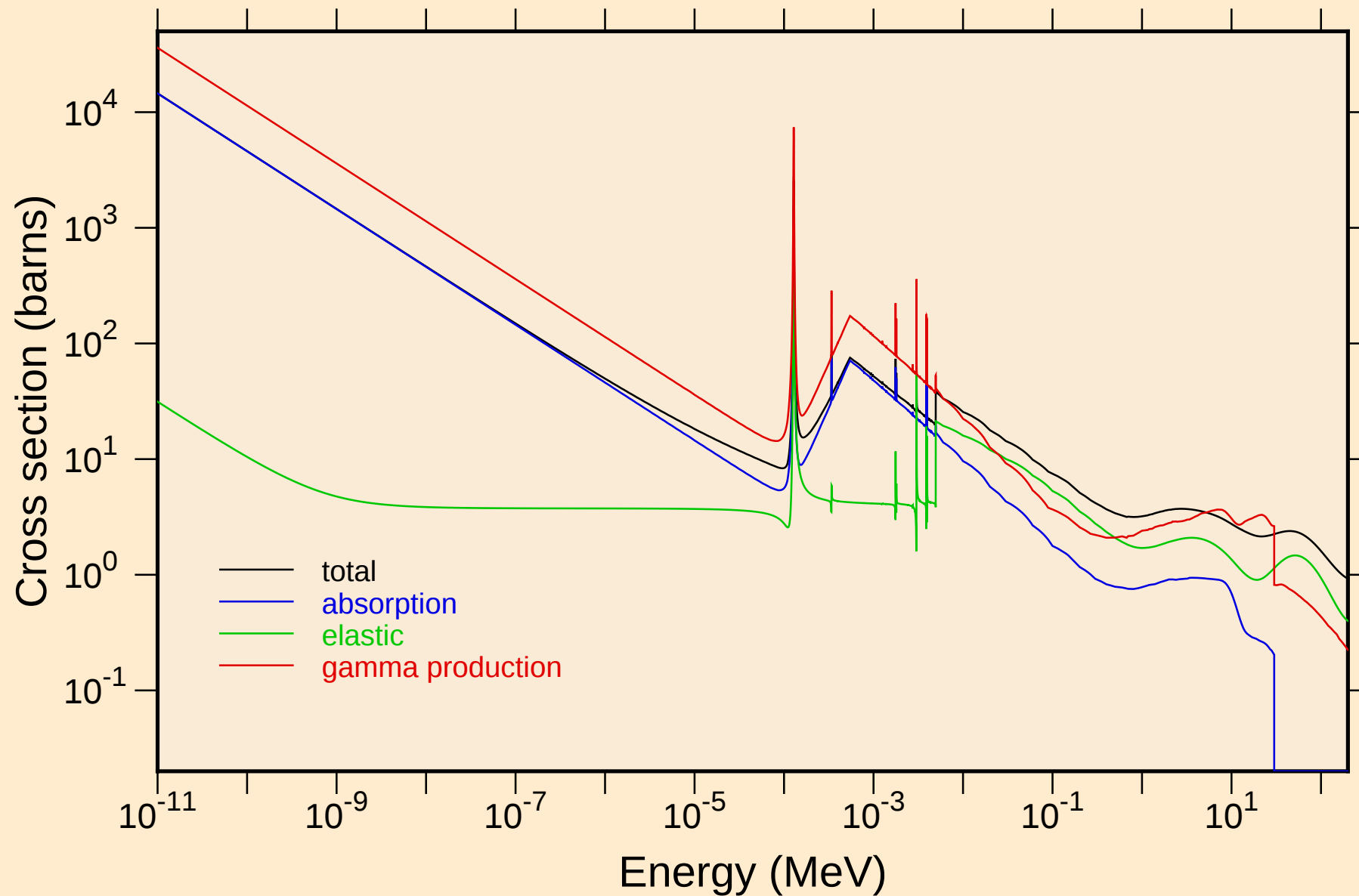
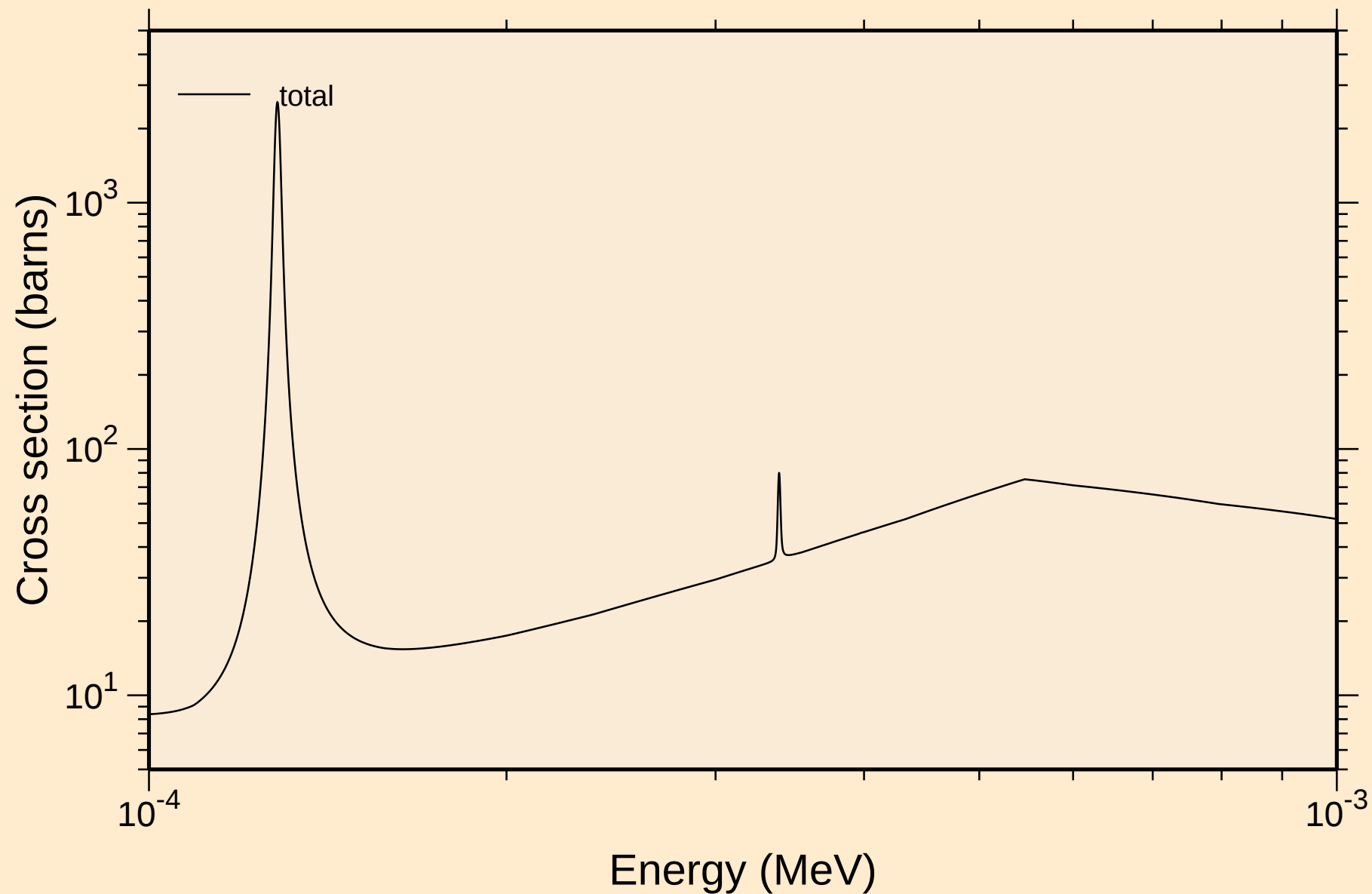


# V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

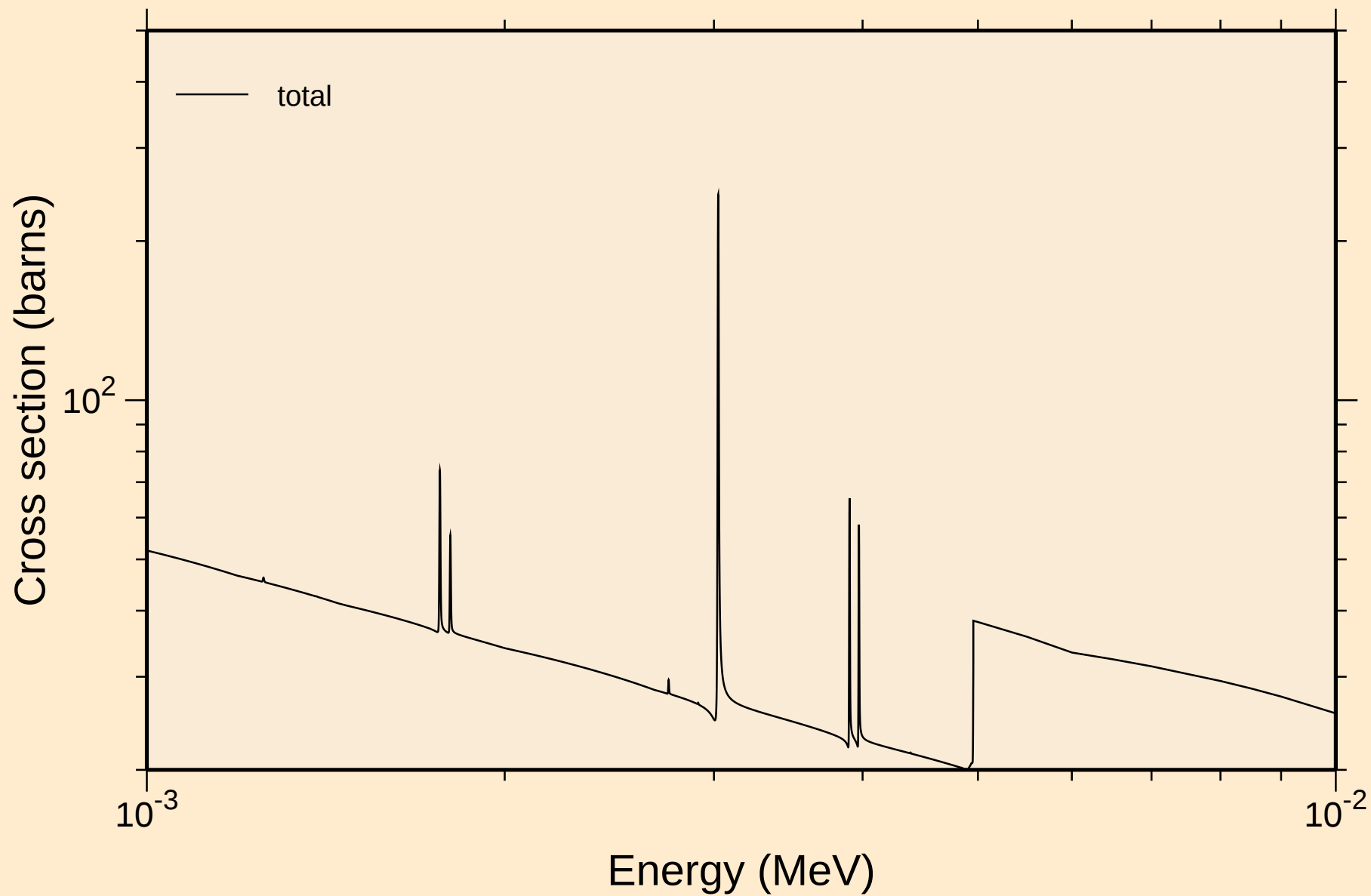
## Principal cross sections



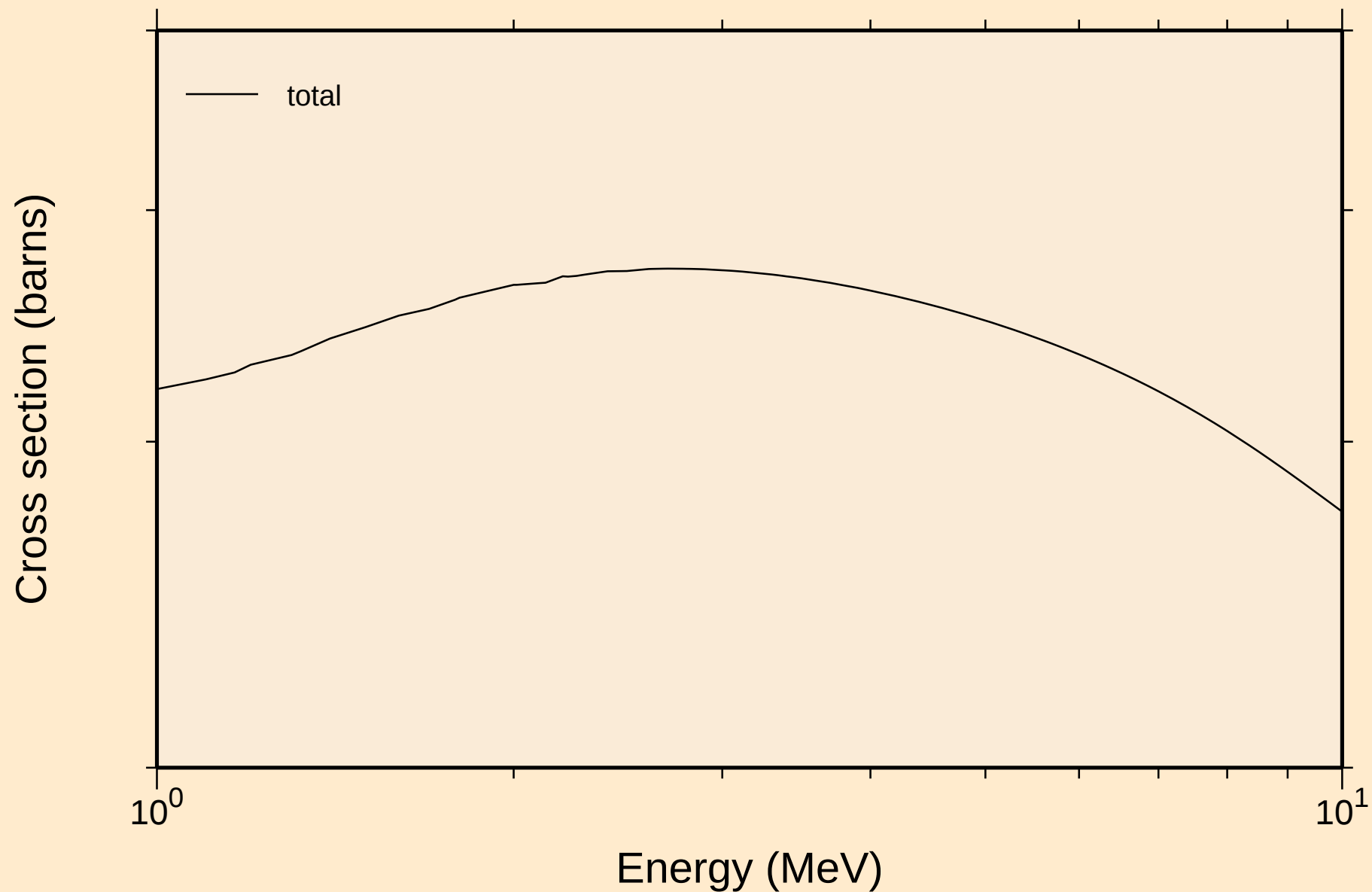
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



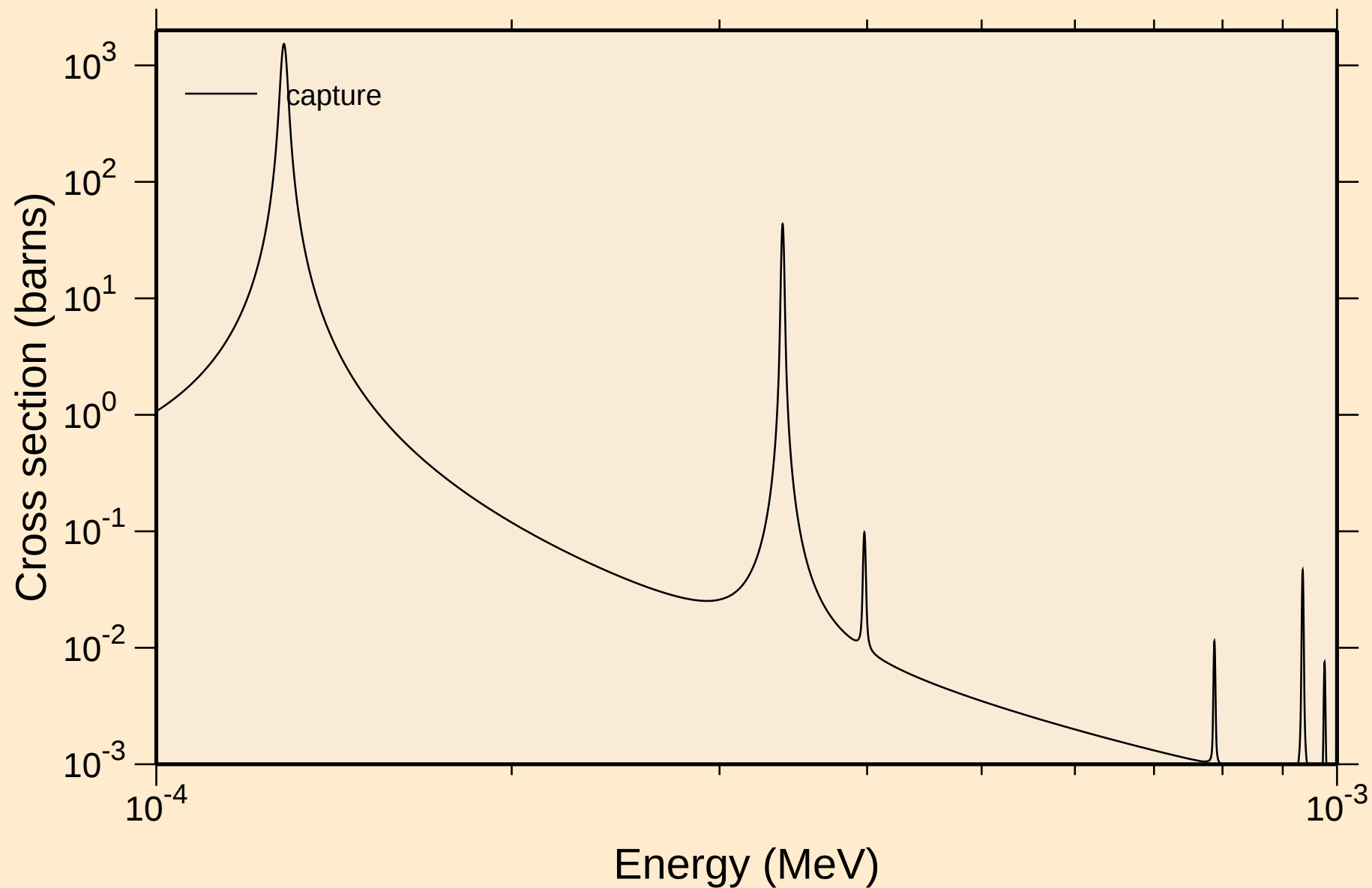
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



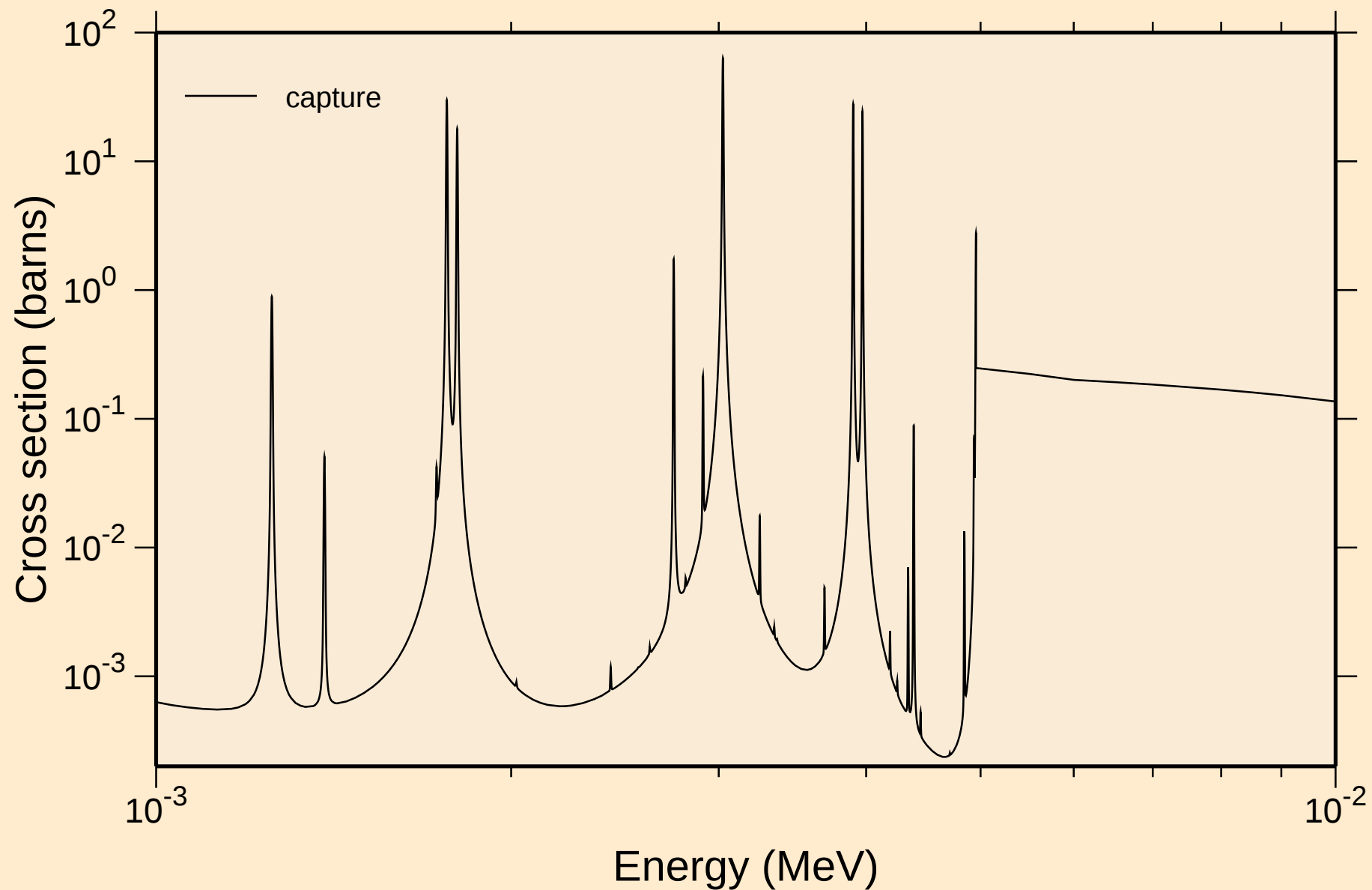
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



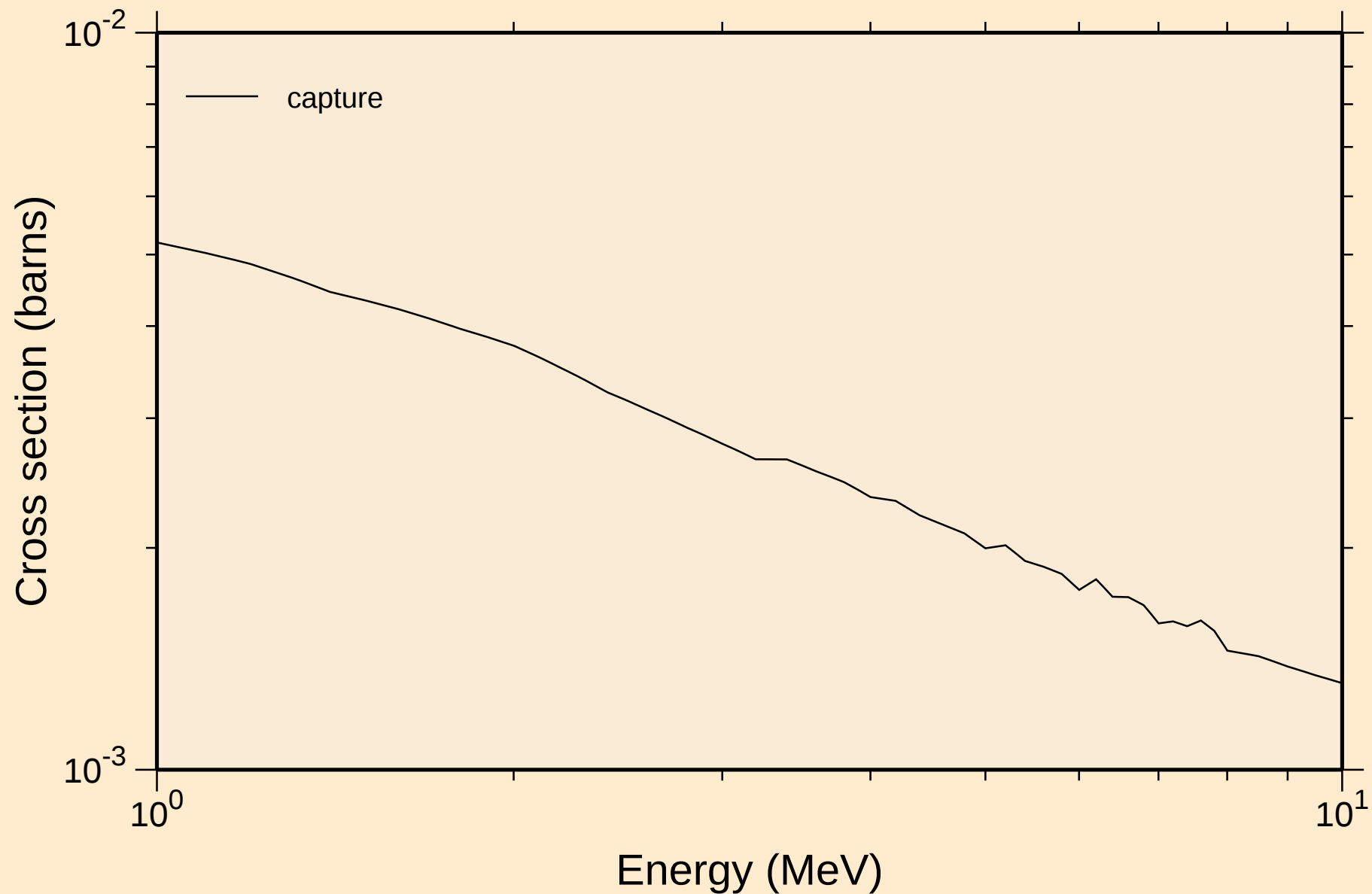
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections

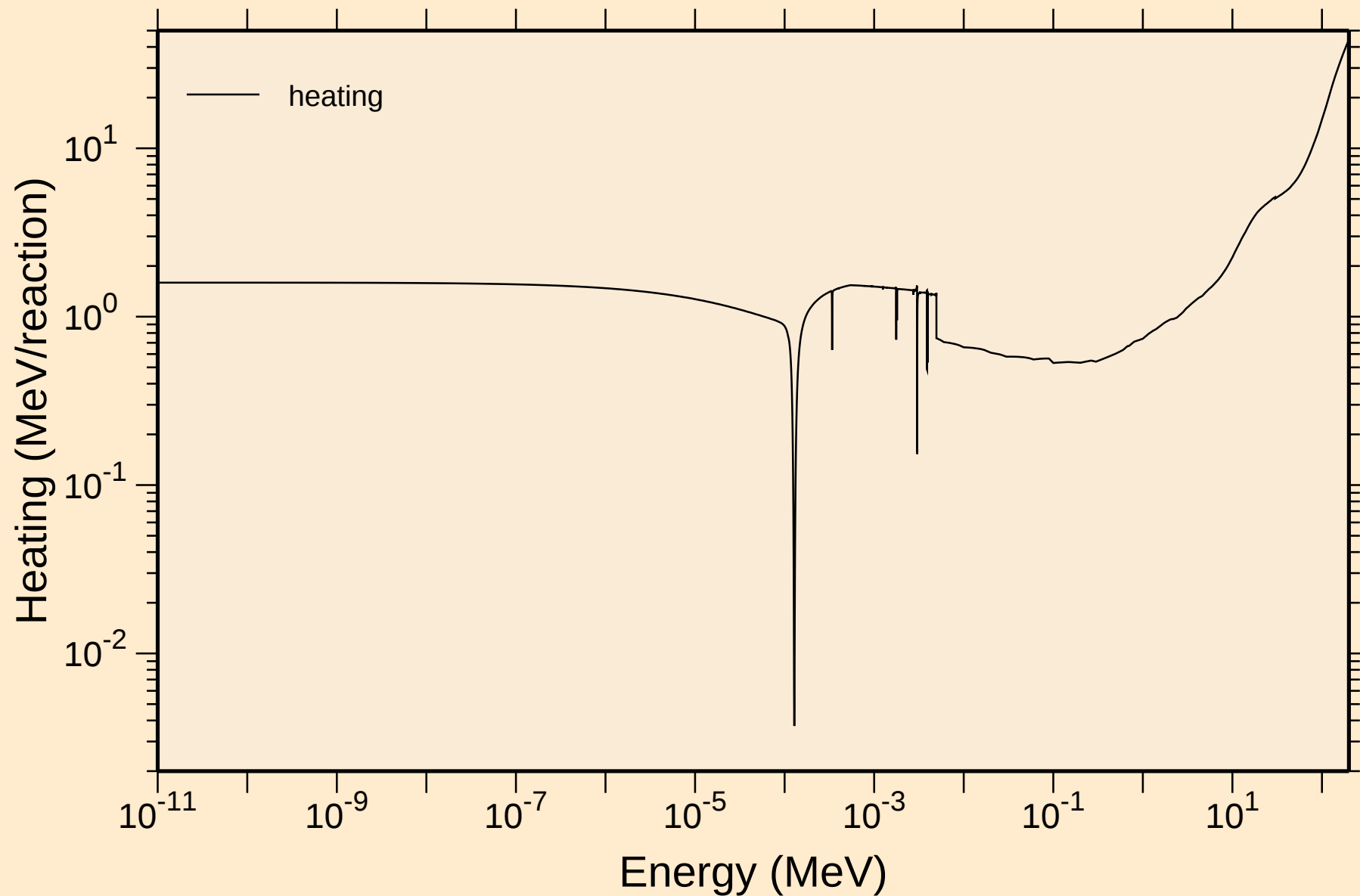


V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



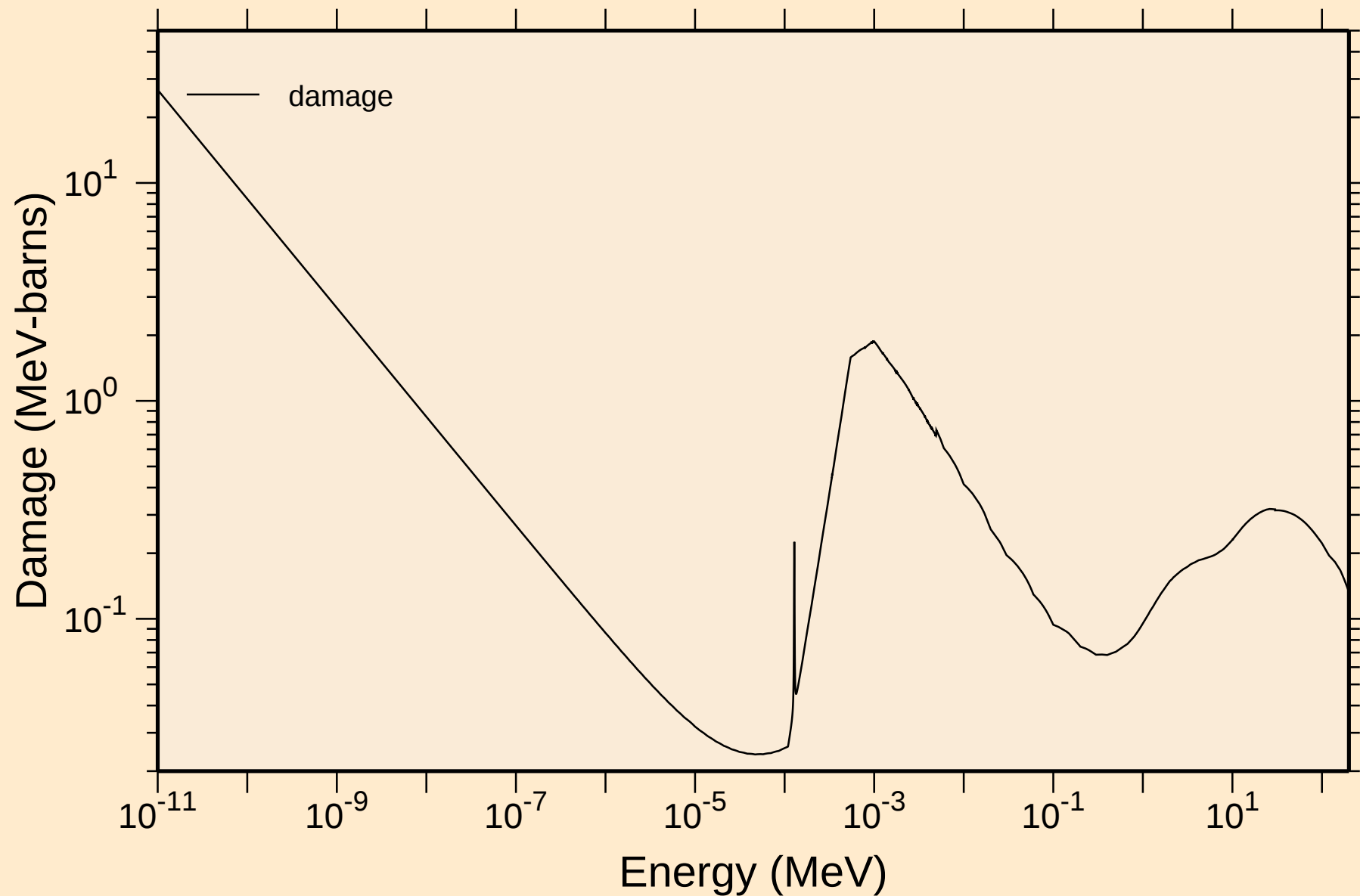
# V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

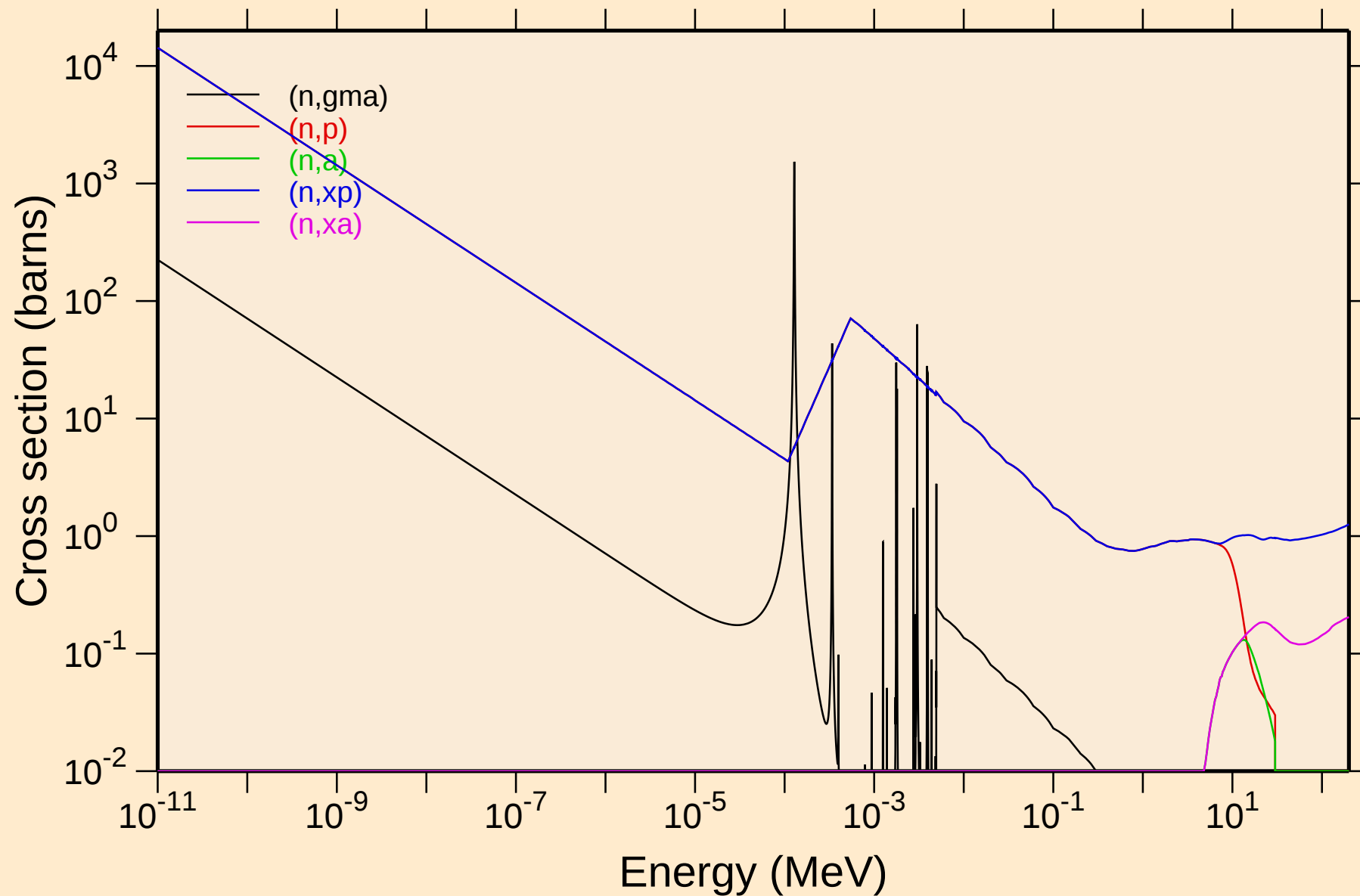


# V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Damage

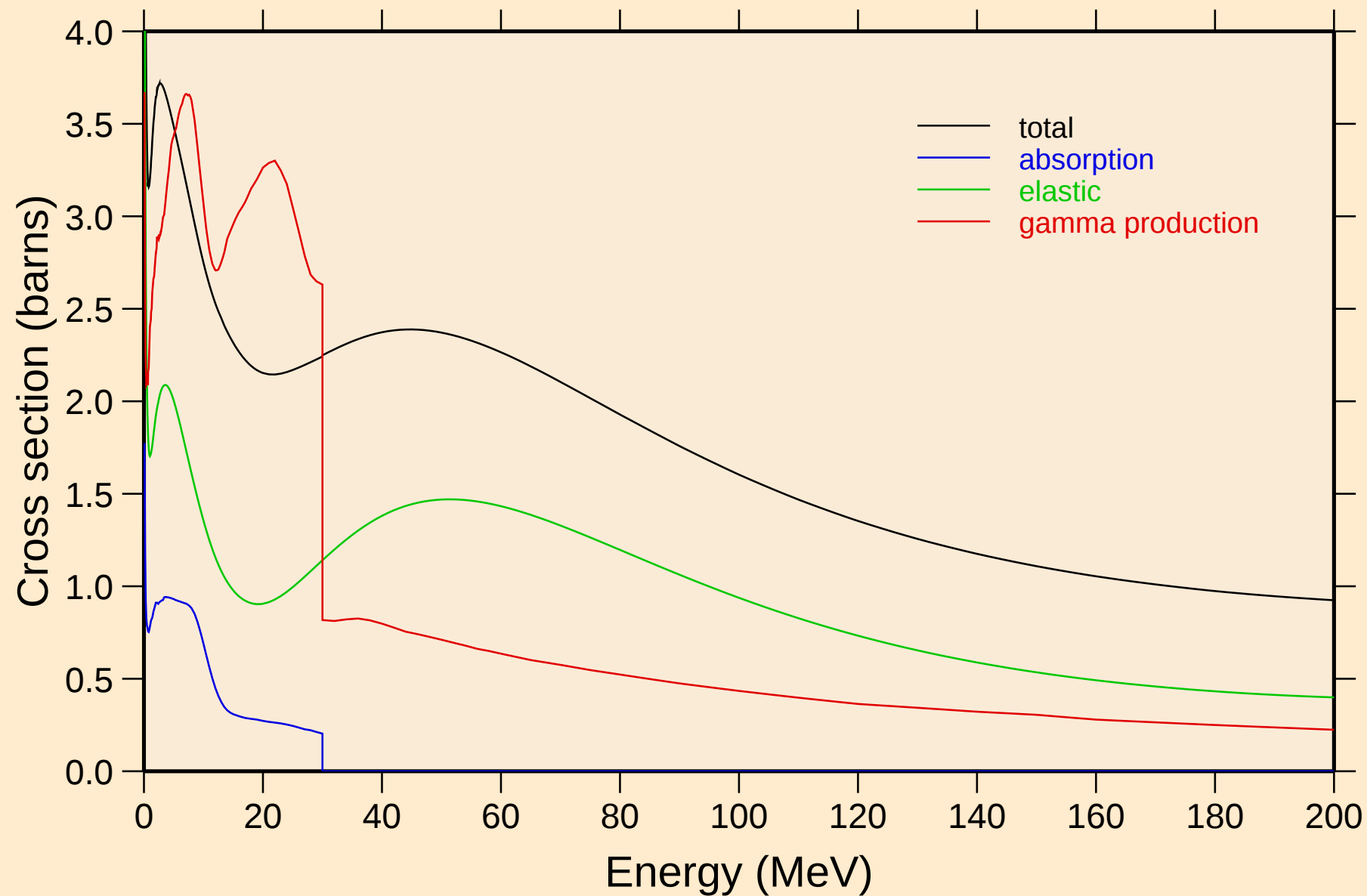


V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



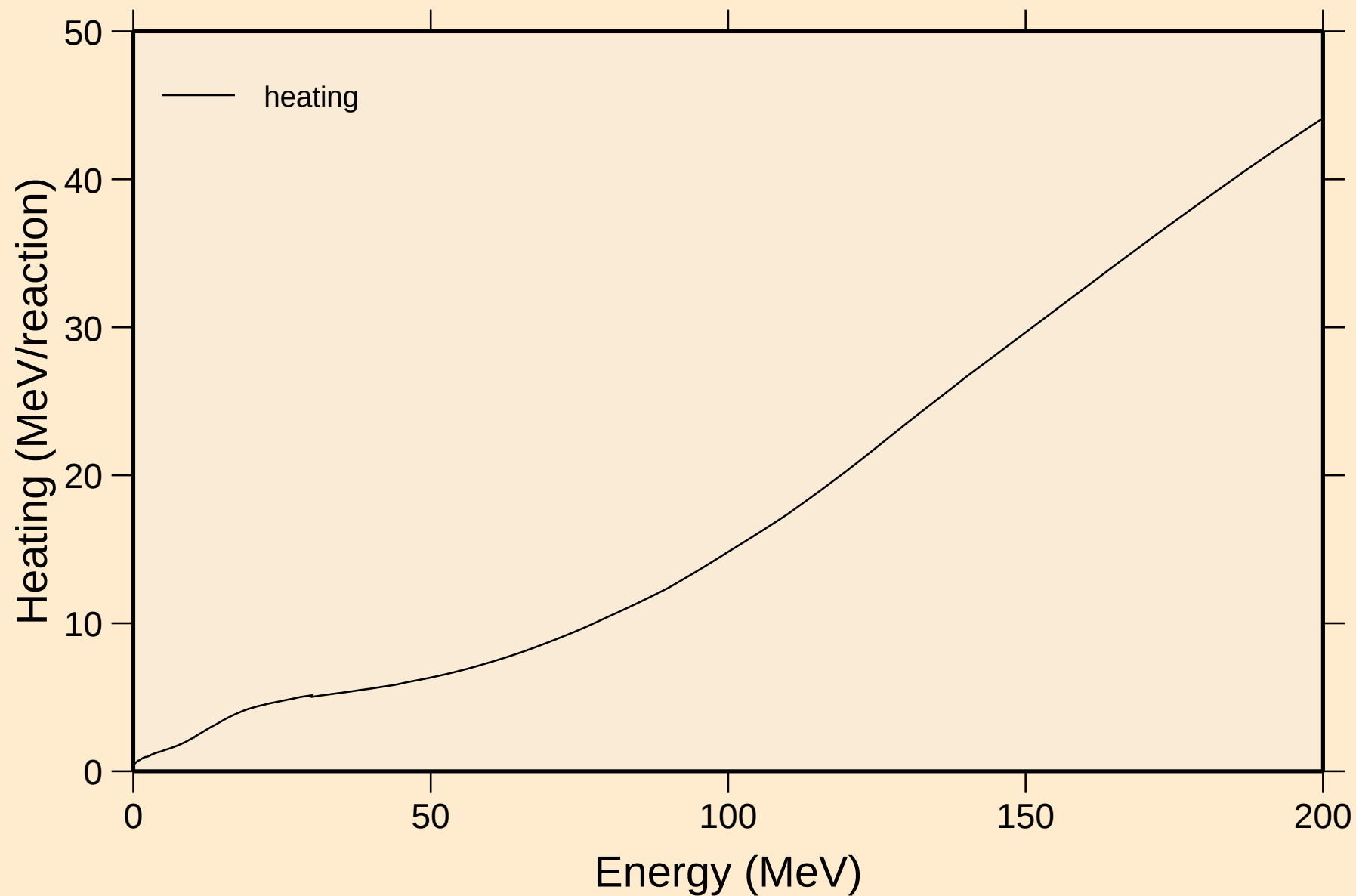
# V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Principal cross sections



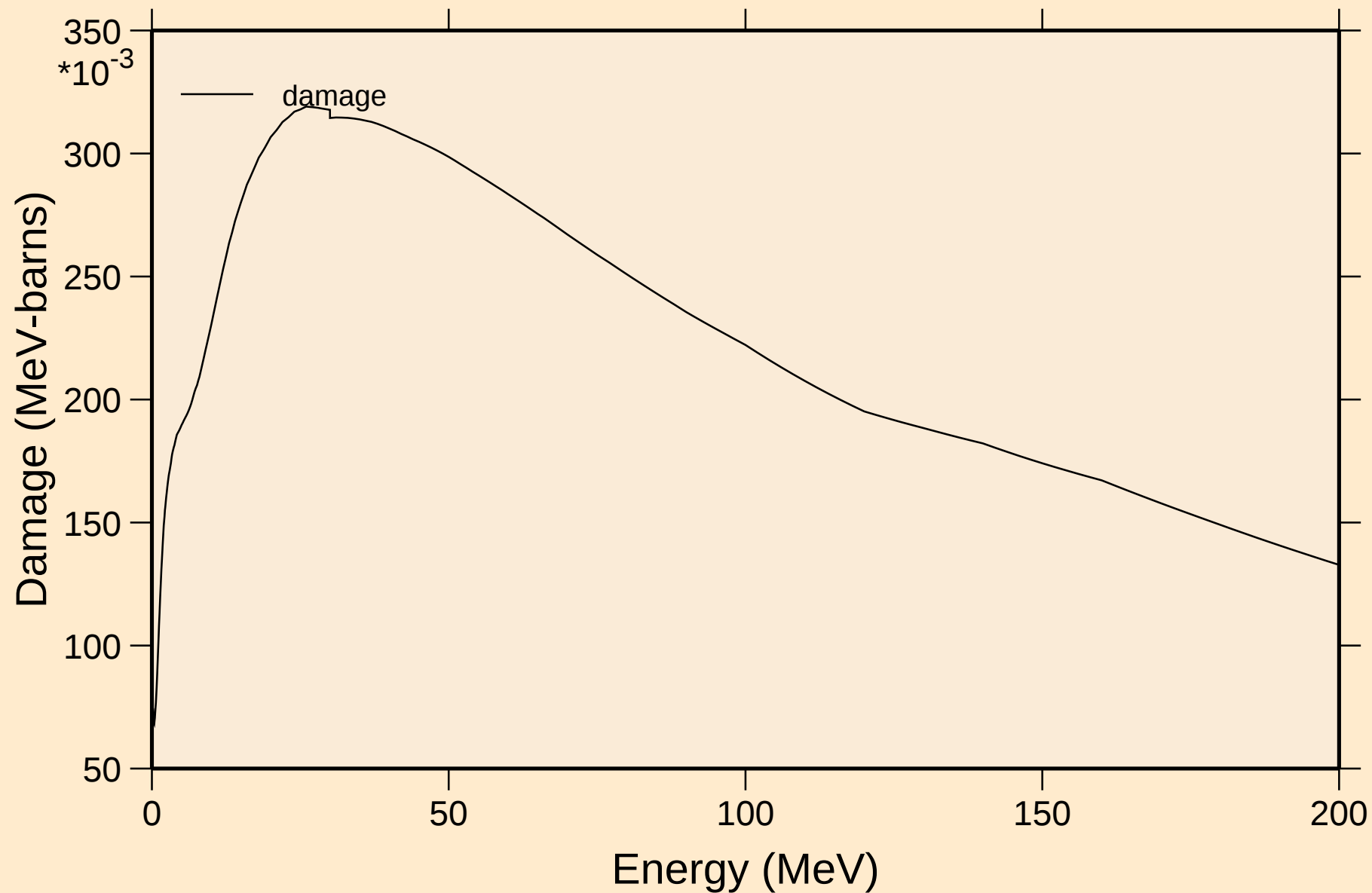
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

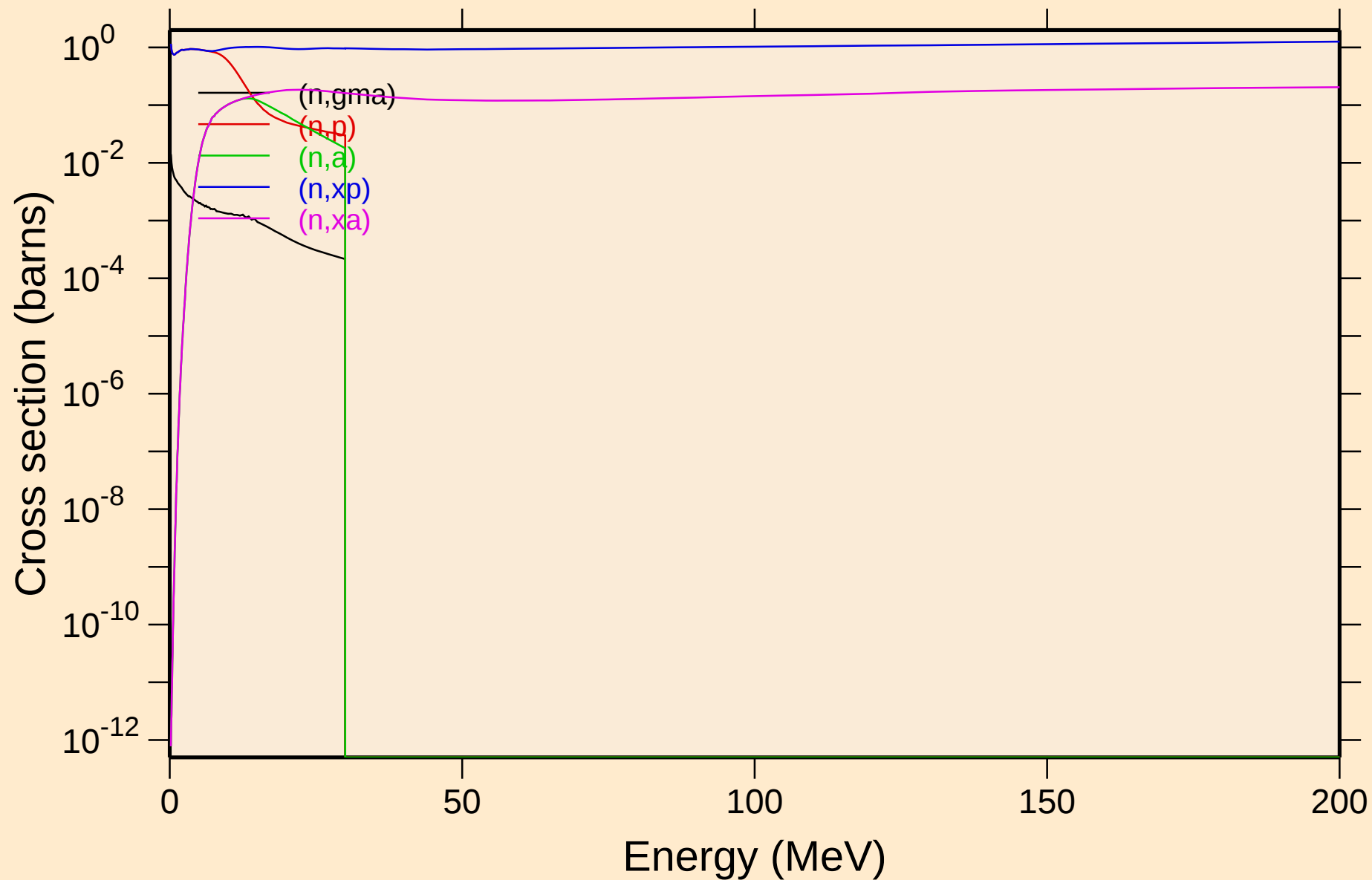


V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

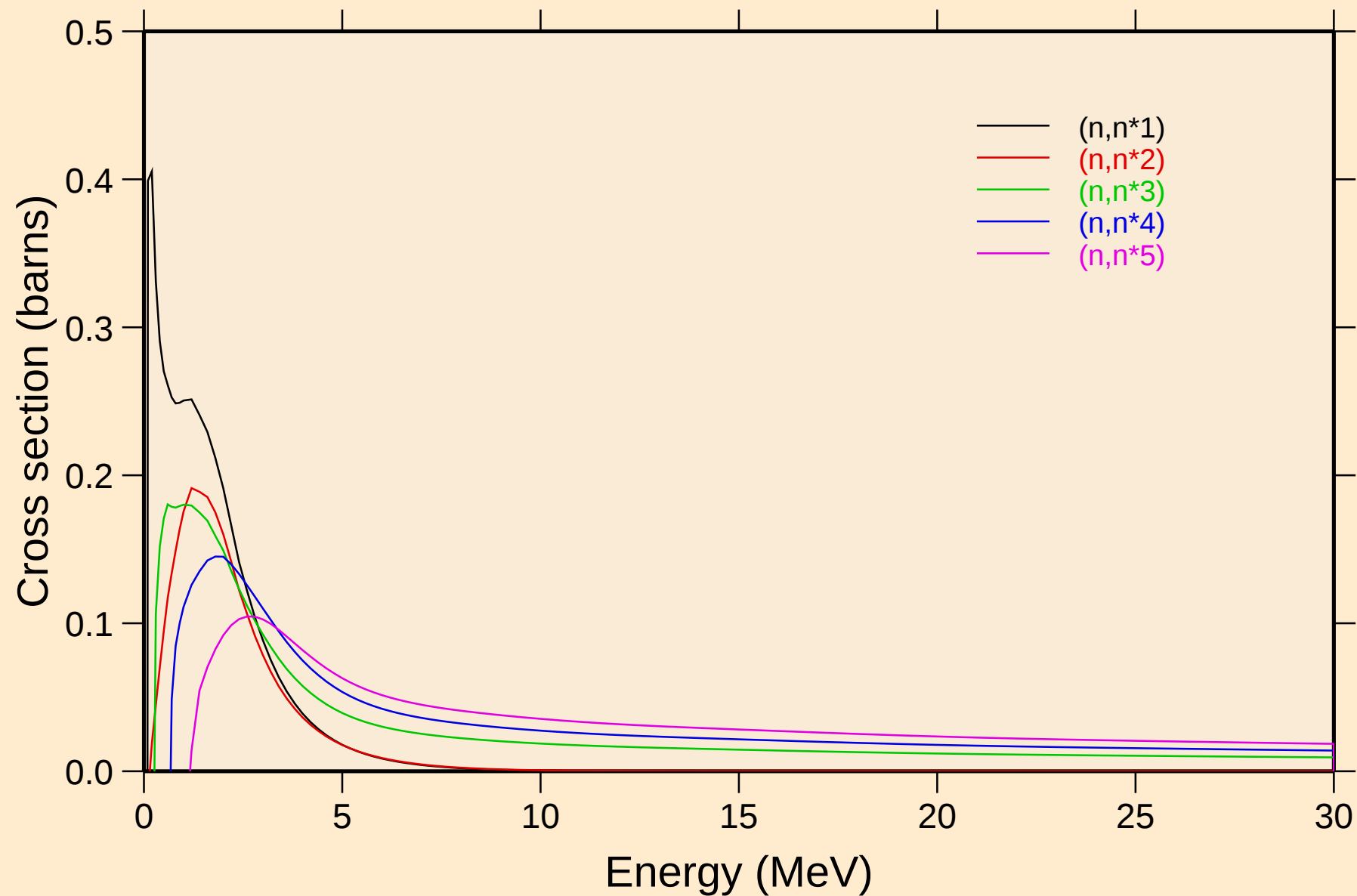
Damage



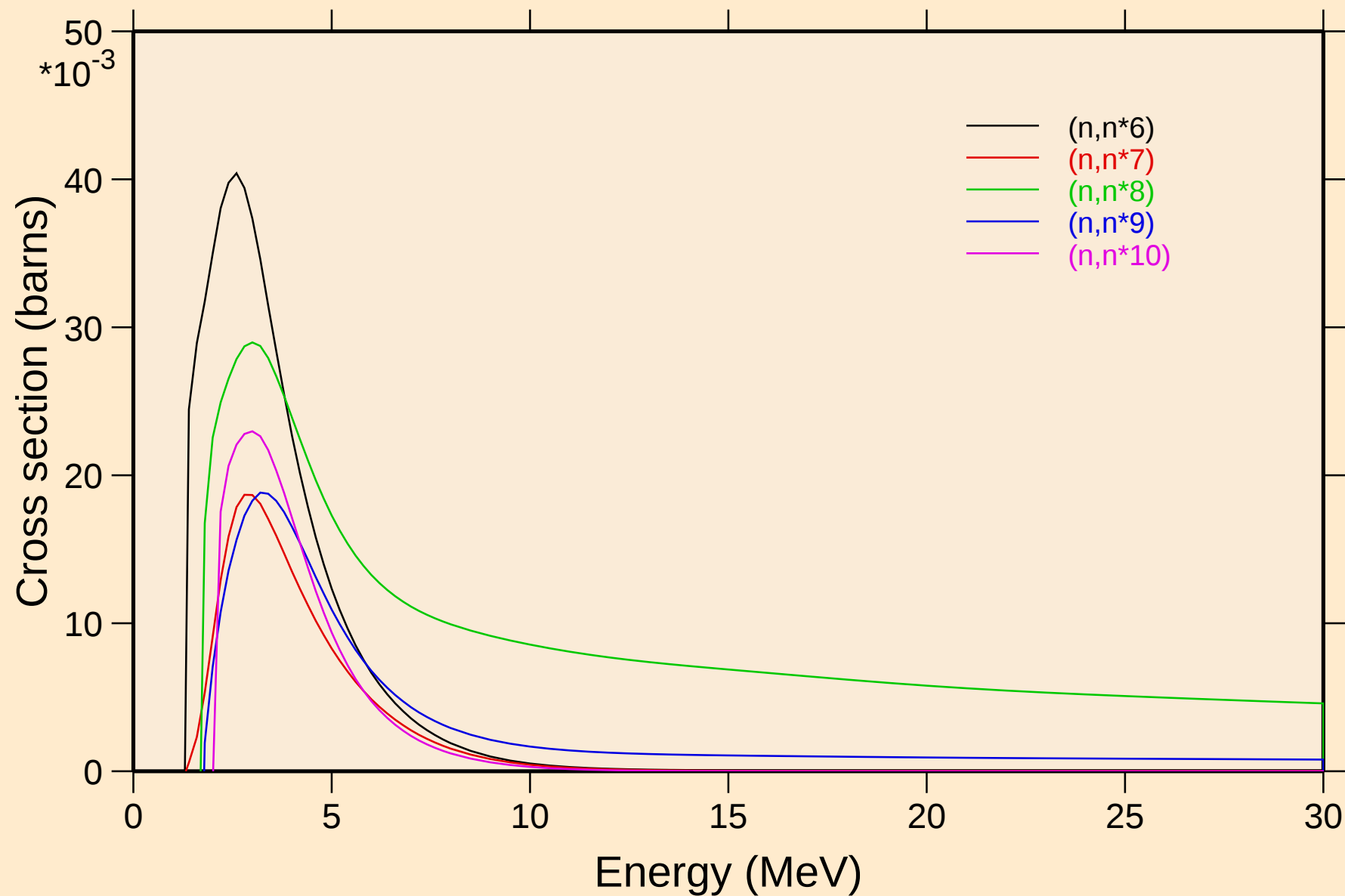
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



