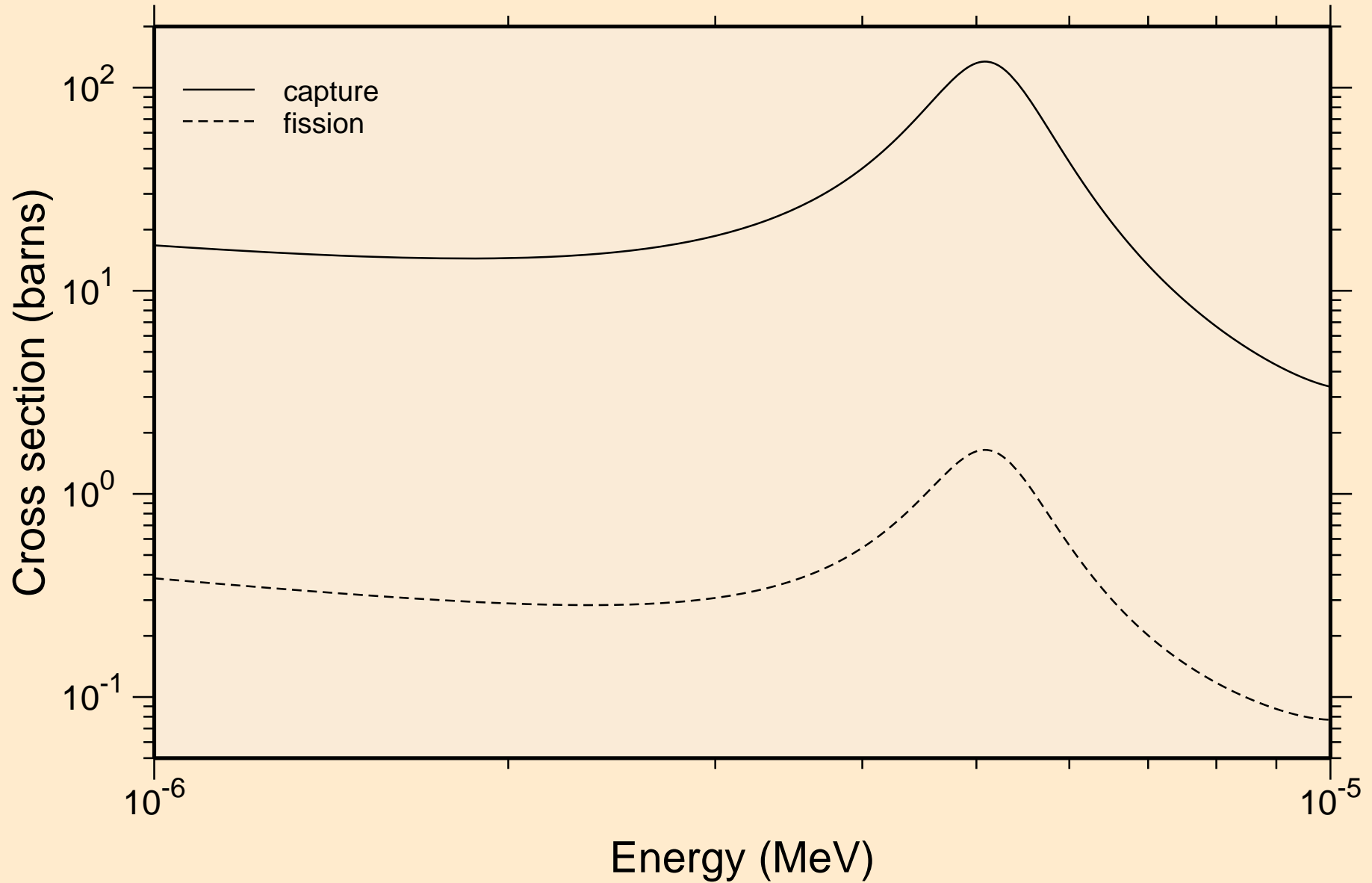
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



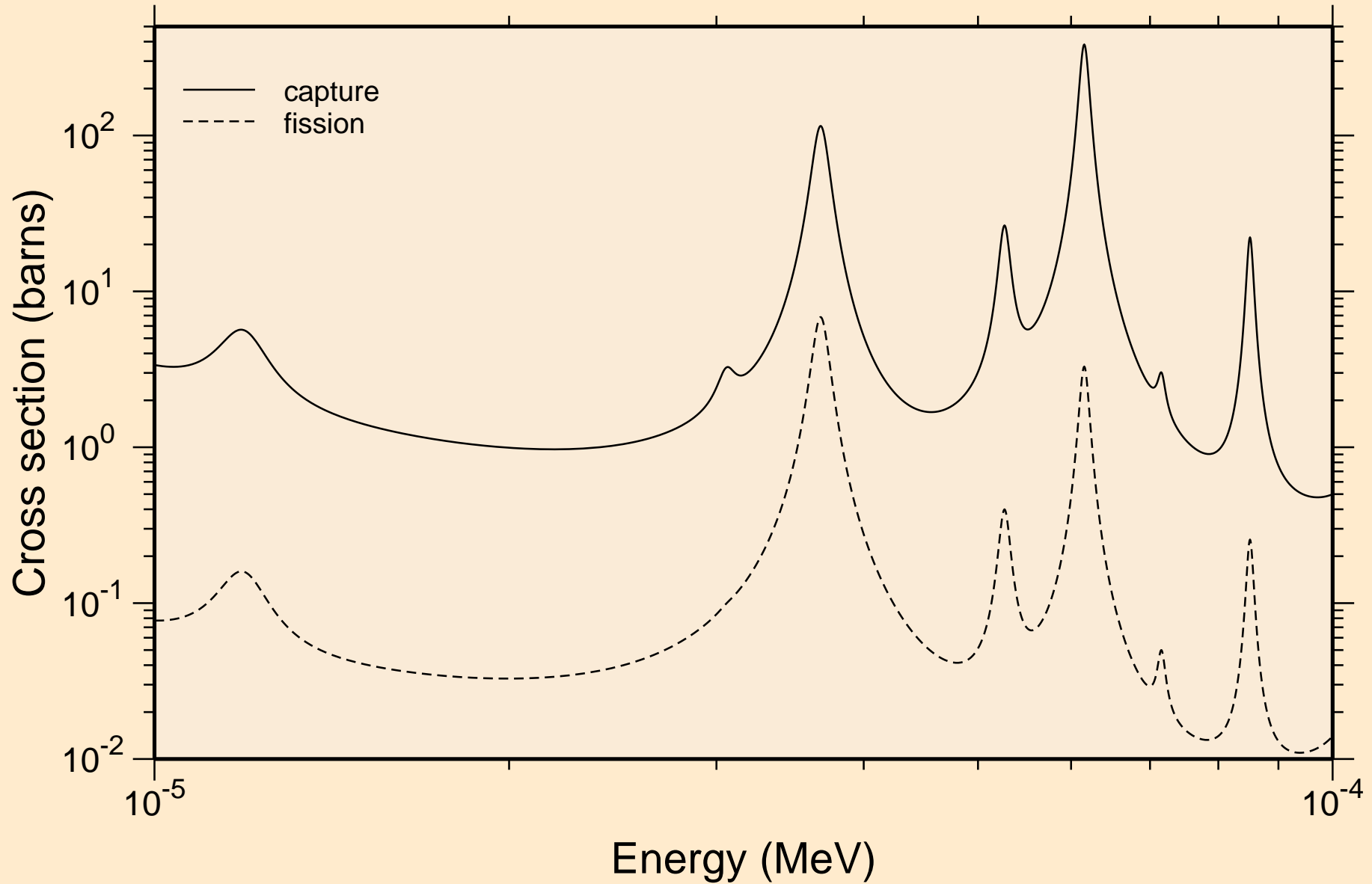
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

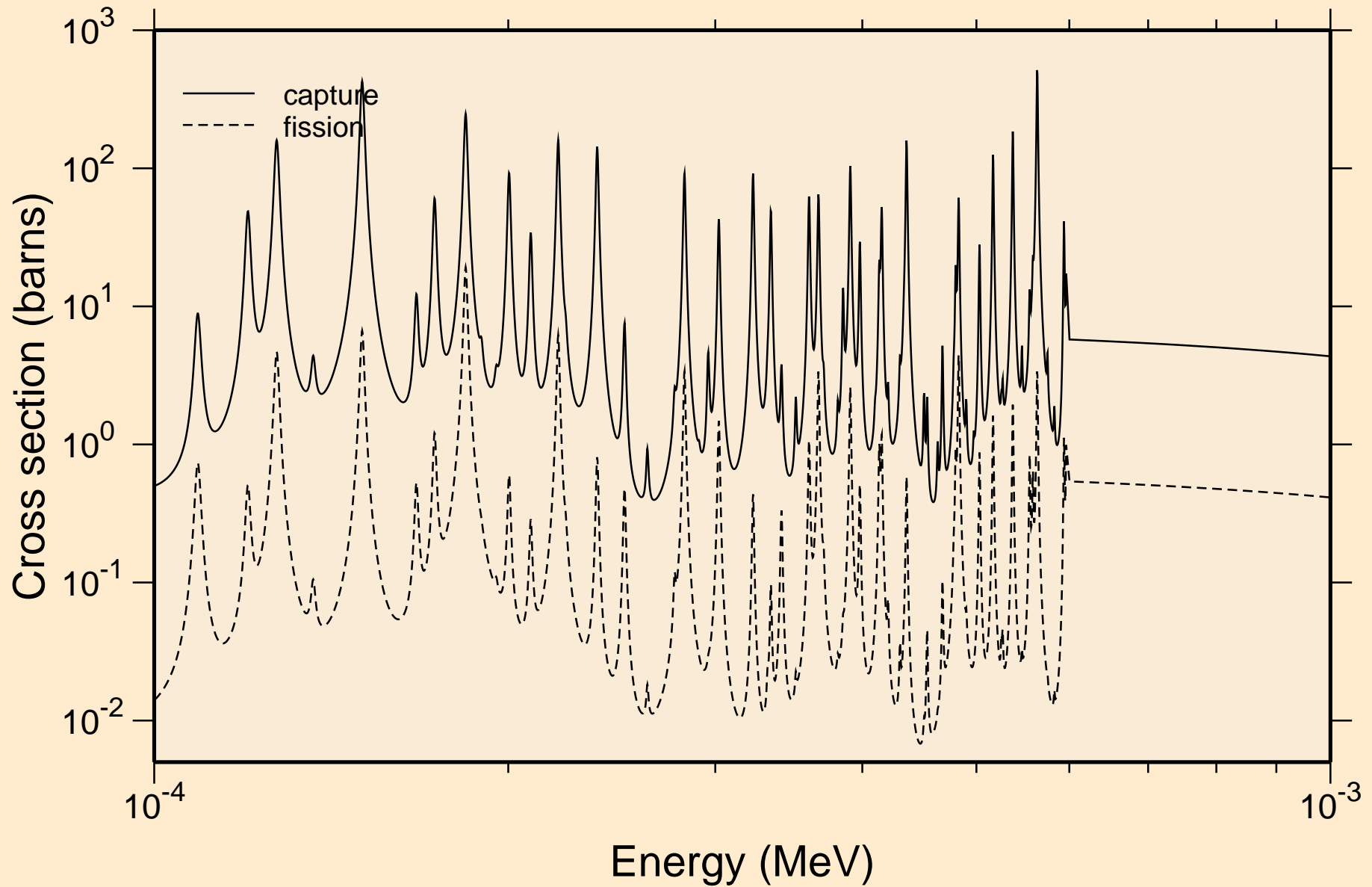


FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

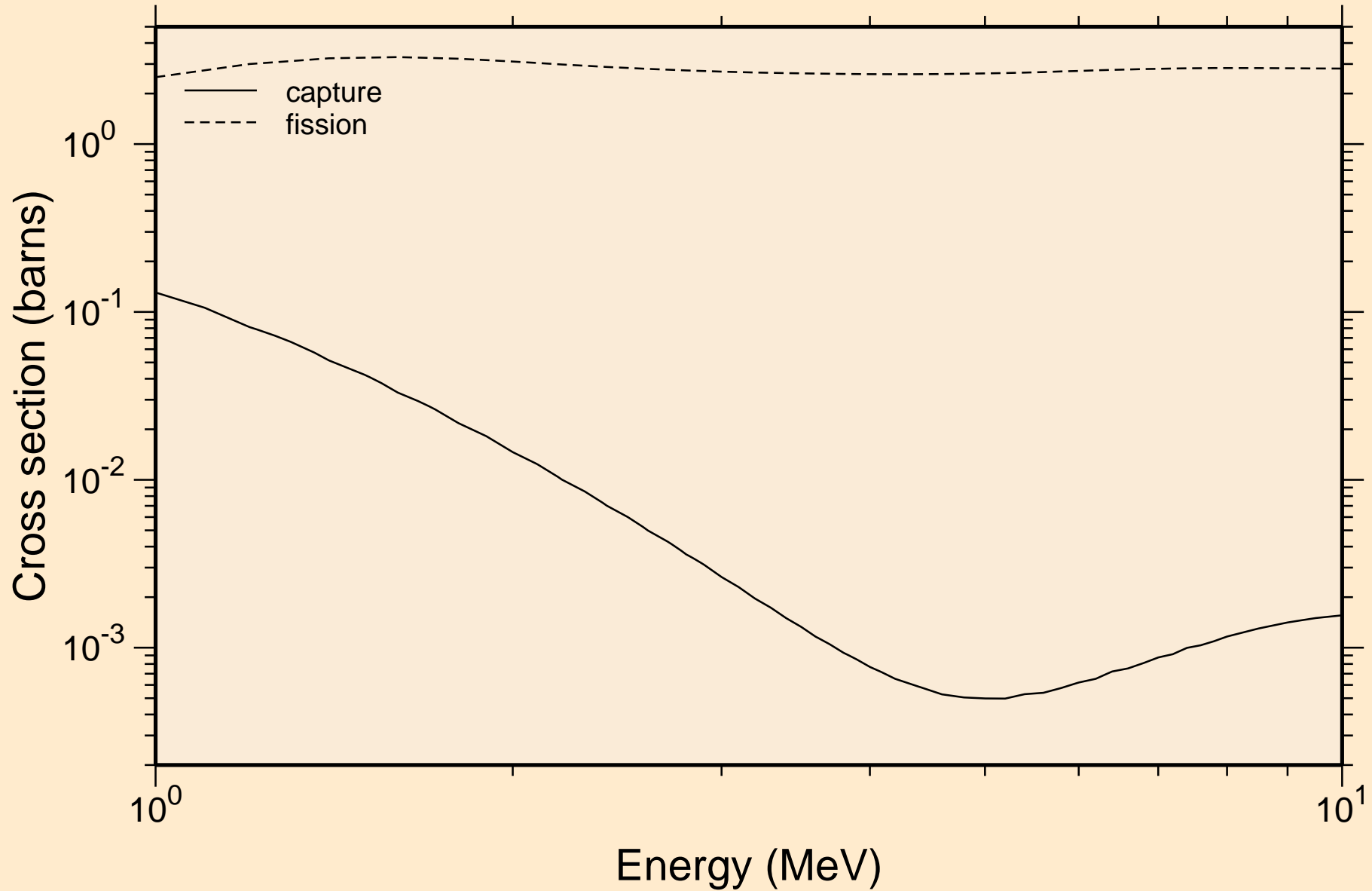


# FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## resonance absorption cross sections

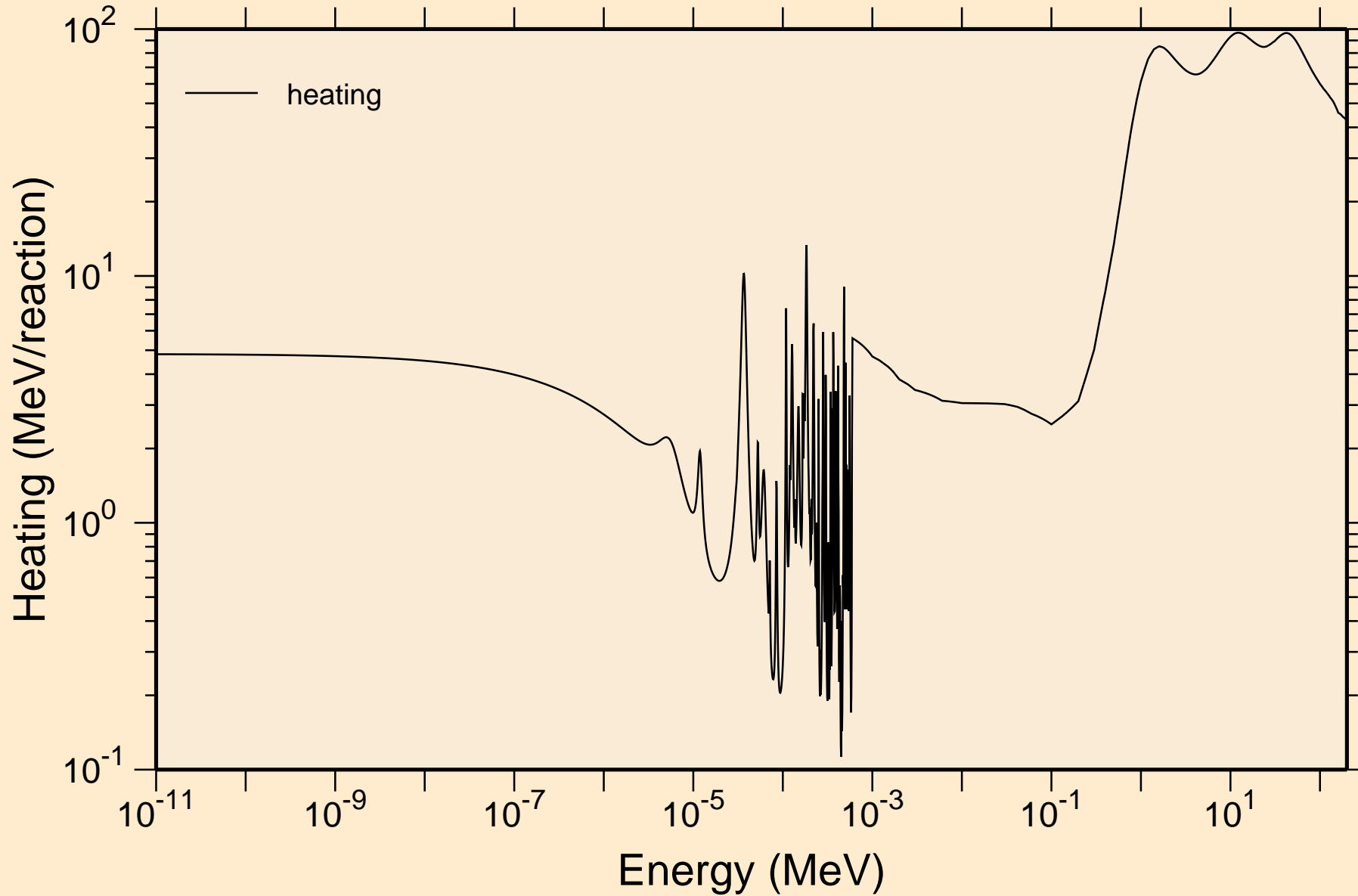


FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

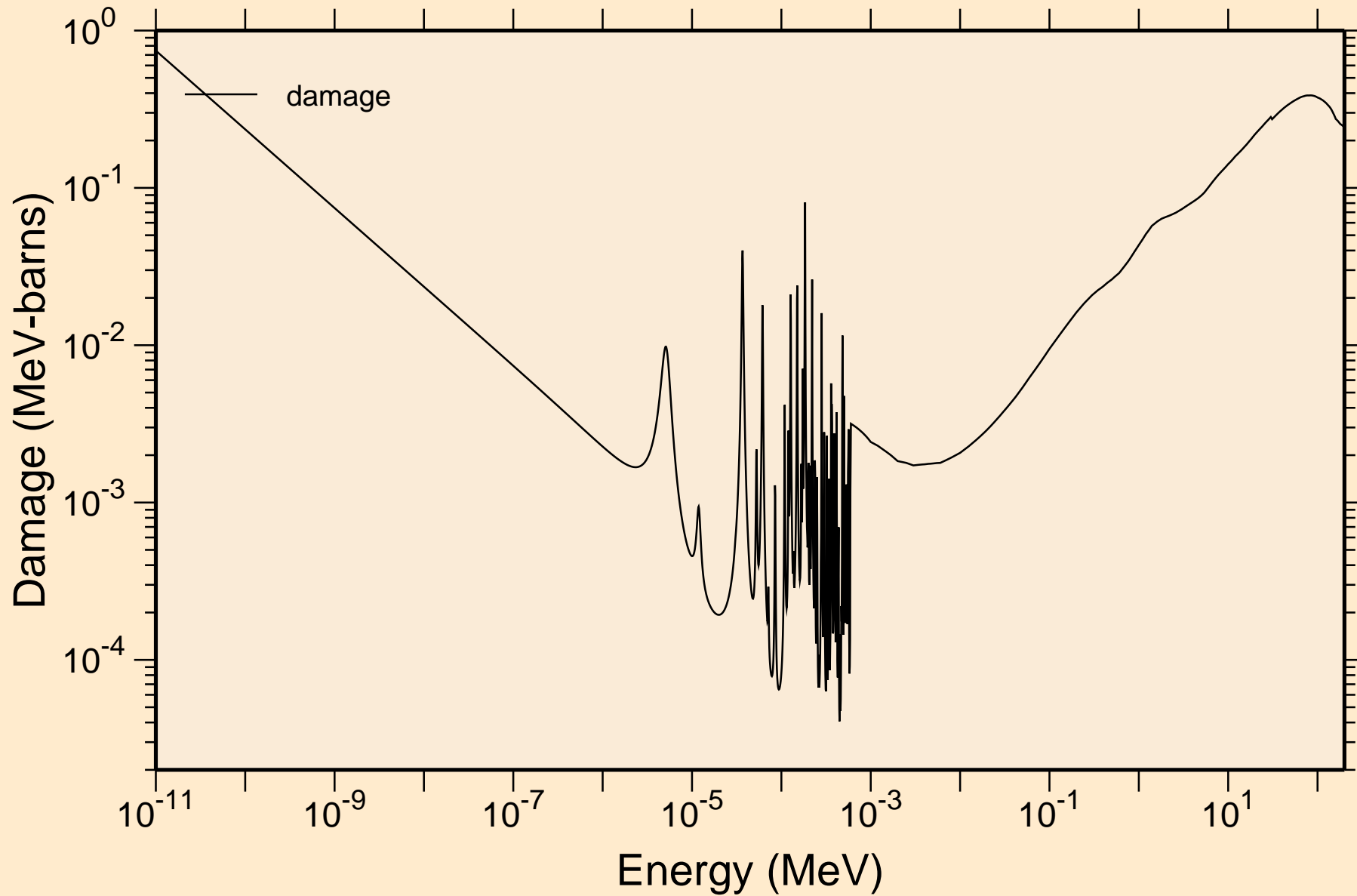


# FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

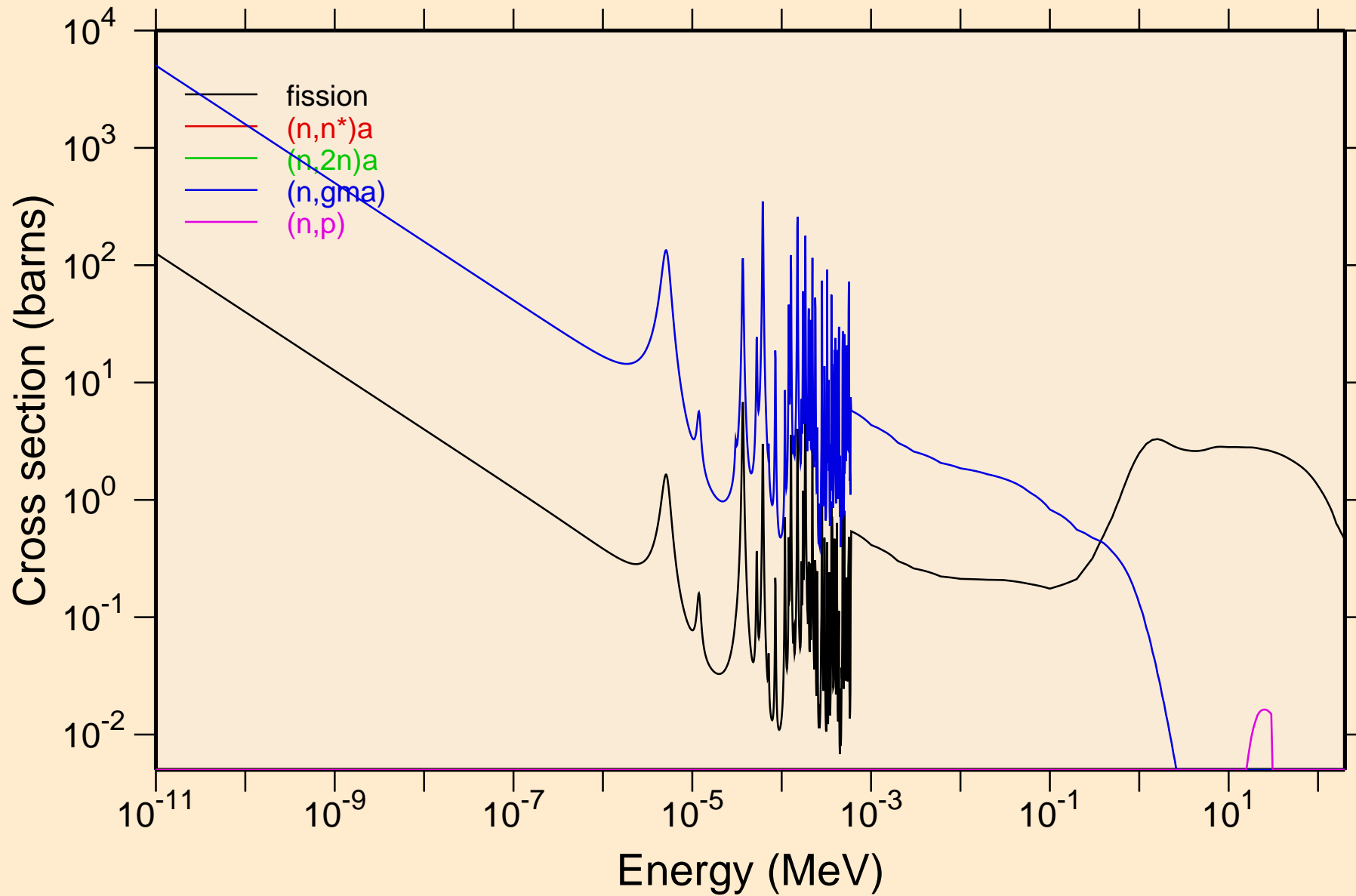


FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

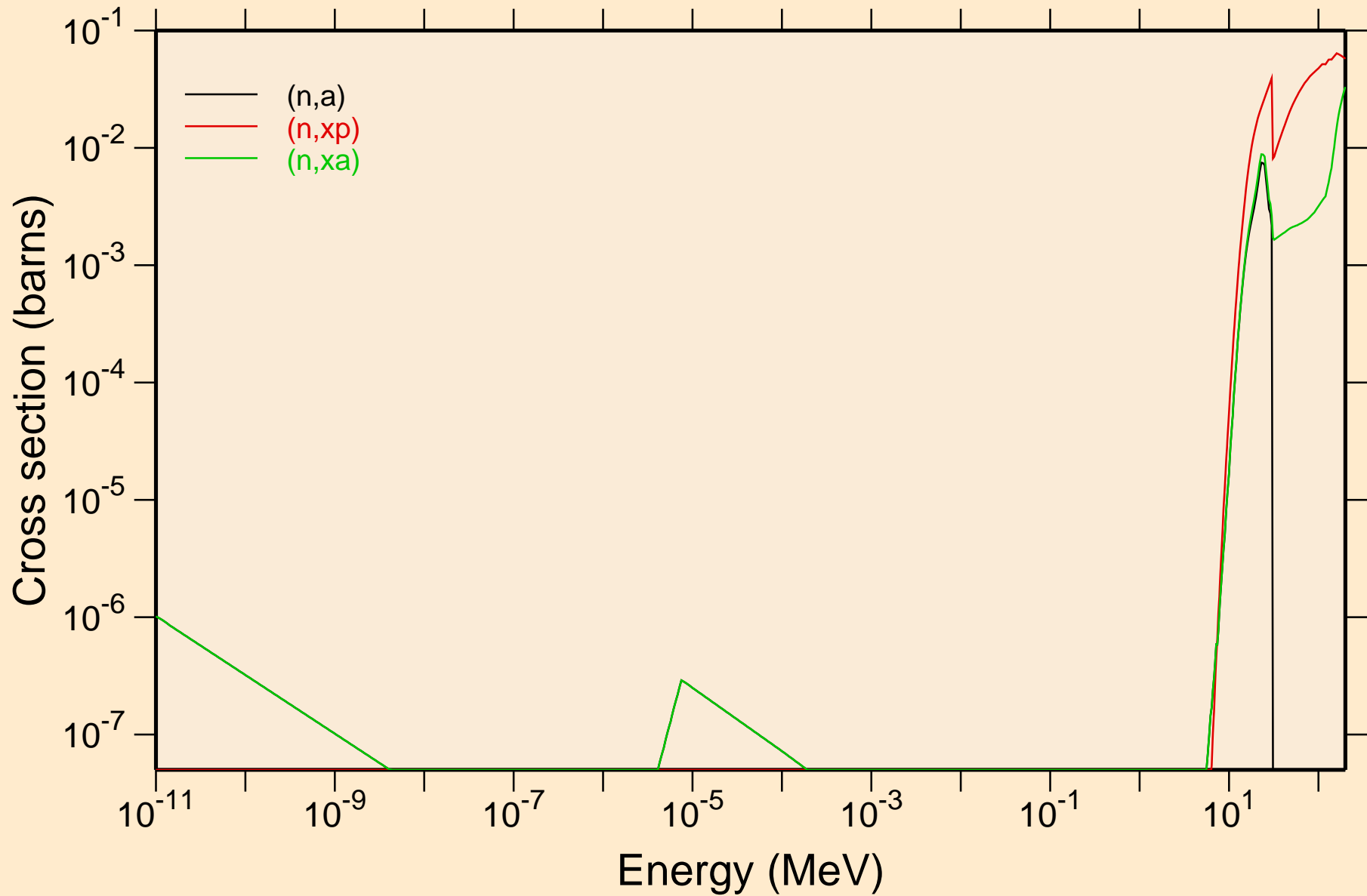


# FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

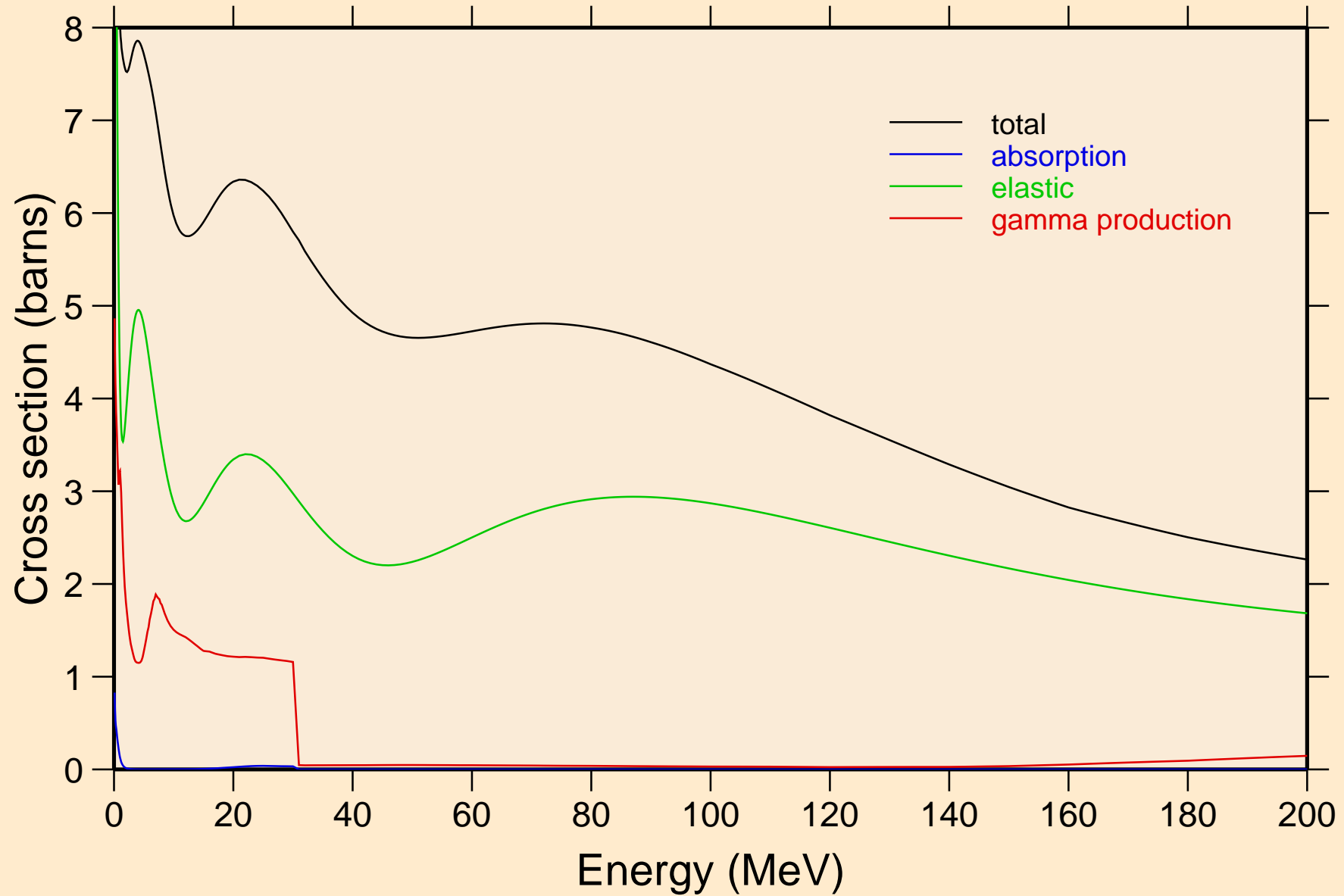


FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



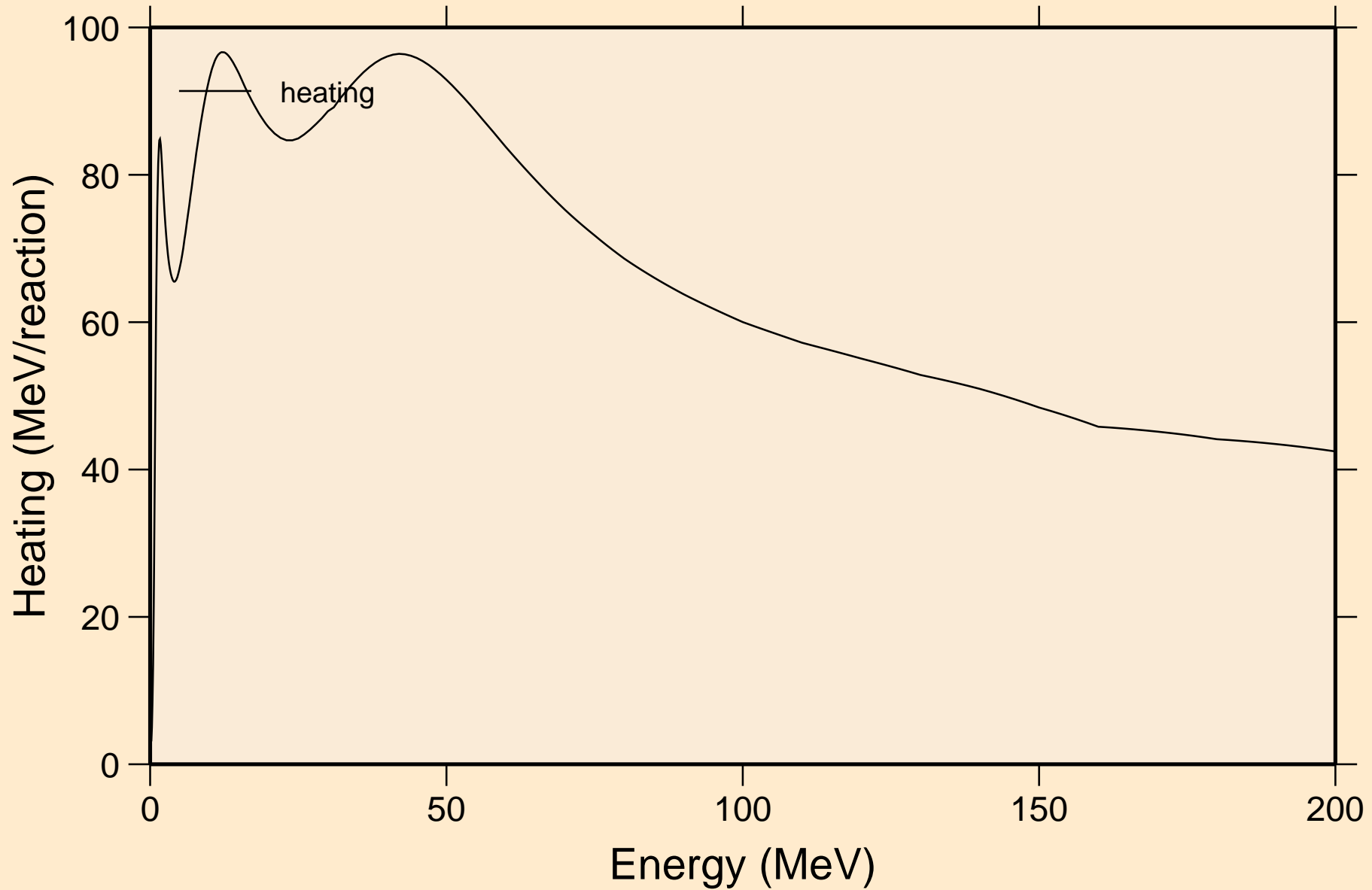
# FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

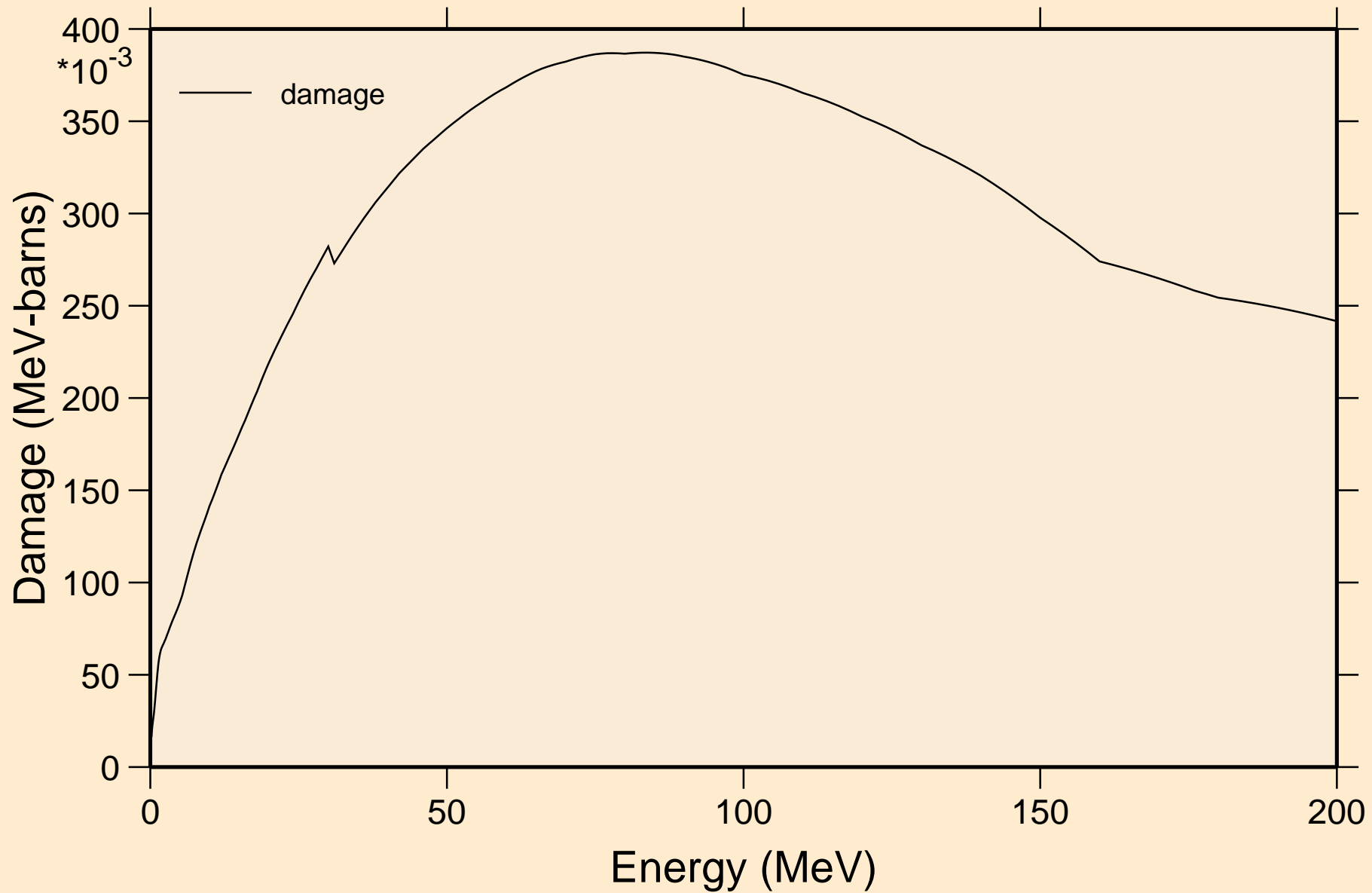


# FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

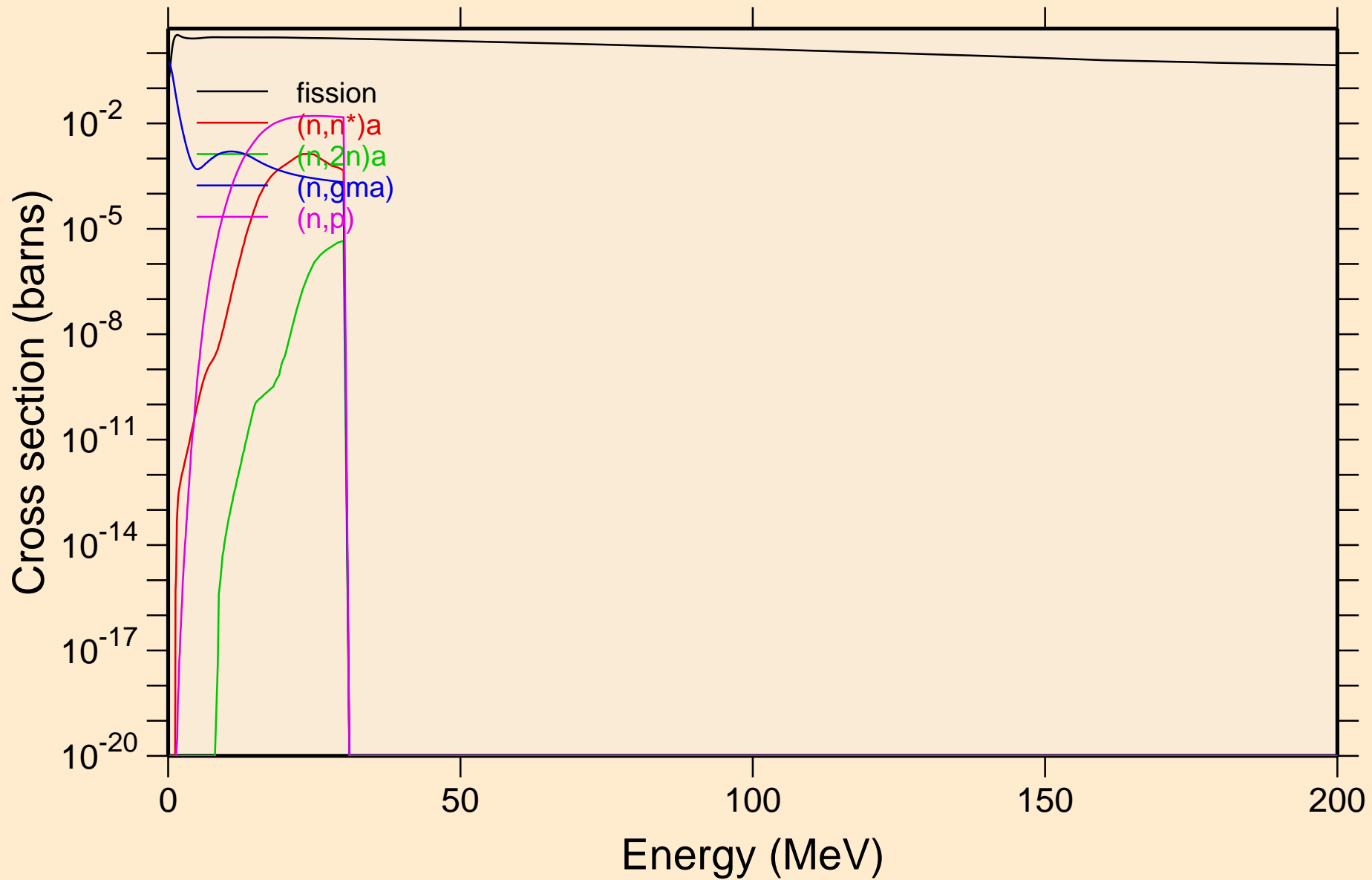


FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

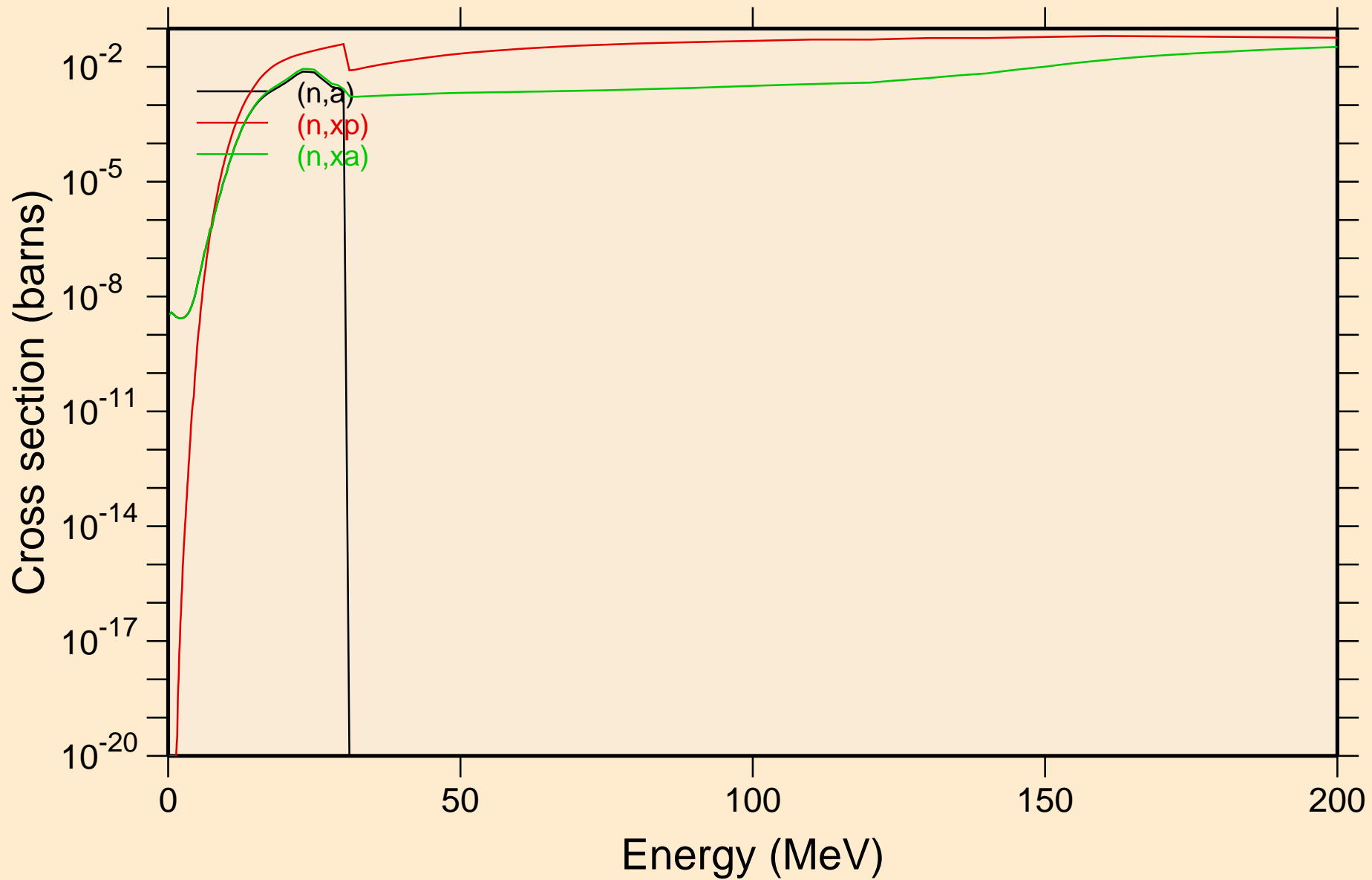


# FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

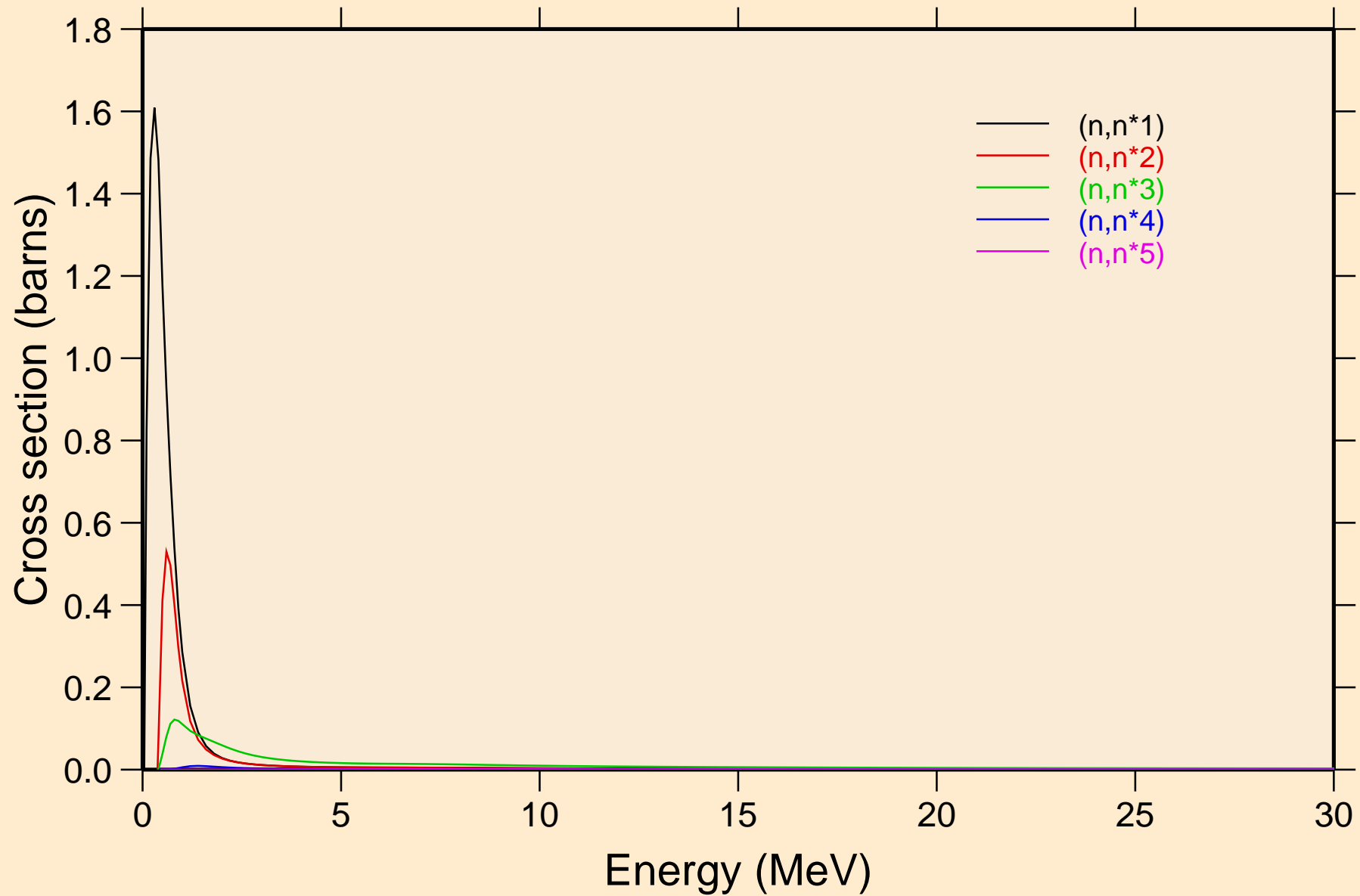
## Non-threshold reactions



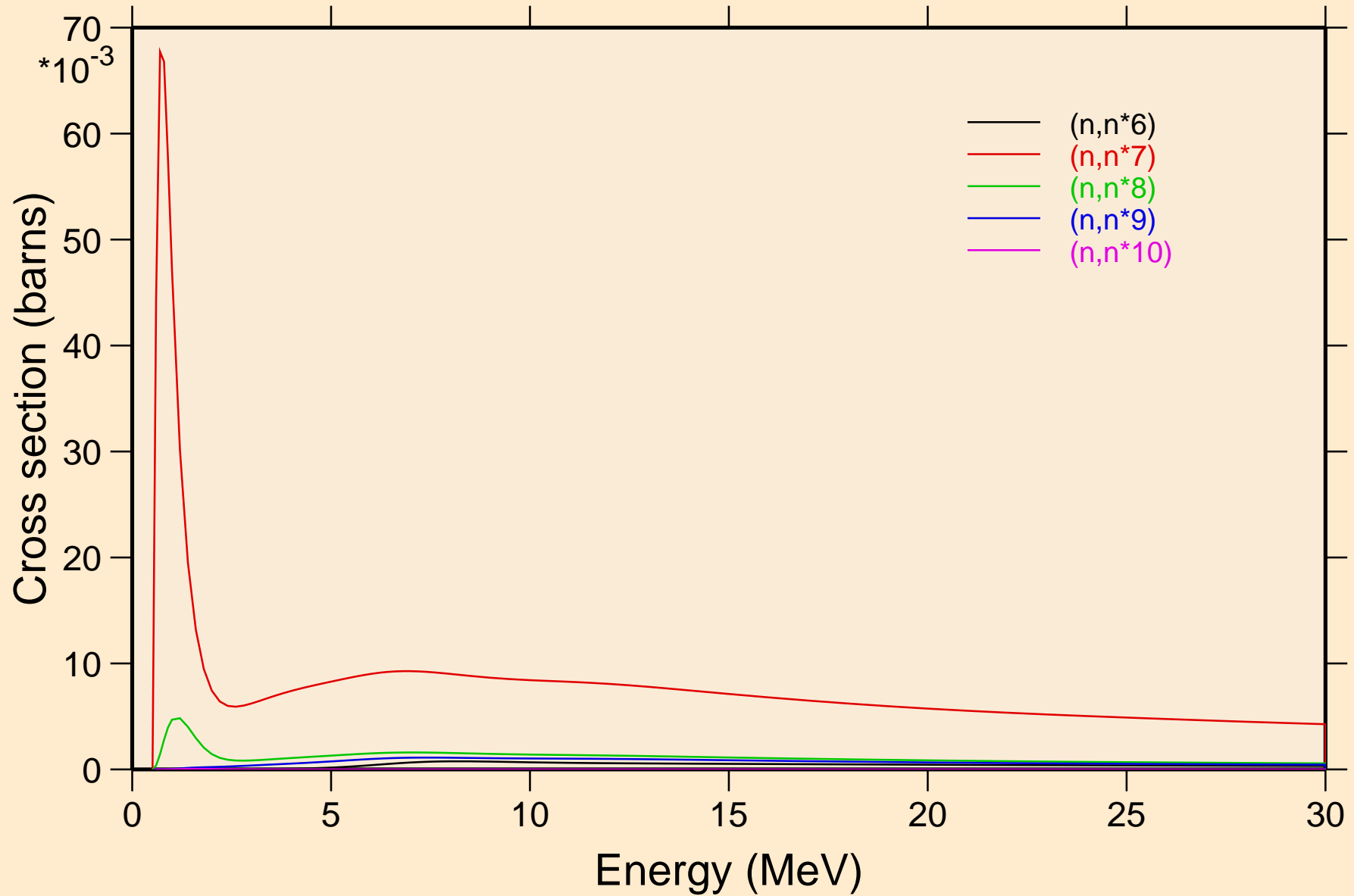
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



