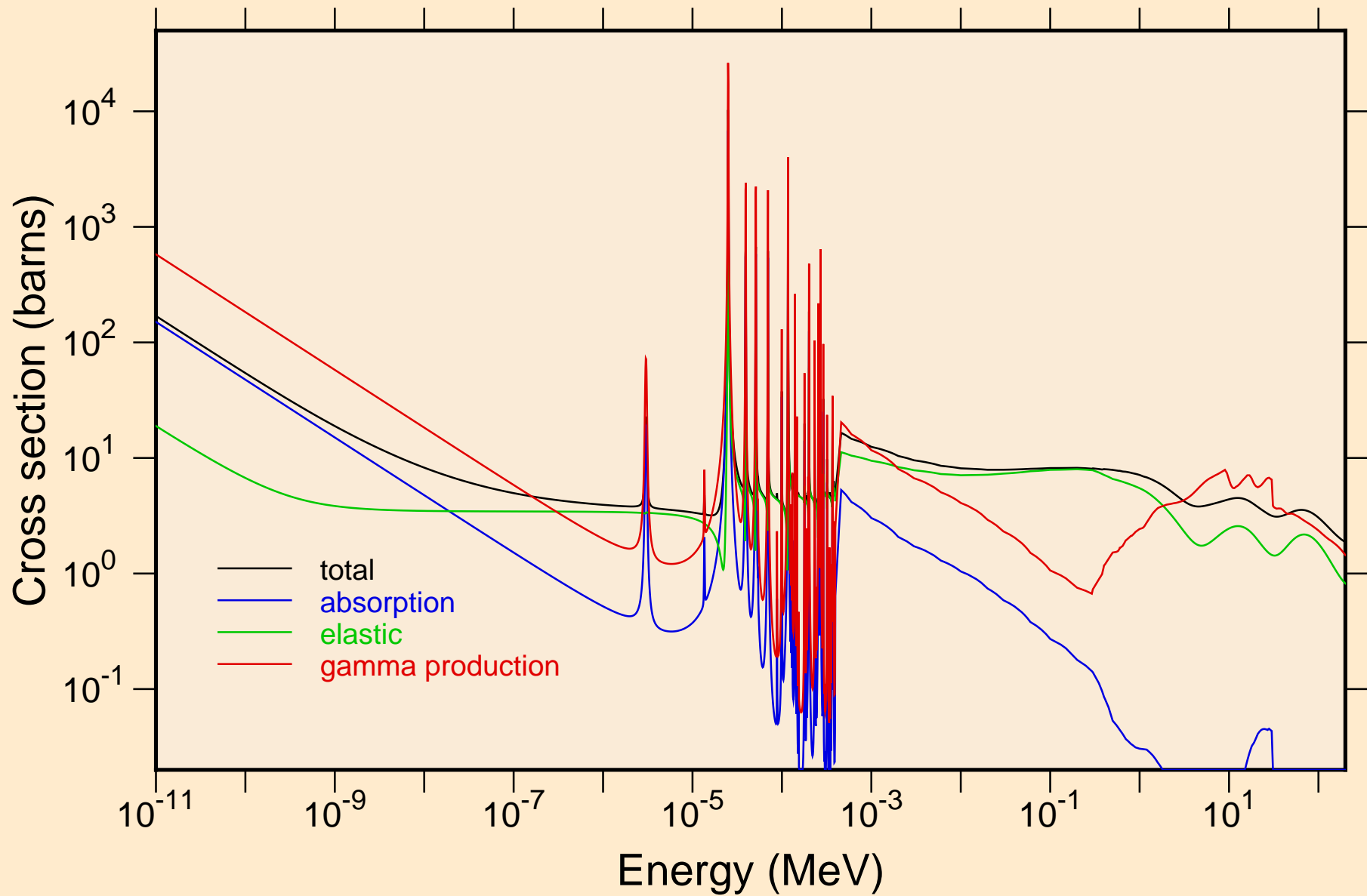
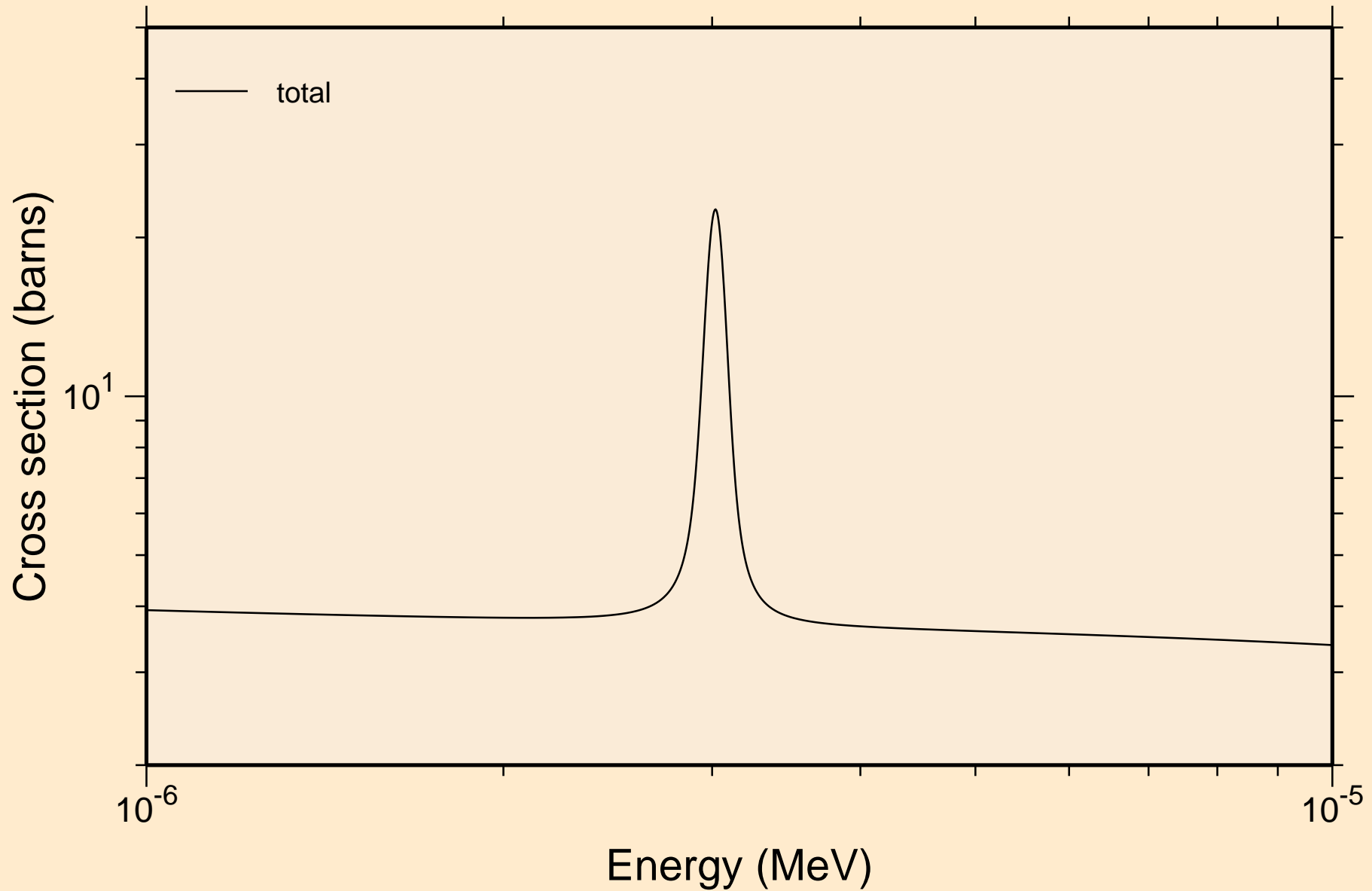


# AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

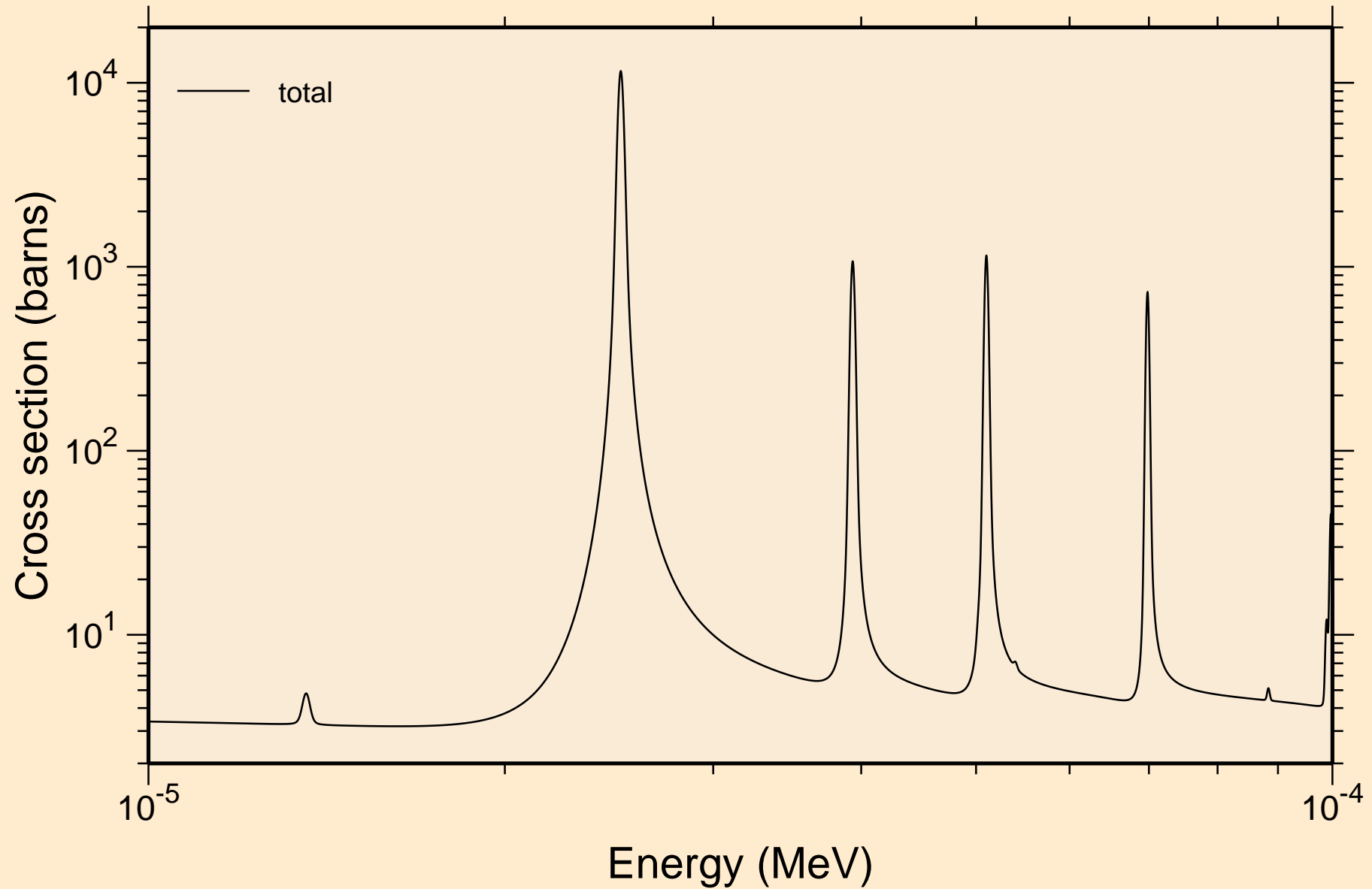
## Principal cross sections



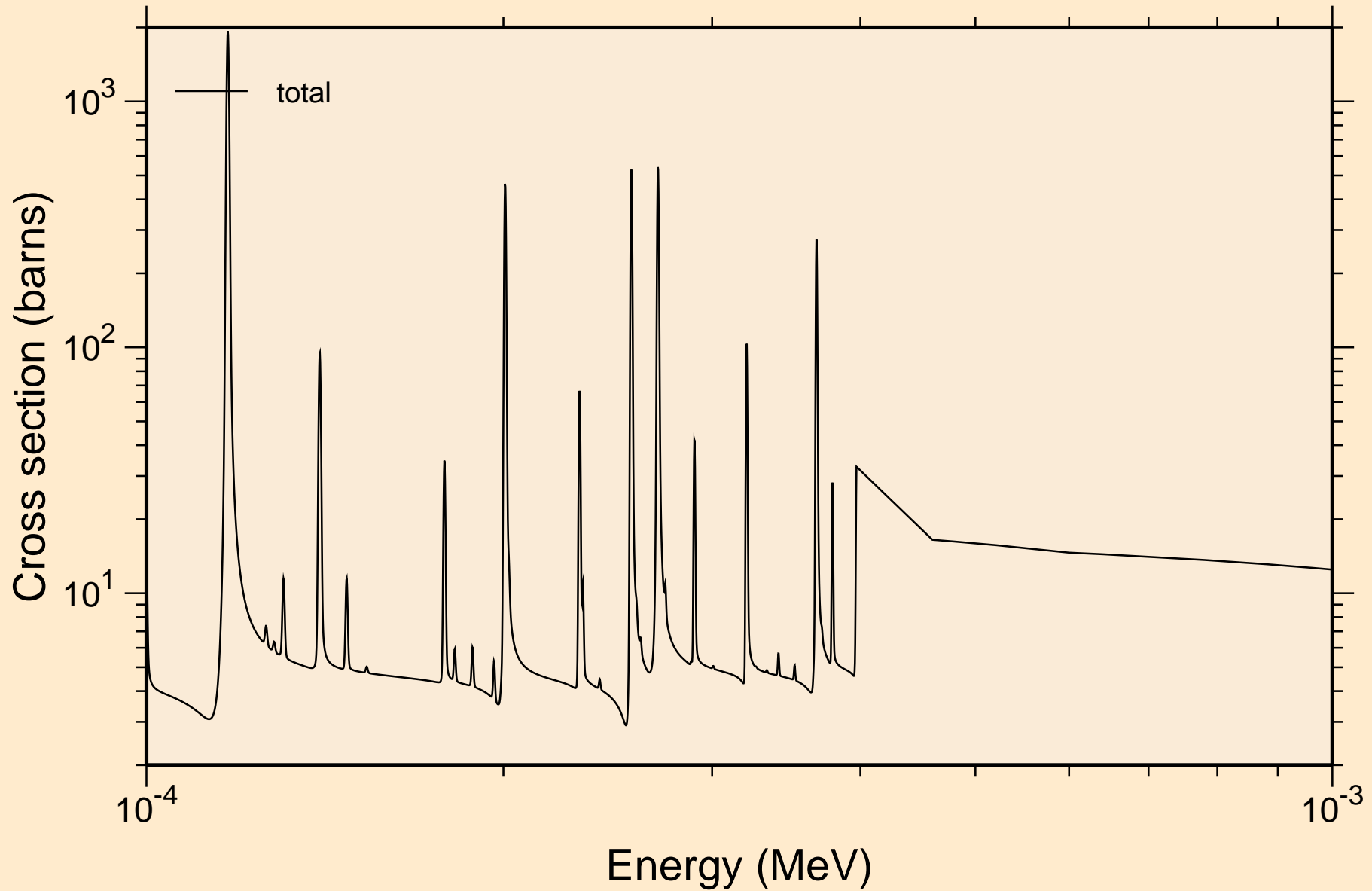
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



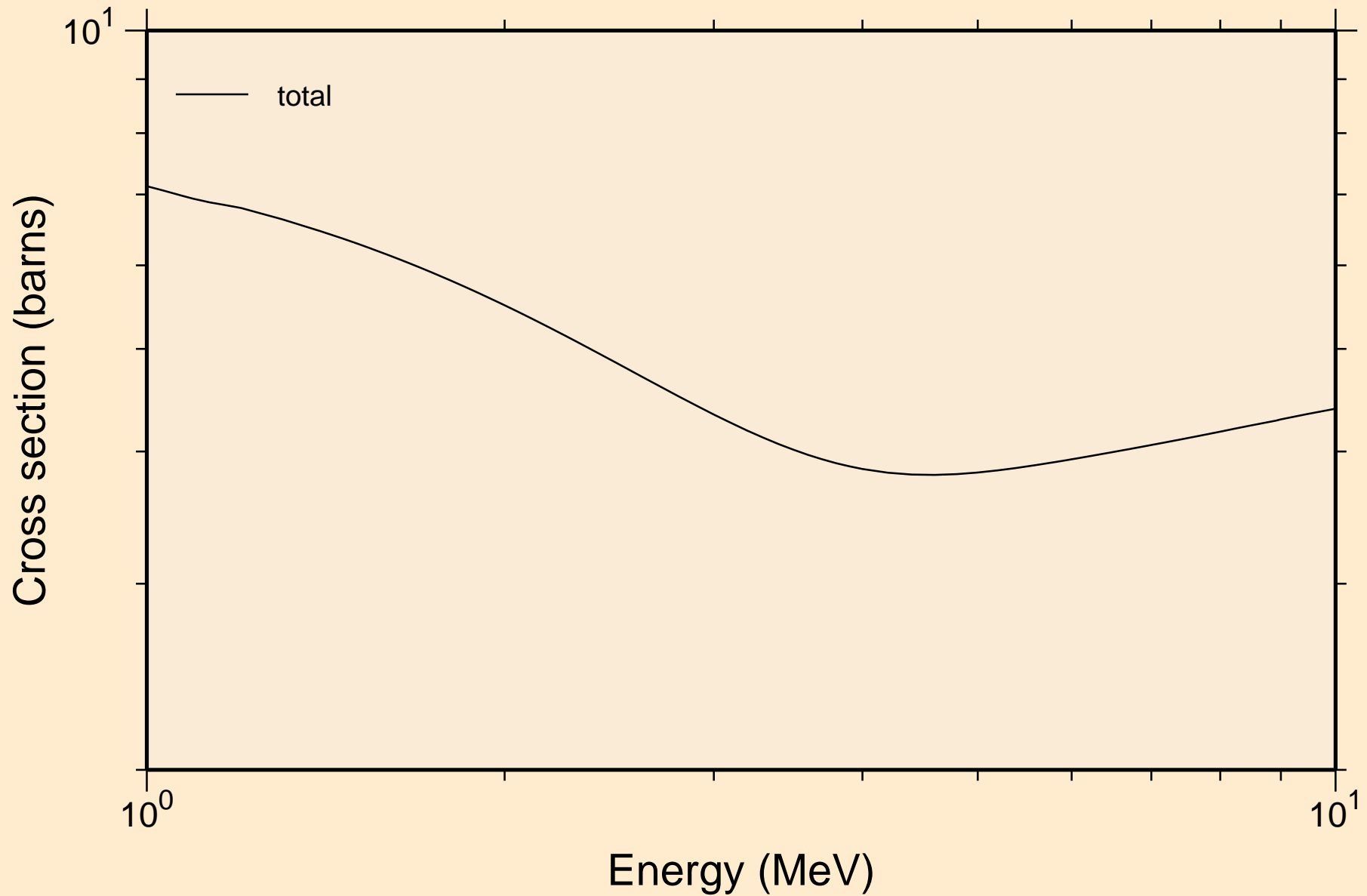
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



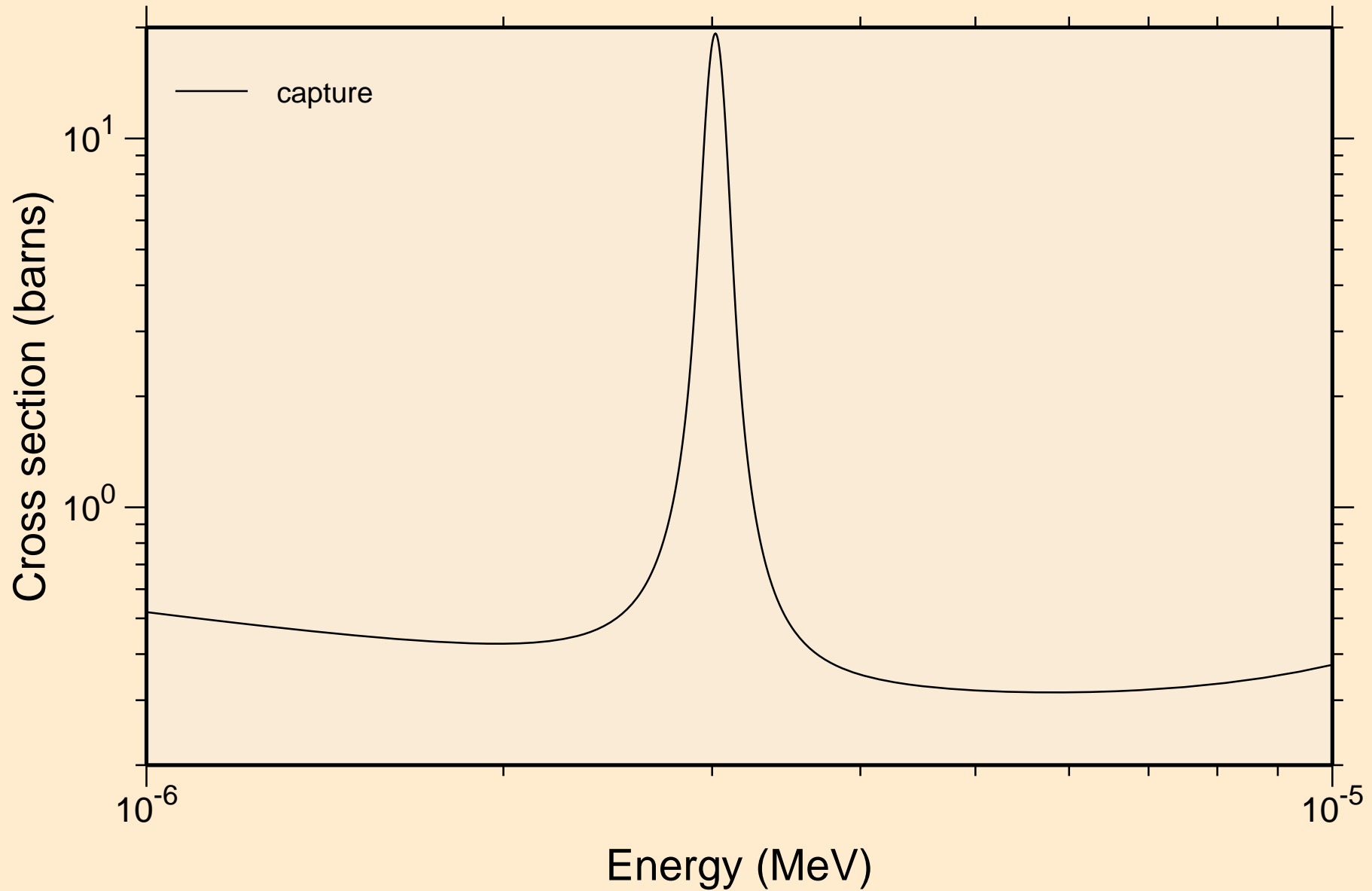
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



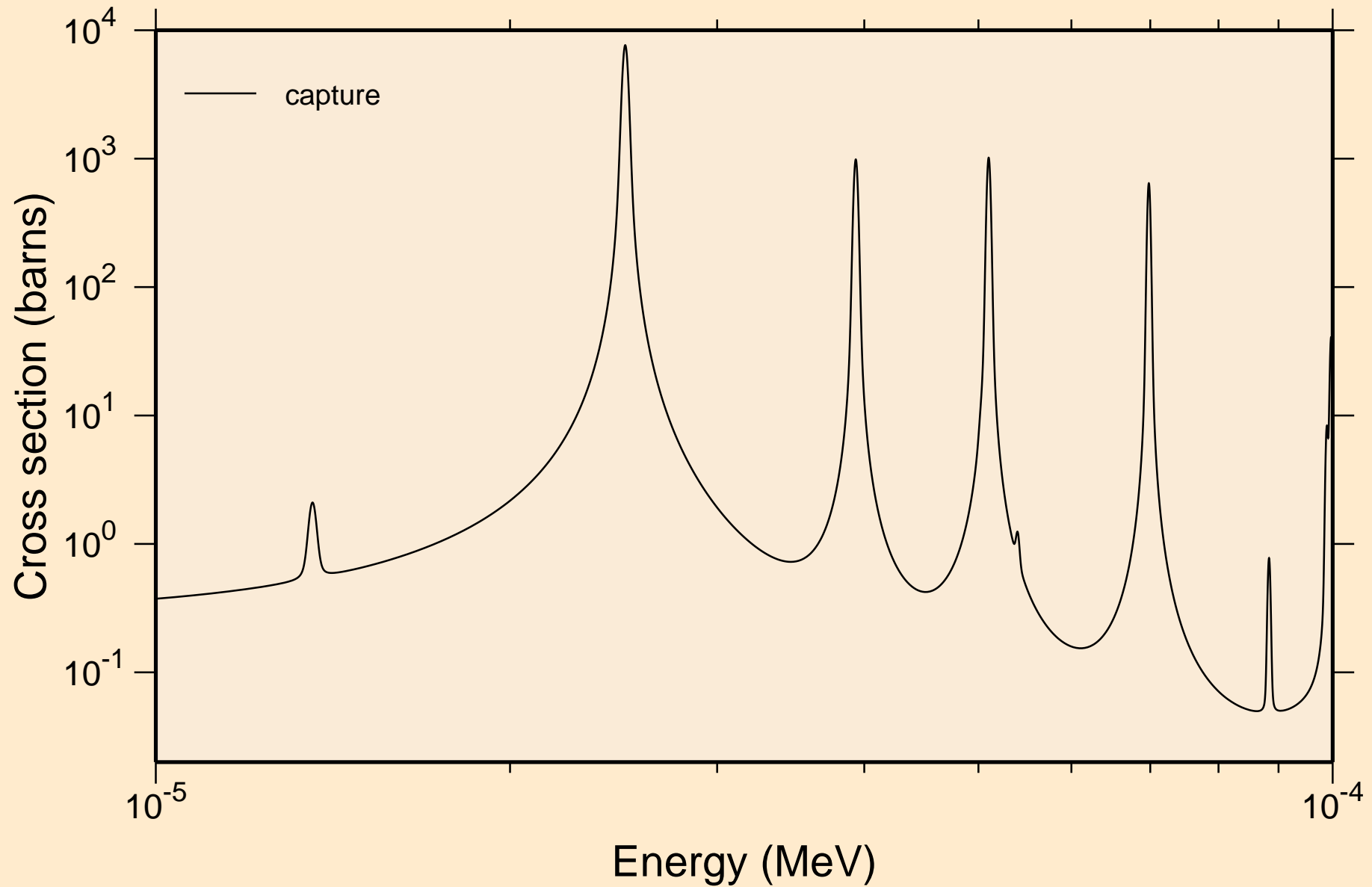
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



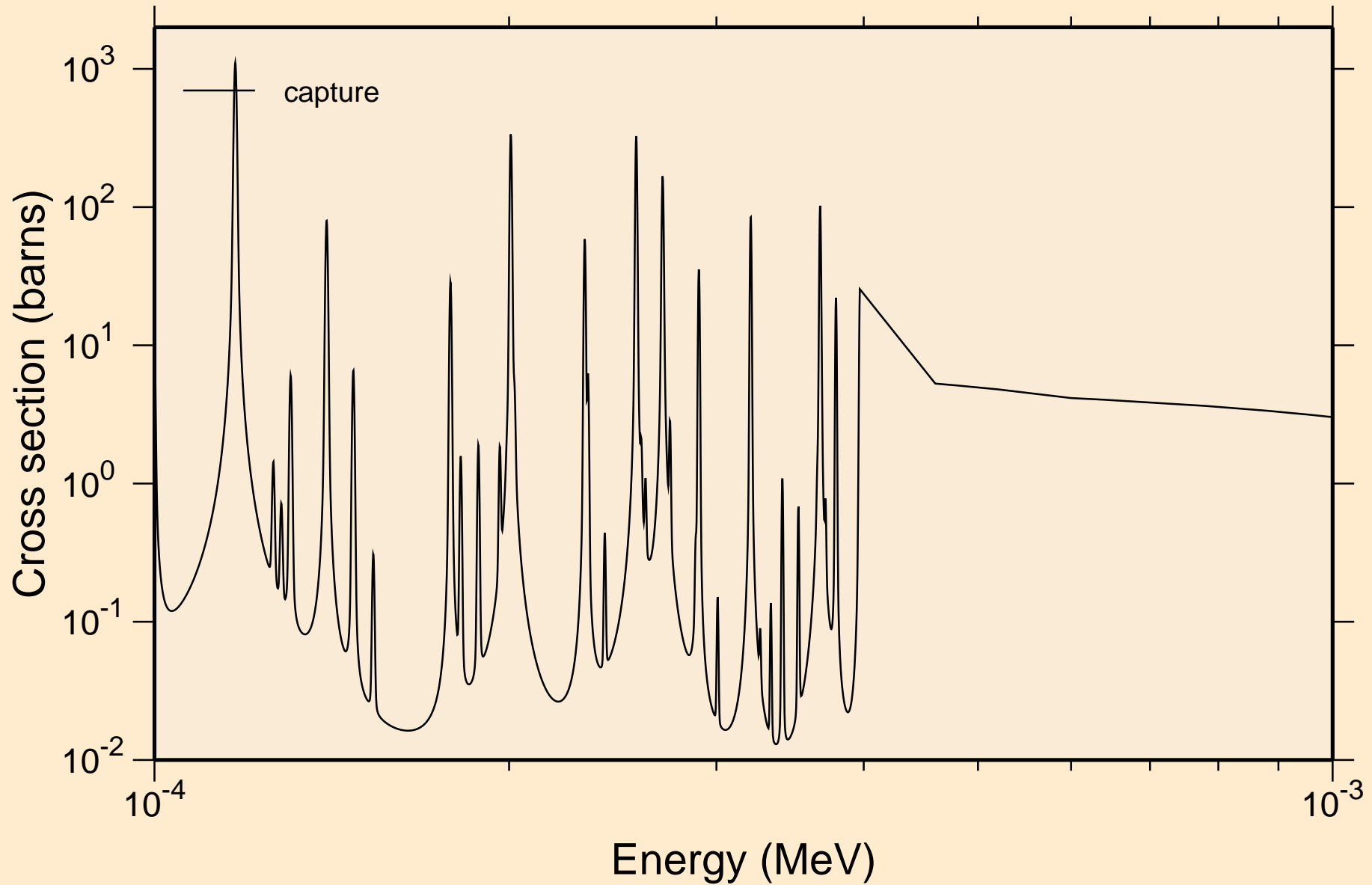
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



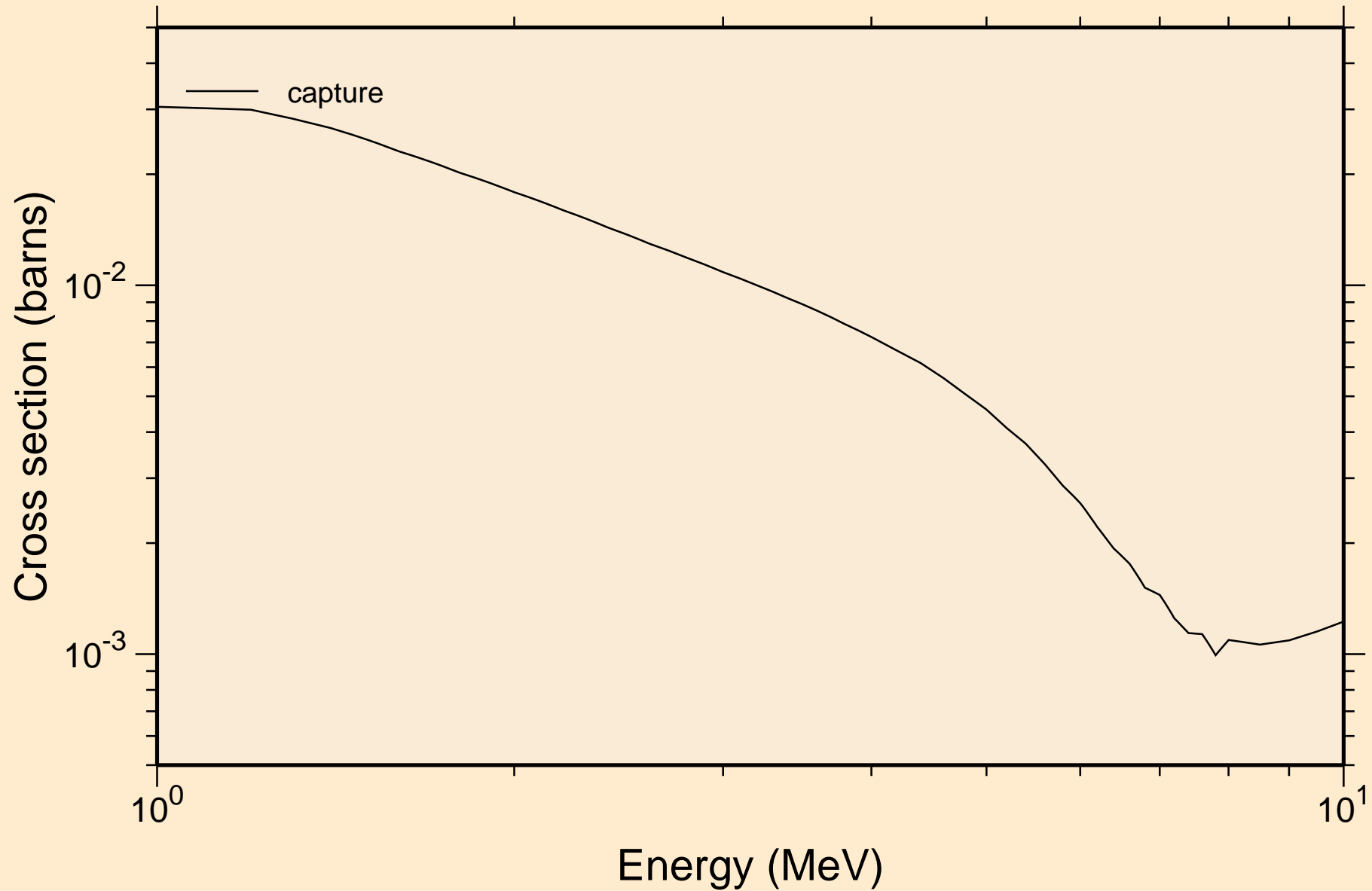
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



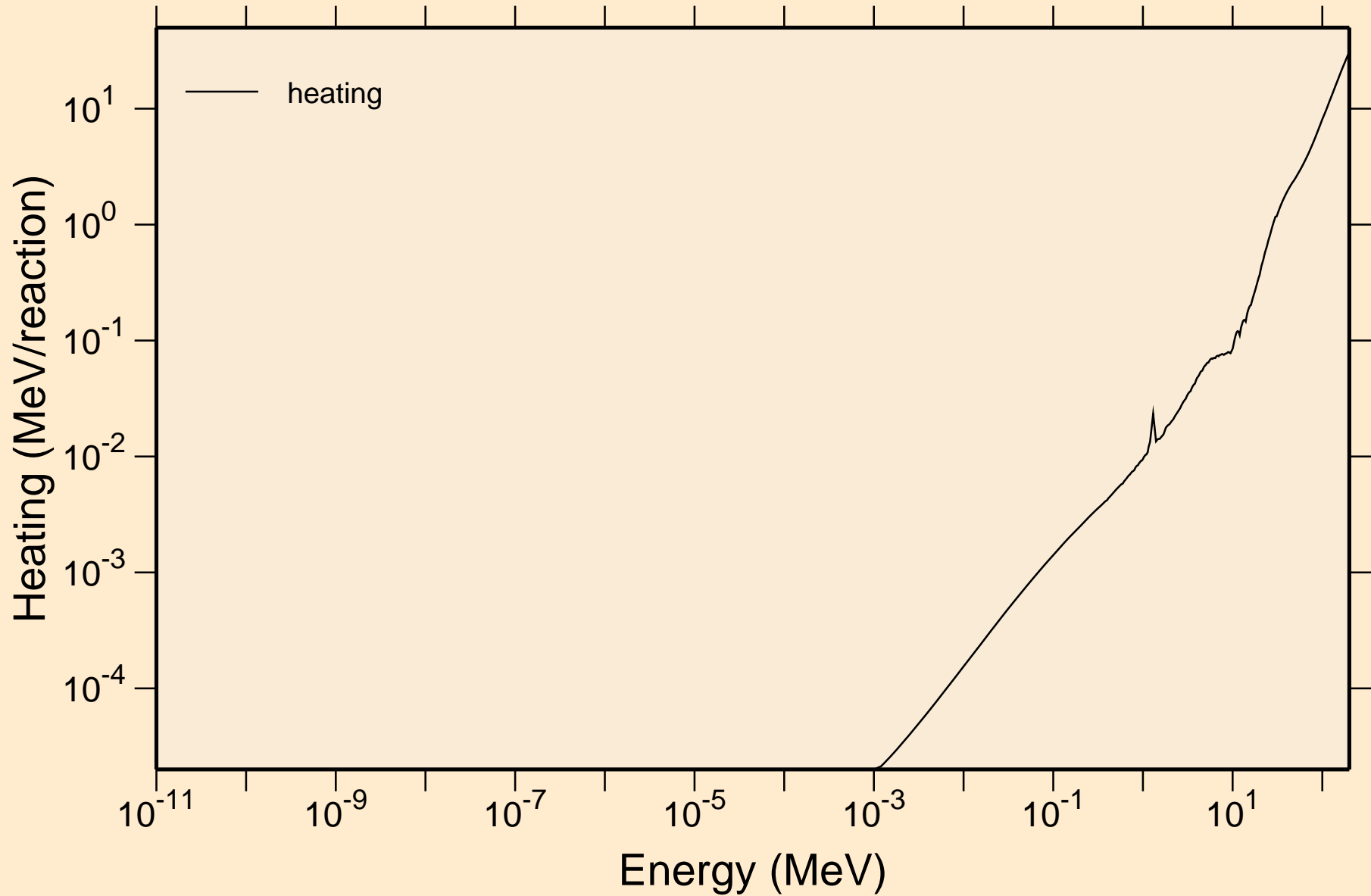
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections

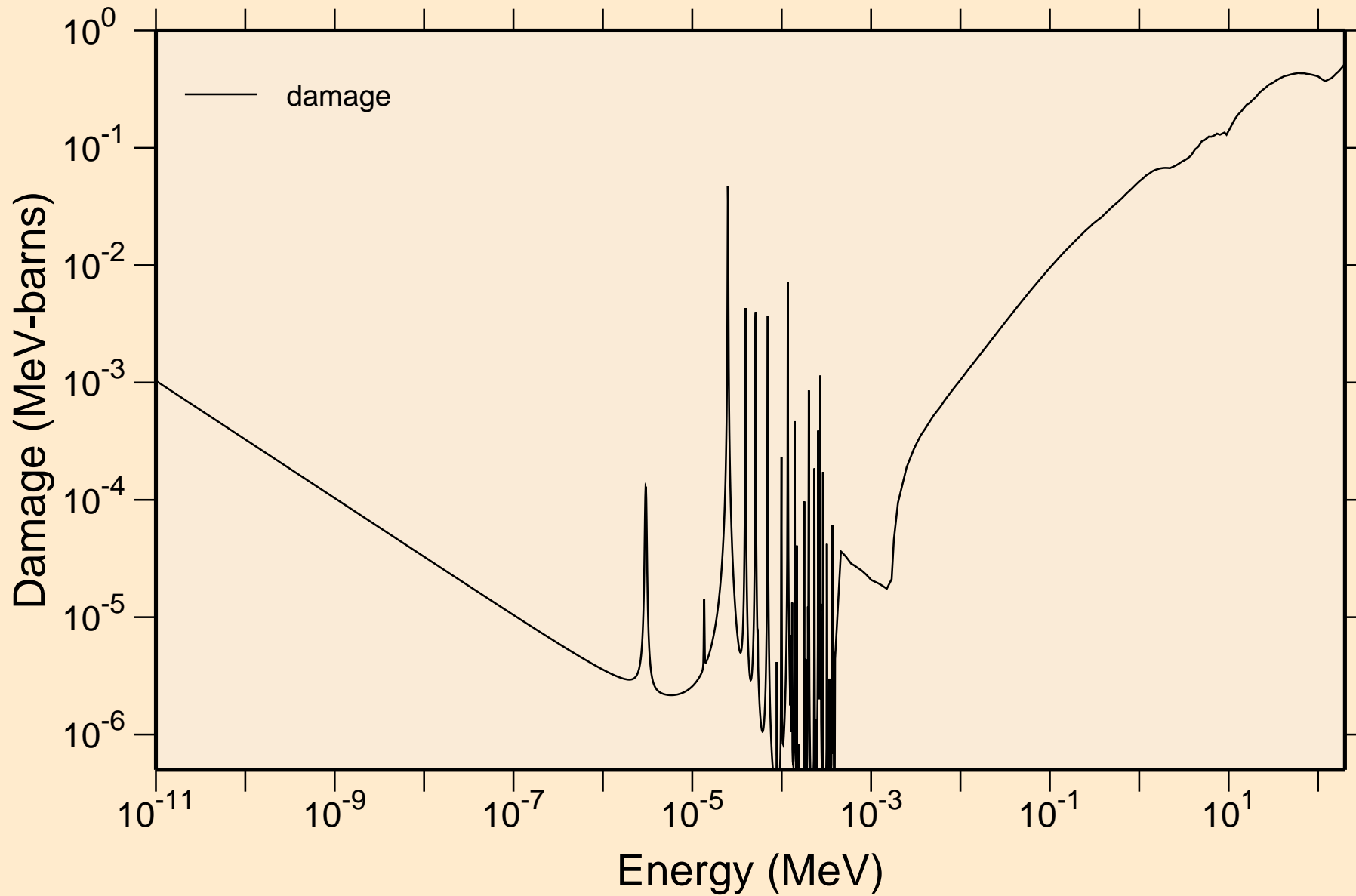


AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Heating

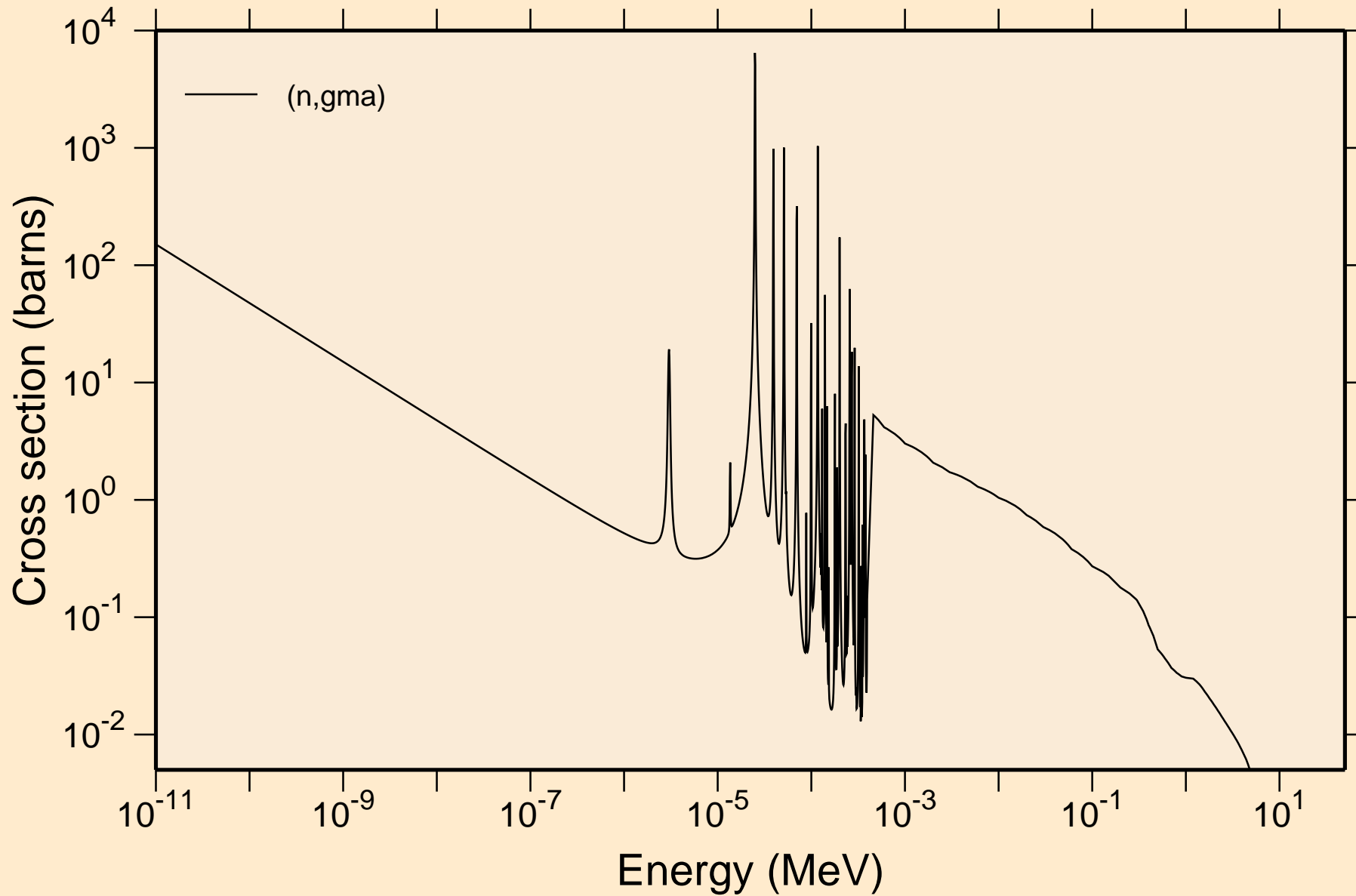


# AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Damage

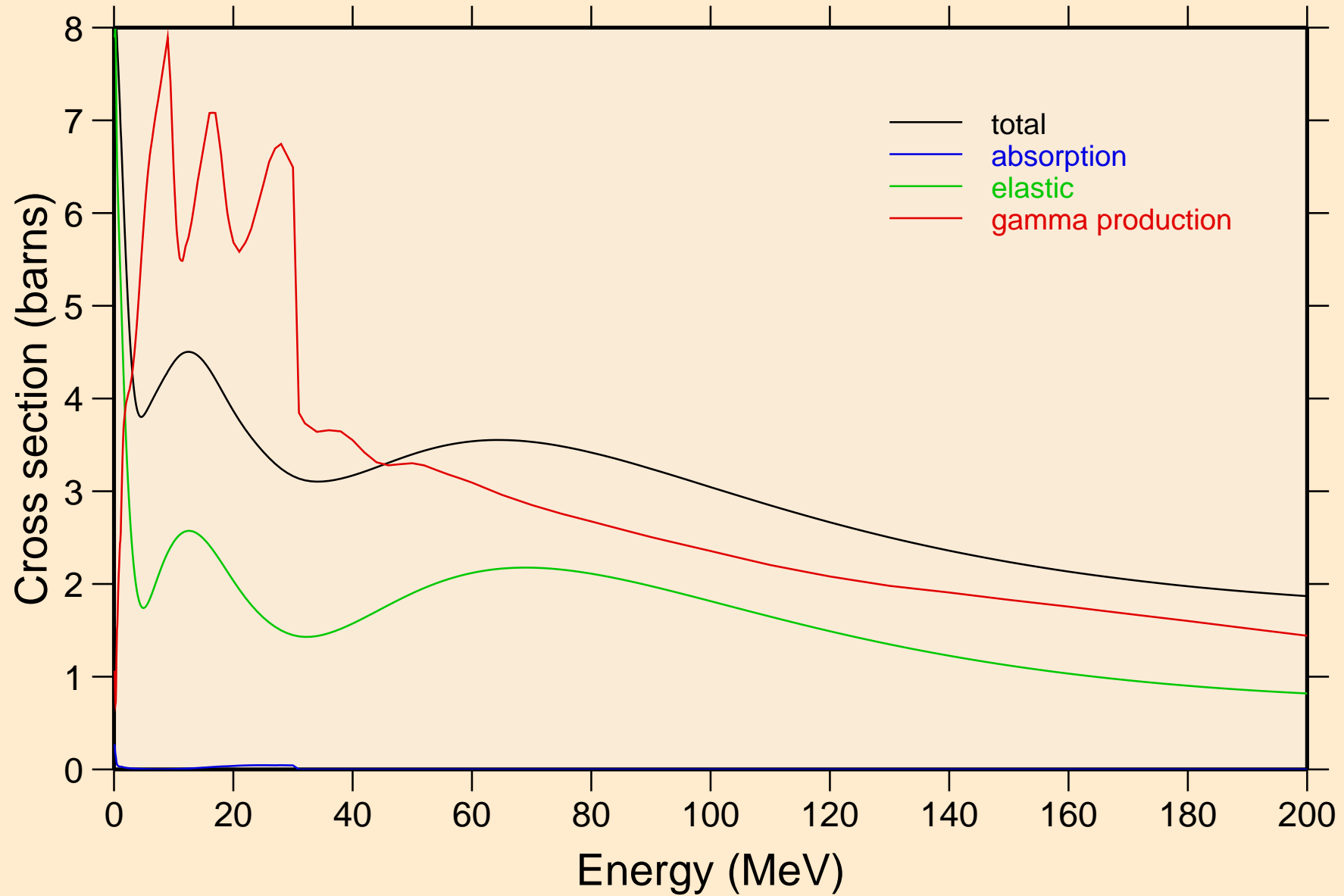


AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

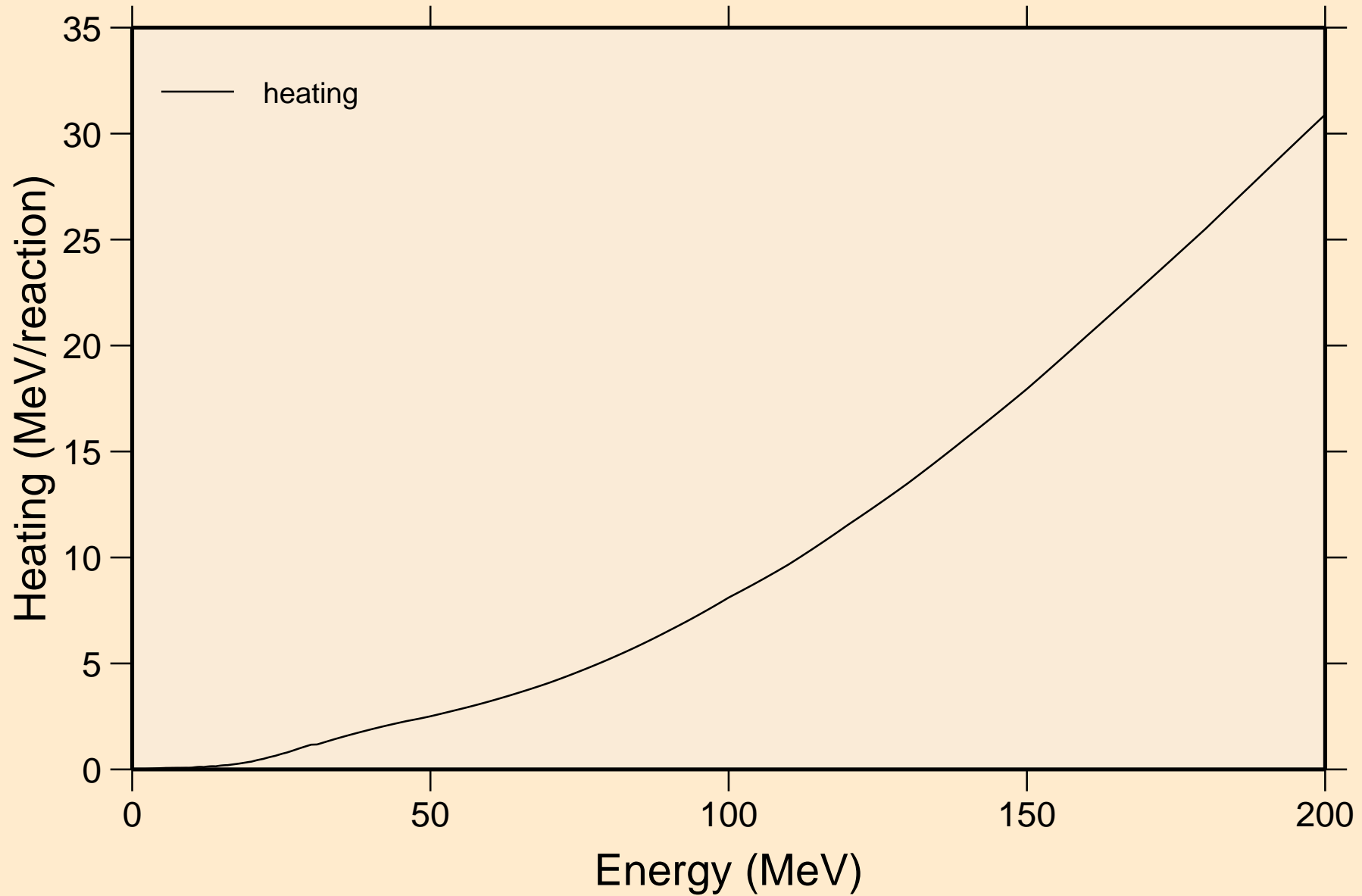


# AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

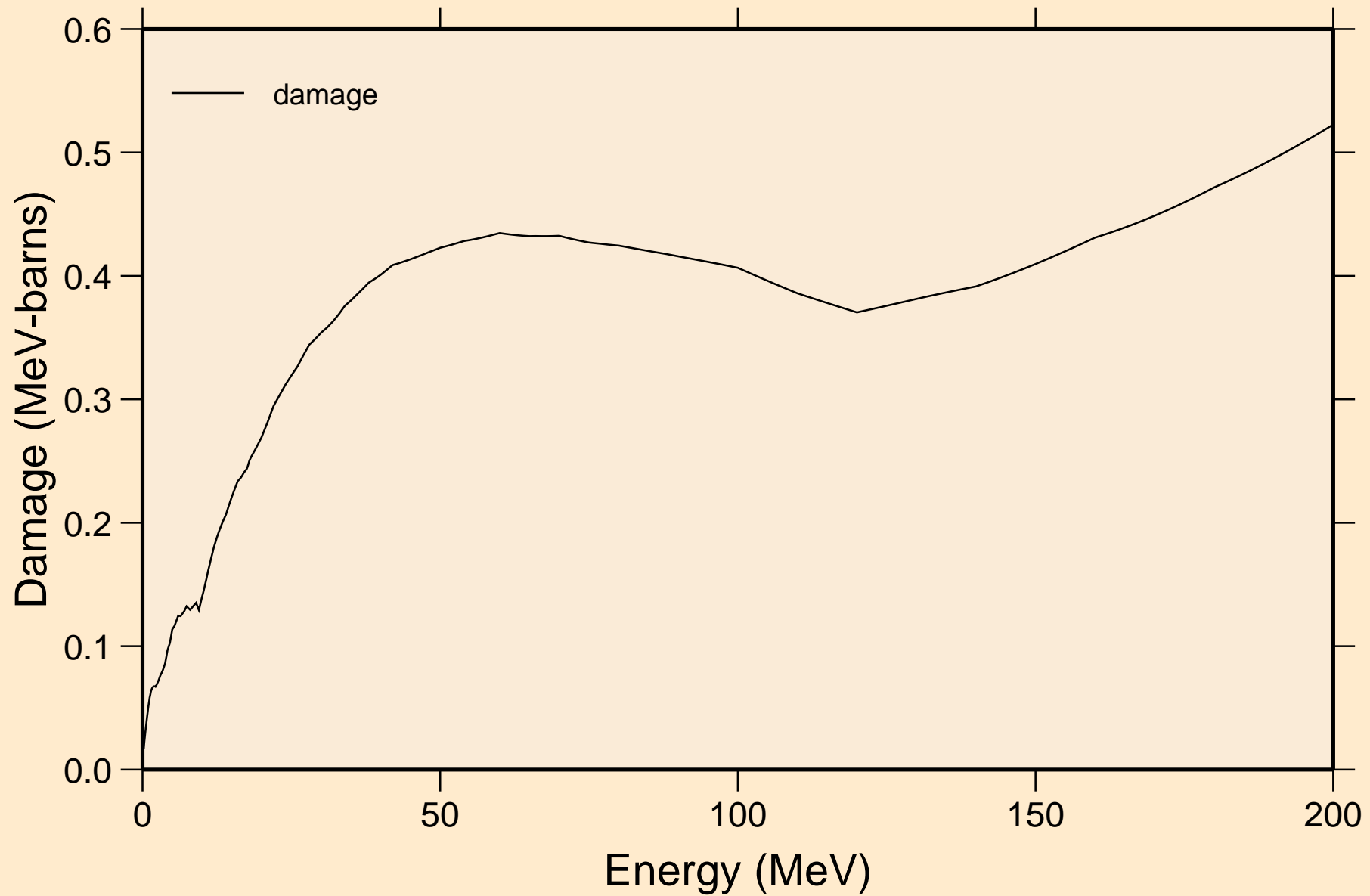
## Principal cross sections



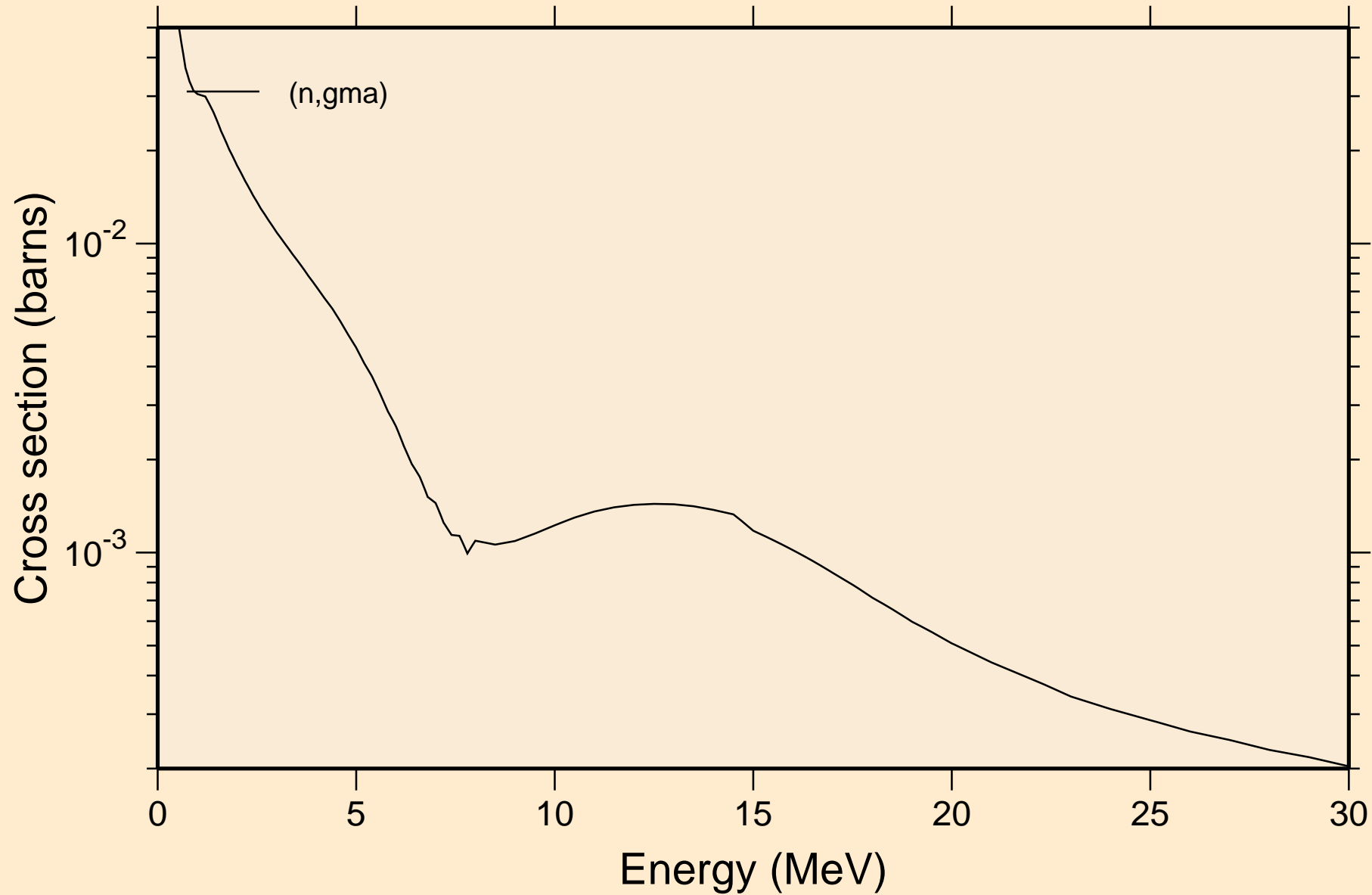
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Heating



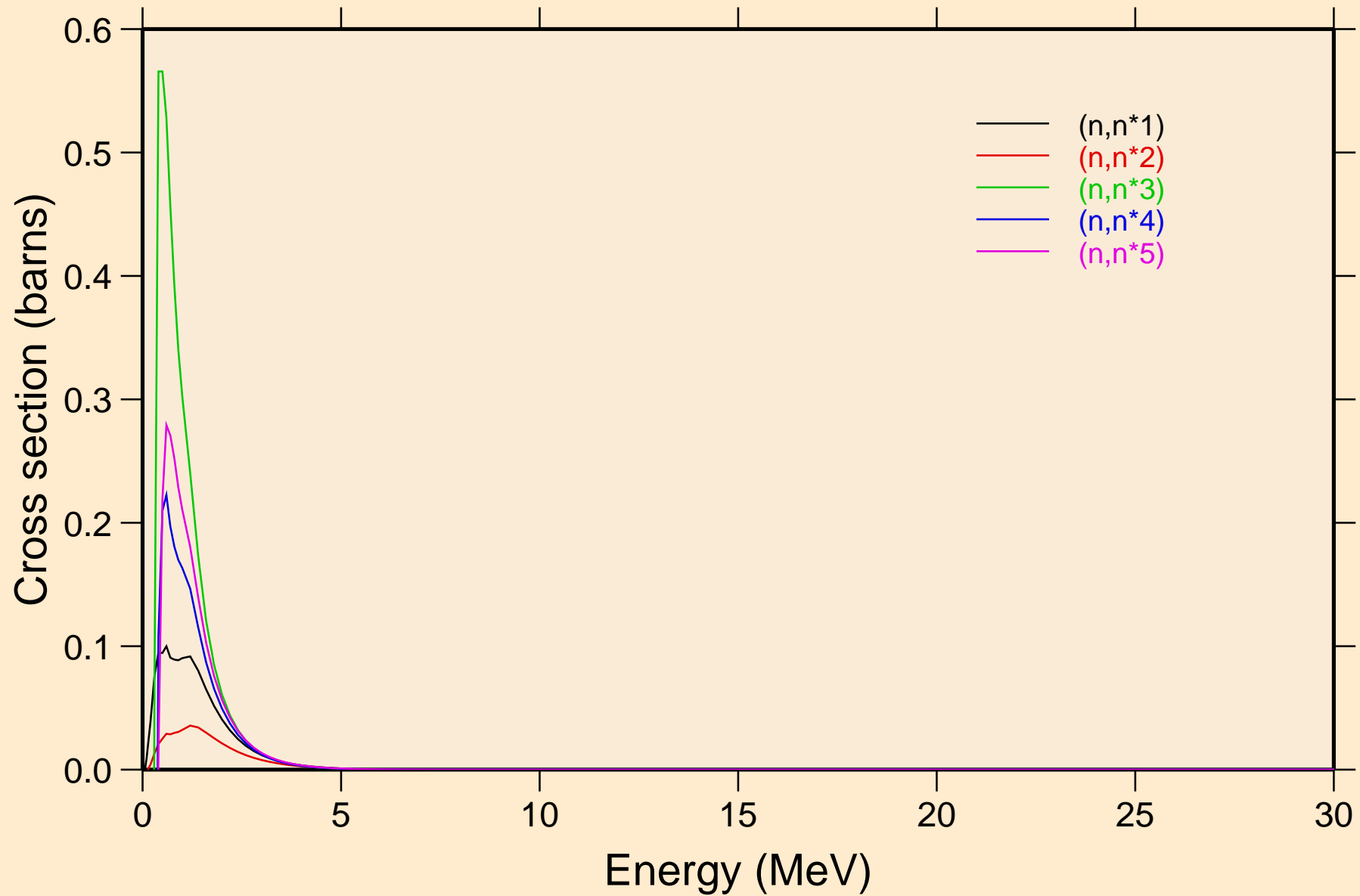
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage



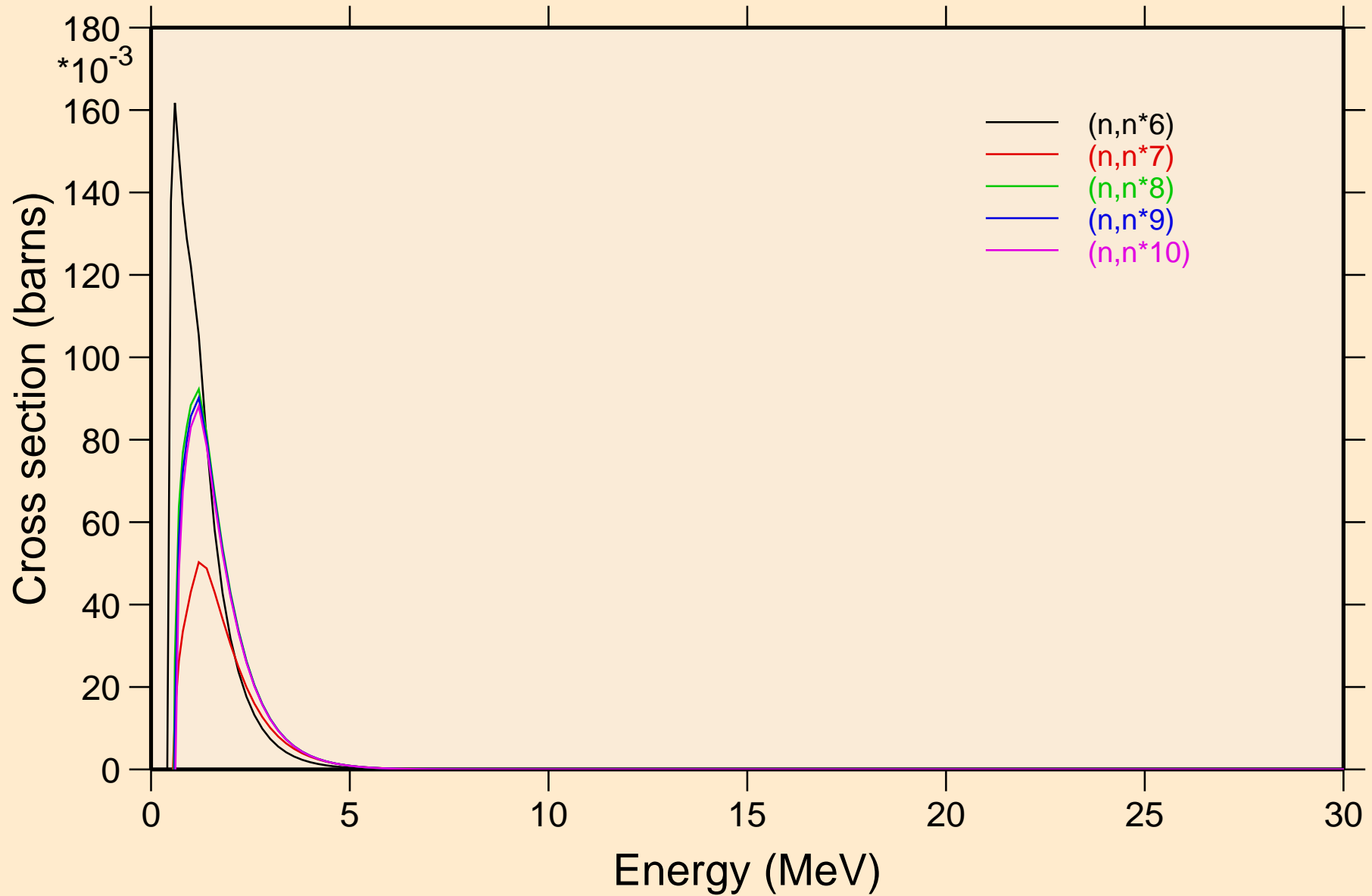
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