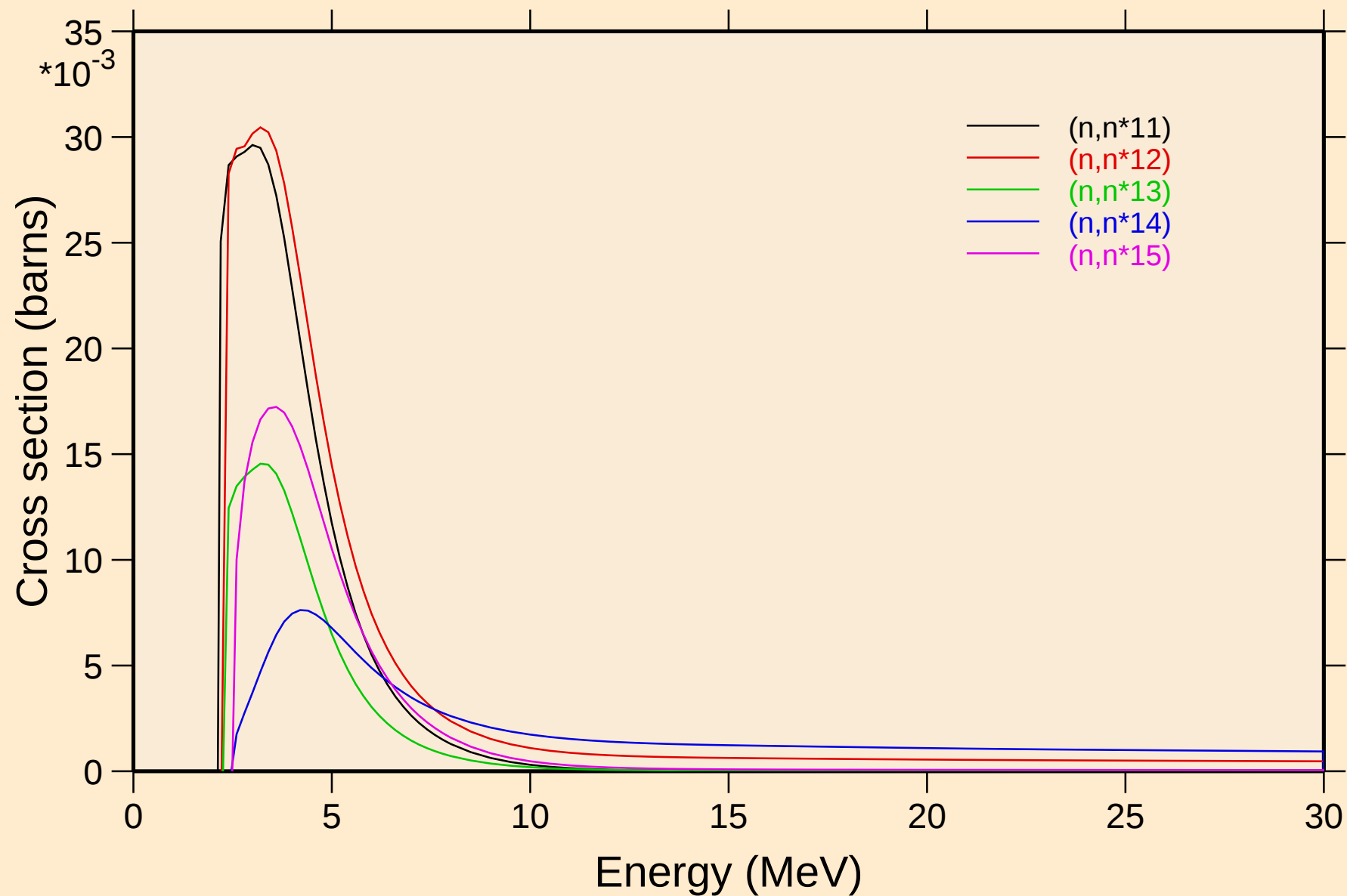
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

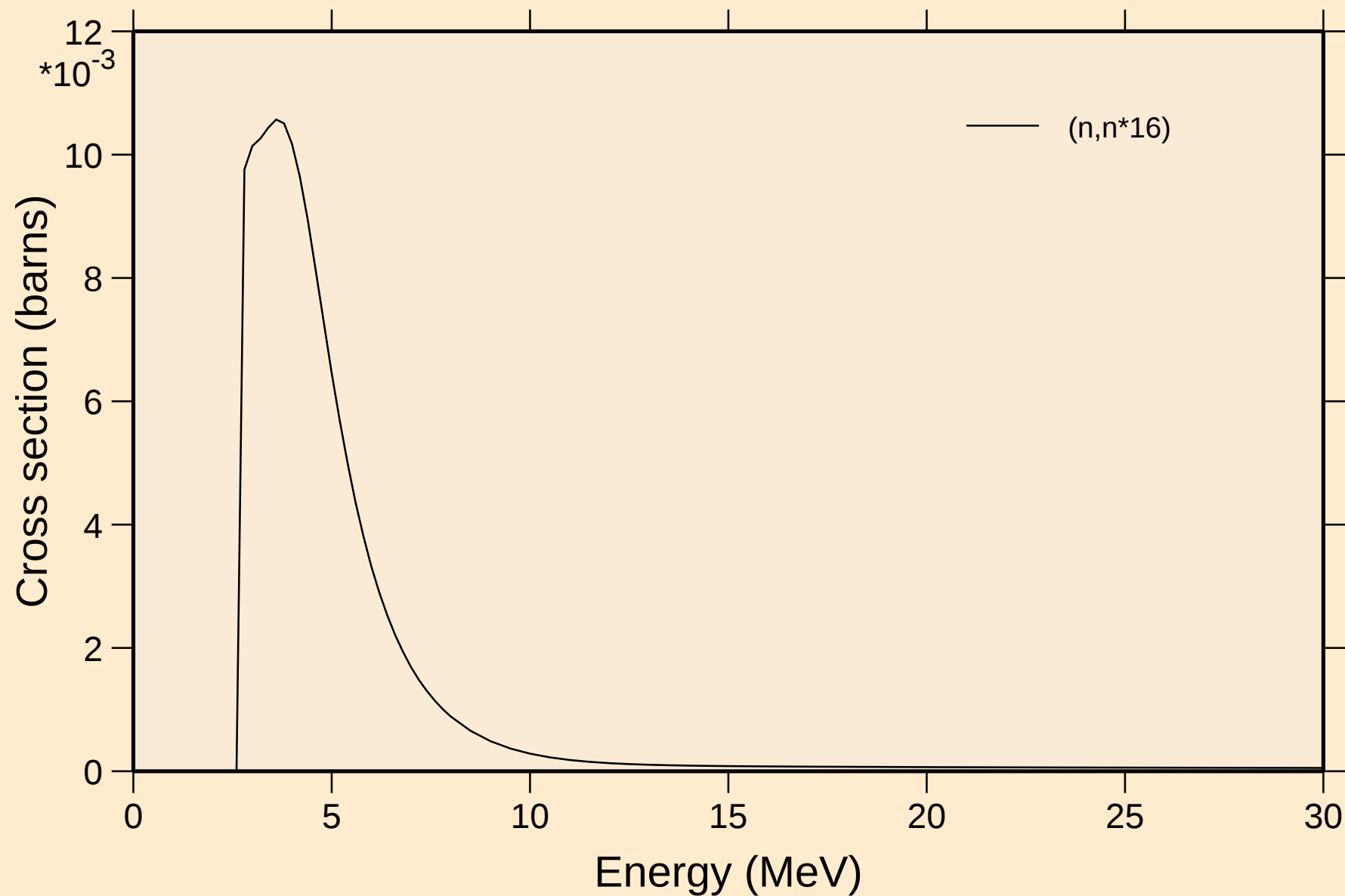


V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



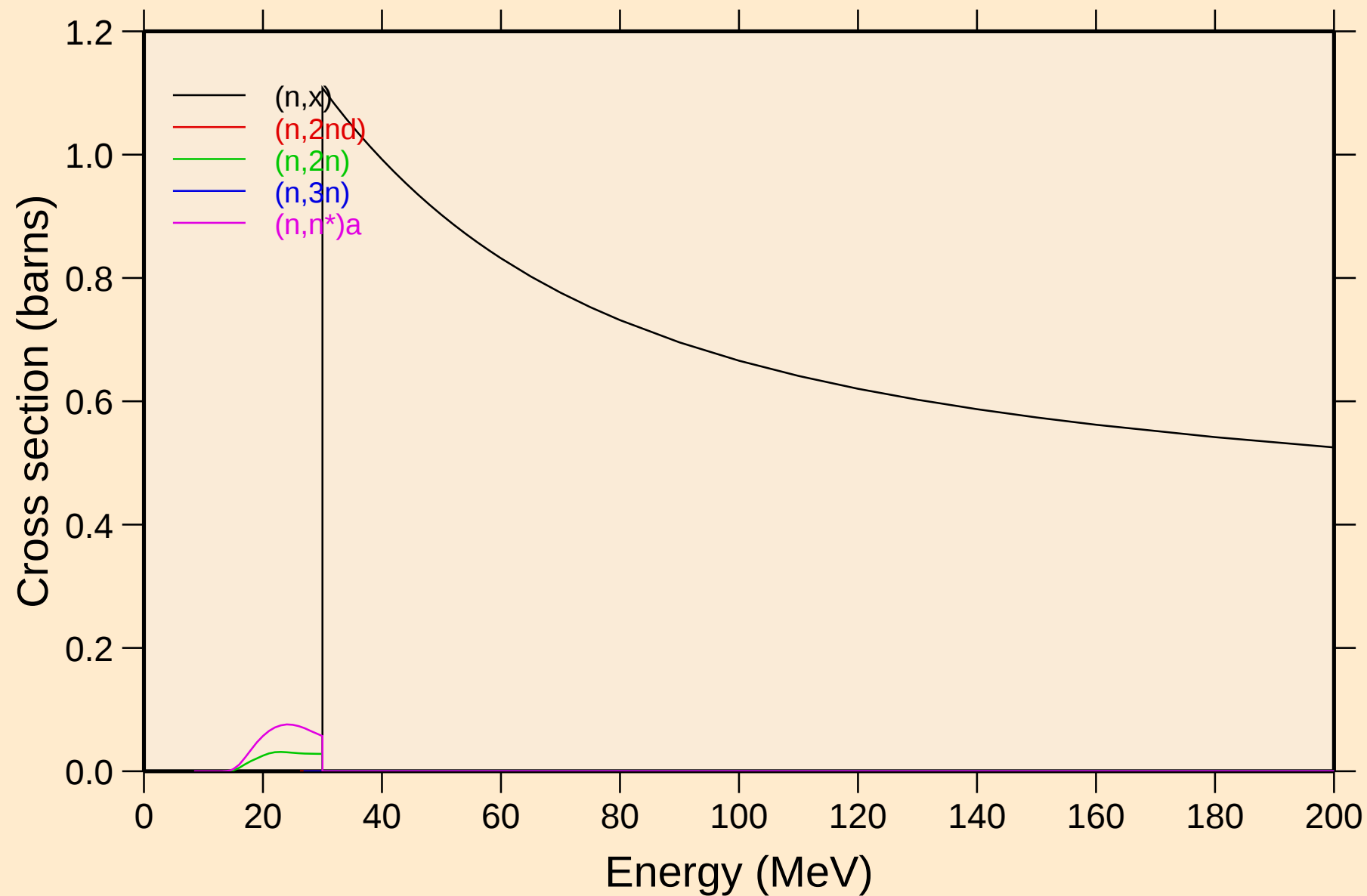
# V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Inelastic levels

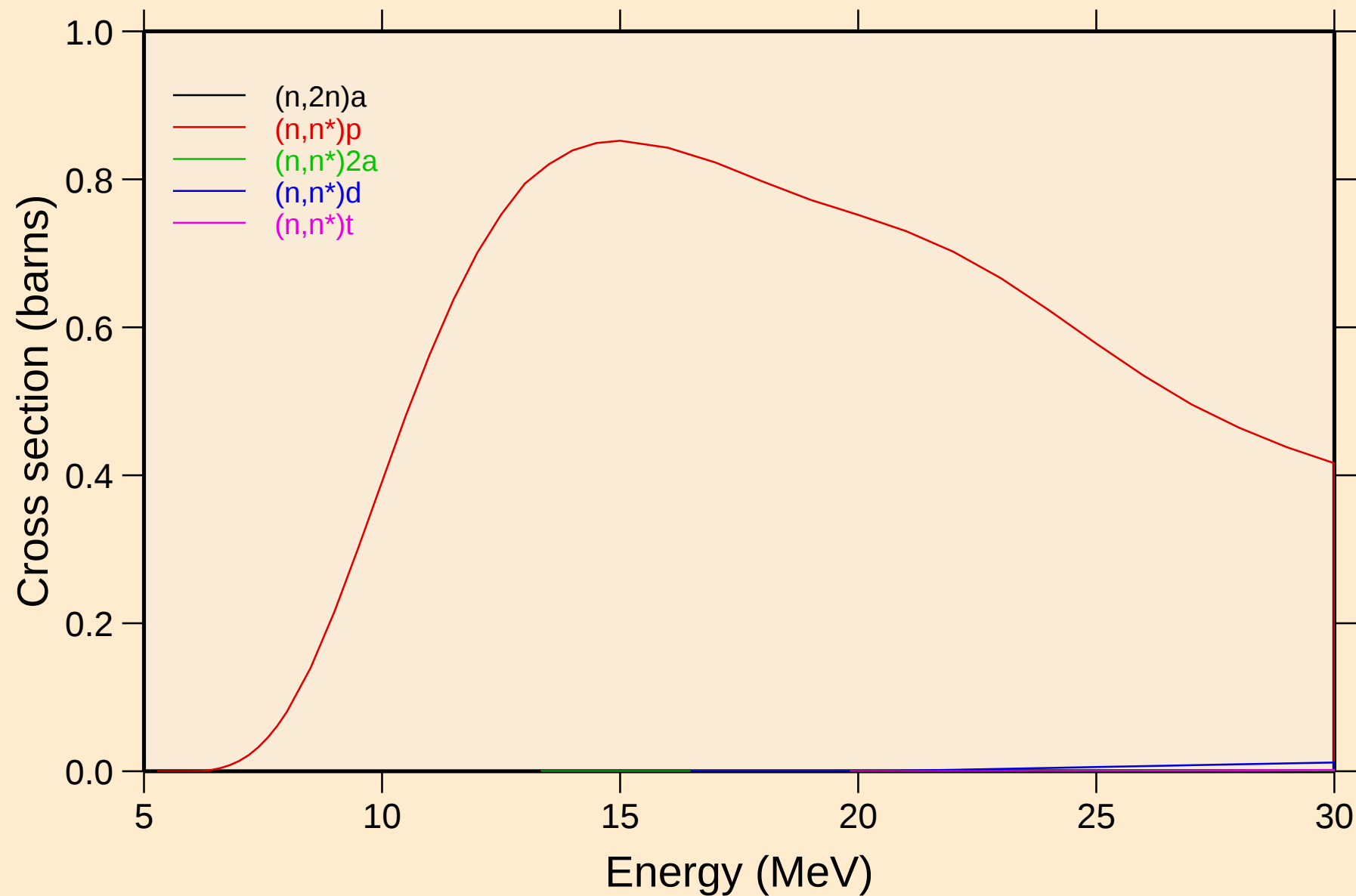


# V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

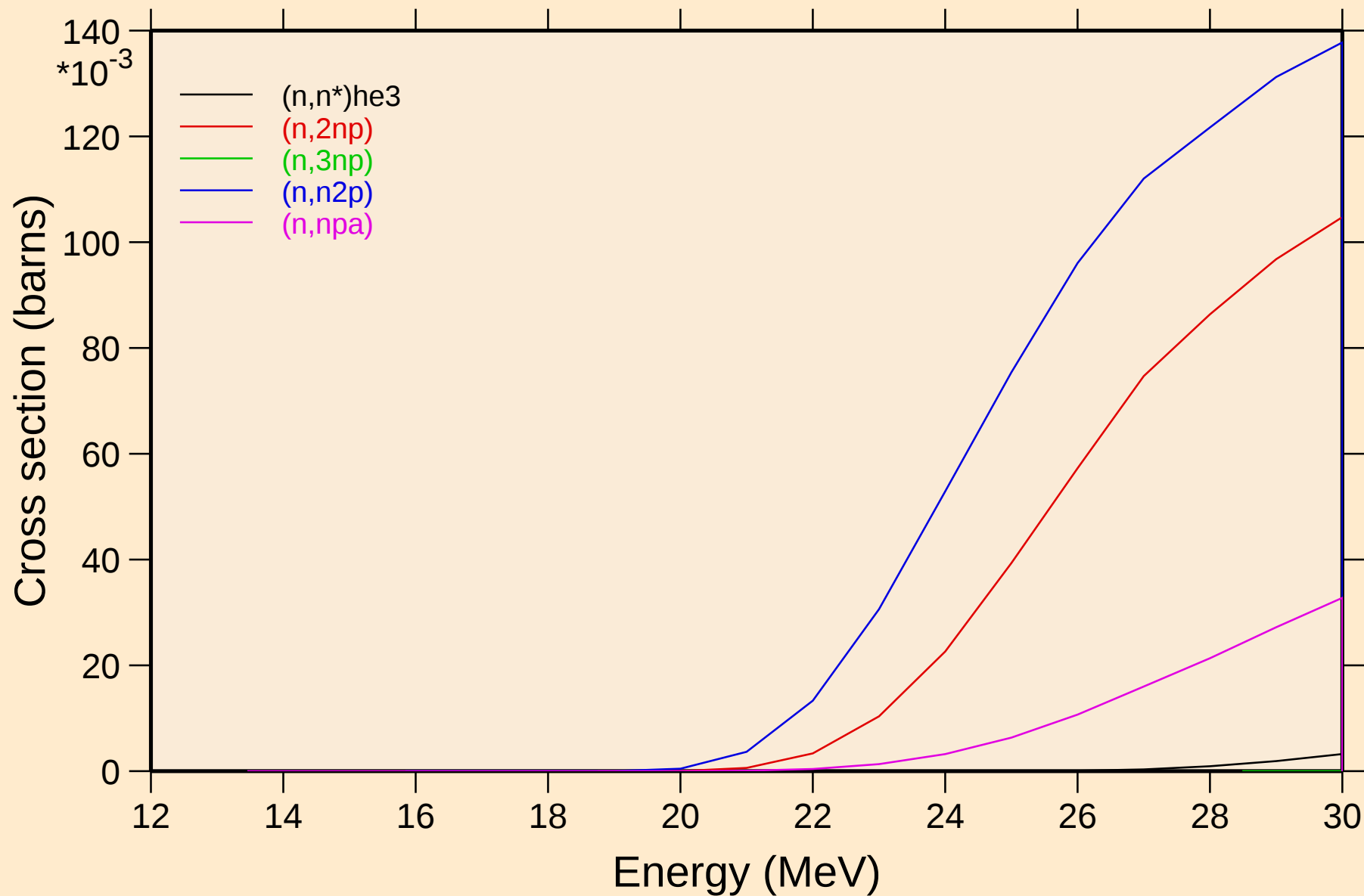
## Threshold reactions



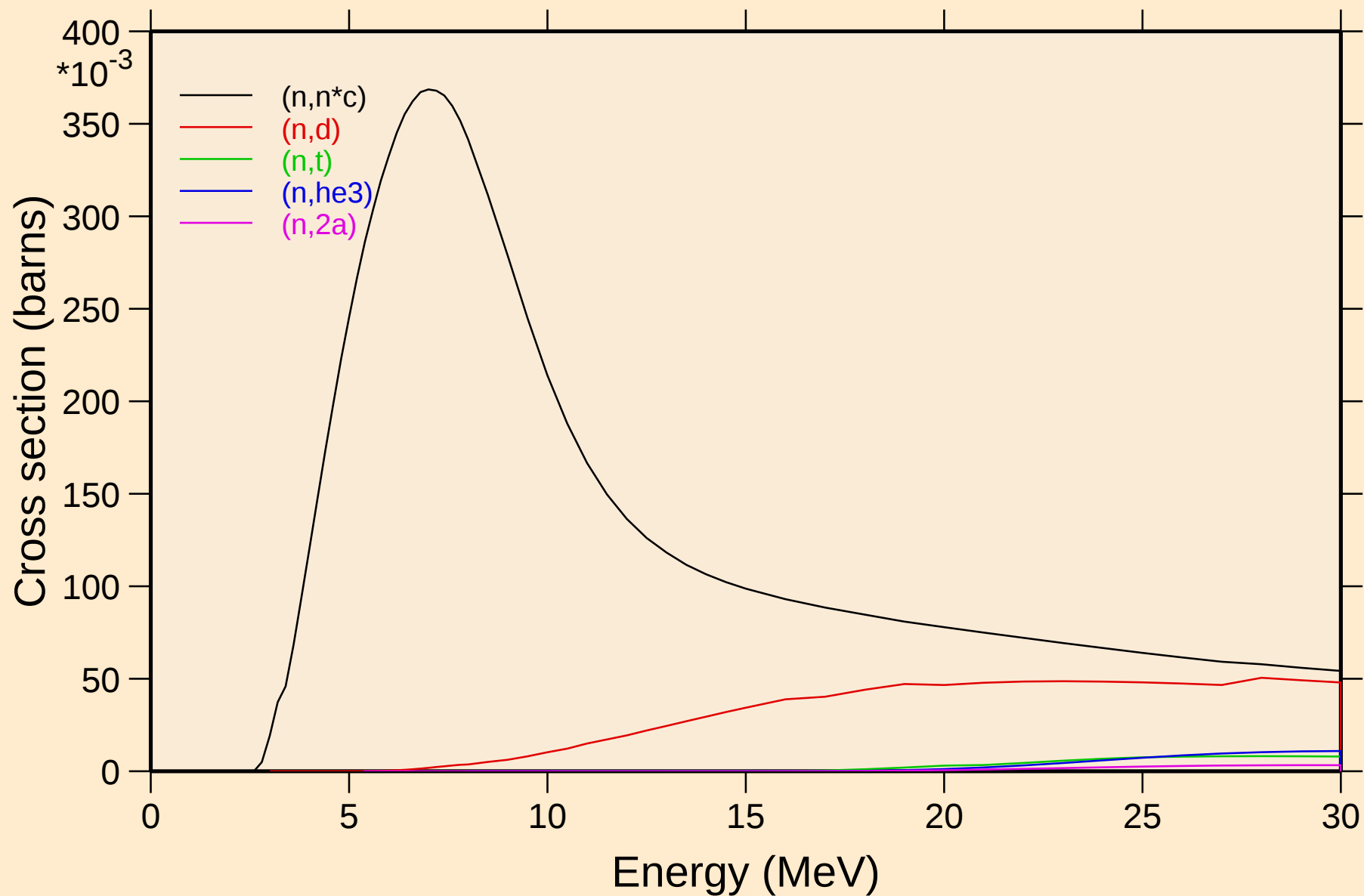
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



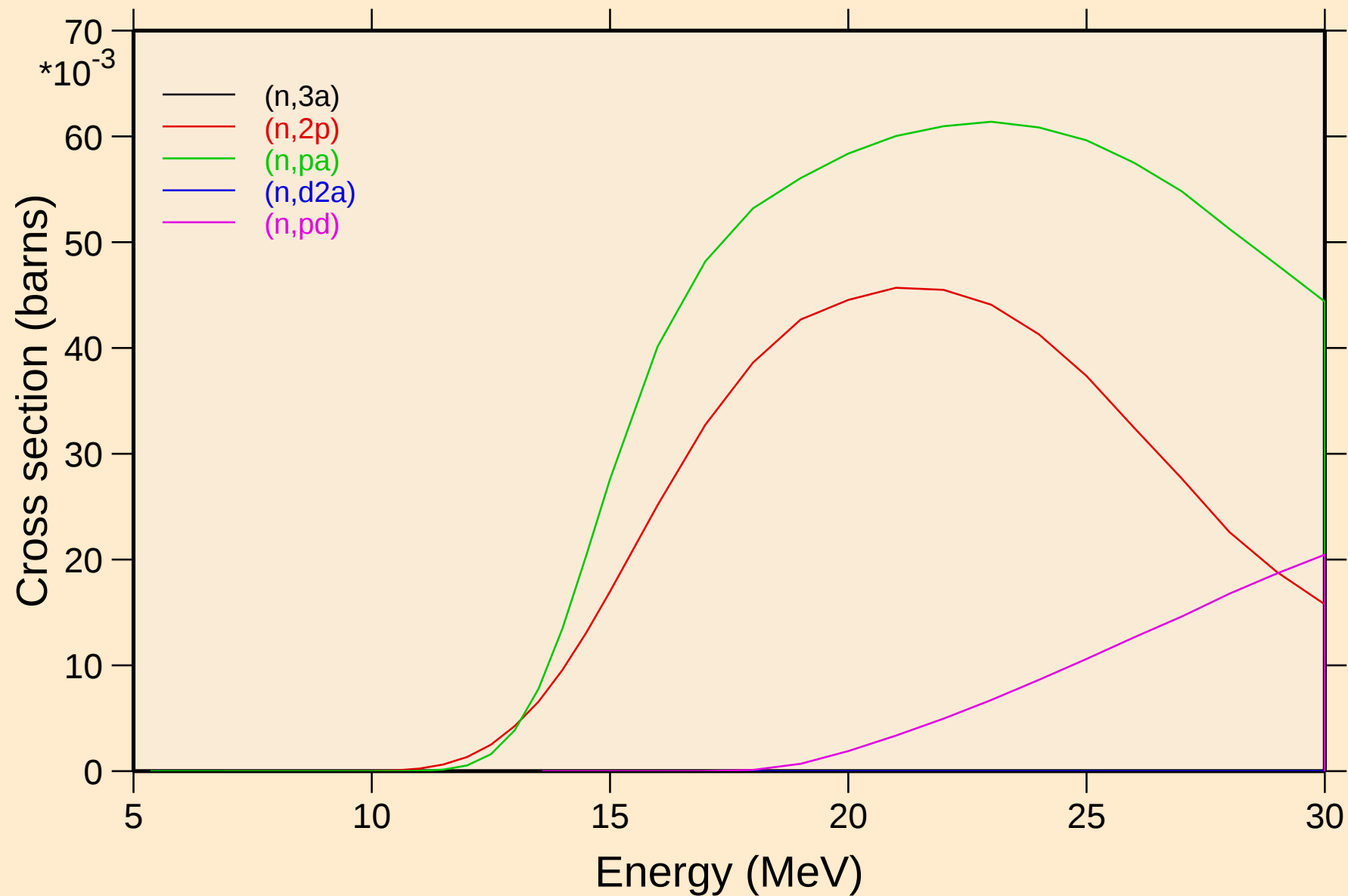
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

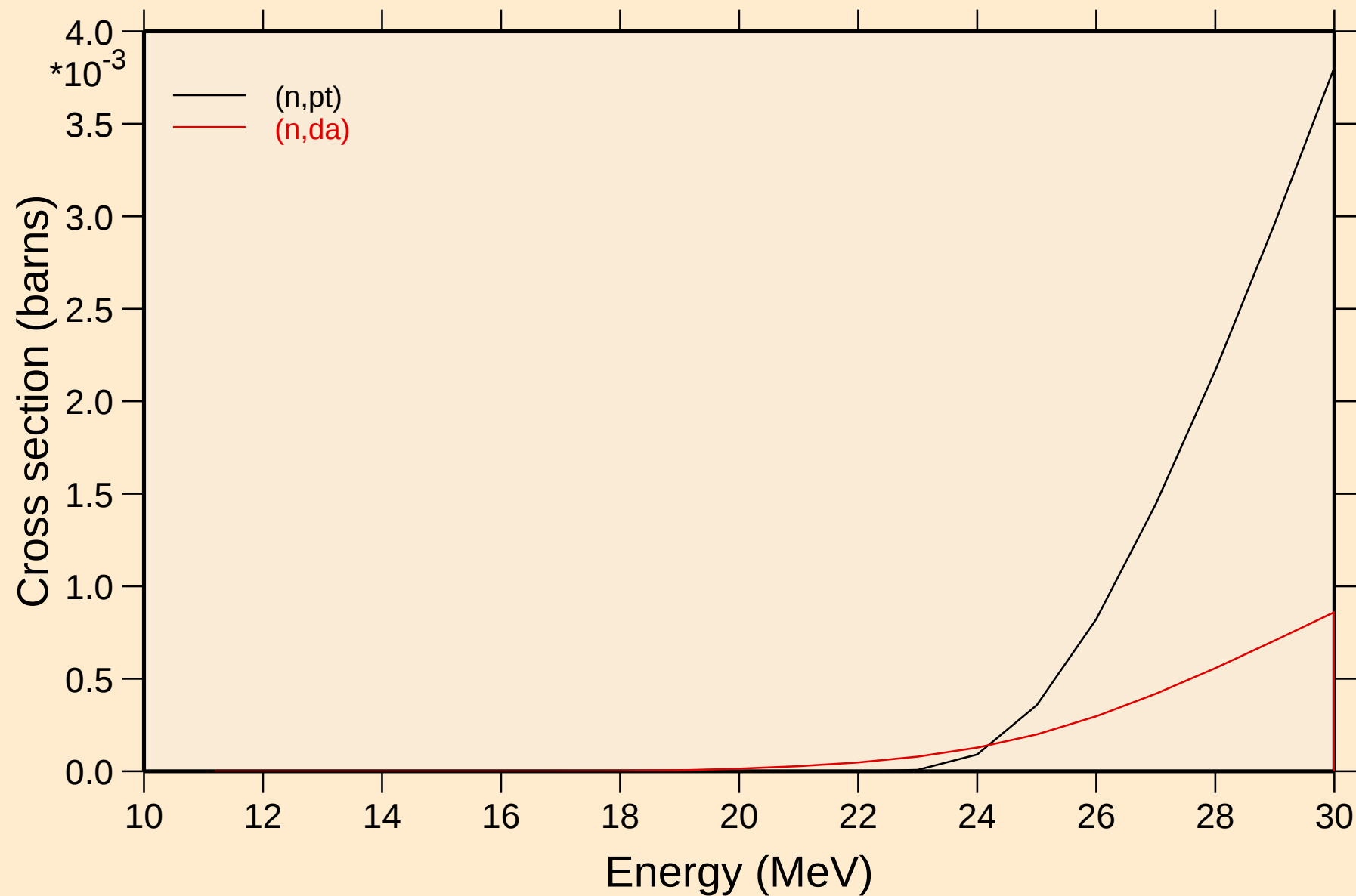


V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



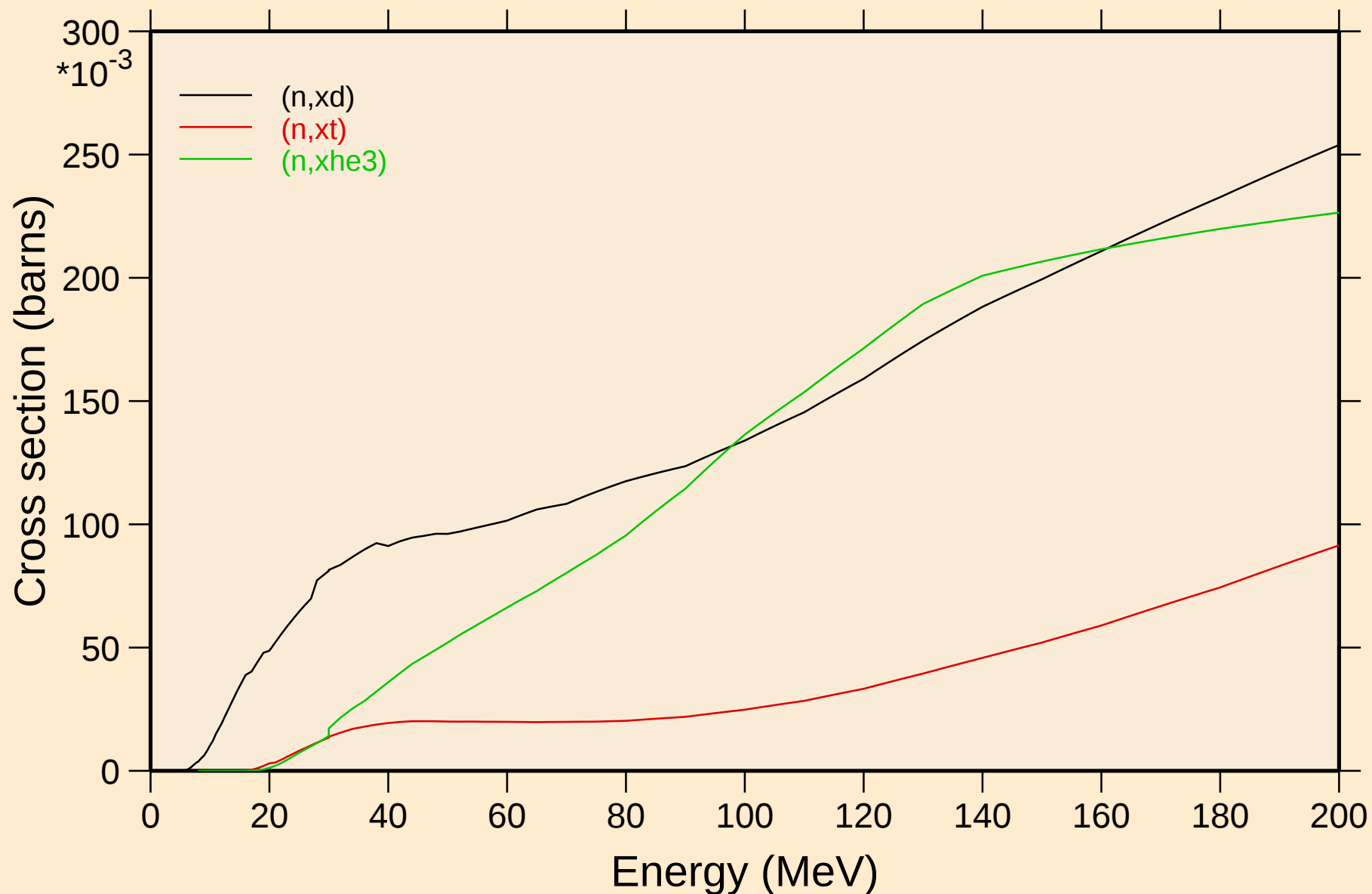
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## Threshold reactions

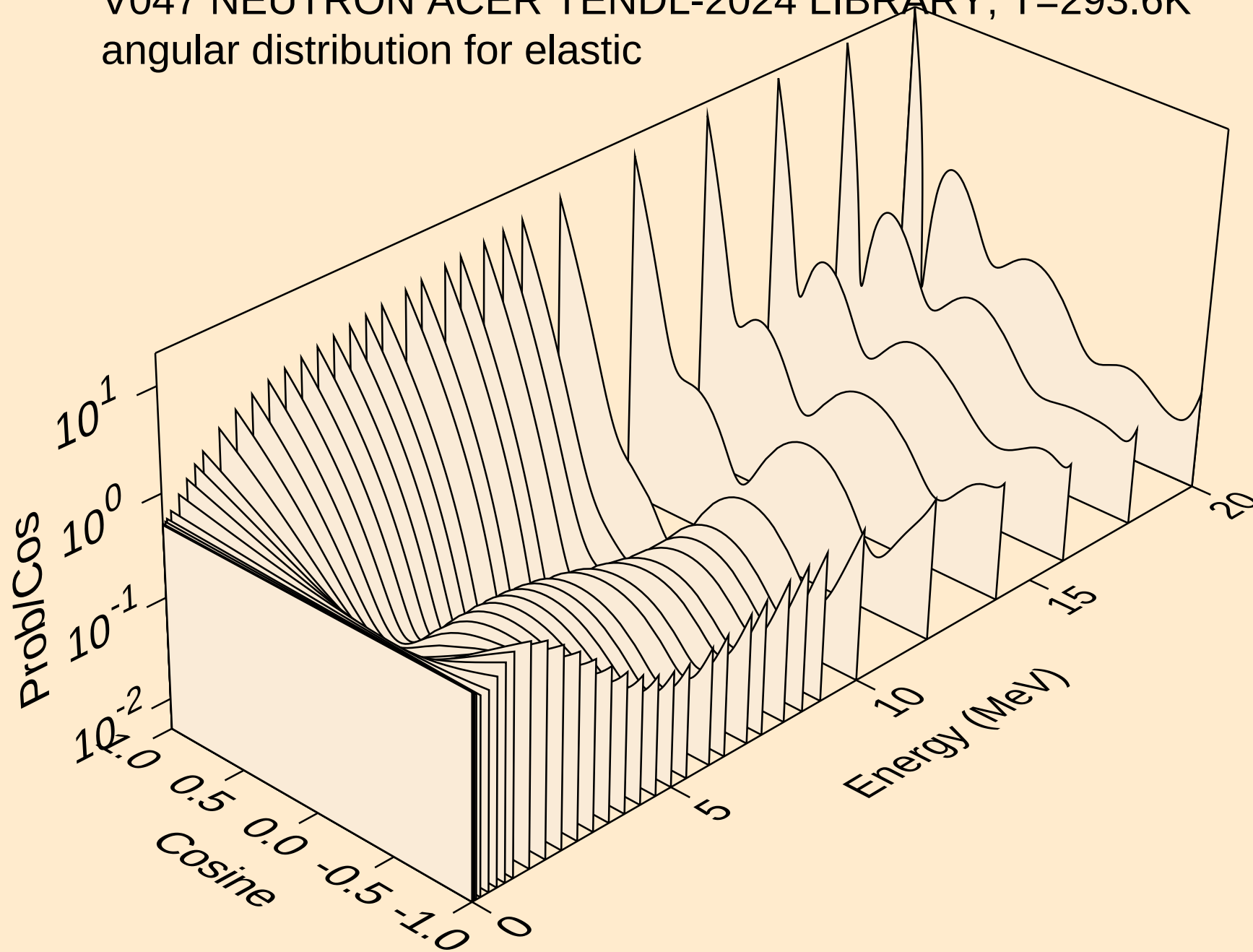


# V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

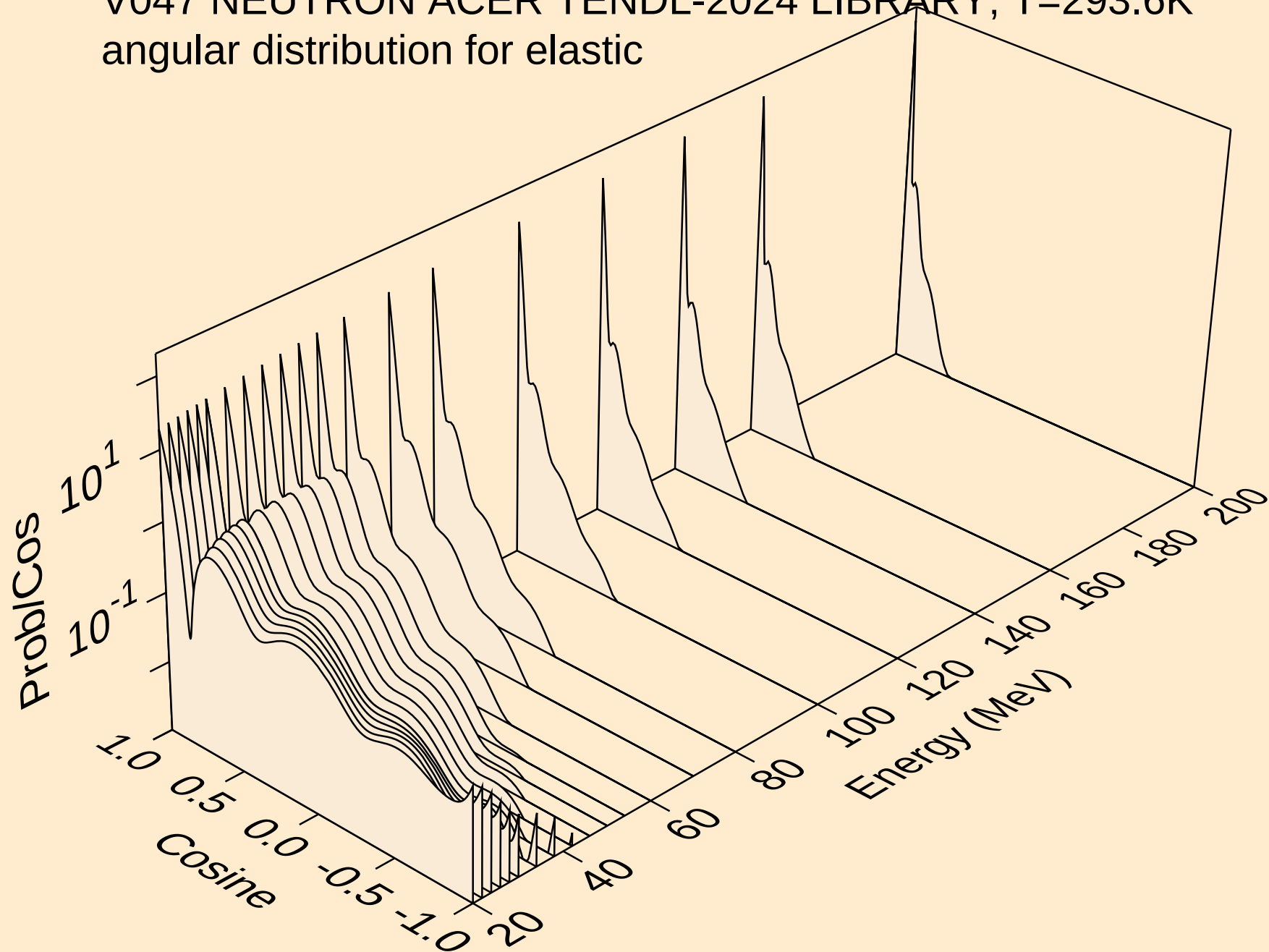
## Threshold reactions



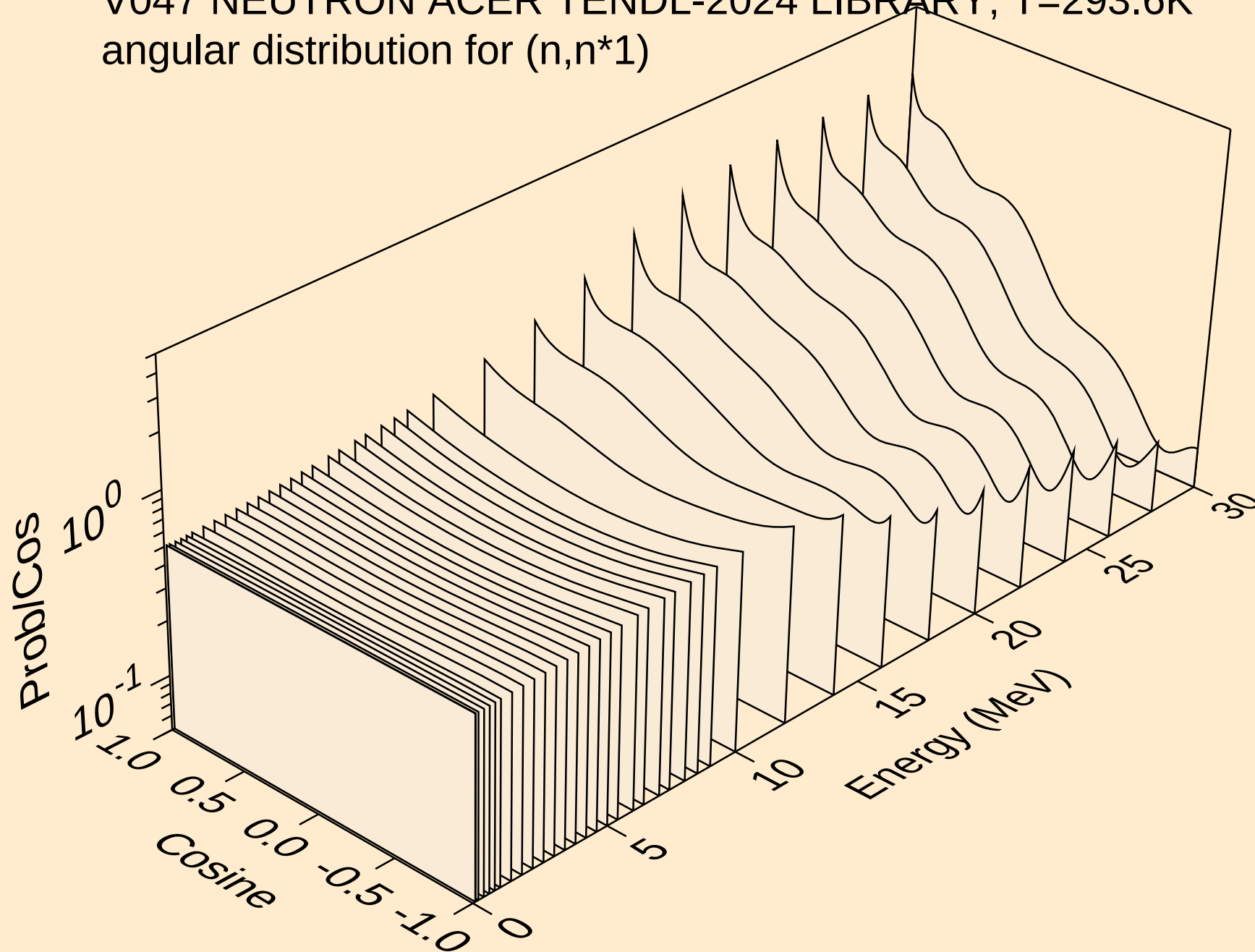
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



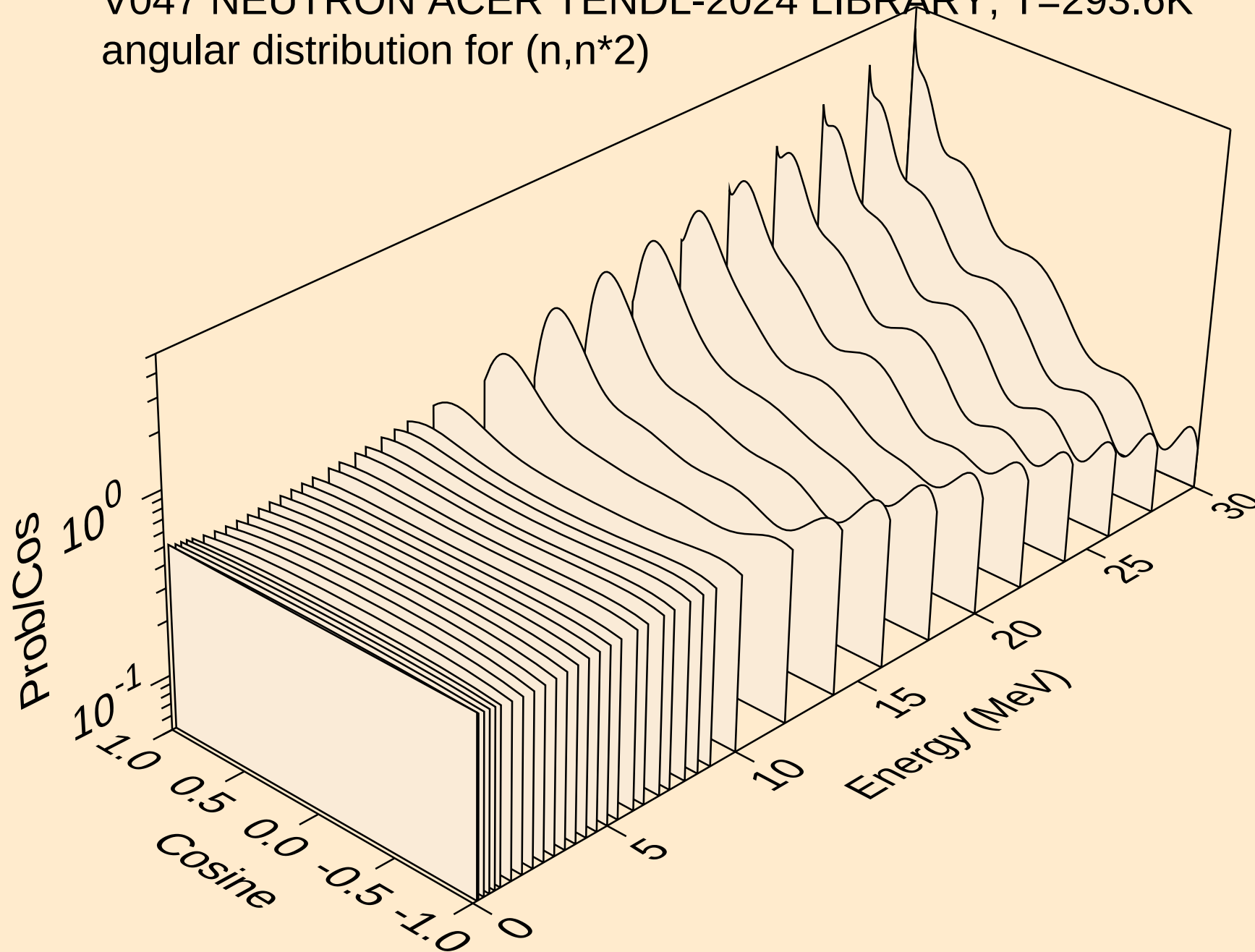
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



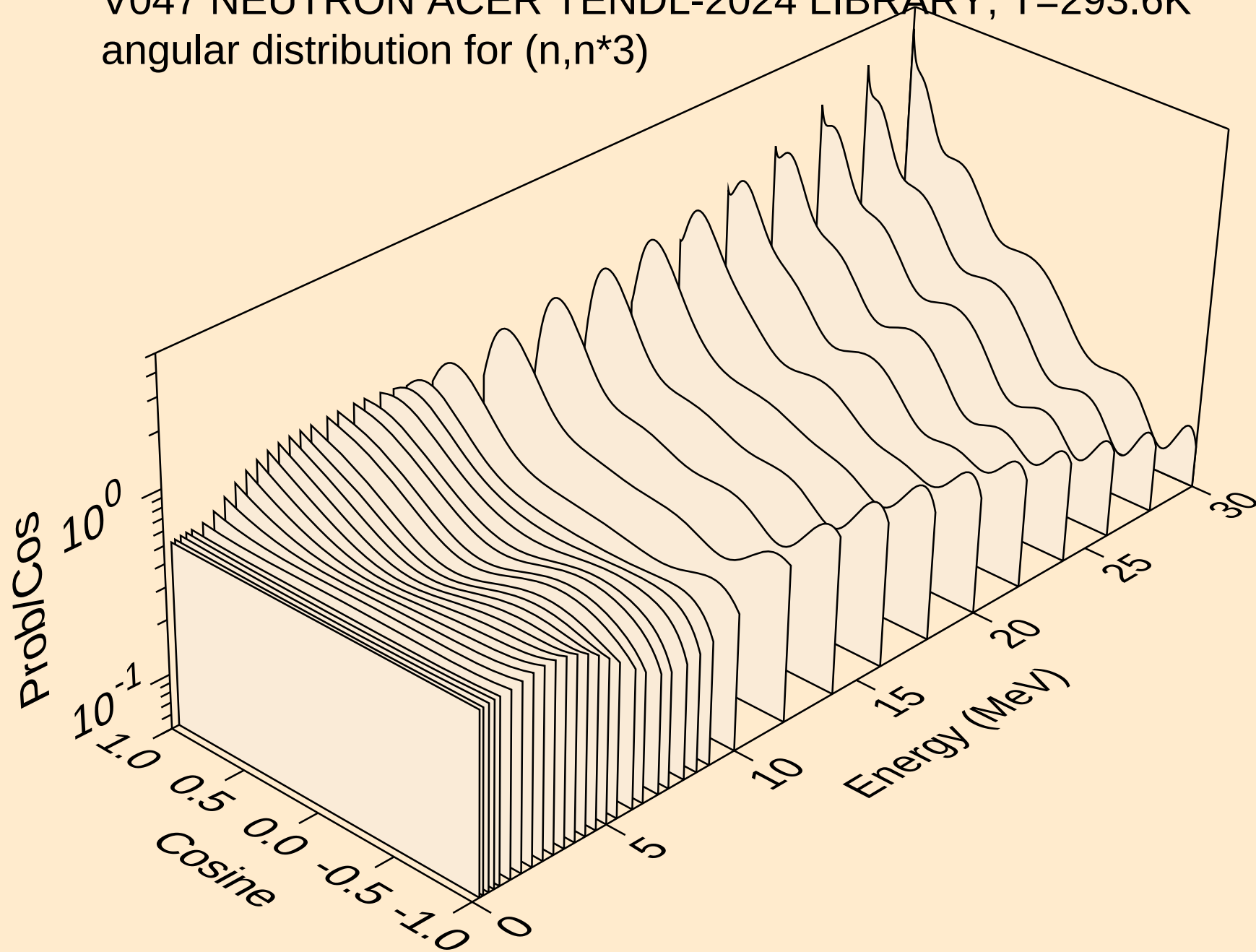
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



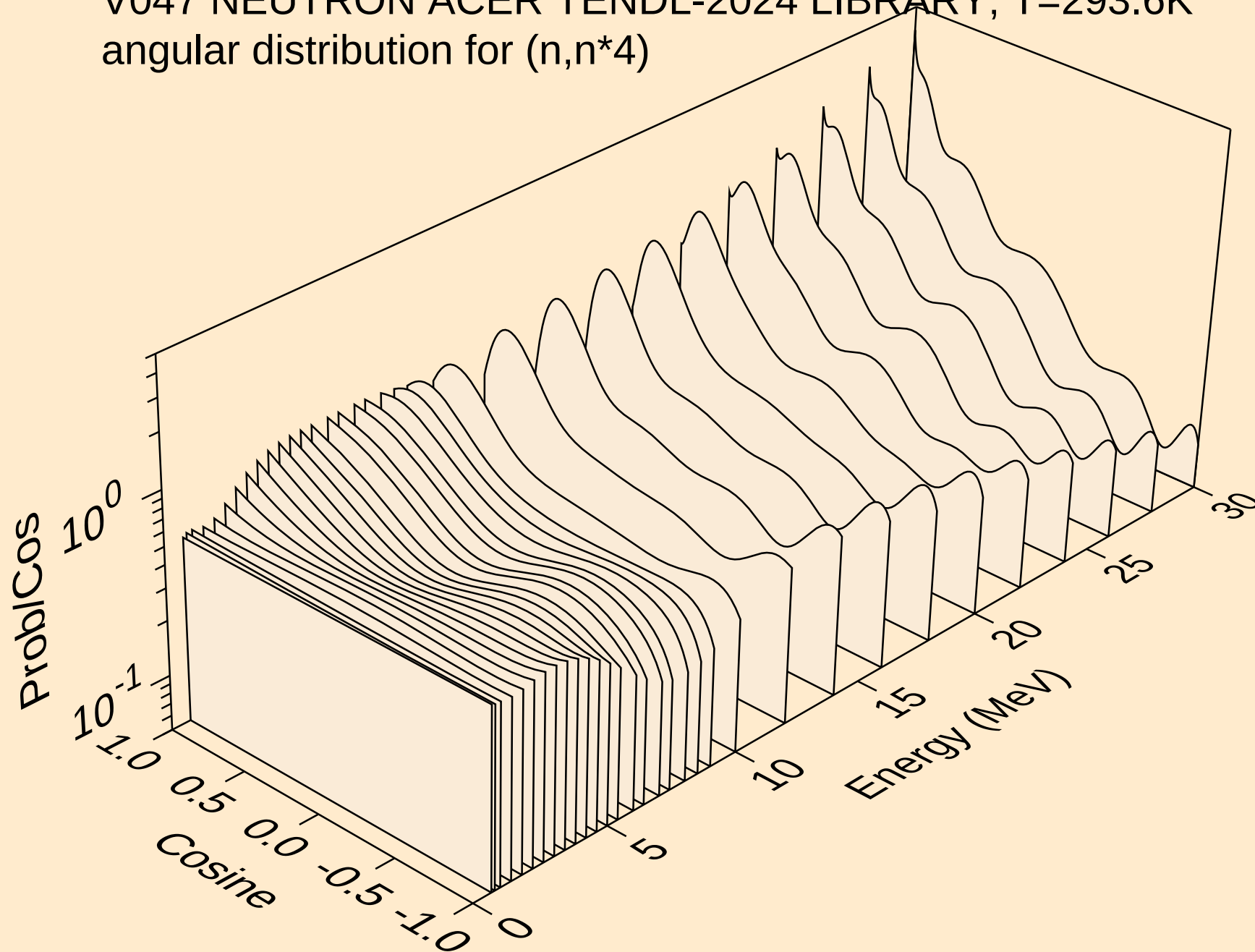
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angular distribution for (n,n\*2)



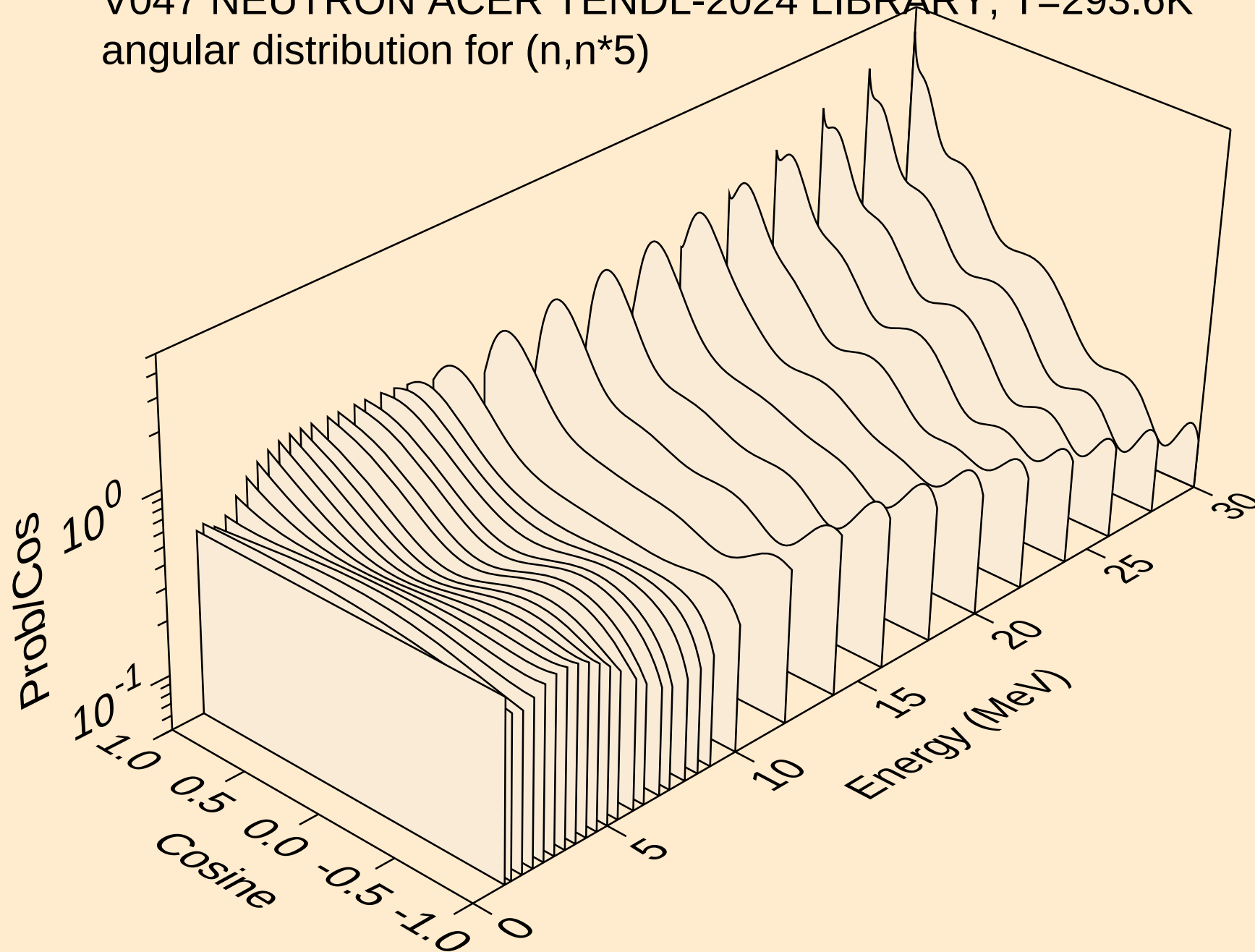
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angular distribution for (n,n\*3)