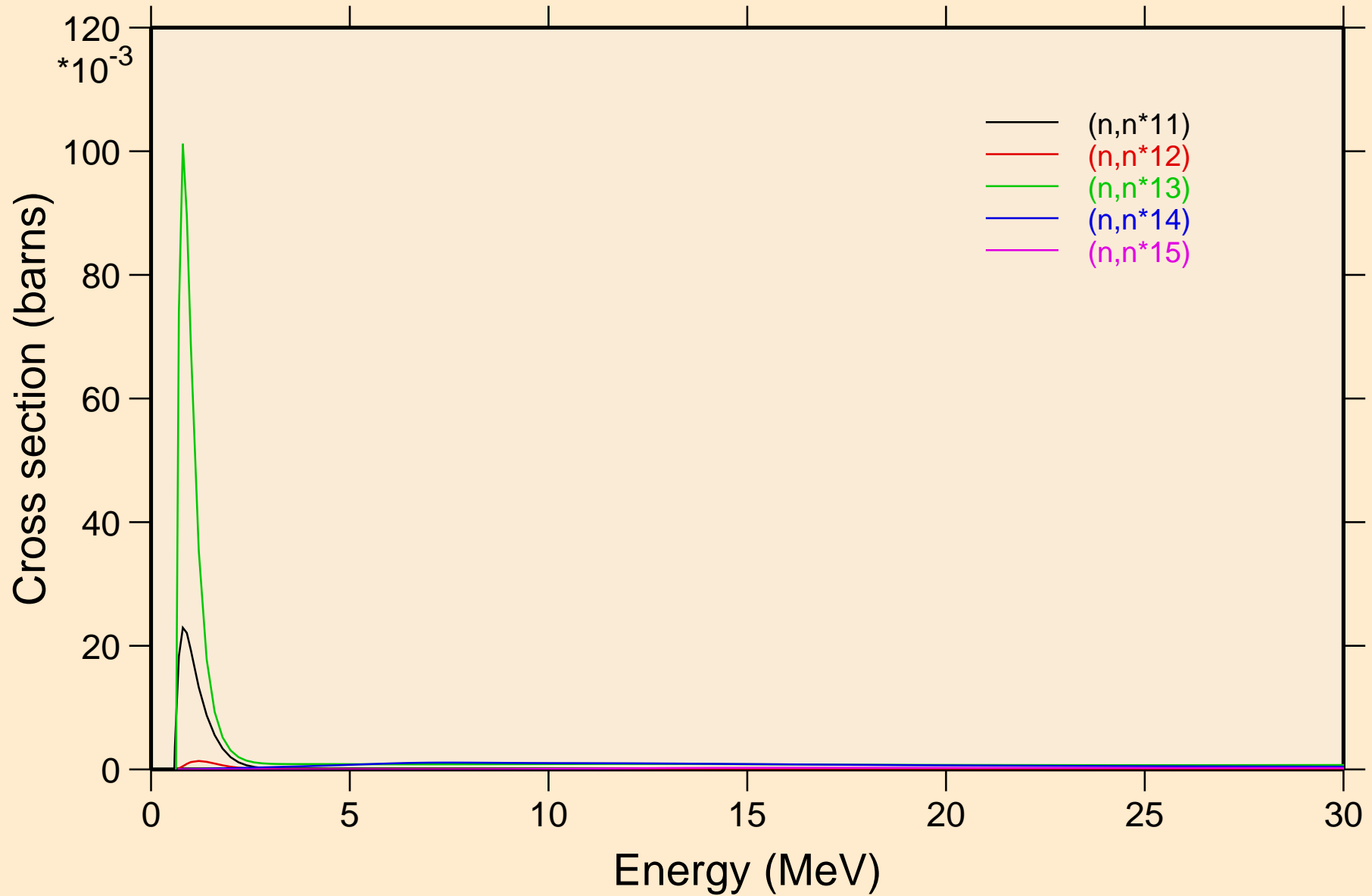
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

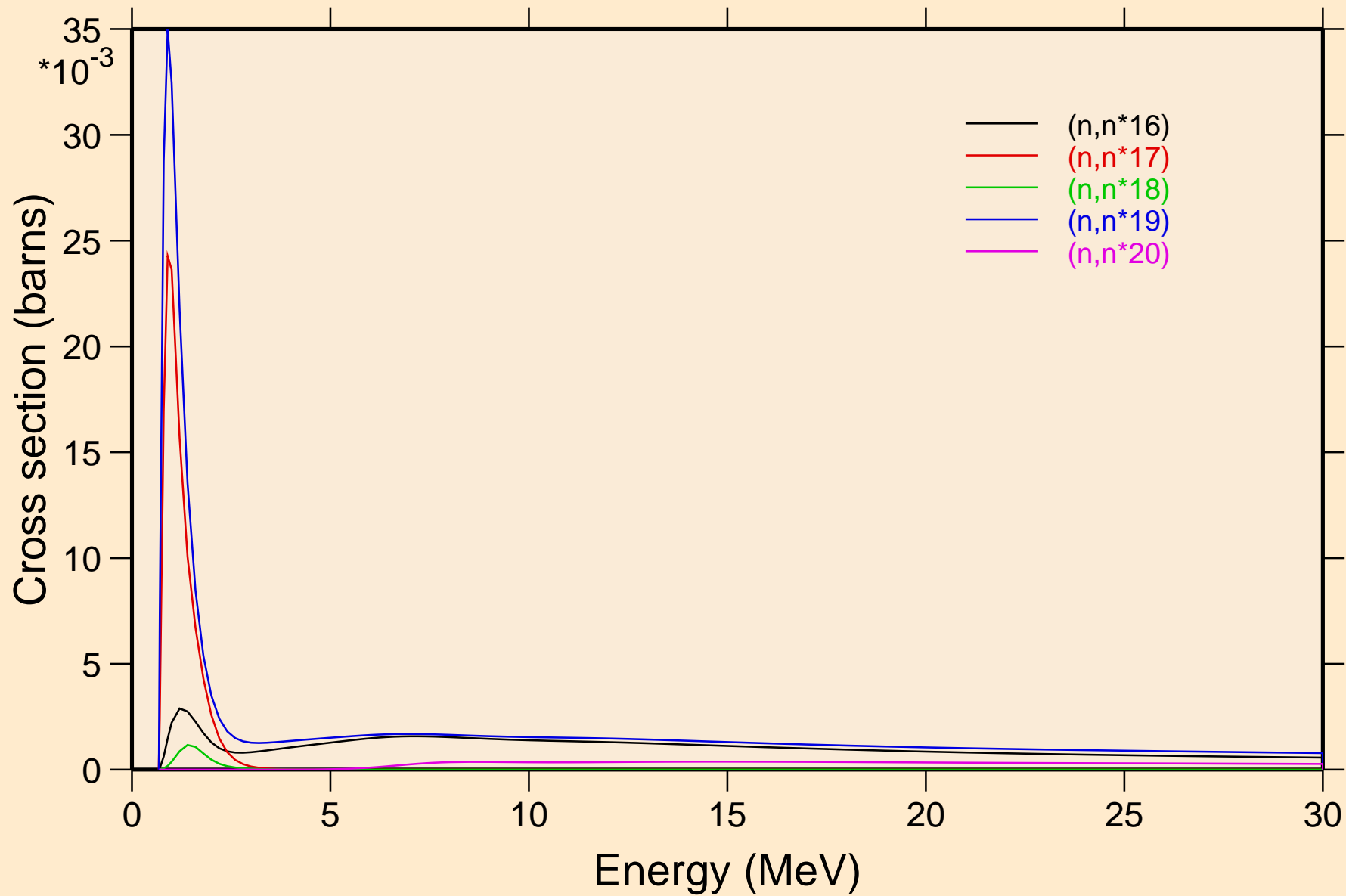


FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

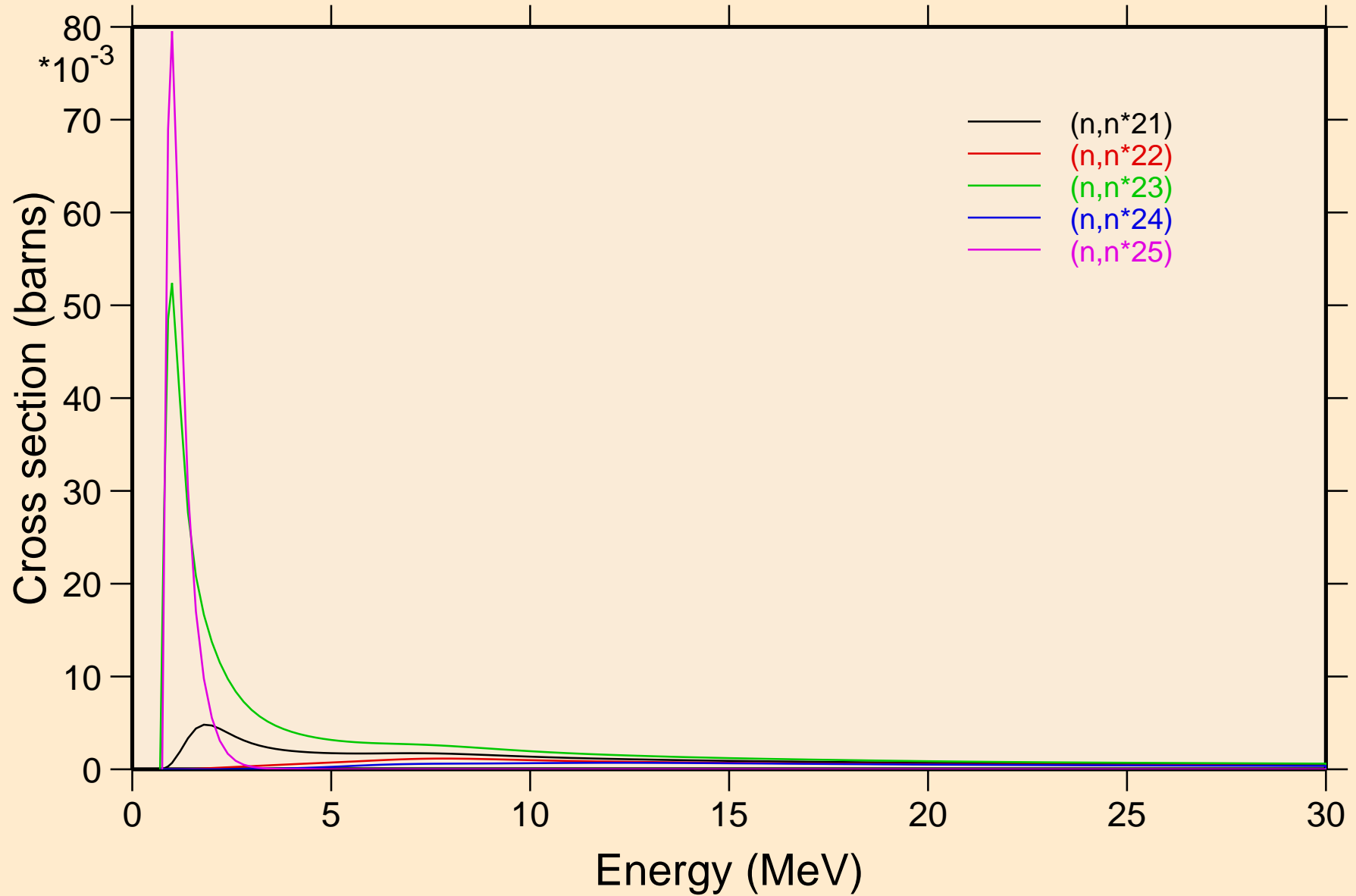


# FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

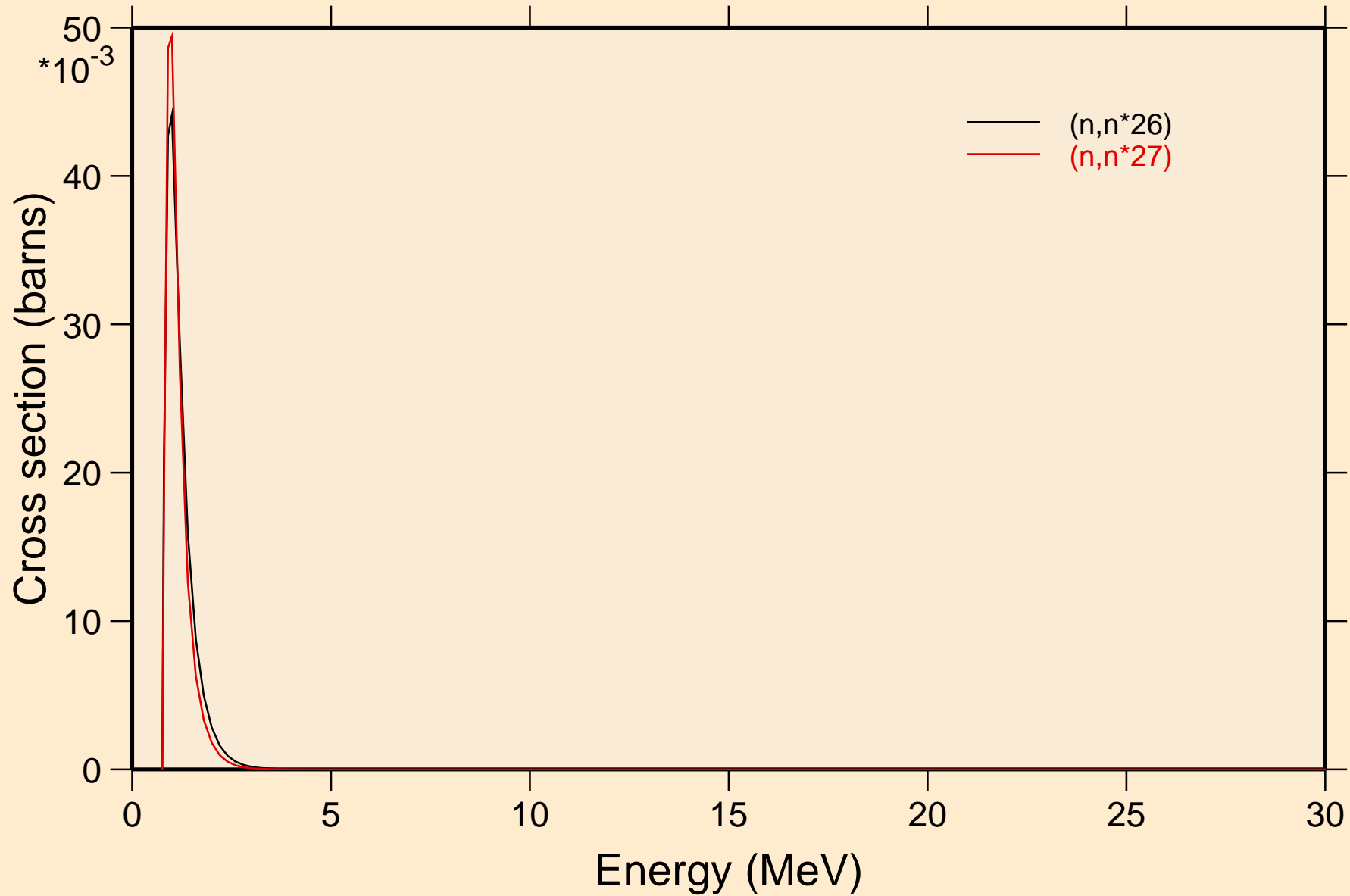
## Inelastic levels



FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

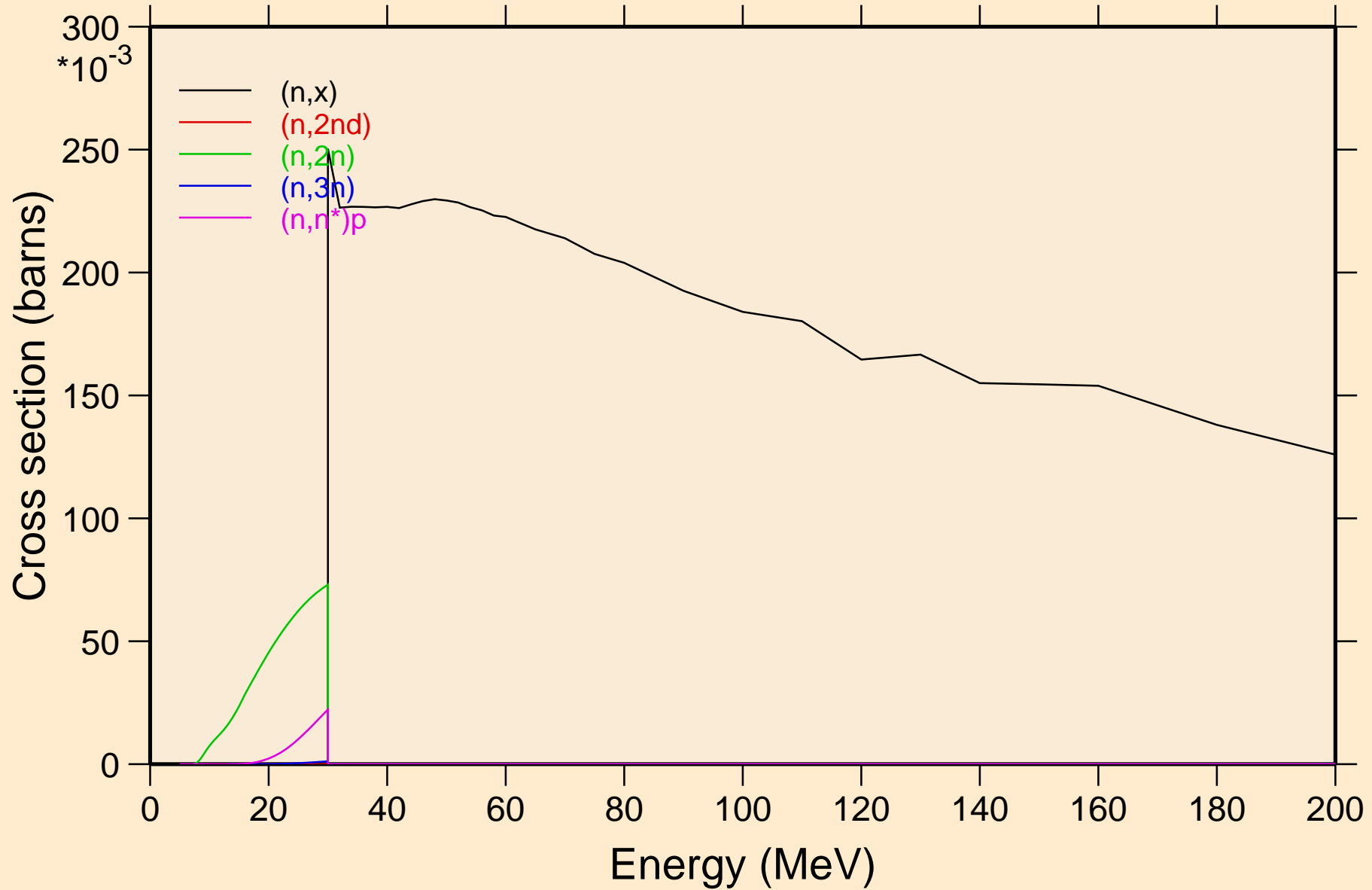


FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

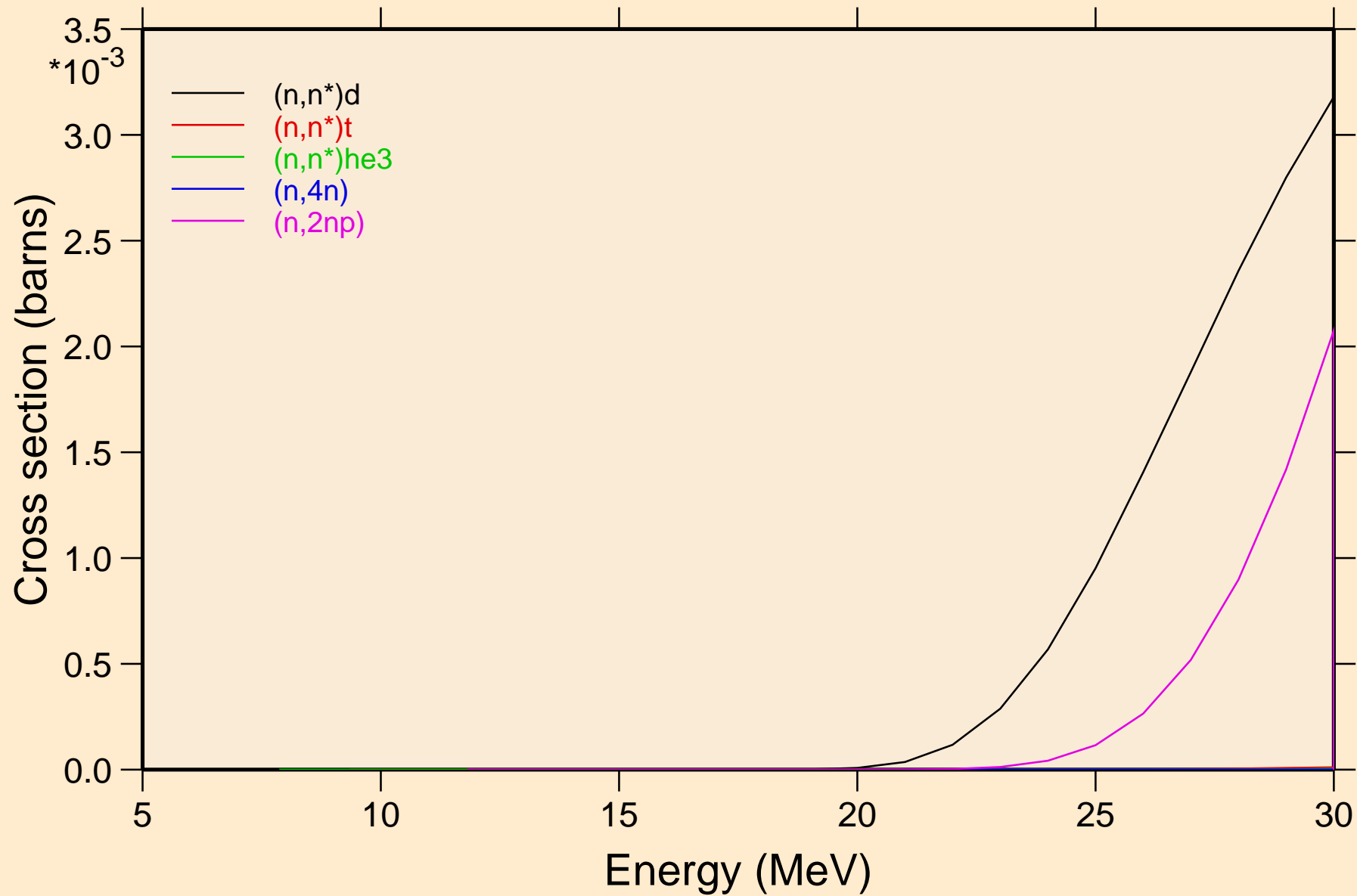


# FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

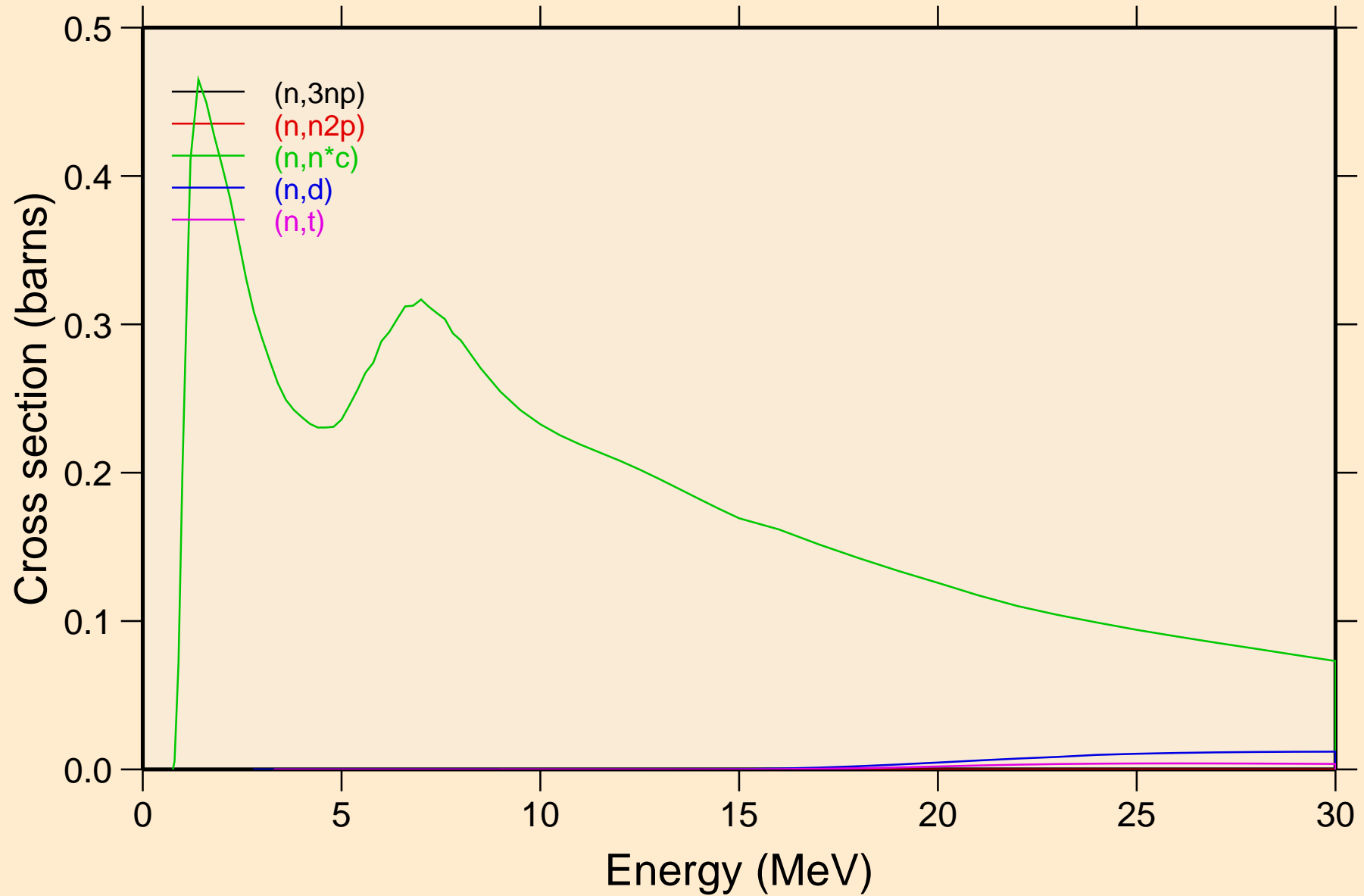


FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

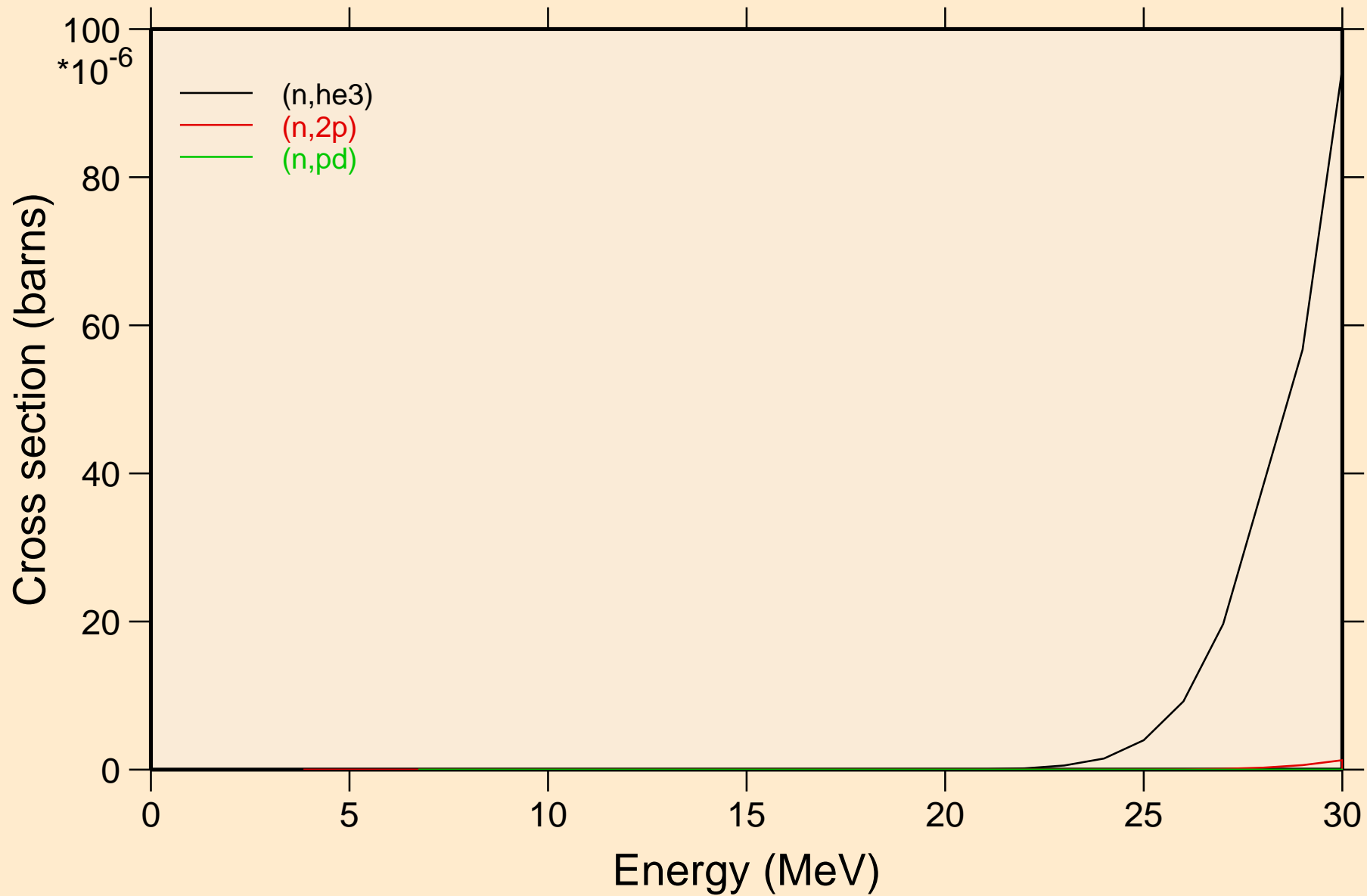


# FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

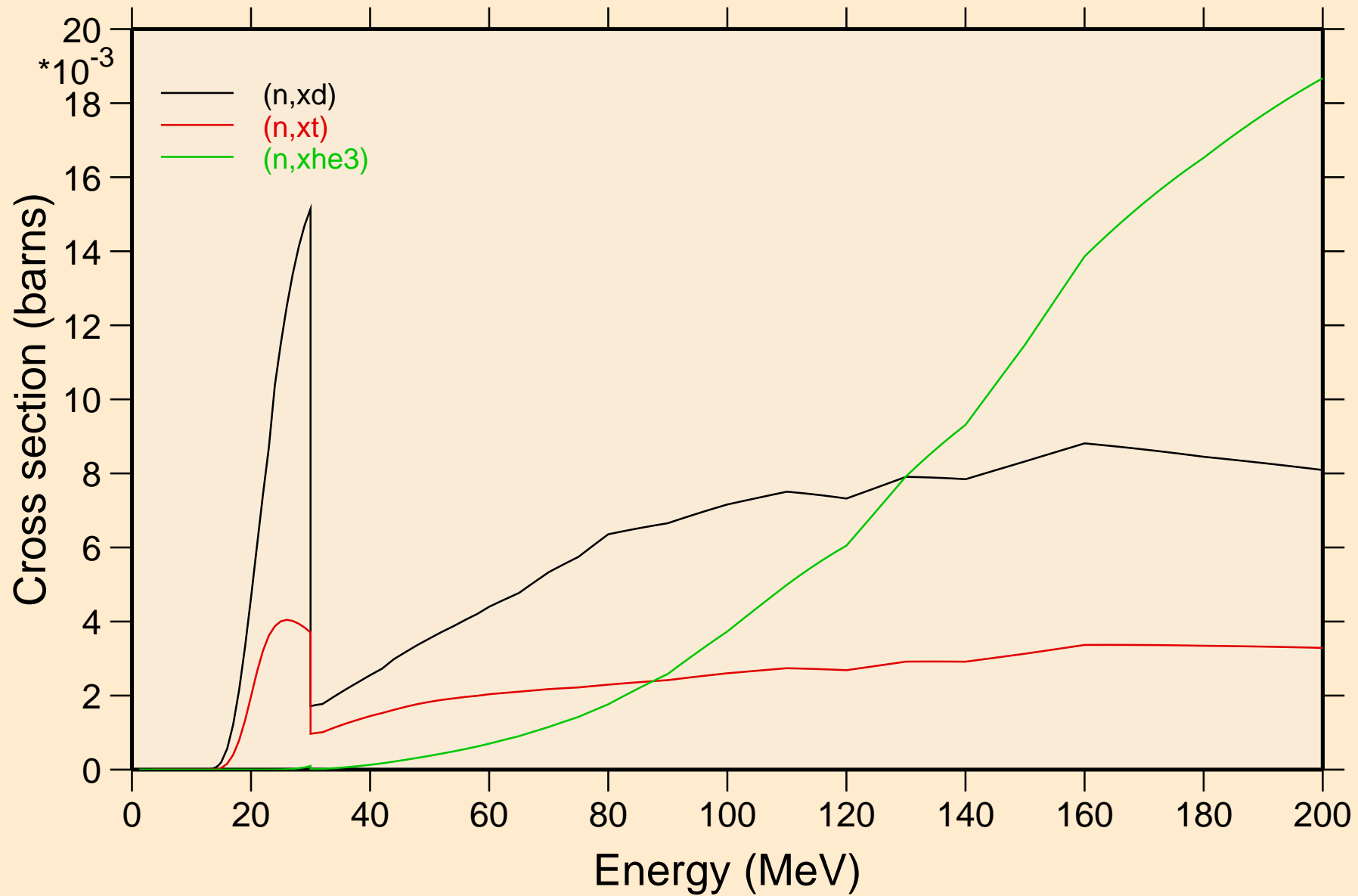


FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

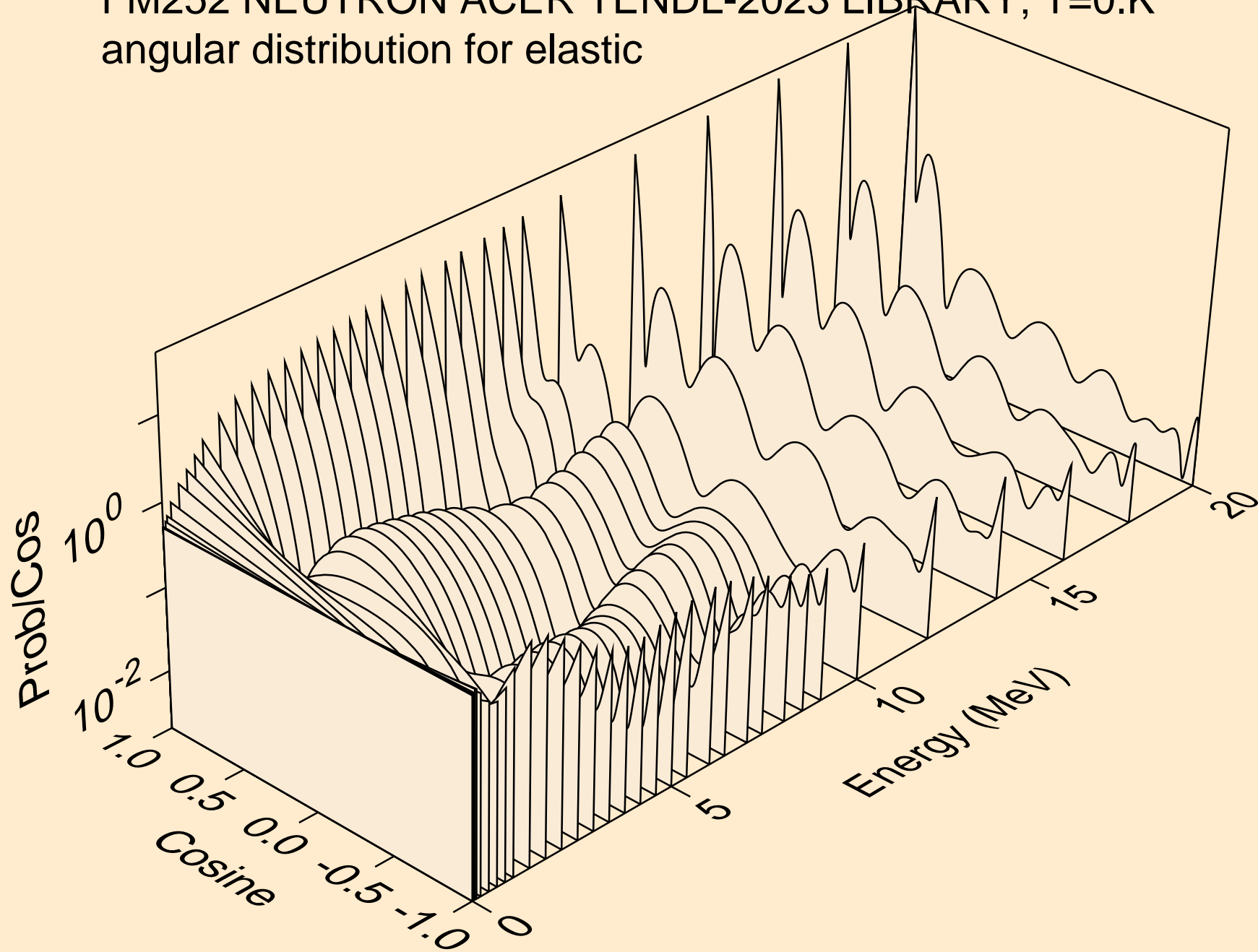


# FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

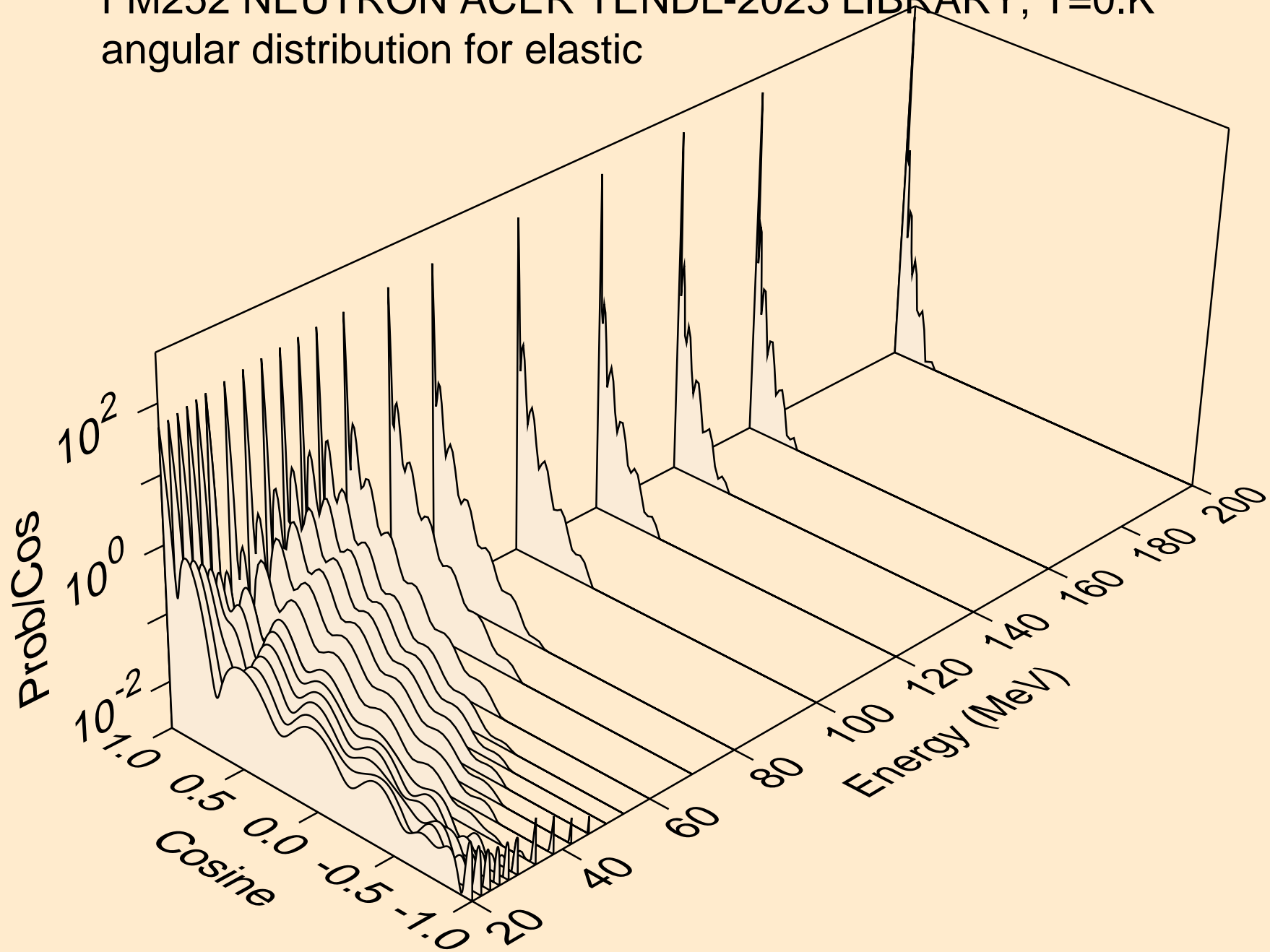
## Threshold reactions



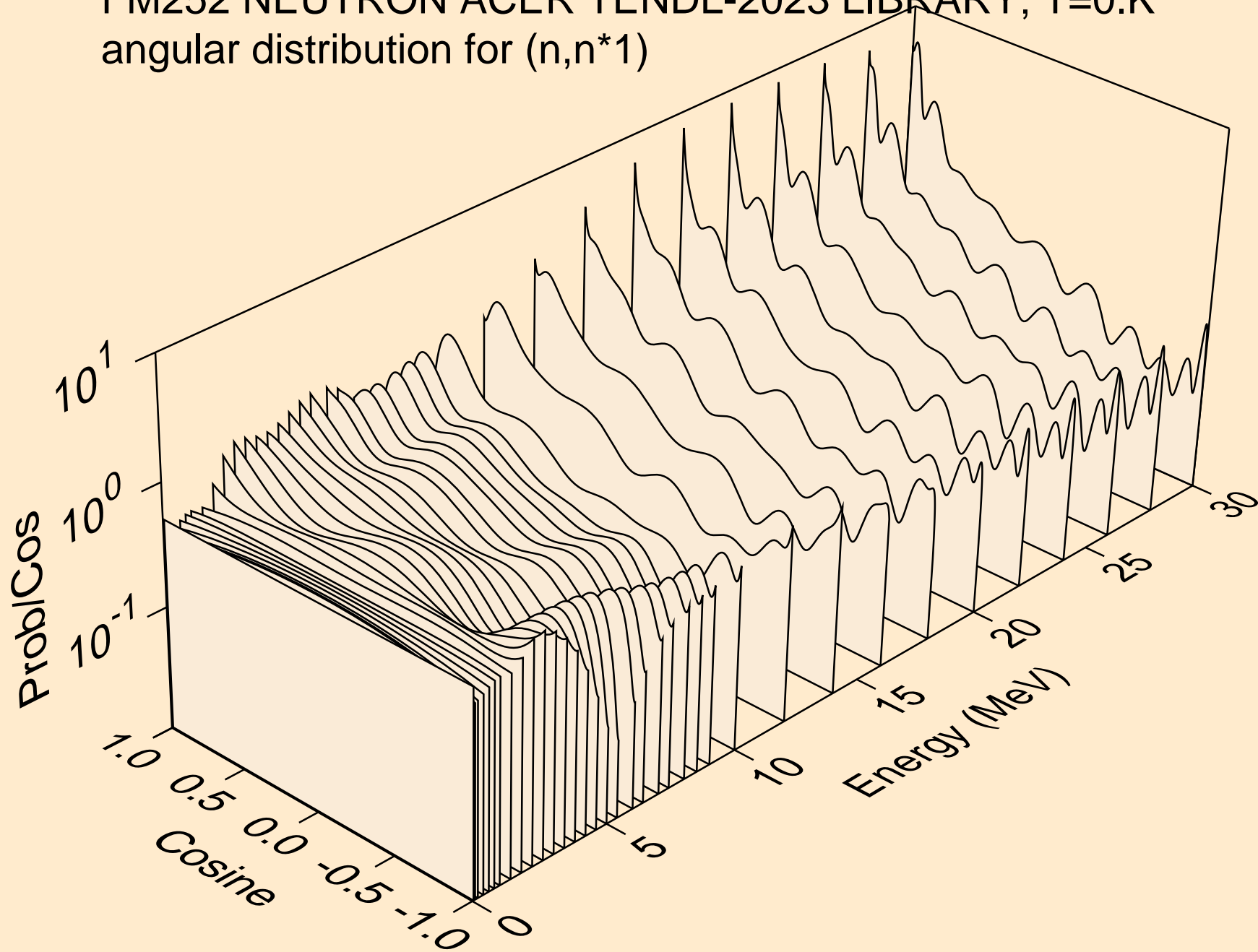
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



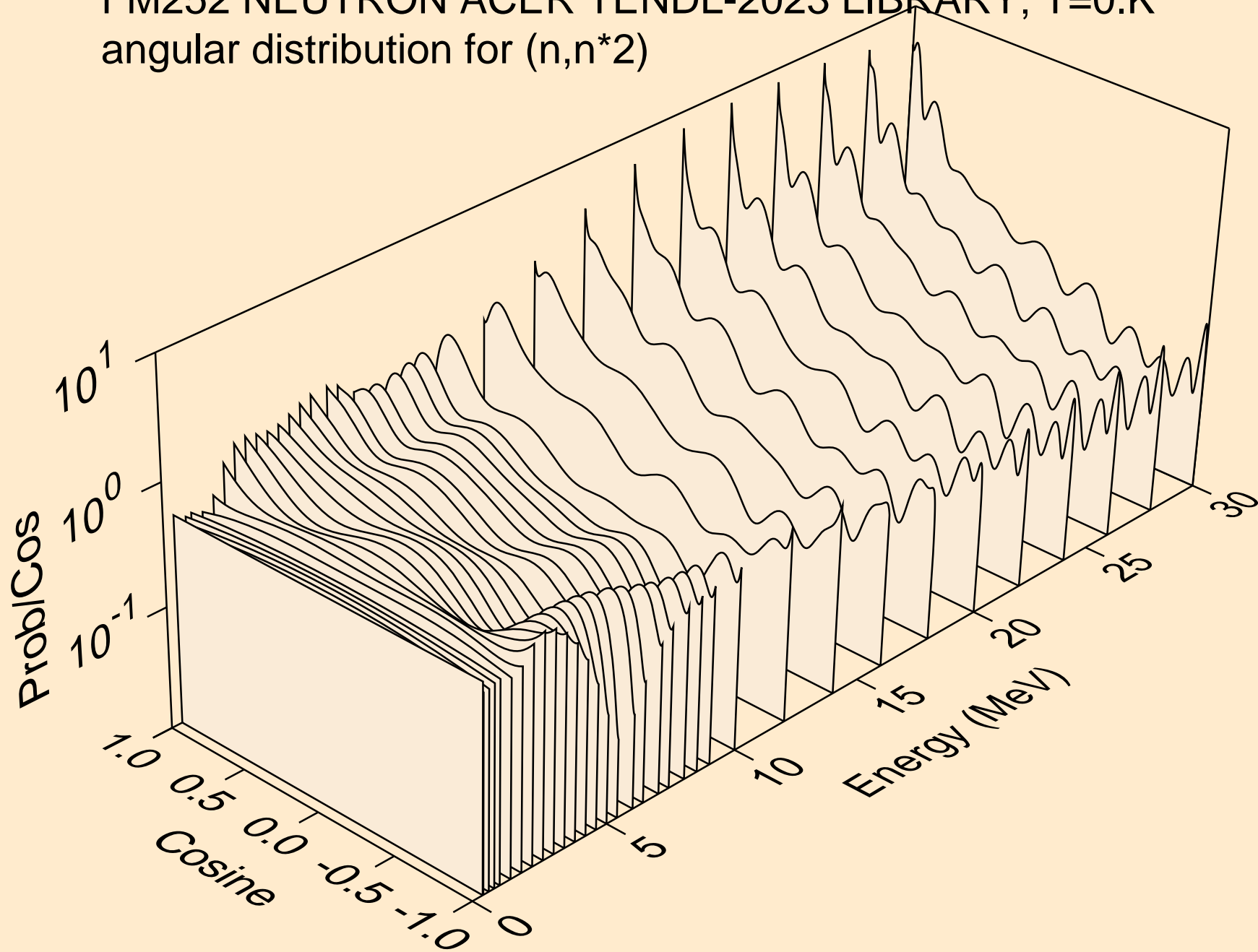
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



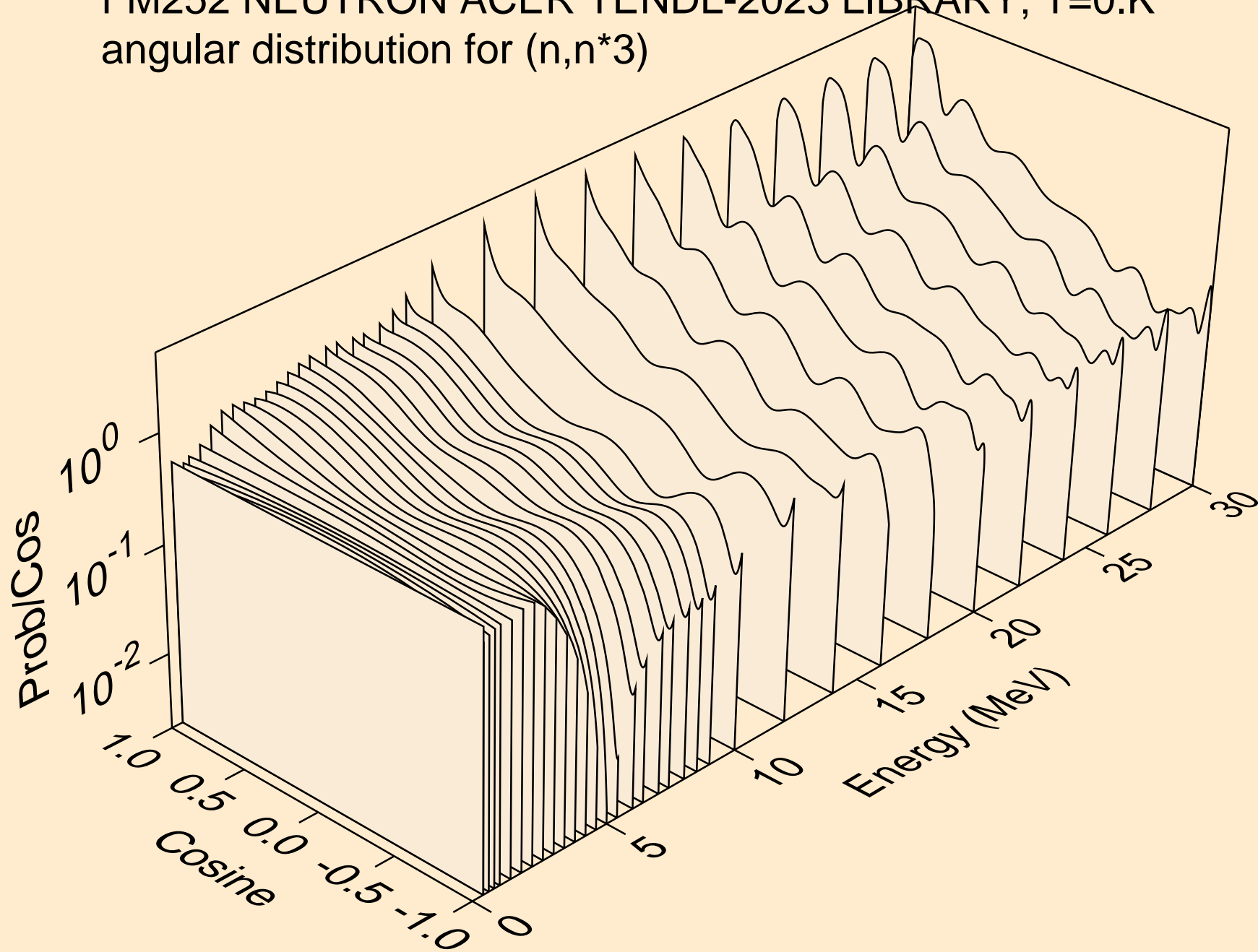
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



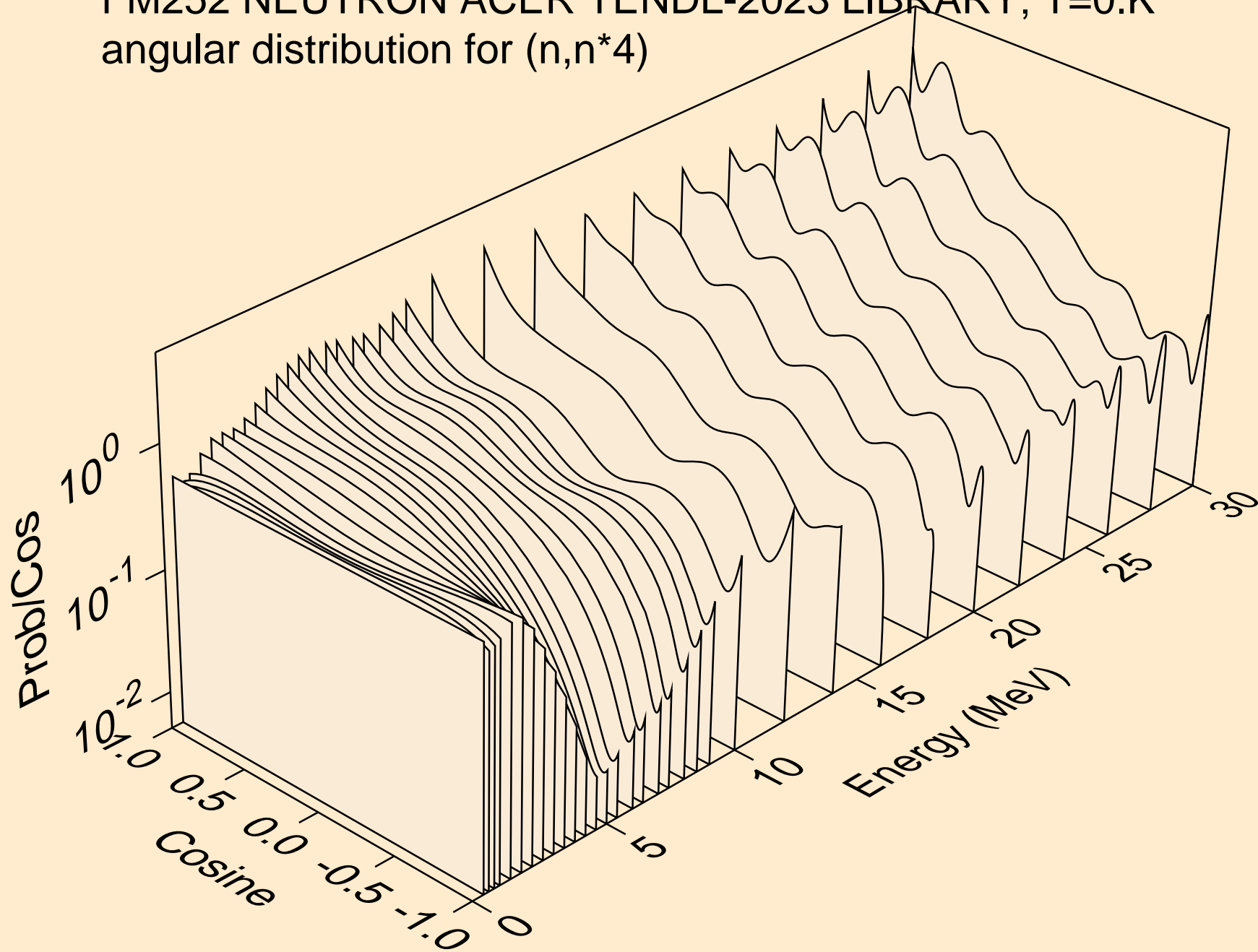
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



