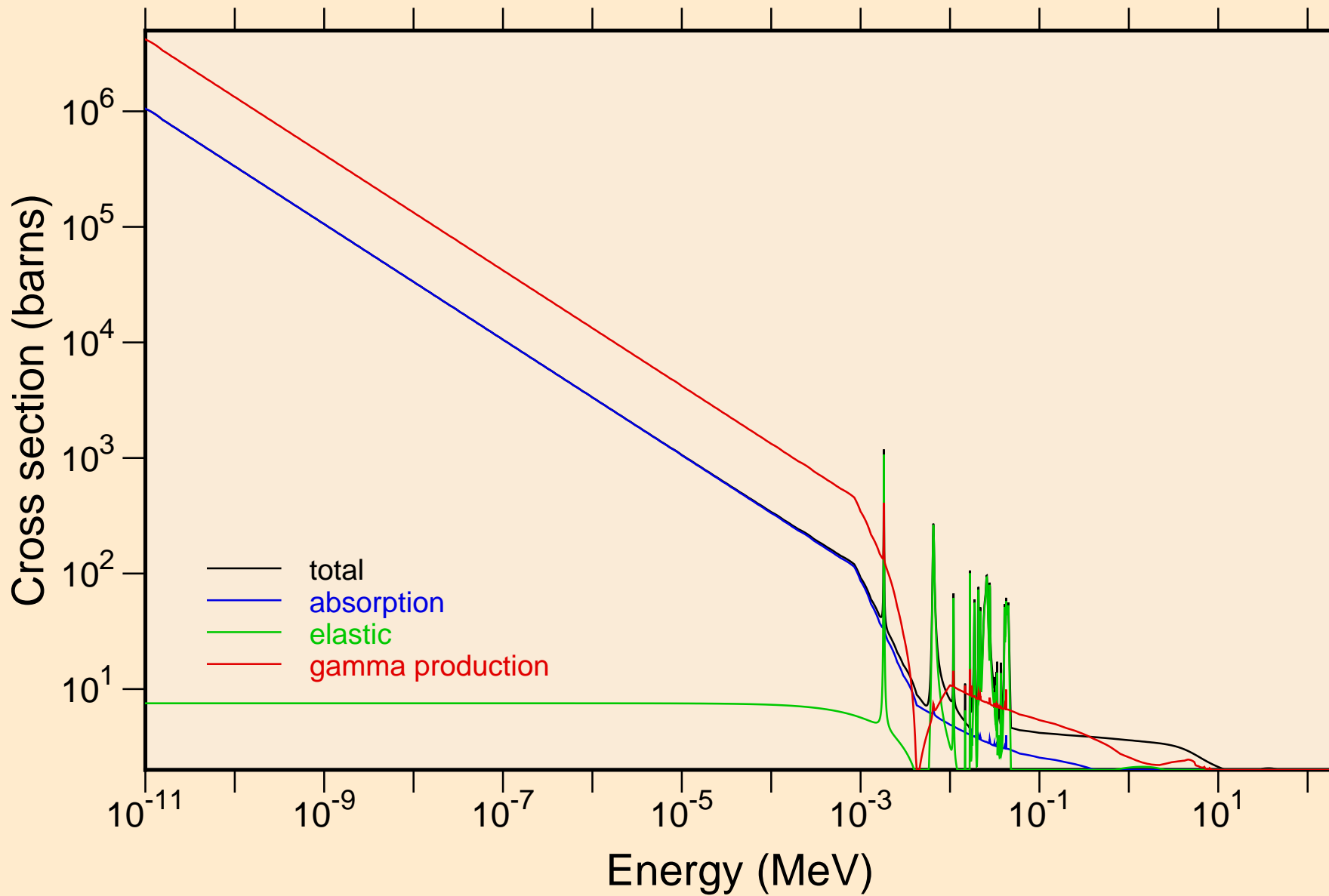
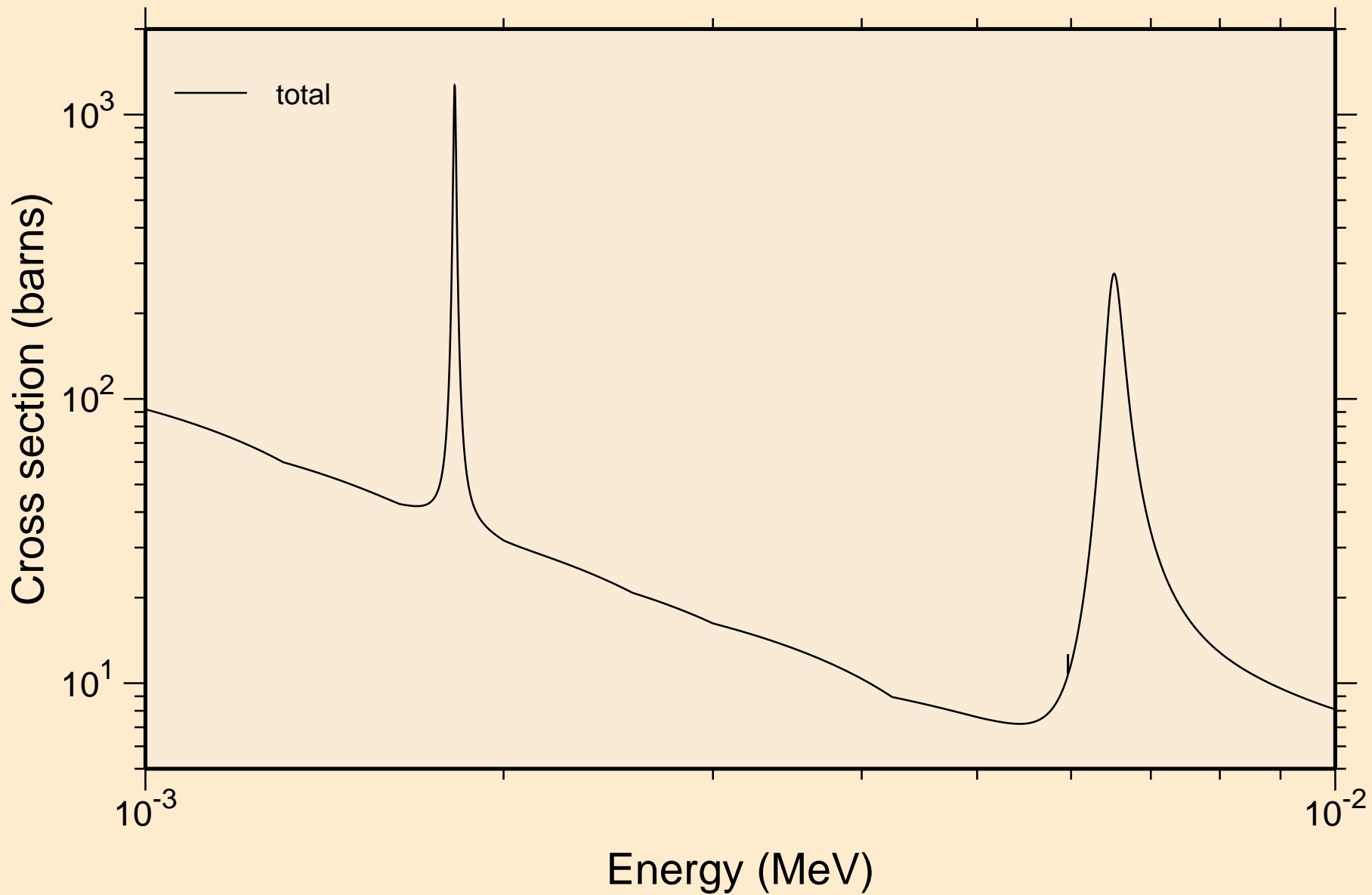


# CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

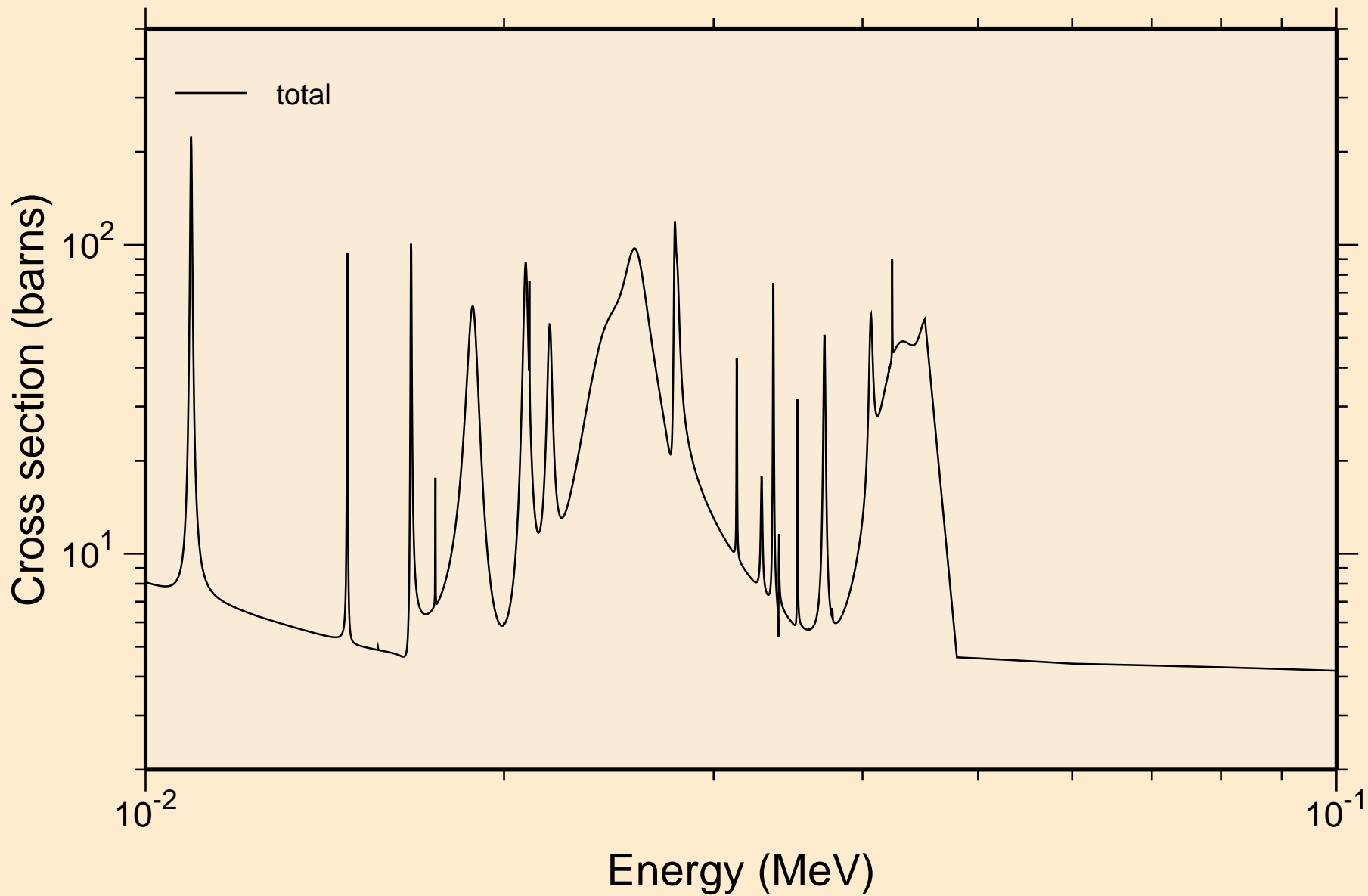
## Principal cross sections



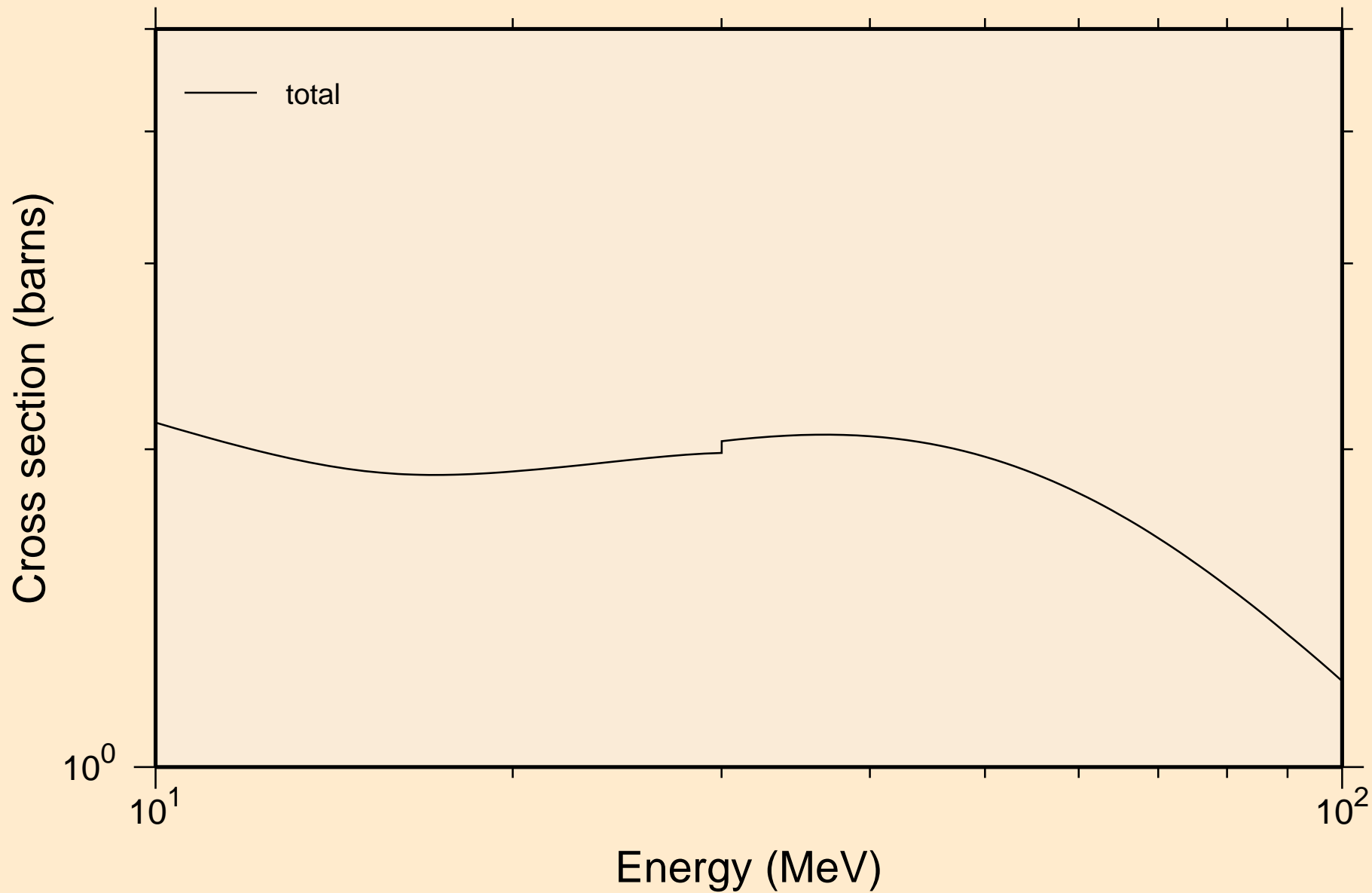
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



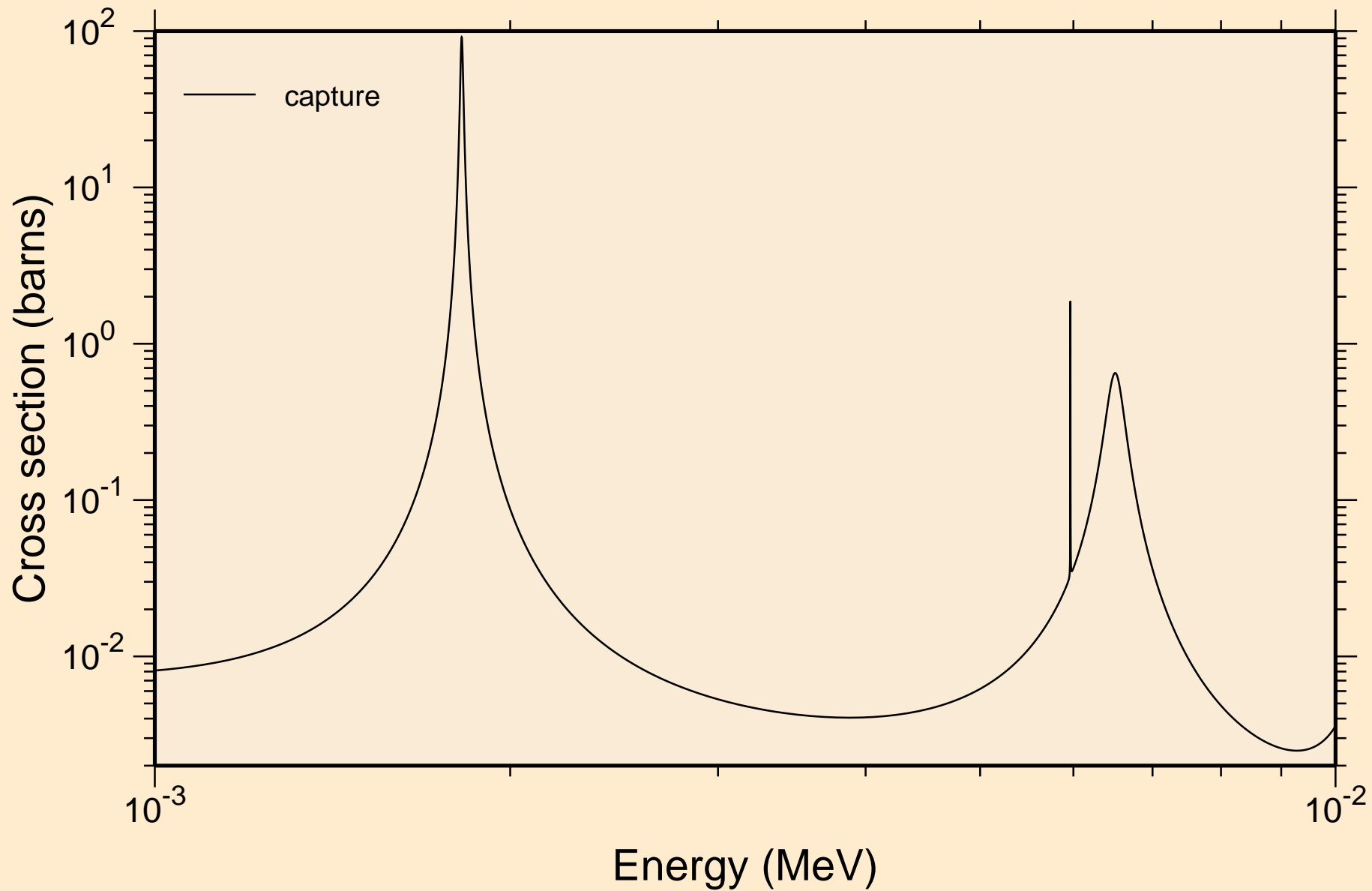
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



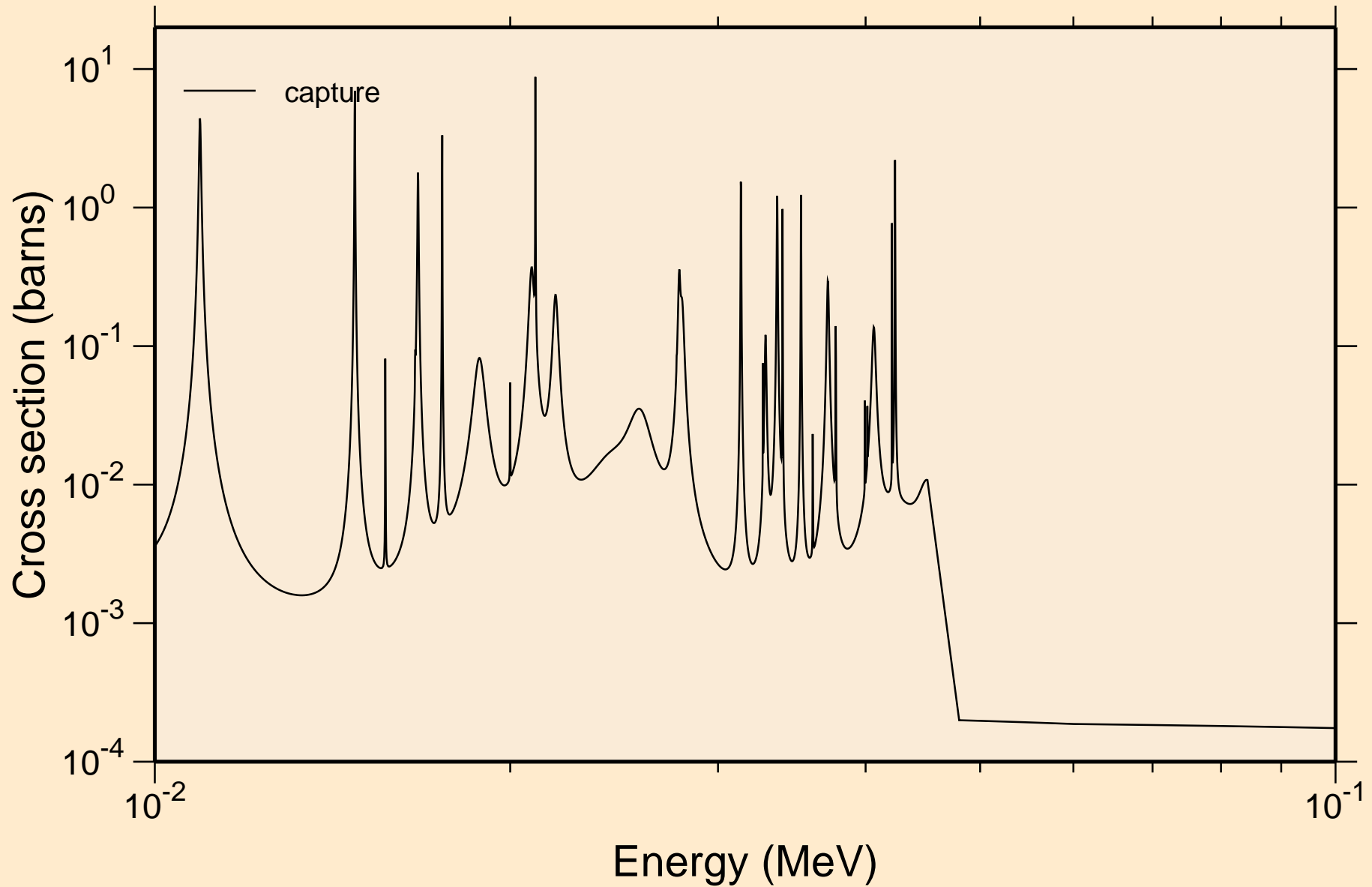
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



