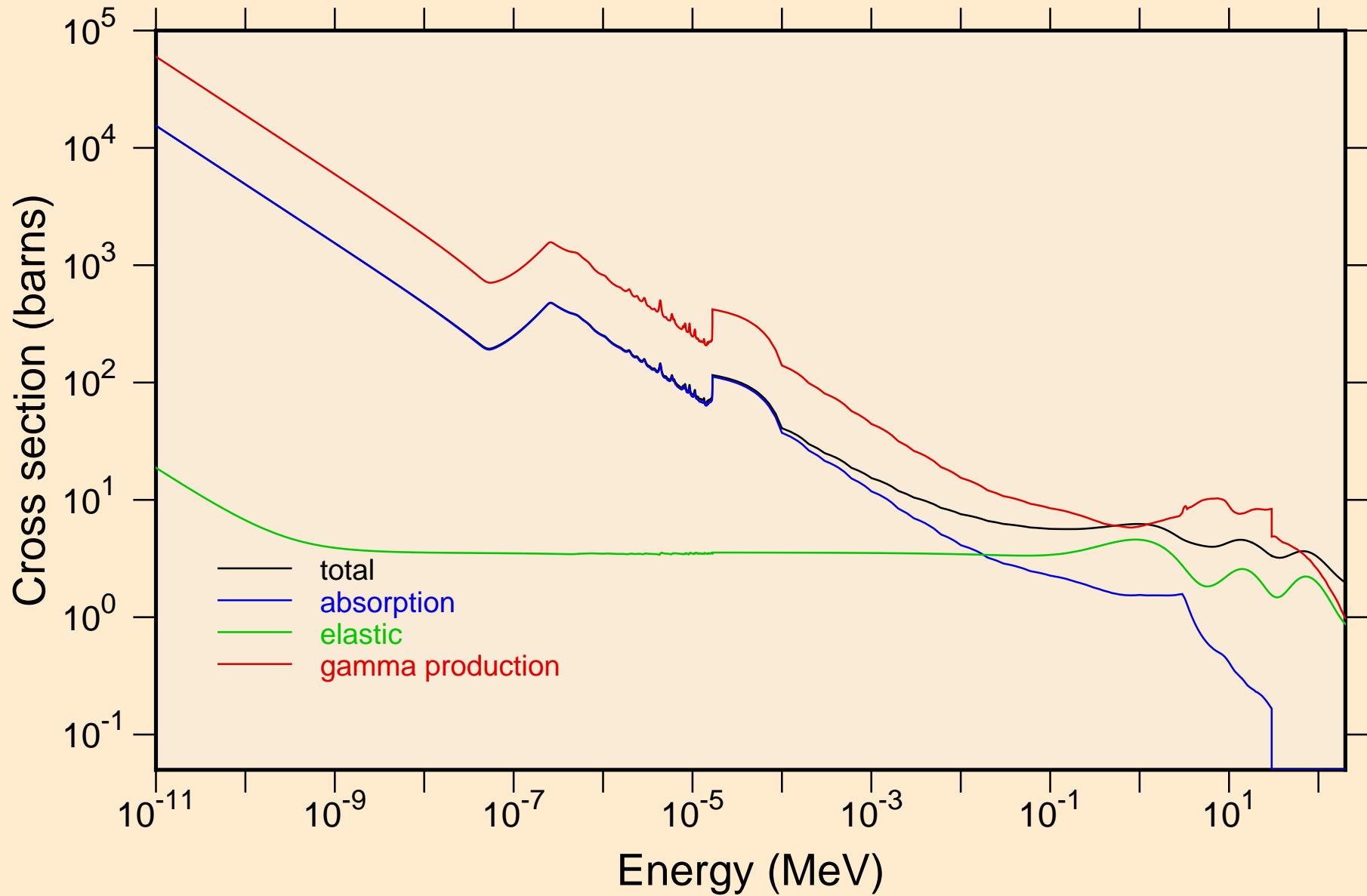
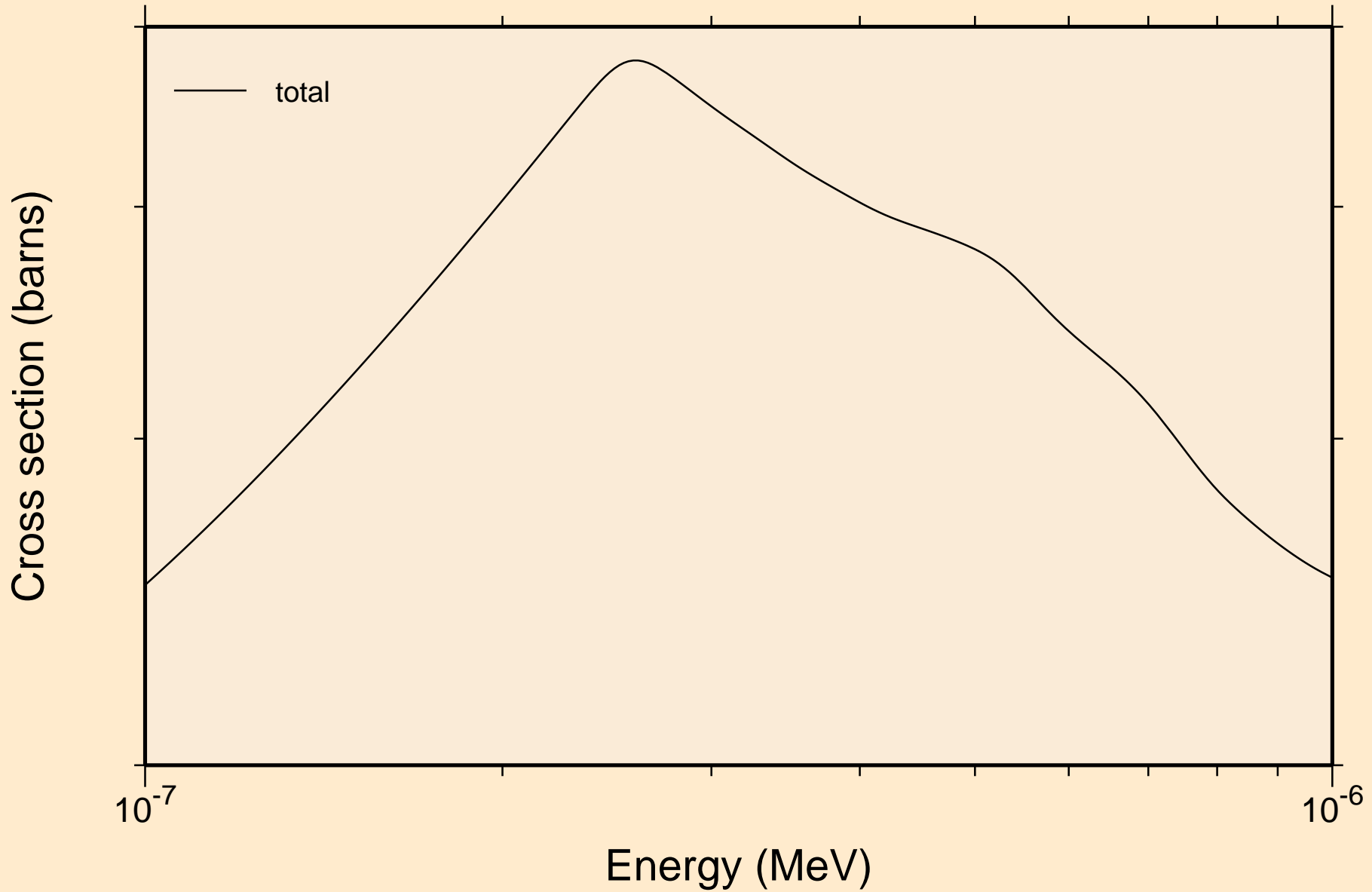


# I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

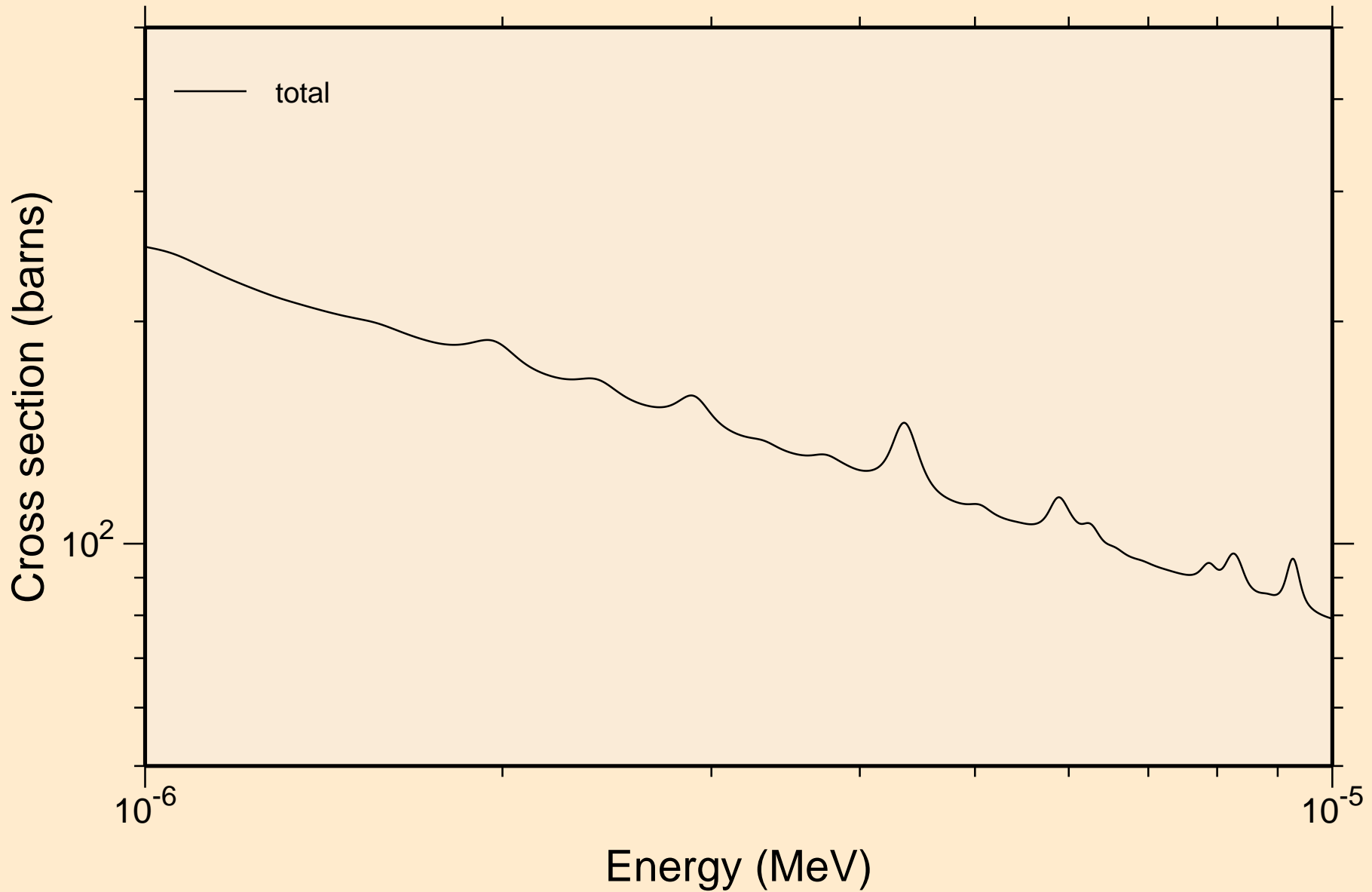
## Principal cross sections



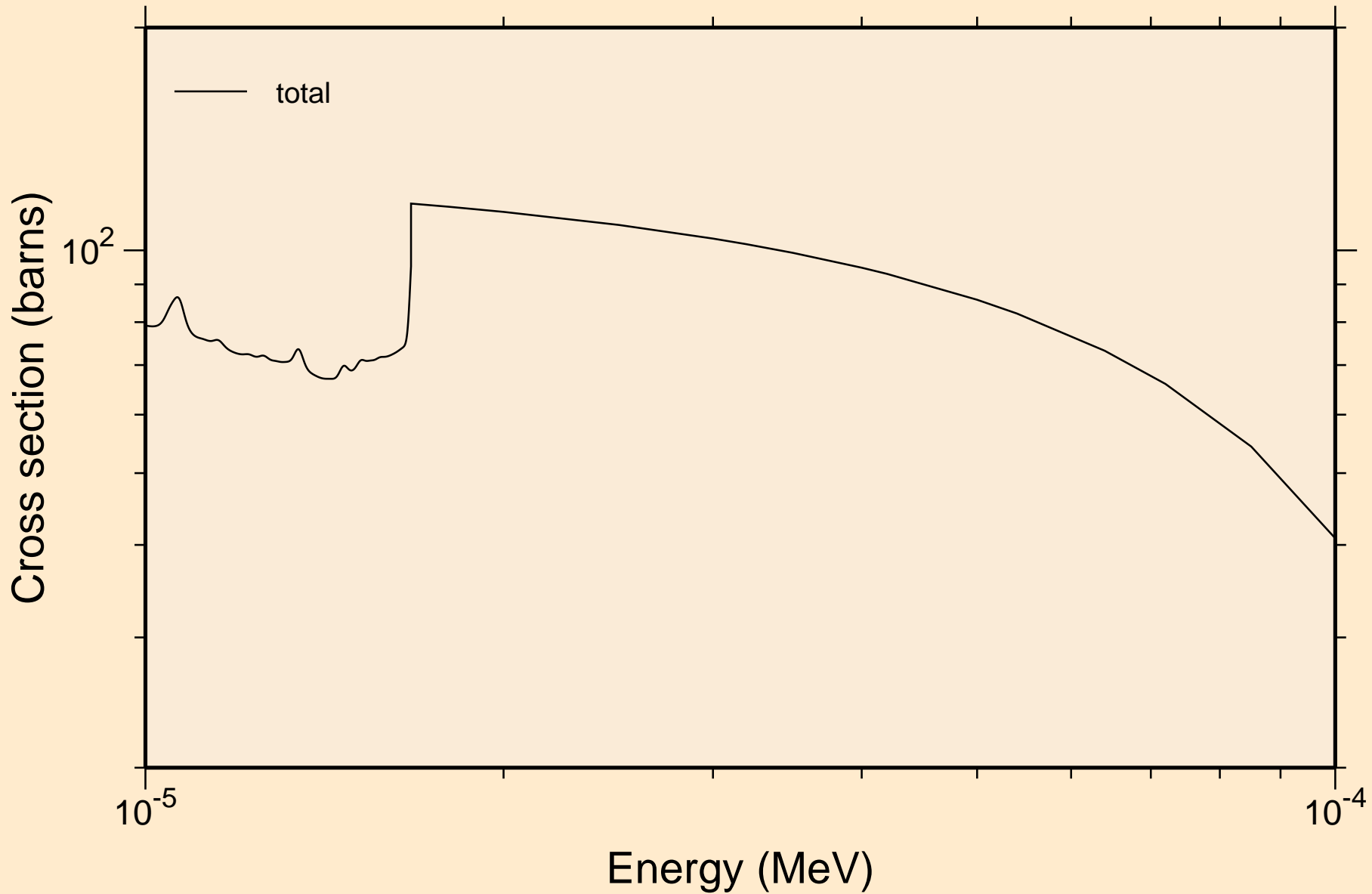
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



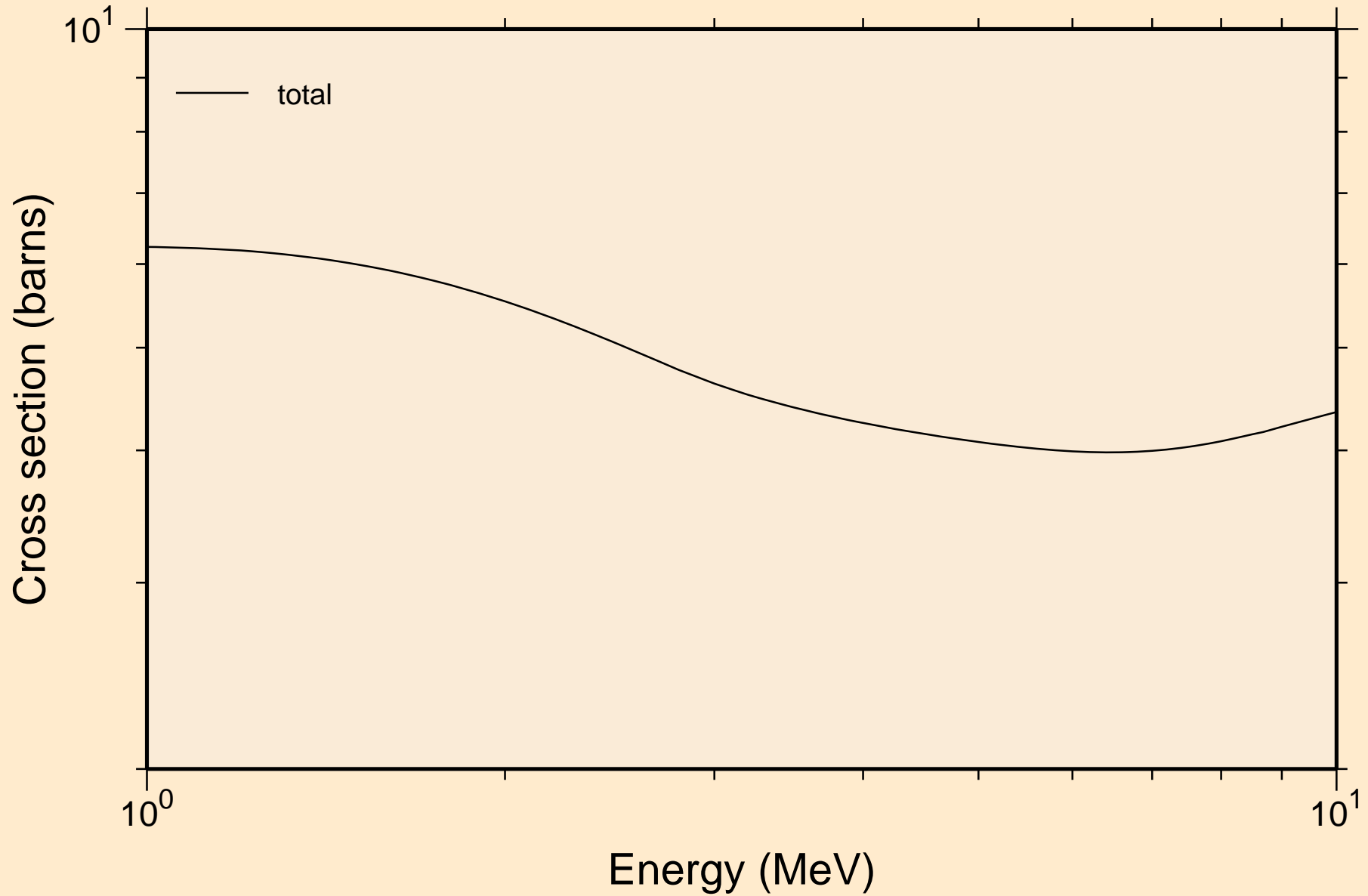
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



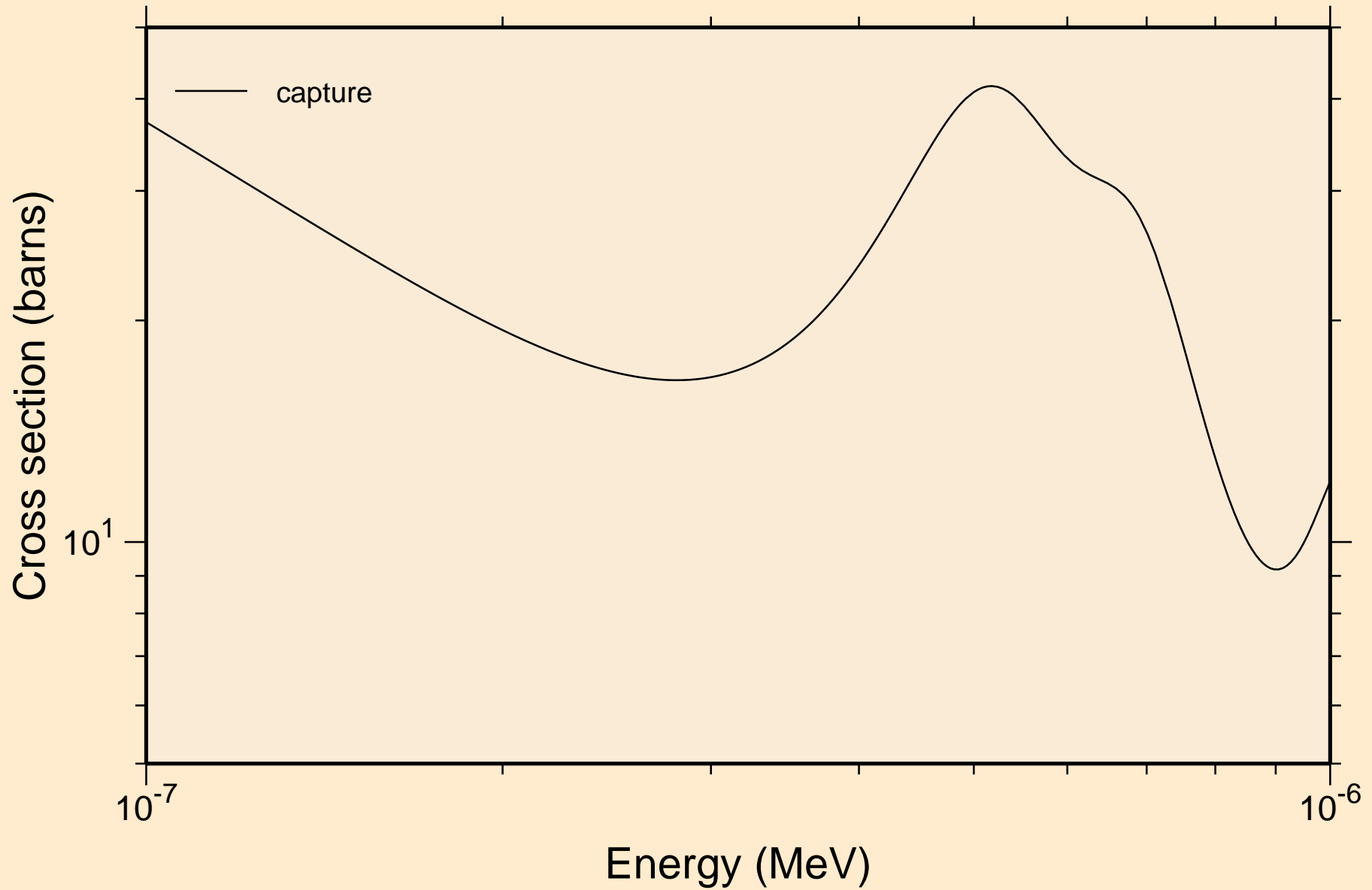
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



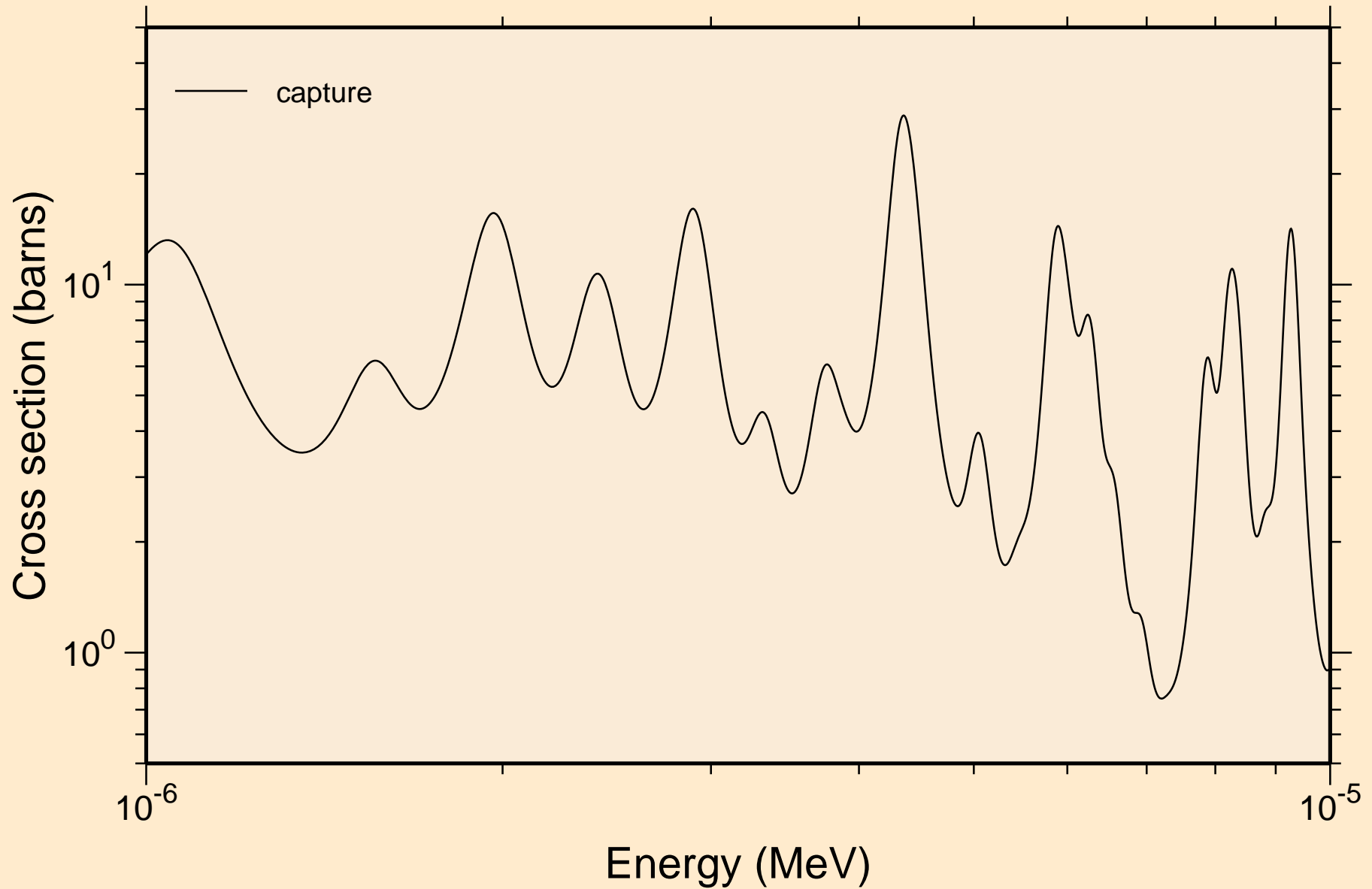
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



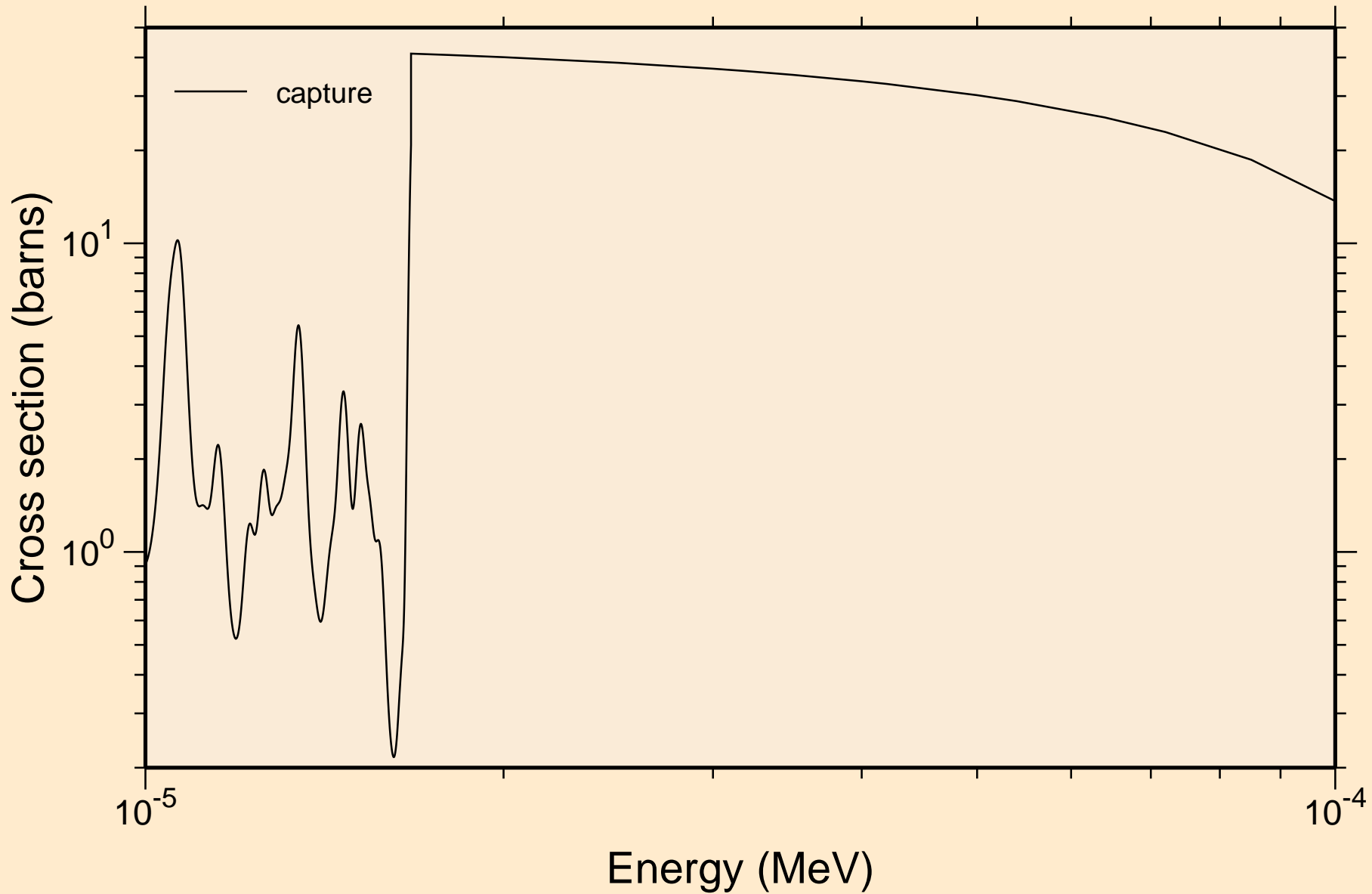
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

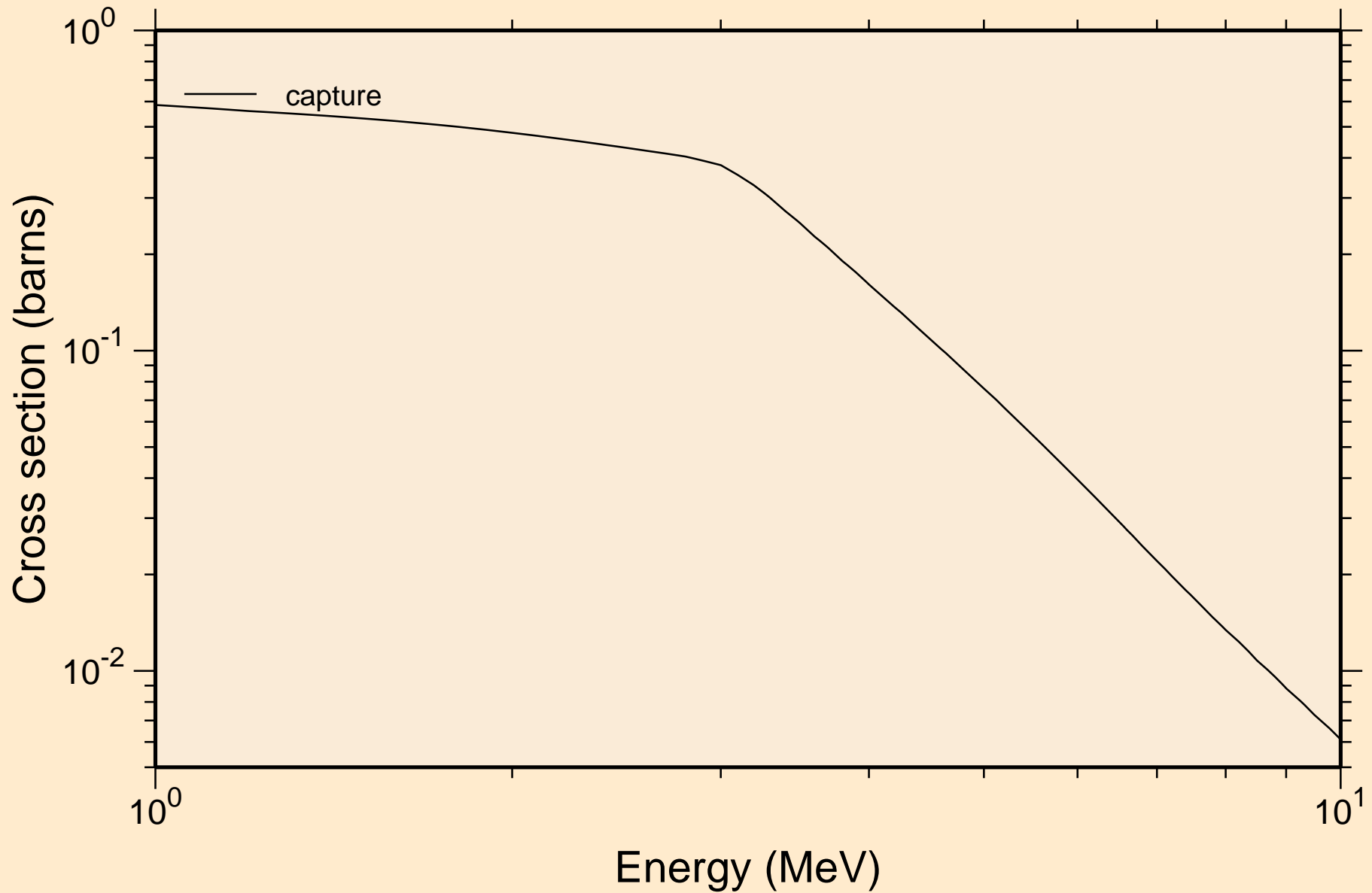


I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



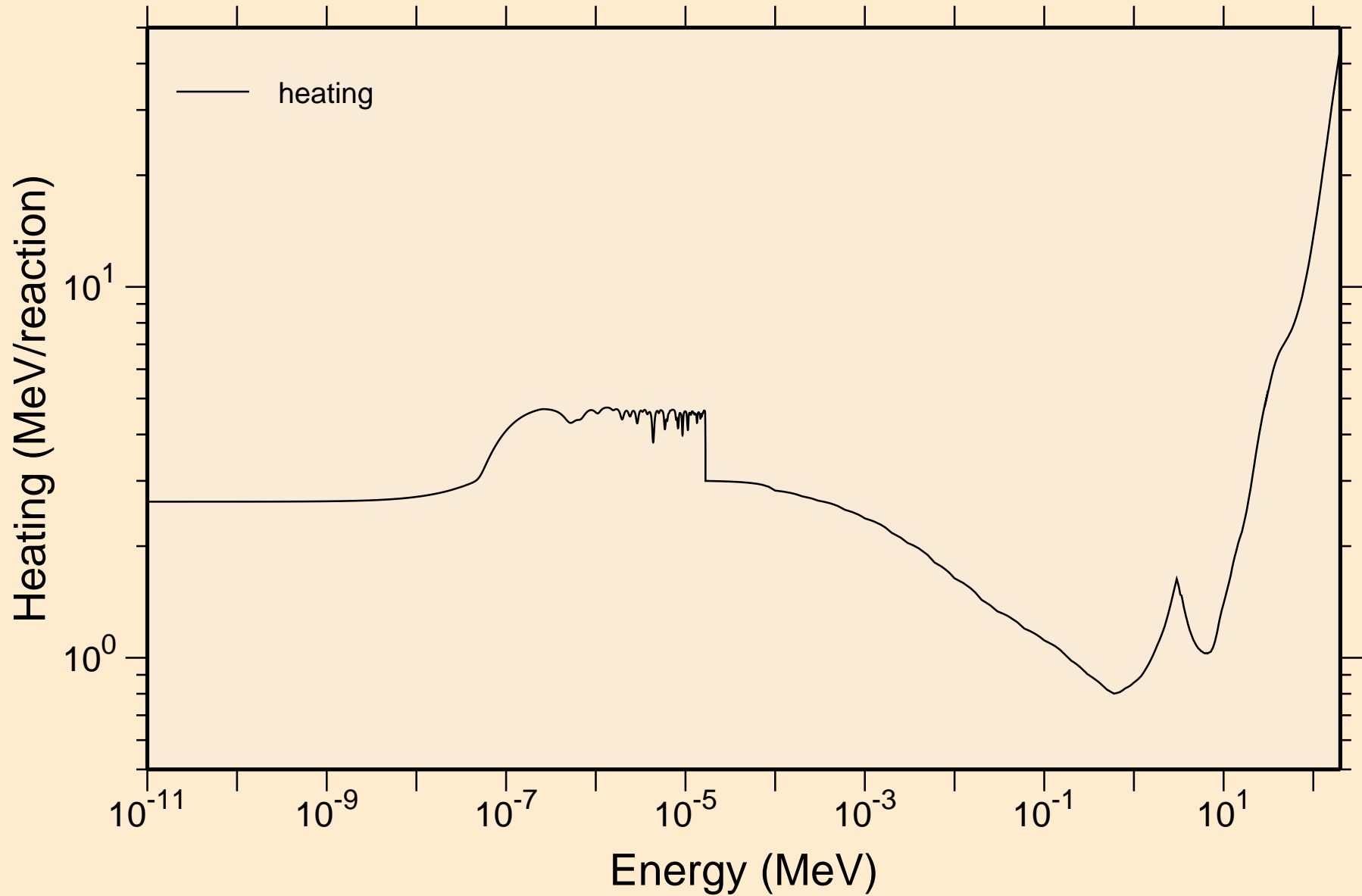


I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

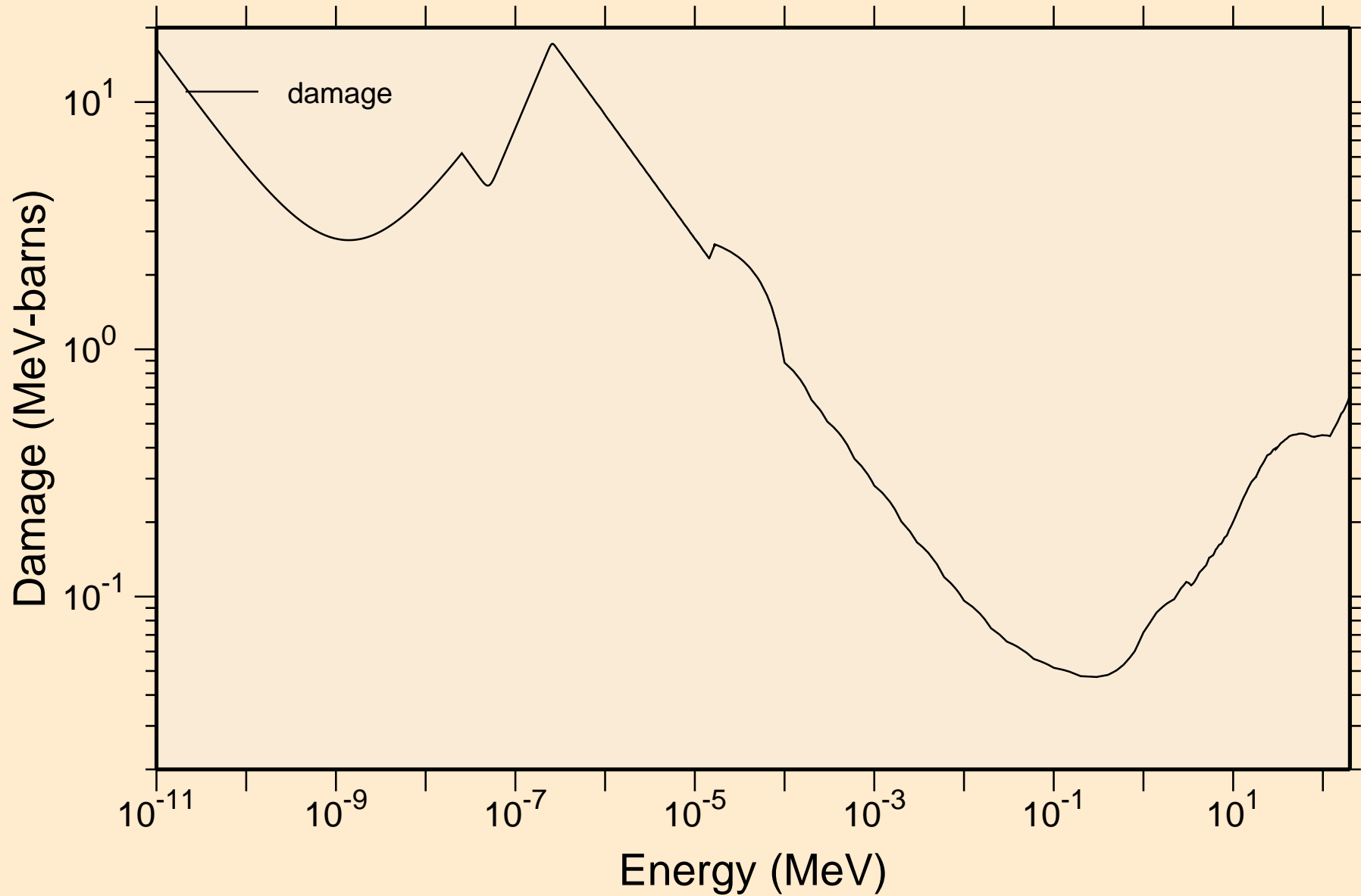


# I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Heating

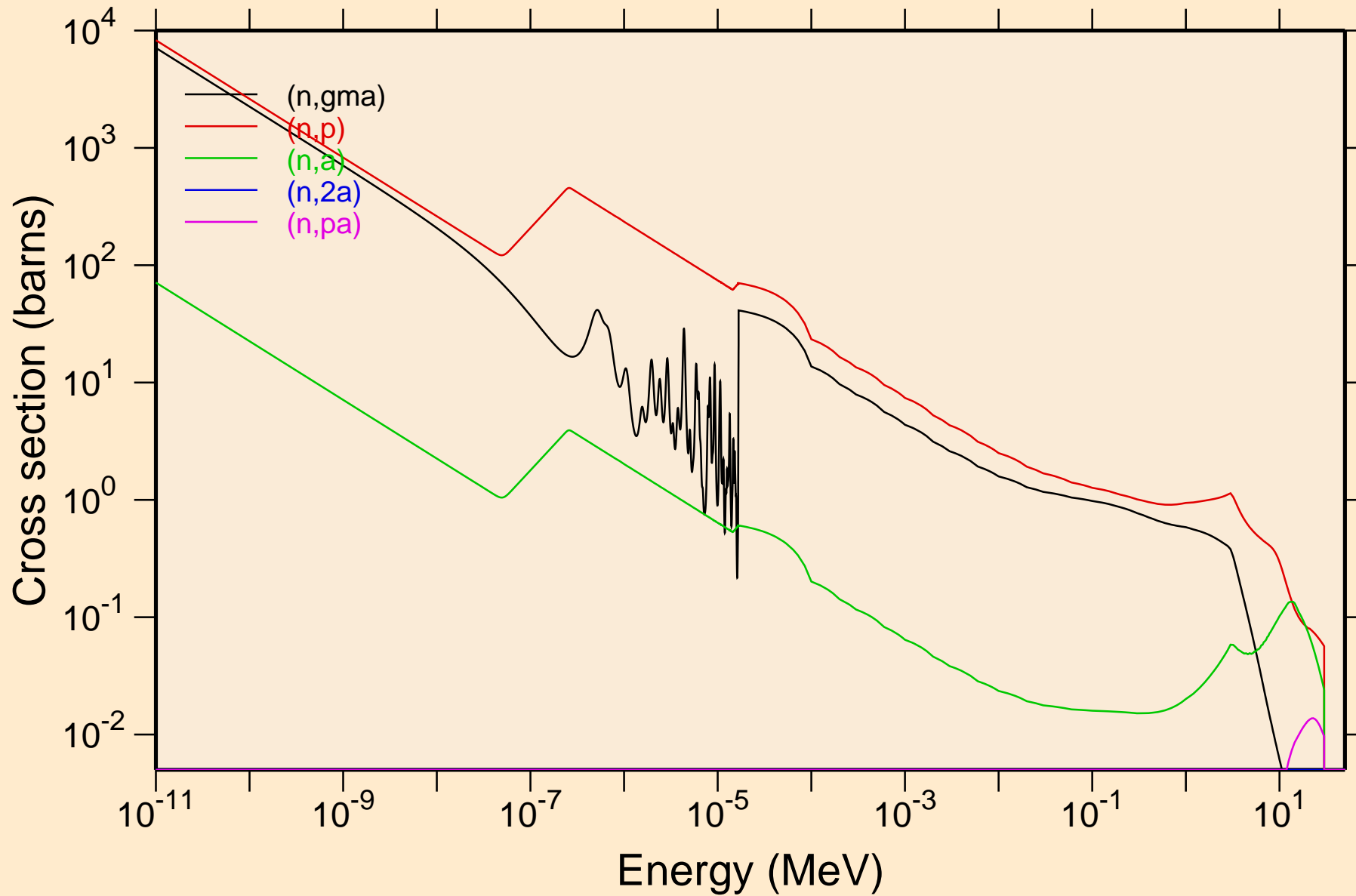


I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

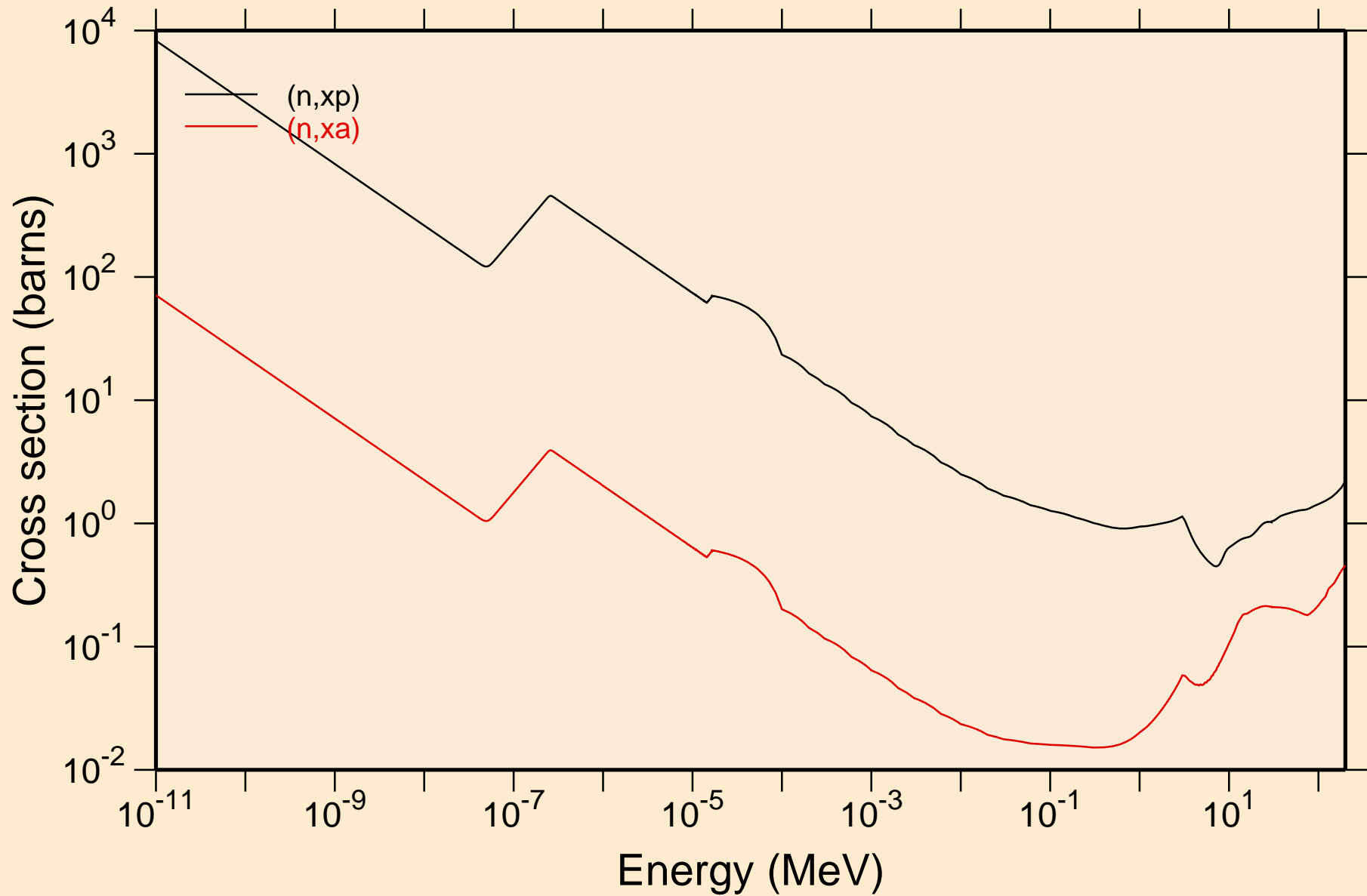


# I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Non-threshold reactions

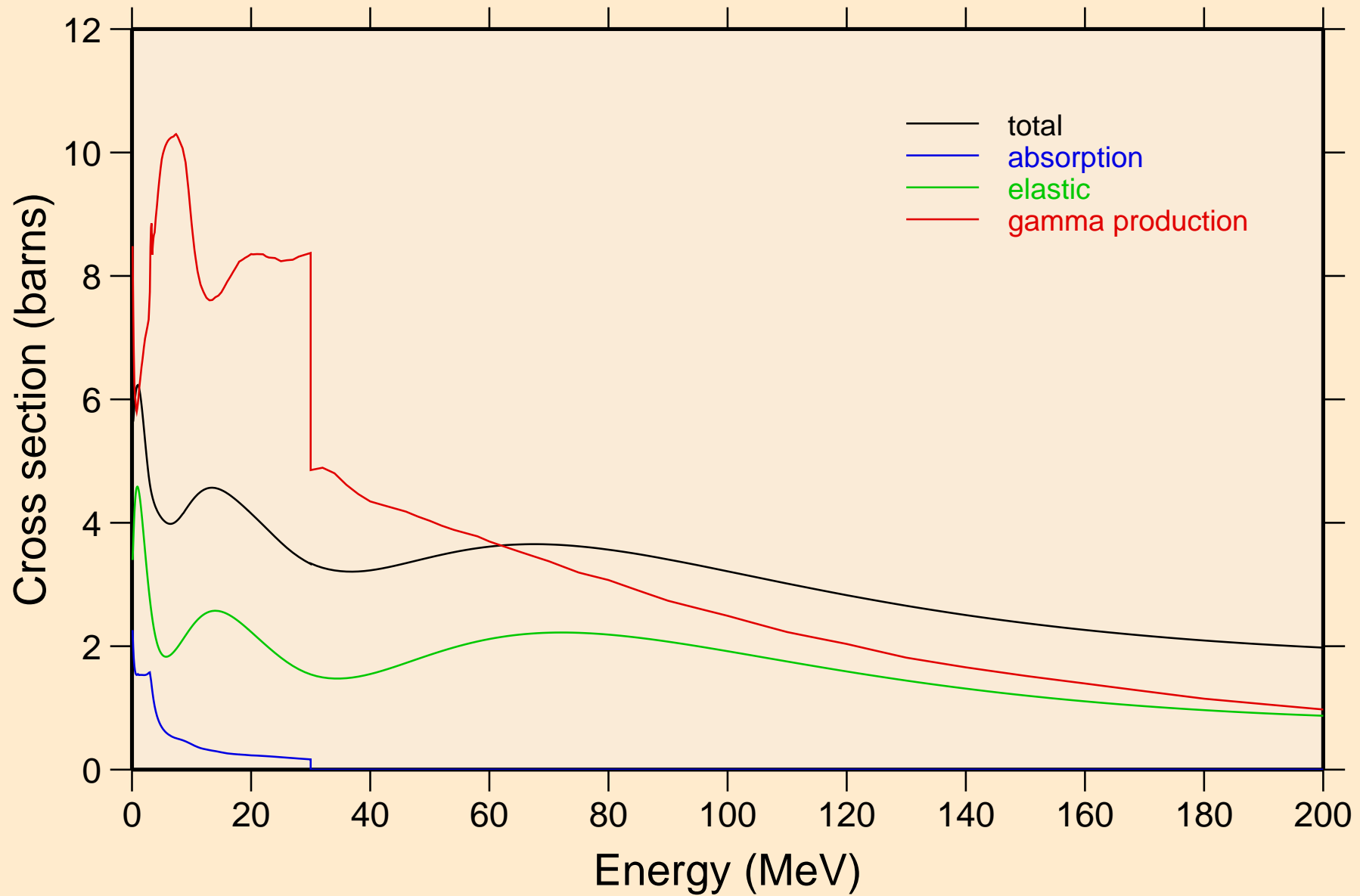


I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



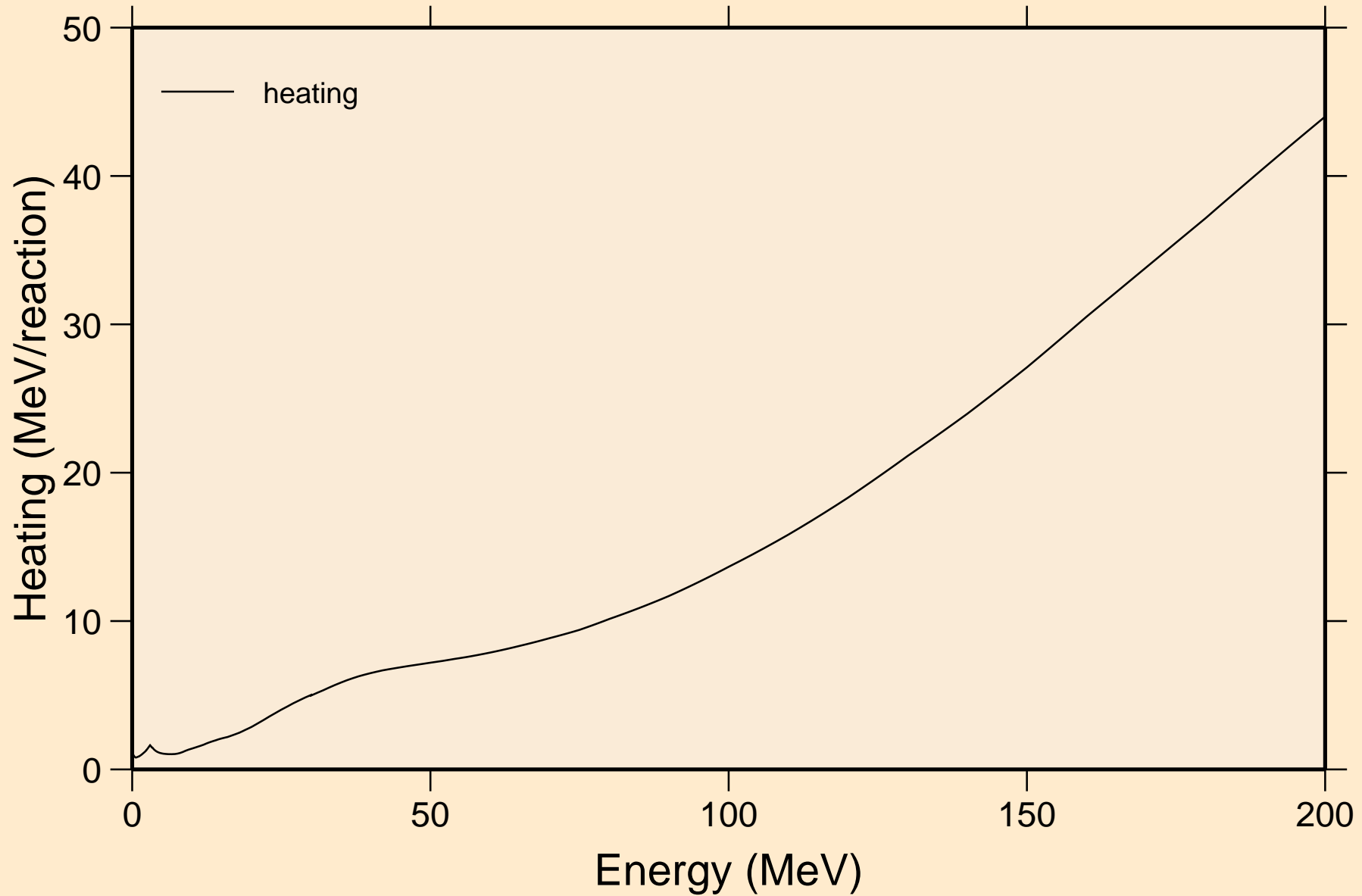
# I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Principal cross sections