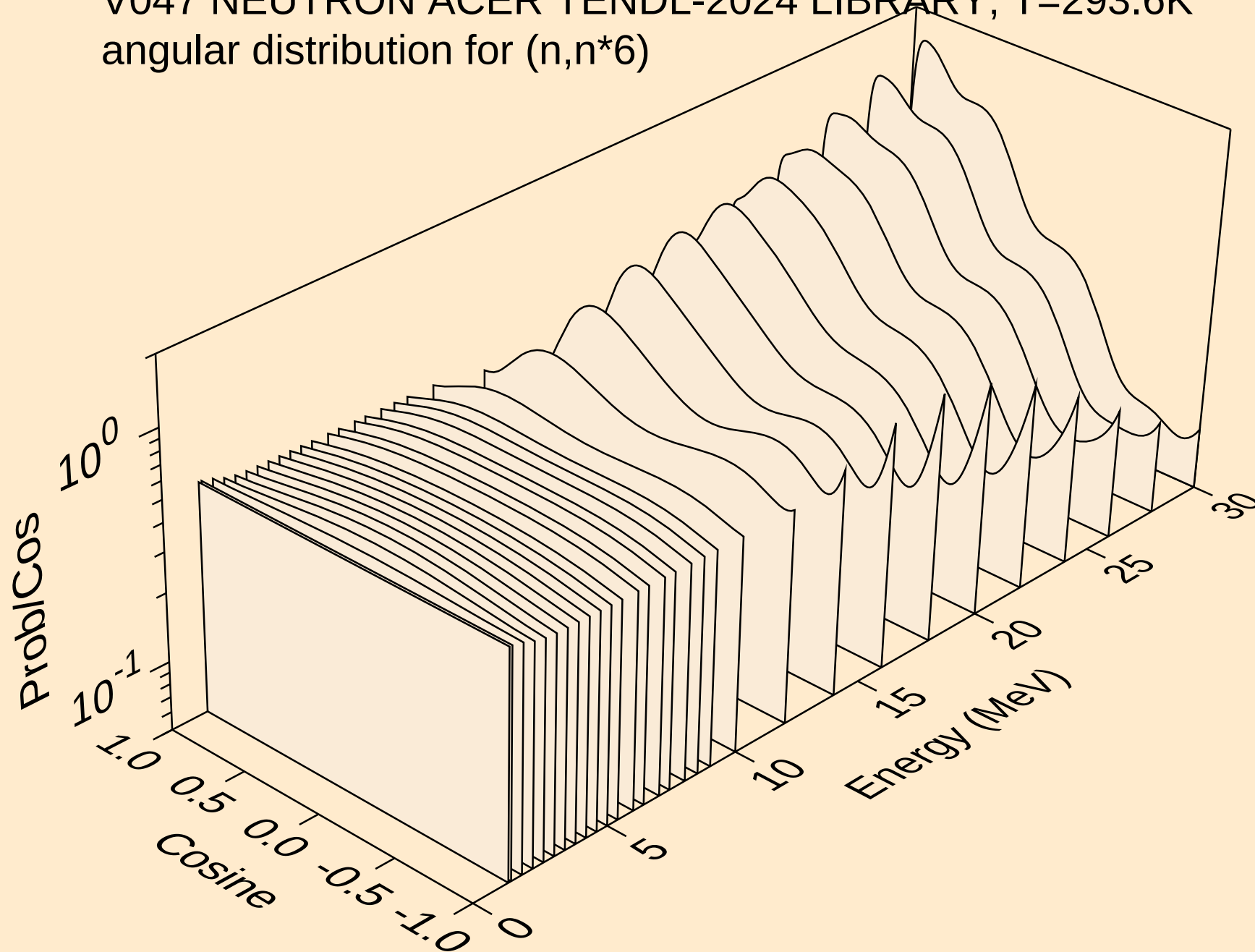
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angular distribution for (n,n\*4)



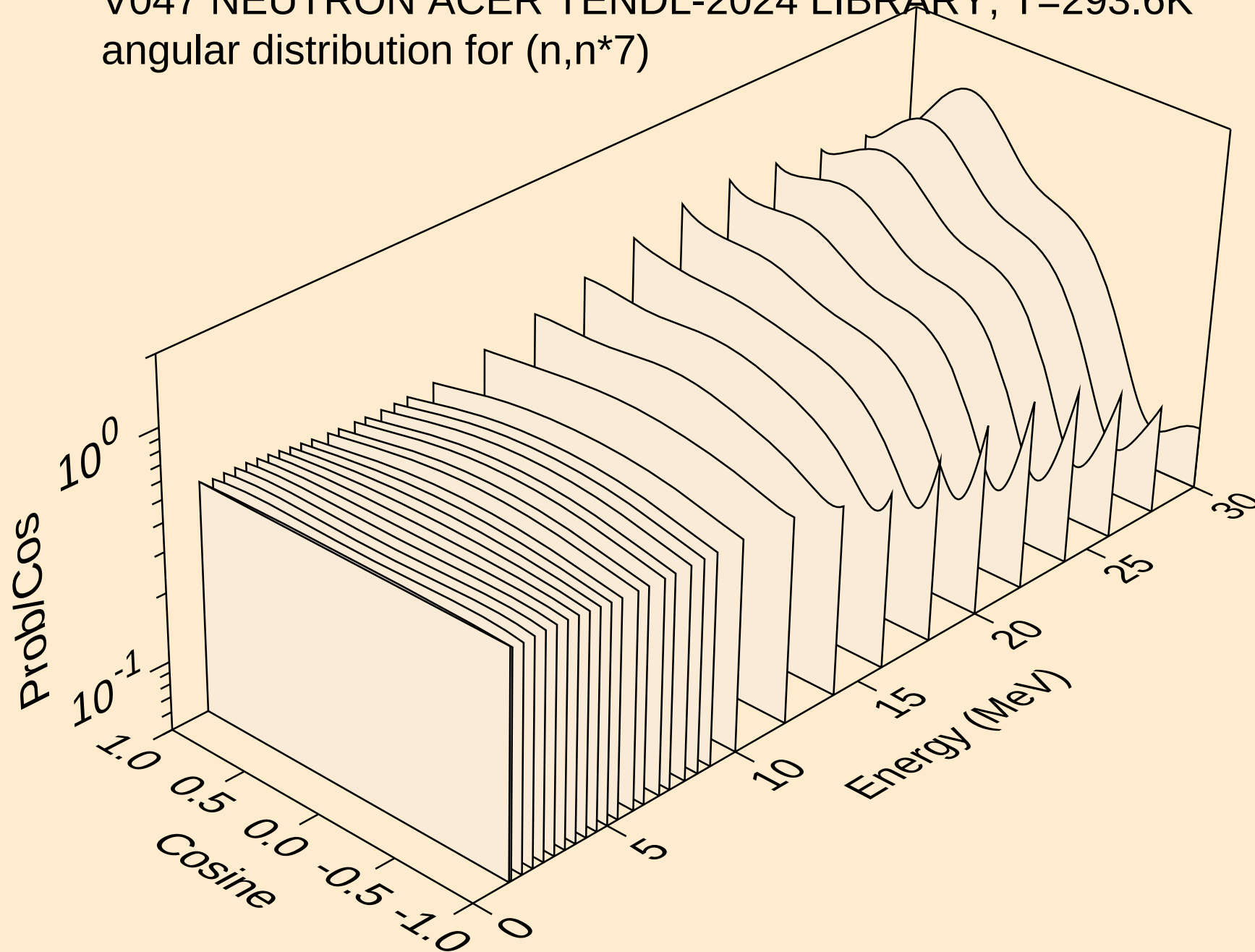
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angular distribution for (n,n\*5)



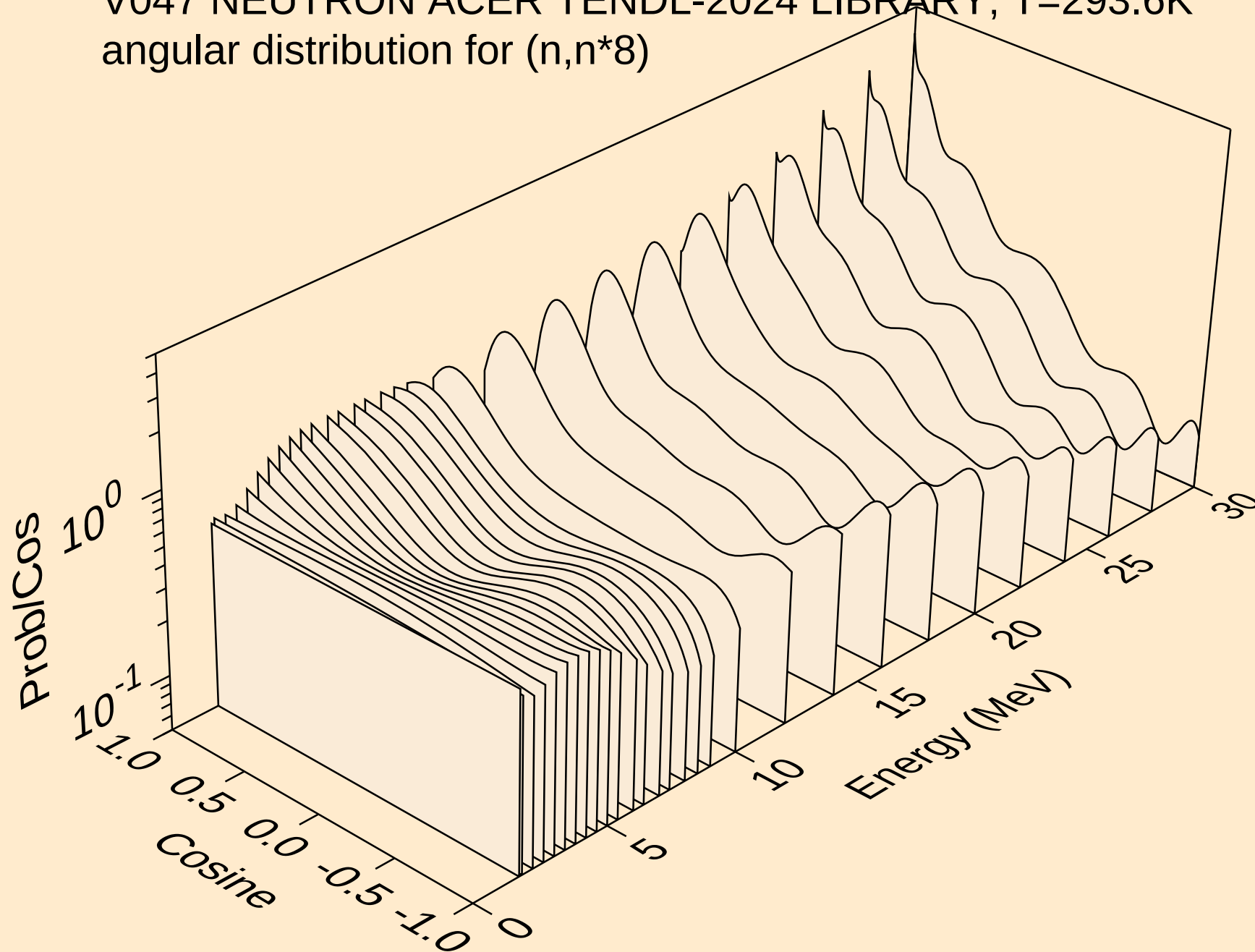
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angular distribution for (n,n\*6)



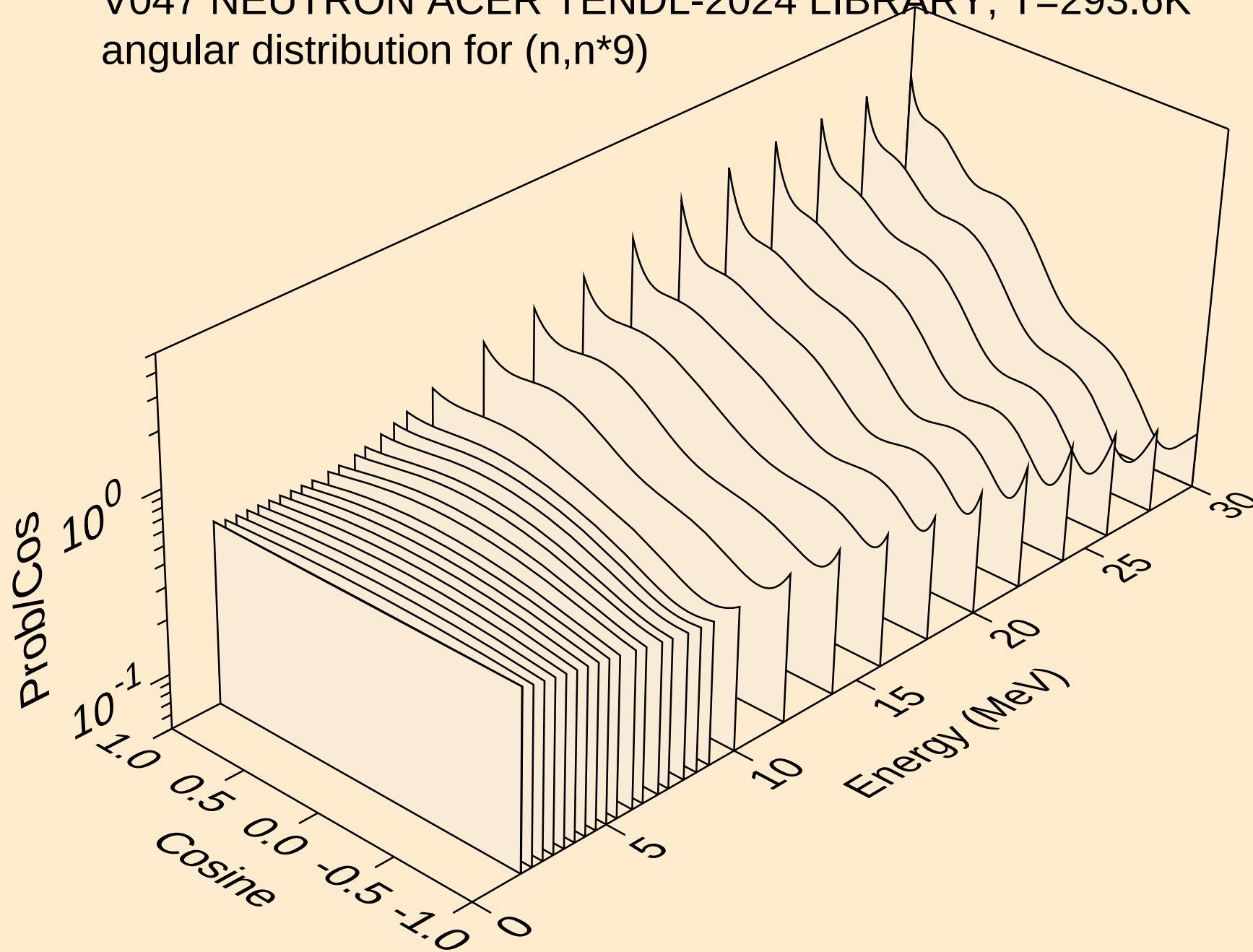
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angular distribution for (n,n\*7)



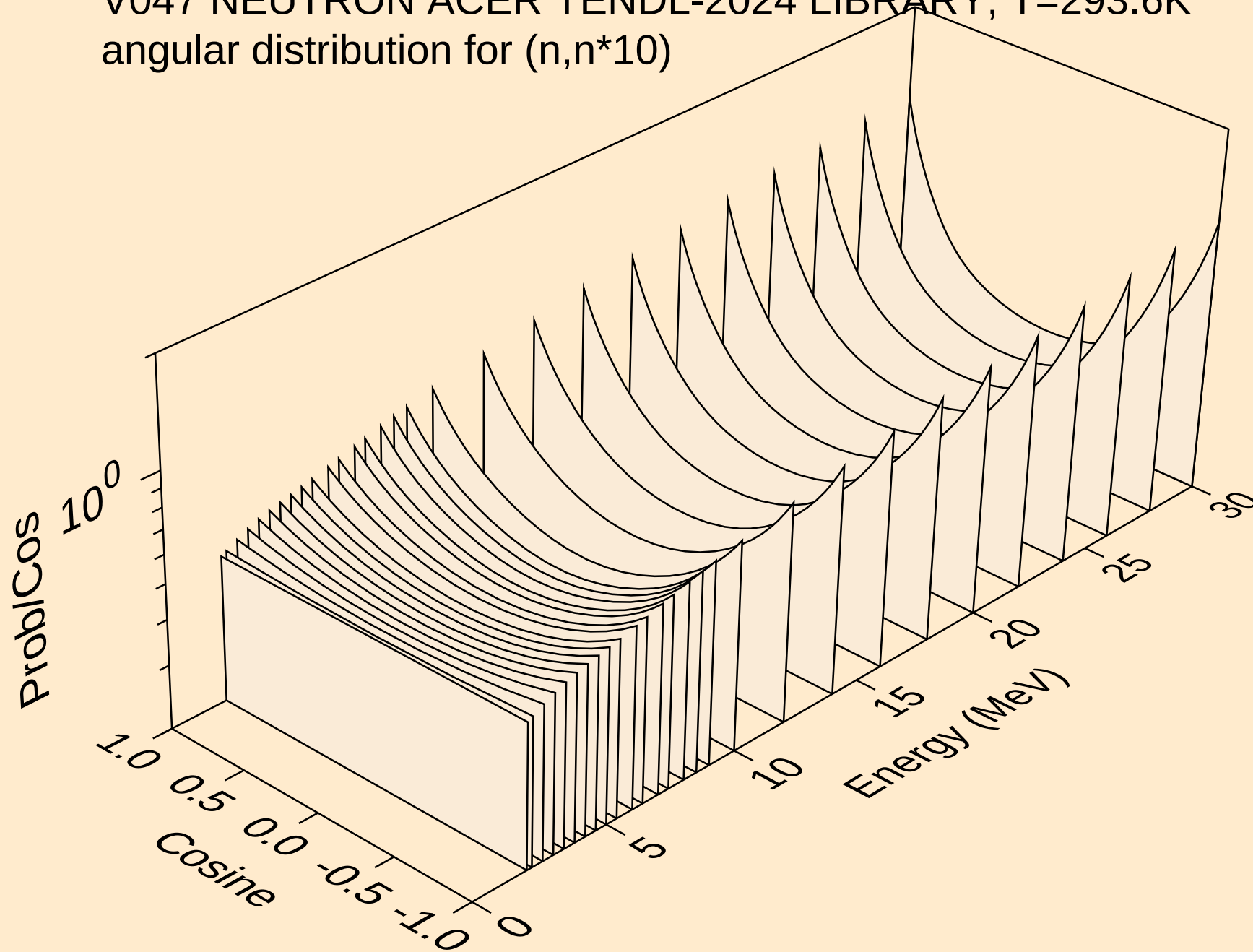
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angular distribution for (n,n\*8)



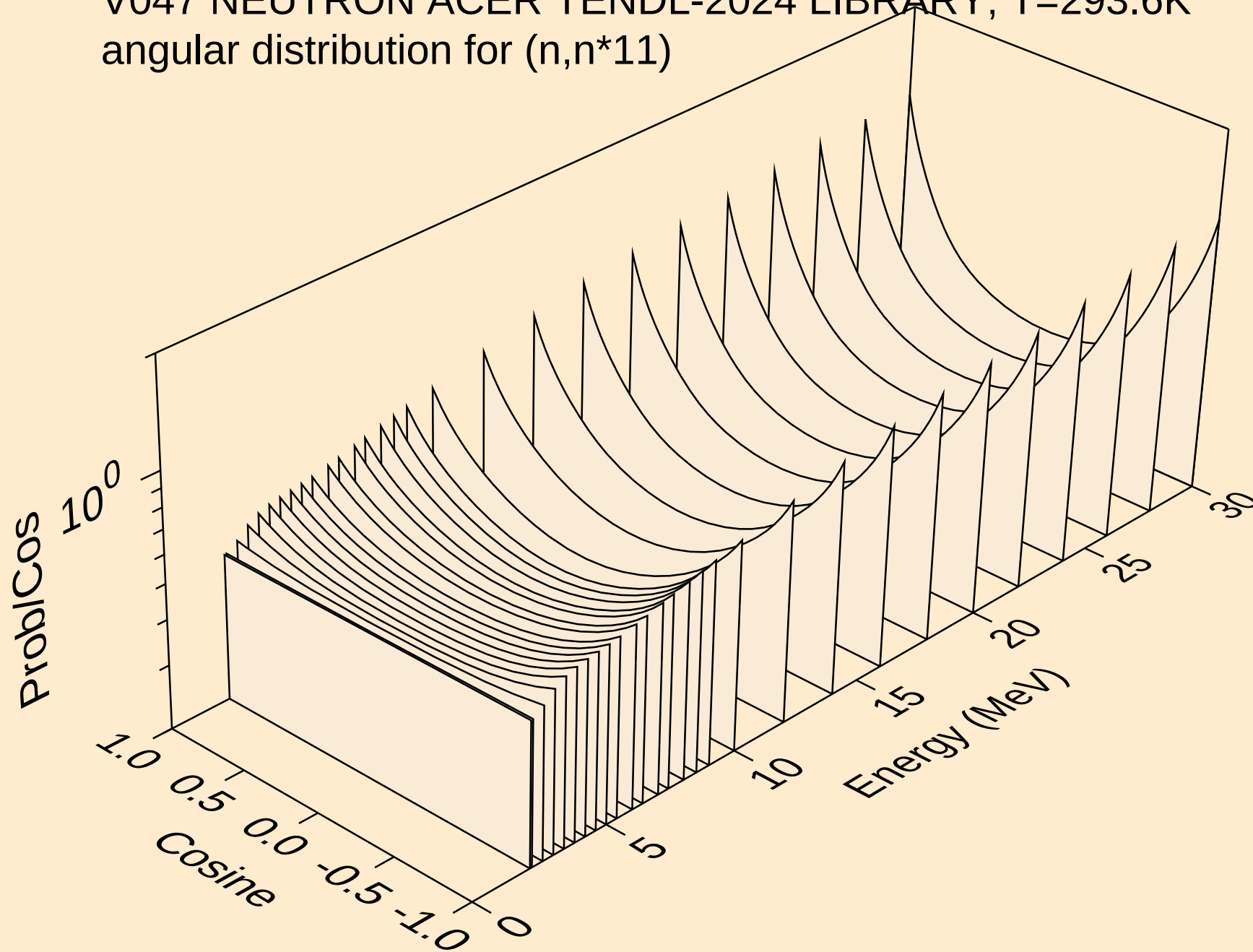
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angular distribution for (n,n\*9)



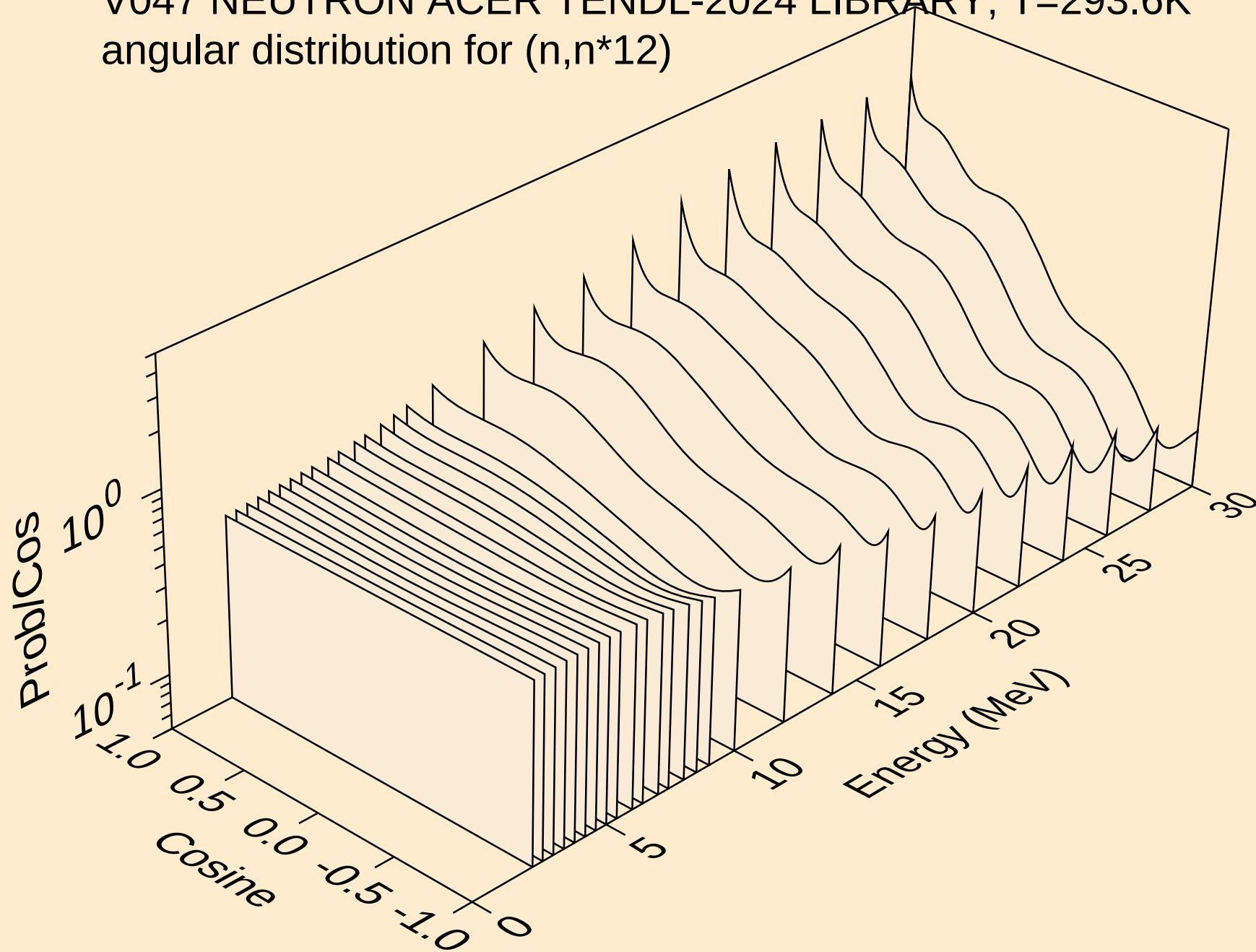
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angular distribution for (n,n\*10)



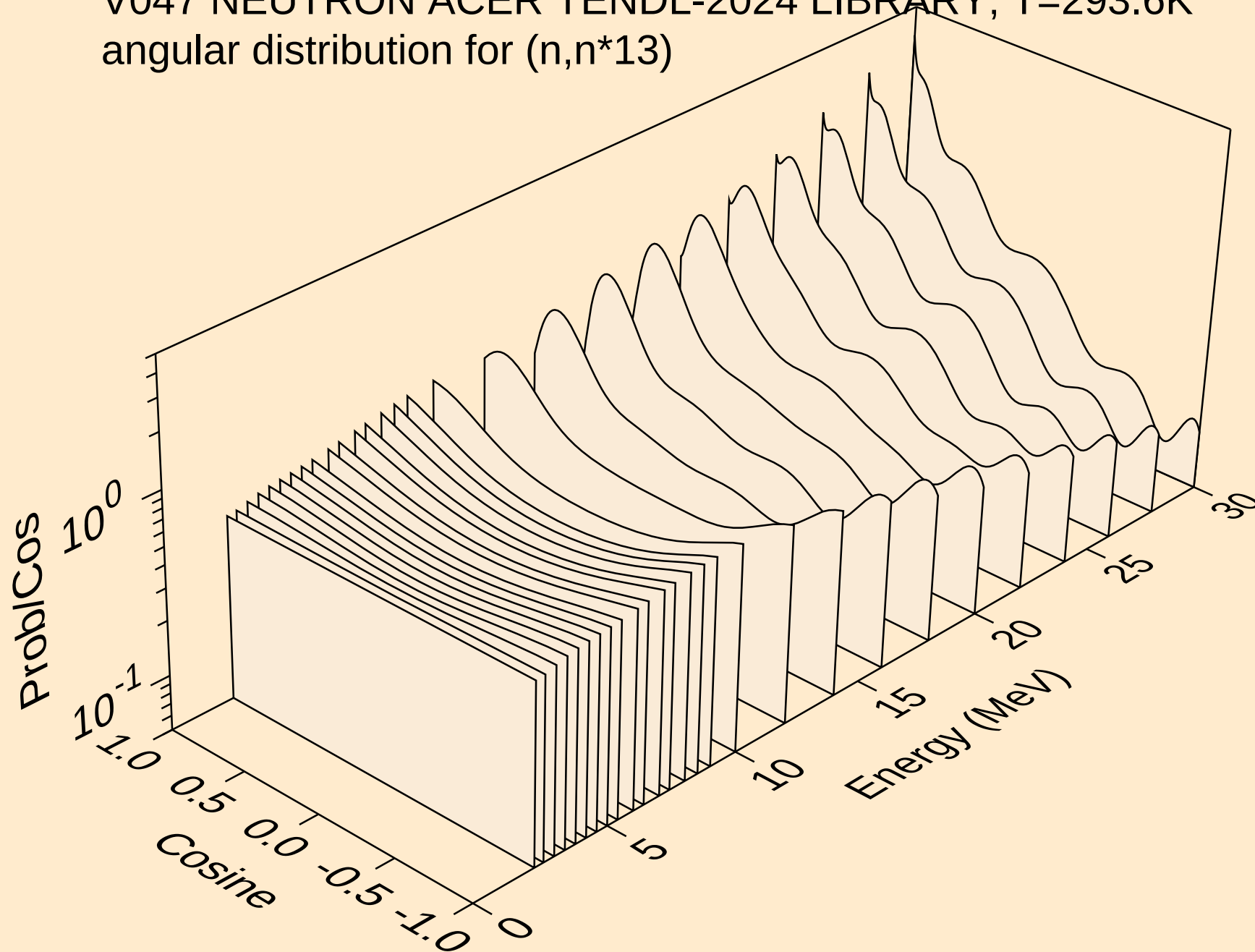
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angular distribution for (n,n\*11)



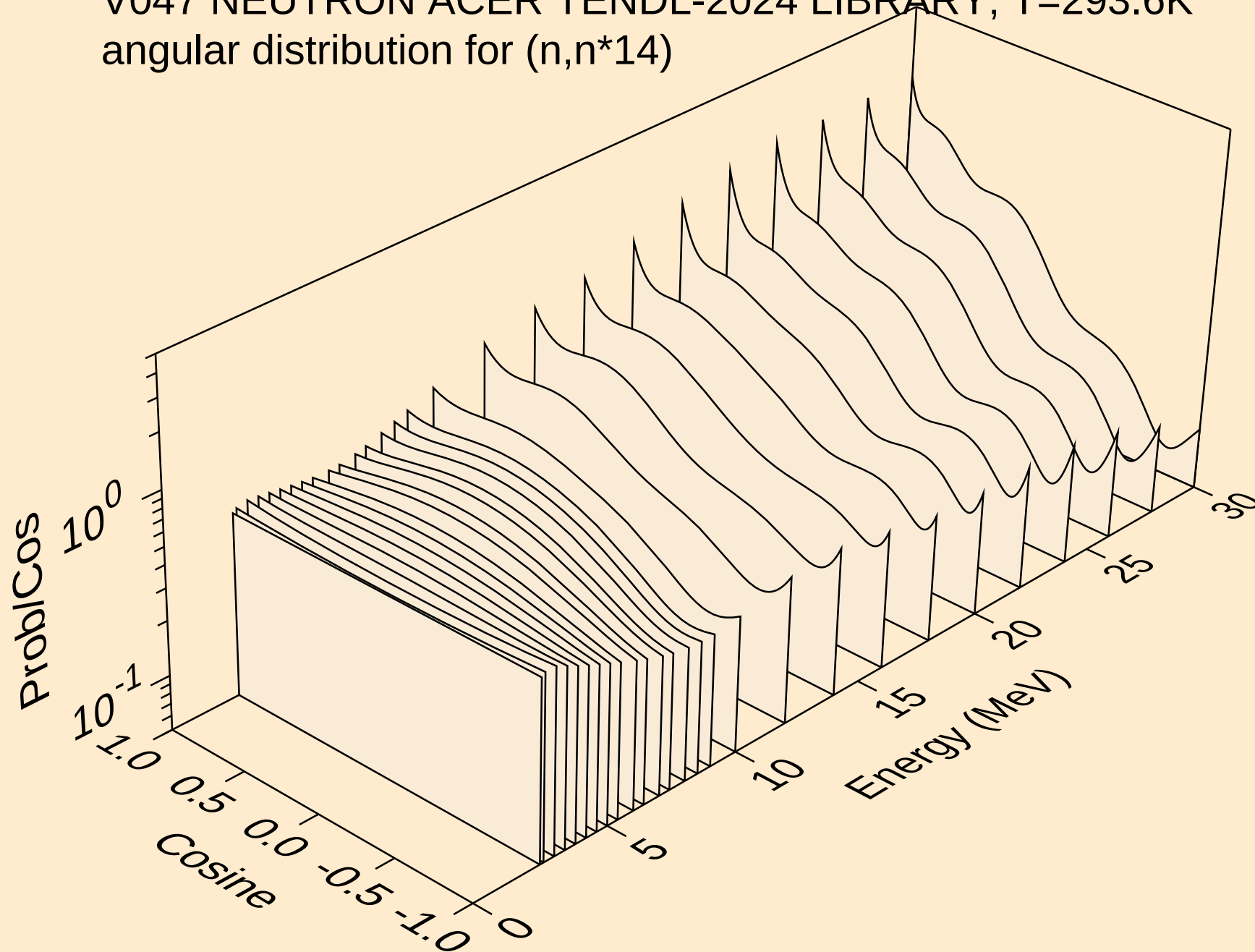
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angular distribution for (n,n\*12)



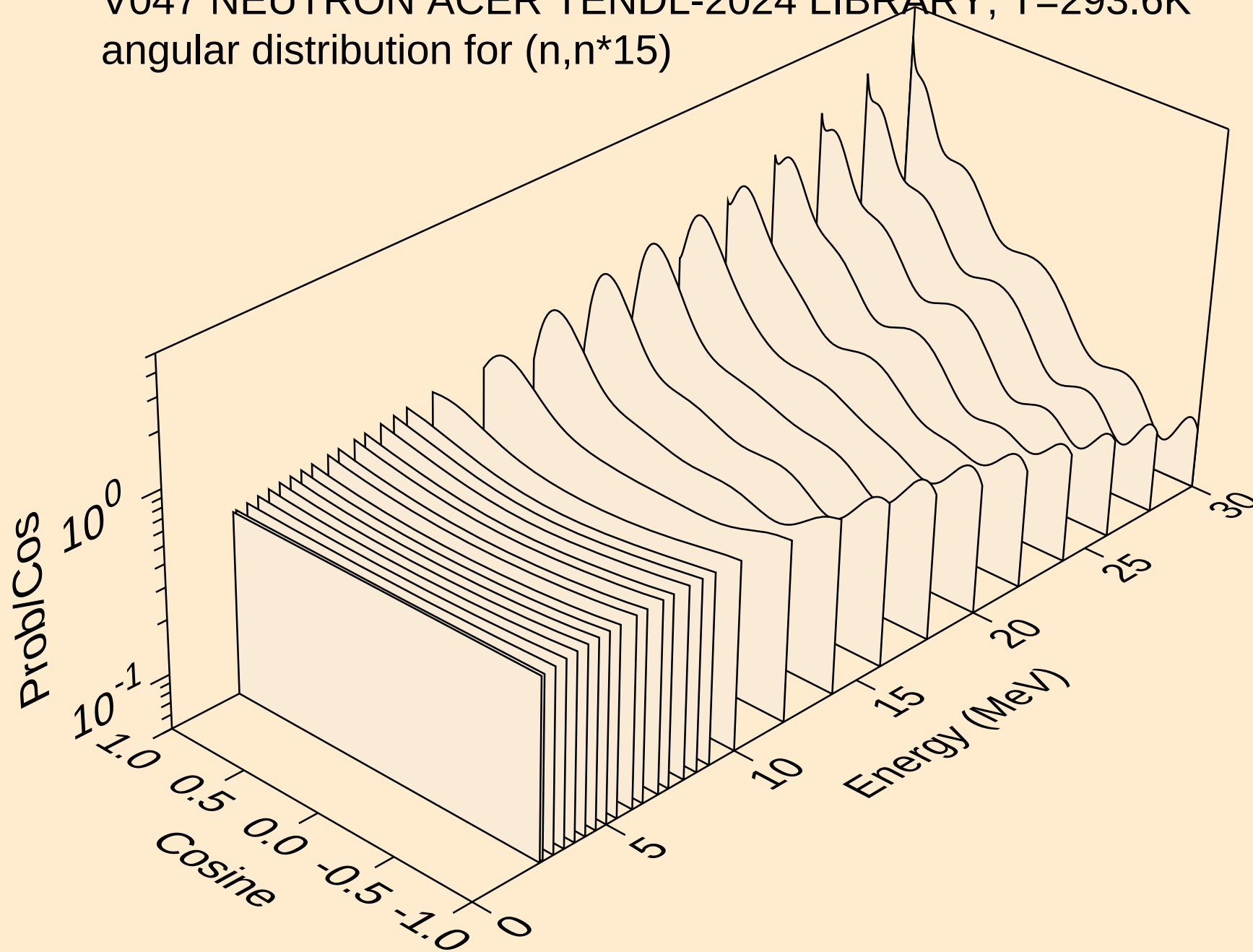
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angular distribution for (n,n\*13)



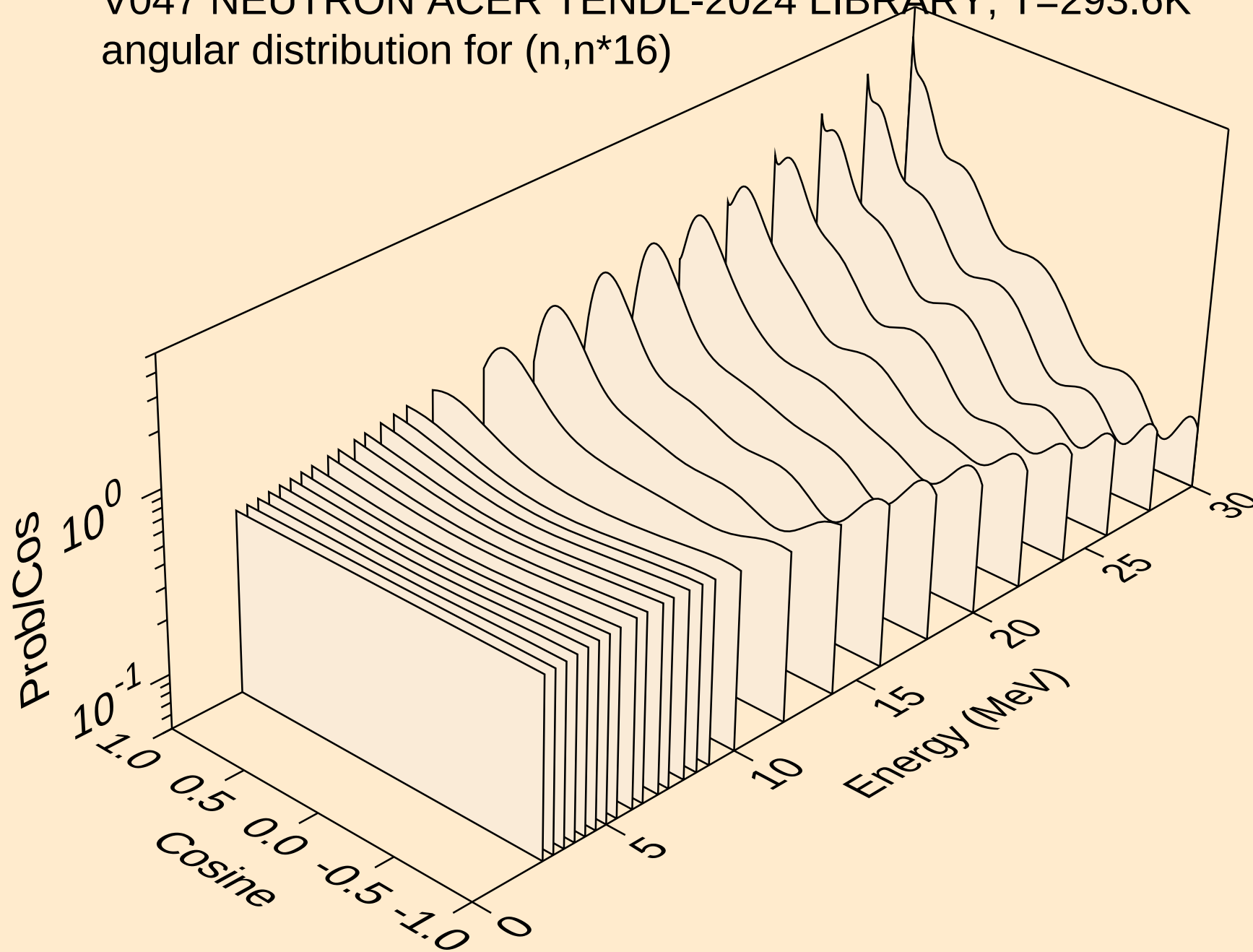
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angular distribution for (n,n\*14)



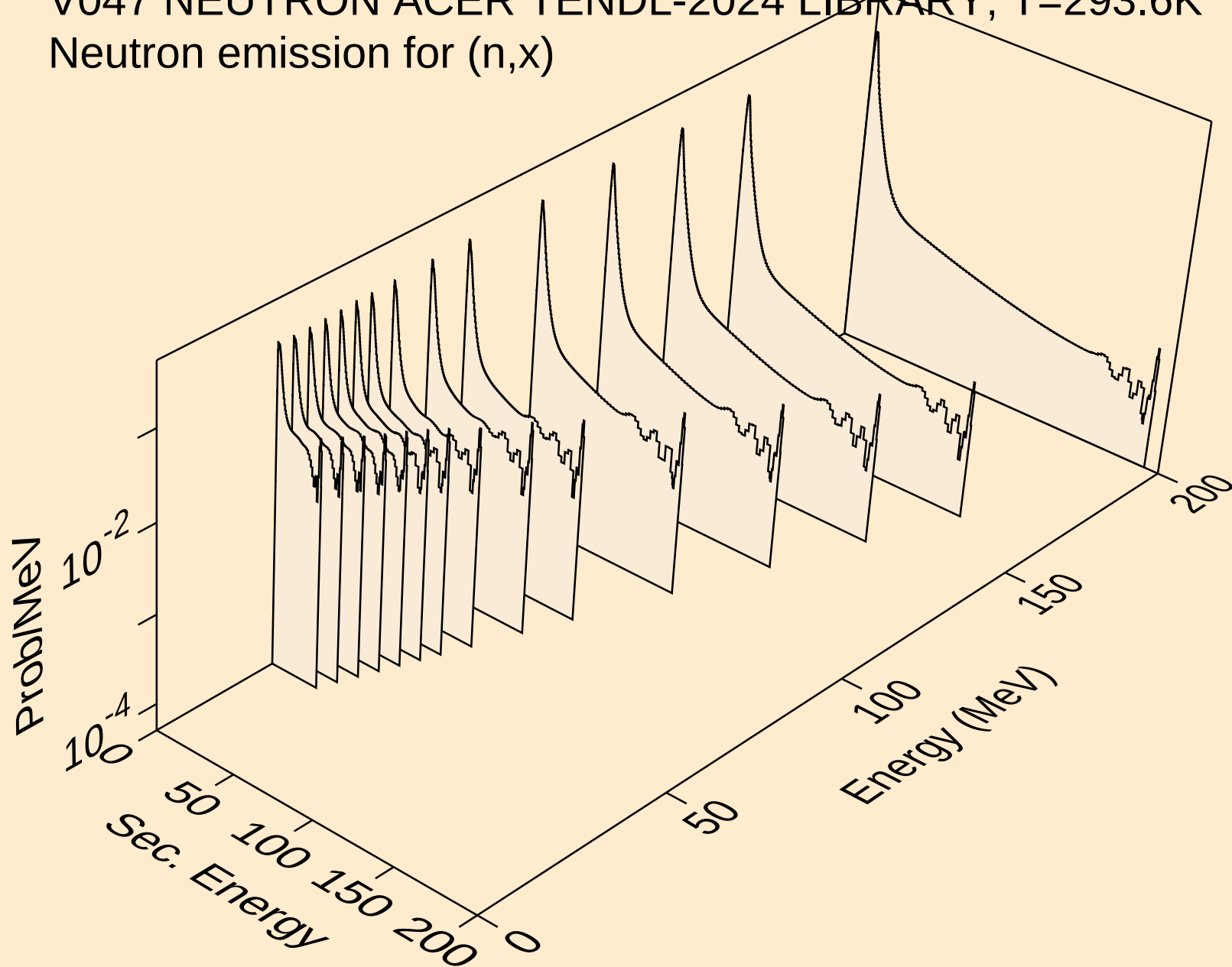
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angular distribution for (n,n\*15)



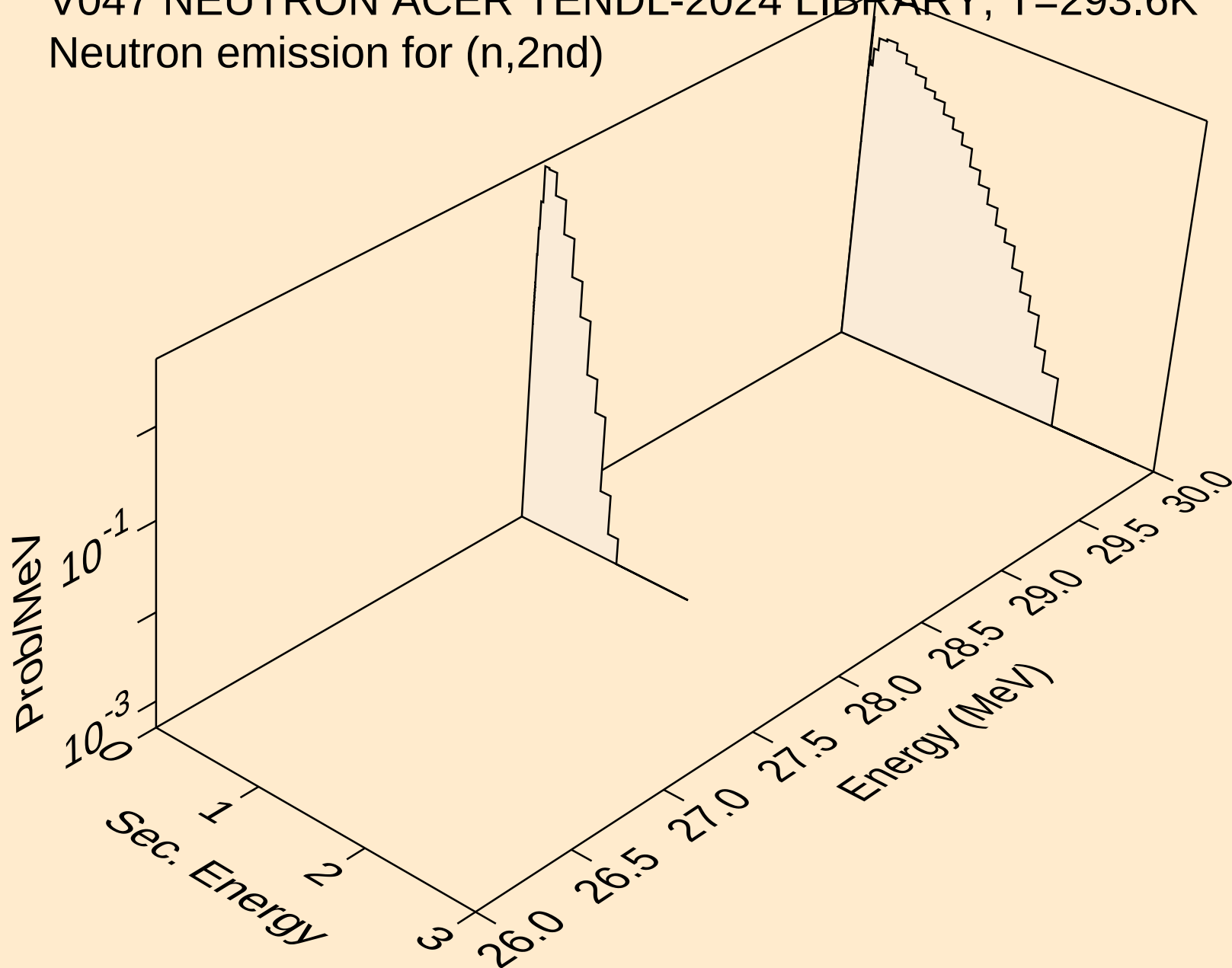
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angular distribution for (n,n\*16)



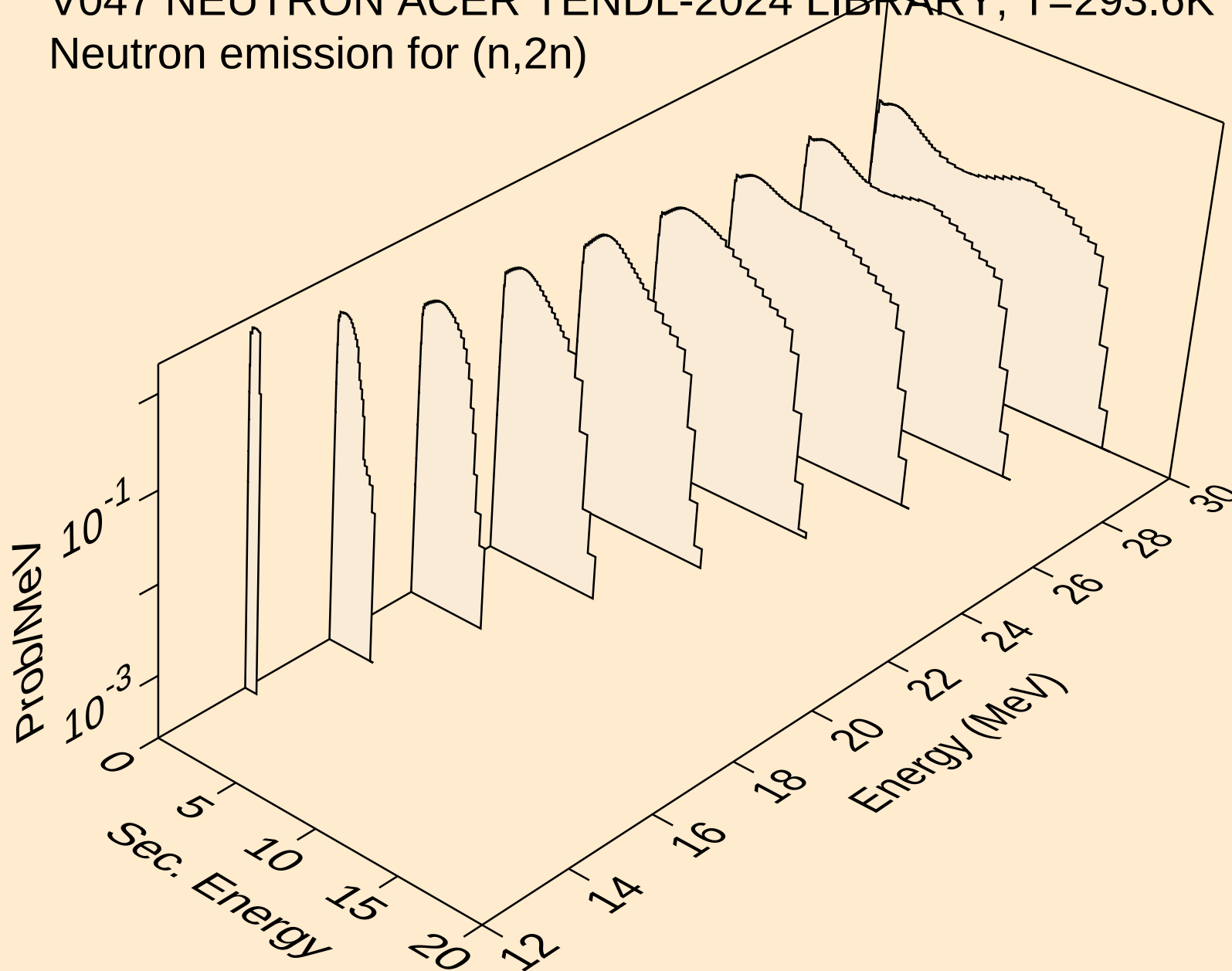
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



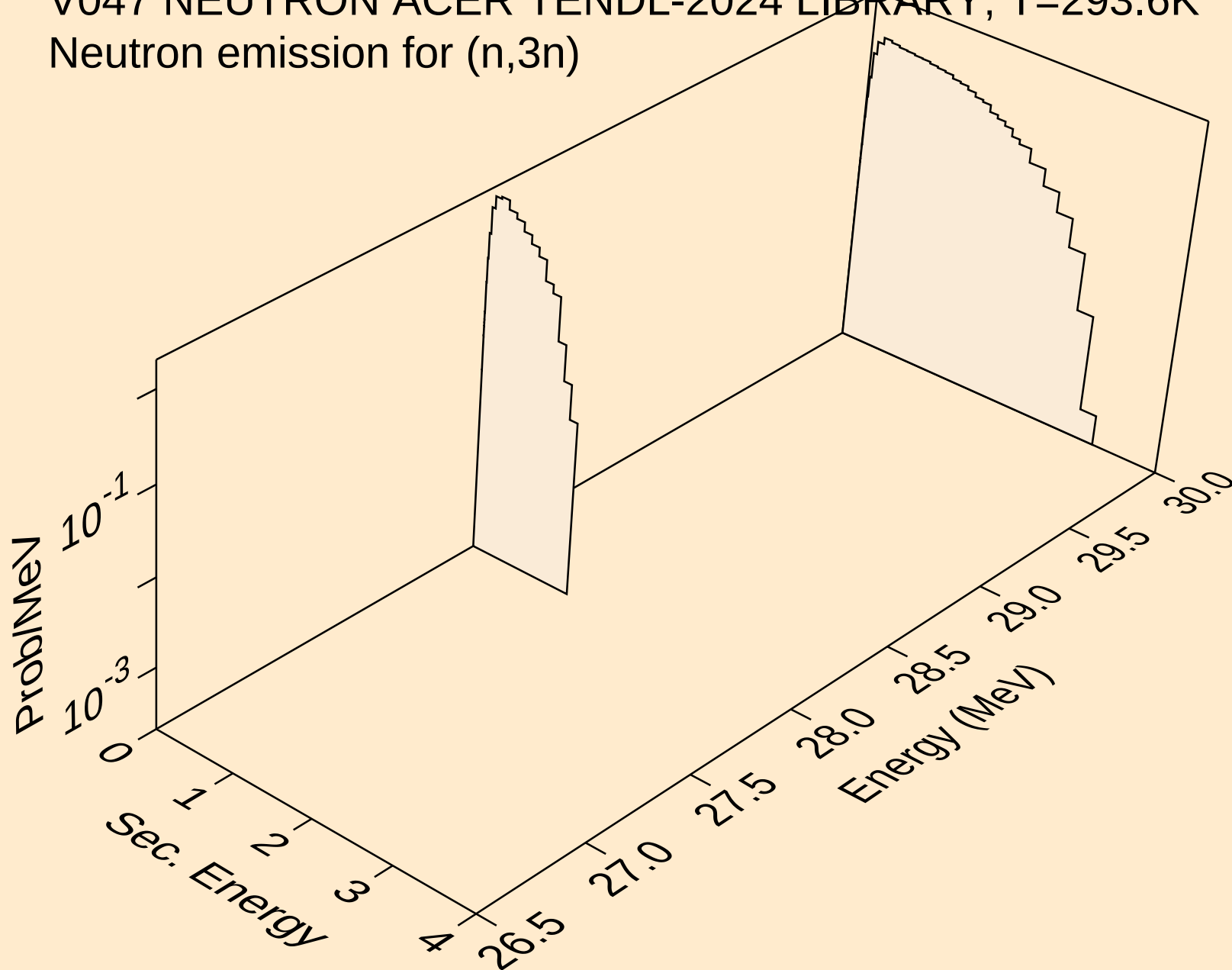
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



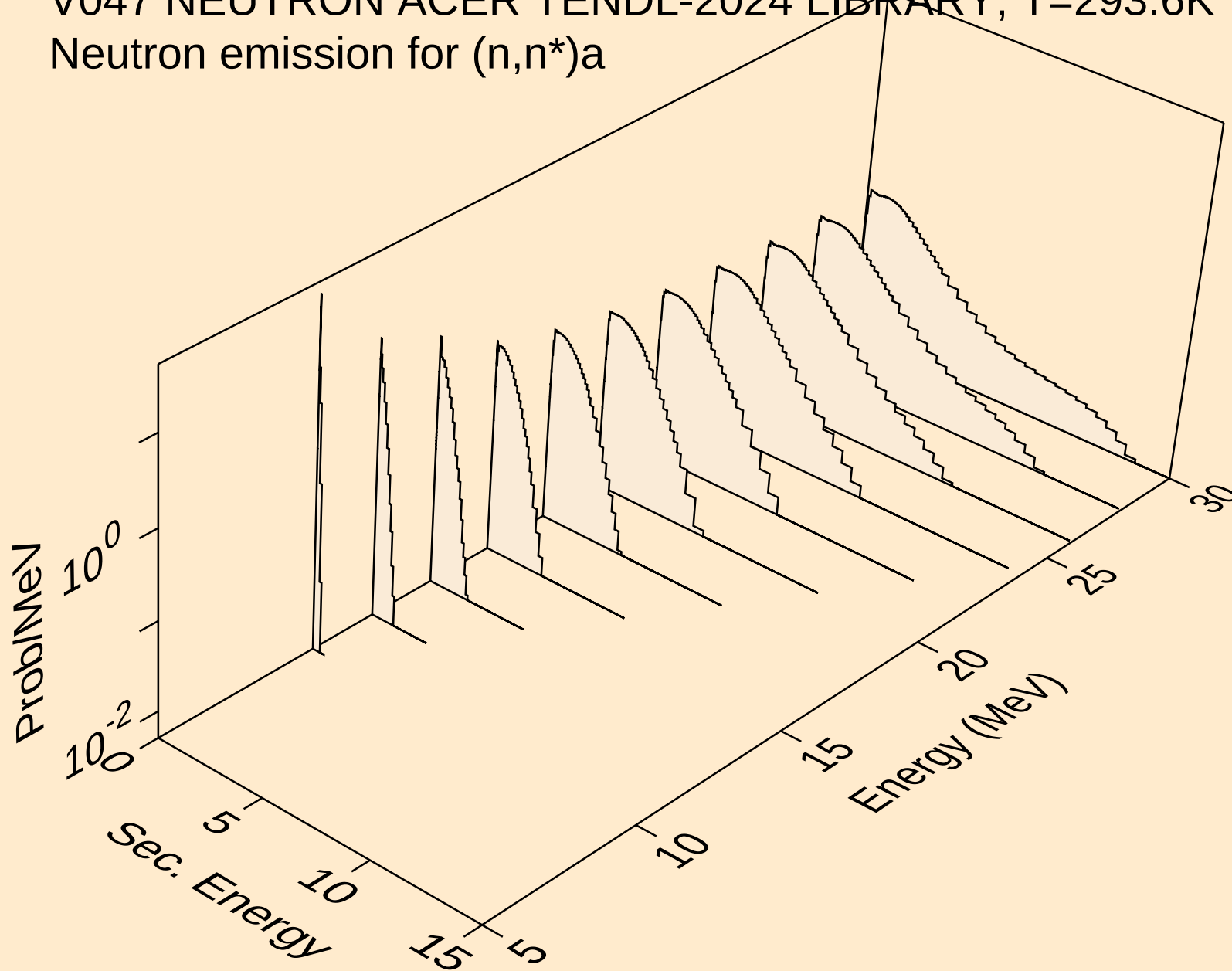
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



