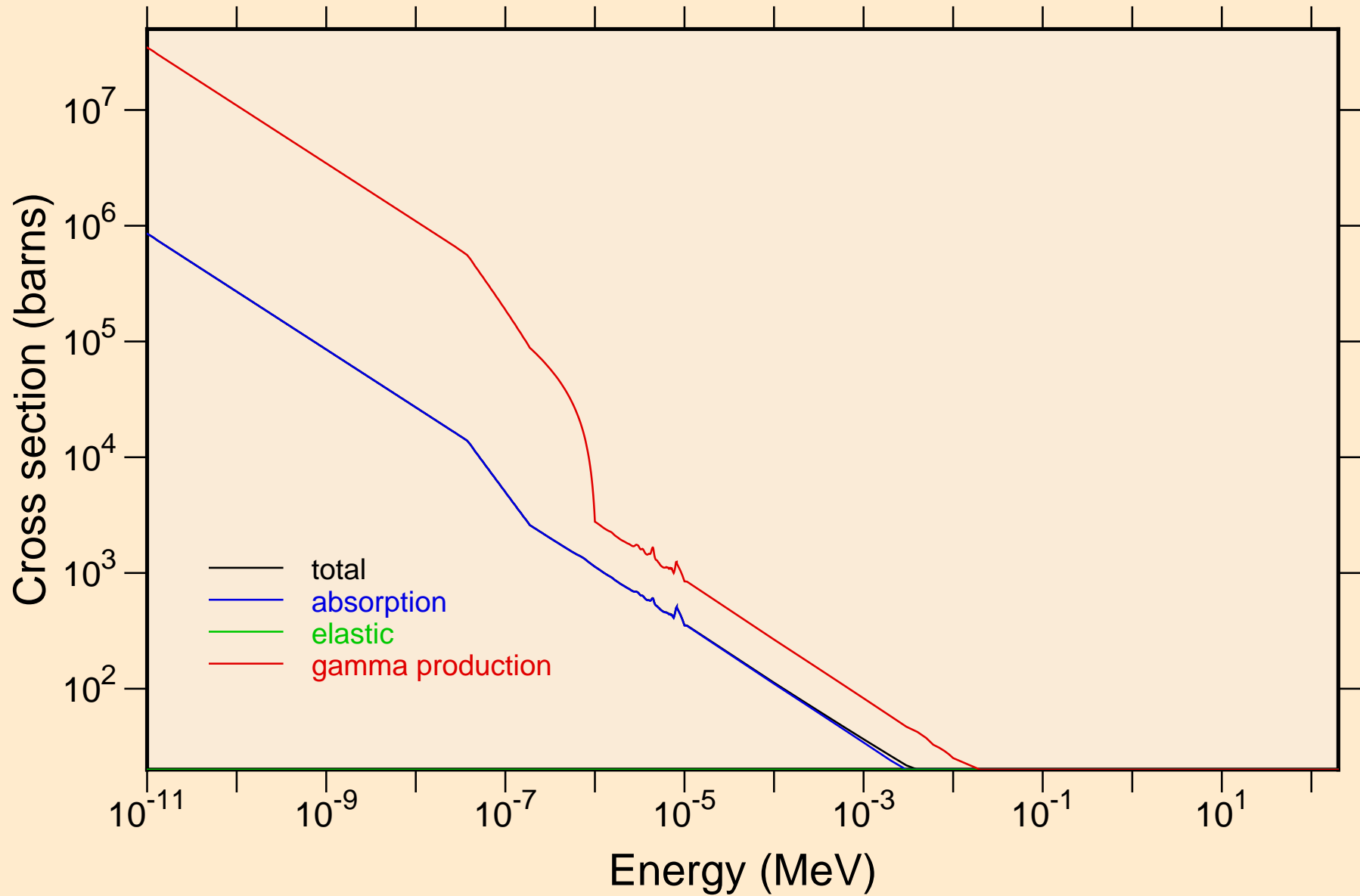


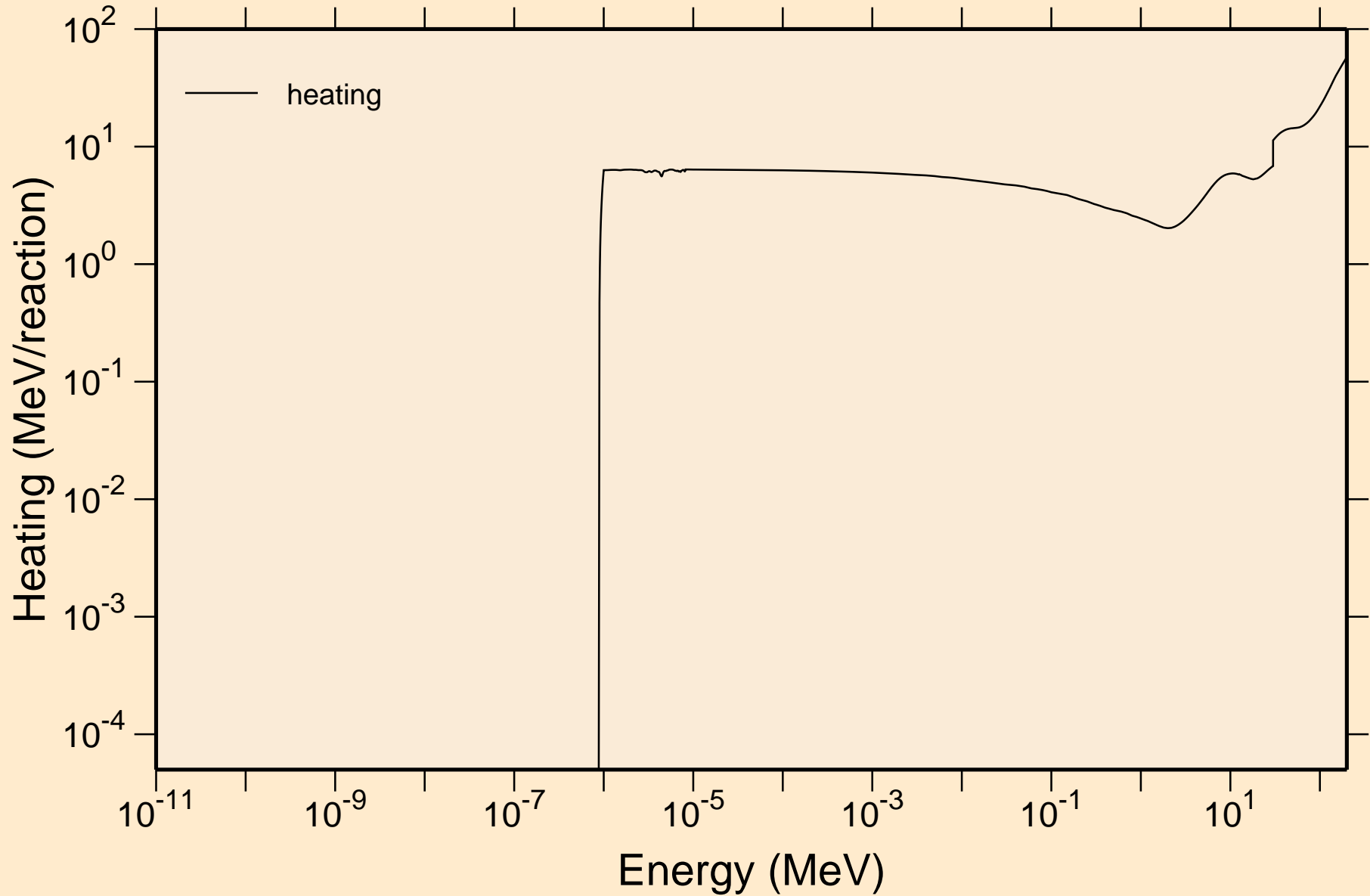
# PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



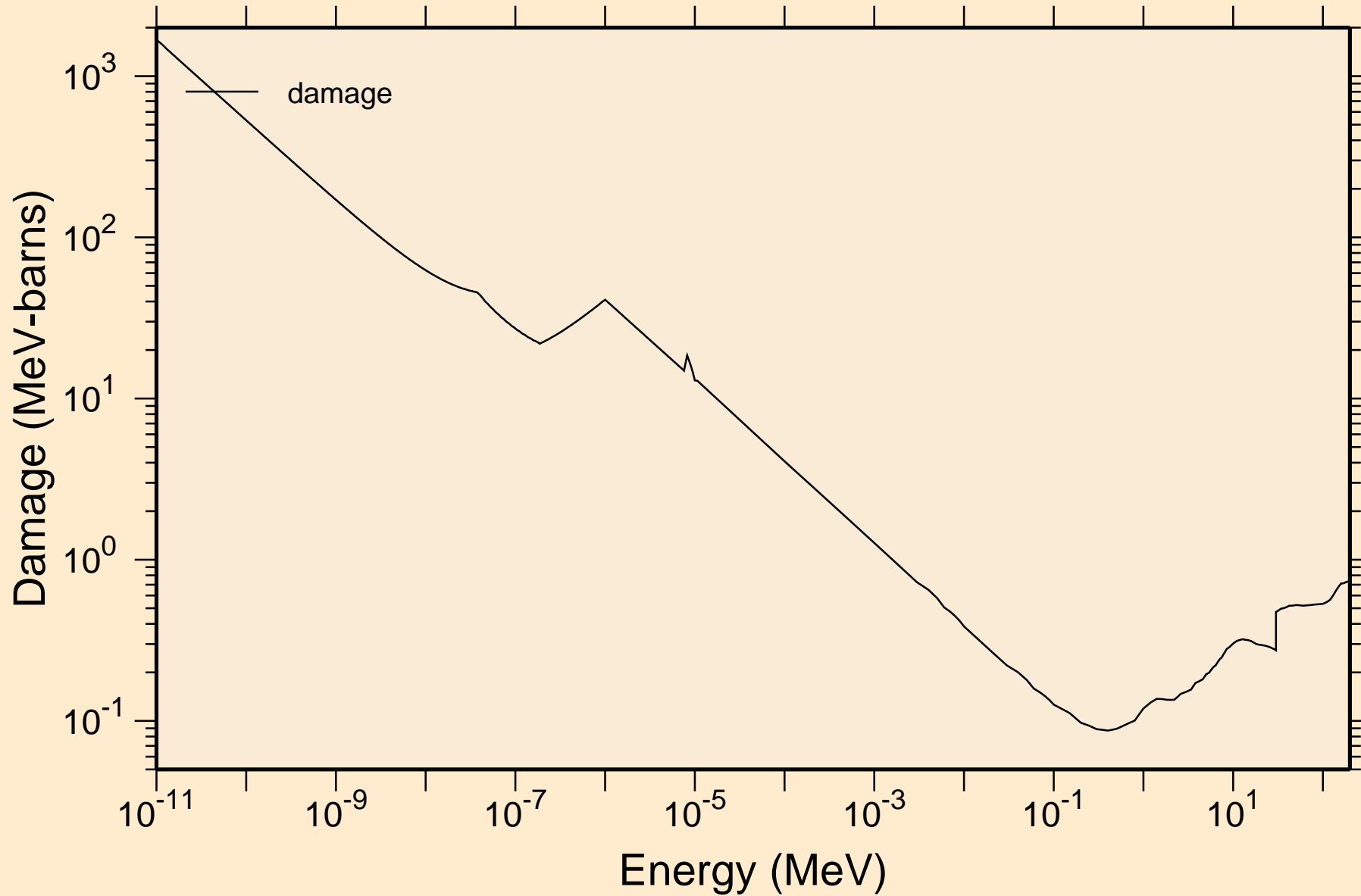
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

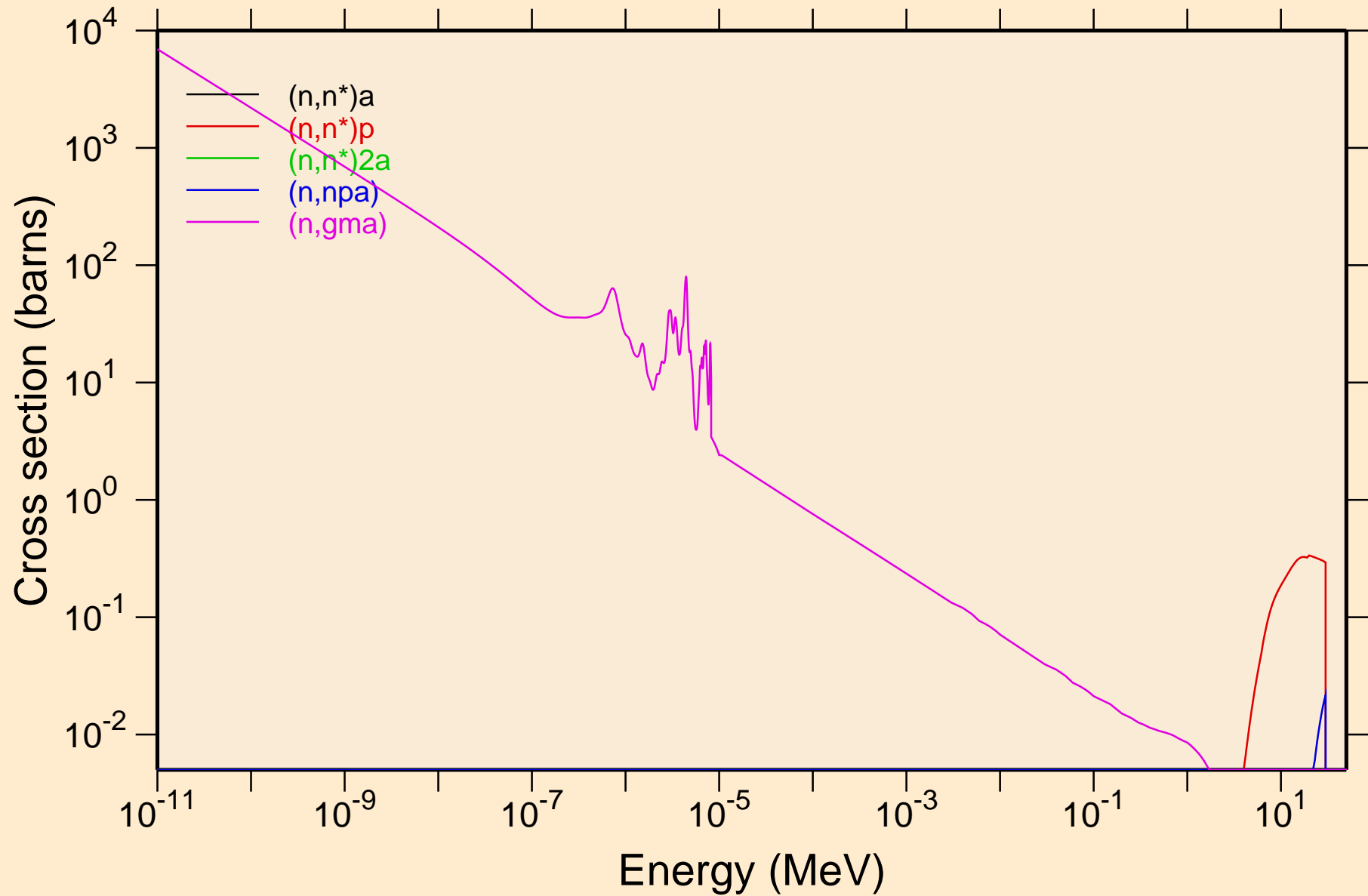


# PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

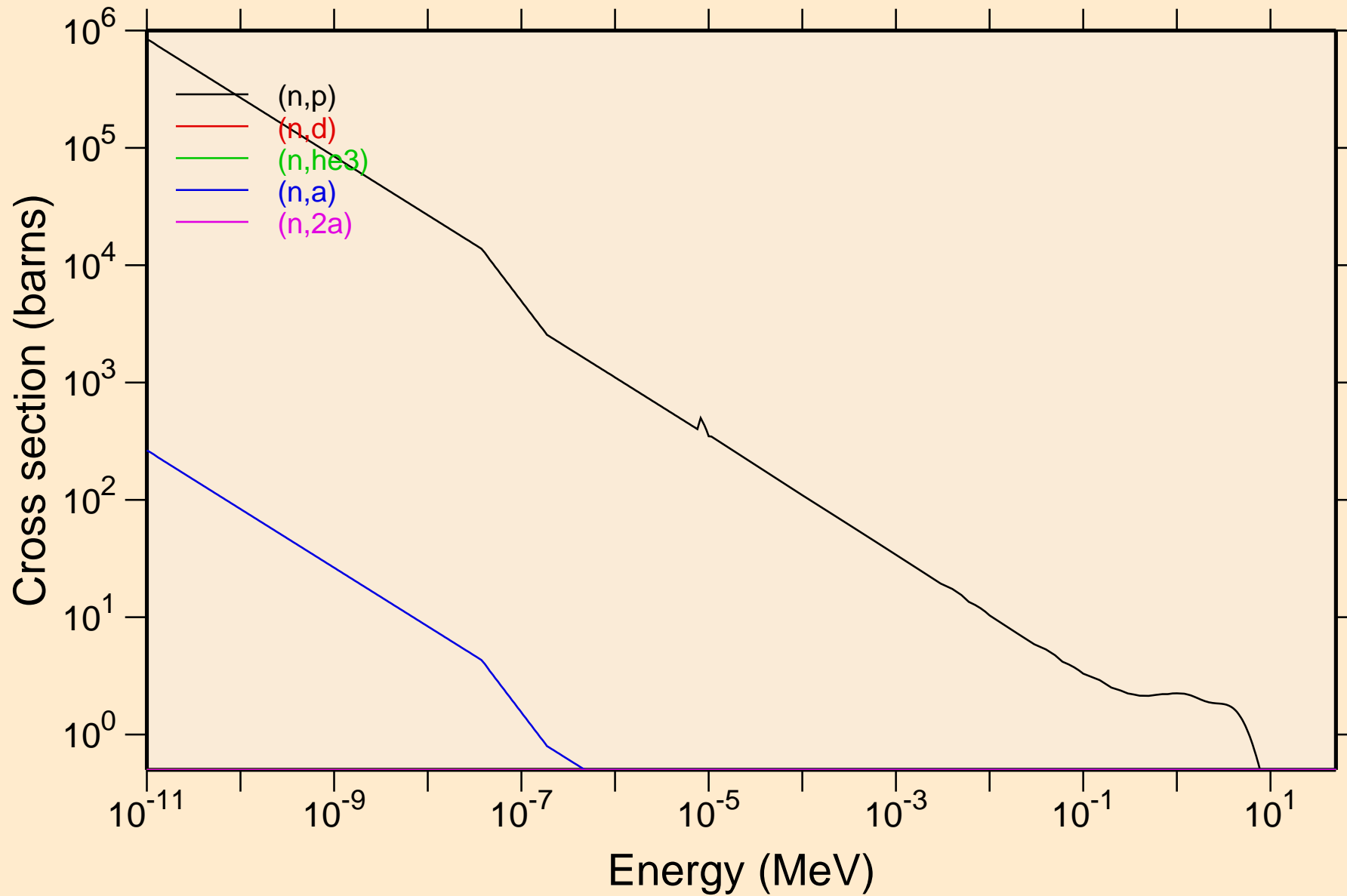
## Damage



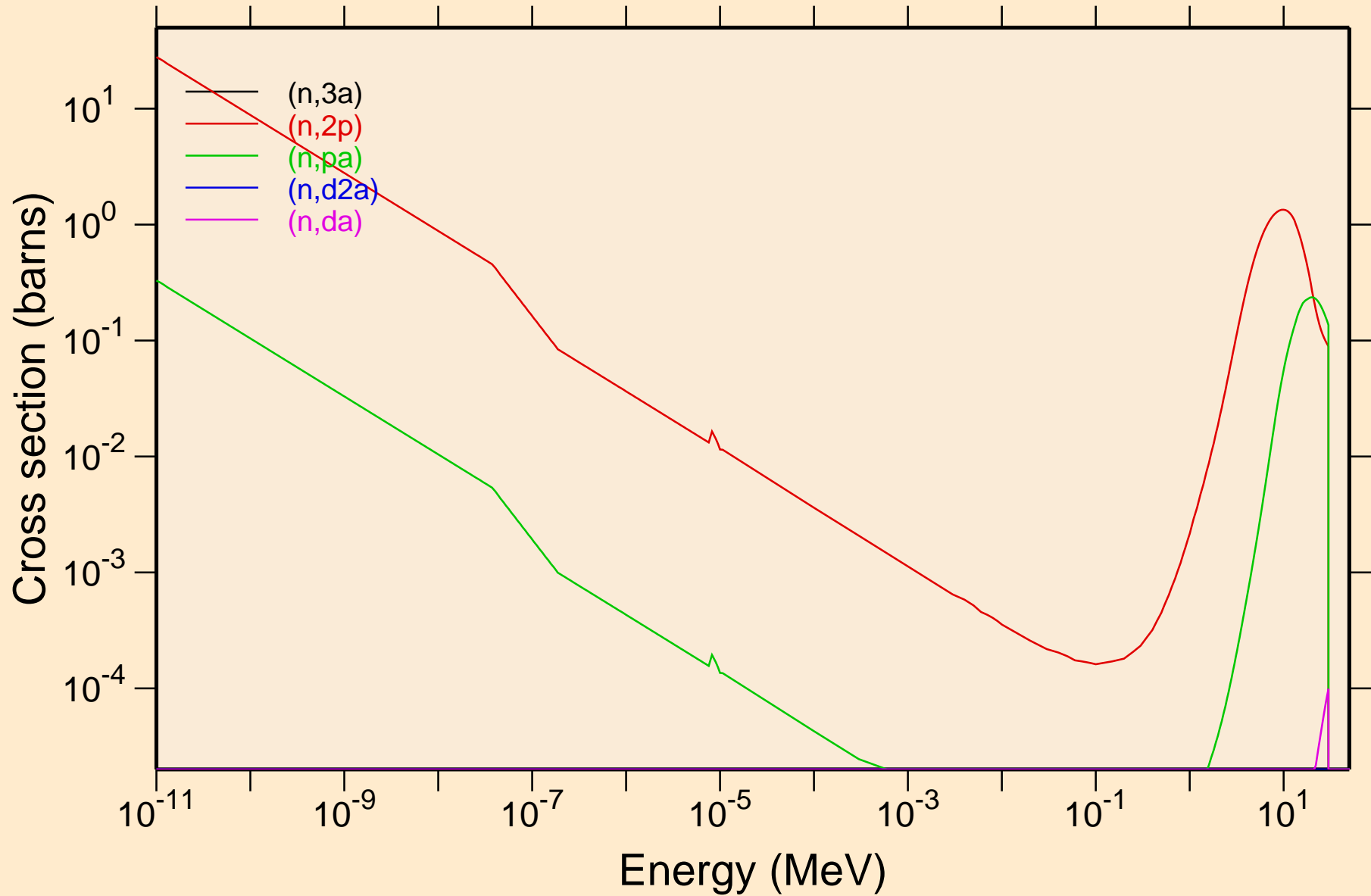
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



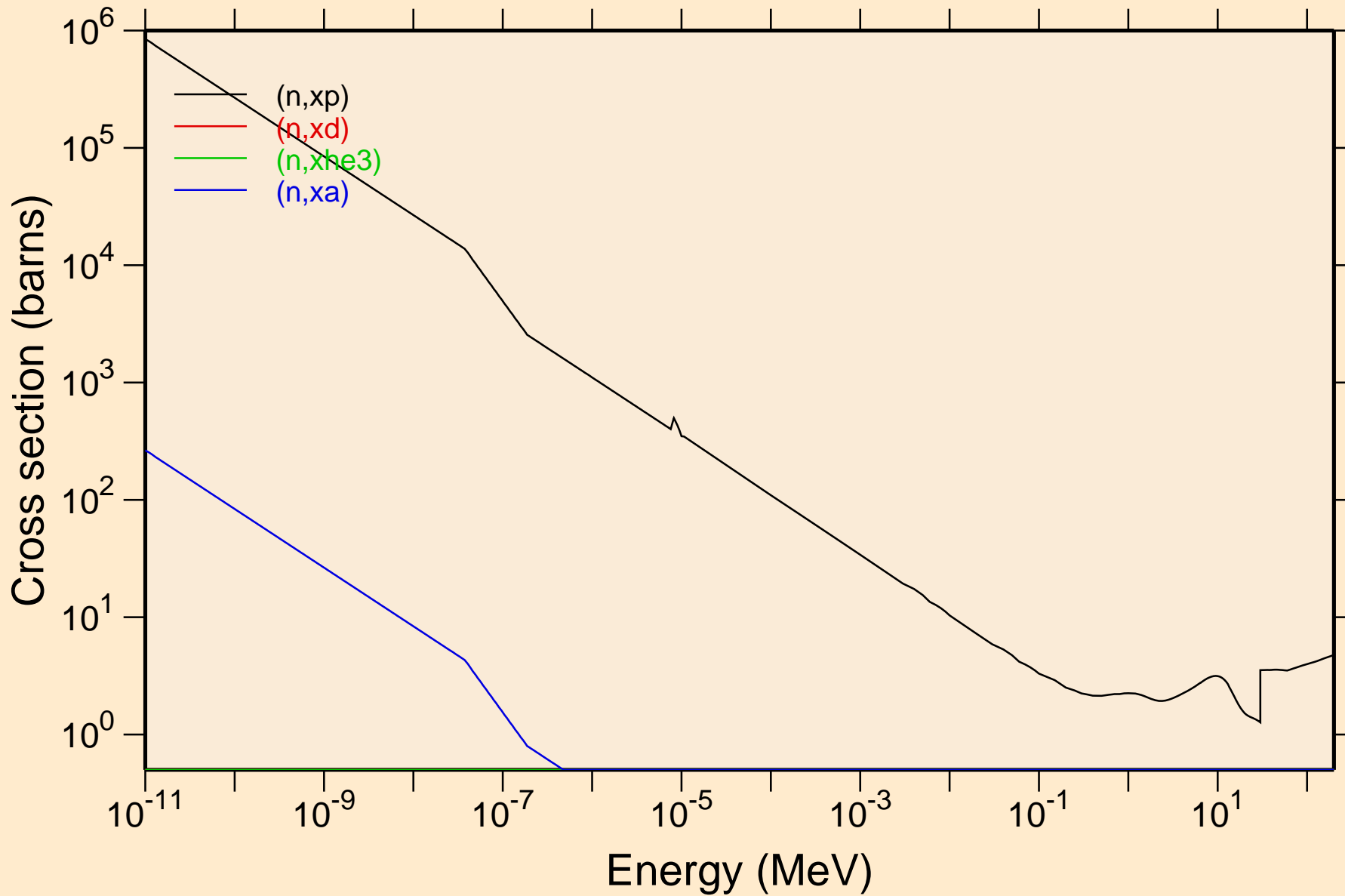
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

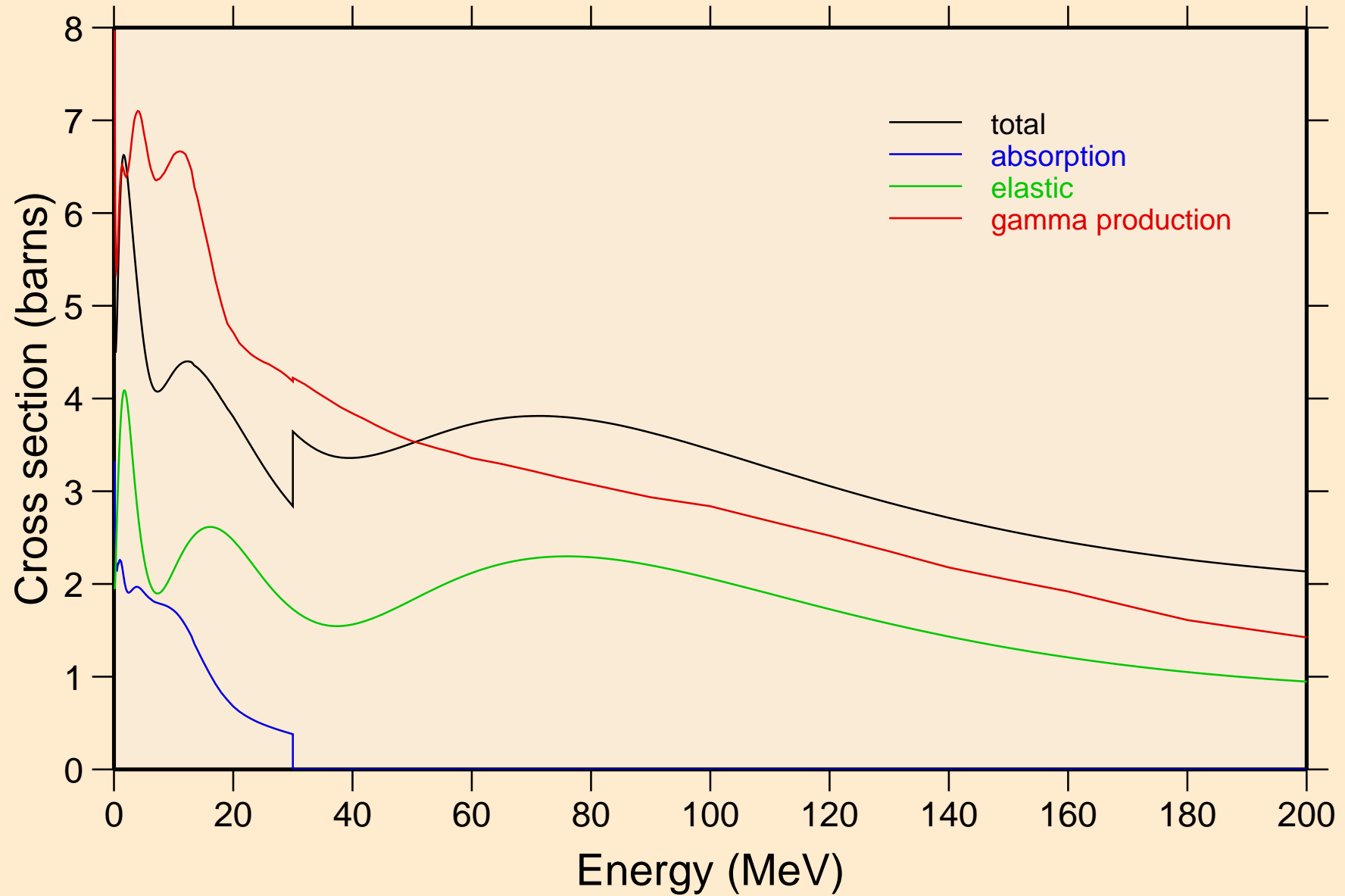


PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



# PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

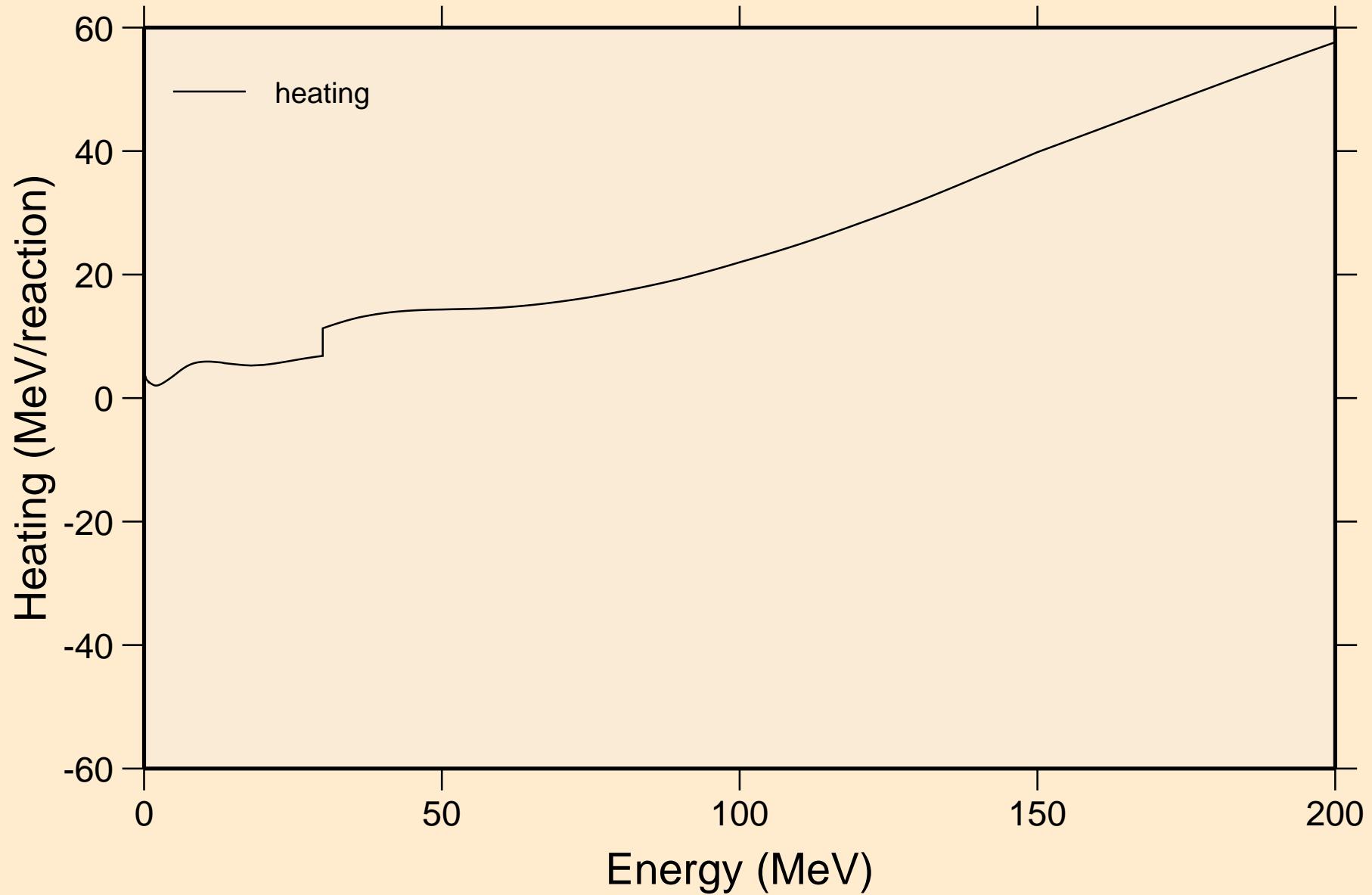
## Principal cross sections





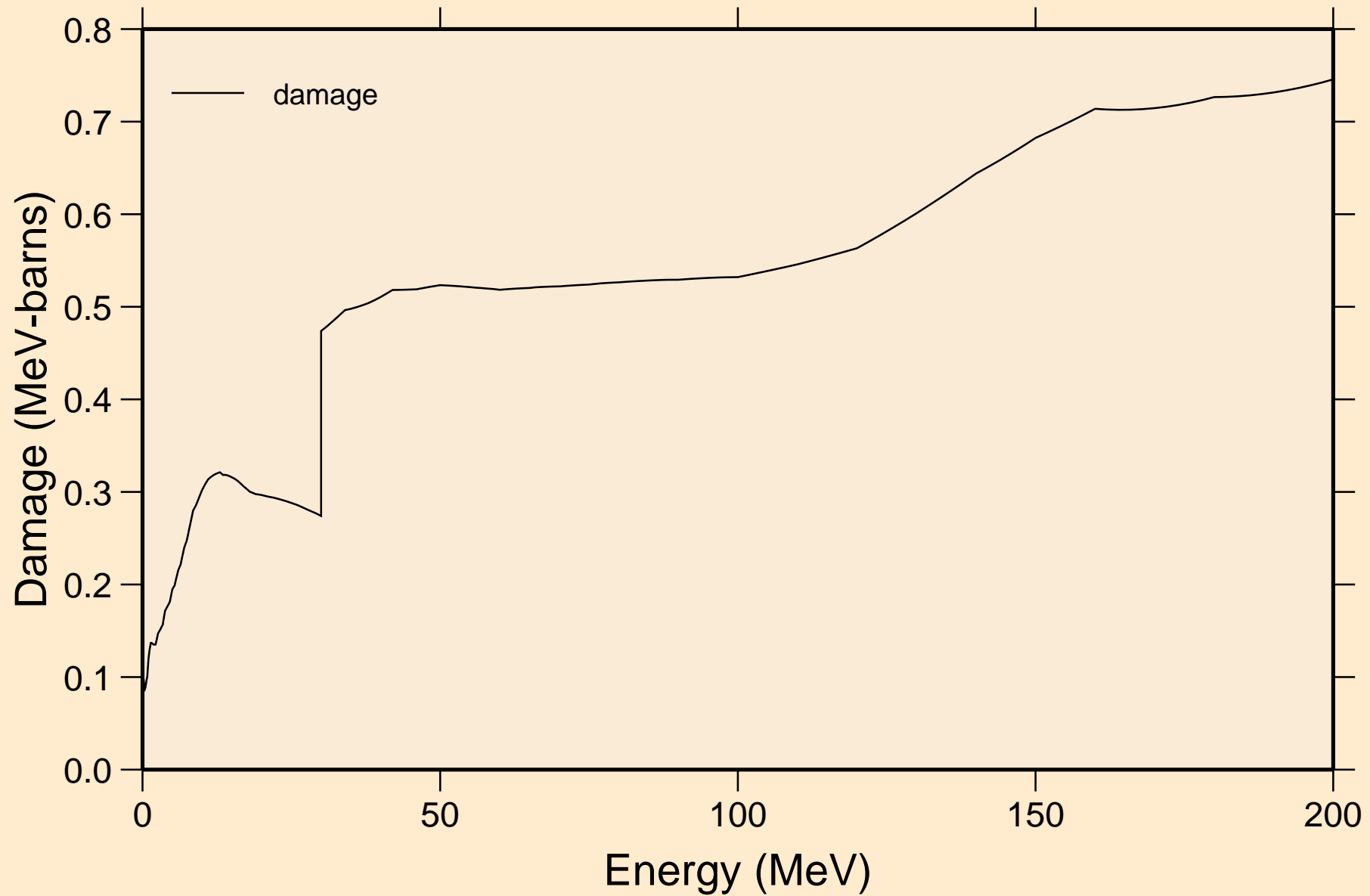
# PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



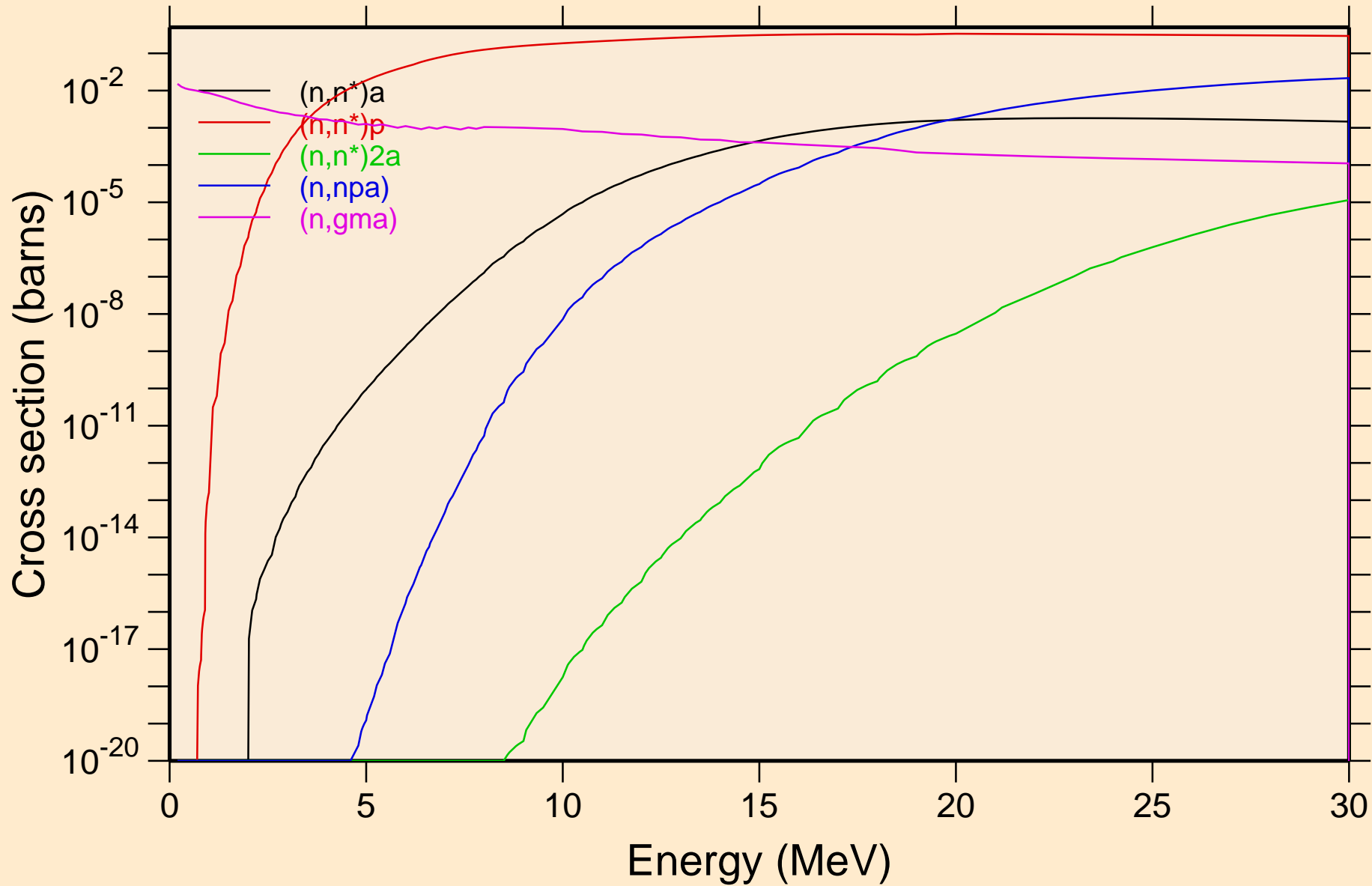
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## Damage

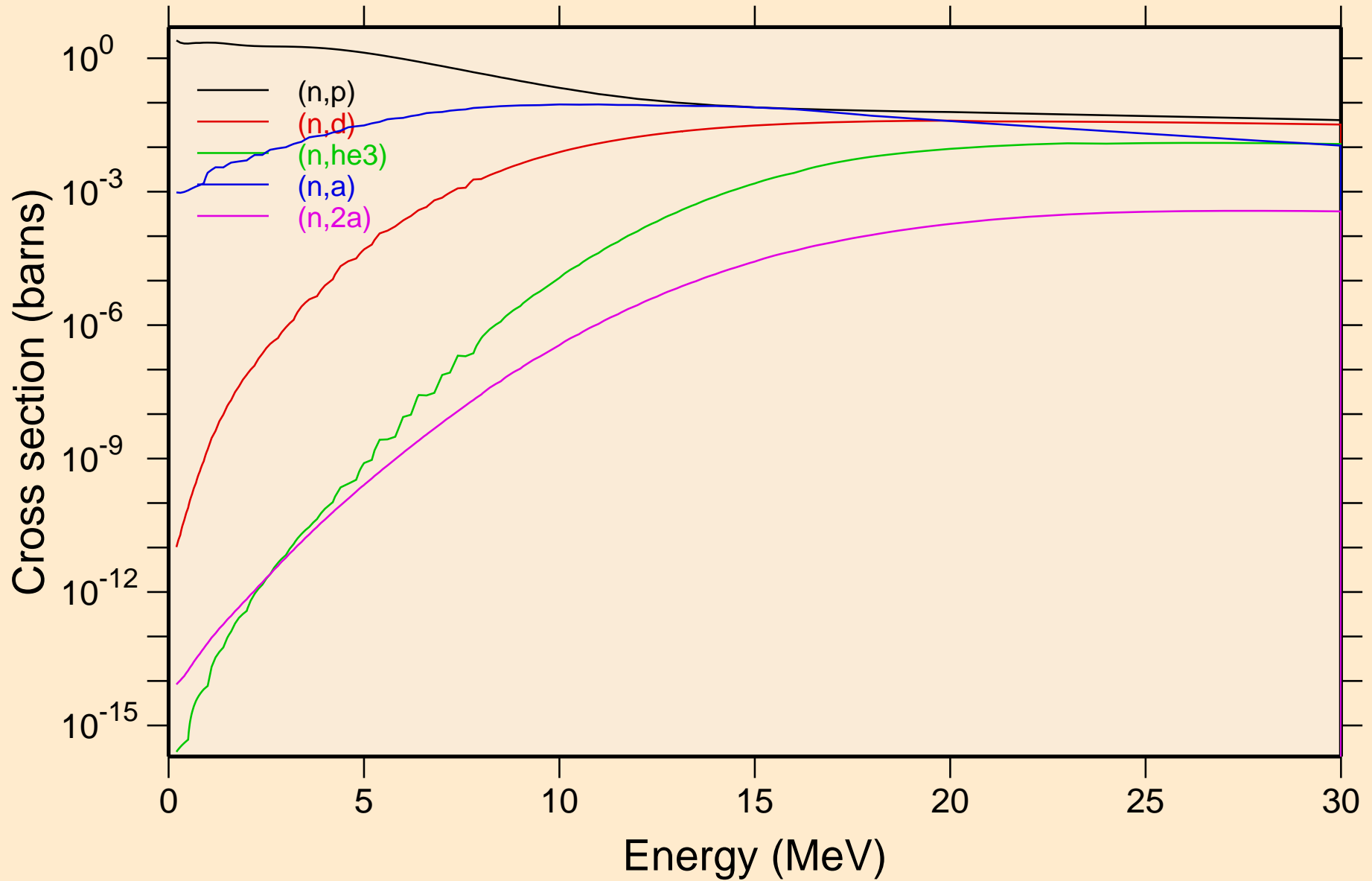


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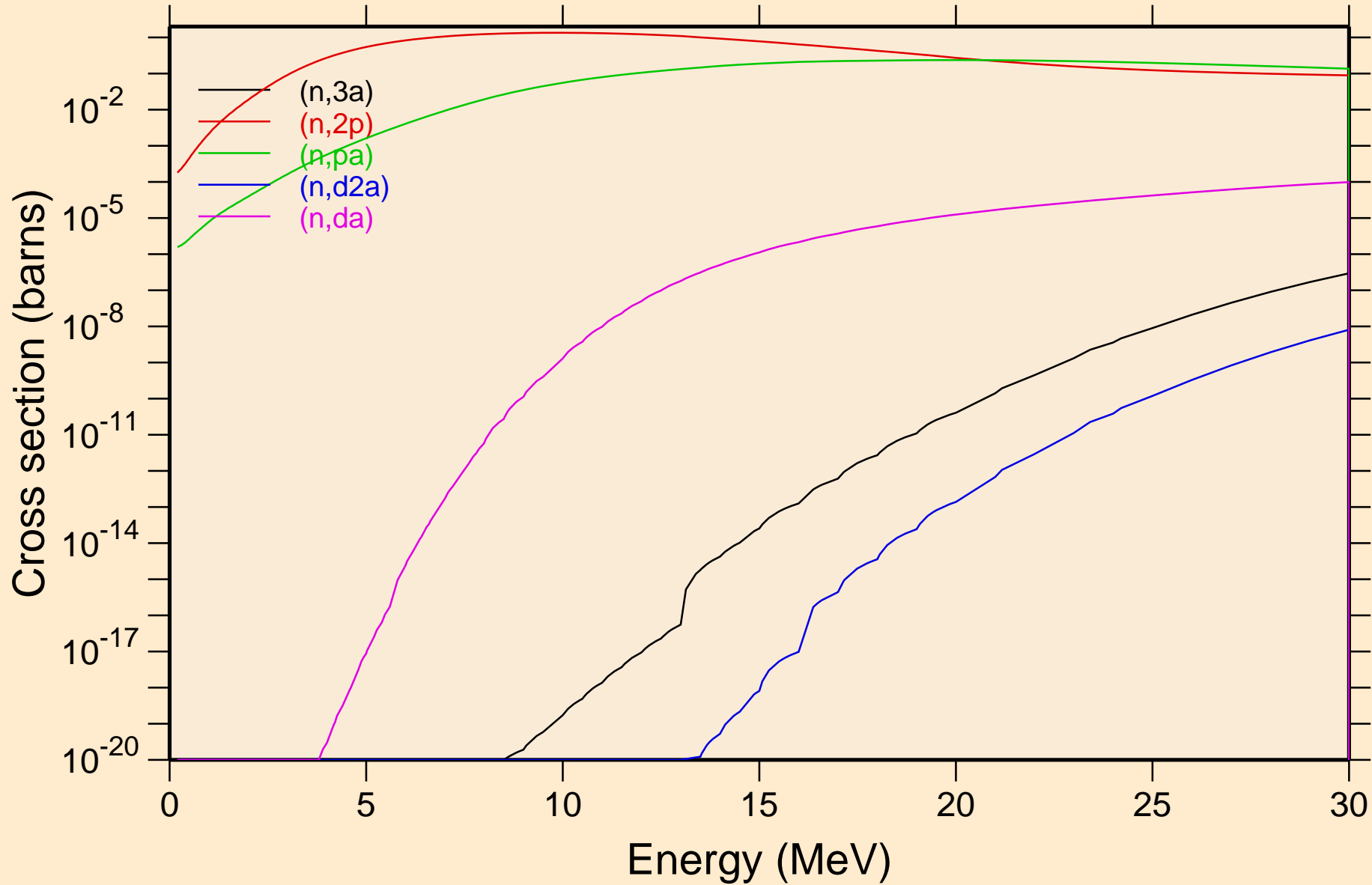
## Non-threshold reactions



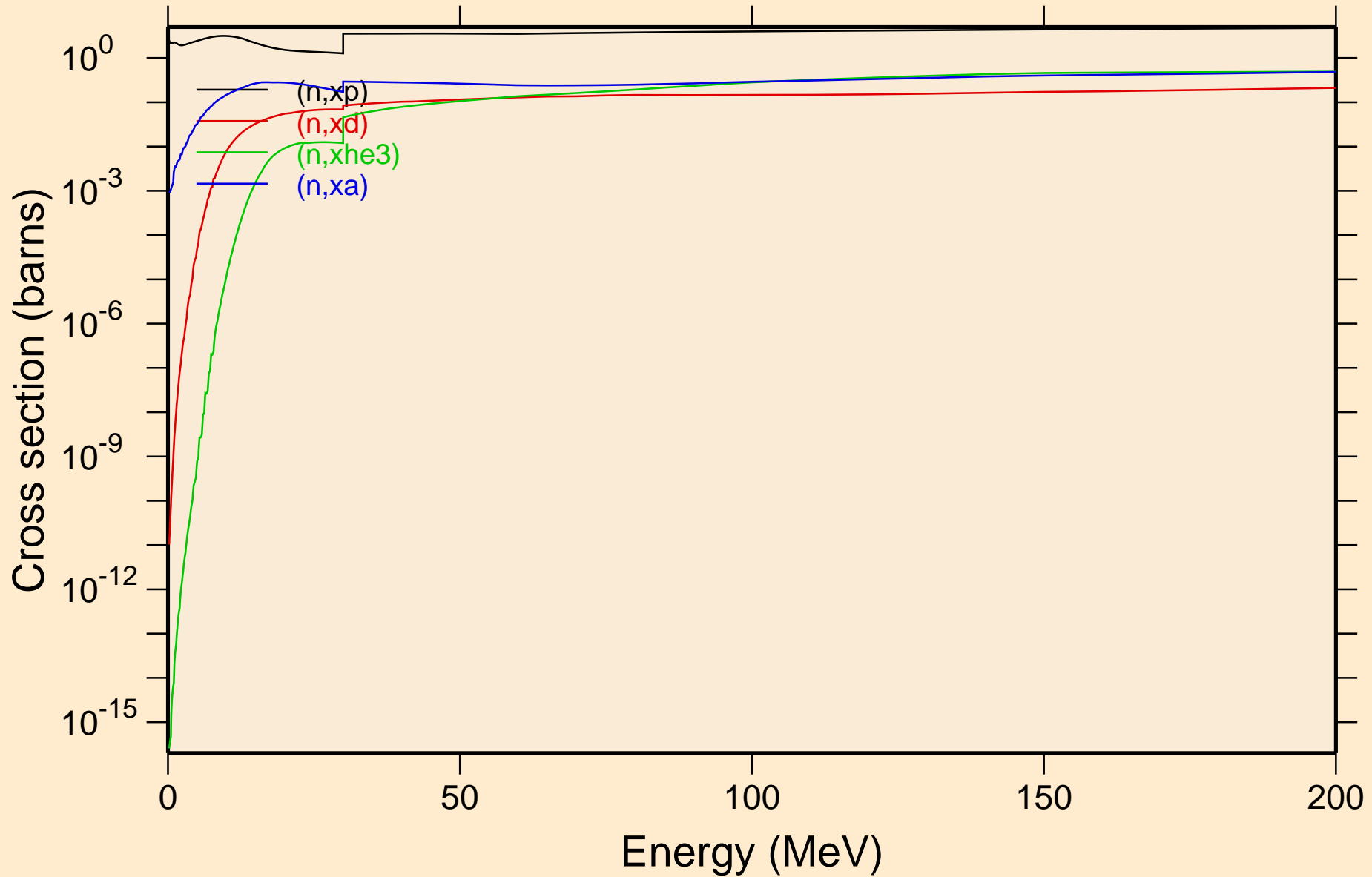
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



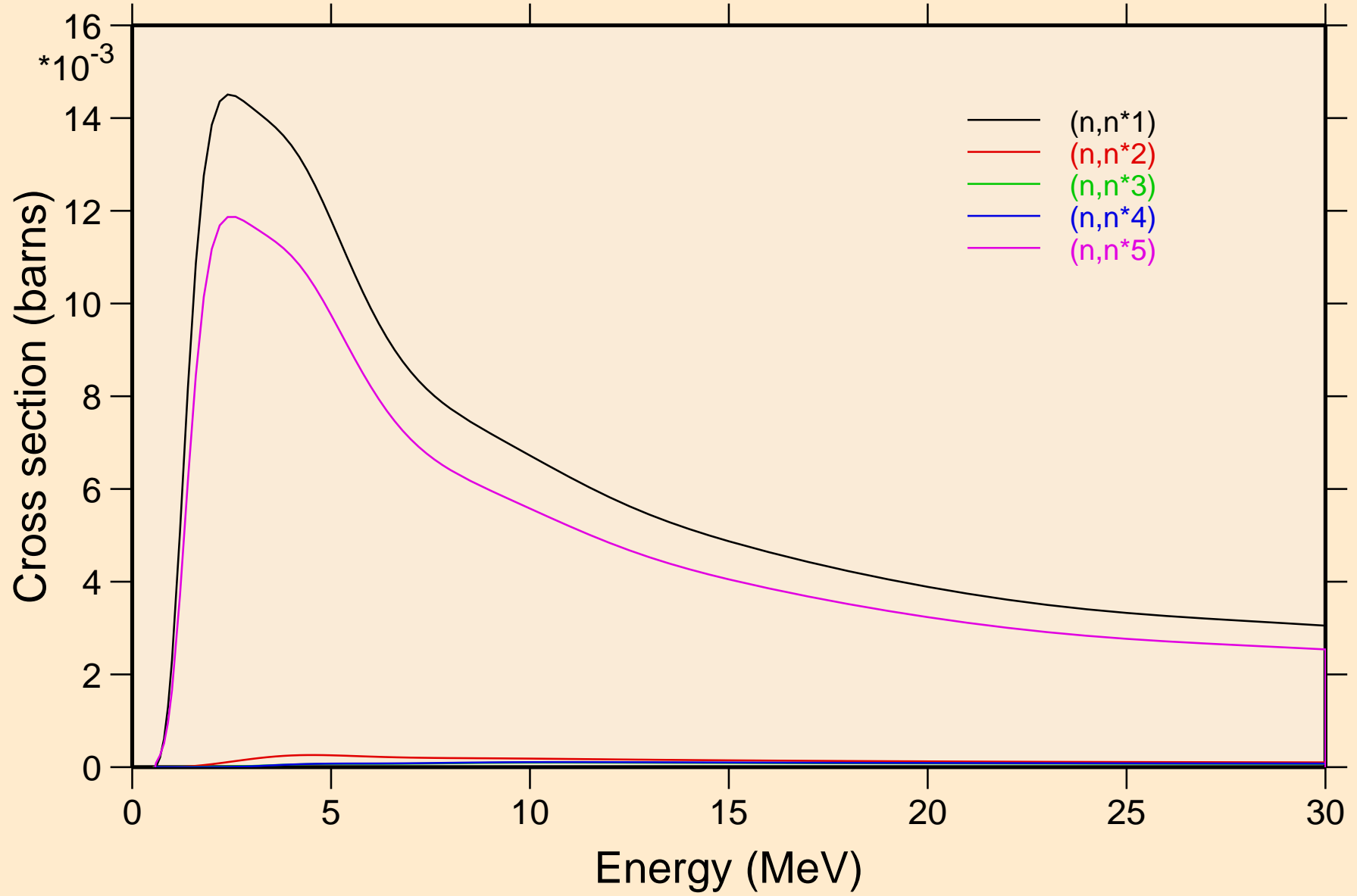
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