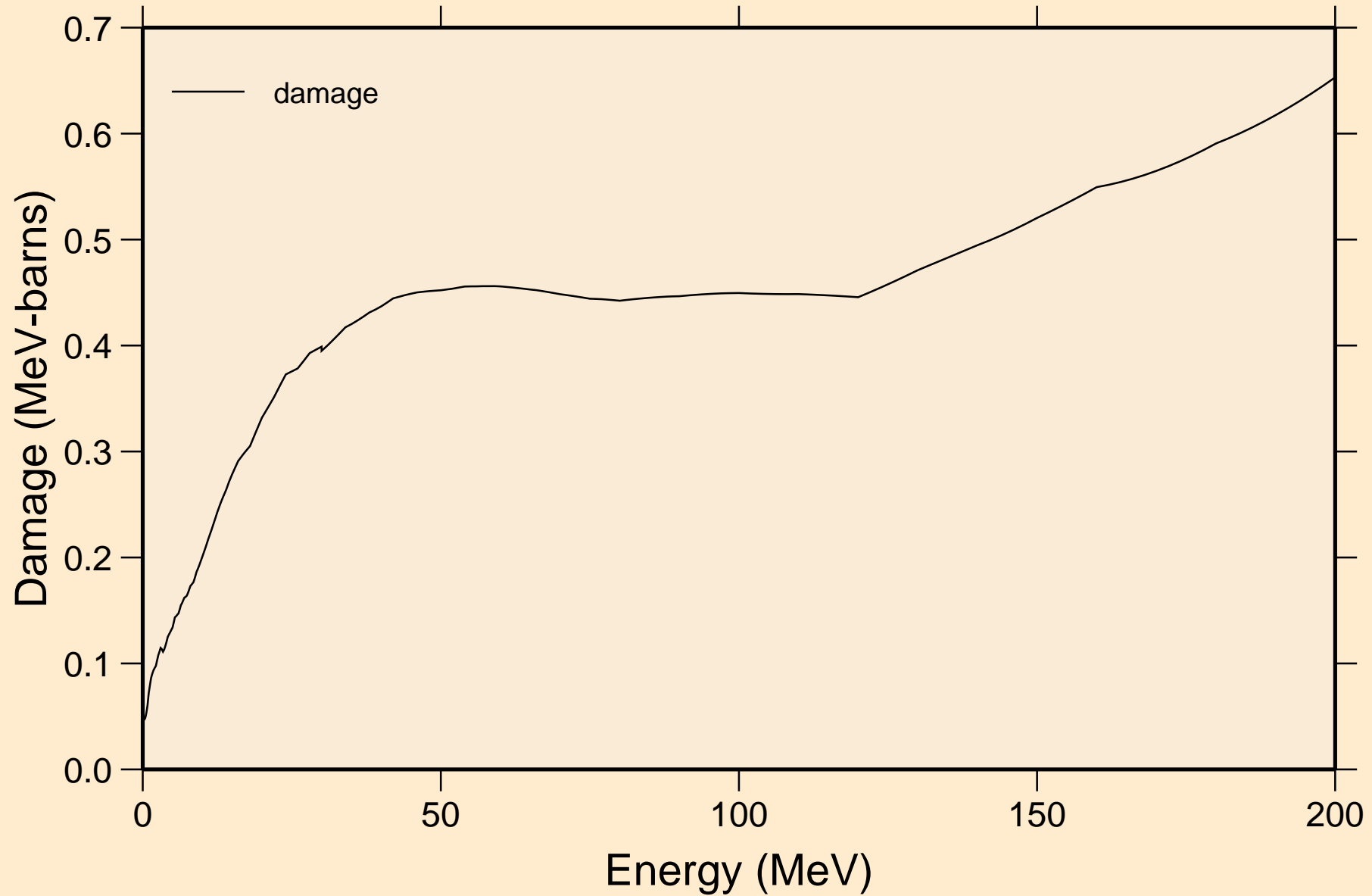


# I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Heating

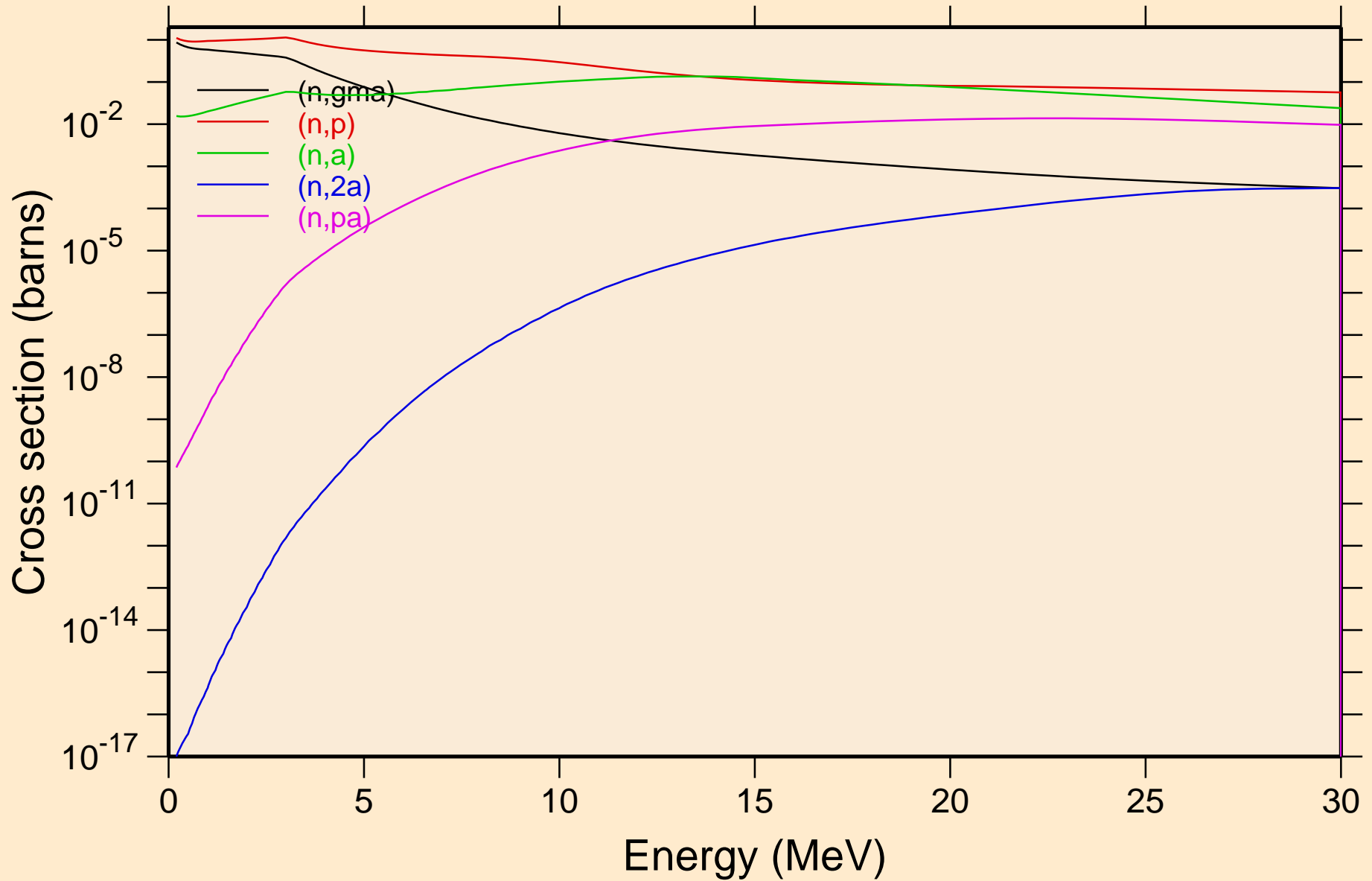


I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

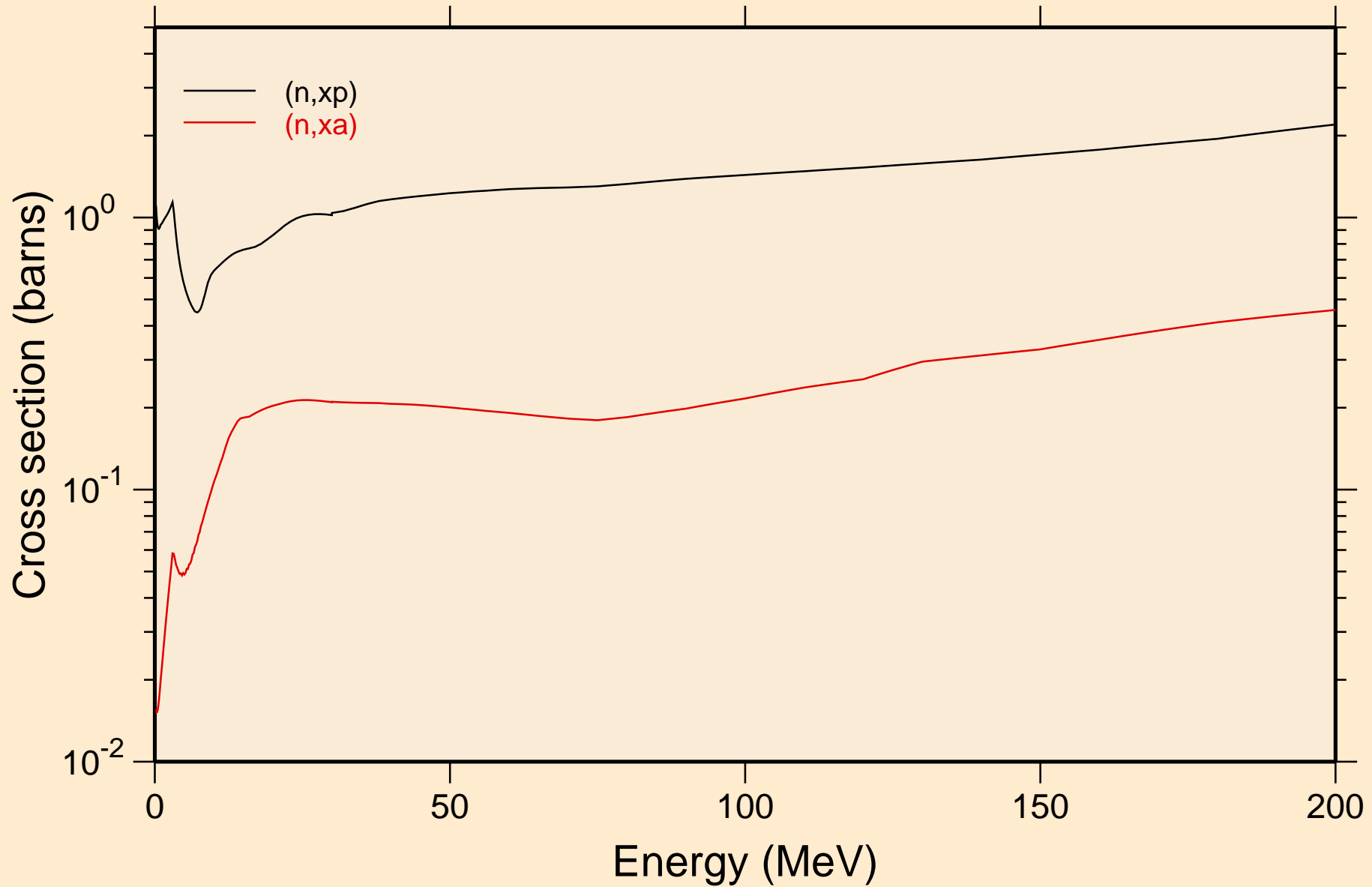




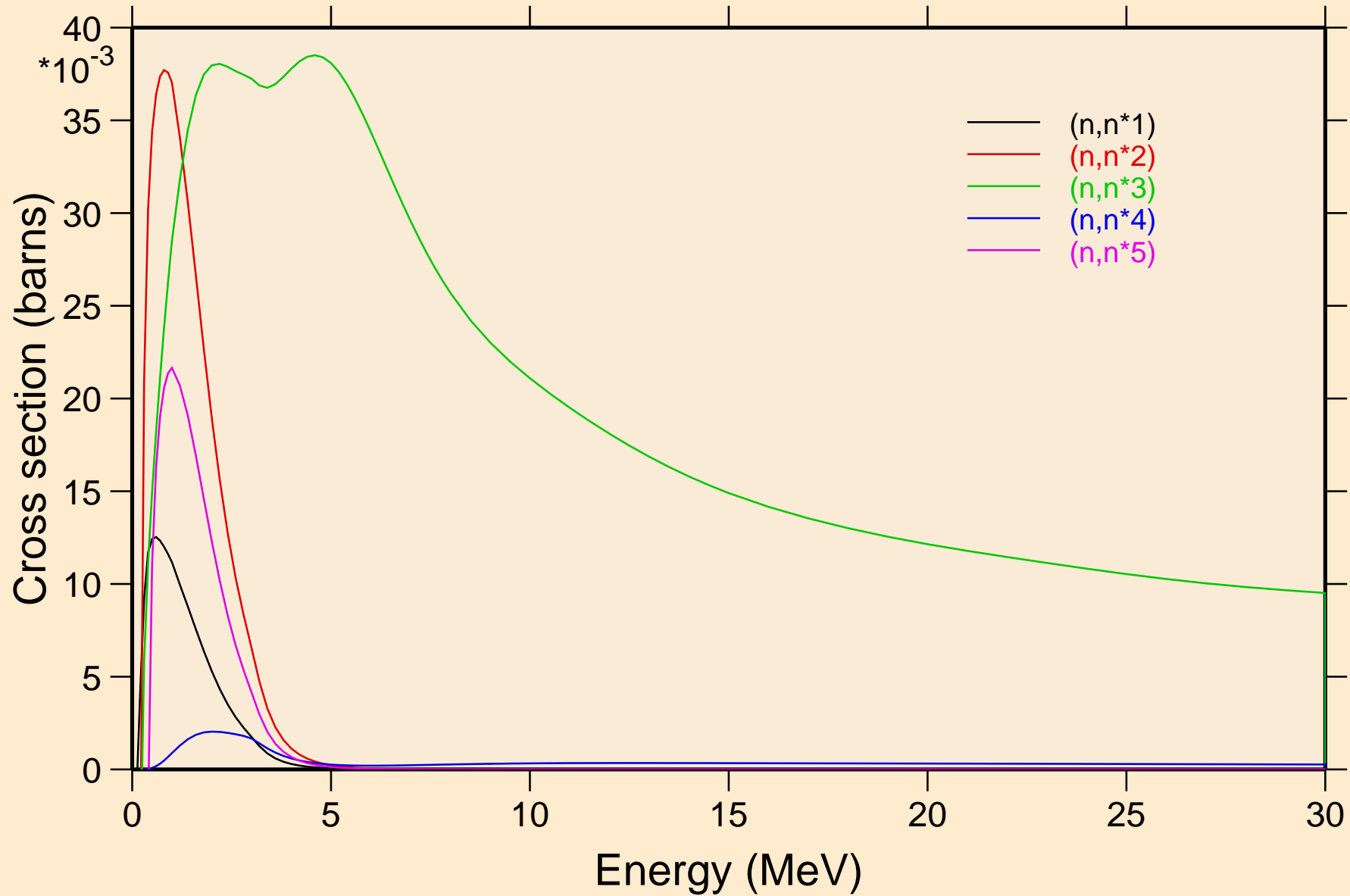
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



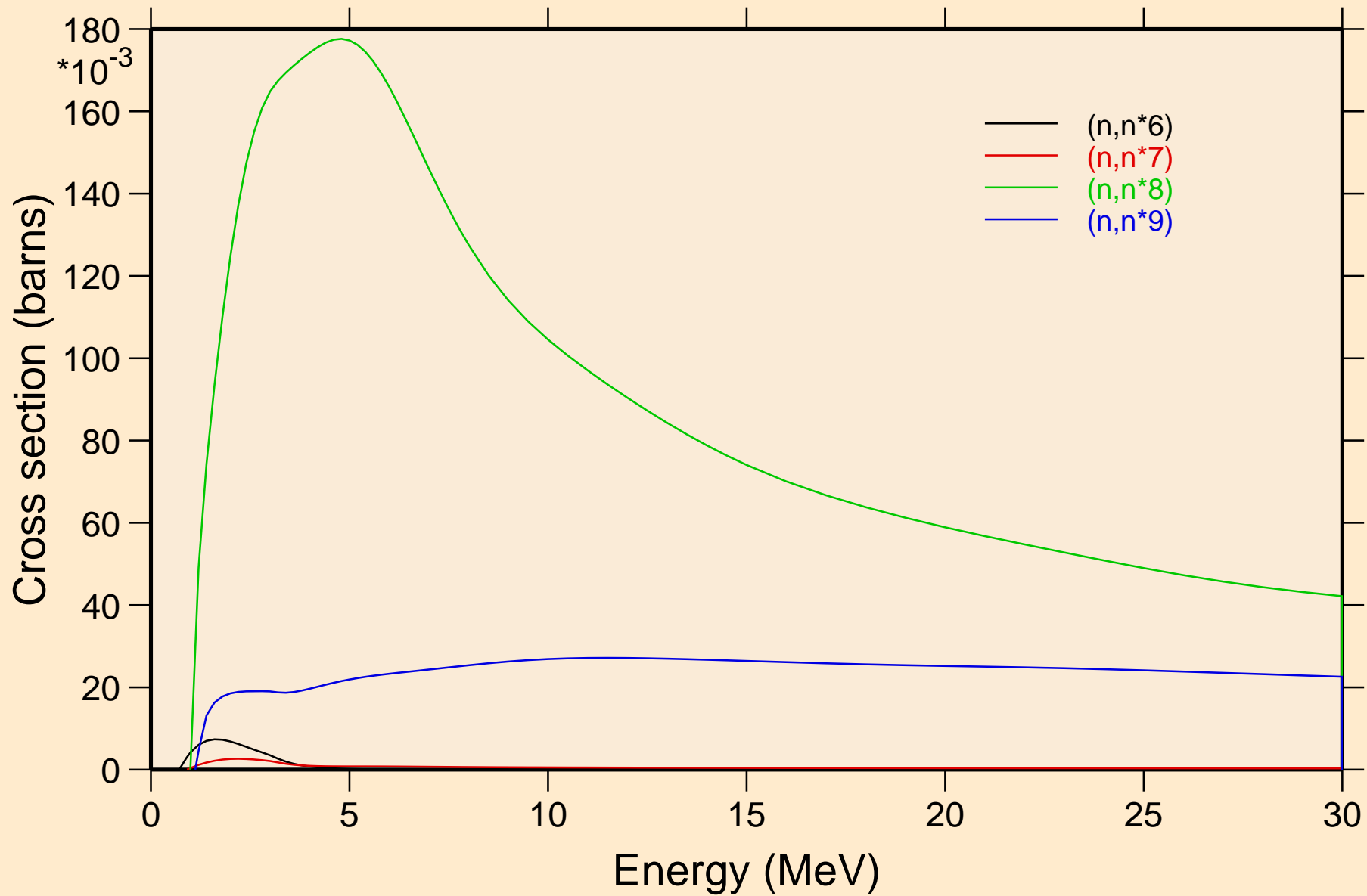
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

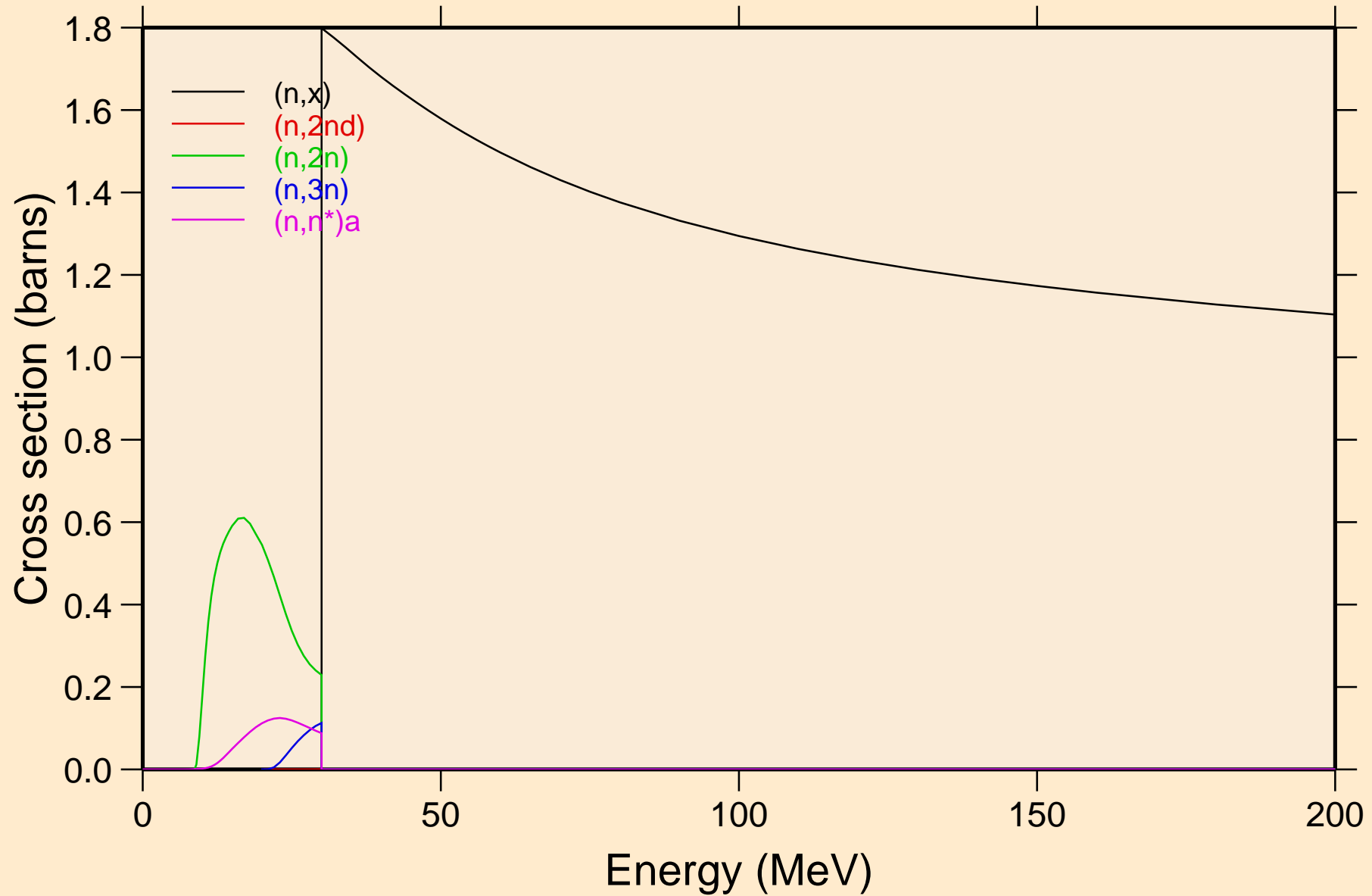


I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

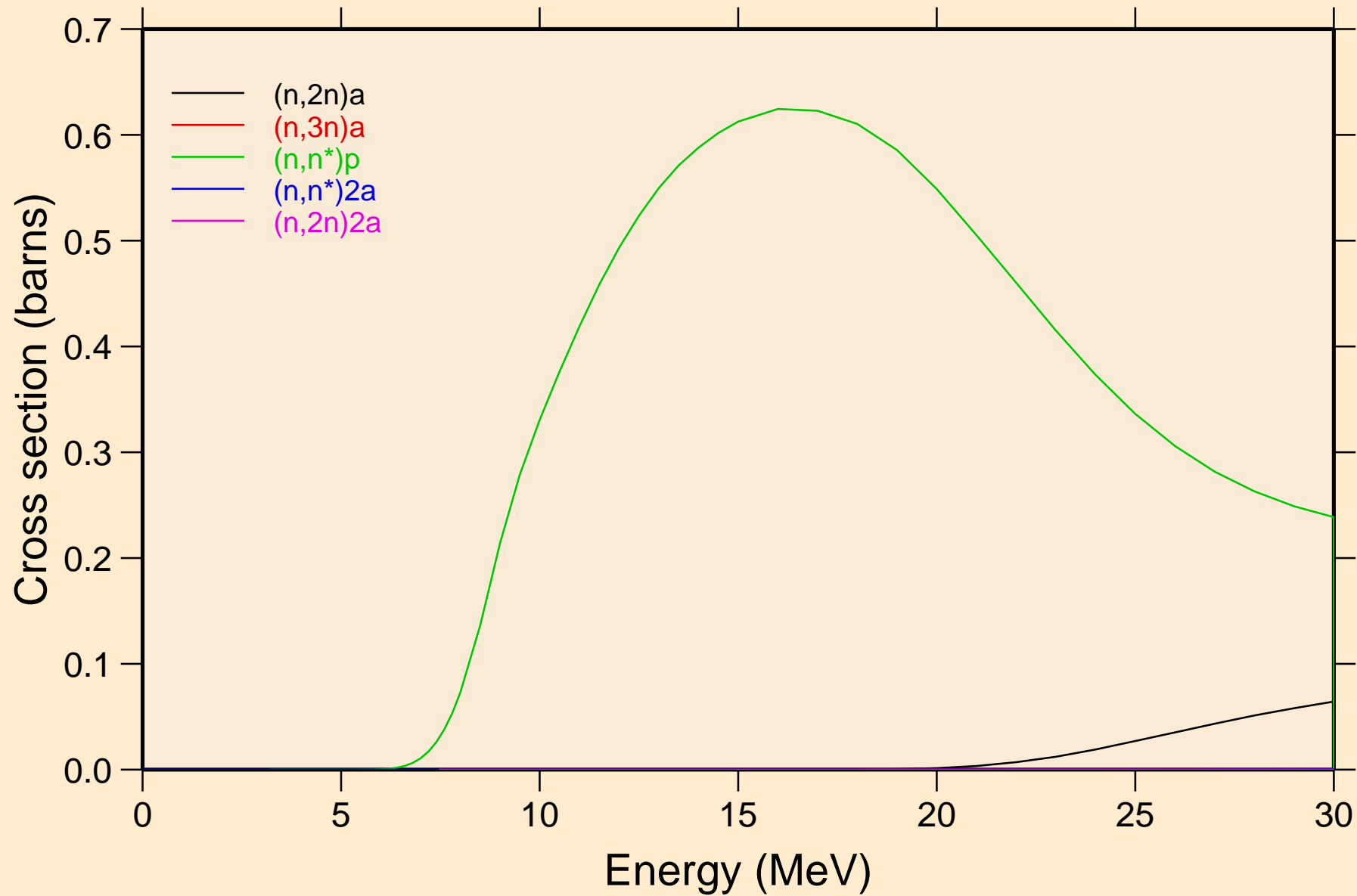


# I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

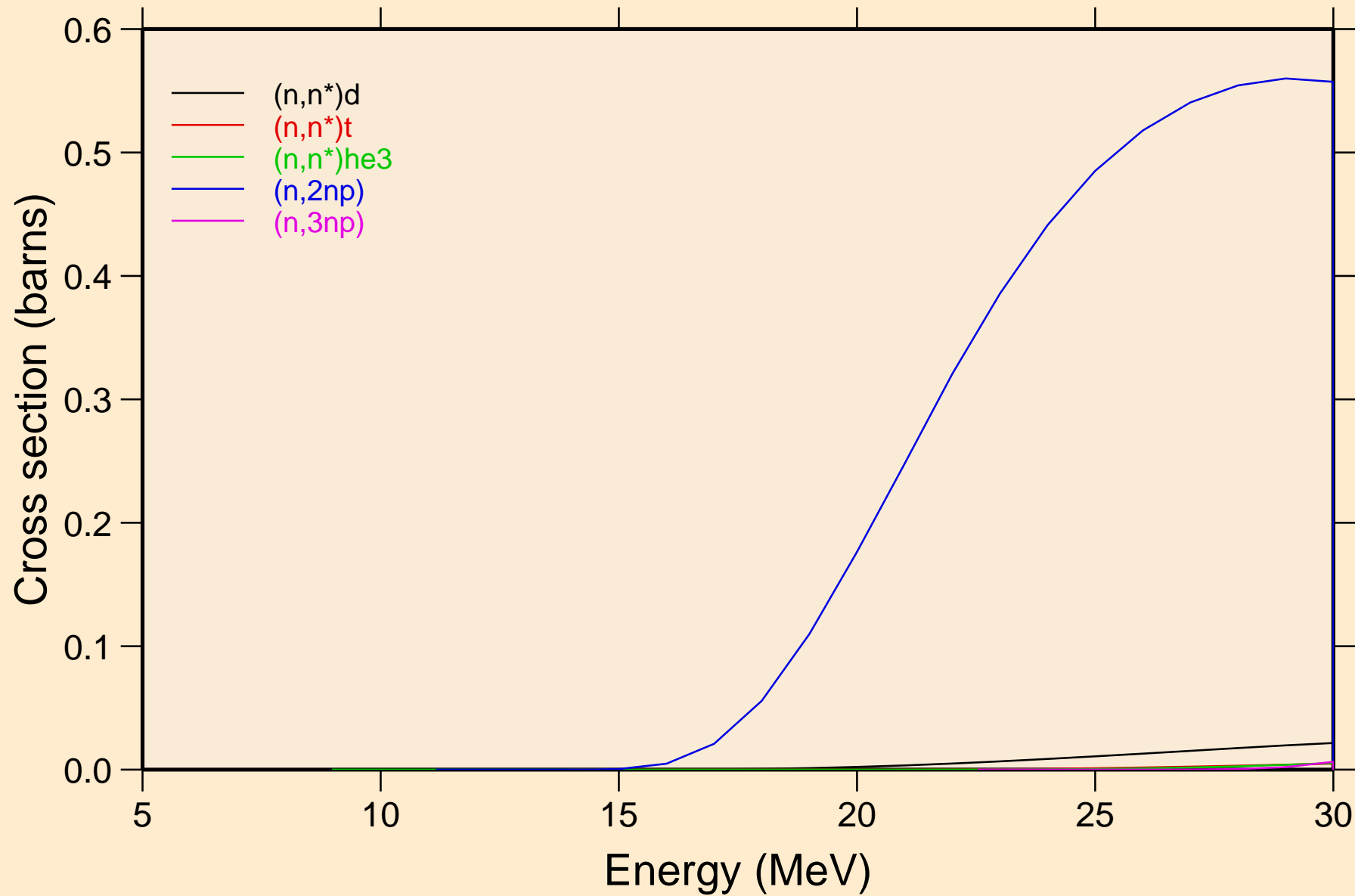
## Threshold reactions



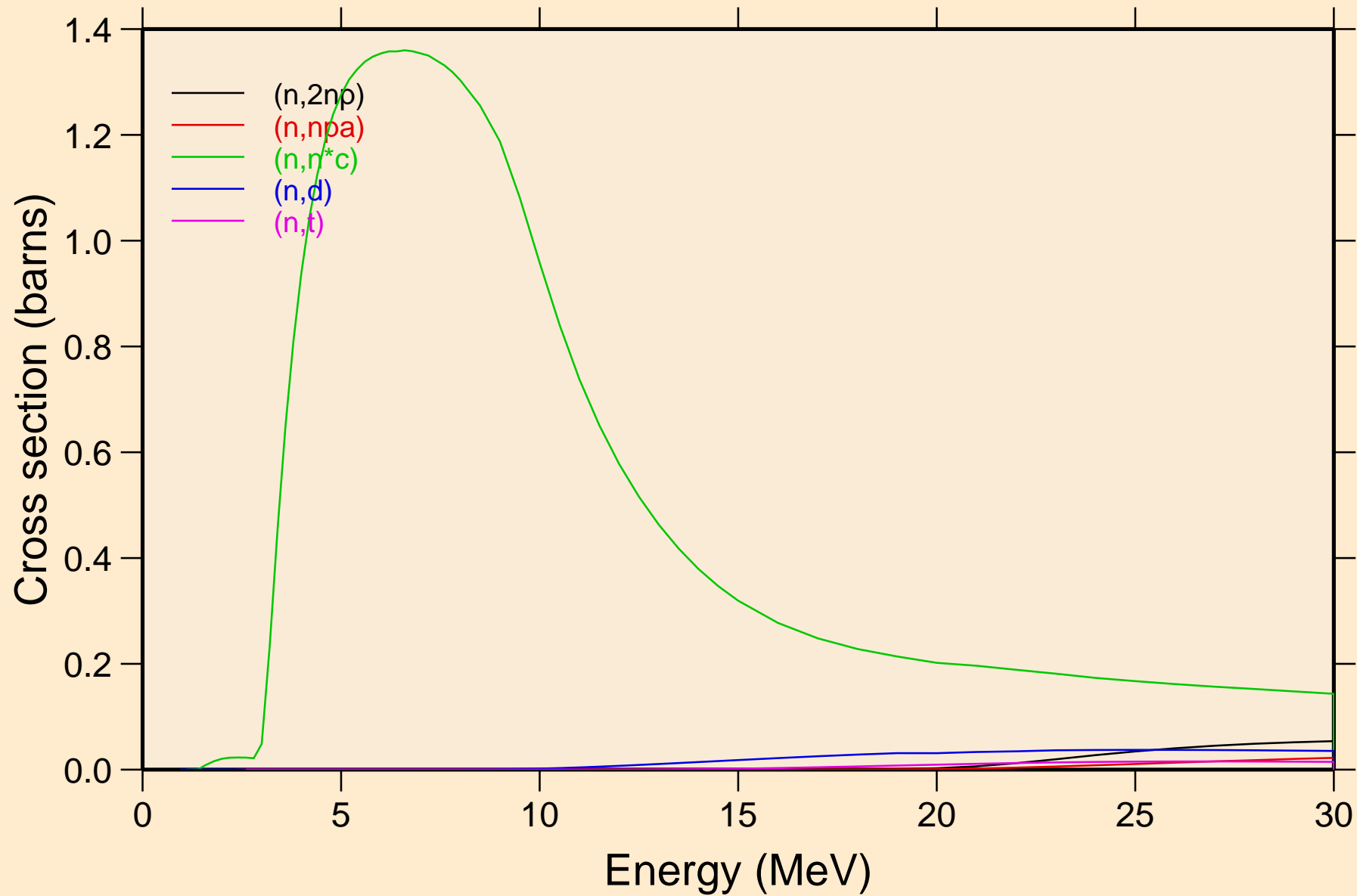
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

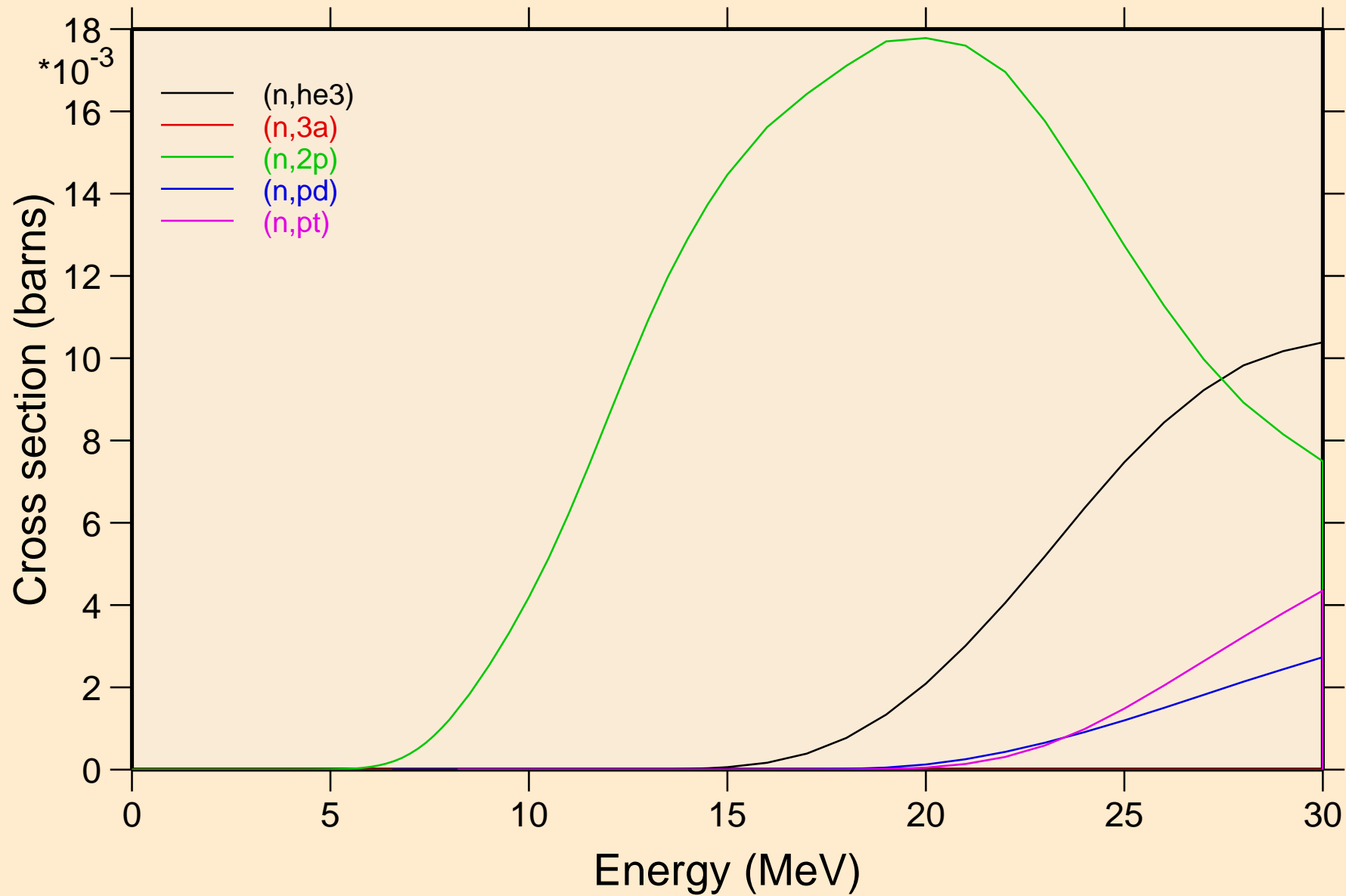


I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

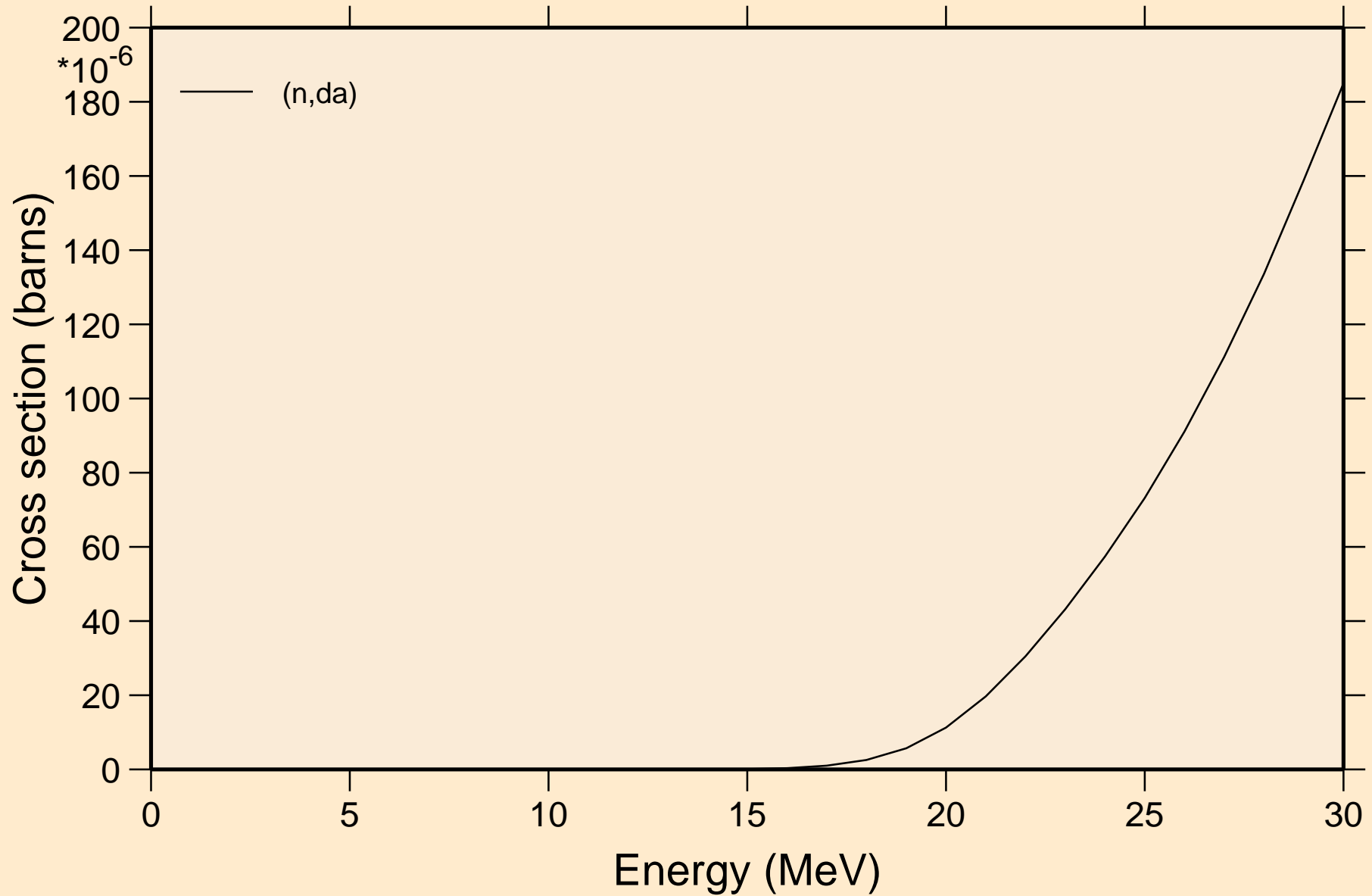




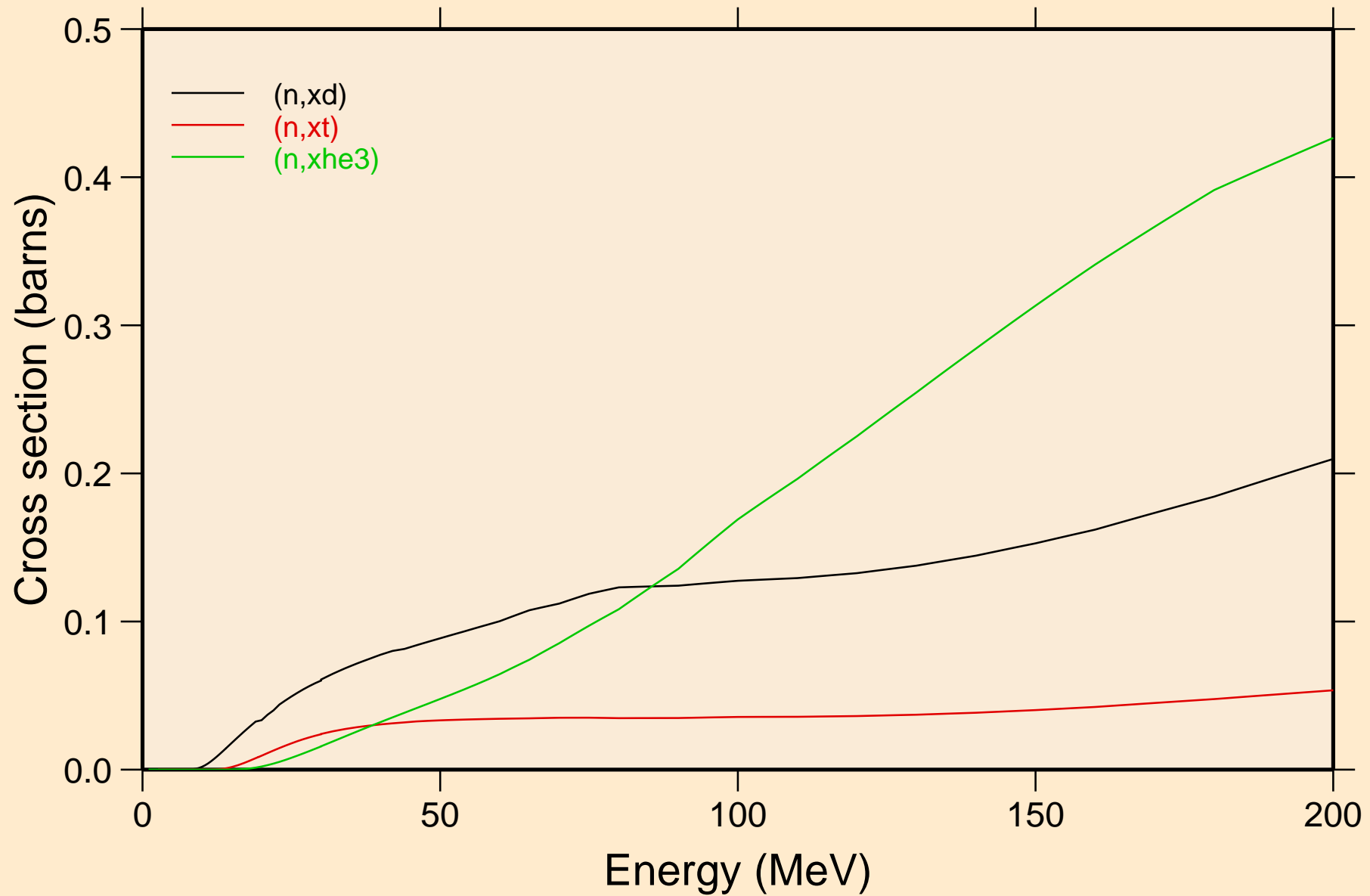
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



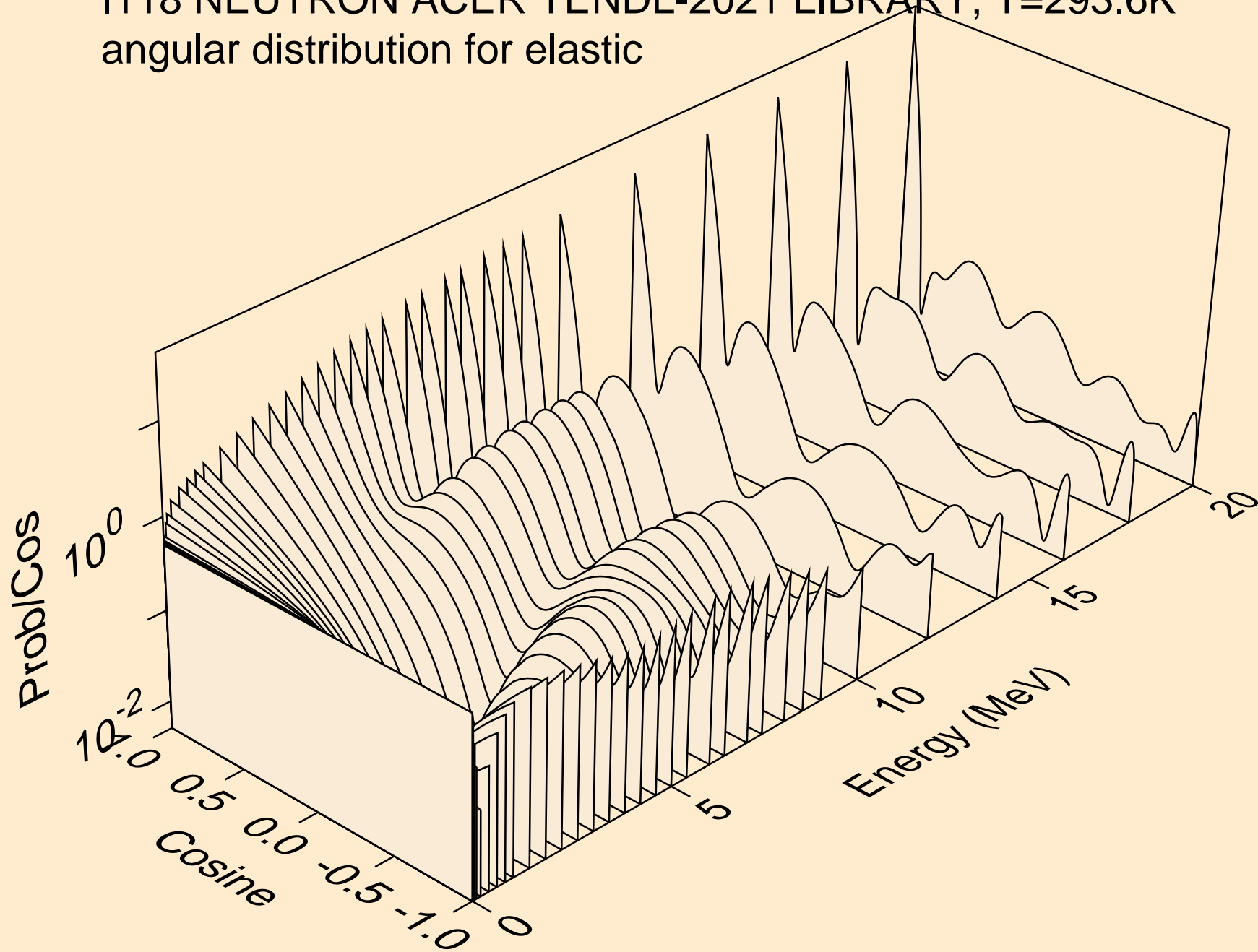
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



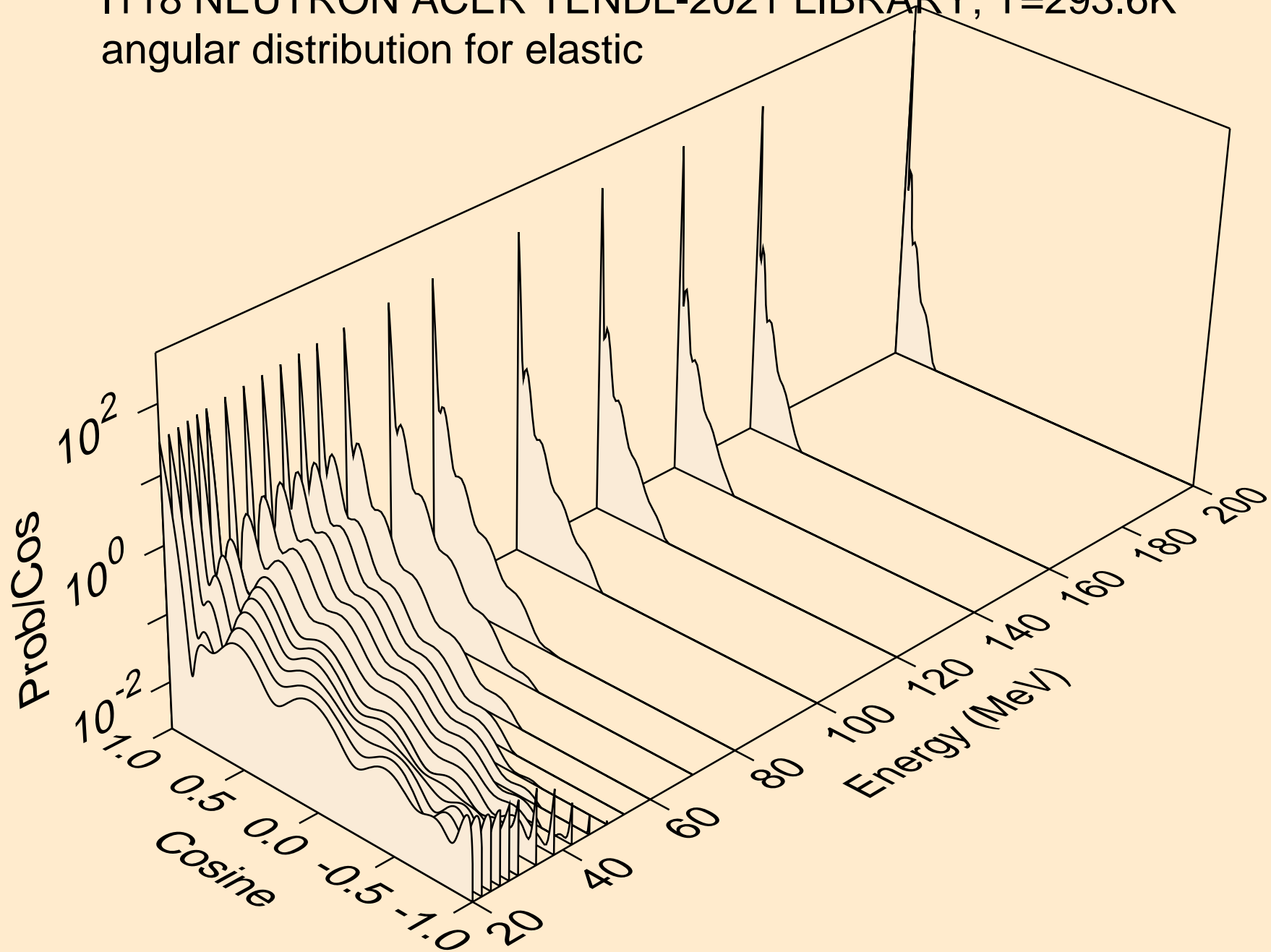
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



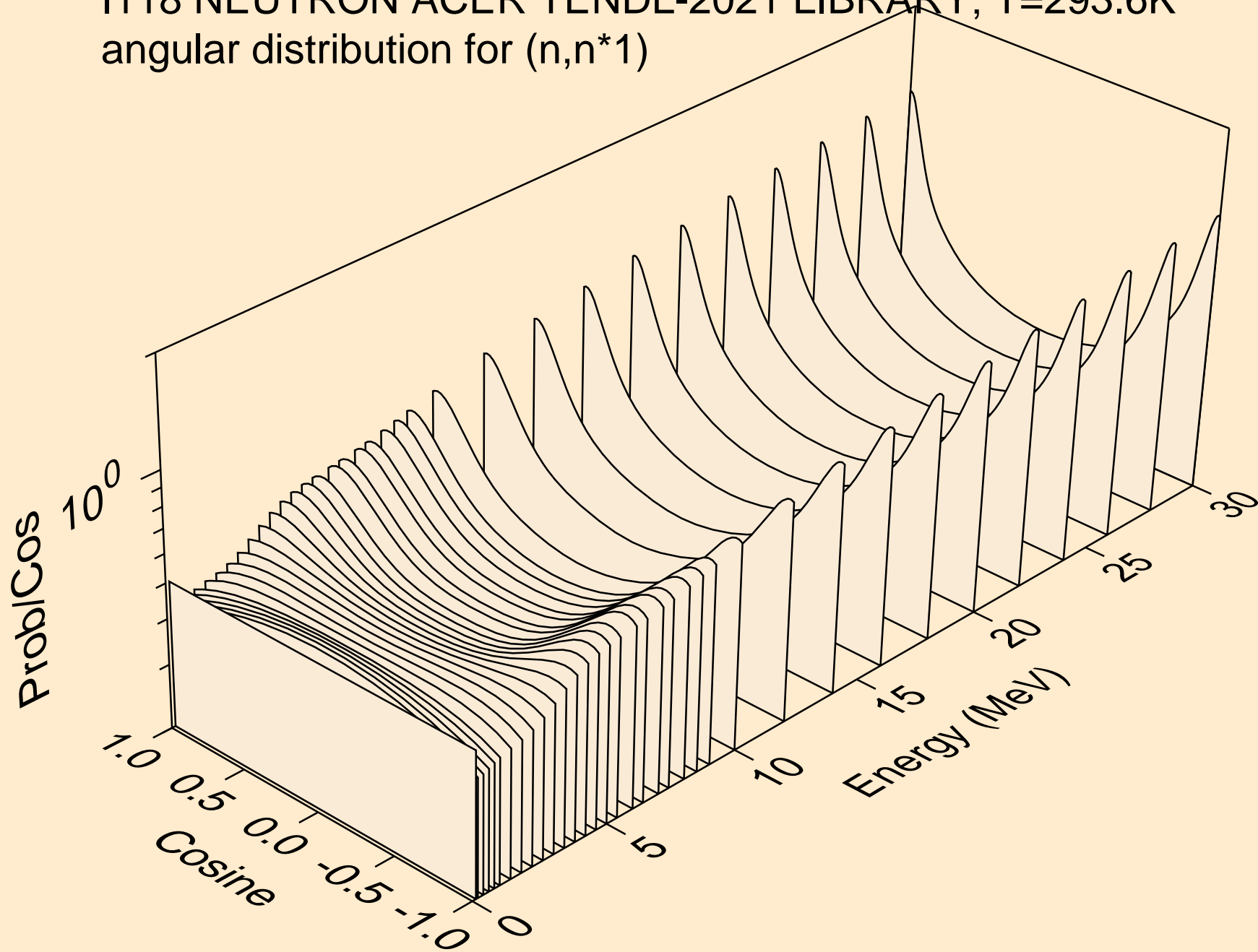
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



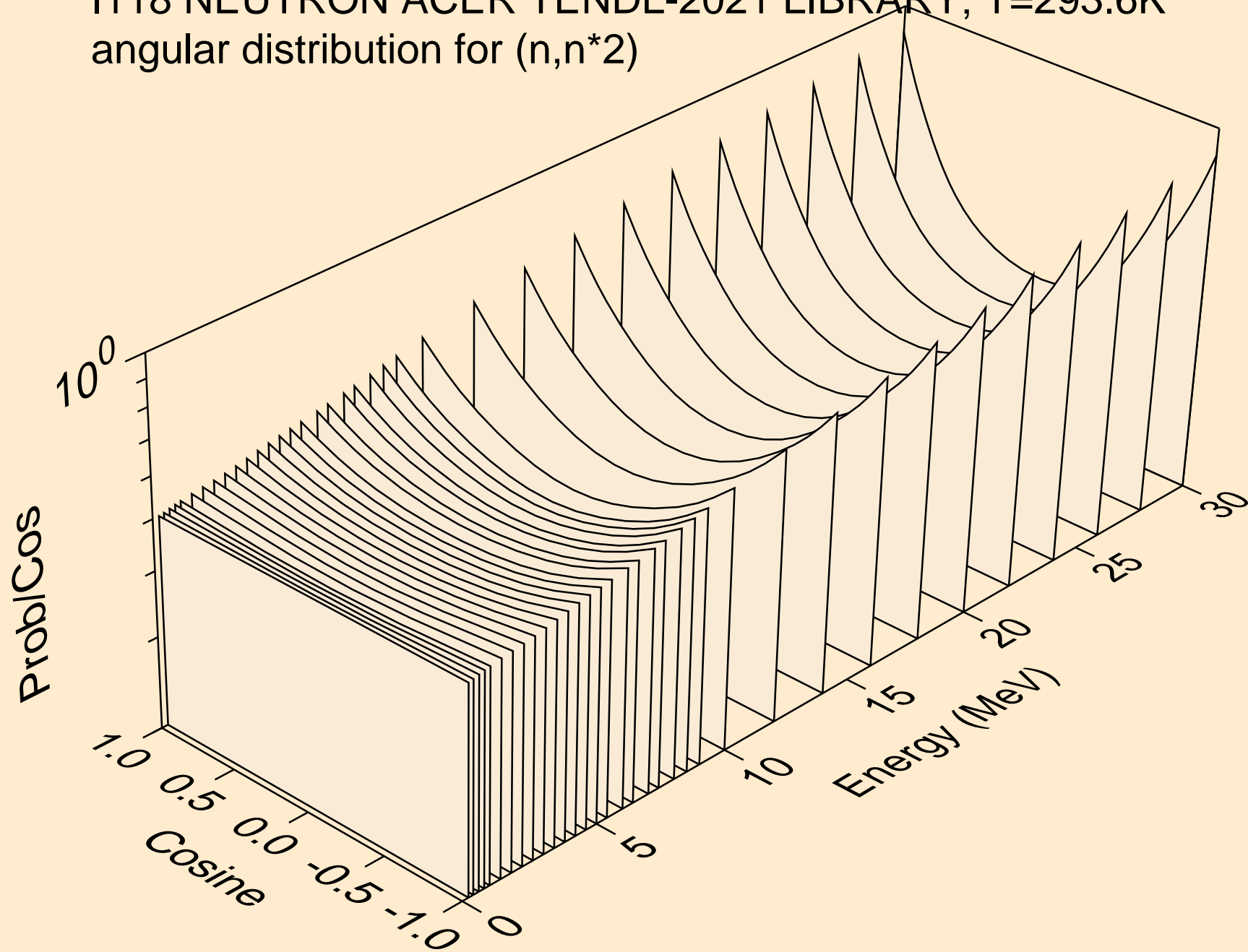
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



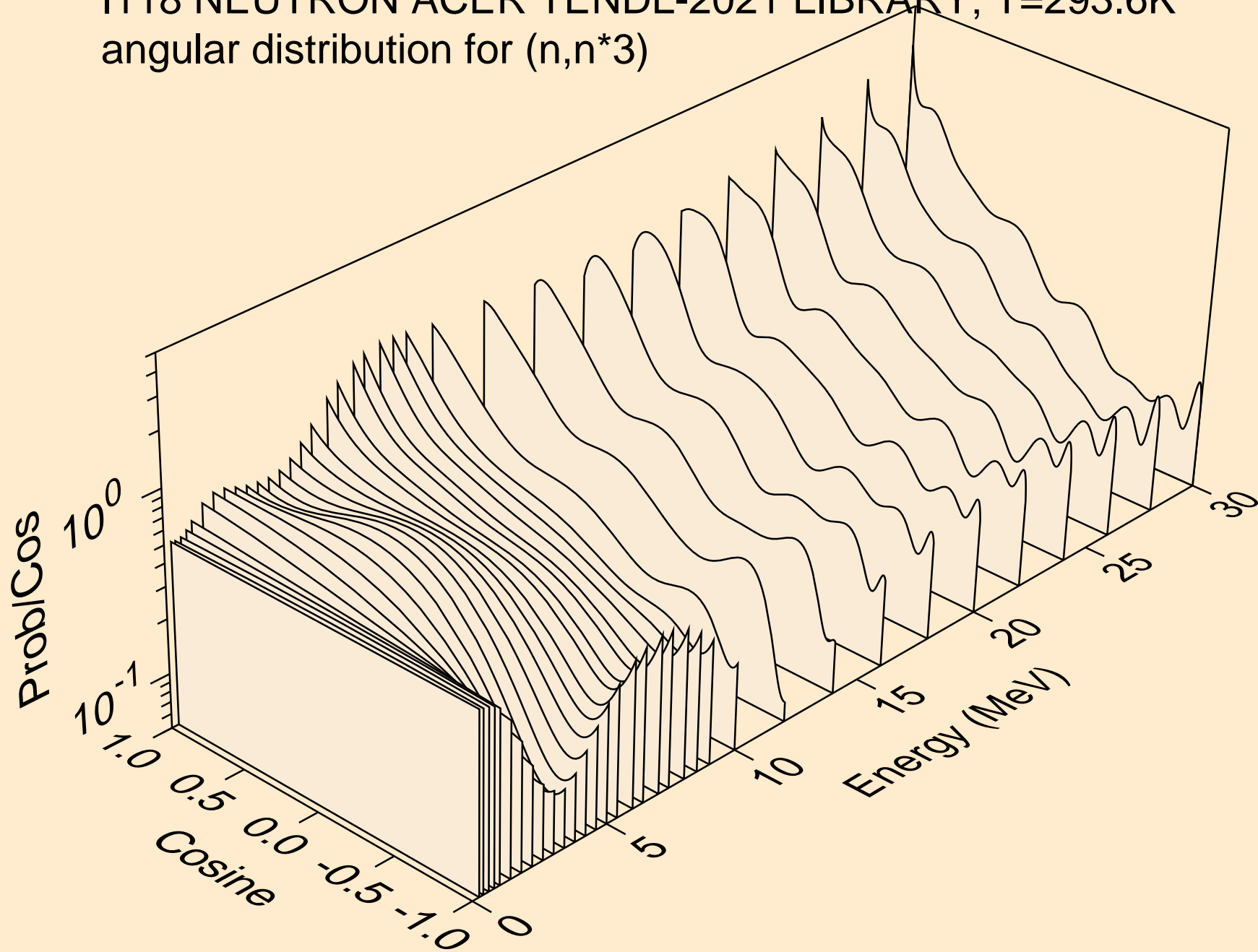
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)