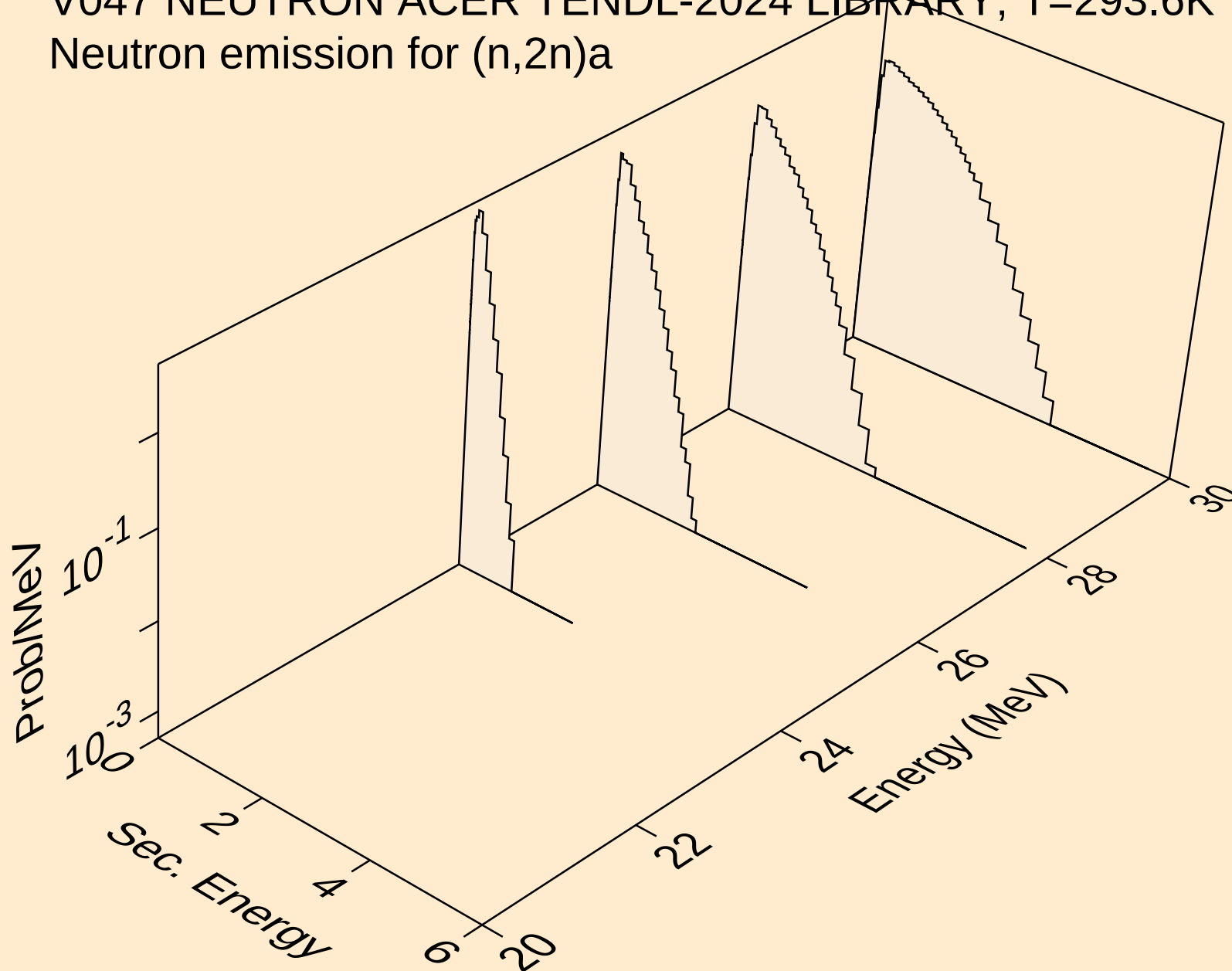
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



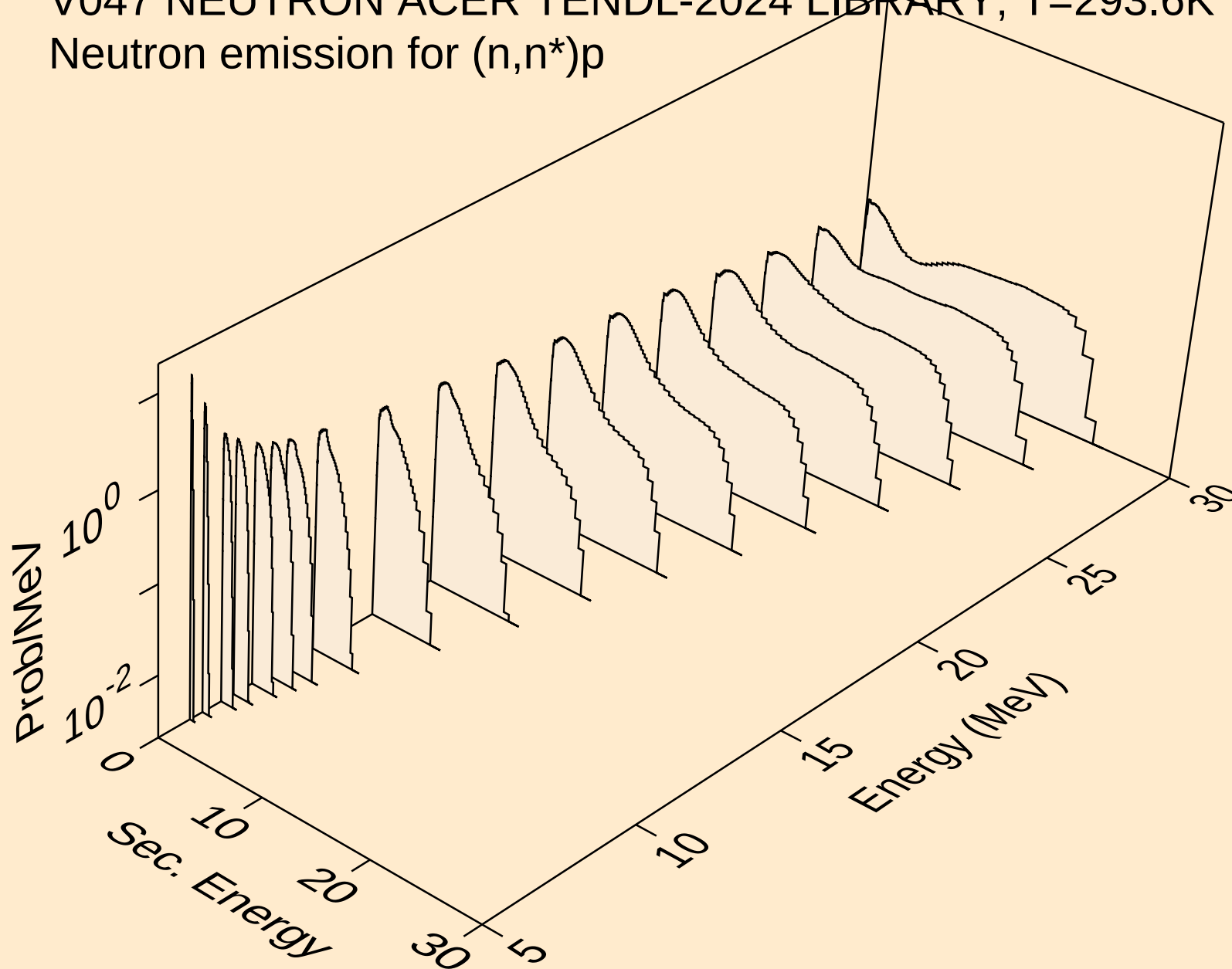
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



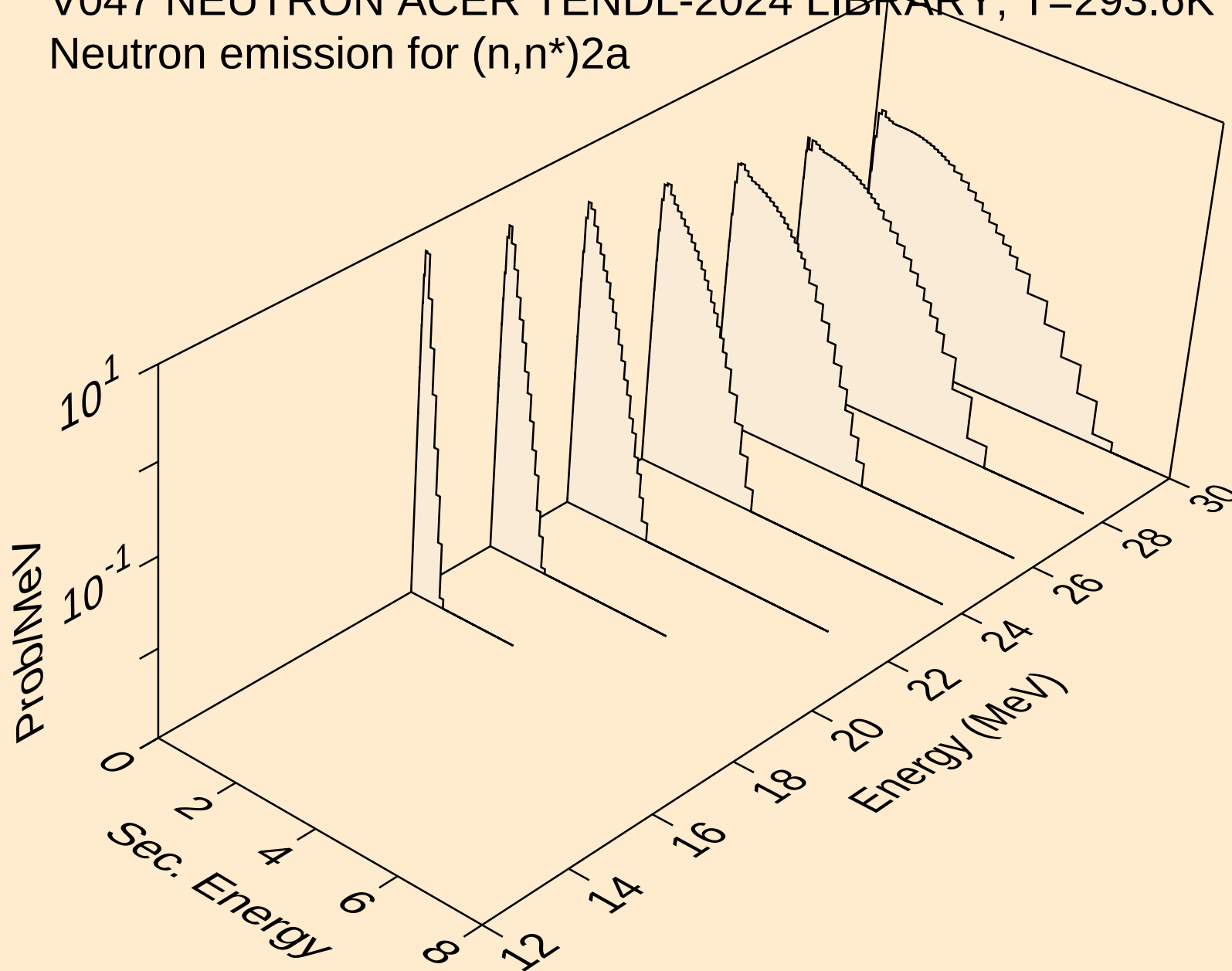
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



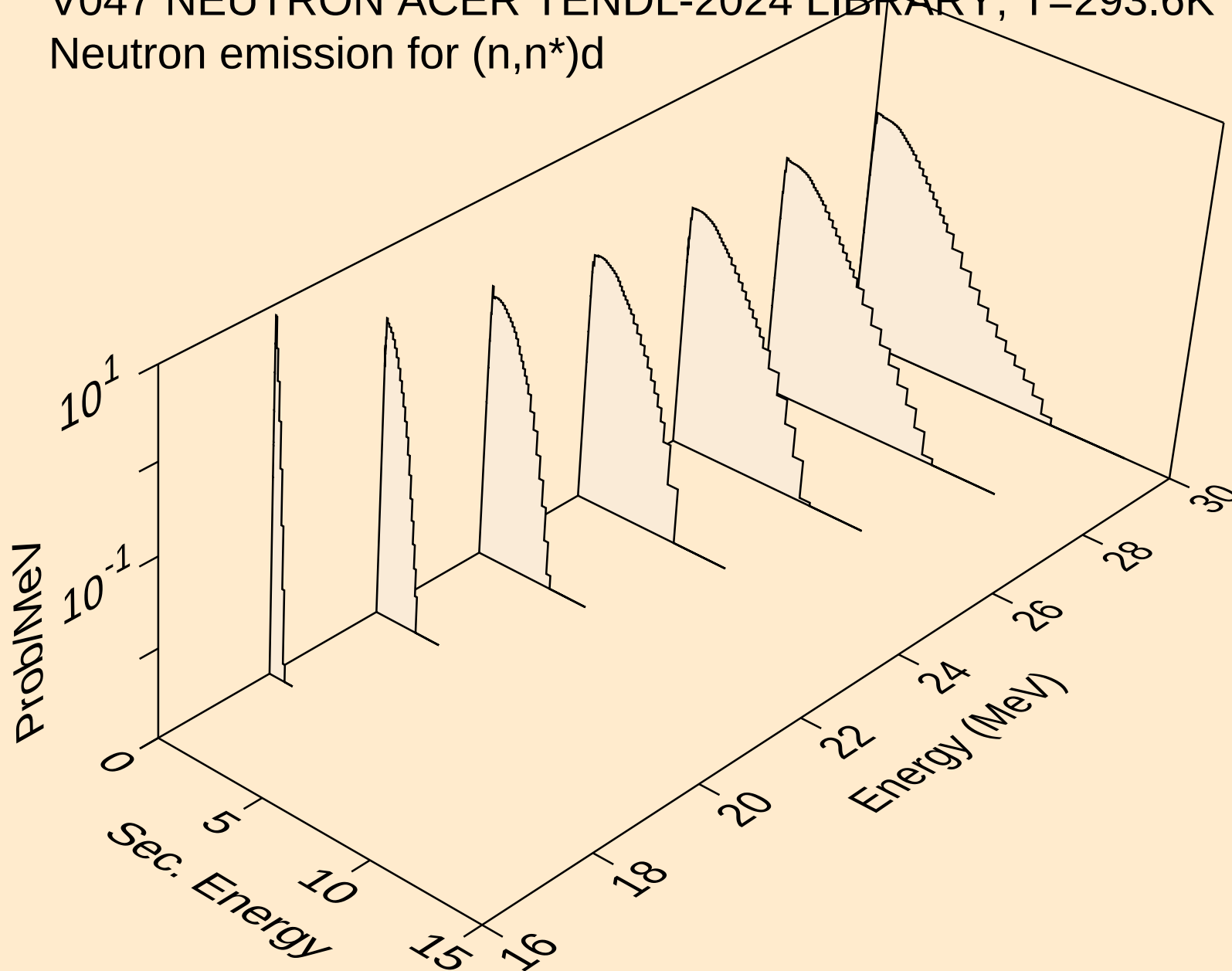
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



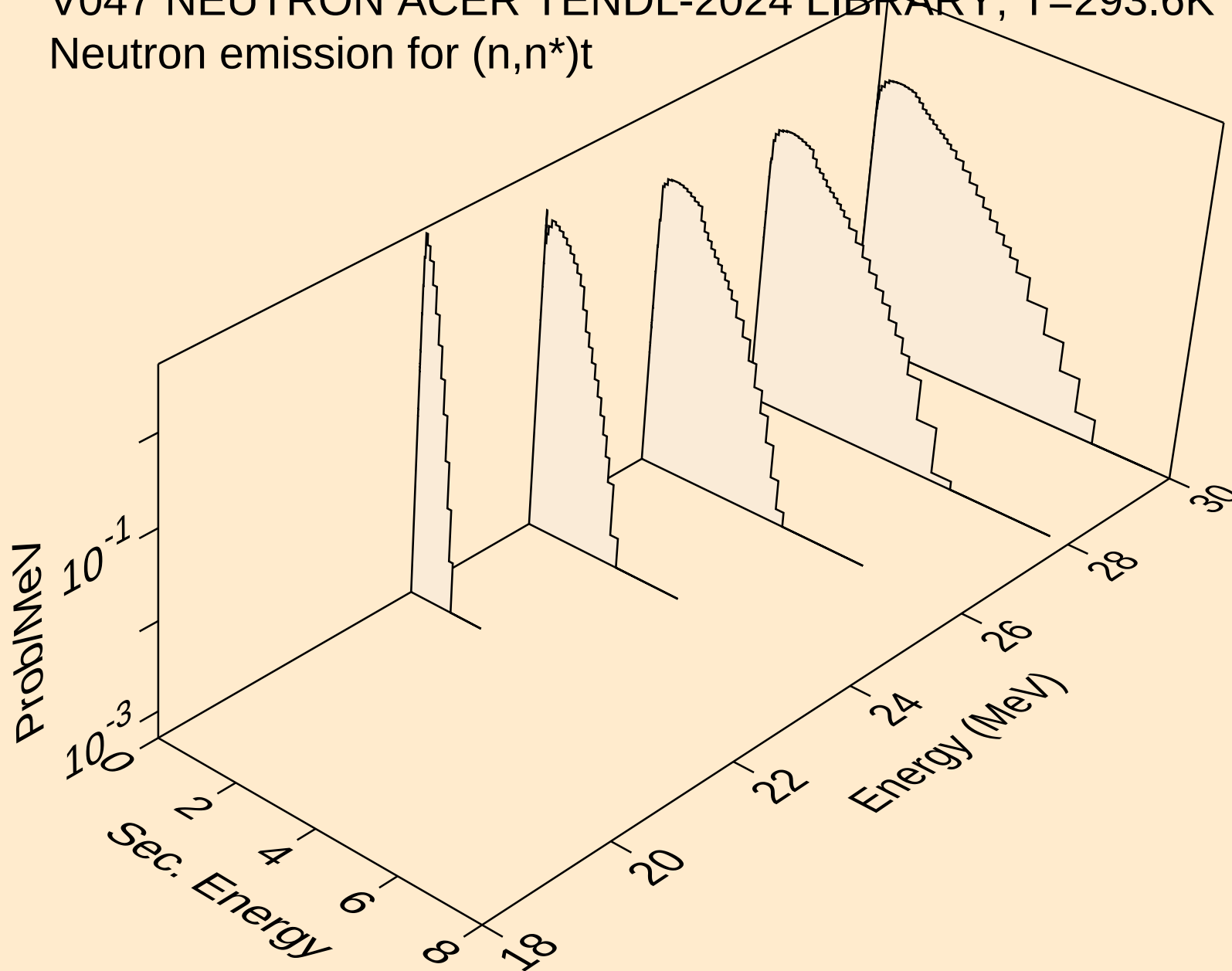
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



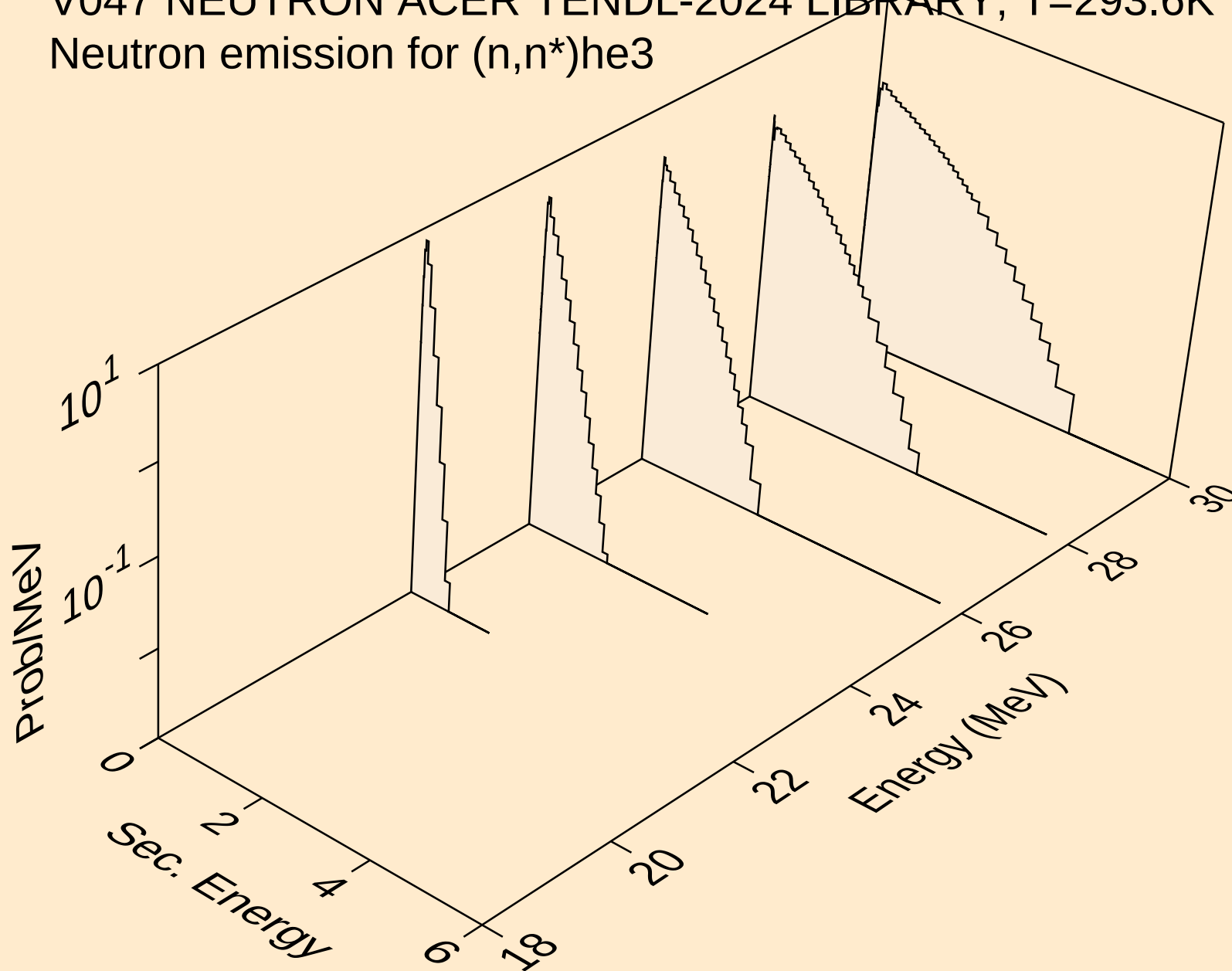
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



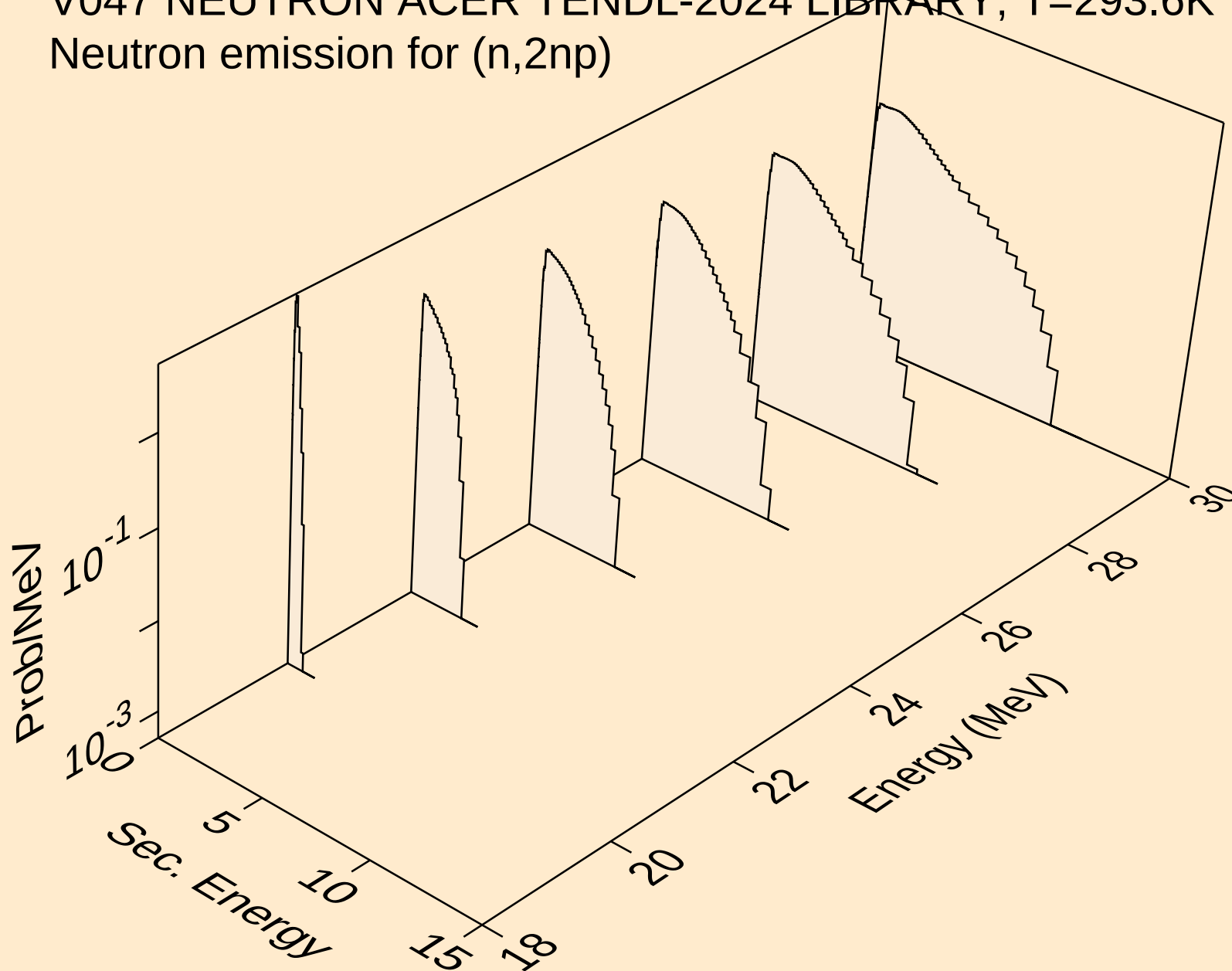
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



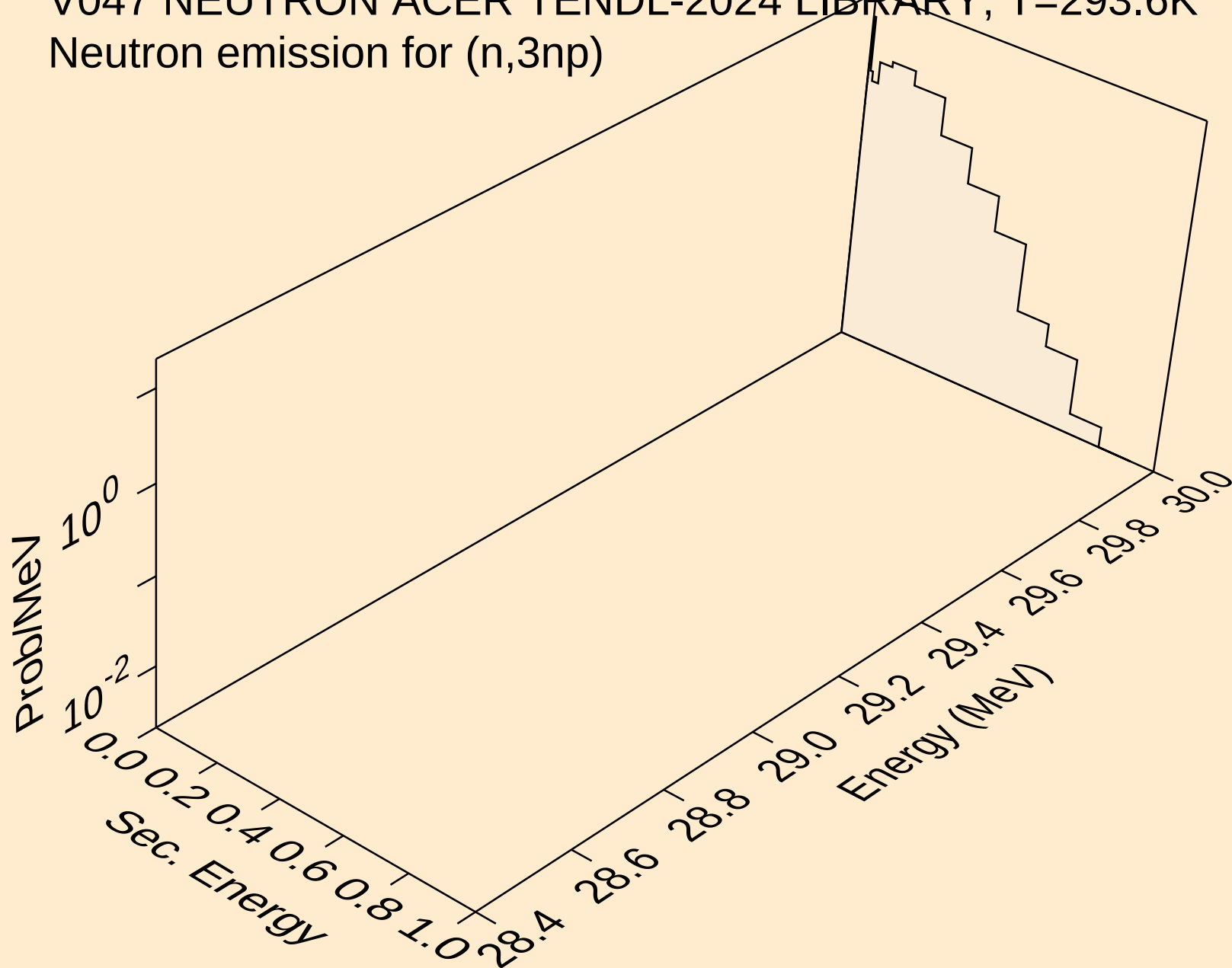
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



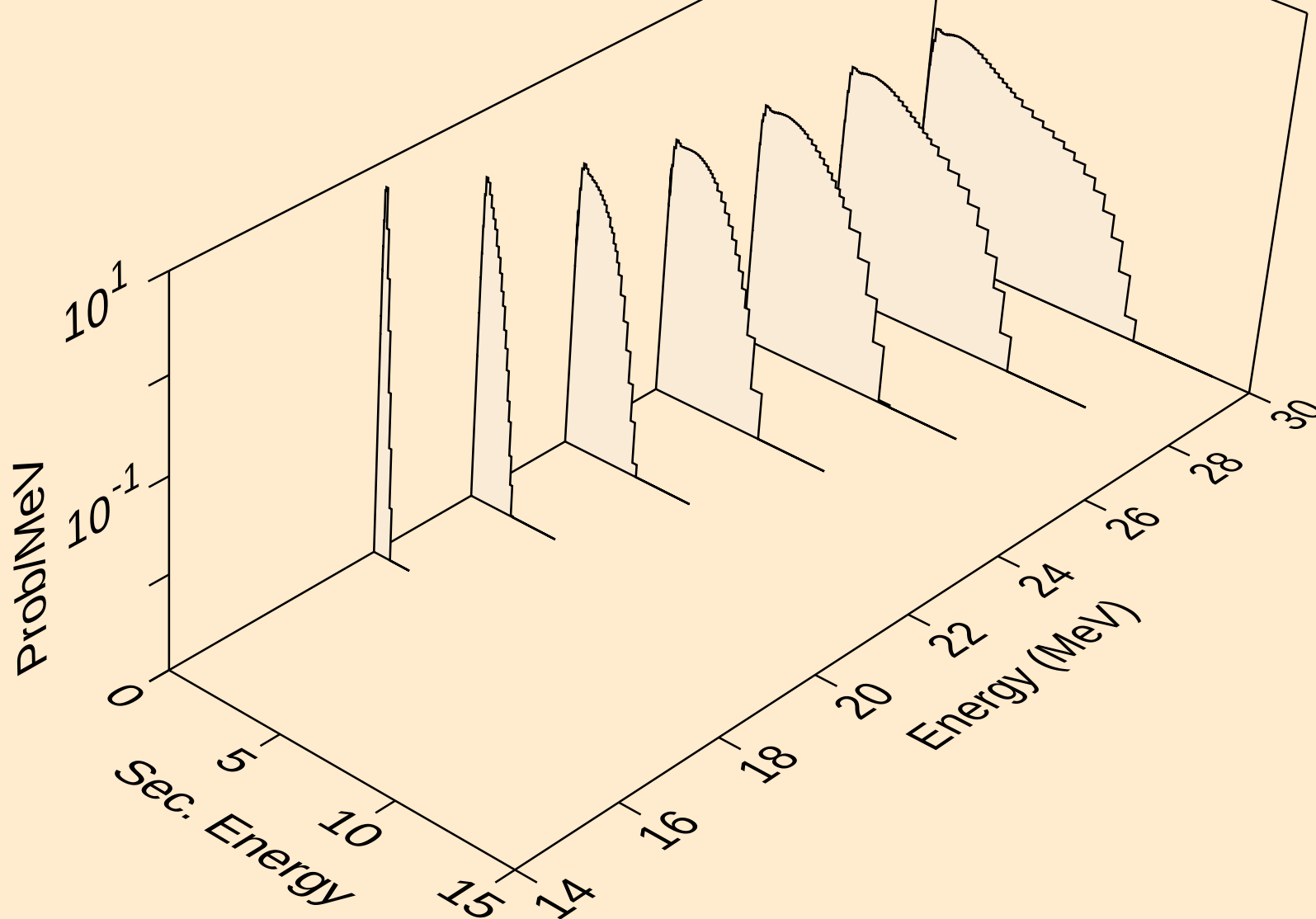
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



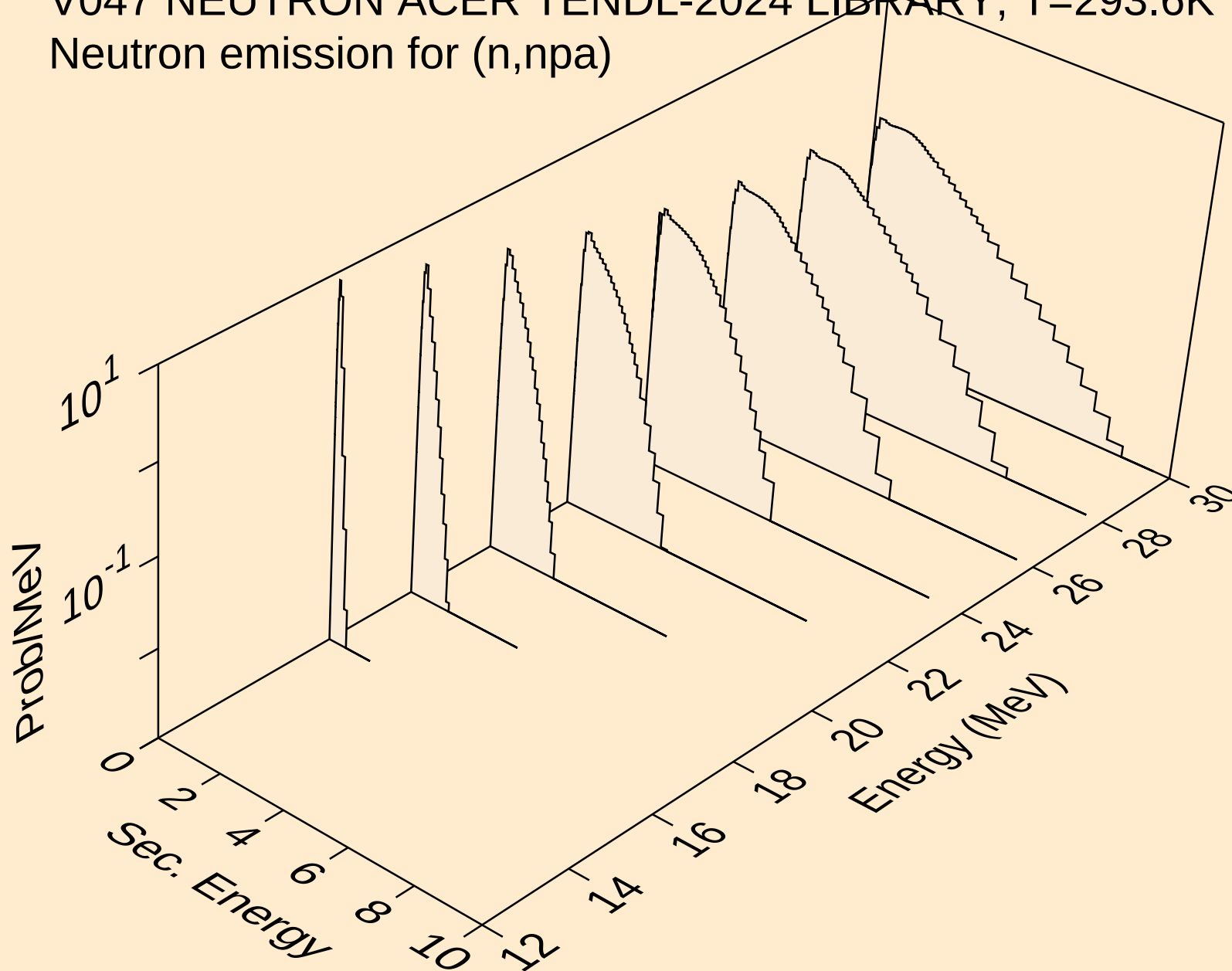
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Neutron emission for (n,3np)



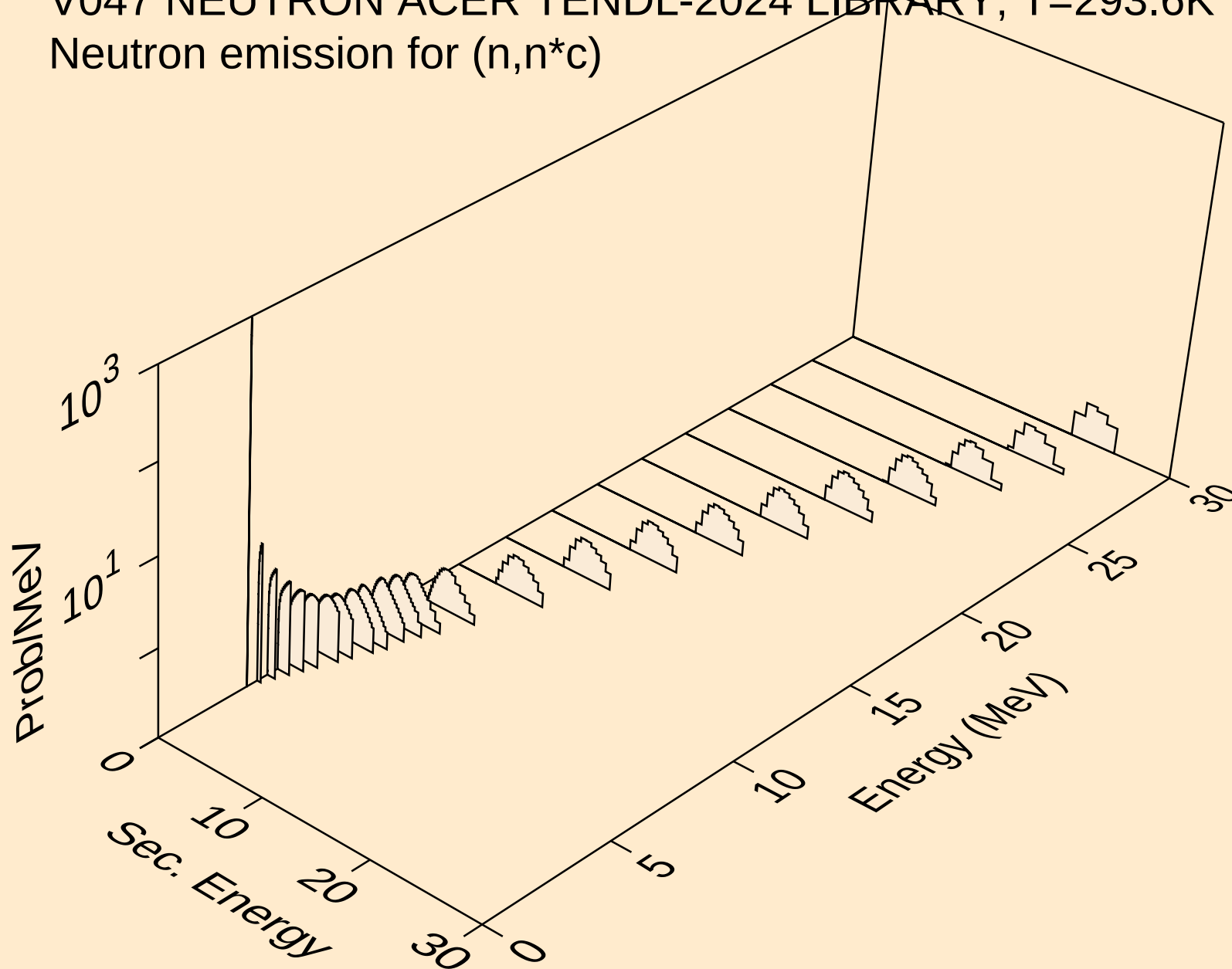
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n2p)



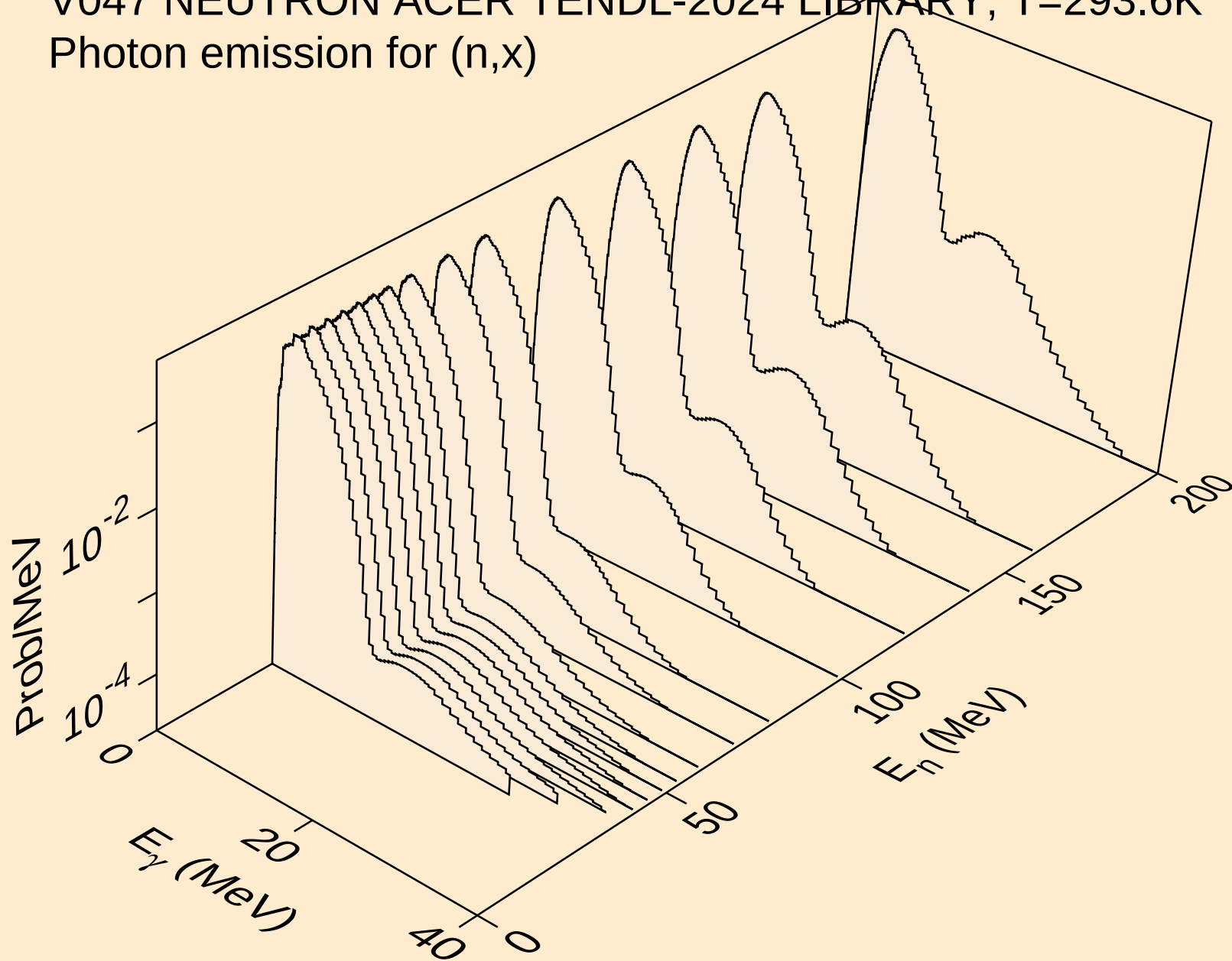
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Neutron emission for (n,npa)



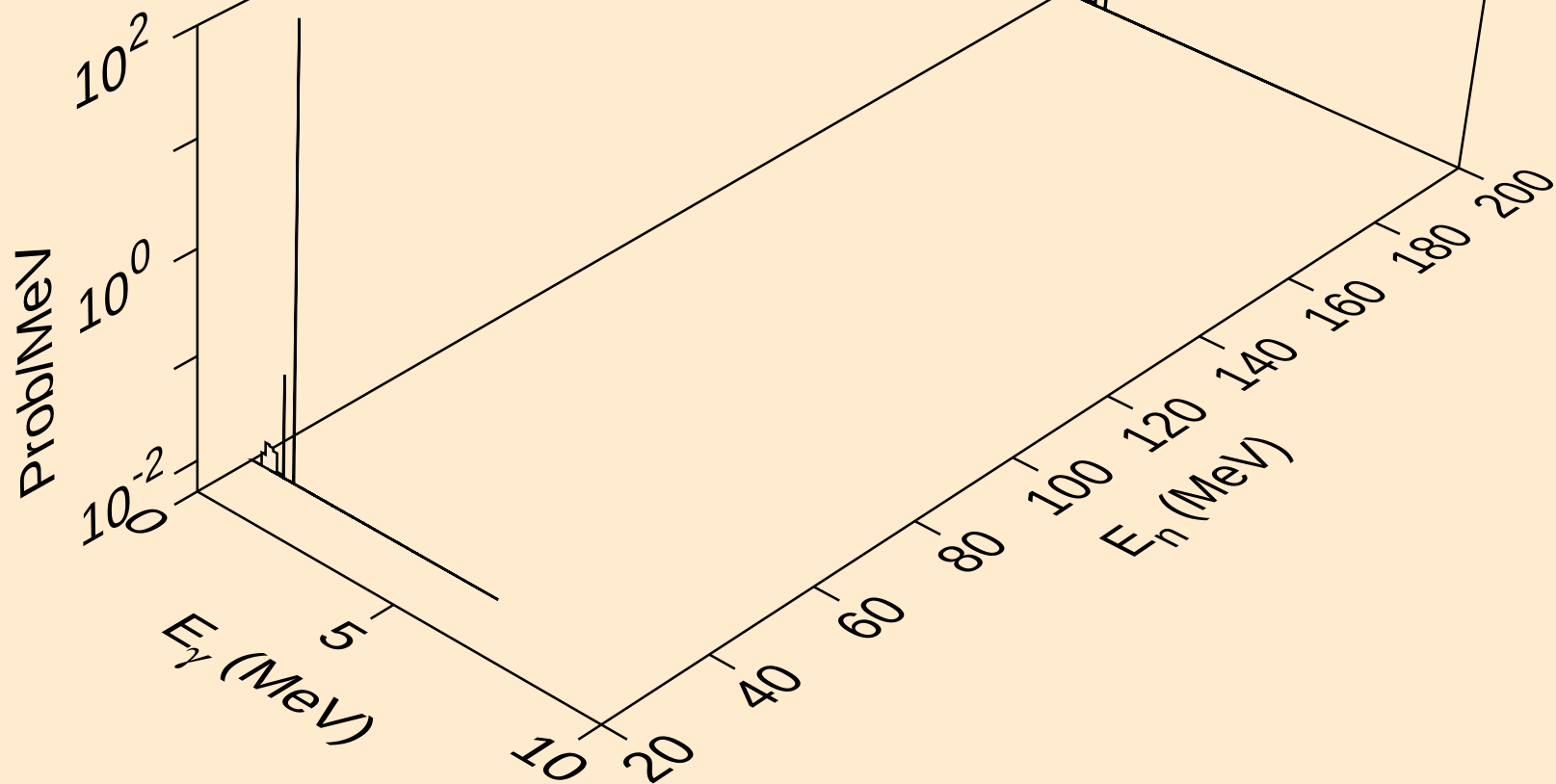
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Neutron emission for (n,n\*c)



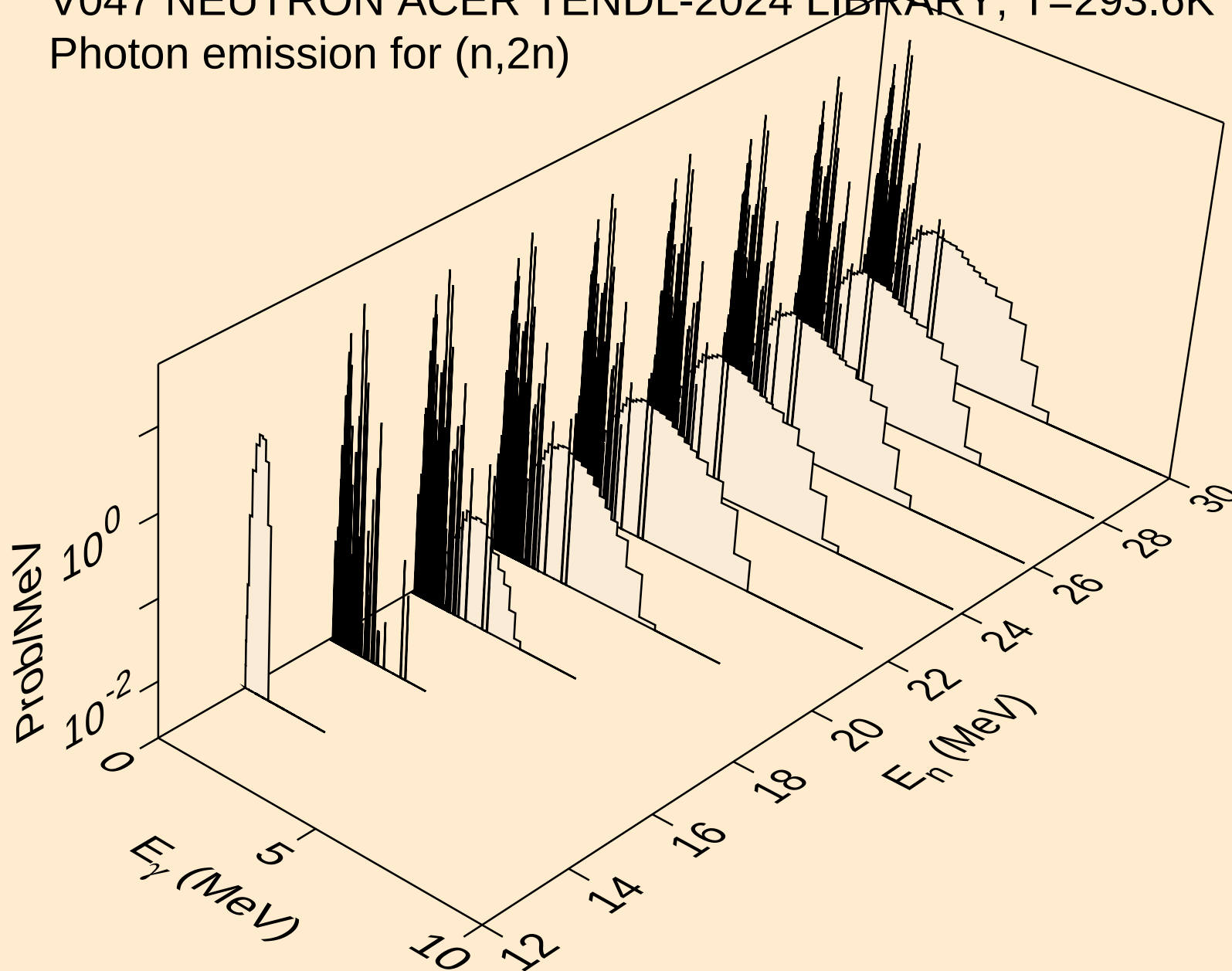
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



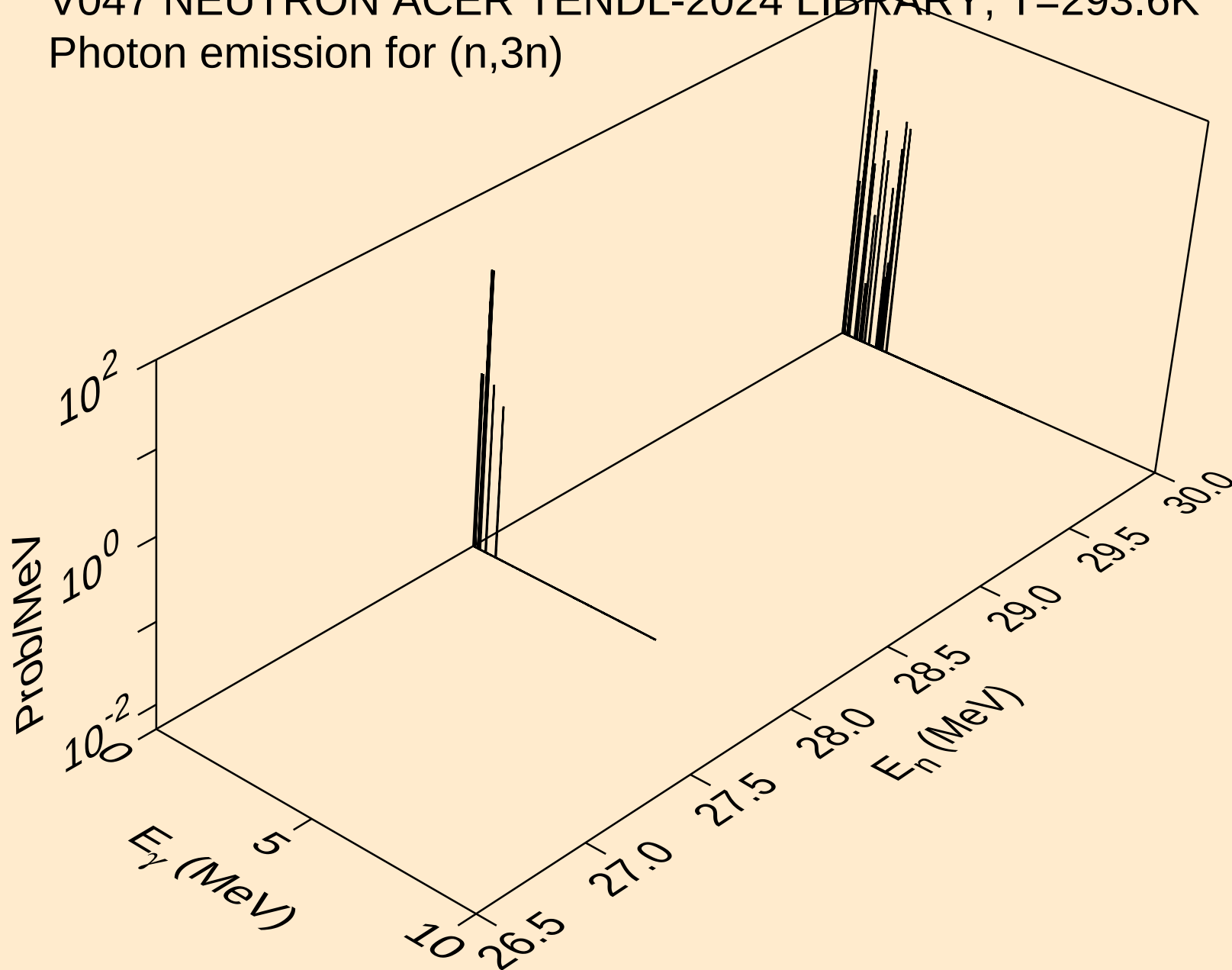
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



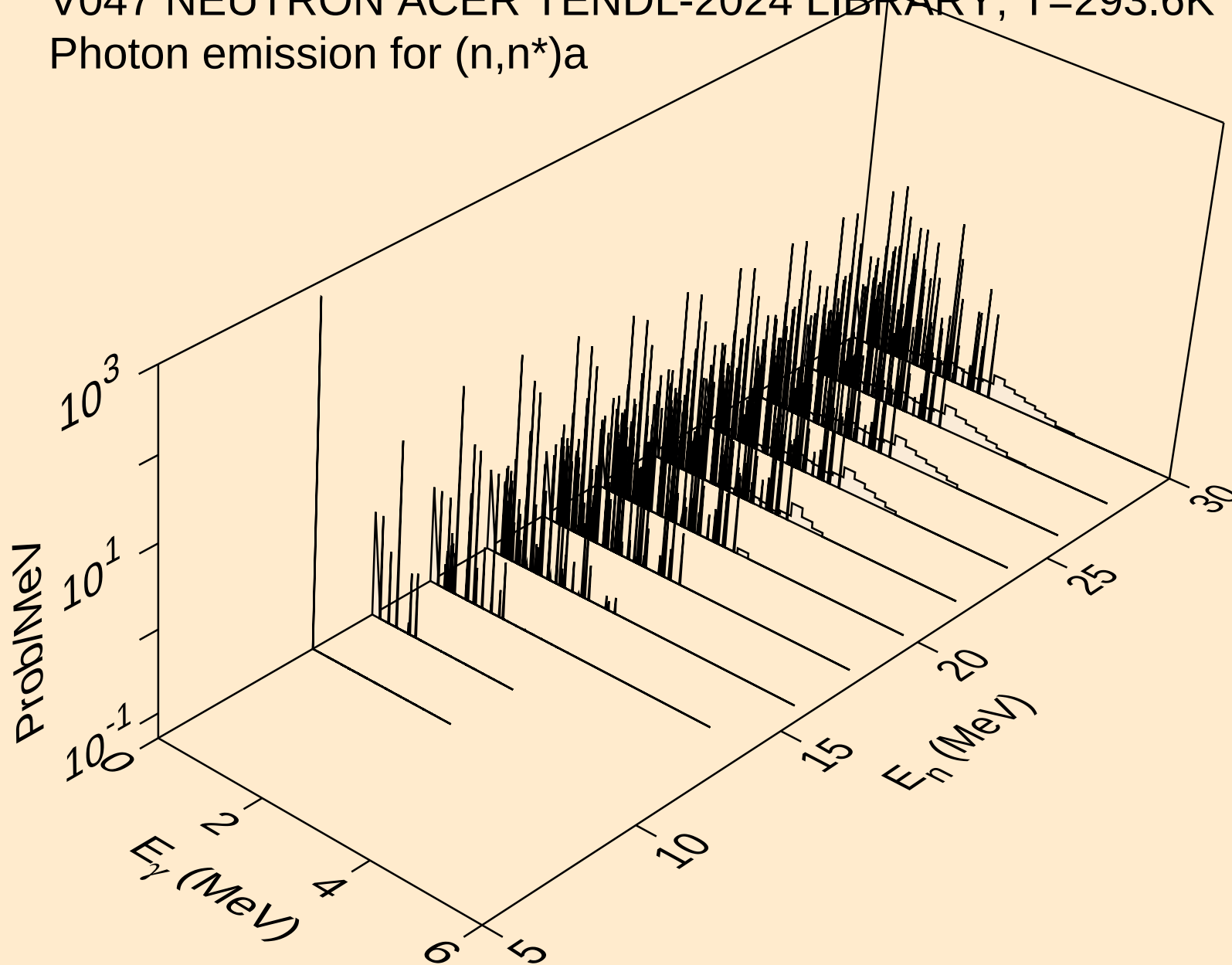
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)



V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)