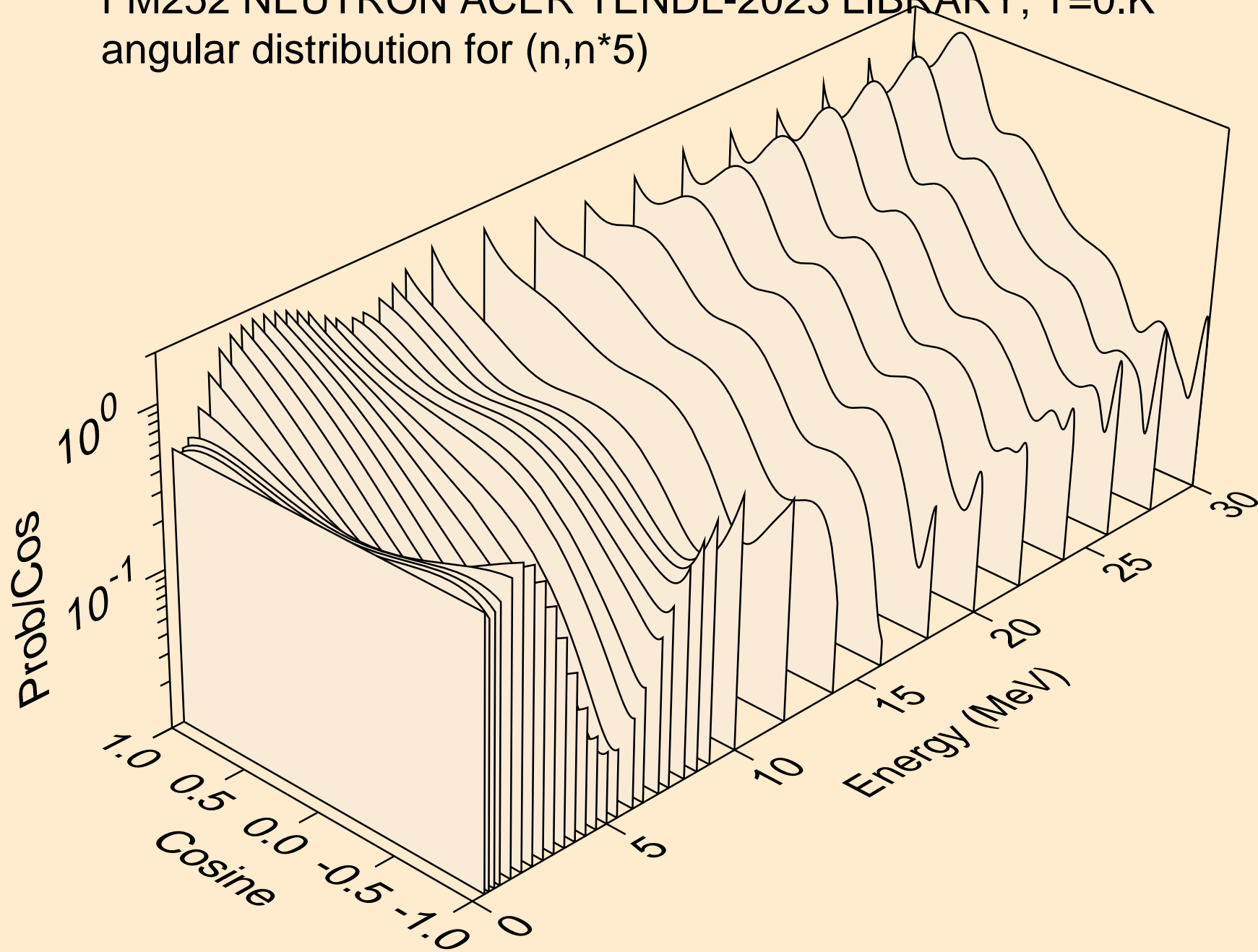
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angular distribution for (n,n\*3)



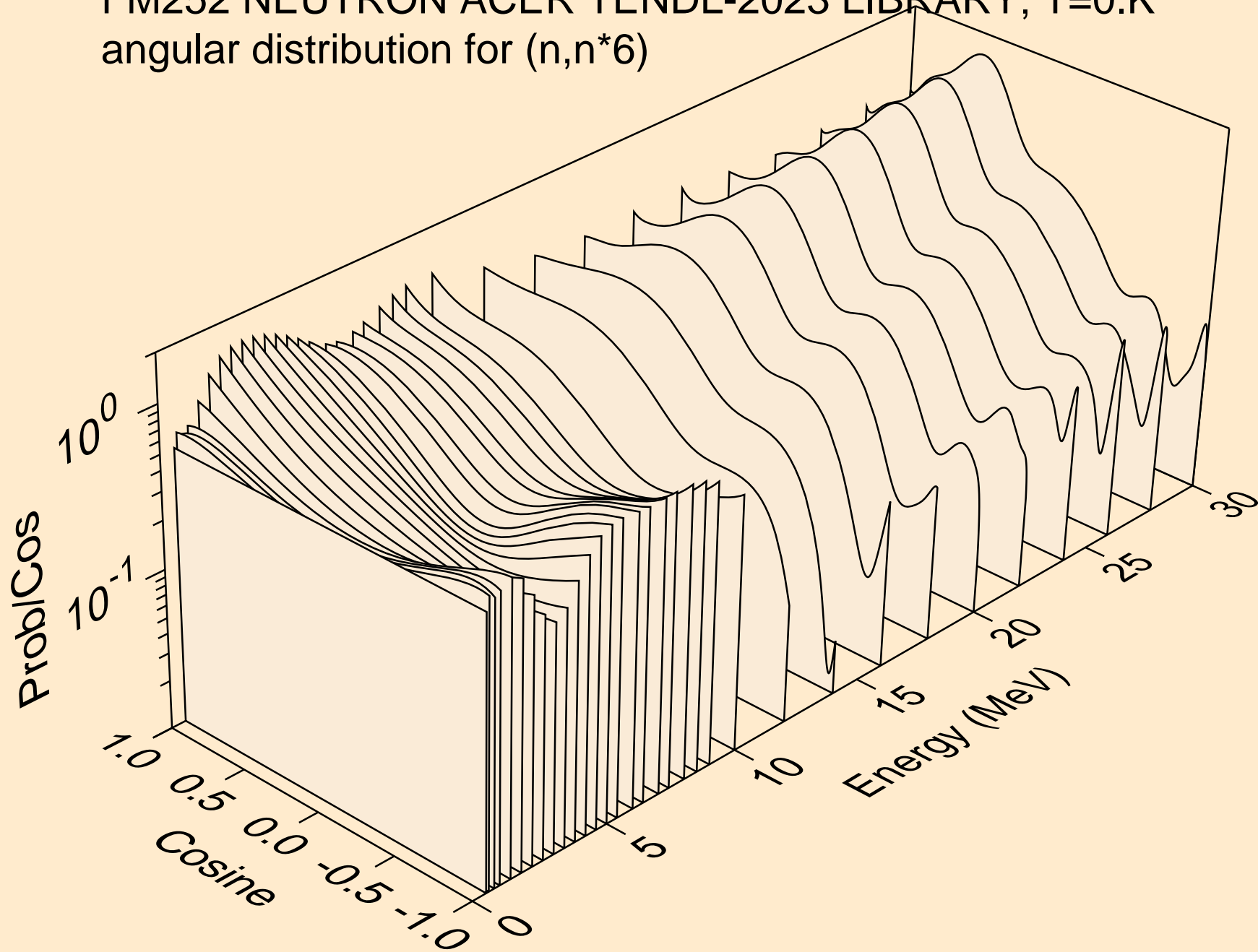
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angular distribution for (n,n\*4)



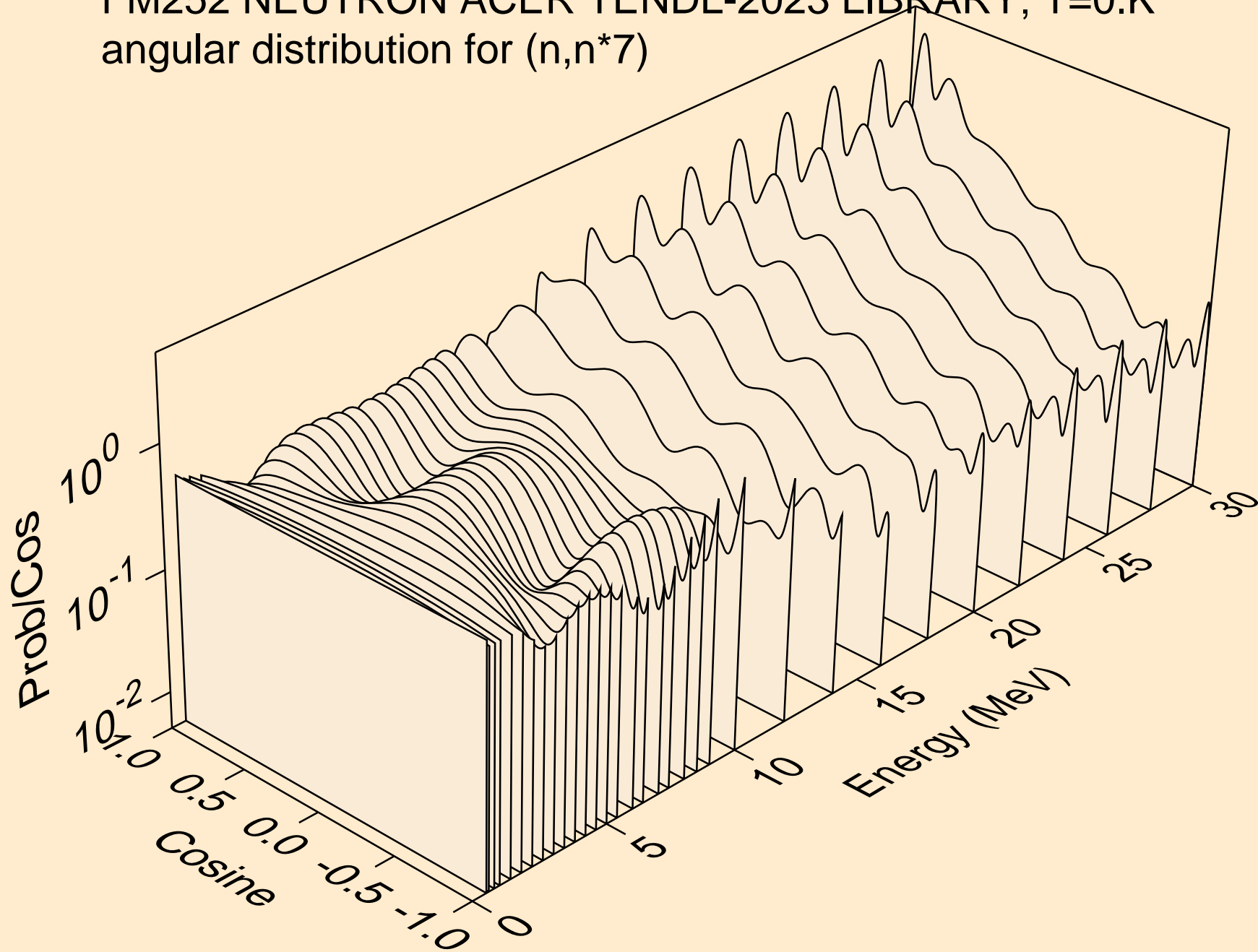
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angular distribution for (n,n\*5)



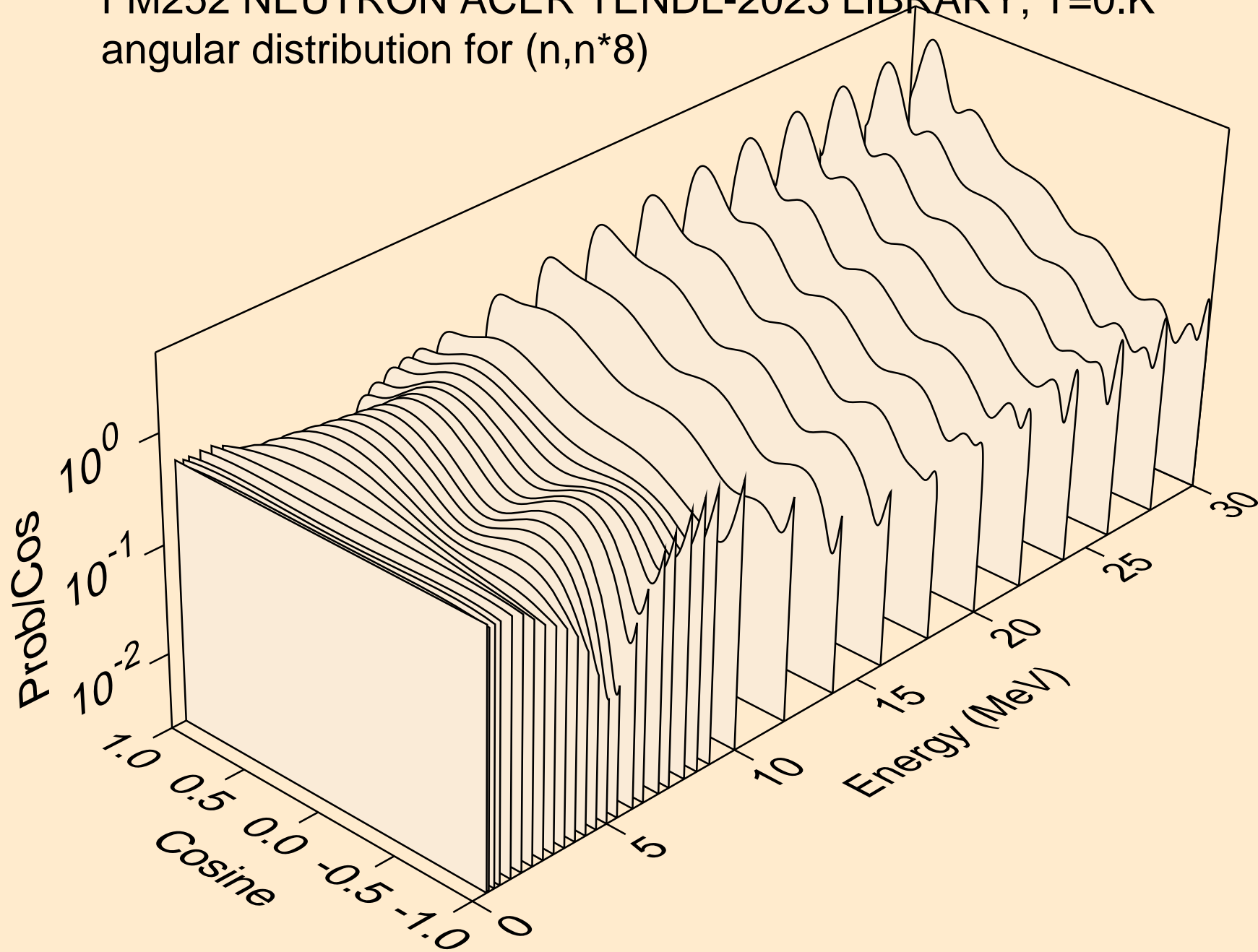
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angular distribution for (n,n\*6)



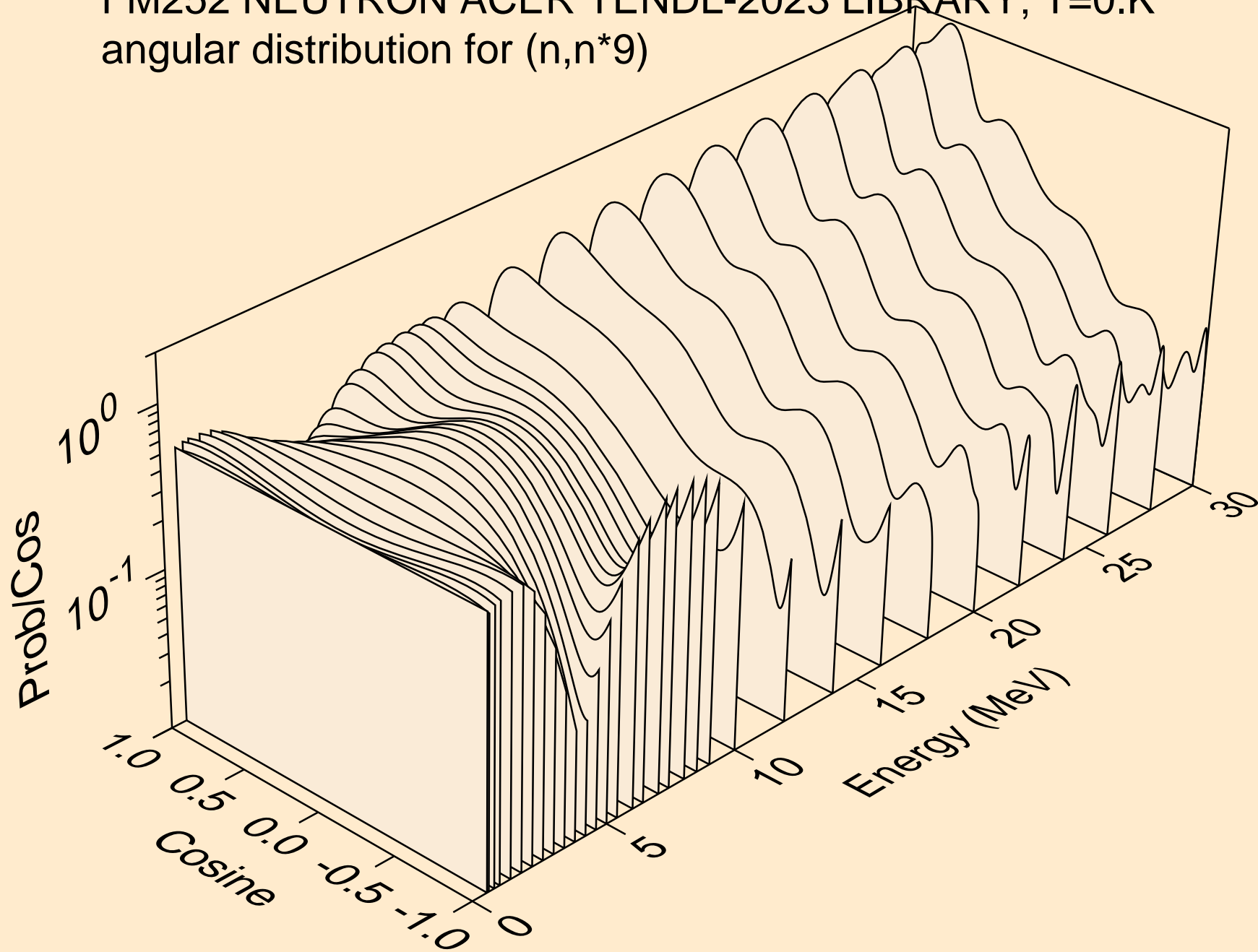
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angular distribution for (n,n\*7)



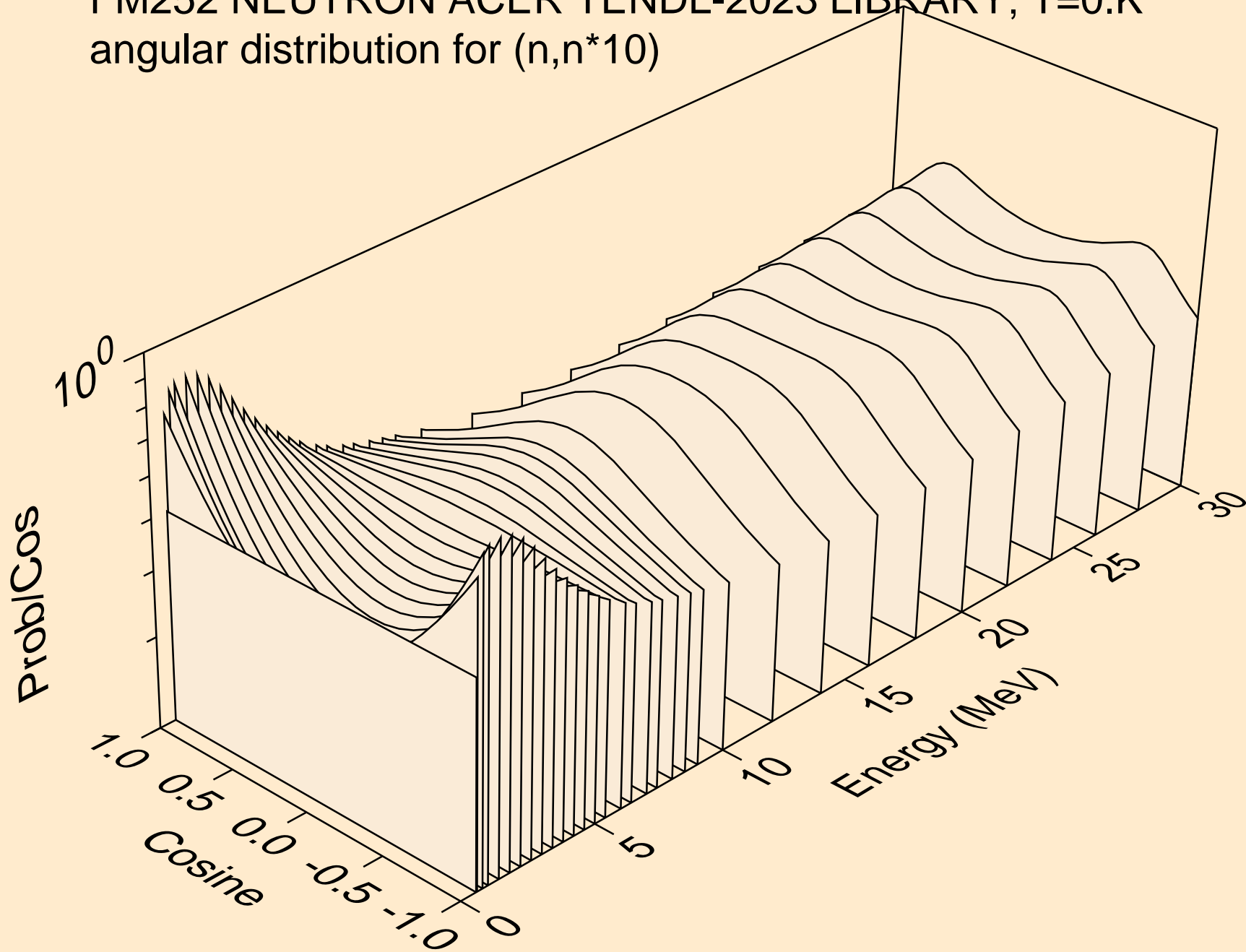
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angular distribution for (n,n\*8)



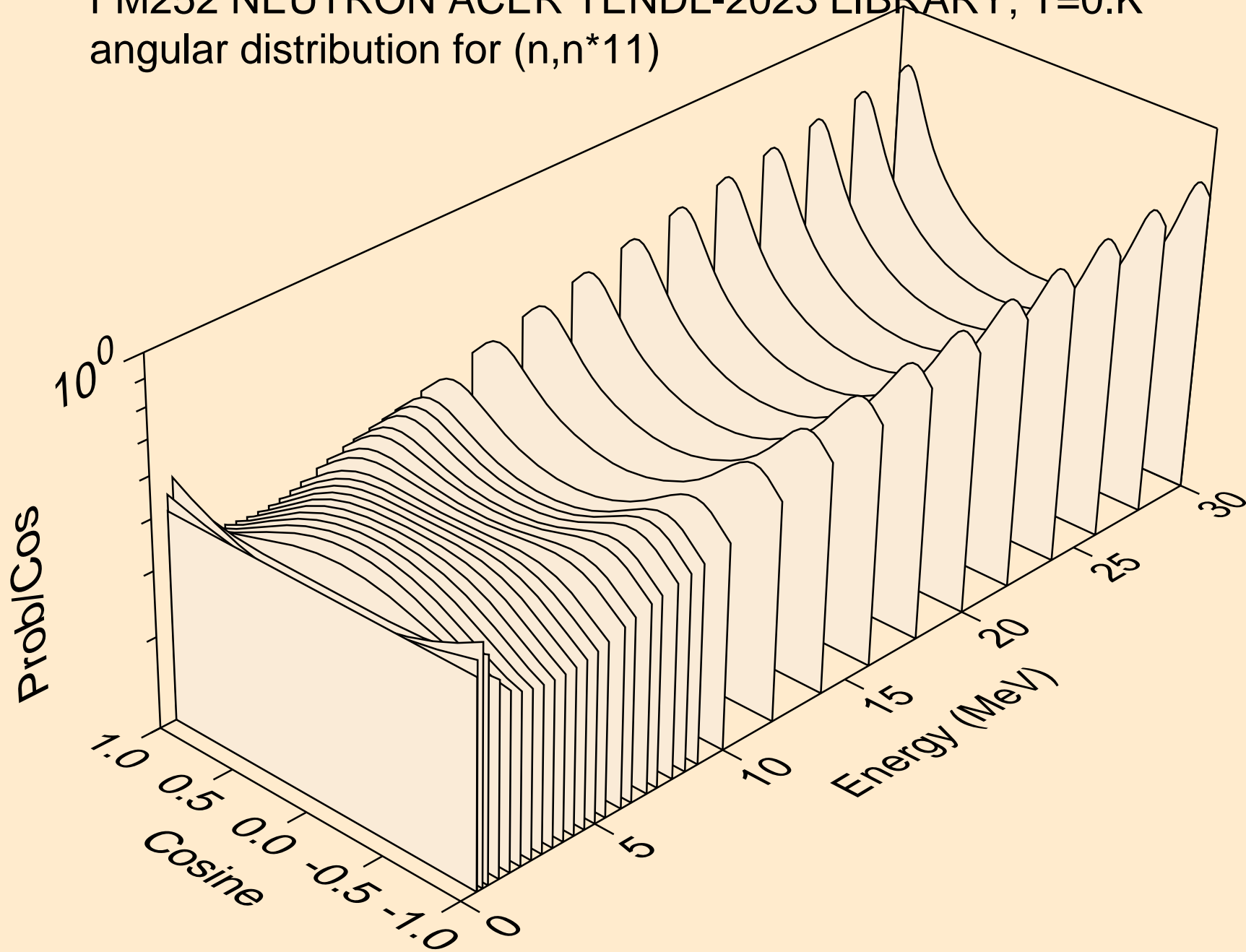
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angular distribution for (n,n\*9)



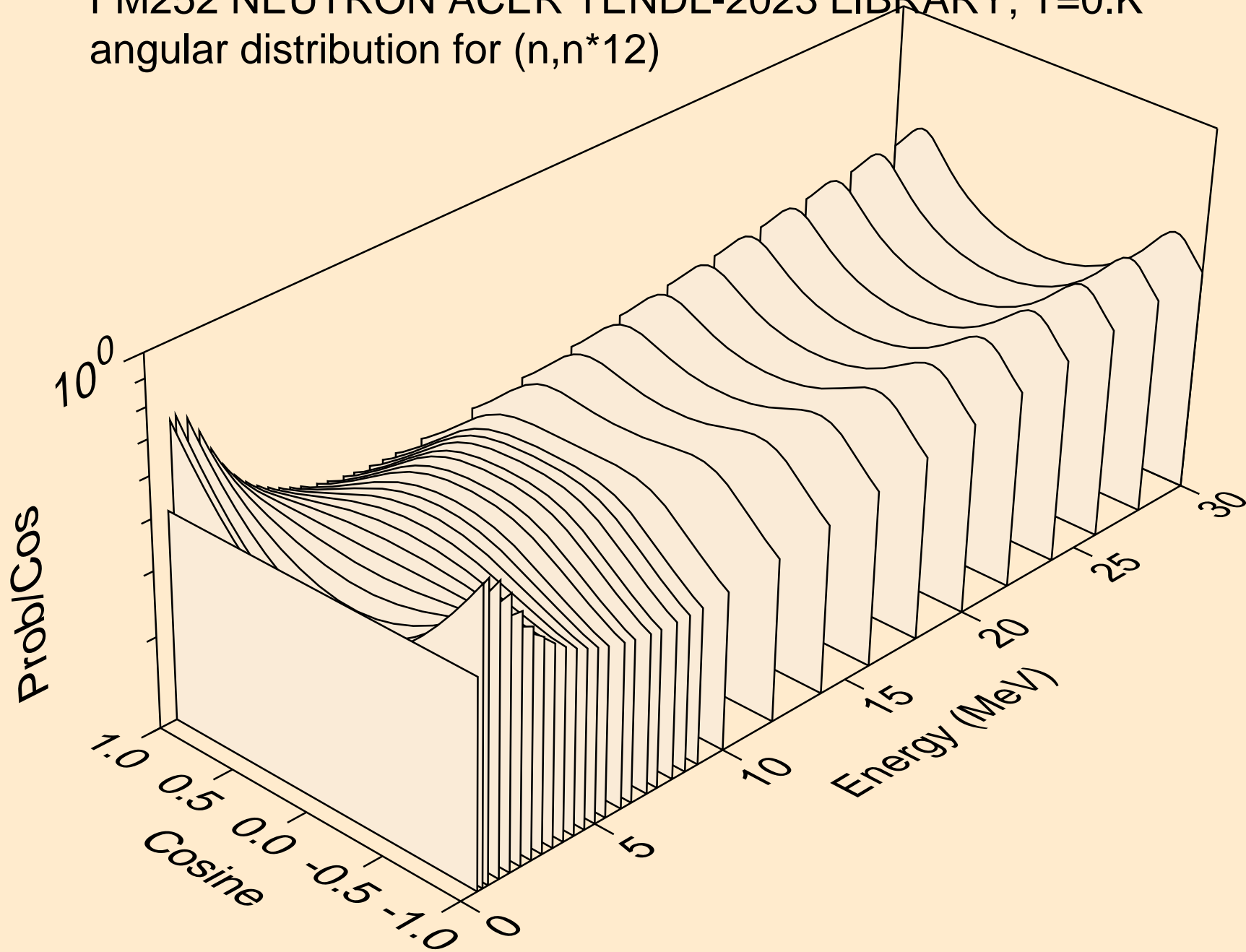
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angular distribution for (n,n\*10)



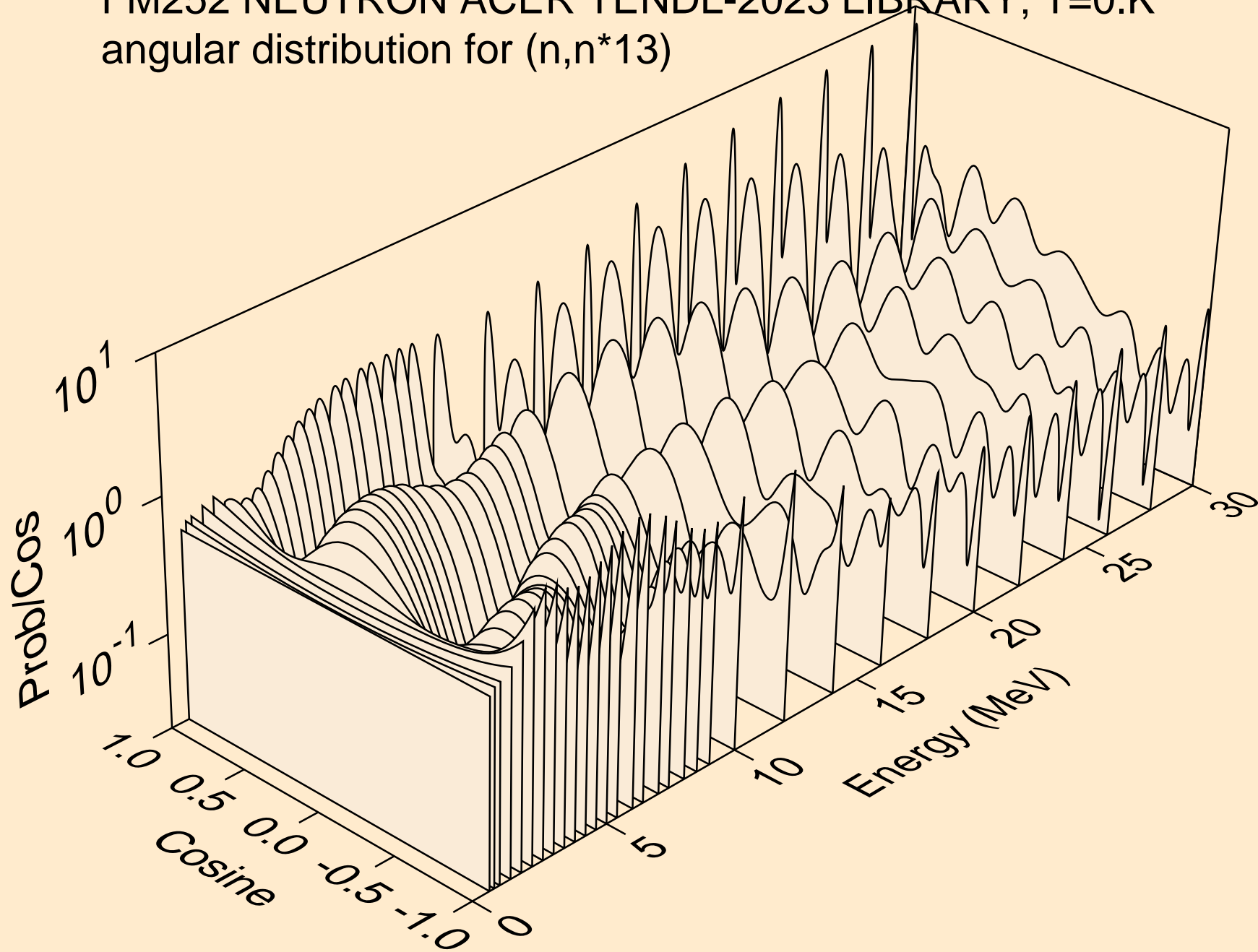
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angular distribution for (n,n\*11)



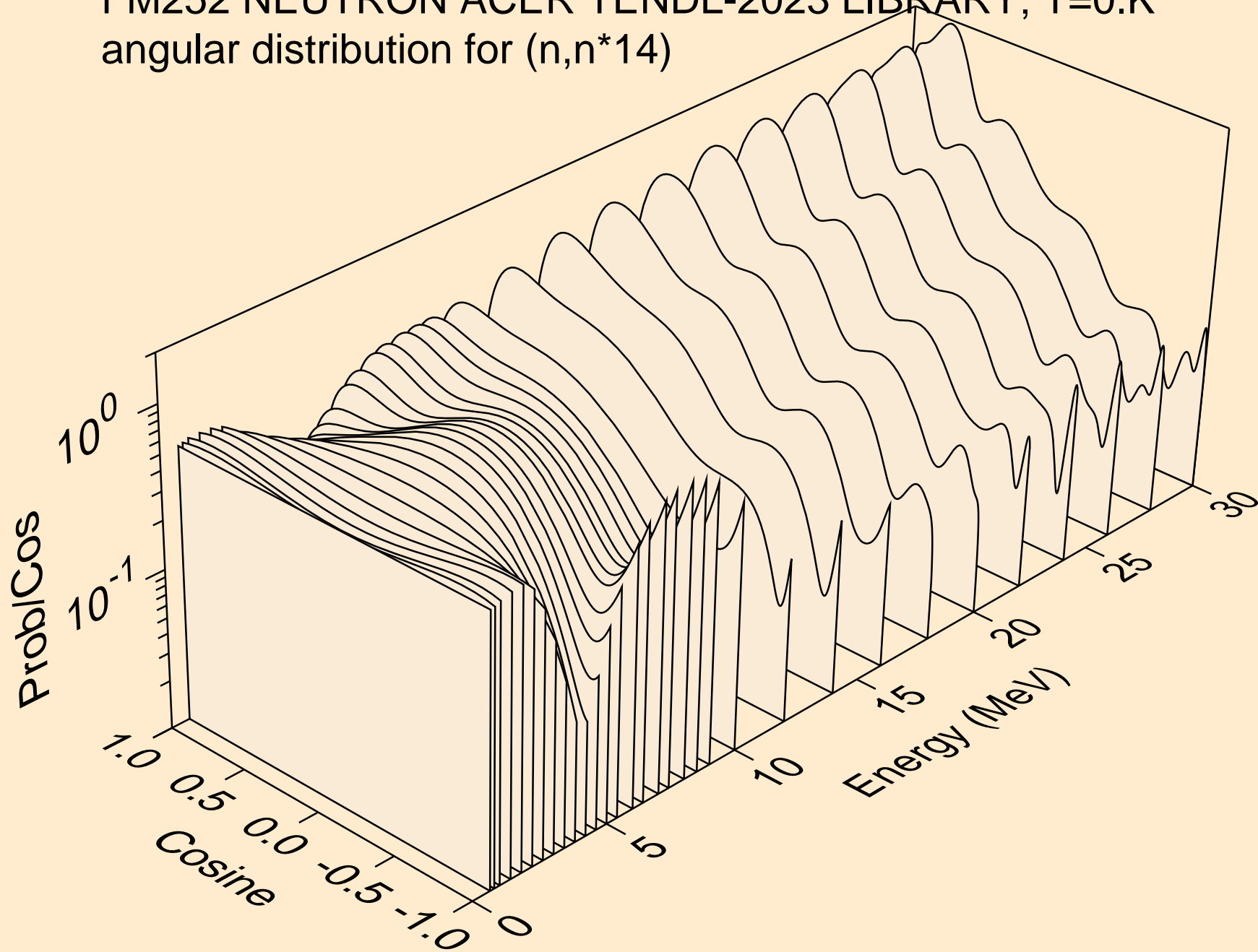
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angular distribution for (n,n\*12)



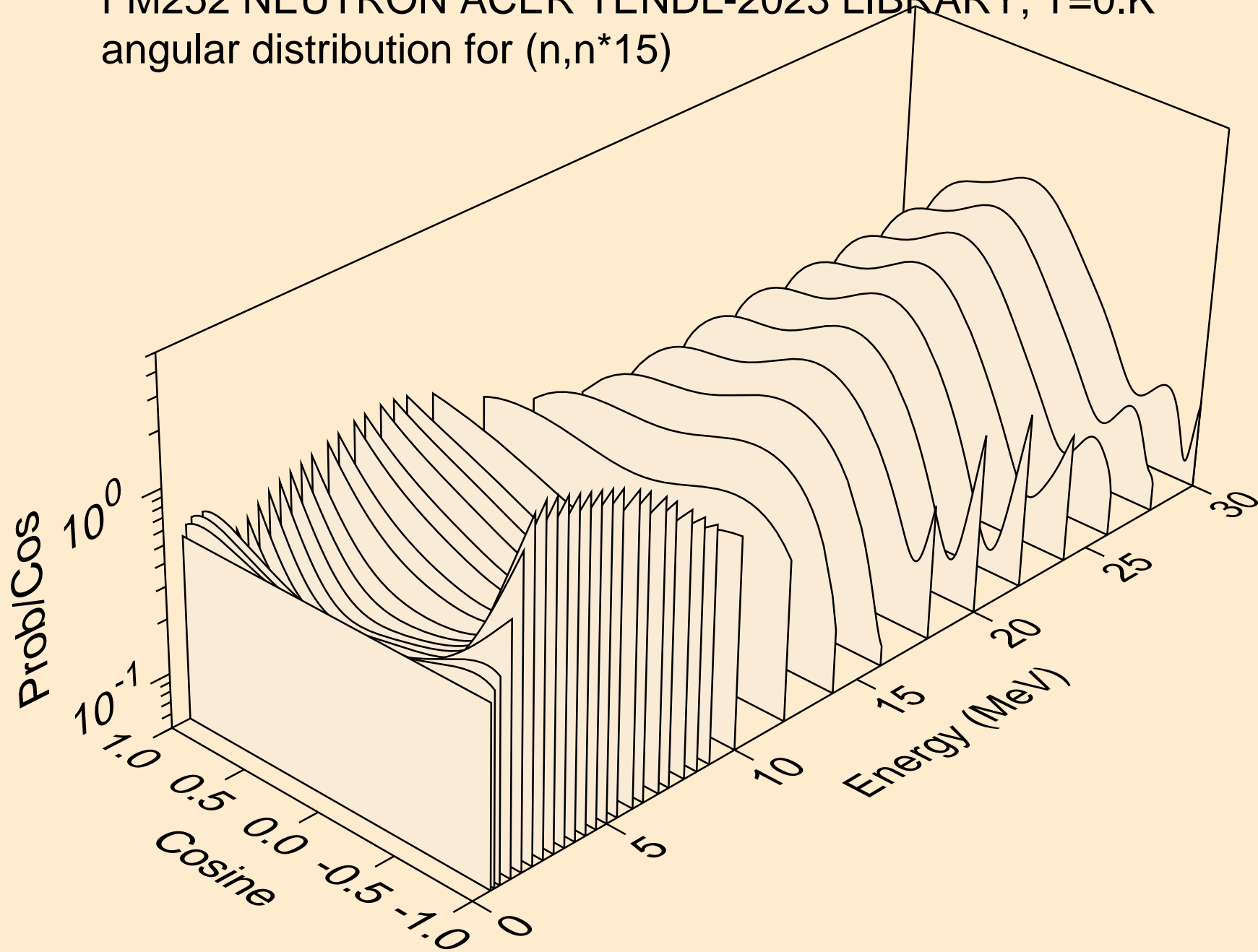
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angular distribution for (n,n\*13)



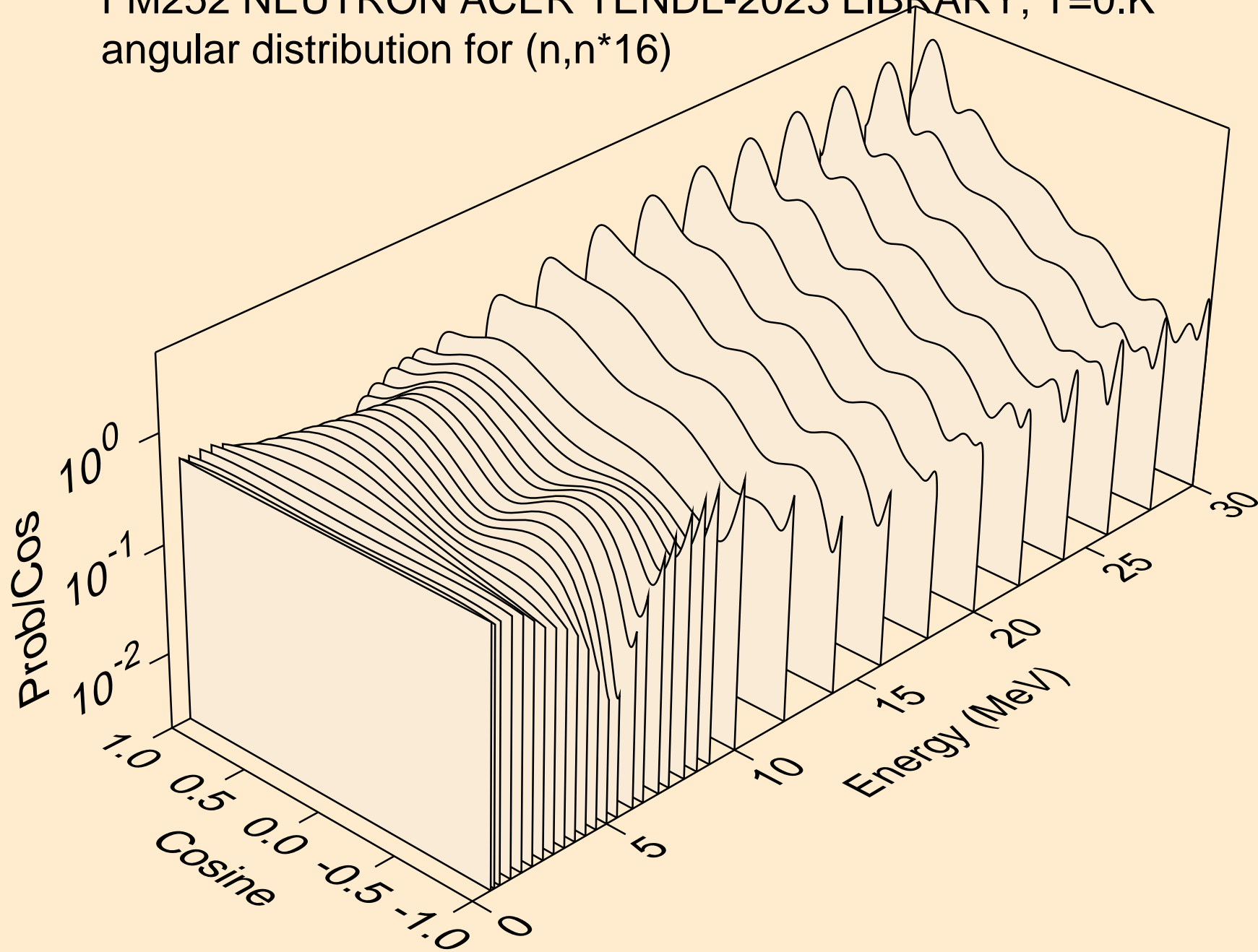
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angular distribution for (n,n\*14)



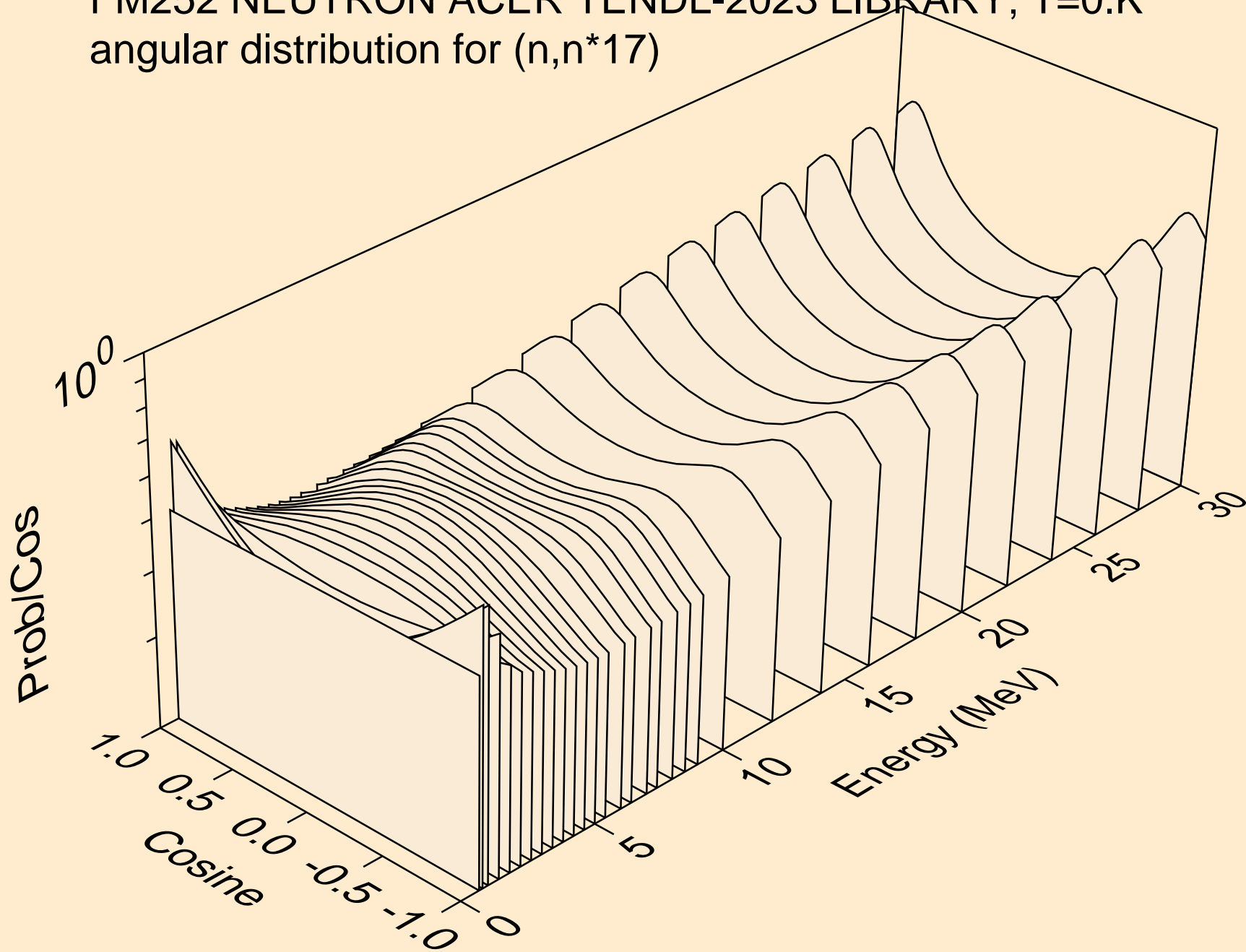
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angular distribution for (n,n\*15)



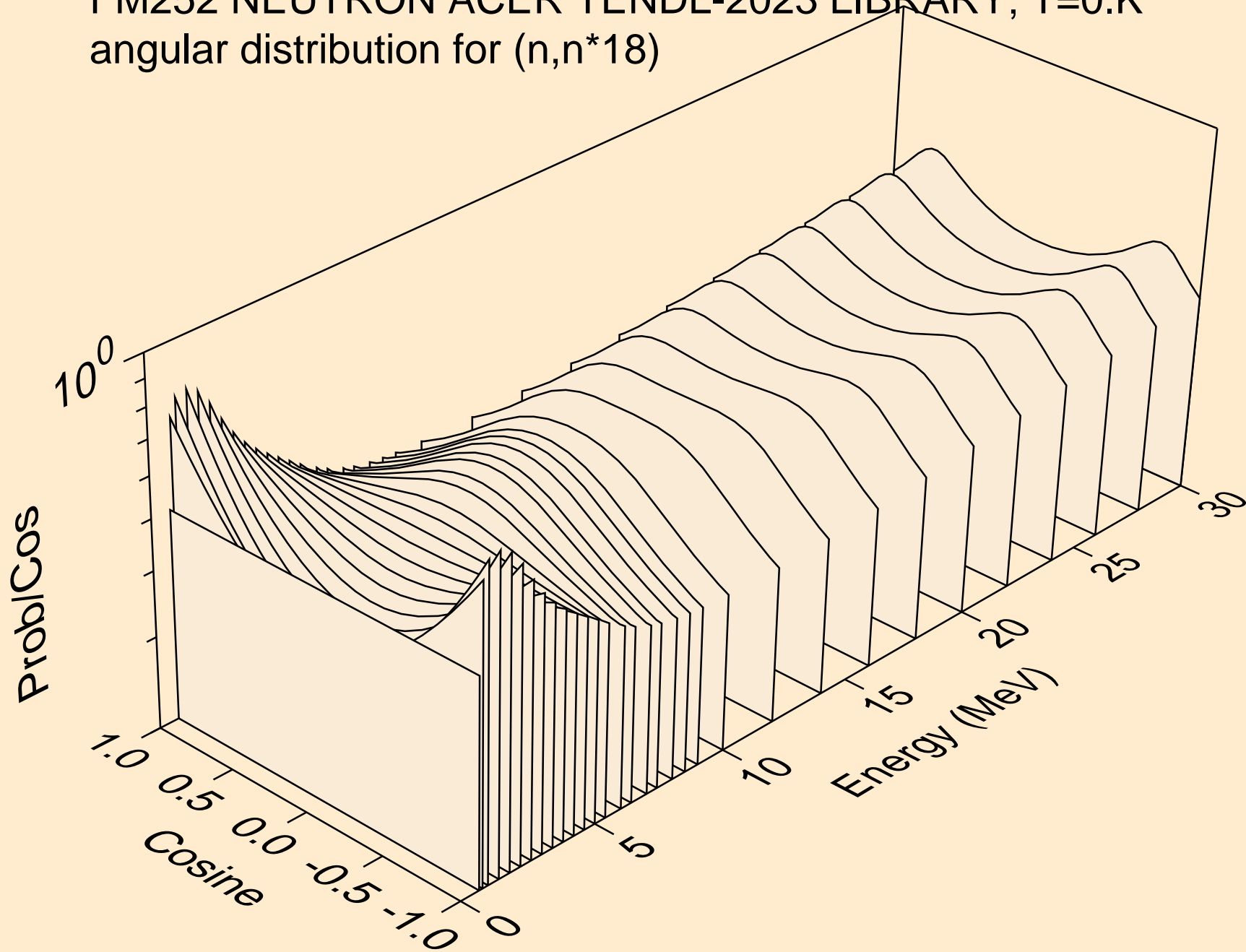
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angular distribution for (n,n\*16)



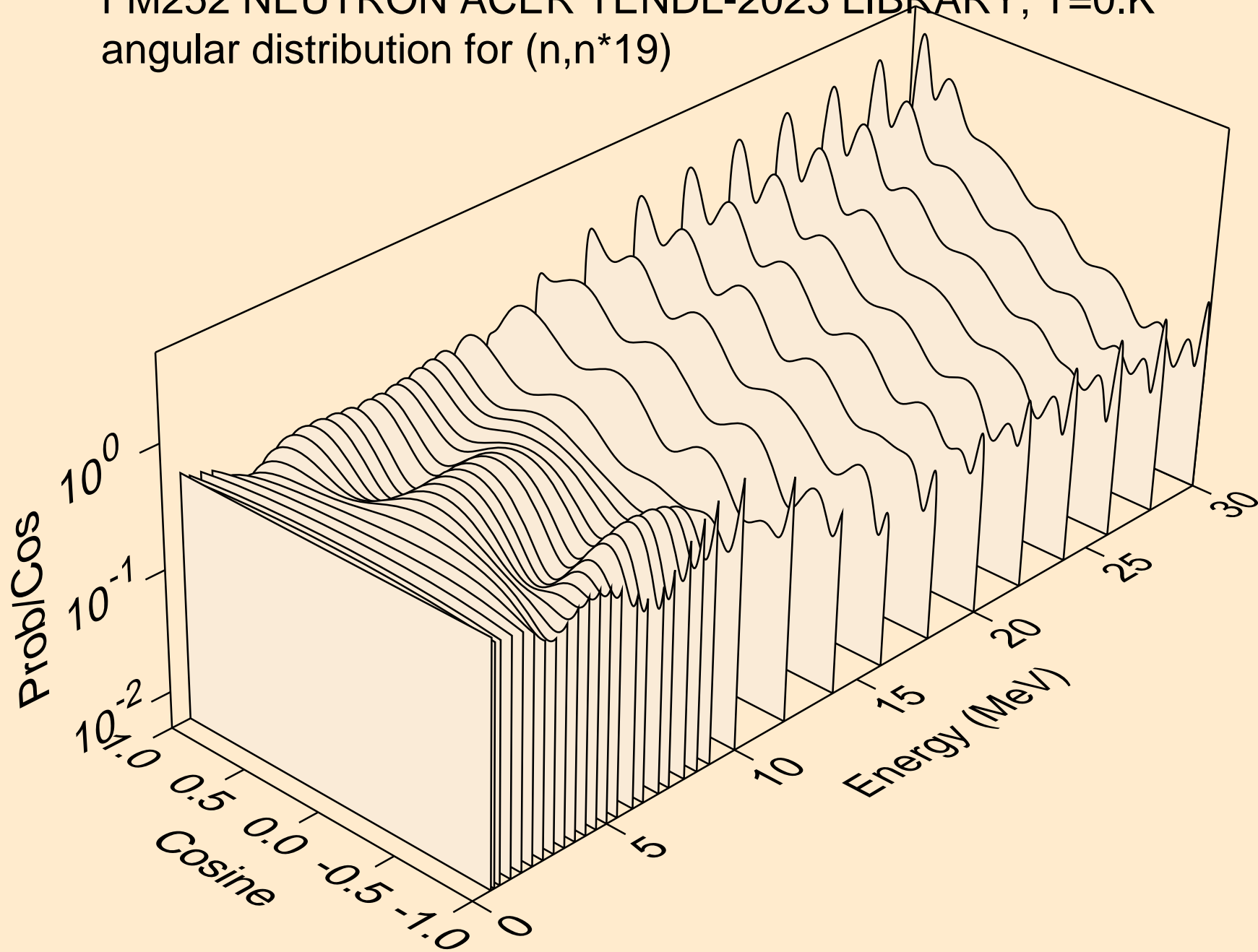
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



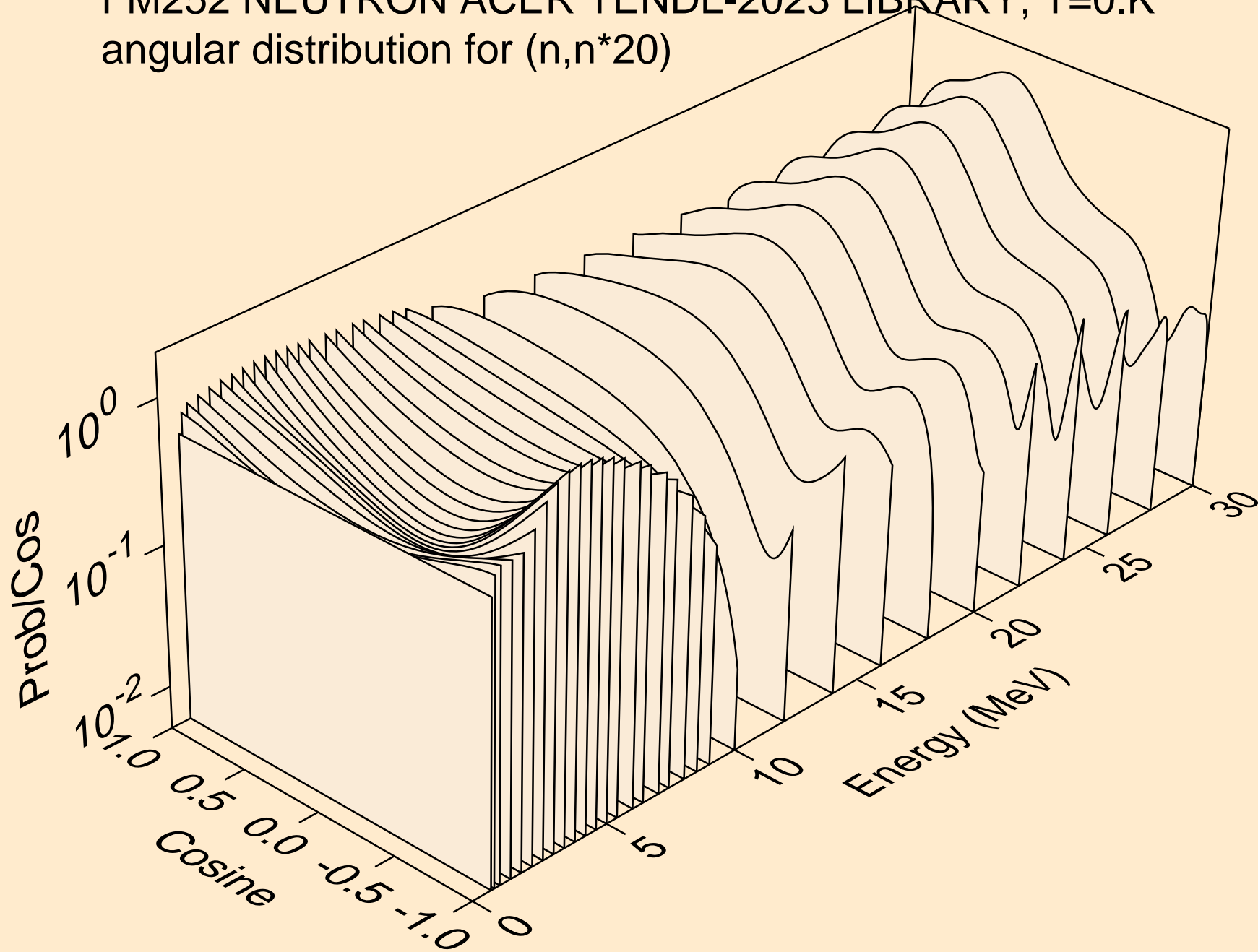
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angular distribution for (n,n\*18)