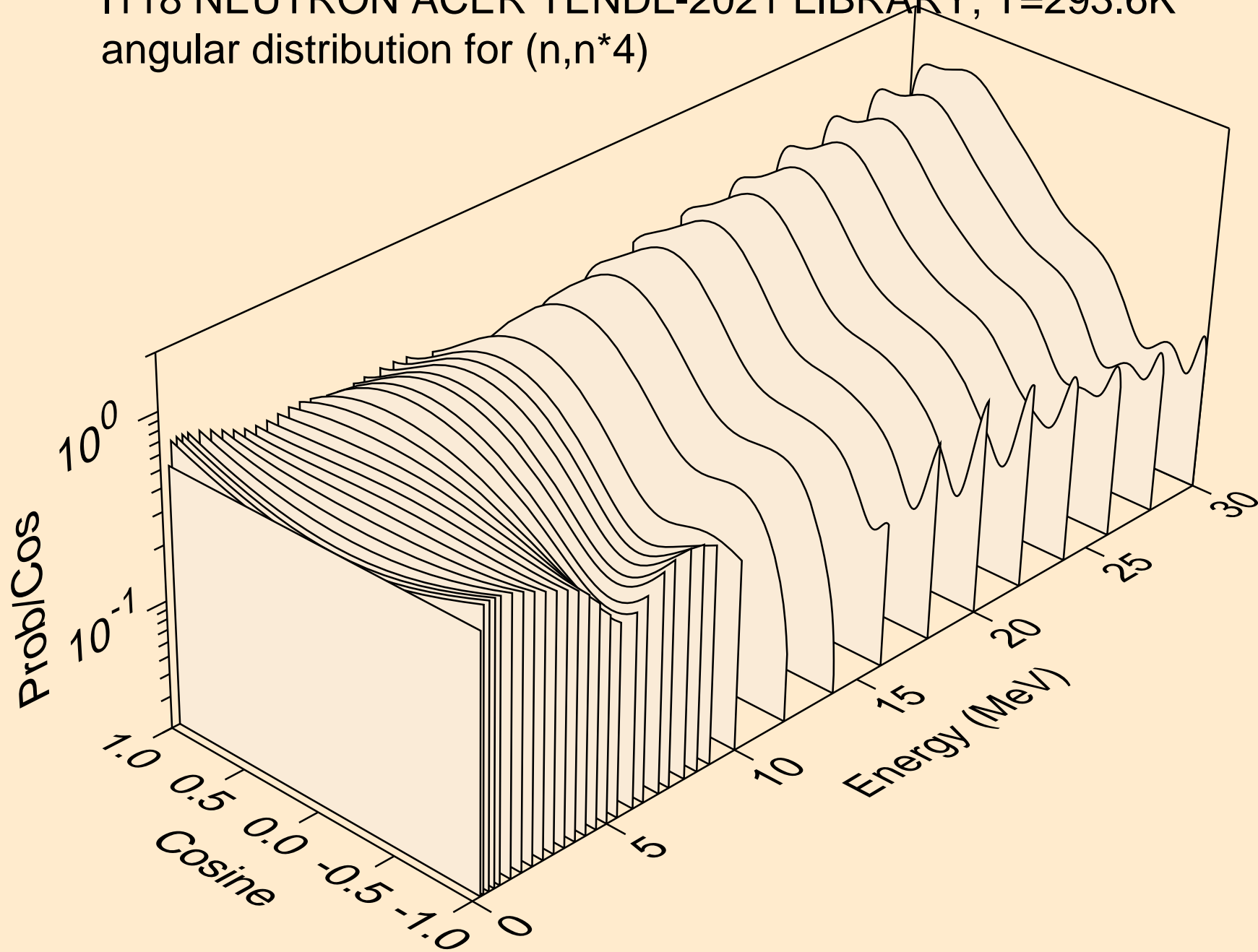


I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)

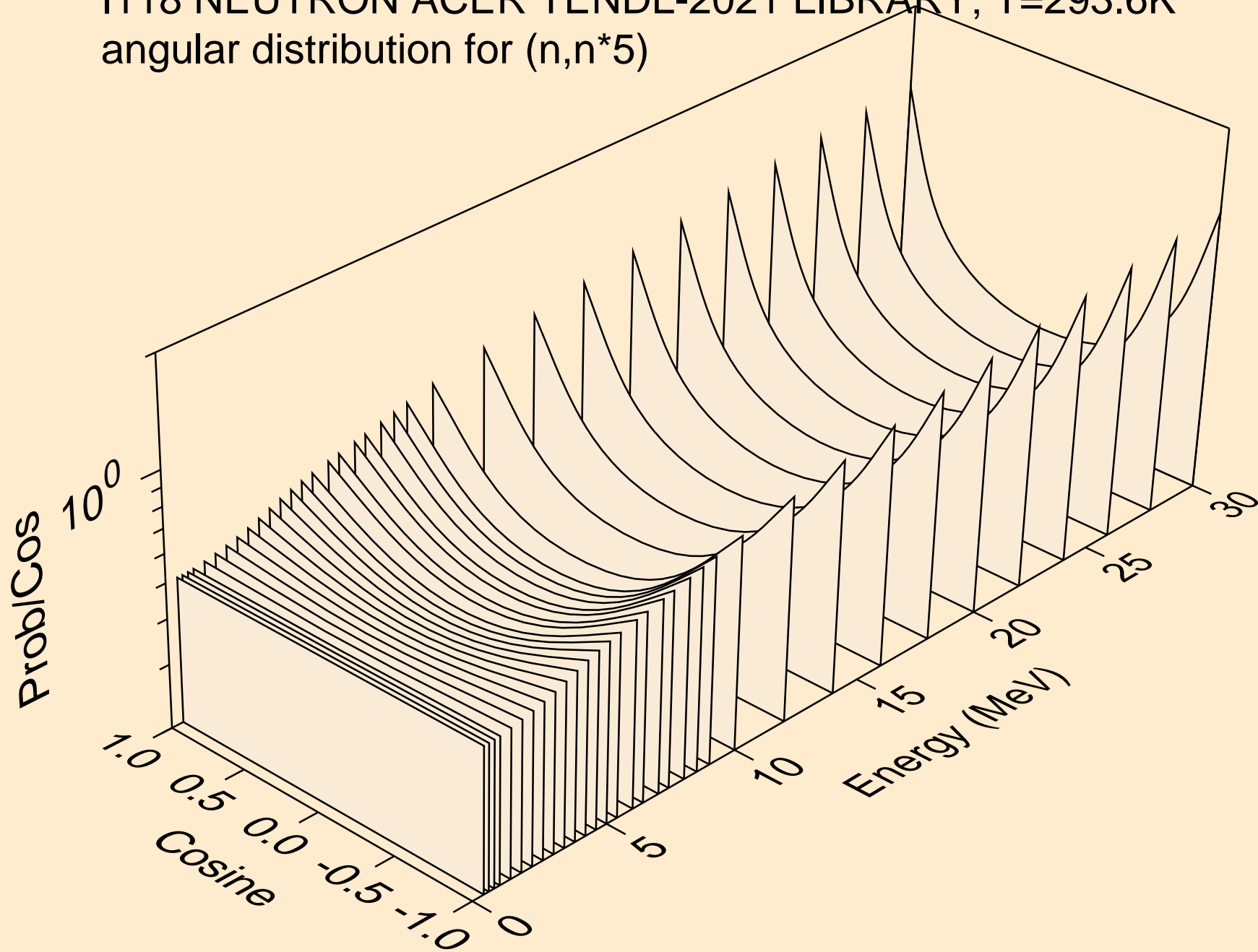




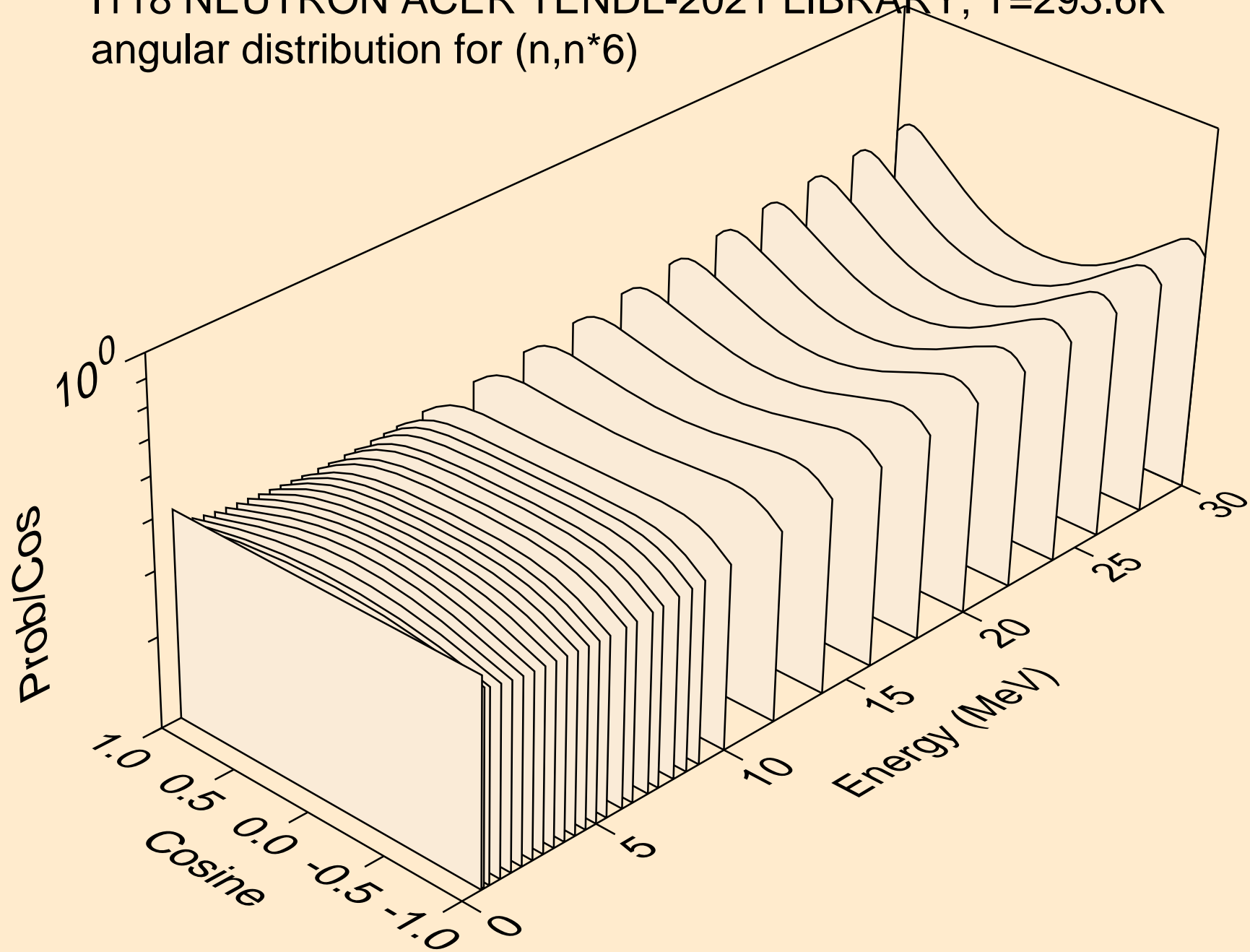
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angular distribution for (n,n\*4)



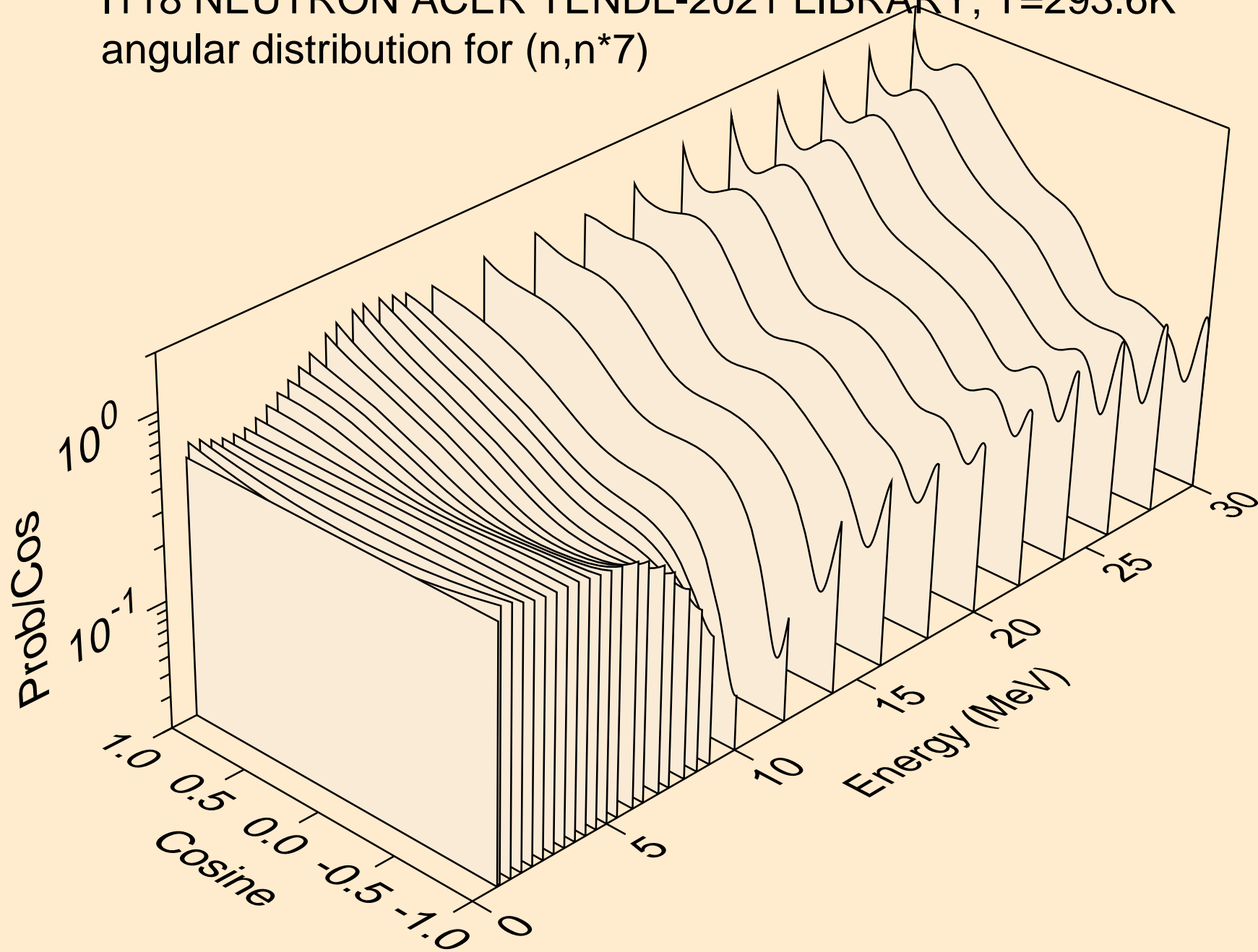
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



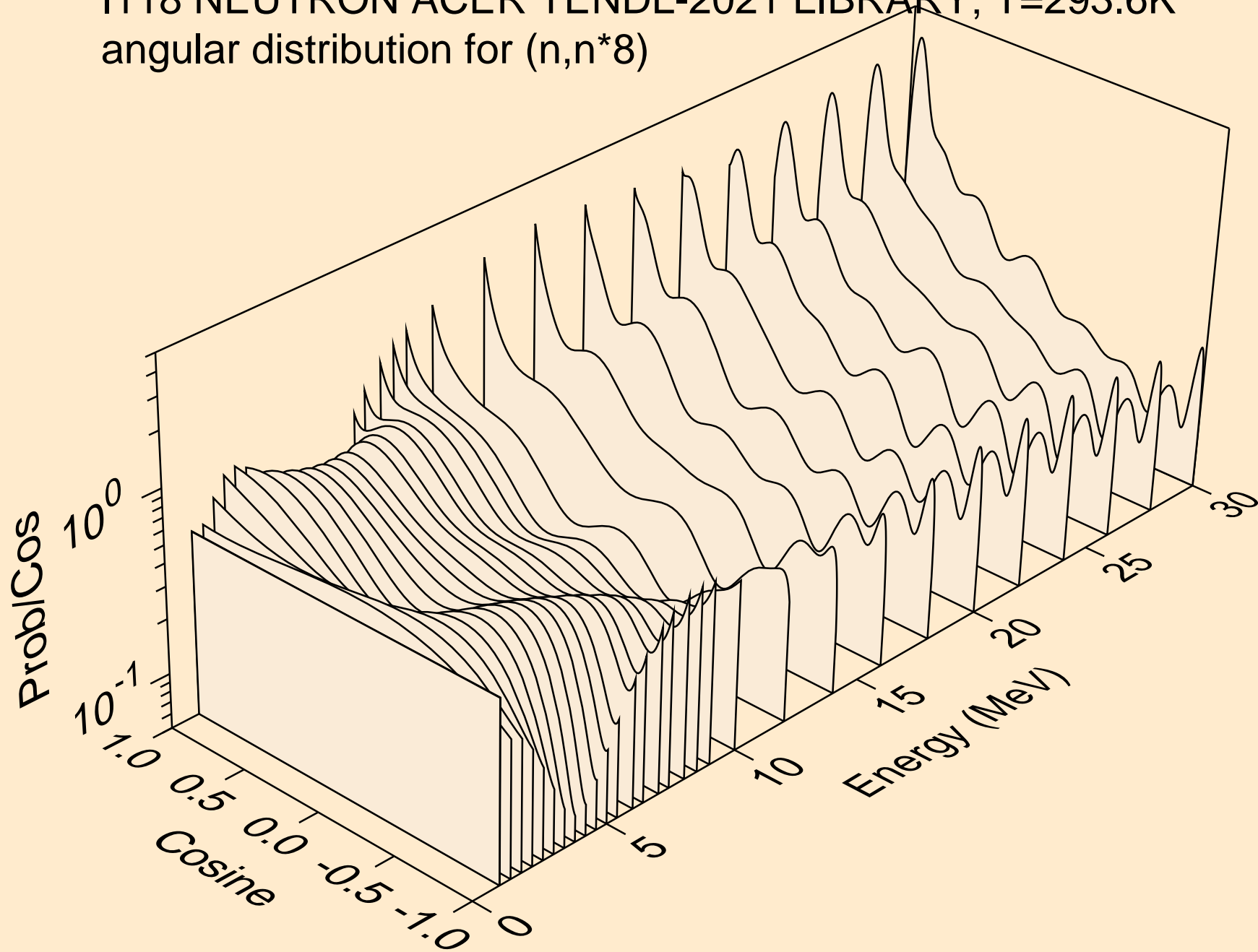
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angular distribution for (n,n\*6)



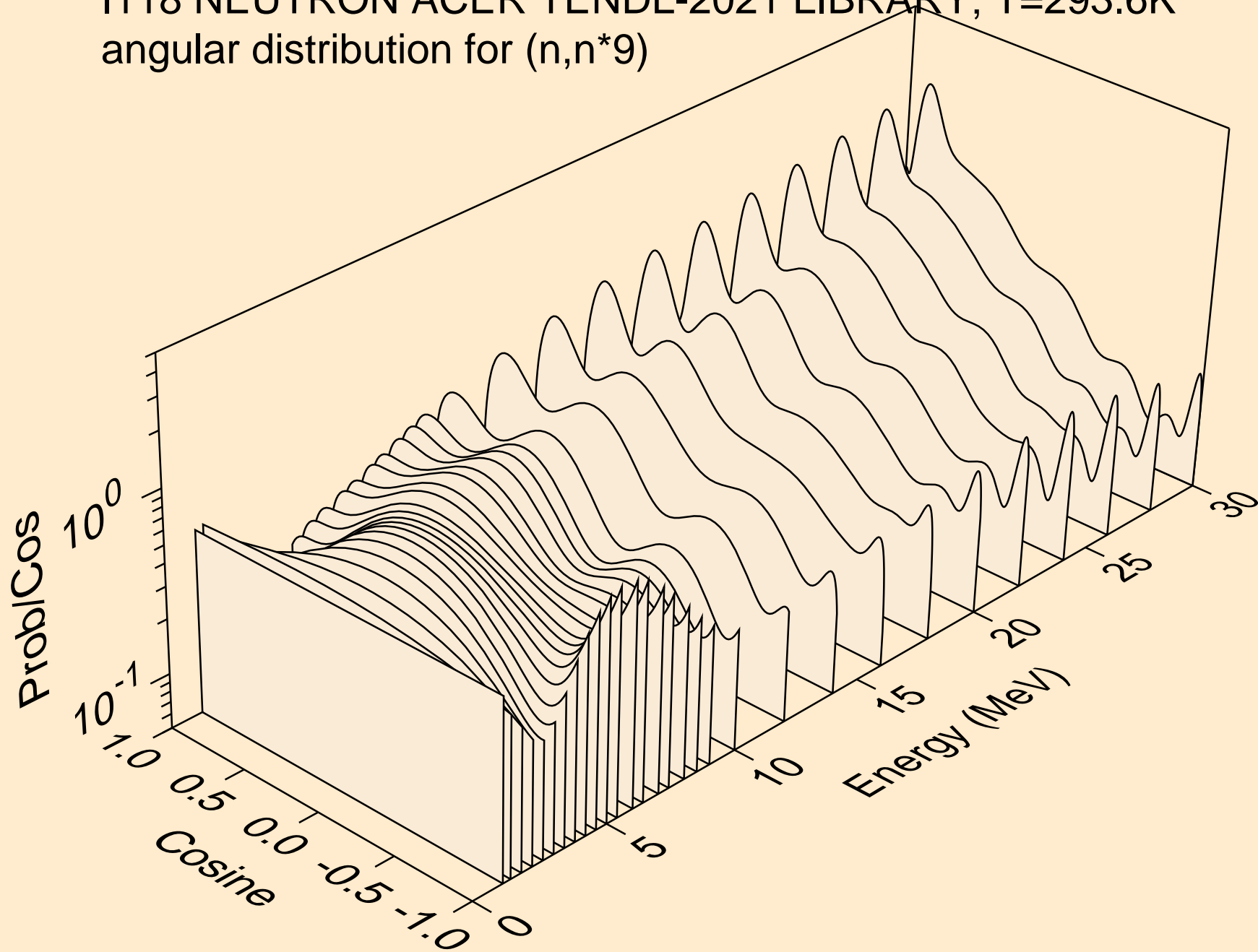
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angular distribution for (n,n\*7)



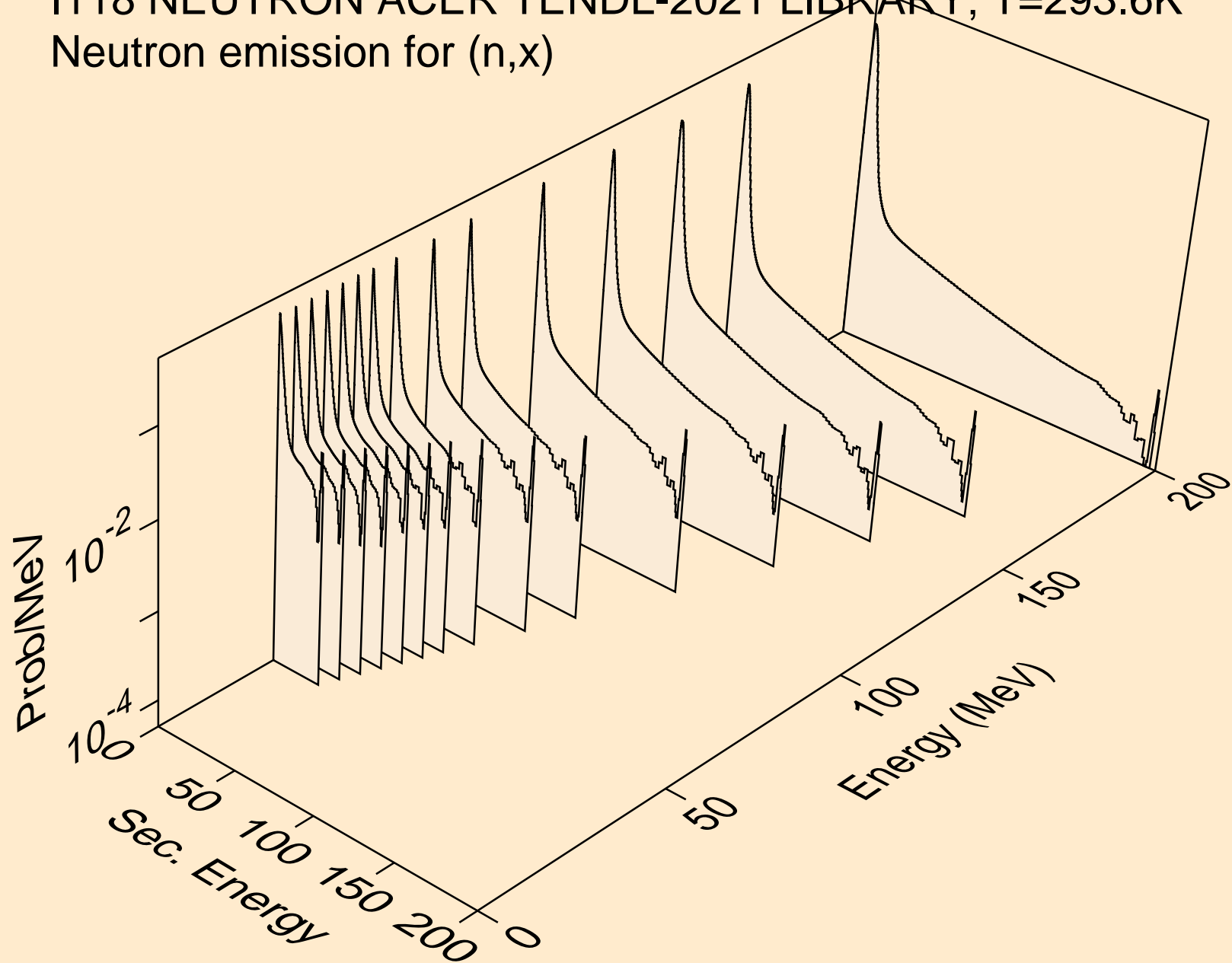
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angular distribution for (n,n\*8)



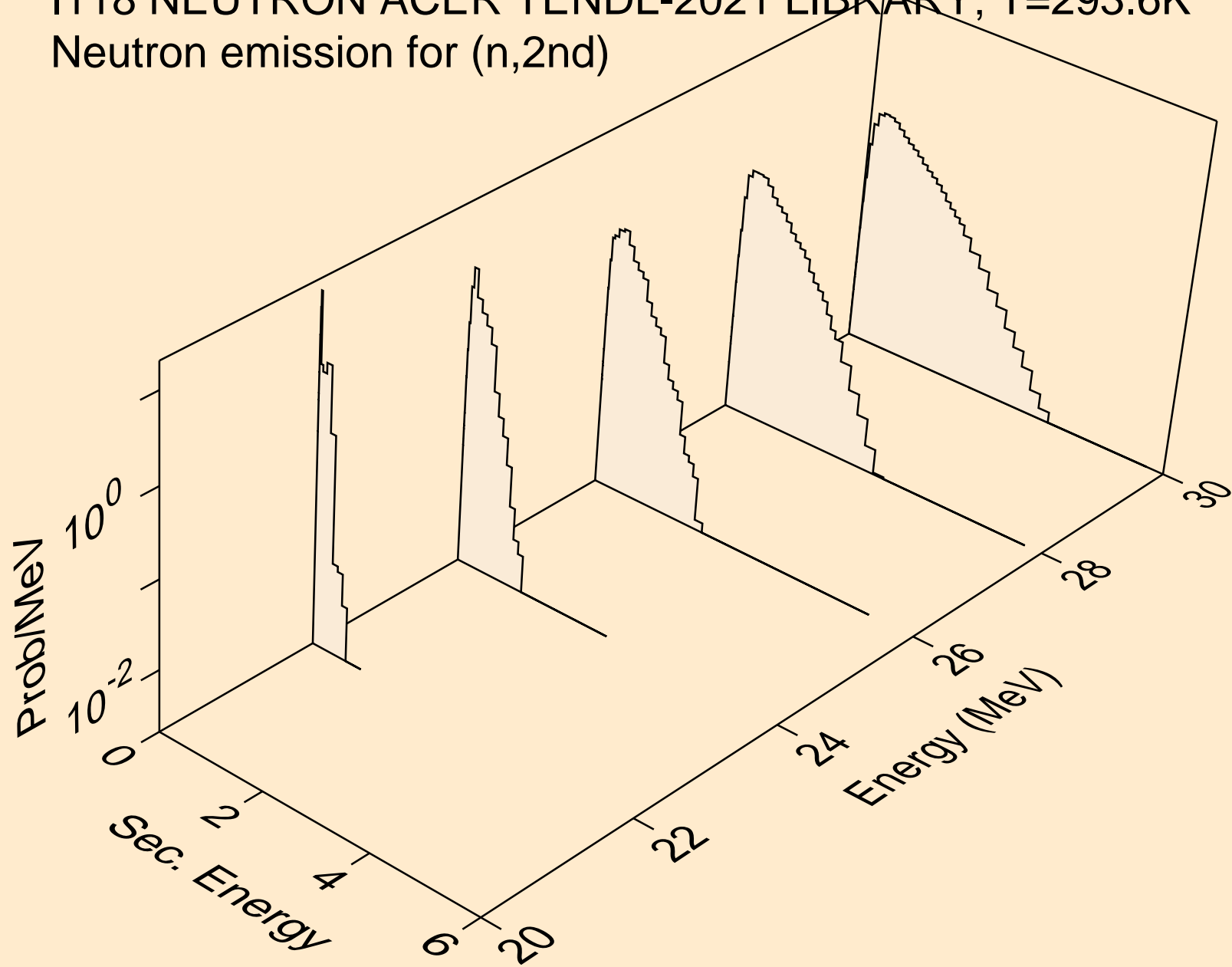
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)

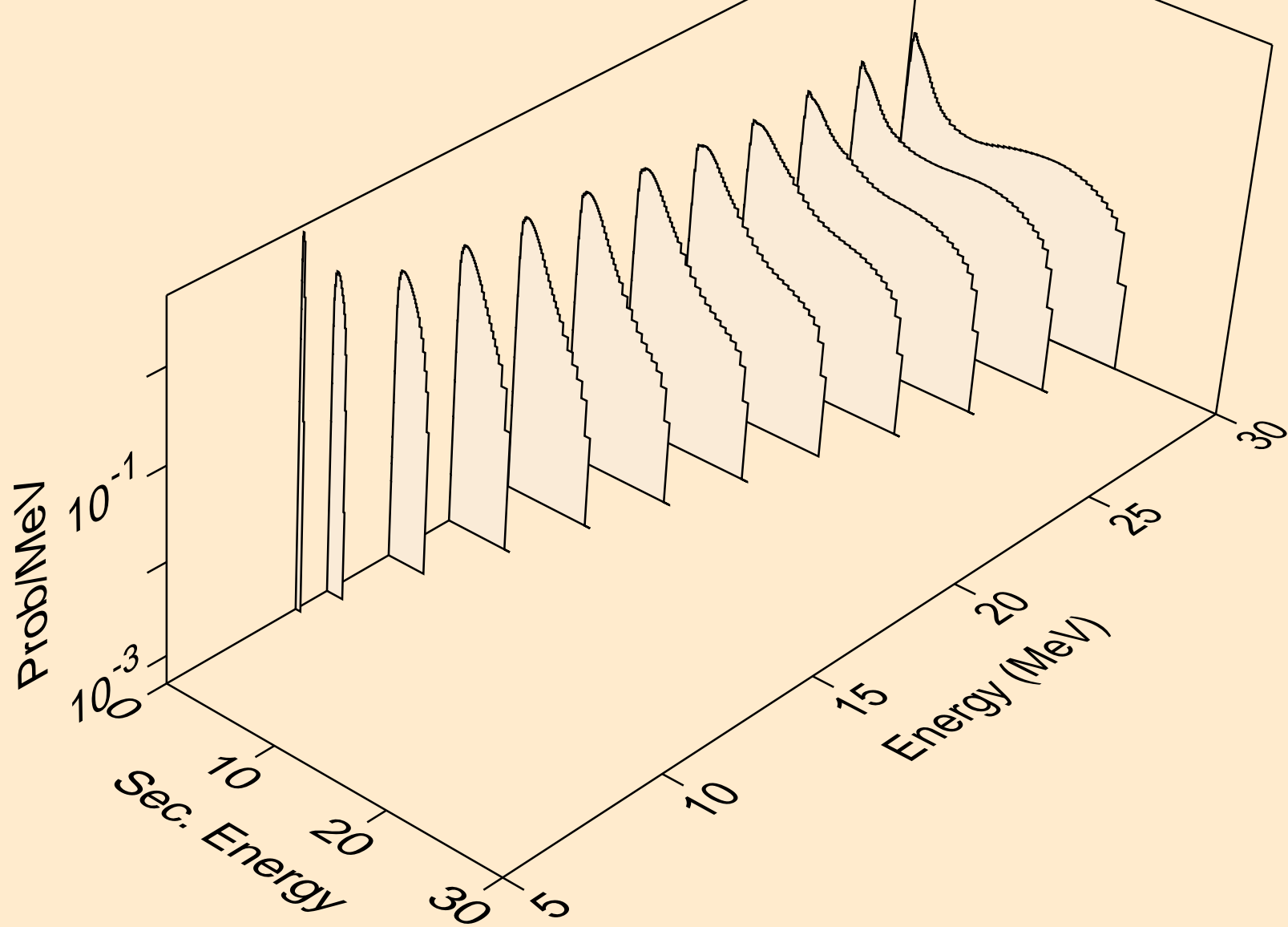


I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)

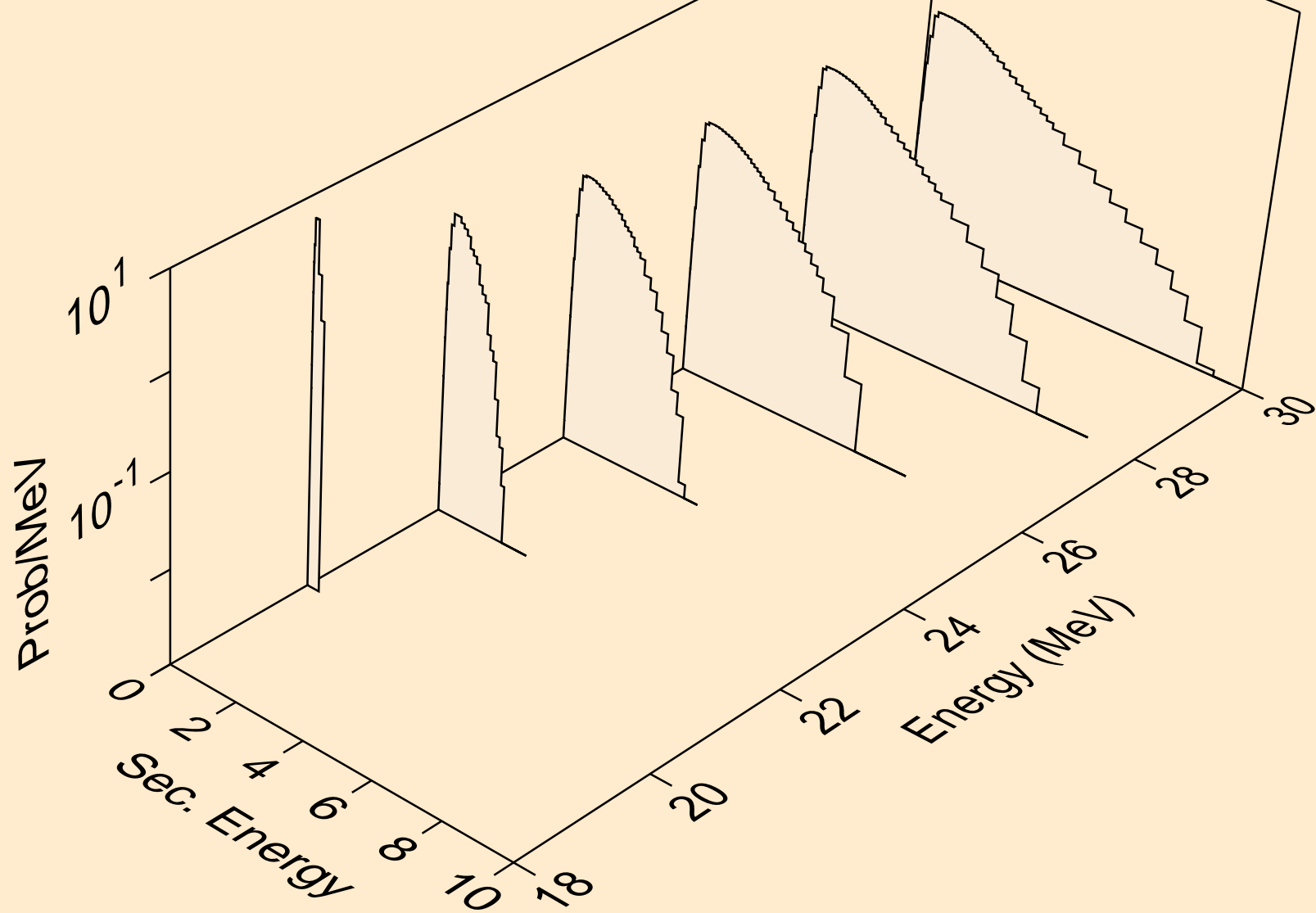




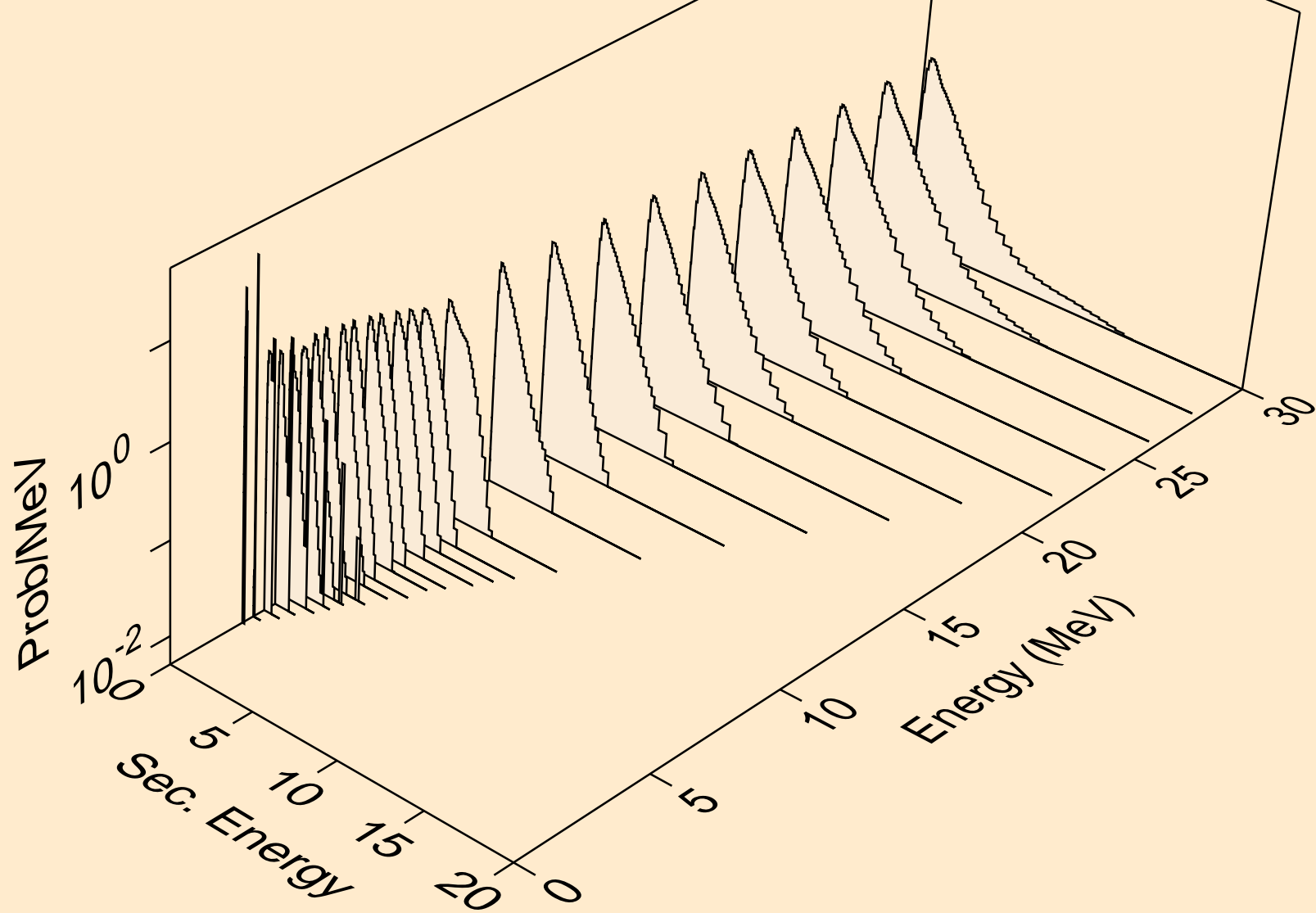
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



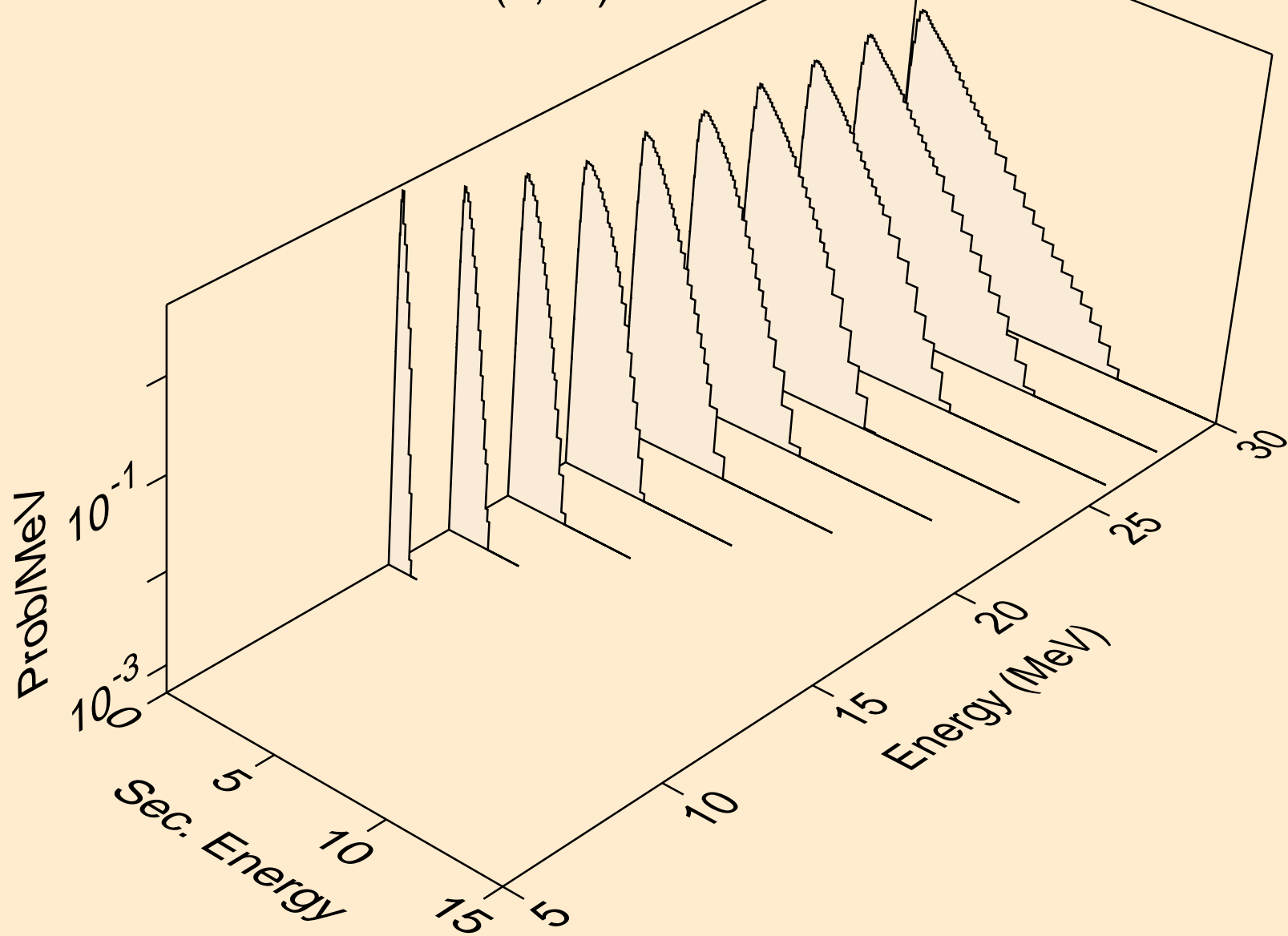
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



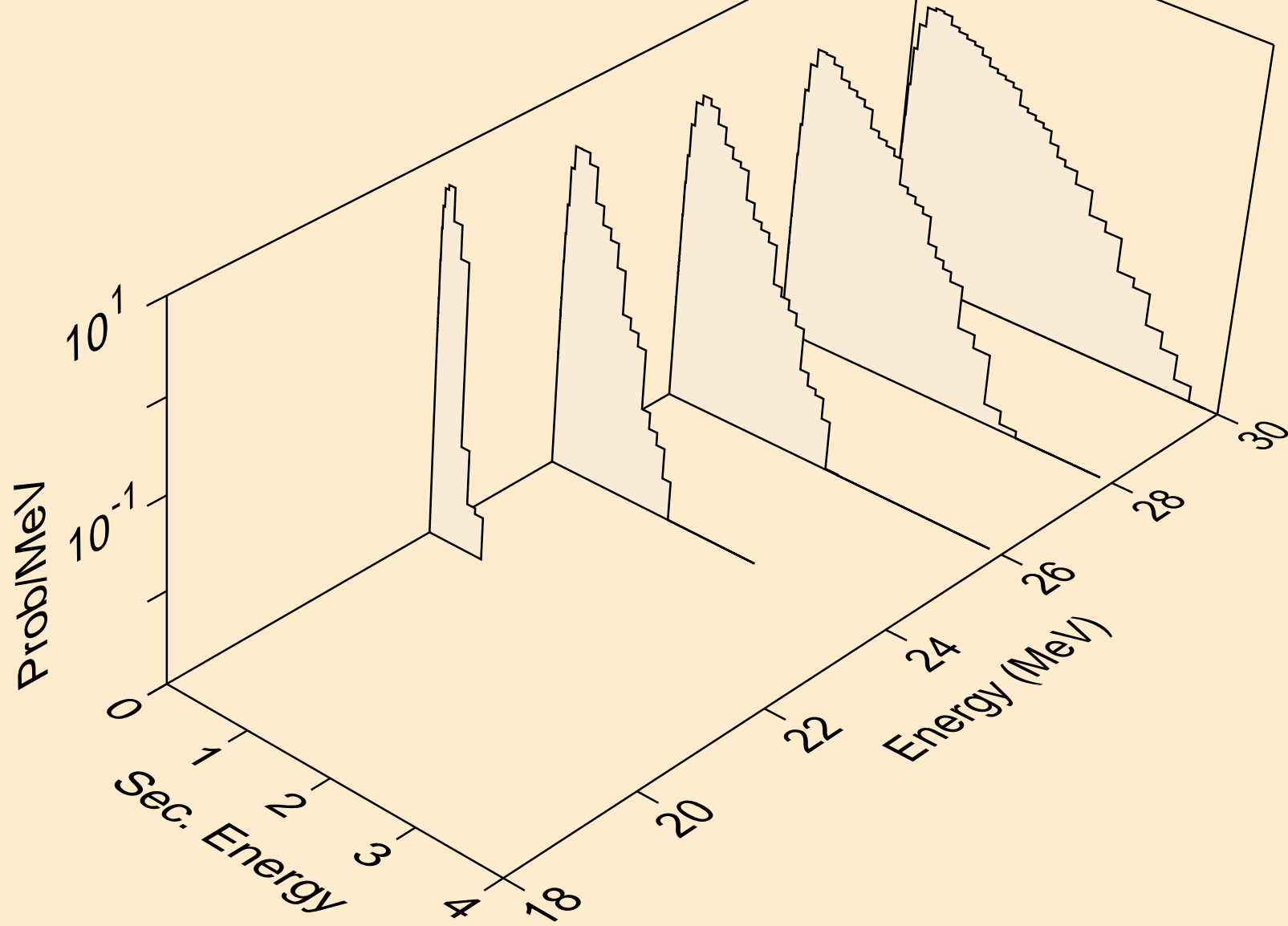
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



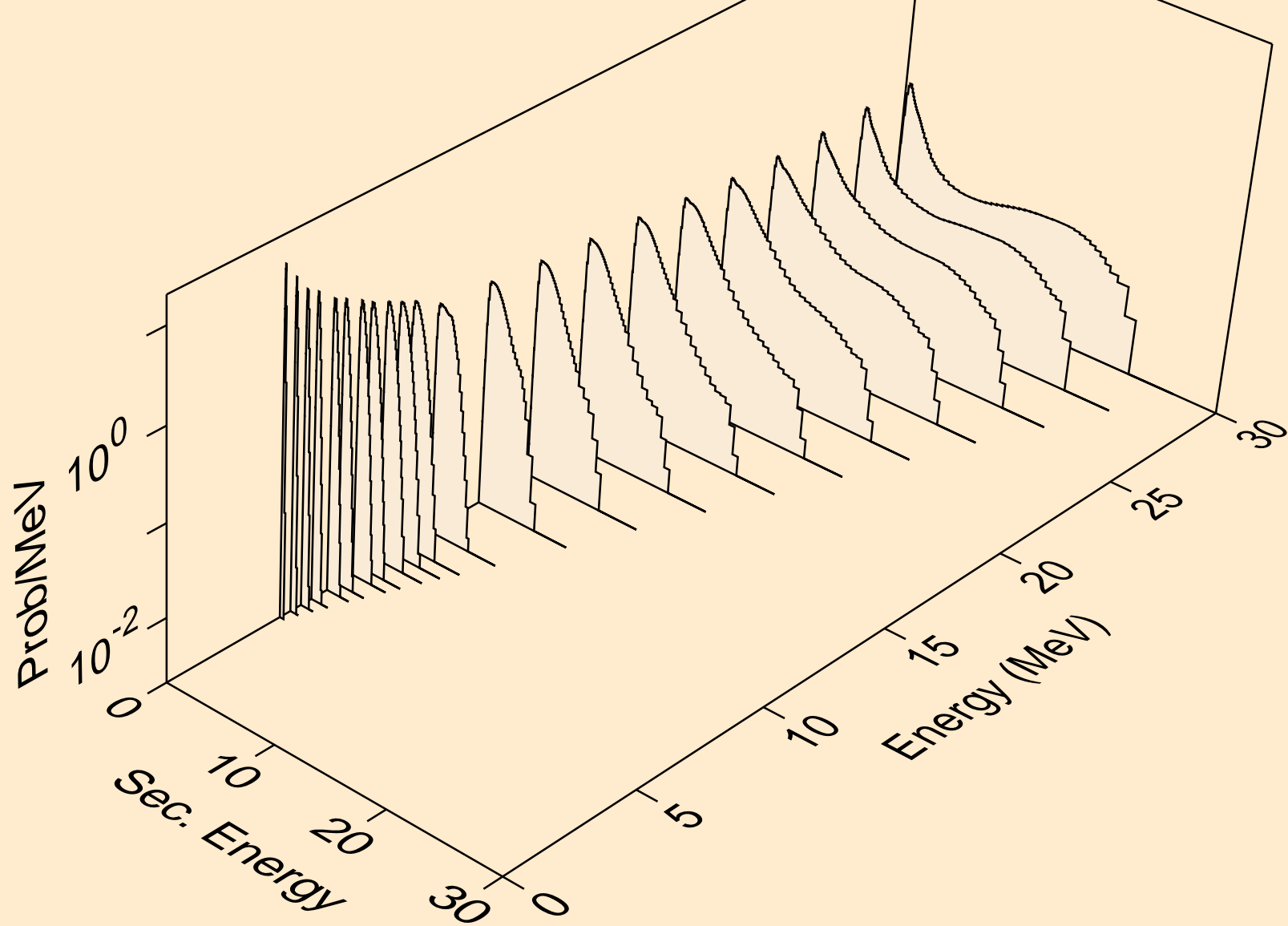
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



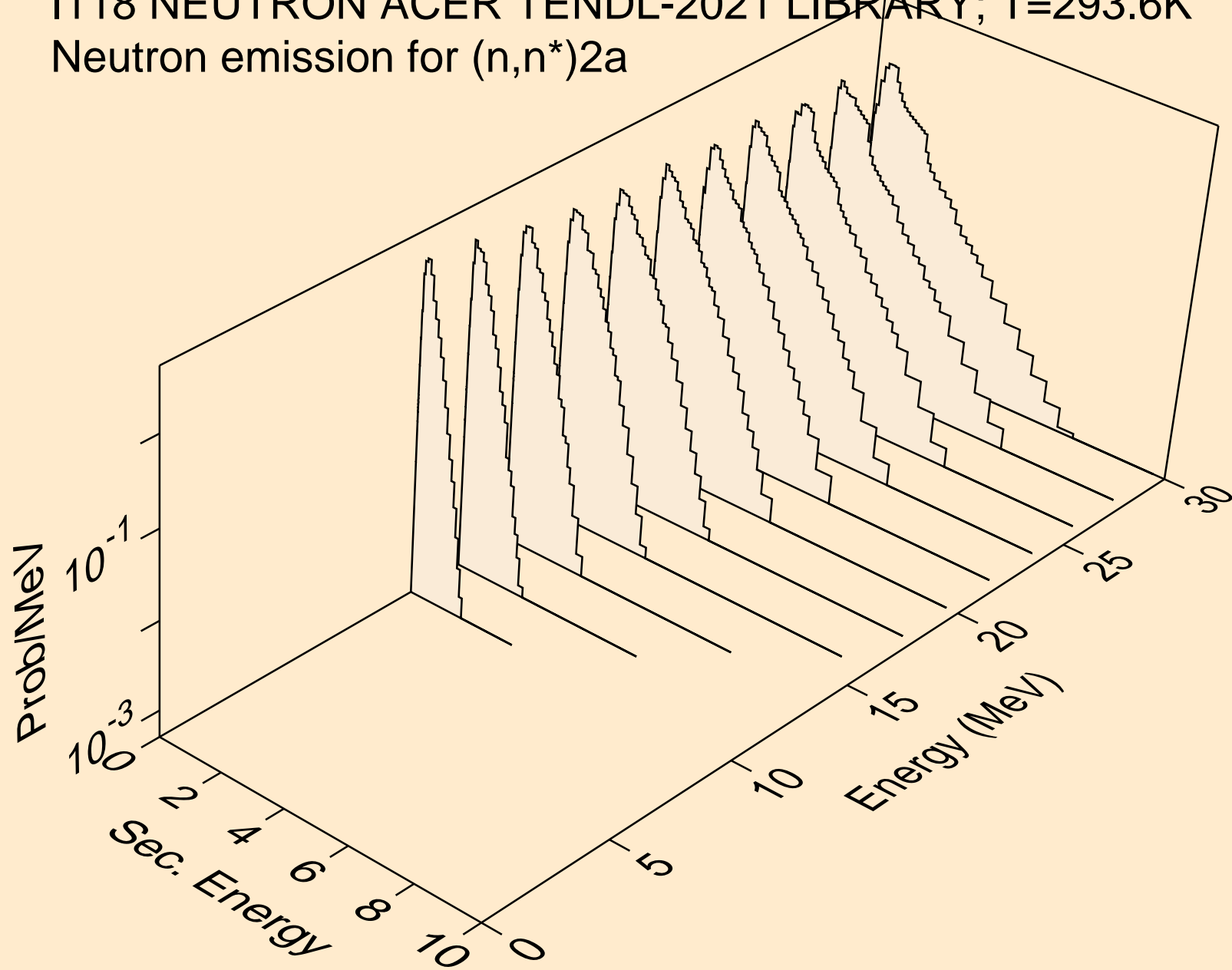
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



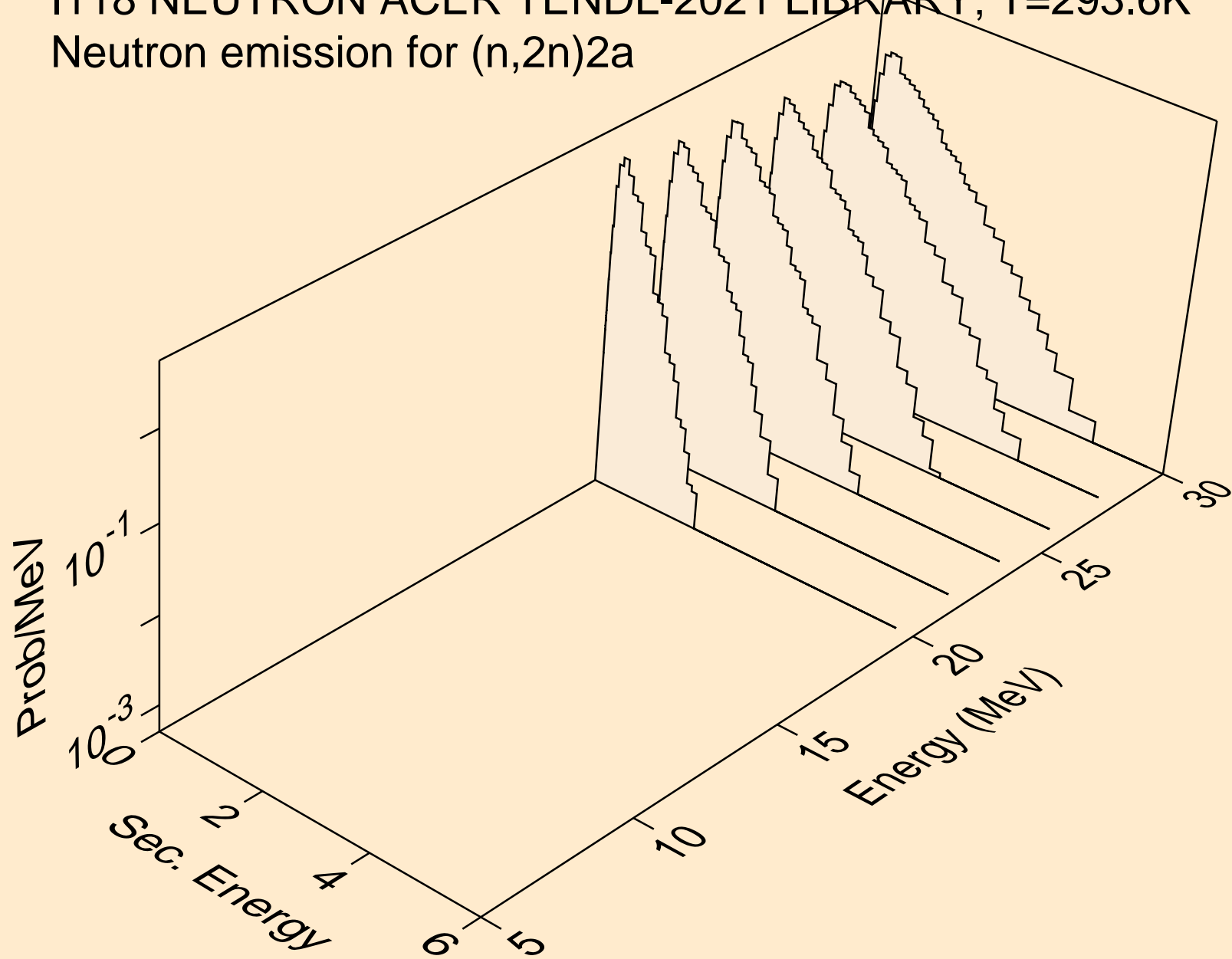
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a