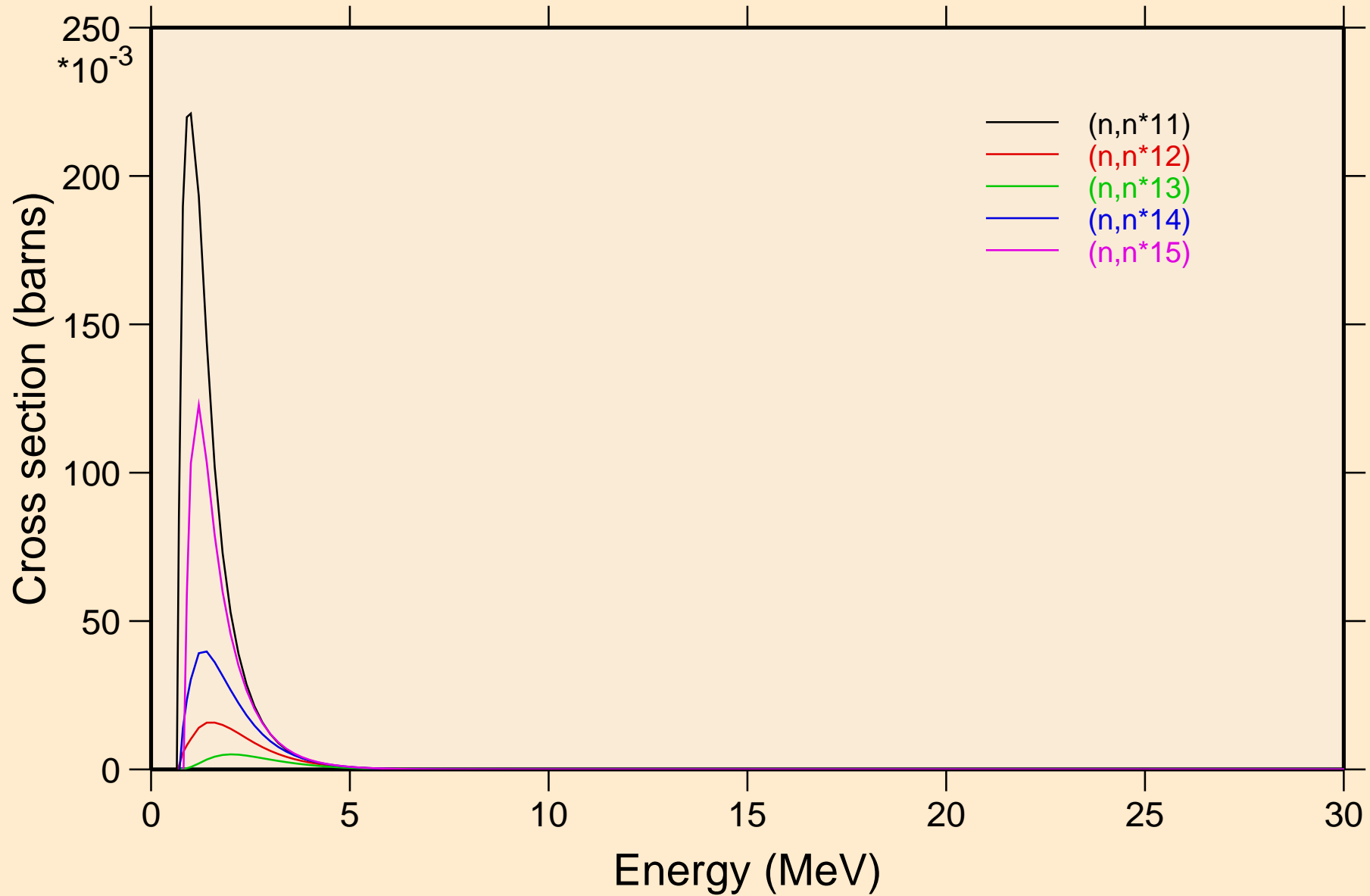
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



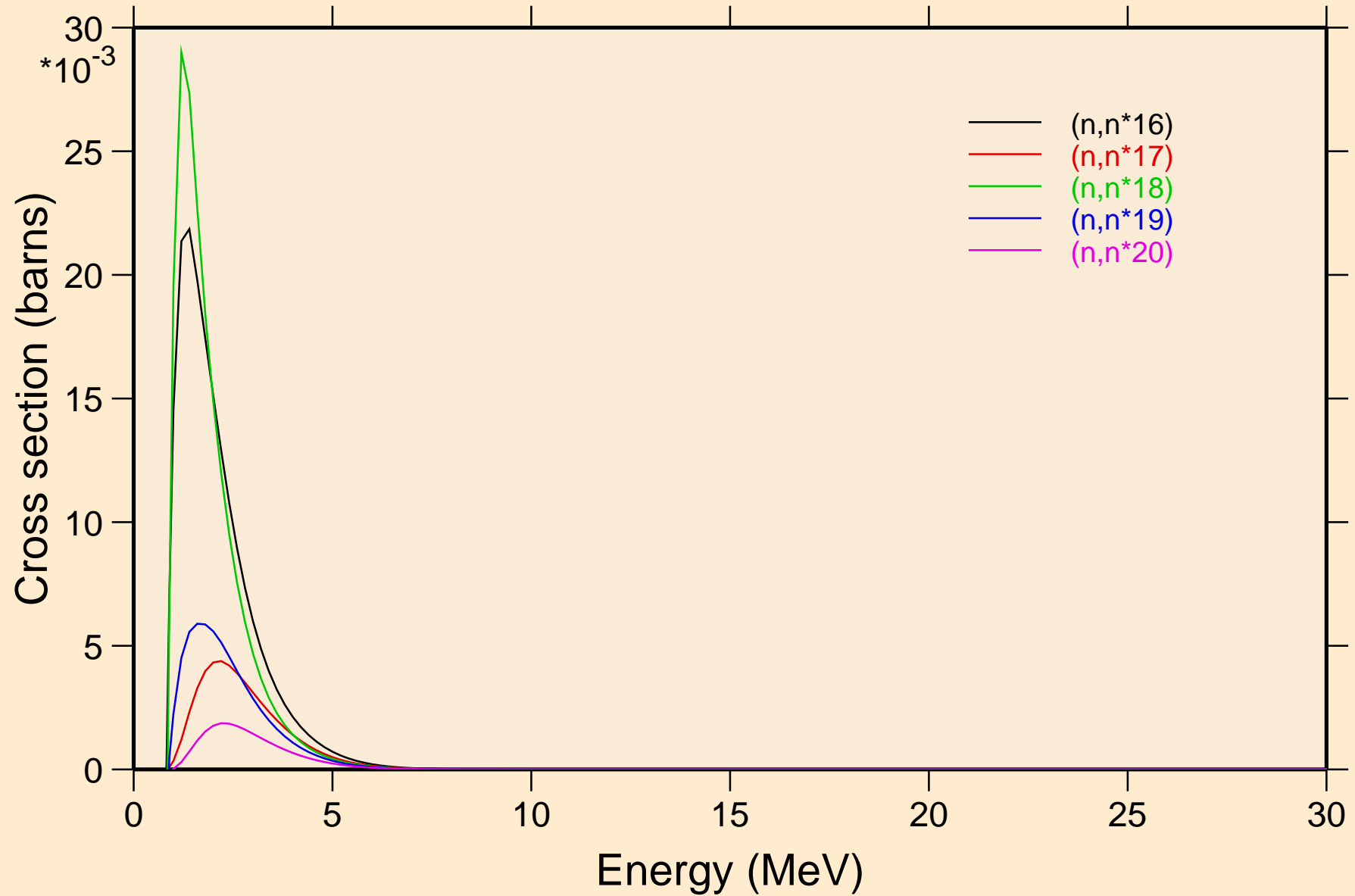
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



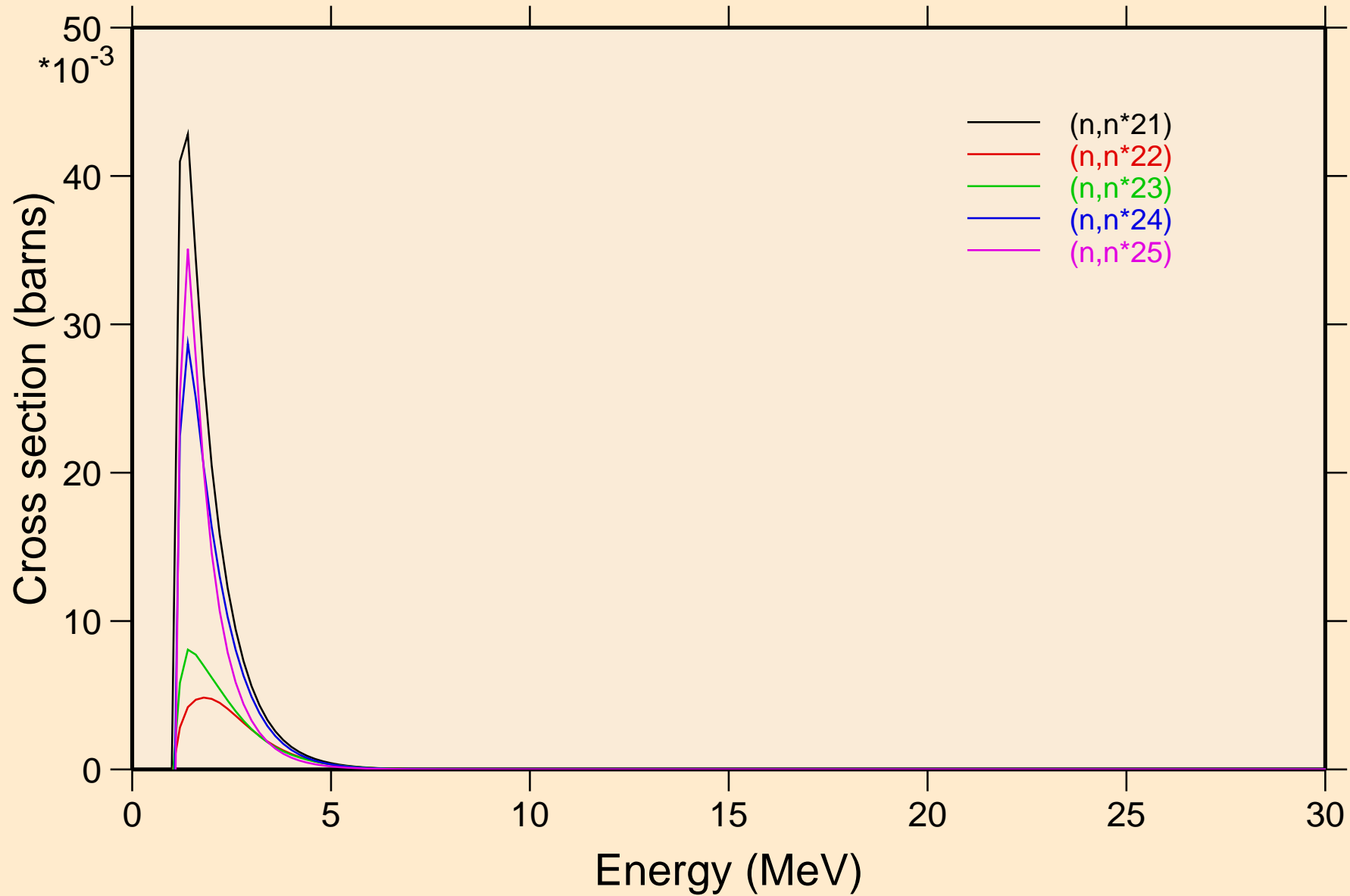
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



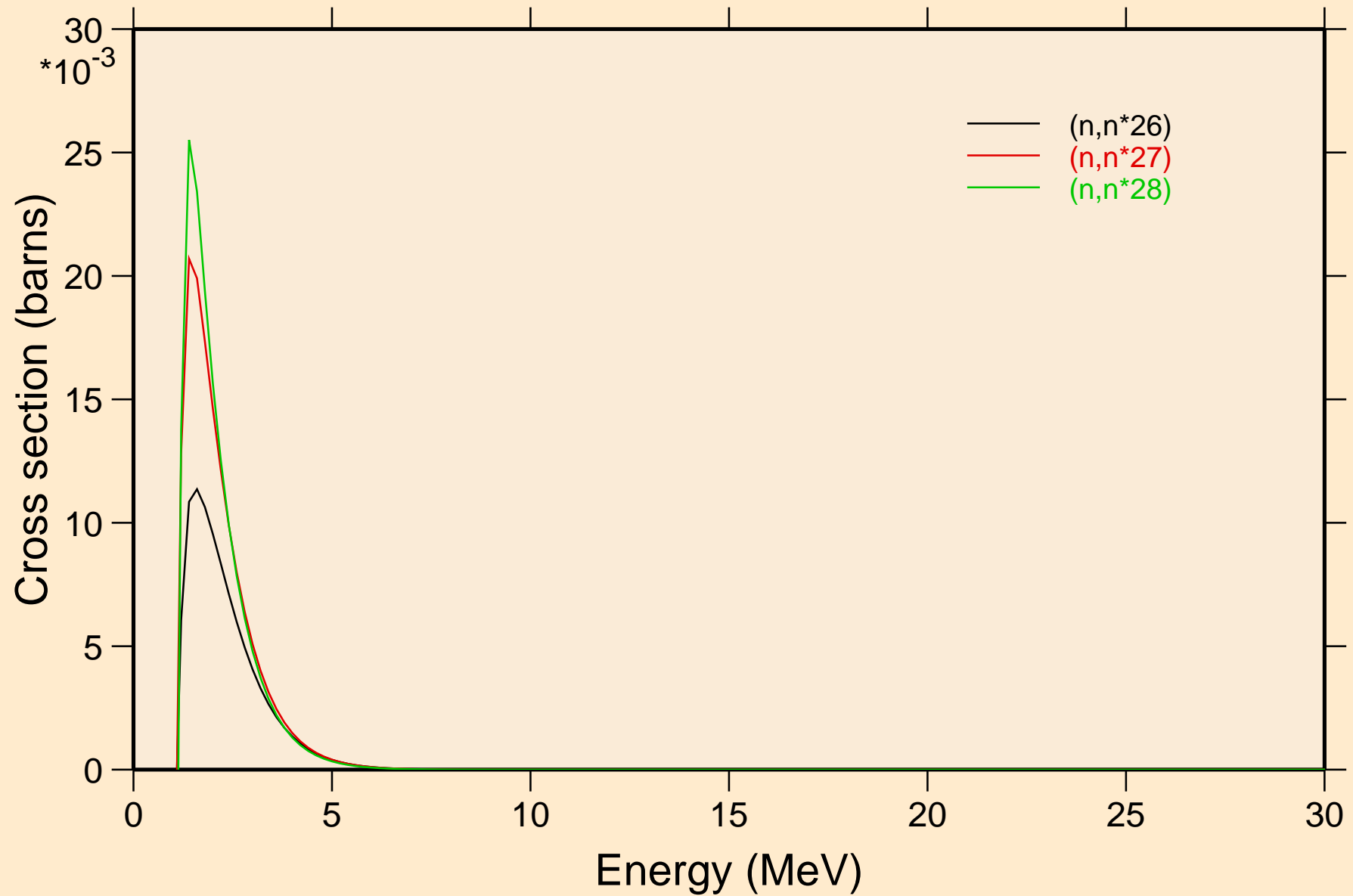
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

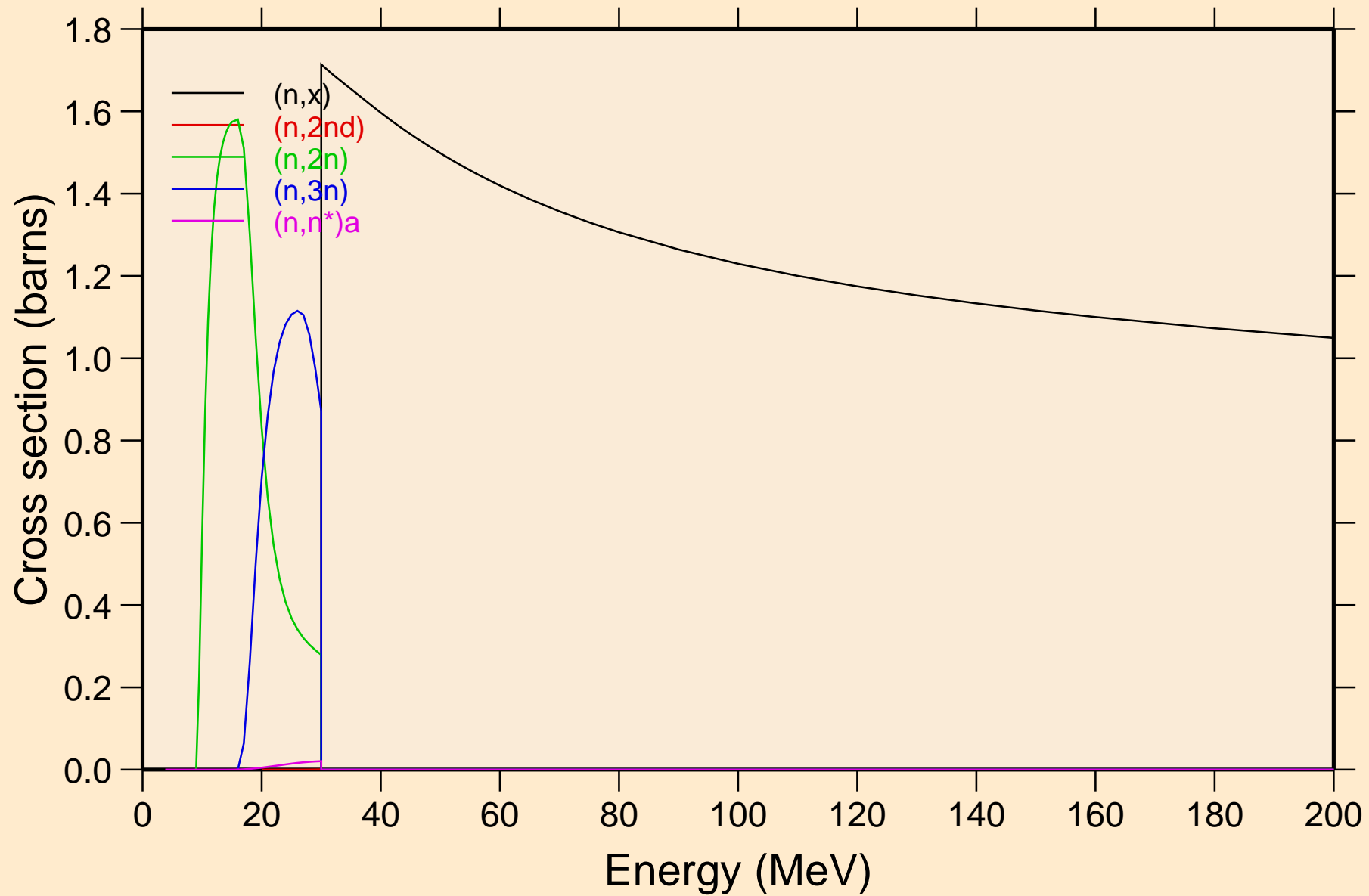


AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



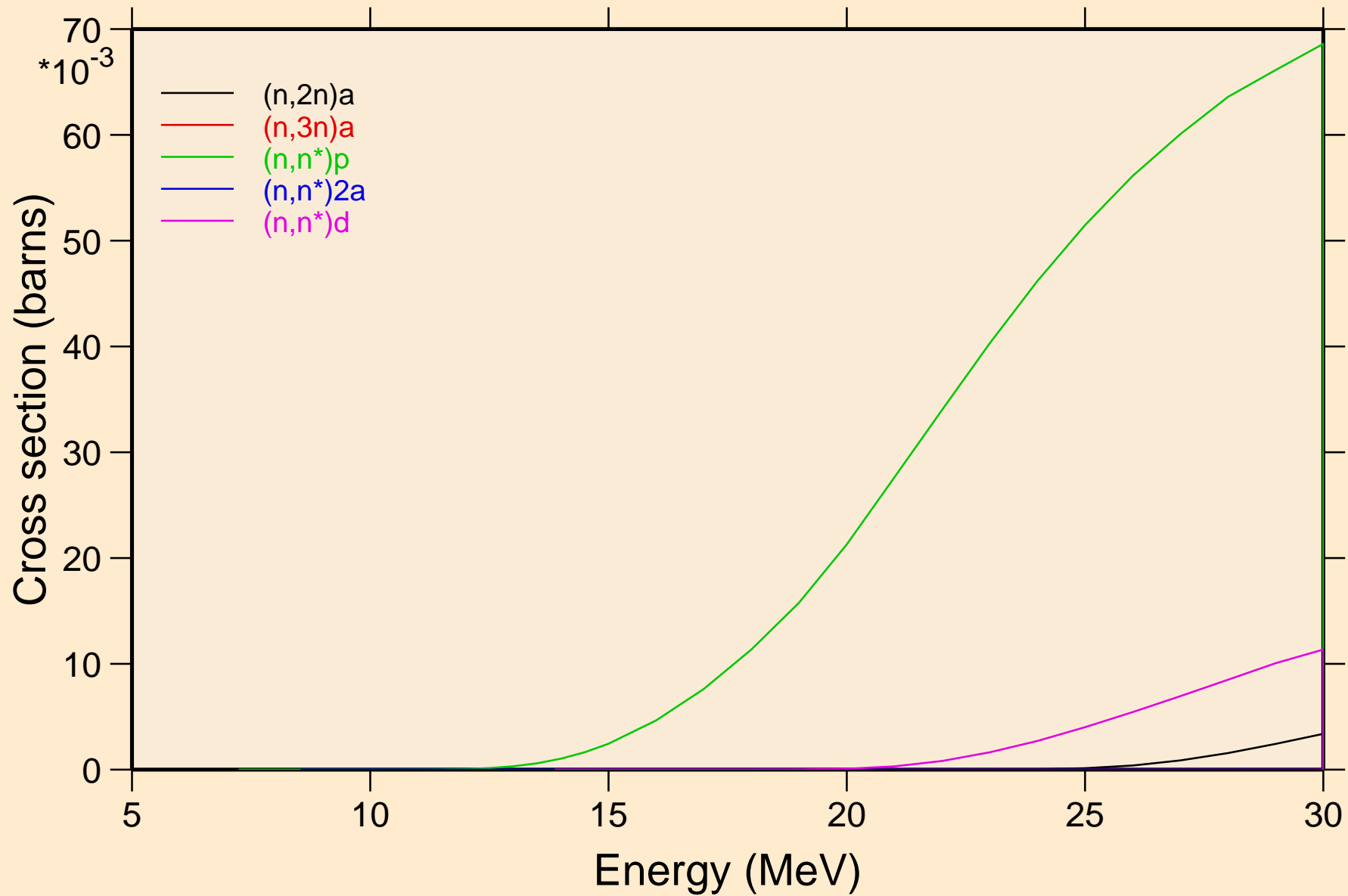
# AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Threshold reactions



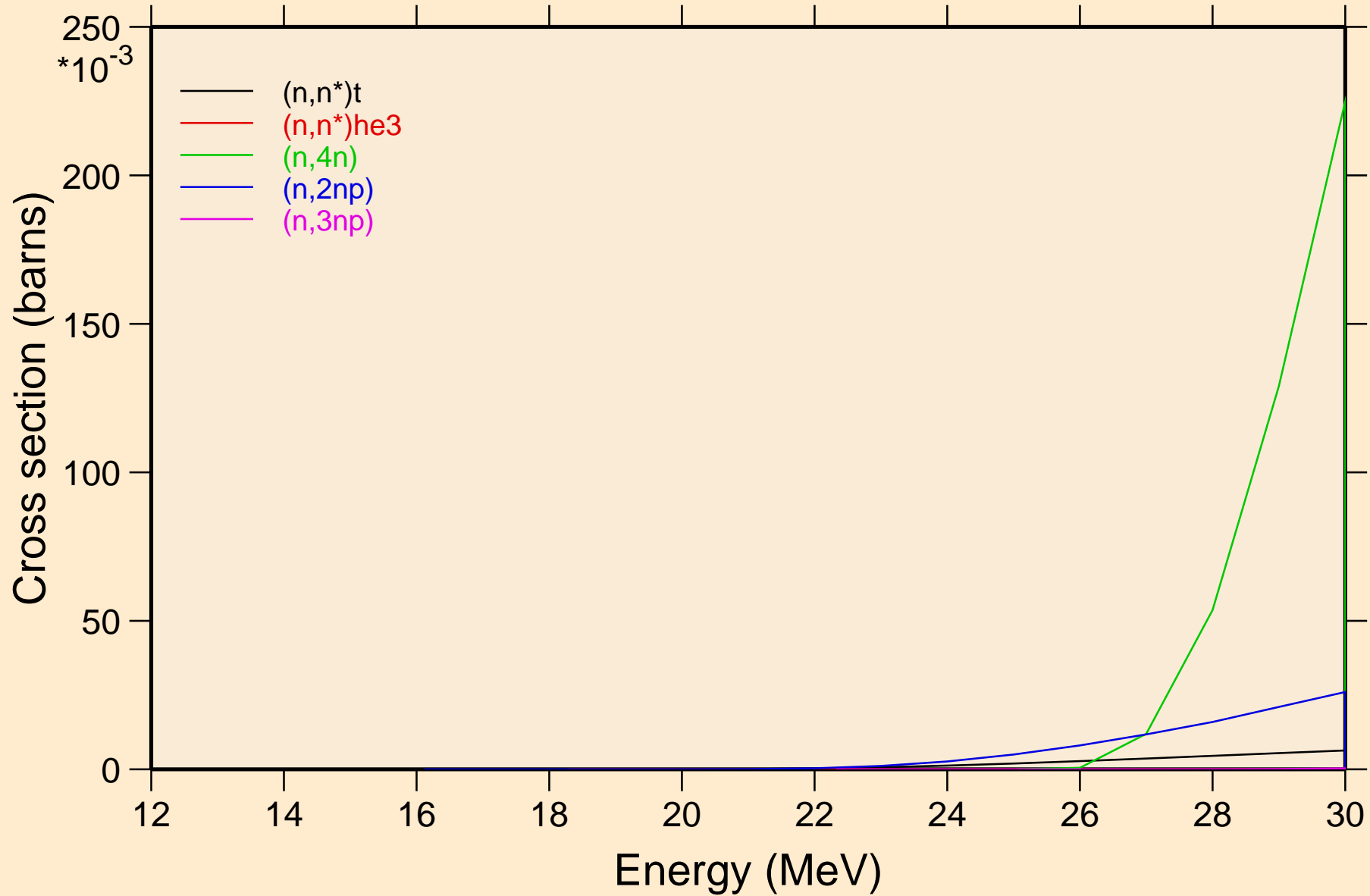
# AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Threshold reactions

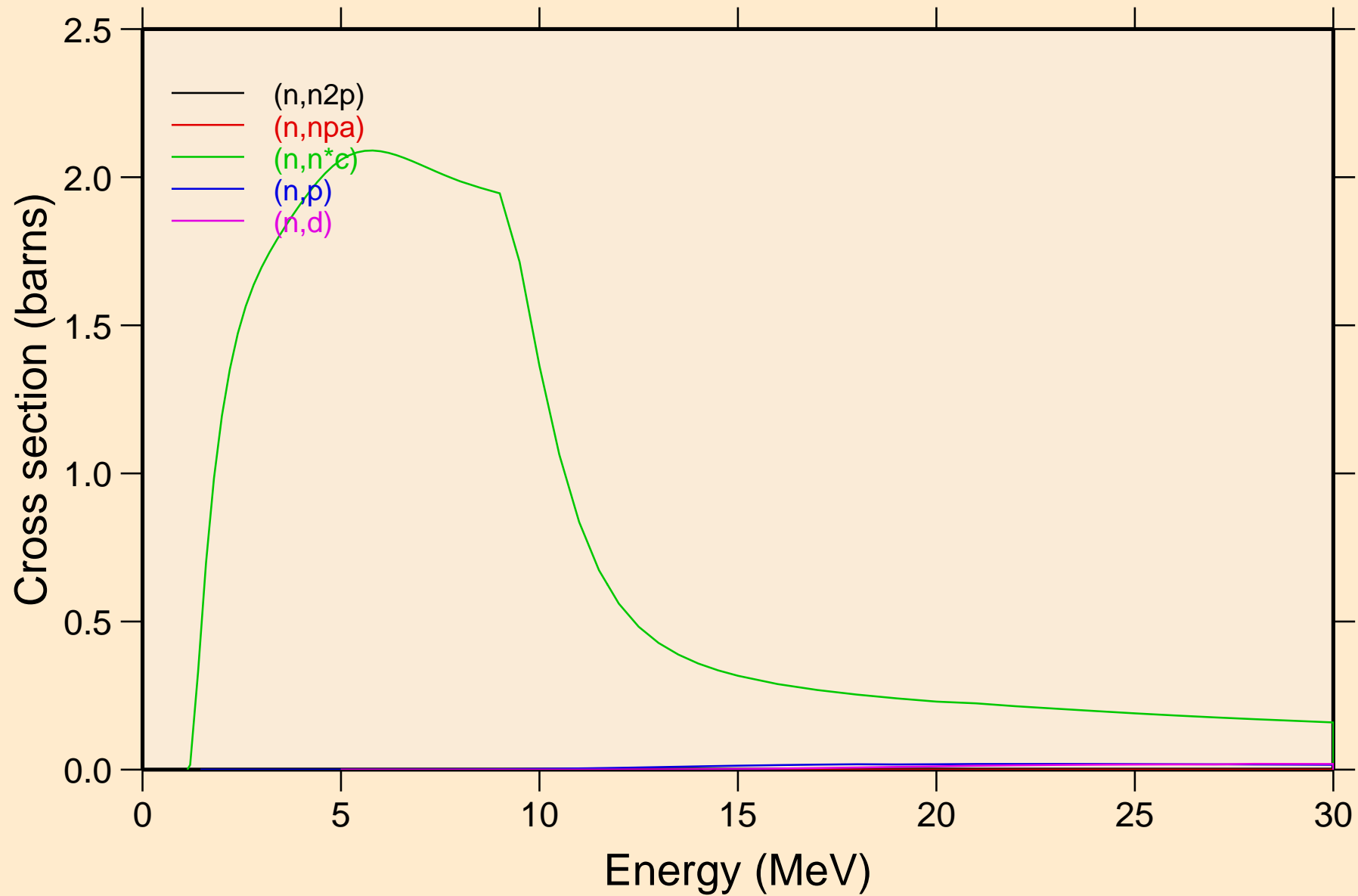


# AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Threshold reactions

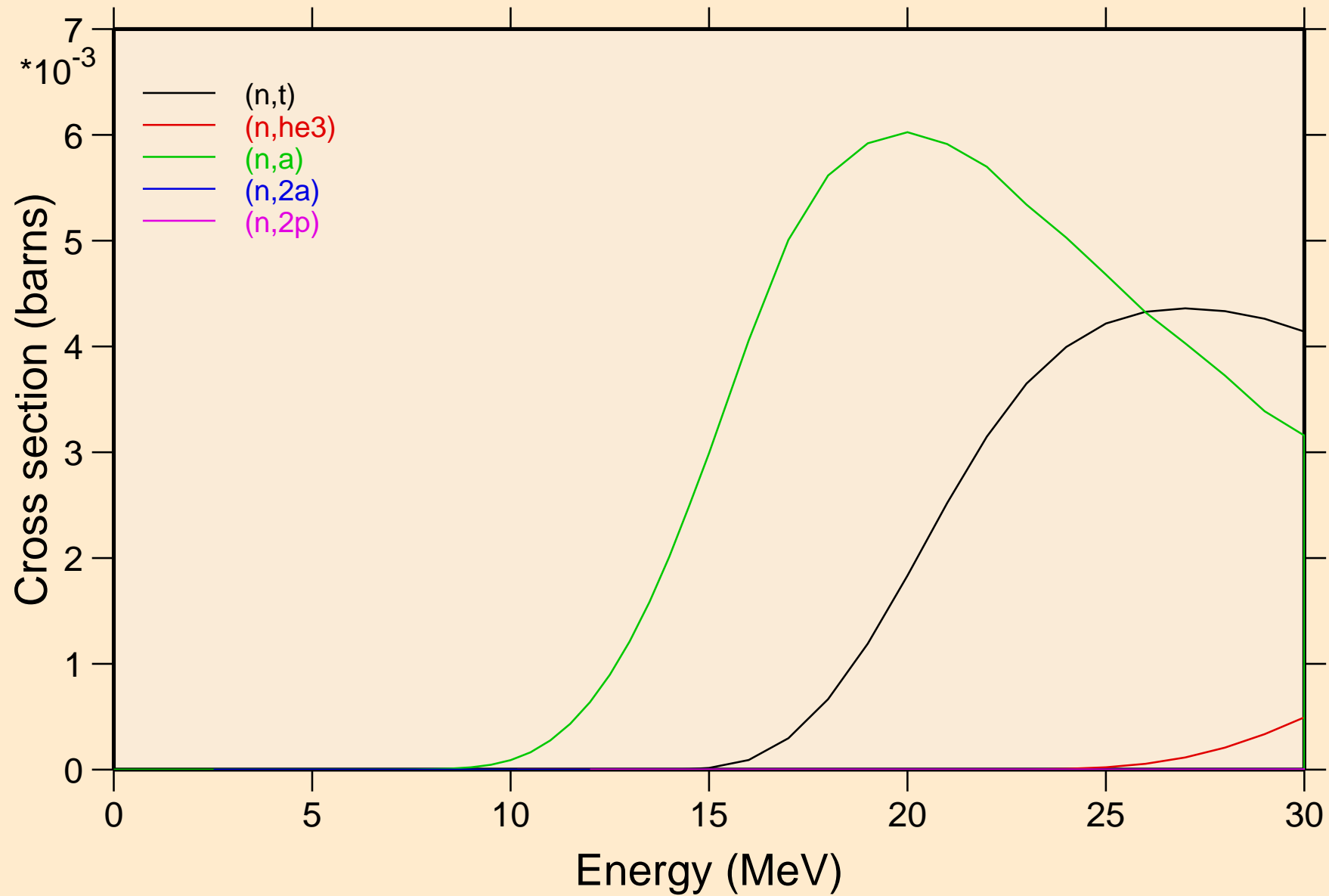


AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



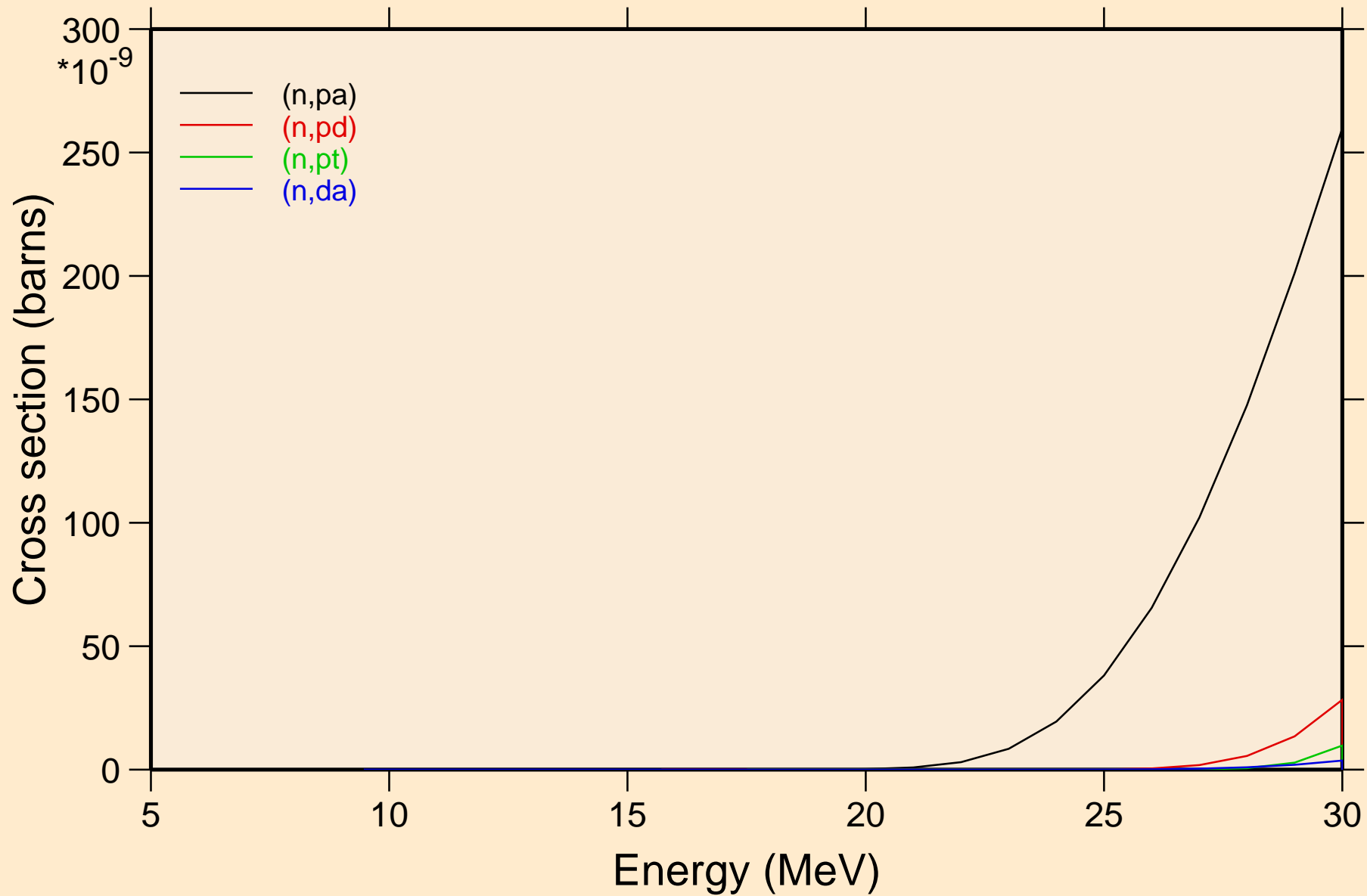
# AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Threshold reactions



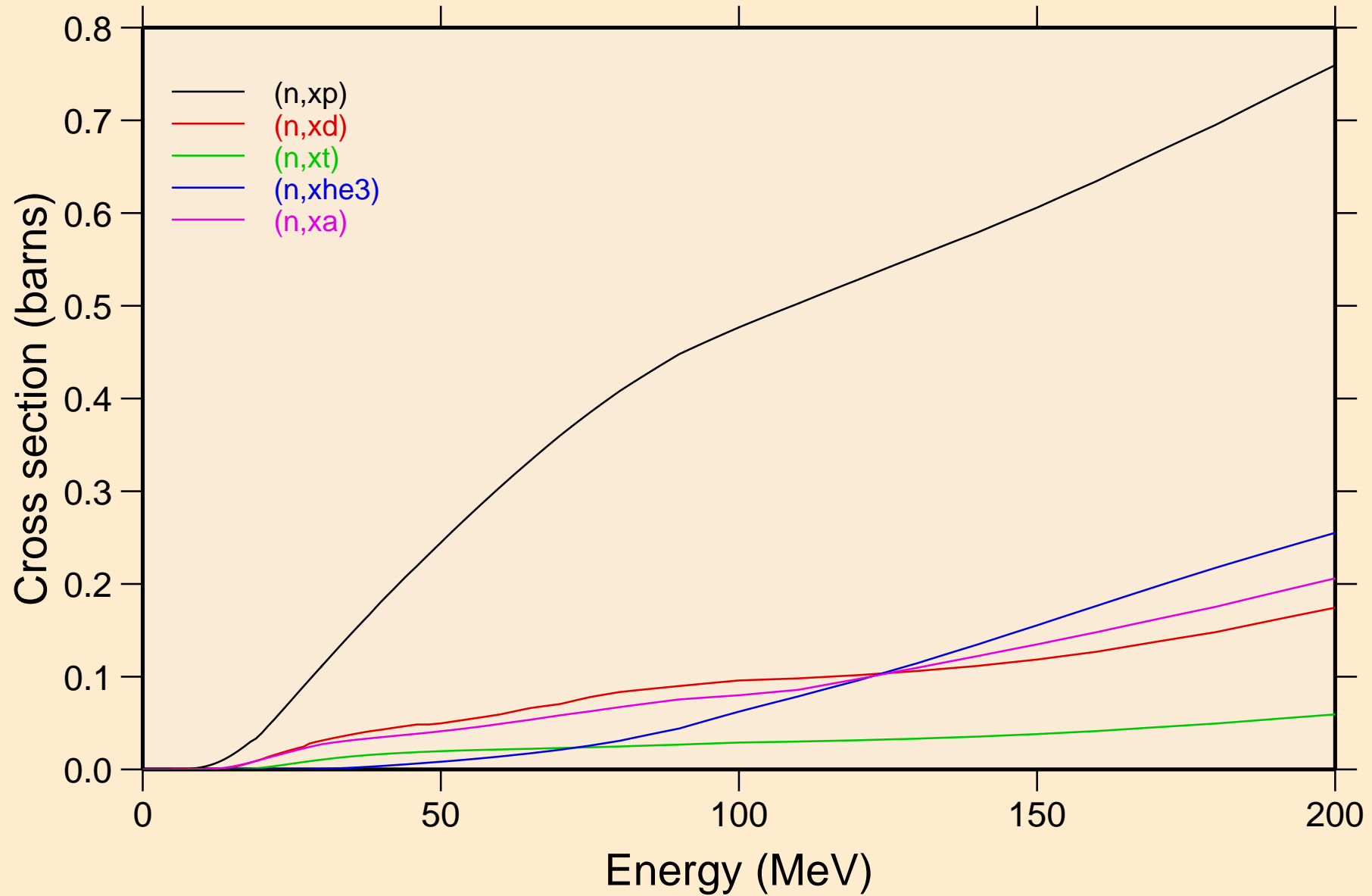
# AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Threshold reactions

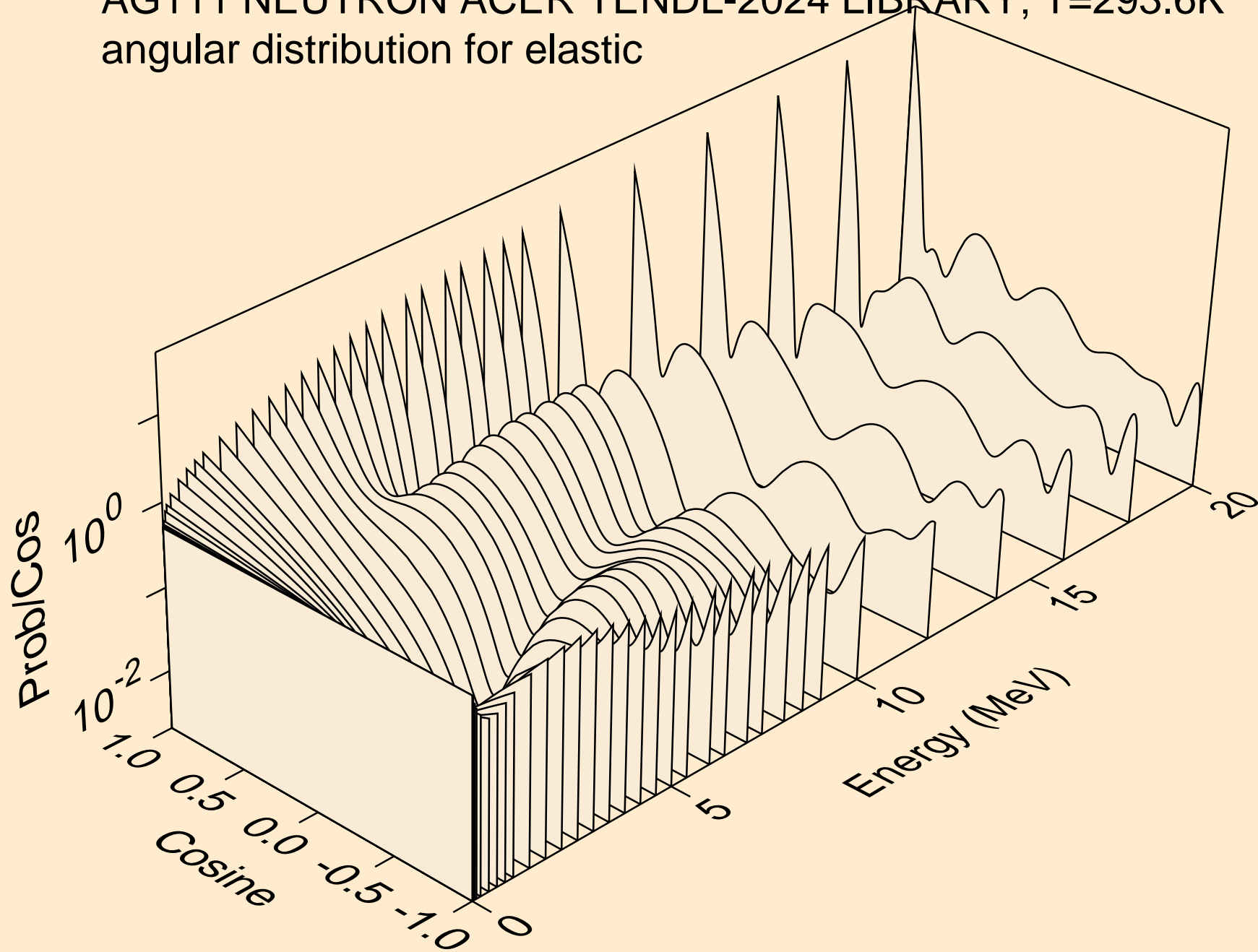


# AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

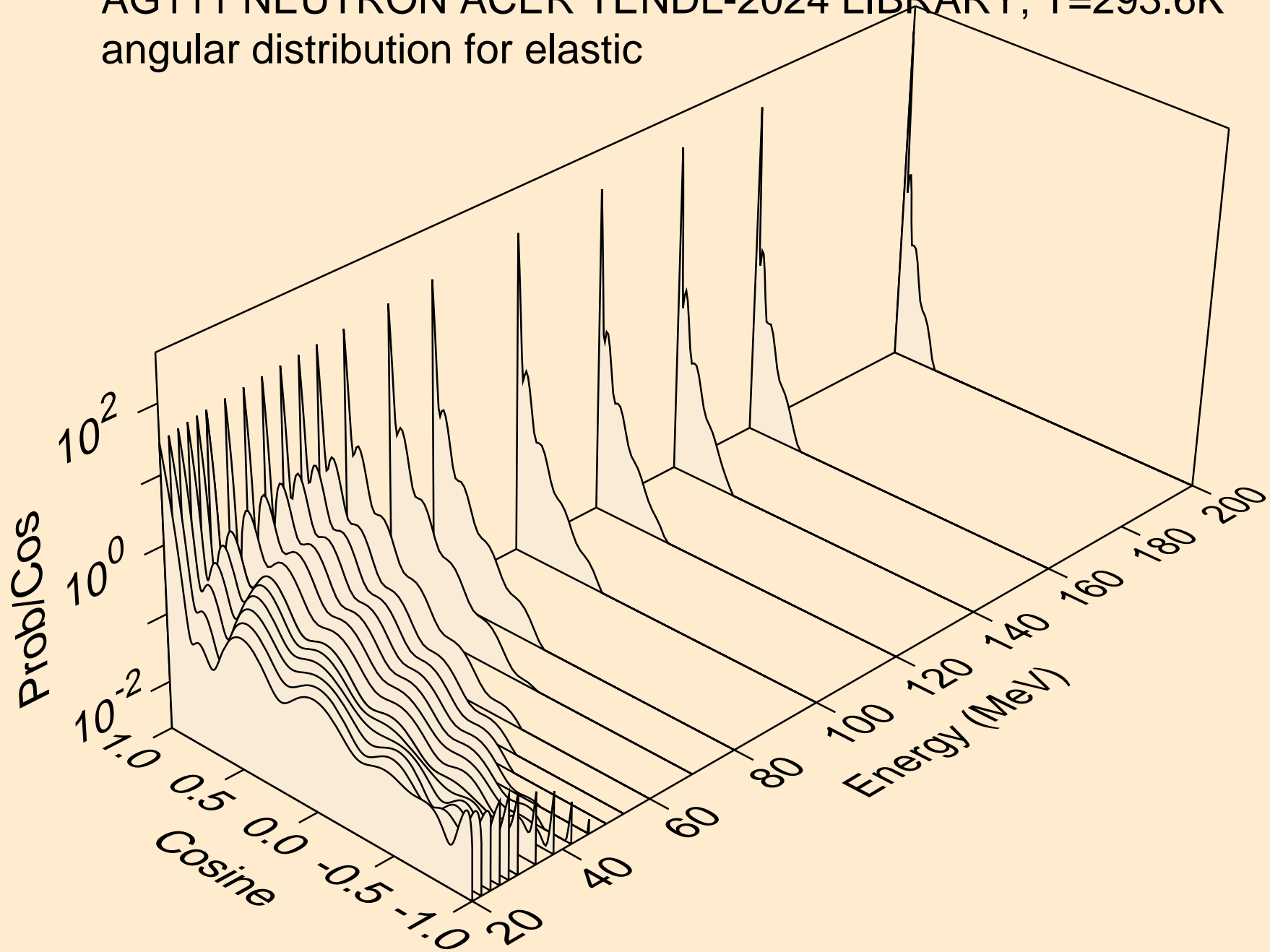
## Threshold reactions



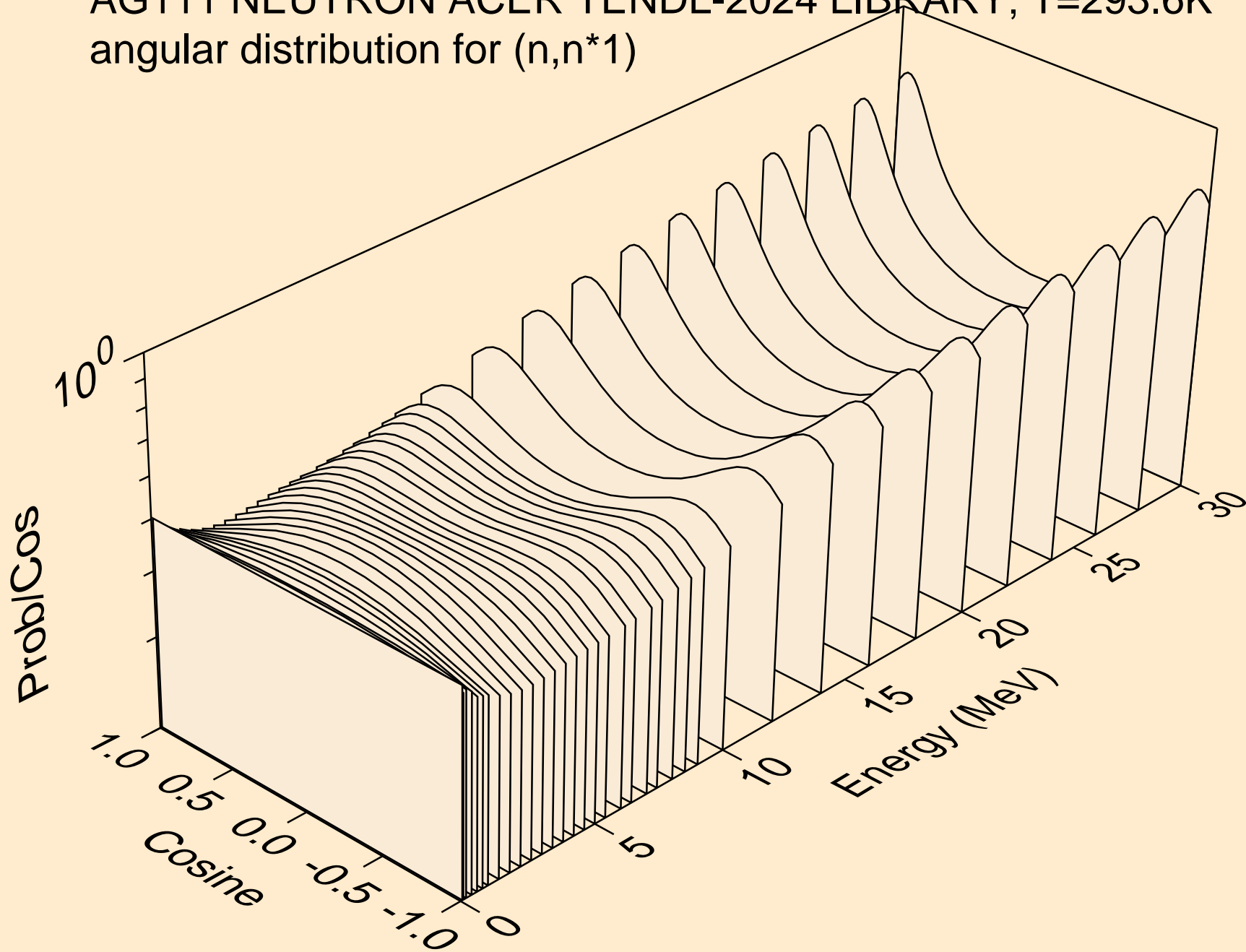
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



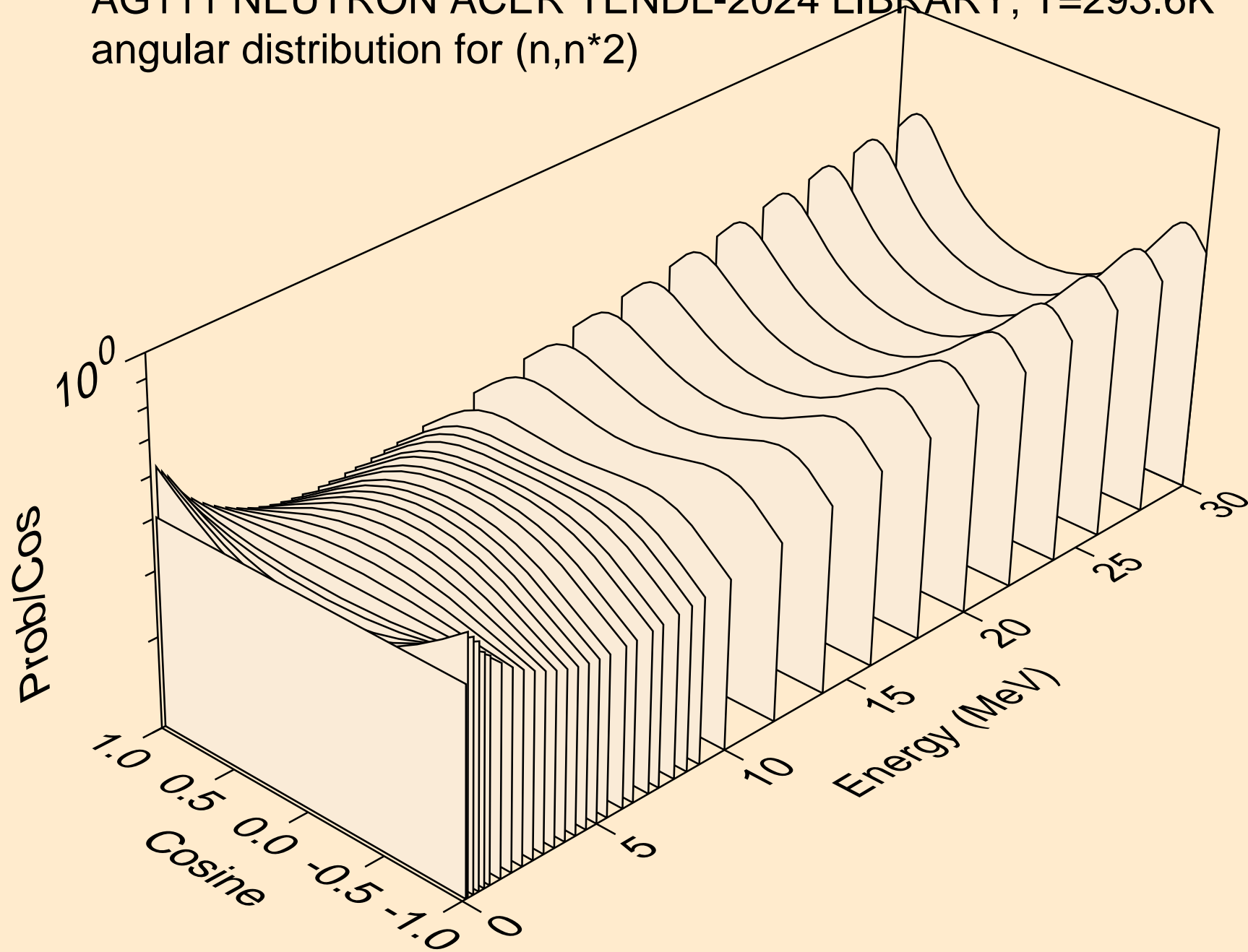
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



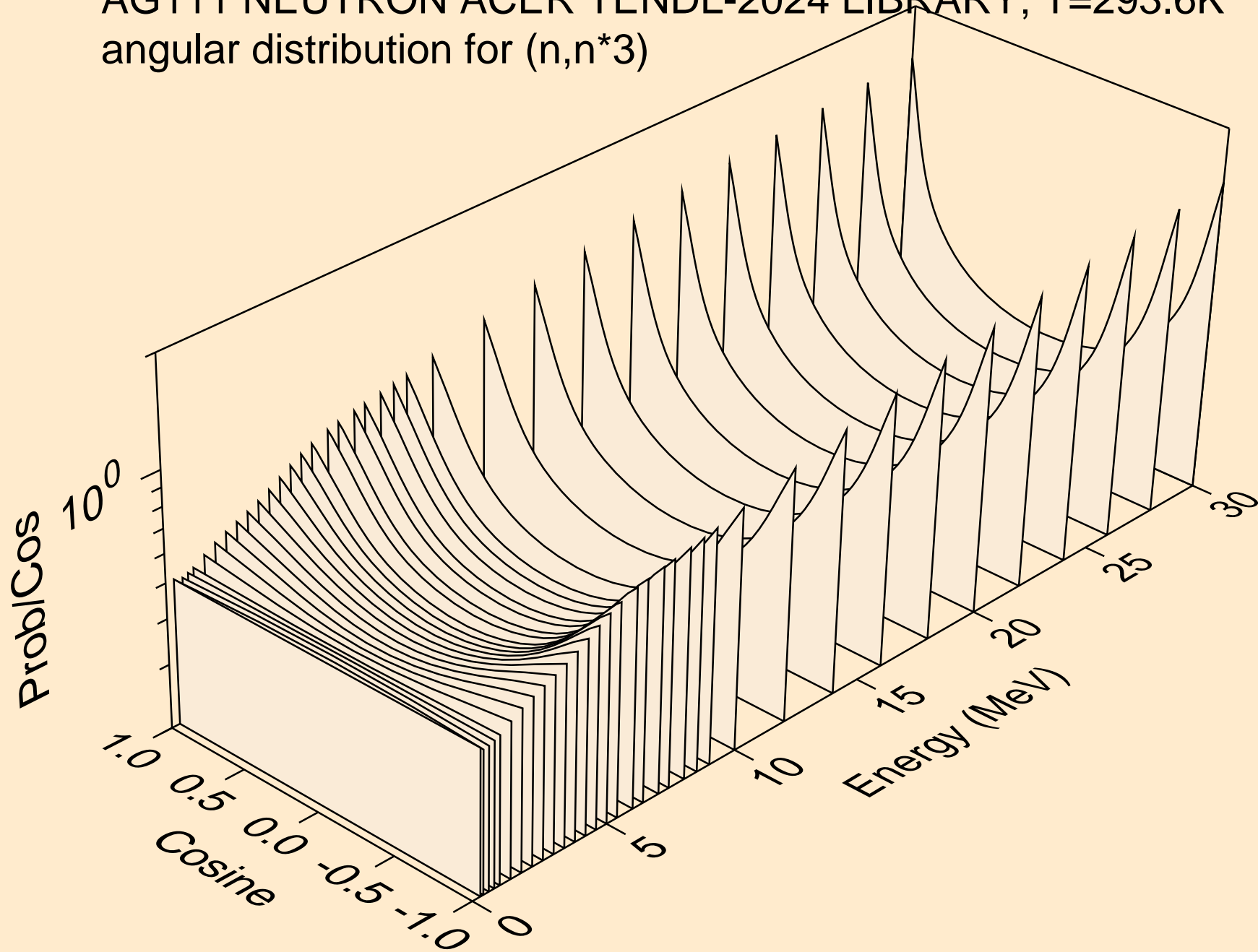
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



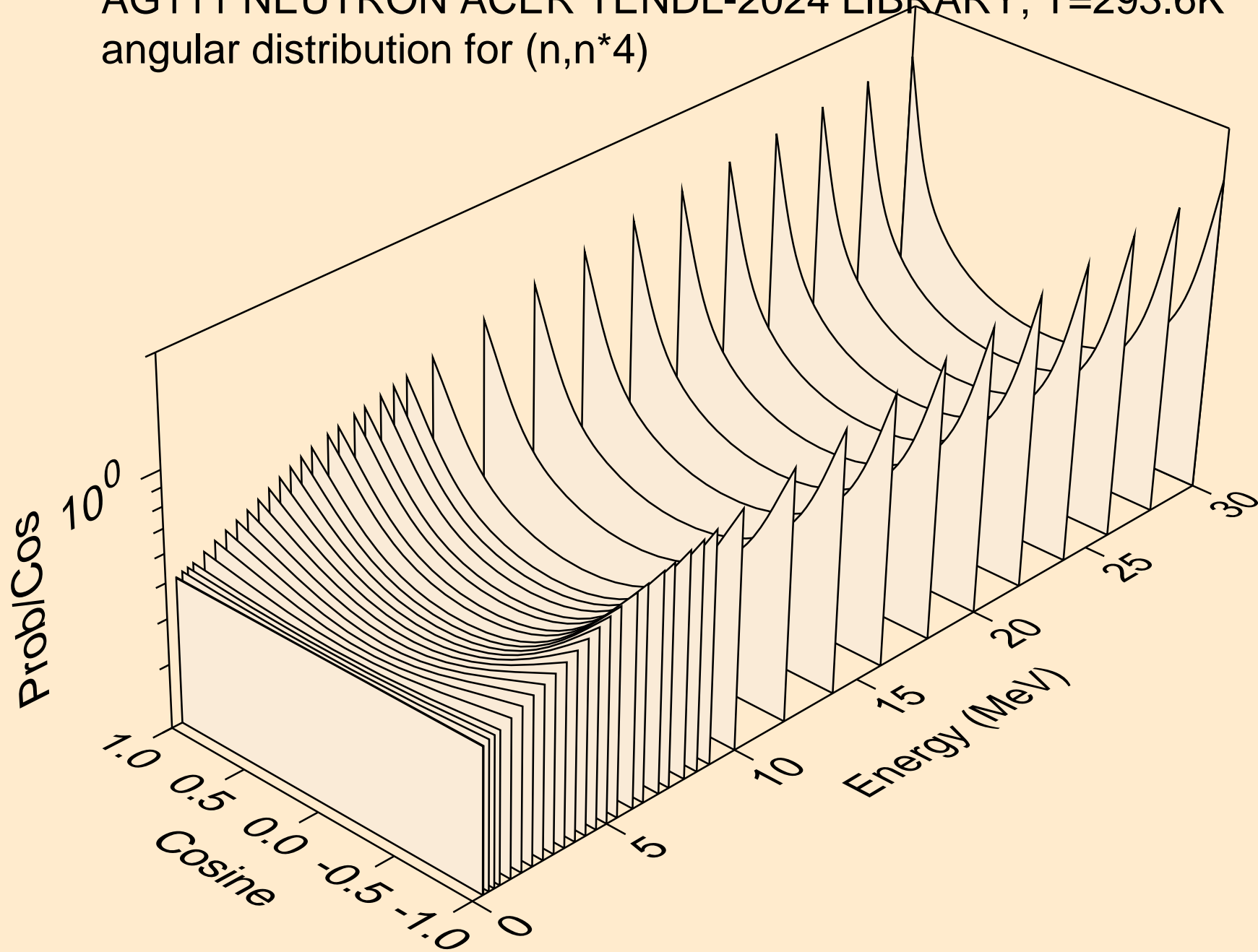
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



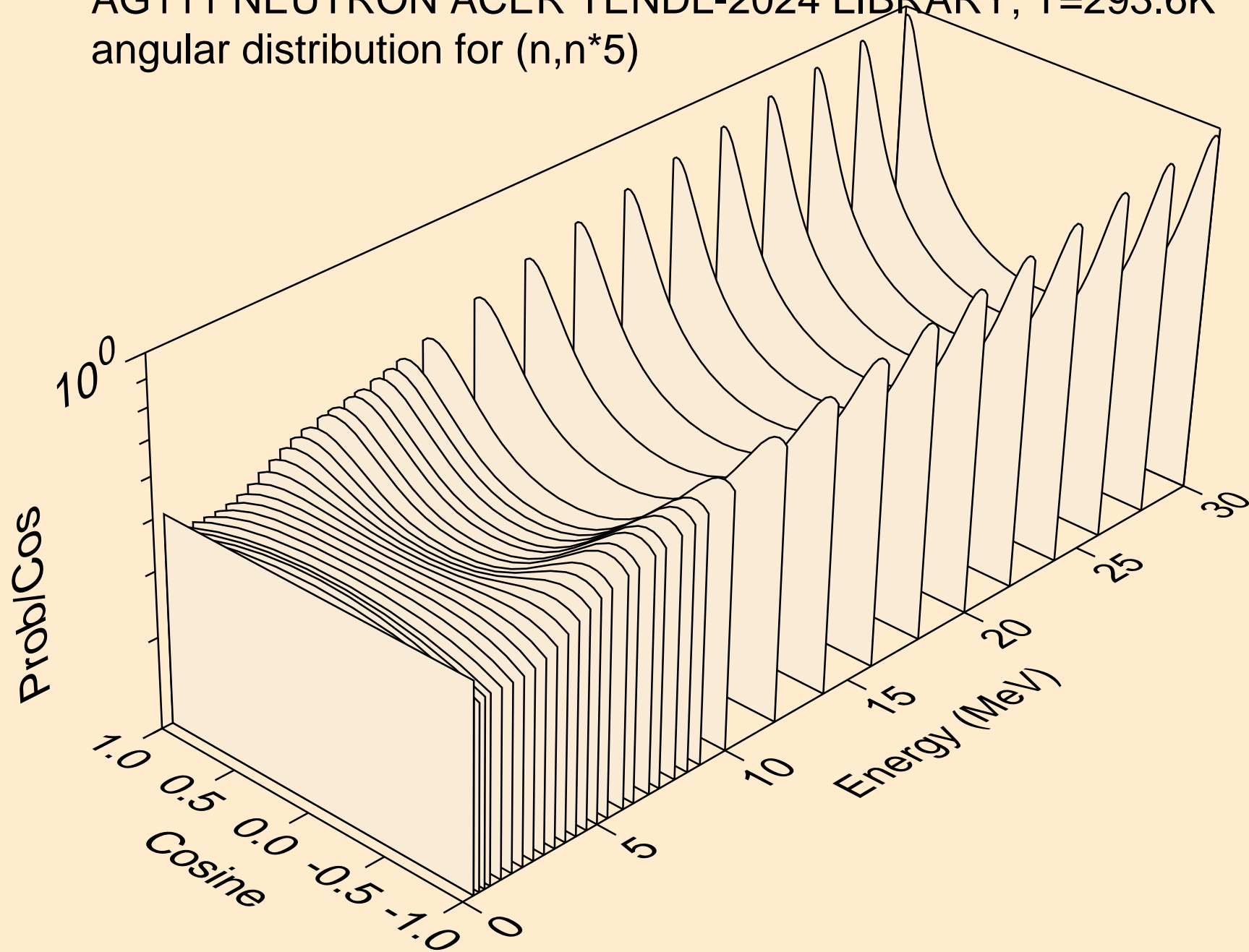
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



