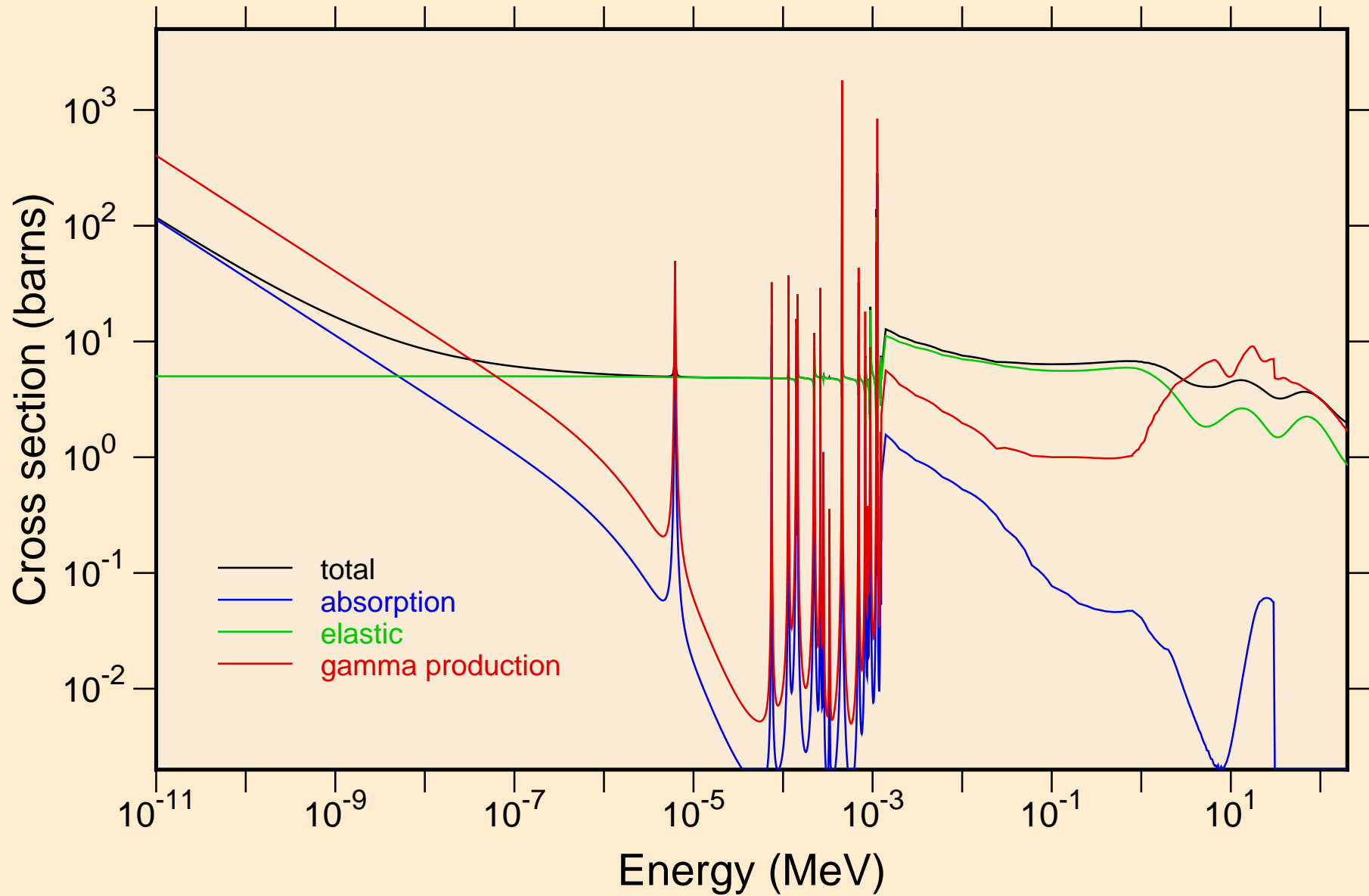
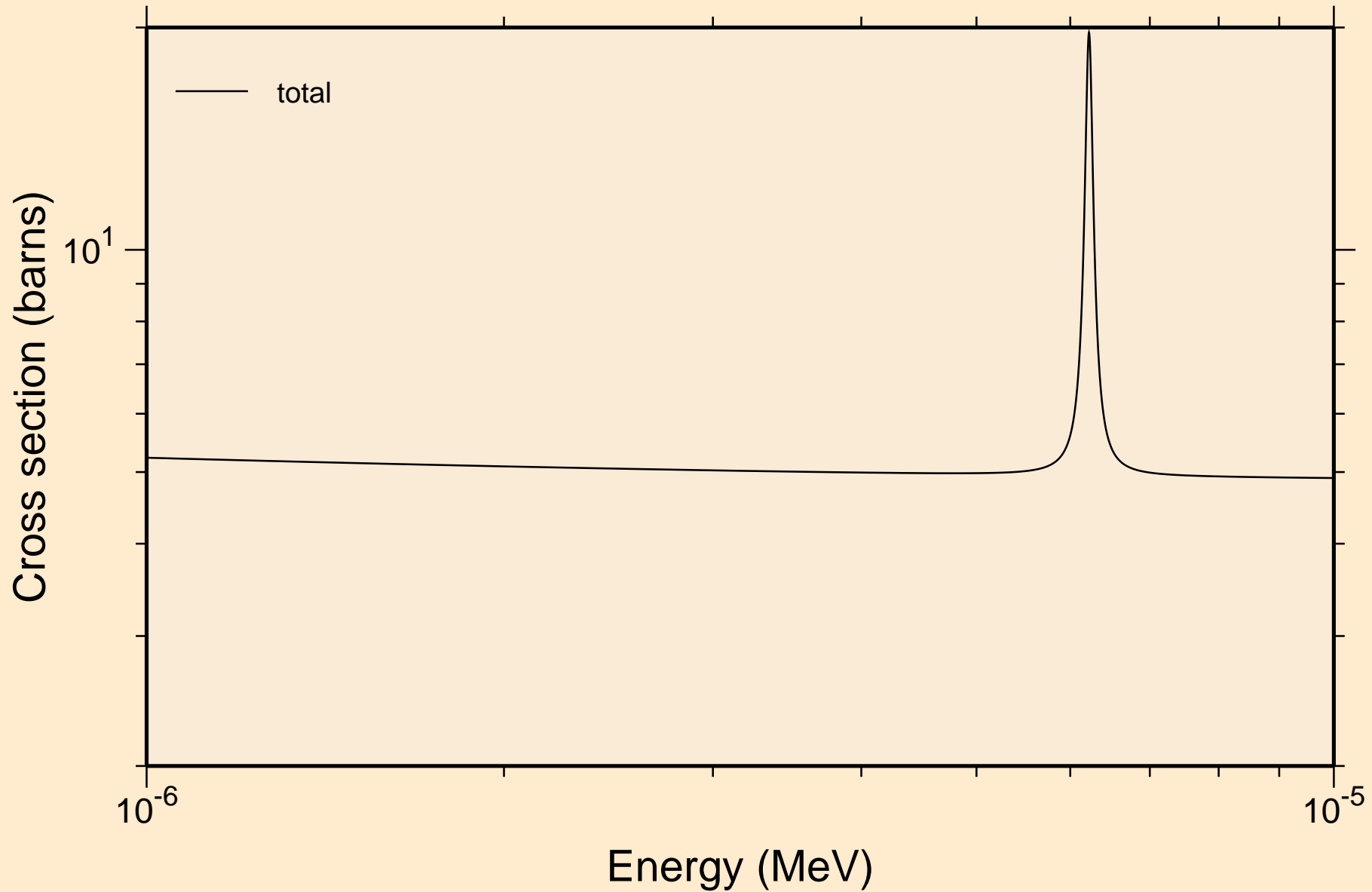


# SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

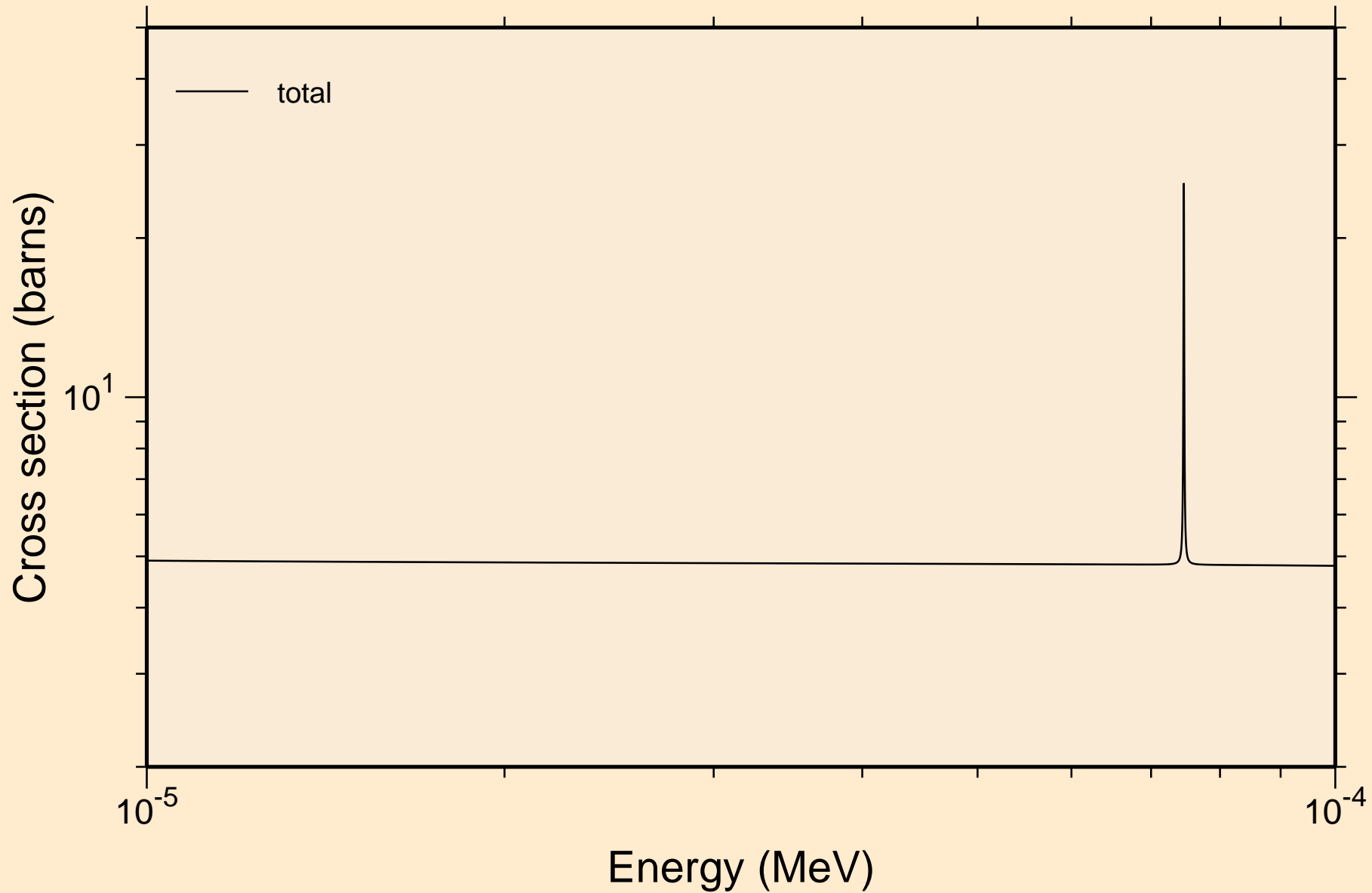
## Principal cross sections



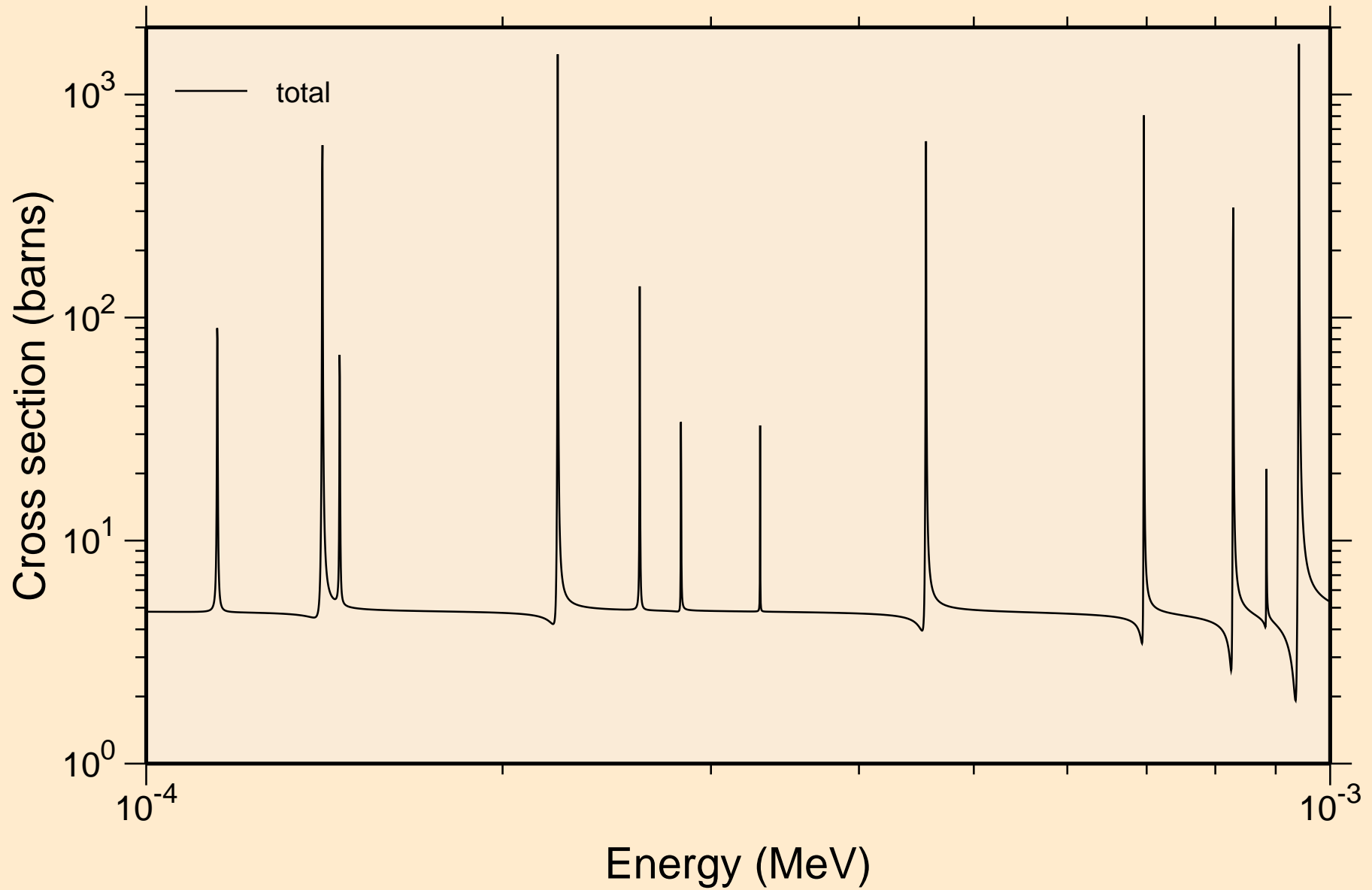
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



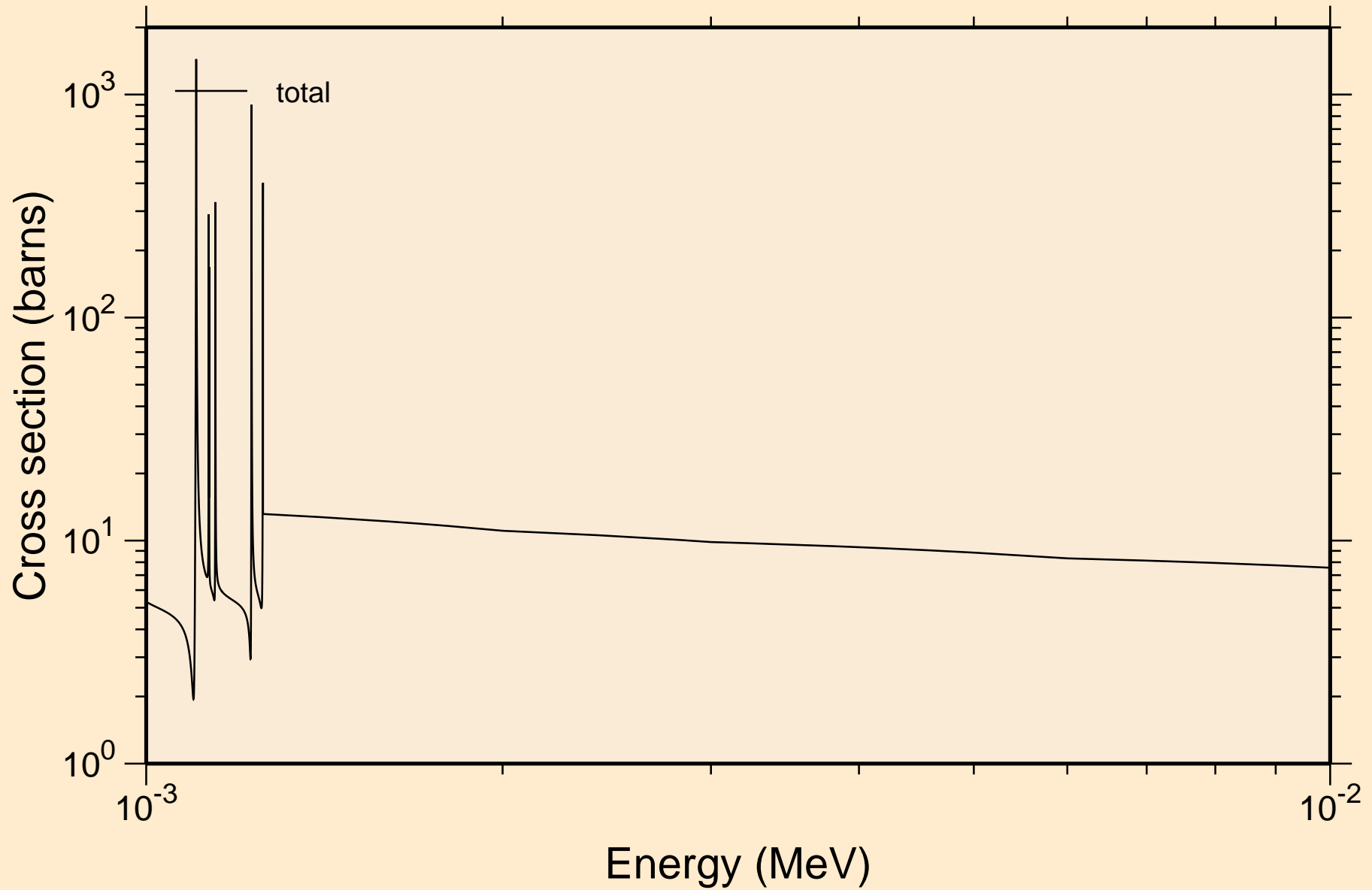
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



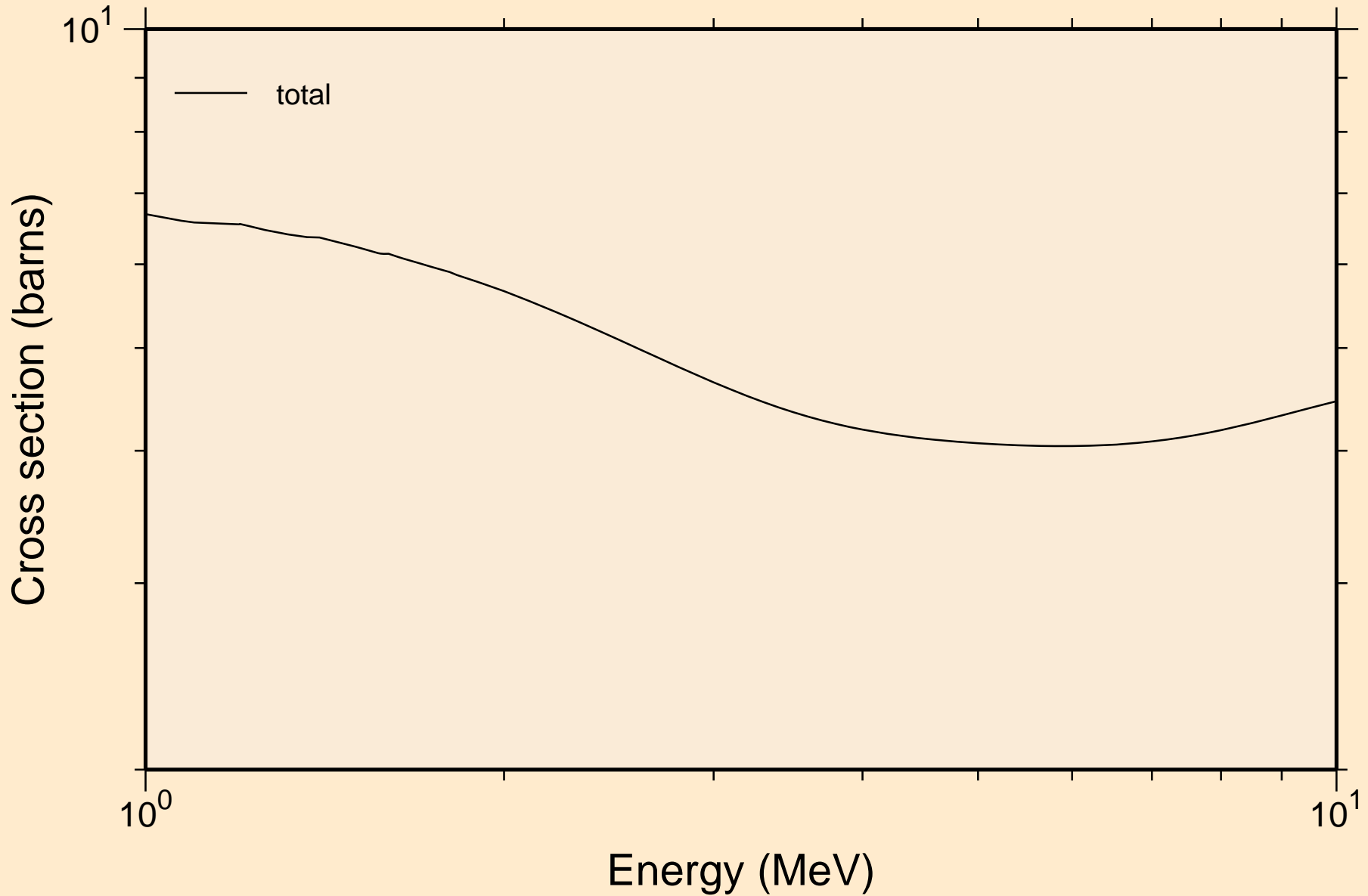
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



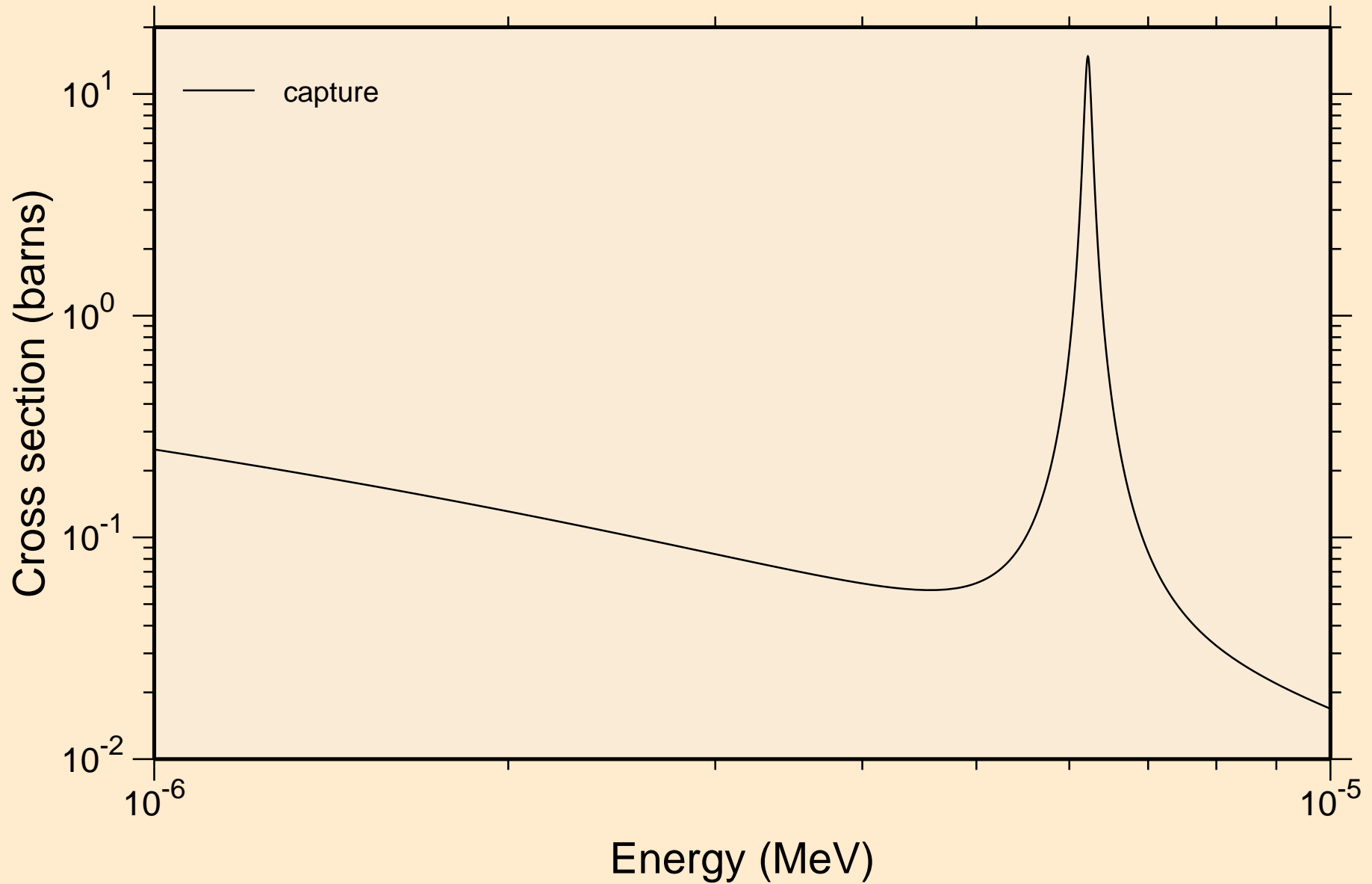
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



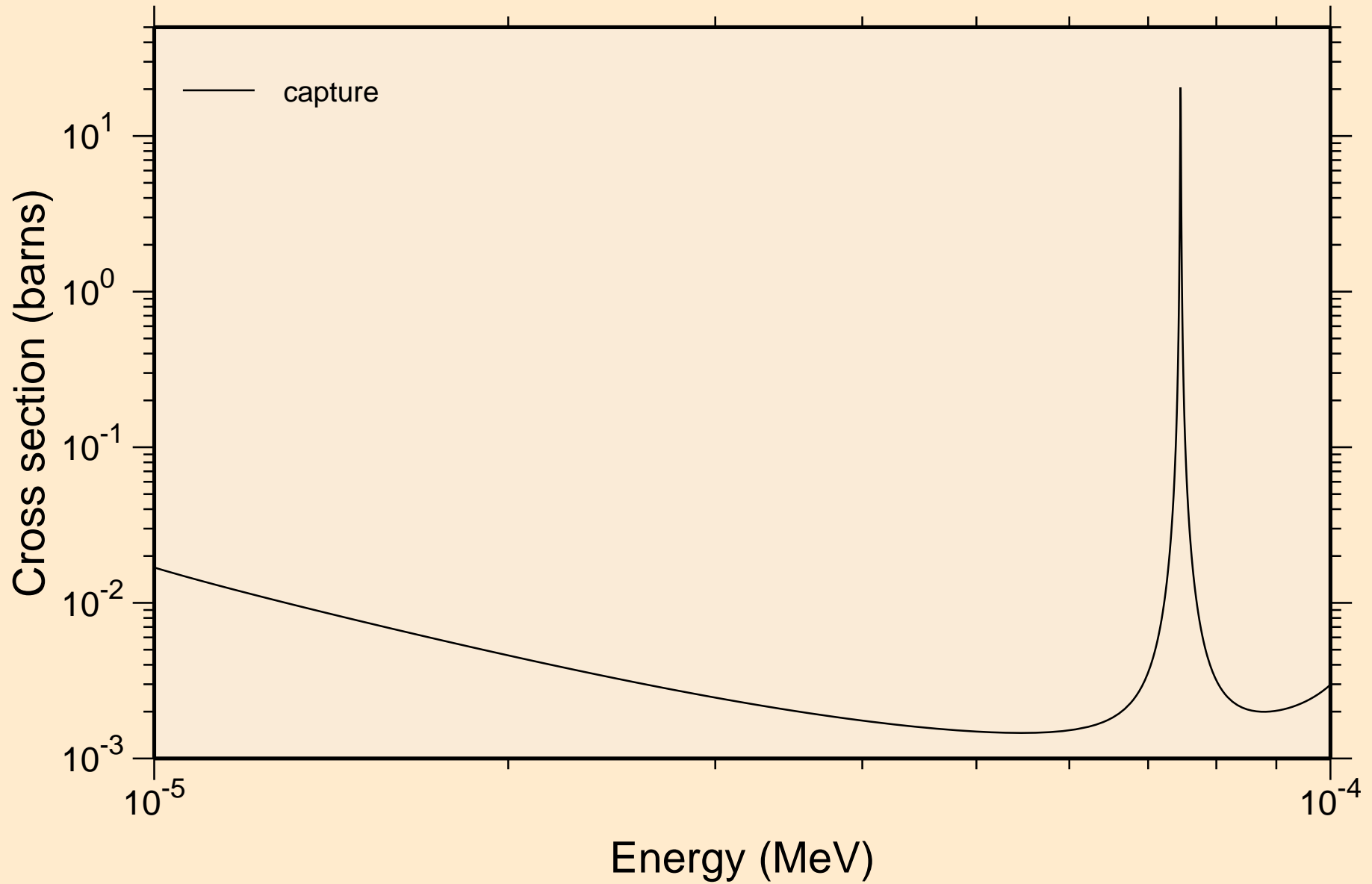
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

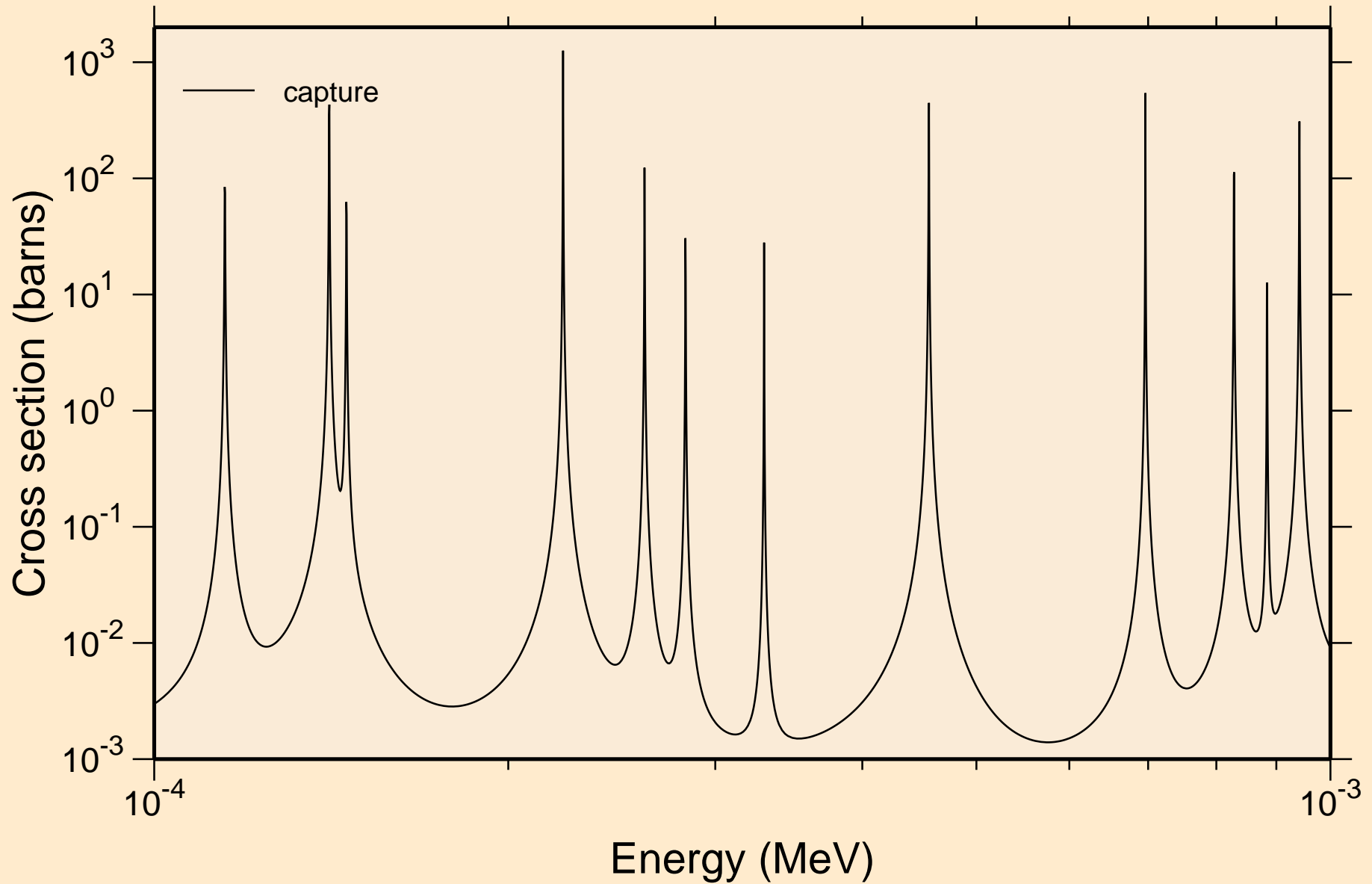


SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

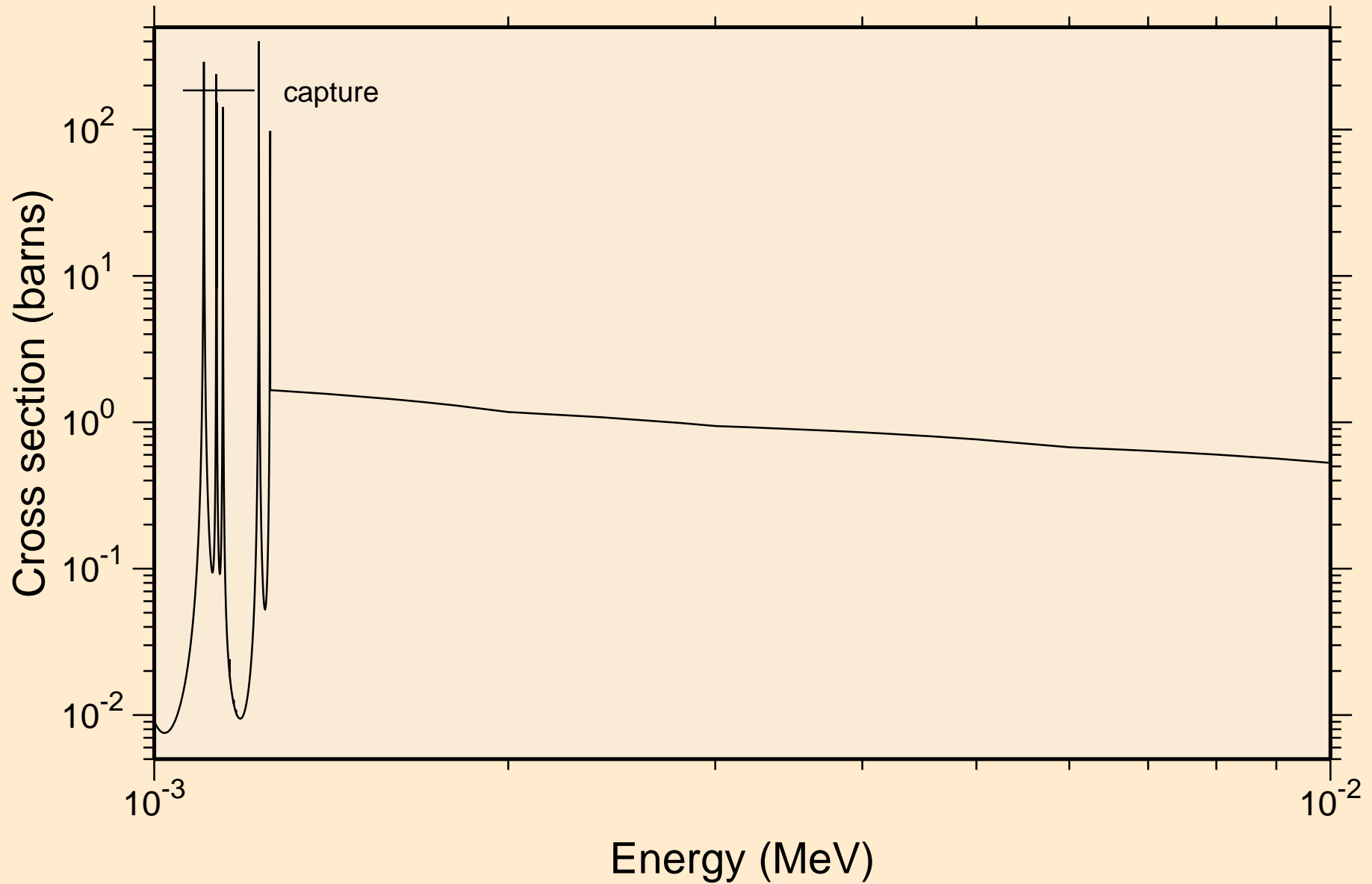




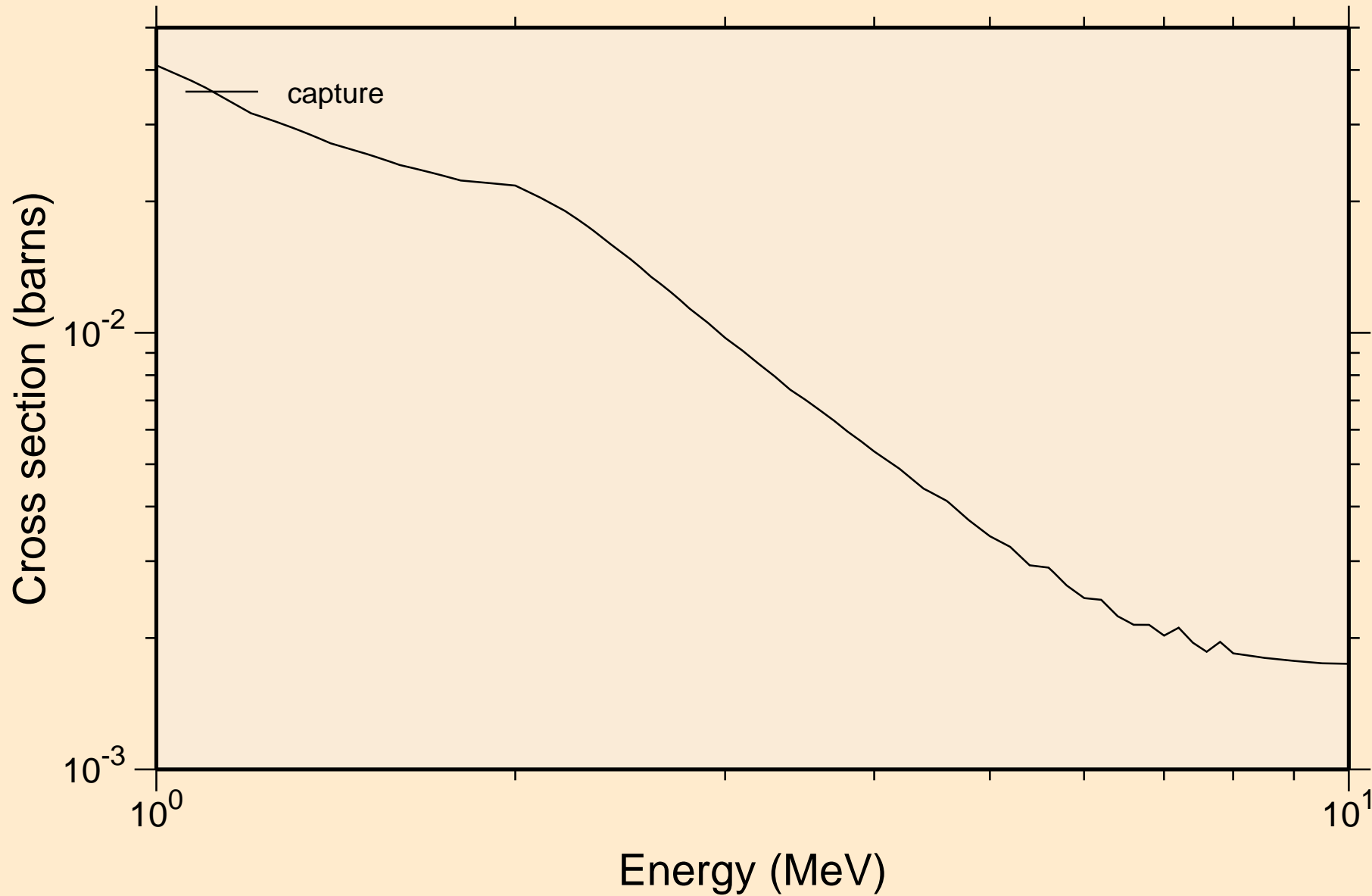
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

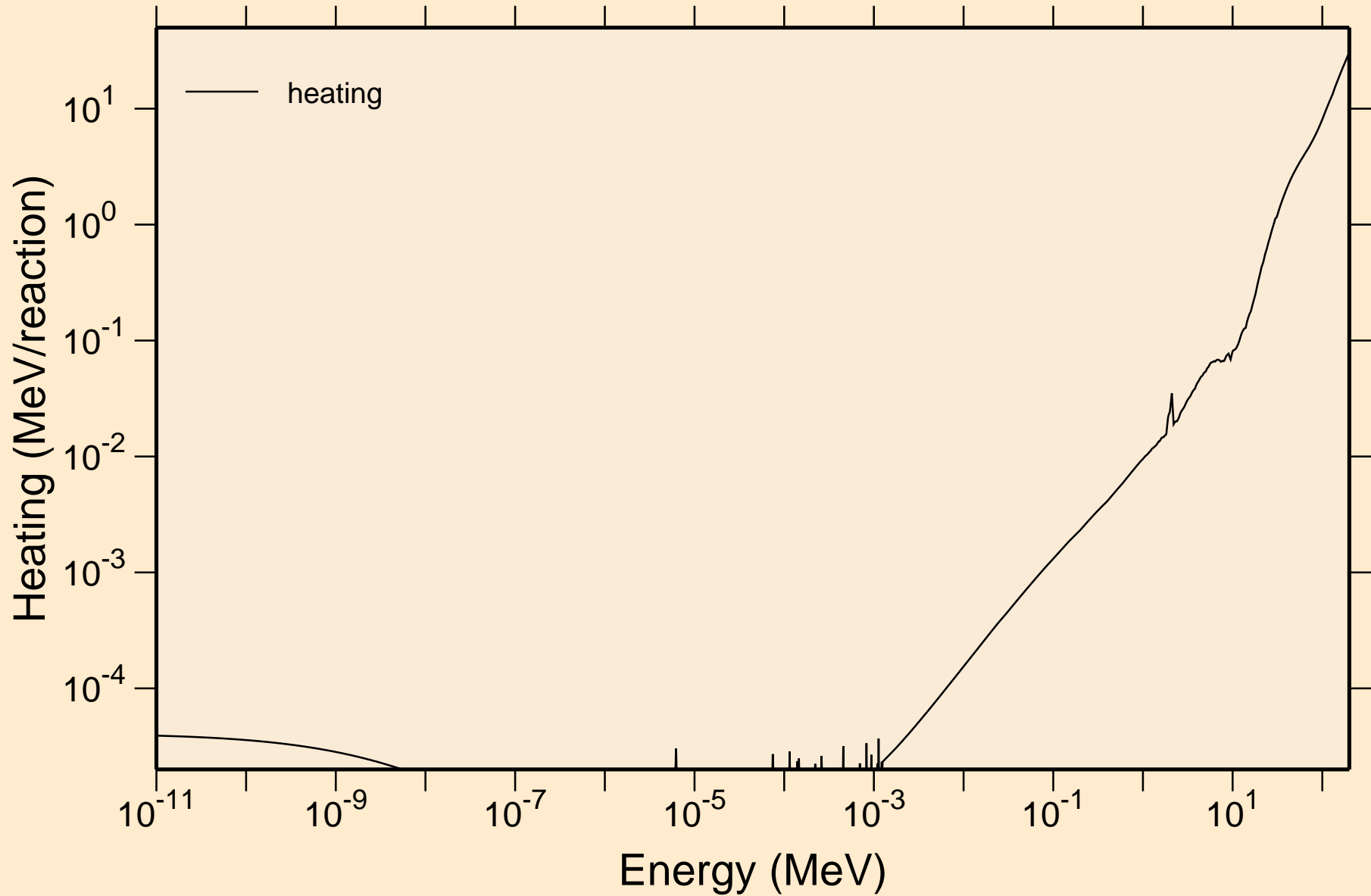


SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



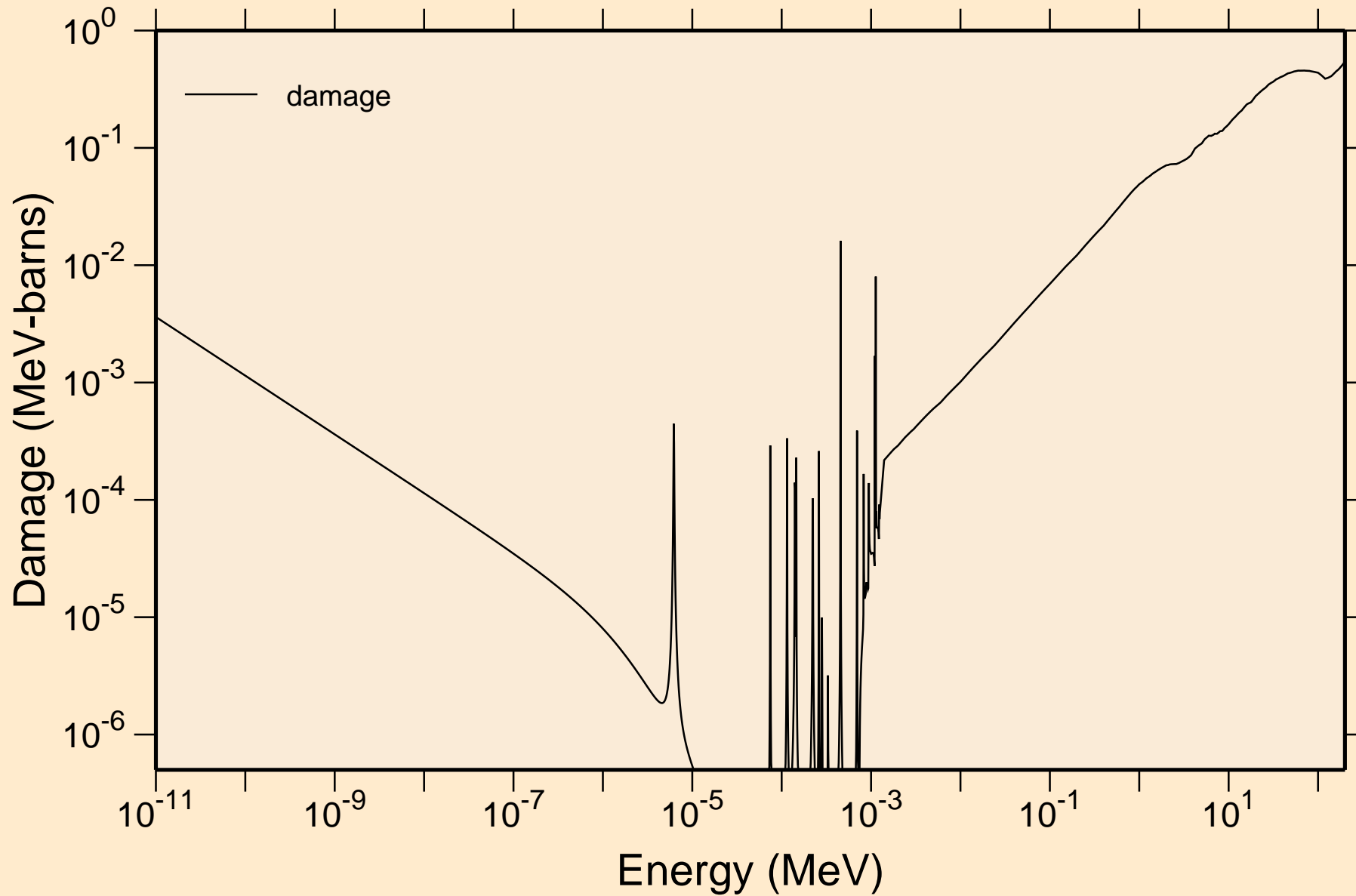
# SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



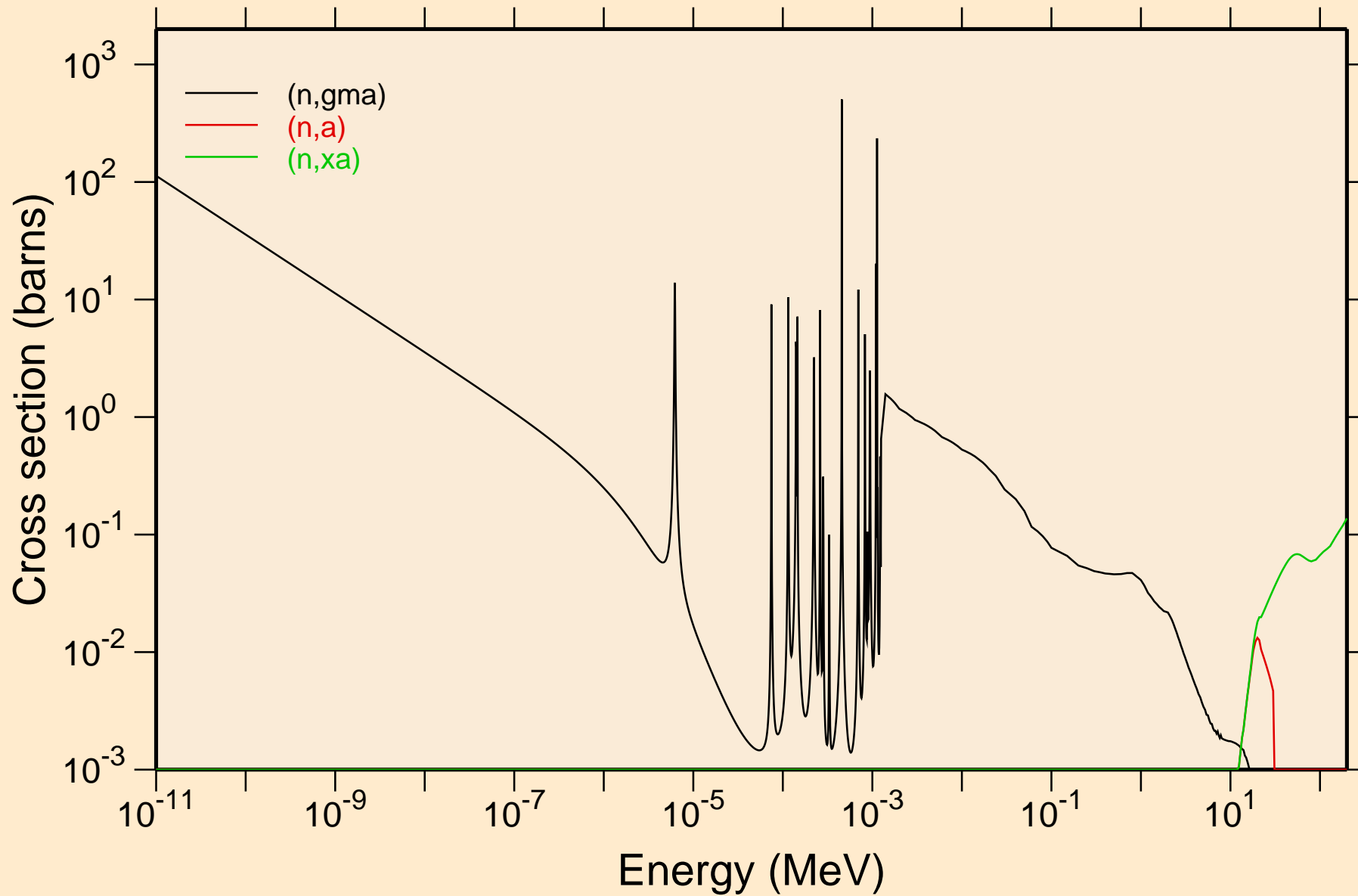
# SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



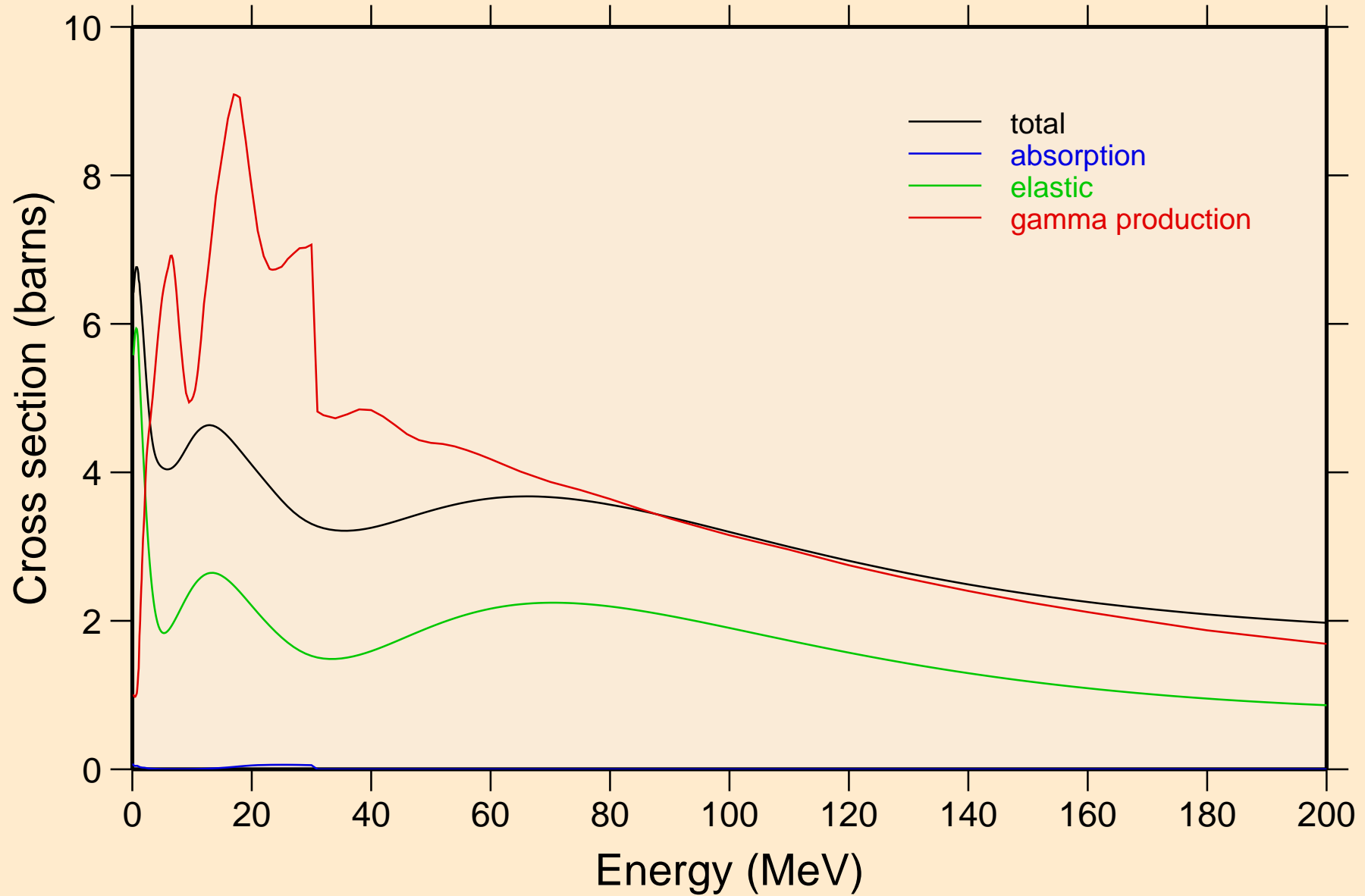
# SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



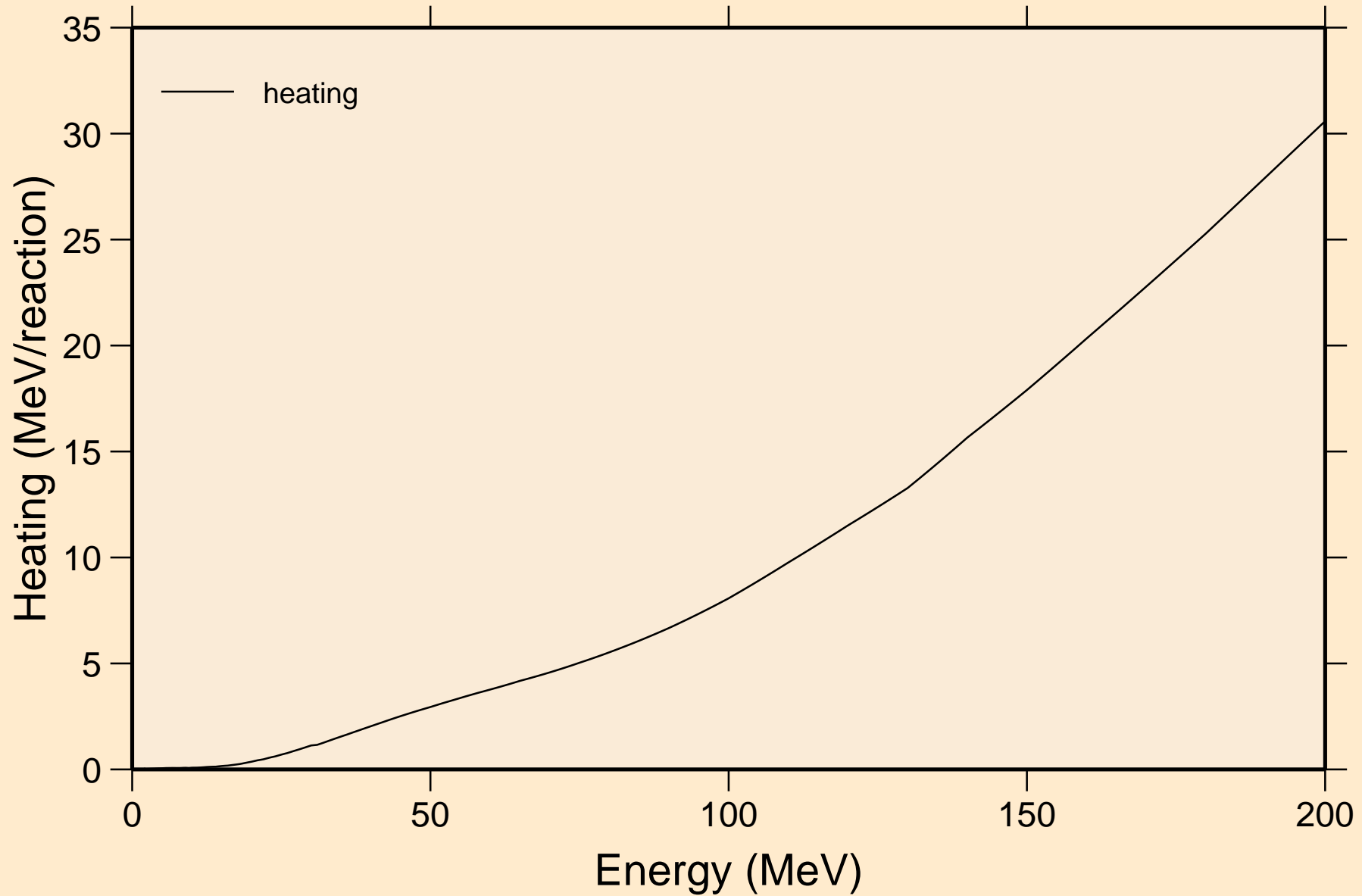
# SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



# SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

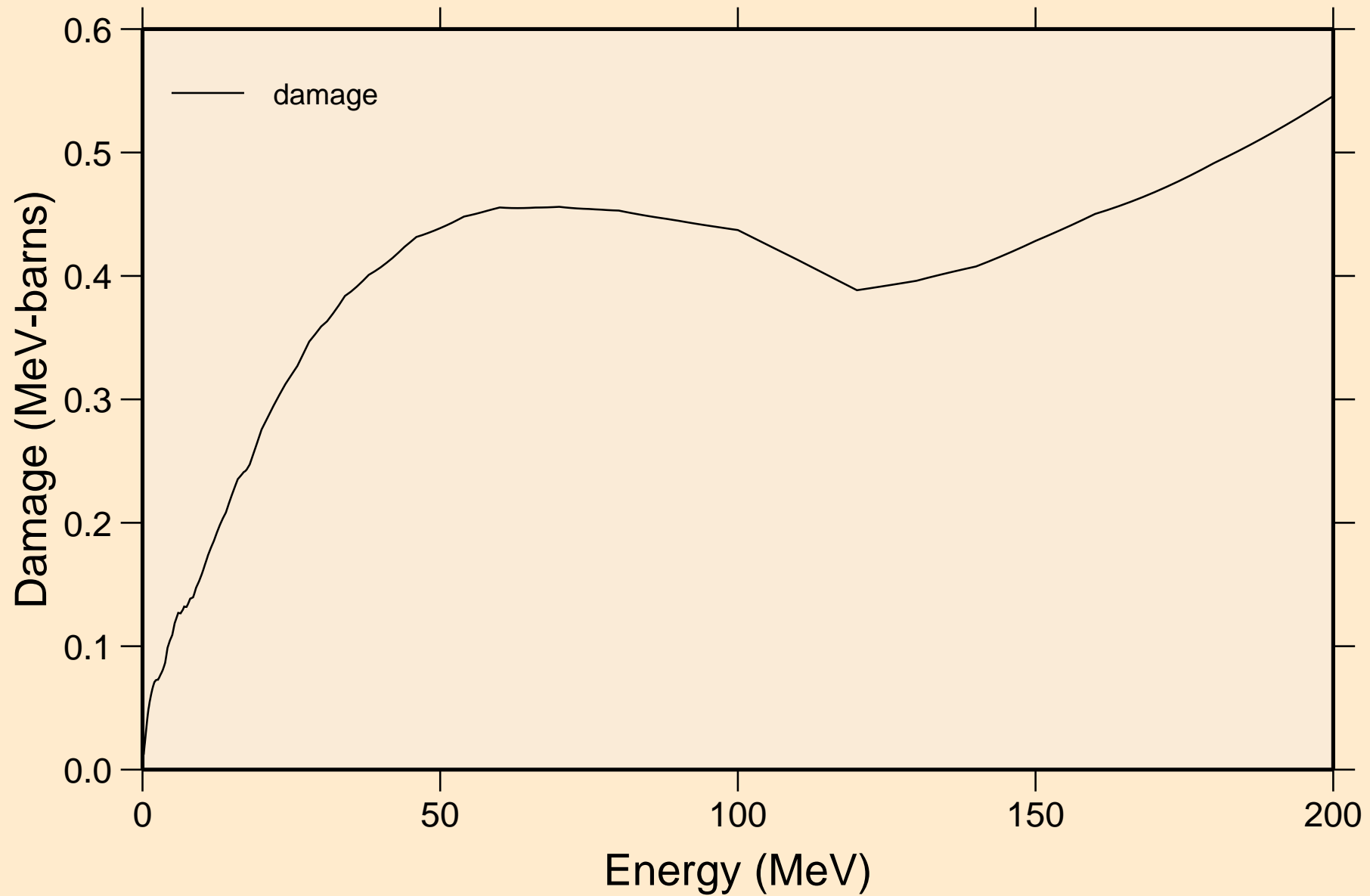
## Heating





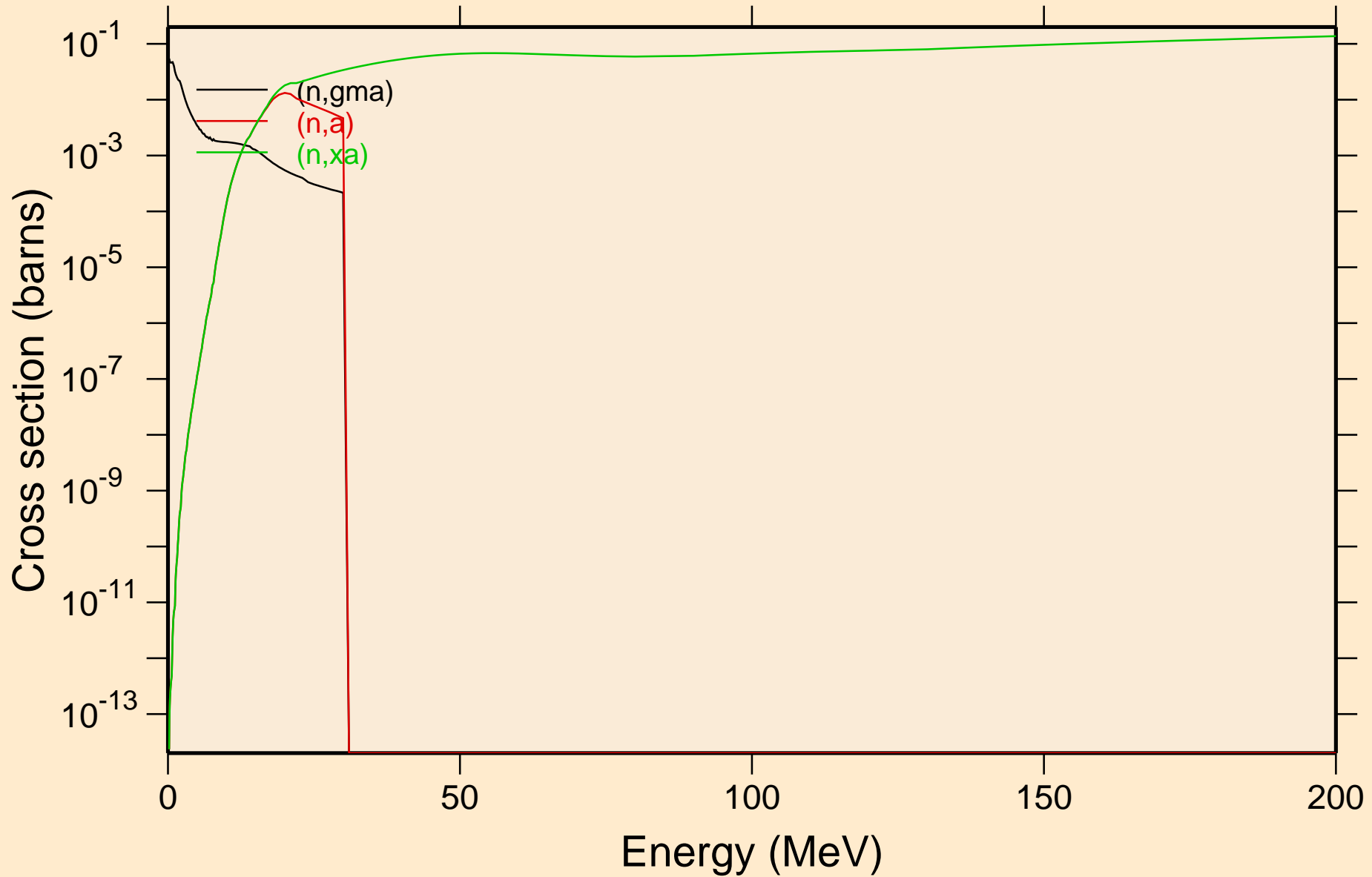
# SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