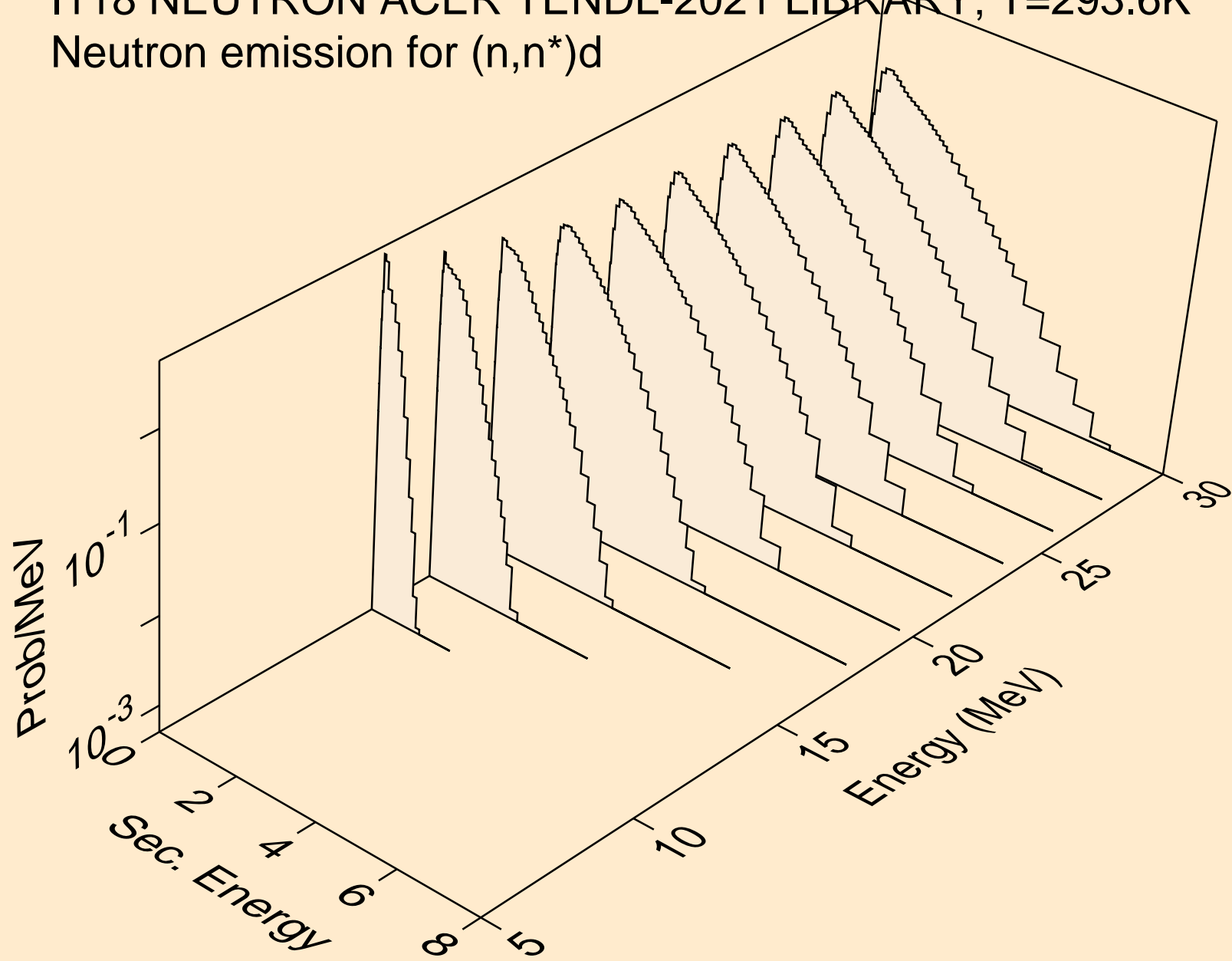


I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a

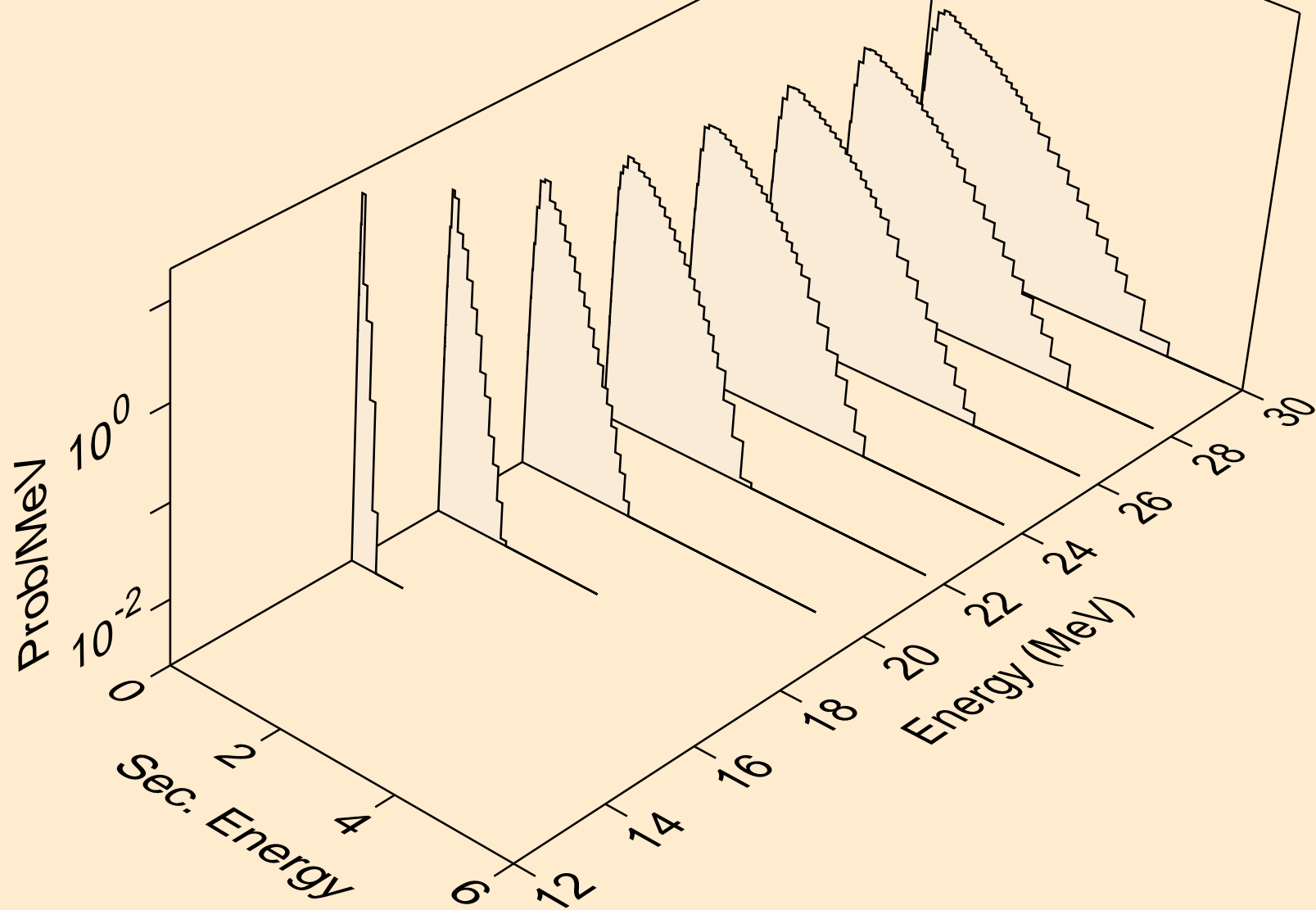




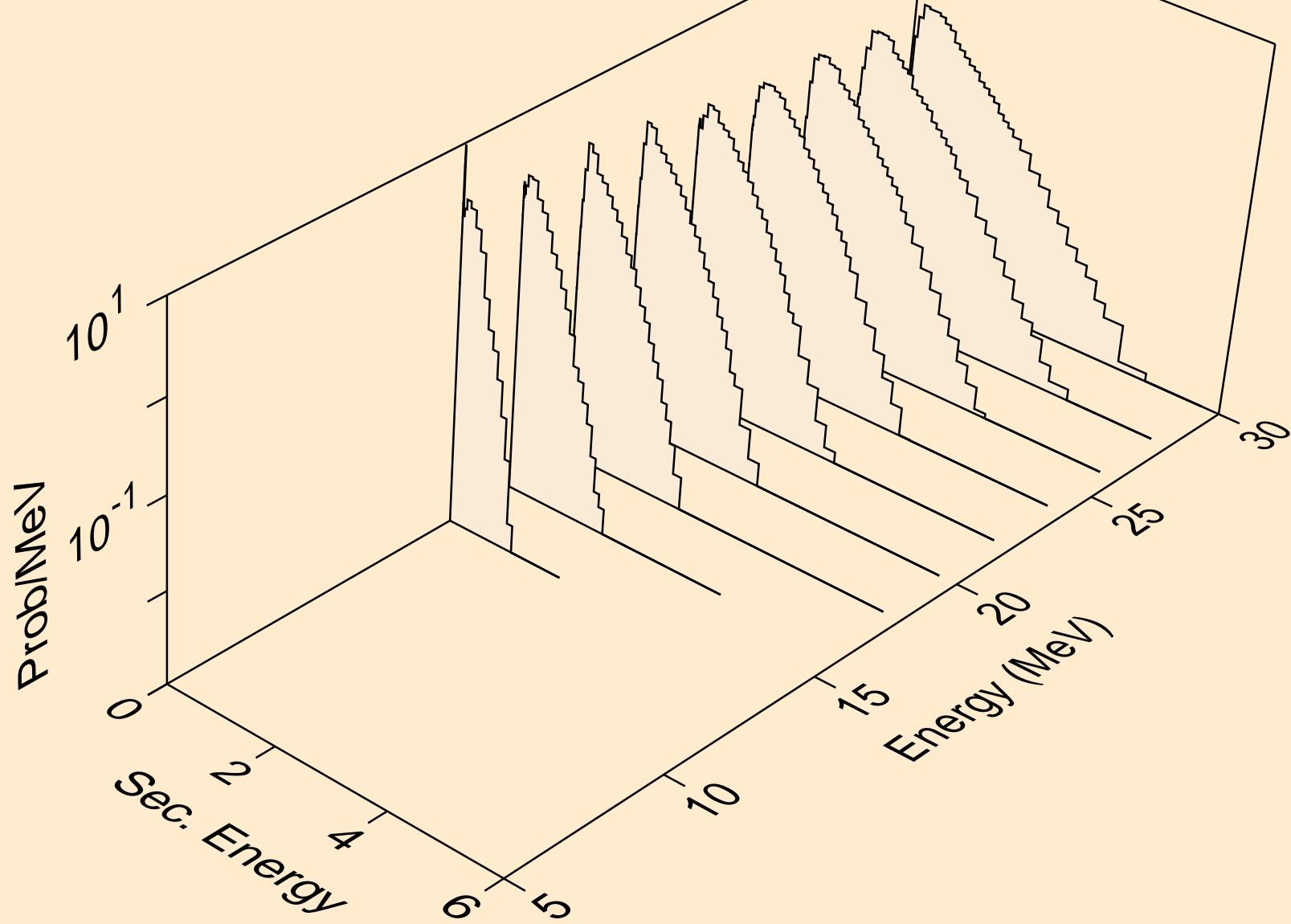
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



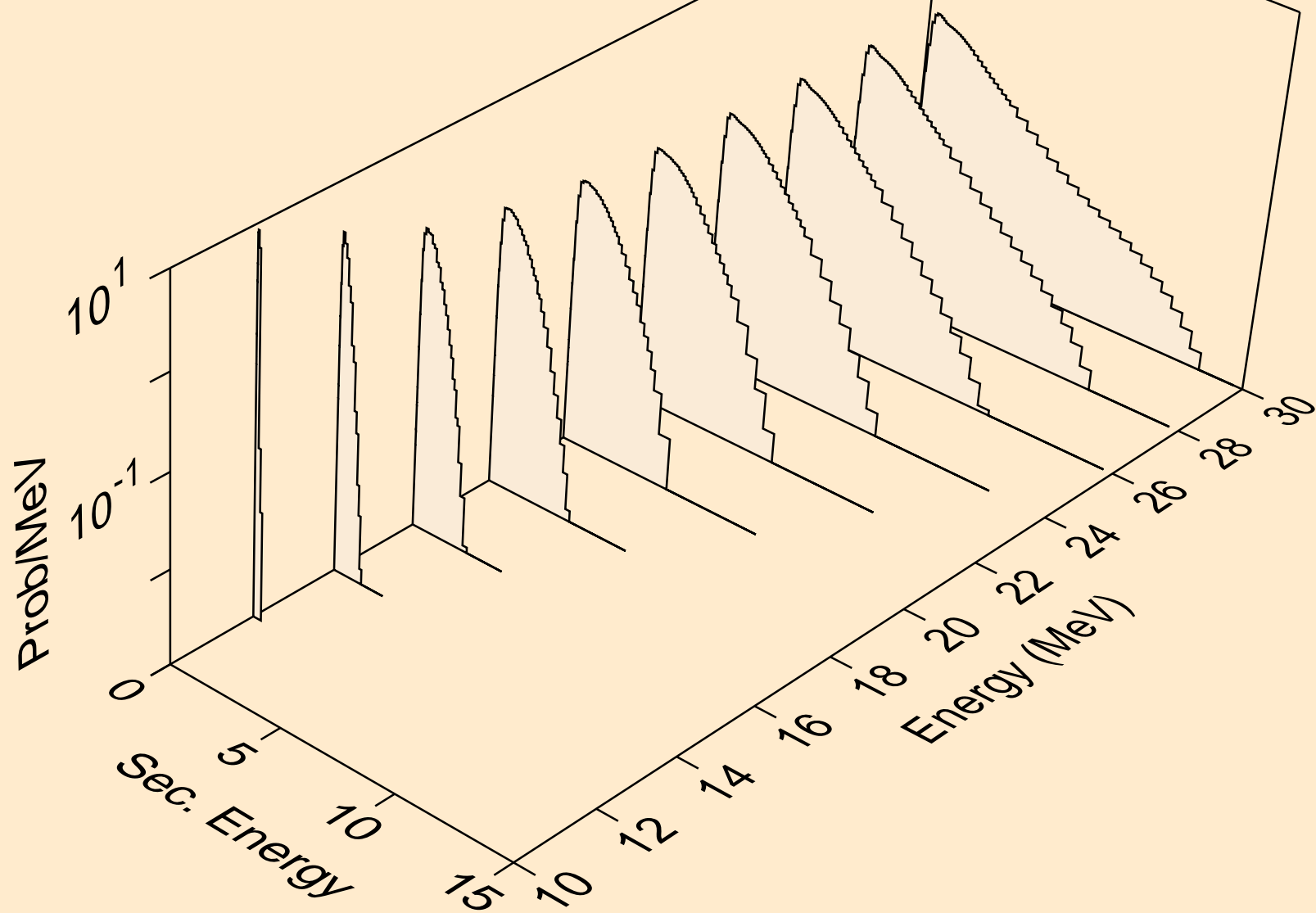
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Neutron emission for (n,n\*)t



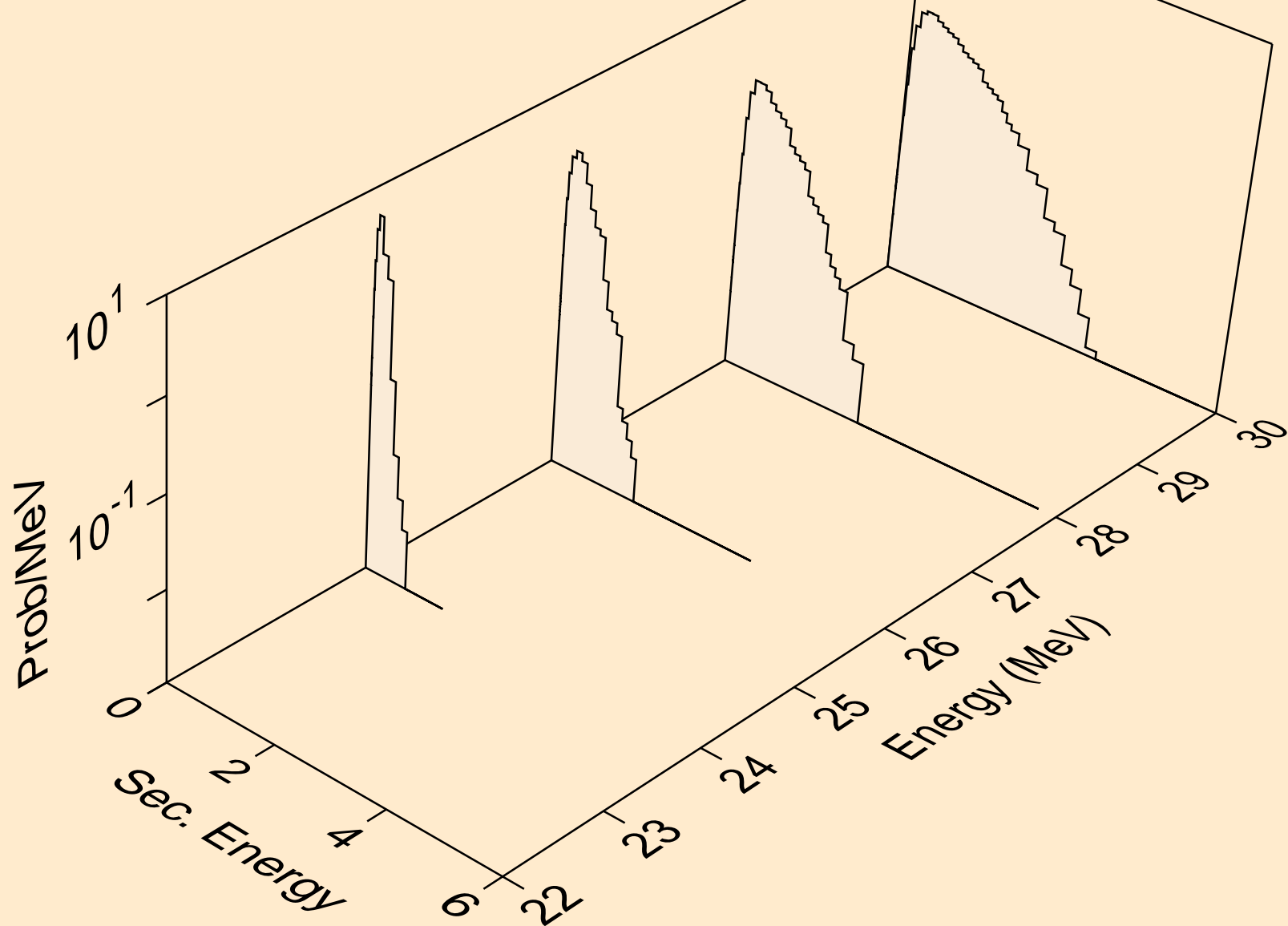
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



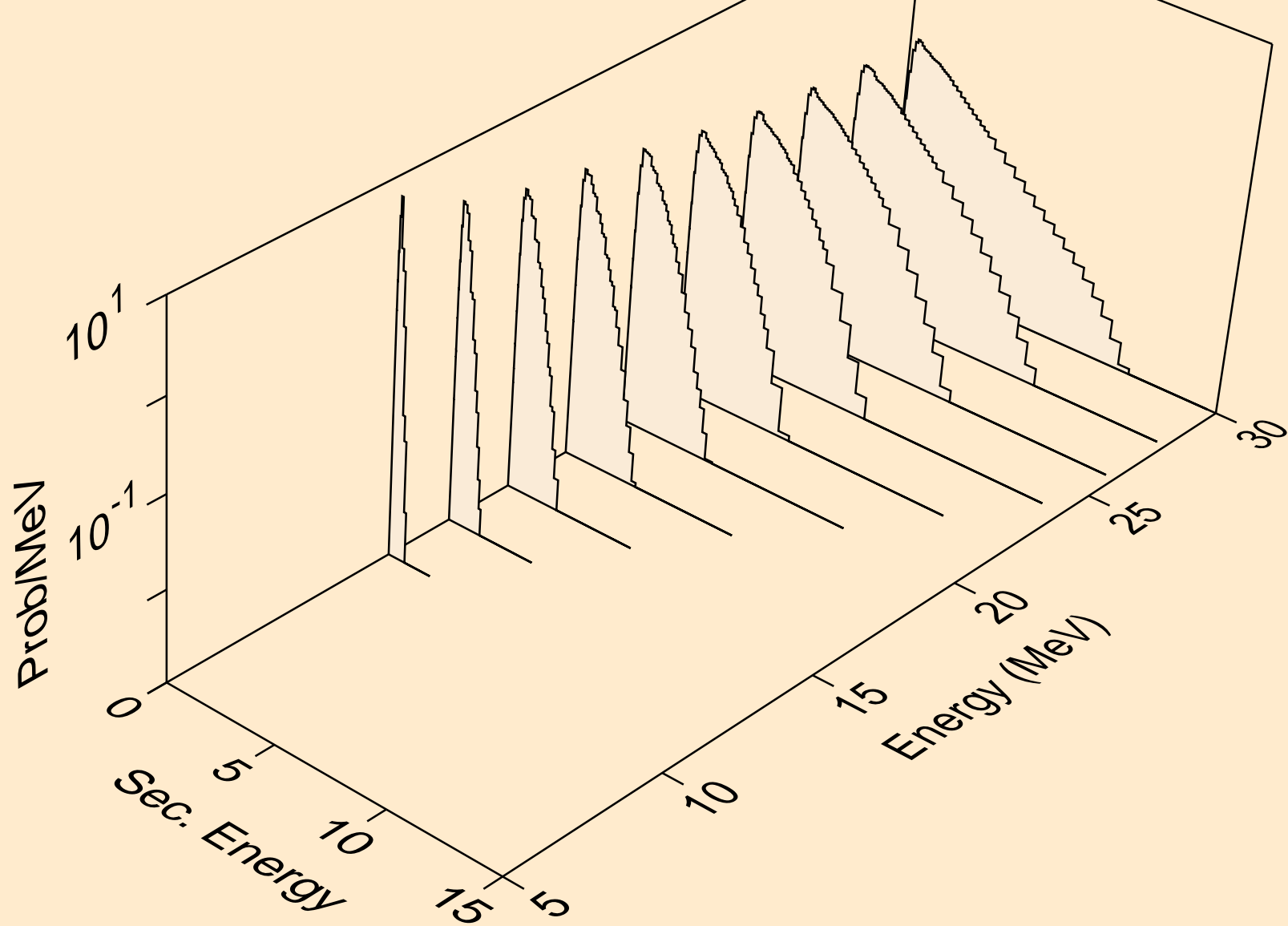
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



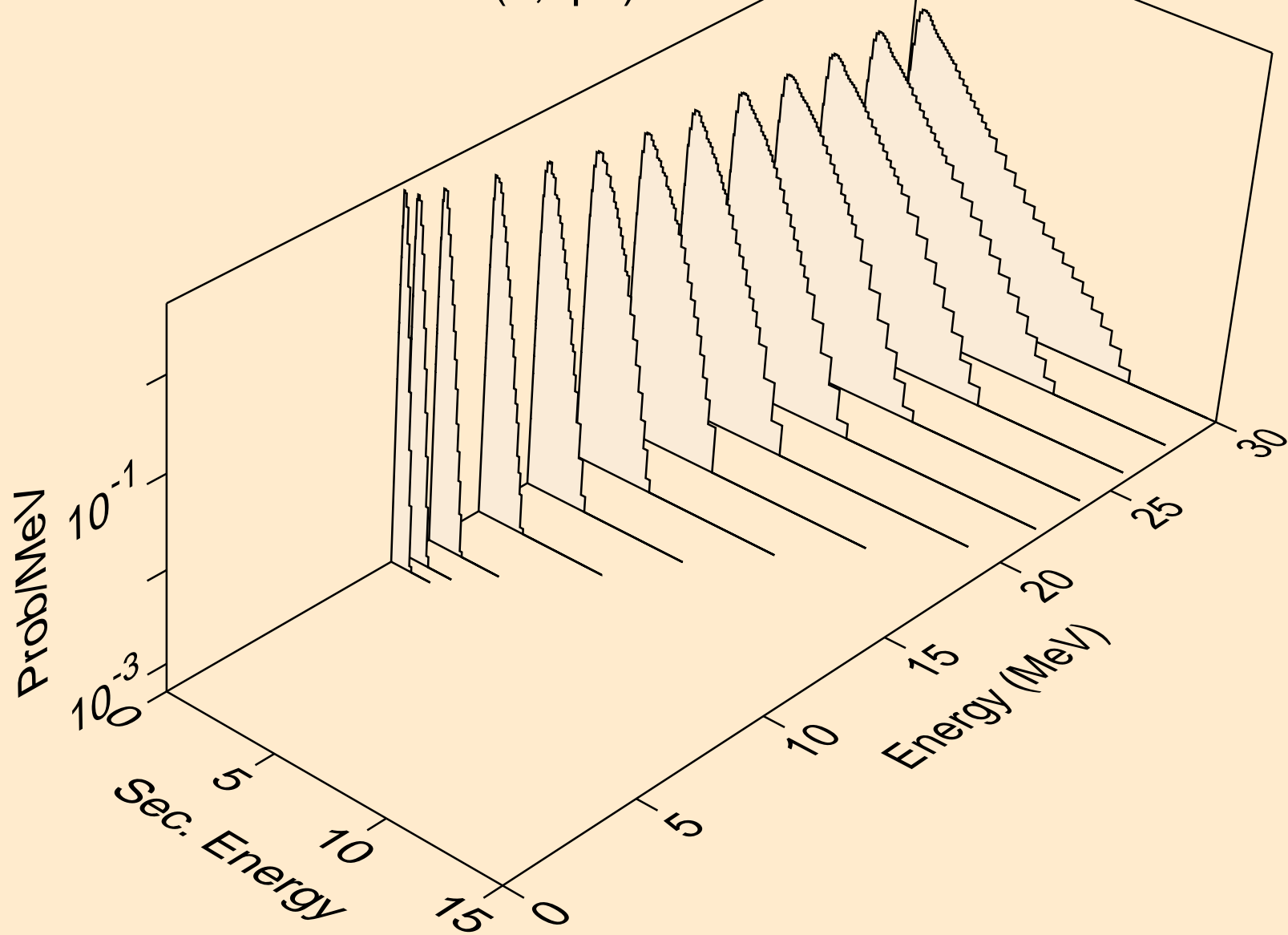
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Neutron emission for (n,3np)



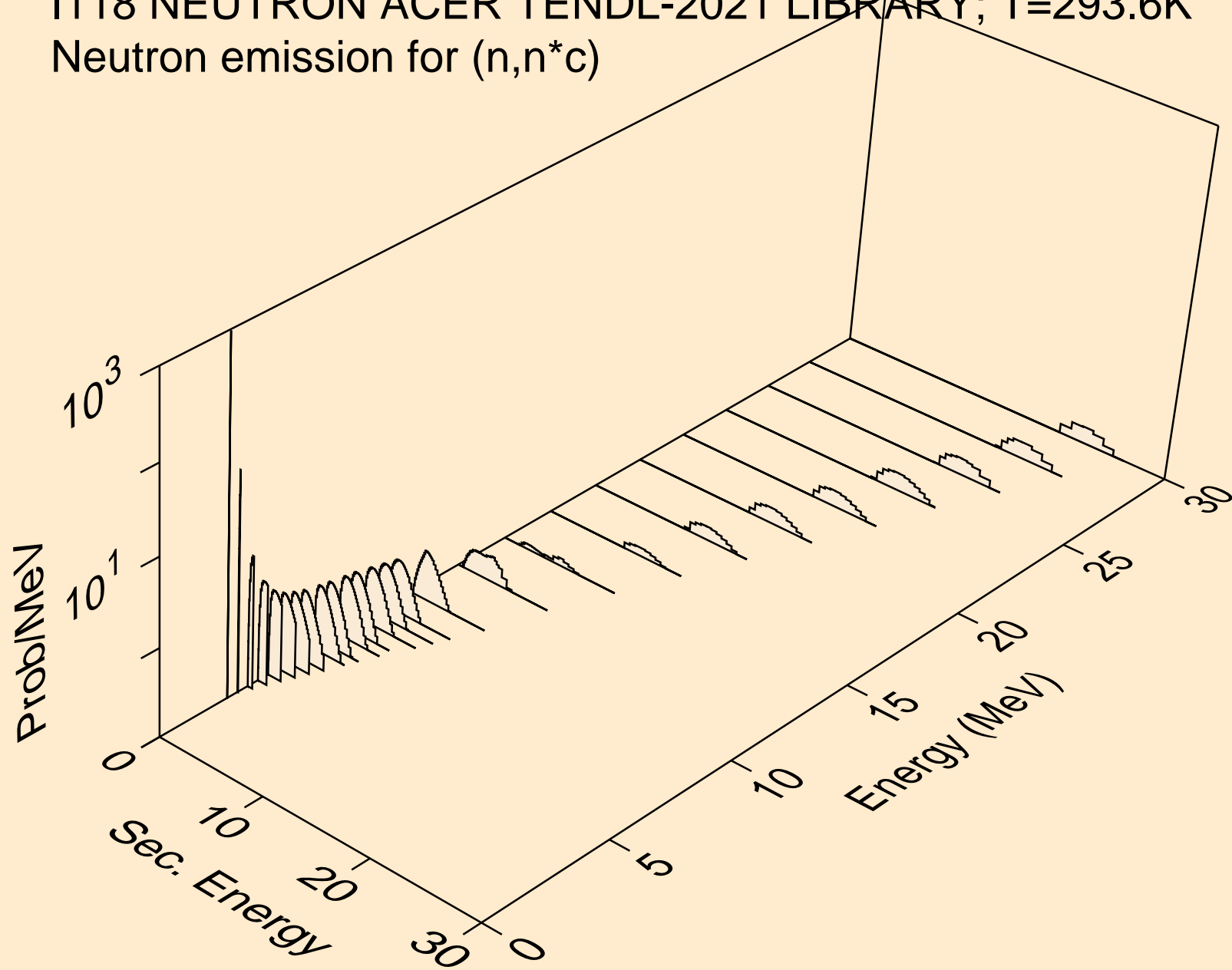
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)

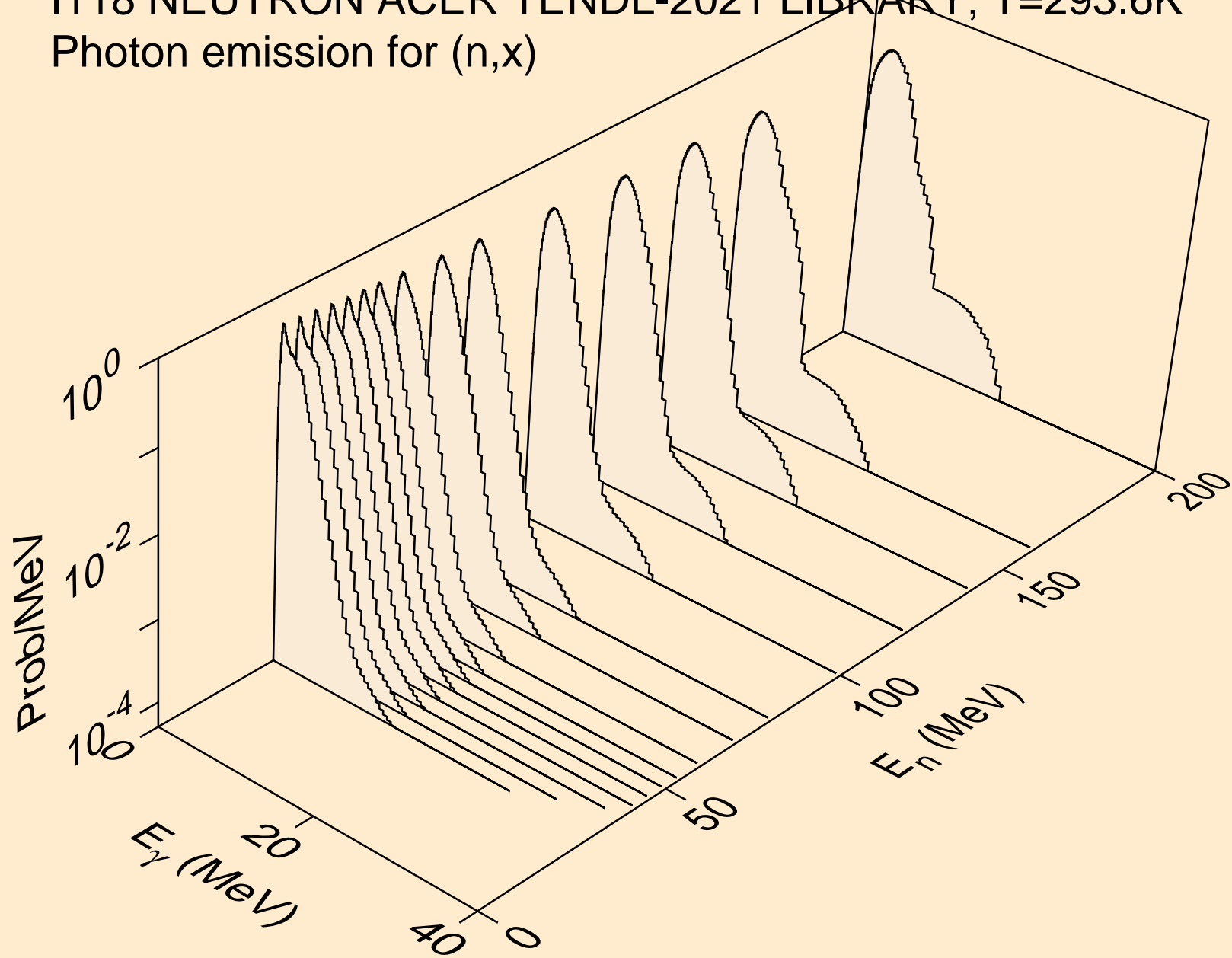


I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)

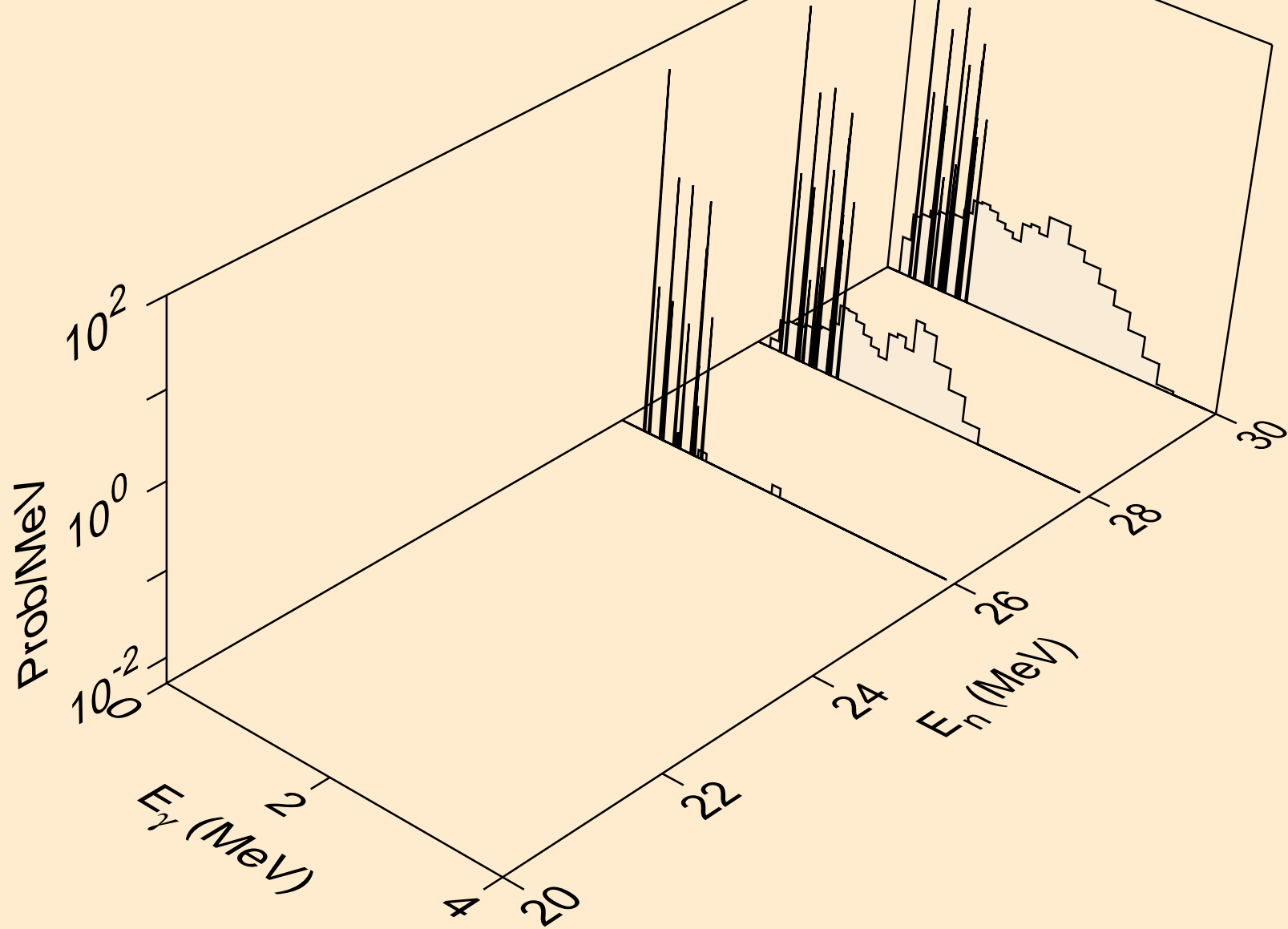




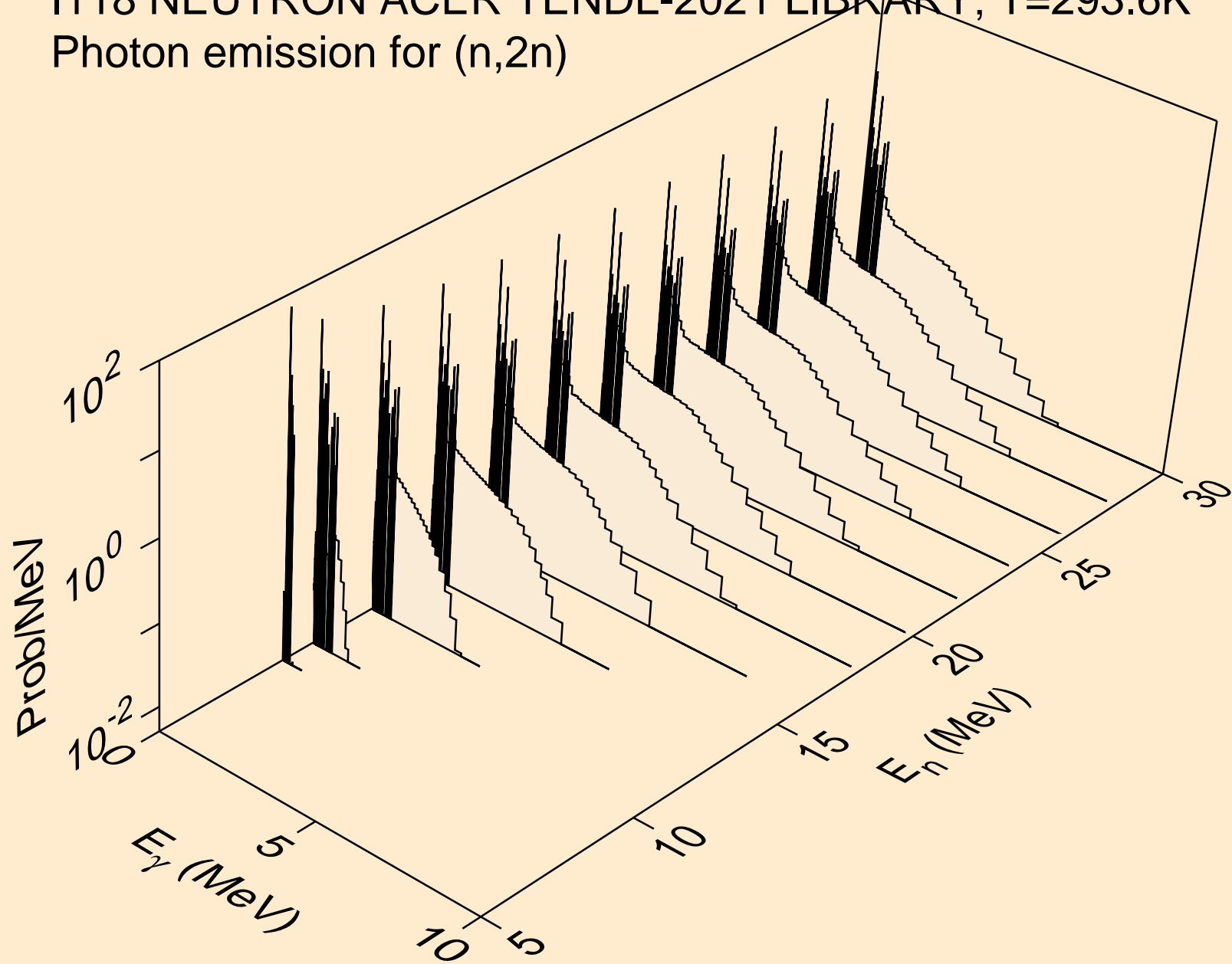
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



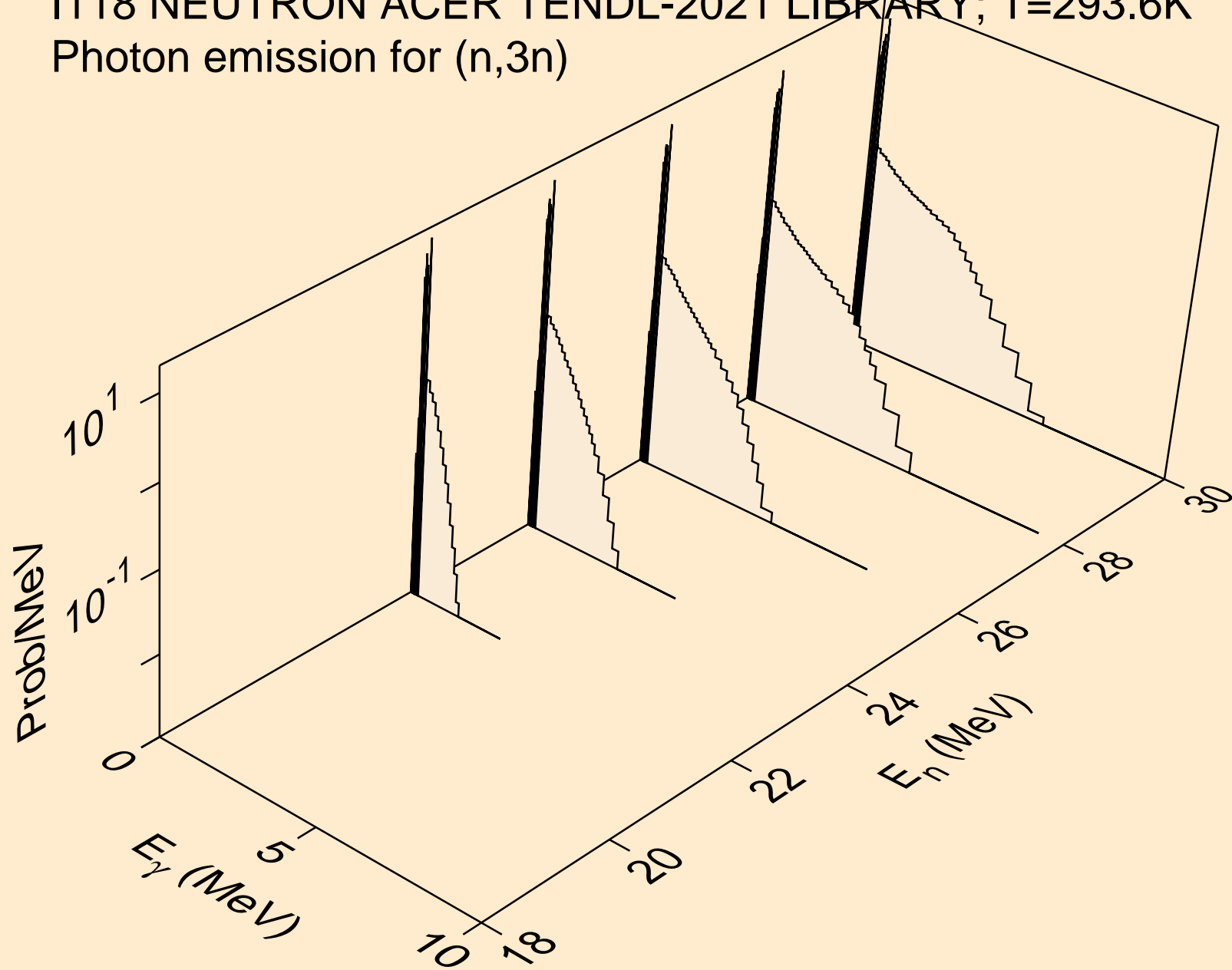
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



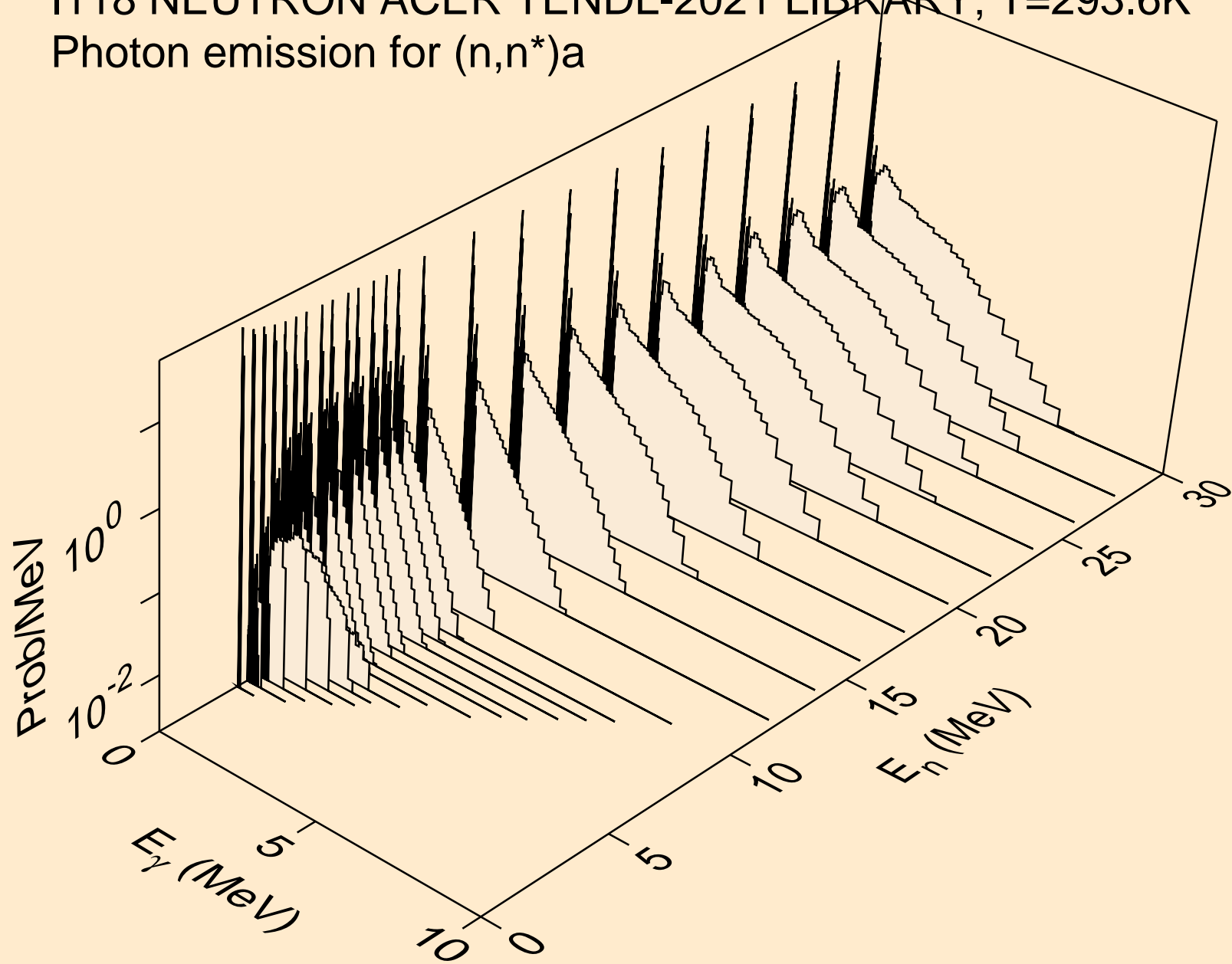
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



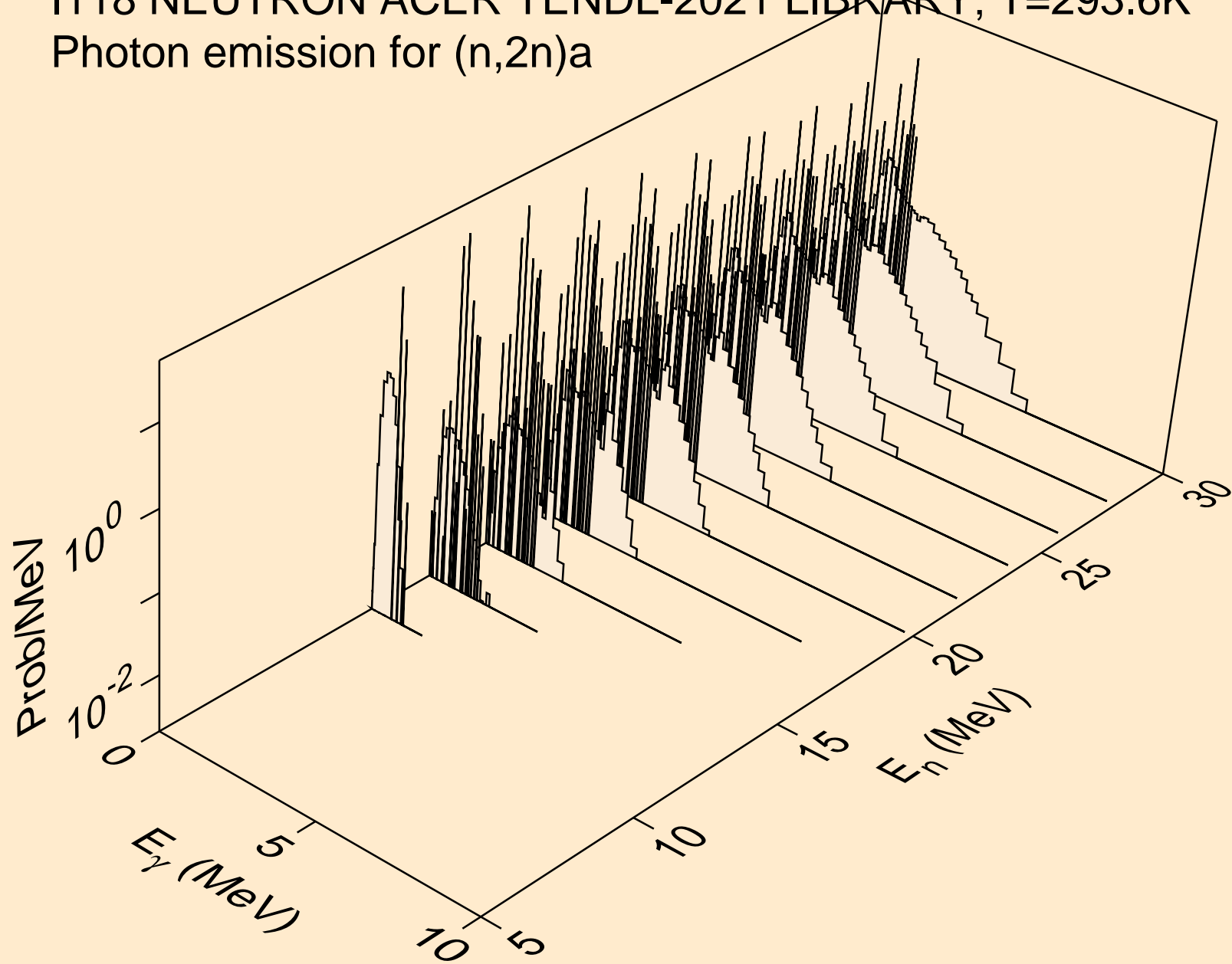
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



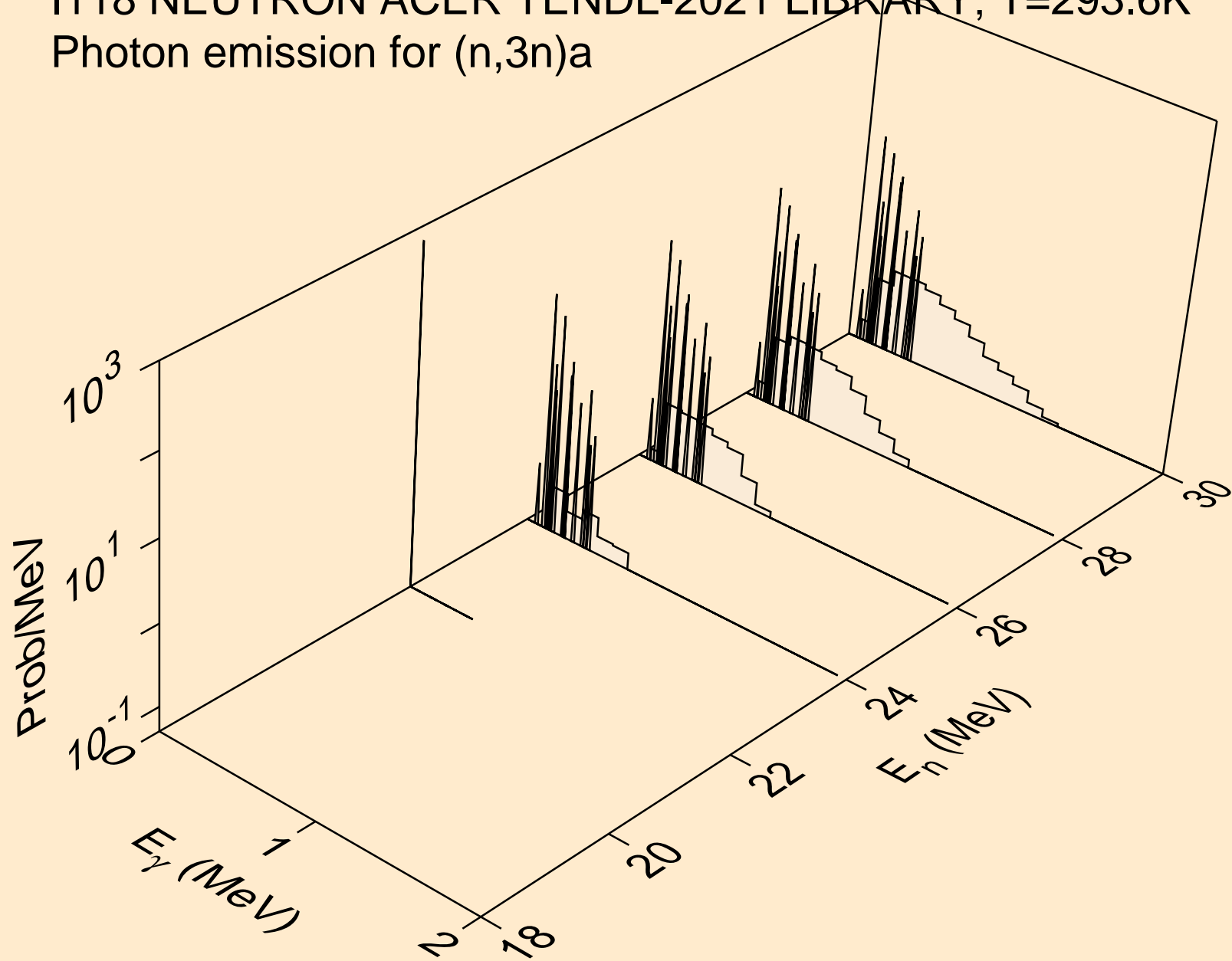
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