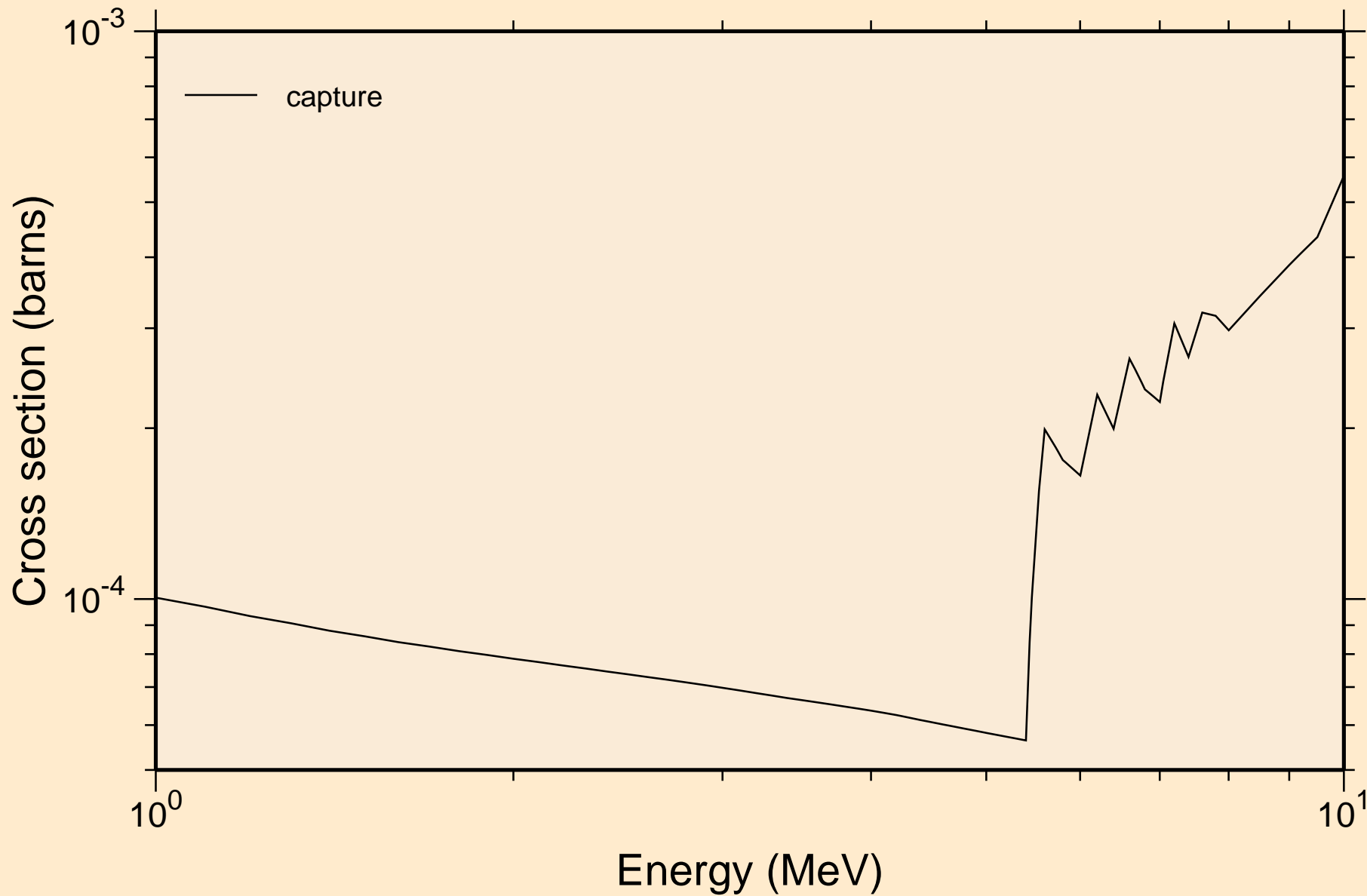
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

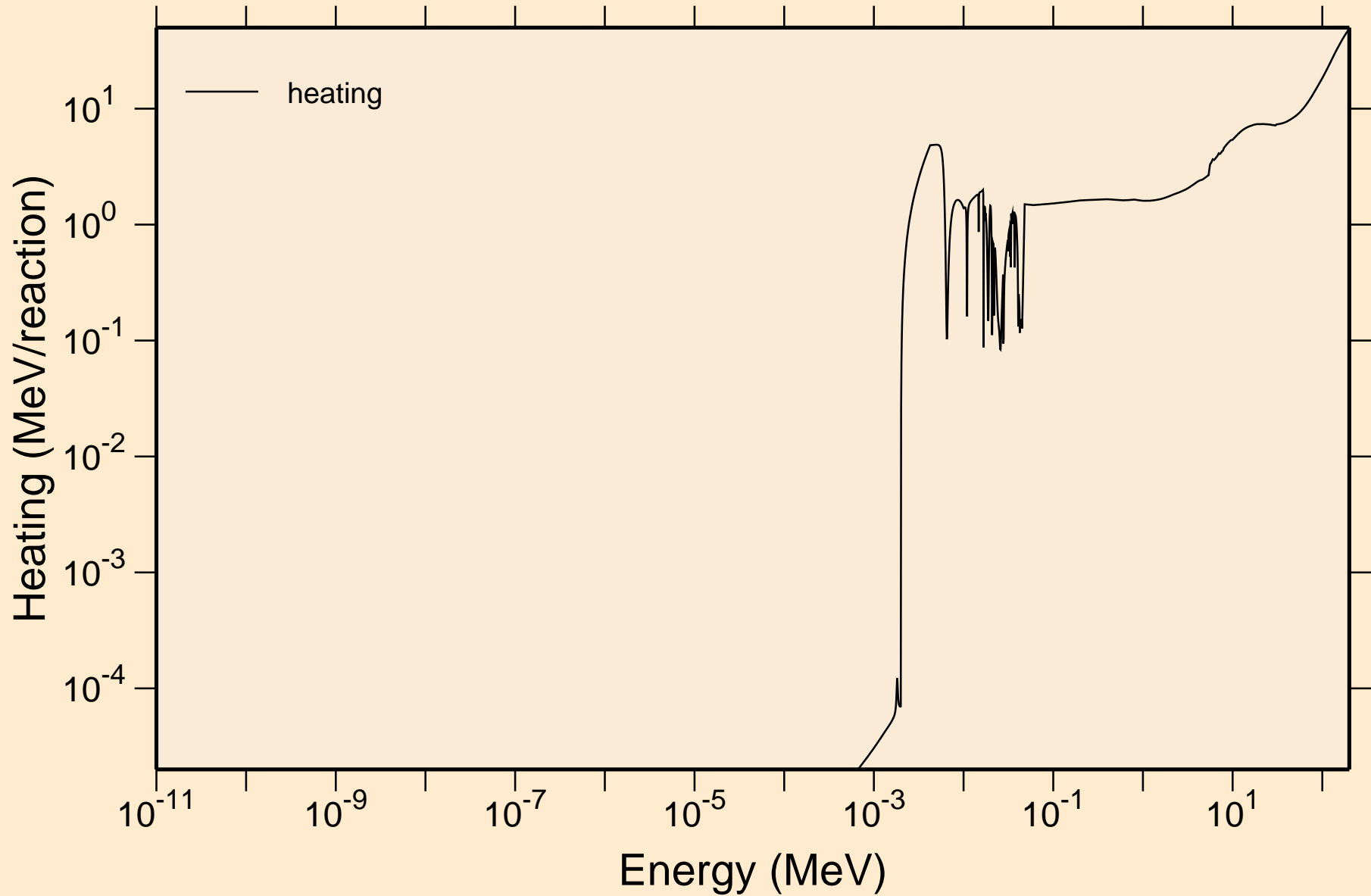


CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



# CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

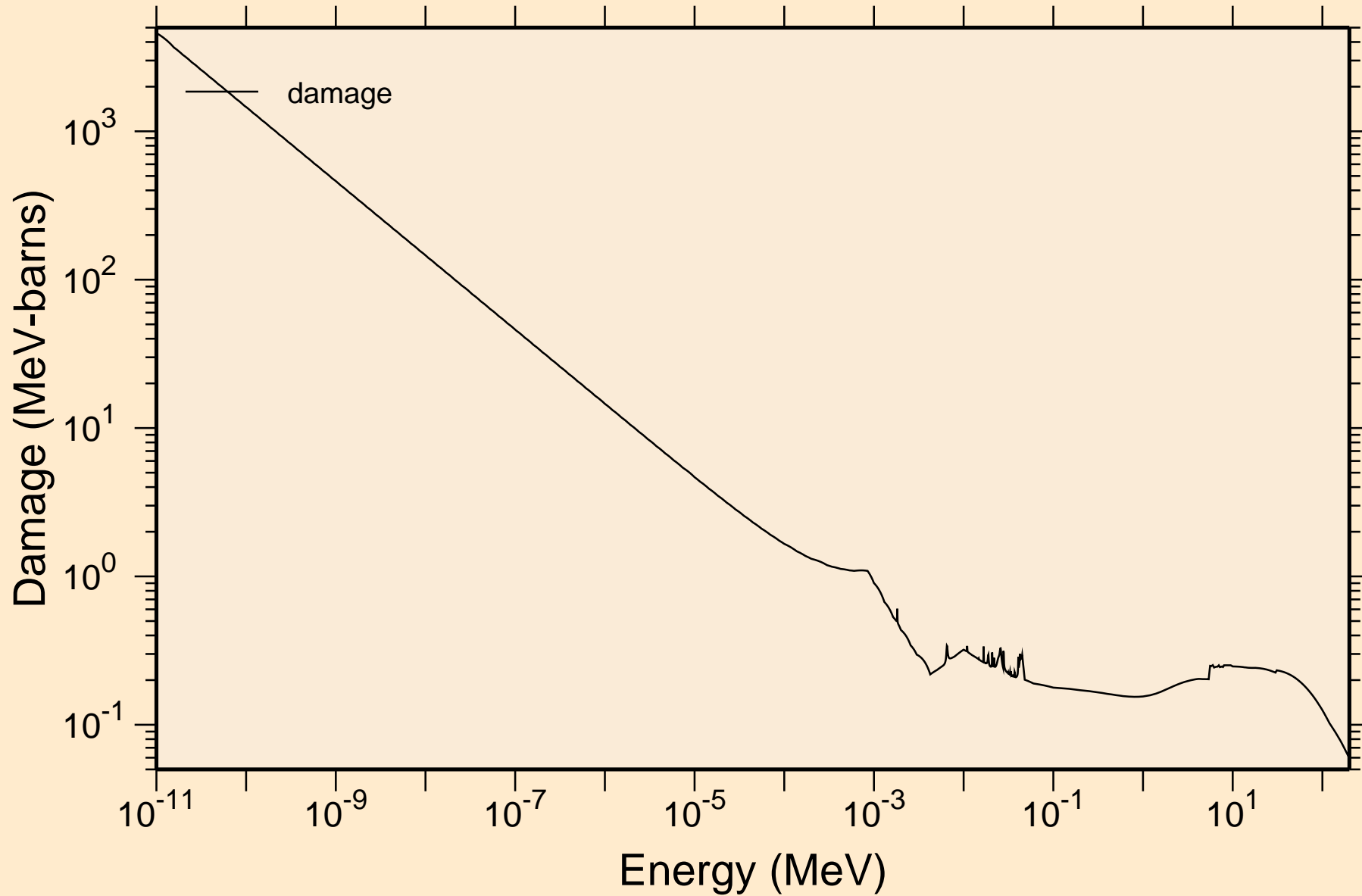
## Heating





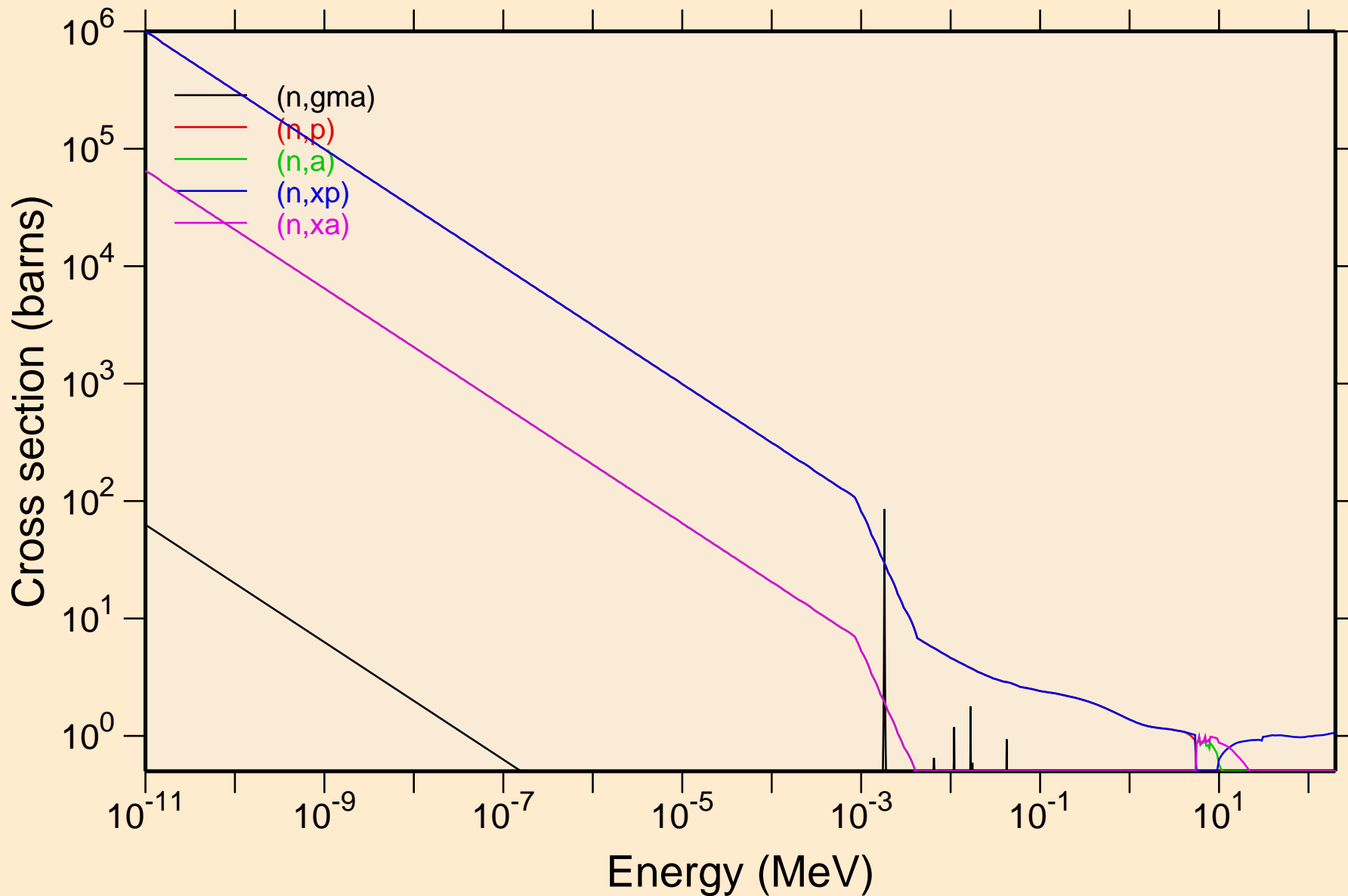
# CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



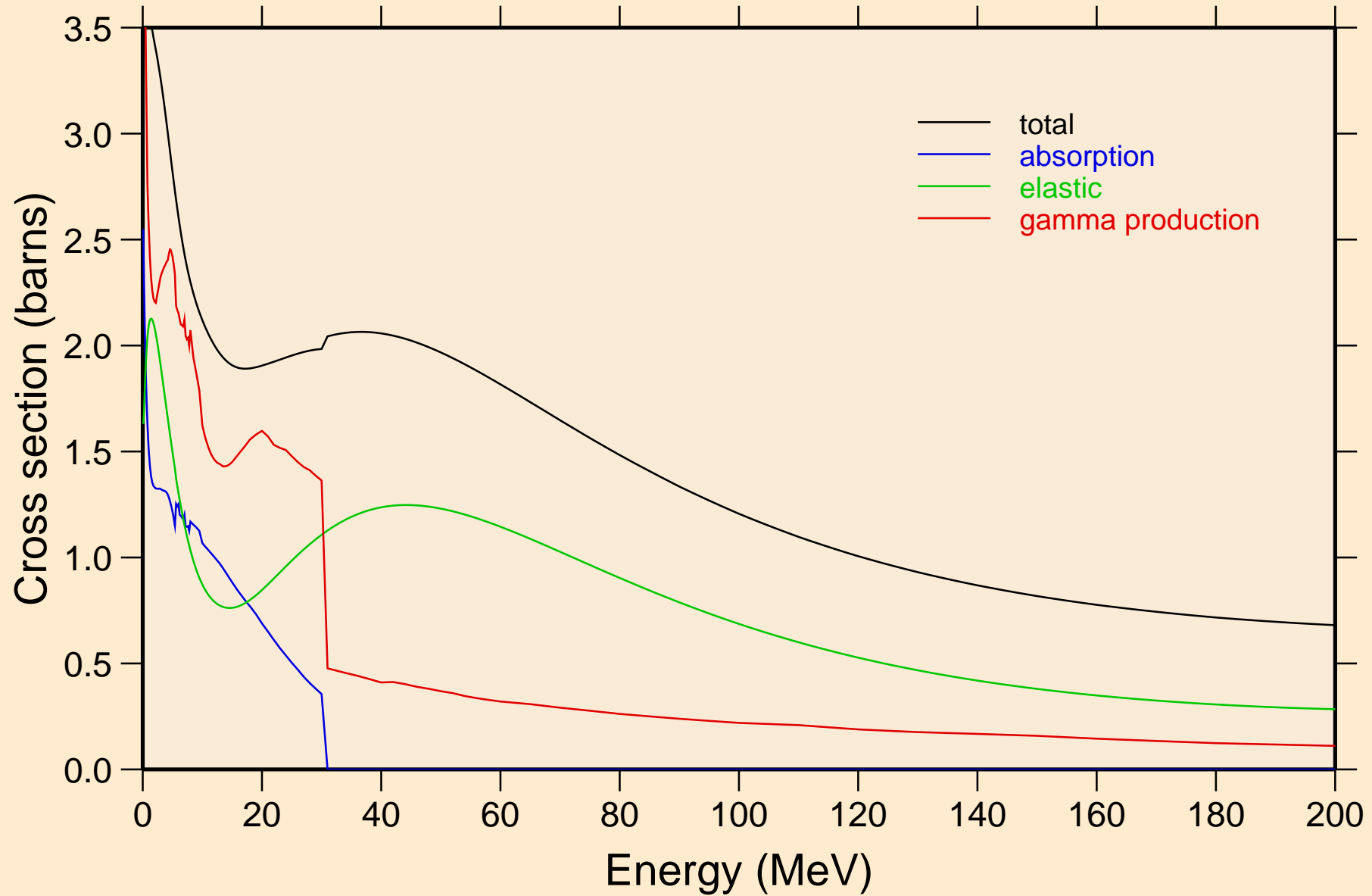
# CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



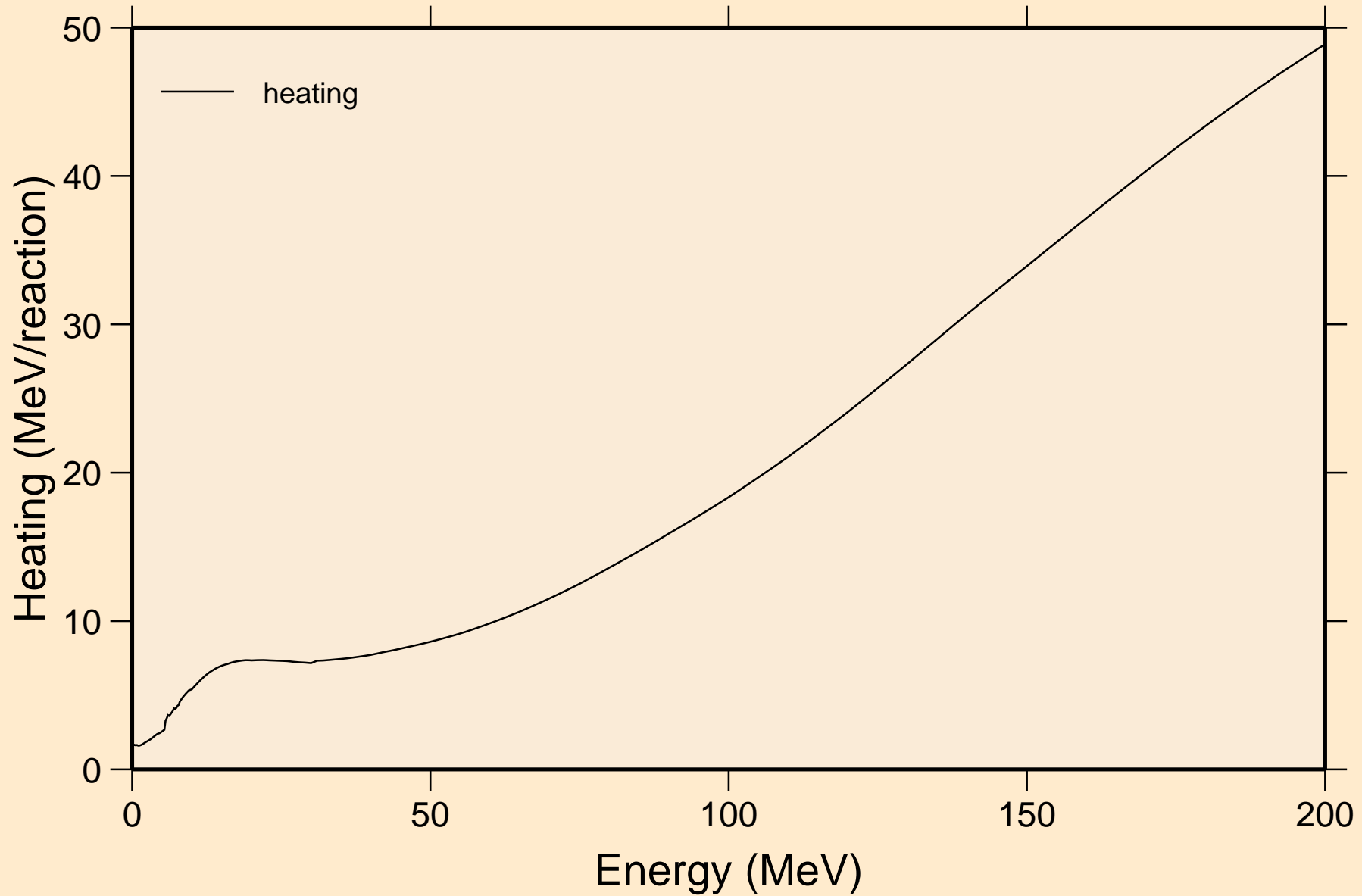
# CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