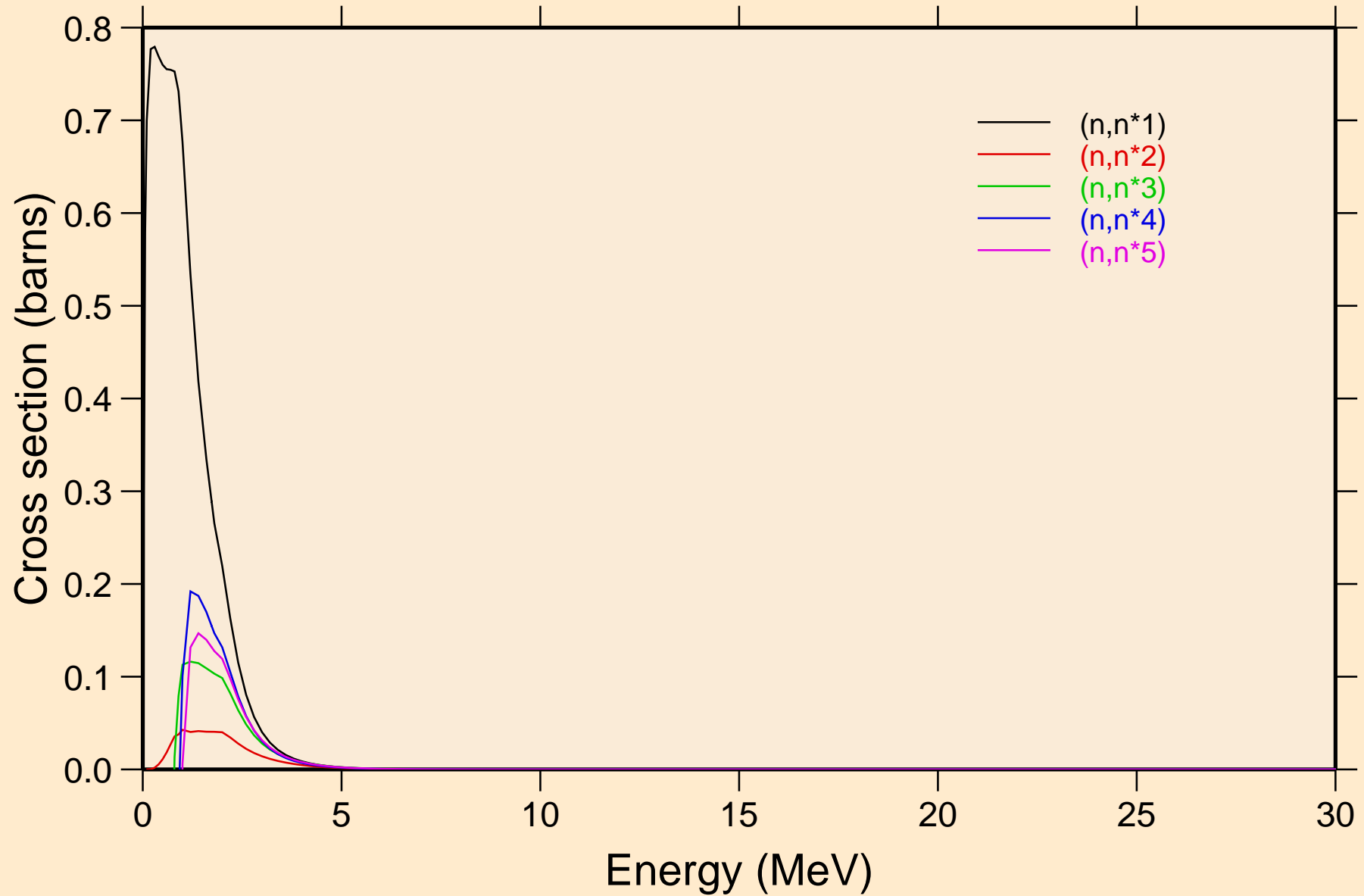
# SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



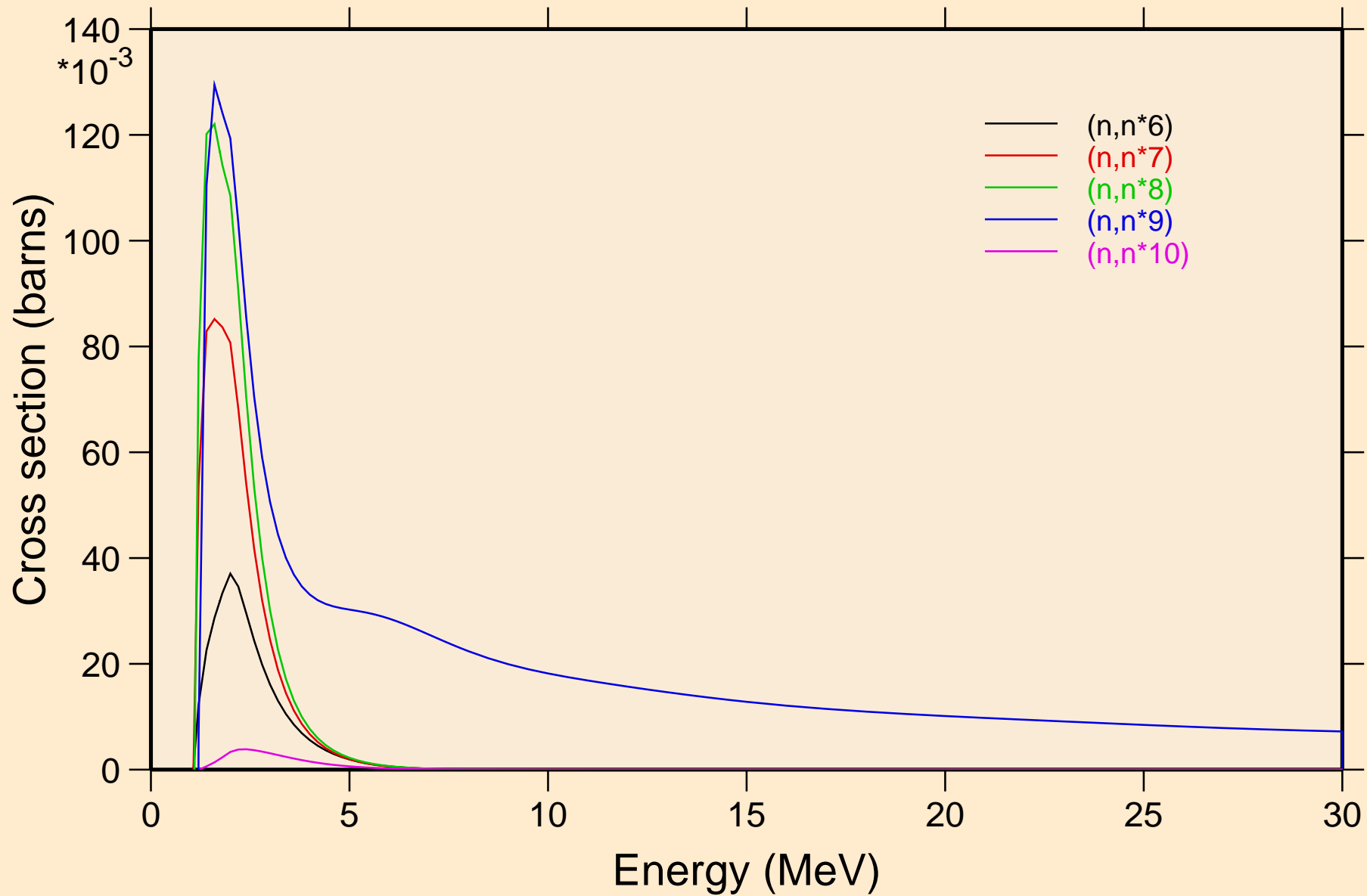
# SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



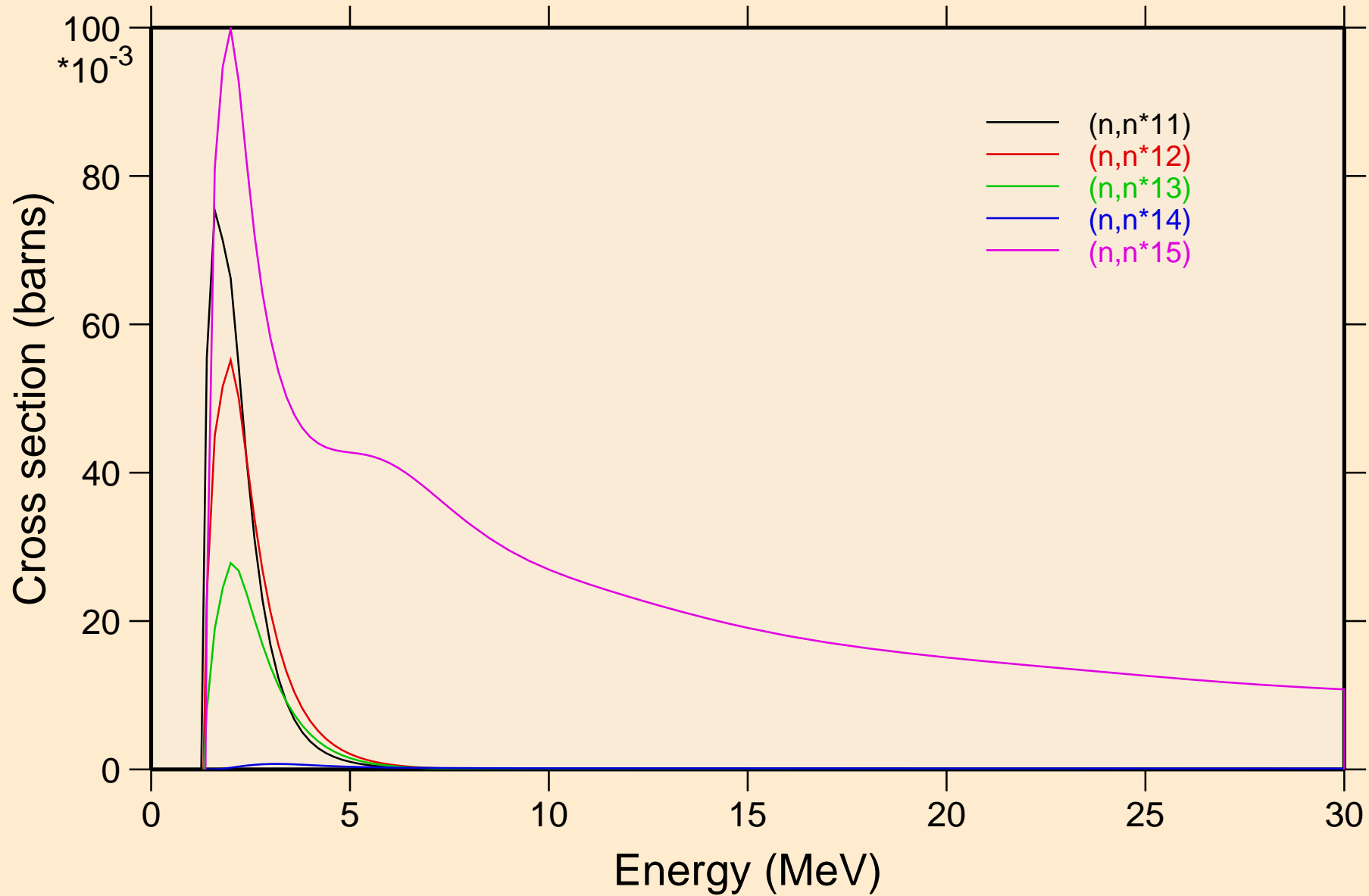
# SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



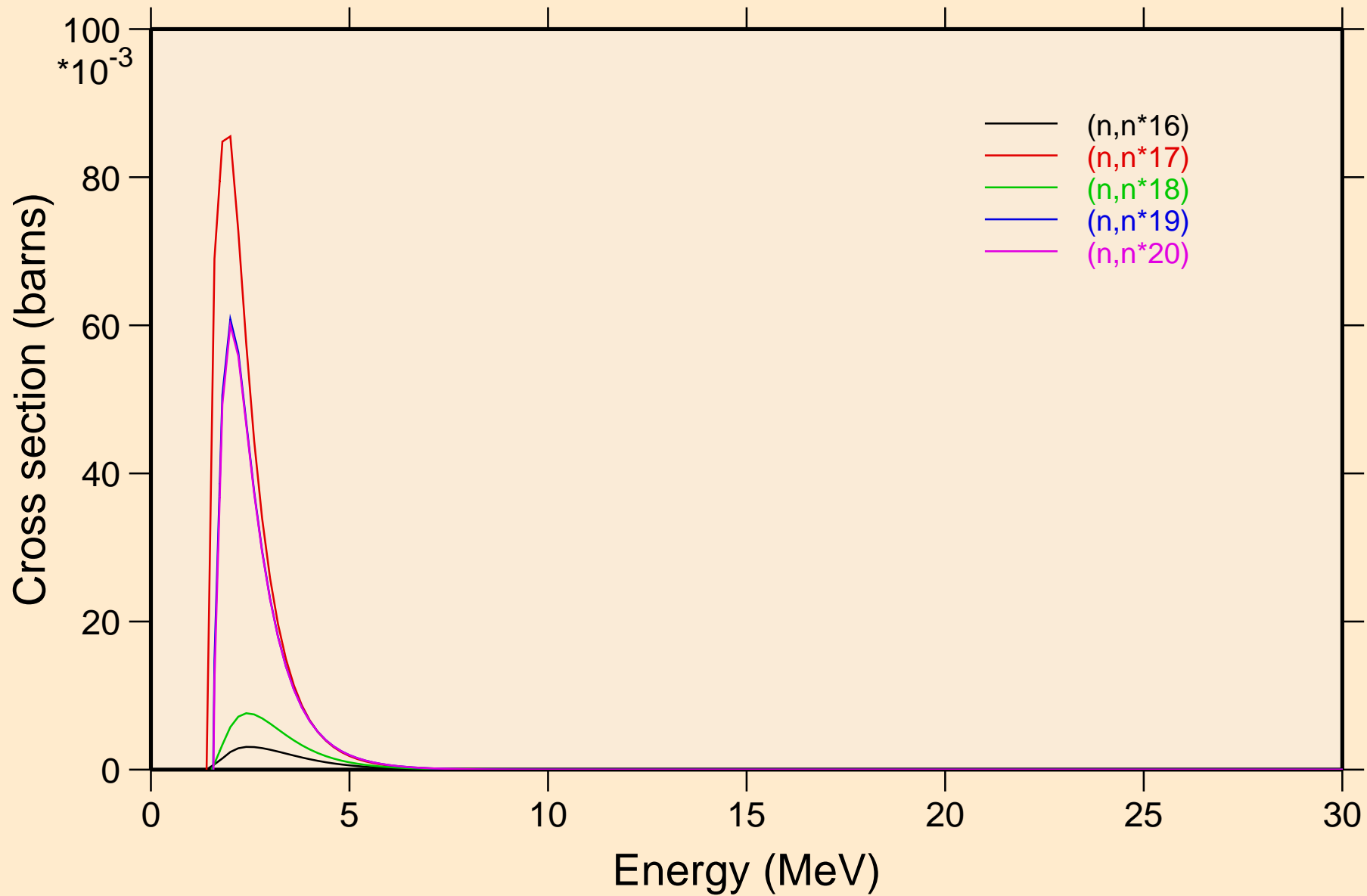
# SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



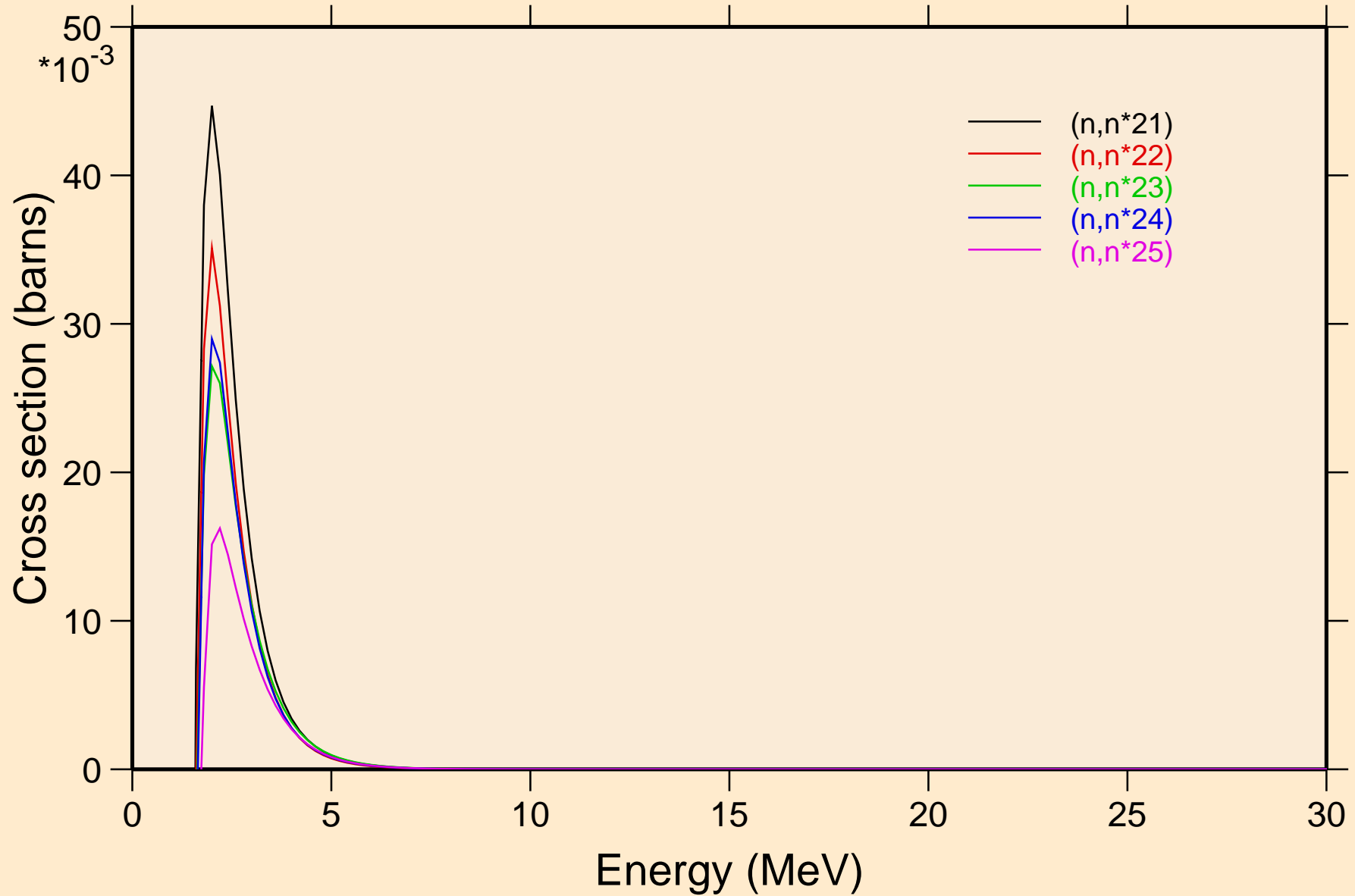
# SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

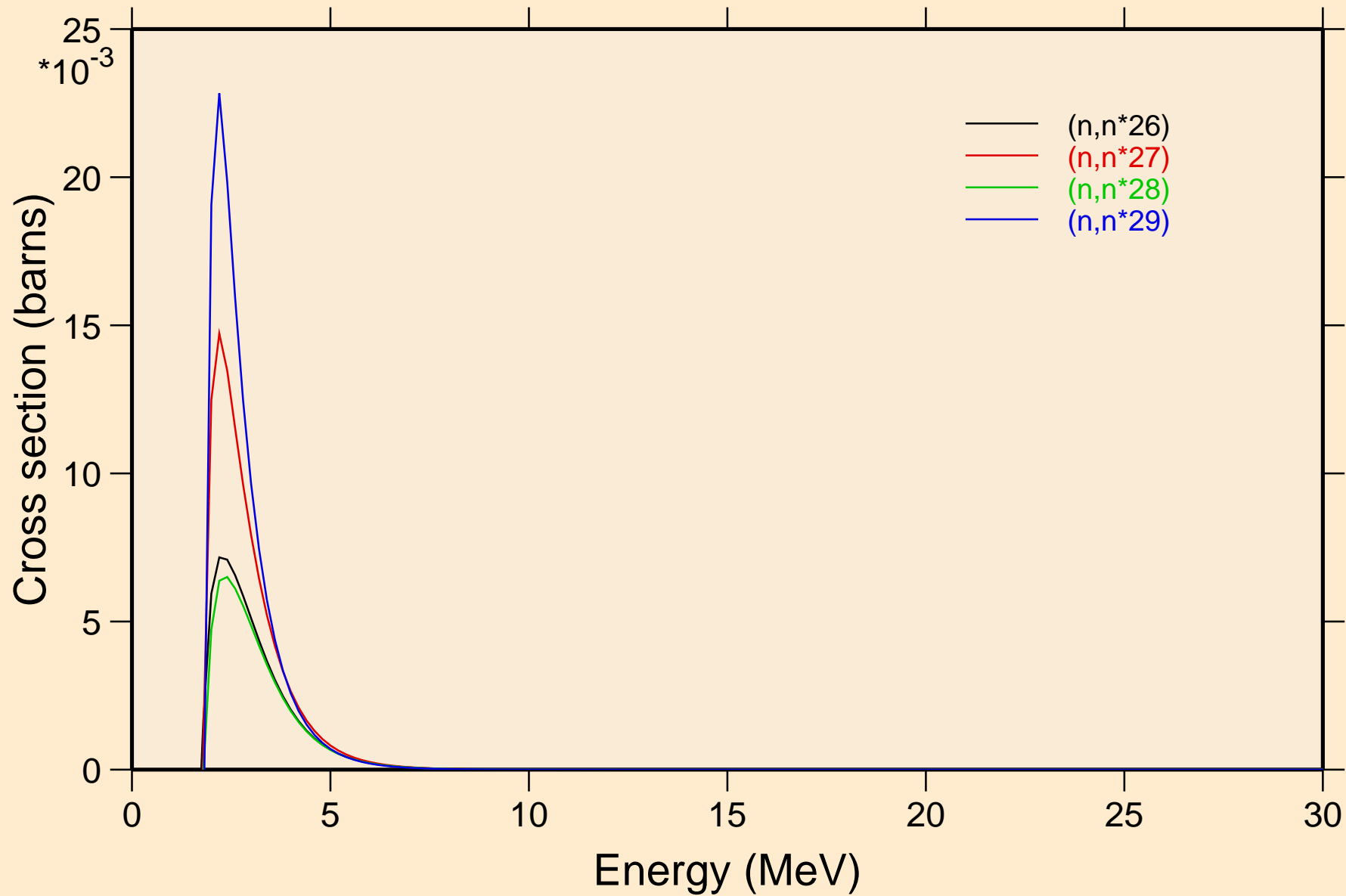


# SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



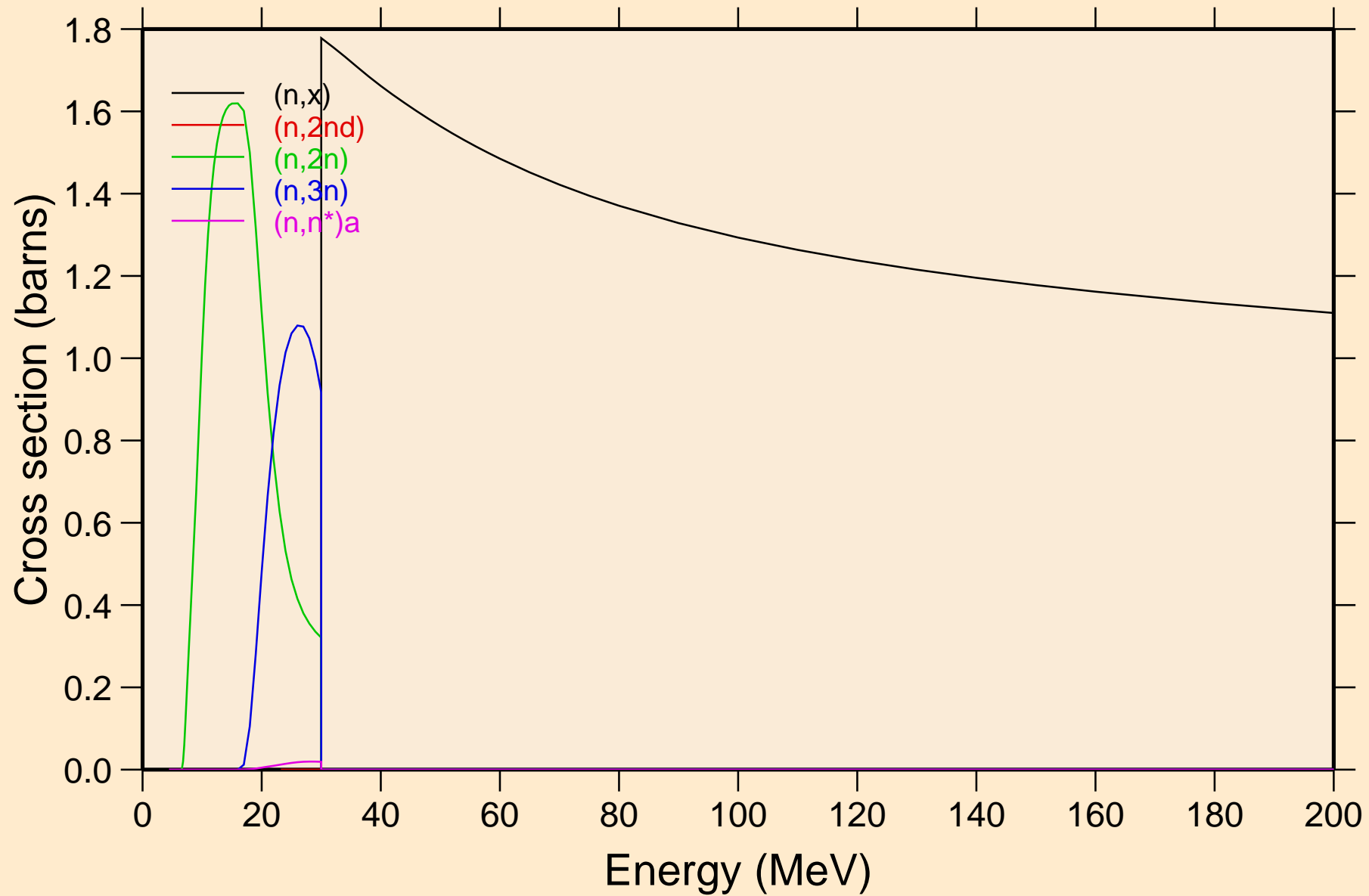
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels





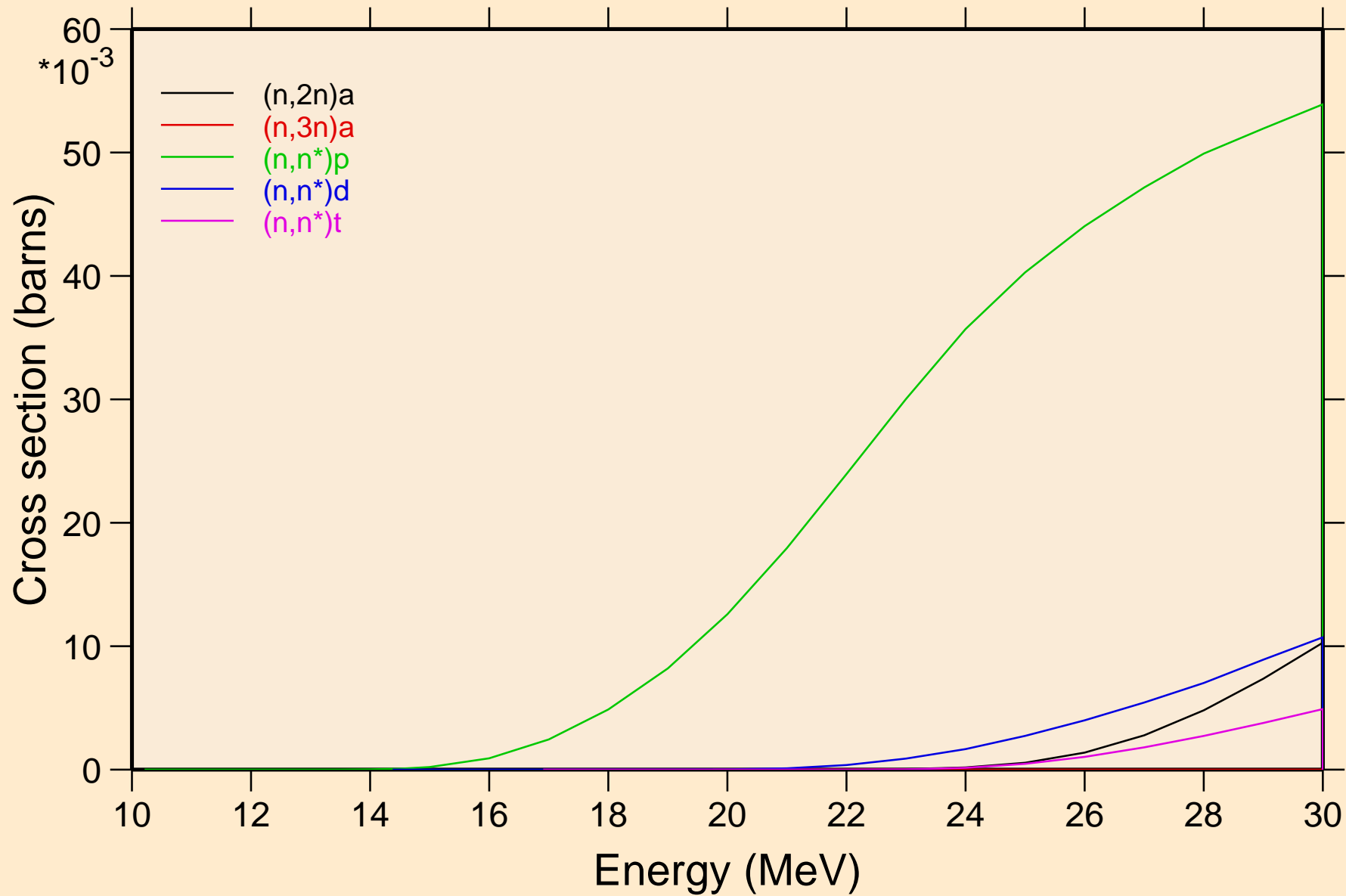
# SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



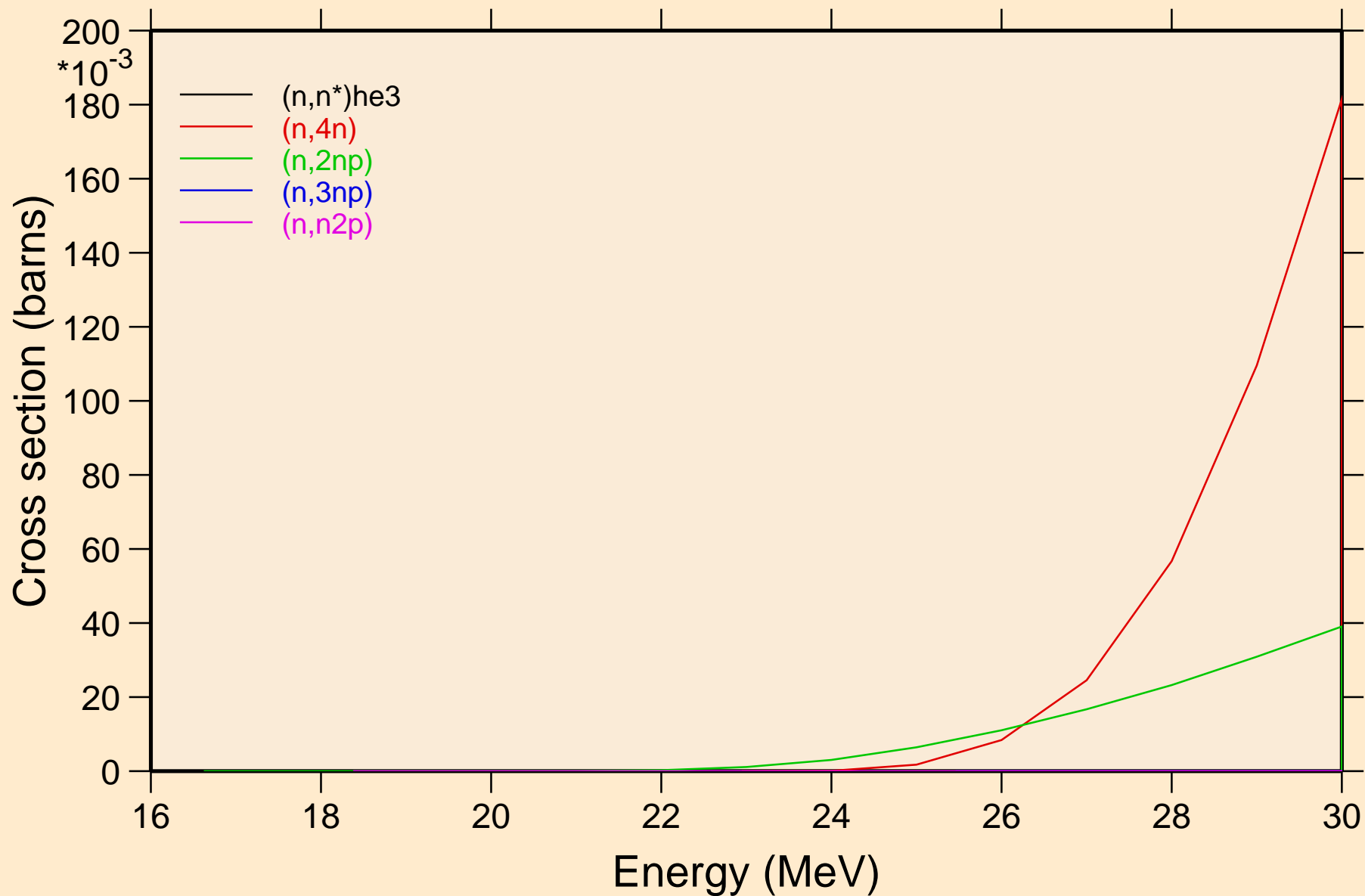
# SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



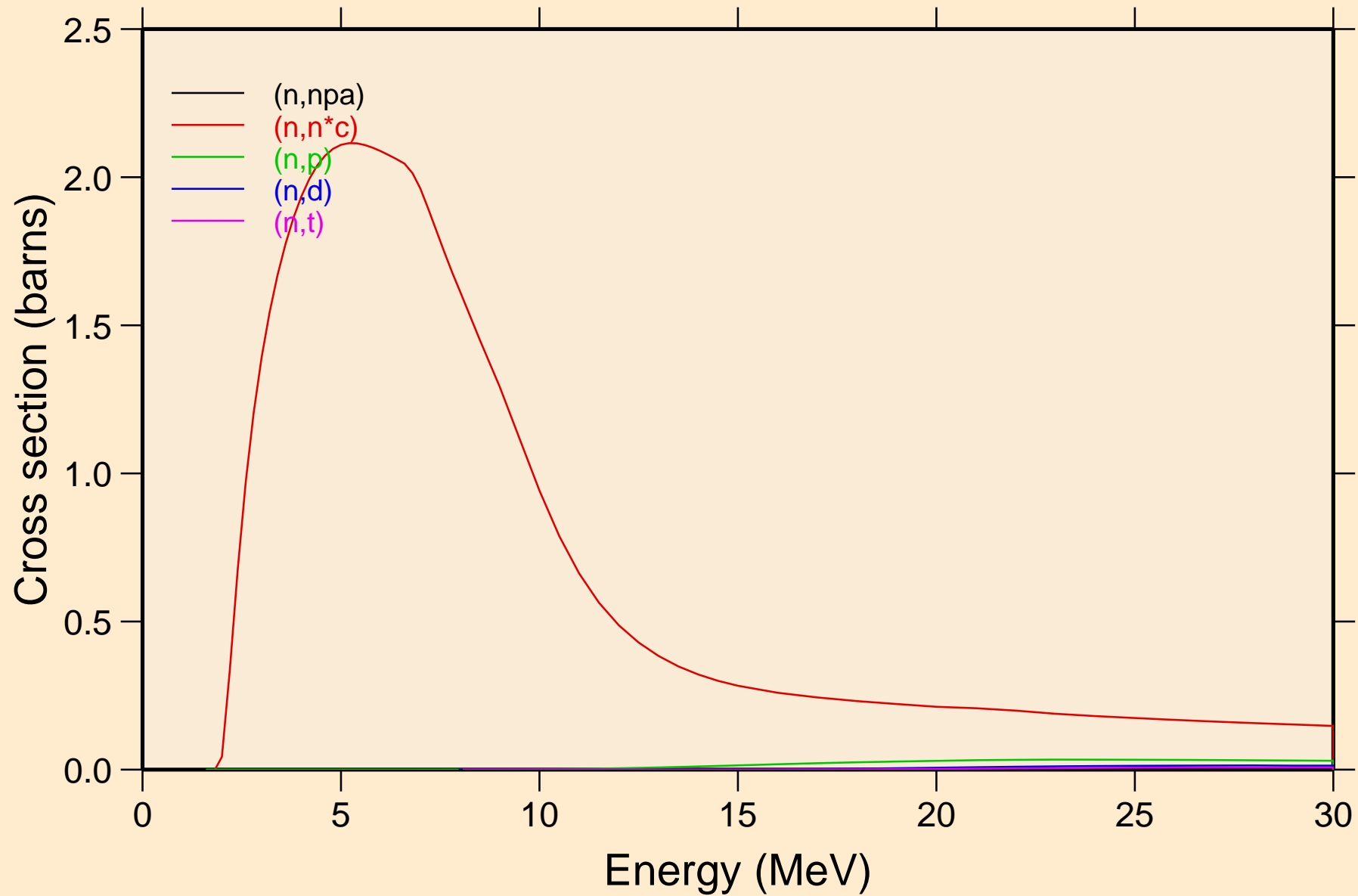
# SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



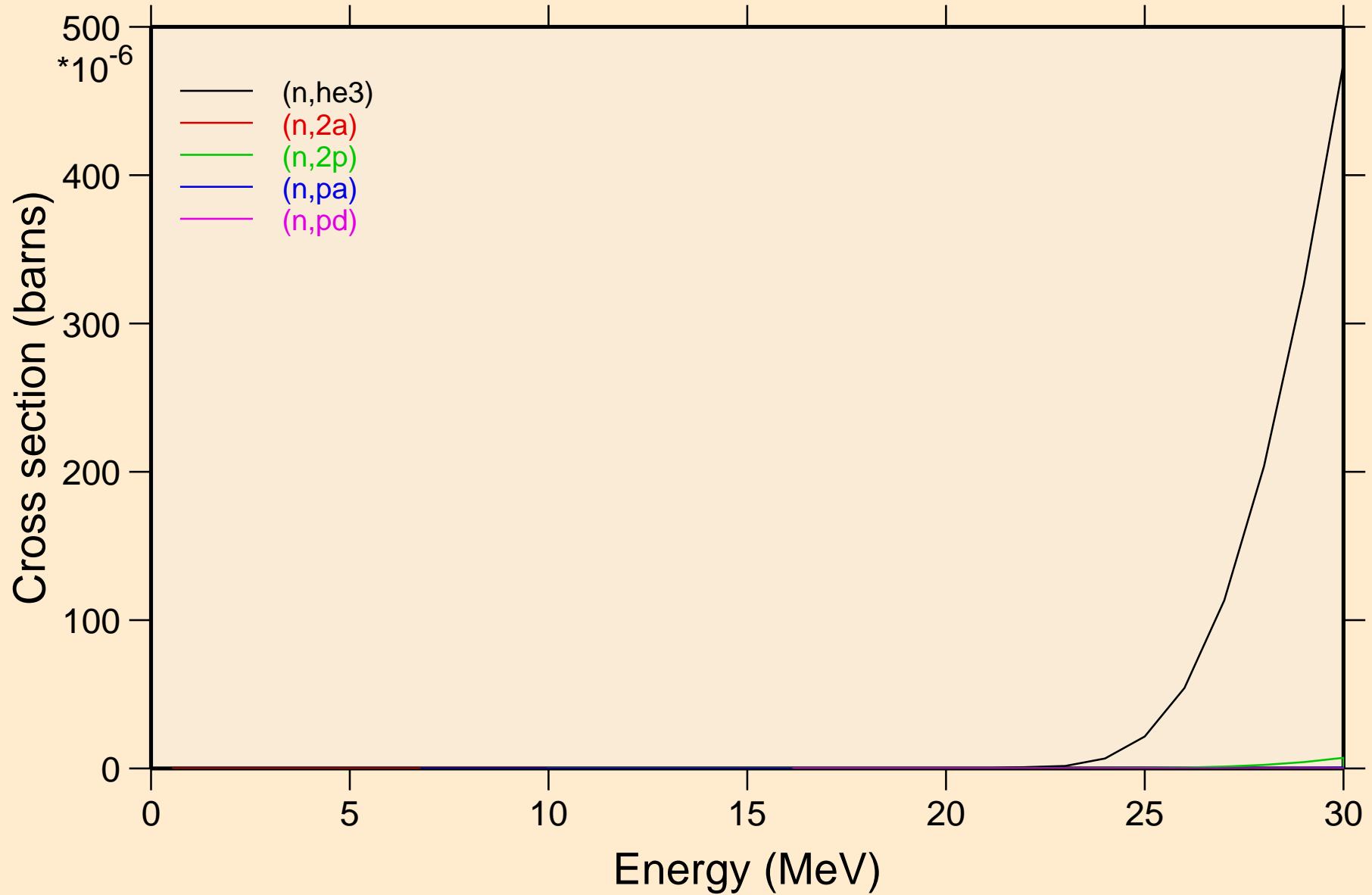
# SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



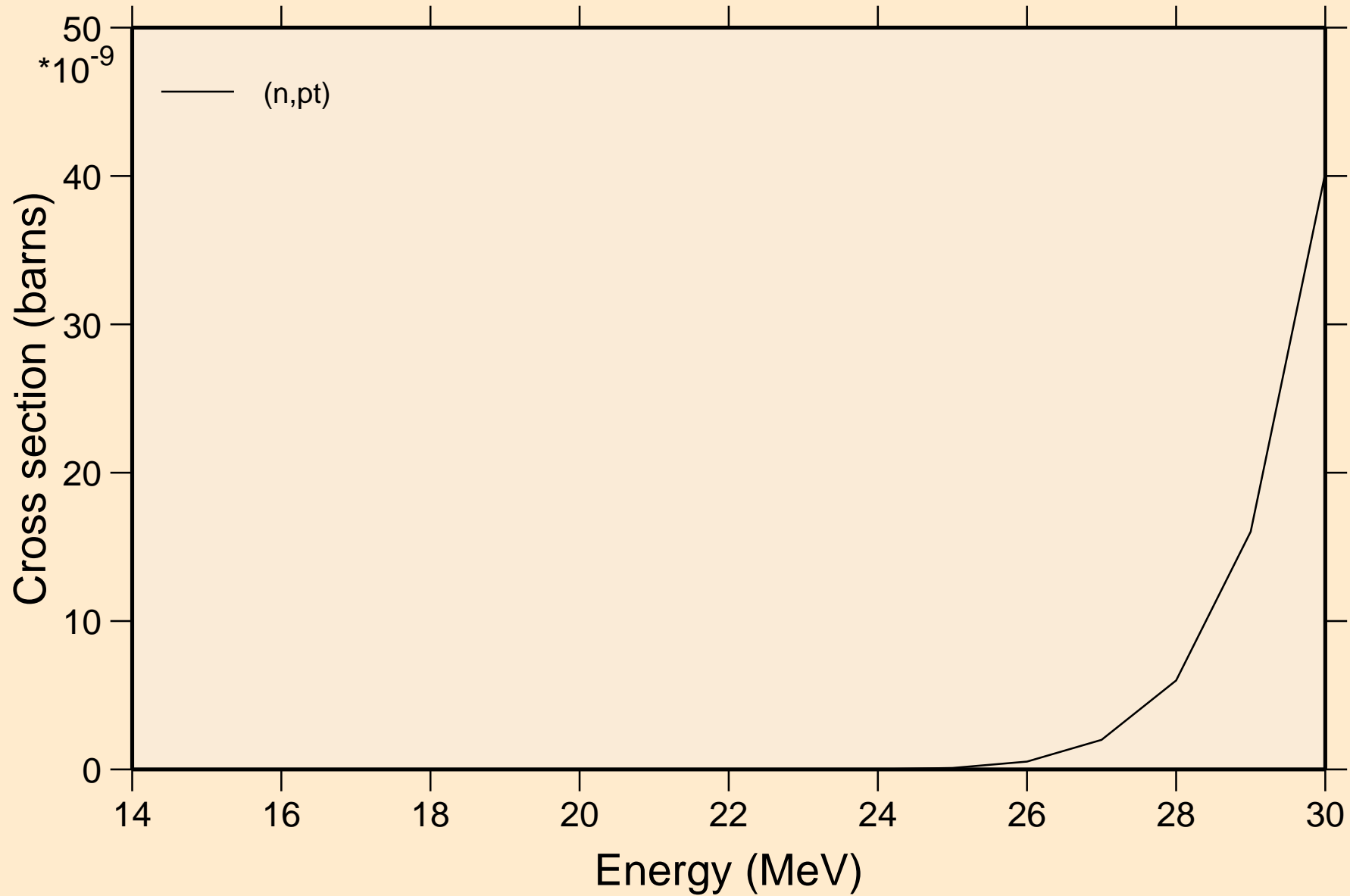
# SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



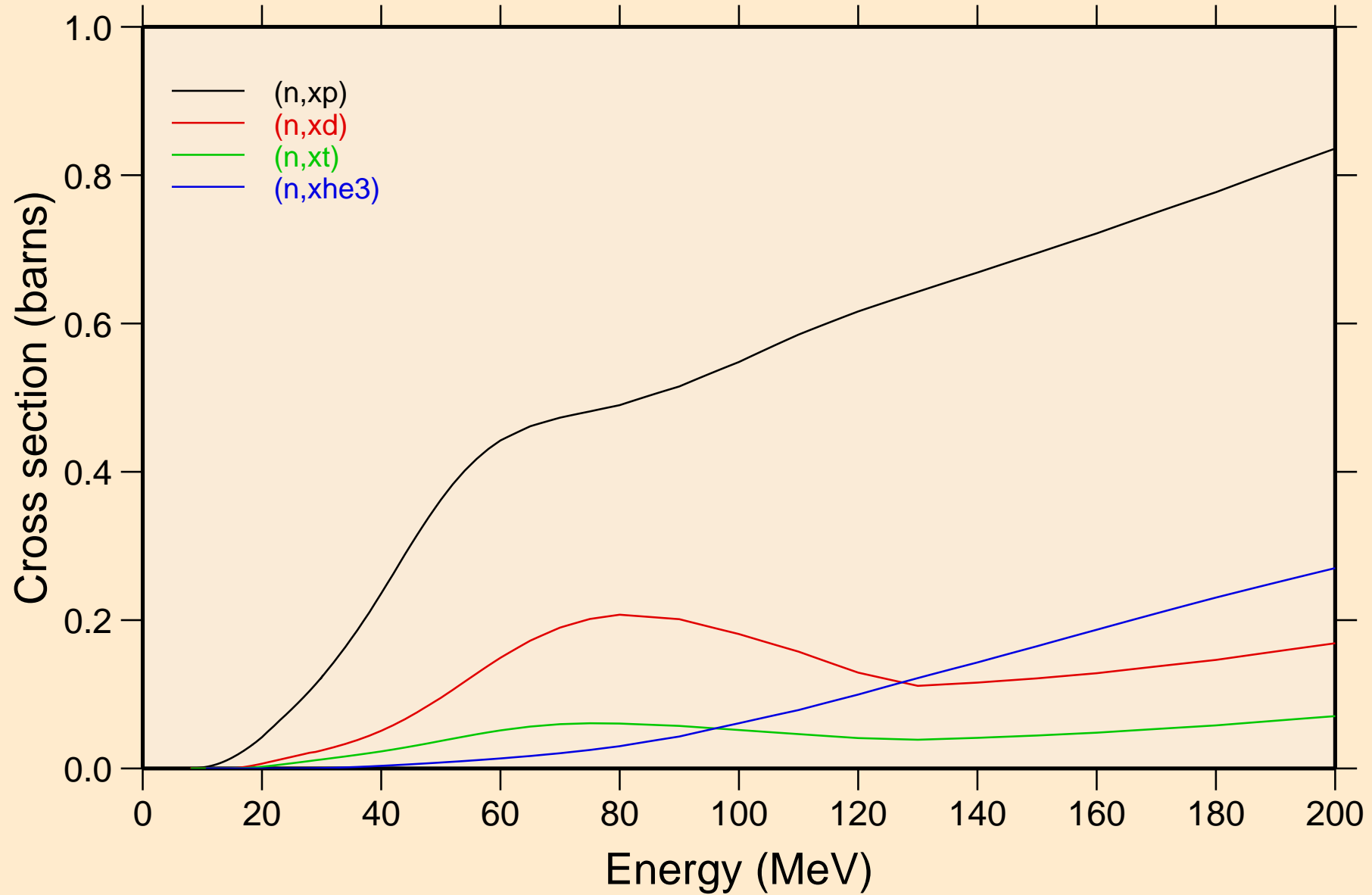
# SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

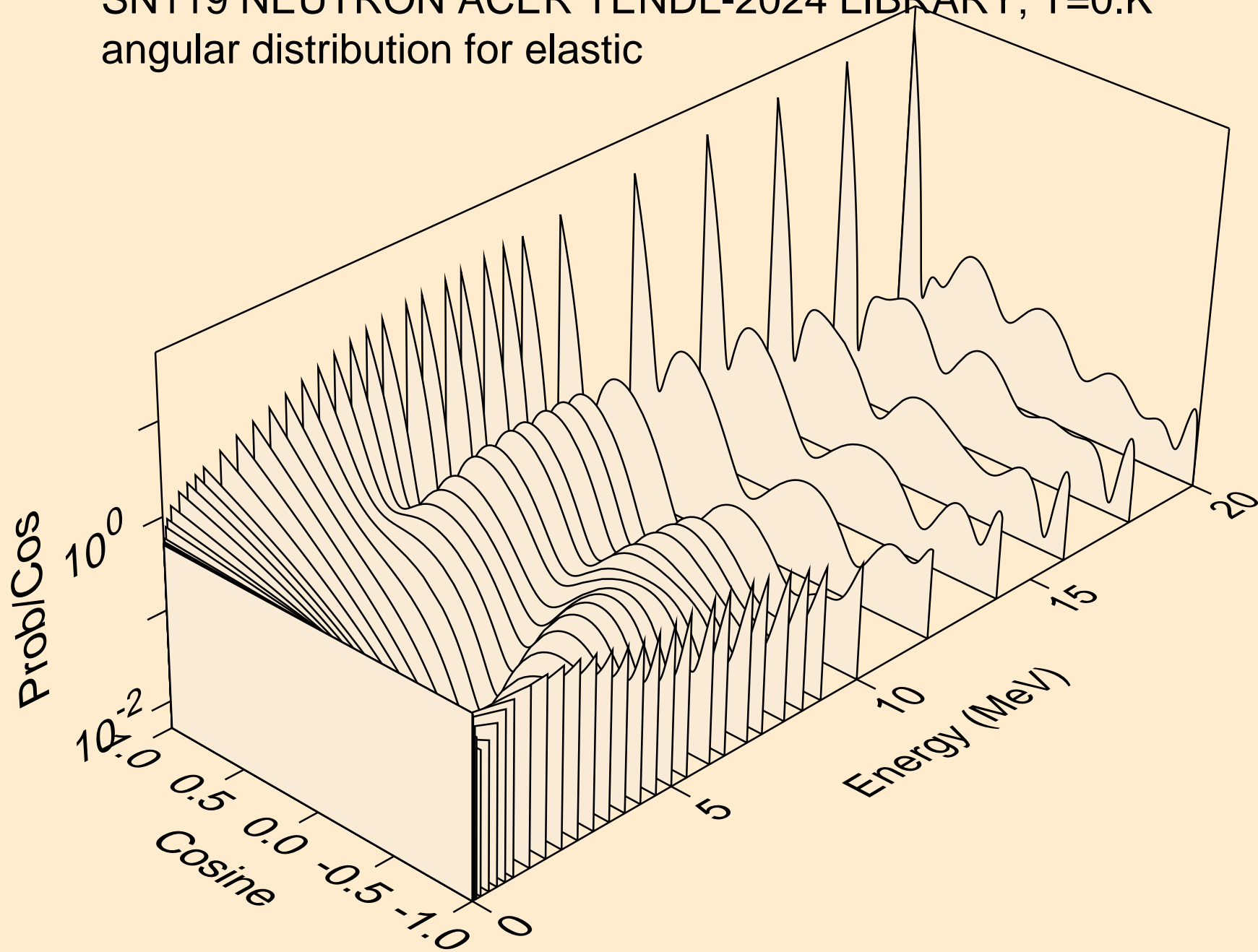


# SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

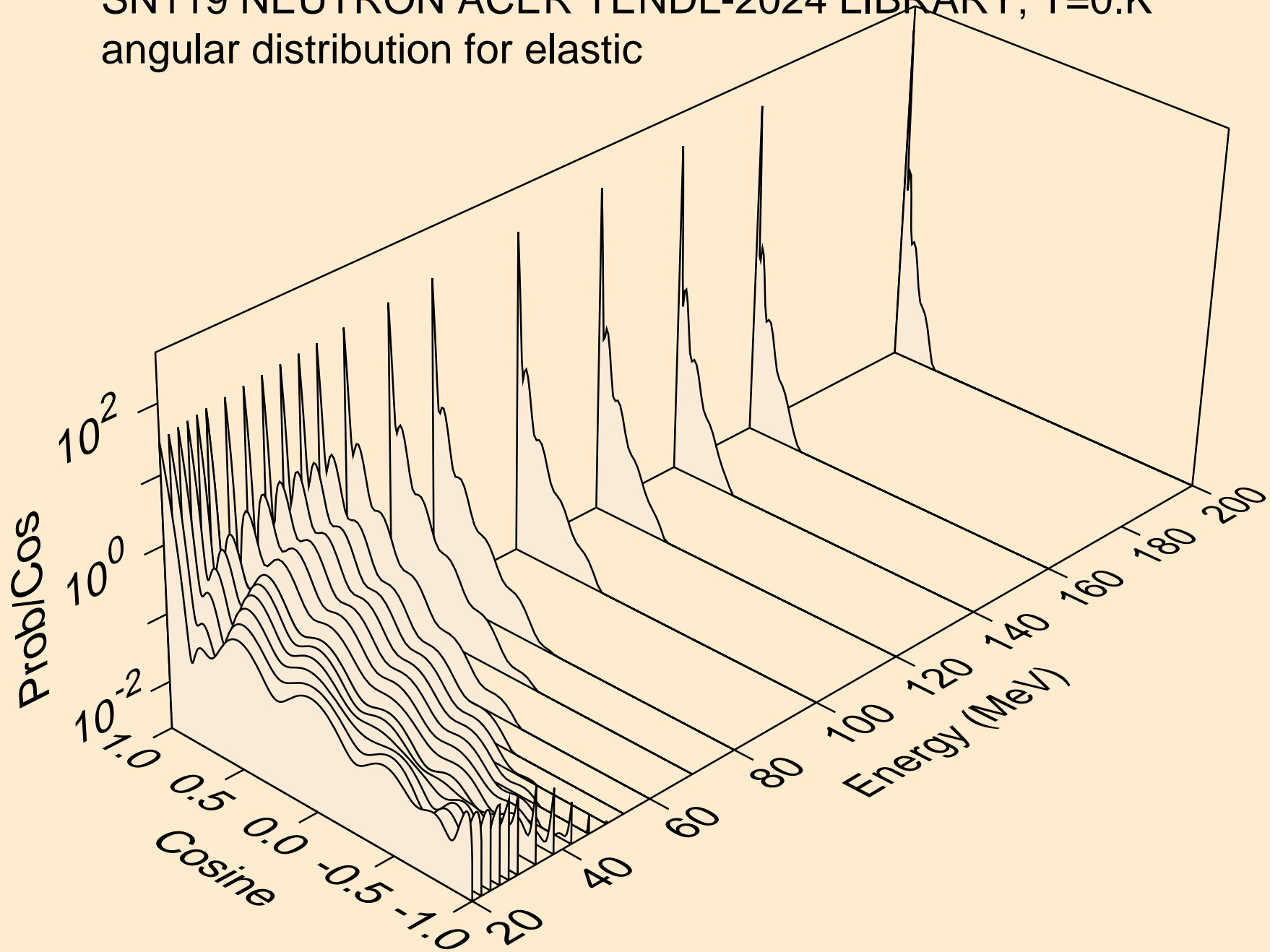


SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

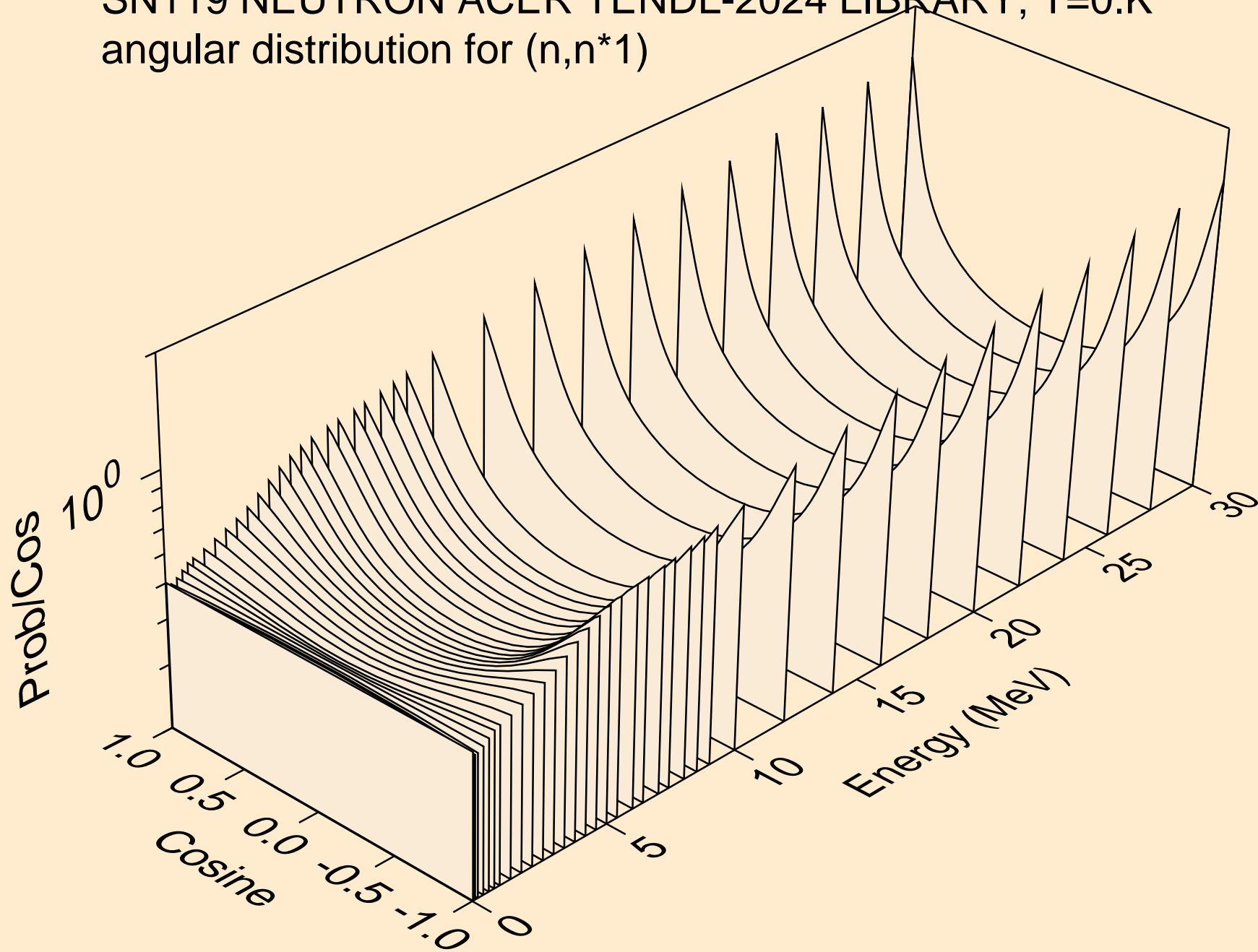




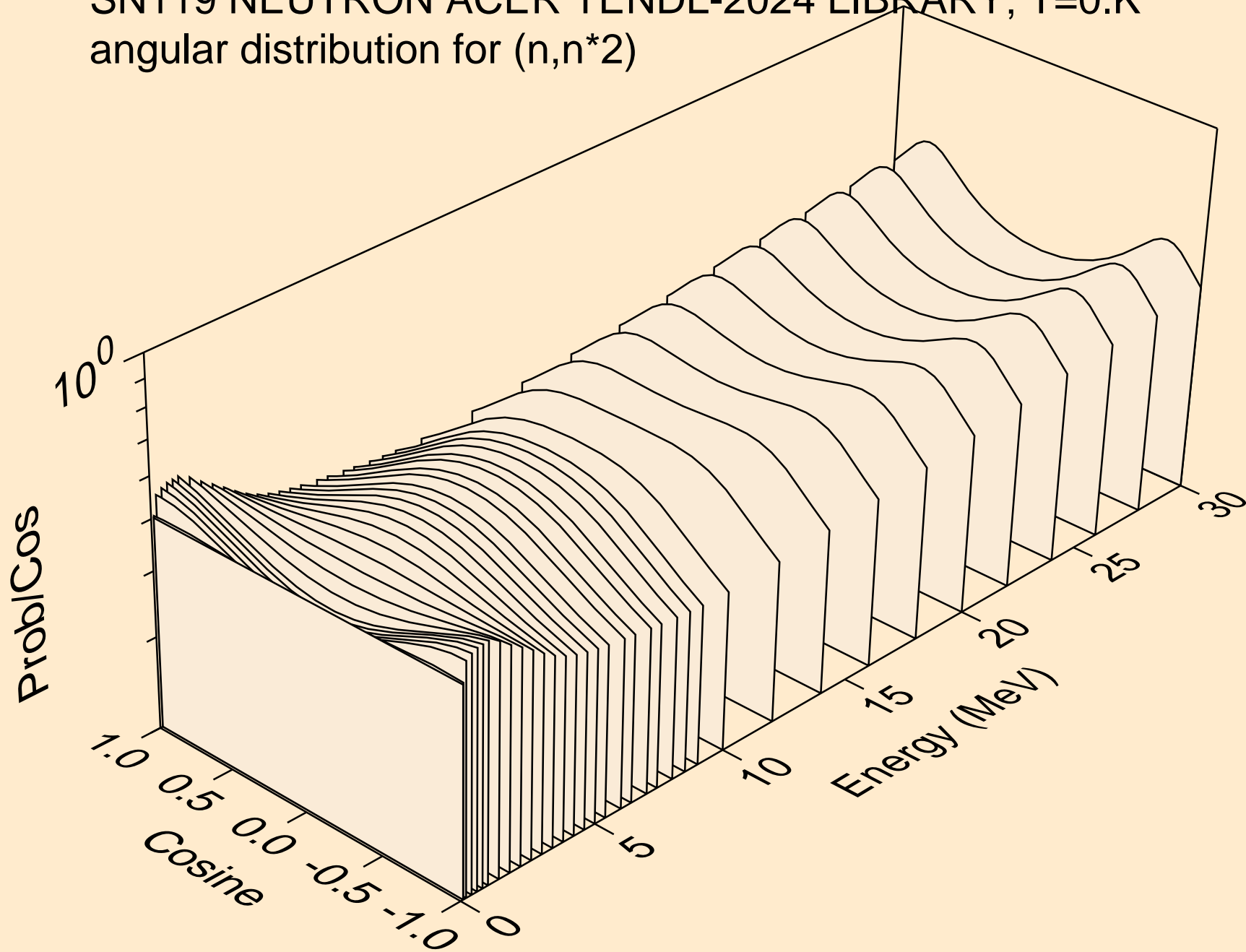
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