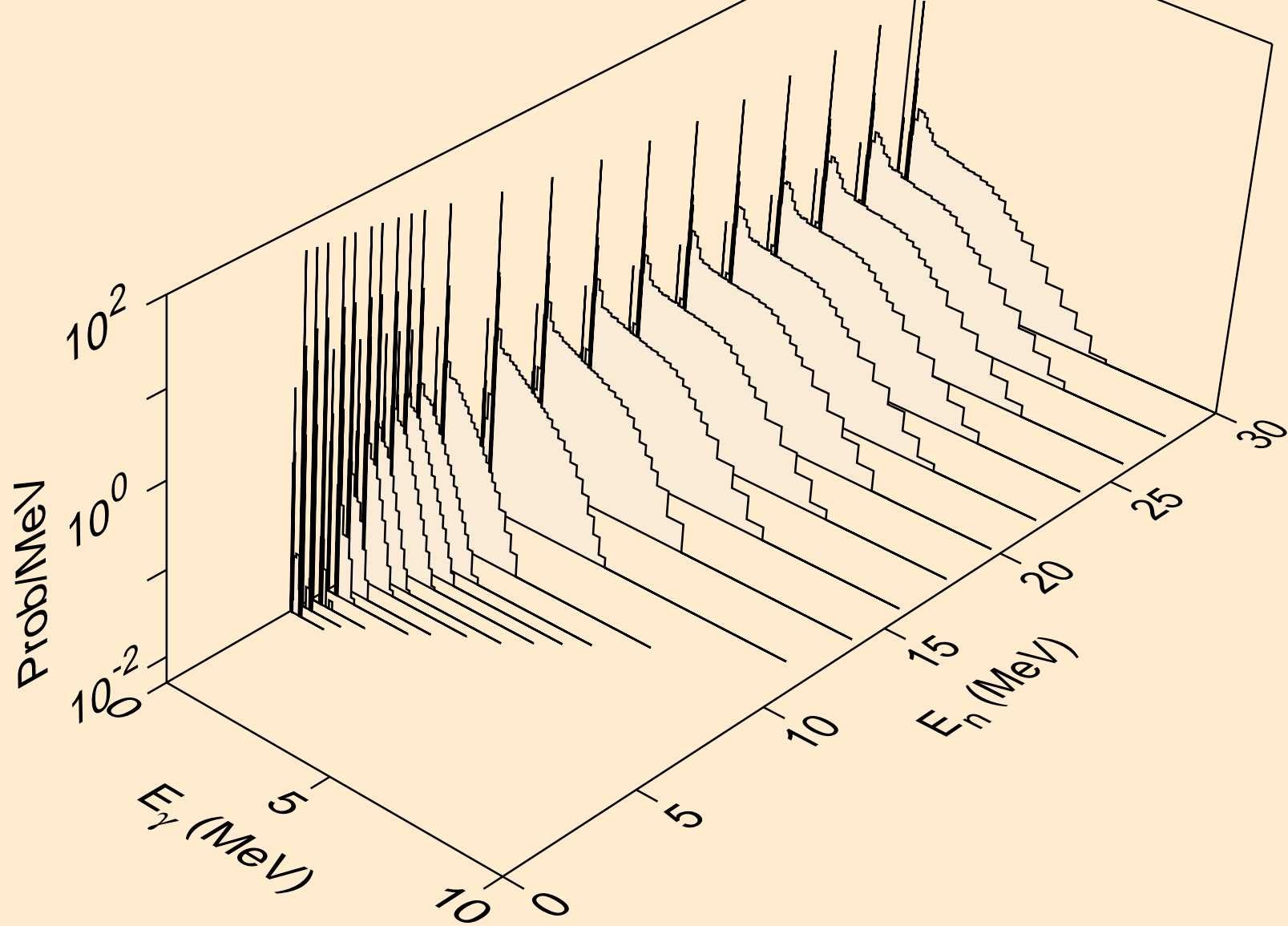
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a

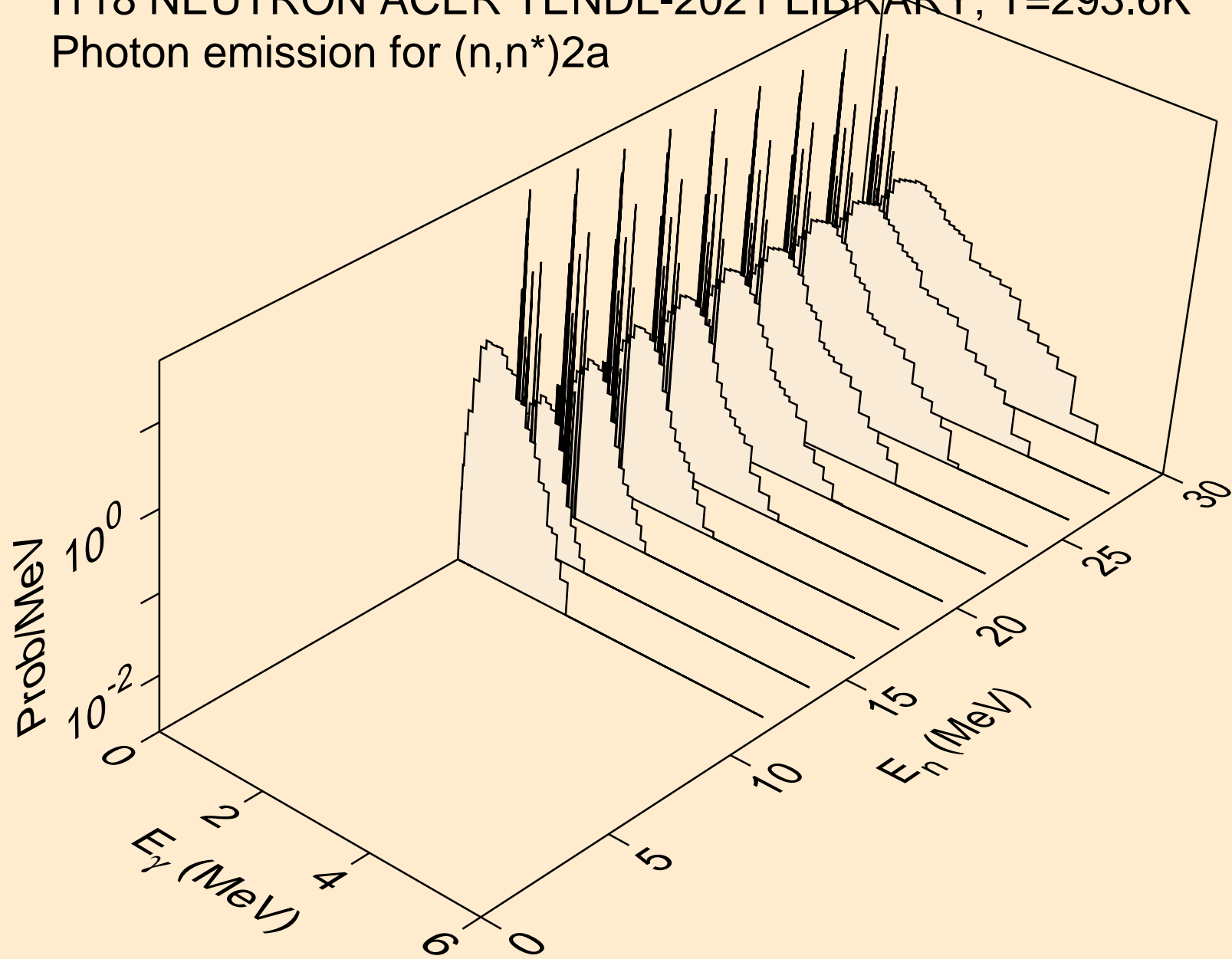


I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p

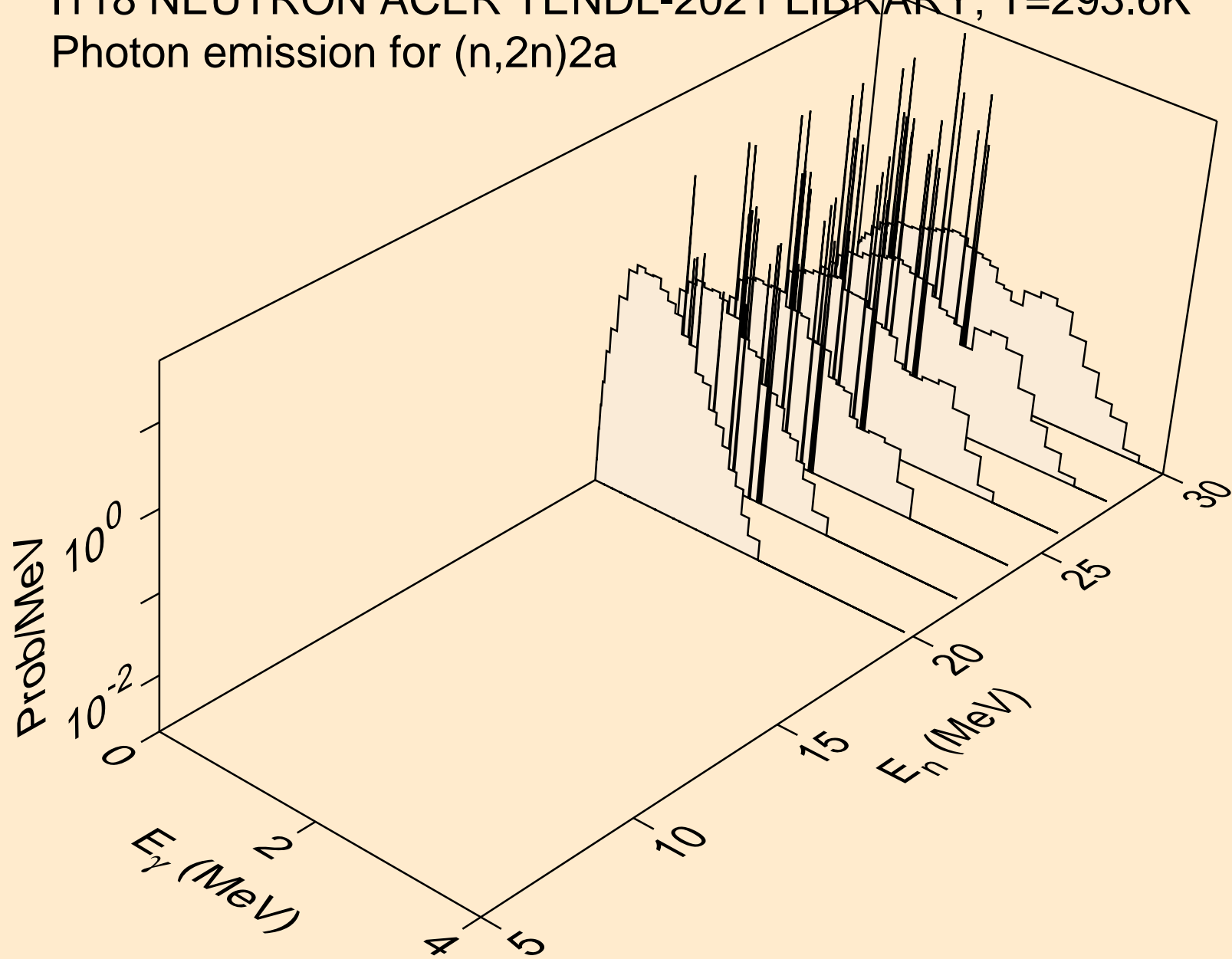




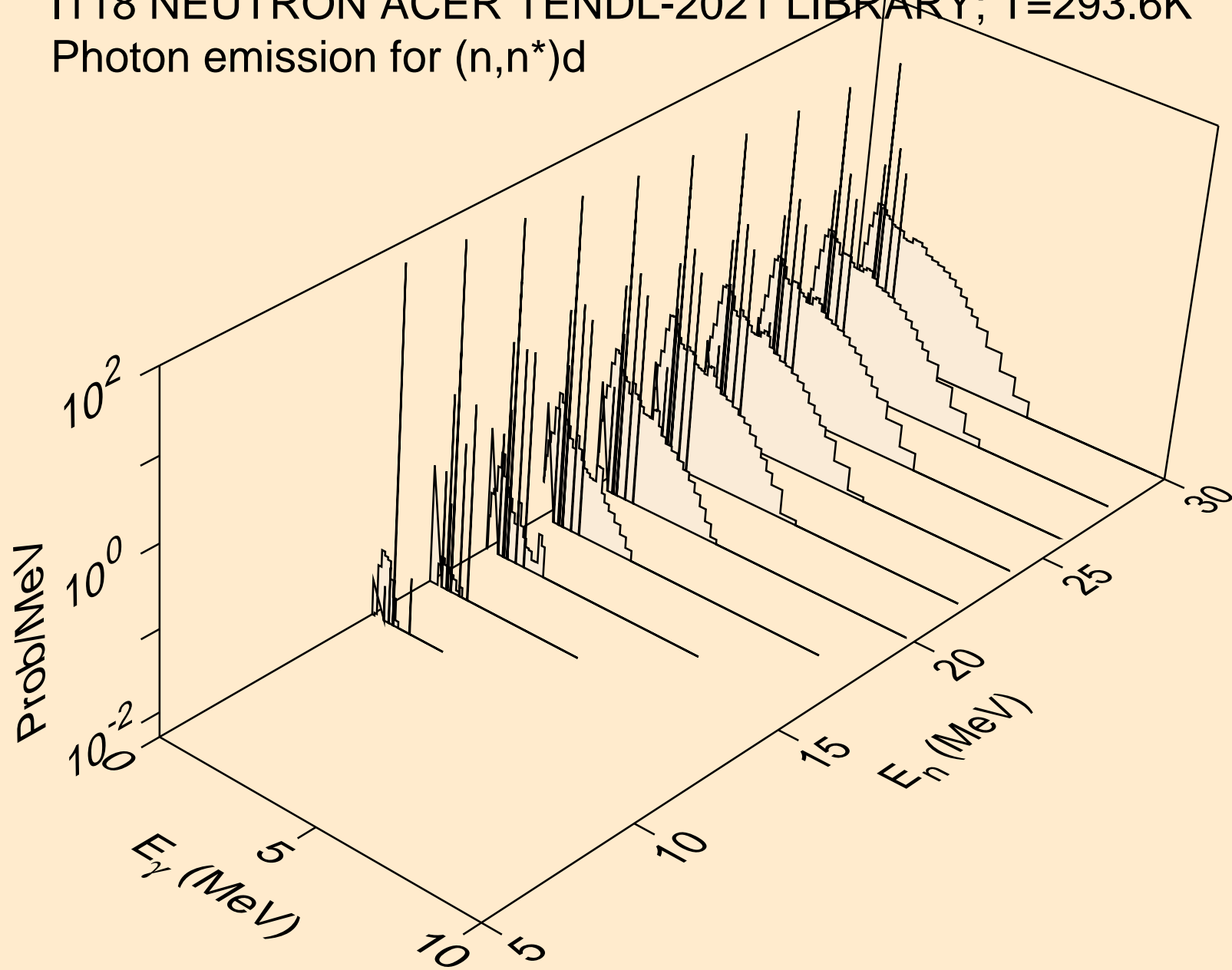
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



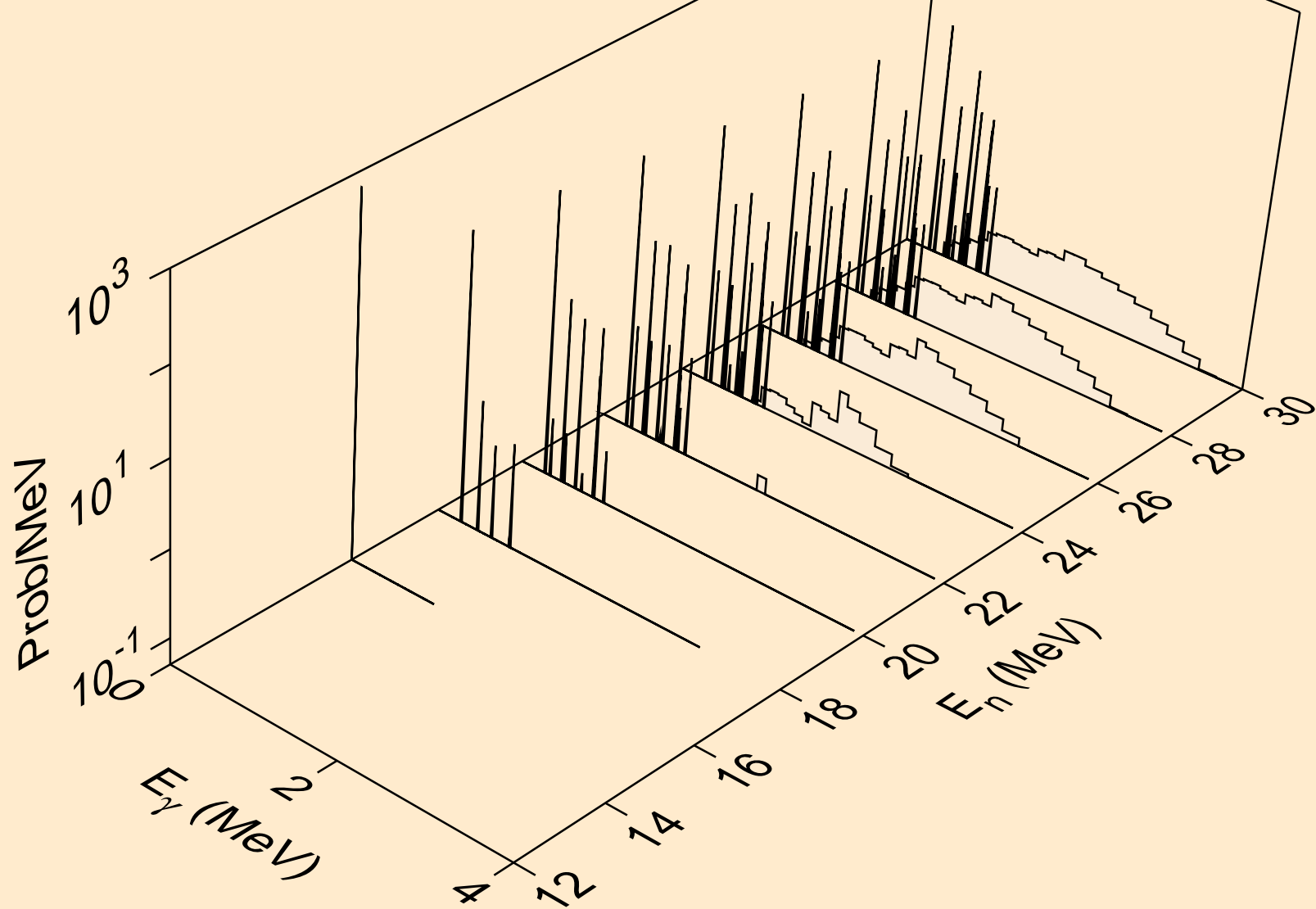
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a



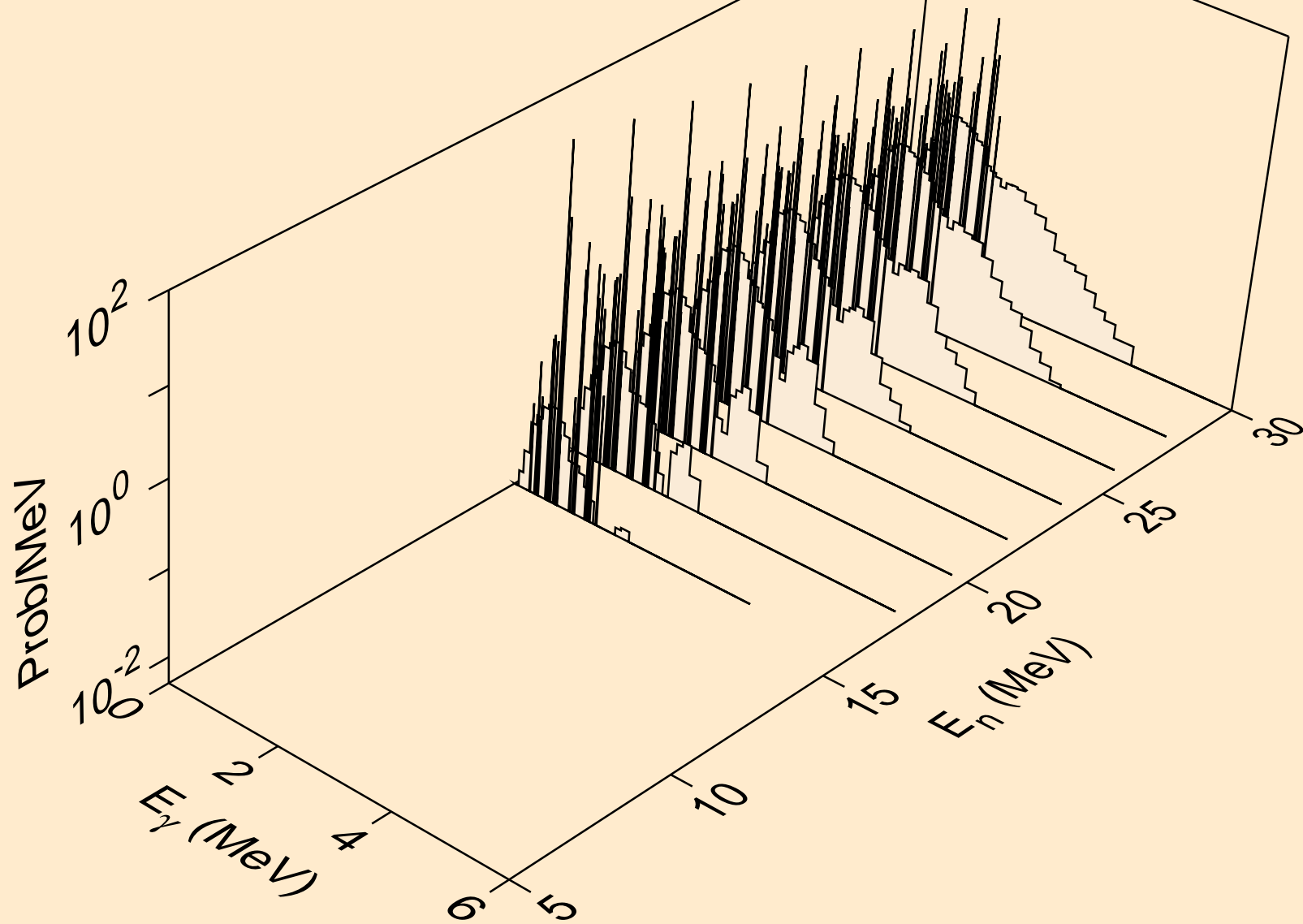
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



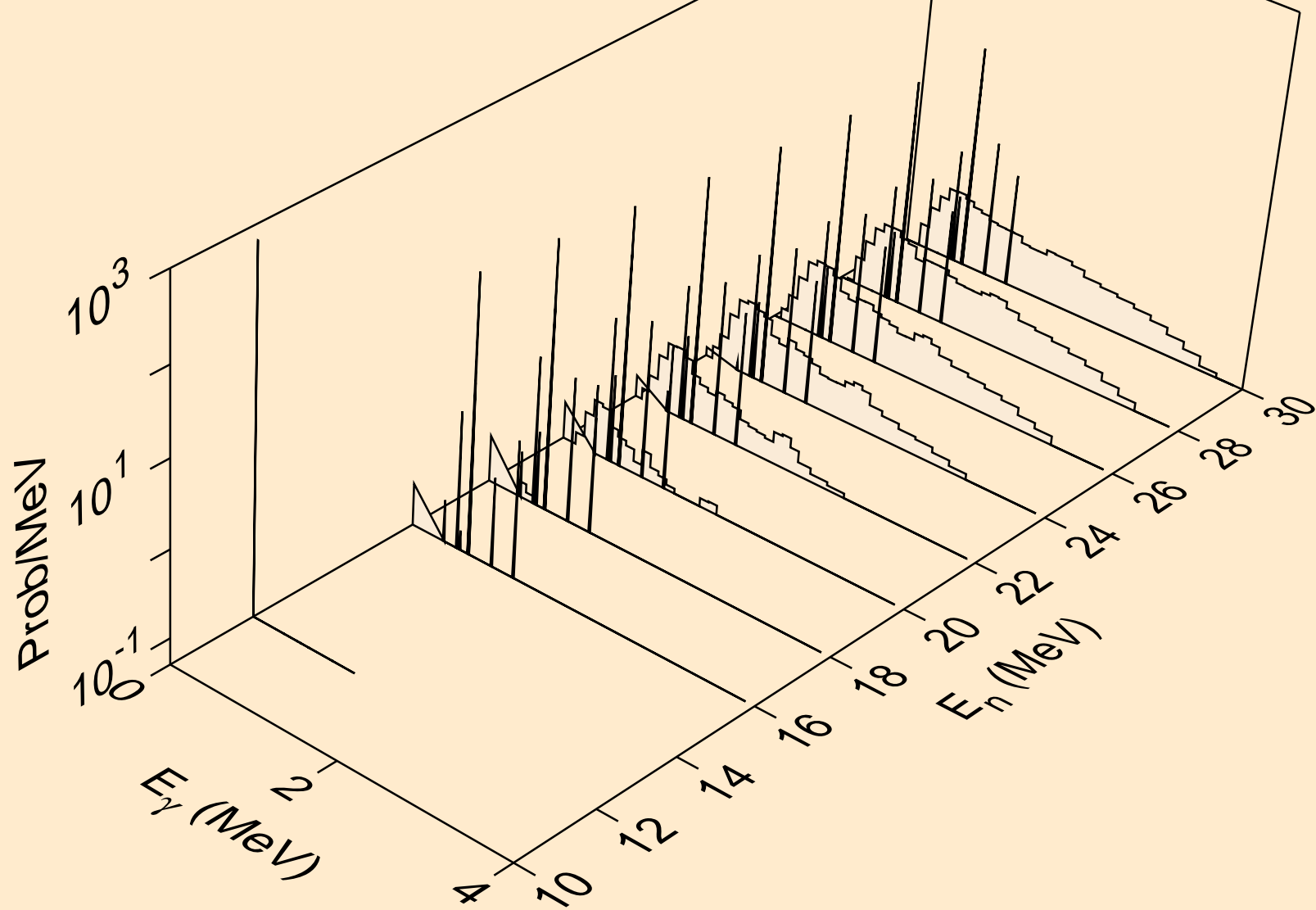
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



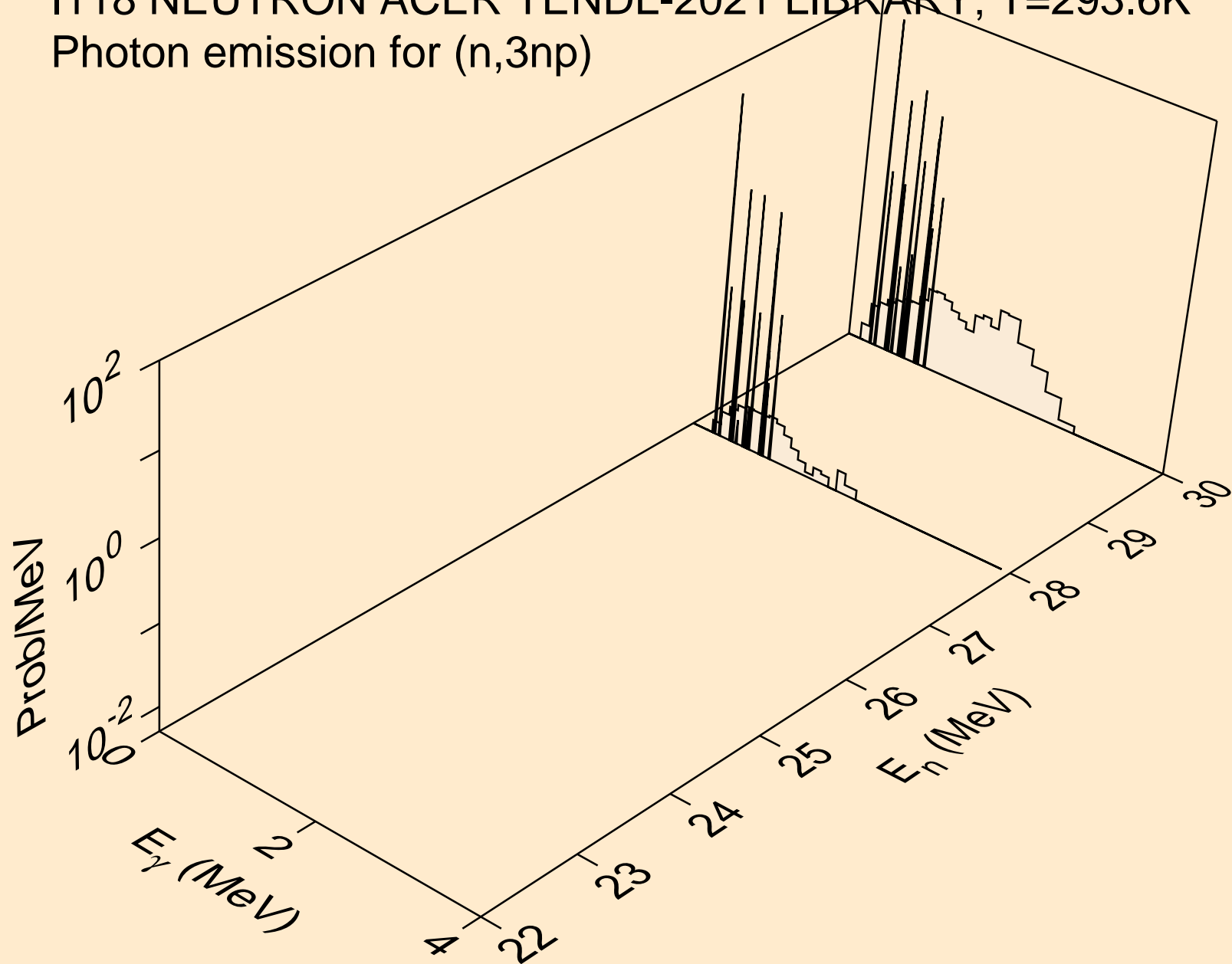
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



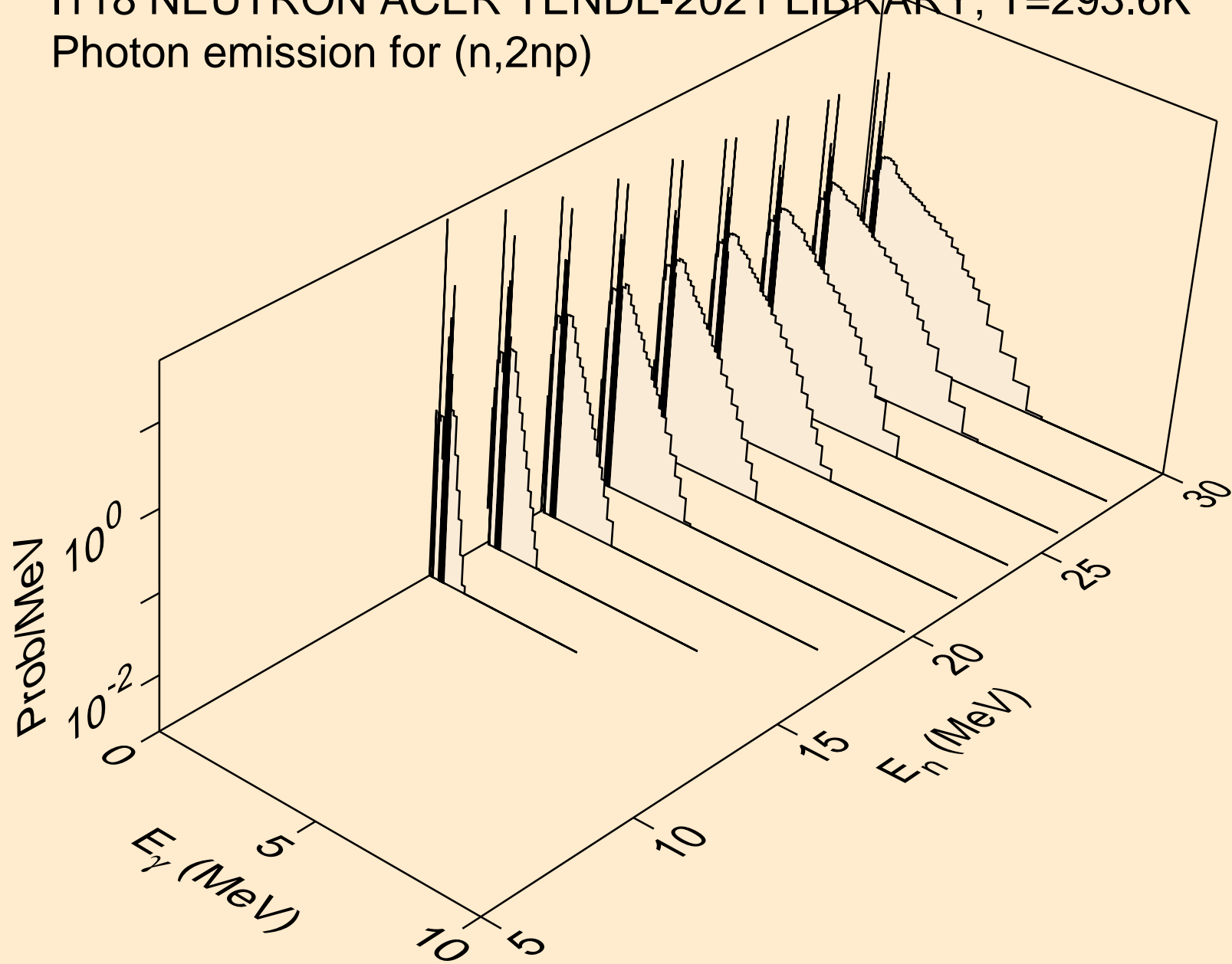
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)

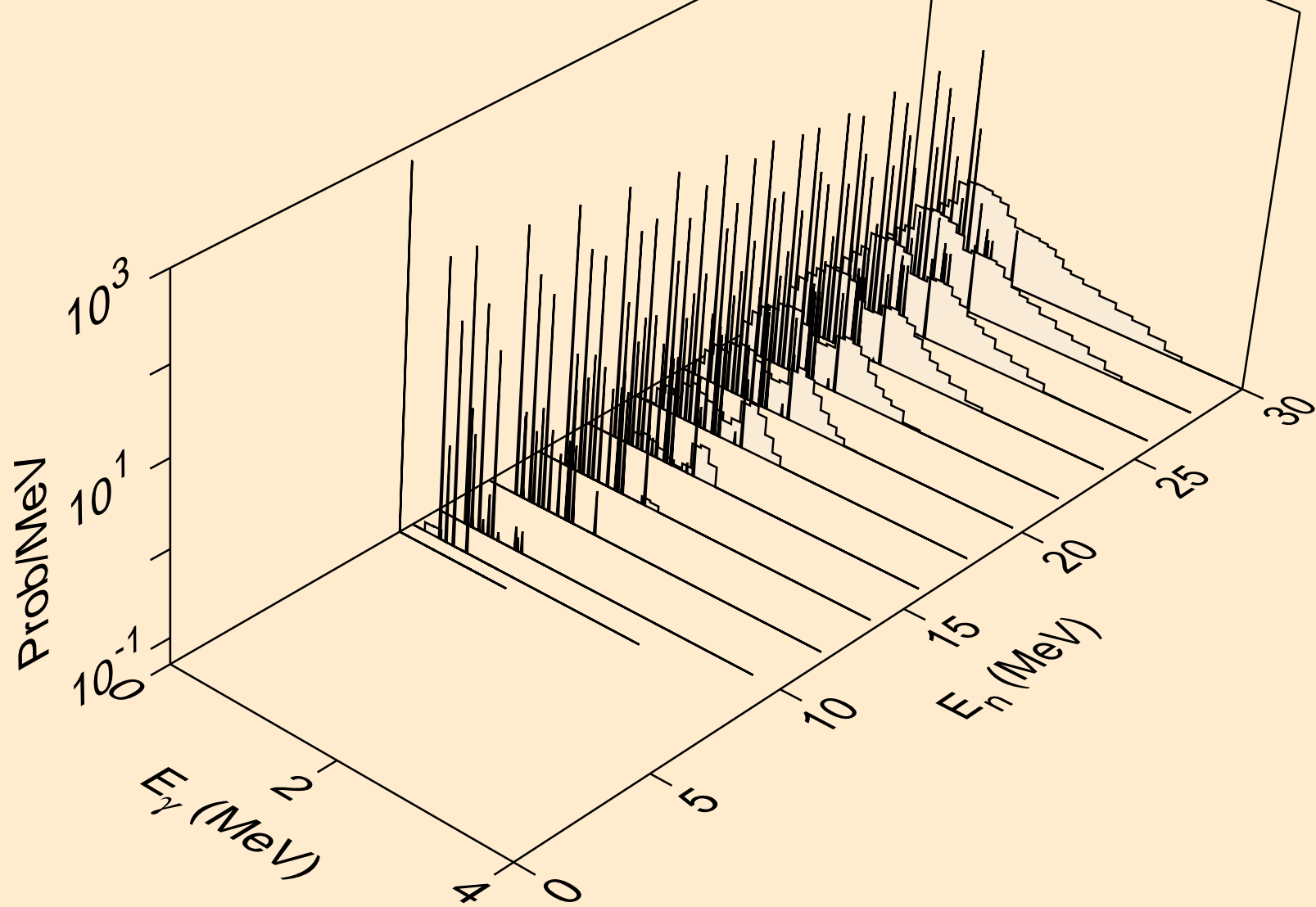


I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

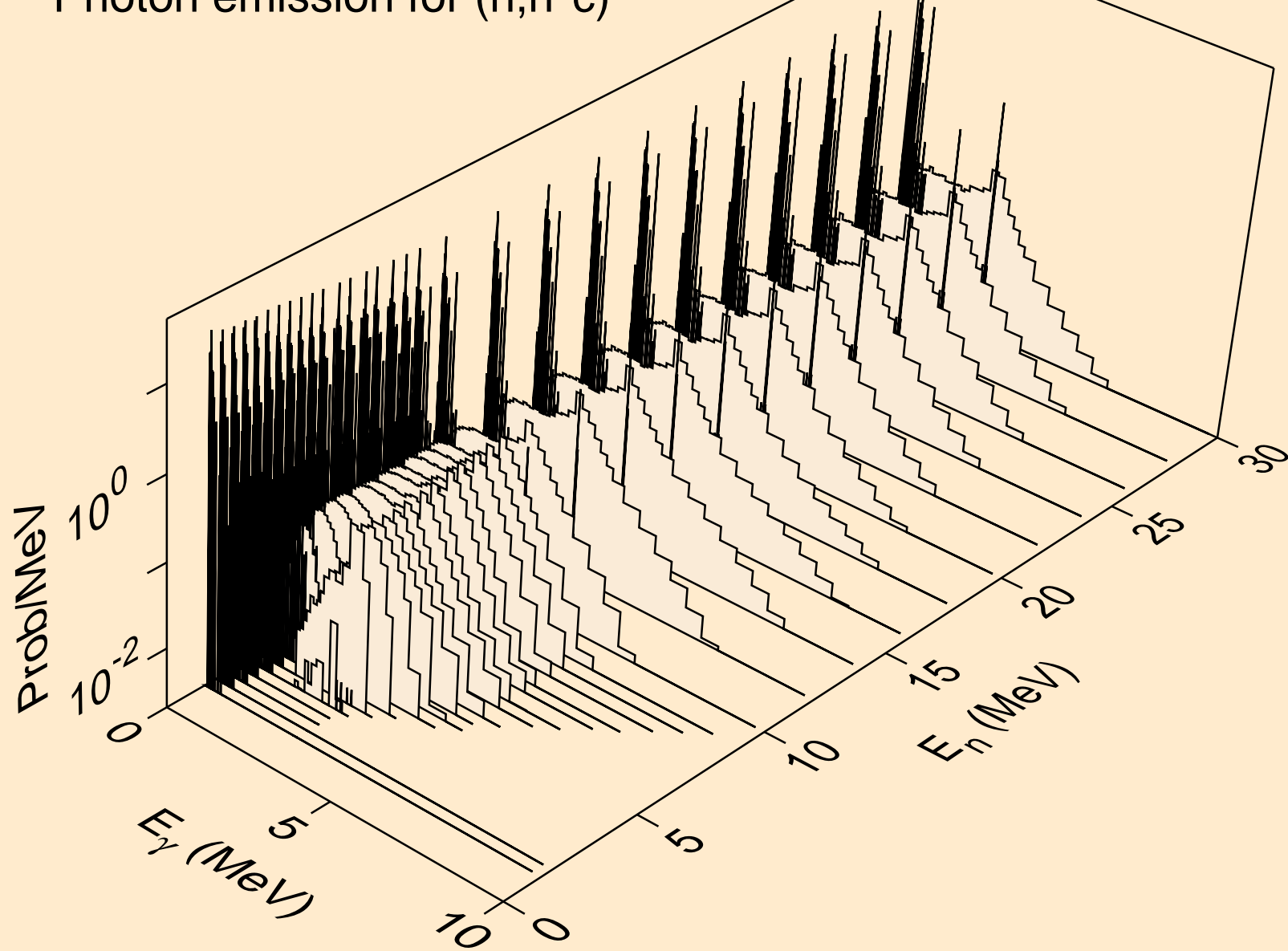




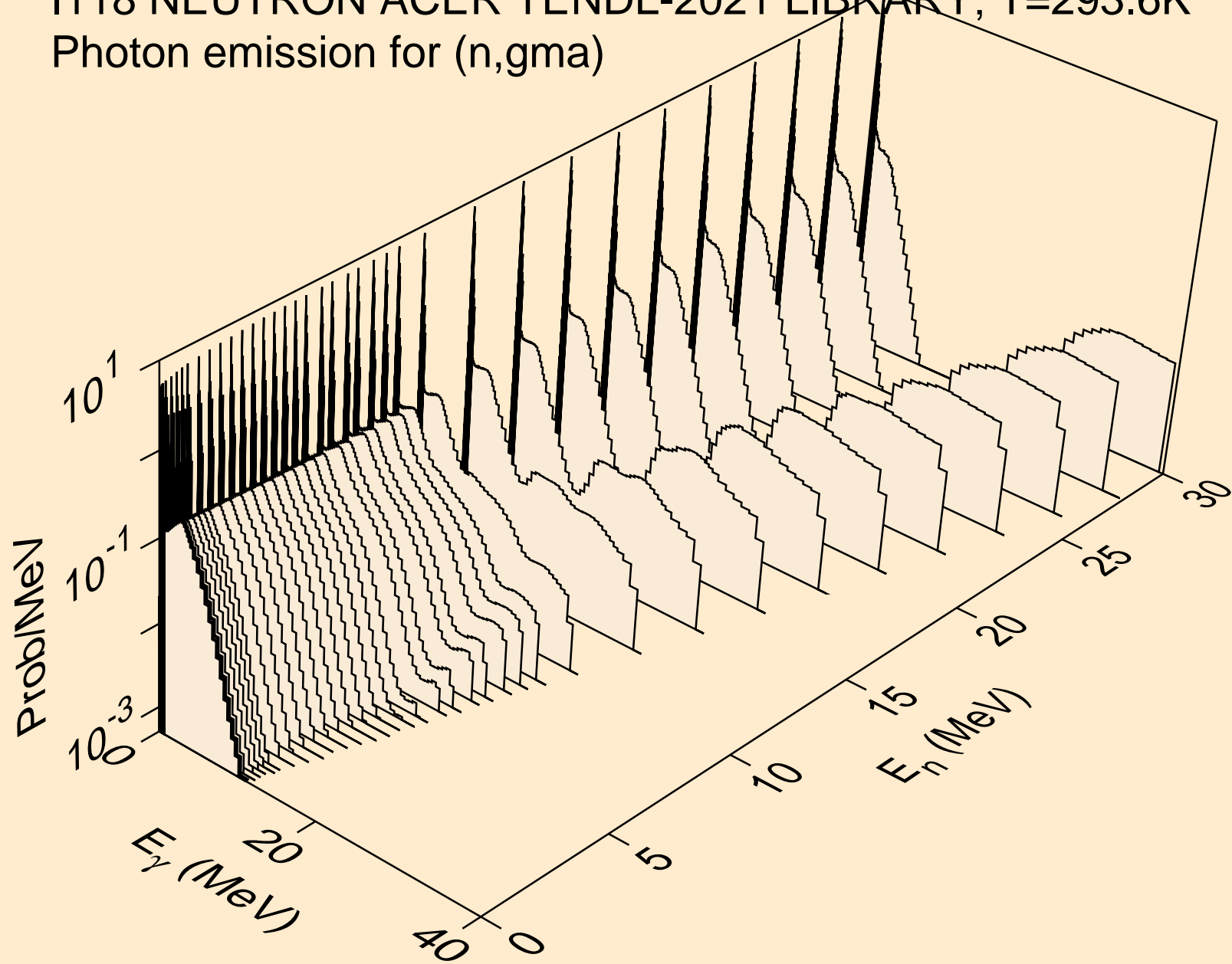
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



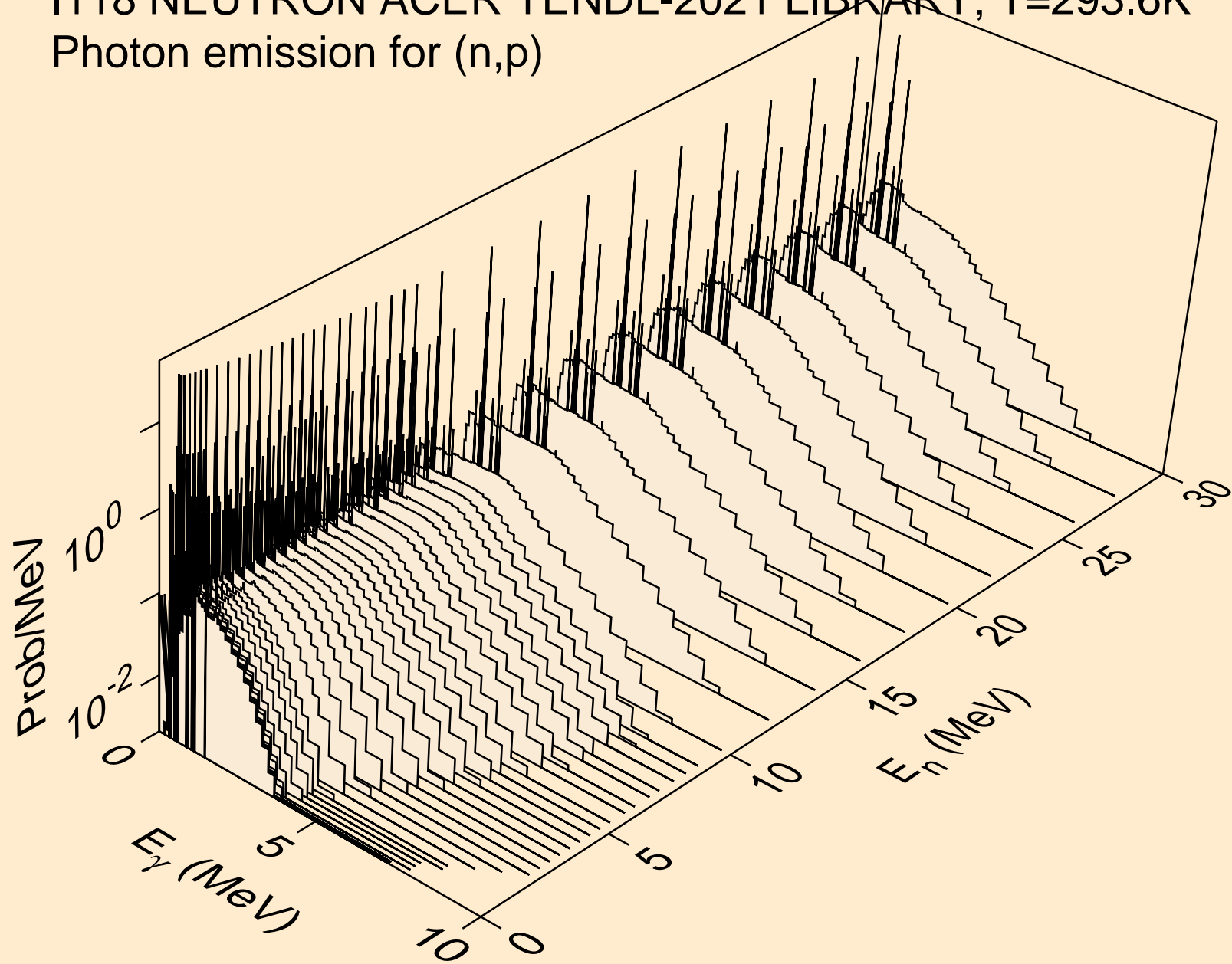
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



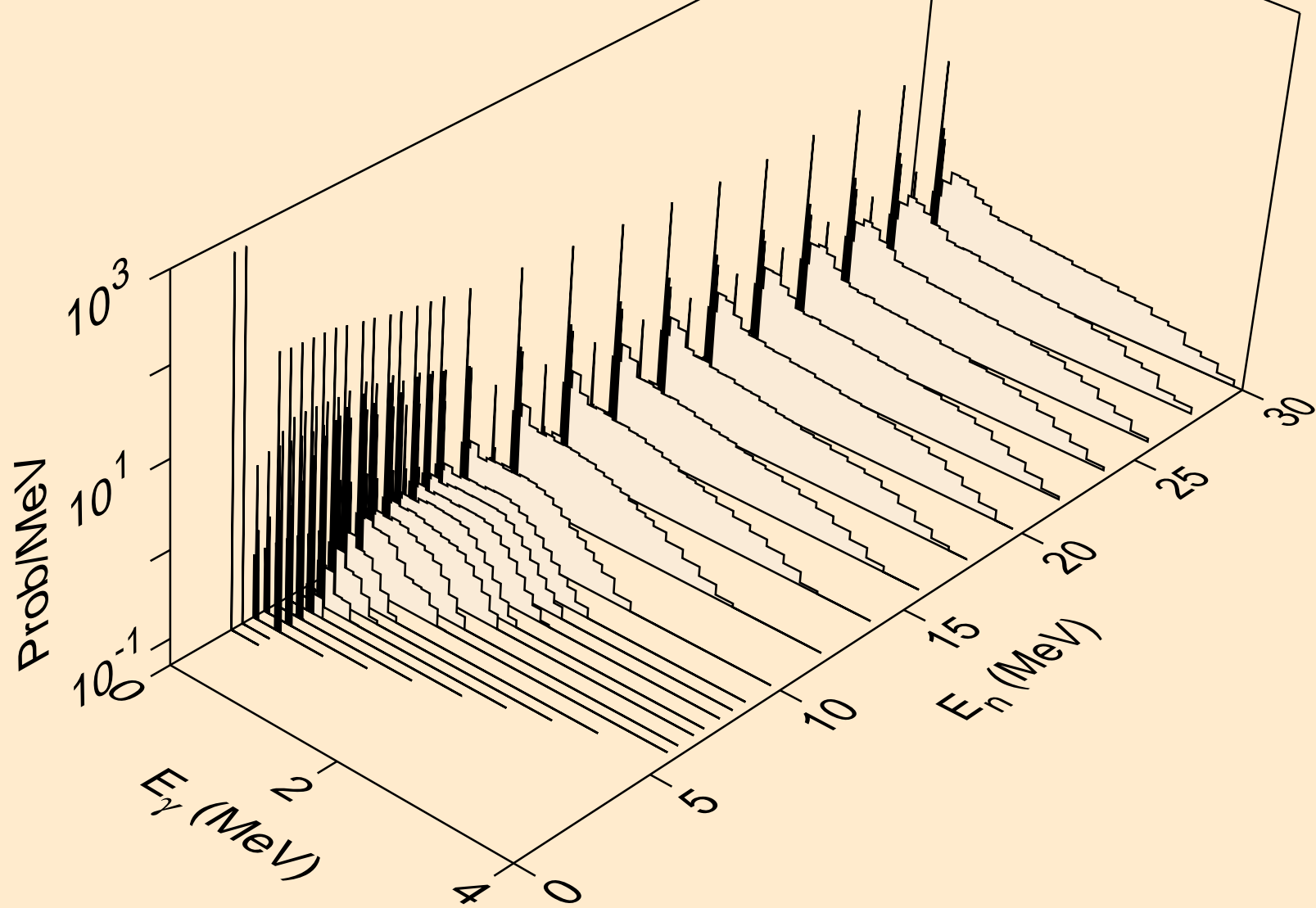
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



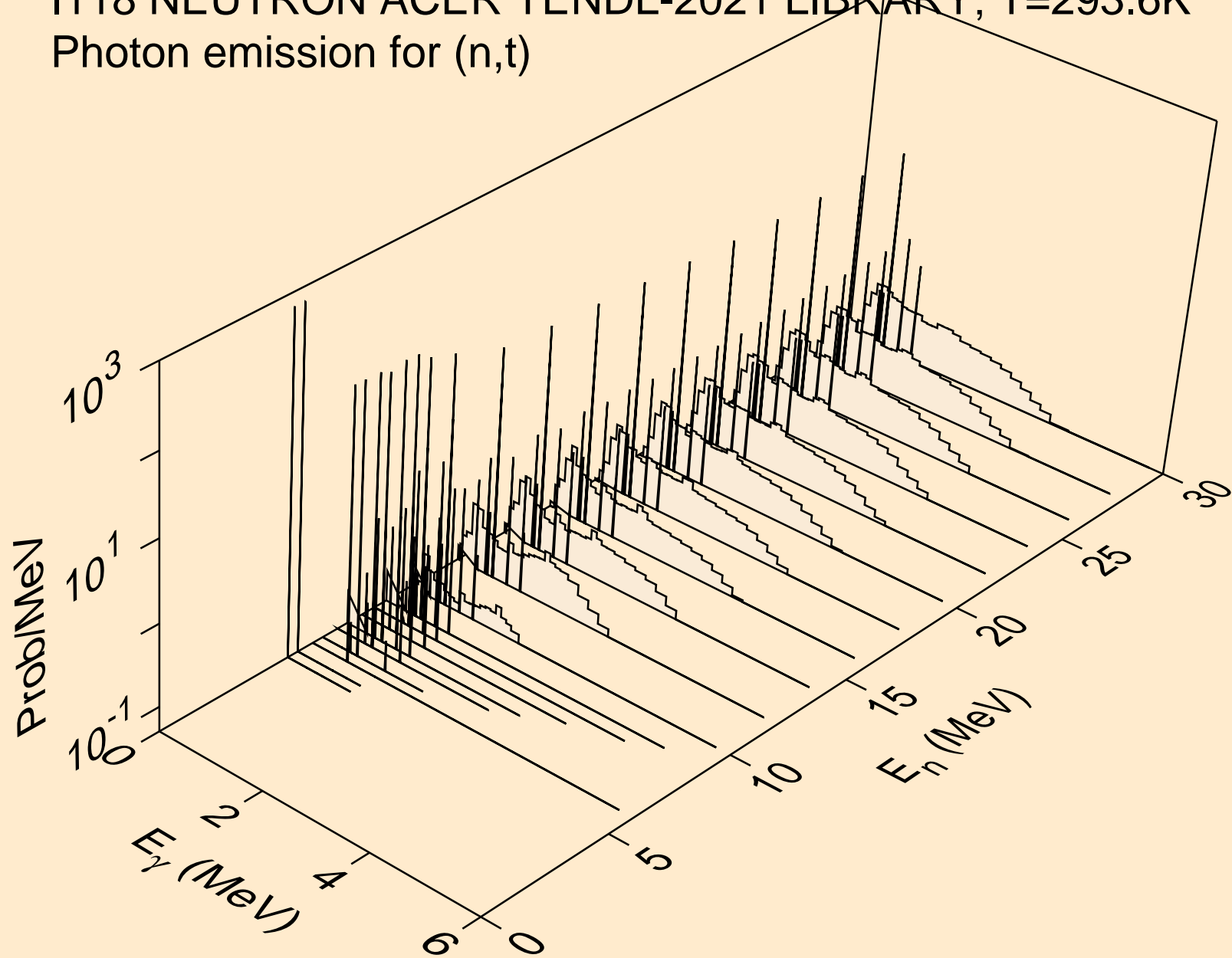
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



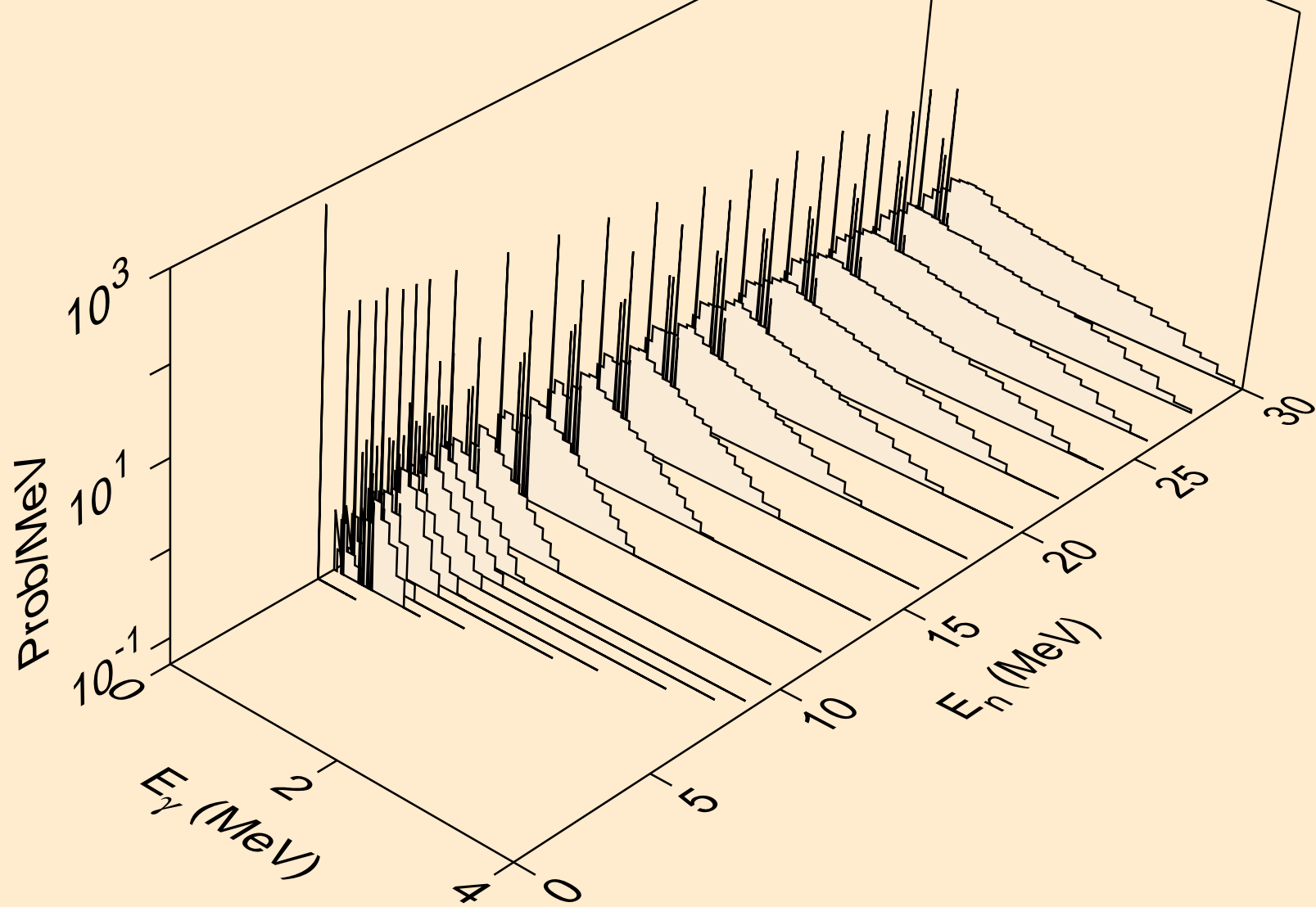
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