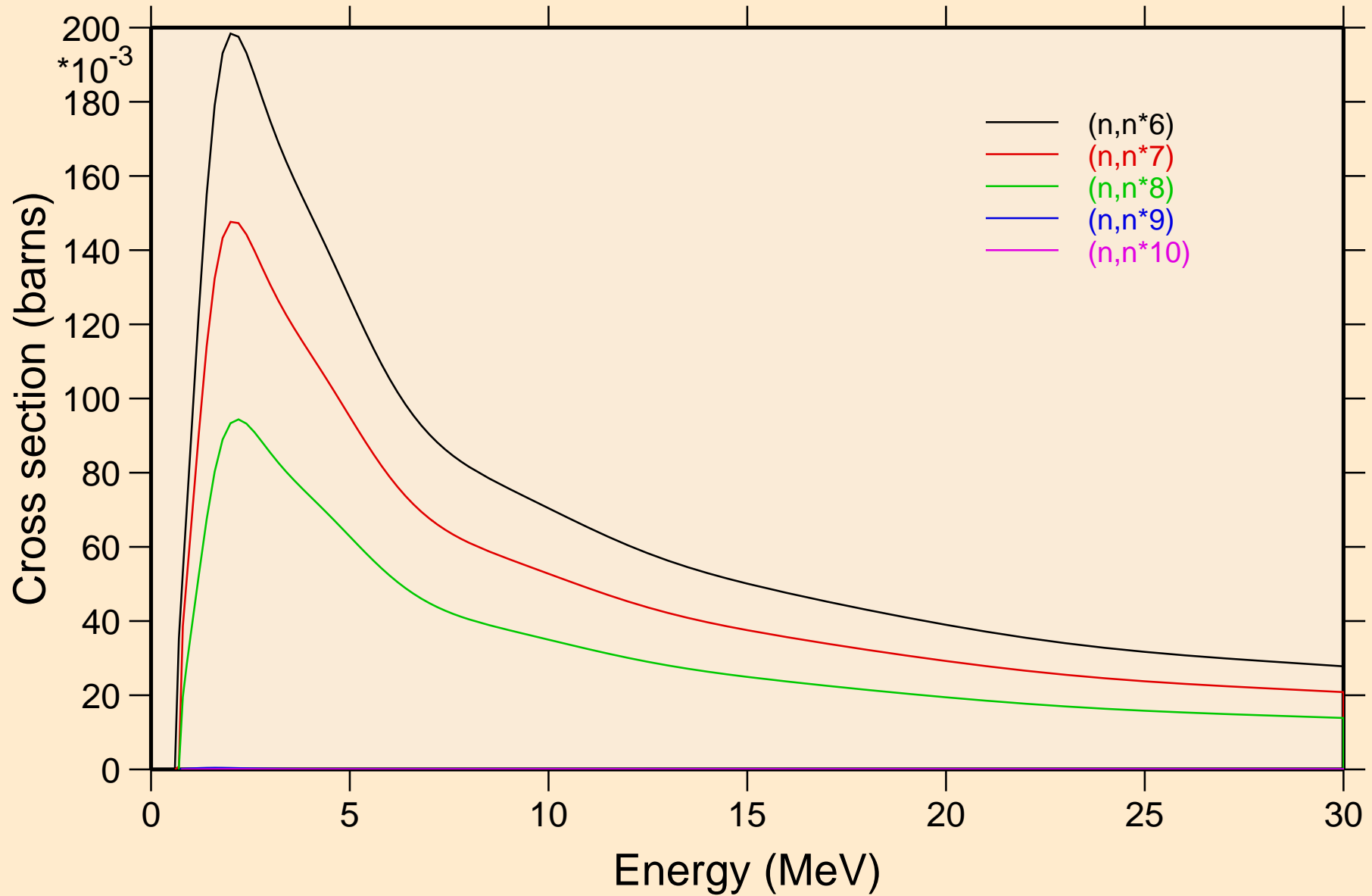
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

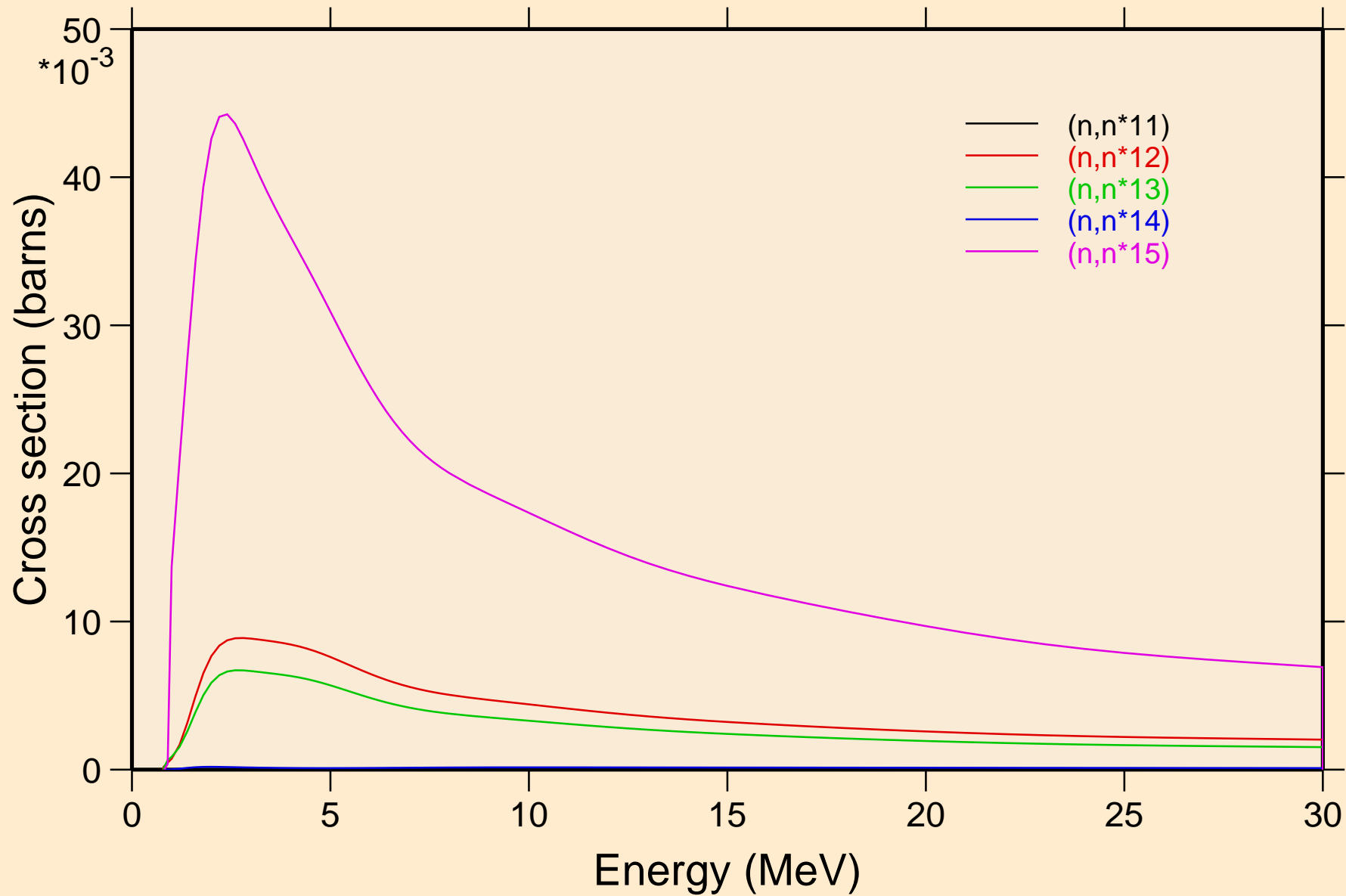


PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

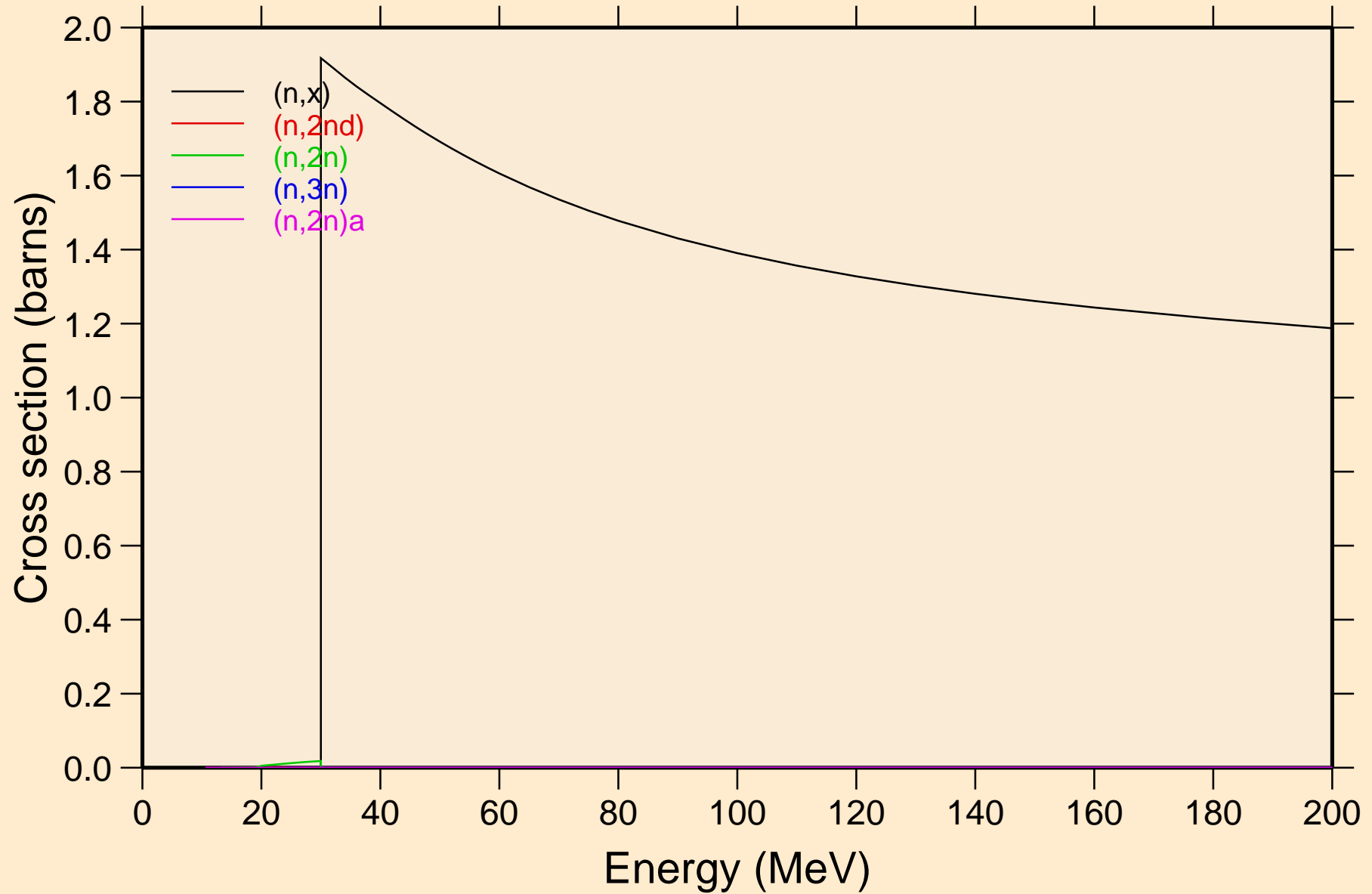




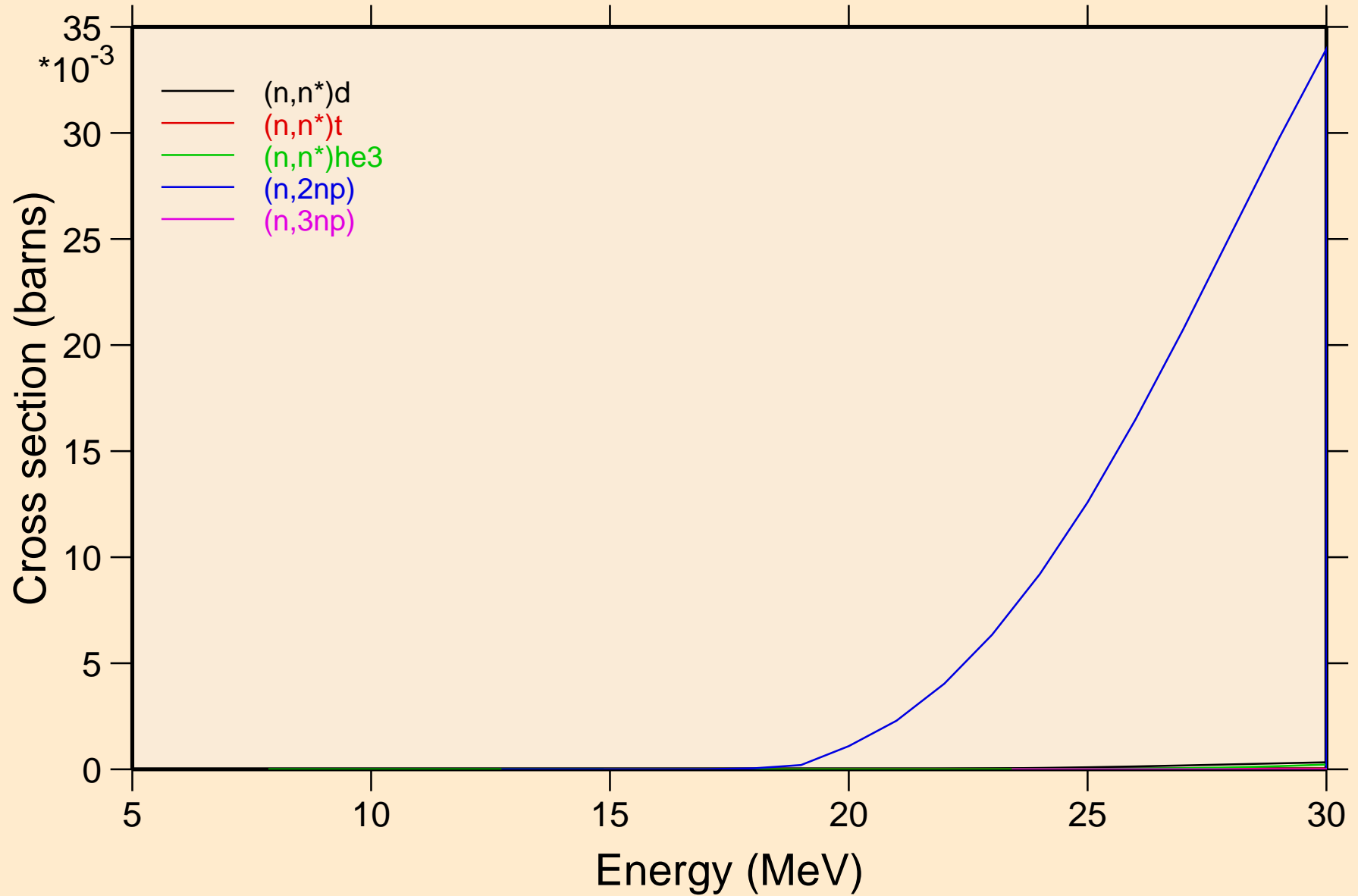
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



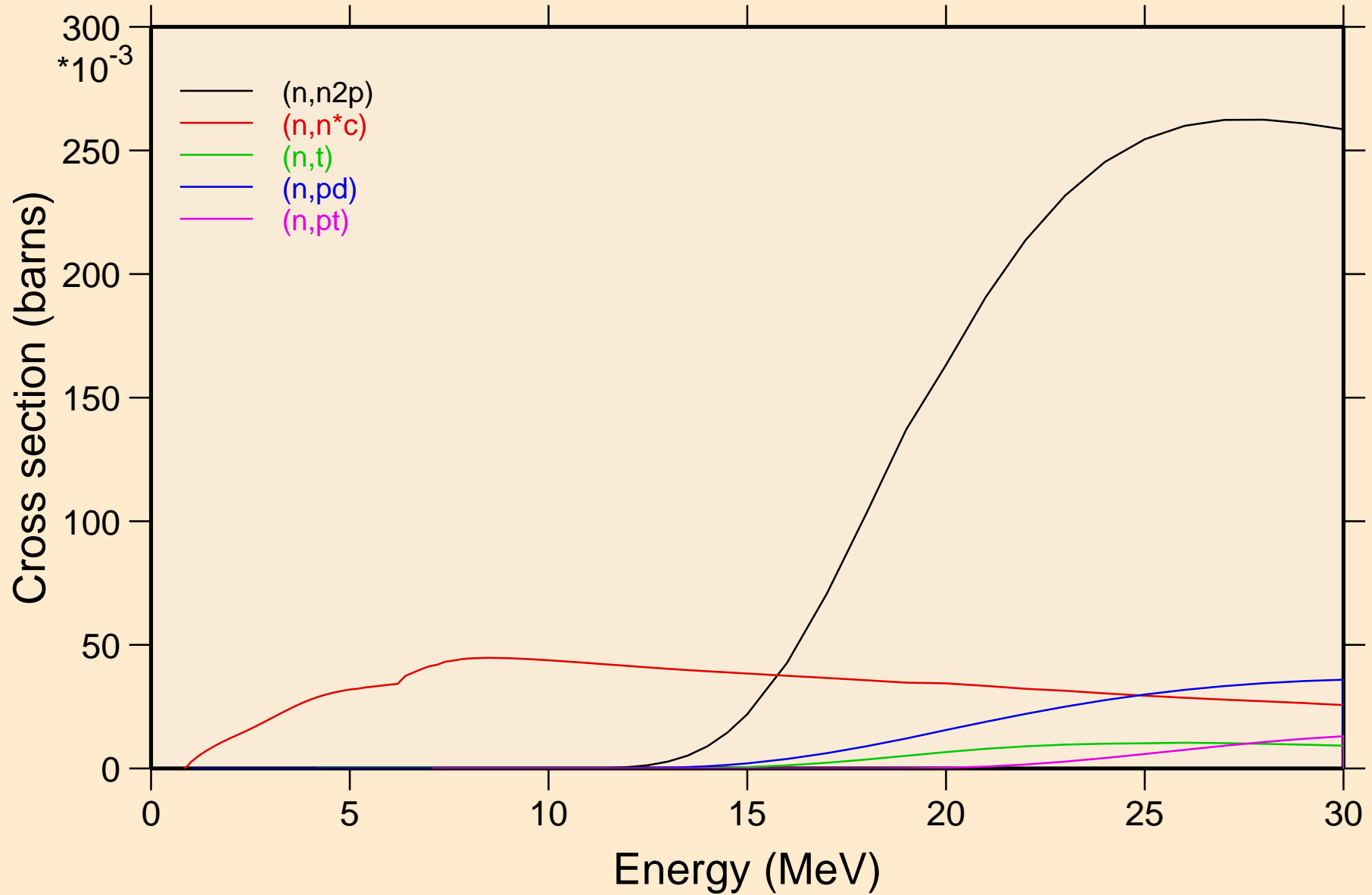
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



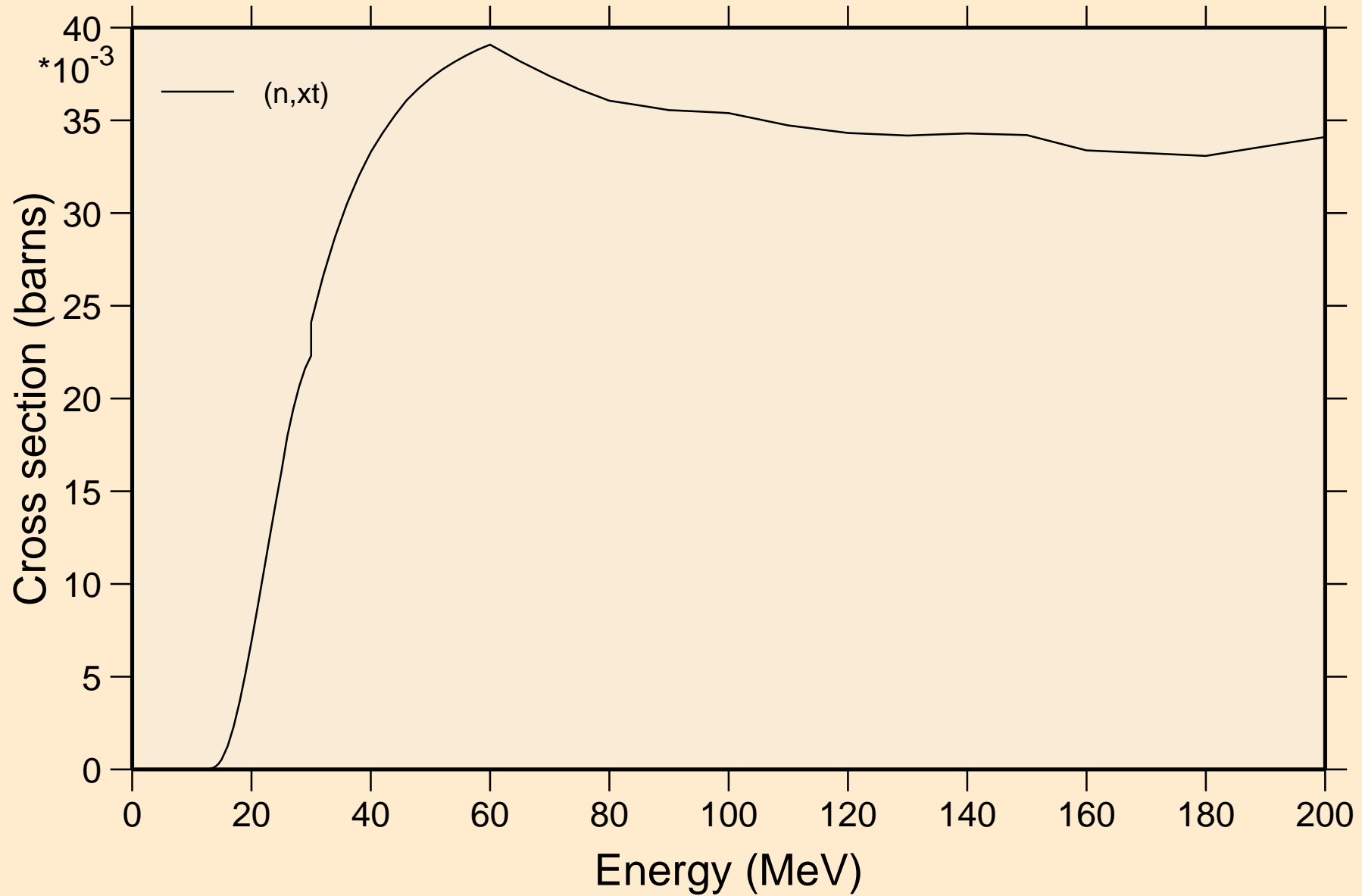
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



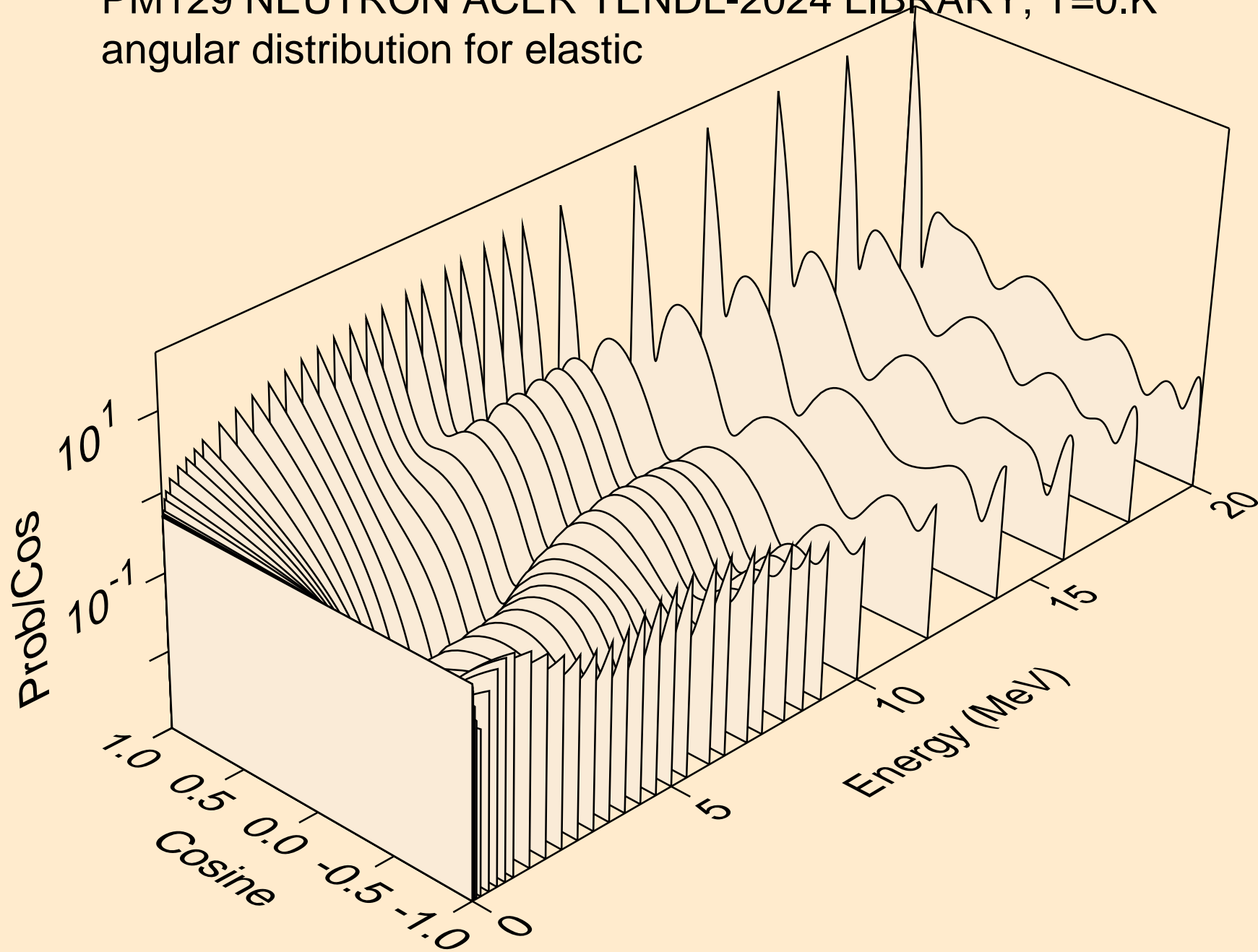
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



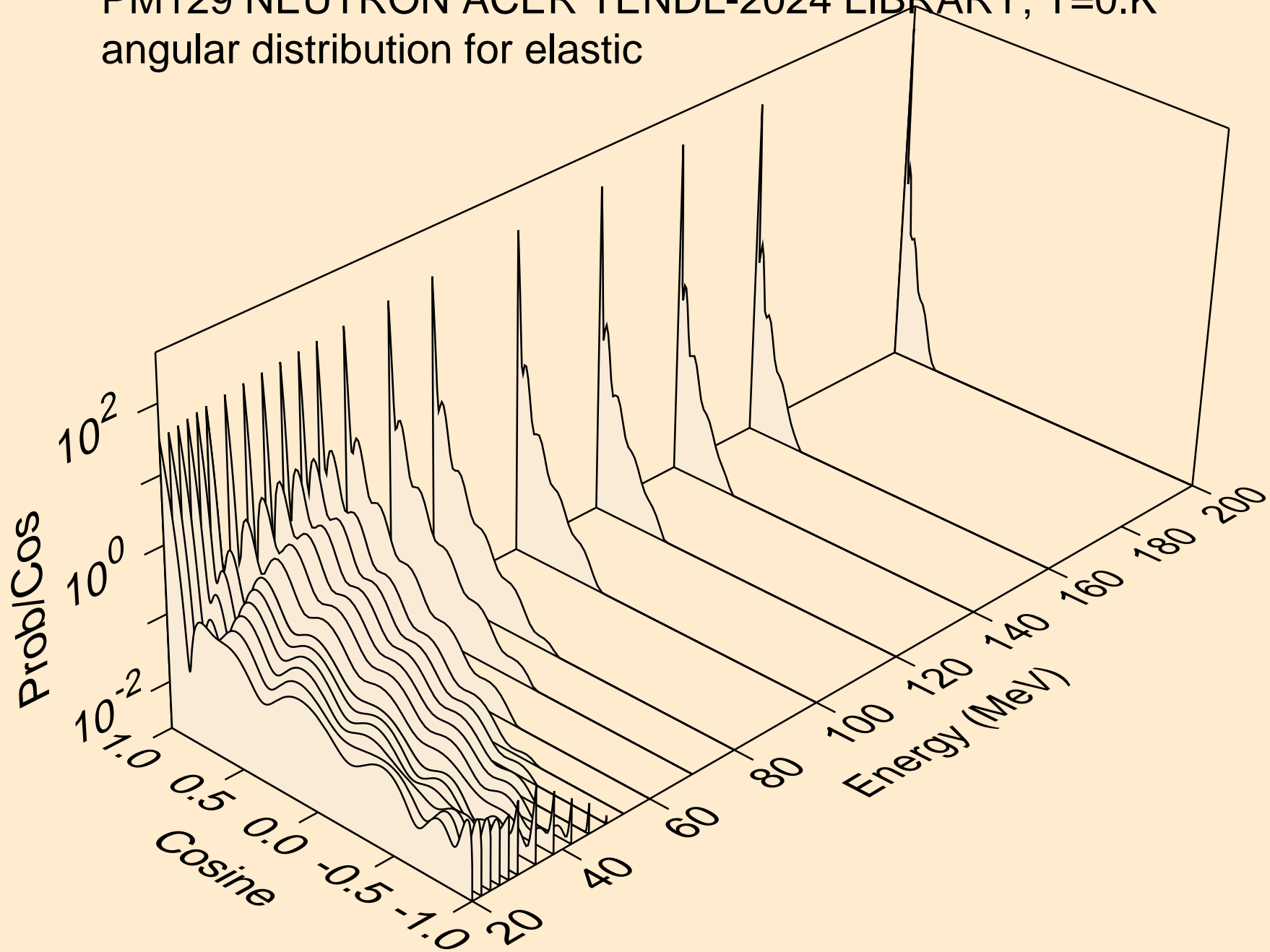
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



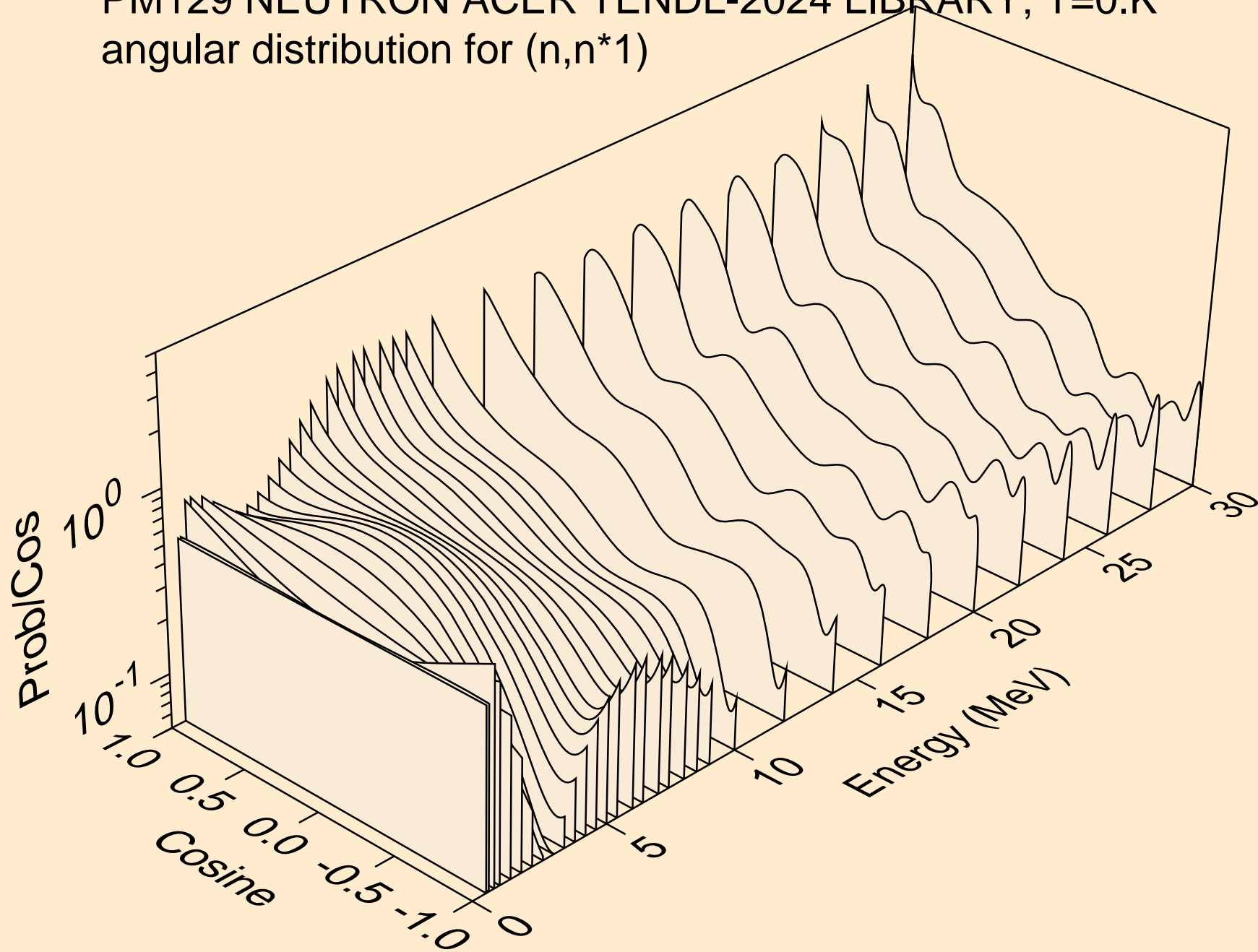
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

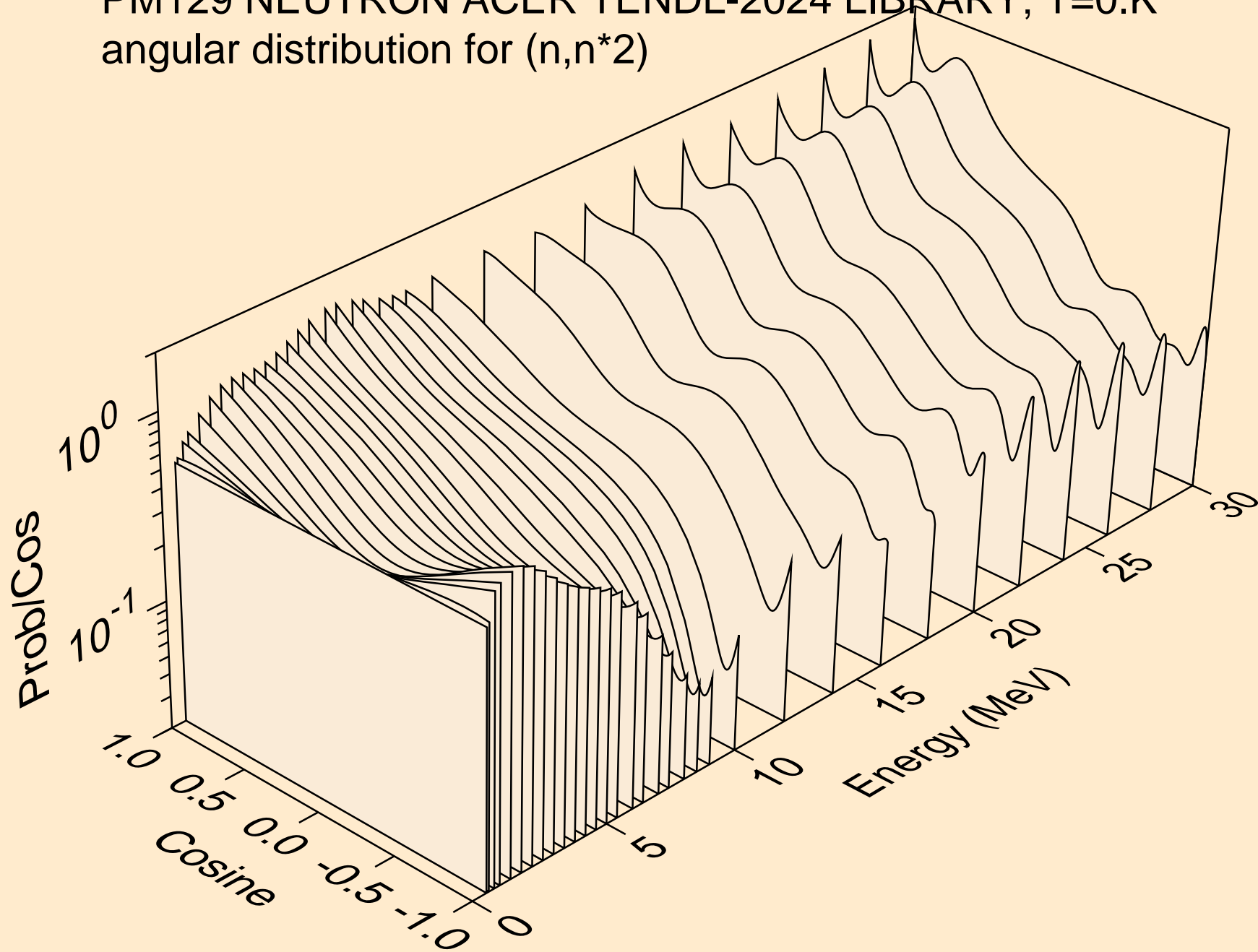


PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

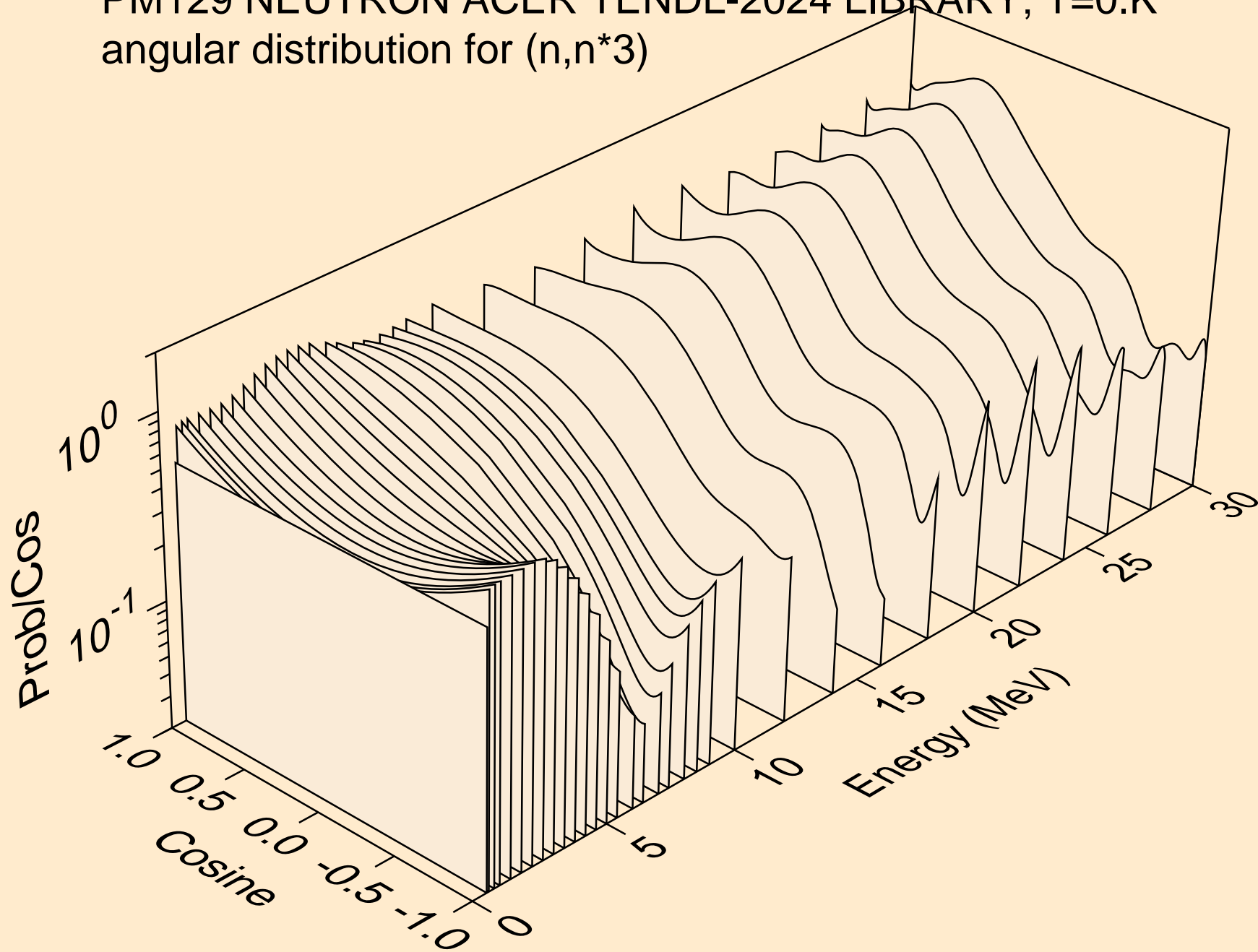




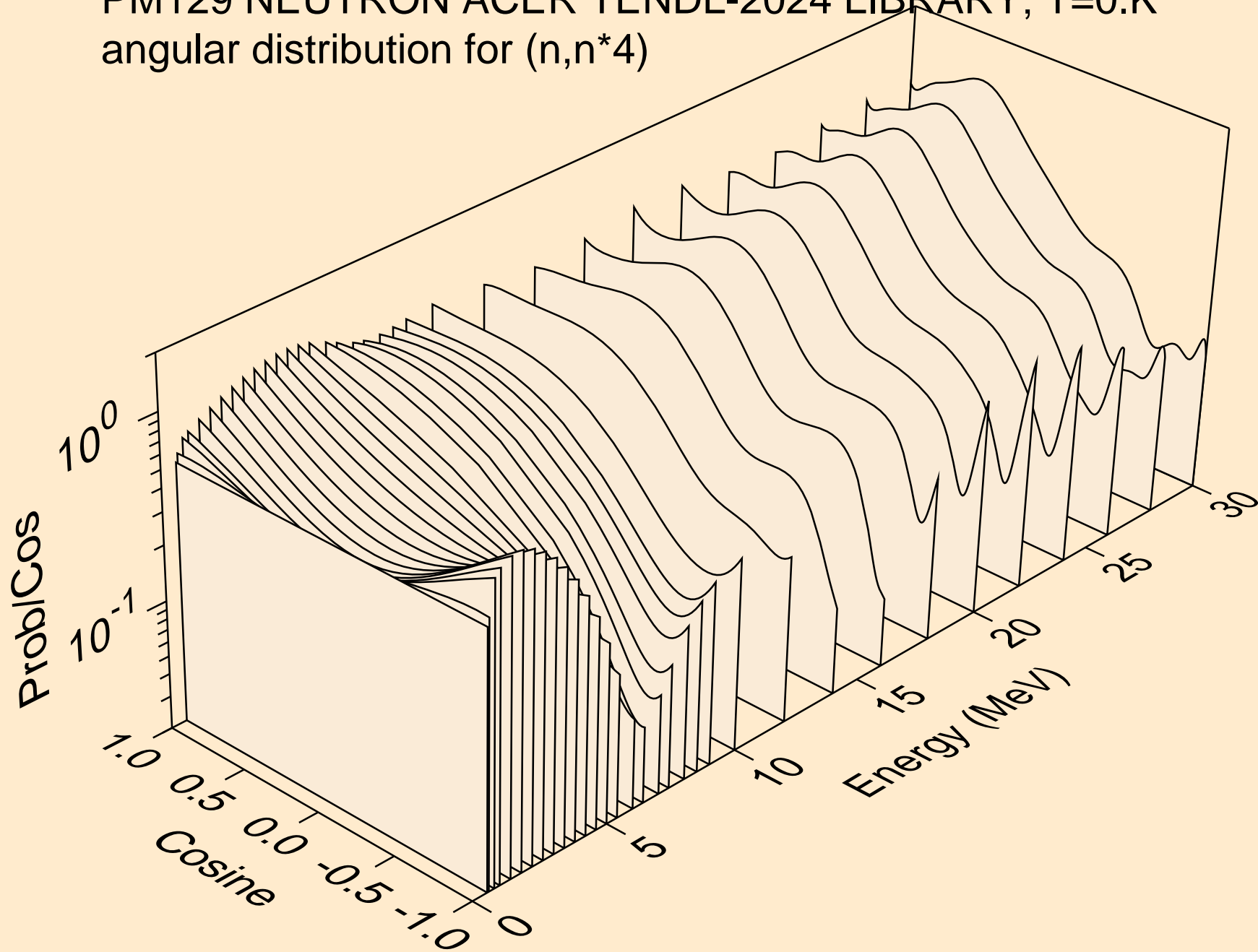
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angular distribution for (n,n\*2)



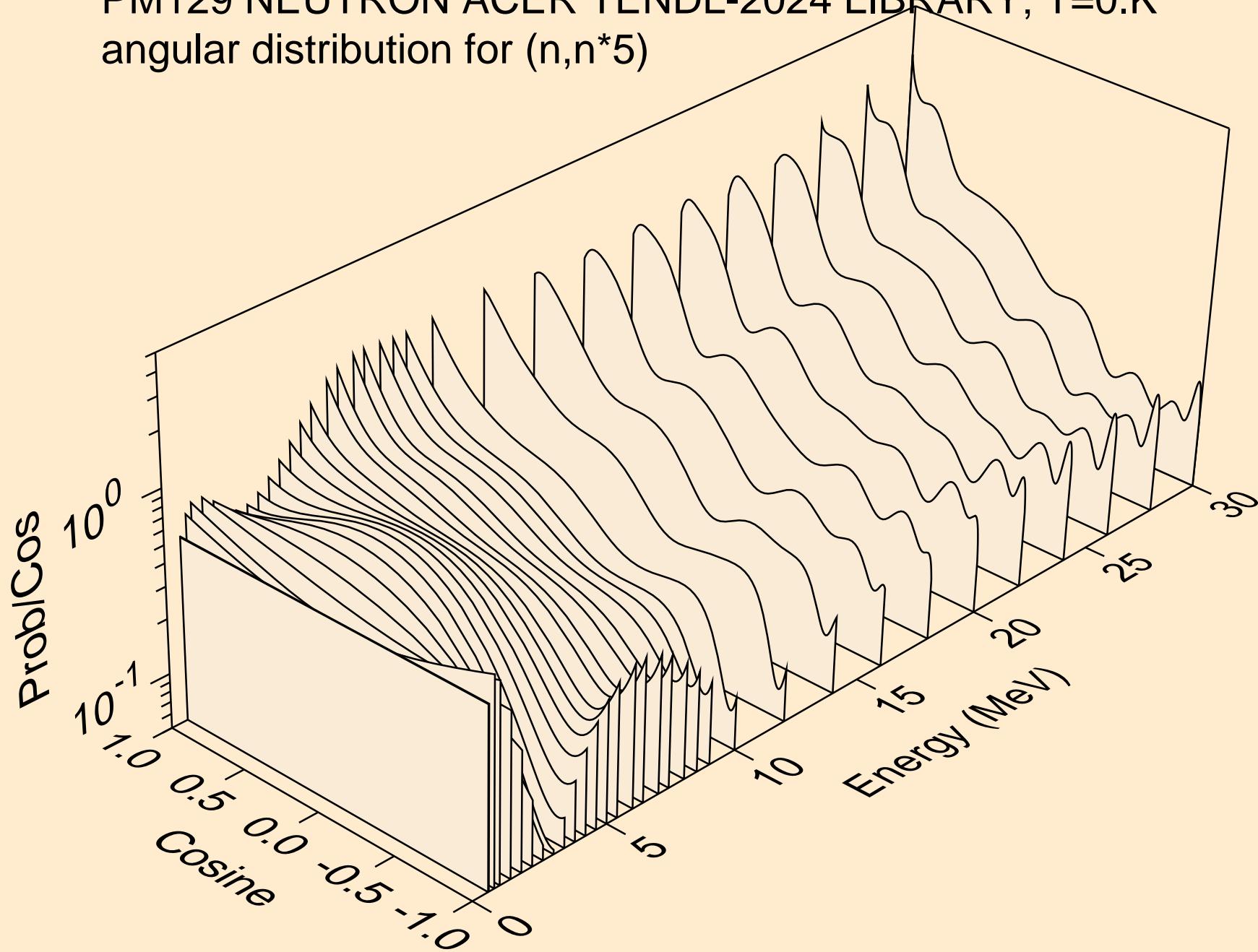
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angular distribution for (n,n\*3)



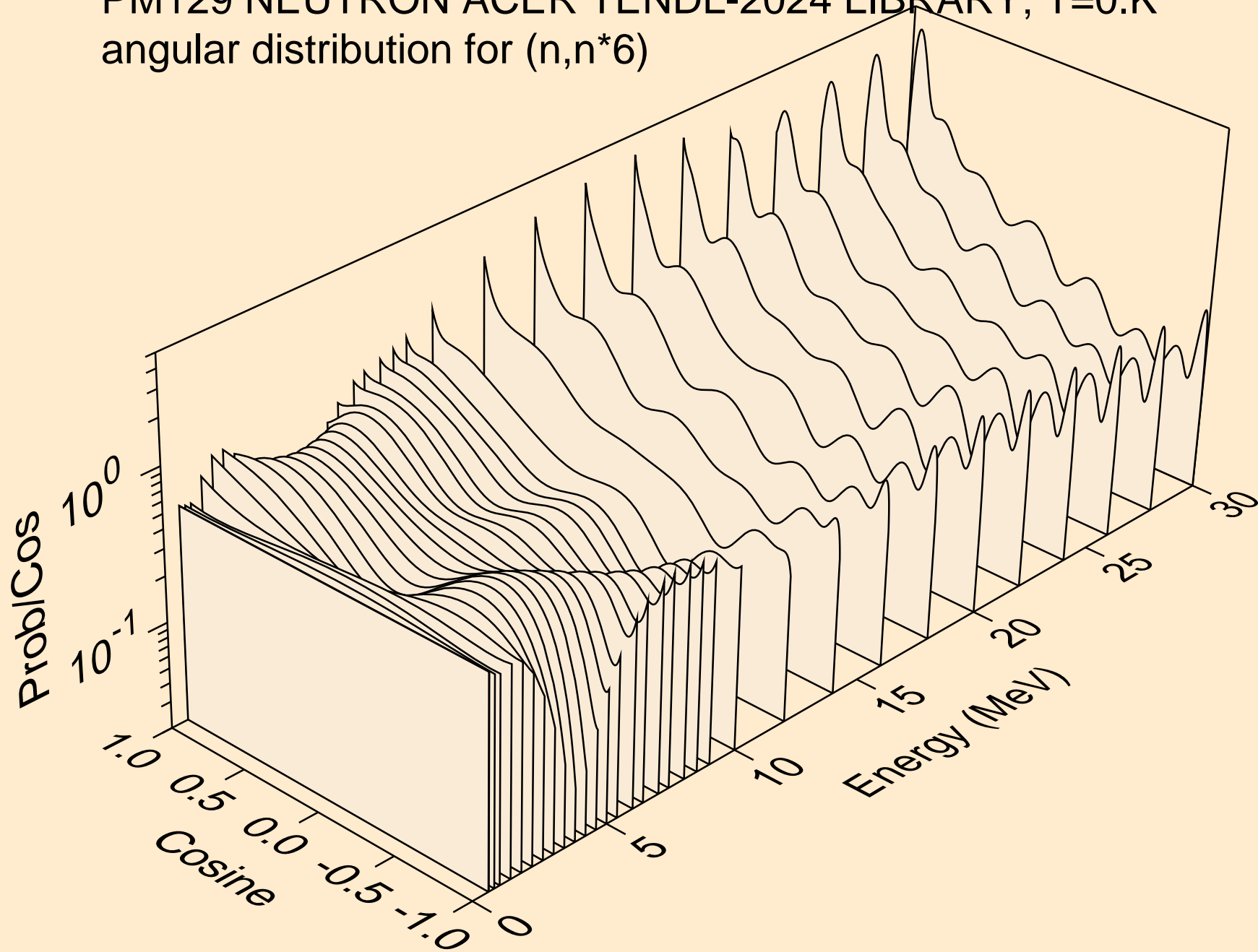
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angular distribution for (n,n\*4)



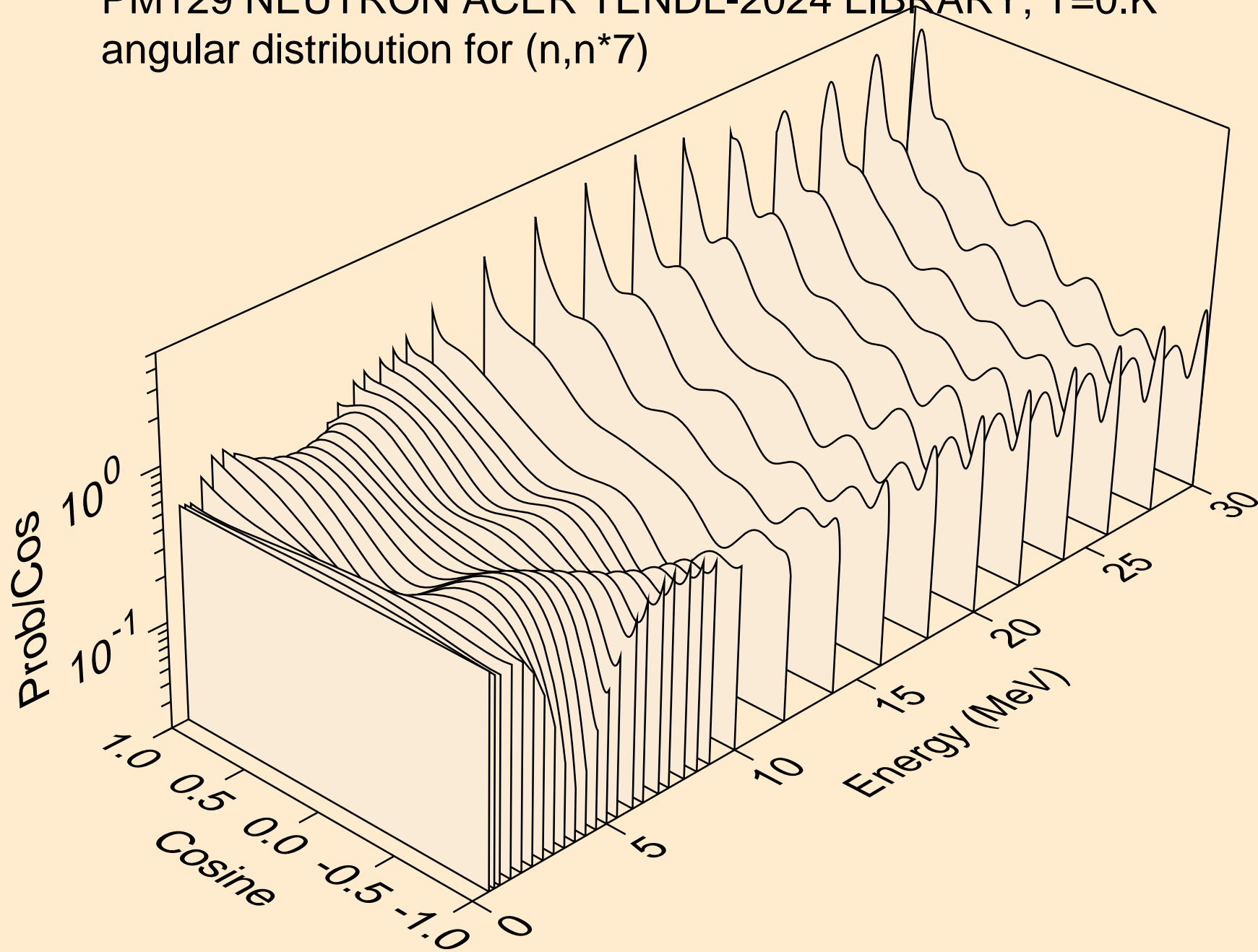
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angular distribution for (n,n\*5)



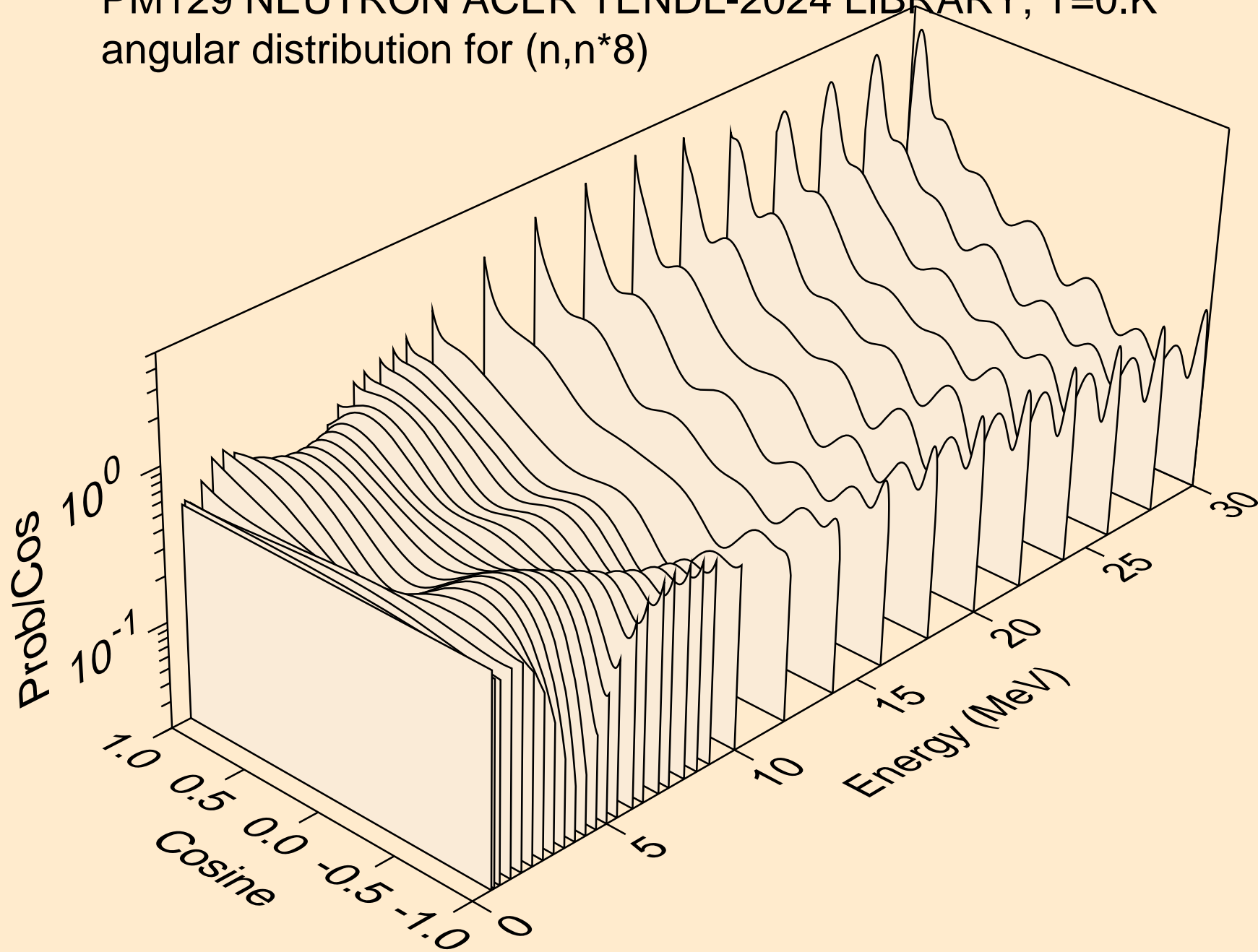
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