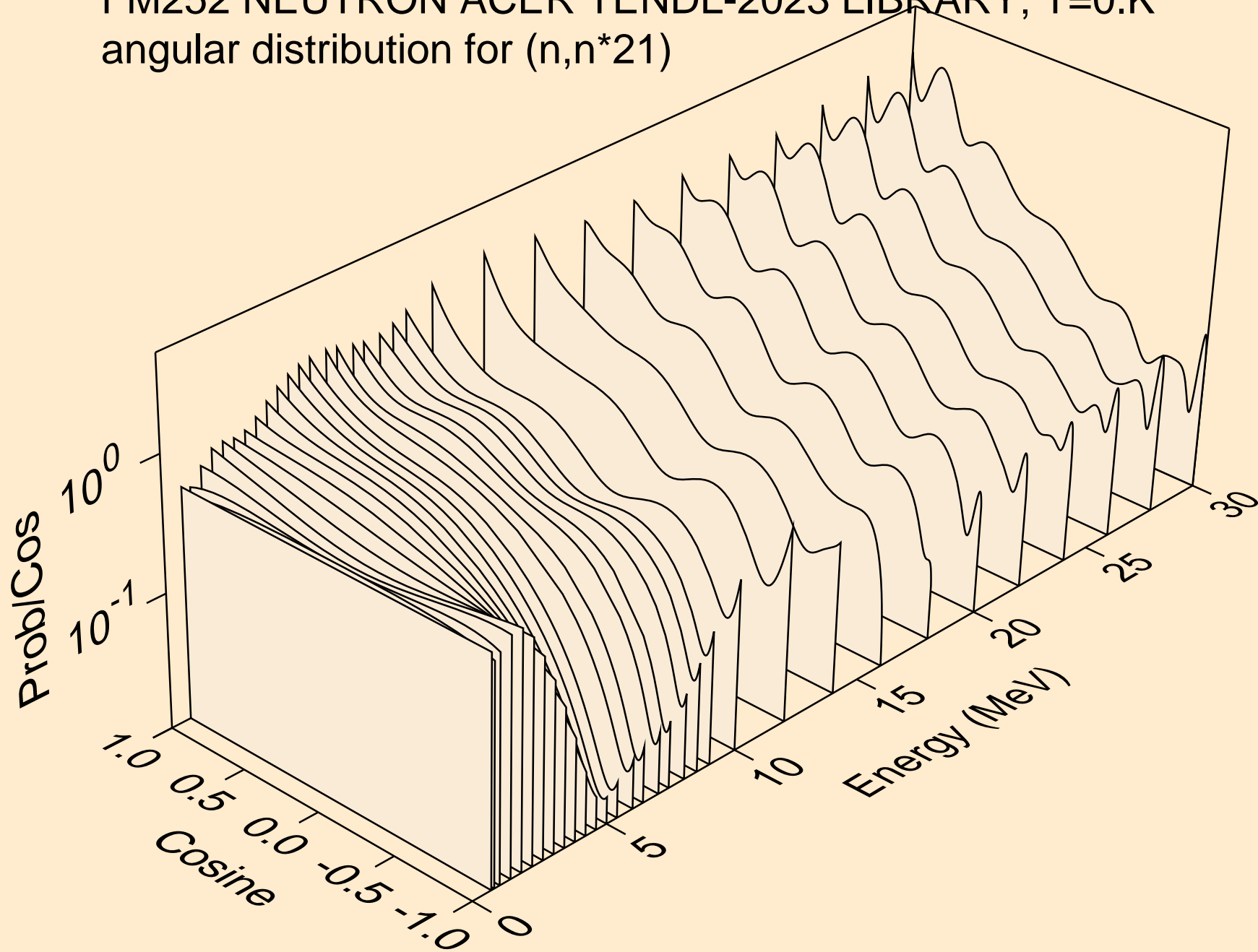
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angular distribution for (n,n\*19)



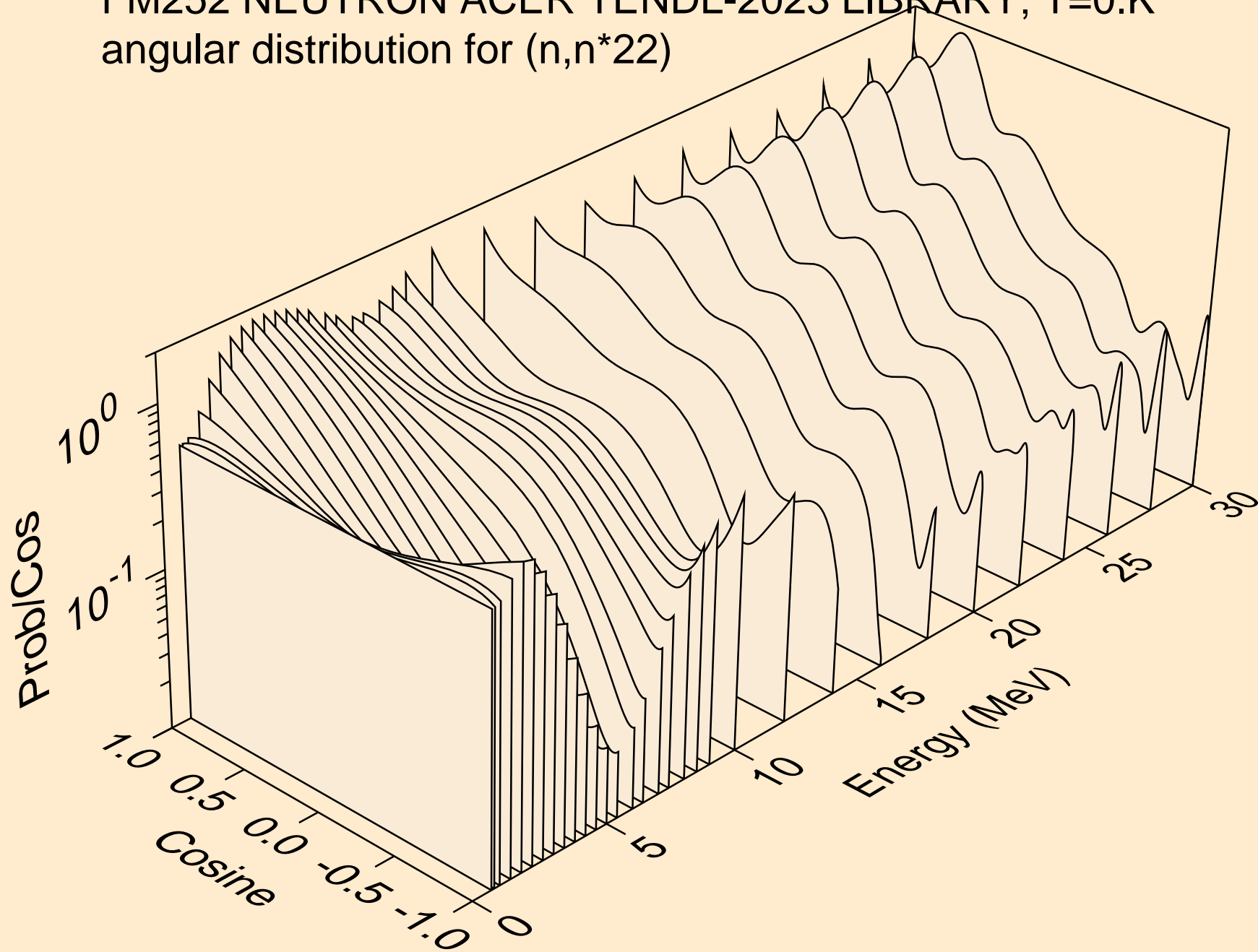
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angular distribution for (n,n\*20)



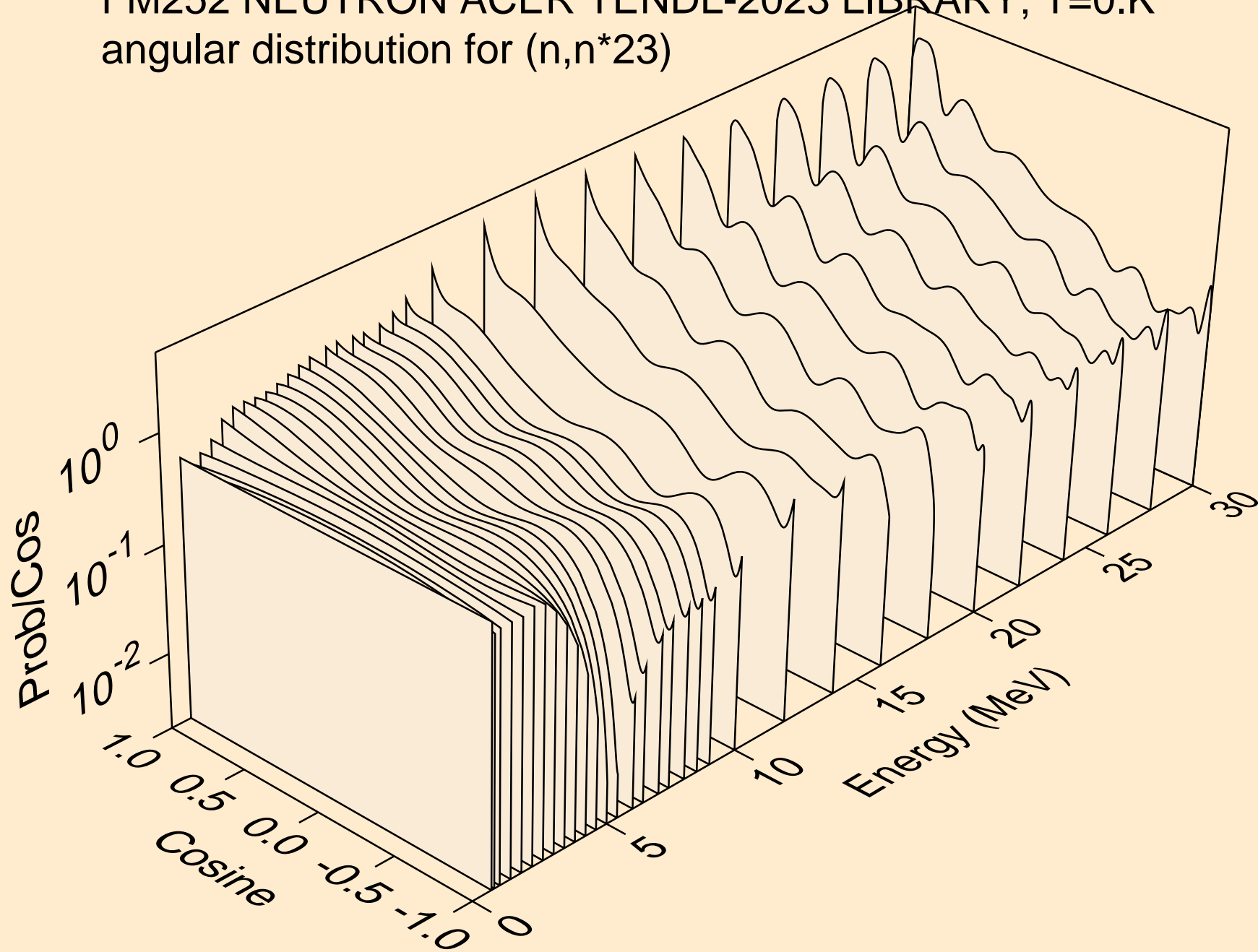
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angular distribution for (n,n\*21)



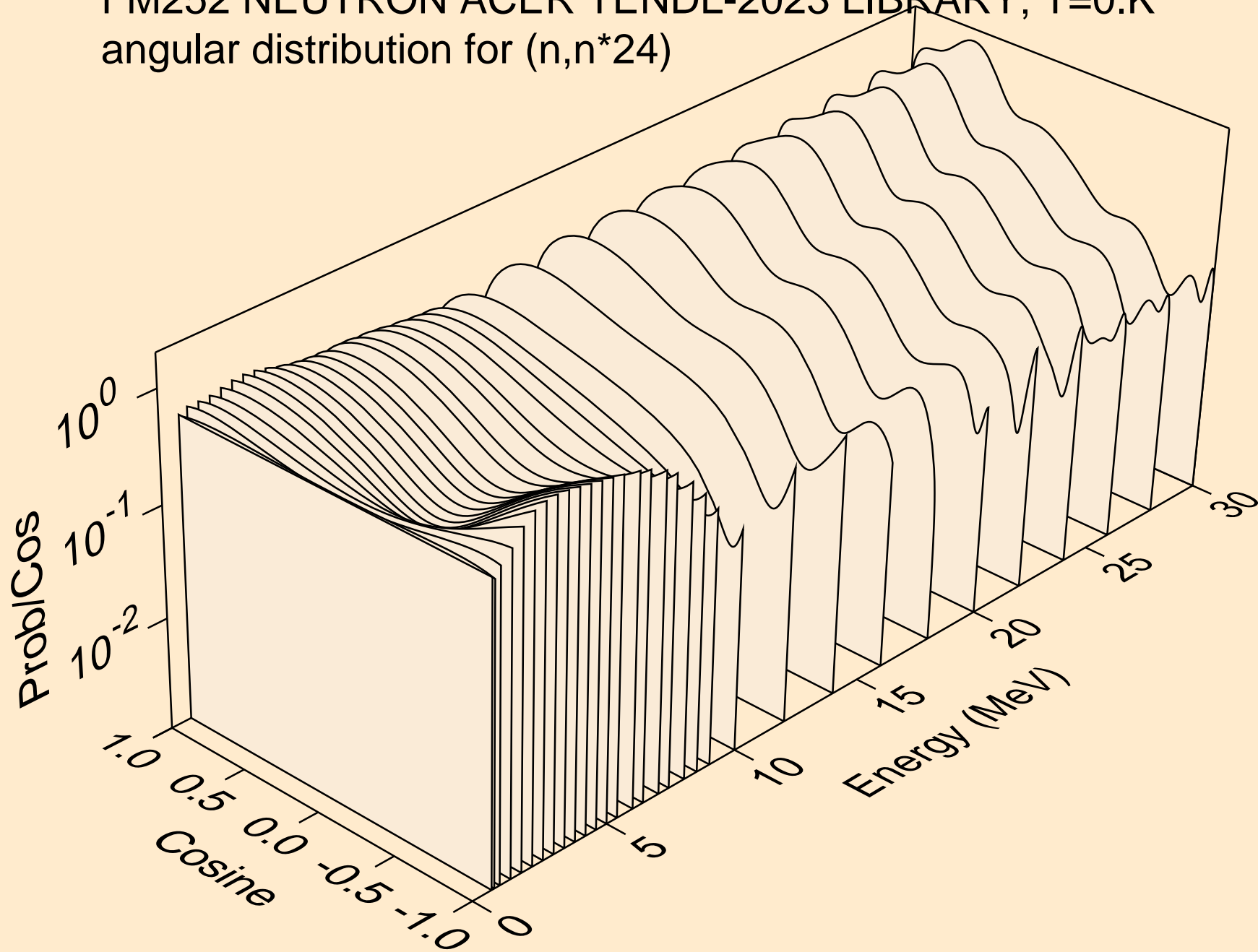
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angular distribution for (n,n\*22)



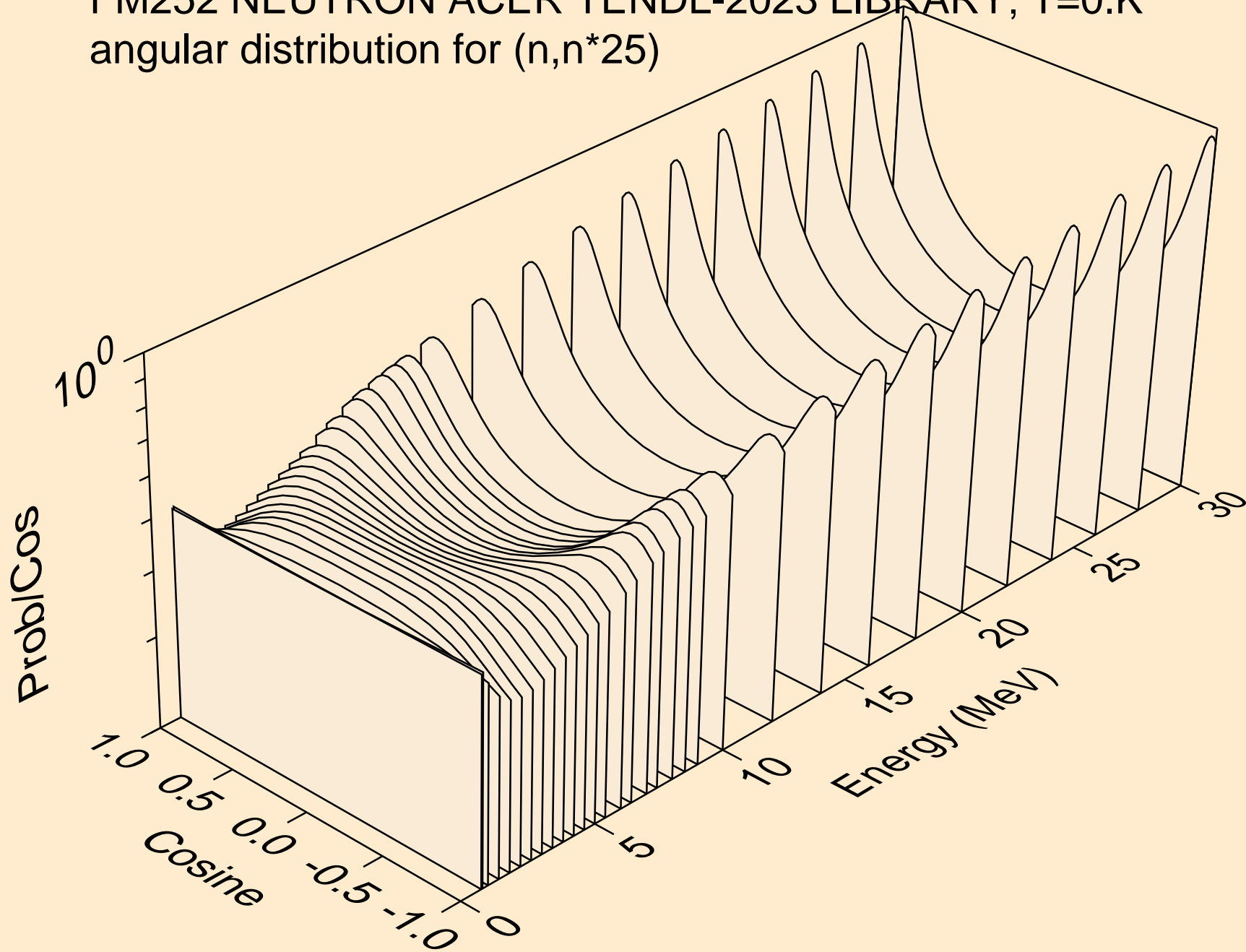
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angular distribution for (n,n\*23)



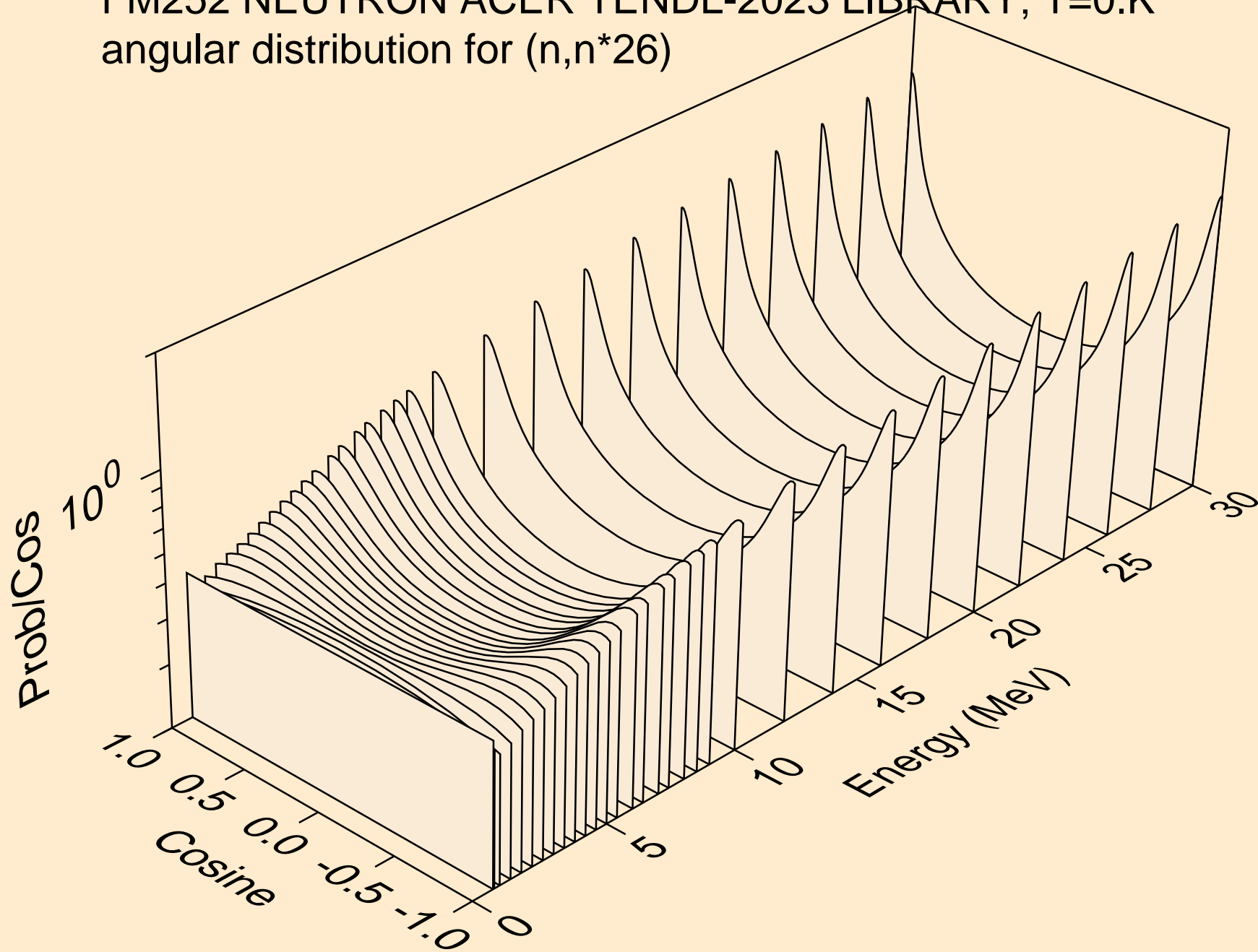
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



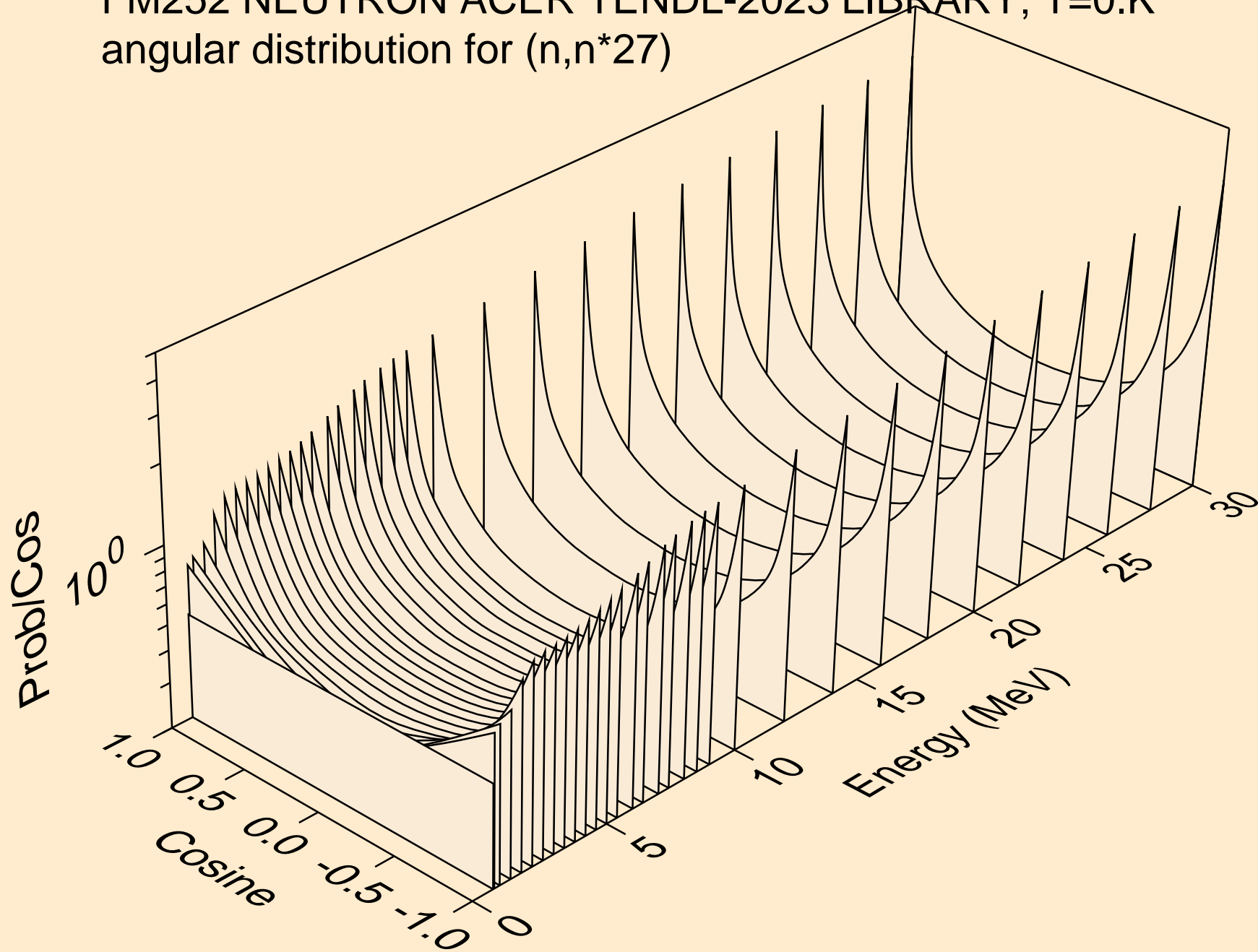
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



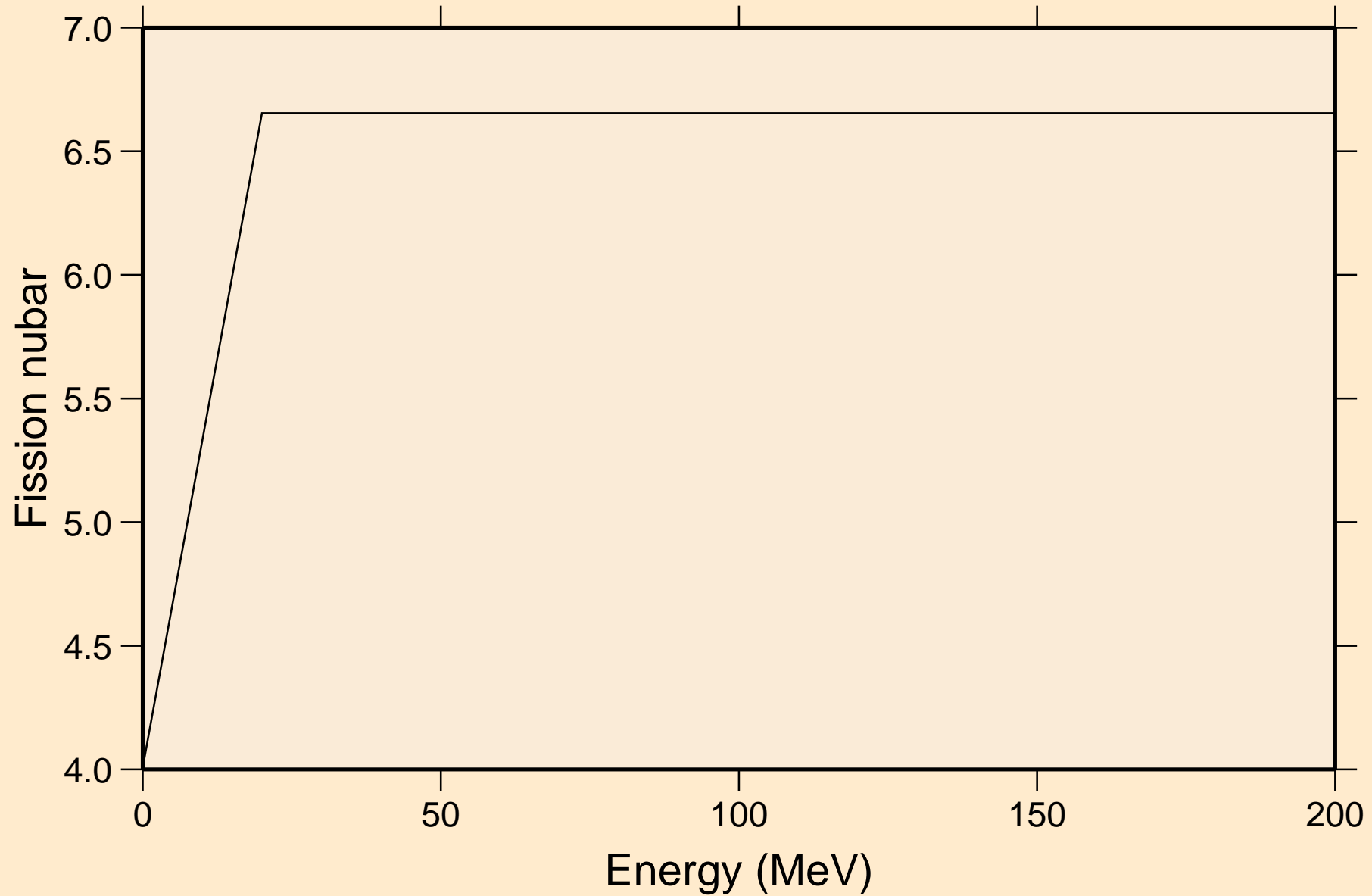
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



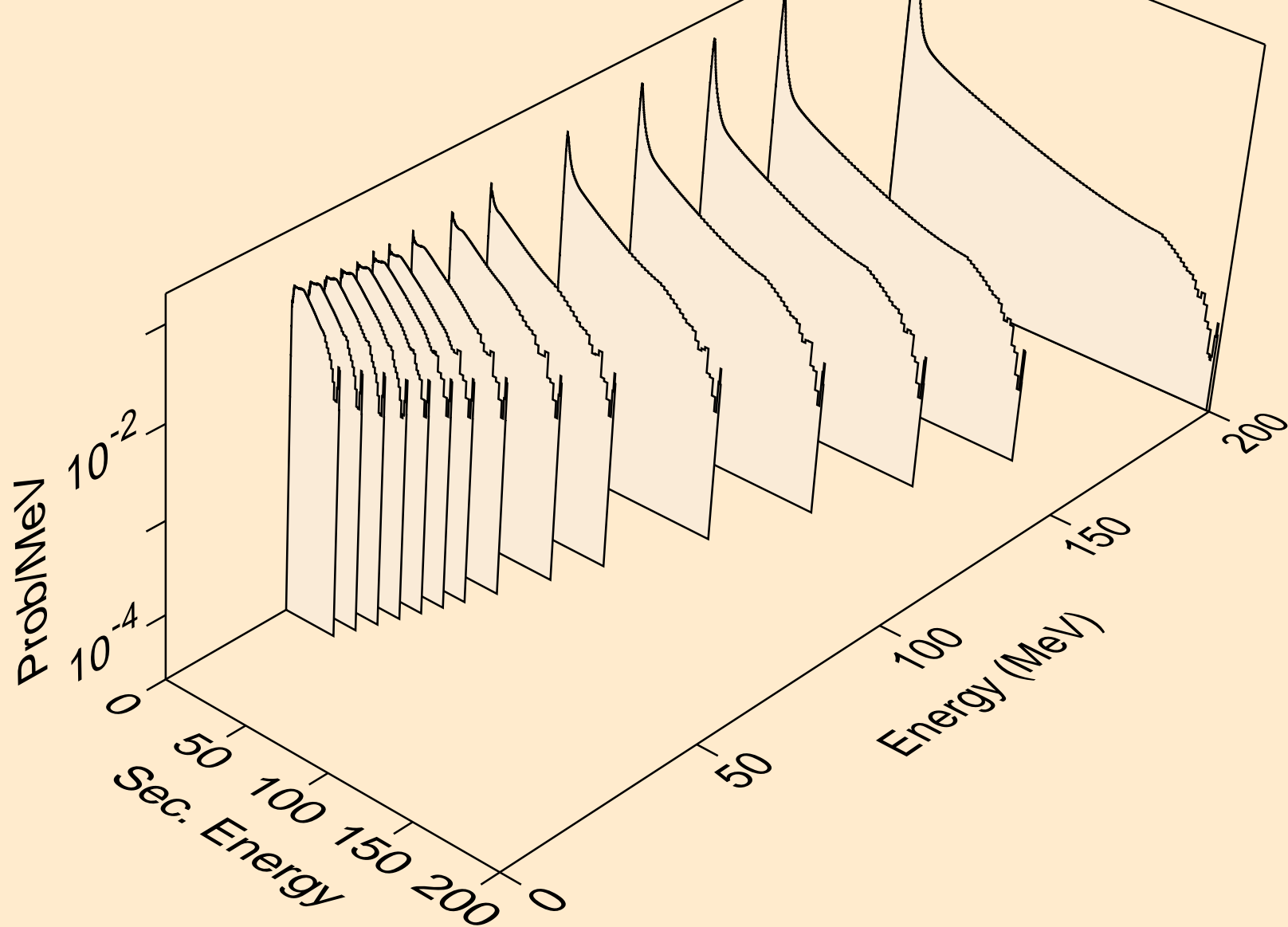
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



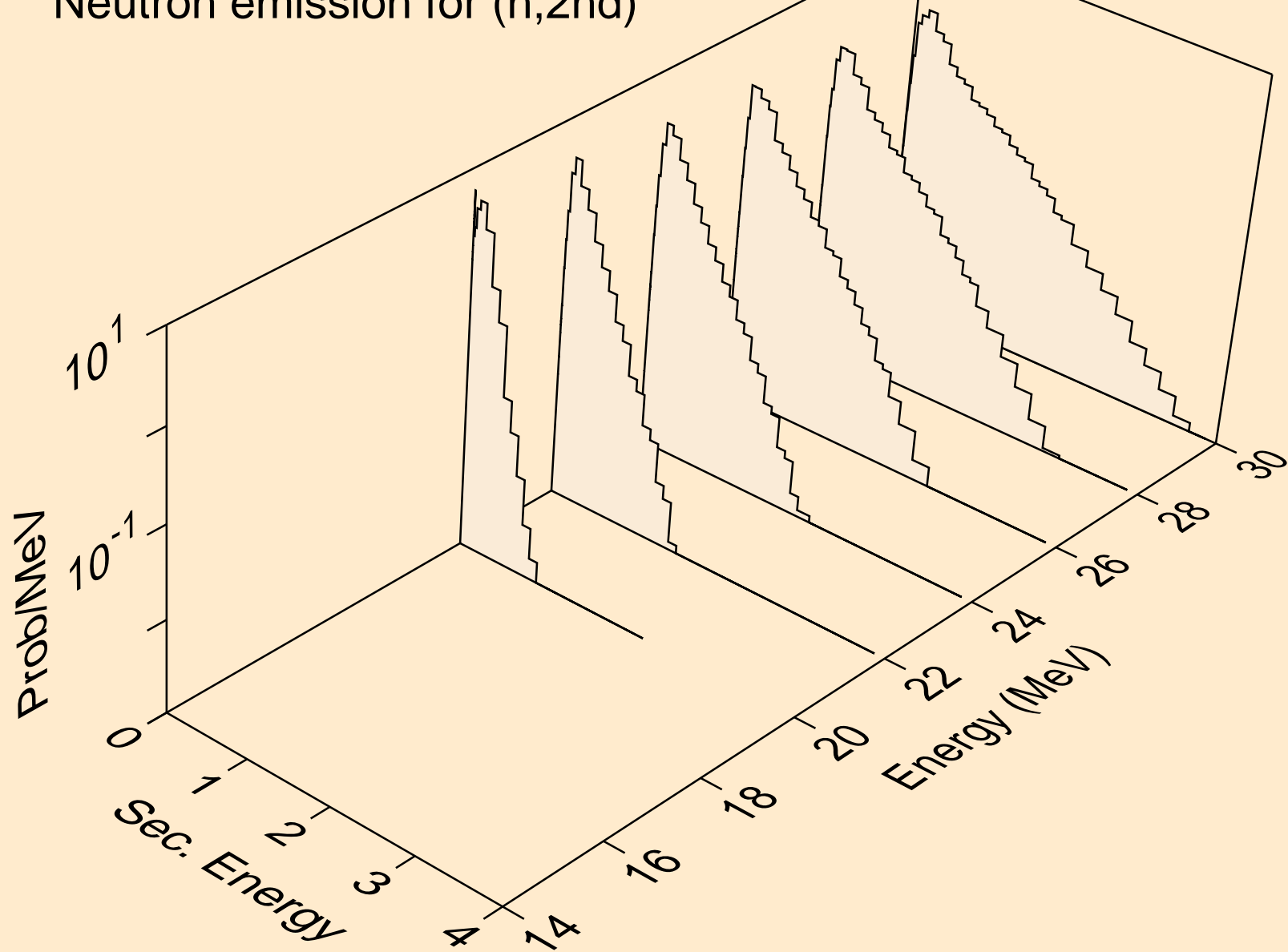
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Total fission nubar



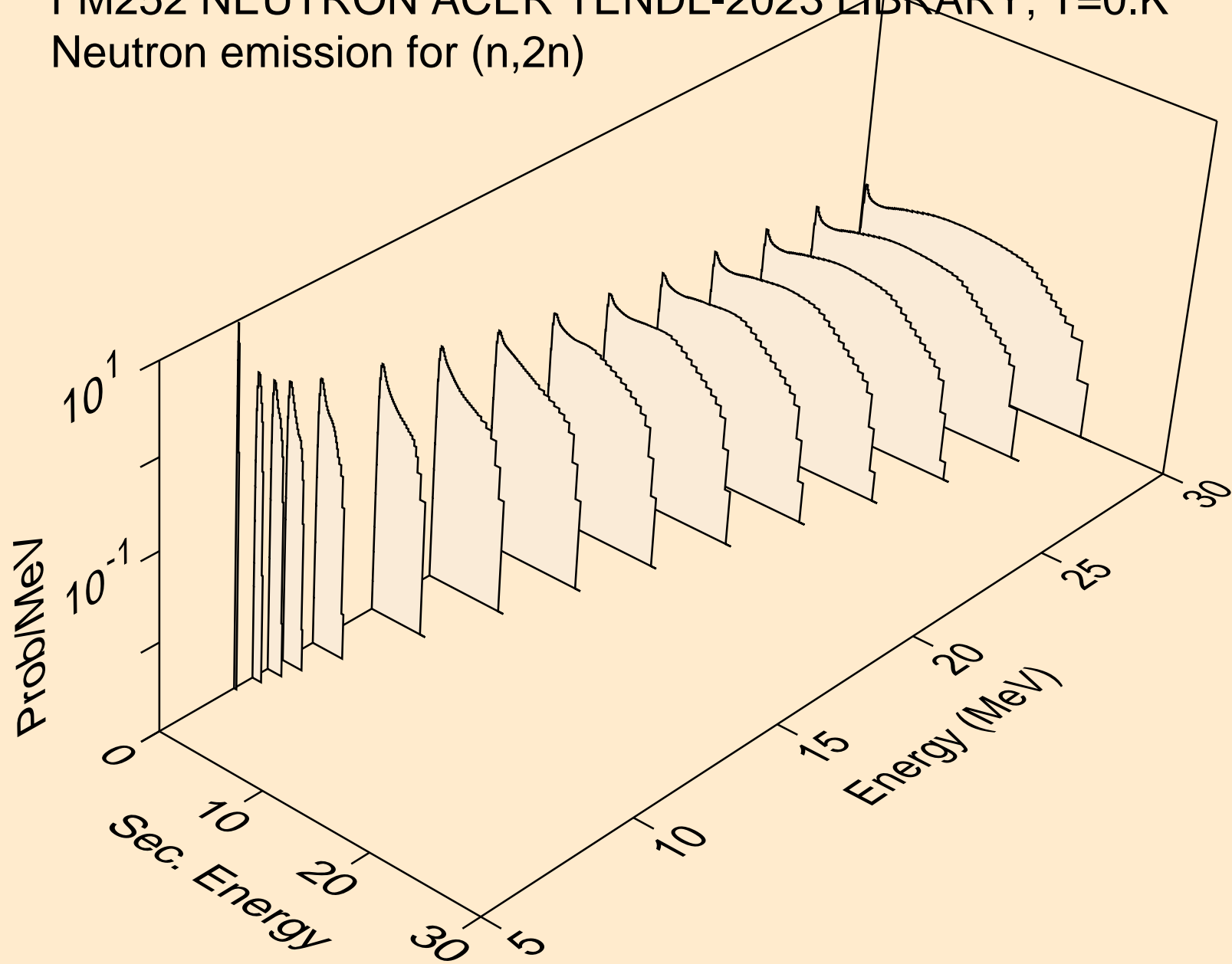
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



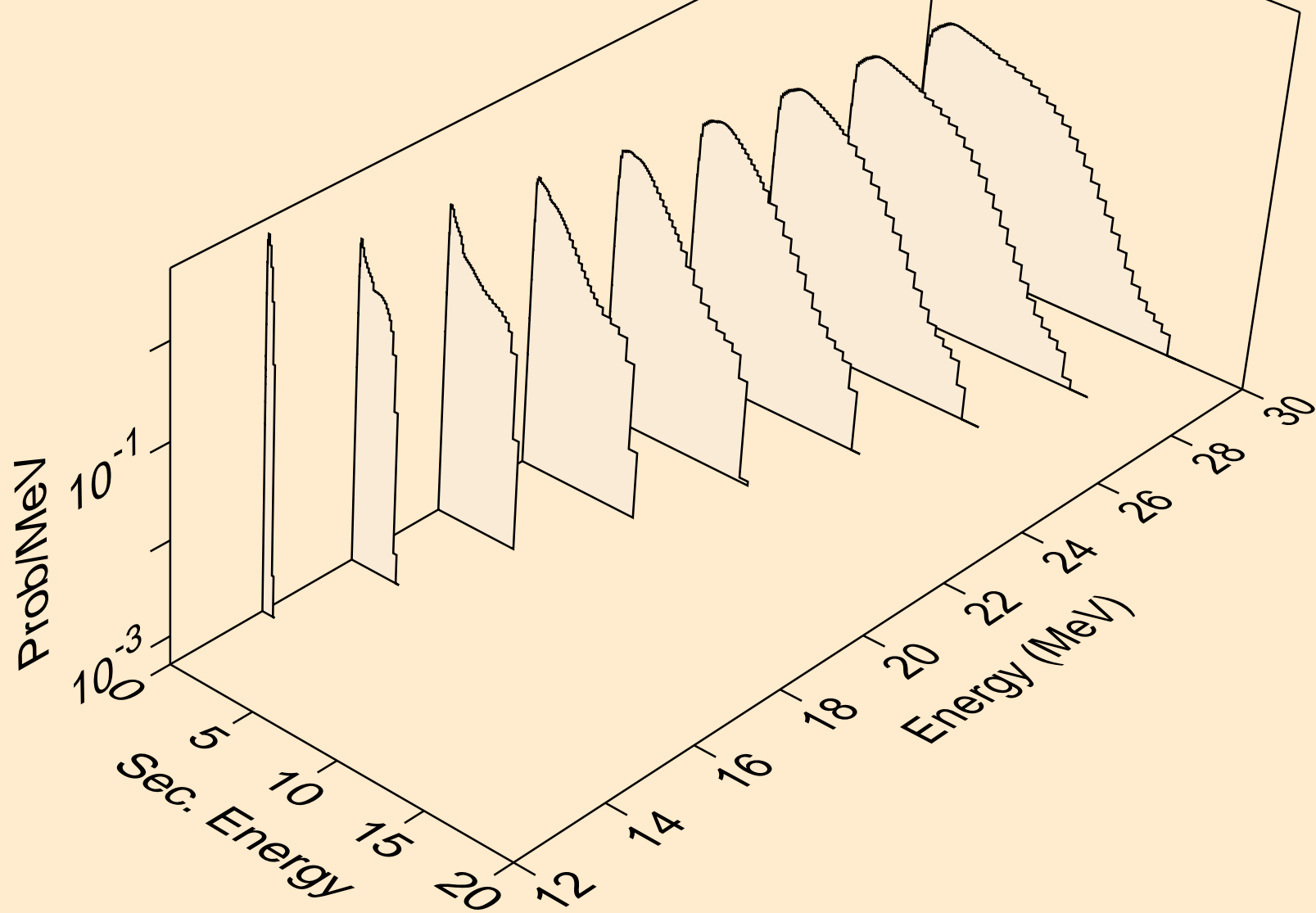
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



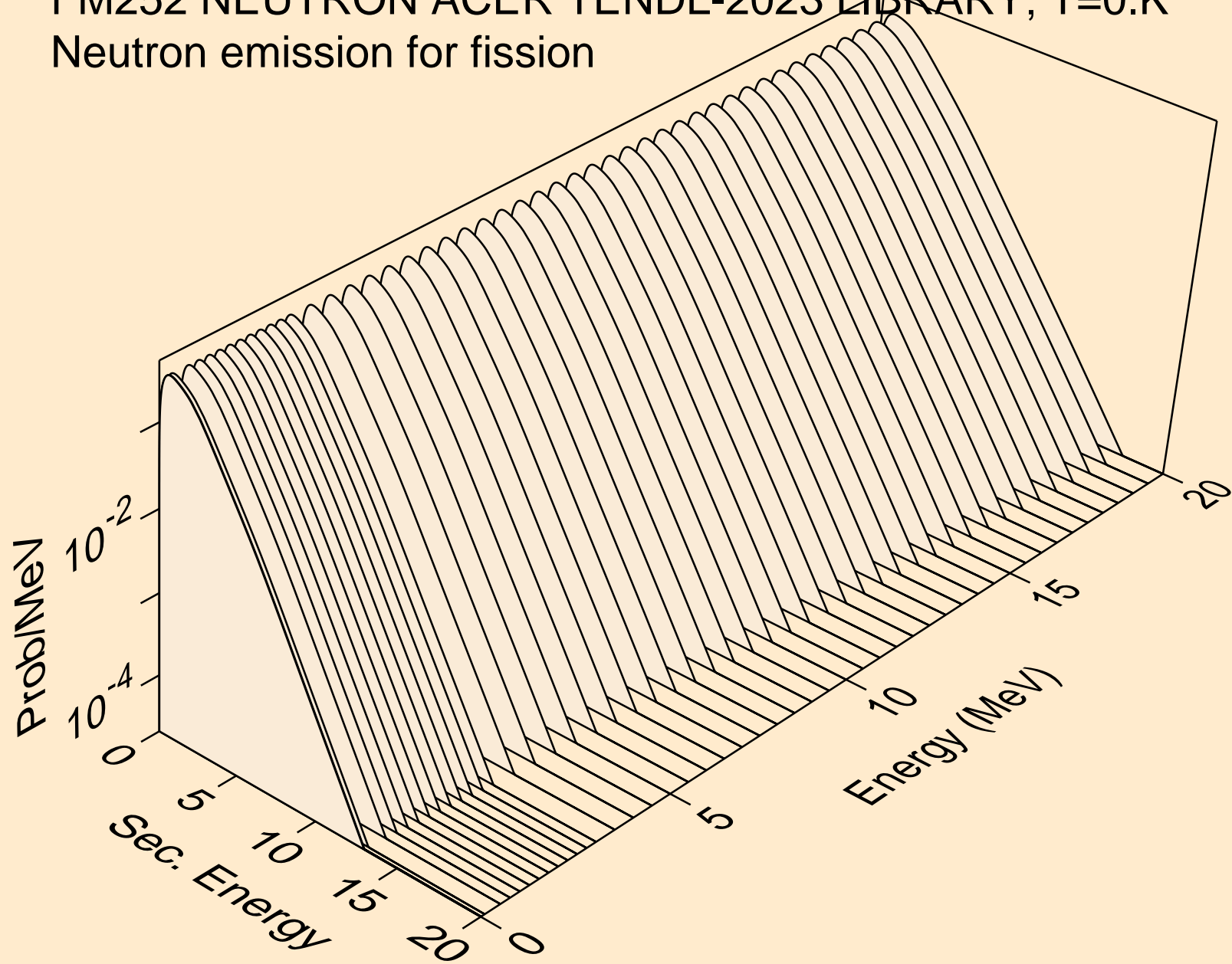
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



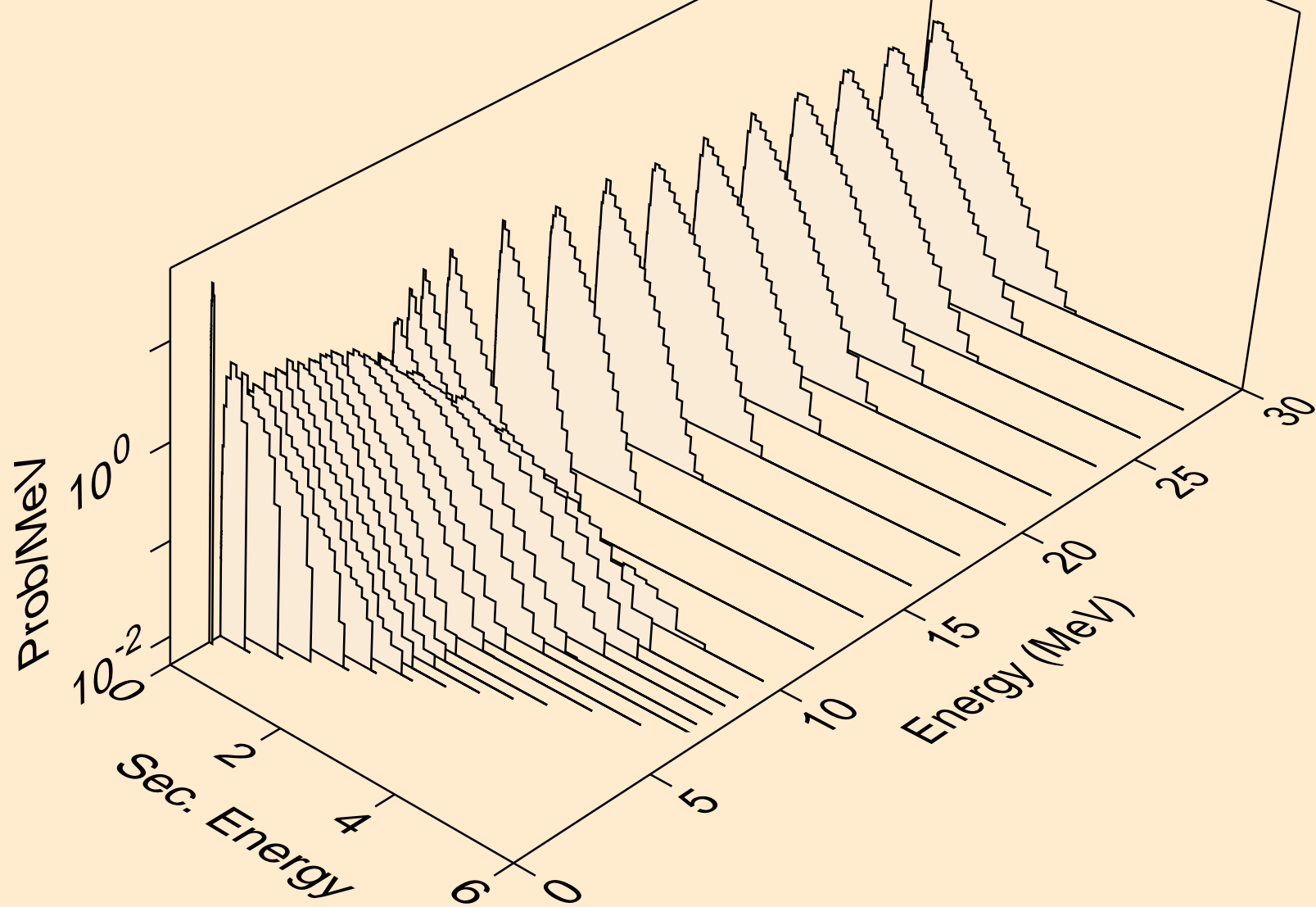
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



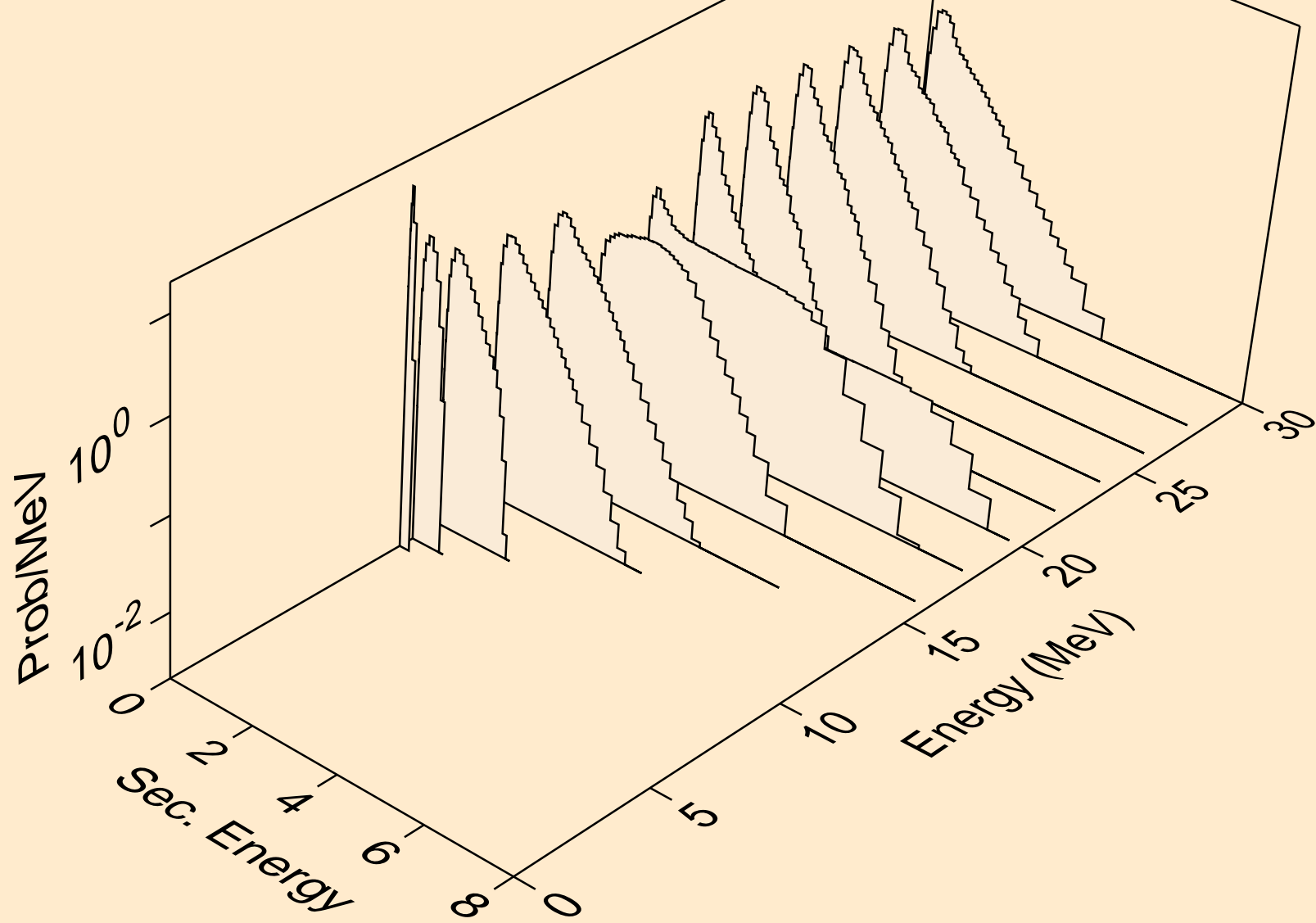
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for fission