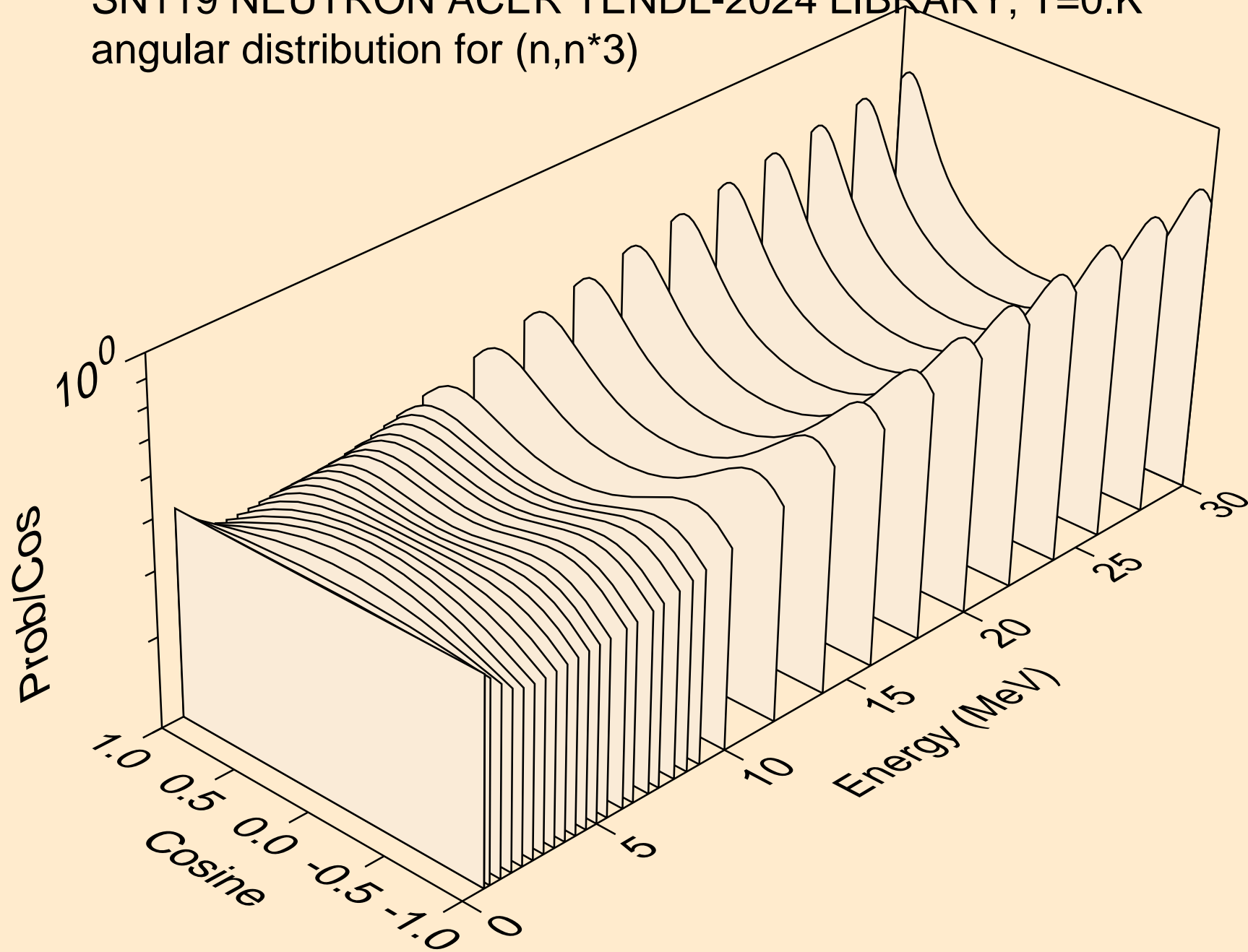
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



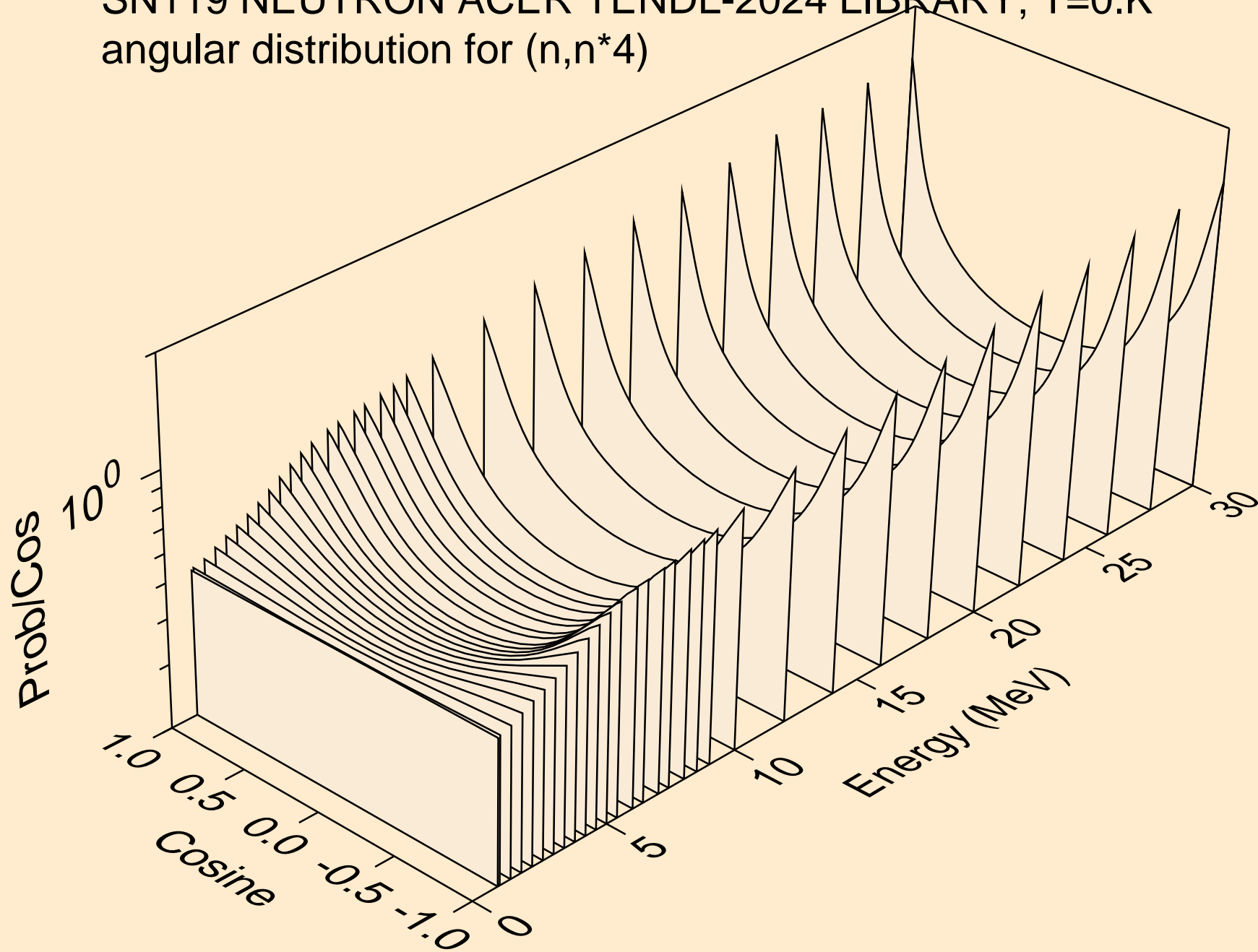
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



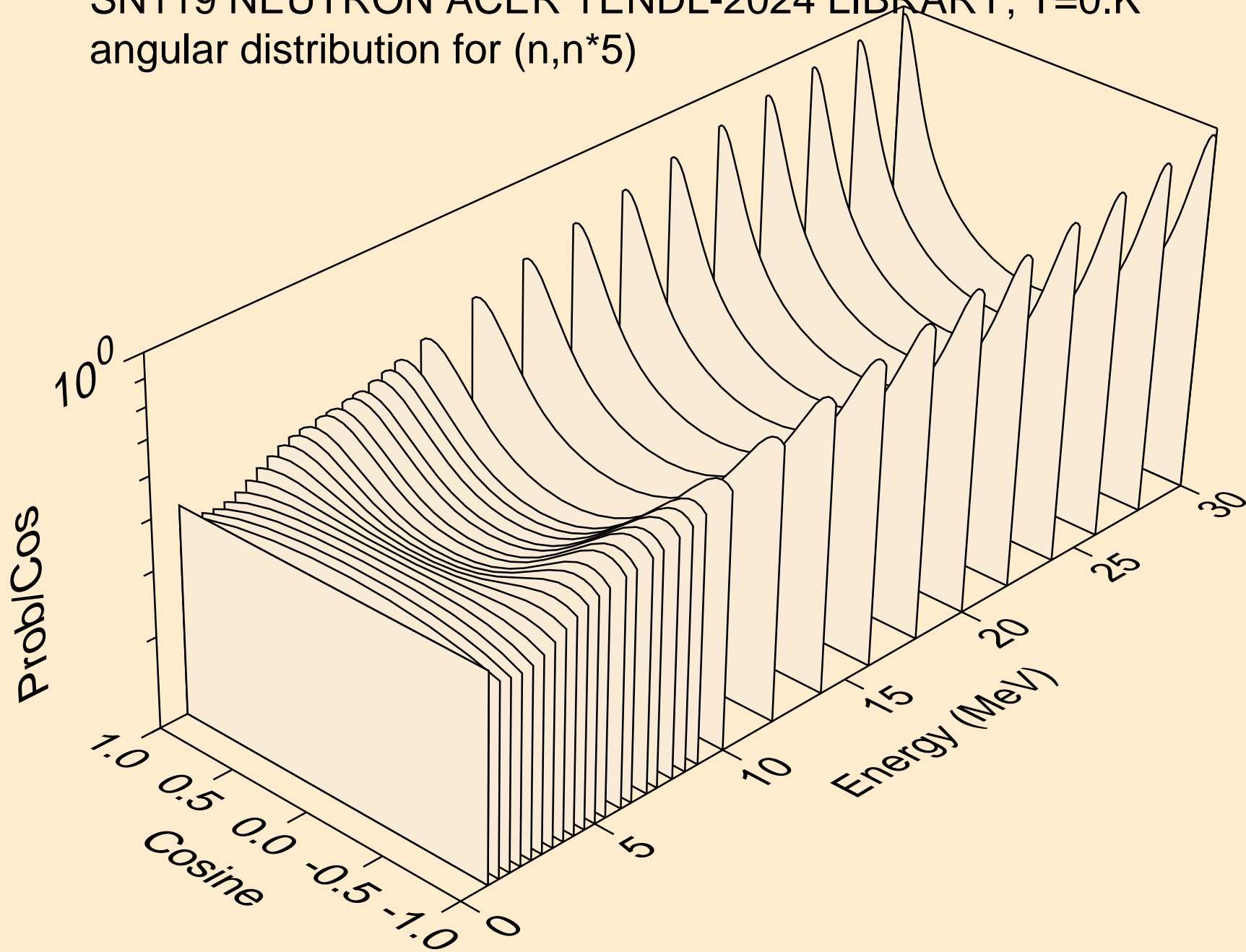
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



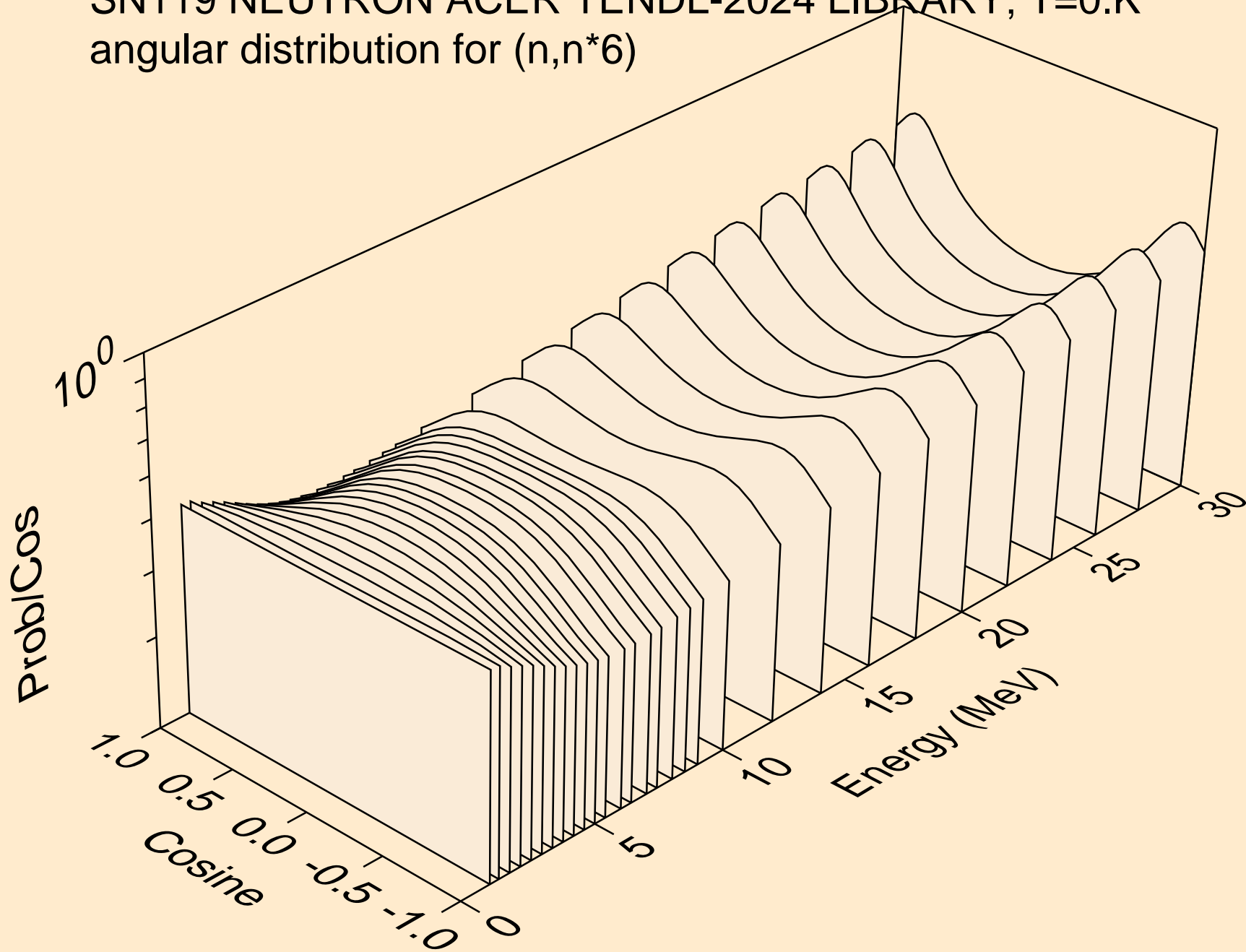
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



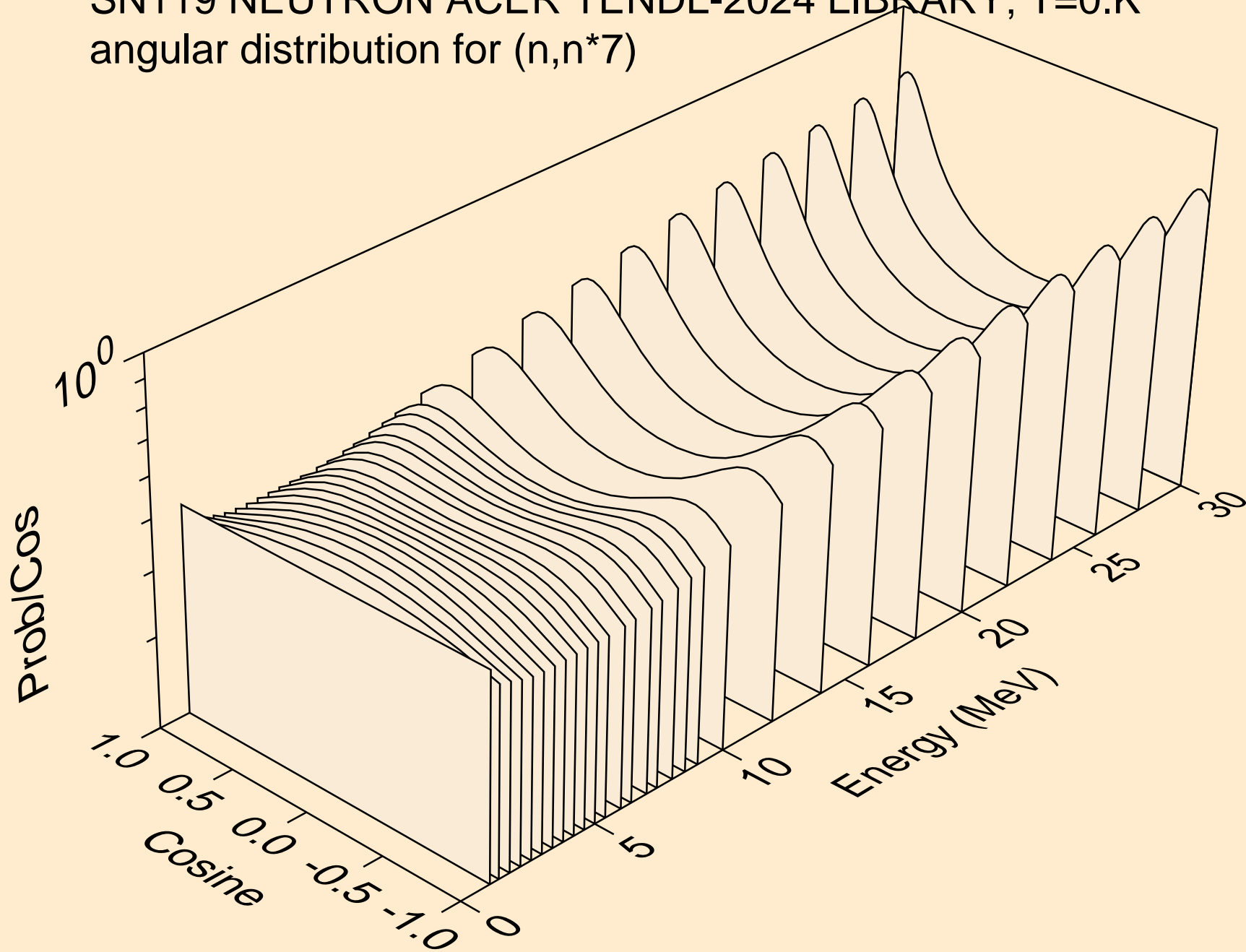
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

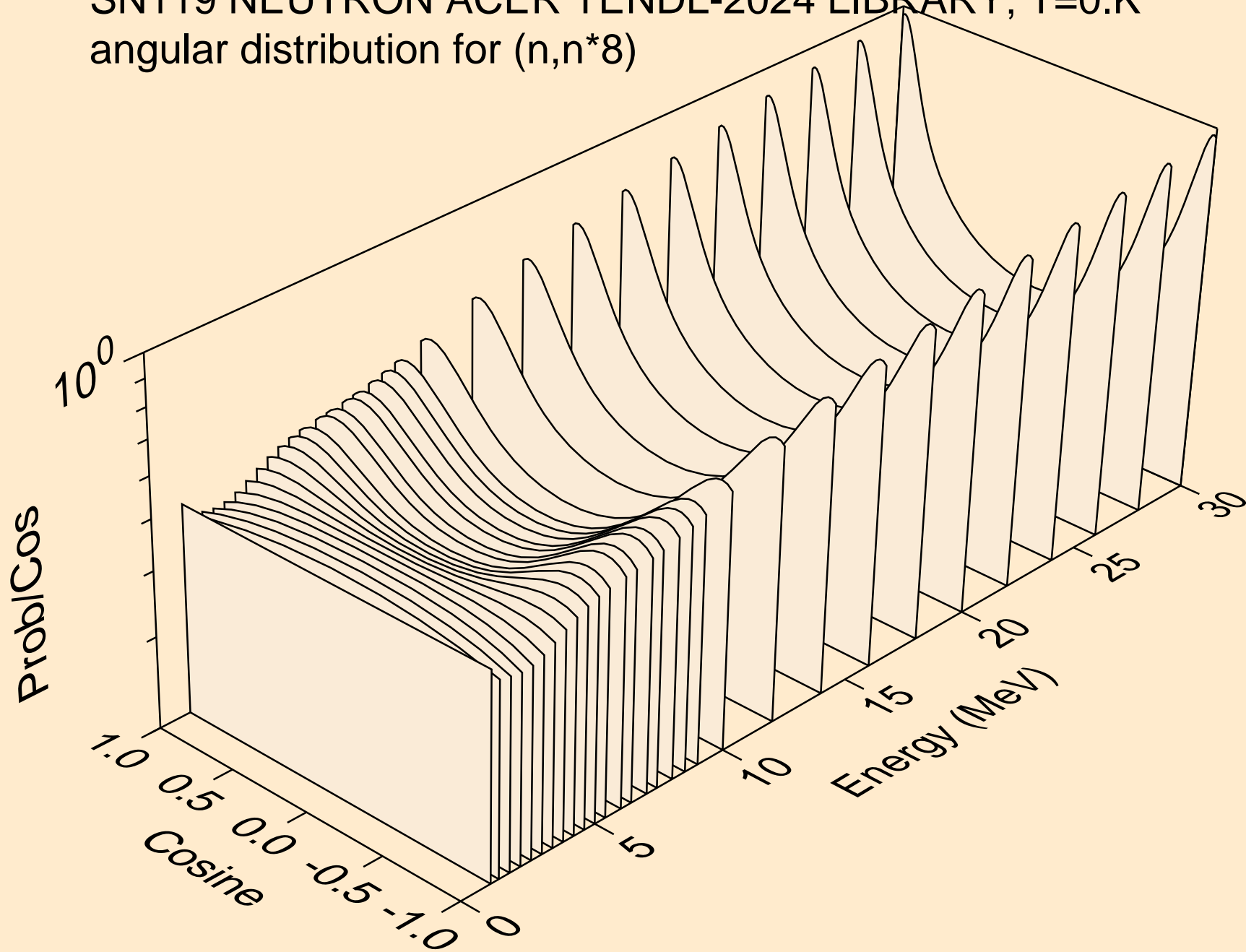


SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

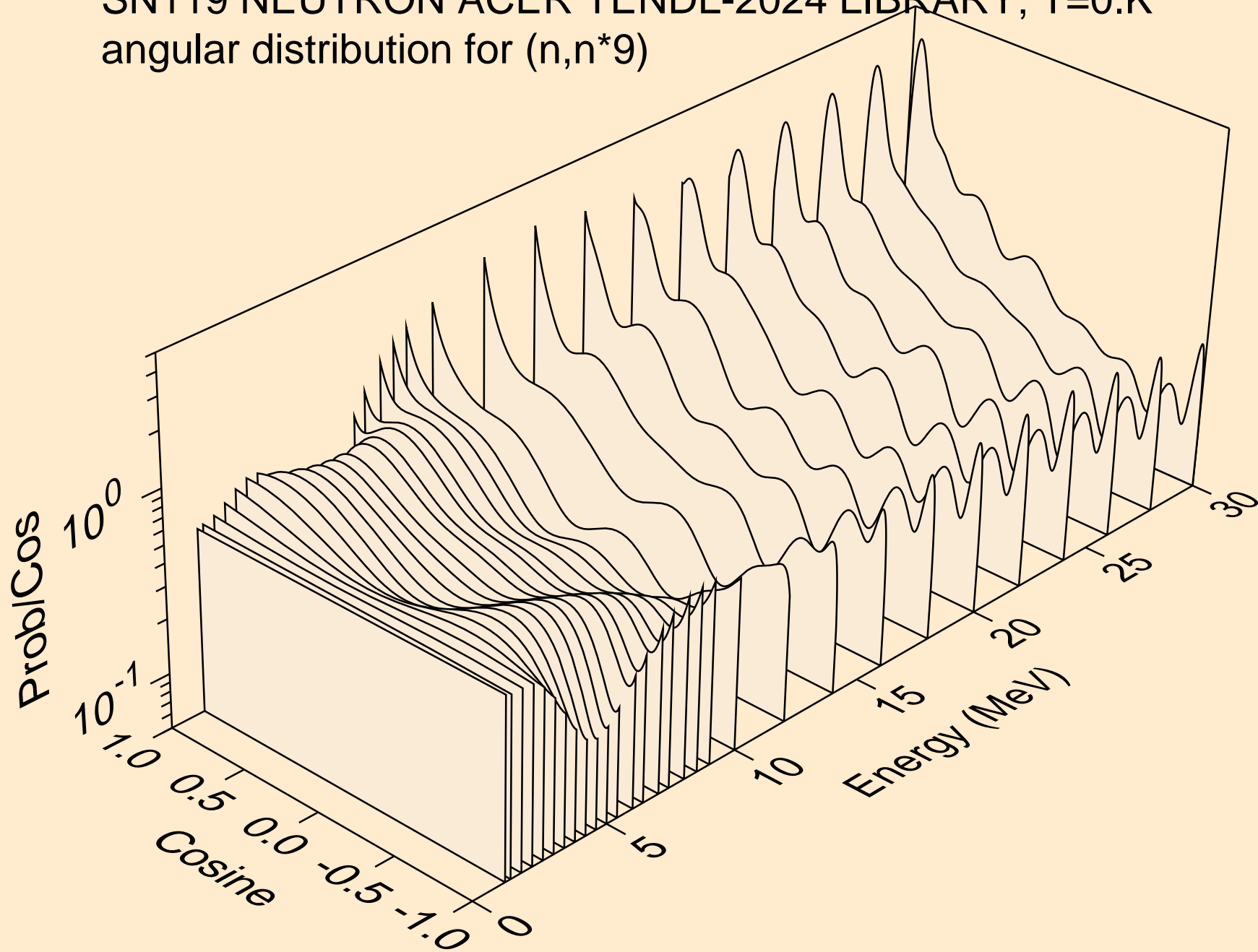




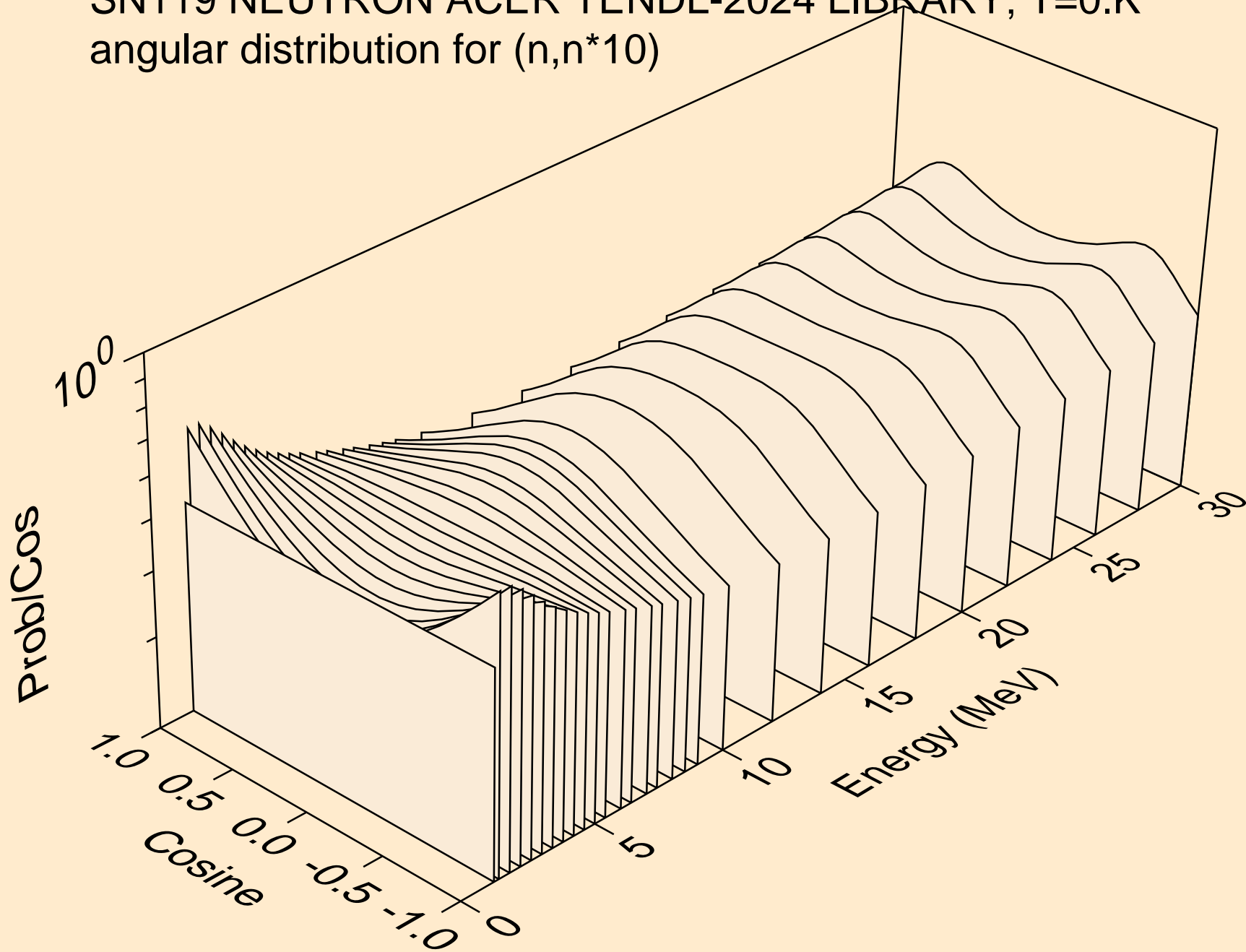
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



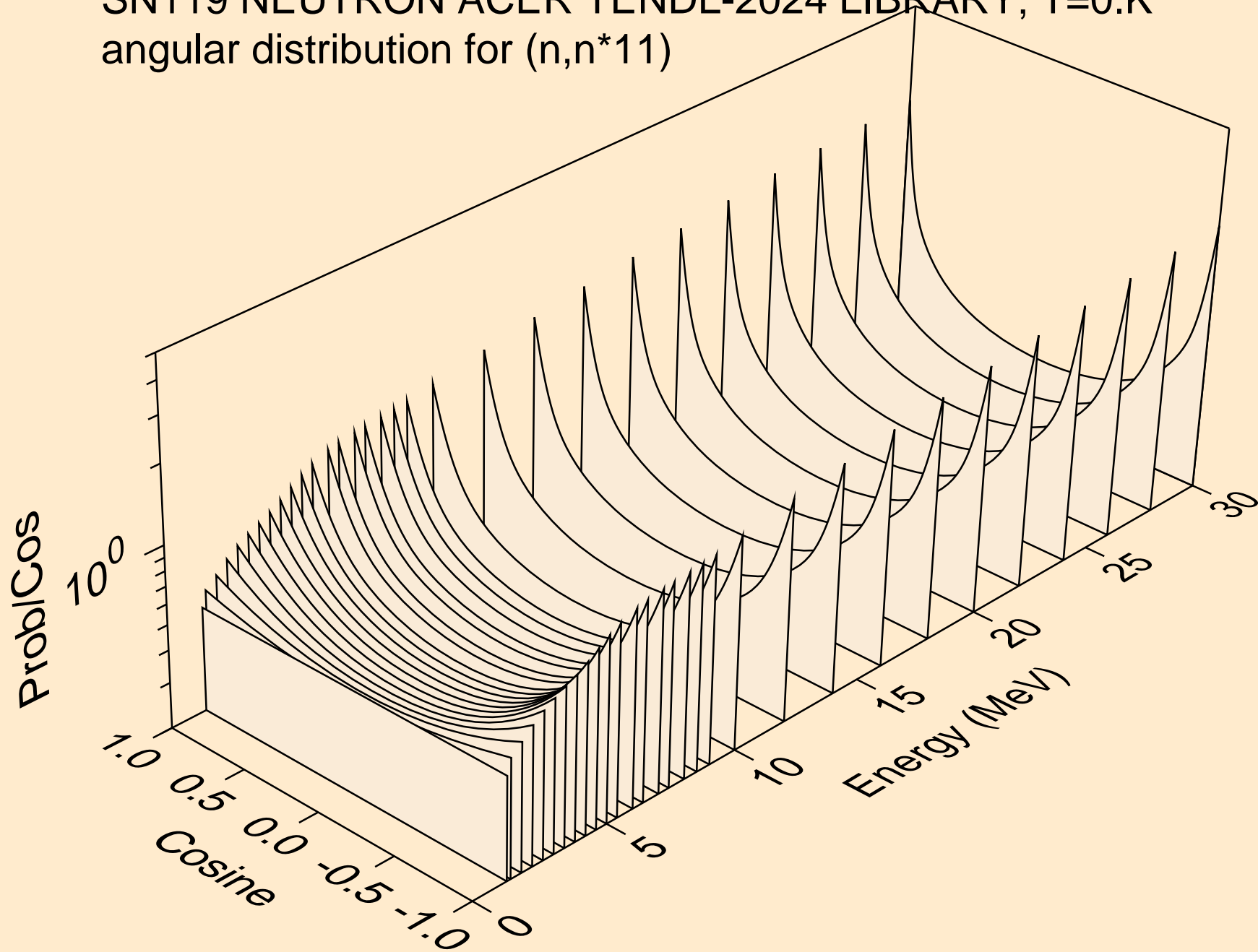
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



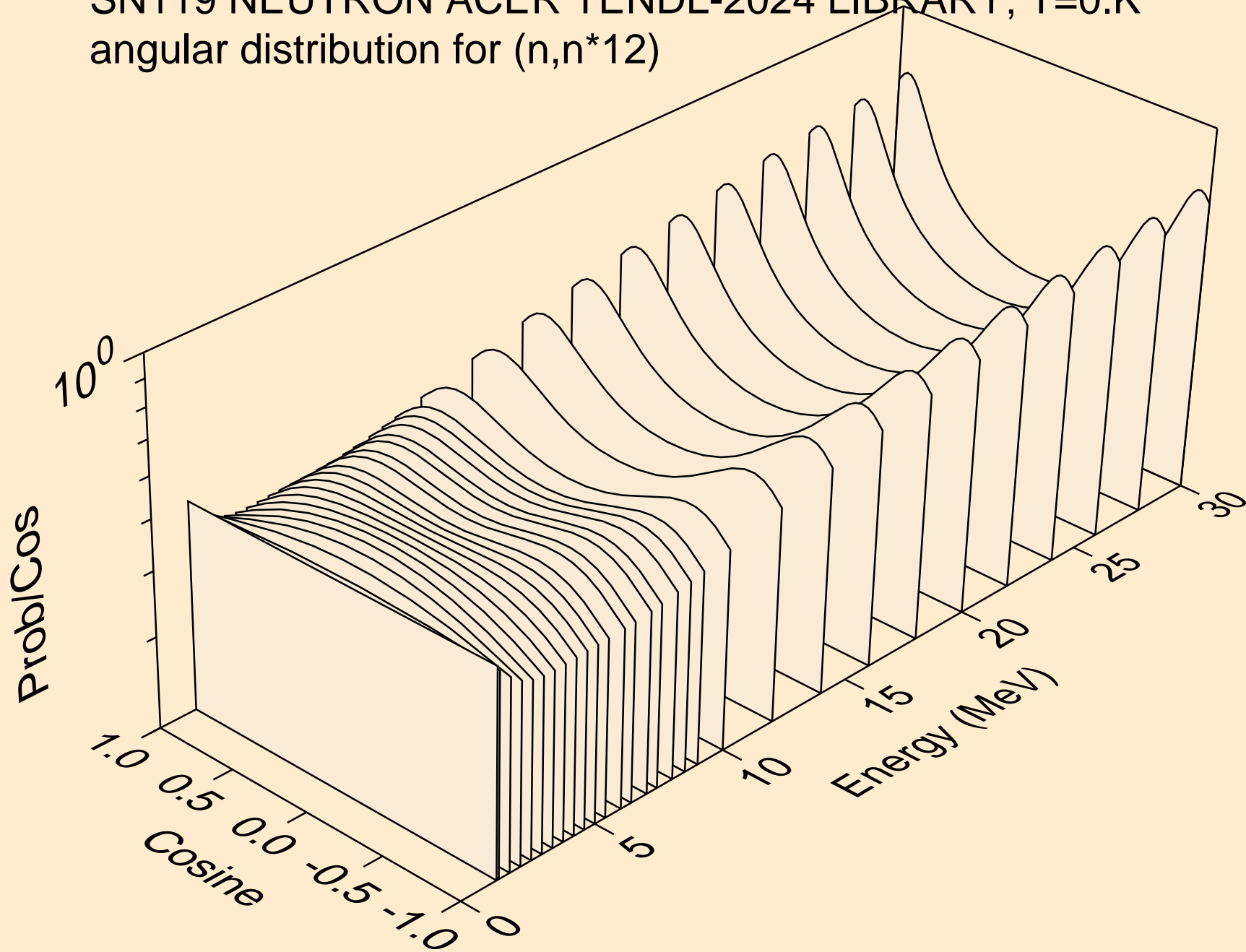
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



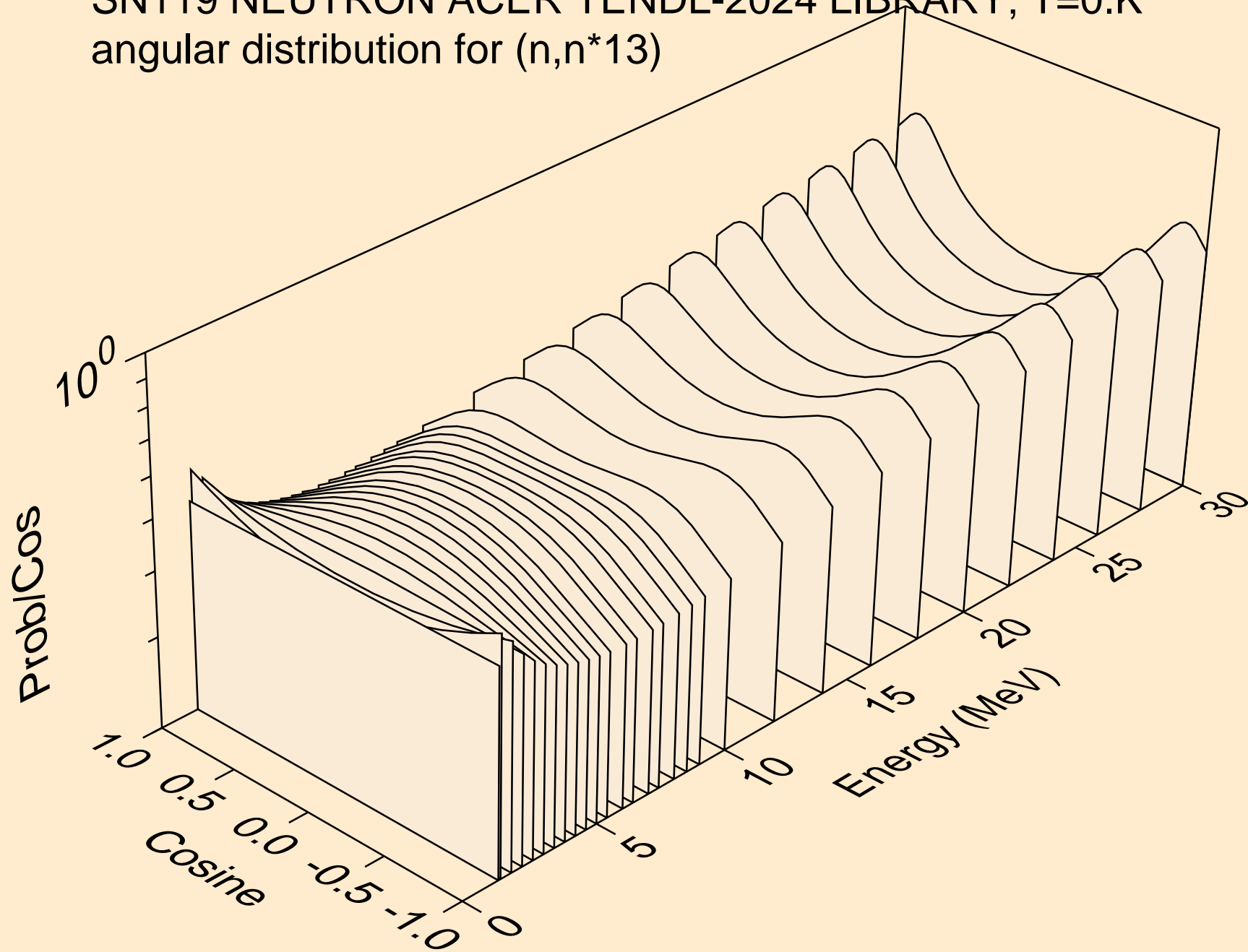
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



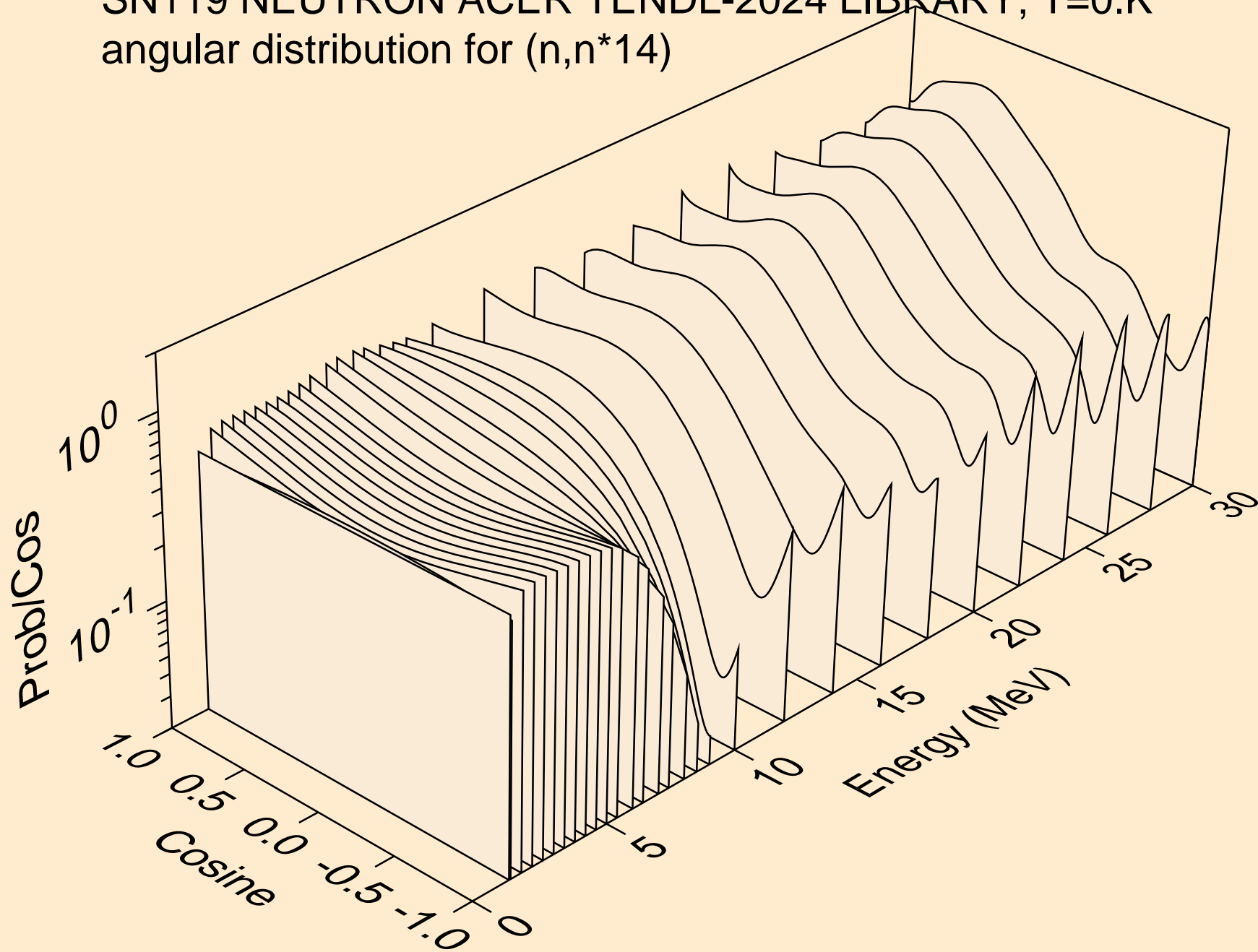
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



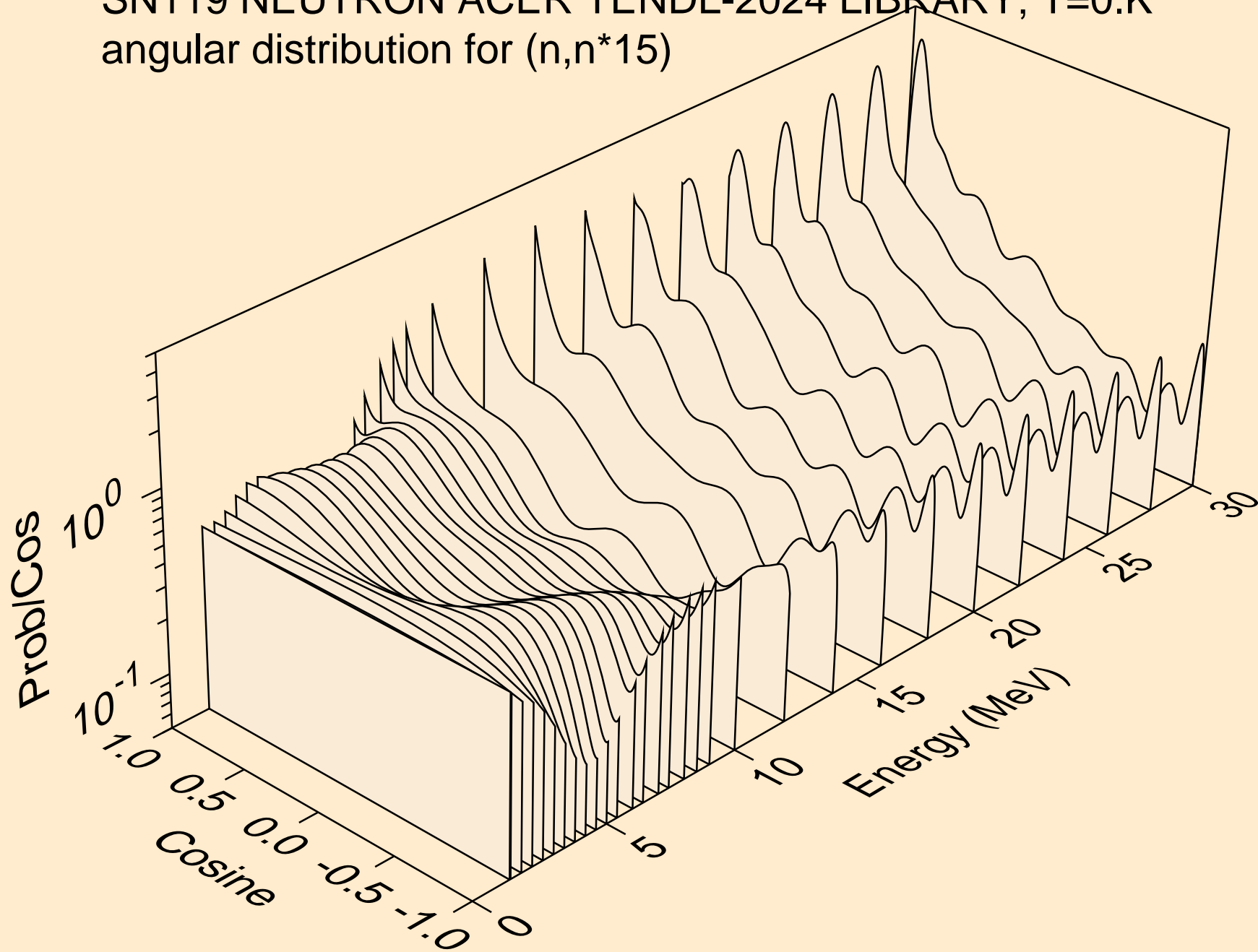
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

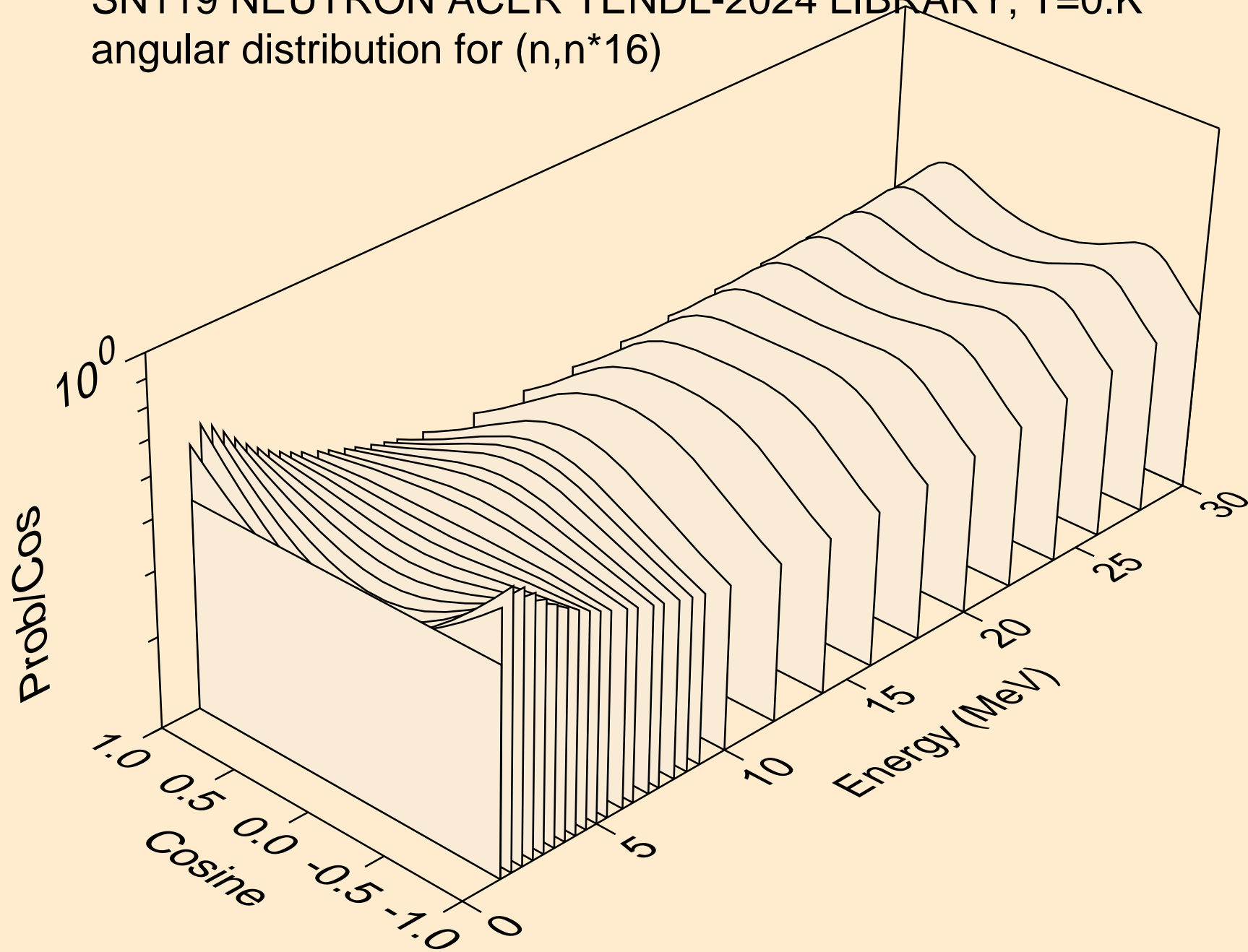


SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

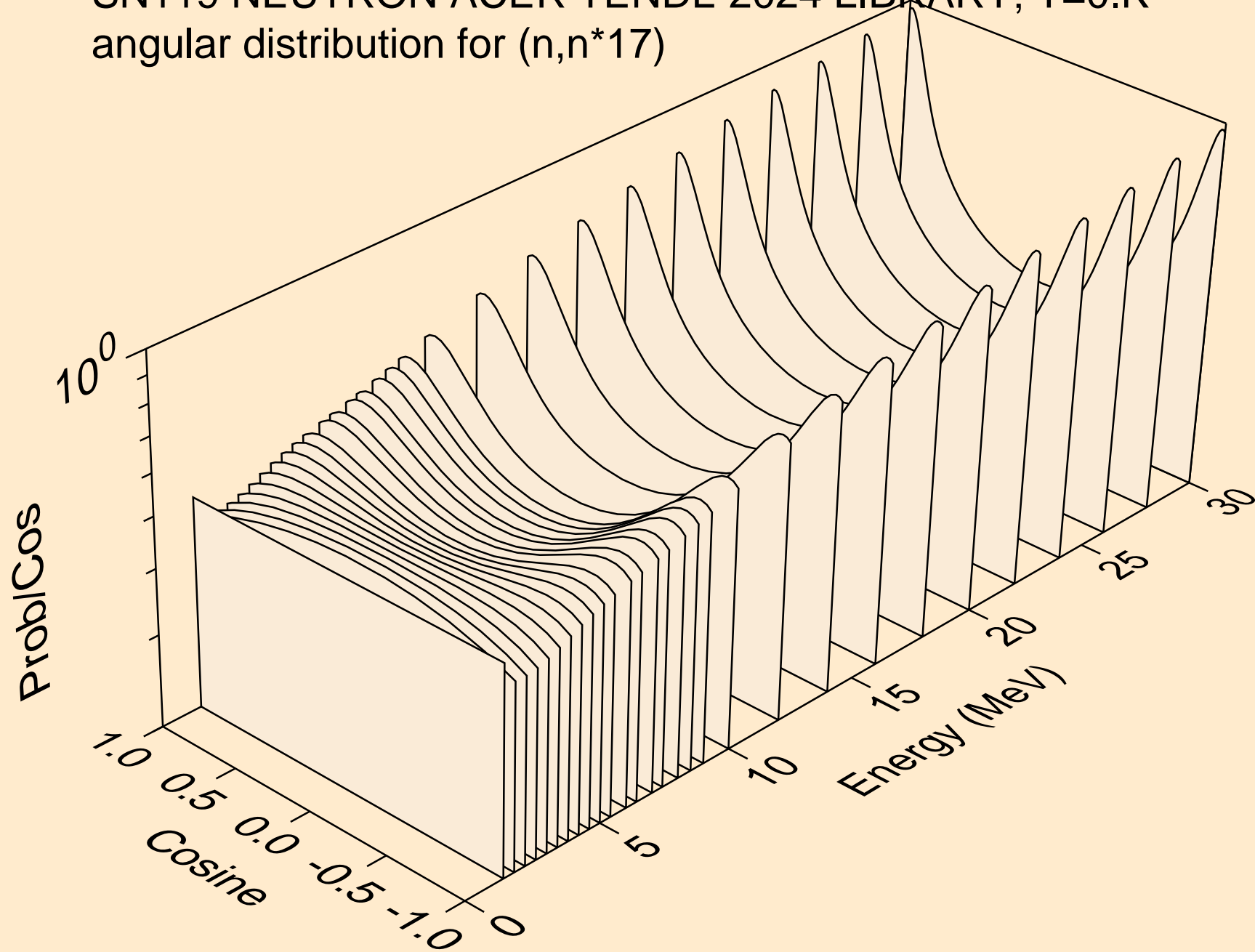




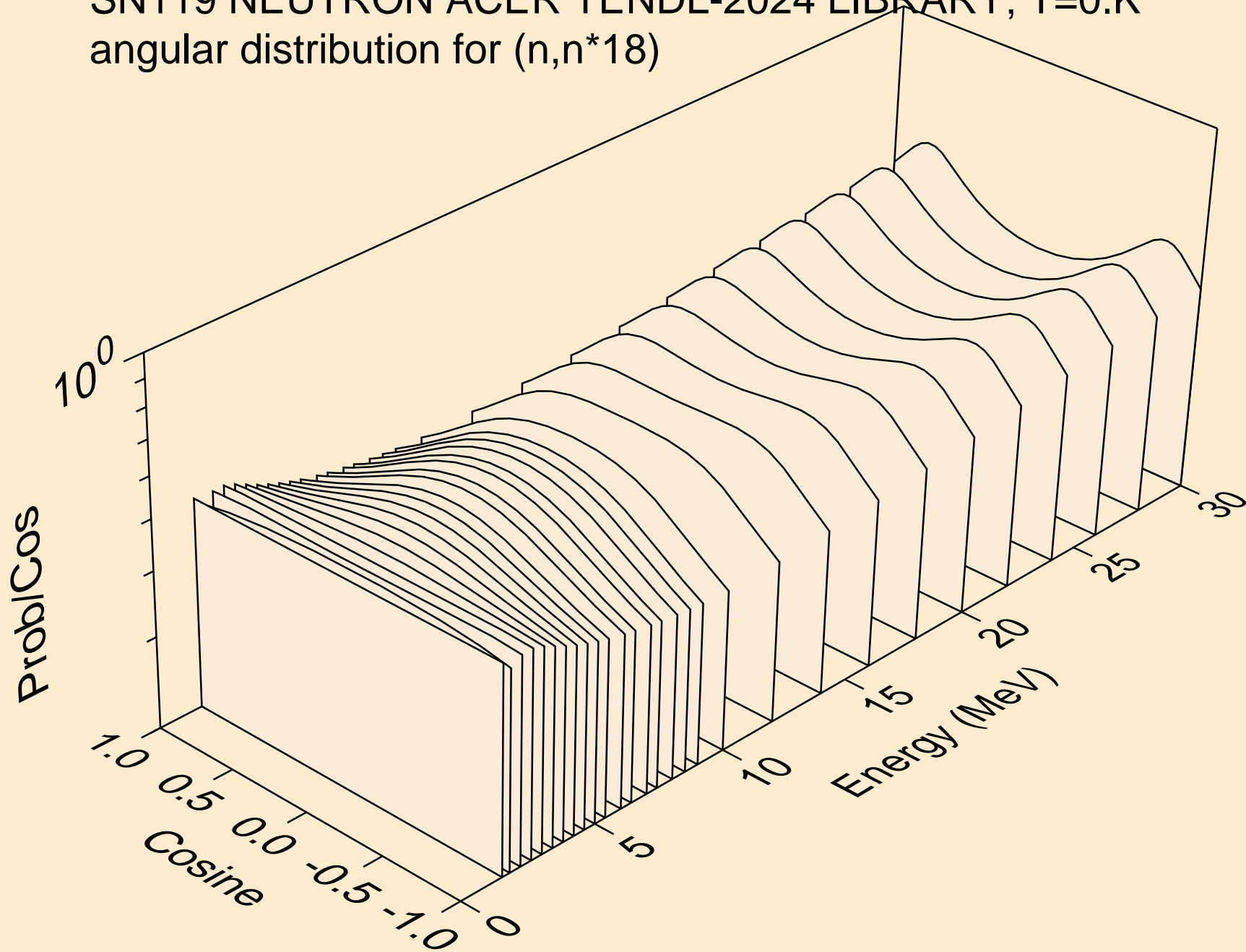
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



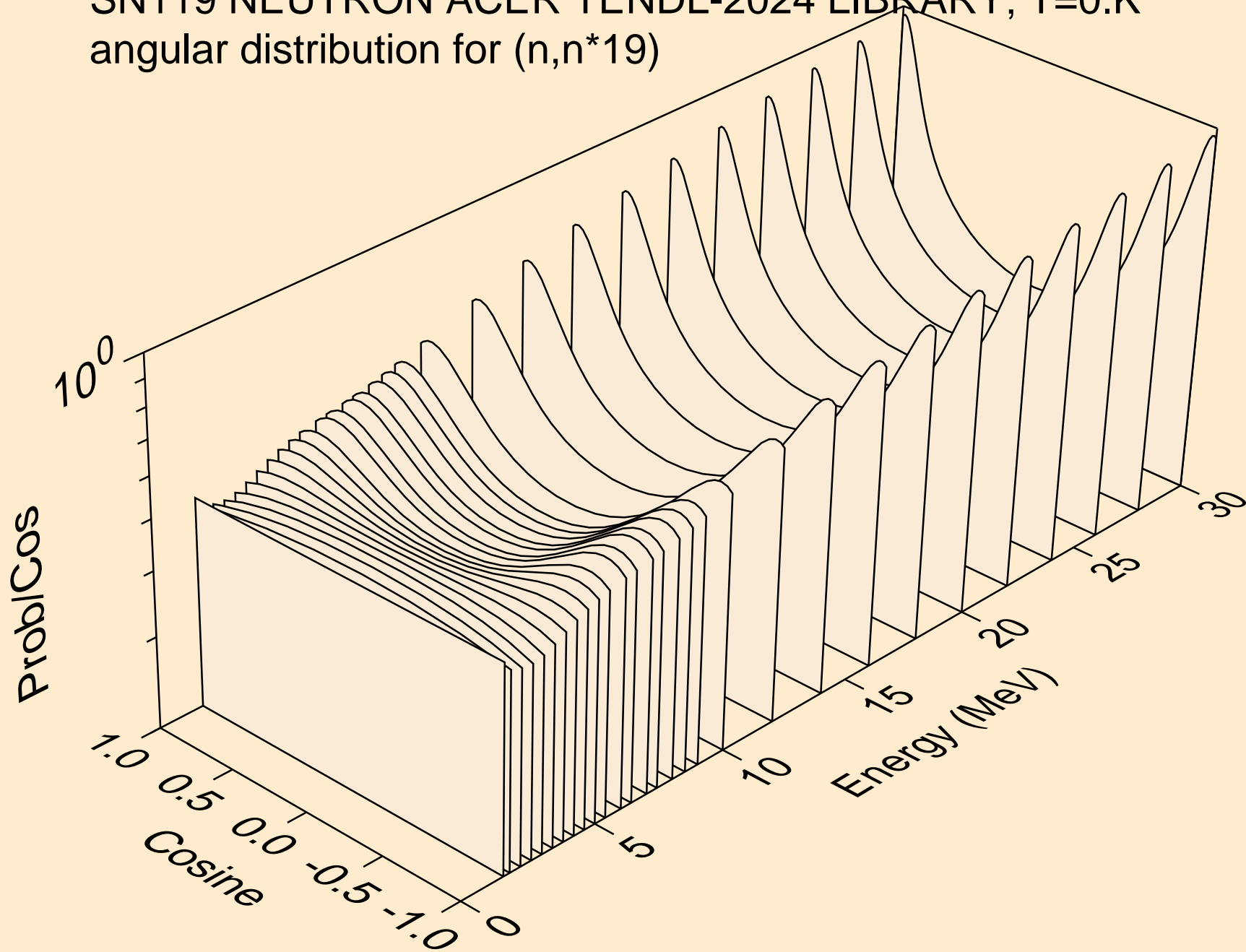
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



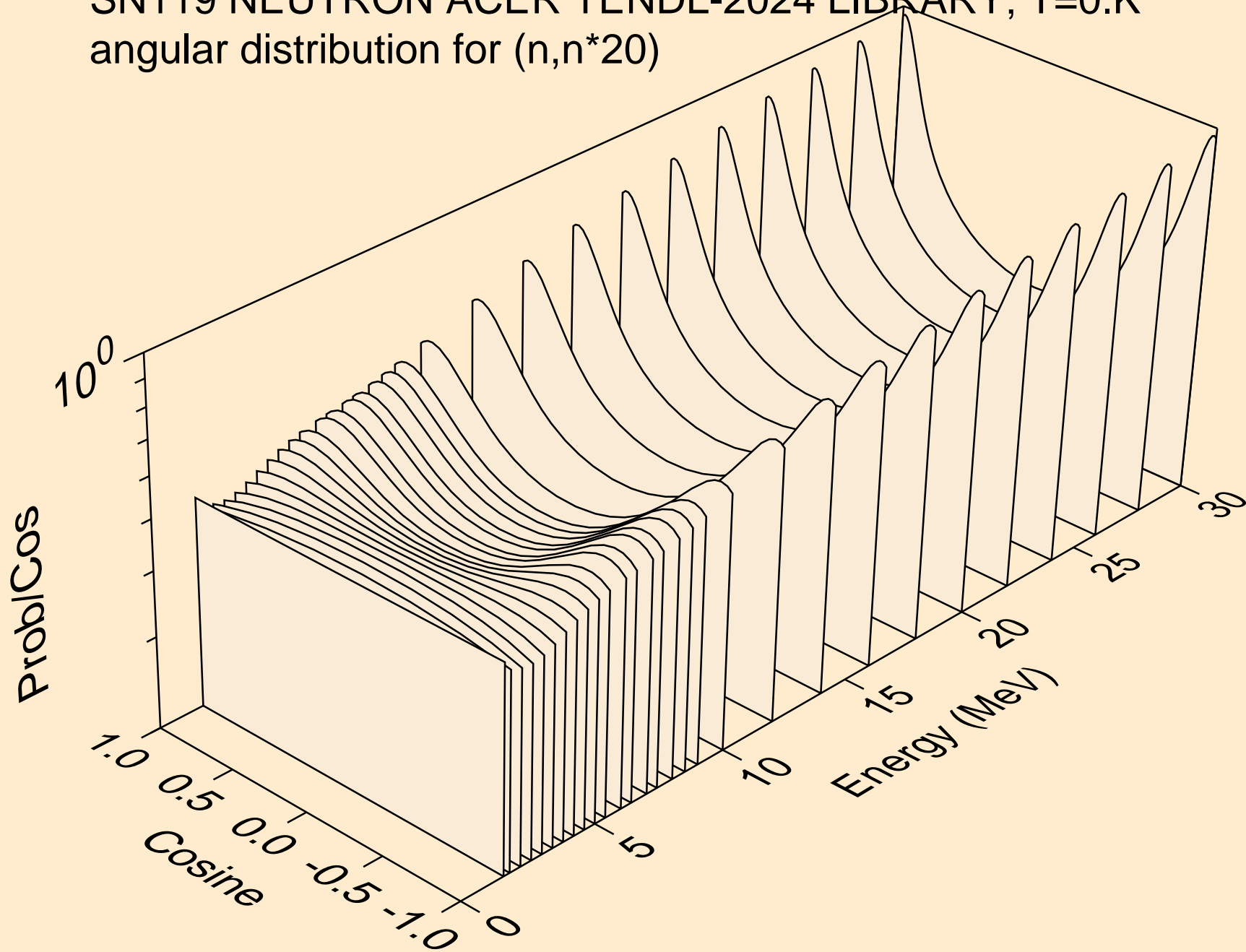
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