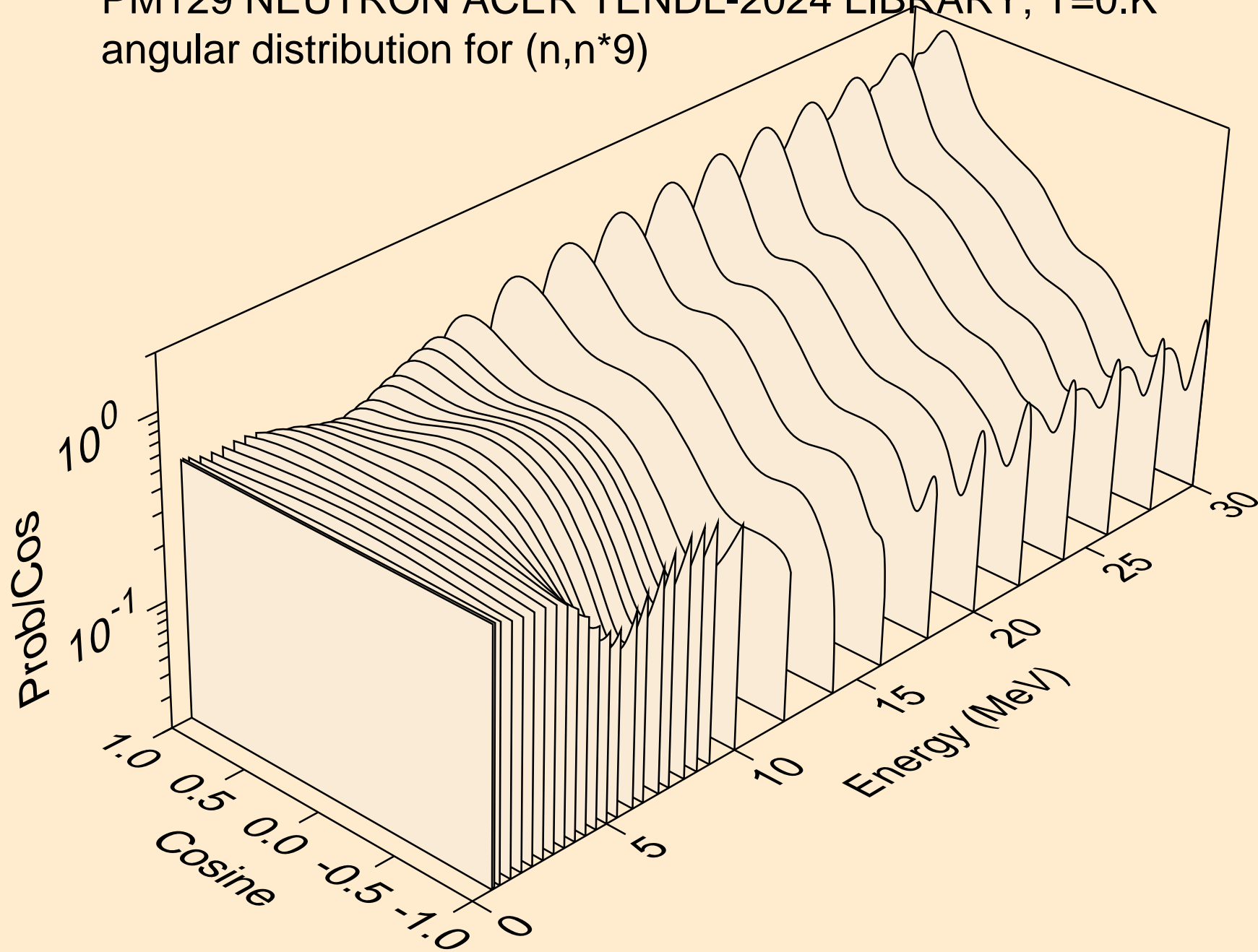
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

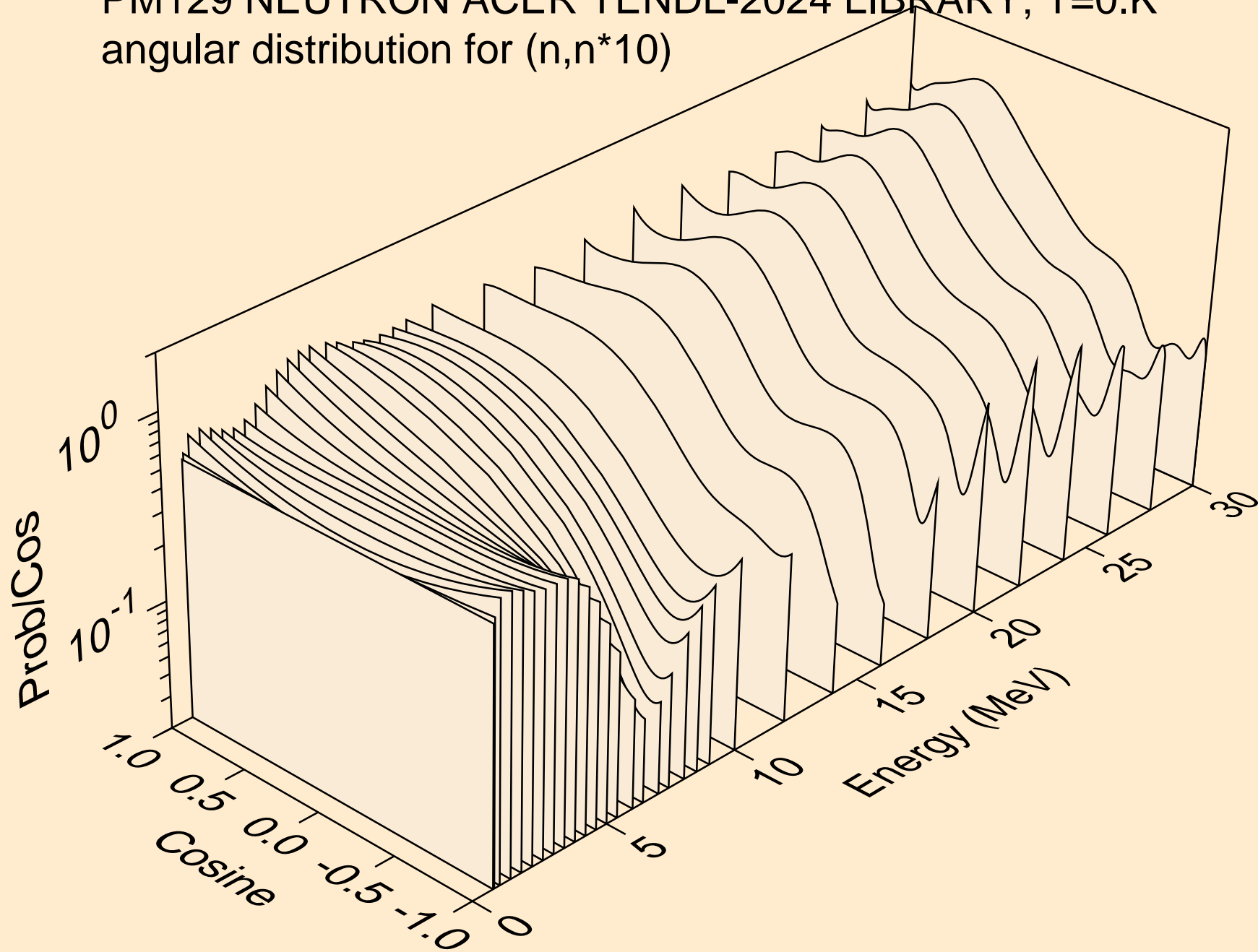


PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

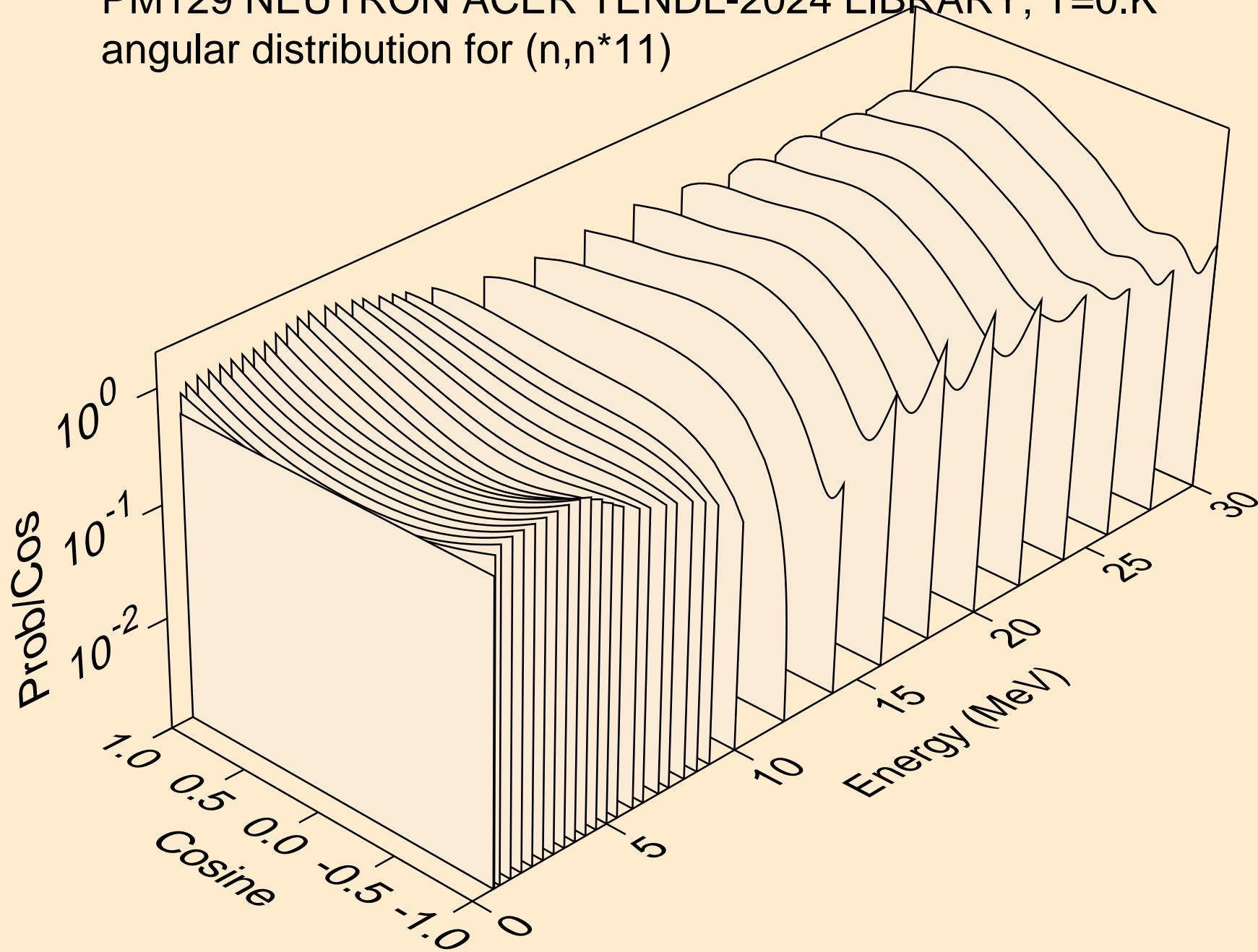




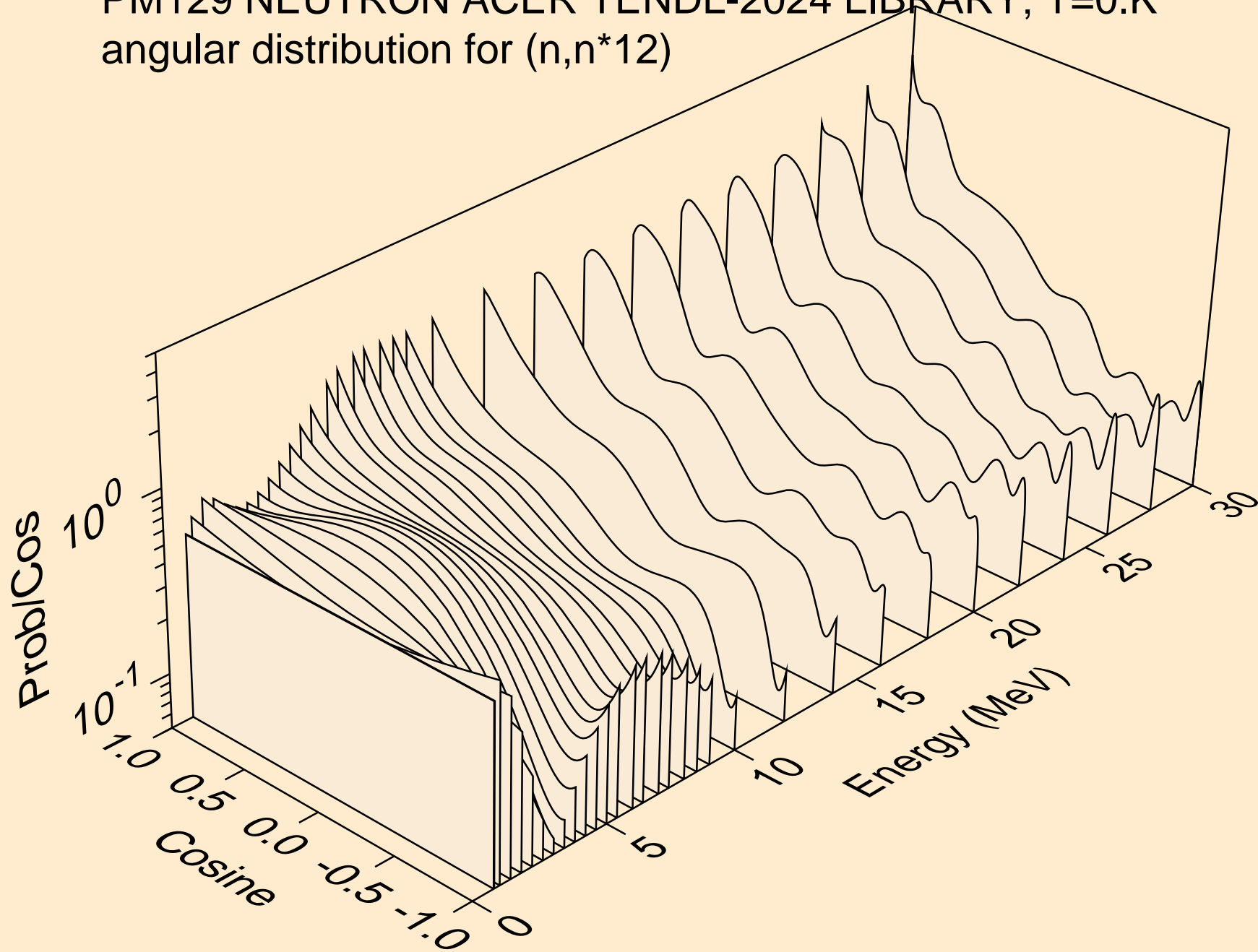
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



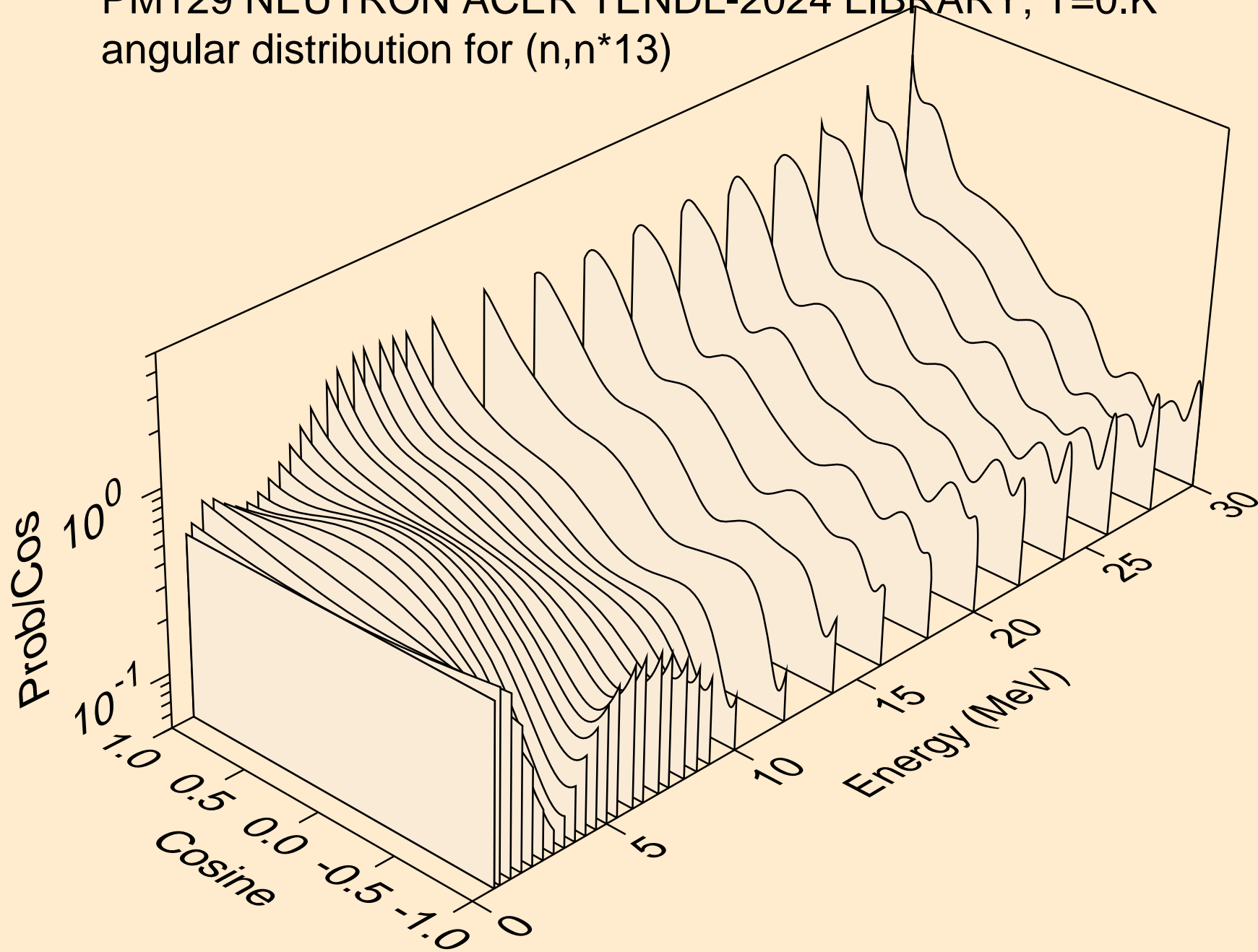
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angular distribution for (n,n\*11)



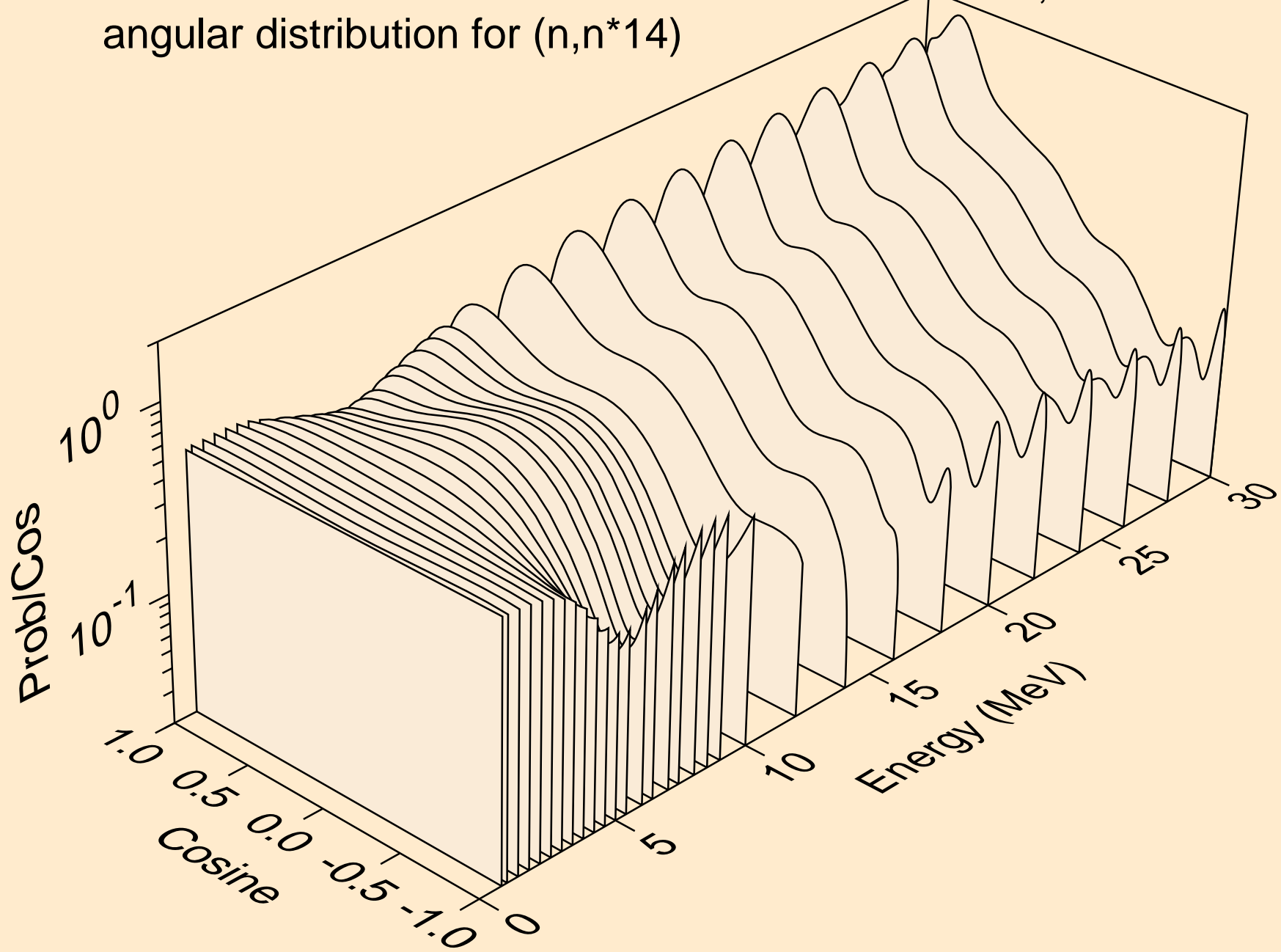
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angular distribution for (n,n\*12)



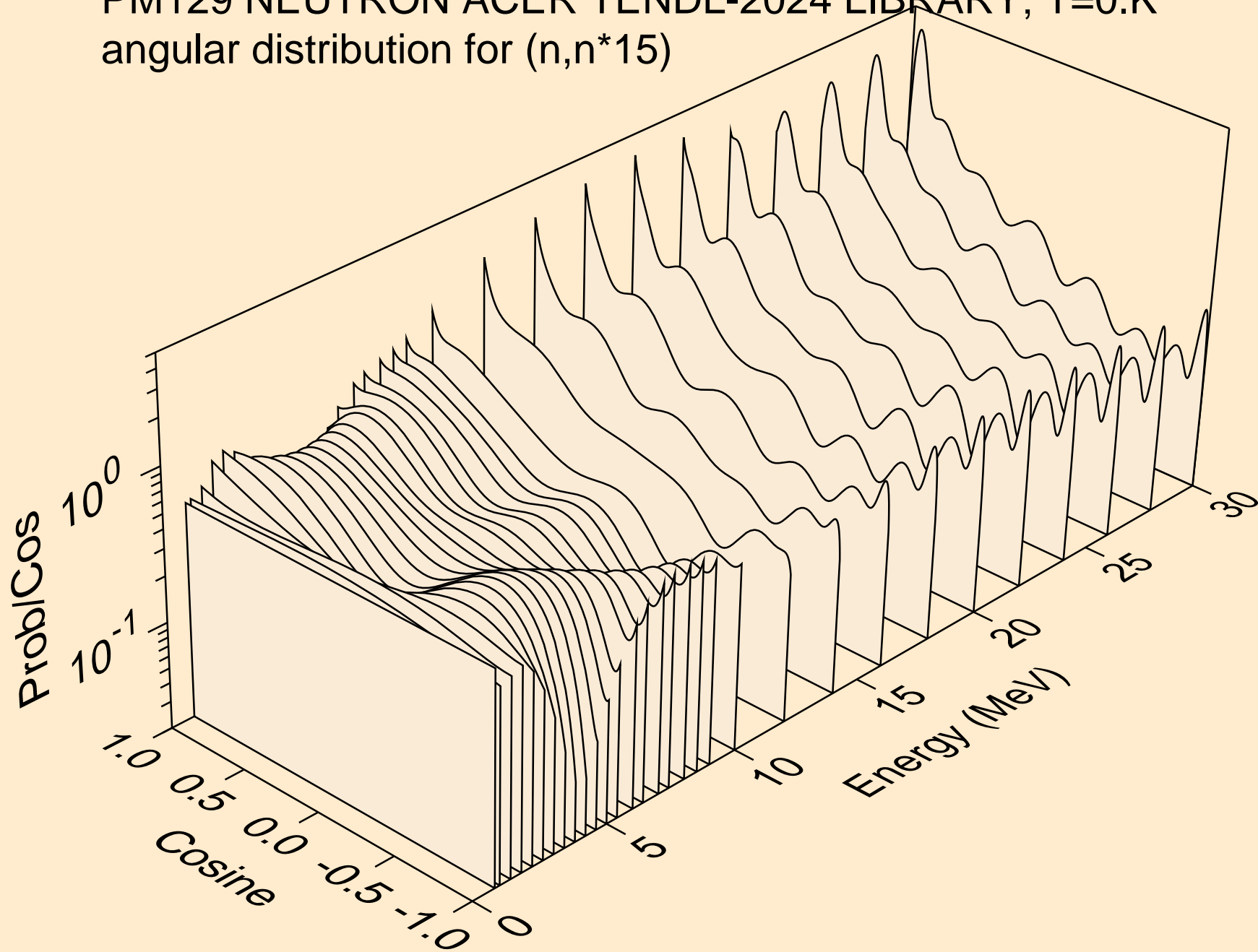
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angular distribution for (n,n\*13)



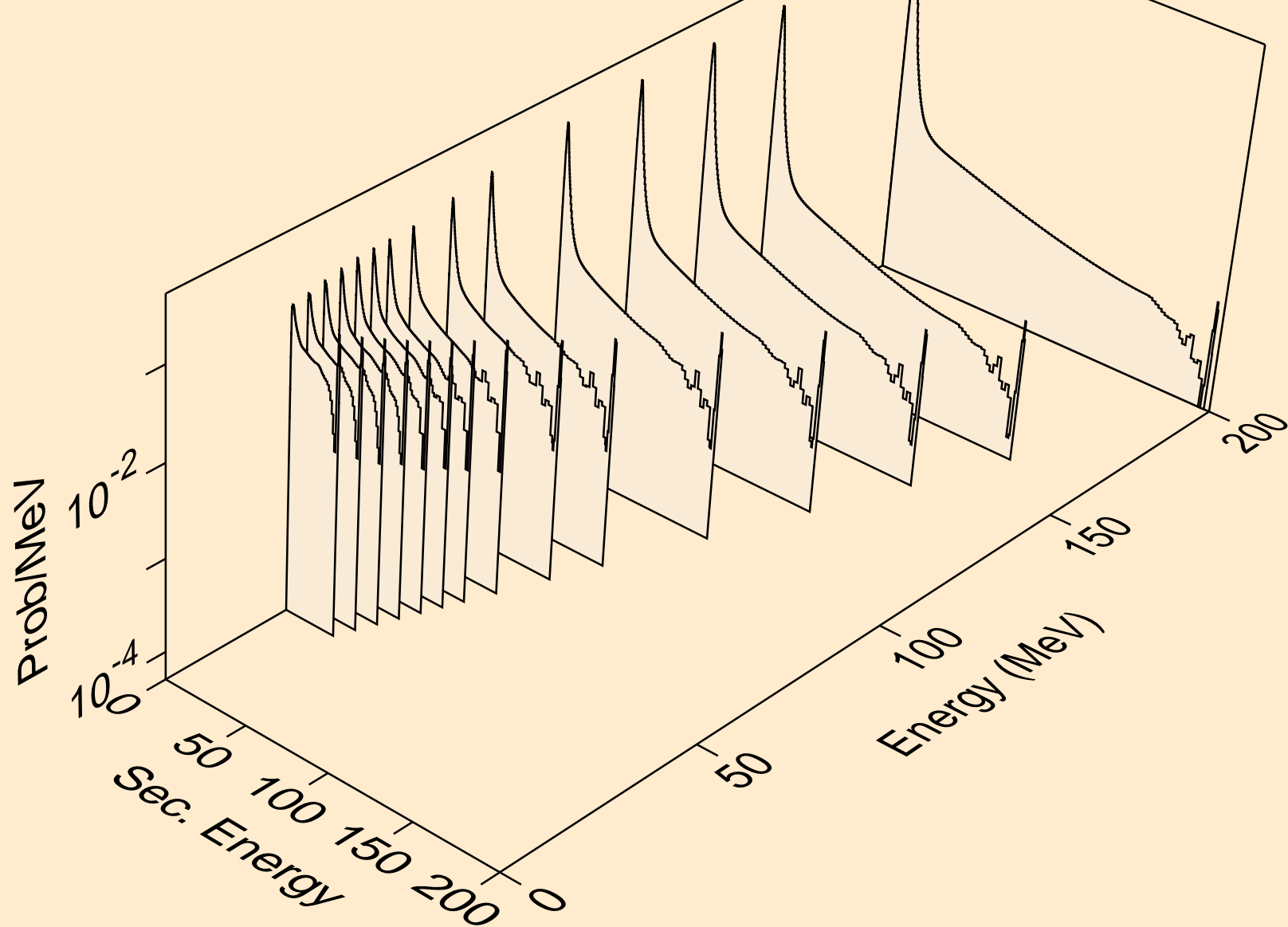
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angular distribution for (n,n\*14)



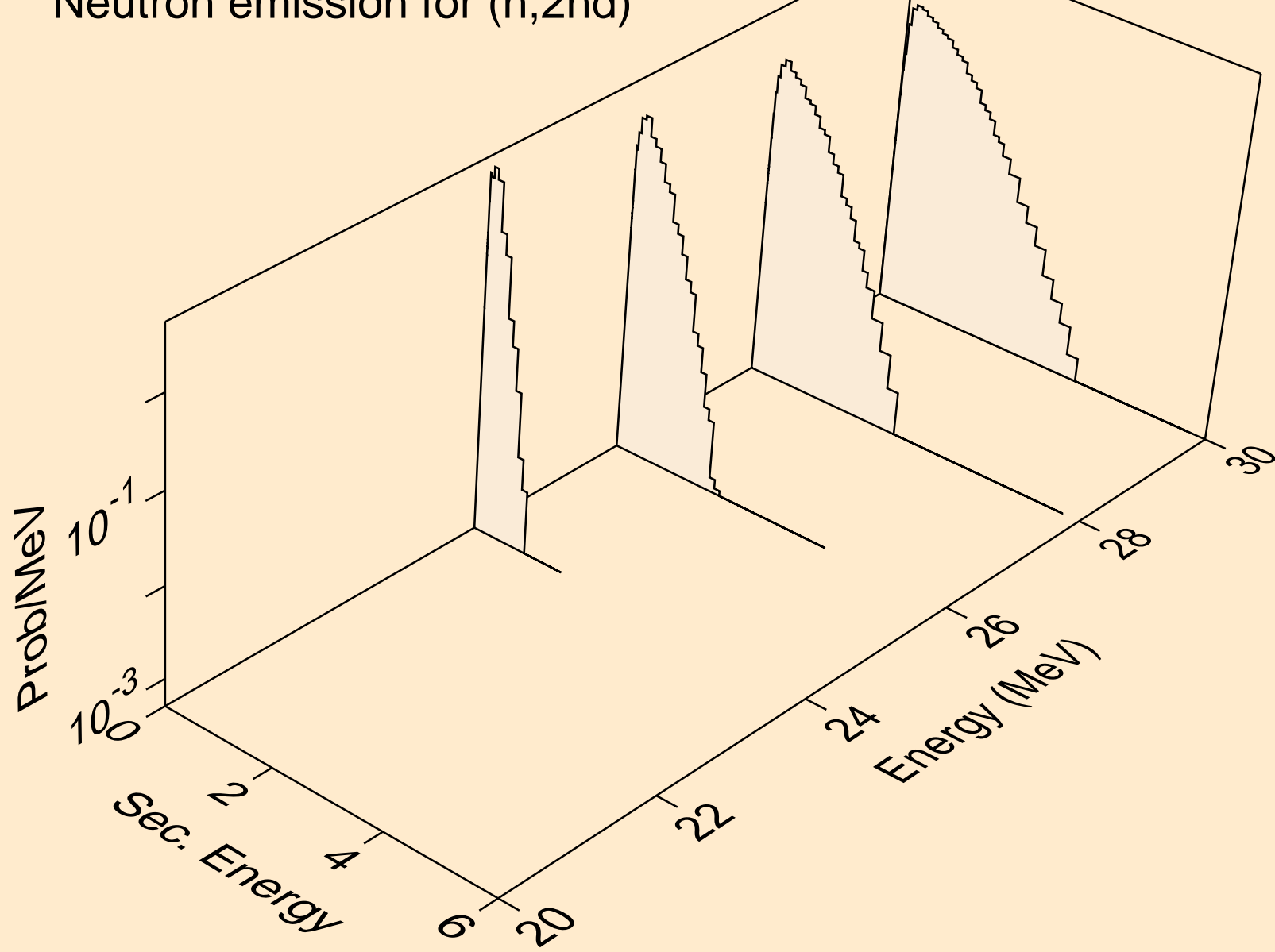
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

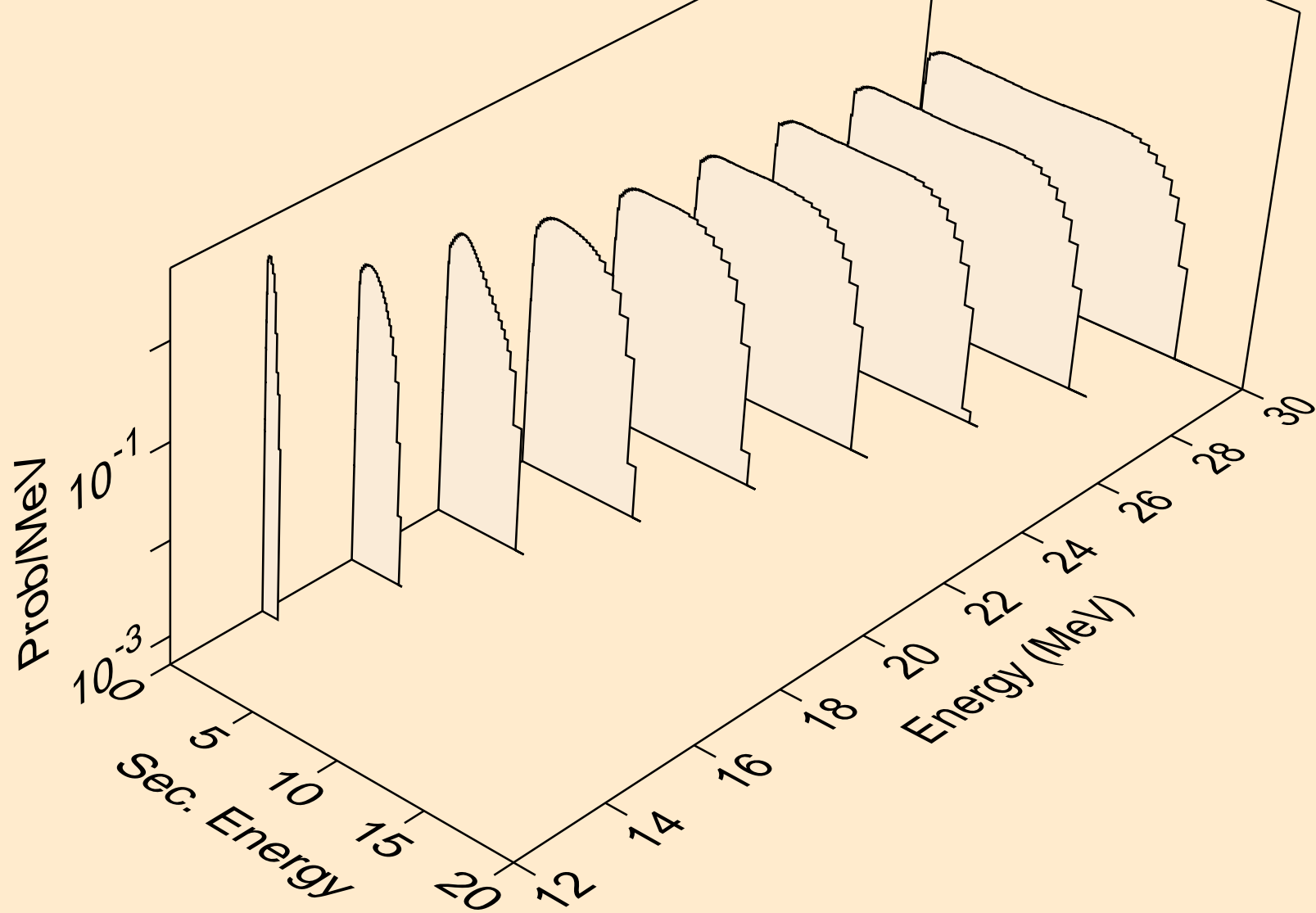


PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

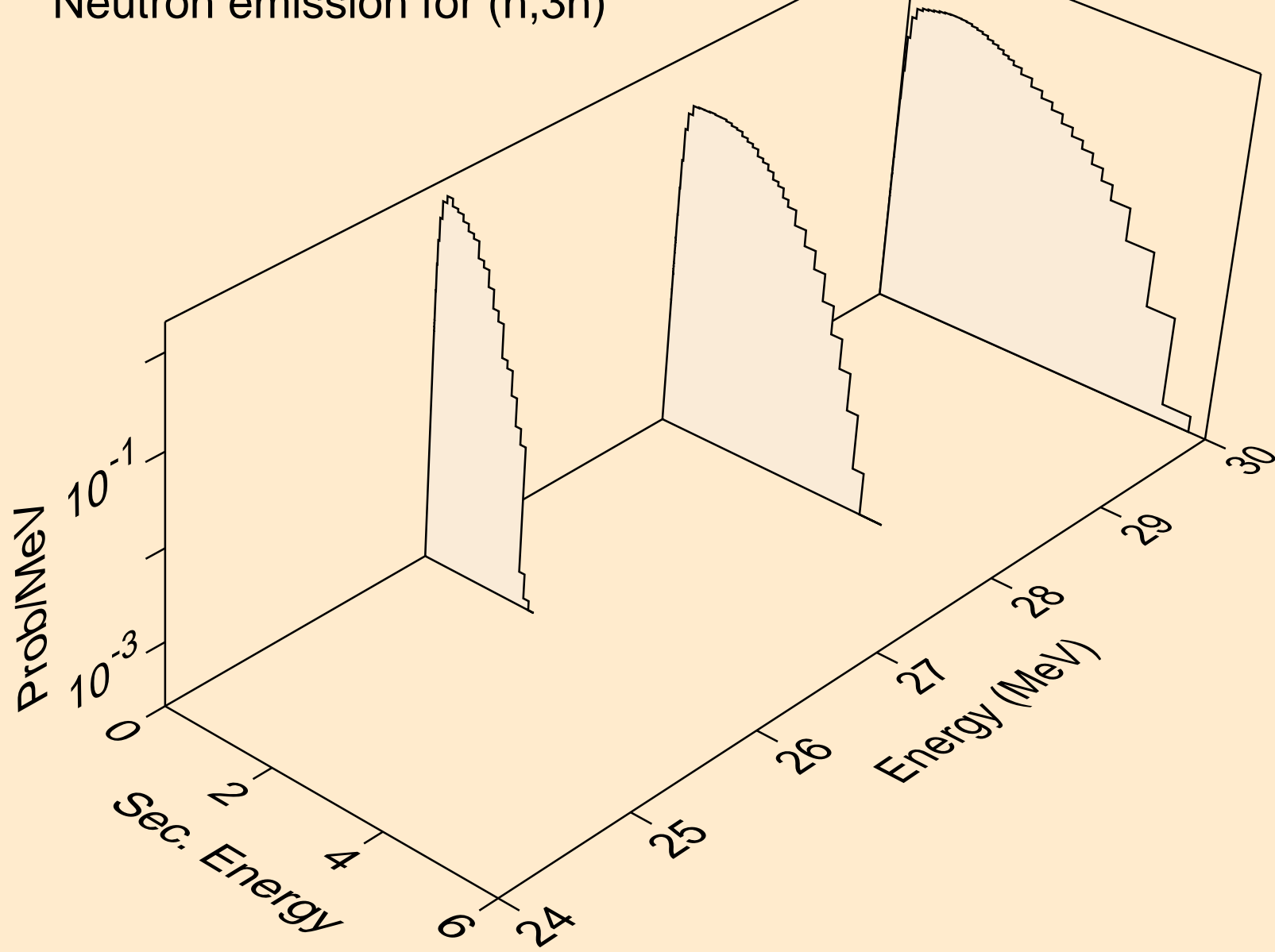




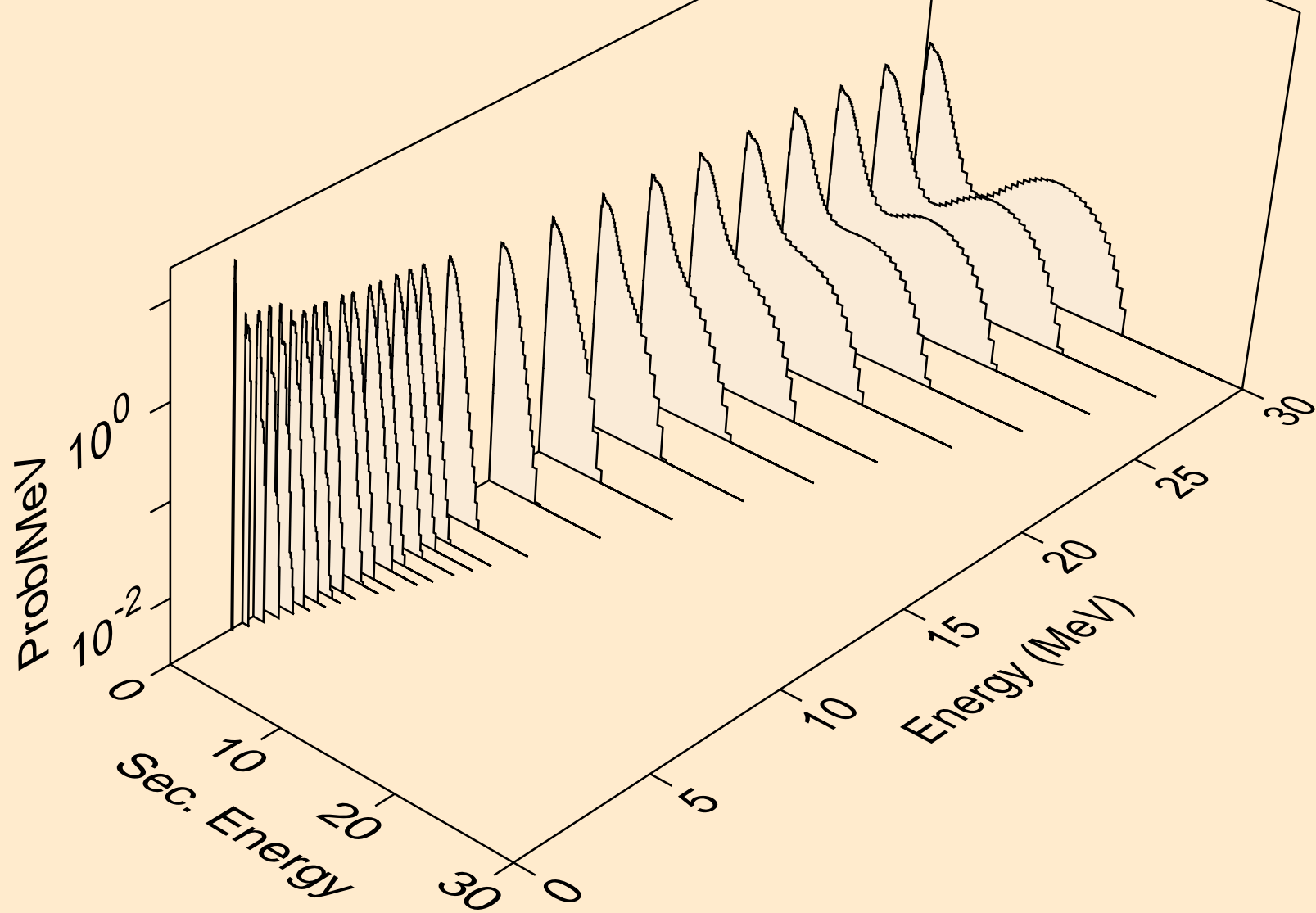
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



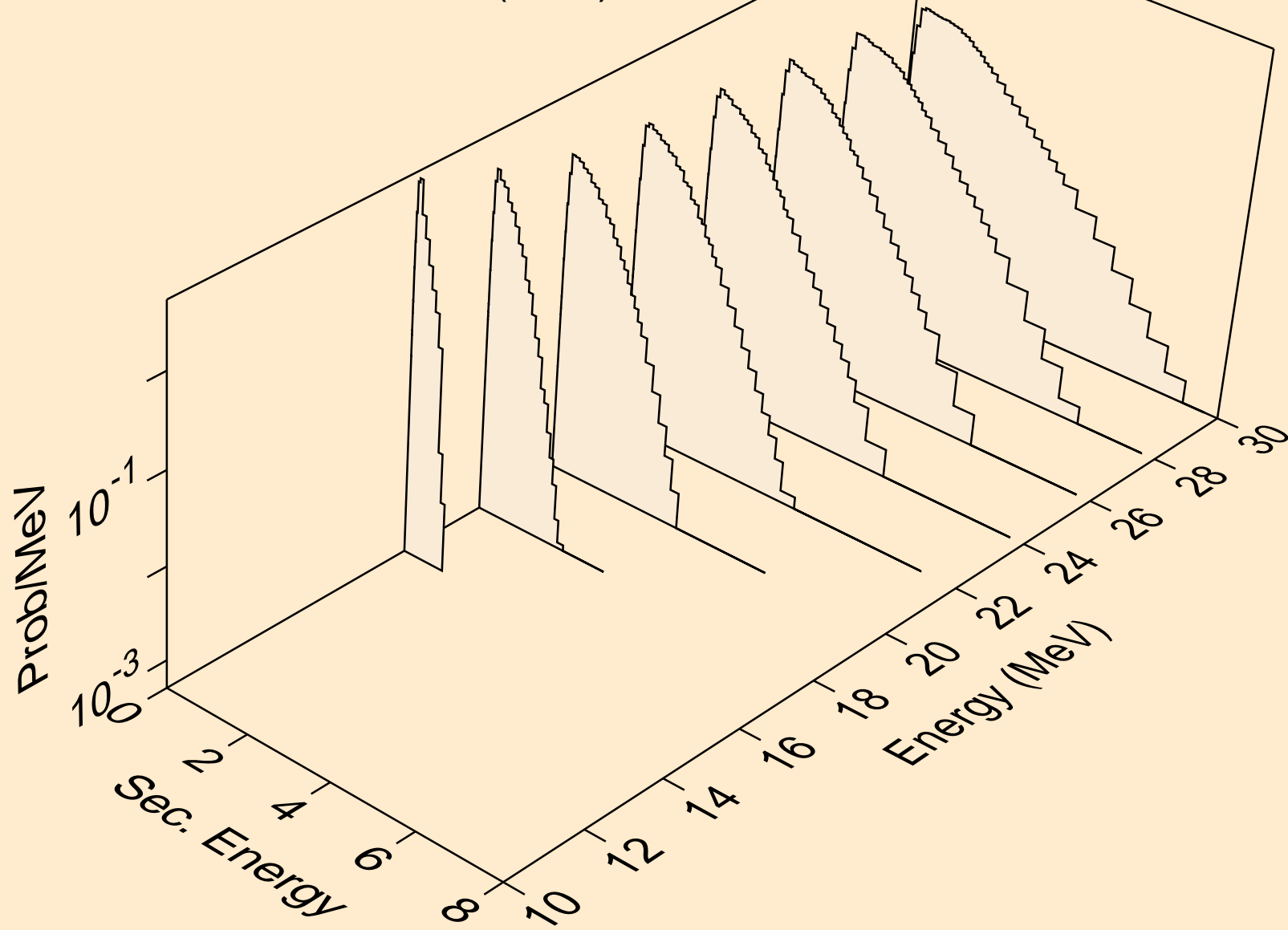
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



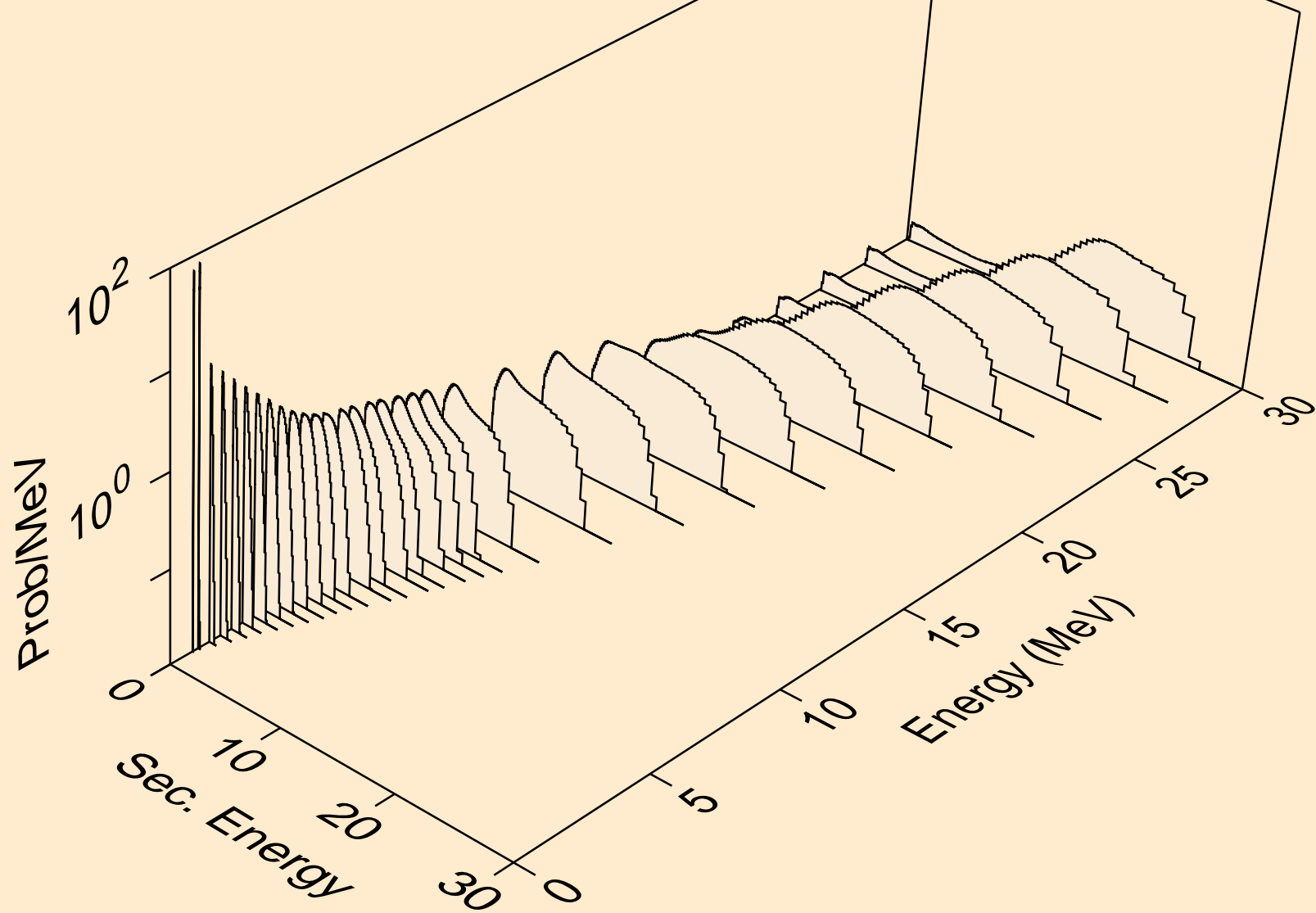
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



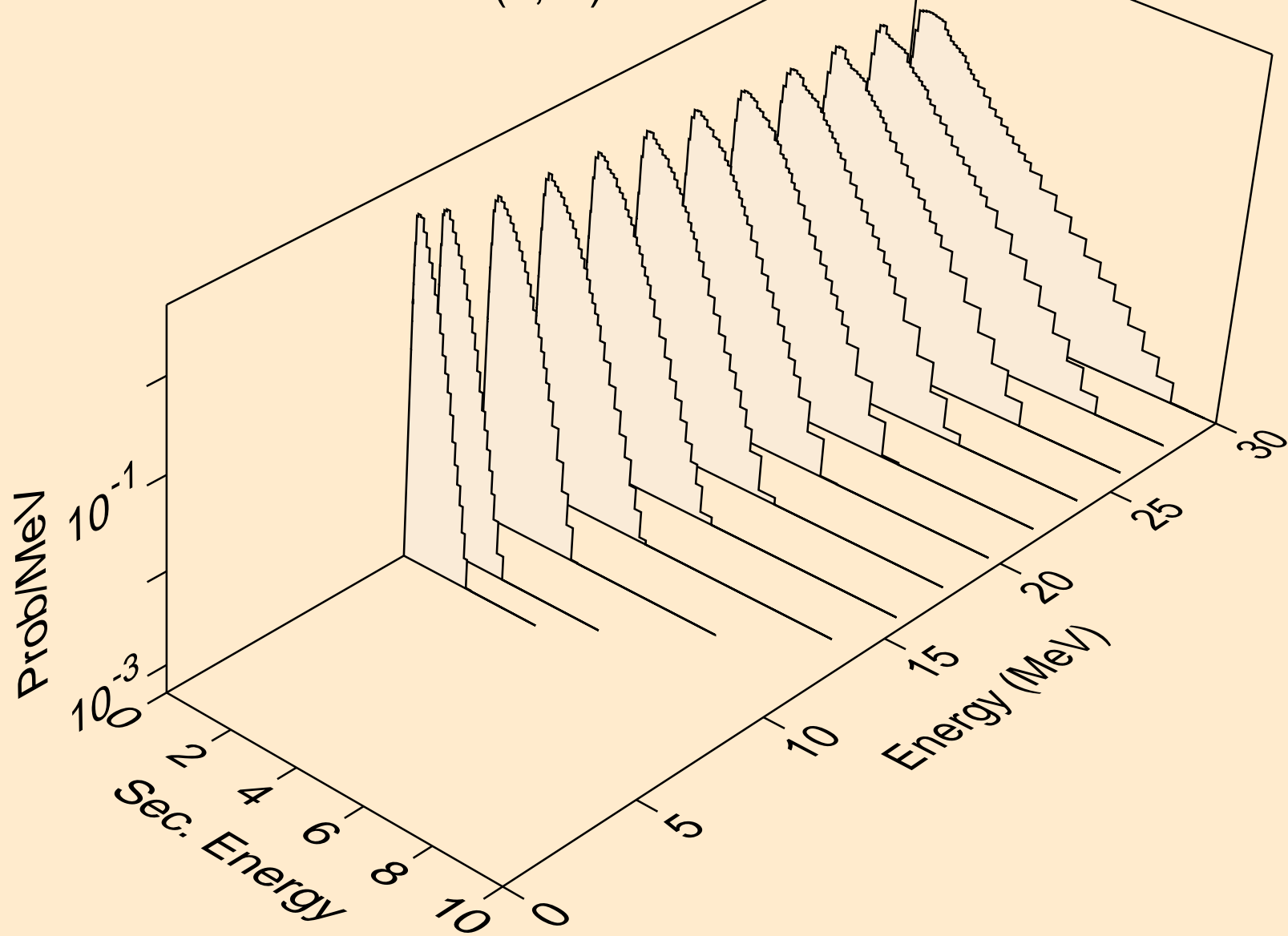
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Neutron emission for (n,2n)a