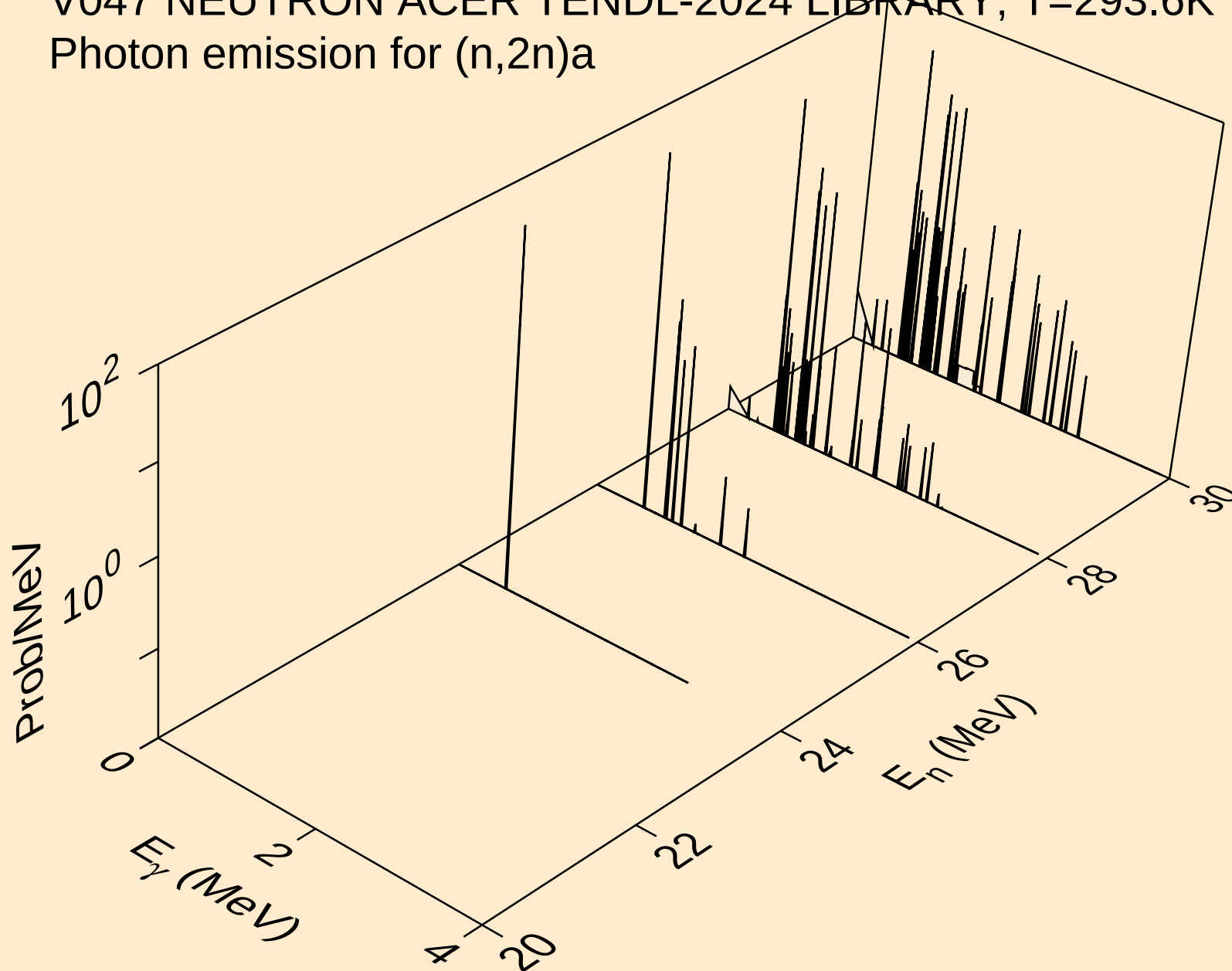


V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a

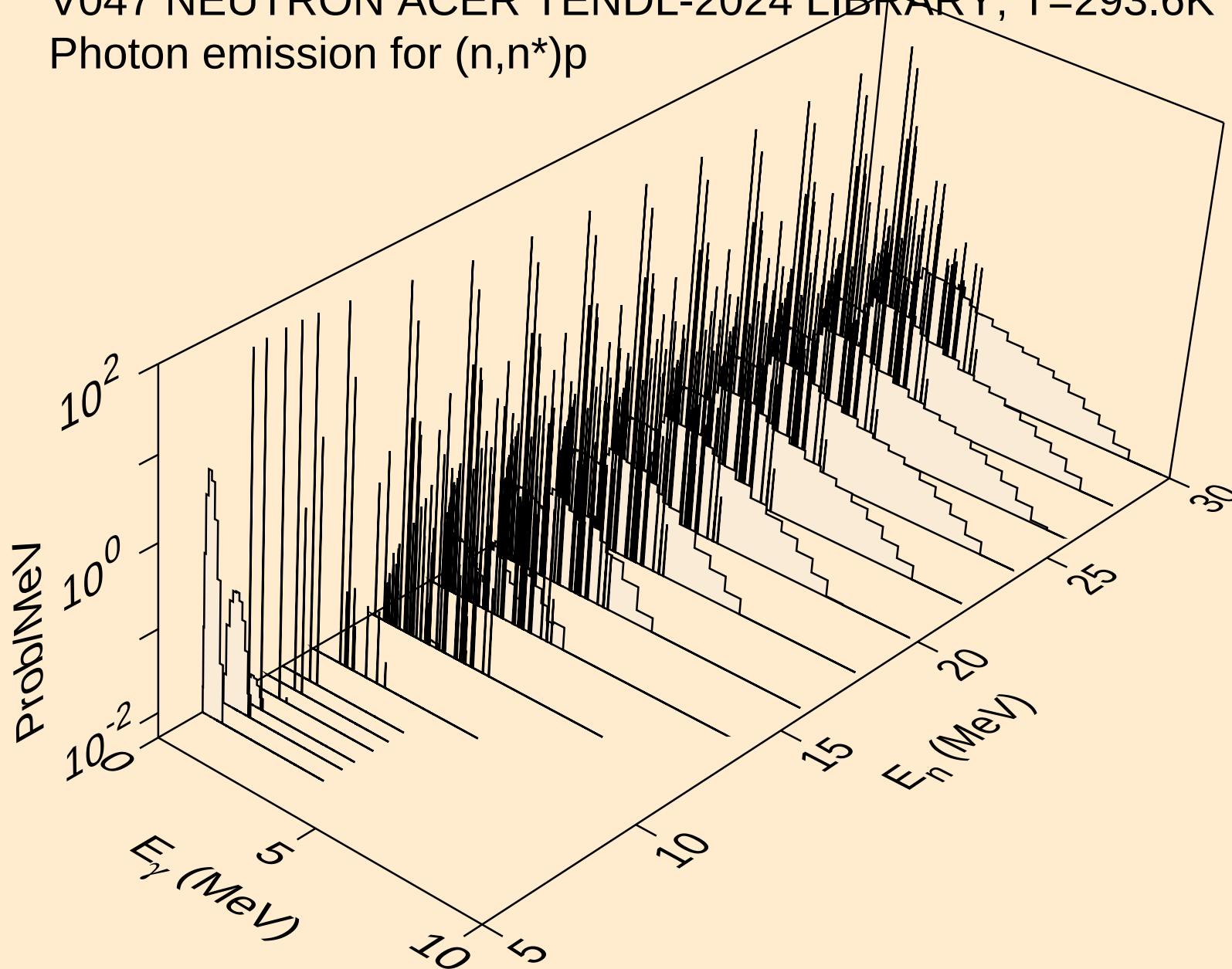


V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

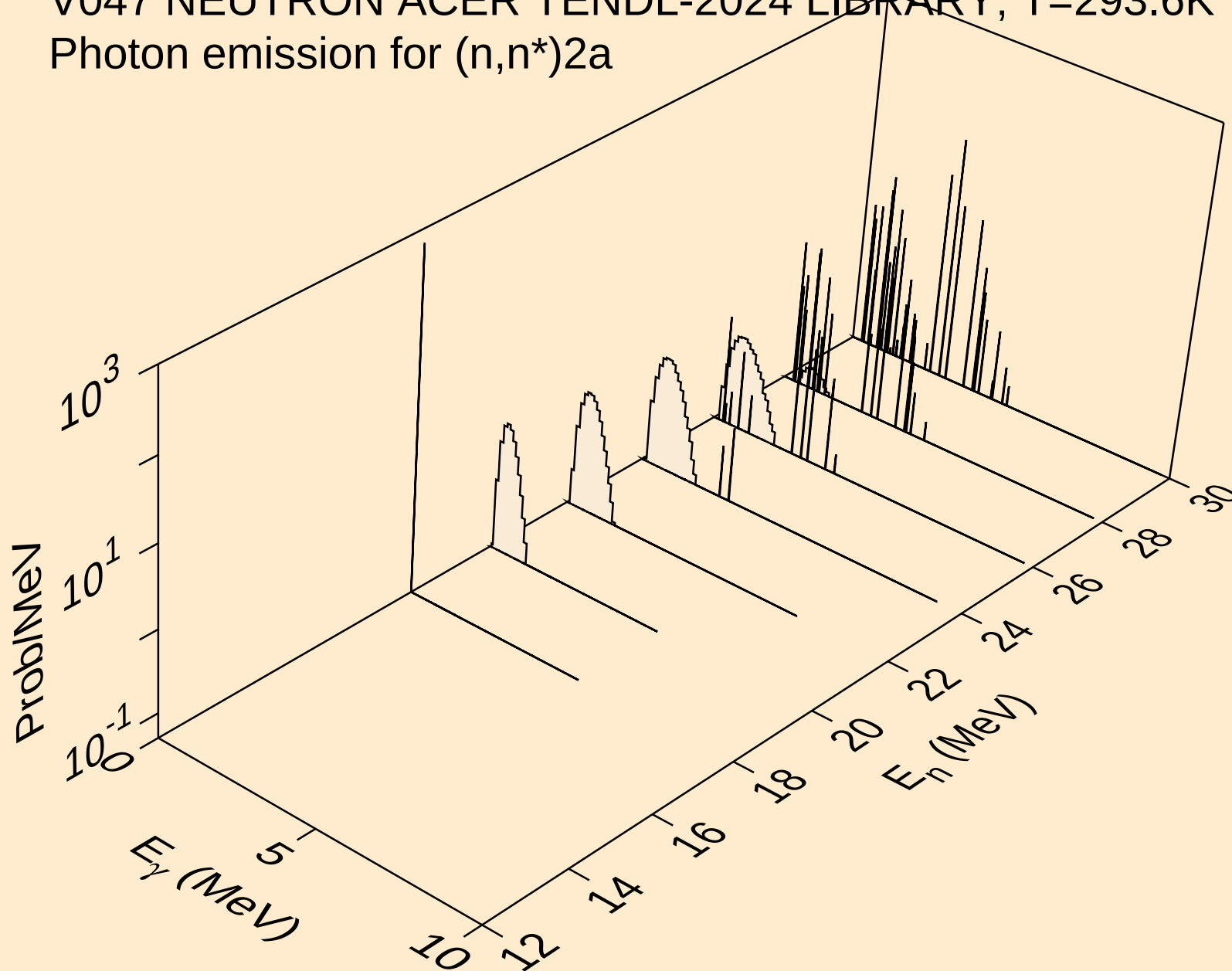
Photon emission for (n,2n) $\alpha$



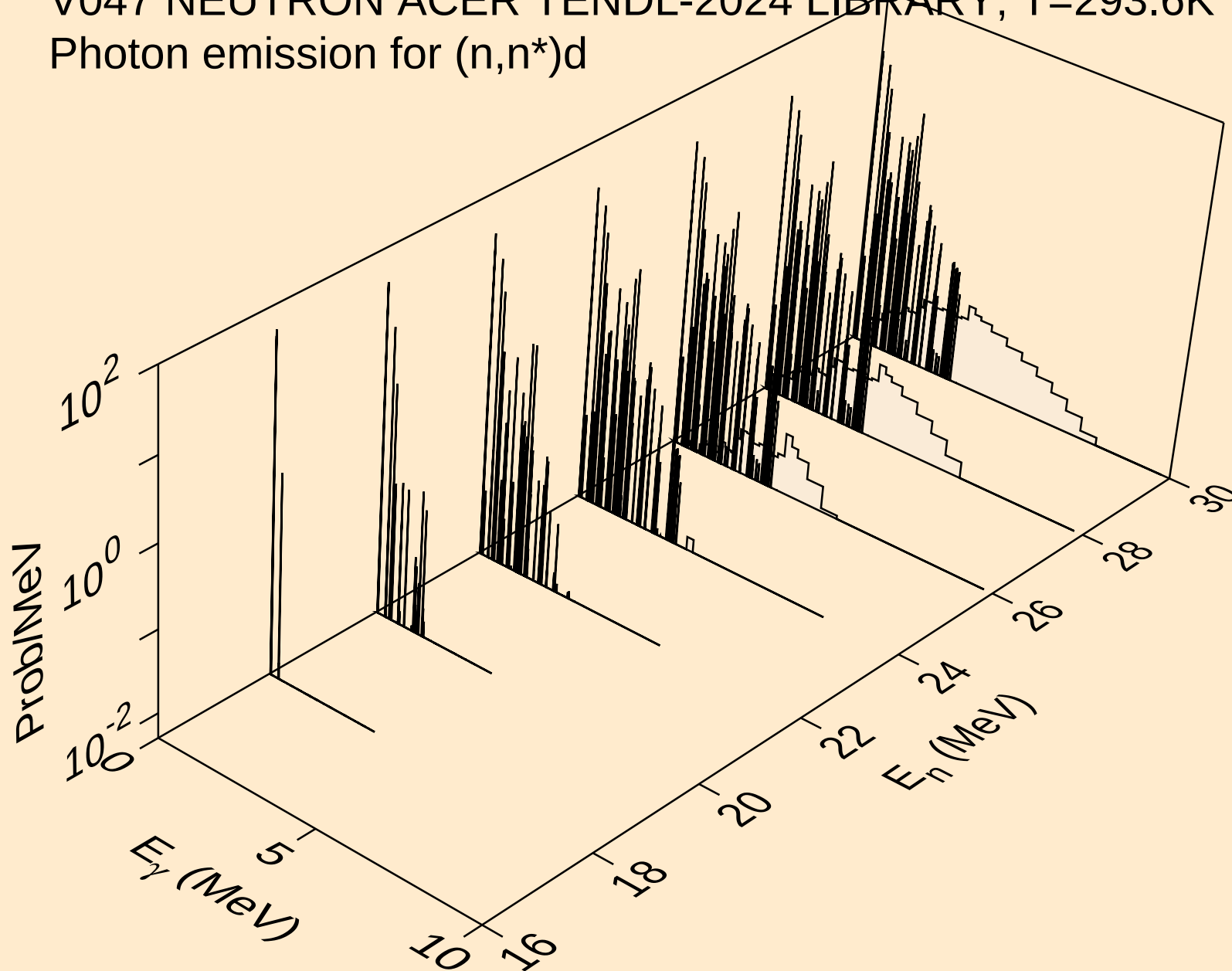
V047 NEUTRON ACER TENDL-2024 LIBRARY;  $T=293.6\text{K}$   
Photon emission for  $(n,n^*)p$



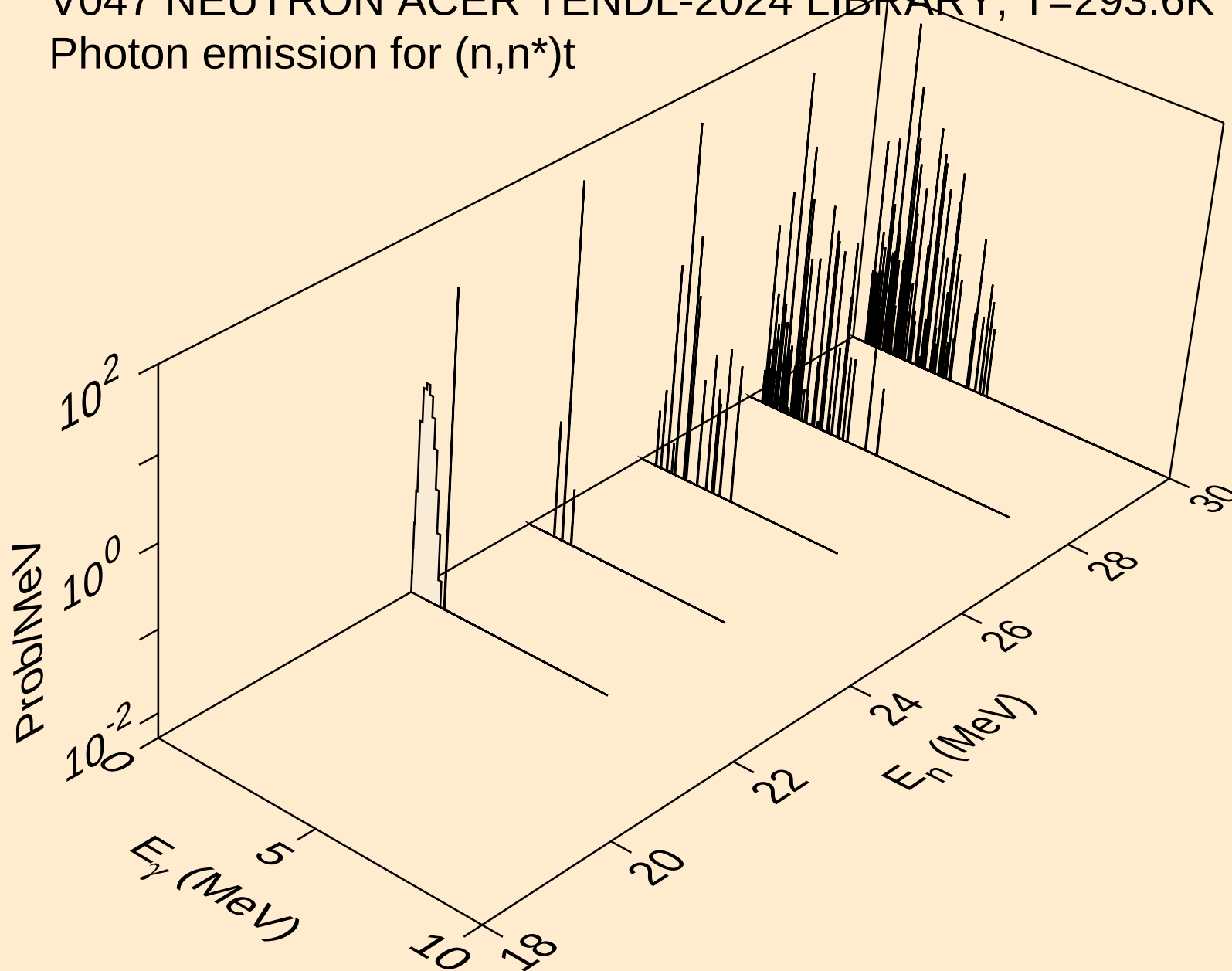
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



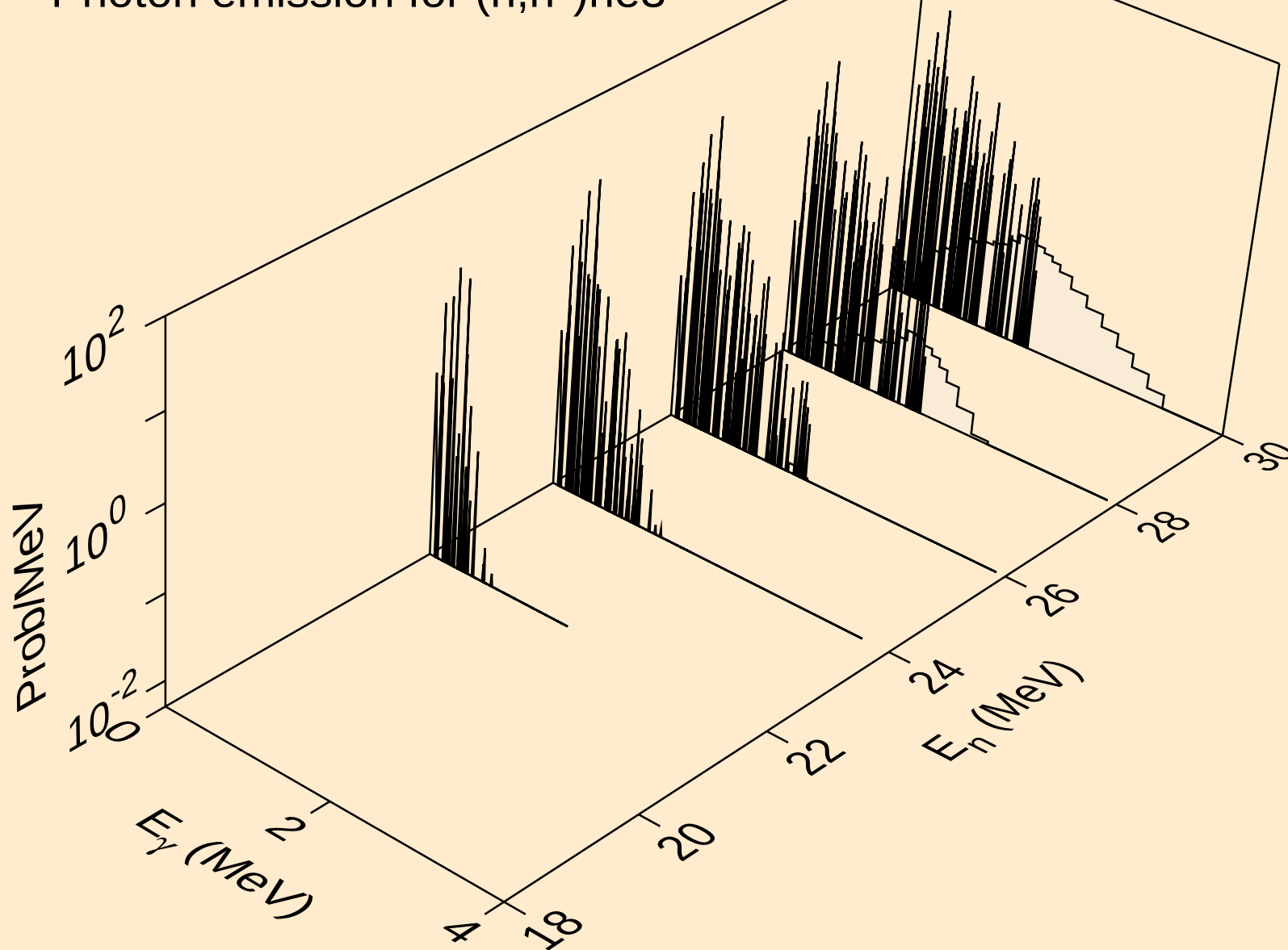
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



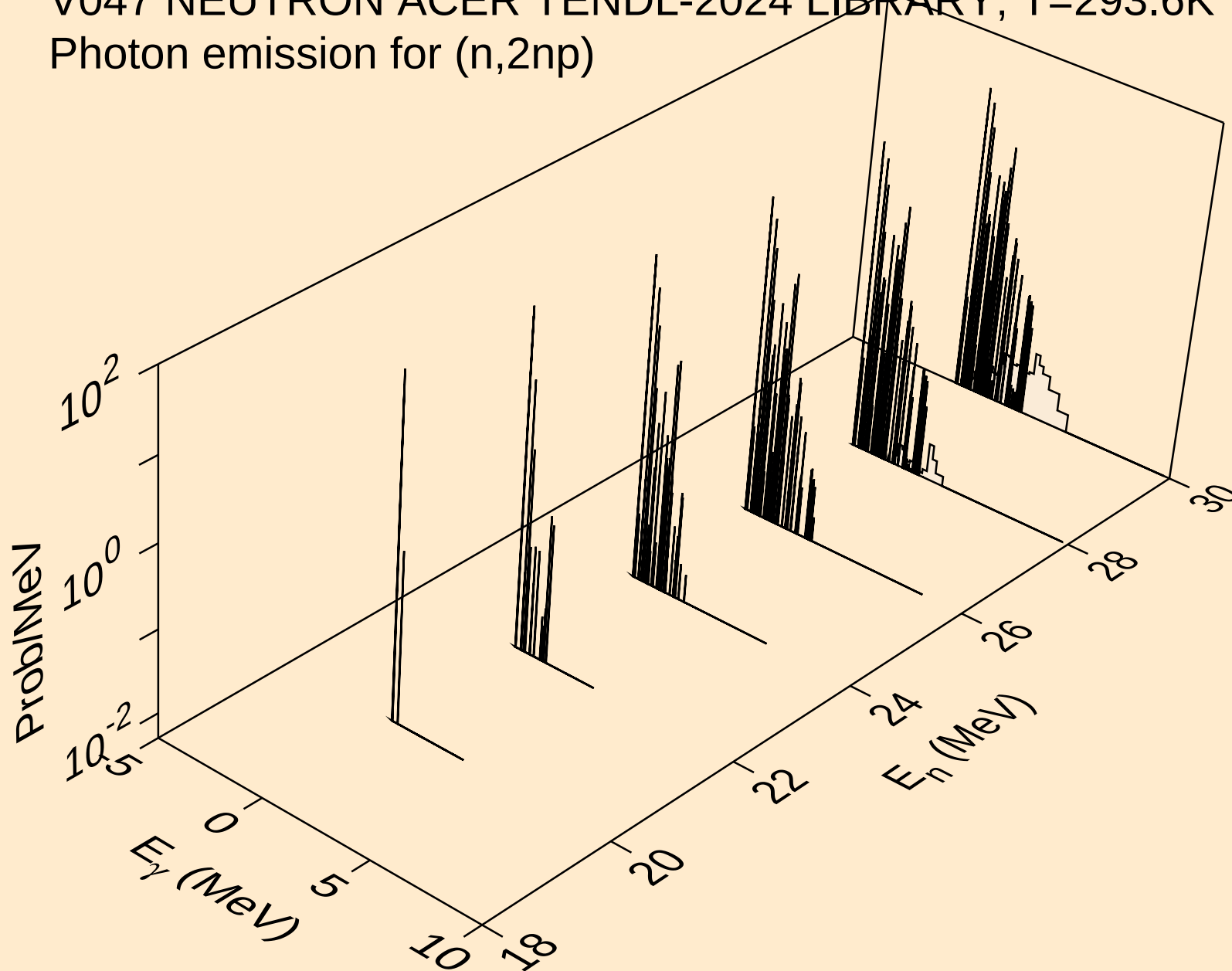
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



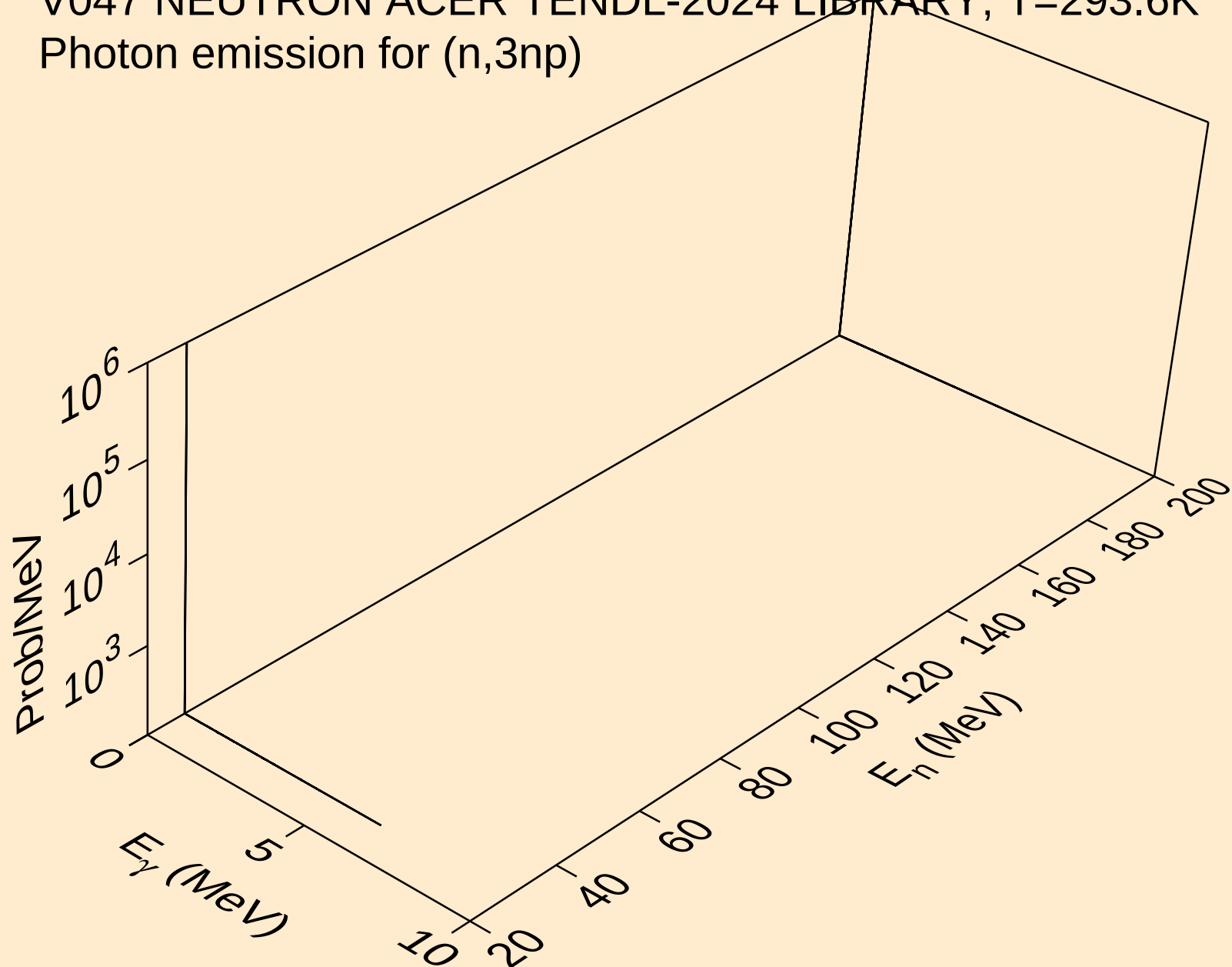
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



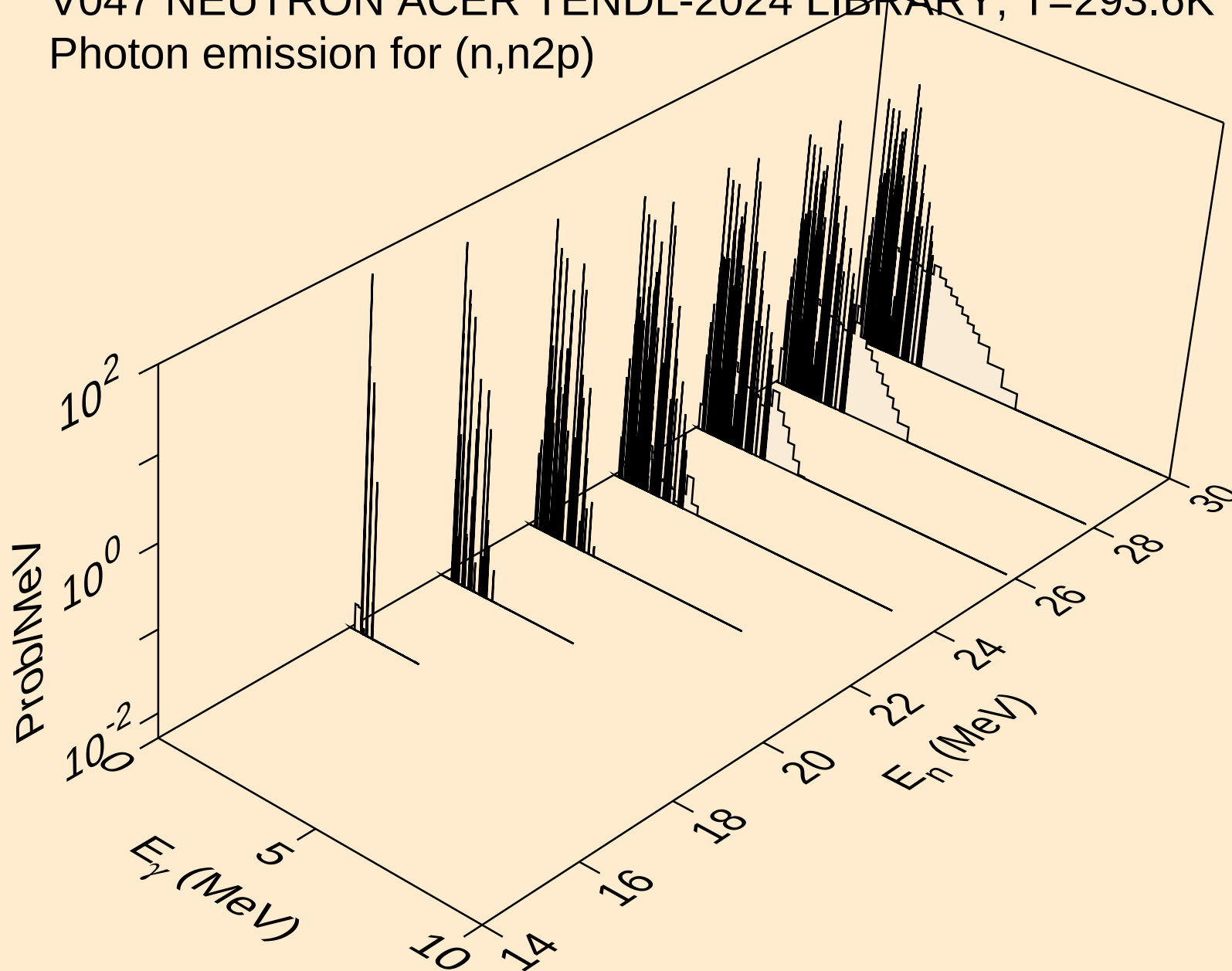
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2np)



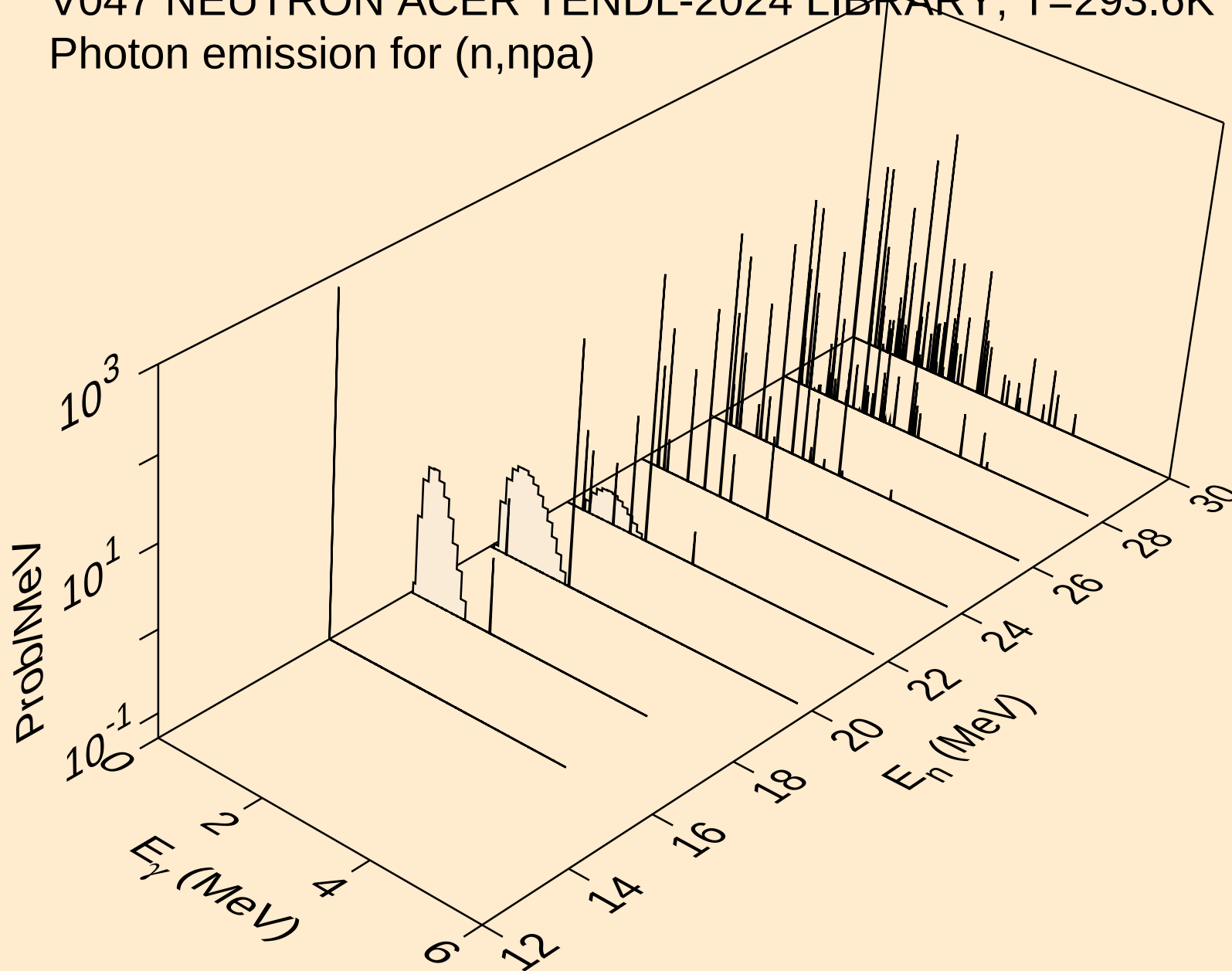
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3np)



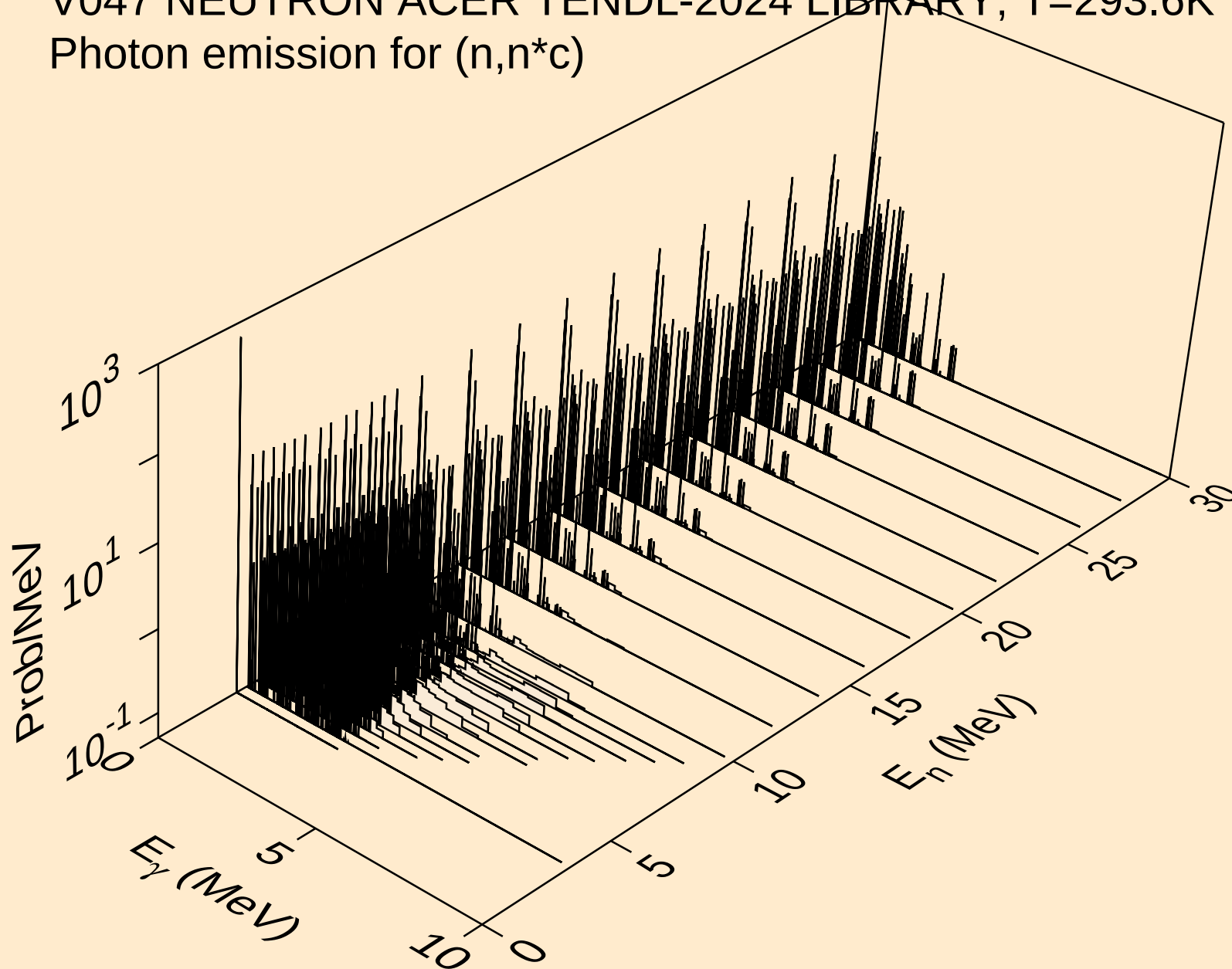
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n2p)



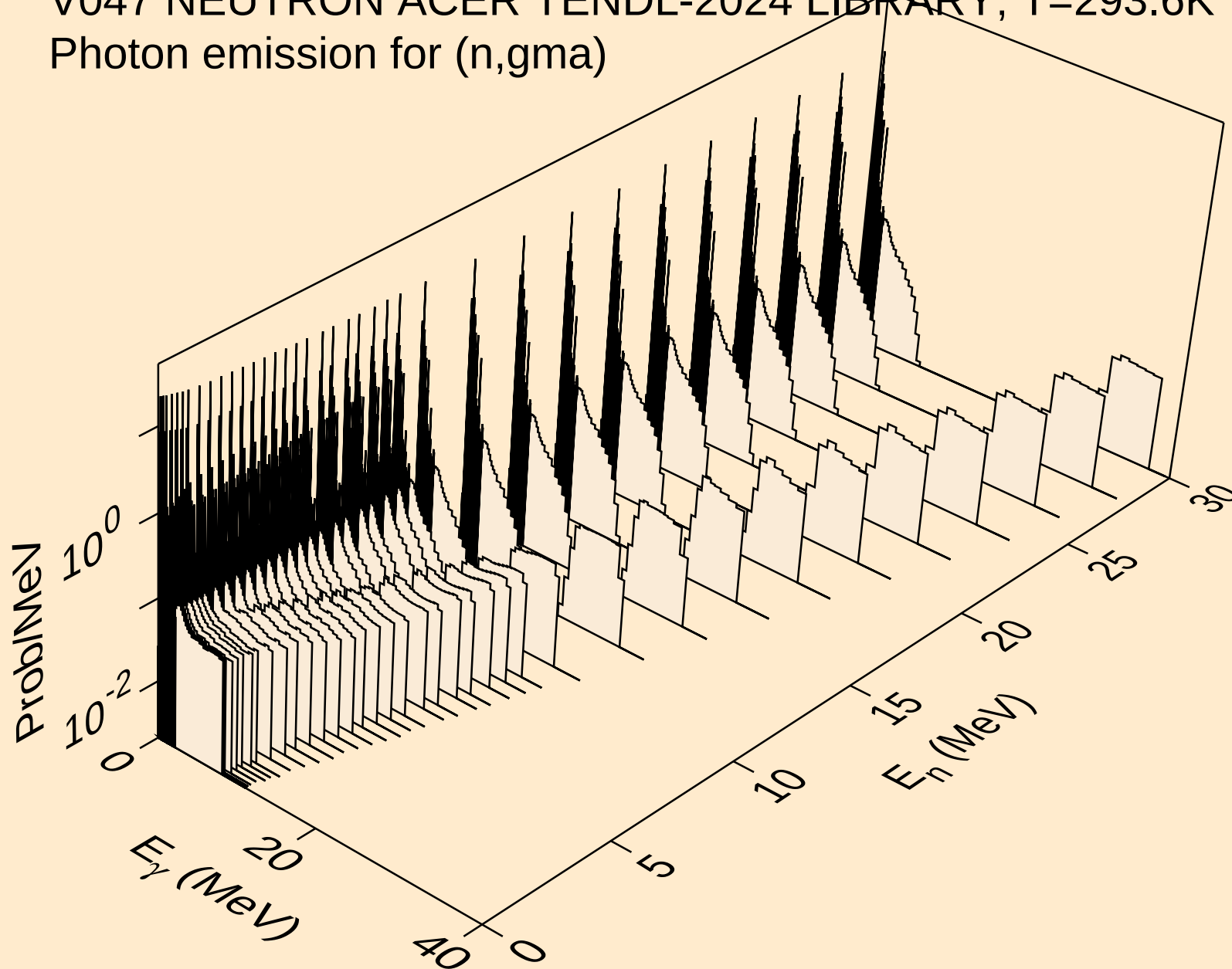
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,npa)



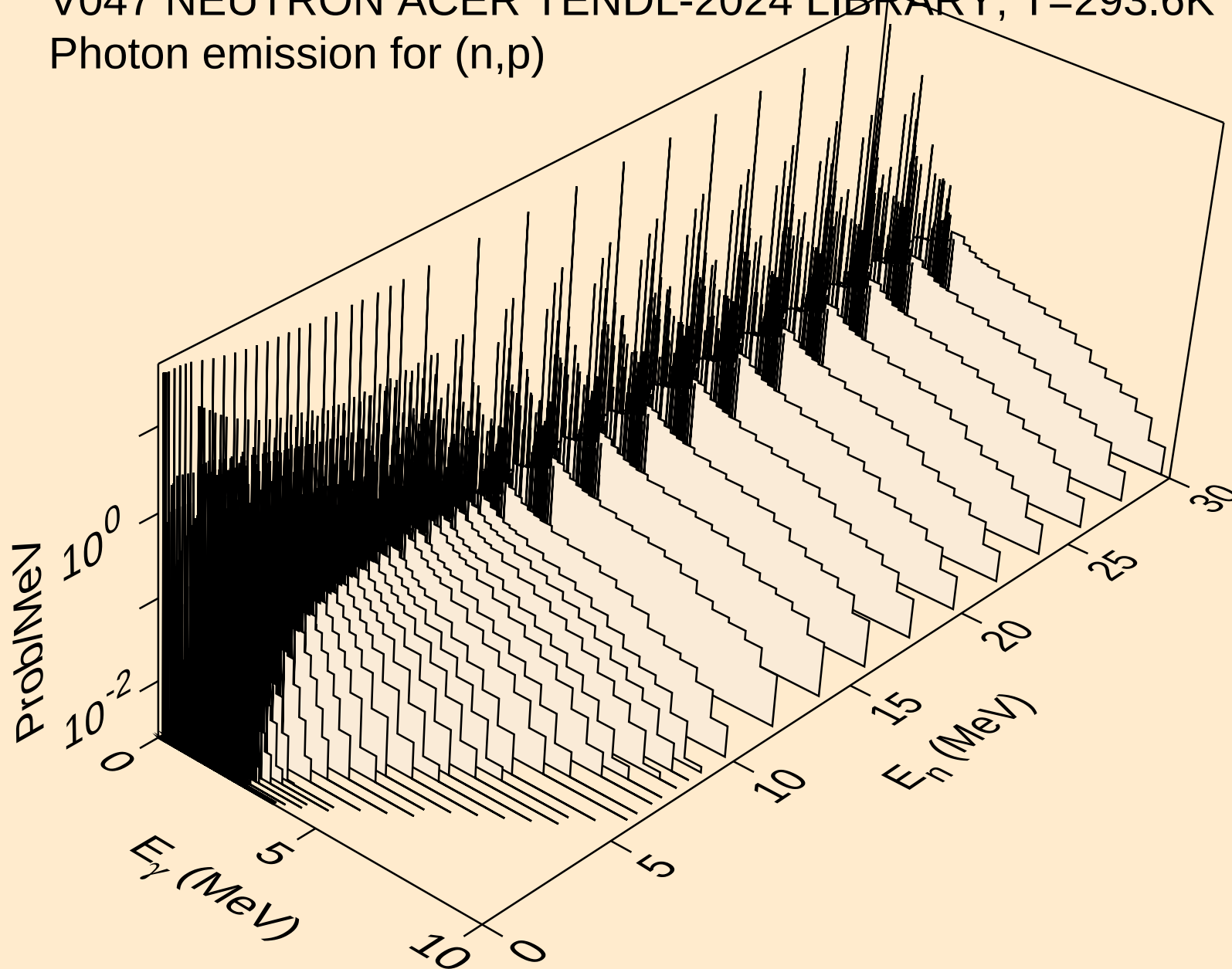
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Photon emission for (n,n\*c)



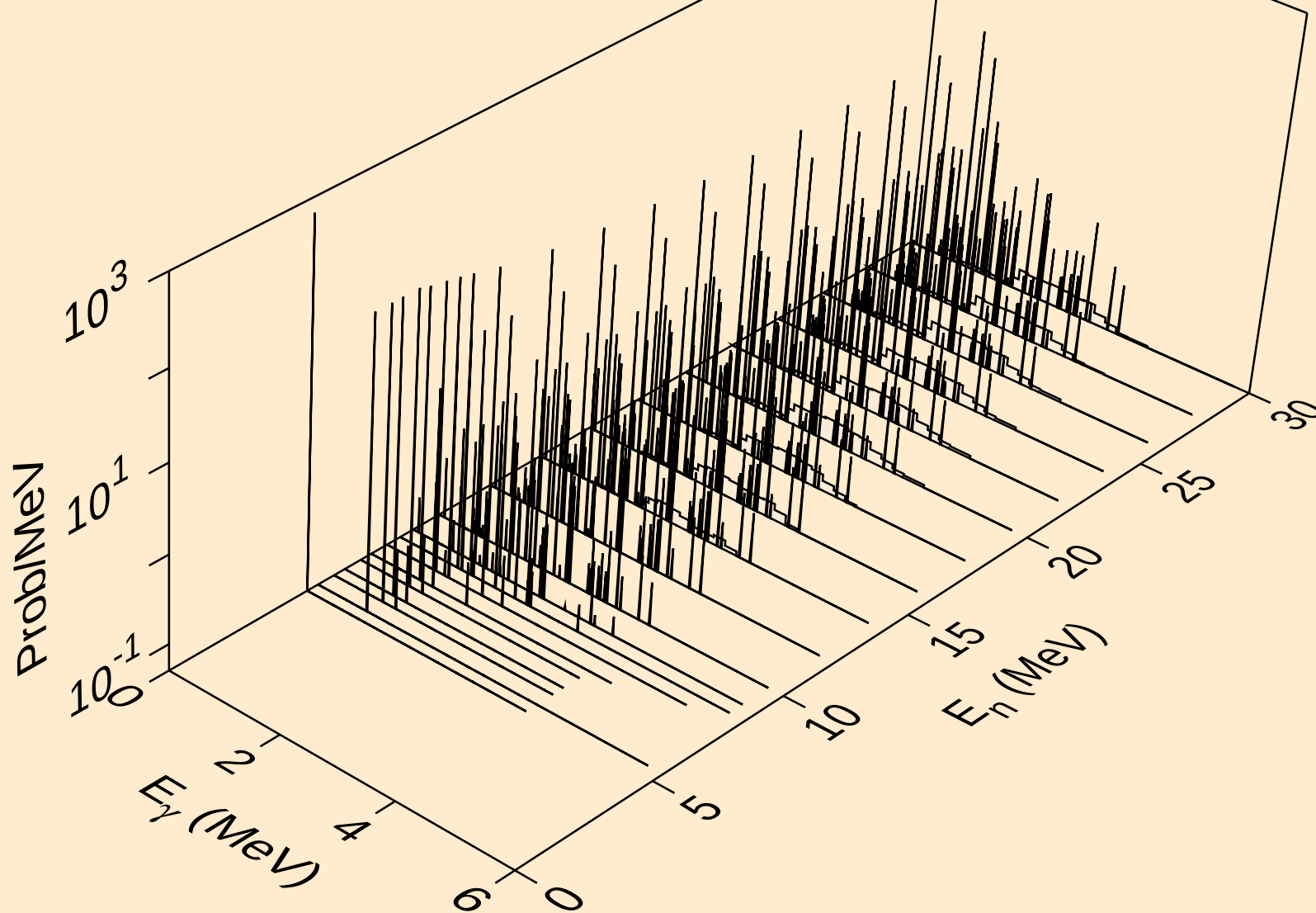
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Photon emission for (n,gma)



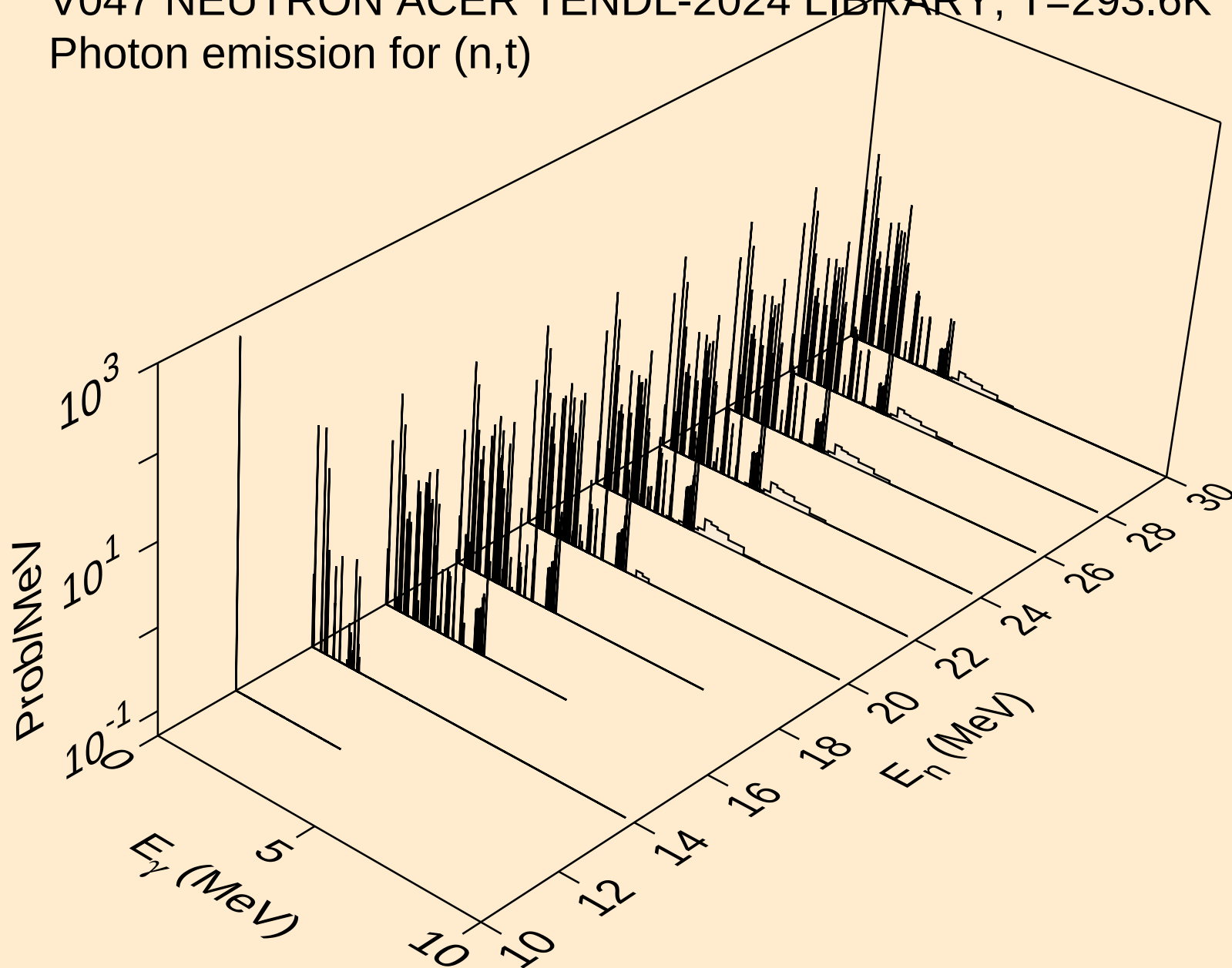
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



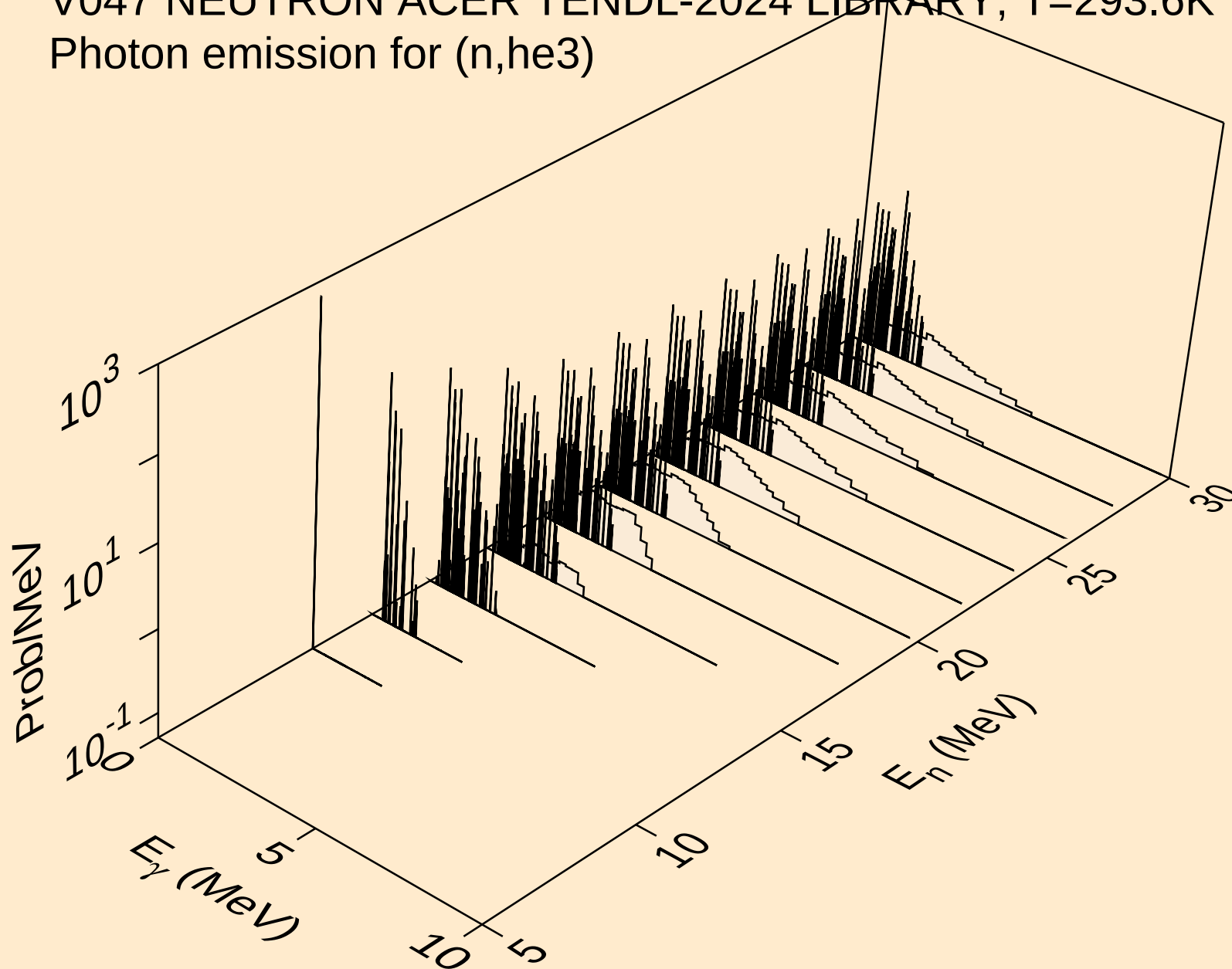
V047 NEUTRON ACER TENDL-2024 LIBRARY;  $T=293.6\text{K}$   
Photon emission for (n,d)



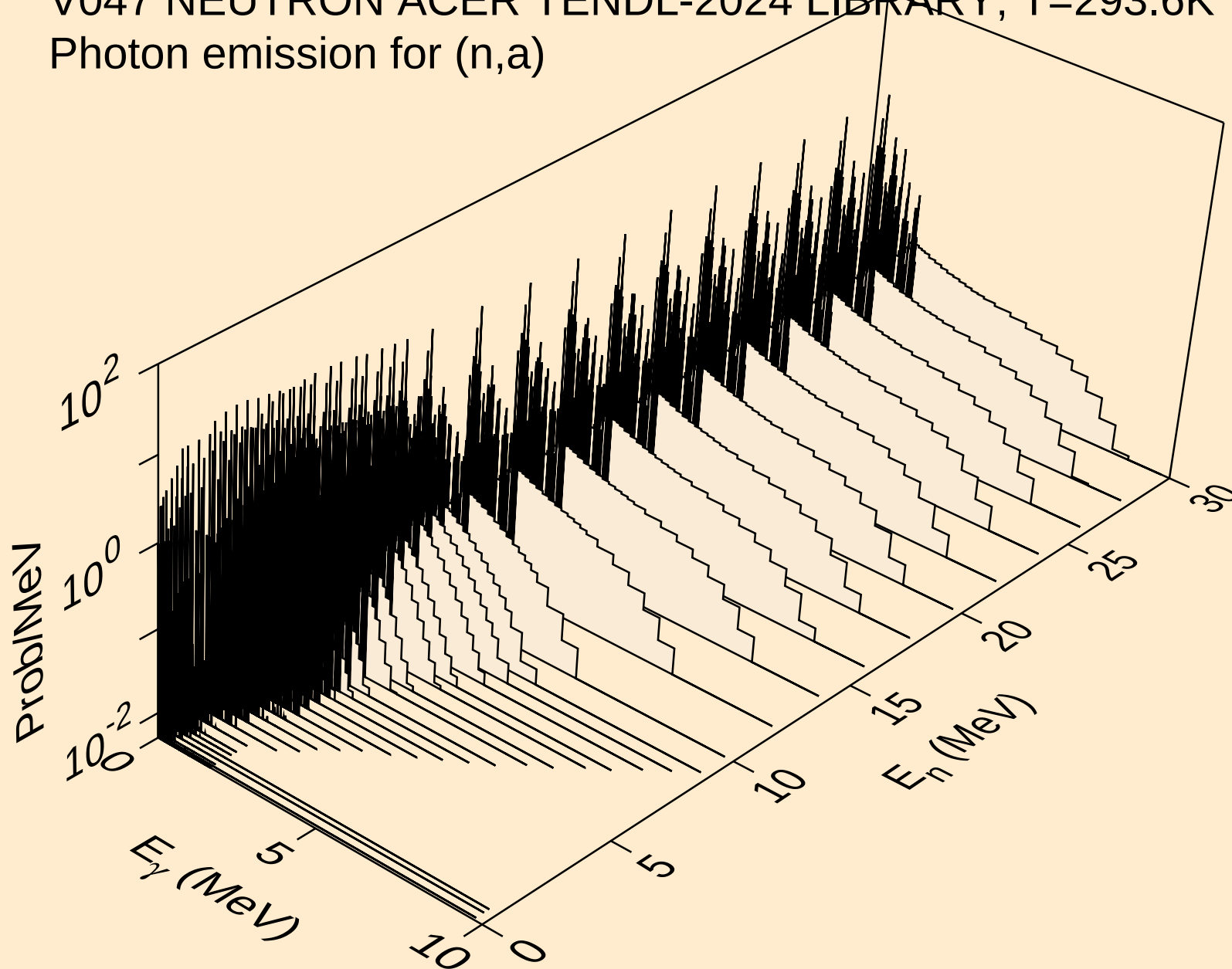
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