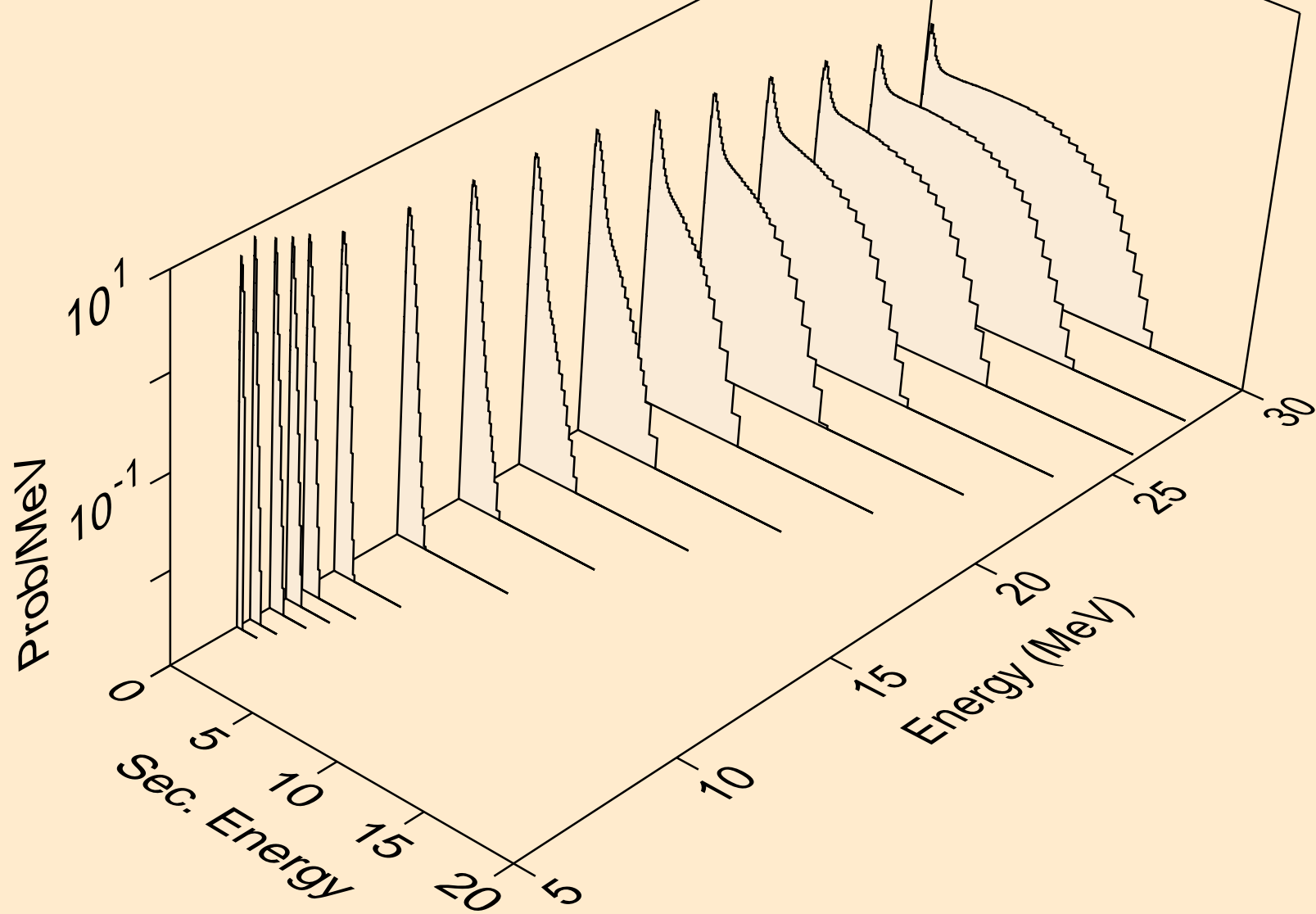
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



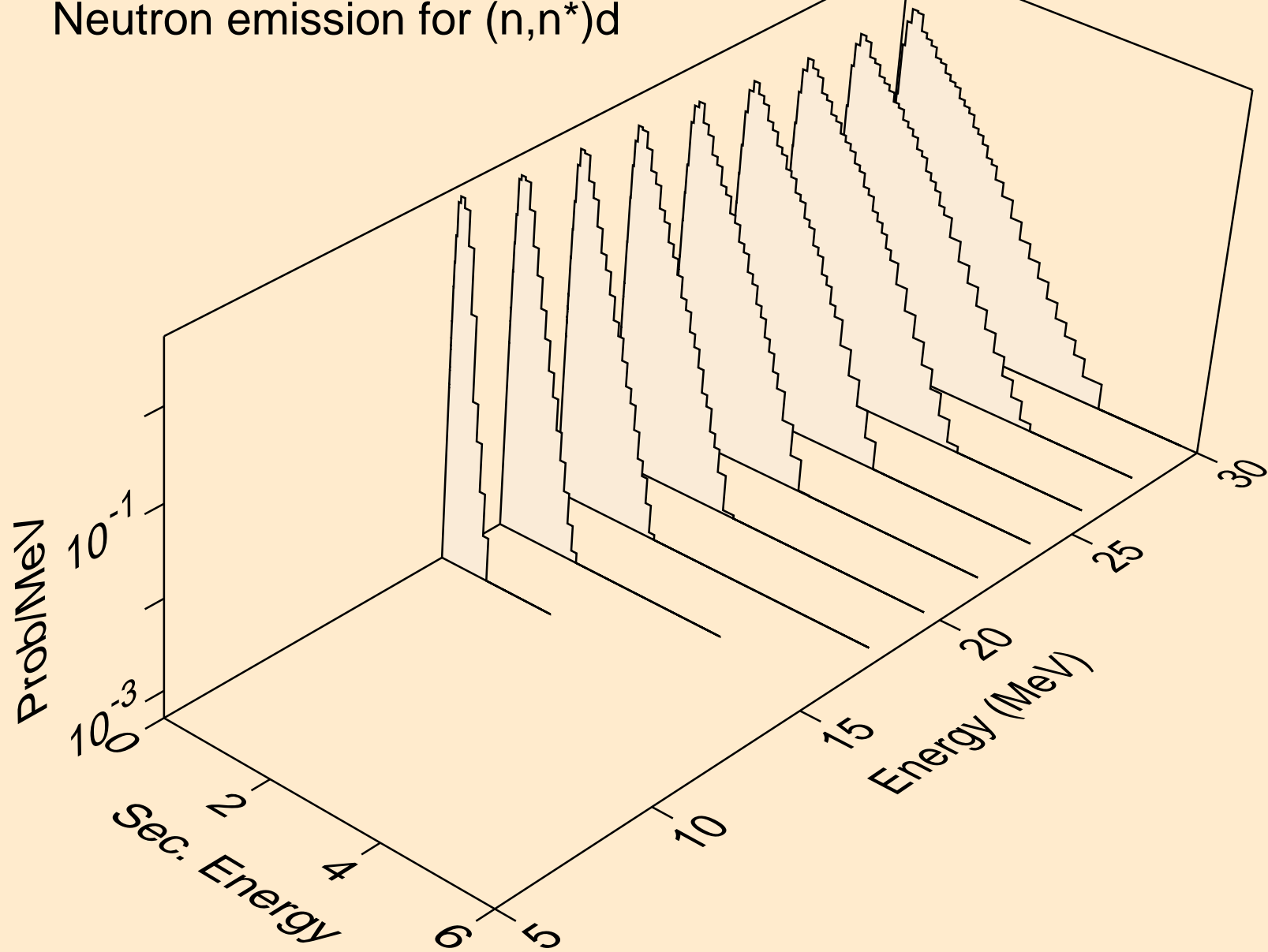
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



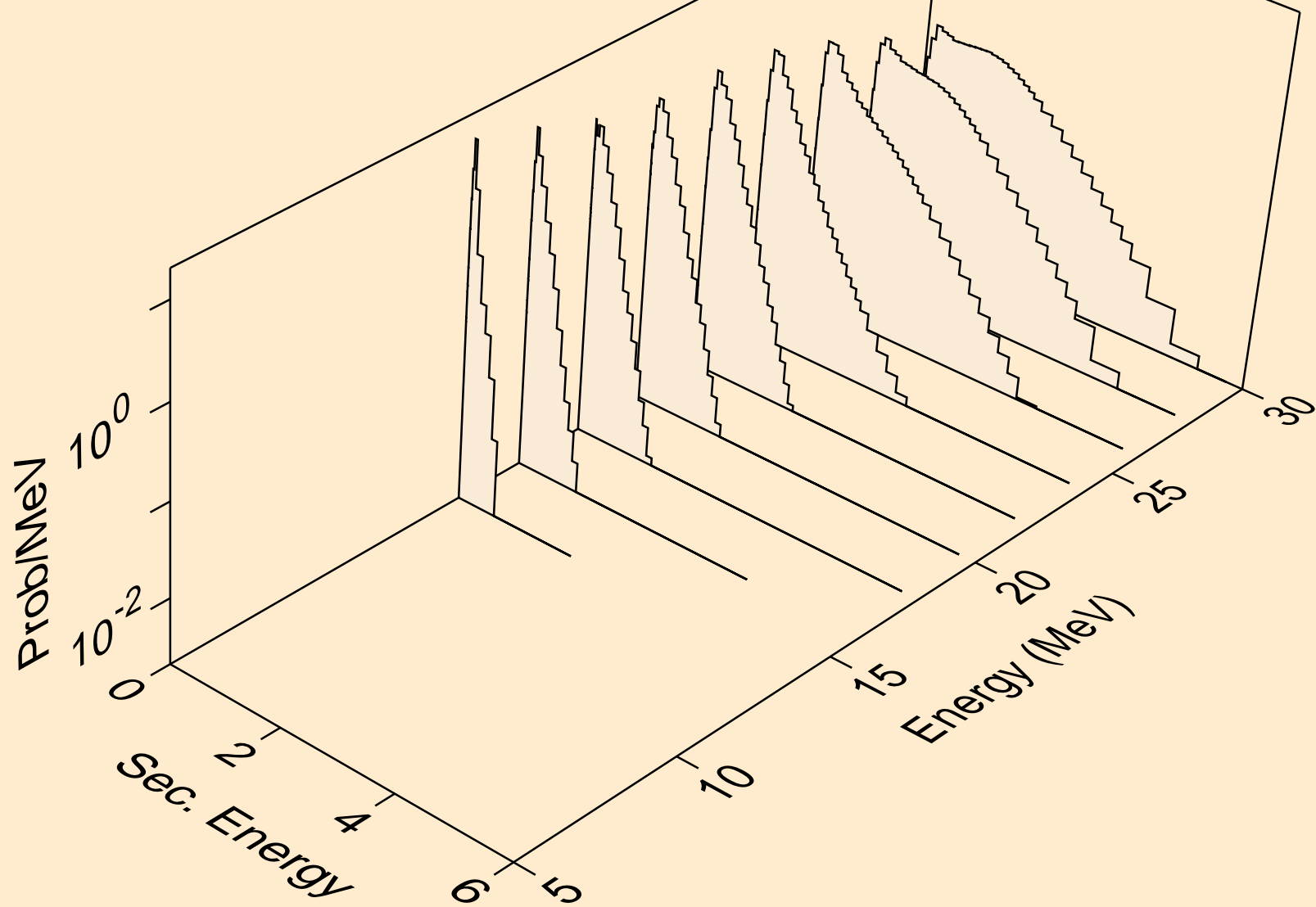
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



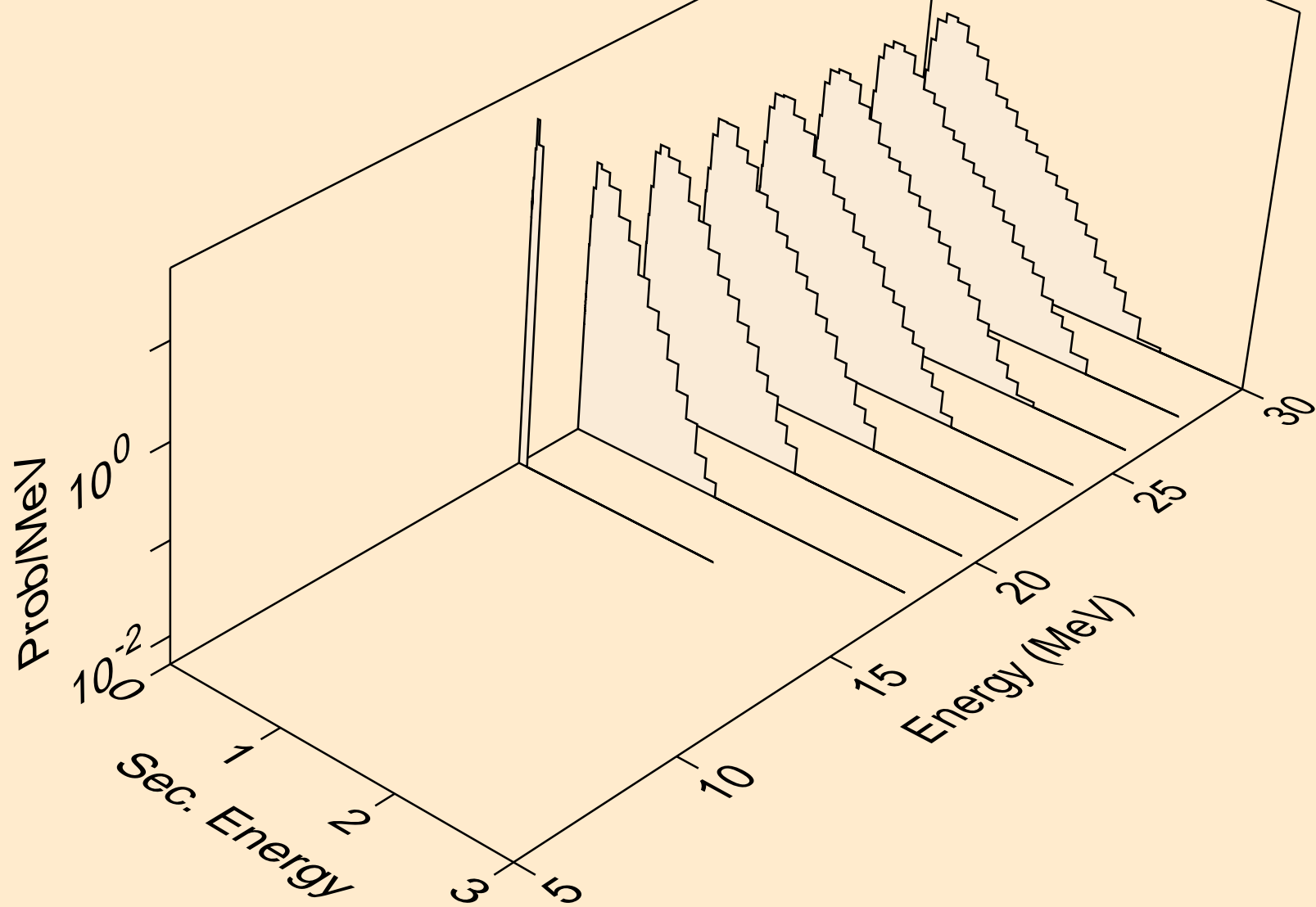
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



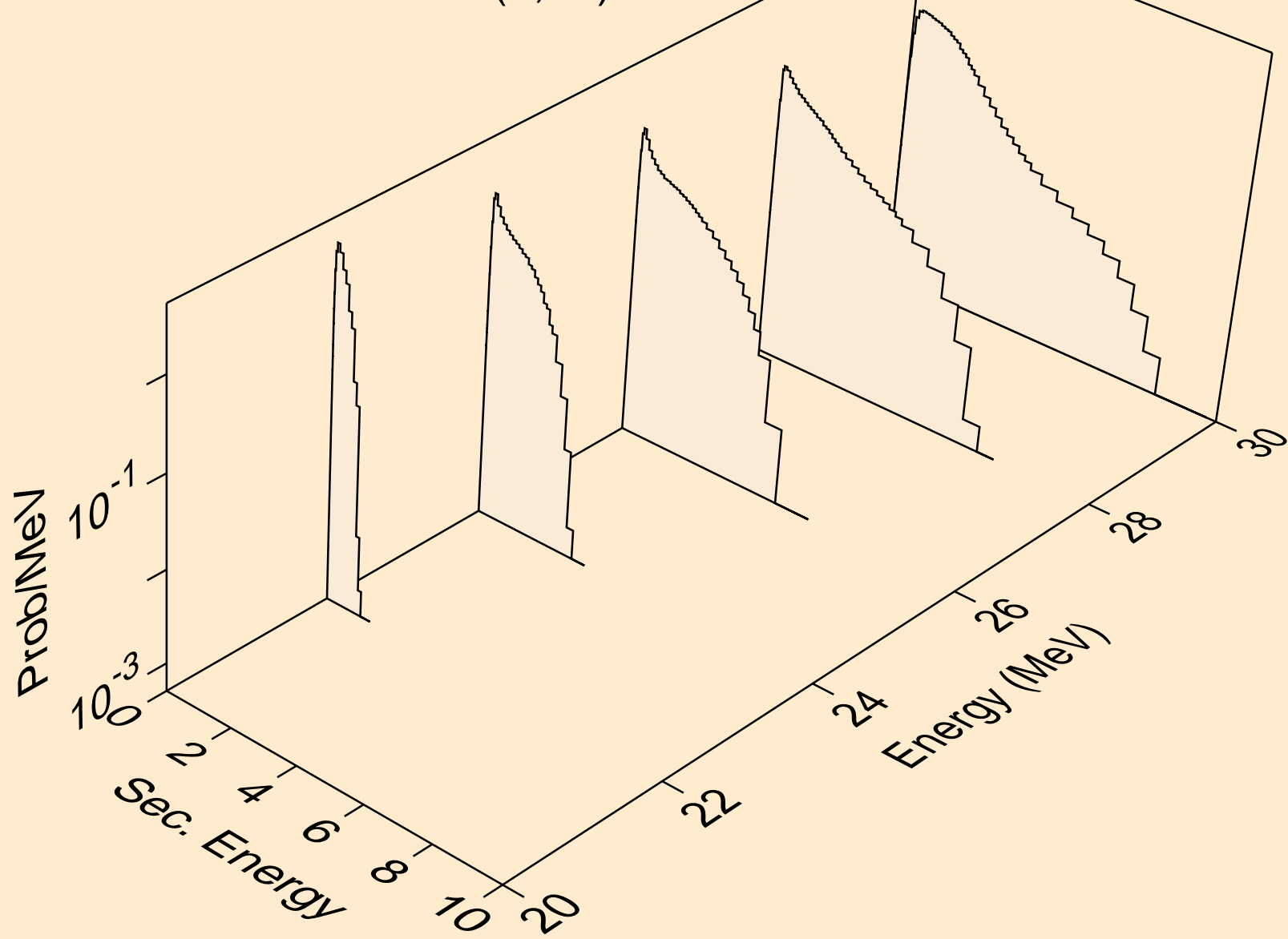
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



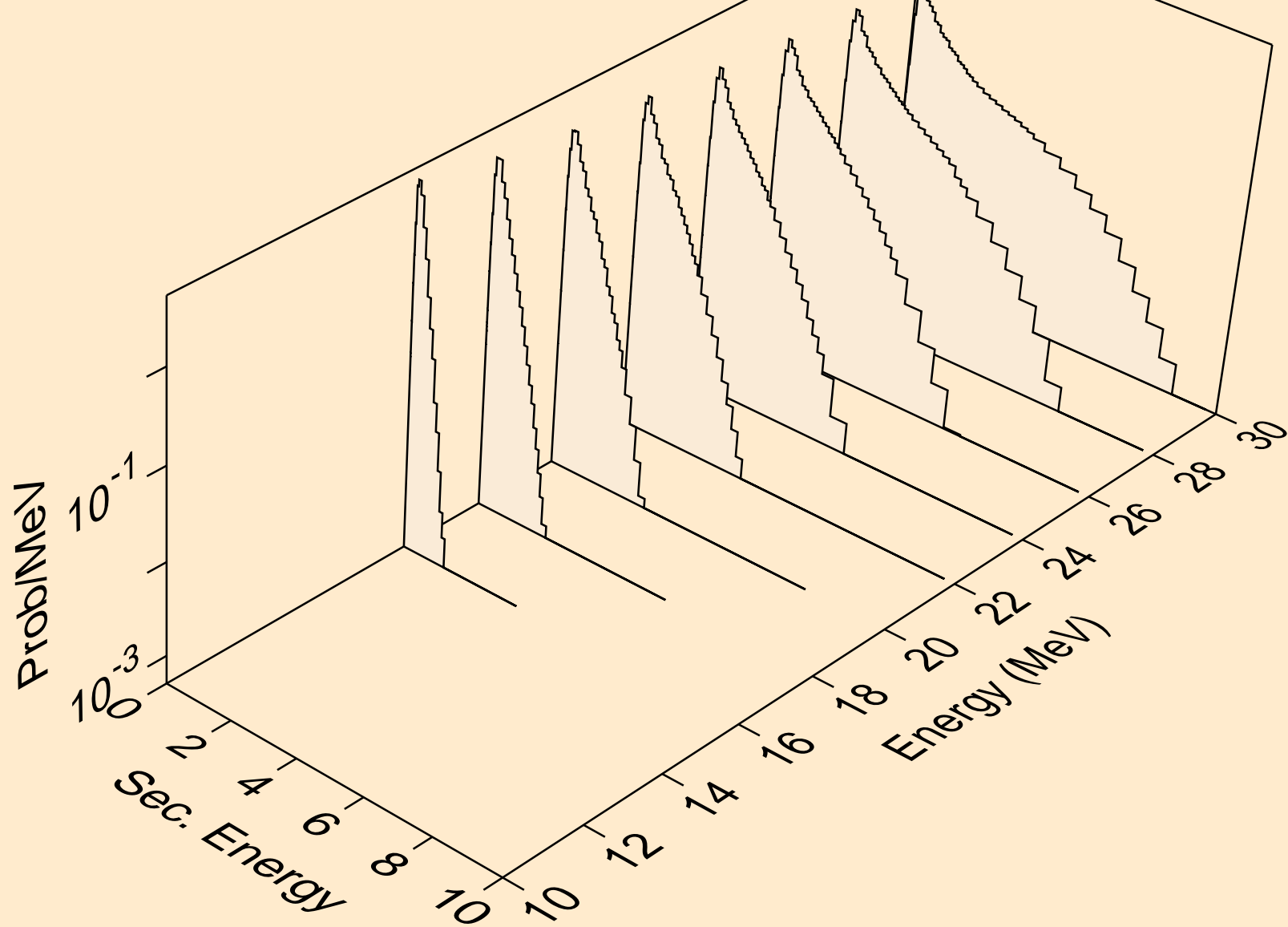
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



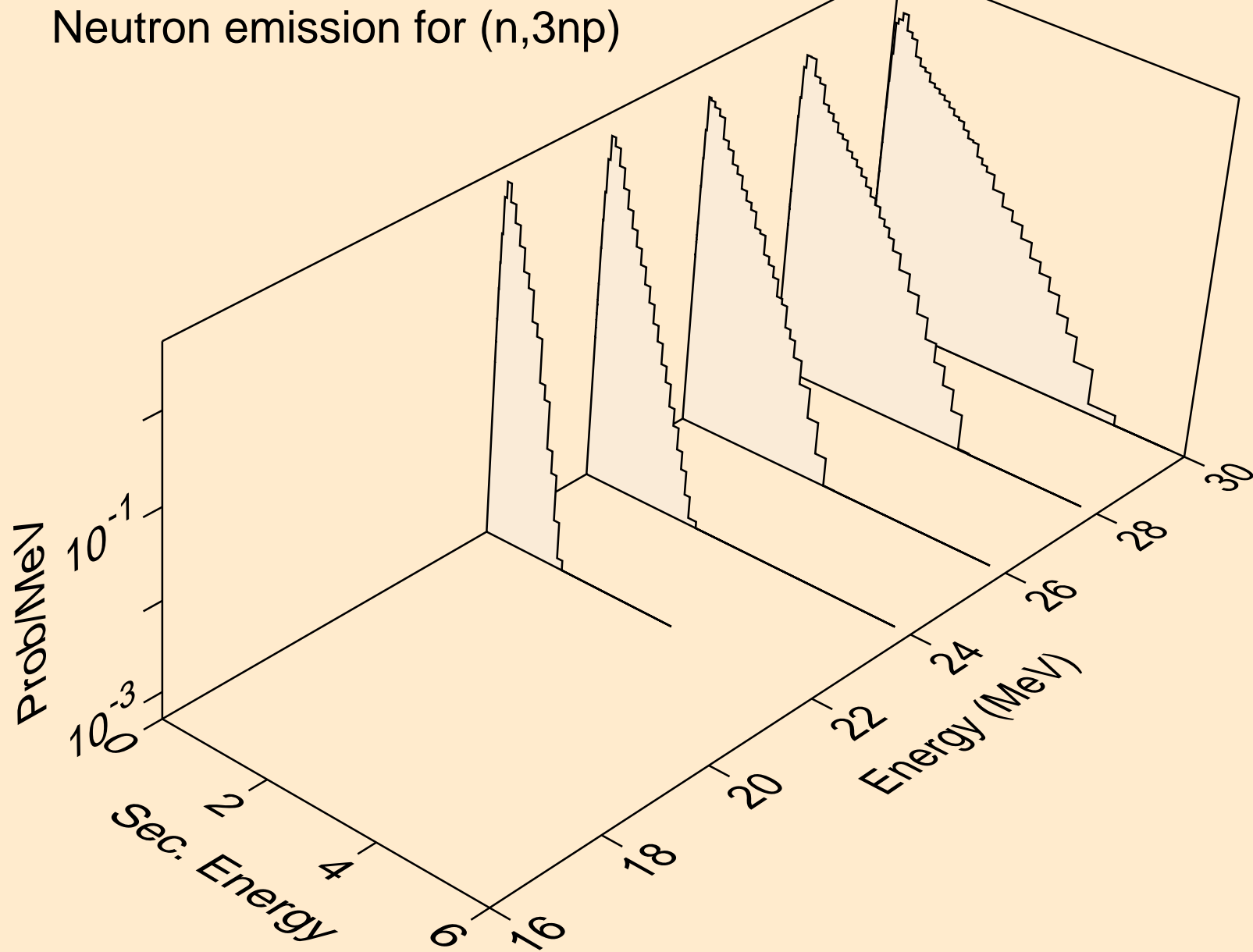
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



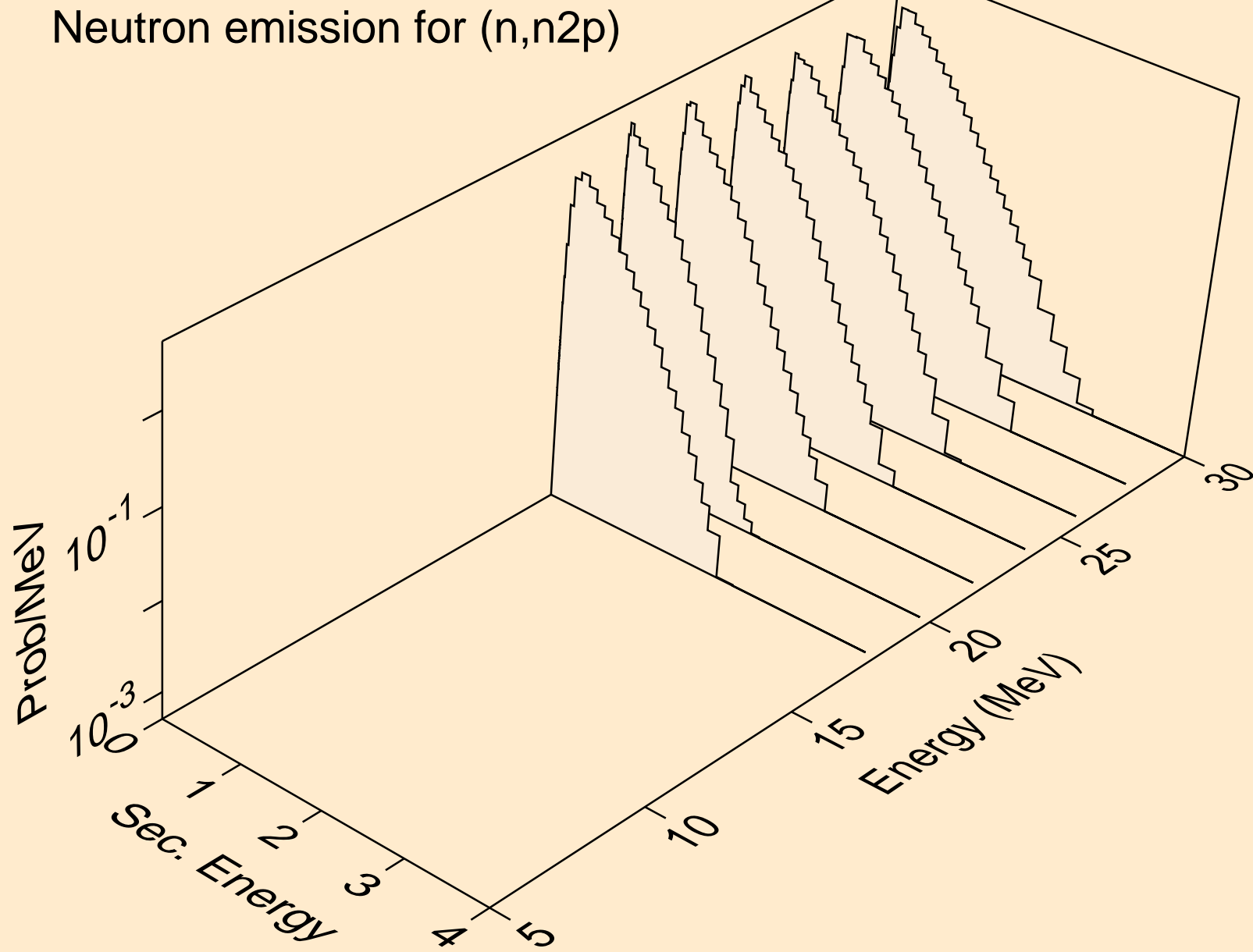
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



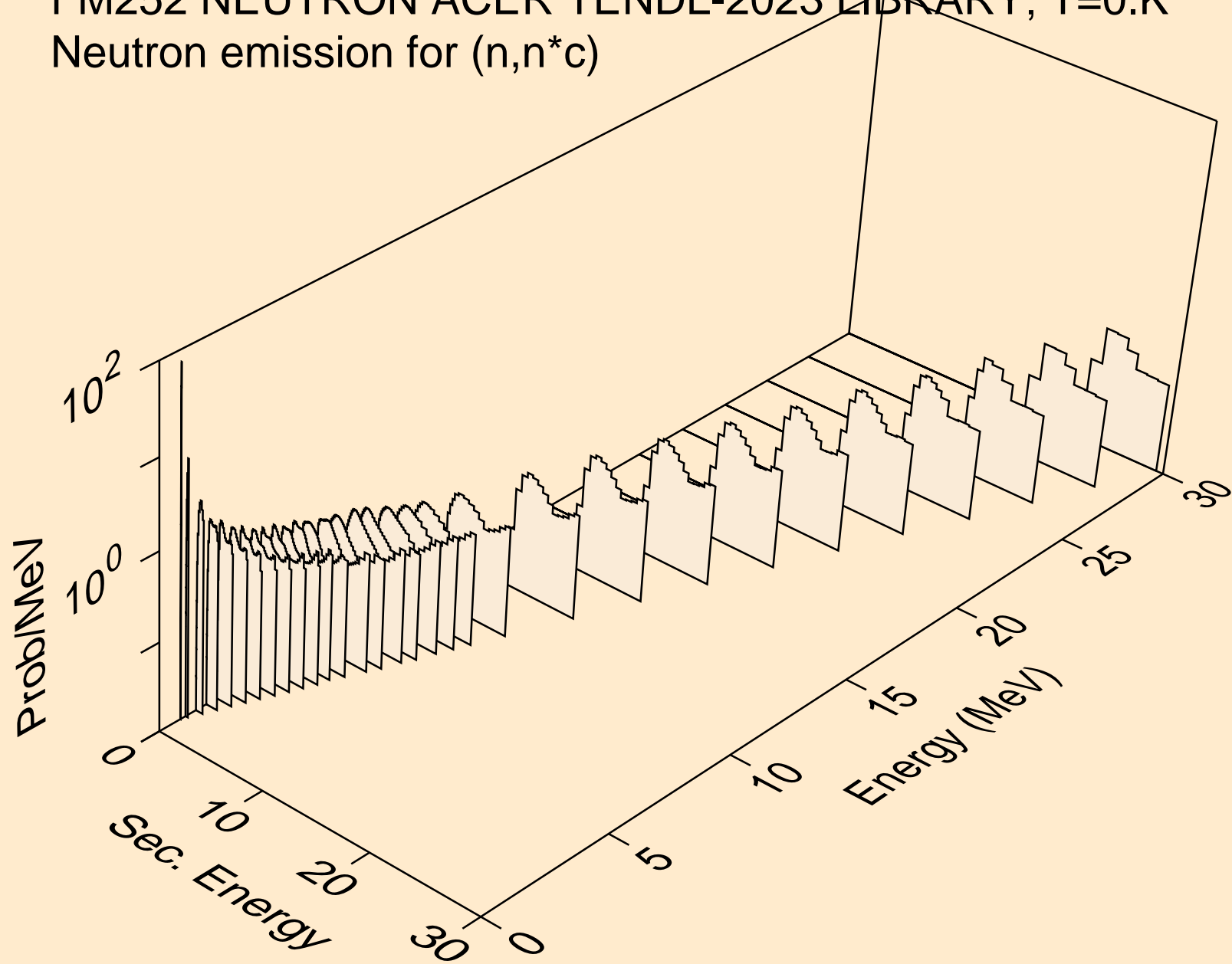
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

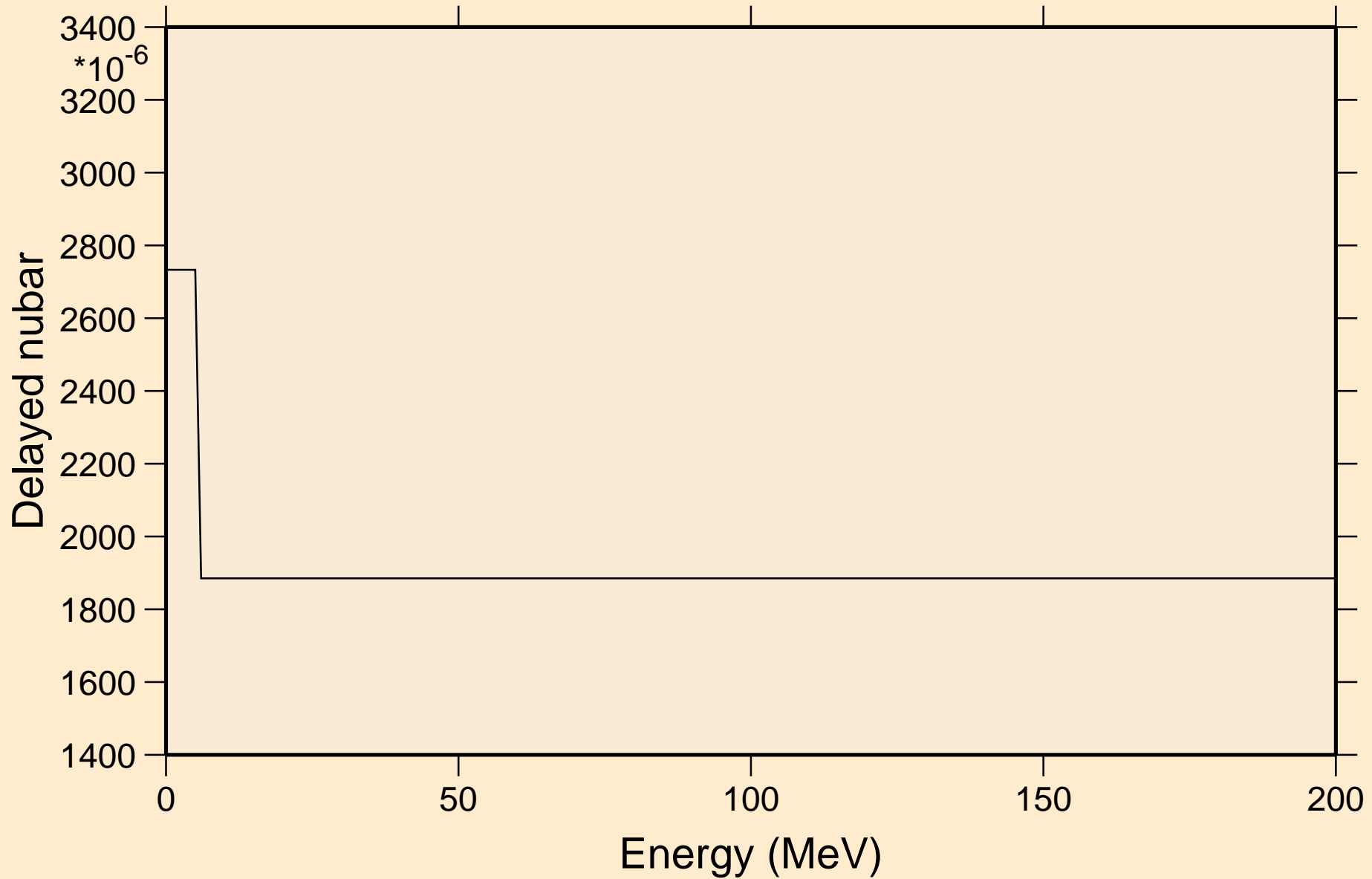


FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



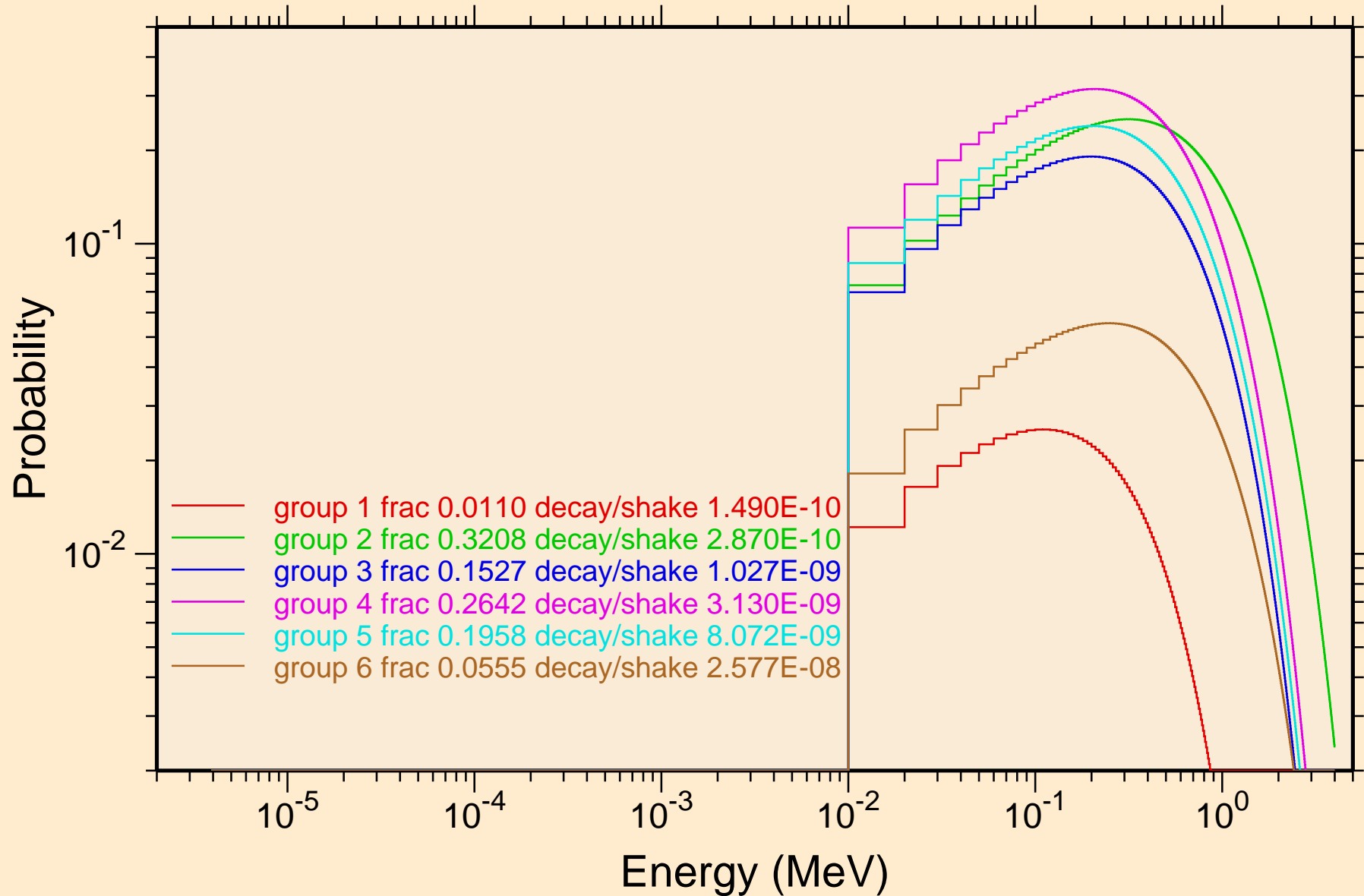
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## Delayed nubar

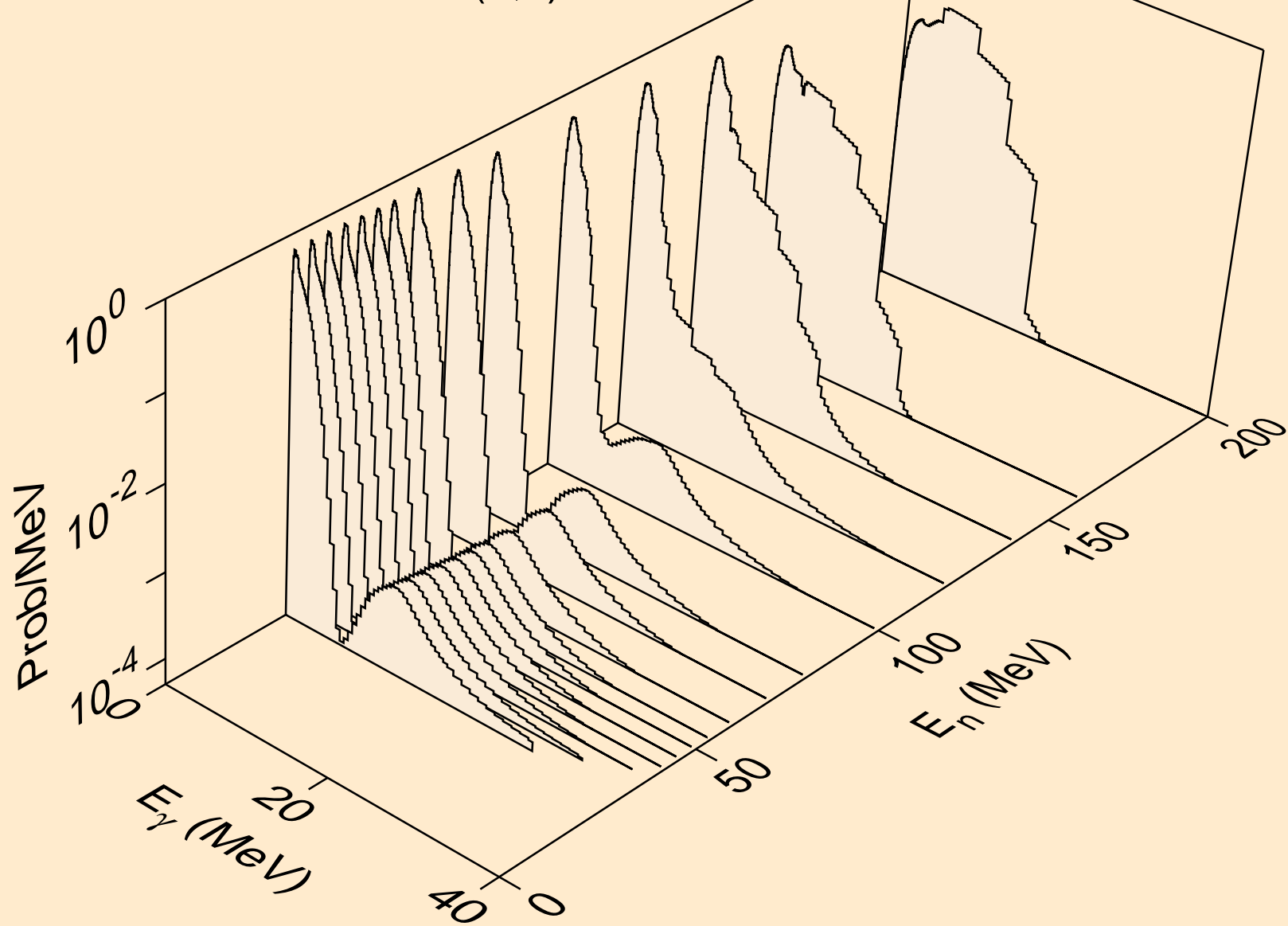


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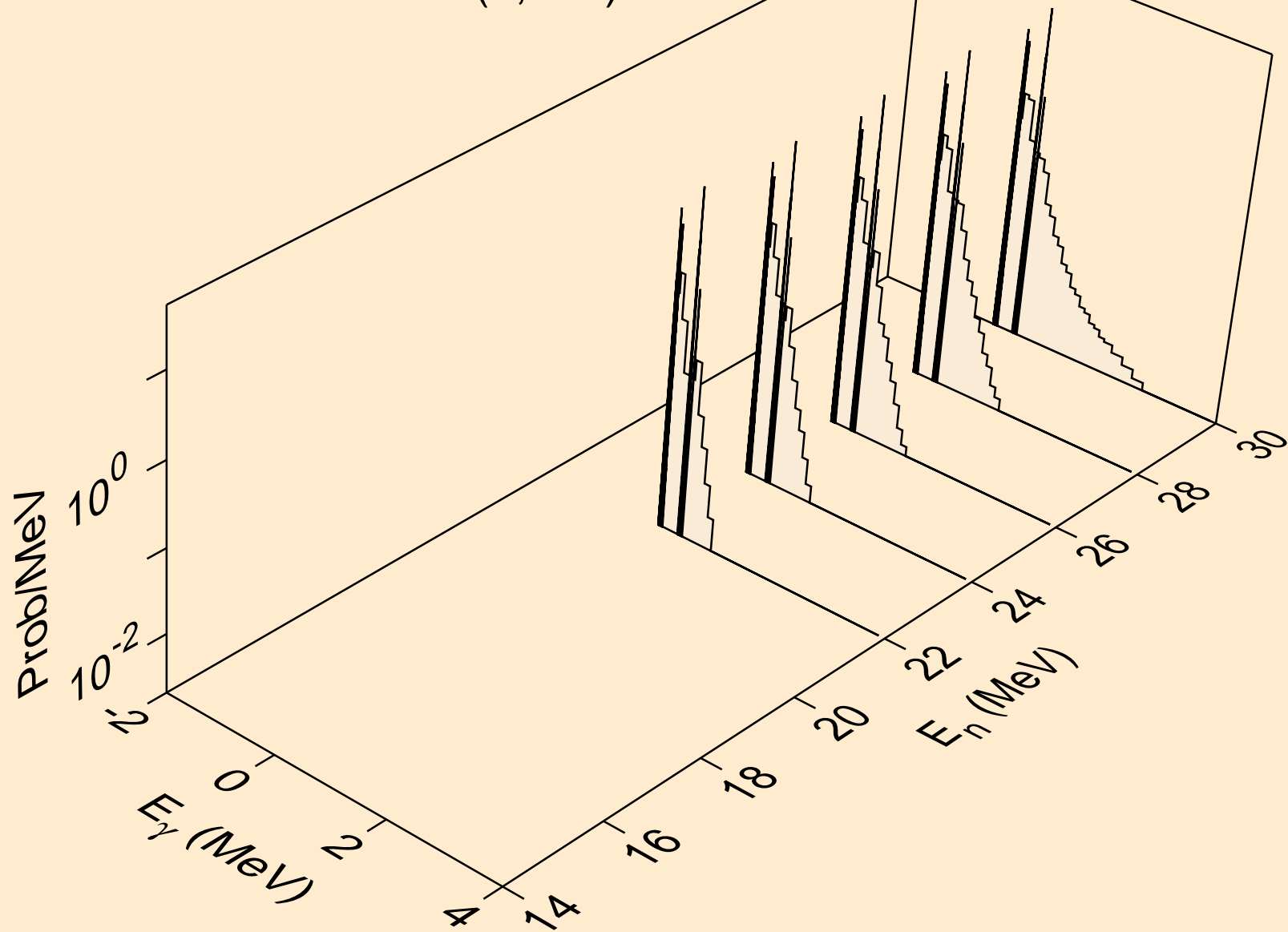
## Delayed neutron spectra



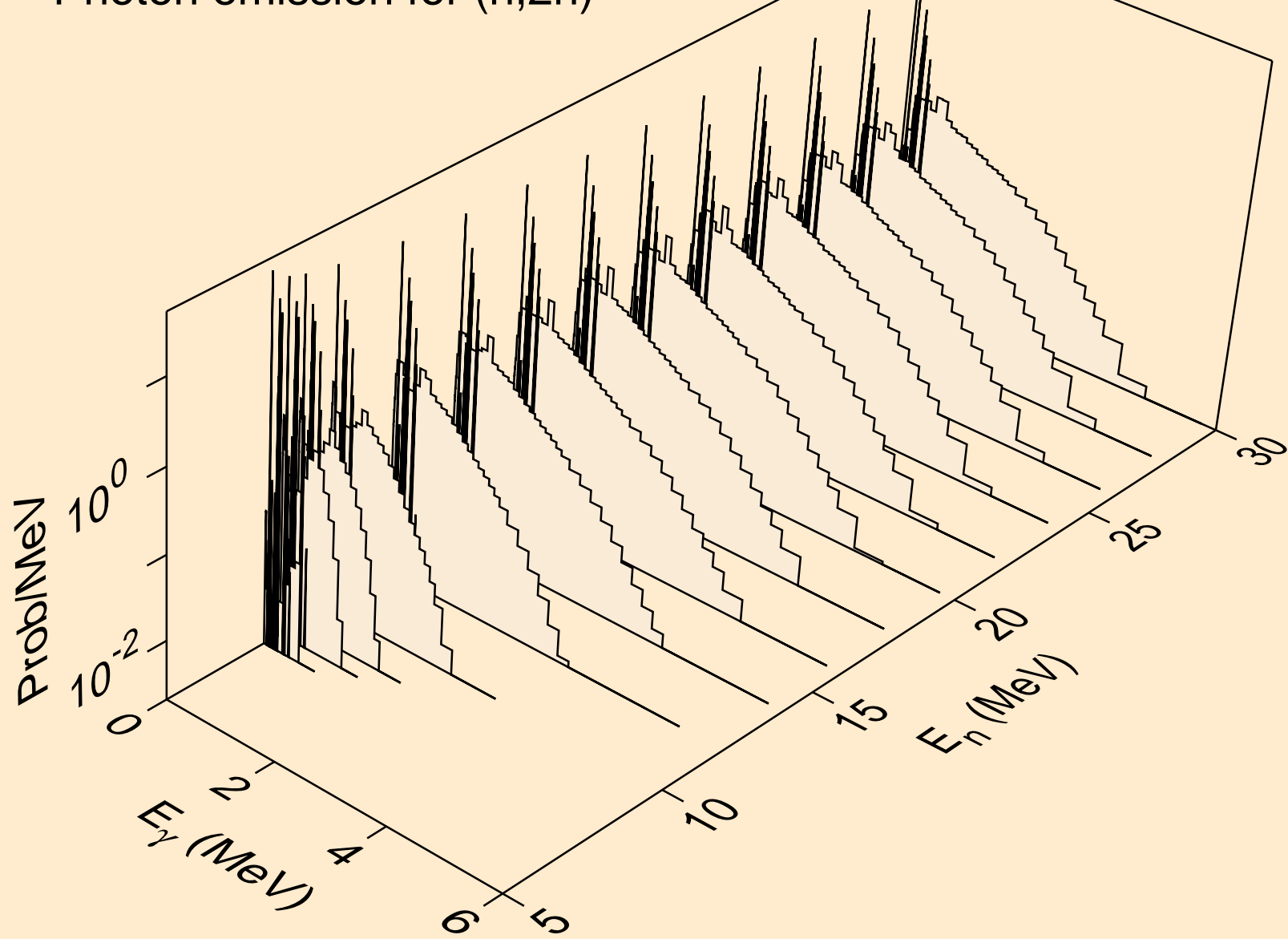
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



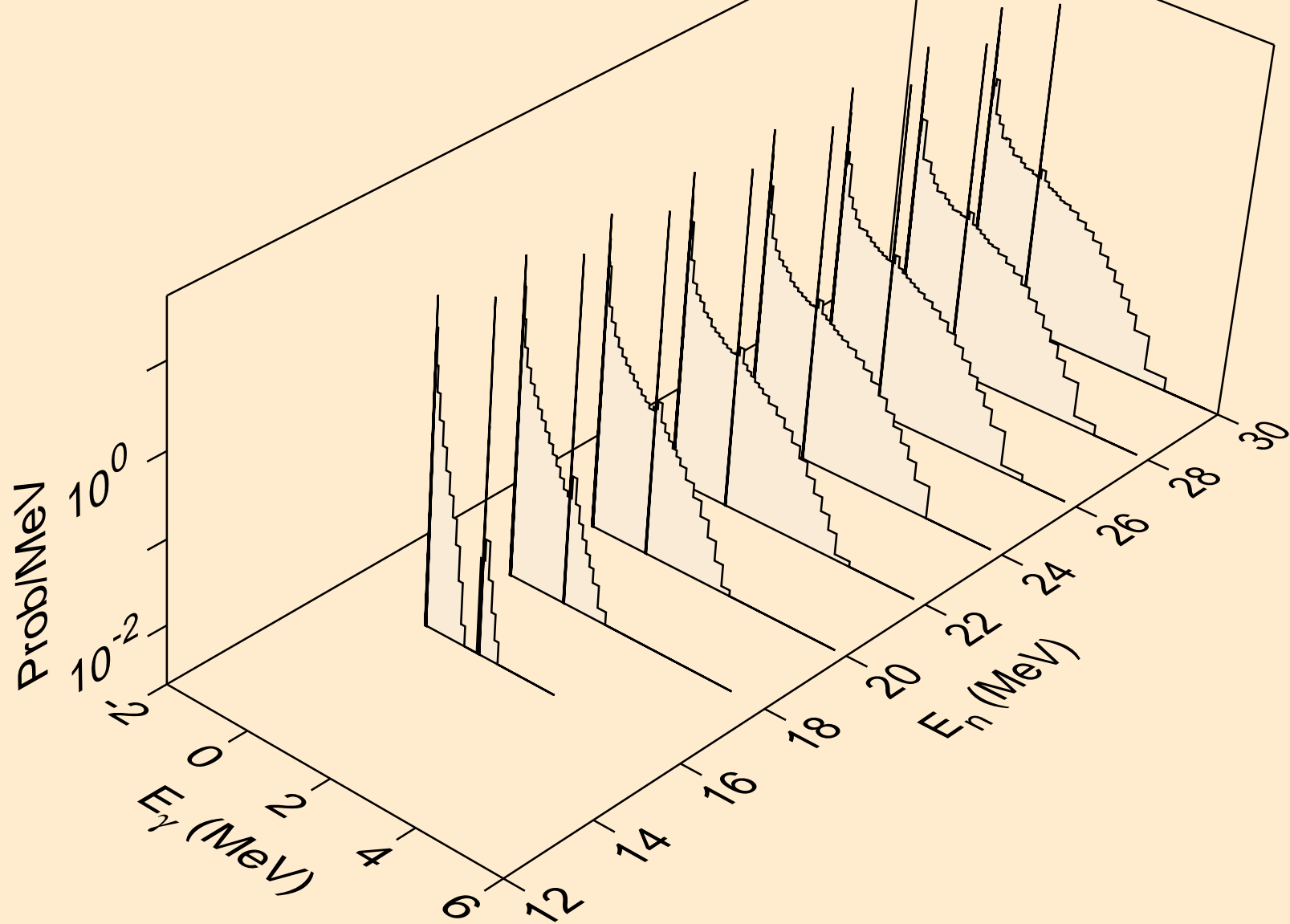
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