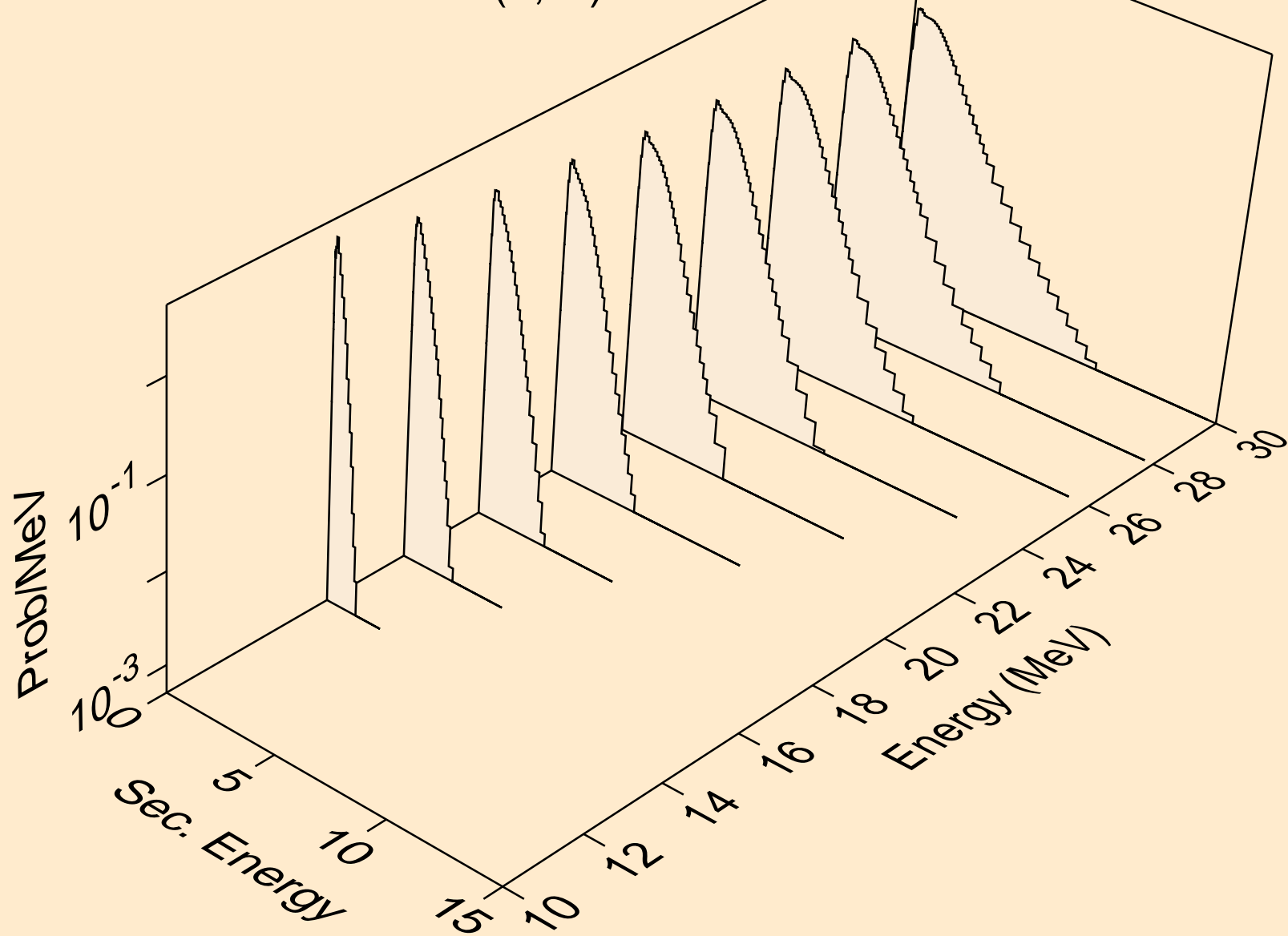
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



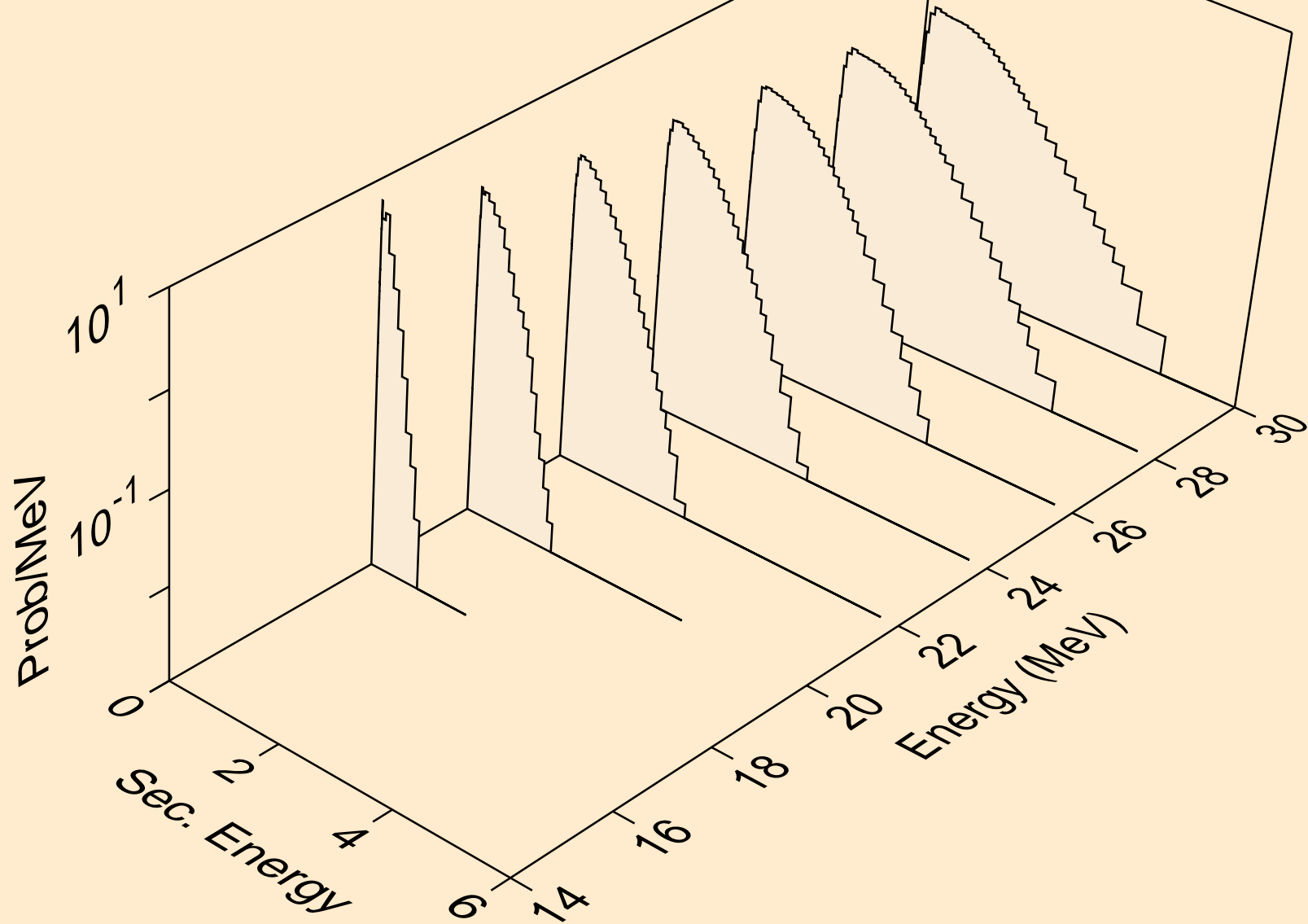
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

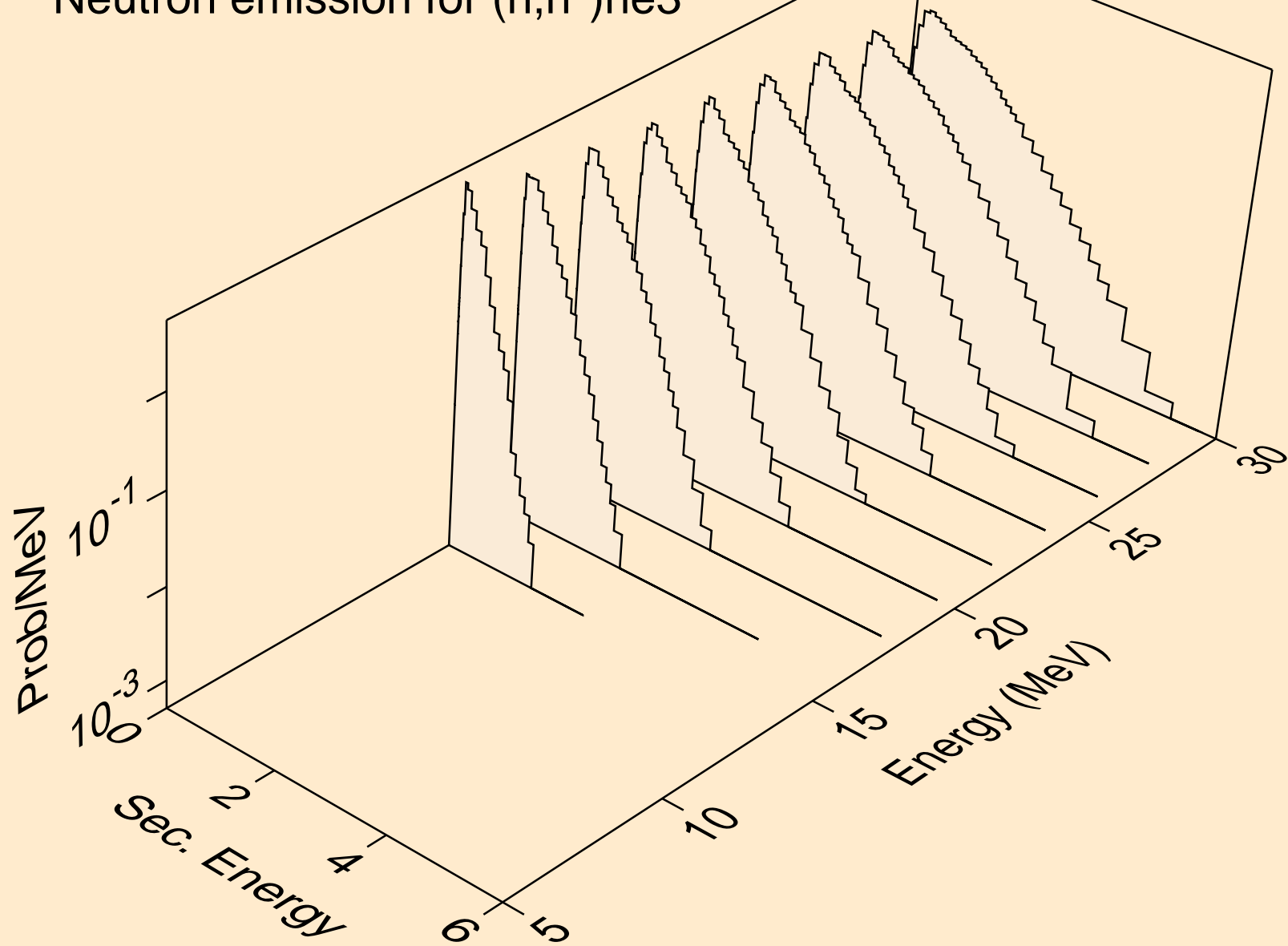


PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

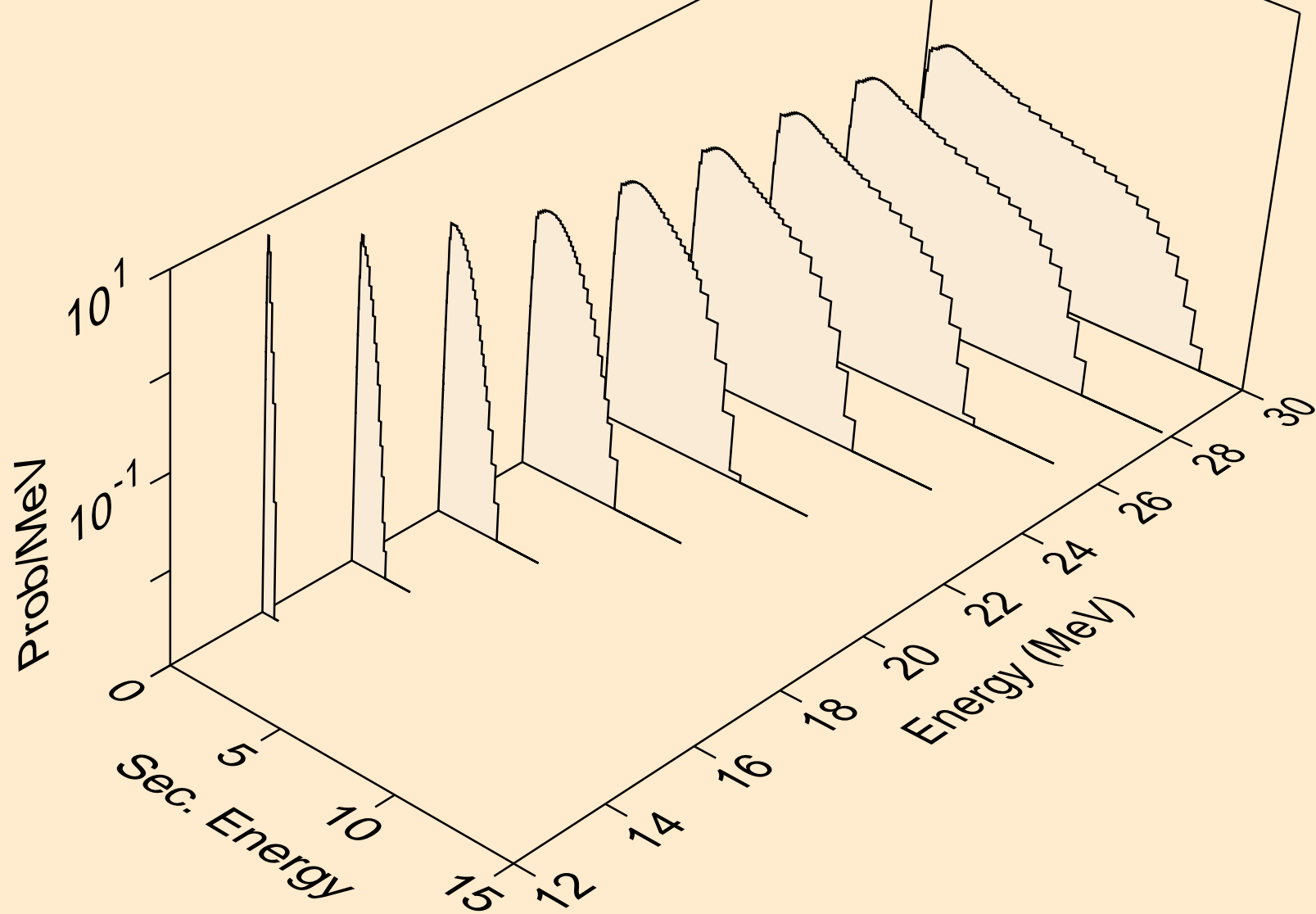




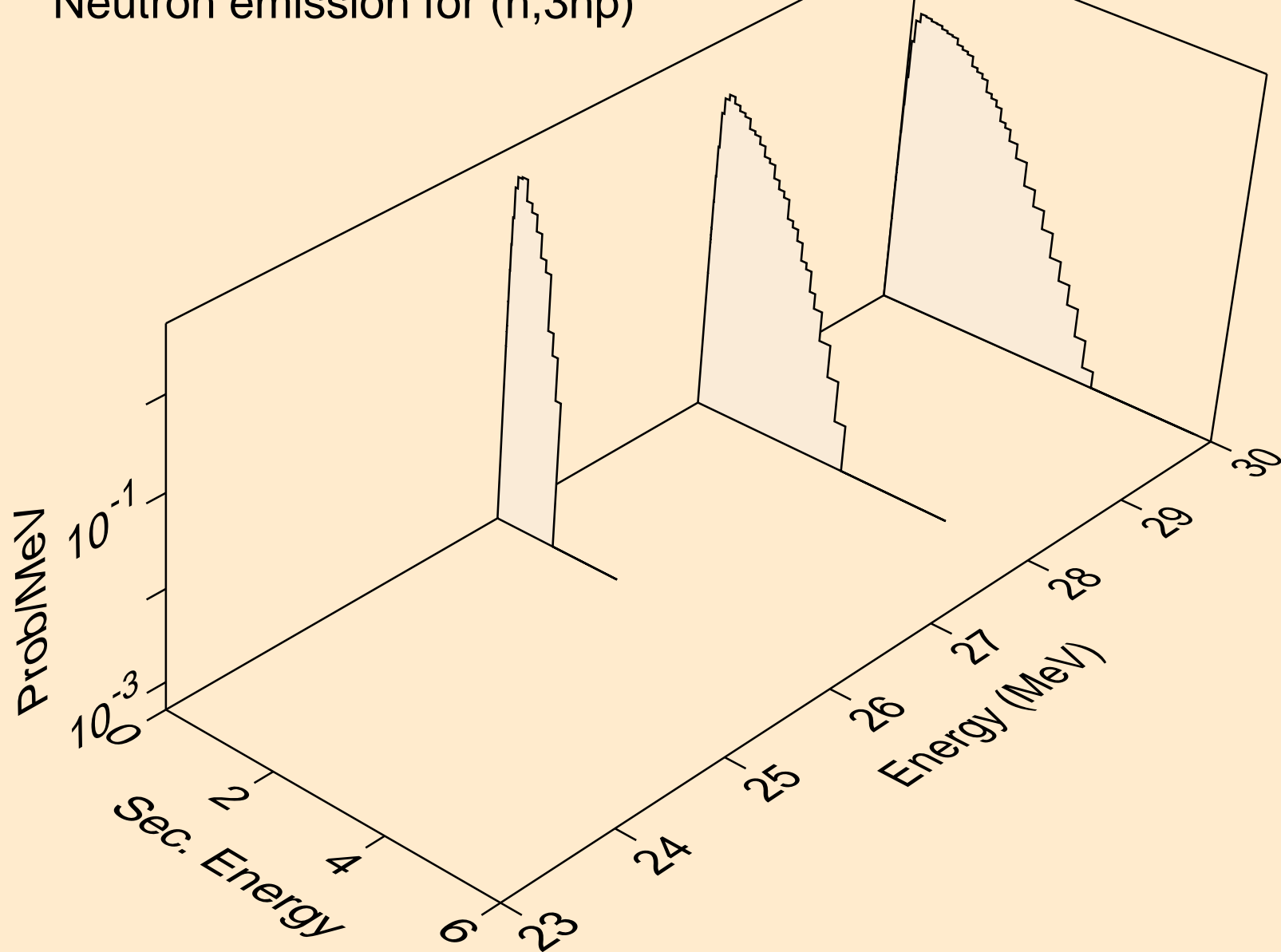
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



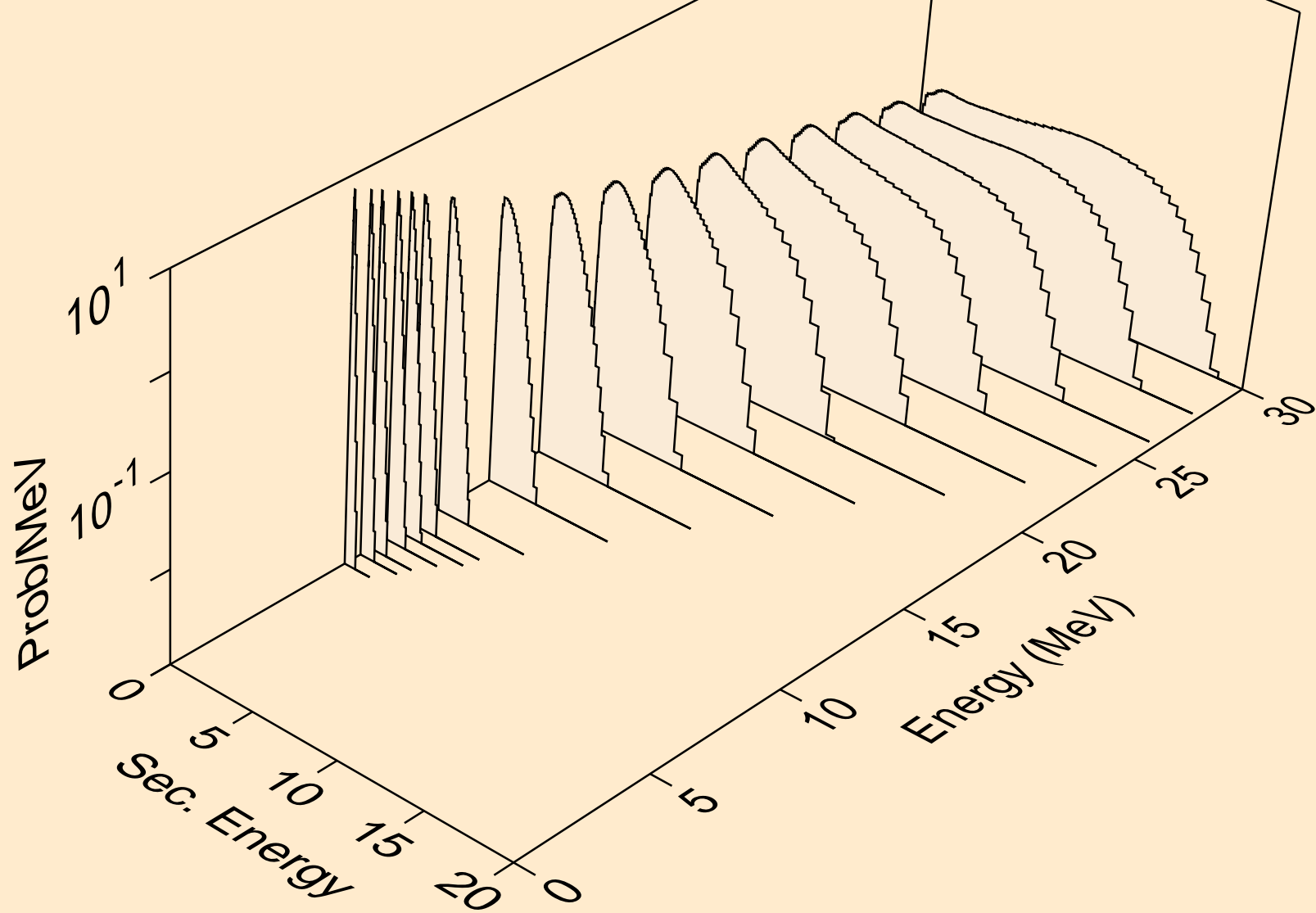
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Neutron emission for (n,2np)



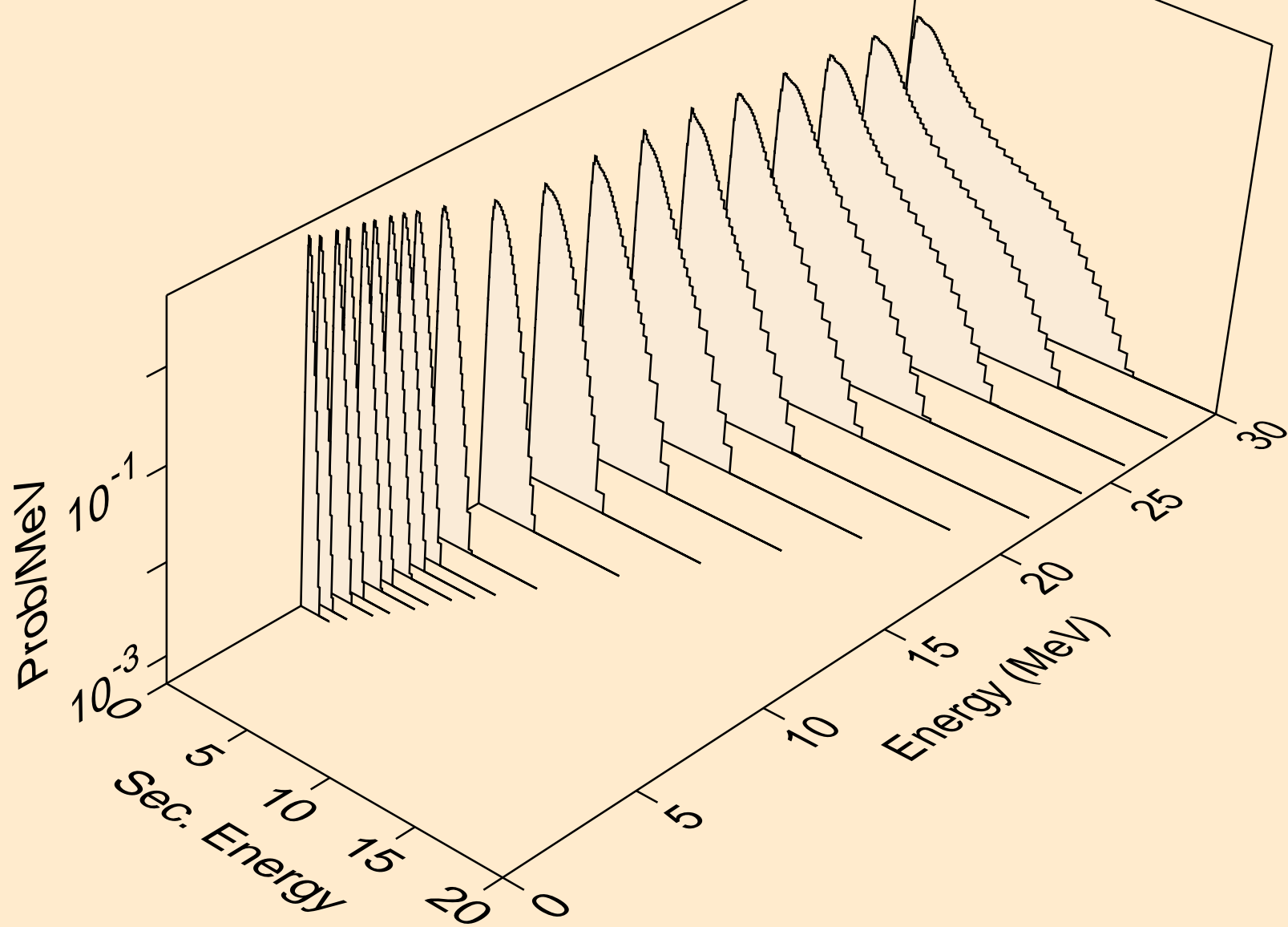
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Neutron emission for (n,3np)



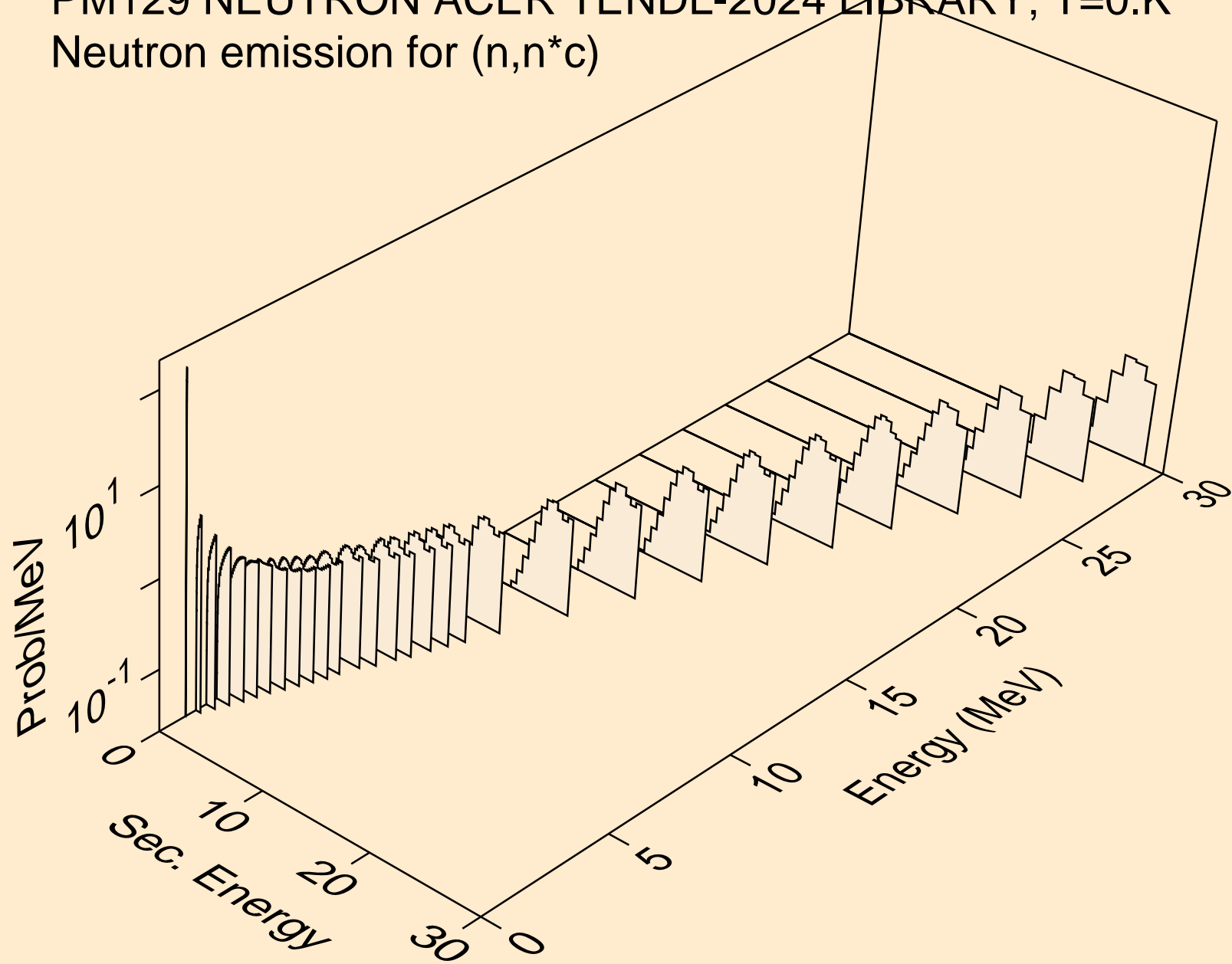
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Neutron emission for (n,n2p)



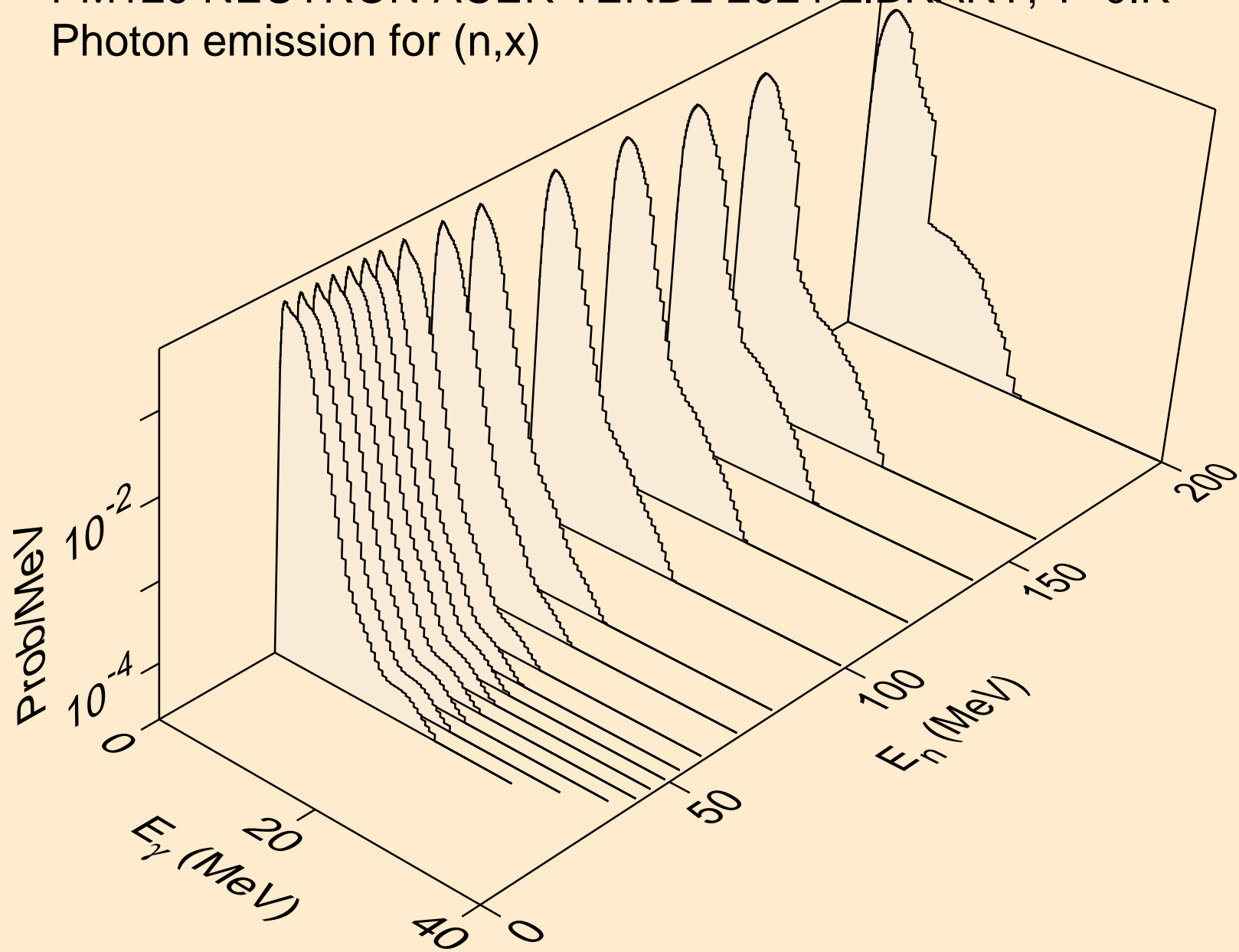
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



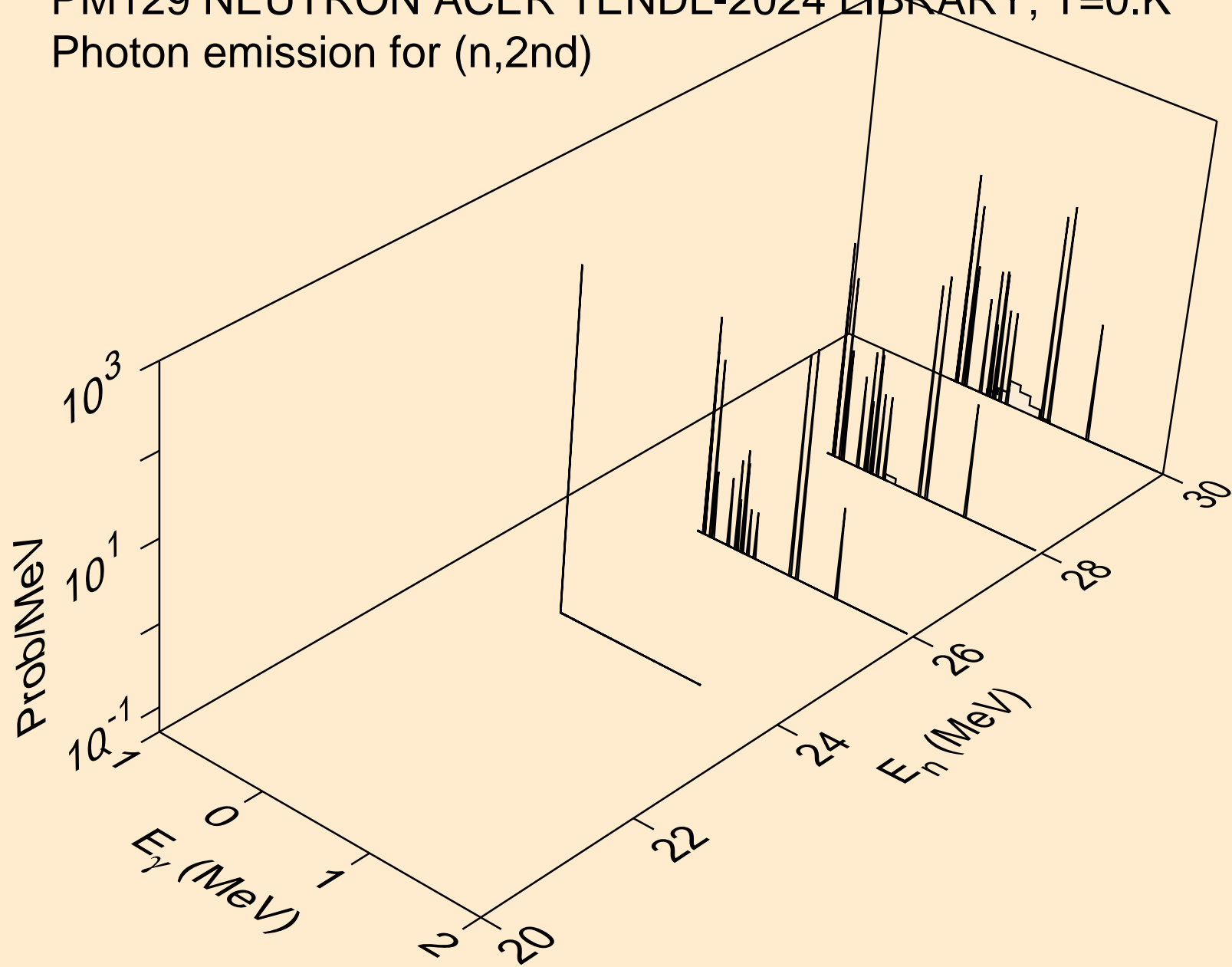
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

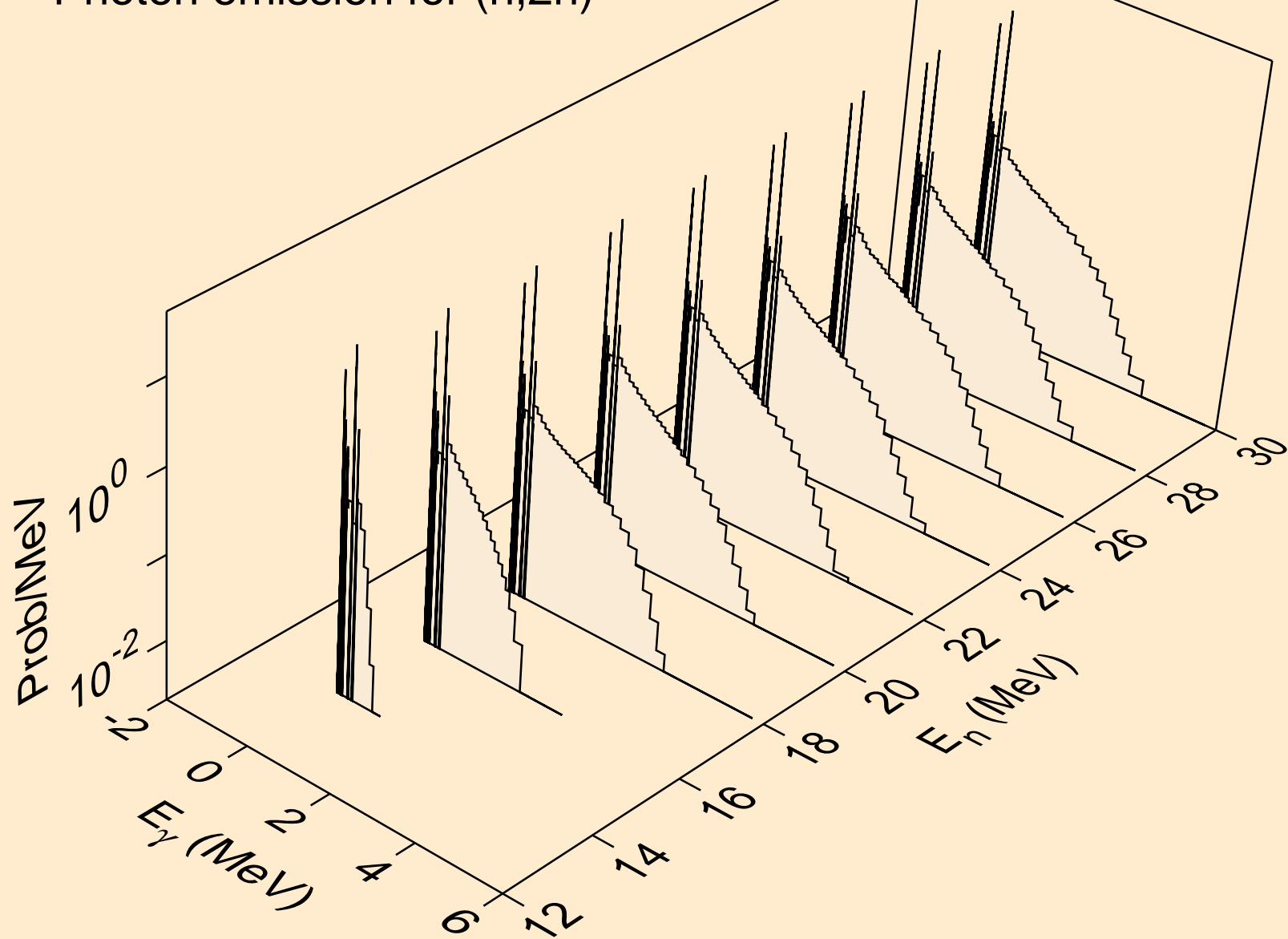


PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)

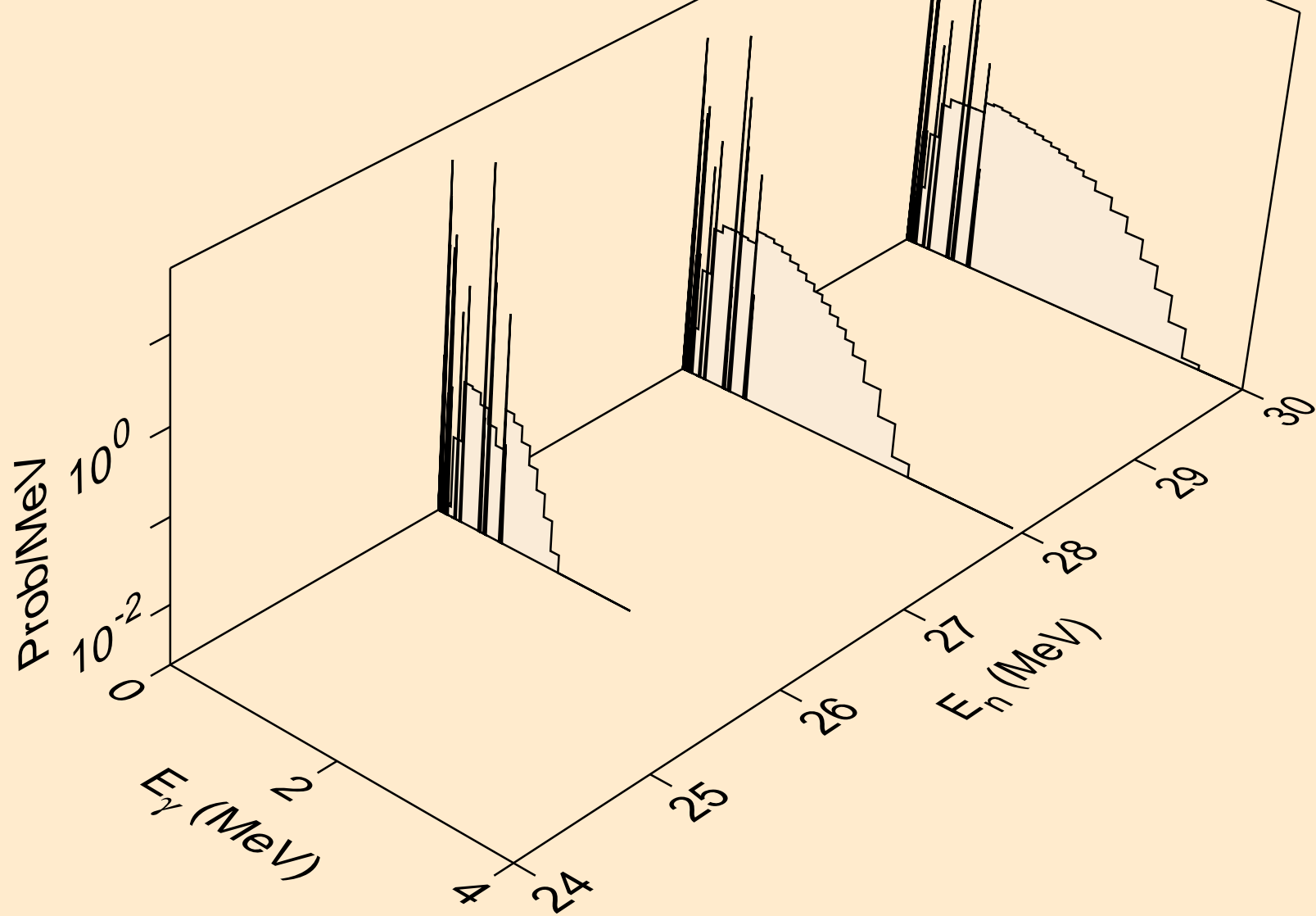




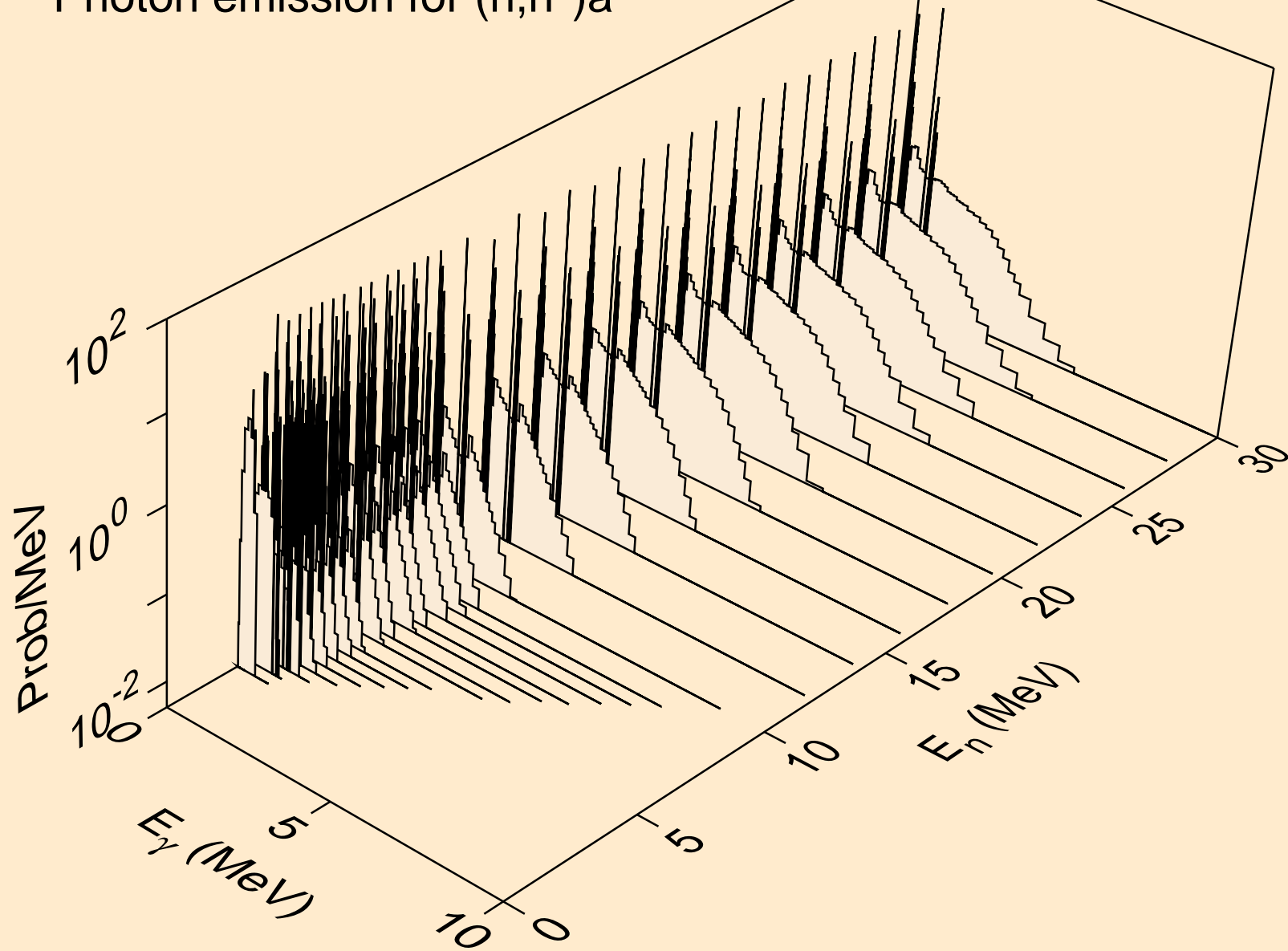
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



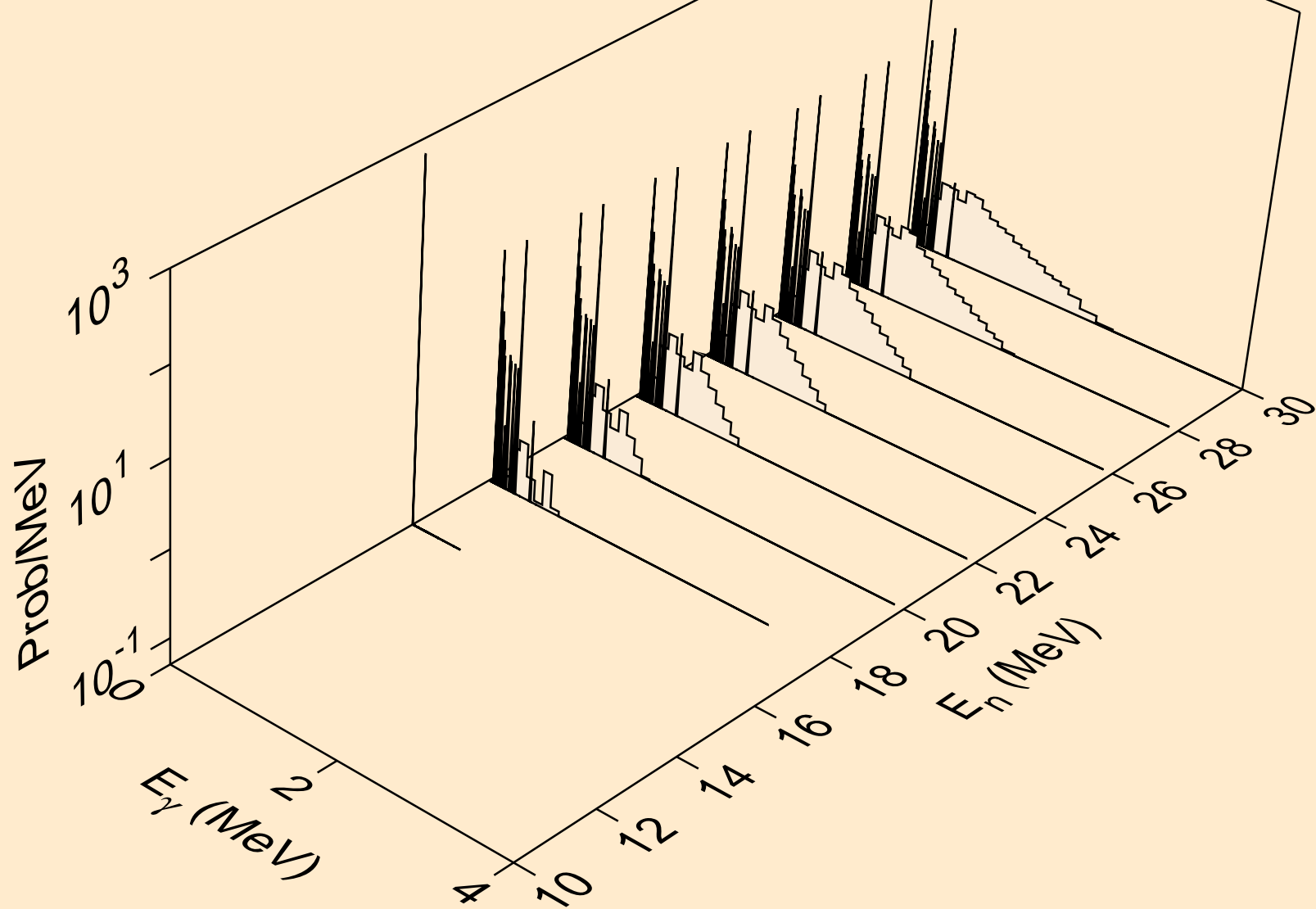
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



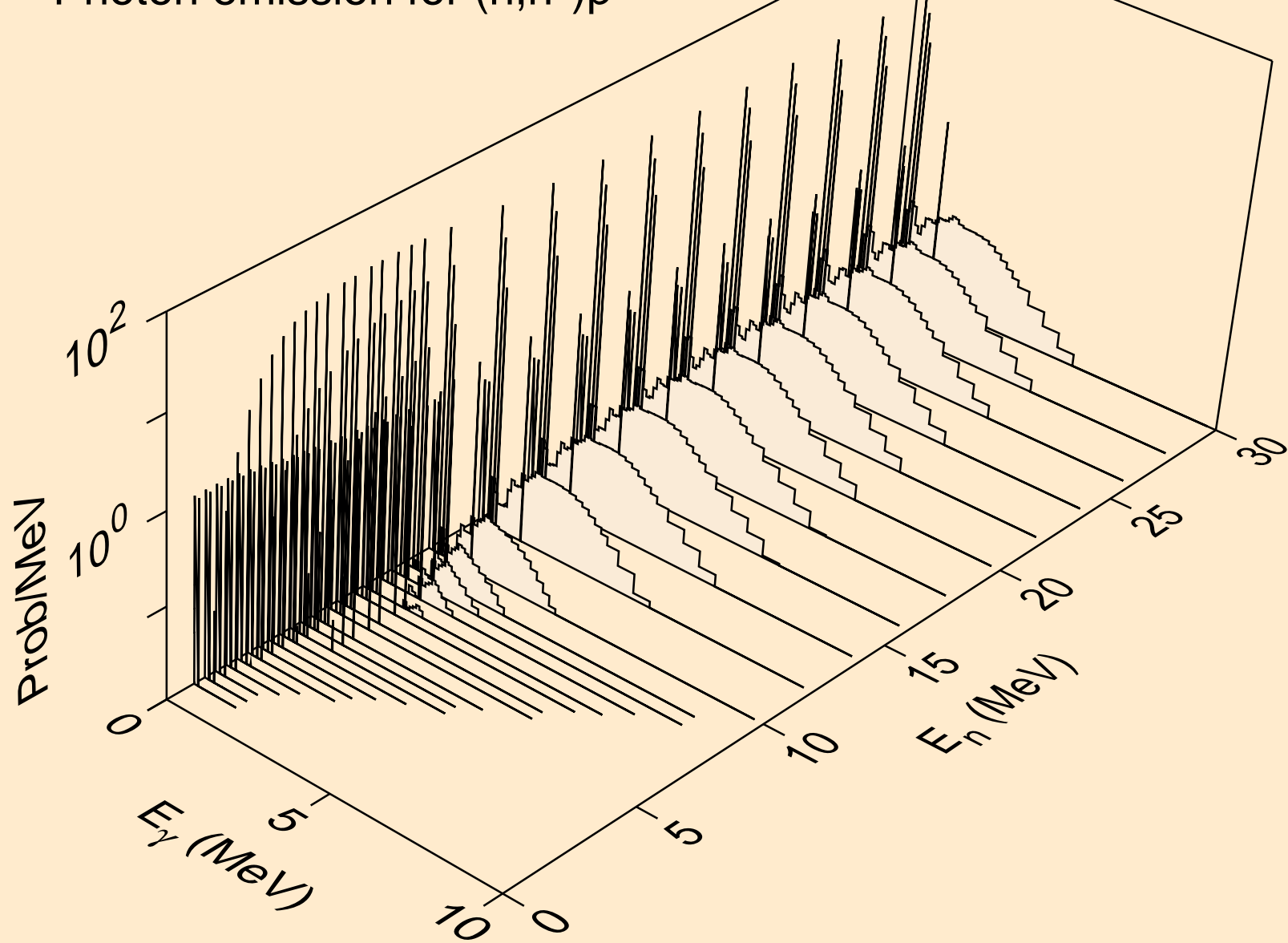
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



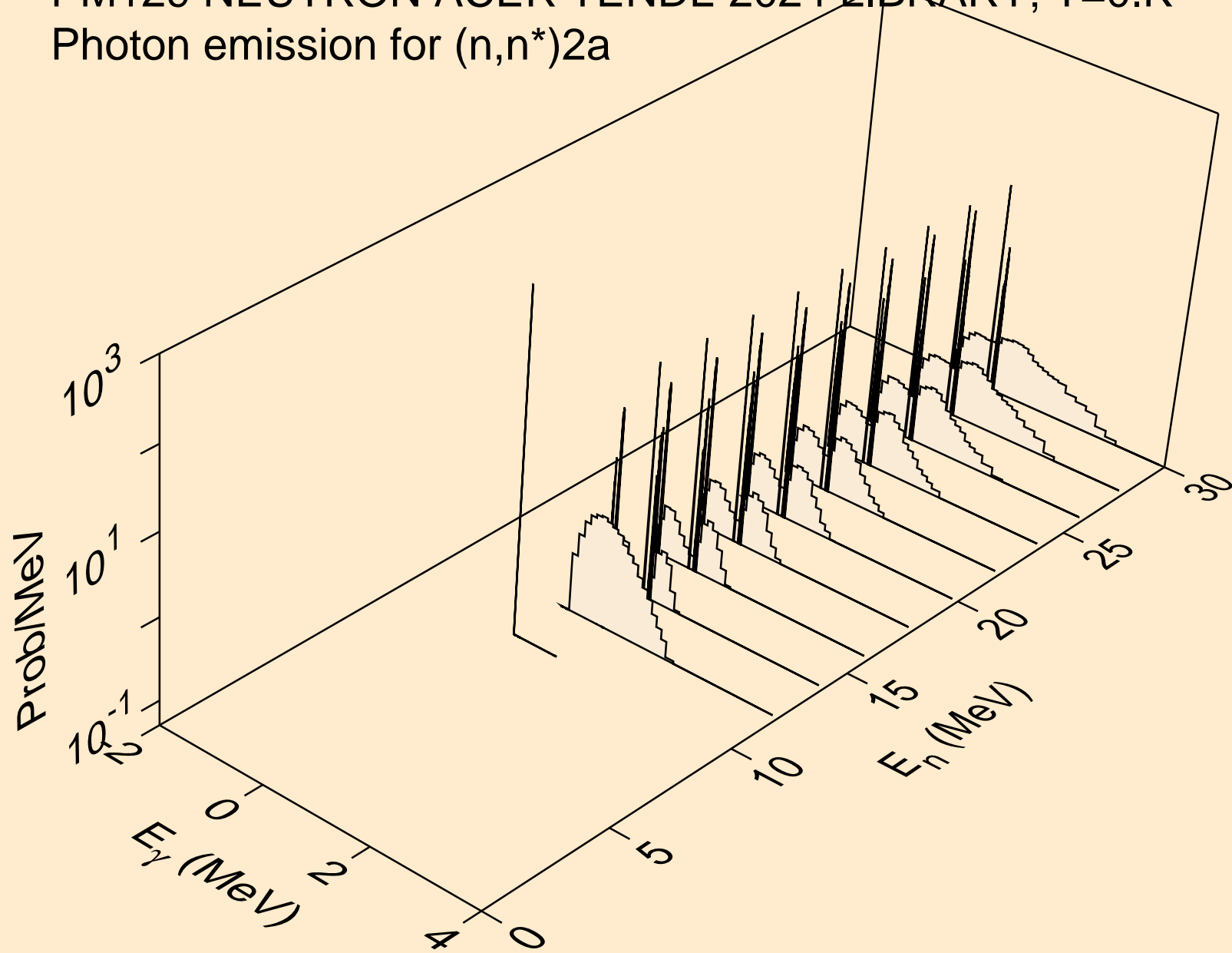
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