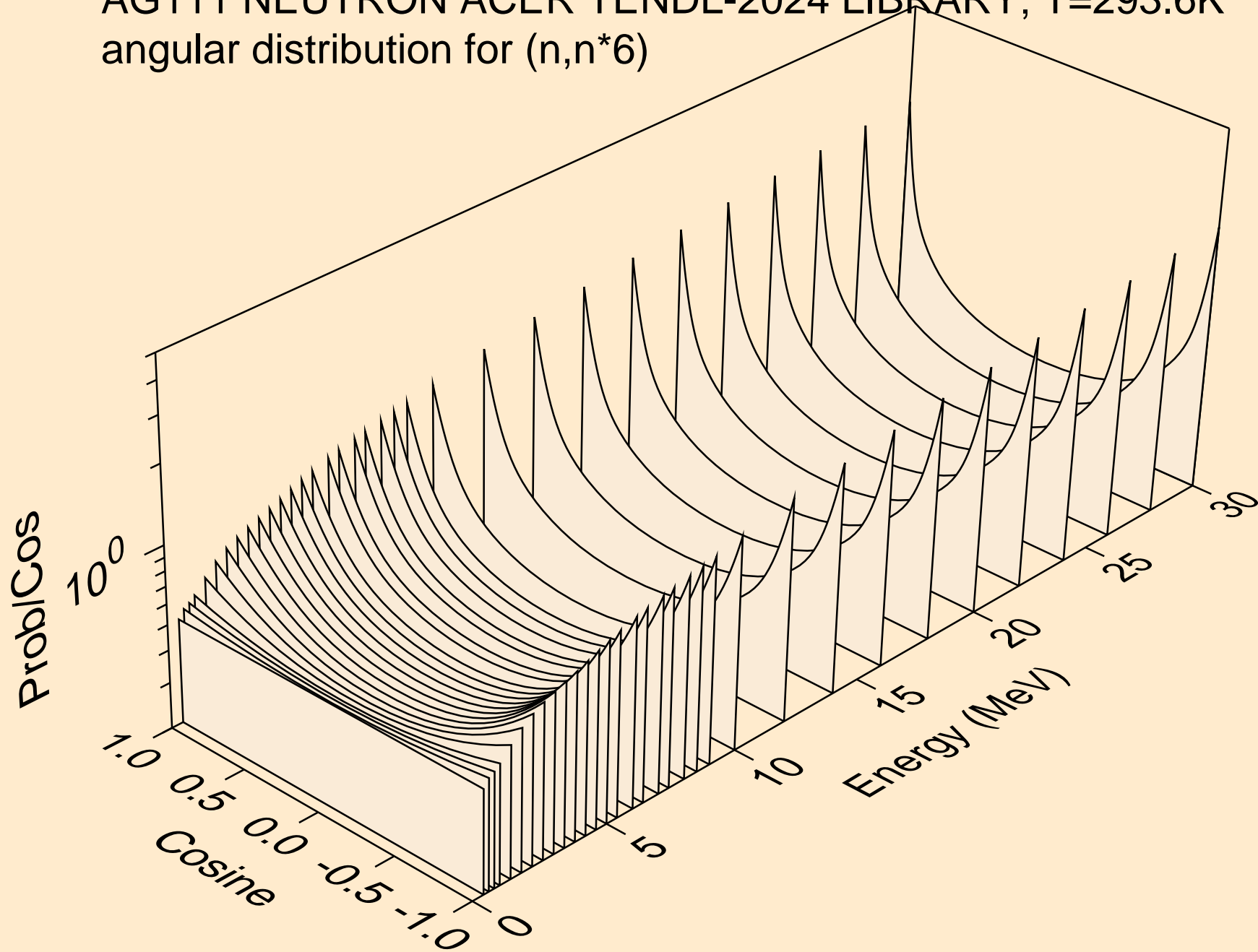
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



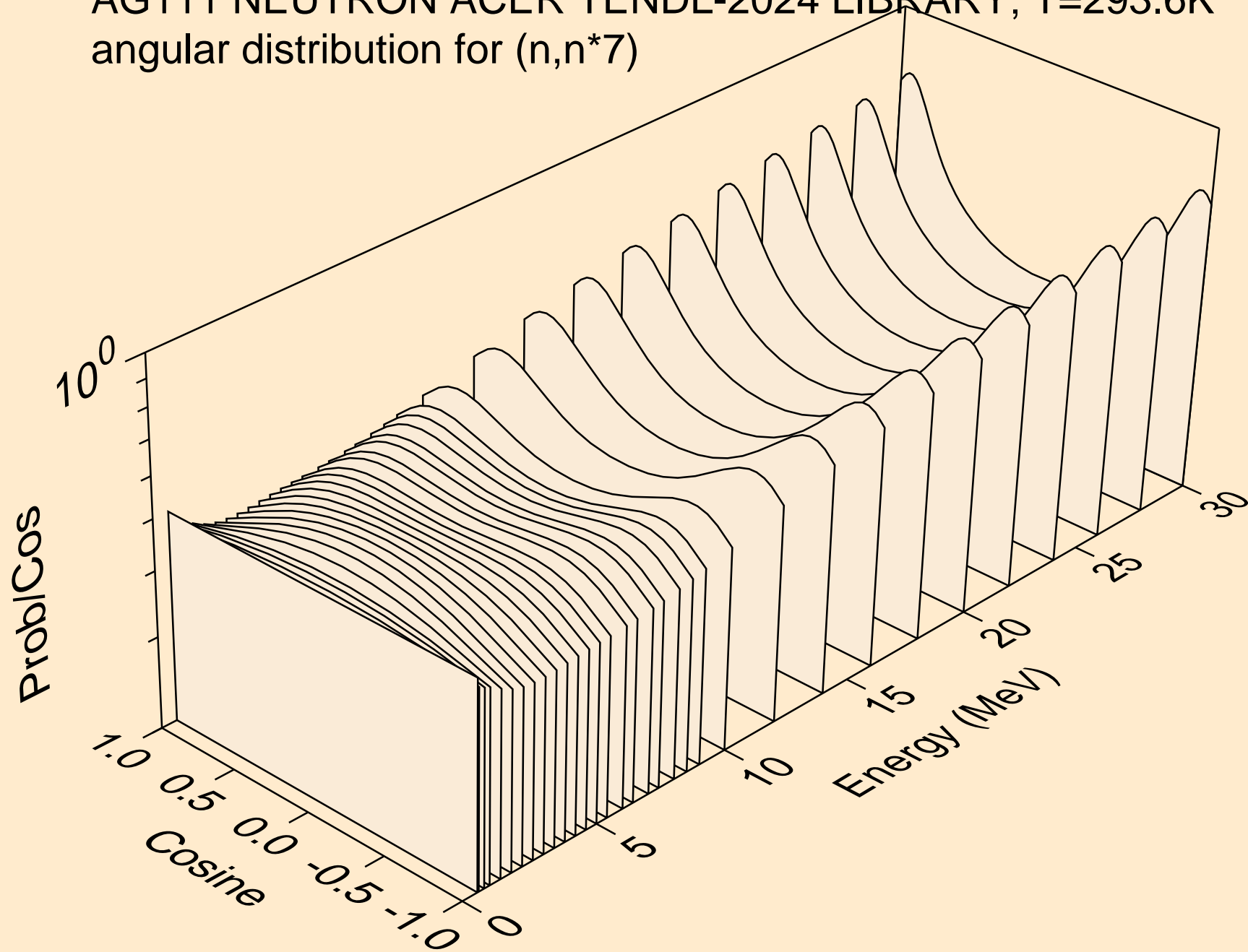
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



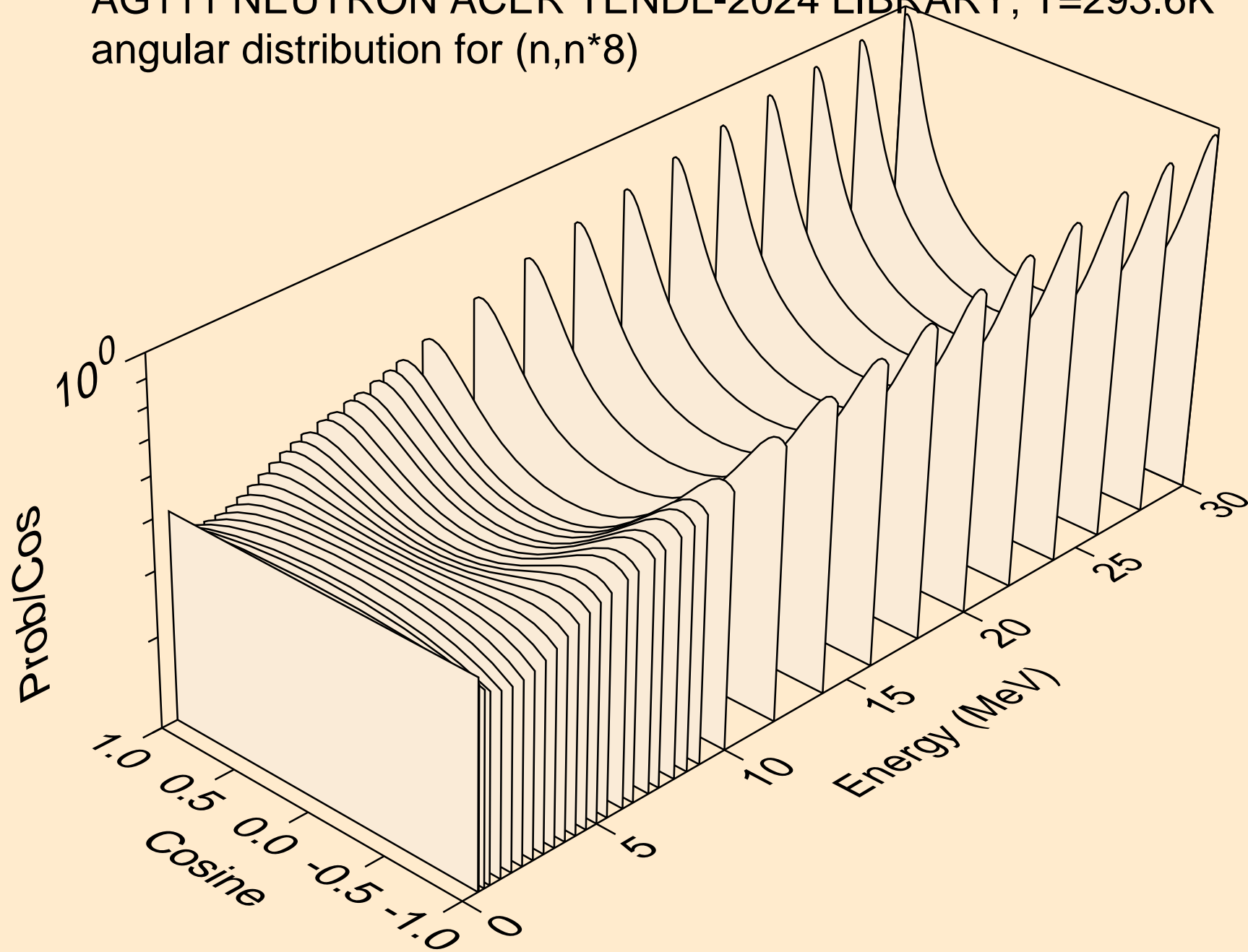
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



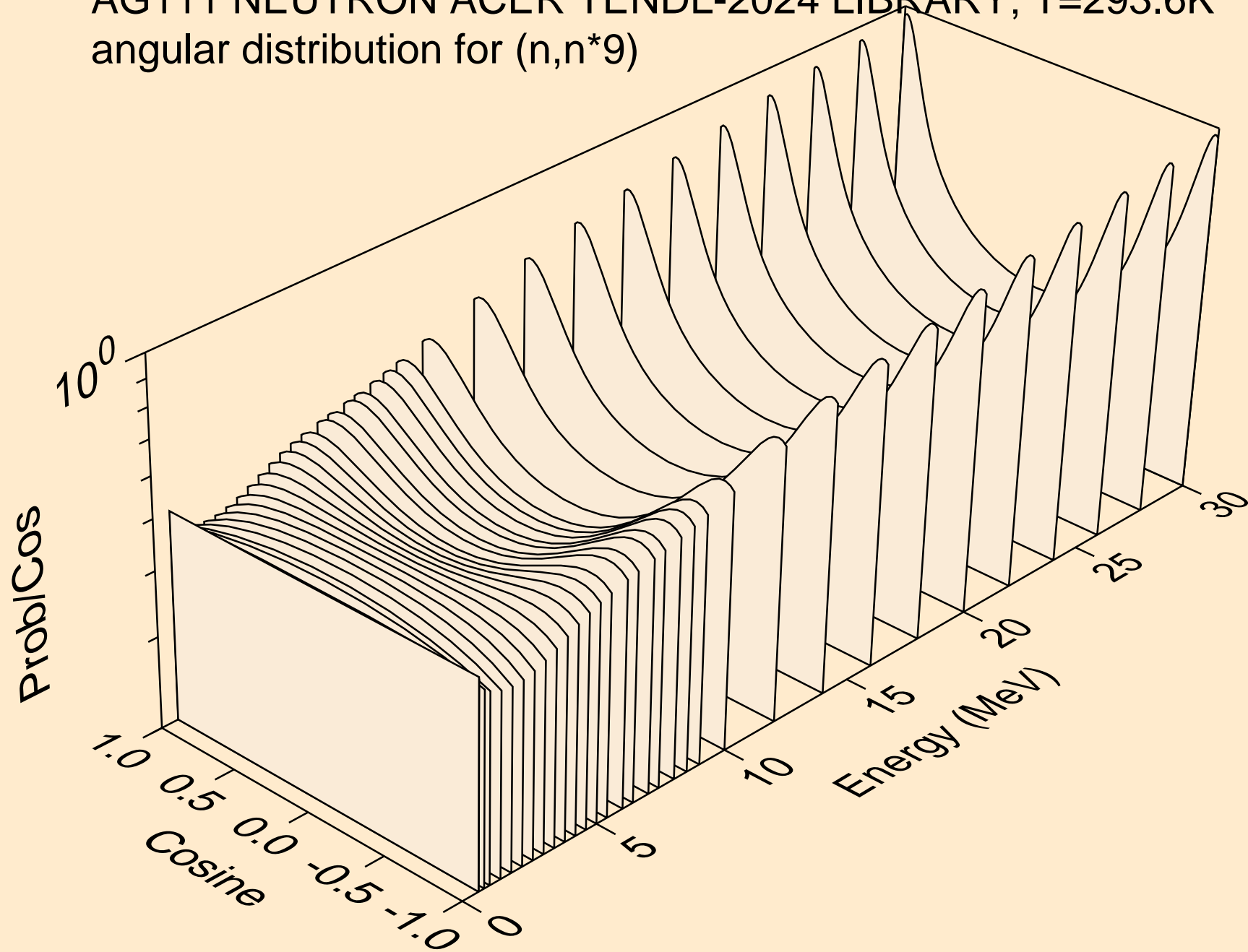
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



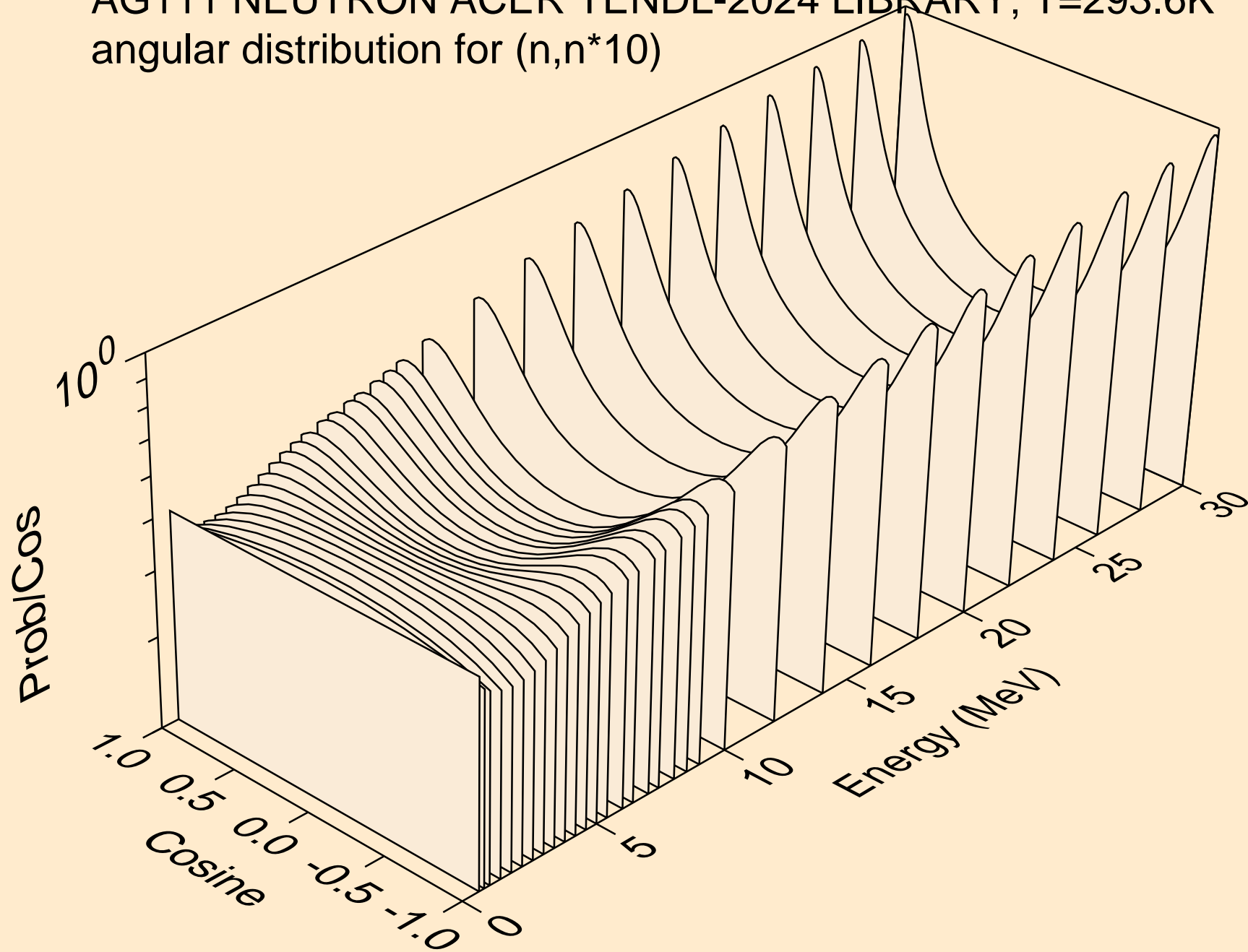
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



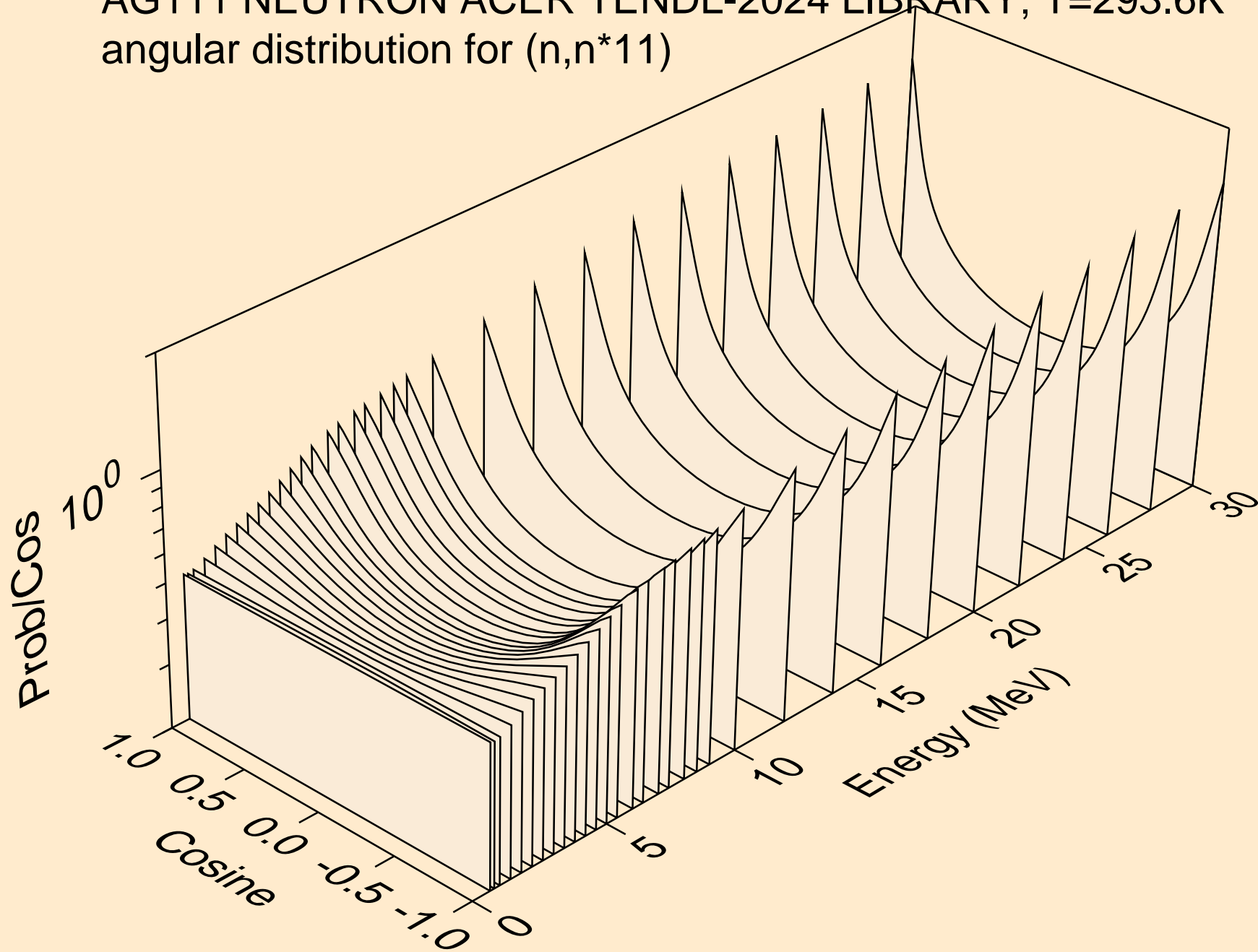
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



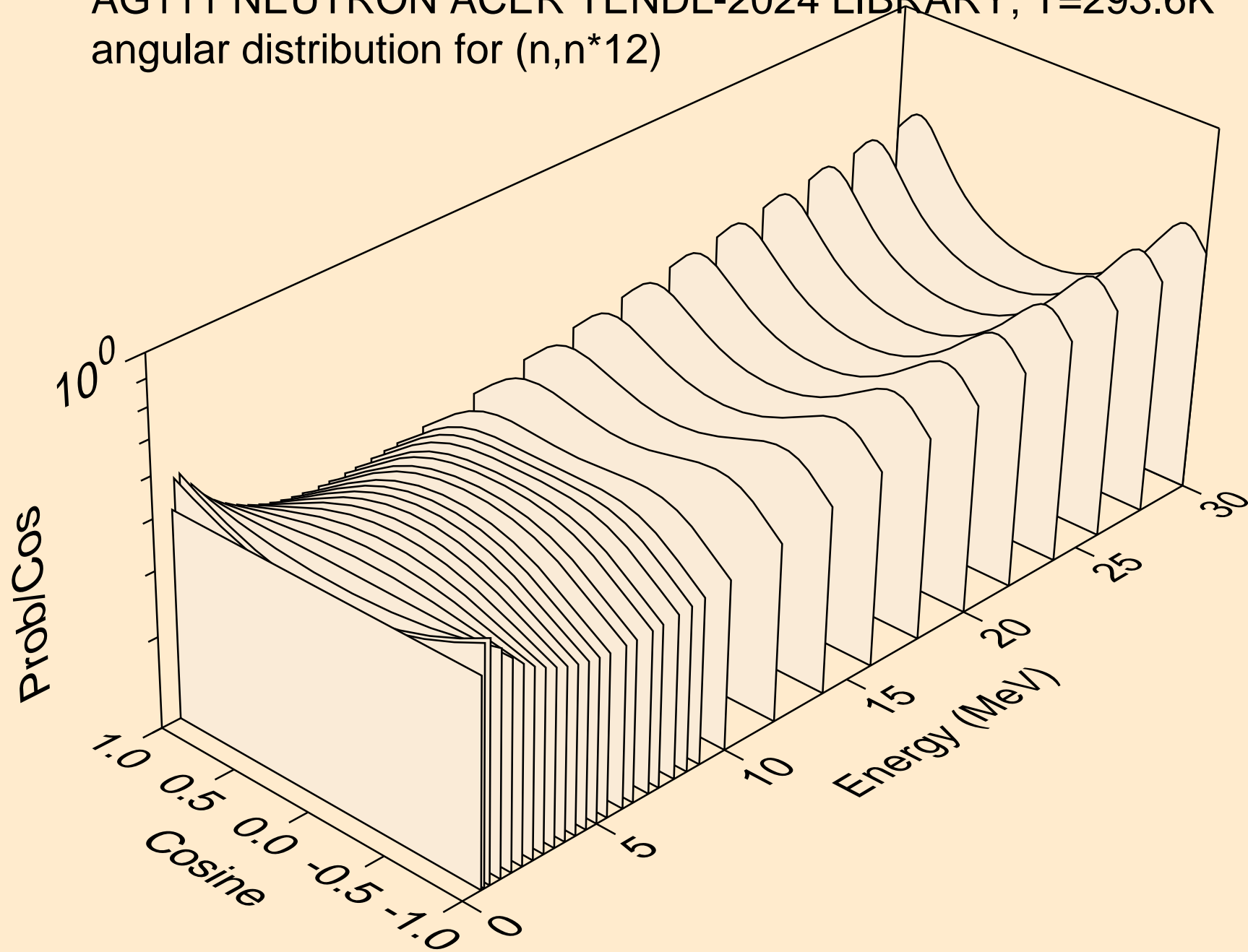
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



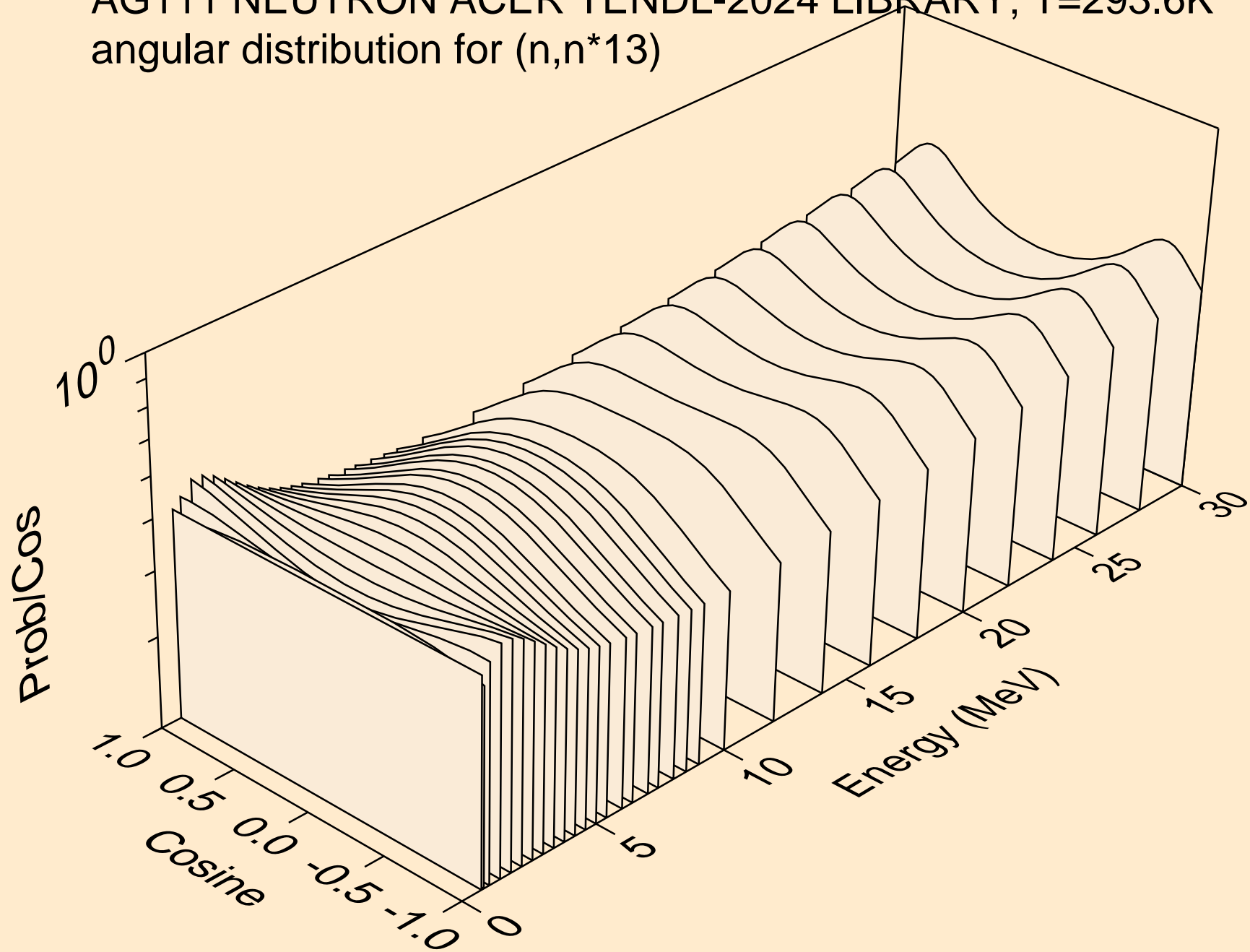
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



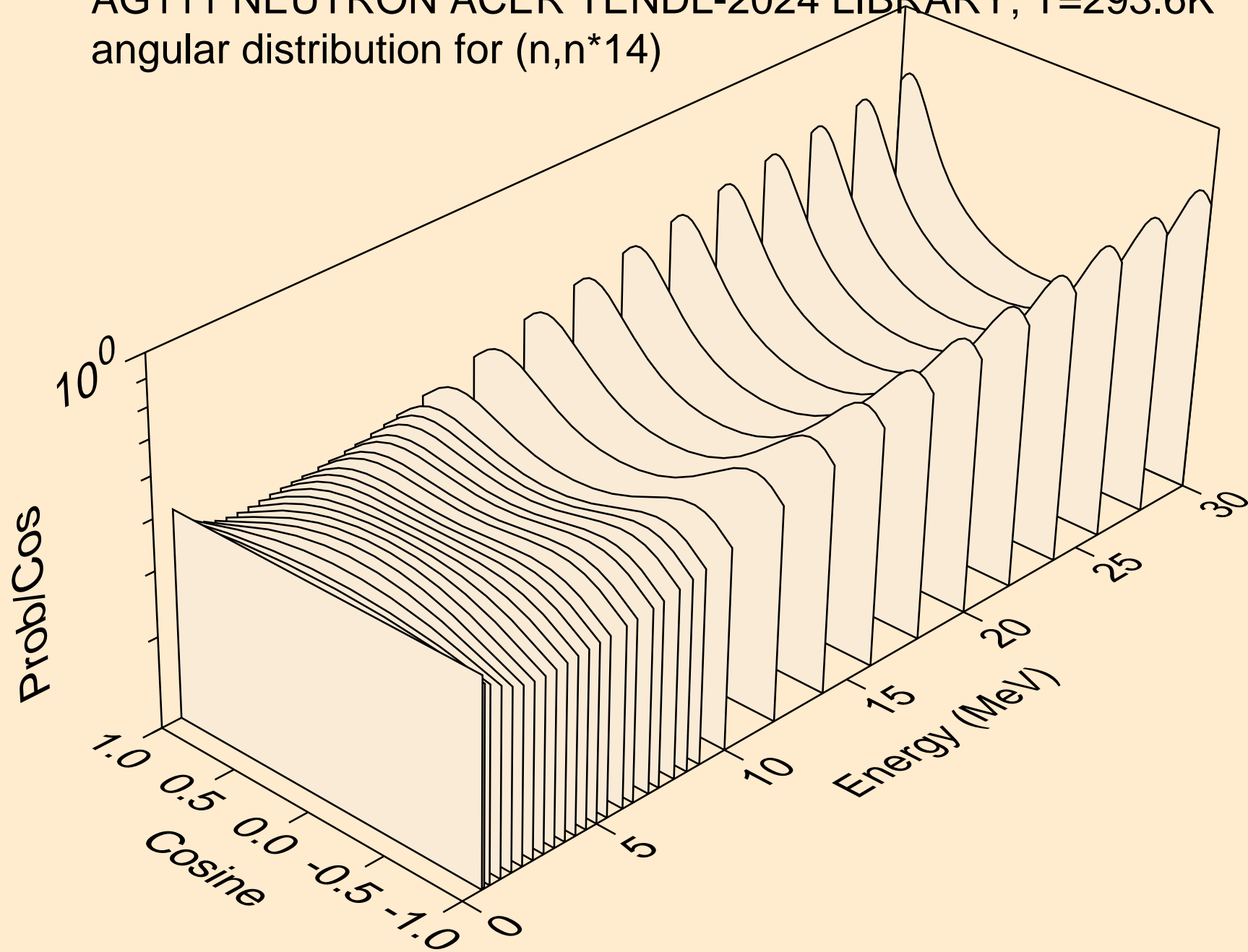
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



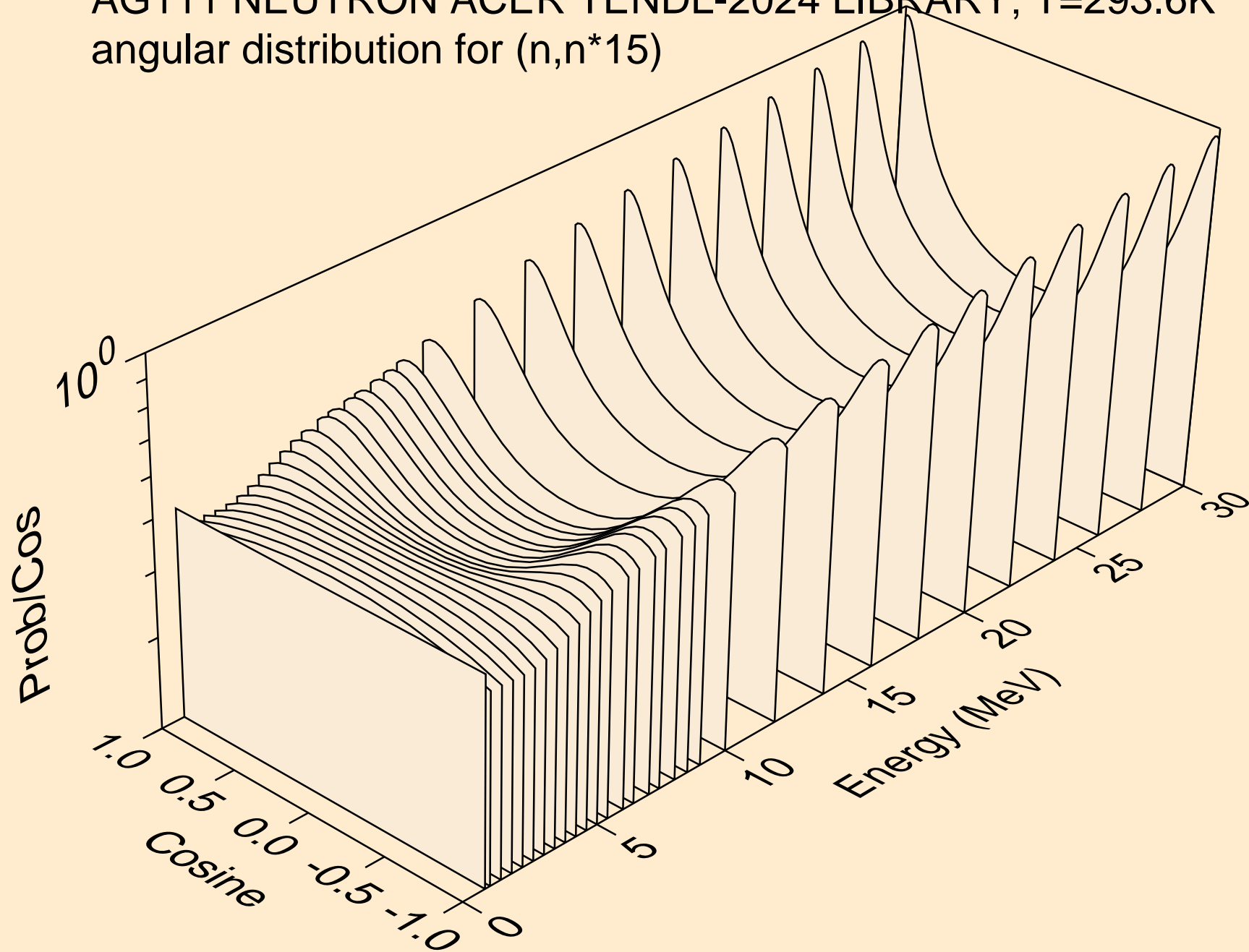
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)



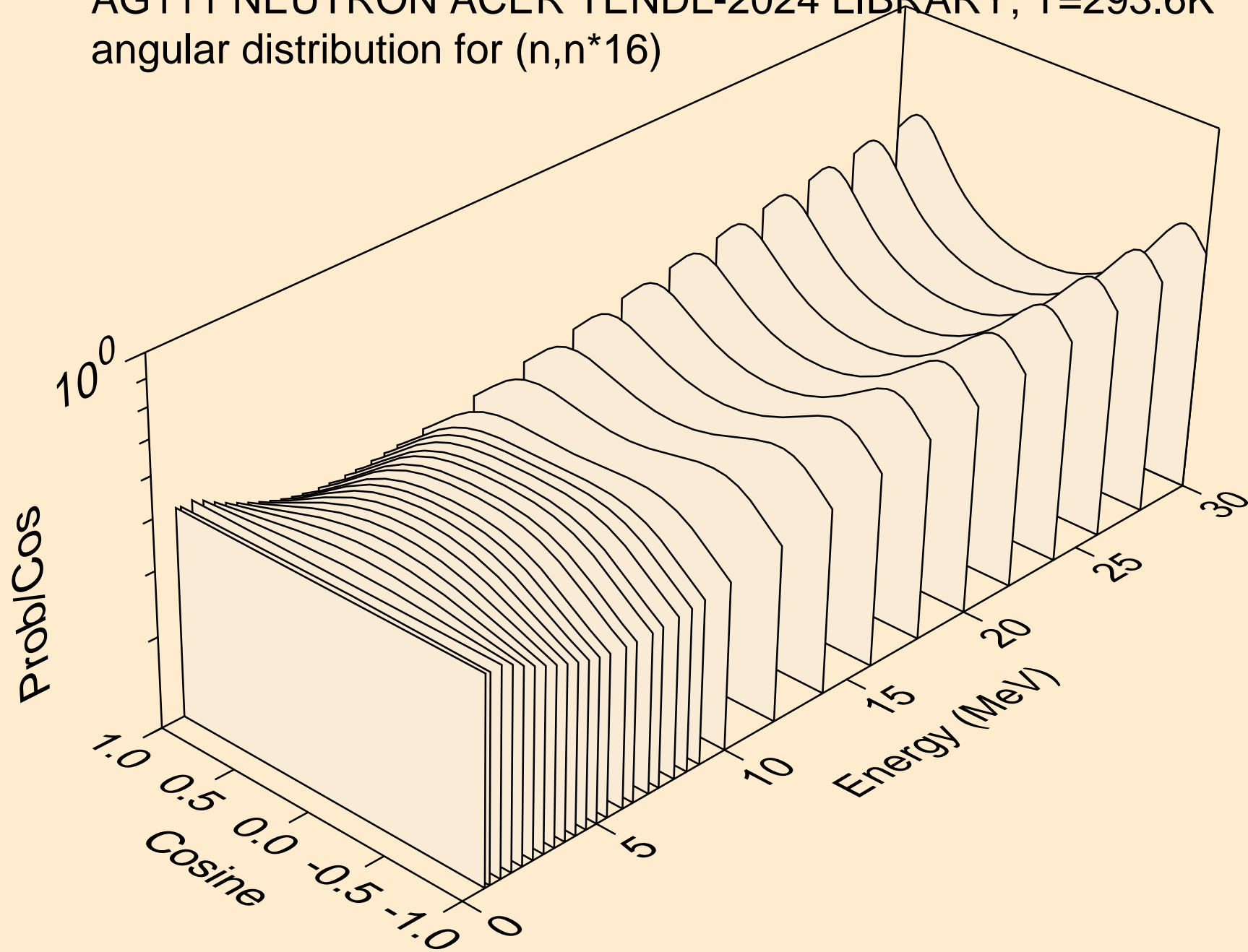
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)



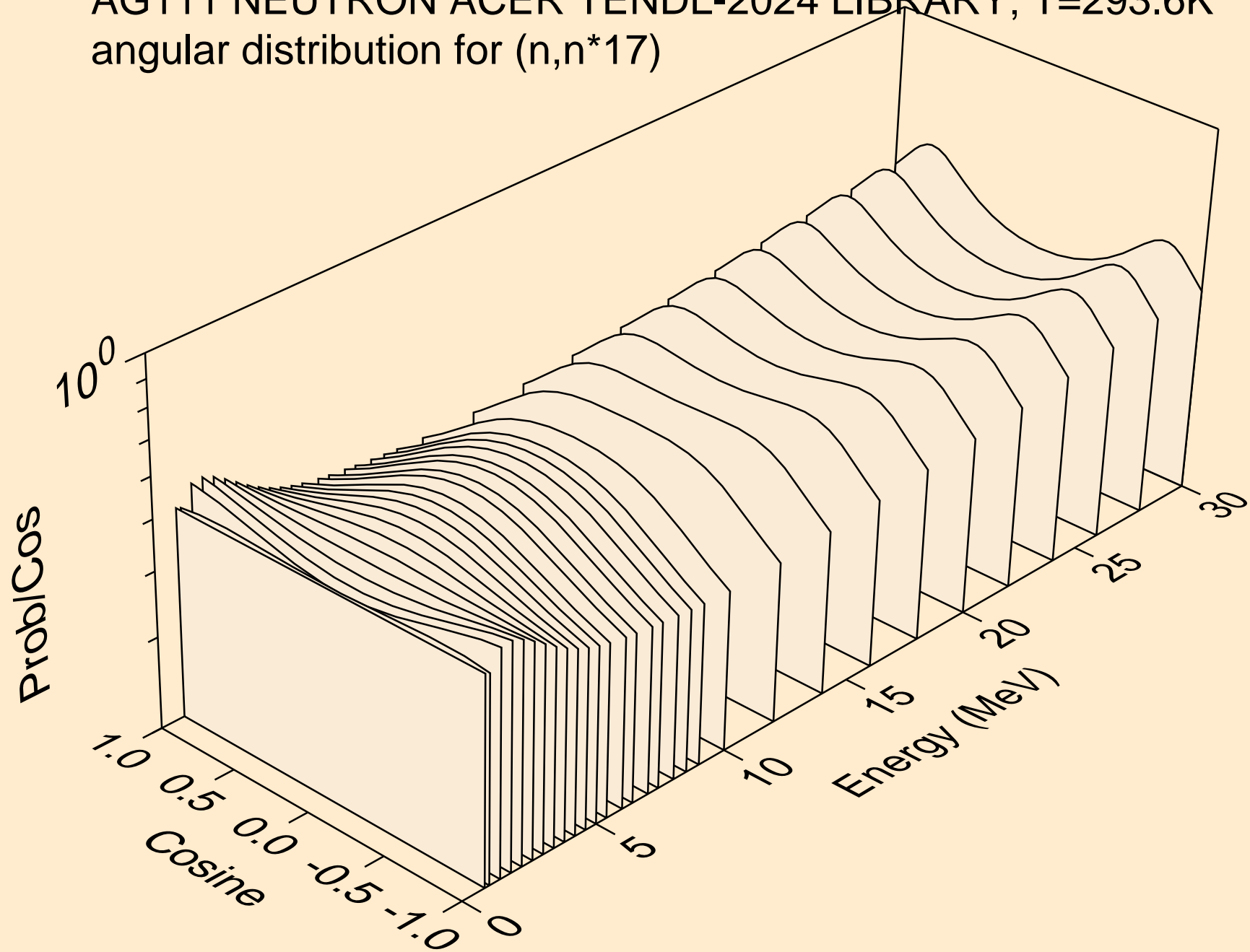
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



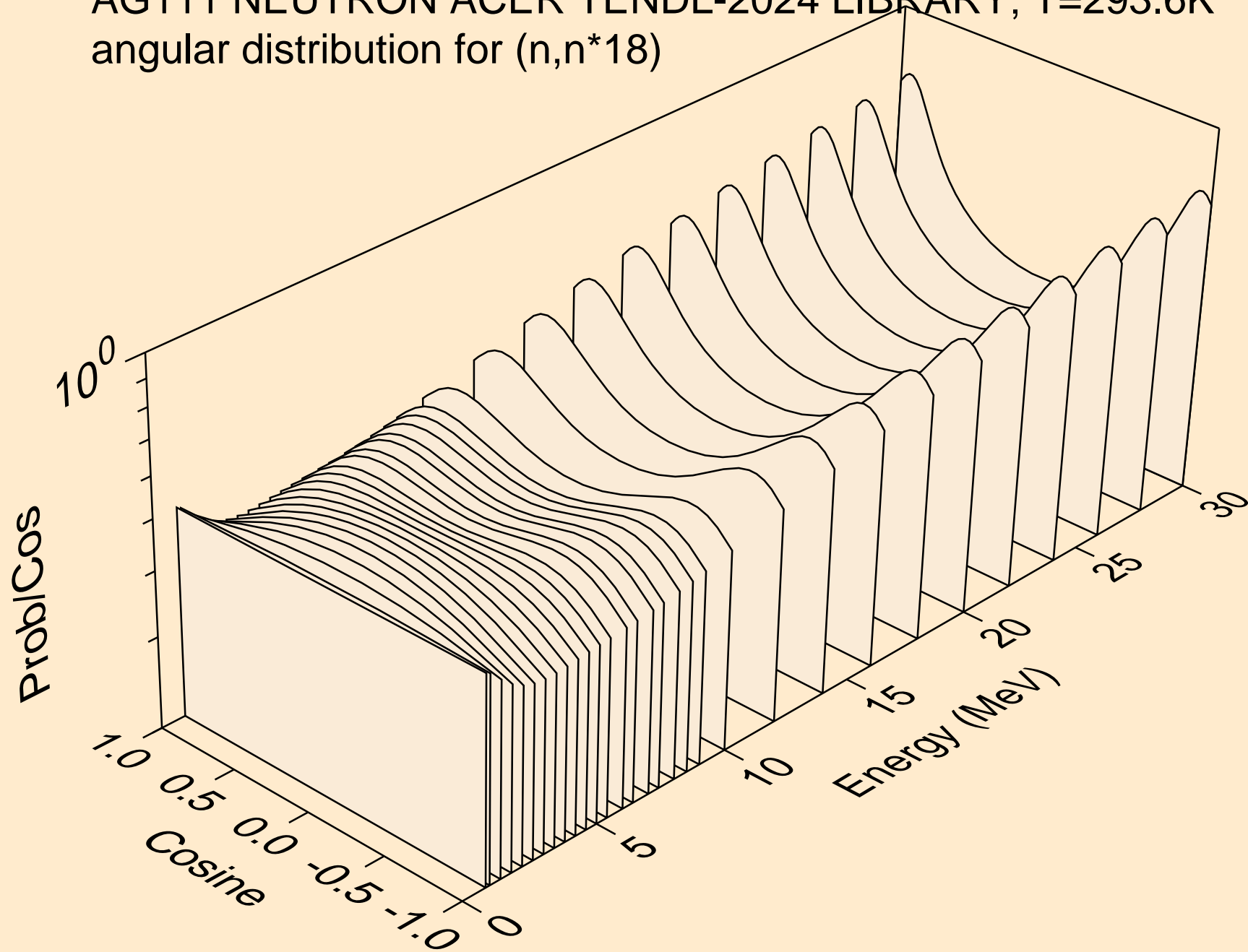
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)



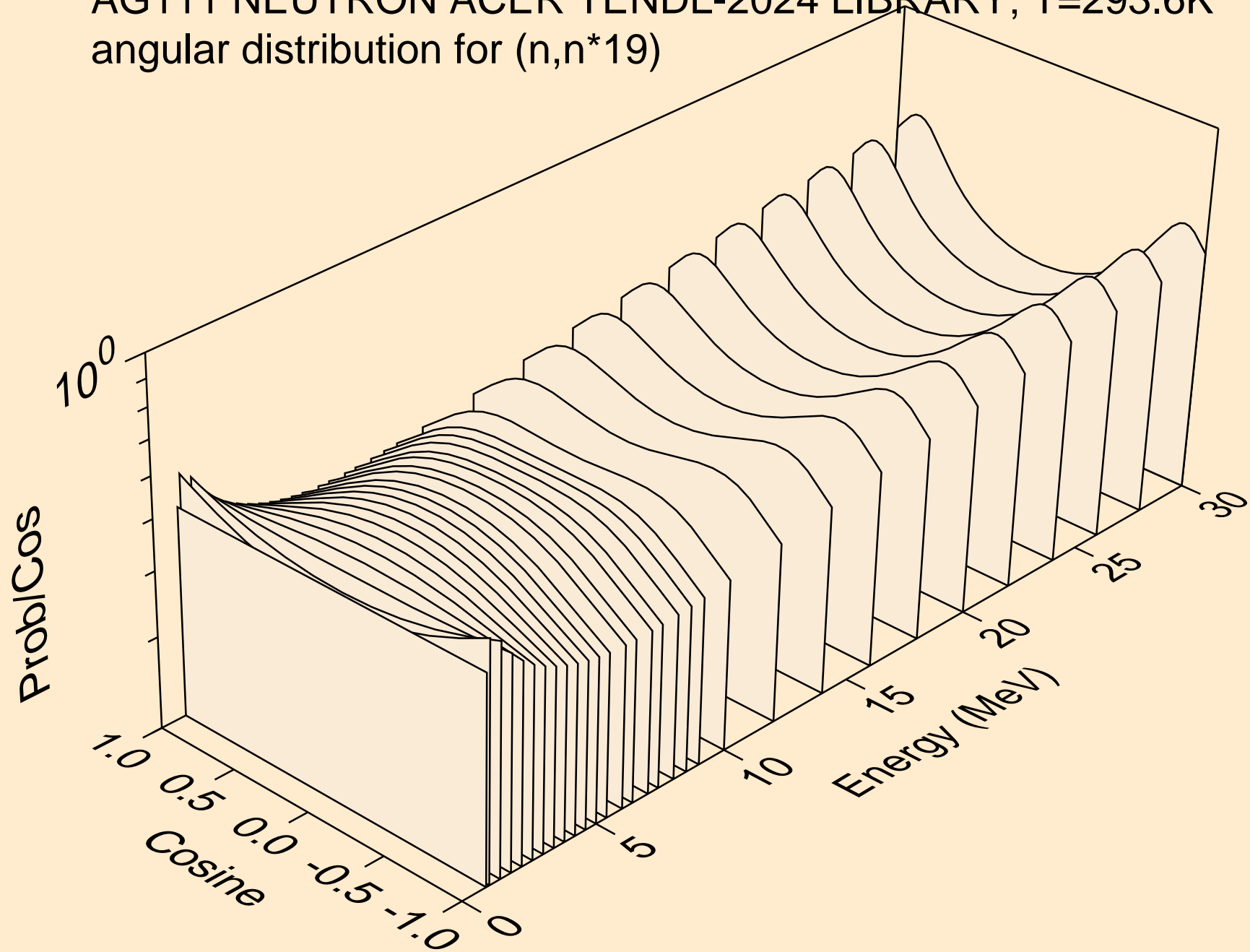
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



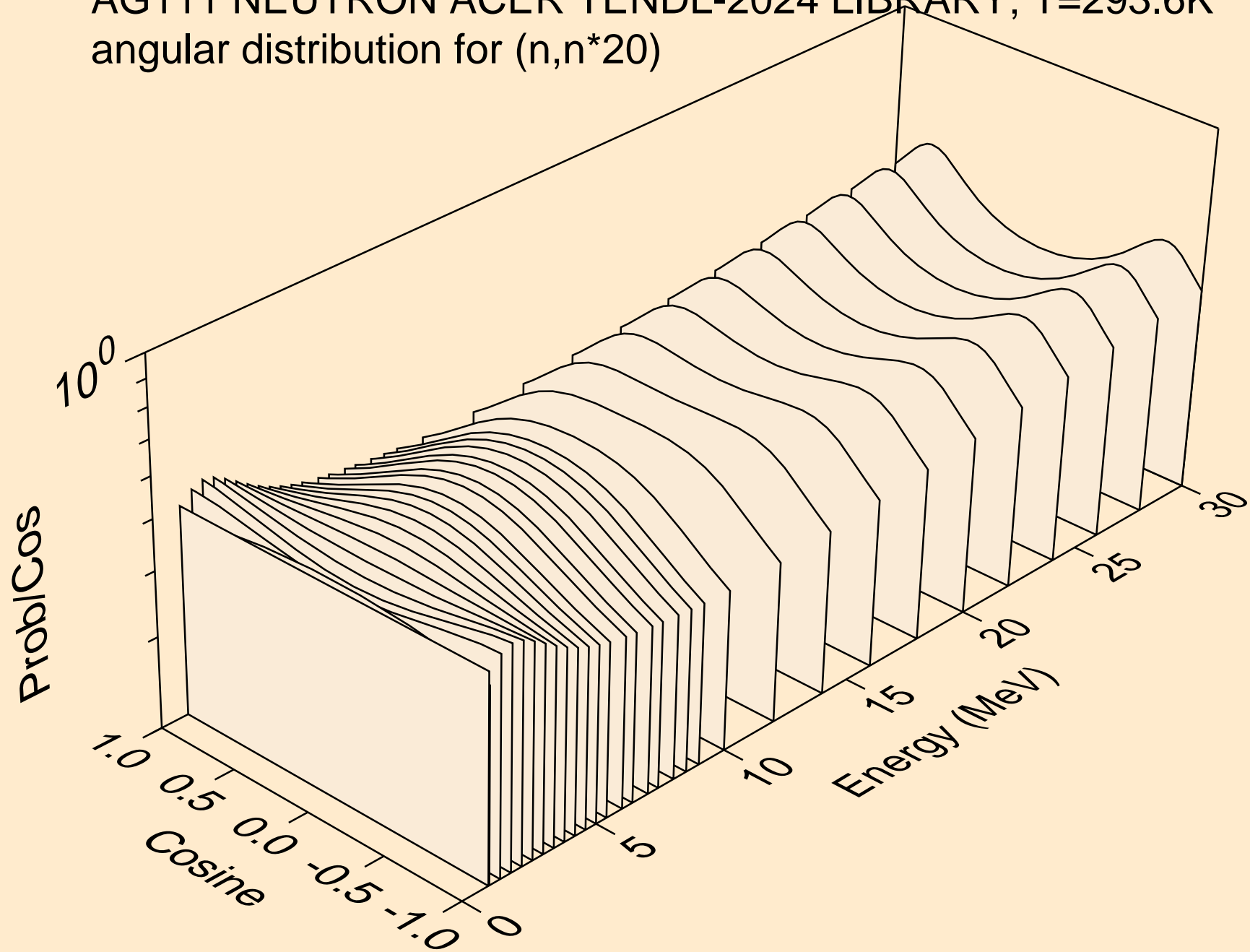
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)



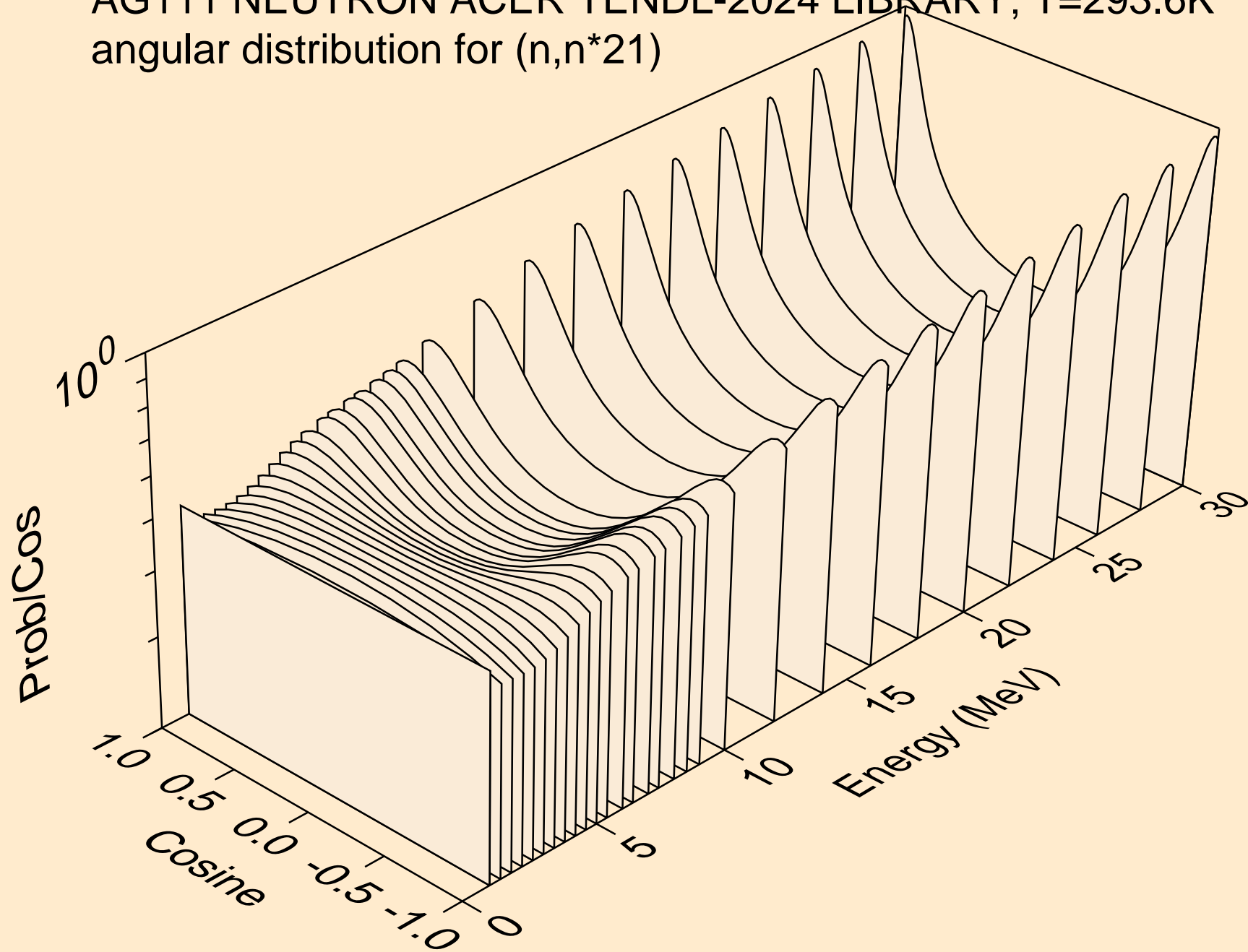
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



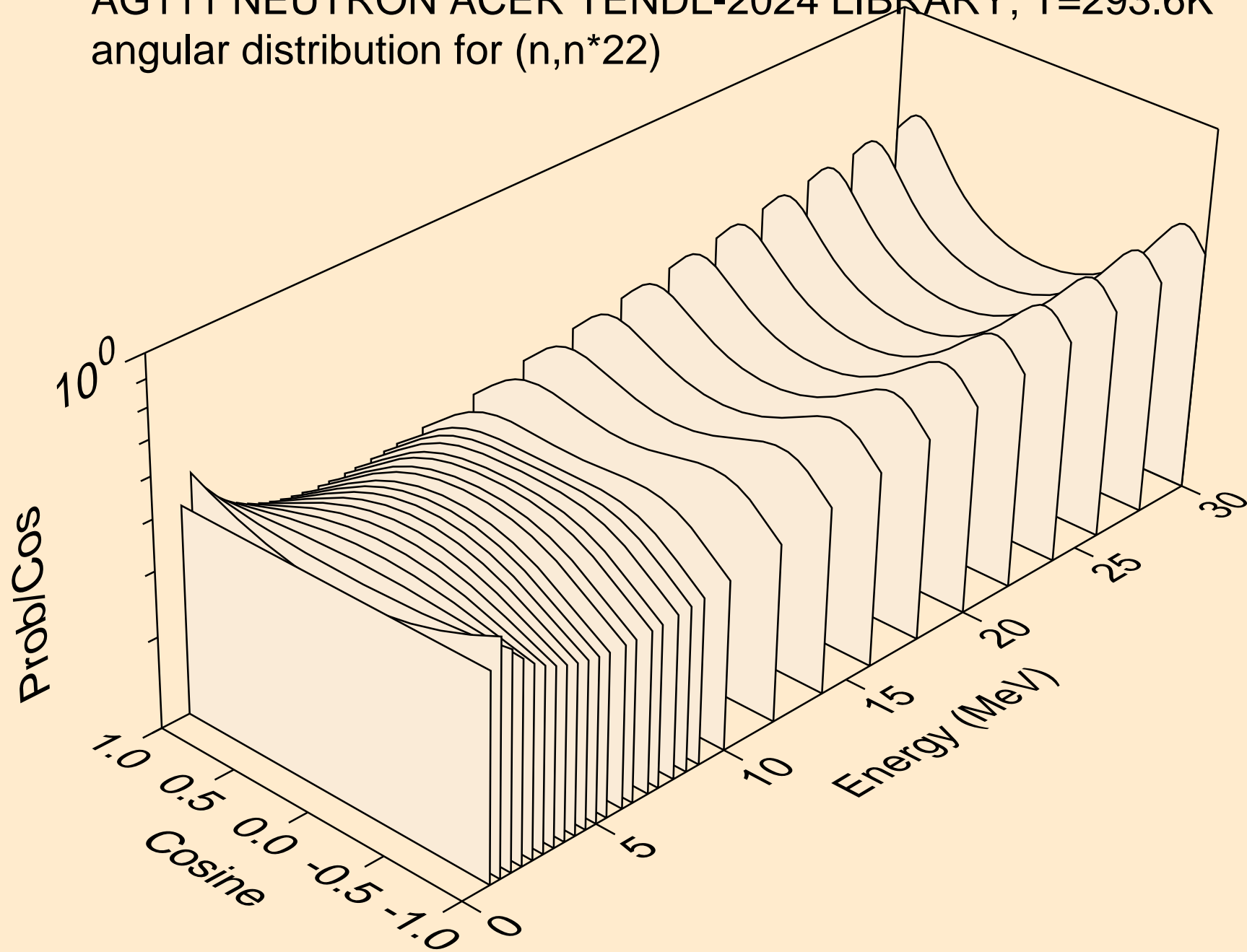
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



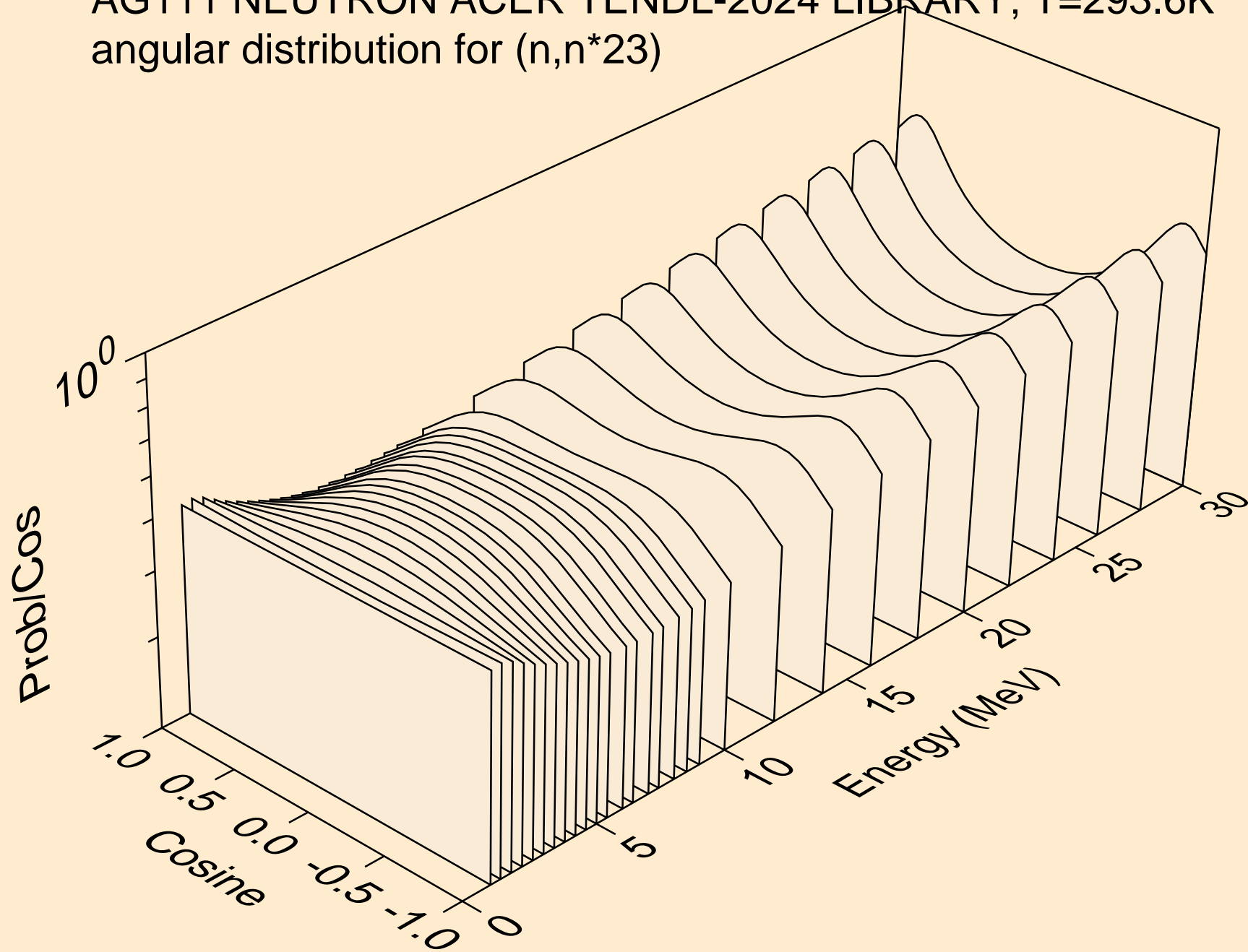
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)