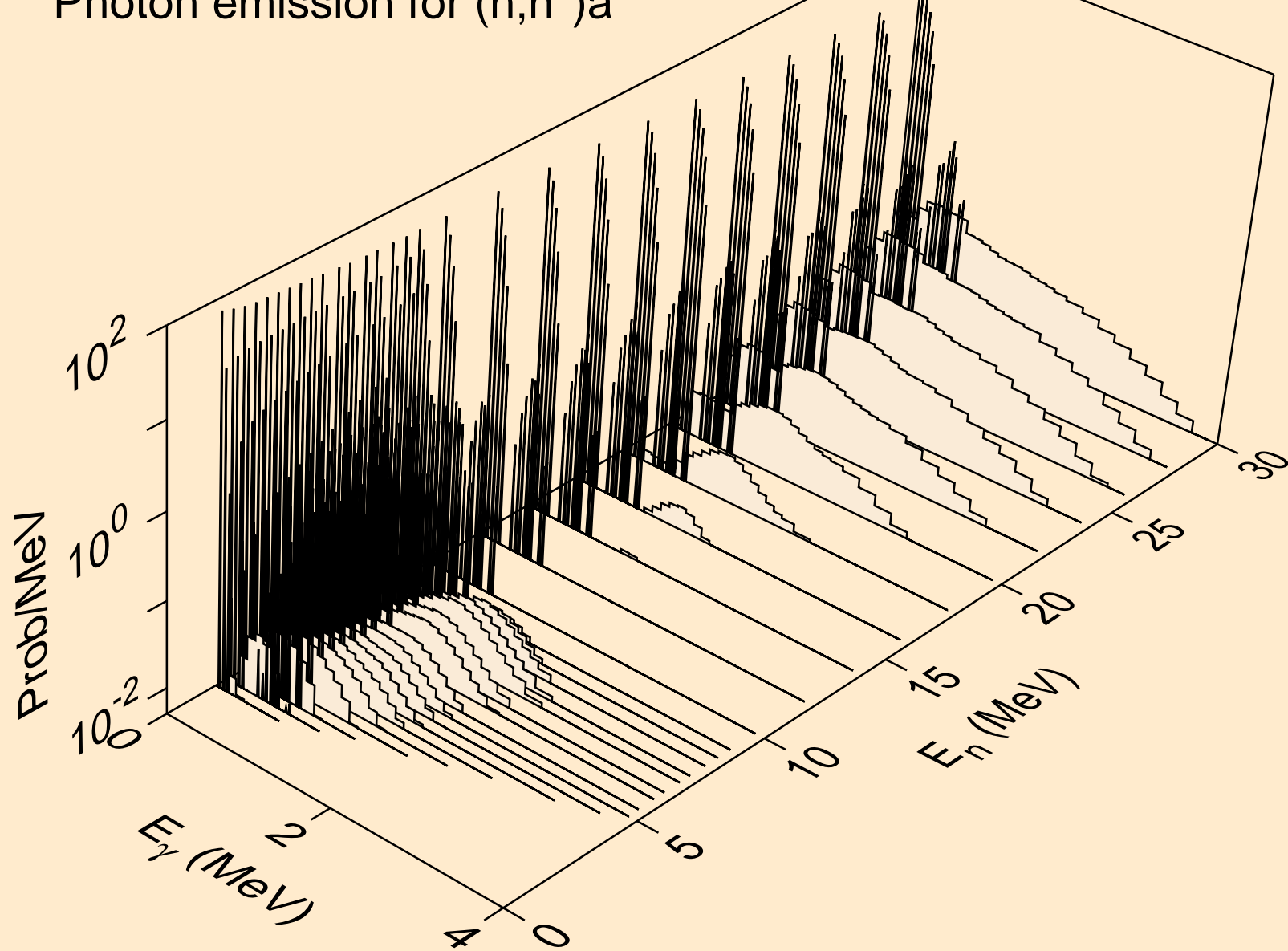
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



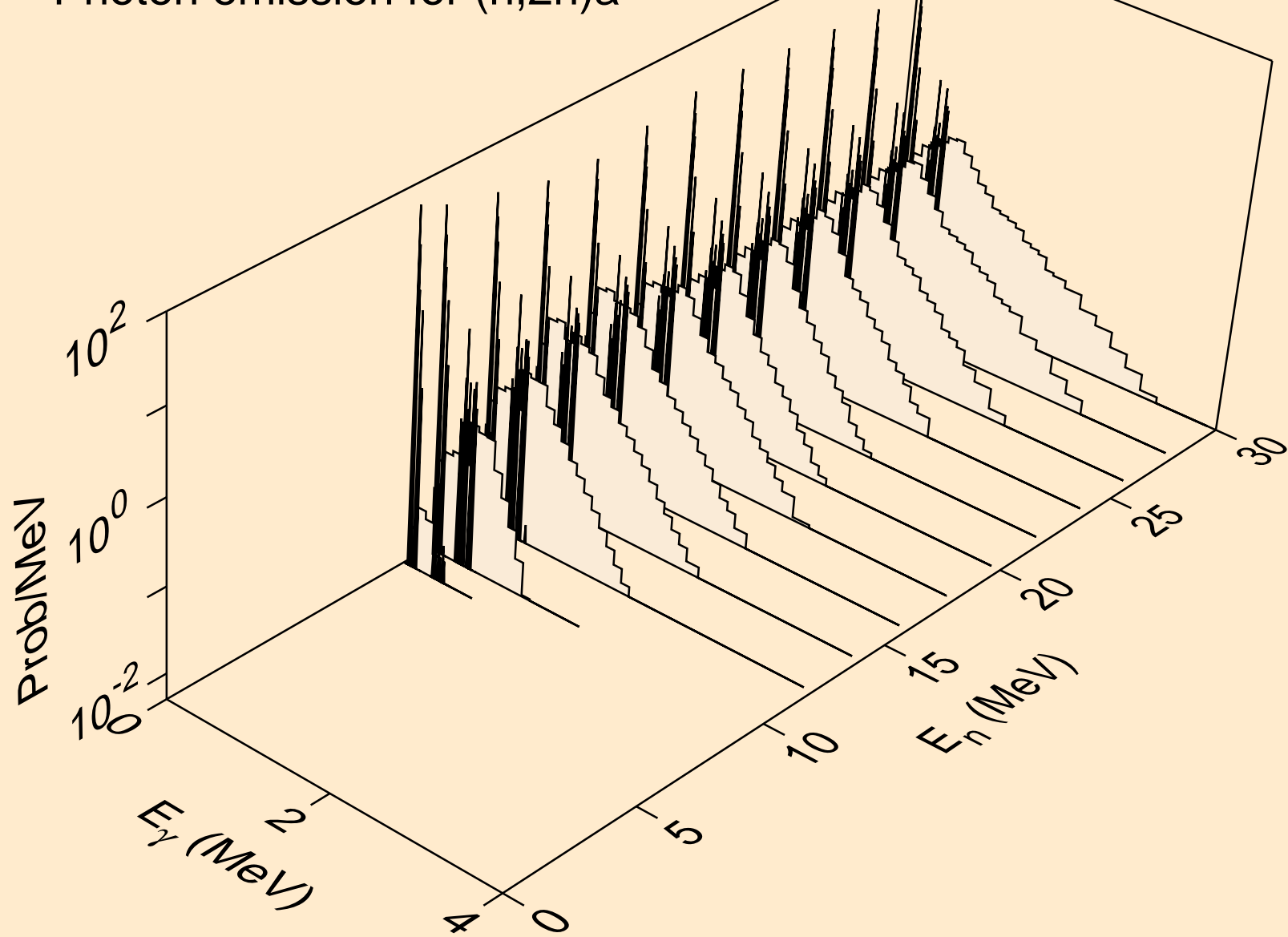
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



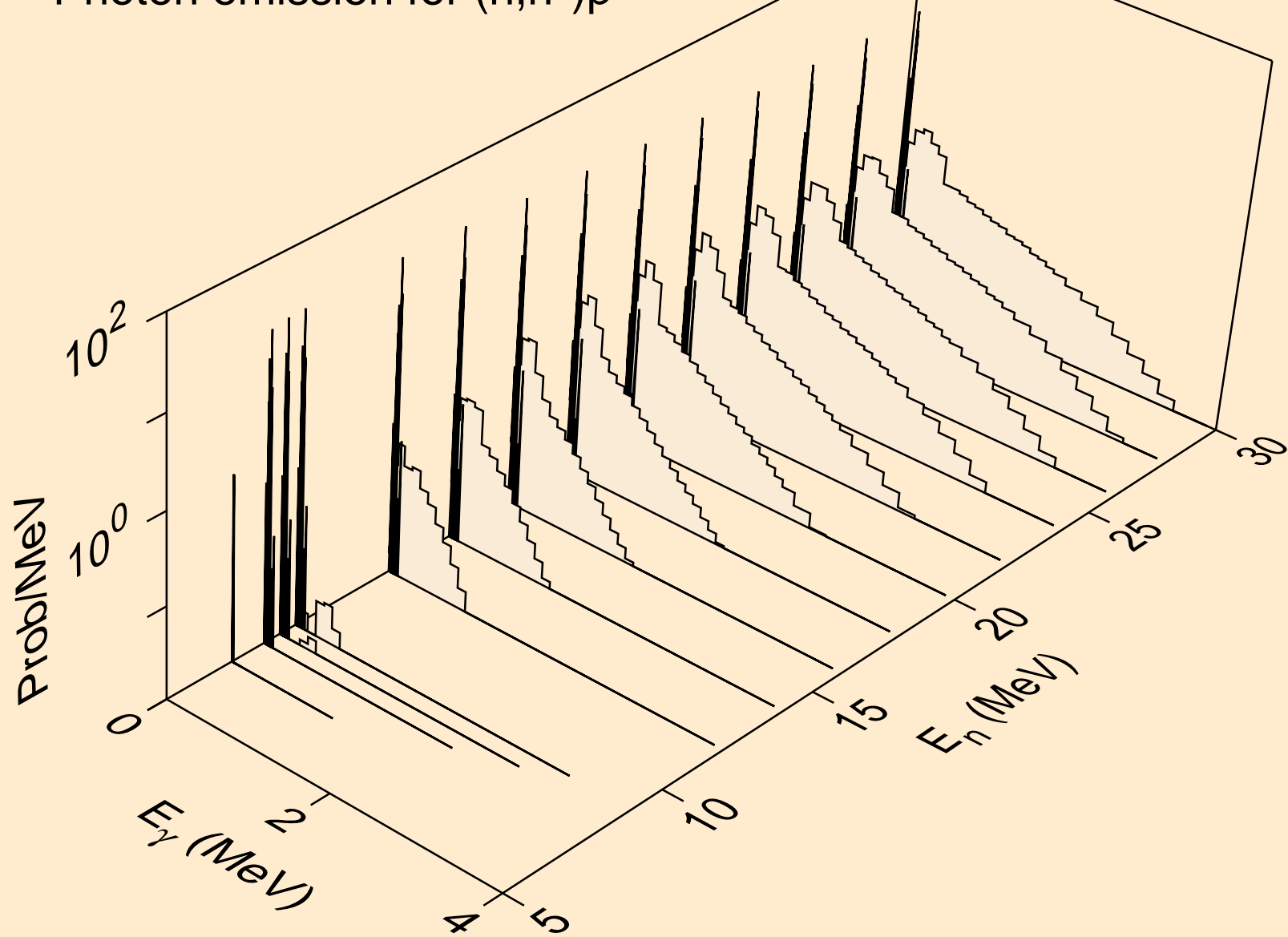
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



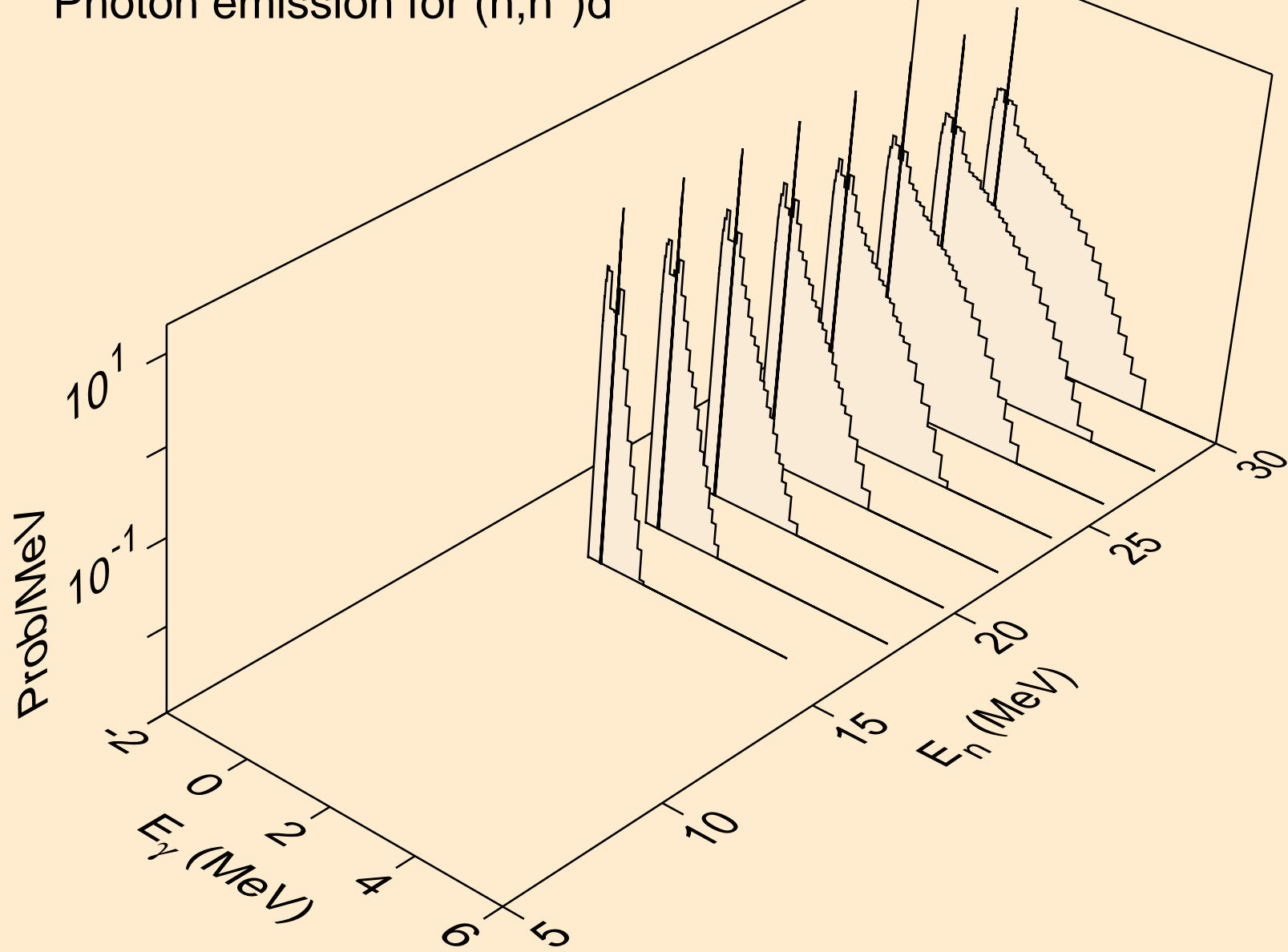
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



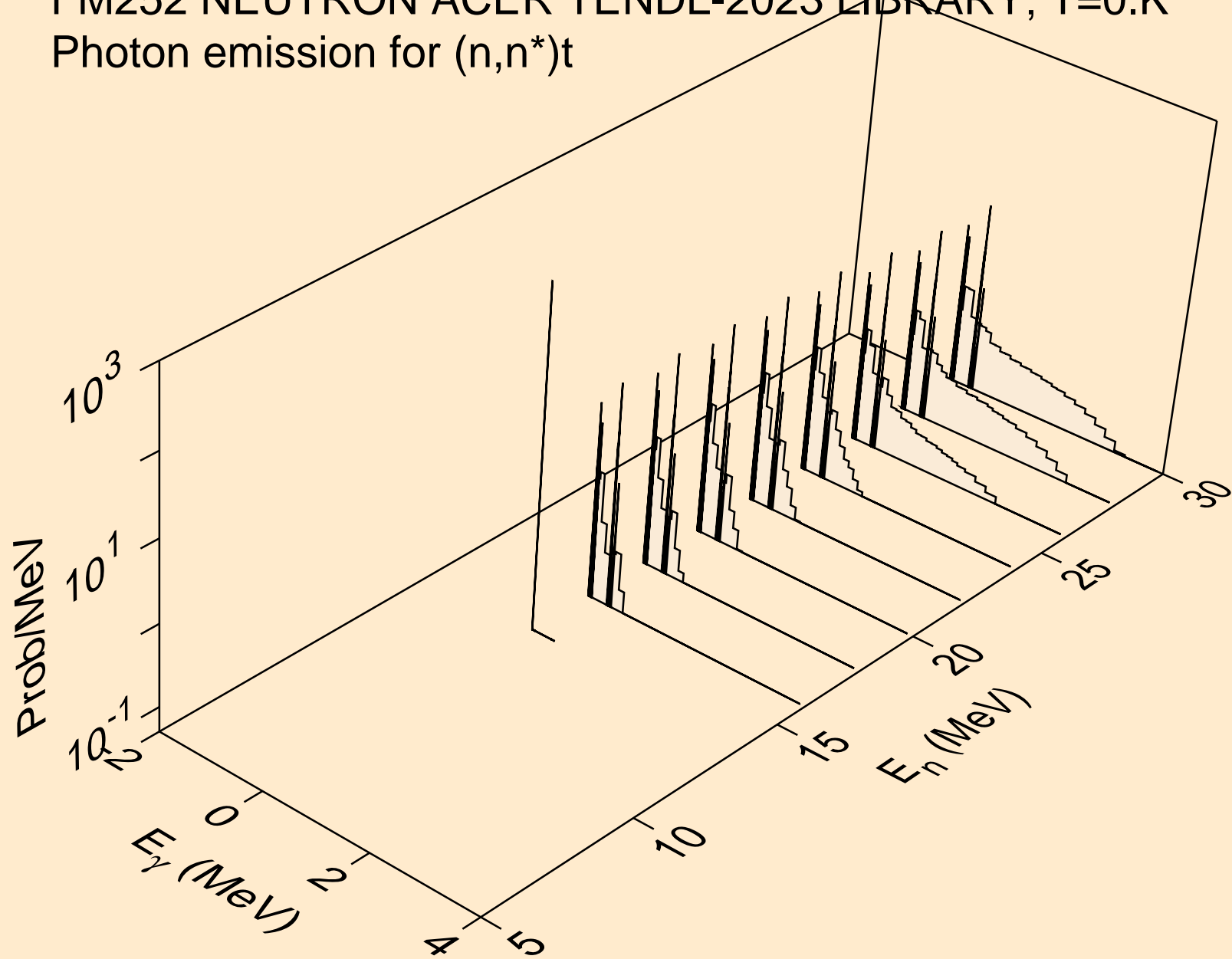
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



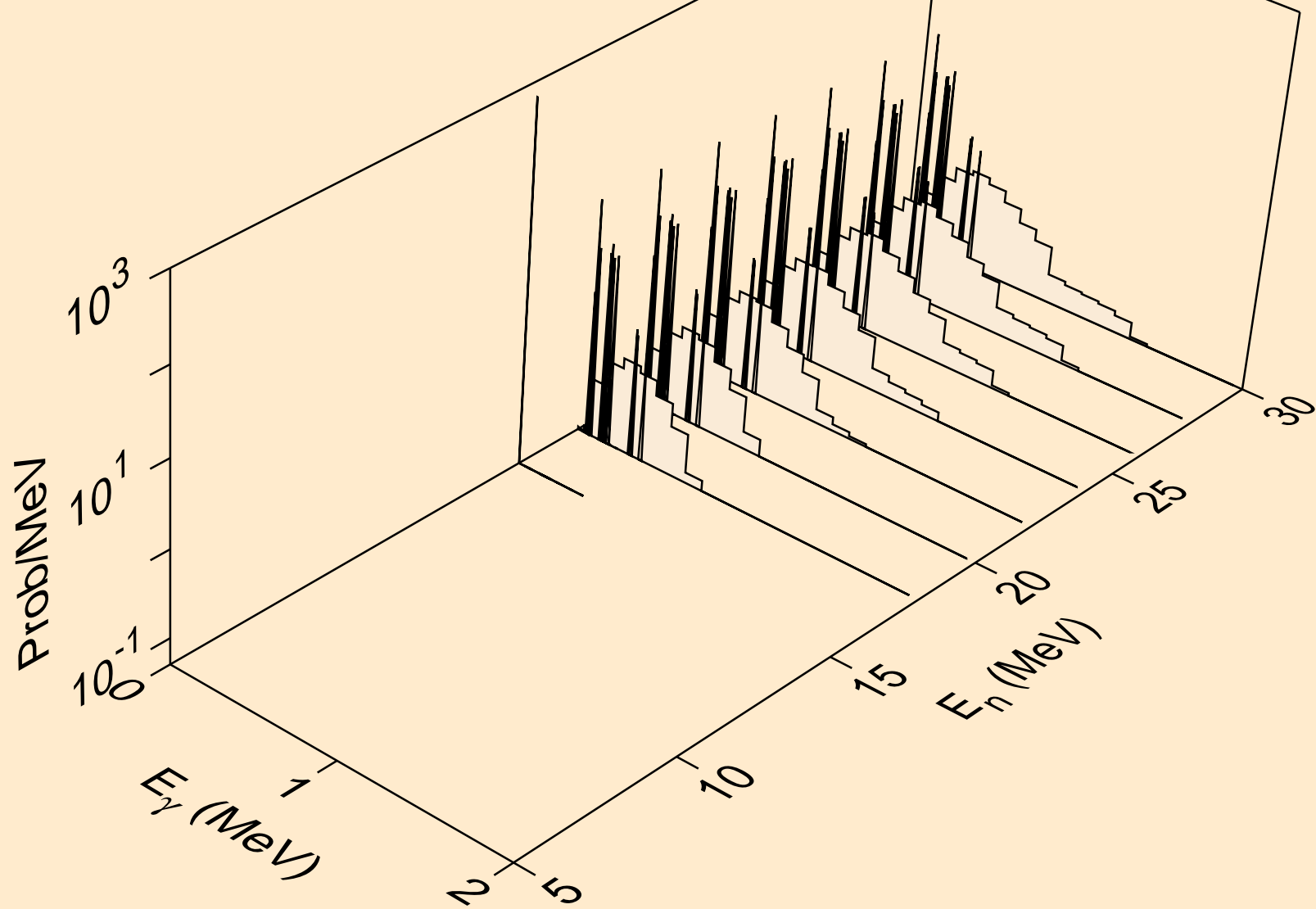
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



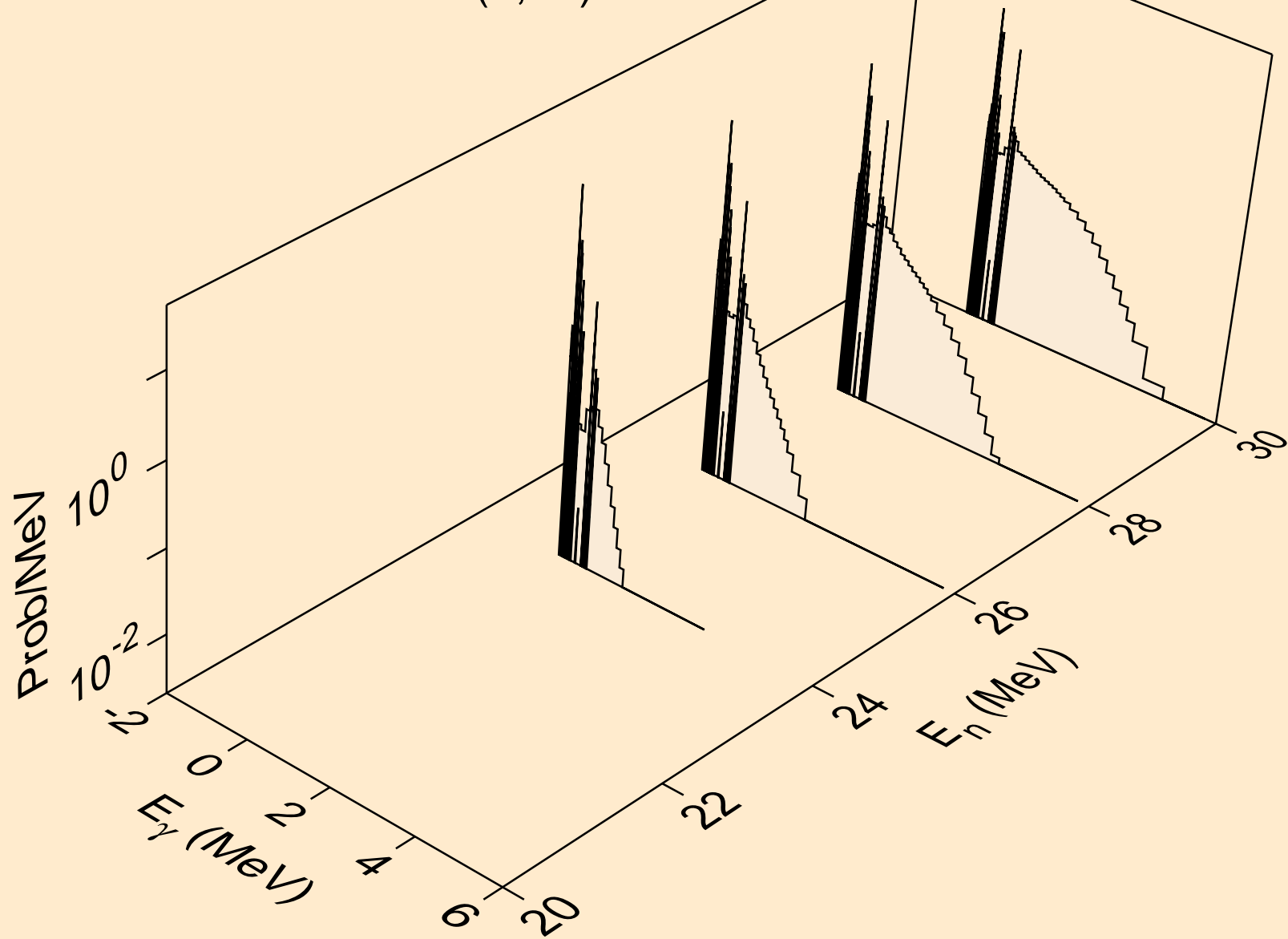
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



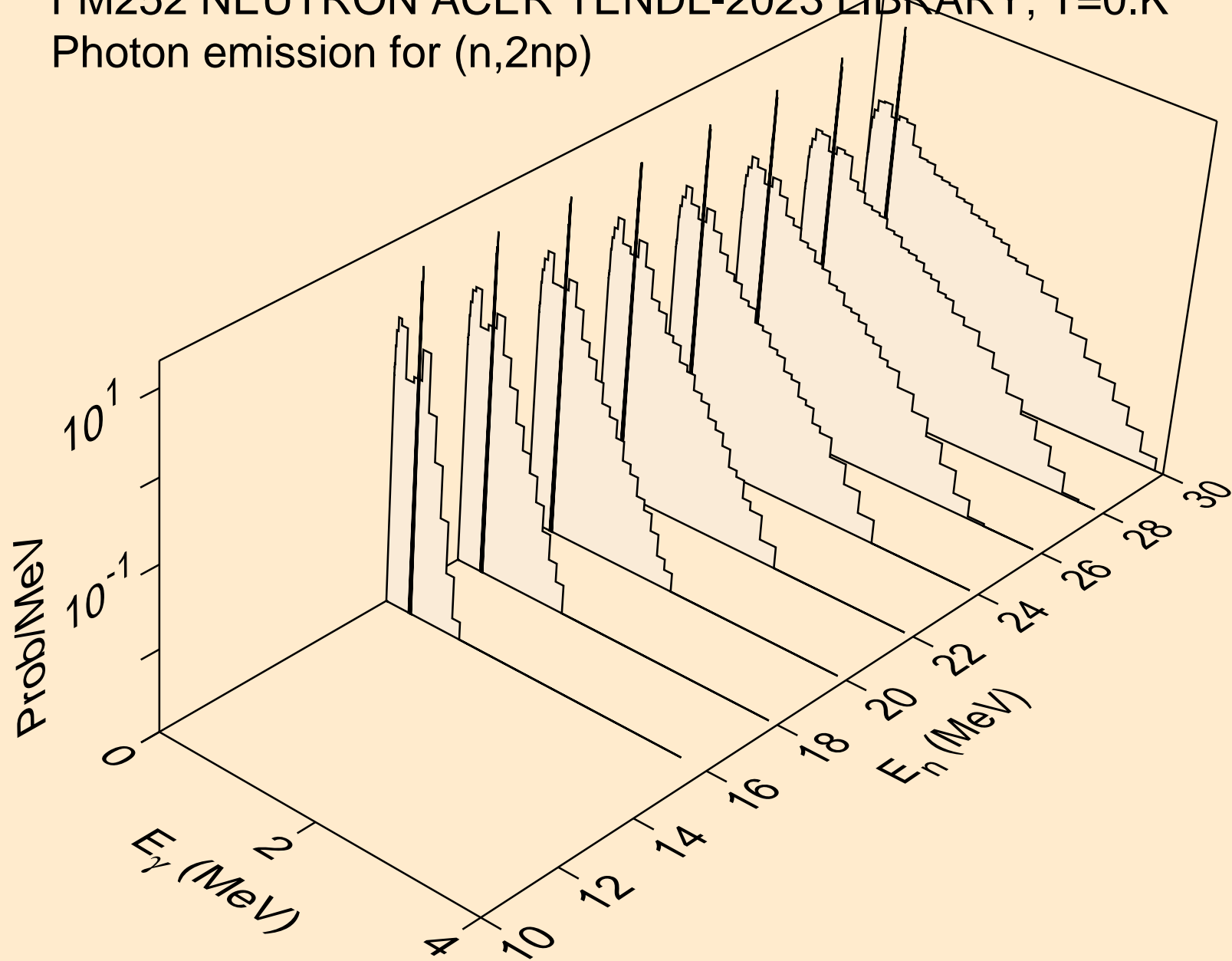
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



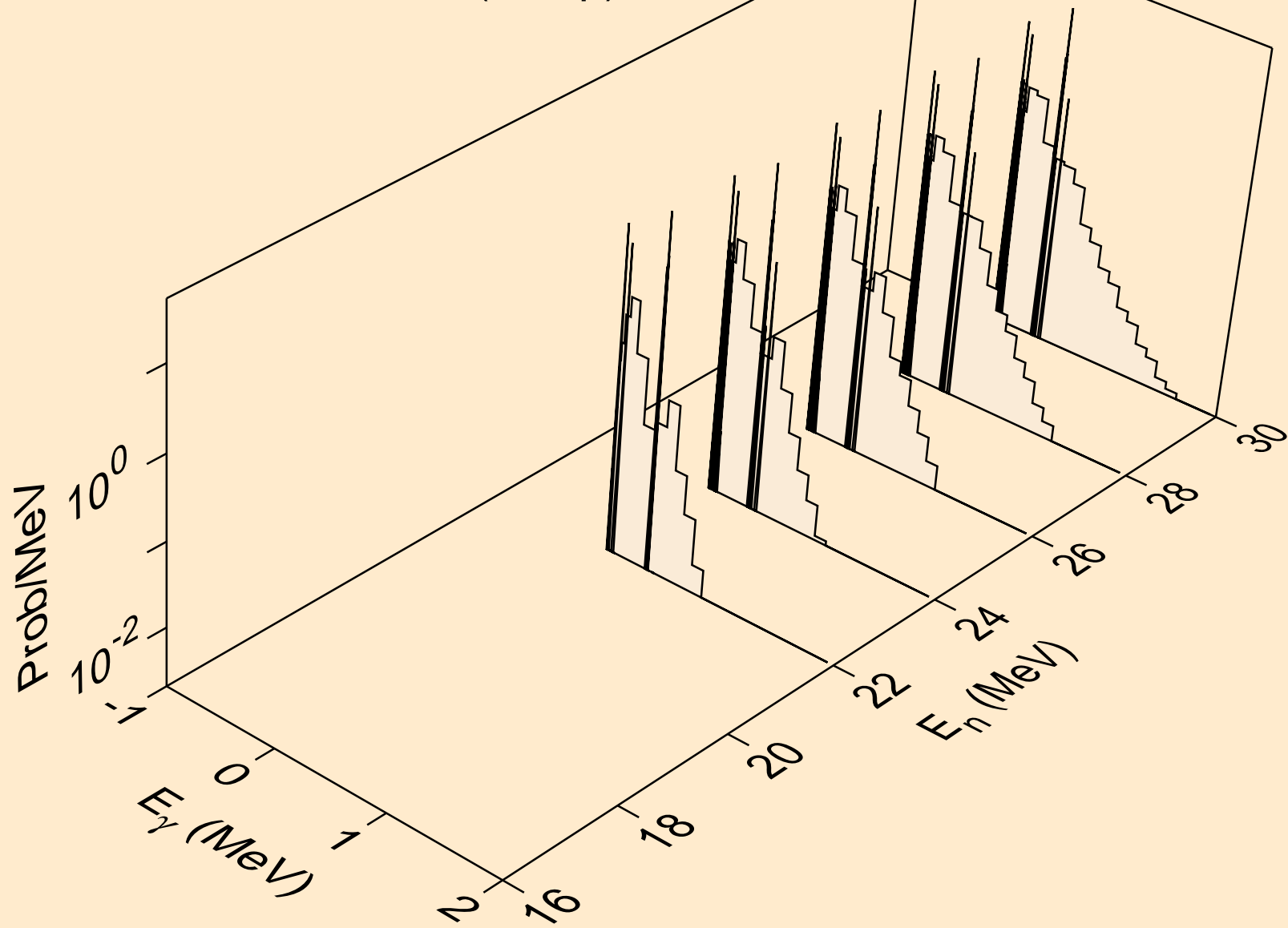
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



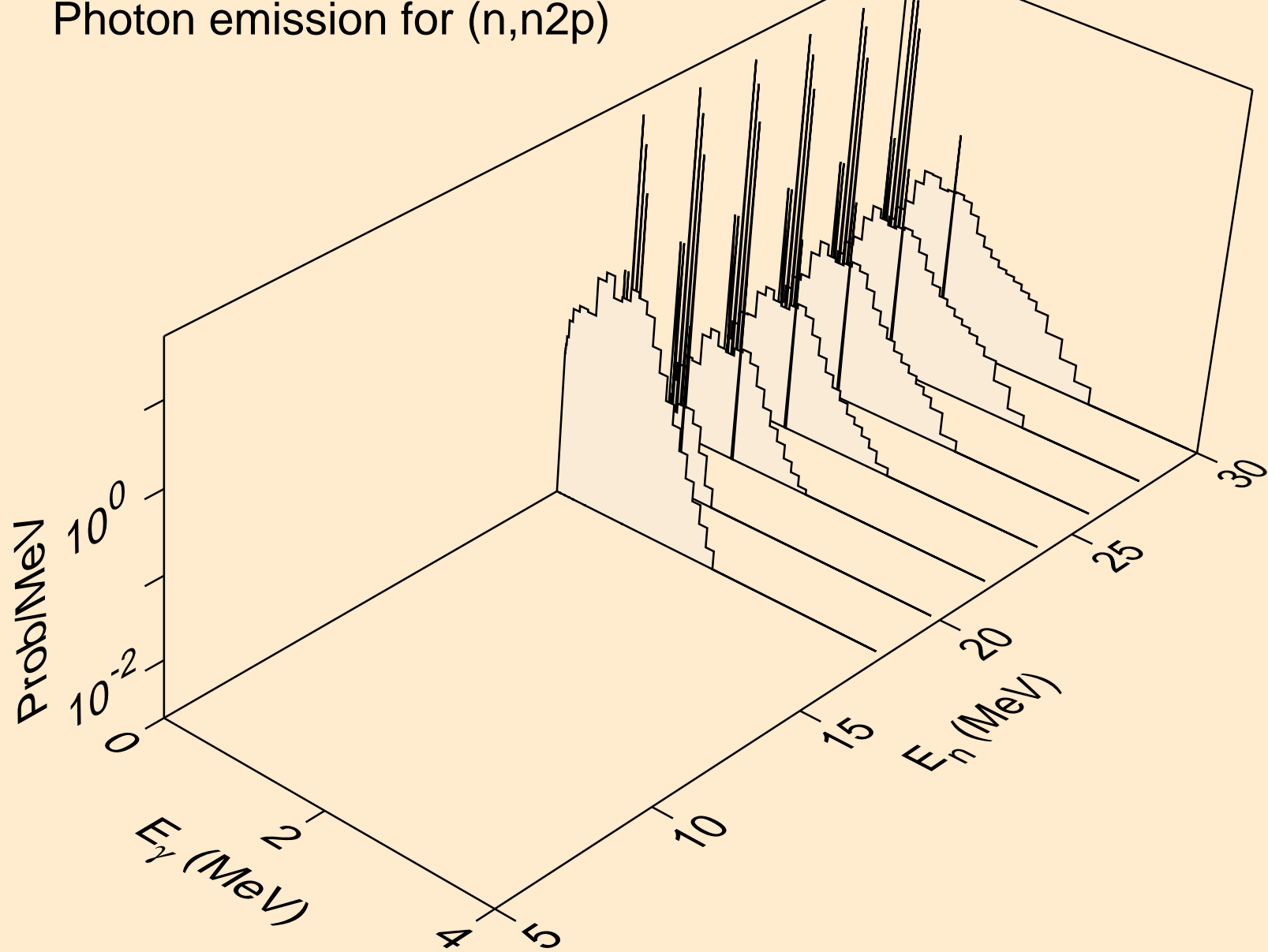
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Photon emission for (n,2np)



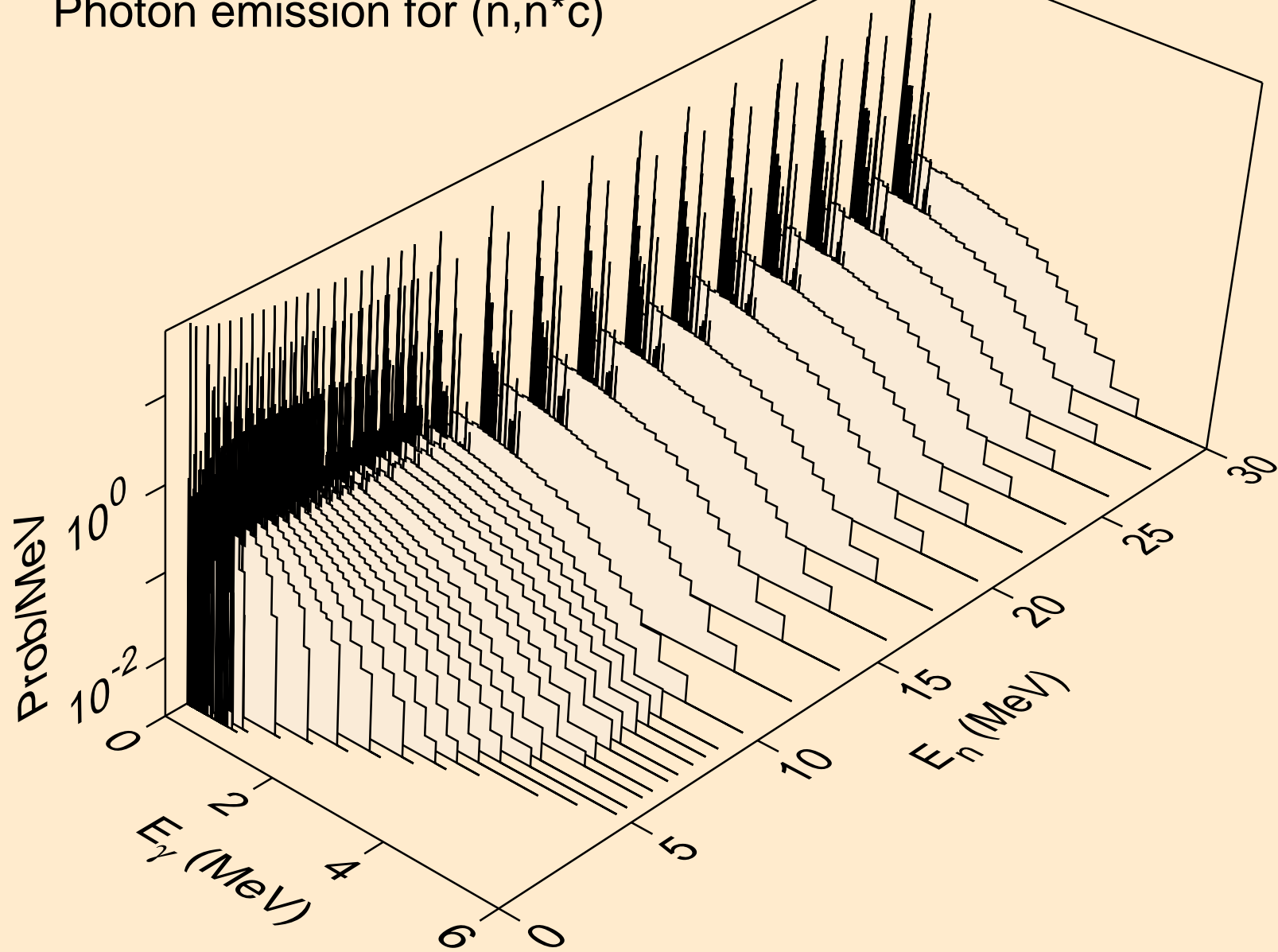
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Photon emission for (n,3np)



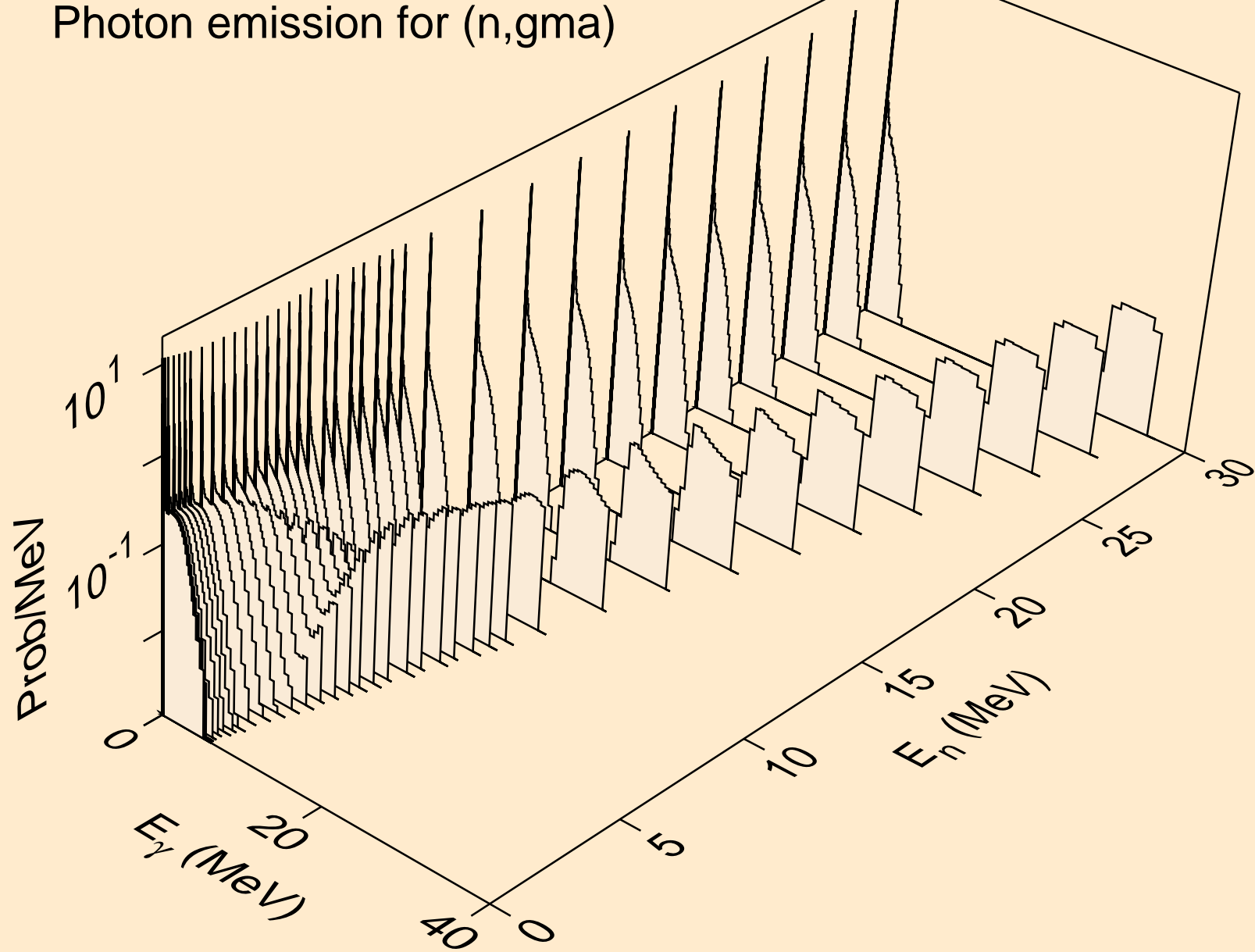
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Photon emission for (n,n2p)



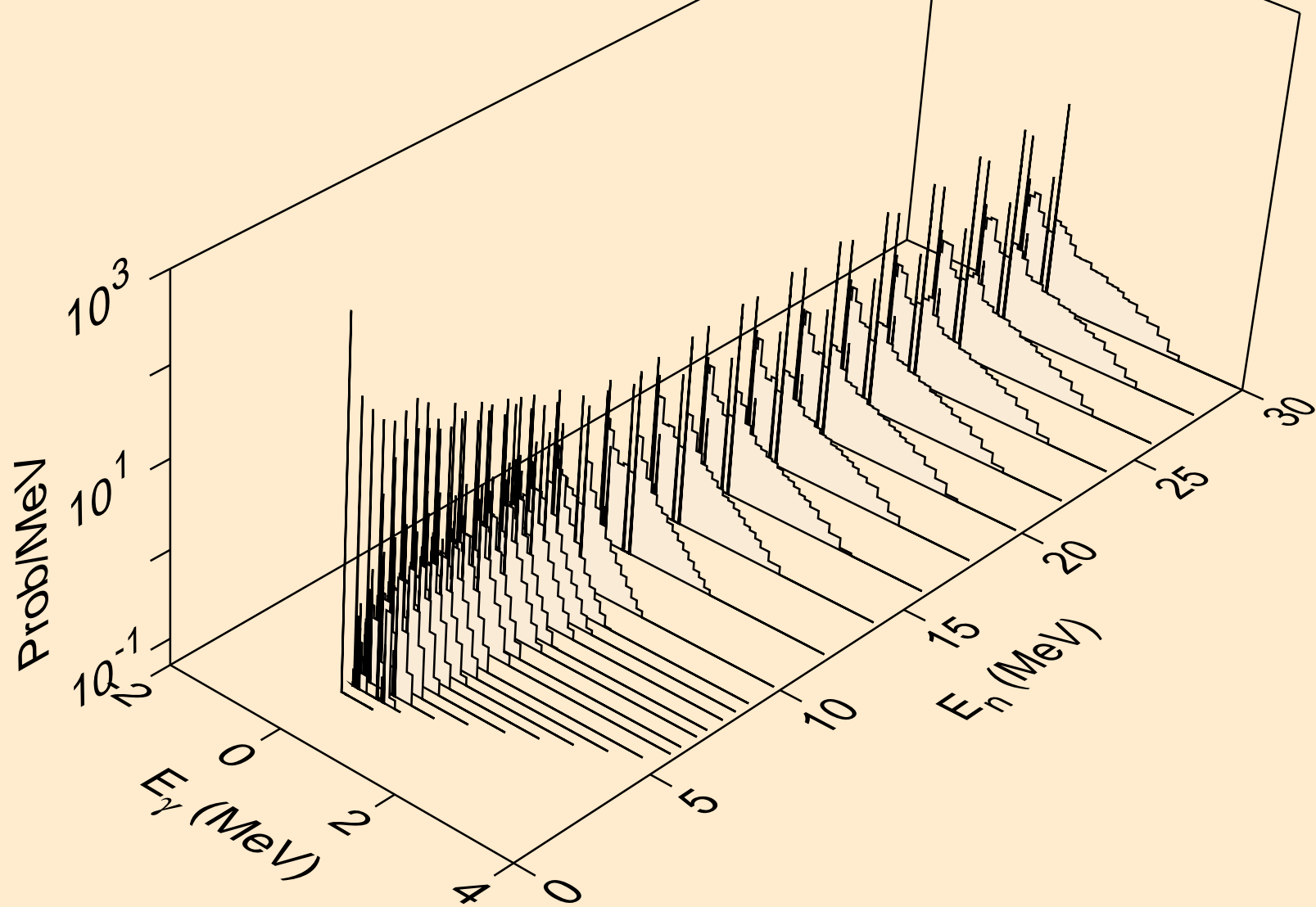
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Photon emission for (n,n\*c)



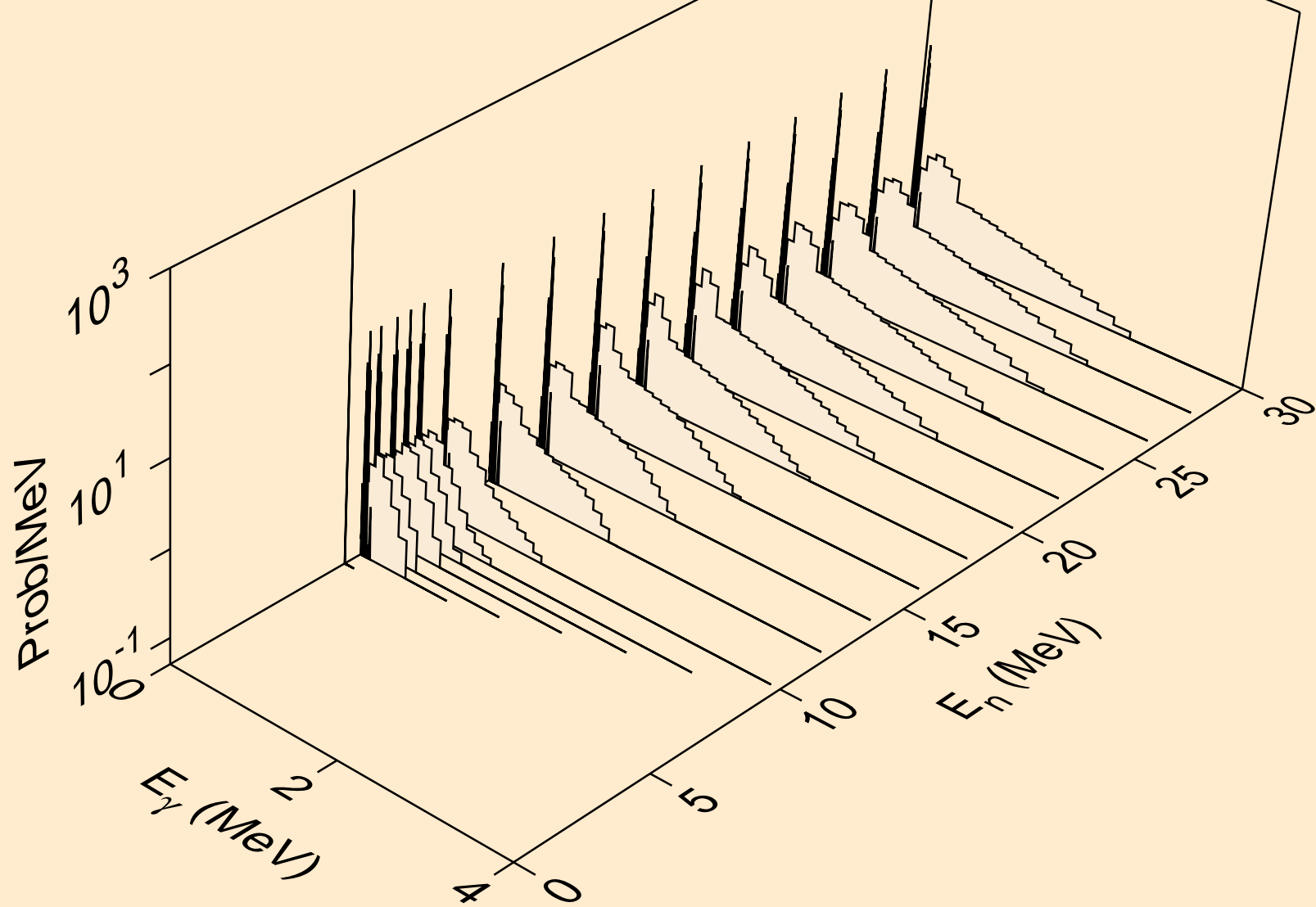
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Photon emission for (n,gma)



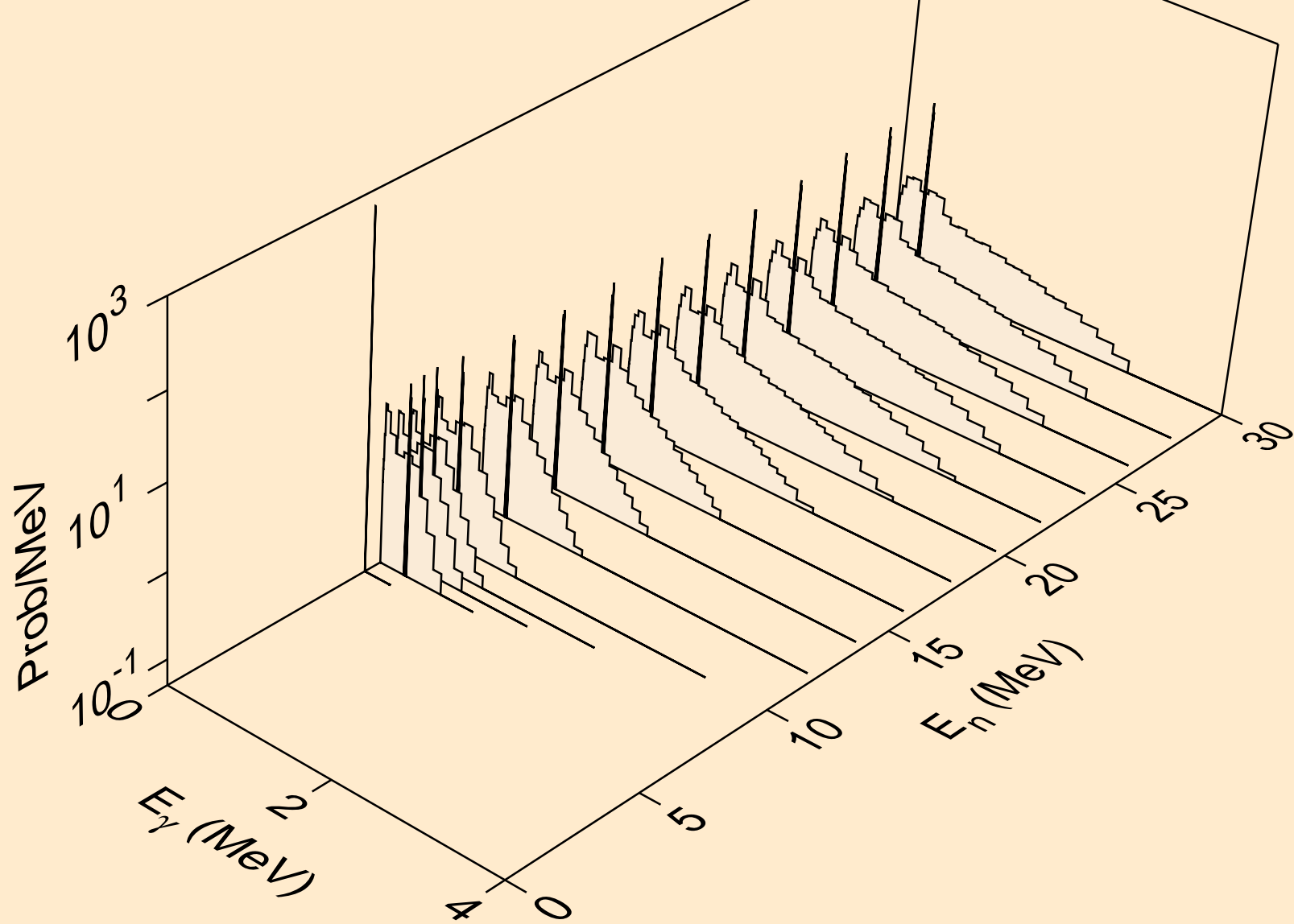
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



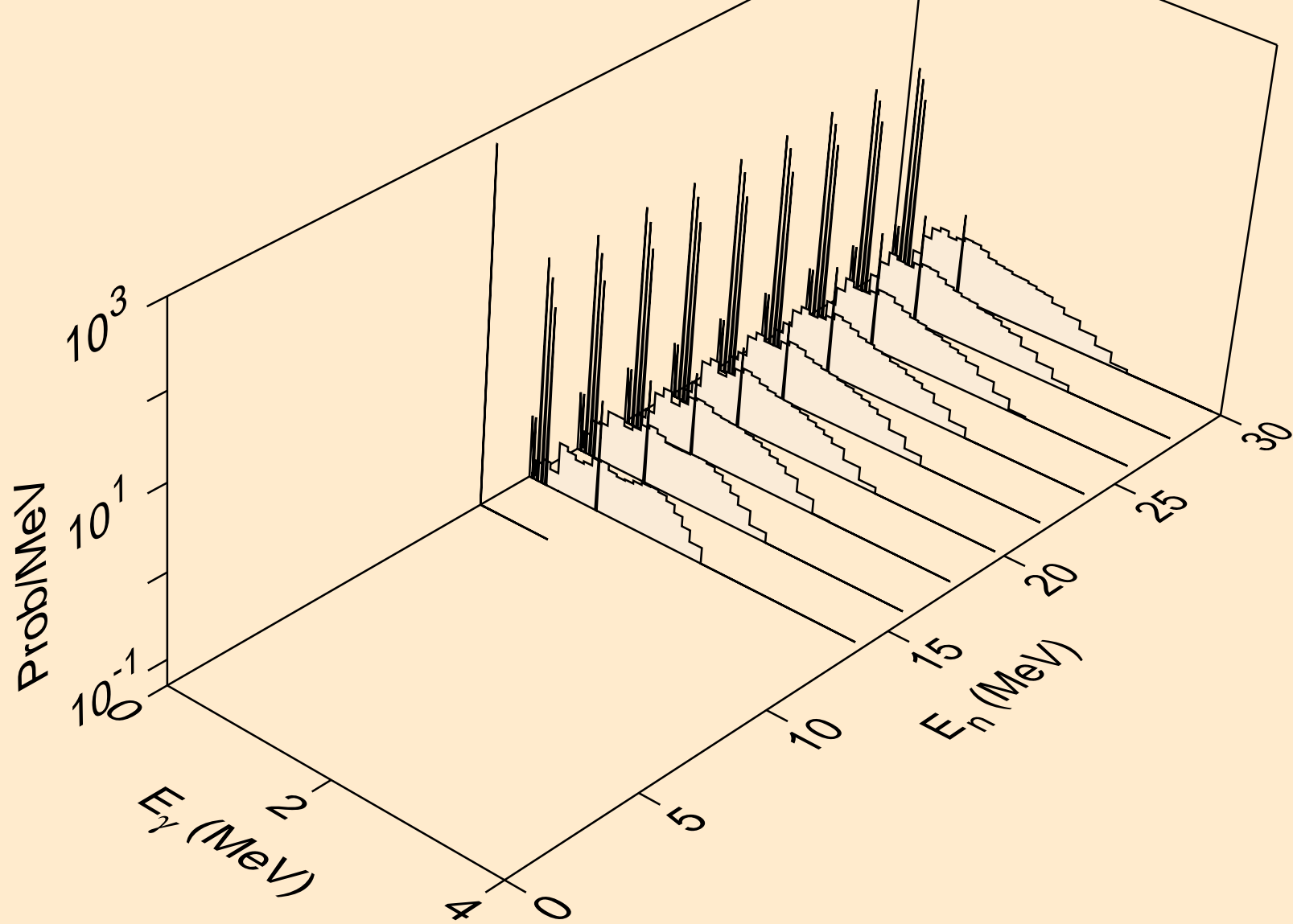
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Photon emission for (n,d)