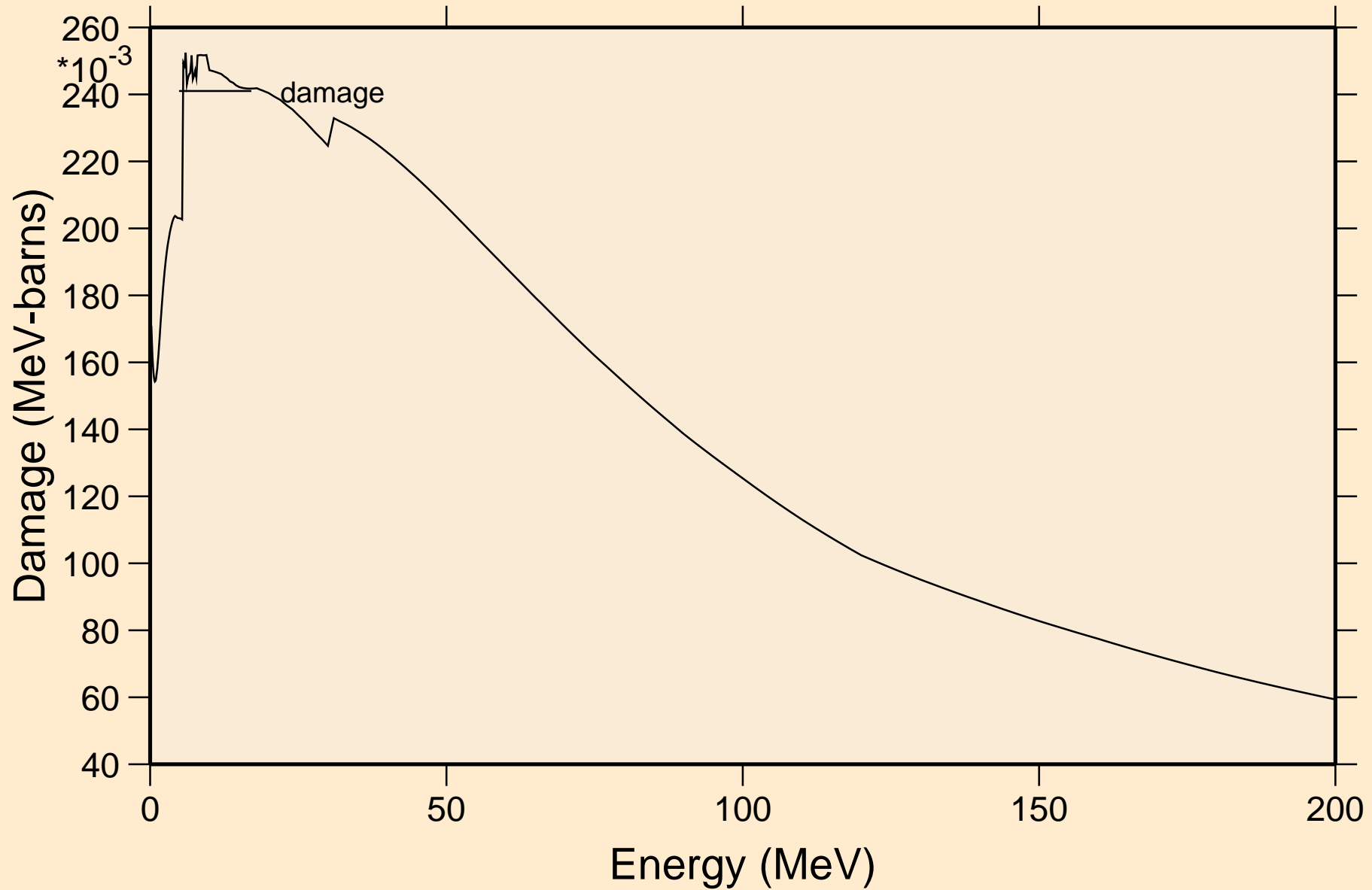
# CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



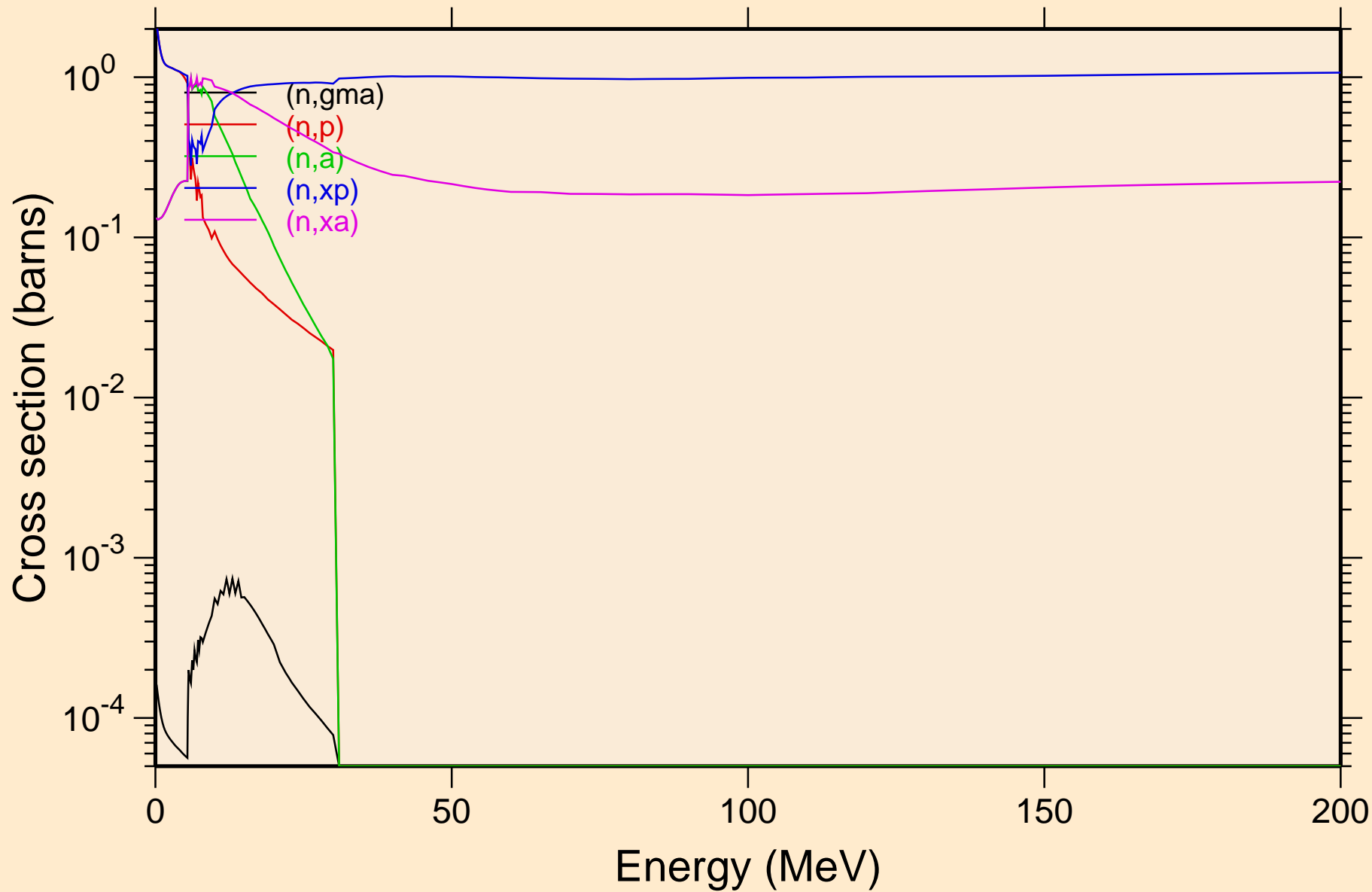
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## Damage

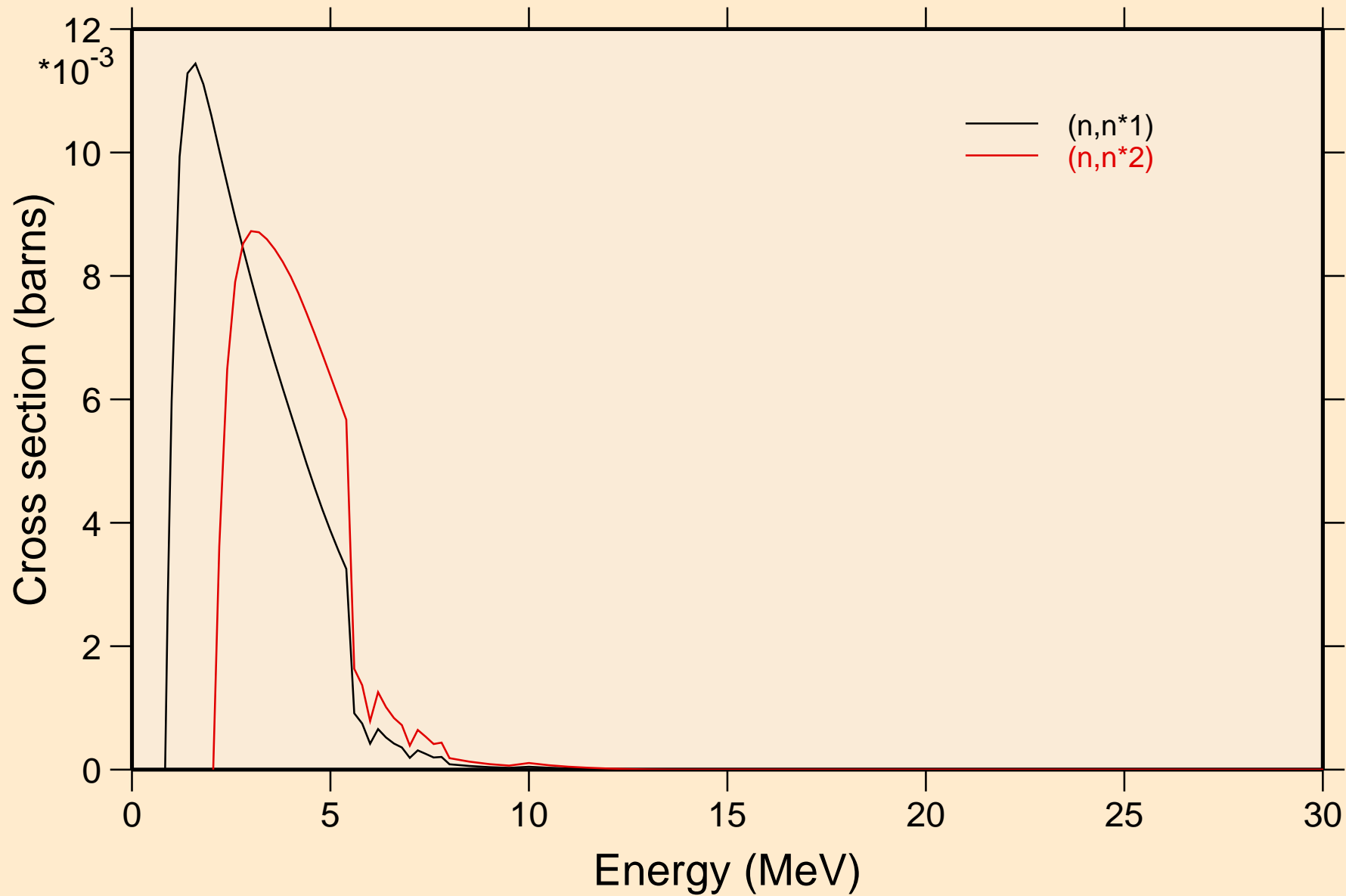


# CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

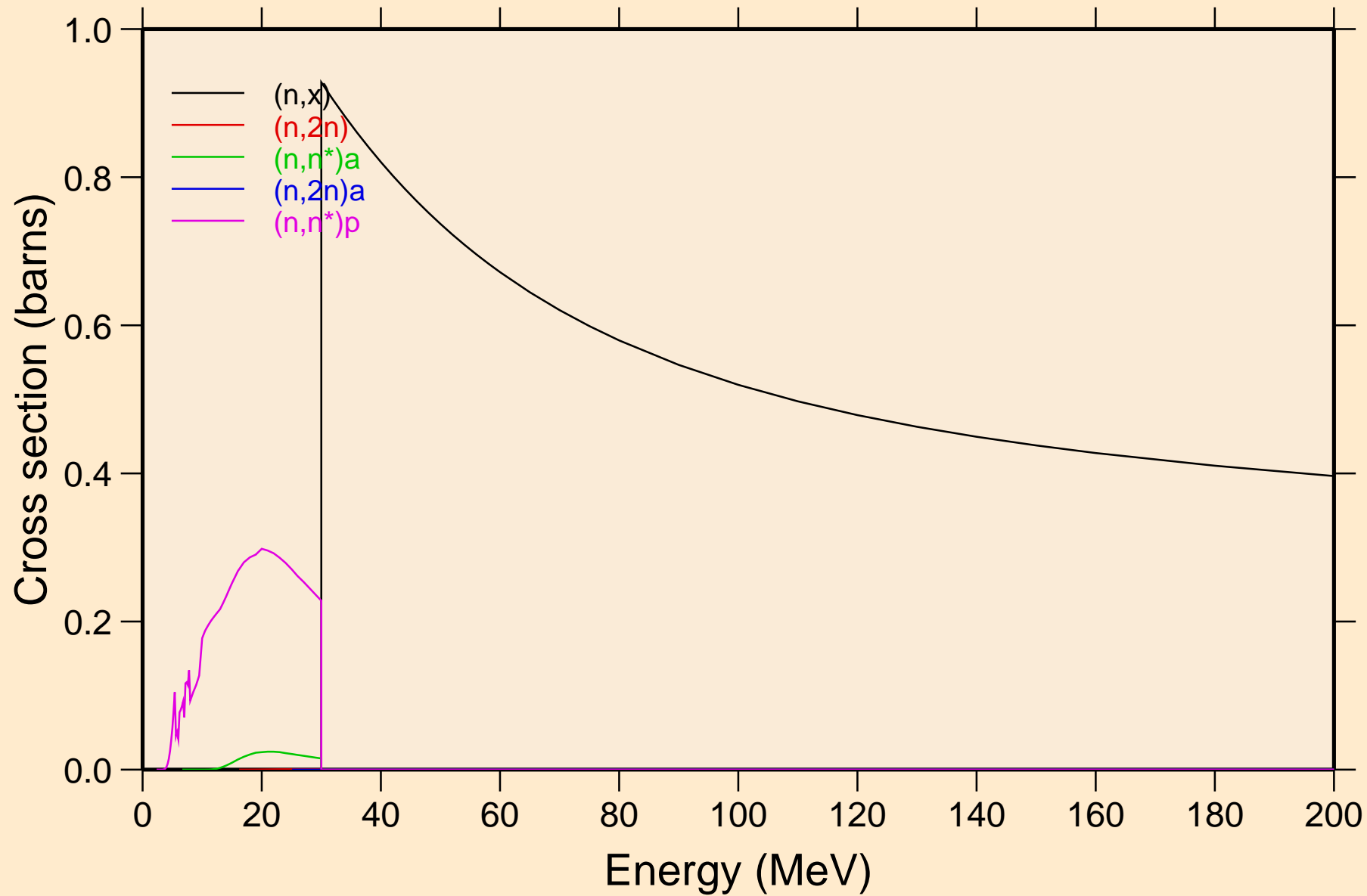
## Non-threshold reactions



CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



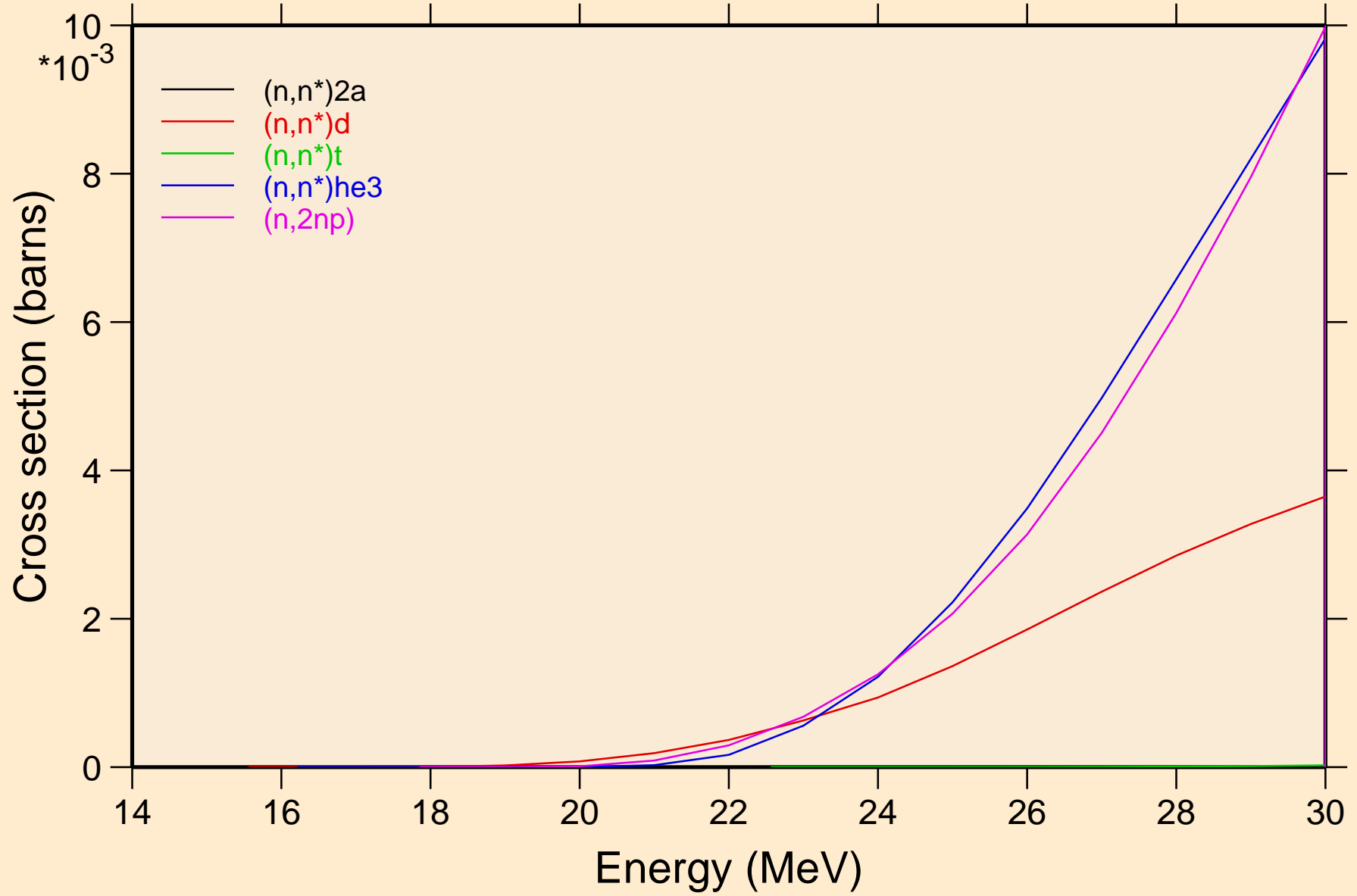
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions





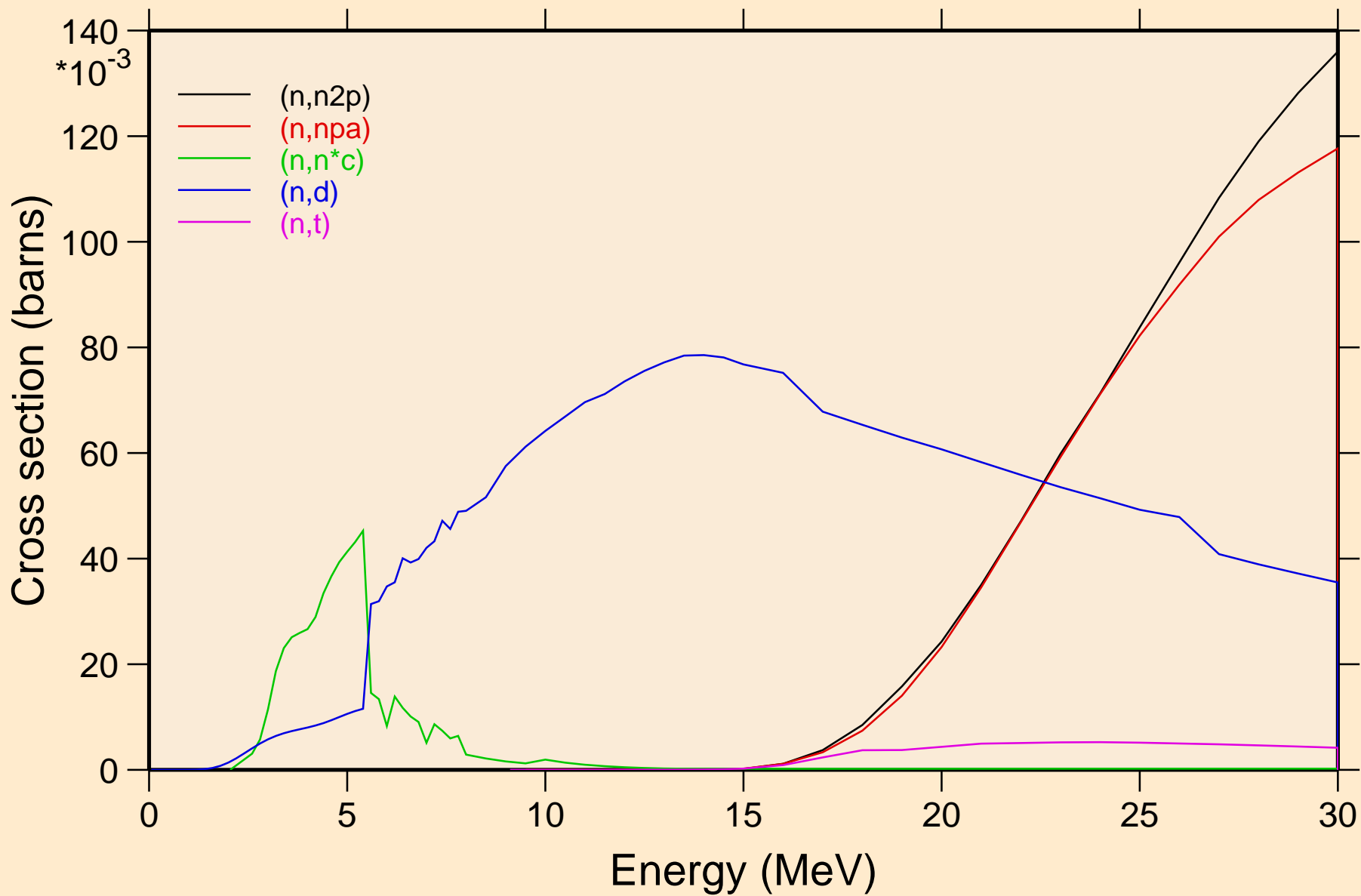
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## Threshold reactions

