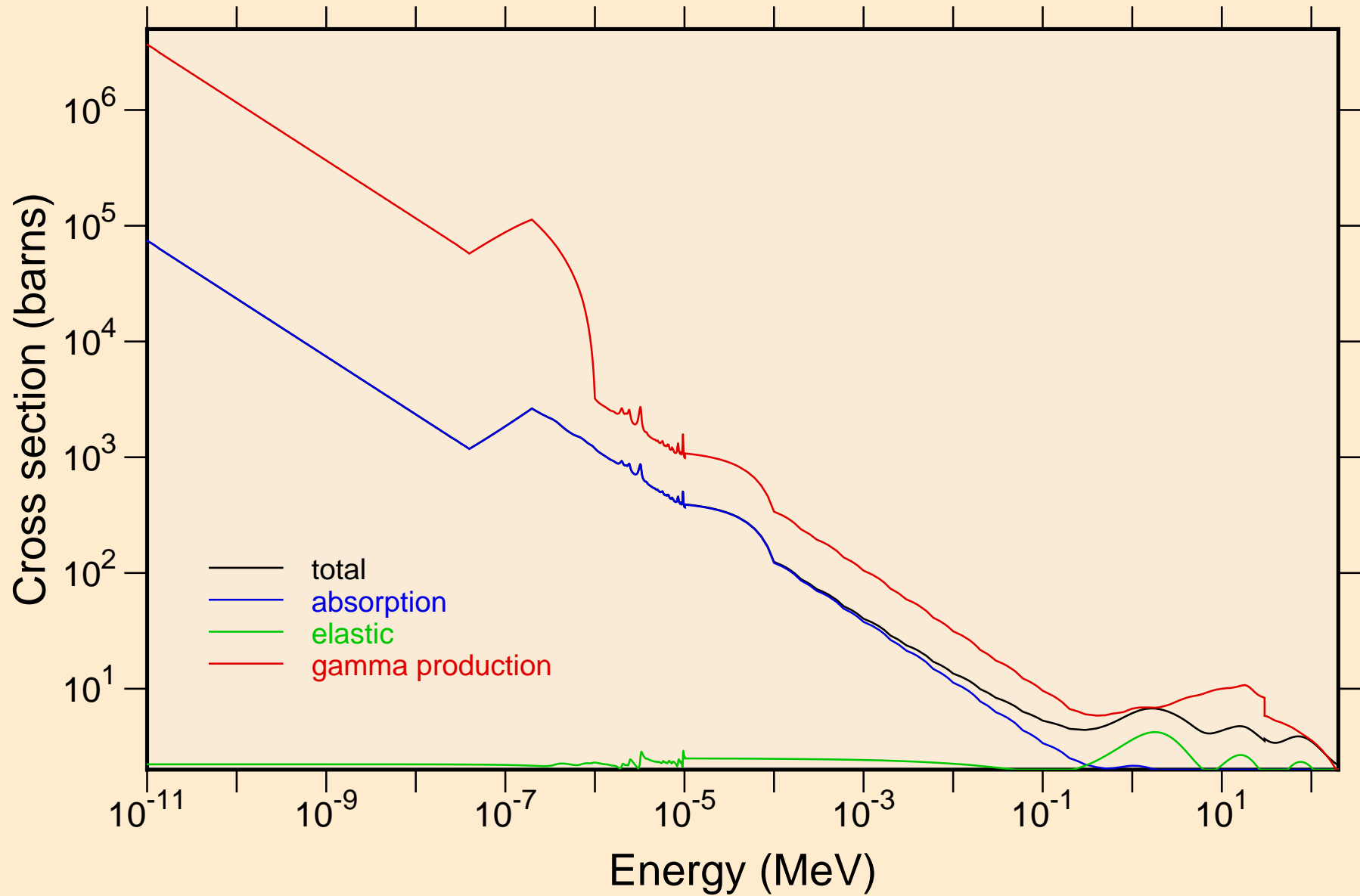
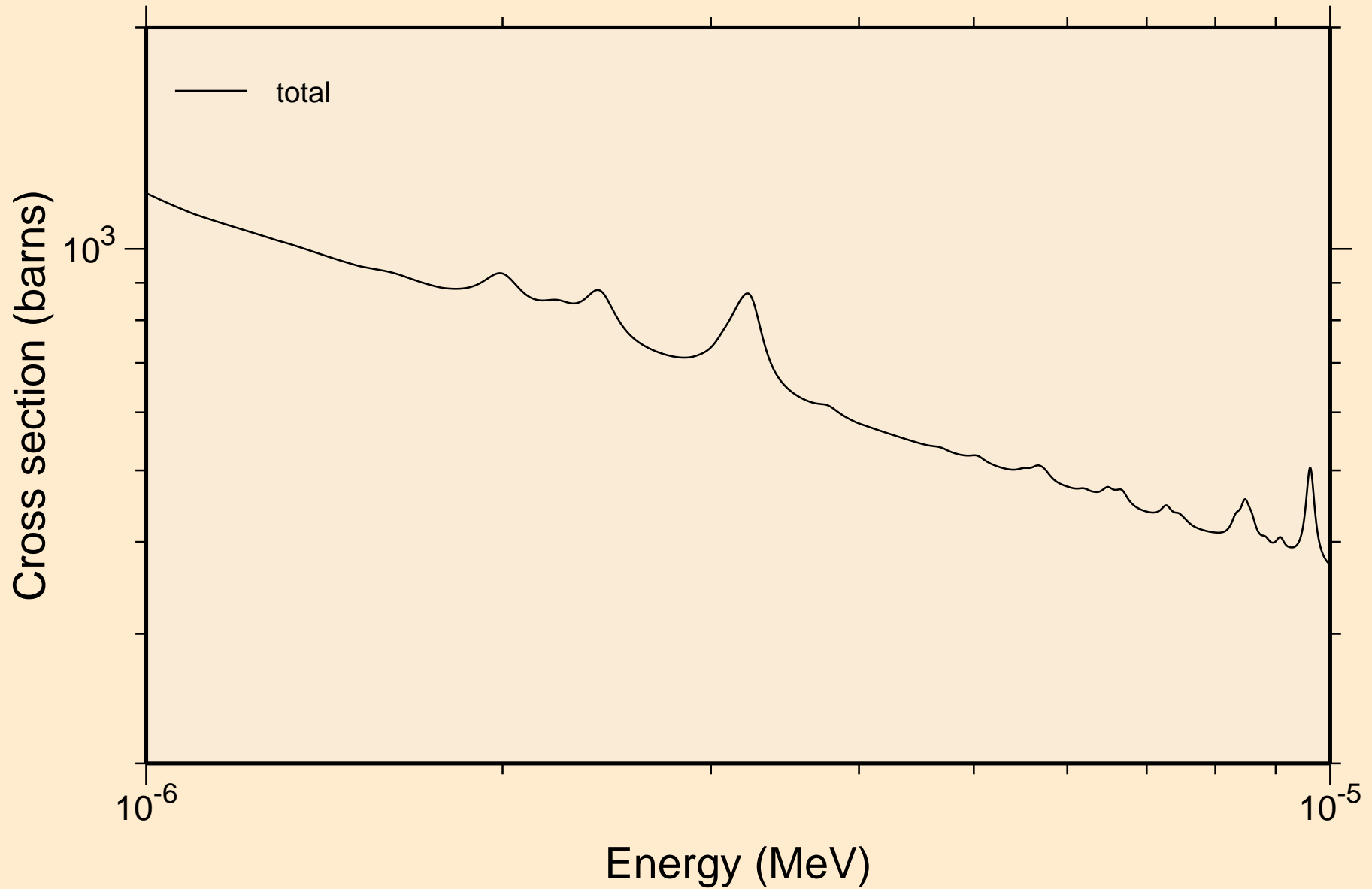


# PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

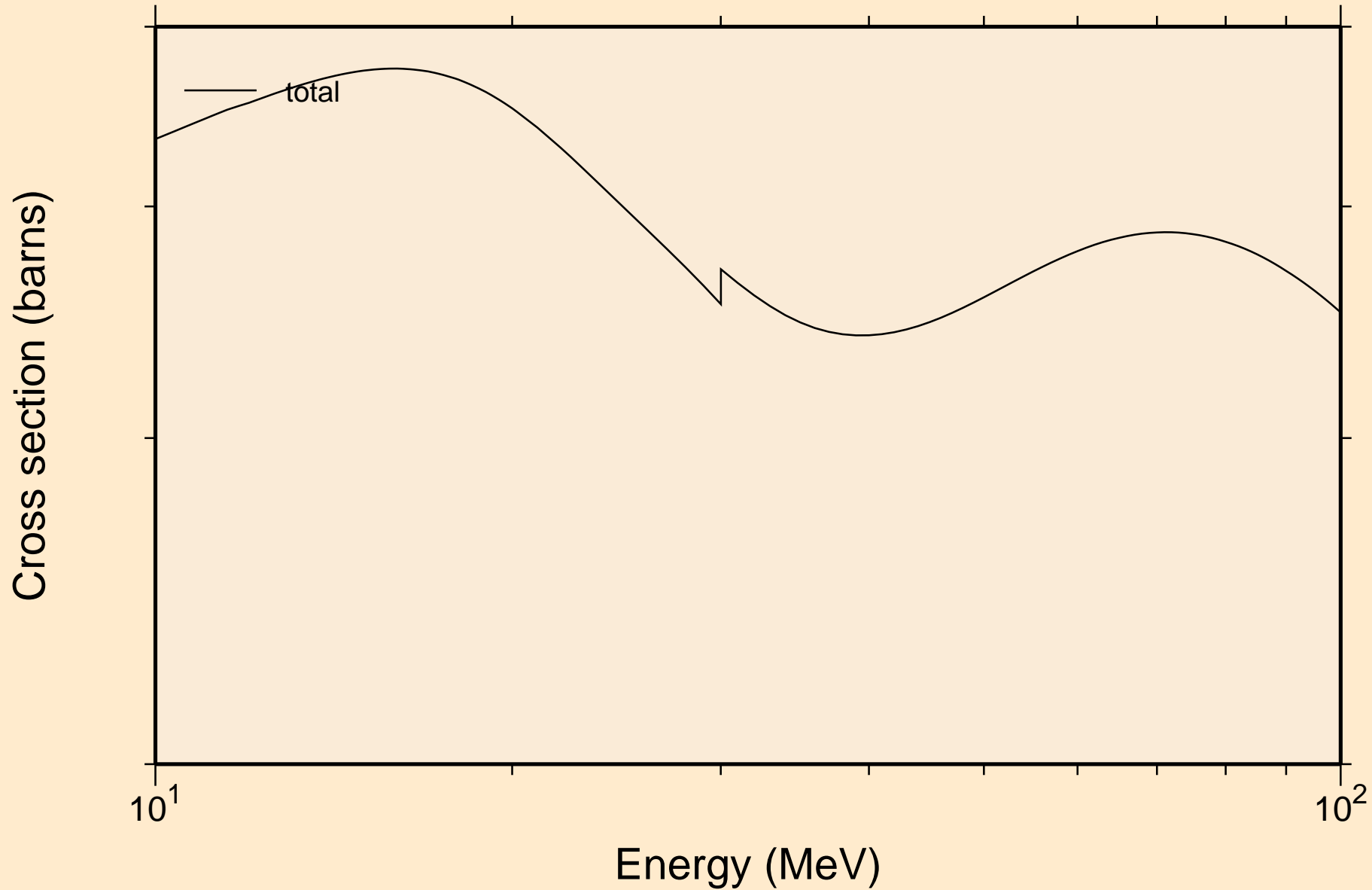
## Principal cross sections



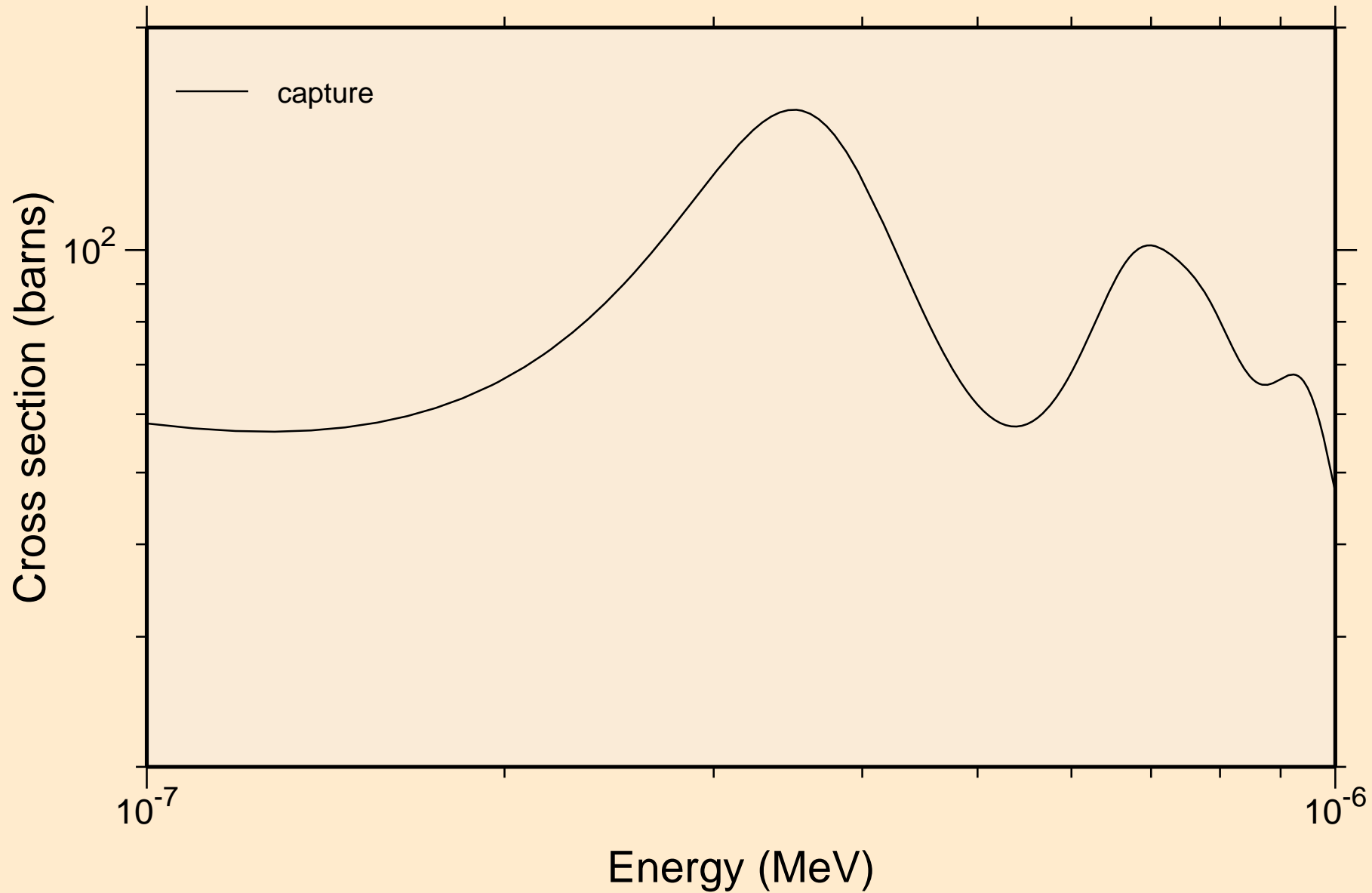
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



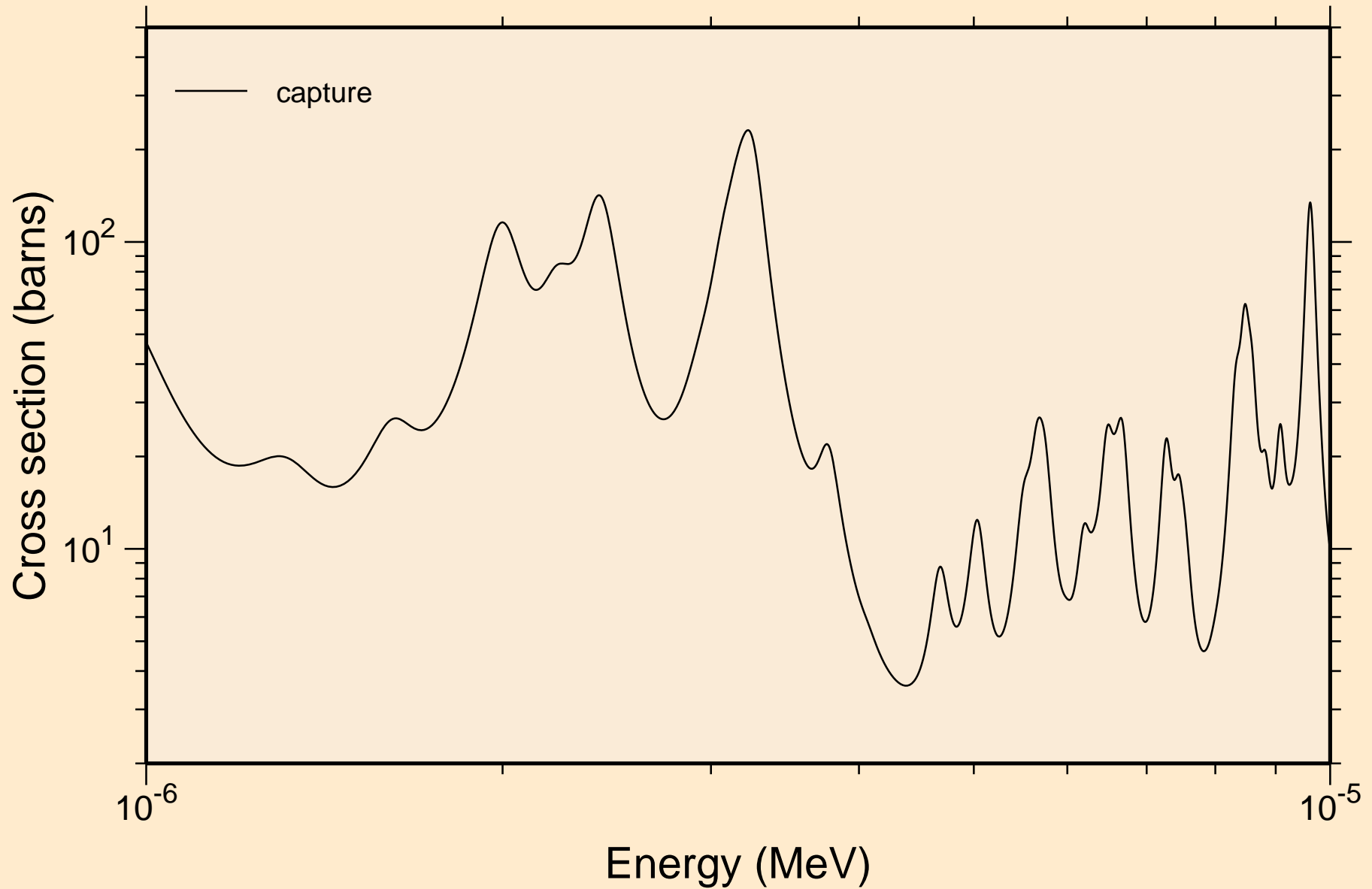
P̄M133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



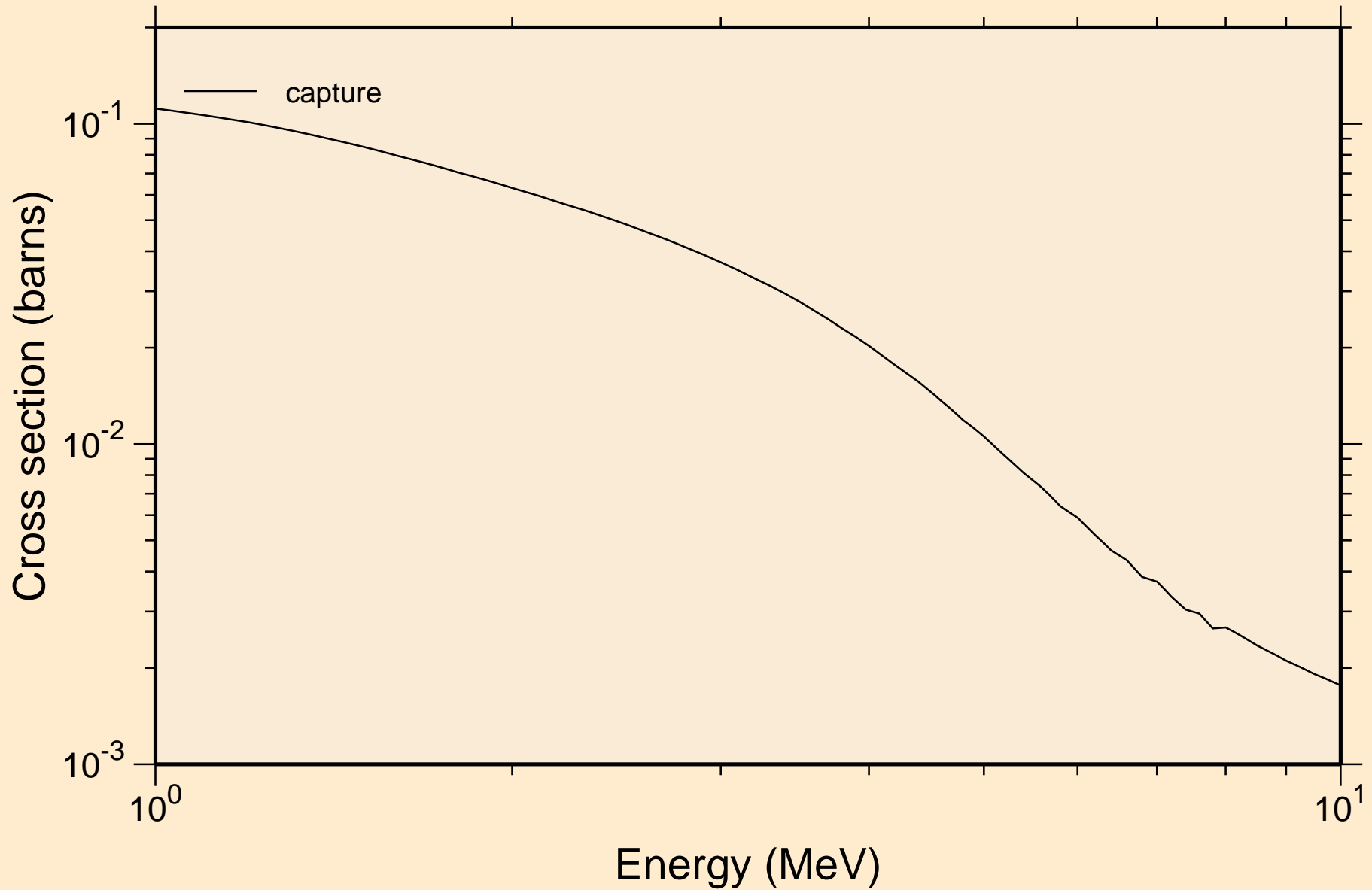
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

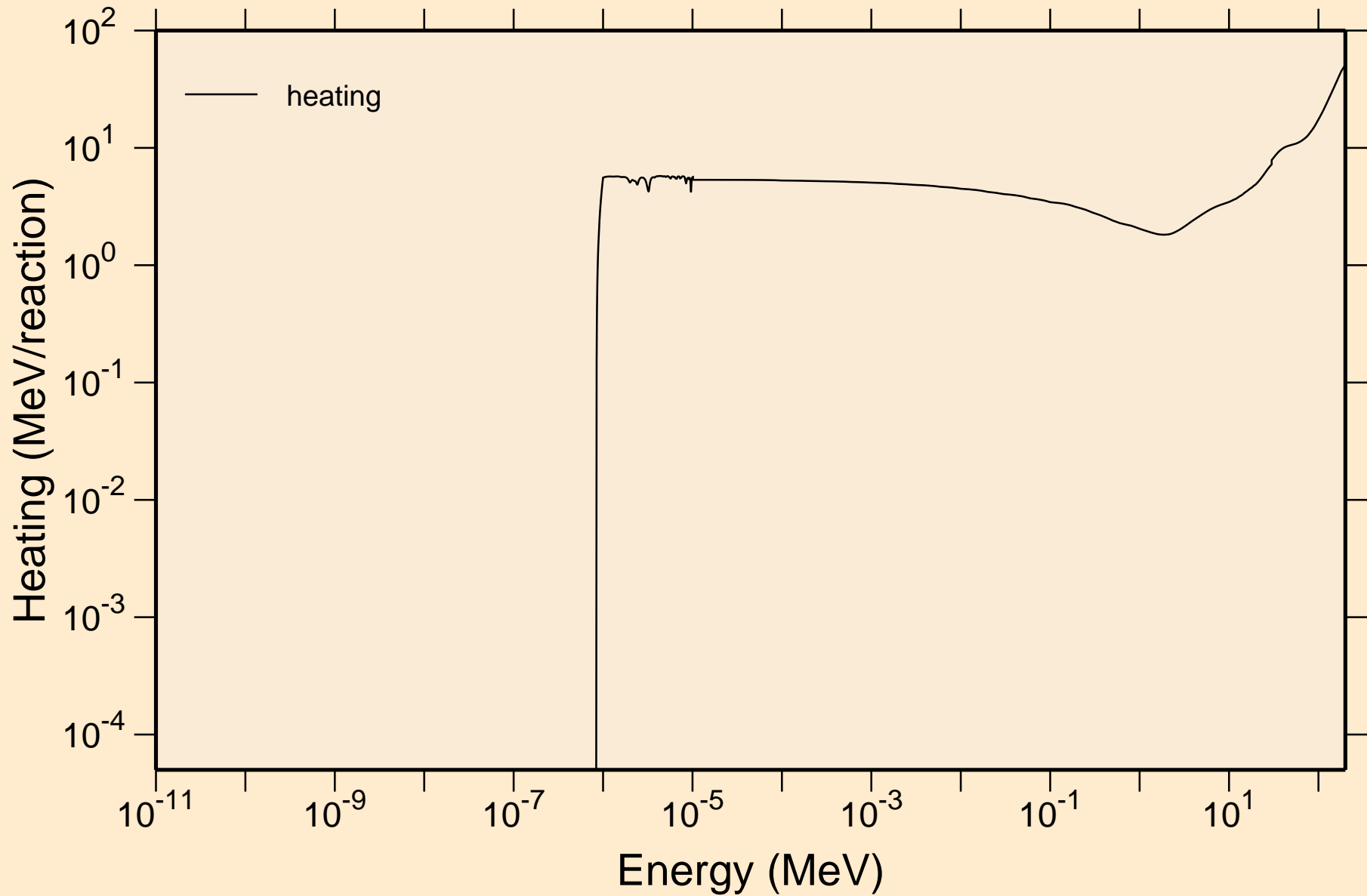


PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

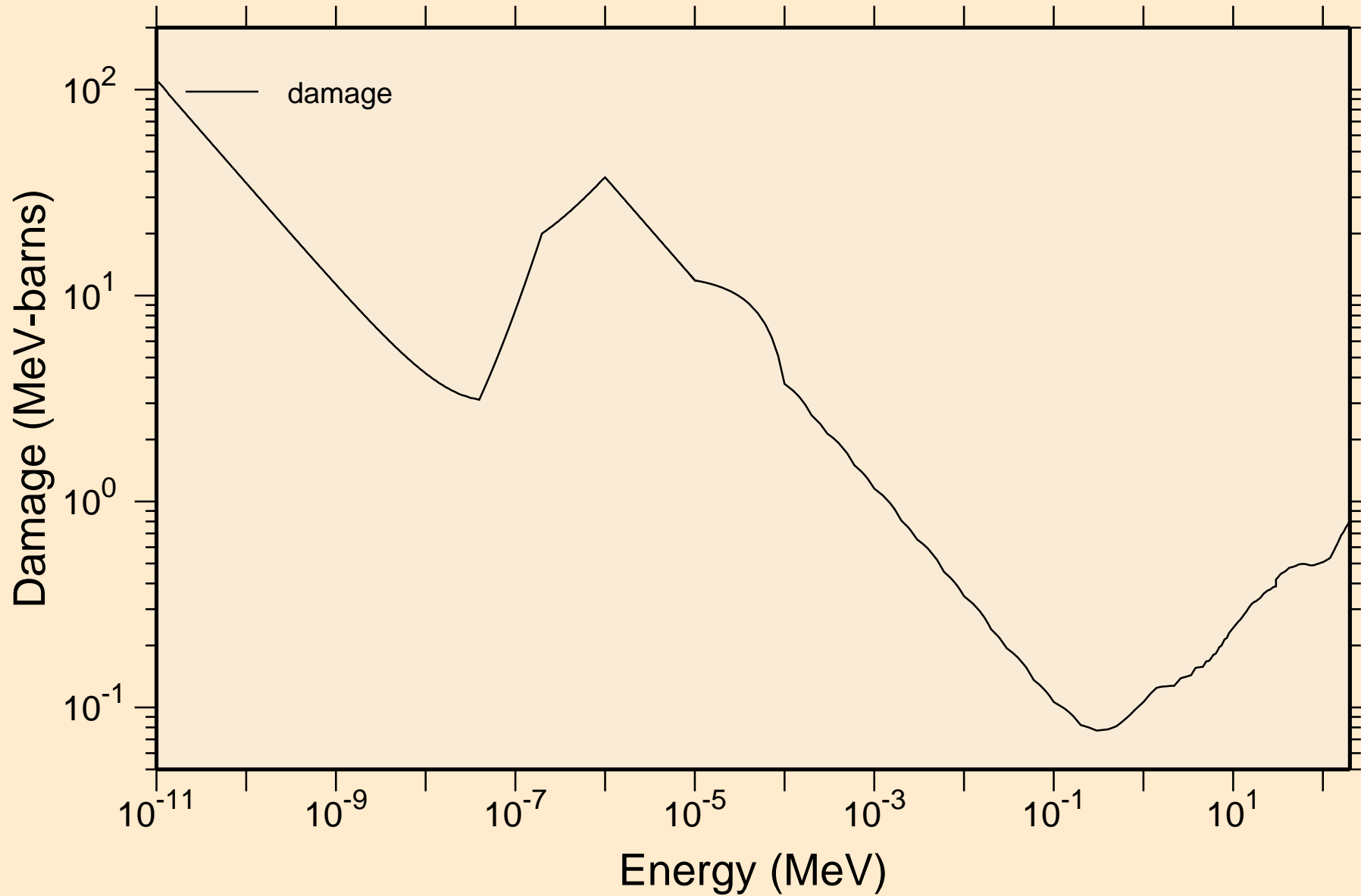


# PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



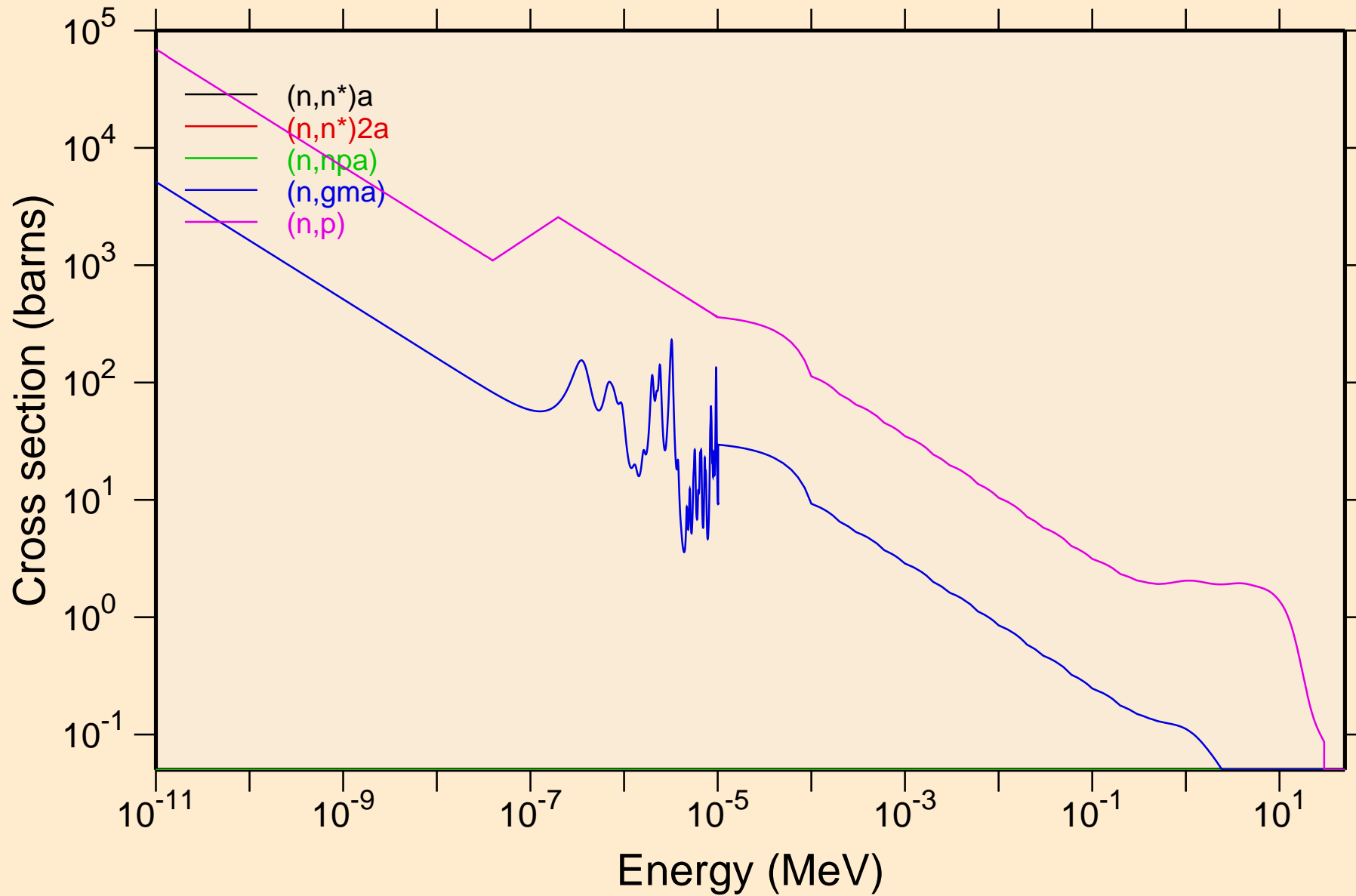
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



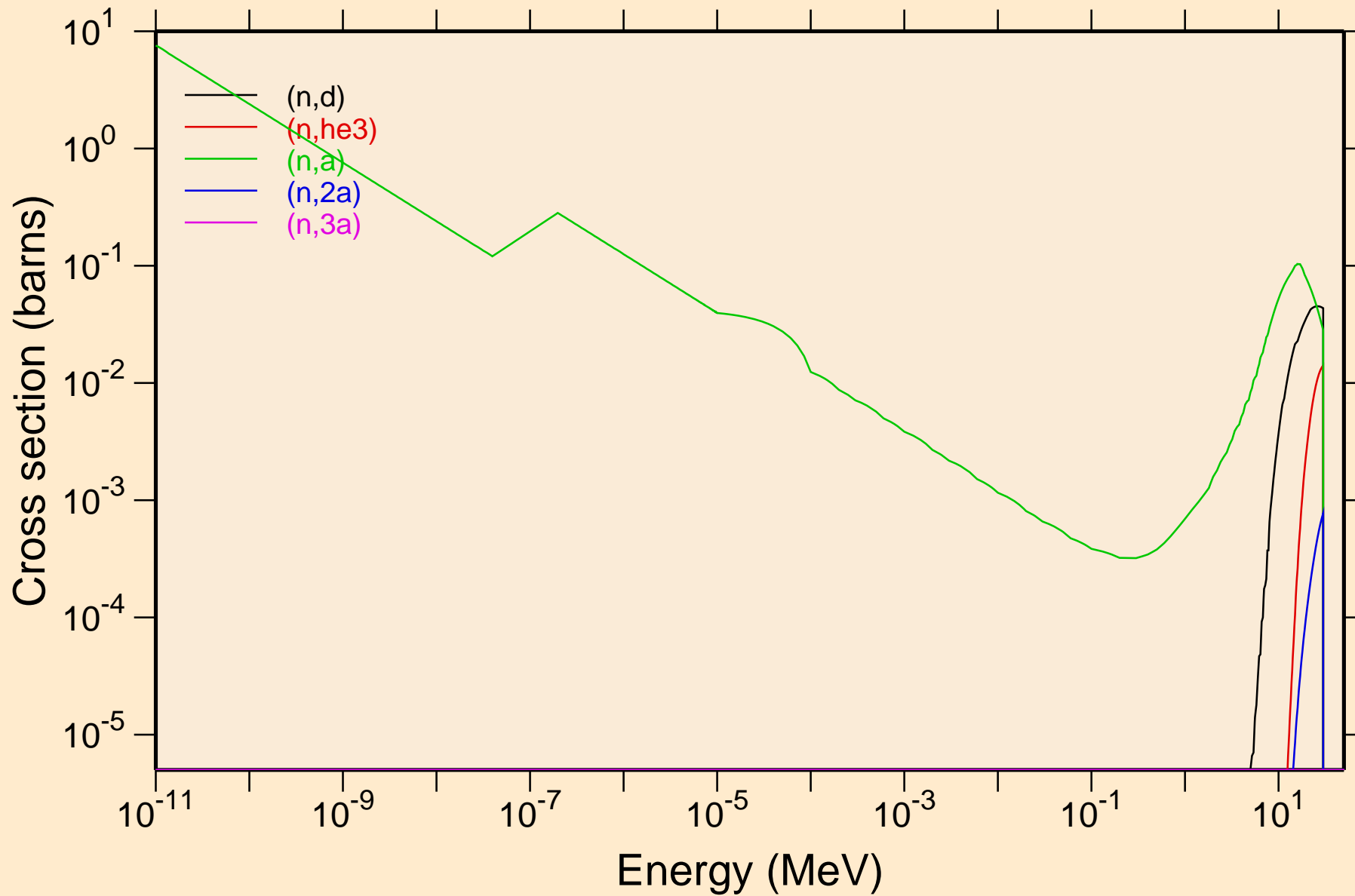


# PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

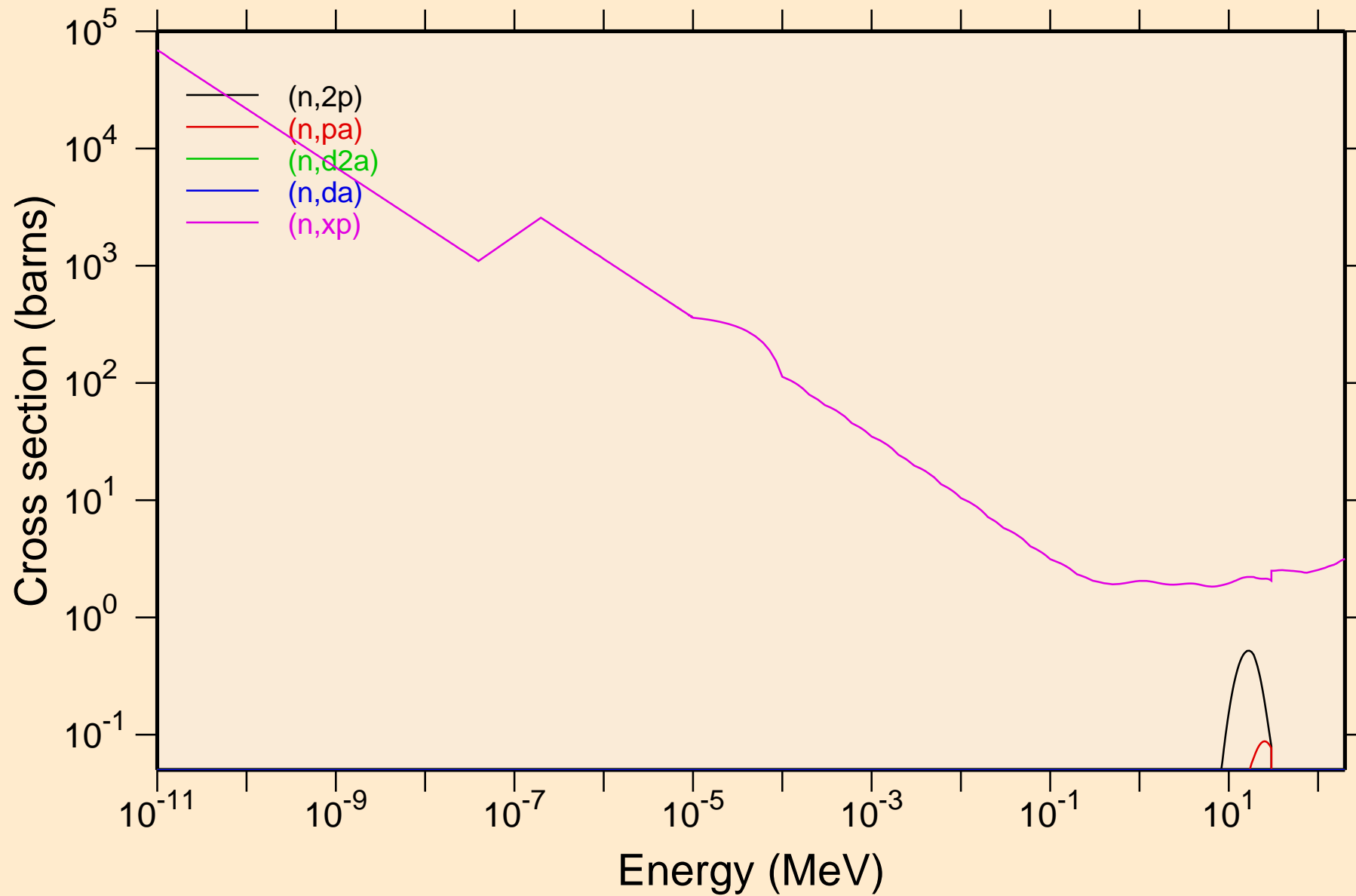
## Non-threshold reactions



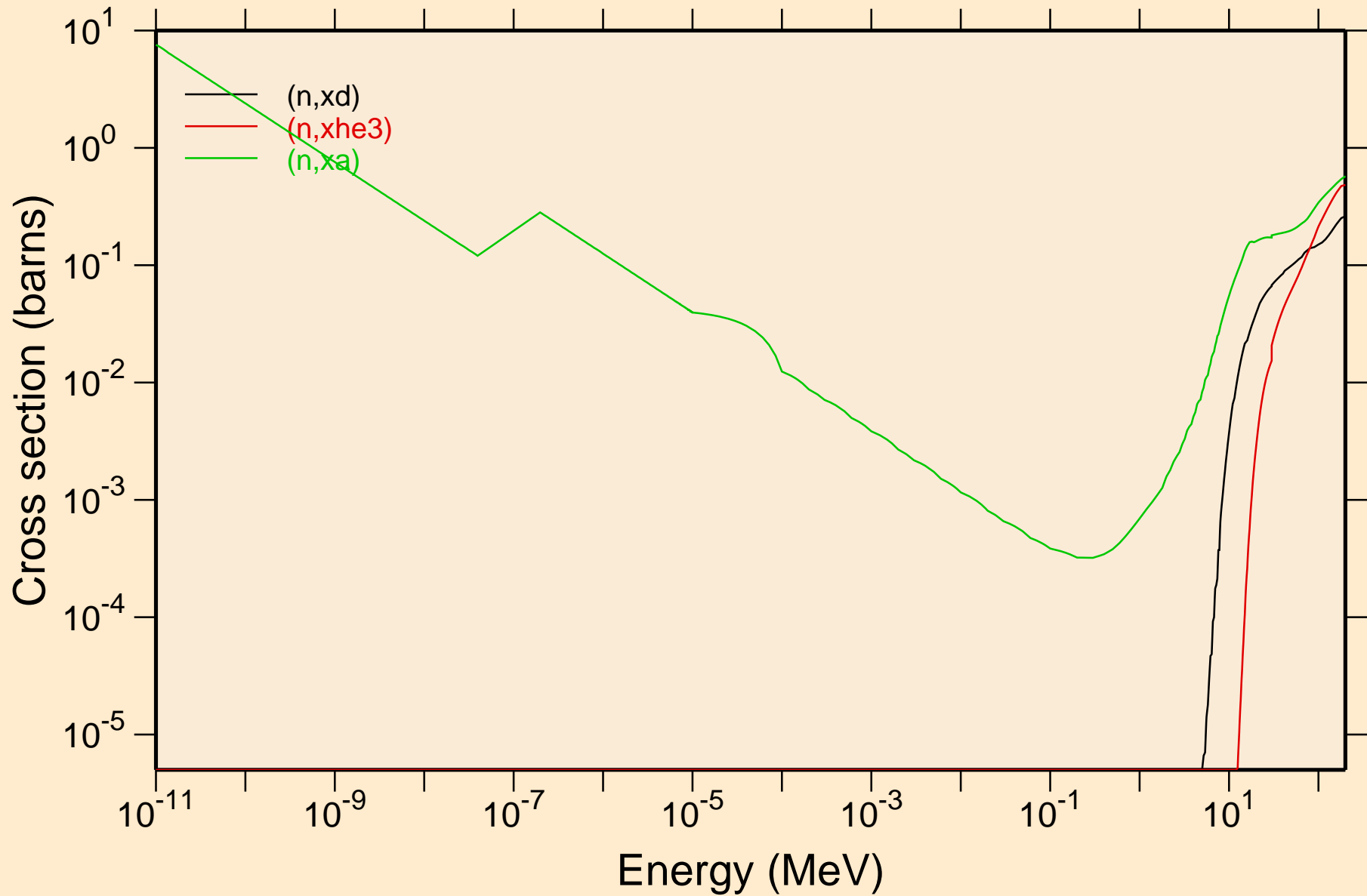
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

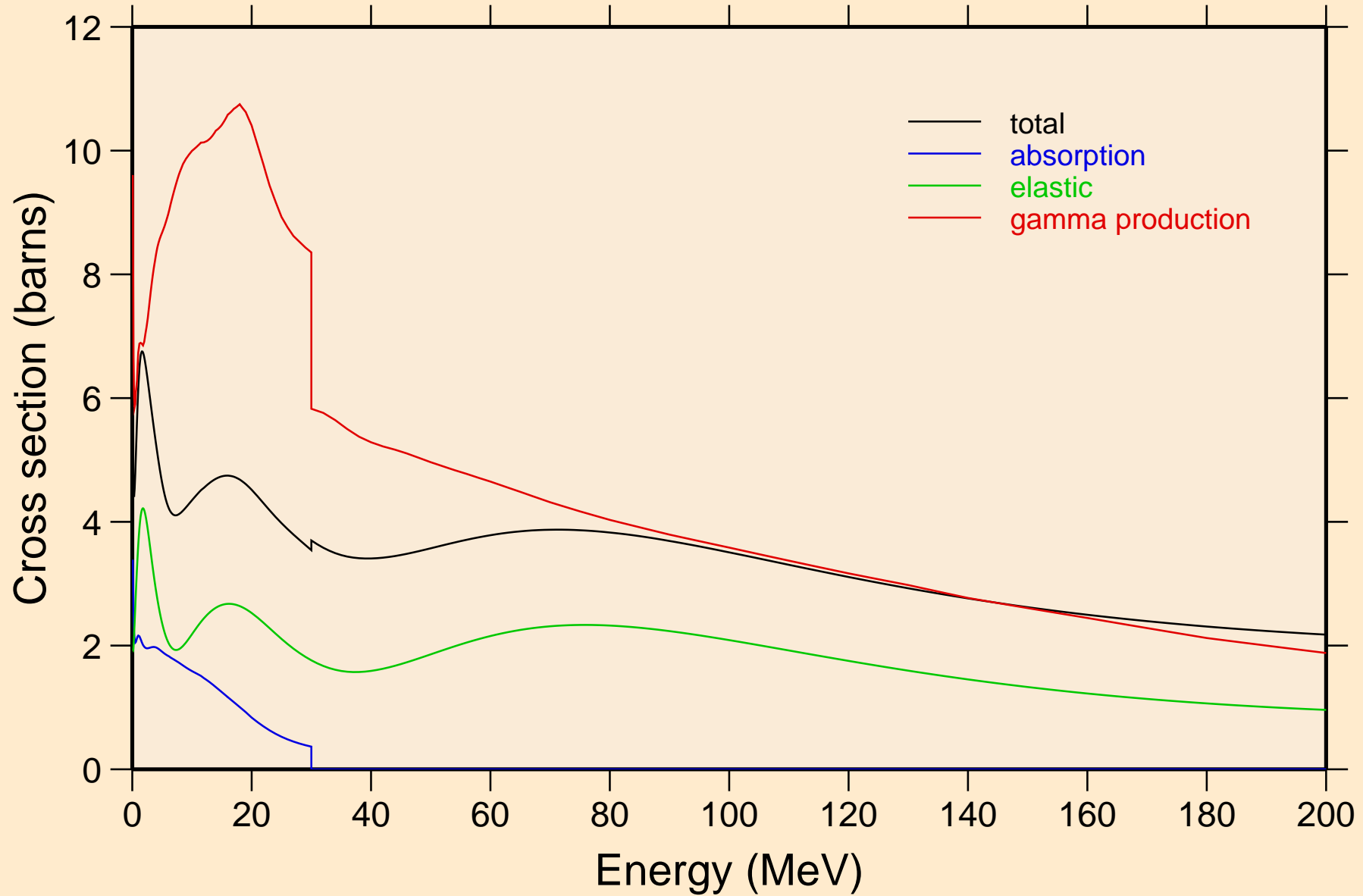


PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



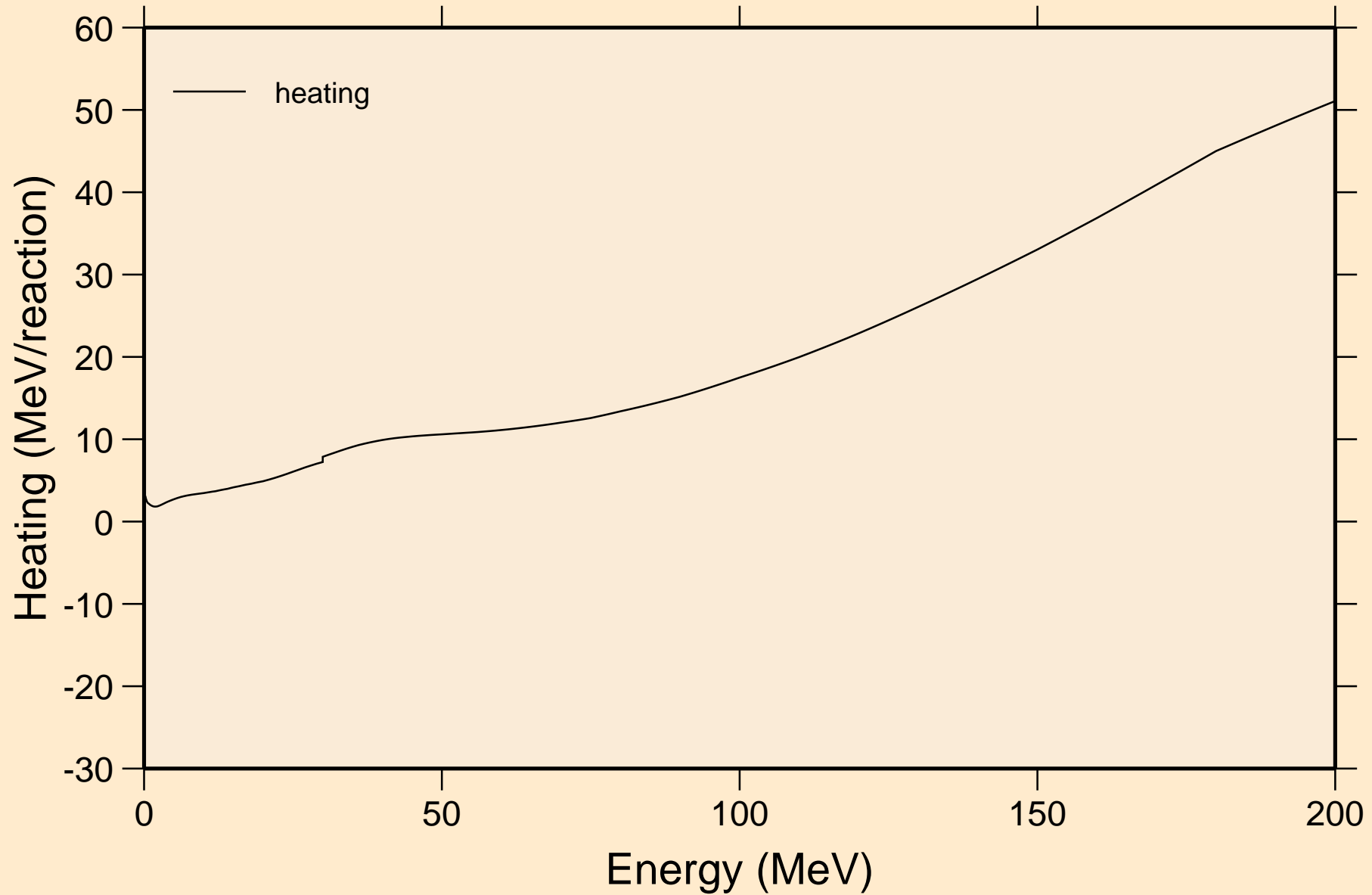
# PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



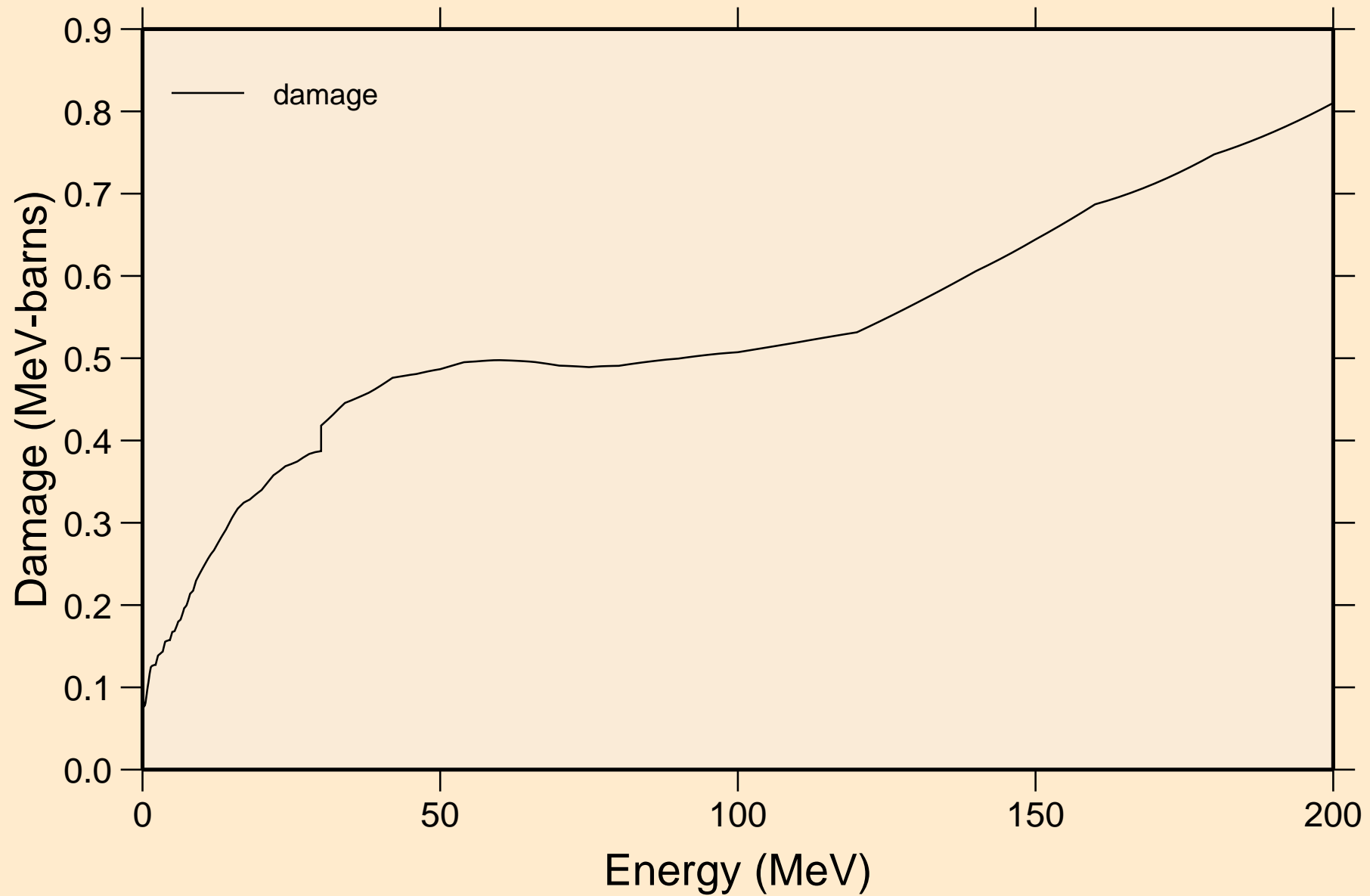
# PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