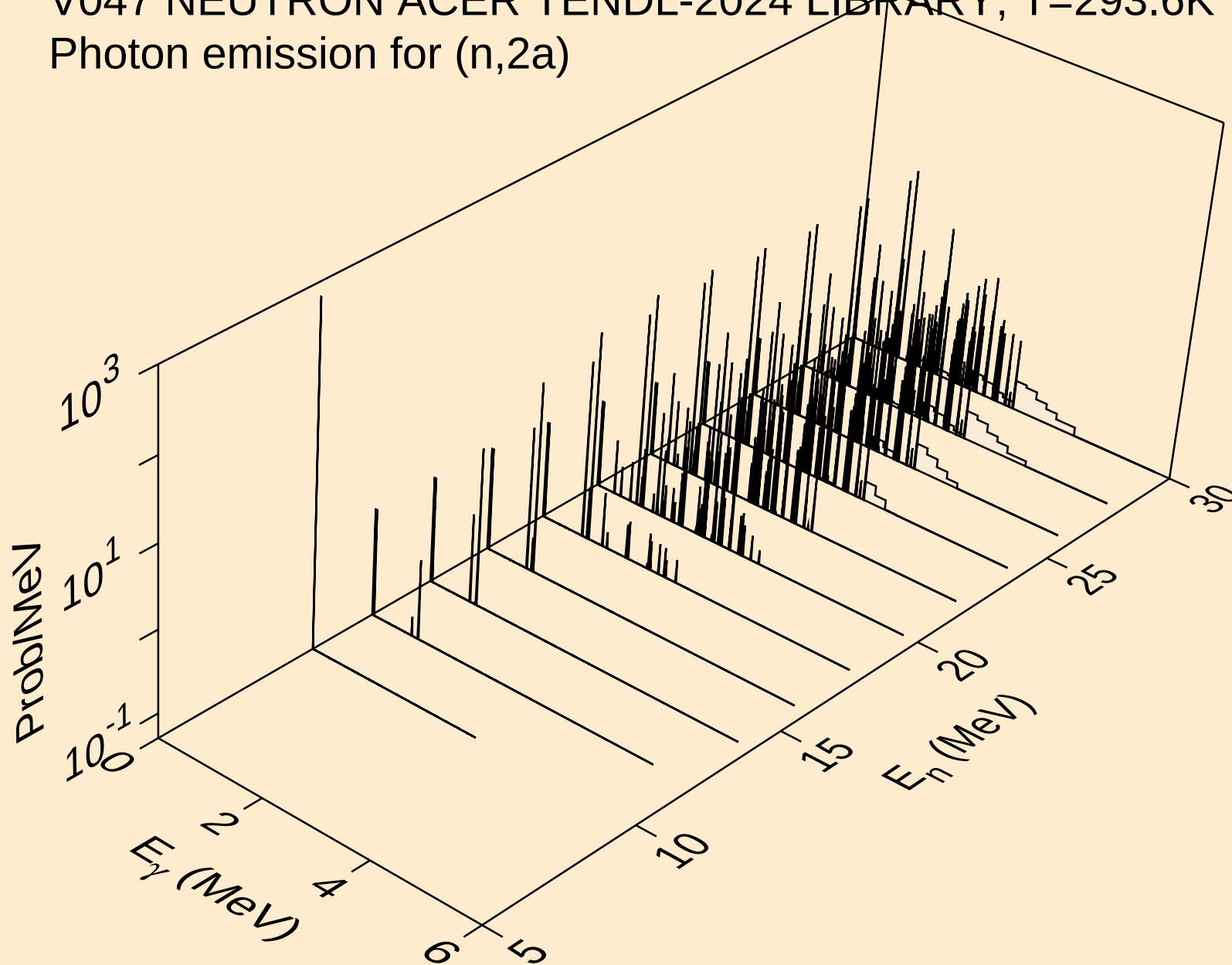
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



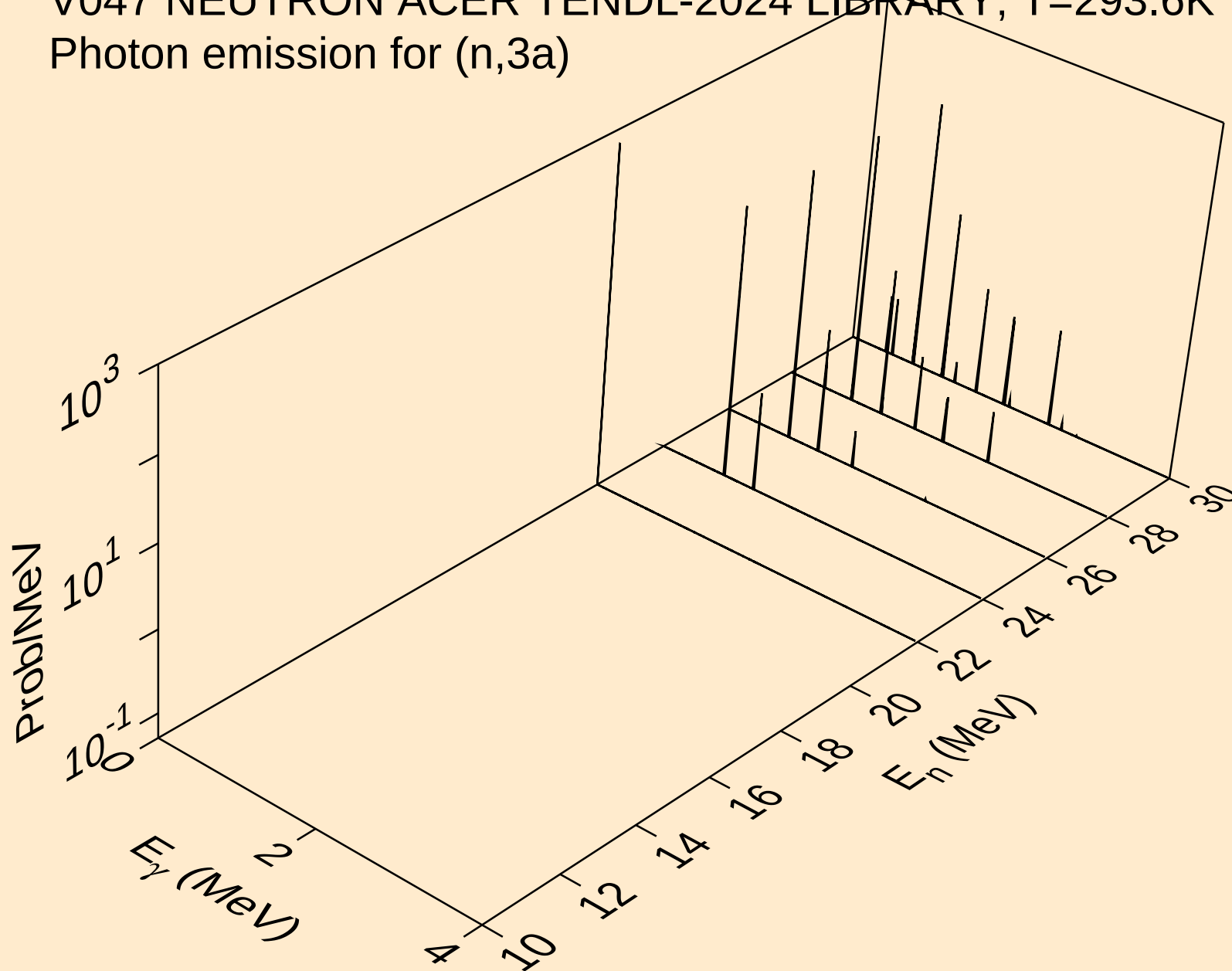
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Photon emission for (n,a)



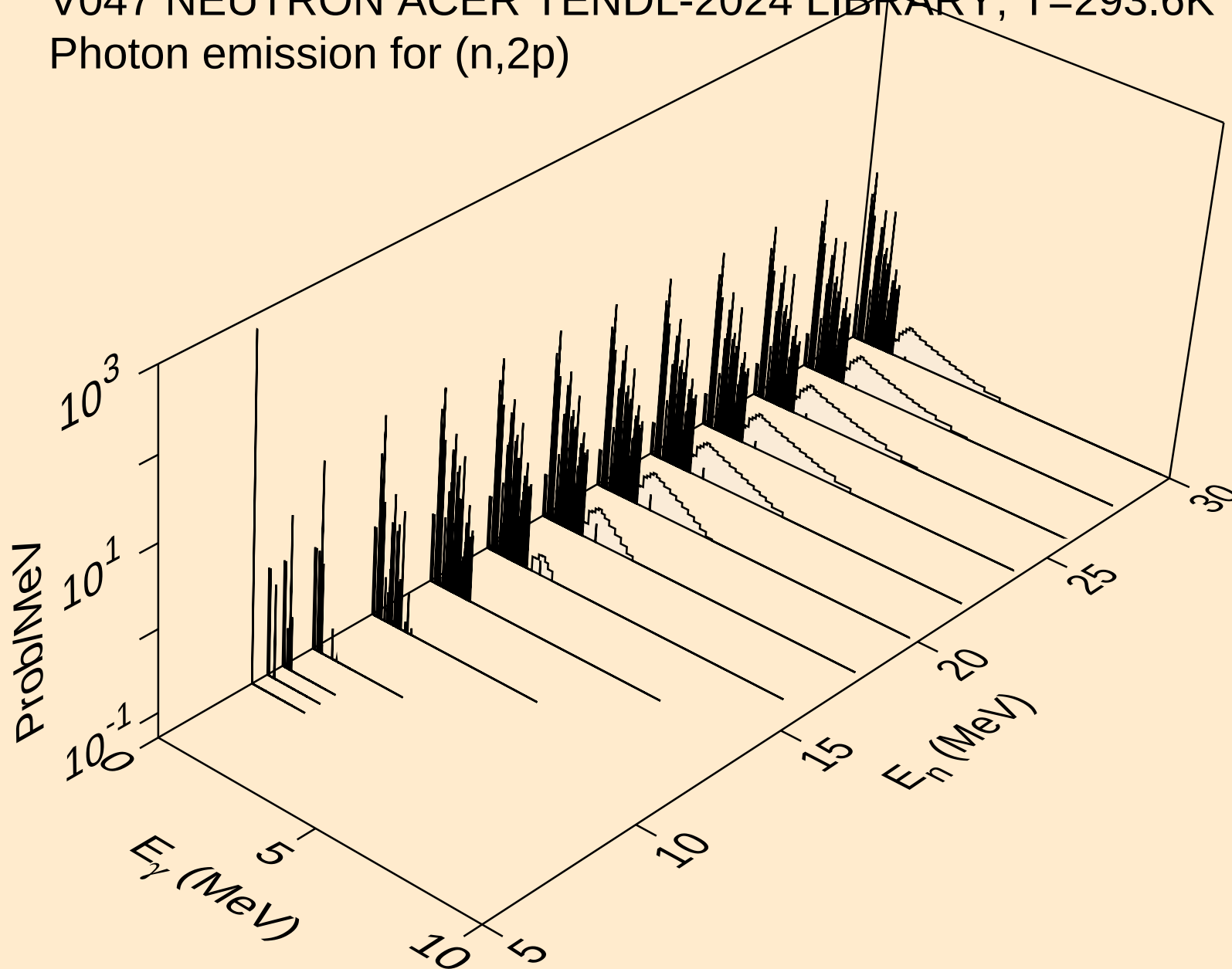
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2a)



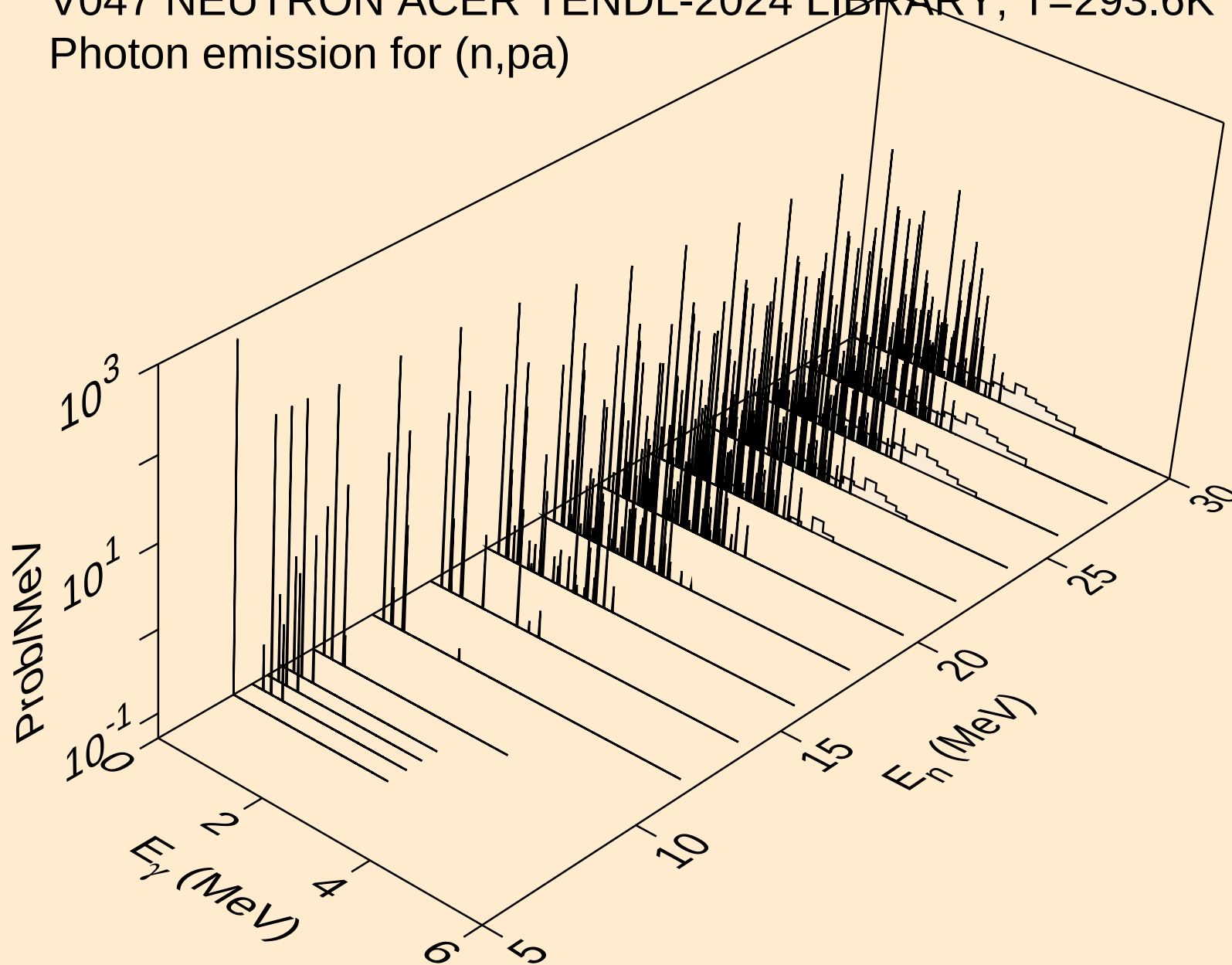
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3a)



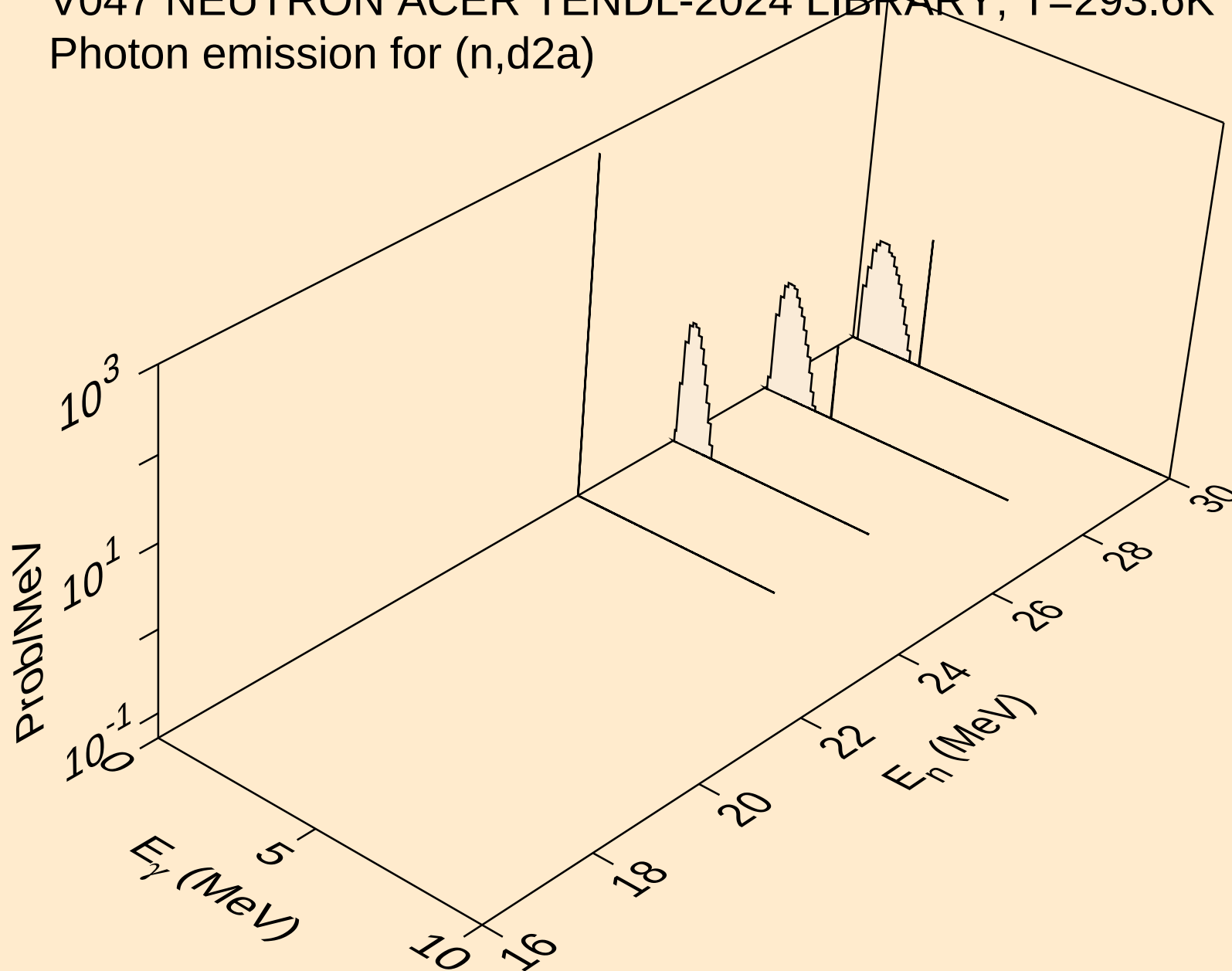
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Photon emission for (n,2p)



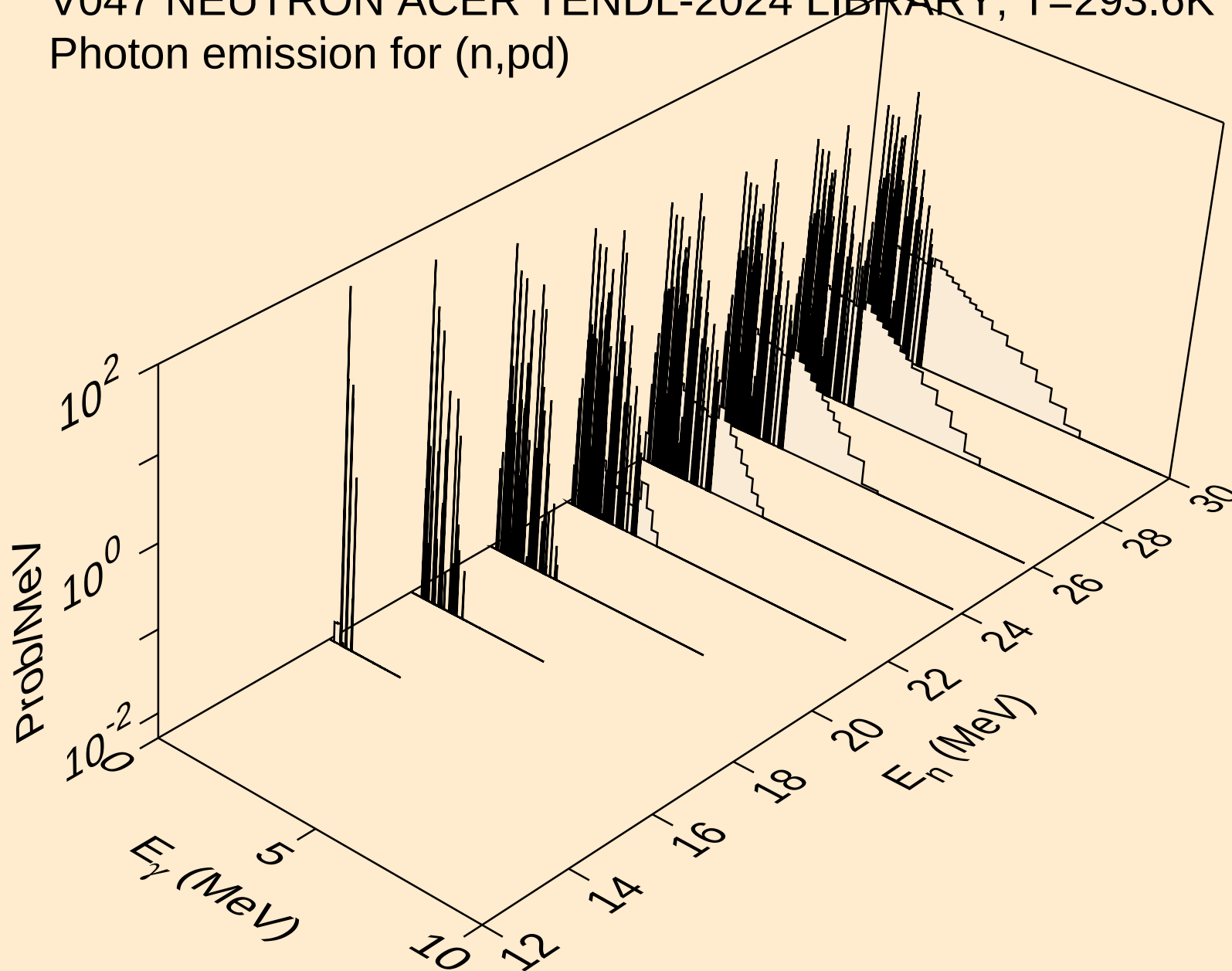
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



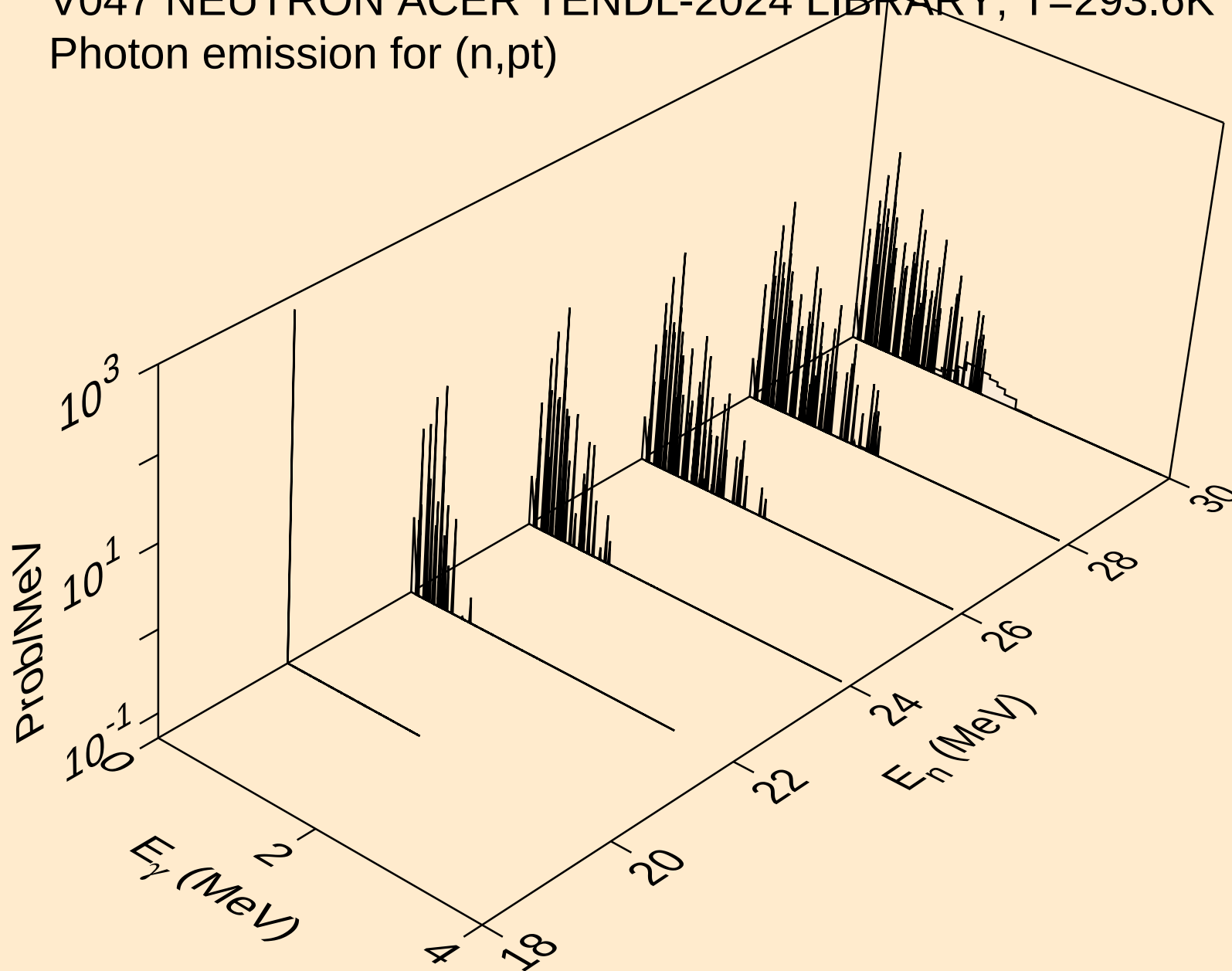
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d2a)



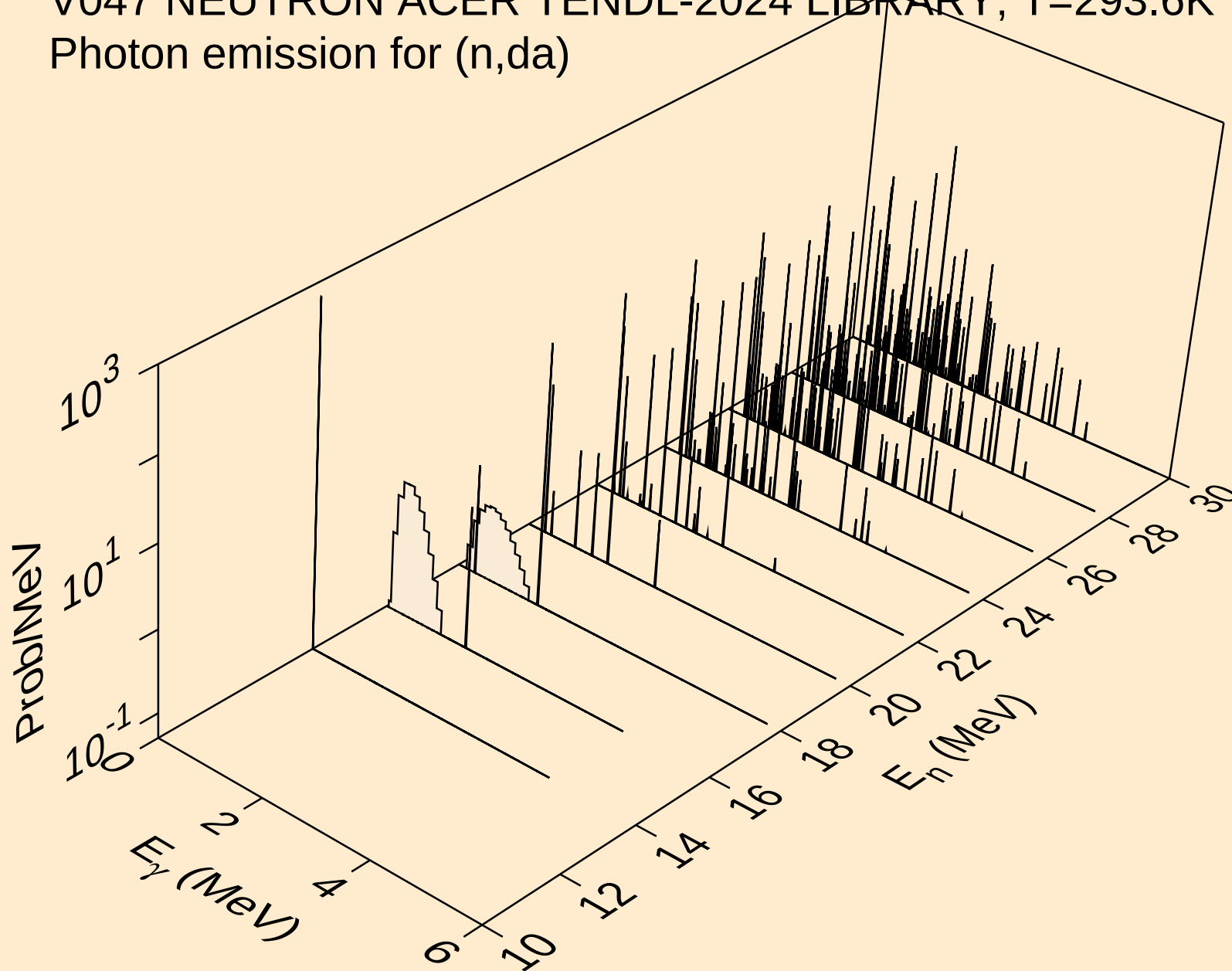
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pd)



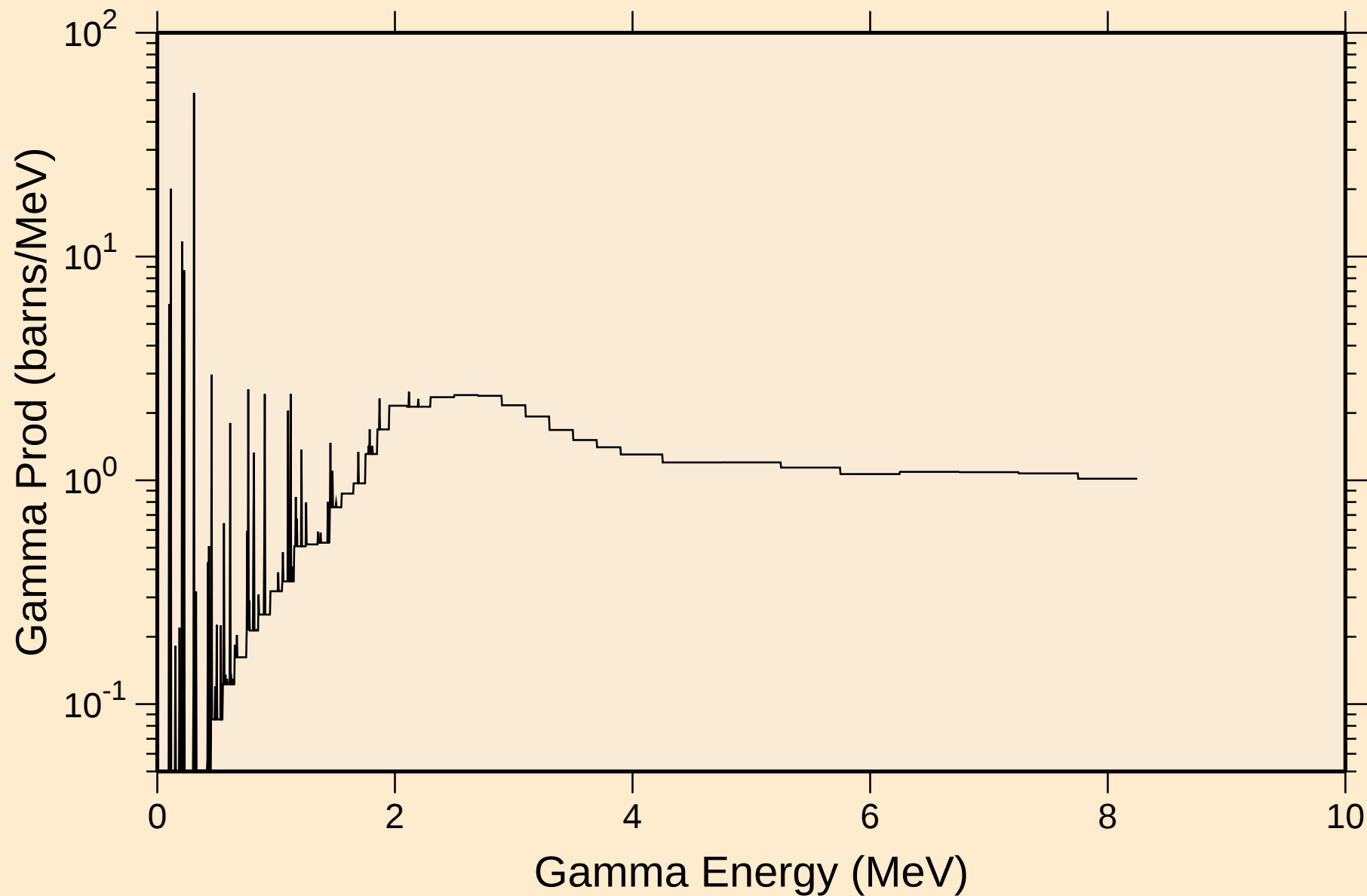
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pt)



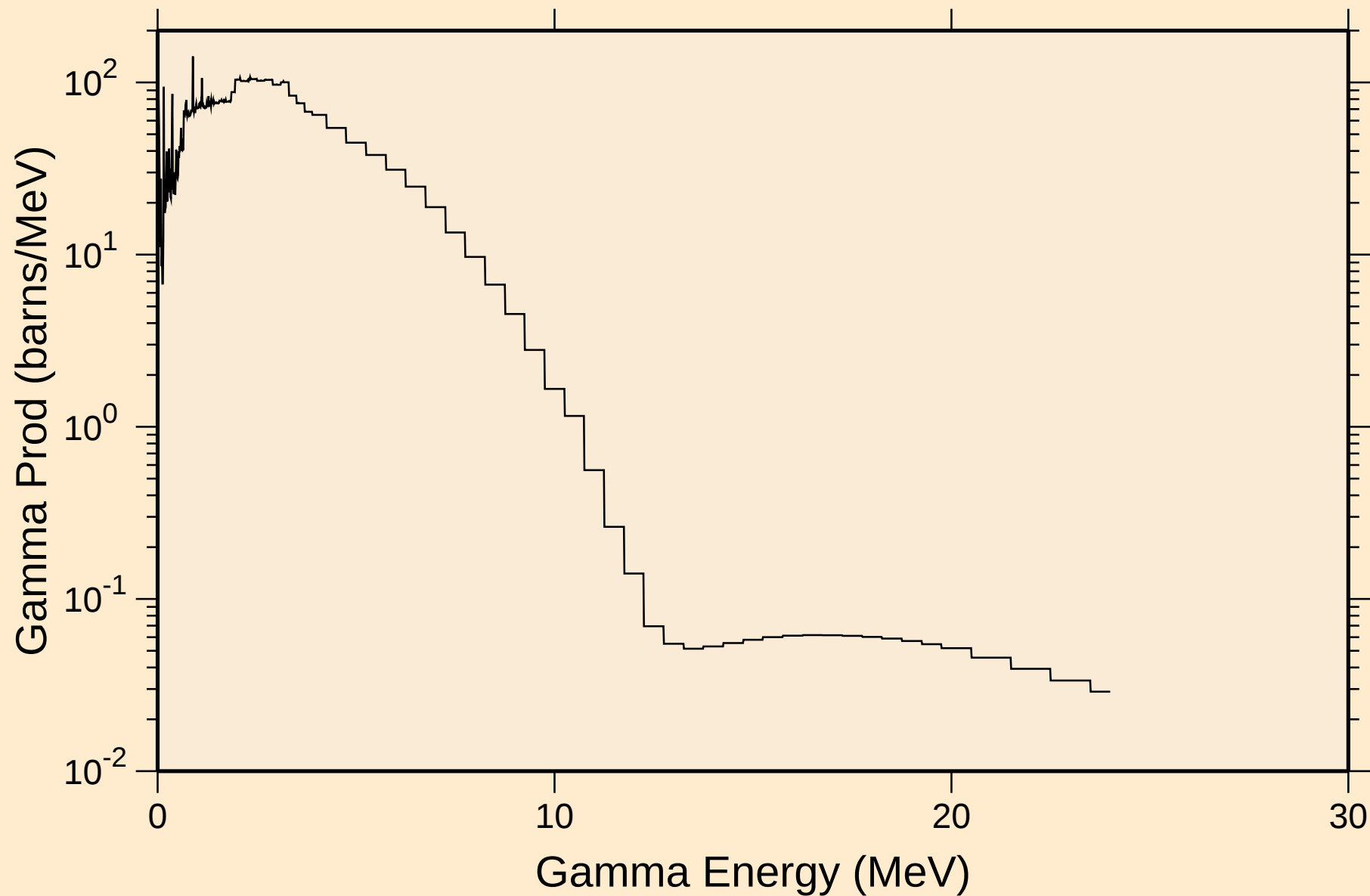
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,da)



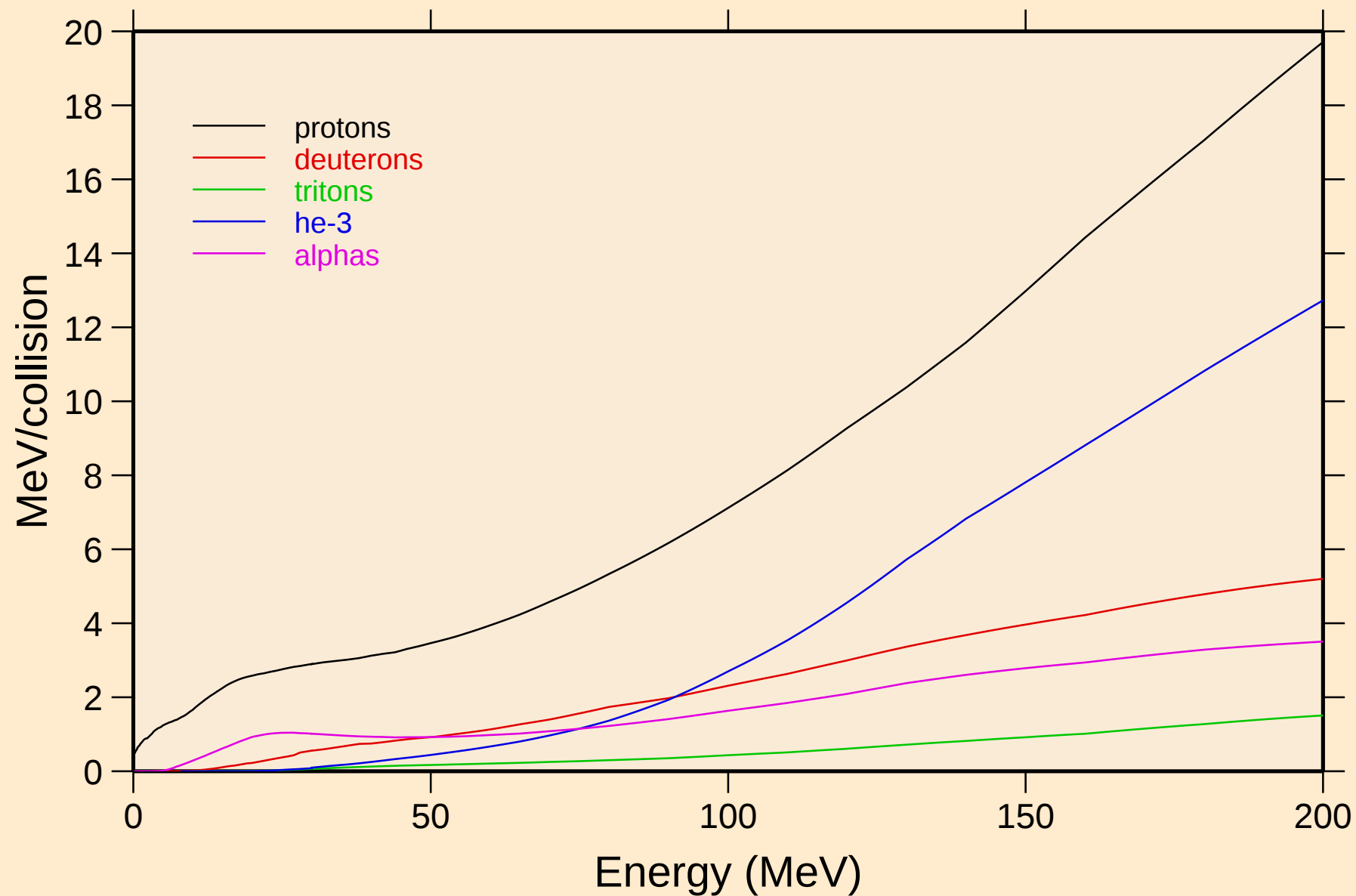
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum



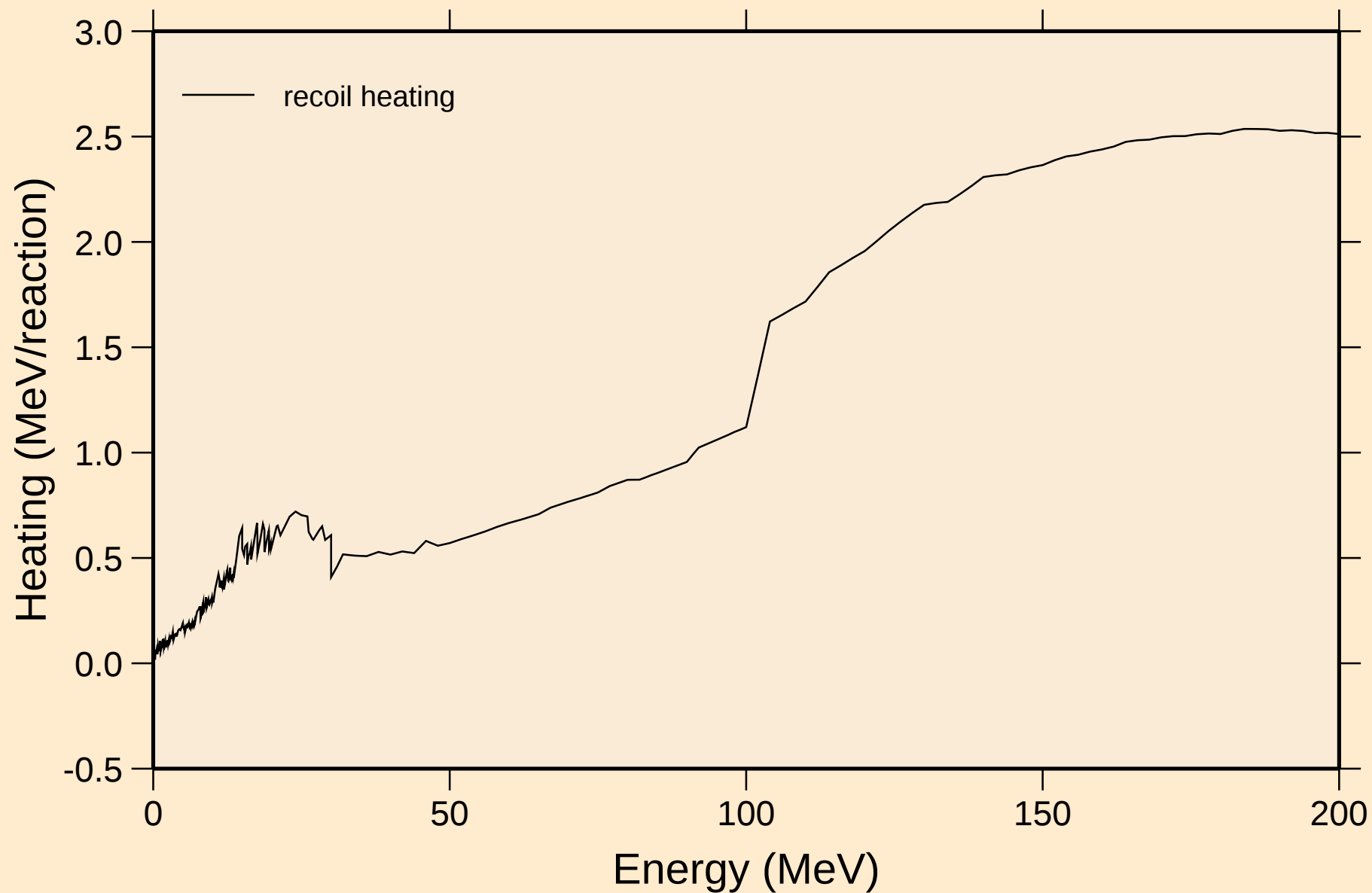
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum



V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle heating contributions

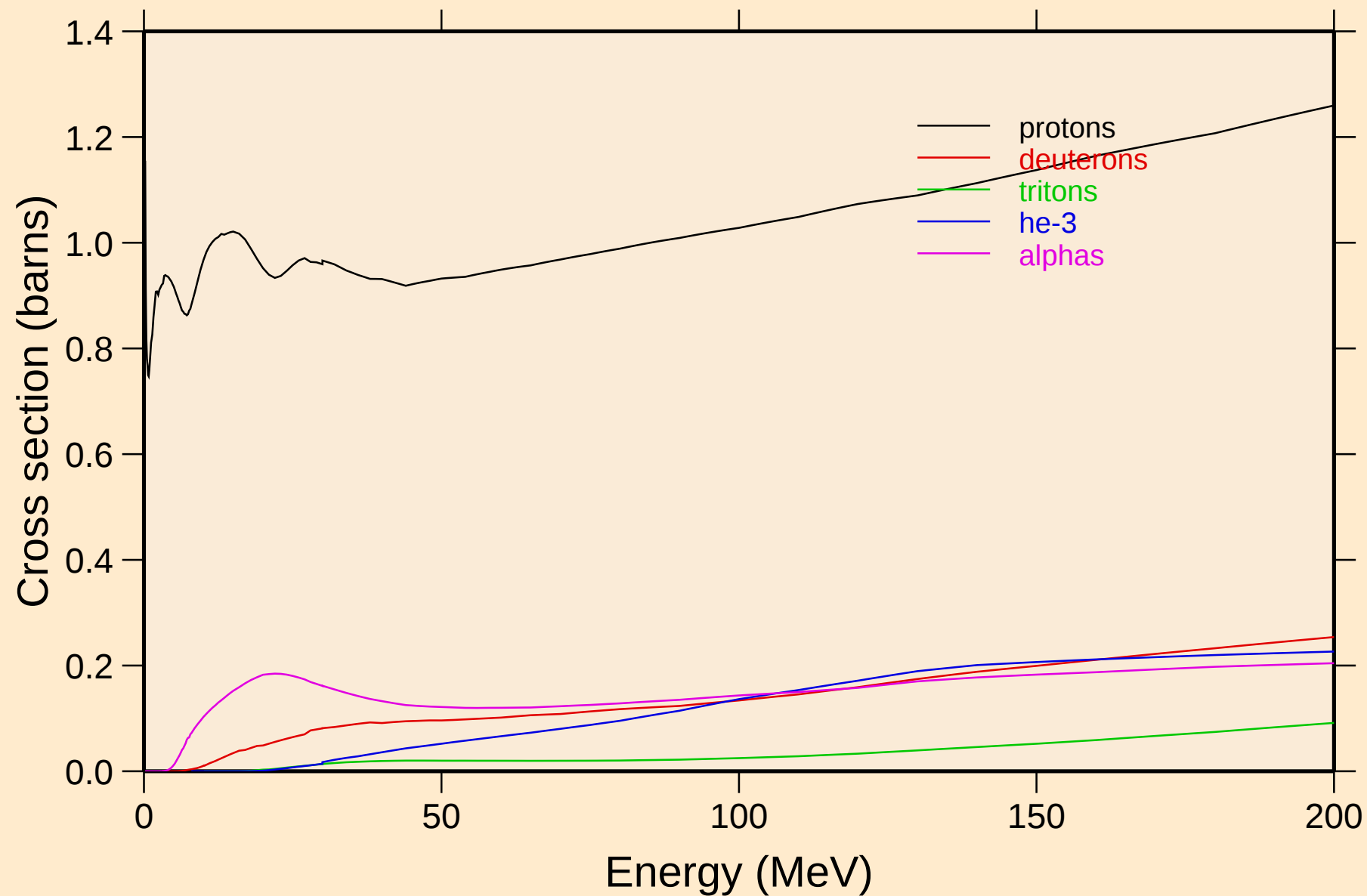


V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Recoil Heating

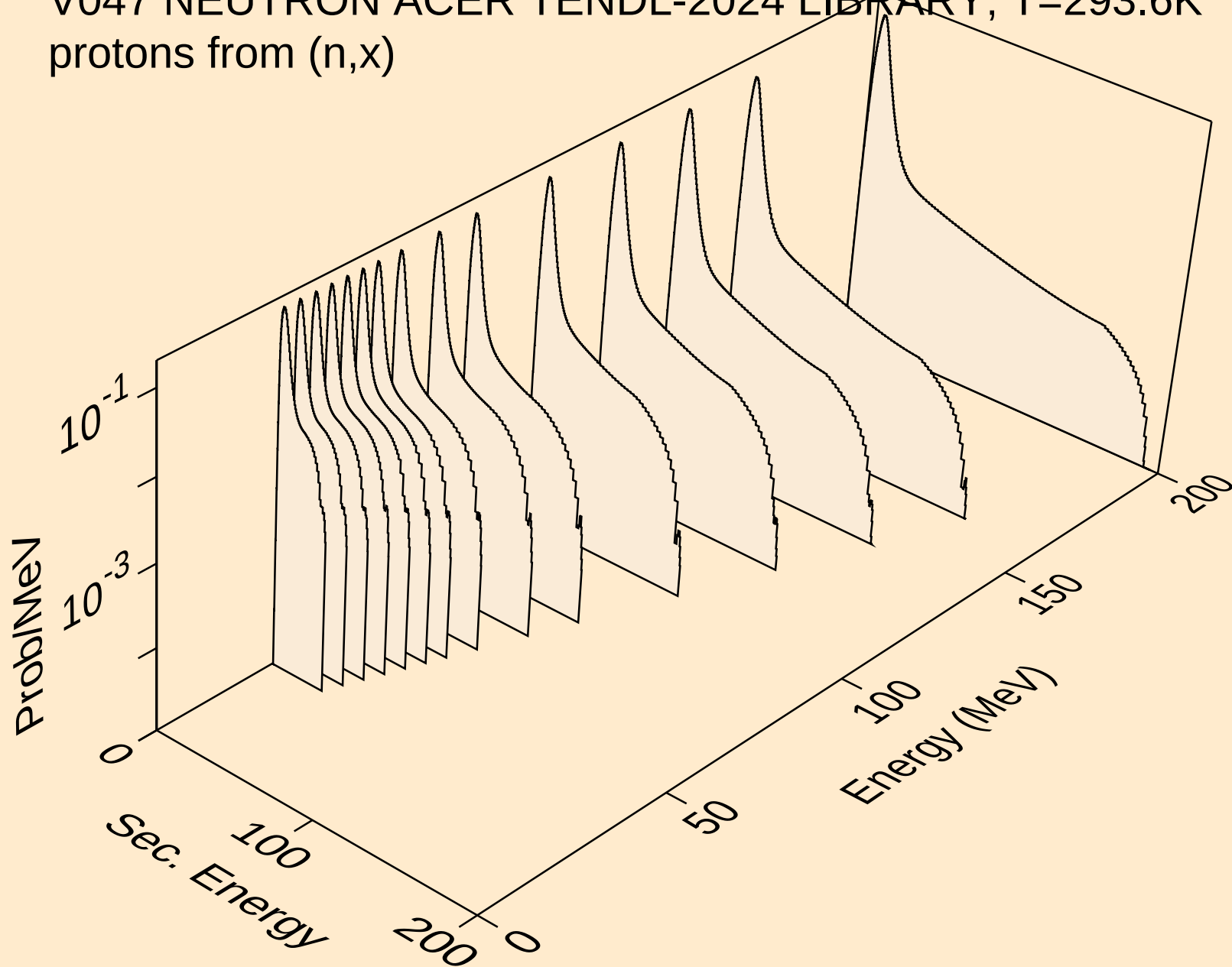


# V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

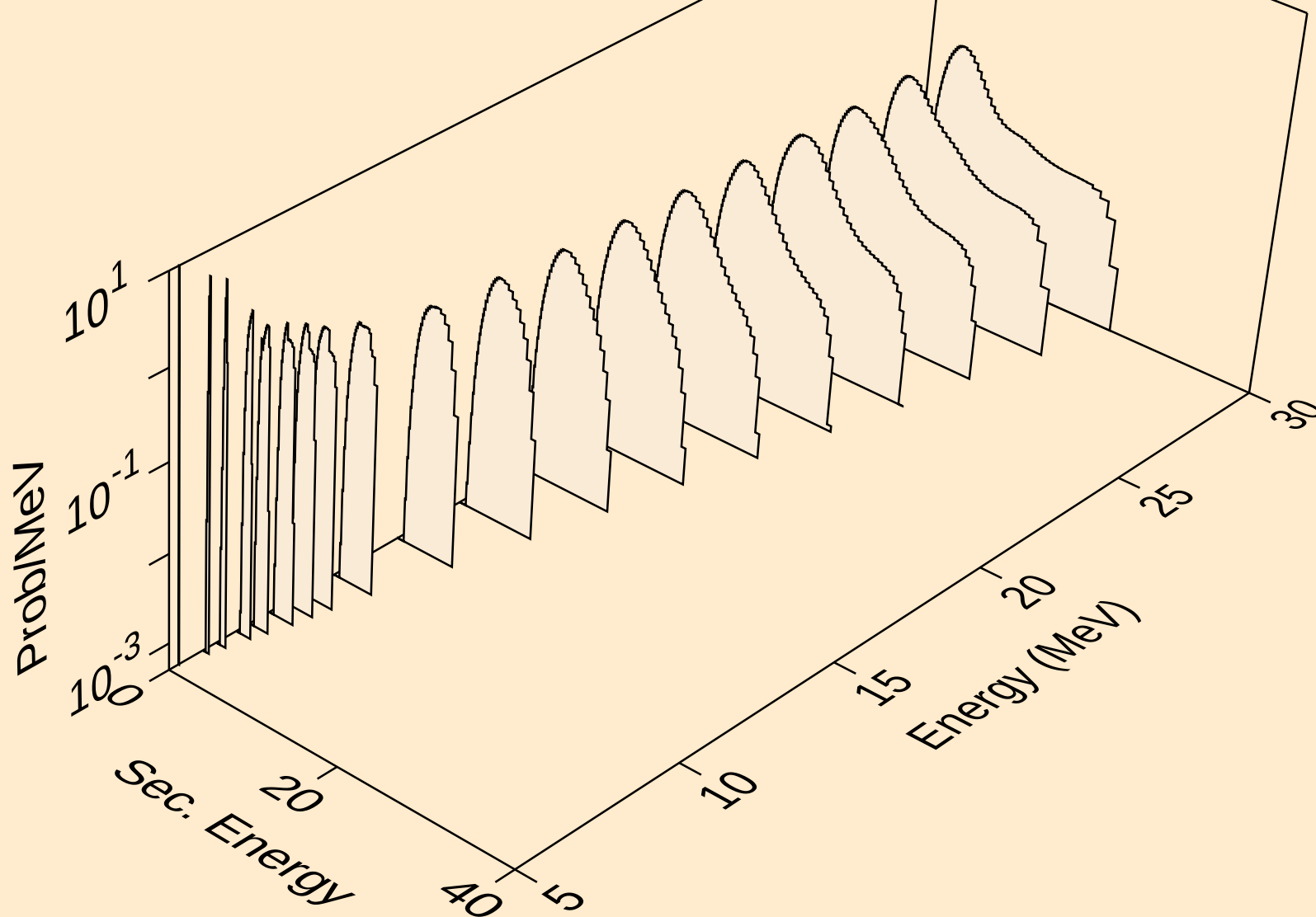
## Particle production cross sections



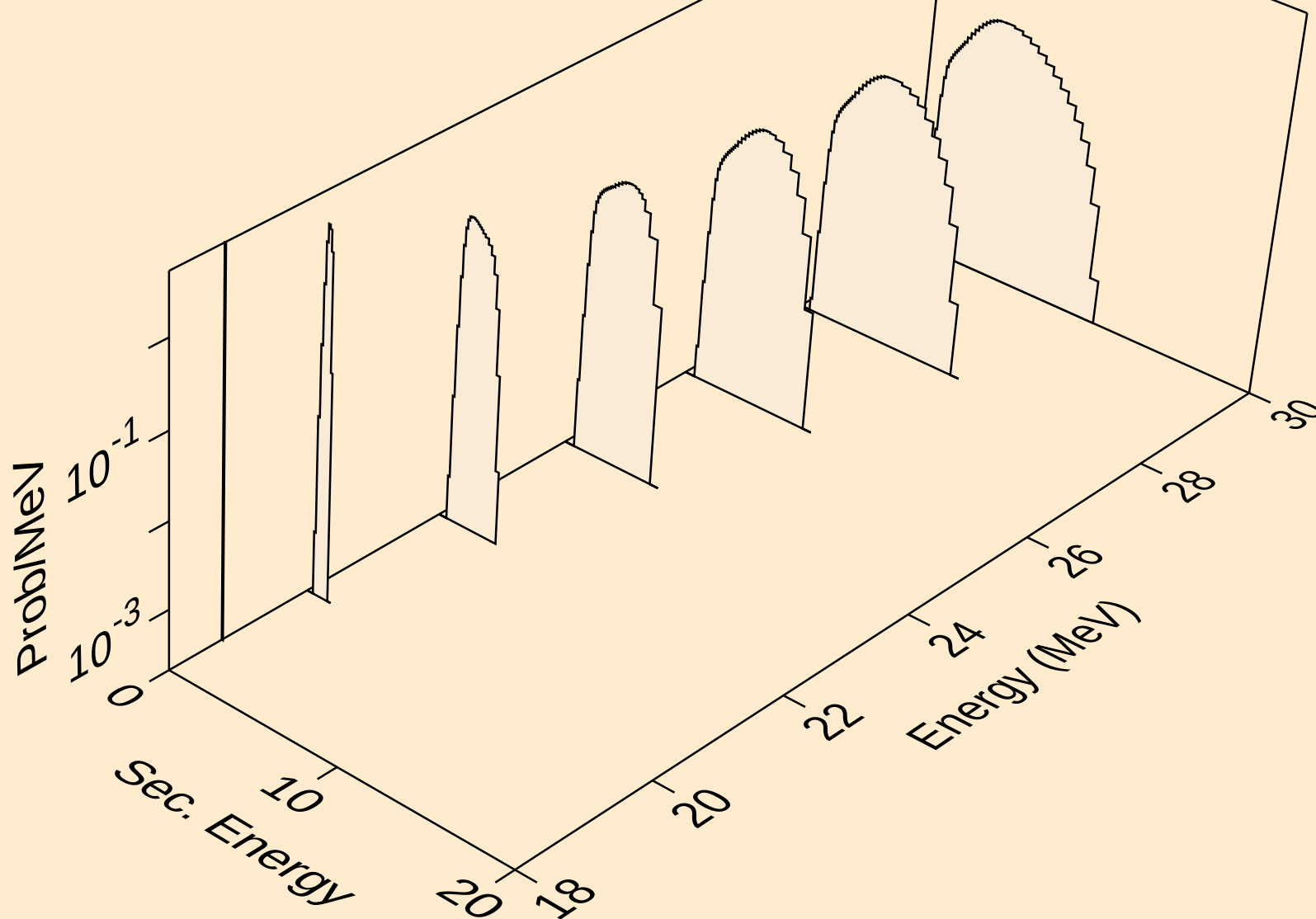
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