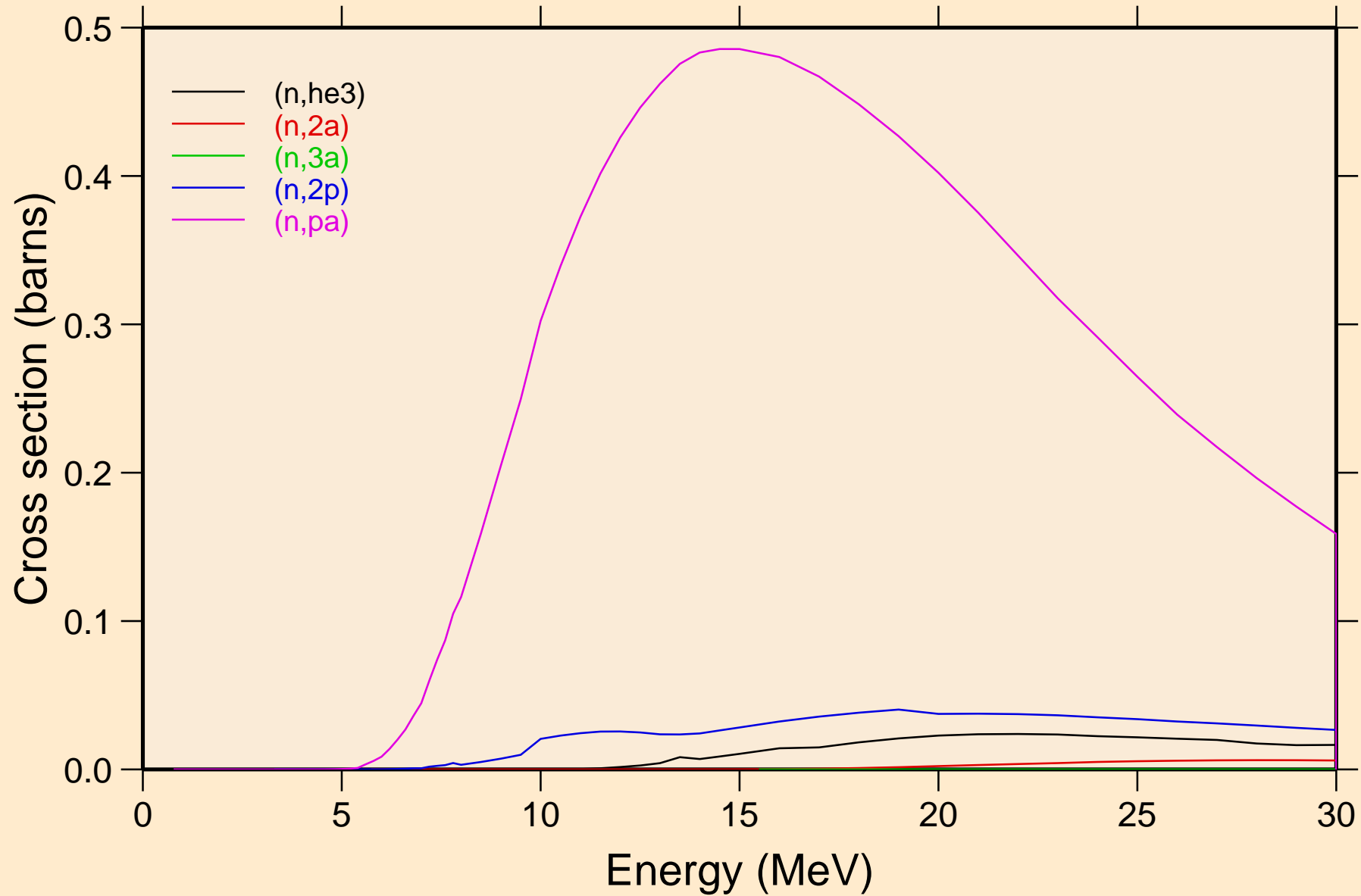


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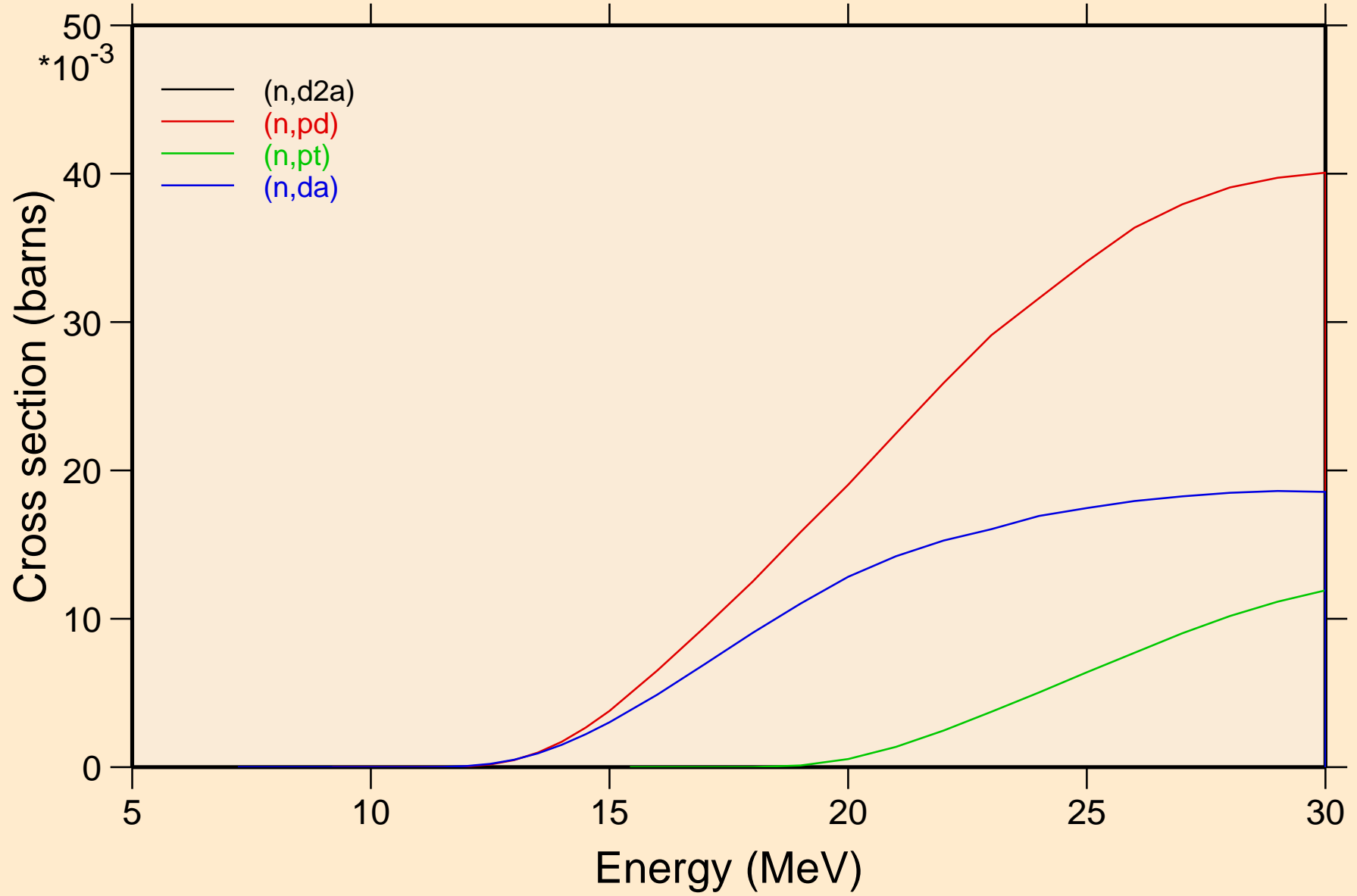
## Threshold reactions



CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

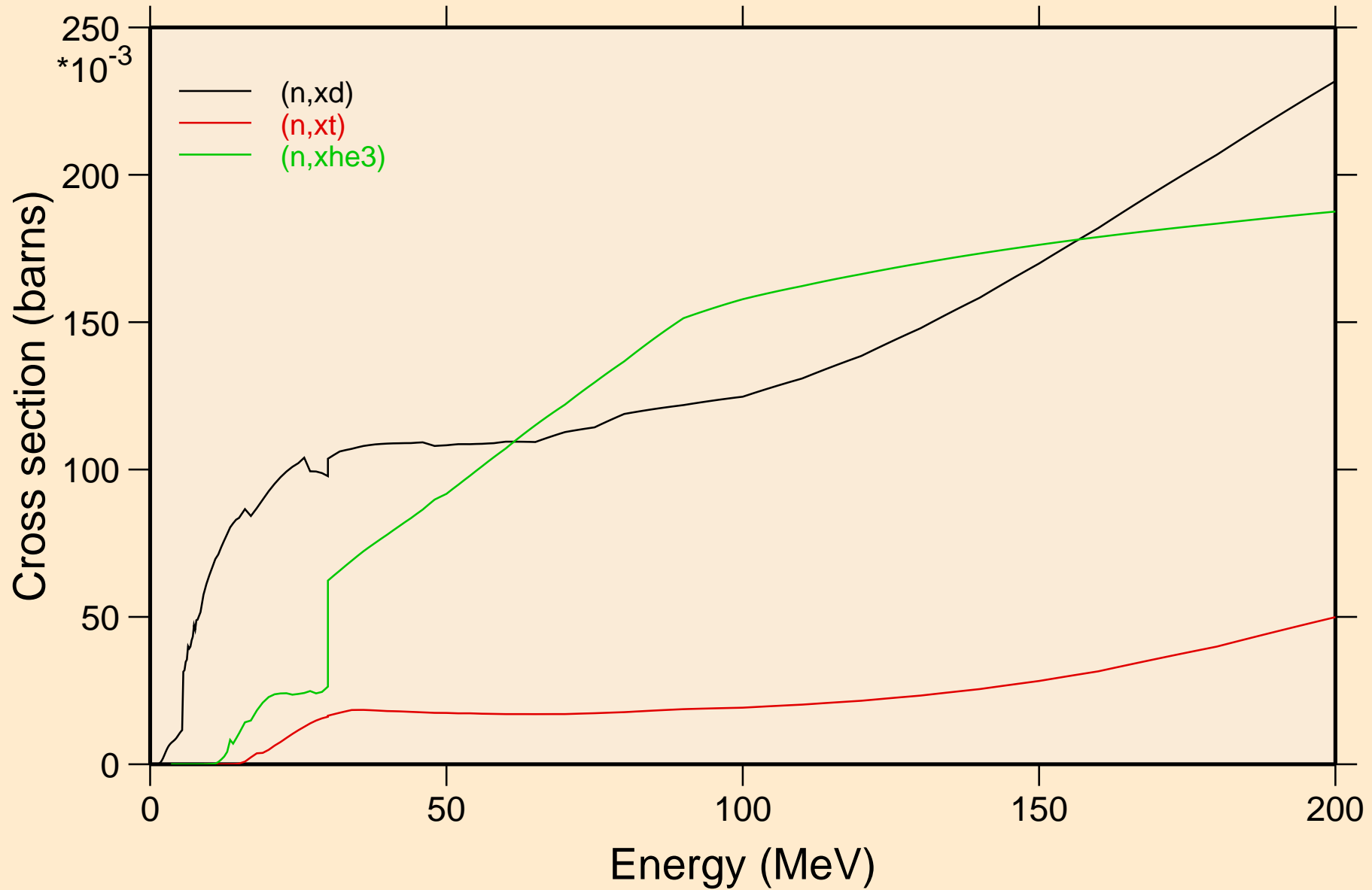


CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

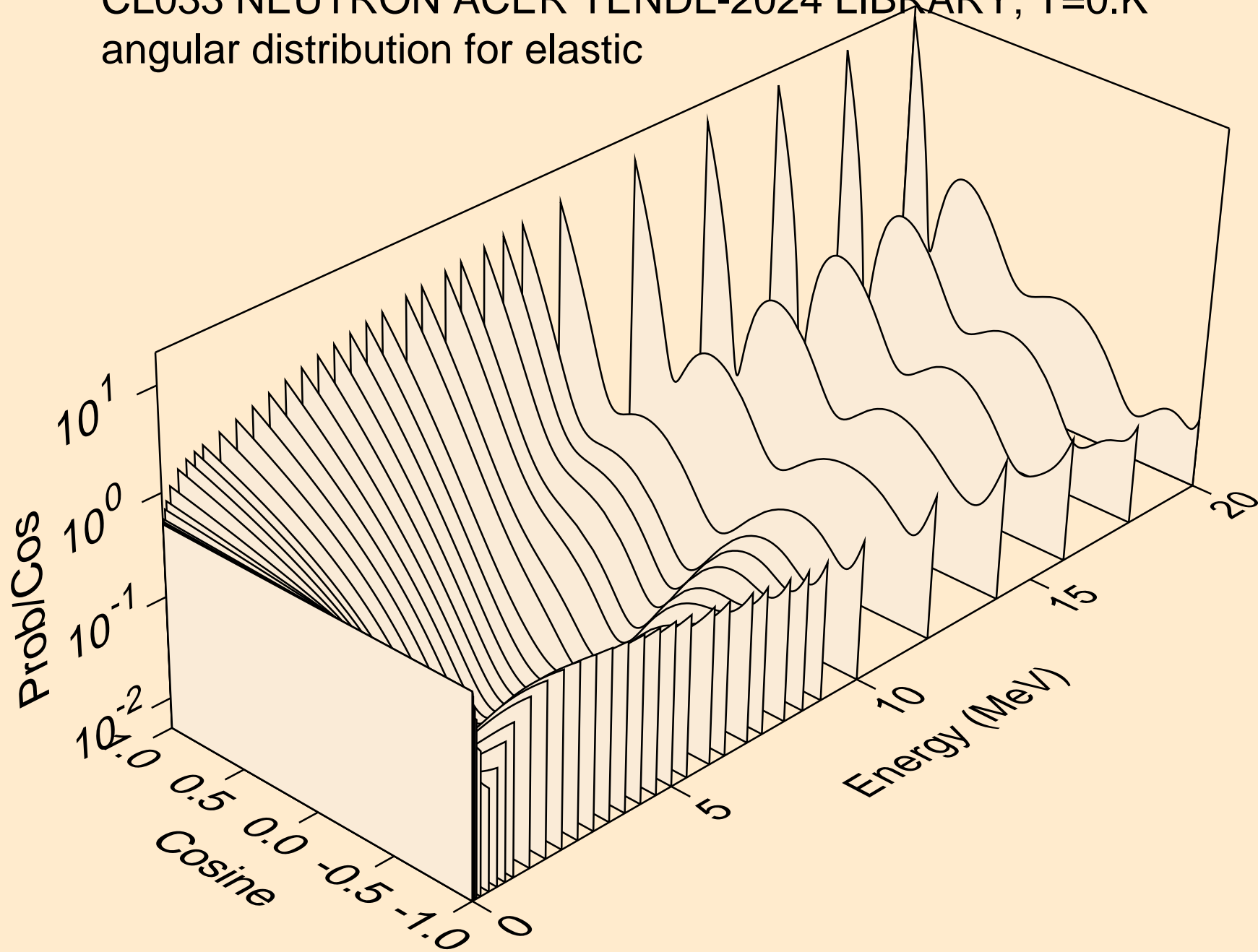


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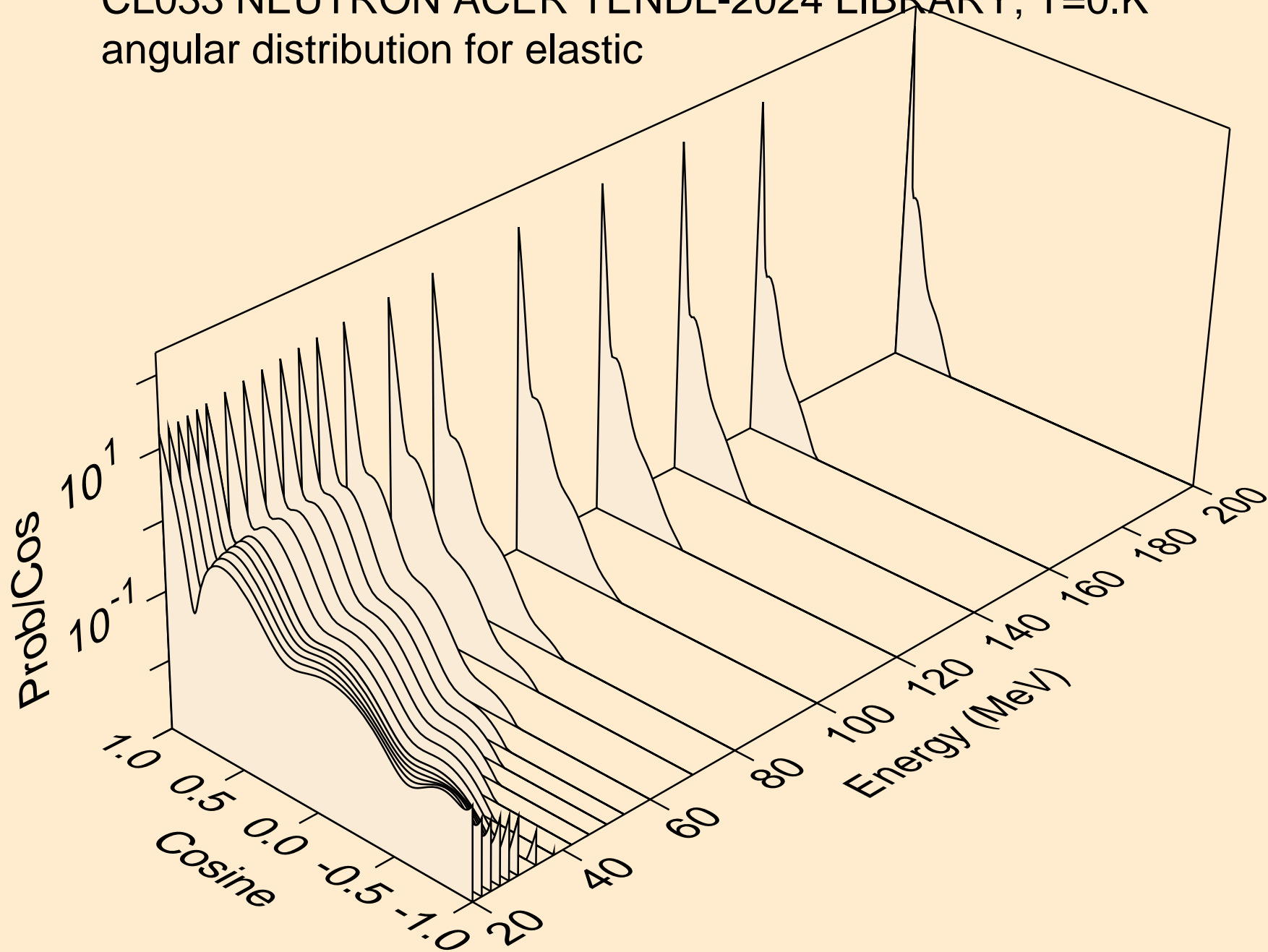
## Threshold reactions



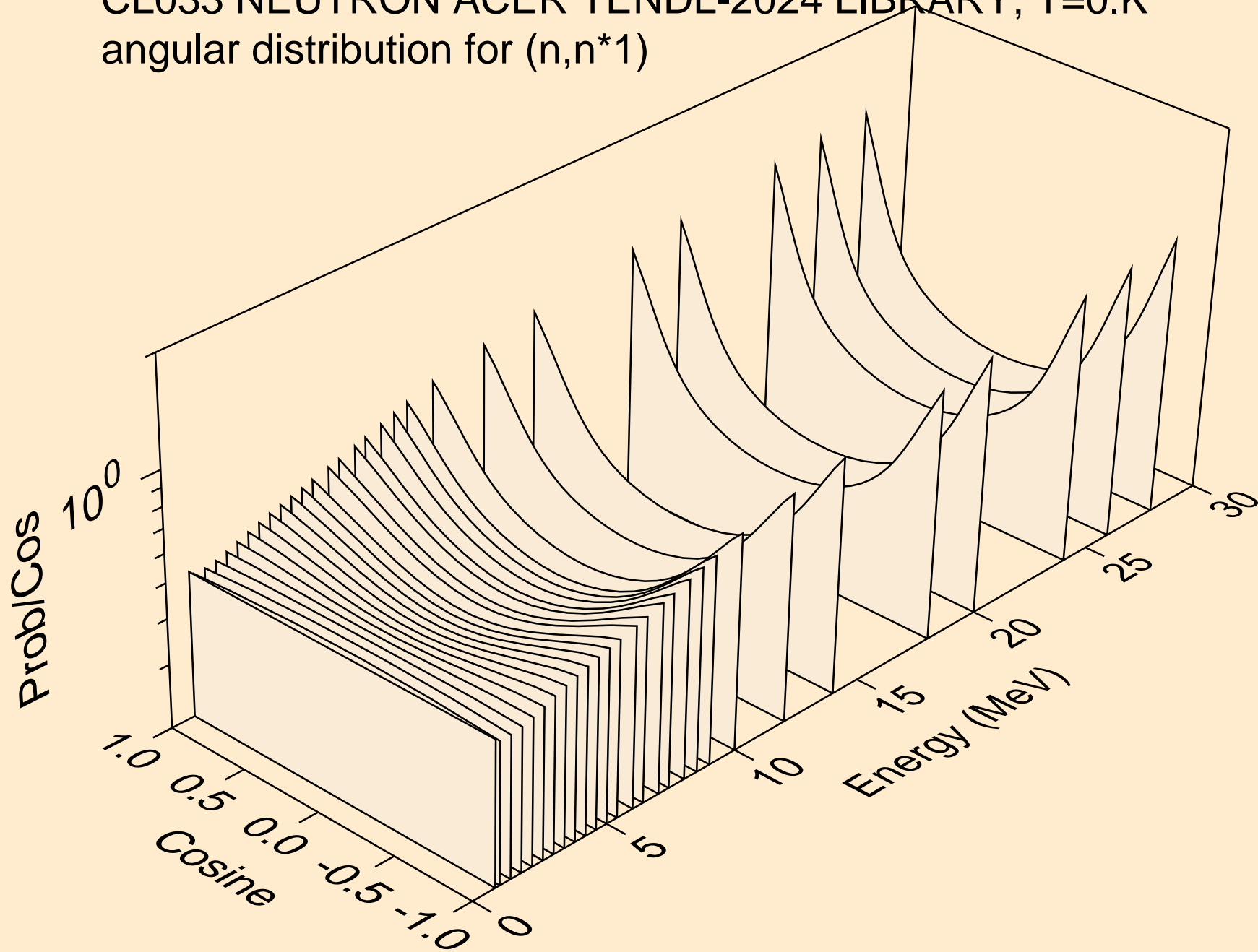
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