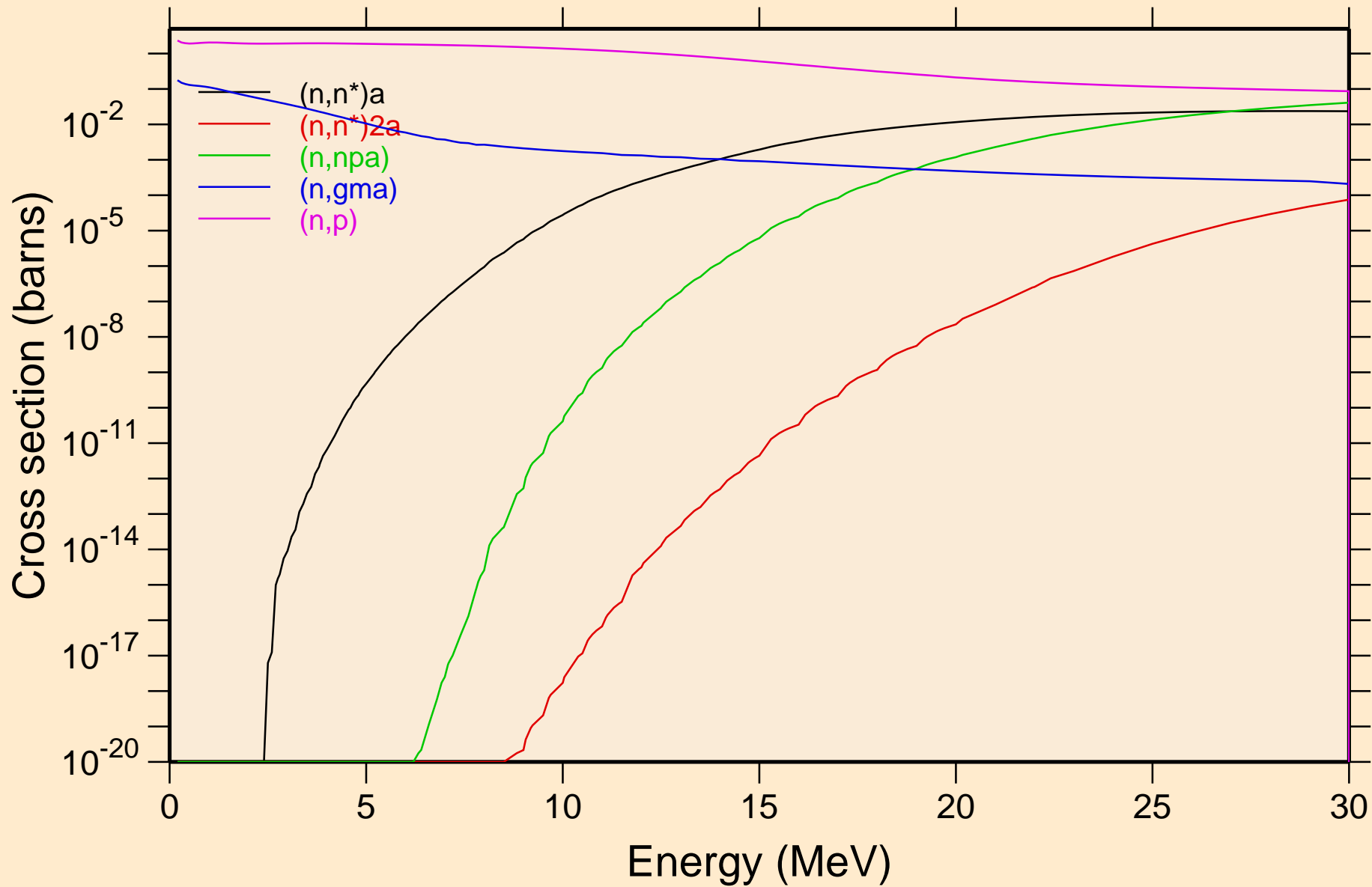


# PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

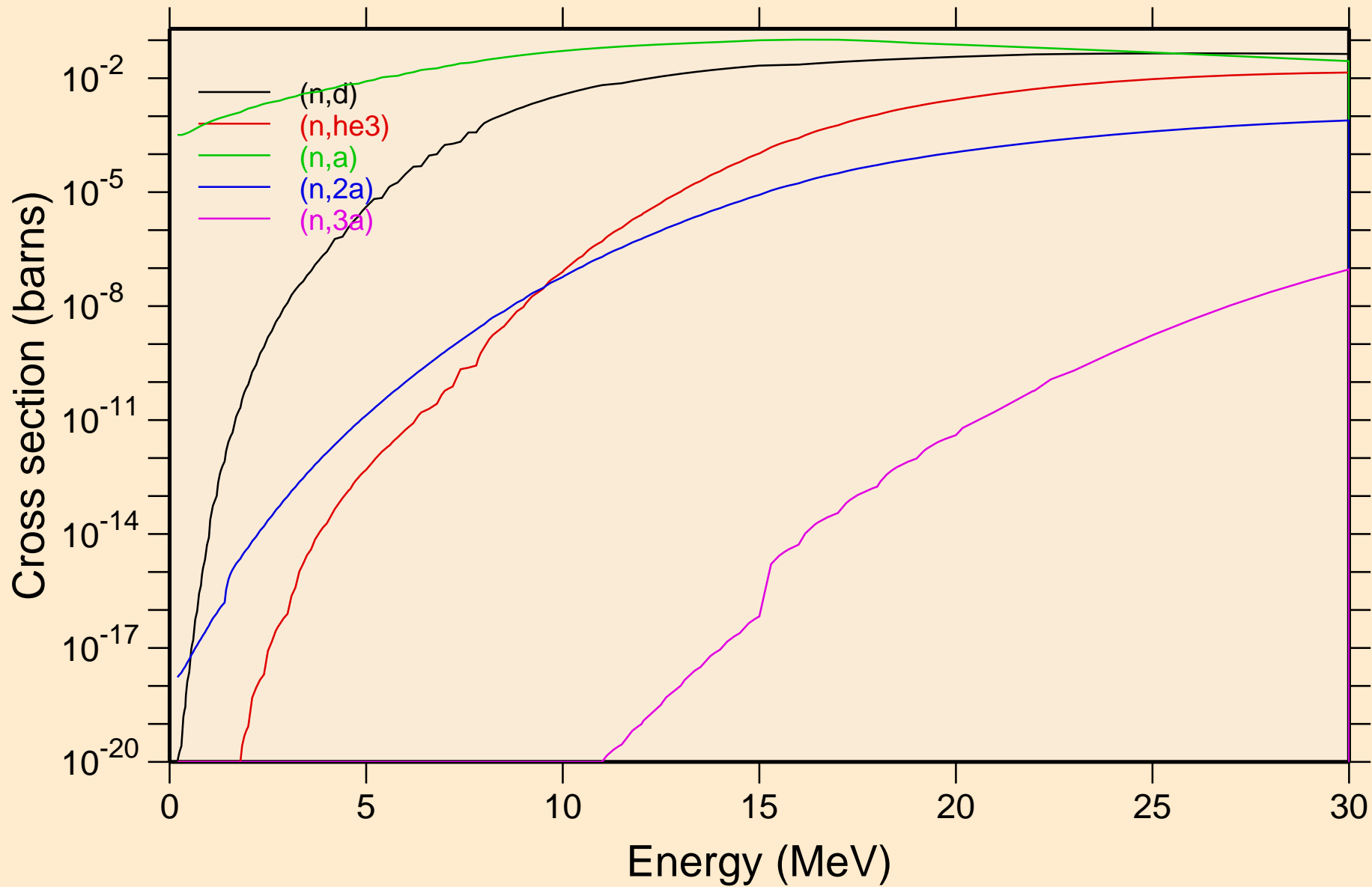


PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

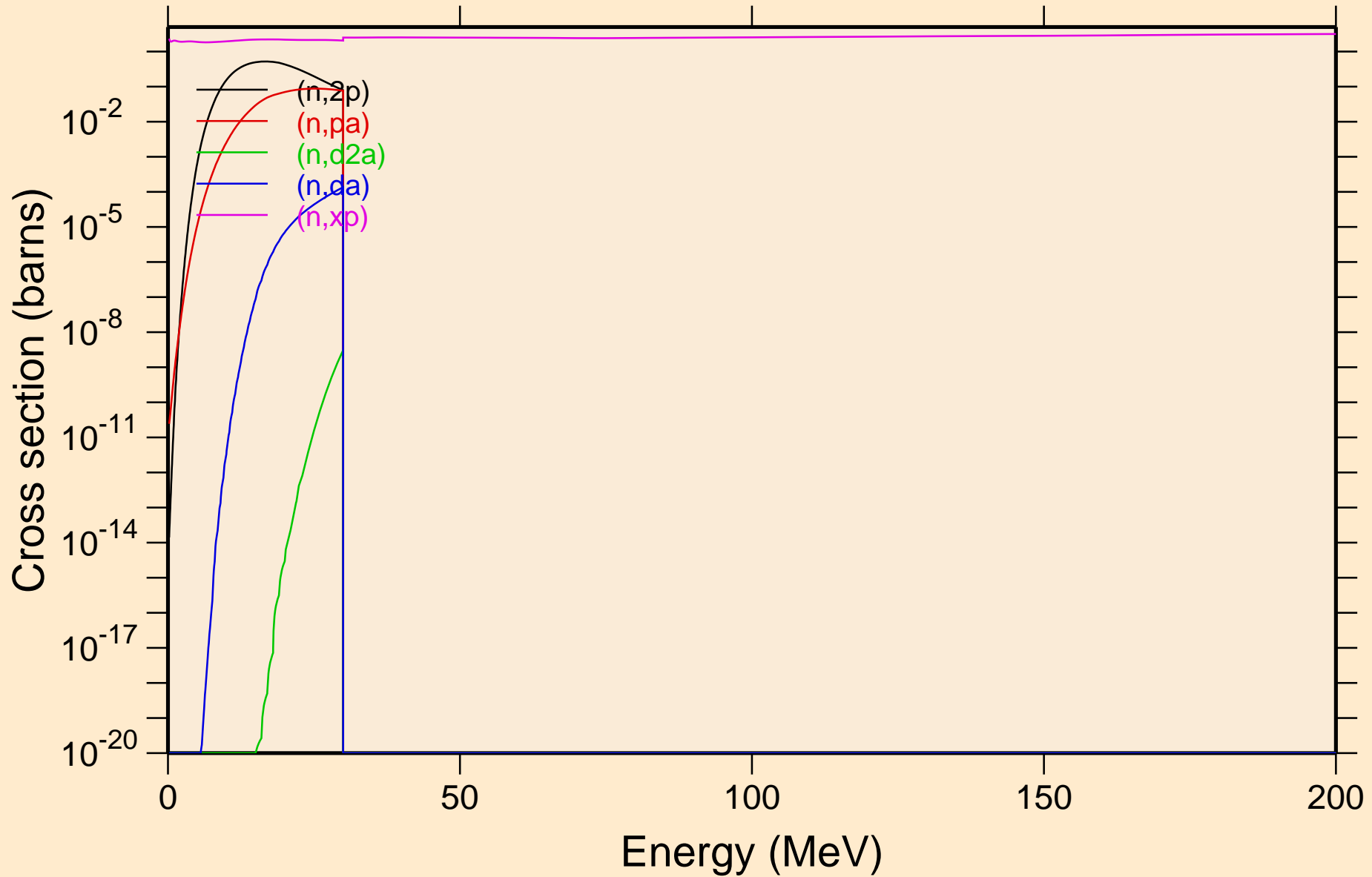




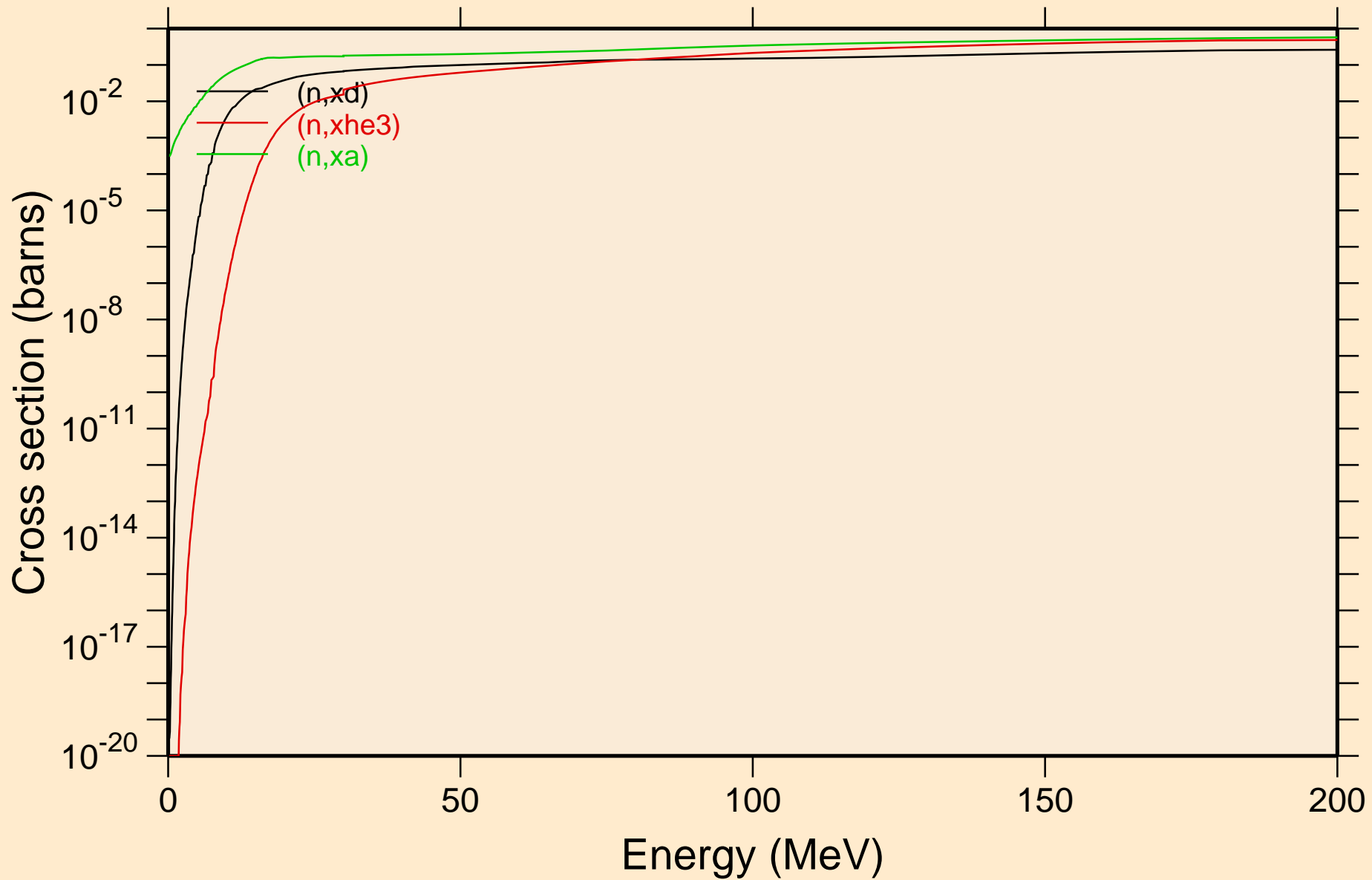
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



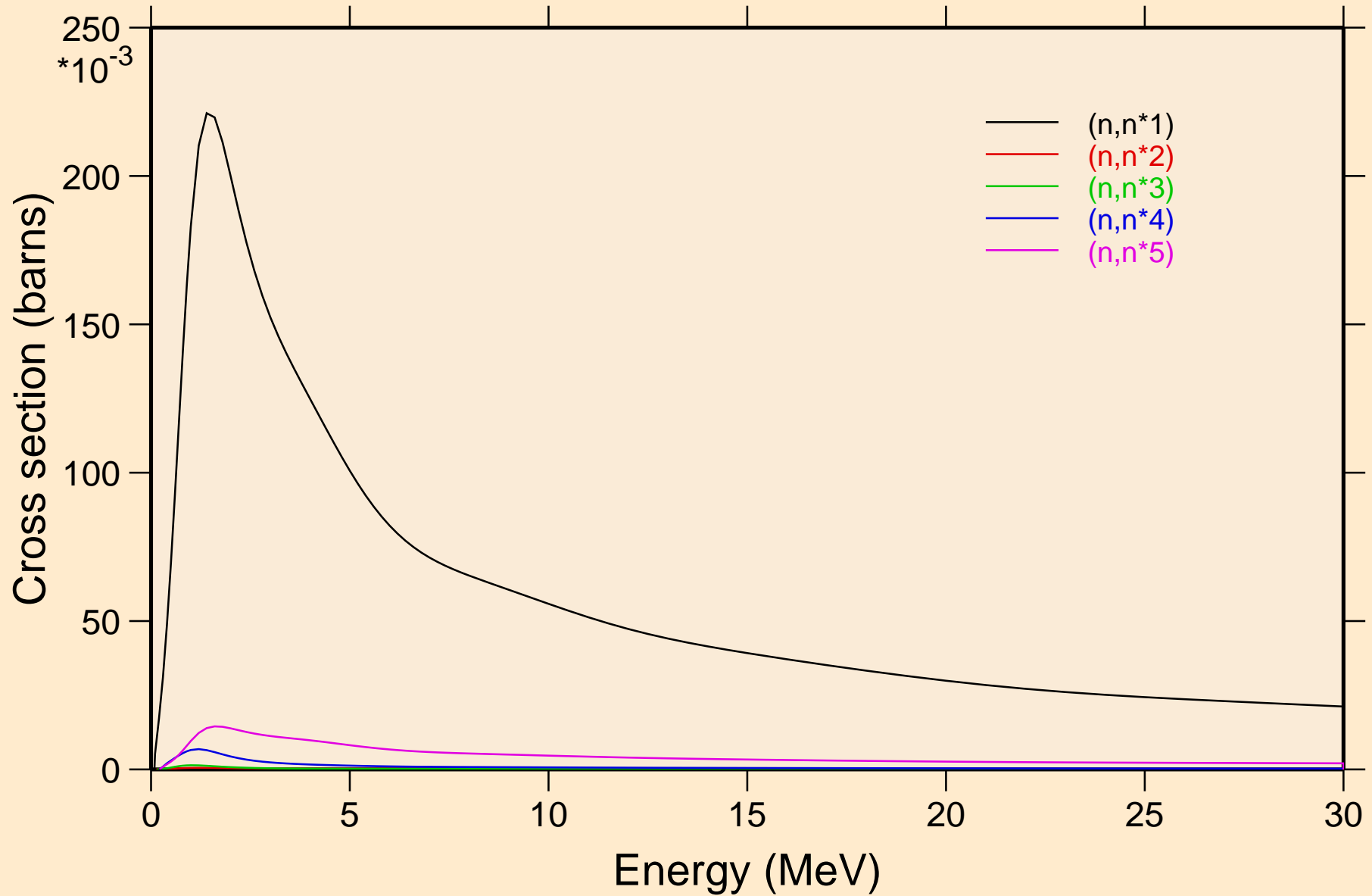
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



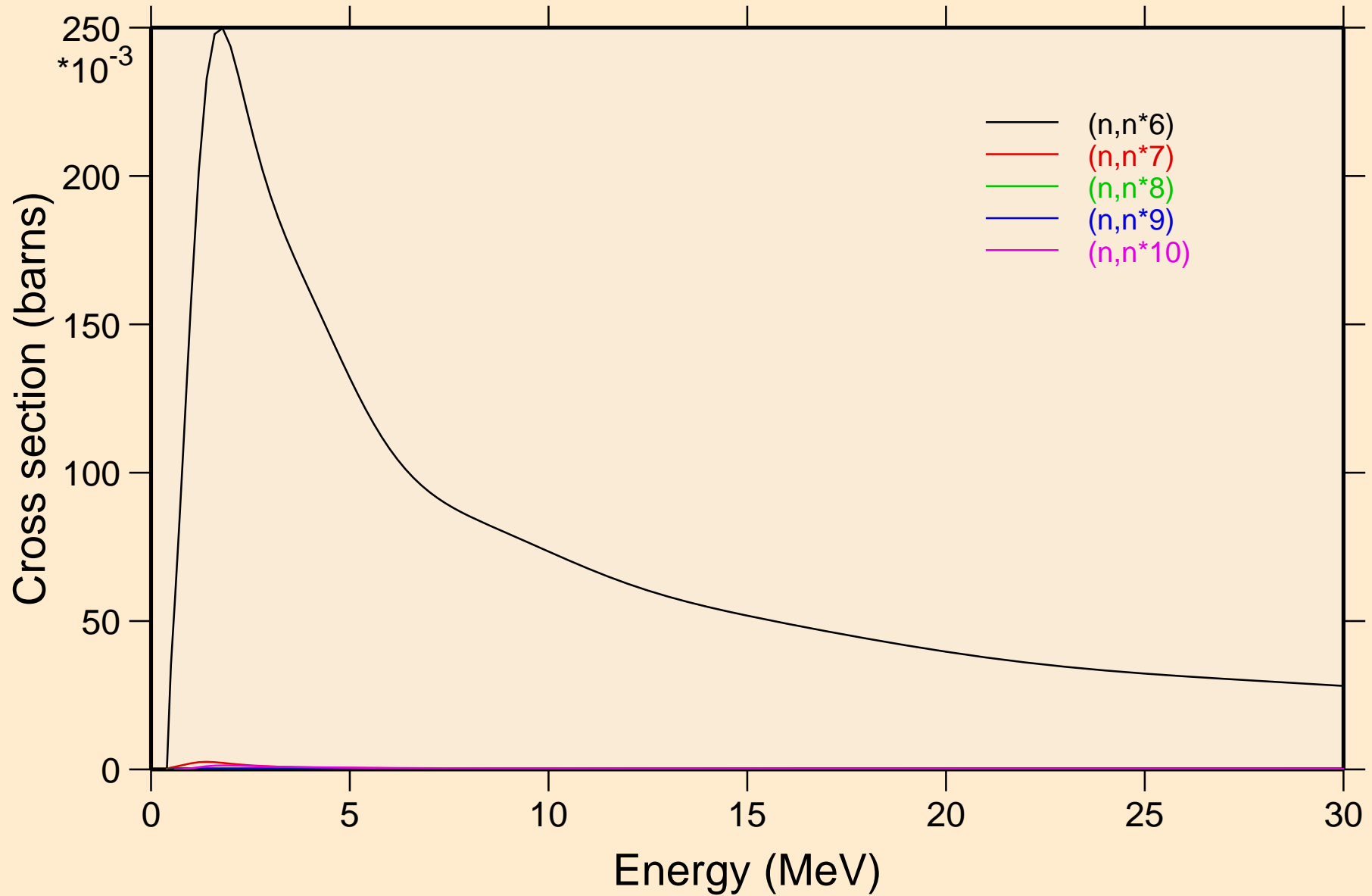
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



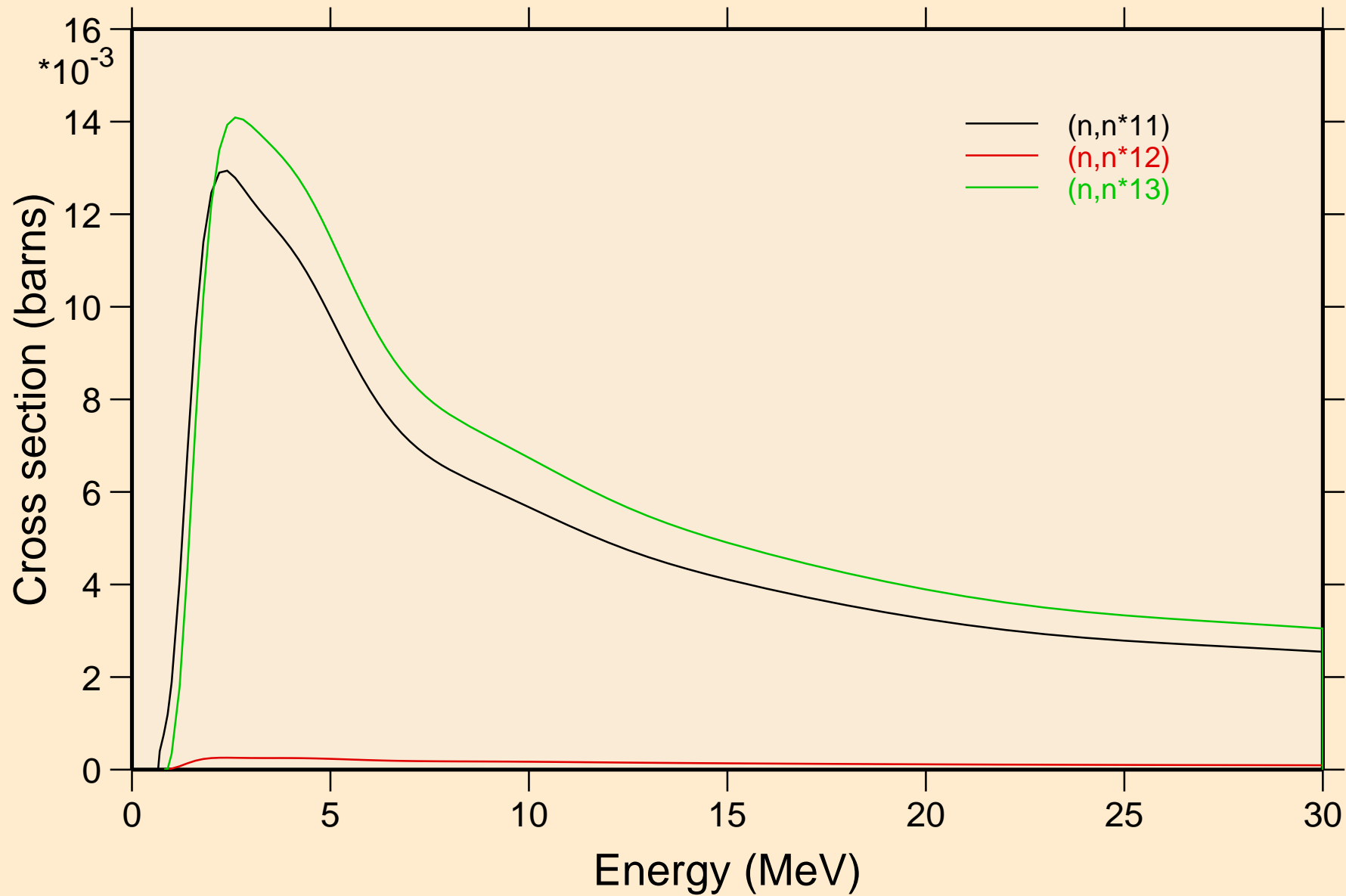
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

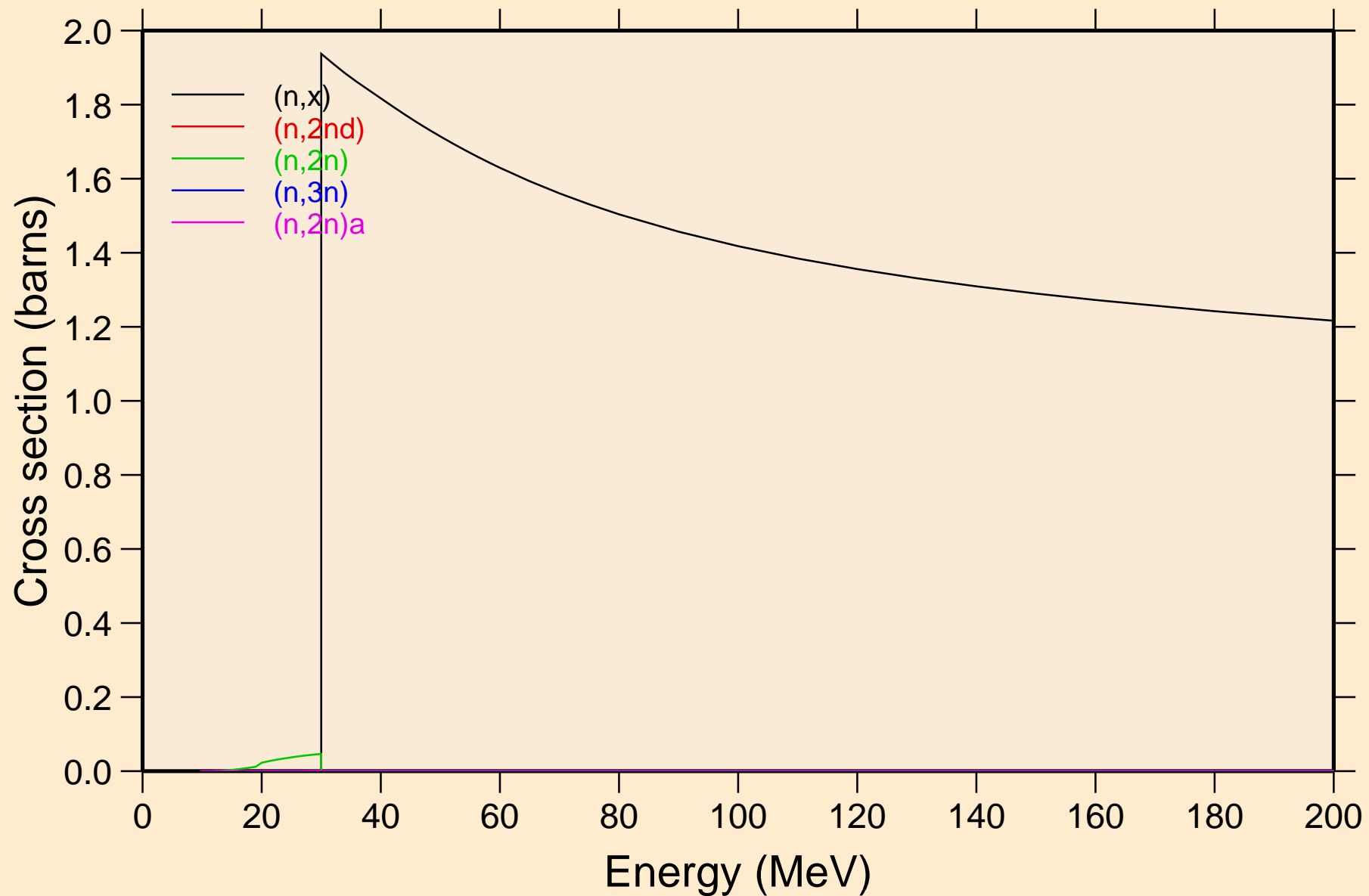


PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



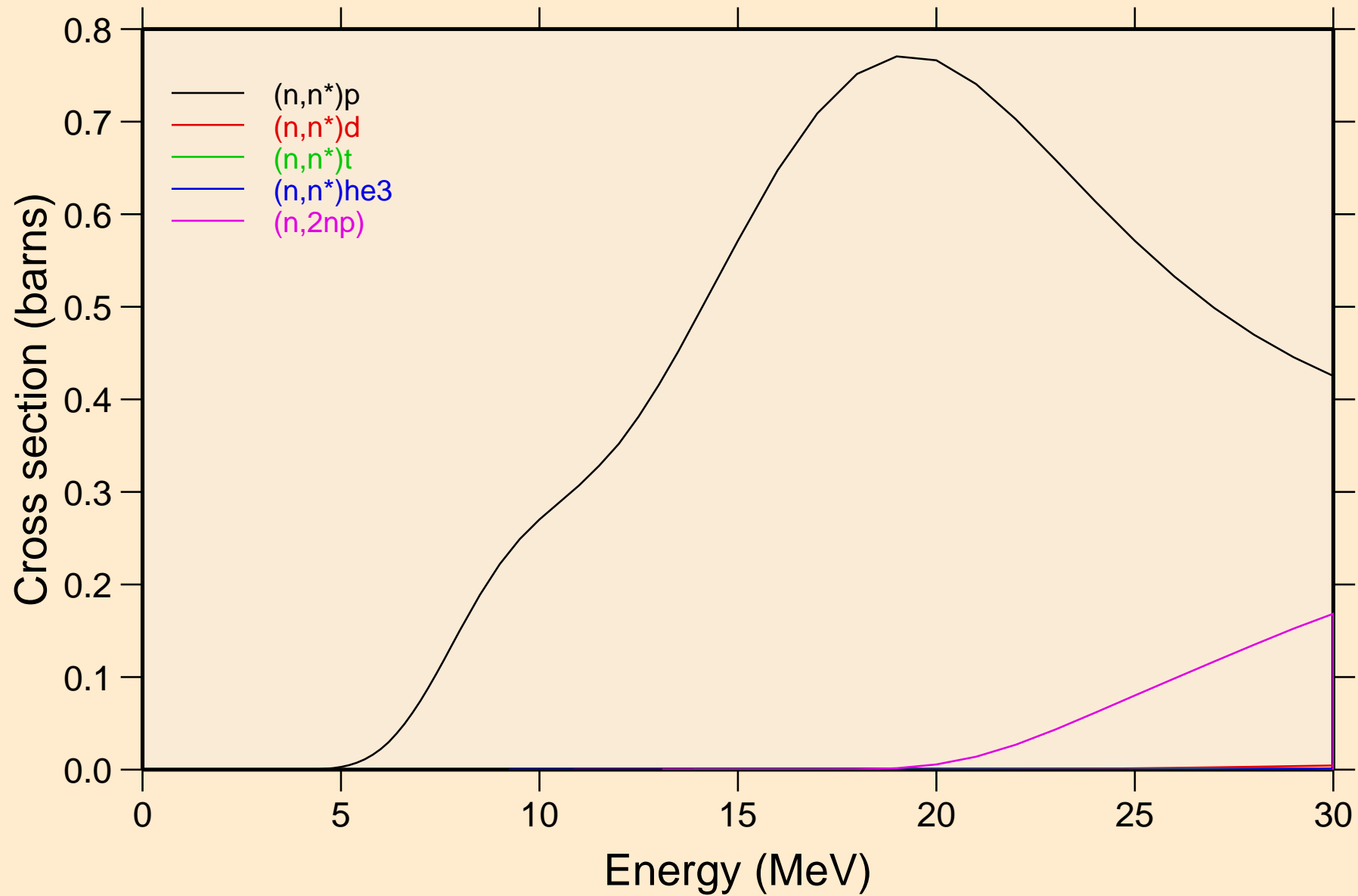
# PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



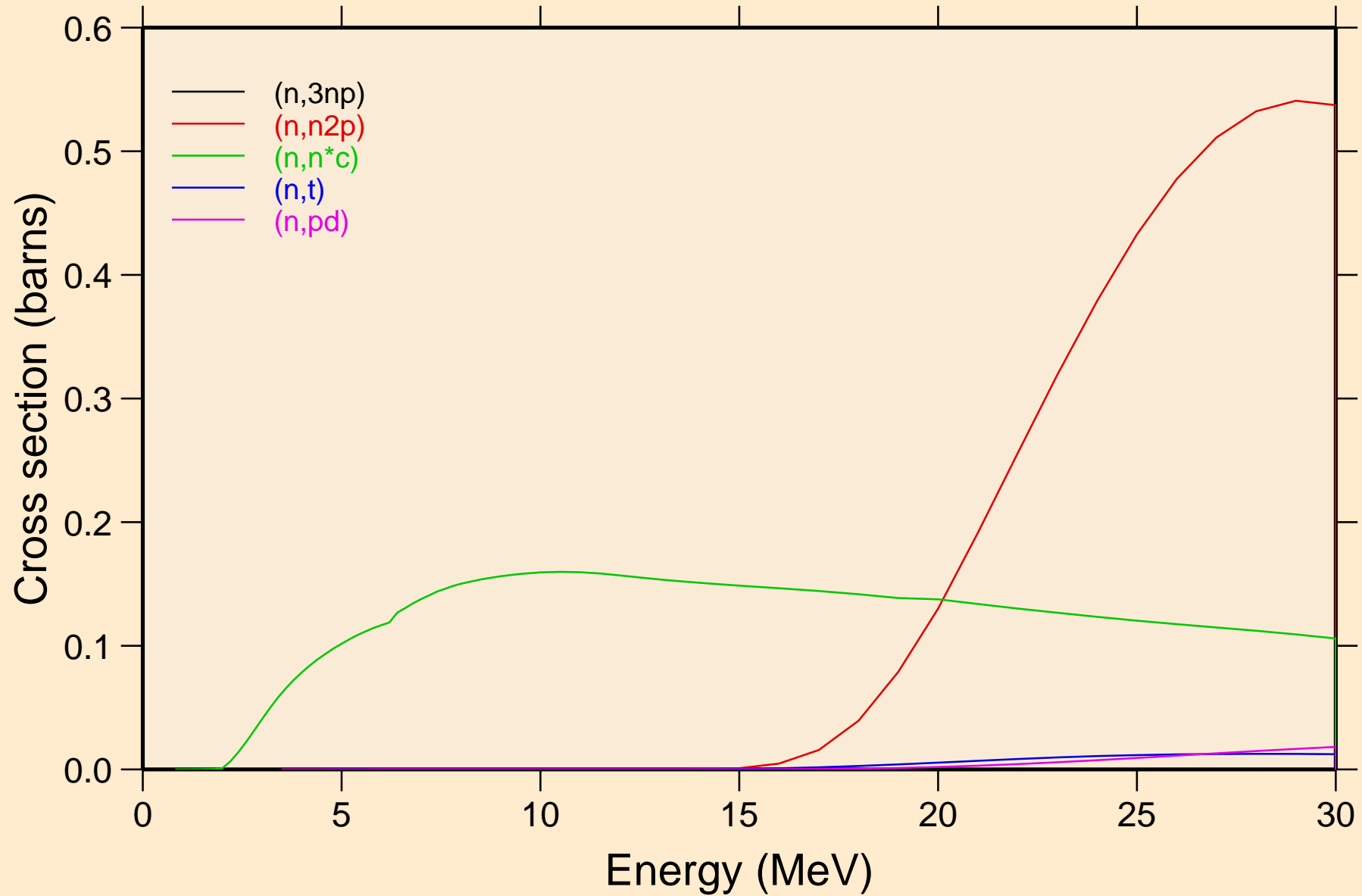
# PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

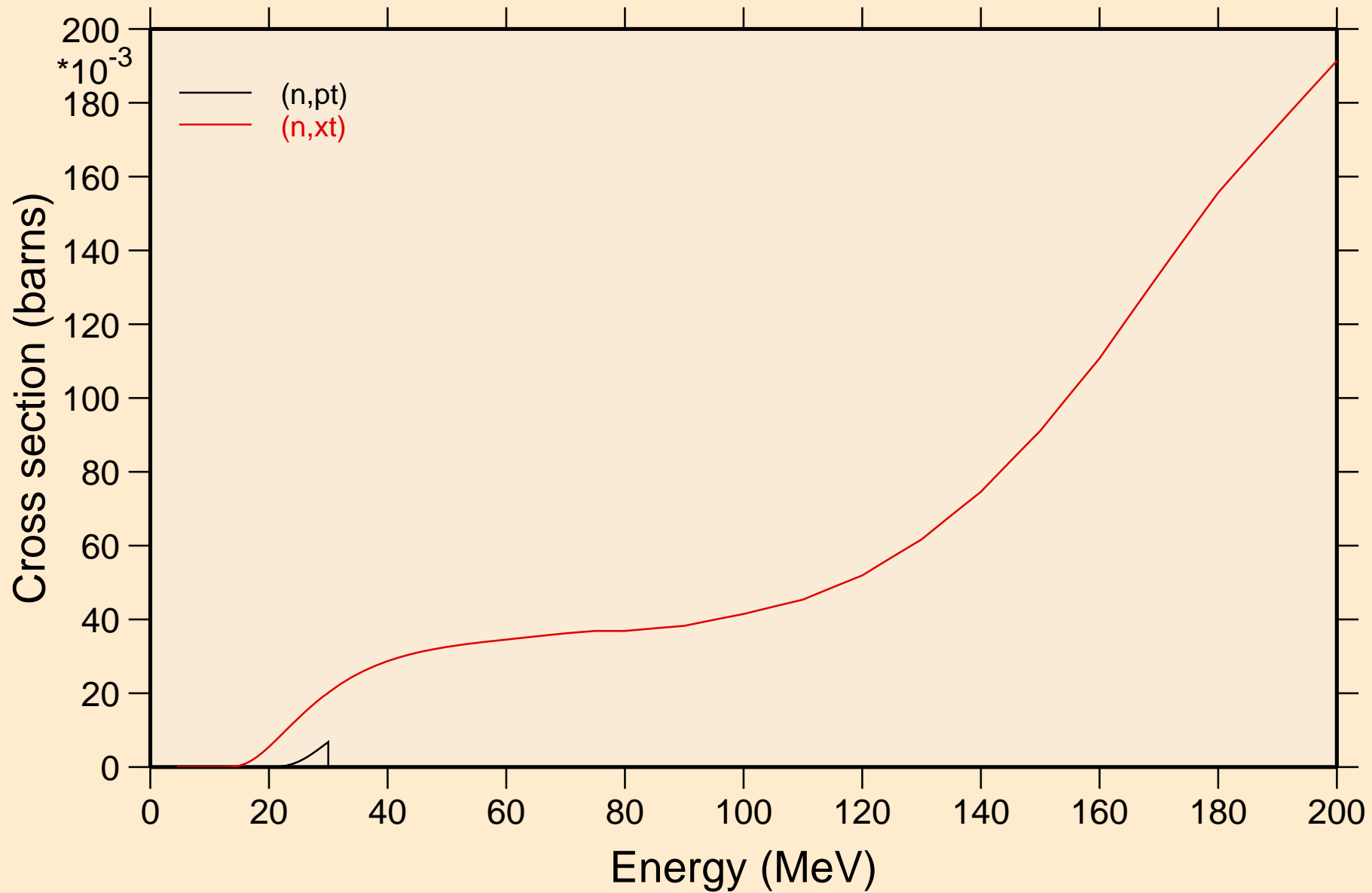




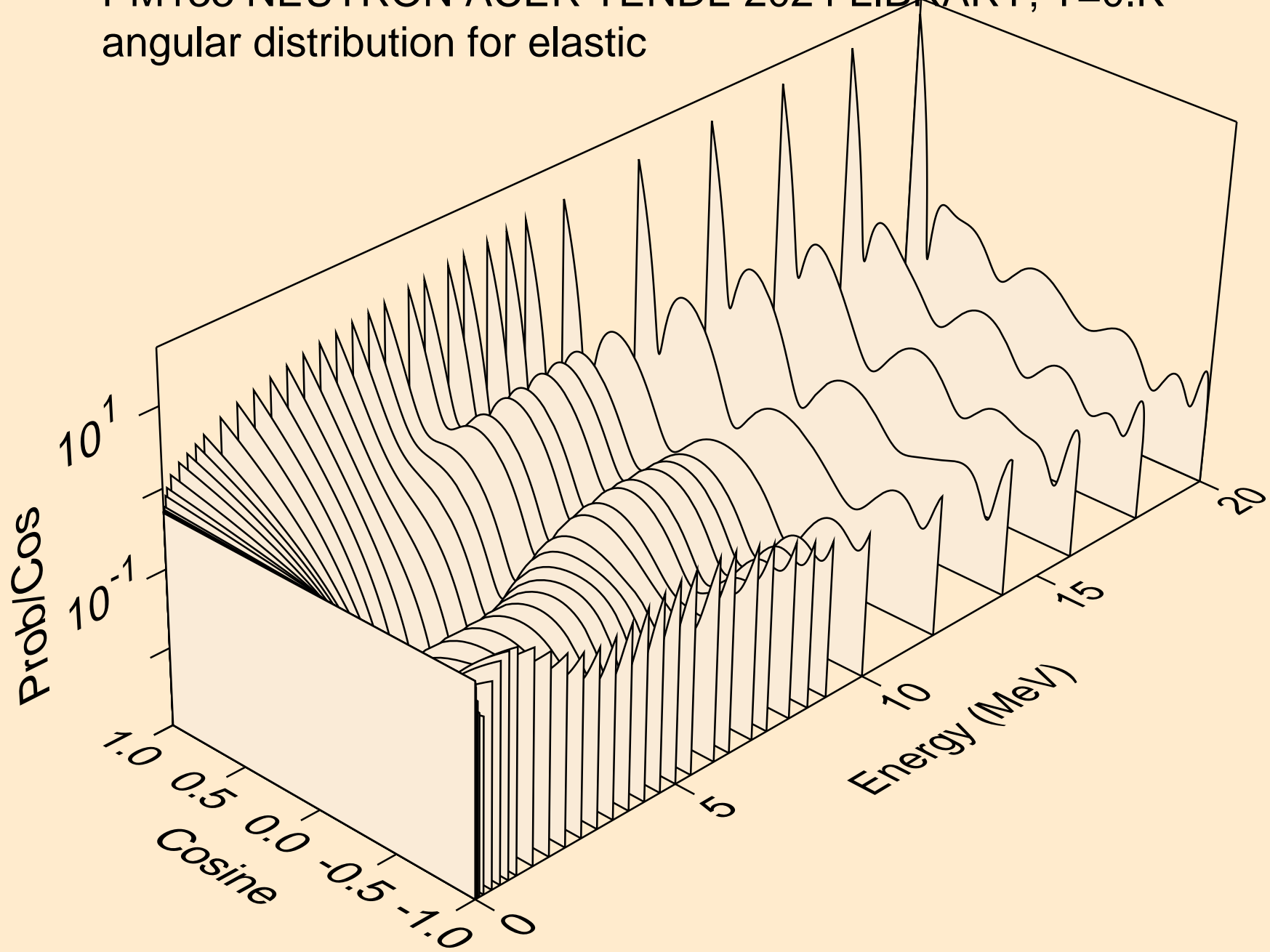
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



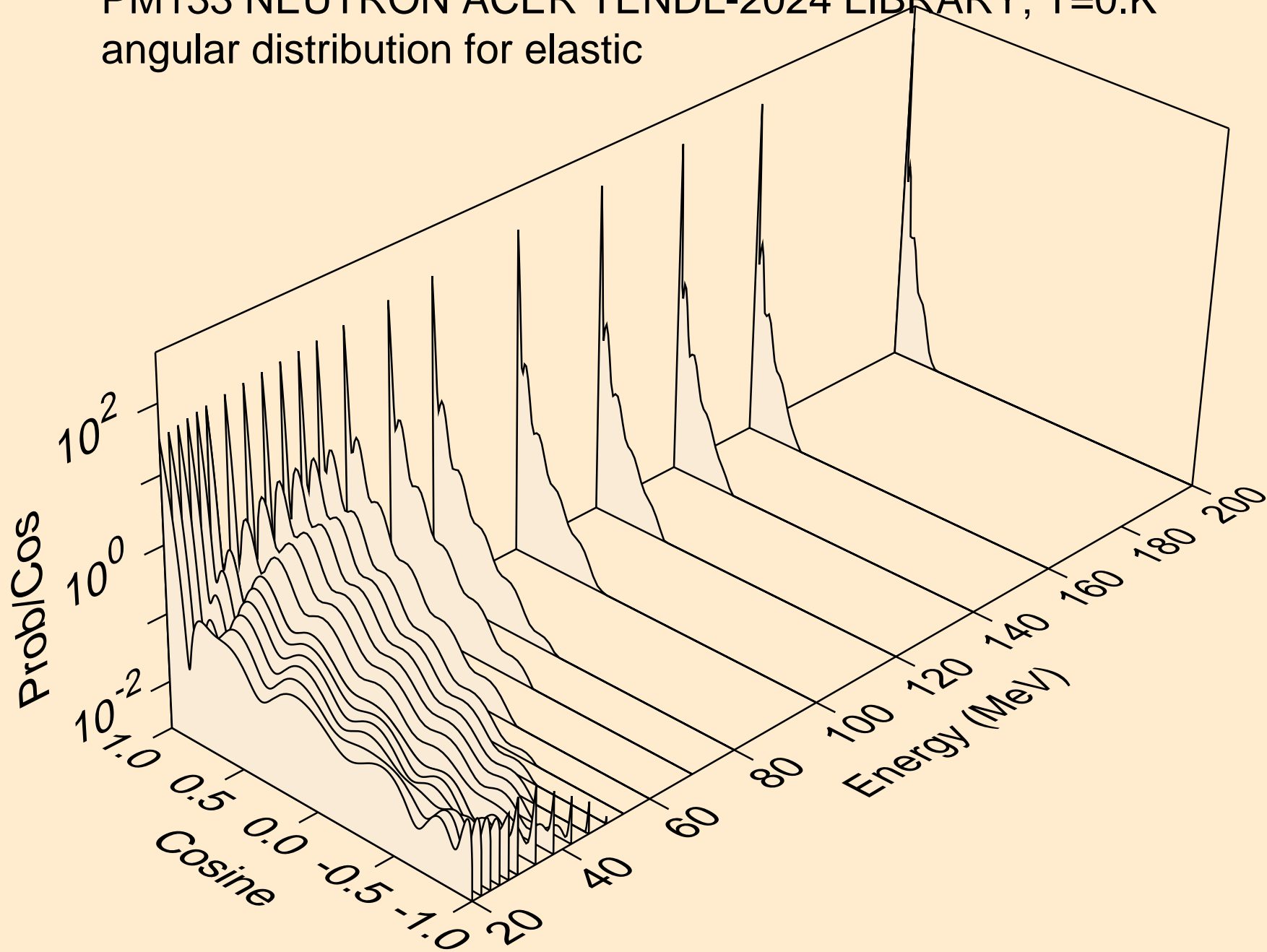
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



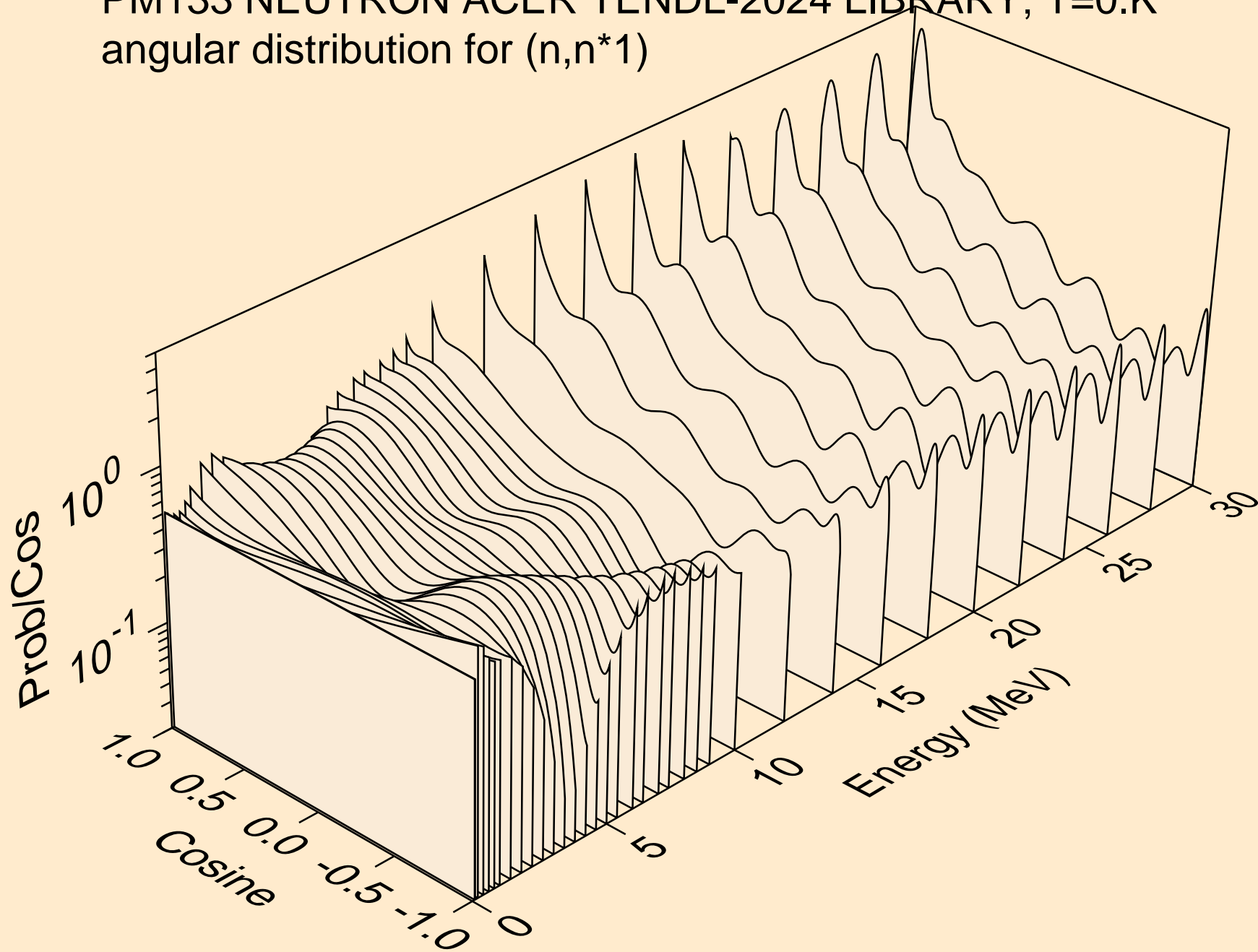
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



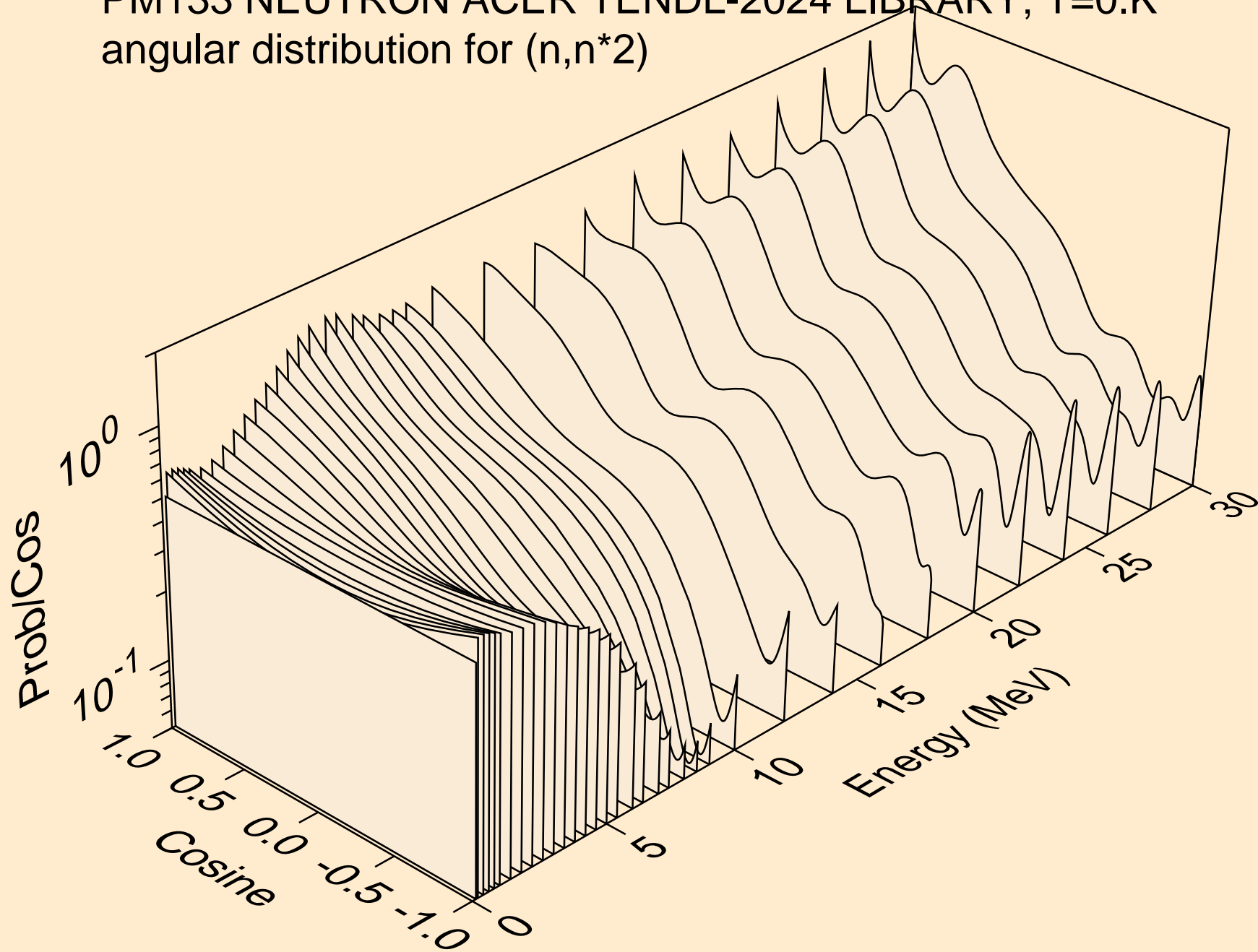
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



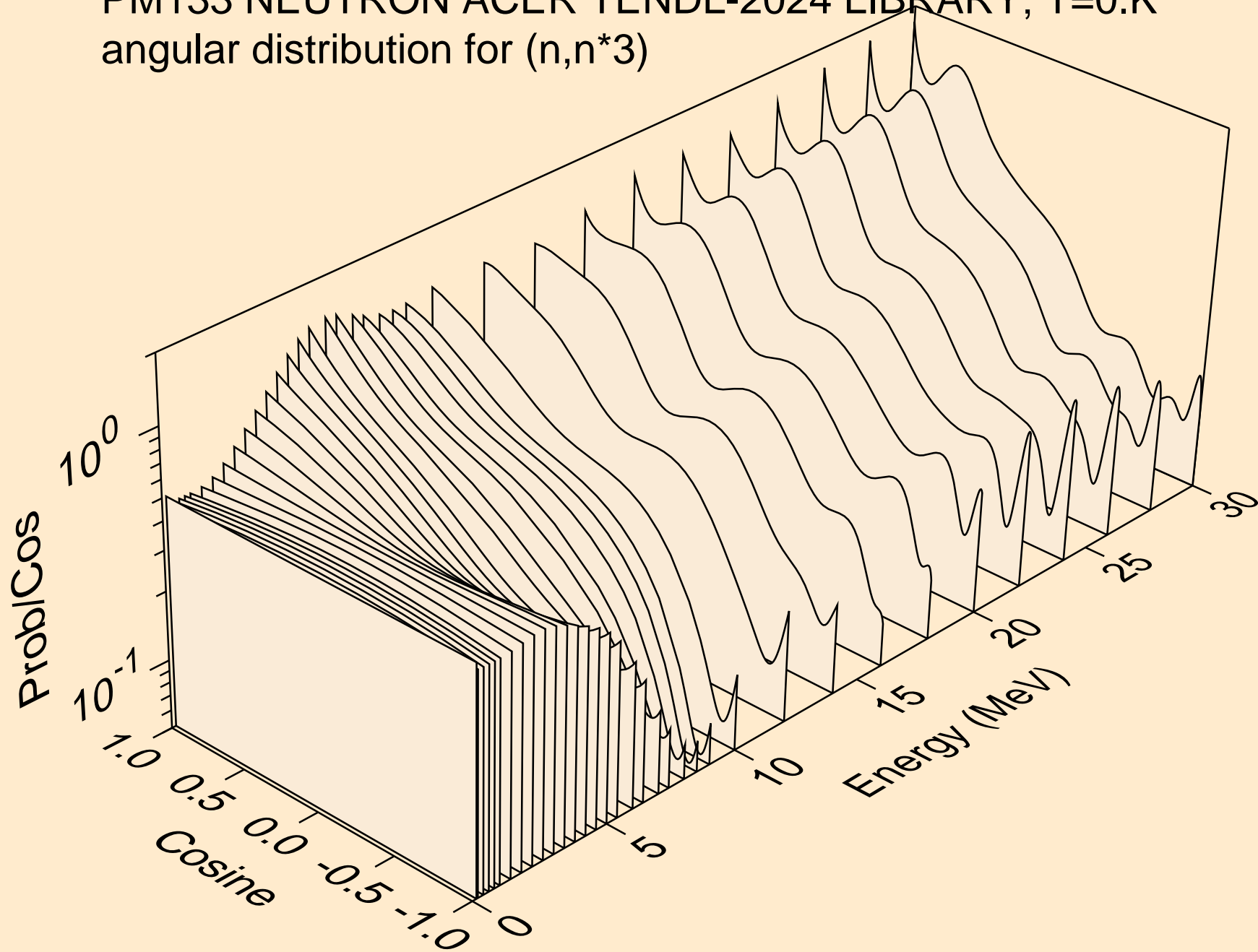
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



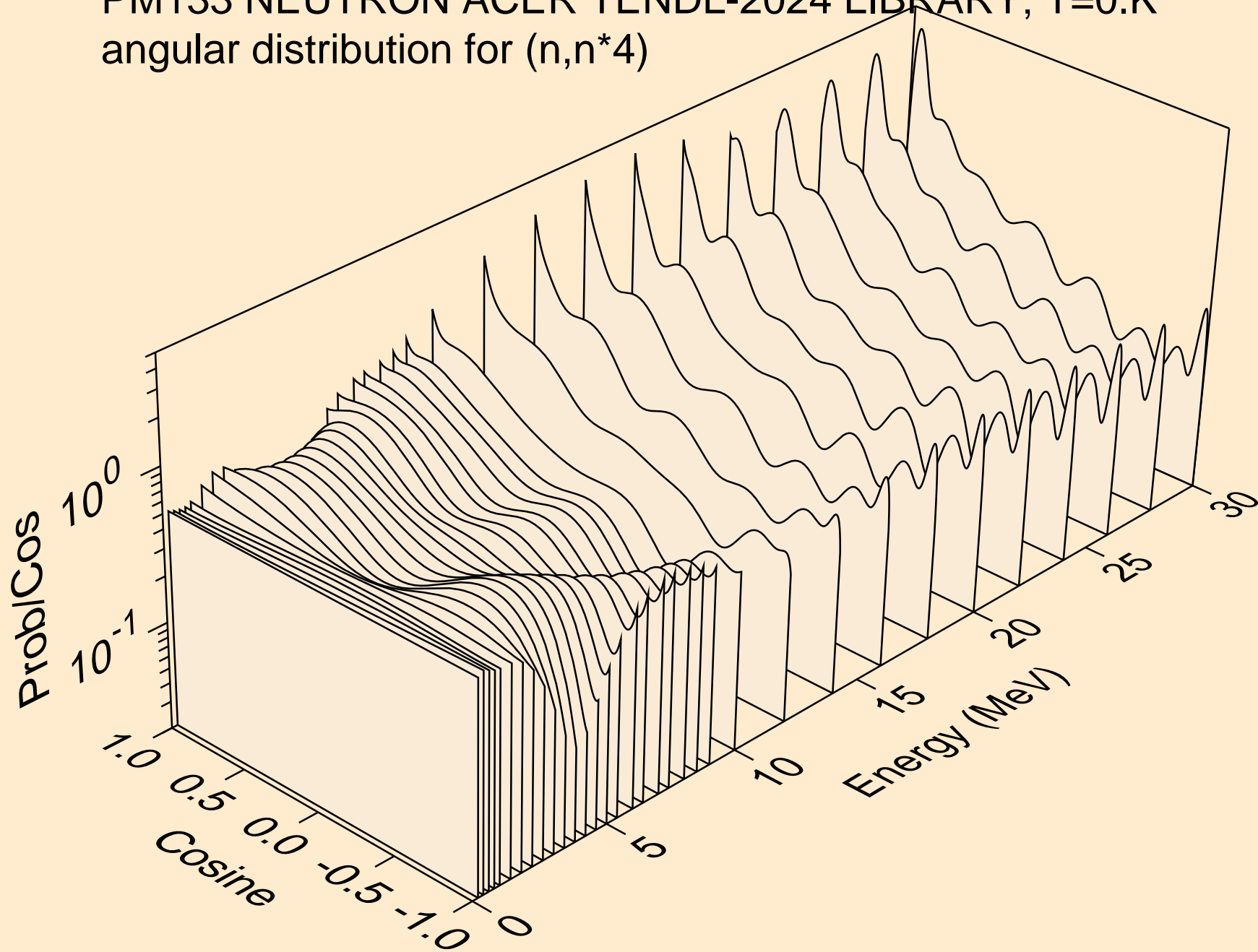
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