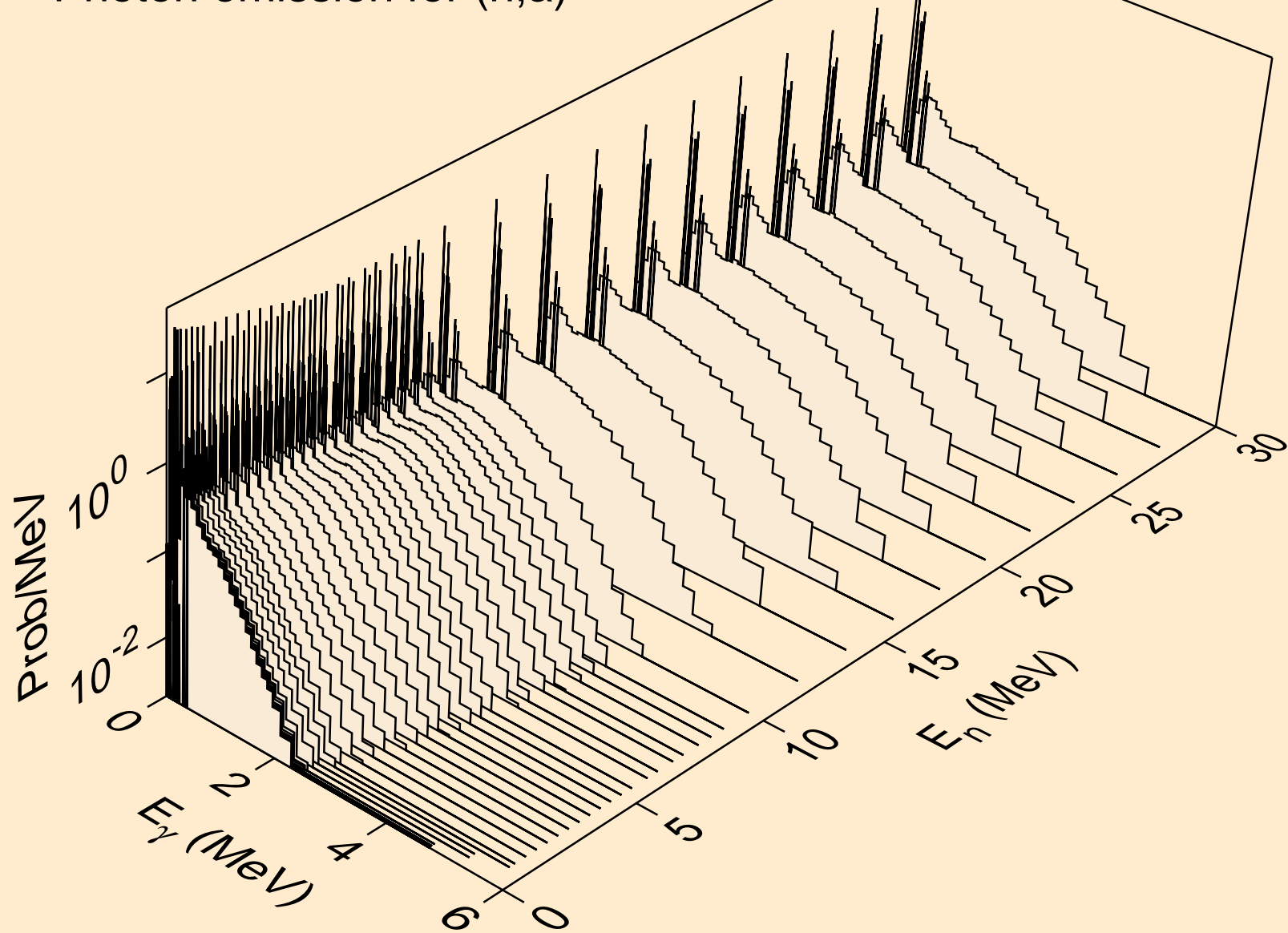
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



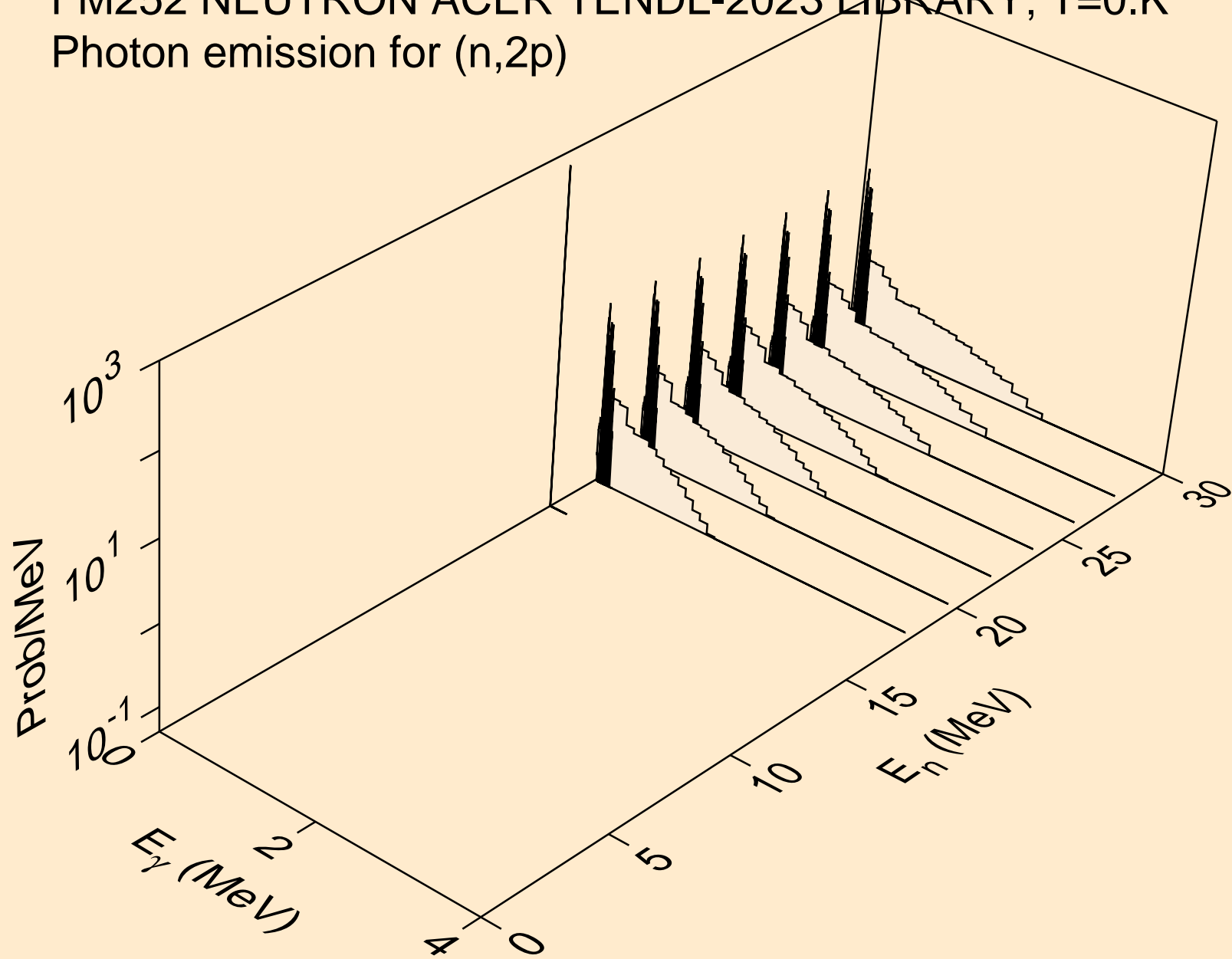
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



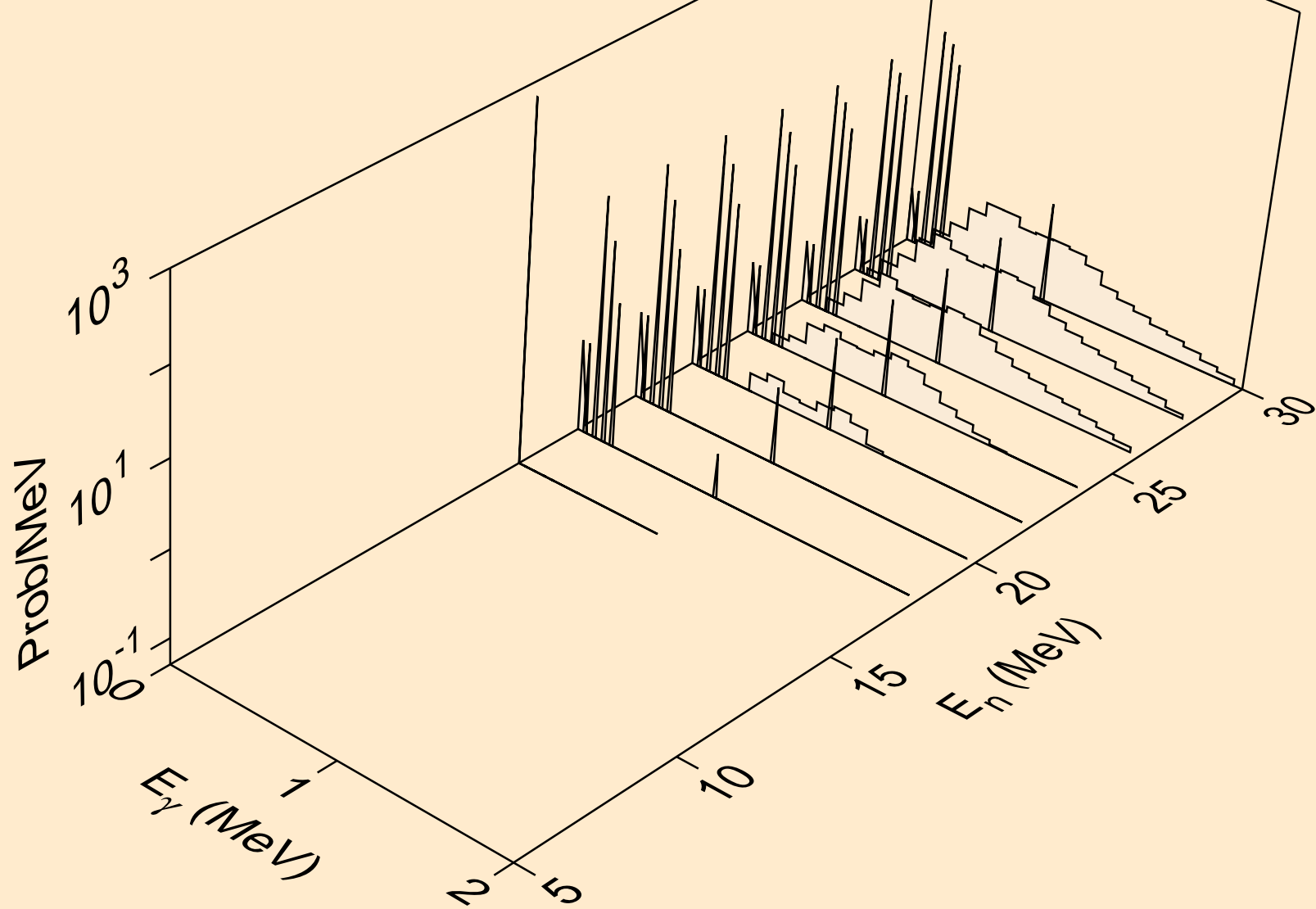
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Photon emission for (n,a)



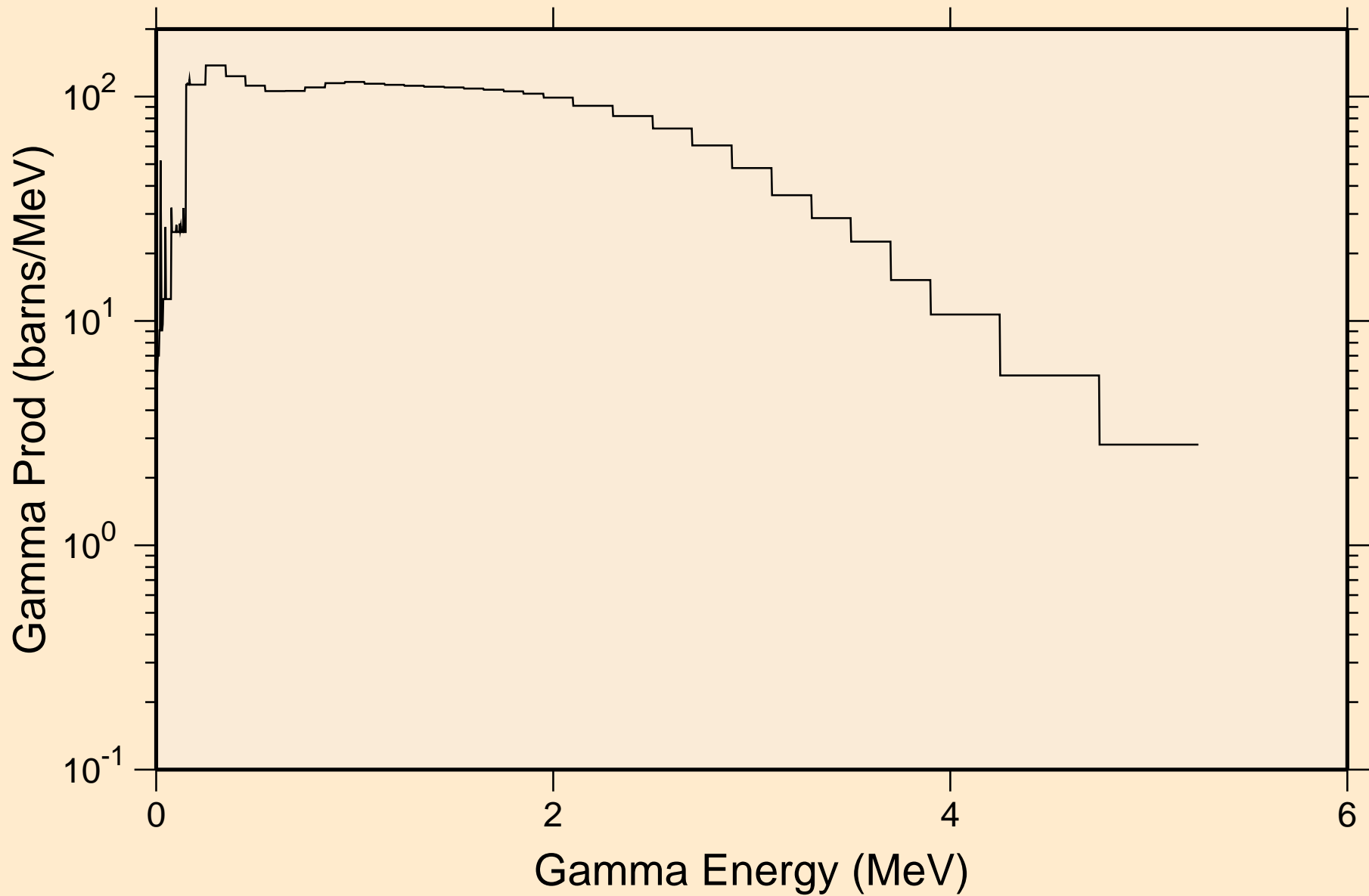
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Photon emission for (n,2p)



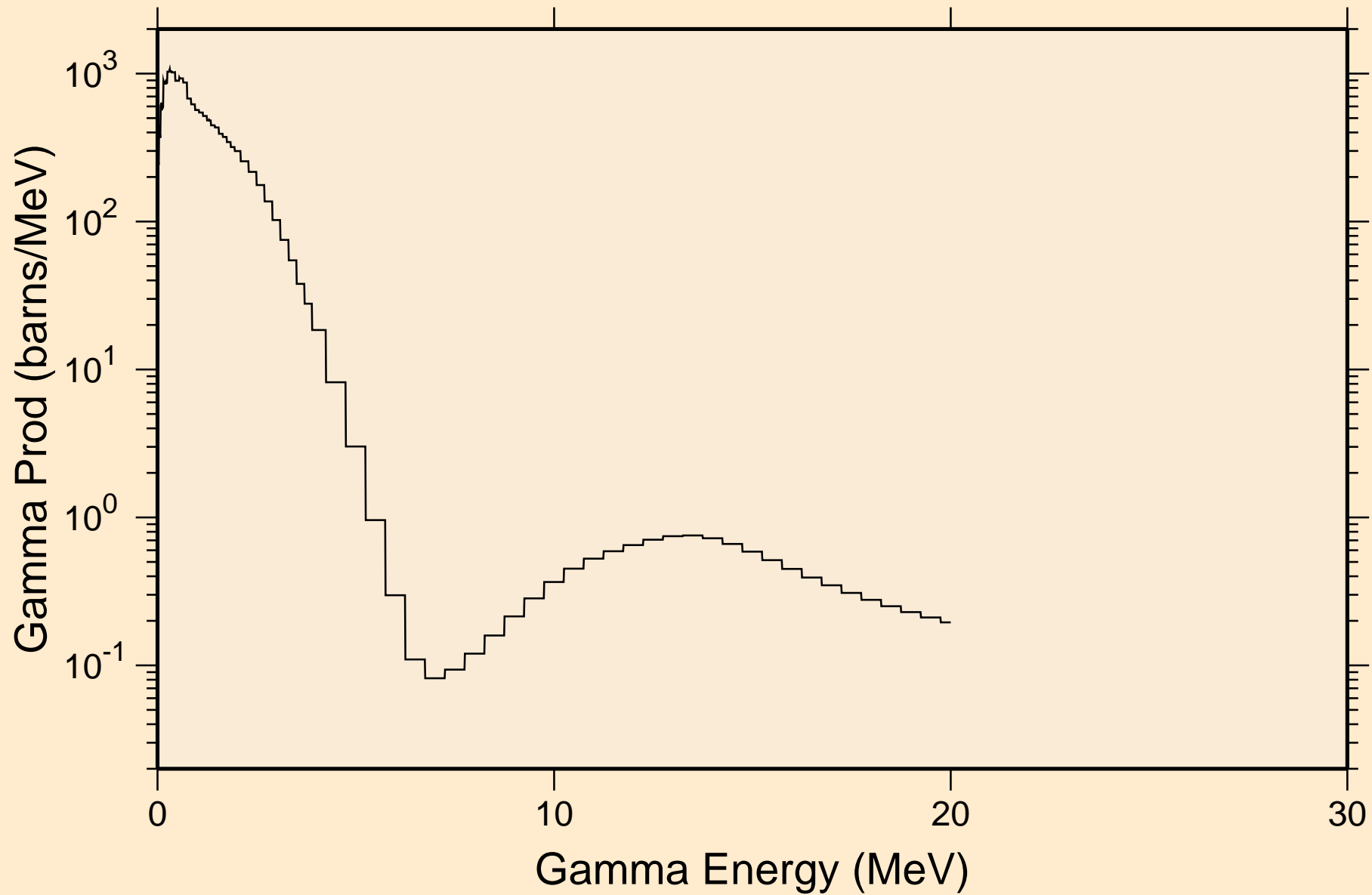
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

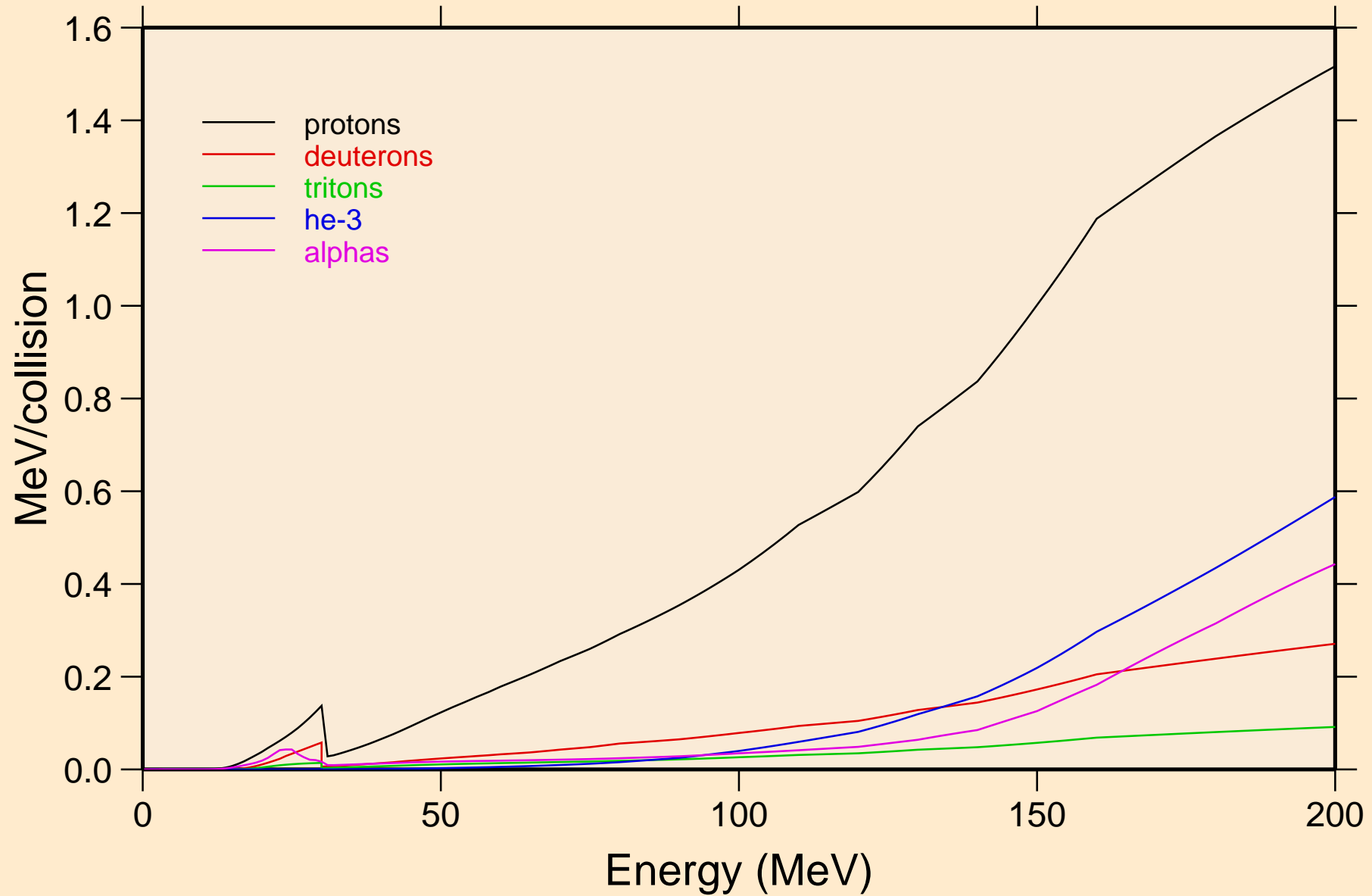


FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

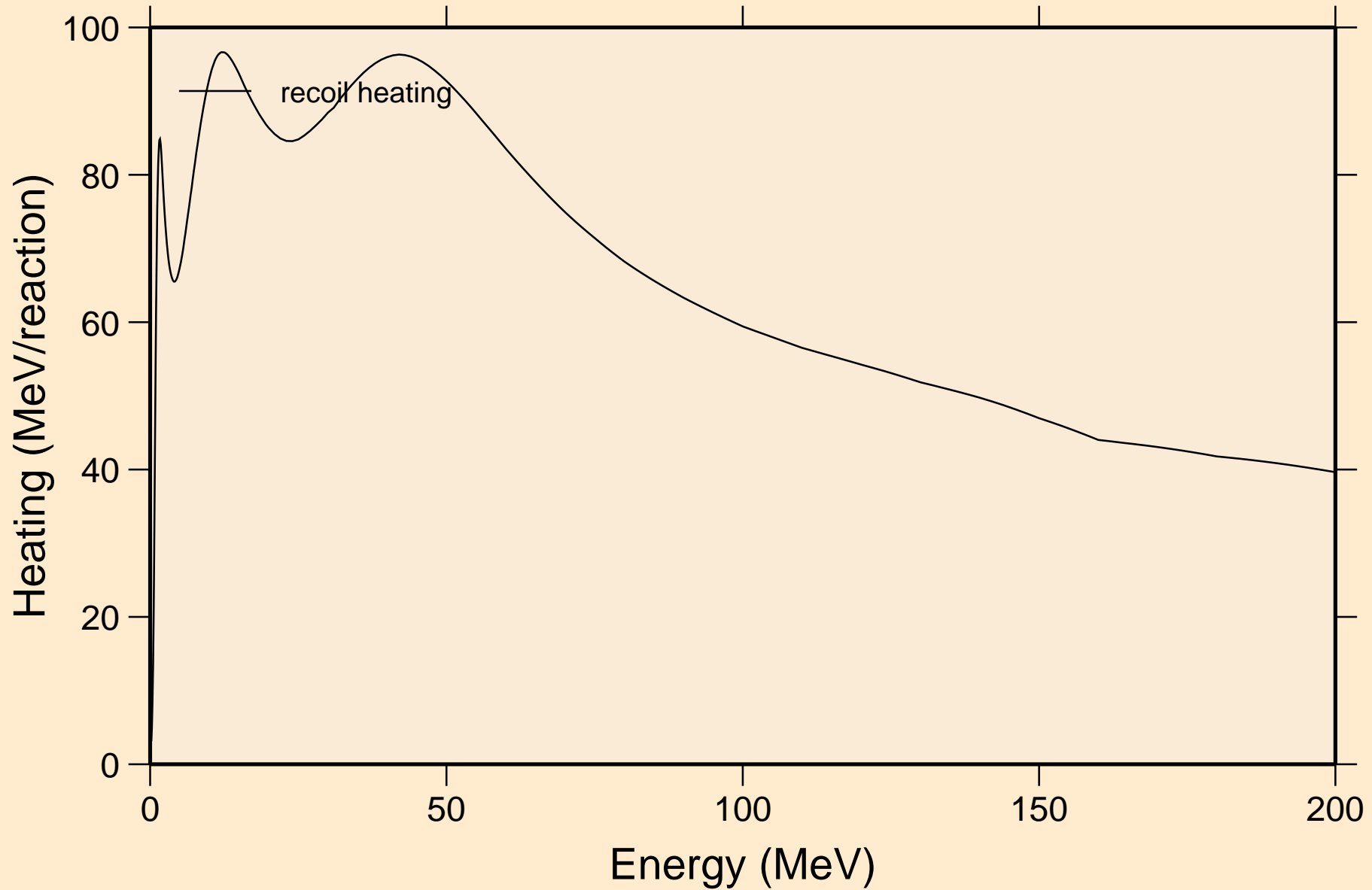


# FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

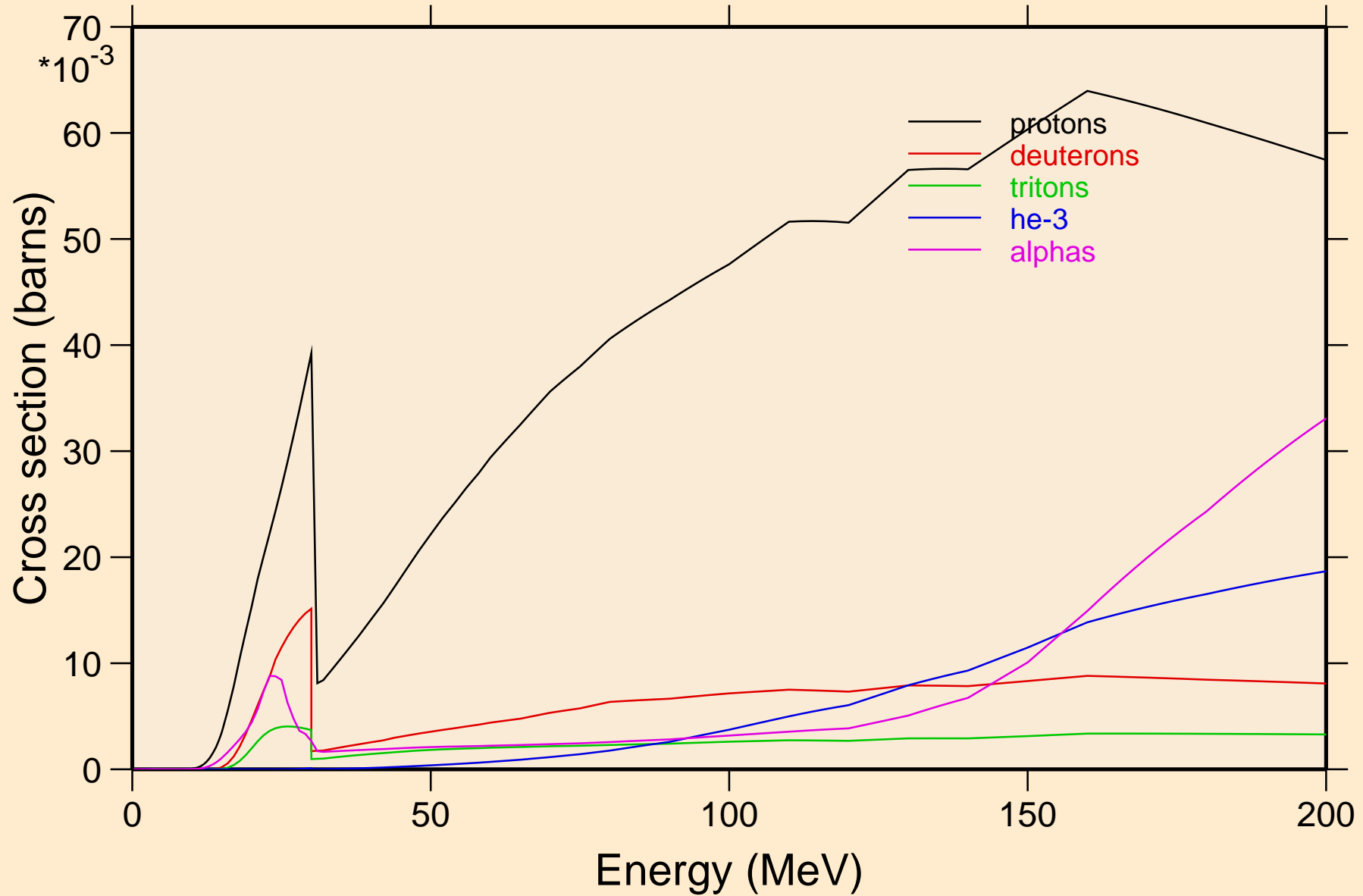


FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

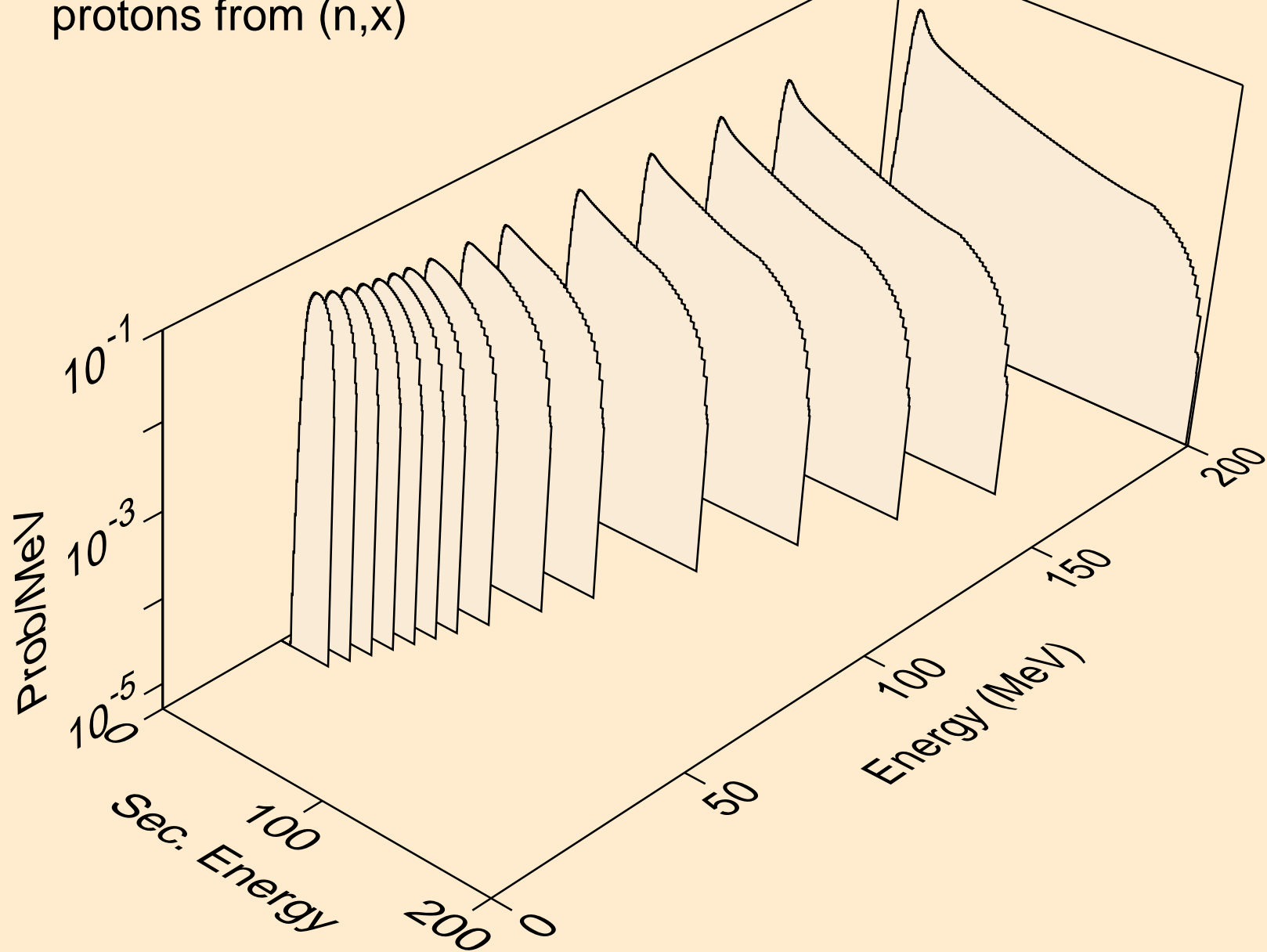


# FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

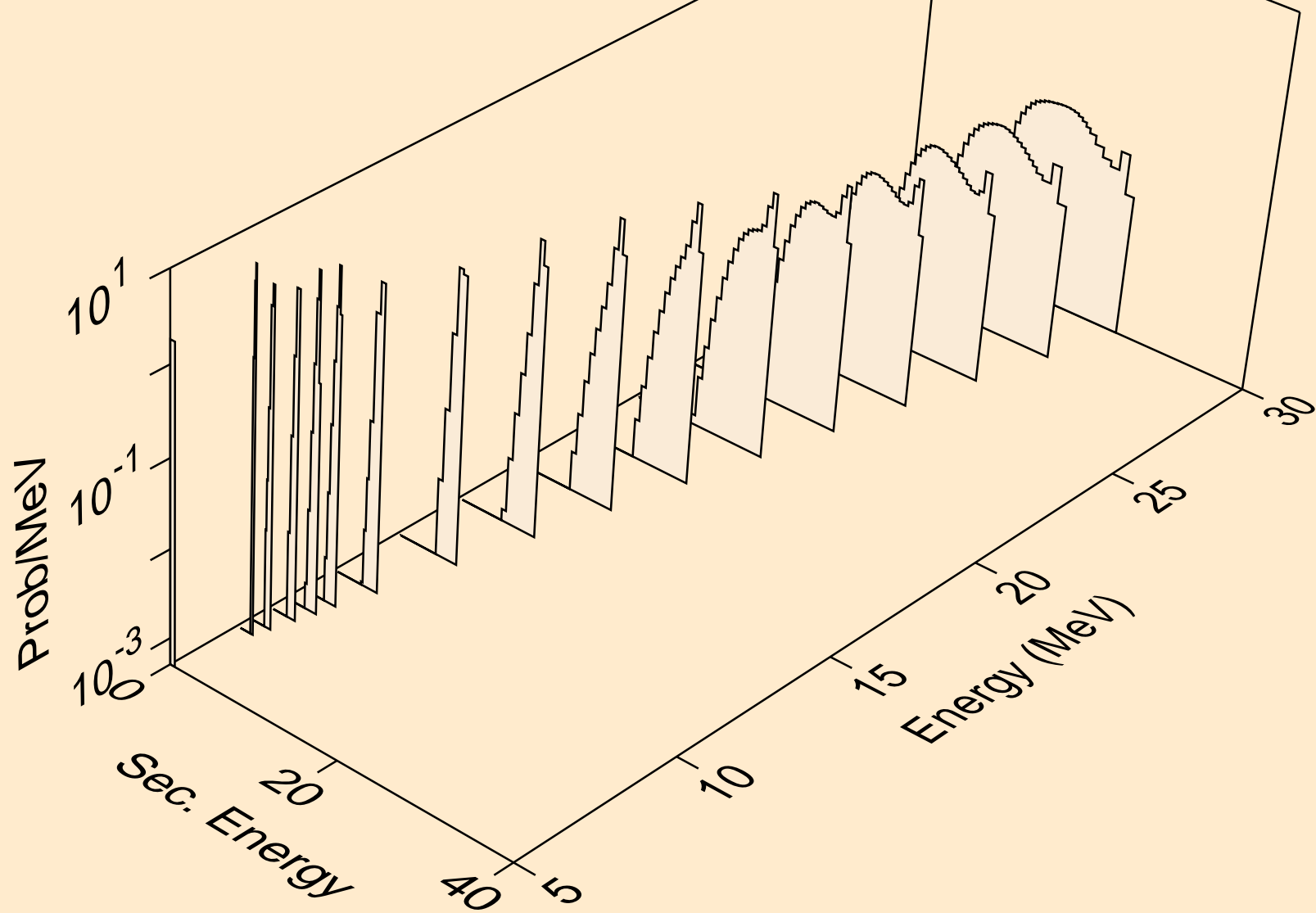
## Particle production cross sections



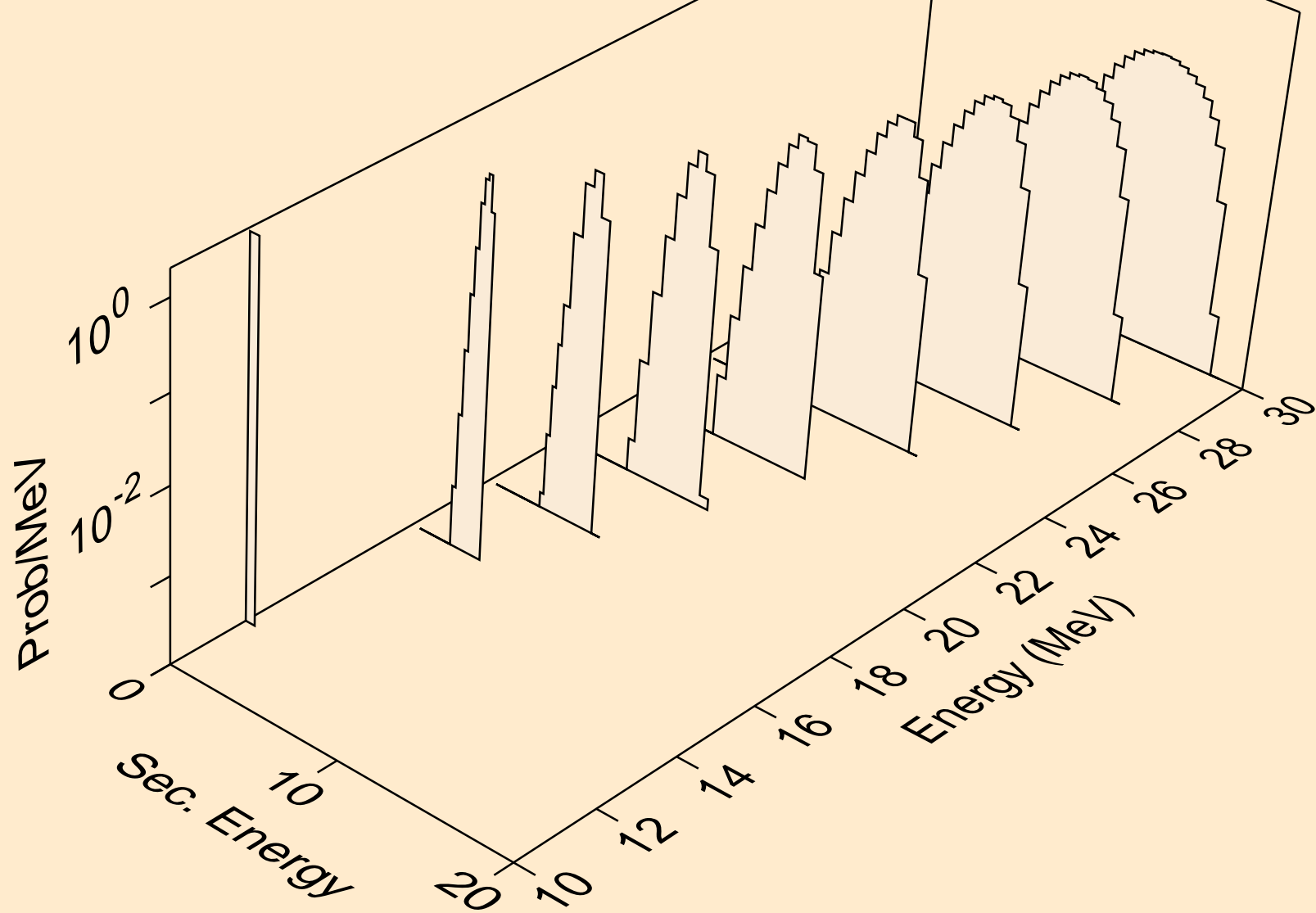
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



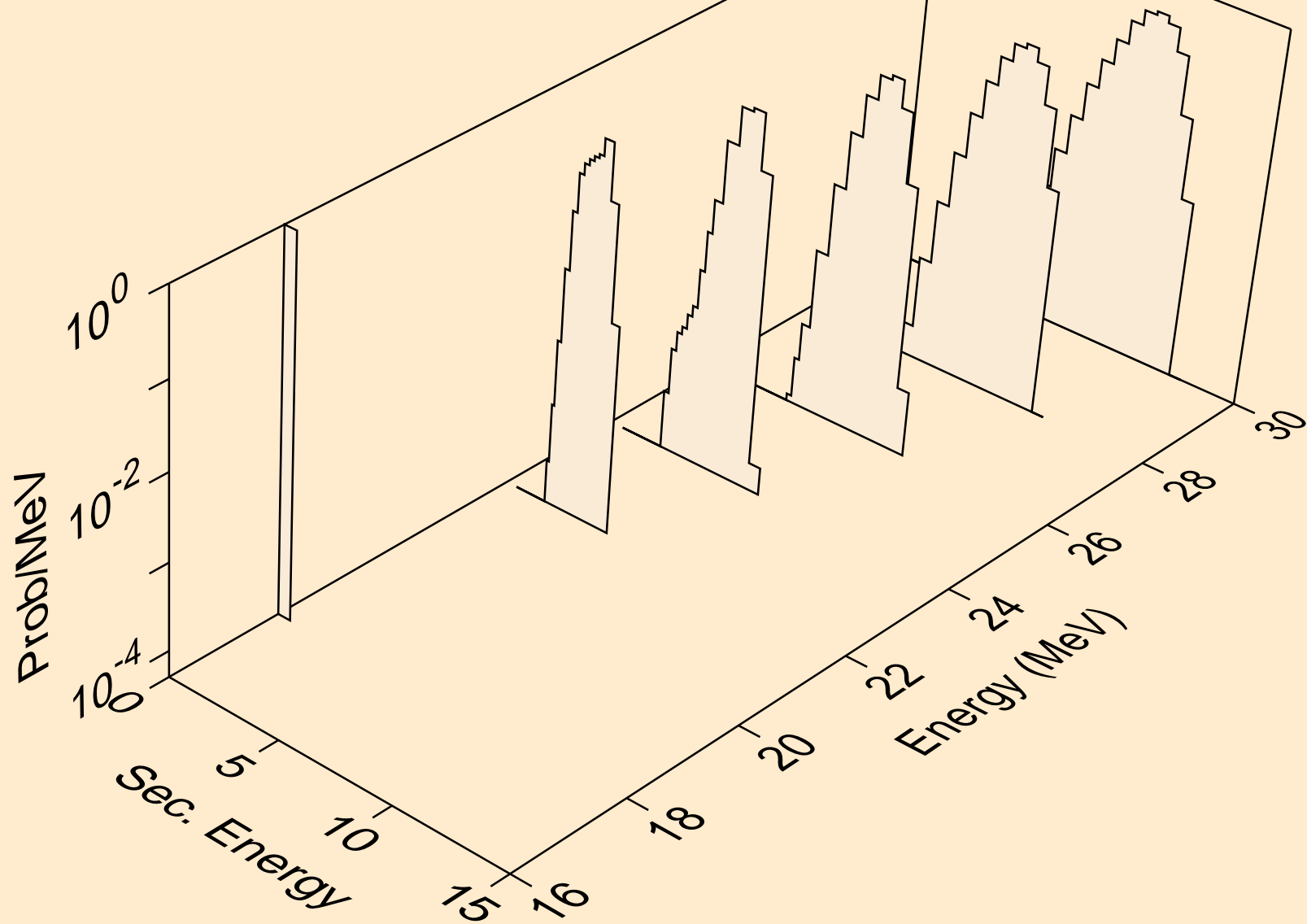
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



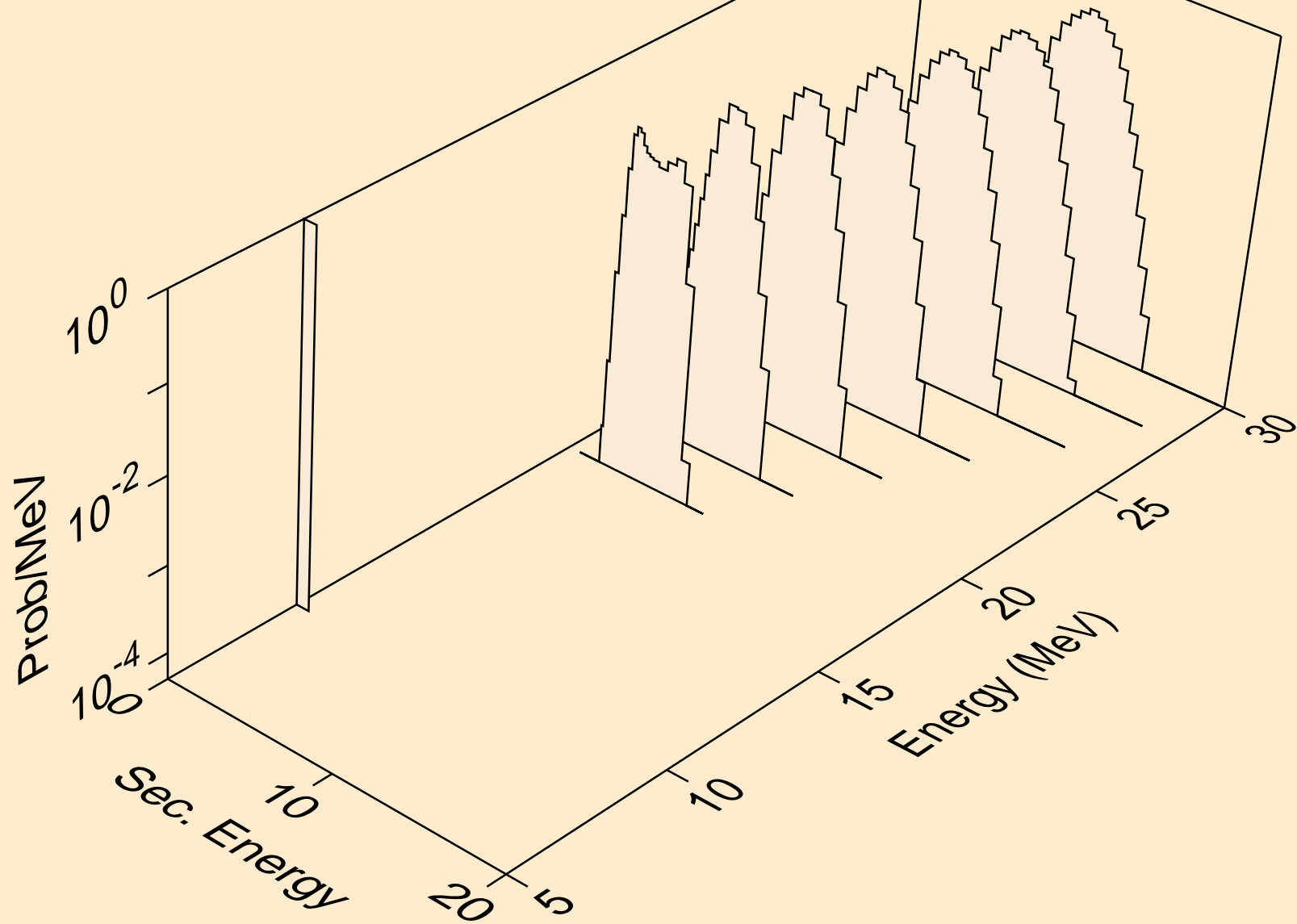
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protons from (n,2np)



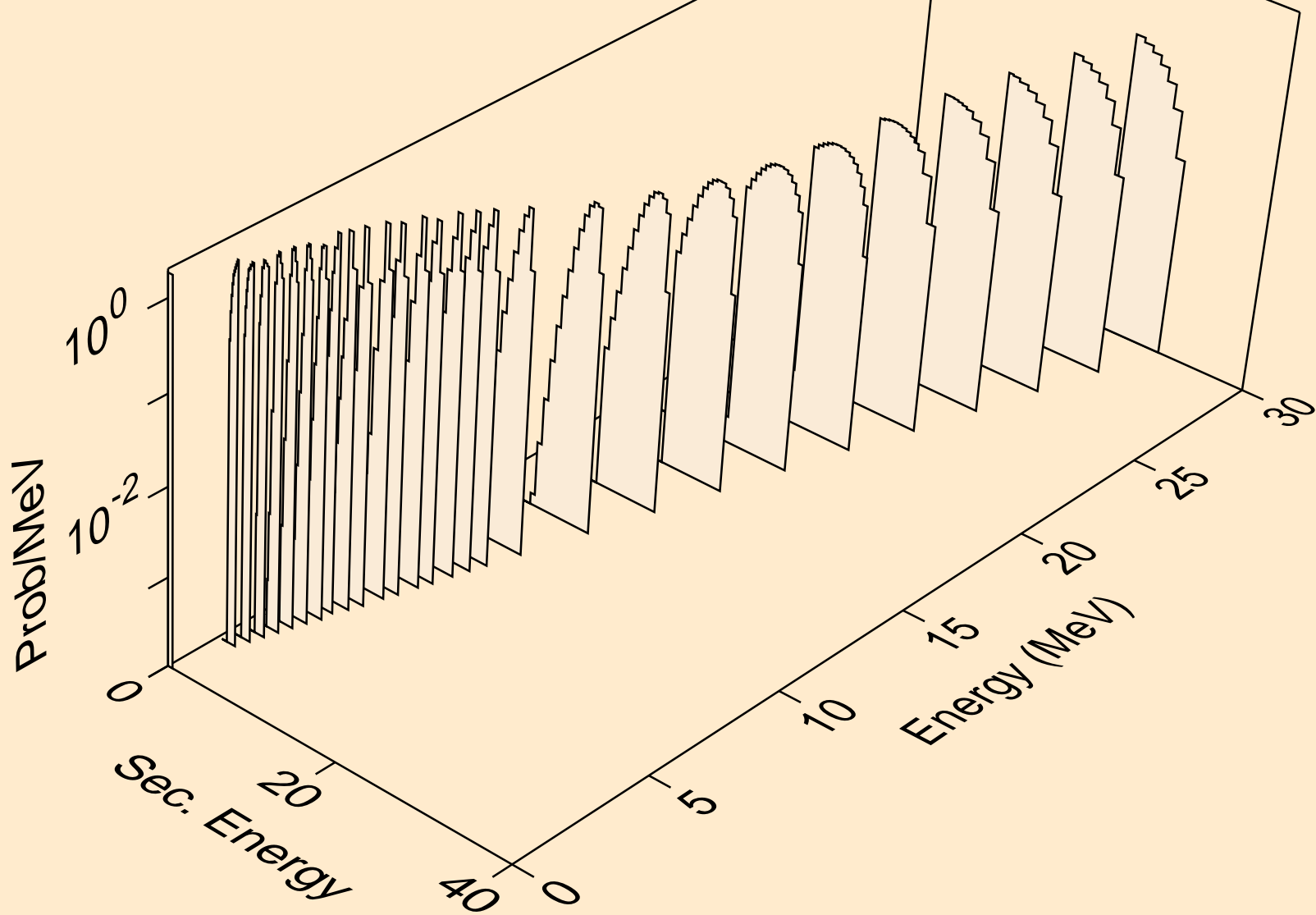
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protons from (n,3np)



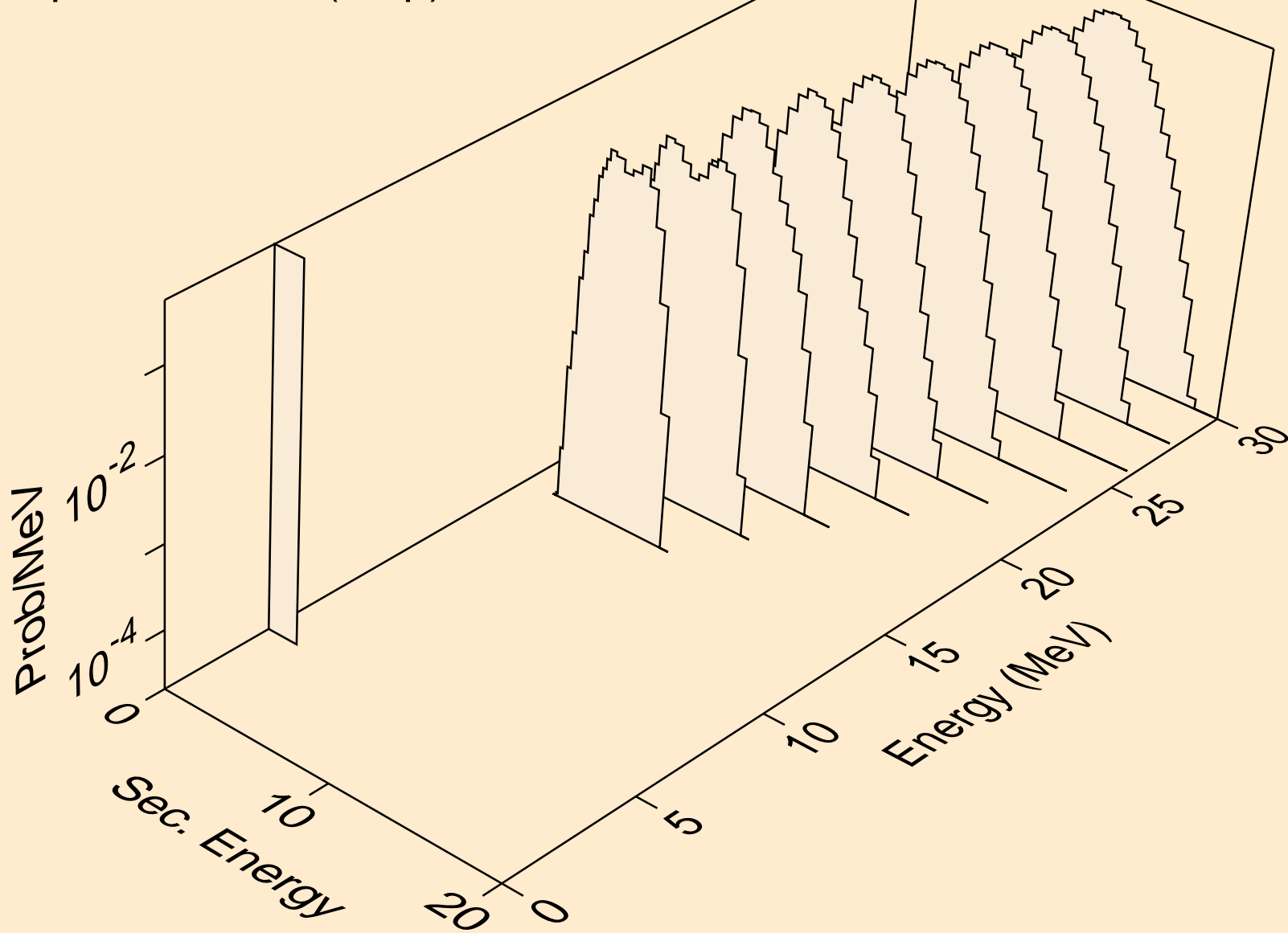
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protons from (n,n2p)