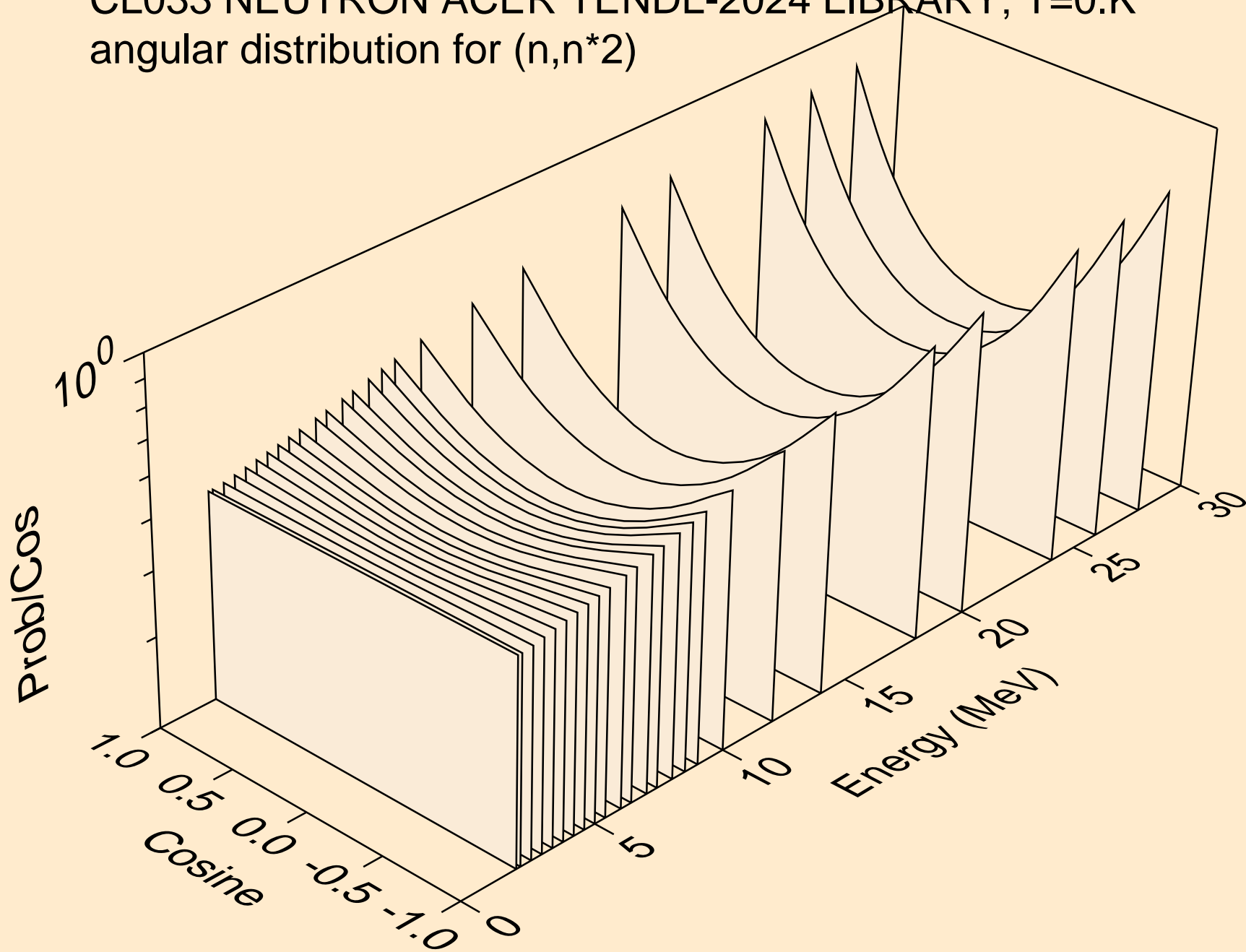


CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

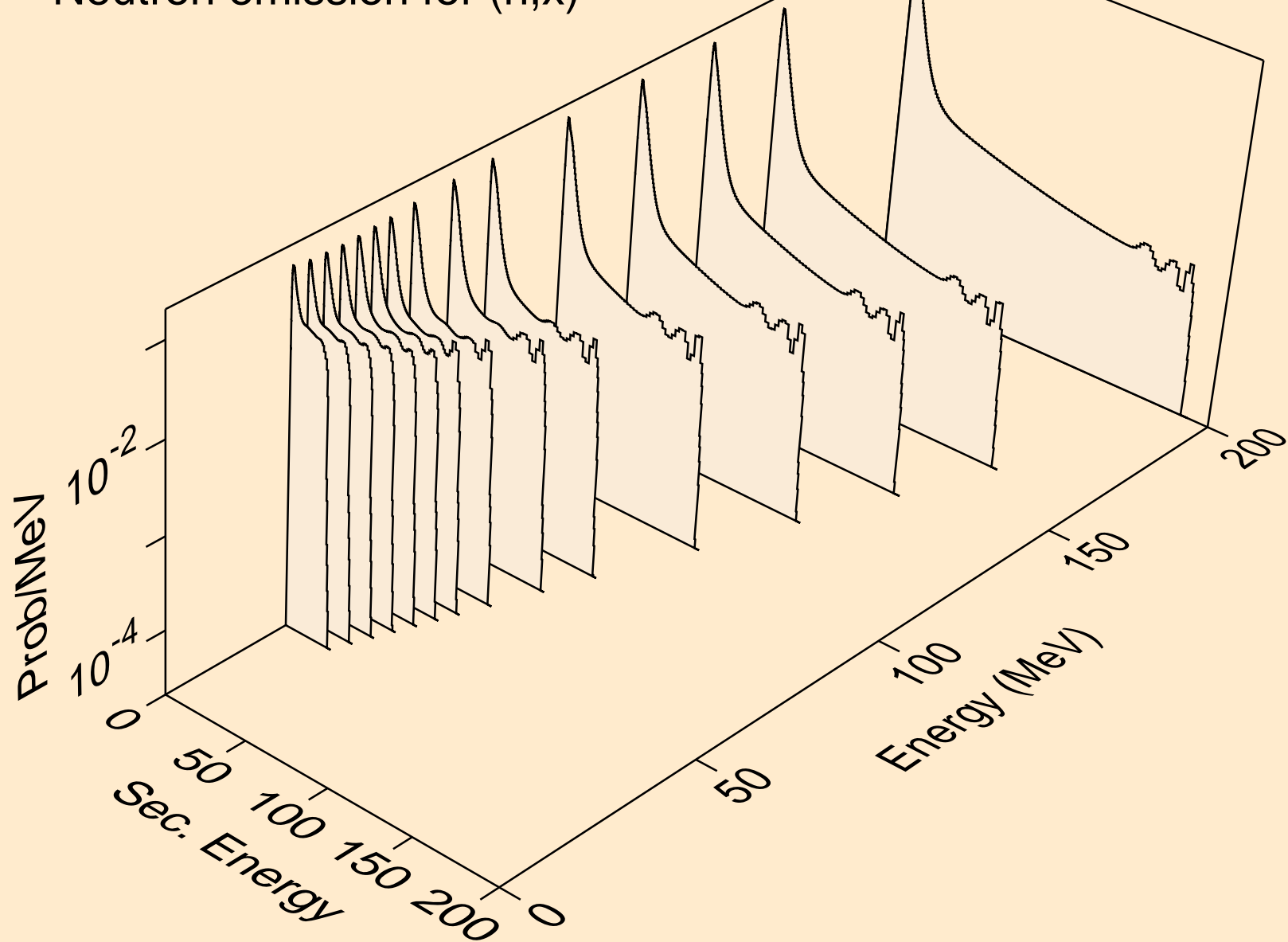




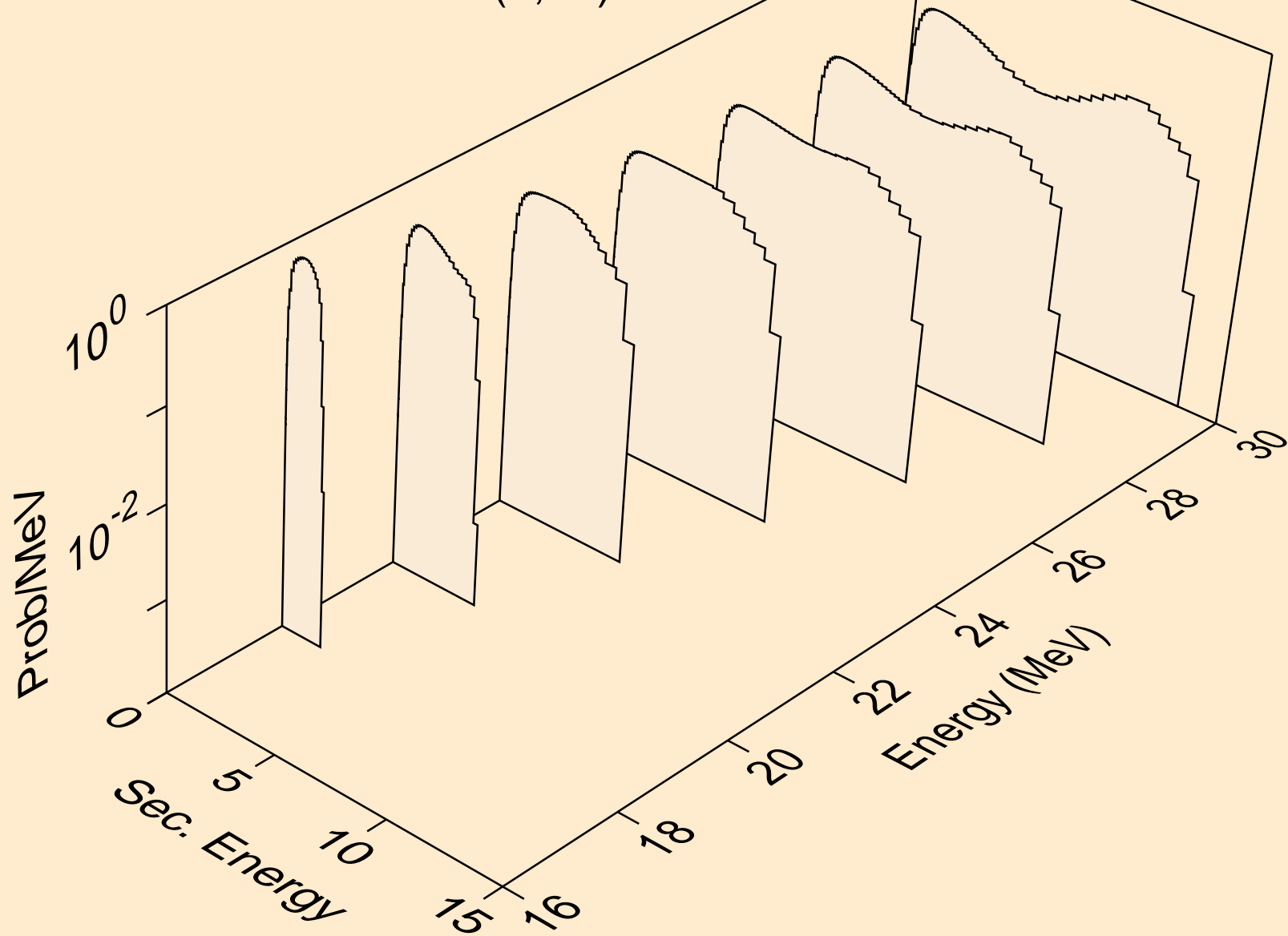
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angular distribution for (n,n\*2)



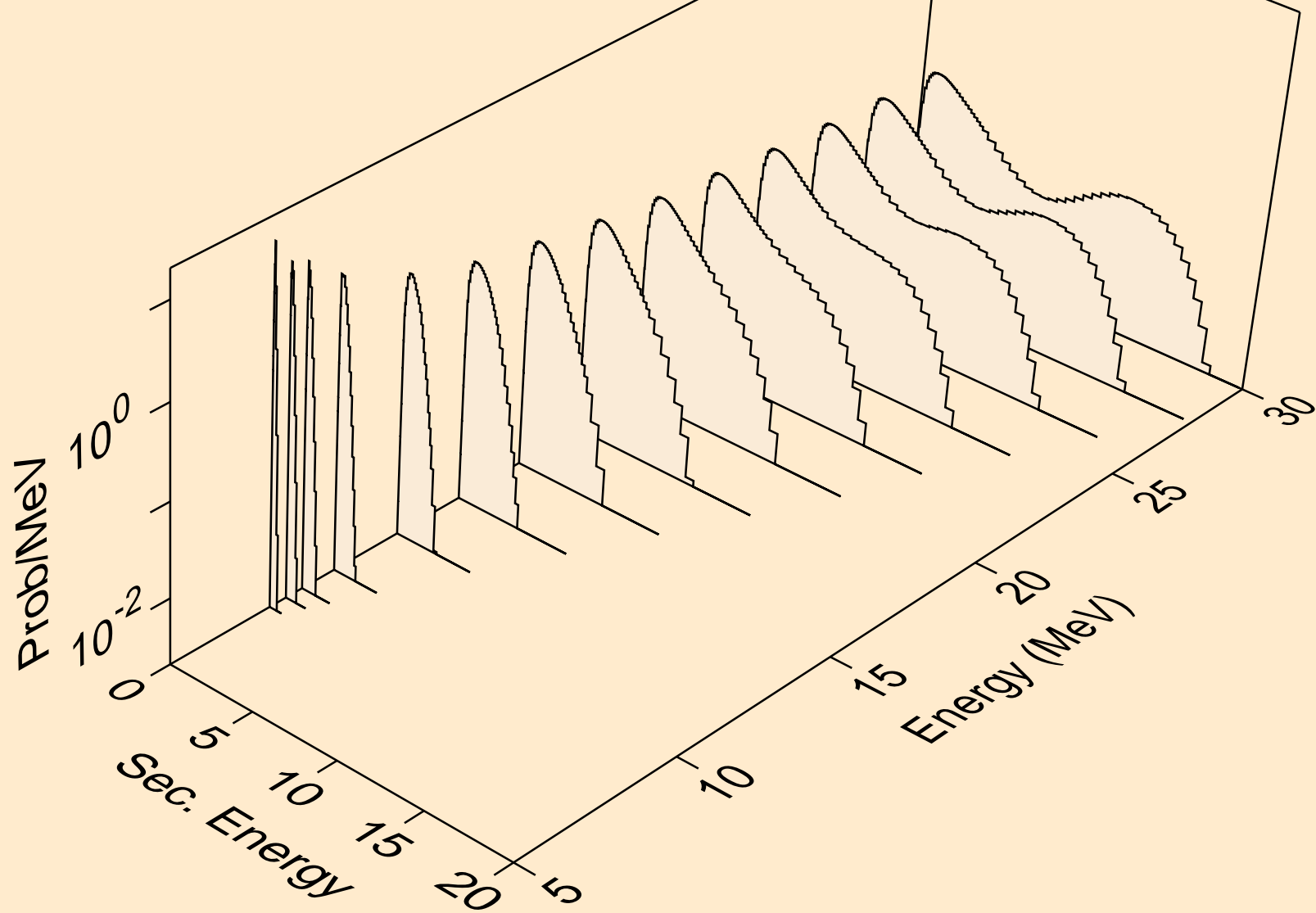
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



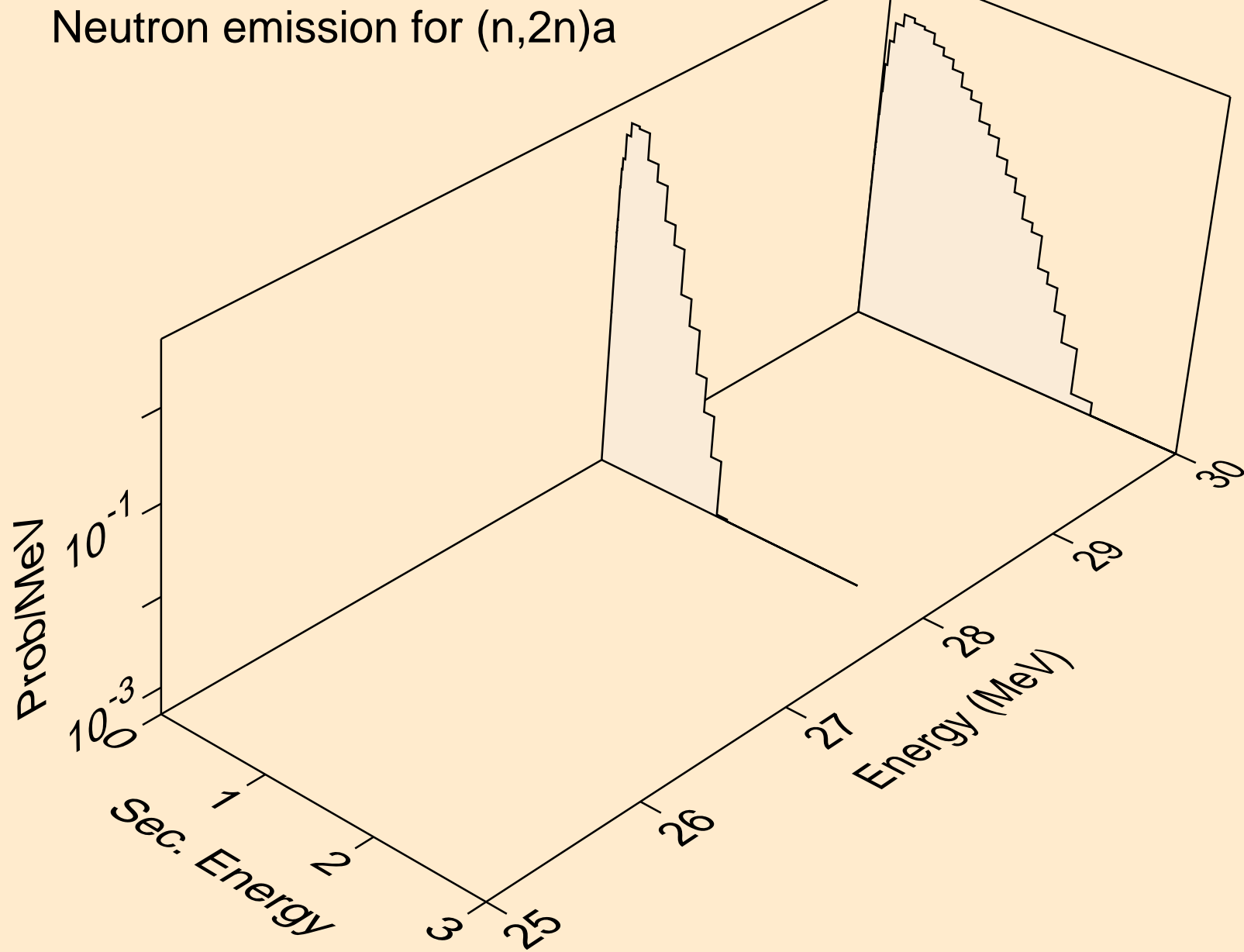
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



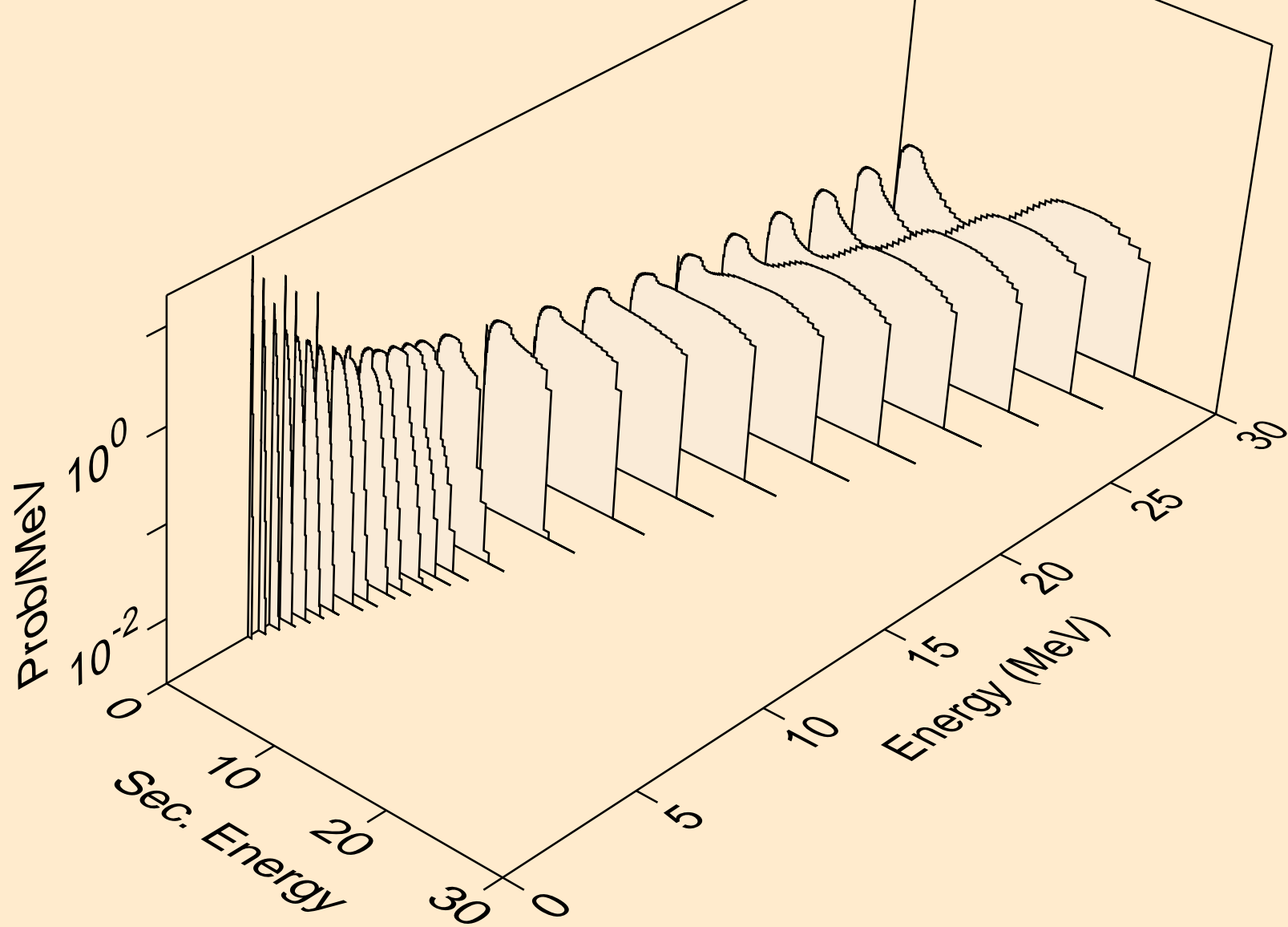
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



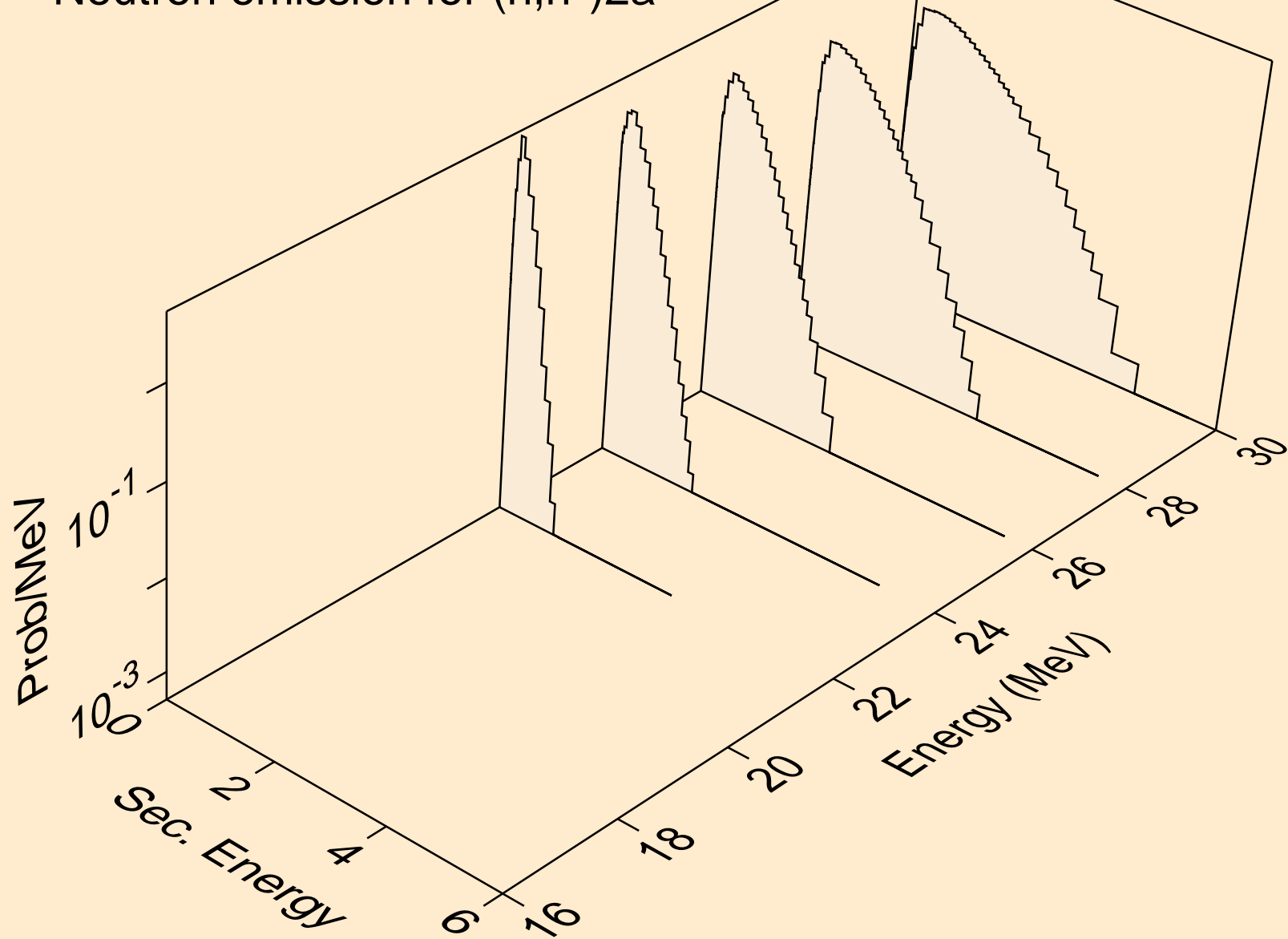
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