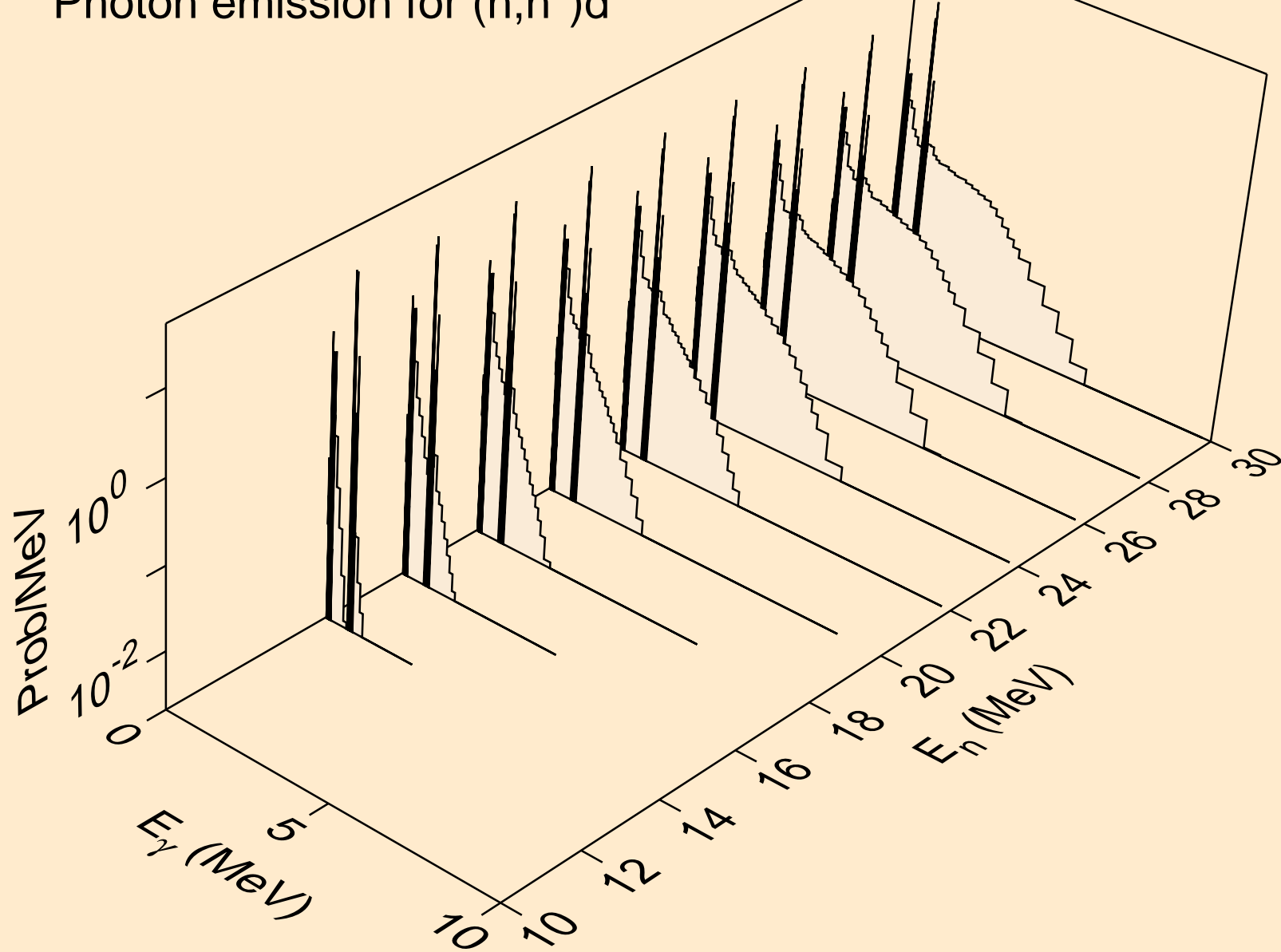
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



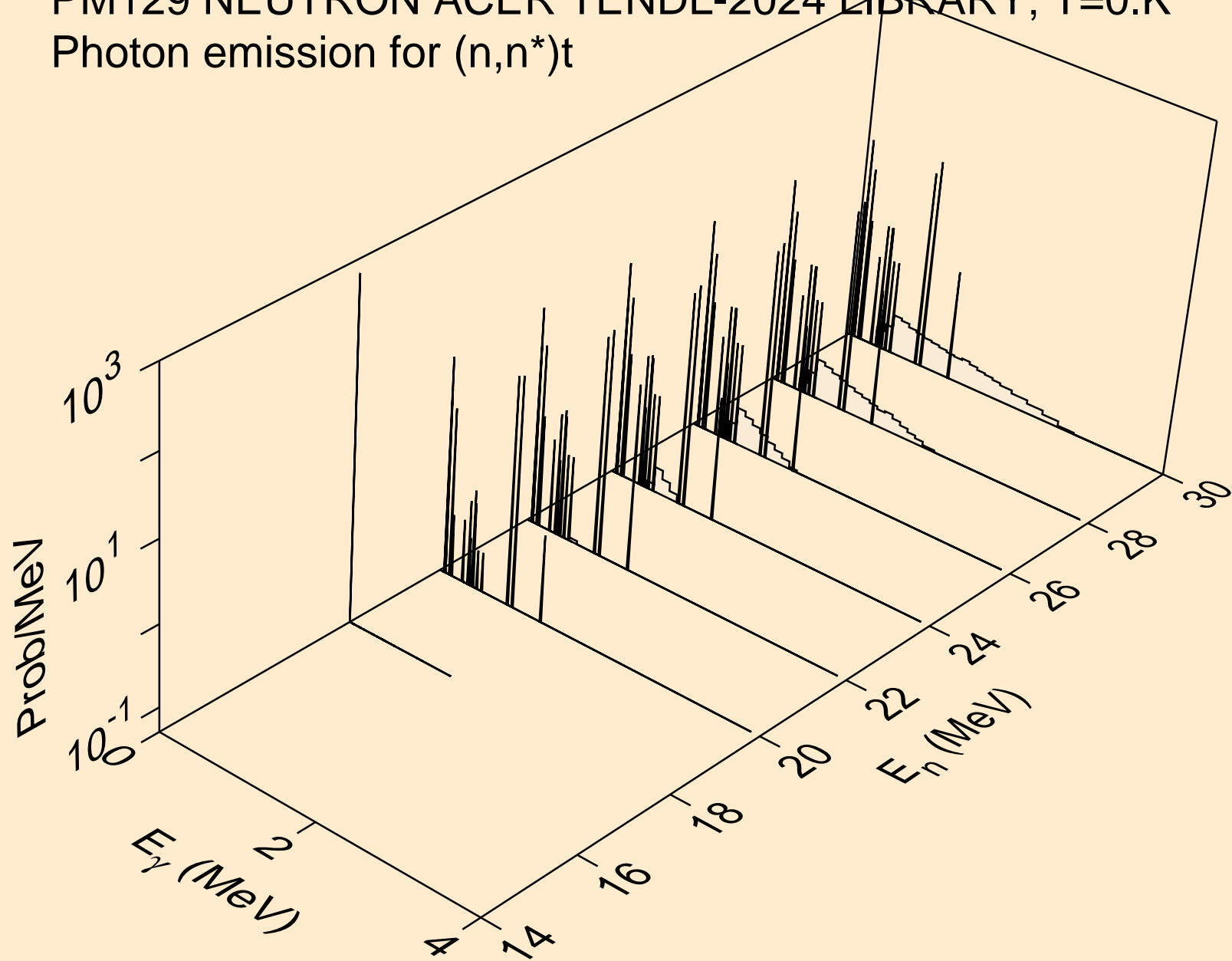
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

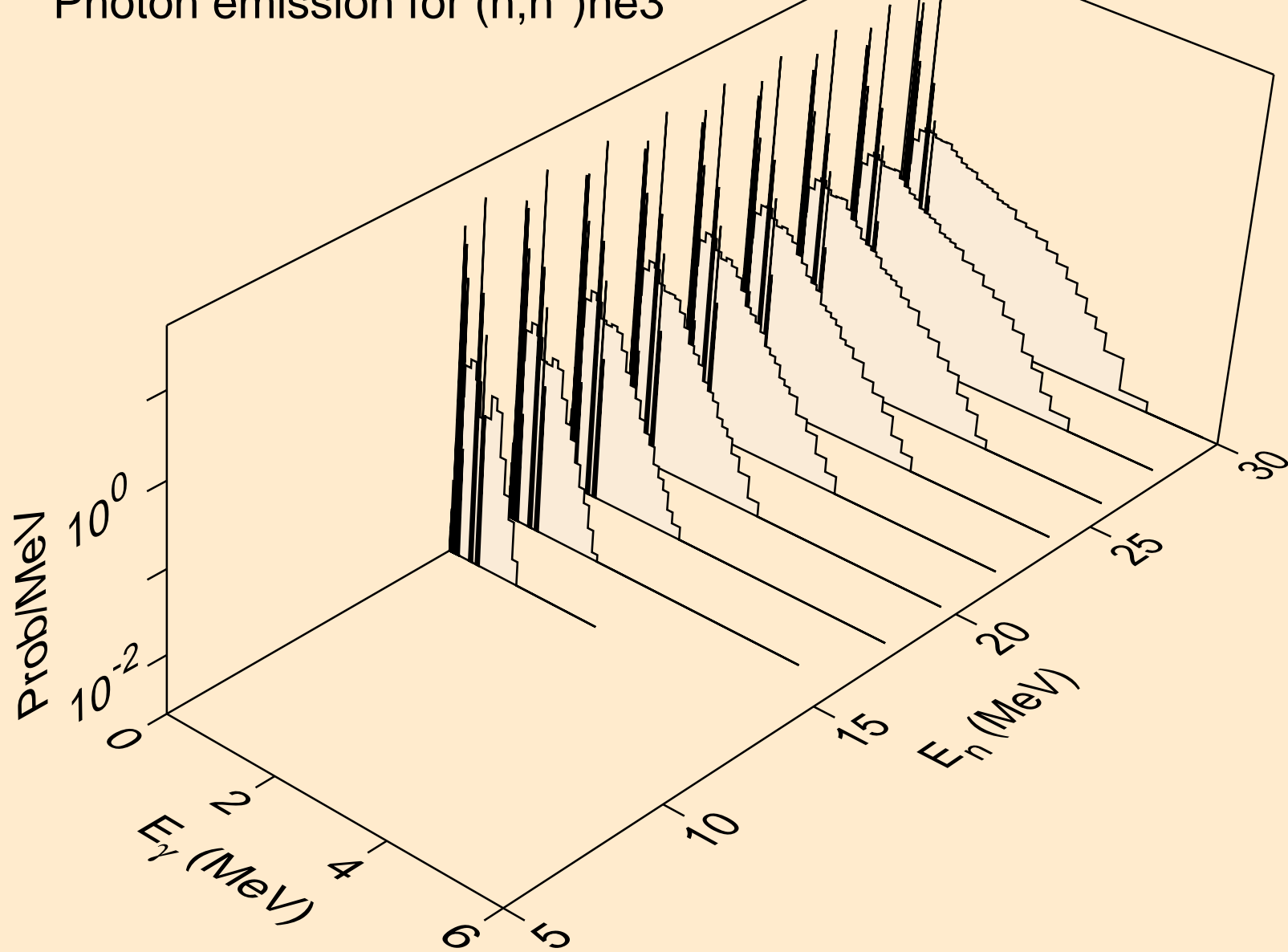


PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

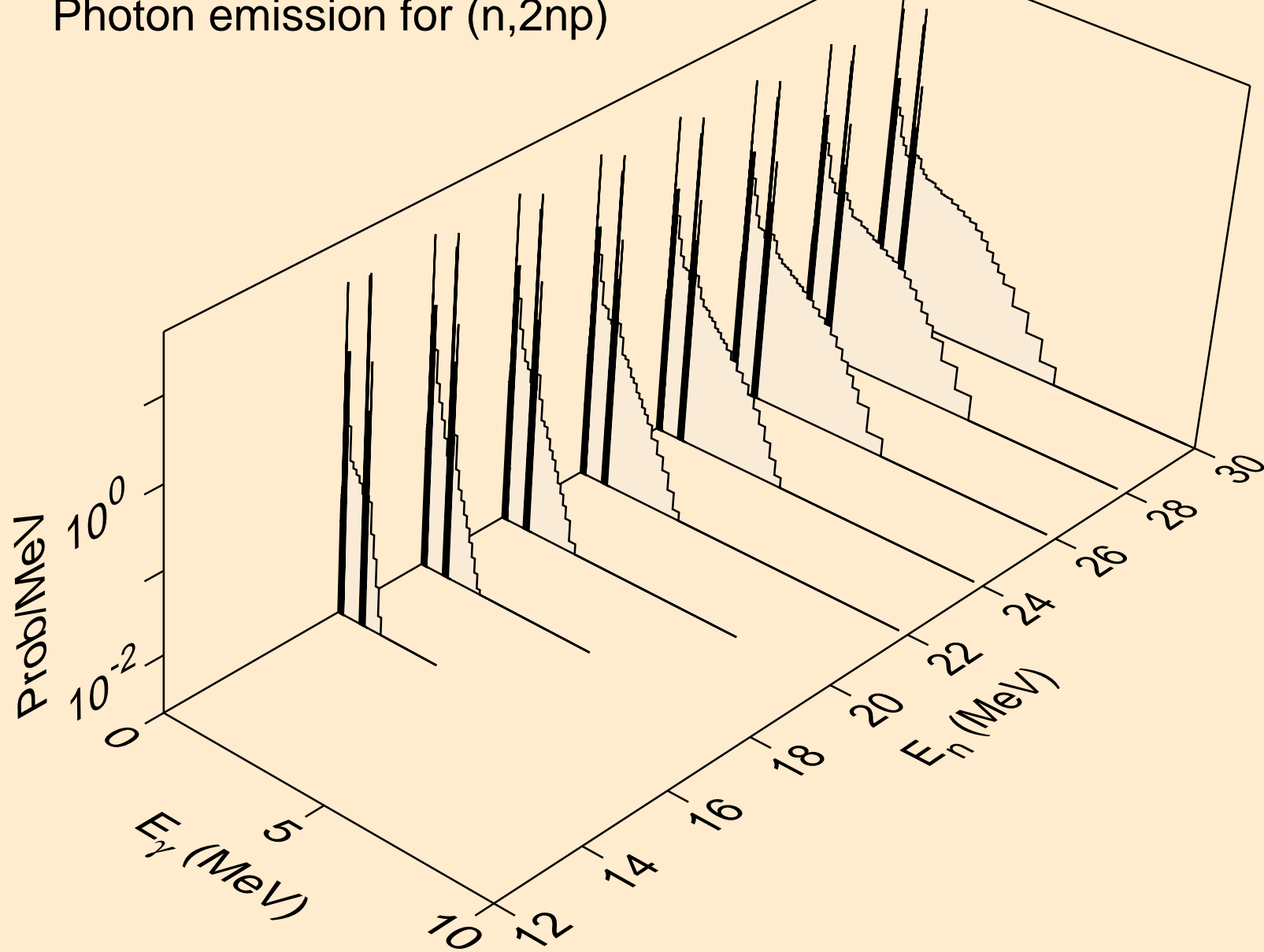




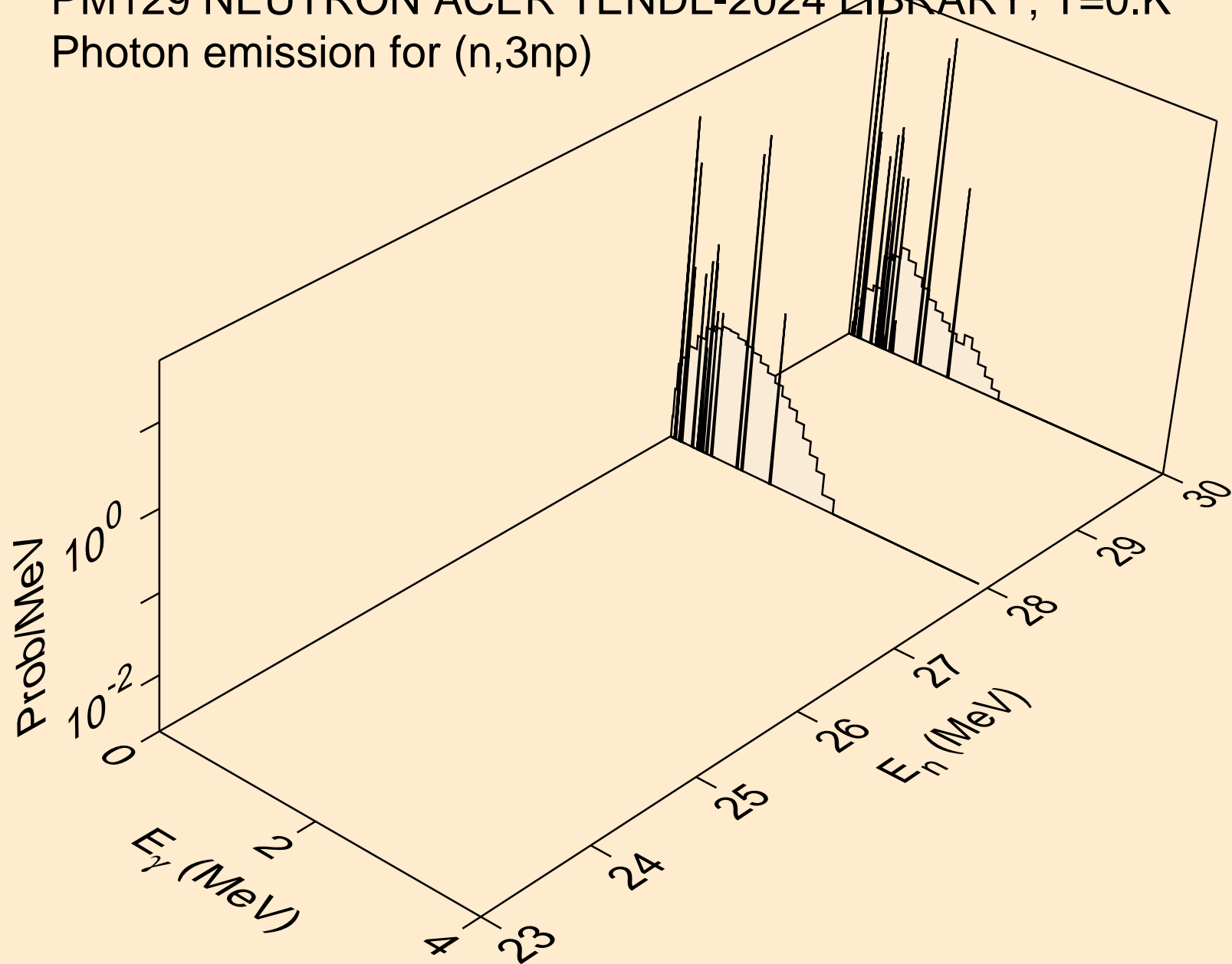
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



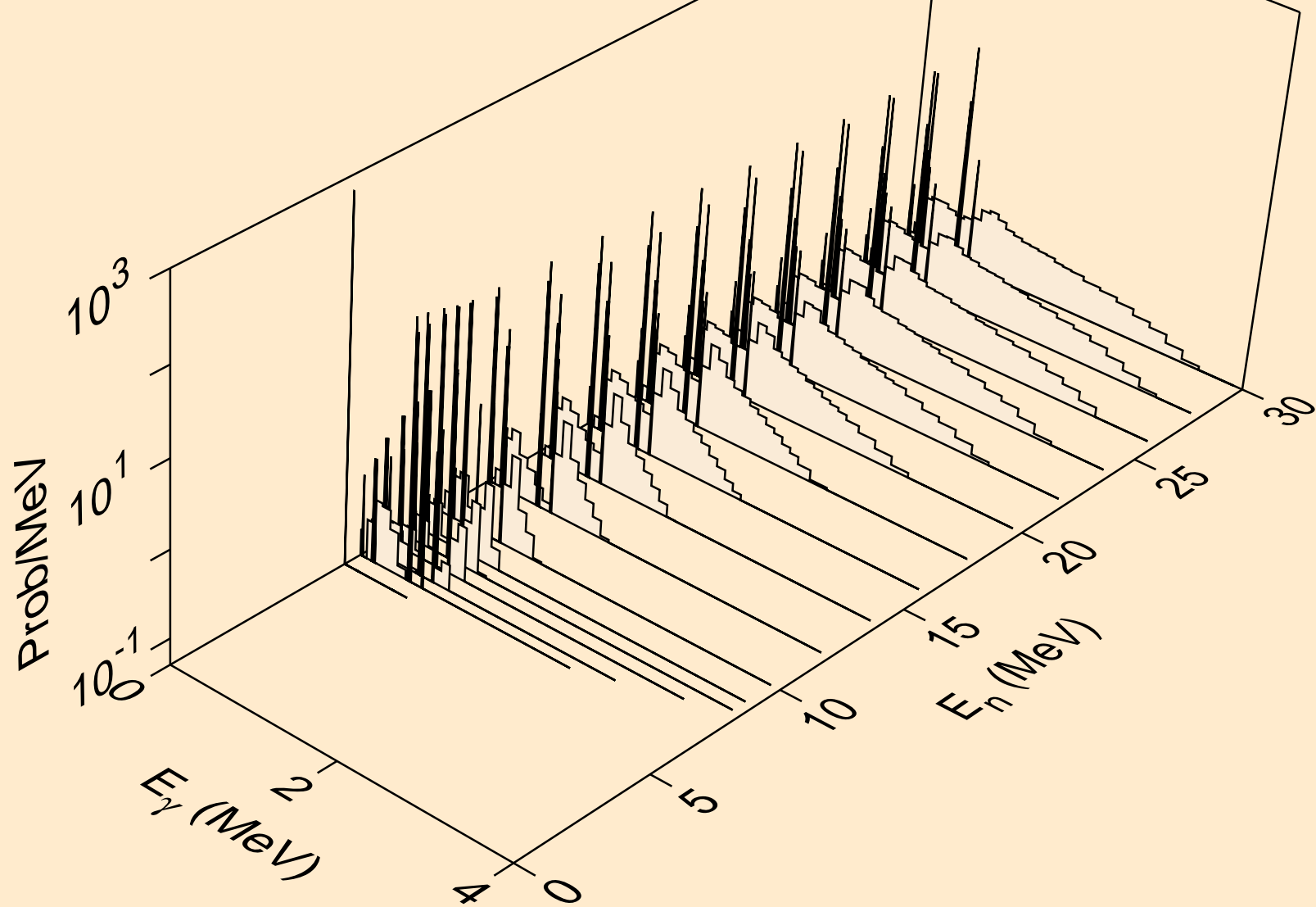
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



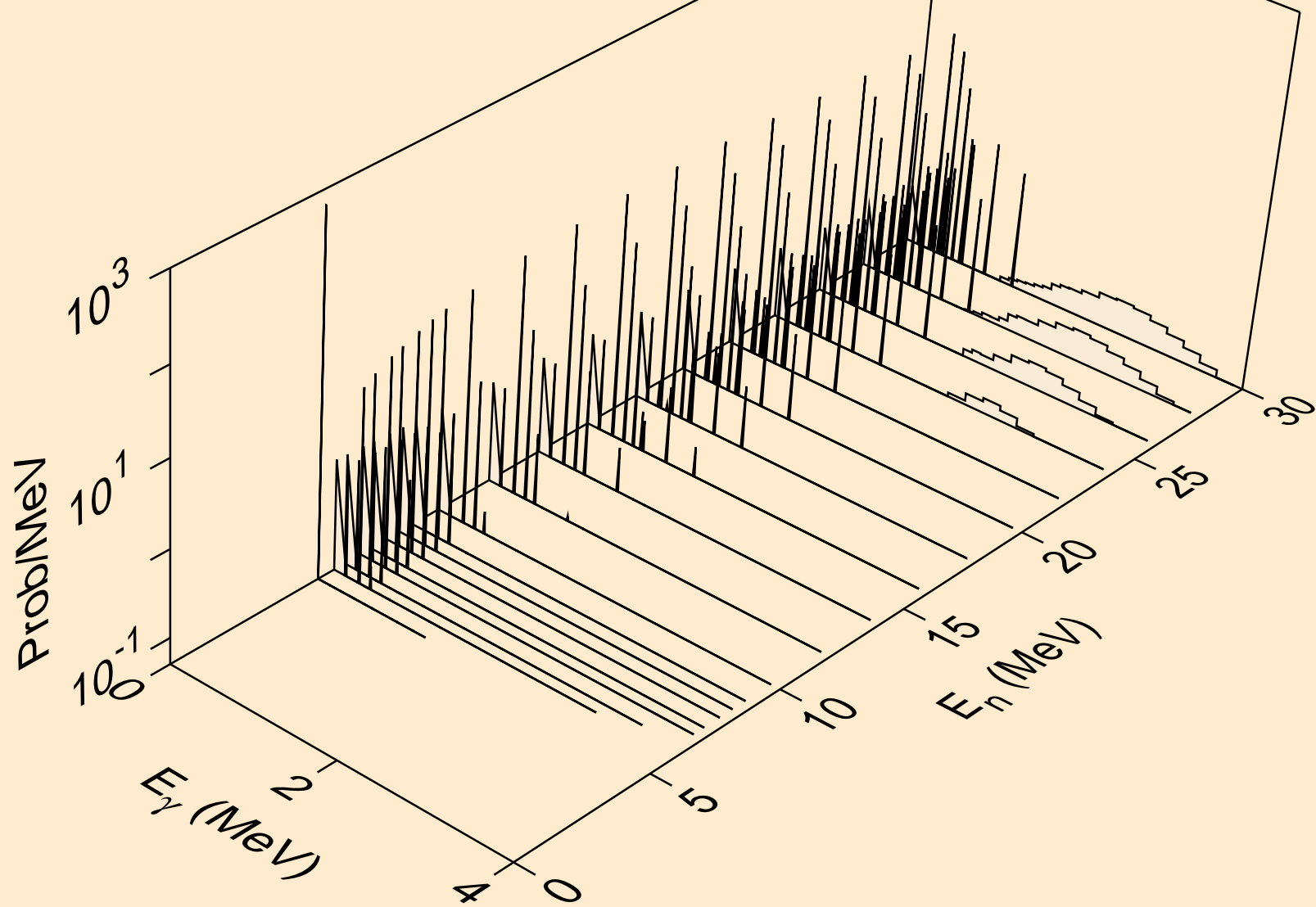
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



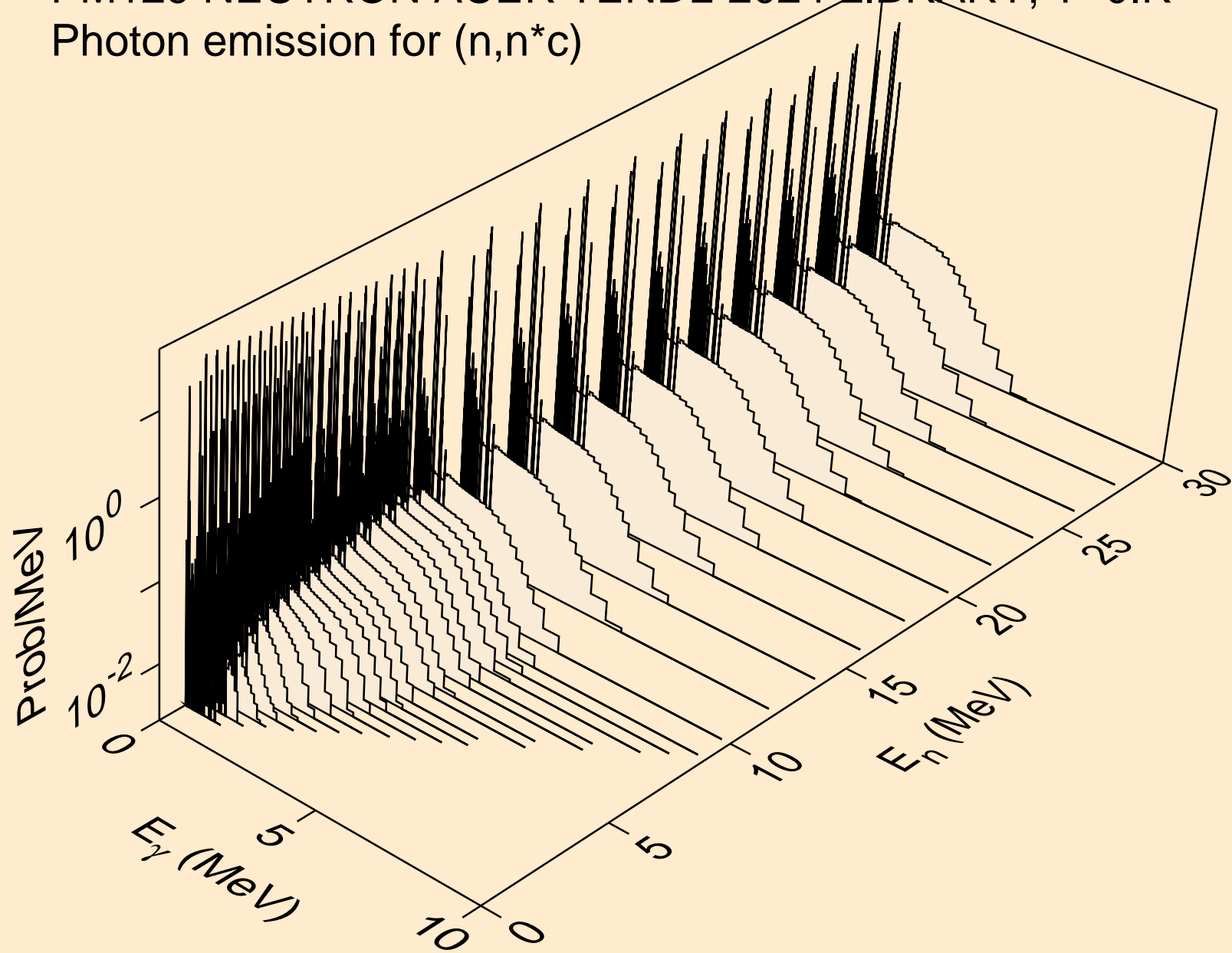
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



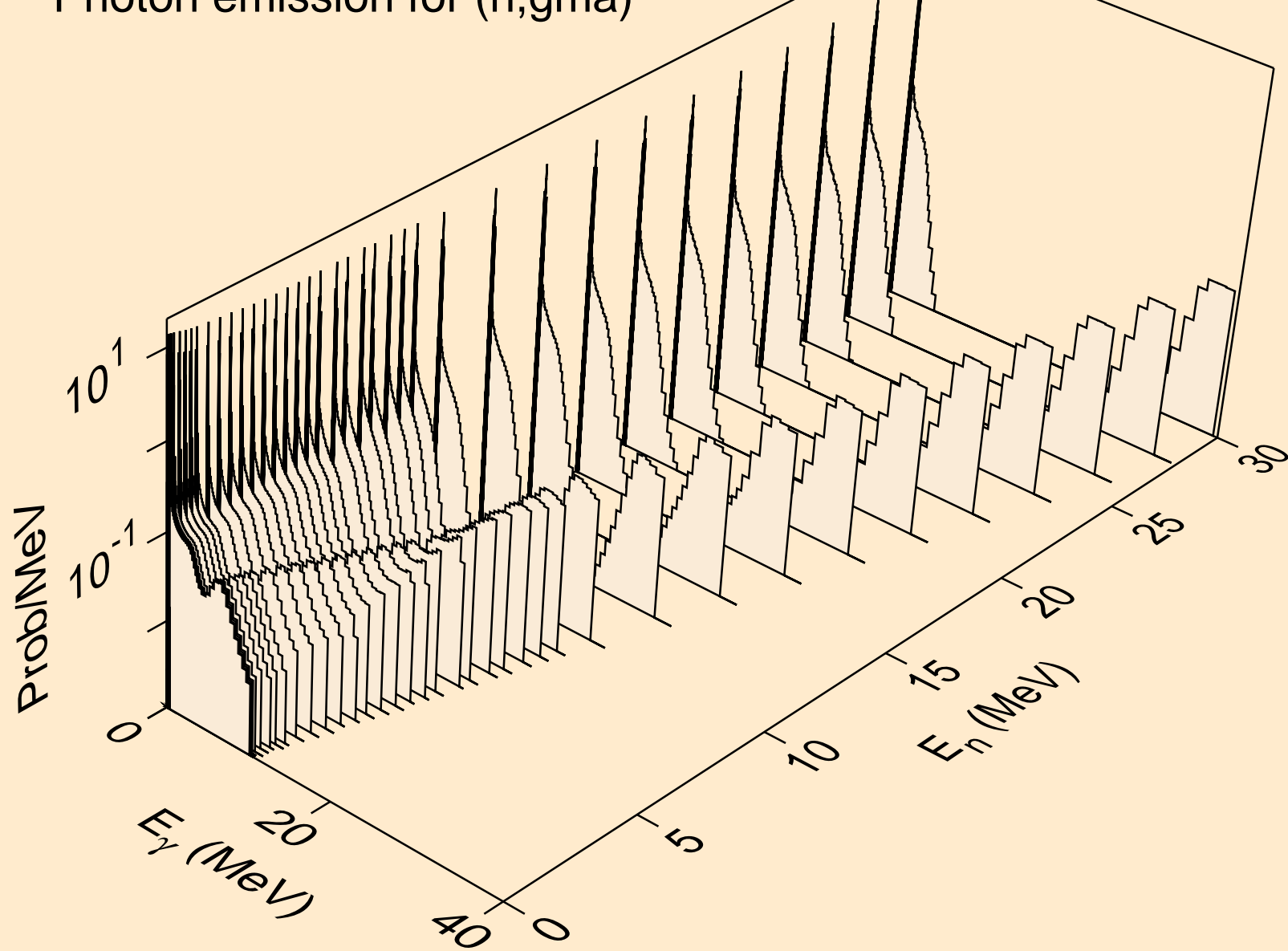
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



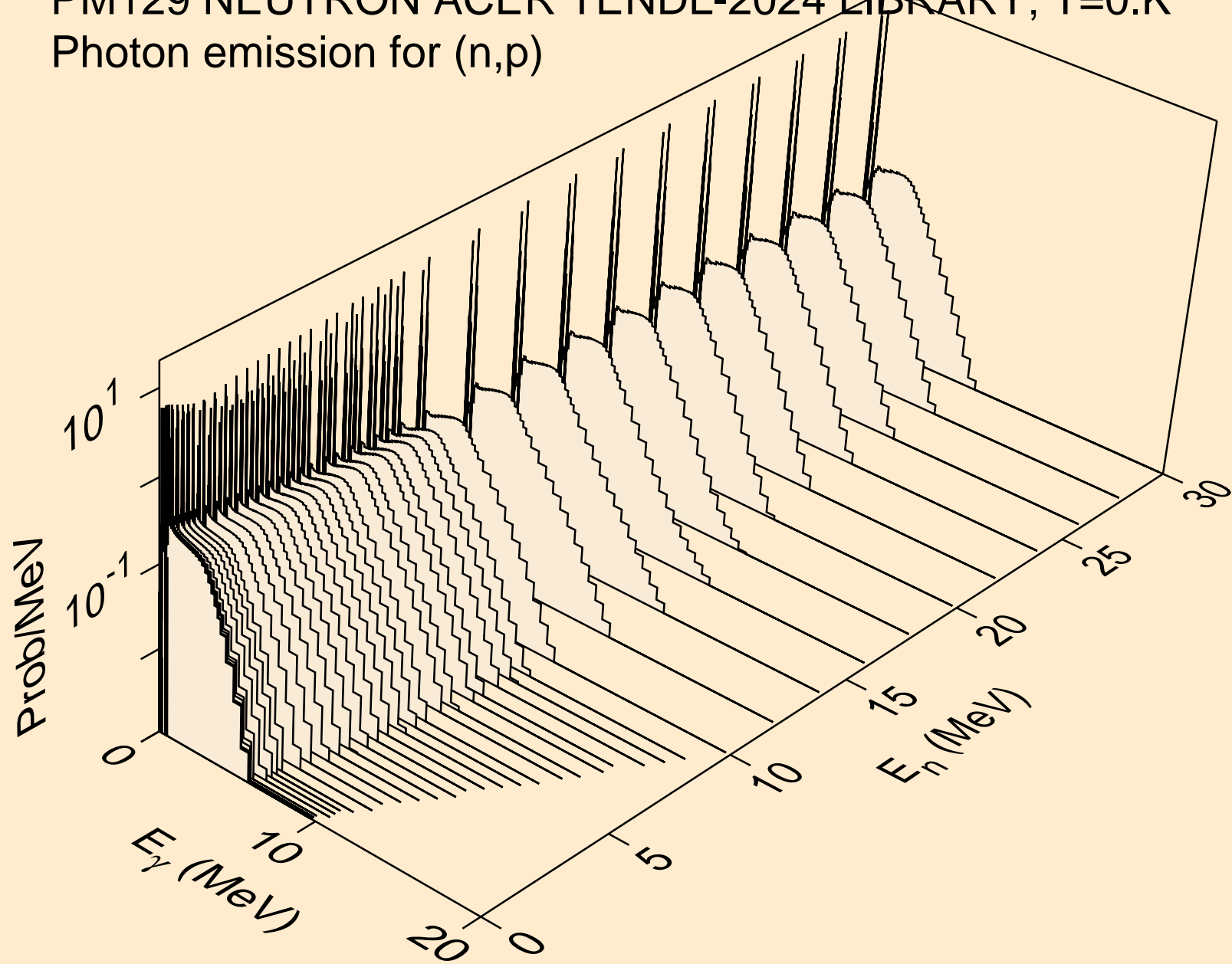
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

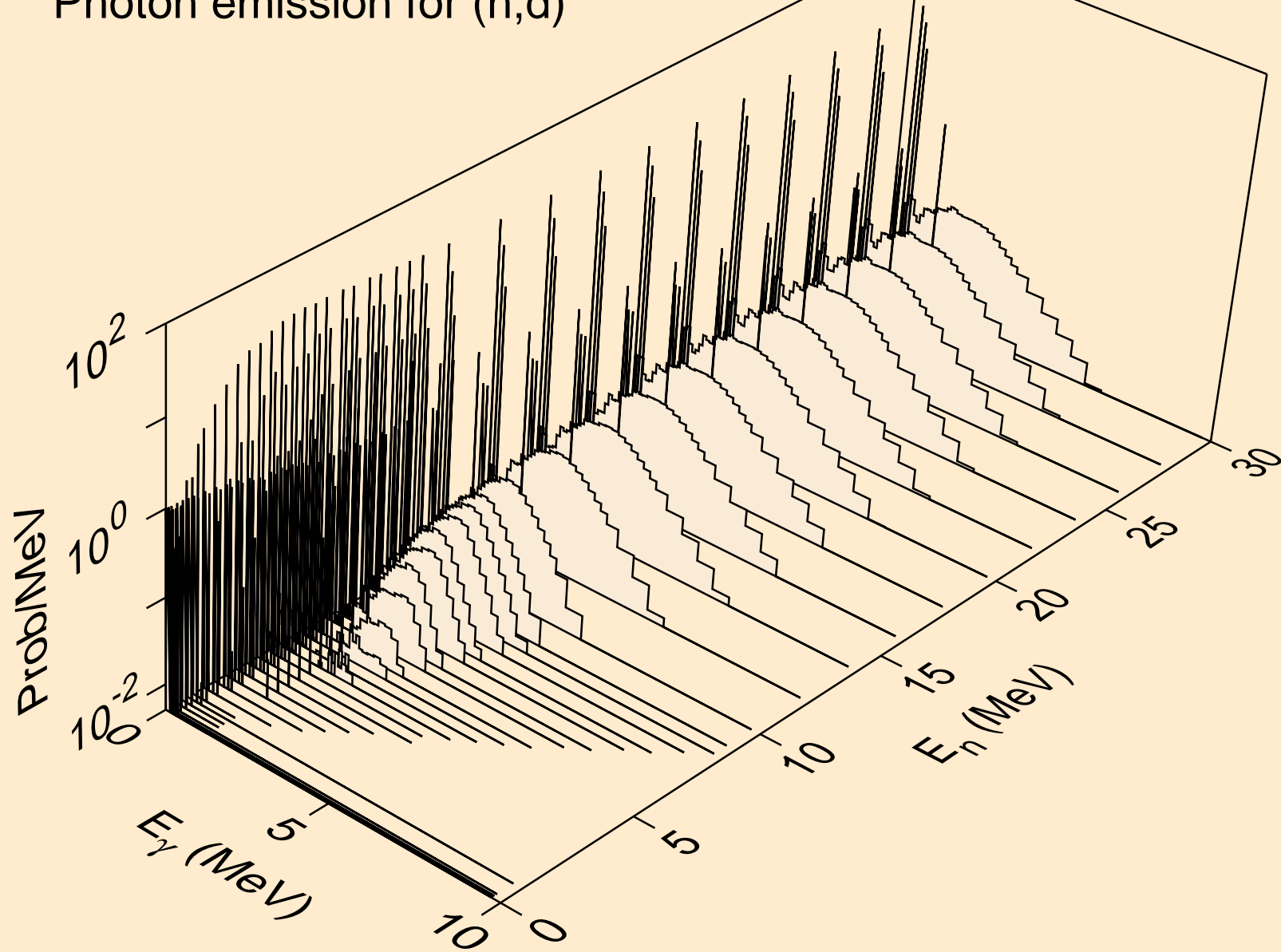


PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

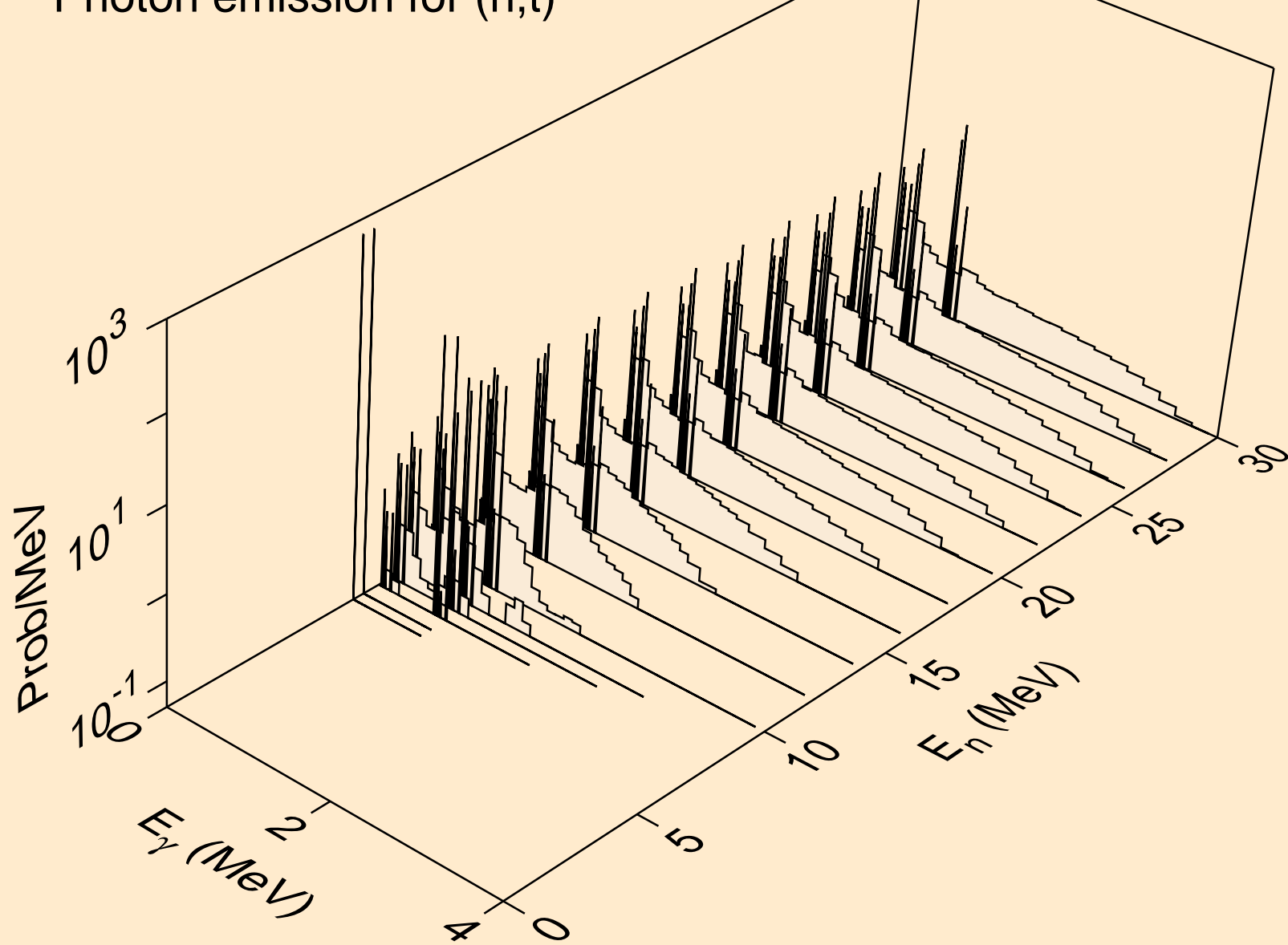




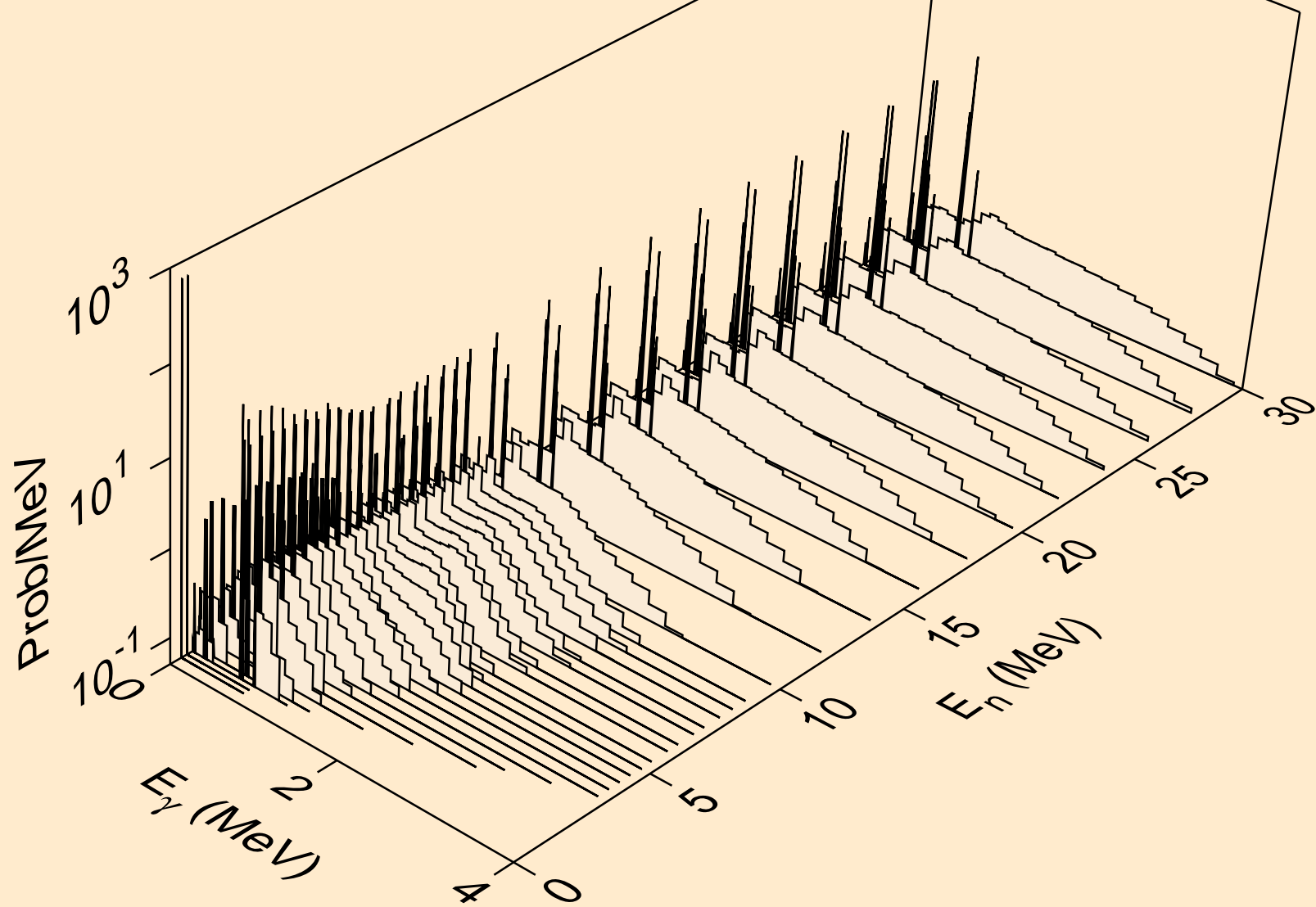
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



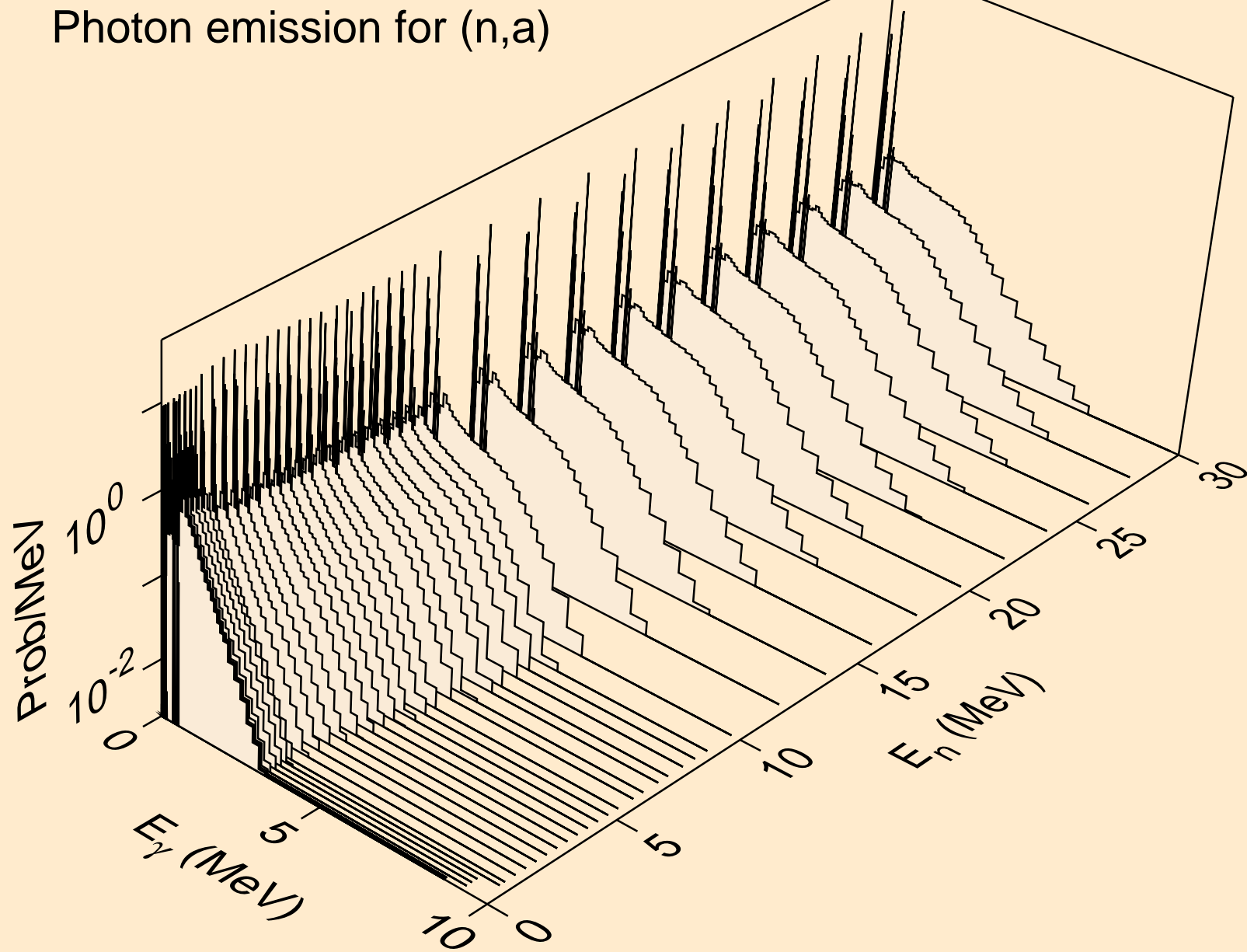
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



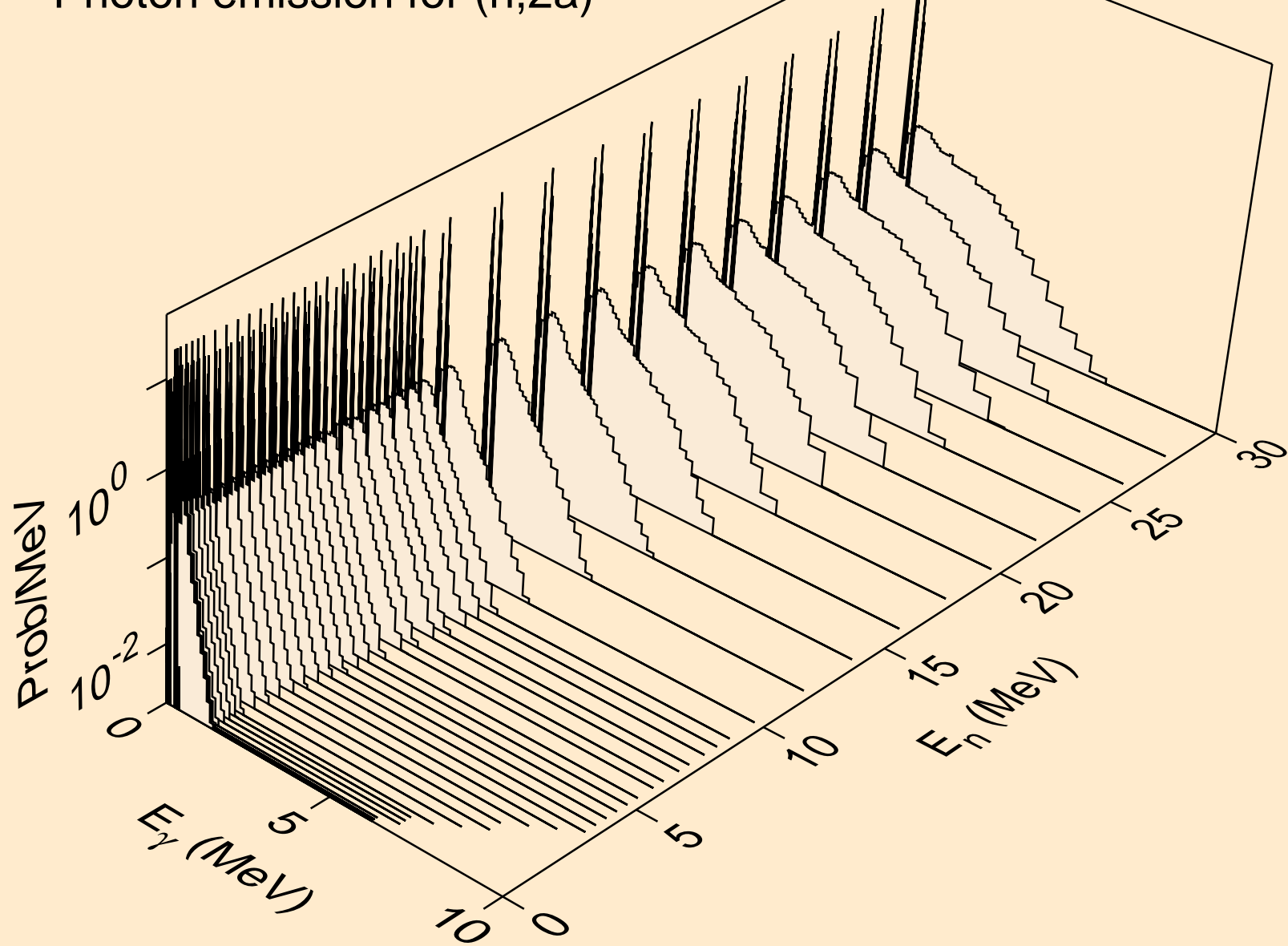
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