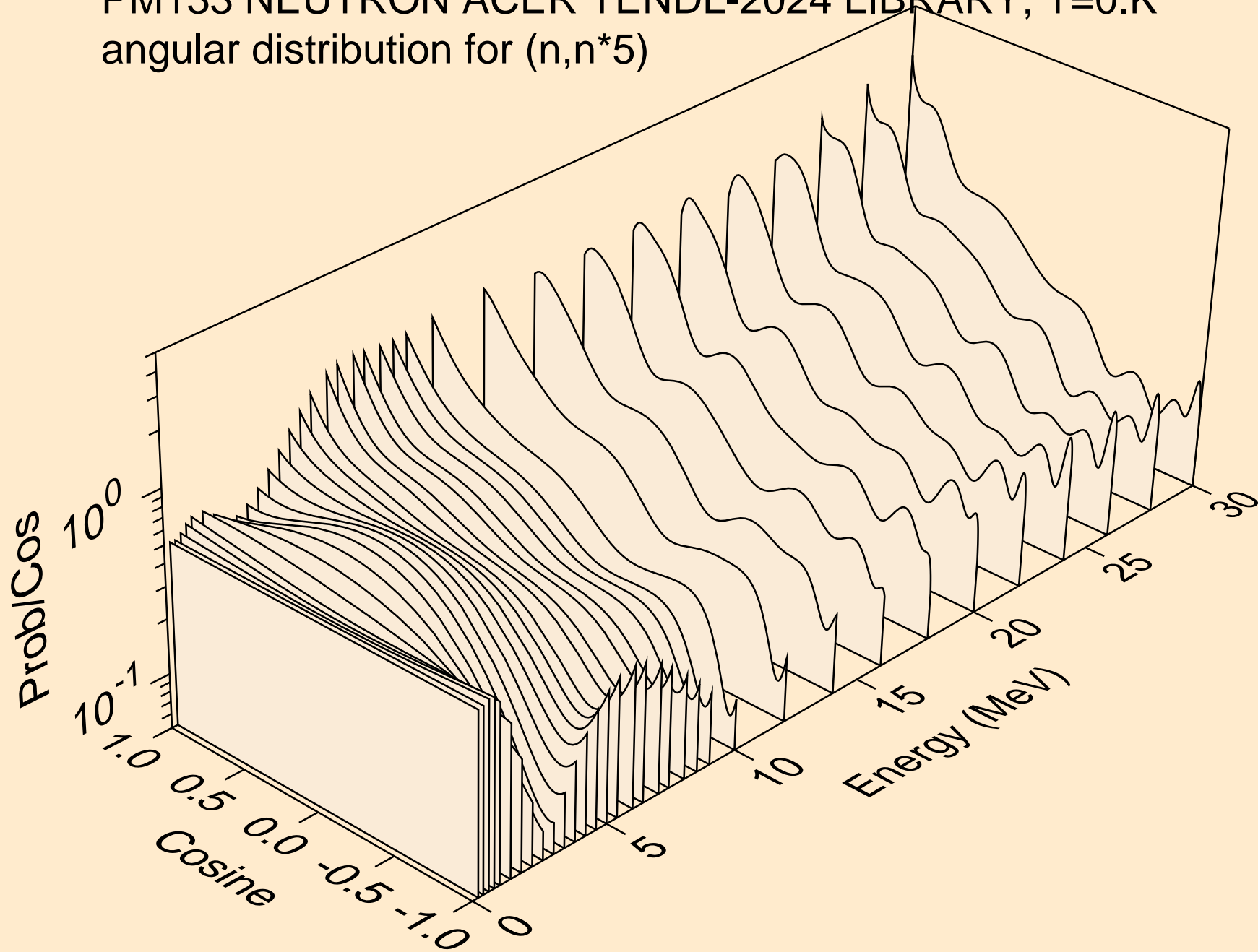


PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

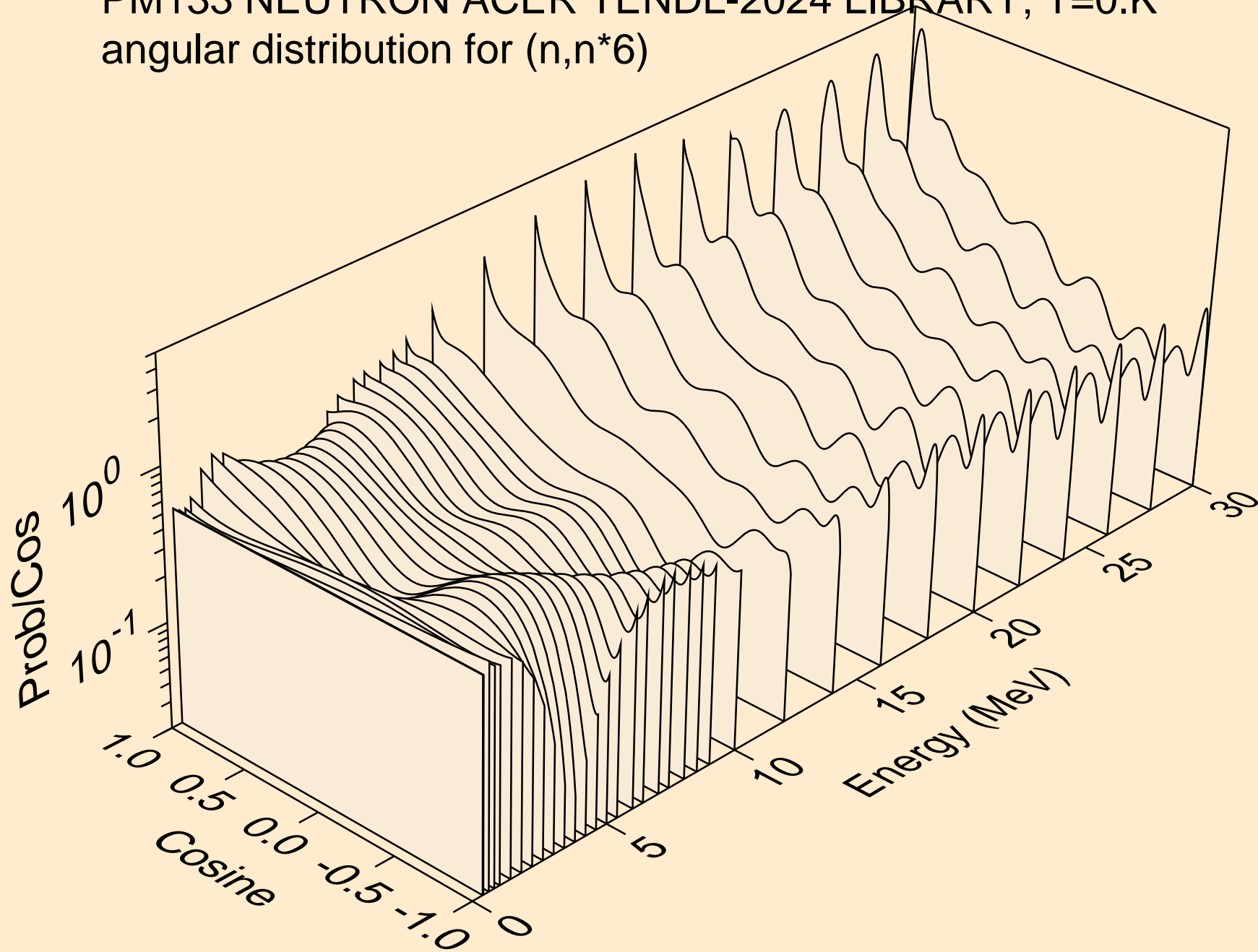




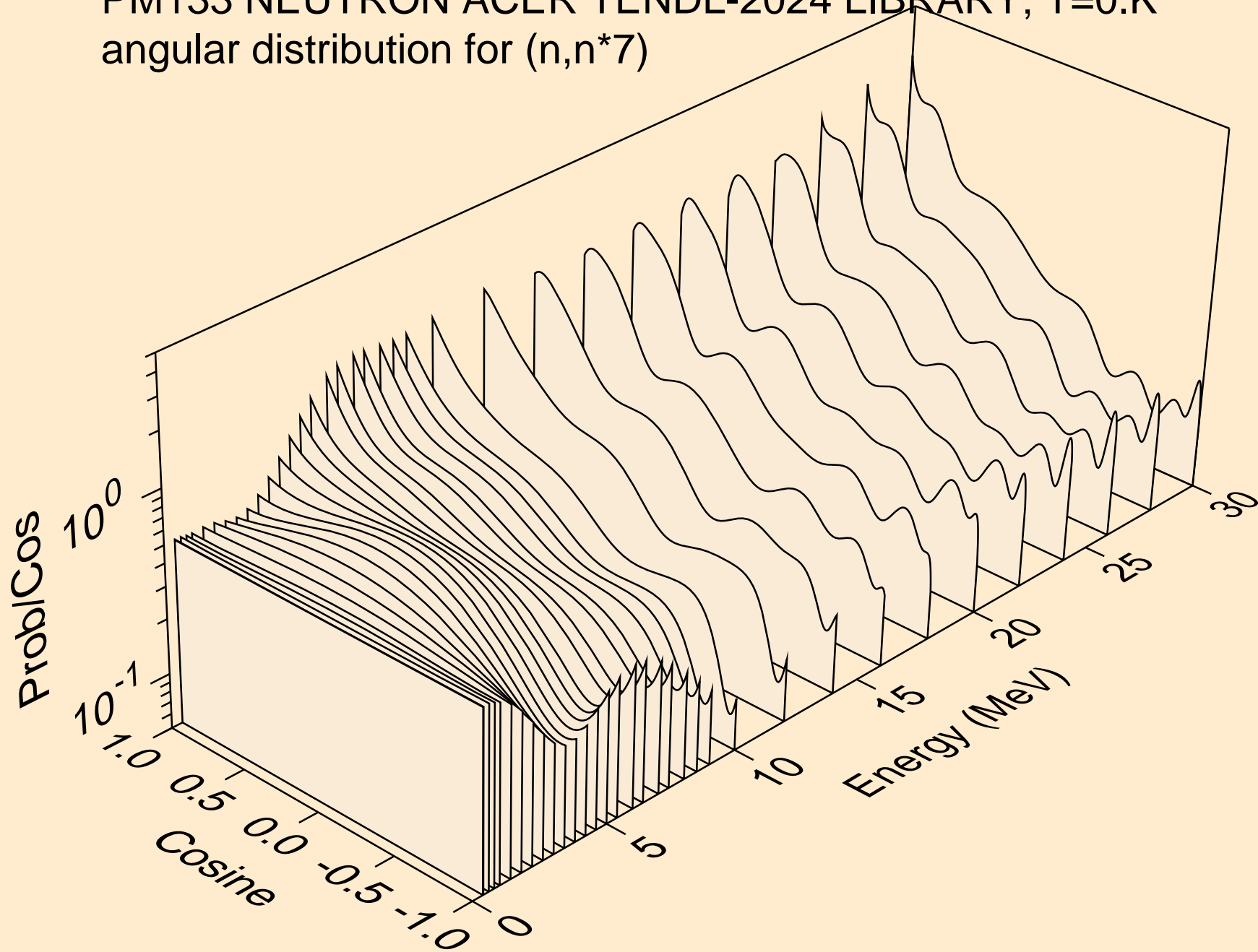
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



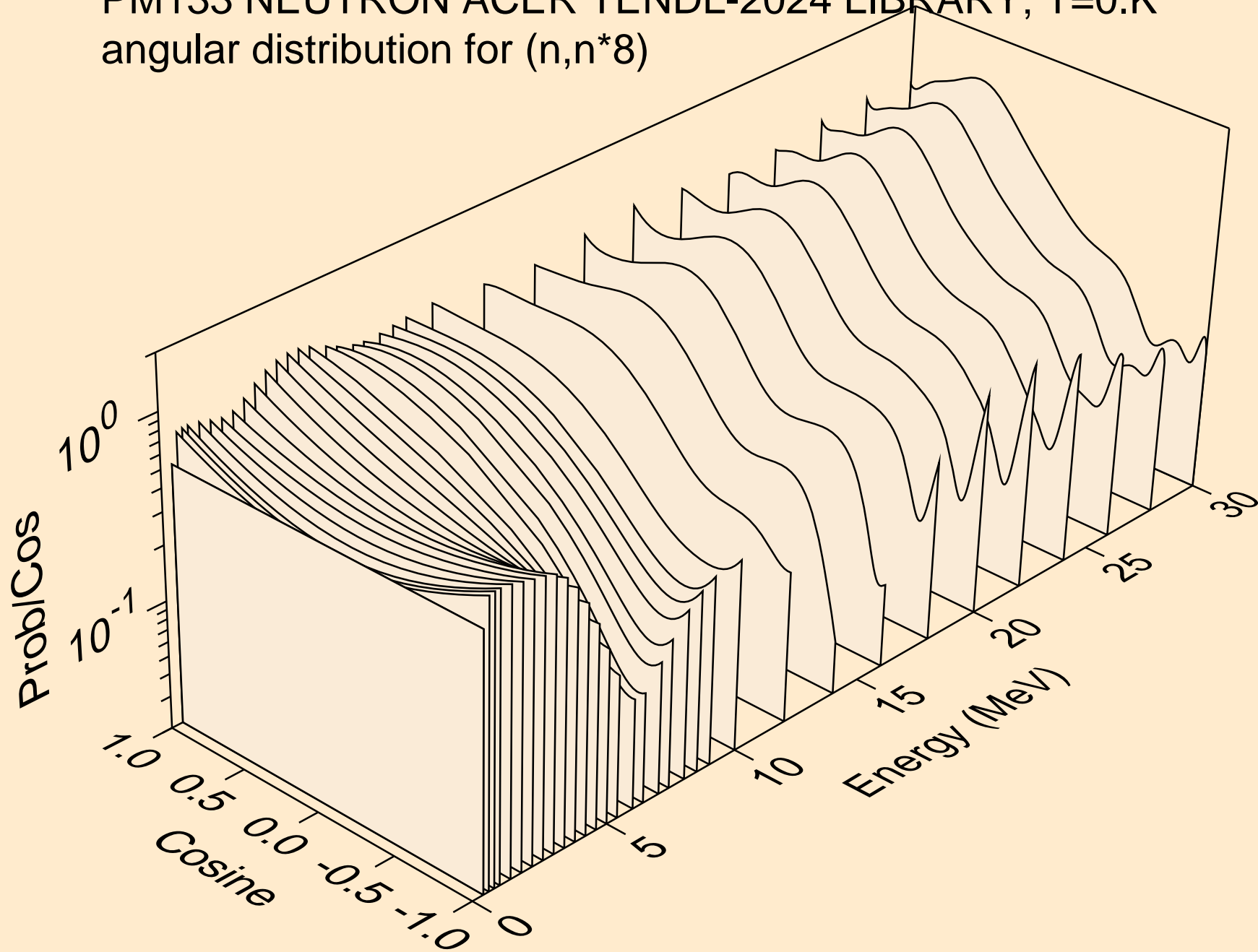
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angular distribution for (n,n\*6)



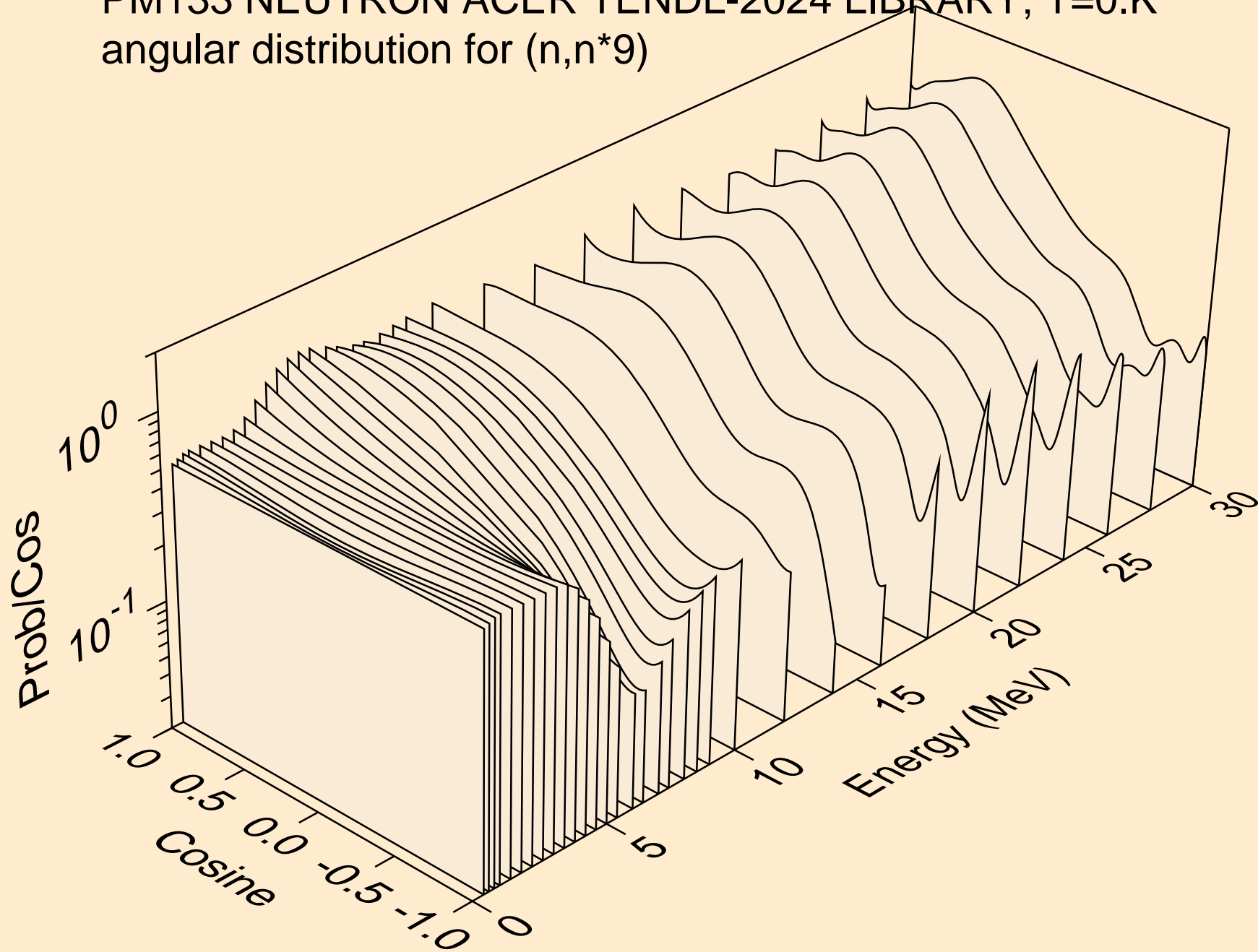
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angular distribution for (n,n\*7)



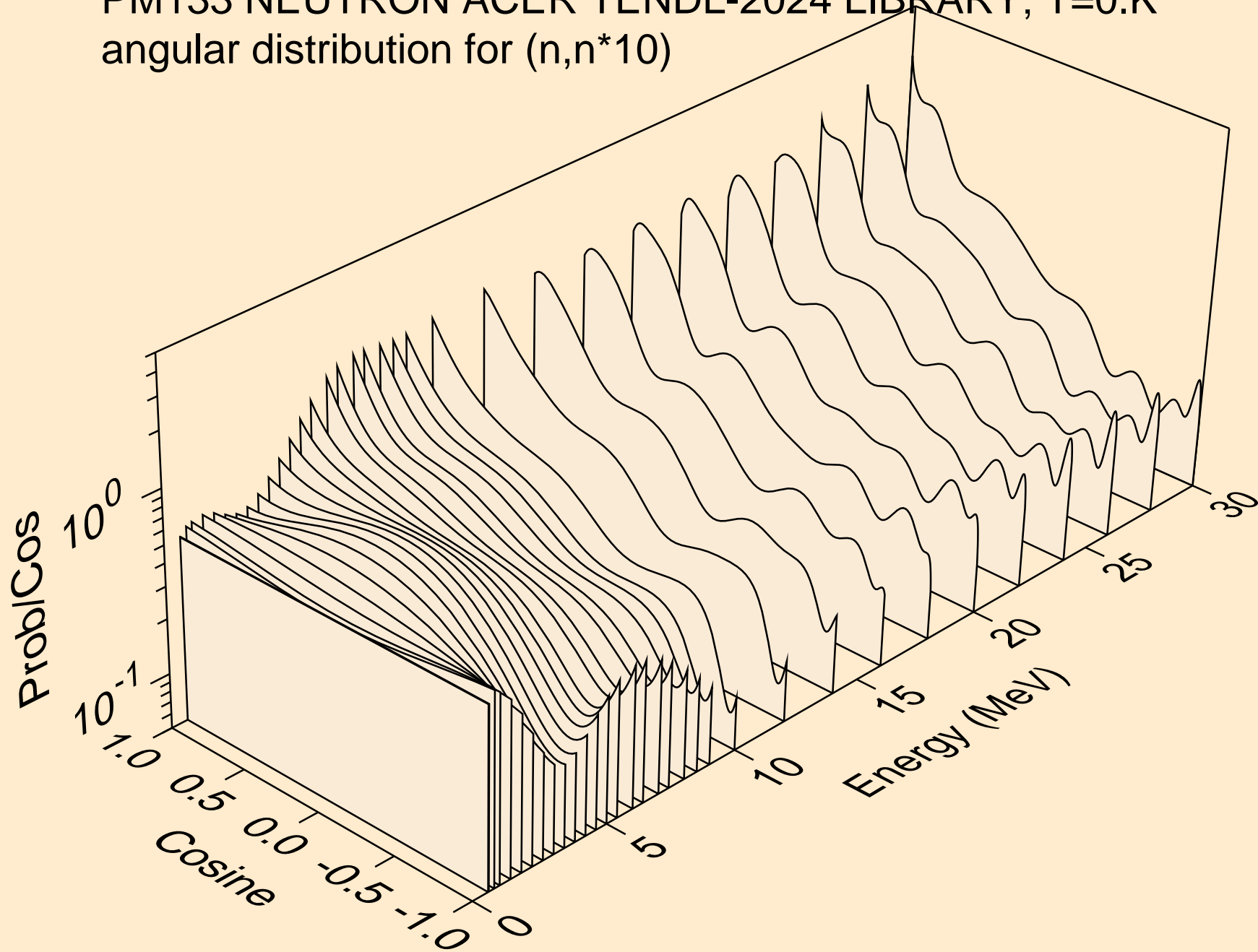
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



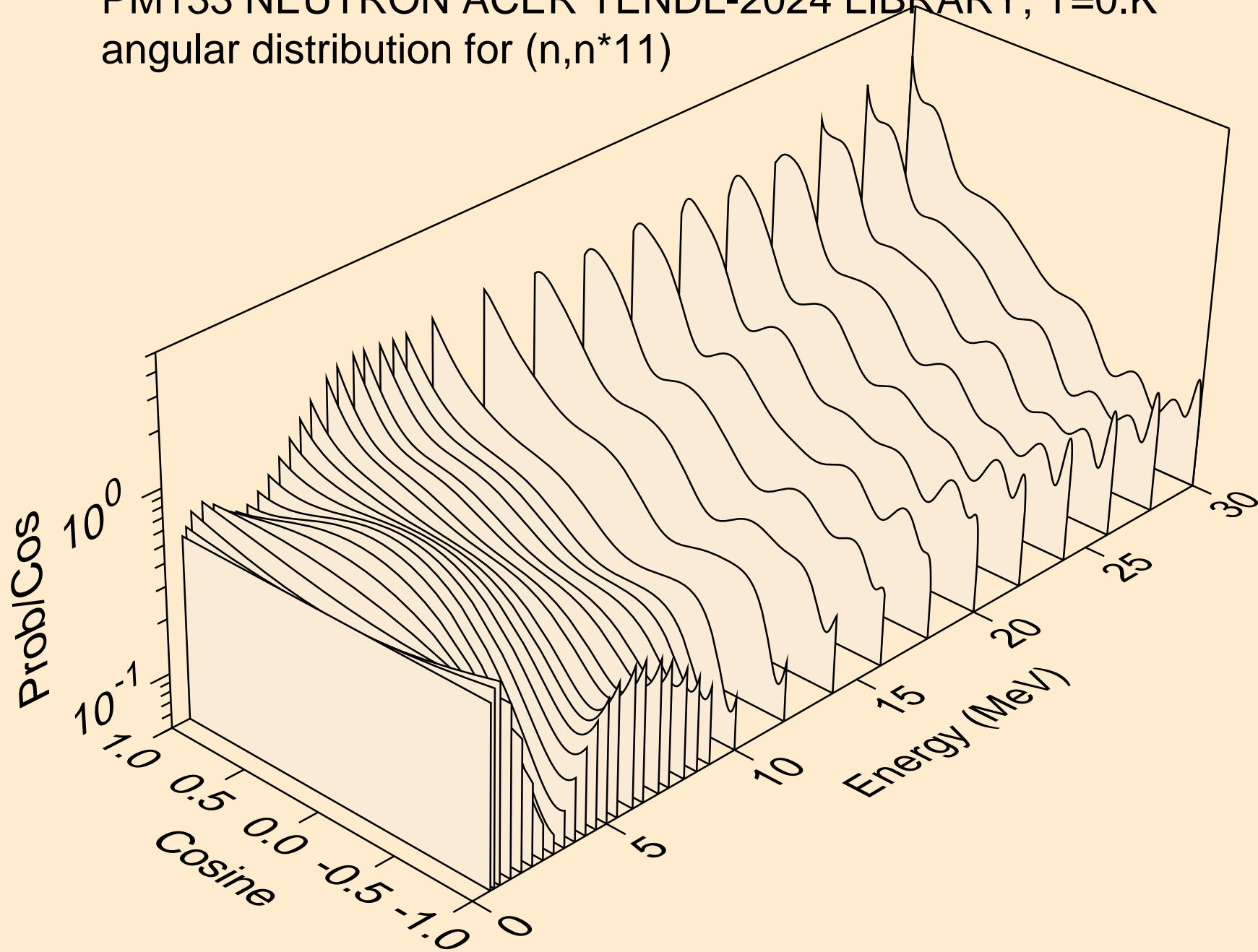
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angular distribution for (n,n\*9)



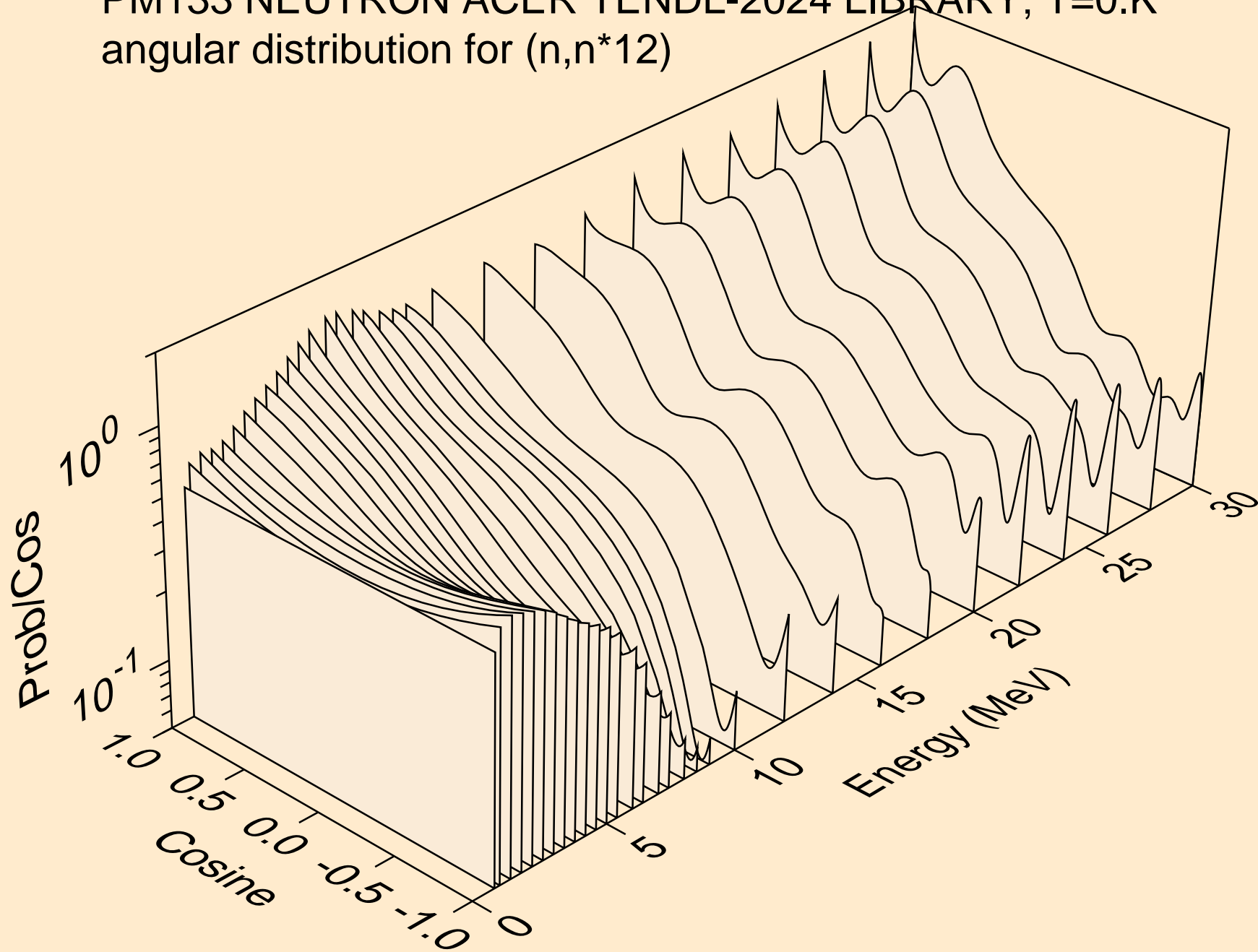
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

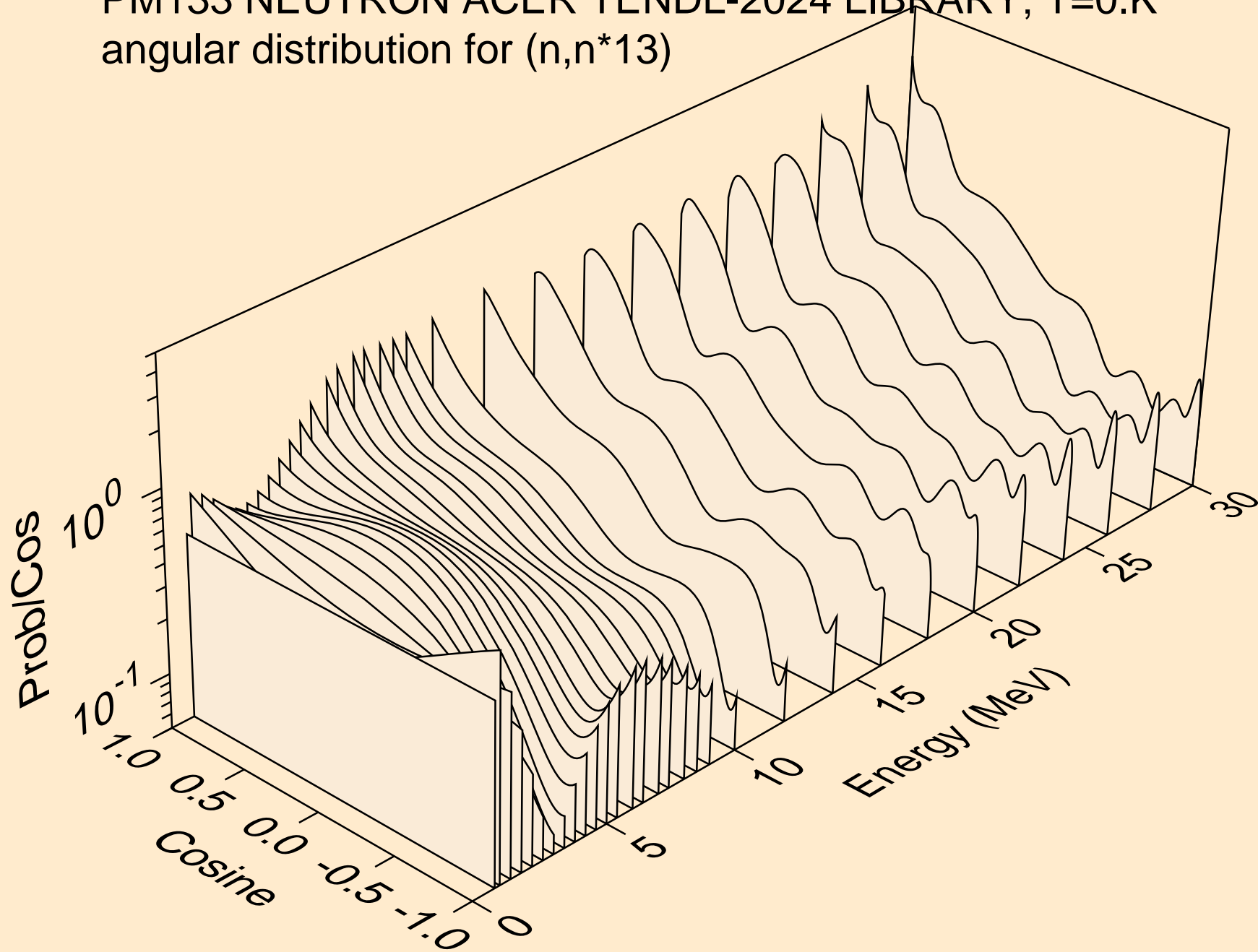


PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

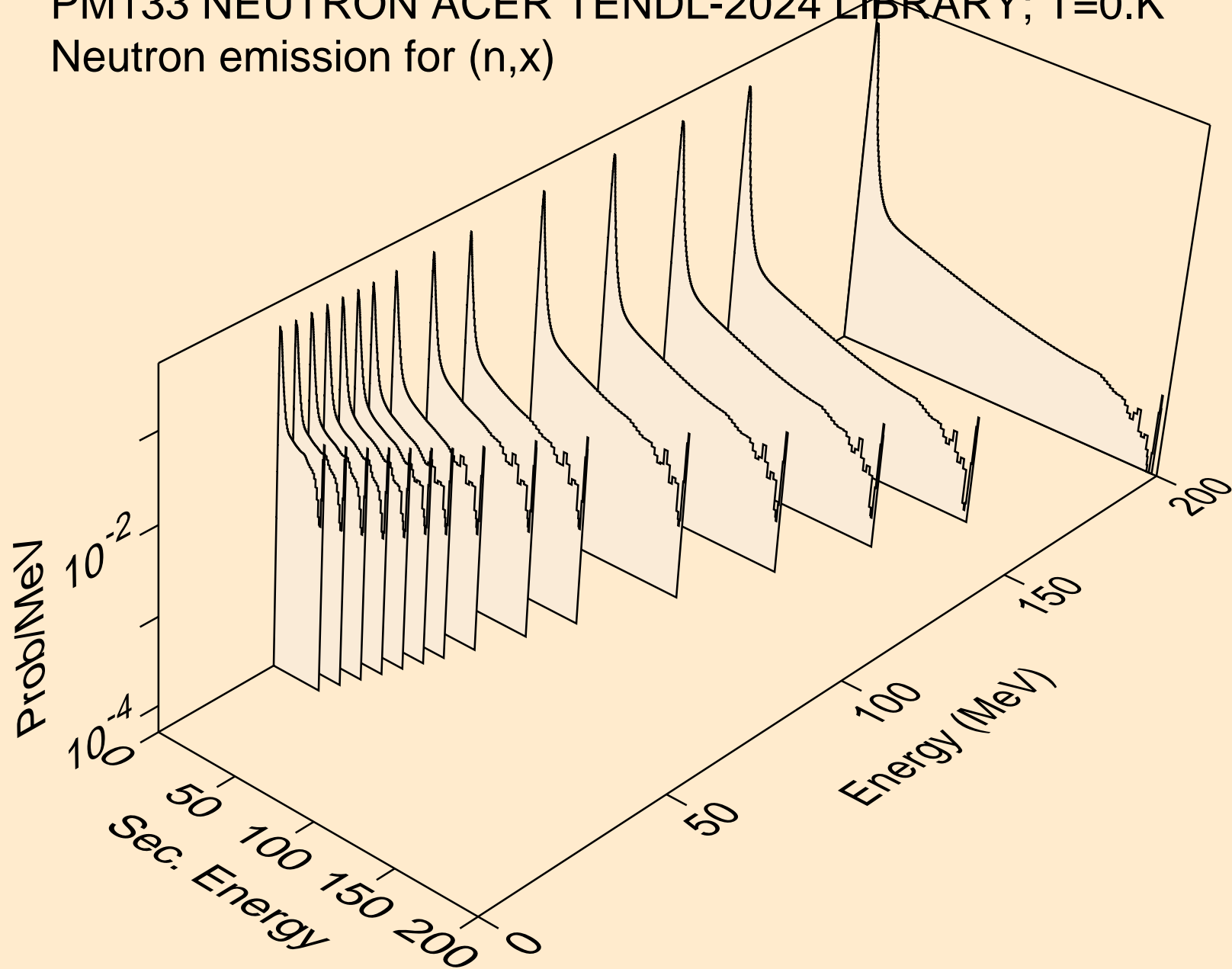




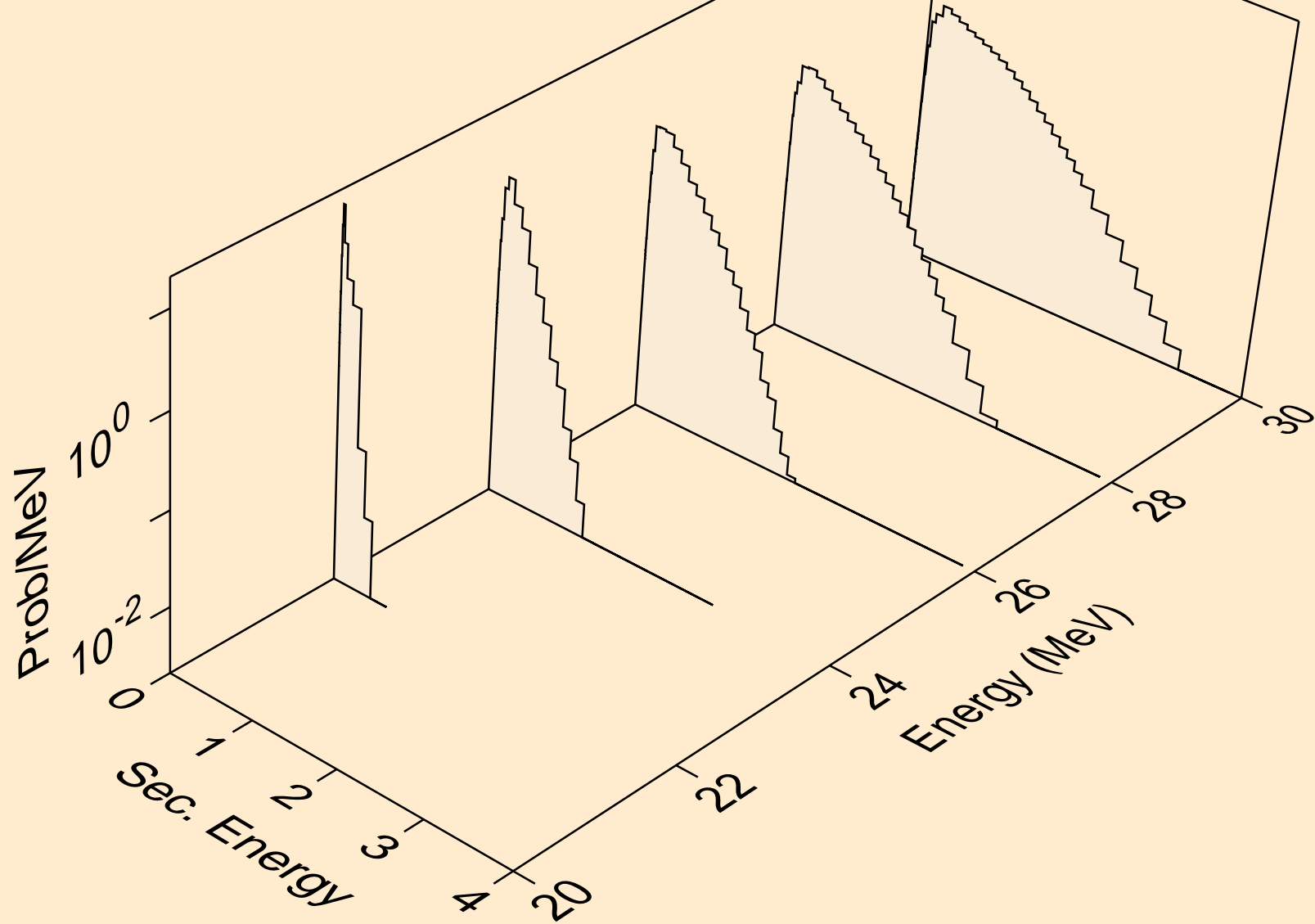
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



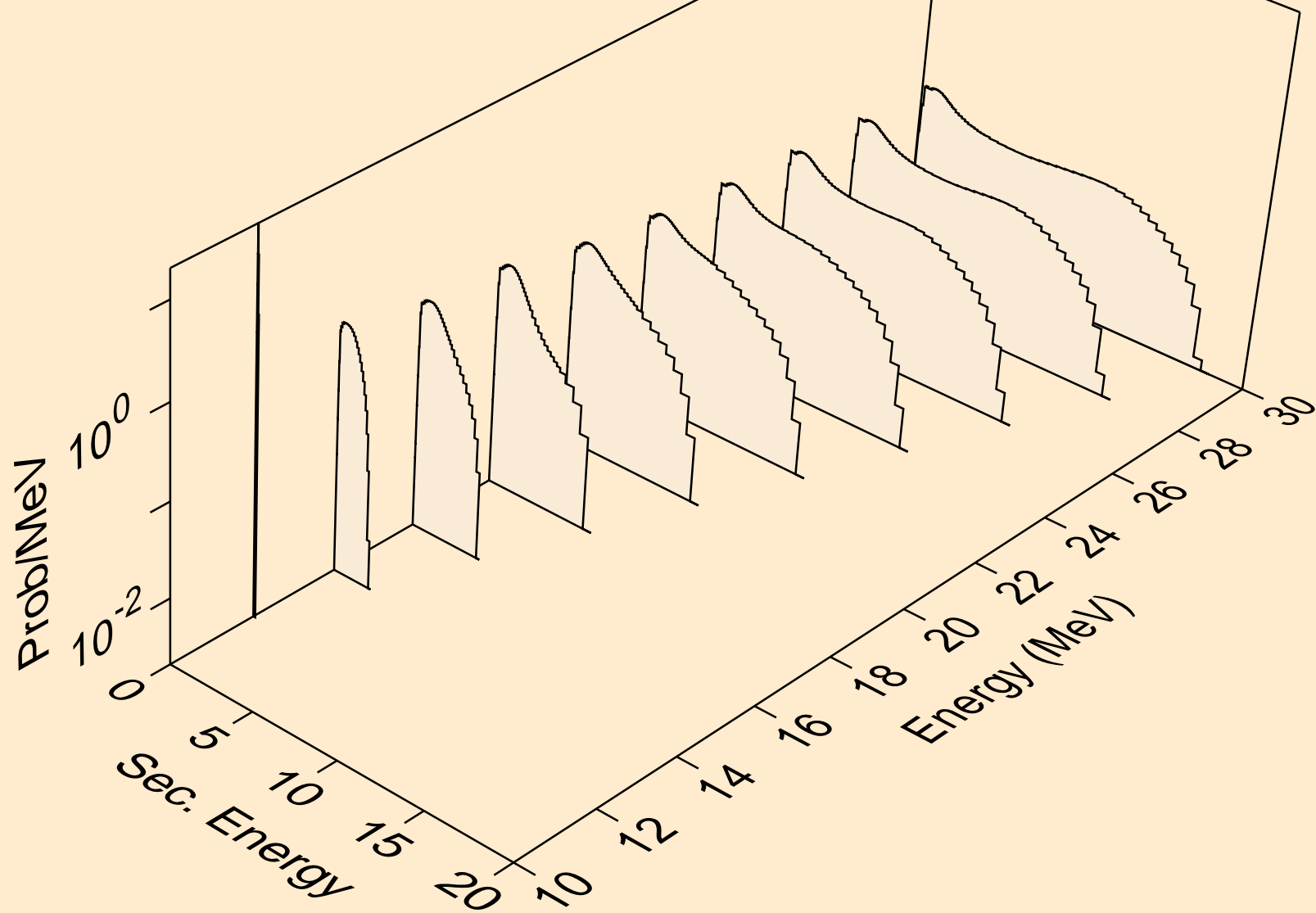
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



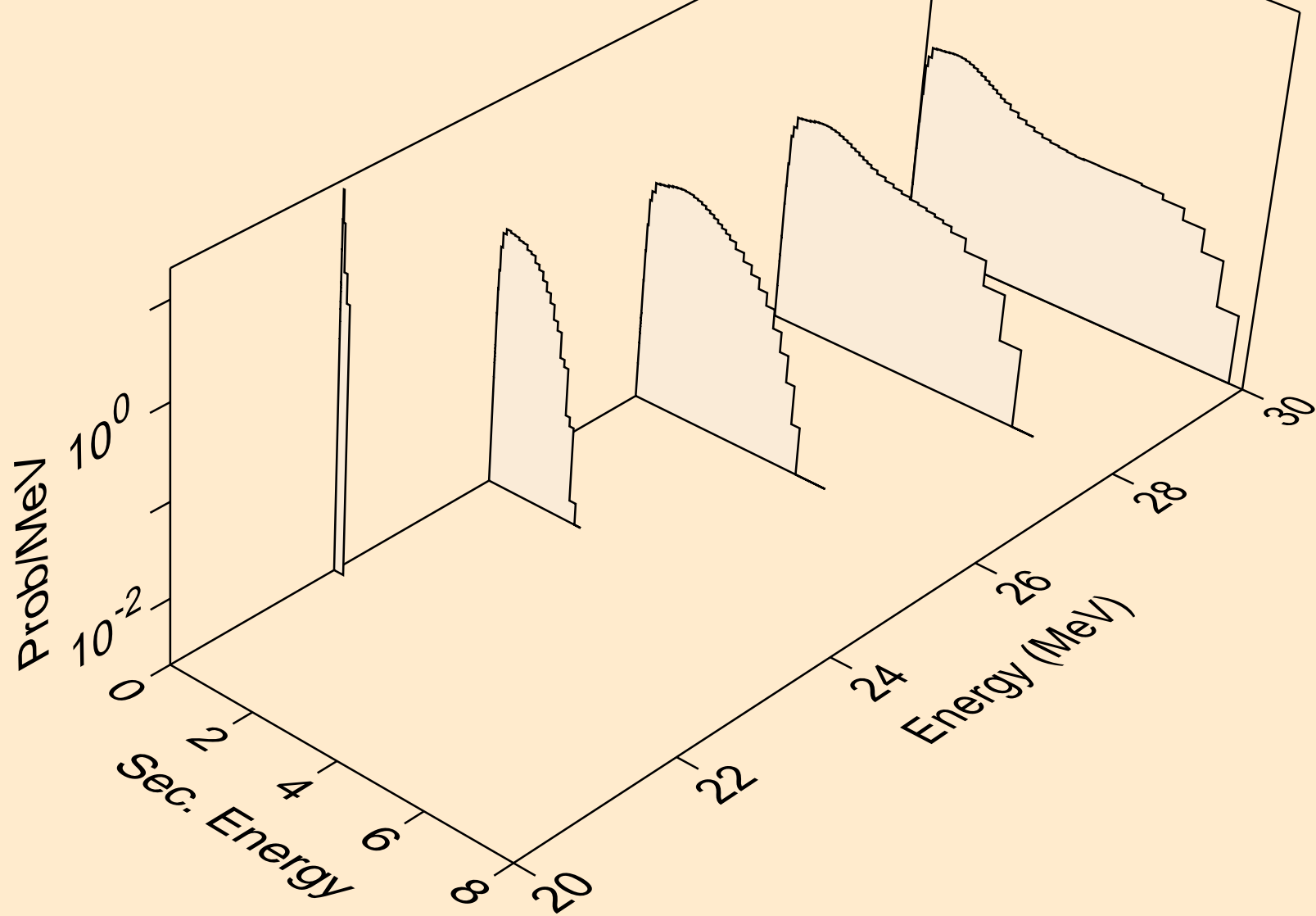
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



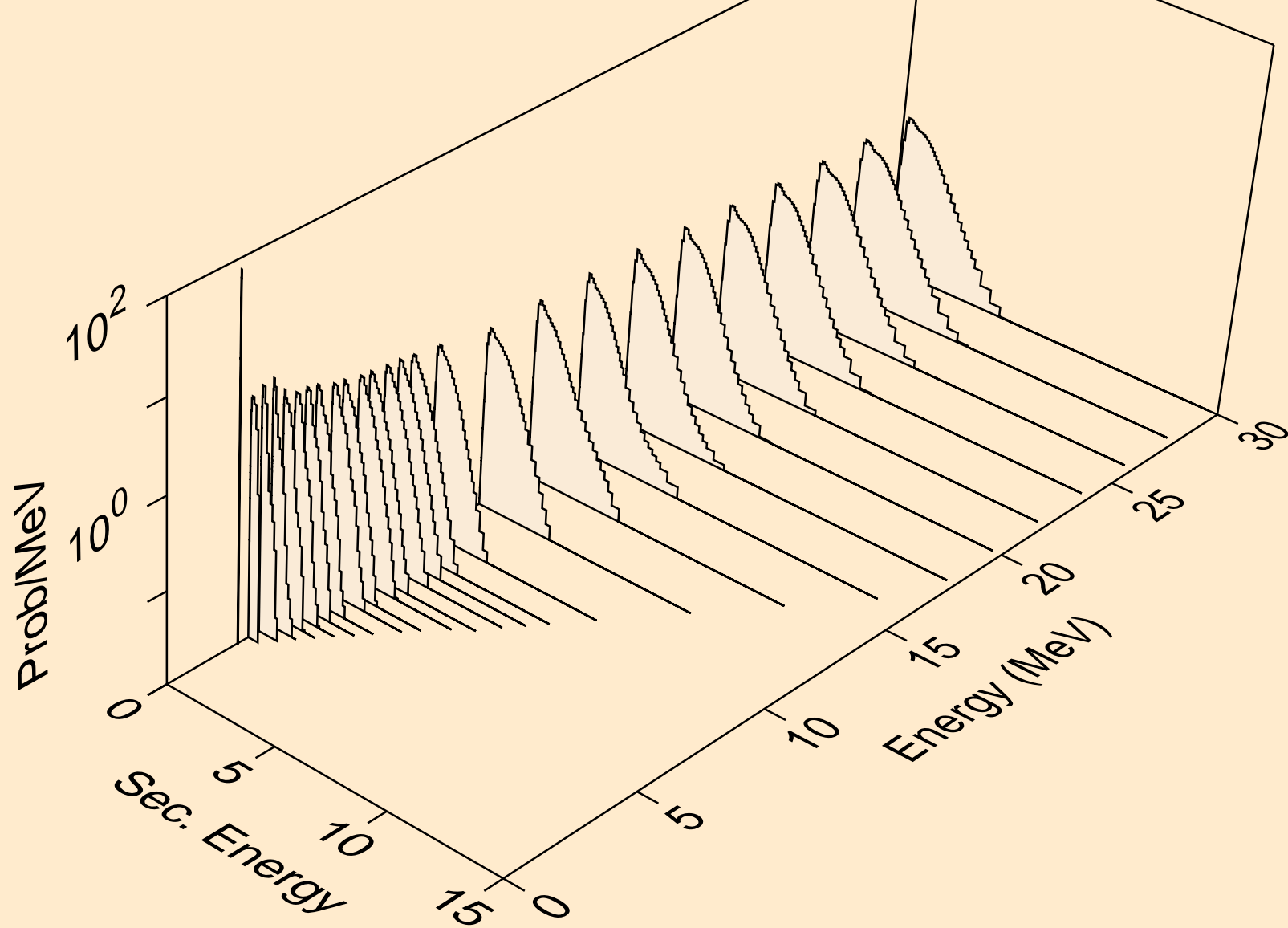
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



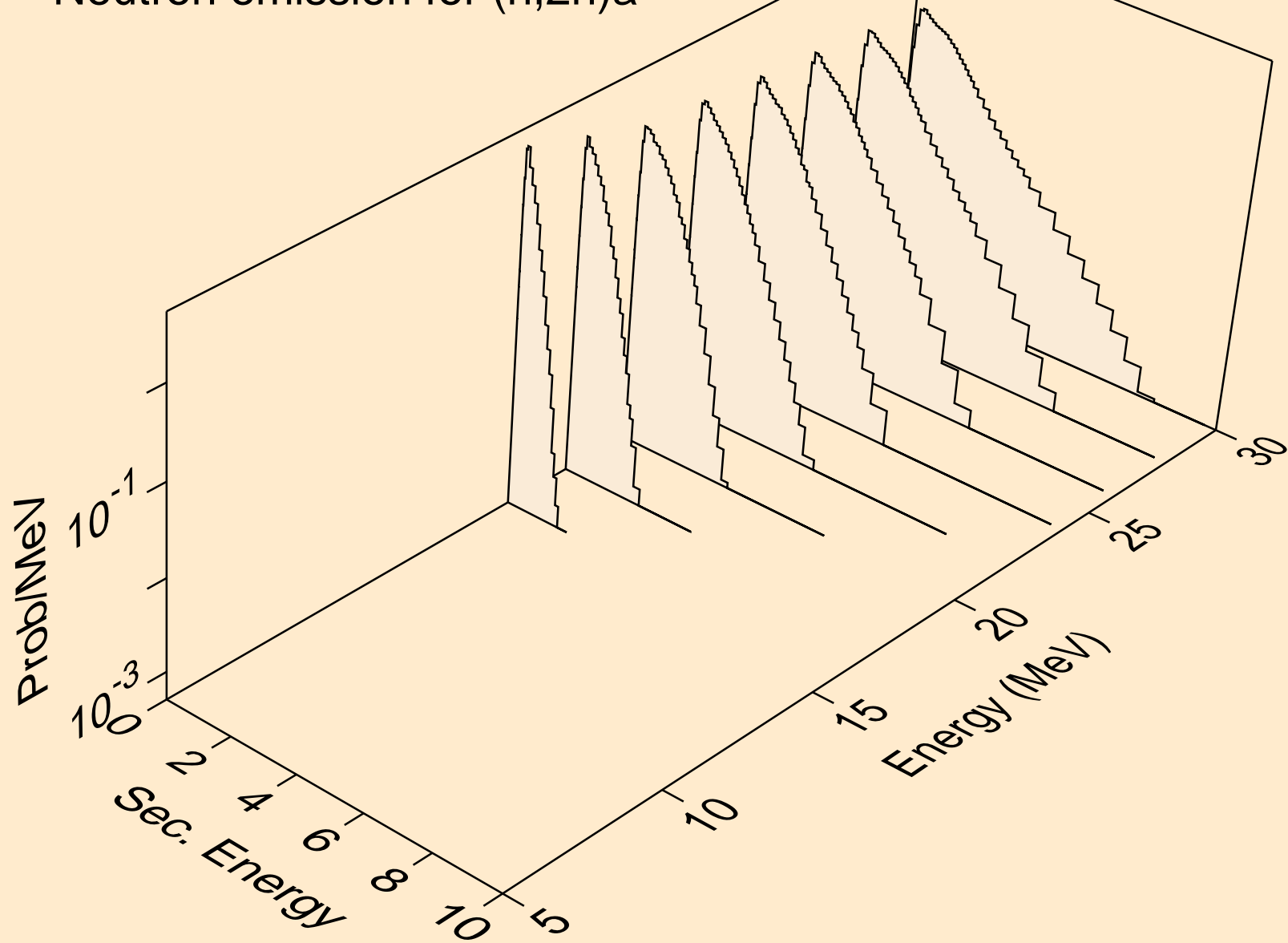
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



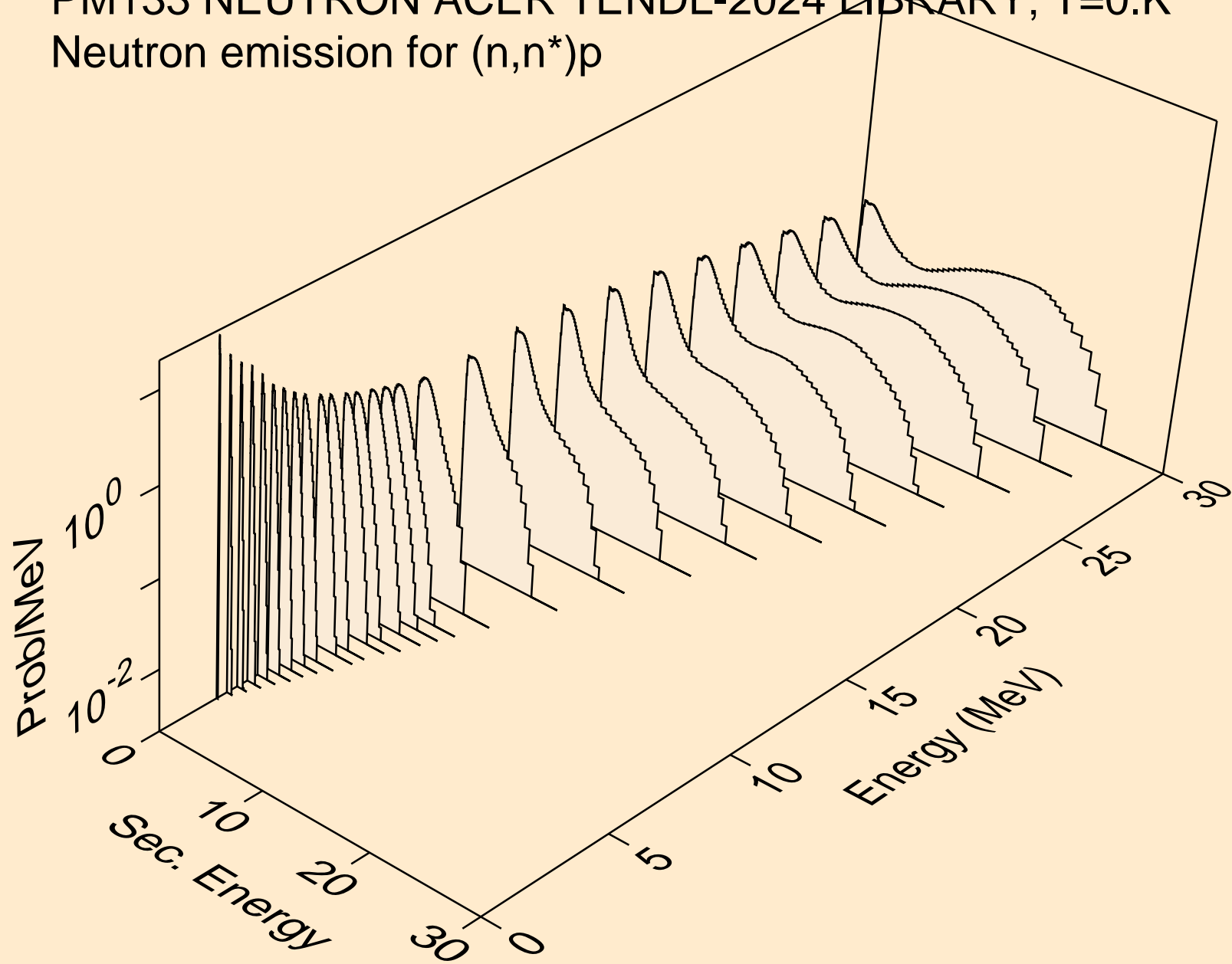
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