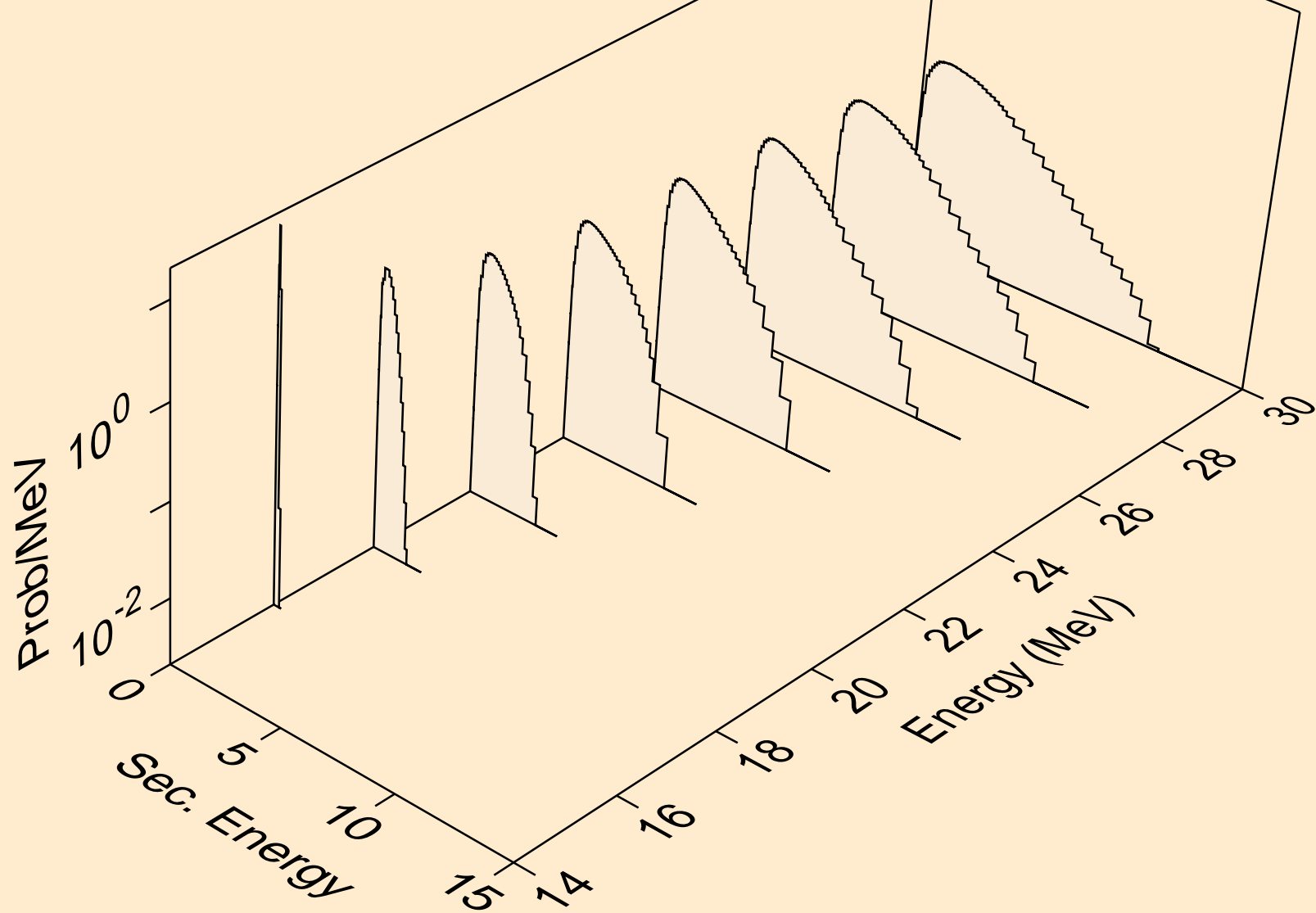
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

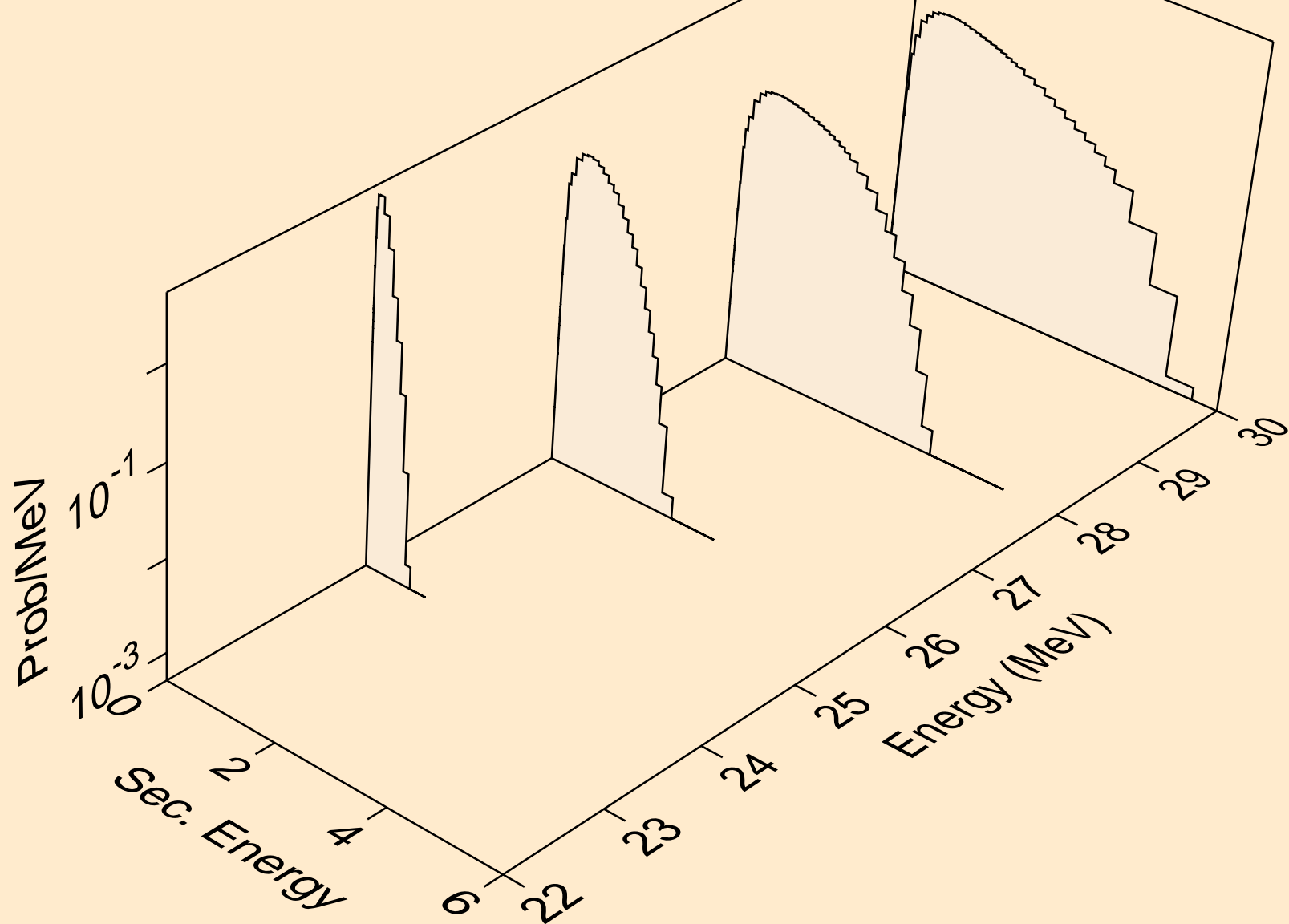


CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

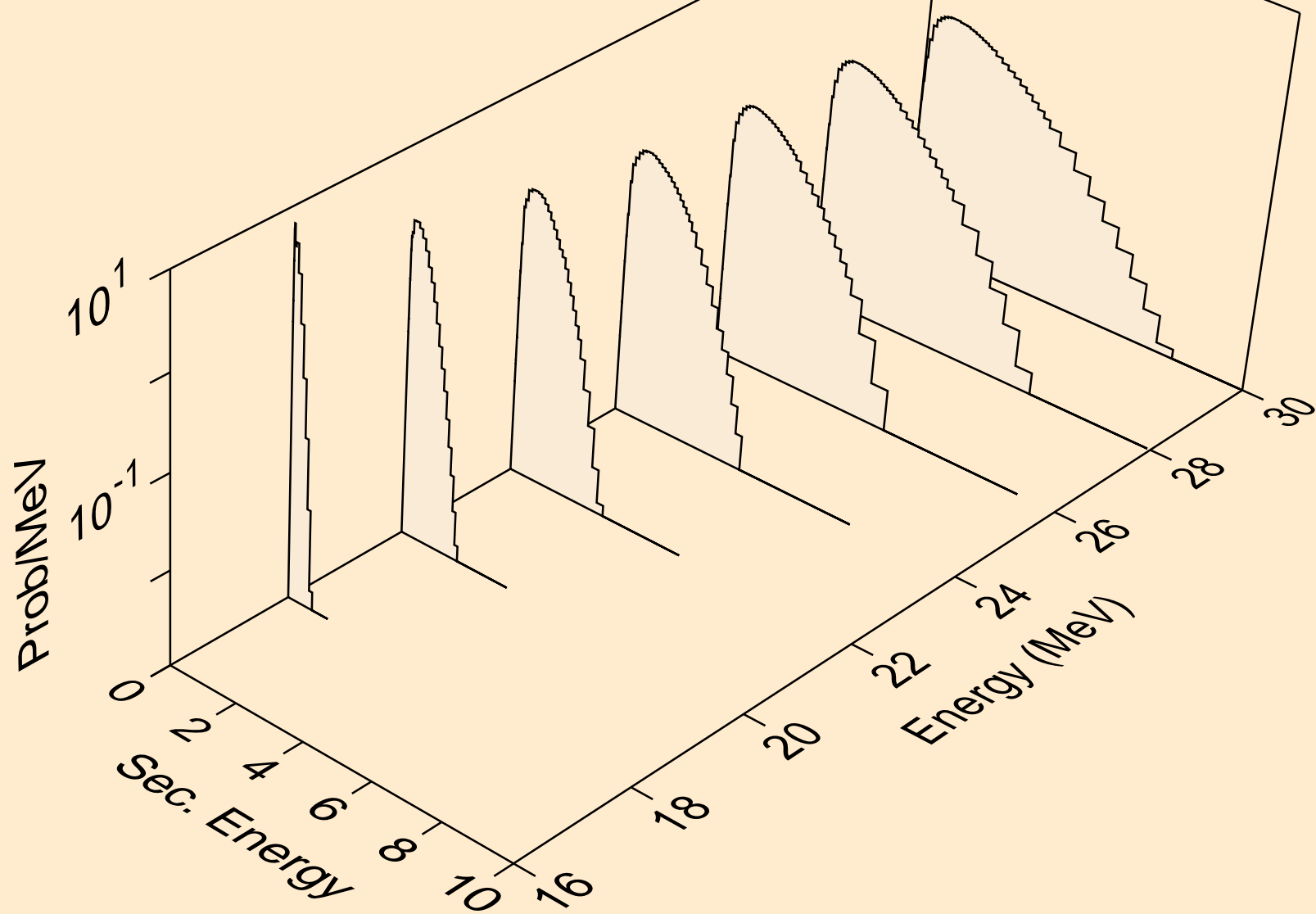




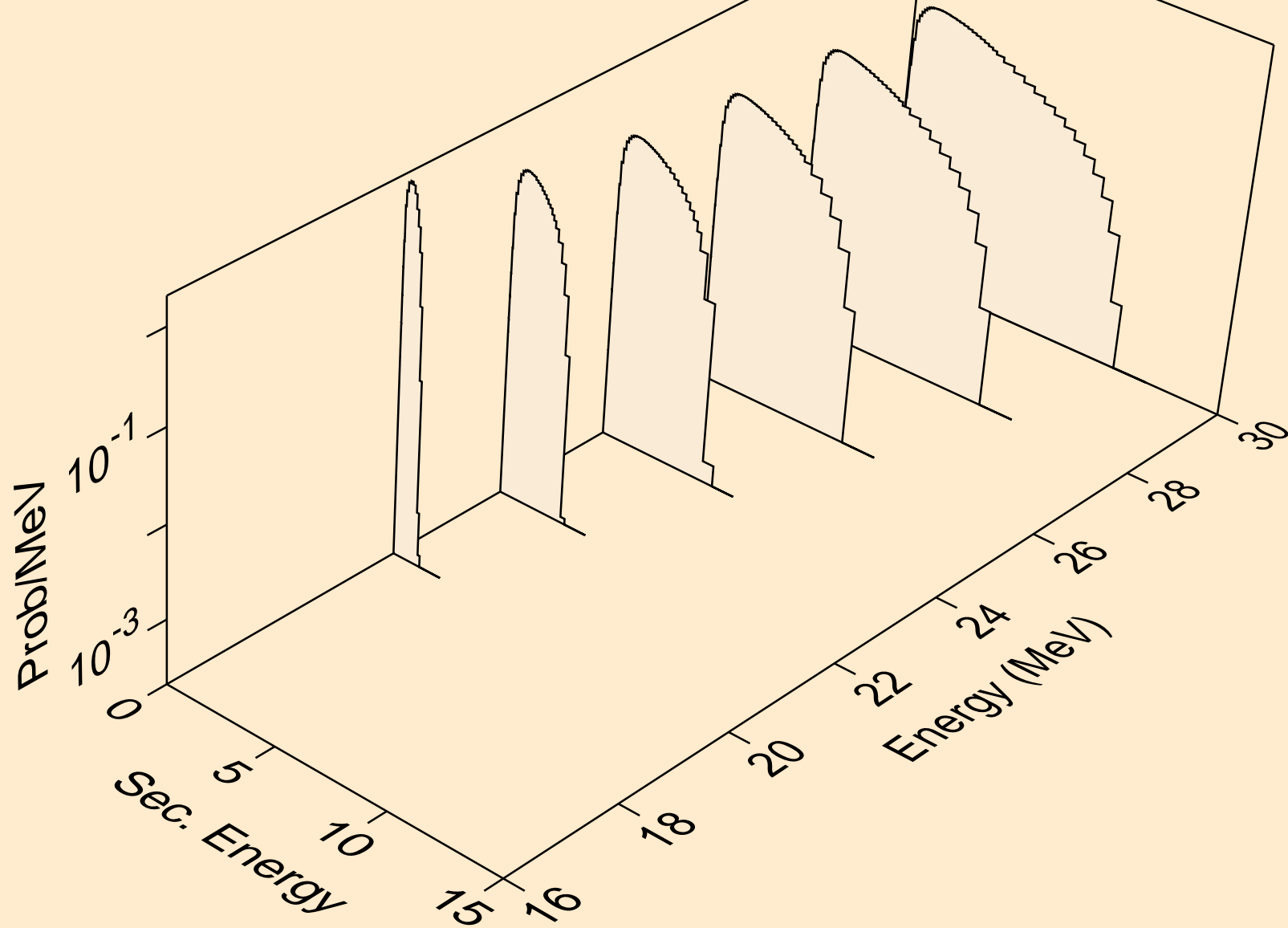
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



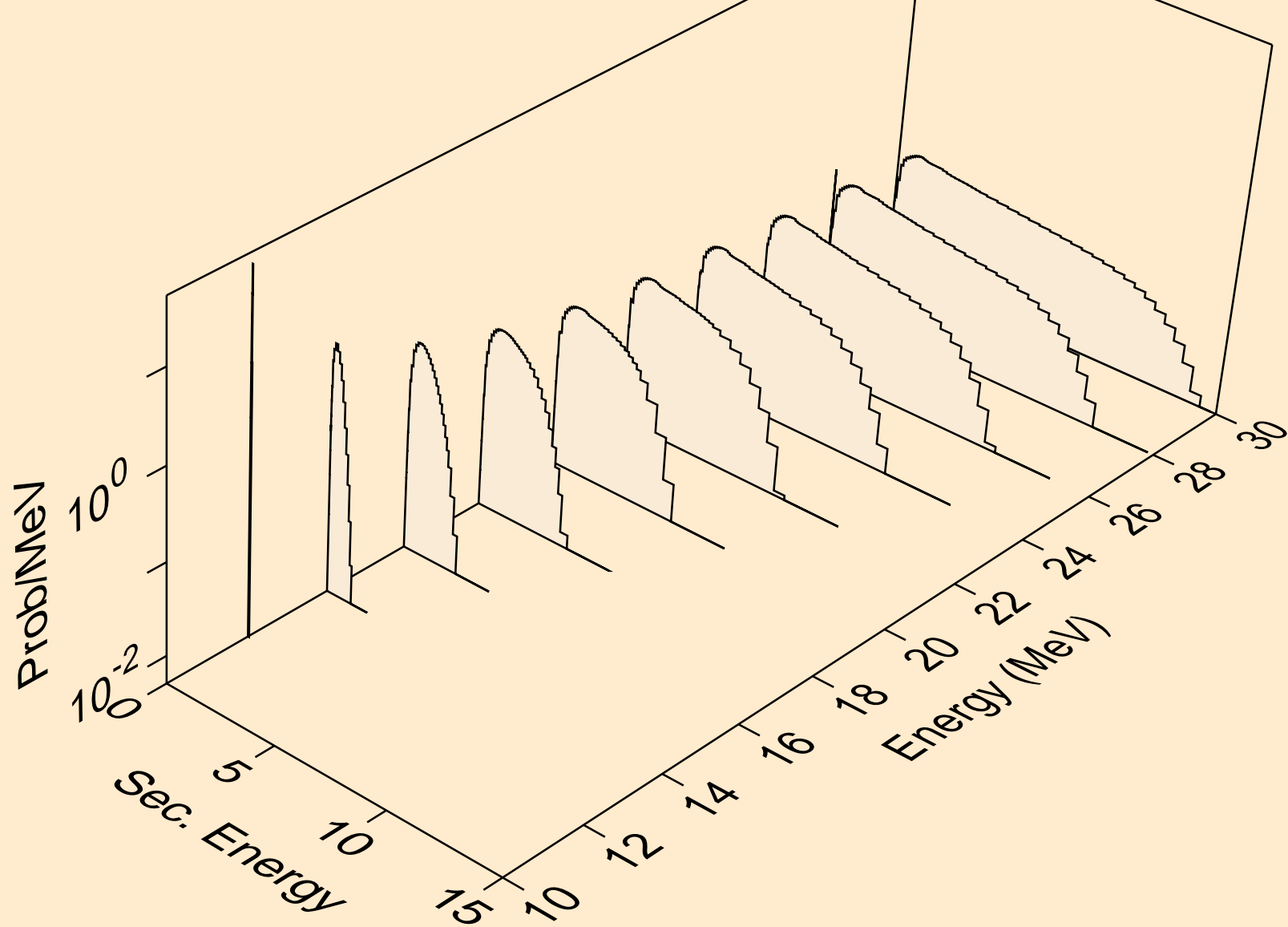
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



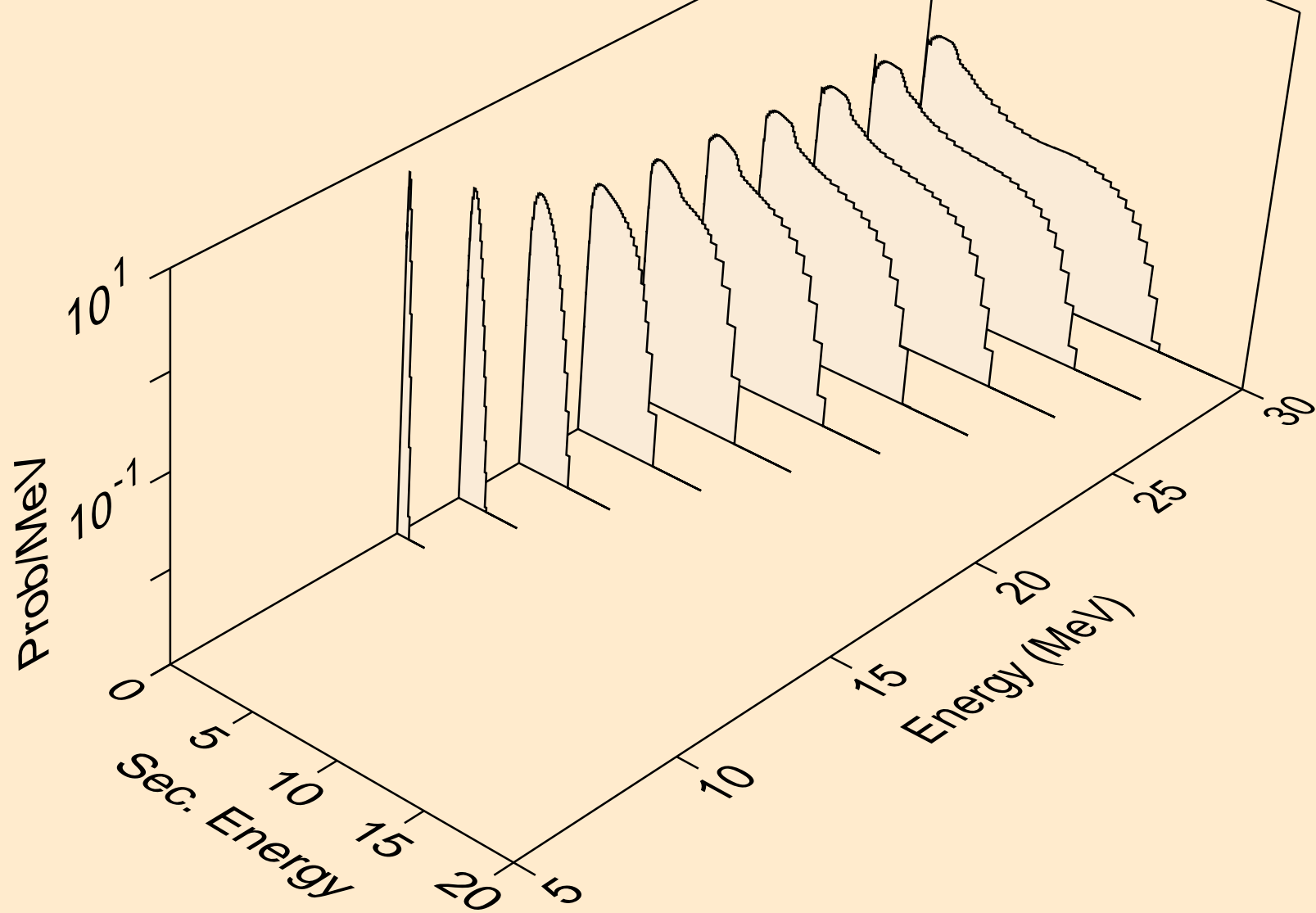
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Neutron emission for (n,2np)