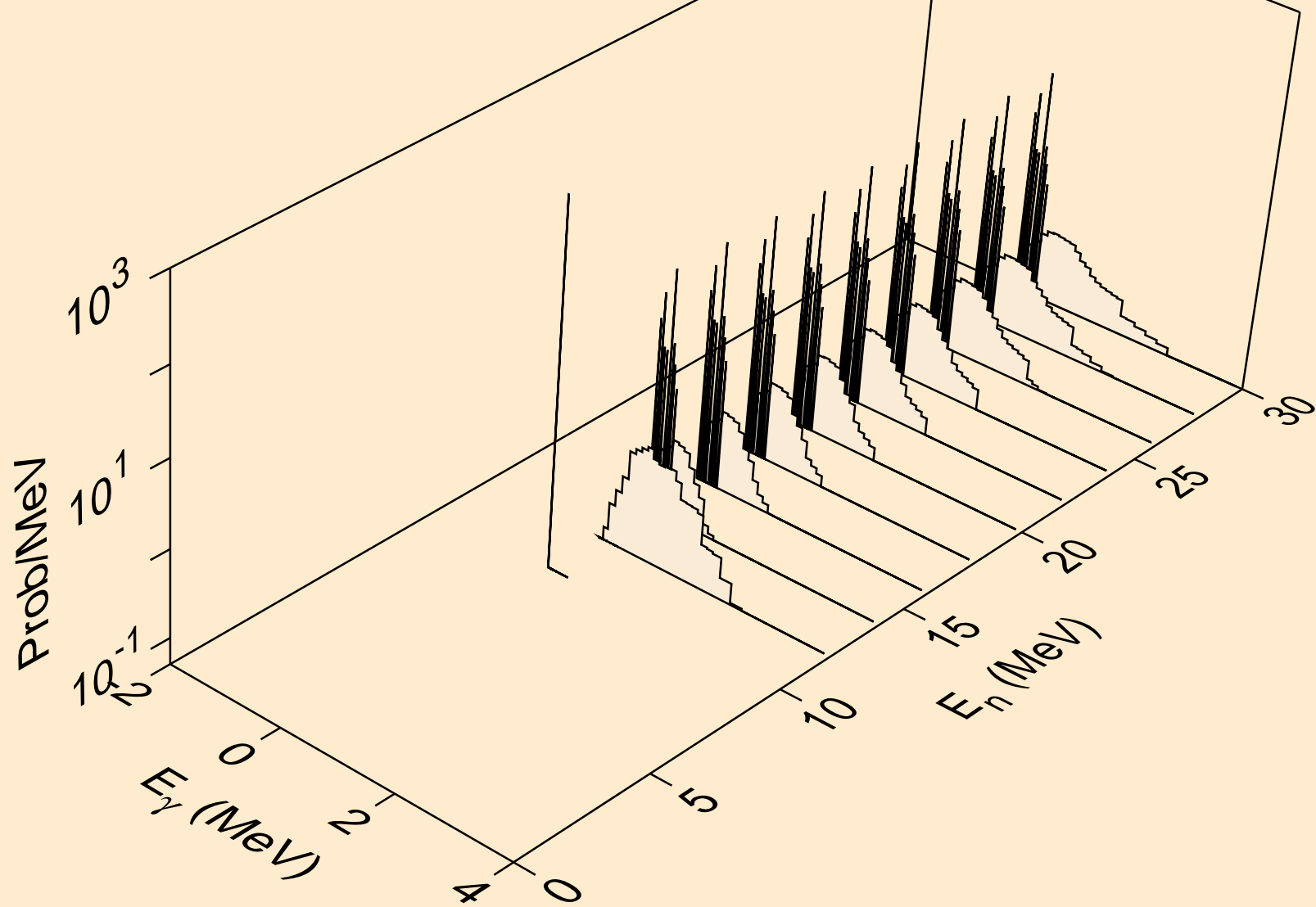
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



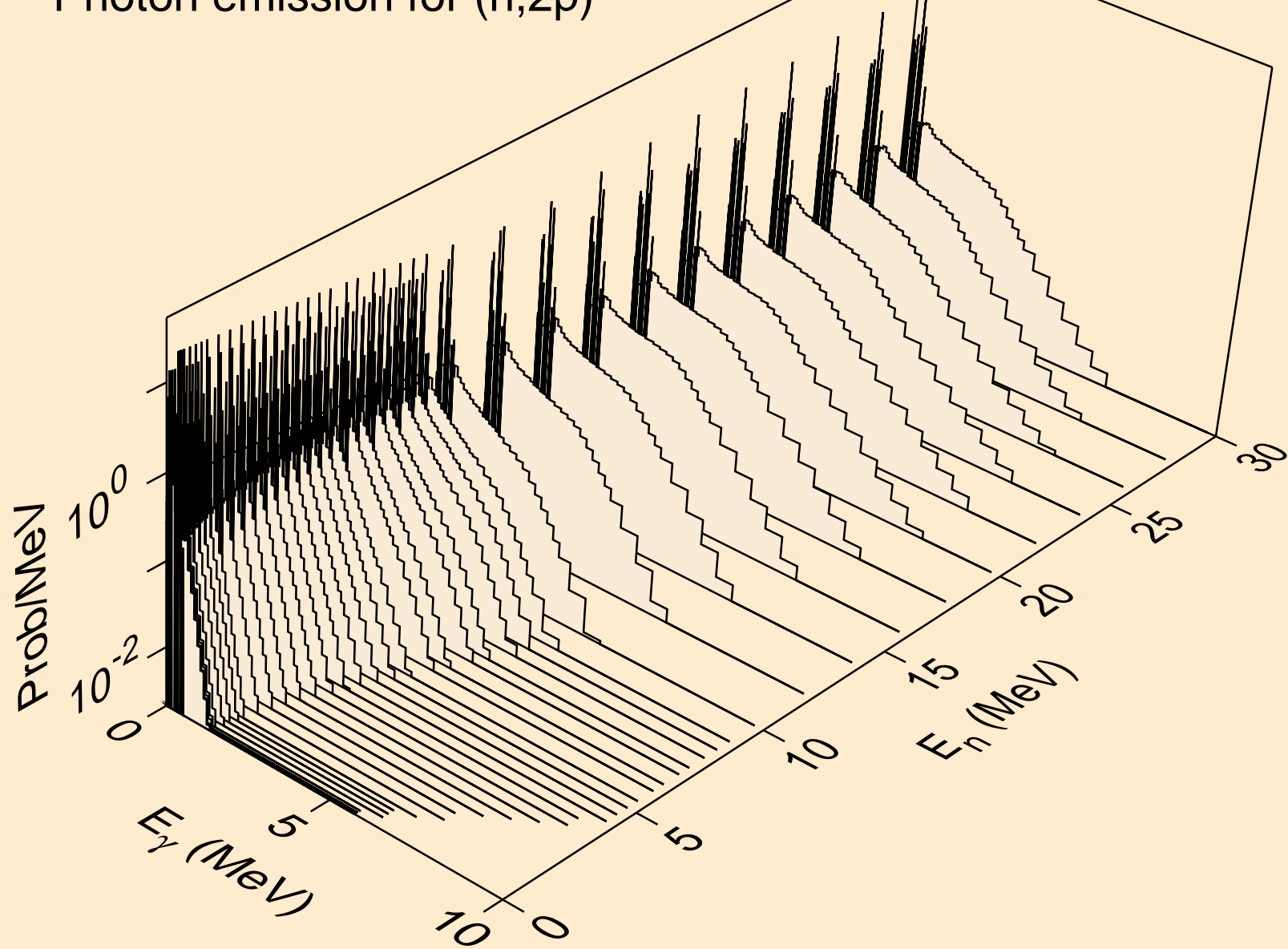
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



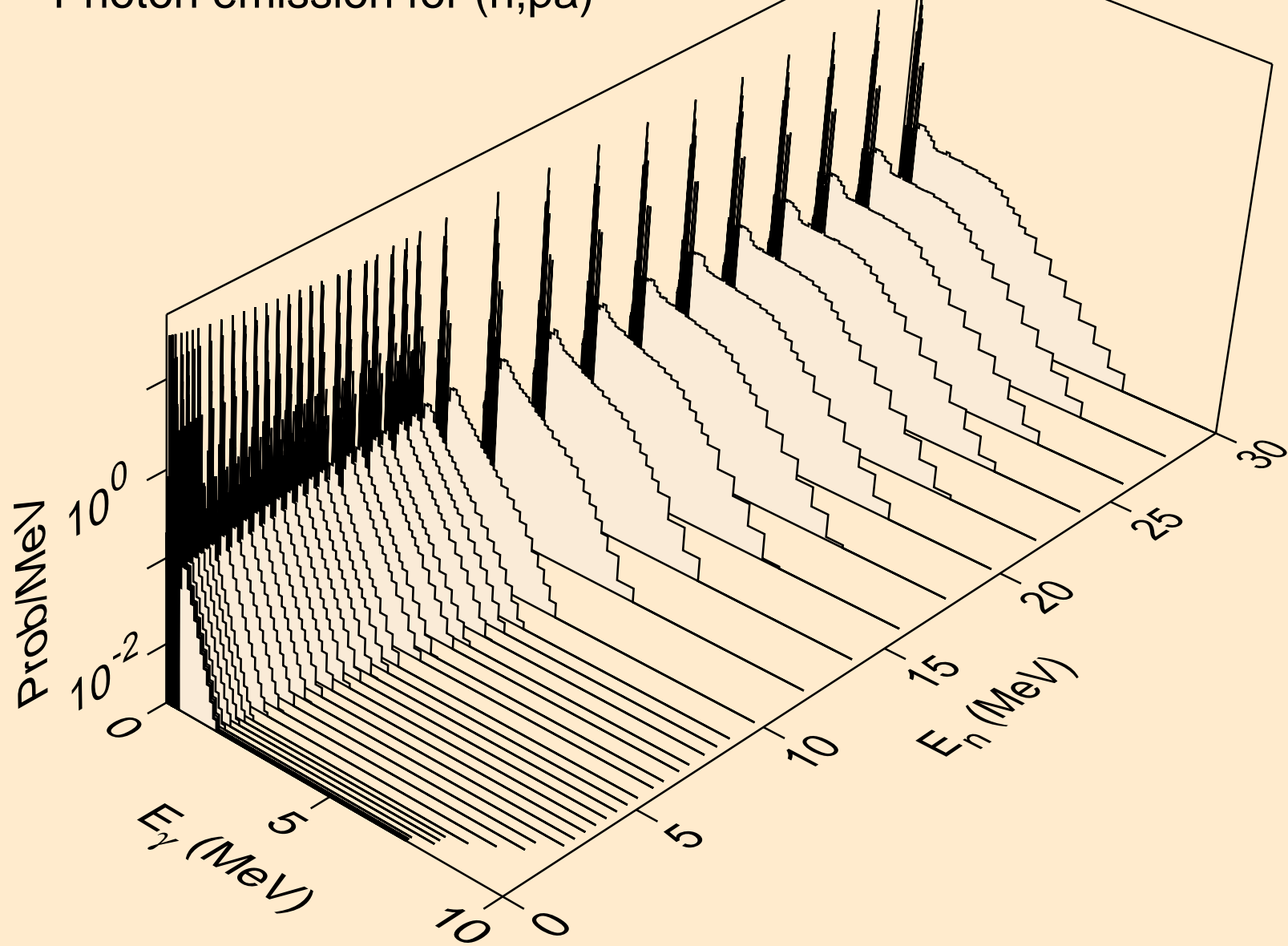
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

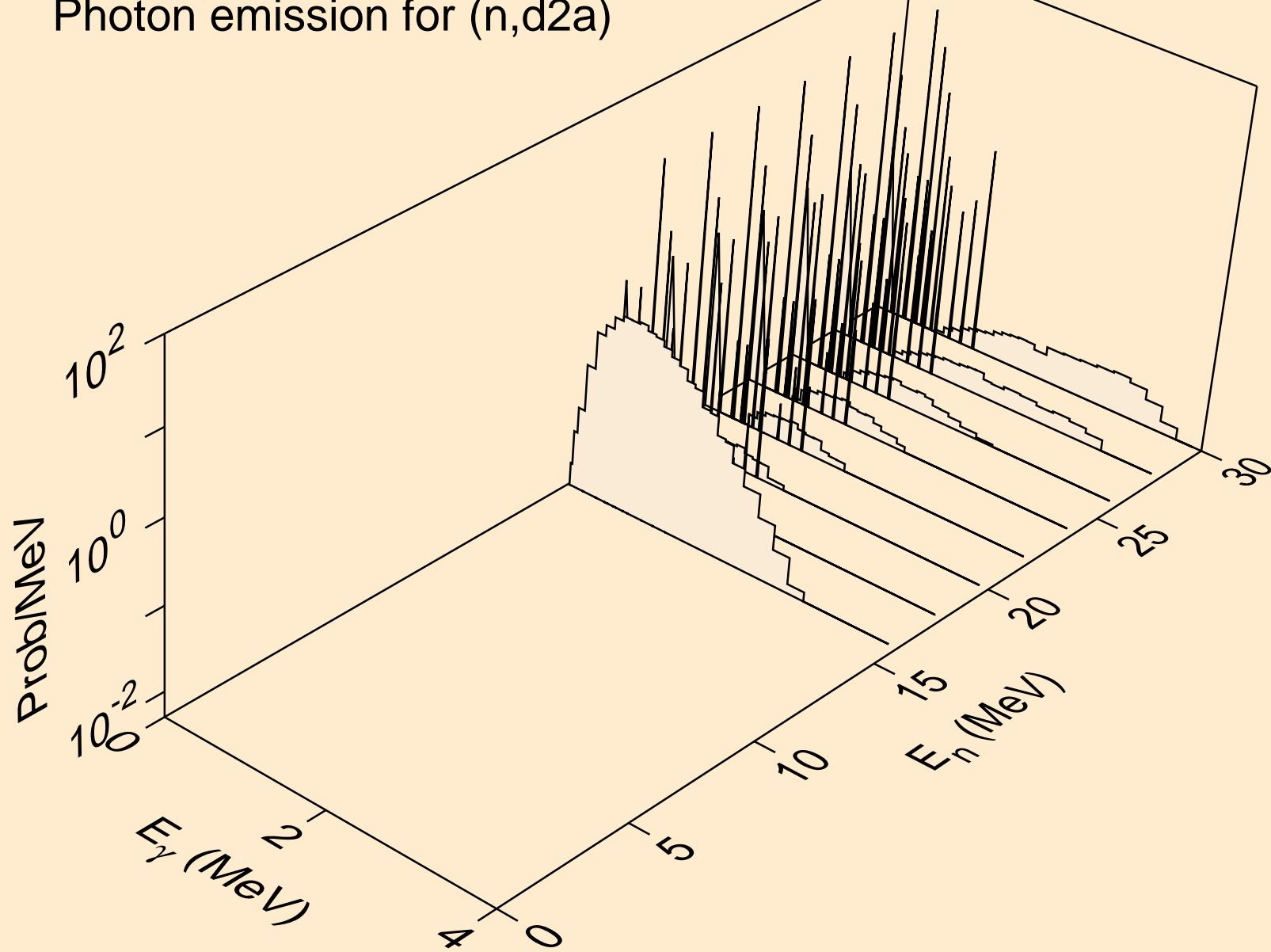


PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

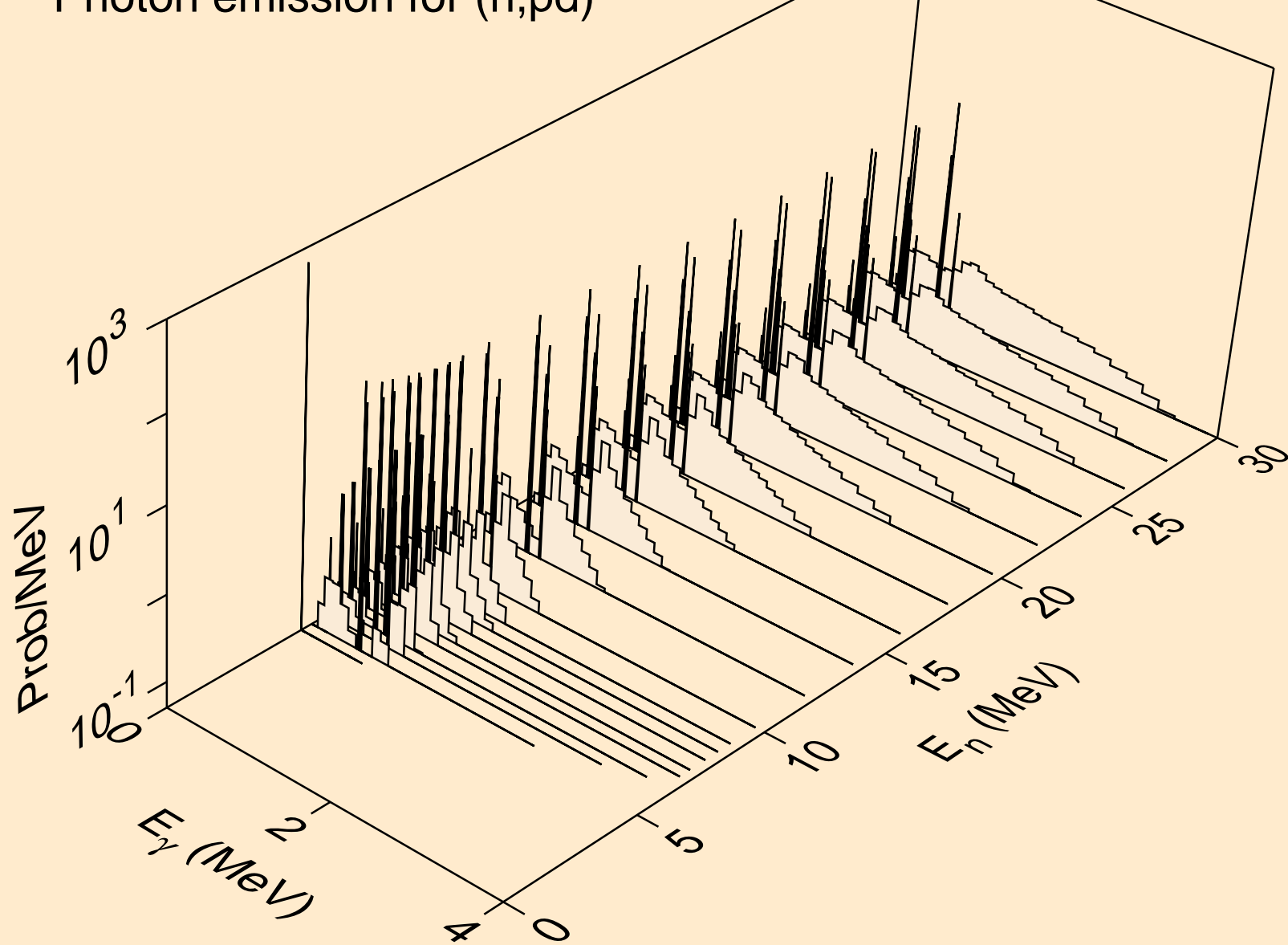




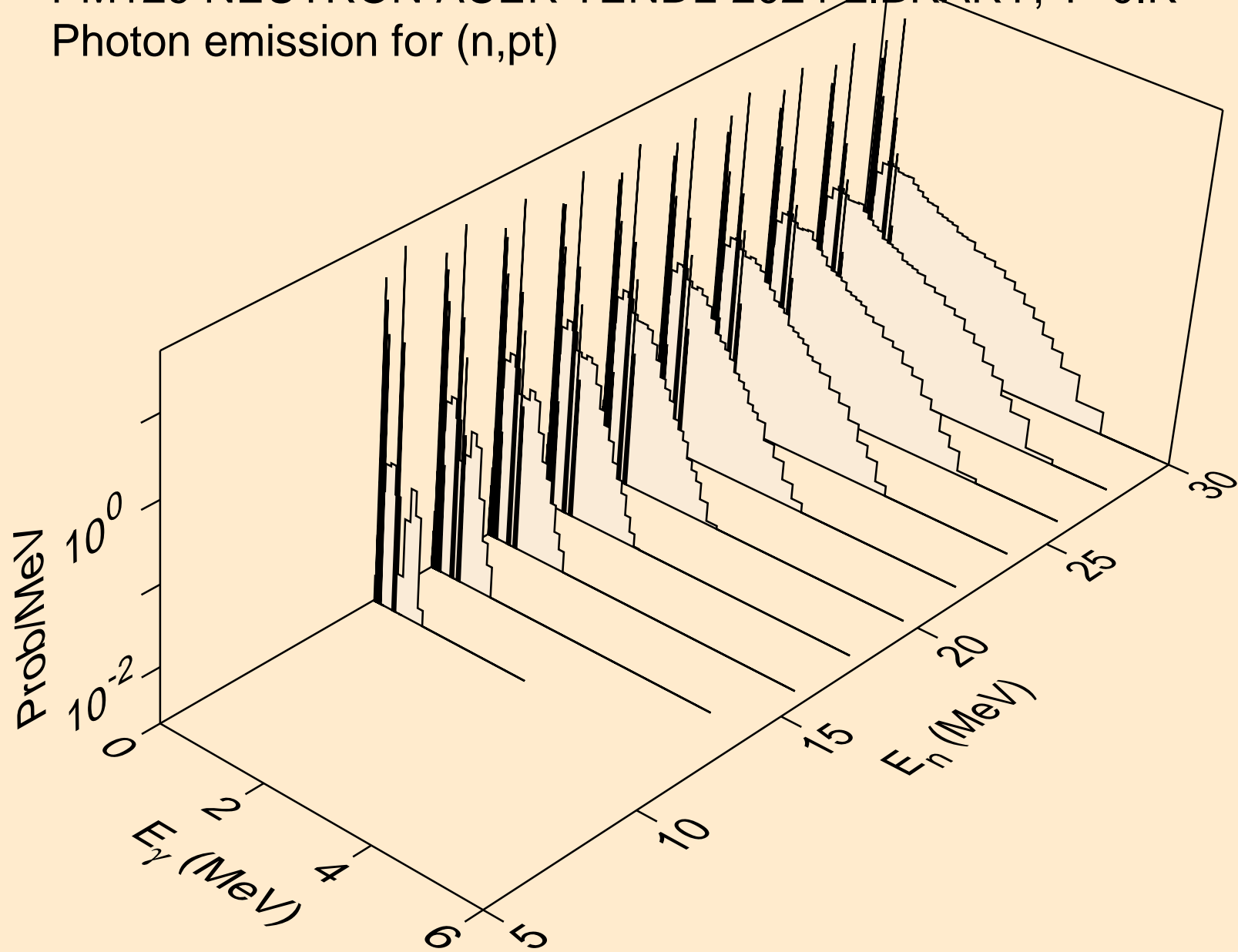
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d2a)



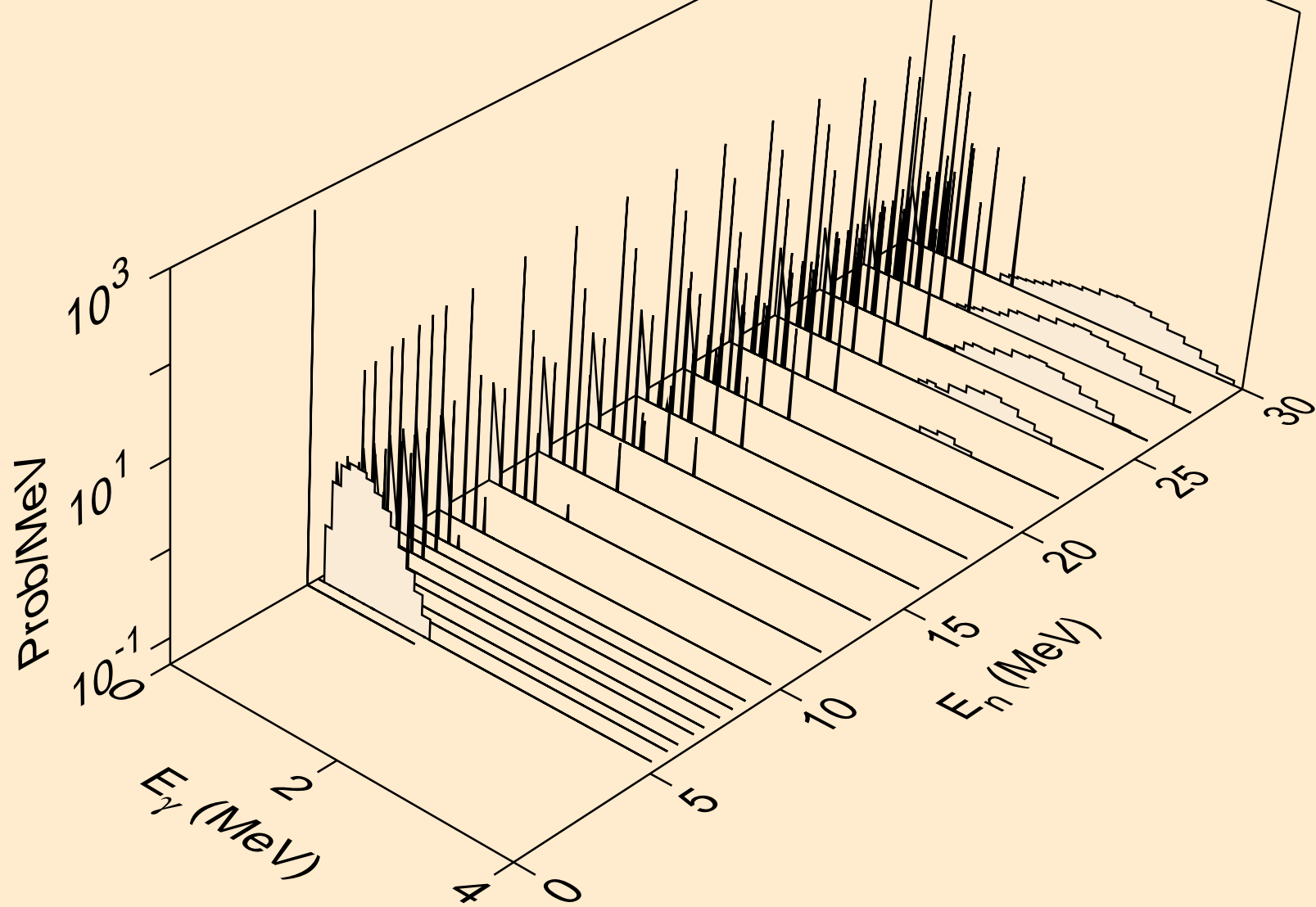
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



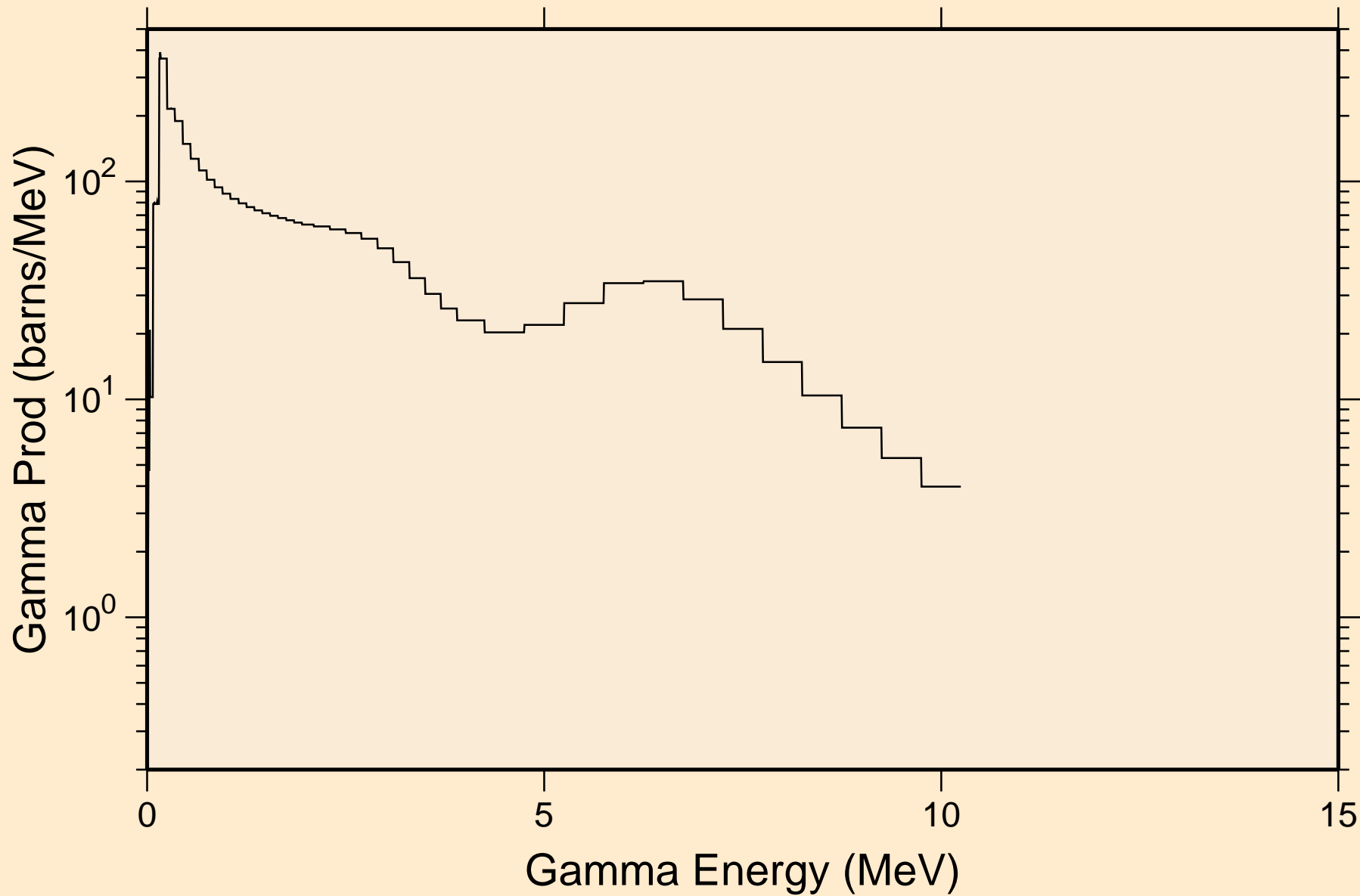
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



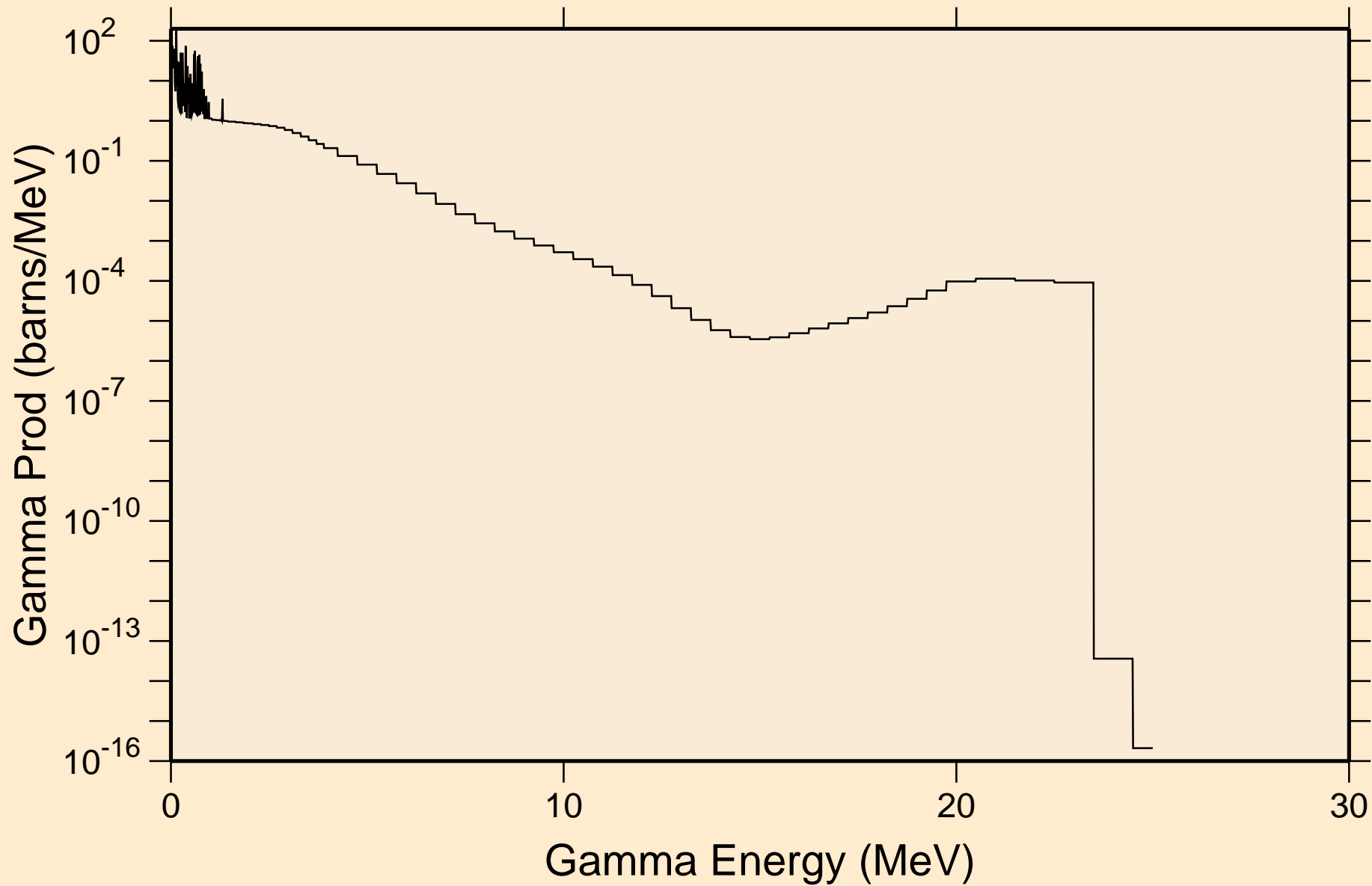
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



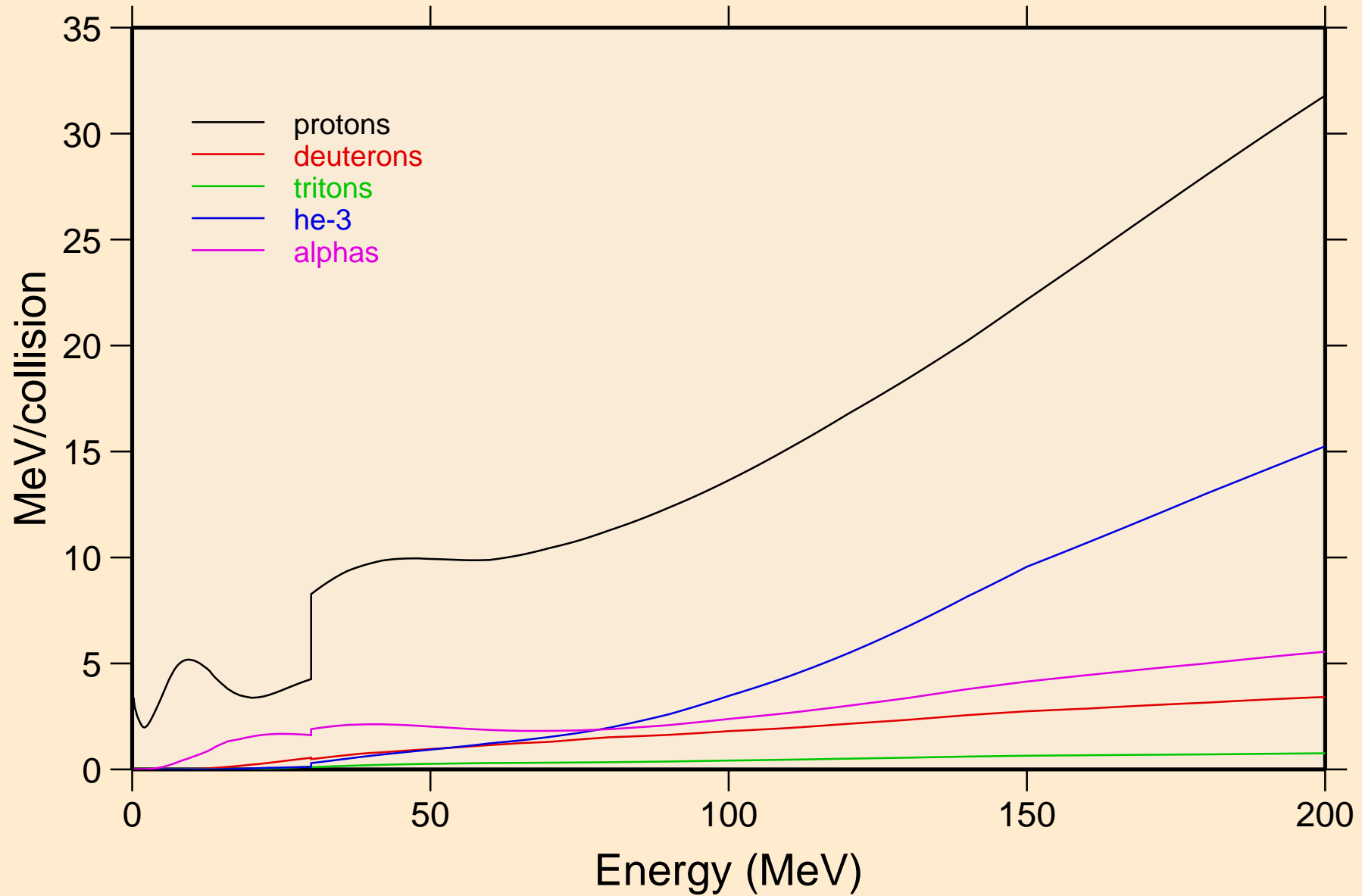
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



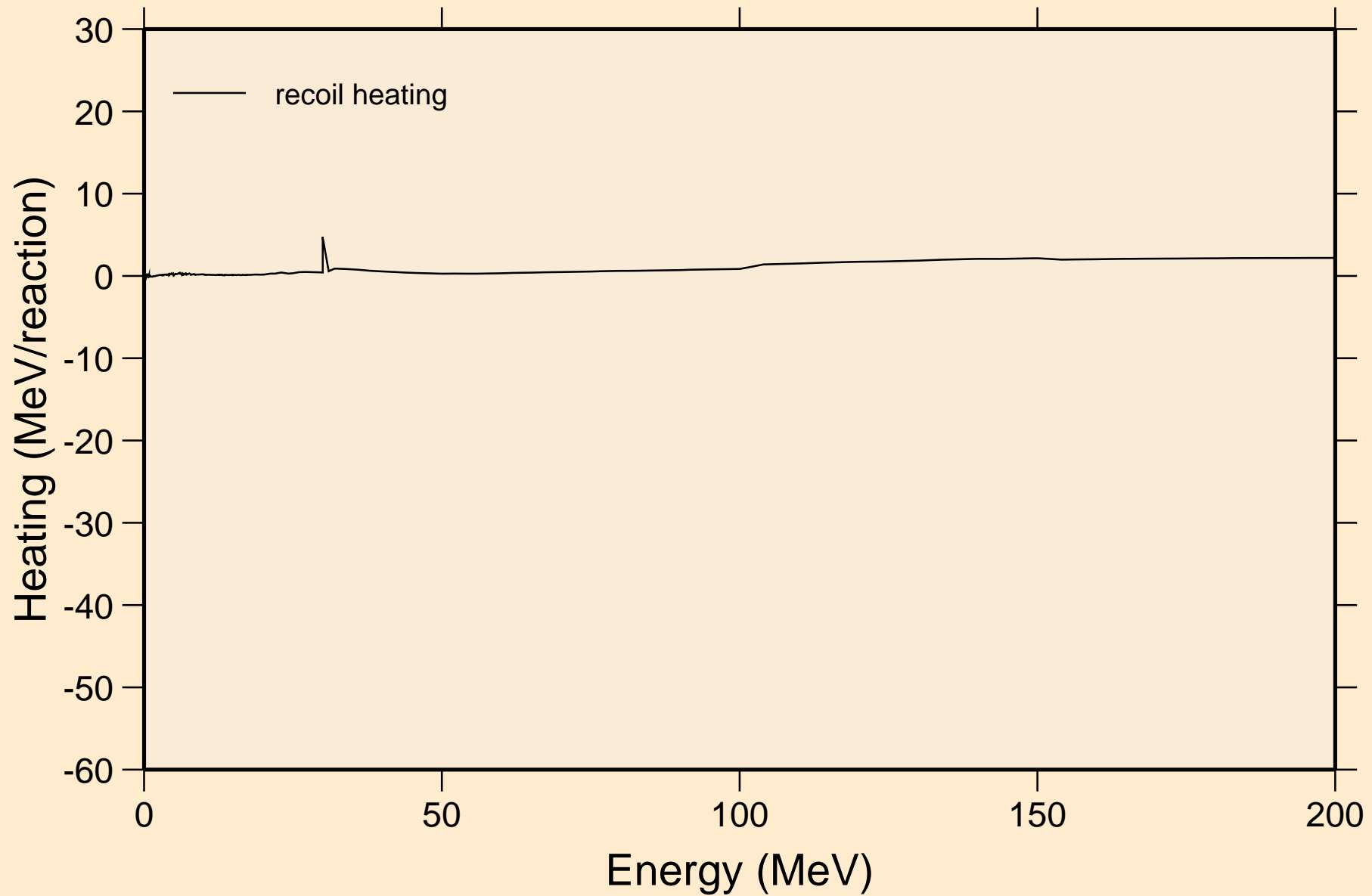
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions

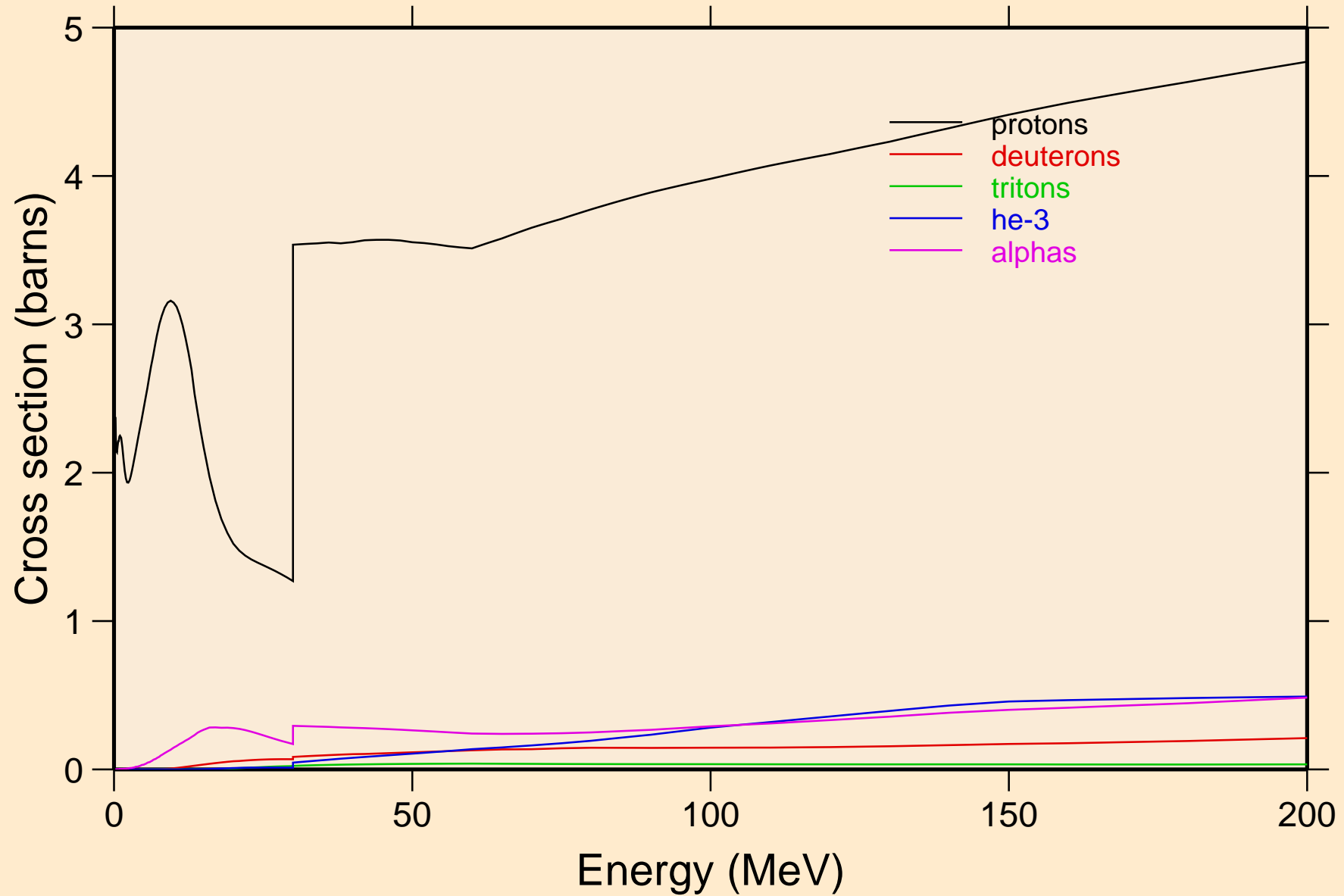


PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

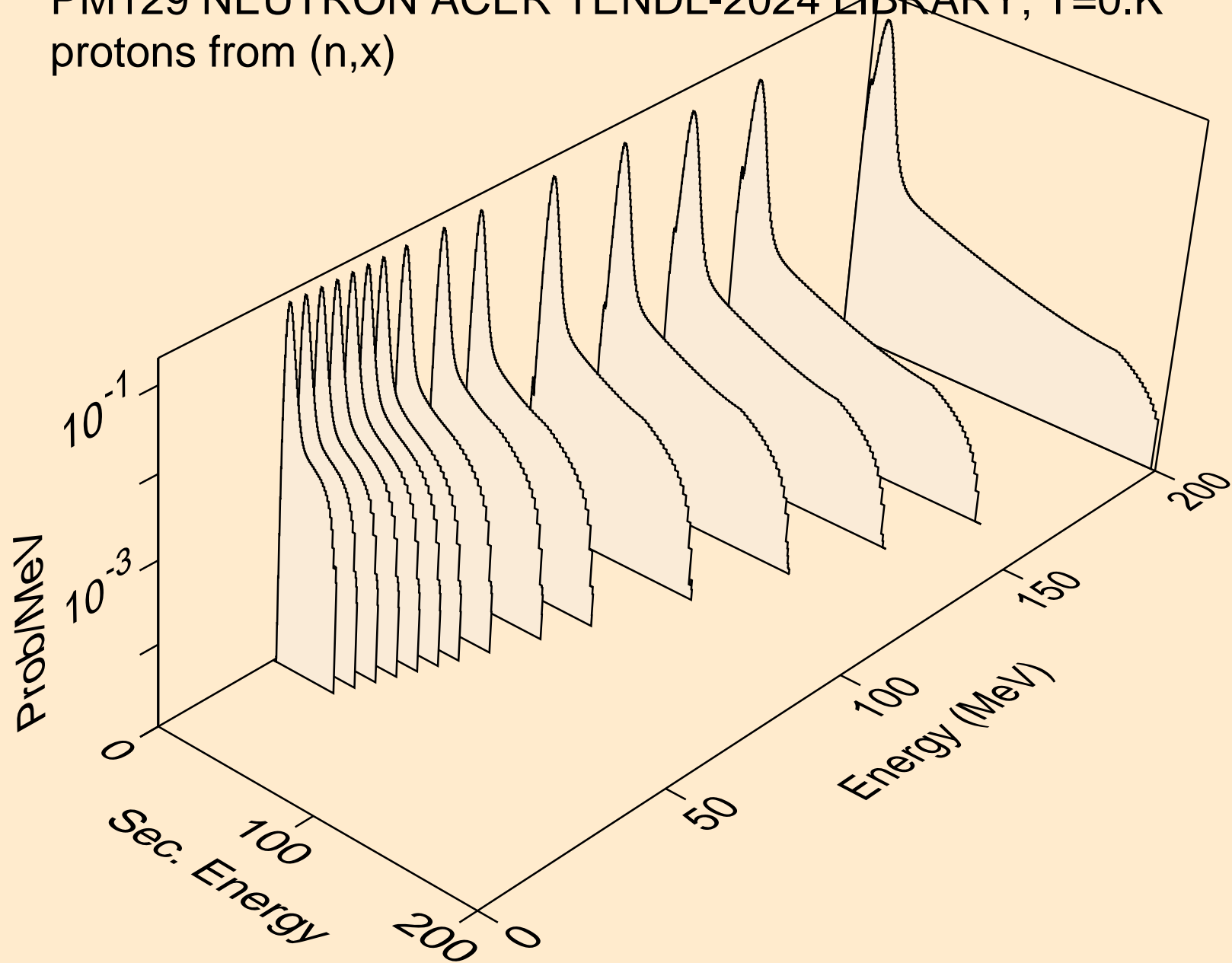




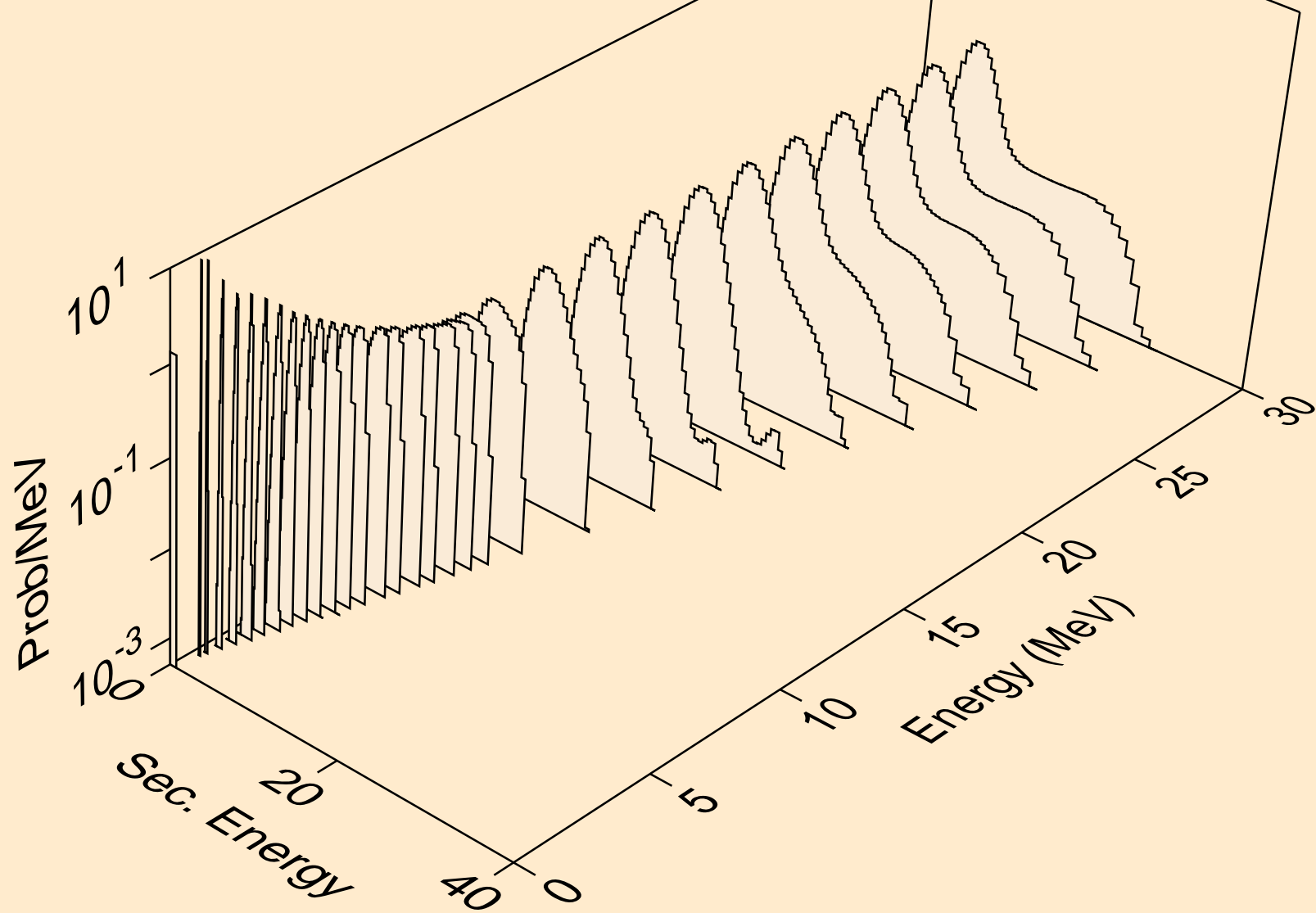
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



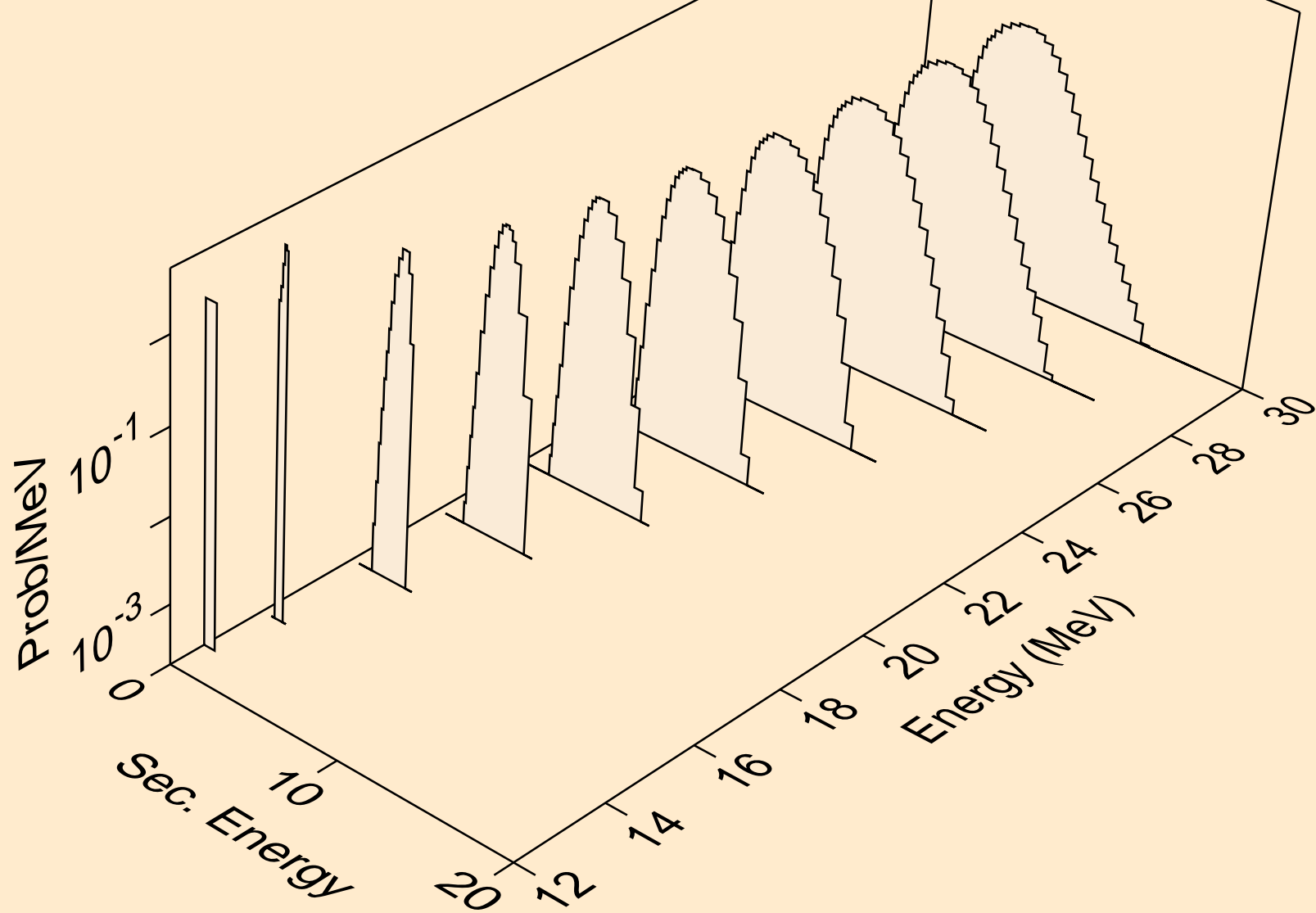
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



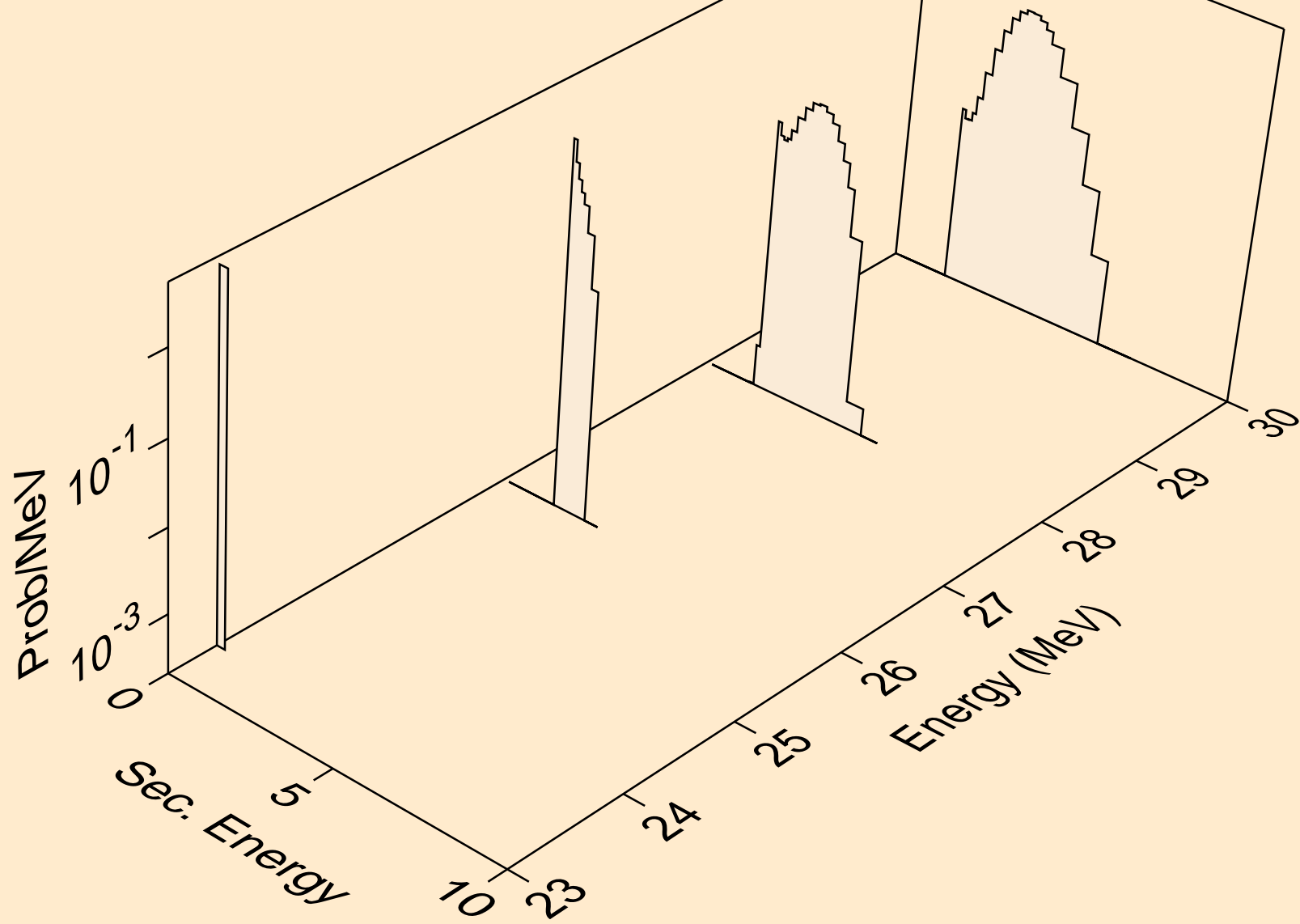
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