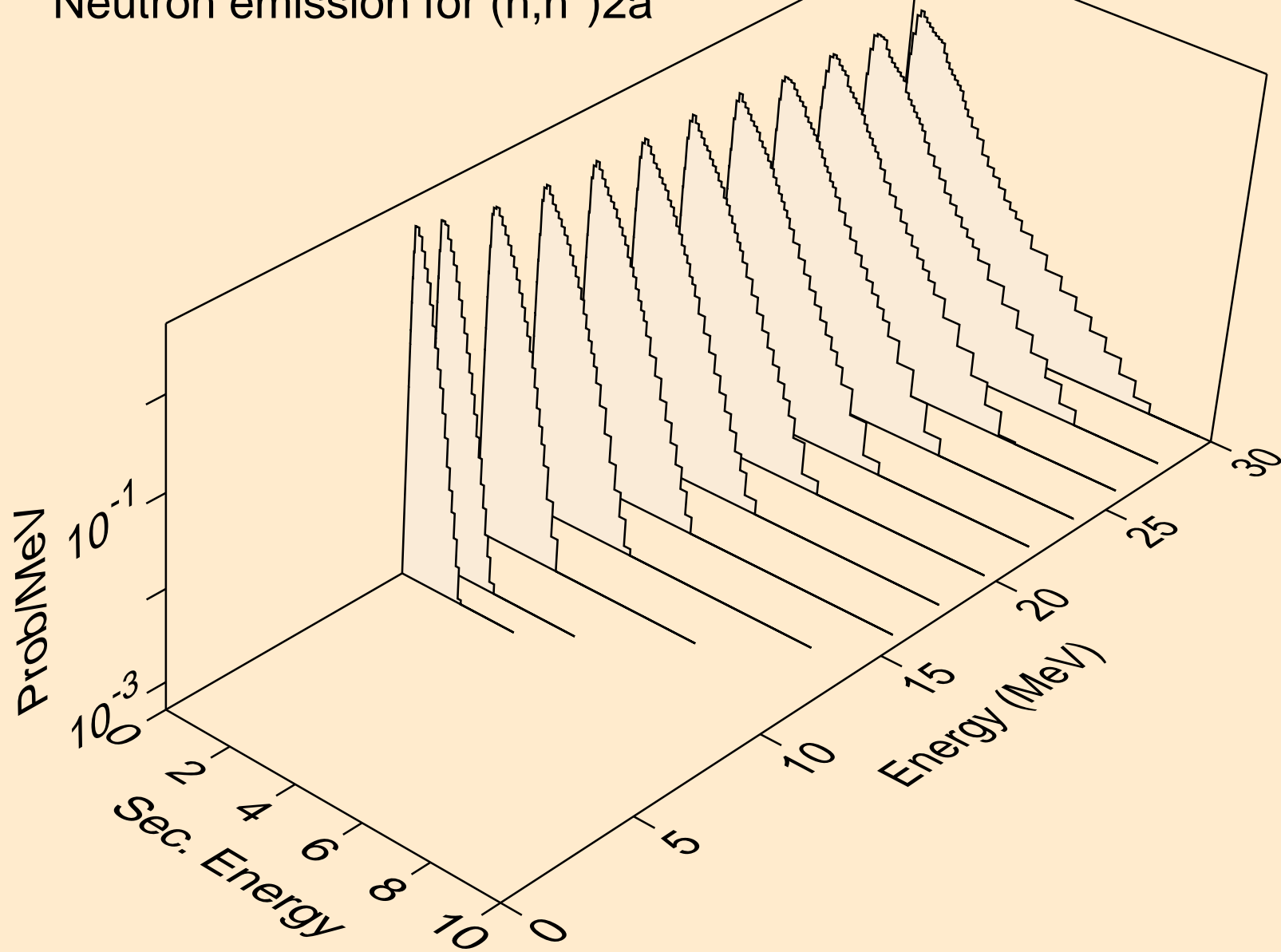


PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

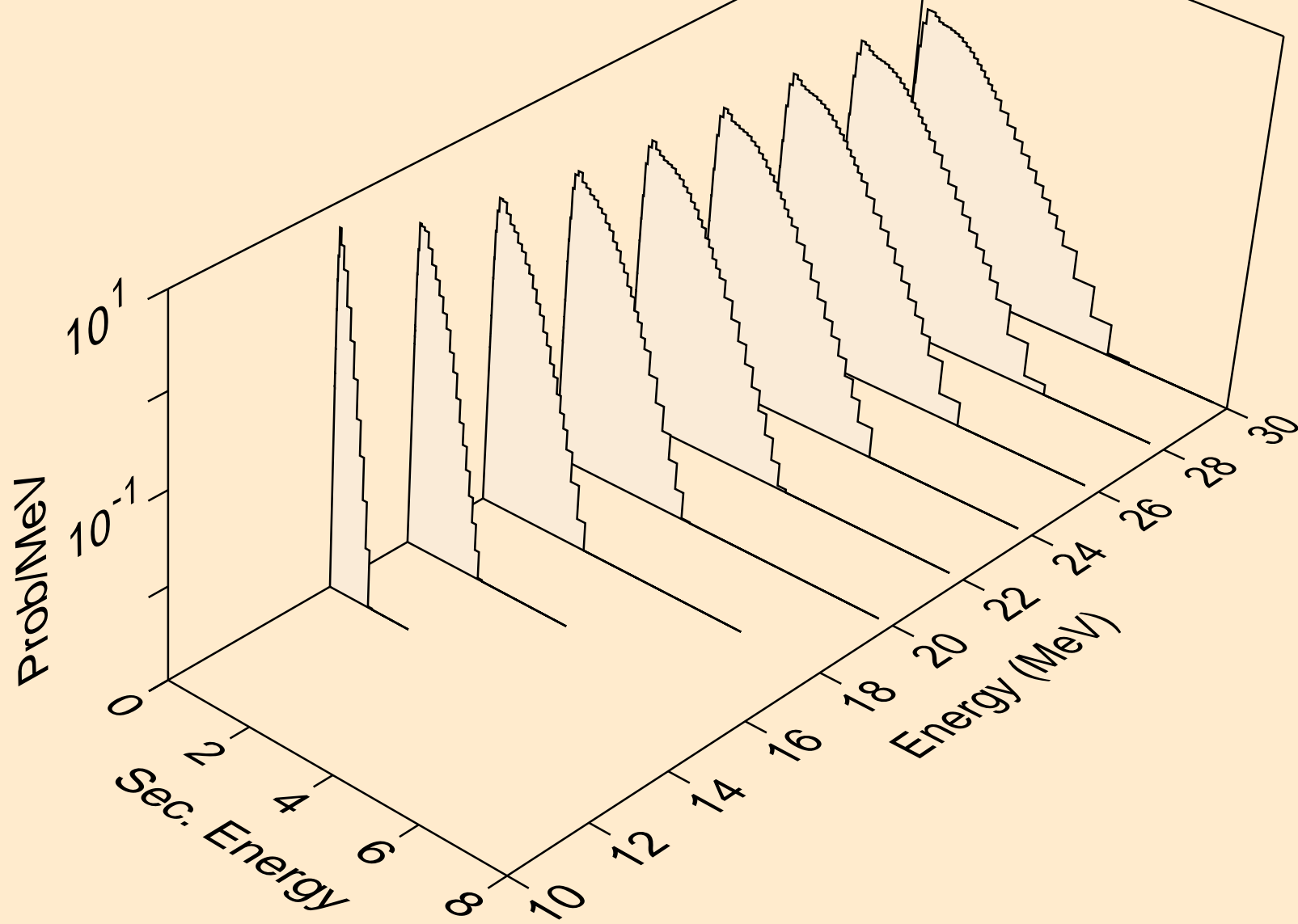




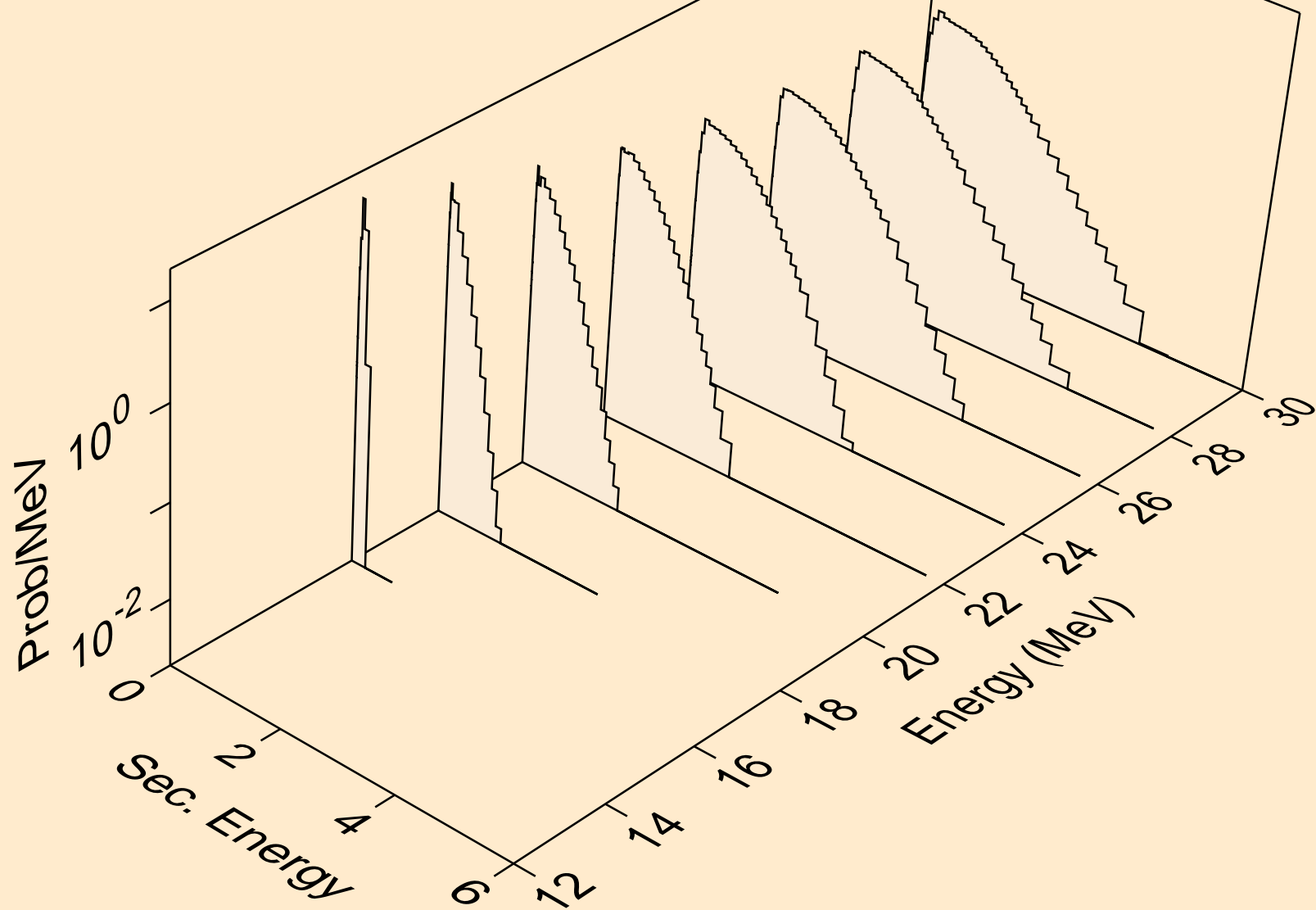
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



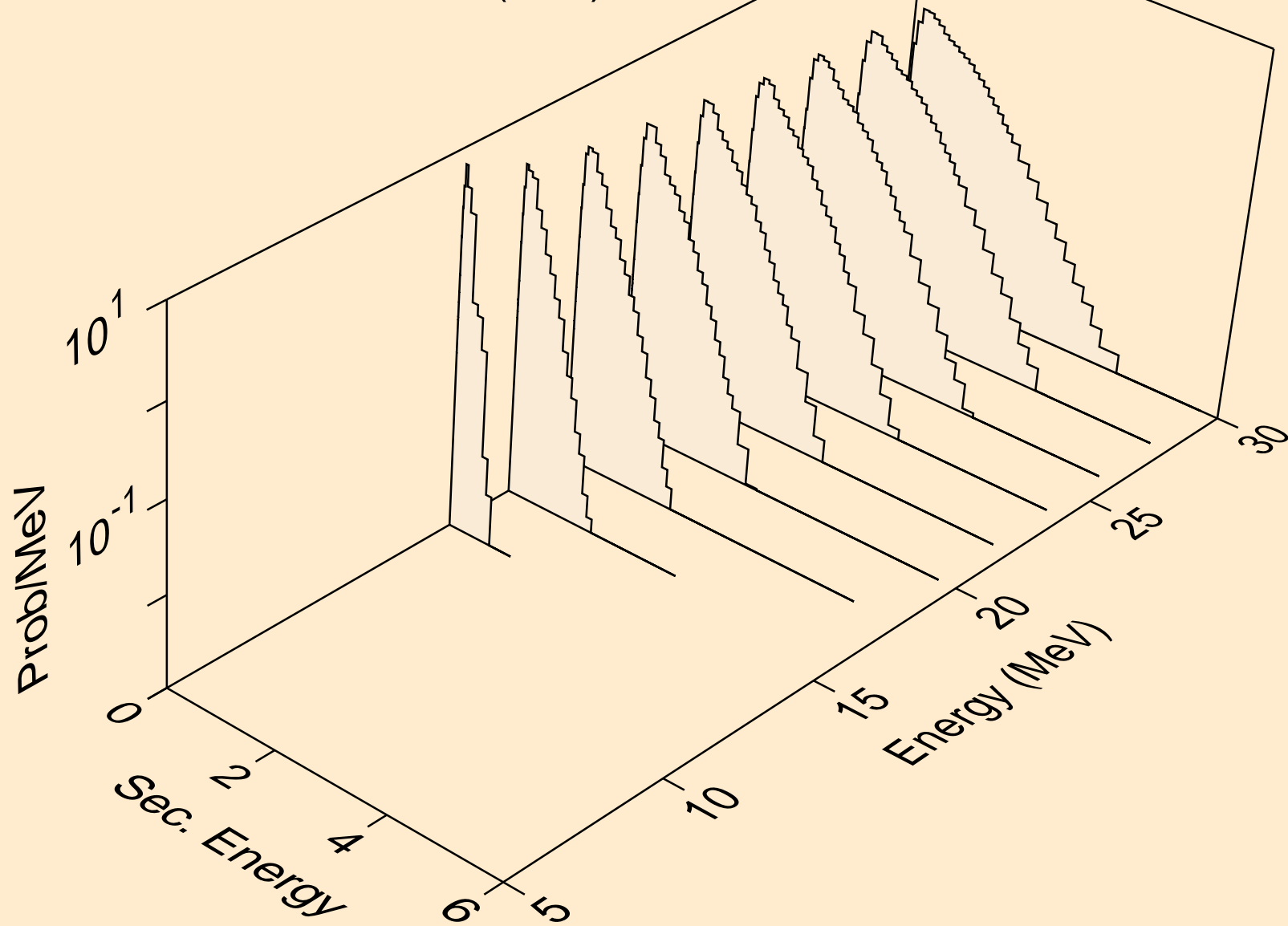
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



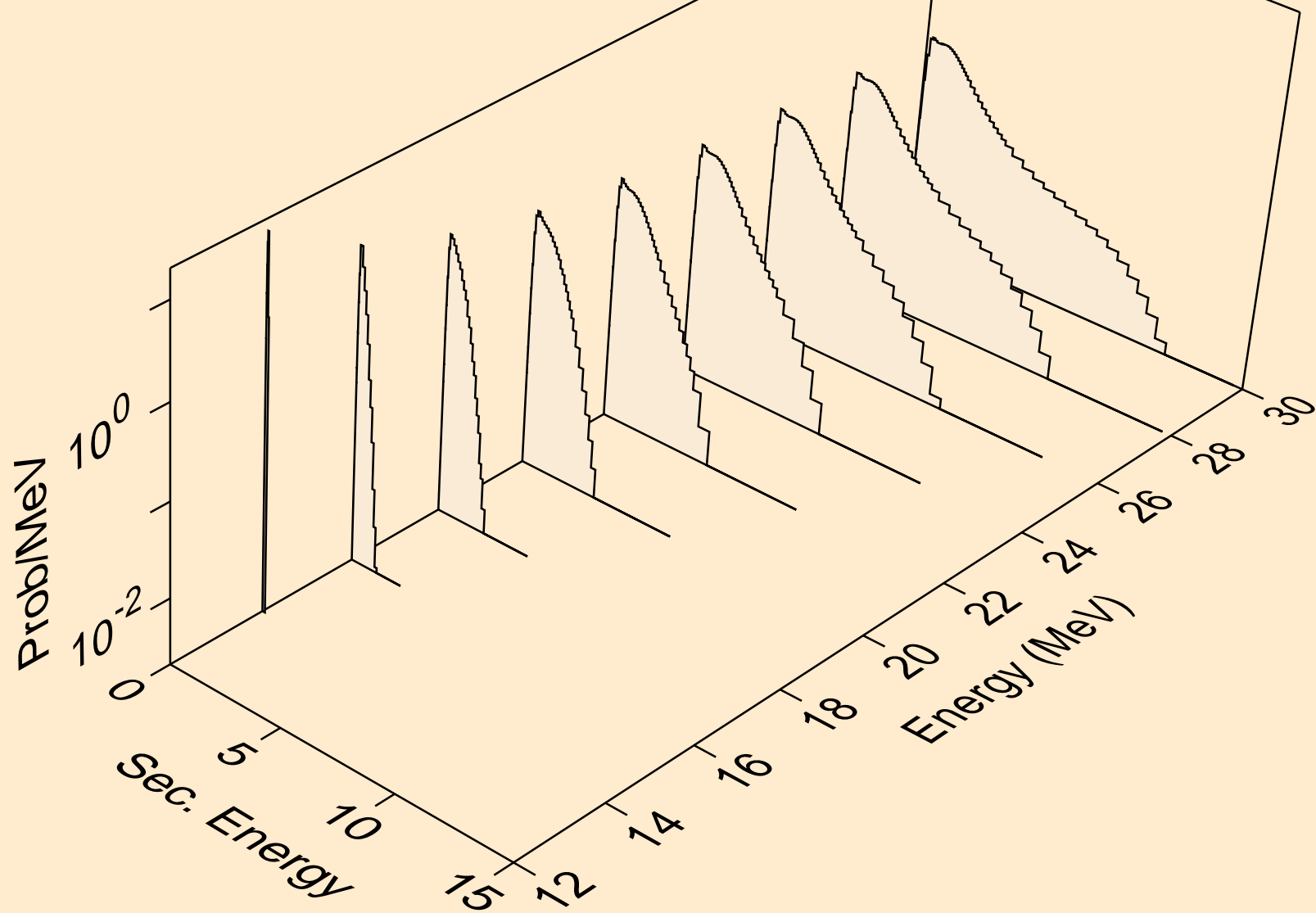
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



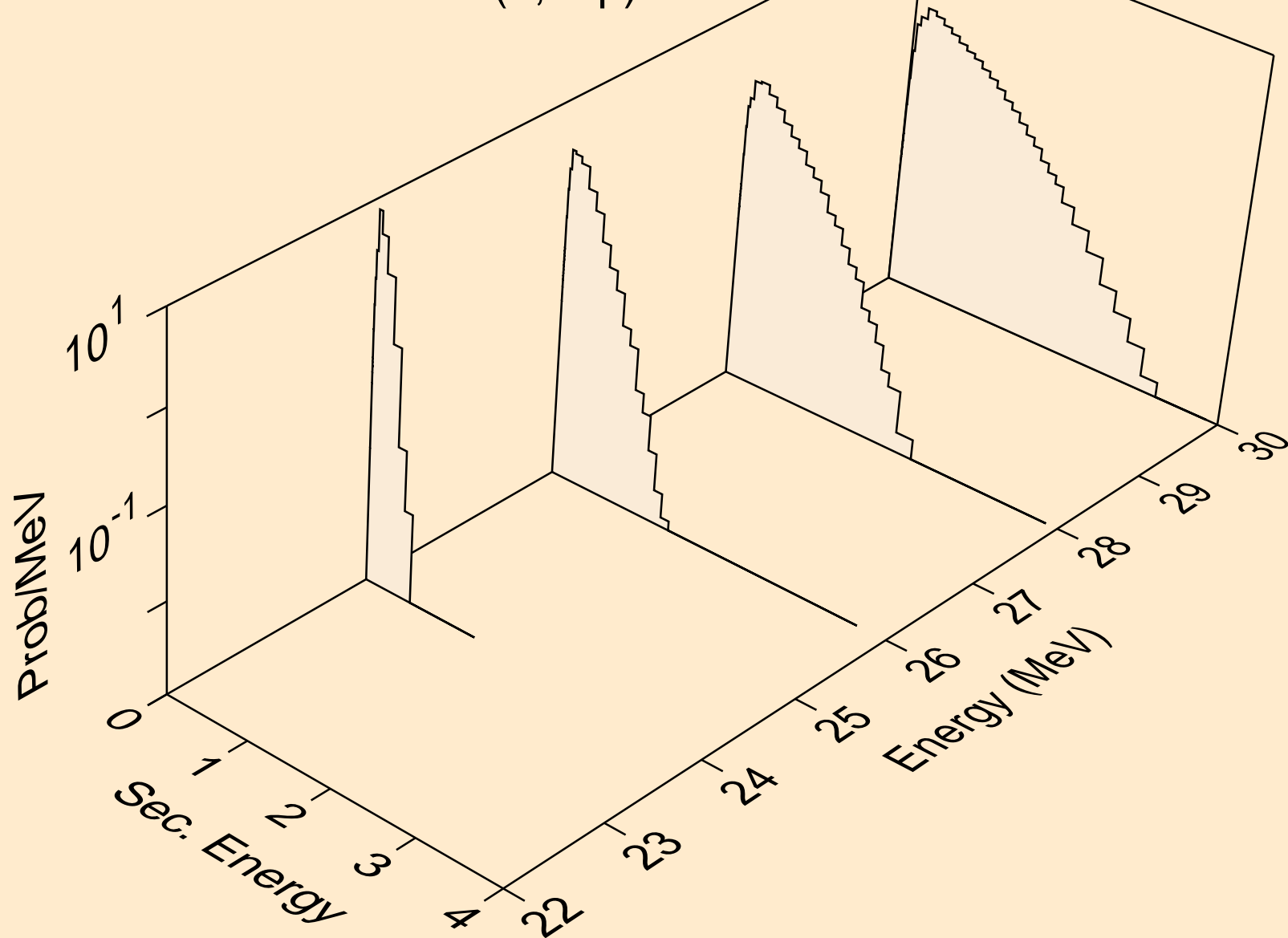
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



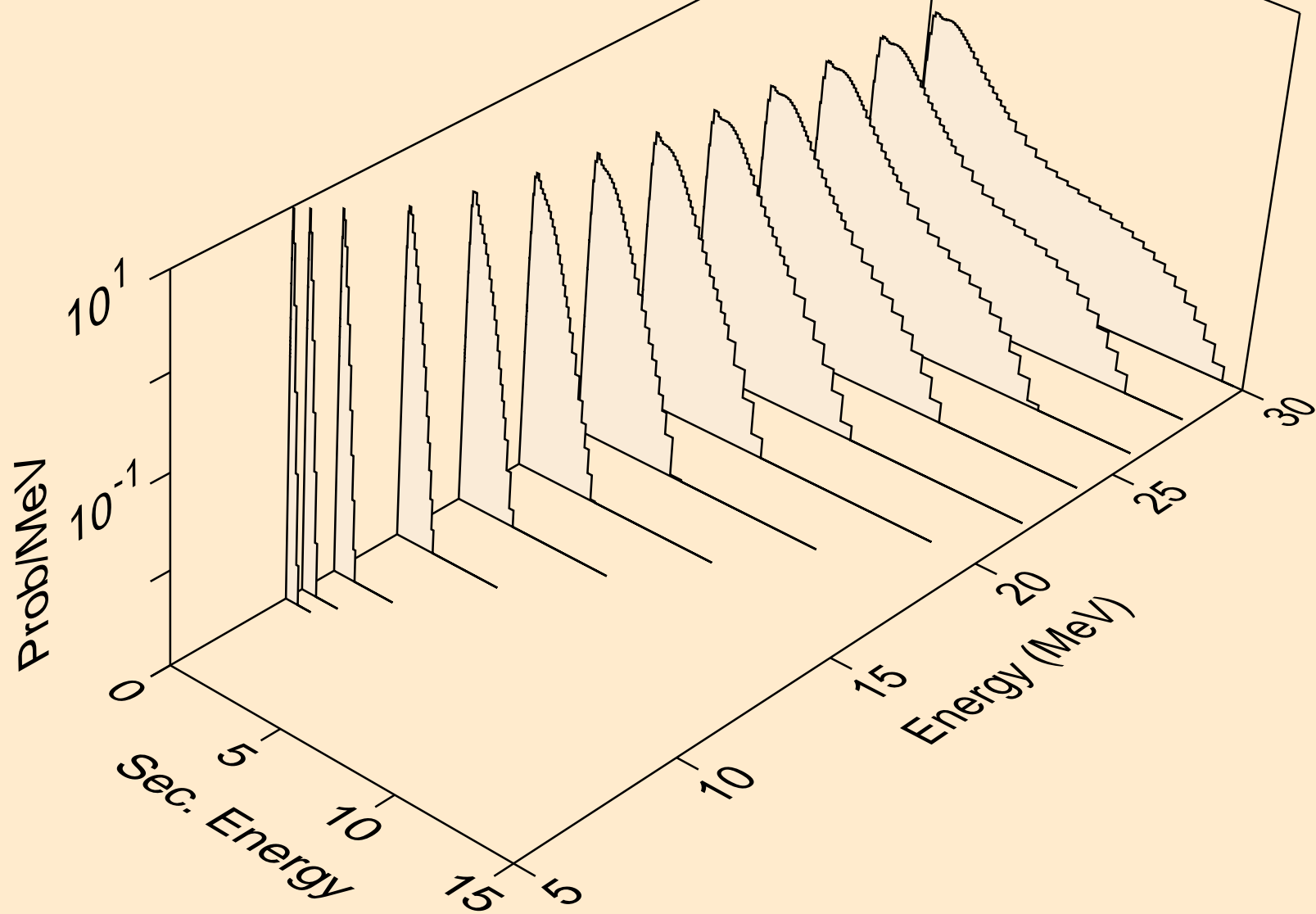
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



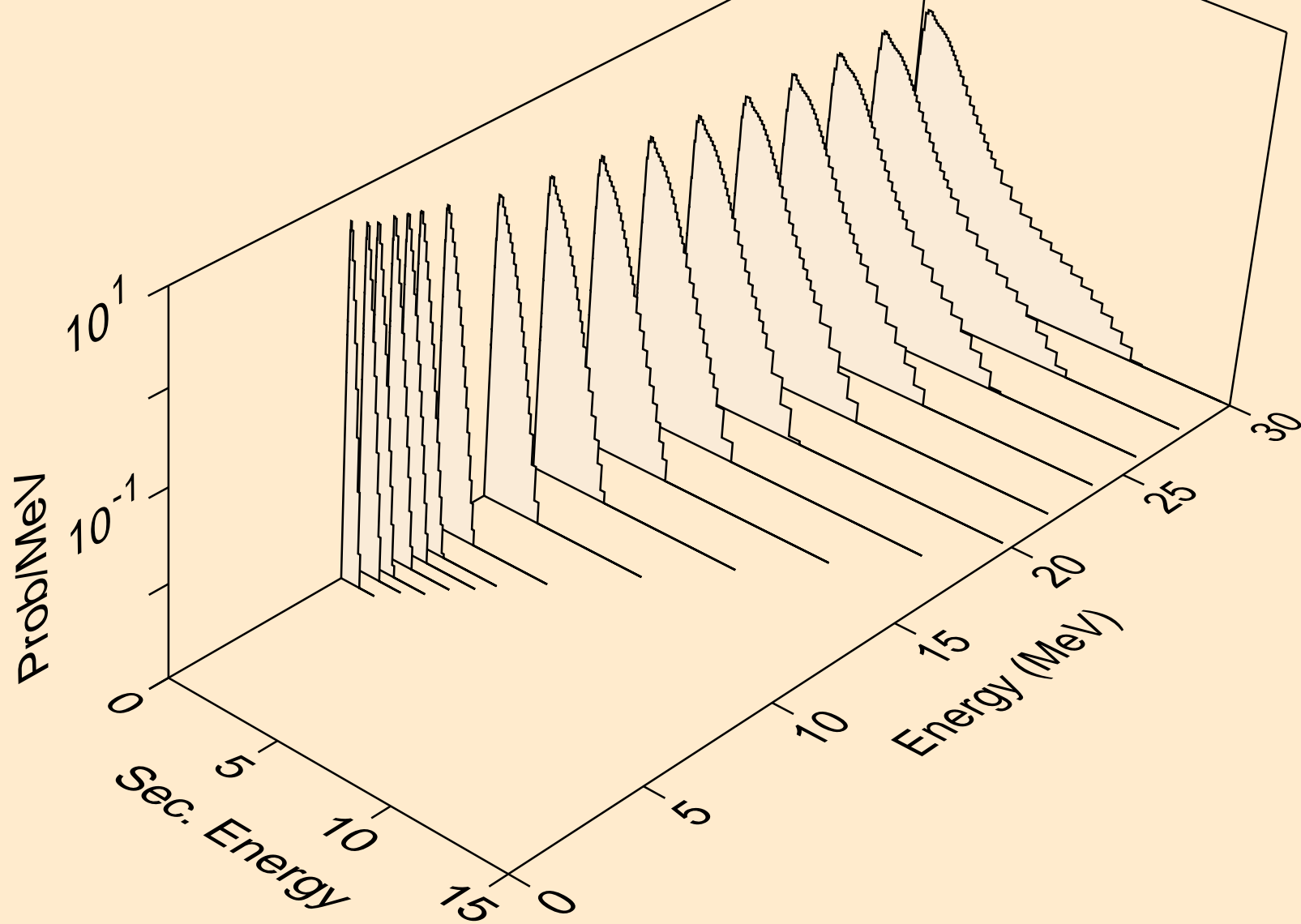
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

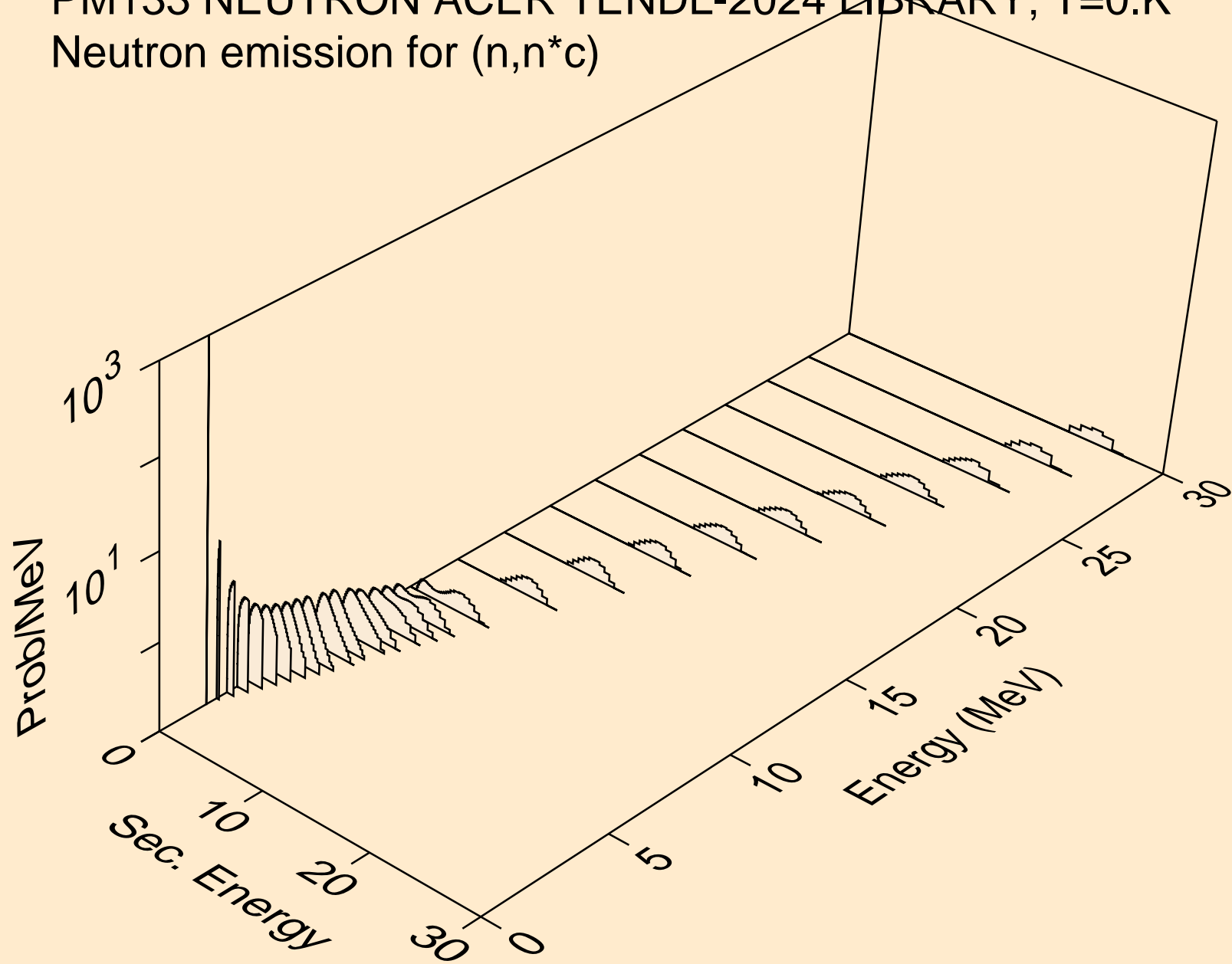


PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

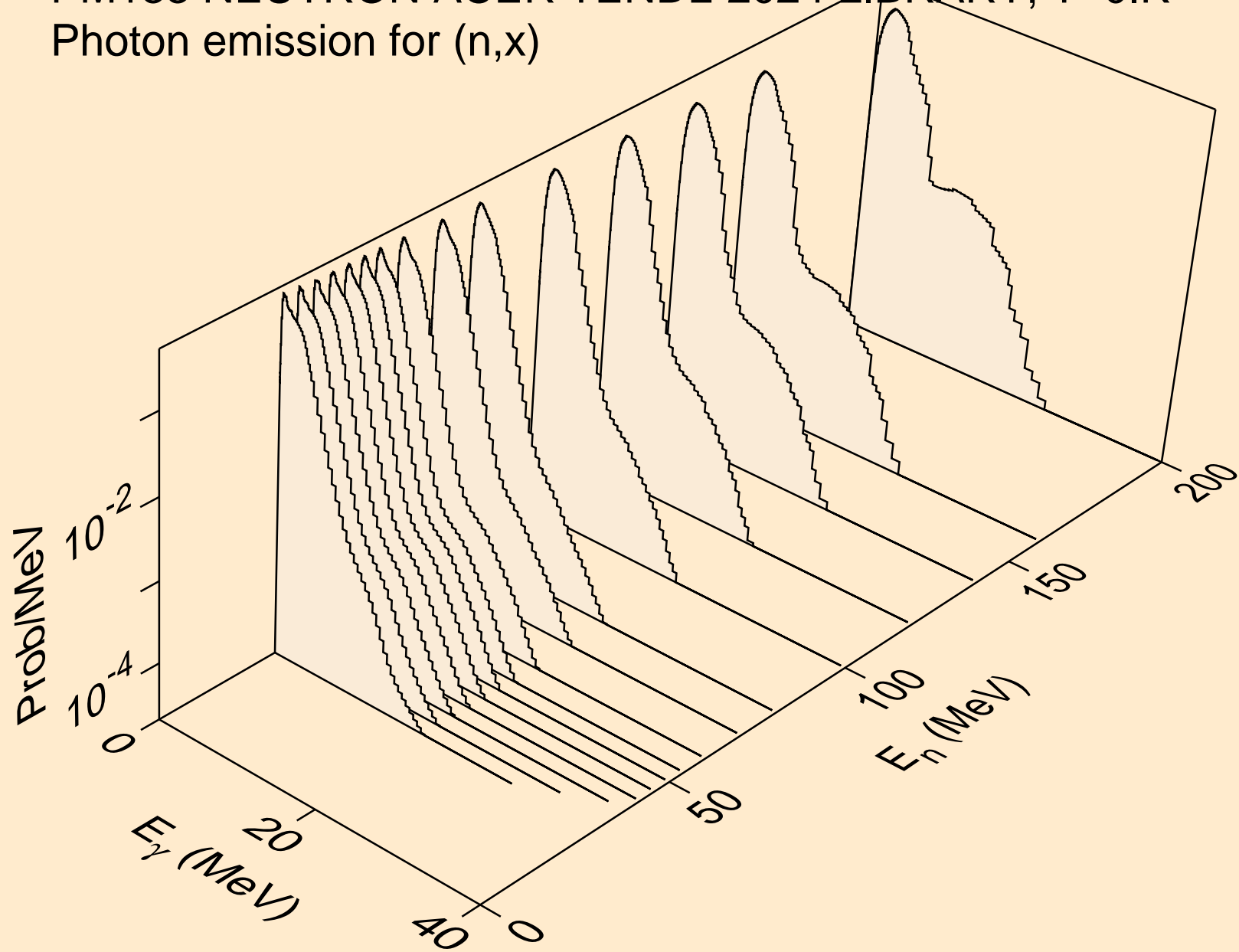




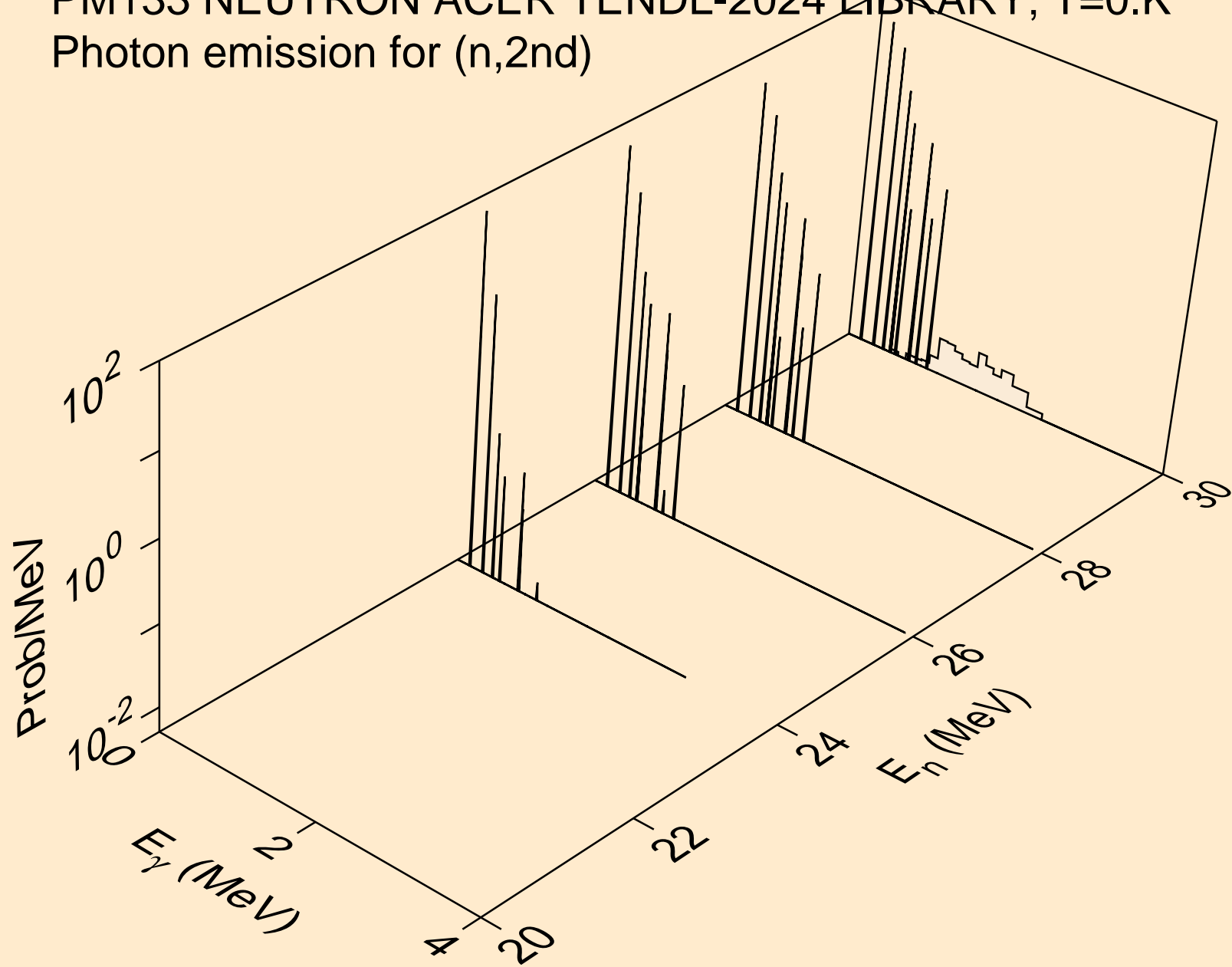
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



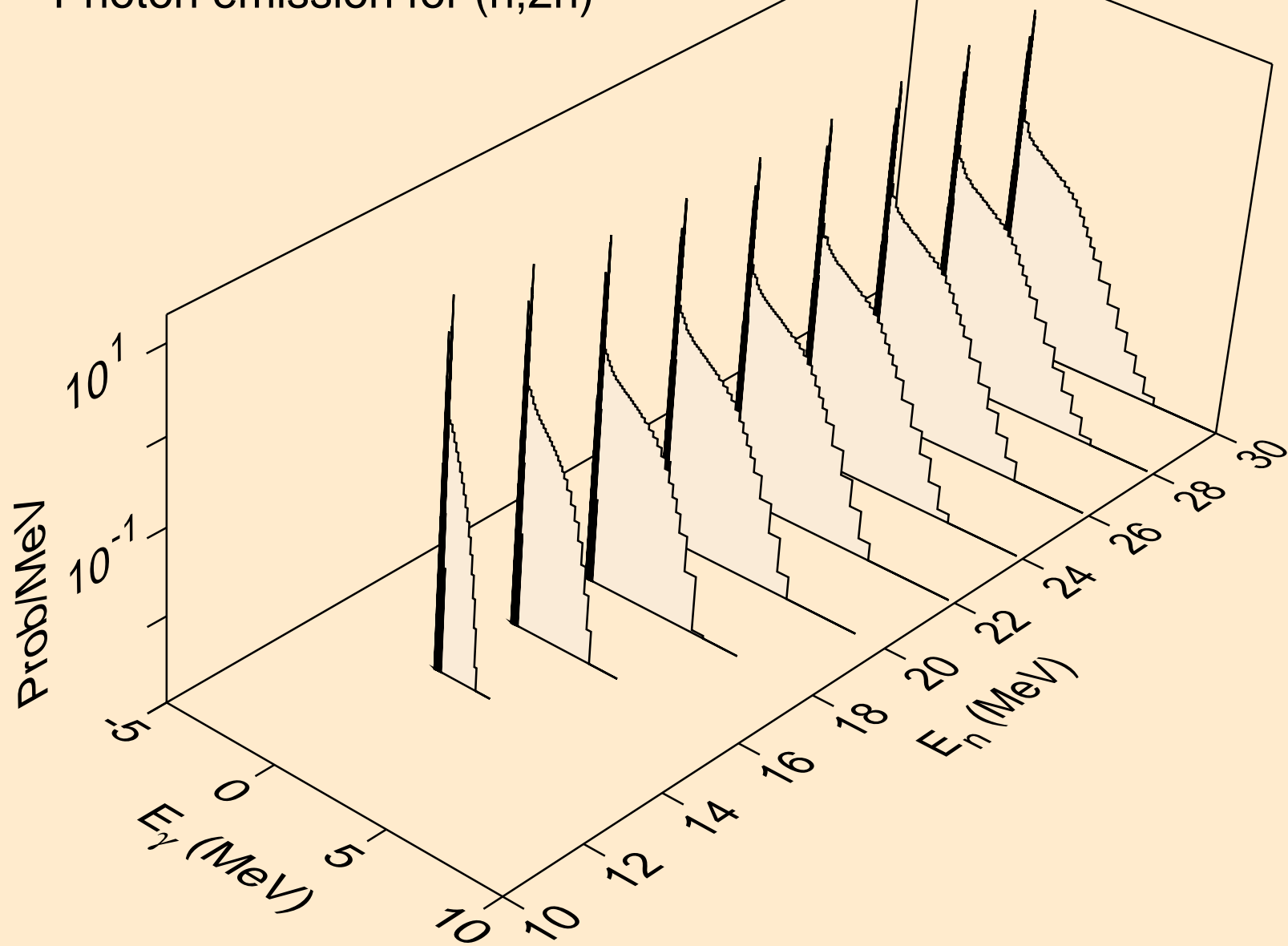
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



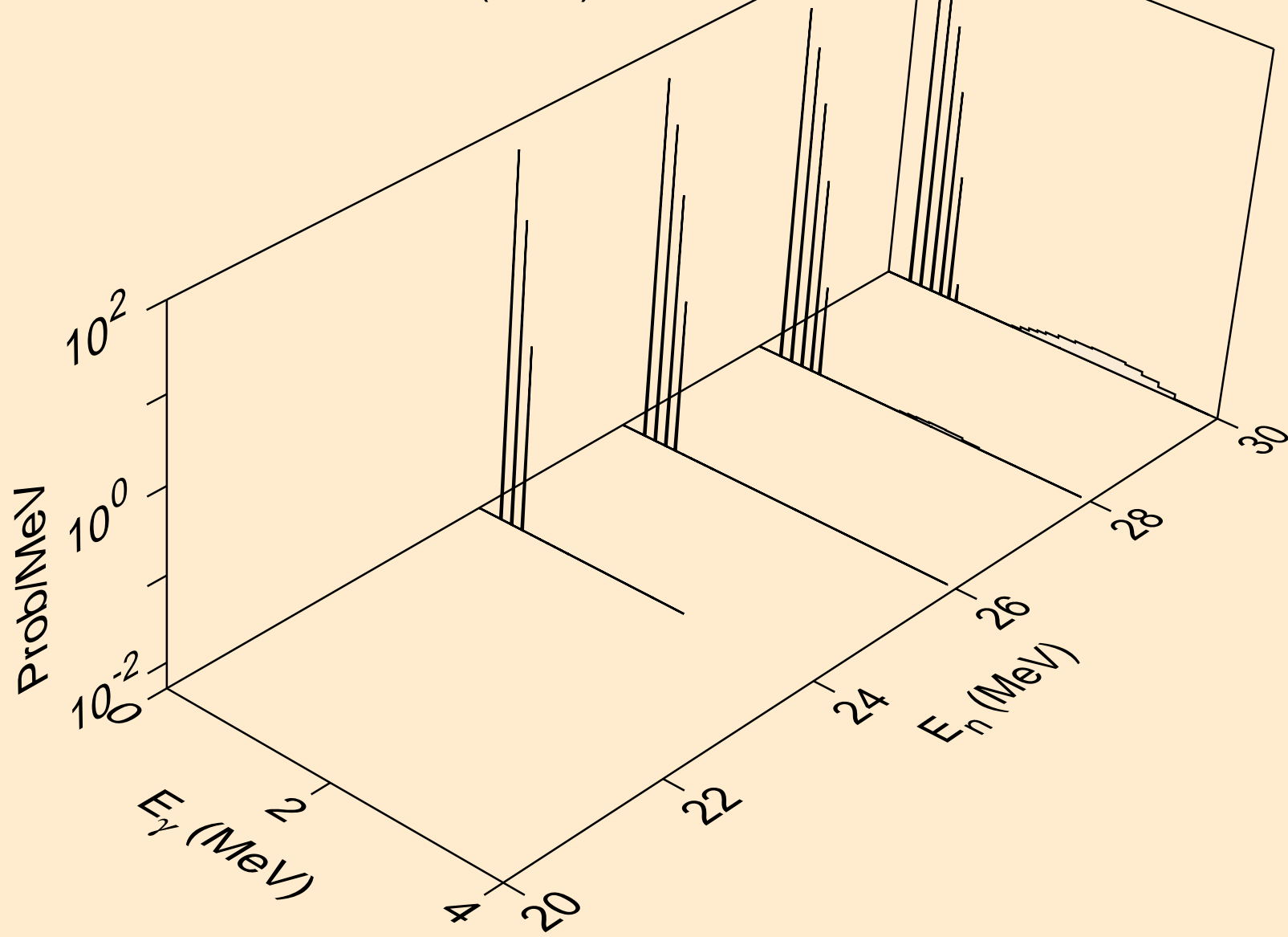
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



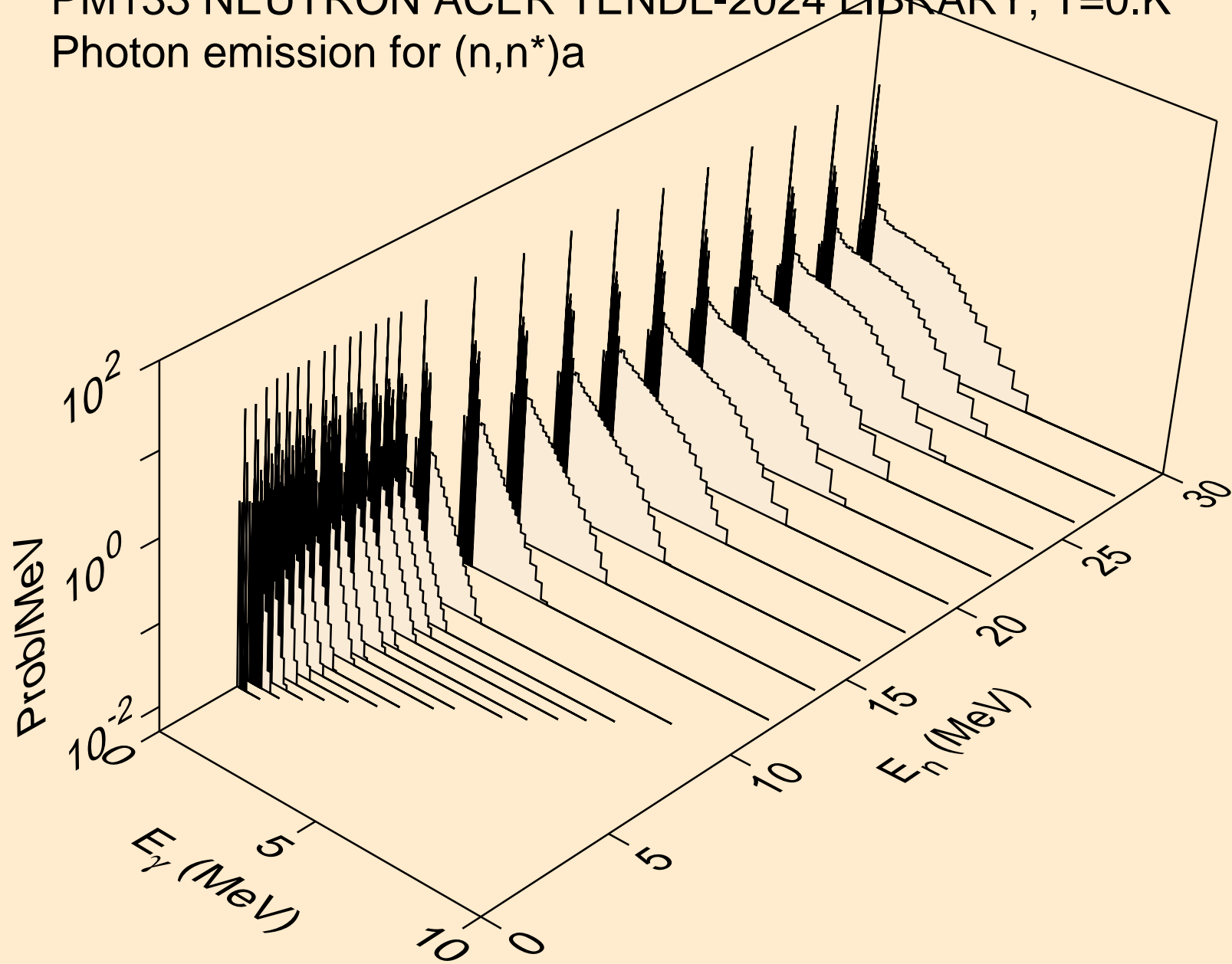
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



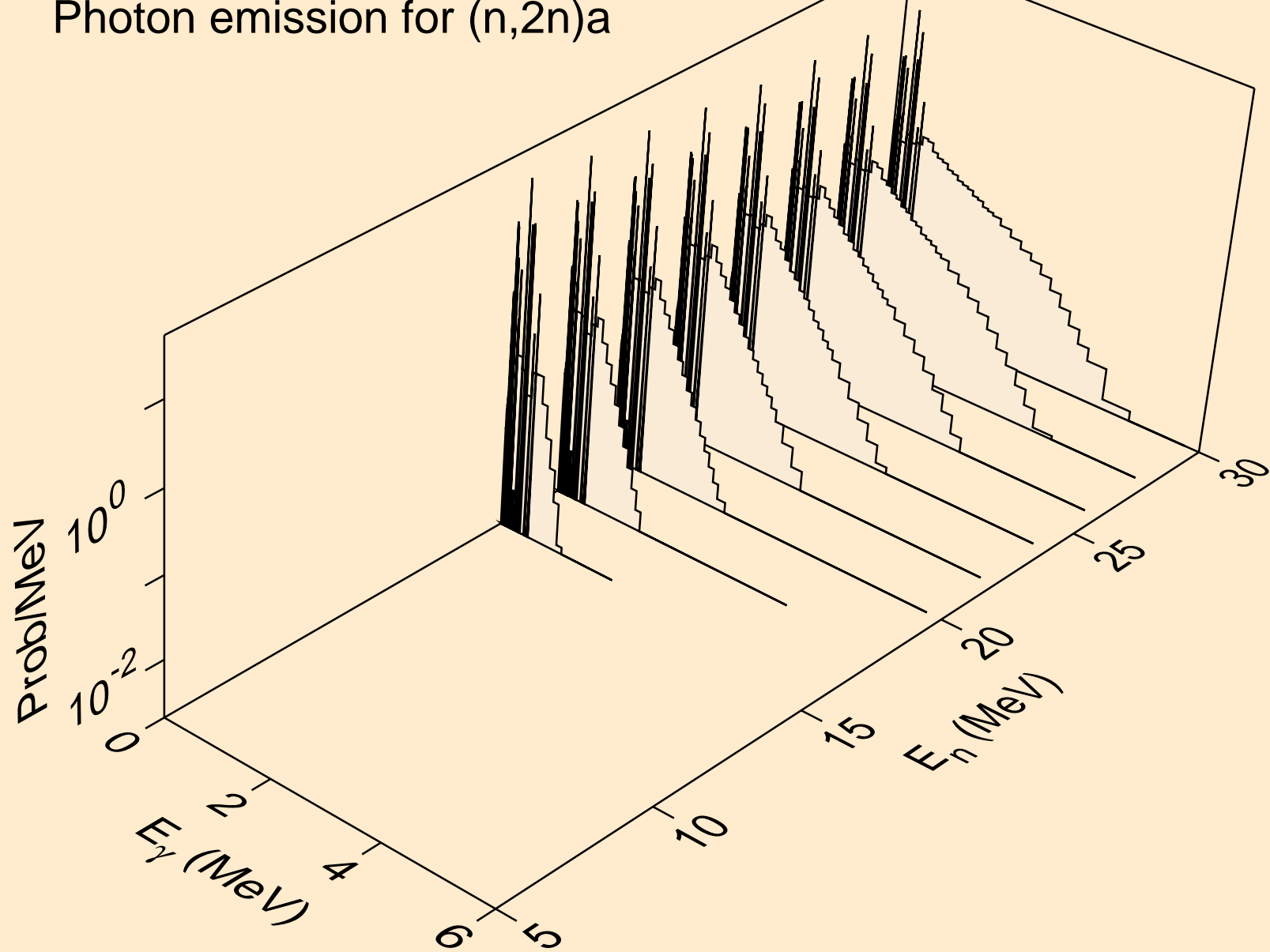
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