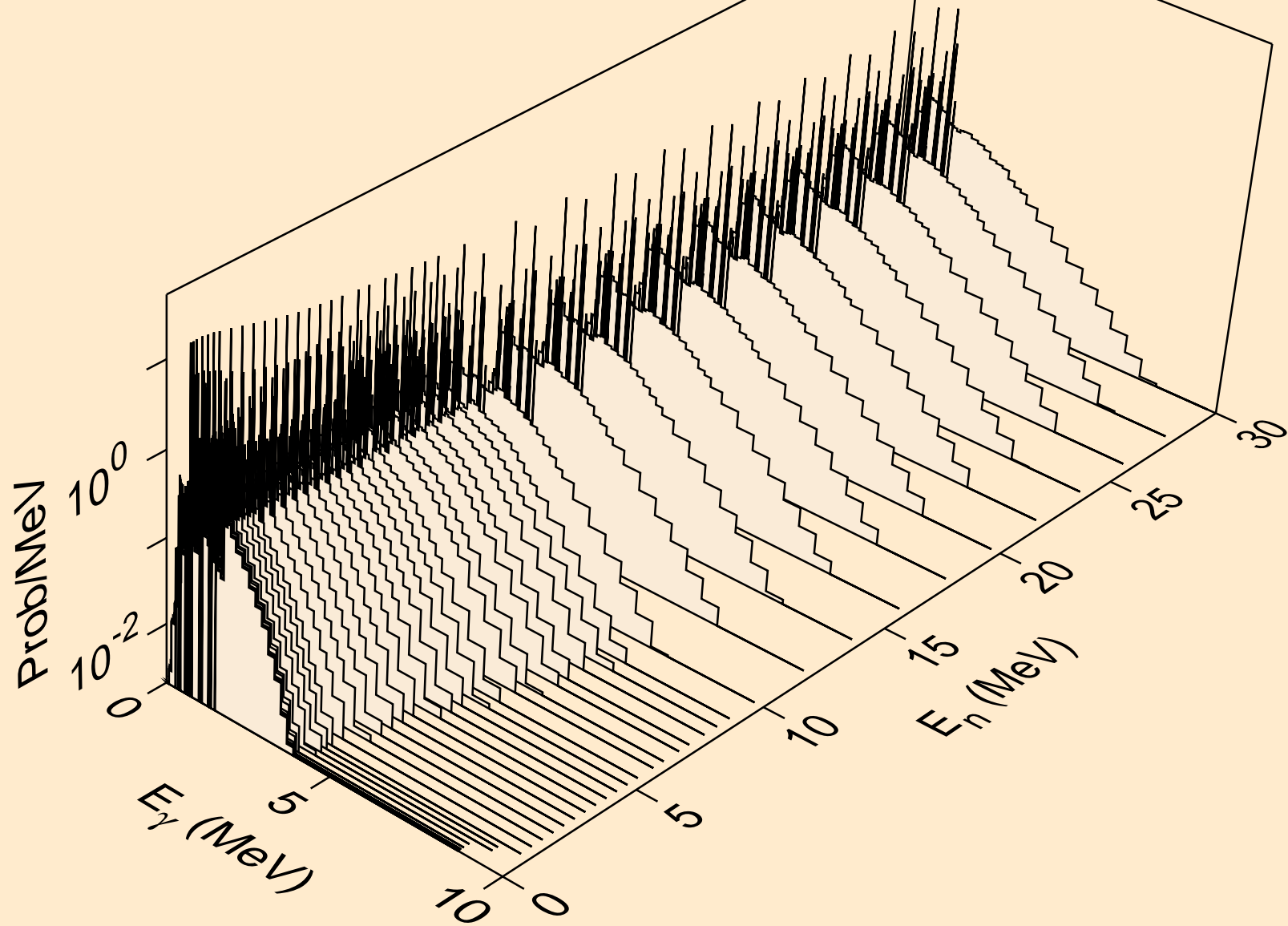
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)

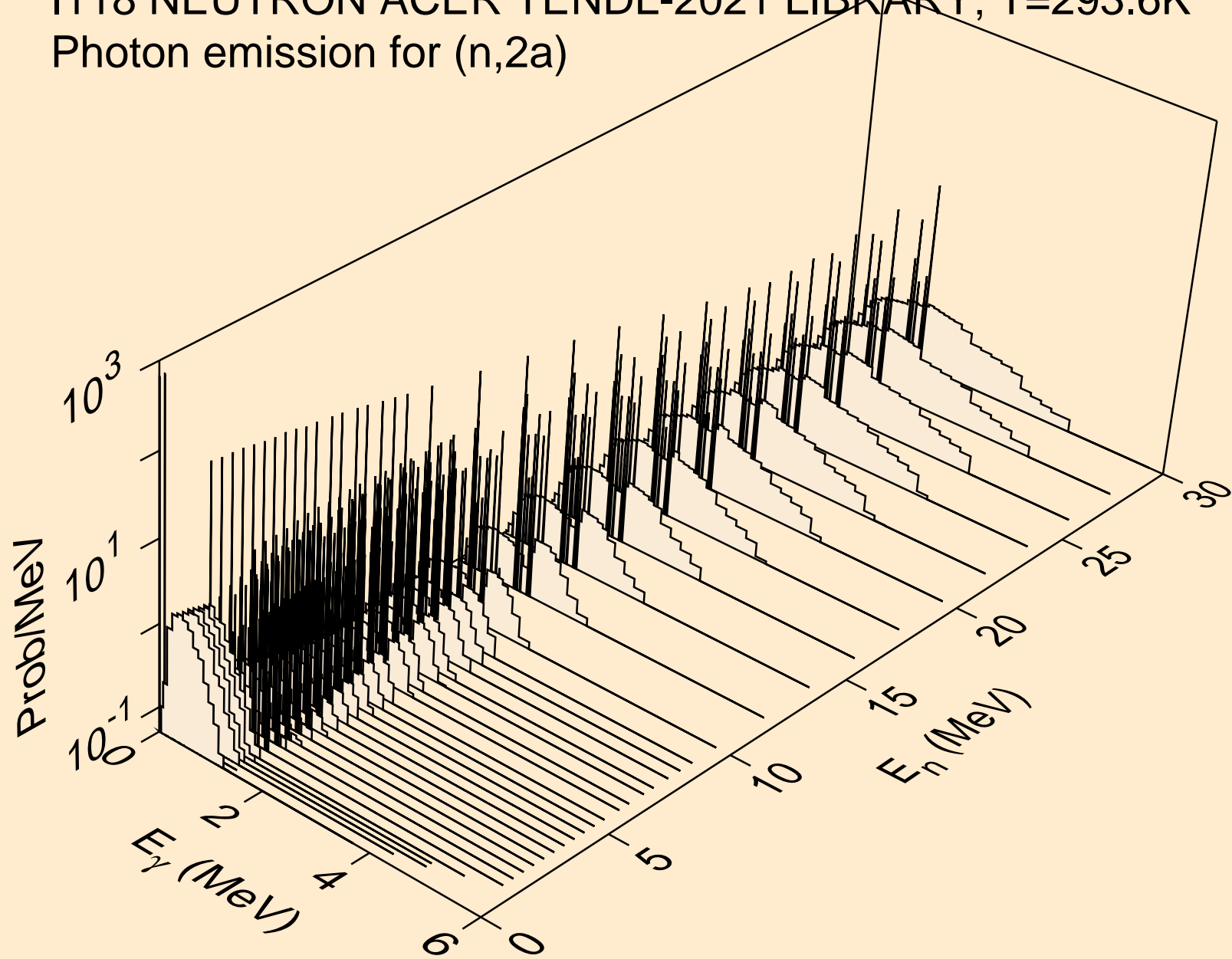


I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)

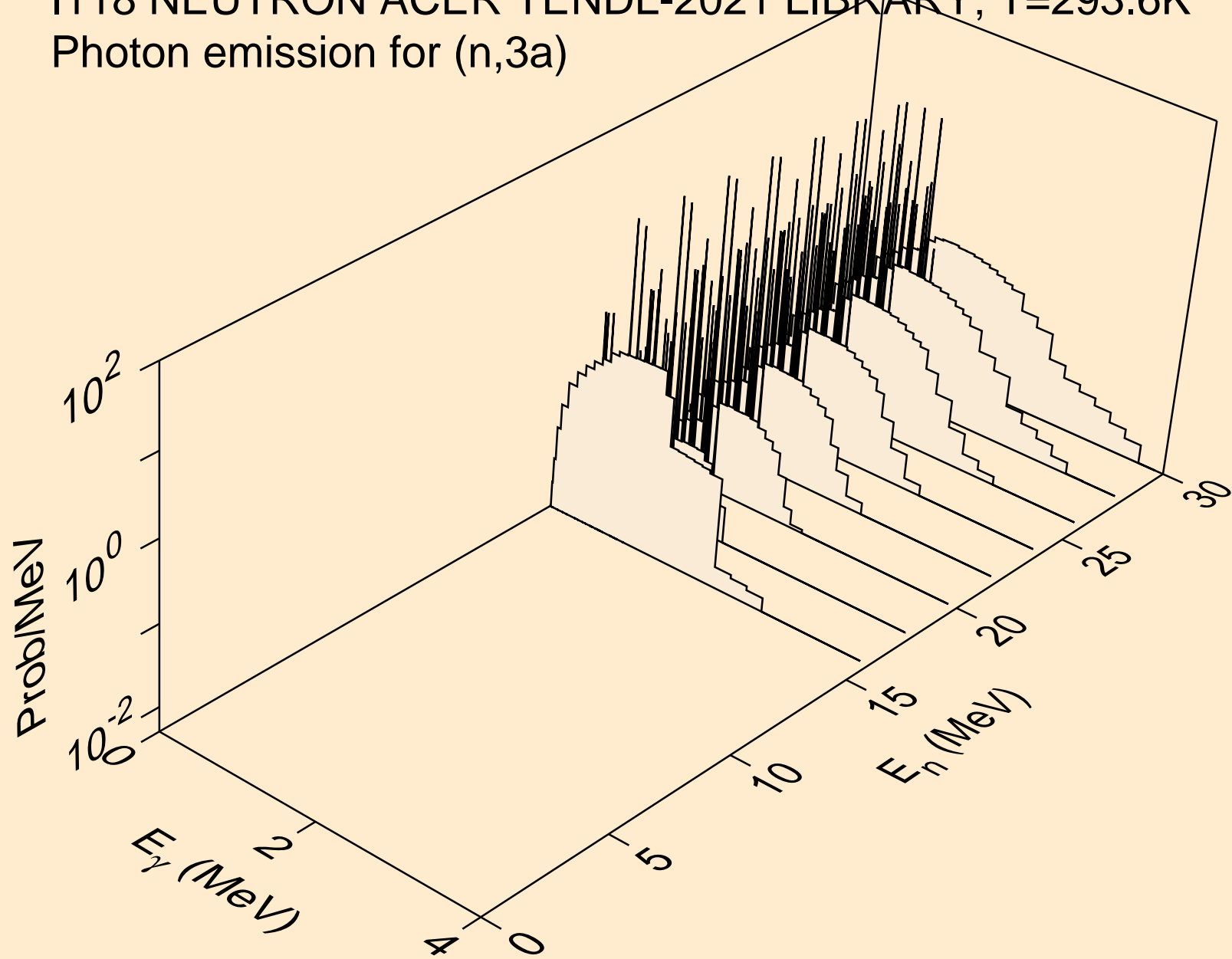




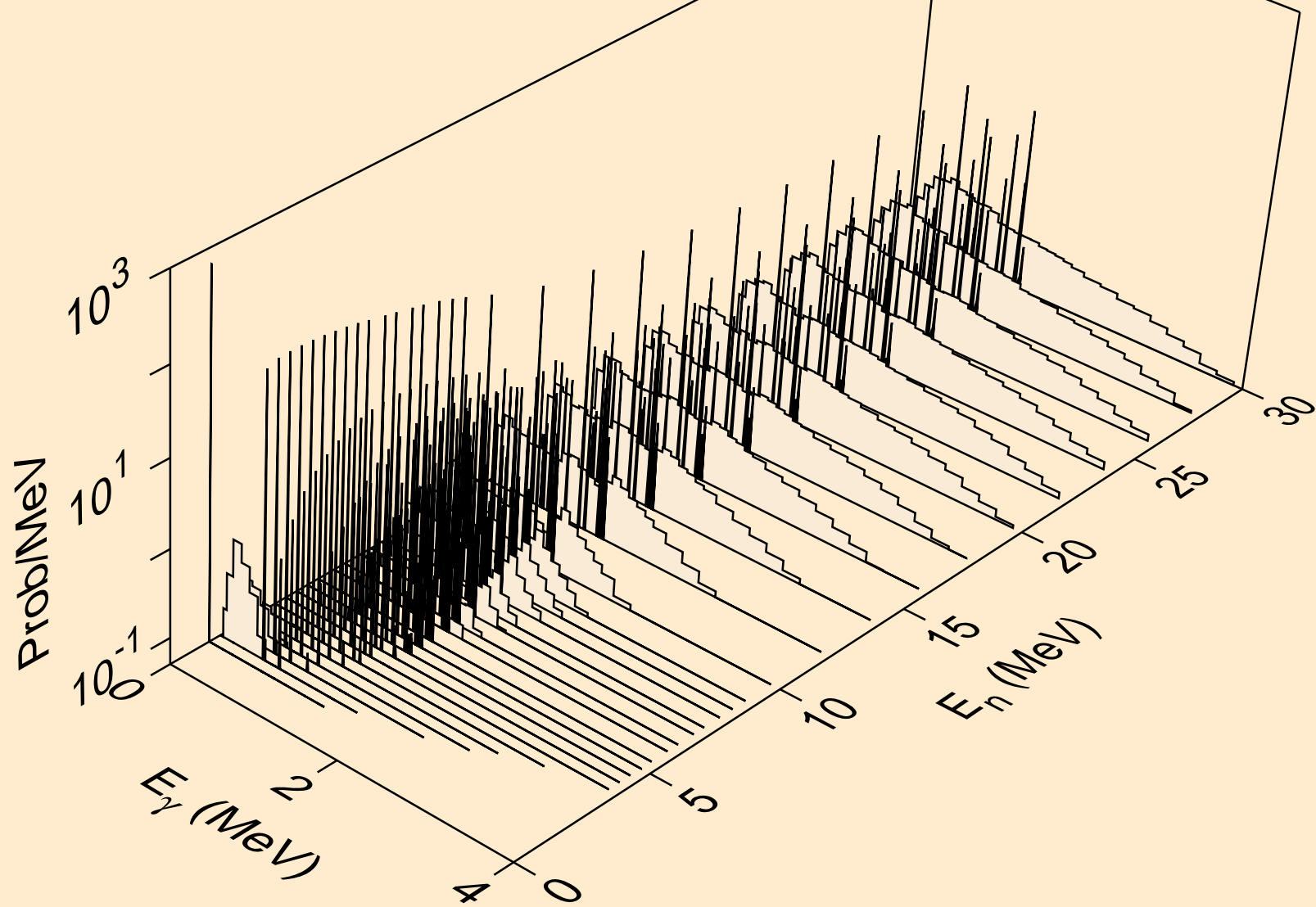
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



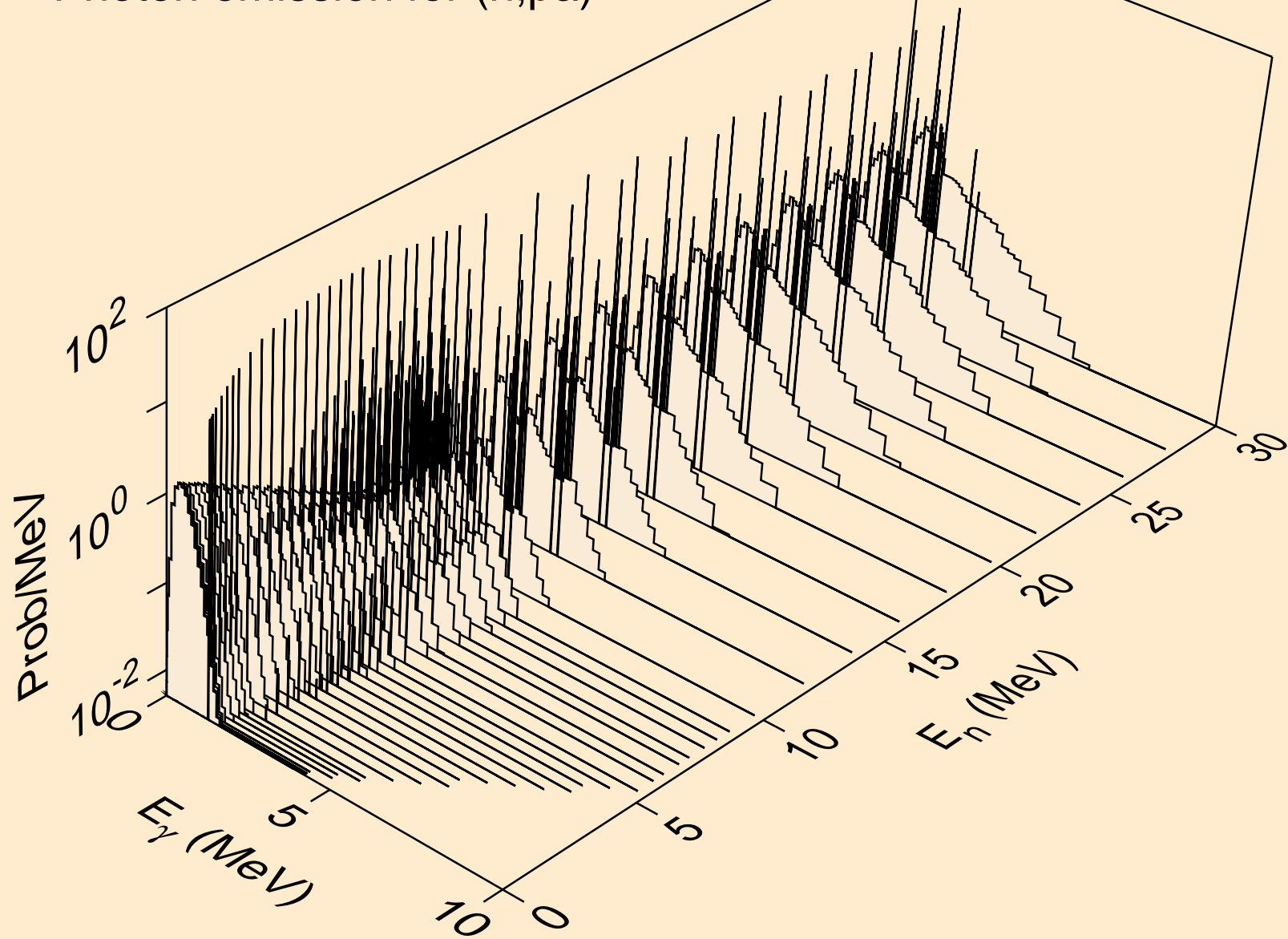
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3a)



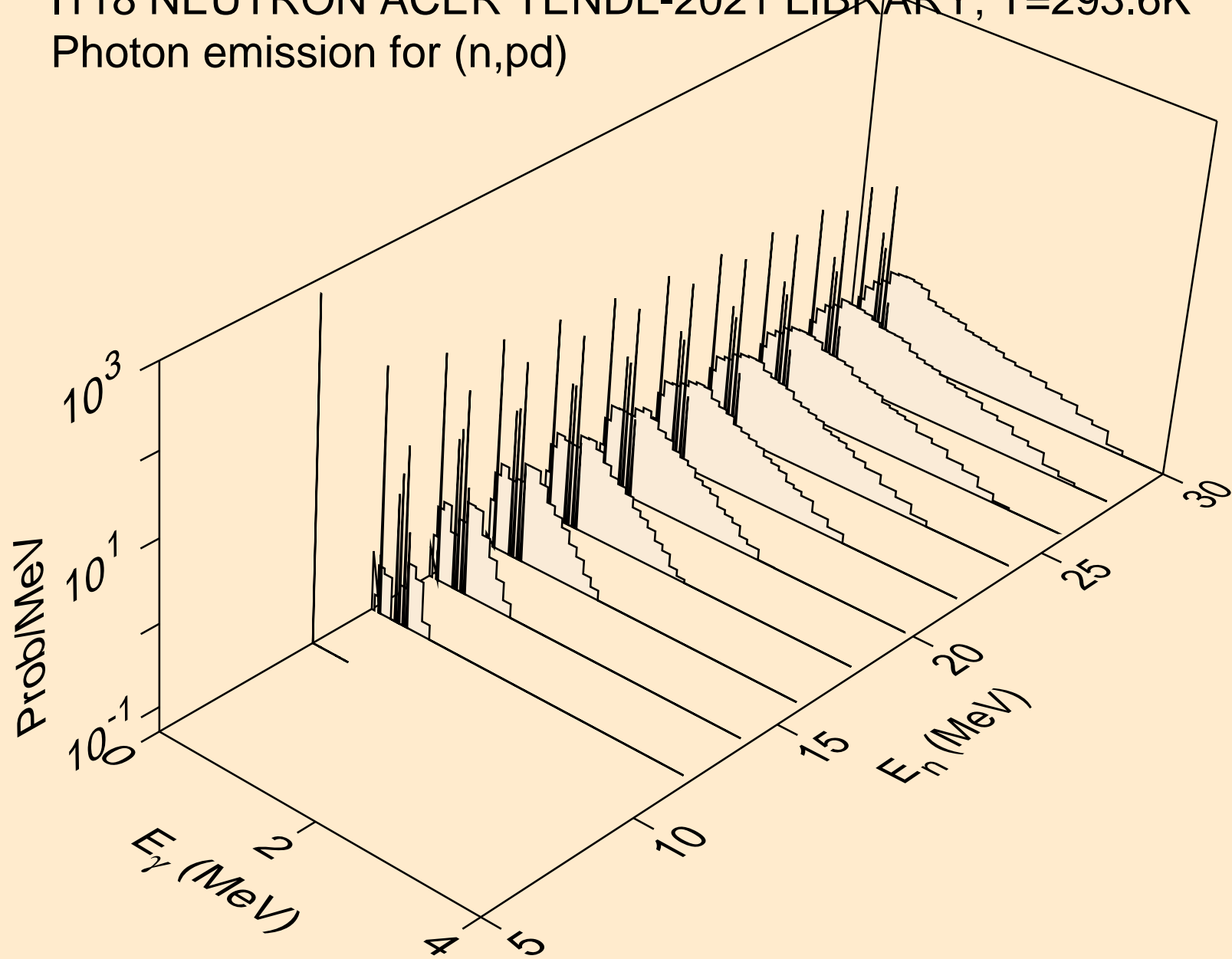
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



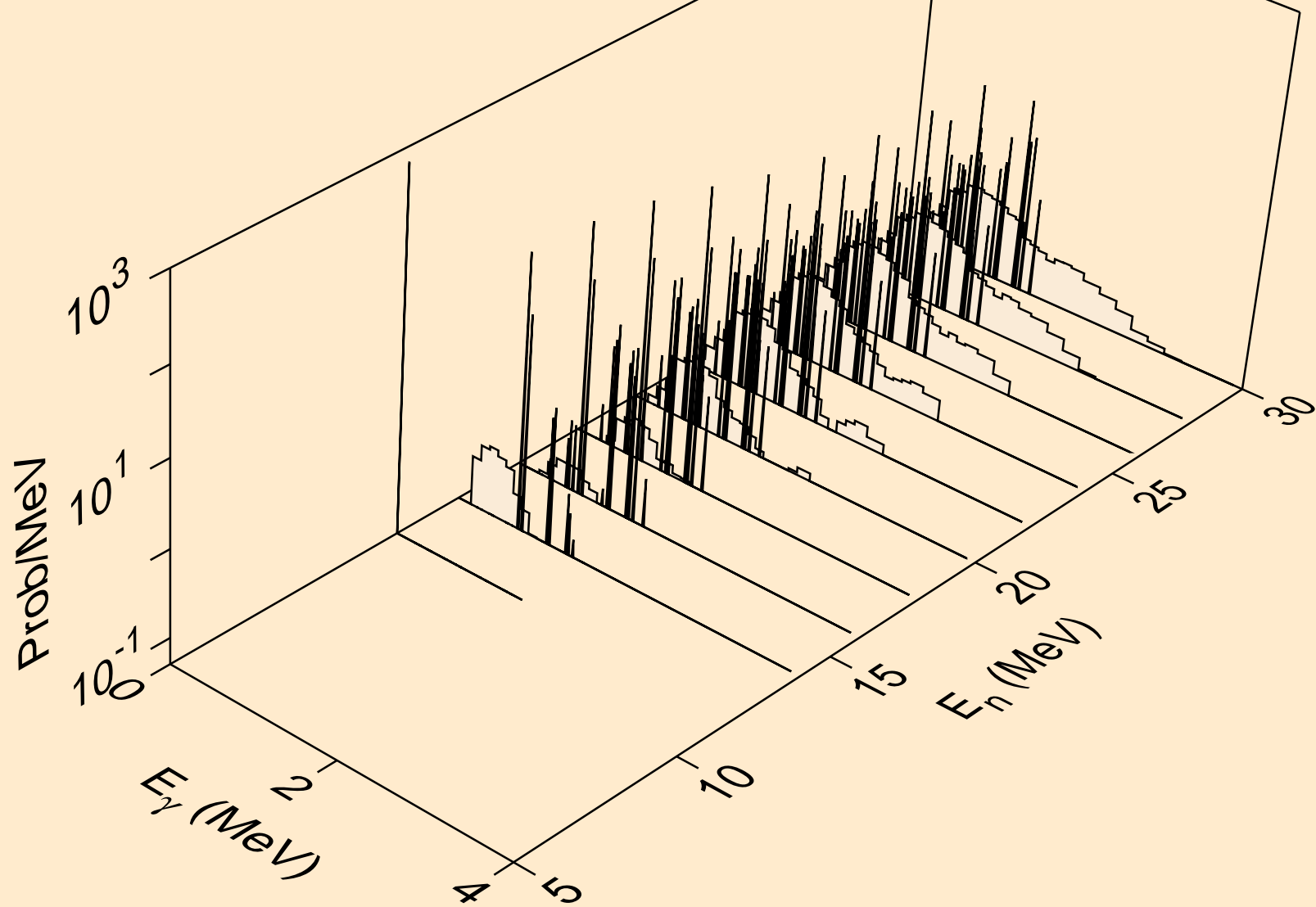
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



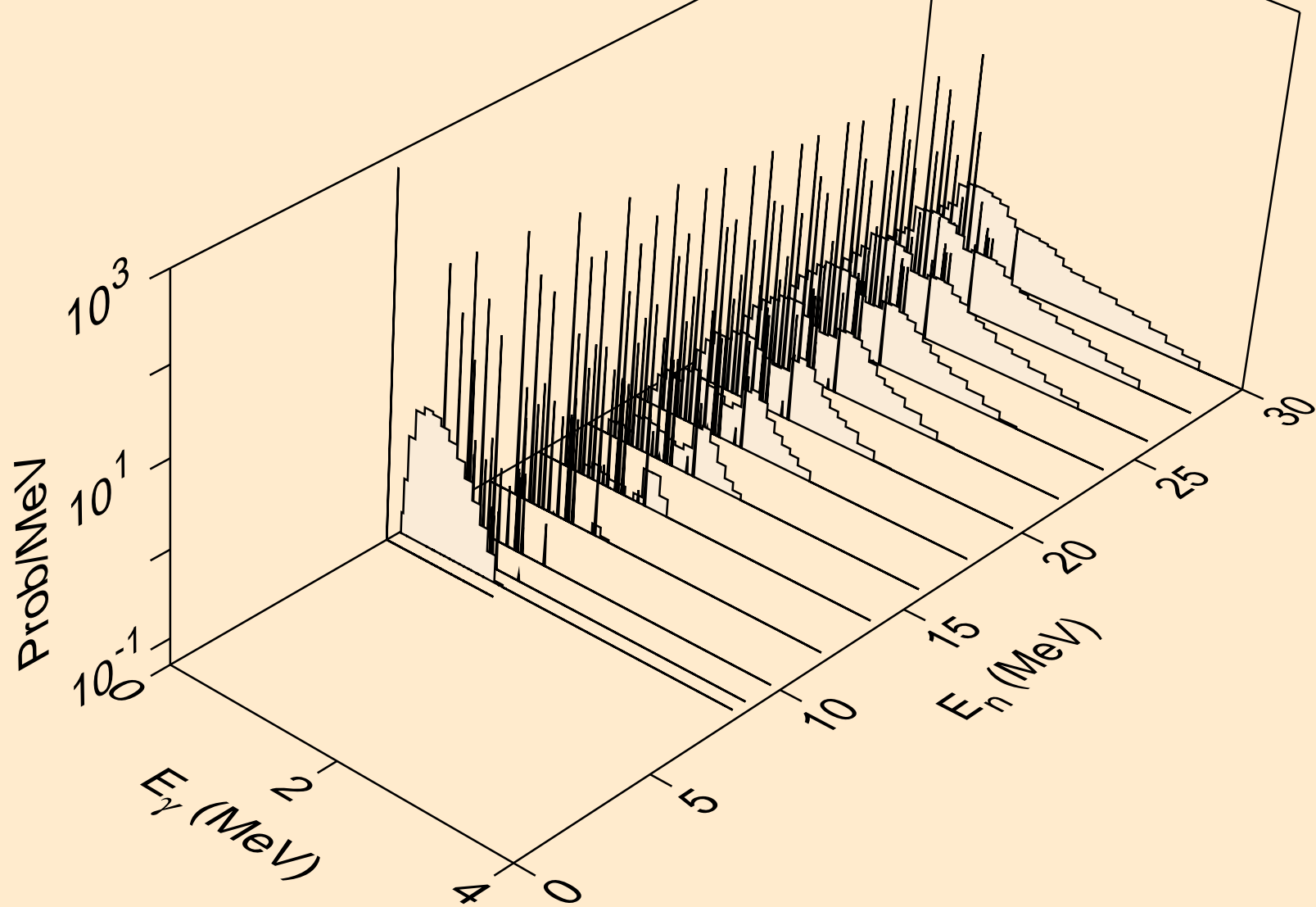
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



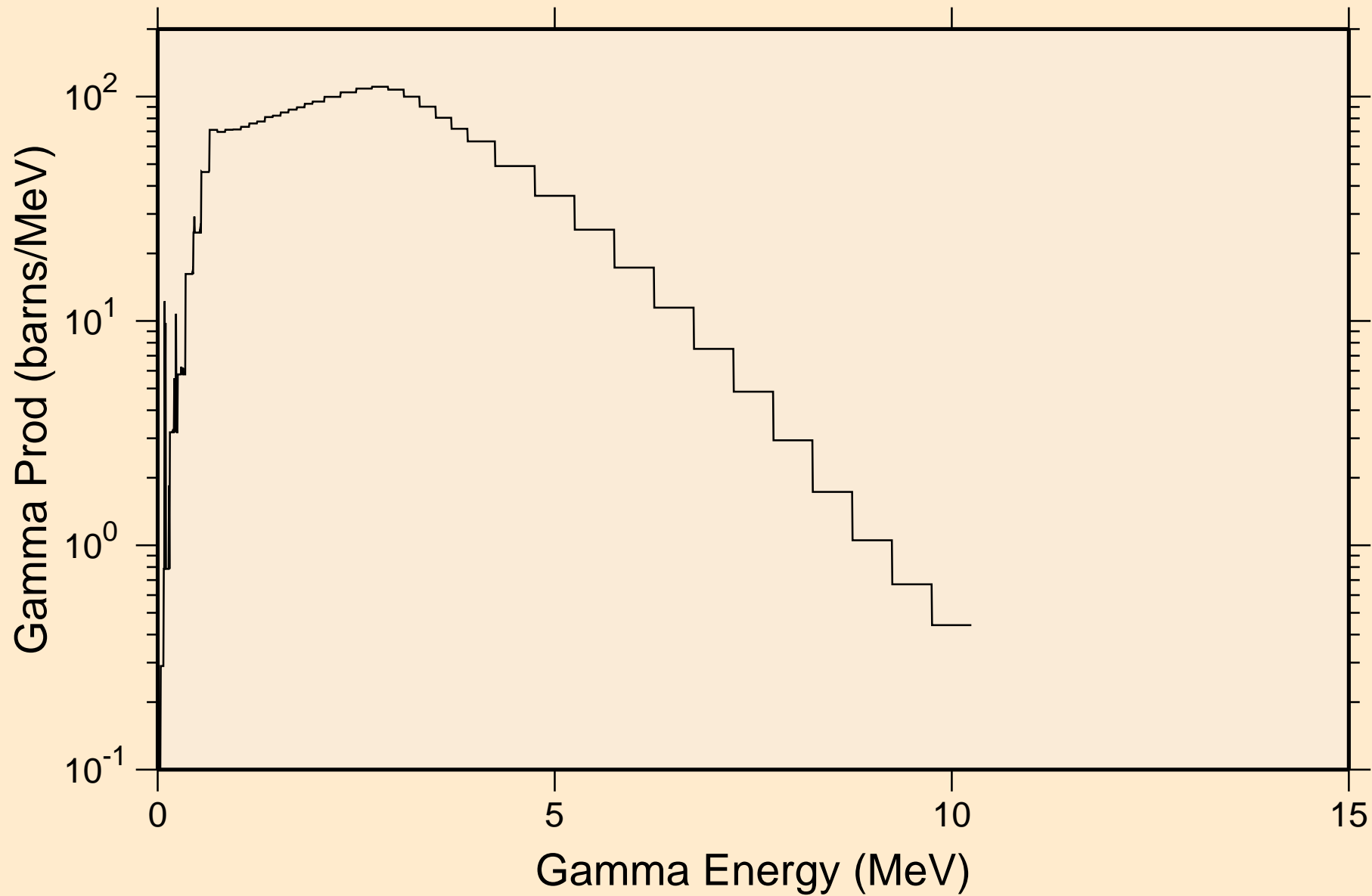
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)

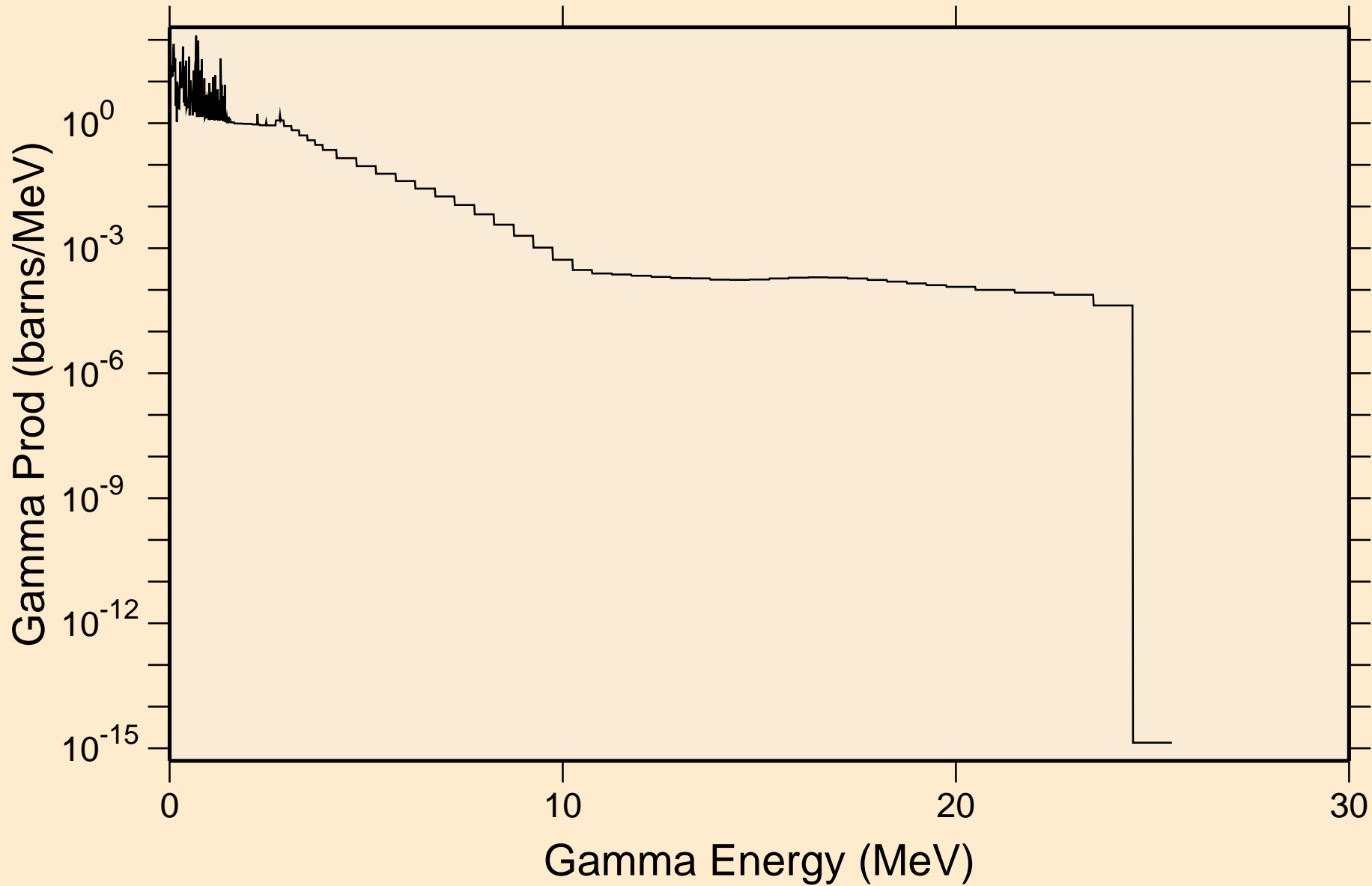


I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum



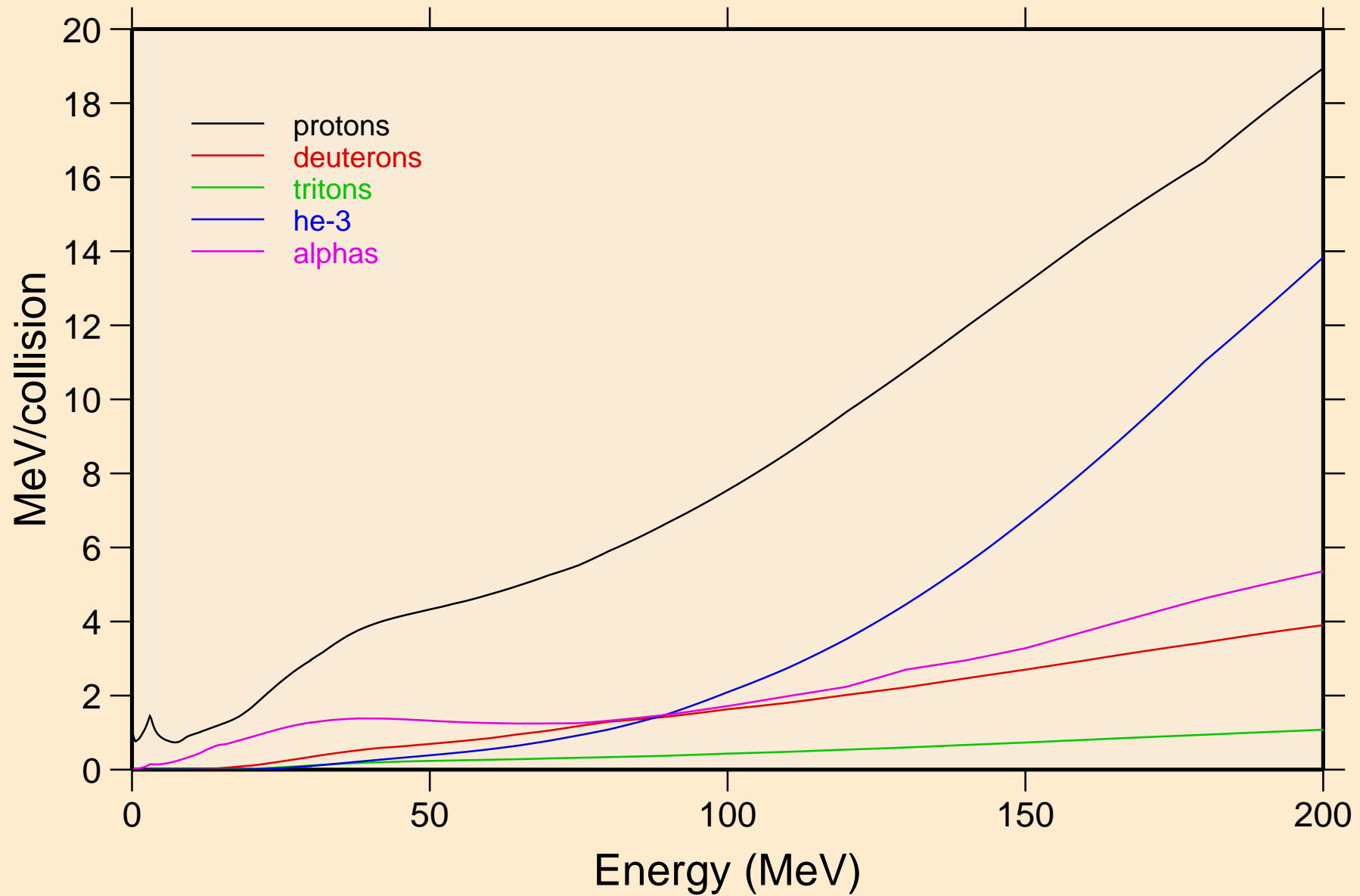


I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

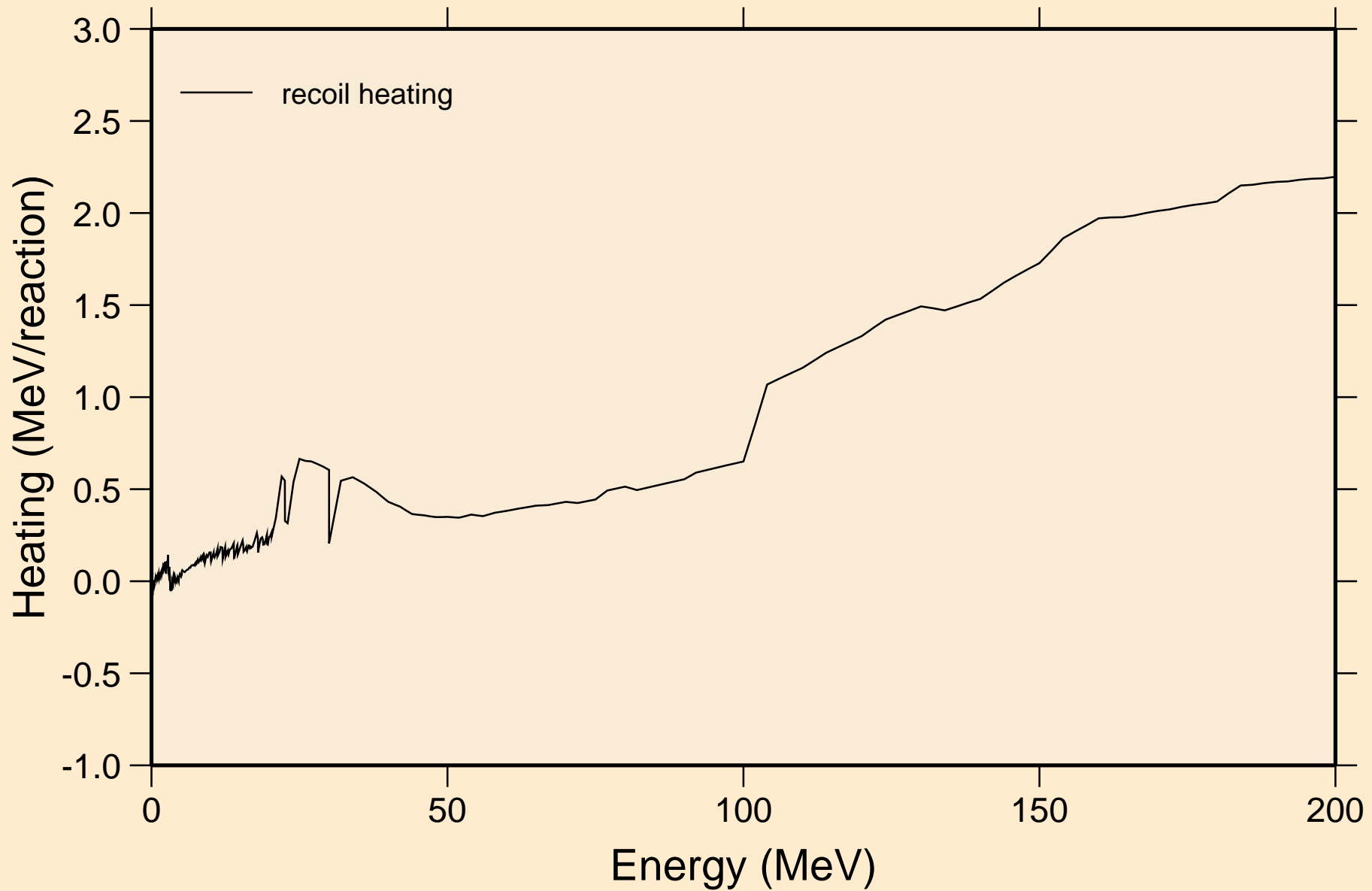


# I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions

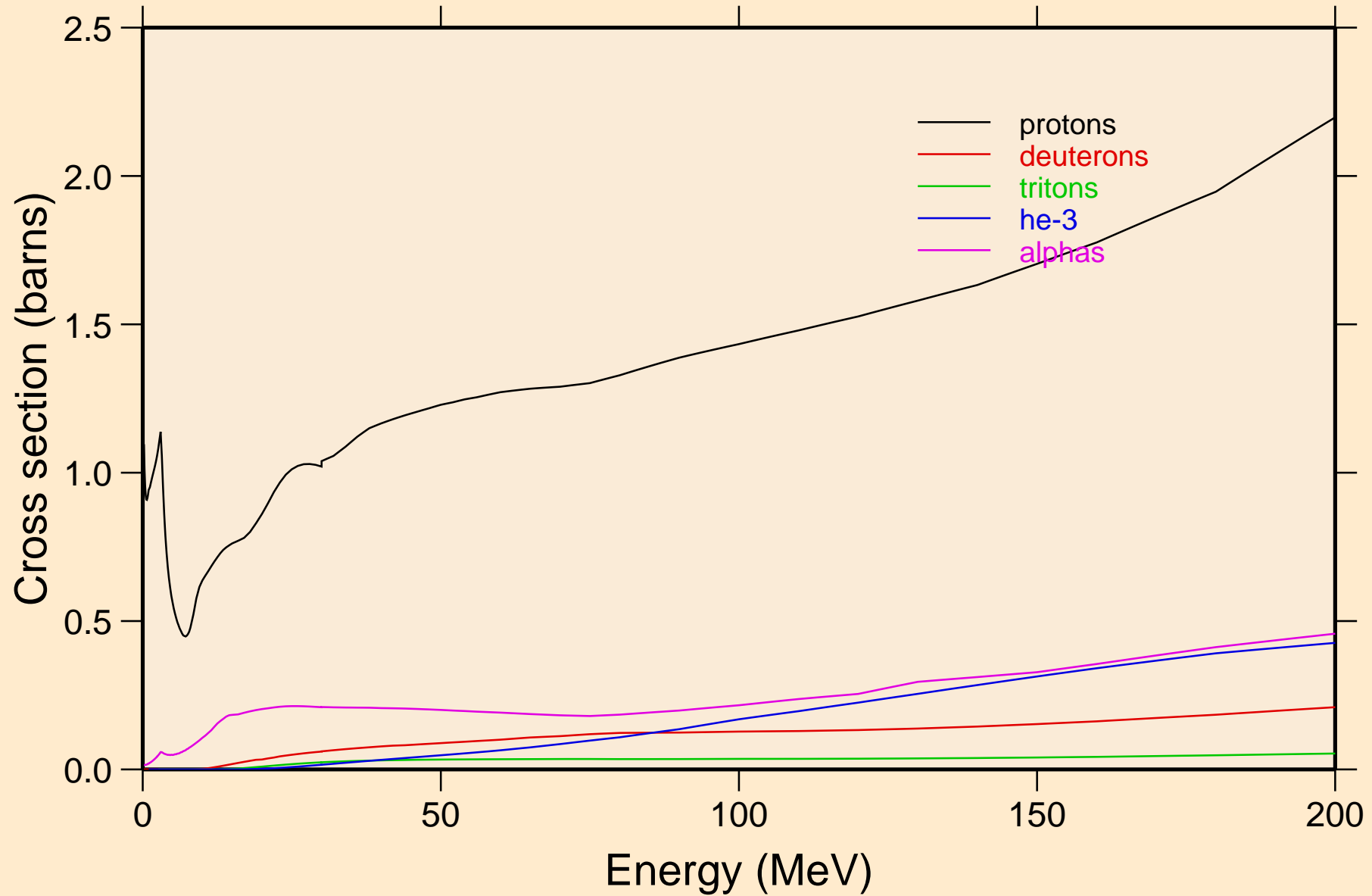


I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating

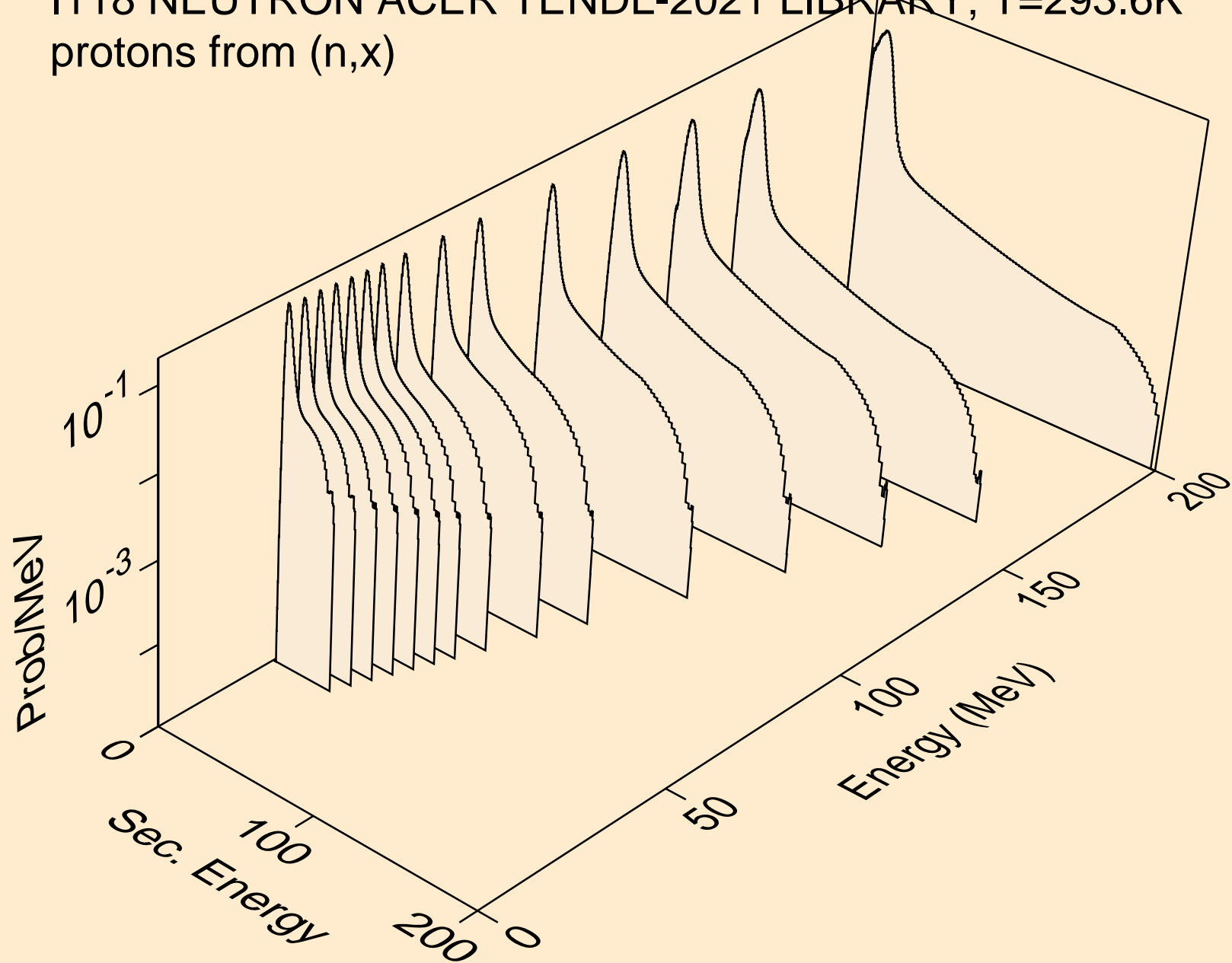


# I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

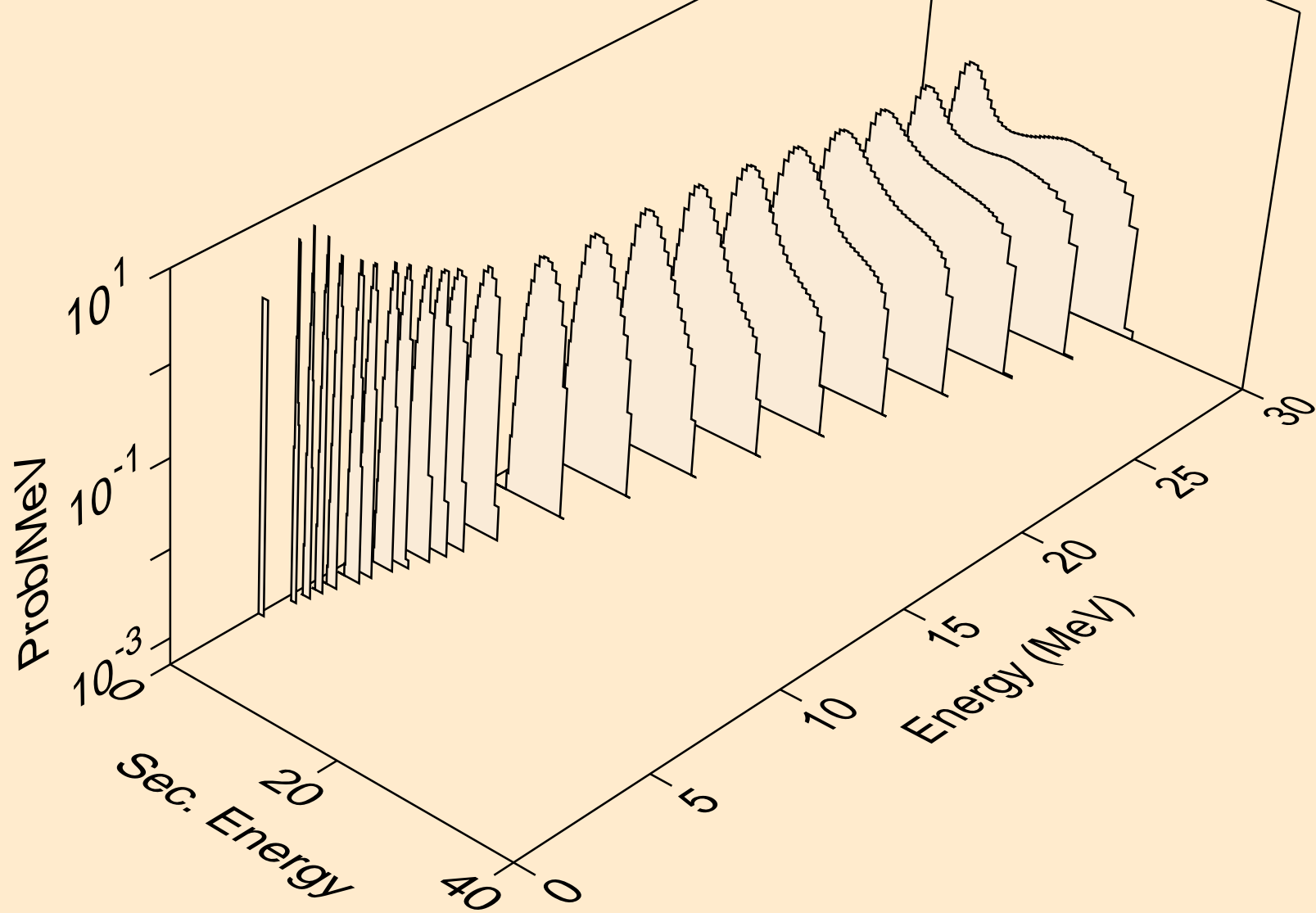
## Particle production cross sections



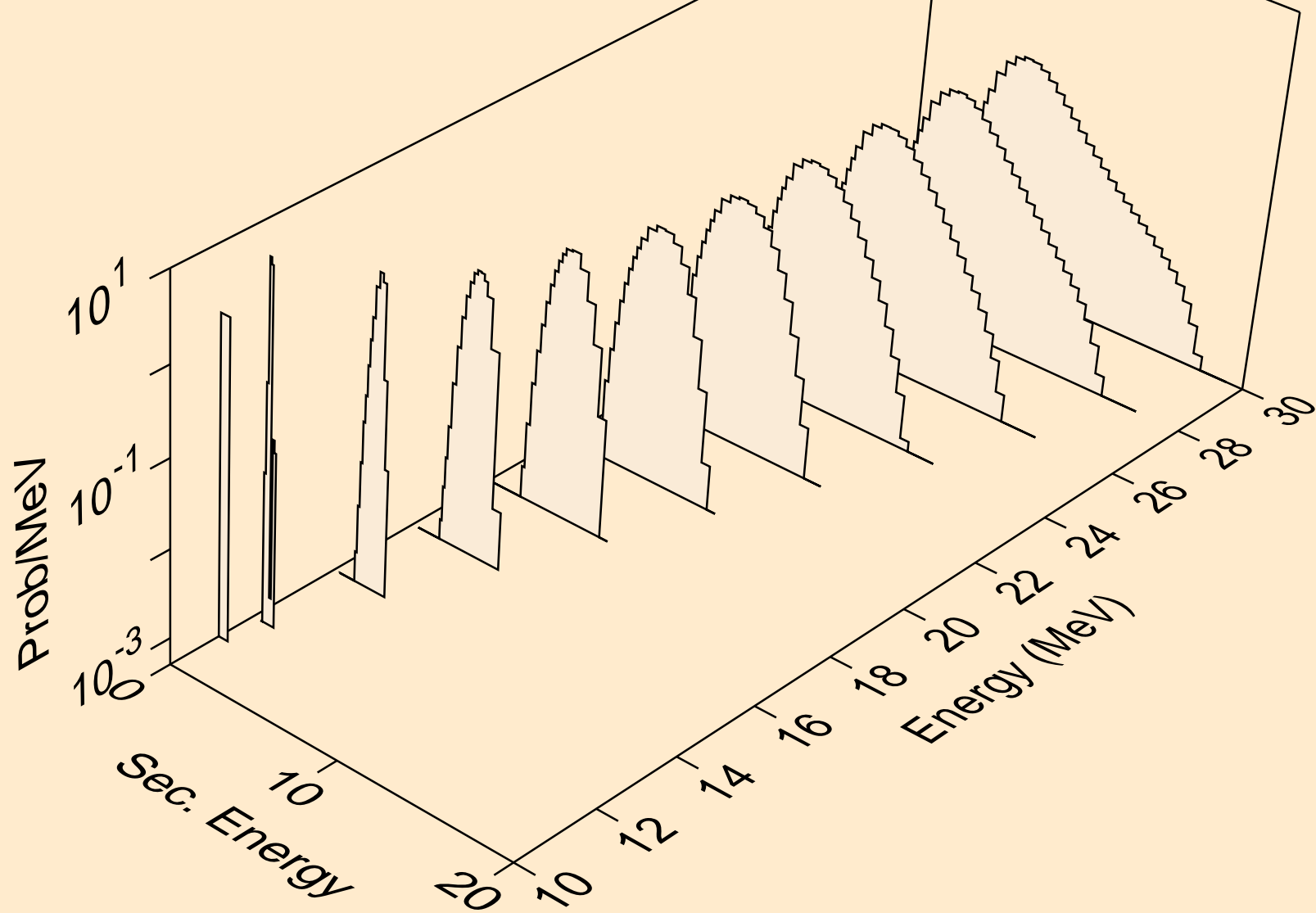
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