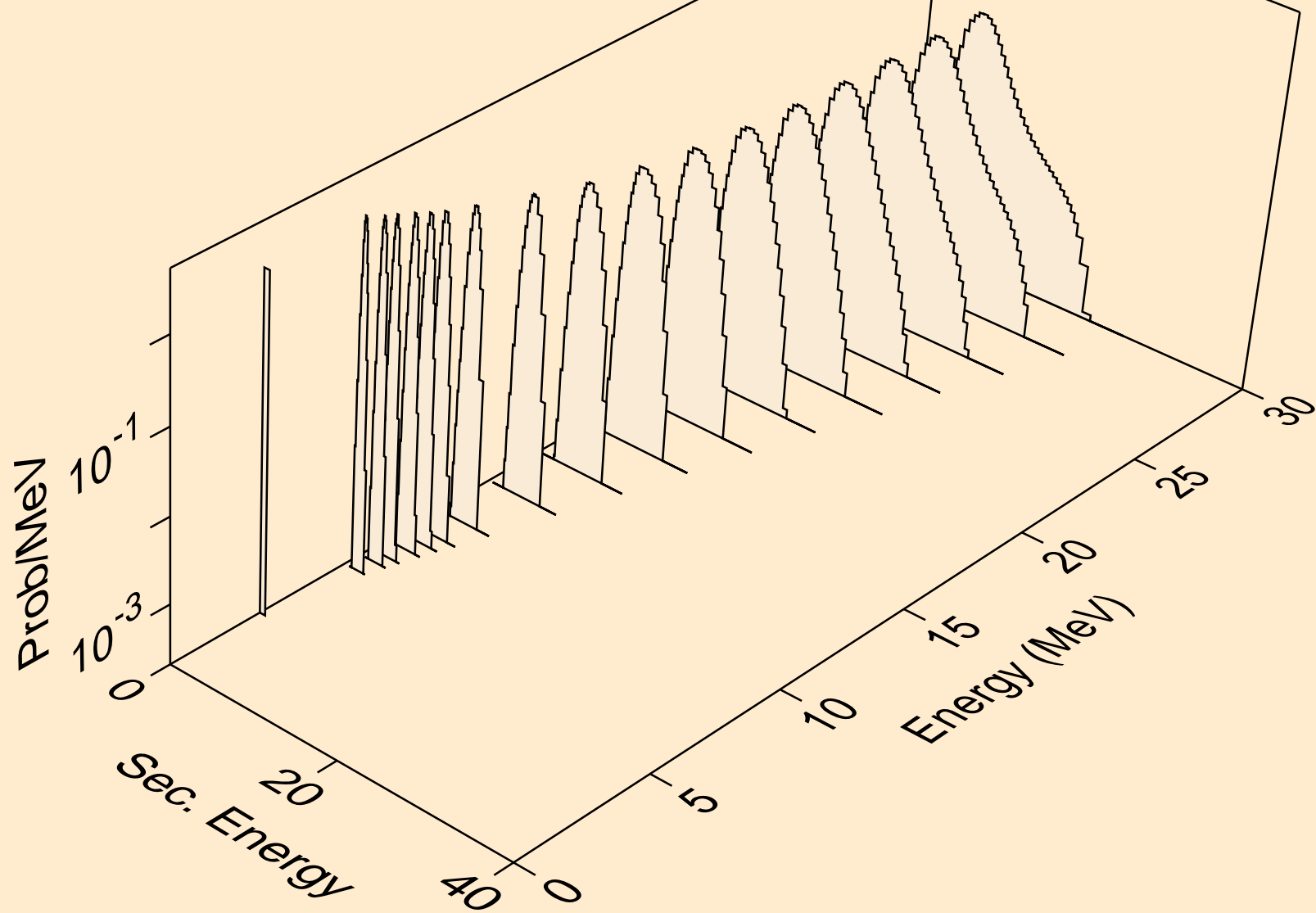
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



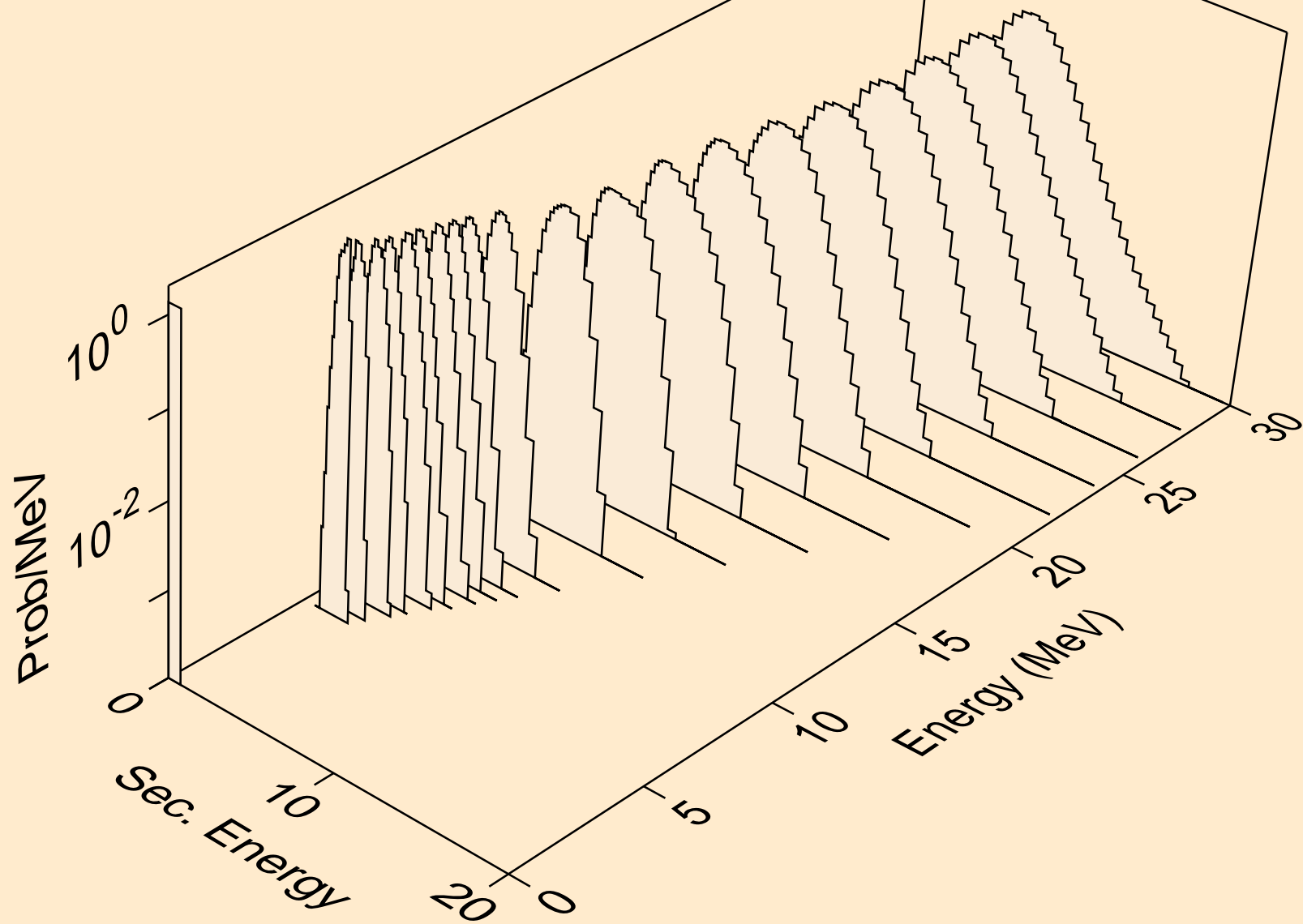
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protons from (n,3np)



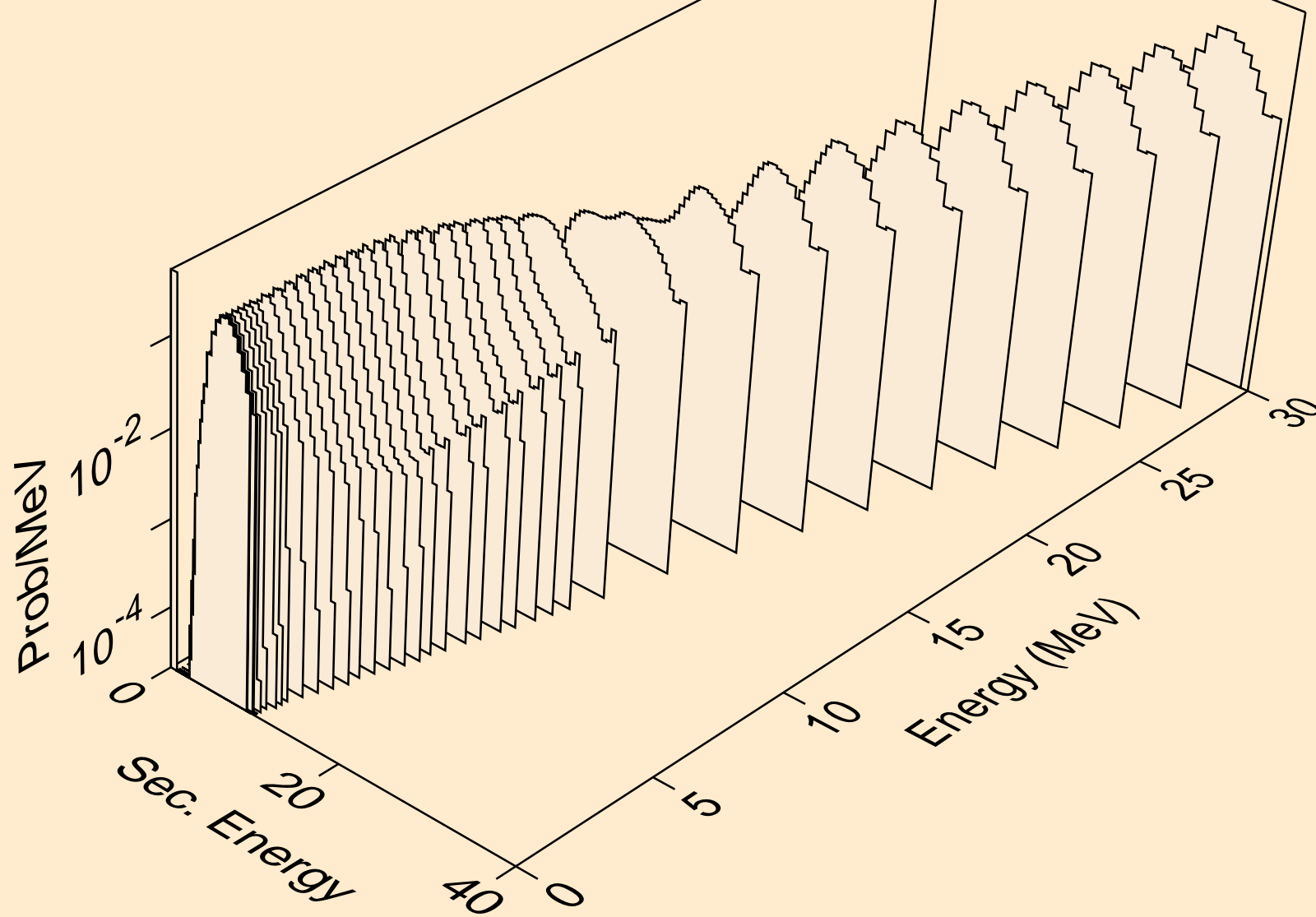
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)

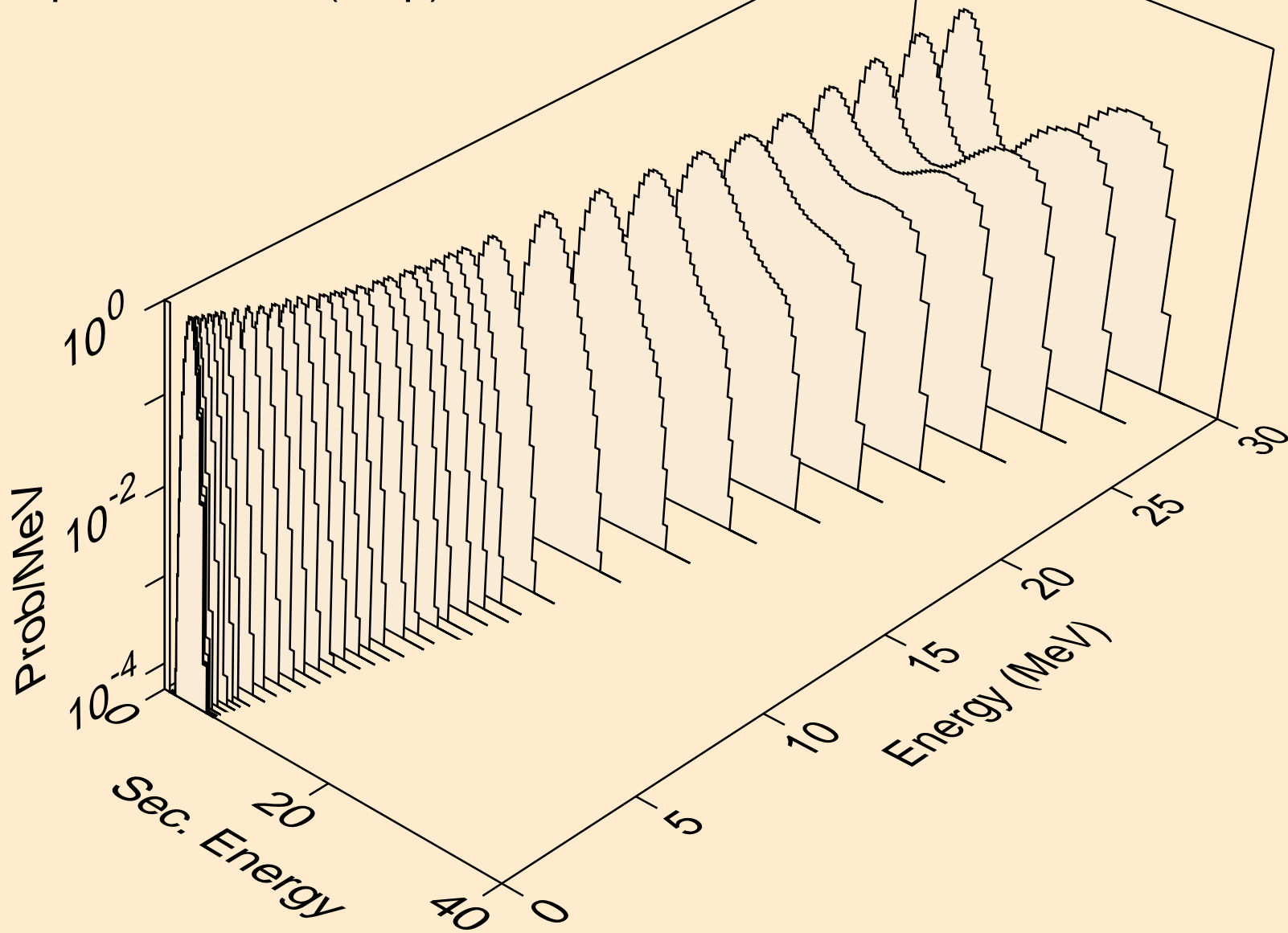


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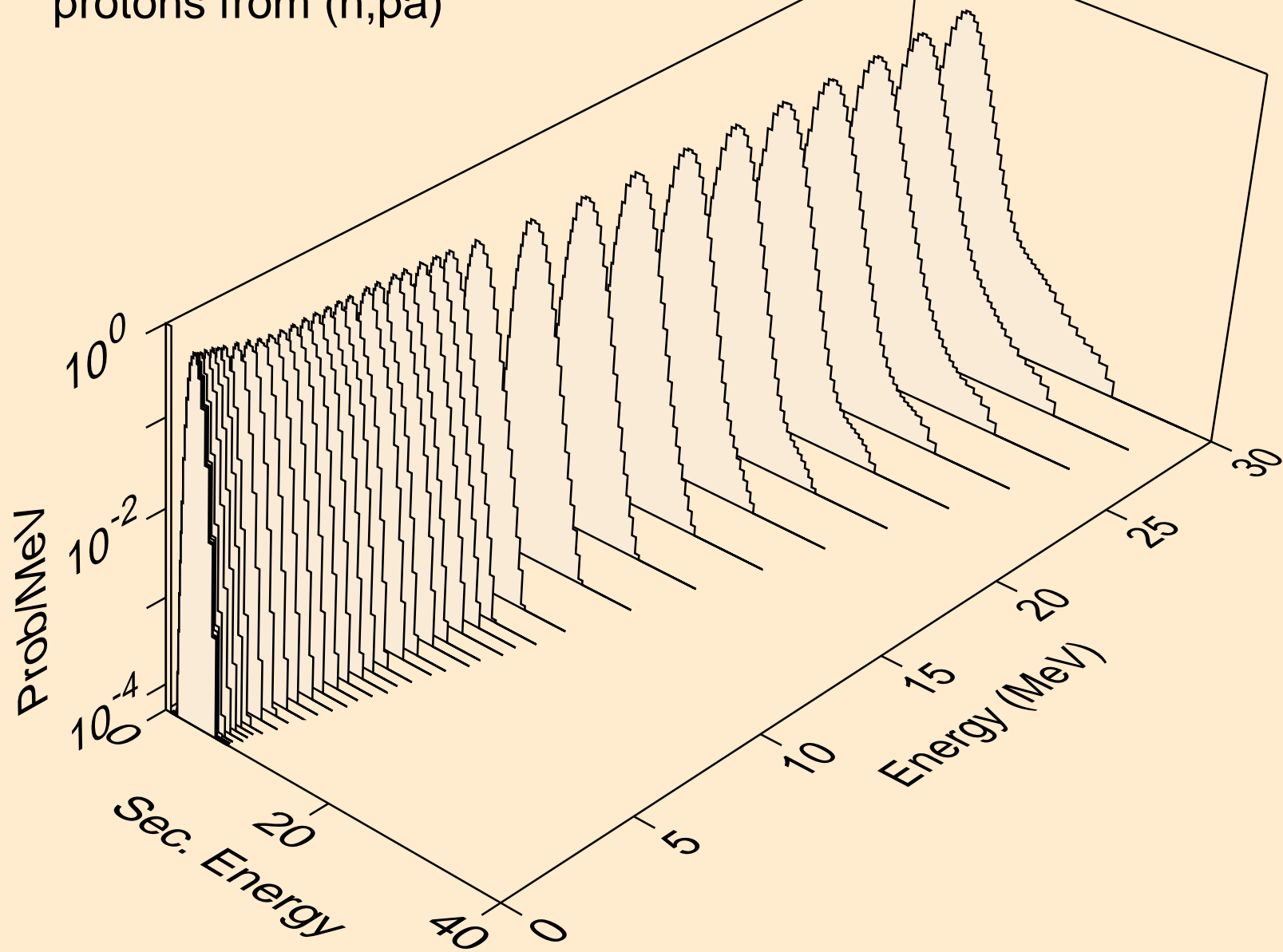




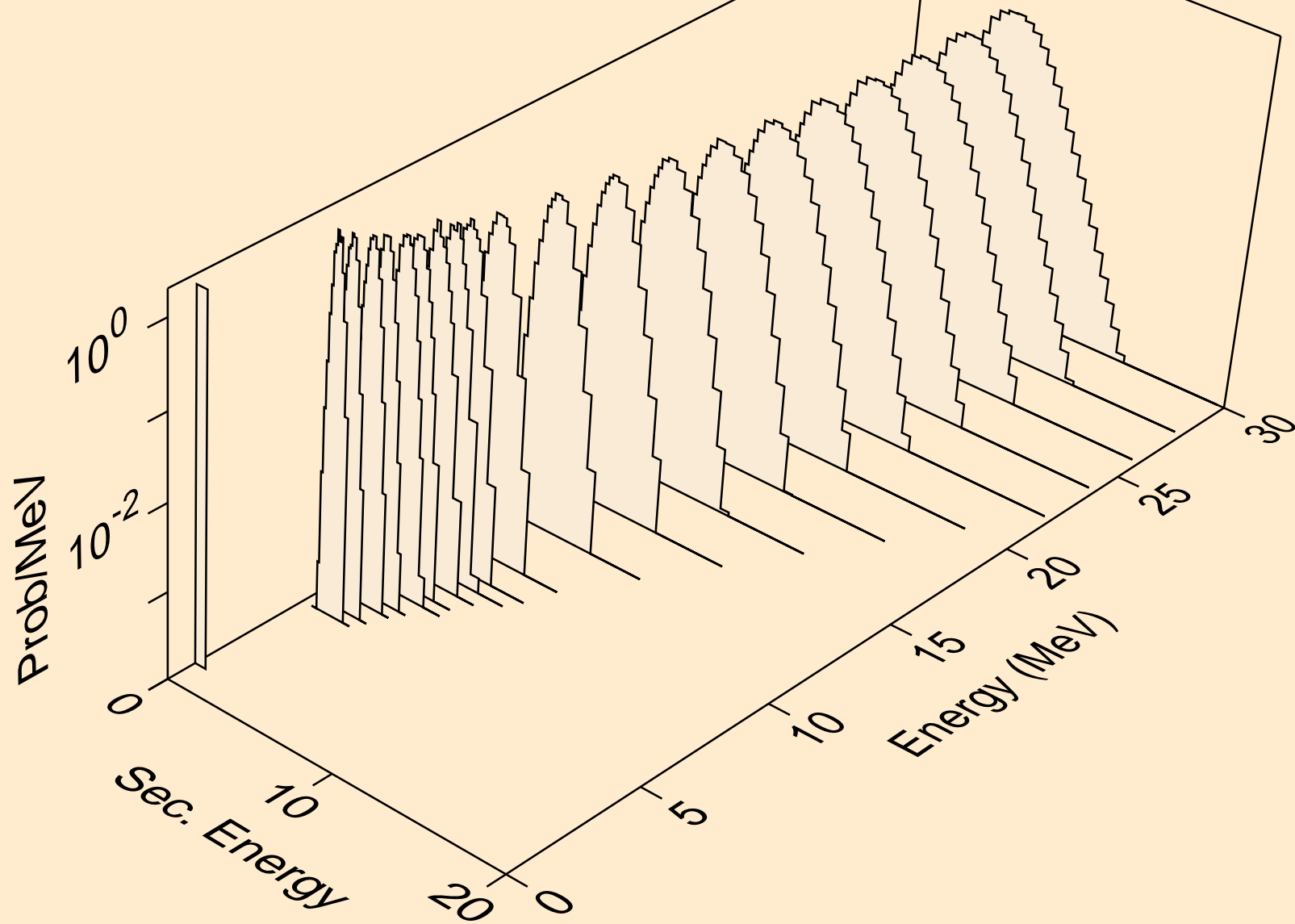
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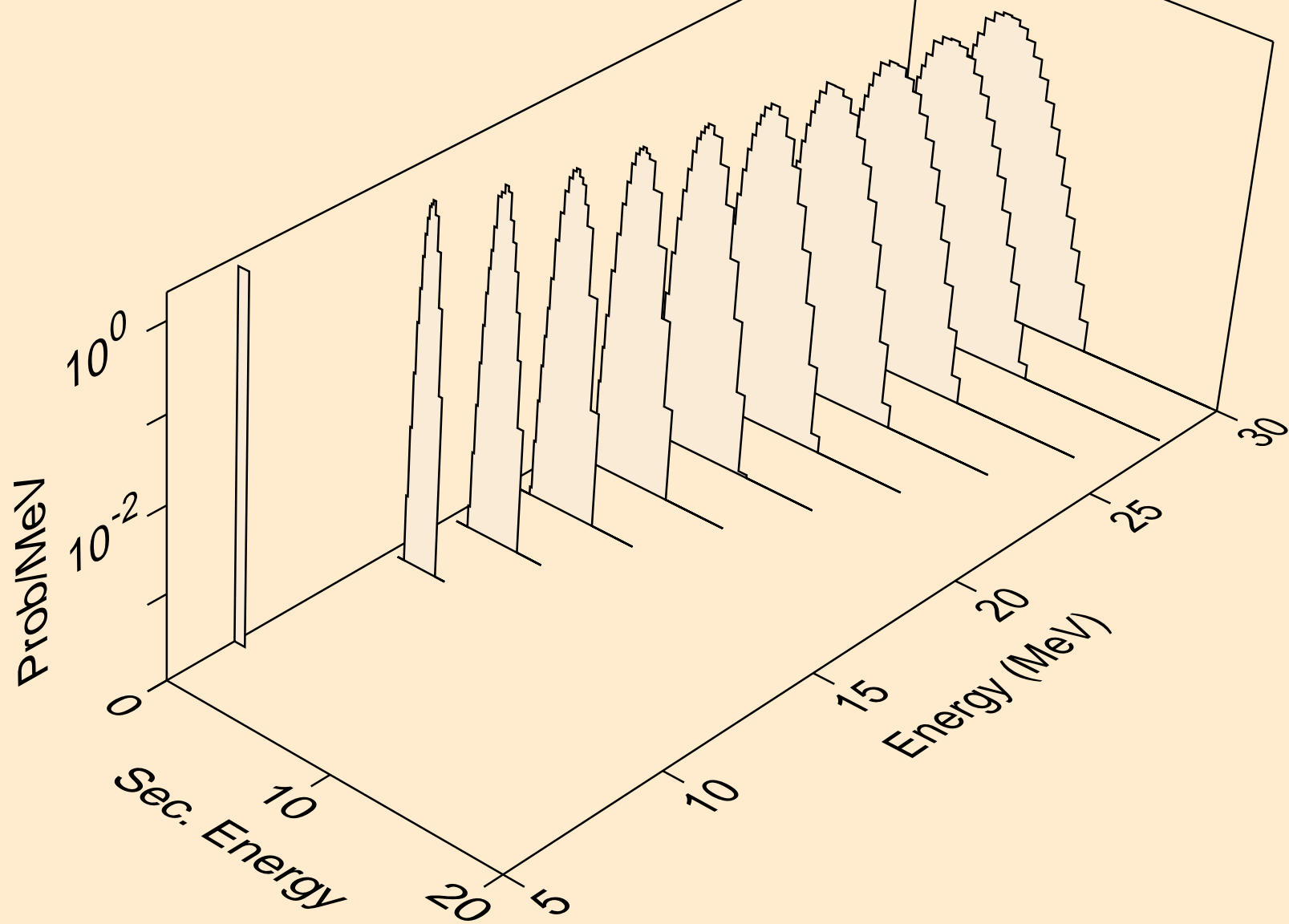
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protons from (n,p)



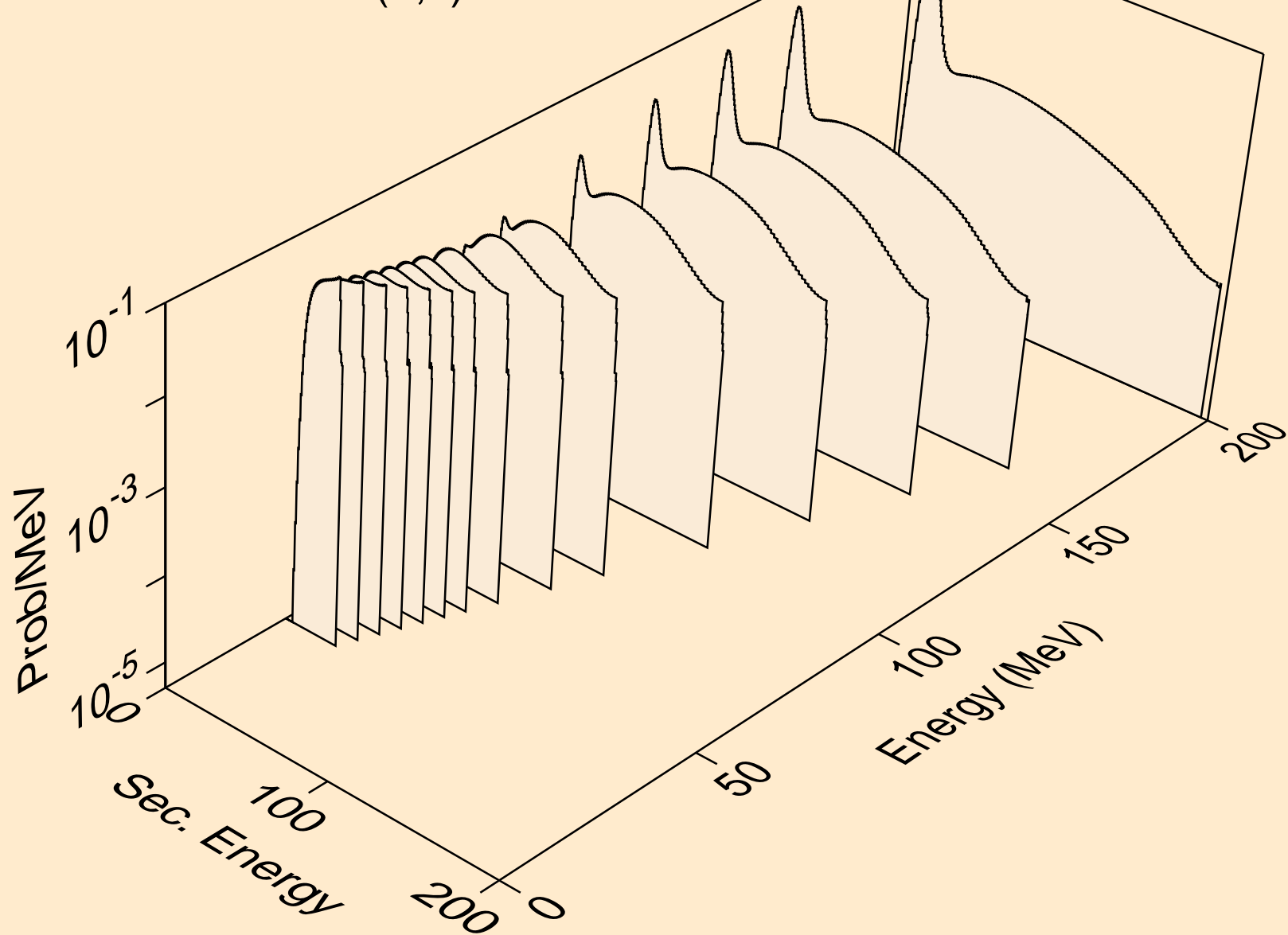
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



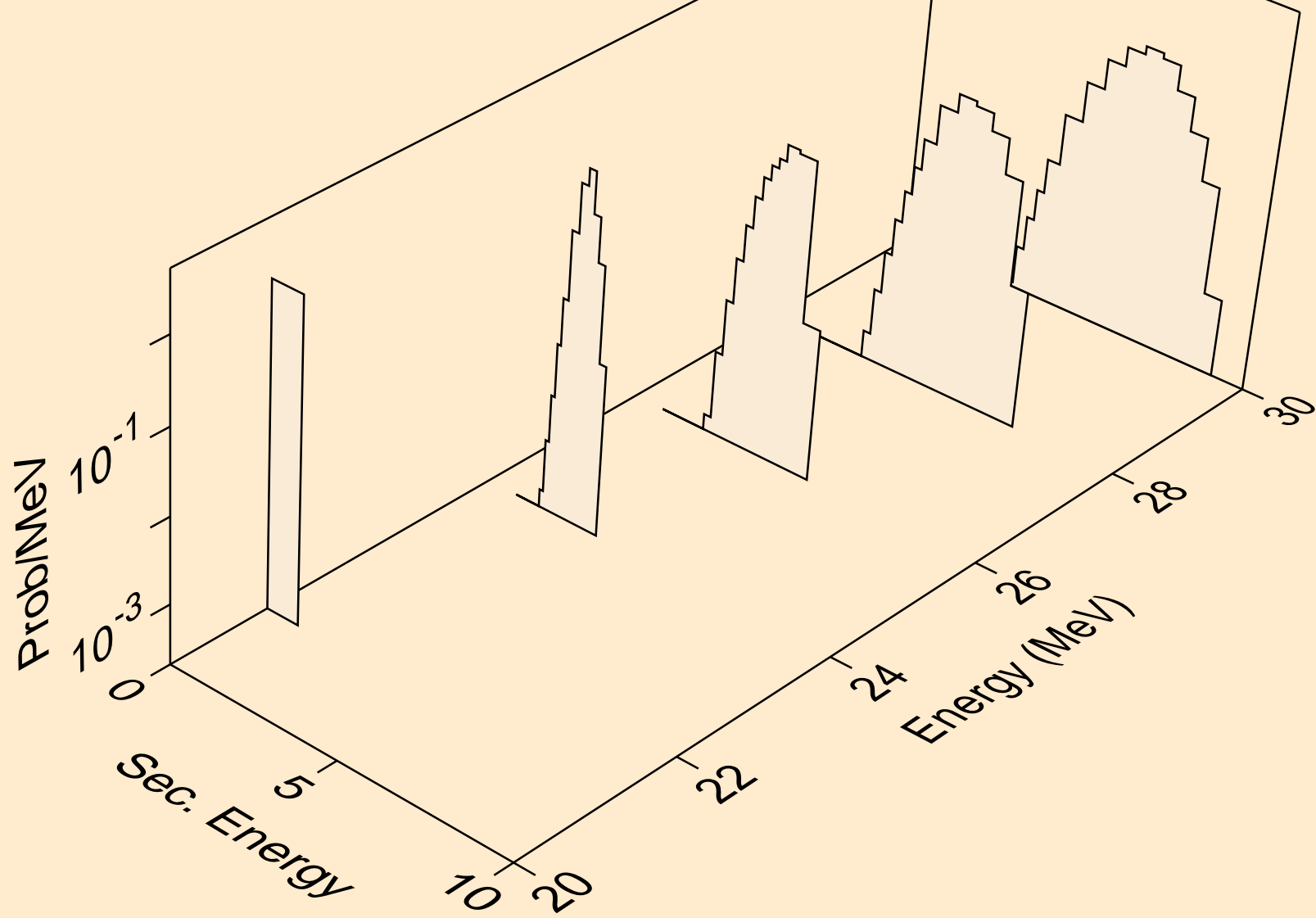
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protons from (n,pt)



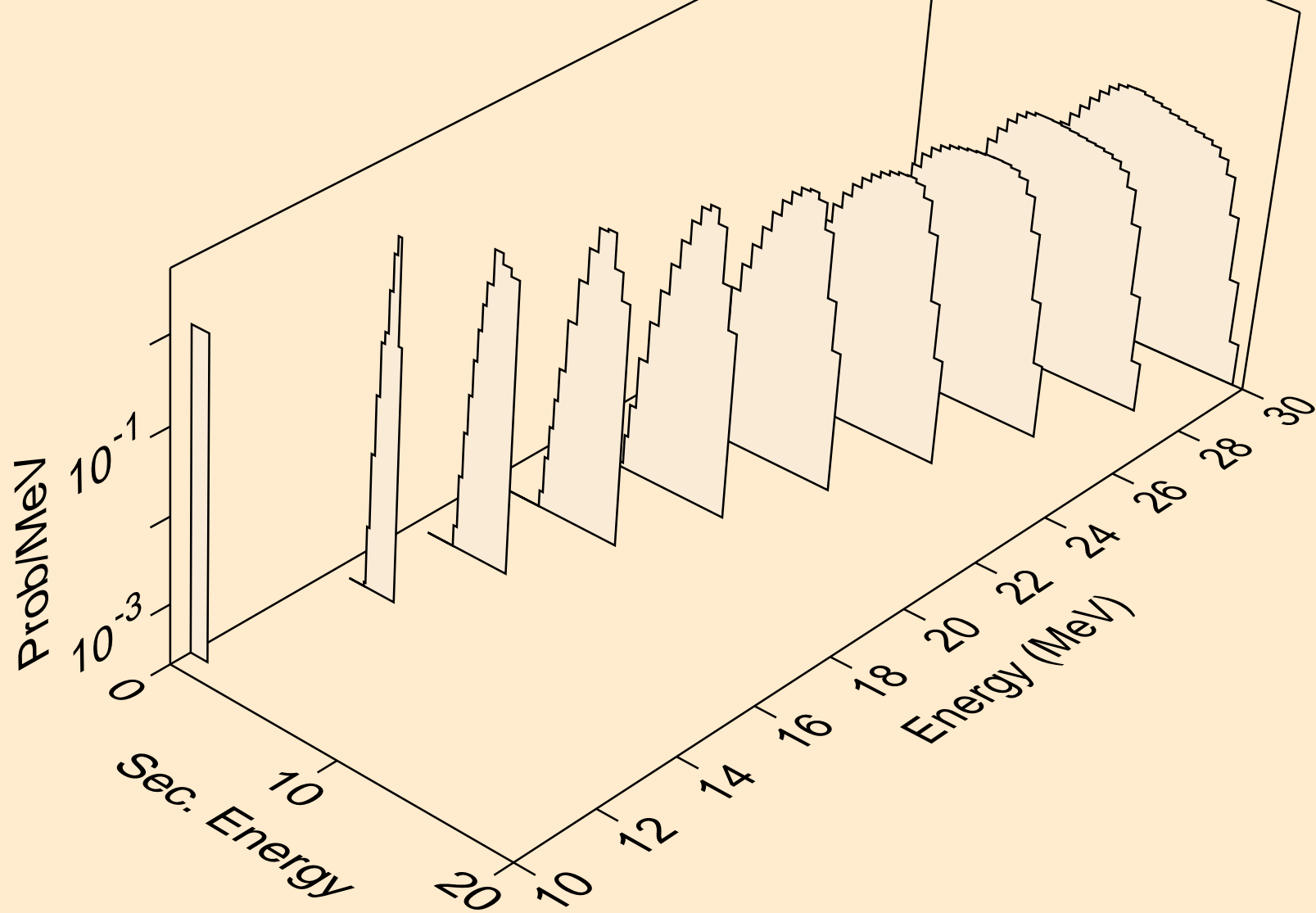
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



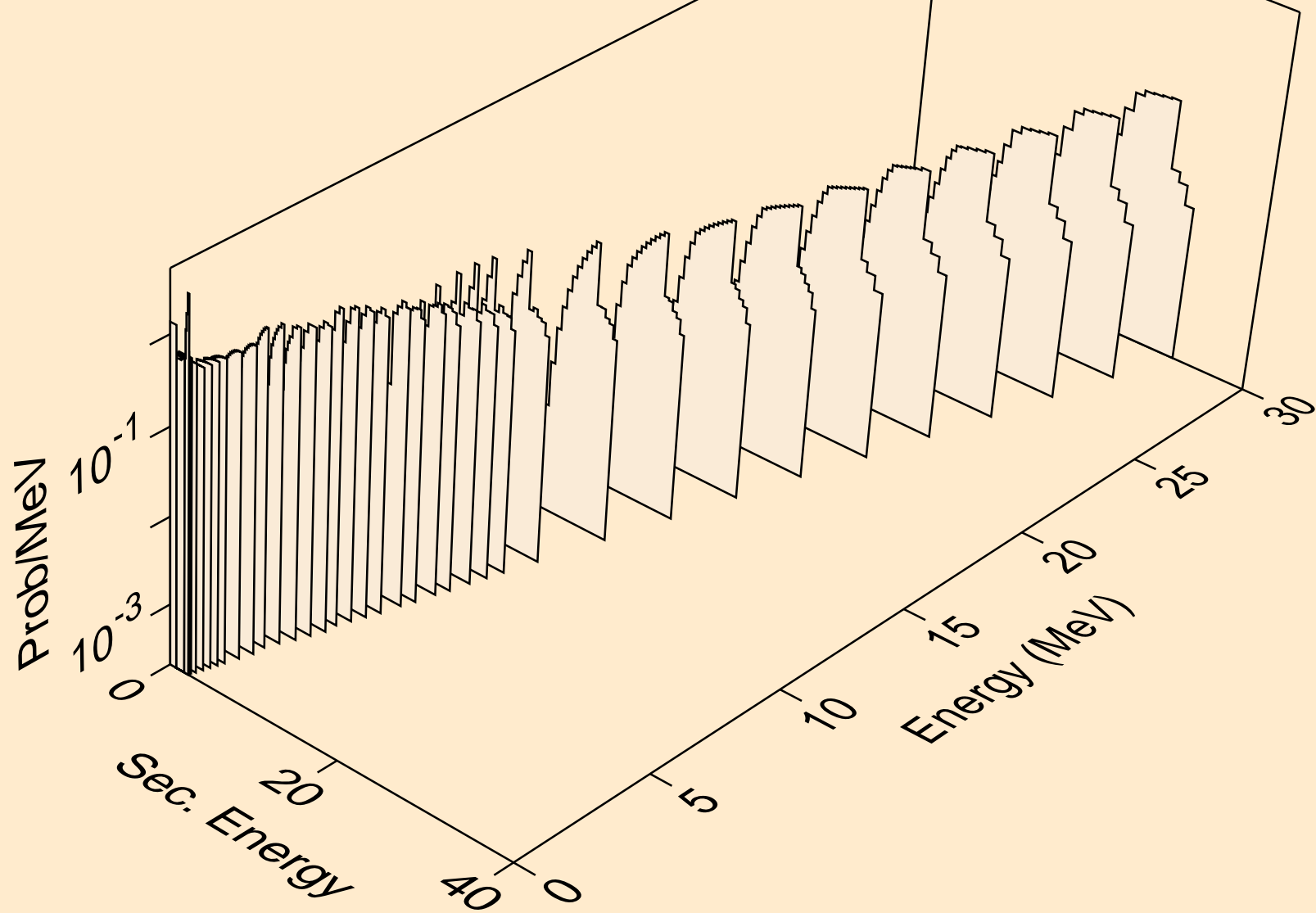
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d

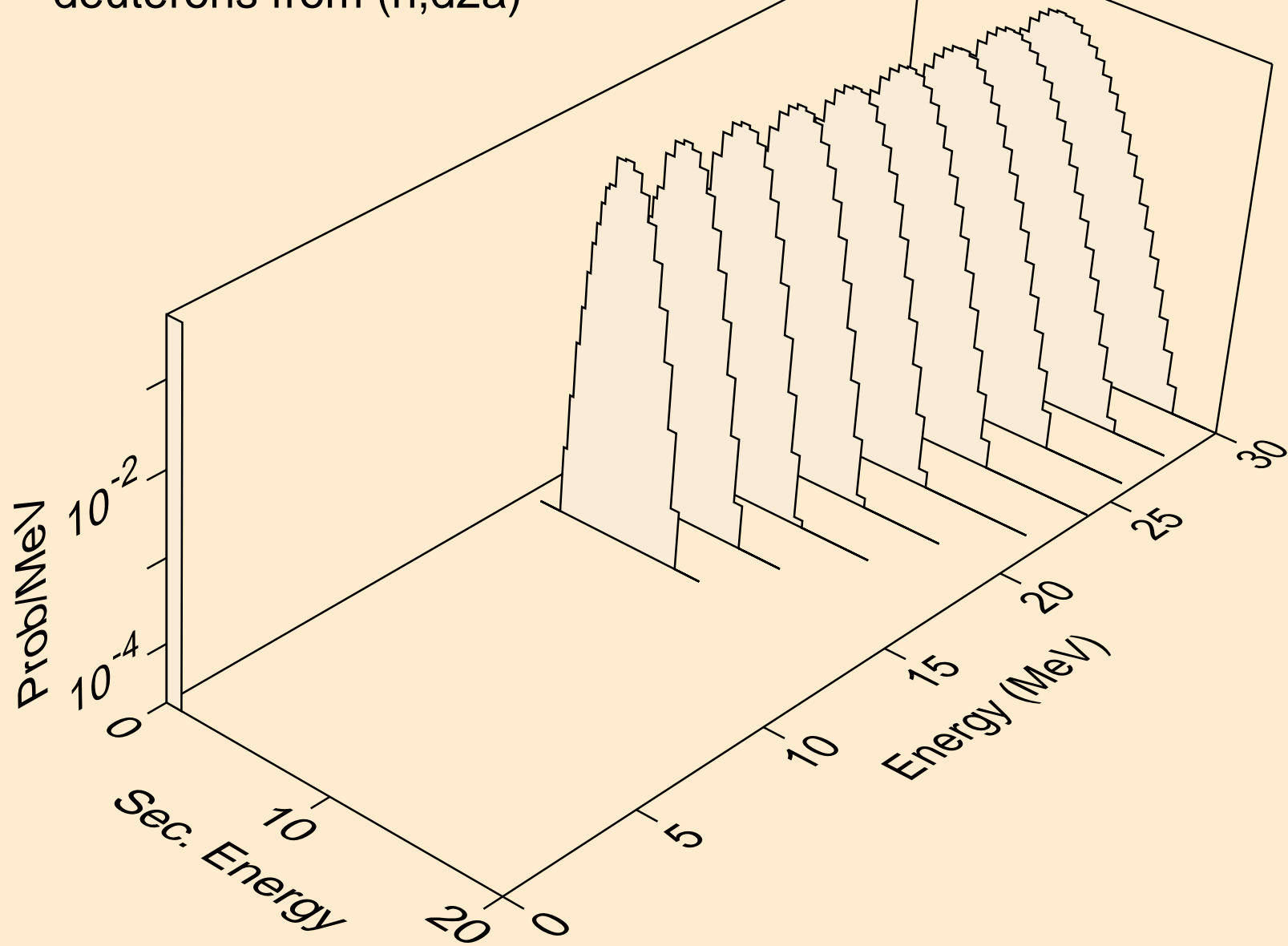


PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)

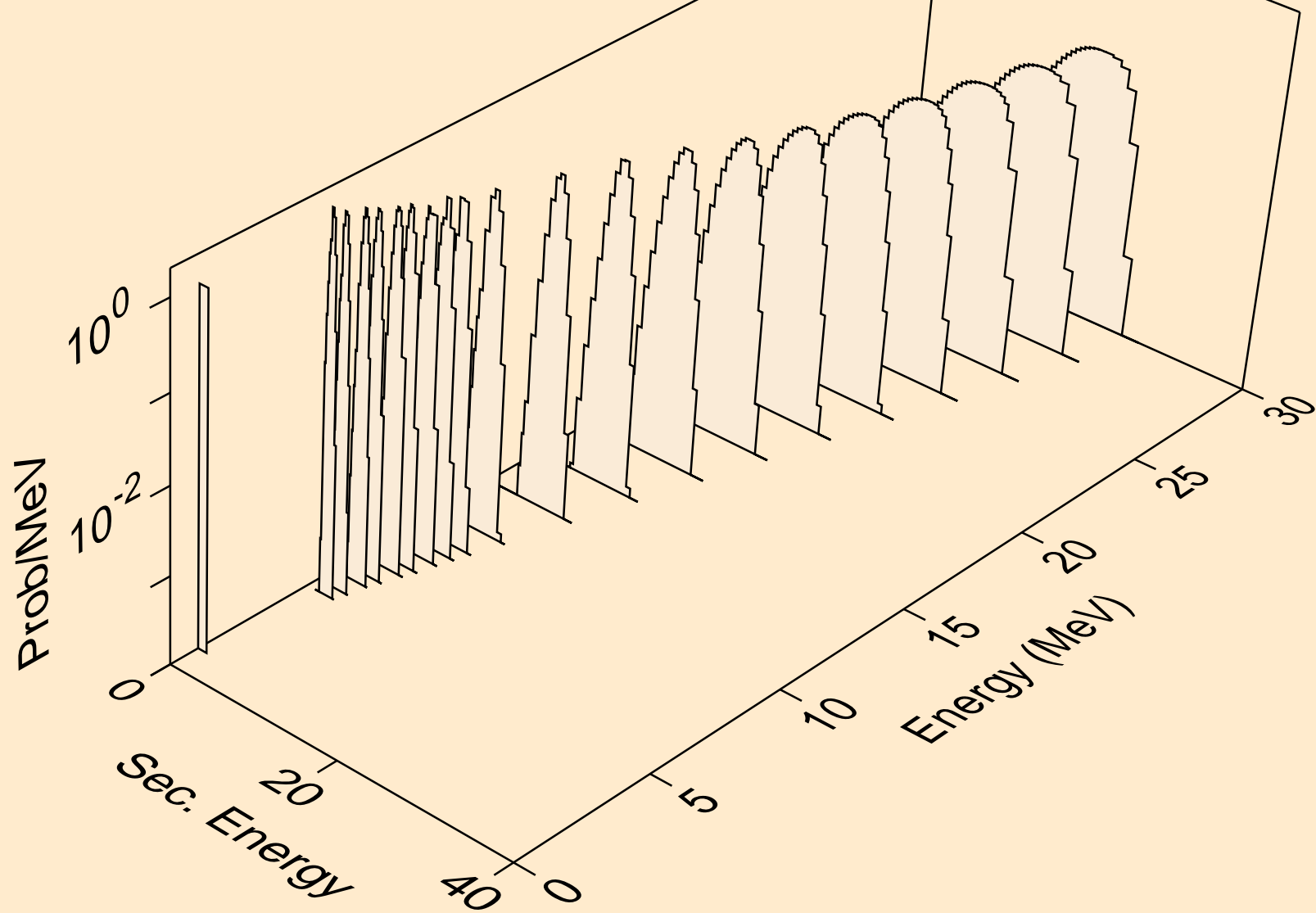




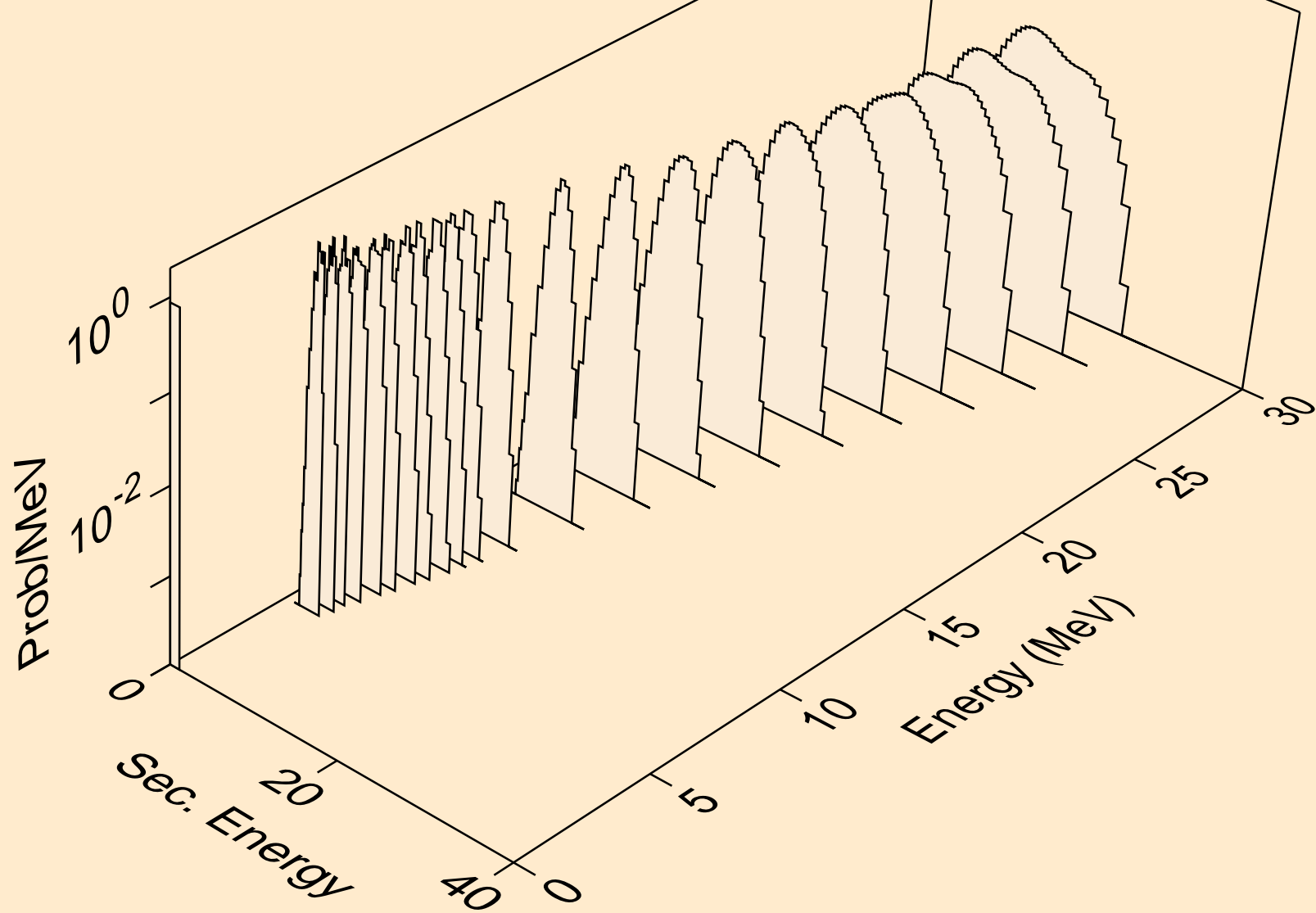
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deuterons from (n,d2a)



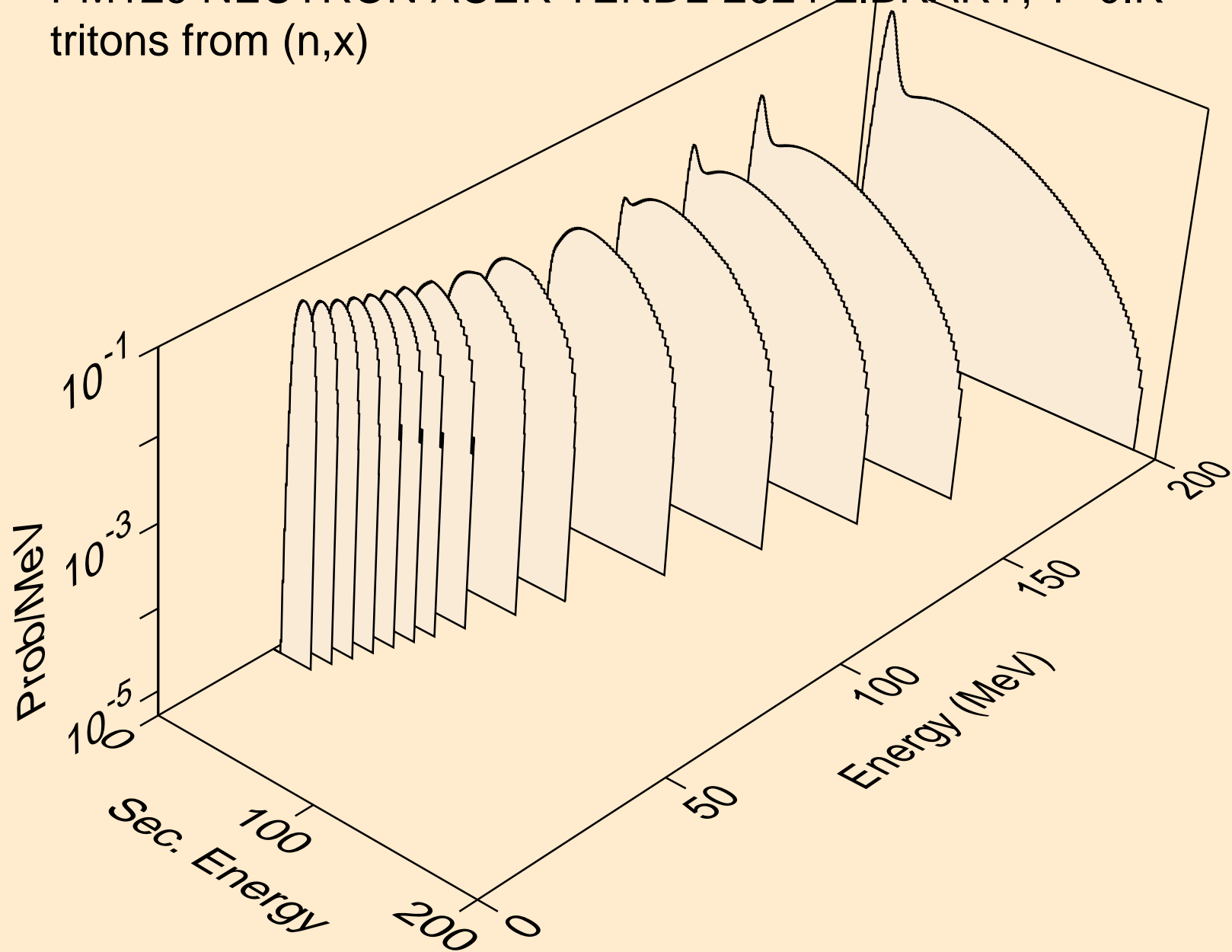
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