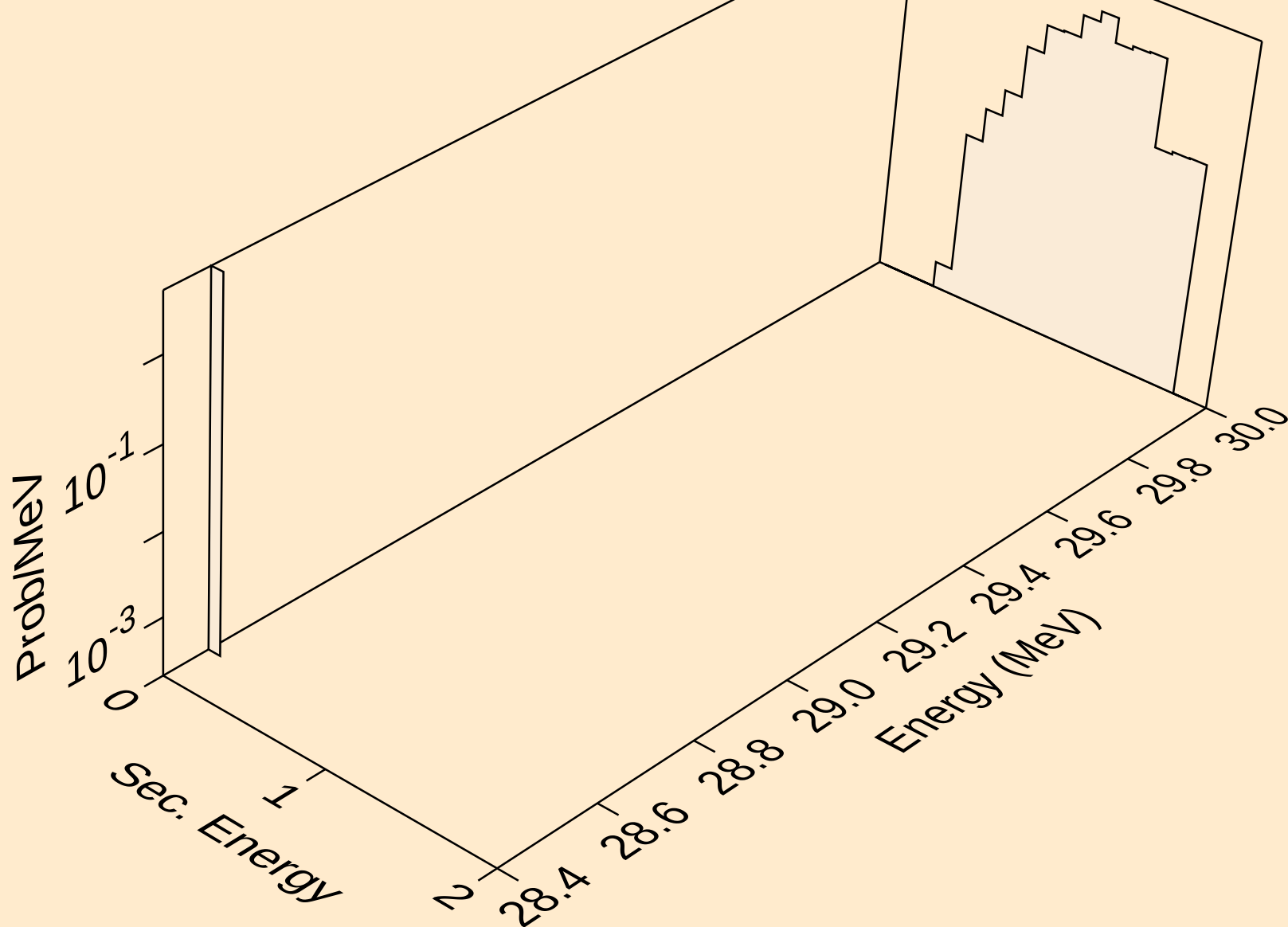
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protons from (n,n\*)p



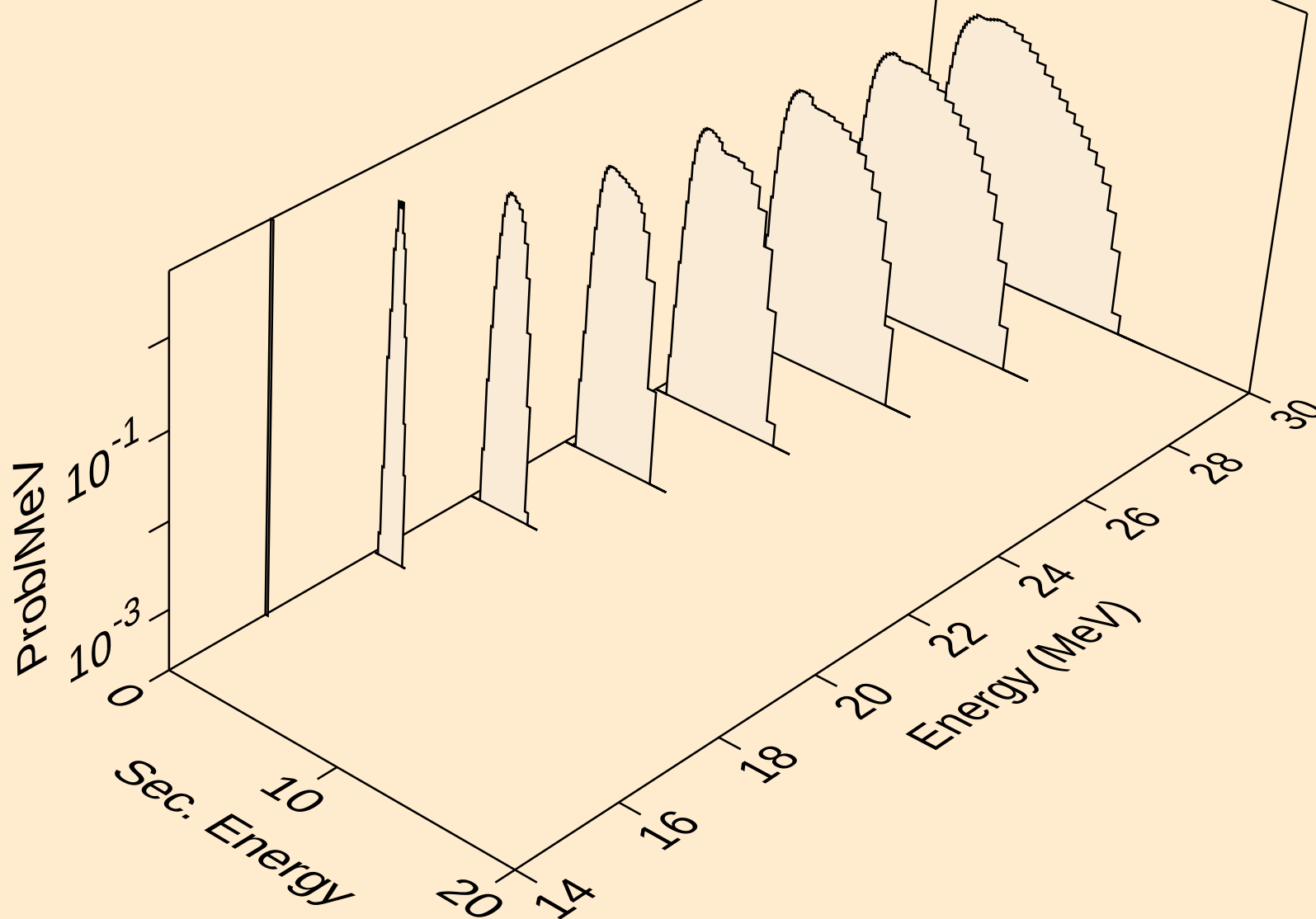
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protons from (n,2np)



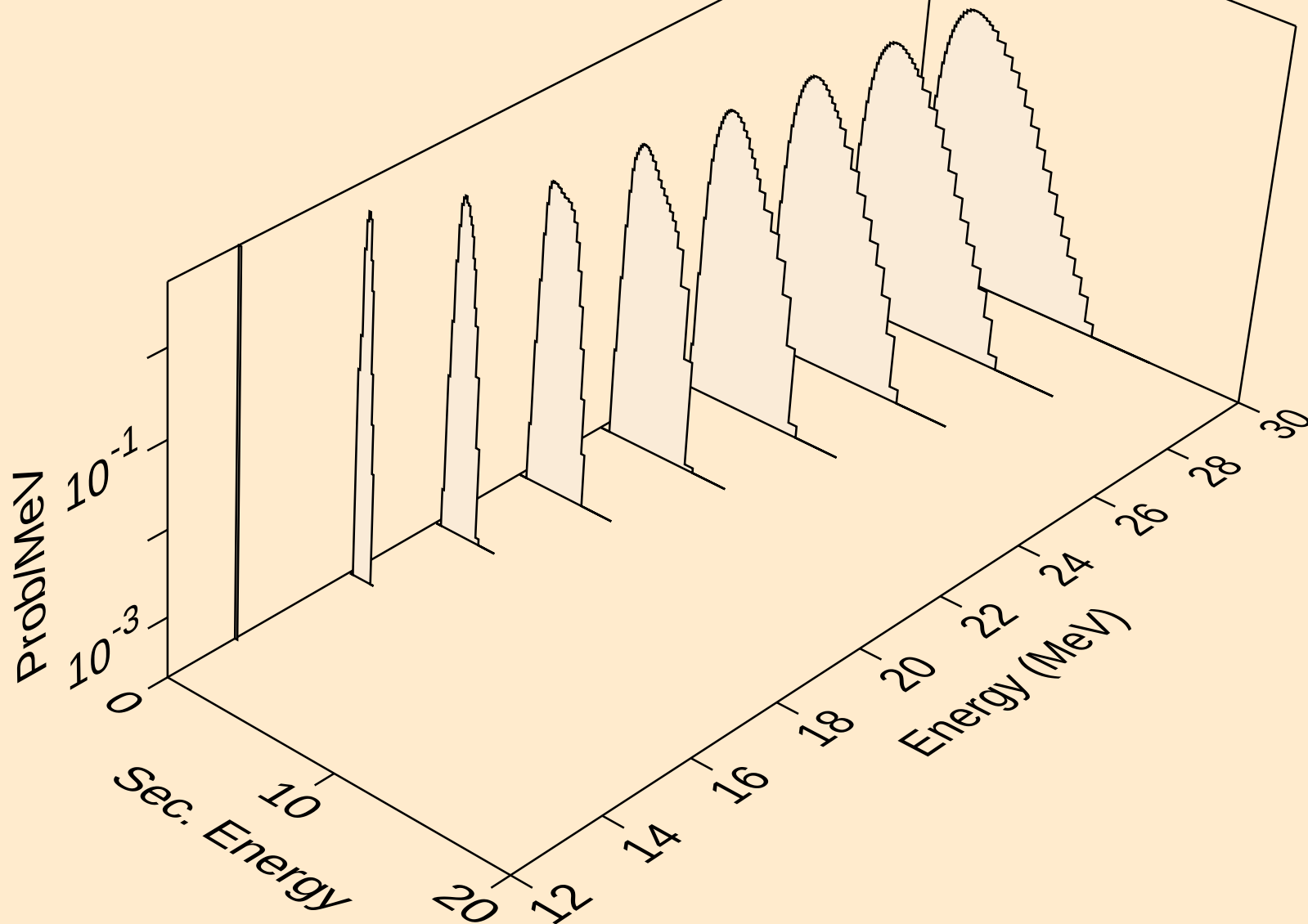
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protons from (n,3np)



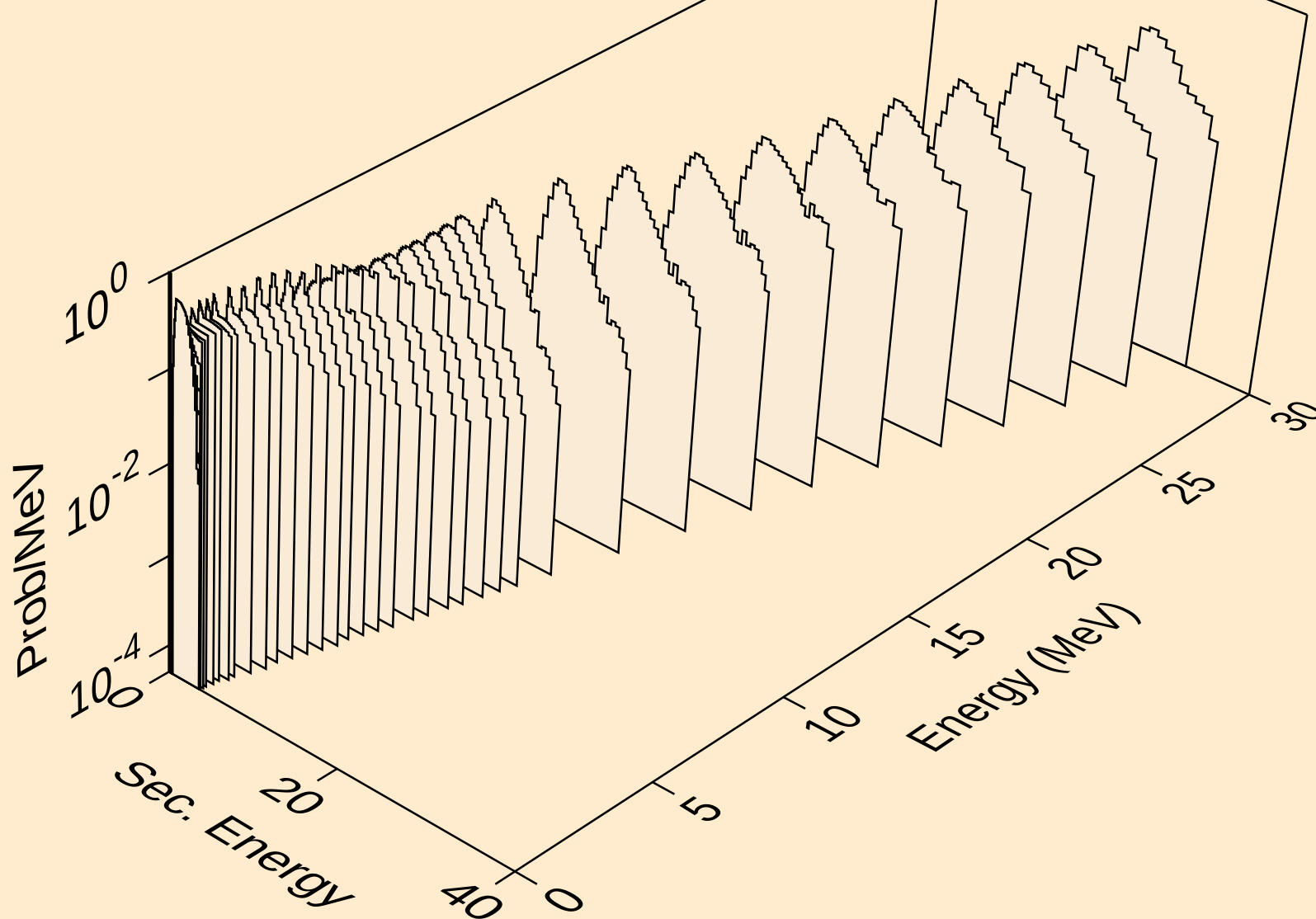
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protons from (n,n2p)



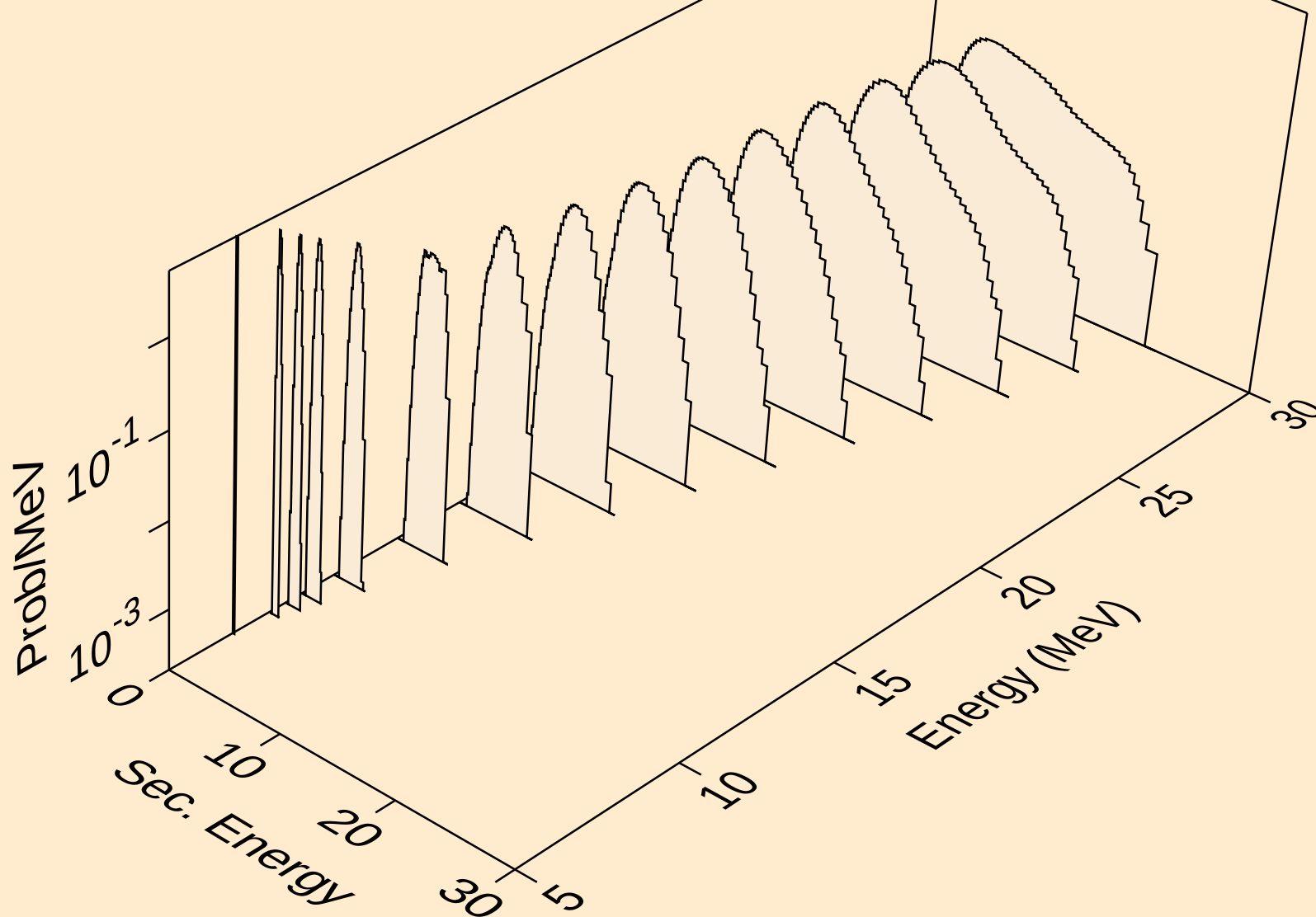
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protons from (n,npa)



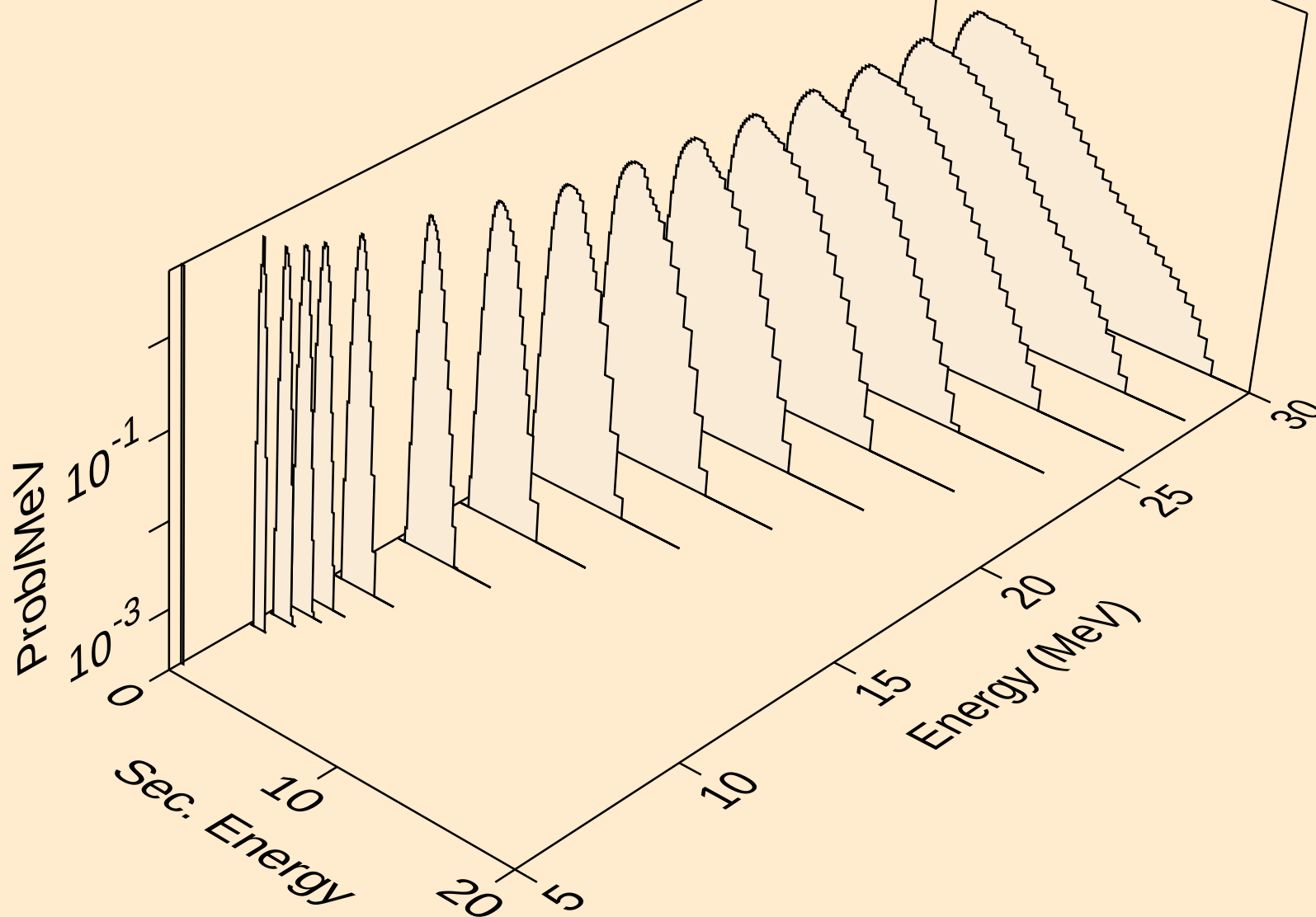
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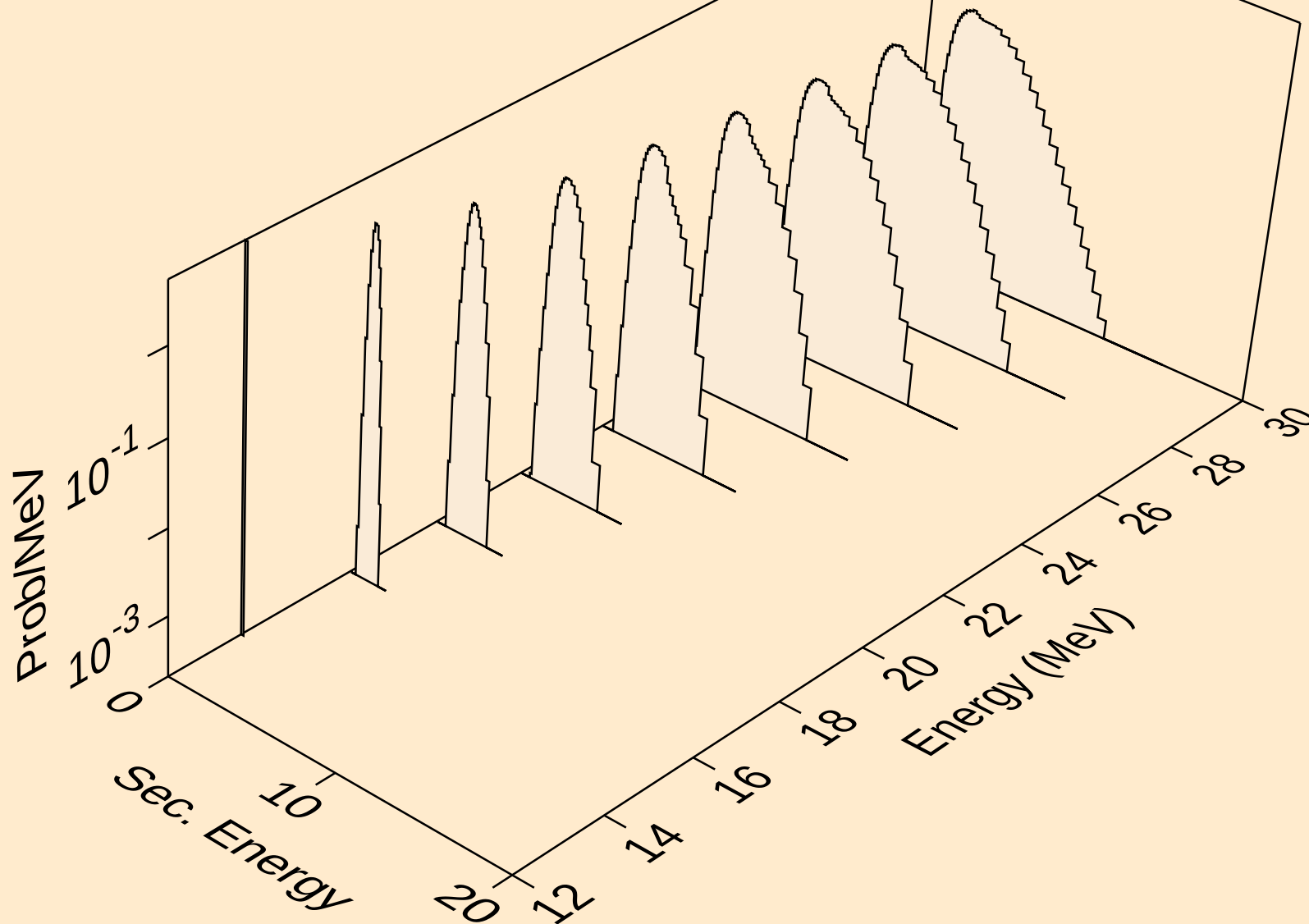
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protons from (n,2p)



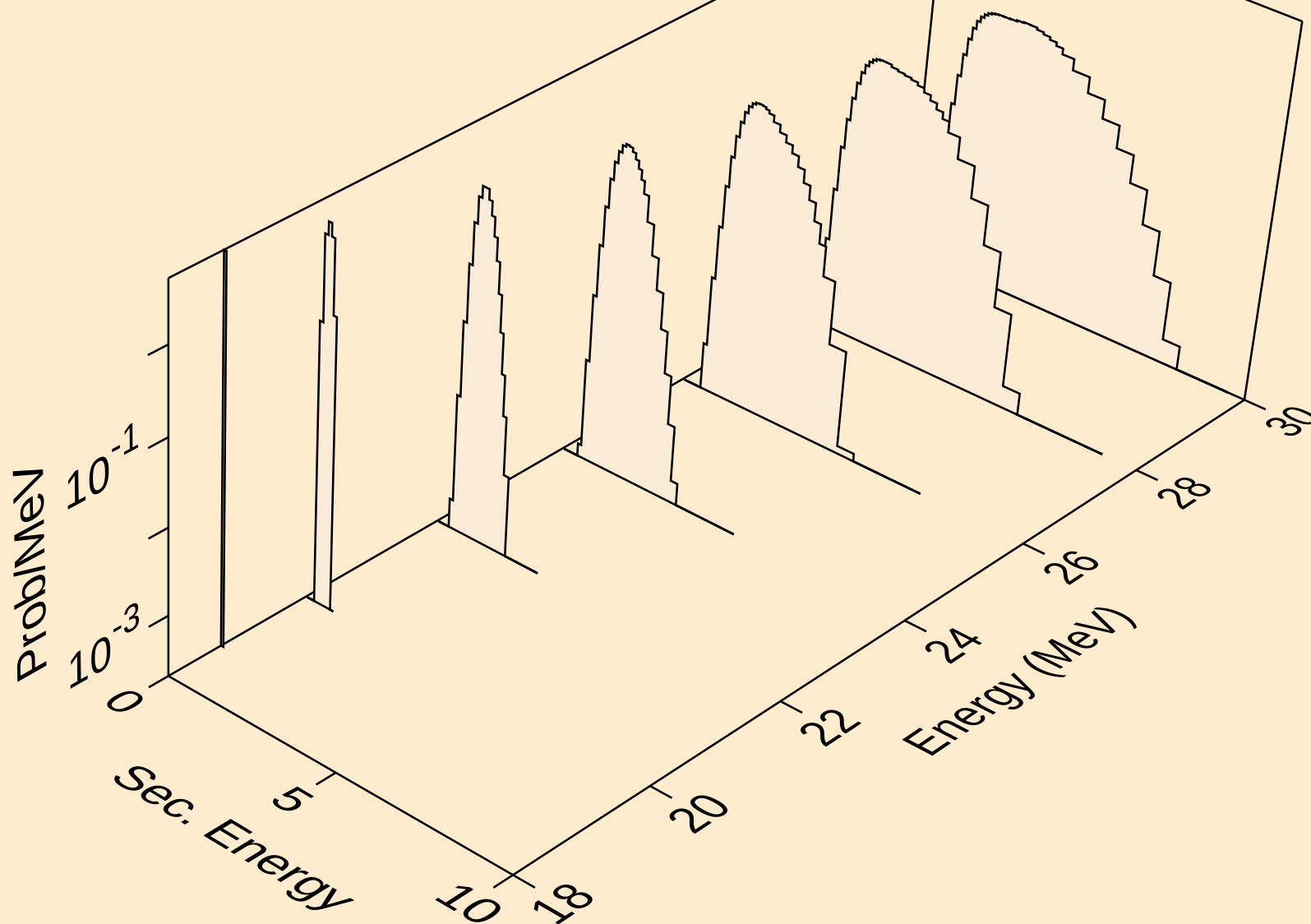
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protons from (n,p)



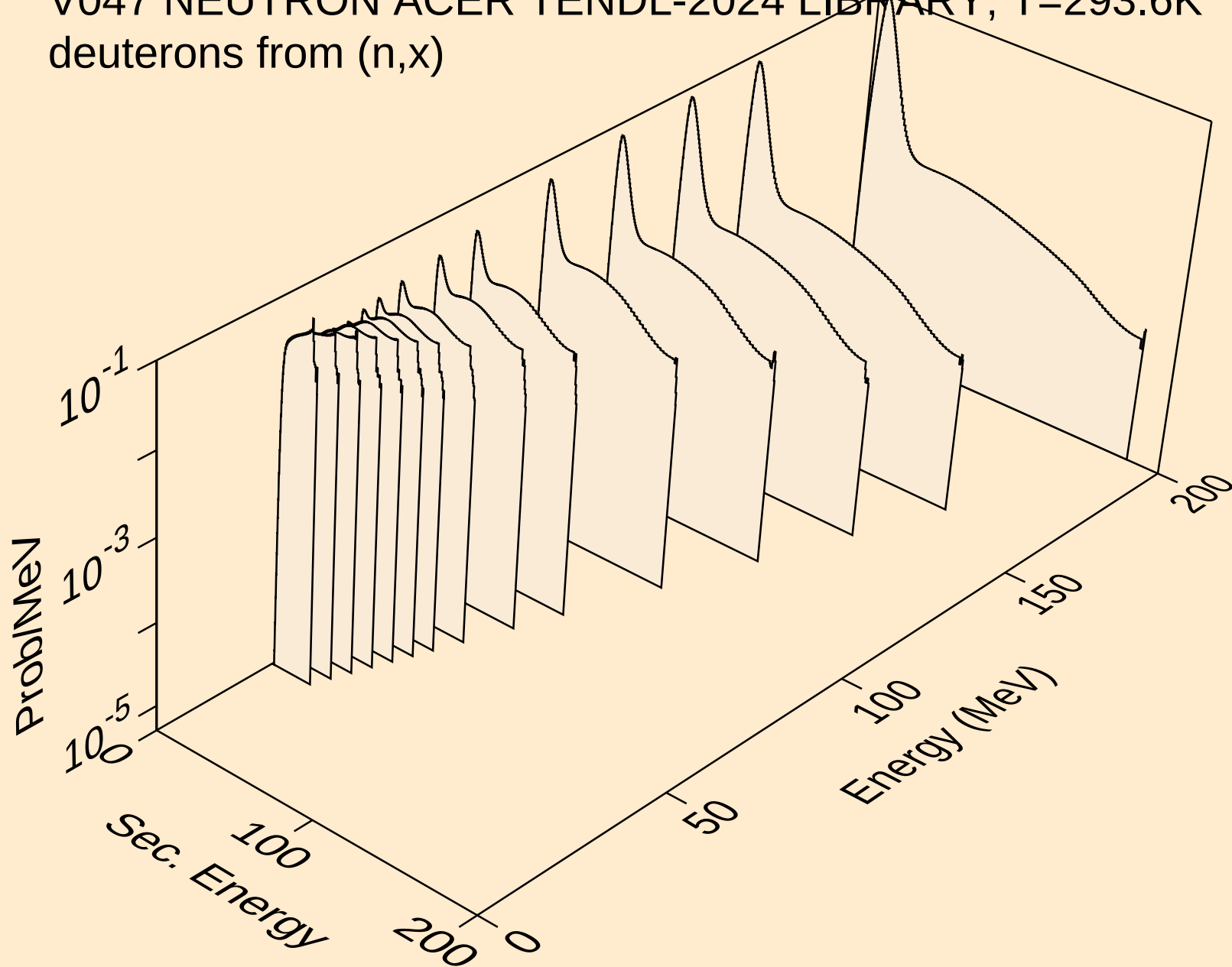
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protons from (n,pd)



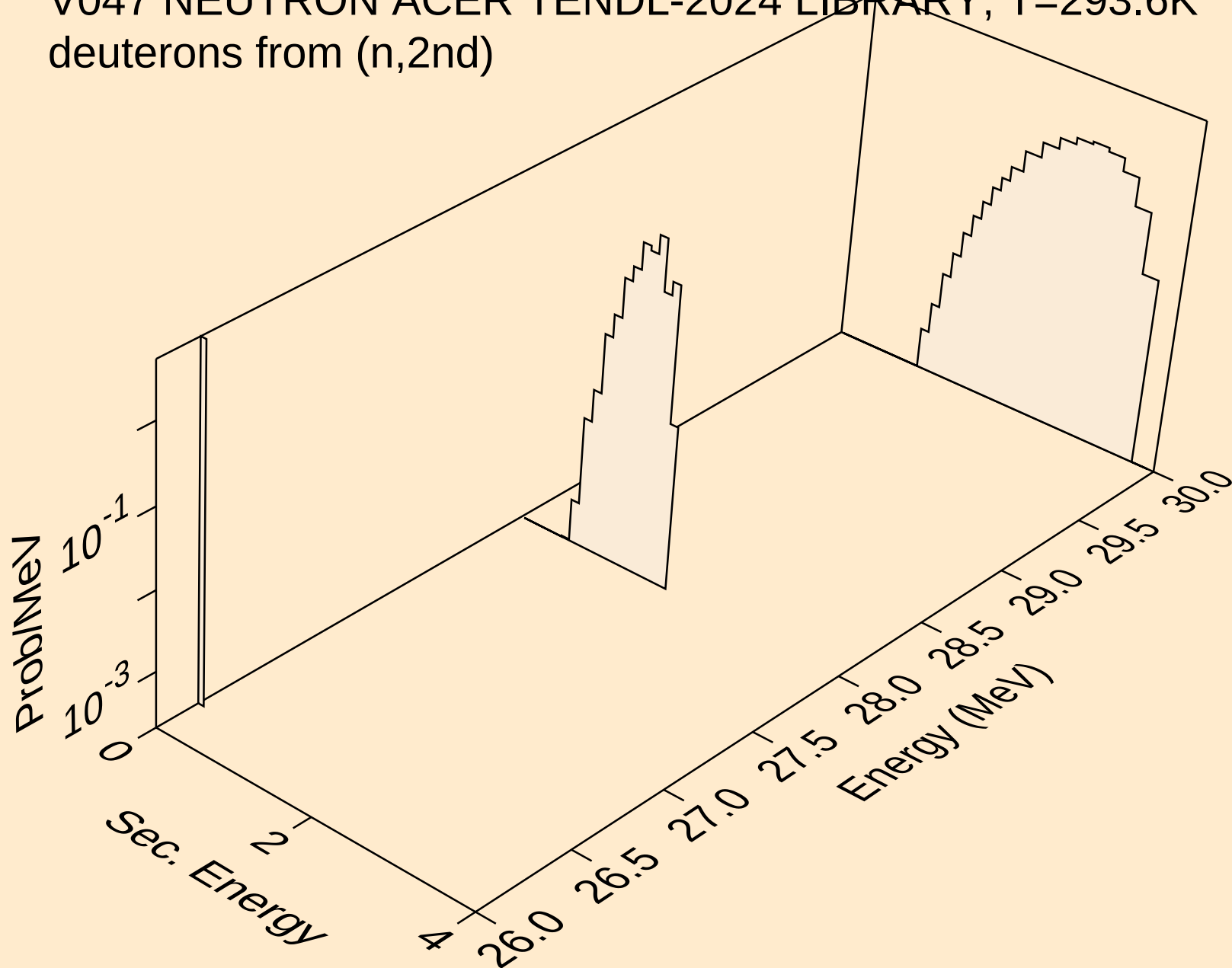
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protons from (n,pt)



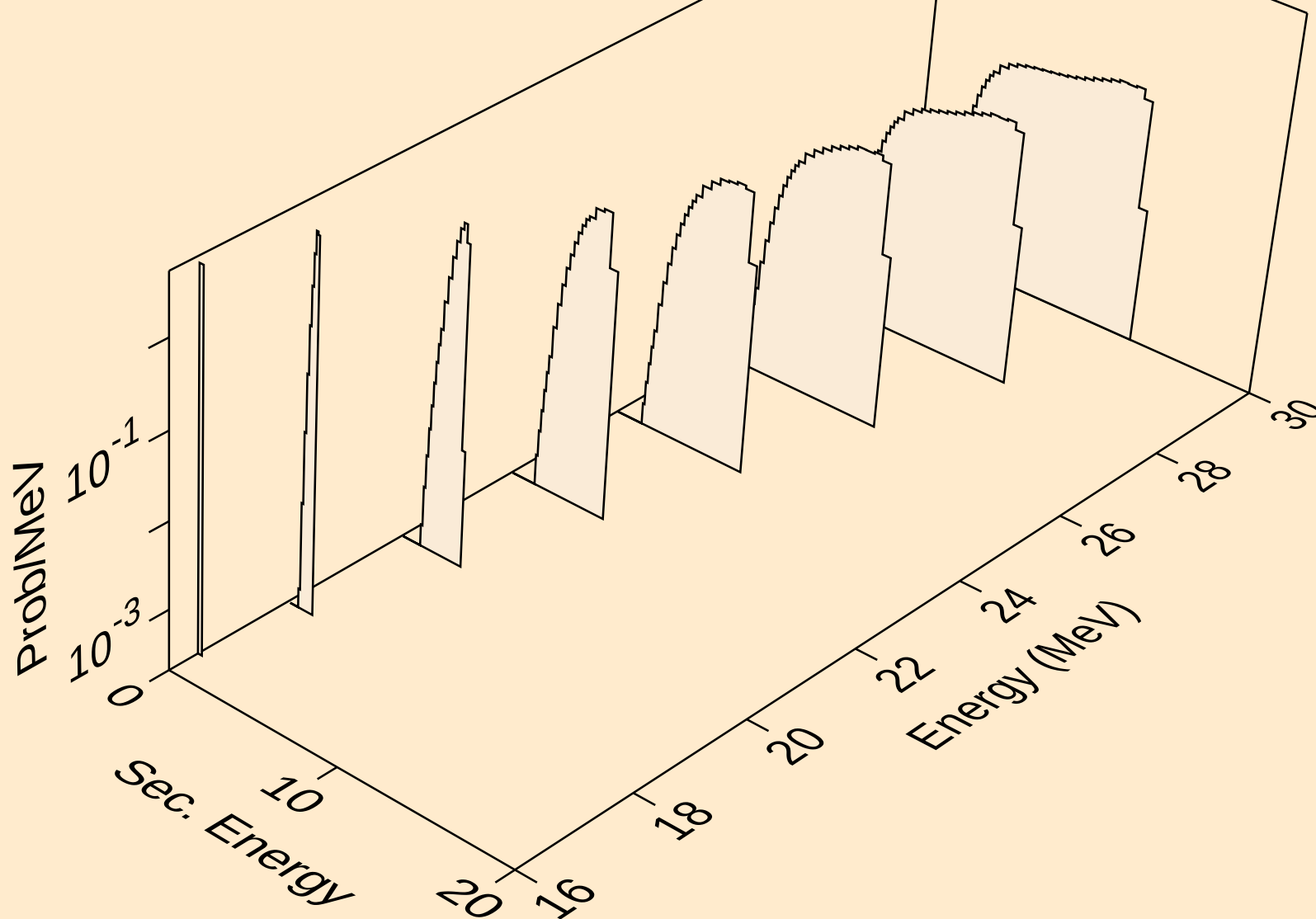
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,x)



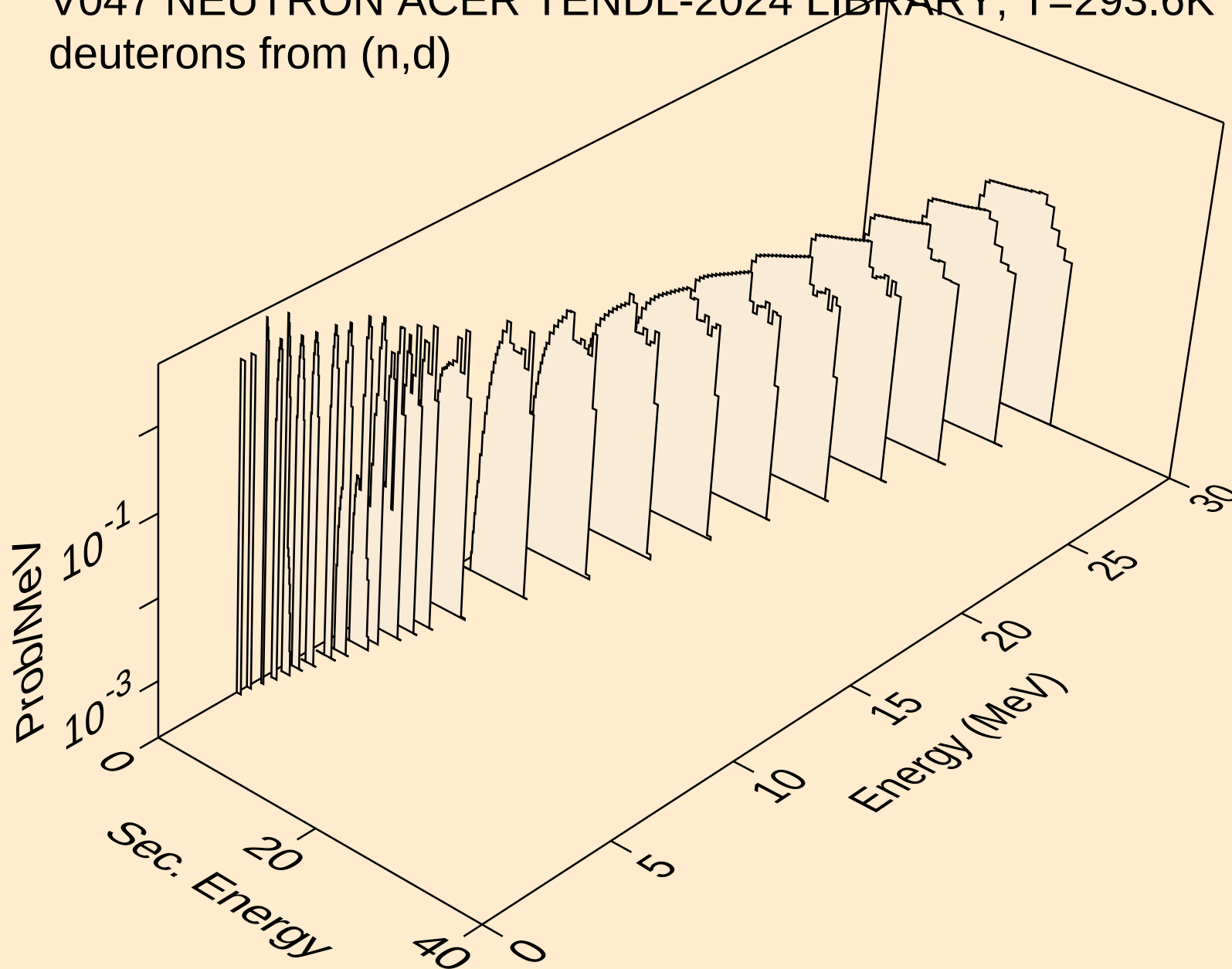
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deuterons from (n,2nd)



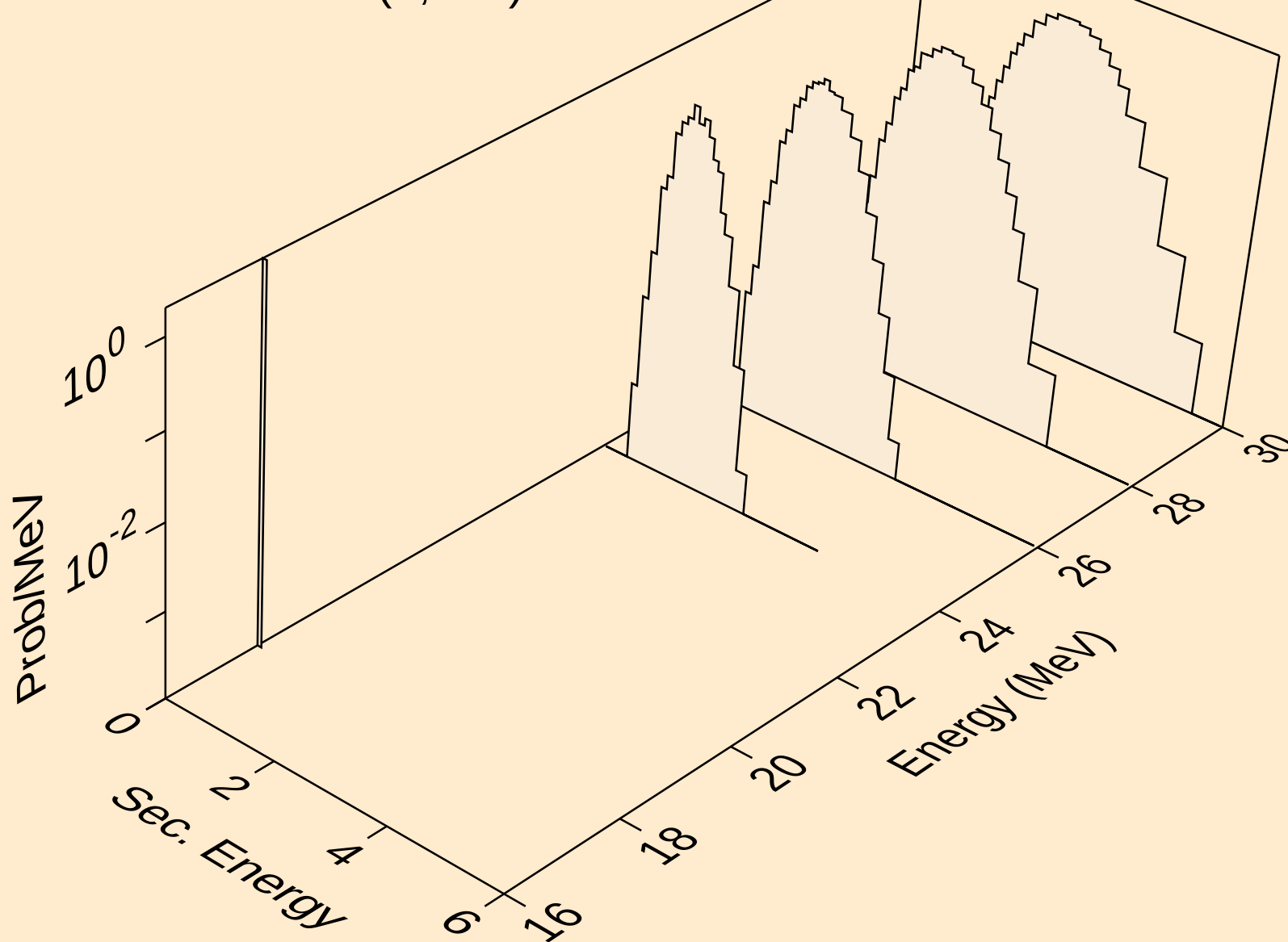
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deuterons from (n,n\*)d



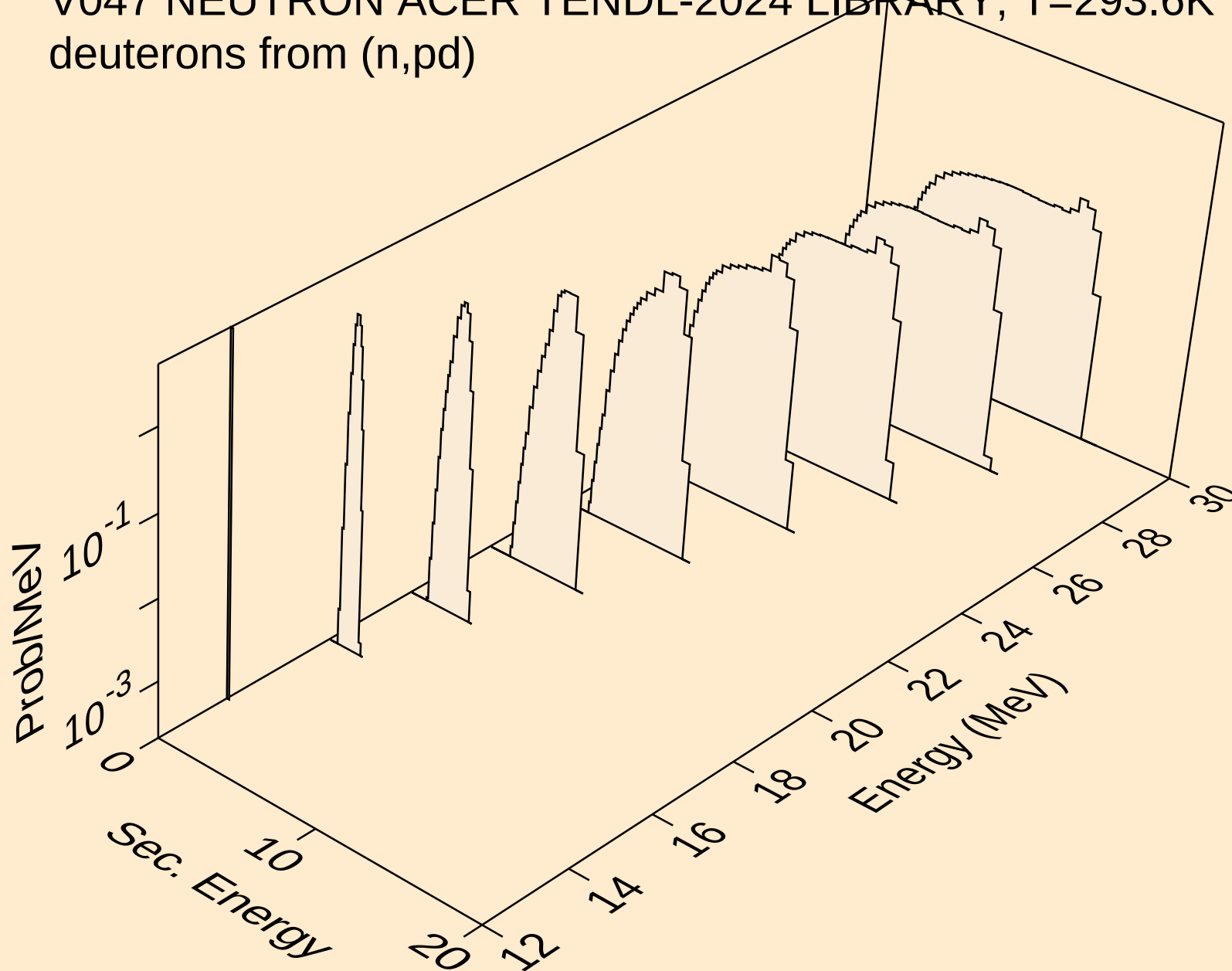
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deuterons from (n,d)



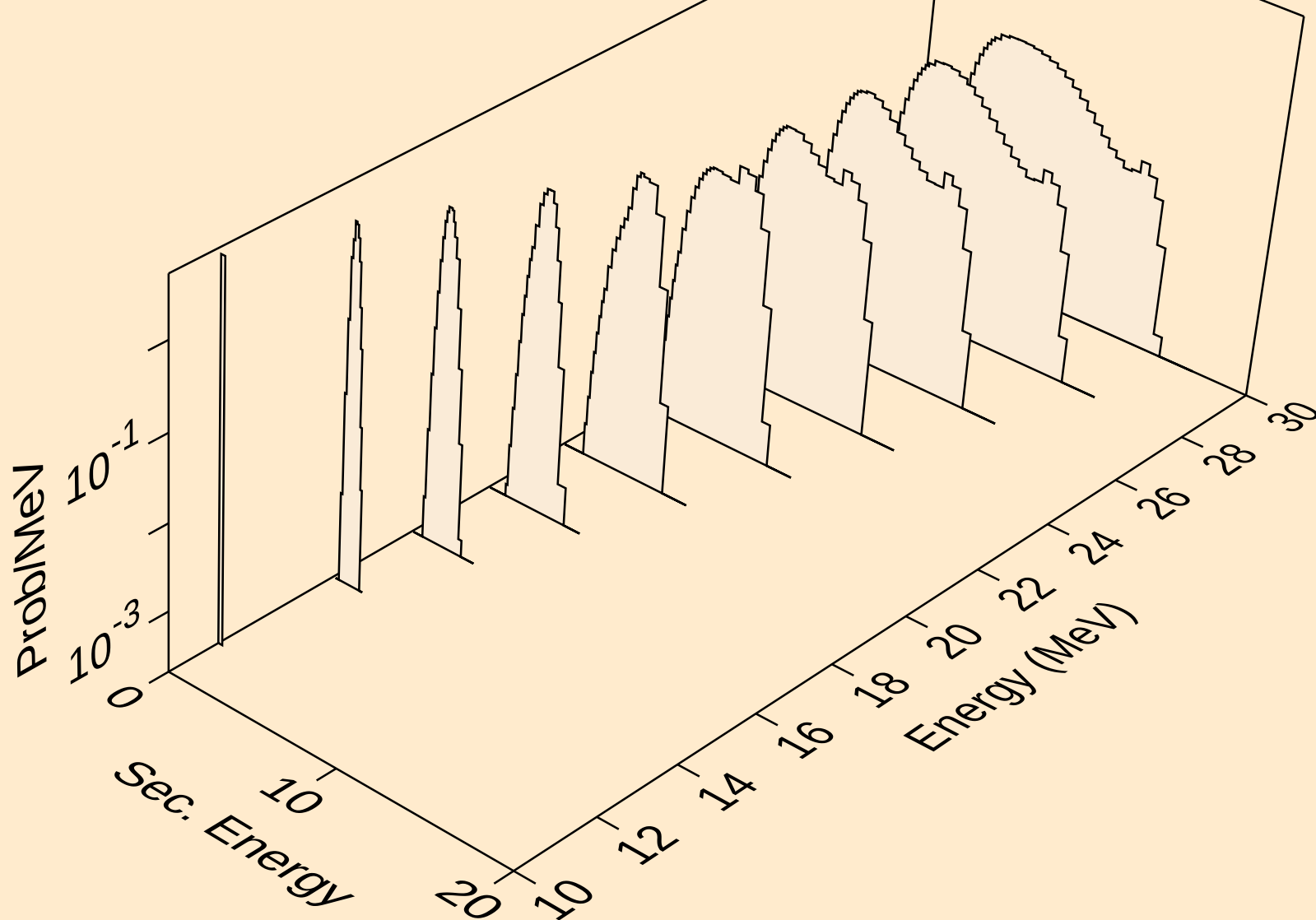
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deuterons from (n,d2a)



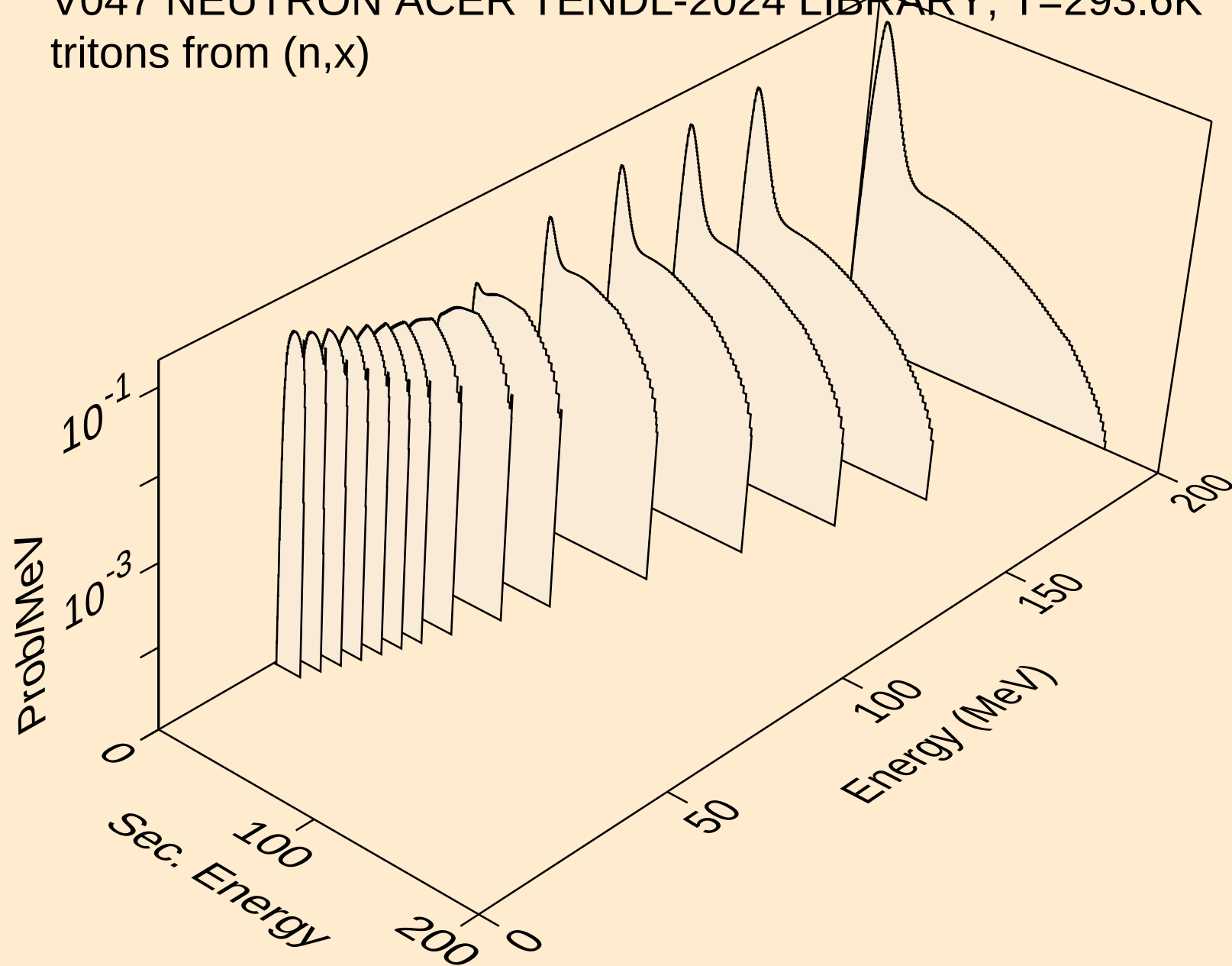
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deuterons from (n,pd)