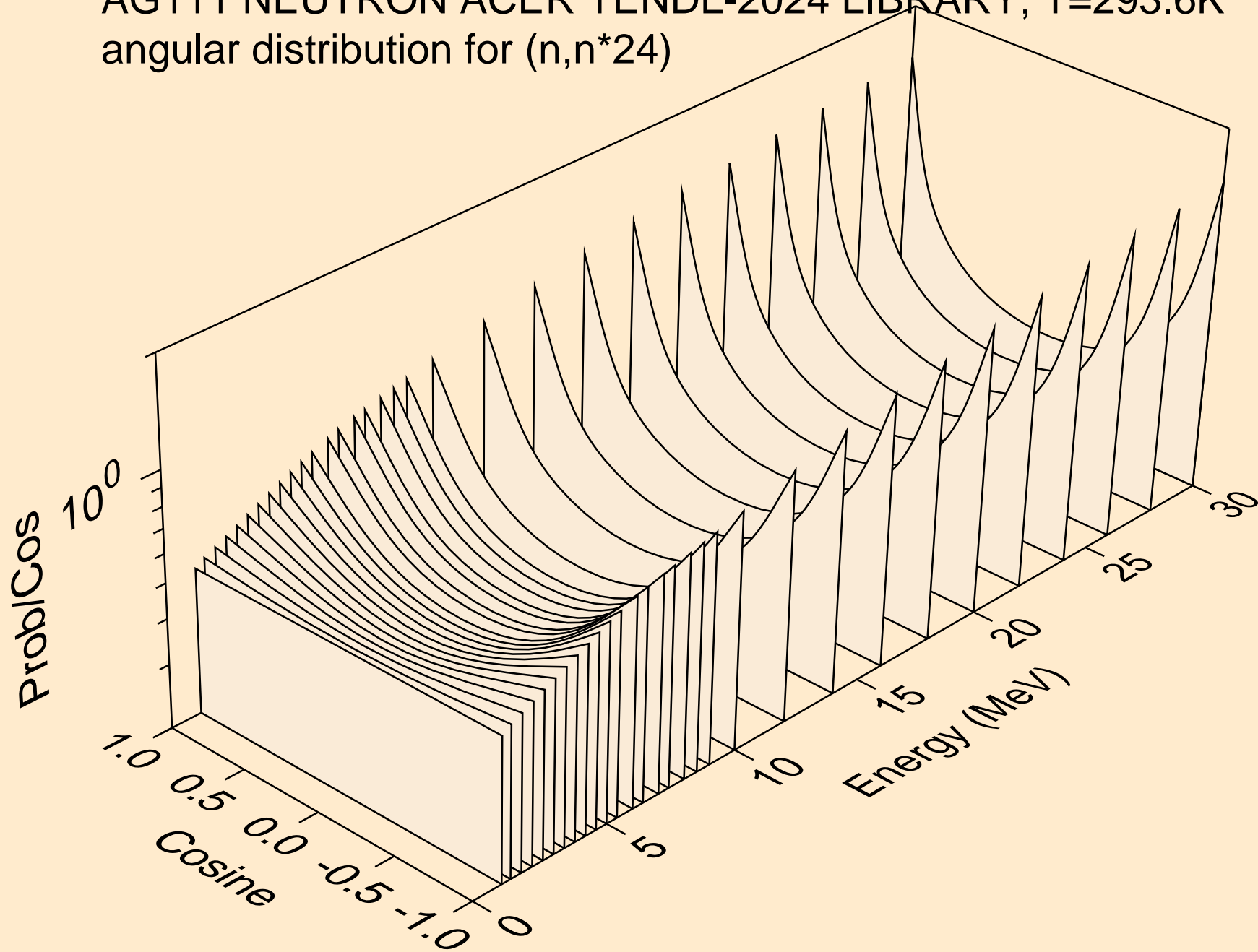
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)



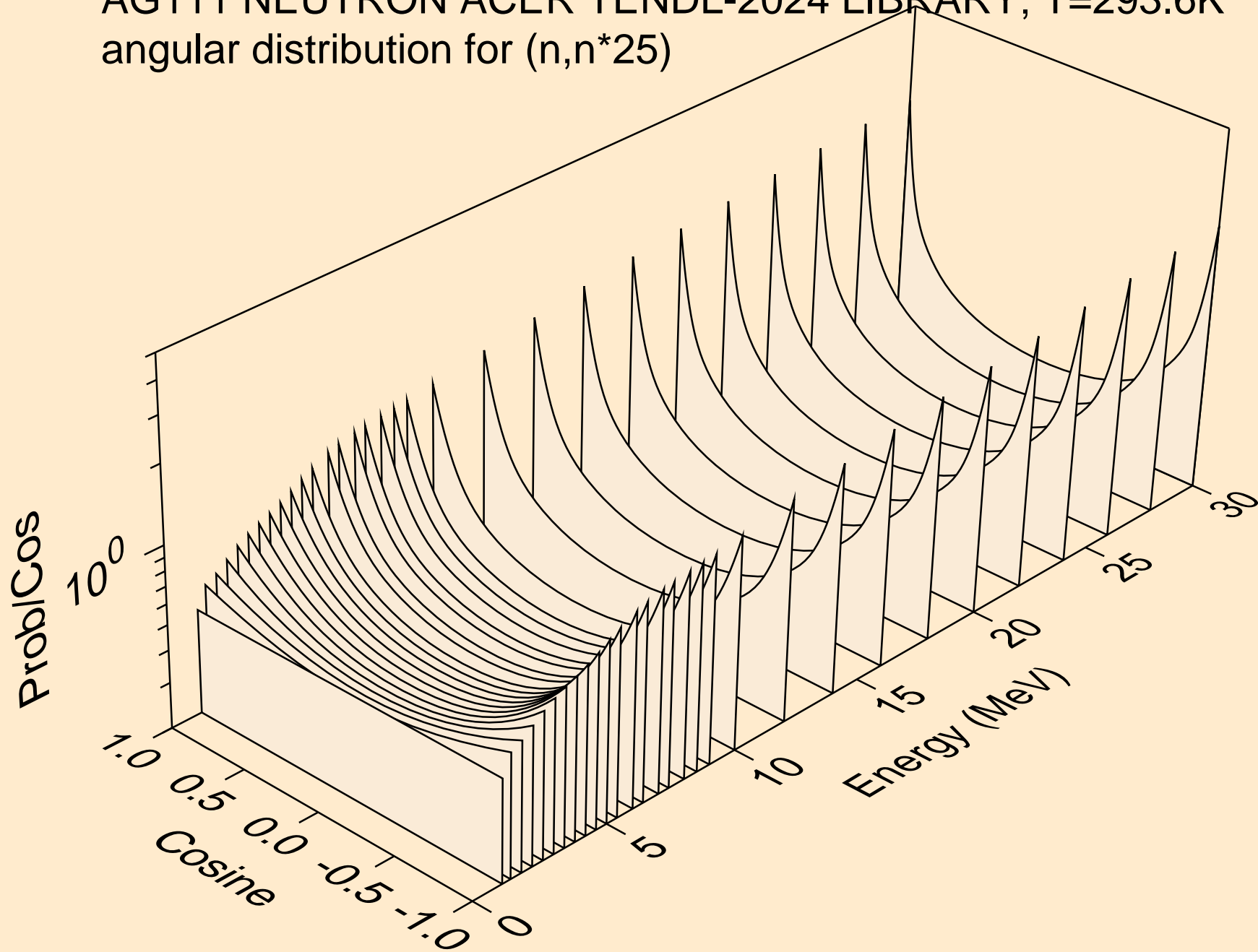
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



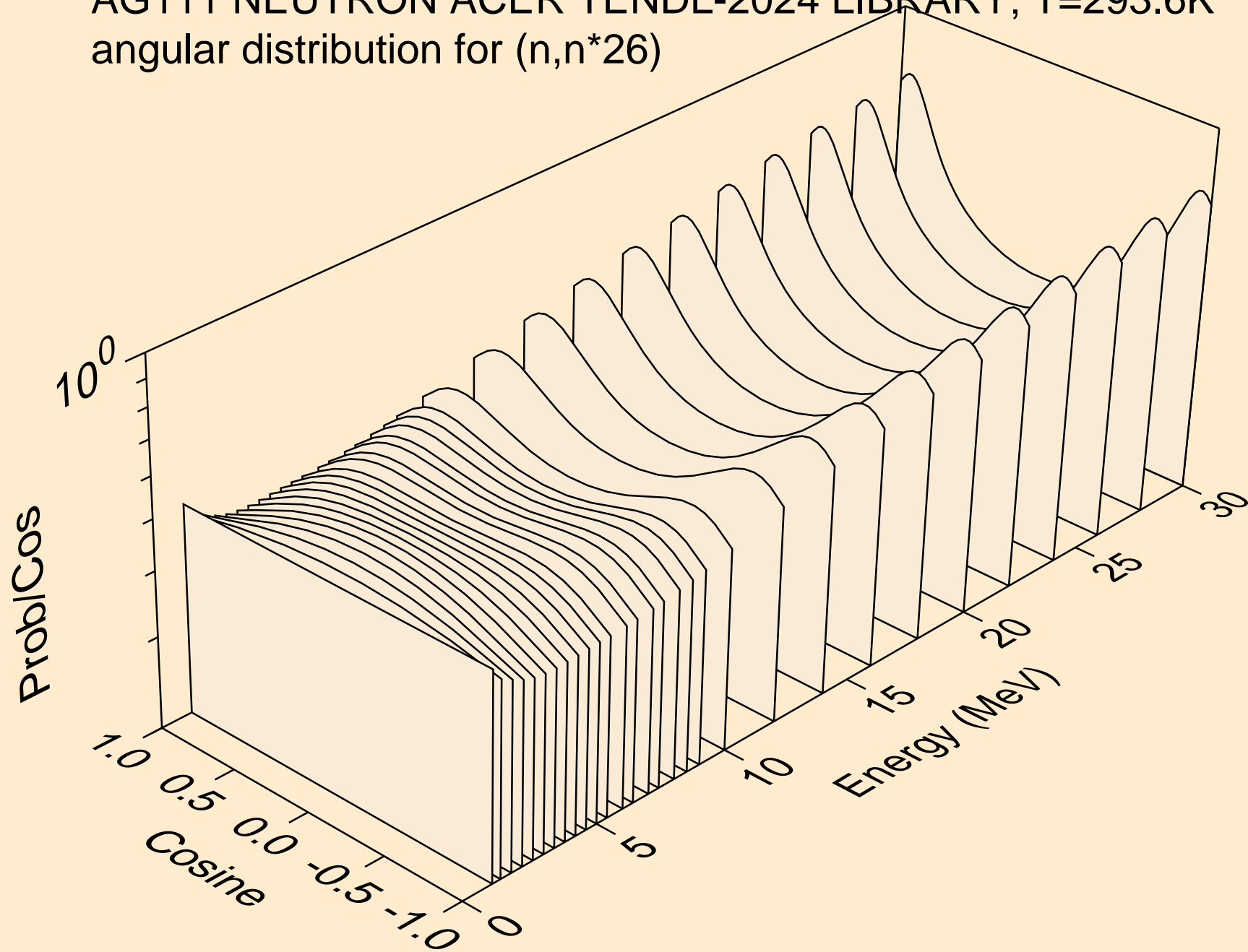
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)



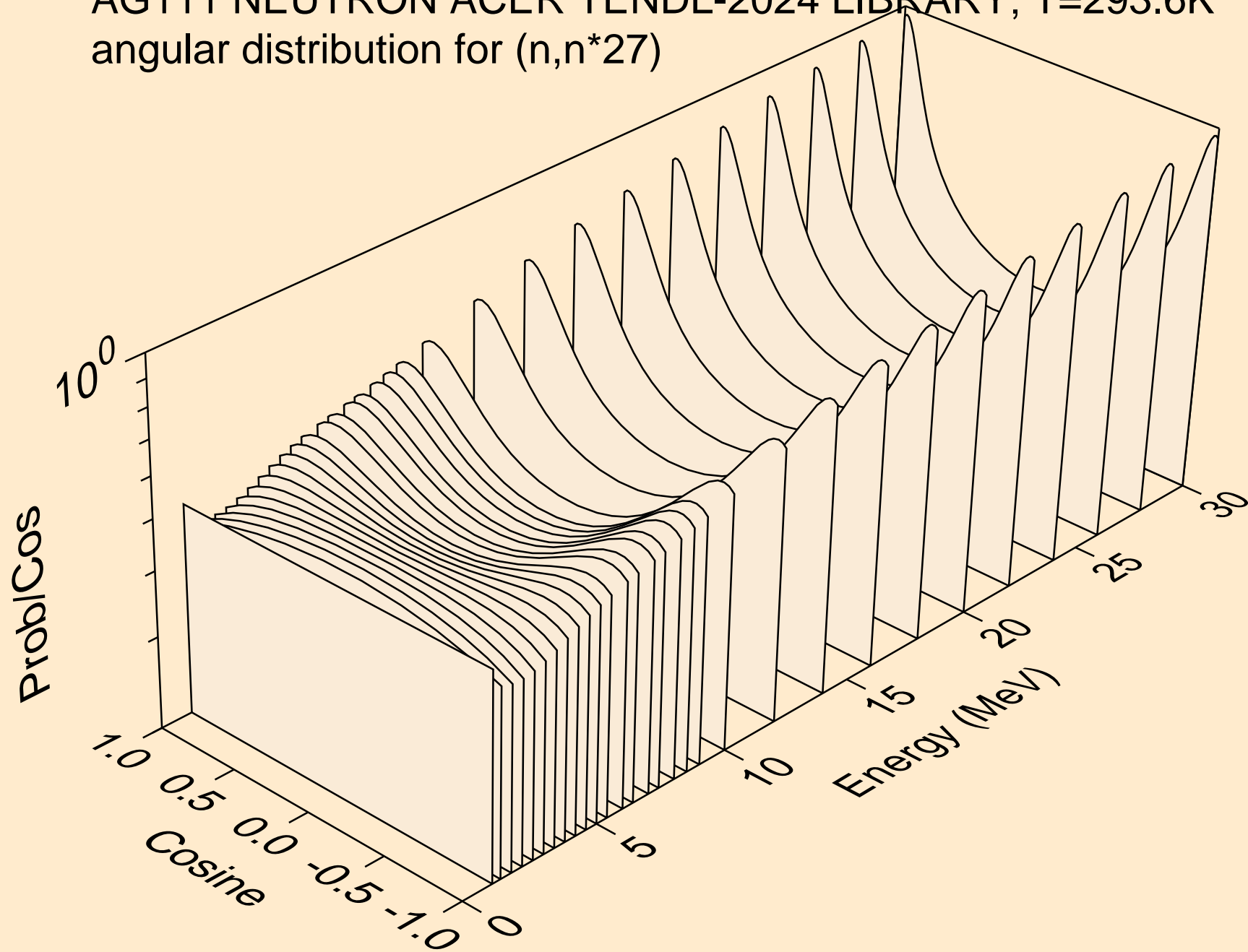
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



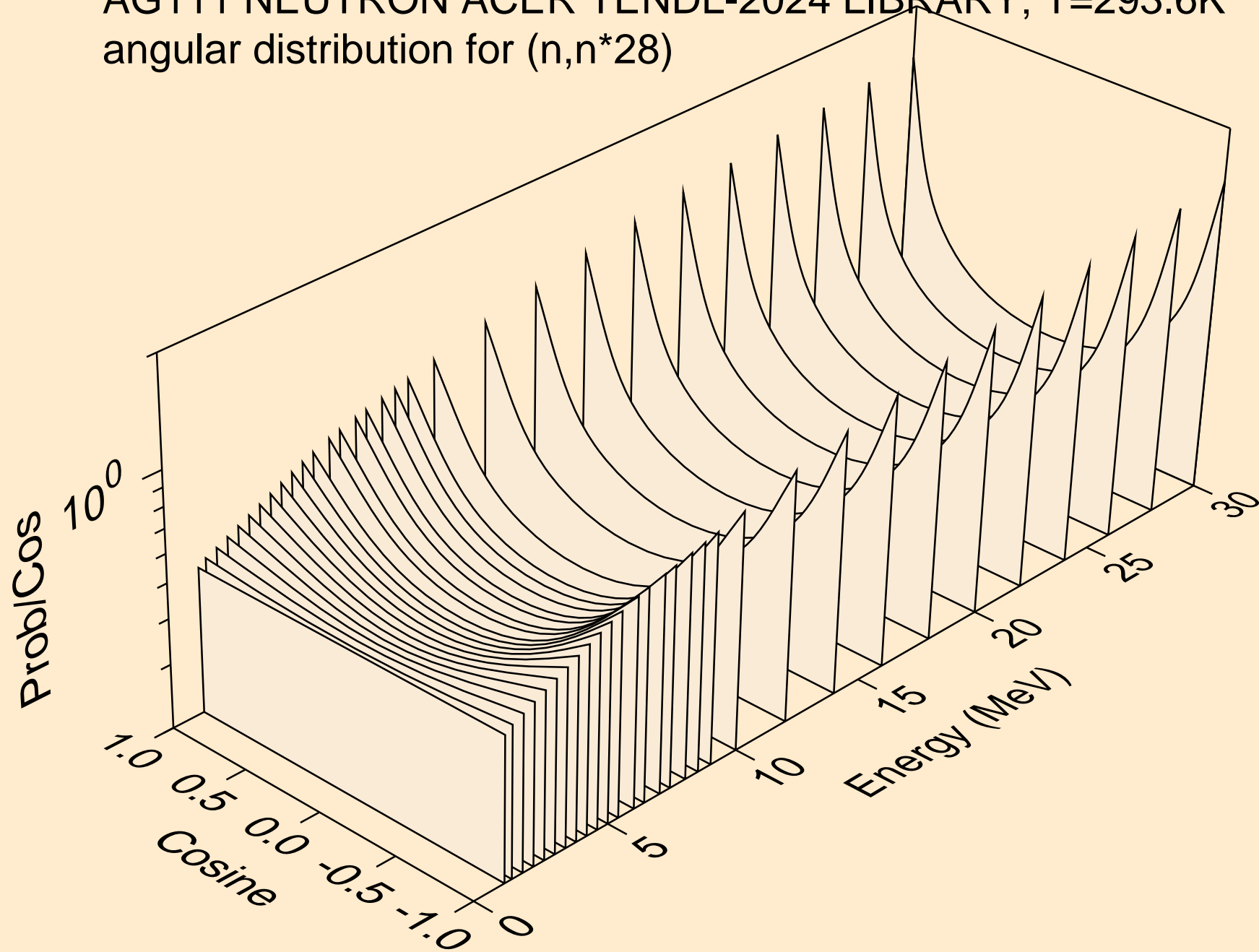
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



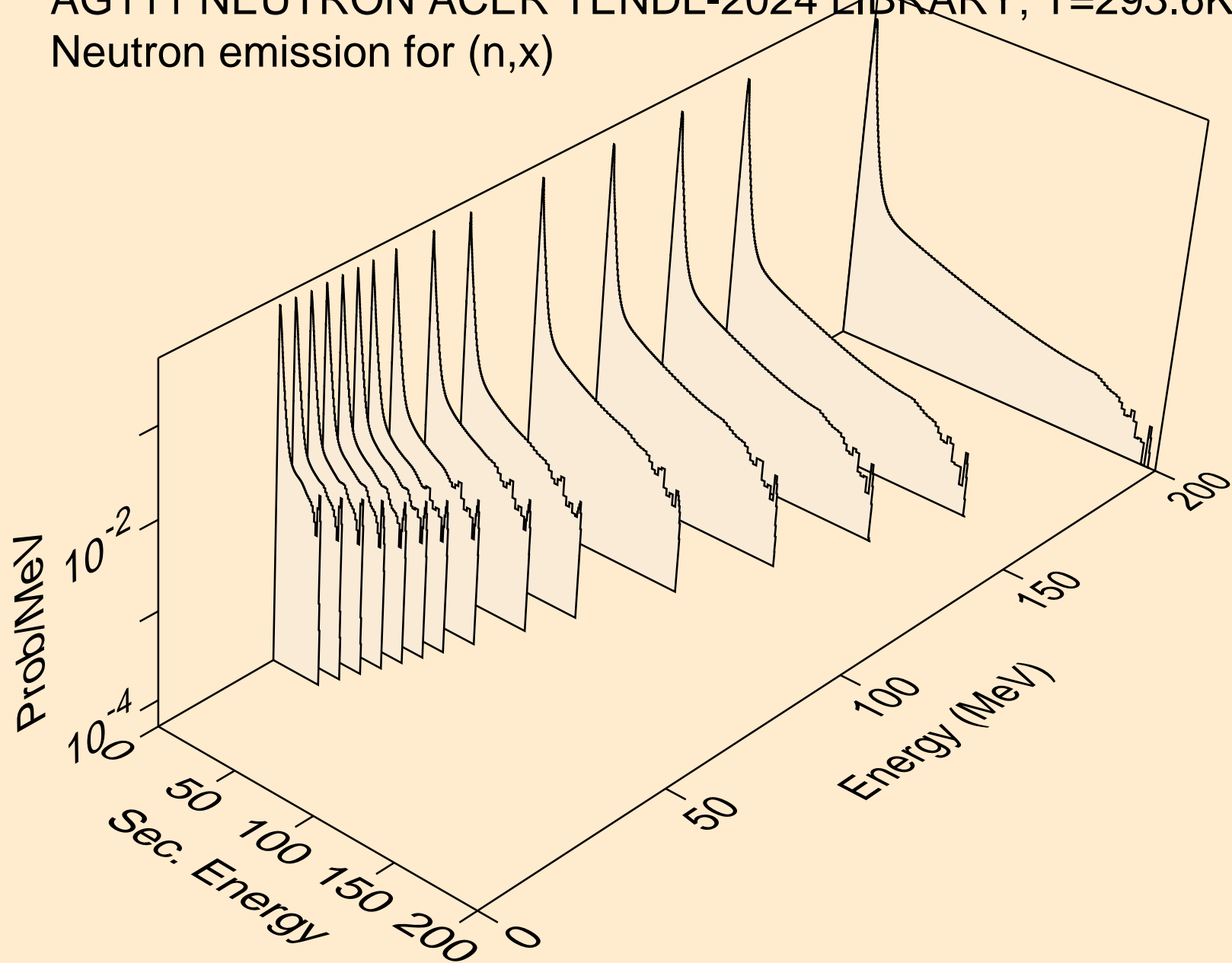
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



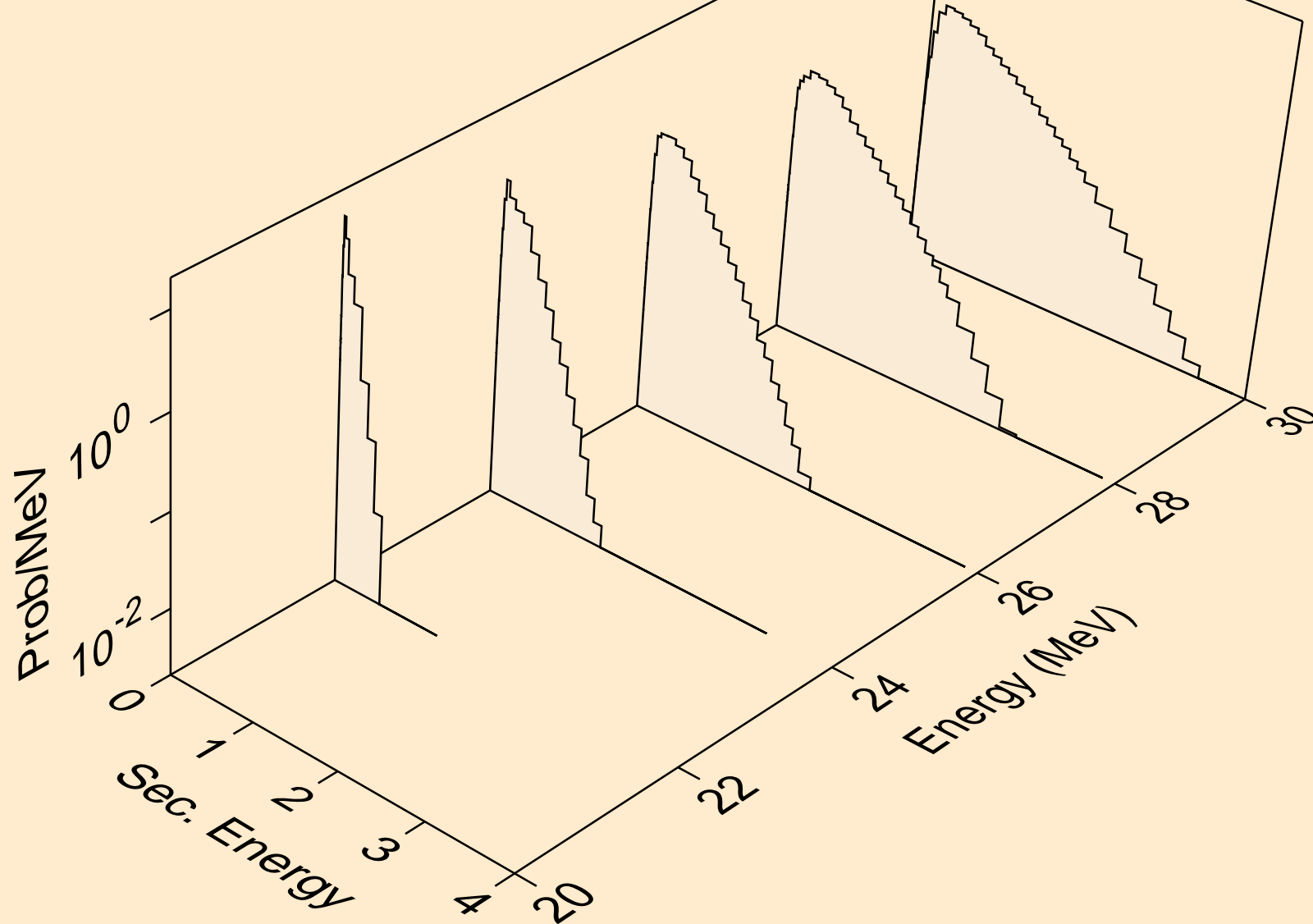
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



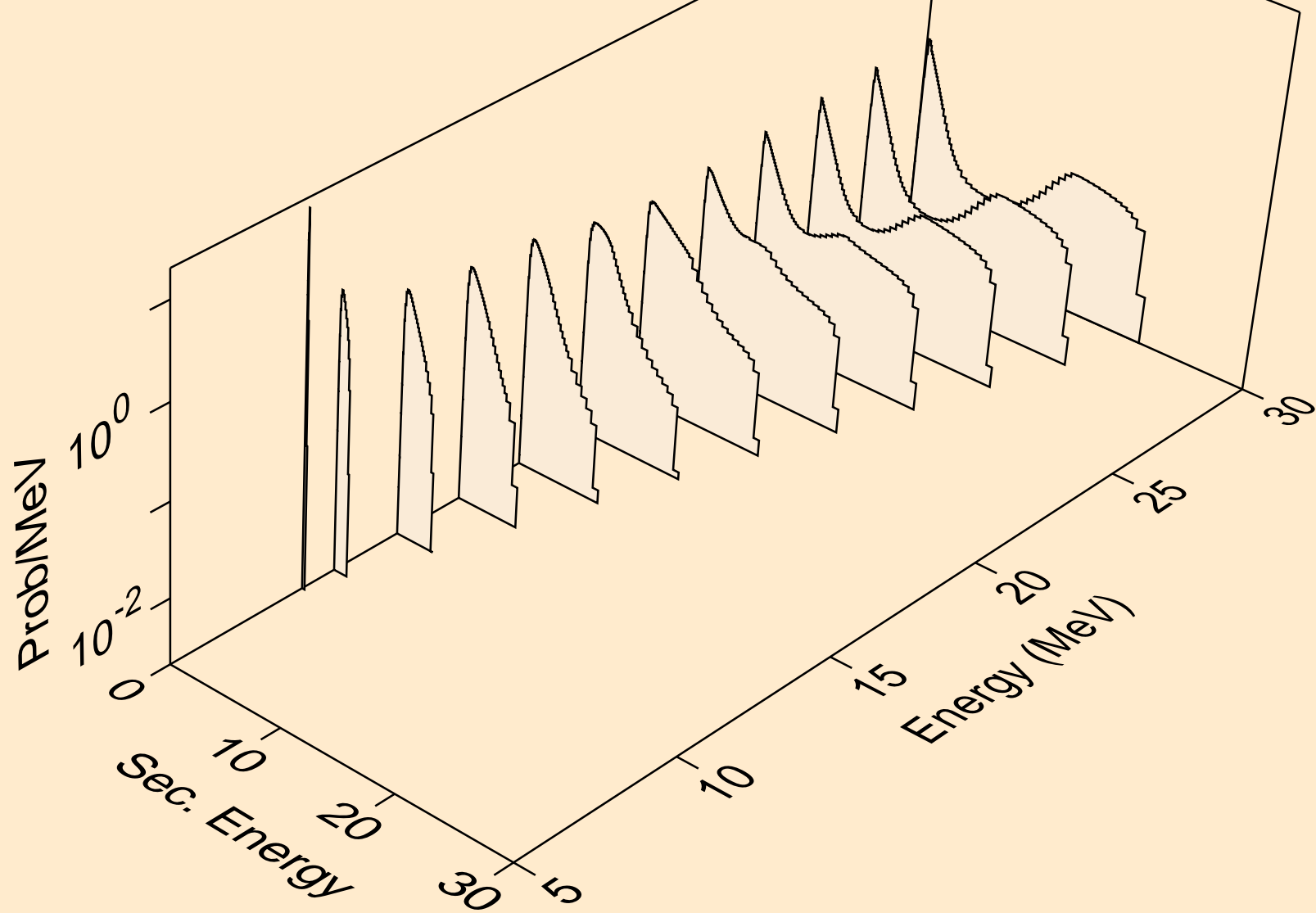
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



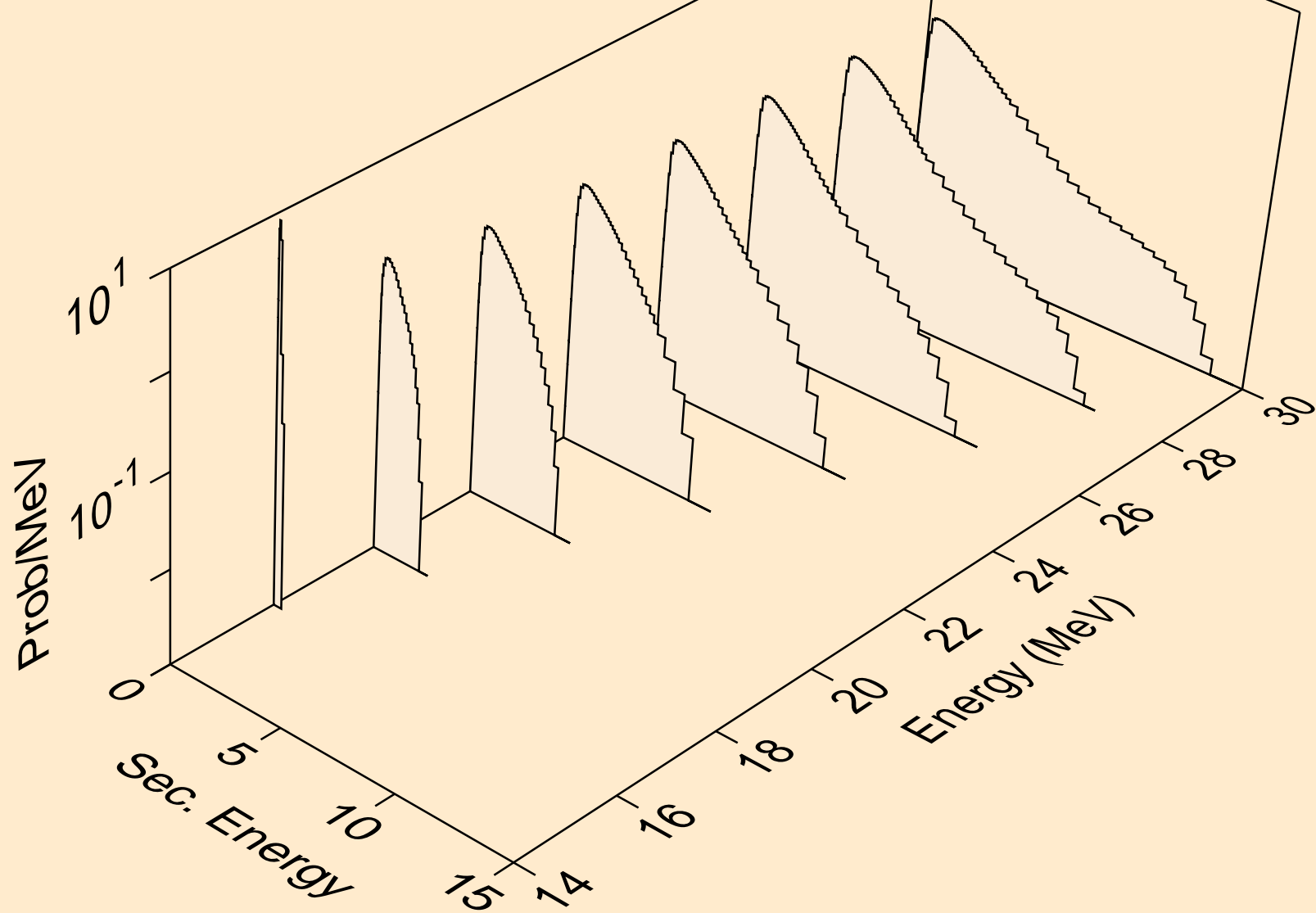
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



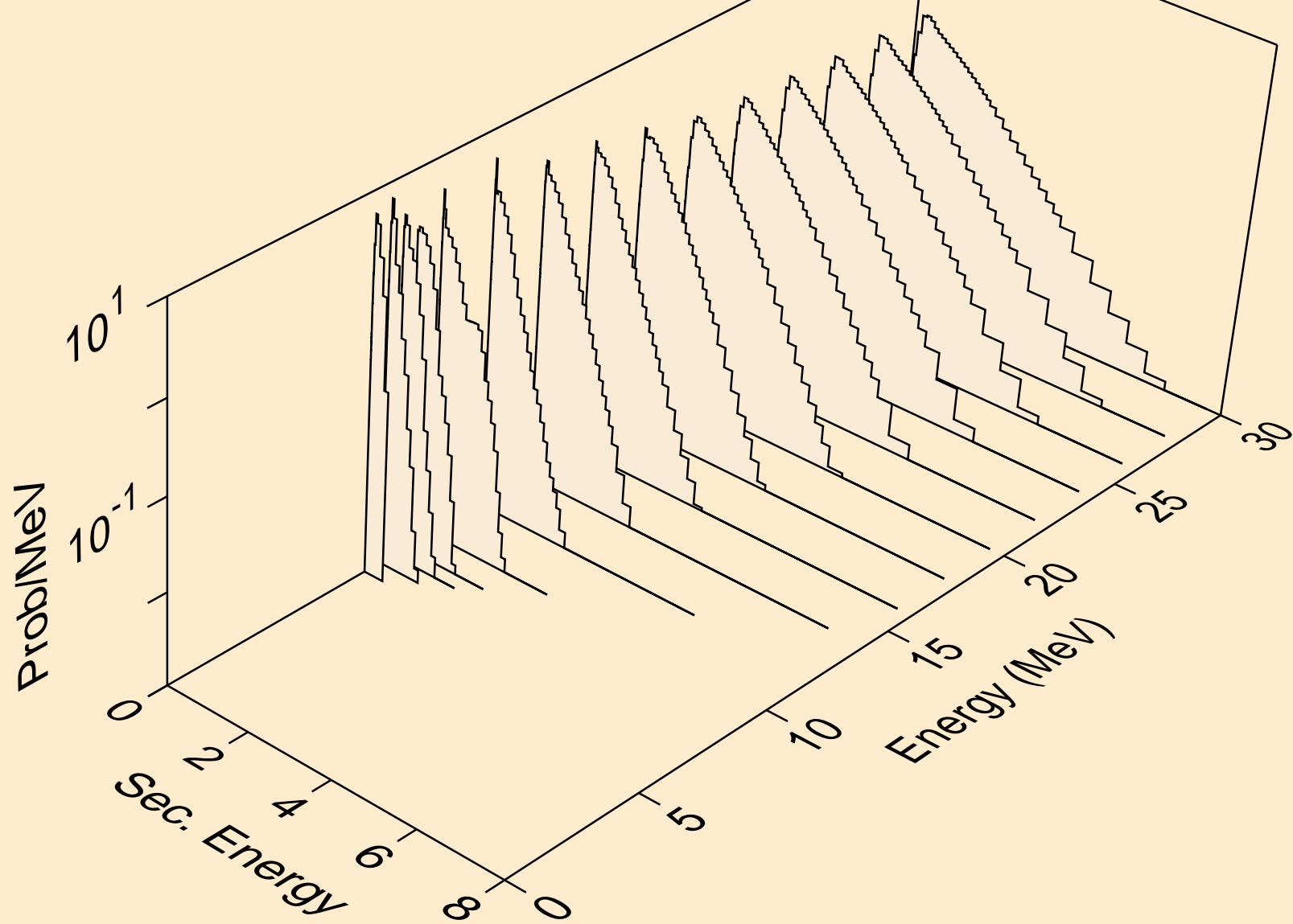
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



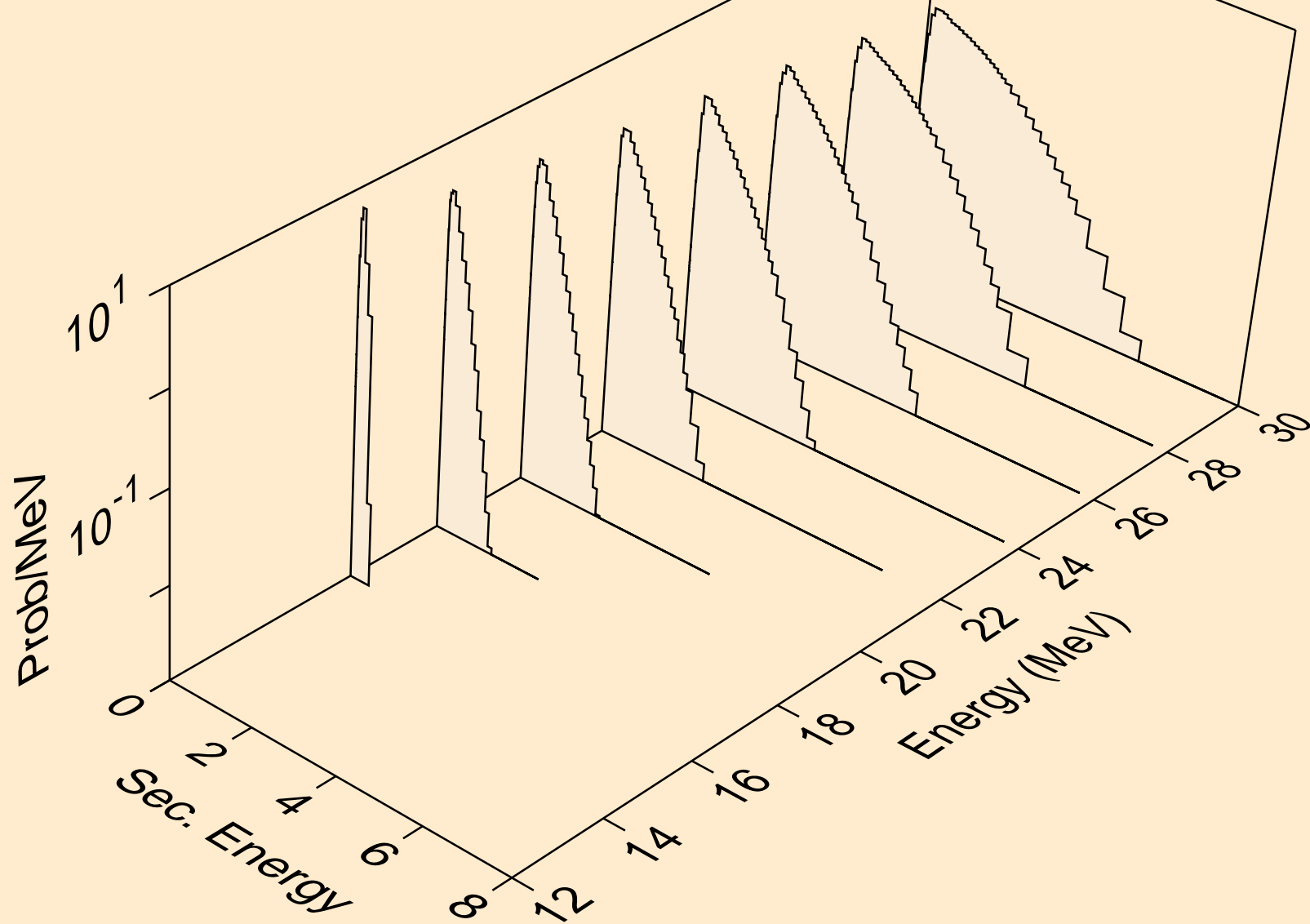
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



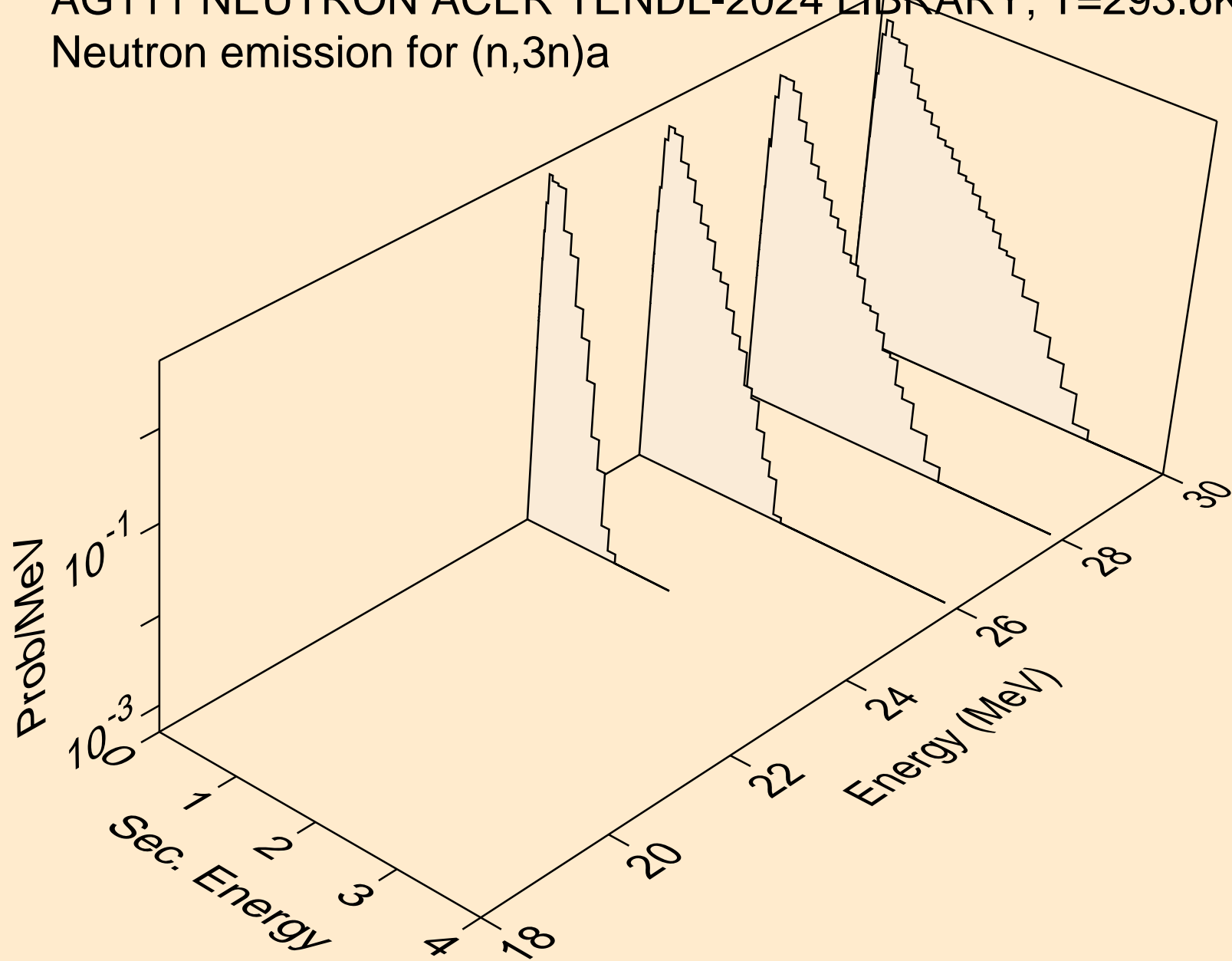
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



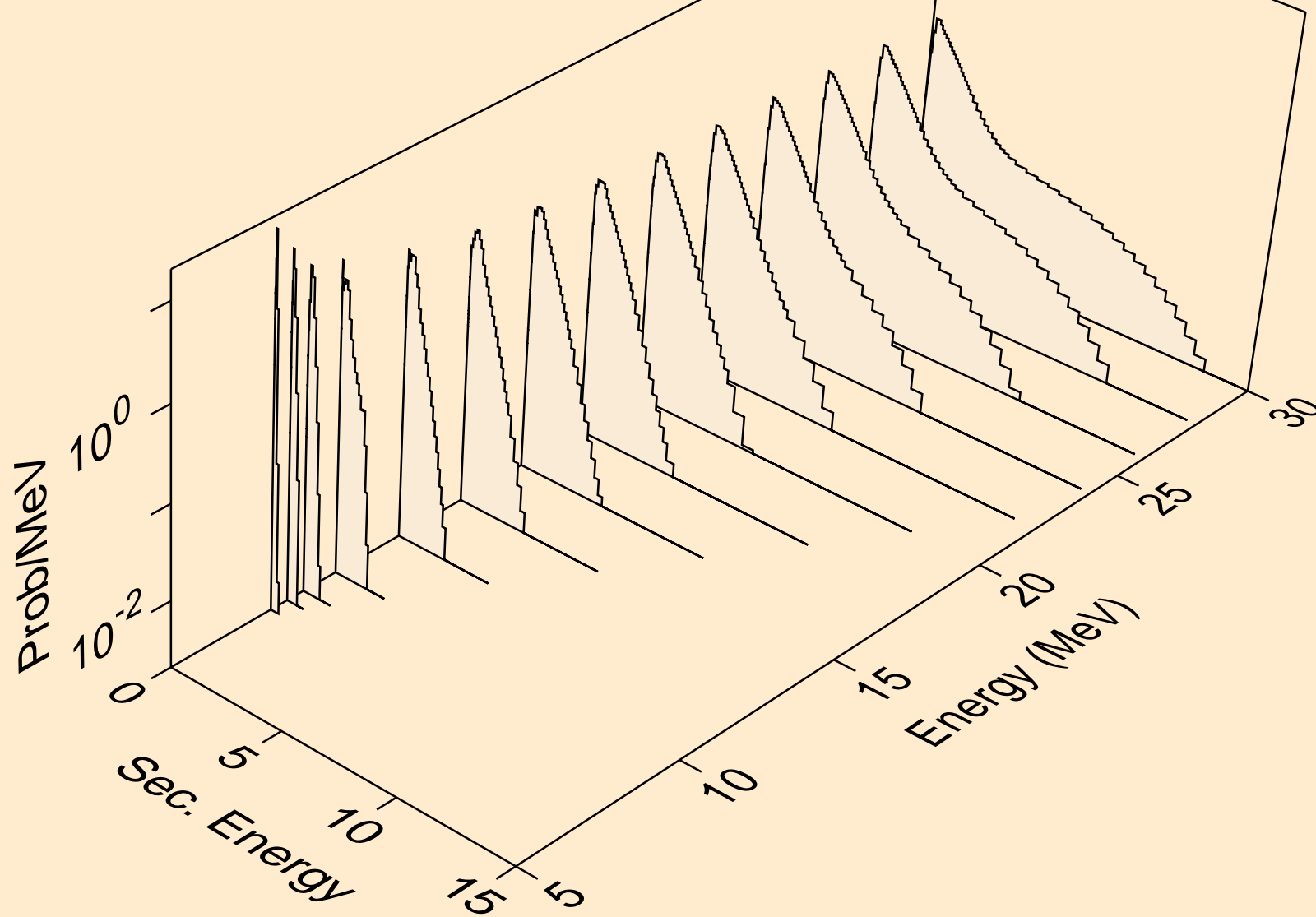
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



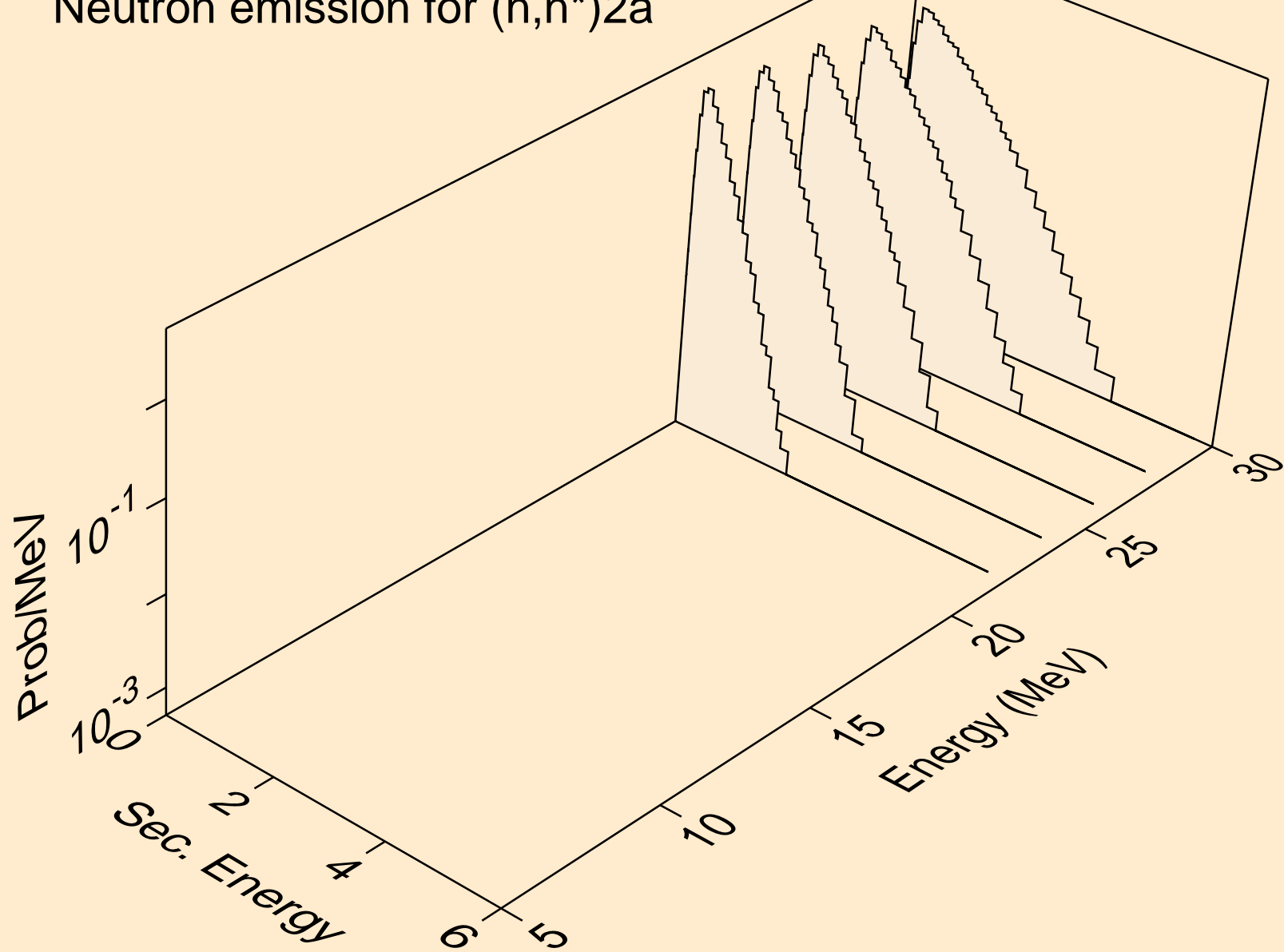
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



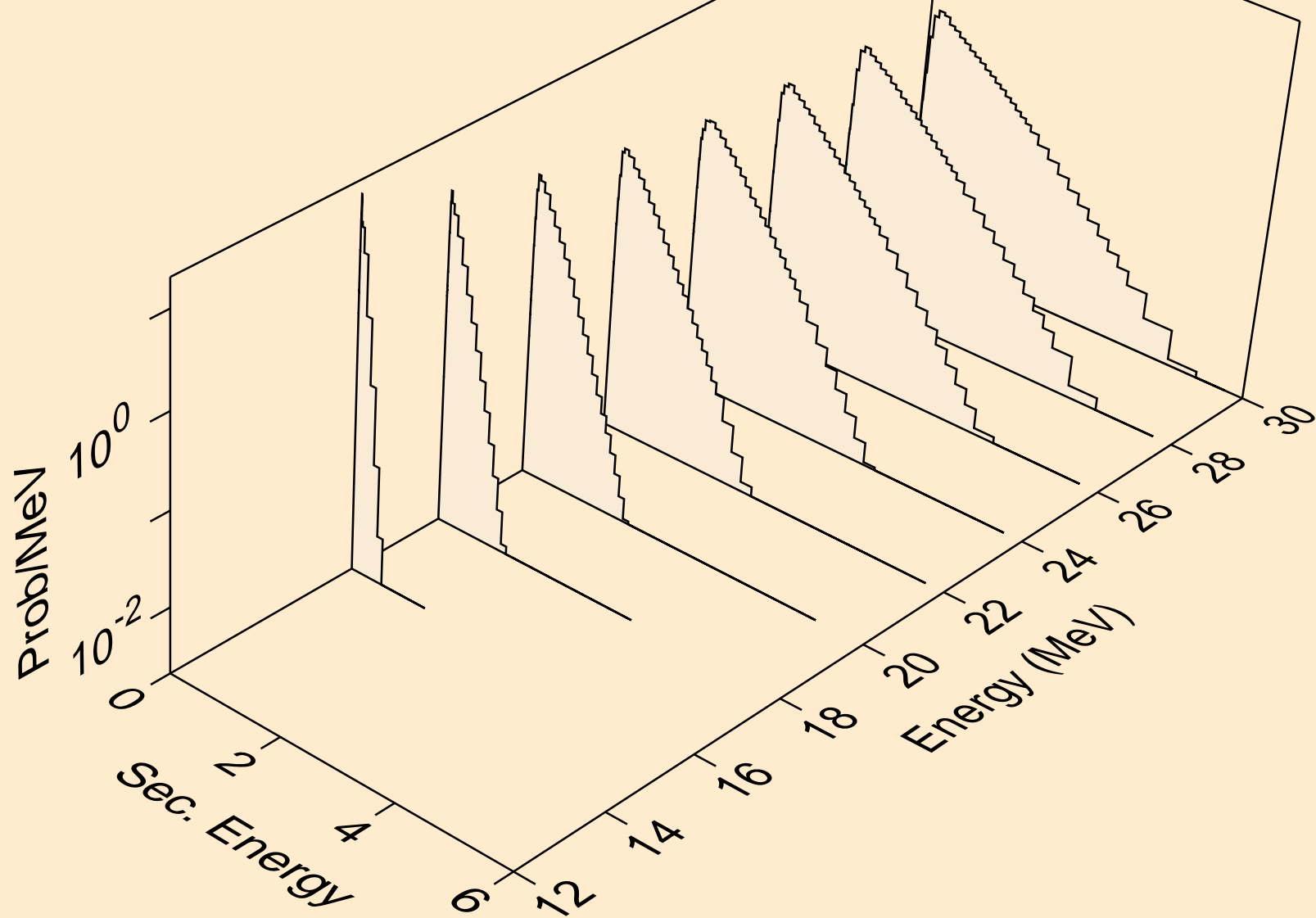
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



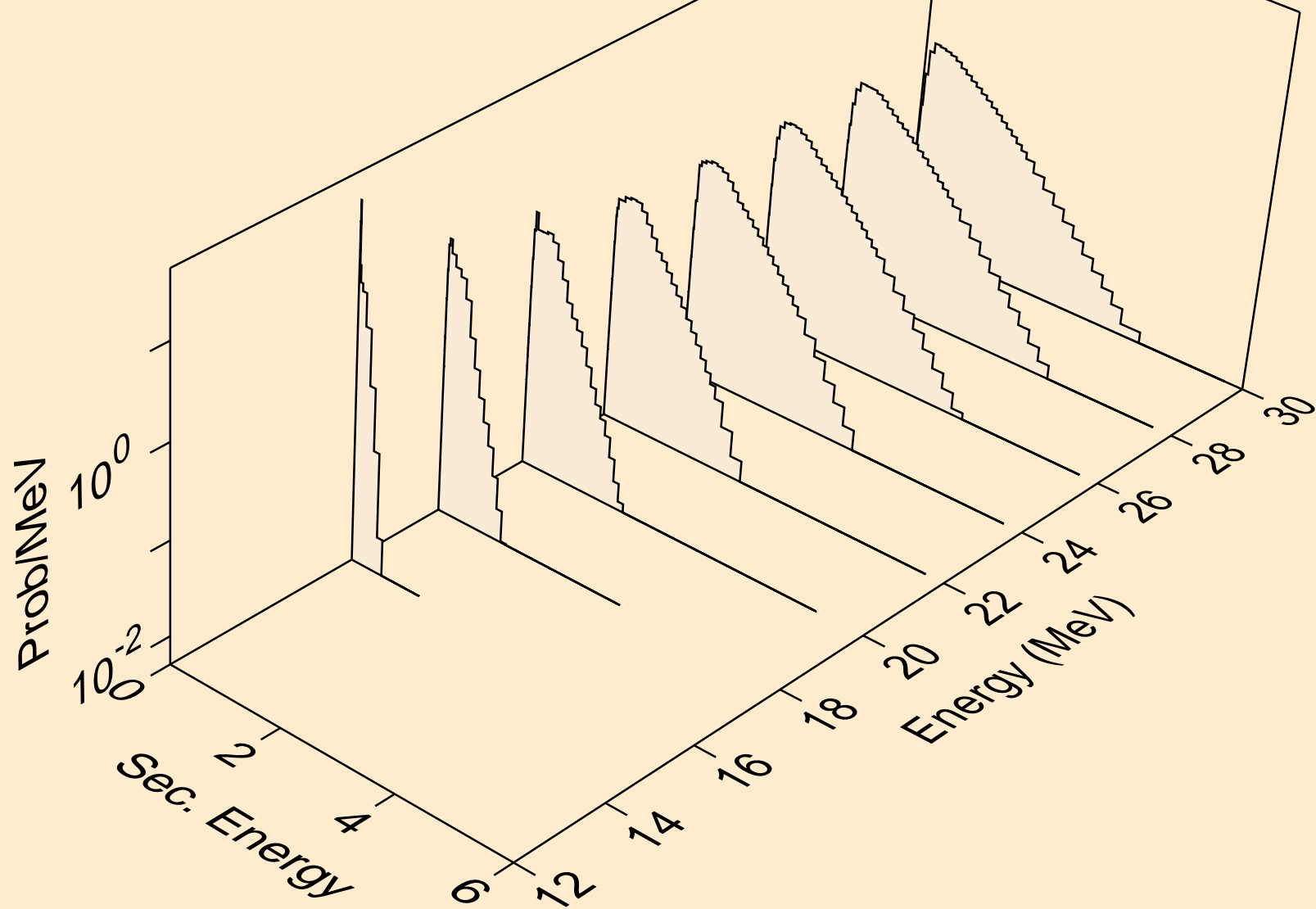
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



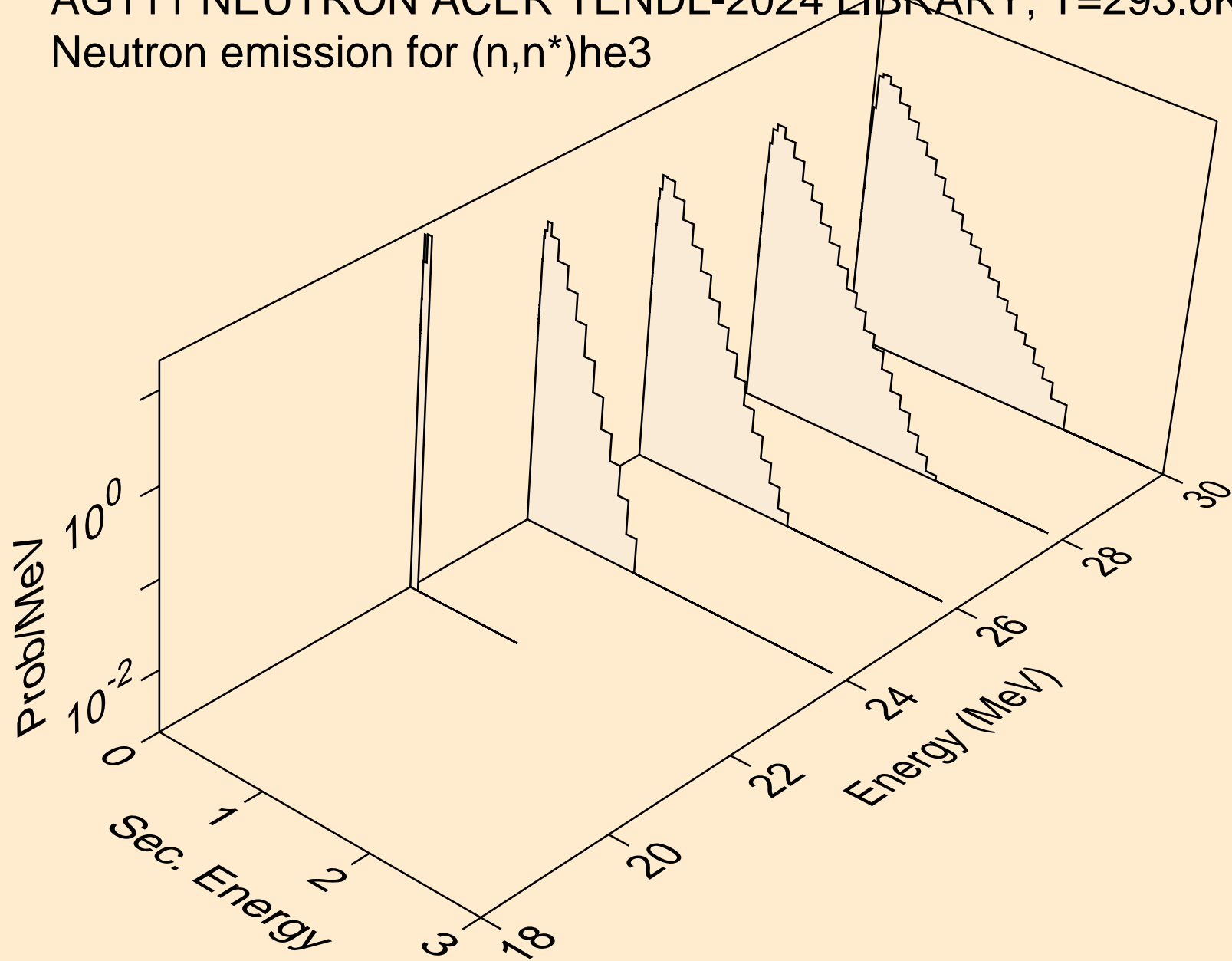
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



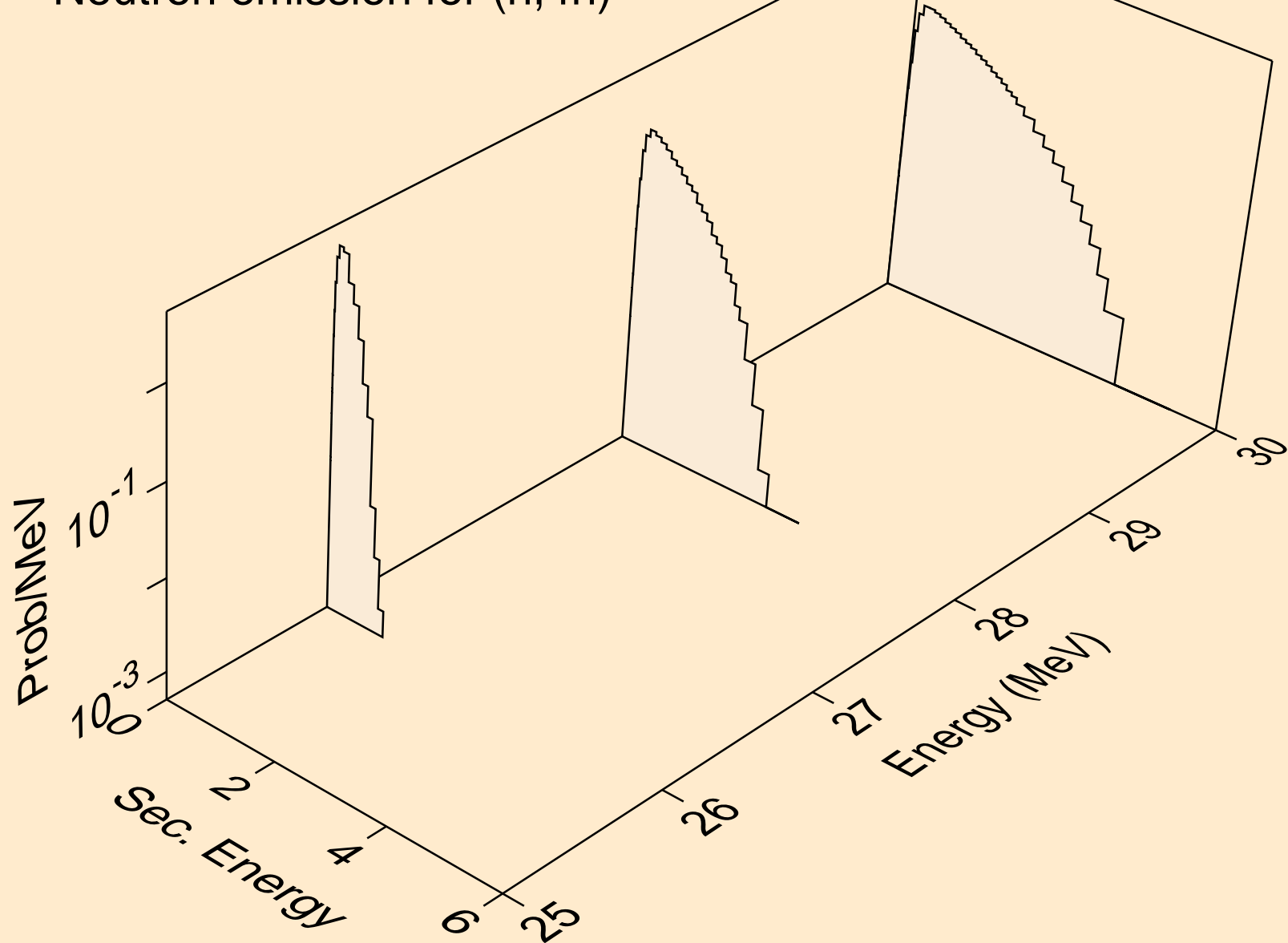
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



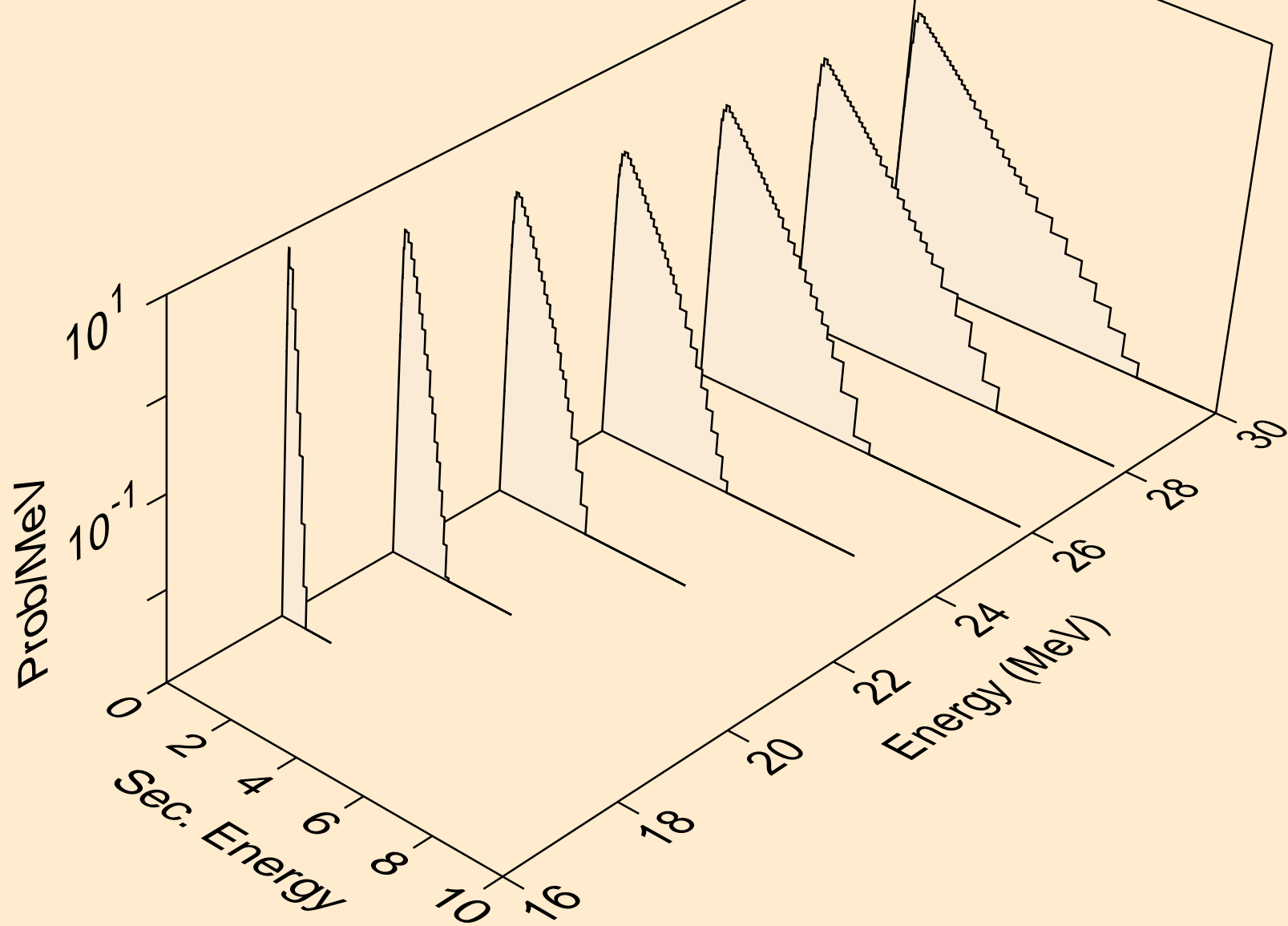
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