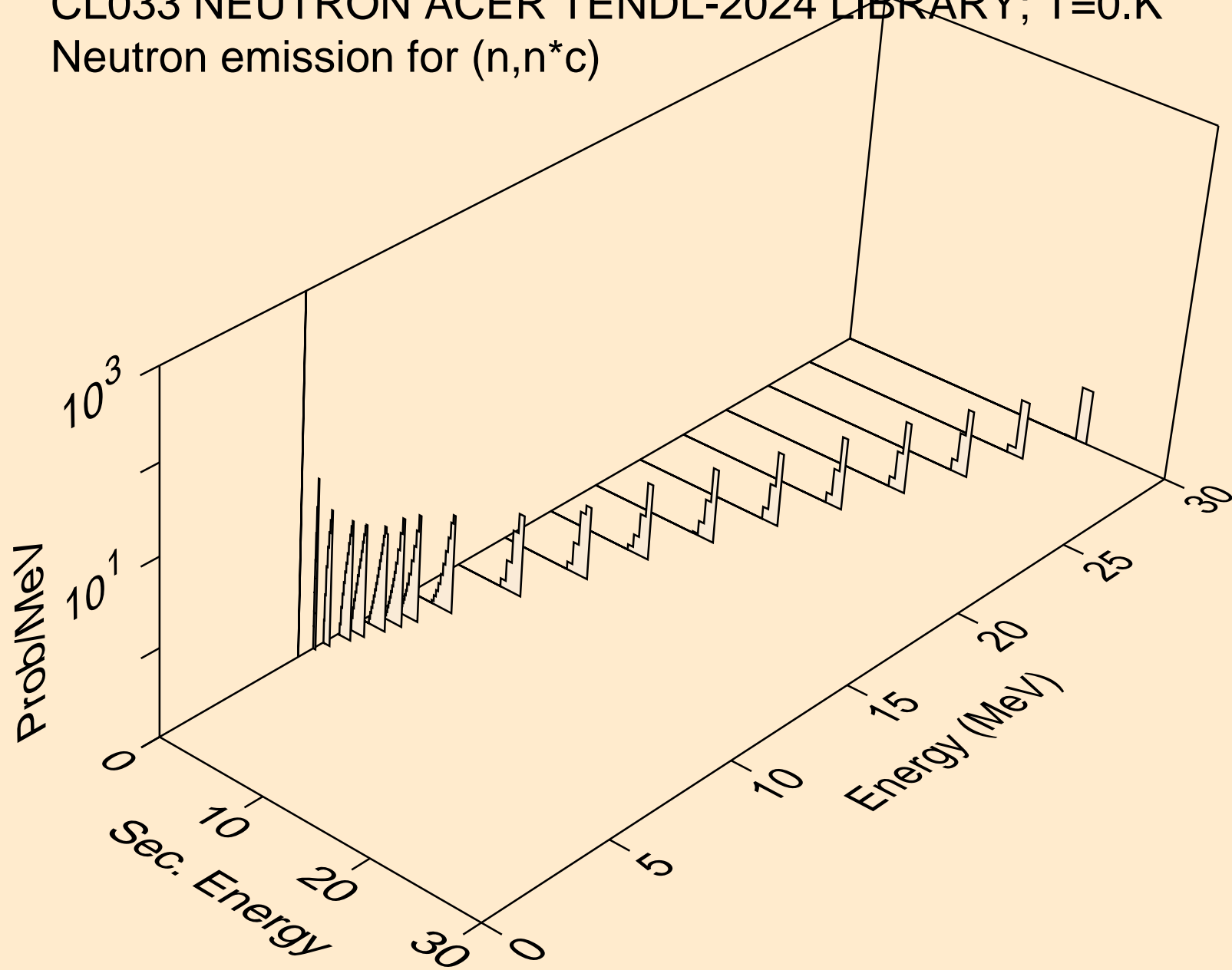
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Neutron emission for (n,n2p)



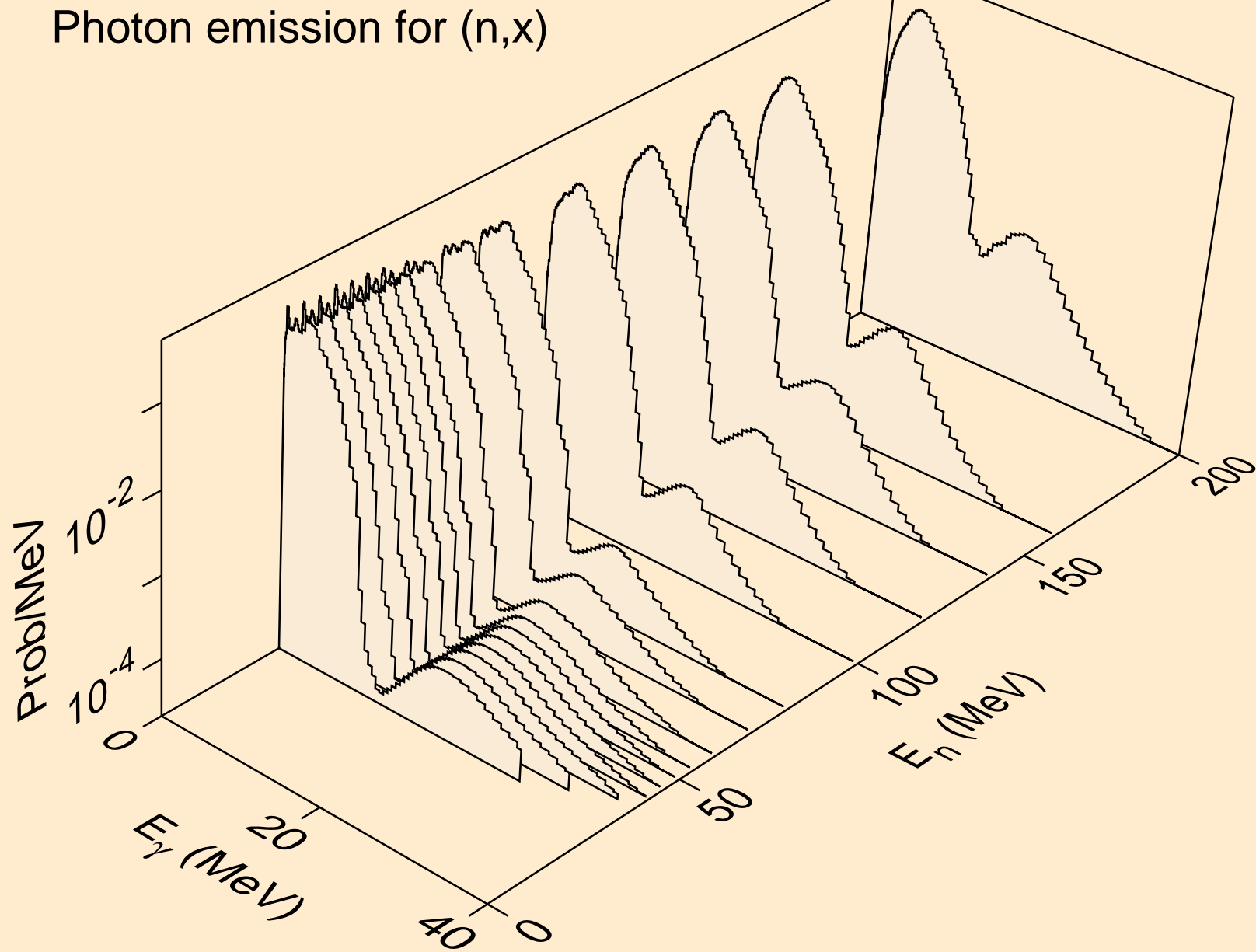
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Neutron emission for (n,npa)



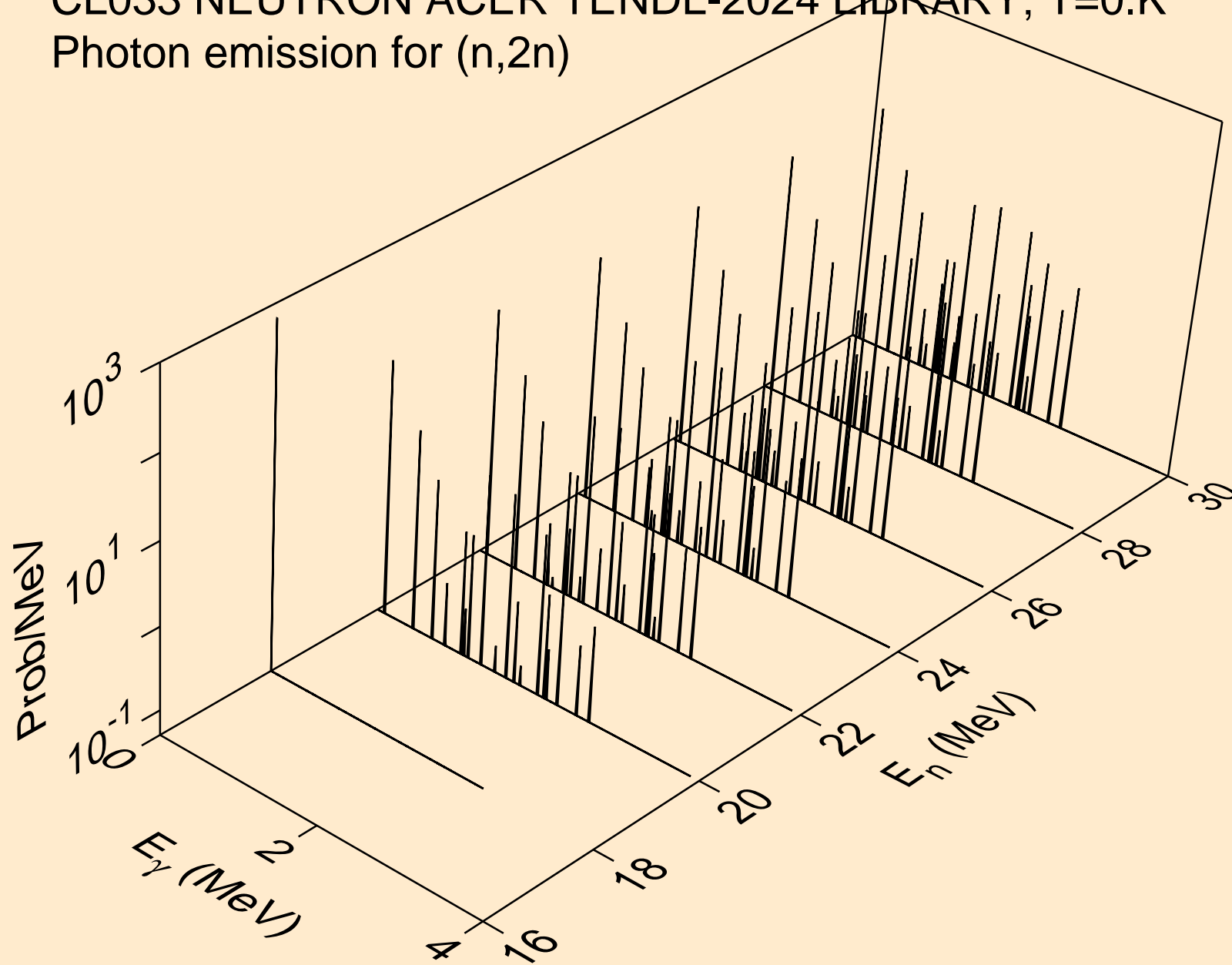
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

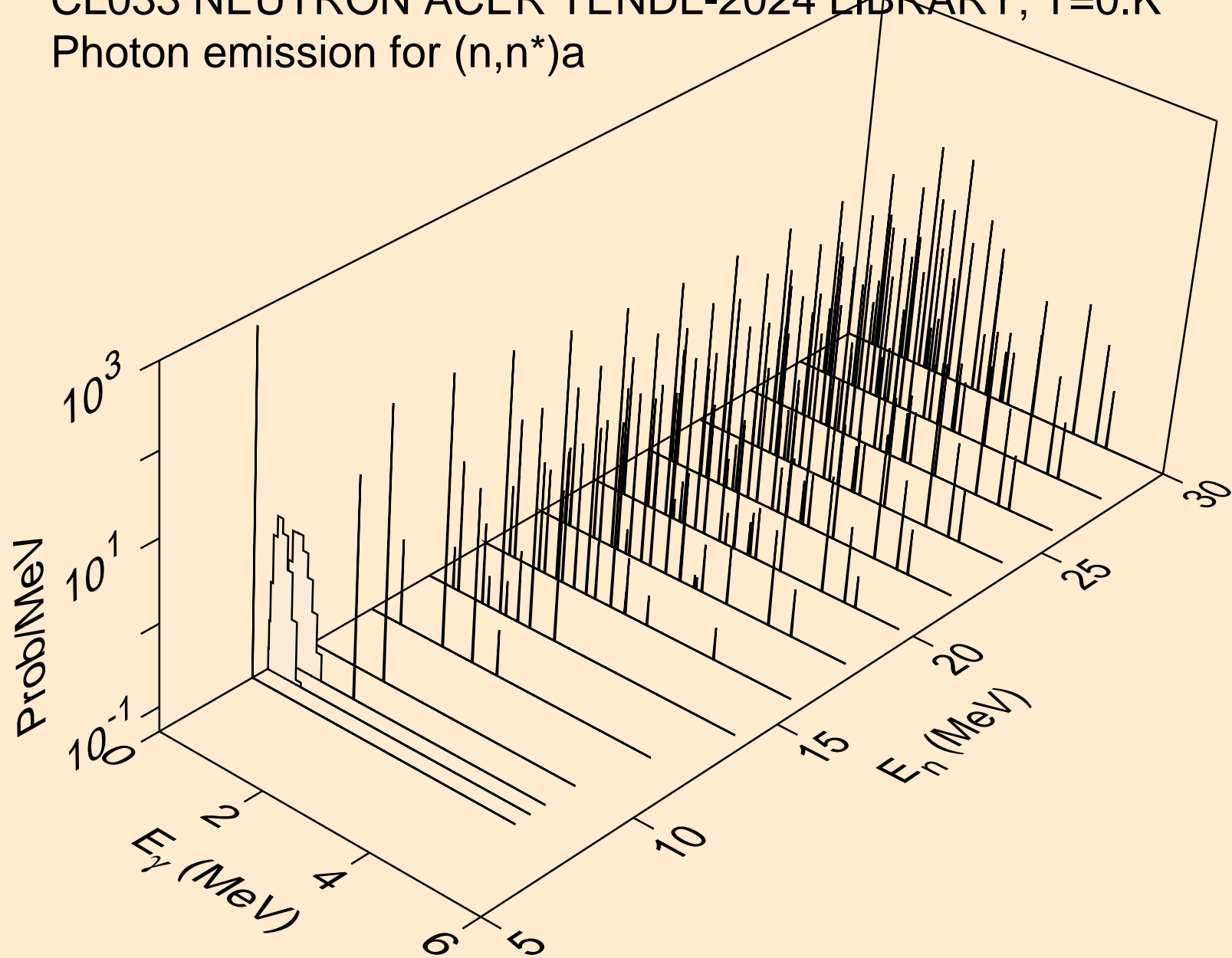


CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

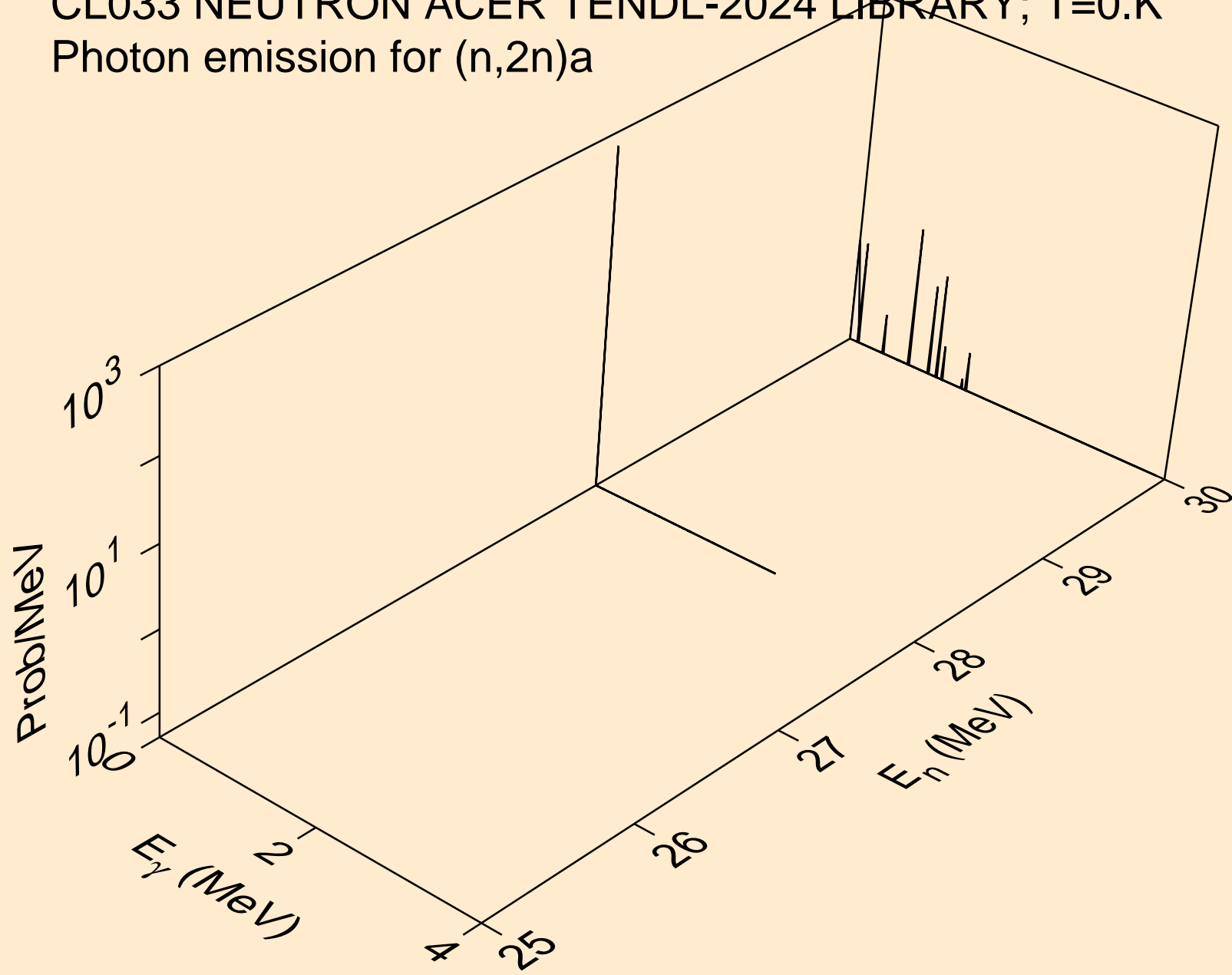




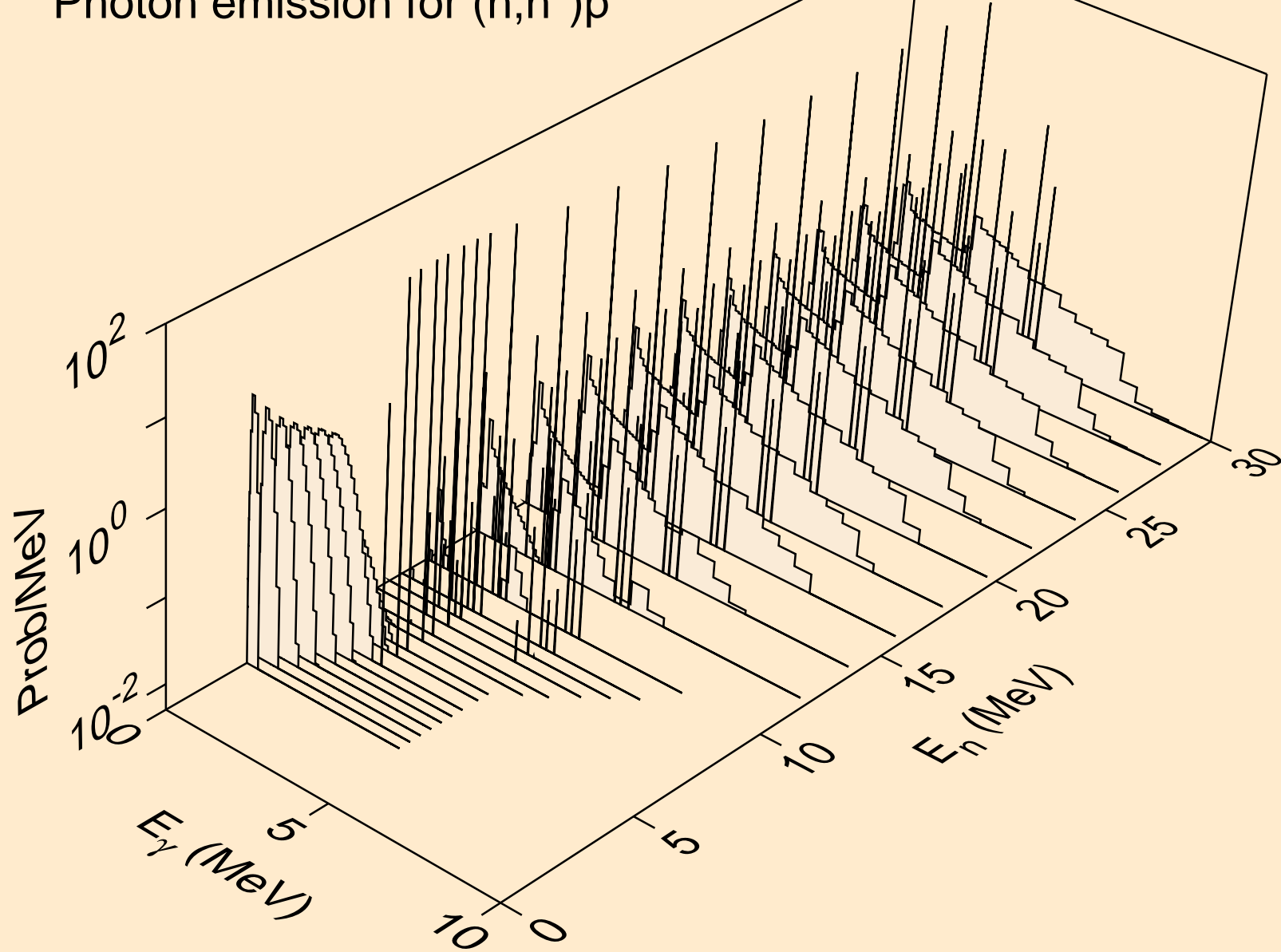
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