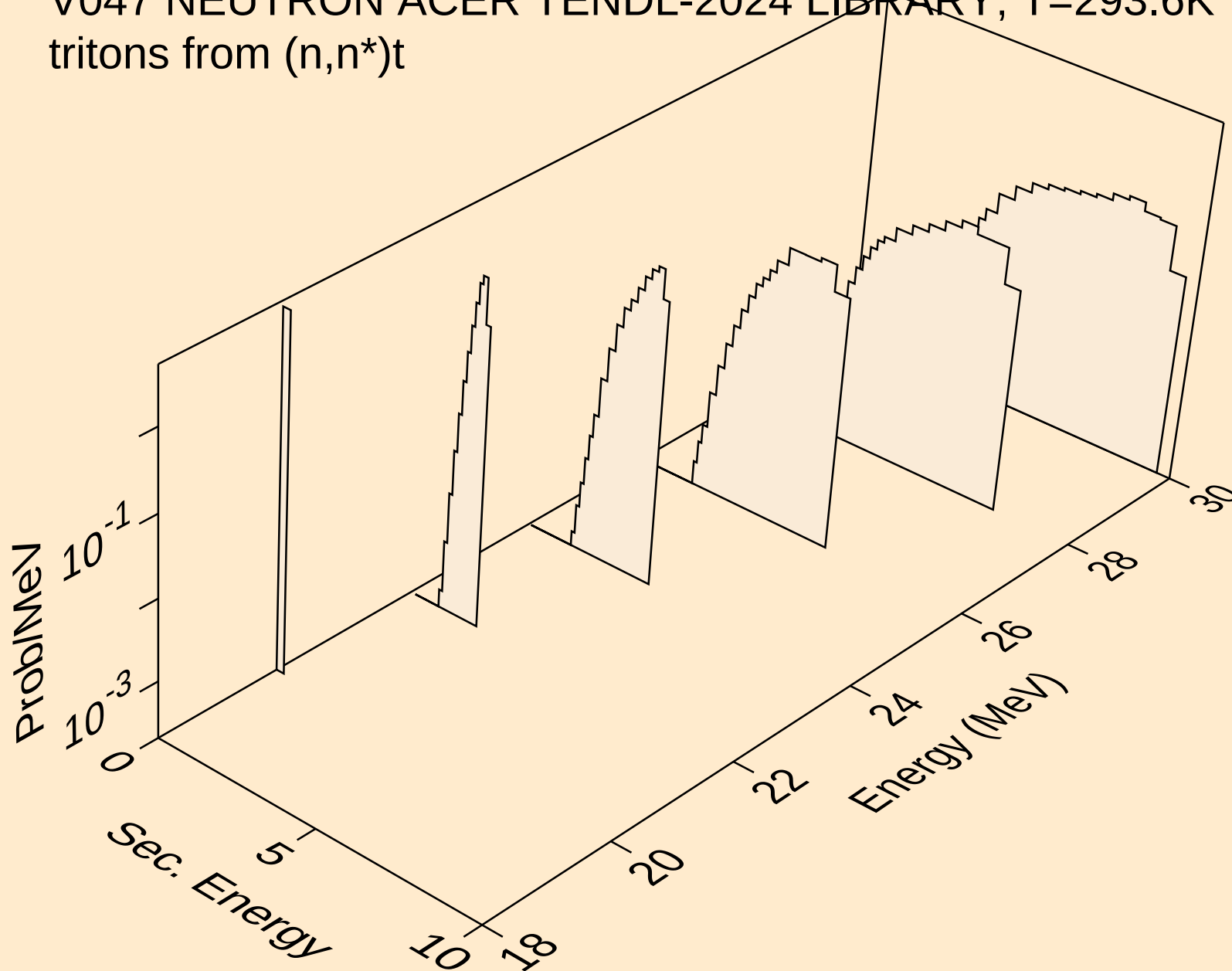
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deuterons from (n,da)



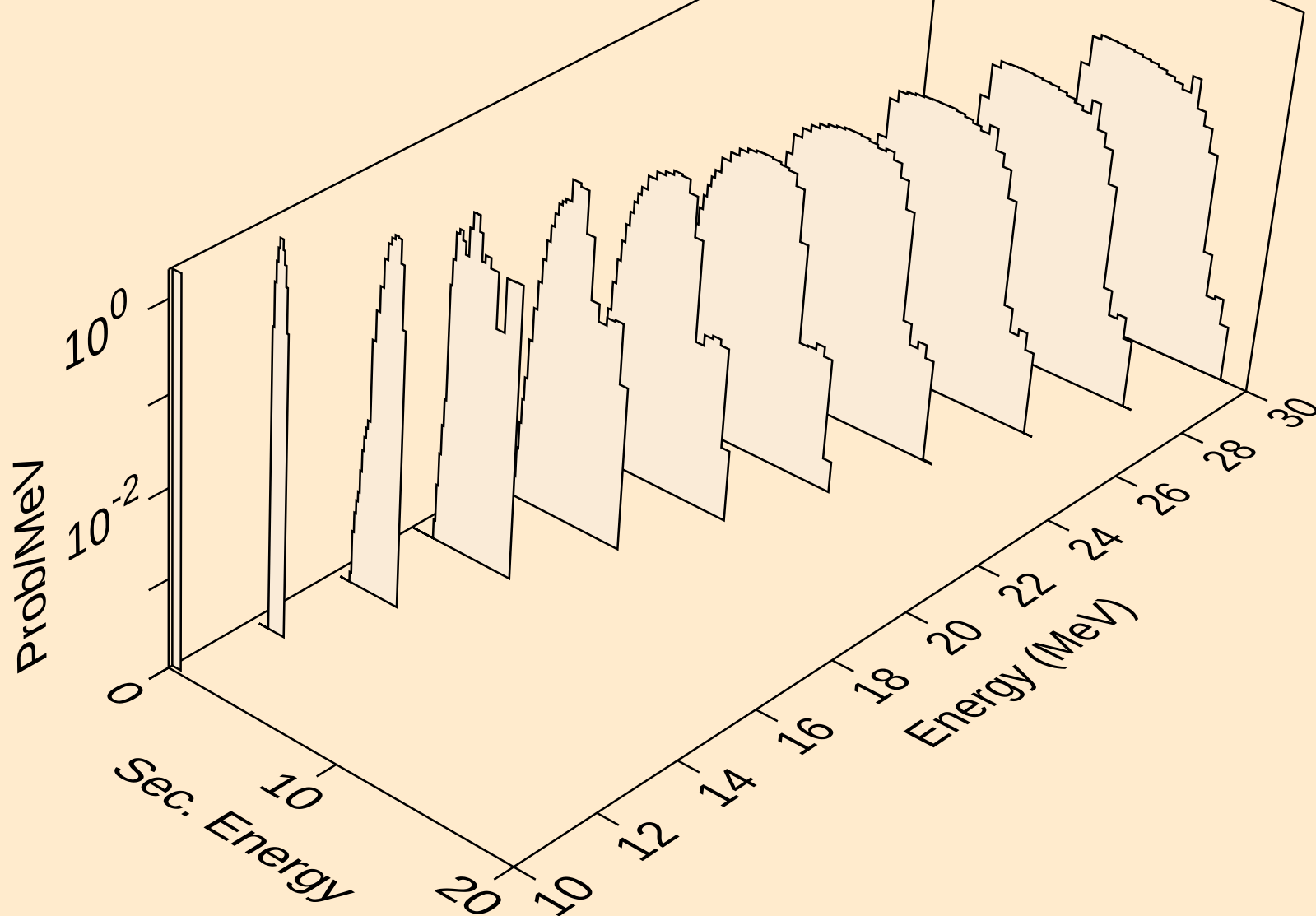
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,x)



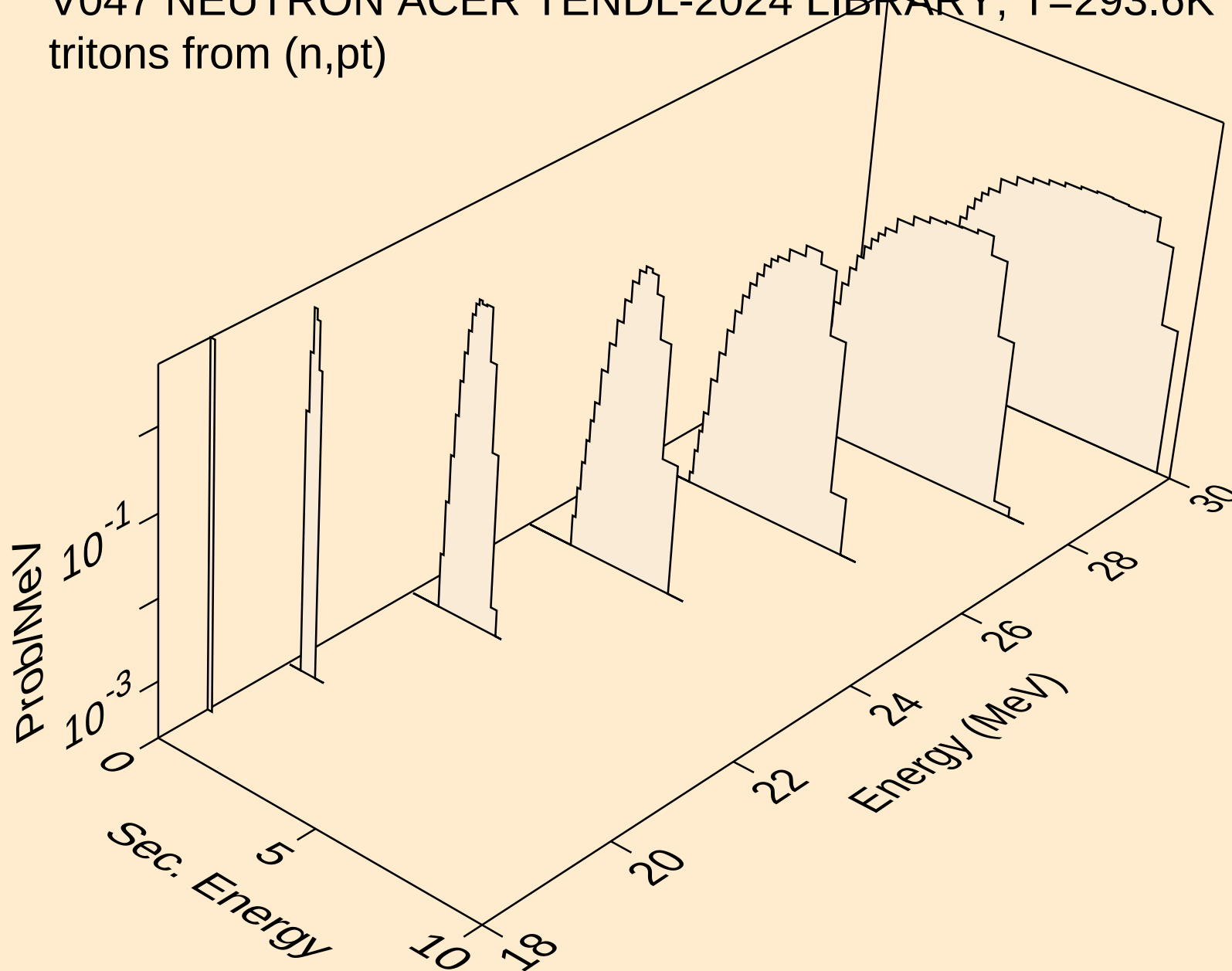
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



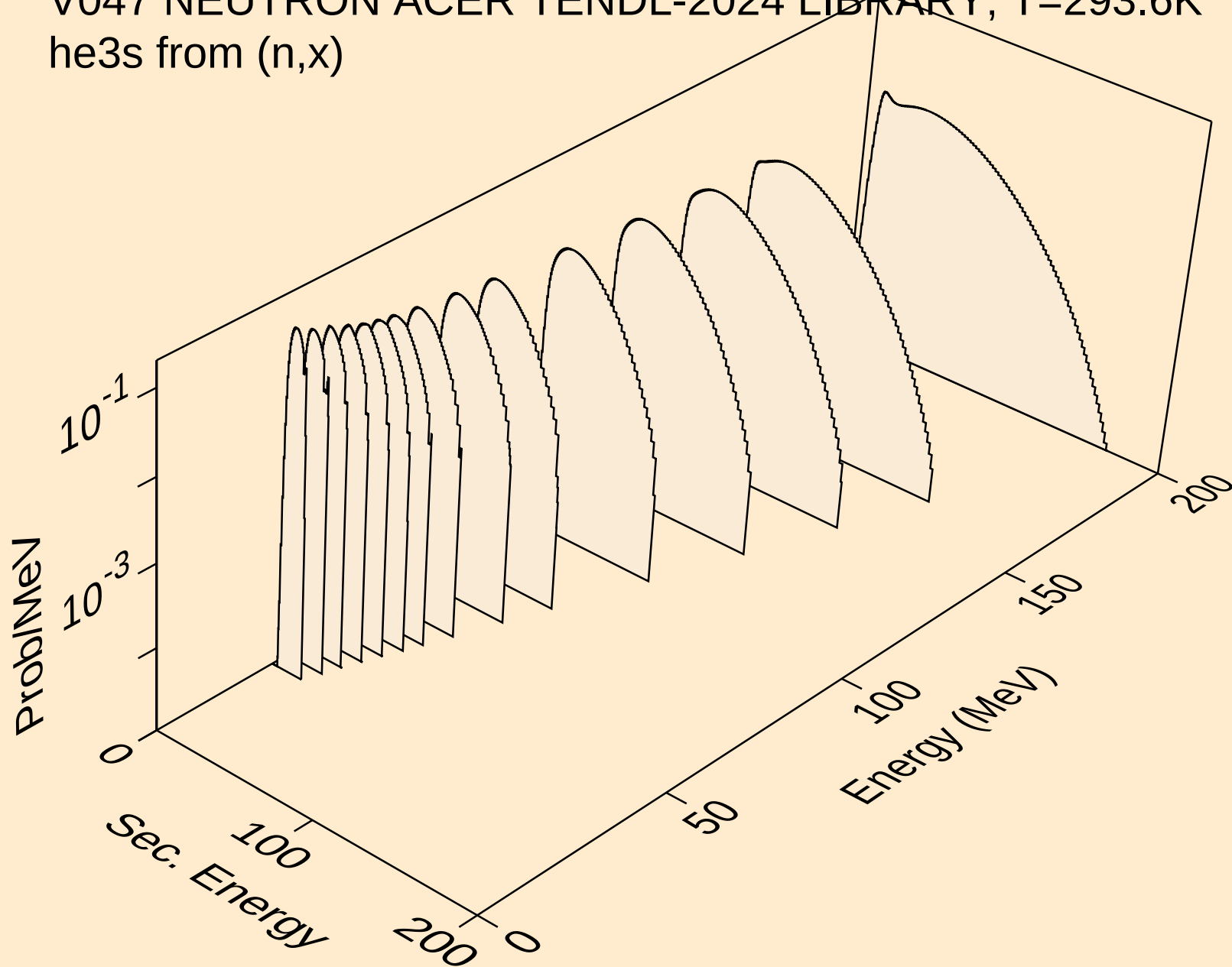
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tritons from (n,t)



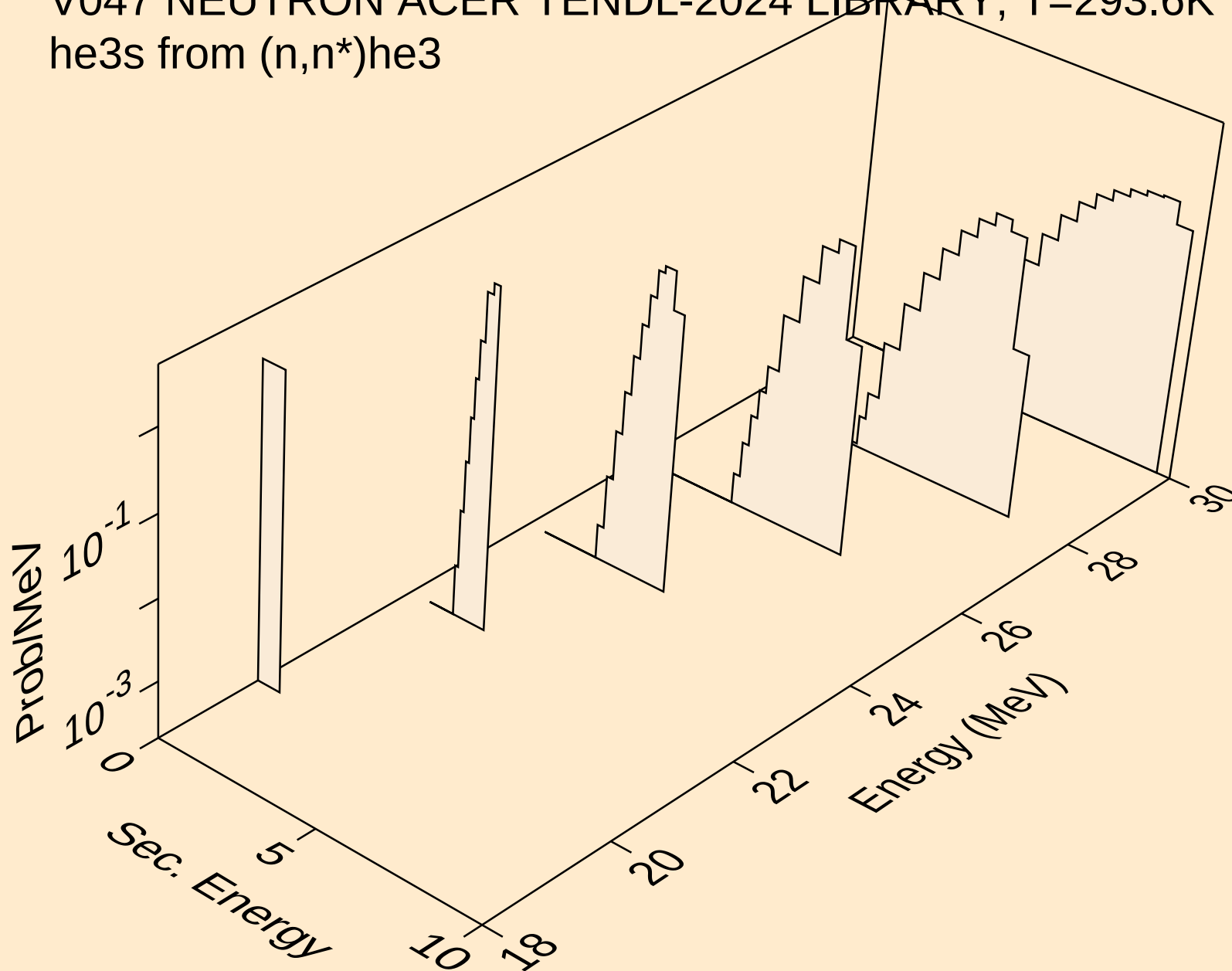
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tritons from (n,pt)



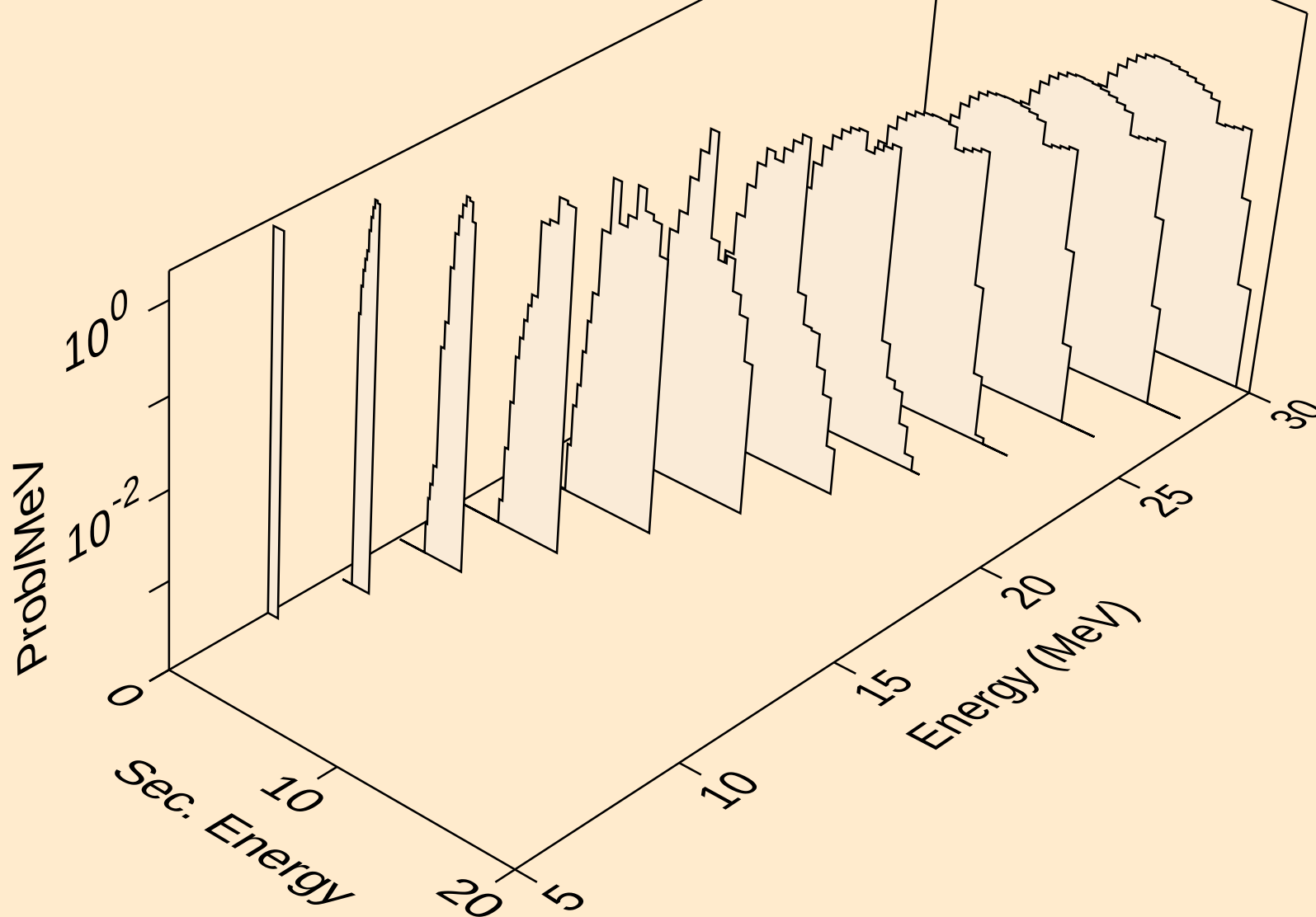
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)



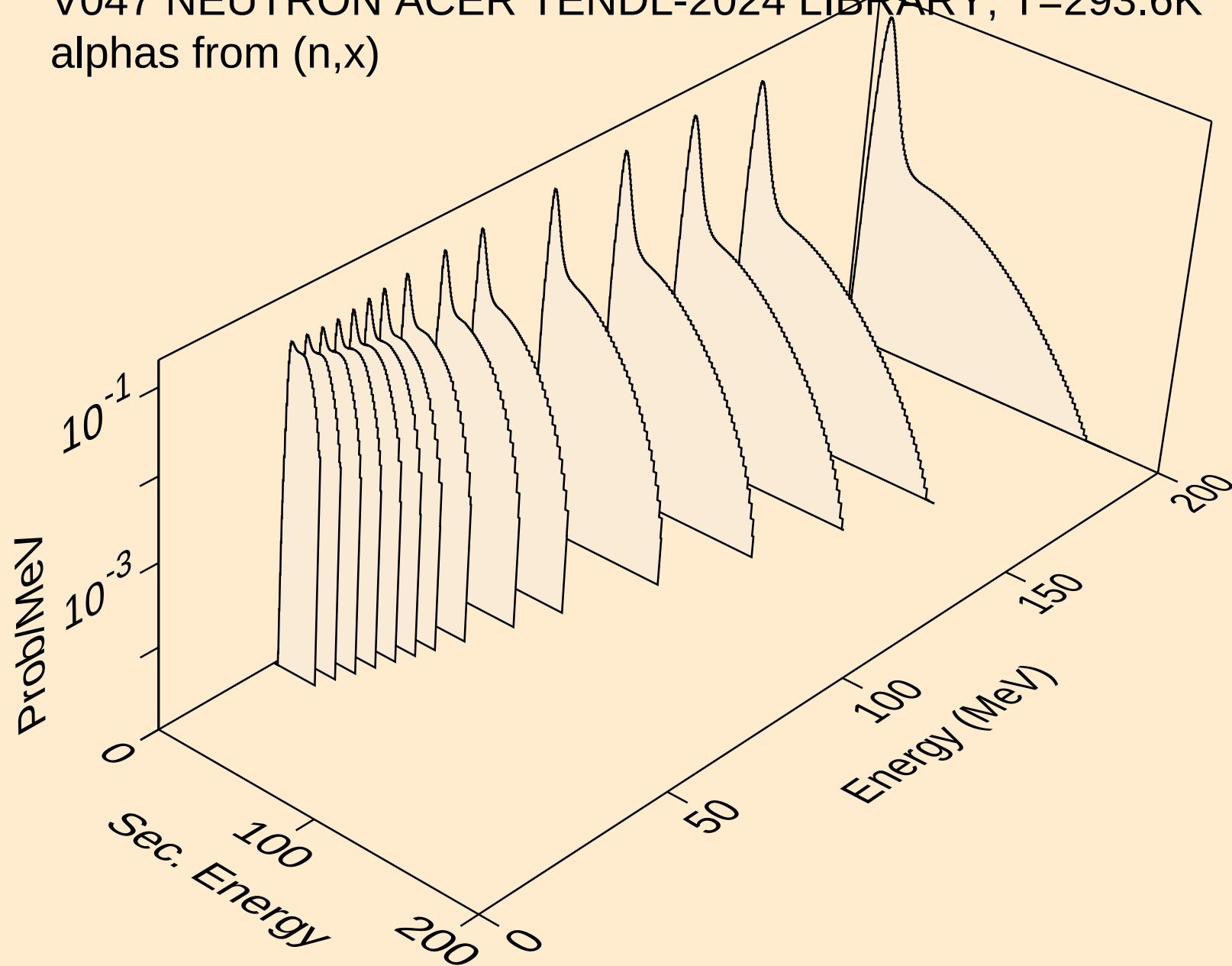
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he3s from (n,n\*)he3



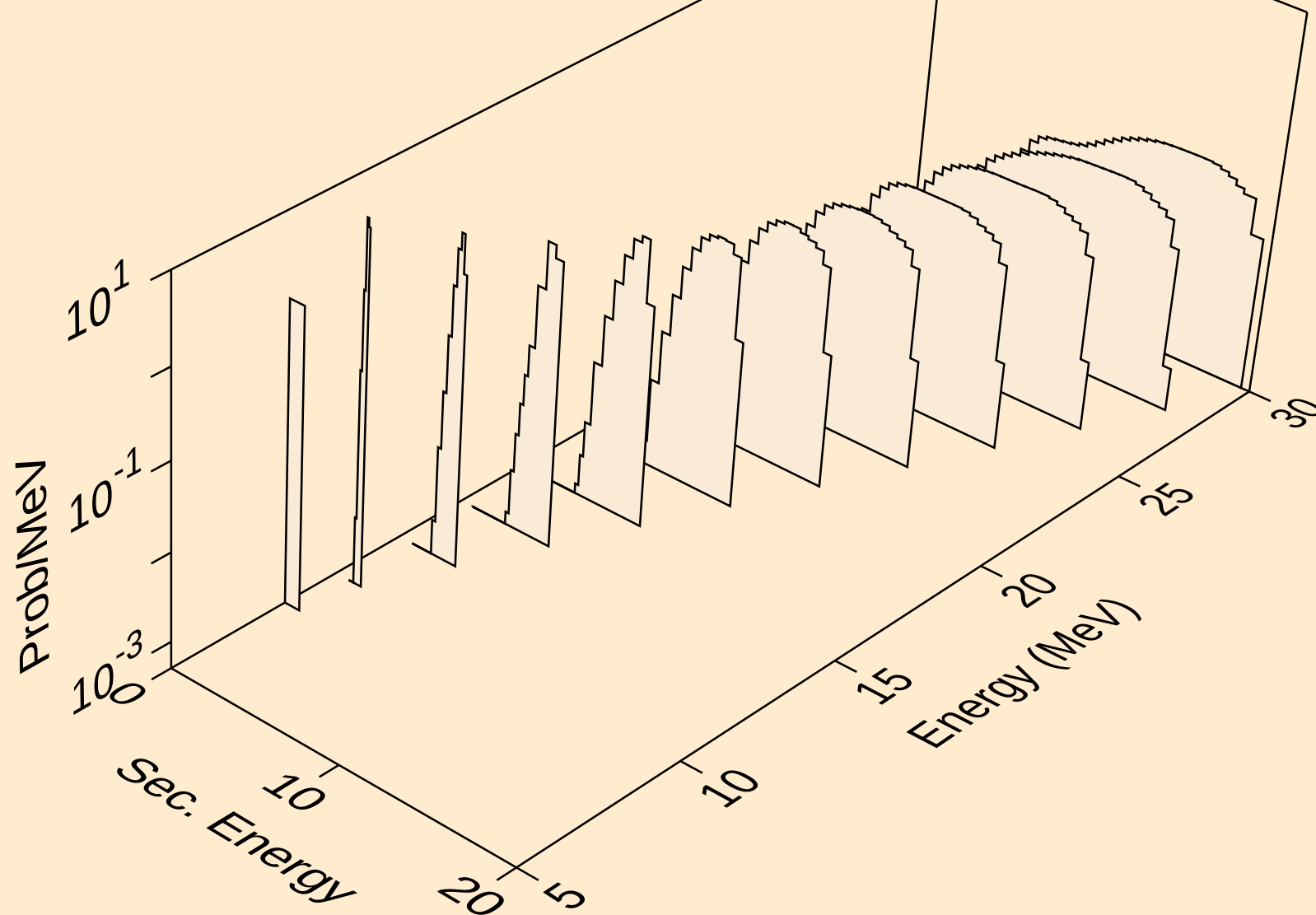
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he3s from (n,he3)



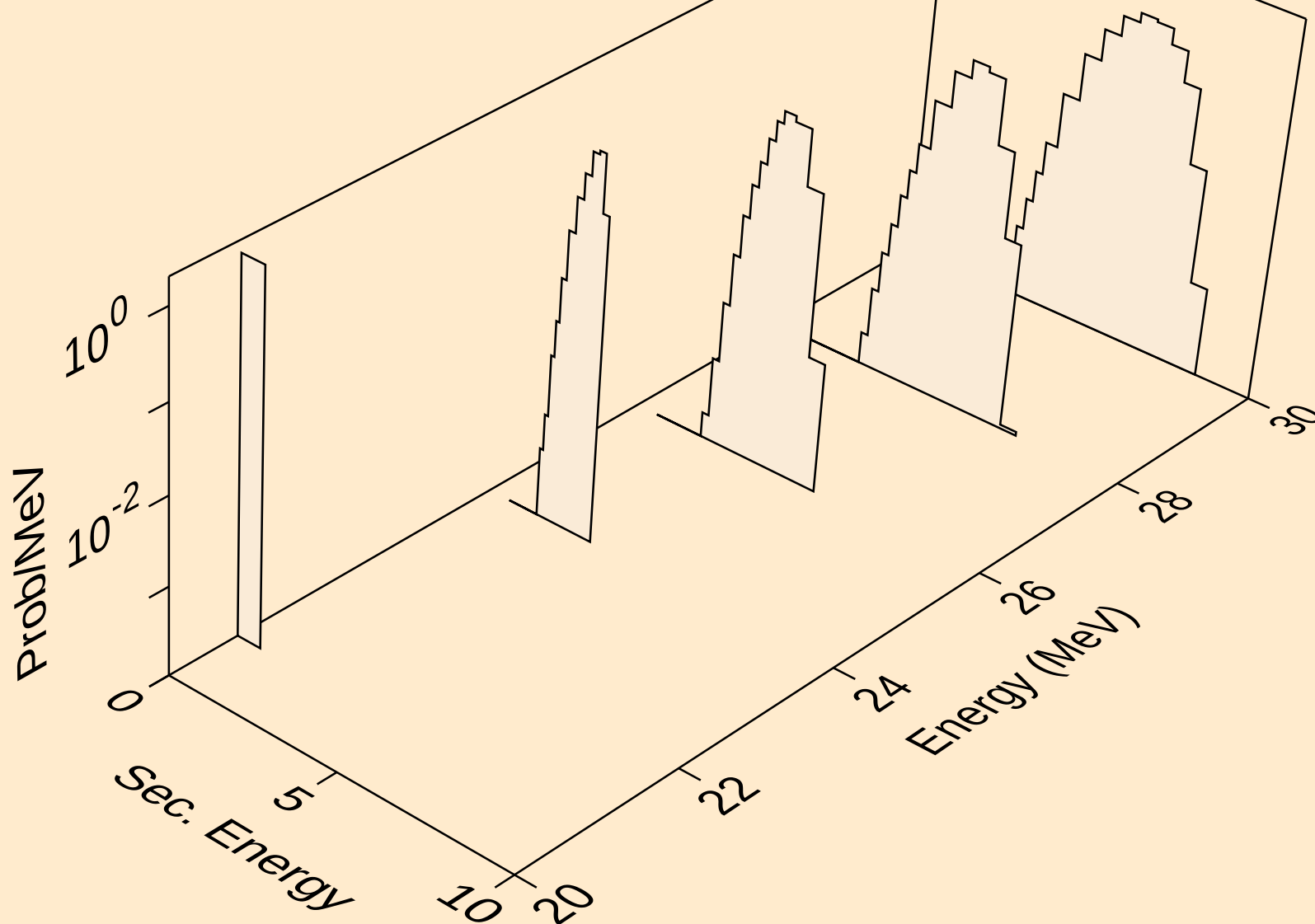
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alphas from (n,x)



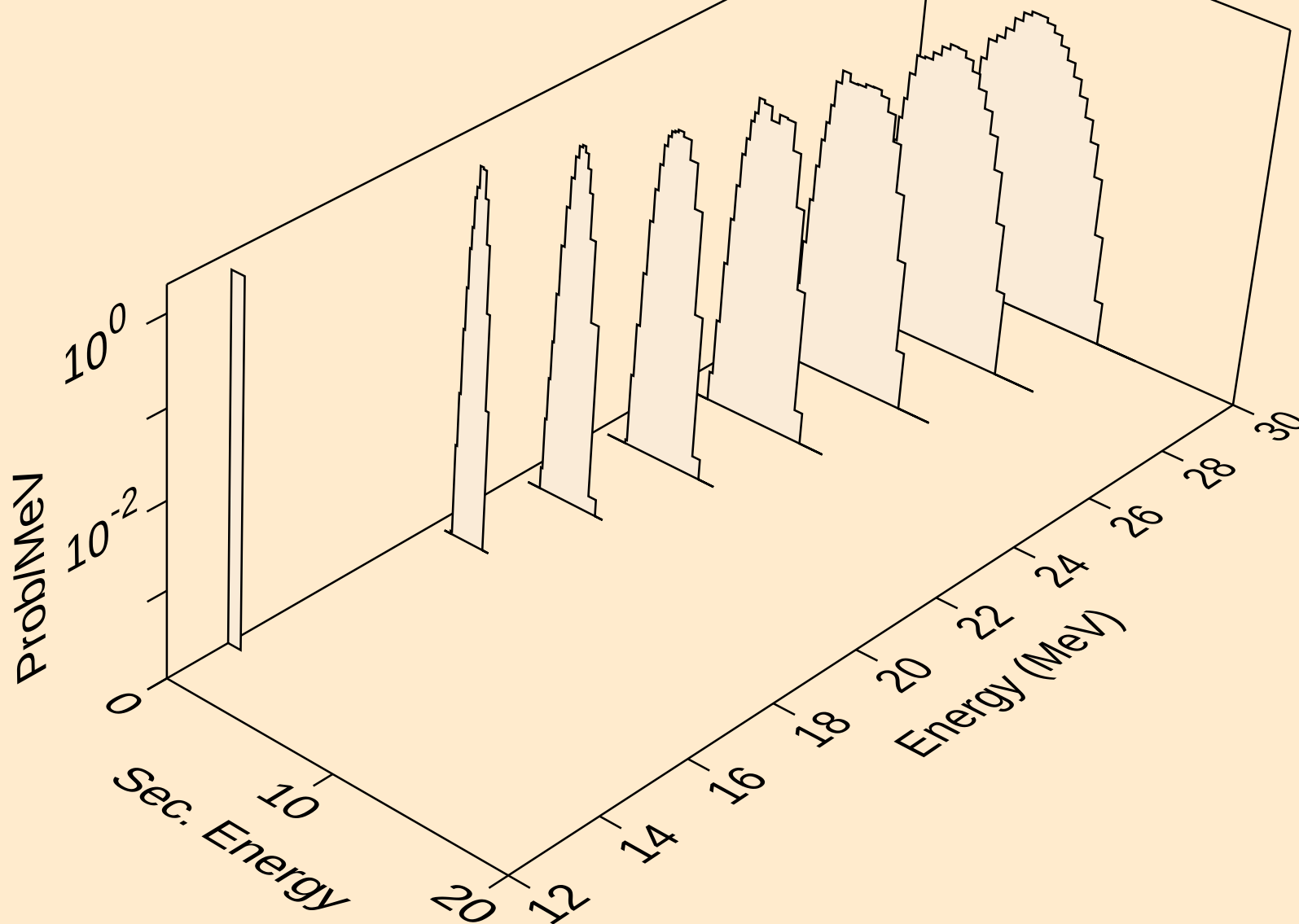
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alphas from (n,n\*)a



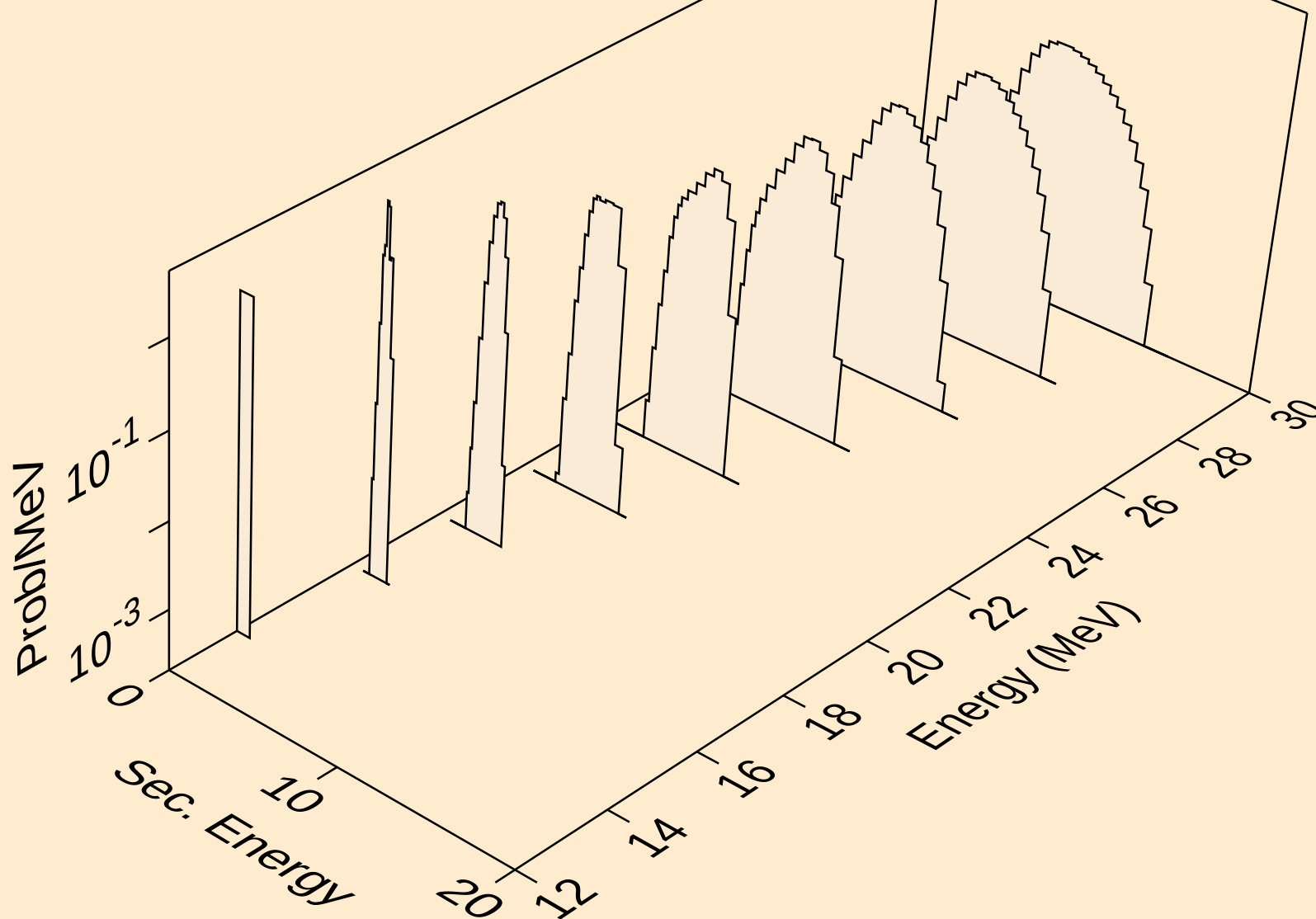
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alphas from (n,2n)a



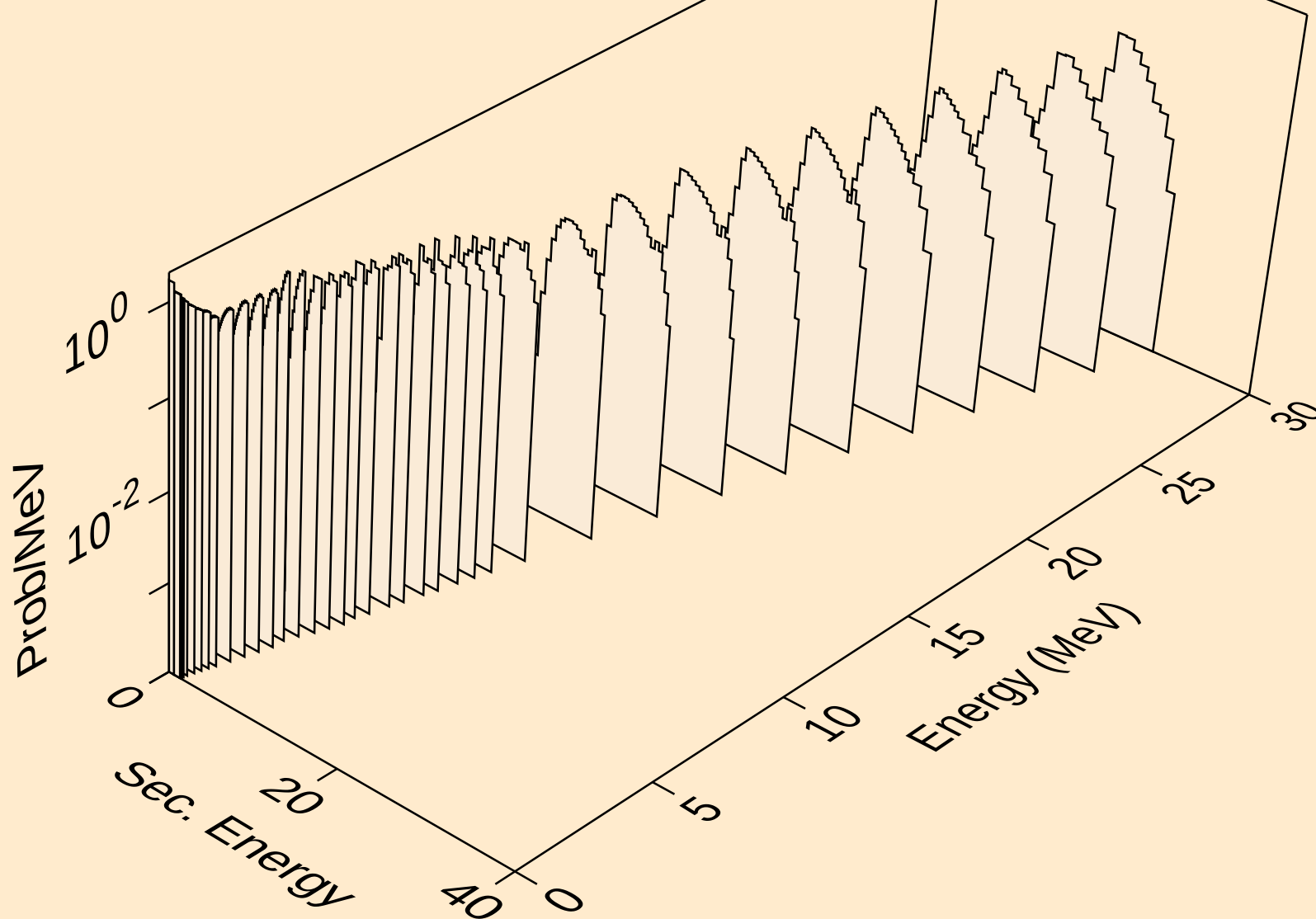
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alphas from (n,n\*)2a



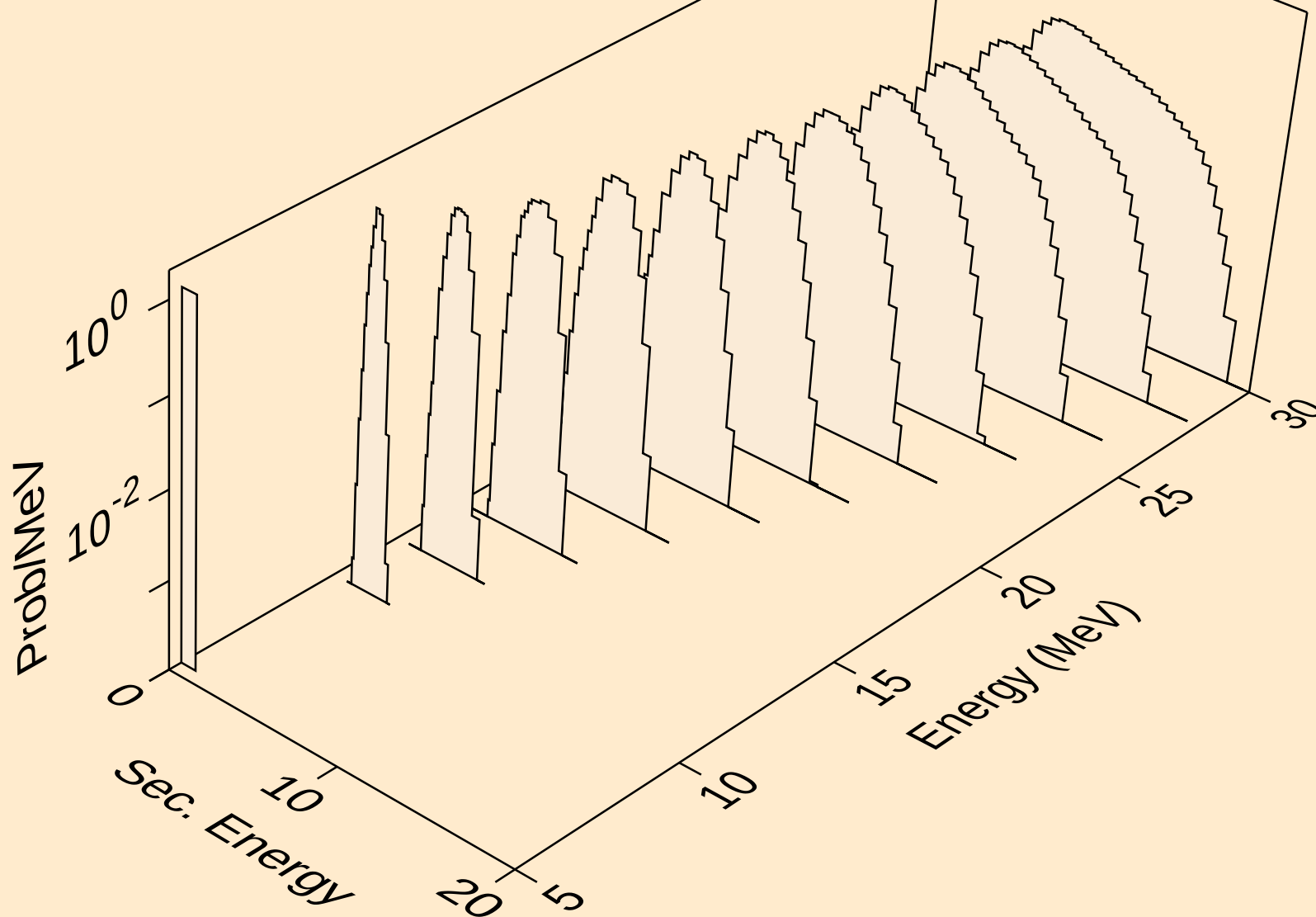
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alphas from (n,npa)



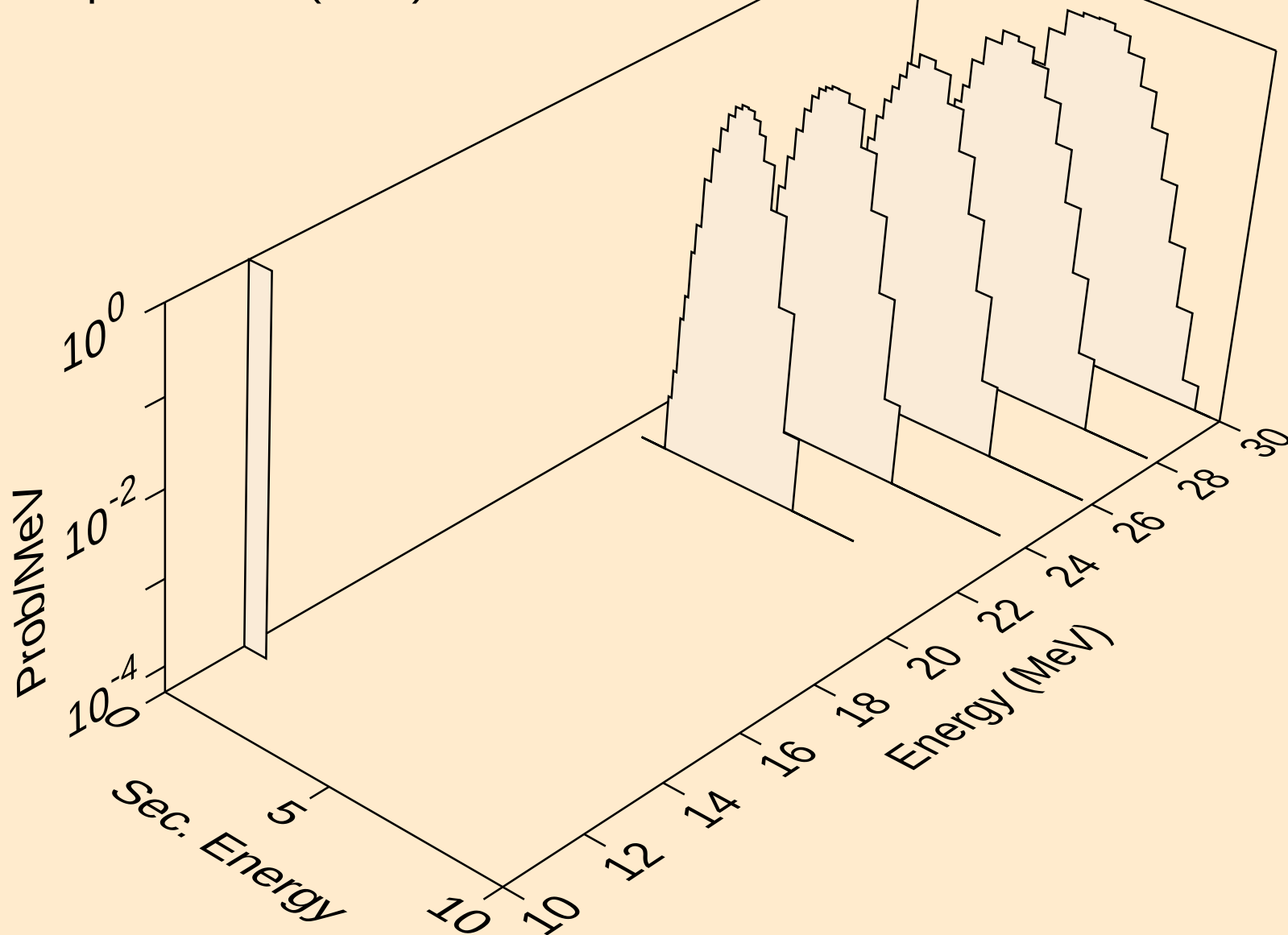
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alphas from (n,a)



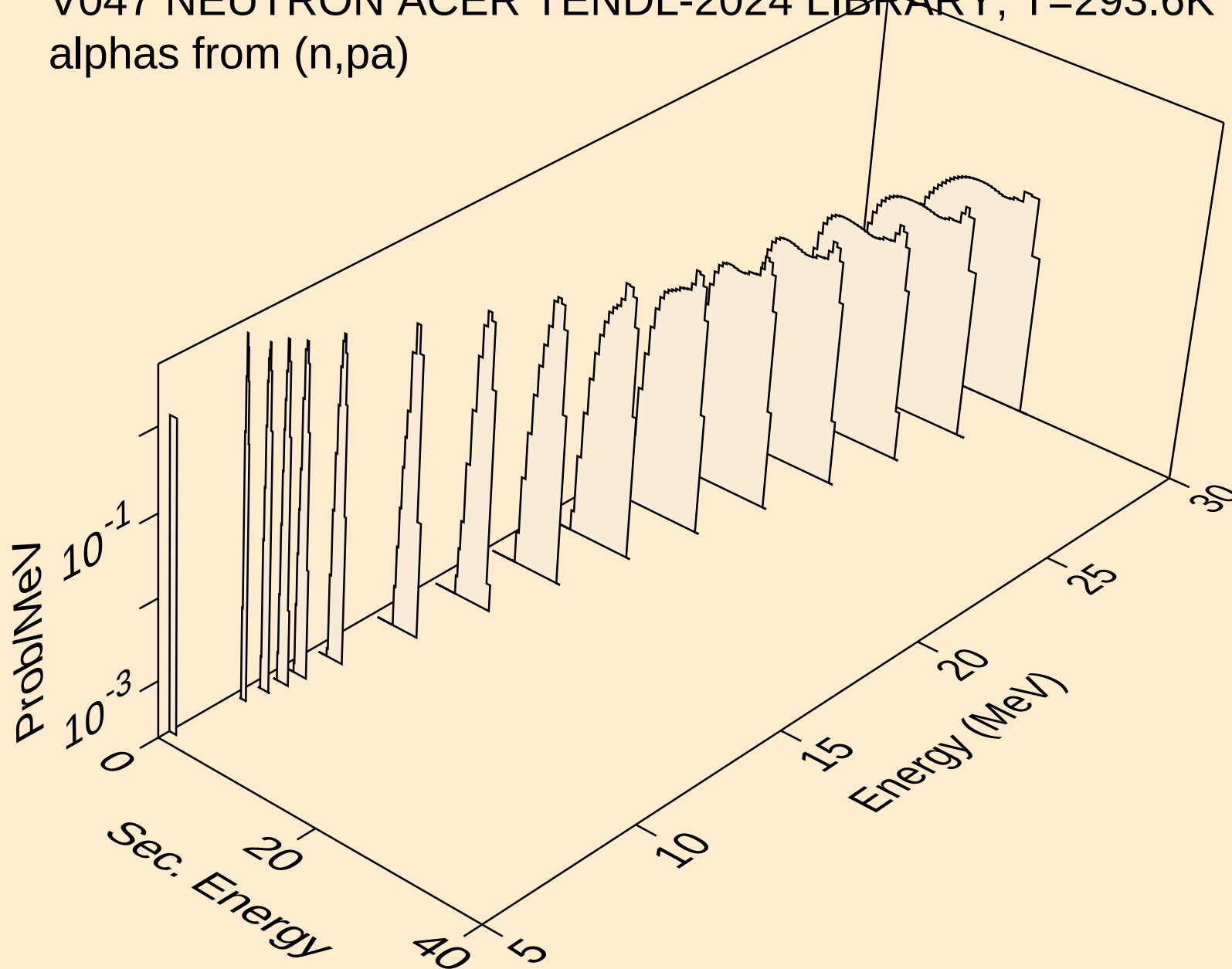
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alphas from (n,2a)



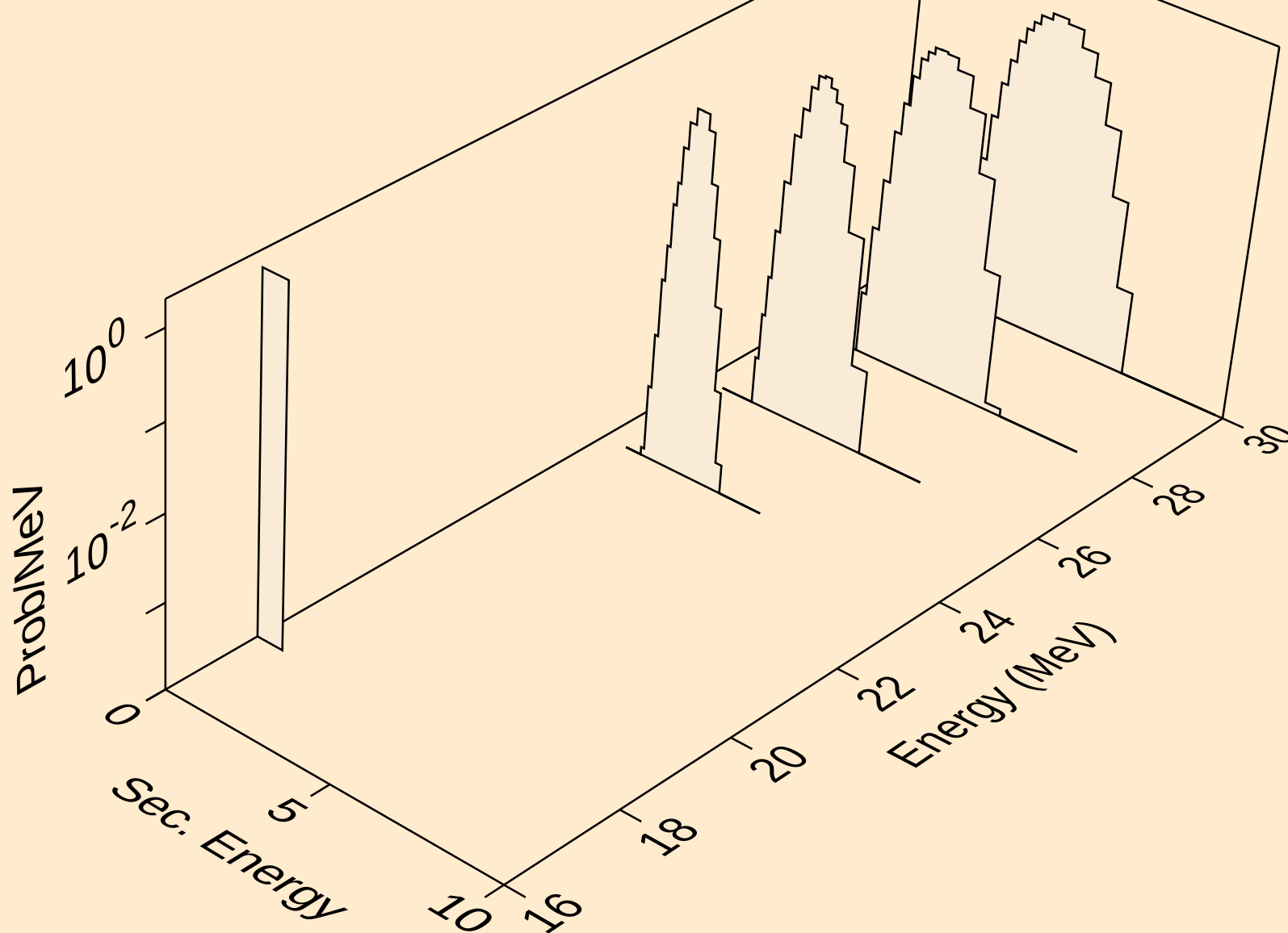
V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3a)



V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,p)



V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,d2a)



V047 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,da)