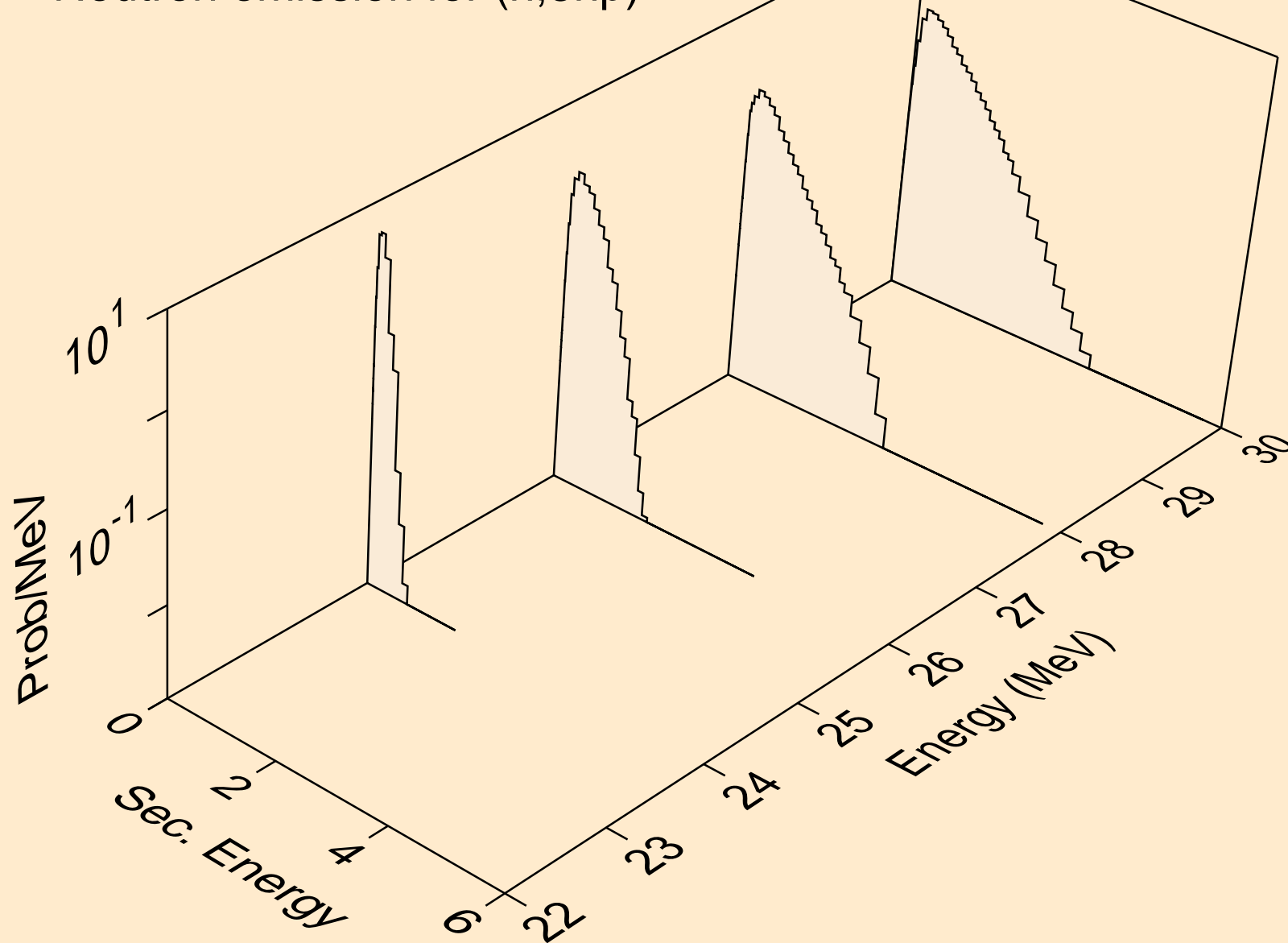
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



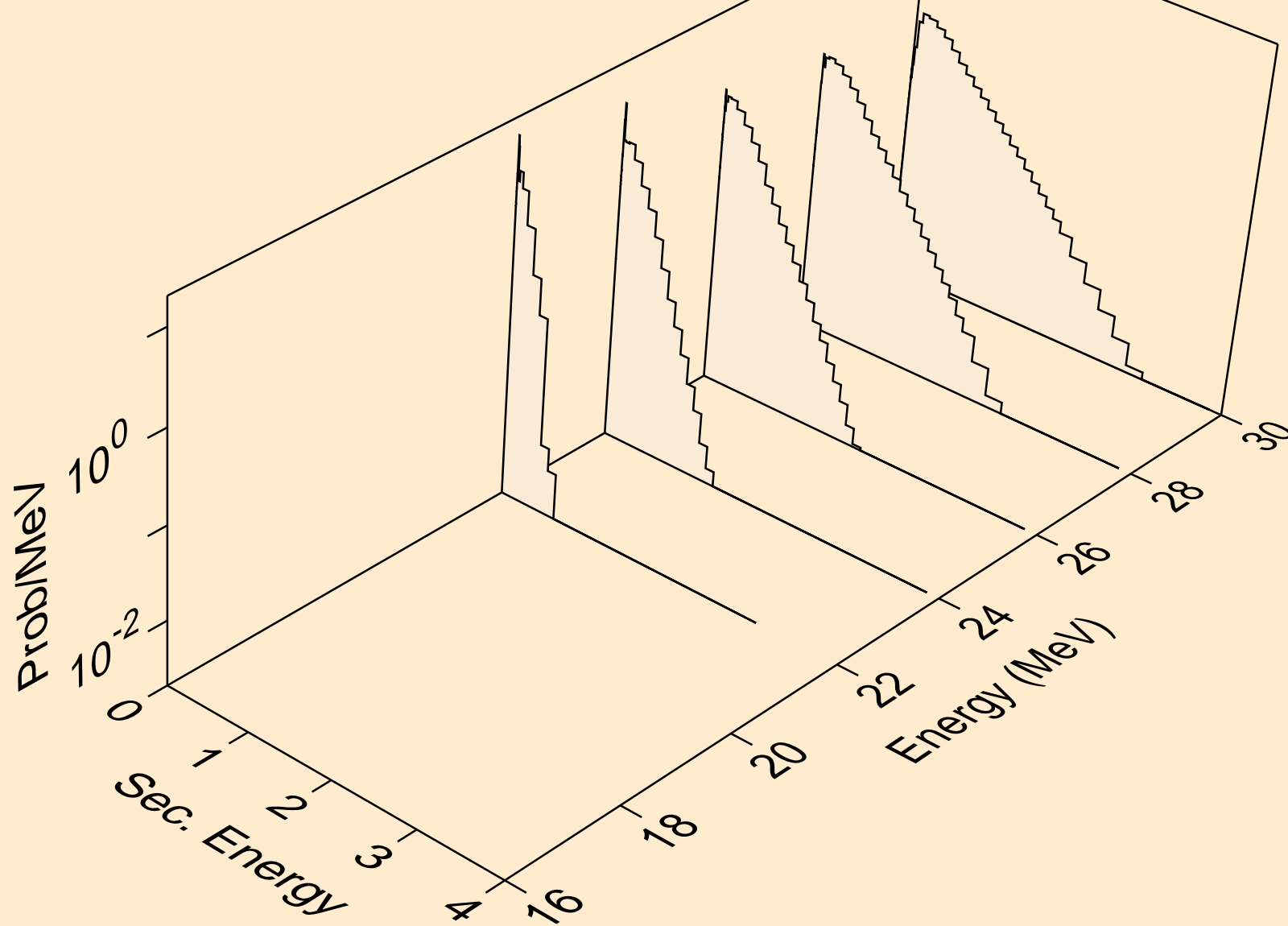
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



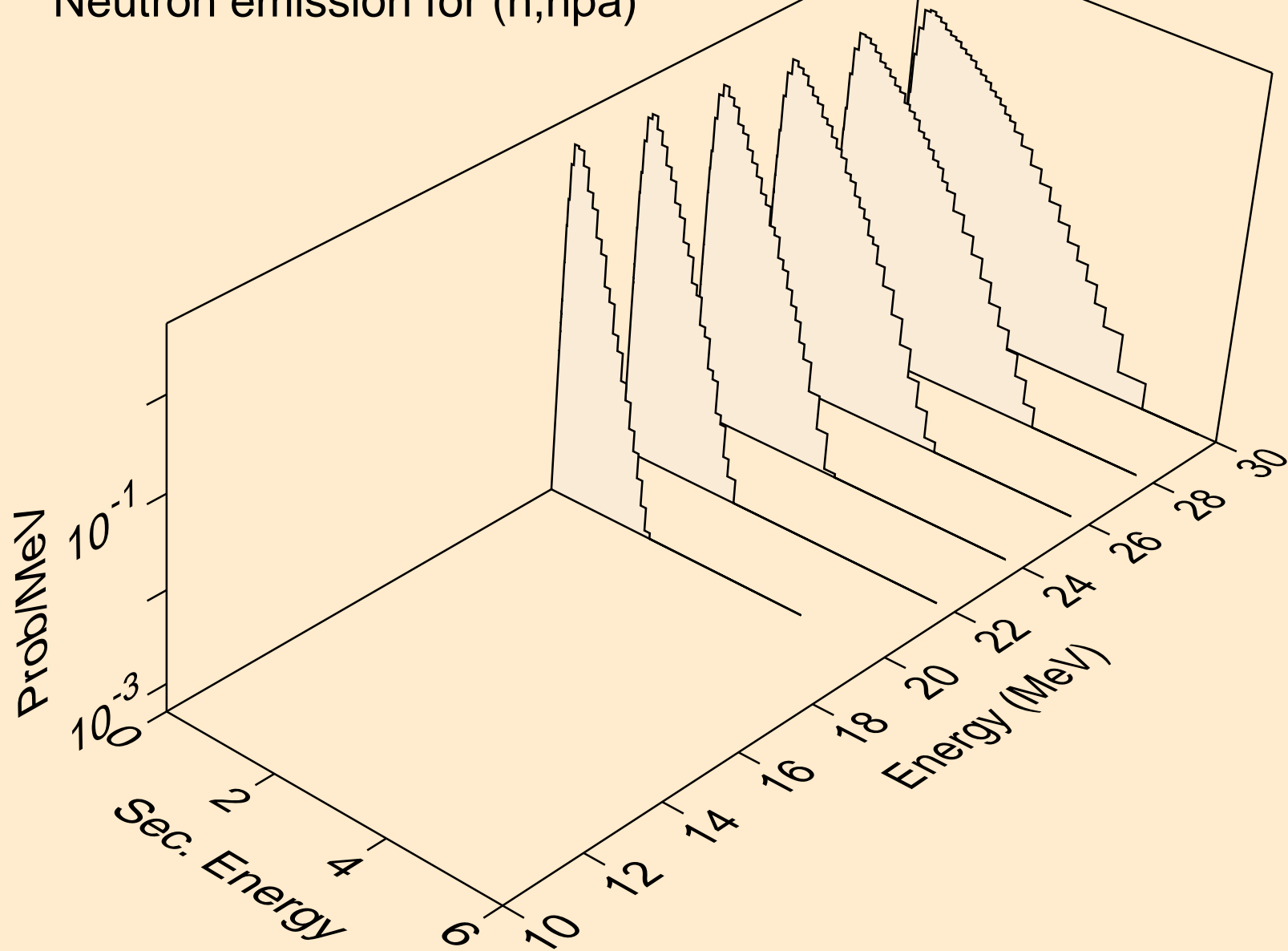
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



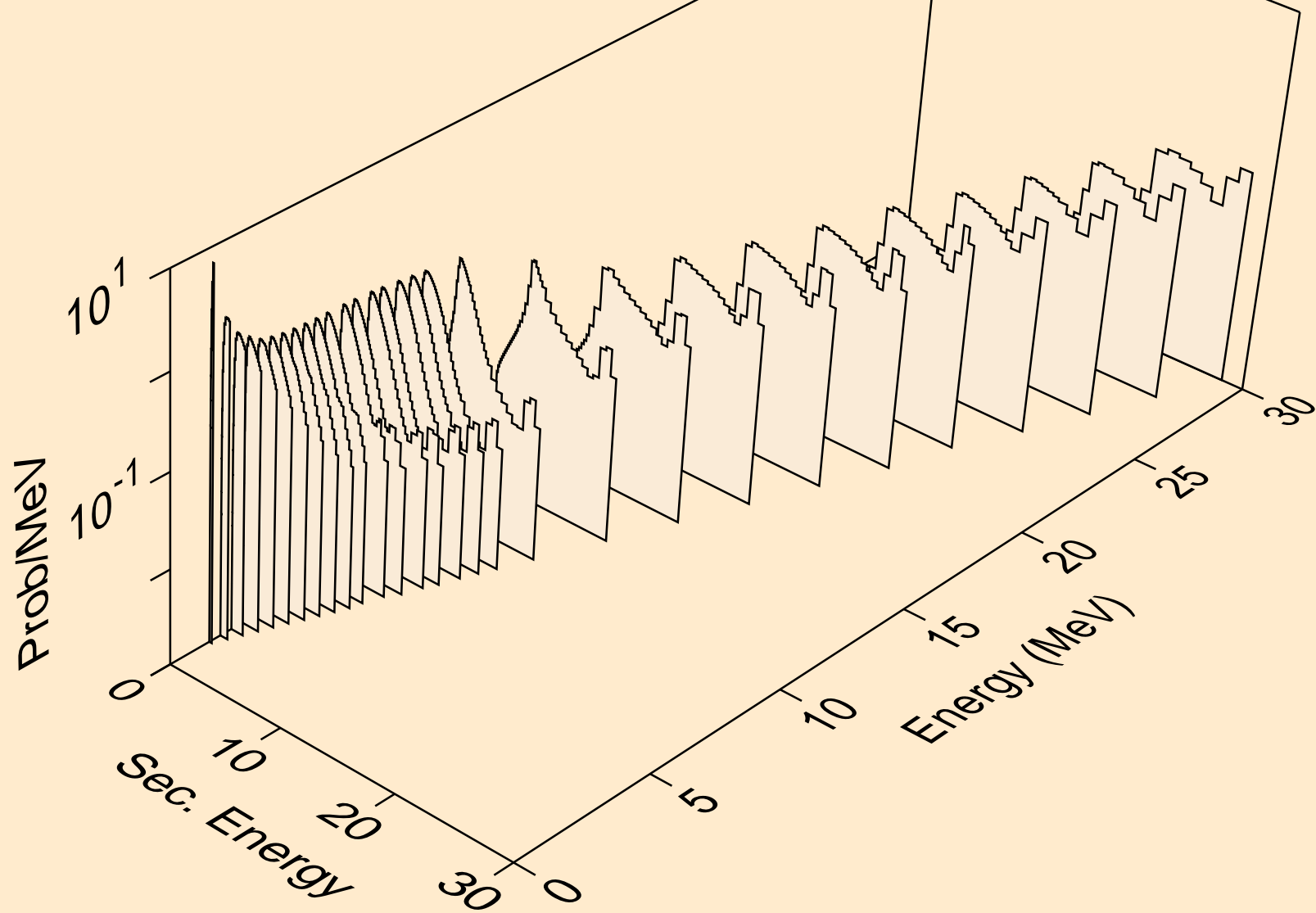
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n2p)



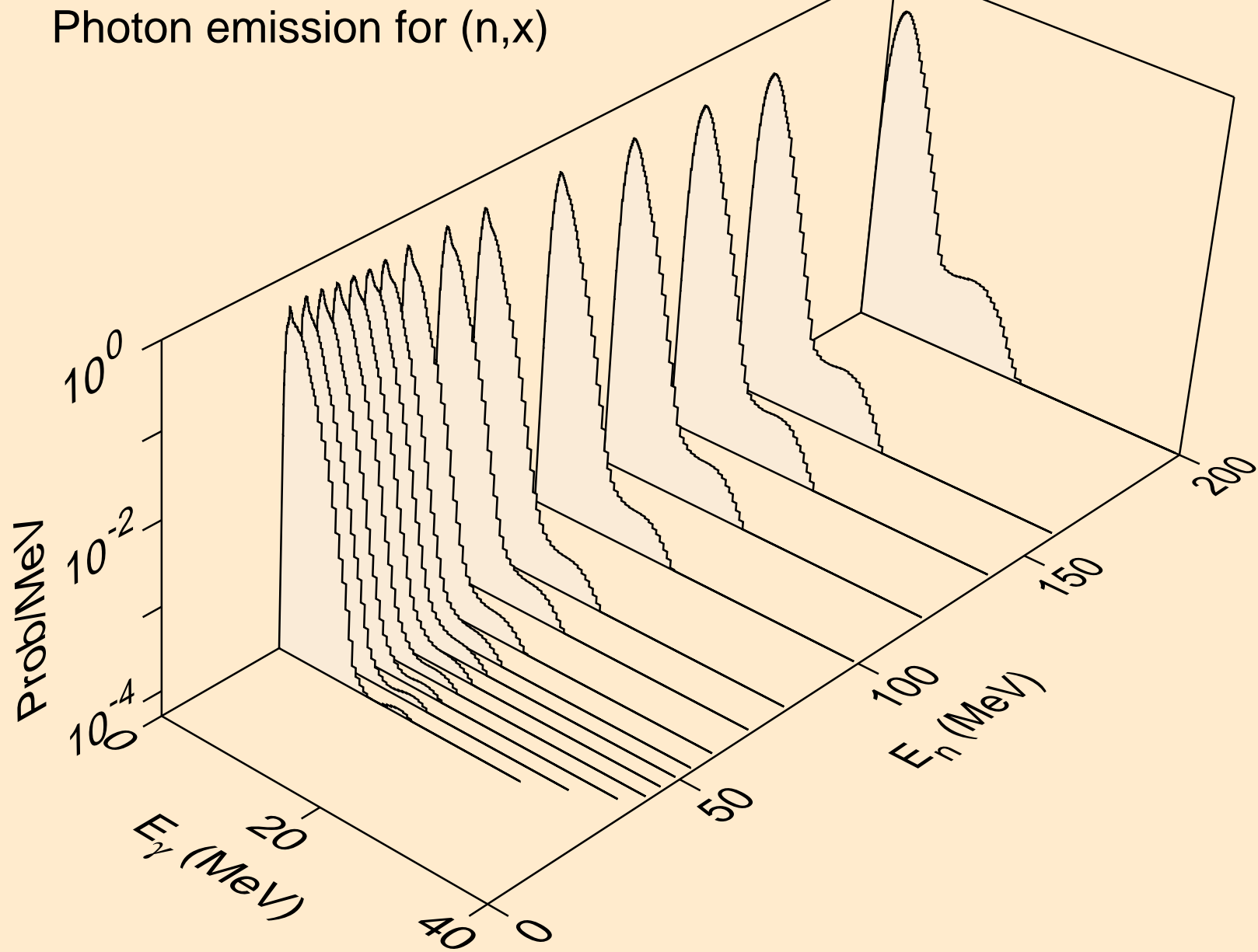
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



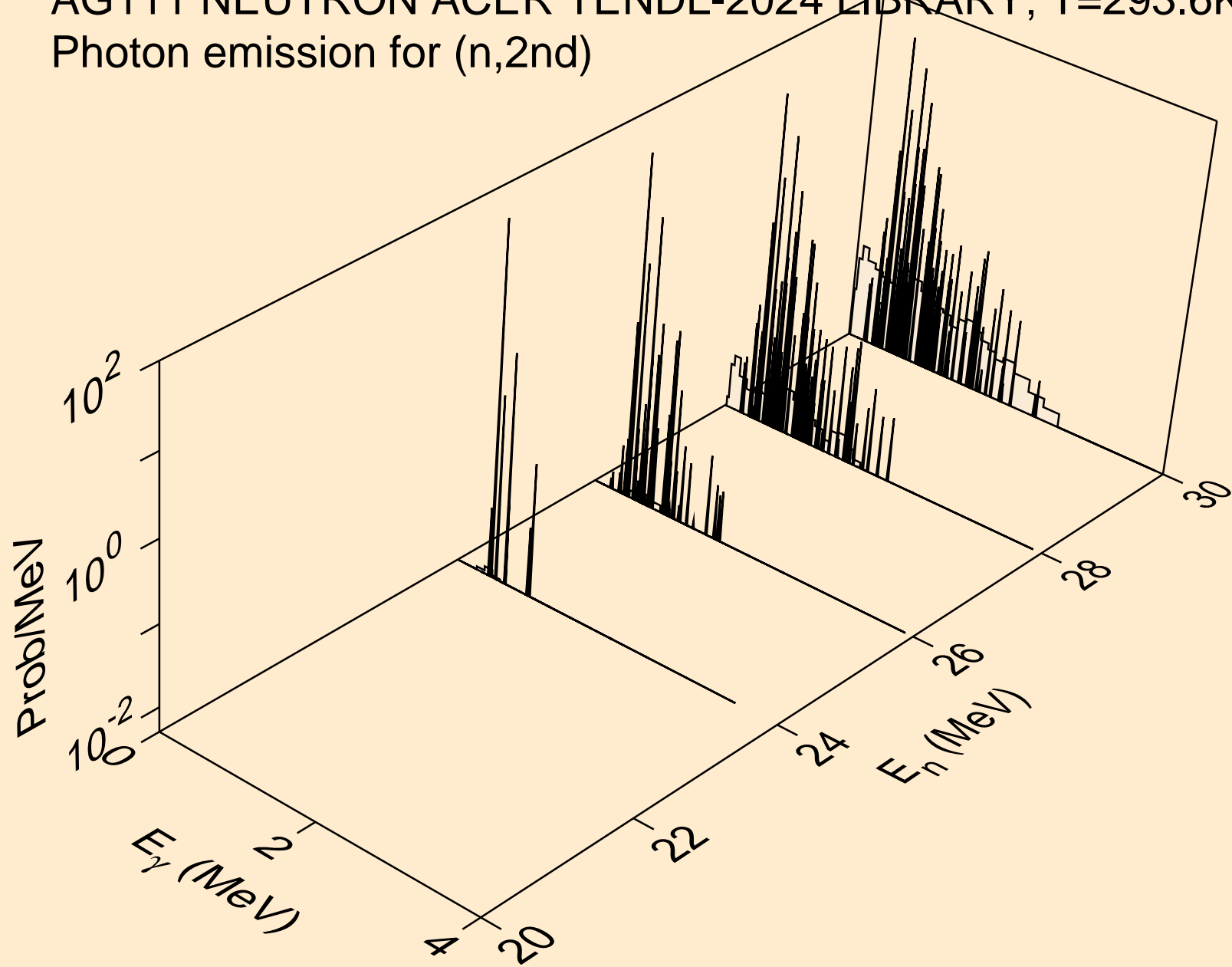
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



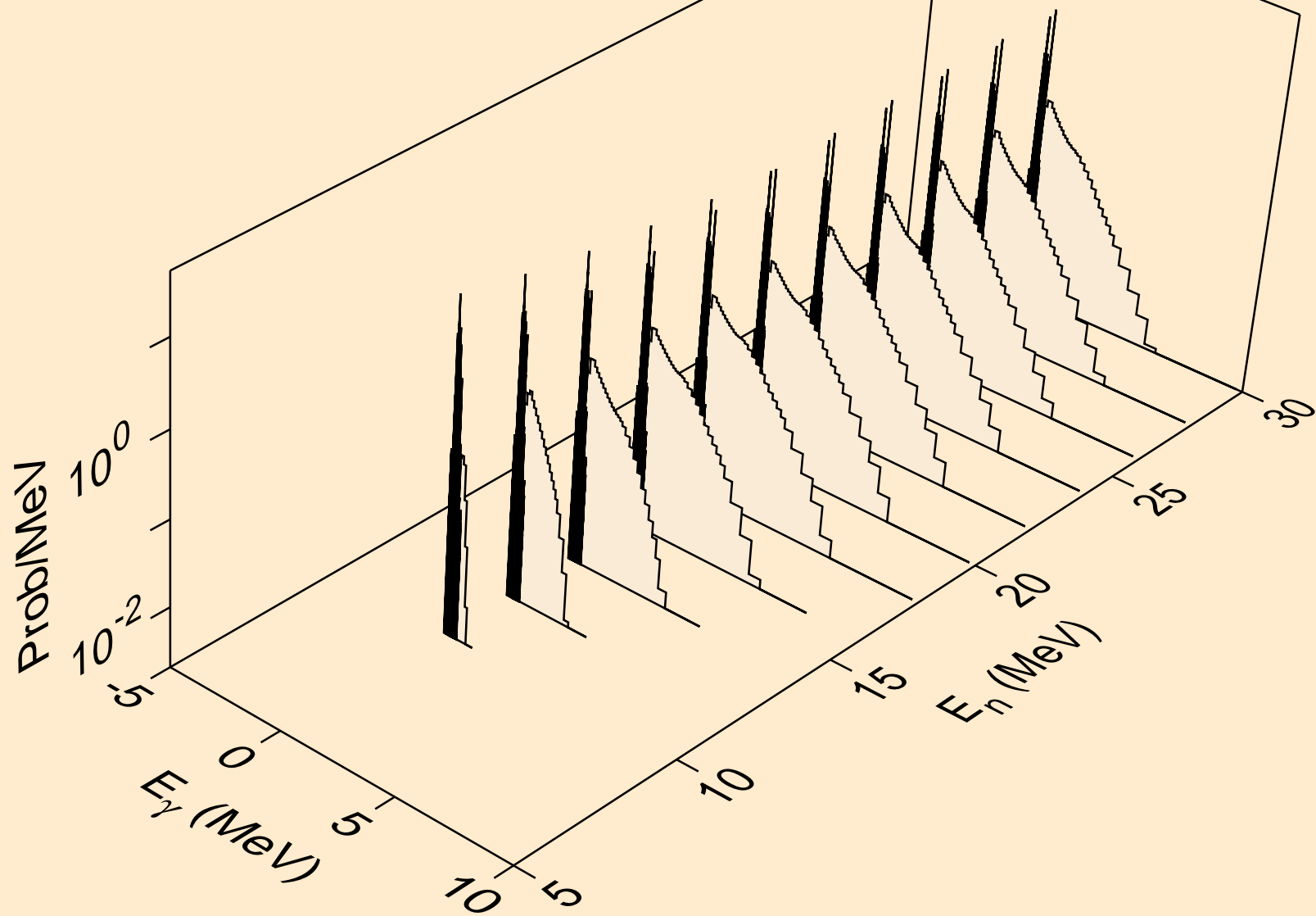
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



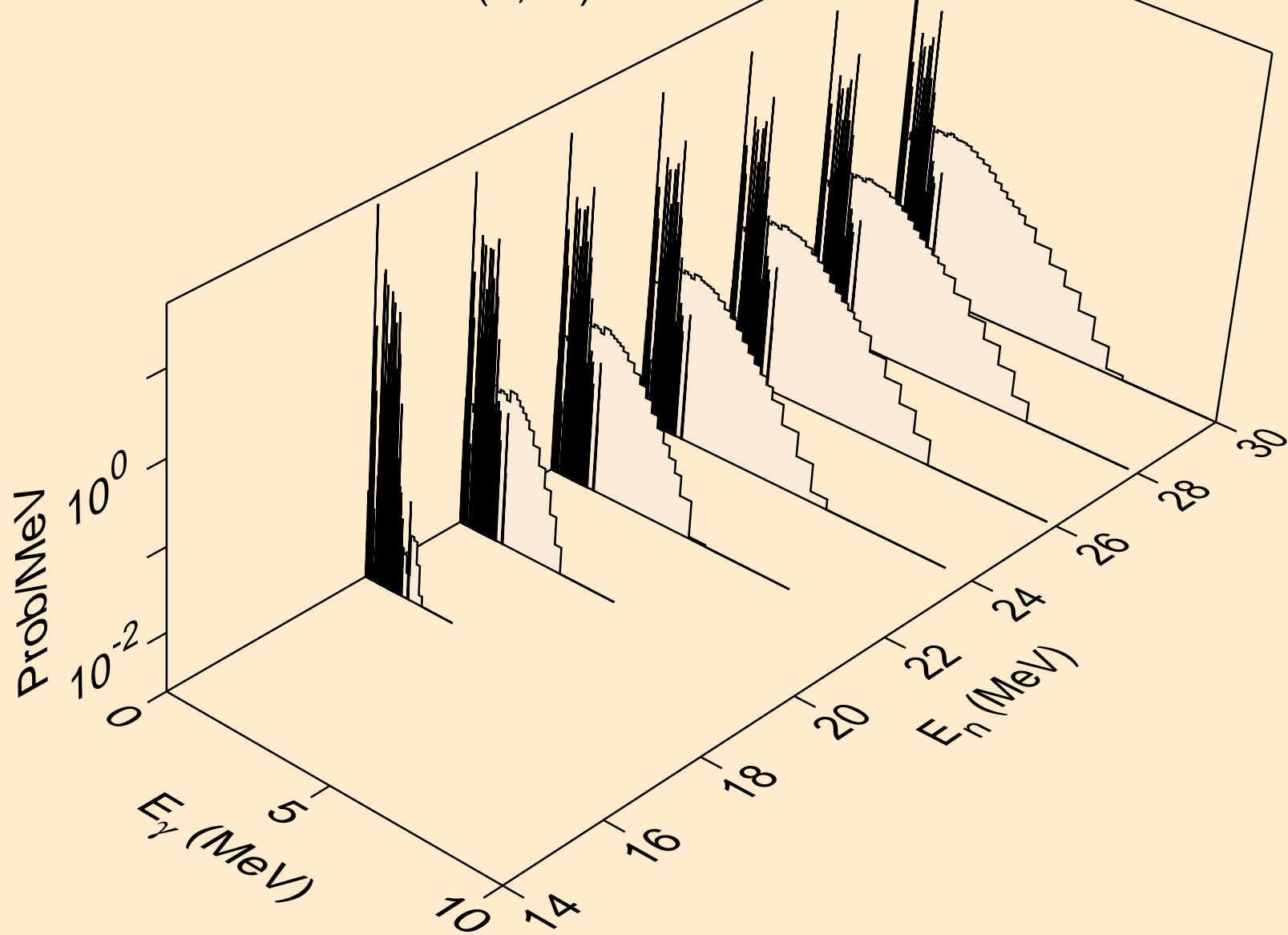
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



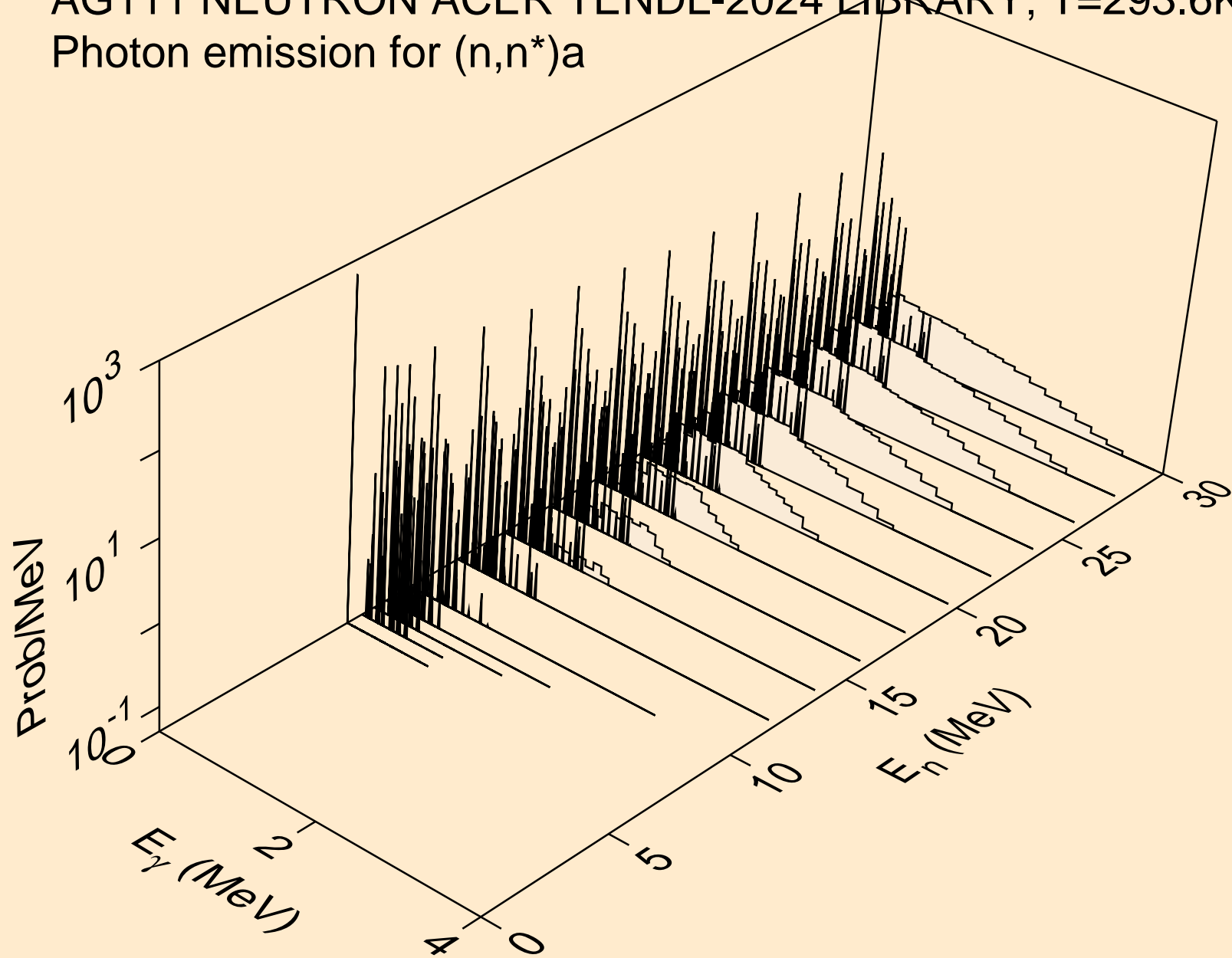
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)



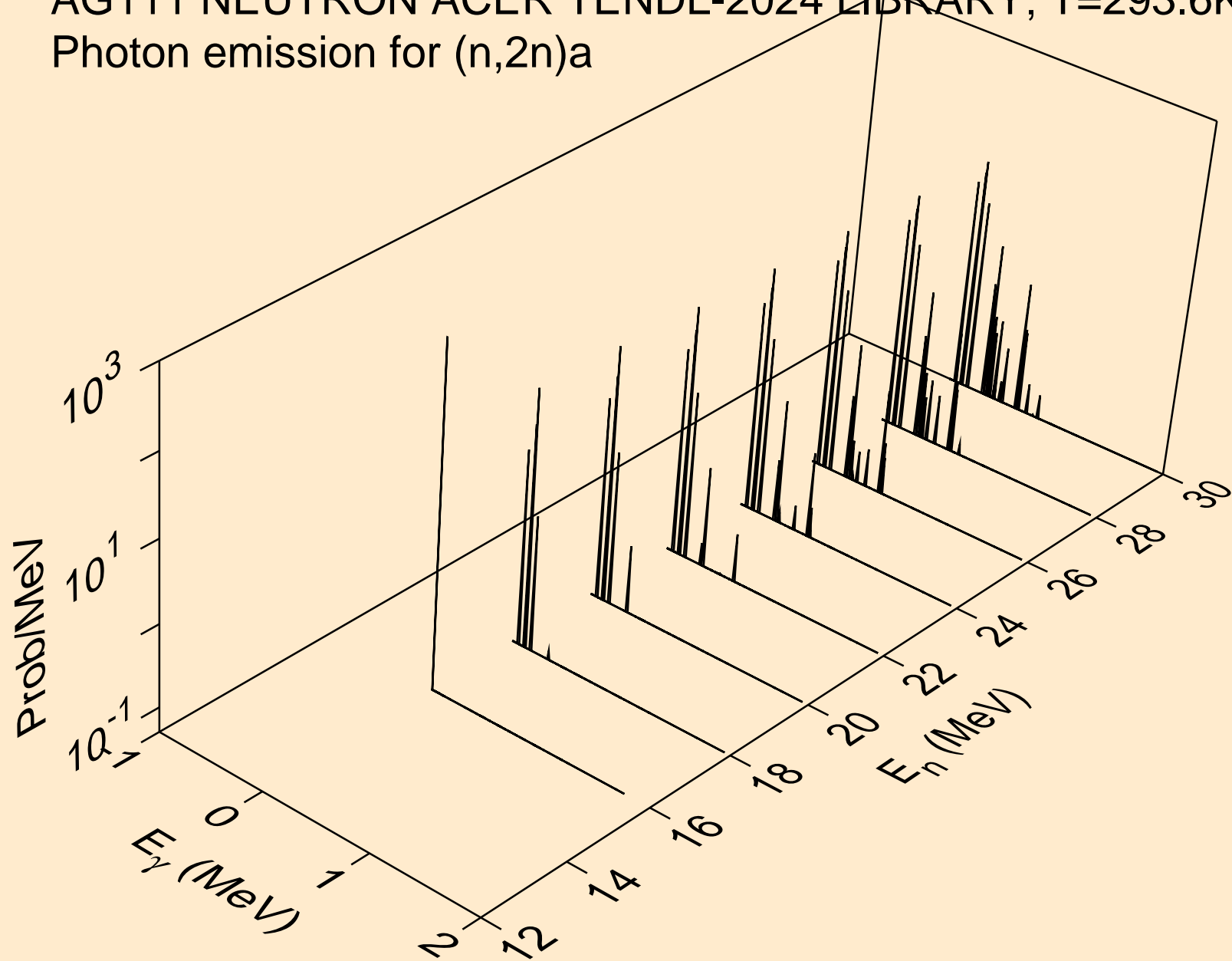
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



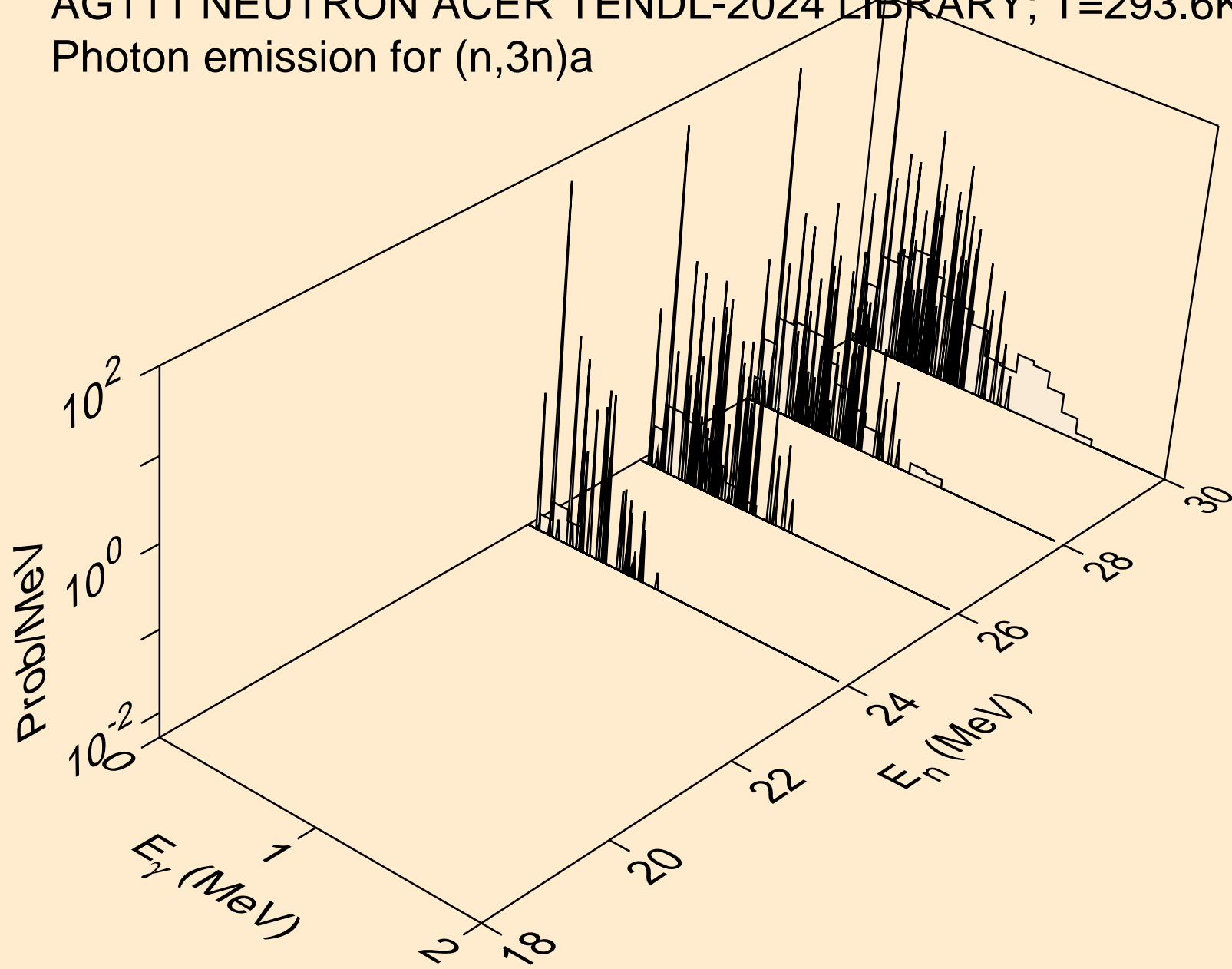
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



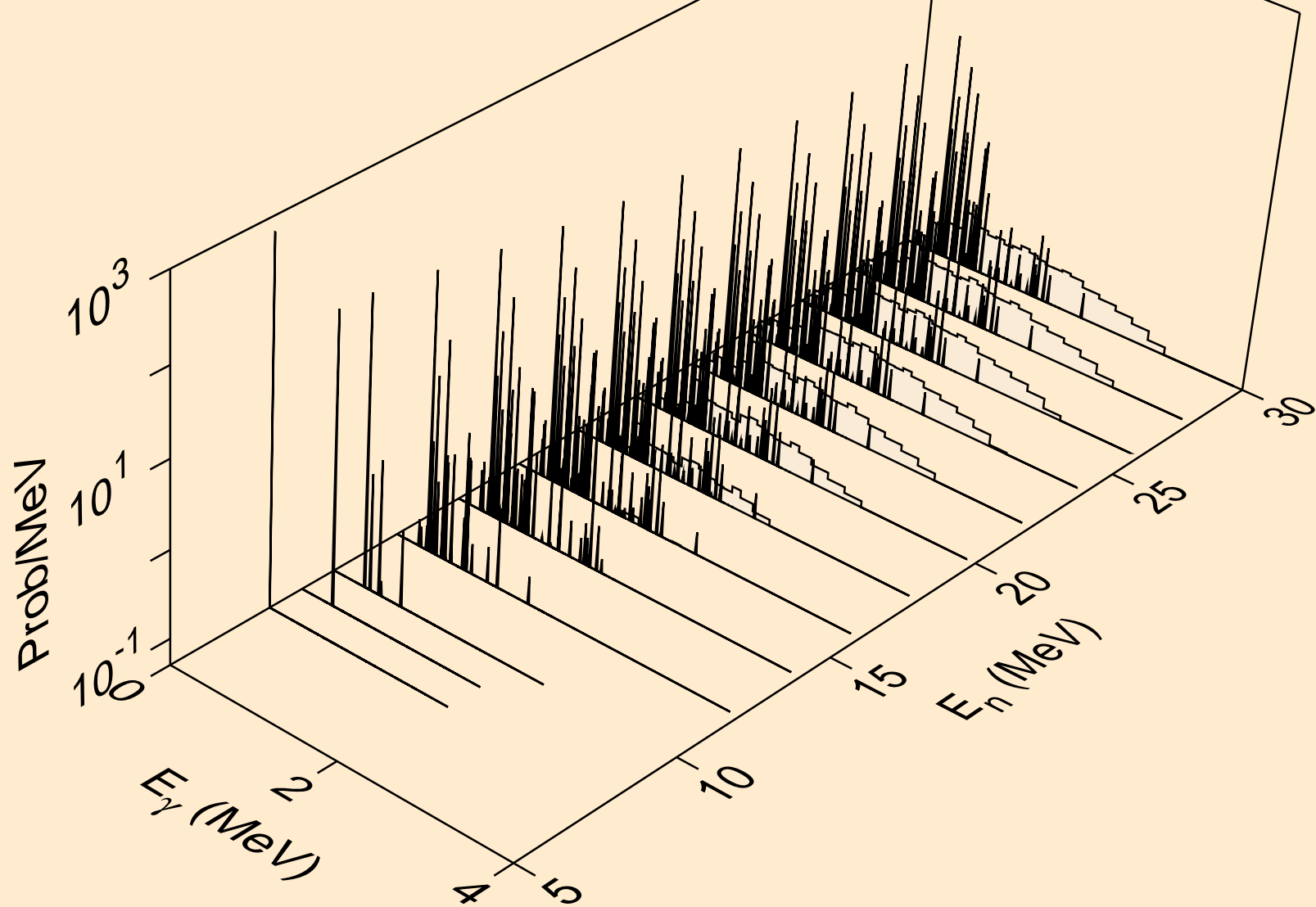
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



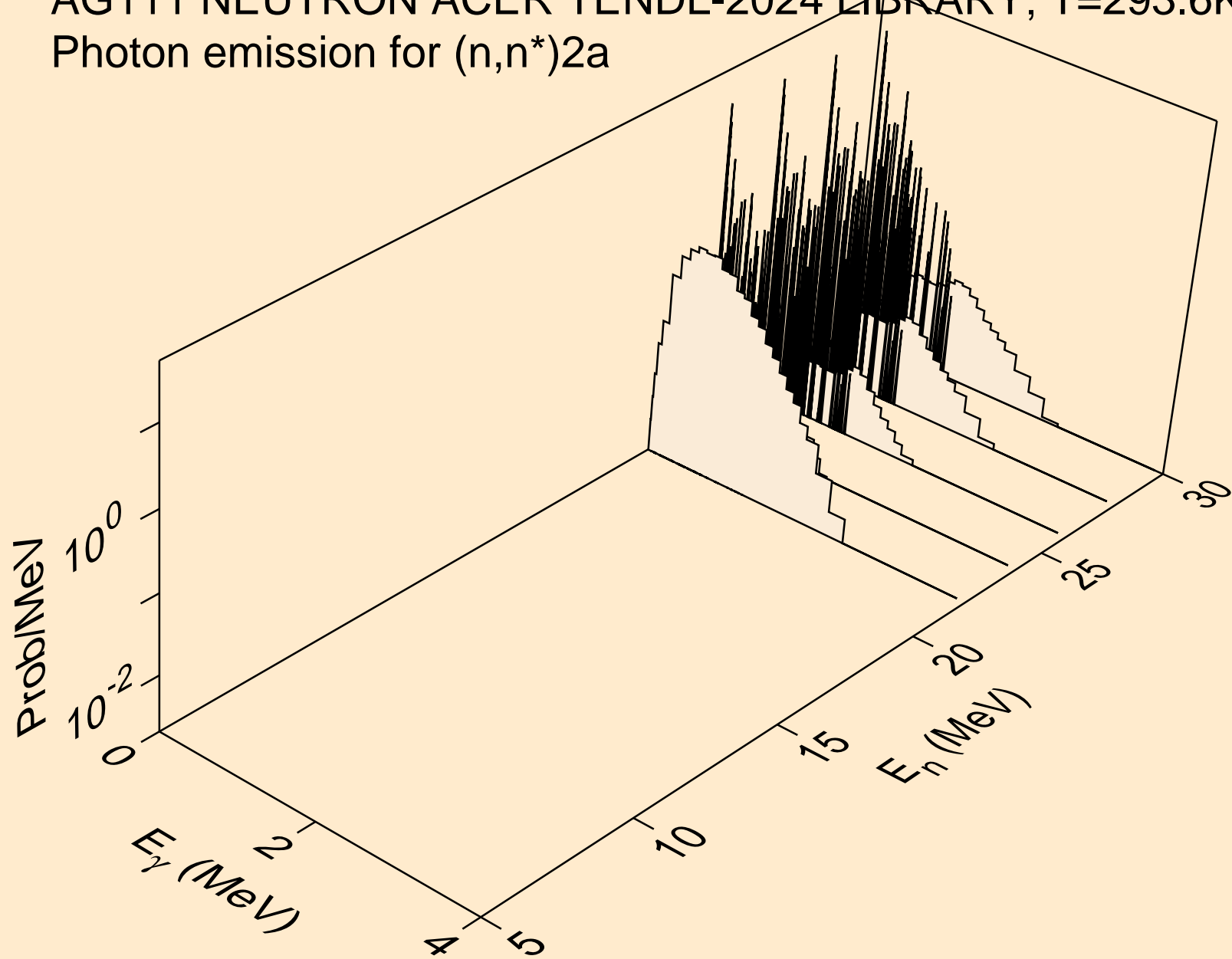
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



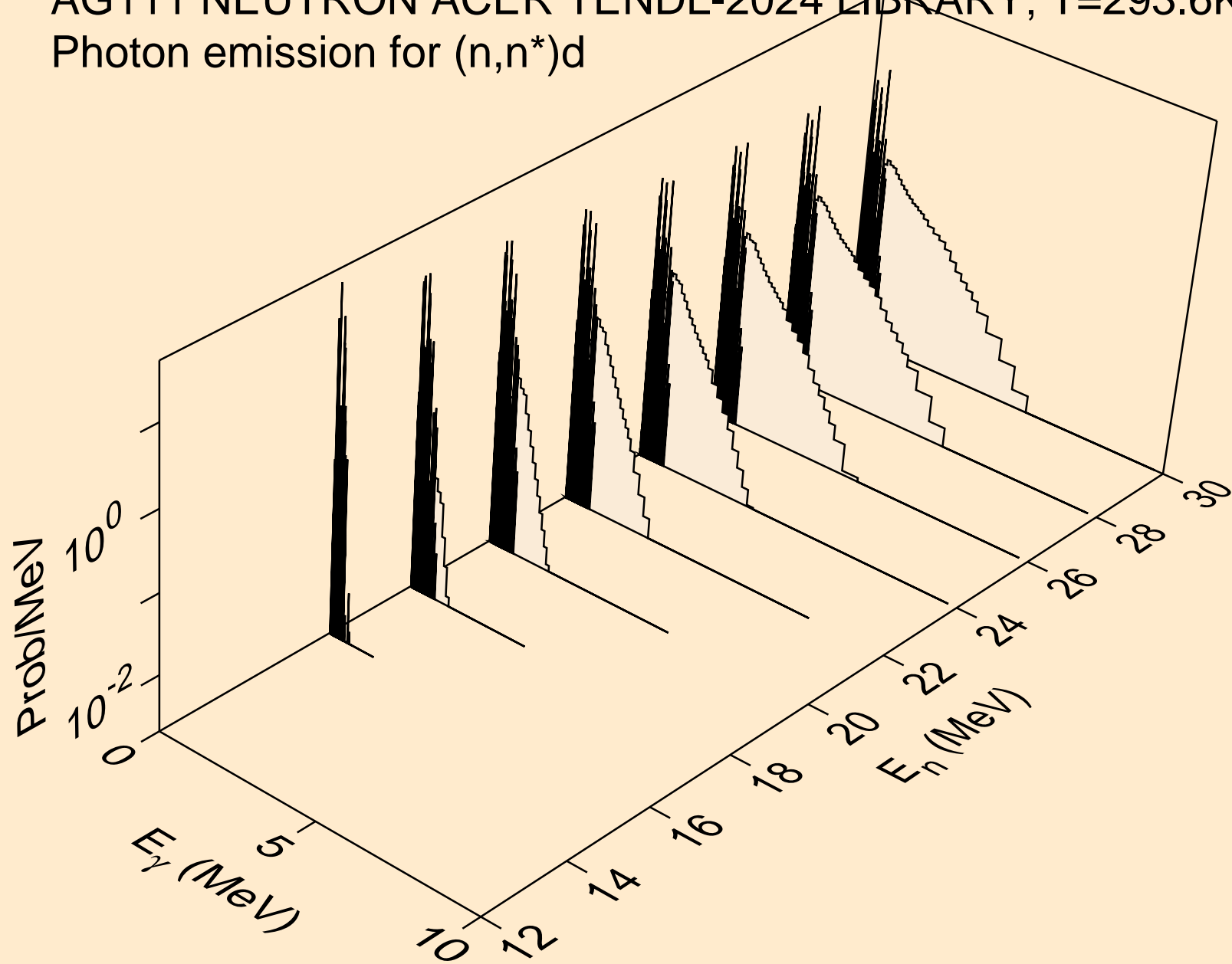
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



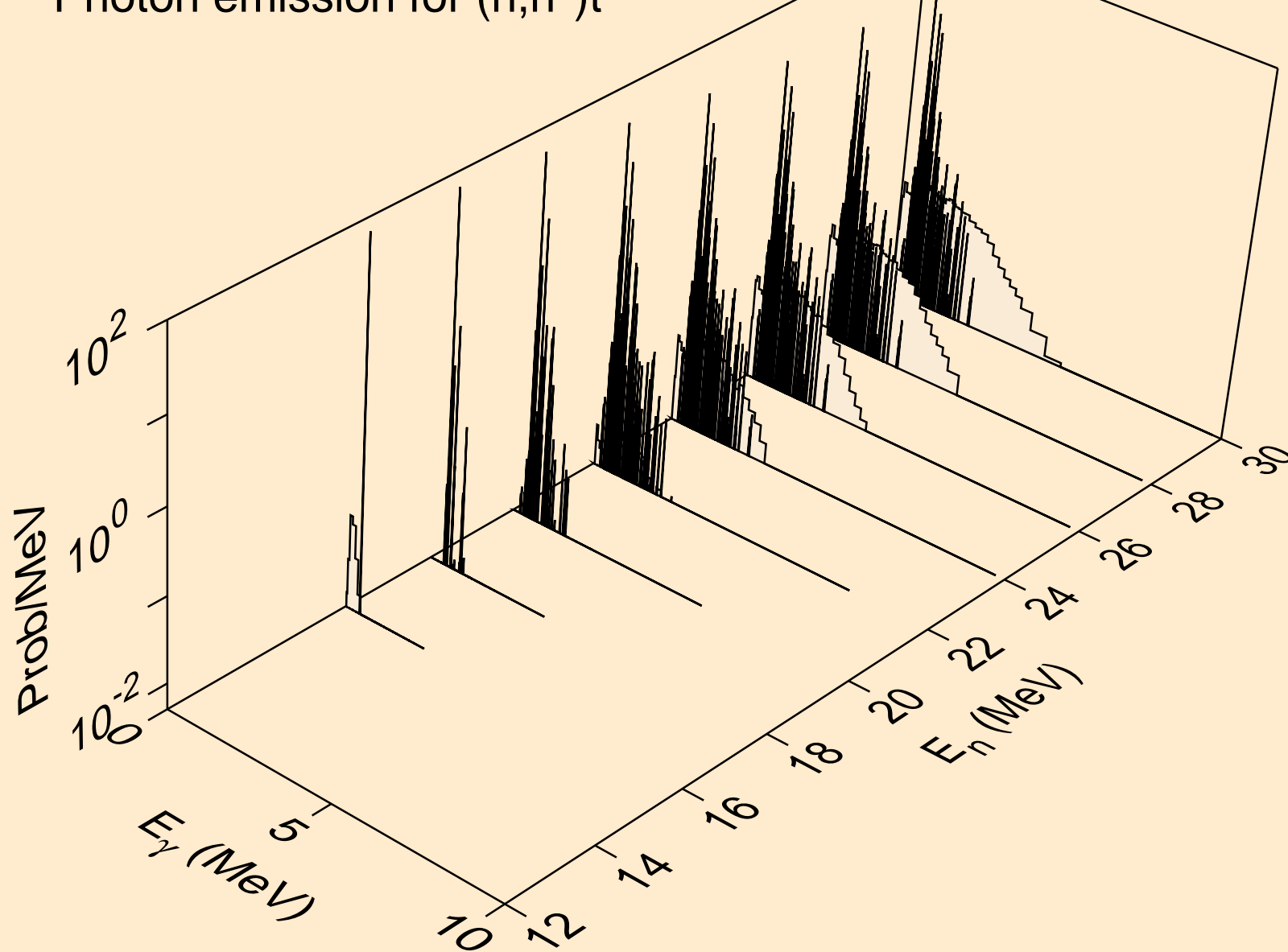
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



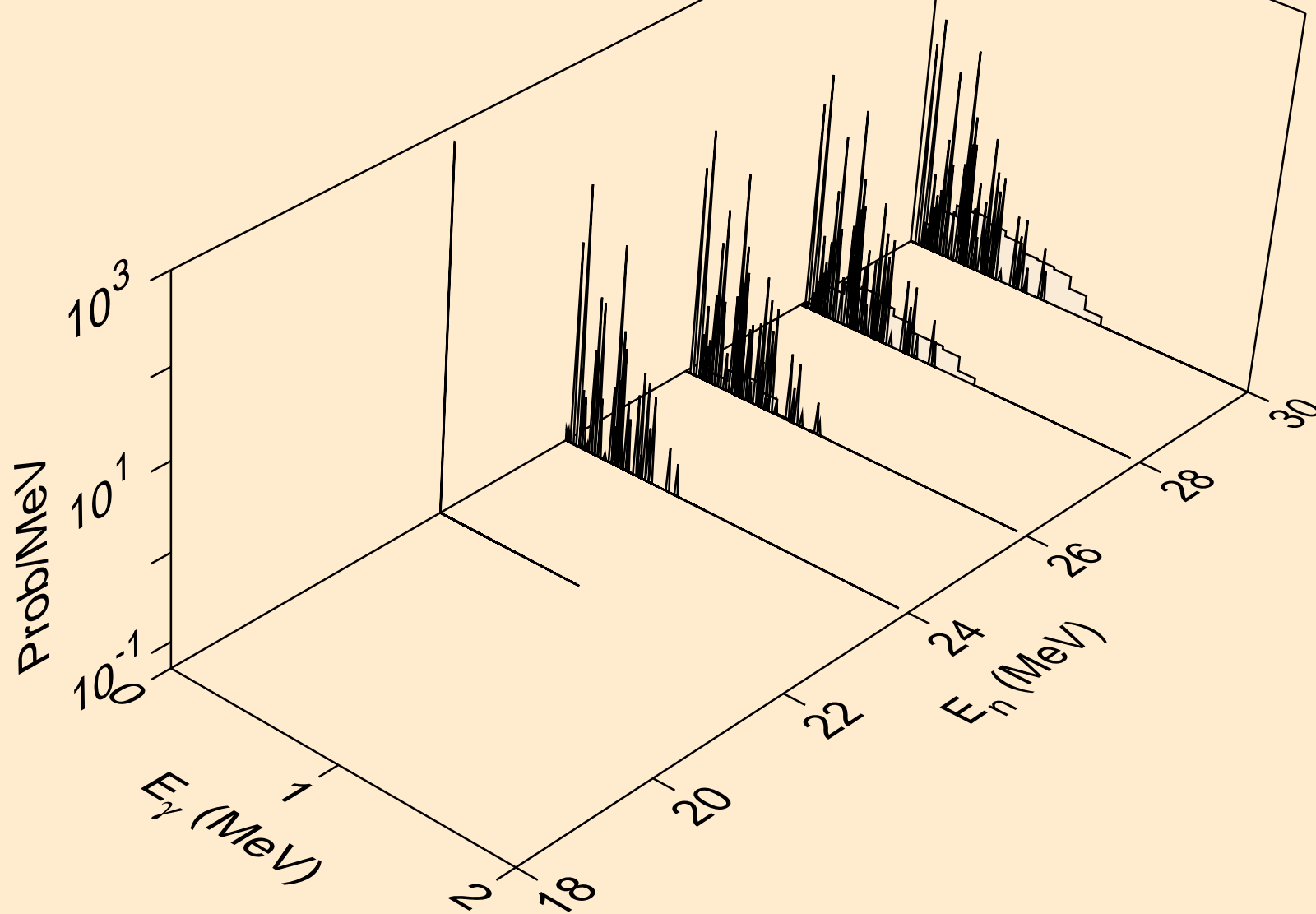
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



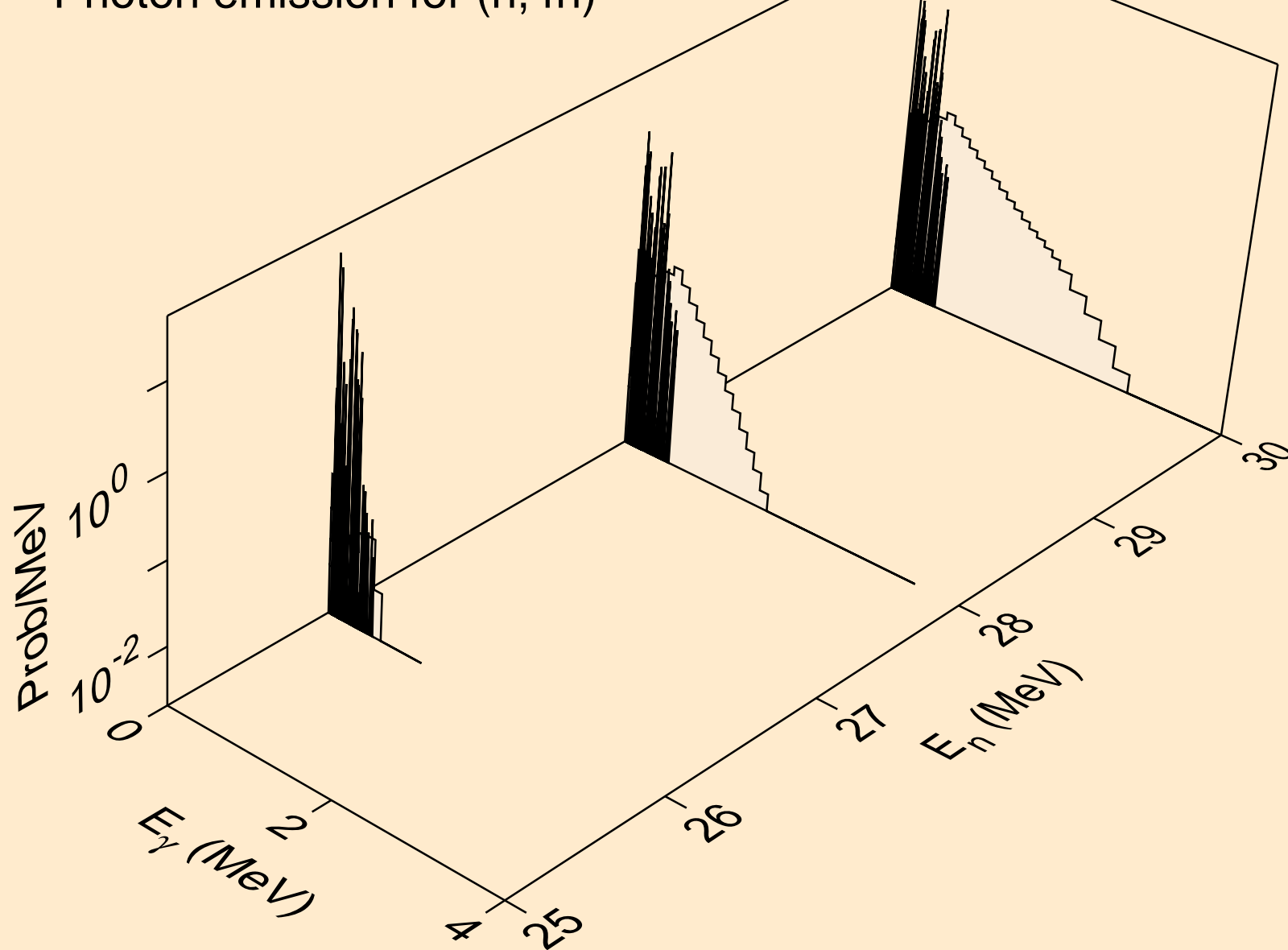
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



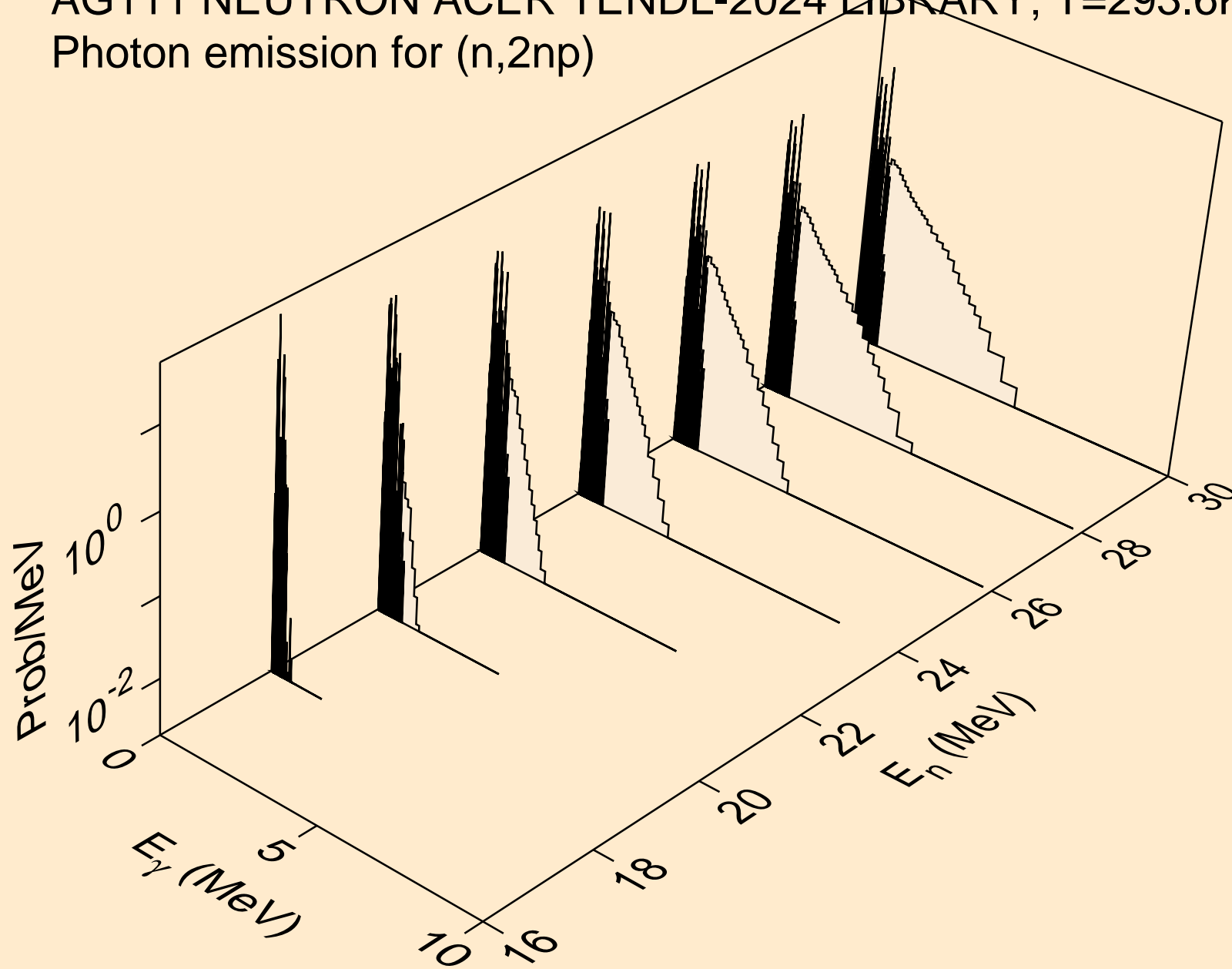
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