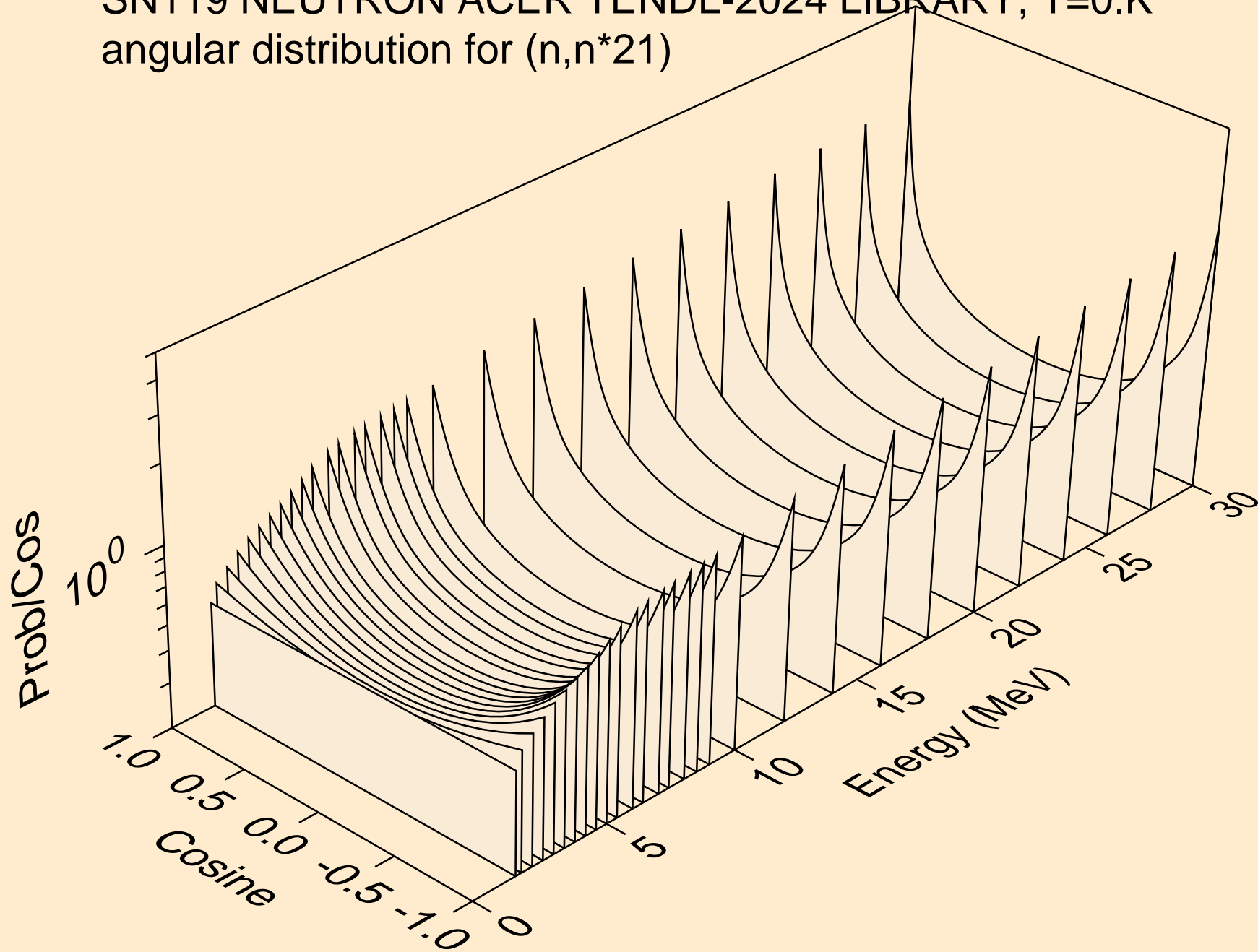
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



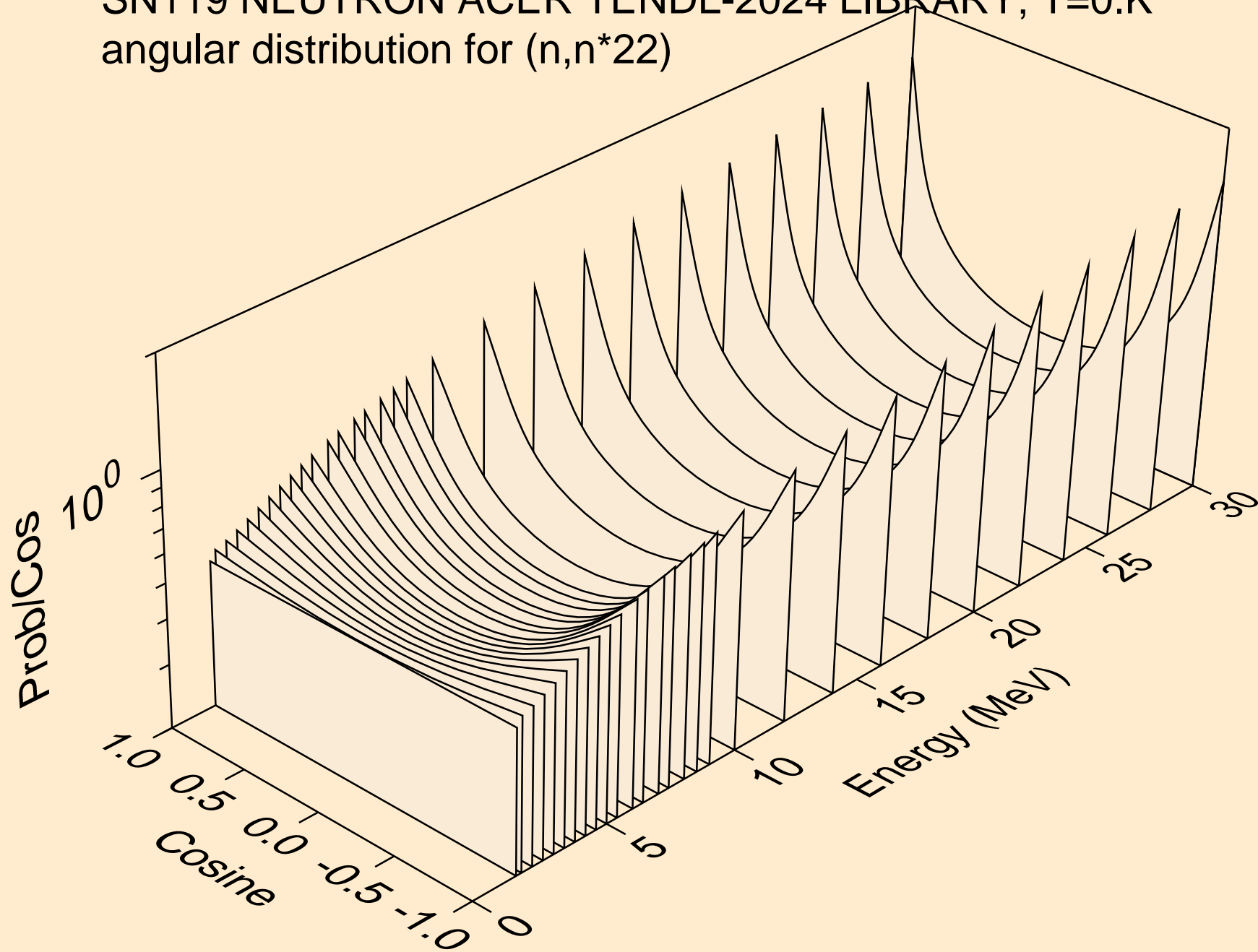
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



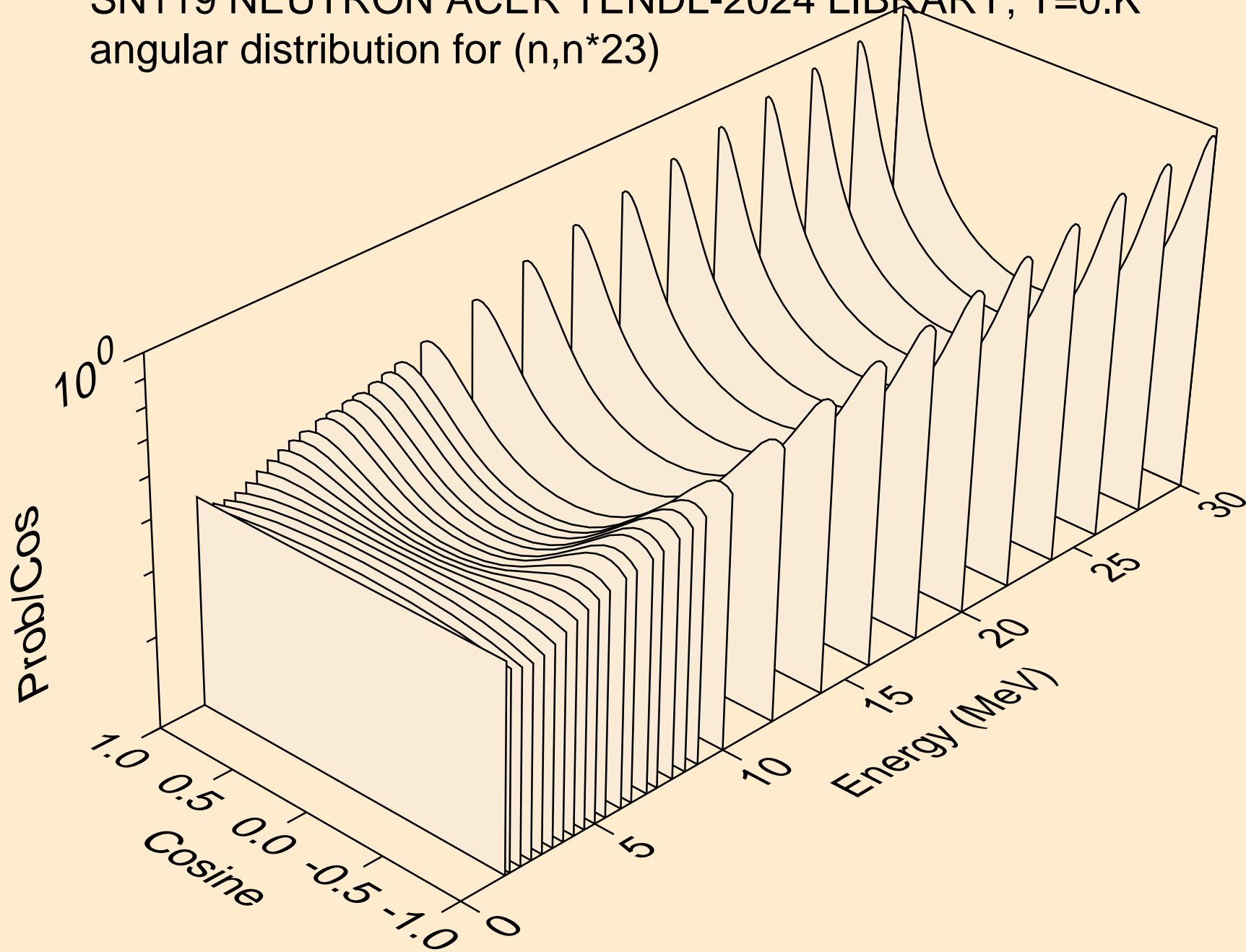
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)

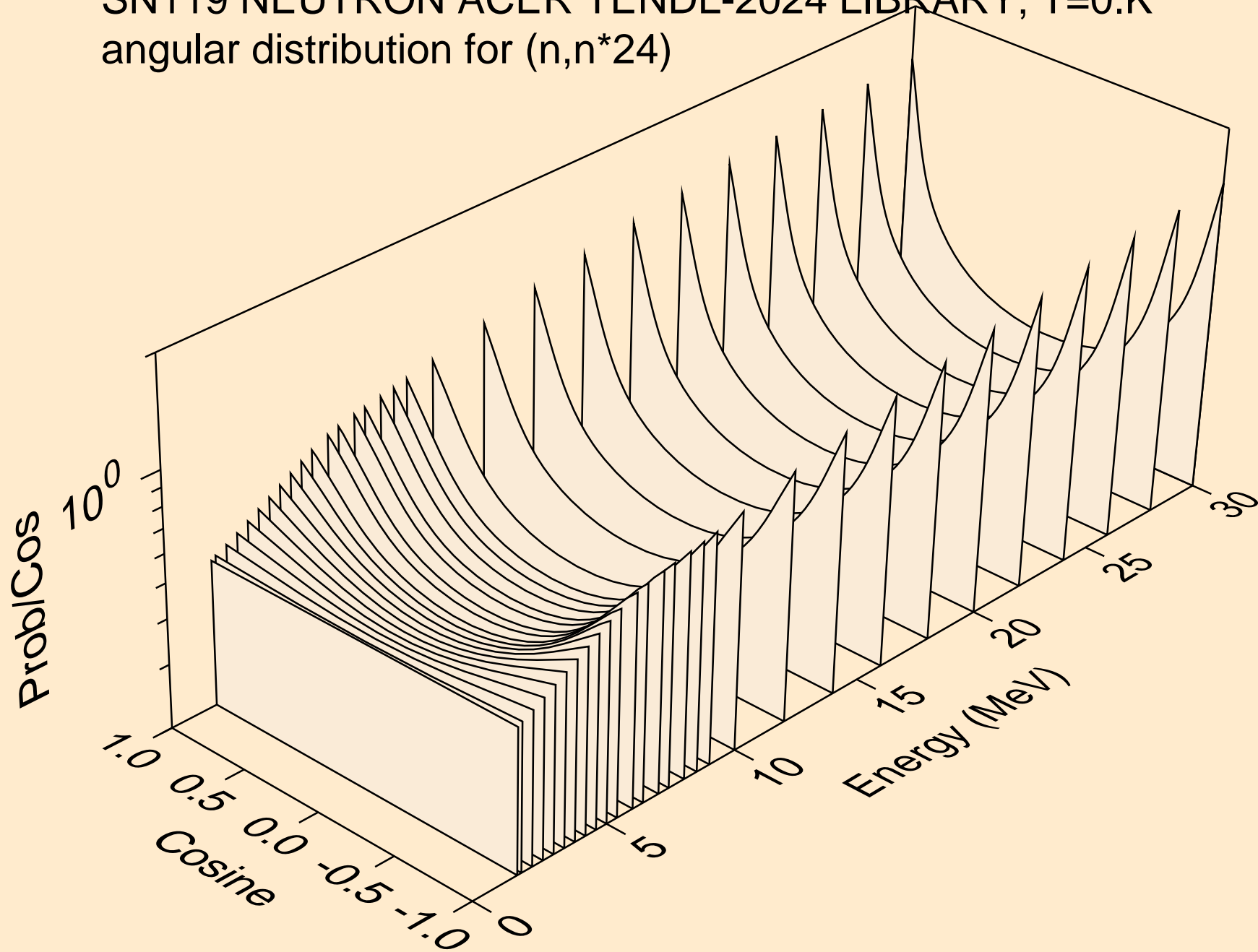


SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)

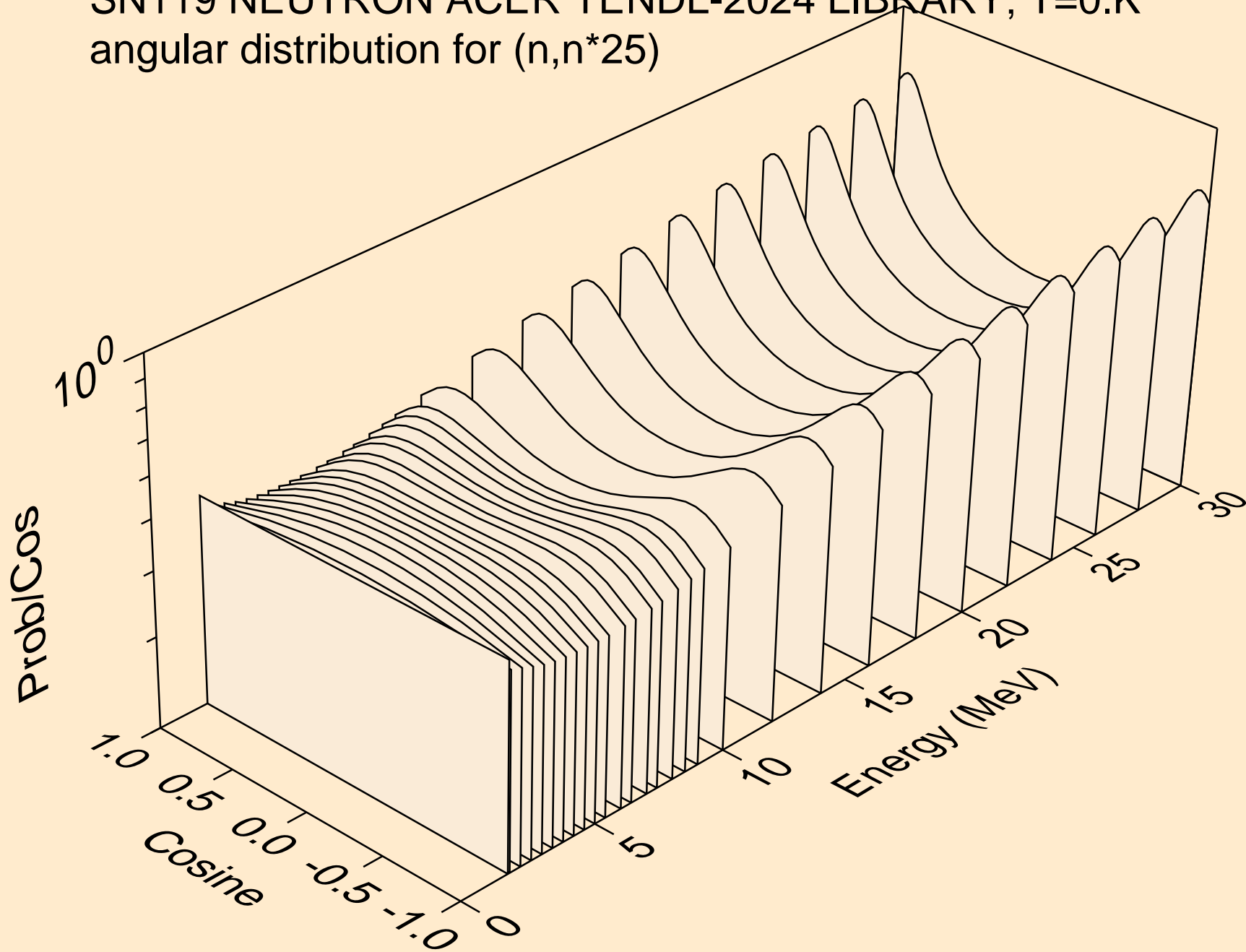




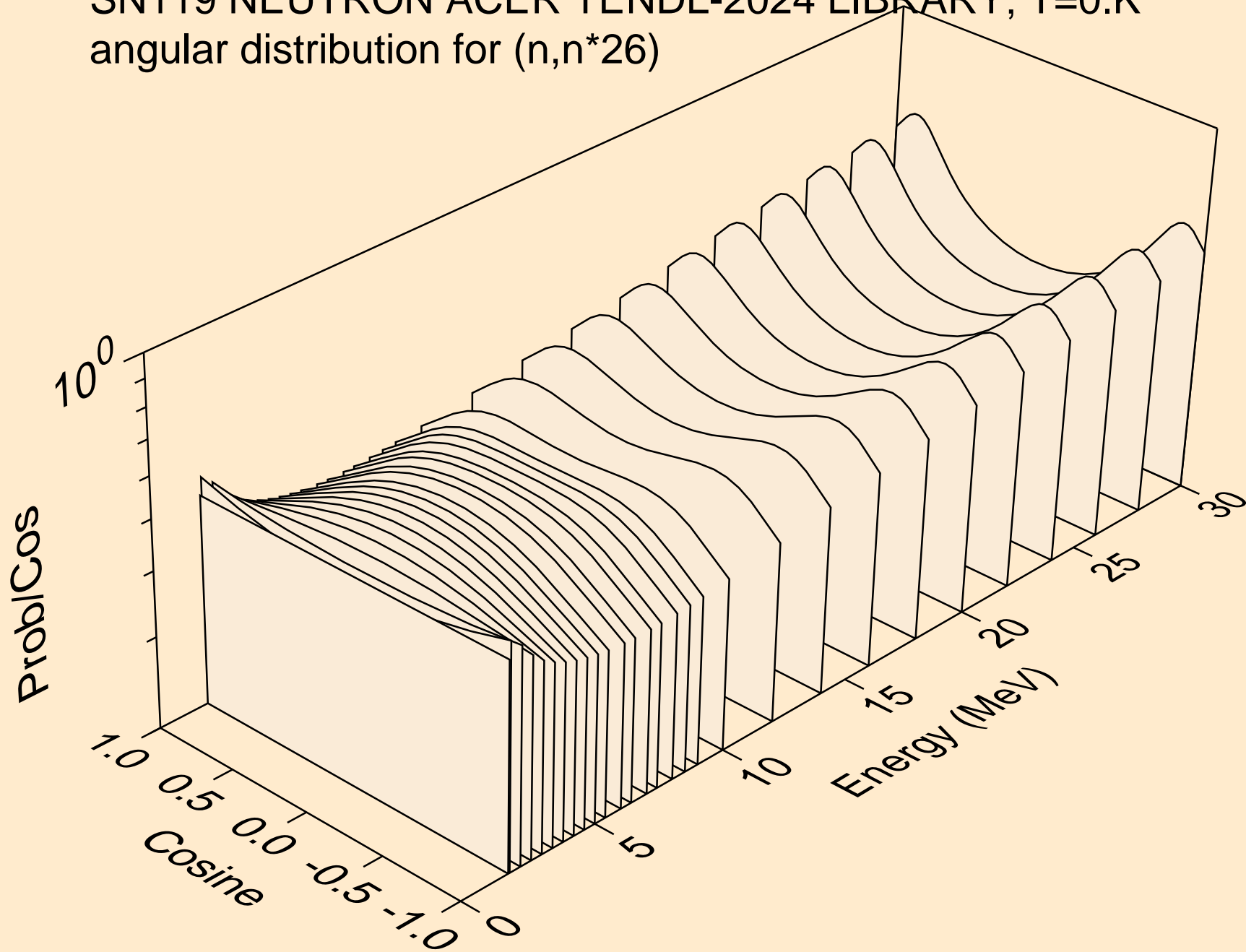
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



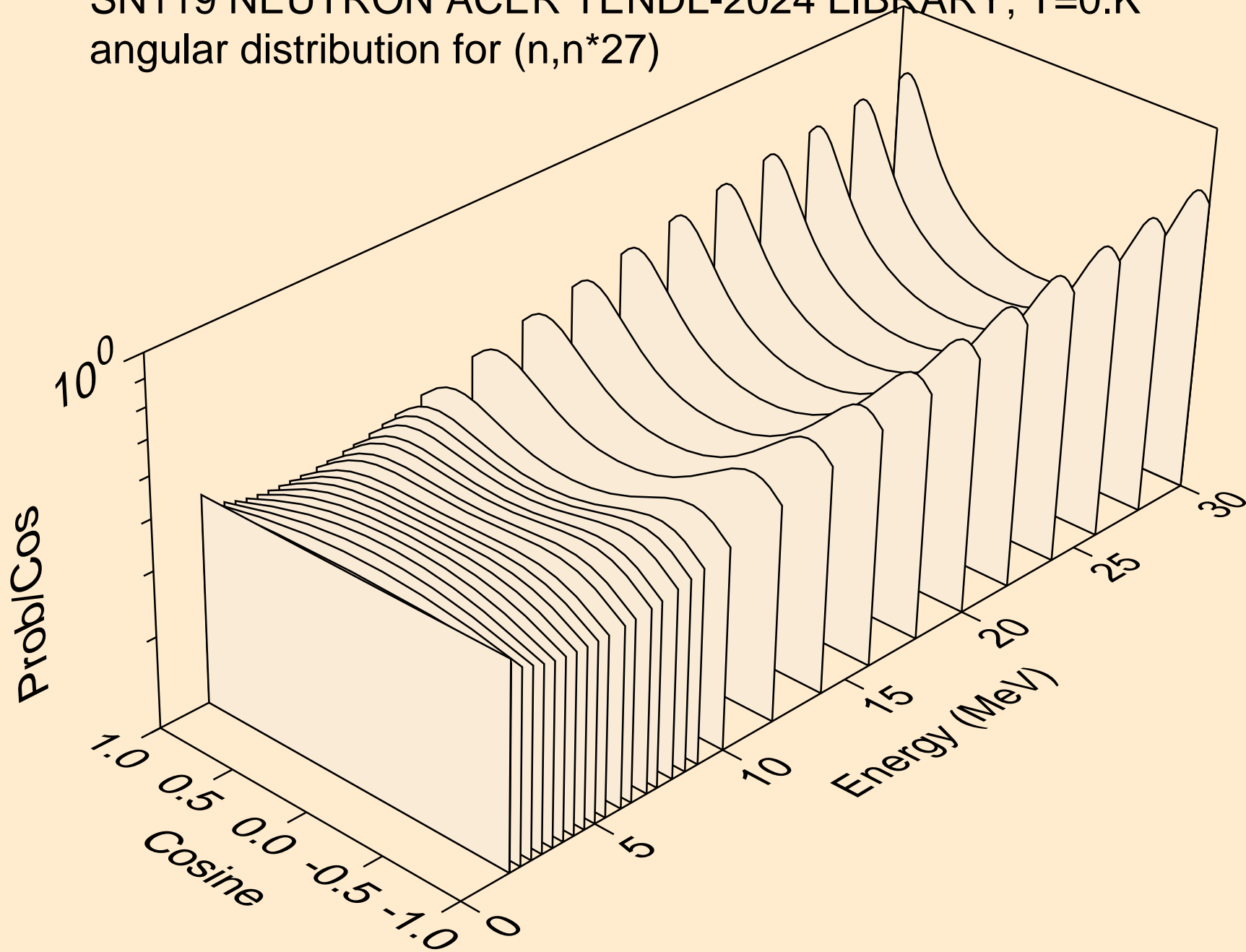
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



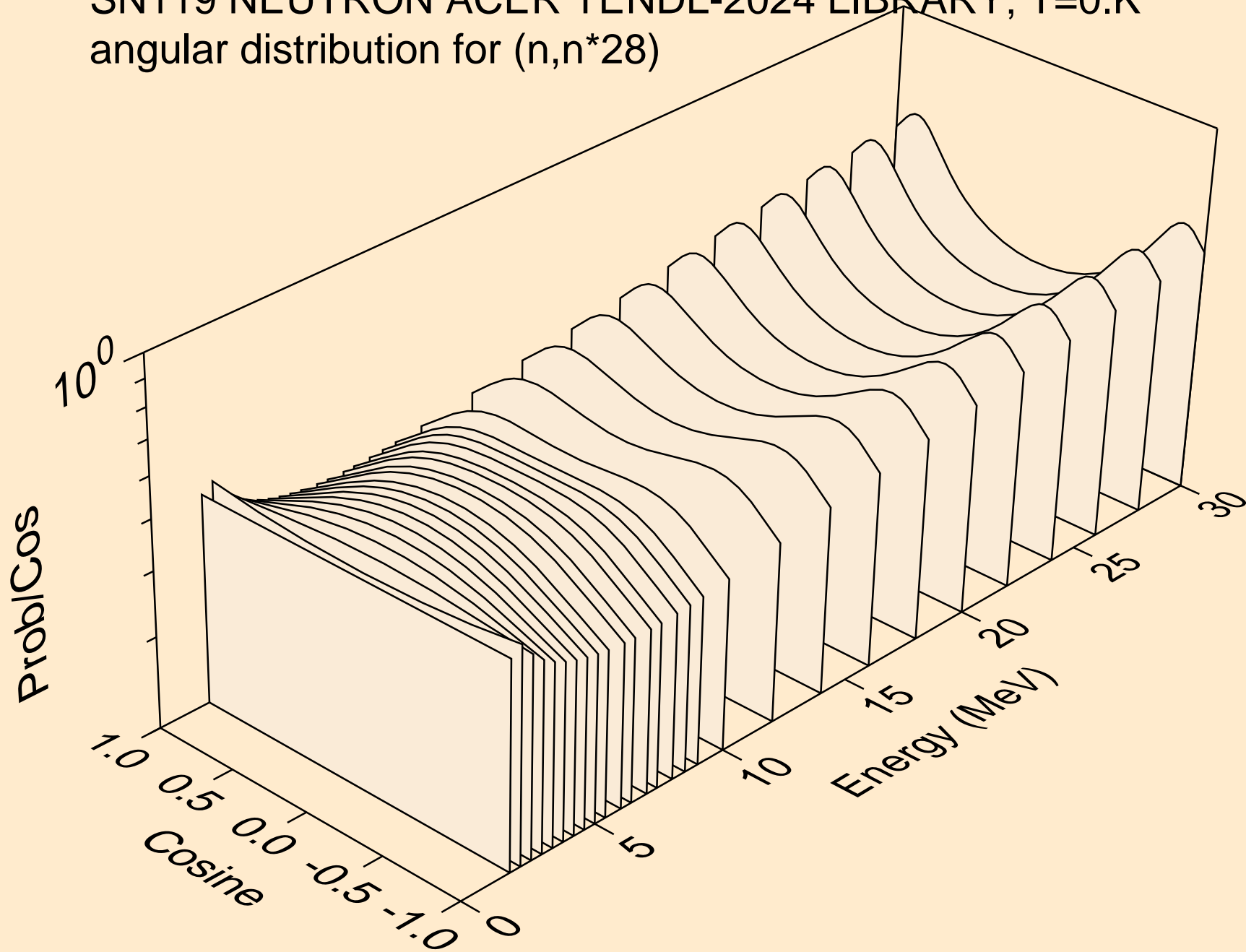
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



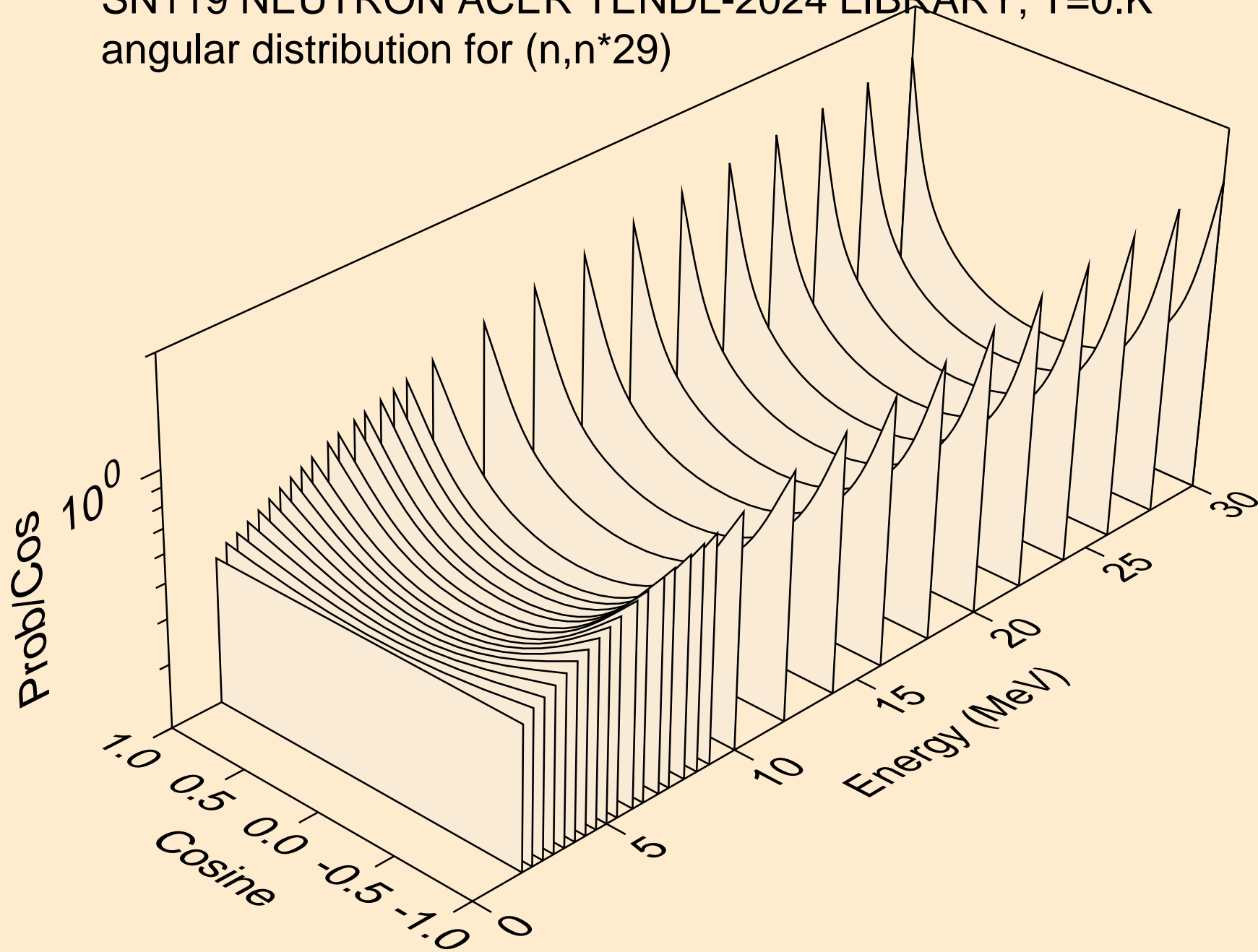
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



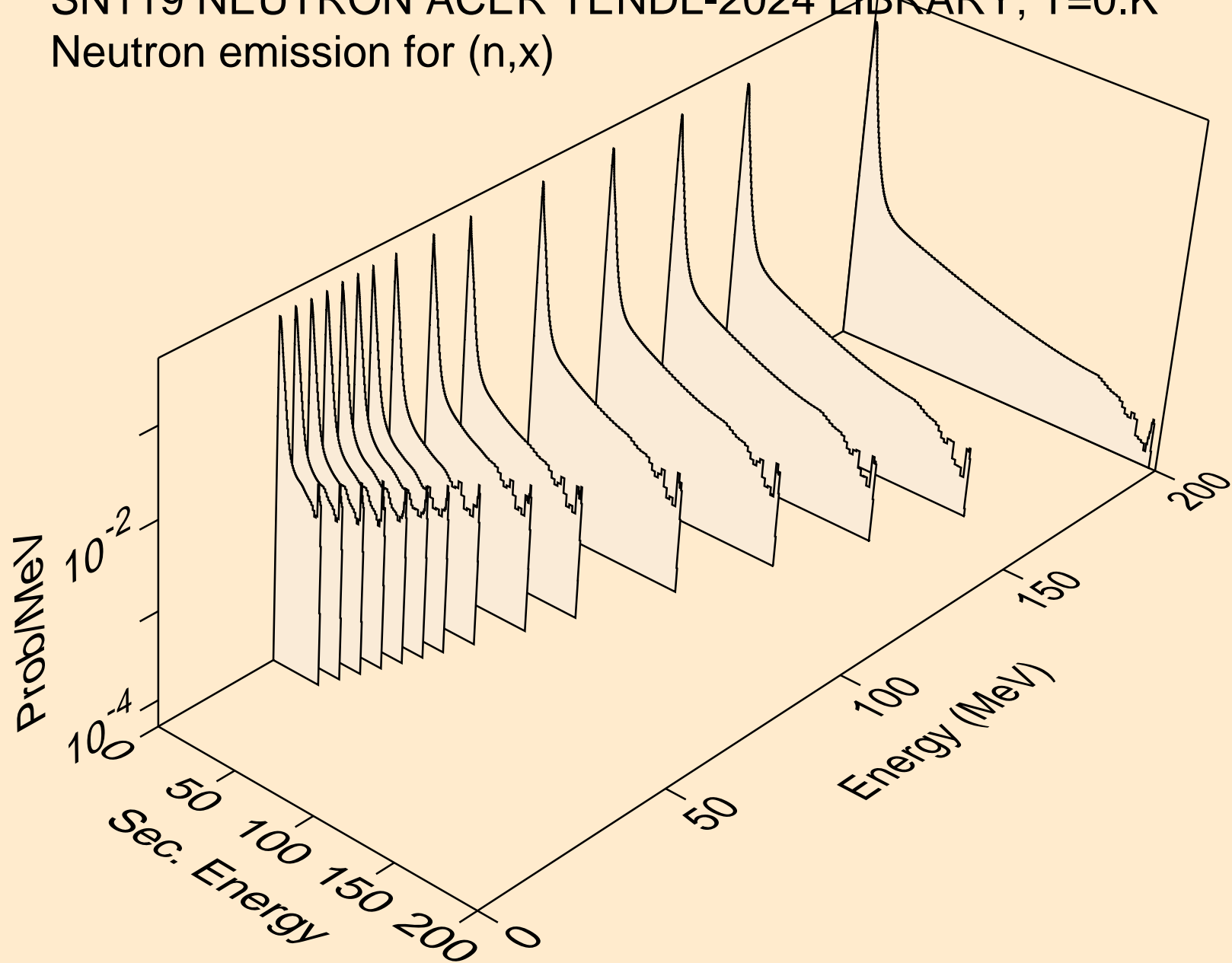
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



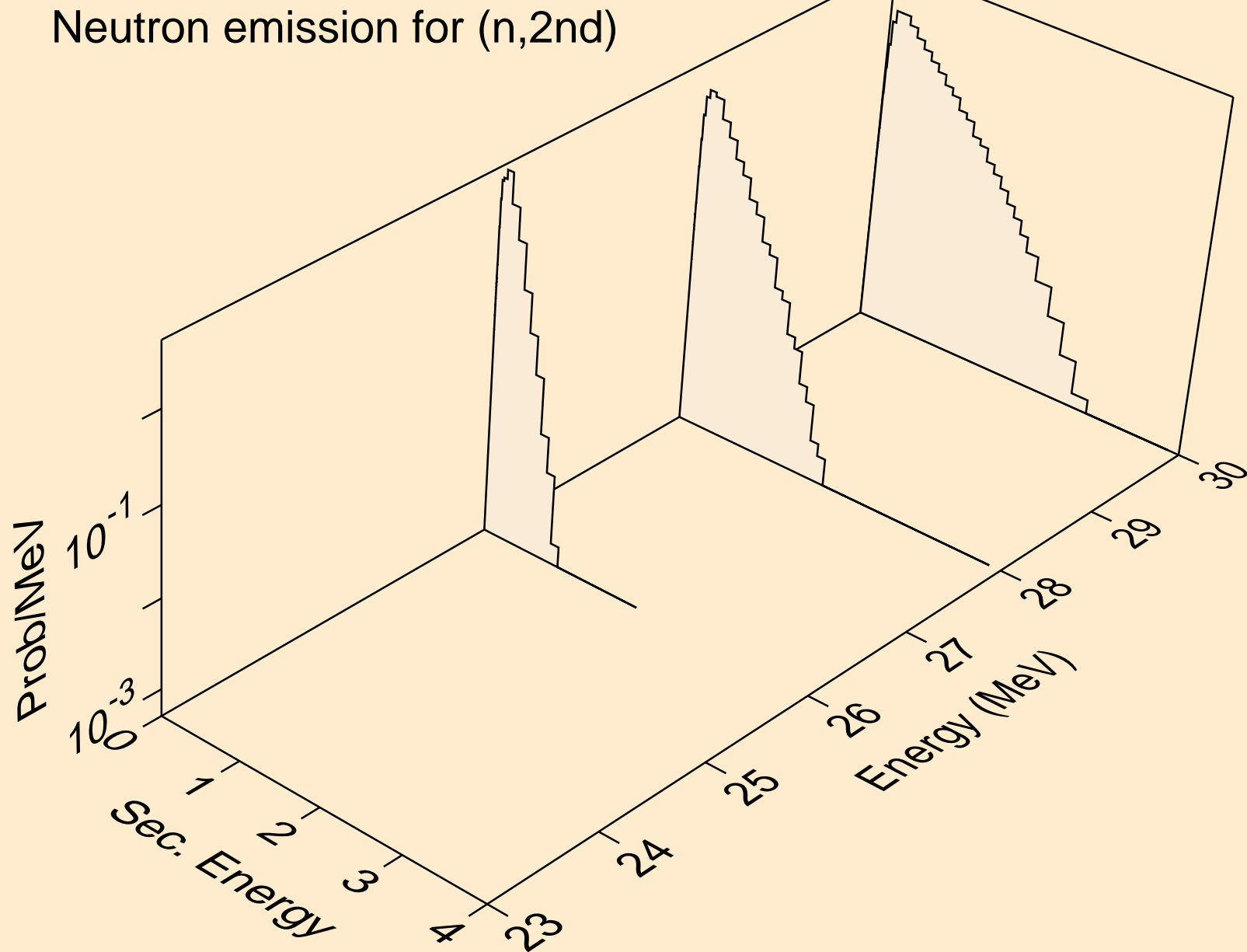
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

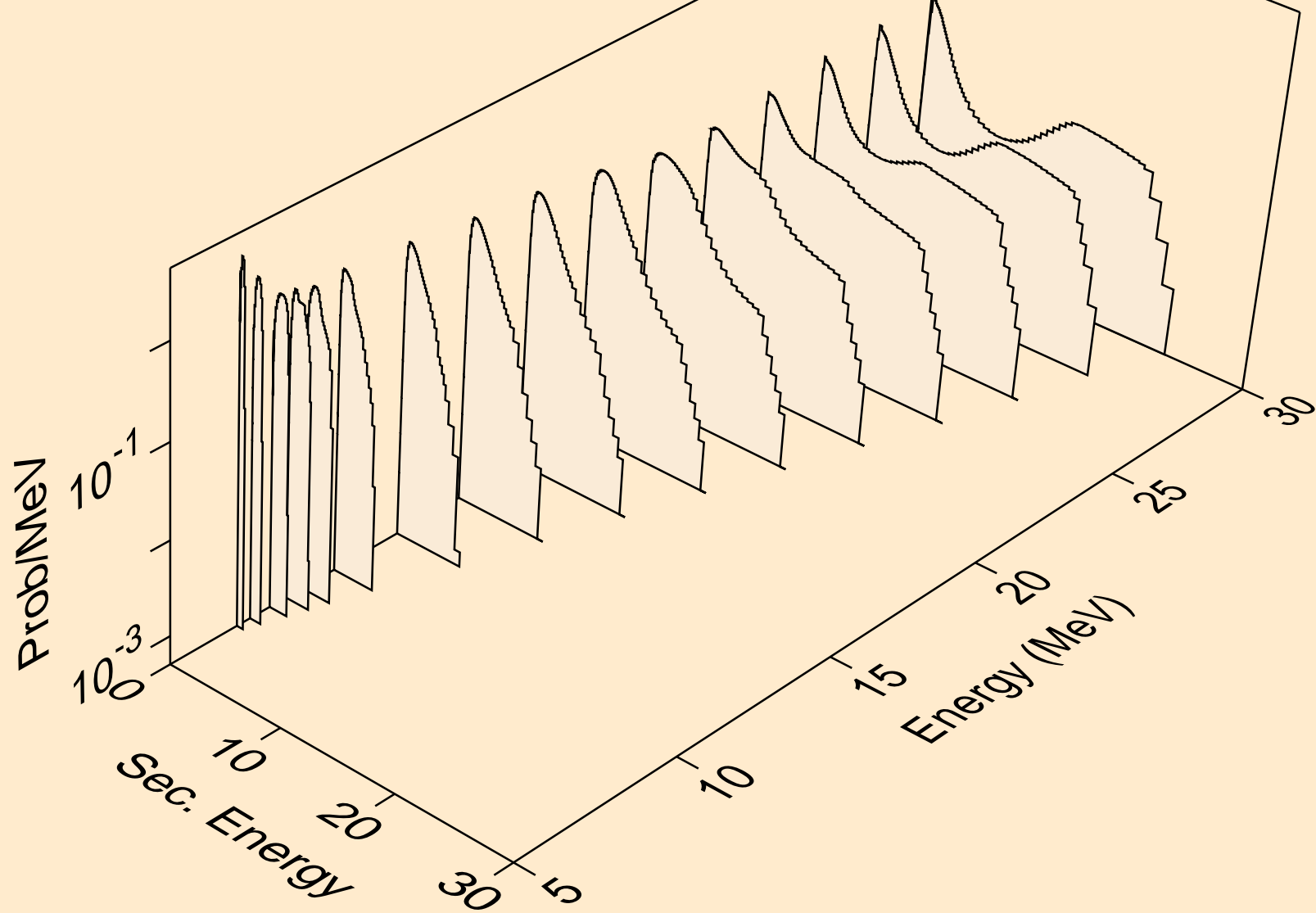


SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

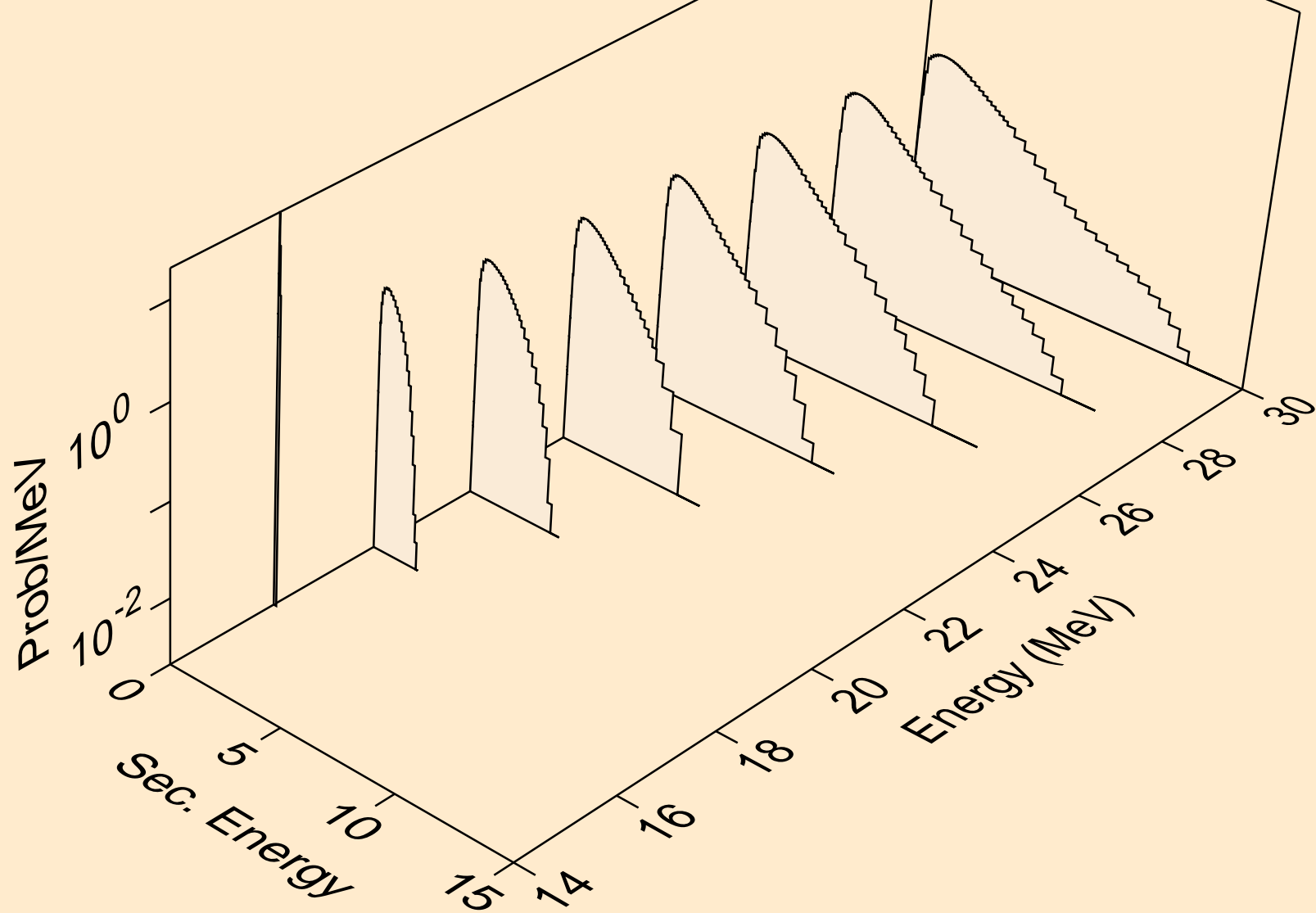




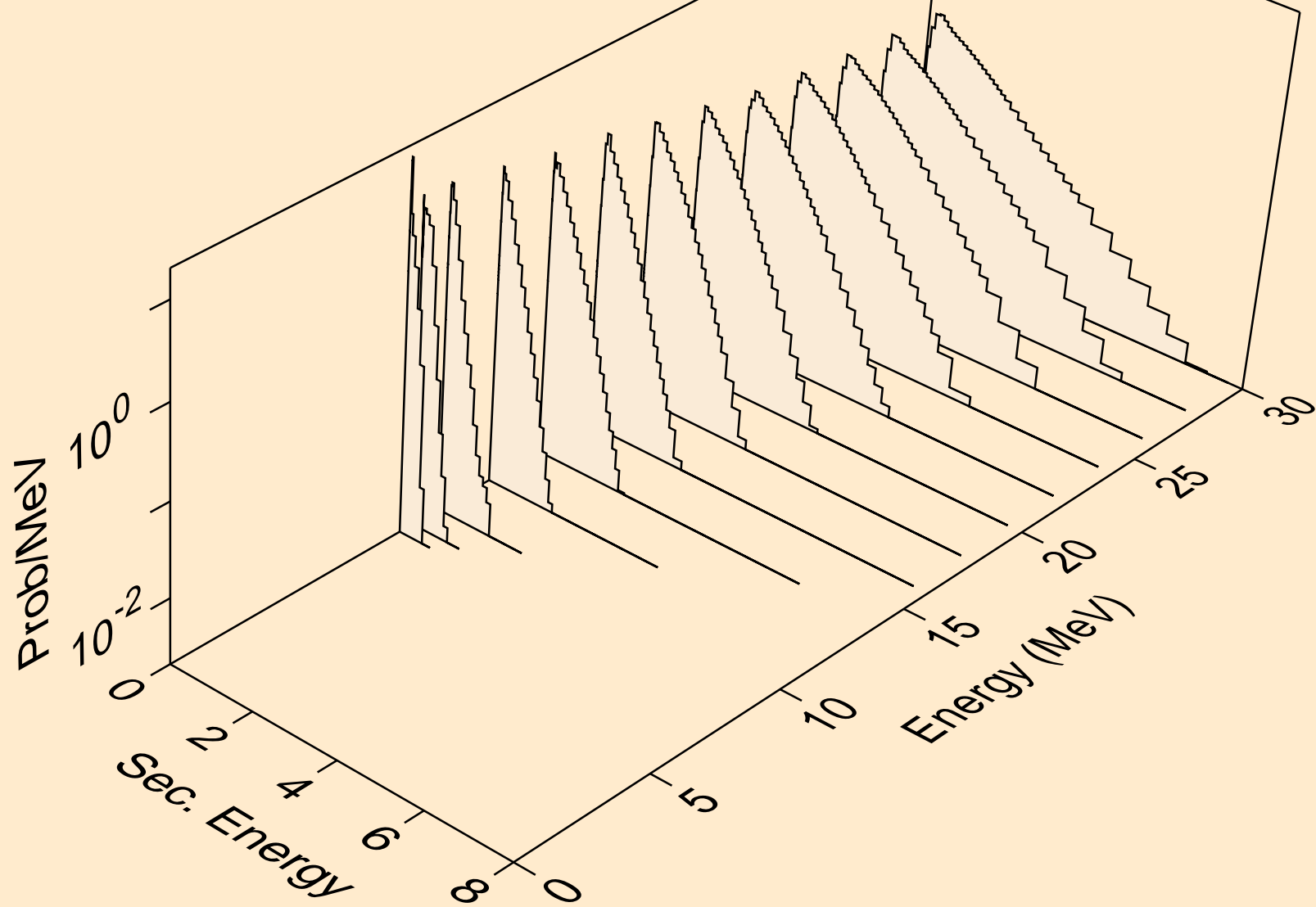
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



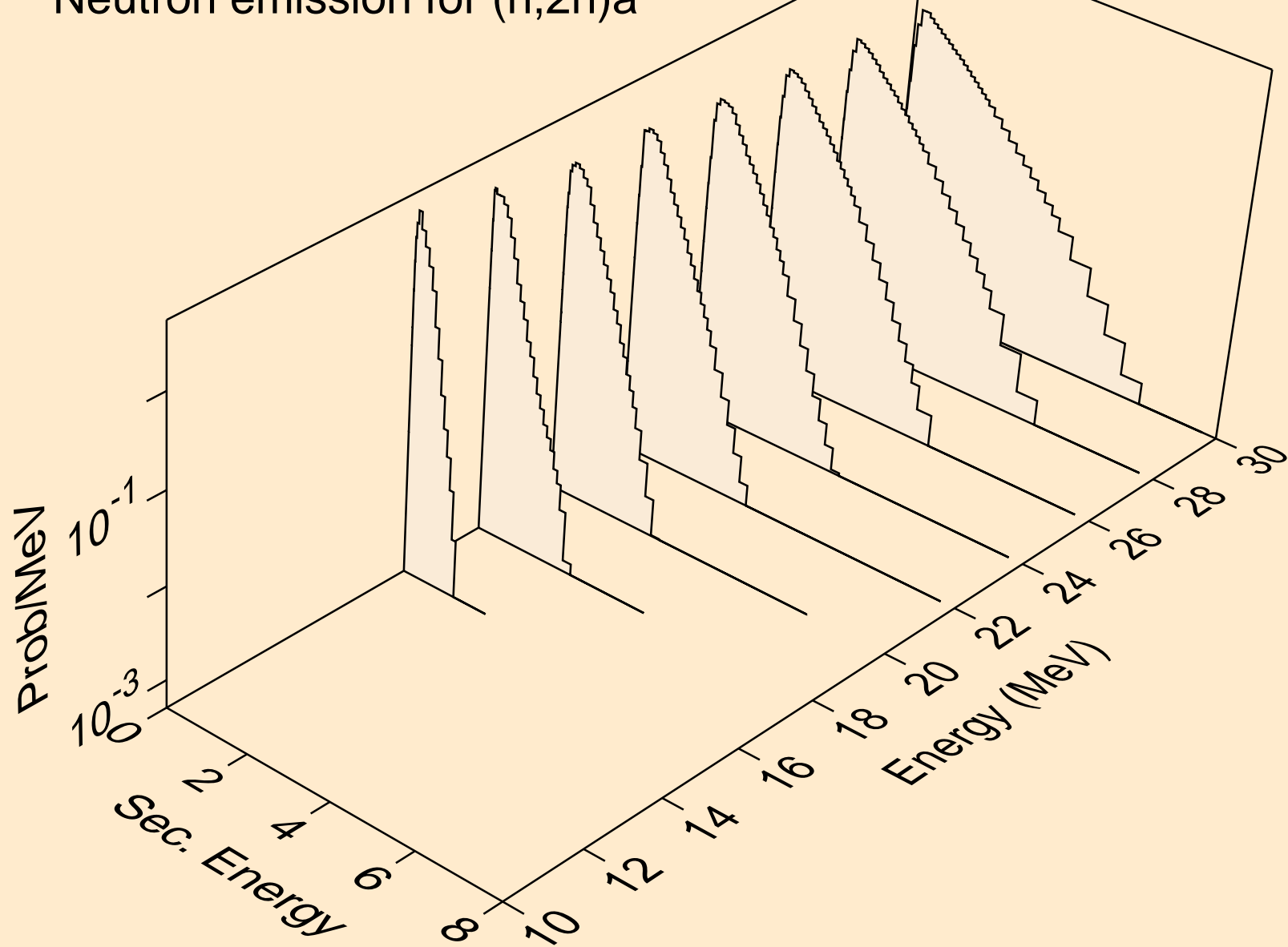
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



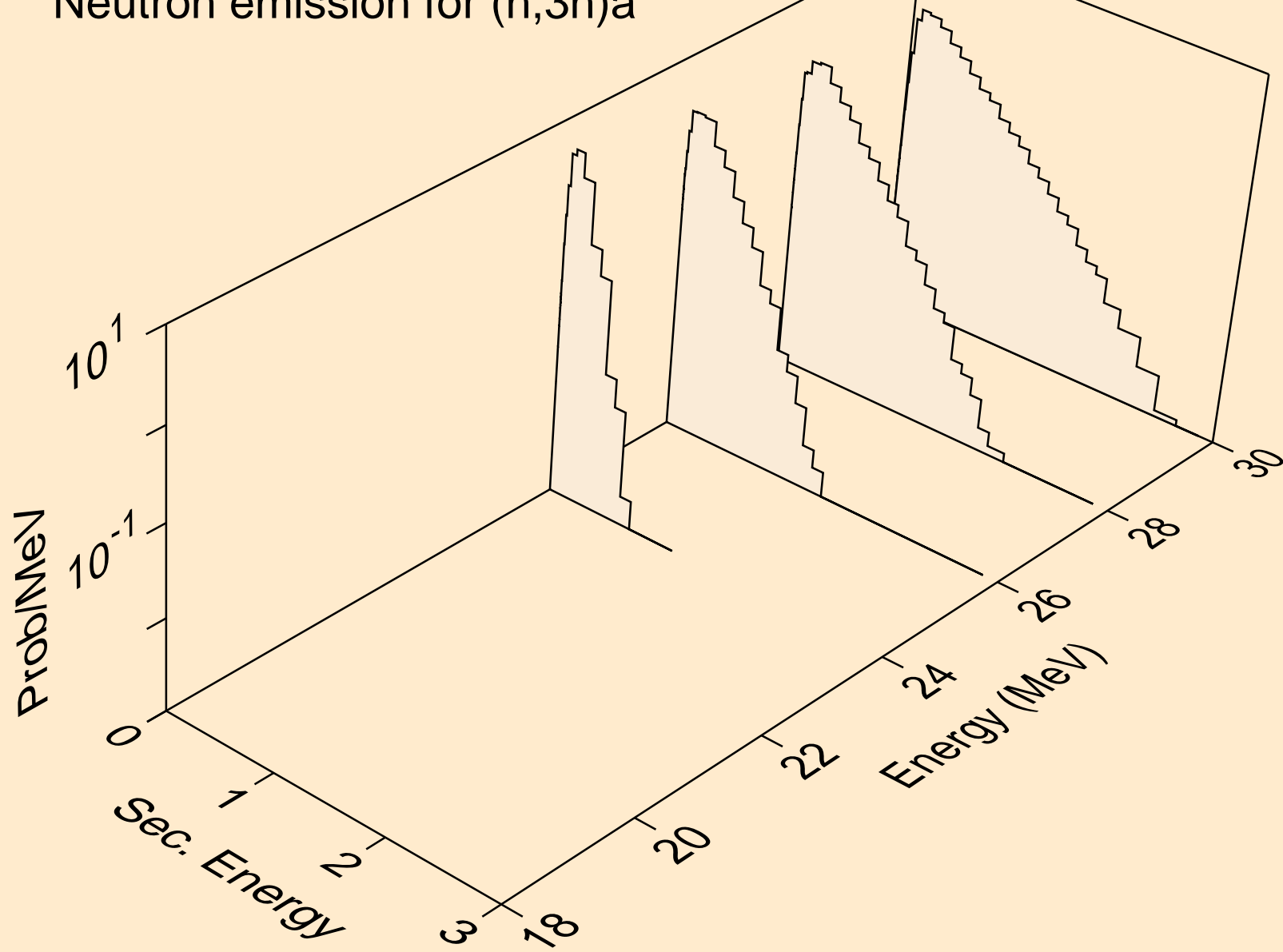
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



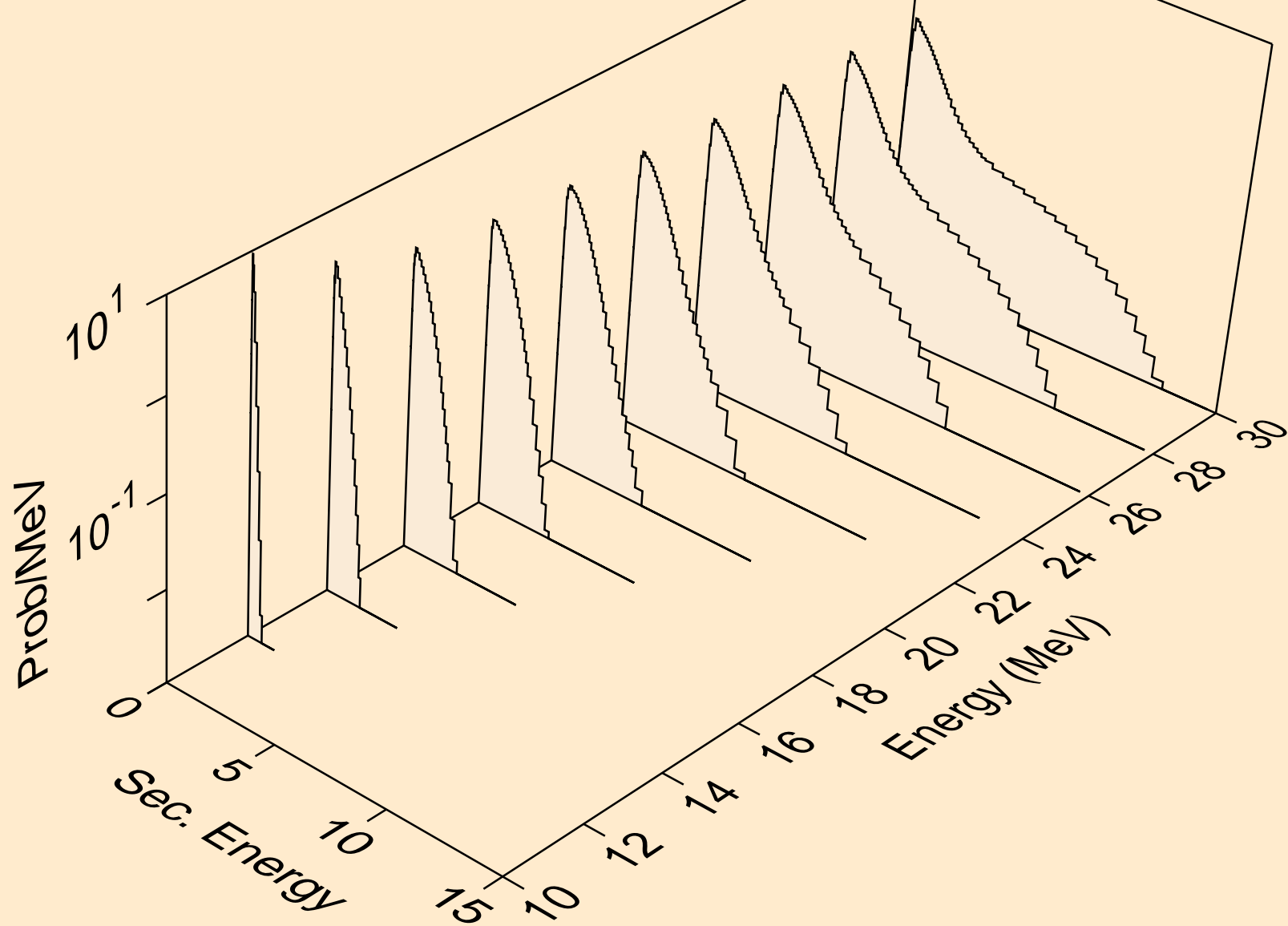
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



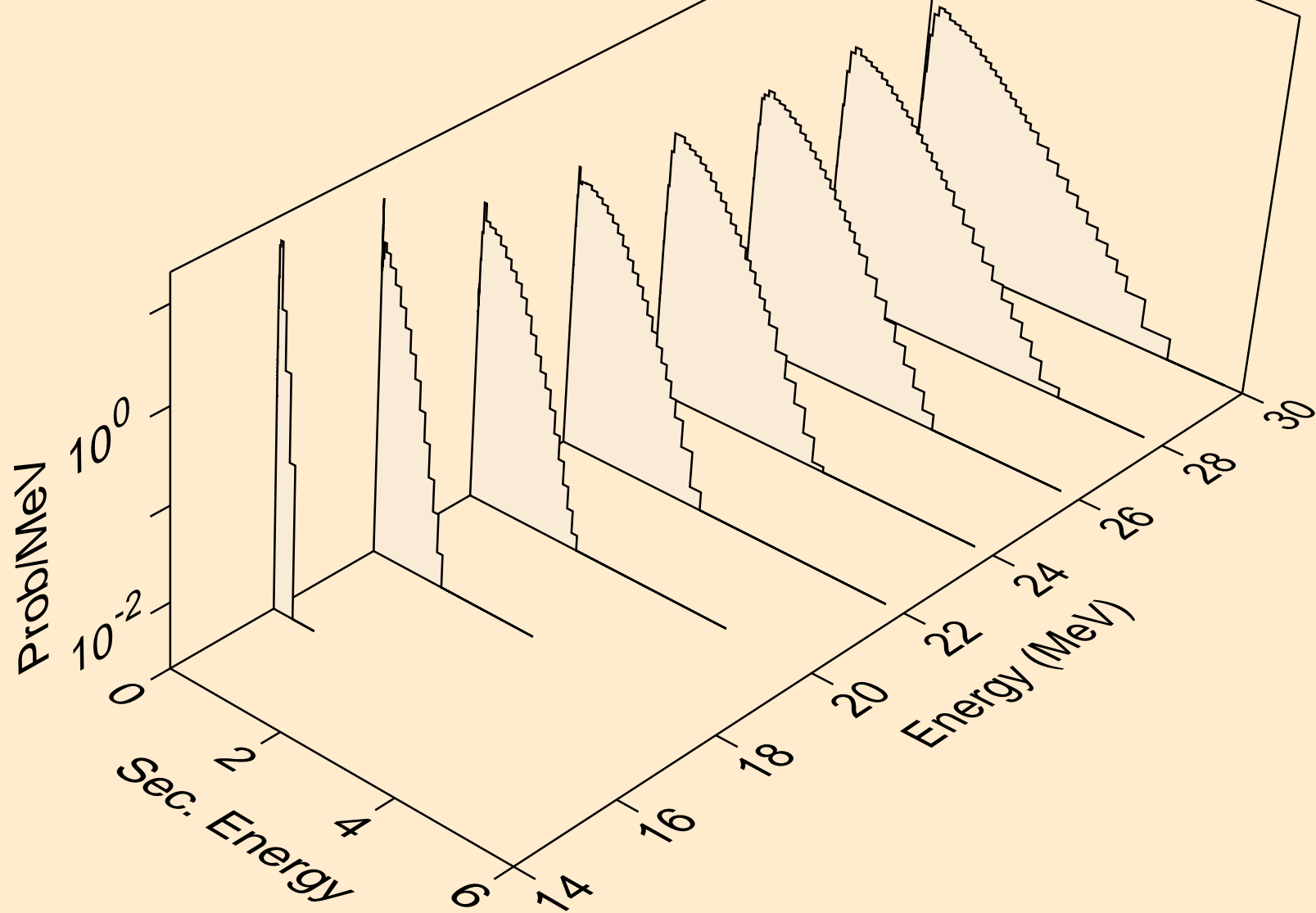
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