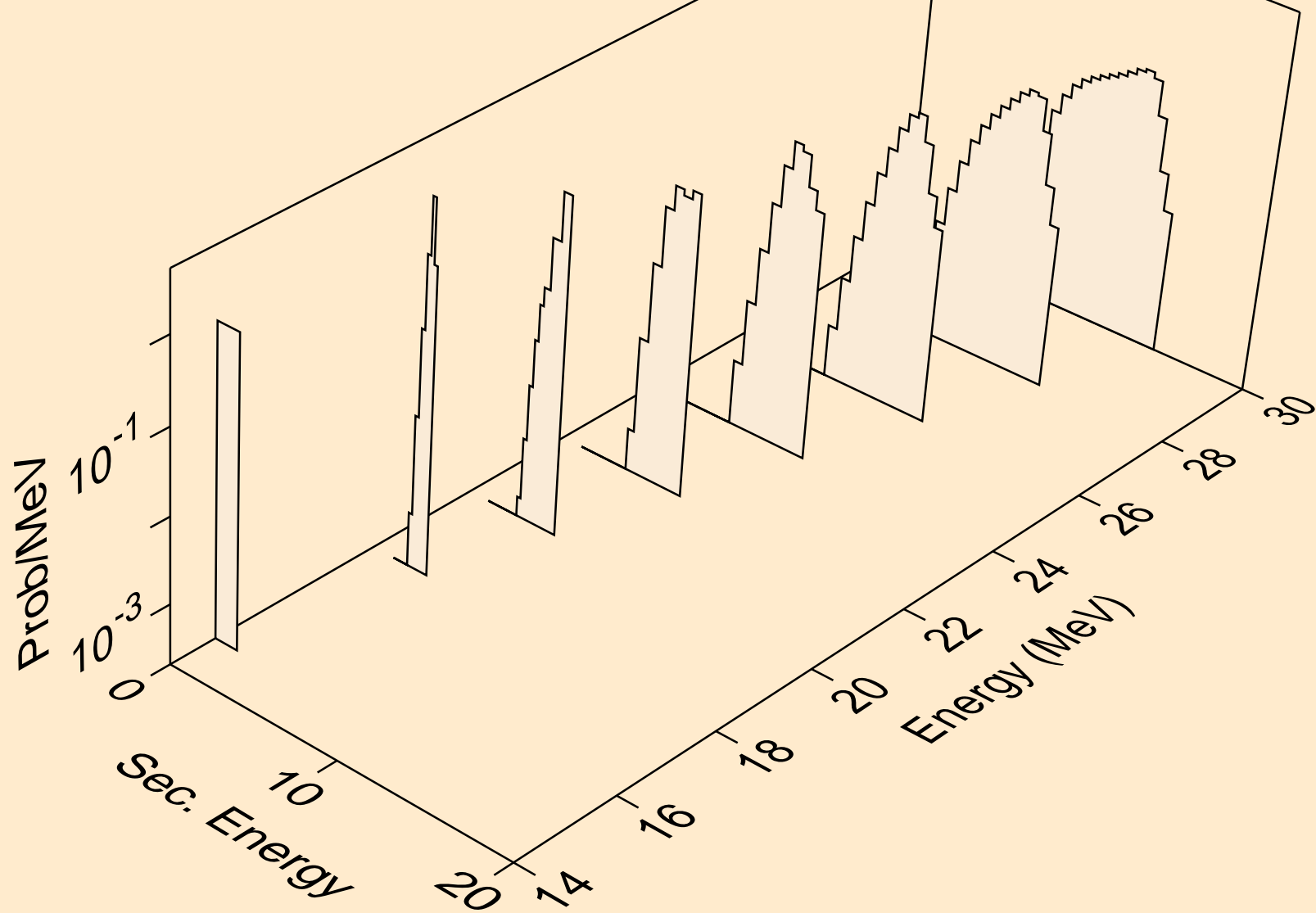
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deuterons from (n,da)



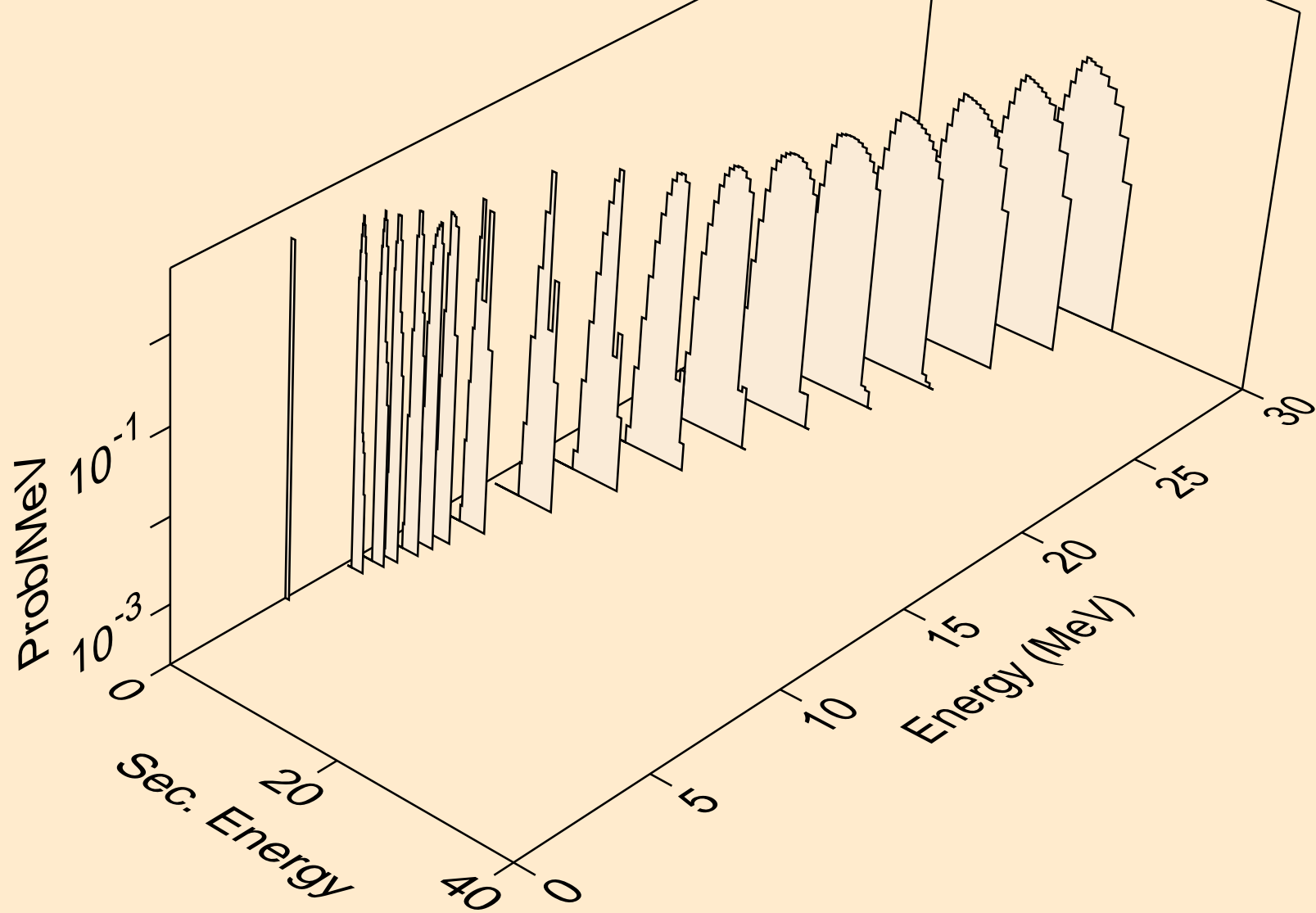
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



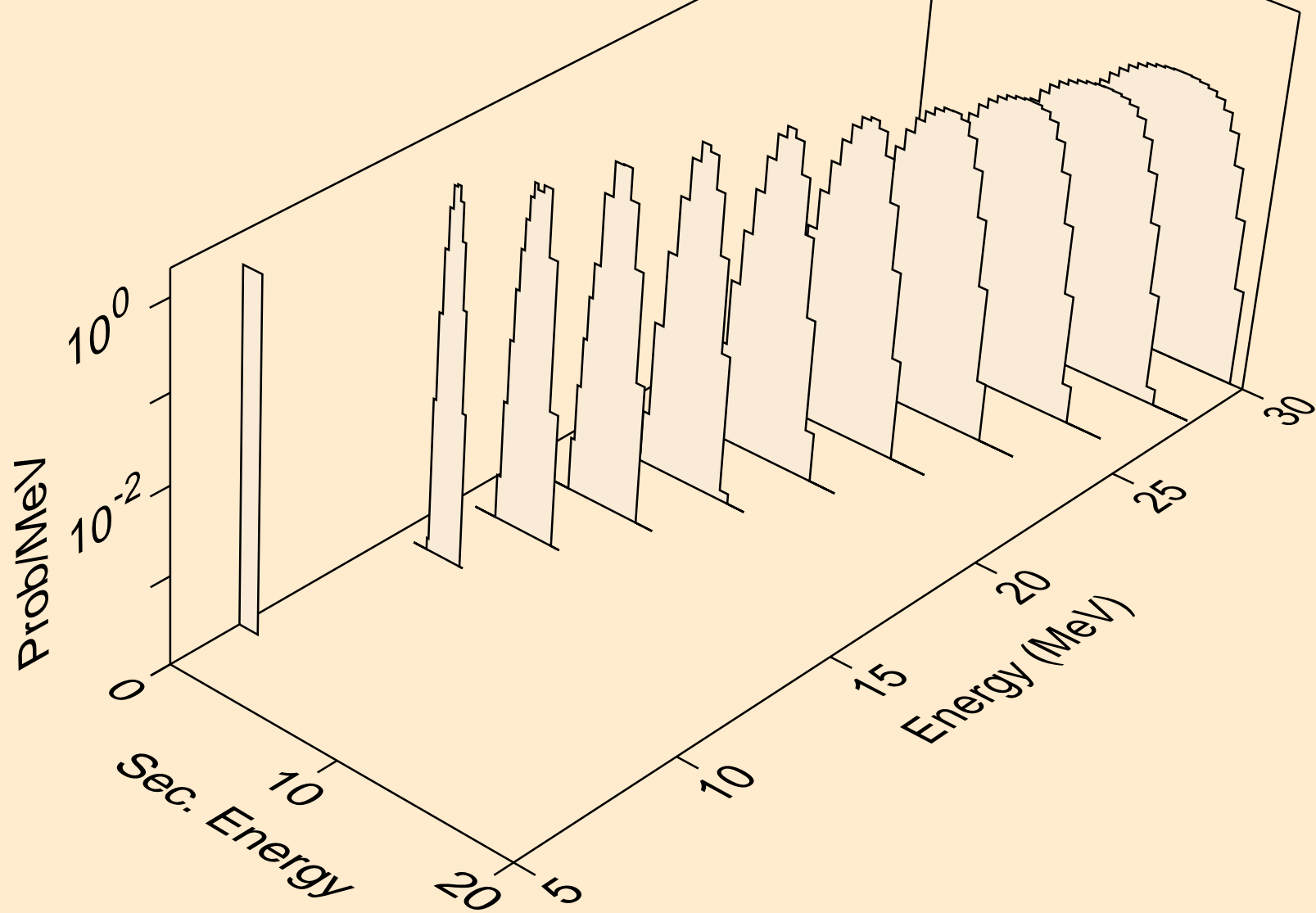
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



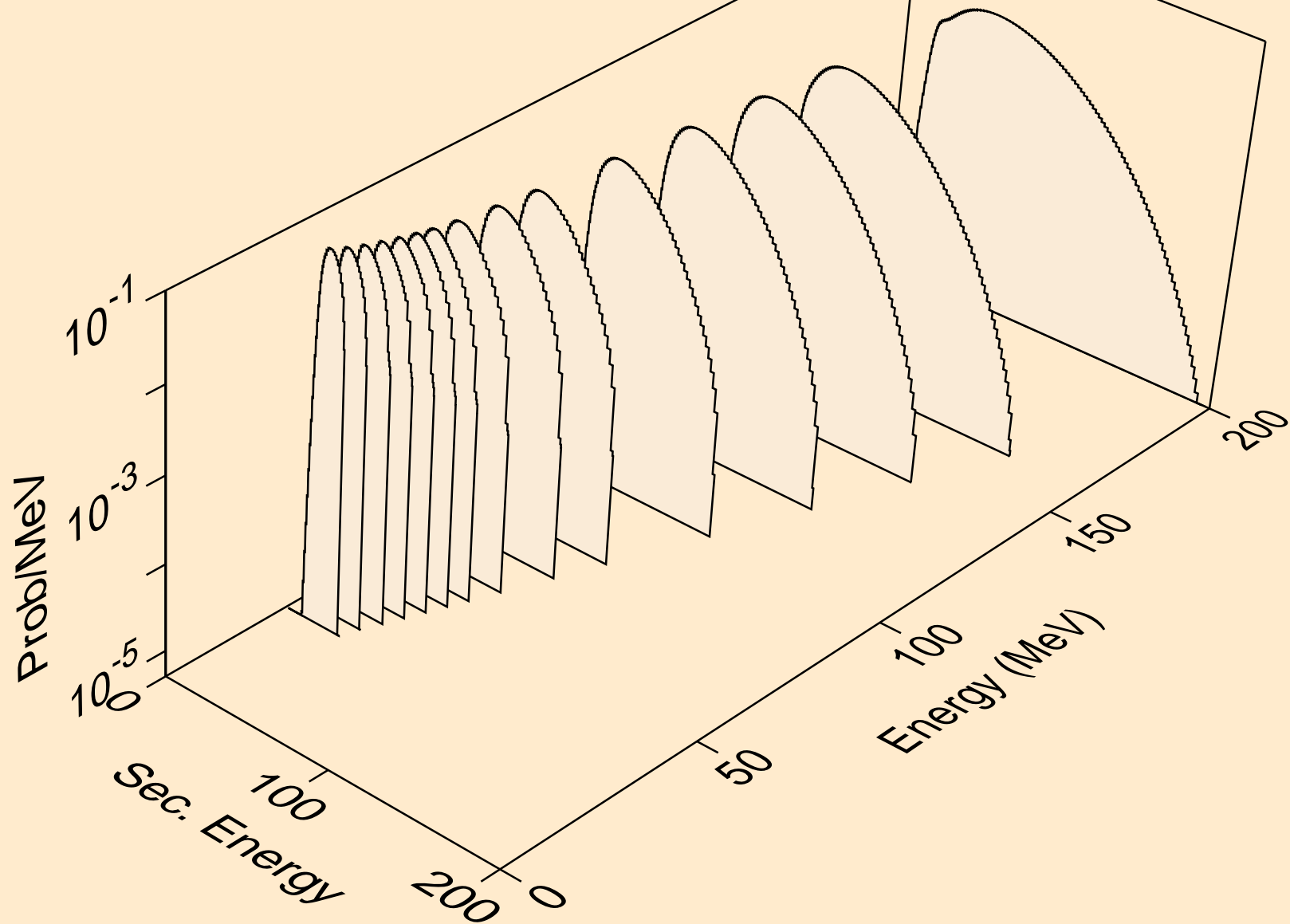
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)

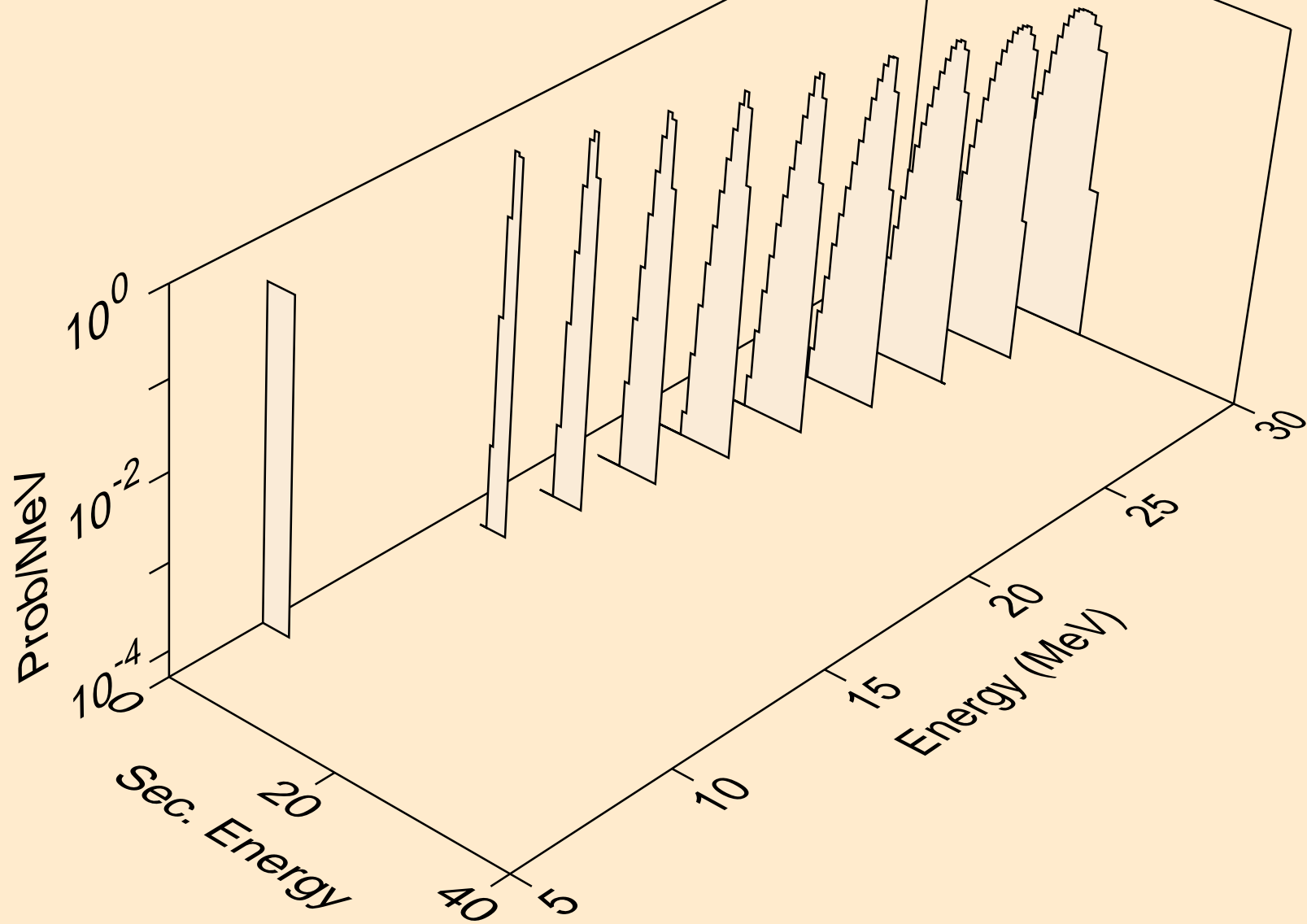


PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)

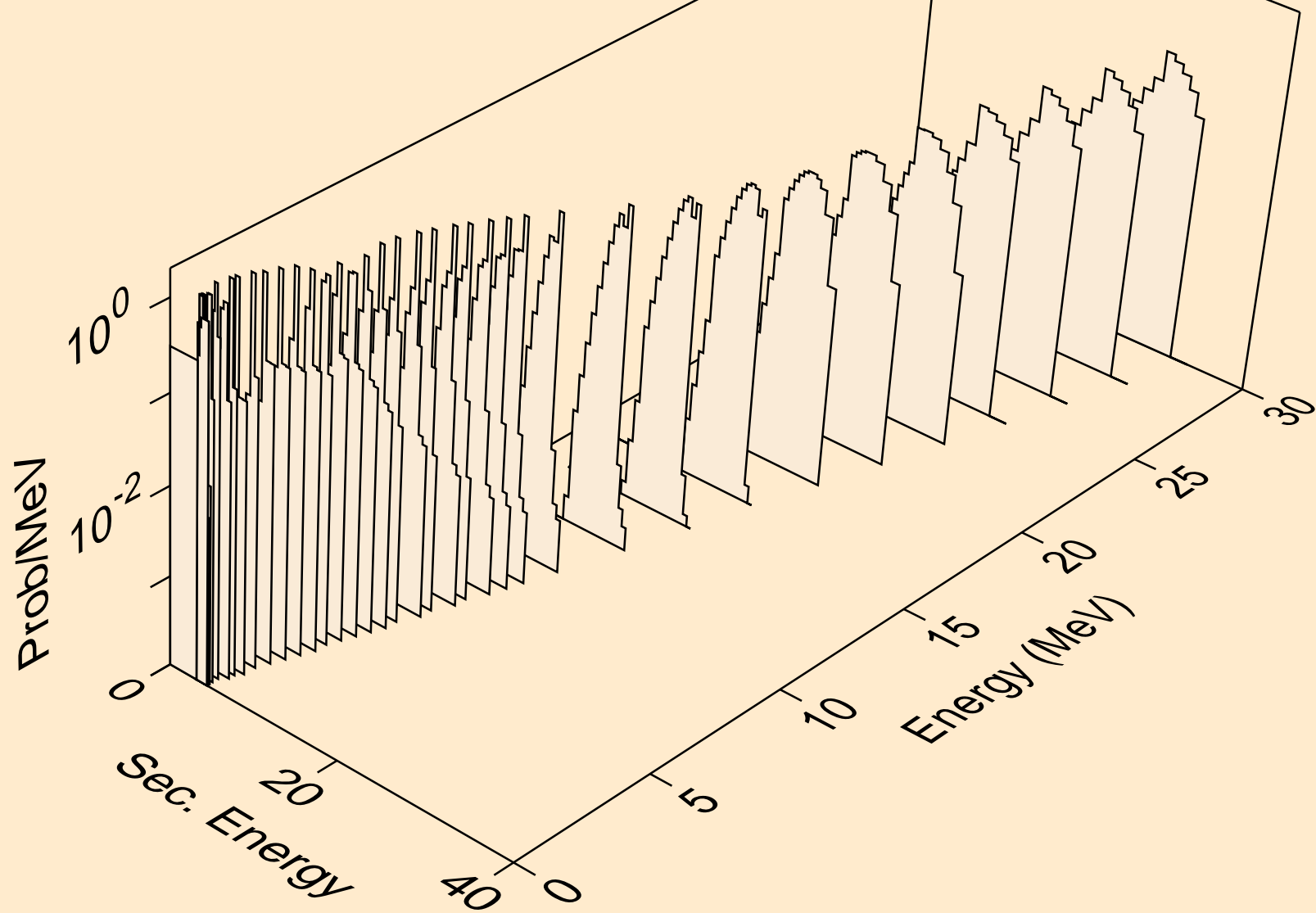




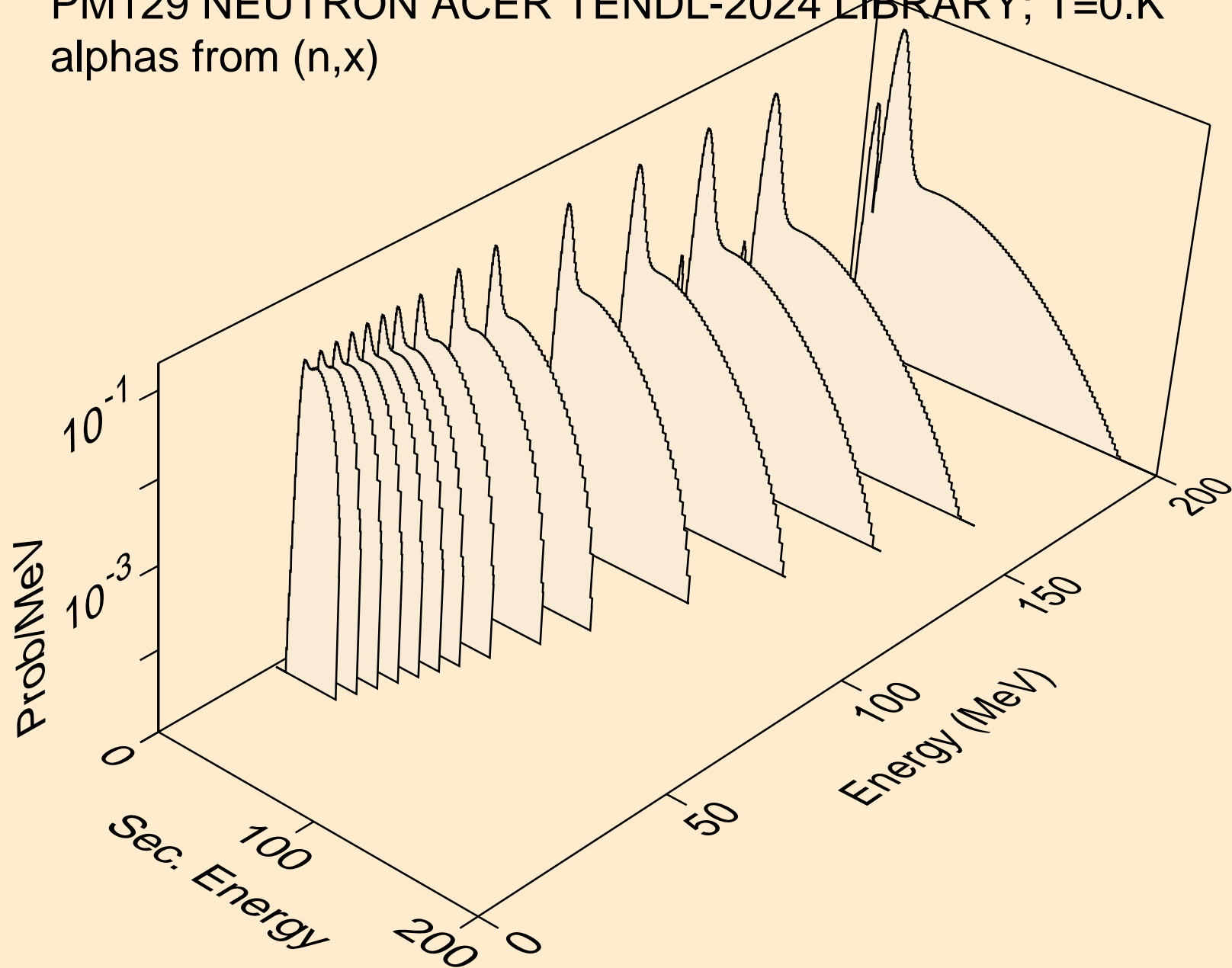
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



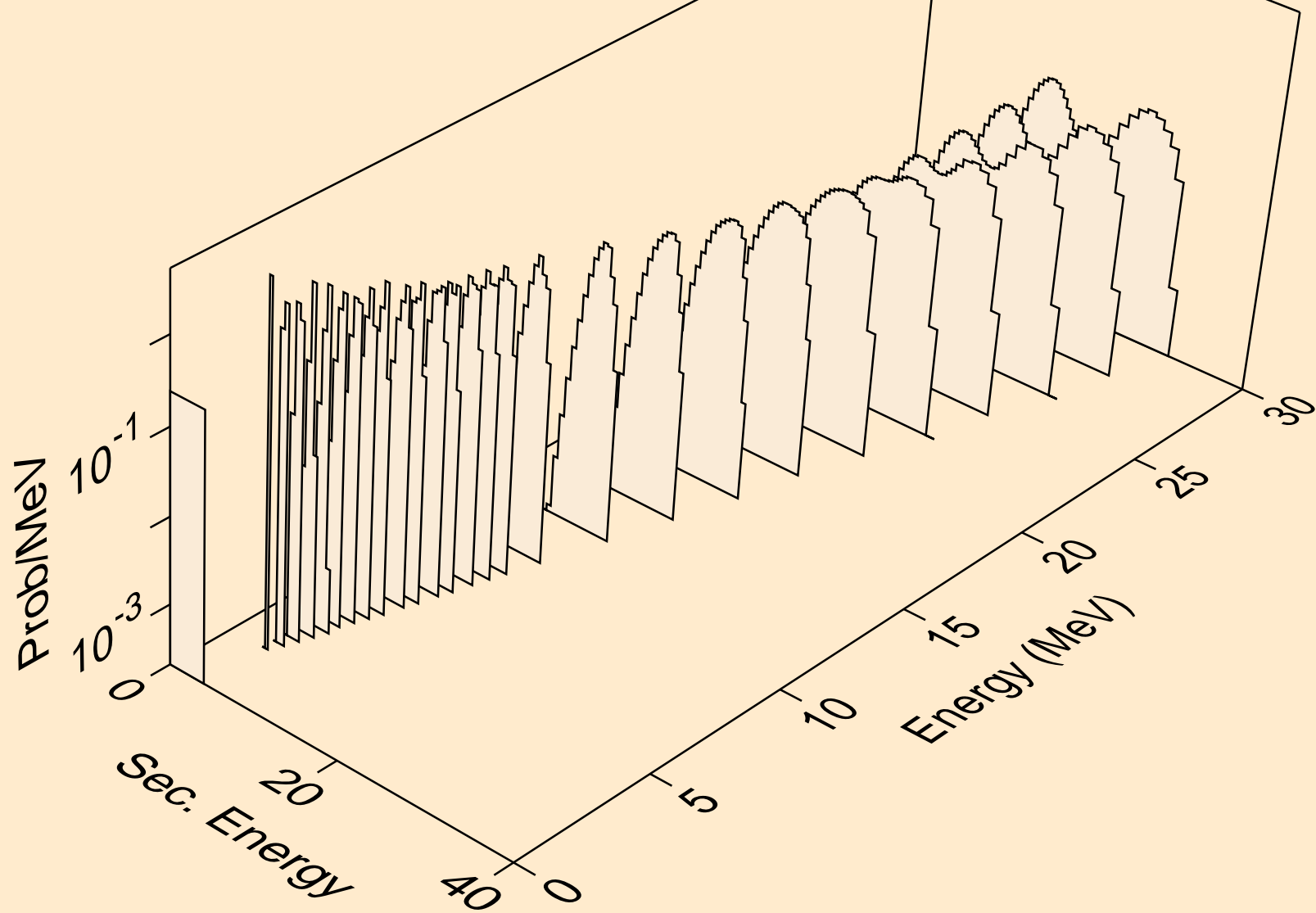
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



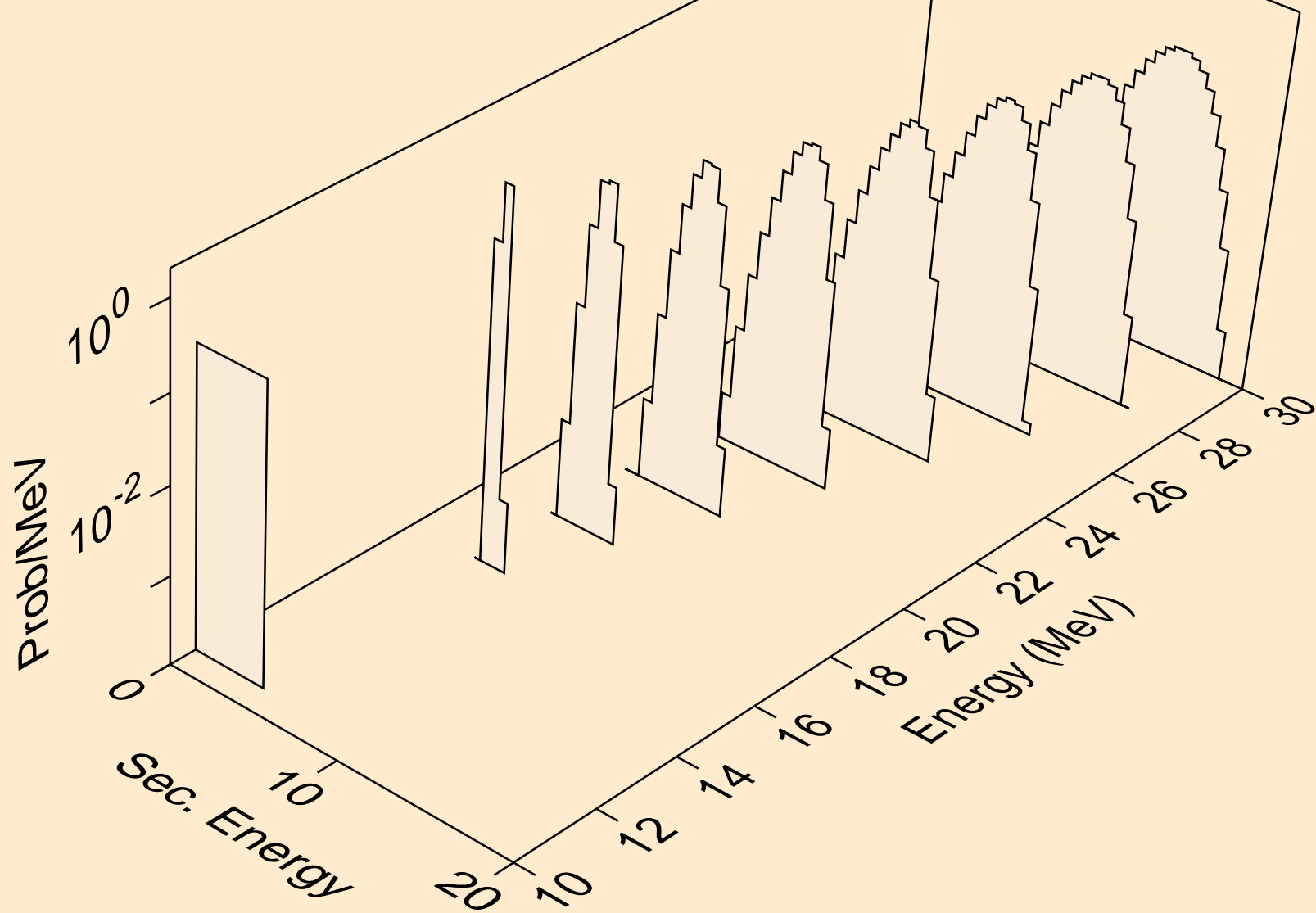
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



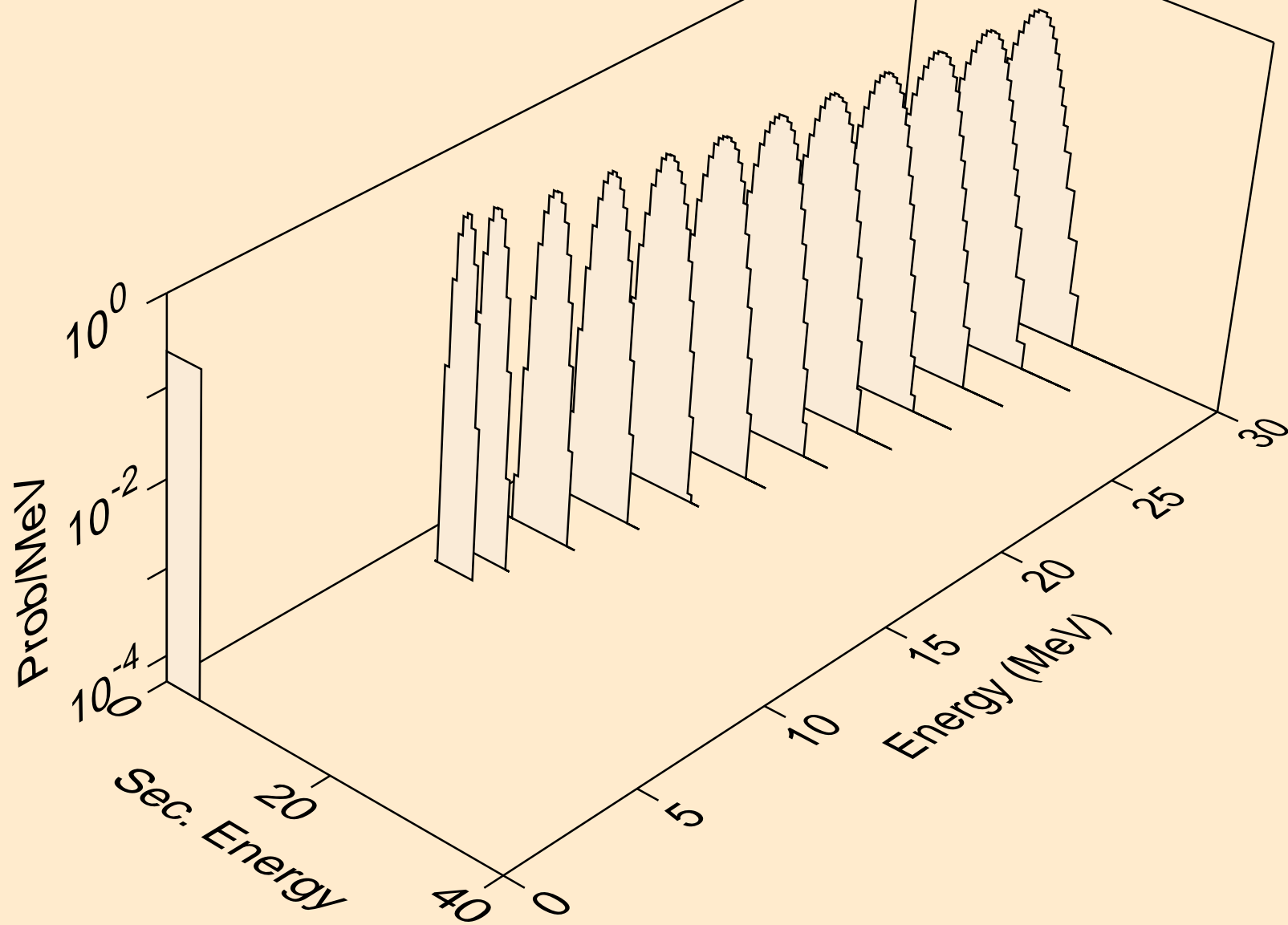
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



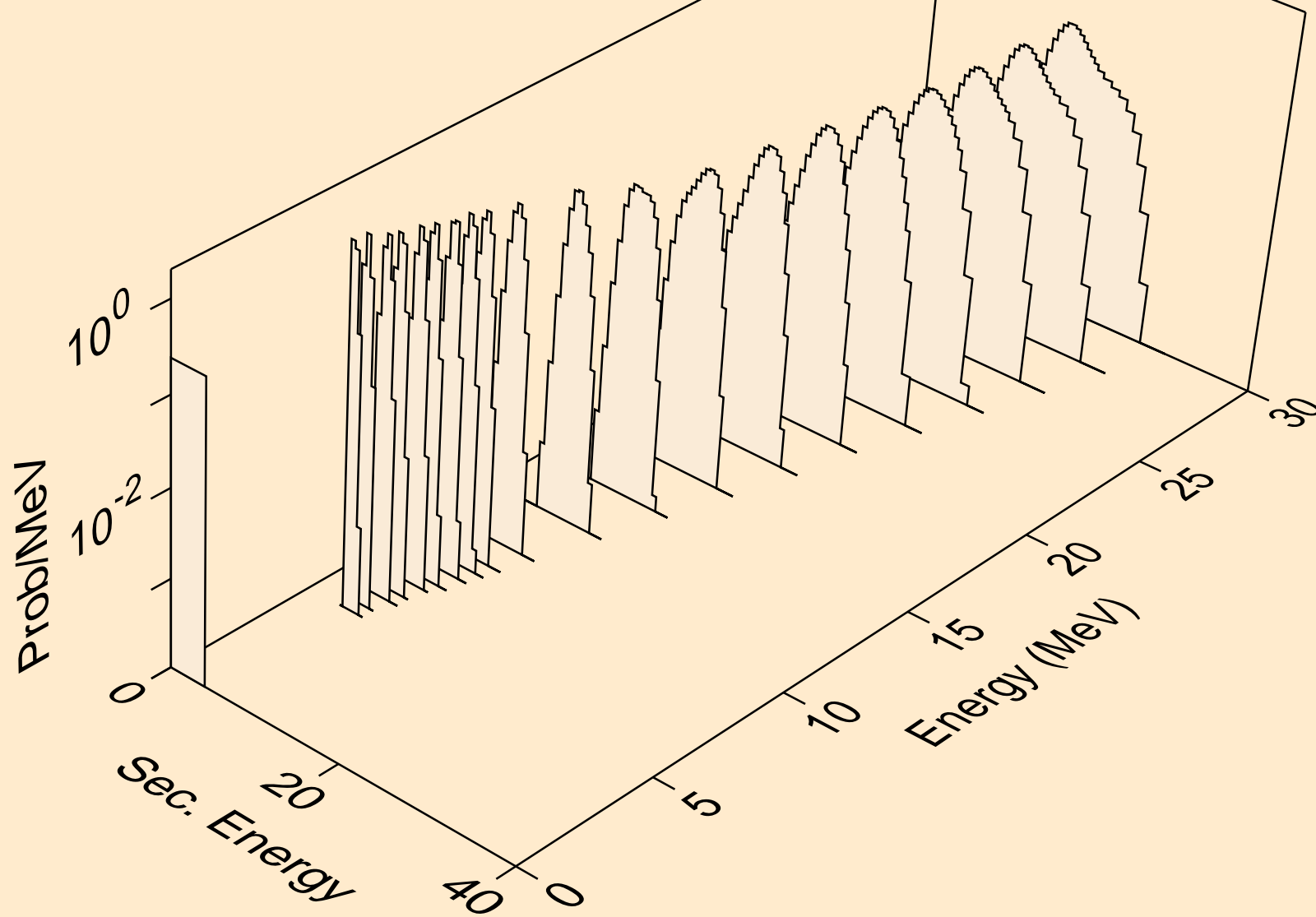
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



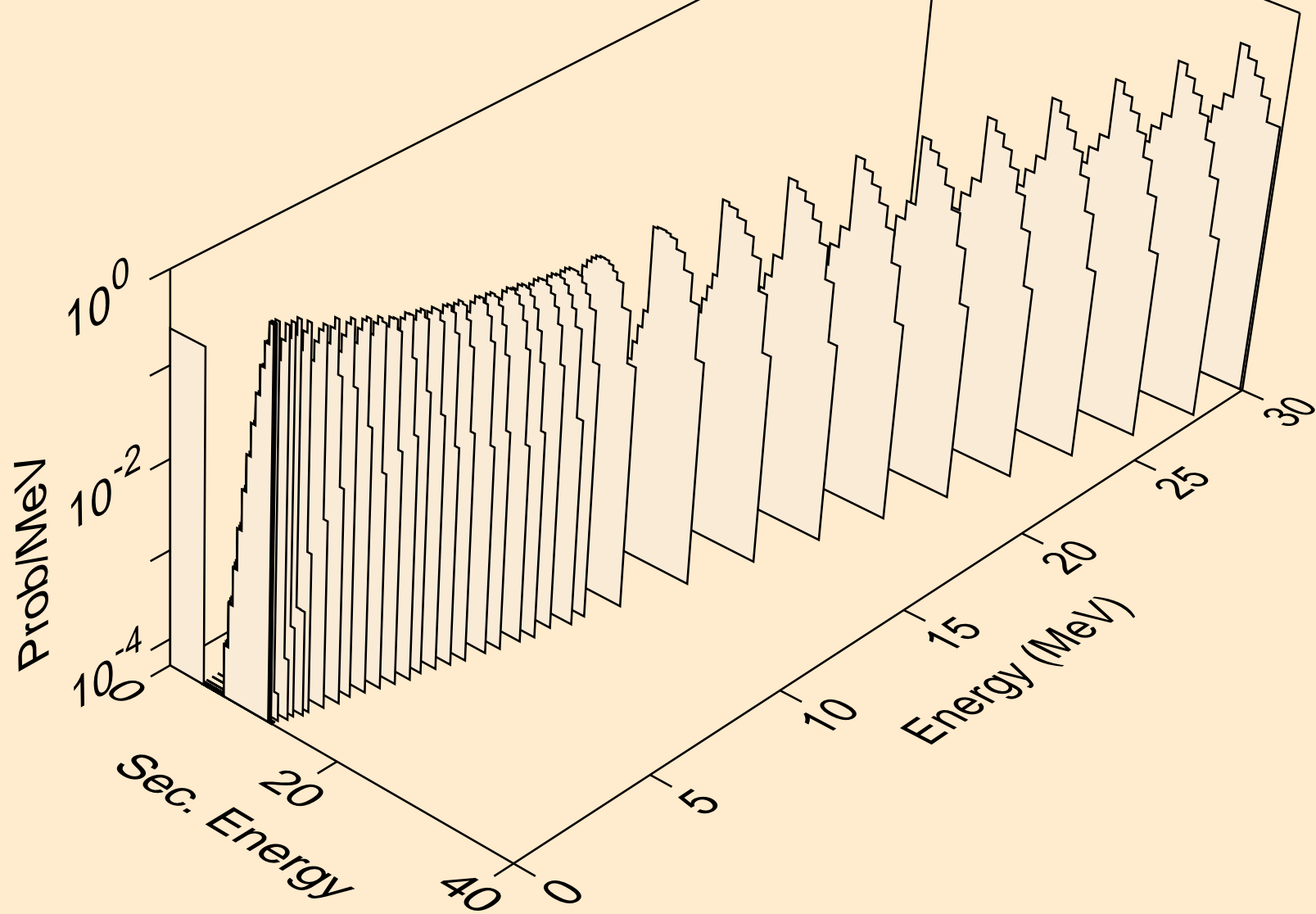
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)

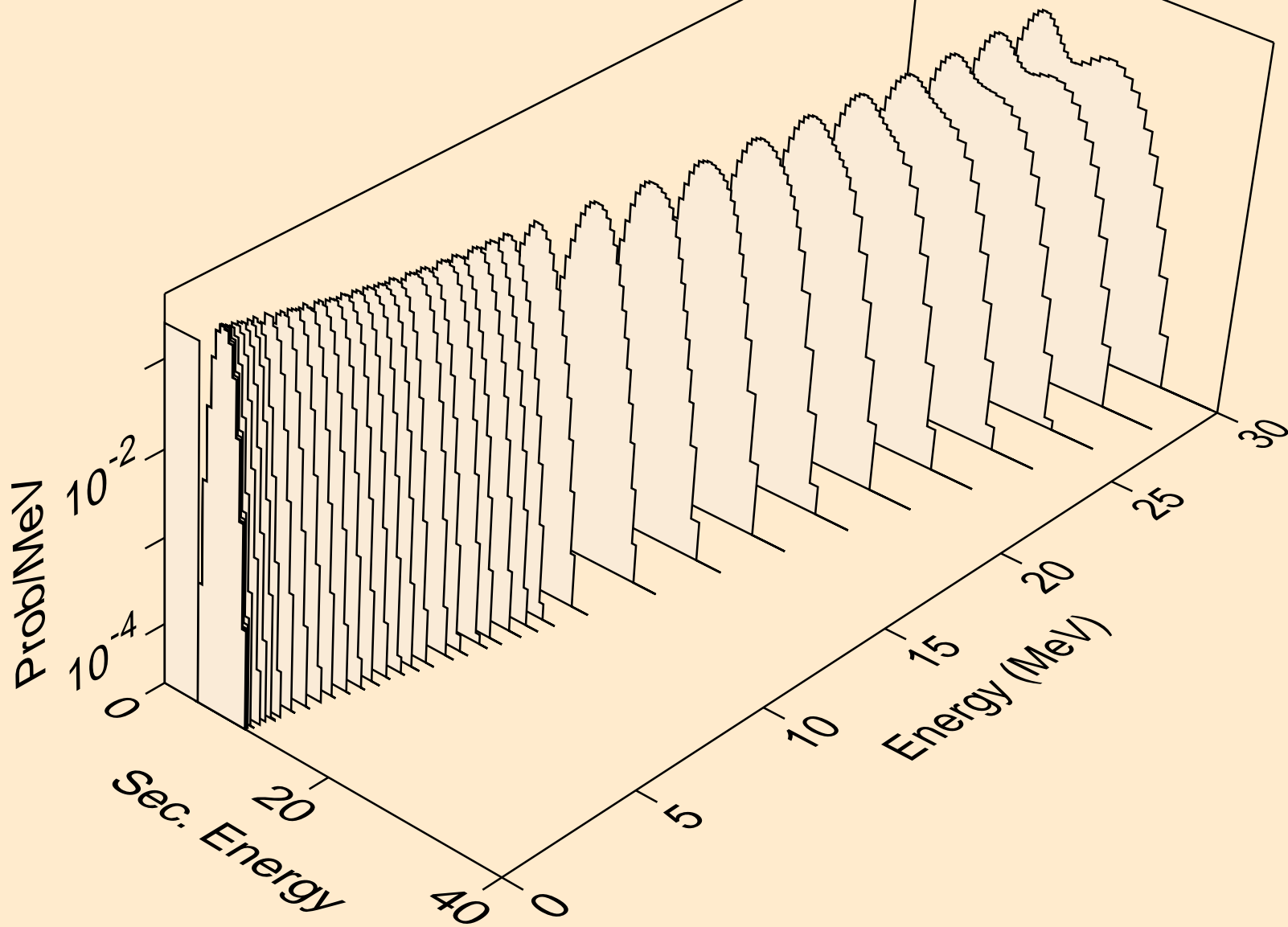


PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

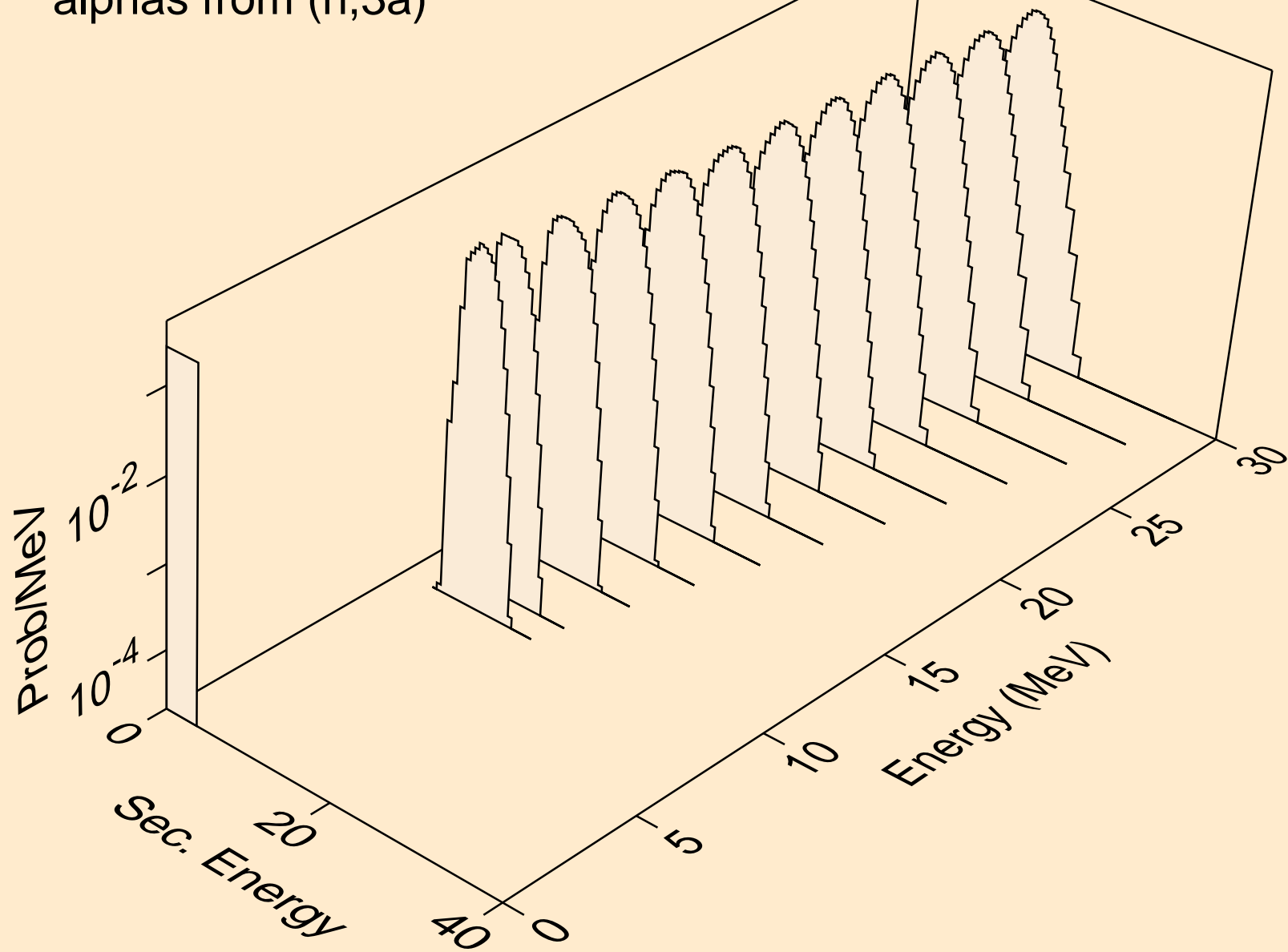




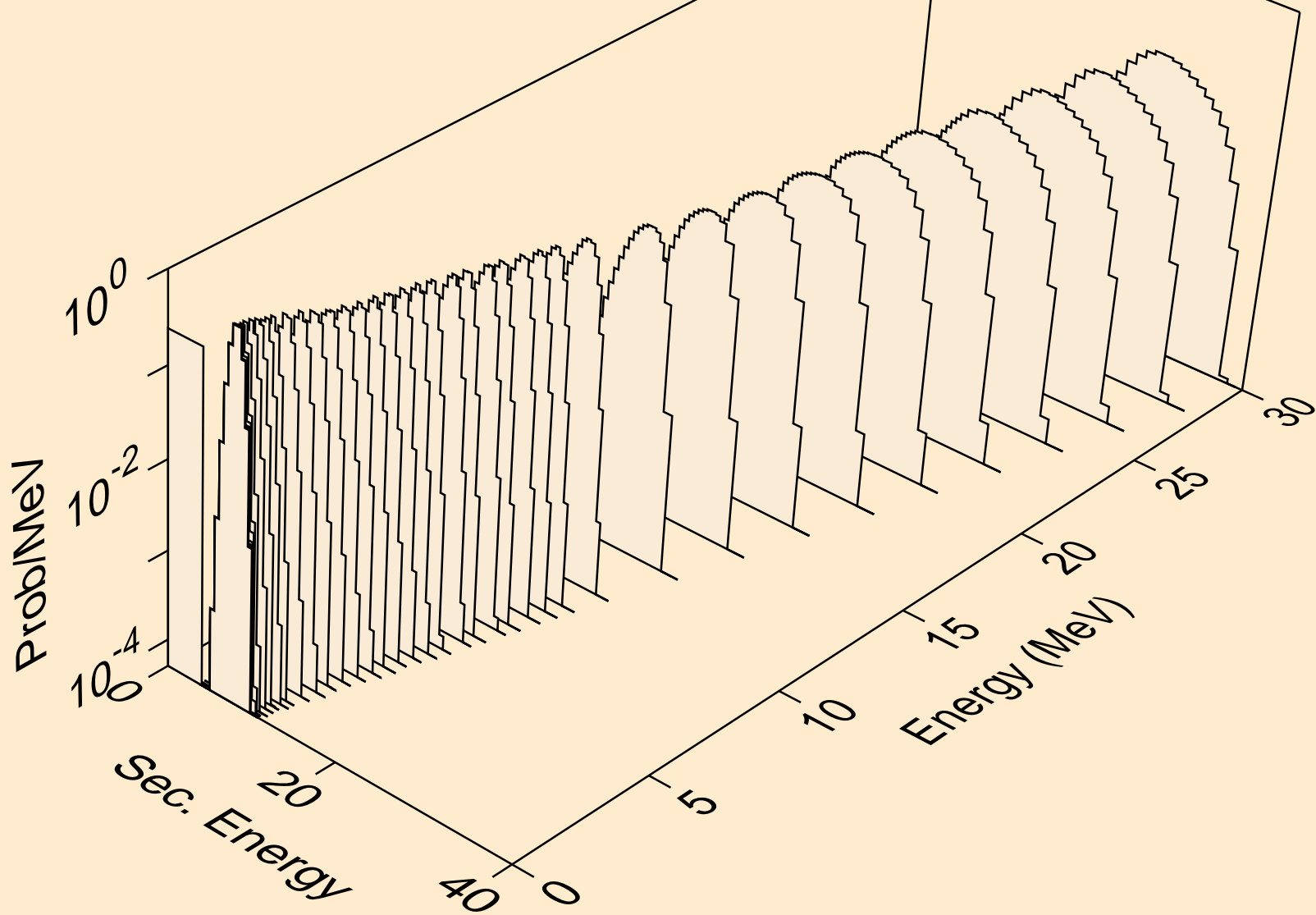
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



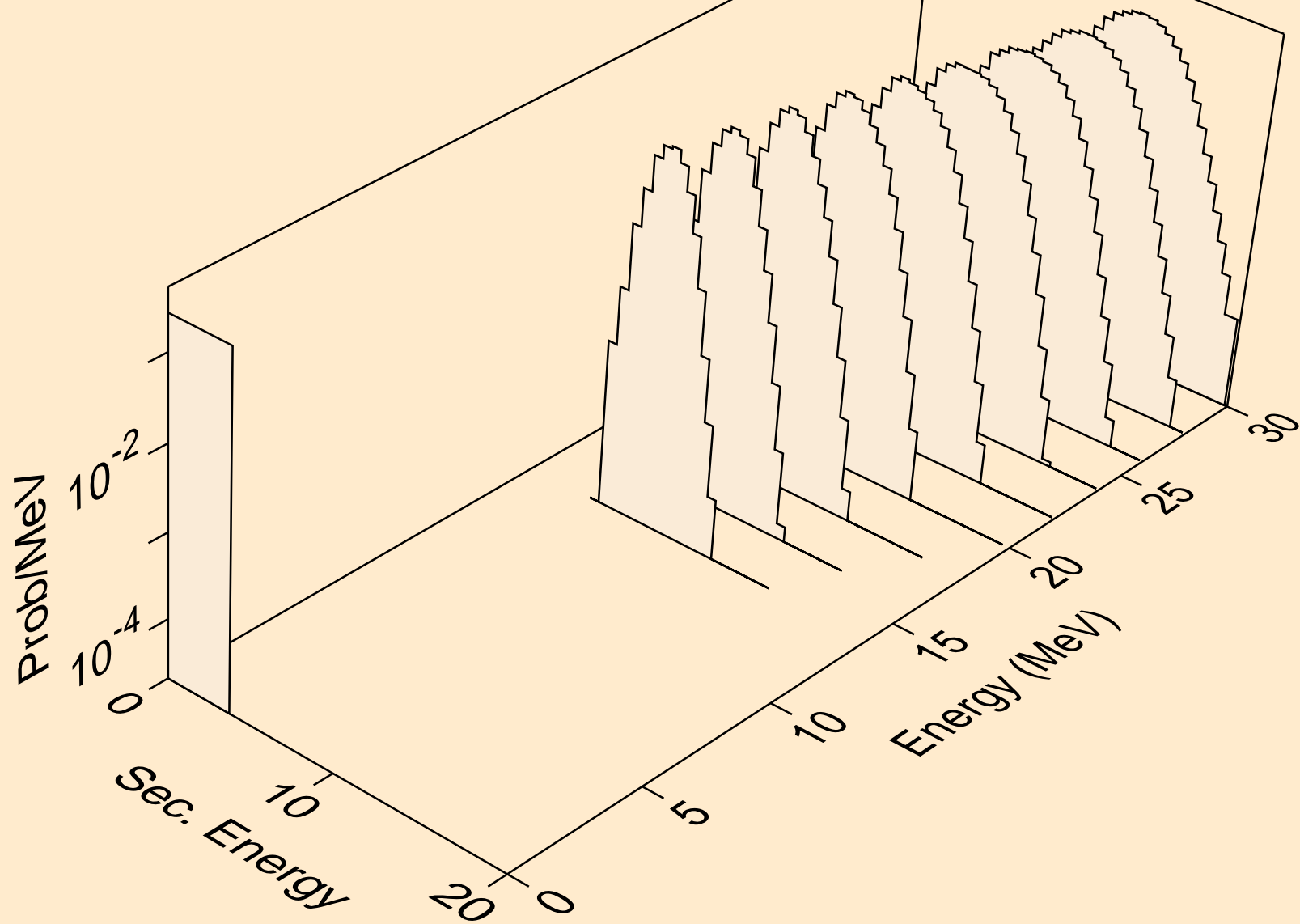
PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,d2a)



PM129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