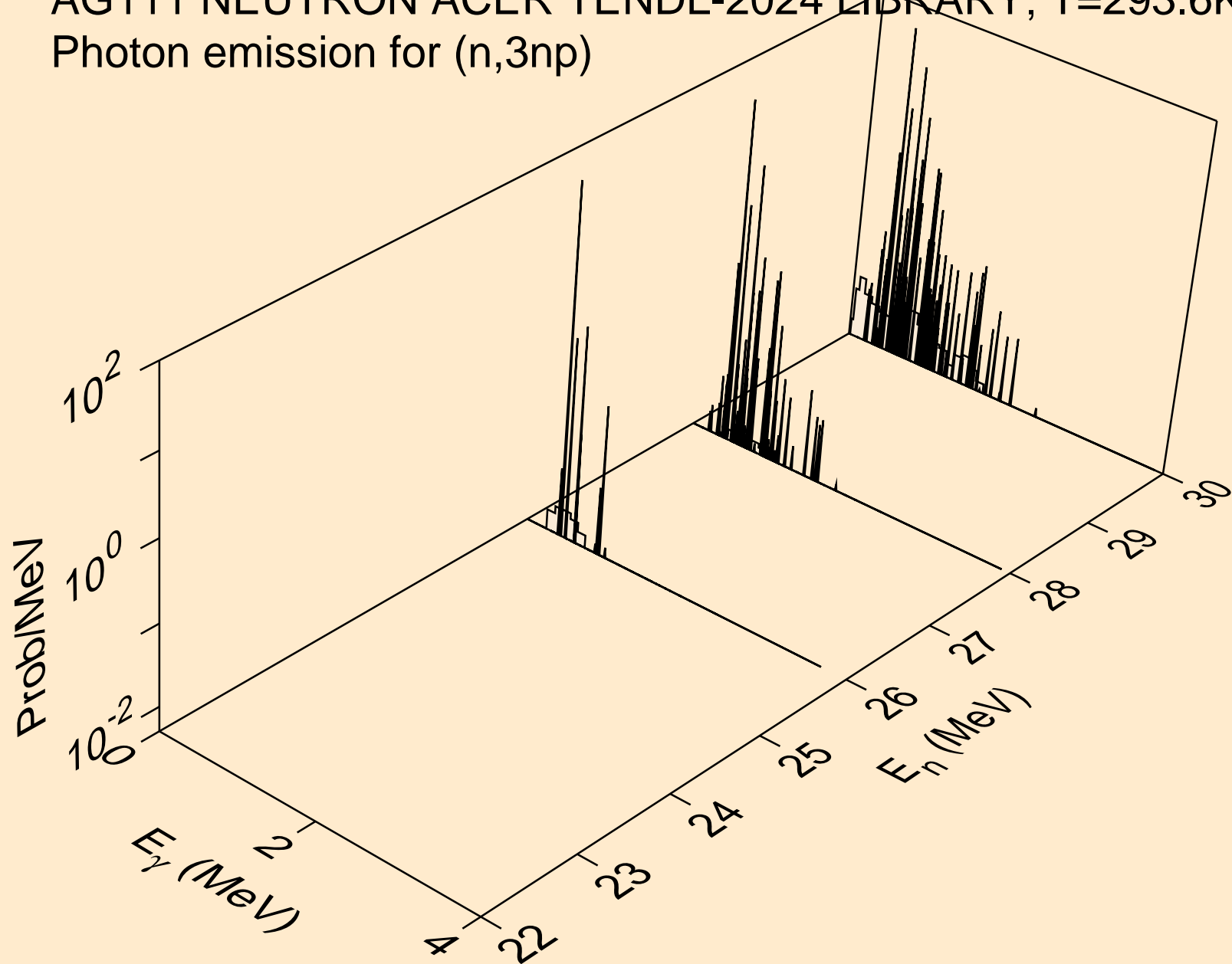
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,4n)



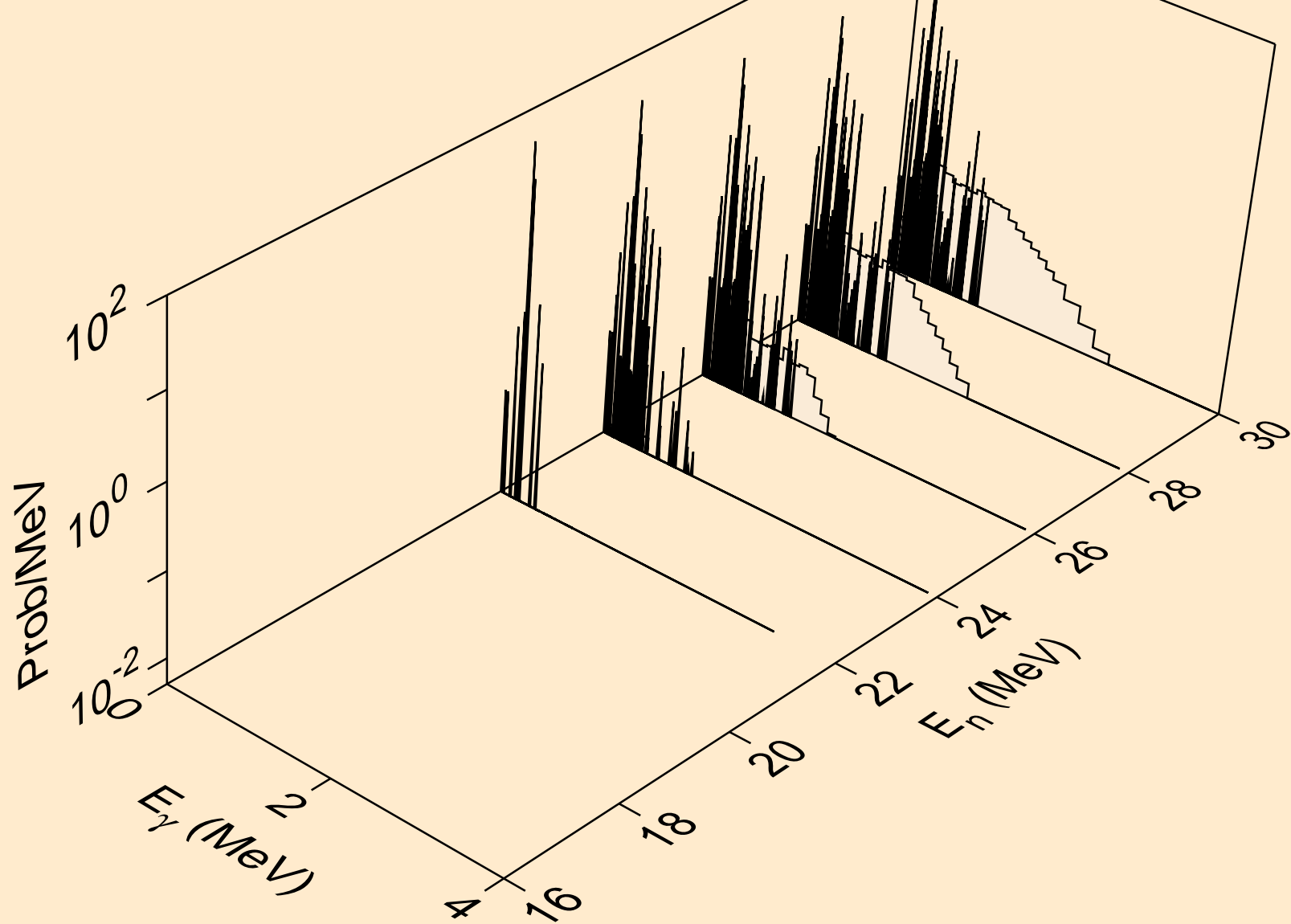
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2np)



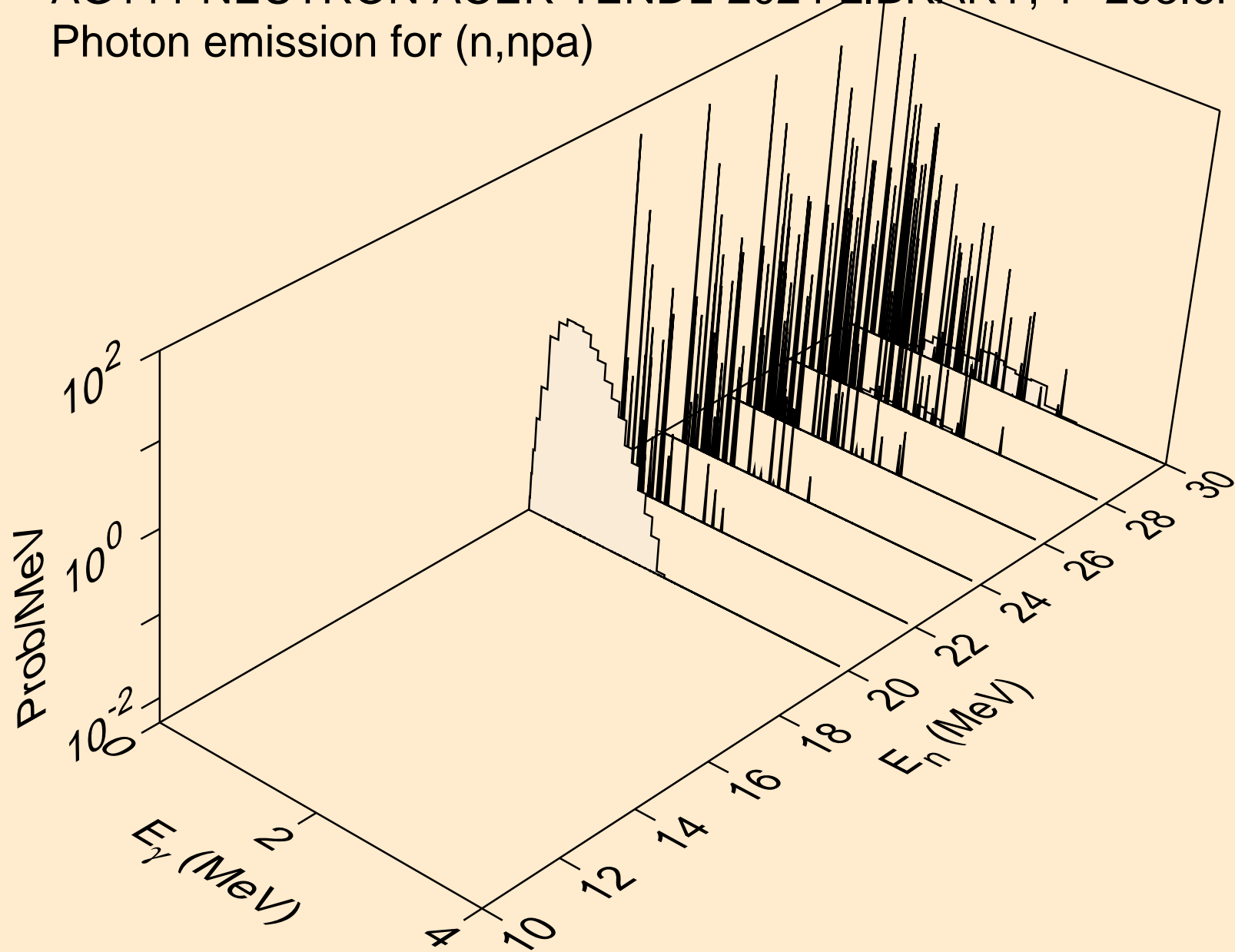
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3np)



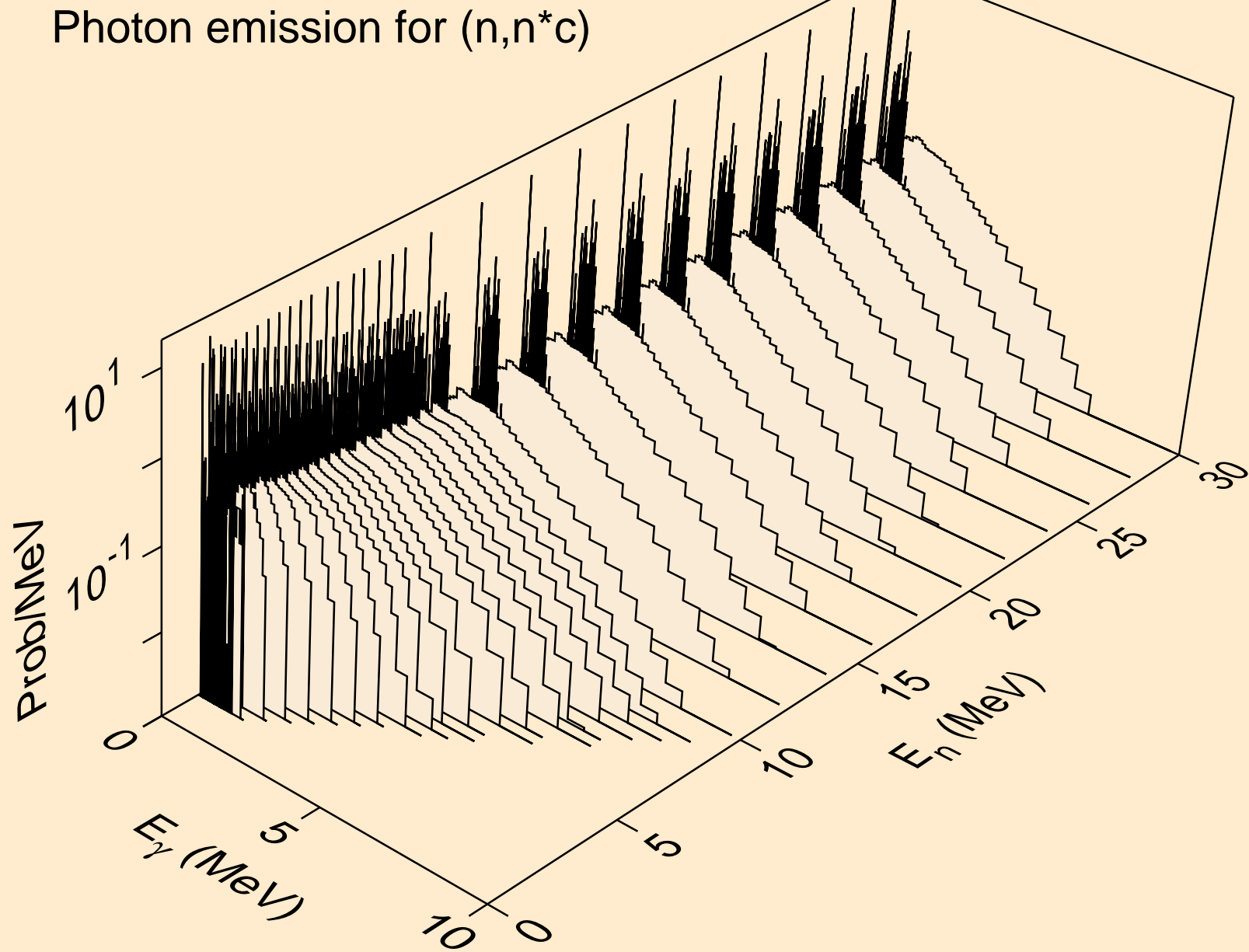
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n2p)



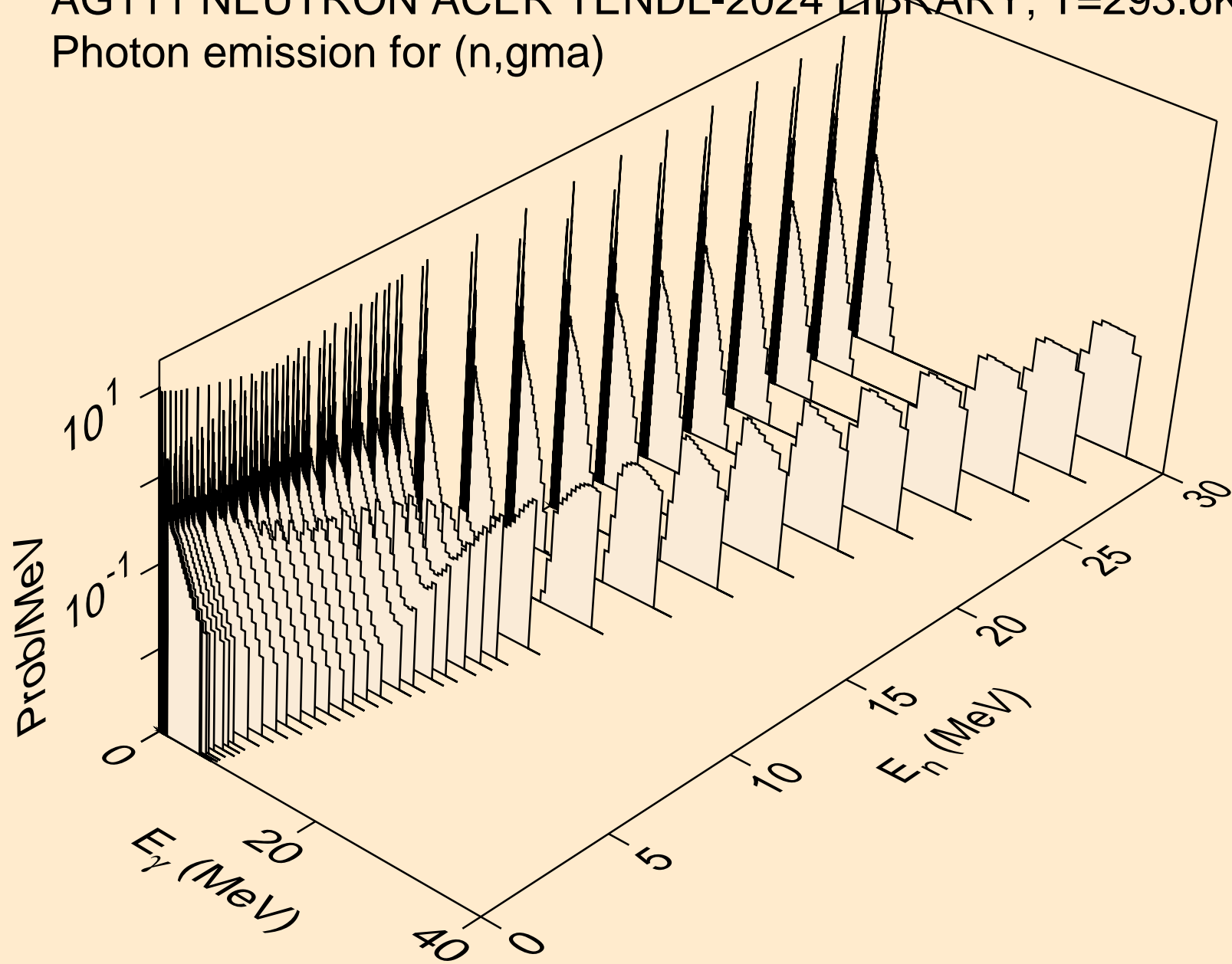
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,npa)



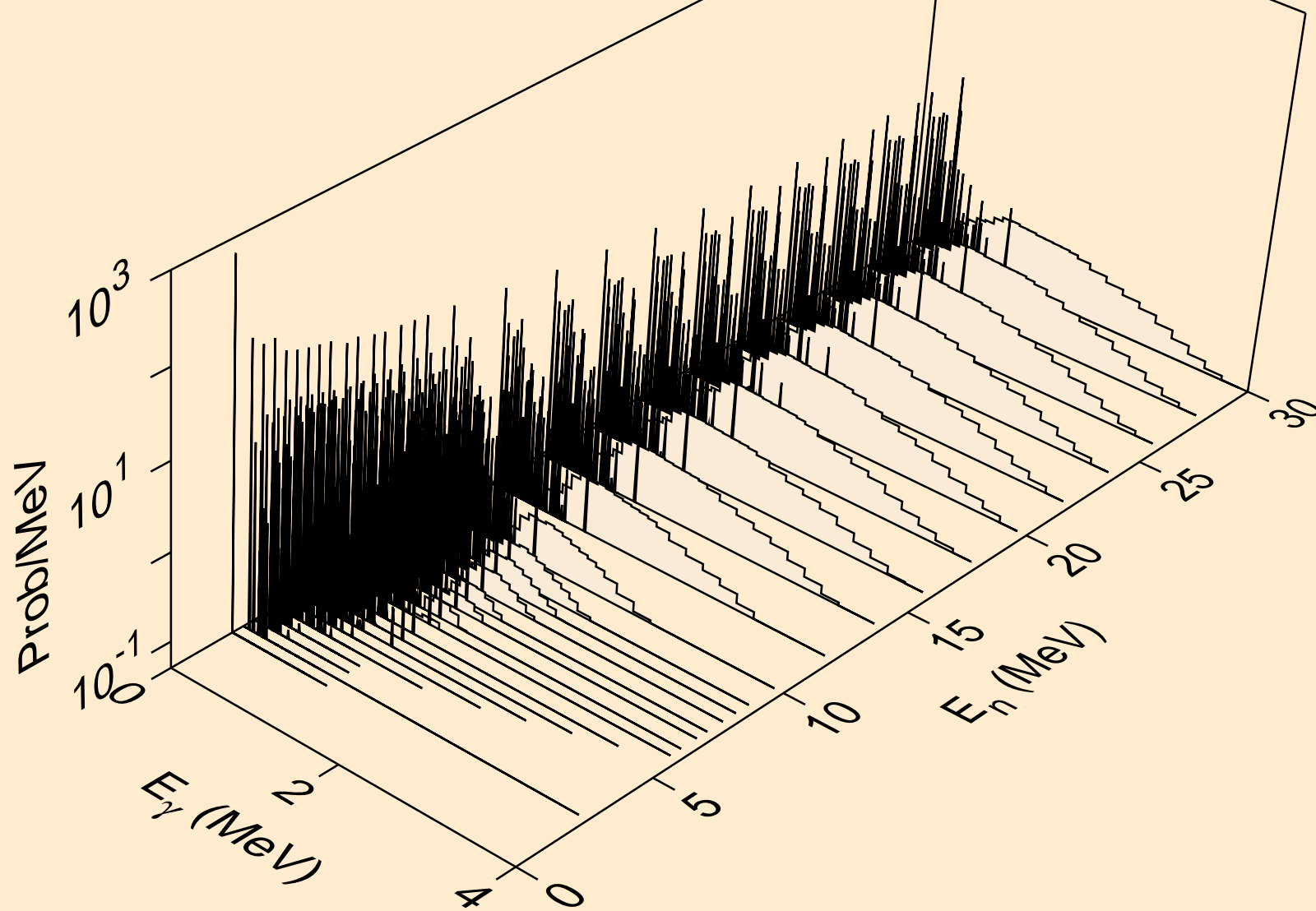
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



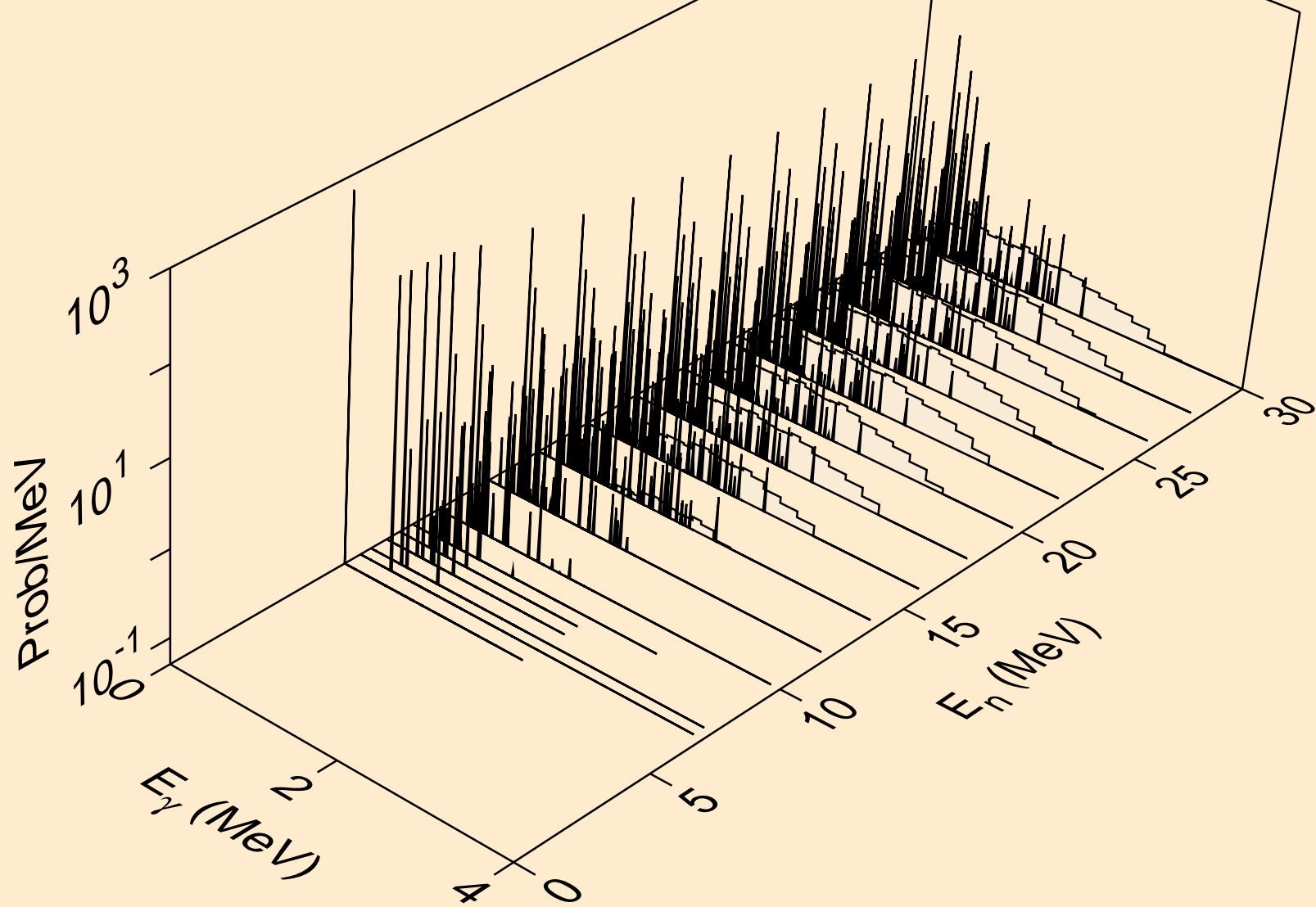
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,gma)



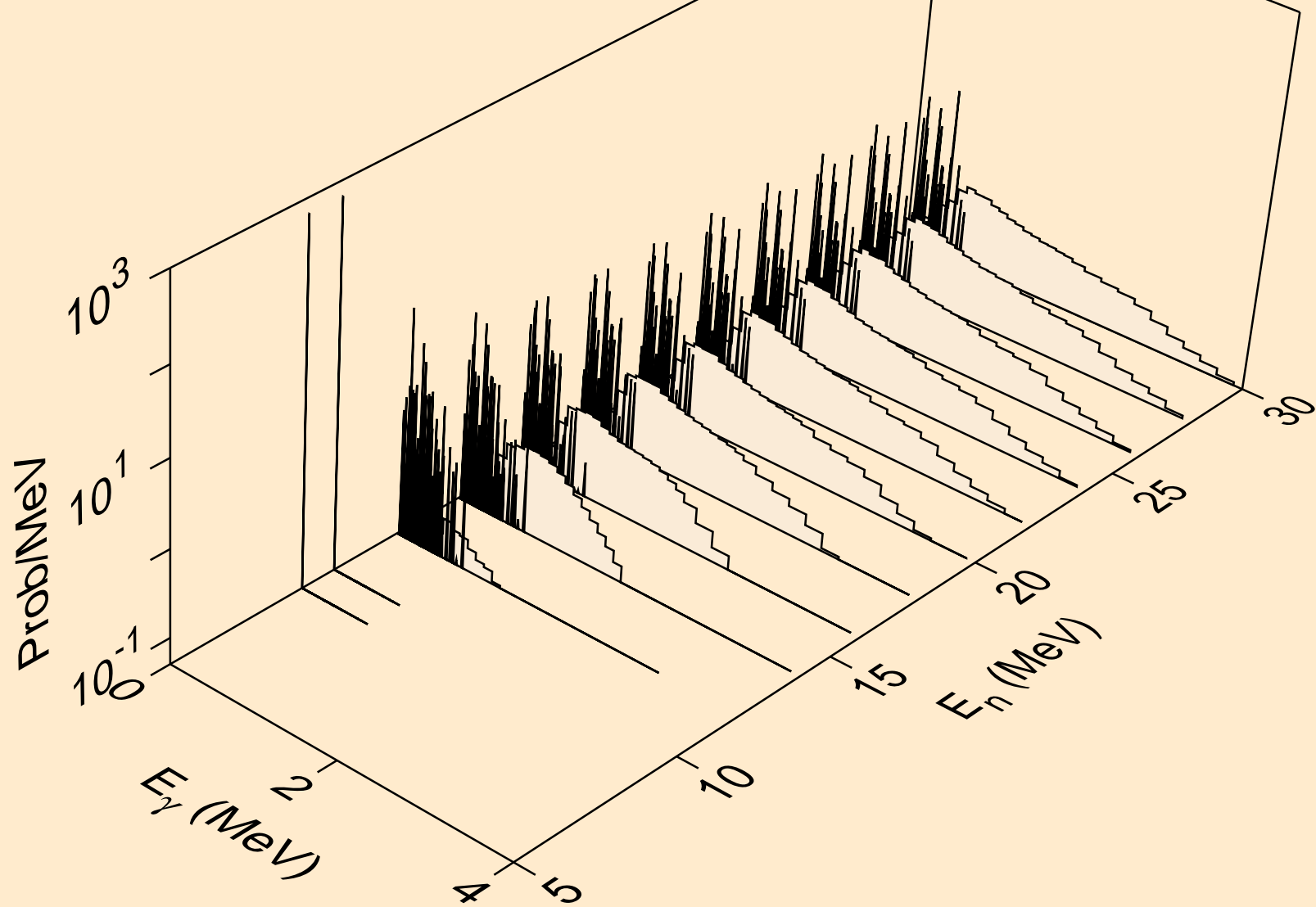
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



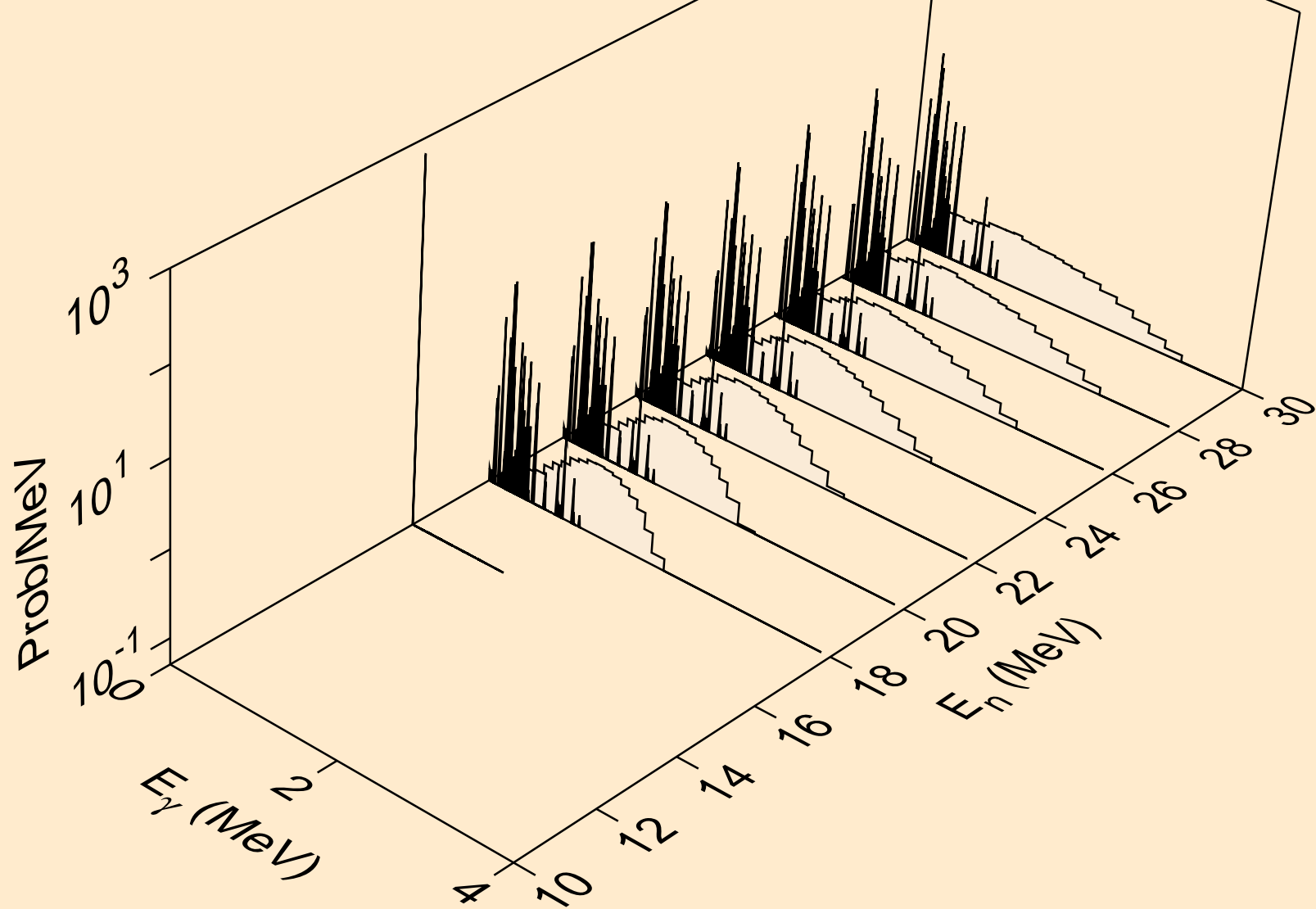
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d)



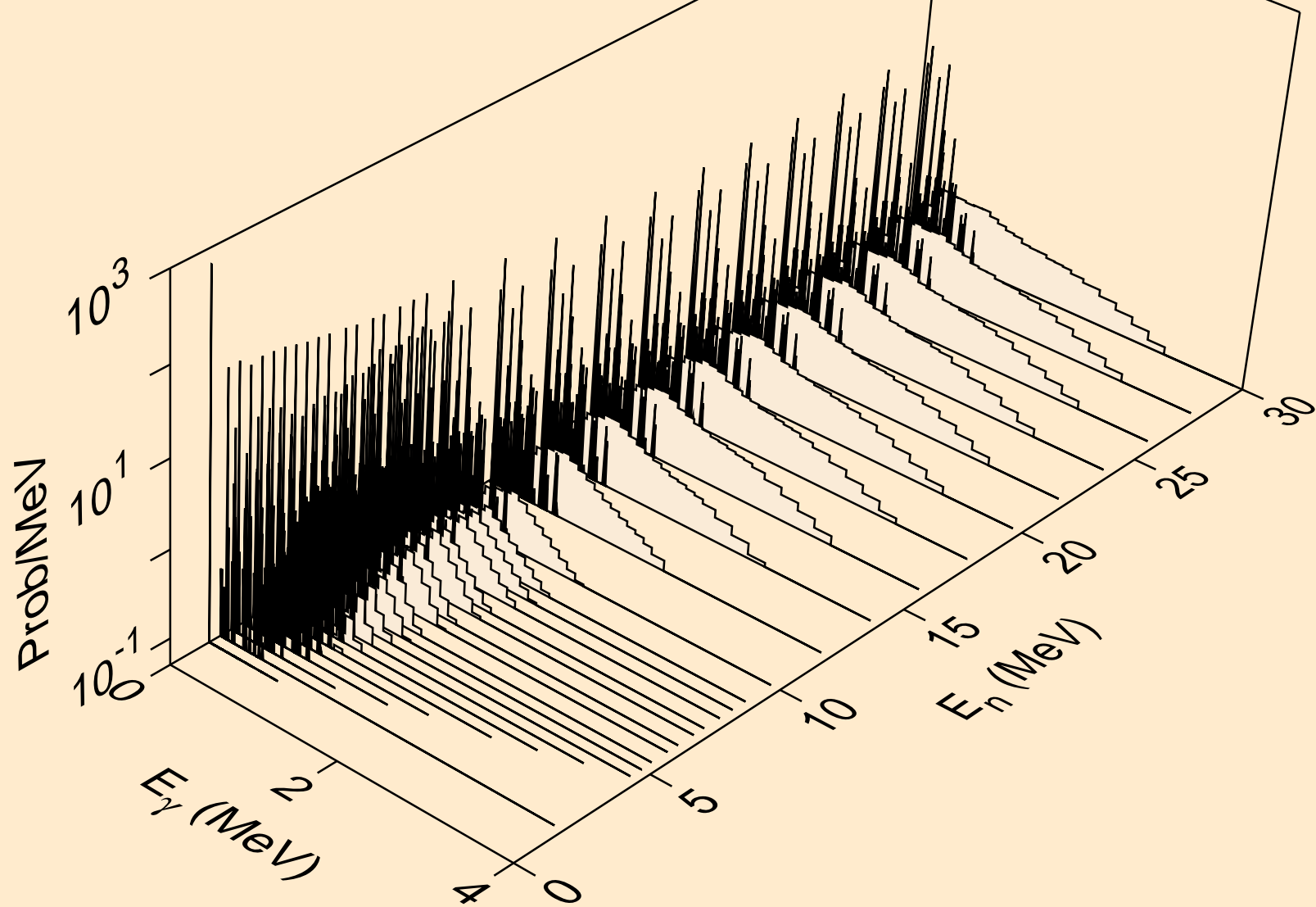
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



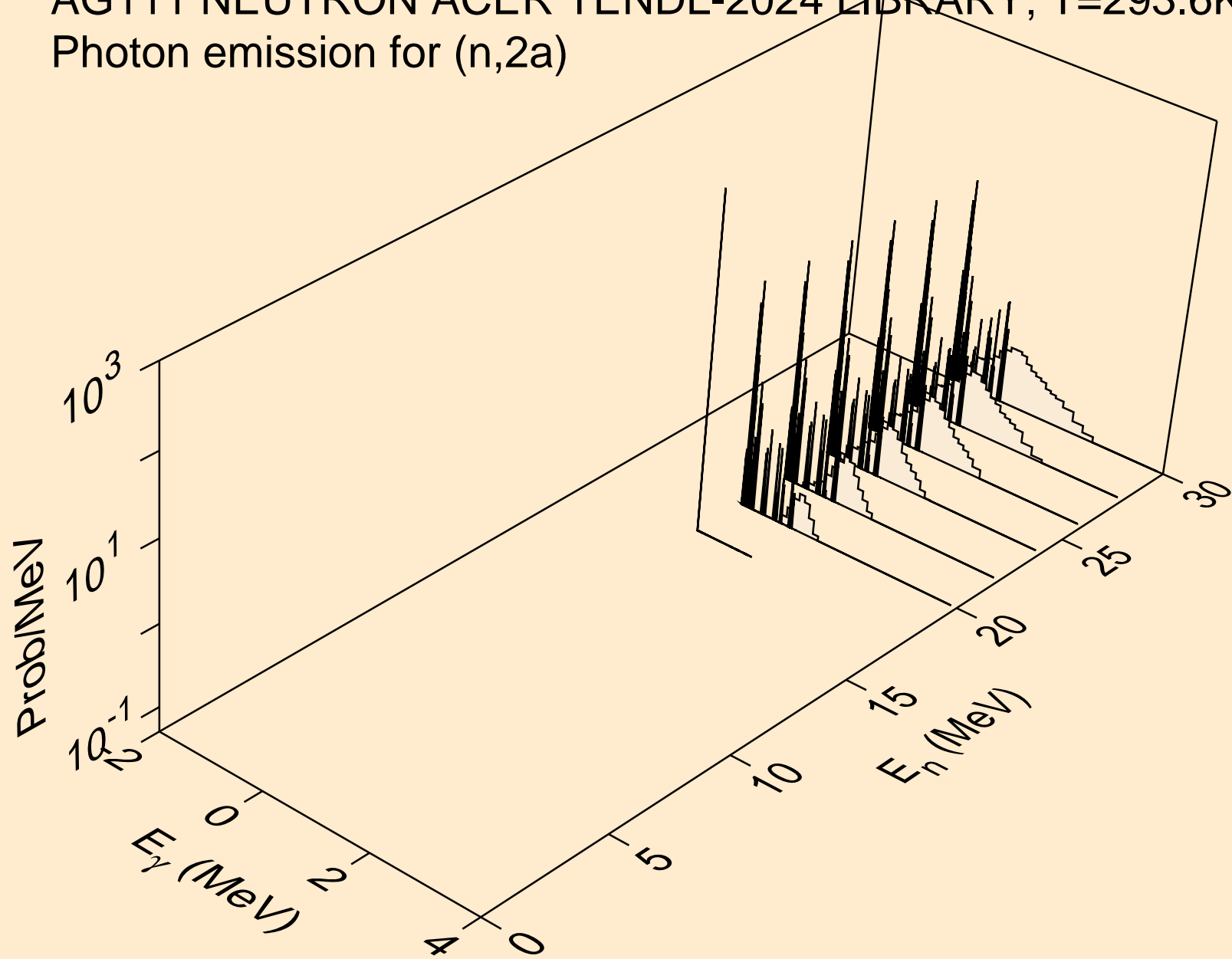
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



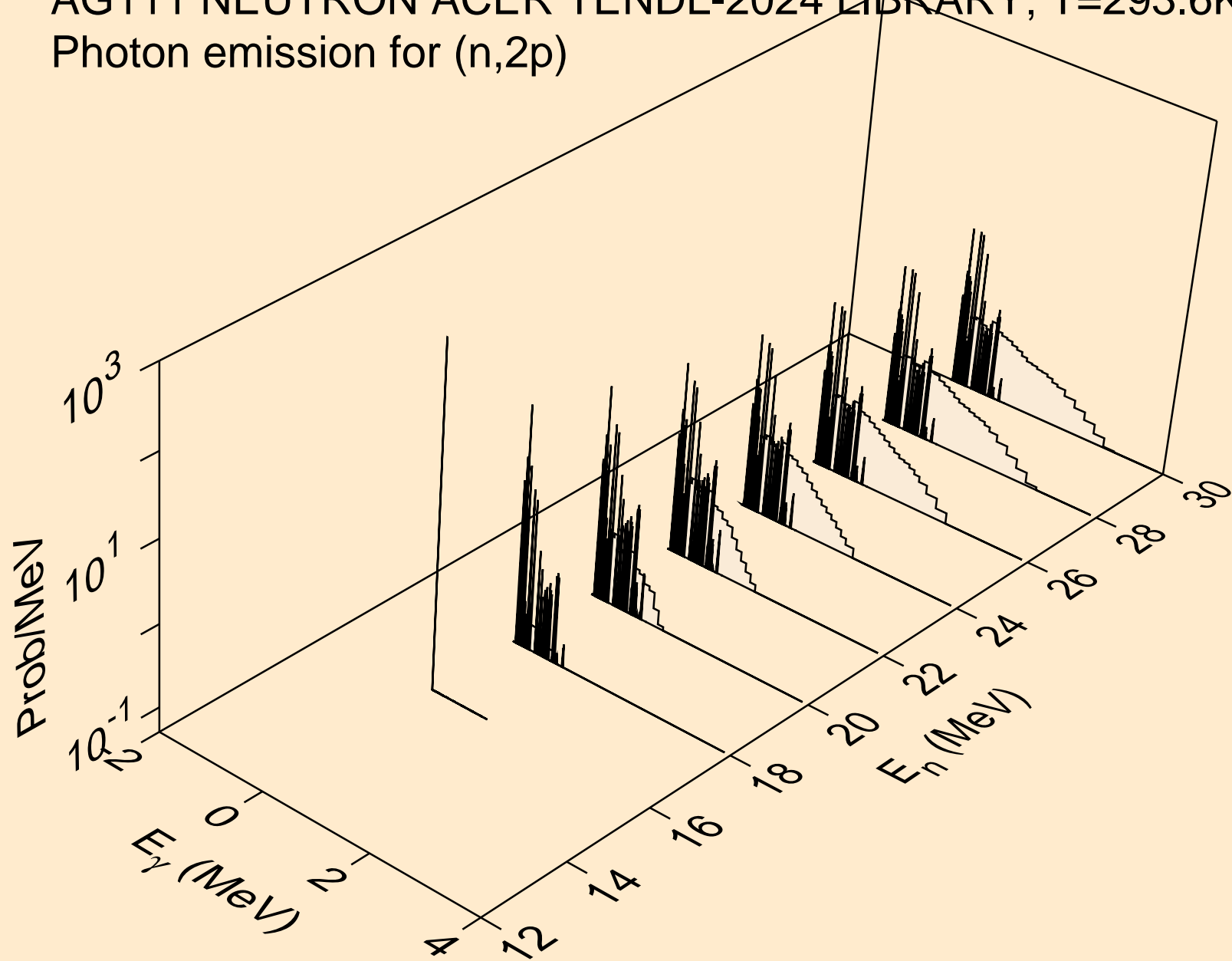
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)



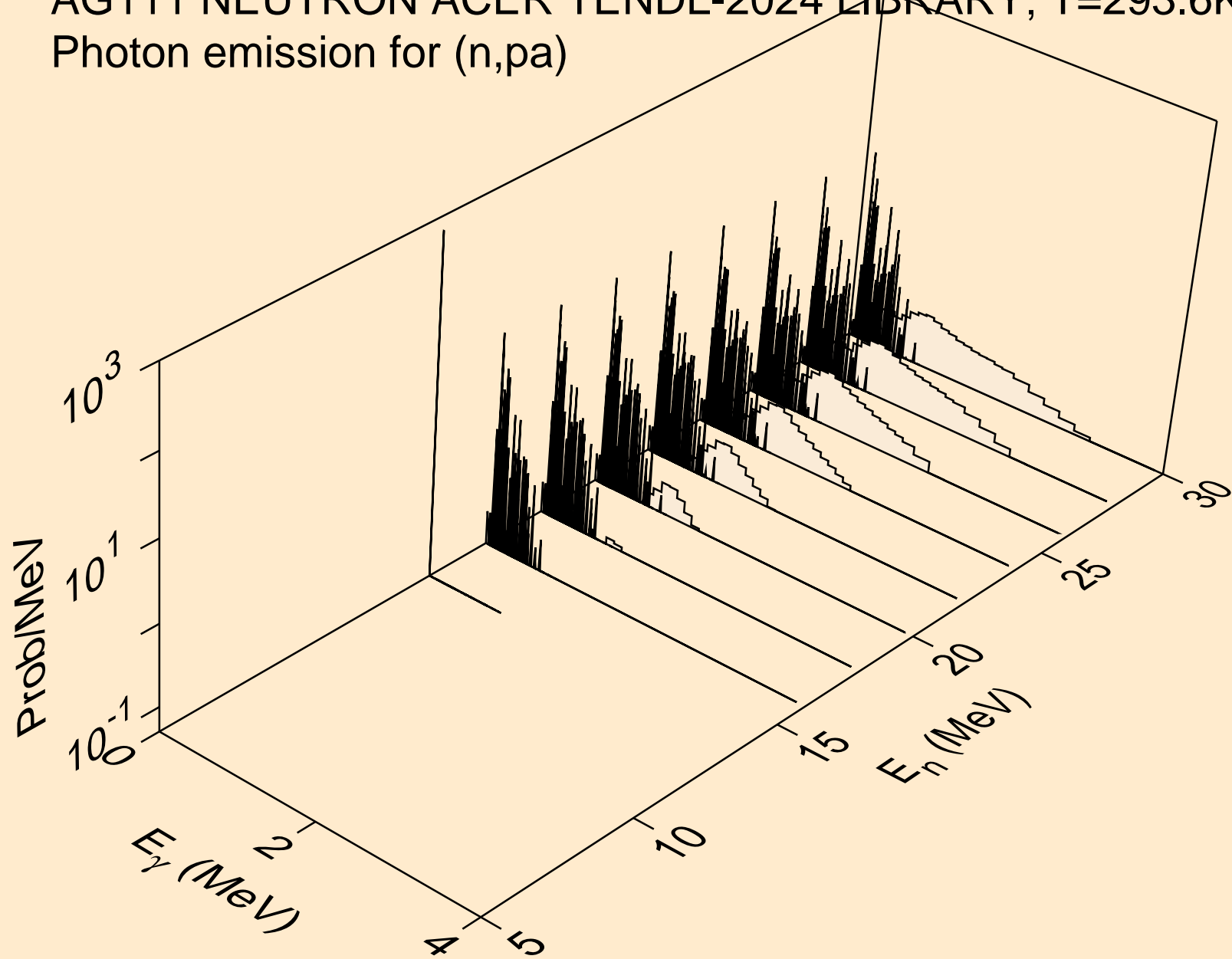
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2a)



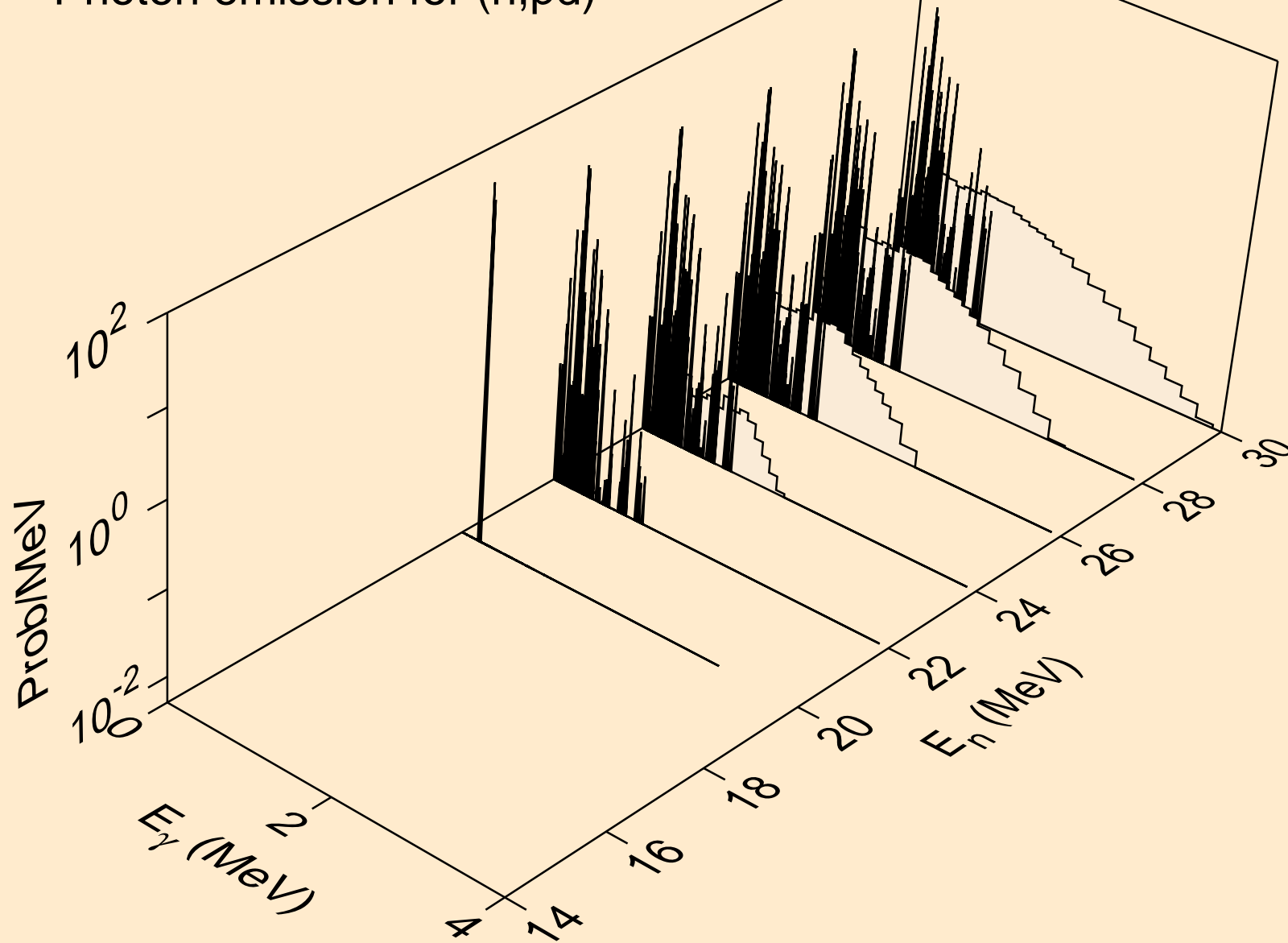
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2p)



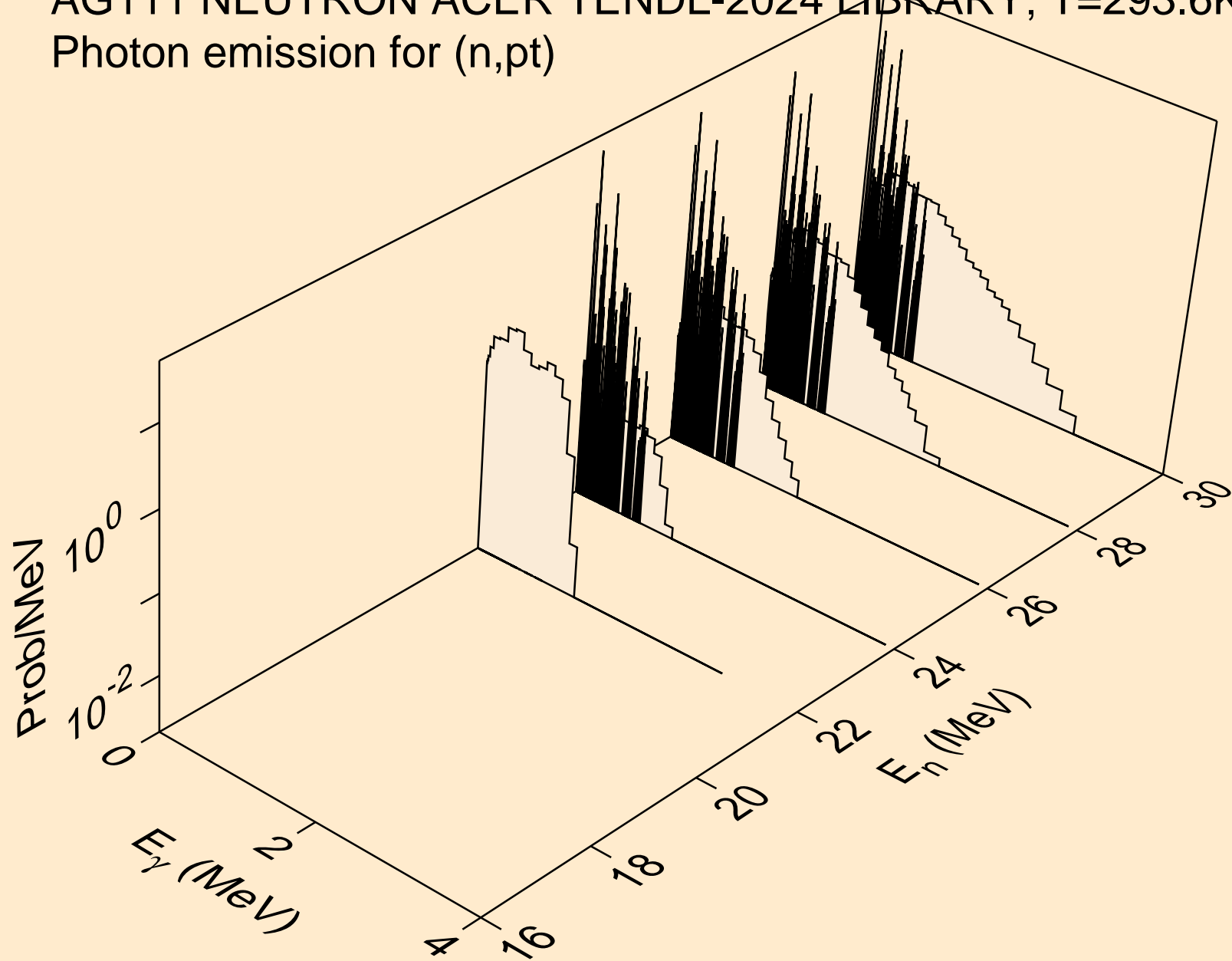
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



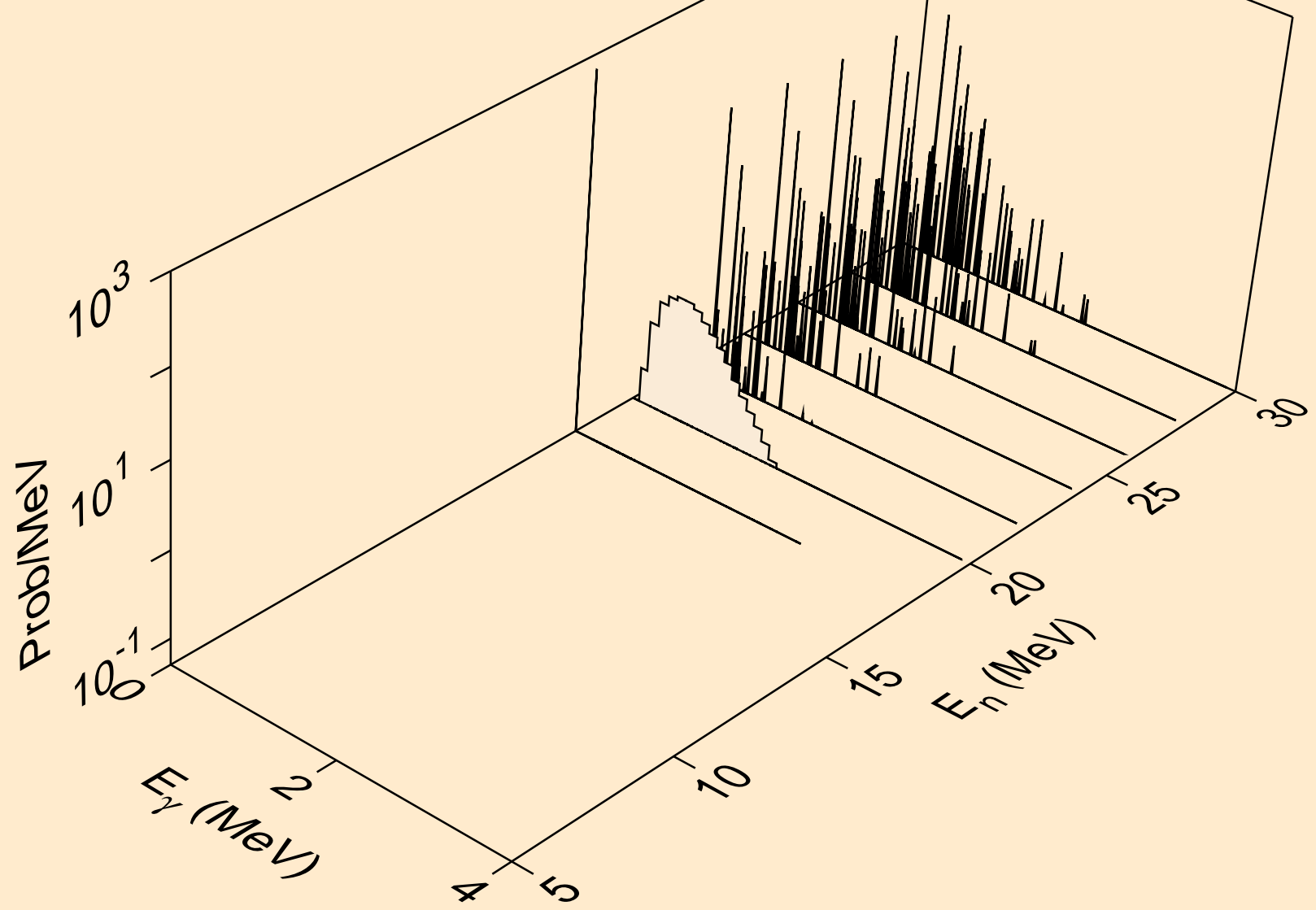
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pd)



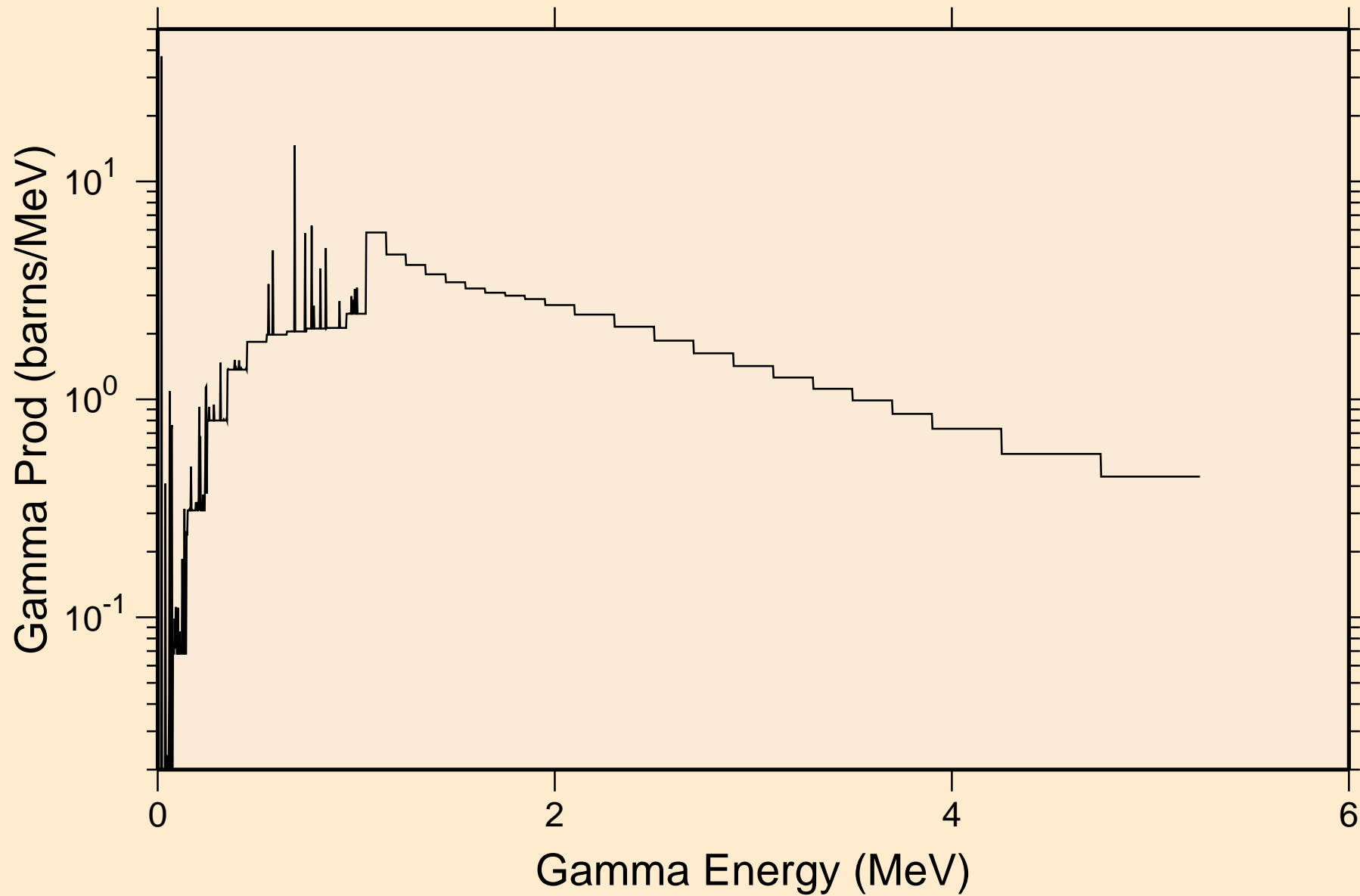
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pt)



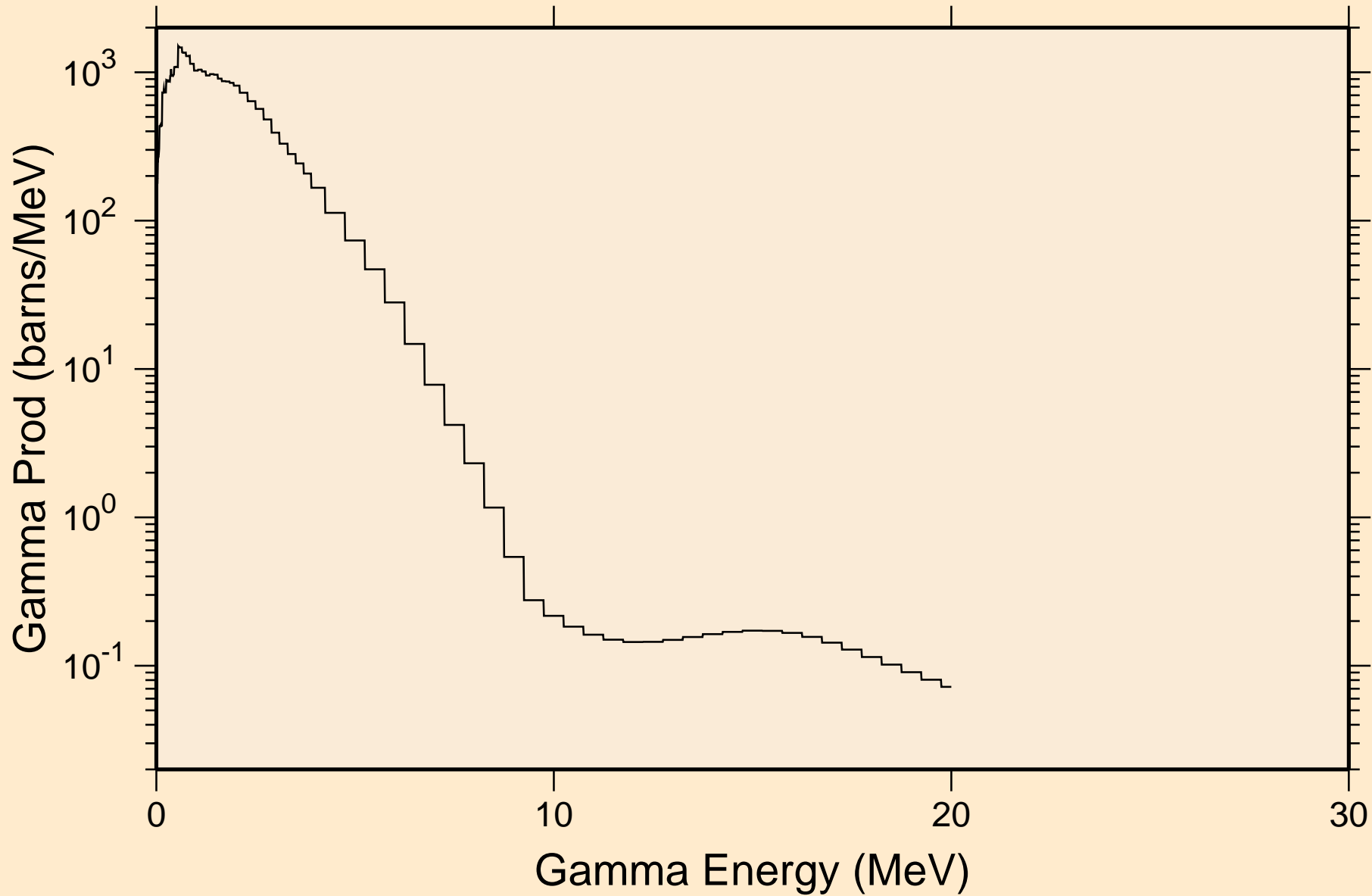
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,da)



AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum

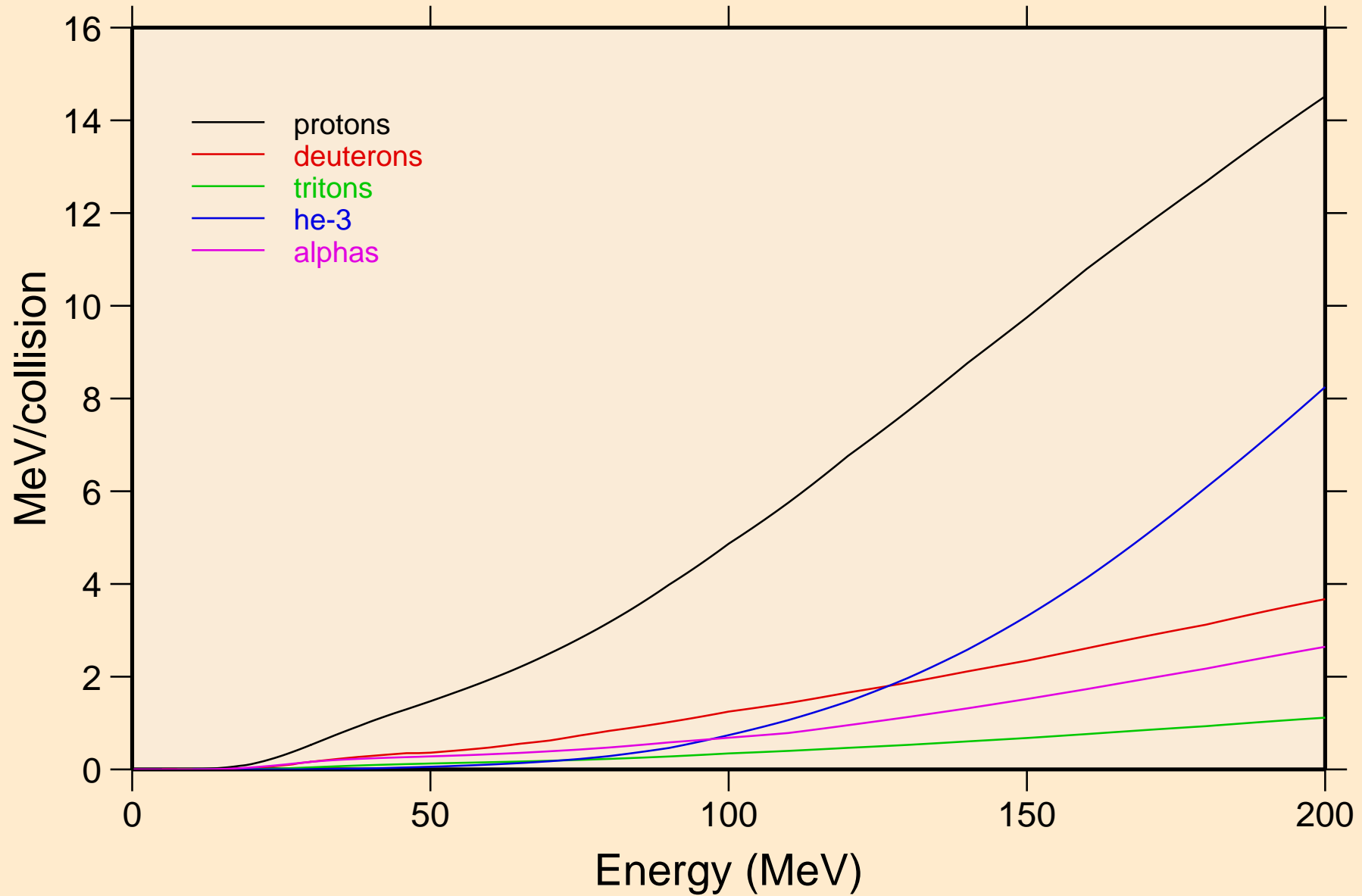


AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum

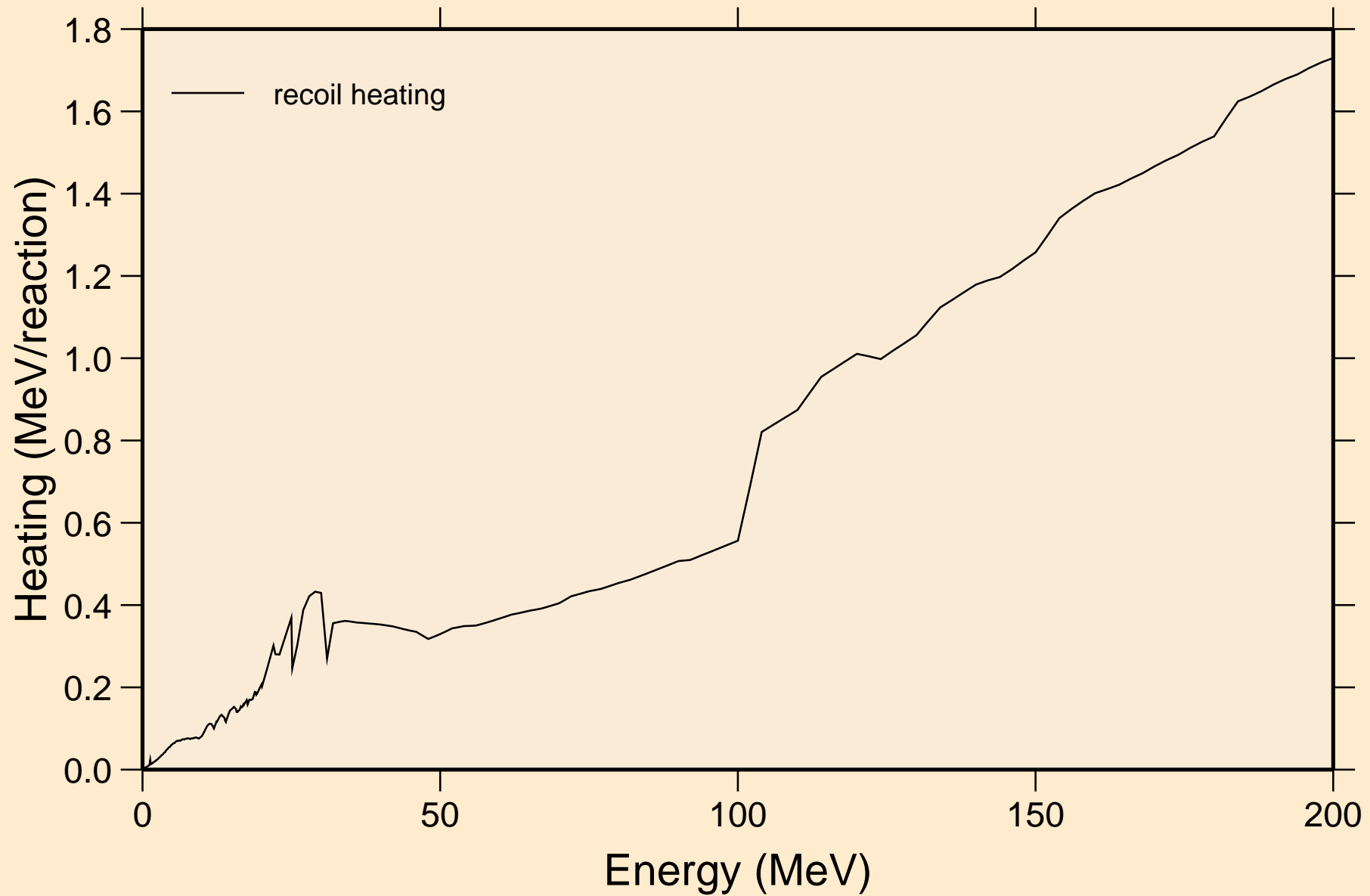


# AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Particle heating contributions

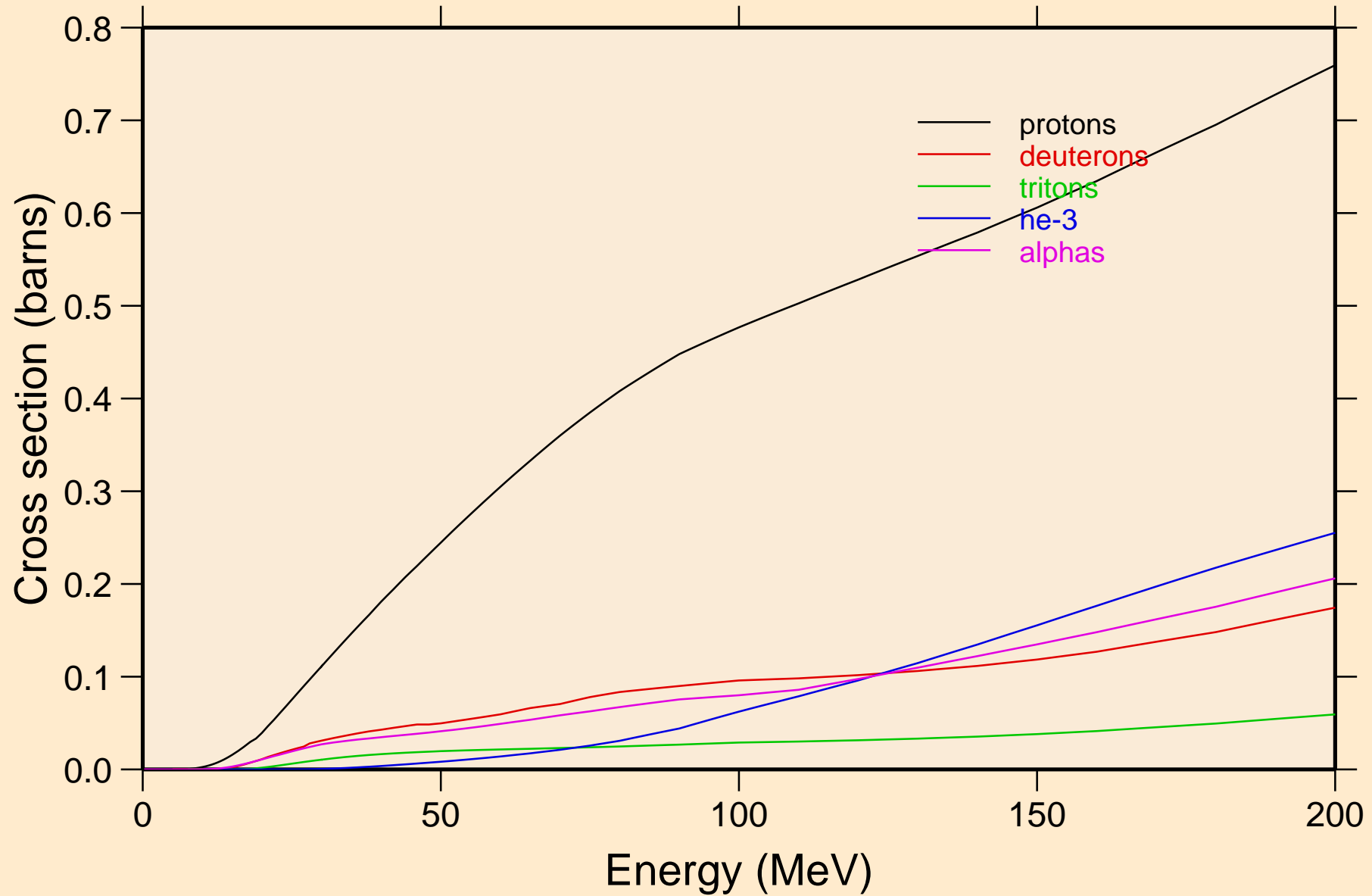


AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Recoil Heating

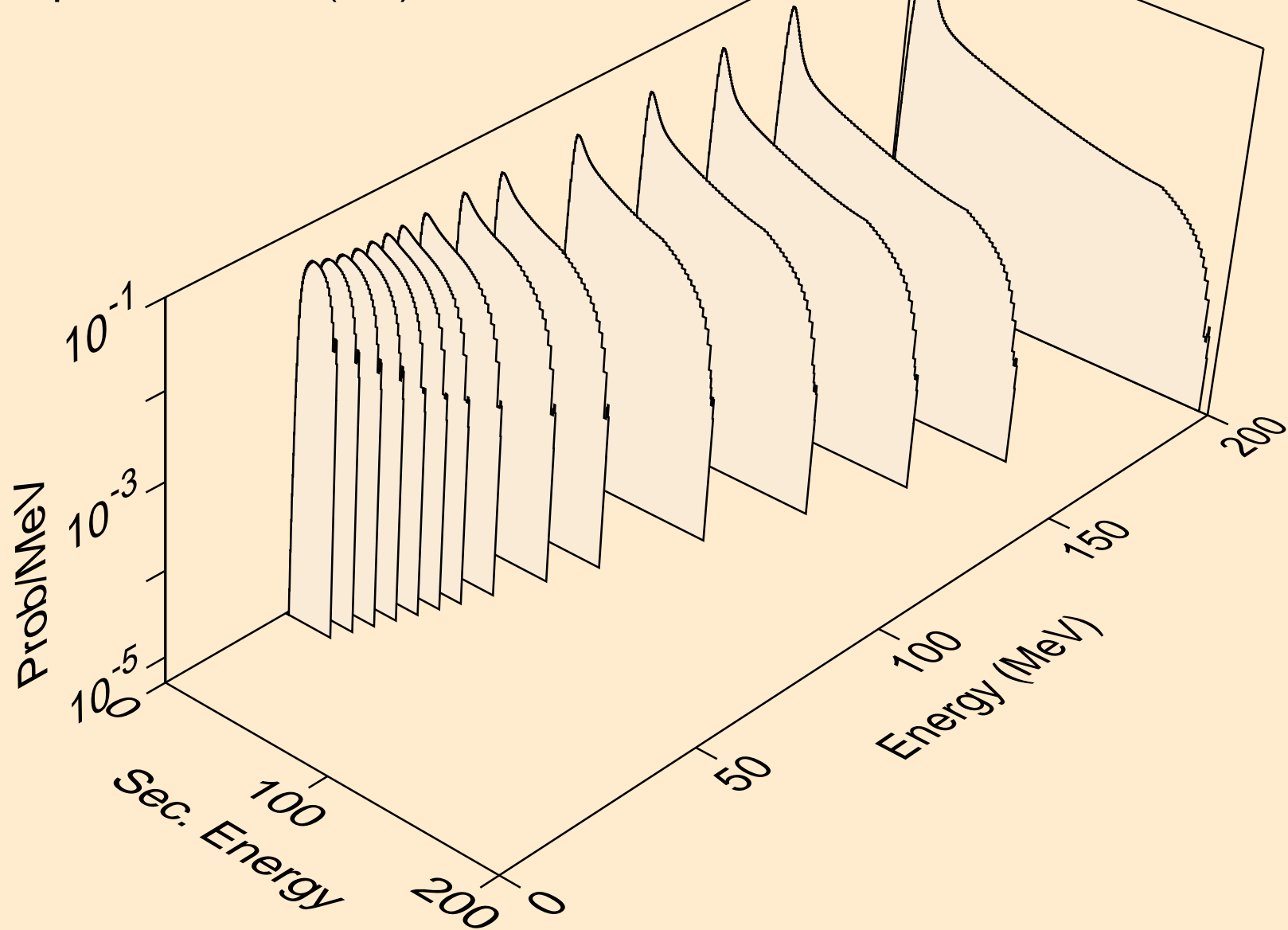


# AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

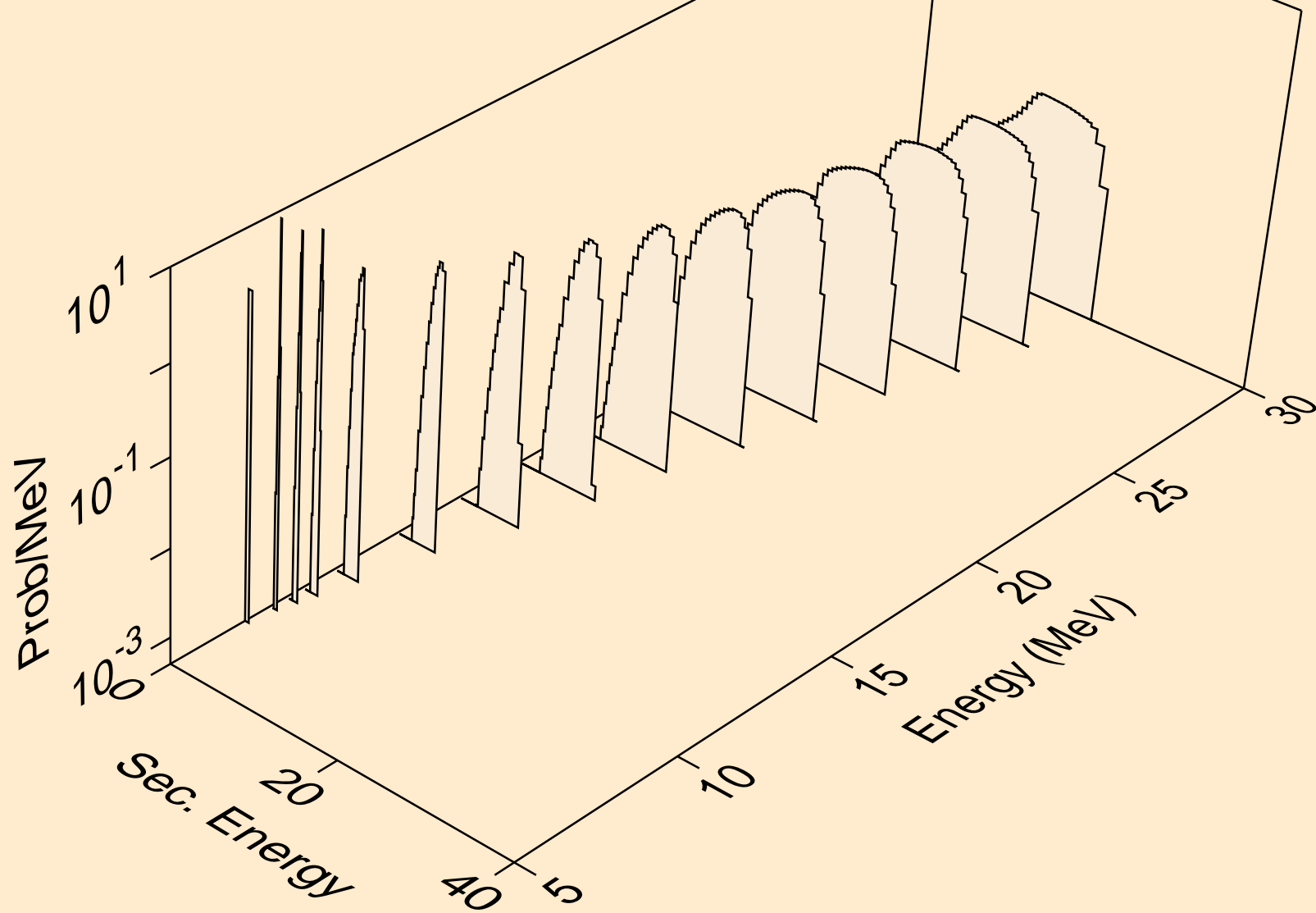
## Particle production cross sections



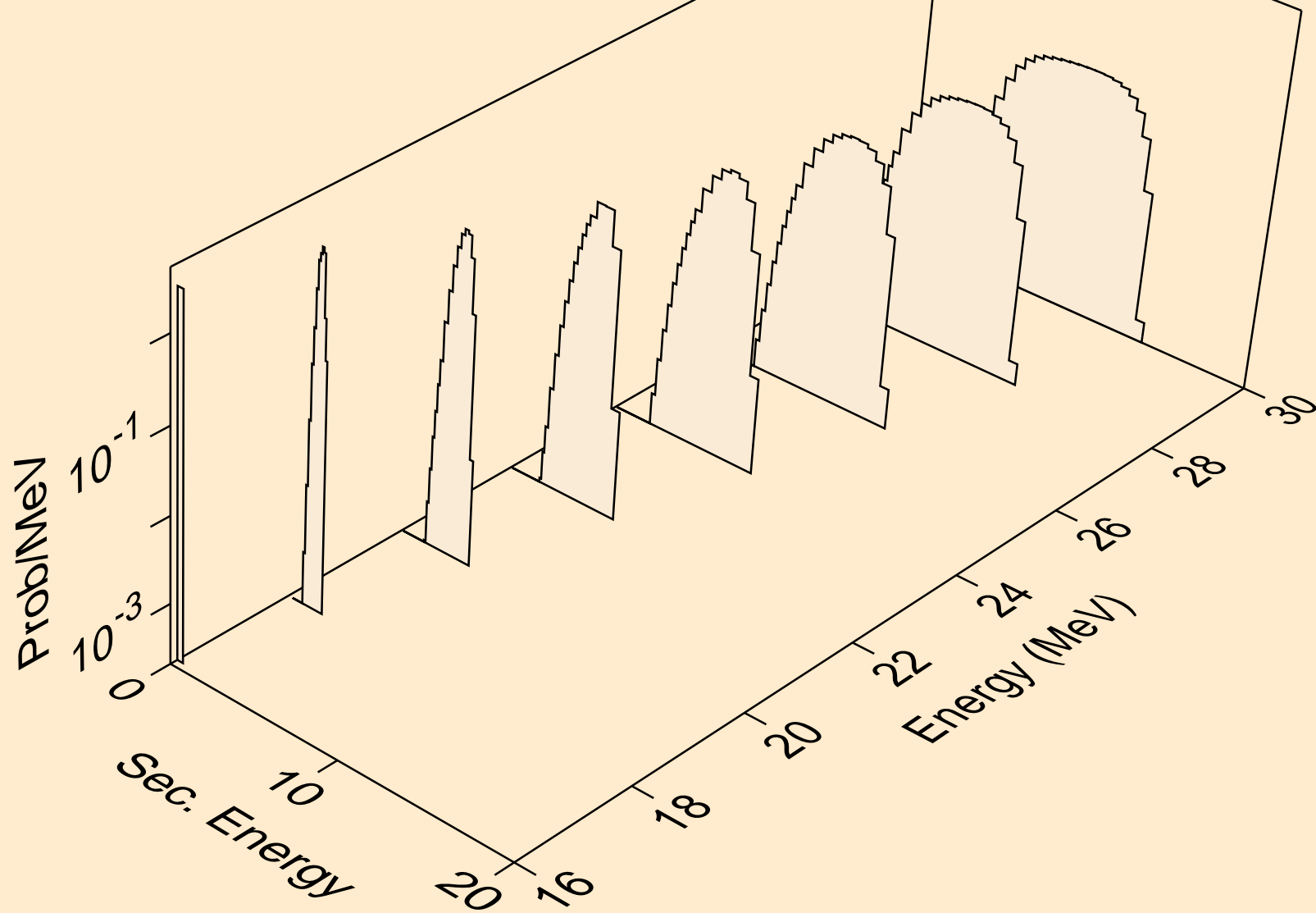
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



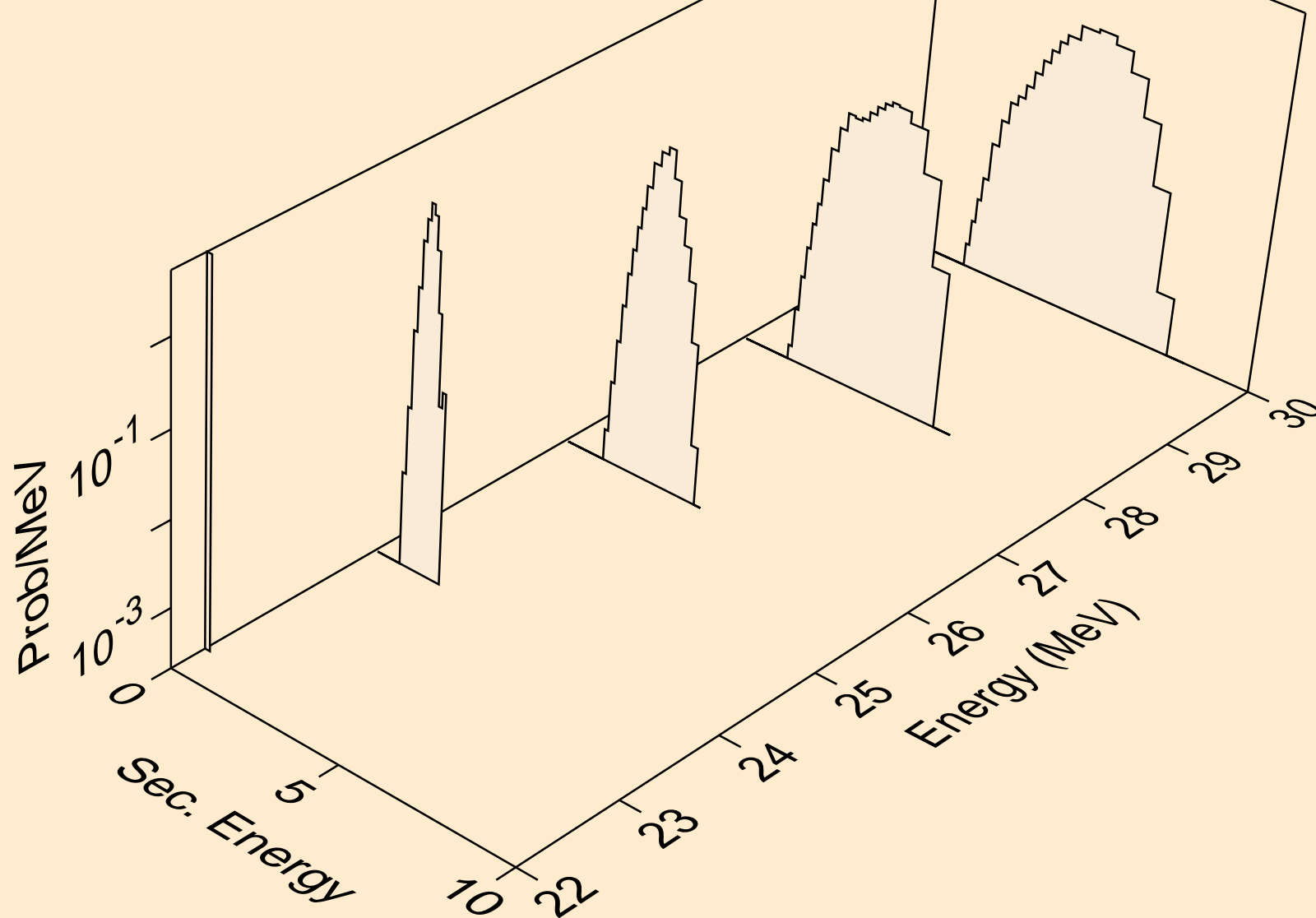
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



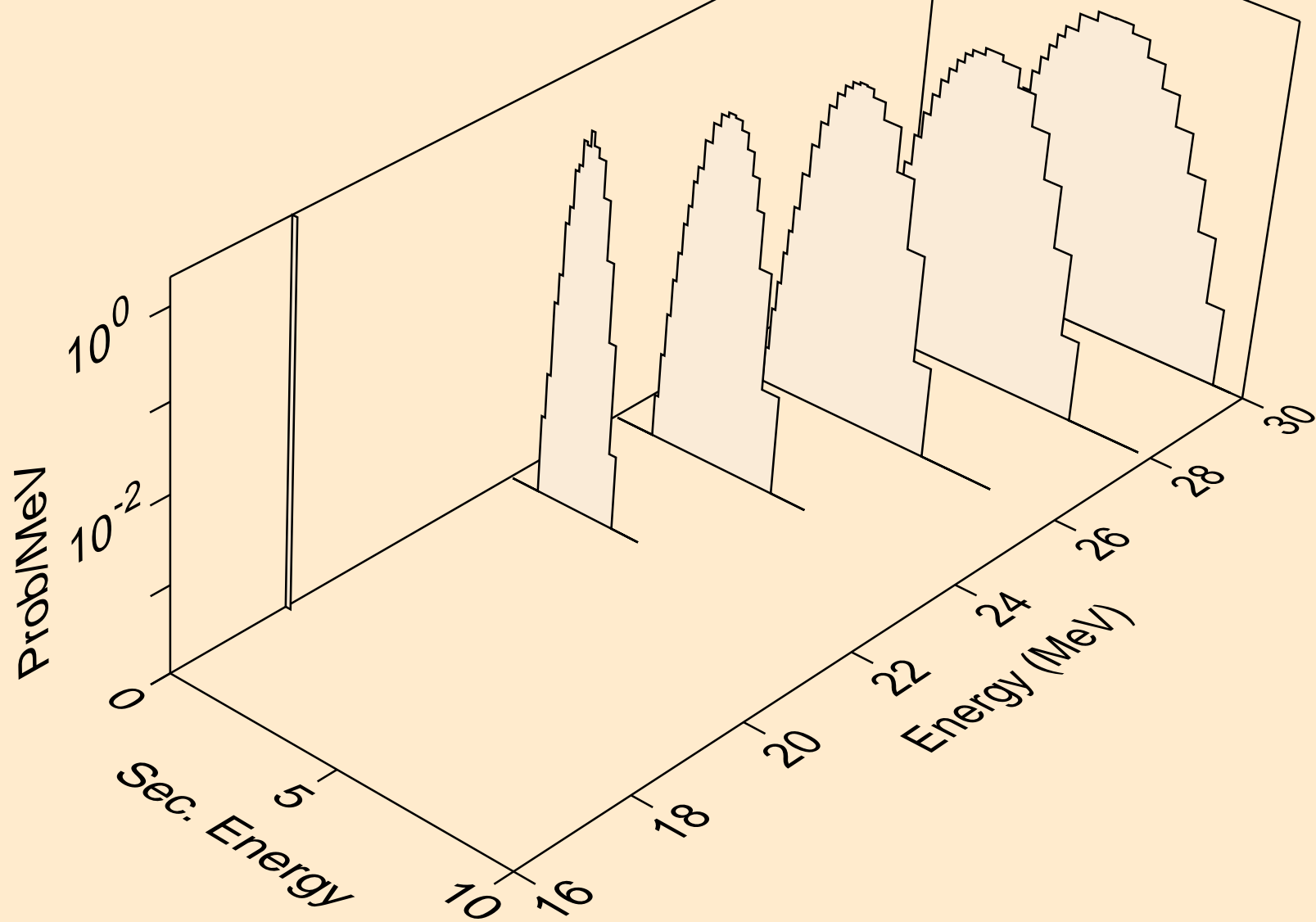
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2np)



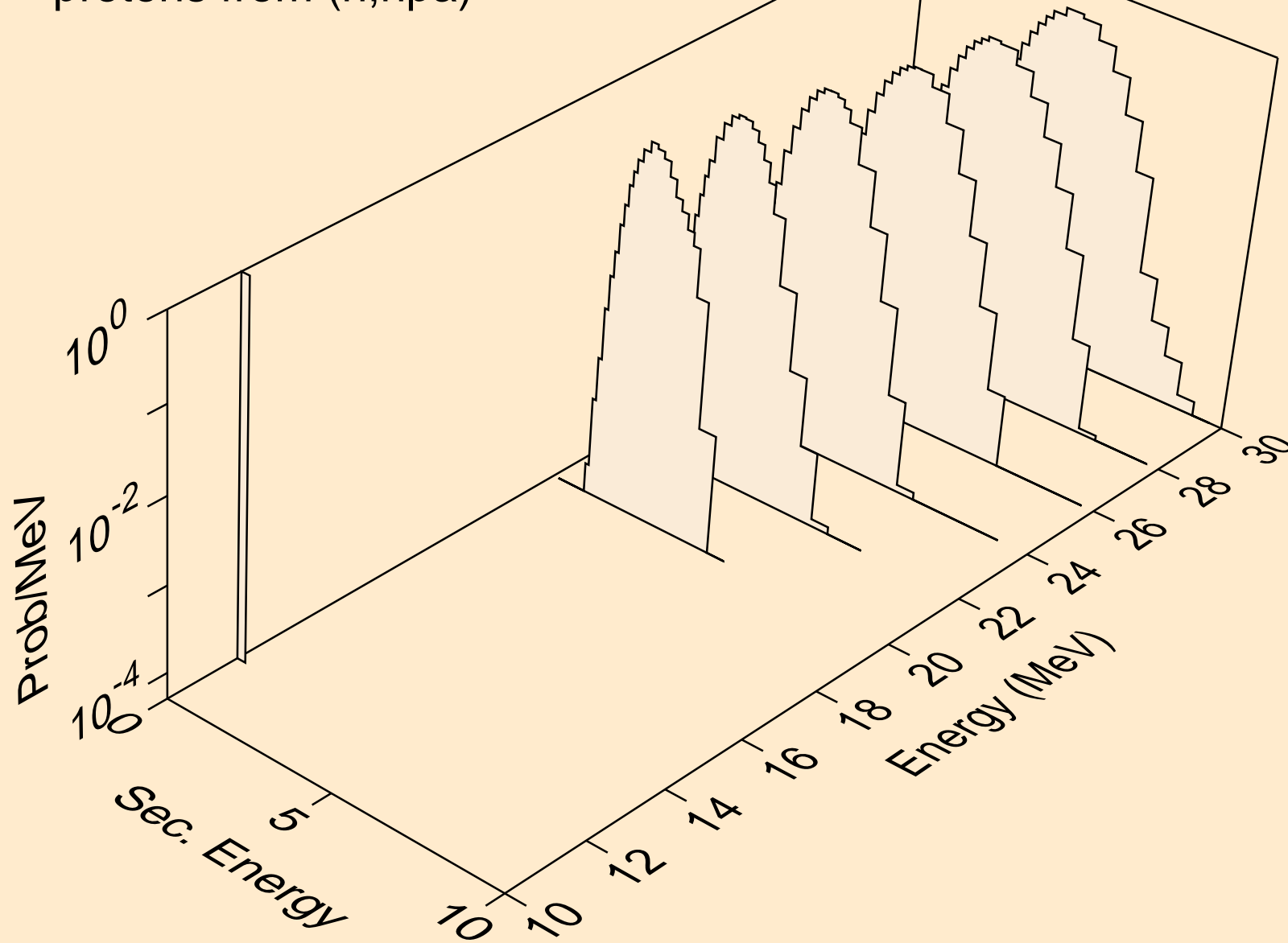
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,3np)



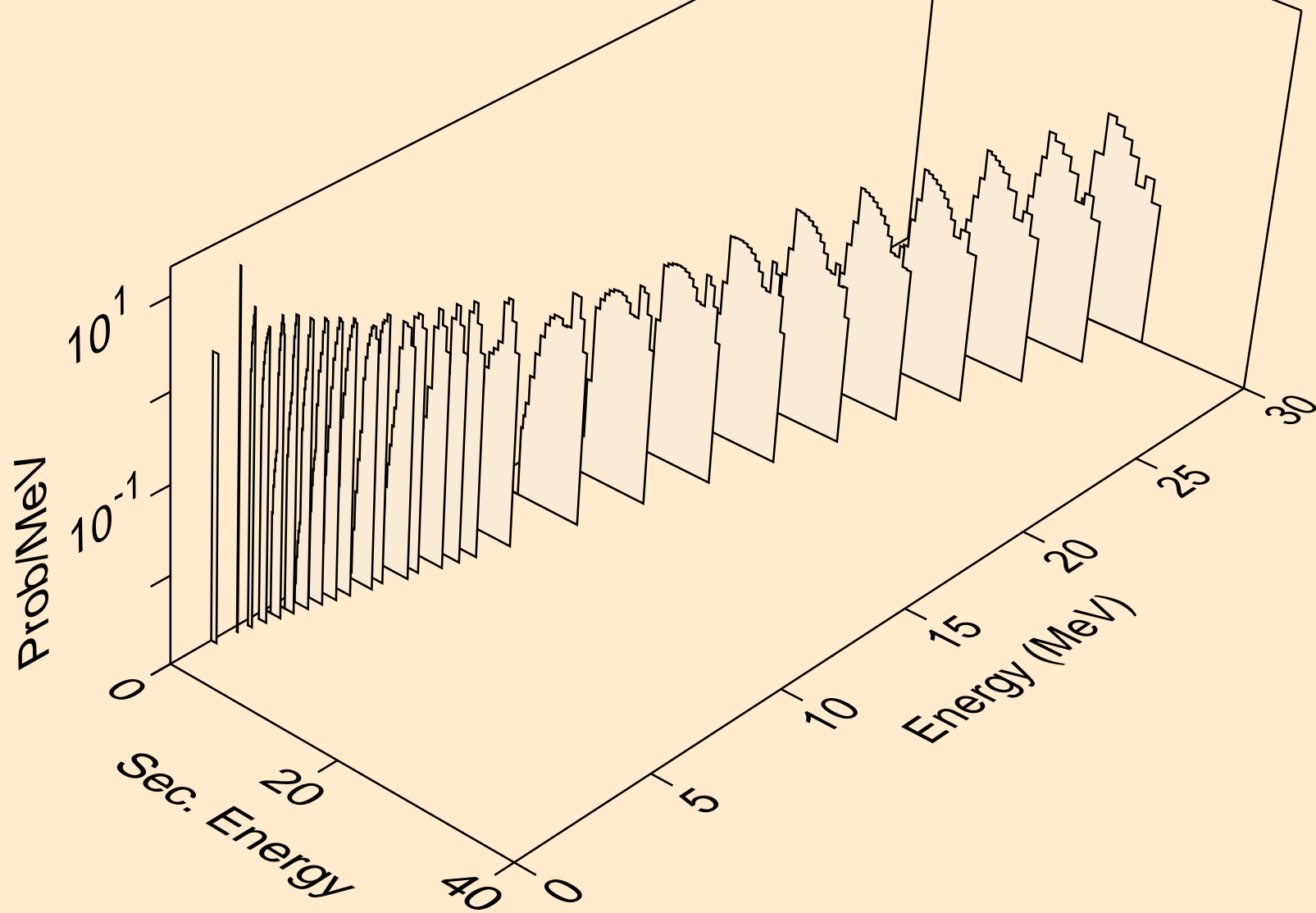
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n2p)



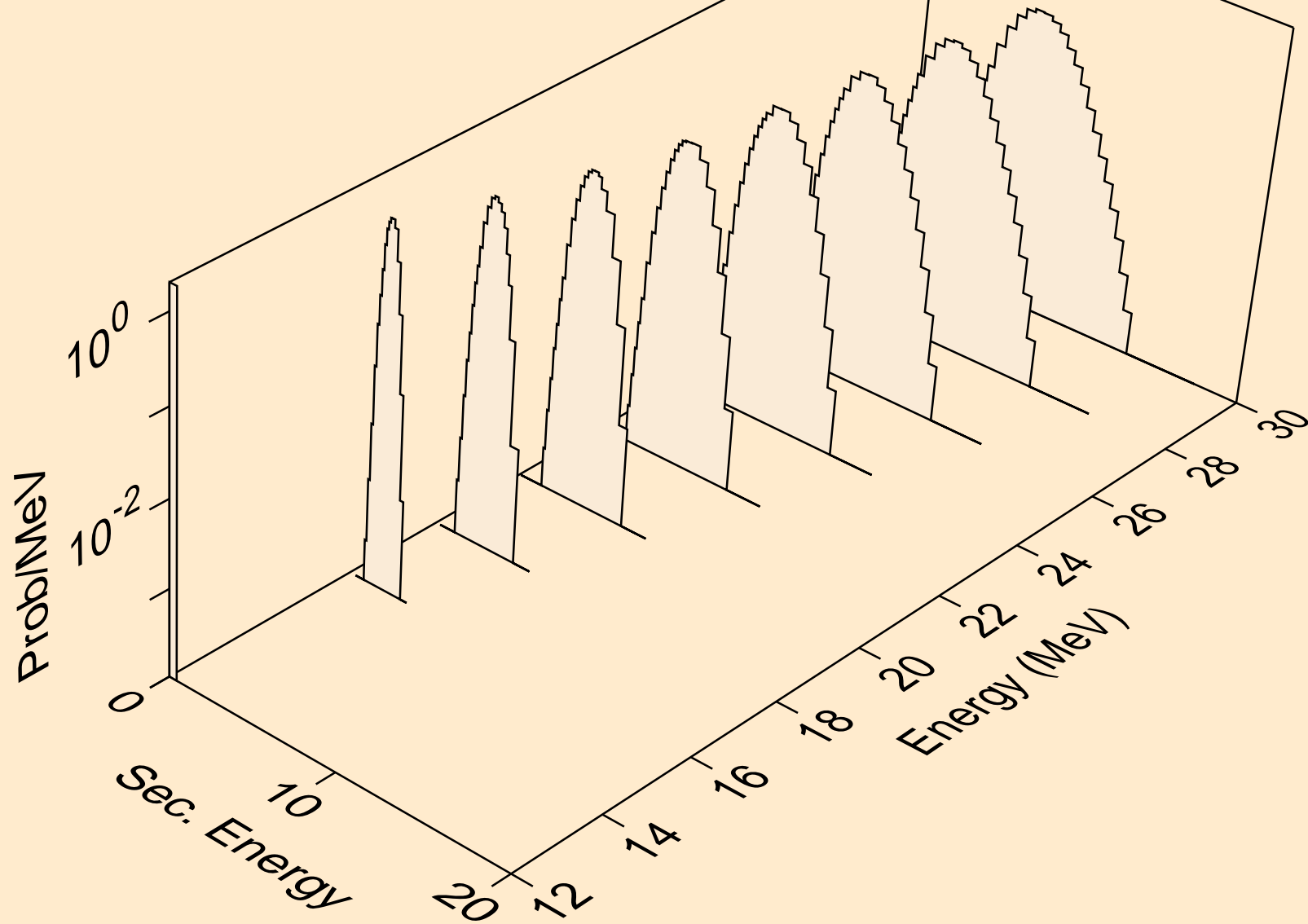
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,npa)



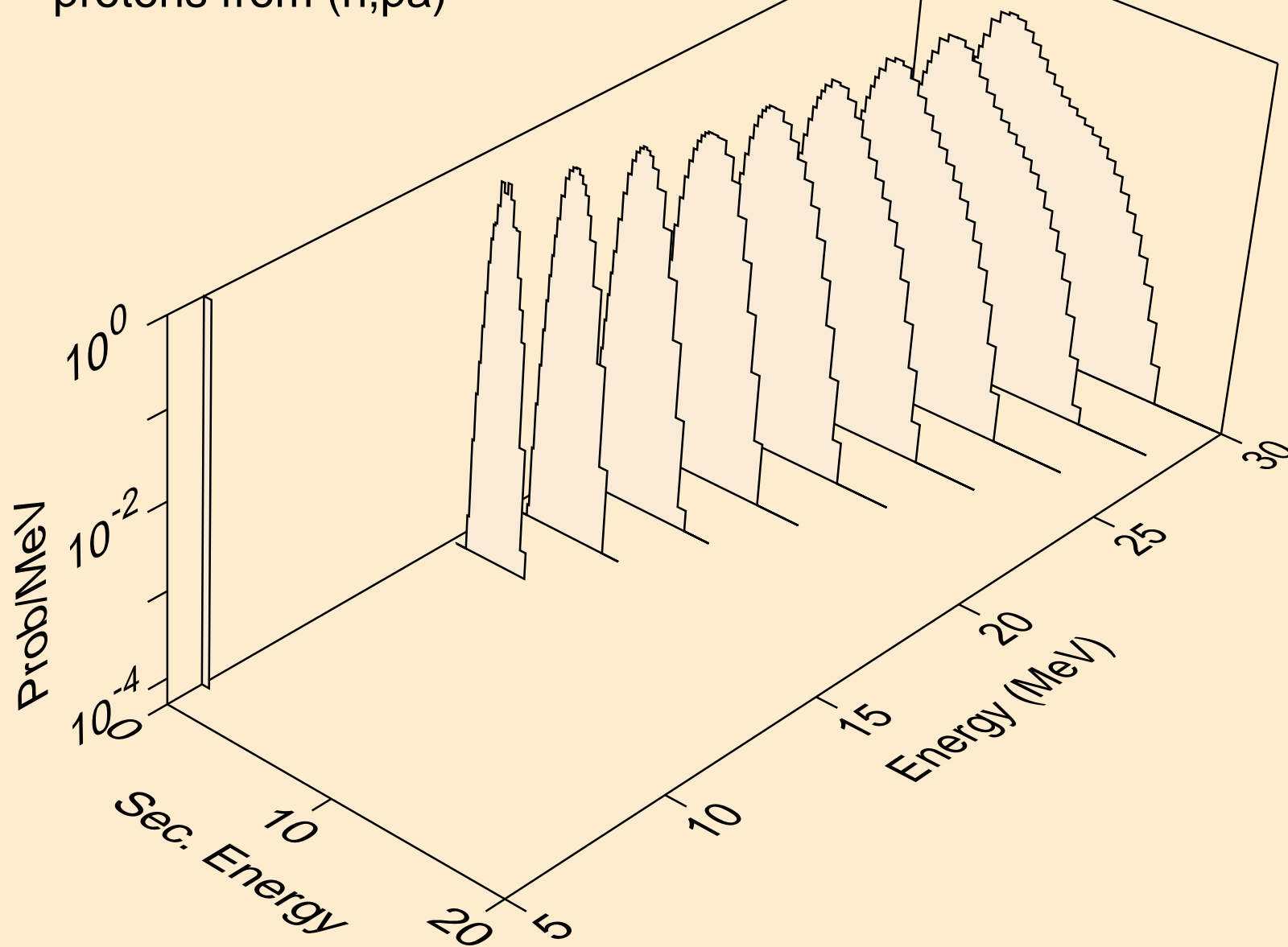
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,p)



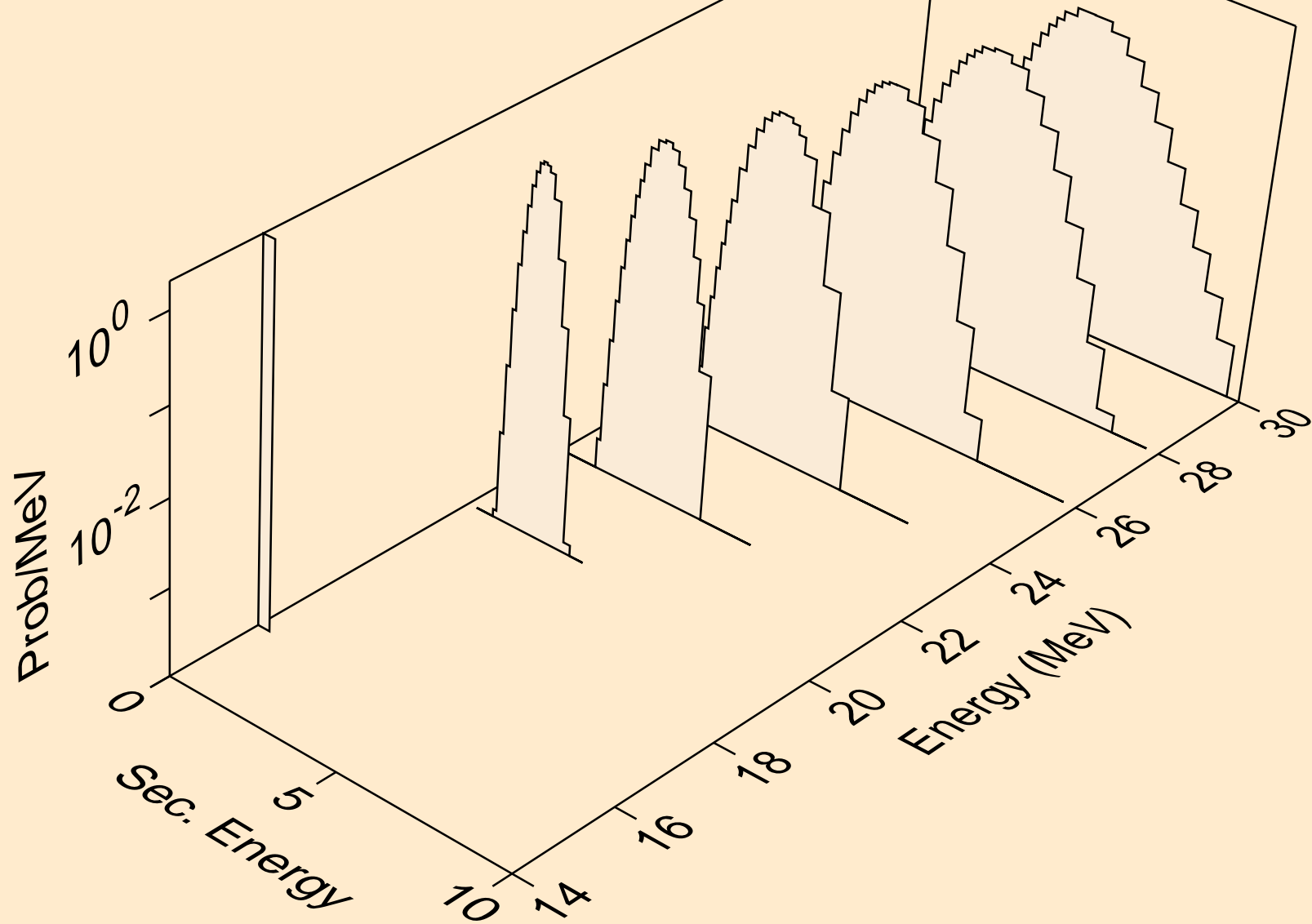
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2p)



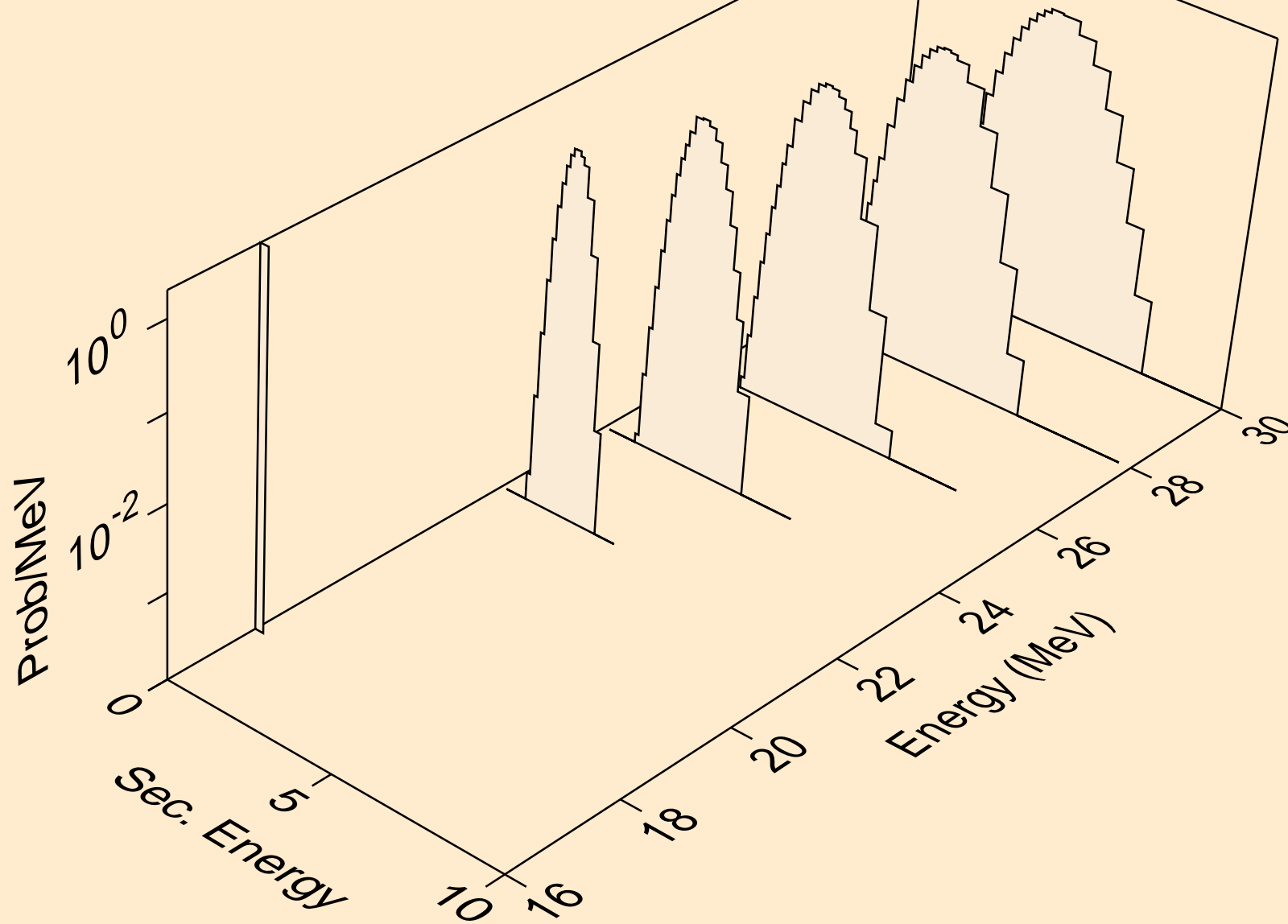
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,pa)



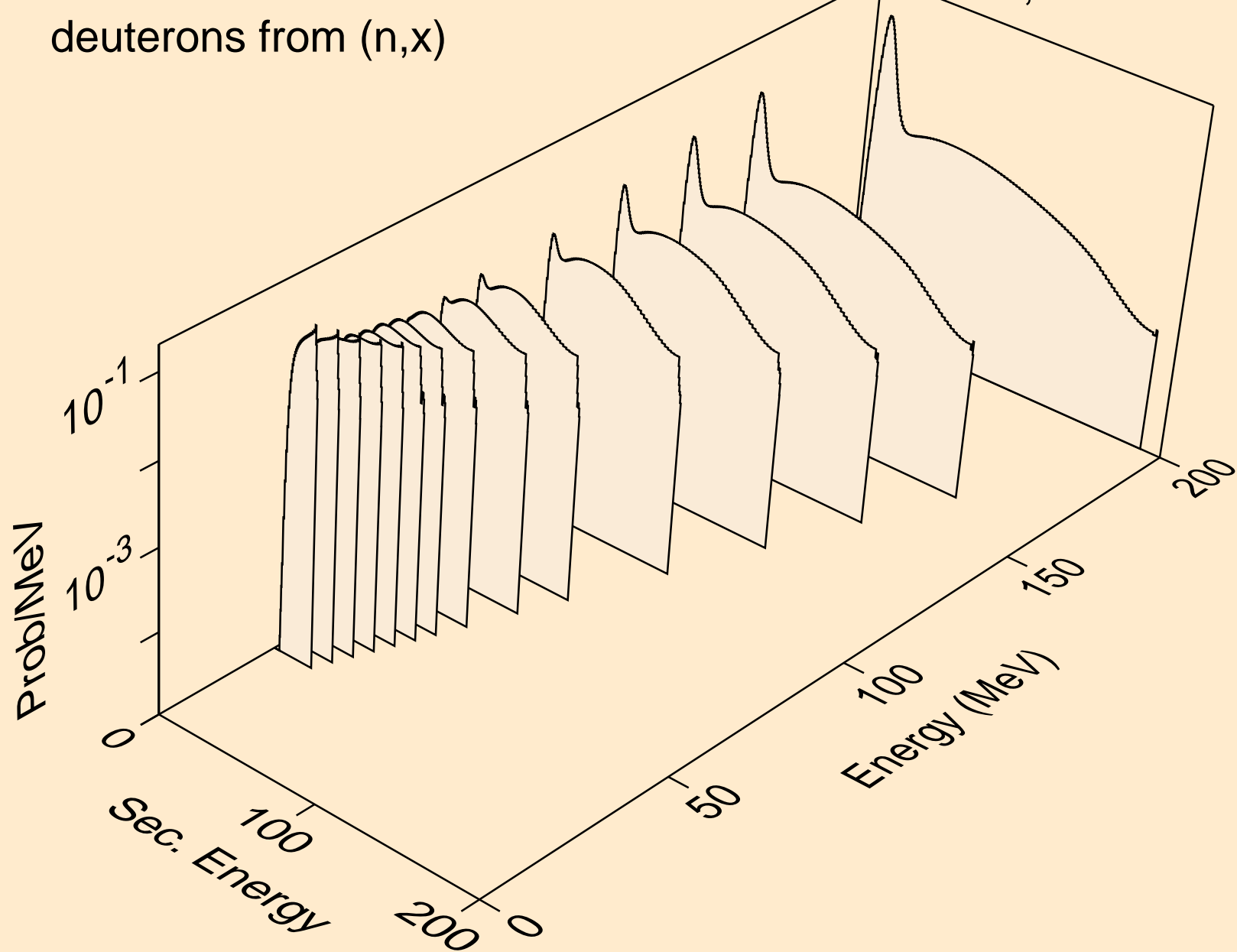
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,pd)



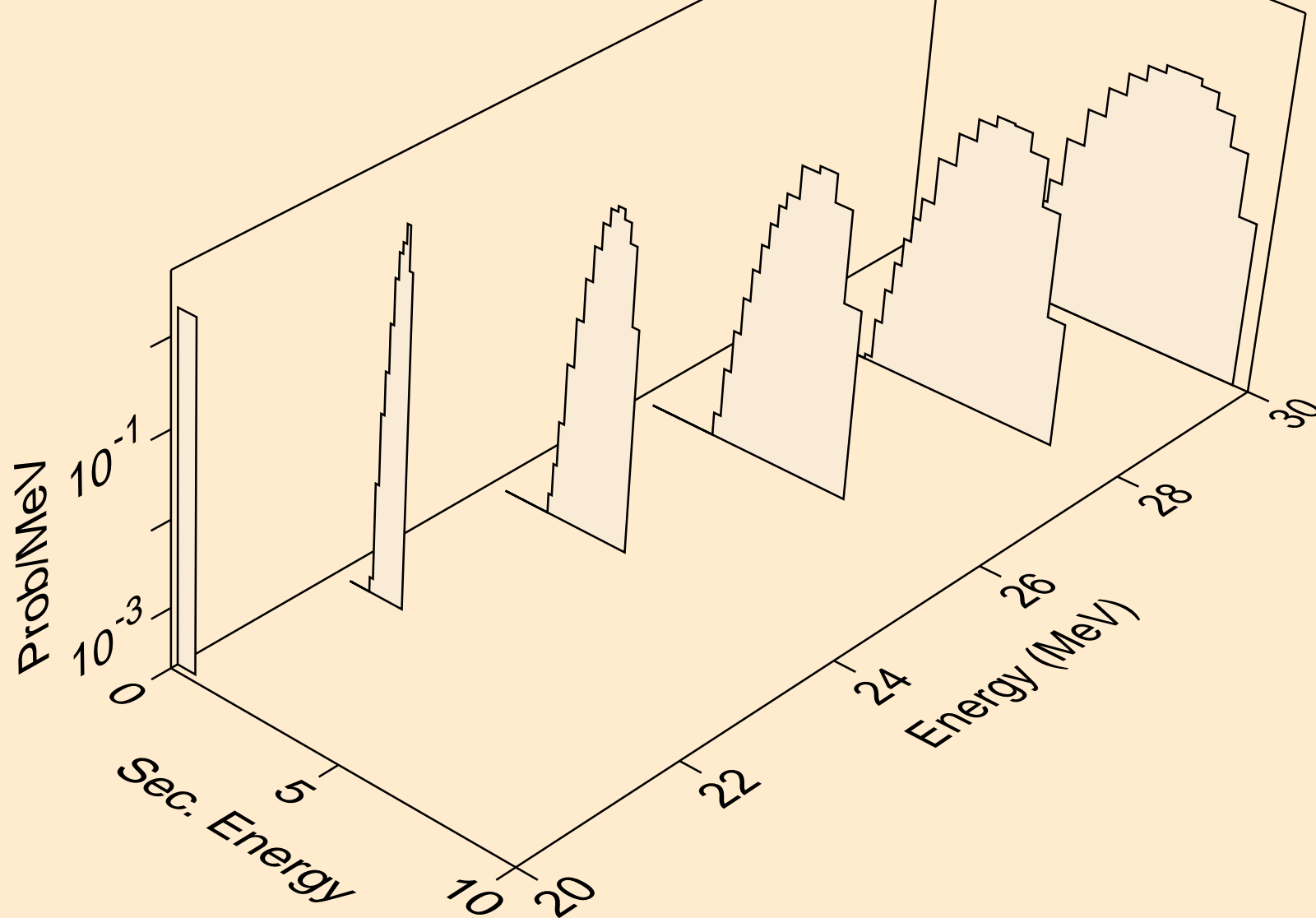
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,pt)



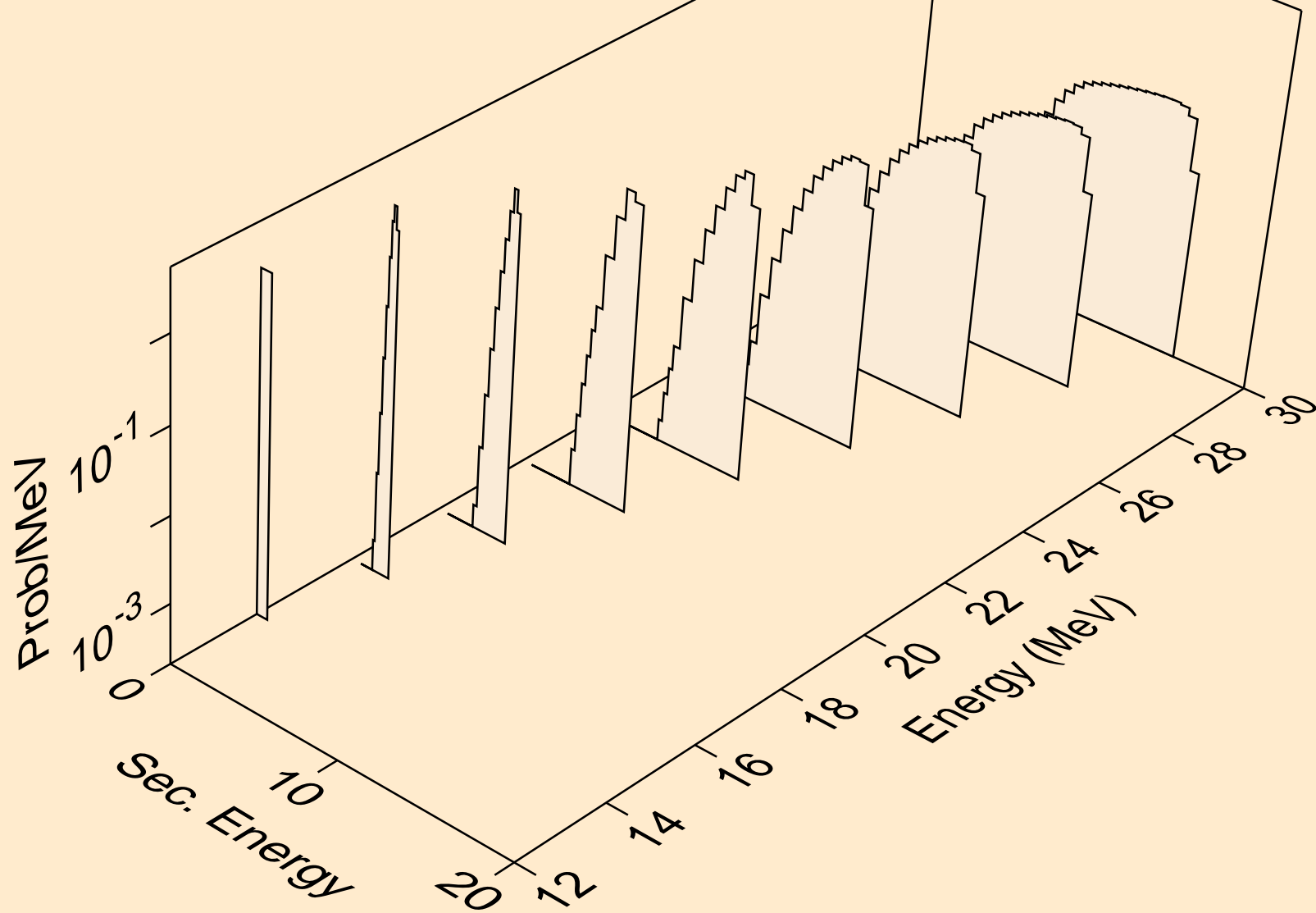
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,x)



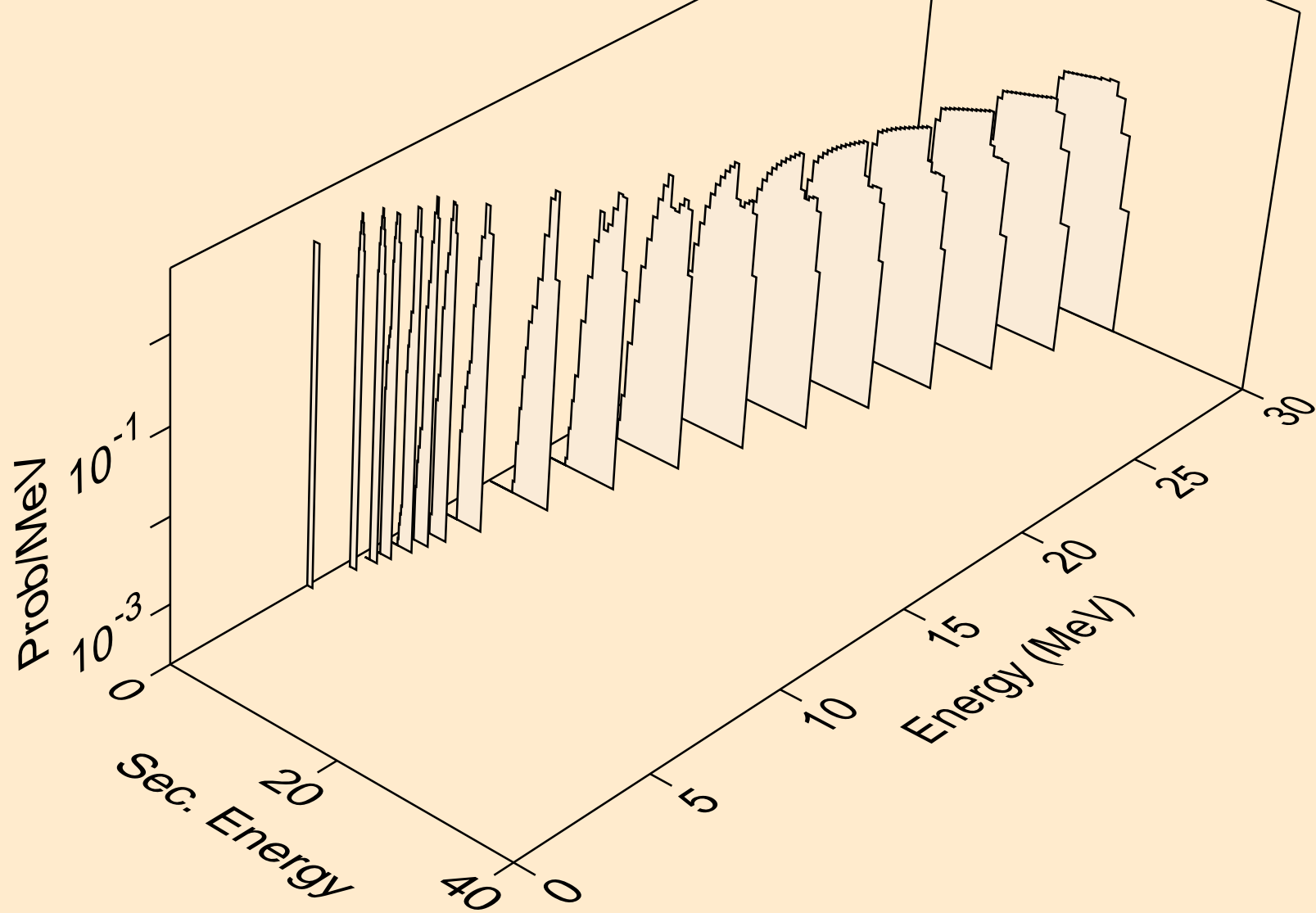
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,2nd)