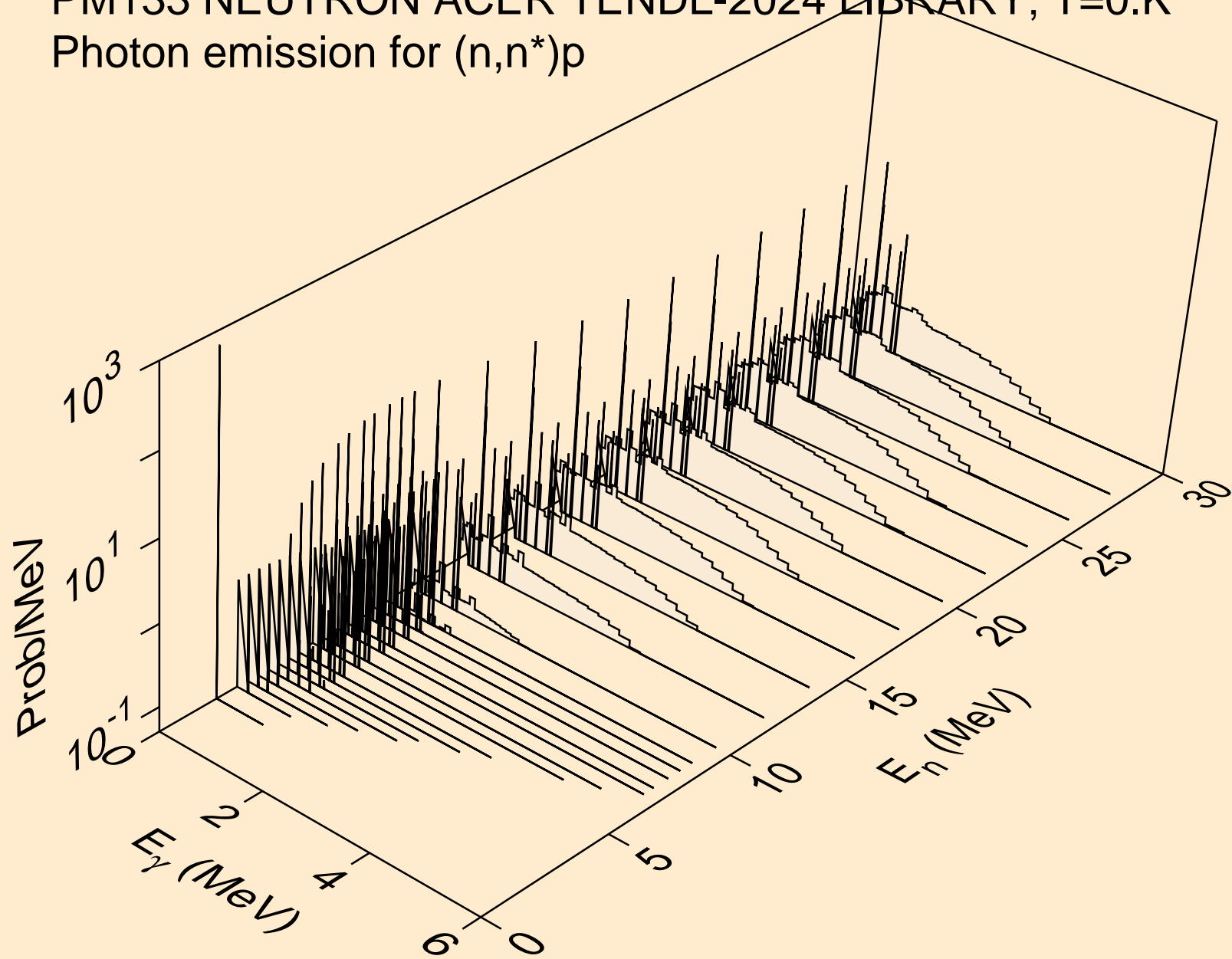
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

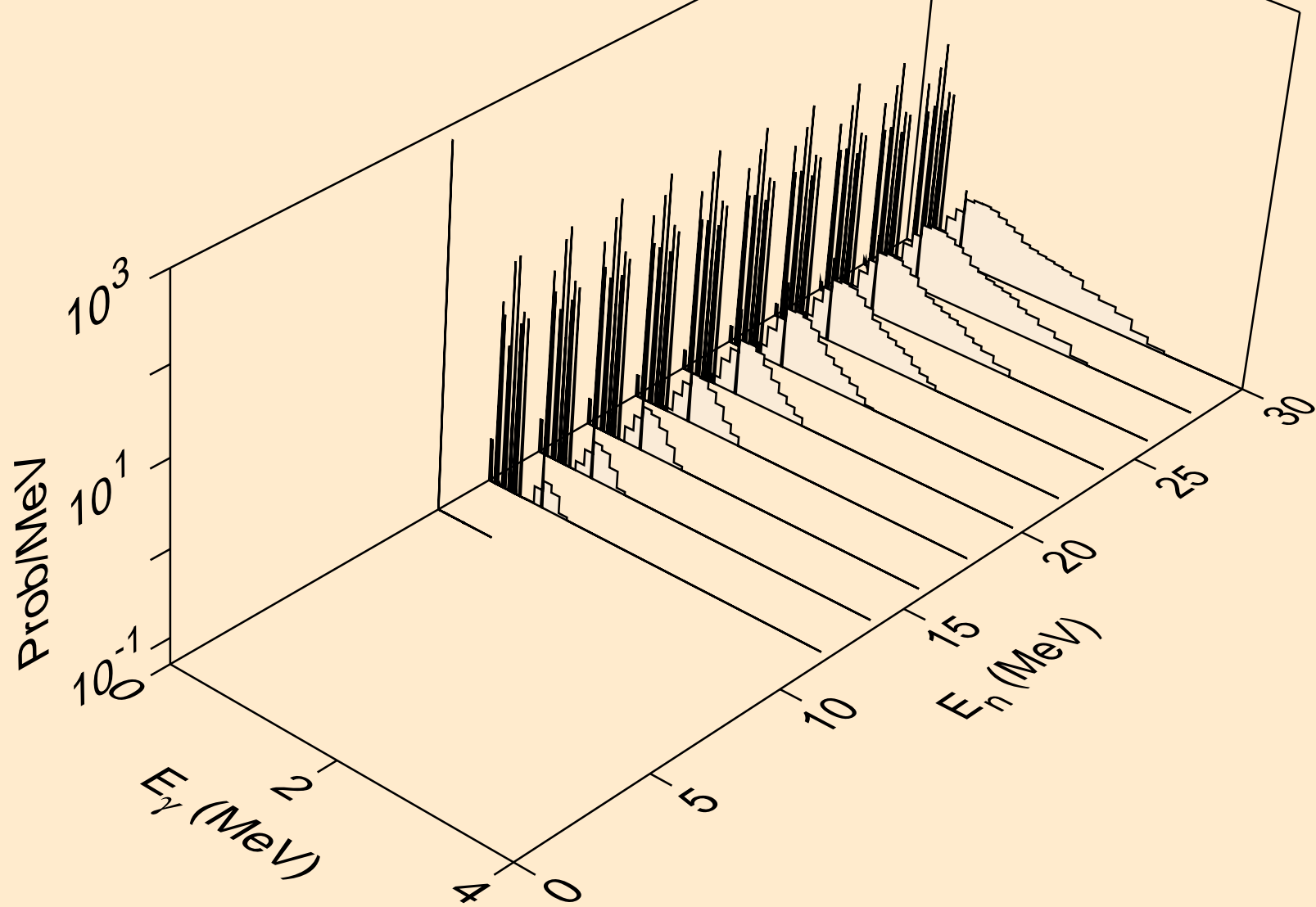


PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

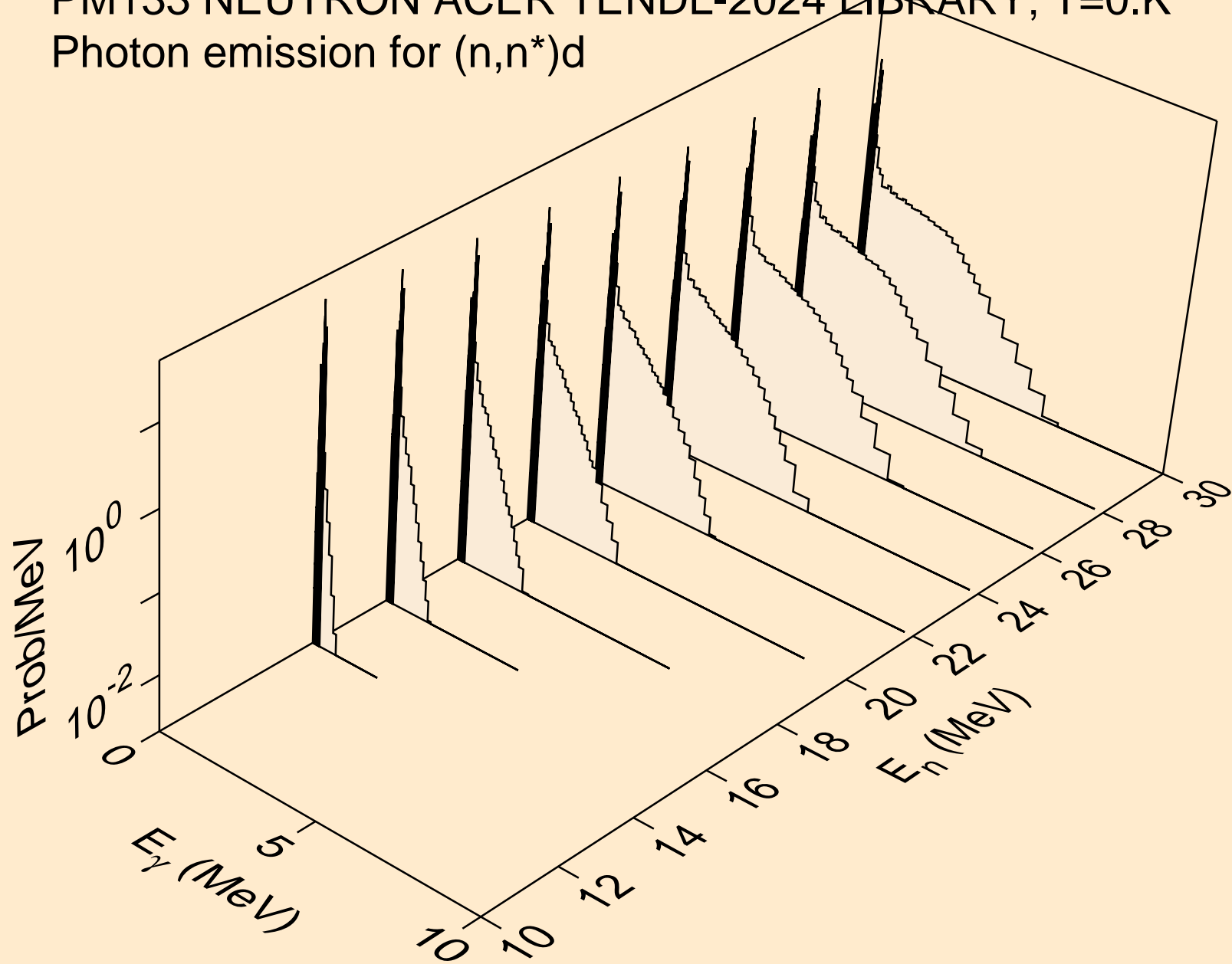




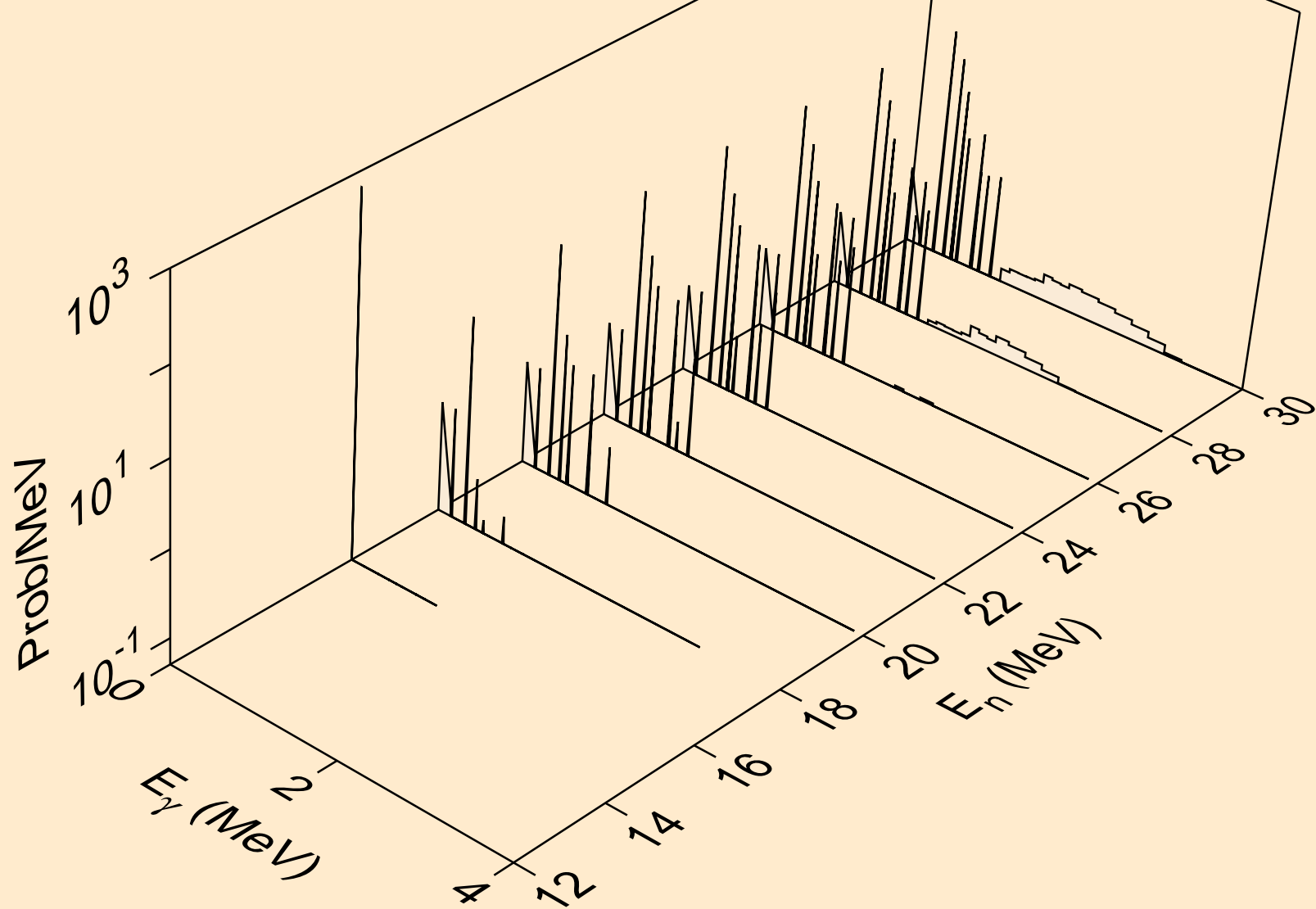
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



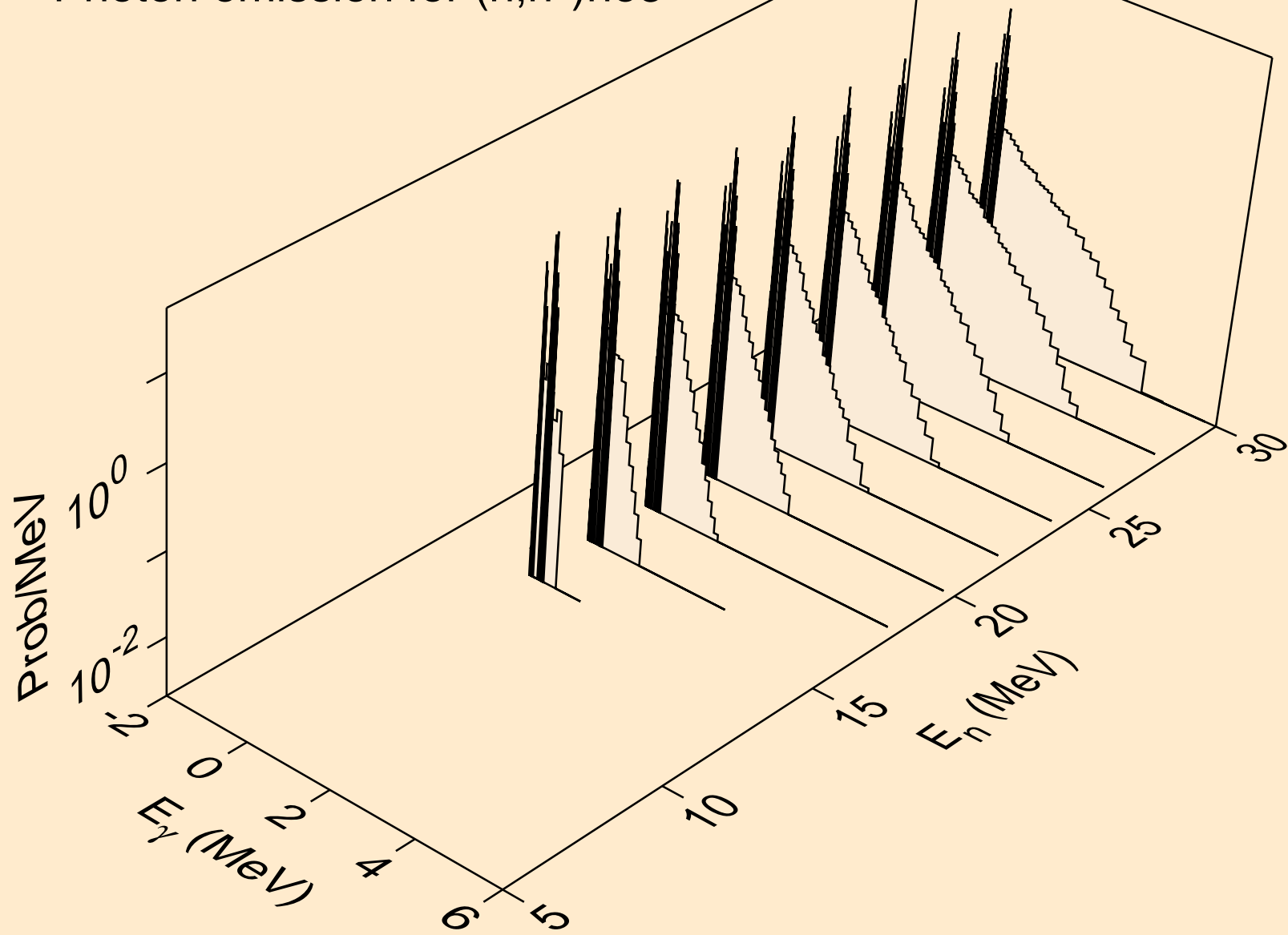
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



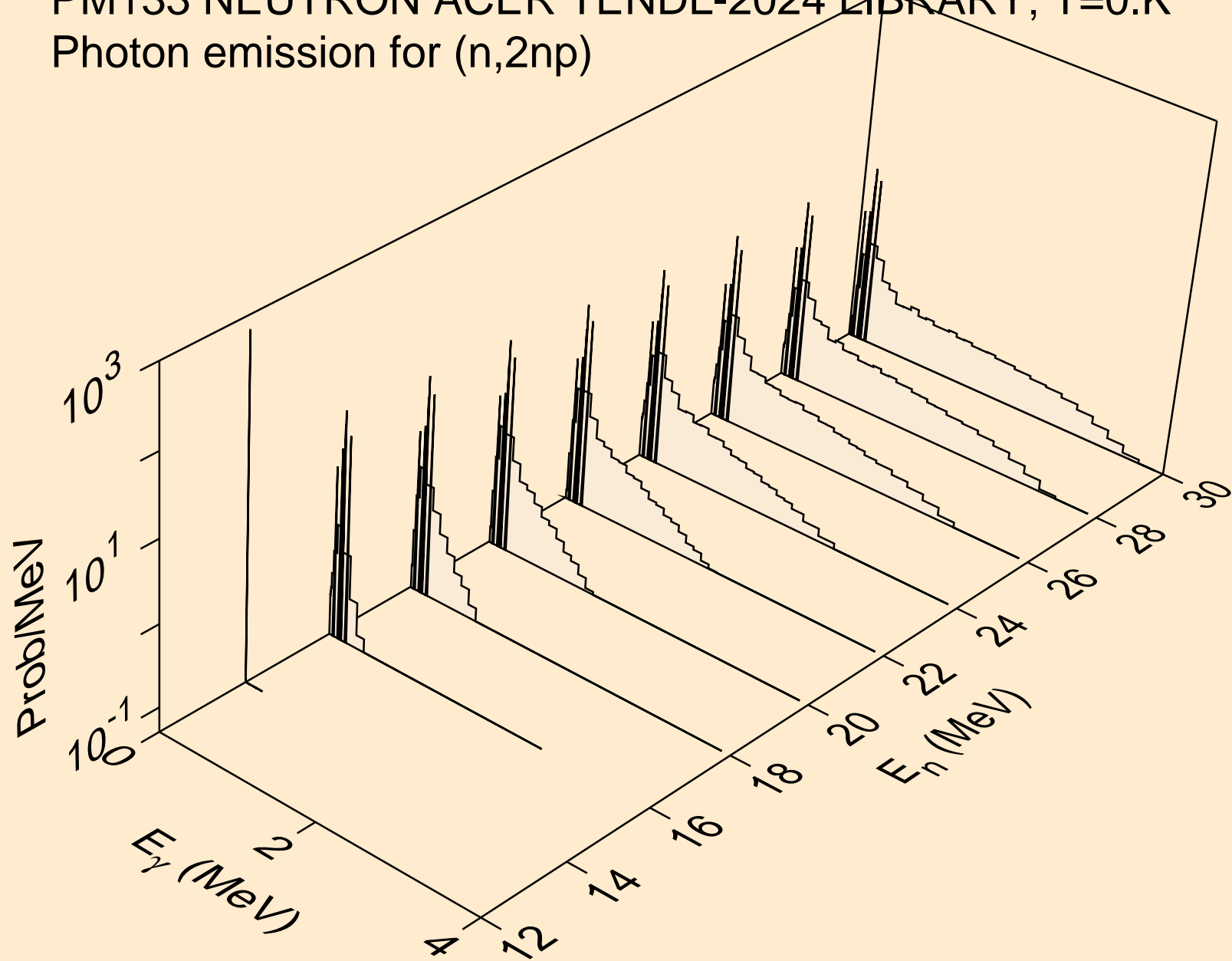
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



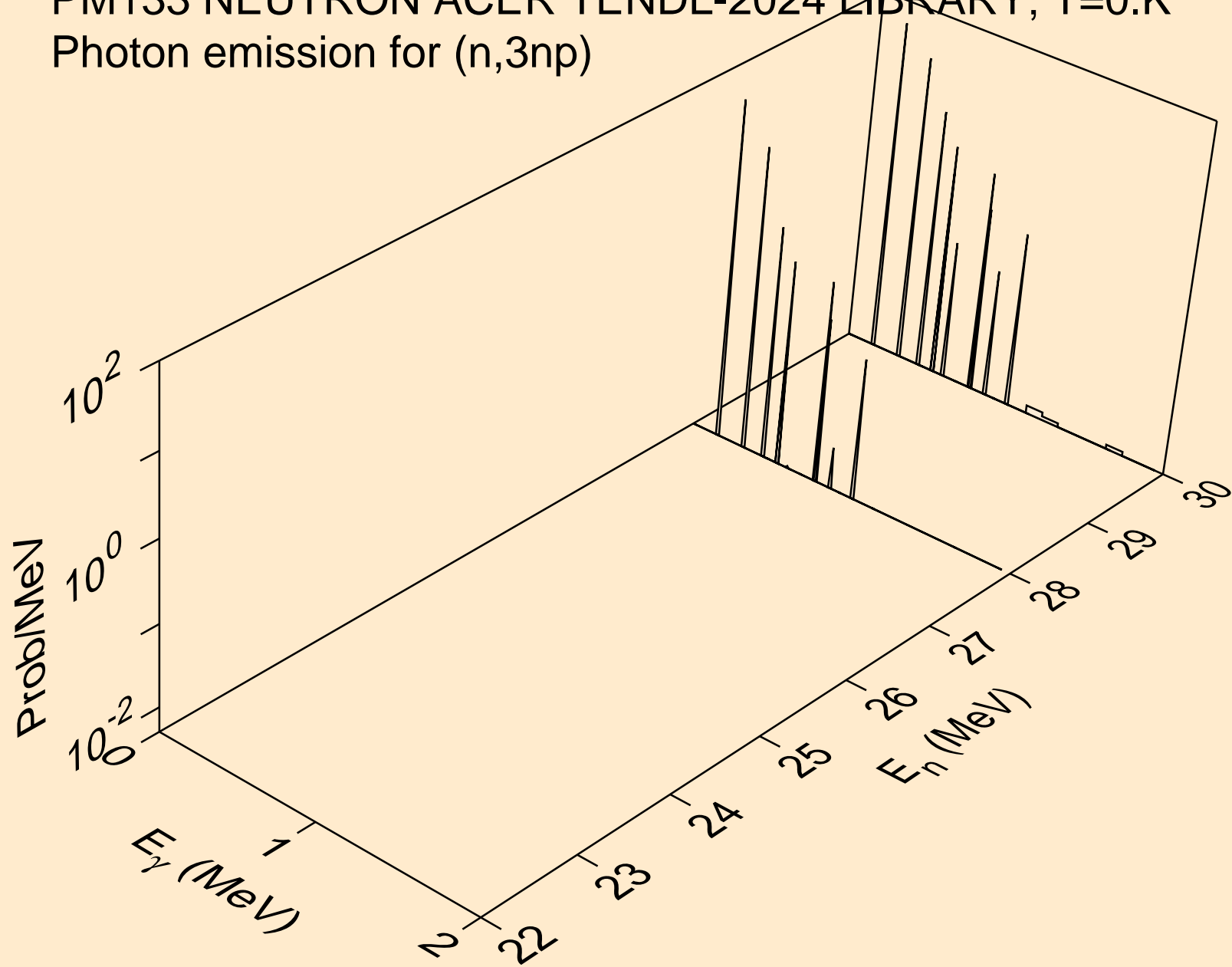
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



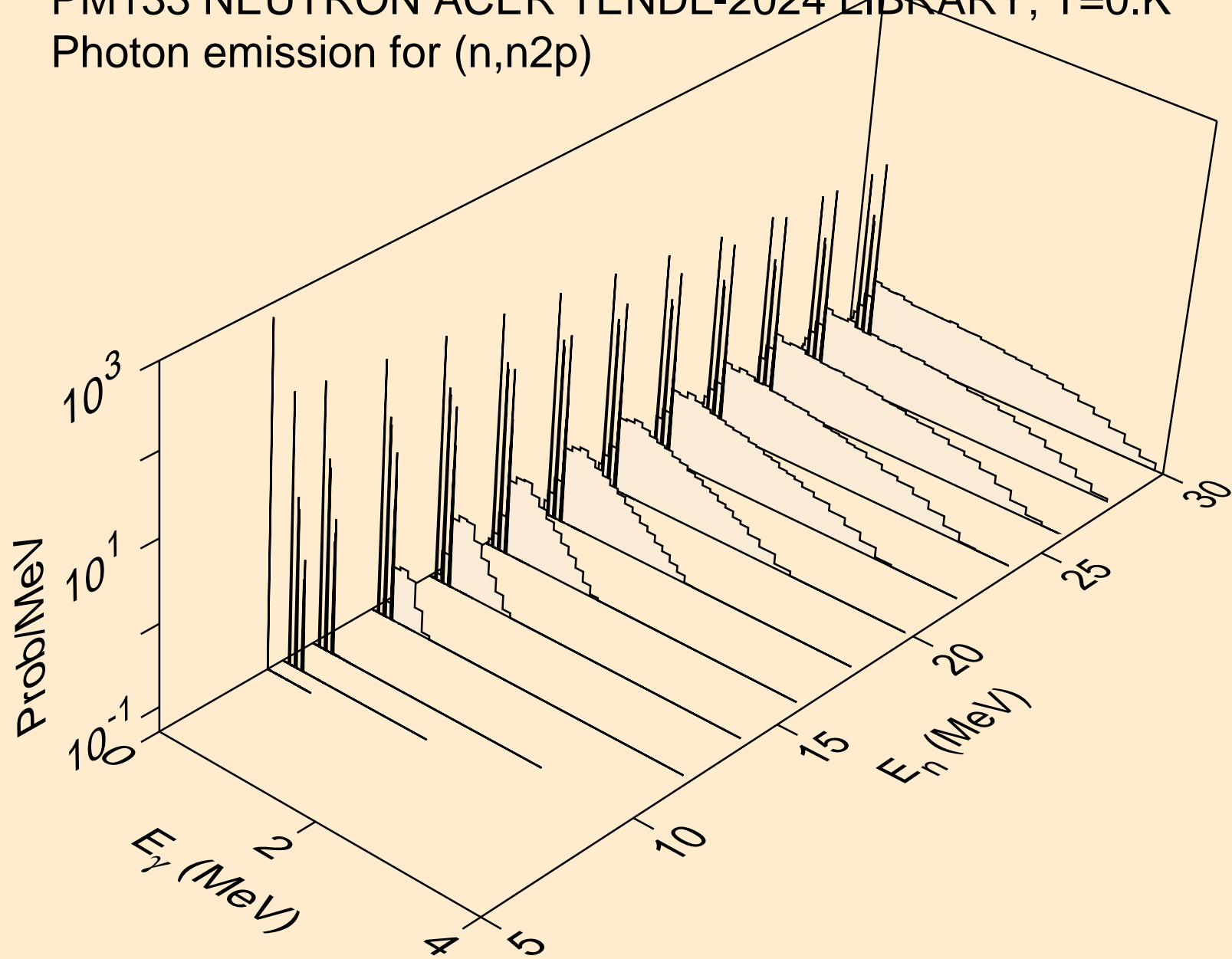
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



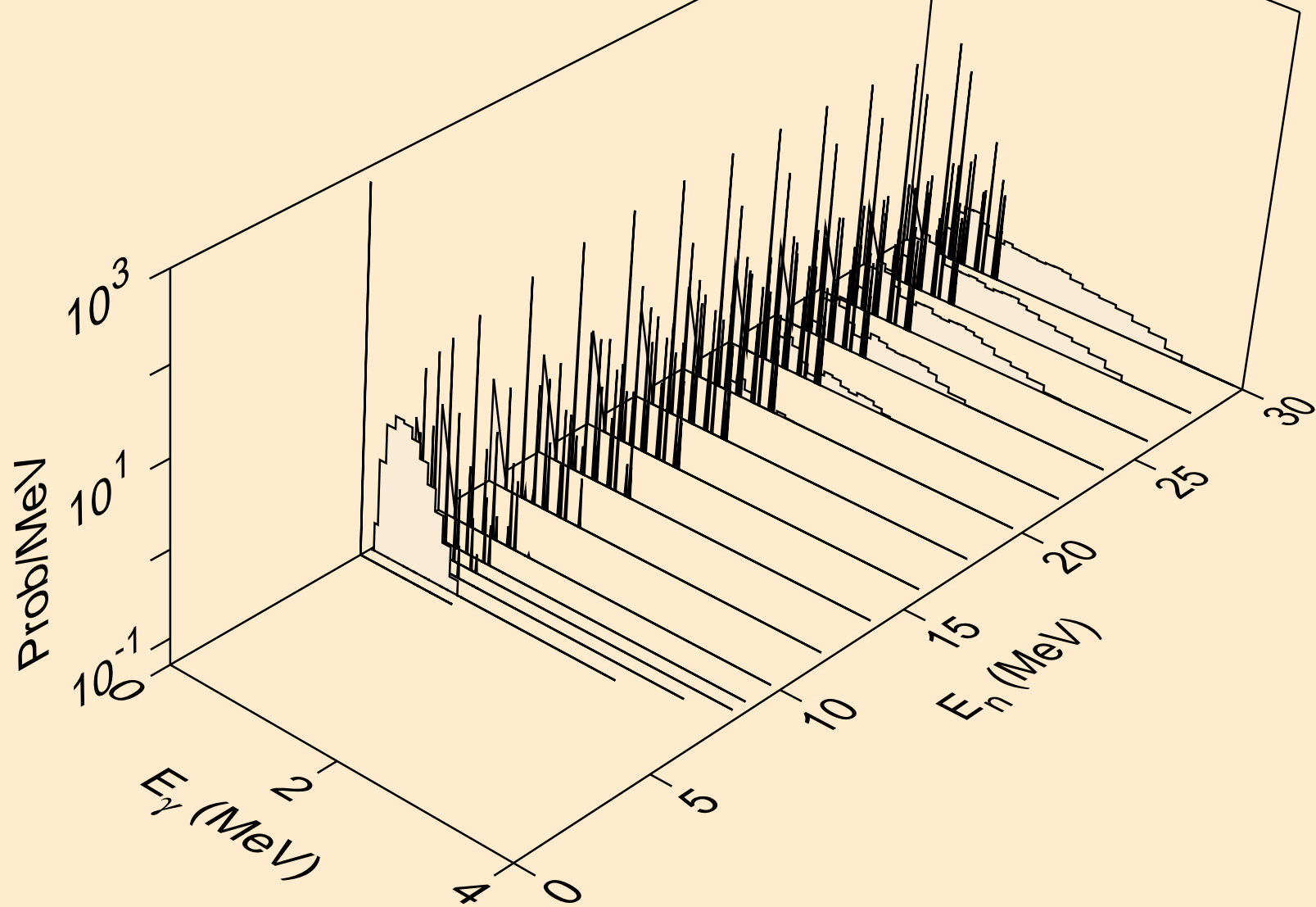
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

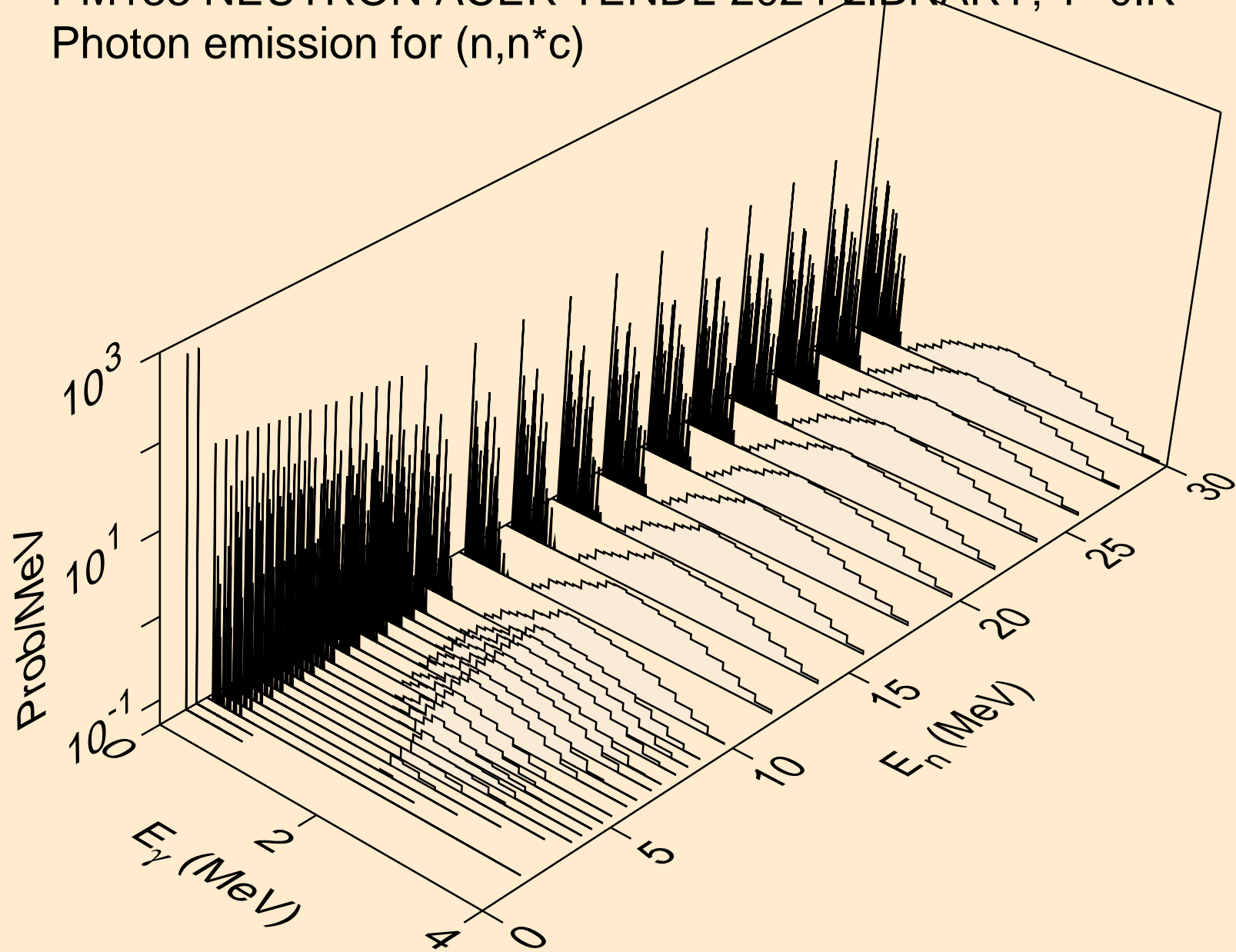


PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)

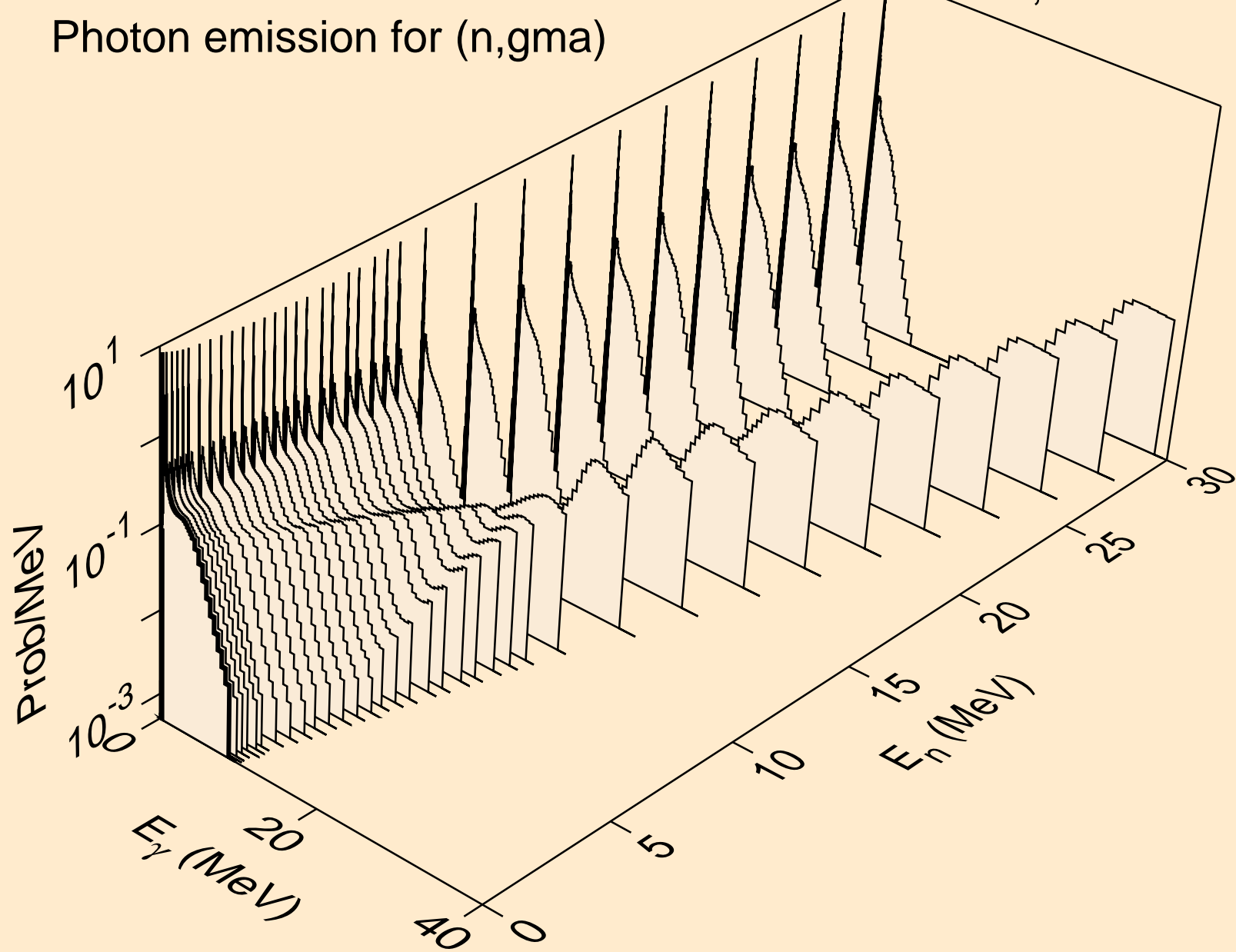




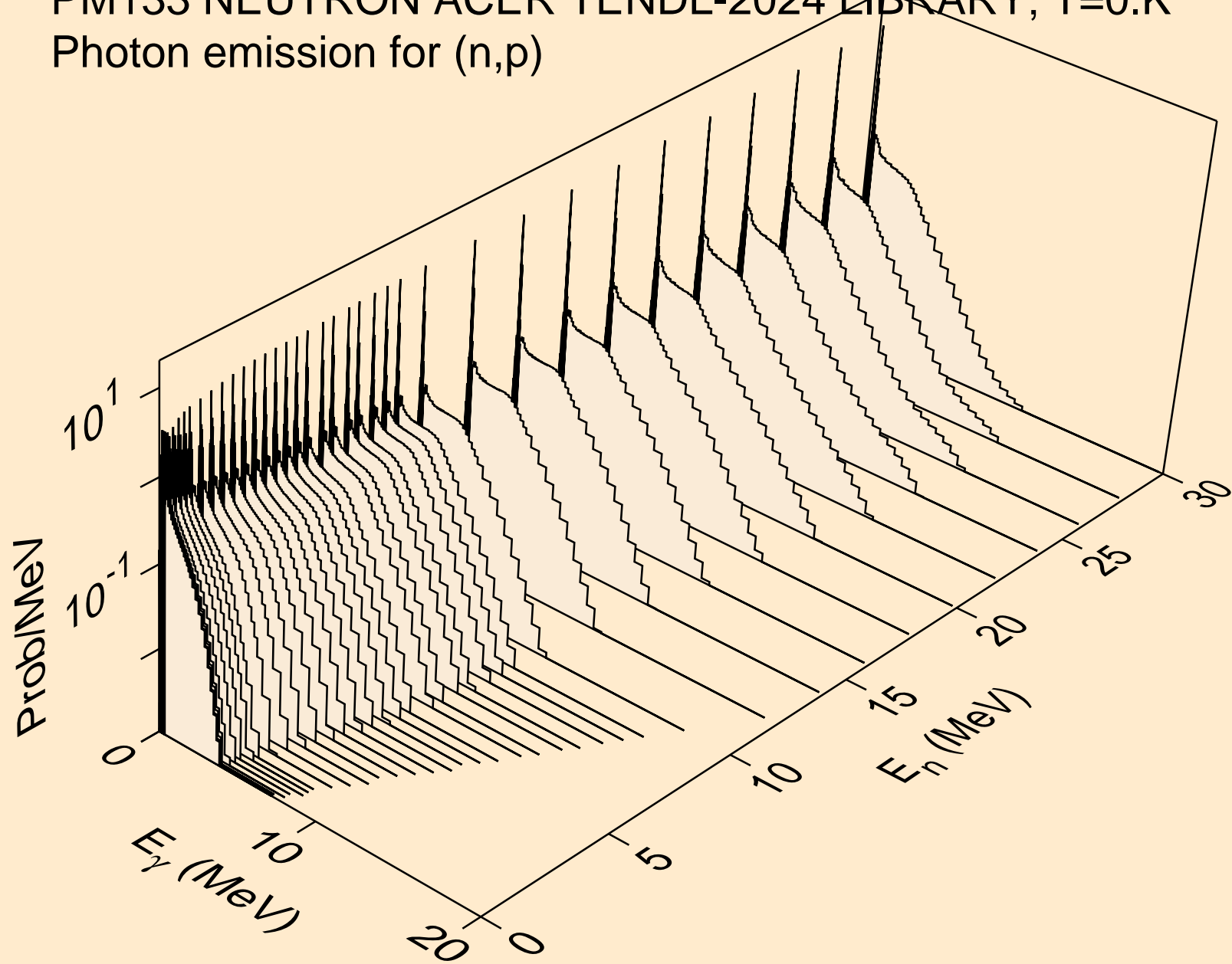
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



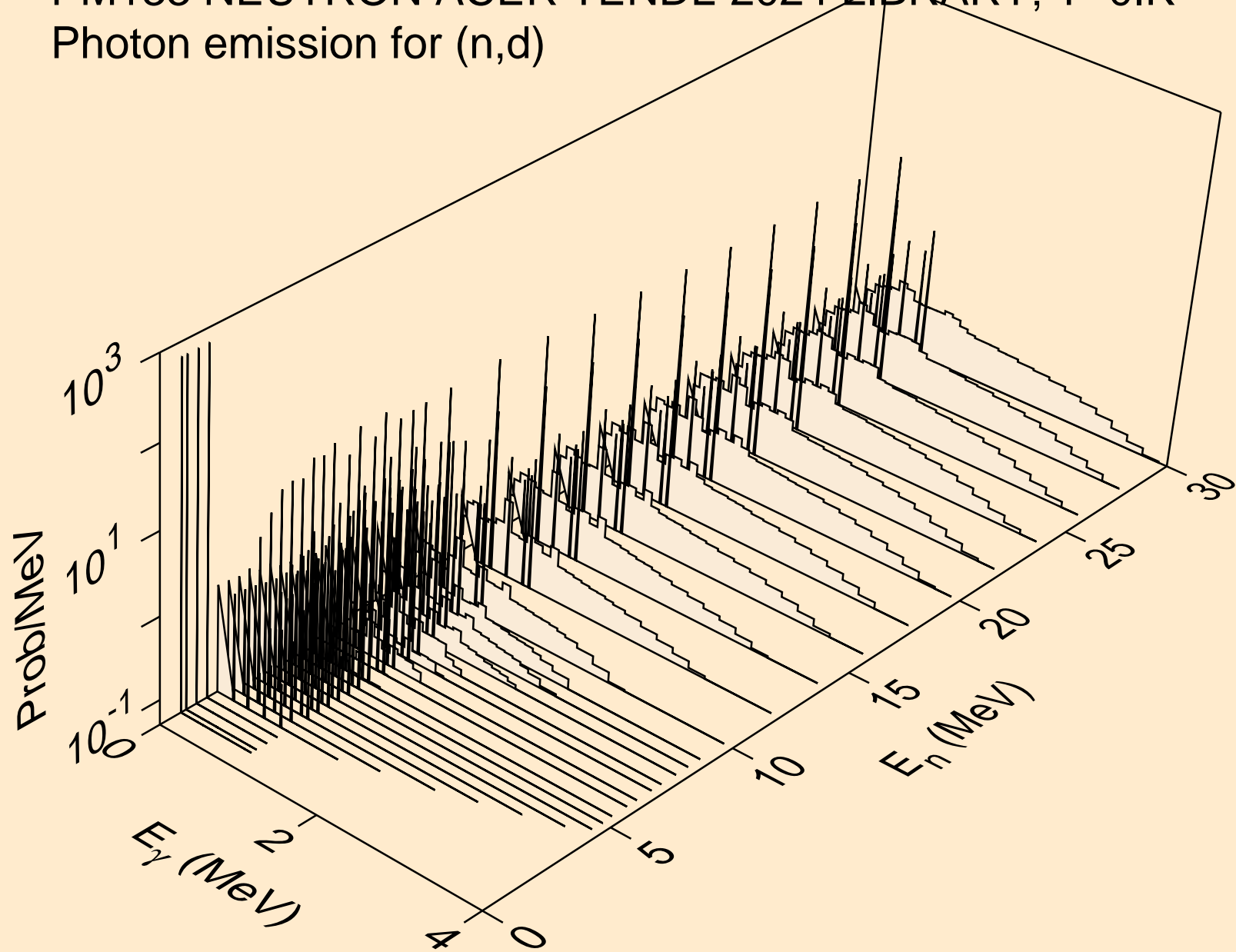
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



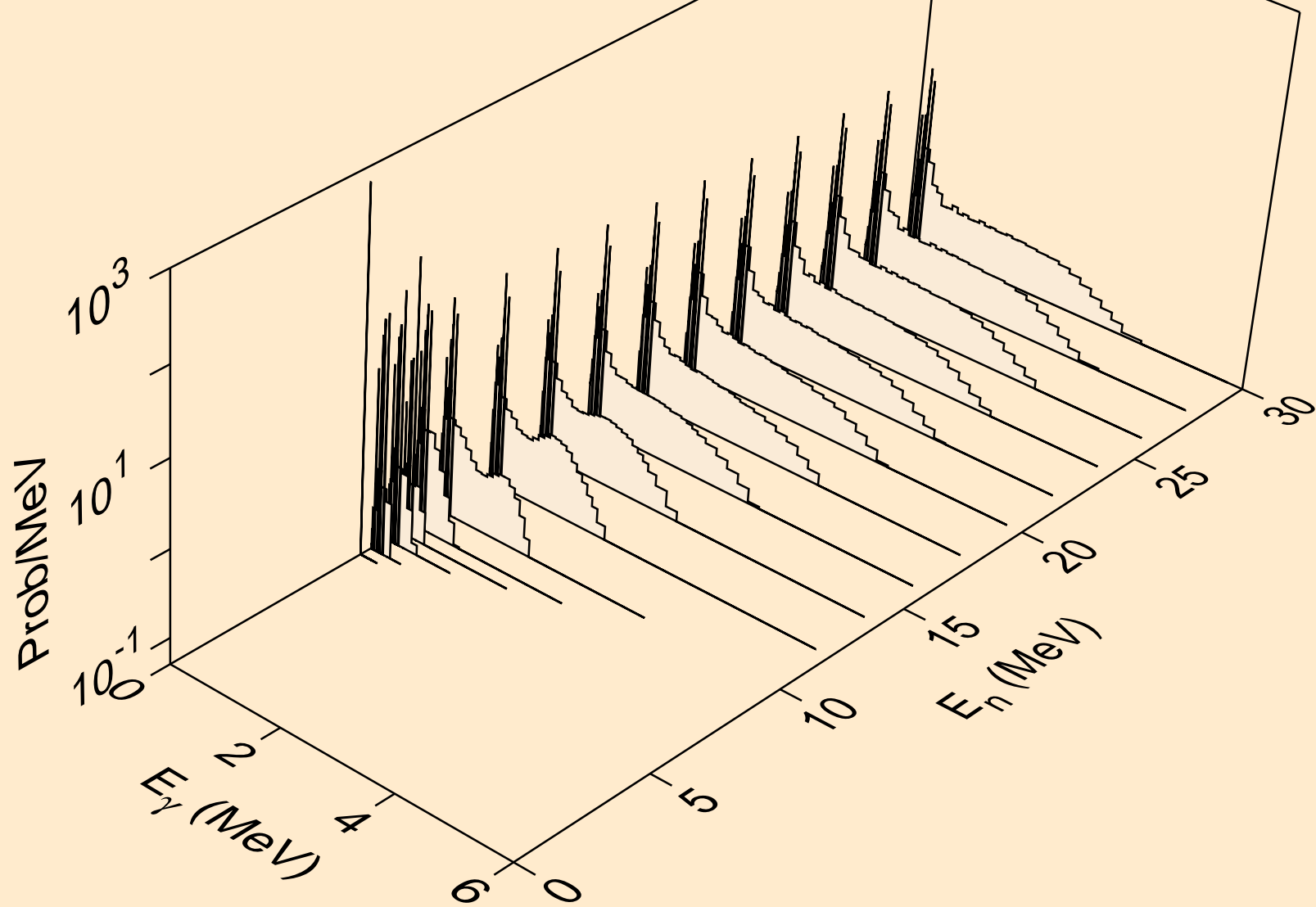
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



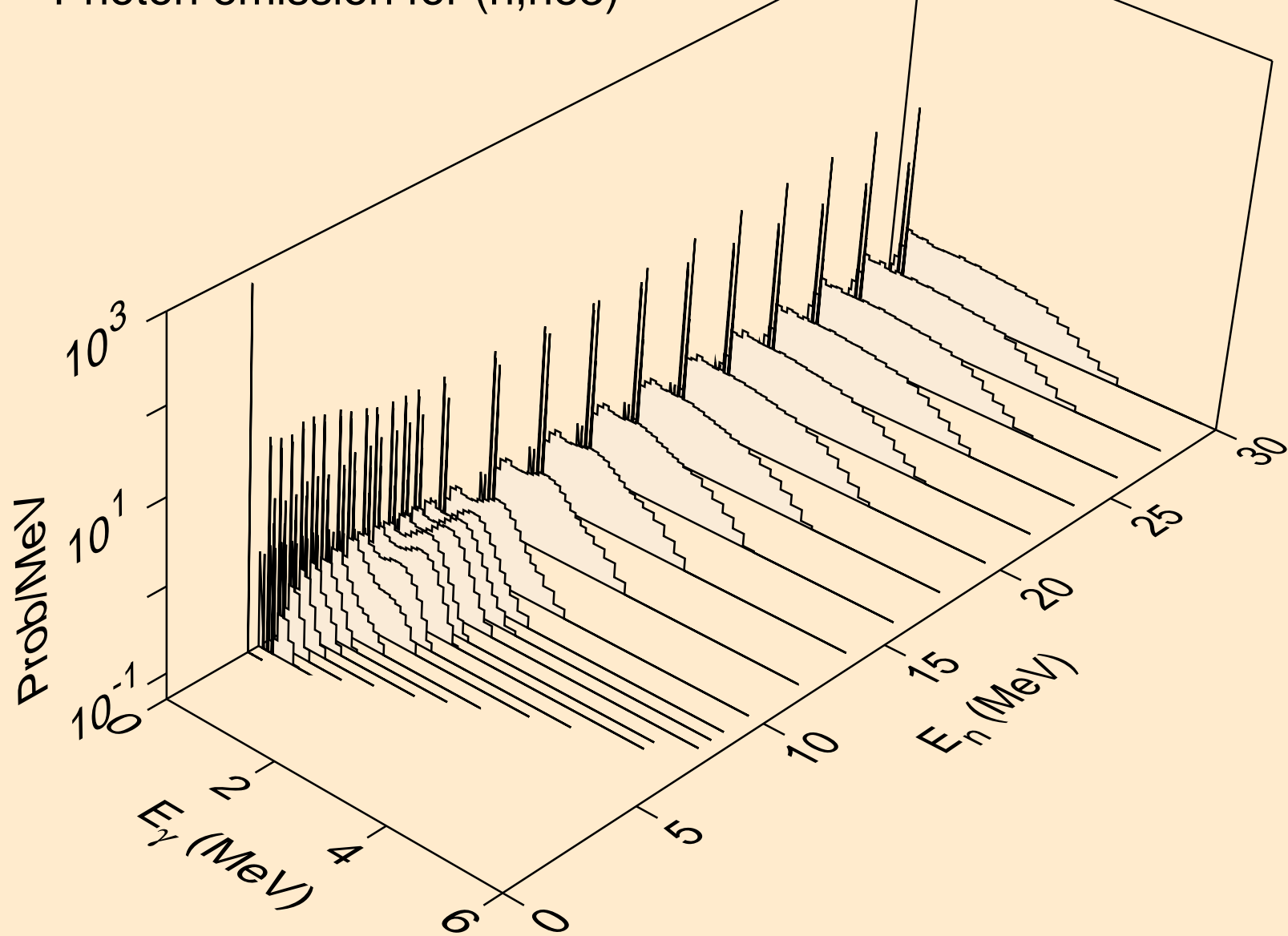
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



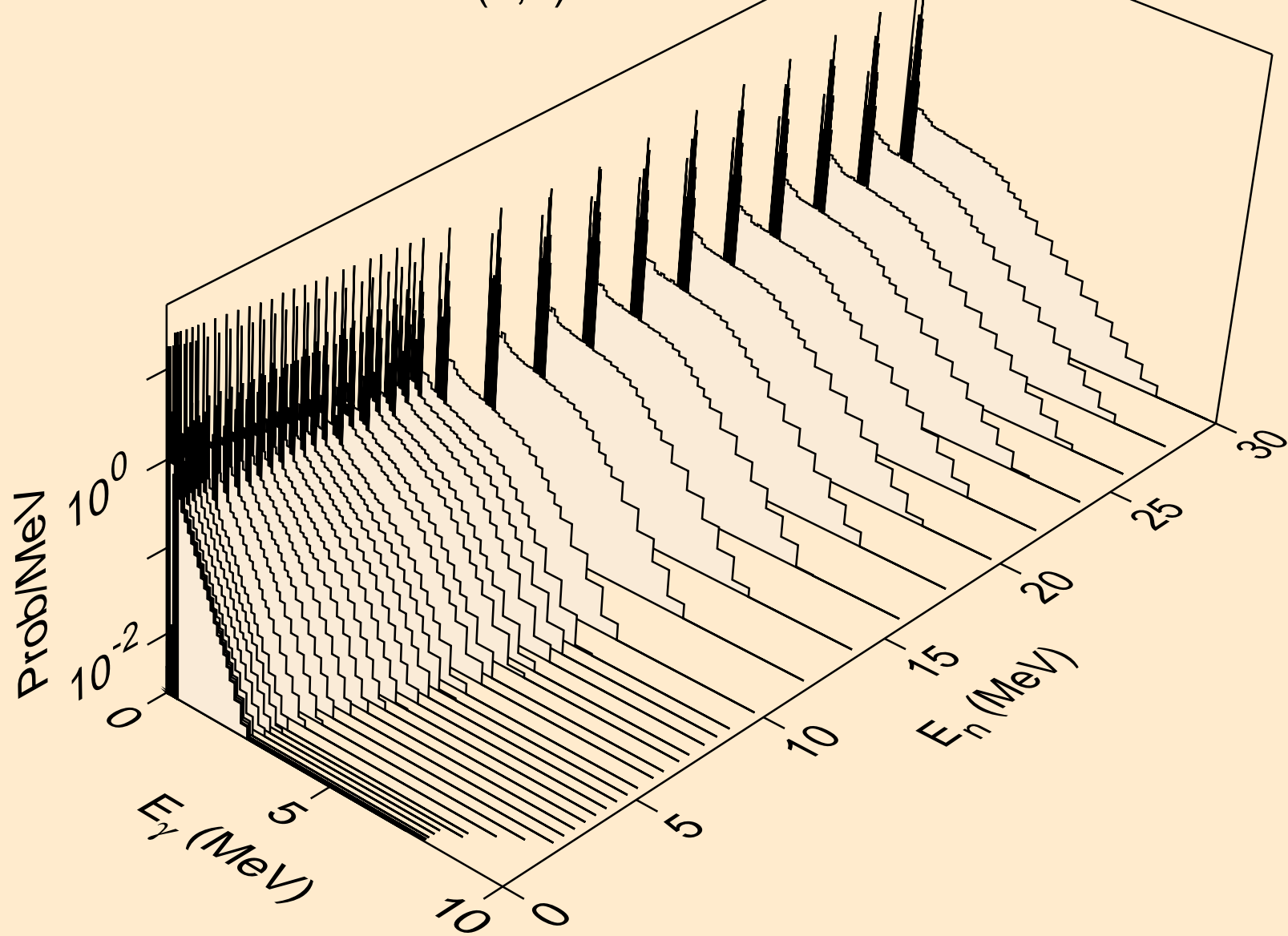
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