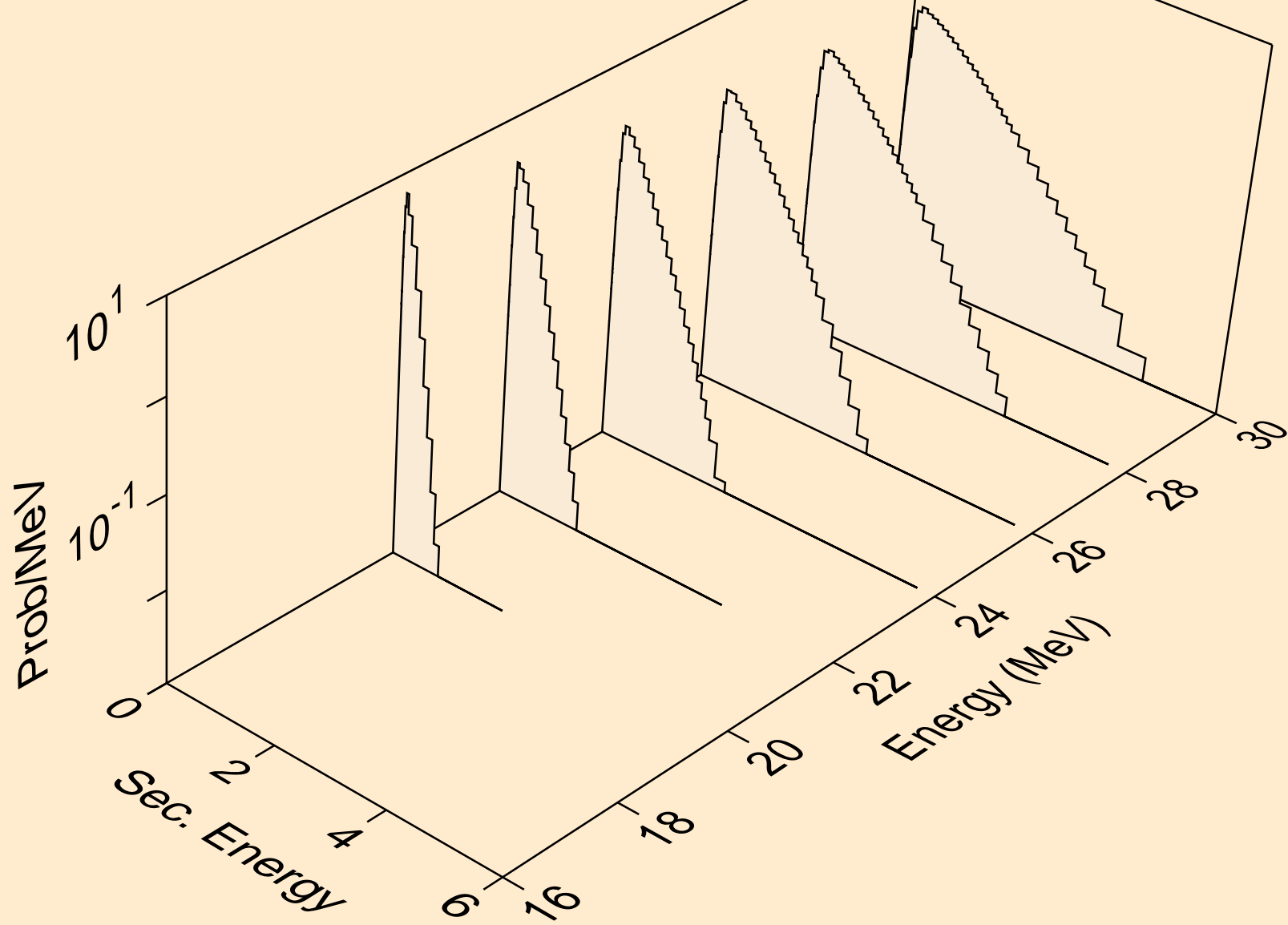
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

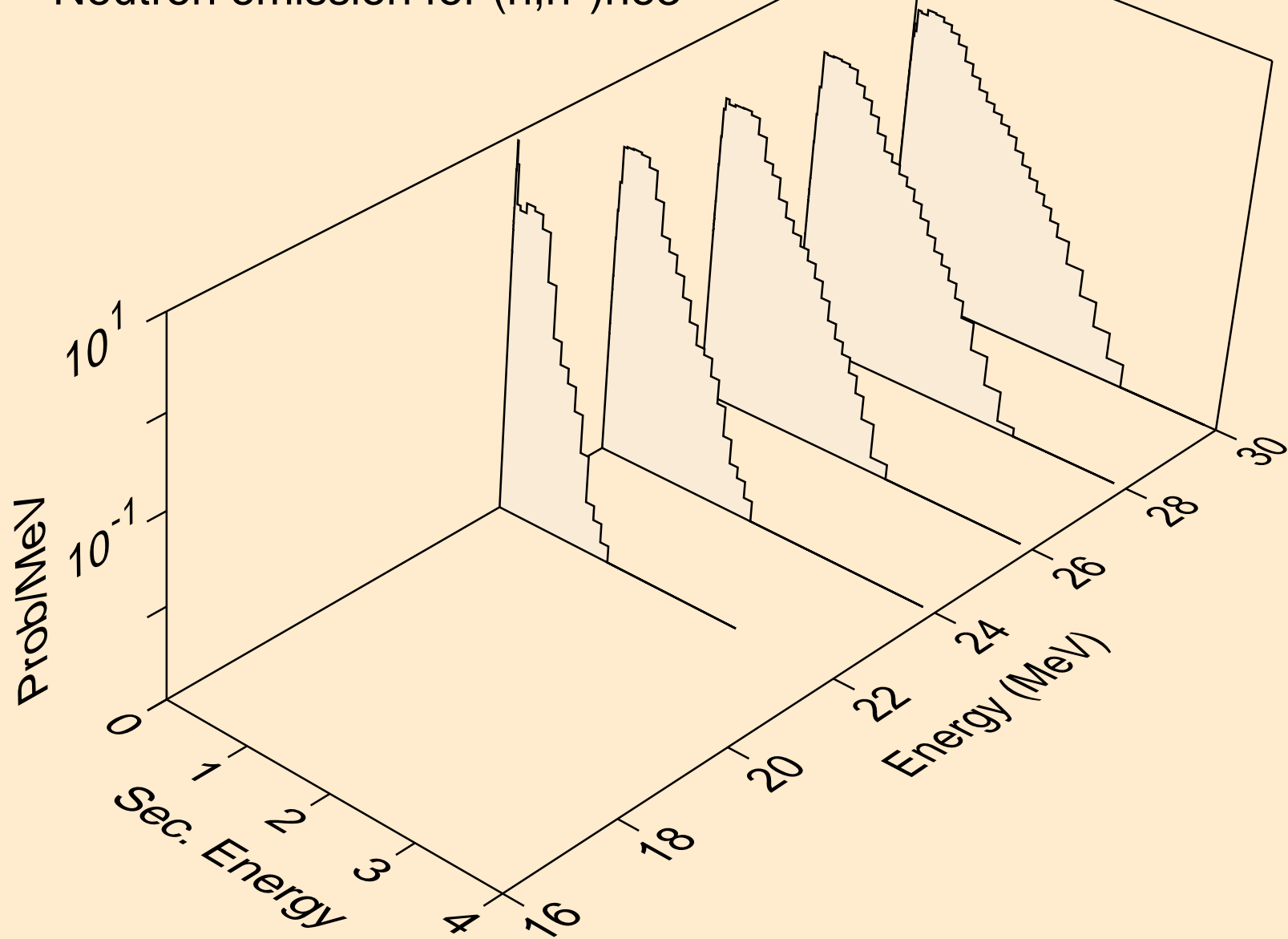


SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

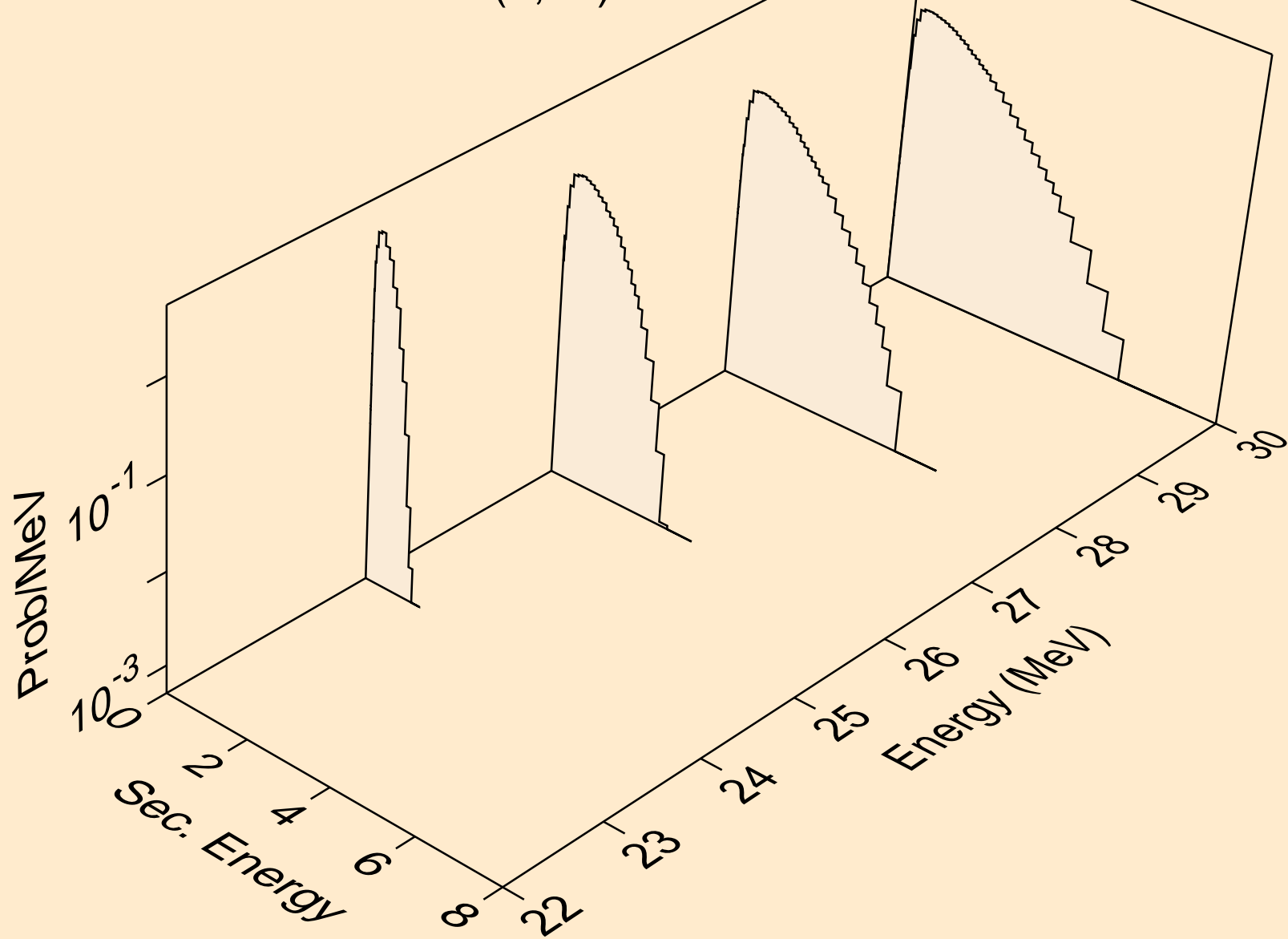




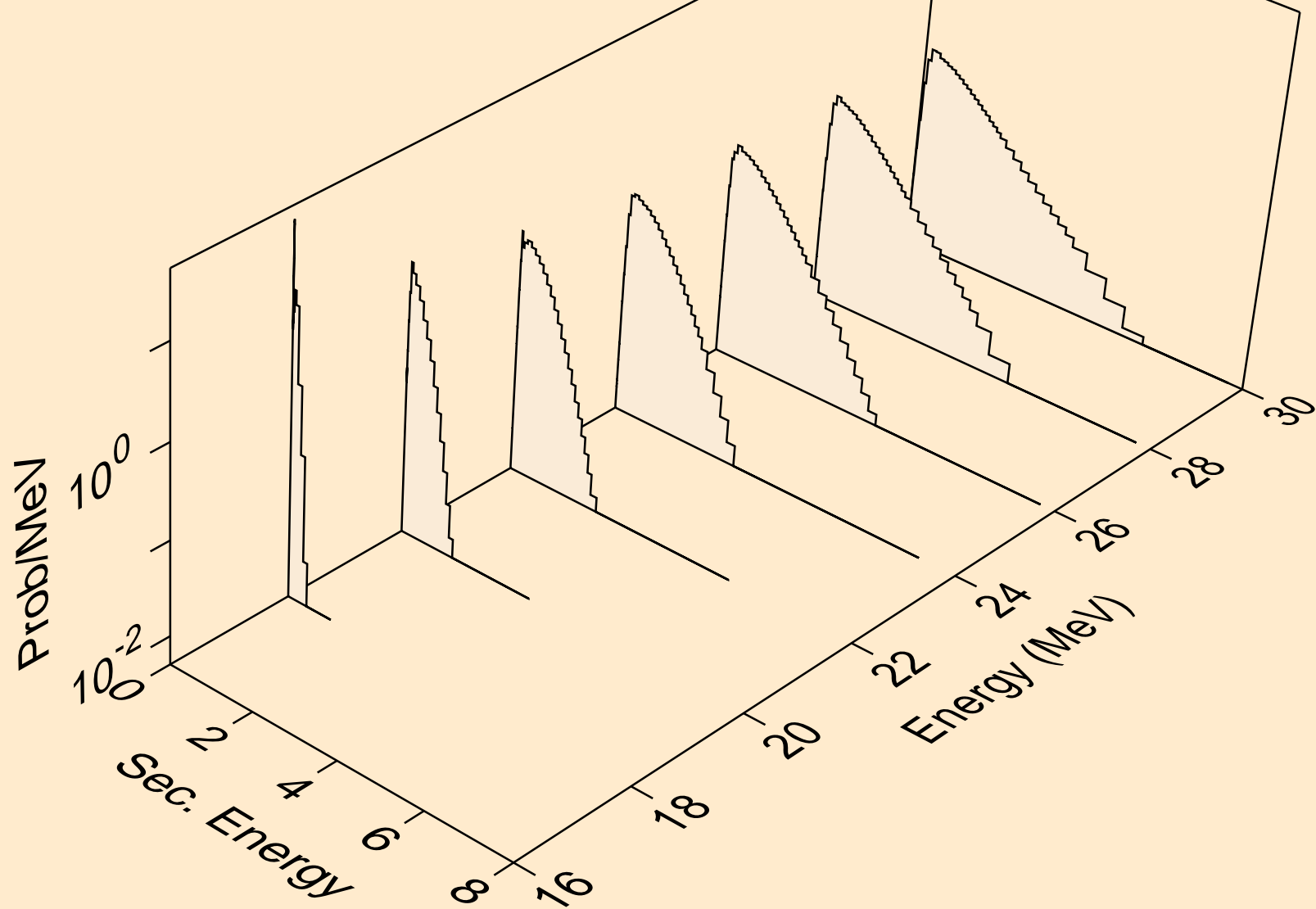
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



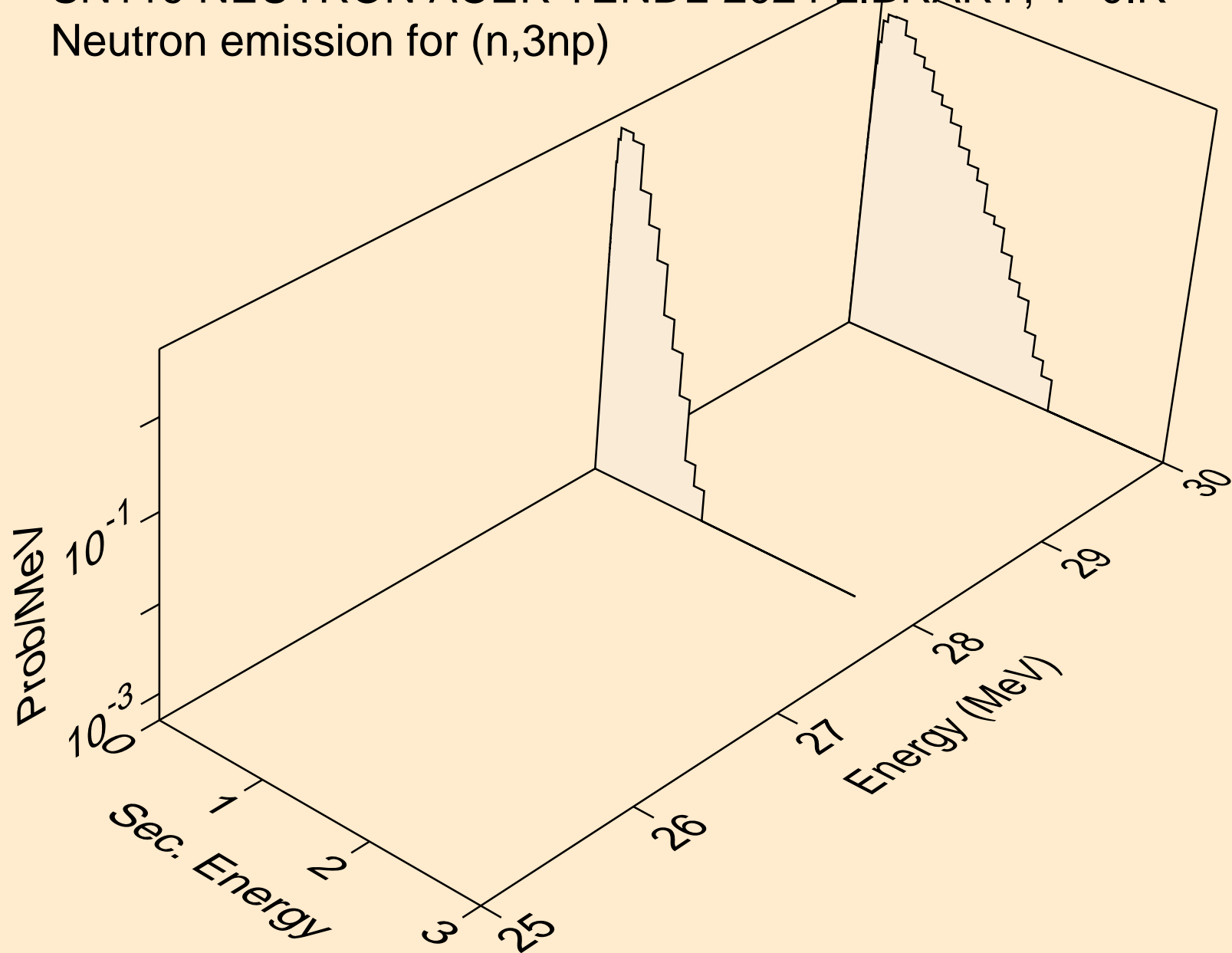
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



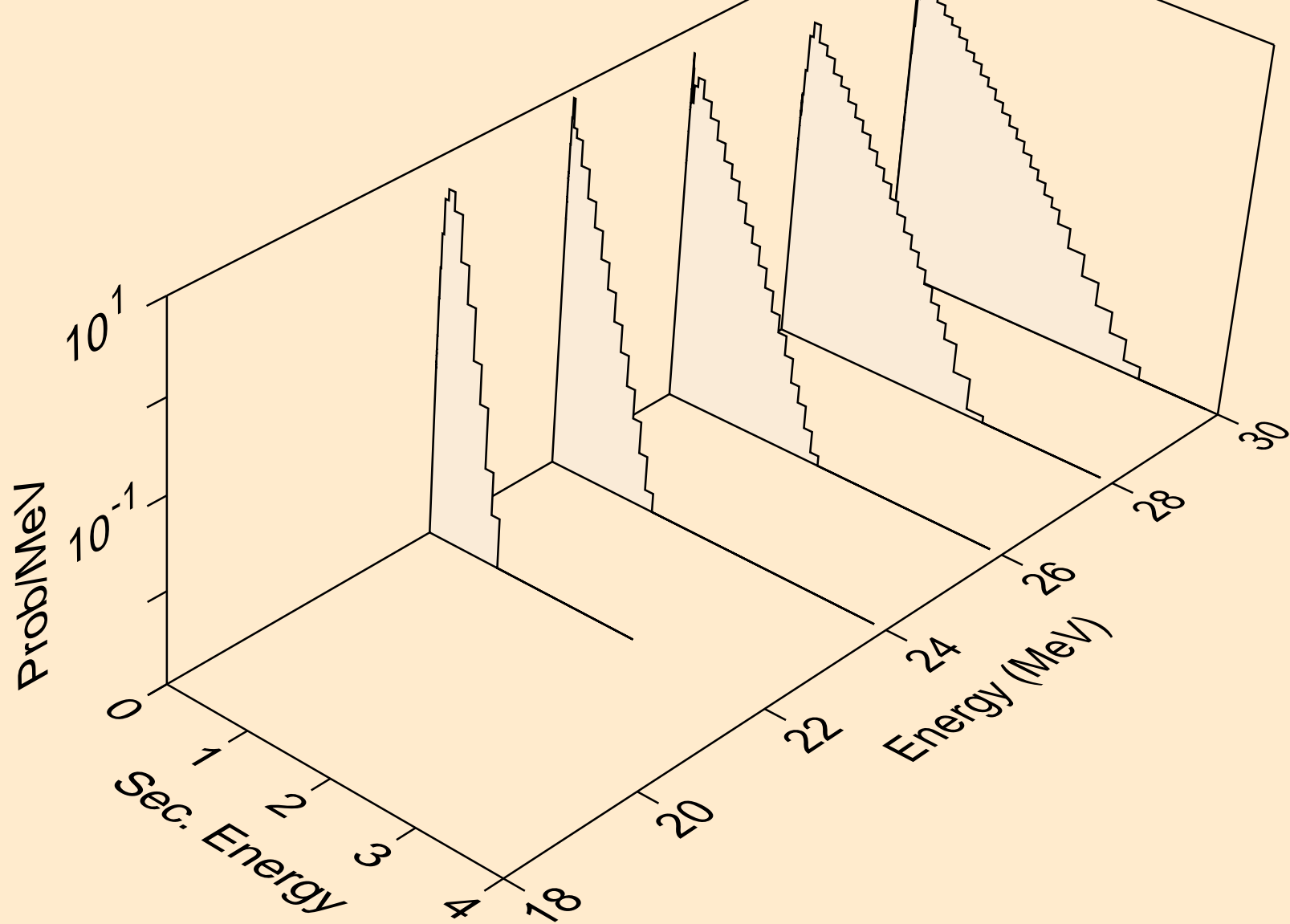
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



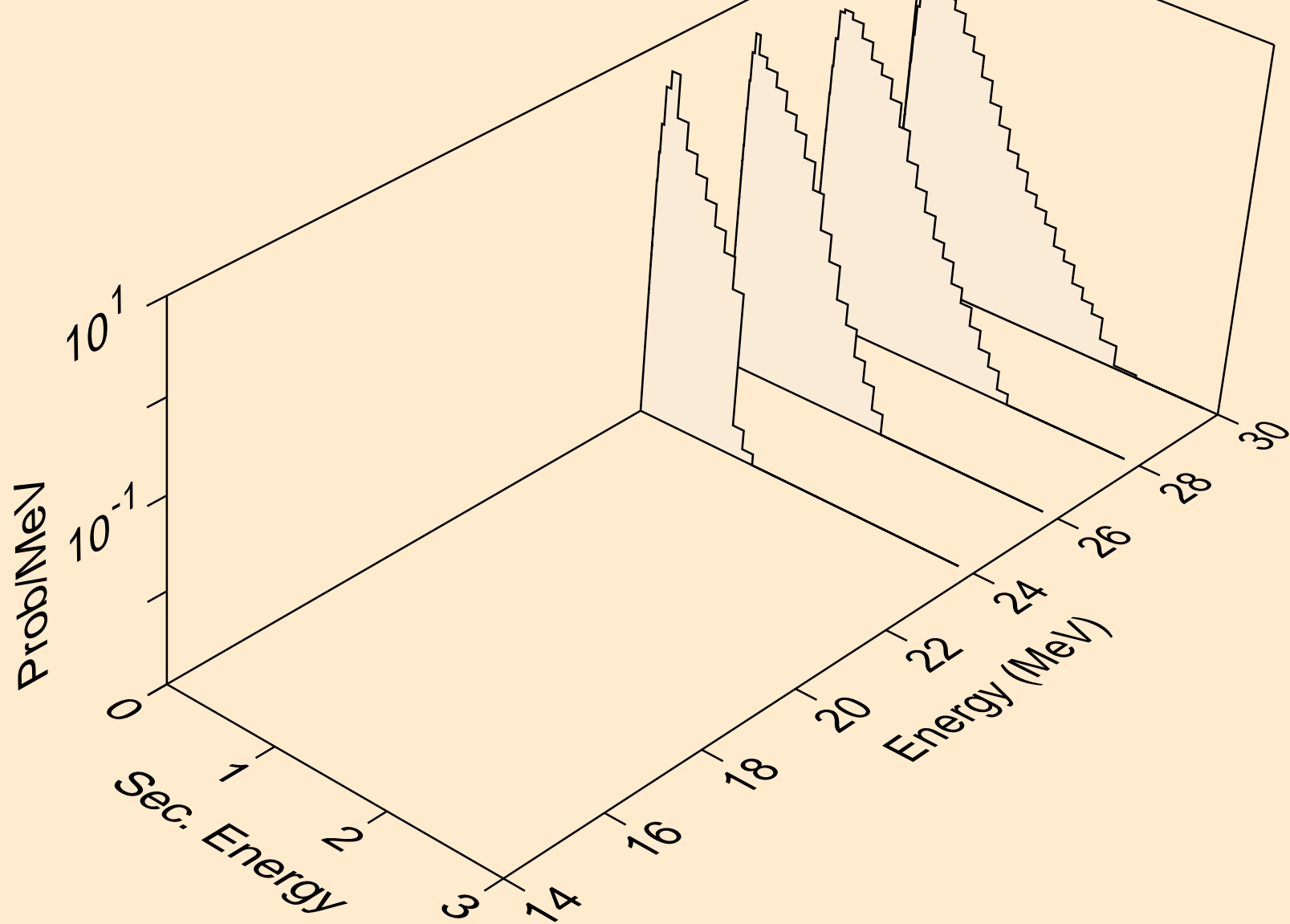
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



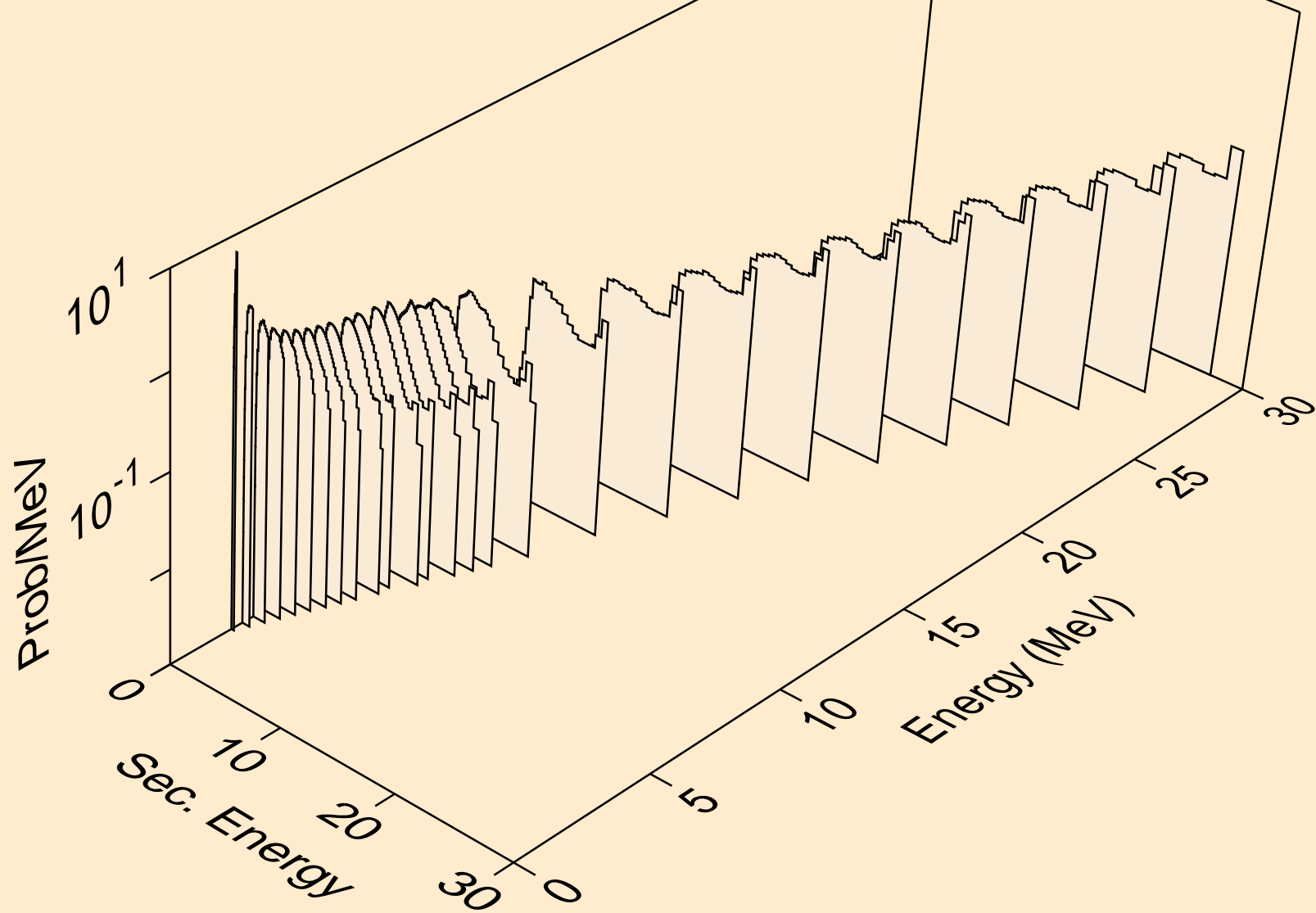
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



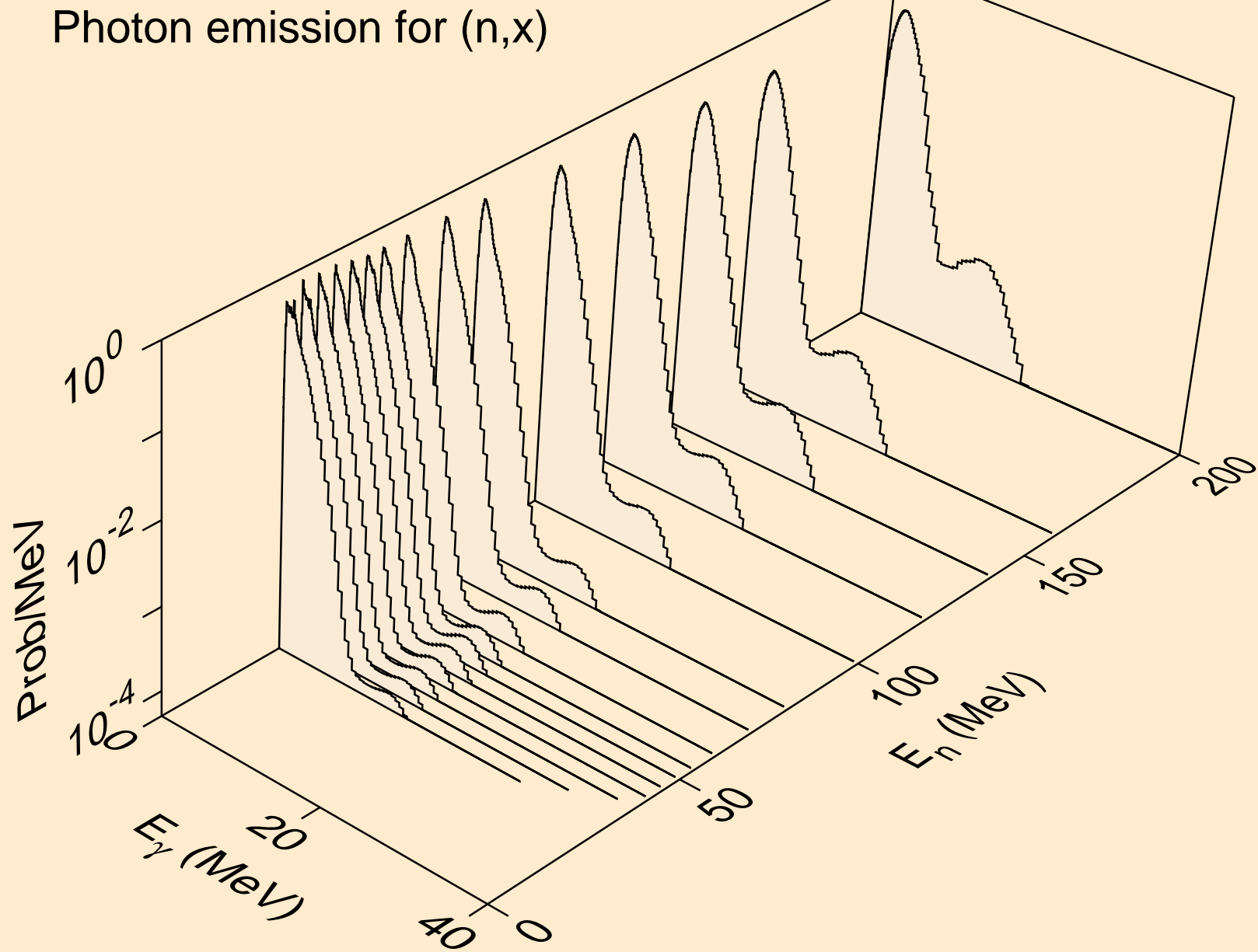
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

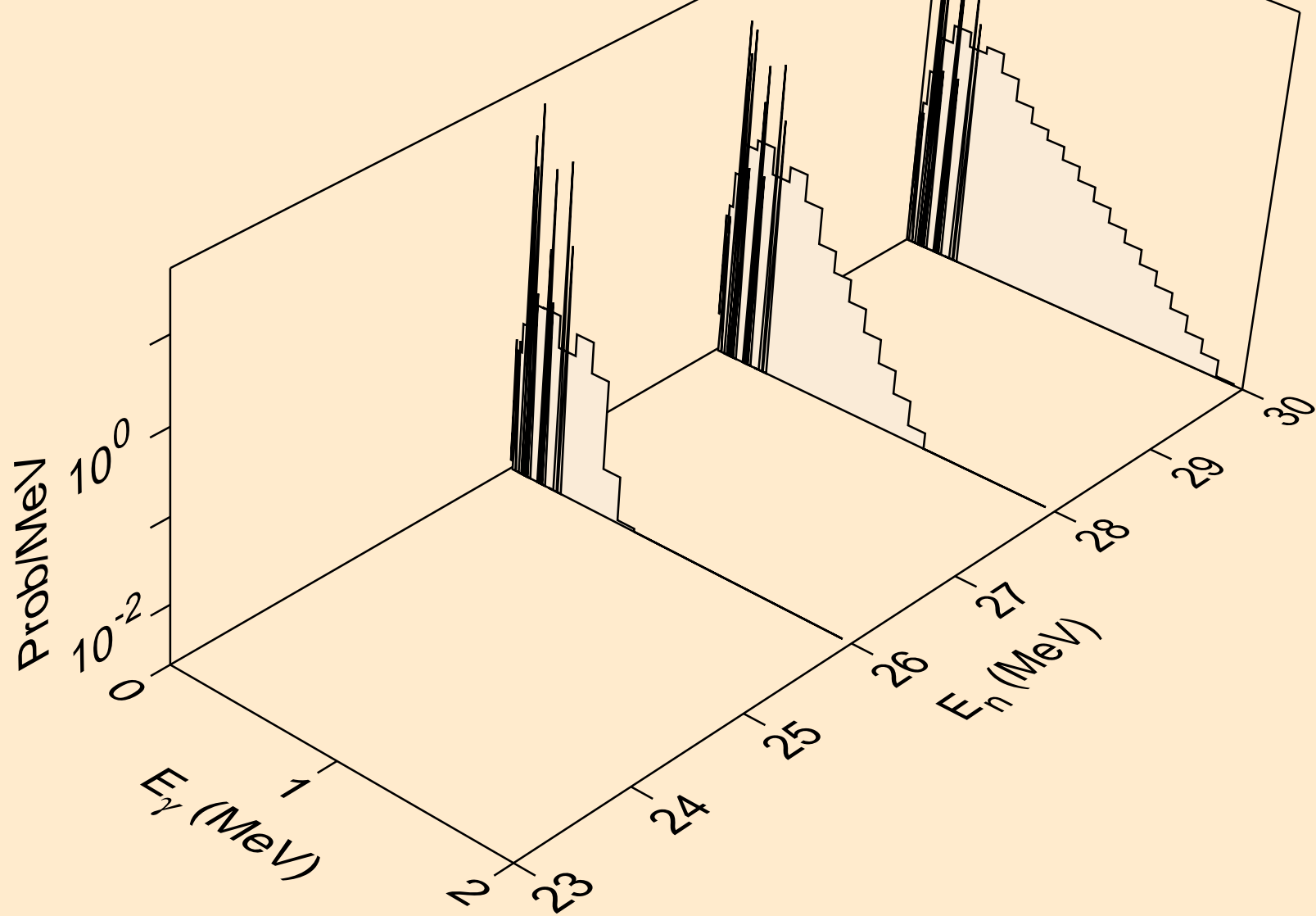


SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

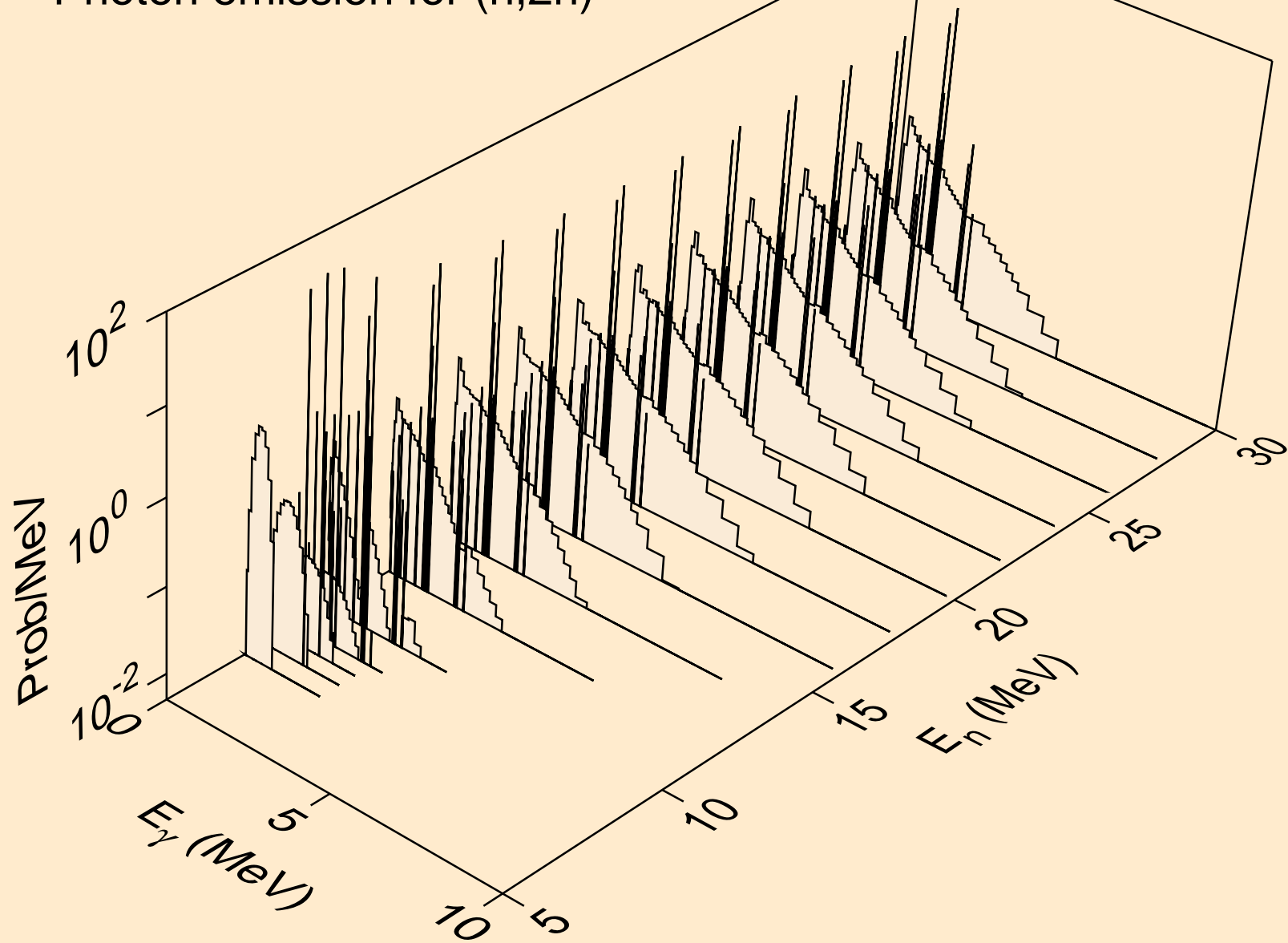




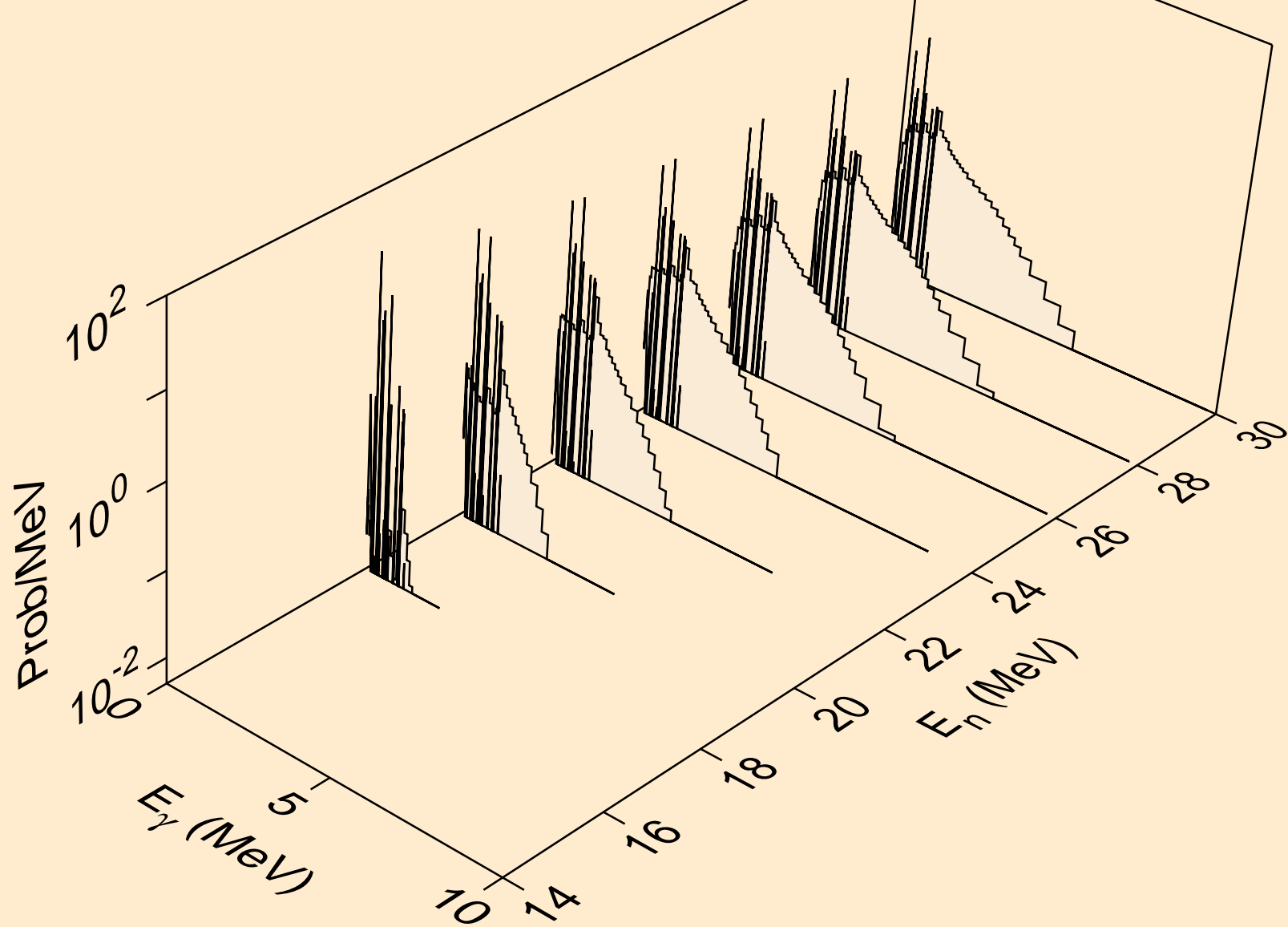
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



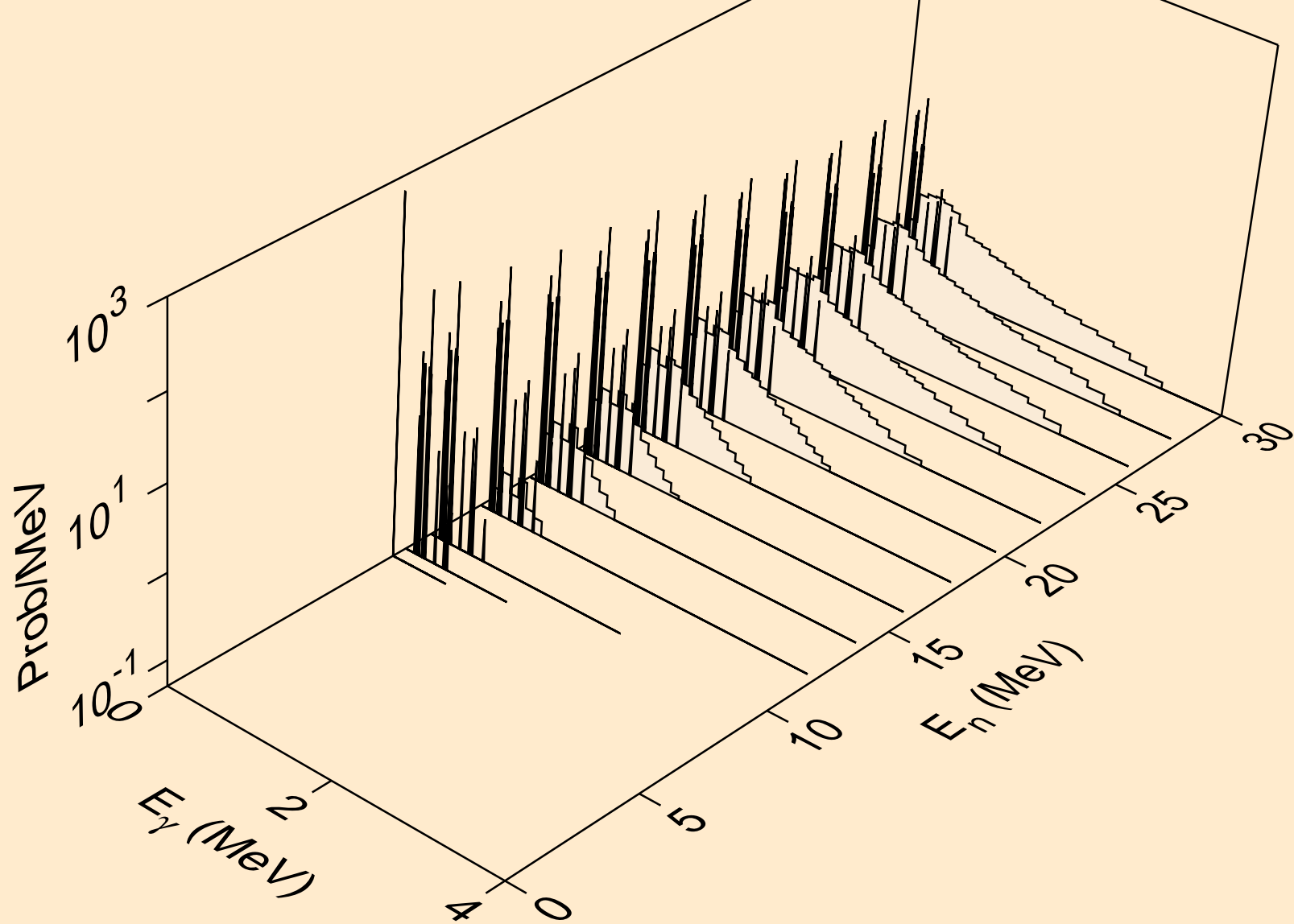
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



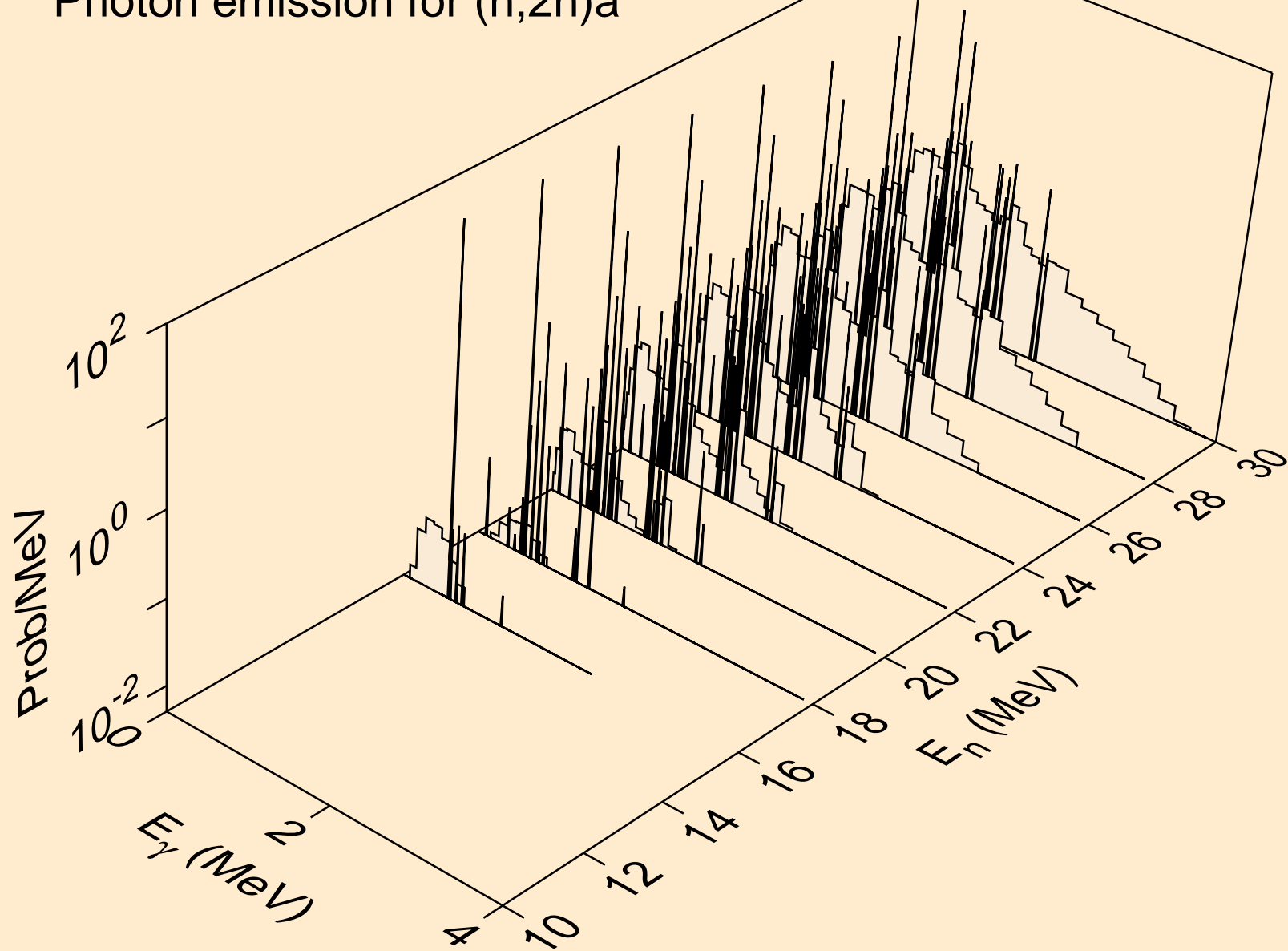
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Photon emission for (n,3n)



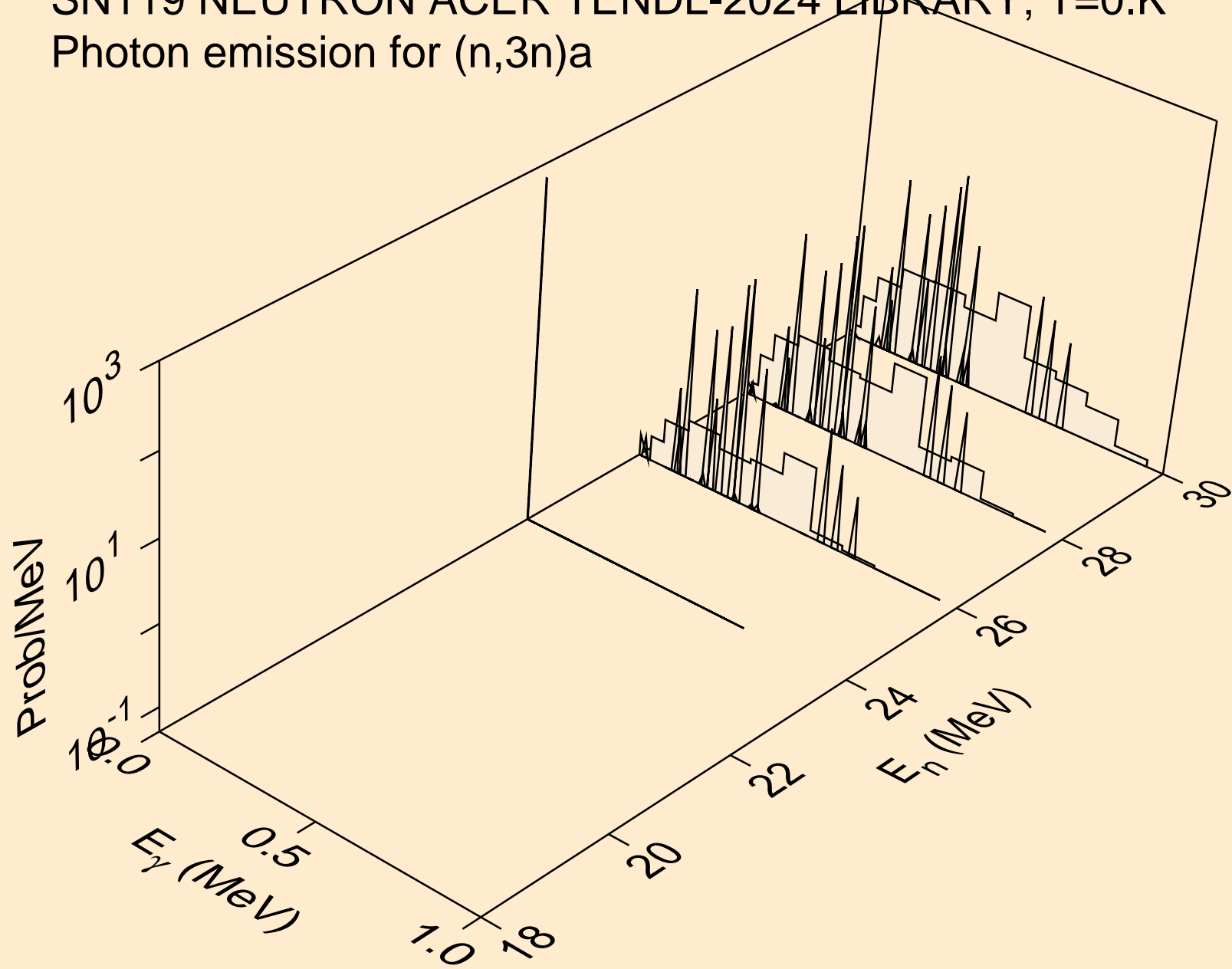
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



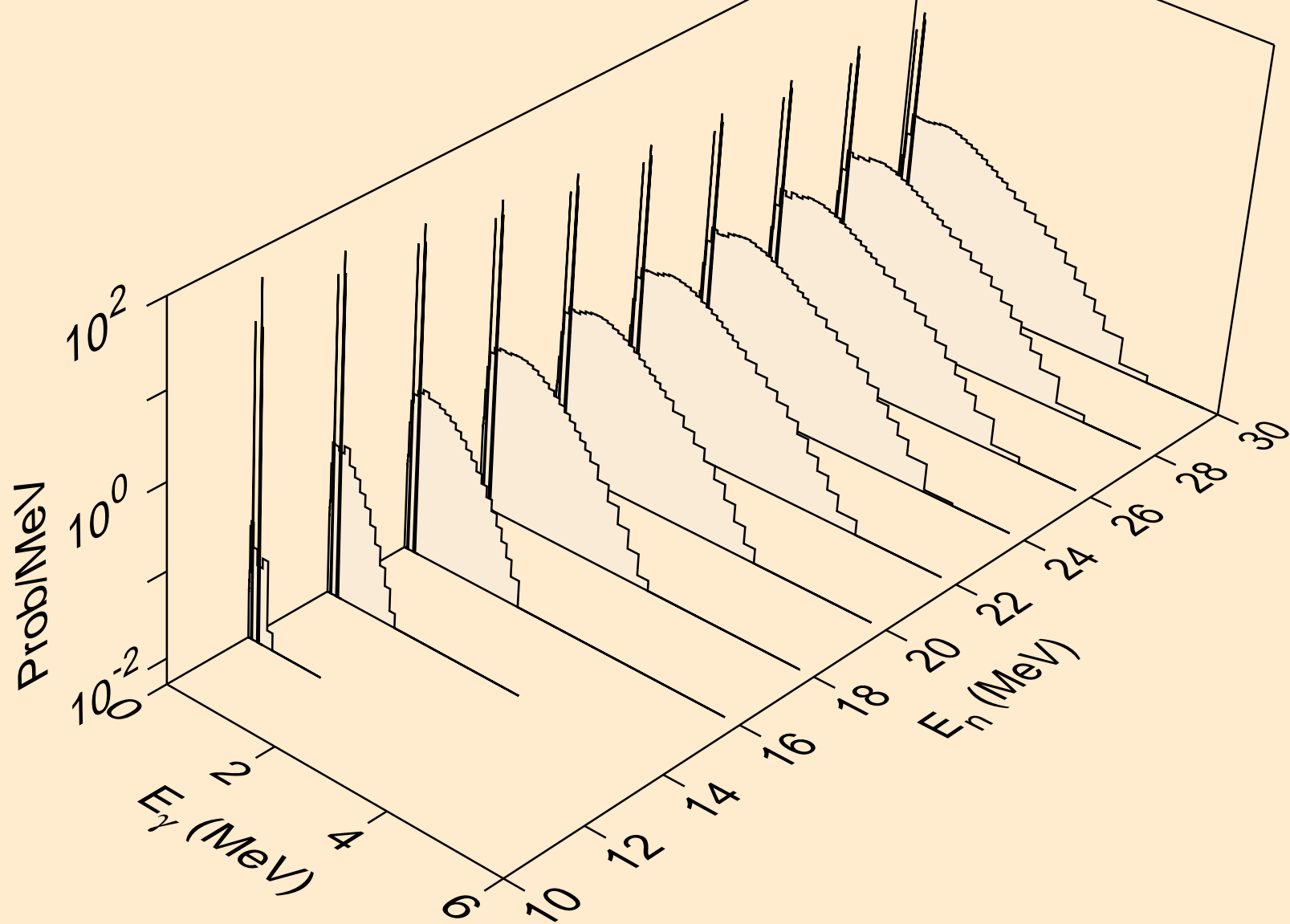
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



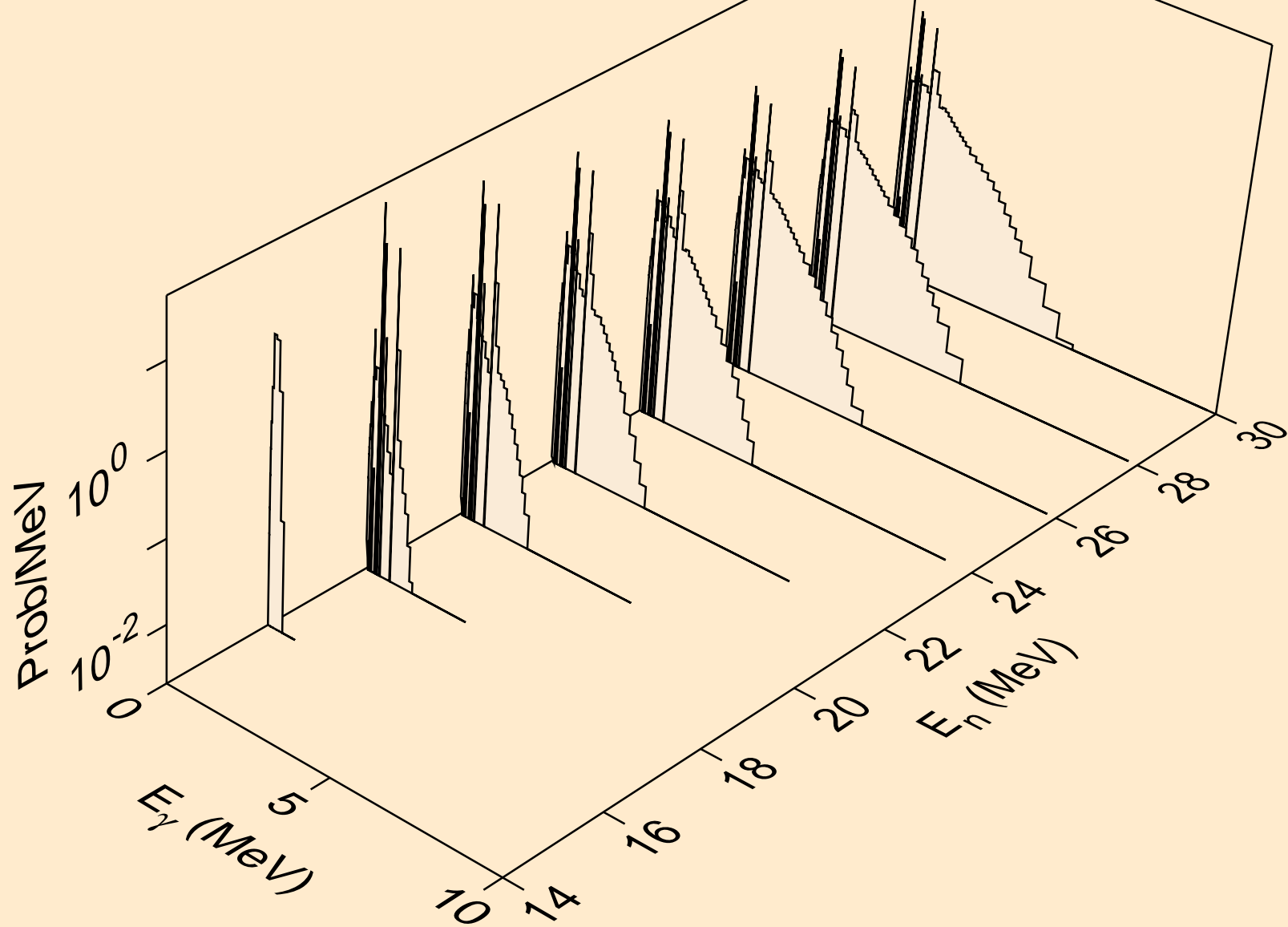
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