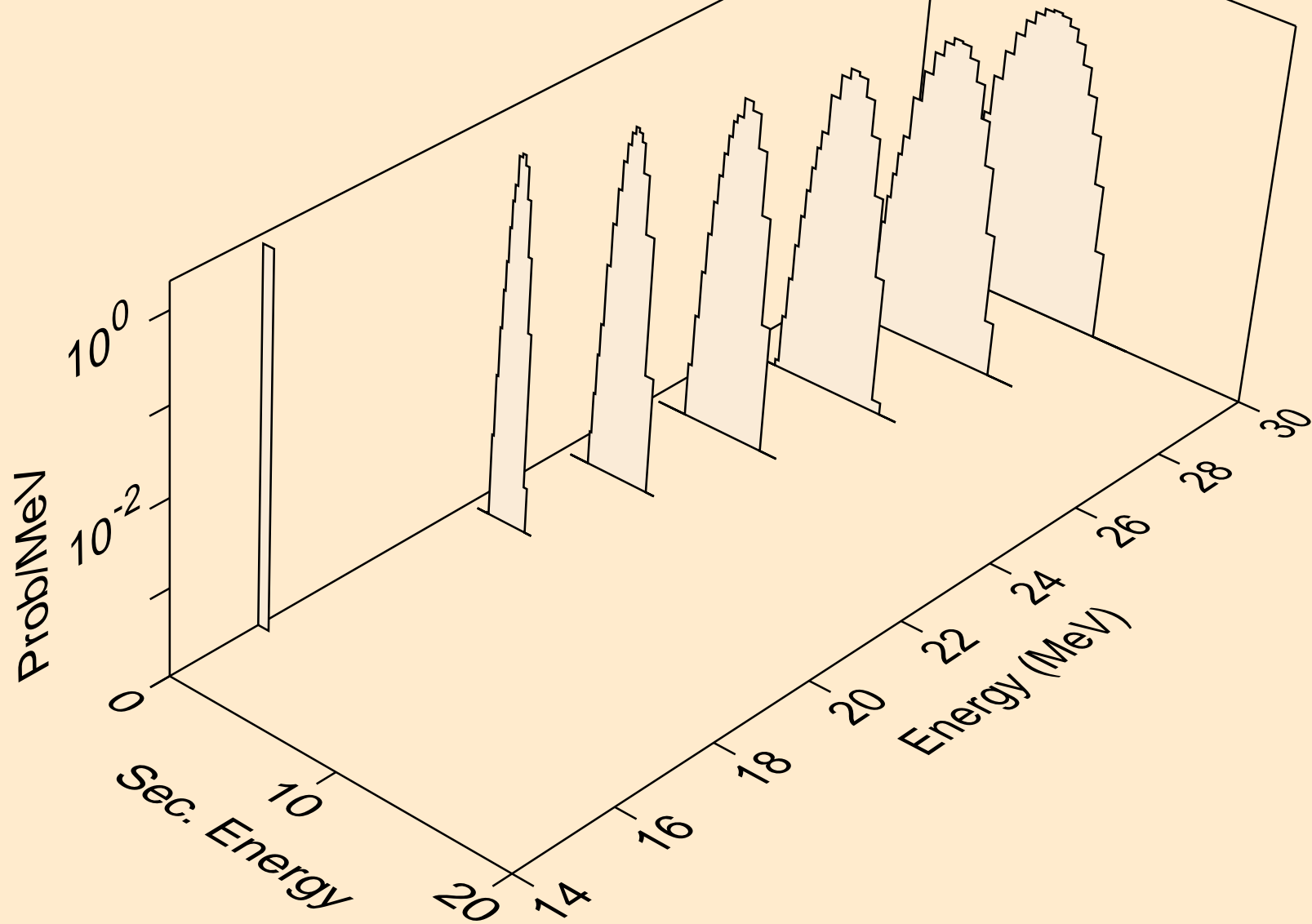
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



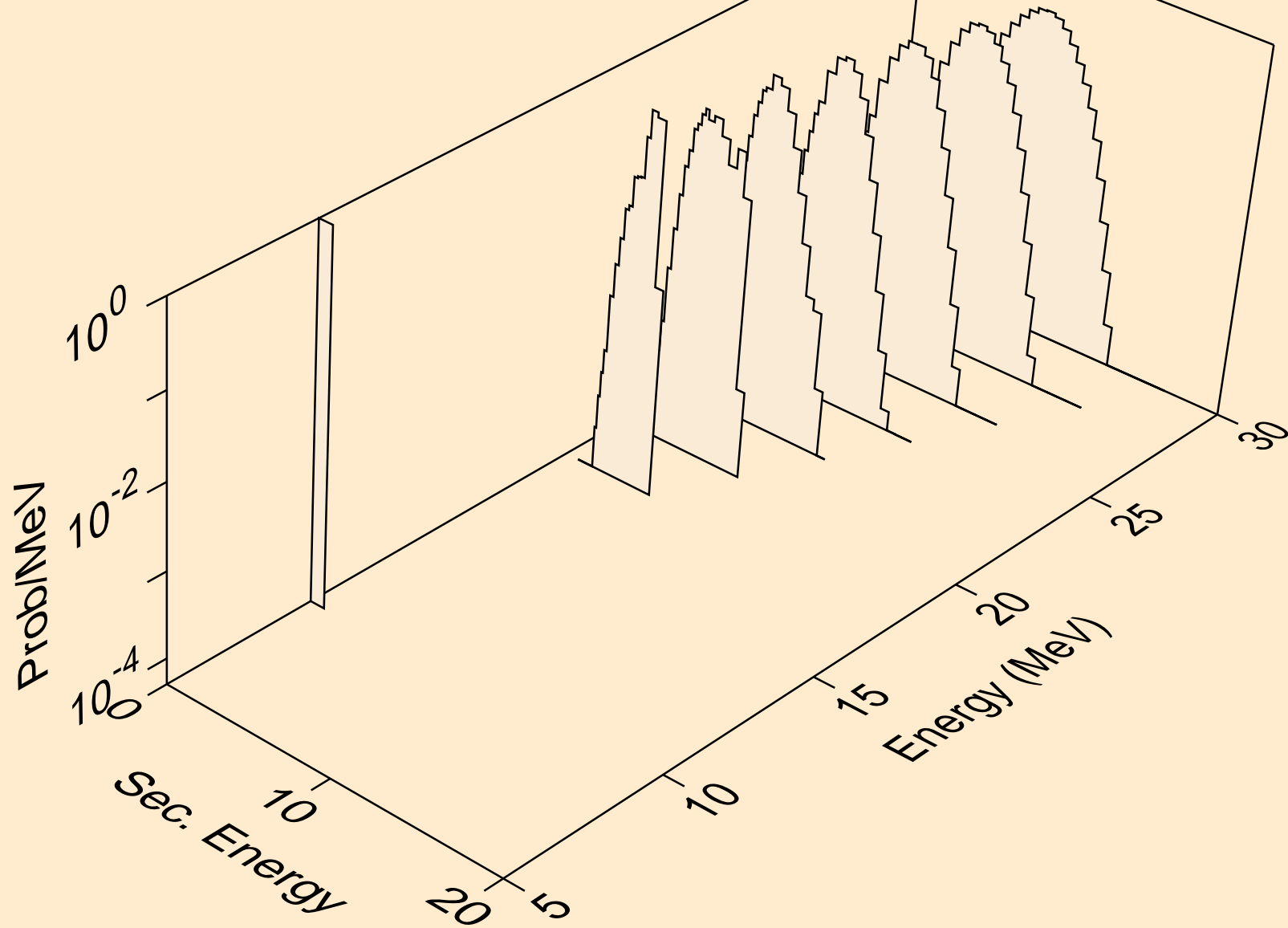
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,d)



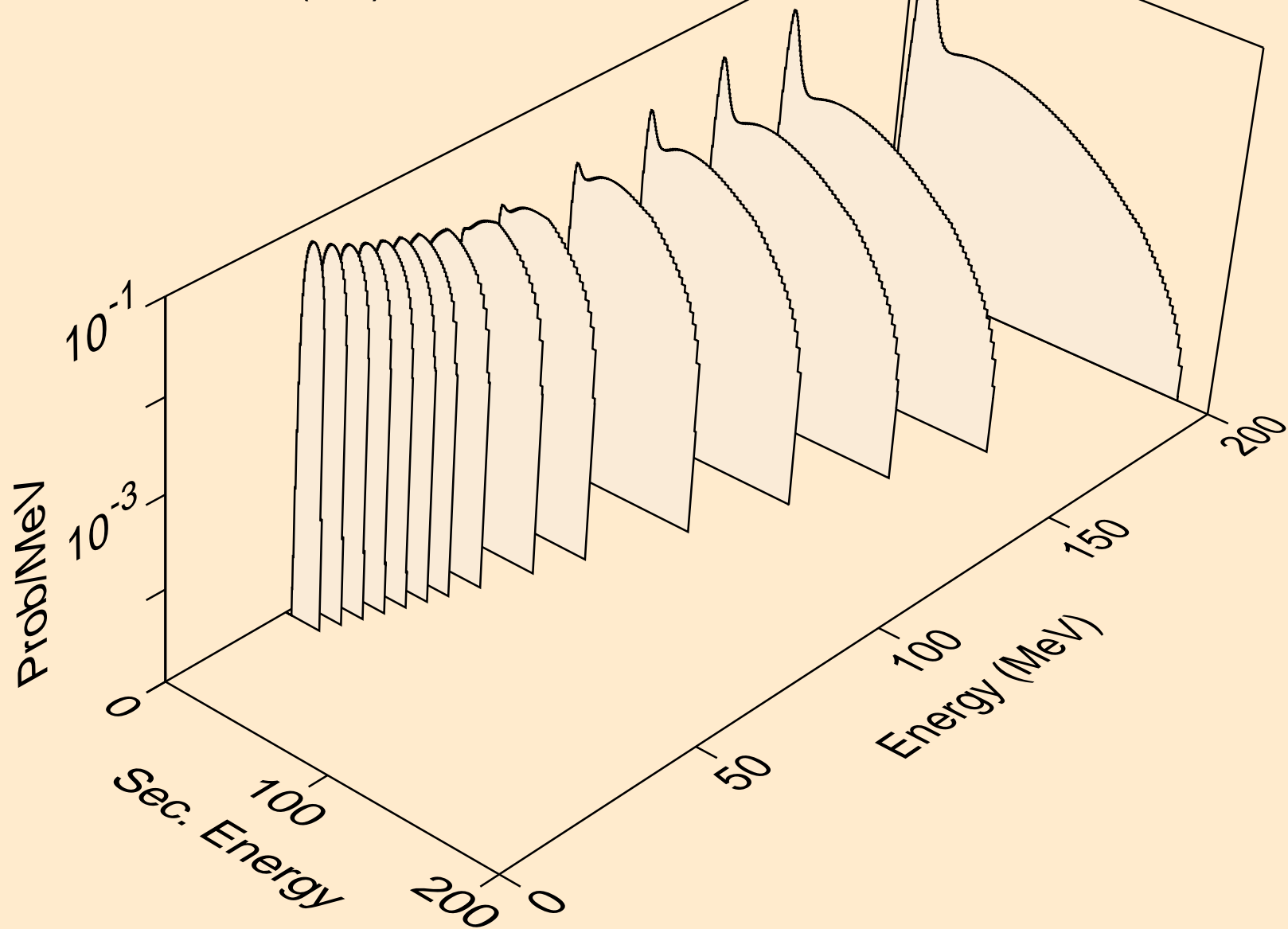
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,pd)



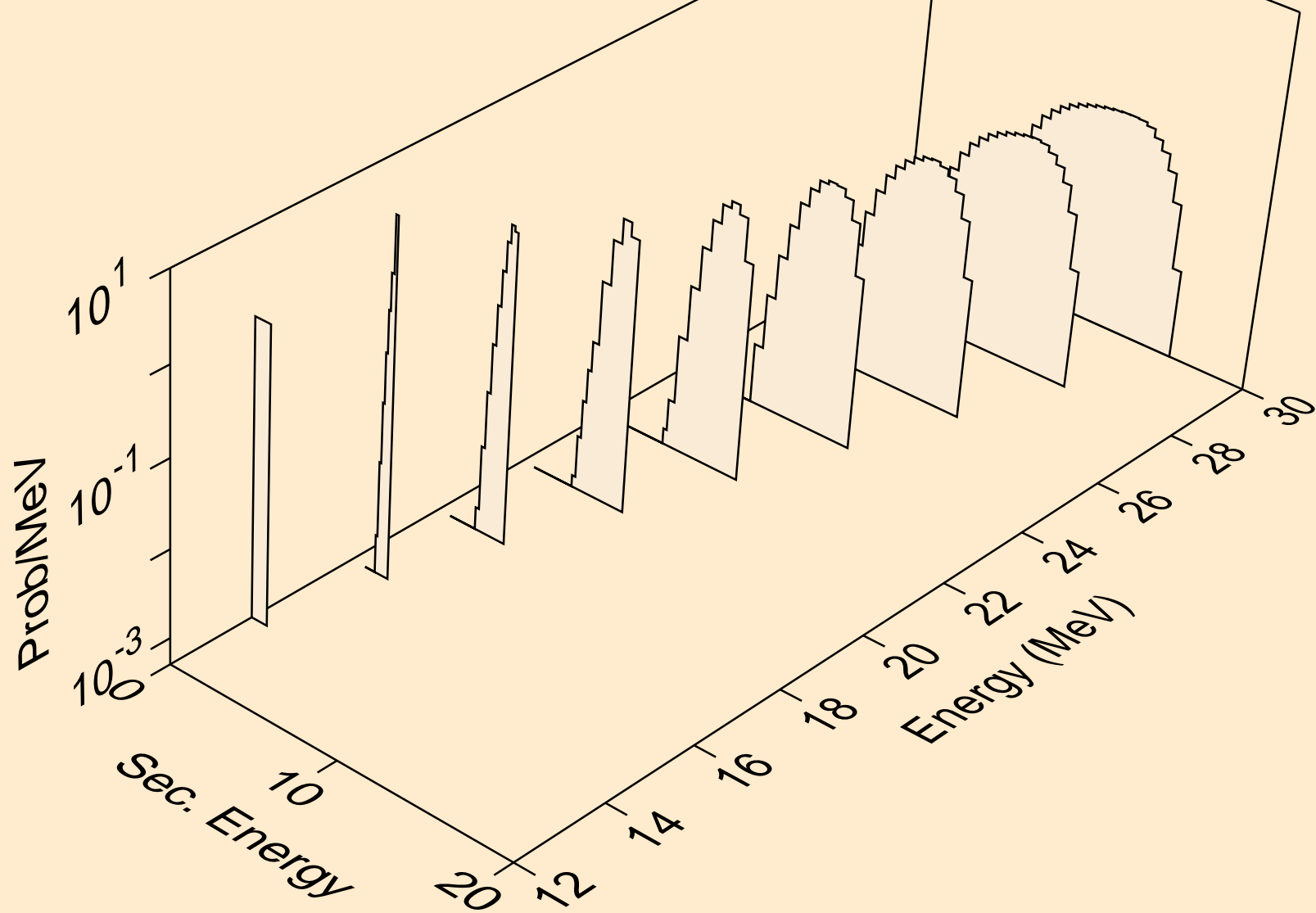
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,da)



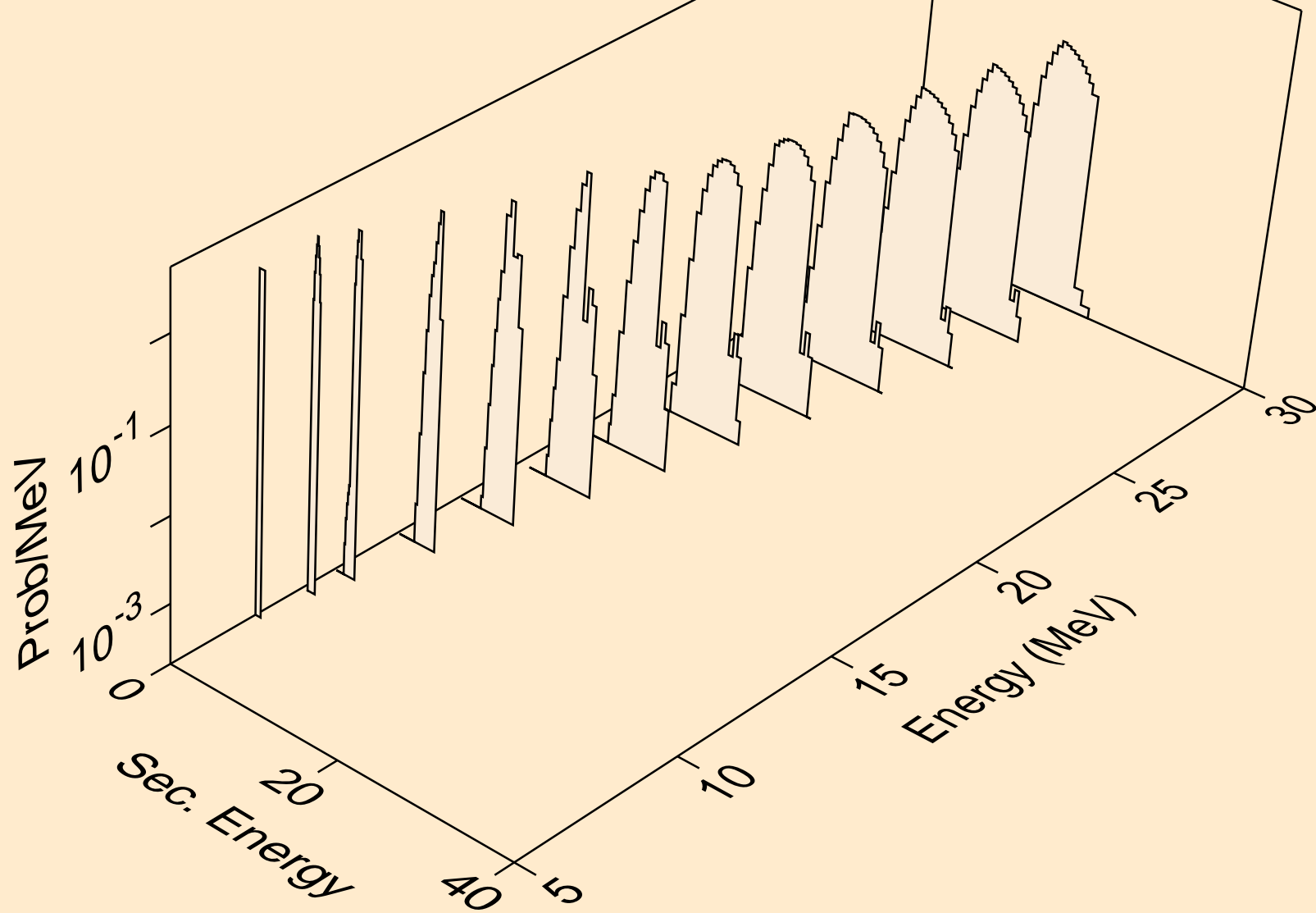
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,x)



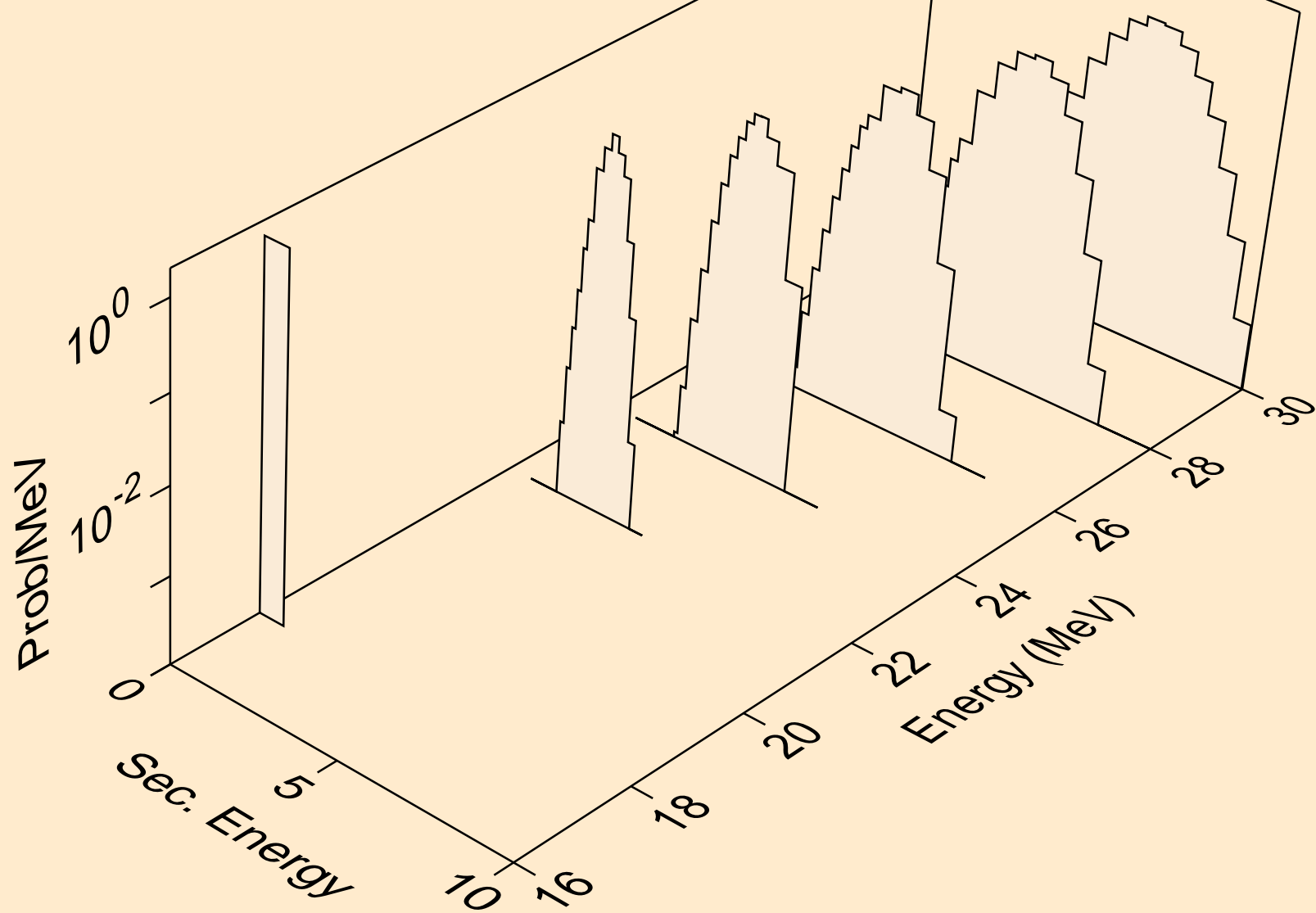
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



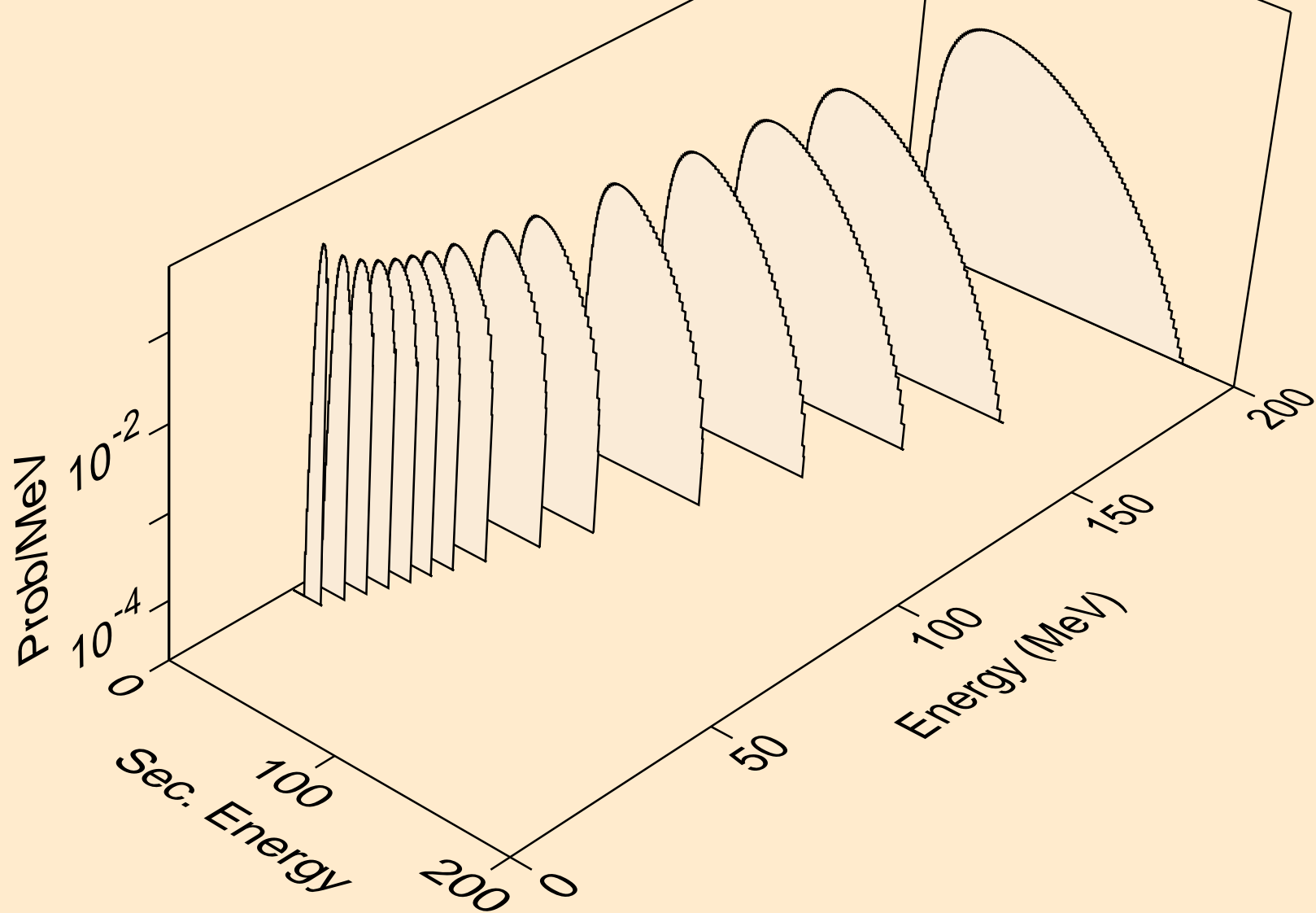
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,t)



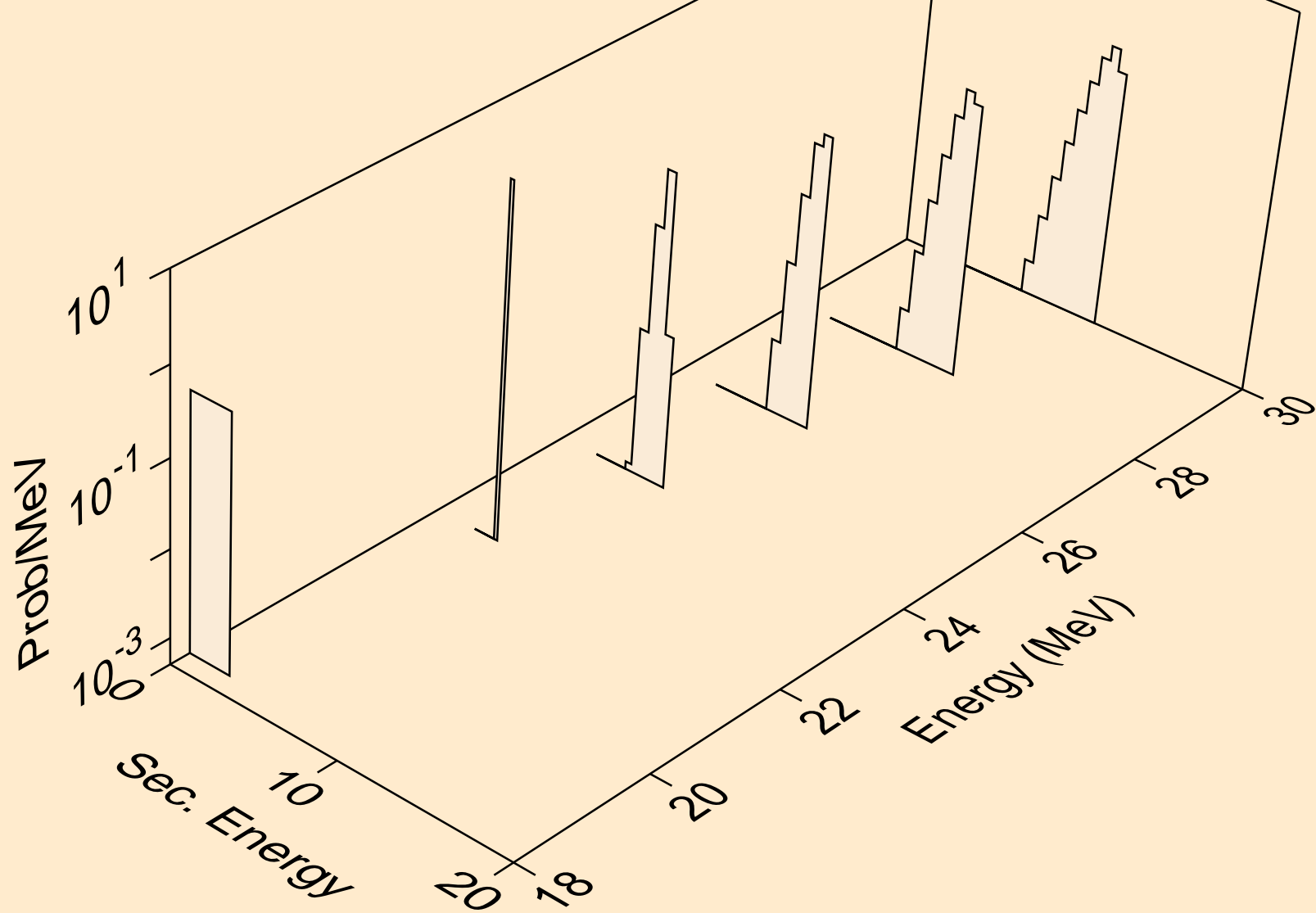
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,pt)



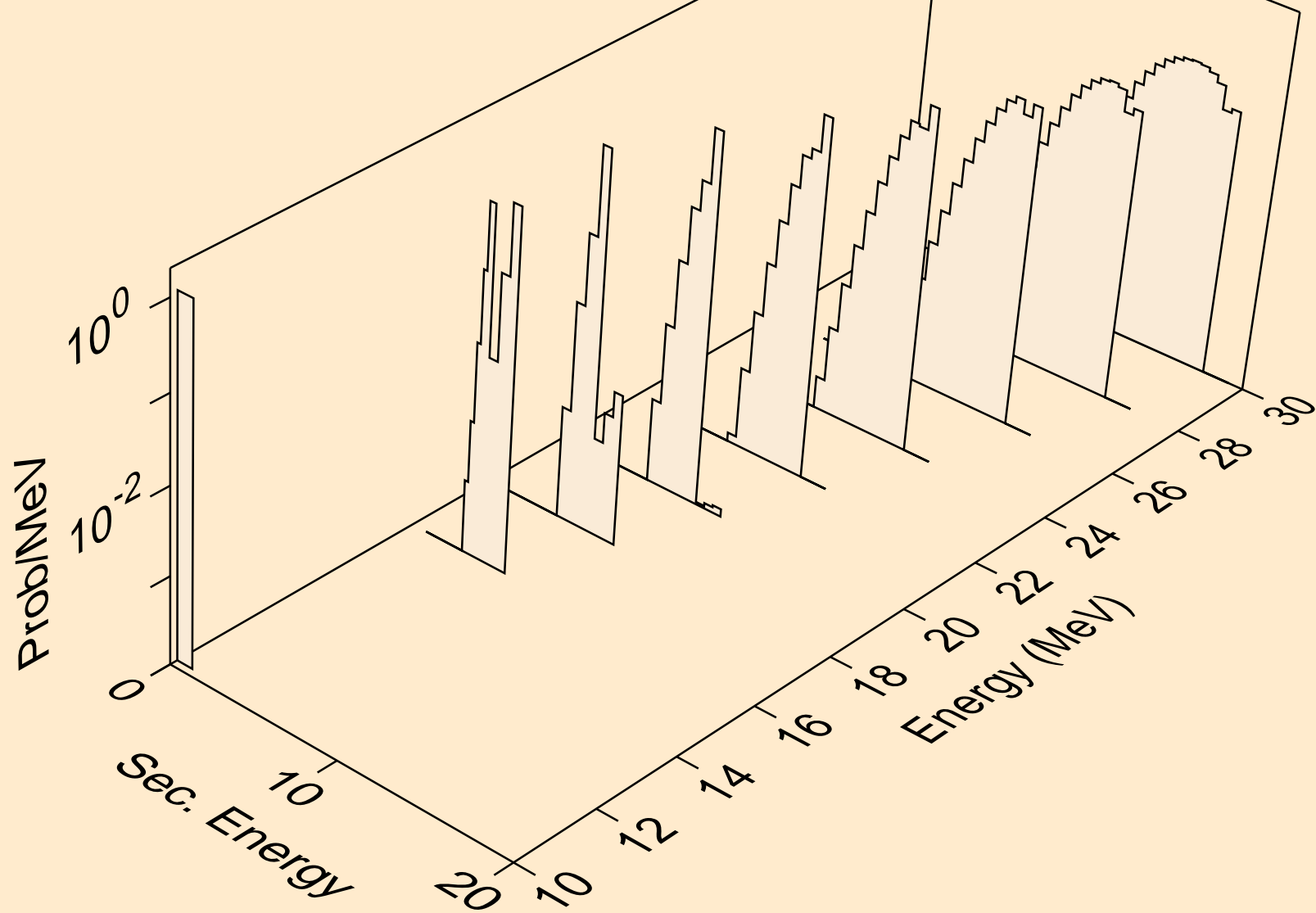
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)



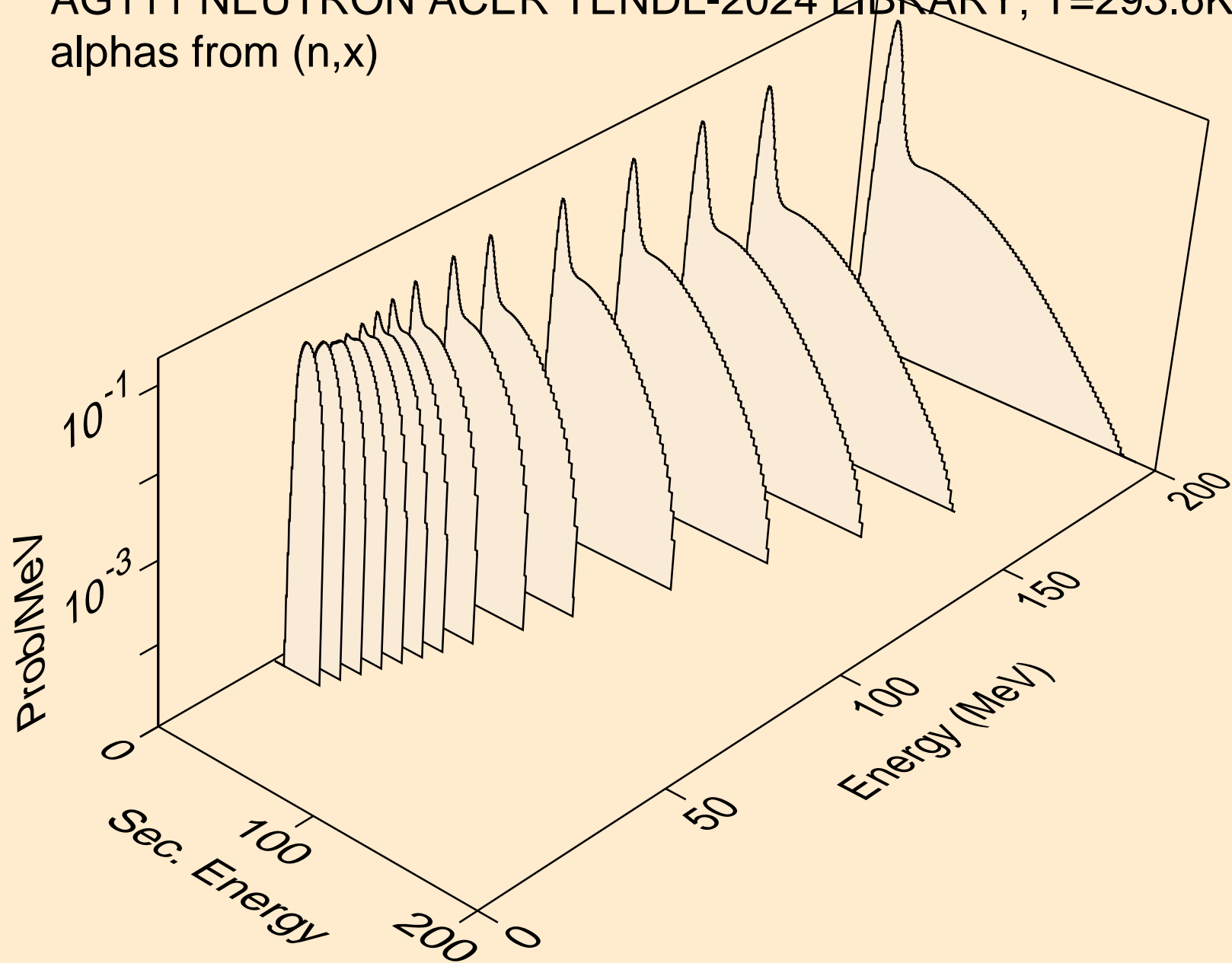
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



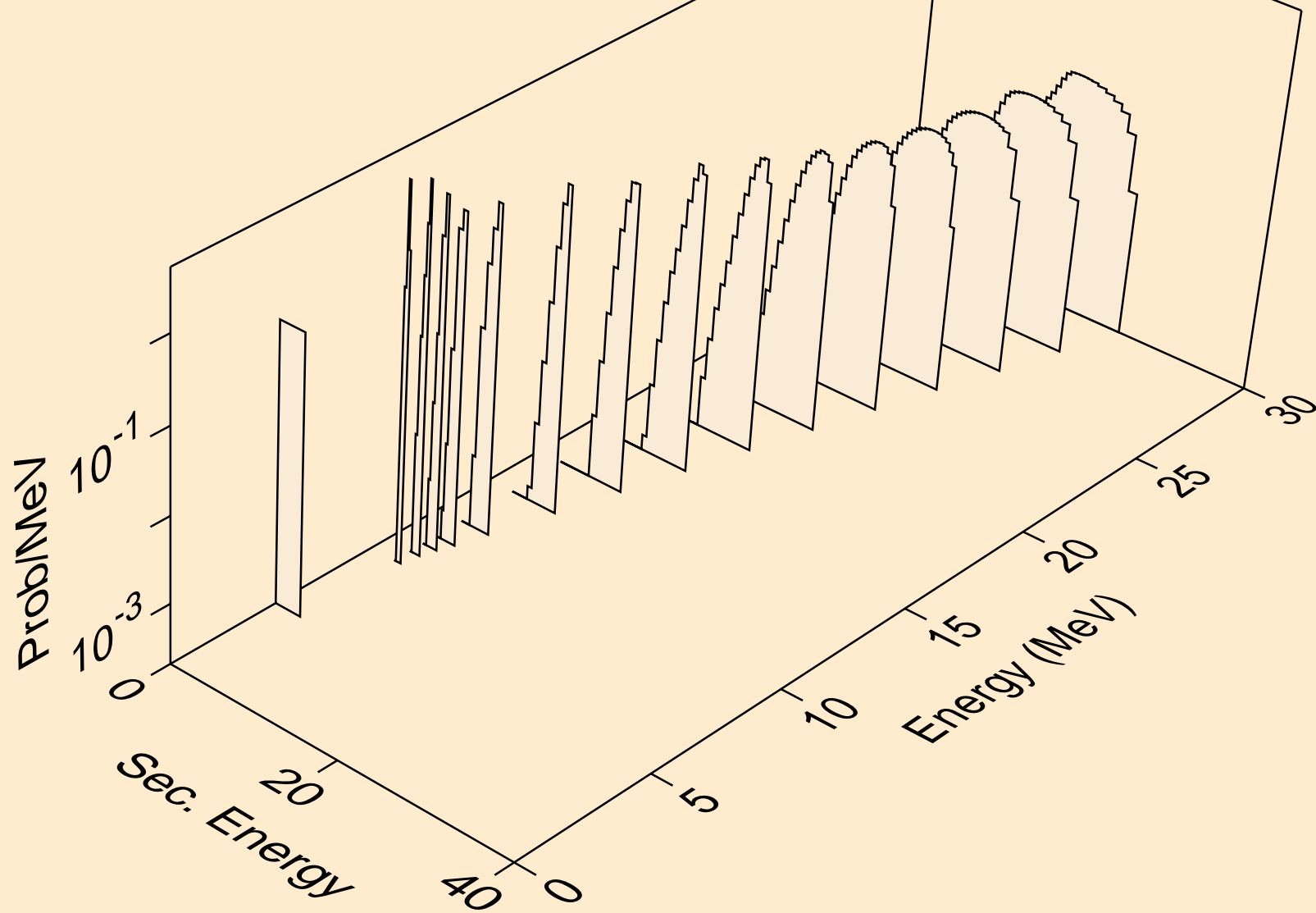
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,he3)



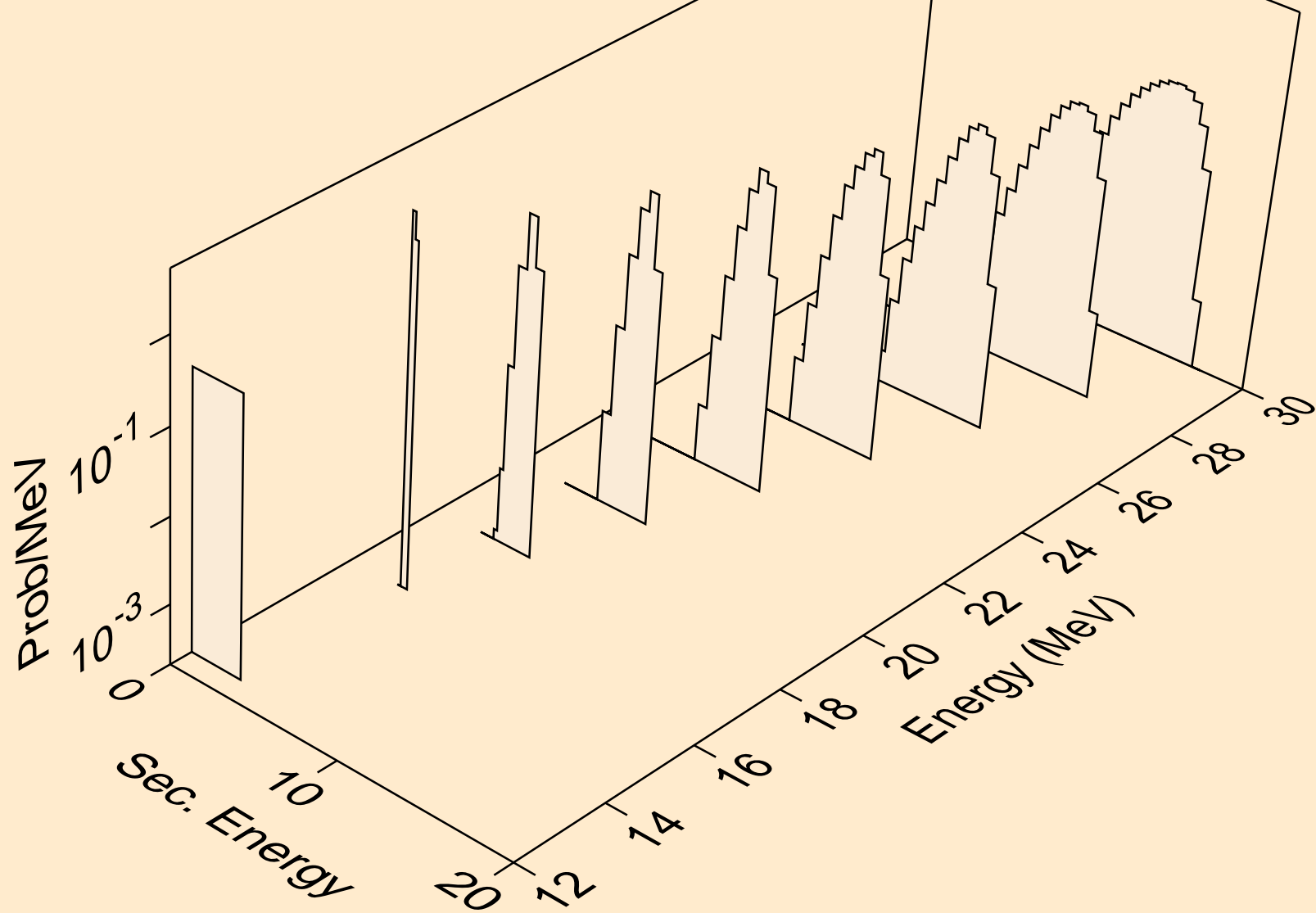
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



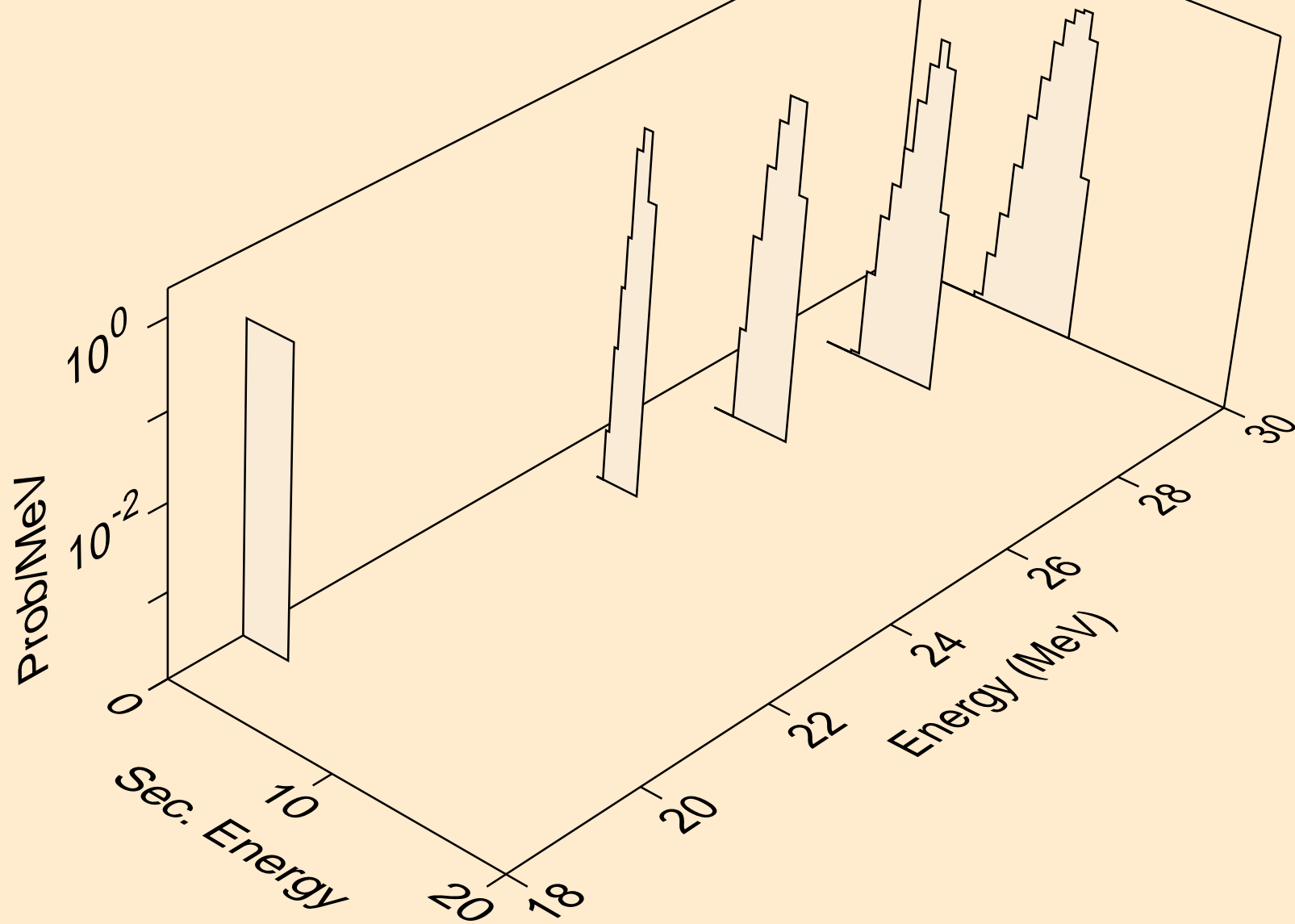
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



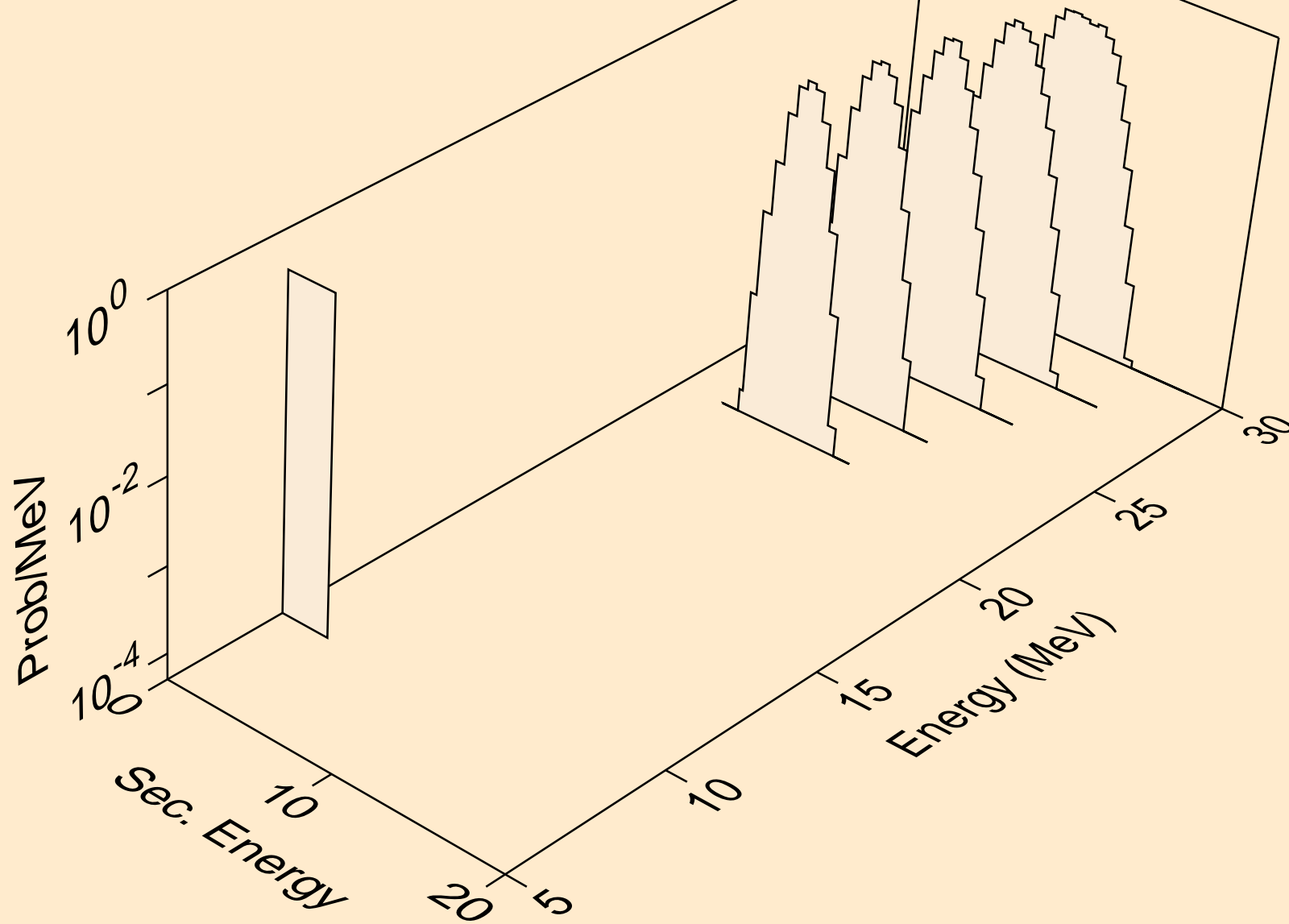
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)a



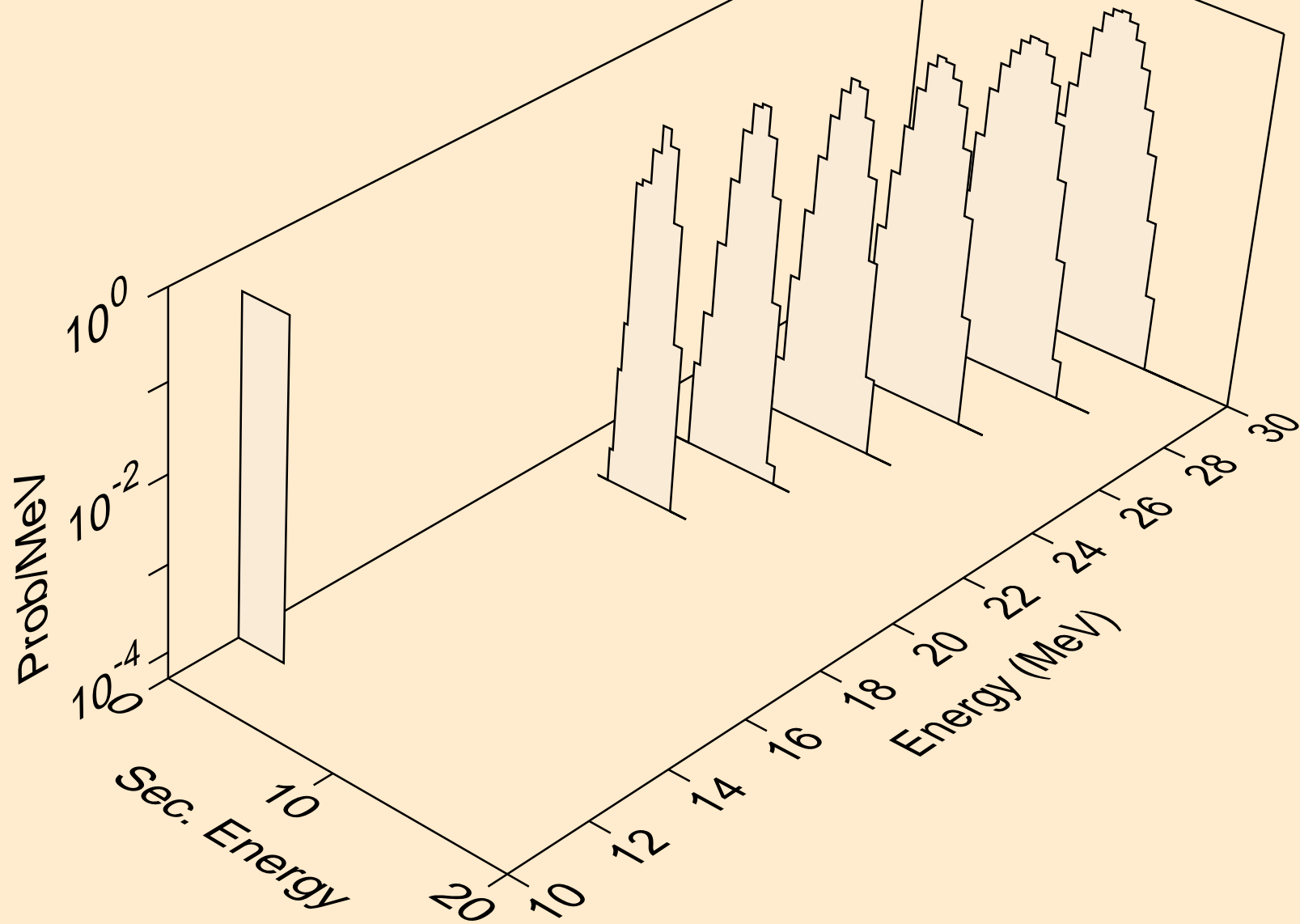
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3n)a



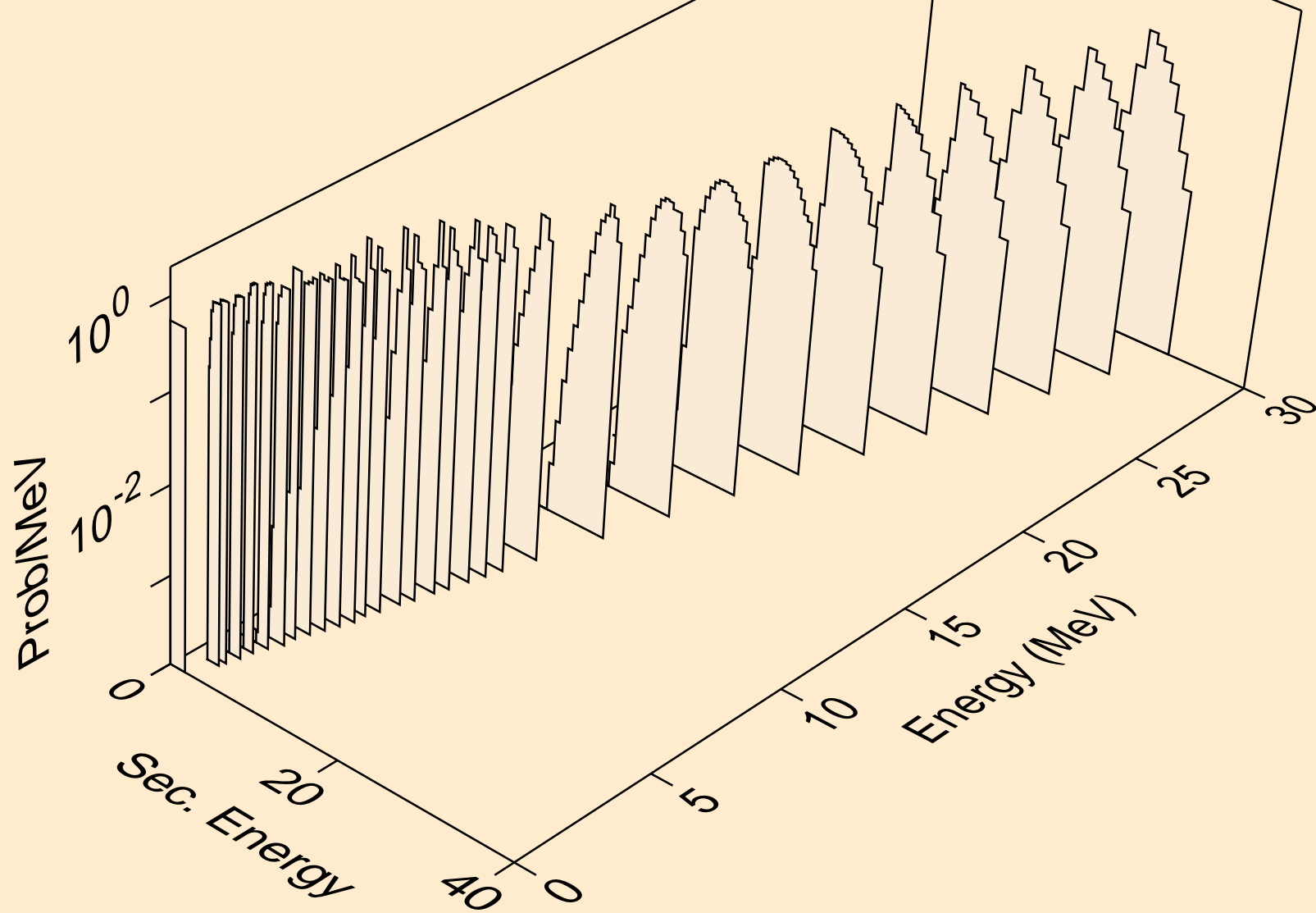
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



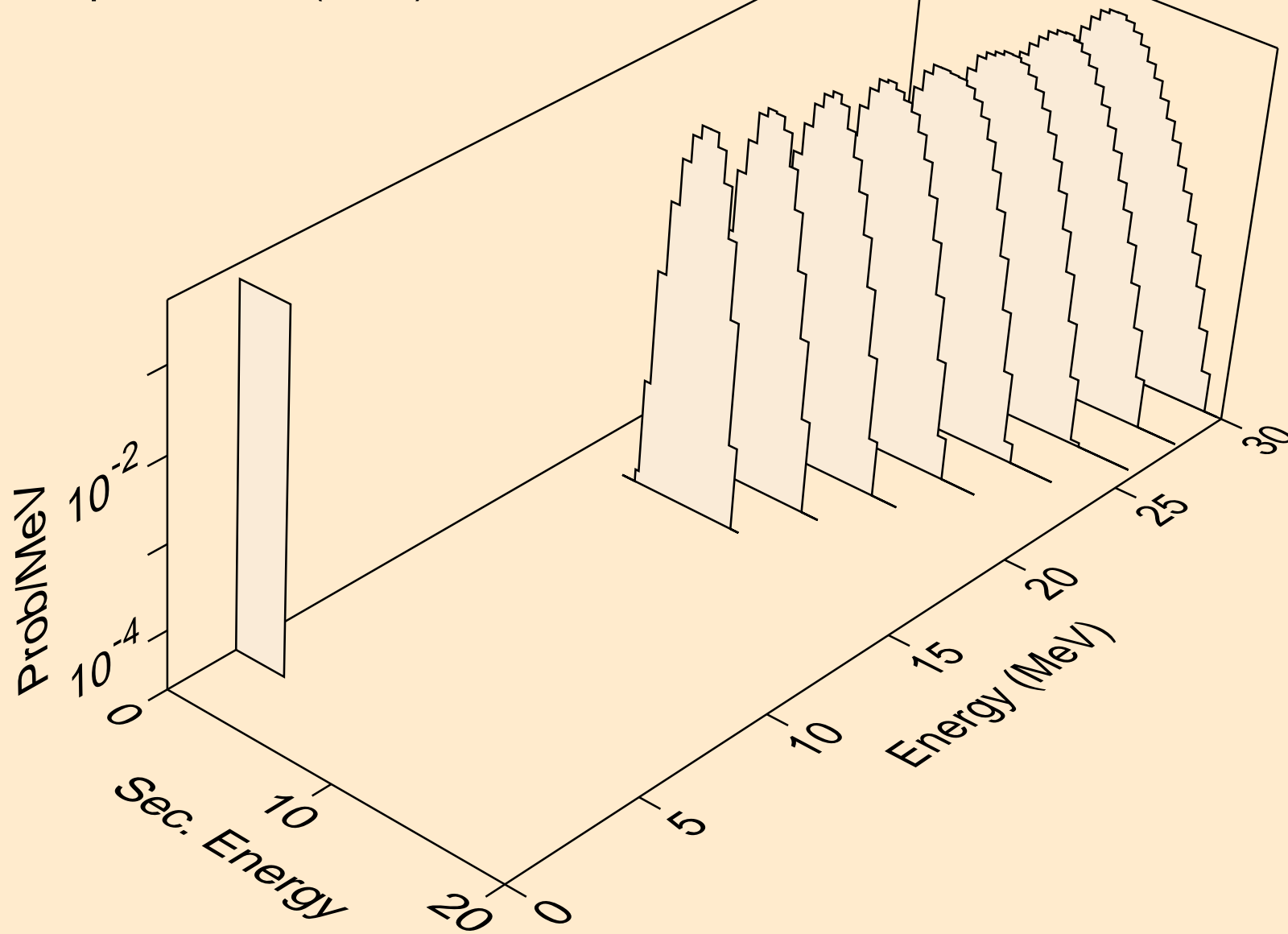
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,npa)



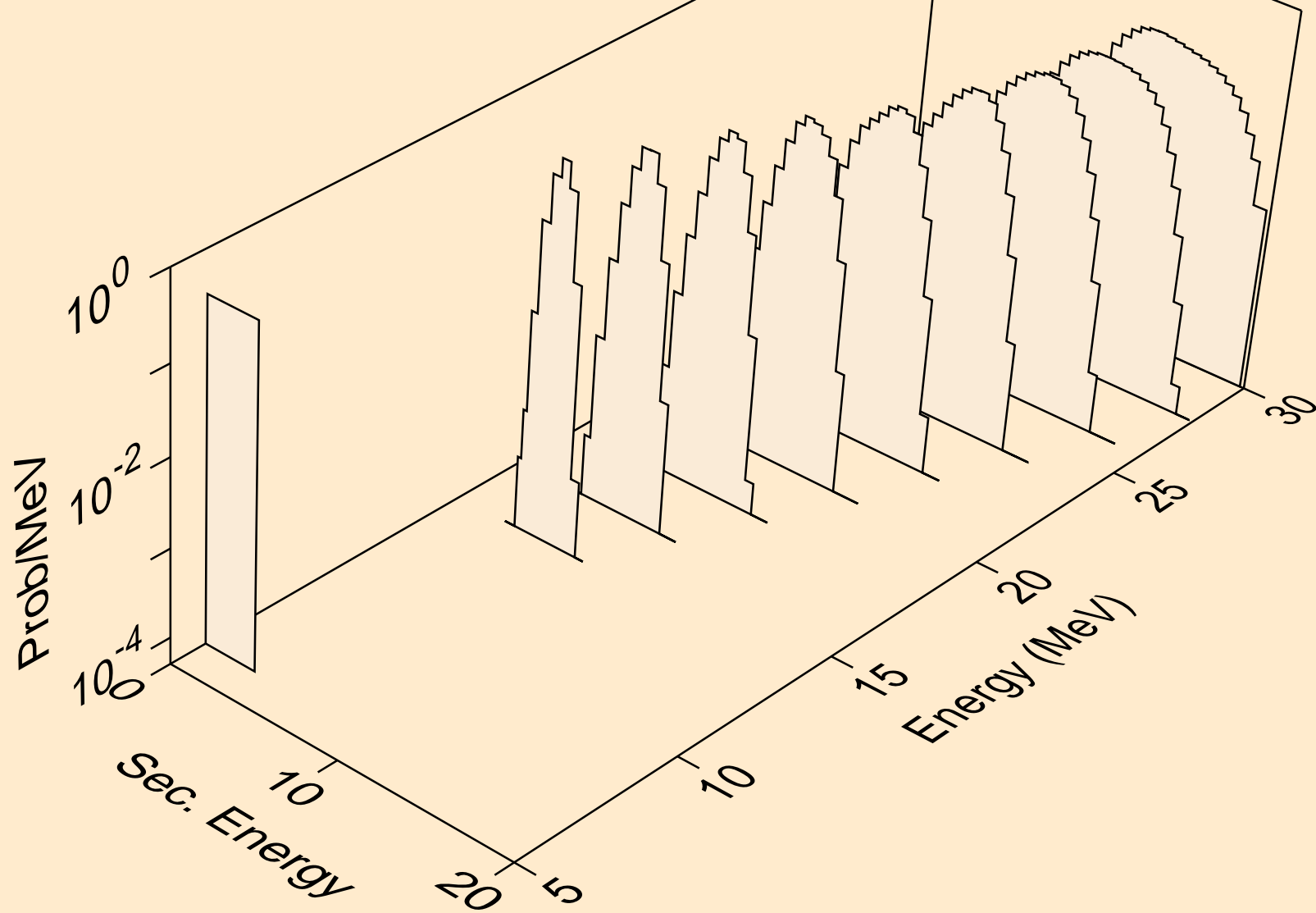
AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)



AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2a)



AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,pa)



AG111 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,da)