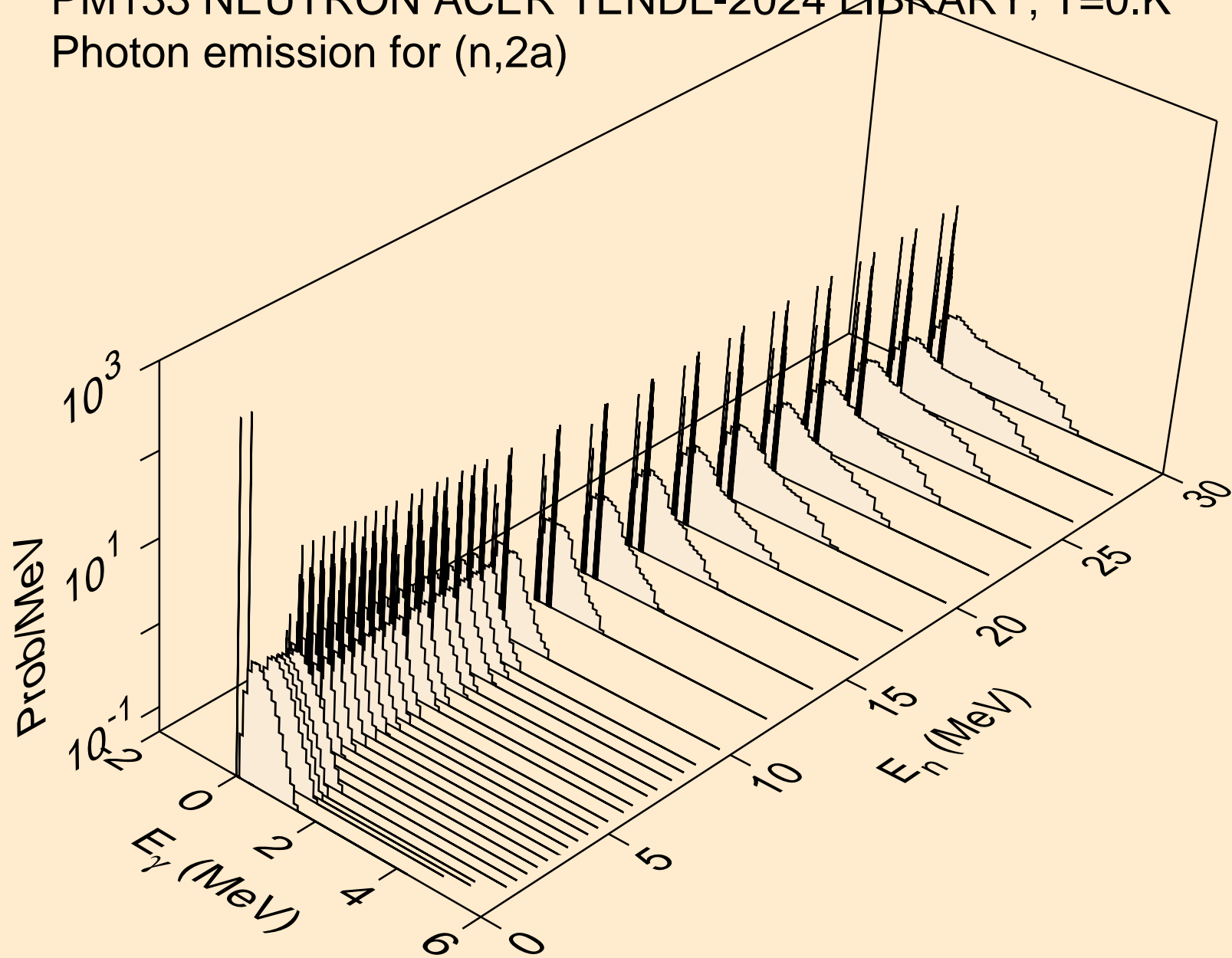
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

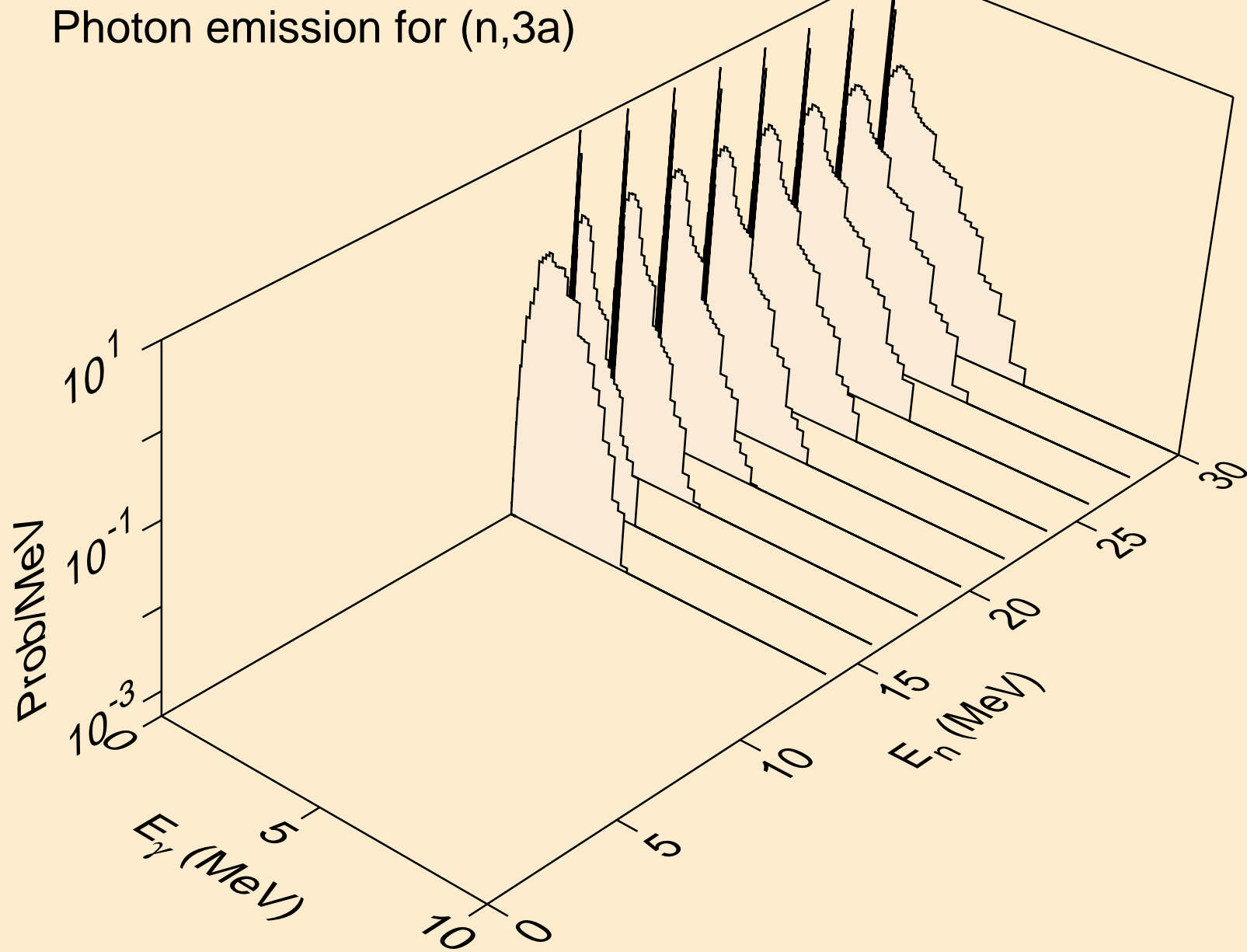


PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)

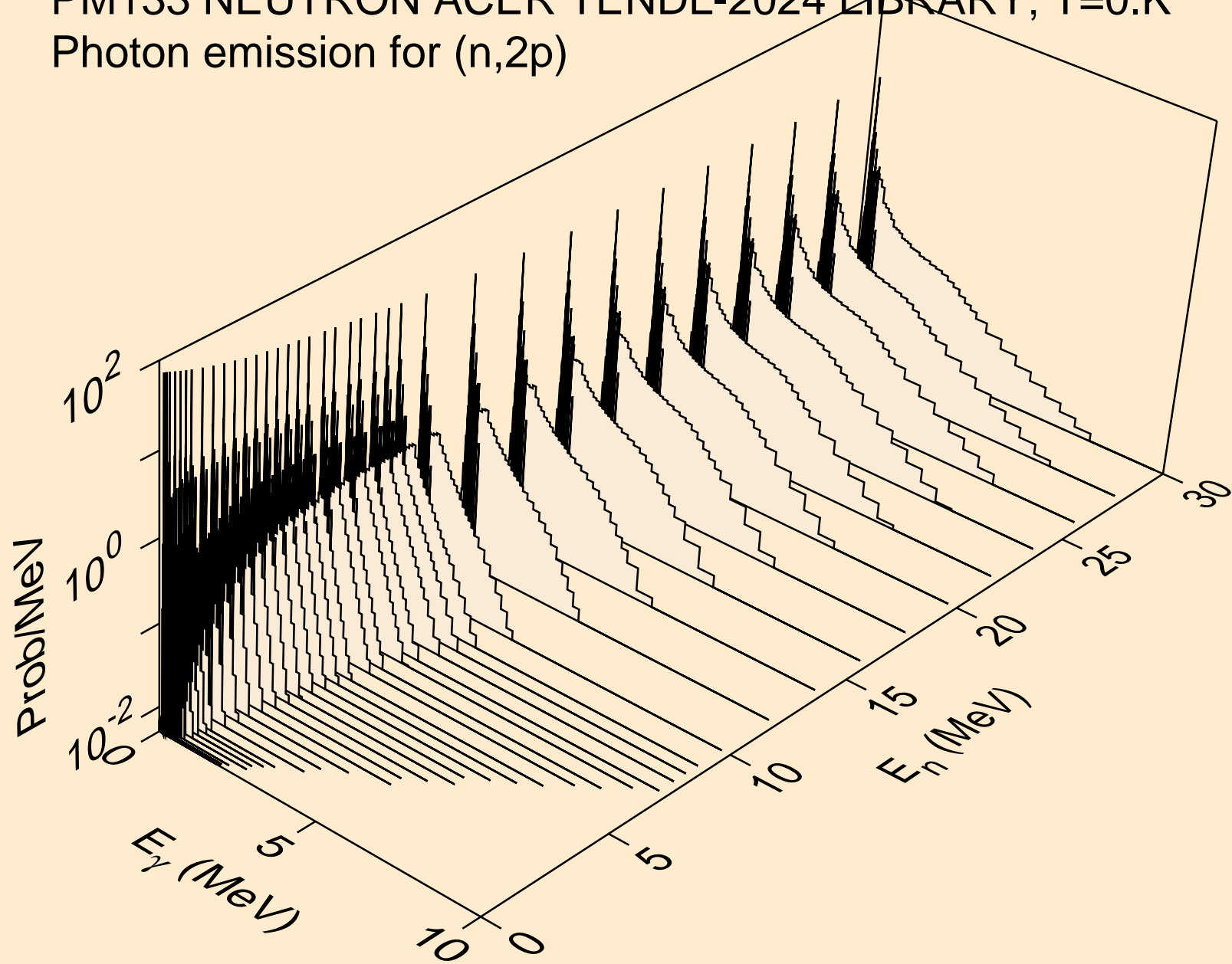




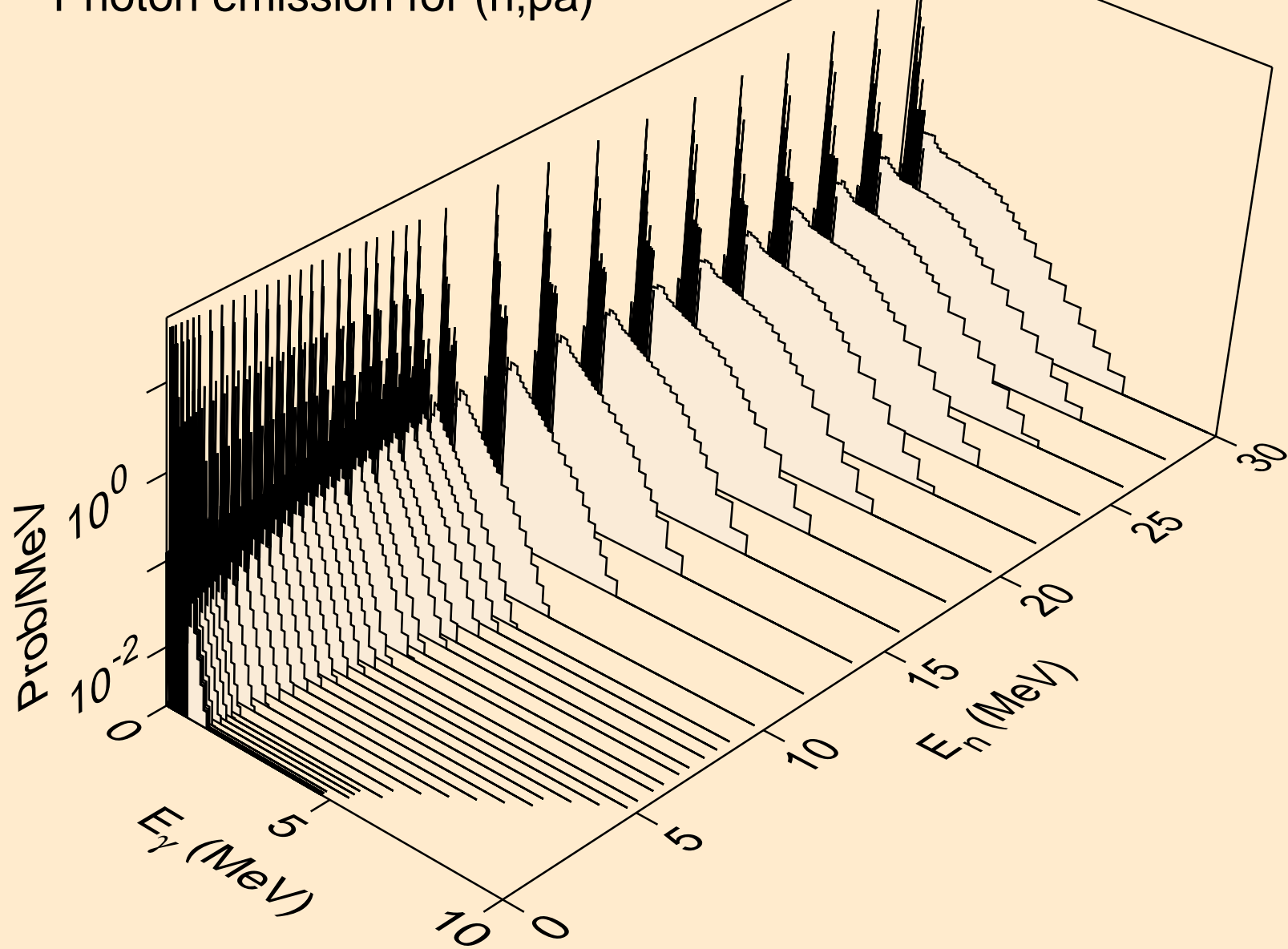
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



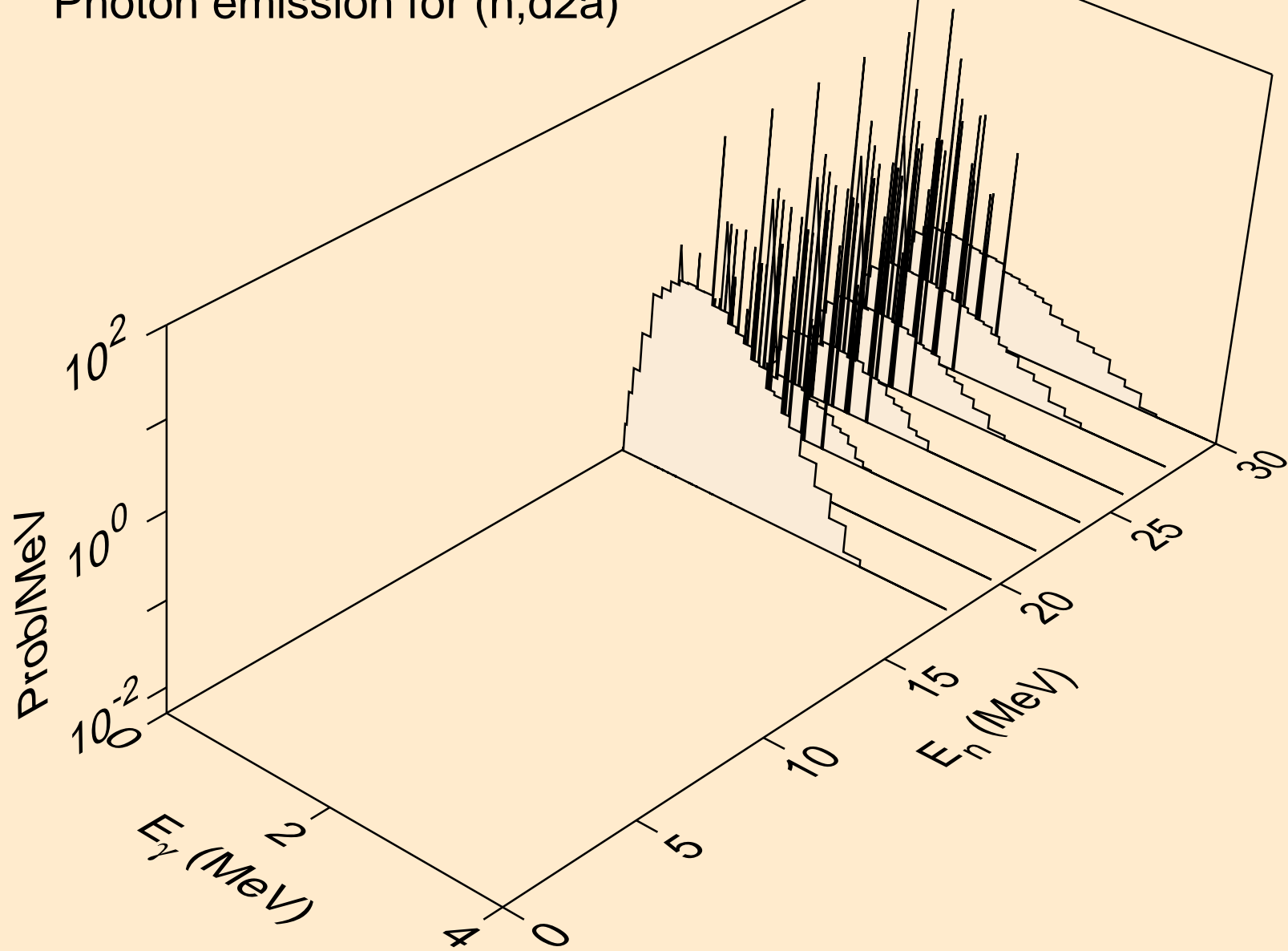
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



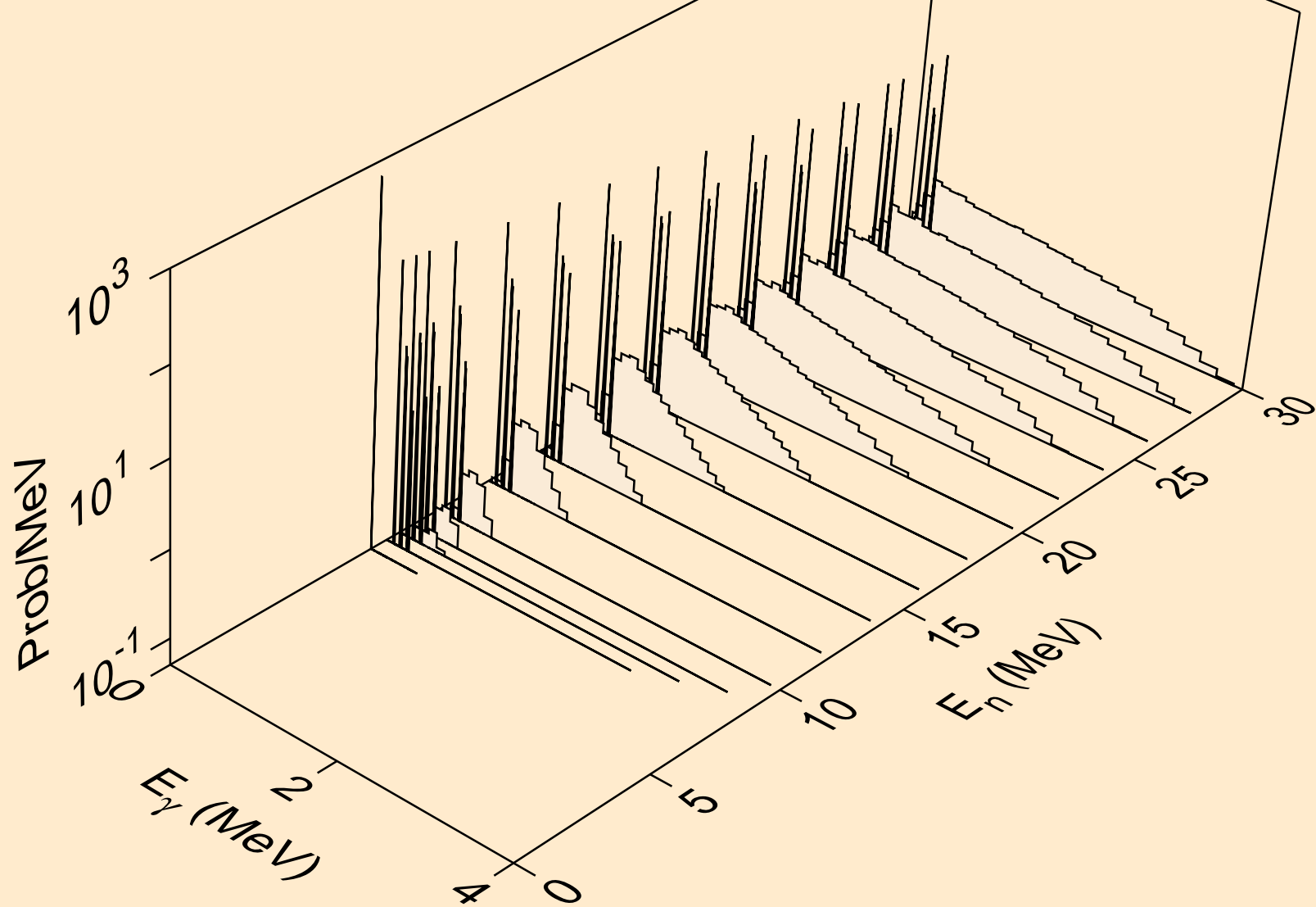
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



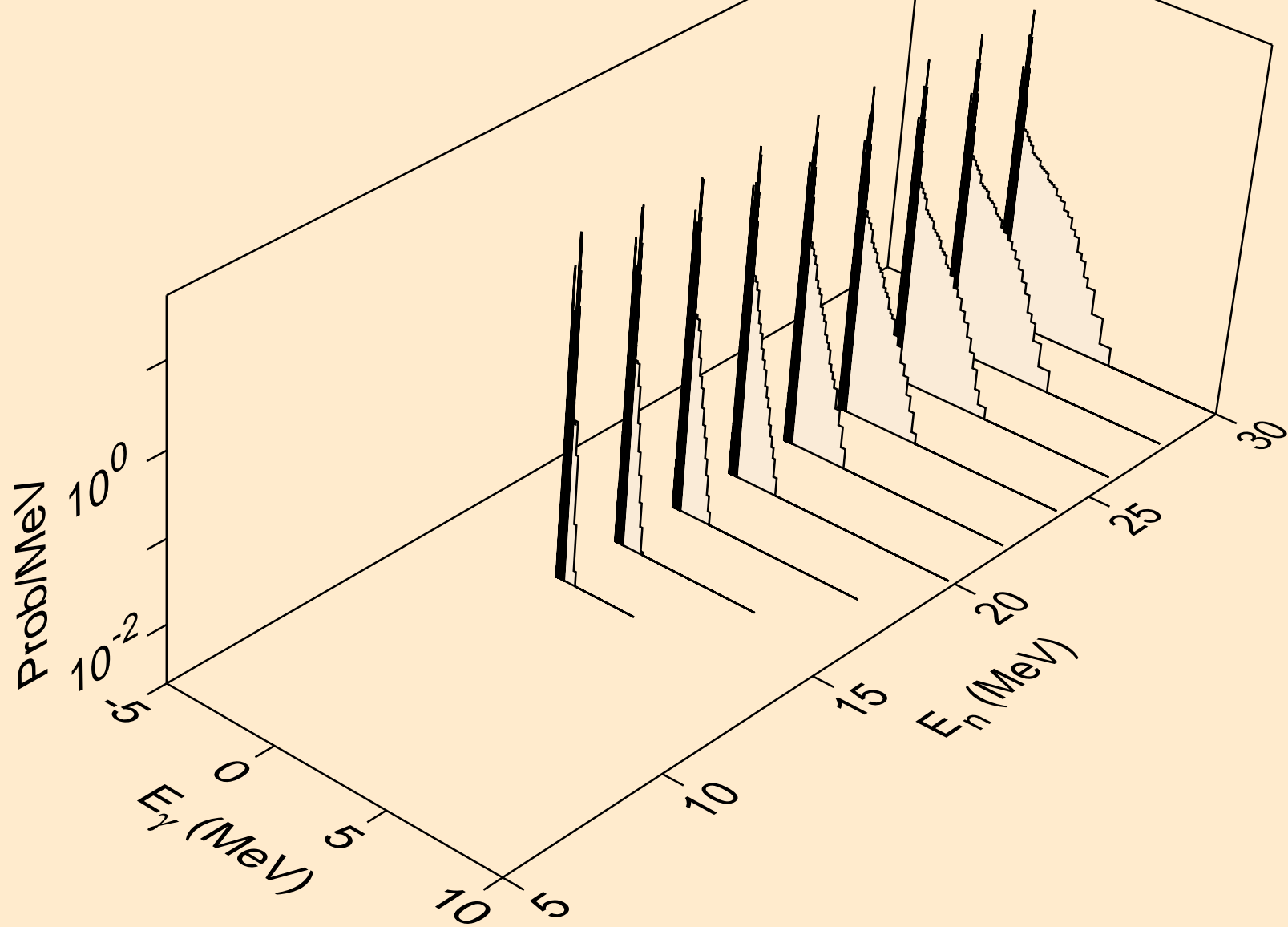
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d2a)



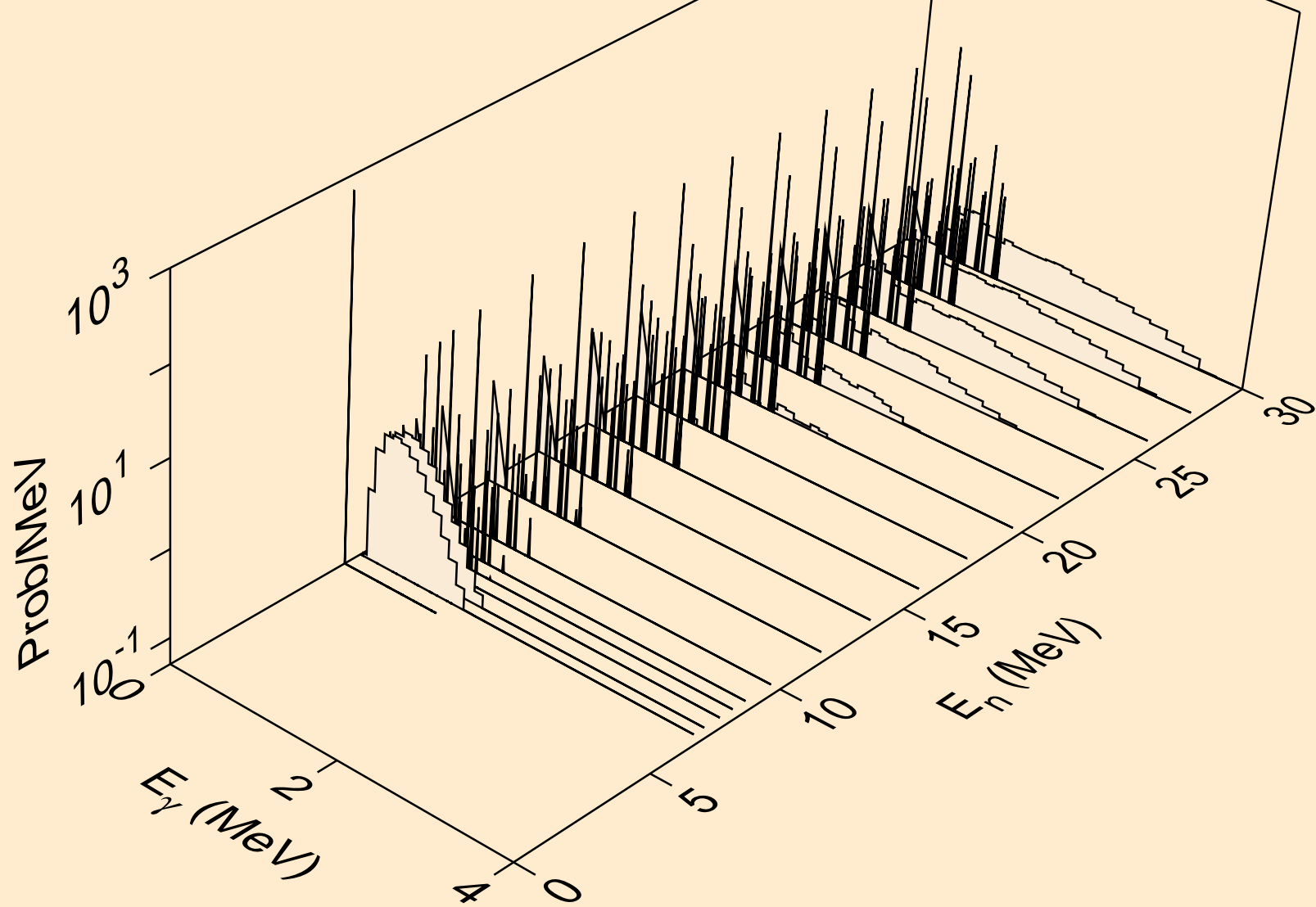
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



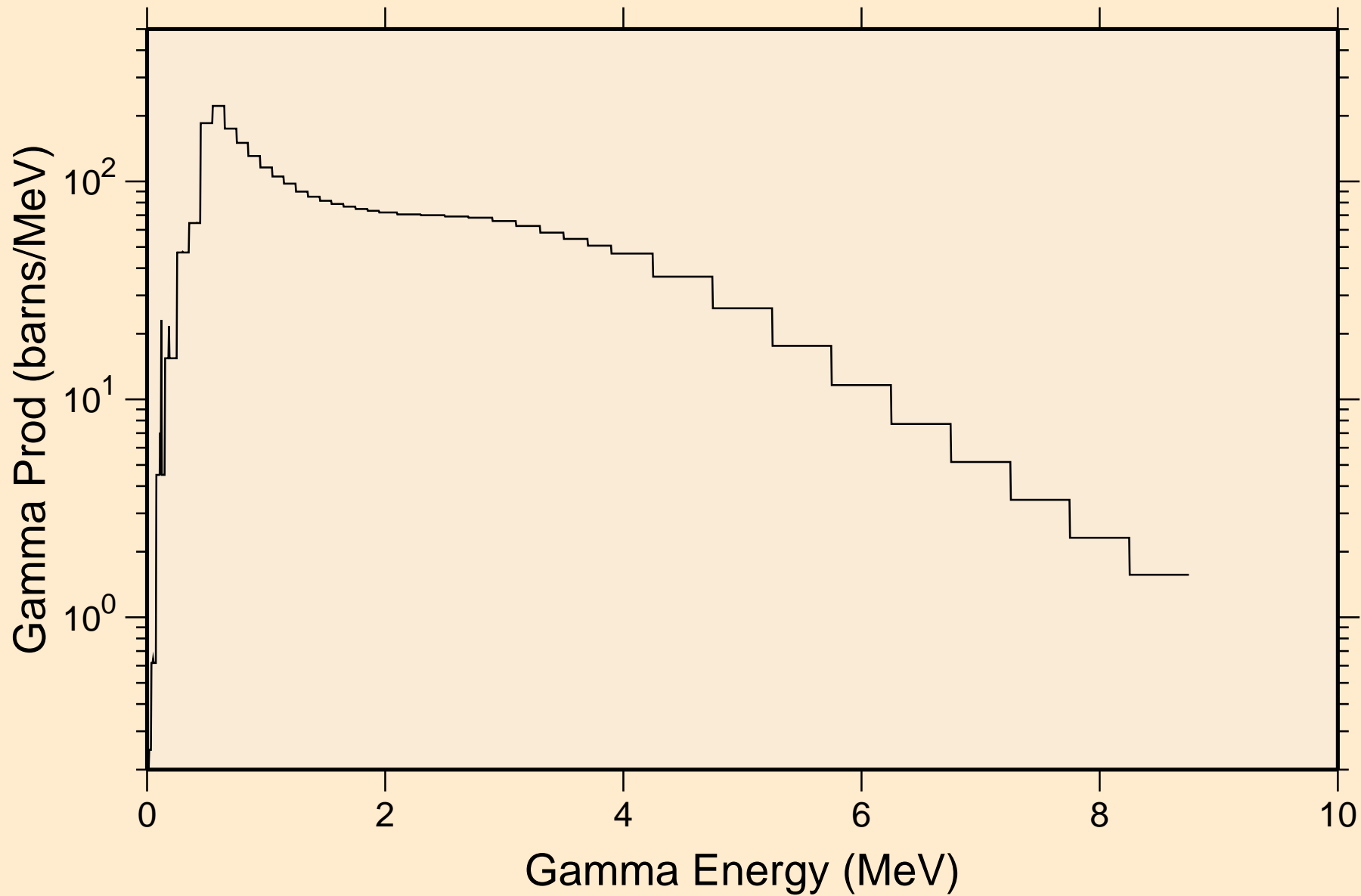
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

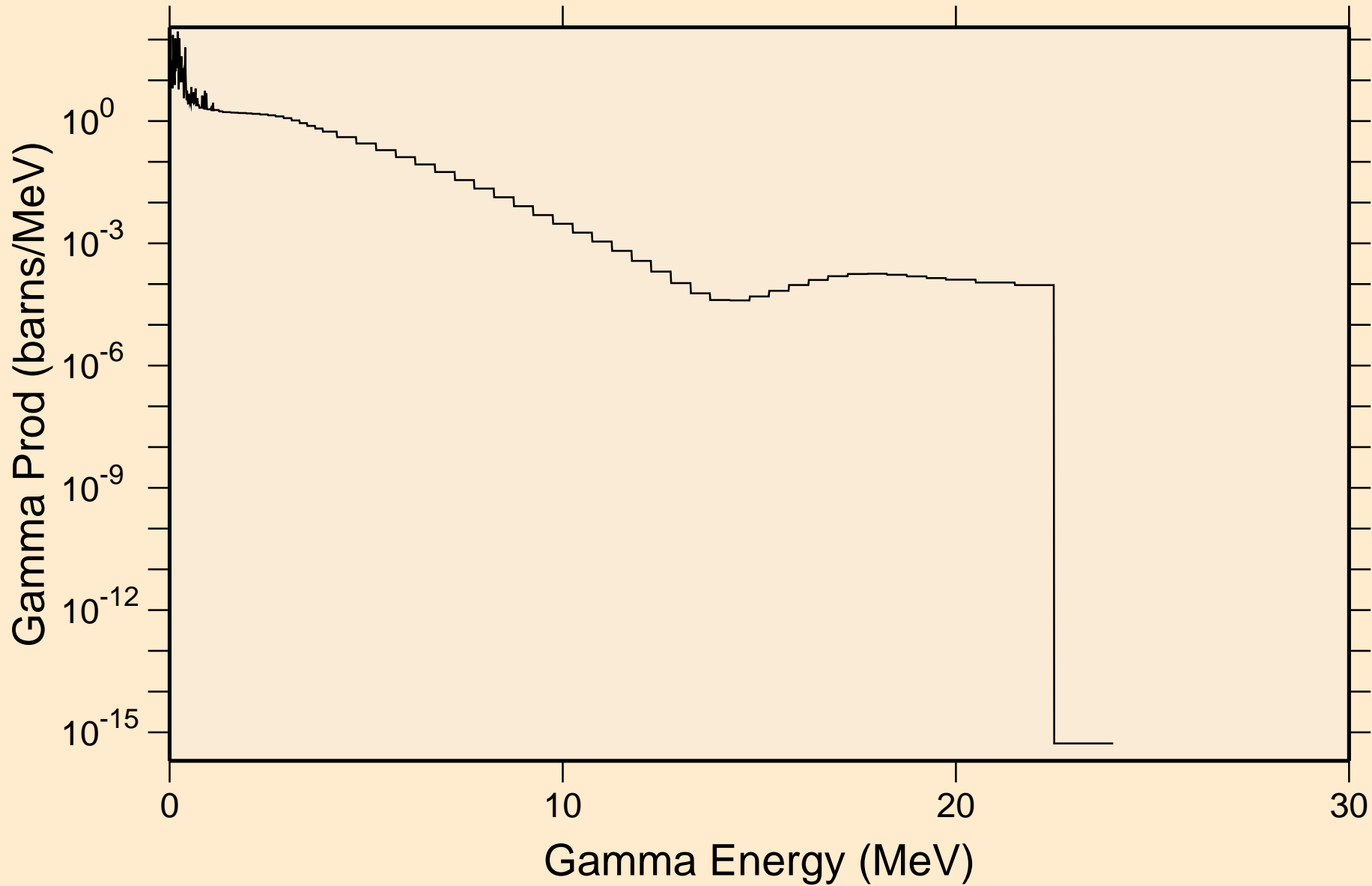


PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



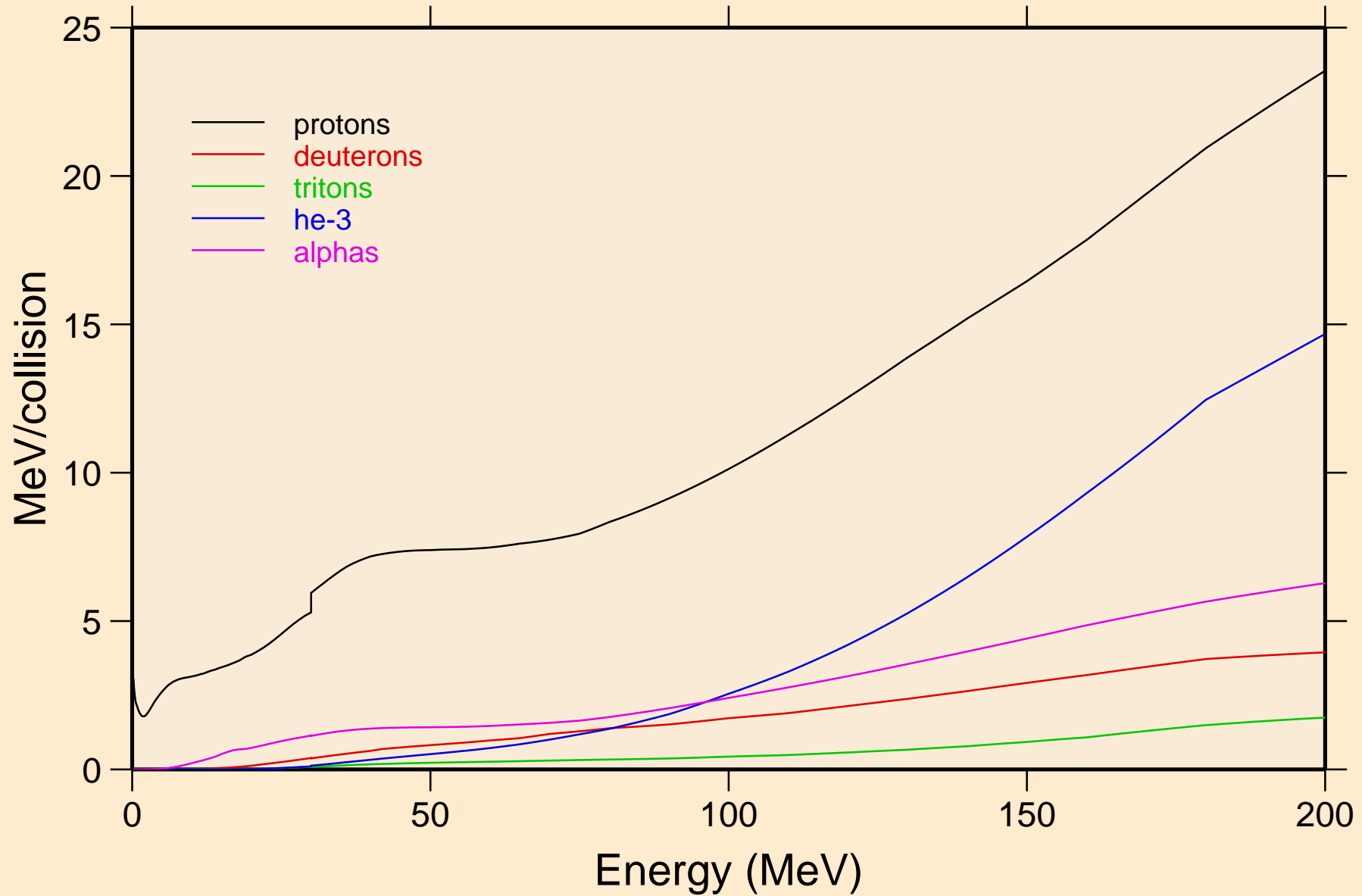


PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

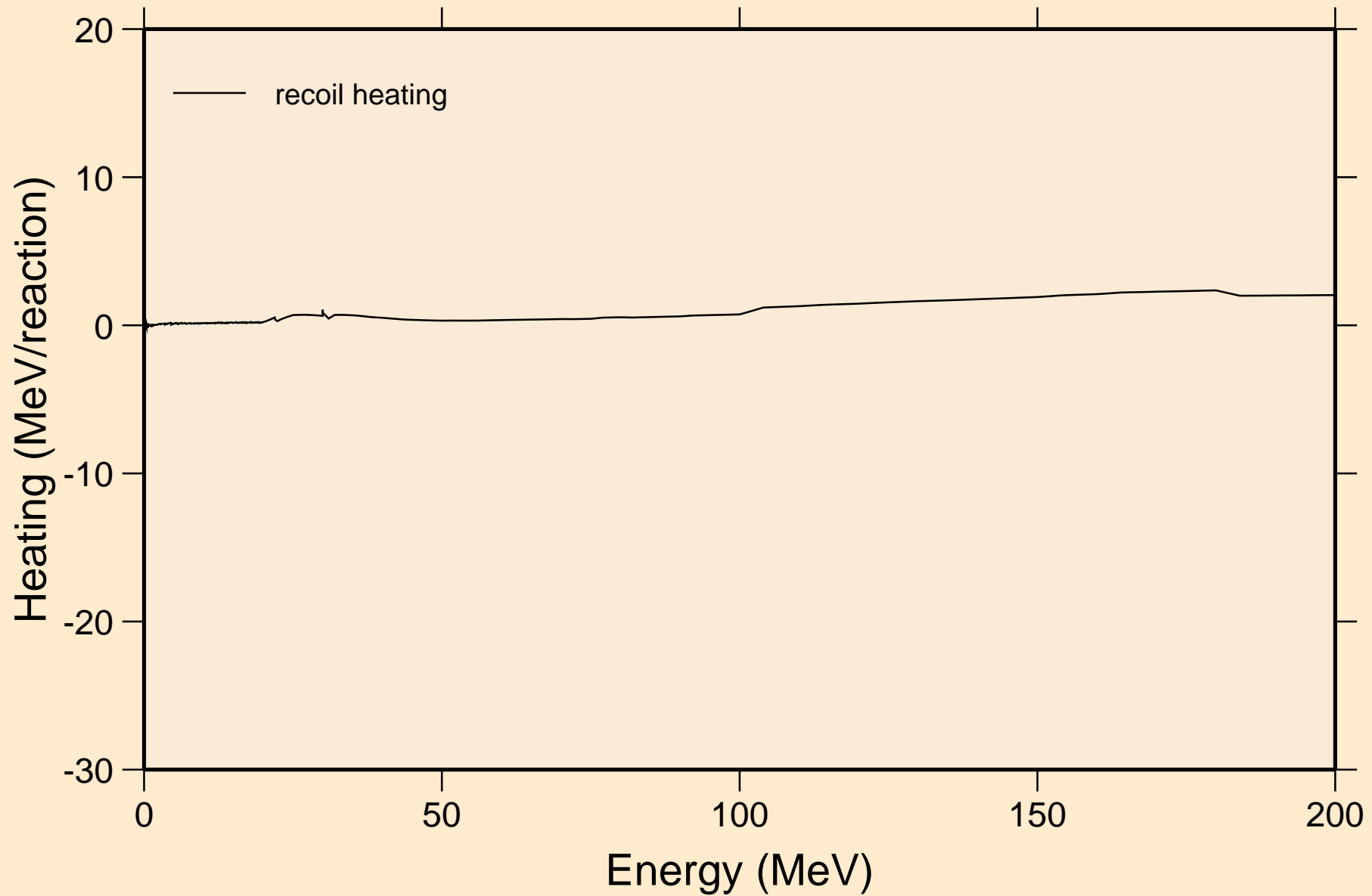


# PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

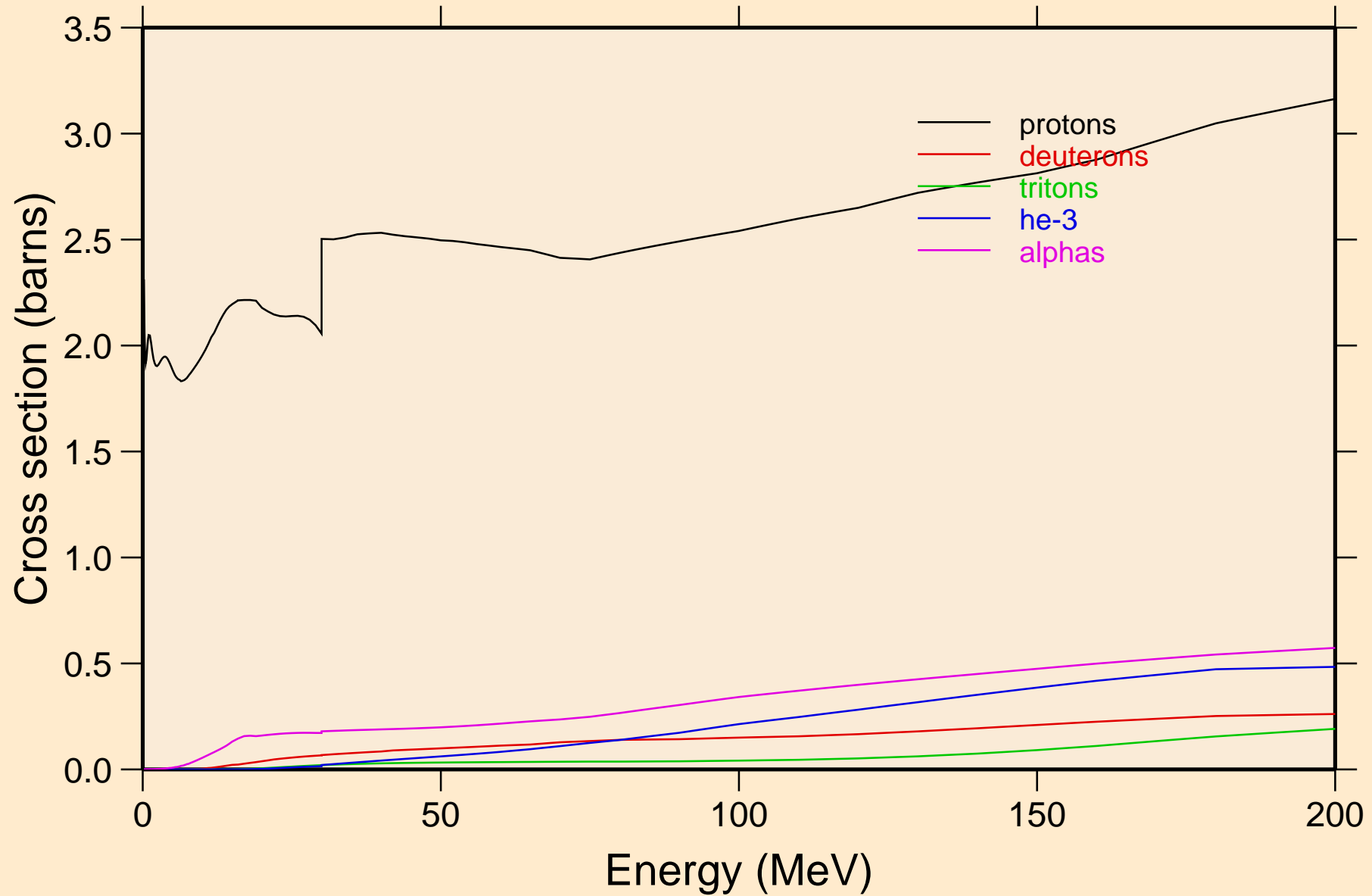


PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

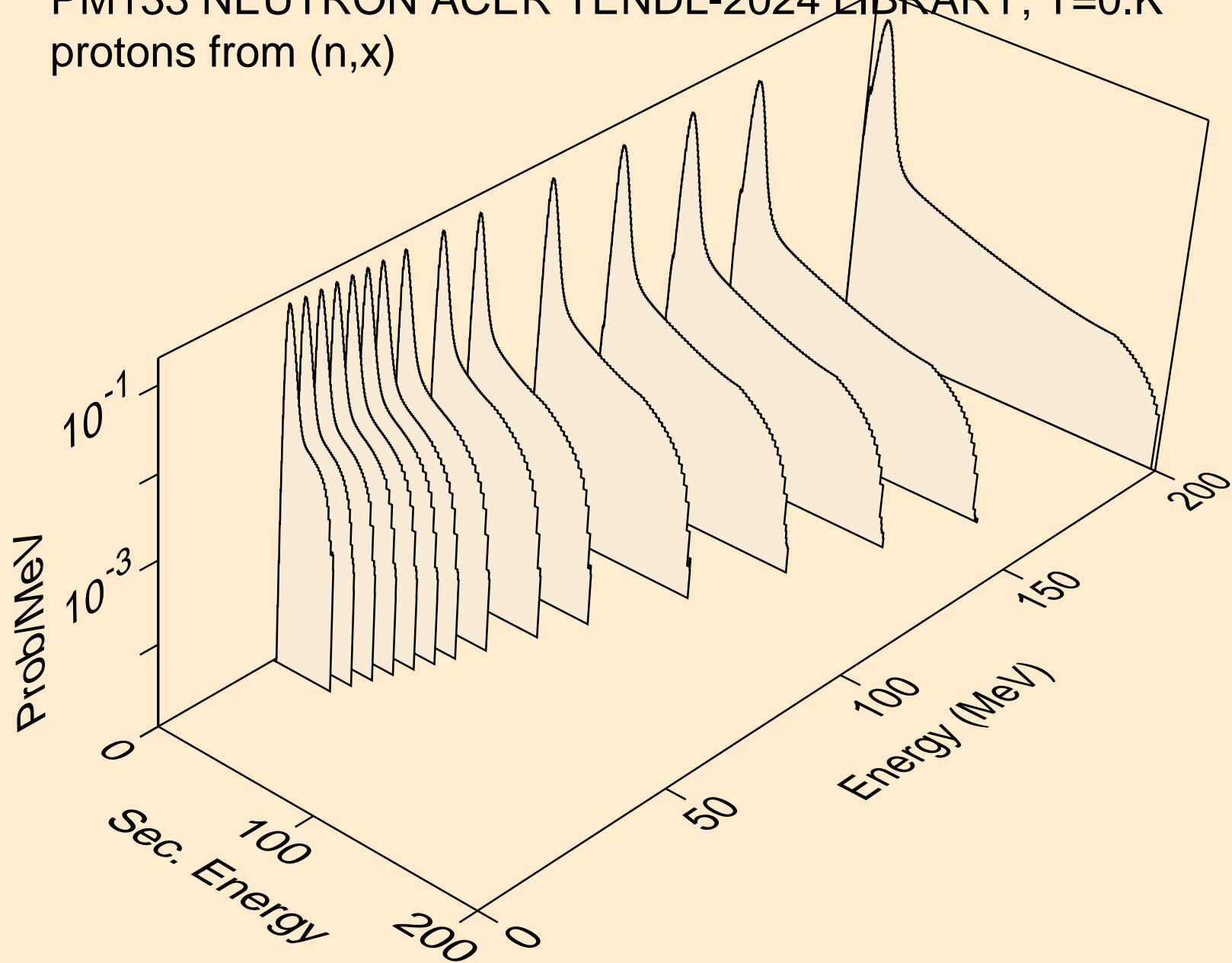


# PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

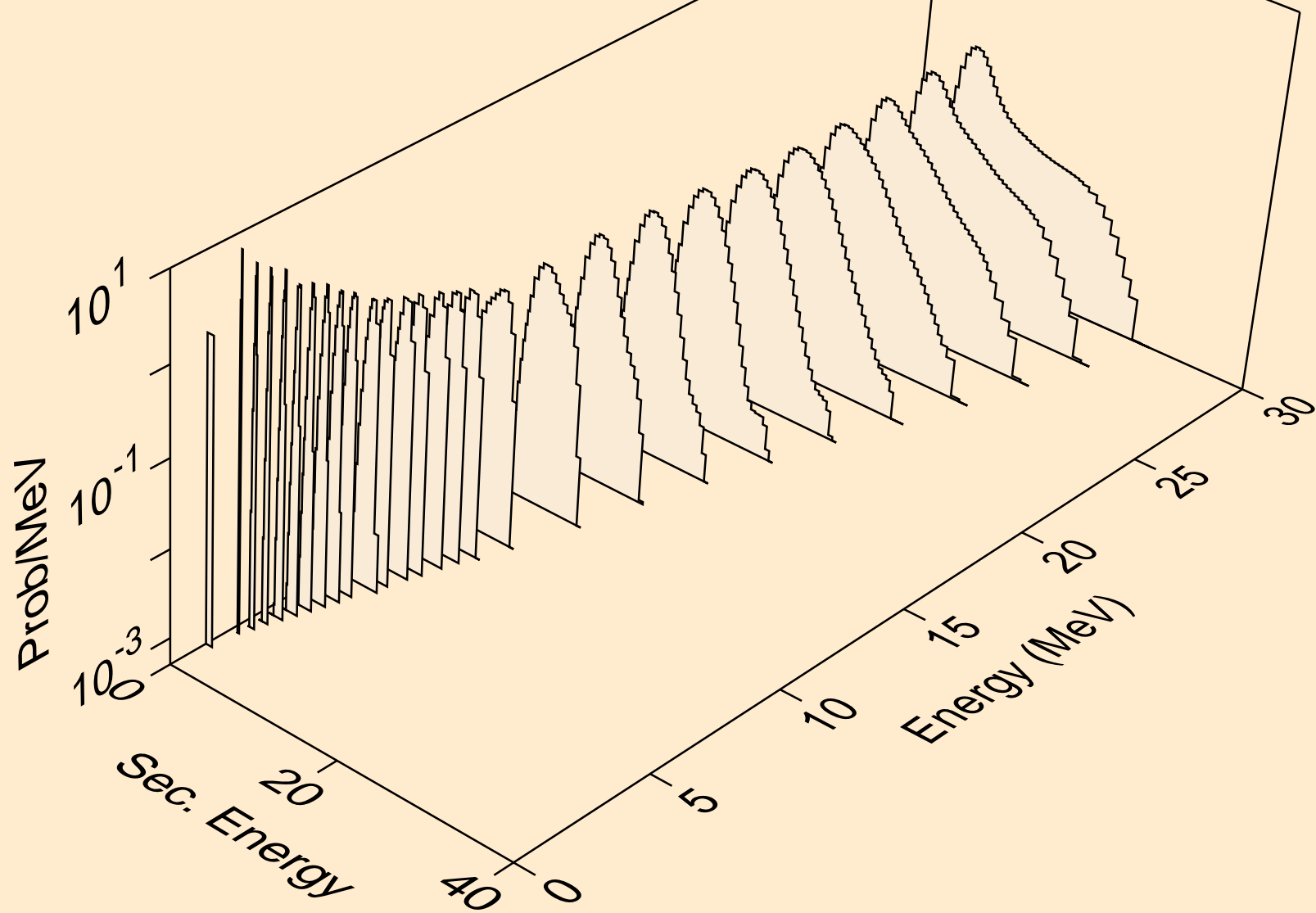
## Particle production cross sections



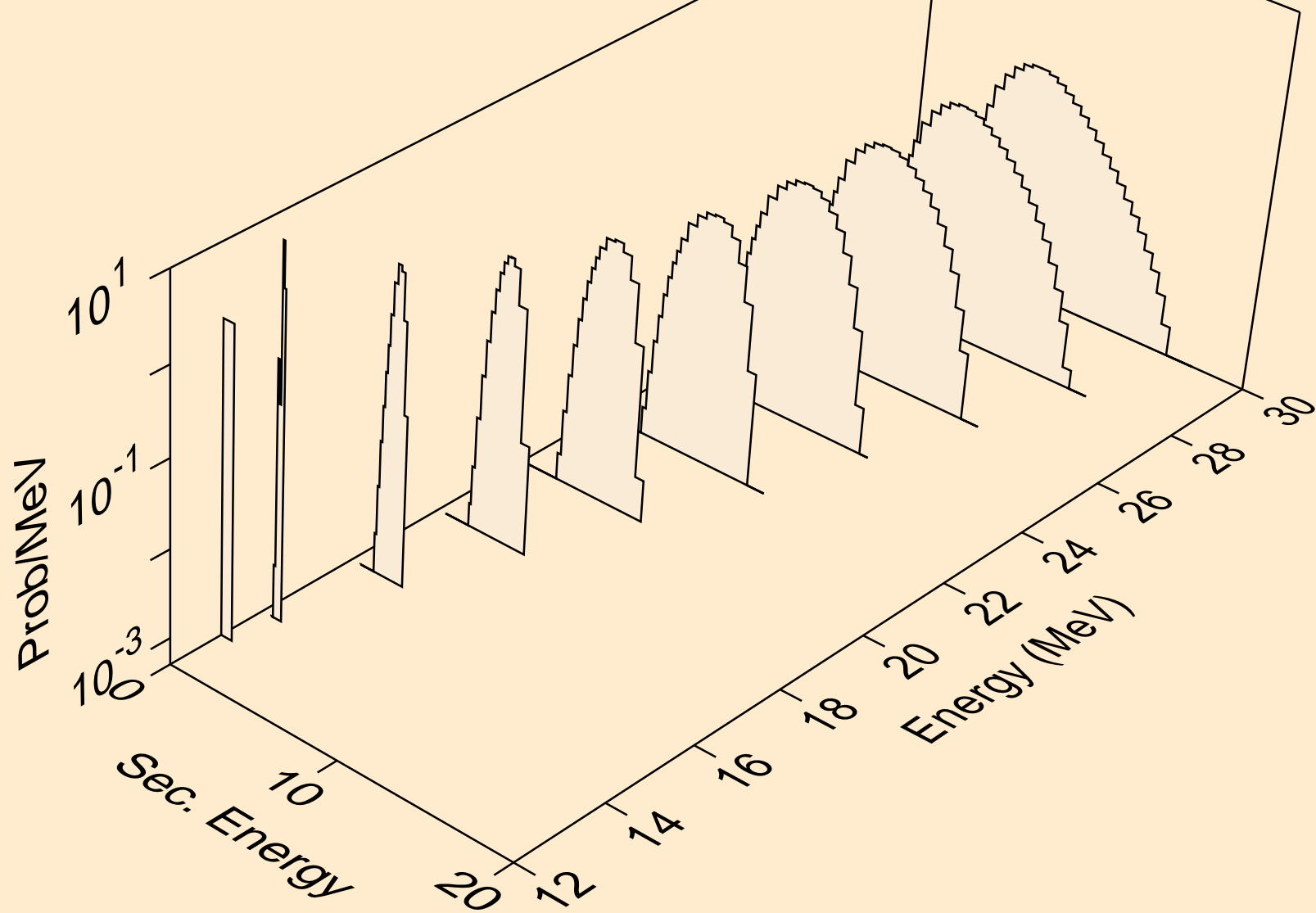
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