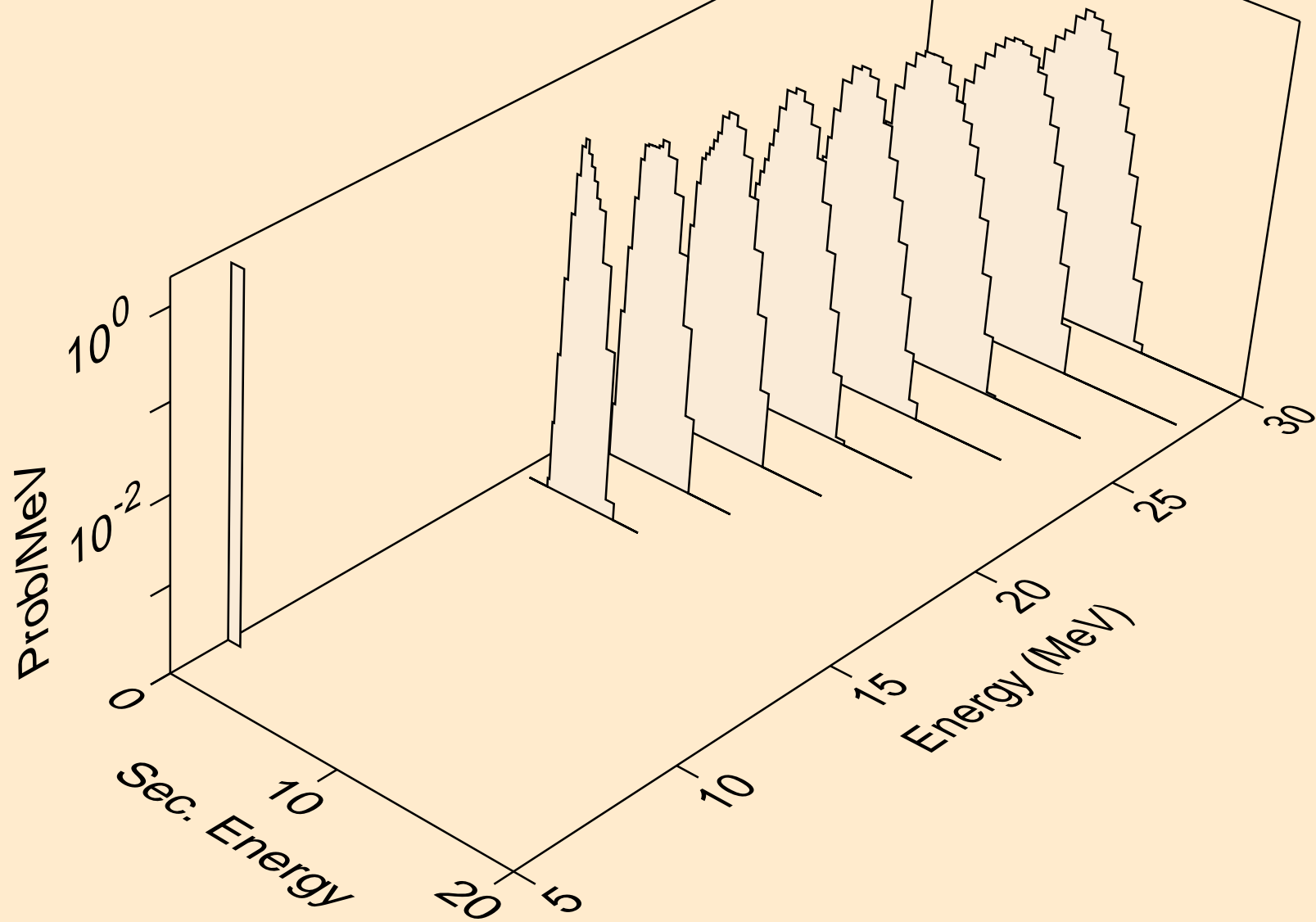
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protons from (n,p)



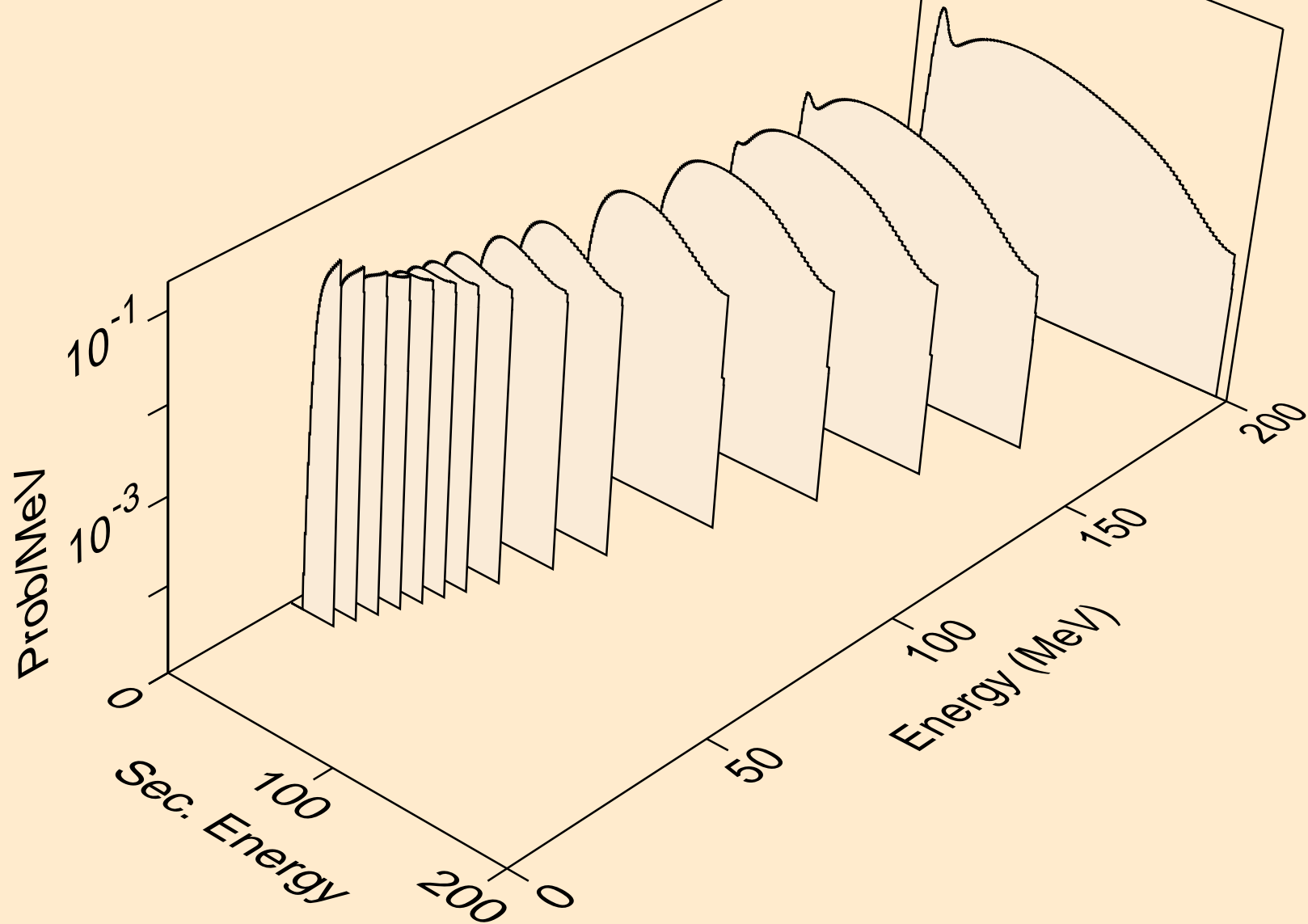
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protons from (n,2p)



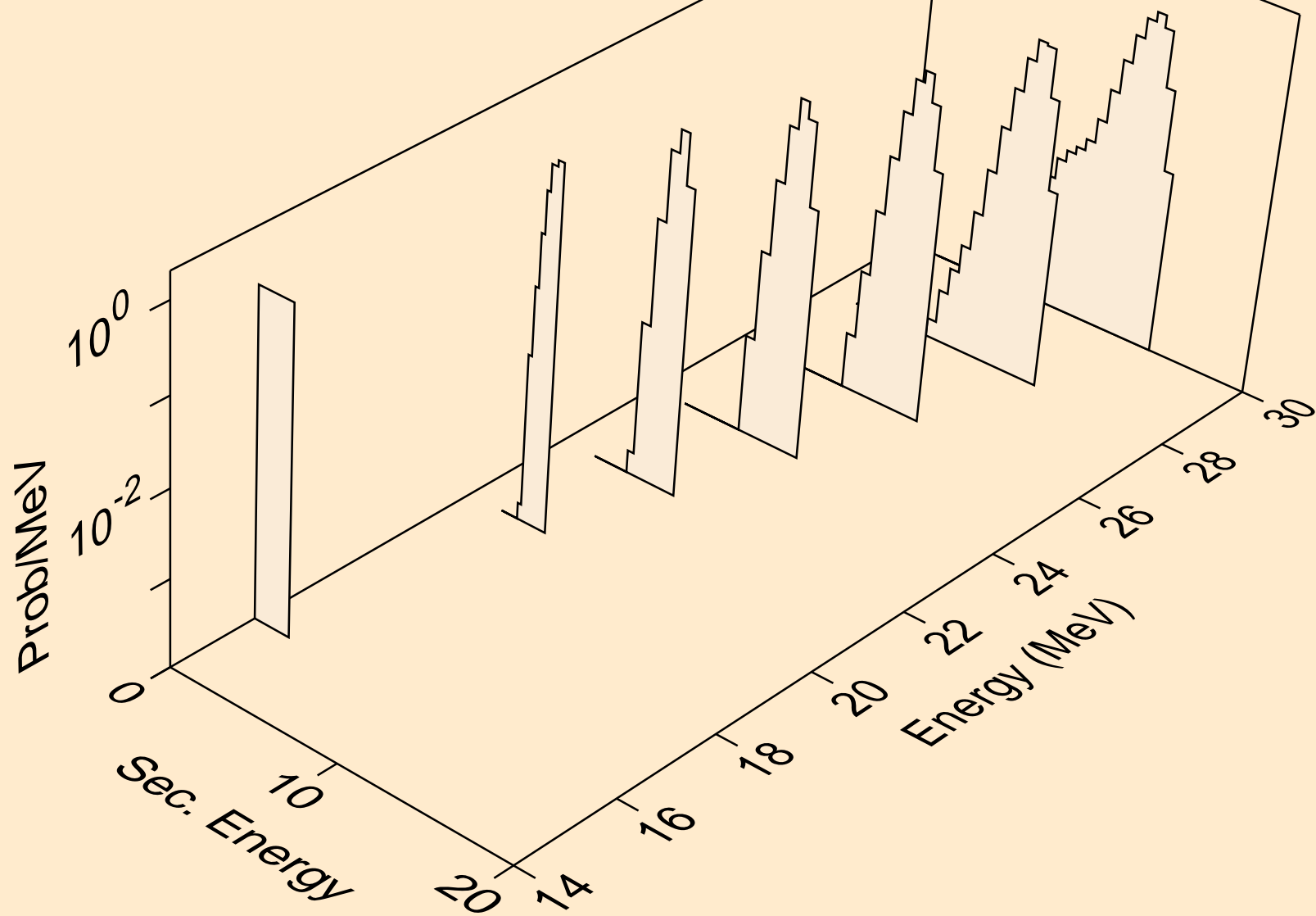
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protons from (n,pd)



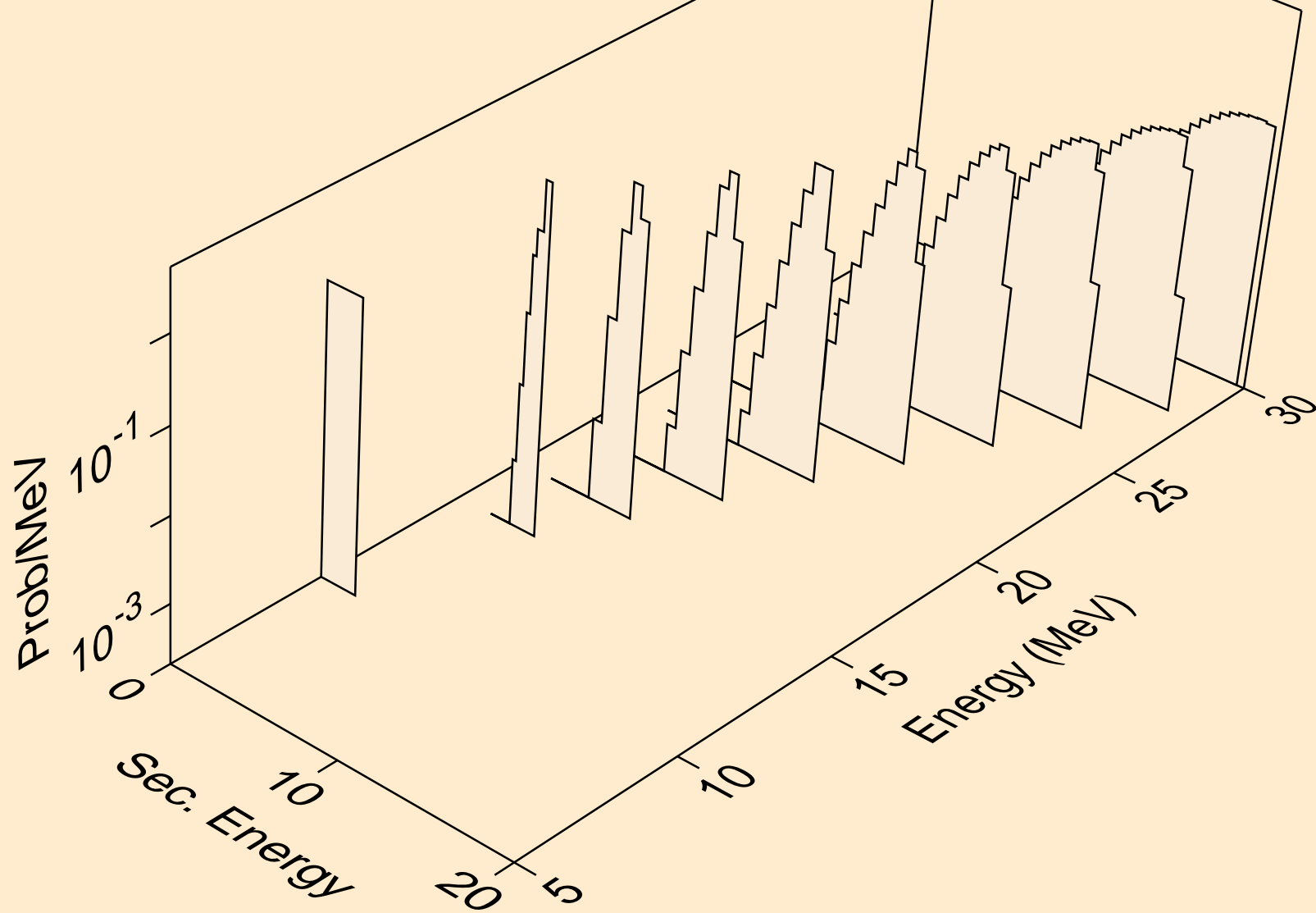
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



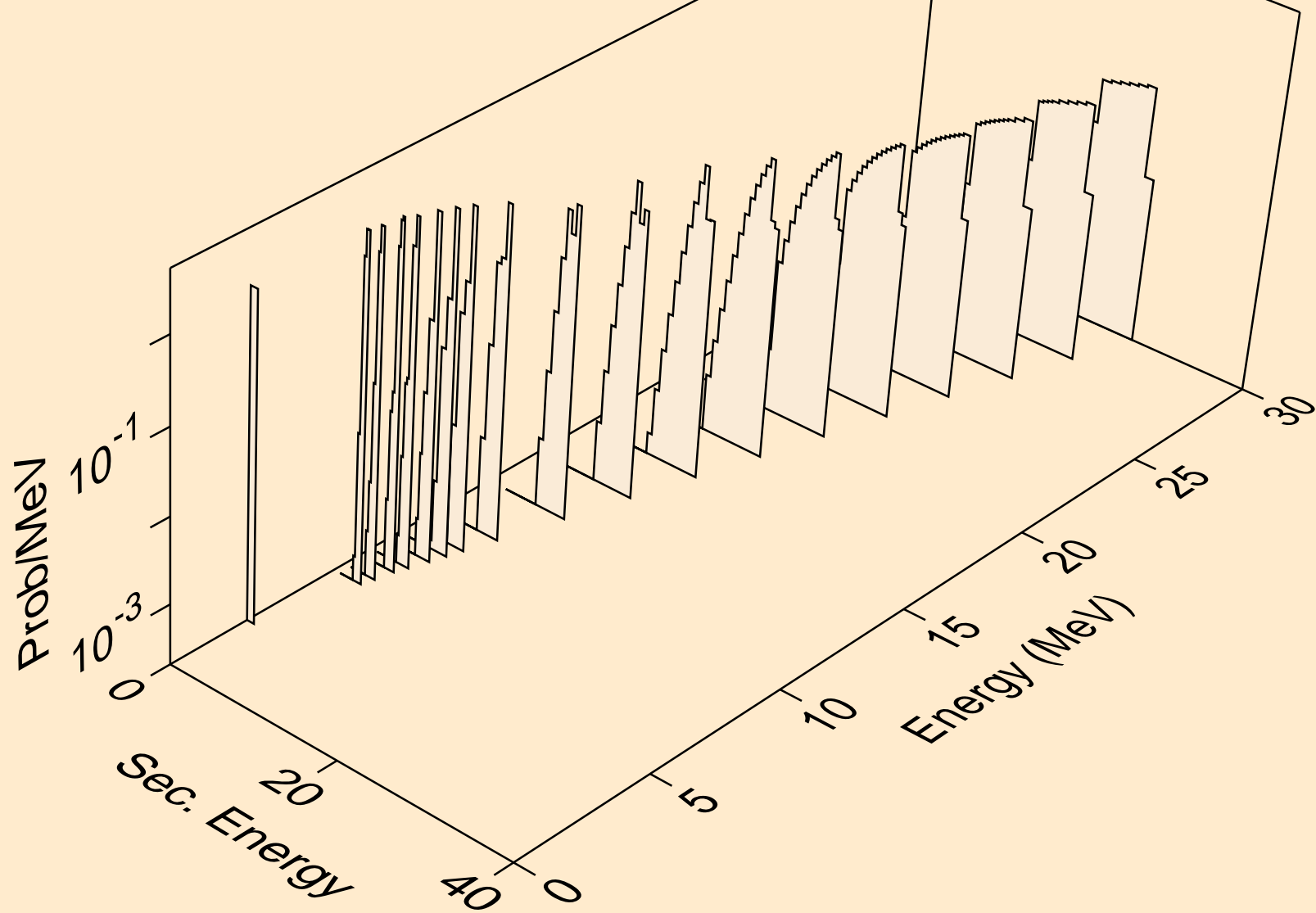
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deuterons from (n,2nd)



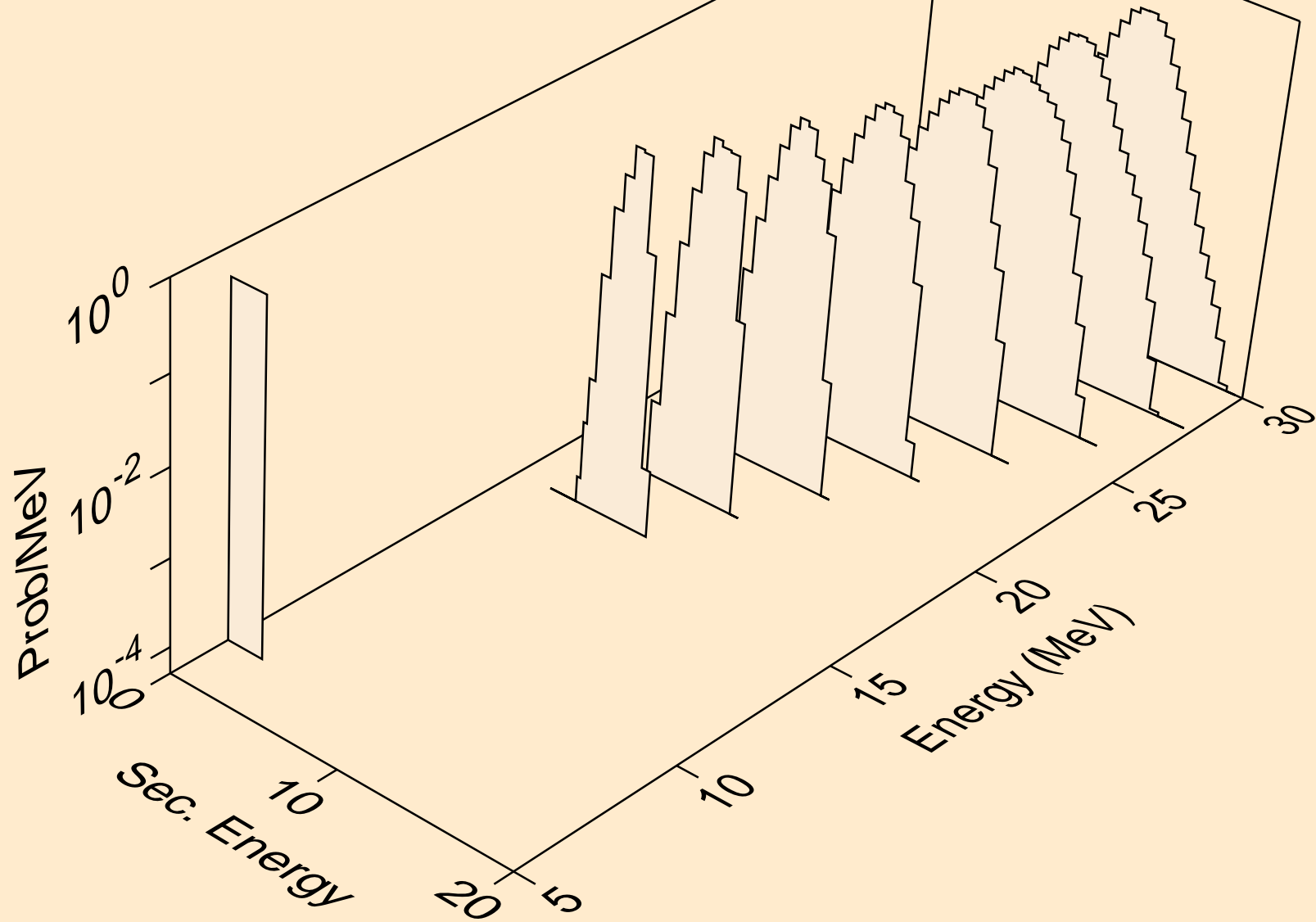
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deuterons from (n,n\*)d



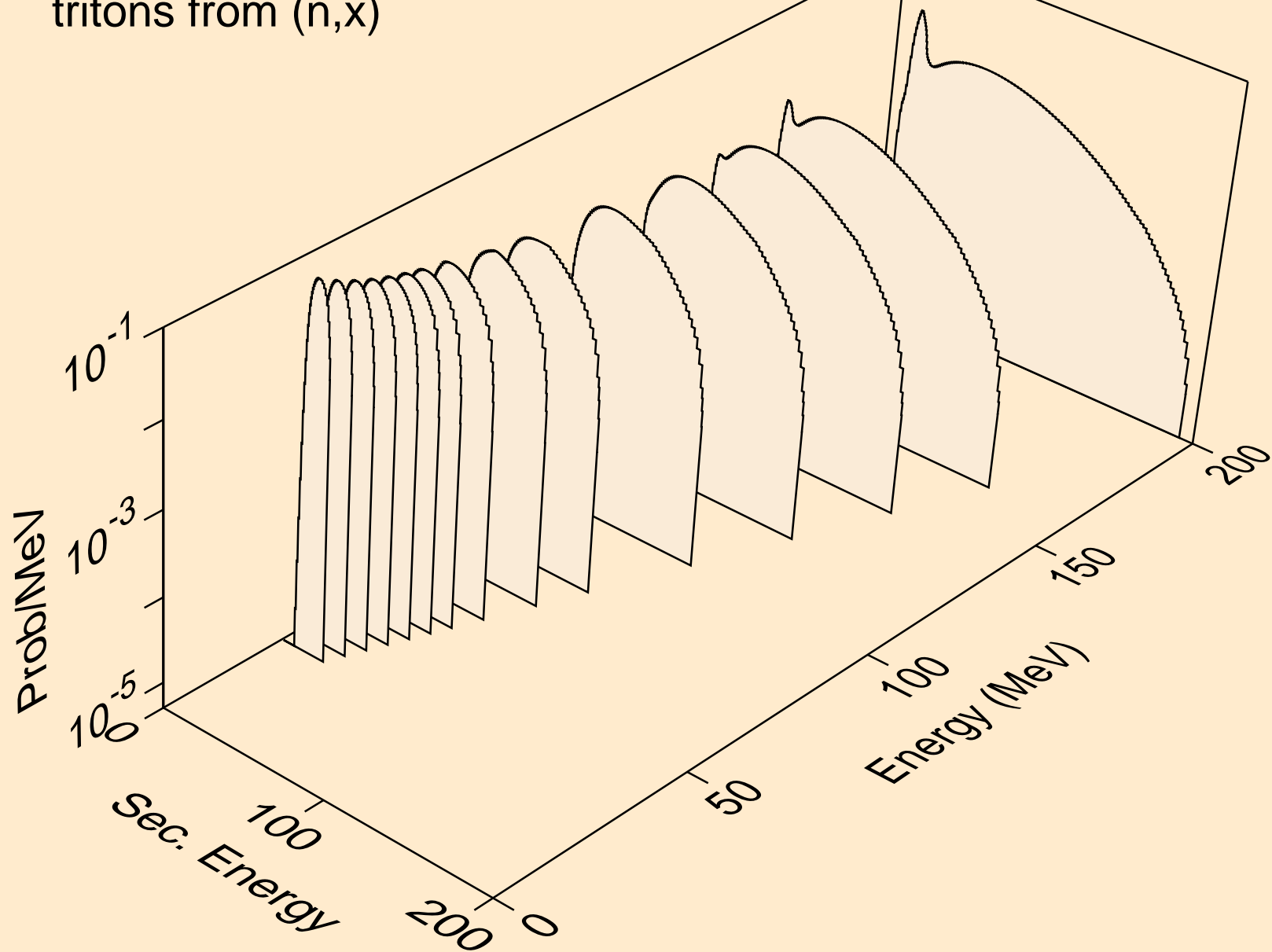
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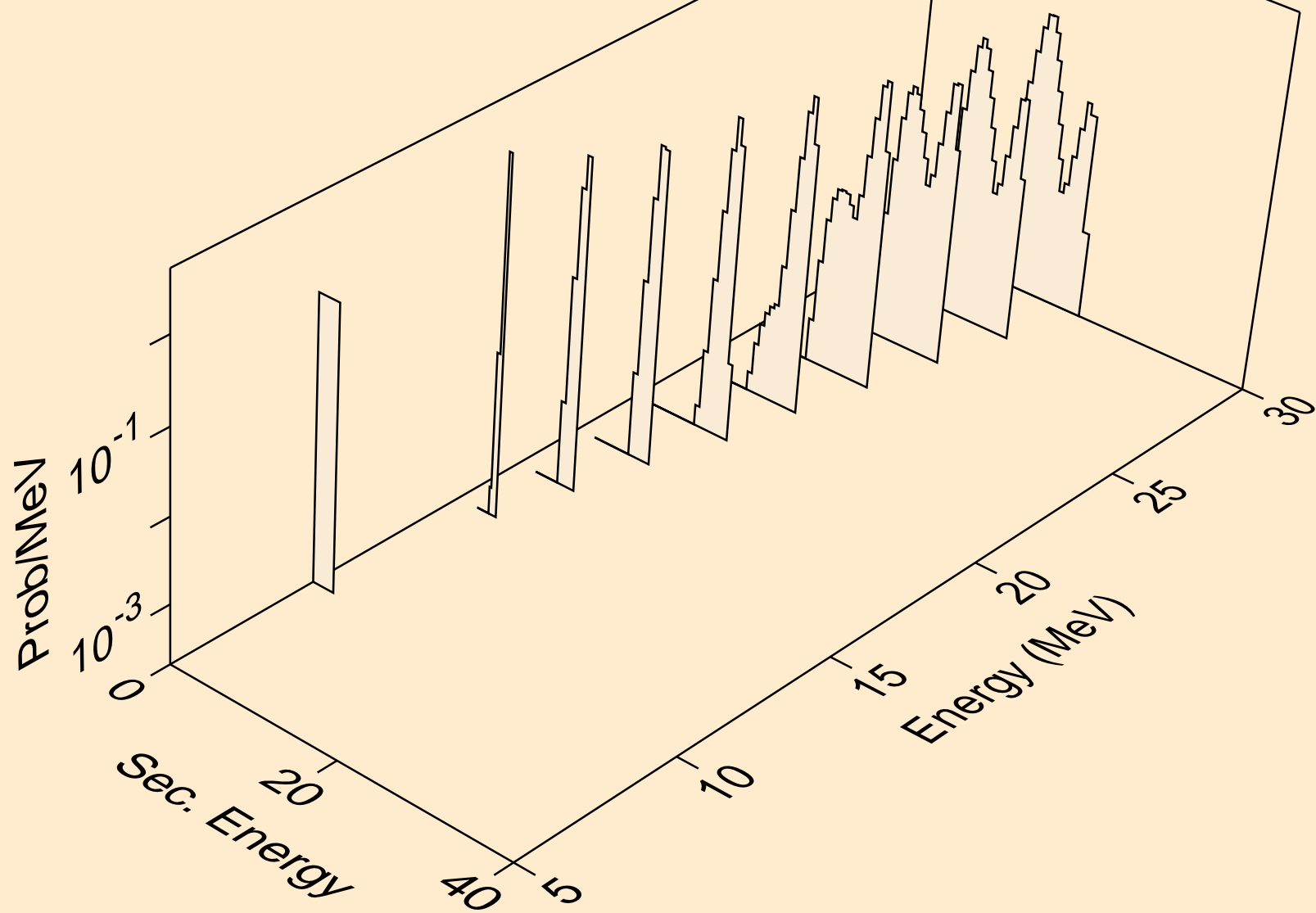
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deuterons from (n,pd)



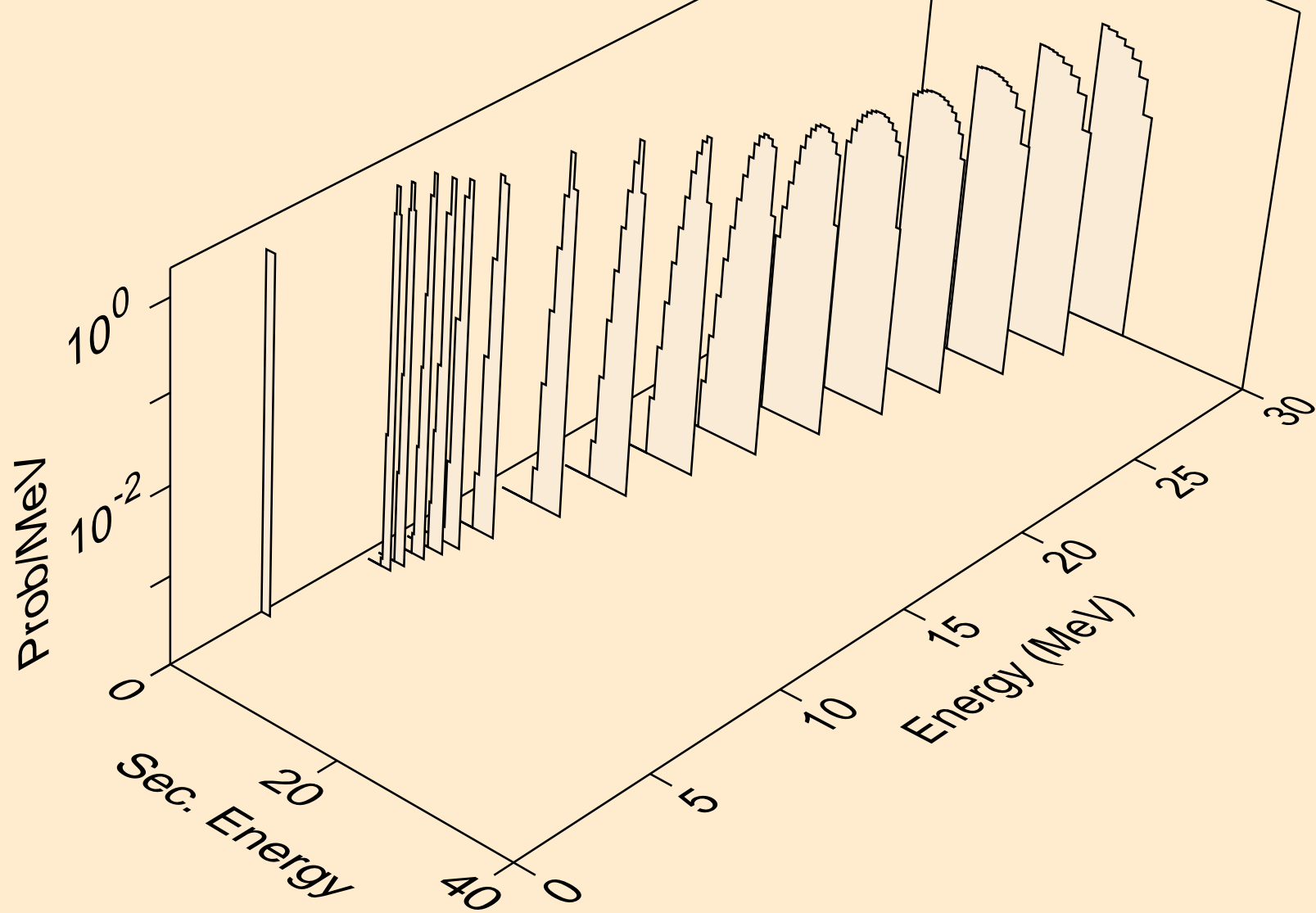
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tritons from (n,x)



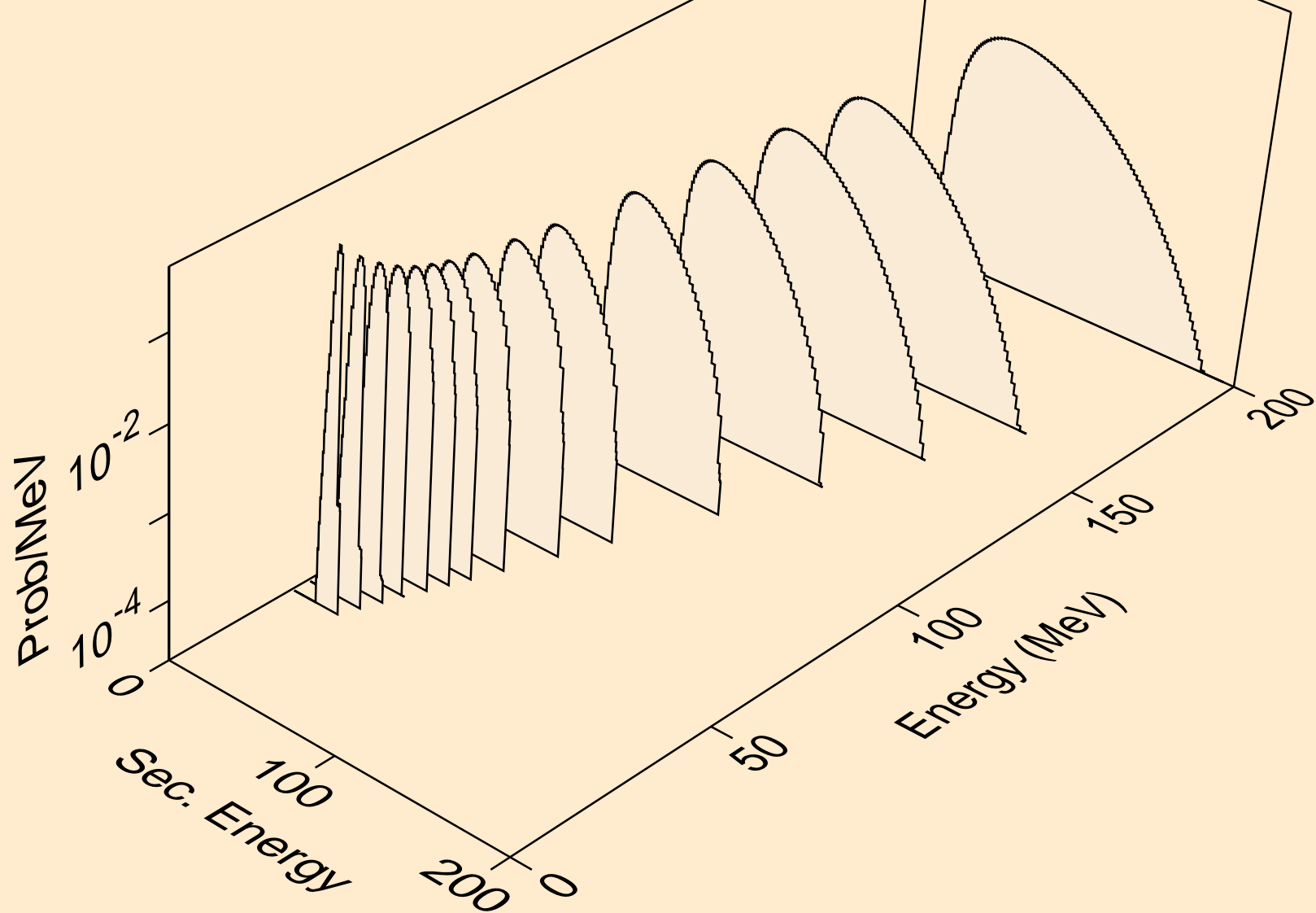
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tritons from (n,n\*)t



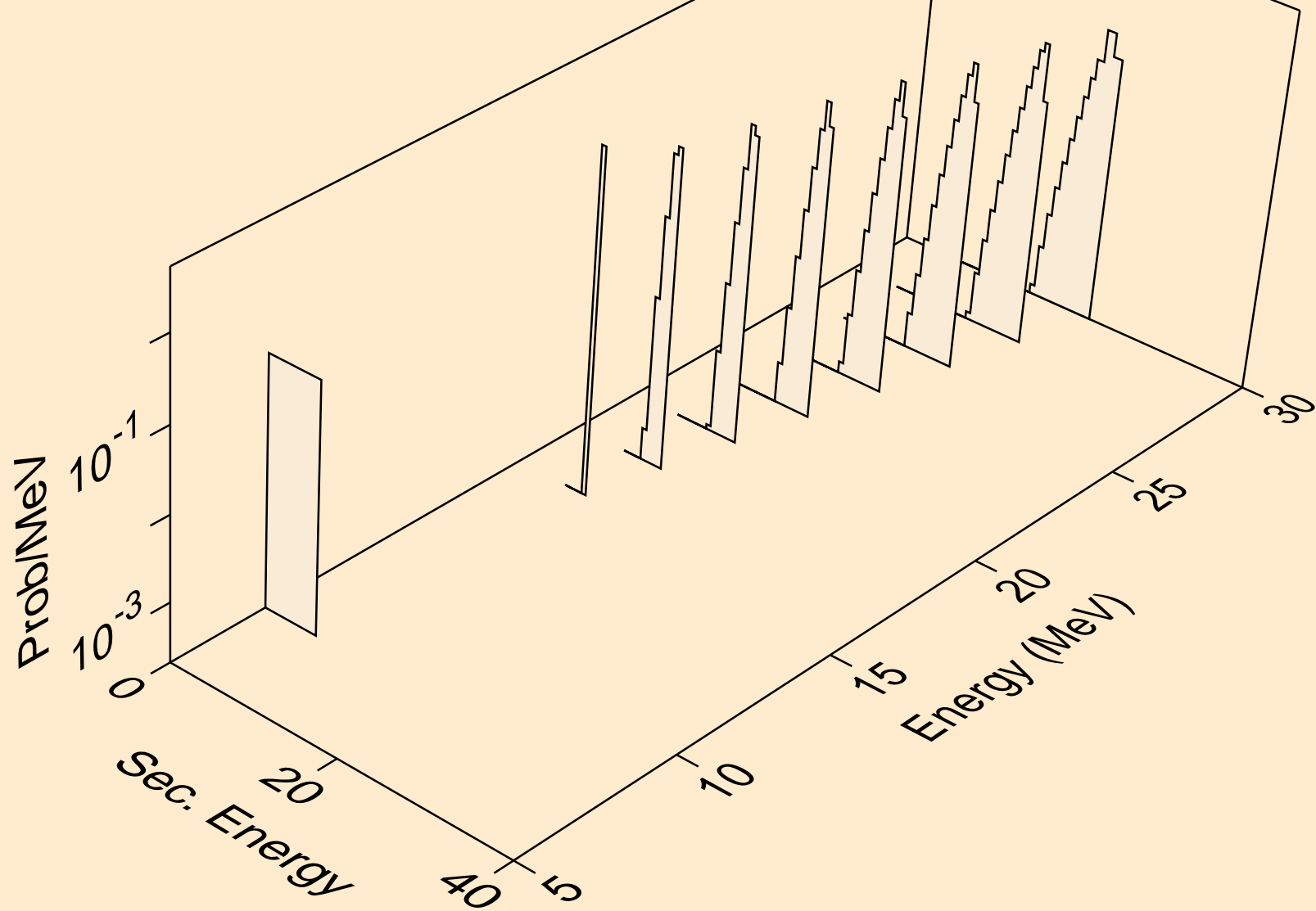
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tritons from (n,t)



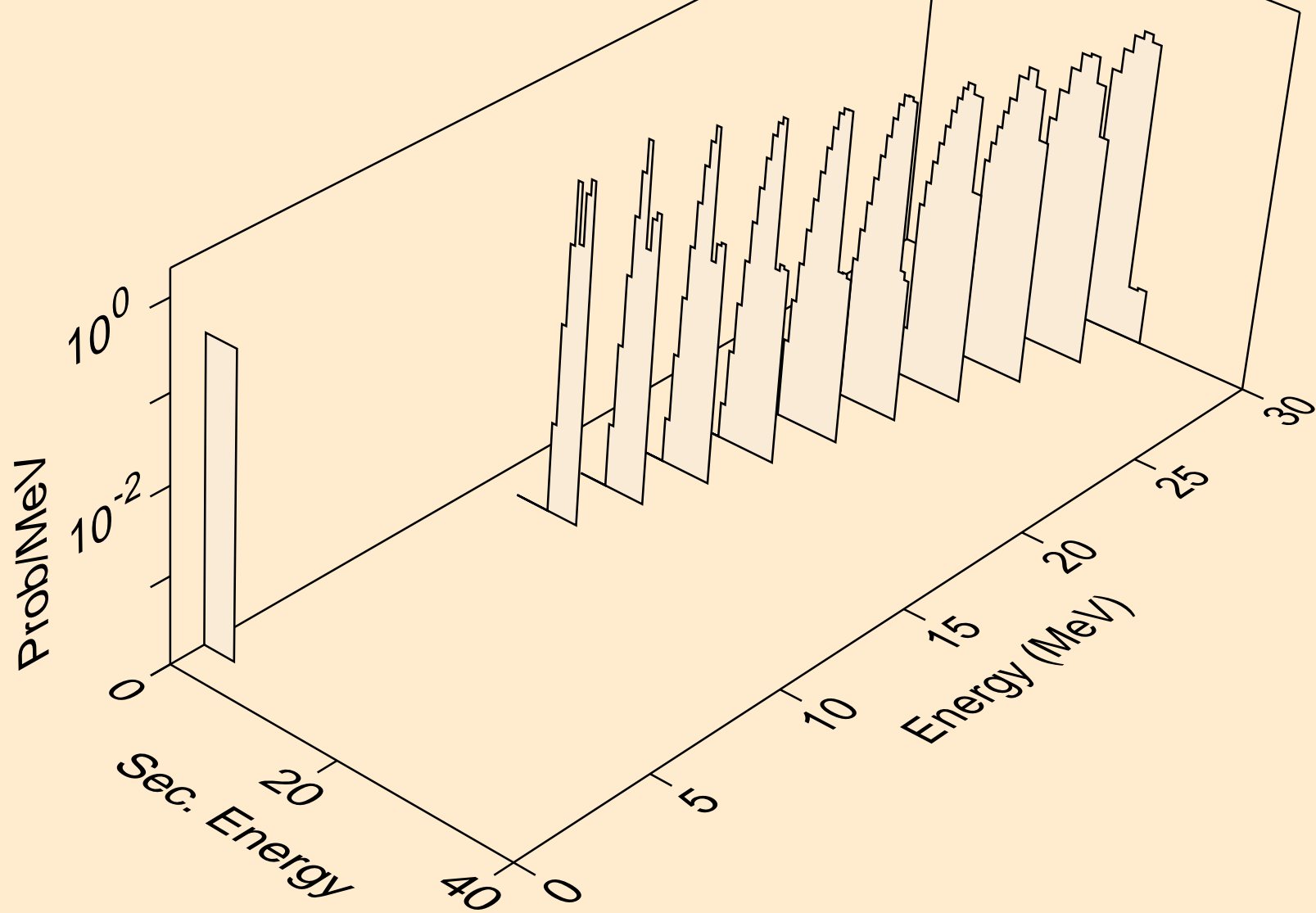
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



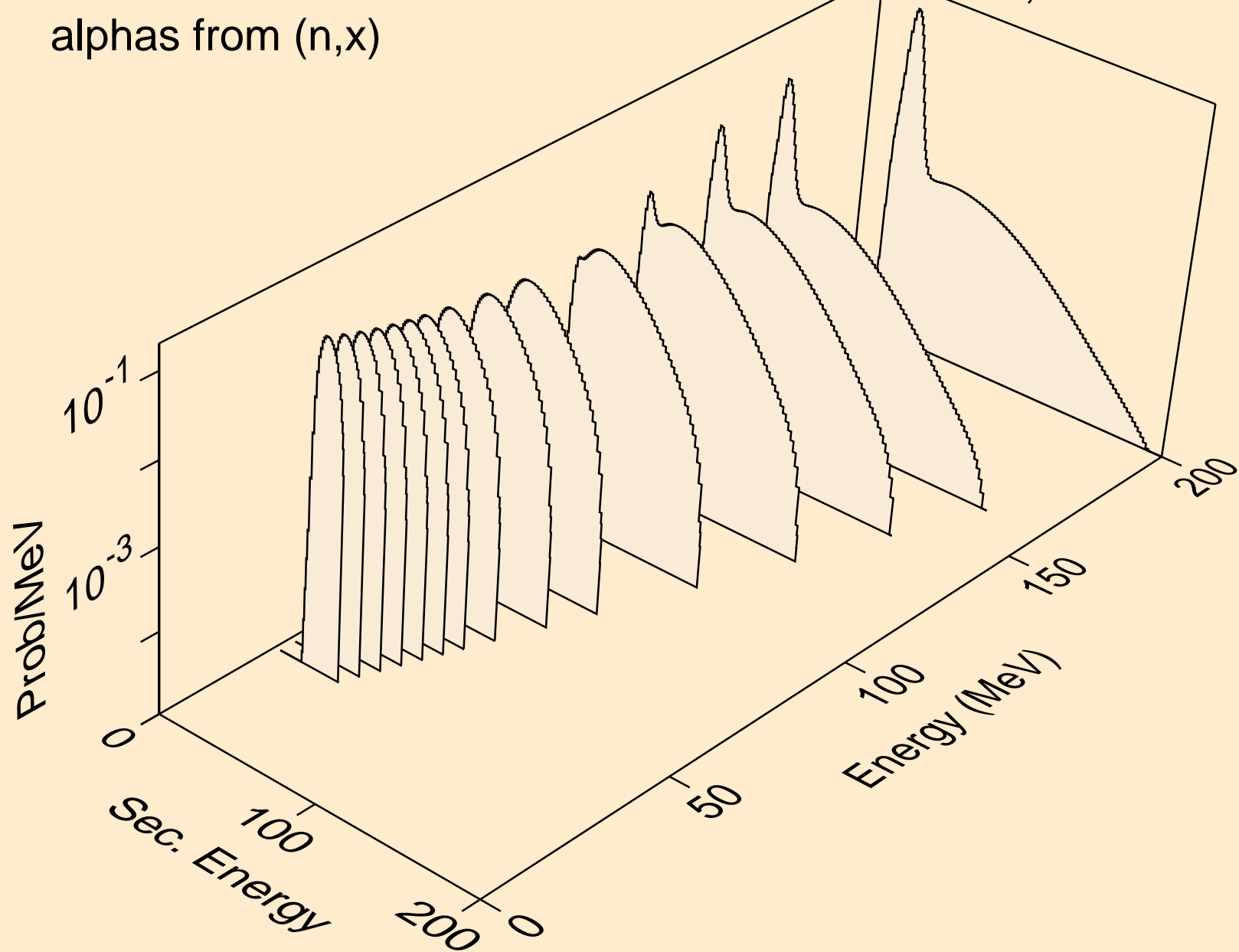
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he3s from (n,n\*)he3



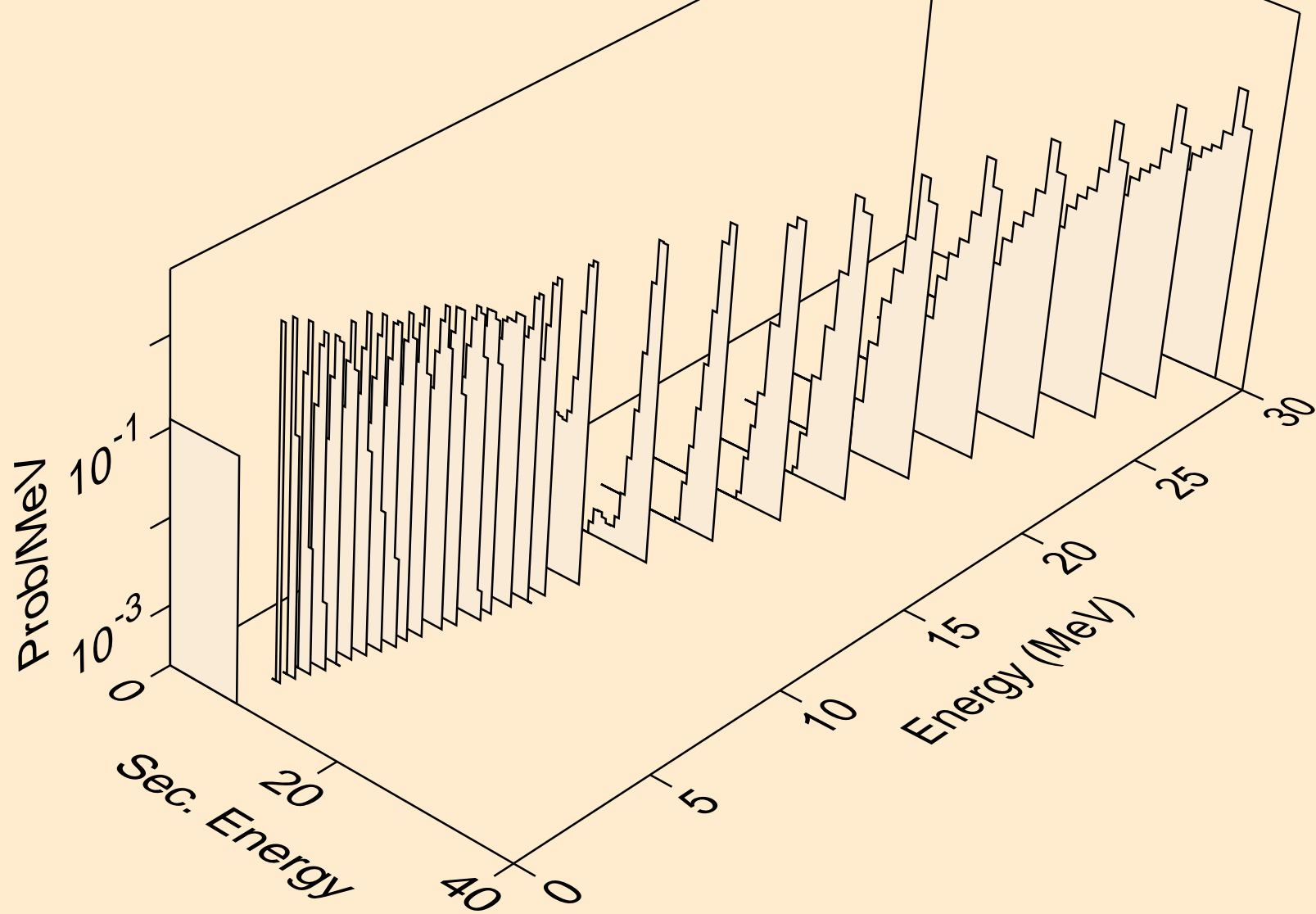
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)



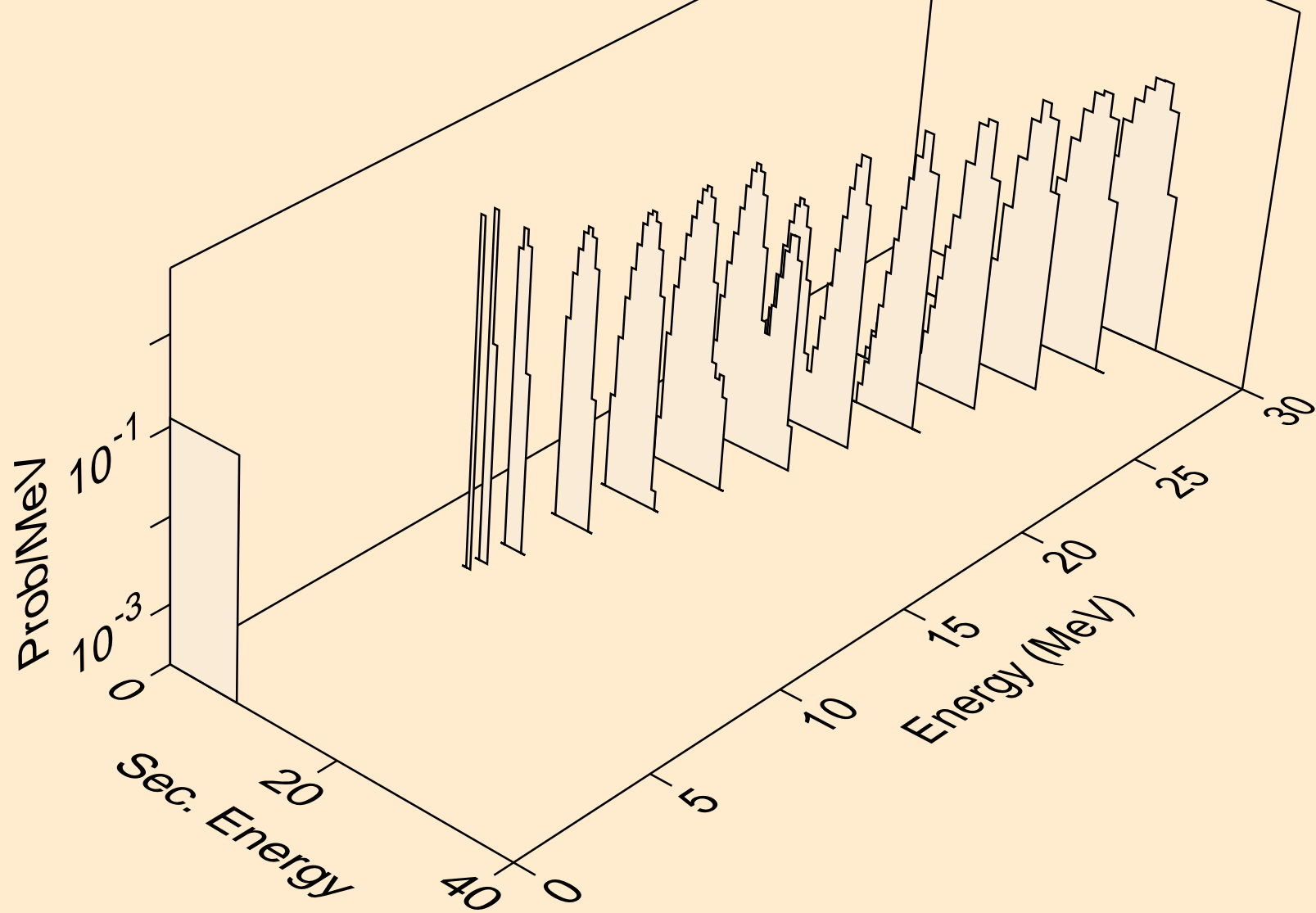
FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



FM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