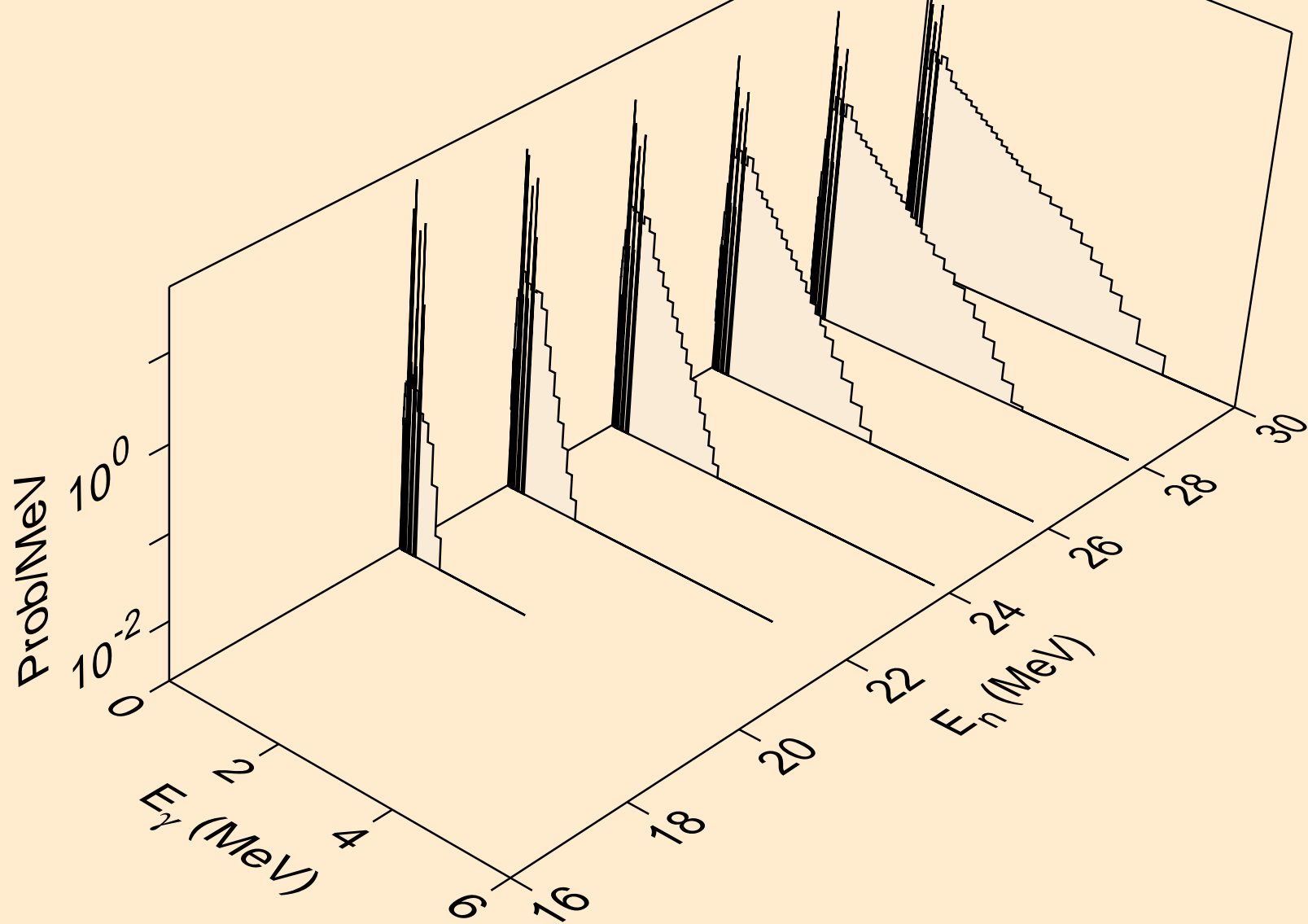


SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

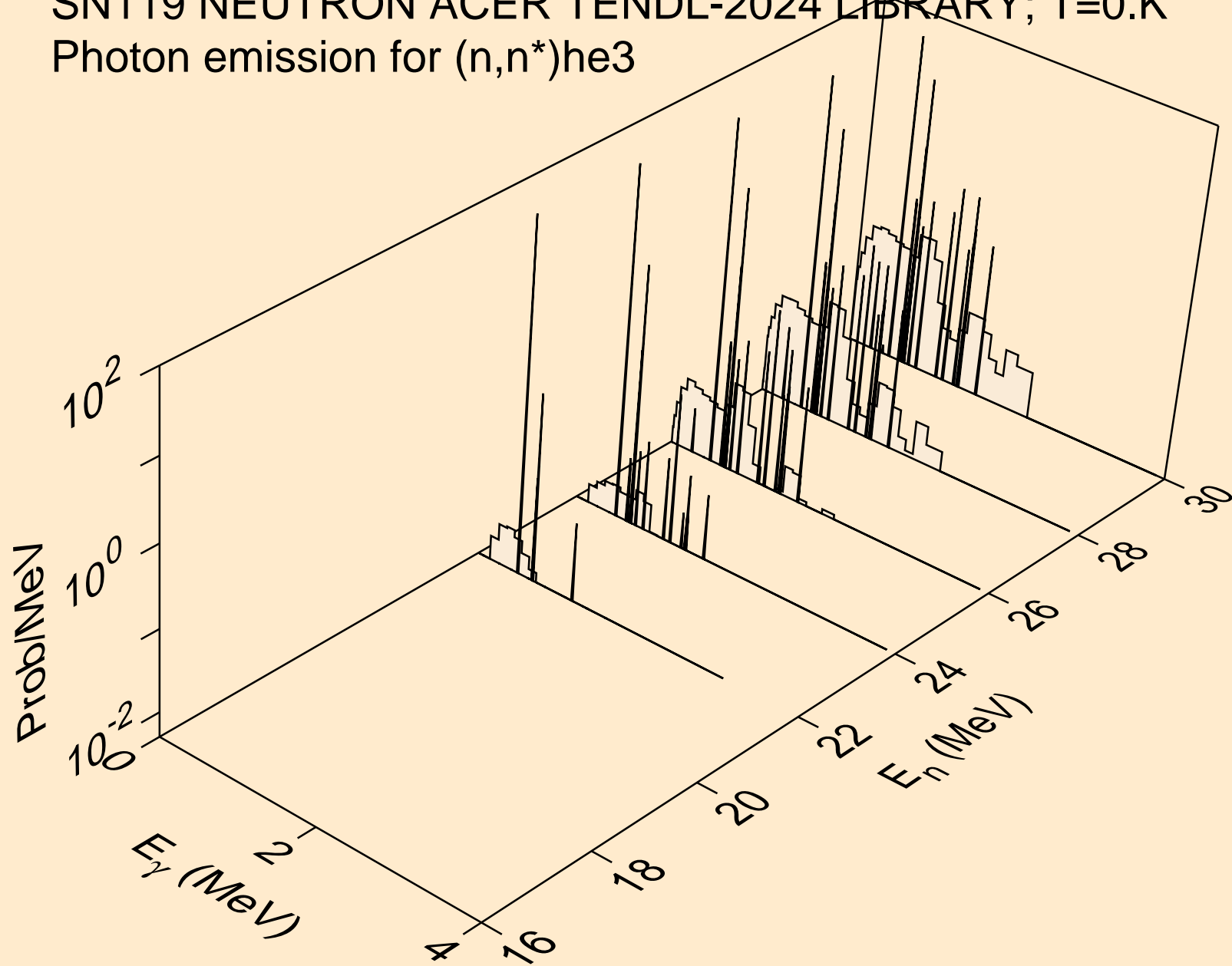




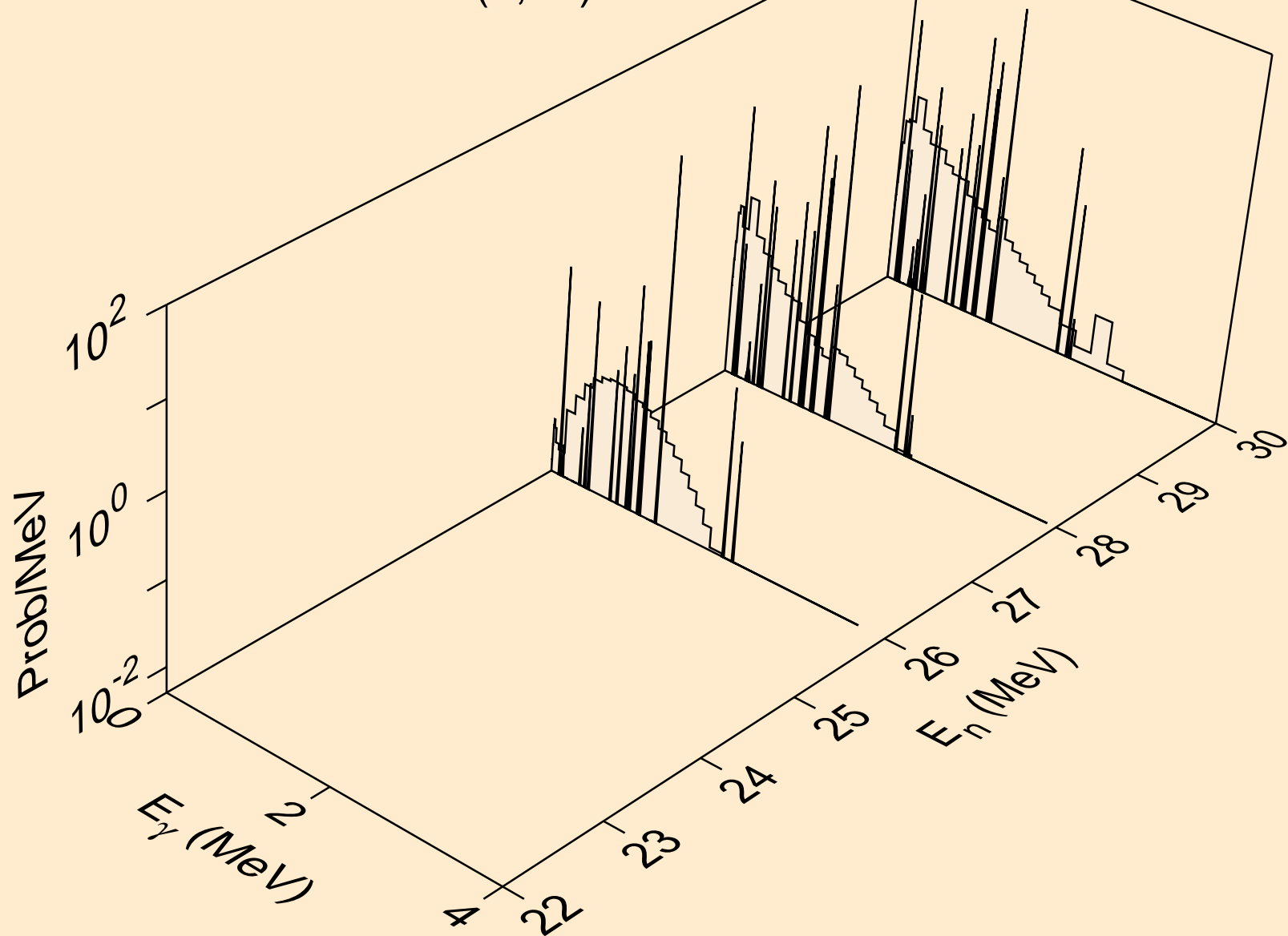
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



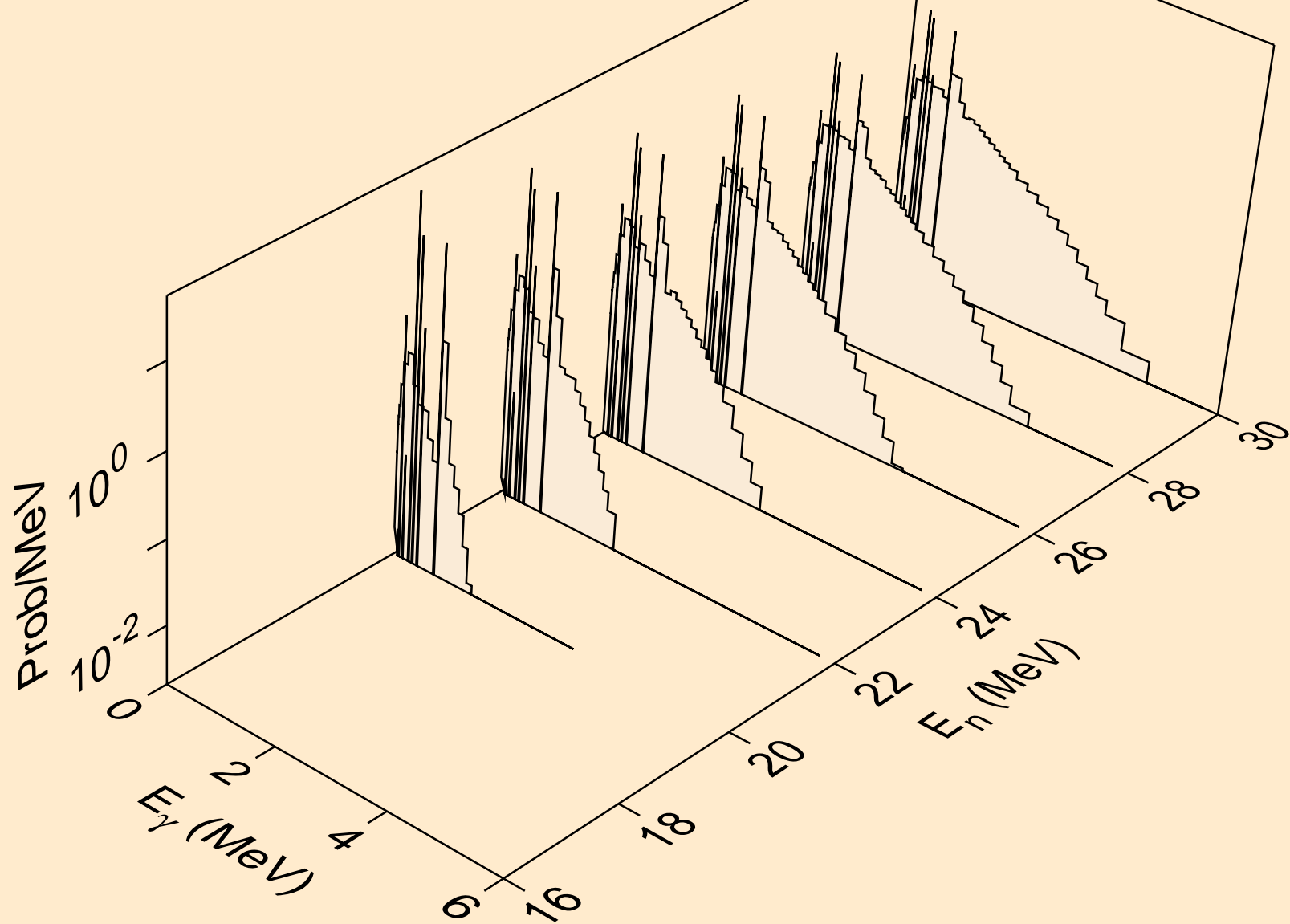
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



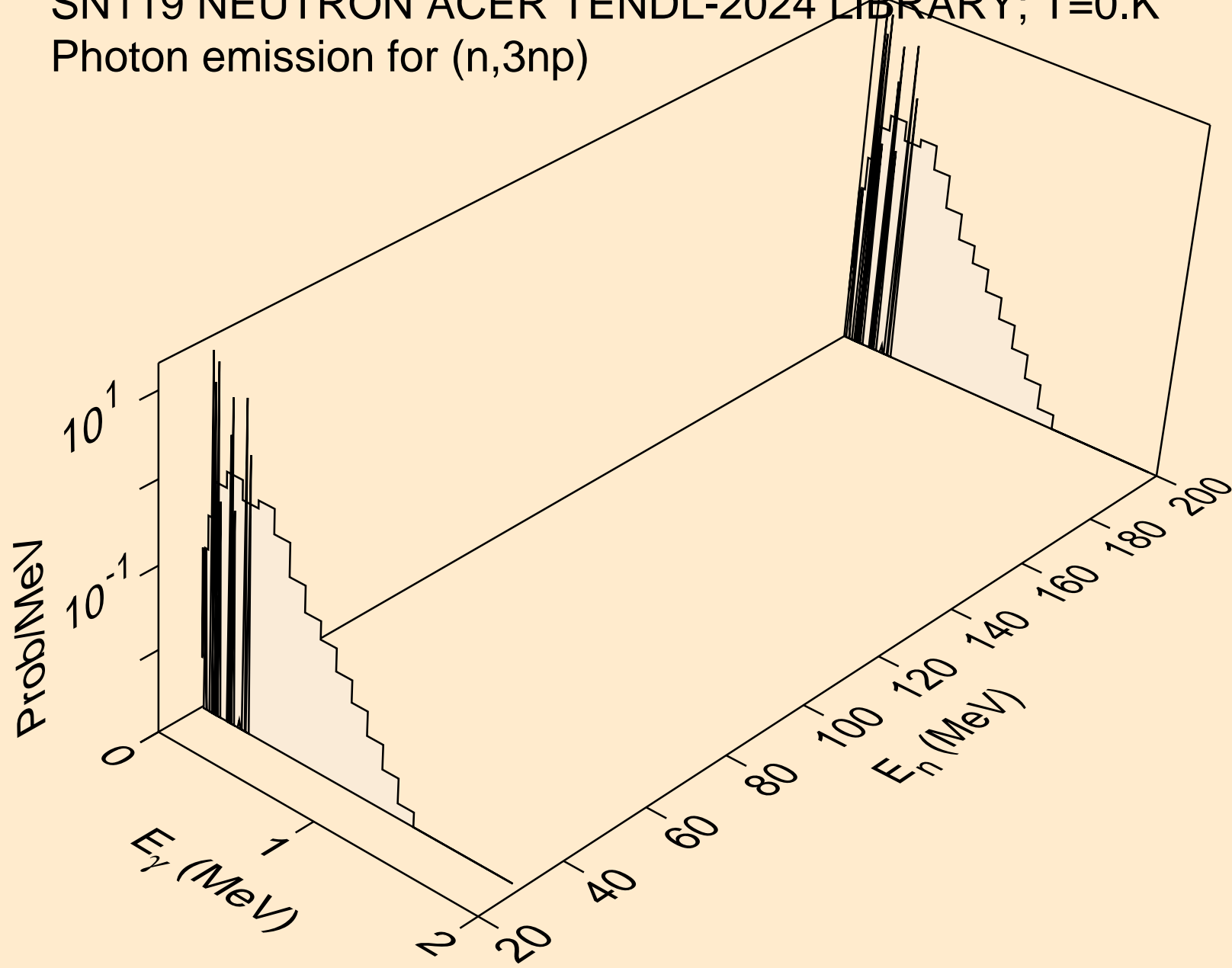
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



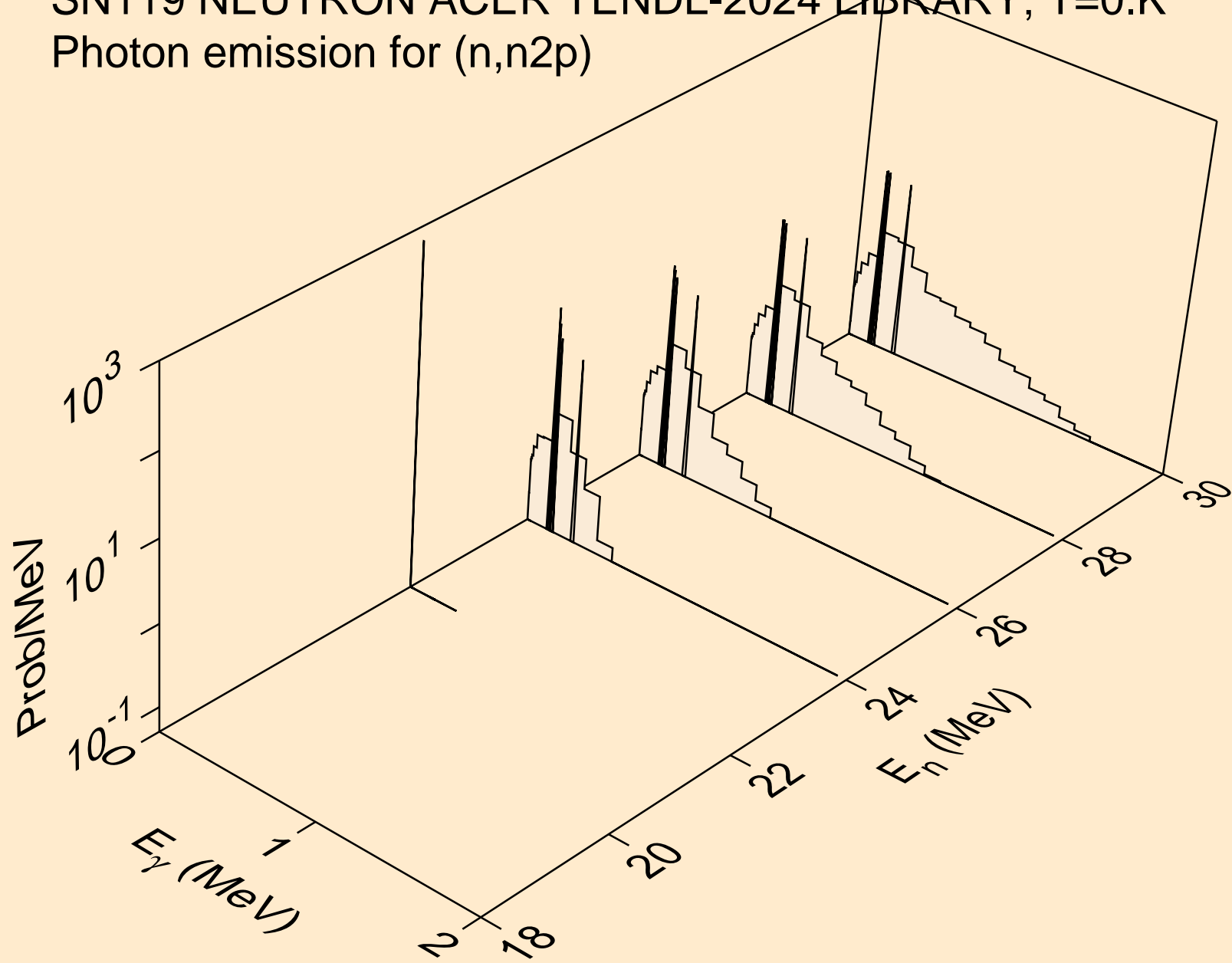
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



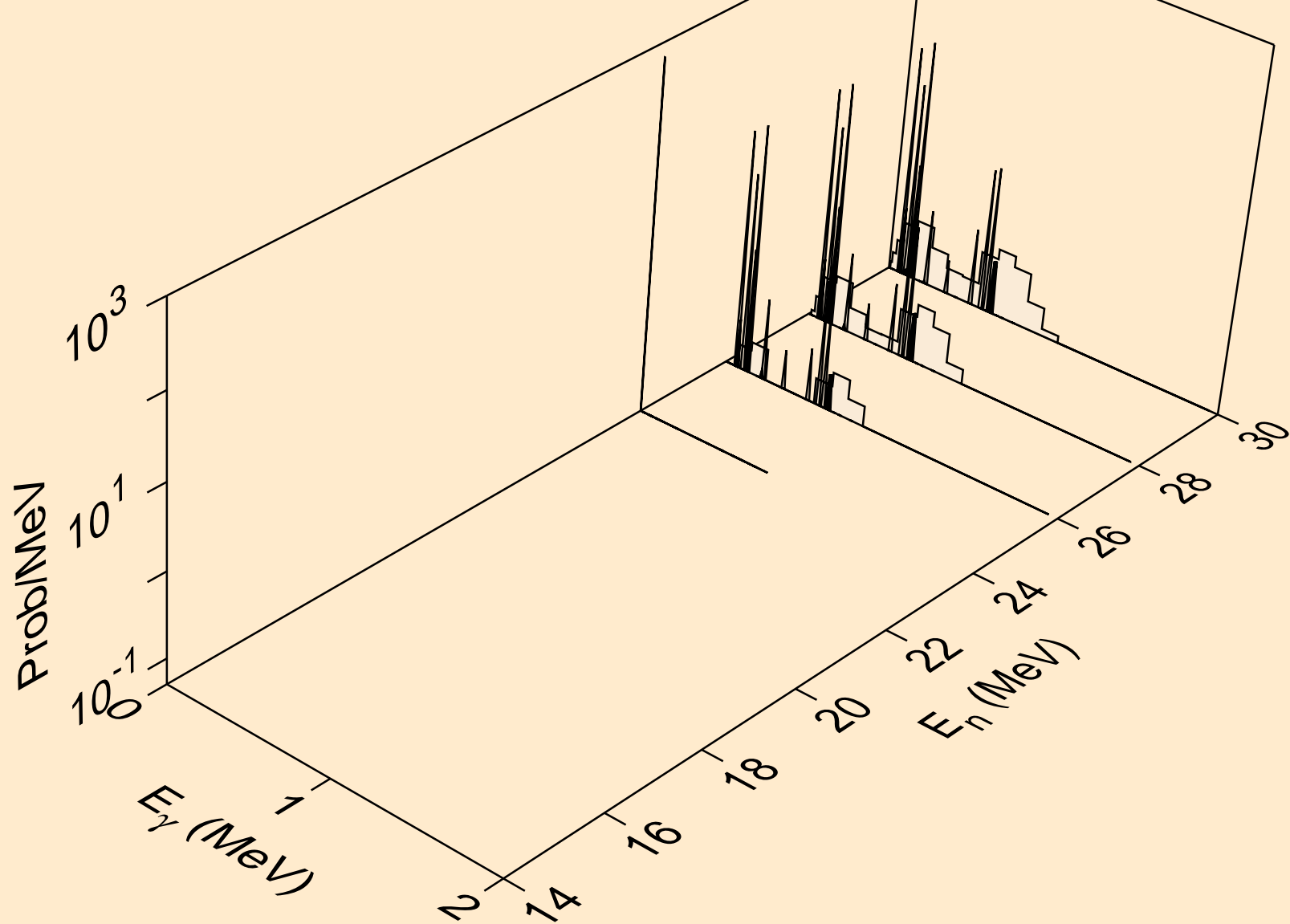
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



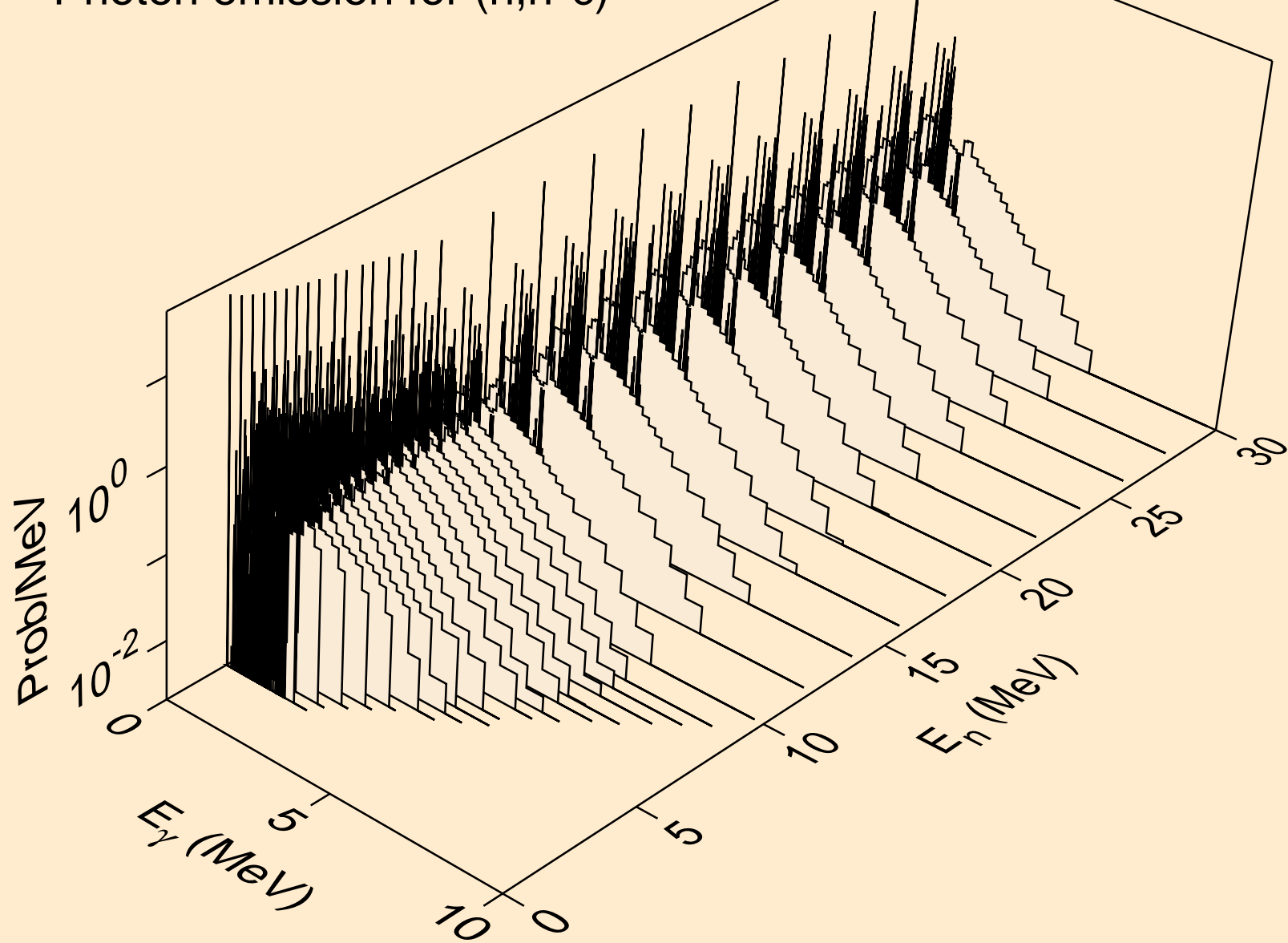
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)

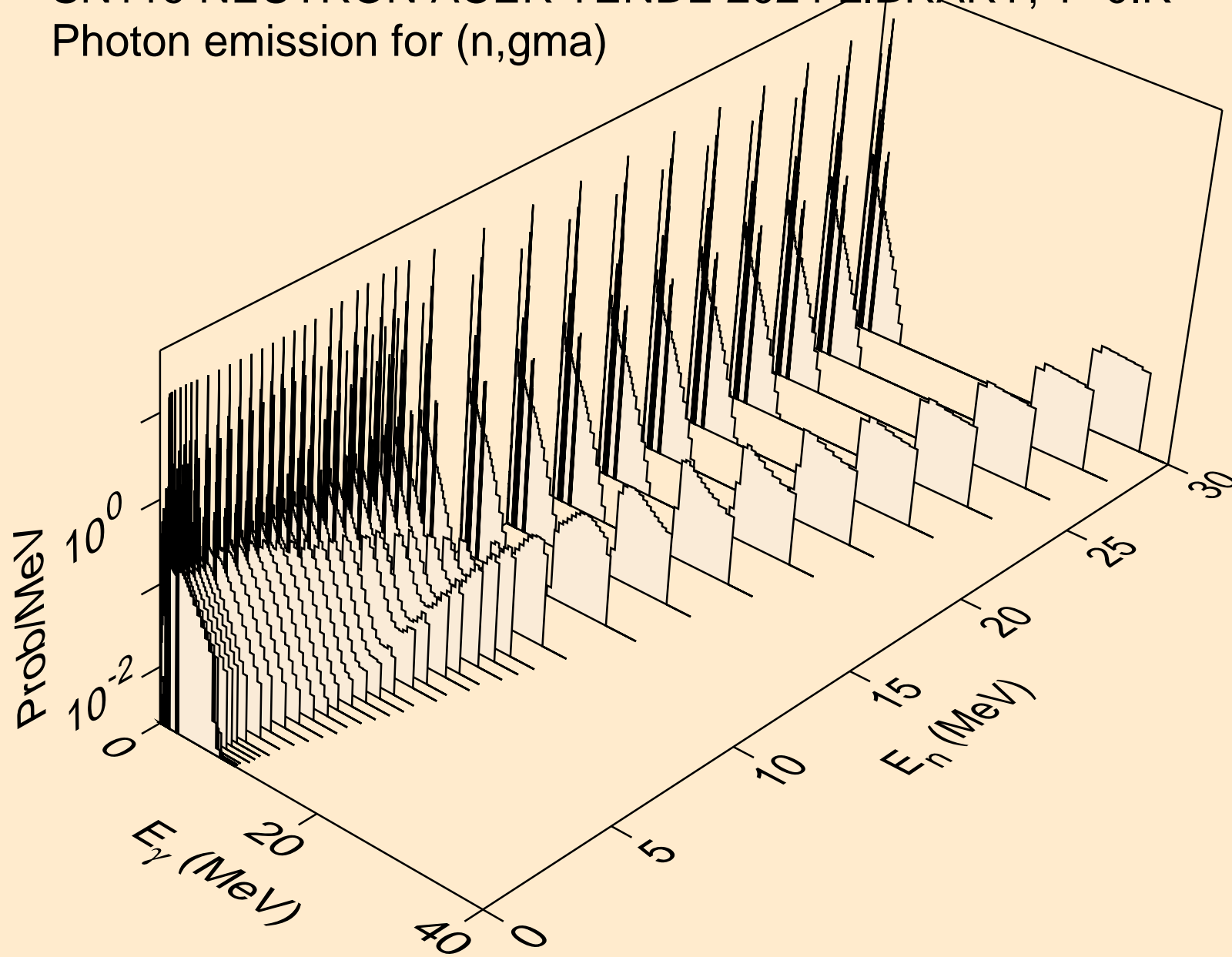


SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

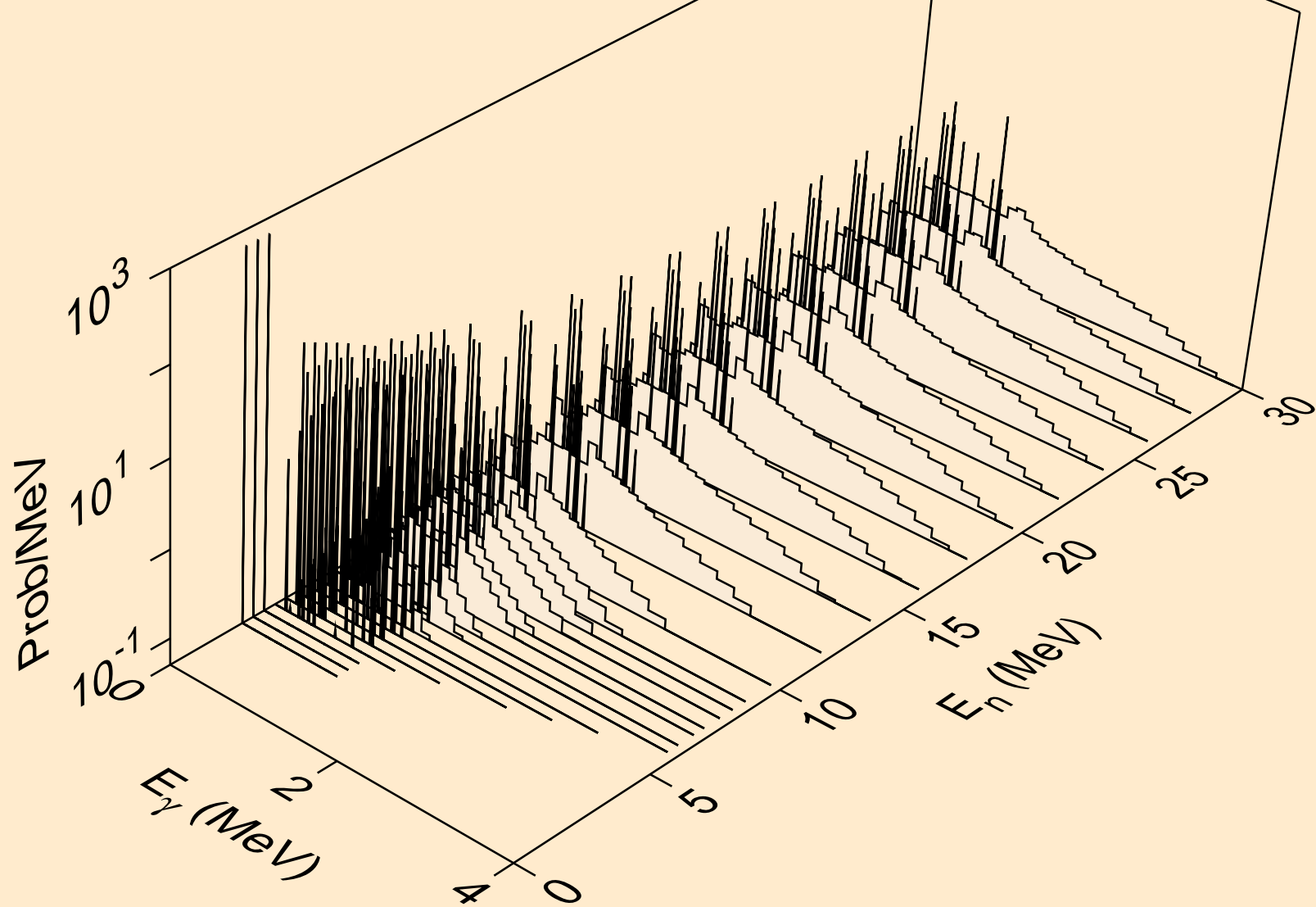




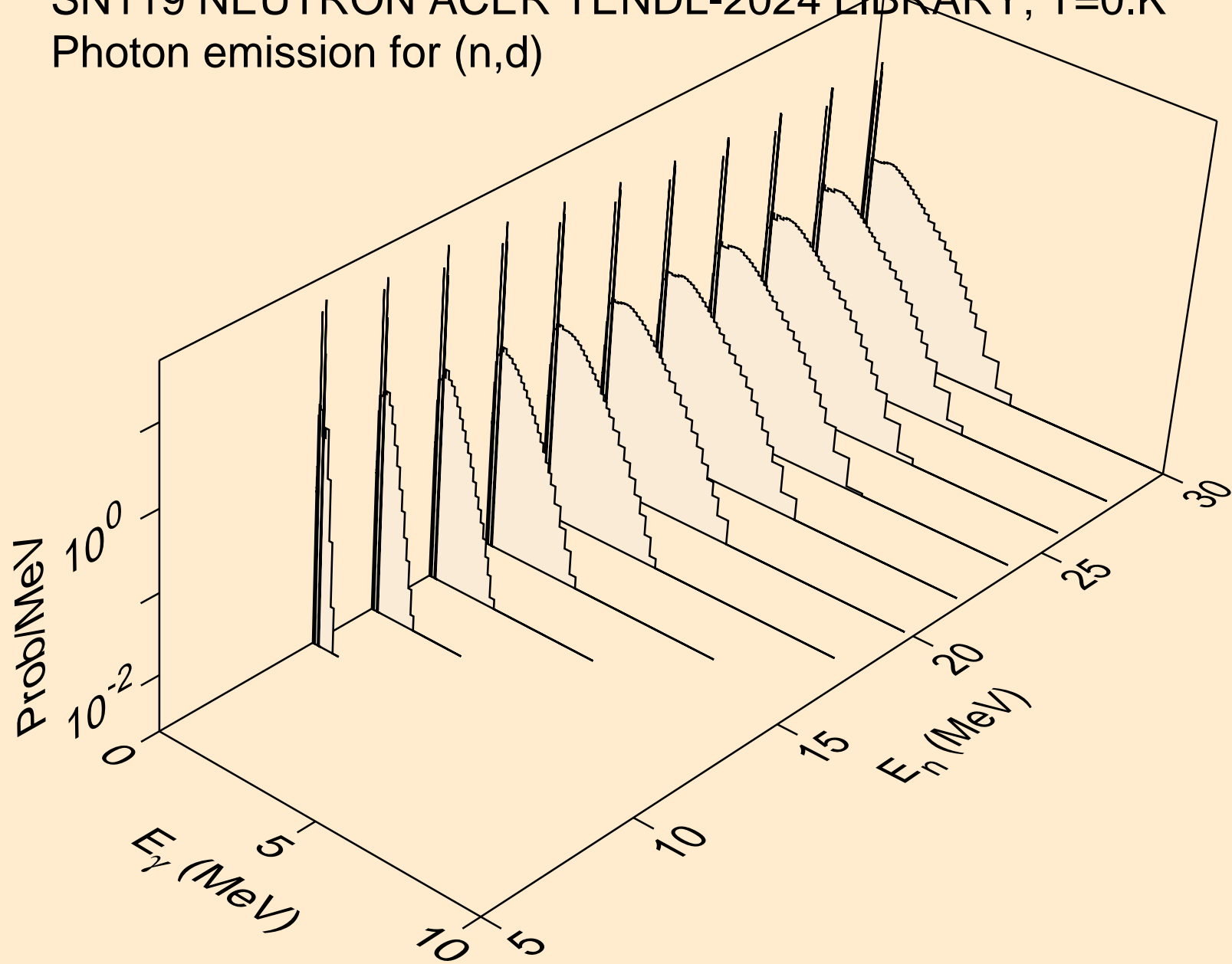
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



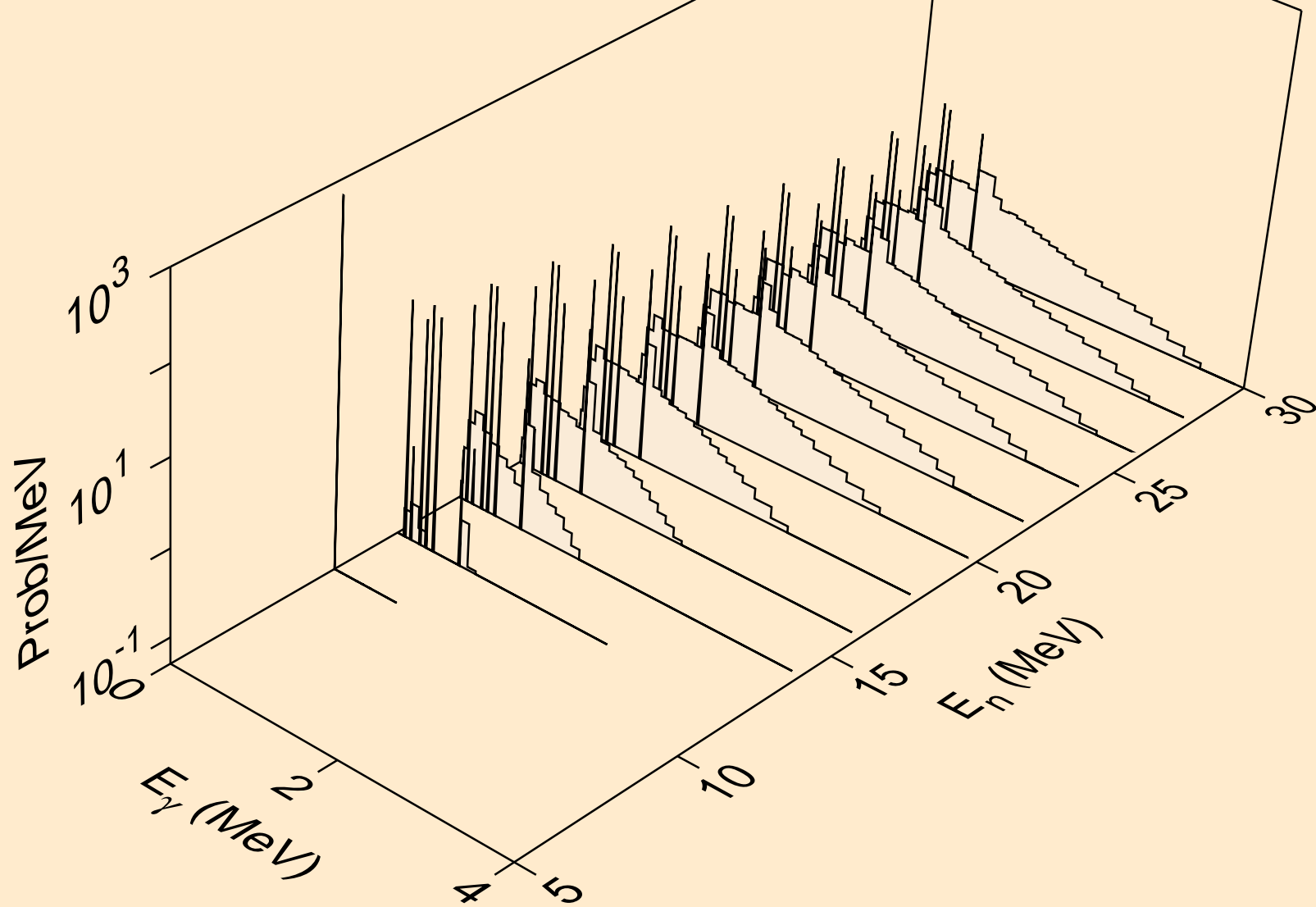
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



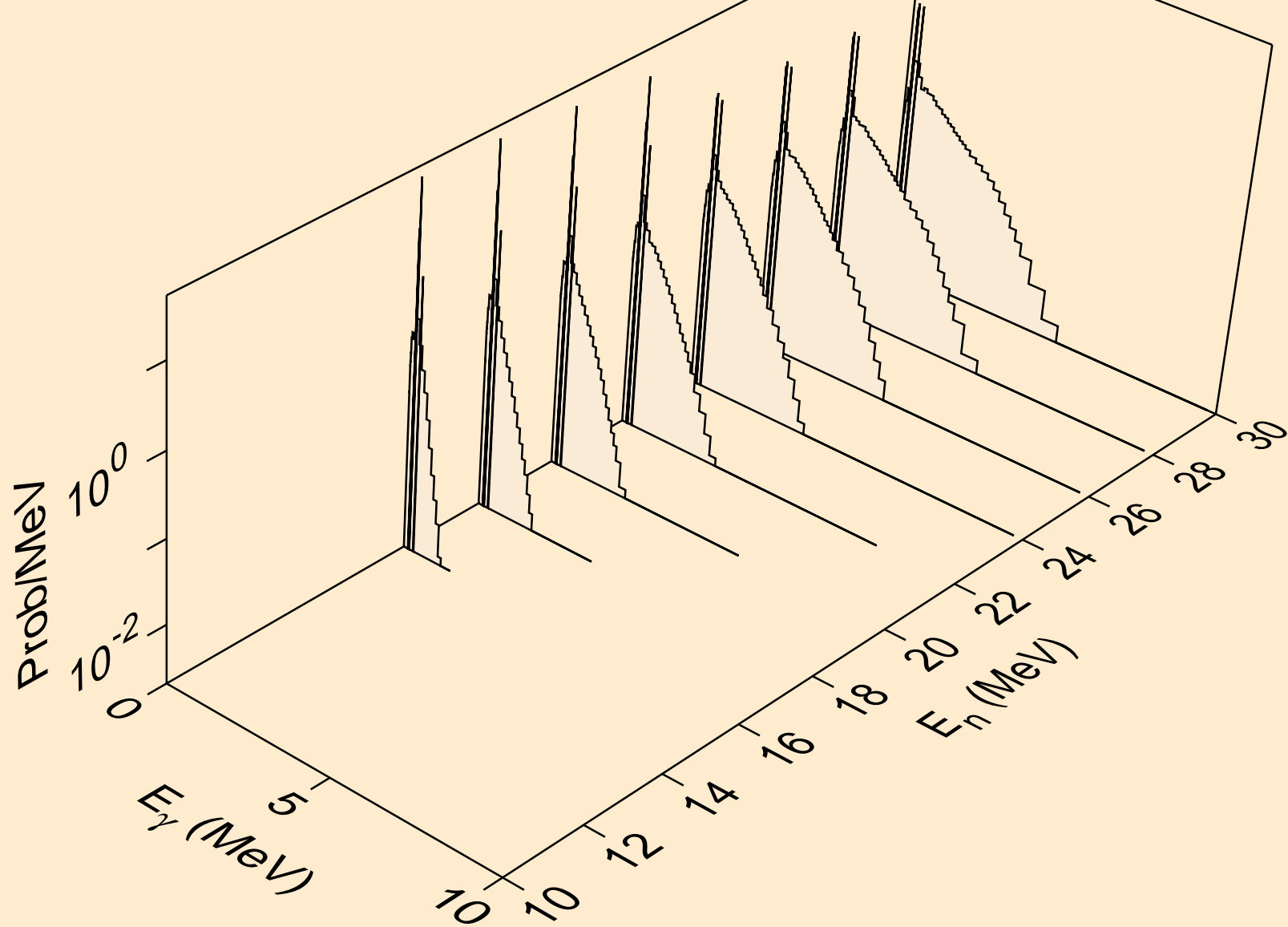
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



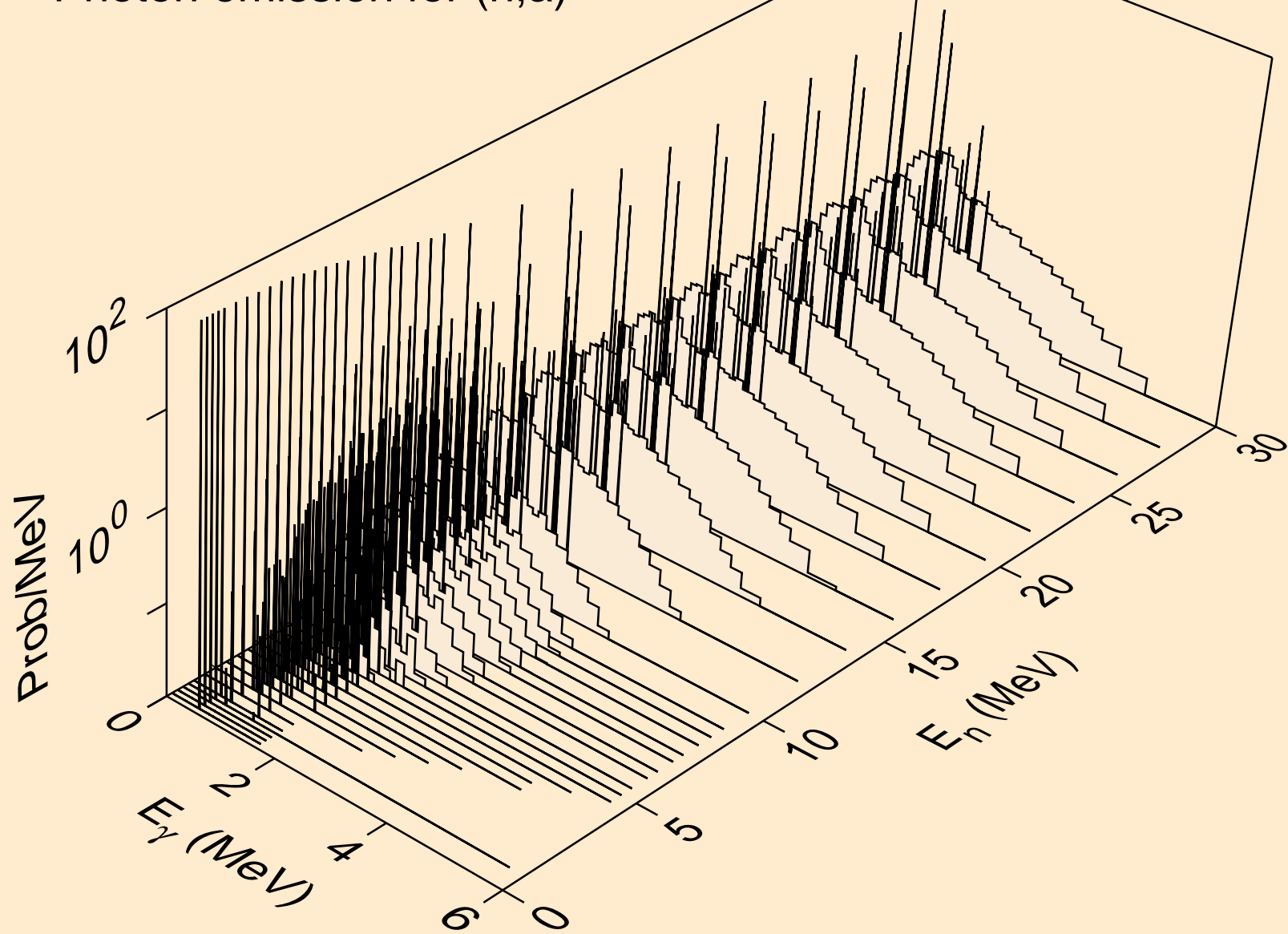
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



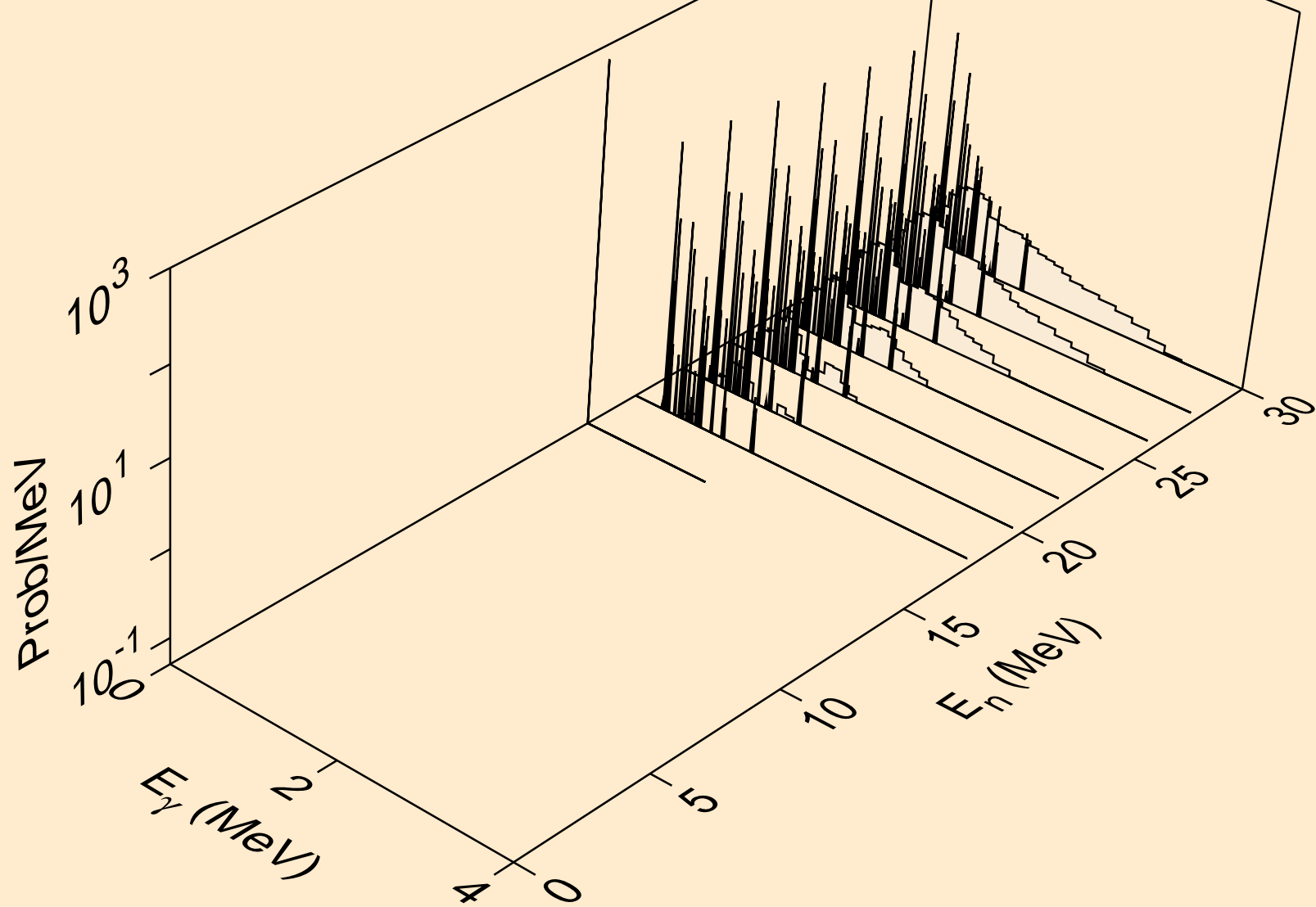
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



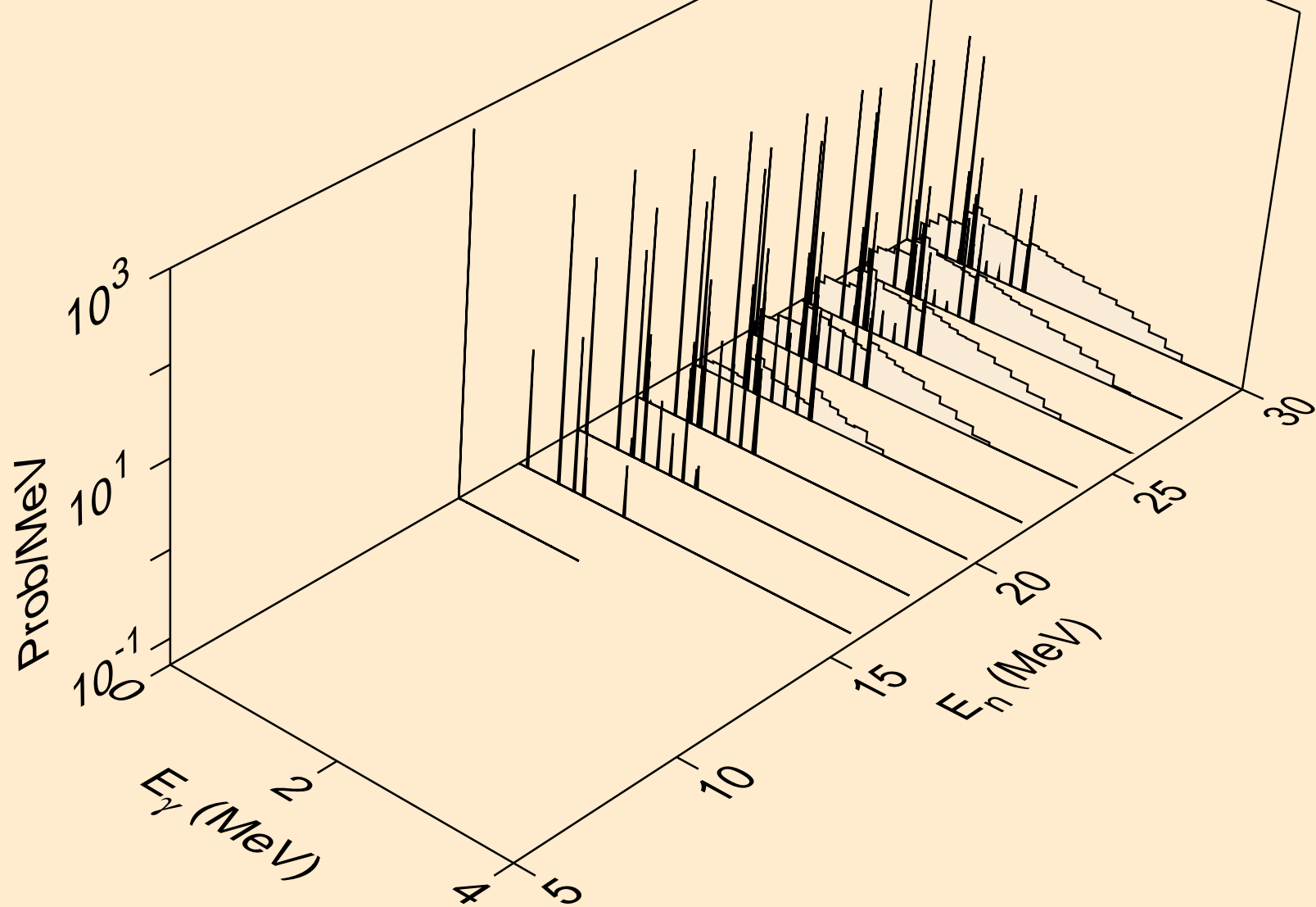
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)

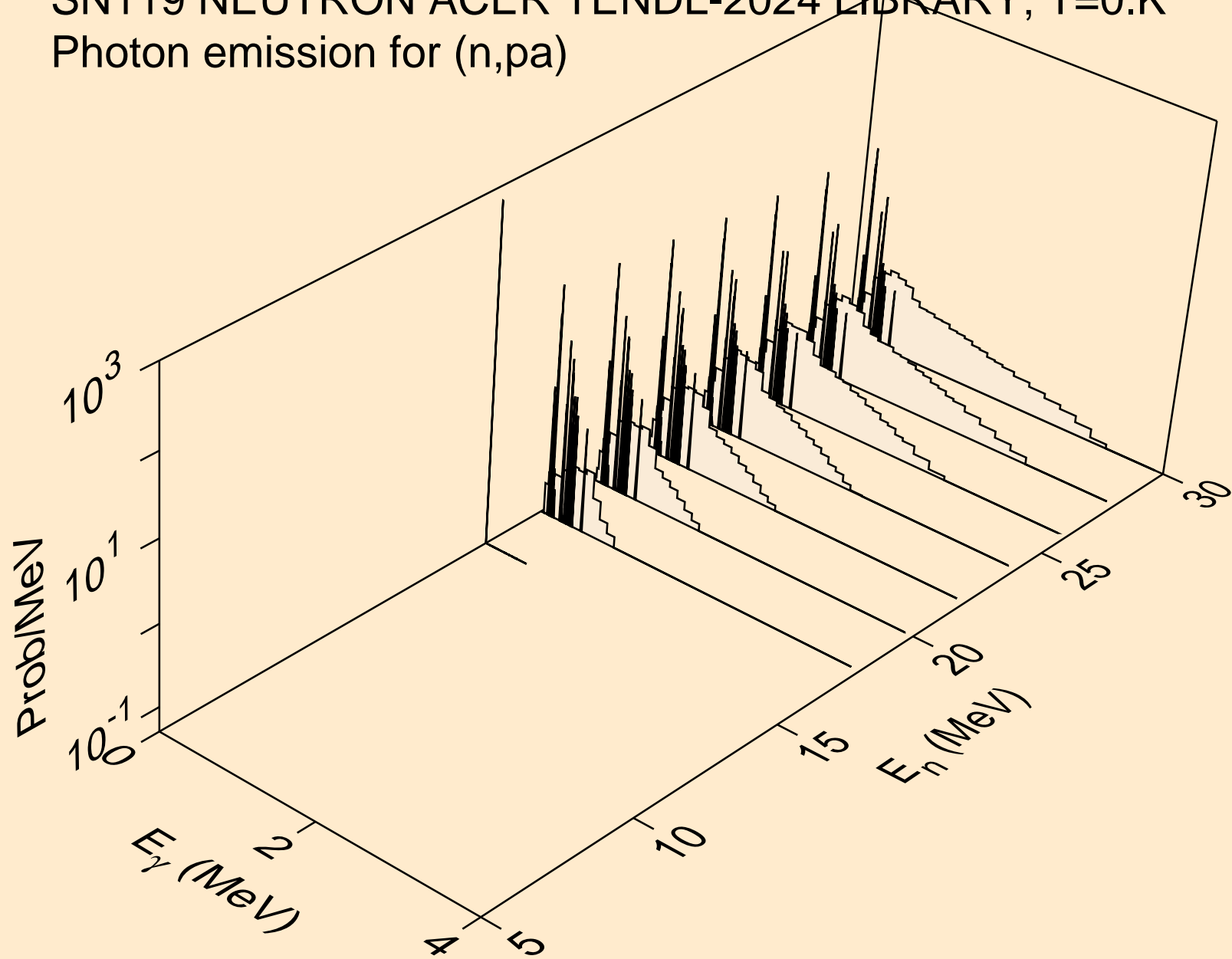


SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

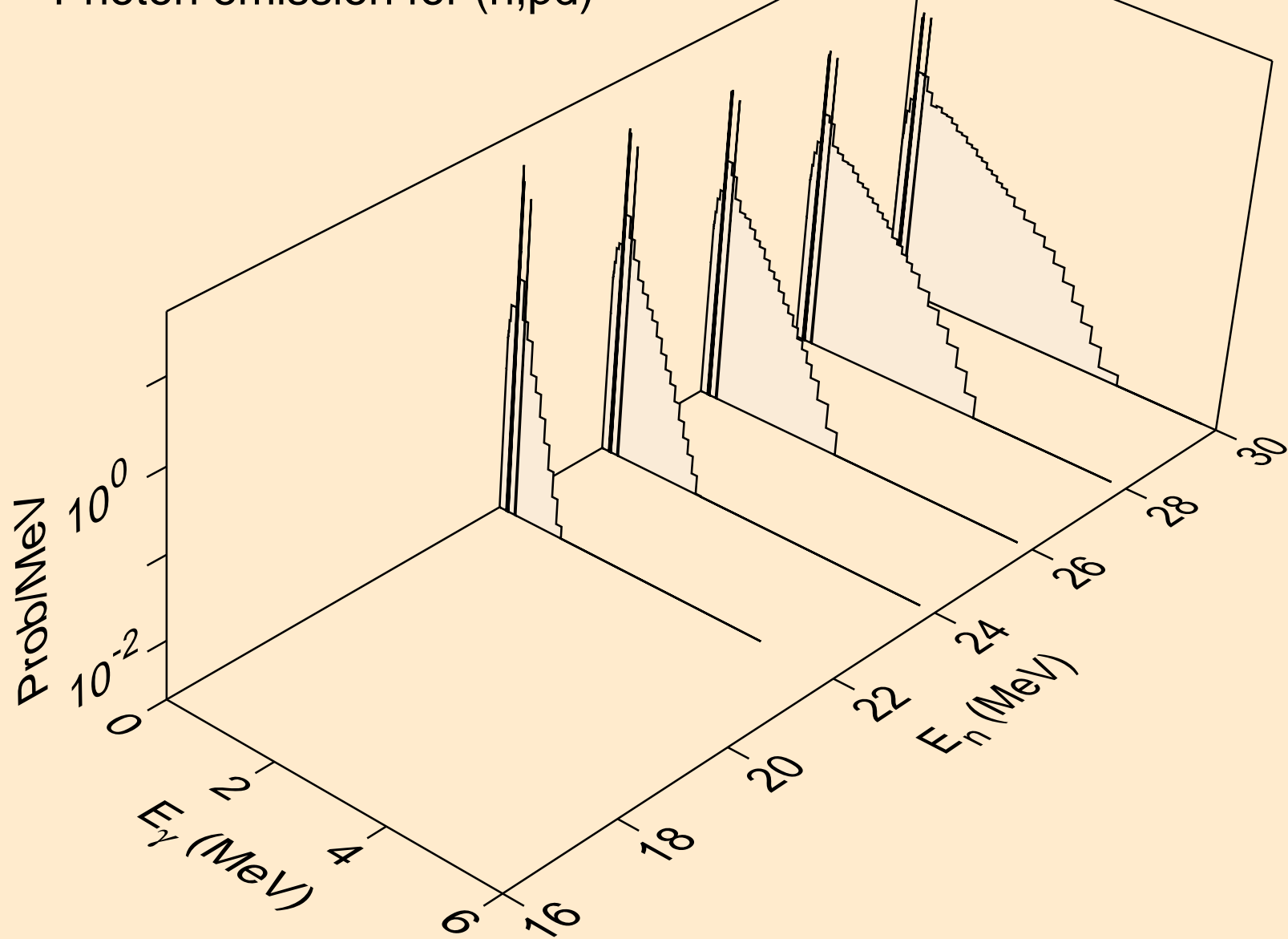




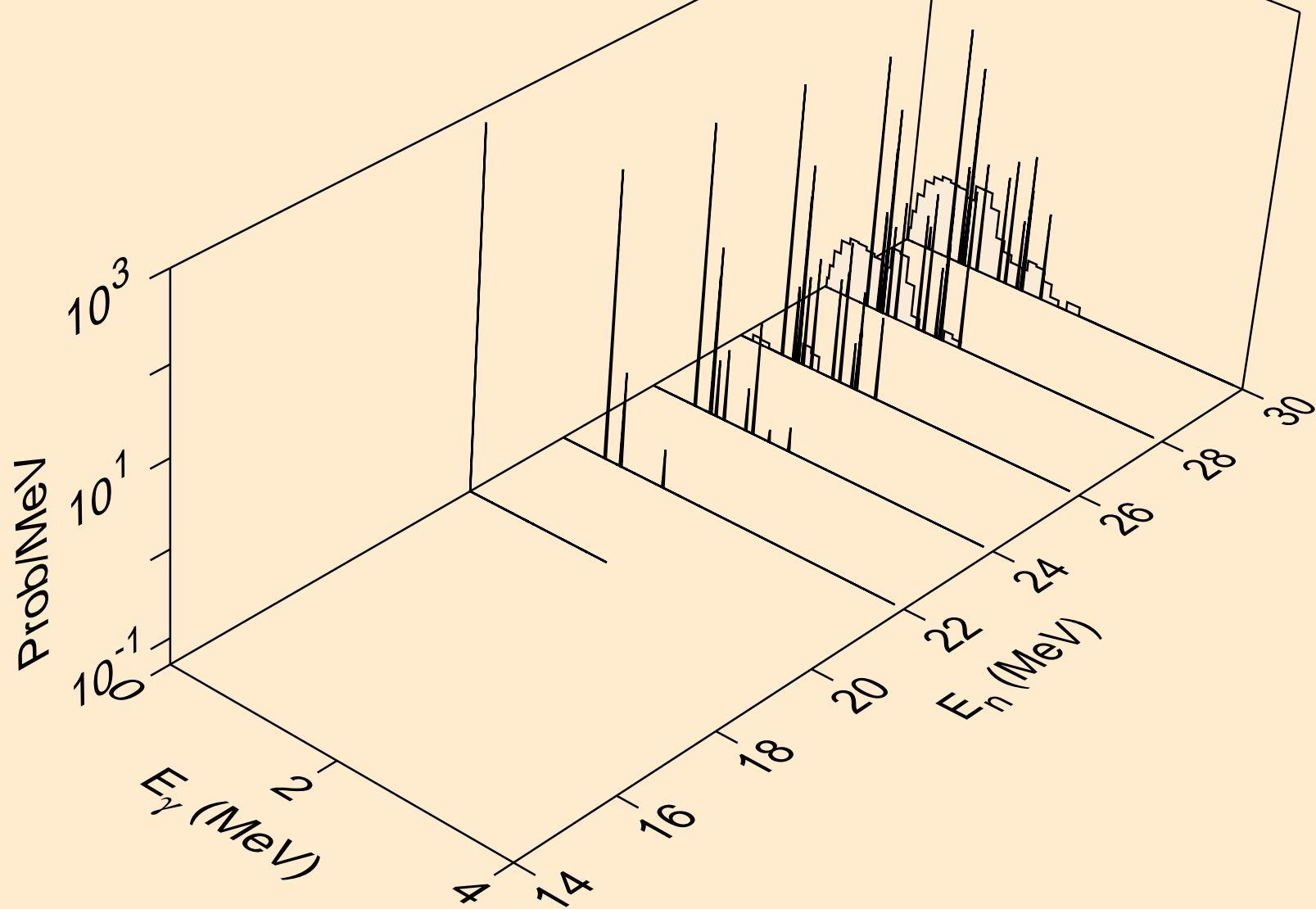
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