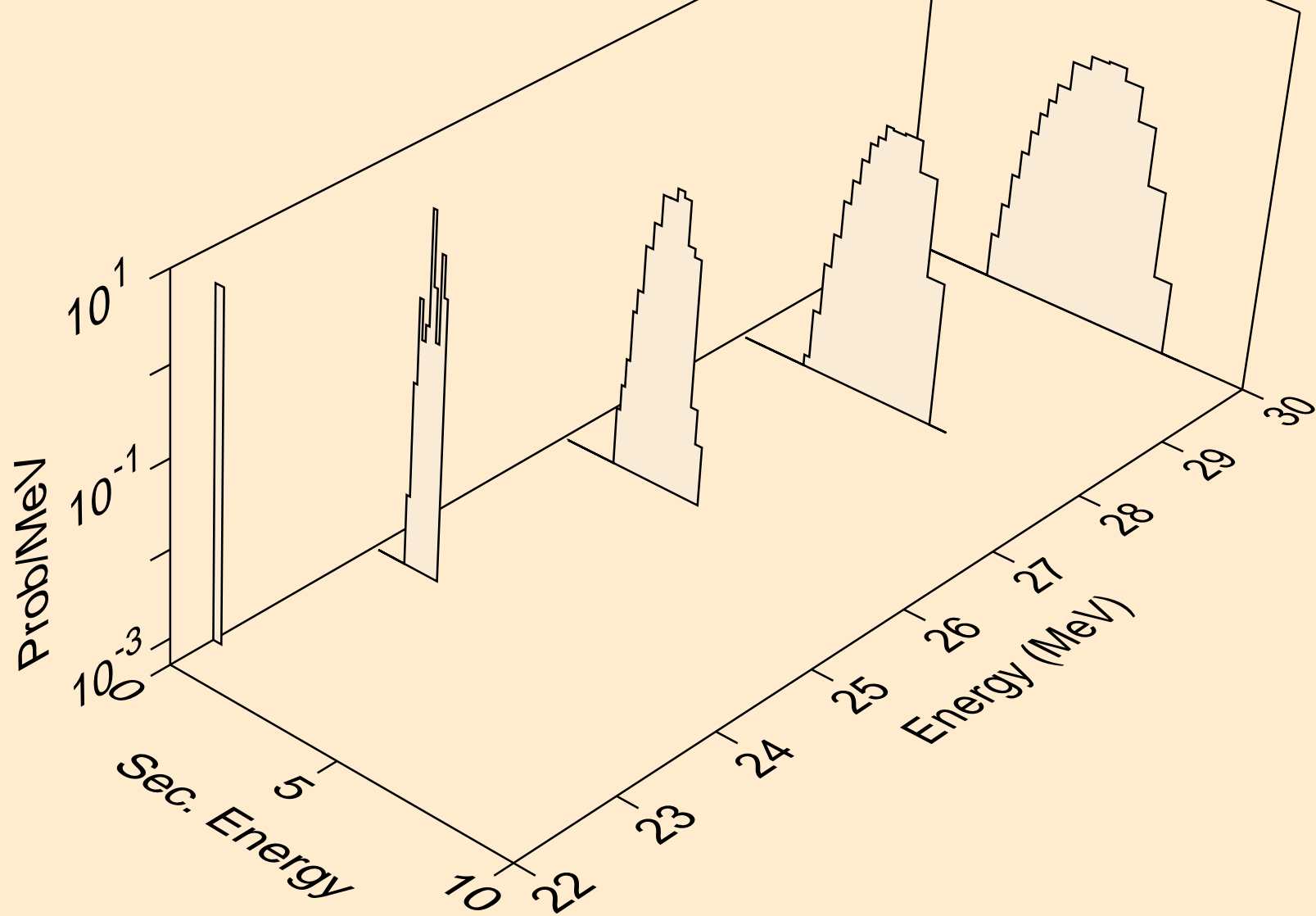
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

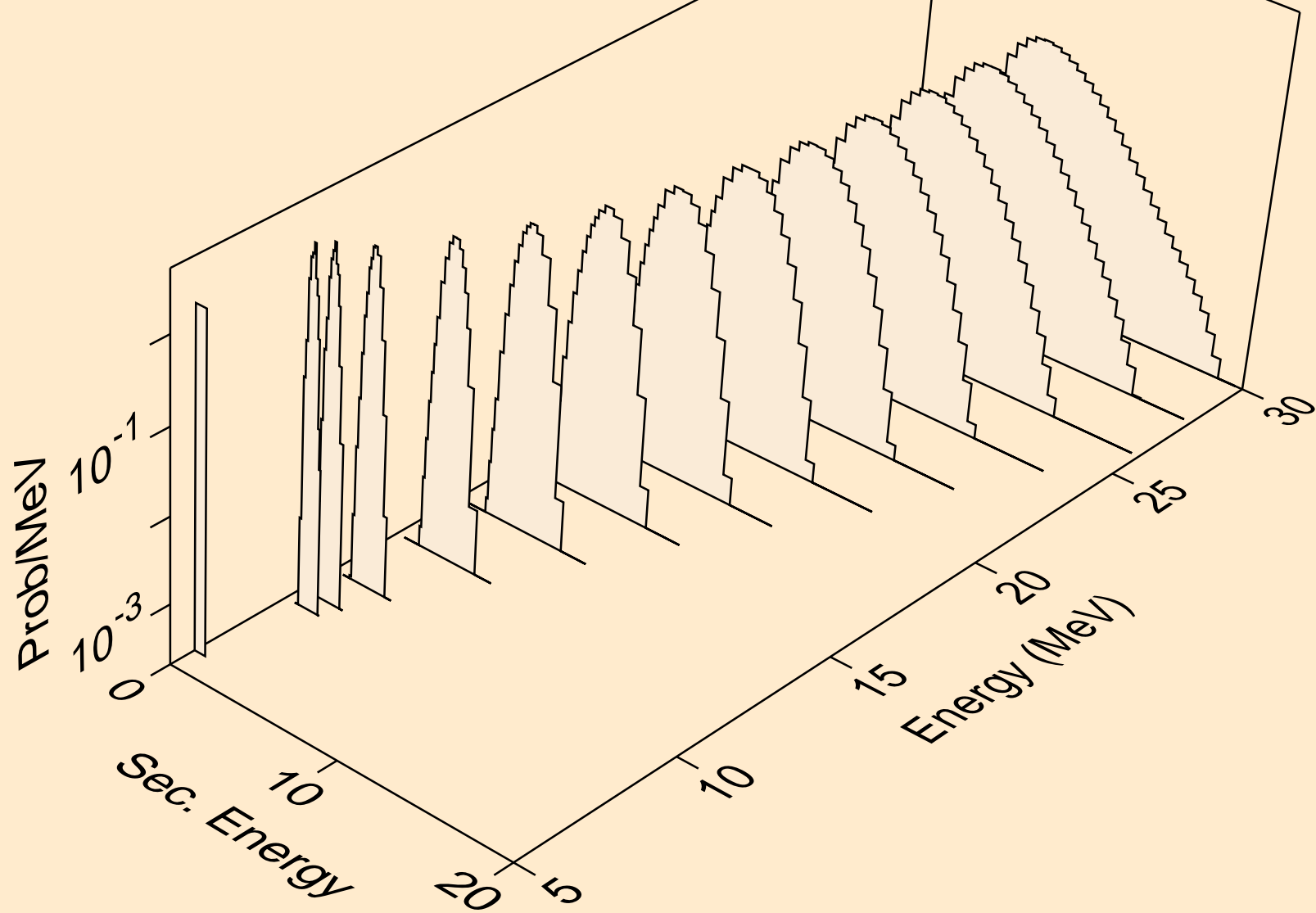


PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)

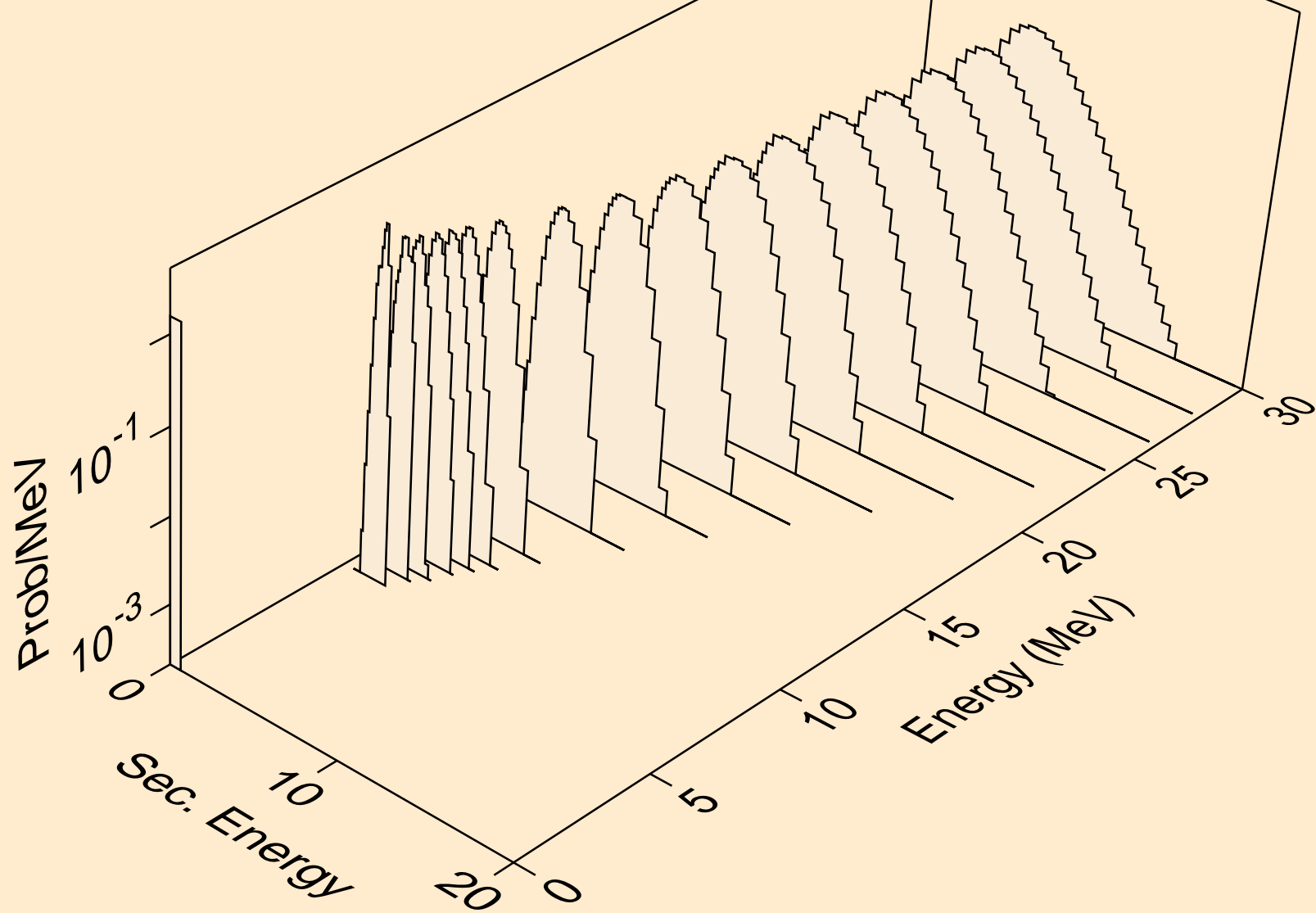




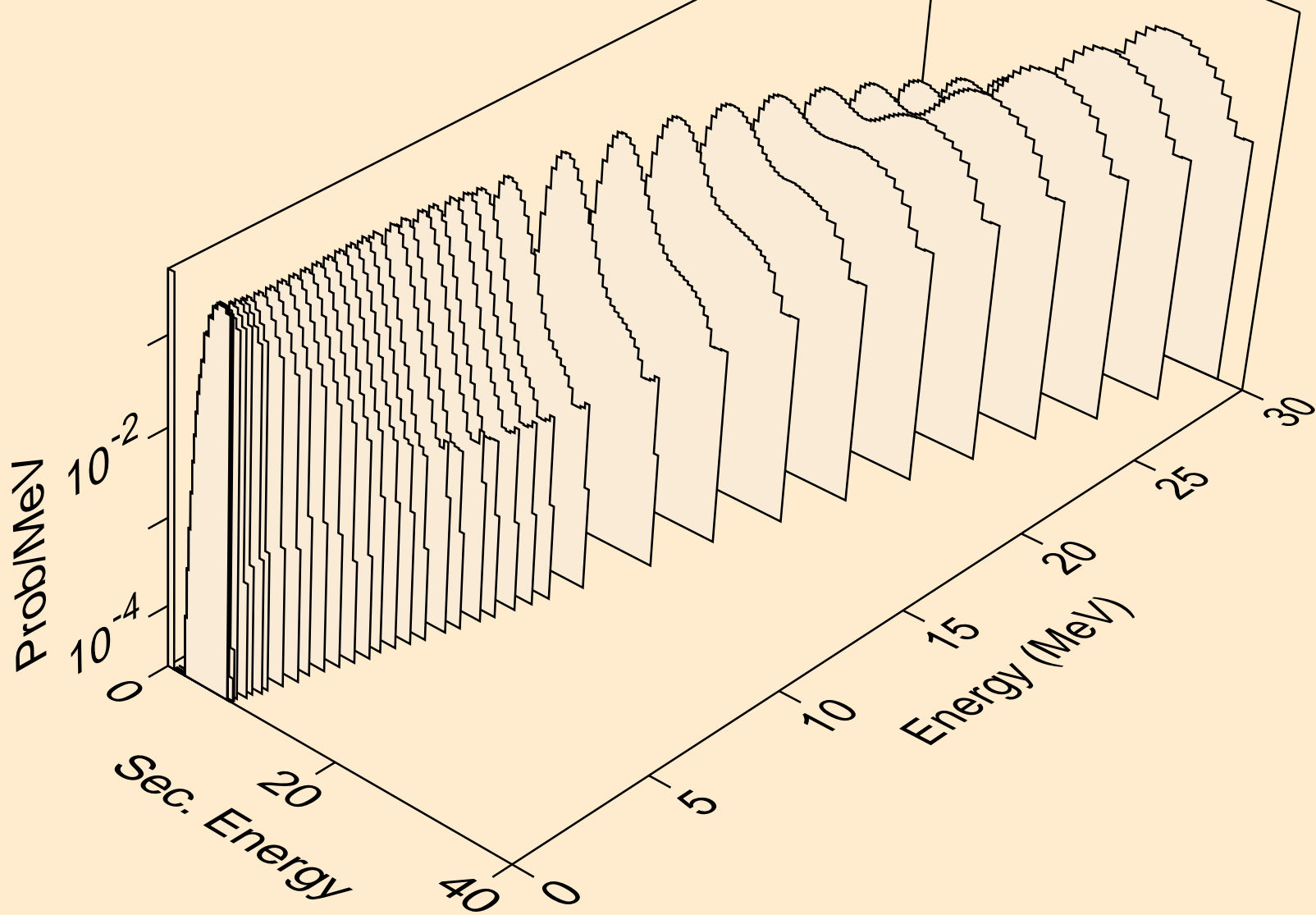
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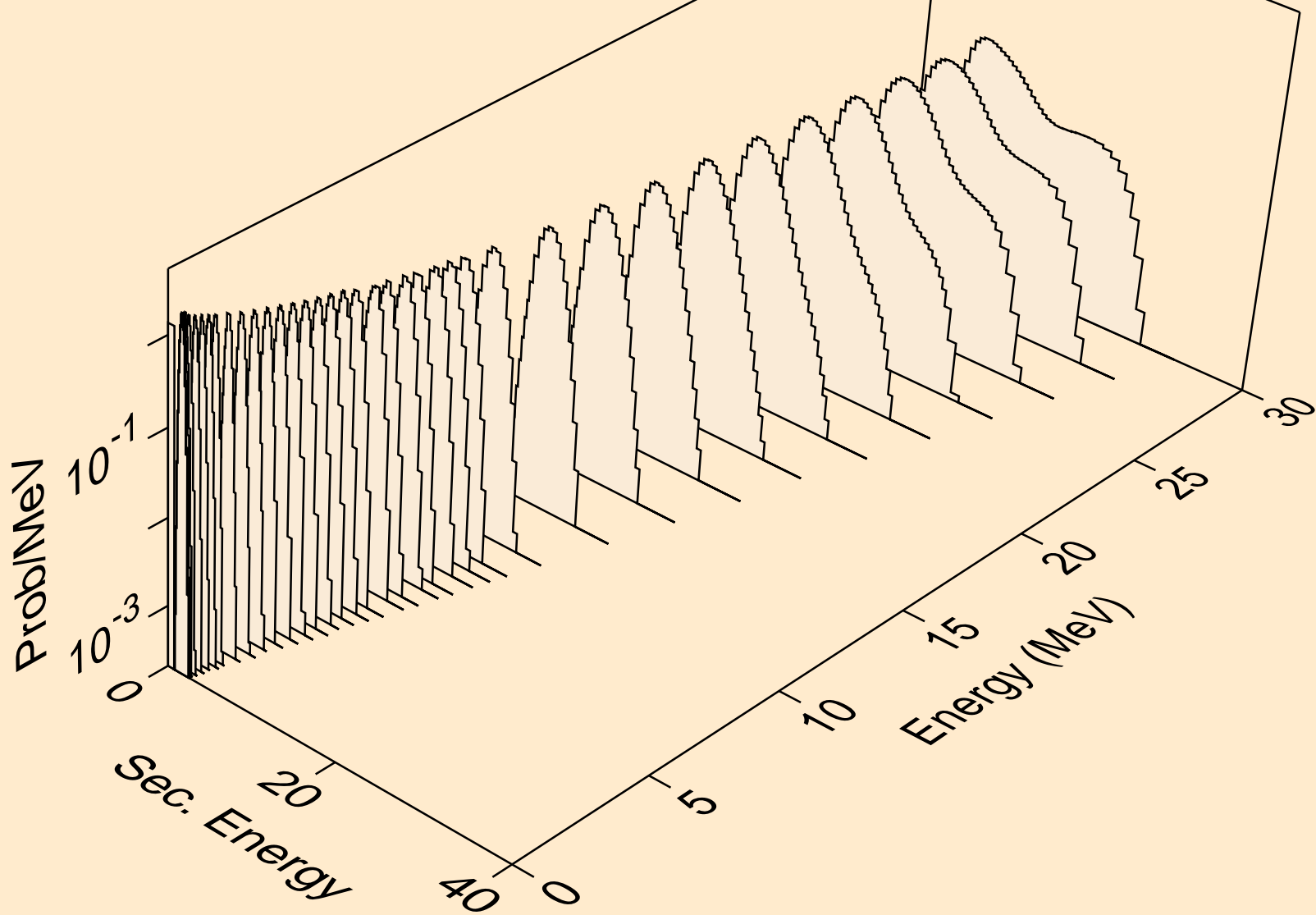
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protons from (n,npa)



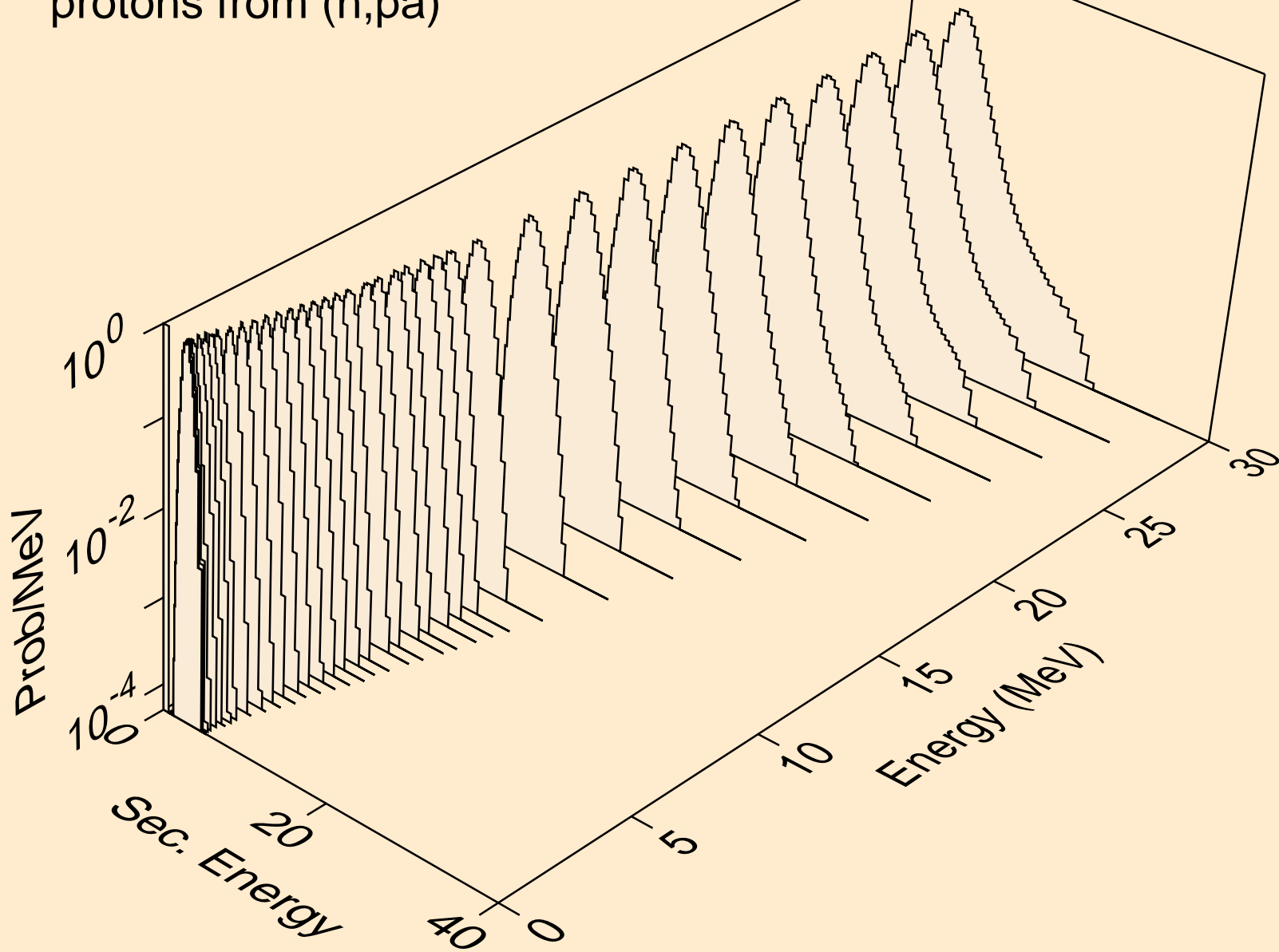
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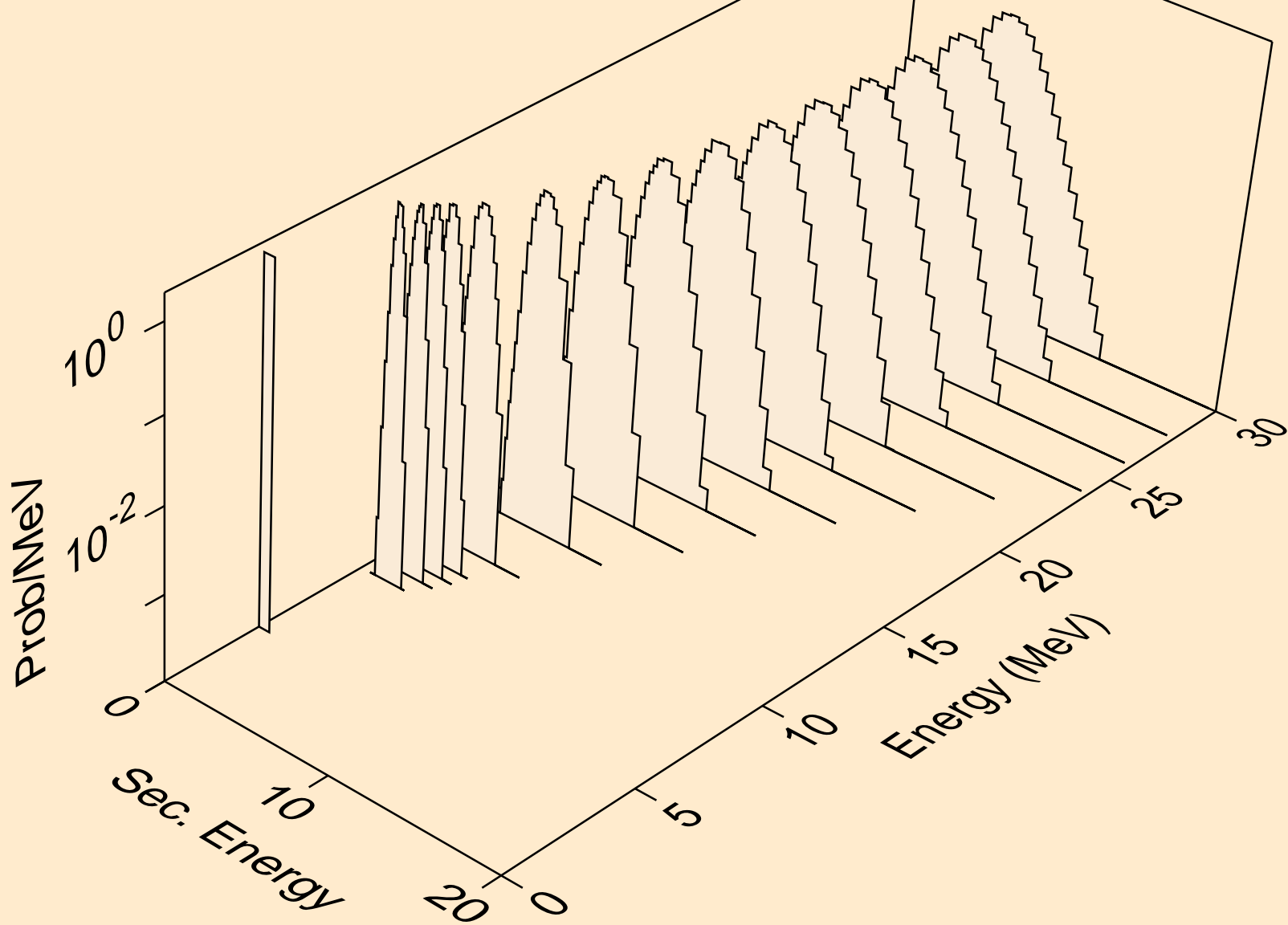
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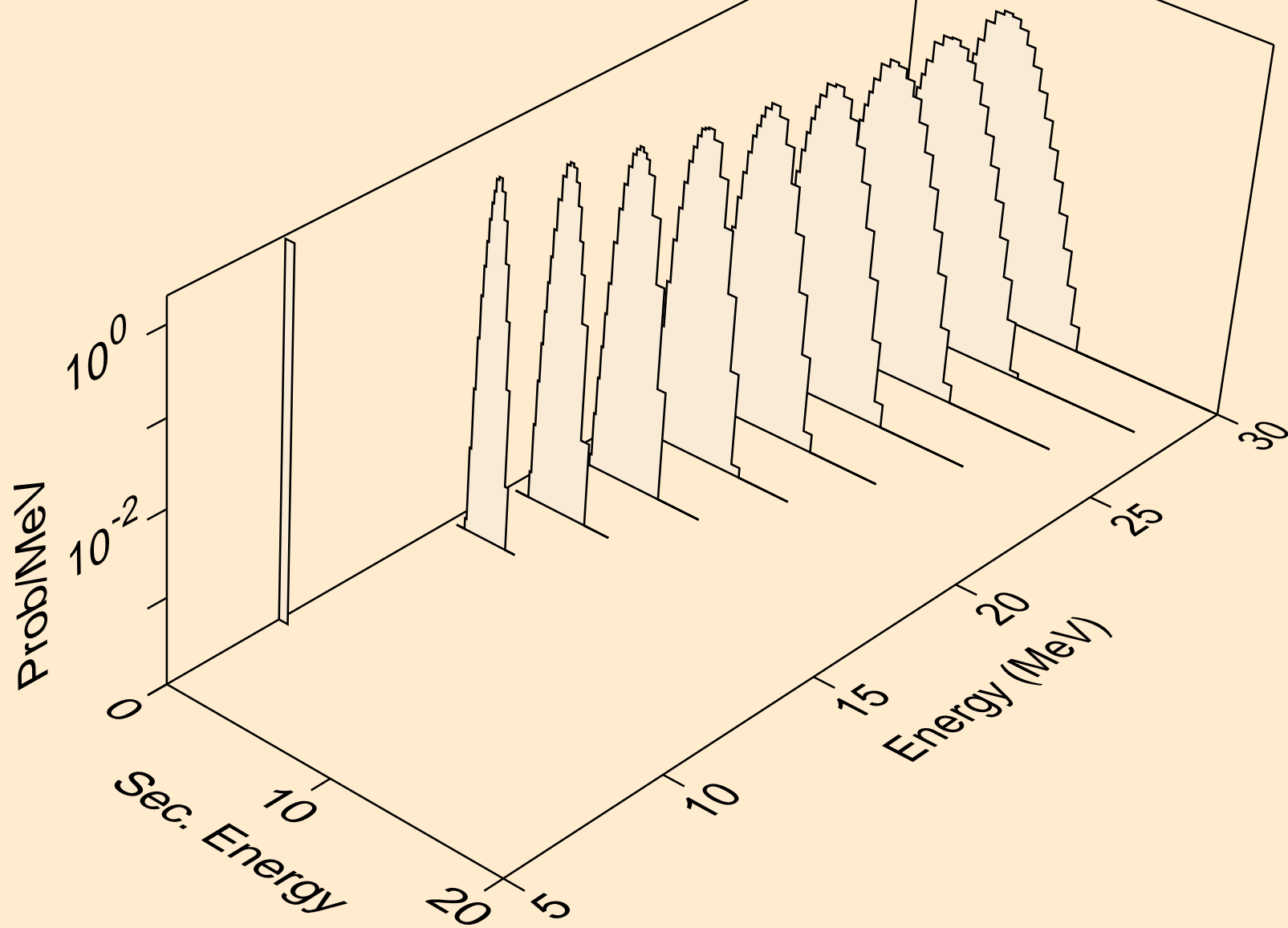
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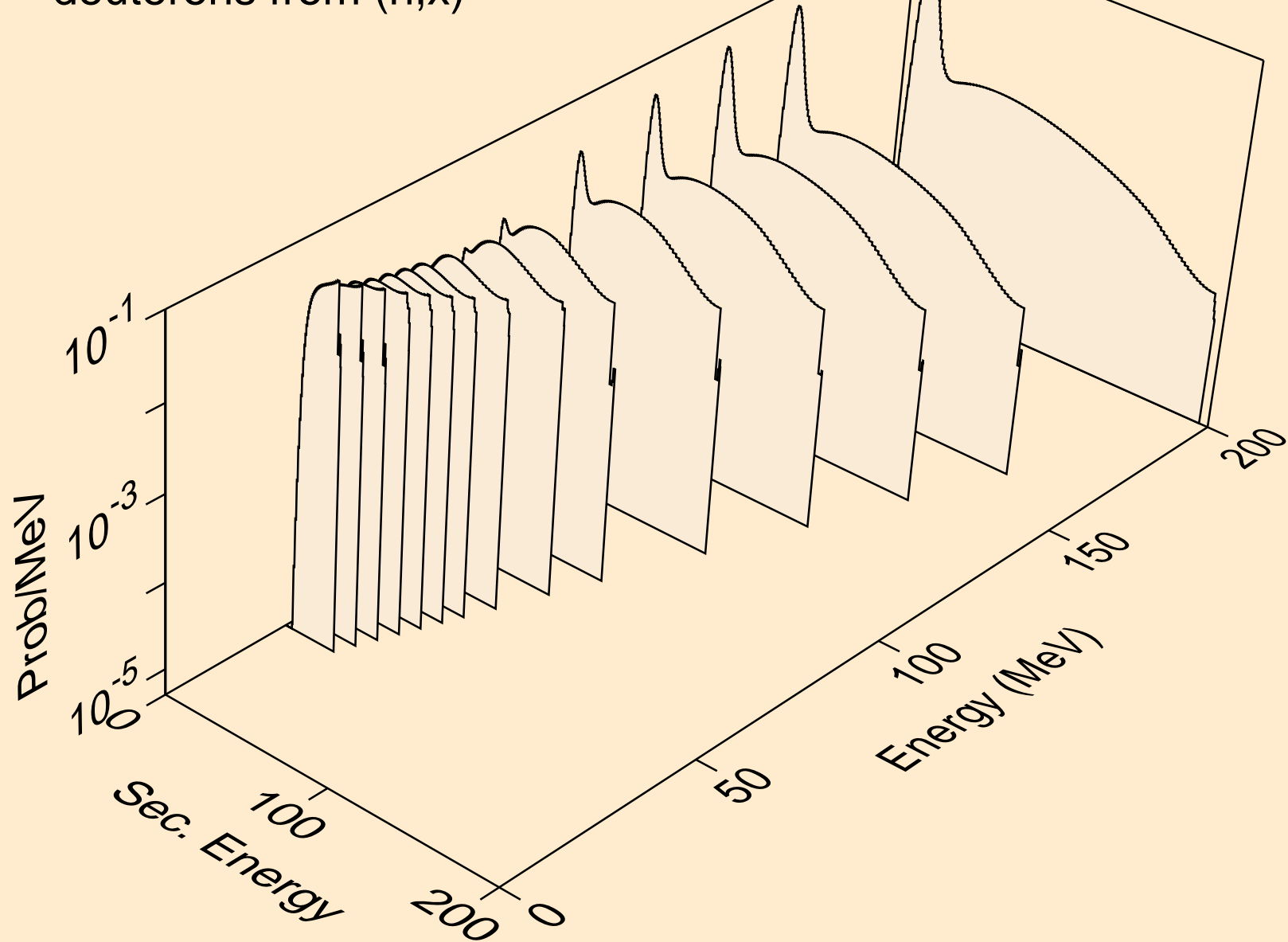
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

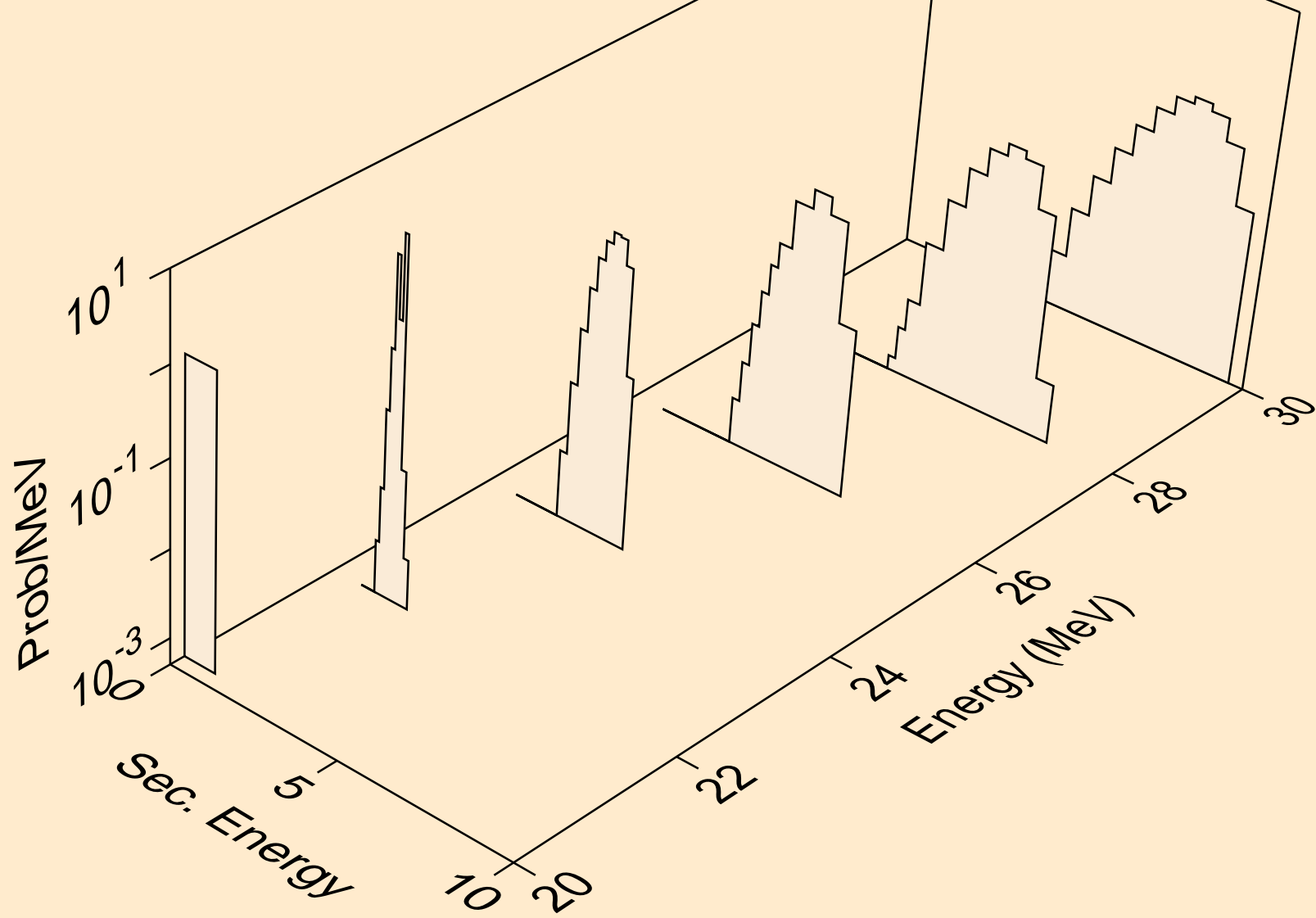


PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

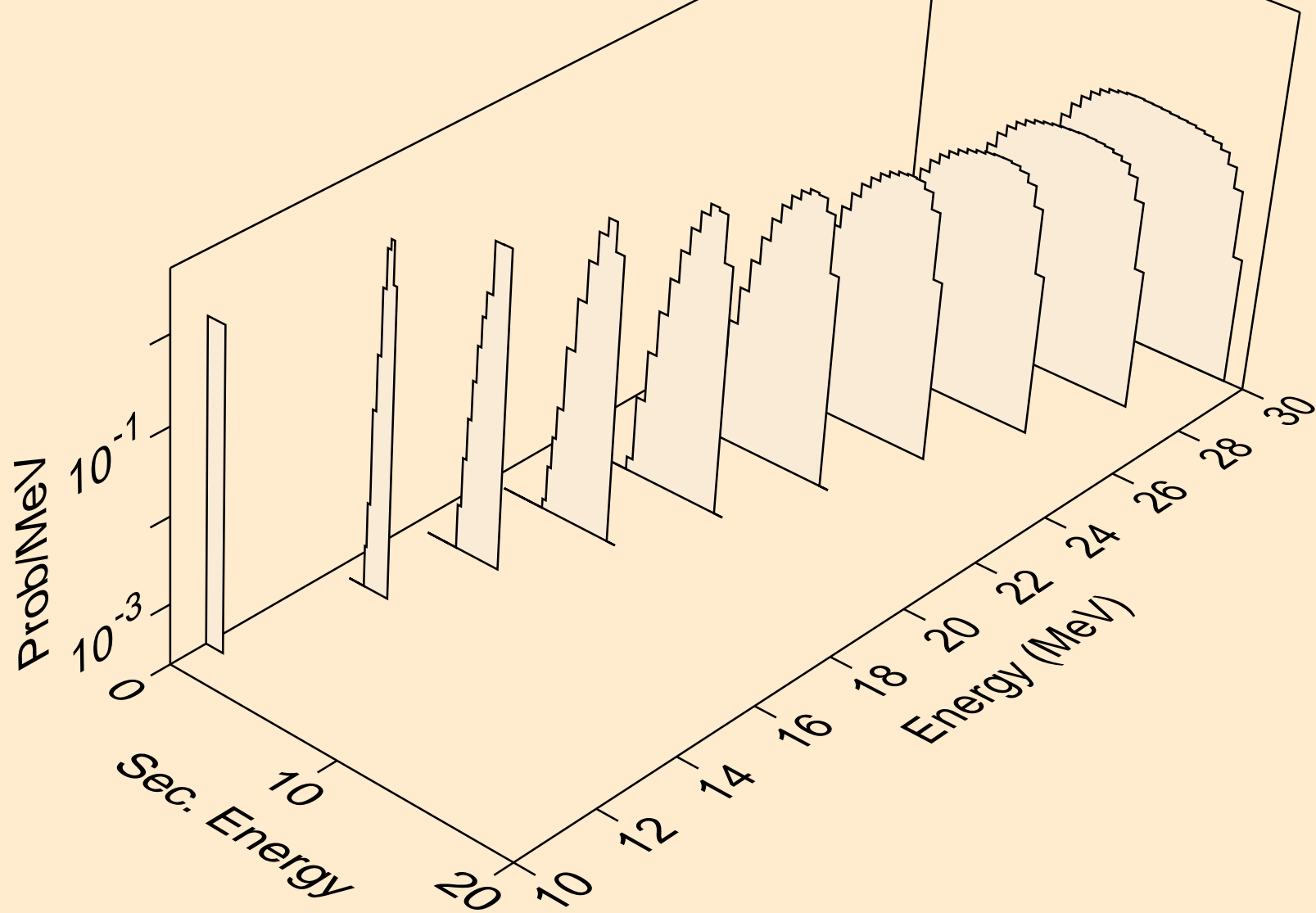




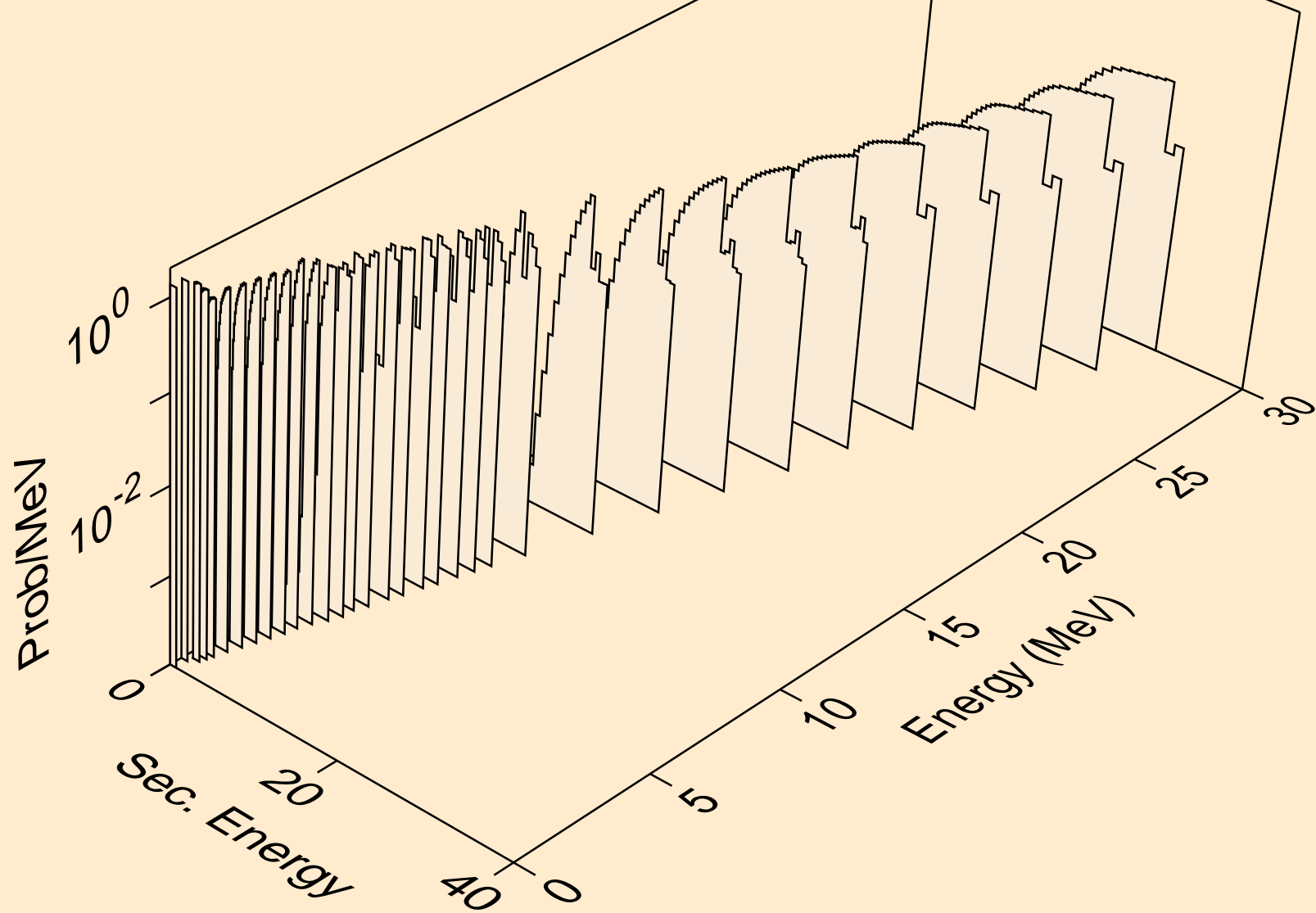
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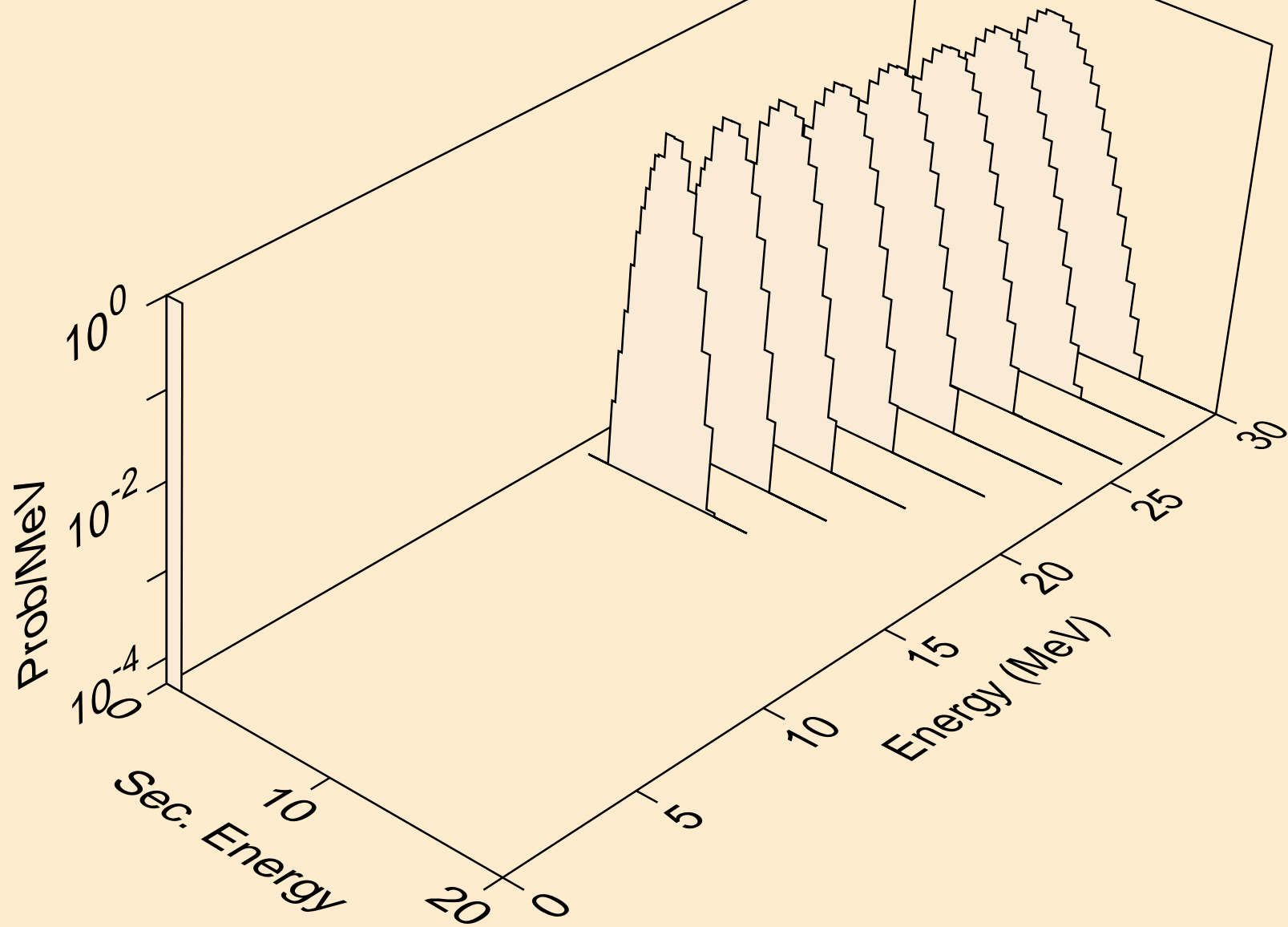
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



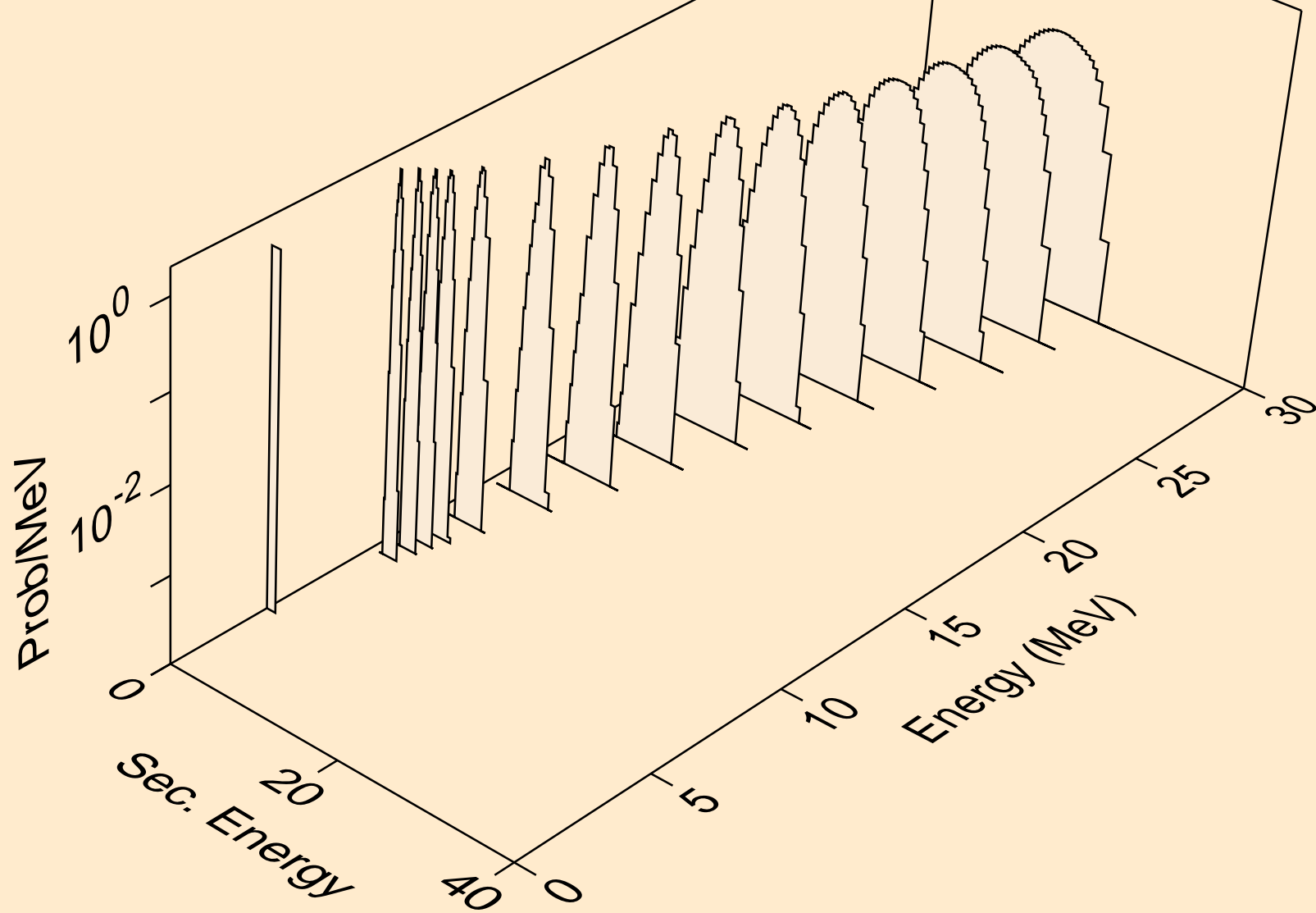
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deuterons from (n,d)



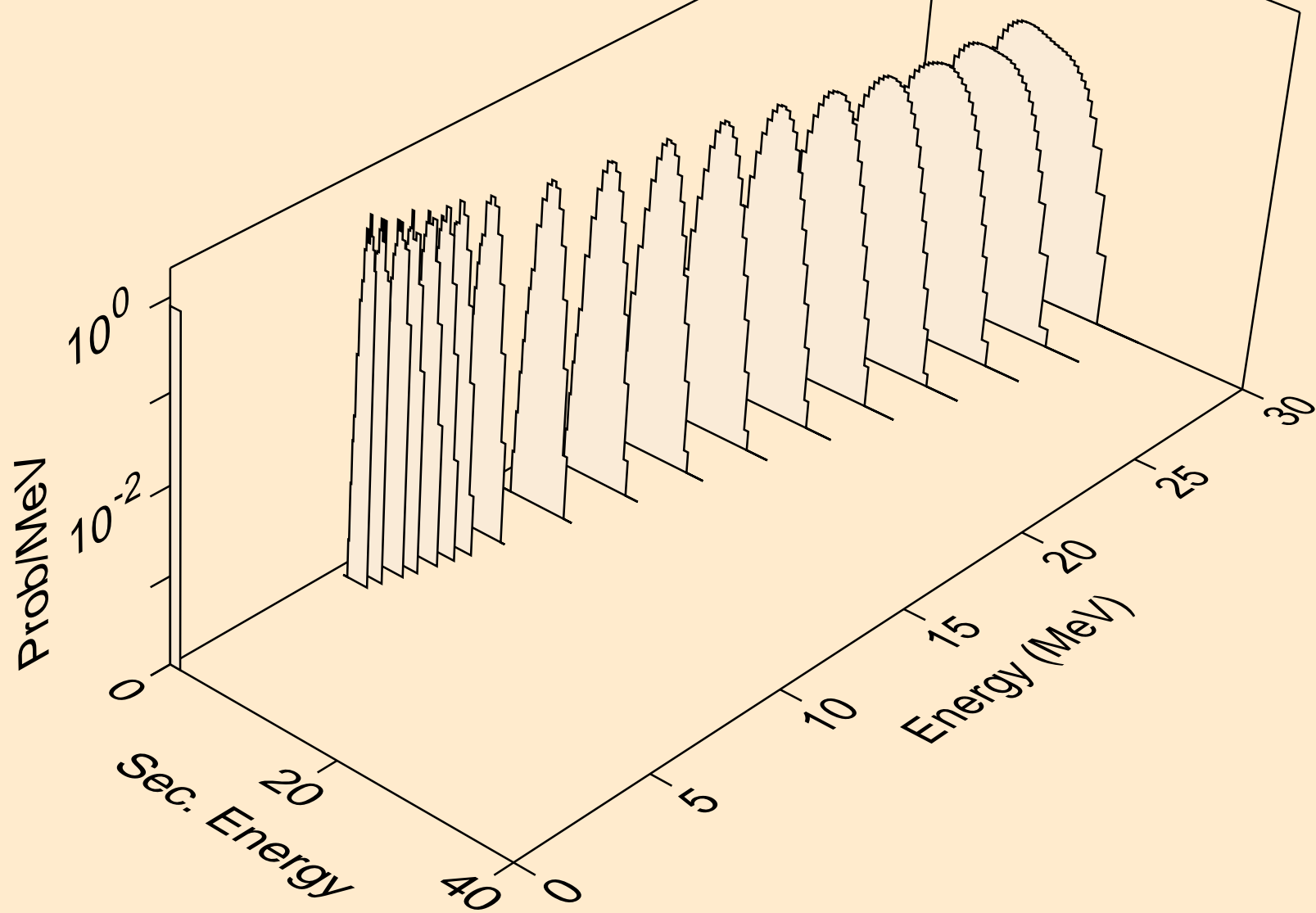
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d2a)



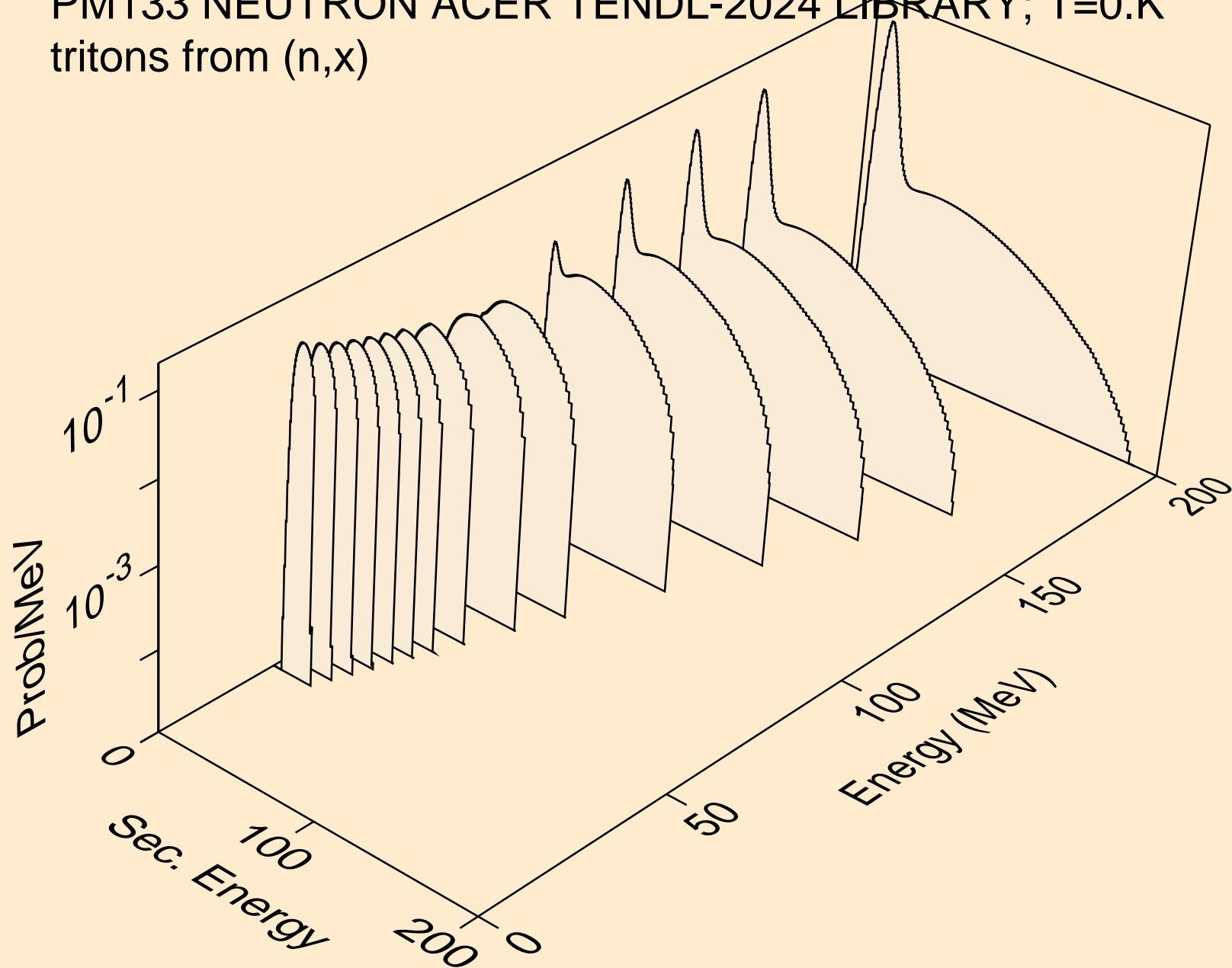
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deuterons from (n,pd)