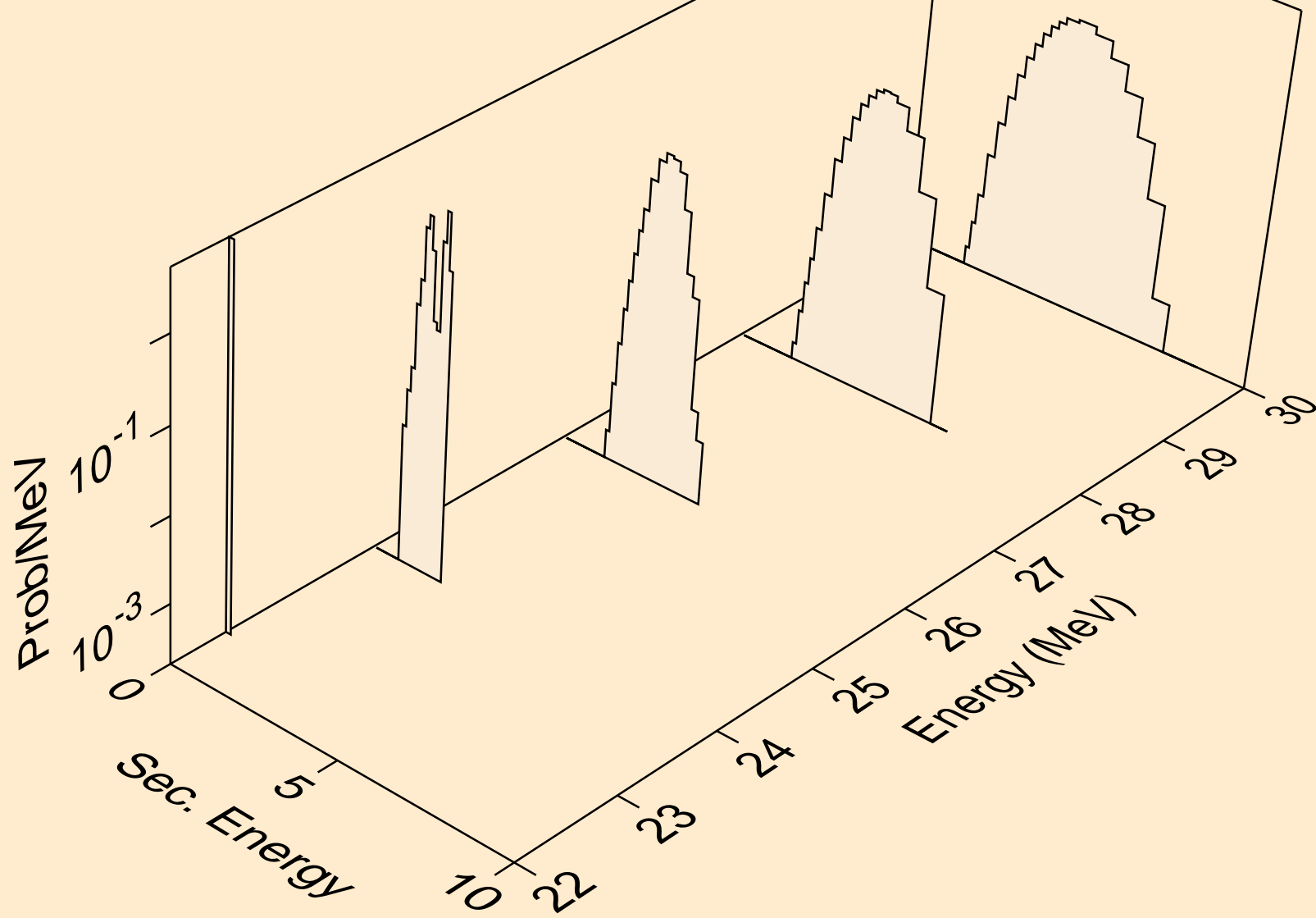
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)

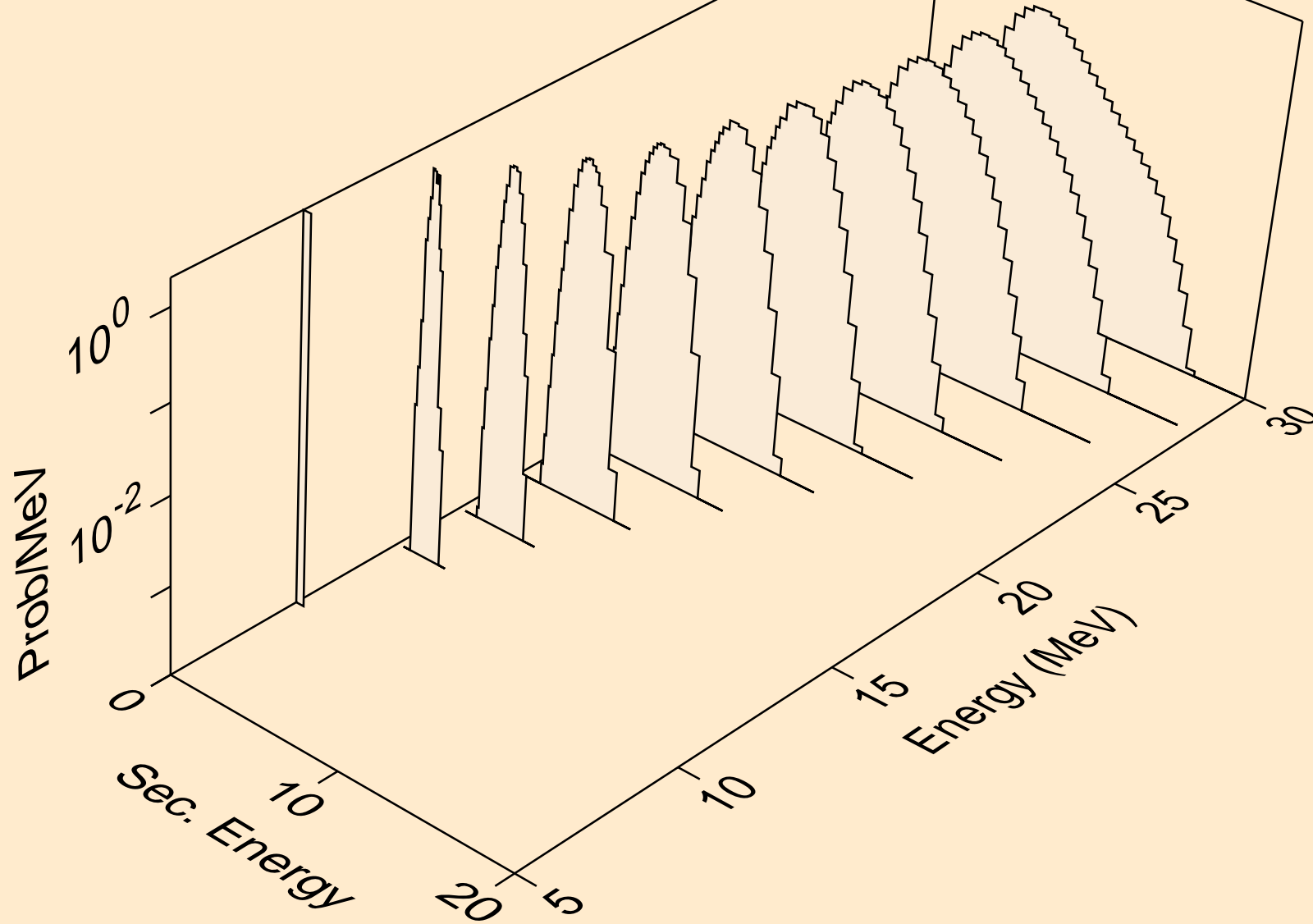


I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)

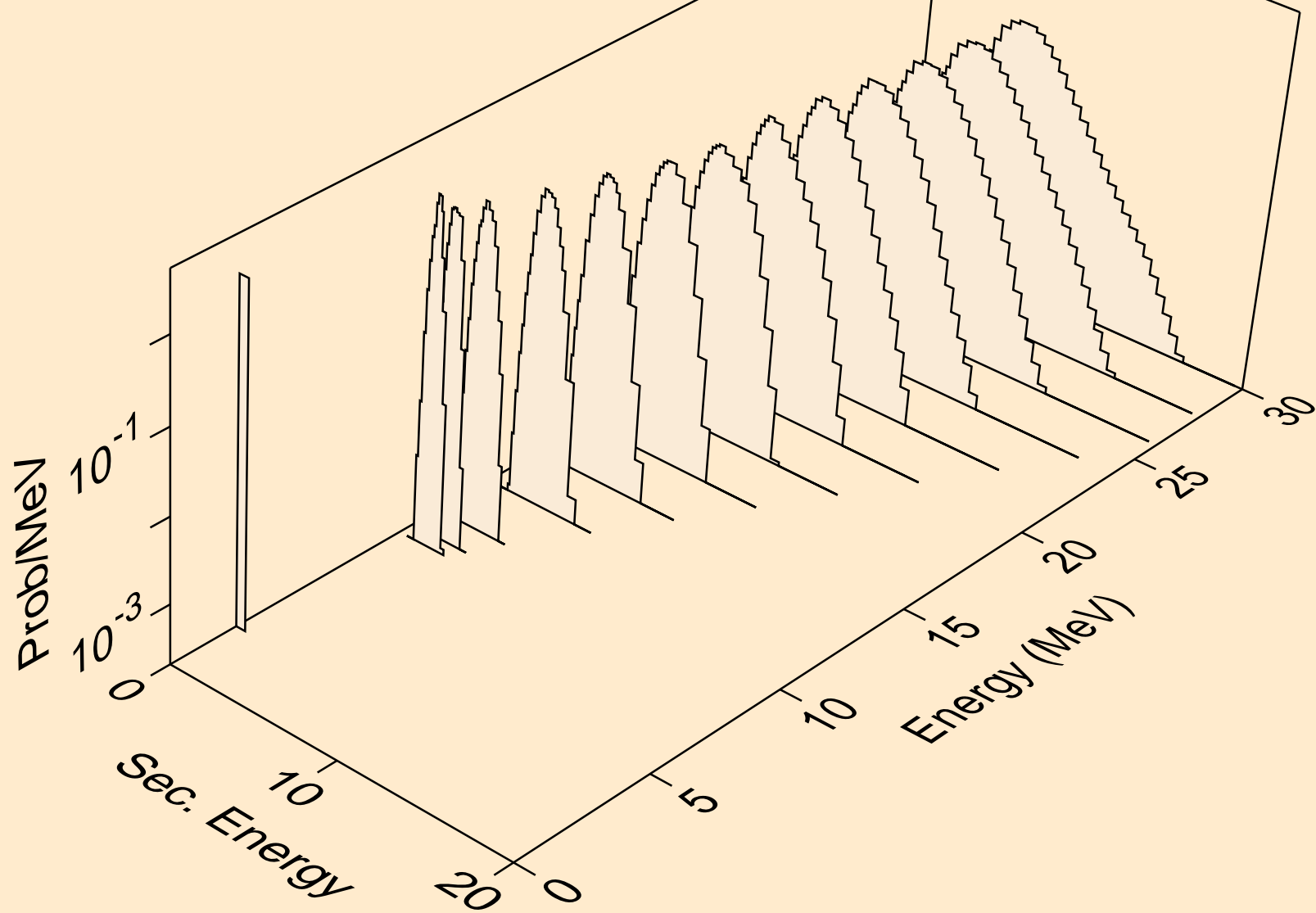




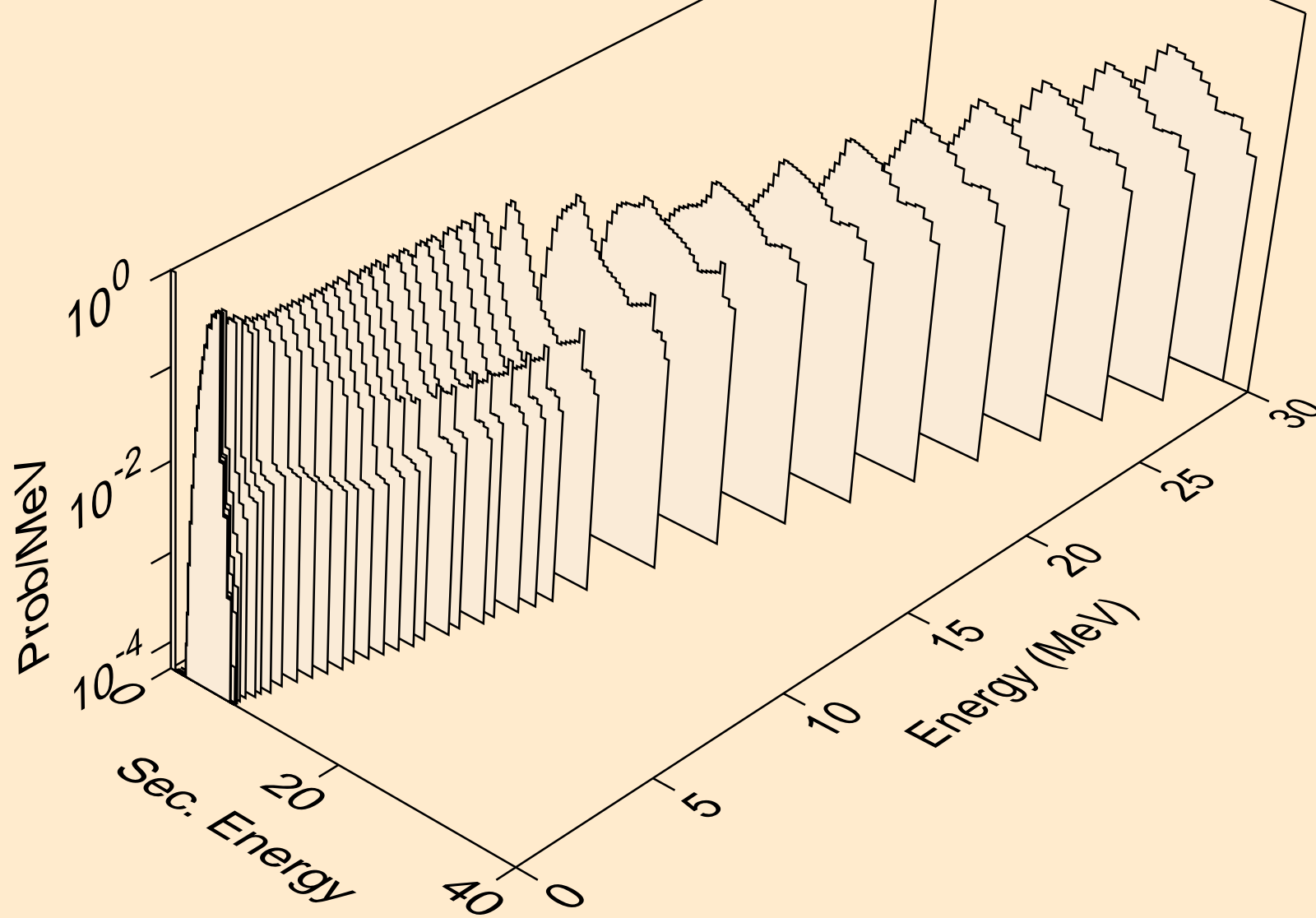
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protons from (n,2np)



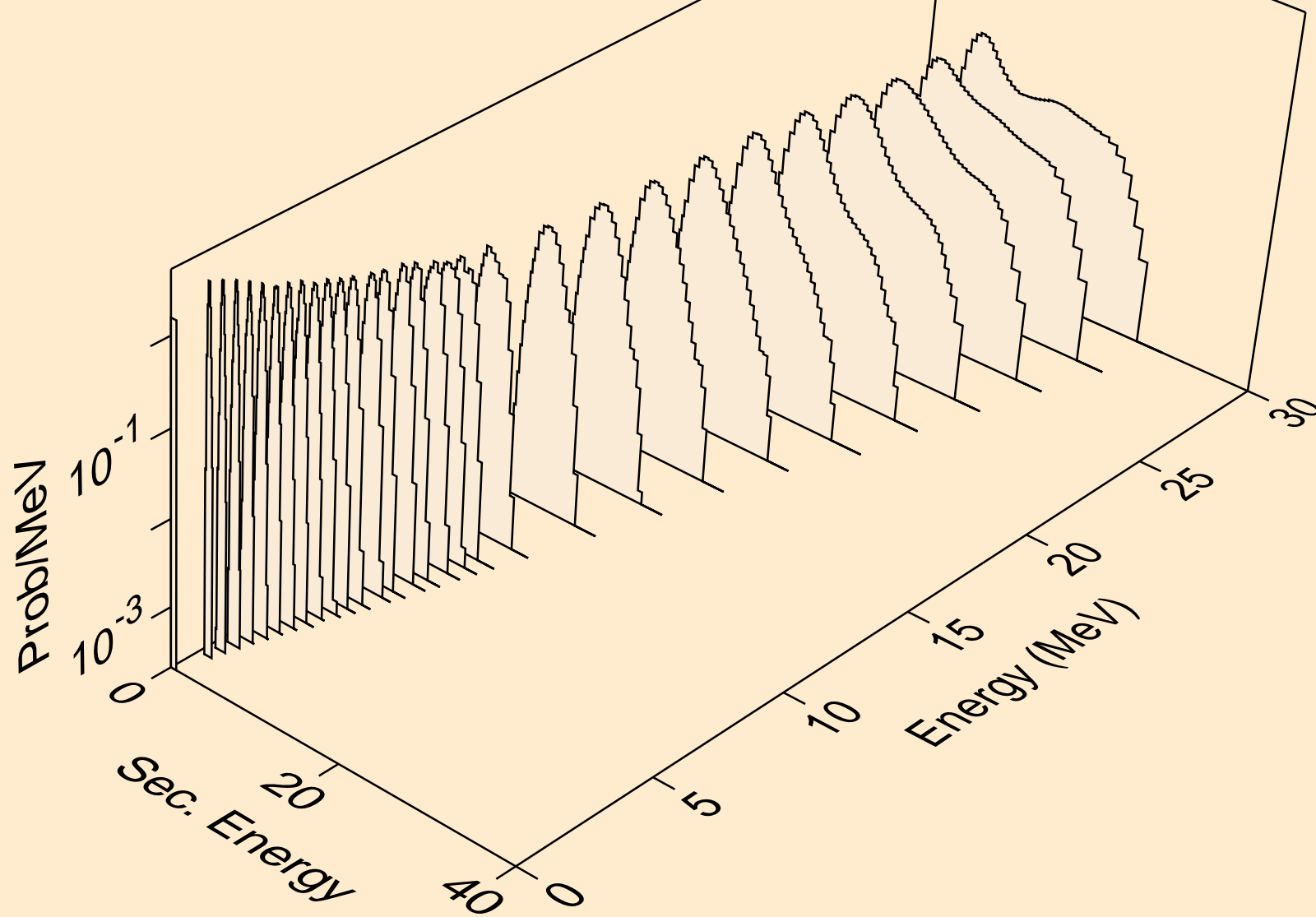
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protons from (n,npa)



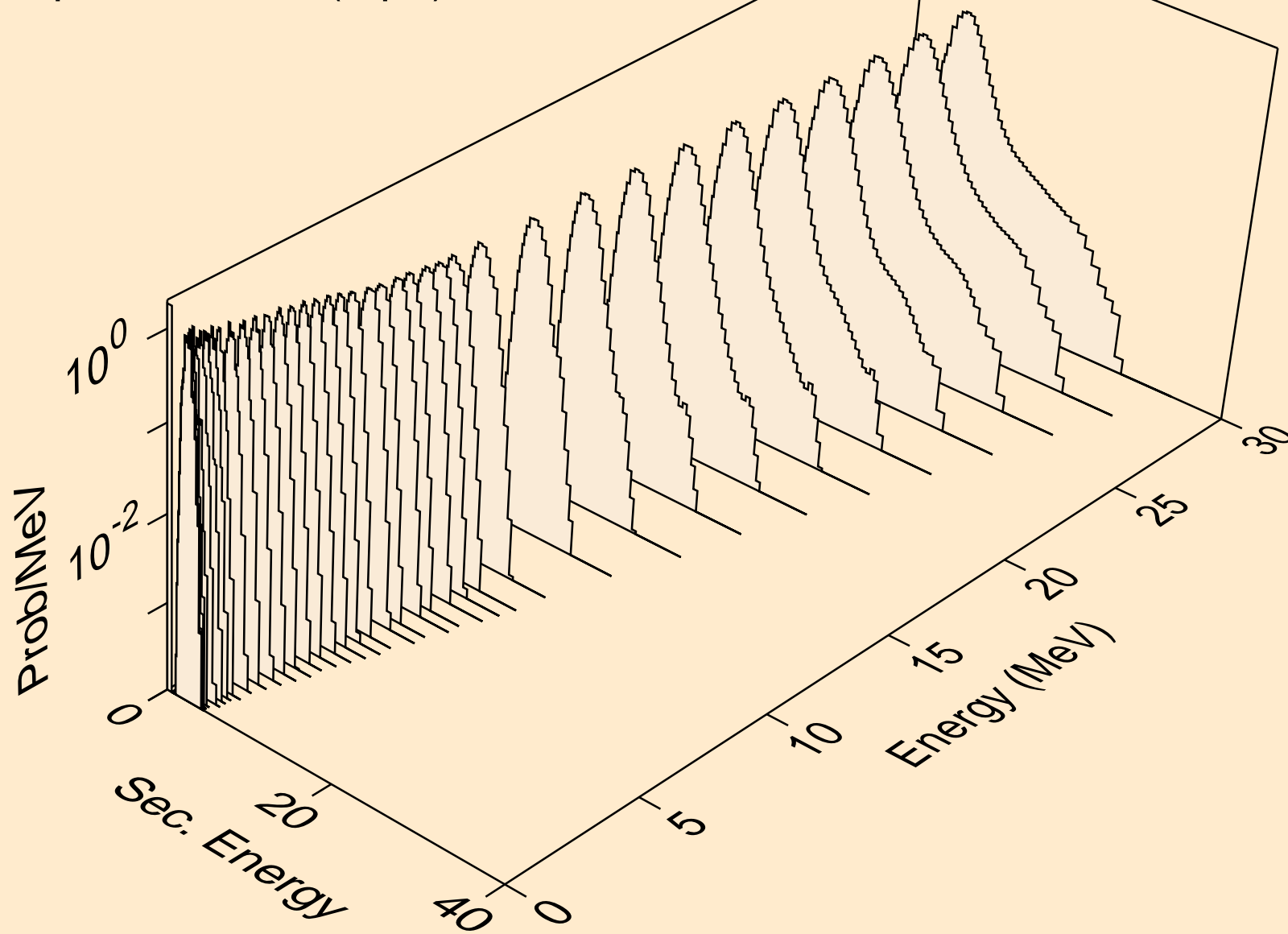
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protons from (n,p)



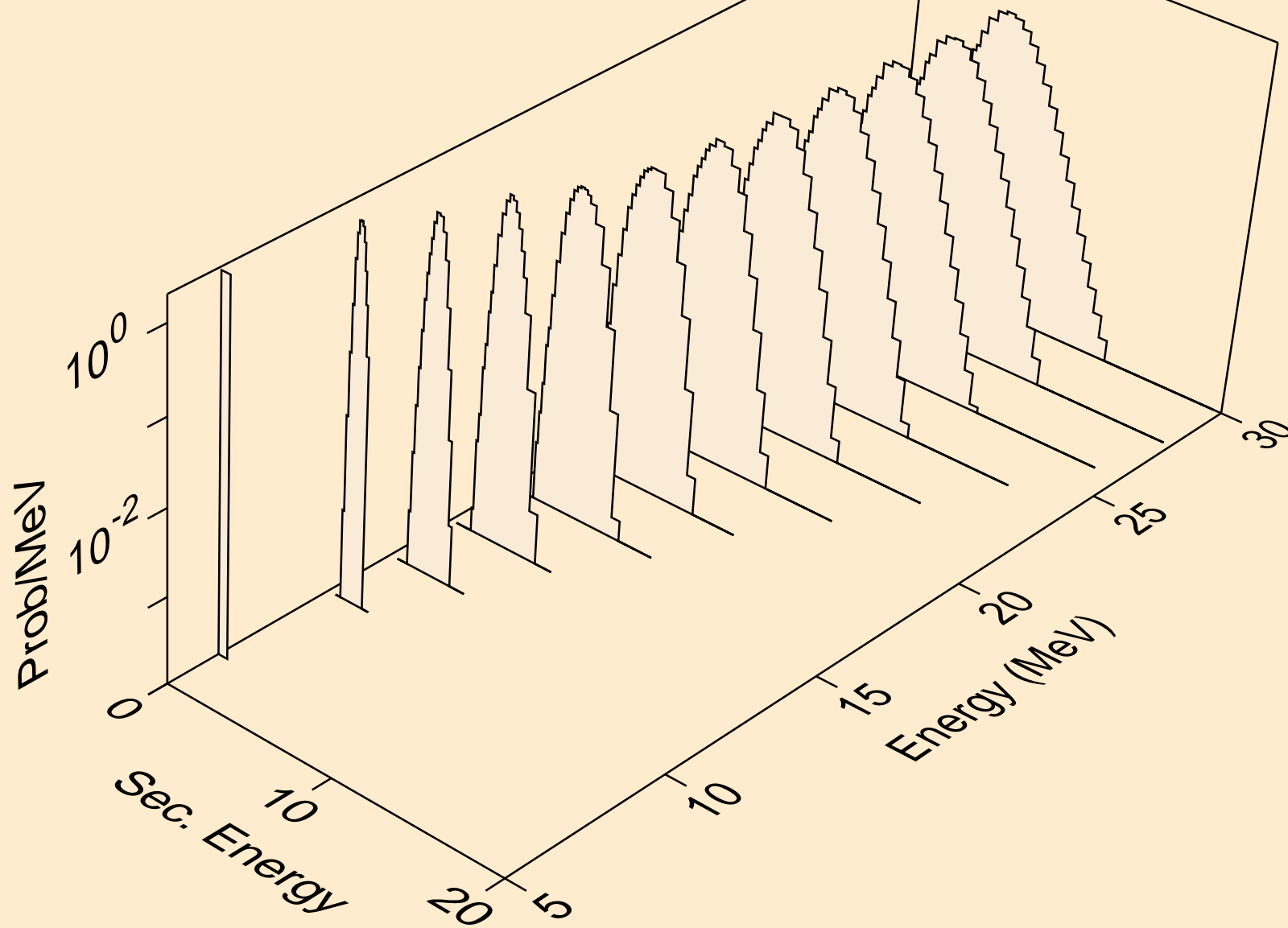
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protons from (n,2p)



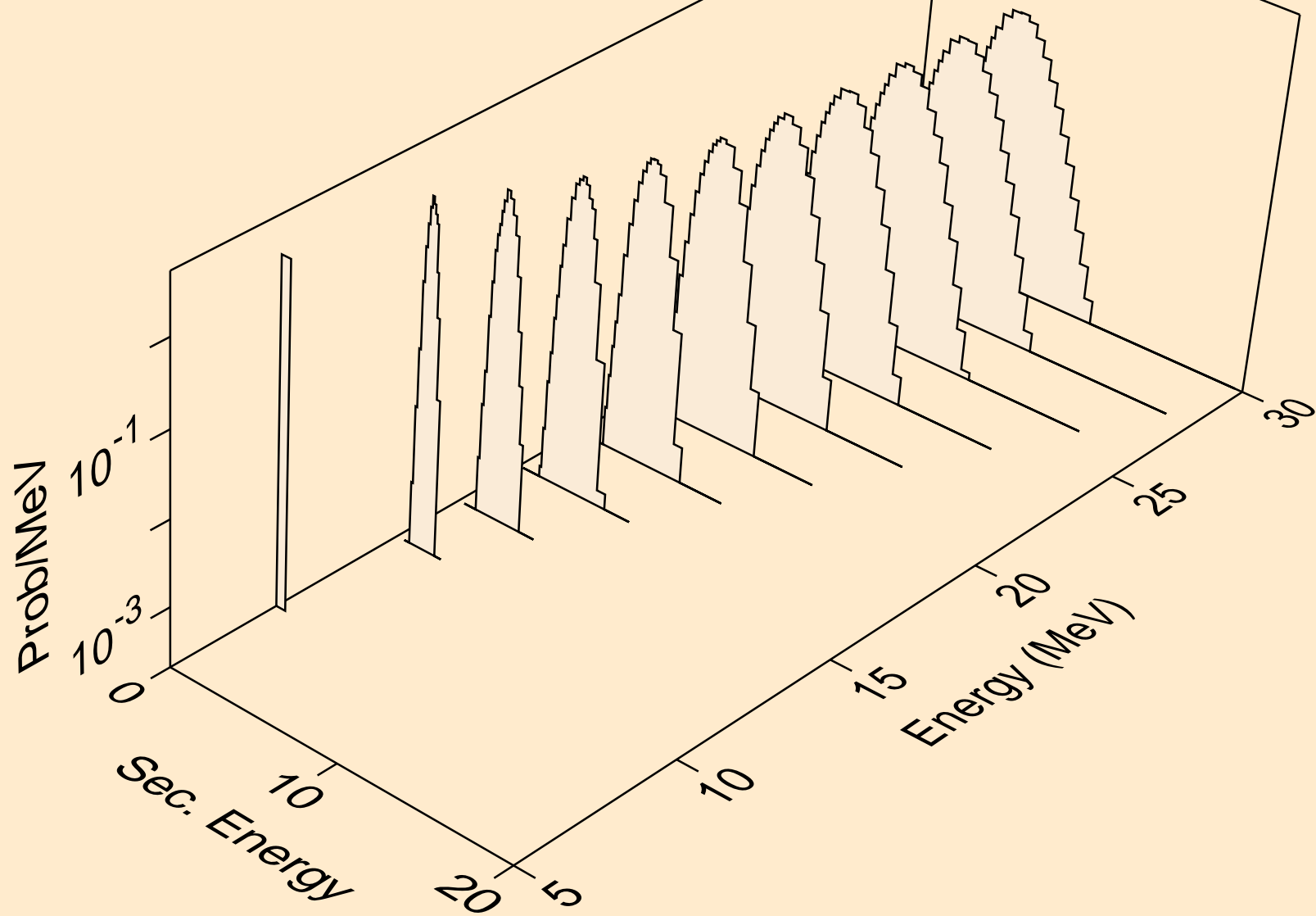
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protons from (n,p)



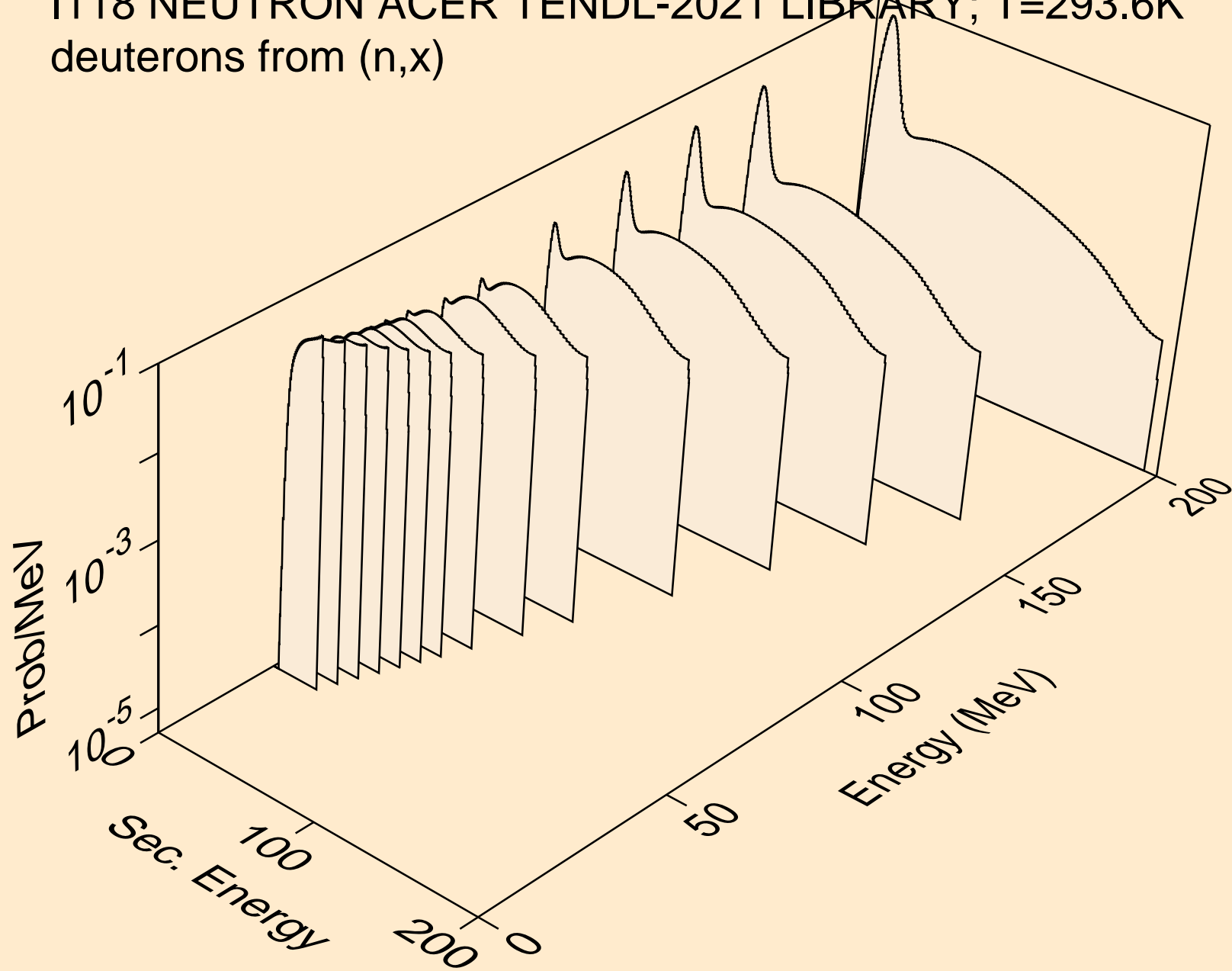
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pd)



I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)

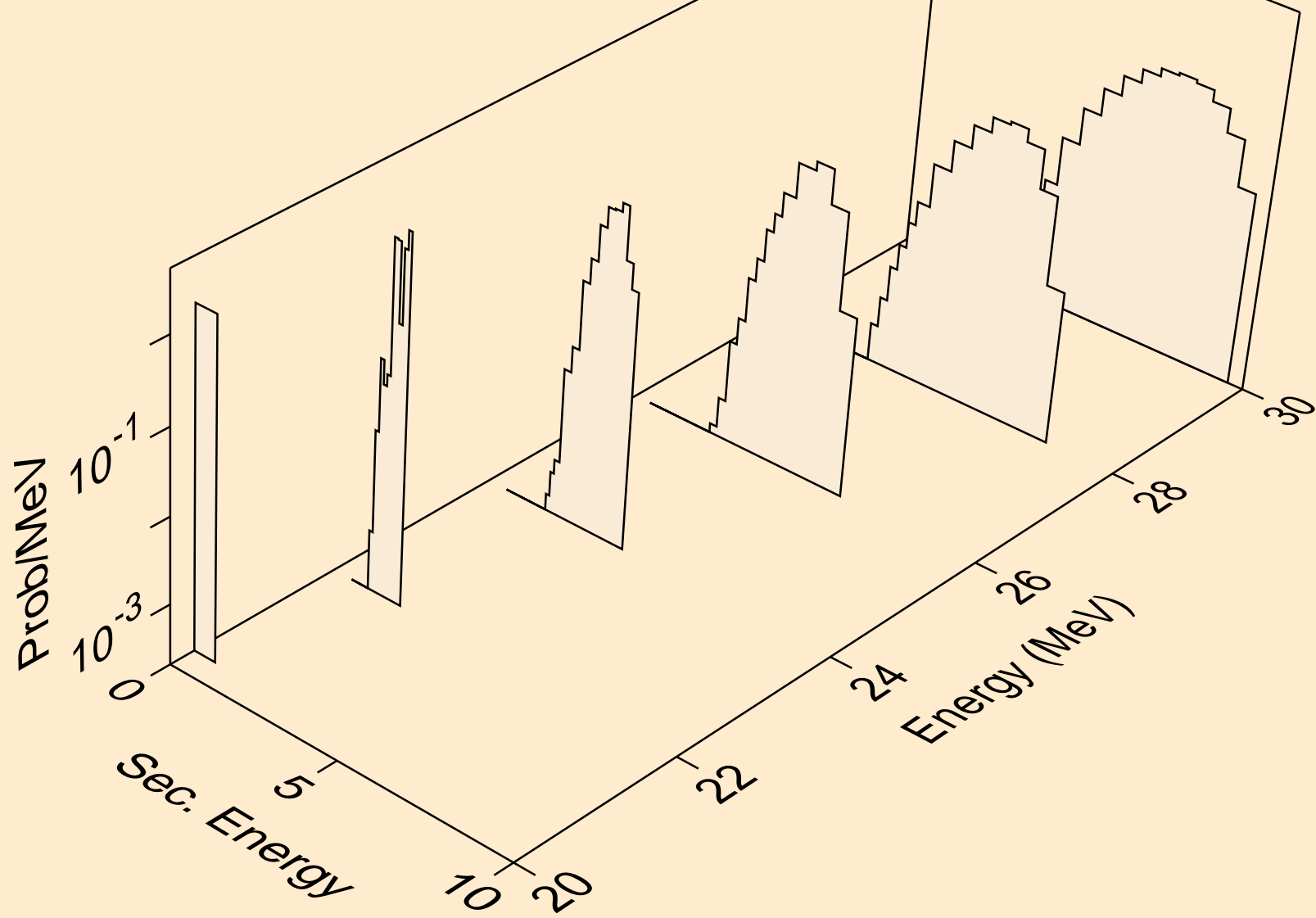


I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)

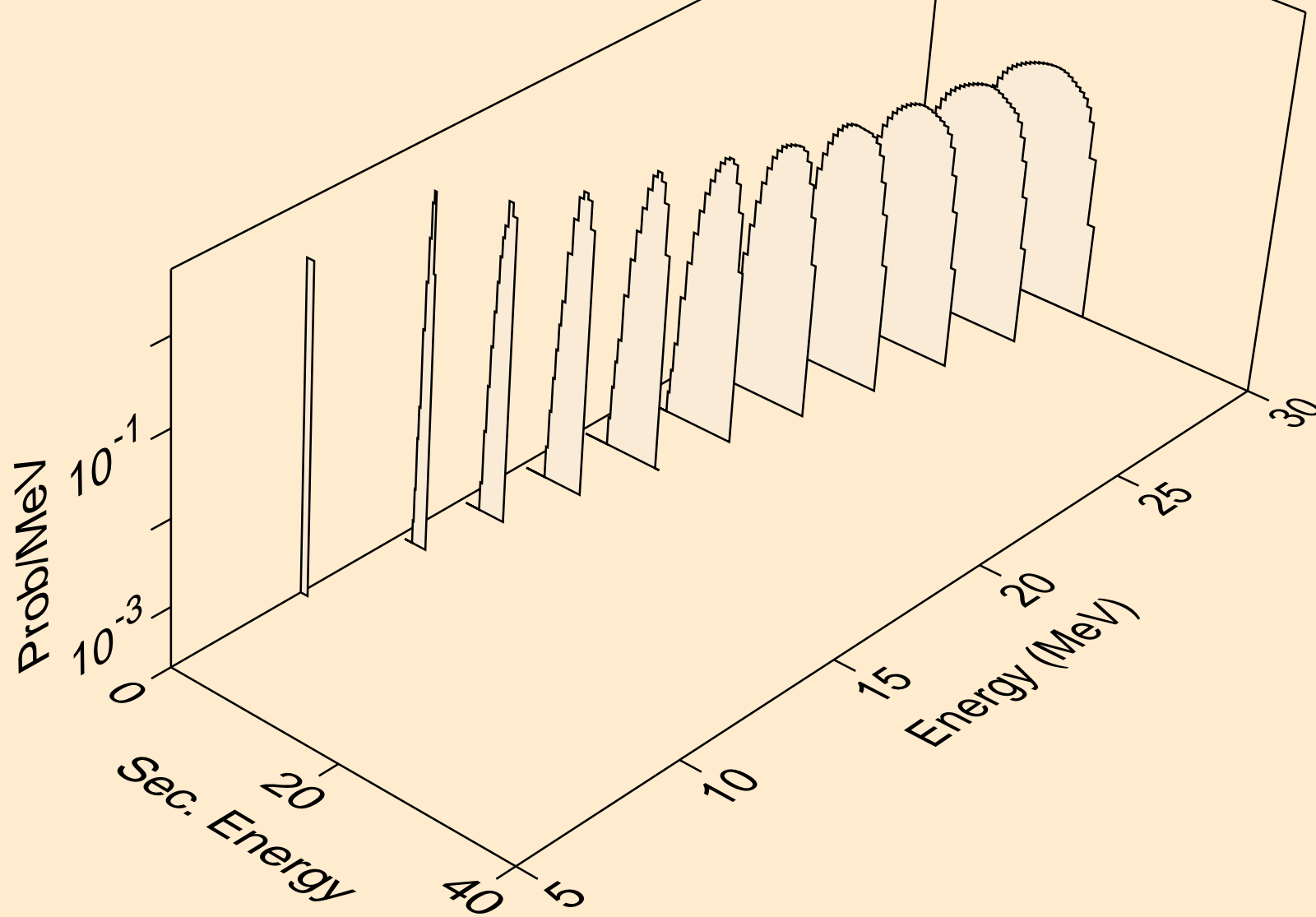




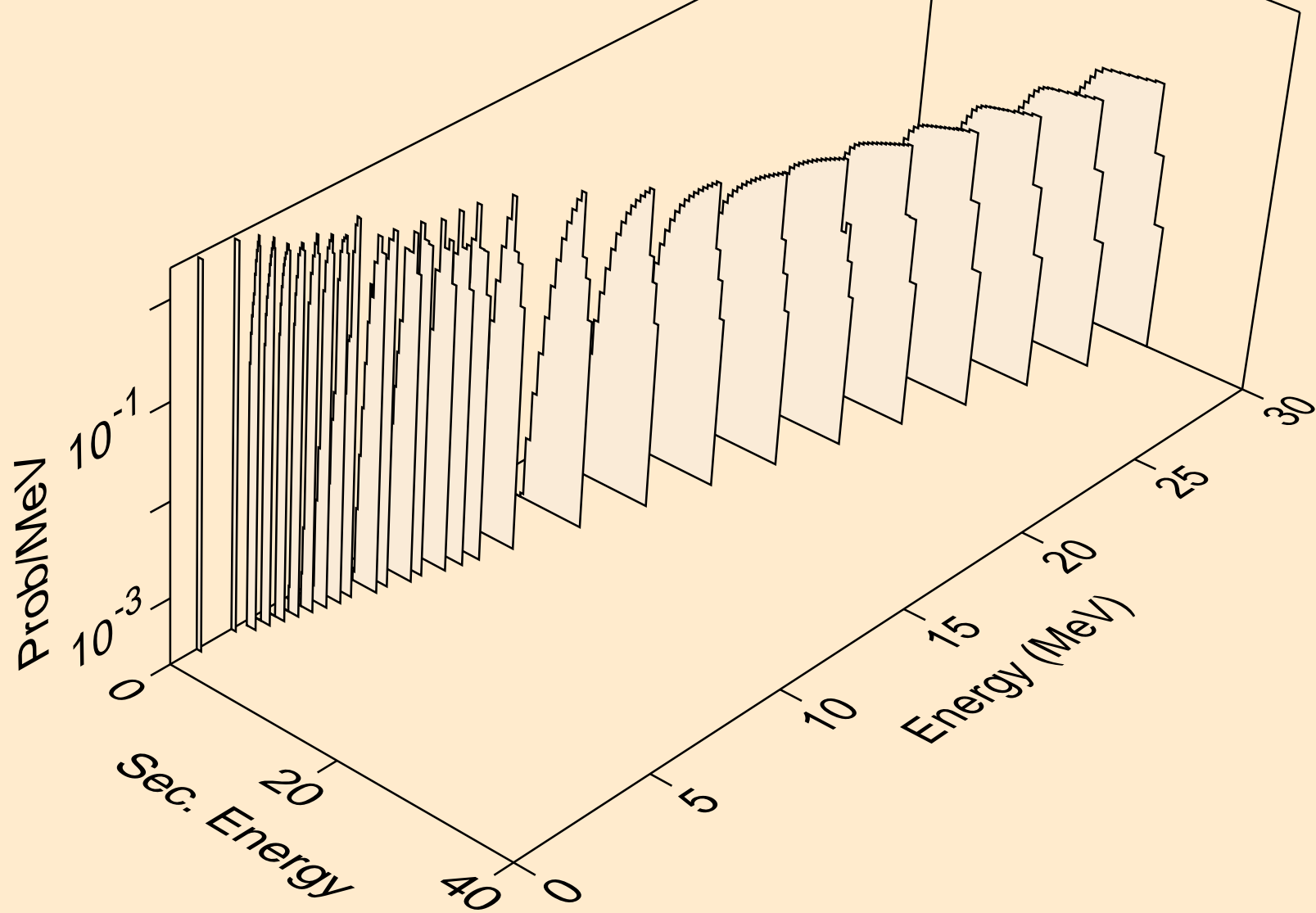
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deuterons from (n,2nd)



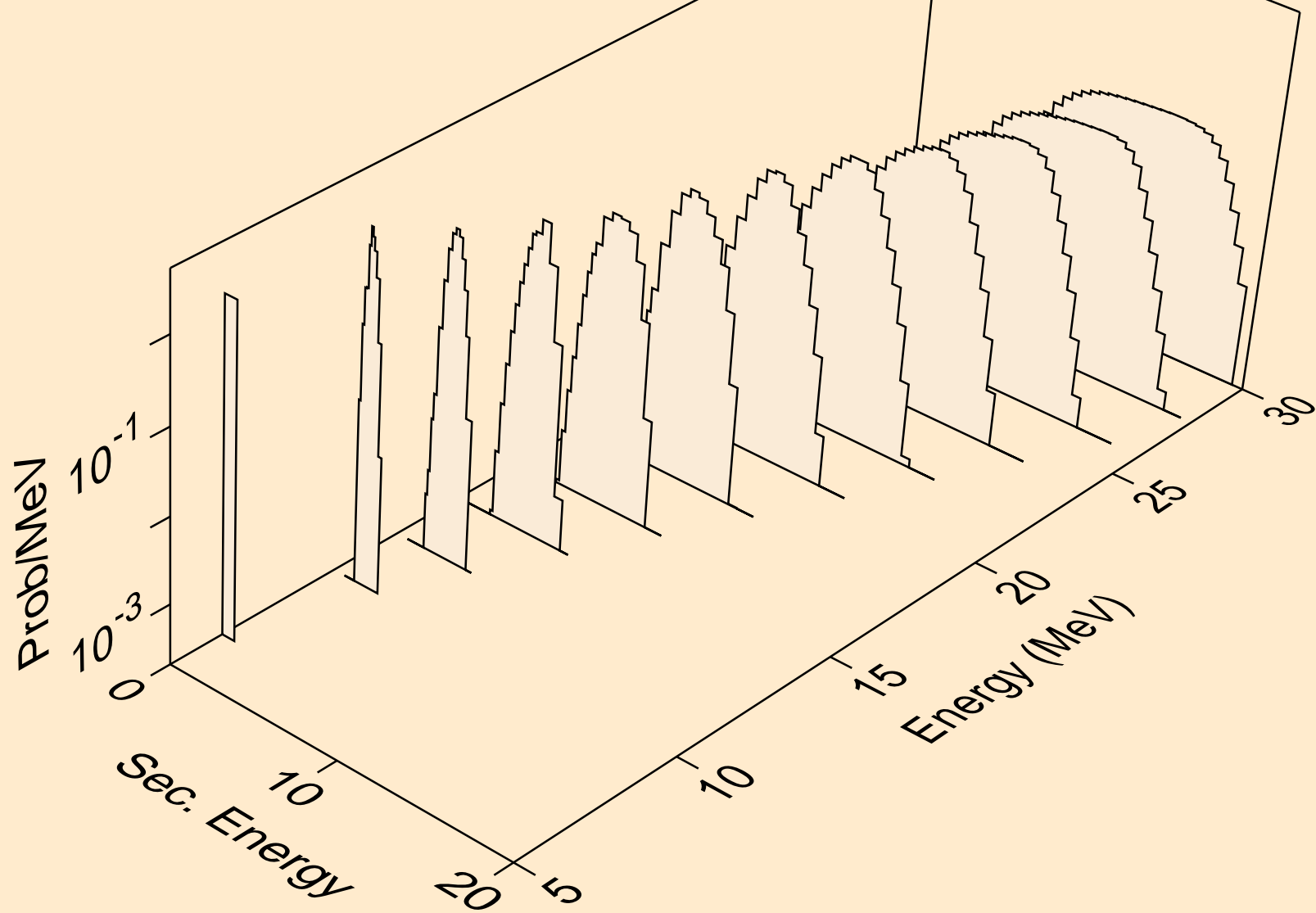
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



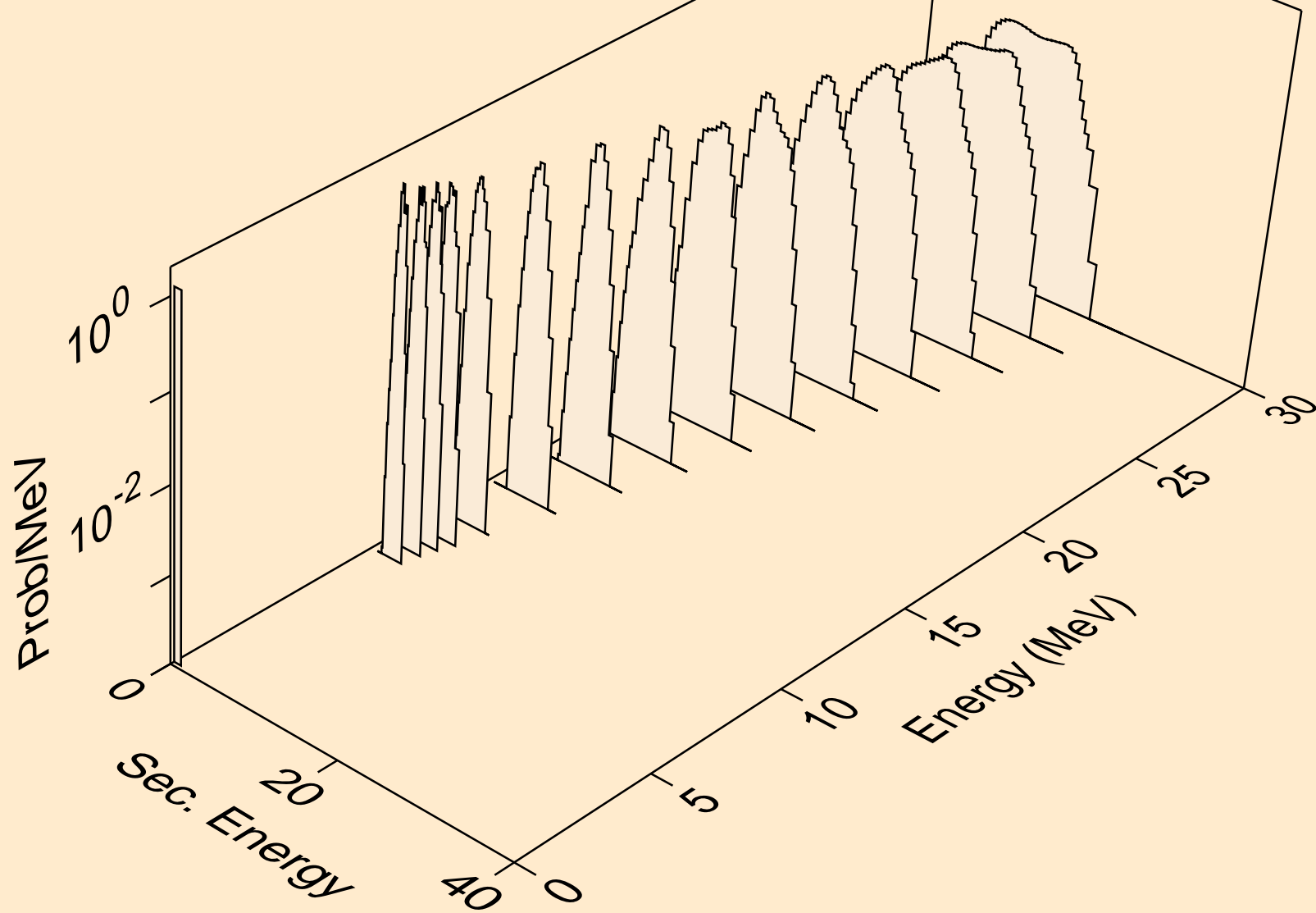
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deuterons from (n,d)



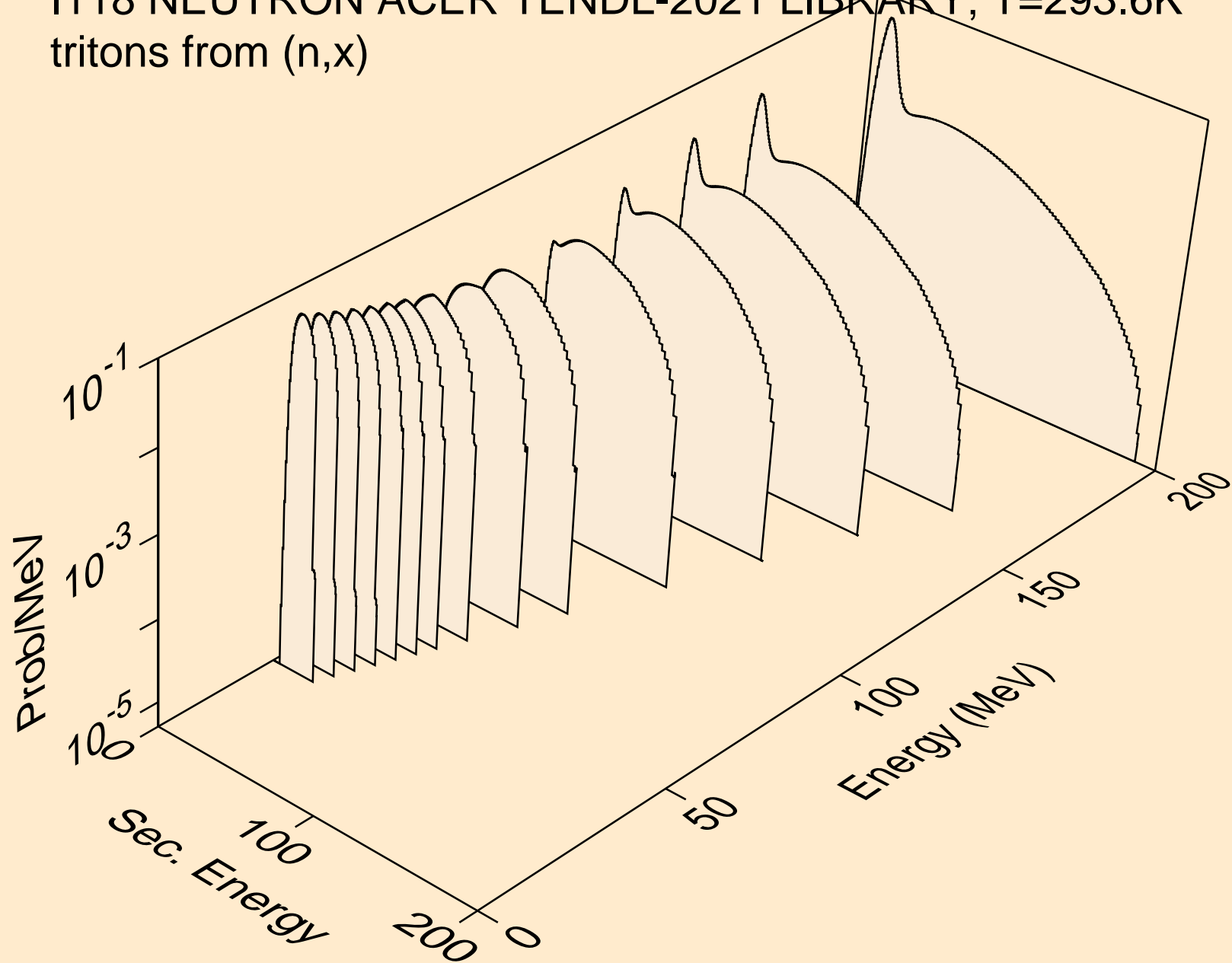
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deuterons from (n,pd)



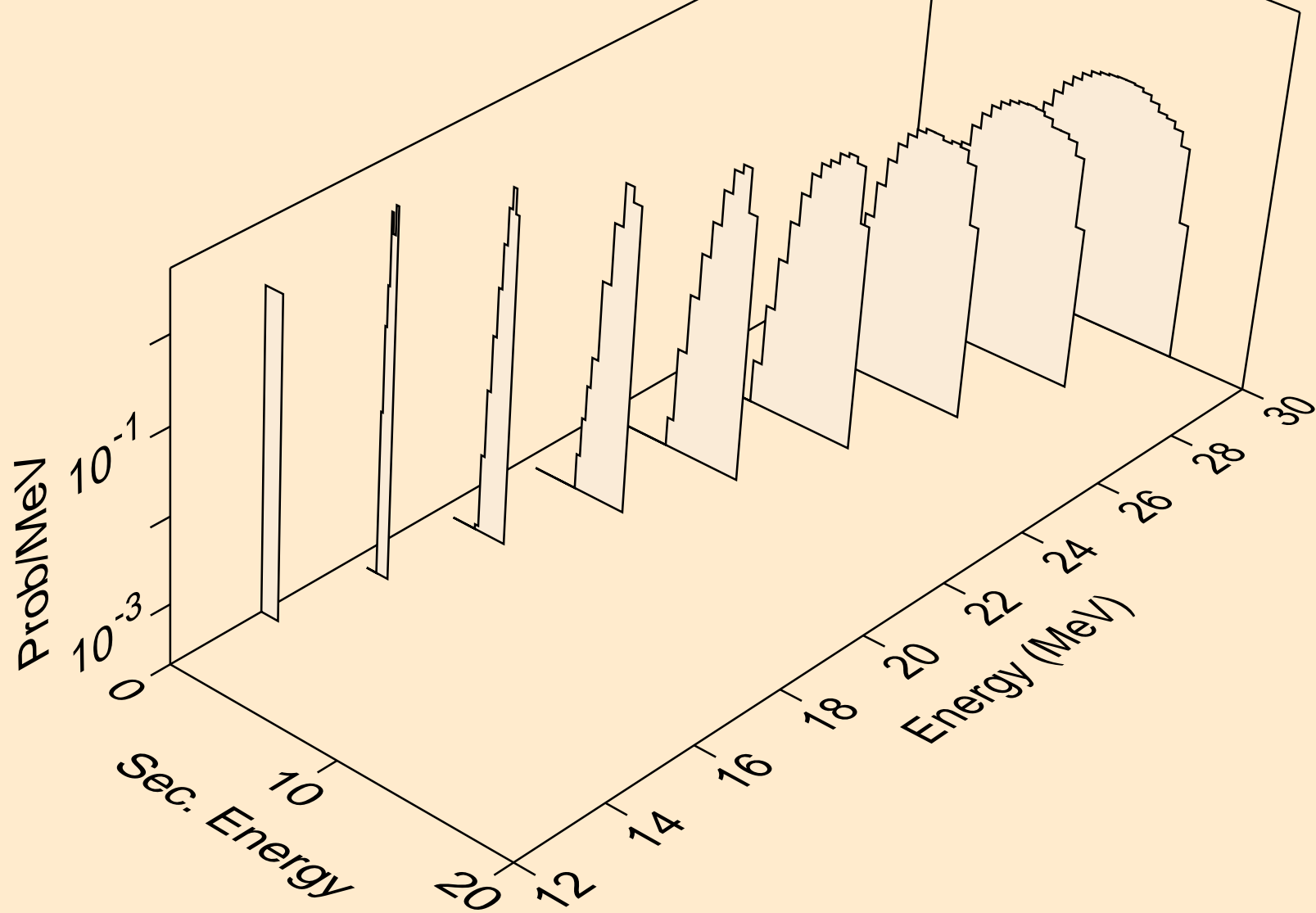
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deuterons from (n,da)