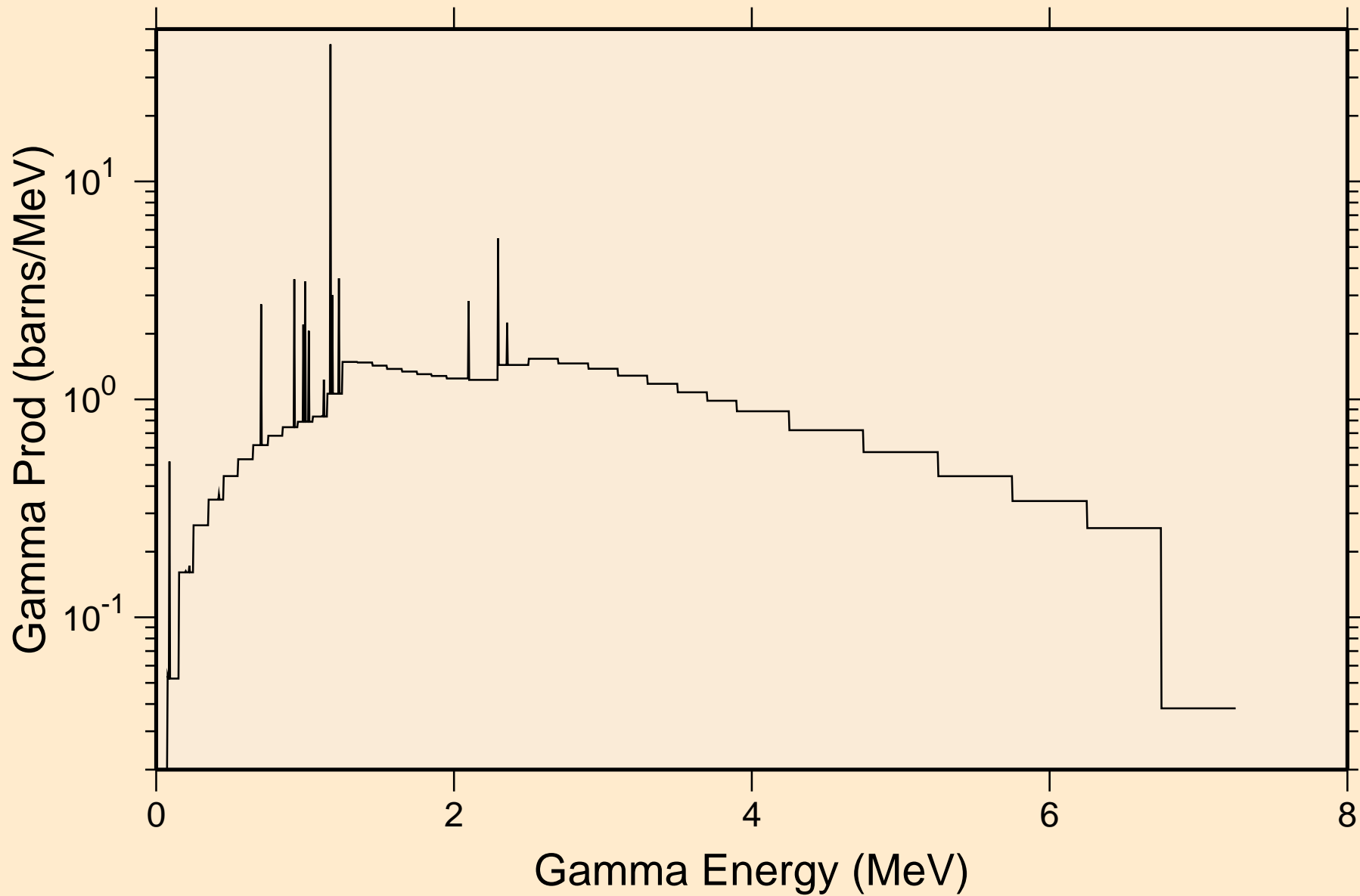
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



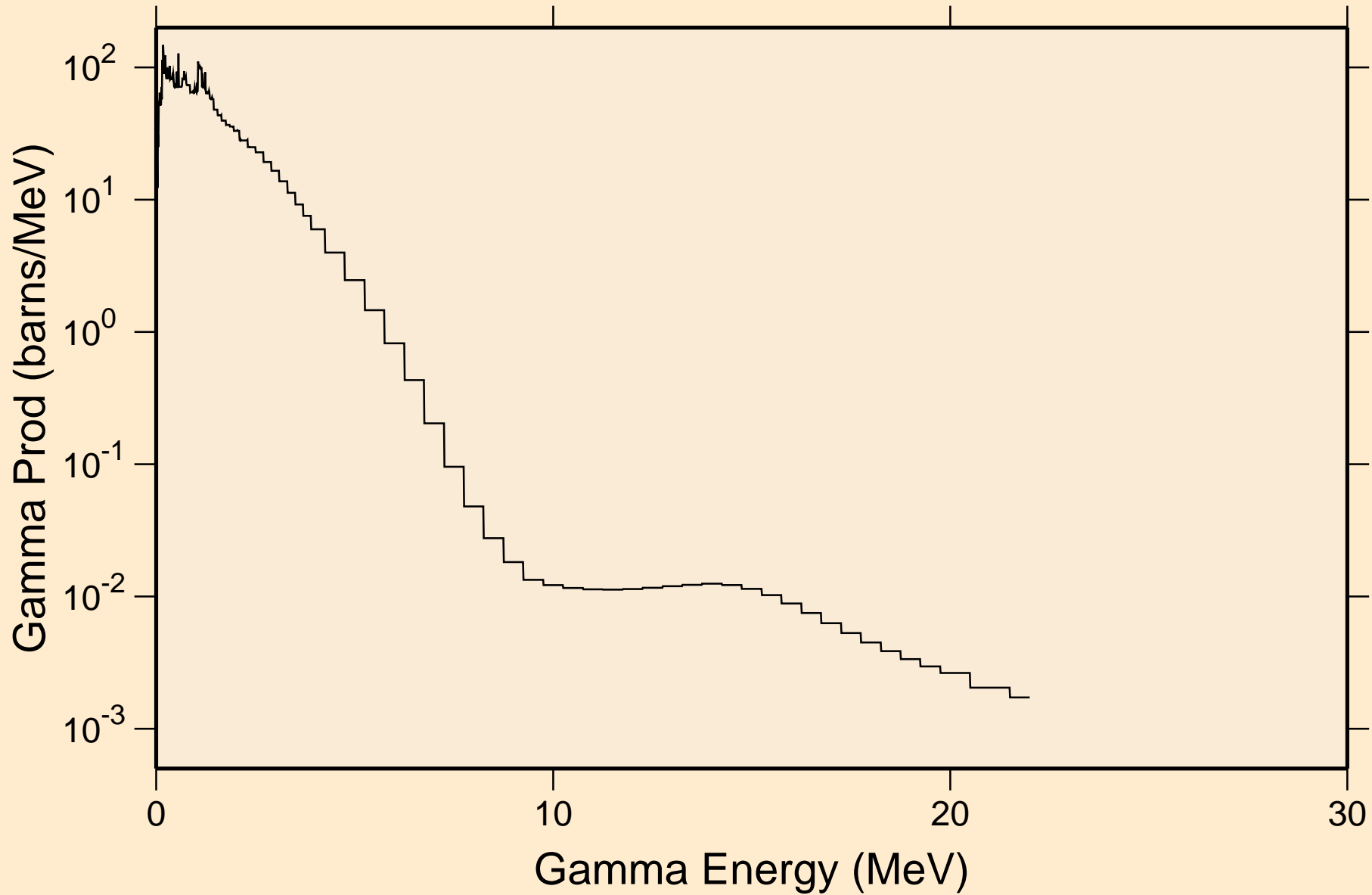
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

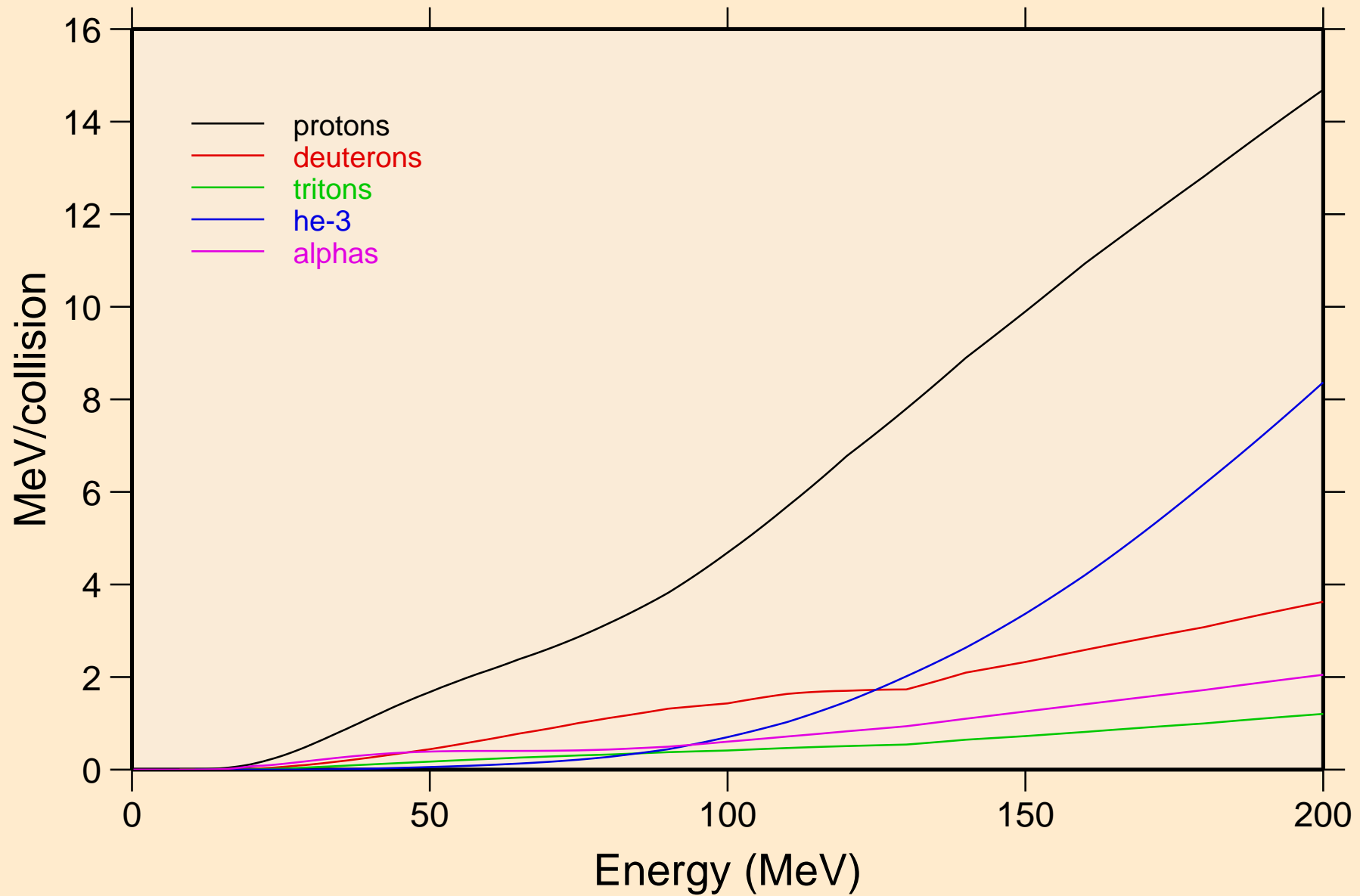


SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



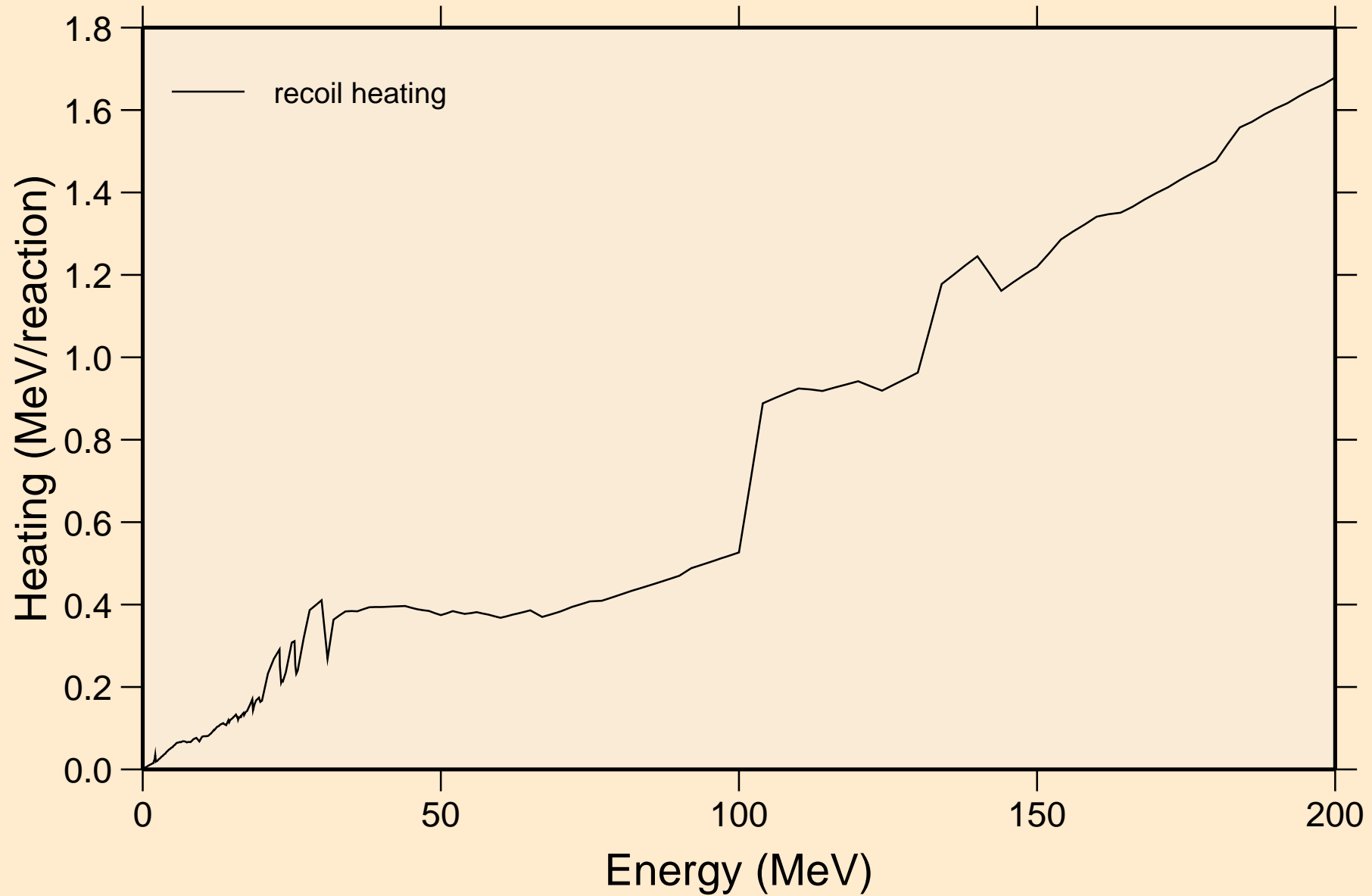
# SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

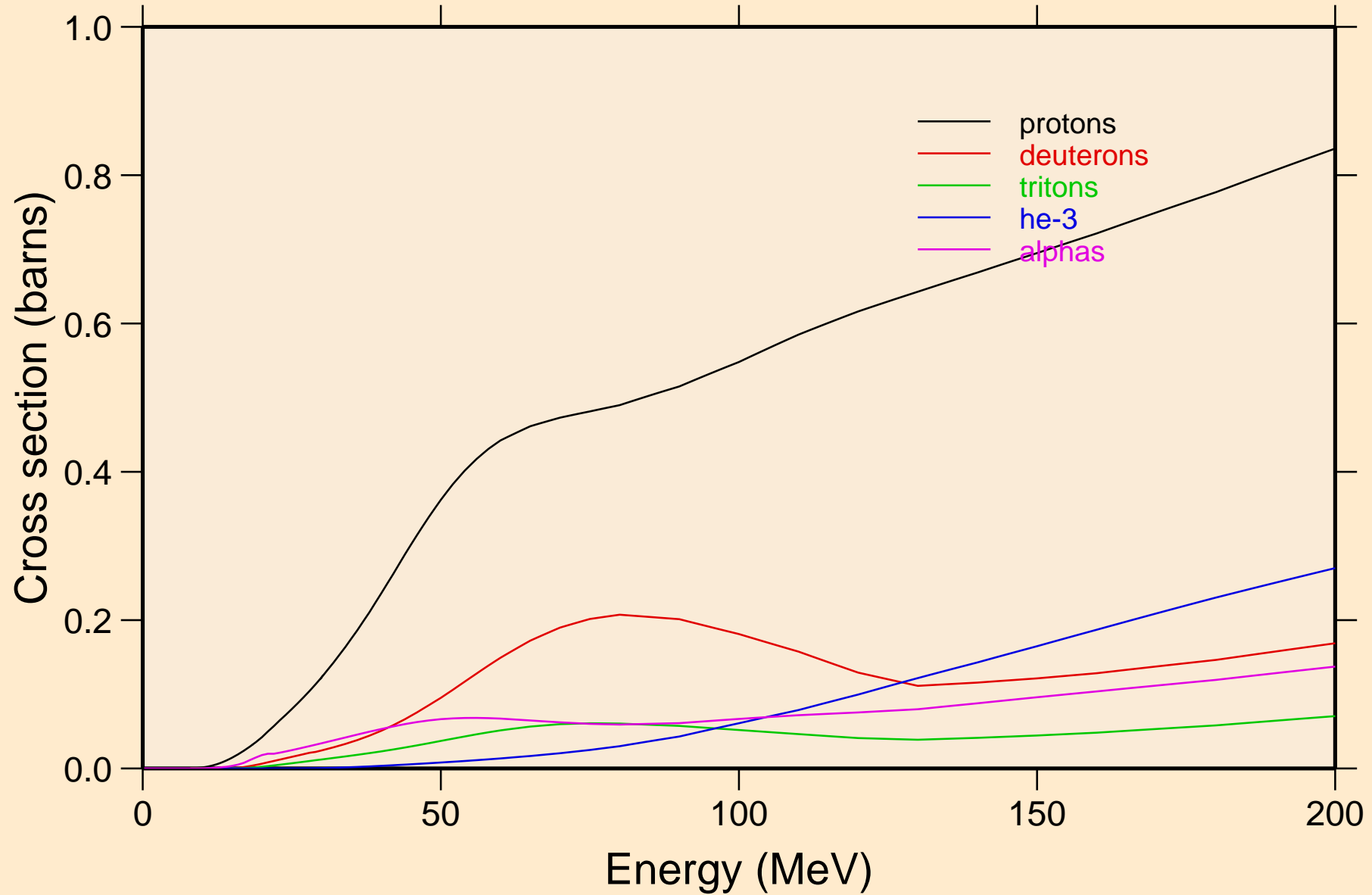


# SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

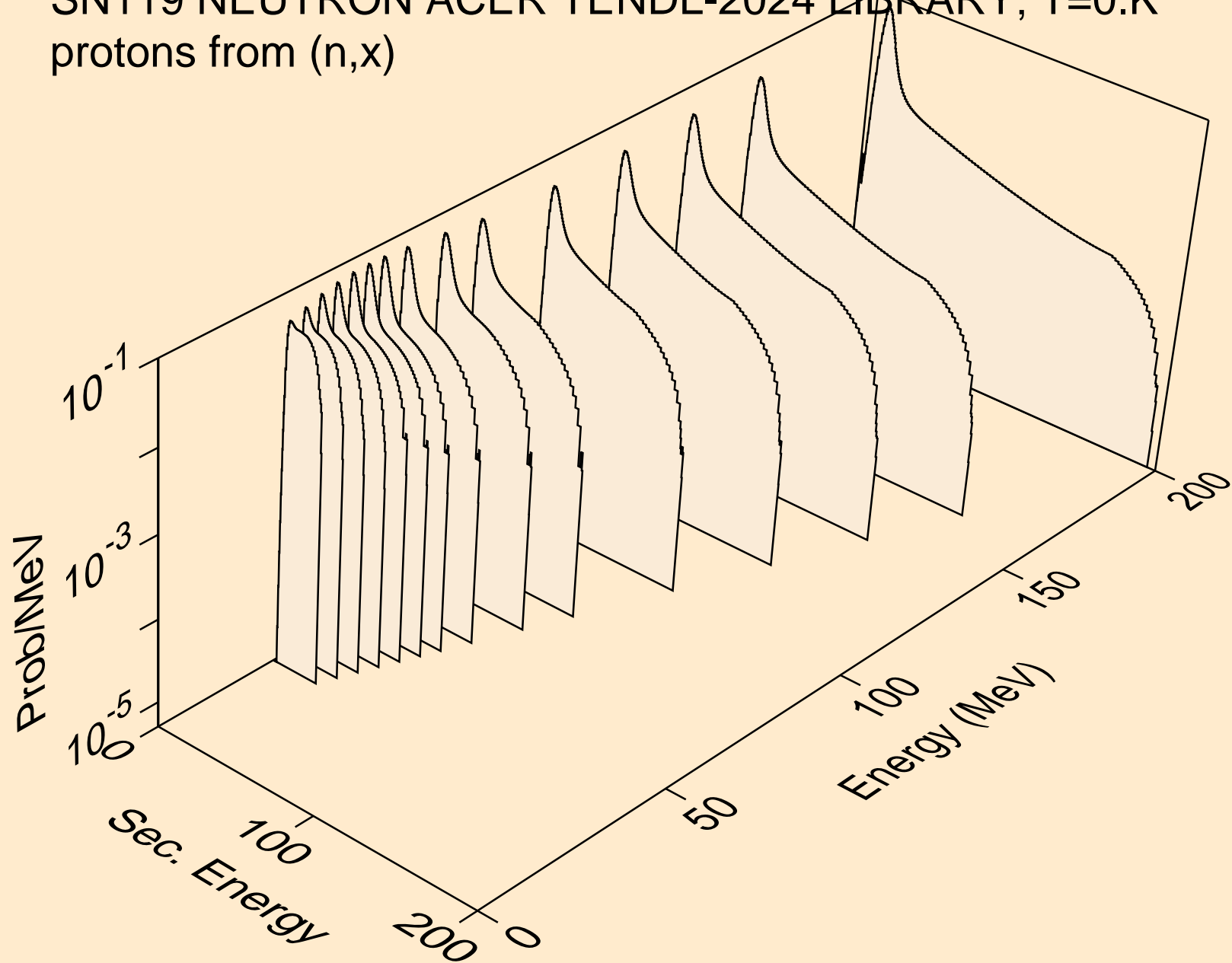


SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections

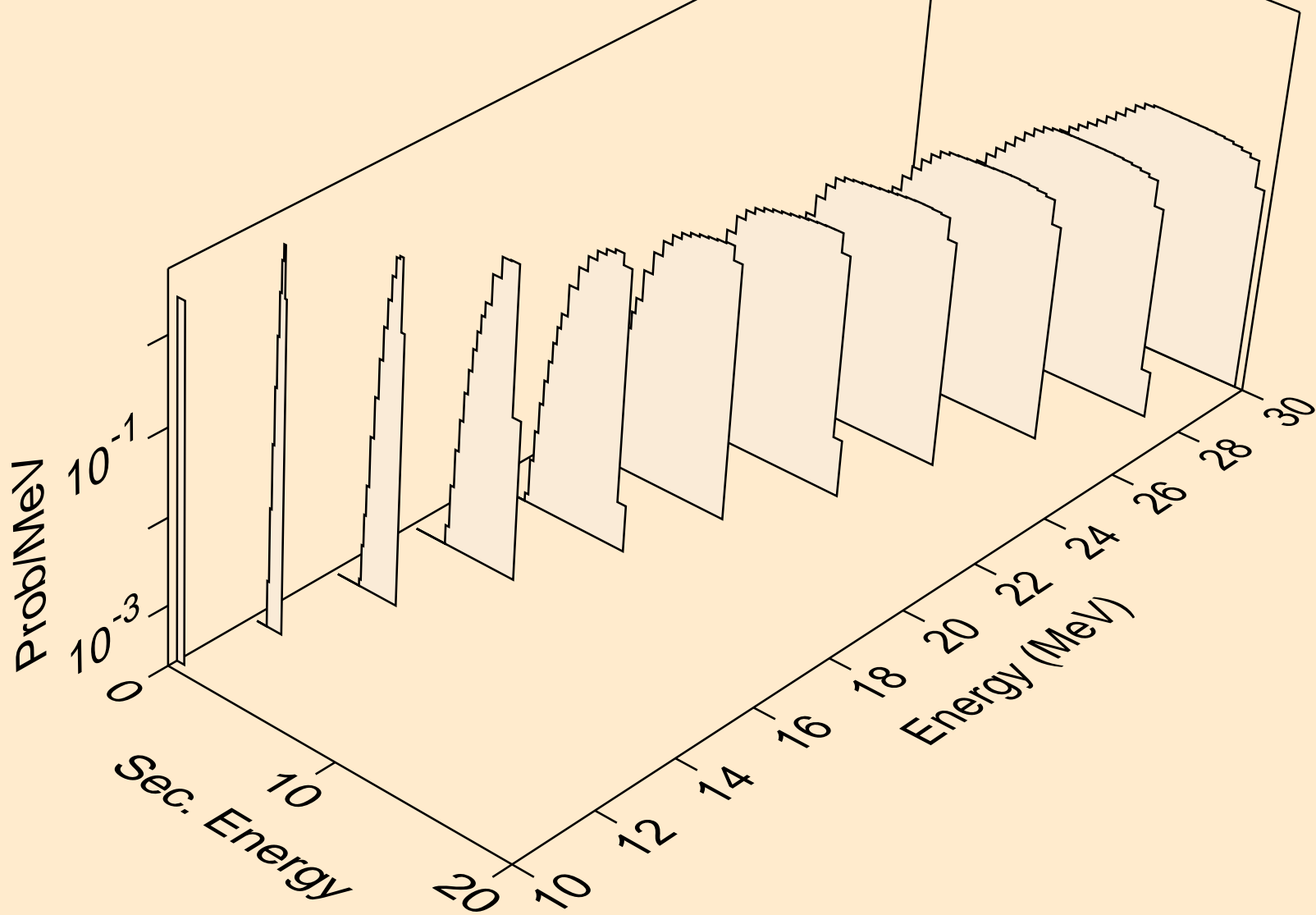




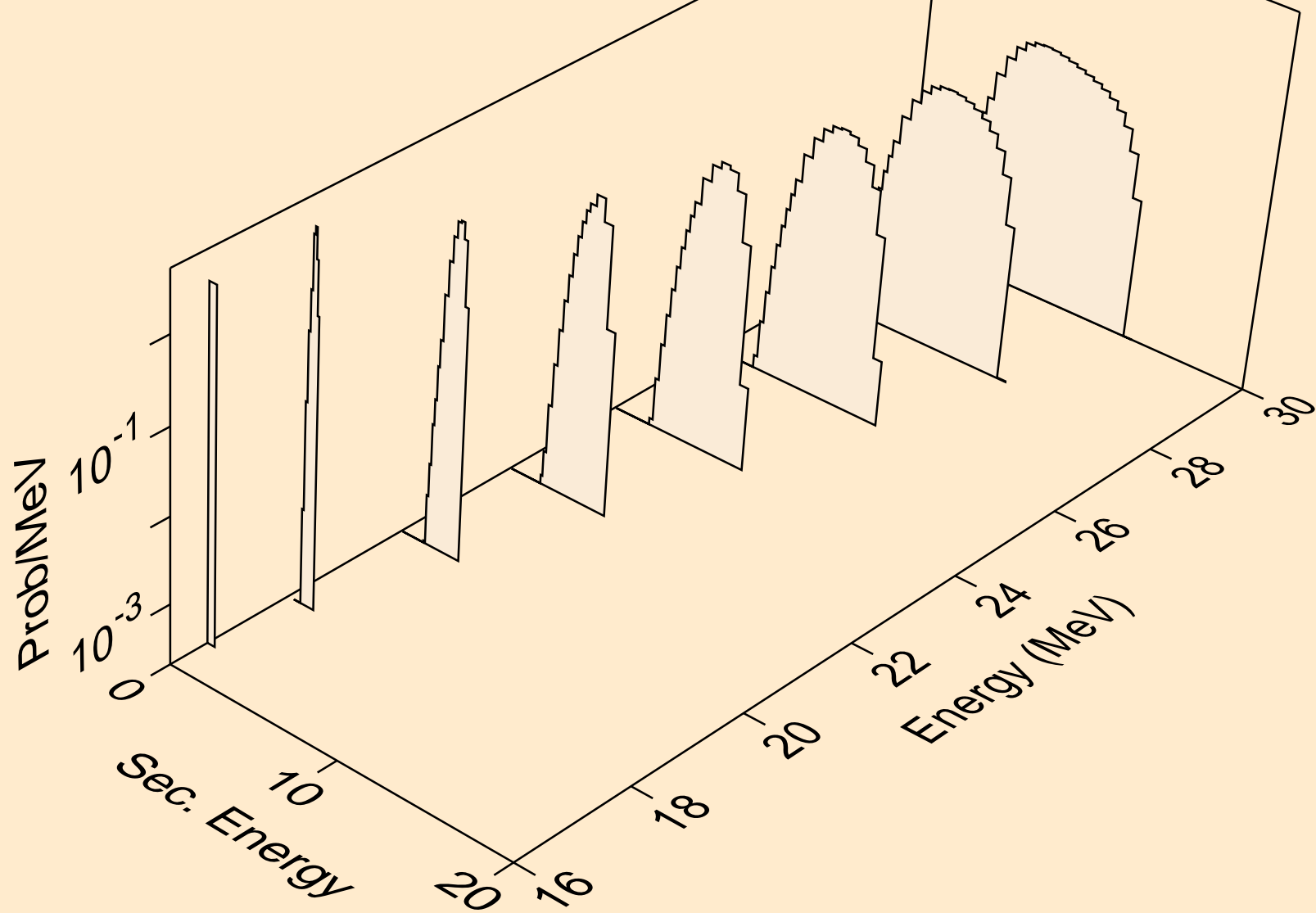
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



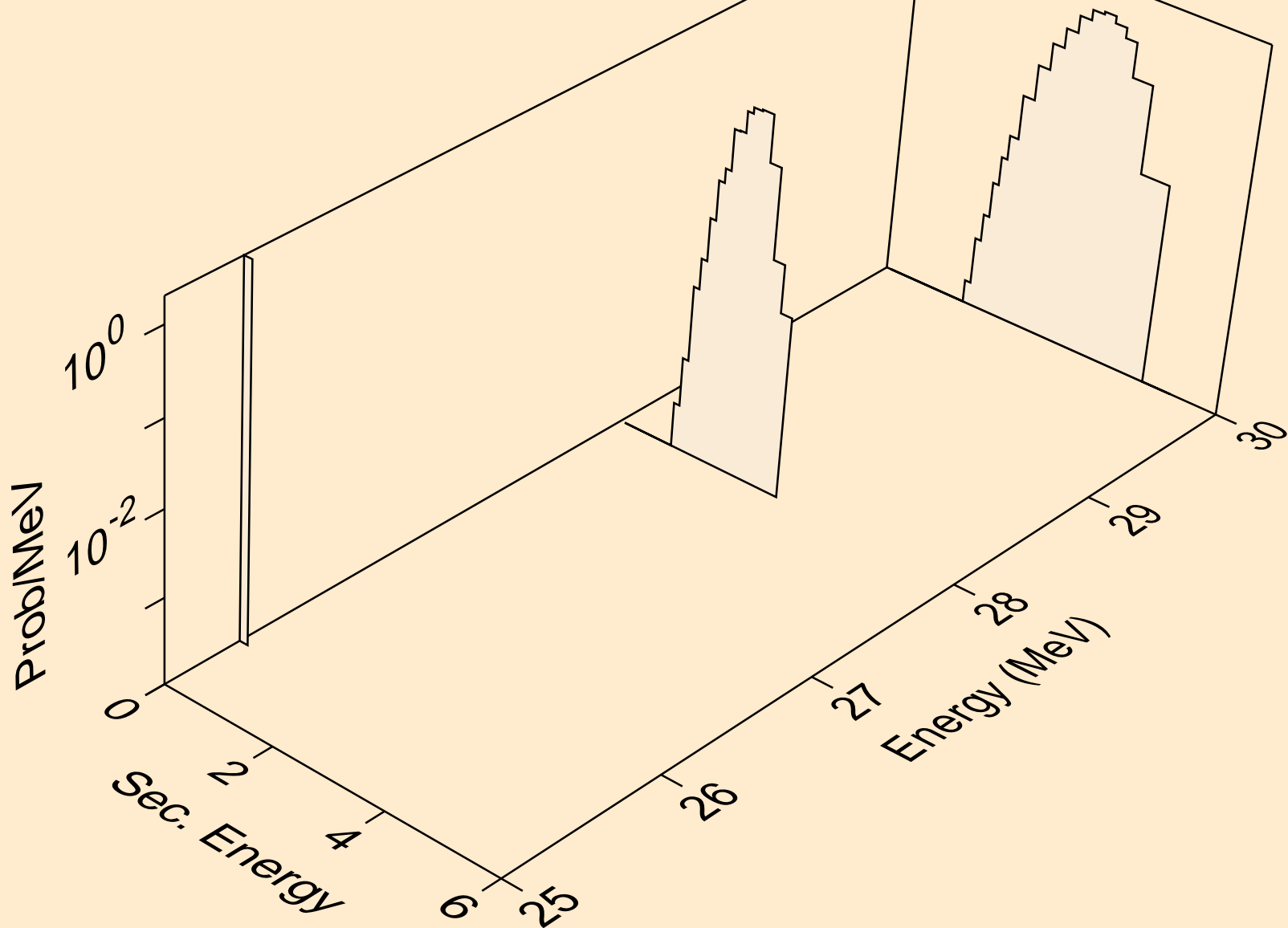
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



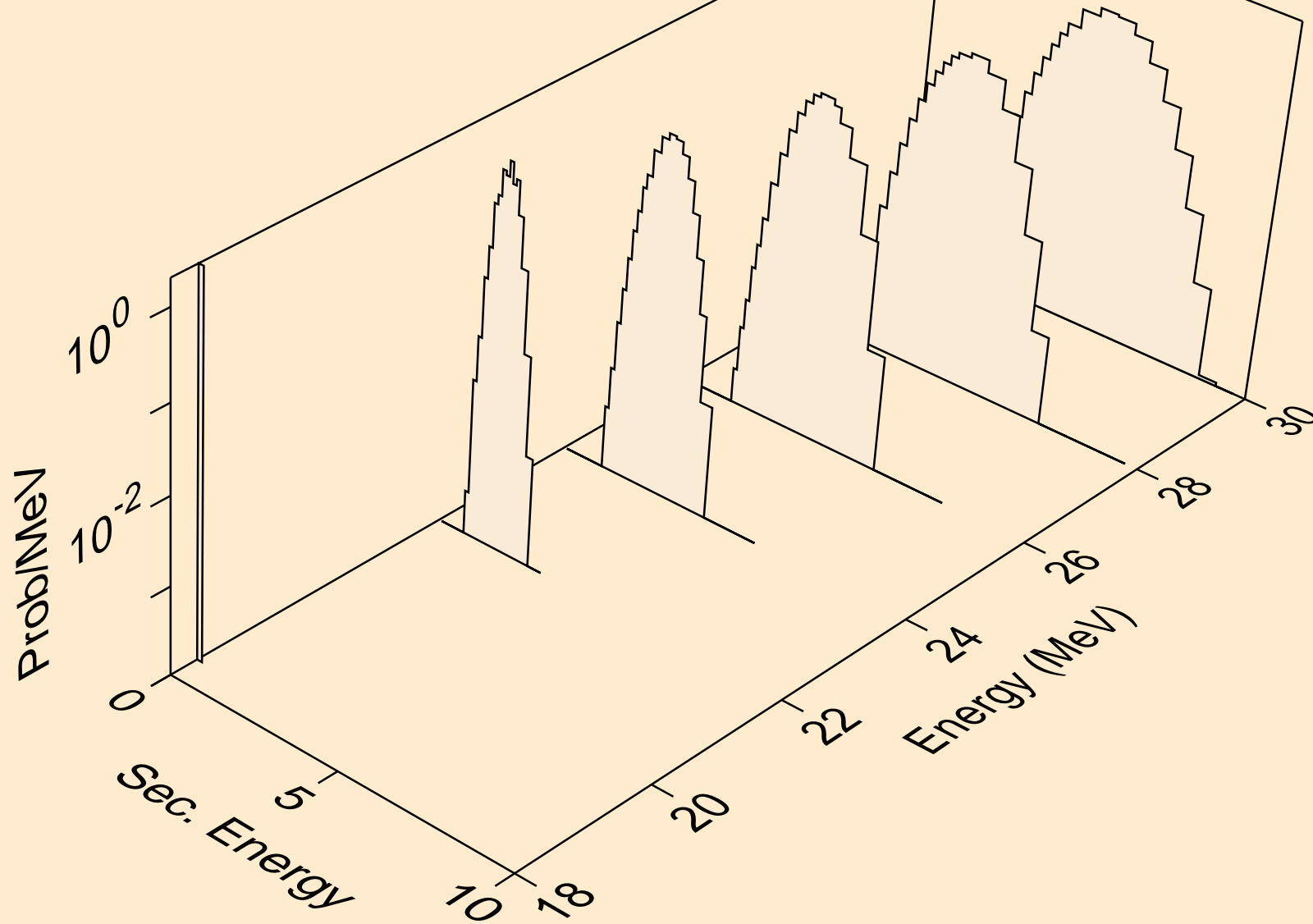
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



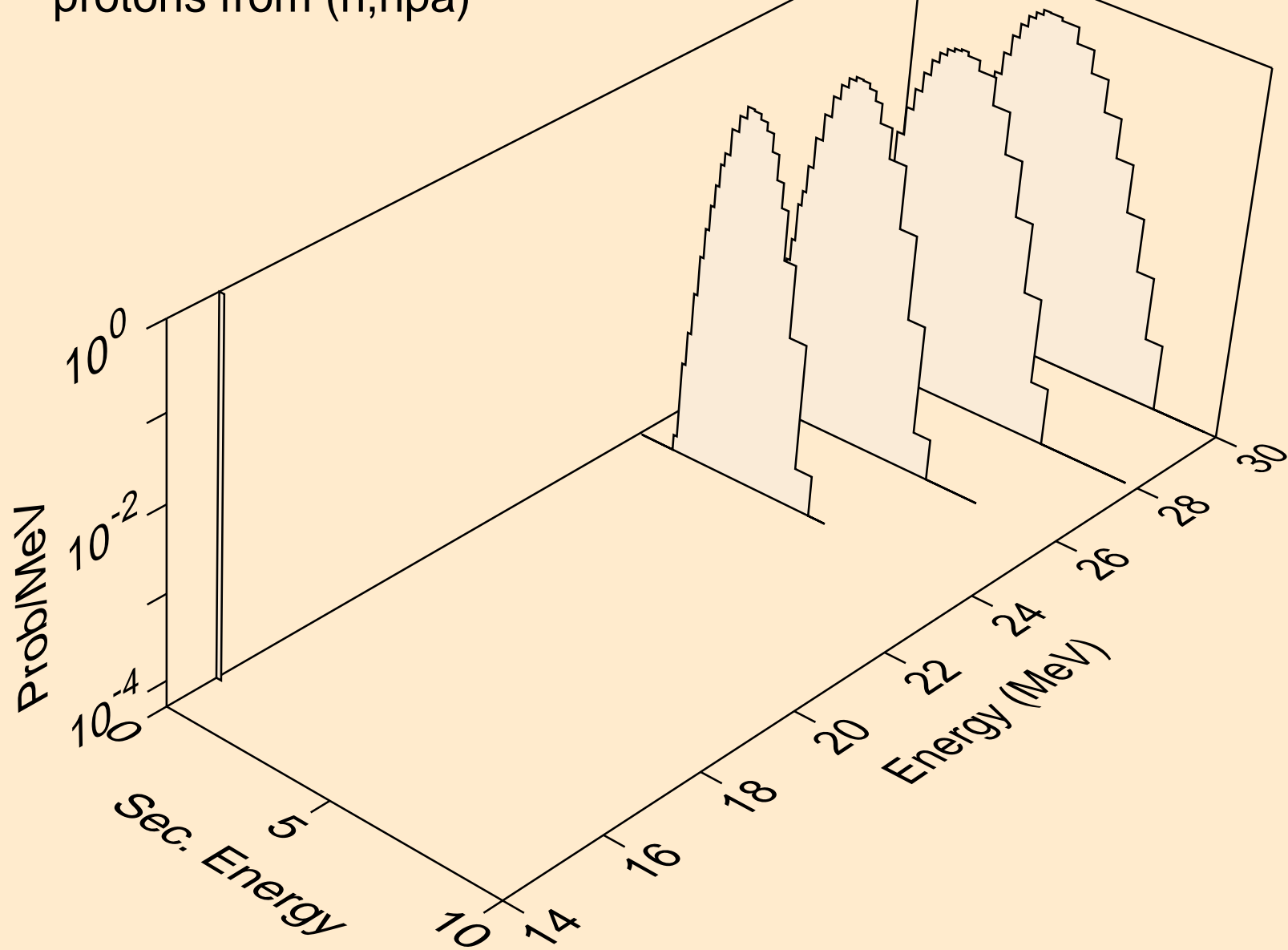
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



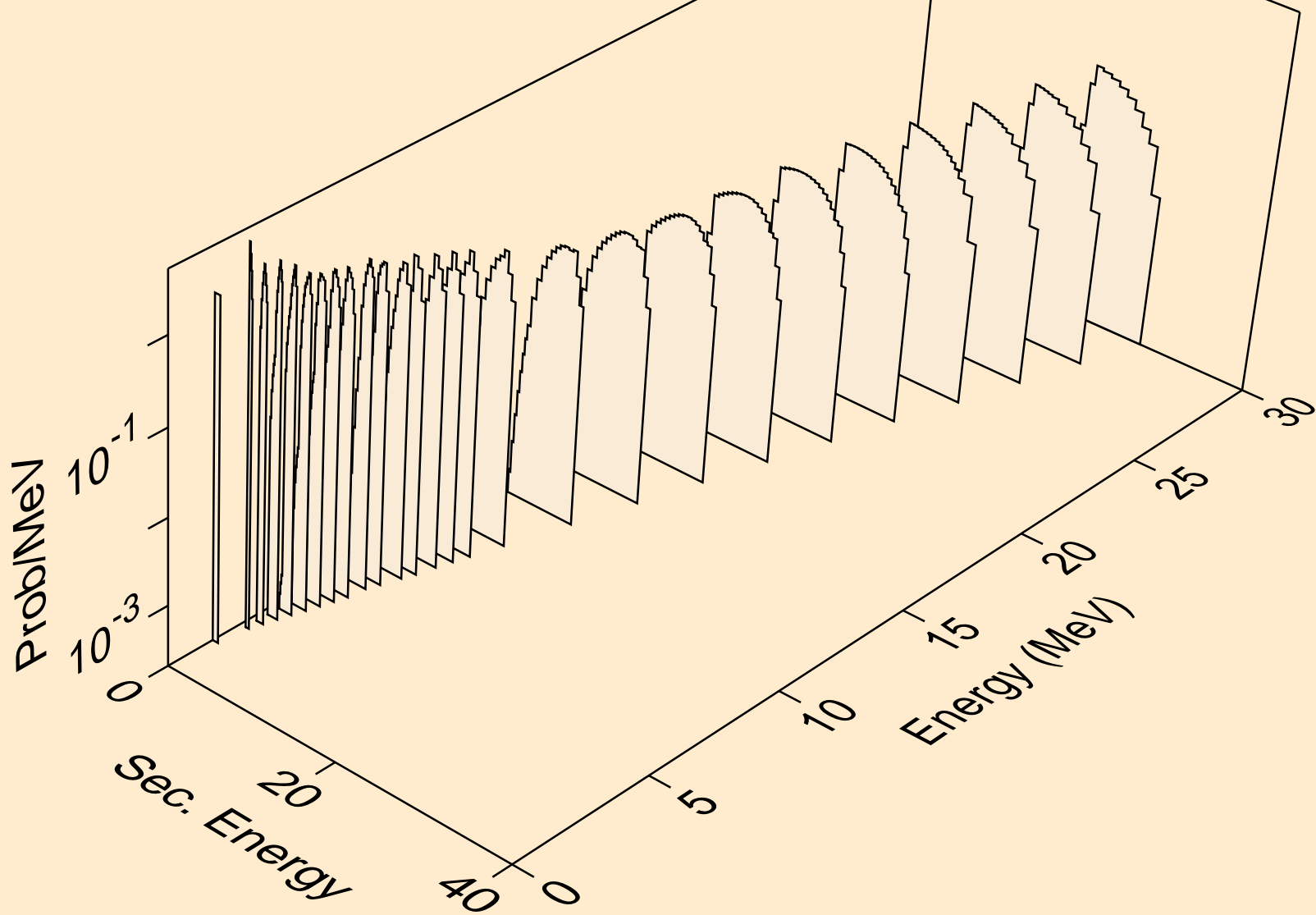
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



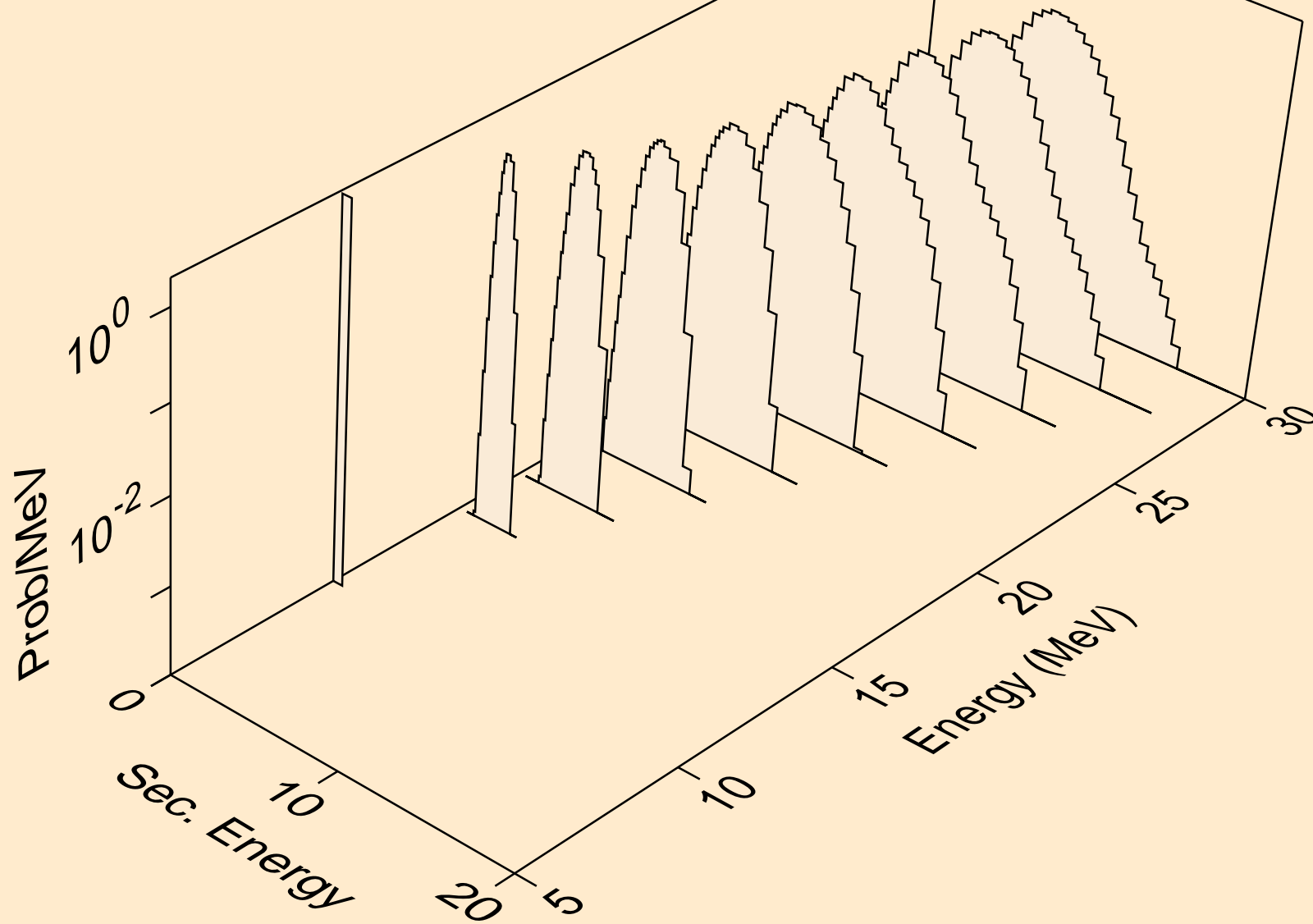
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

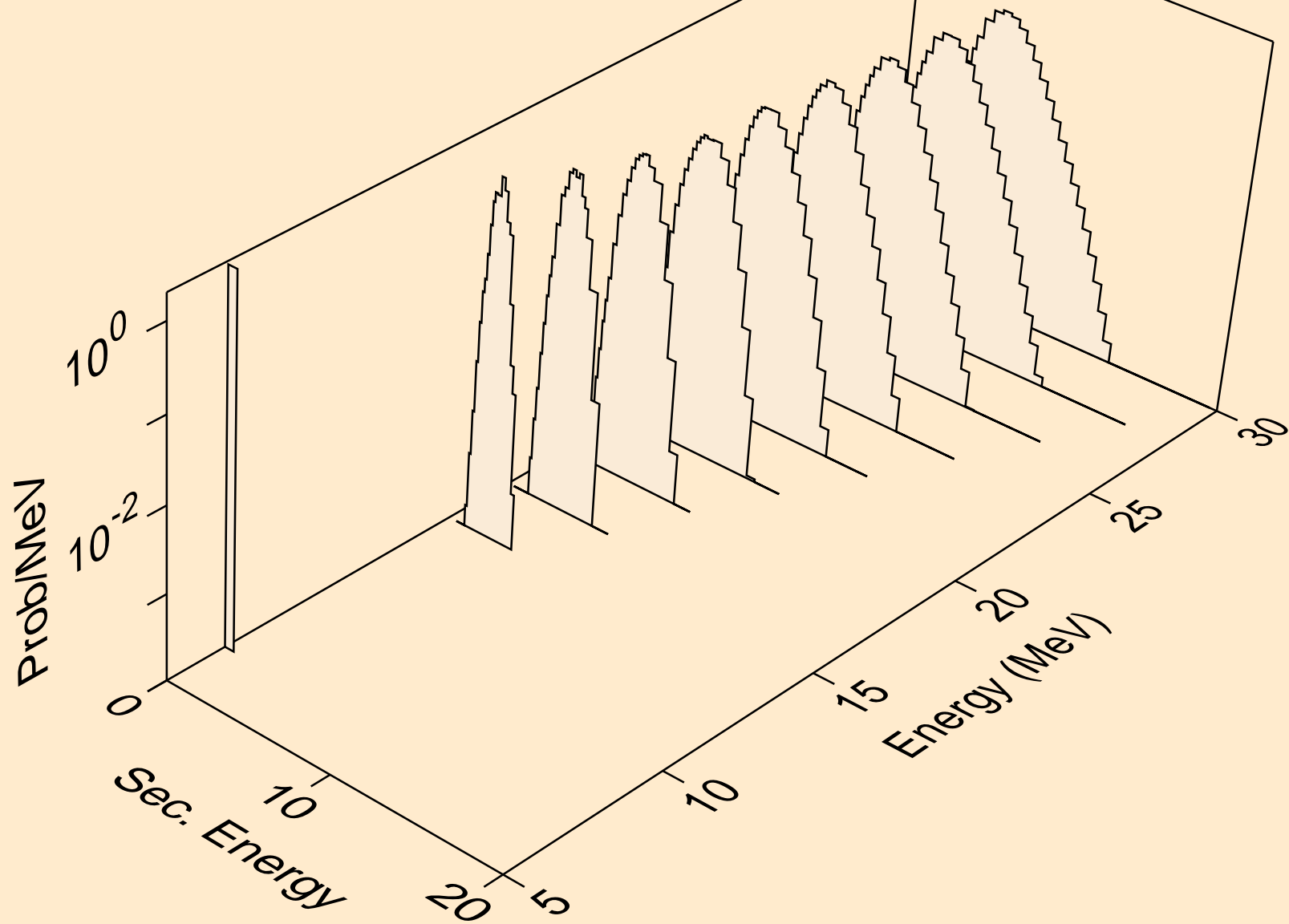


SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)

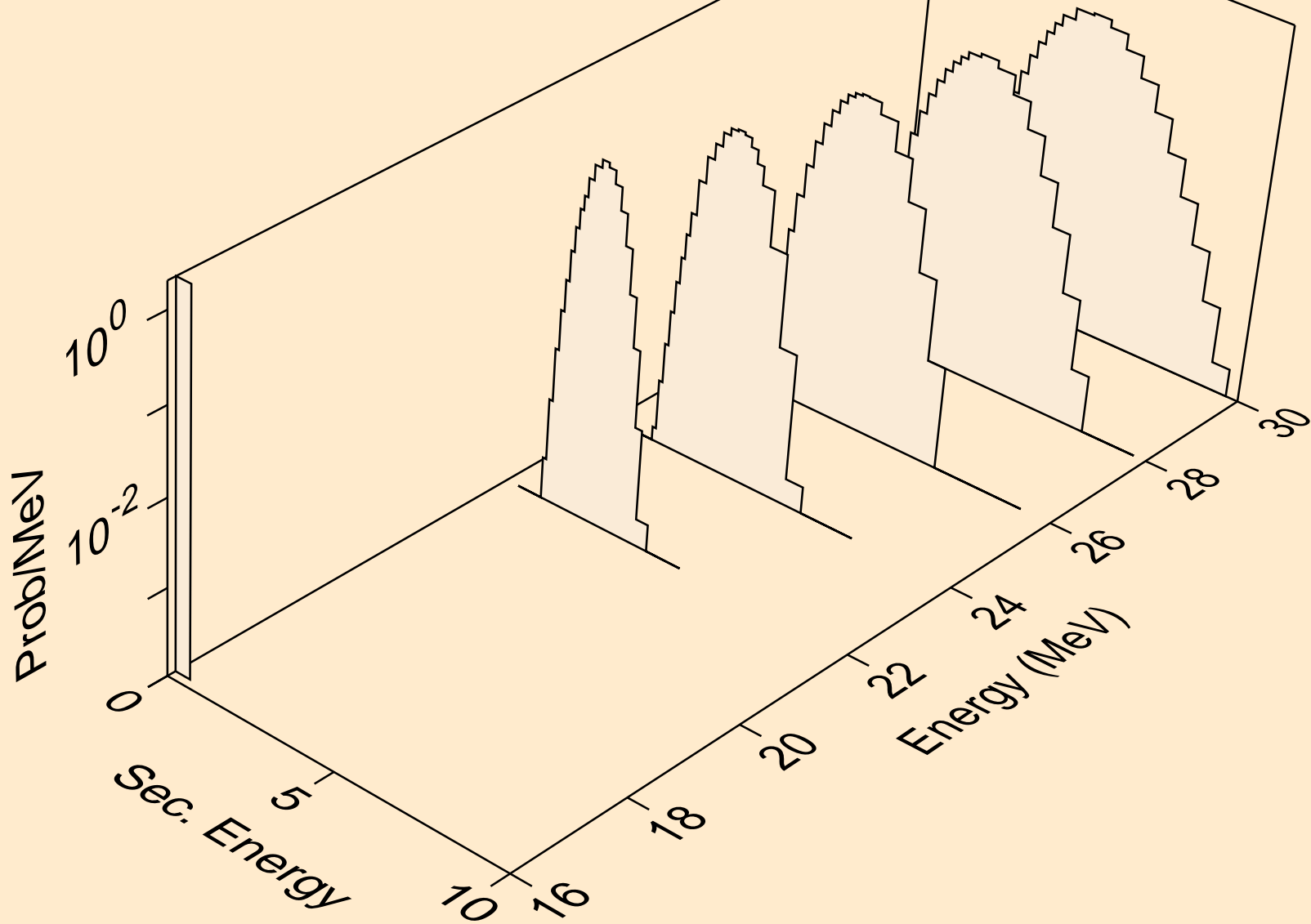




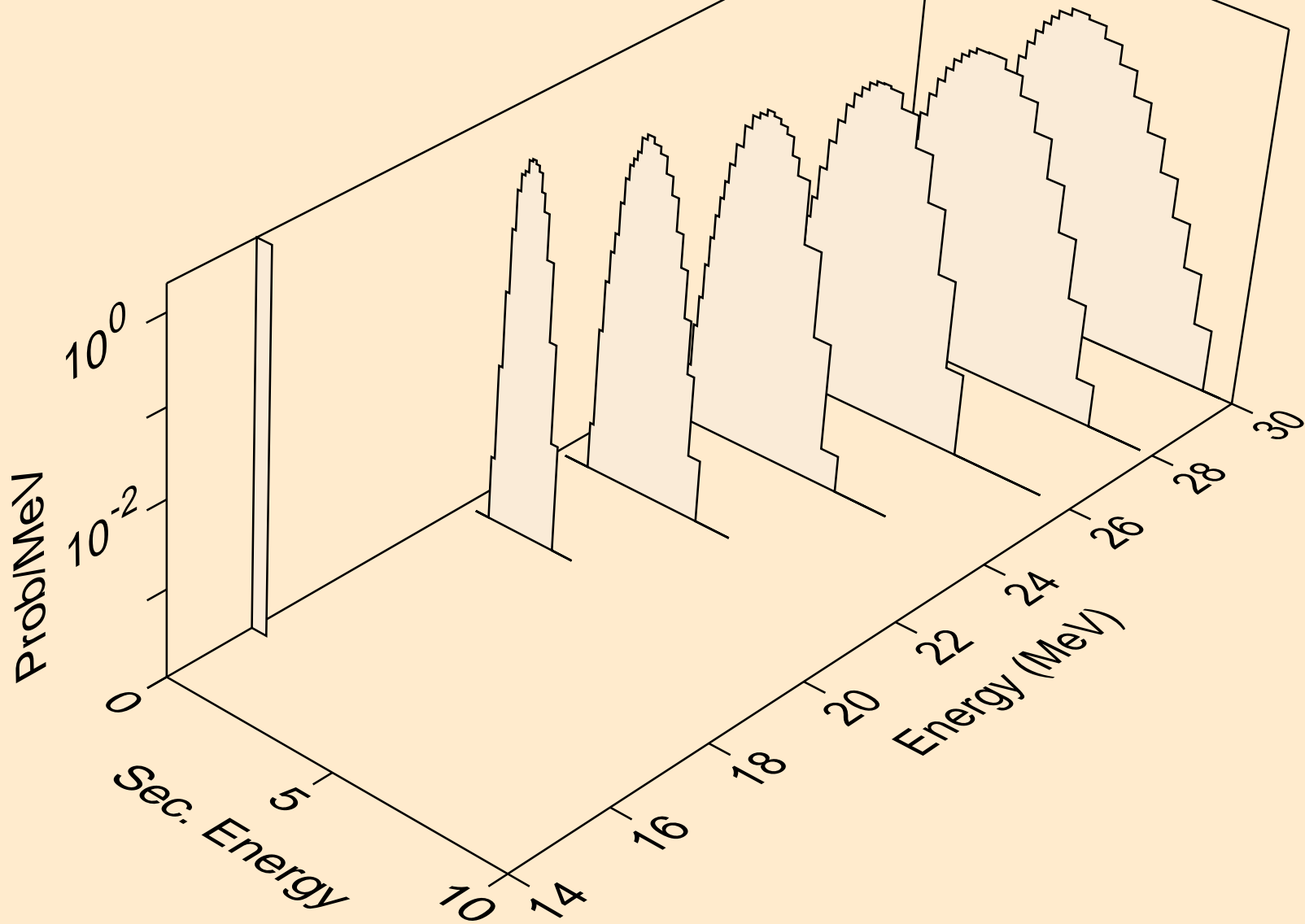
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protons from (n,pa)



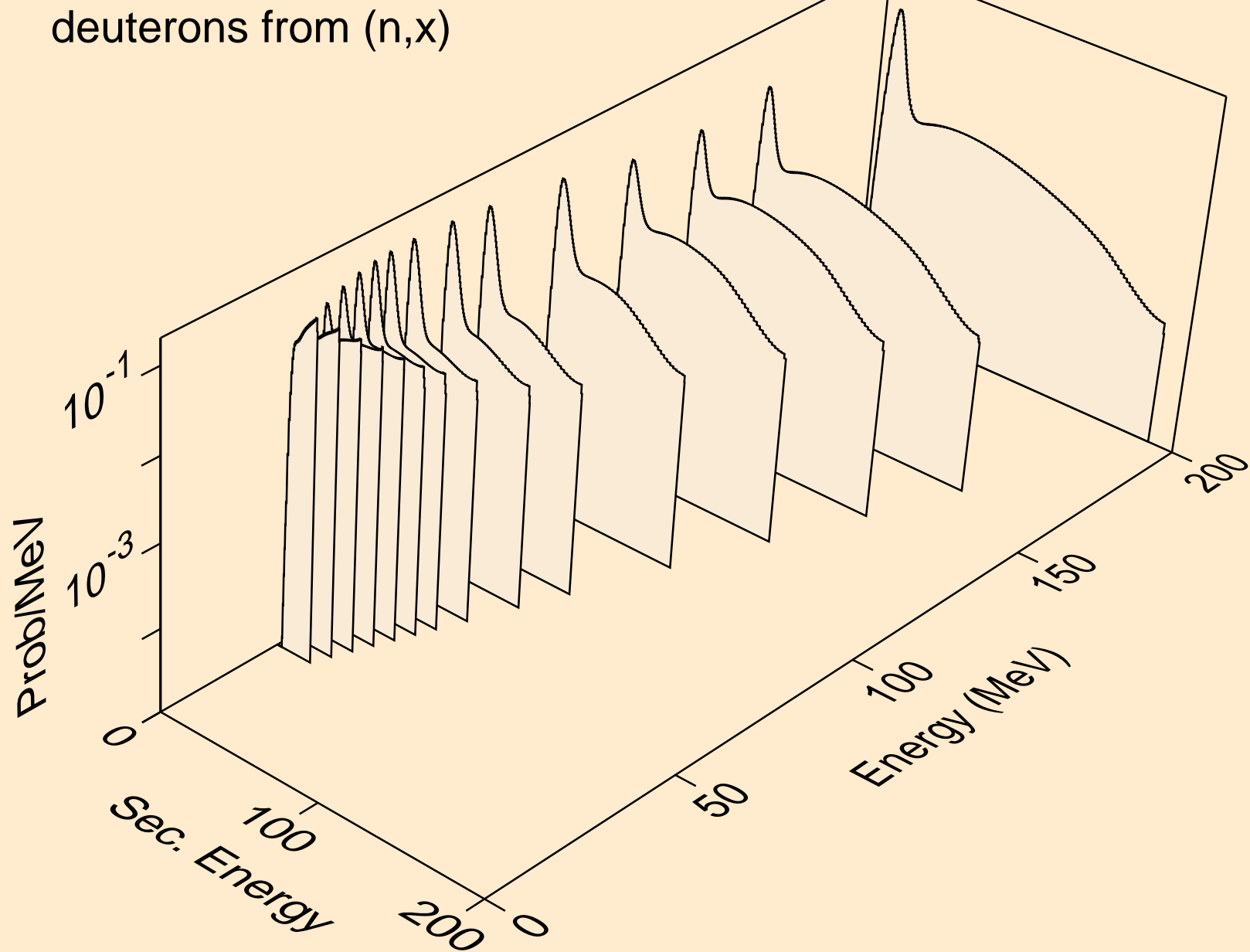
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protons from (n,pd)