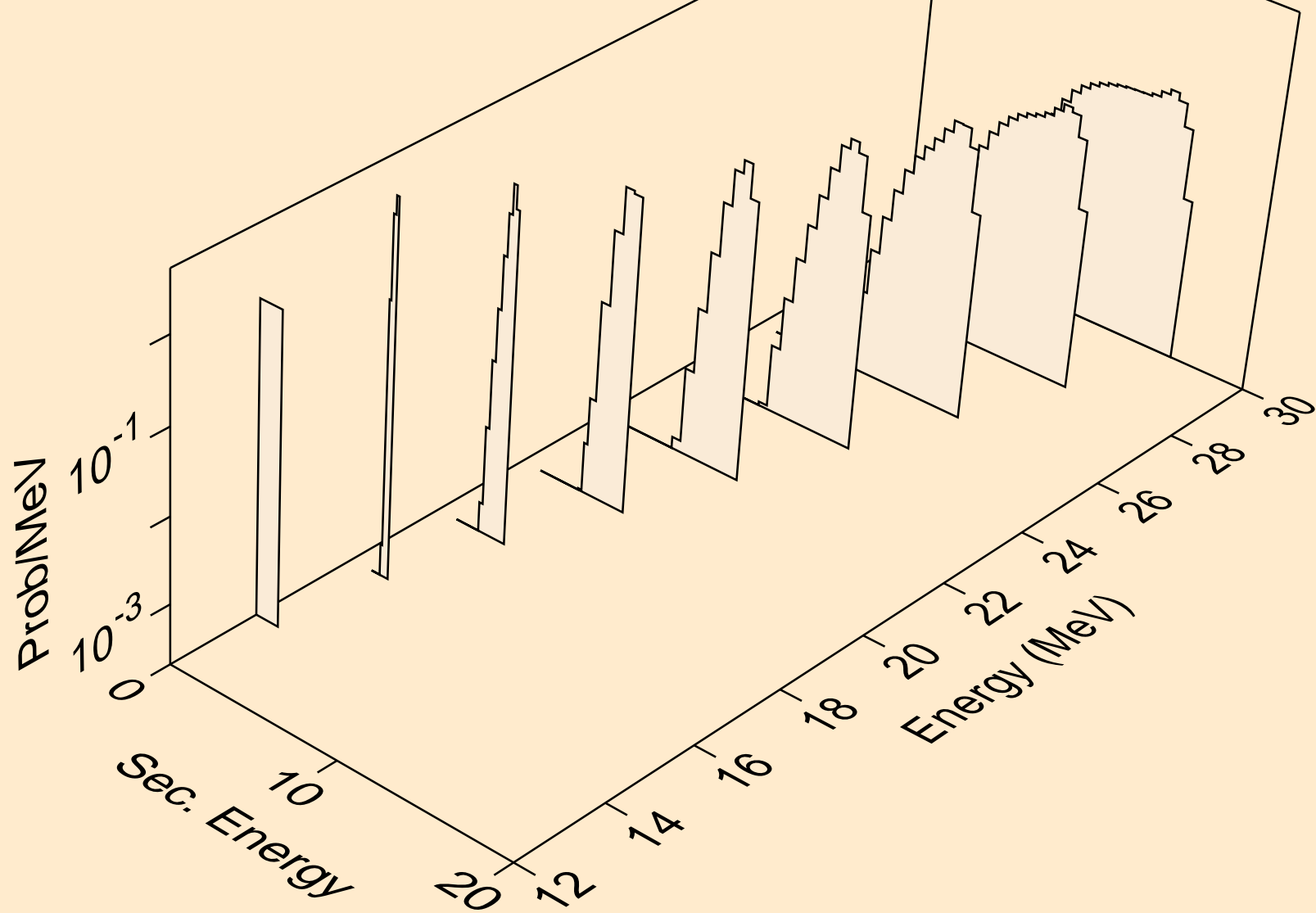
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)



PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

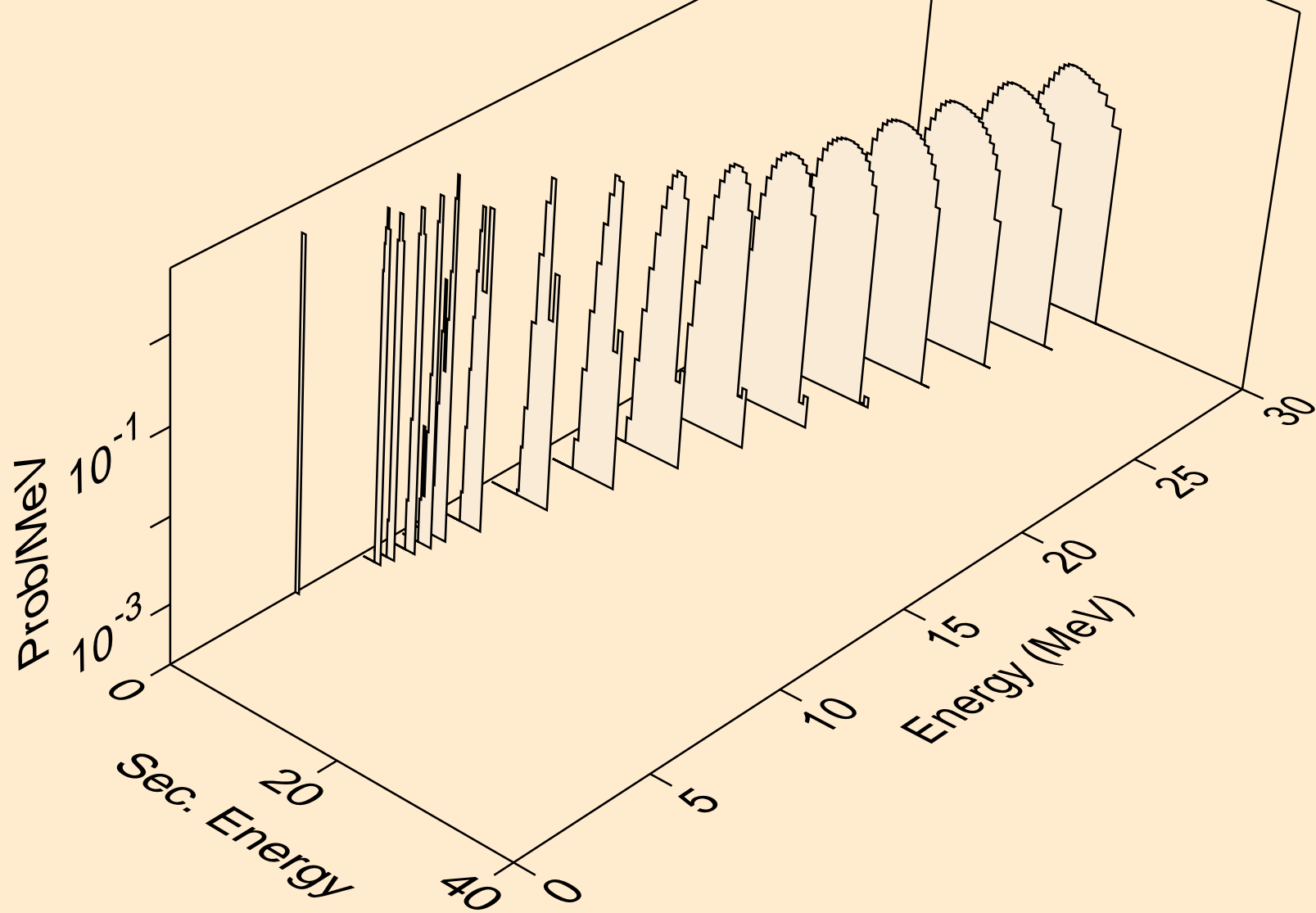


PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

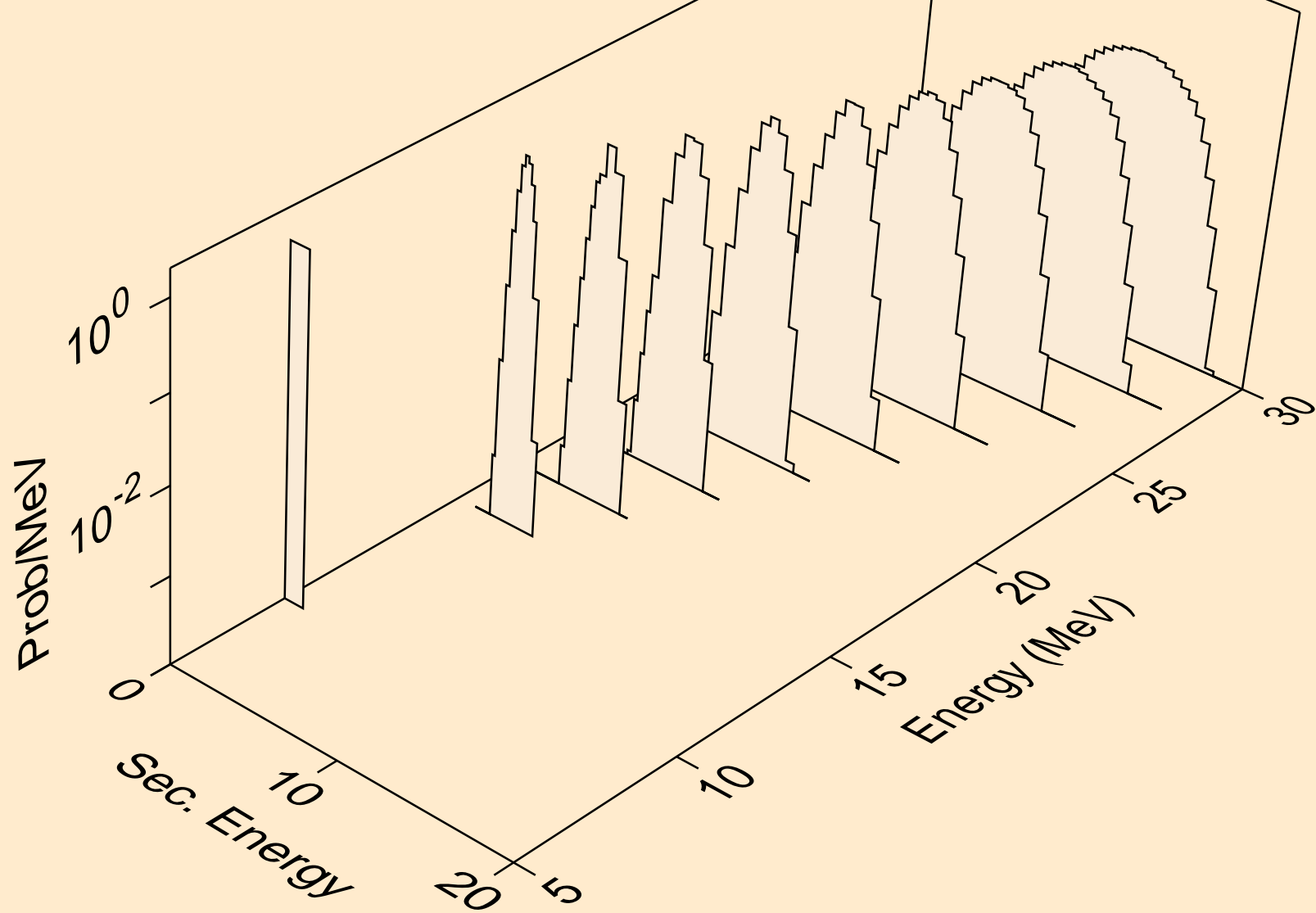




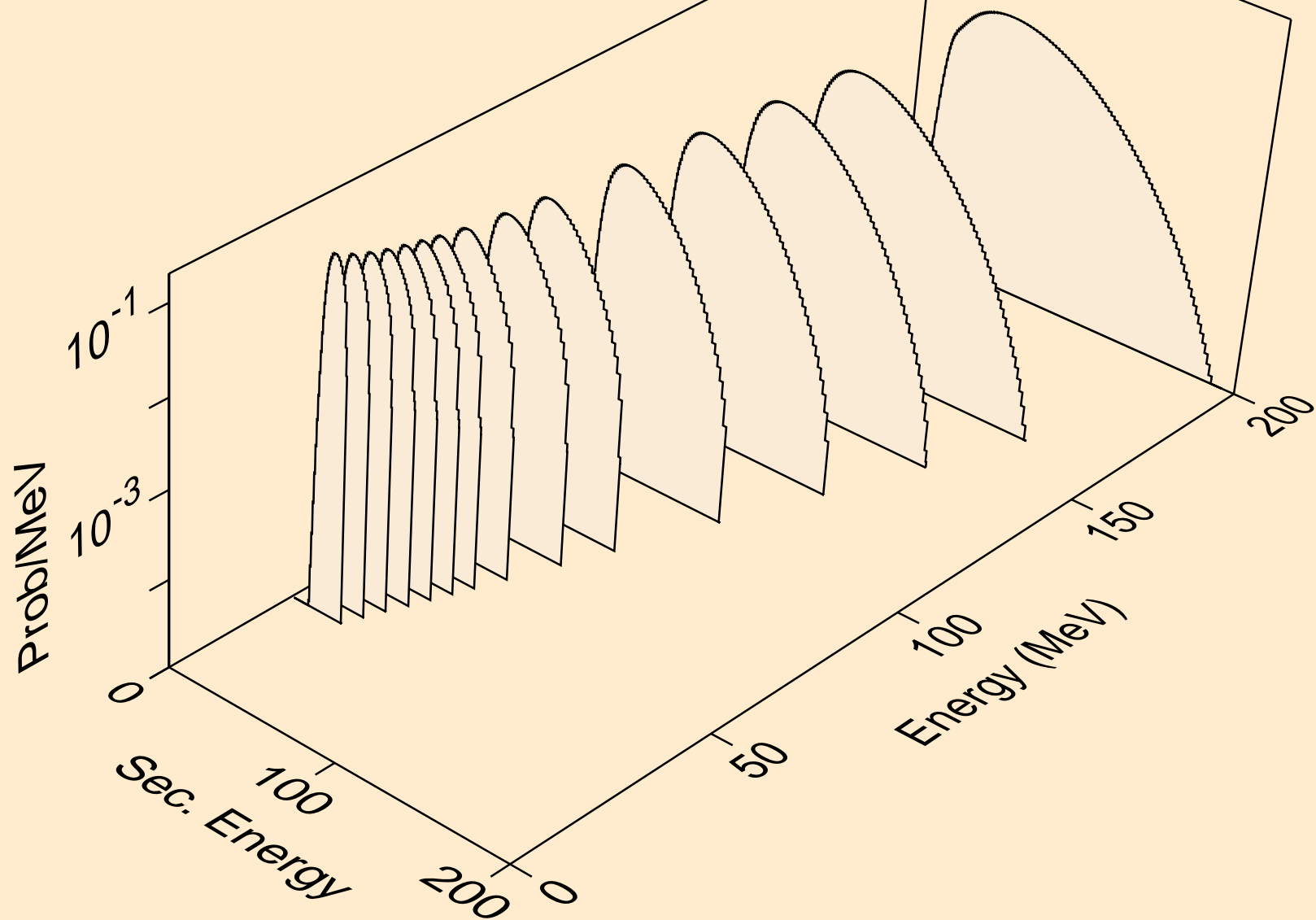
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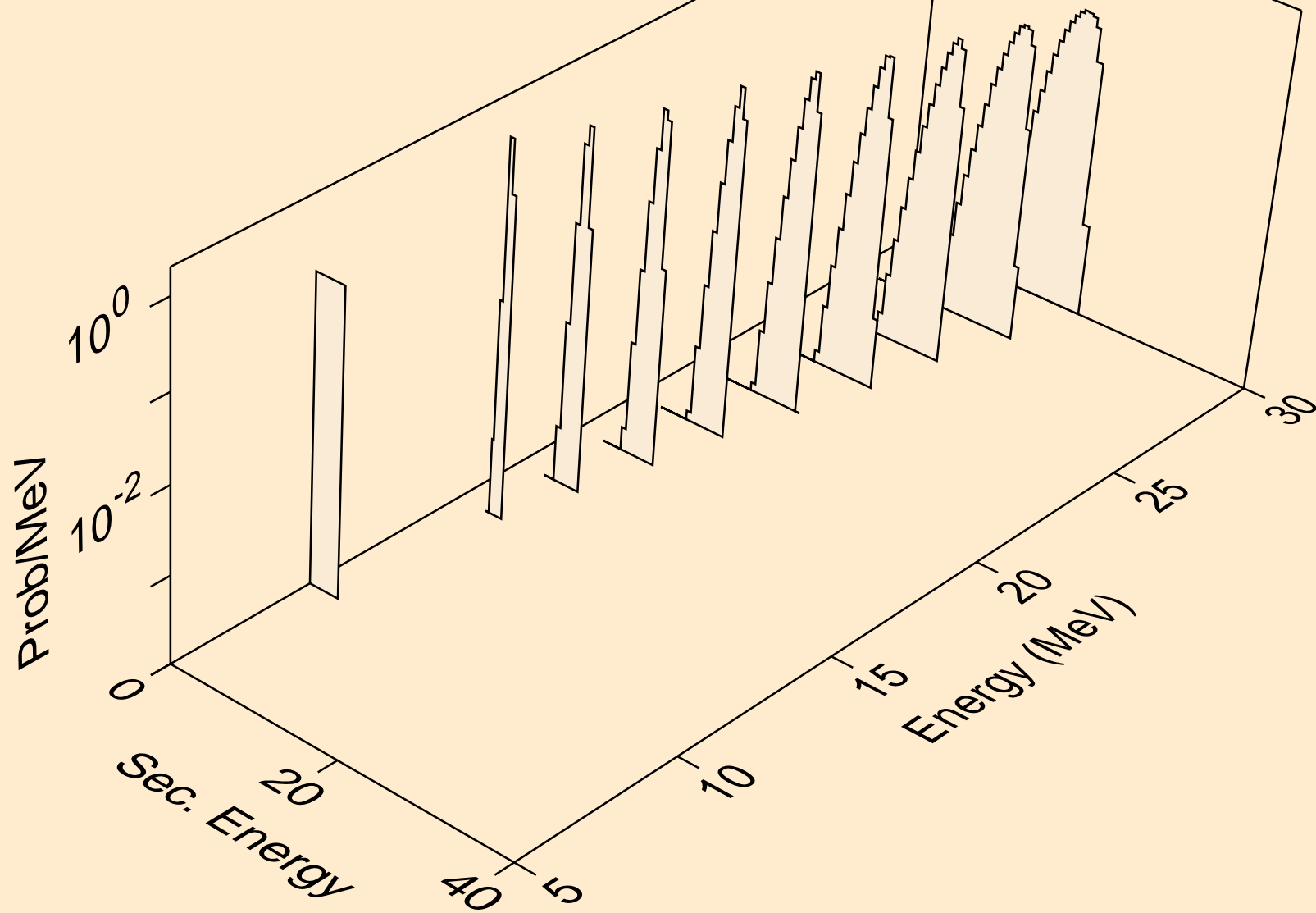
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
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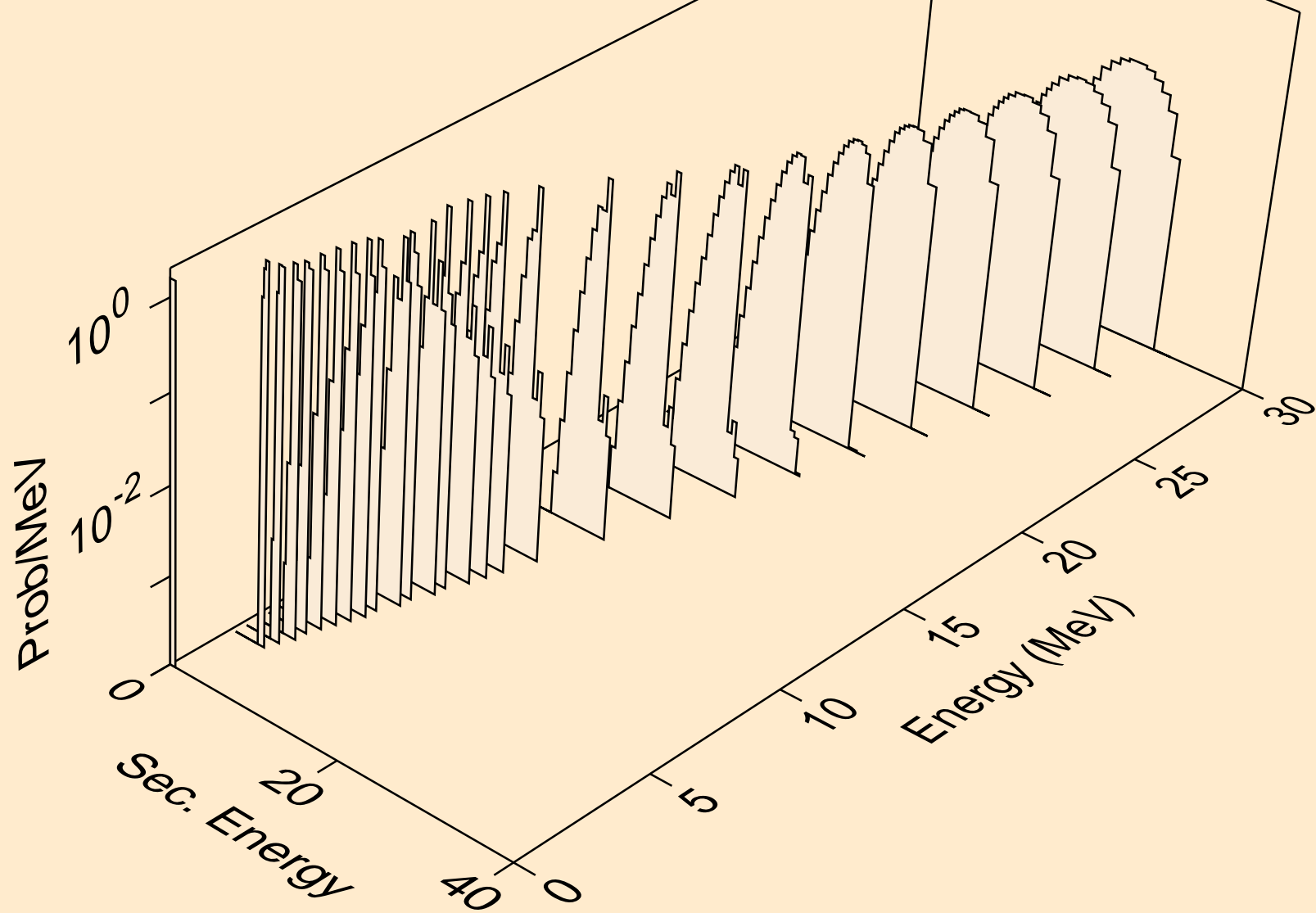
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



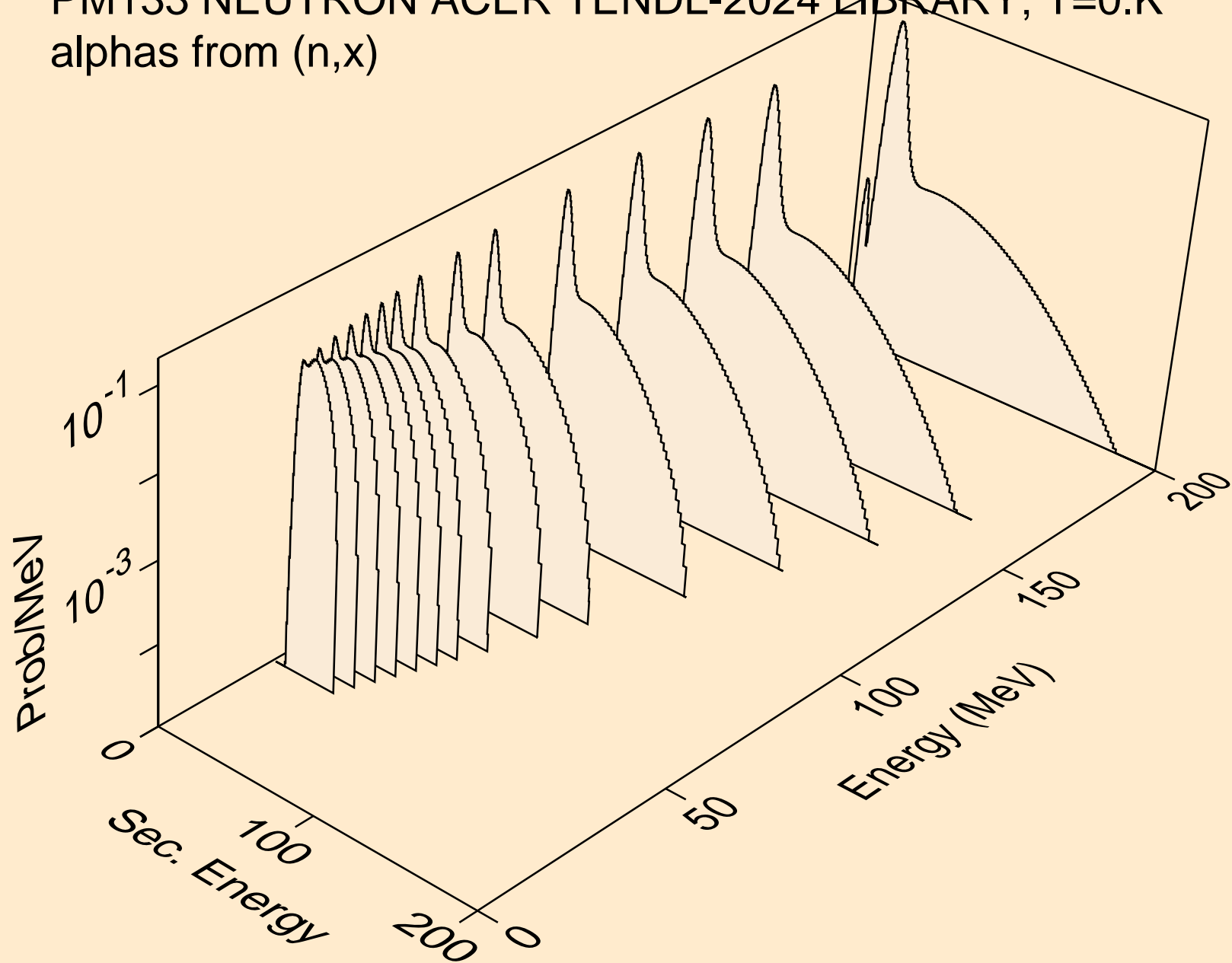
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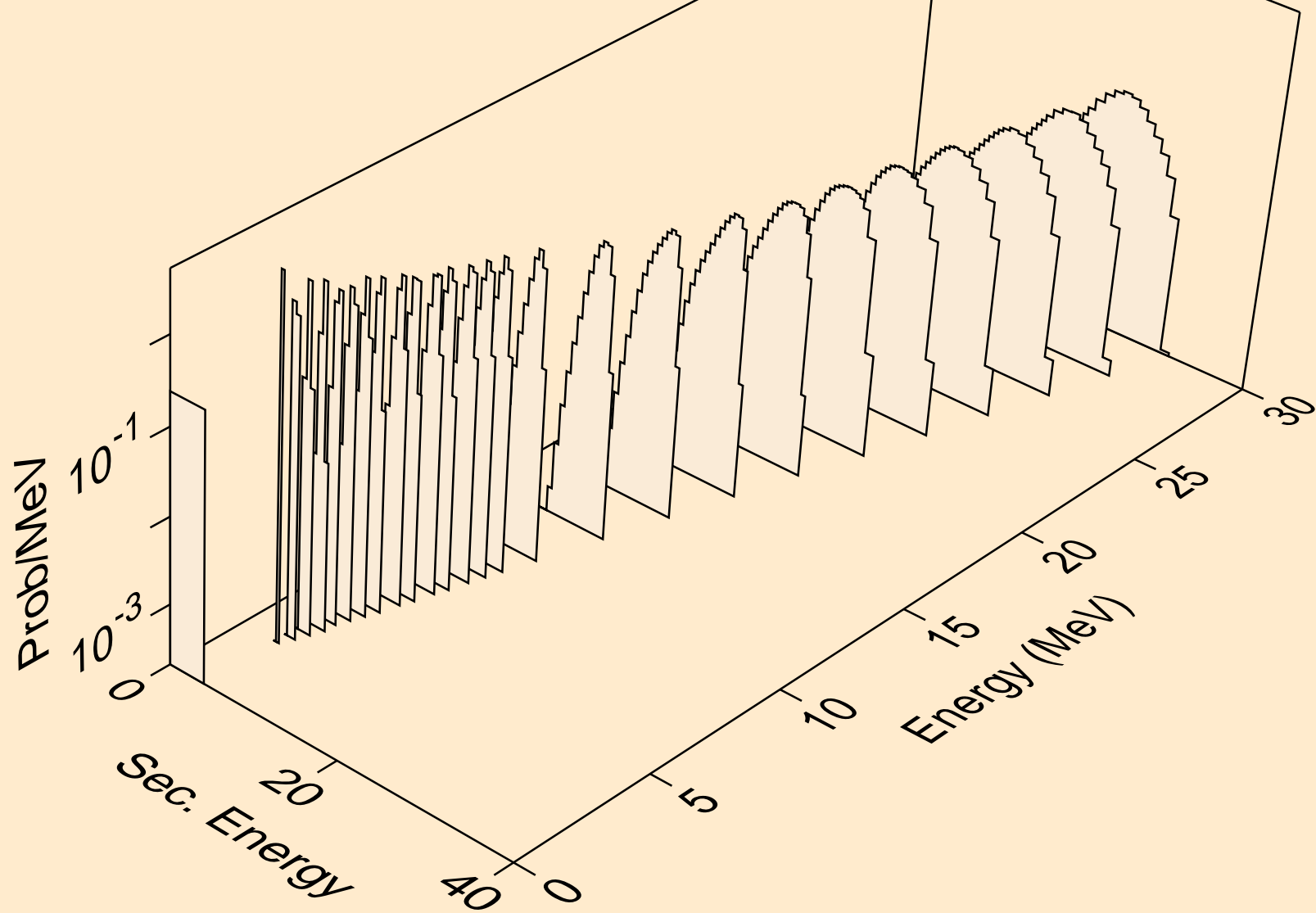
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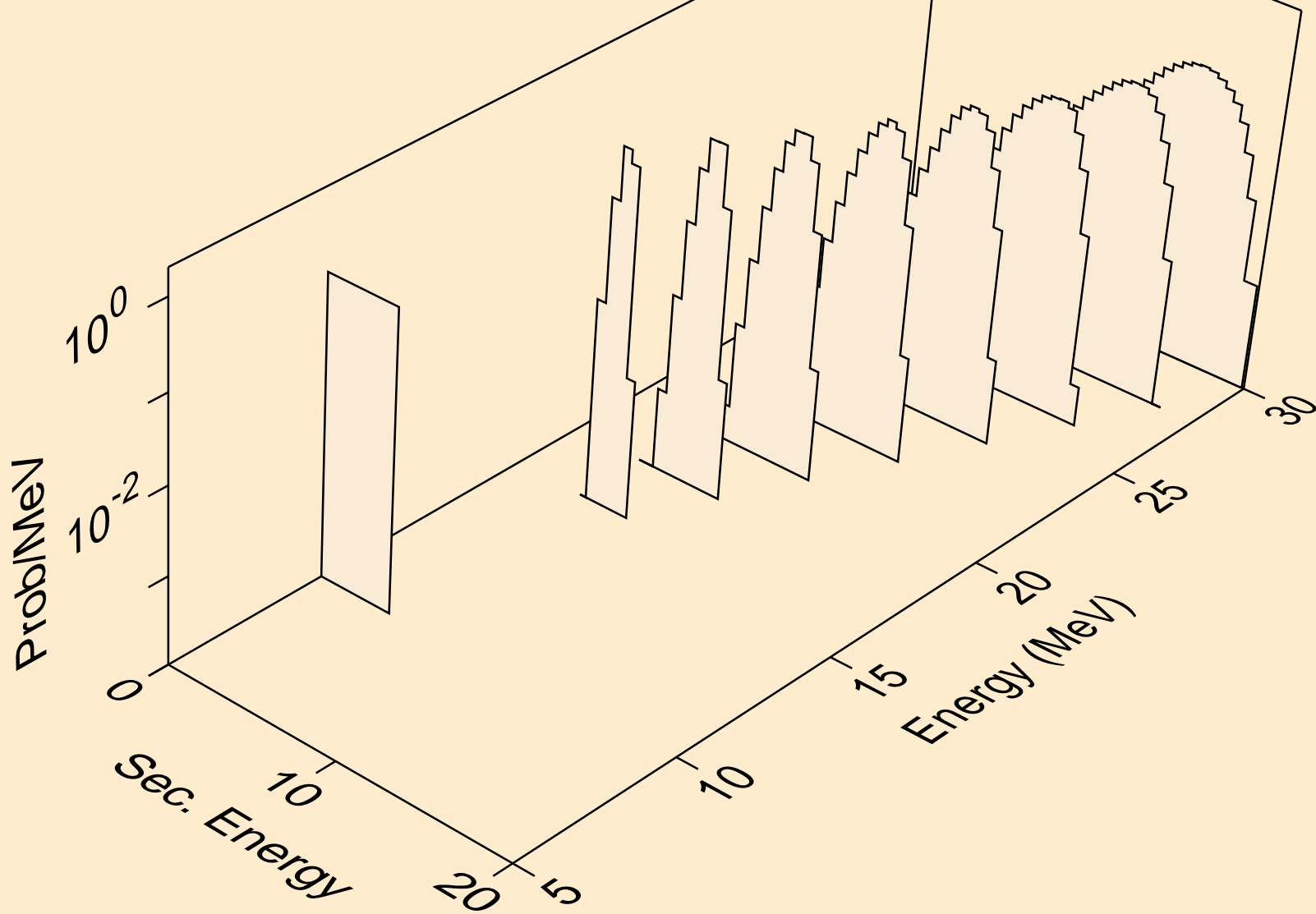
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

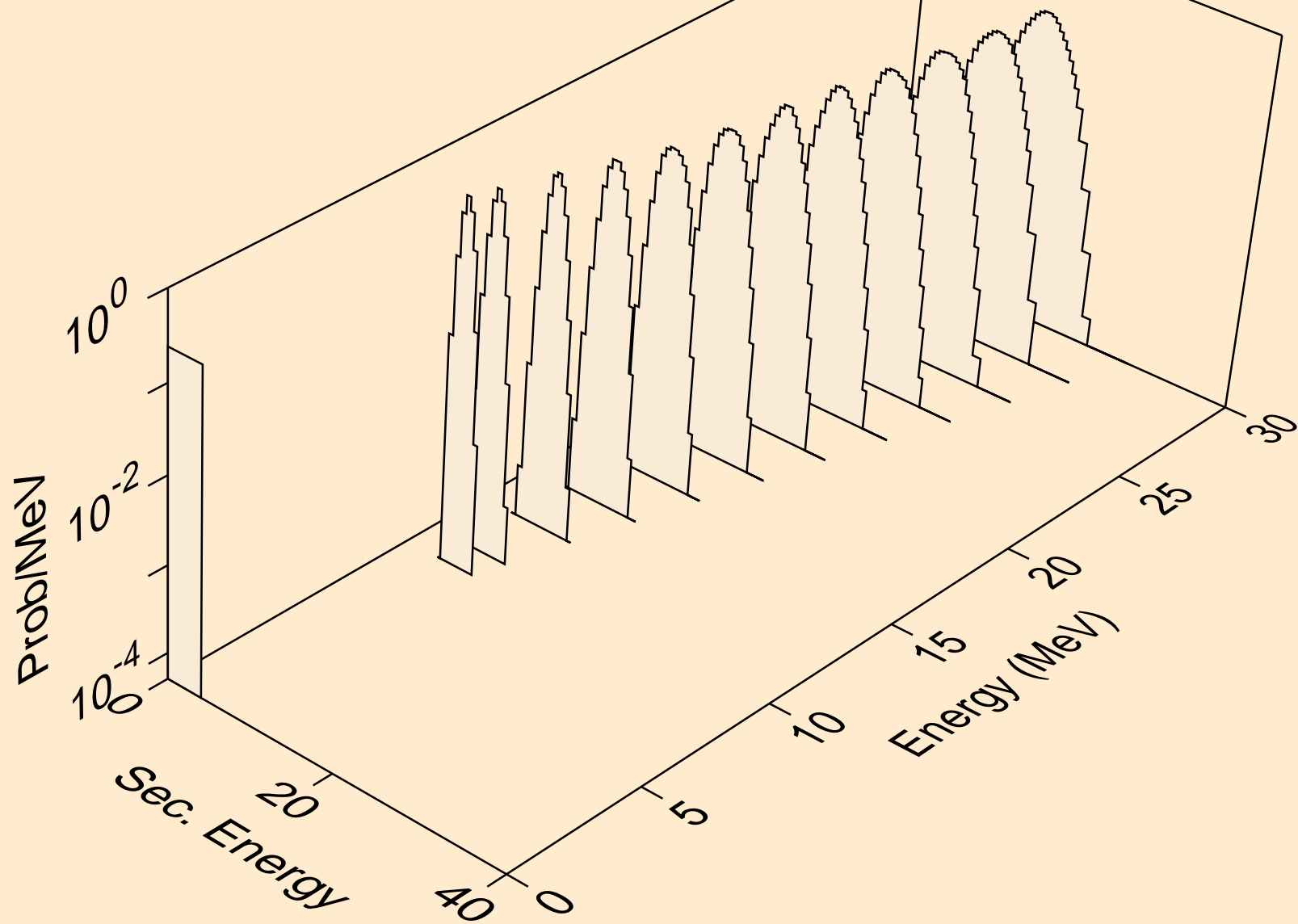


PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

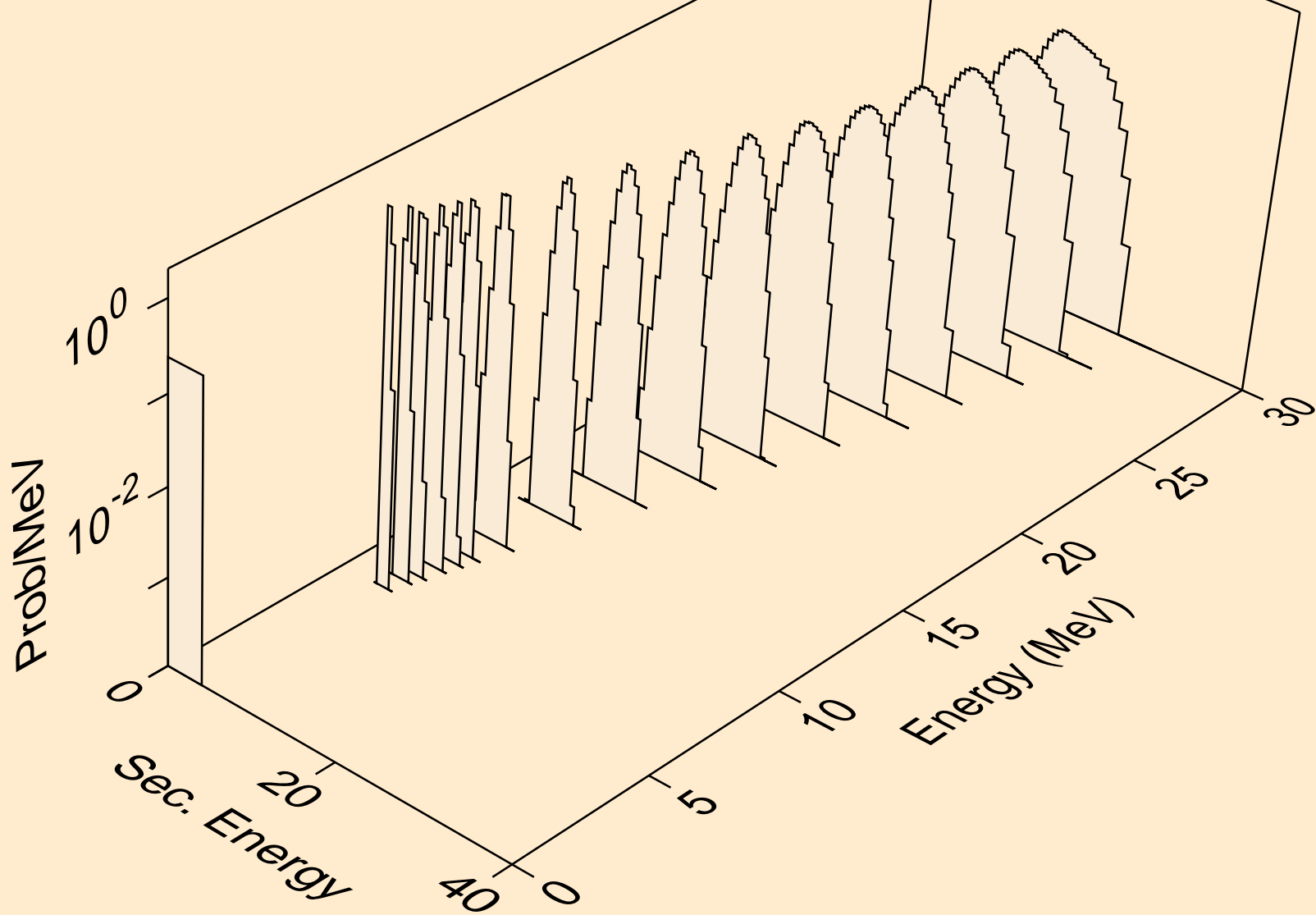




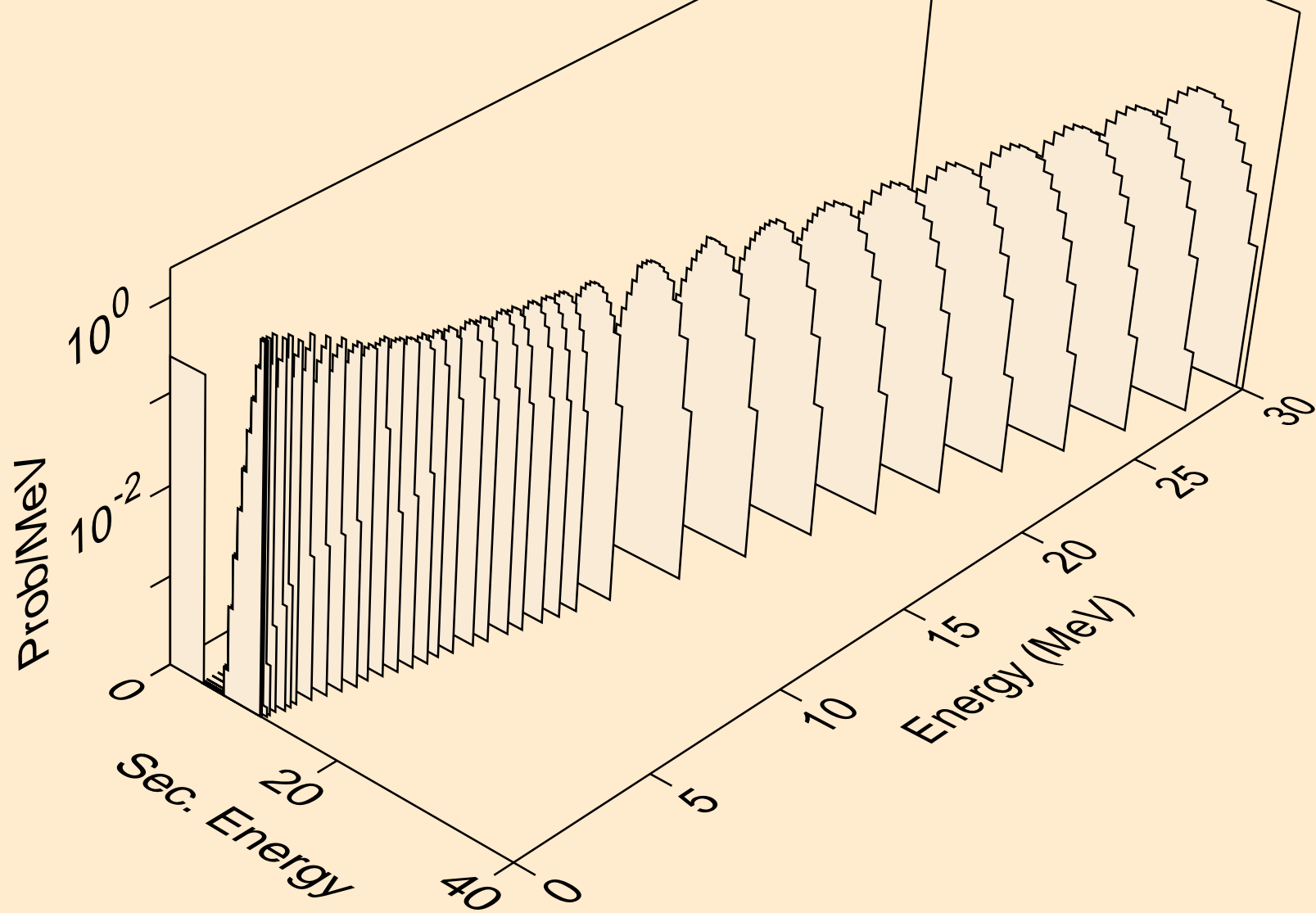
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



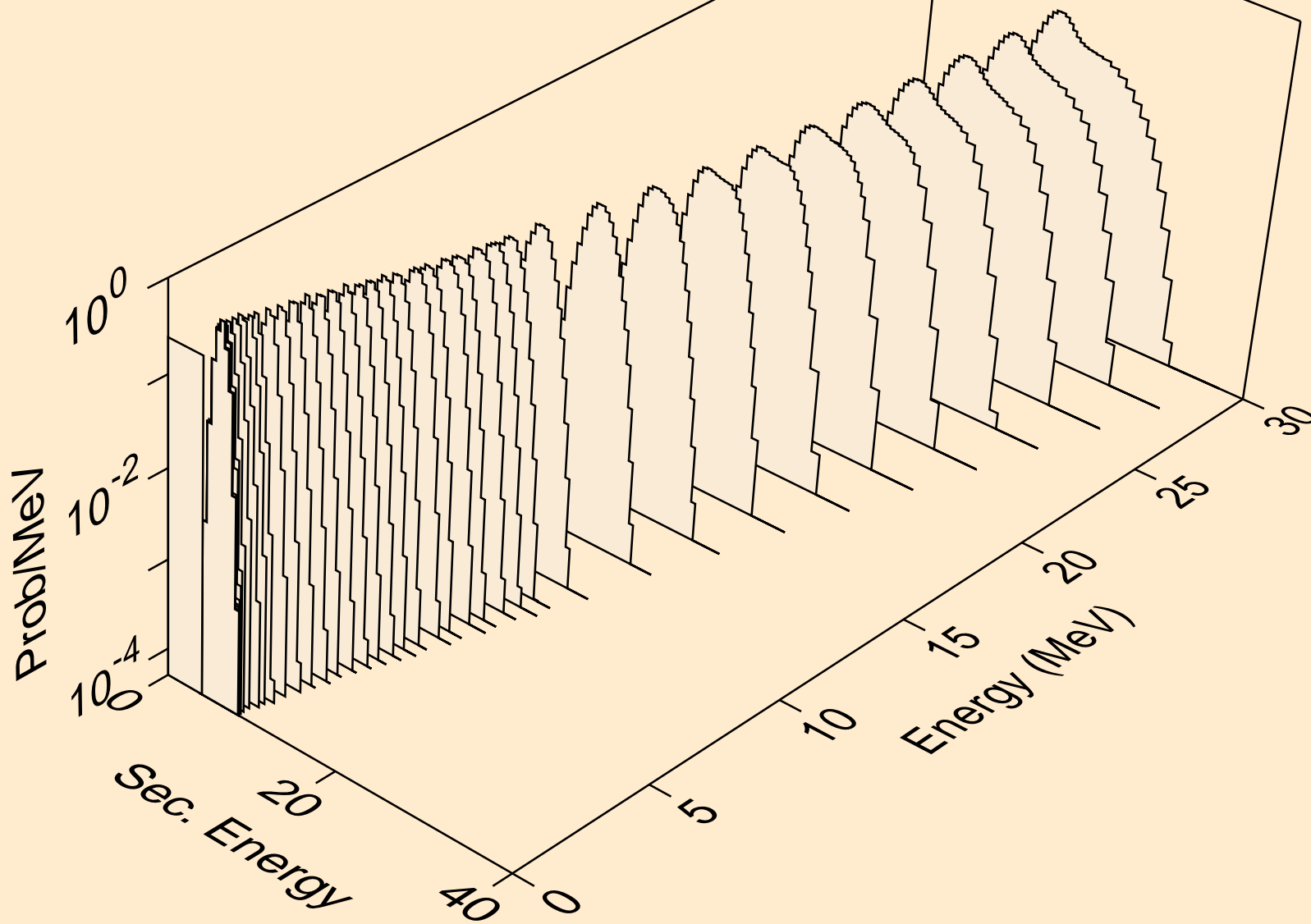
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



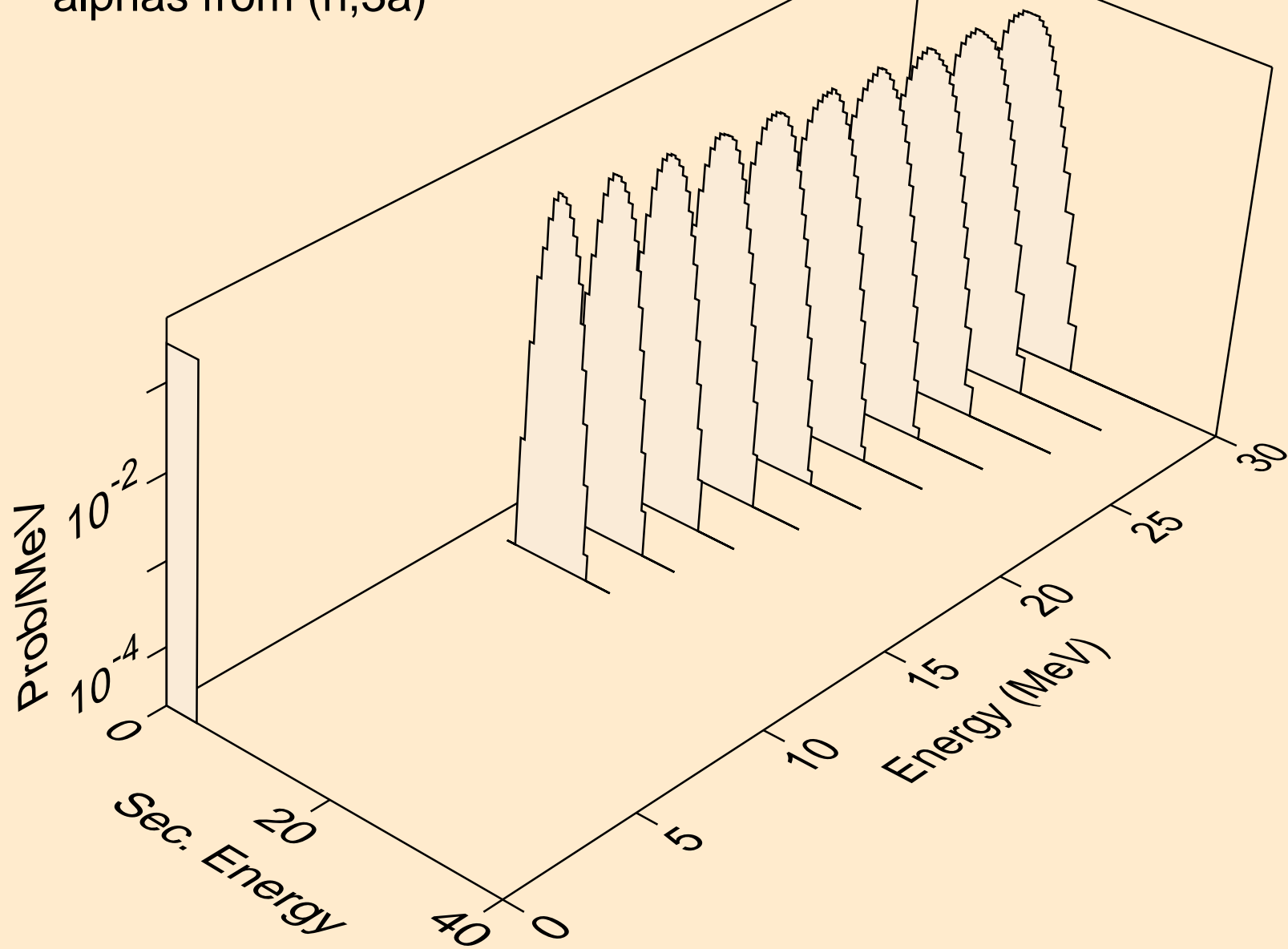
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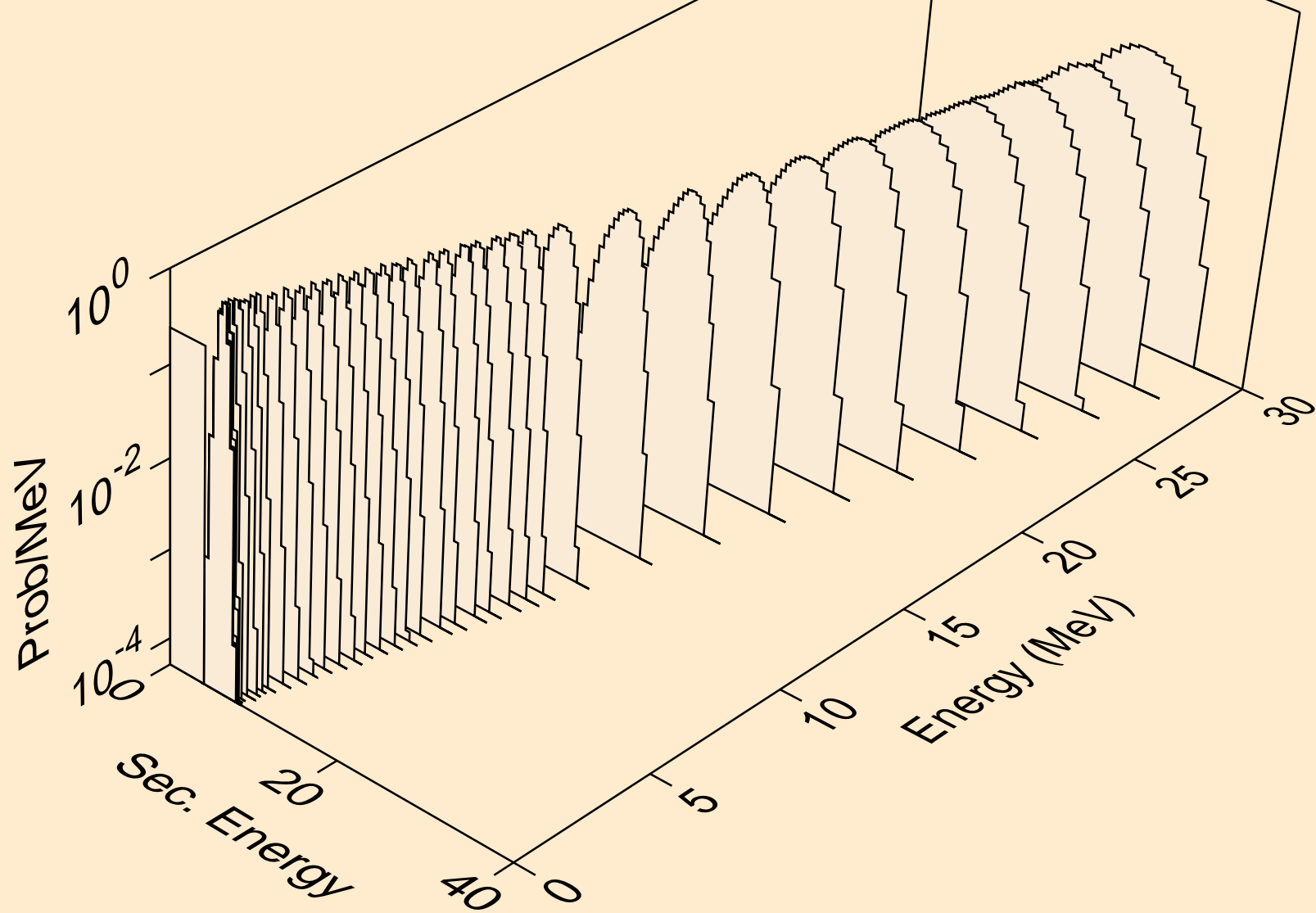
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alphas from (n,2a)



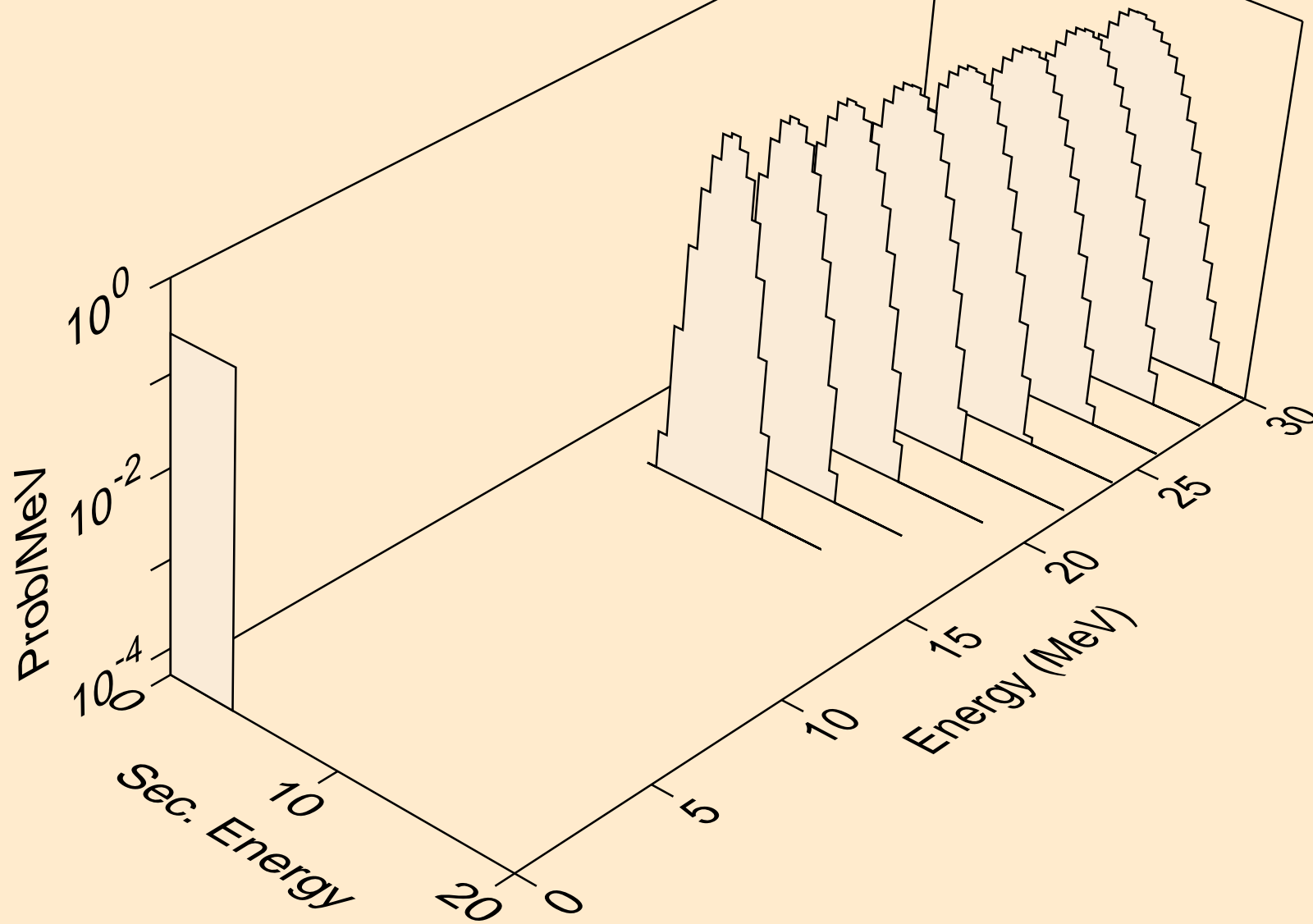
PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,d2a)



PM133 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