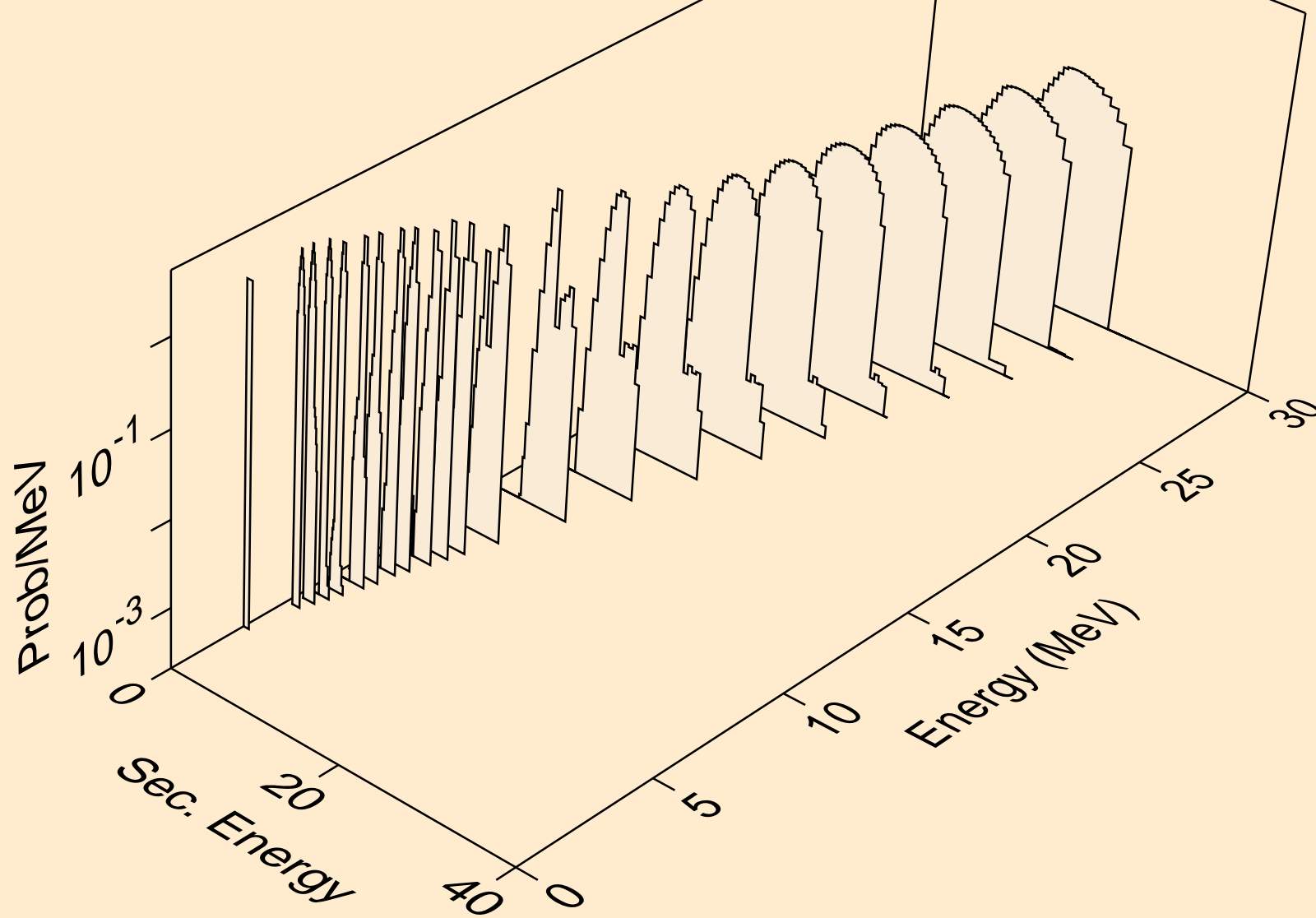
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t

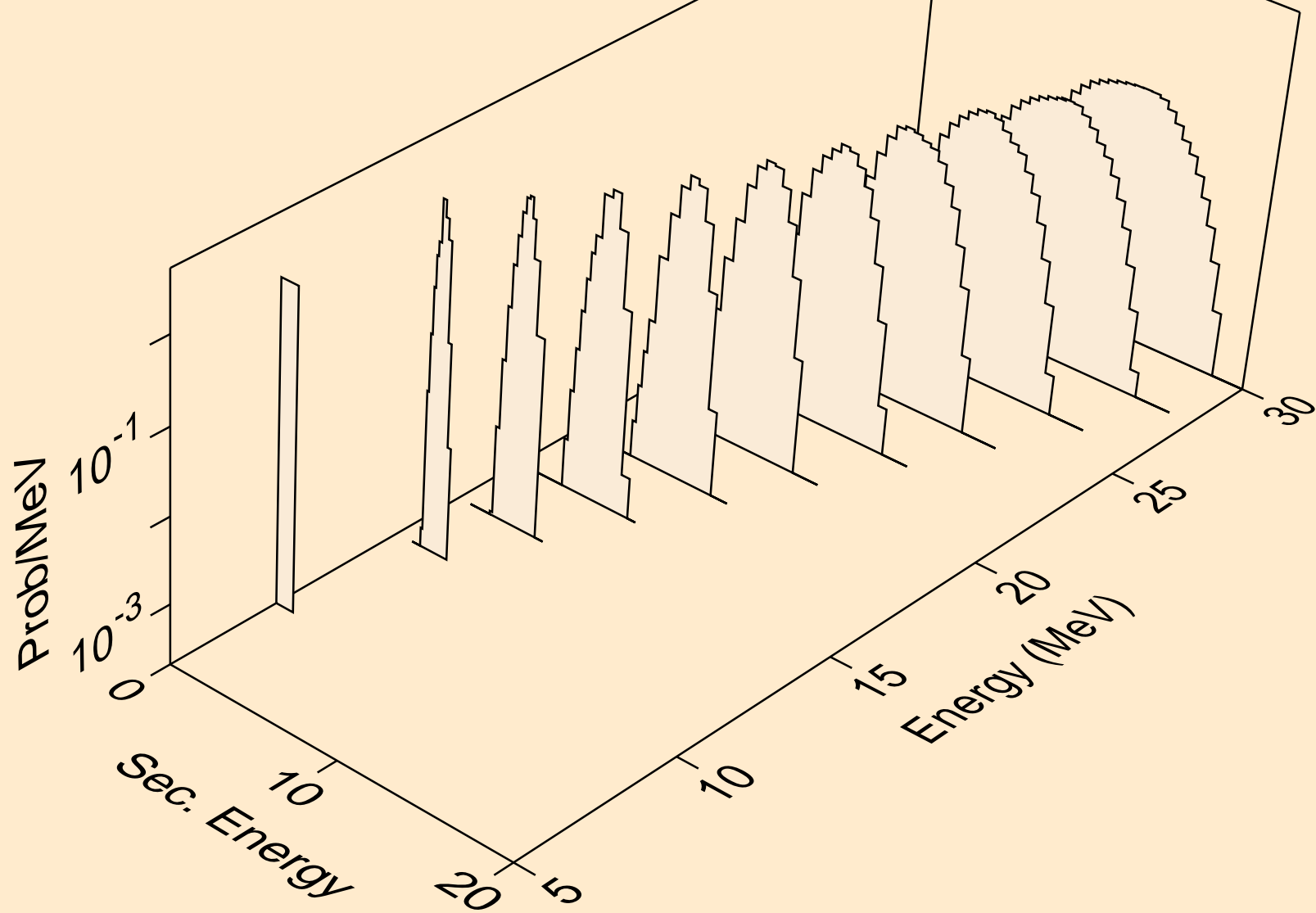


I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)

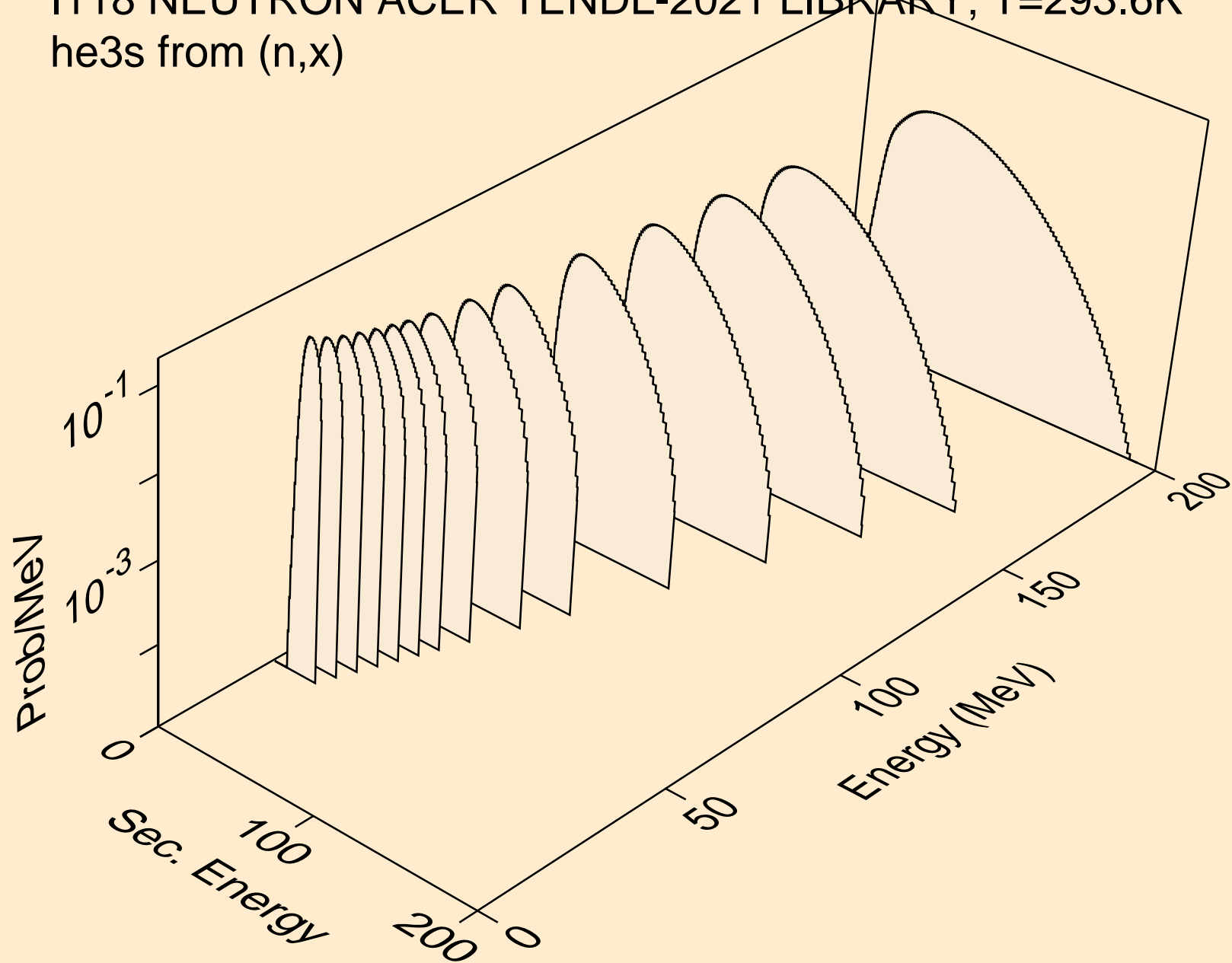




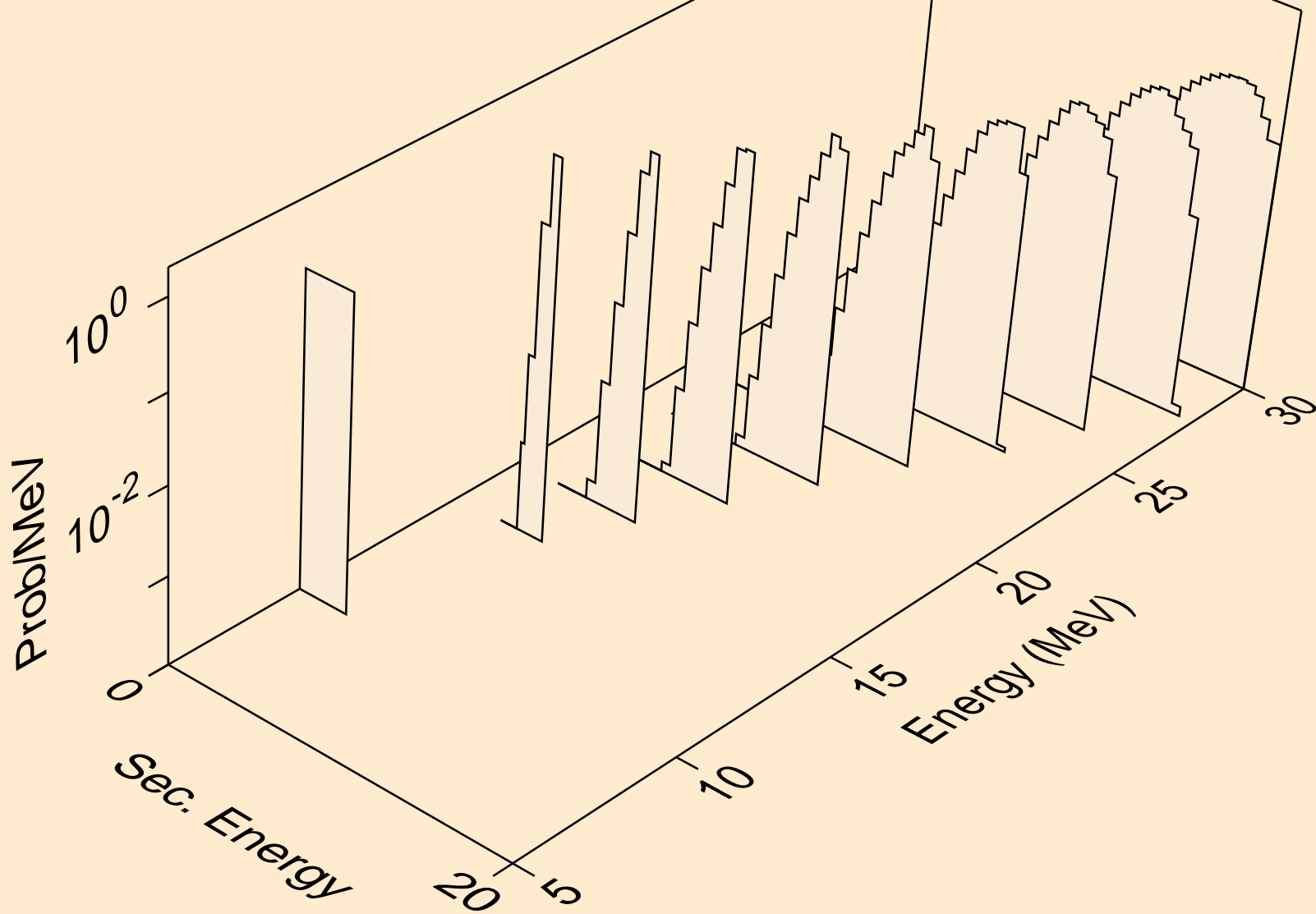
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tritons from (n,pt)



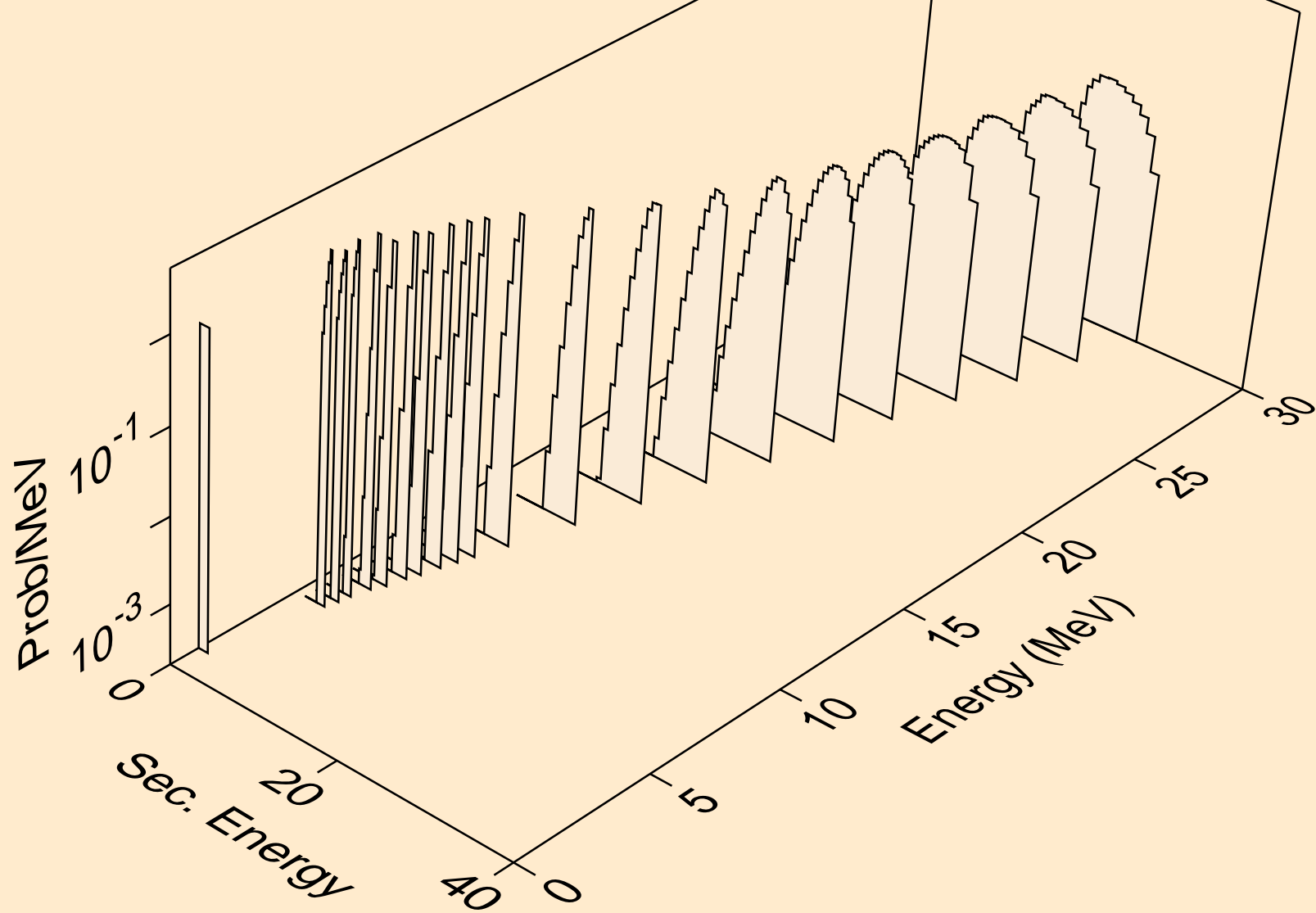
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



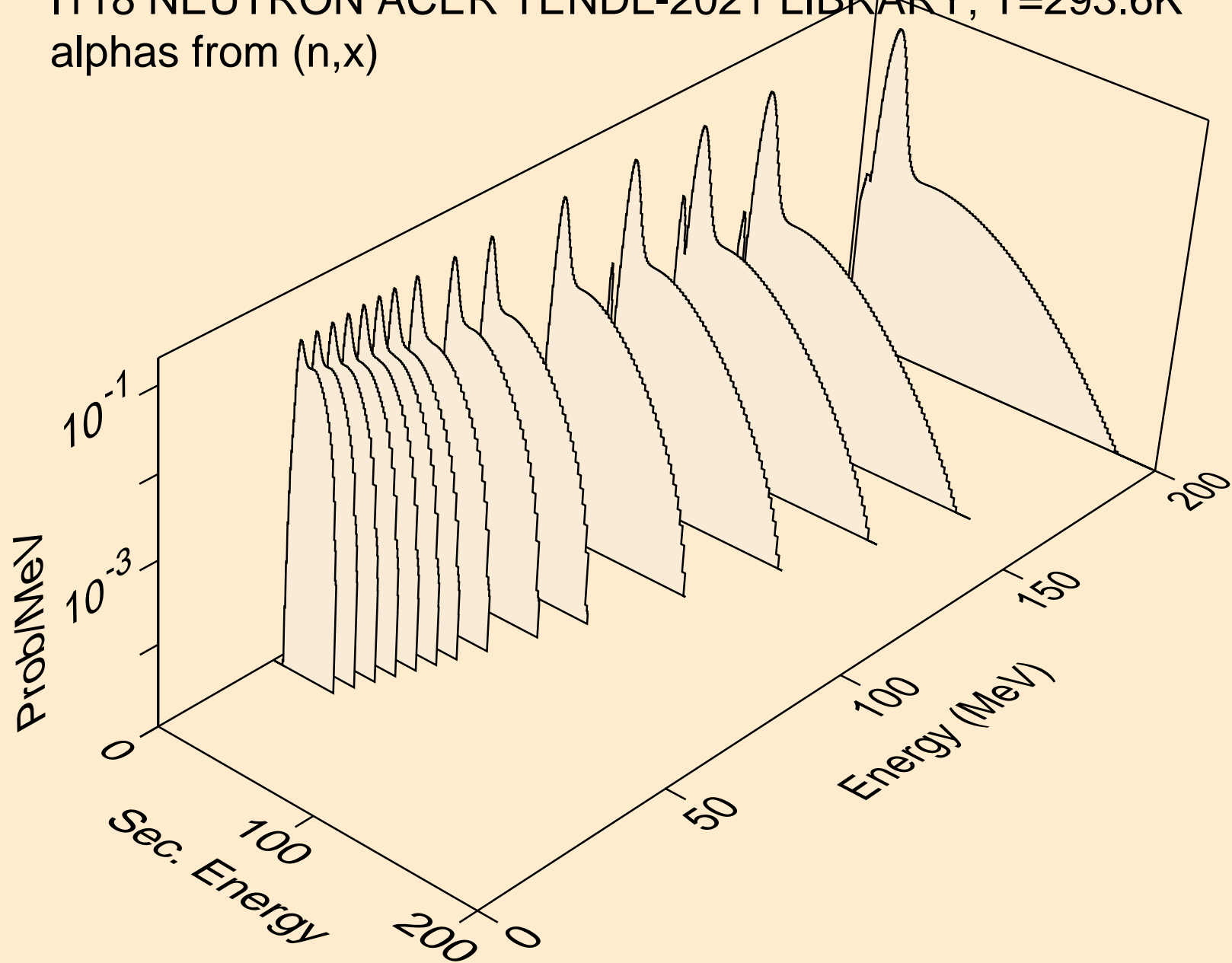
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



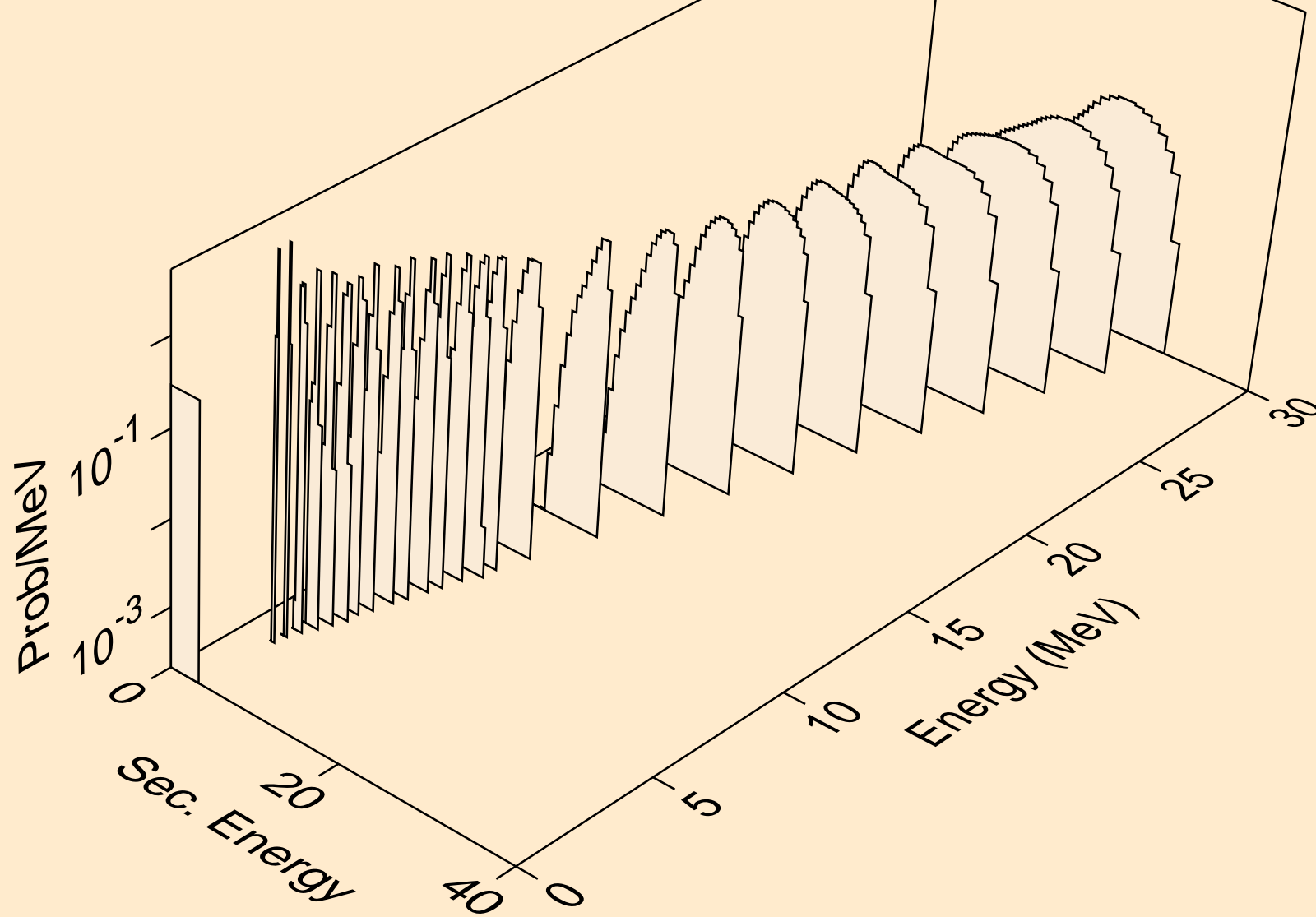
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he3s from (n,he3)



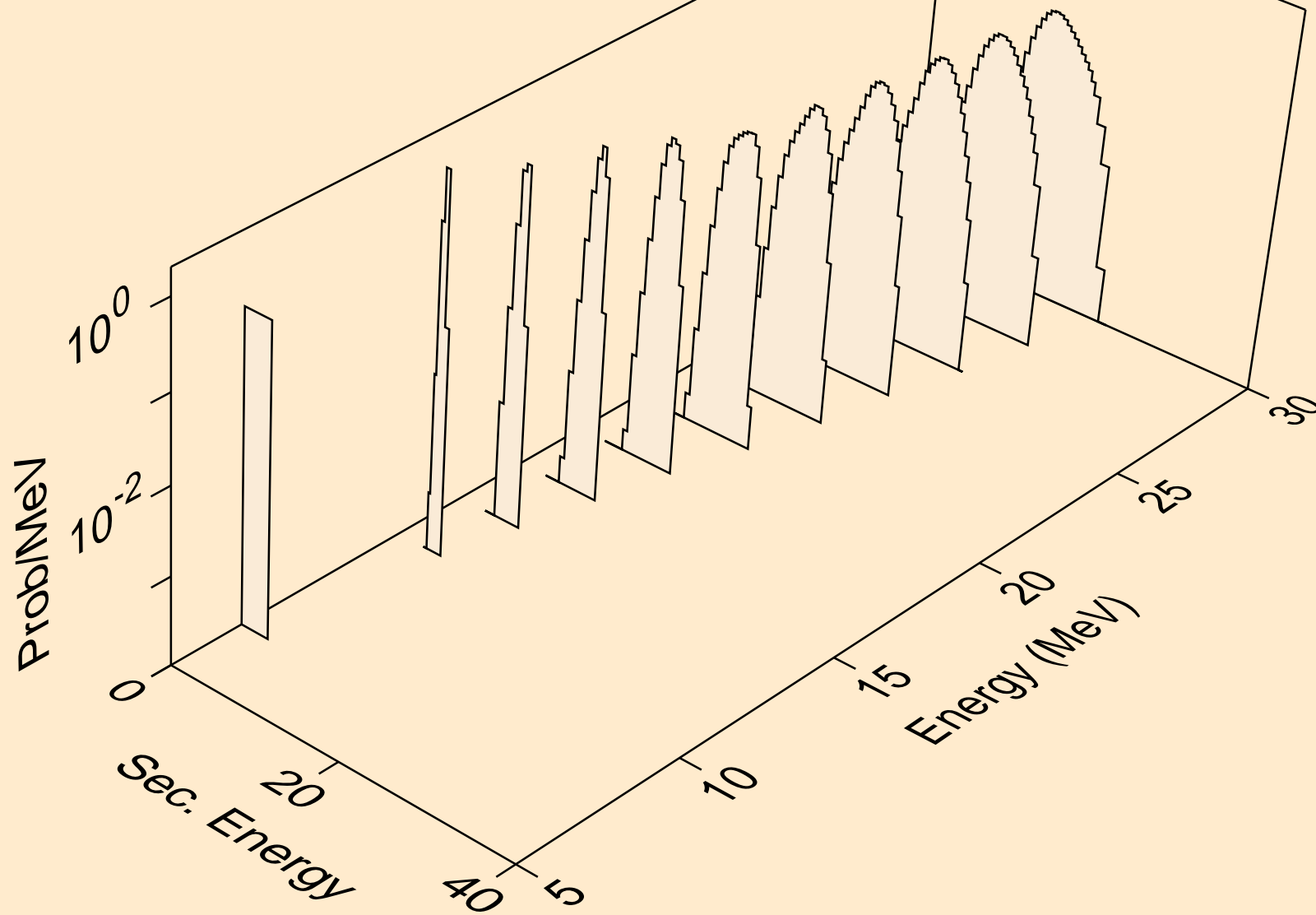
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



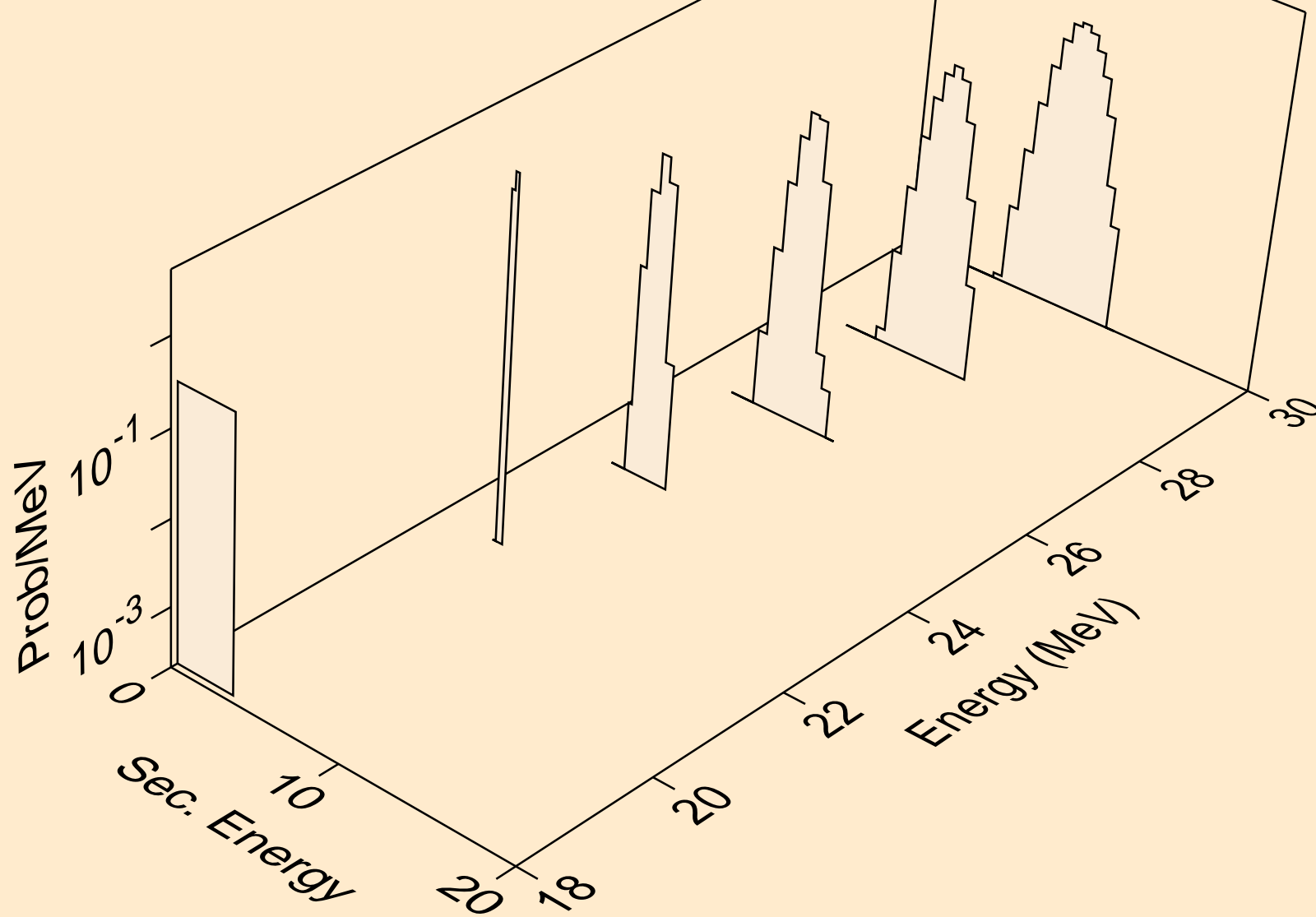
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a

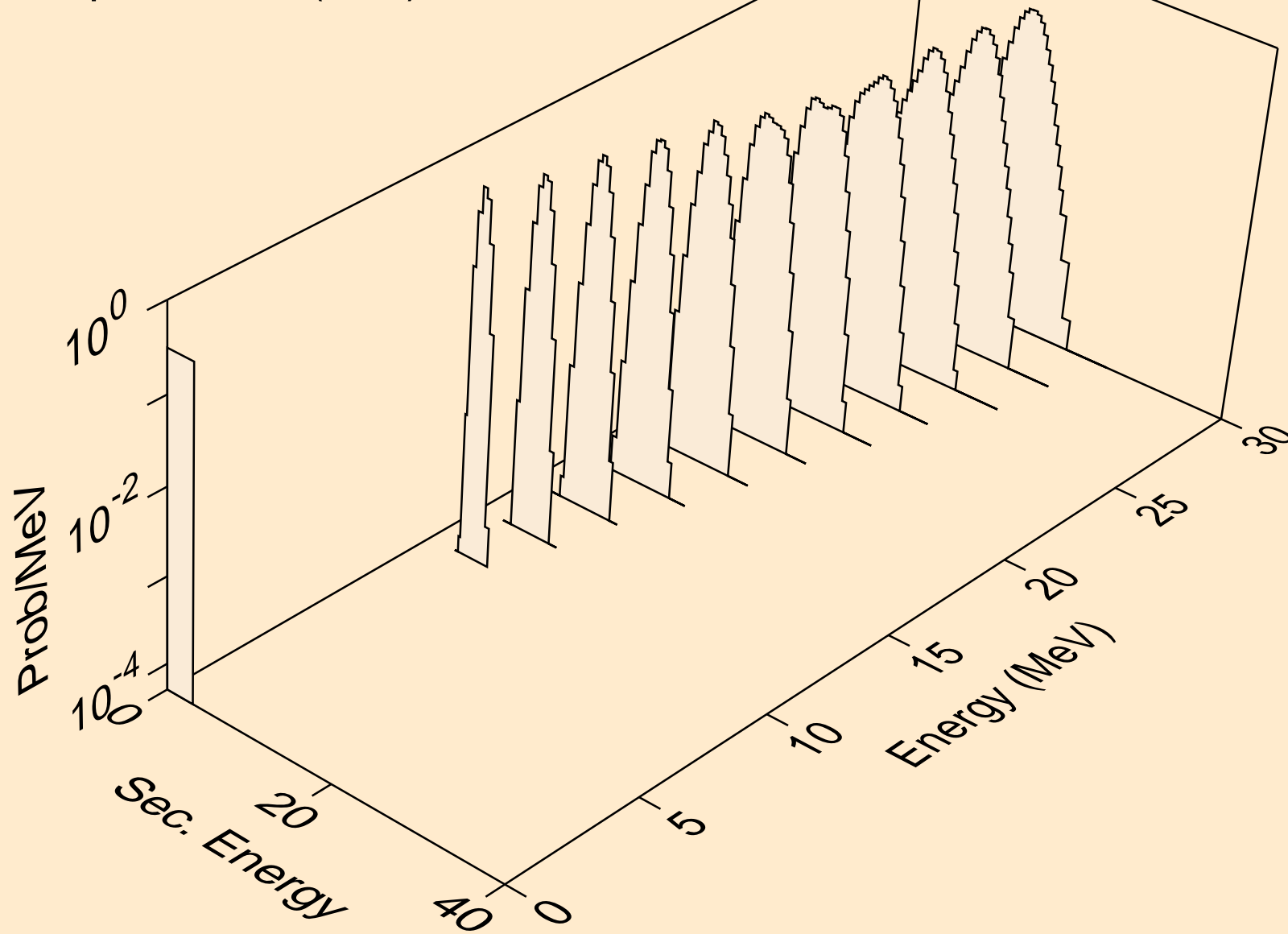


I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a

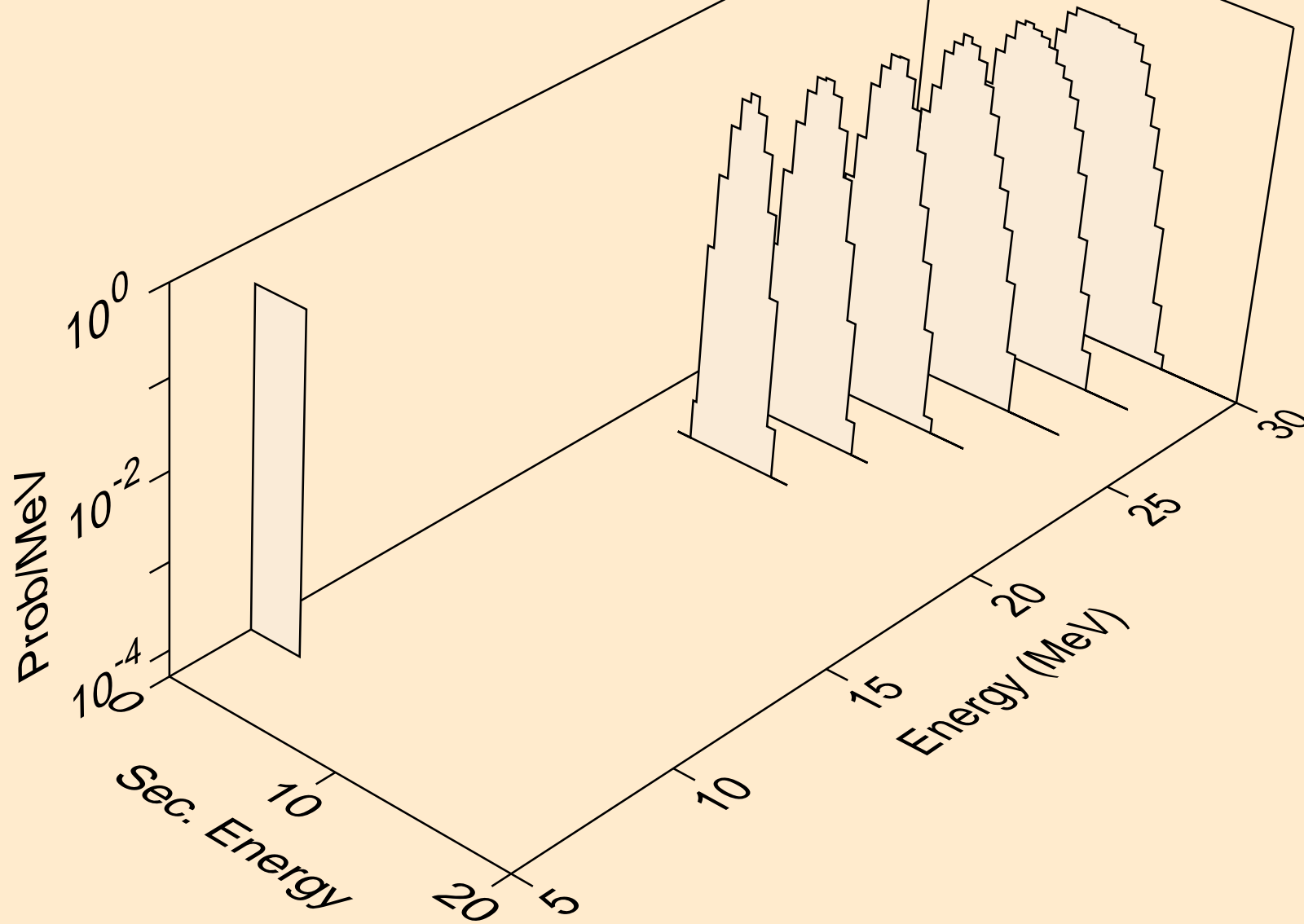




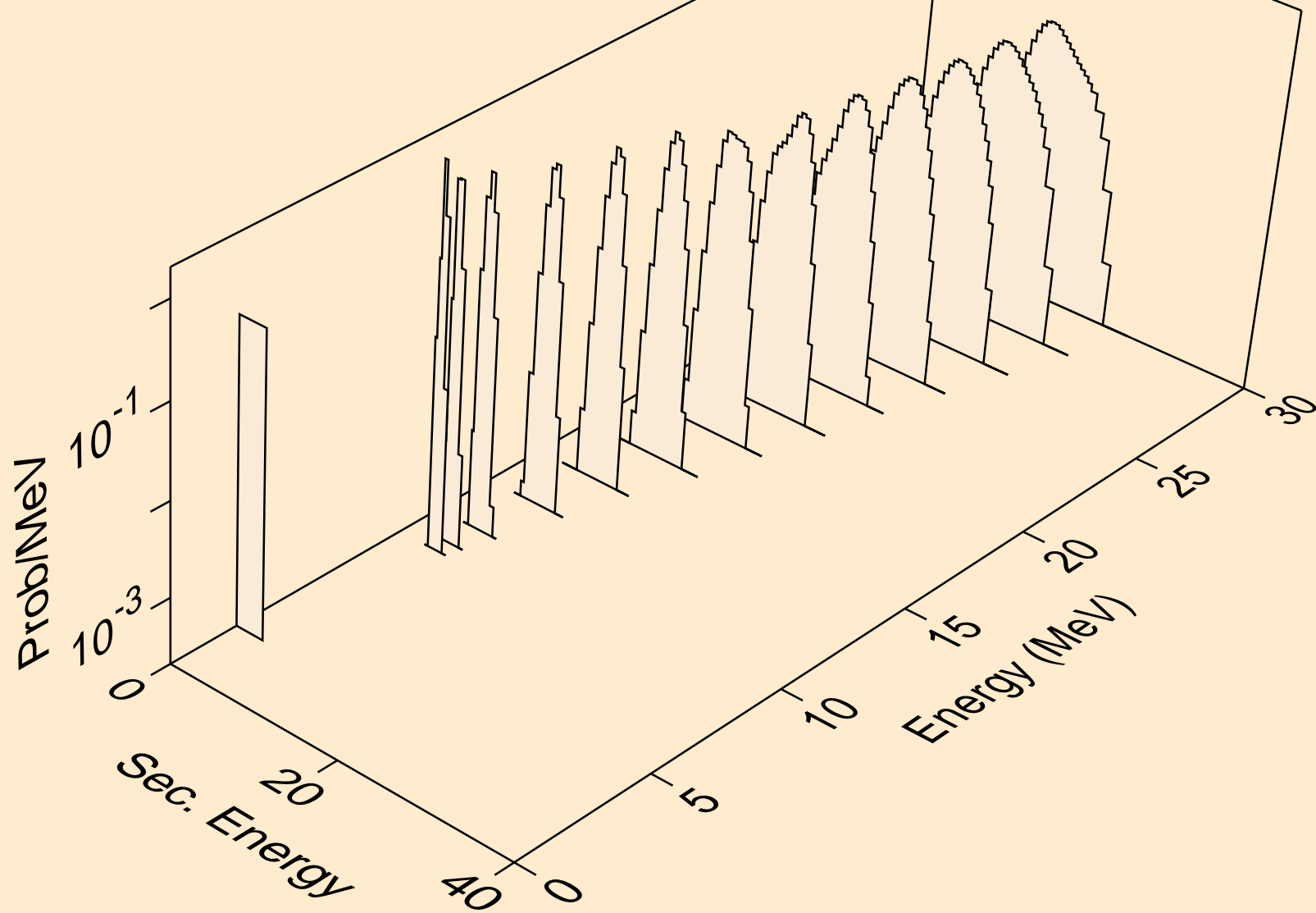
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



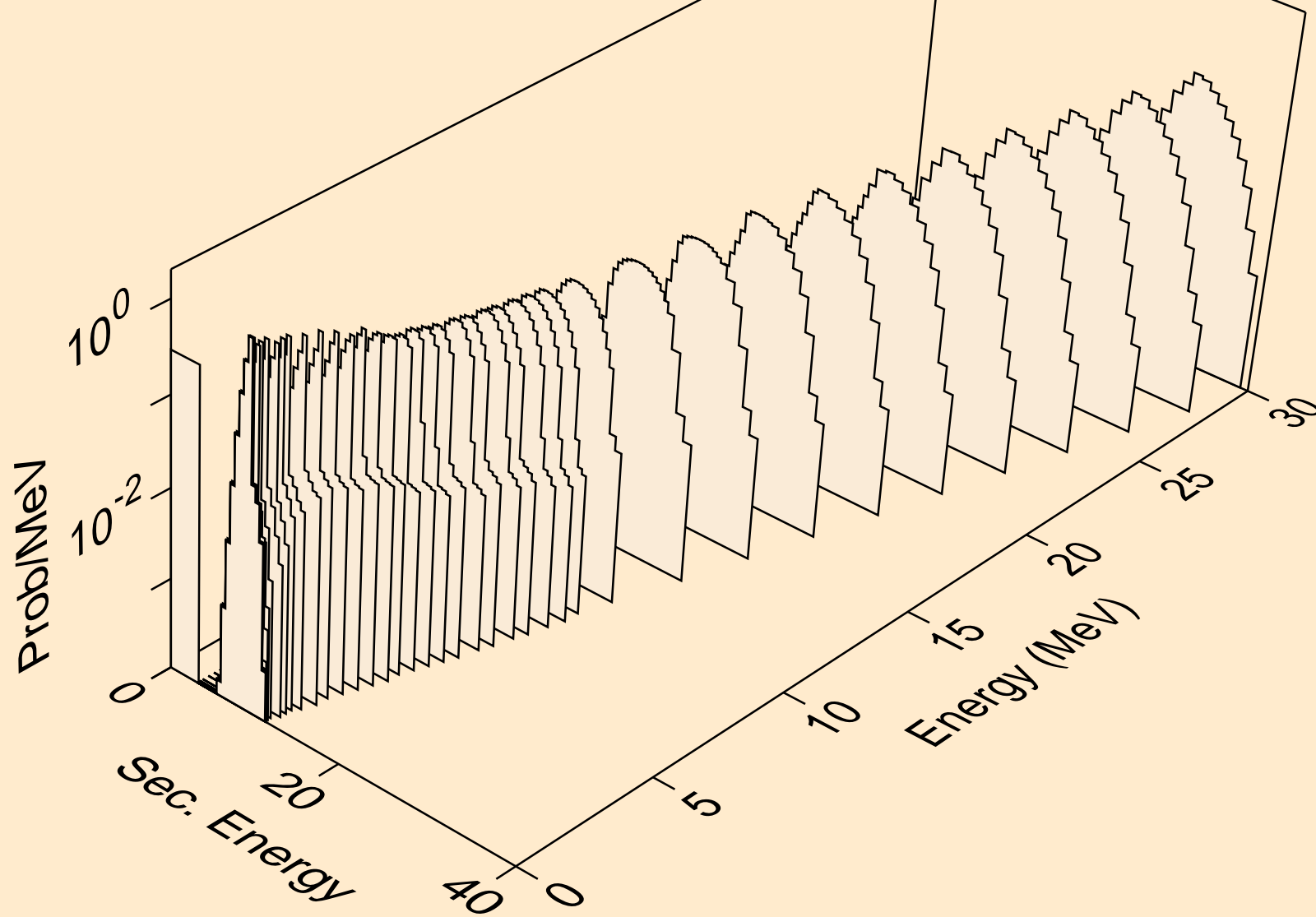
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)2a



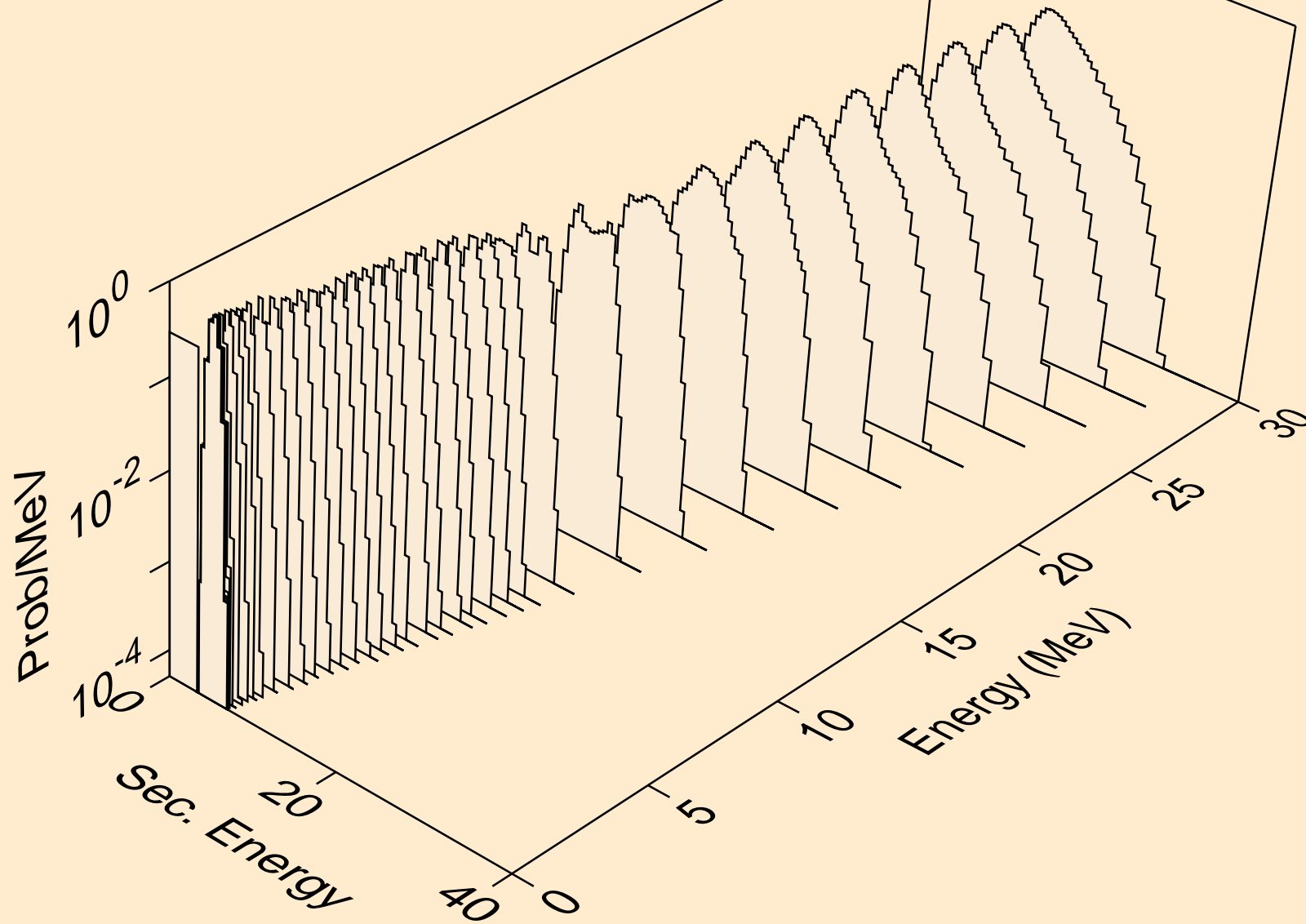
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alphas from (n,npa)



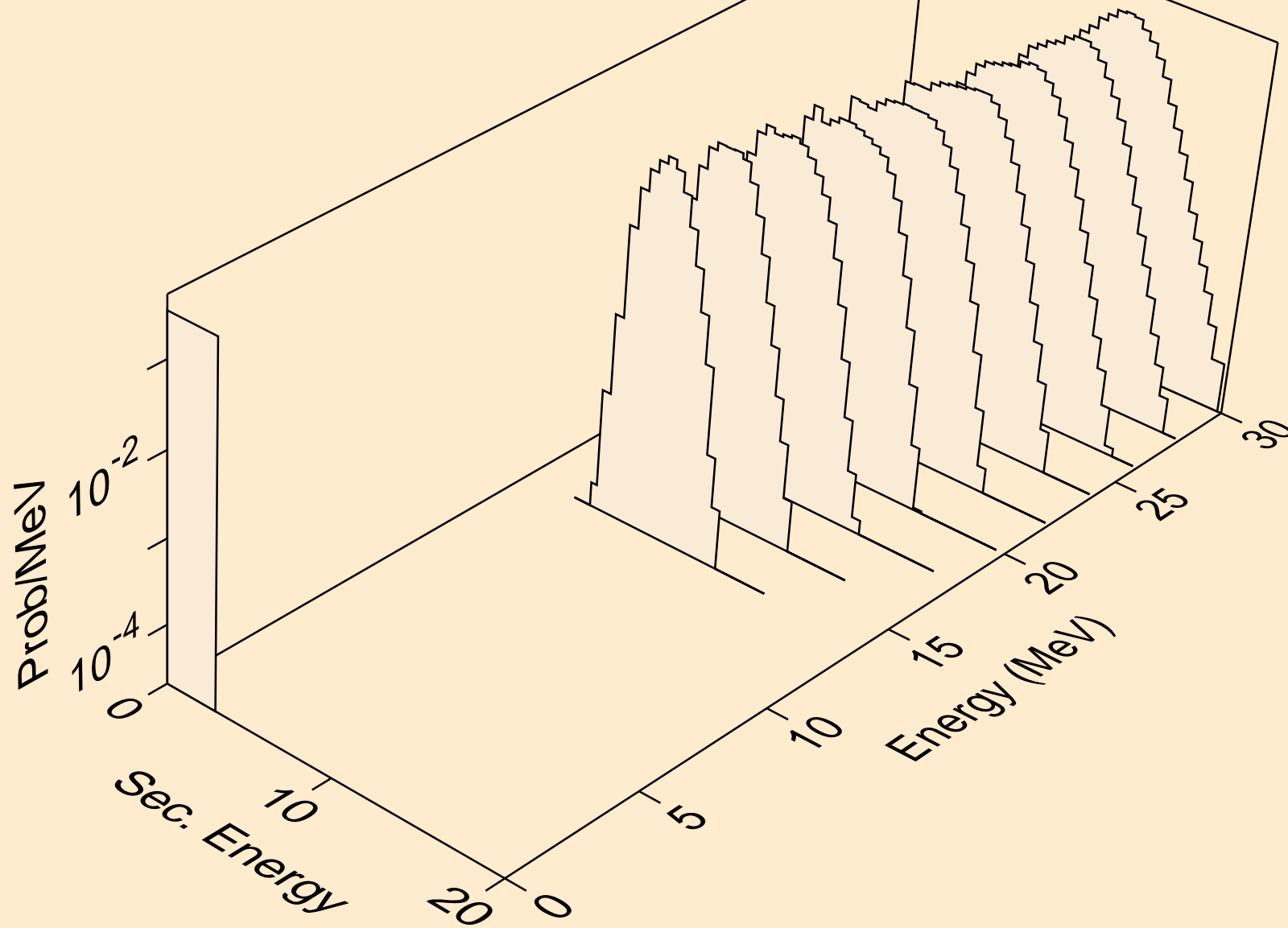
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alphas from (n,a)



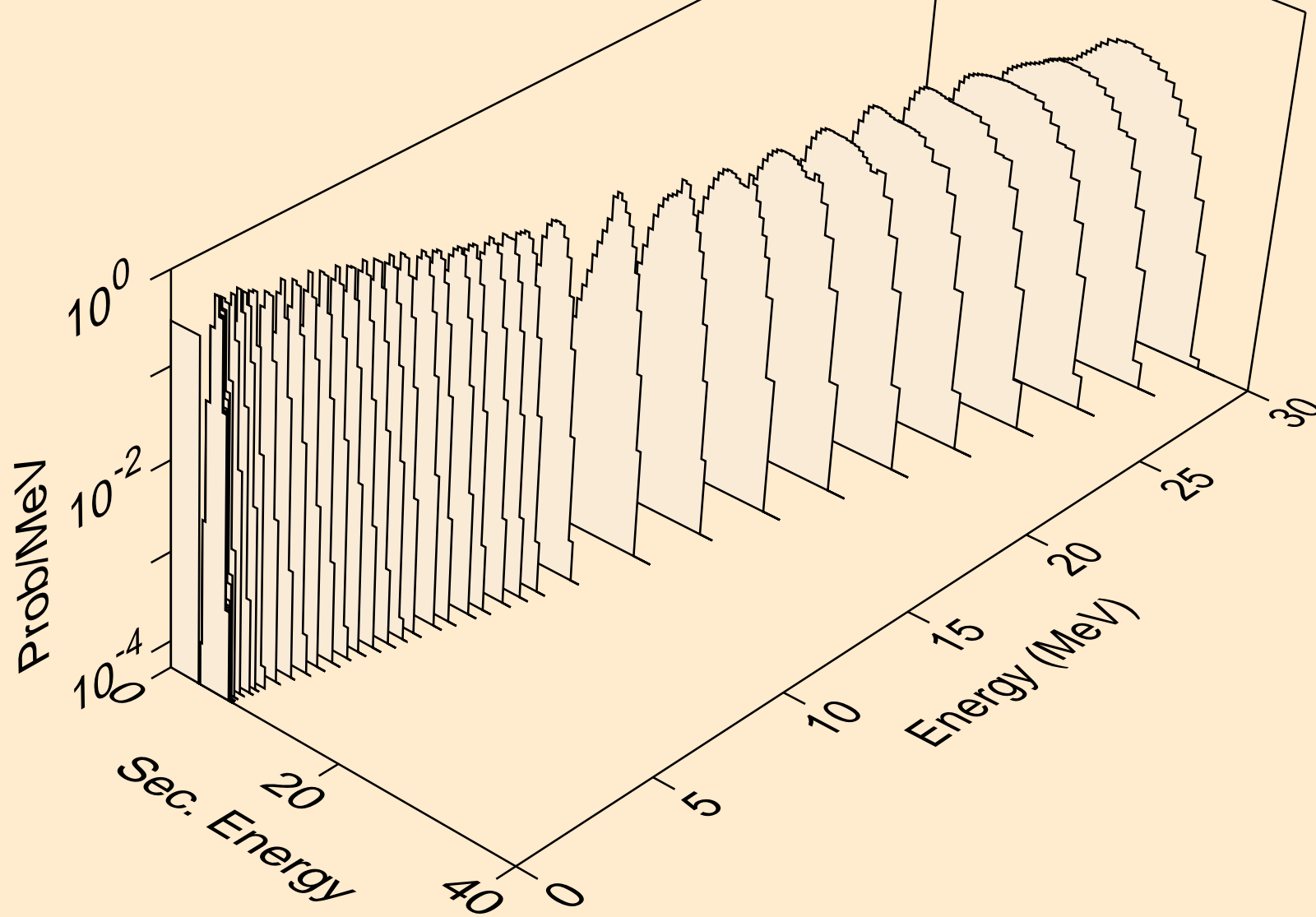
I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3a)



I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



I118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