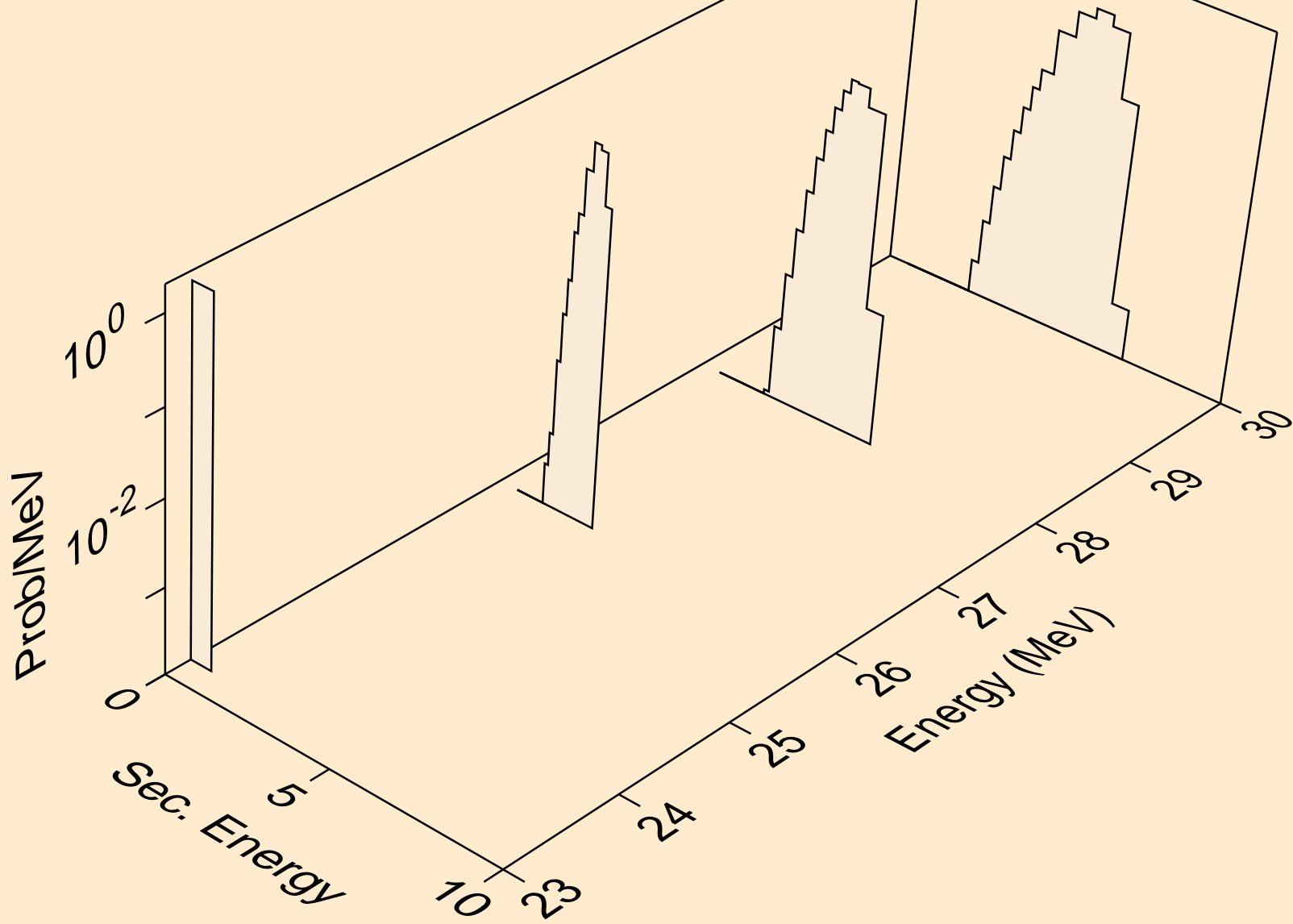
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protons from (n,pt)



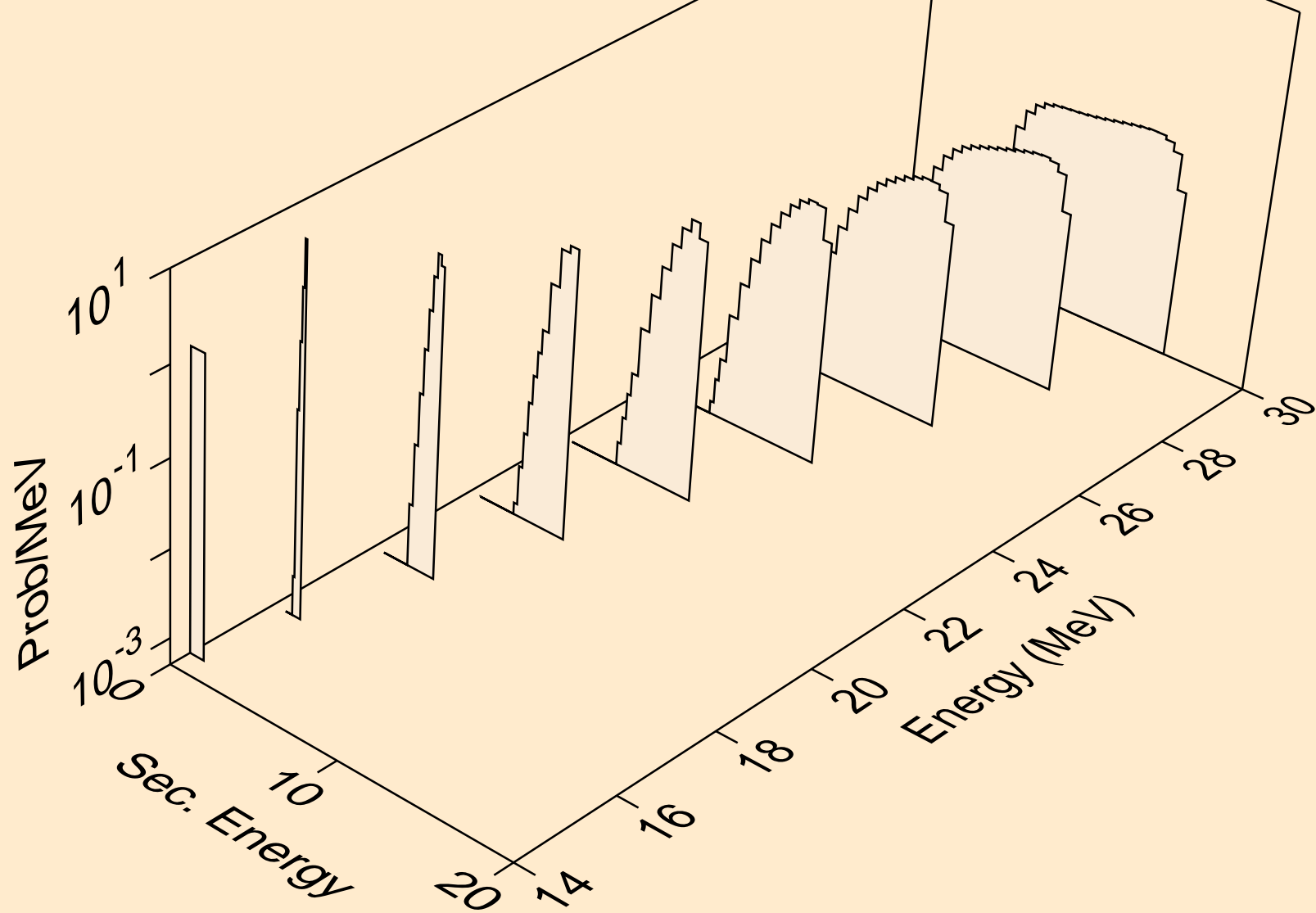
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deuterons from (n,x)



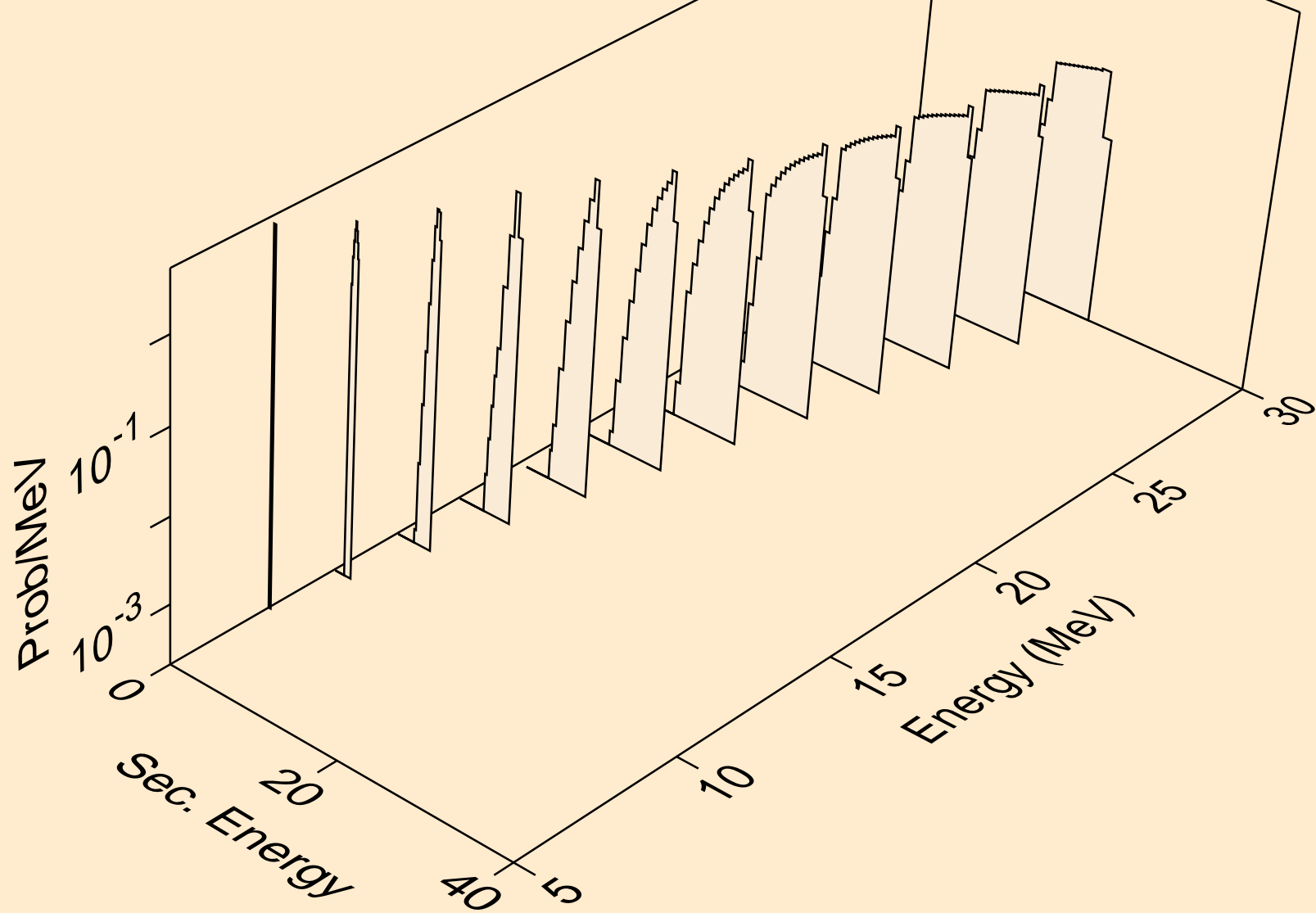
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deuterons from (n,2nd)



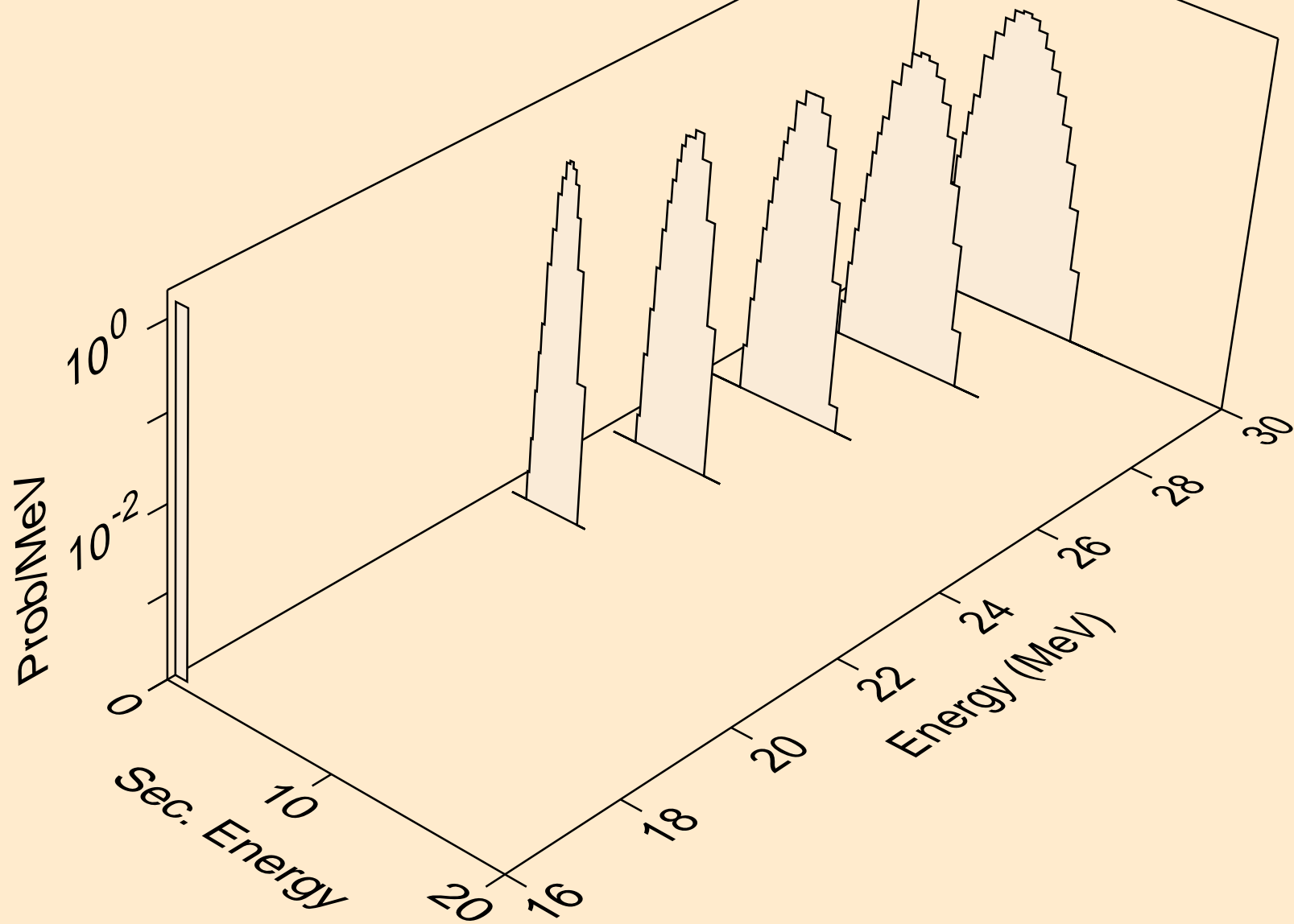
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)

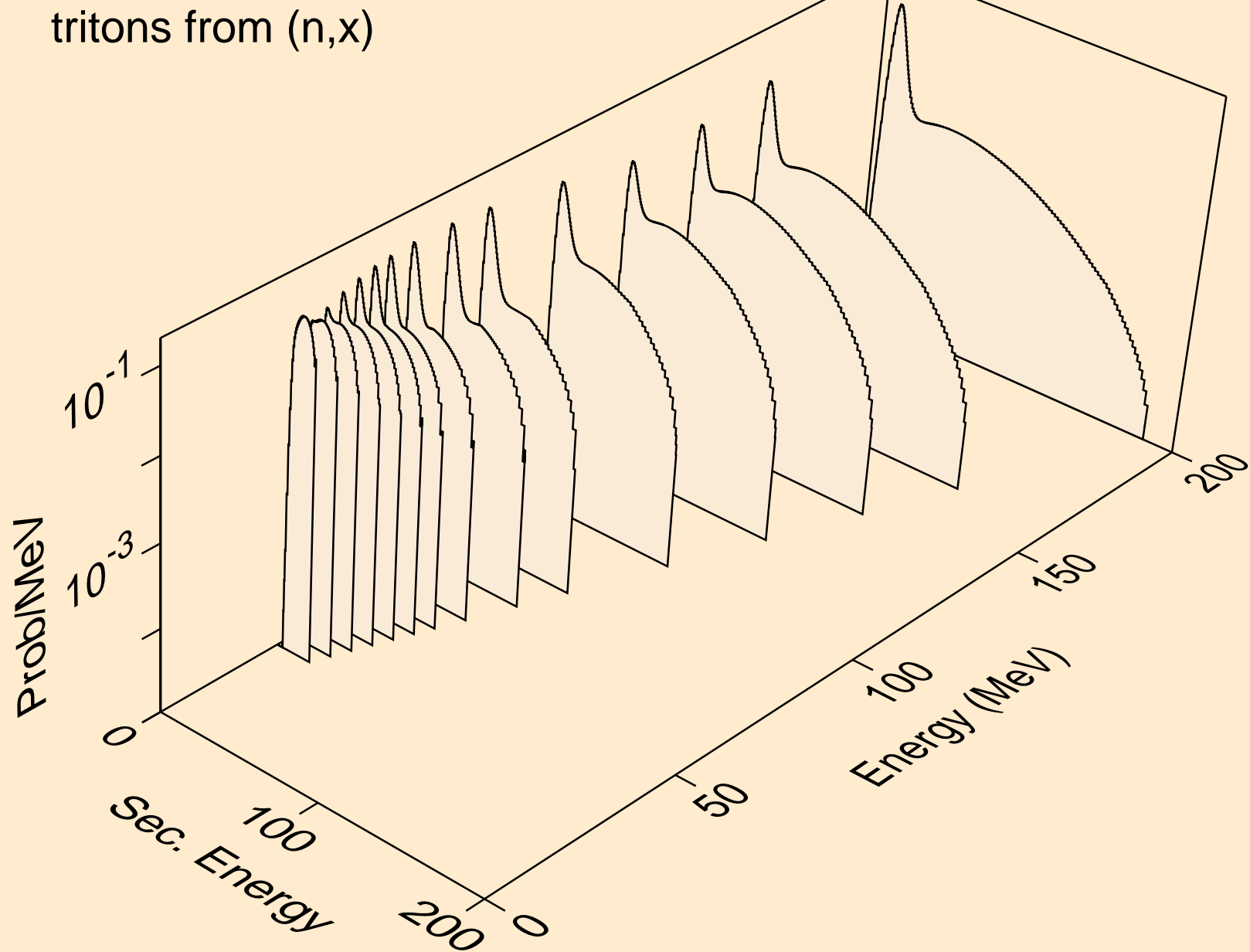


SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)

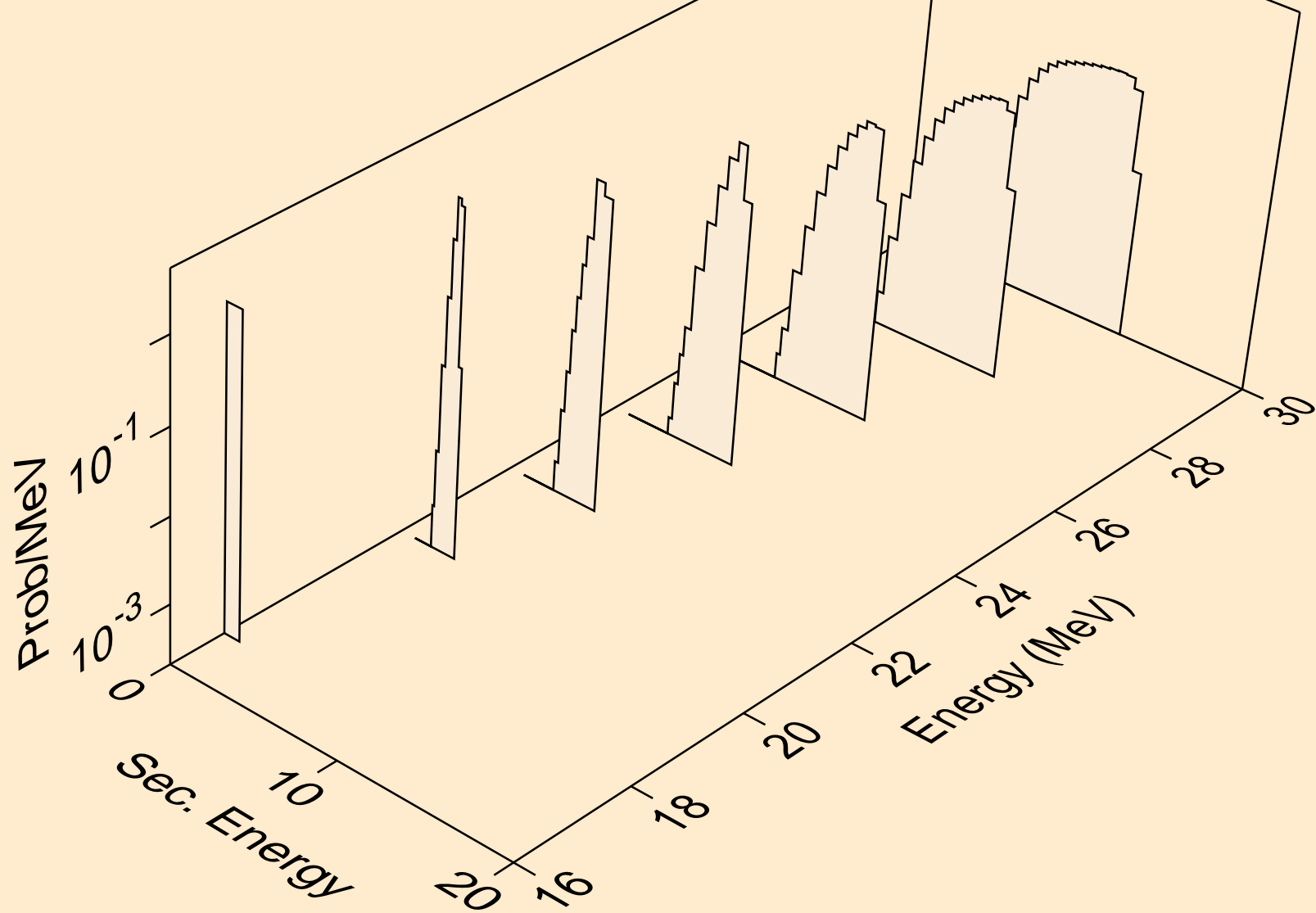




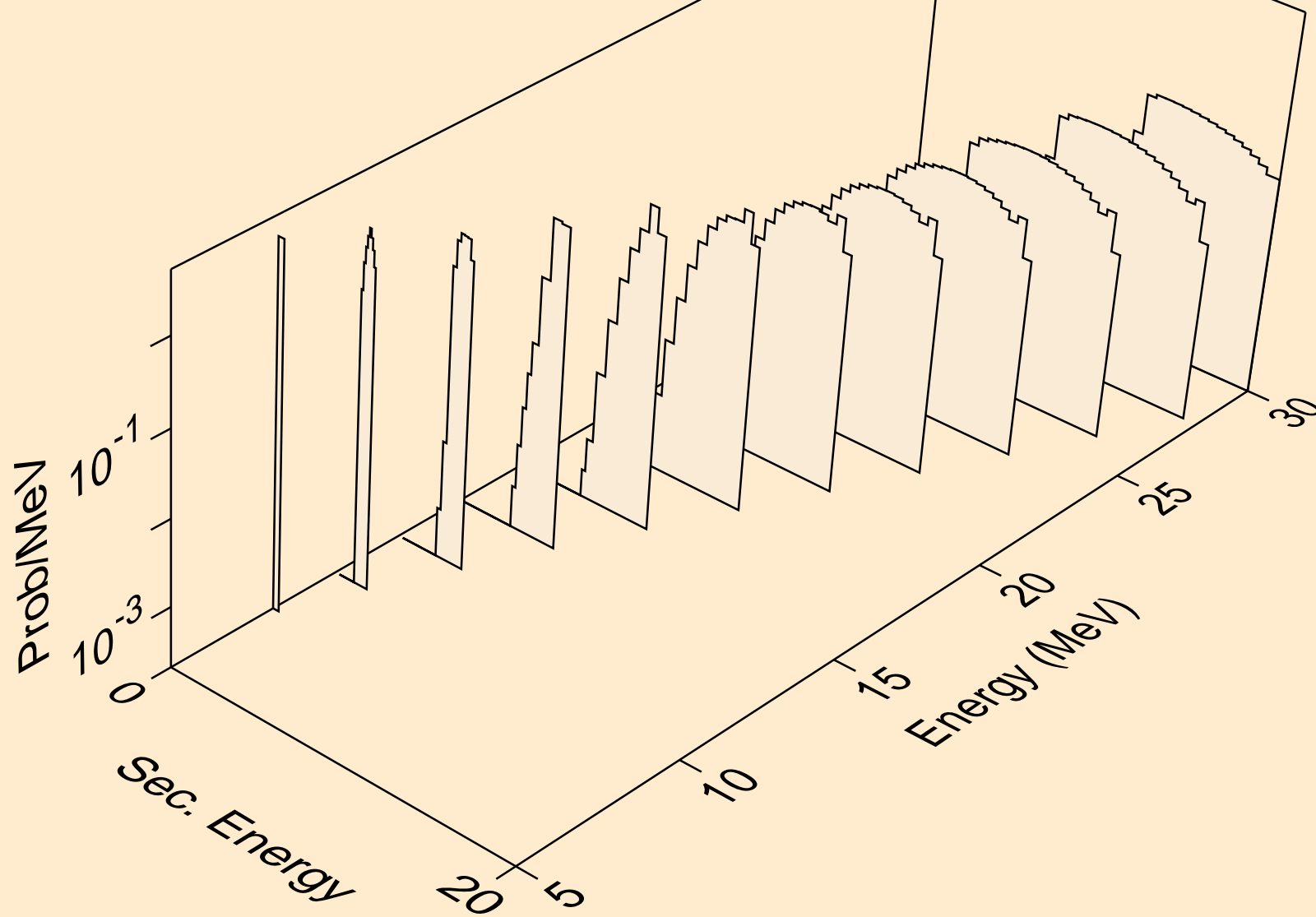
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



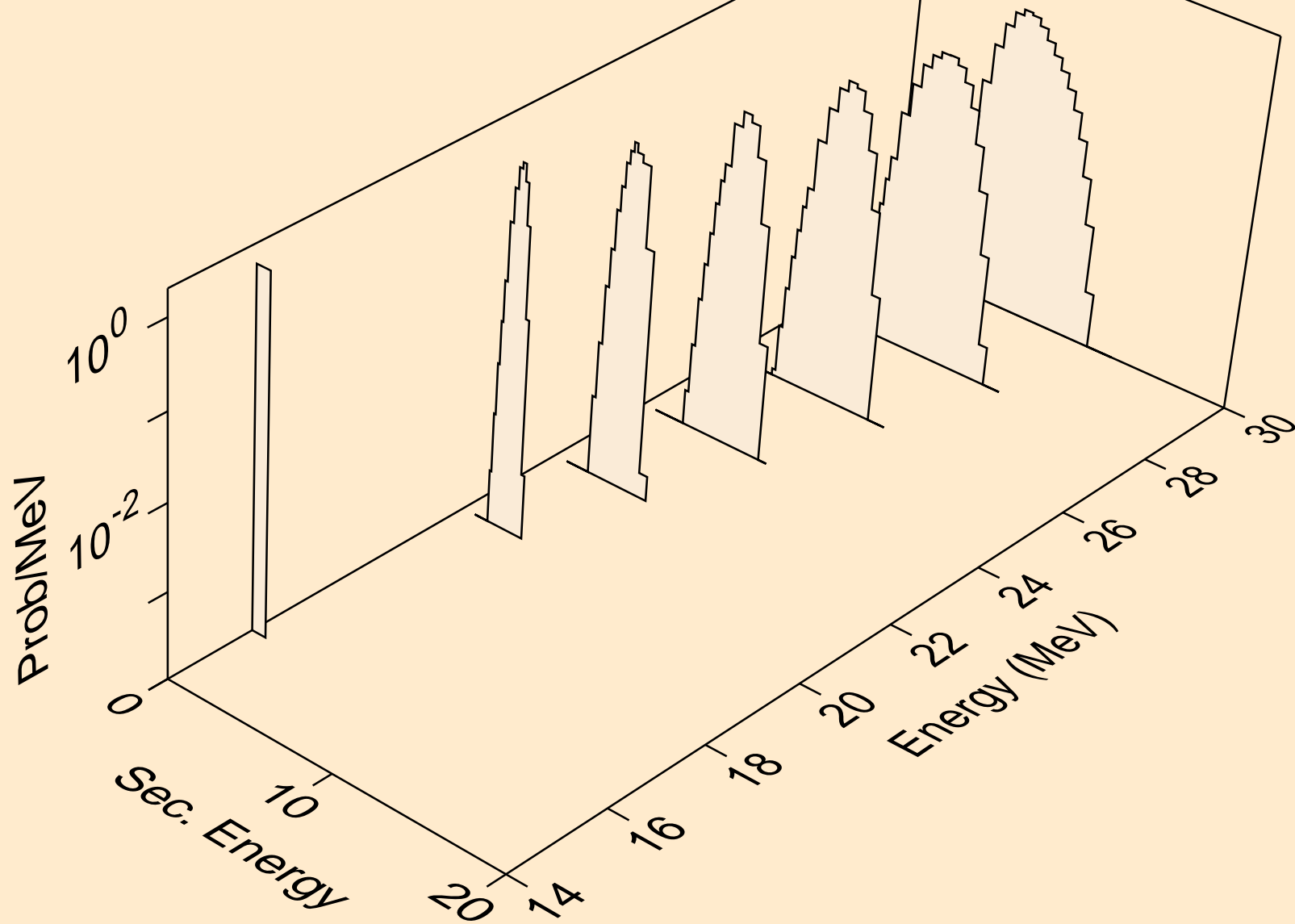
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



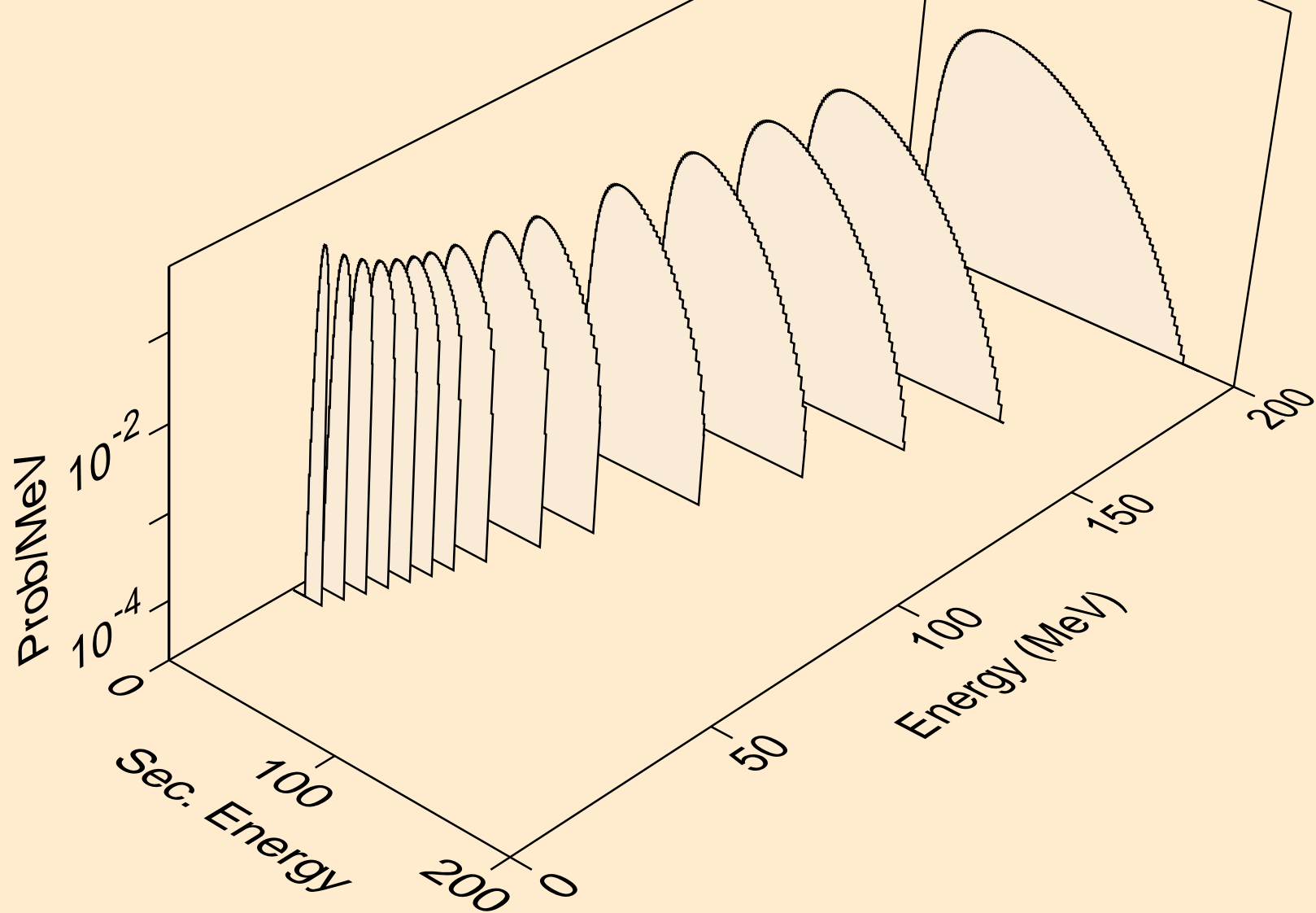
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tritons from (n,t)



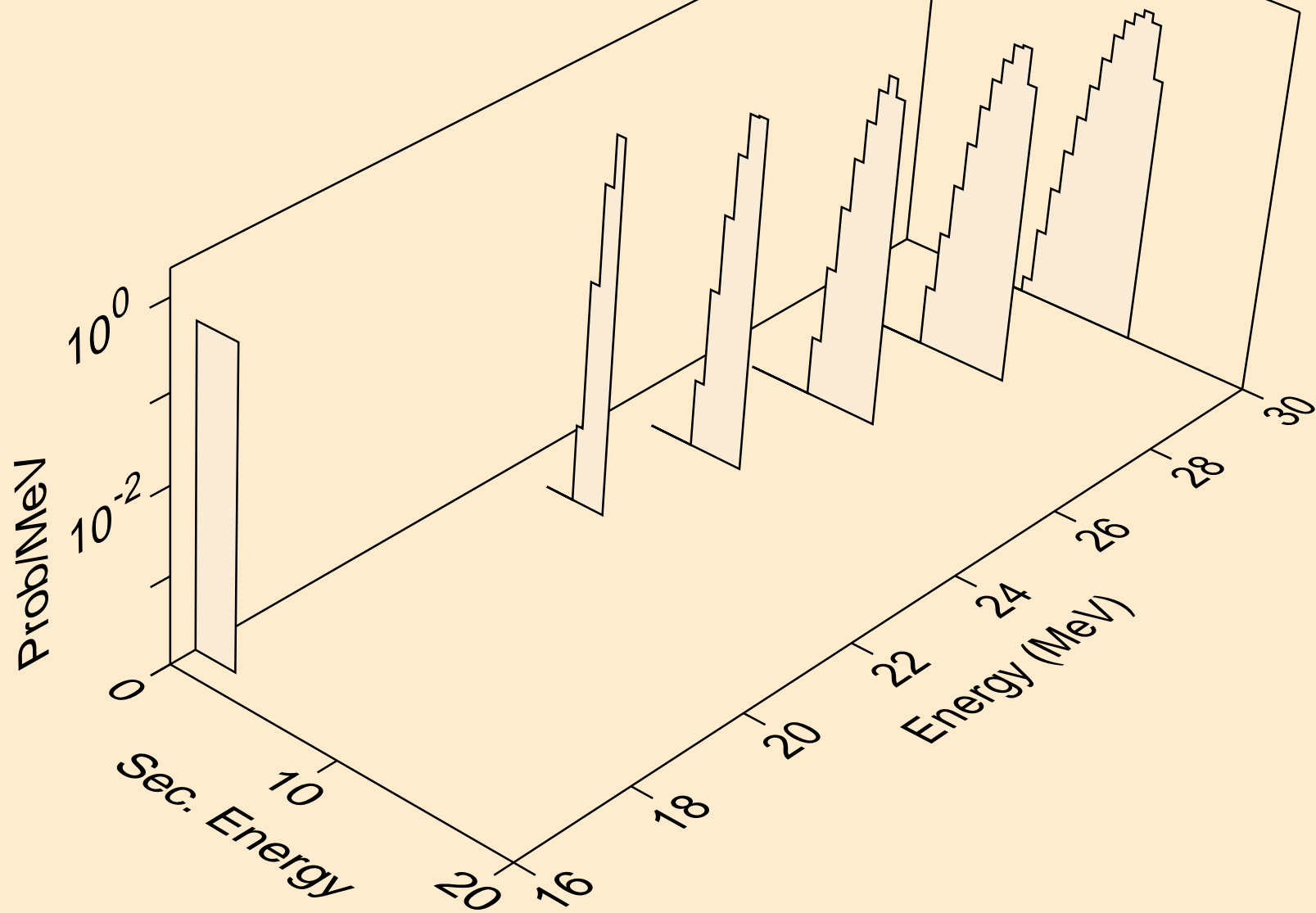
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tritons from (n,pt)



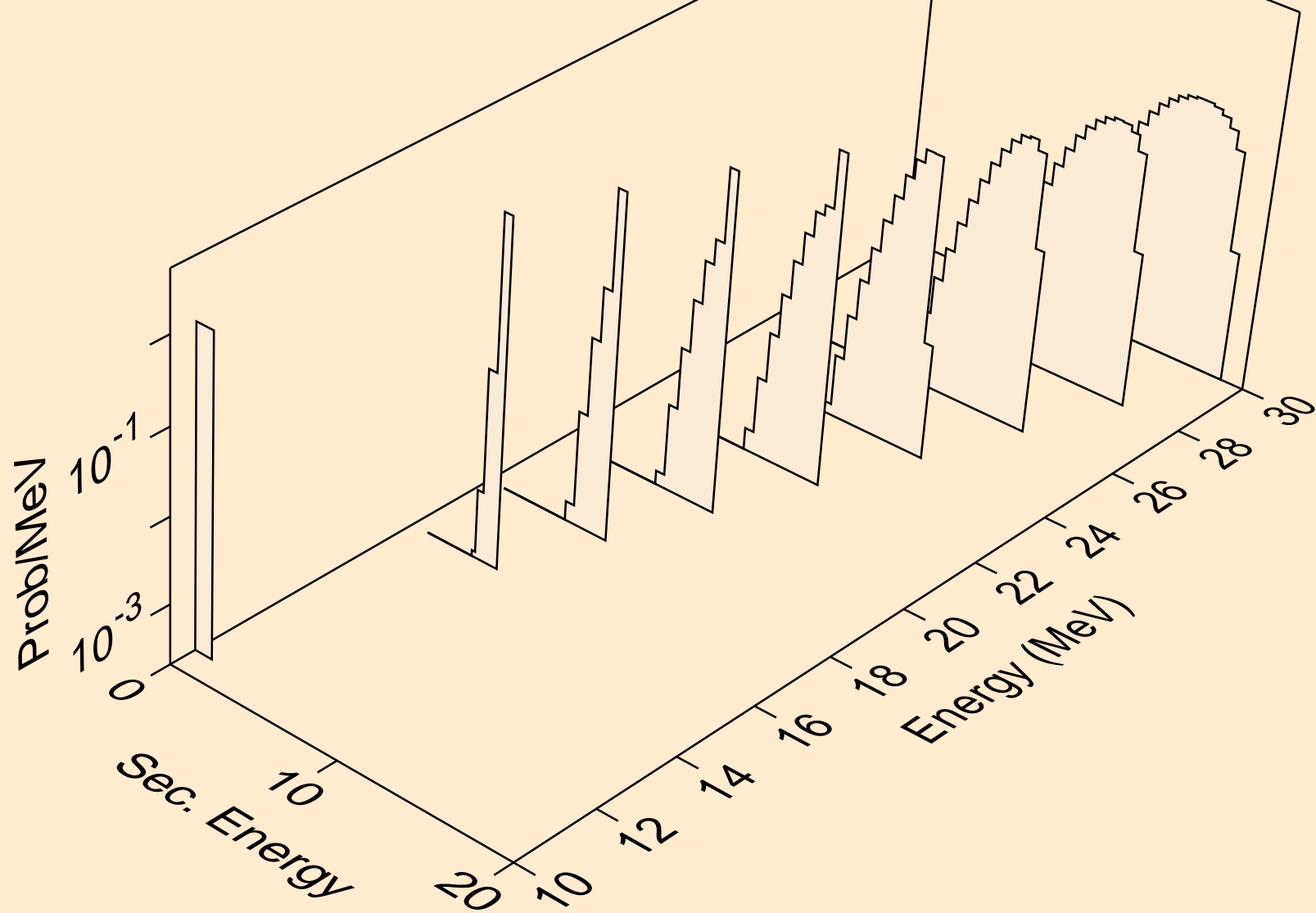
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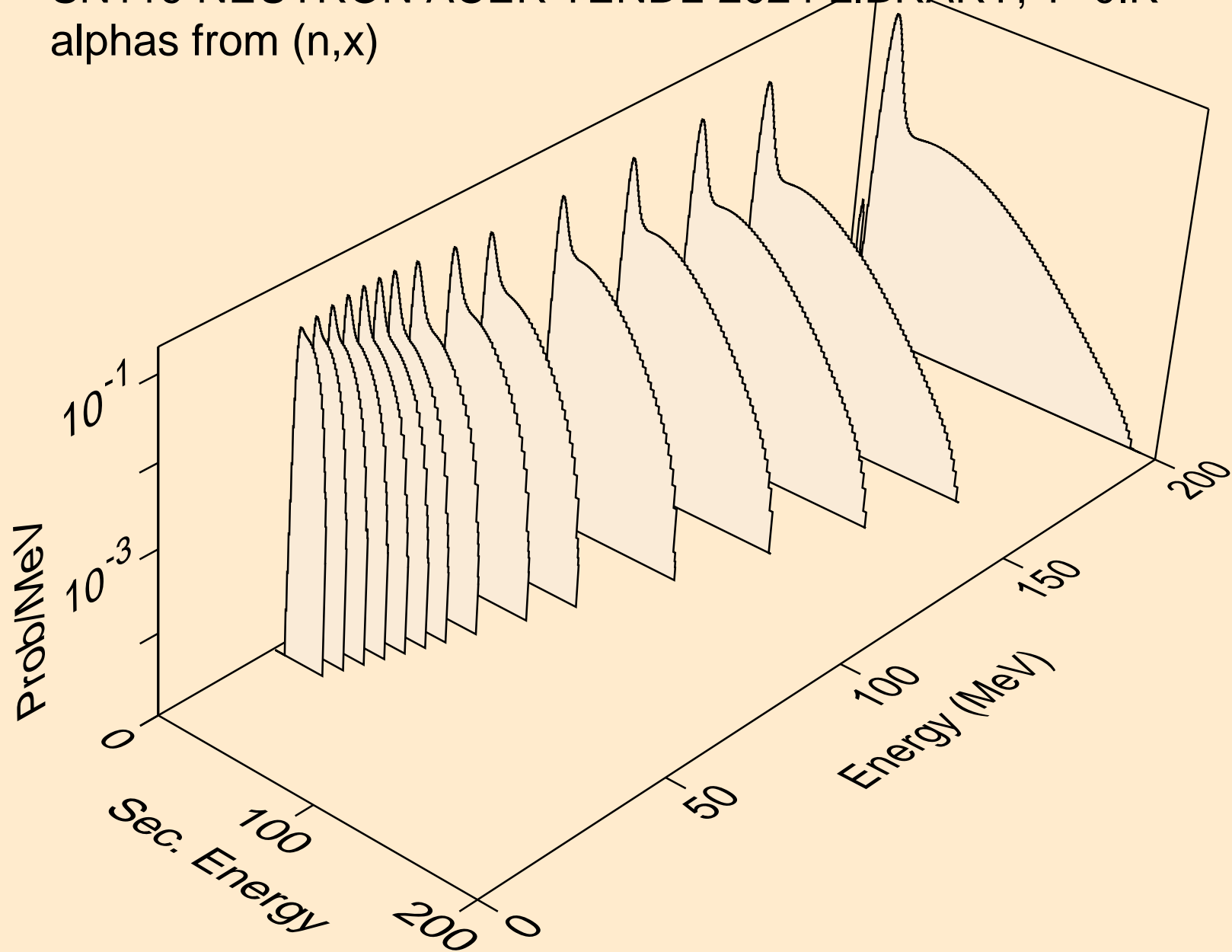
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)

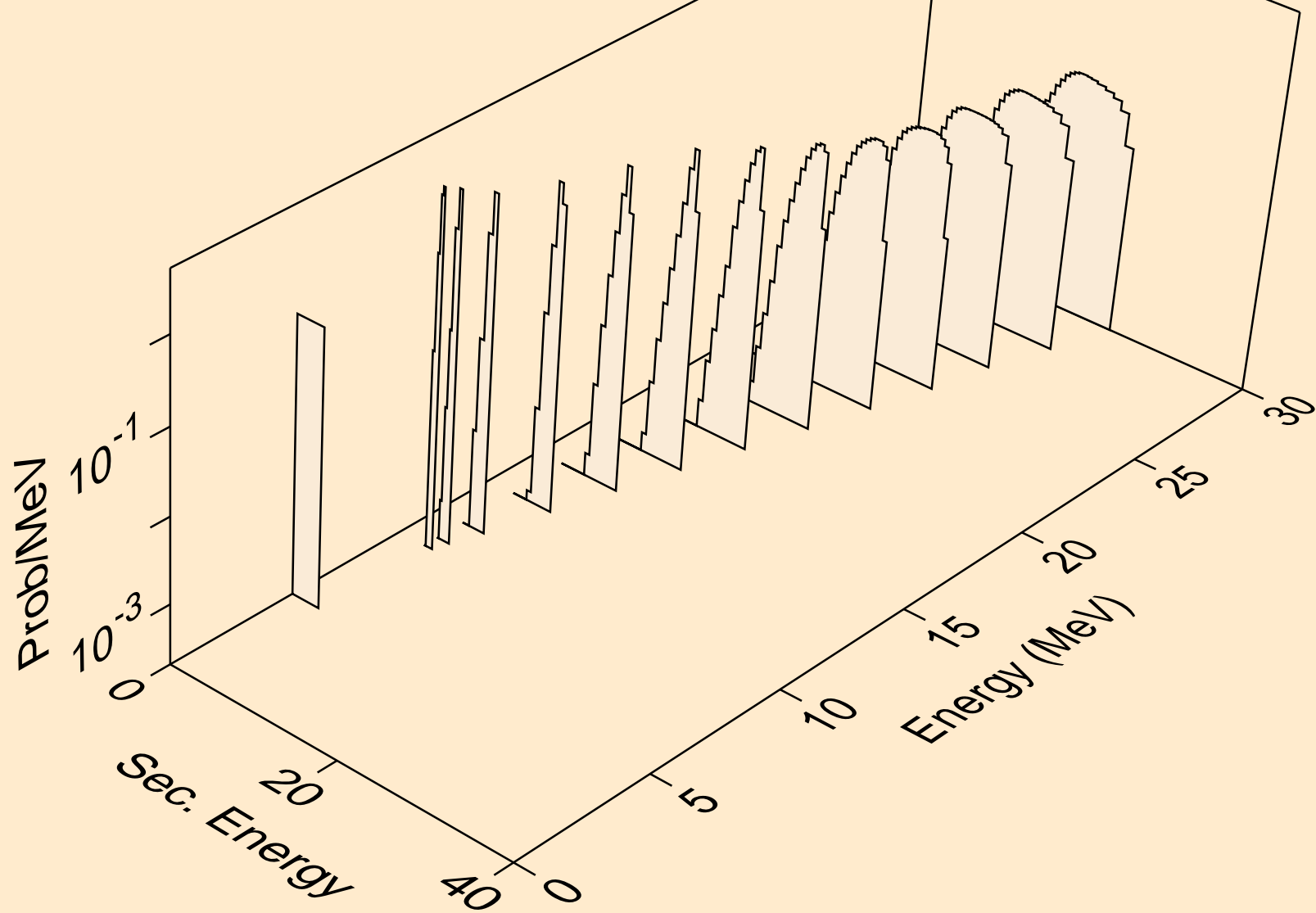


SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

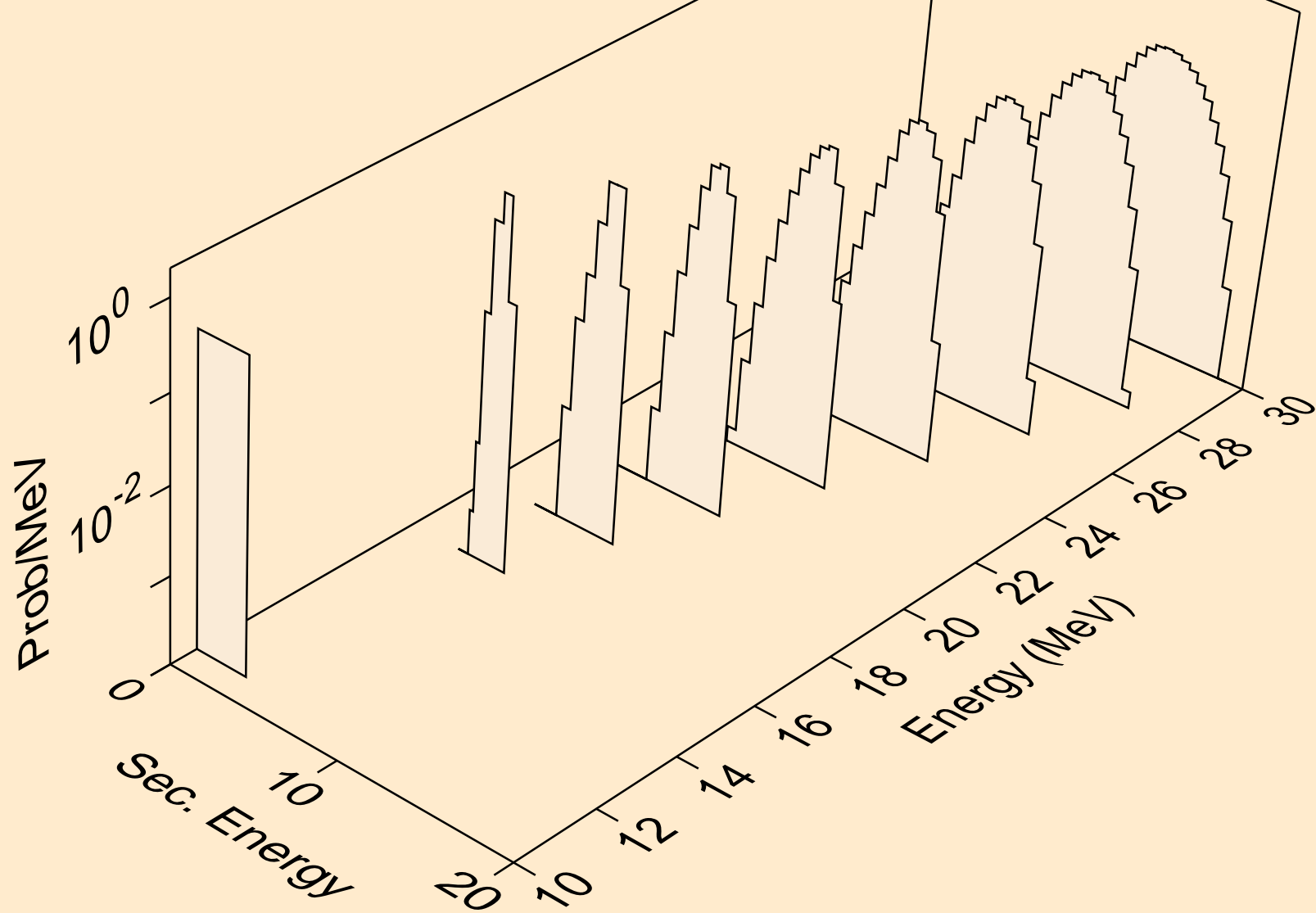




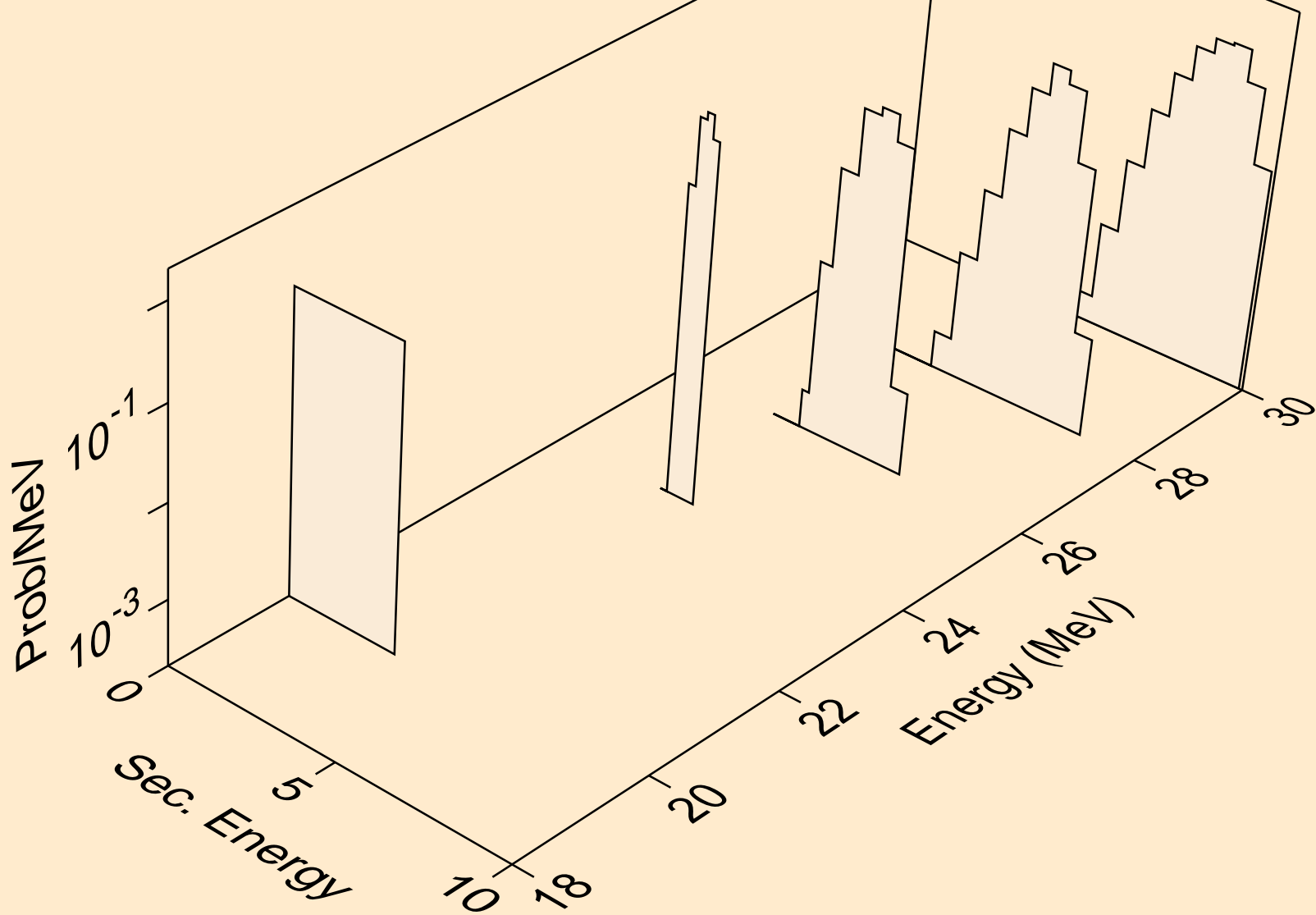
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



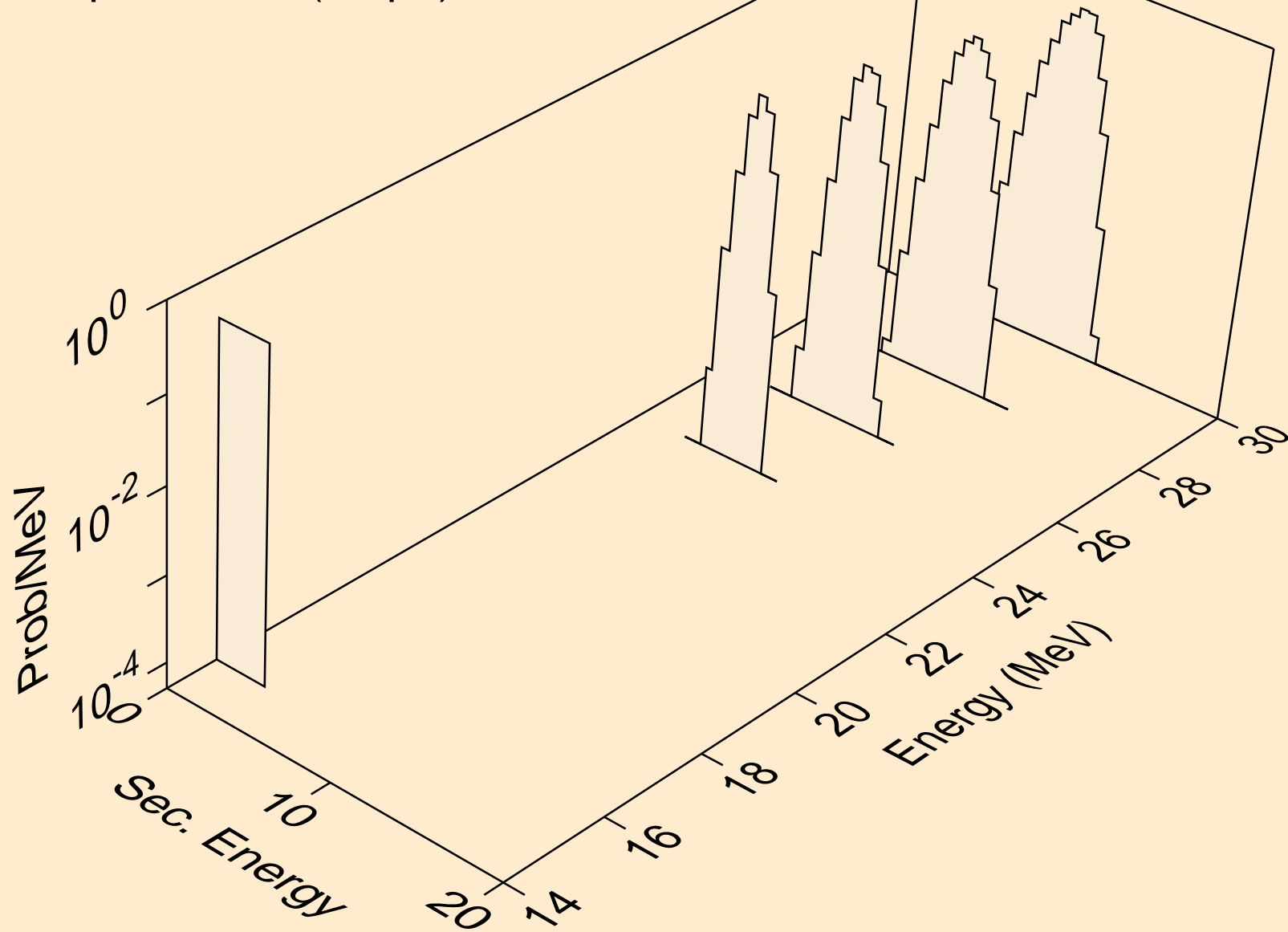
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



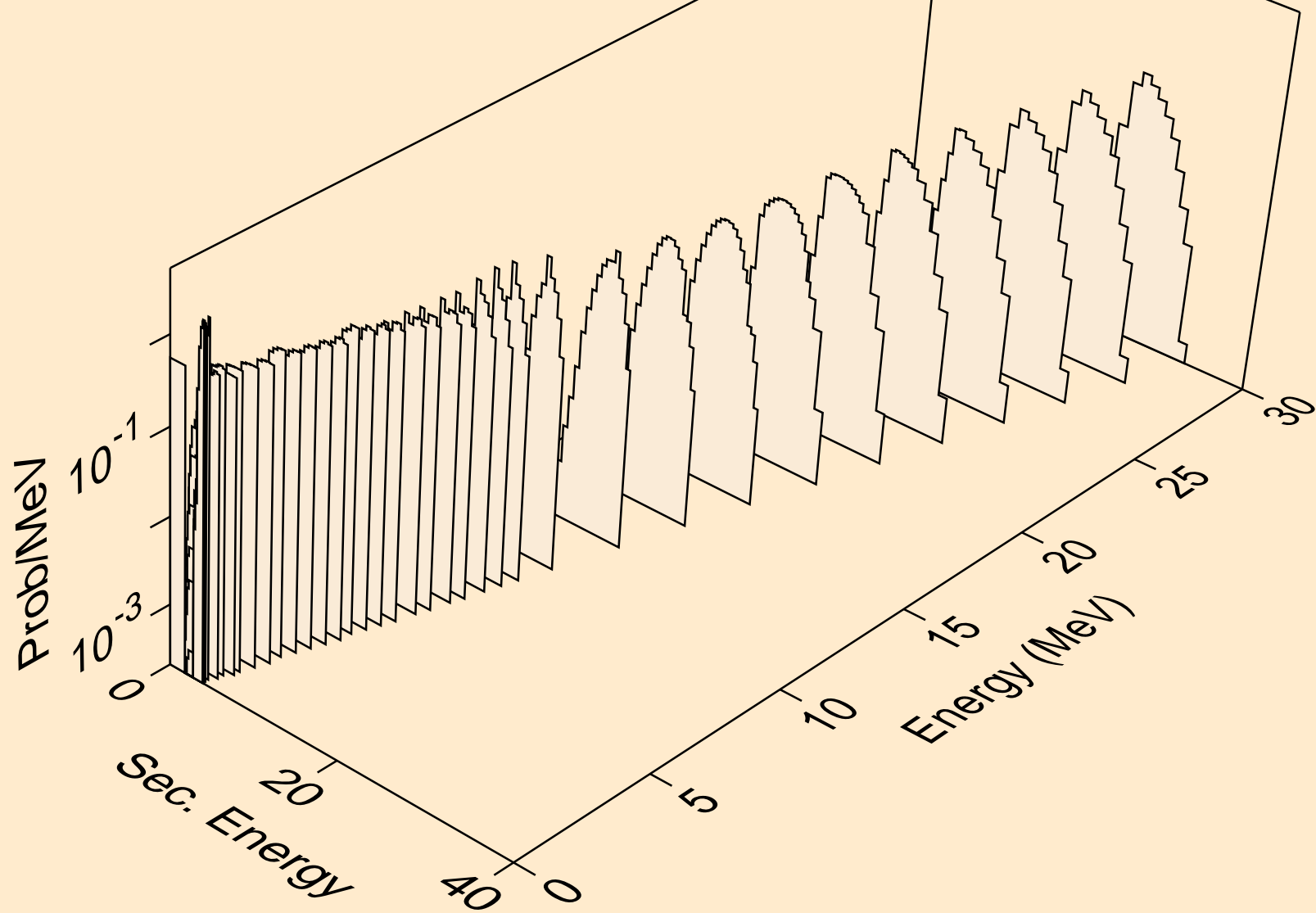
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



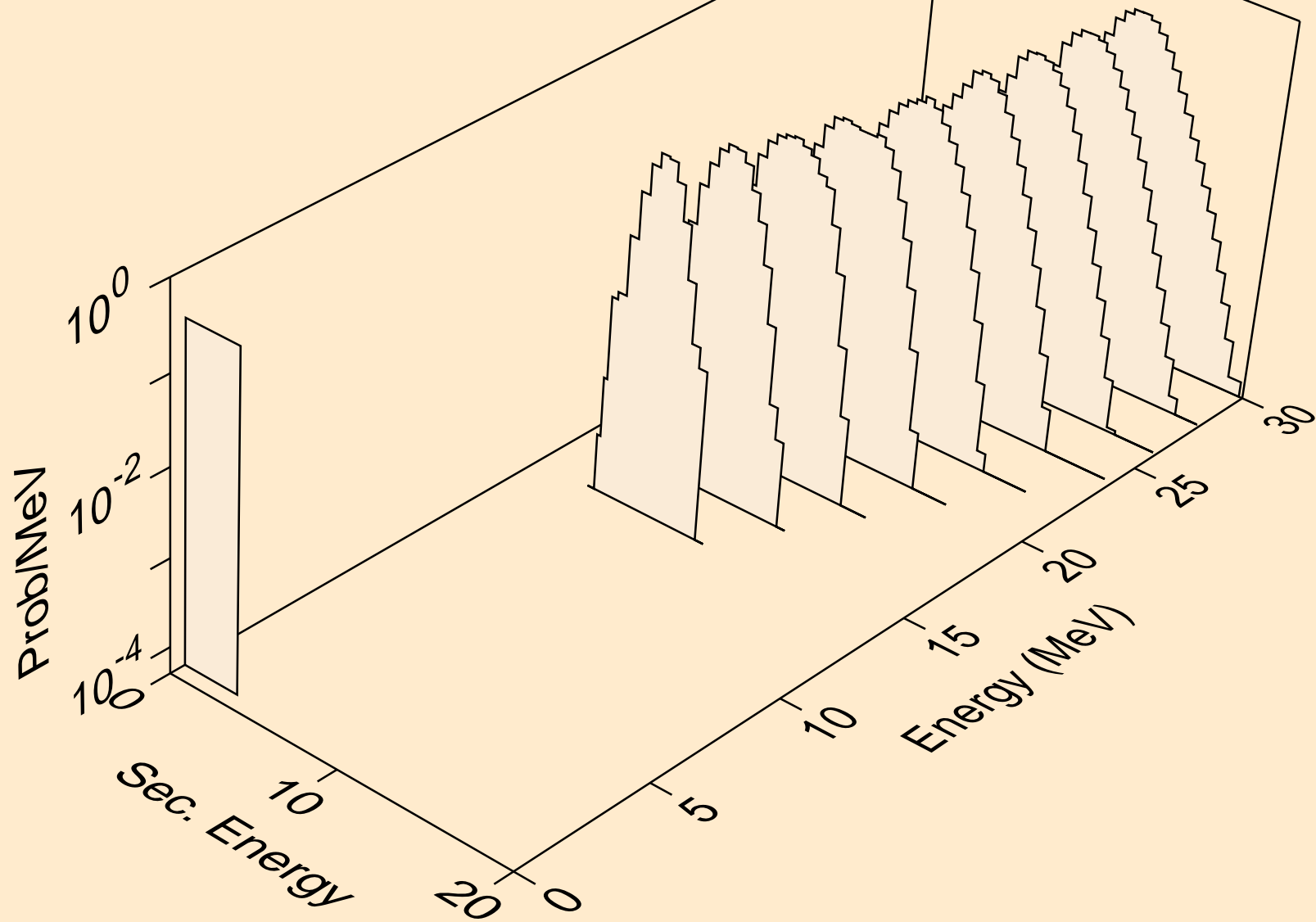
SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



SN119 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)