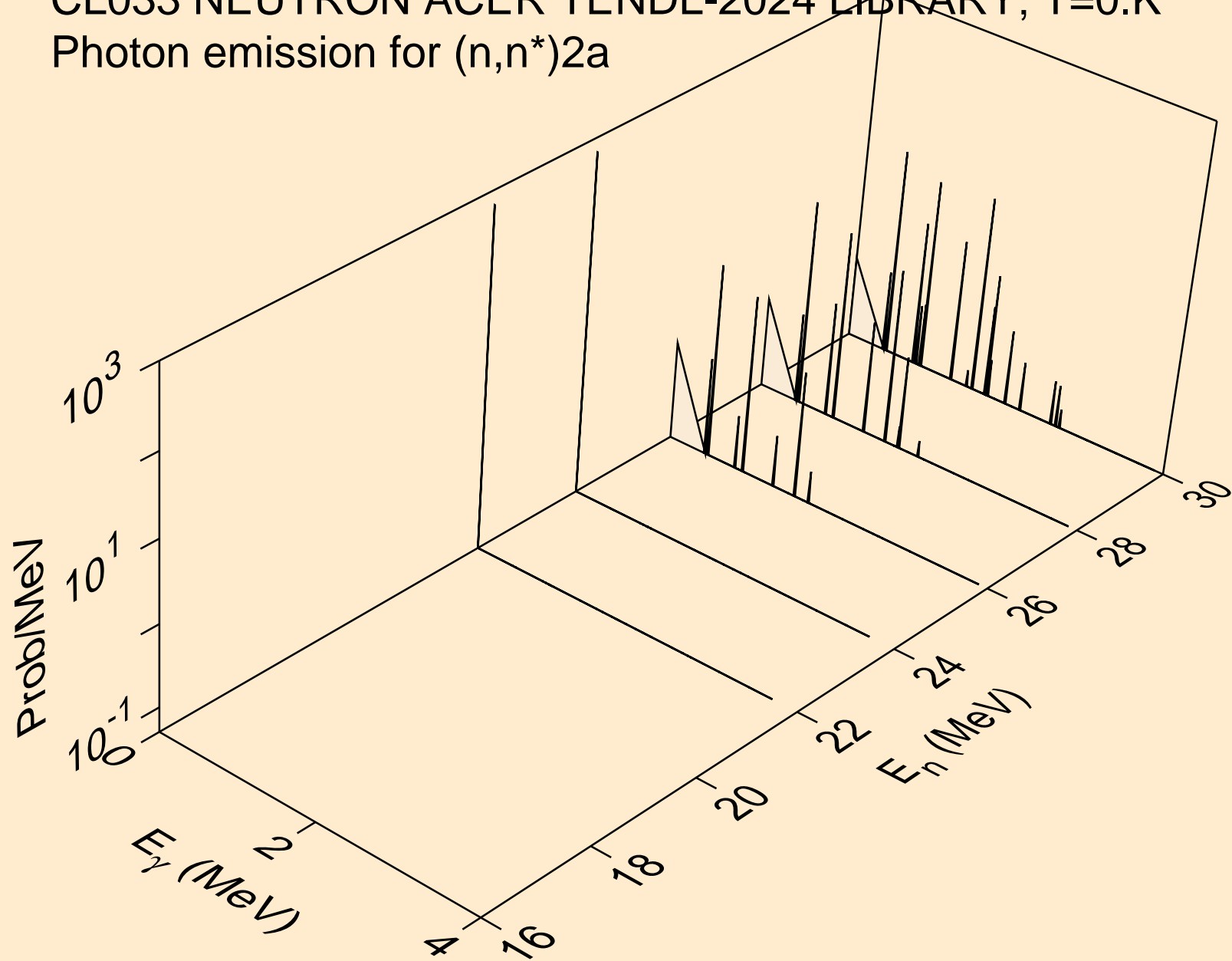
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Photon emission for (n,2n)a



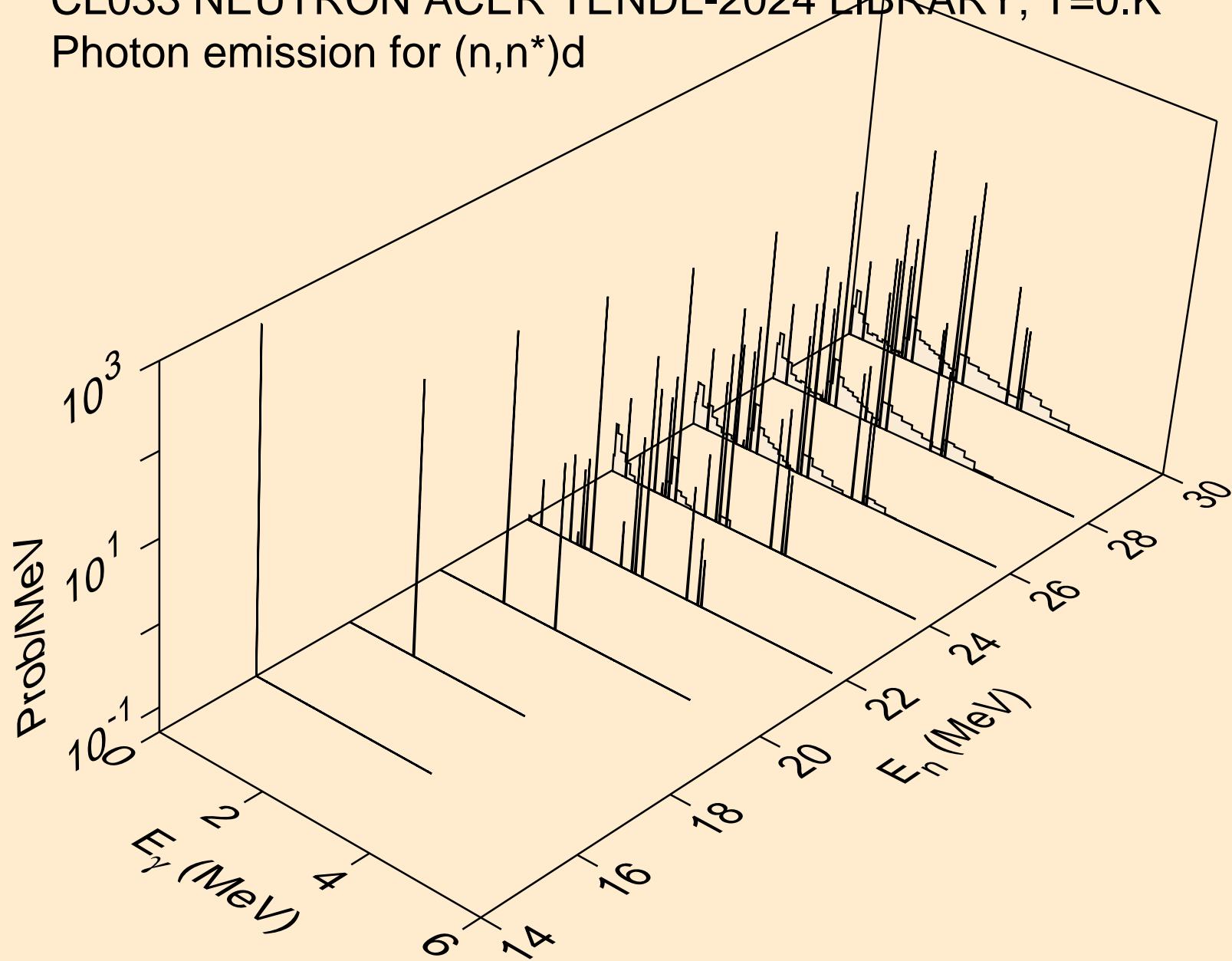
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Photon emission for (n,n\*)p



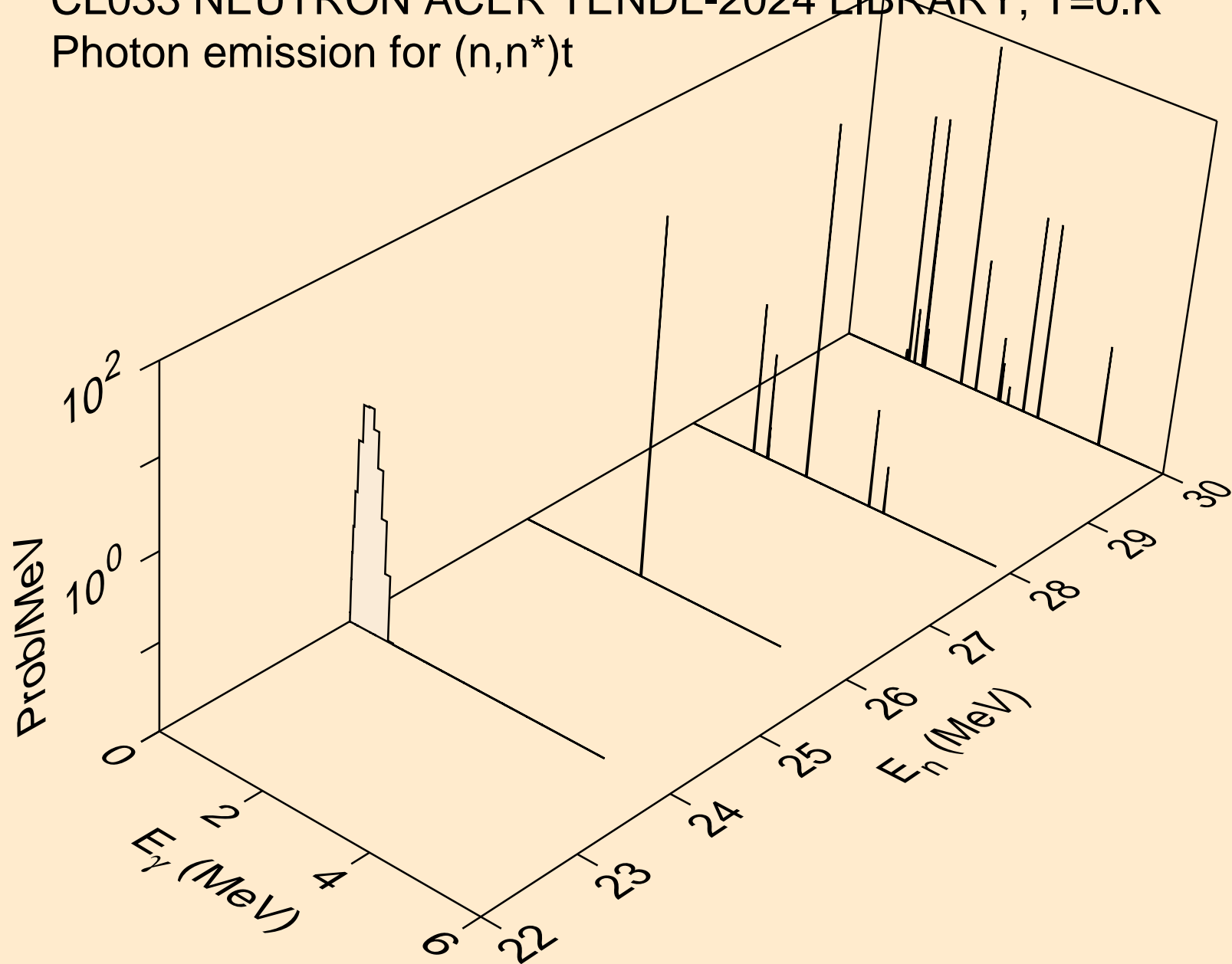
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Photon emission for (n,n\*)2a



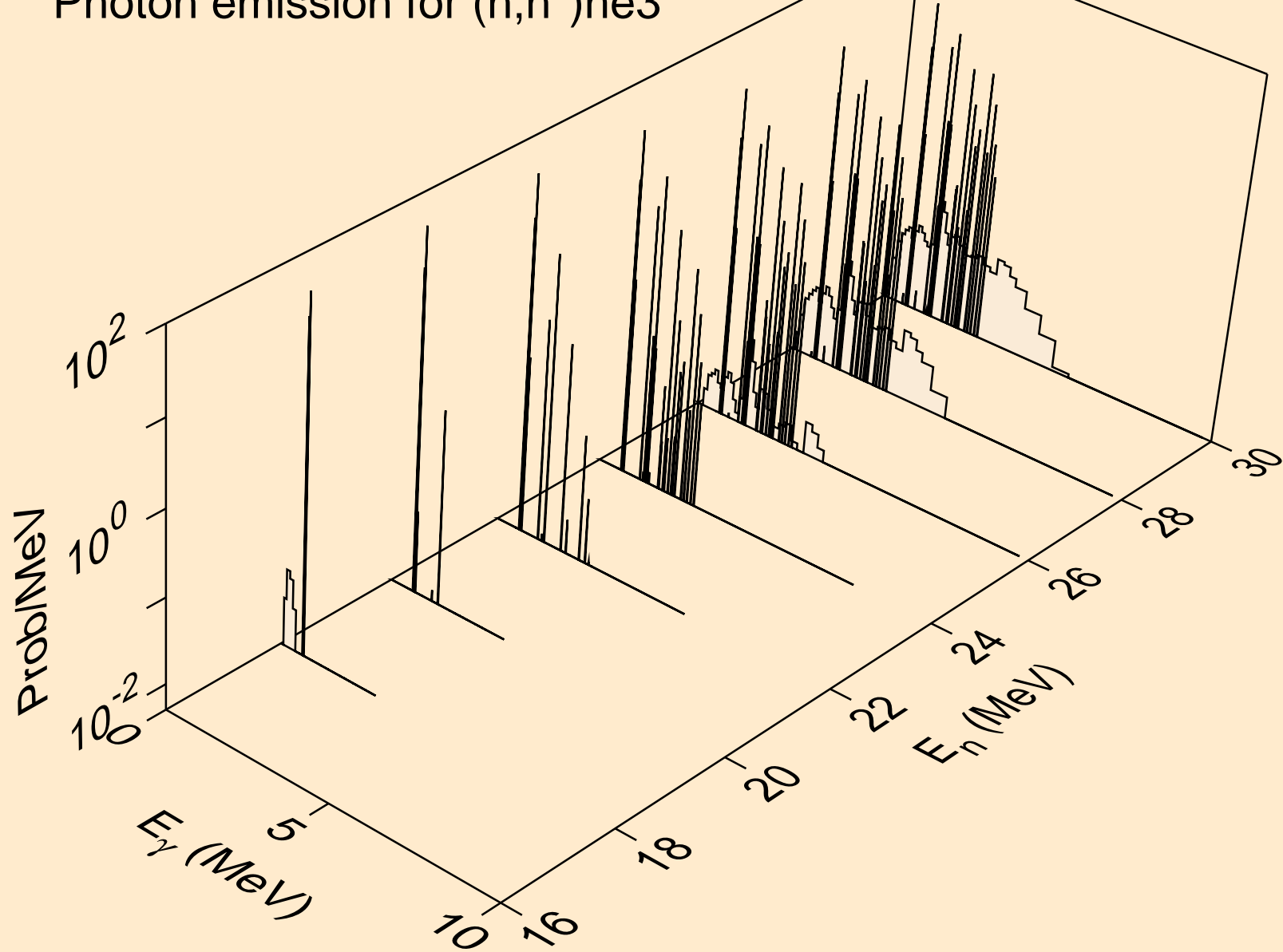
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Photon emission for (n,n\*)d



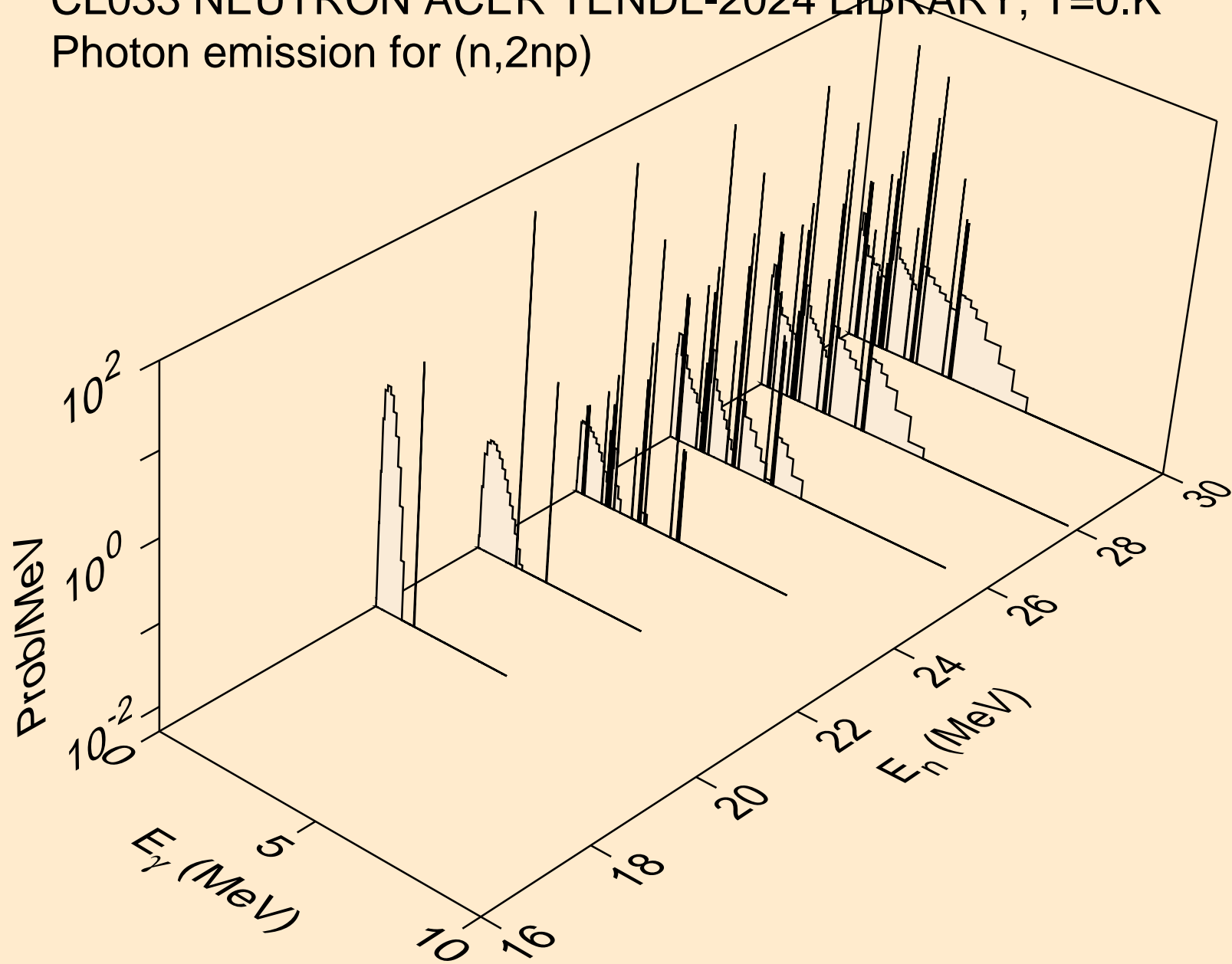
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

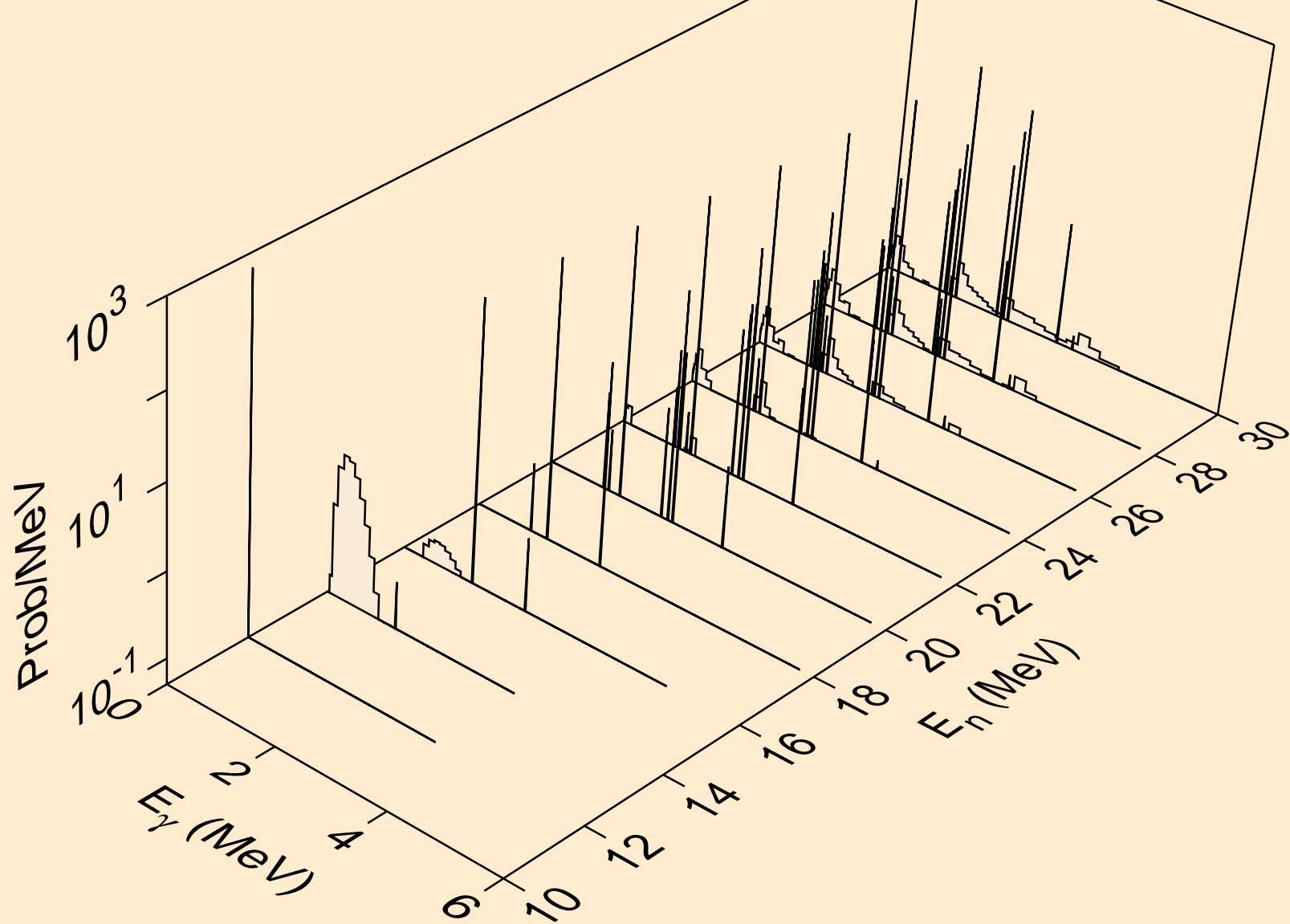


CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

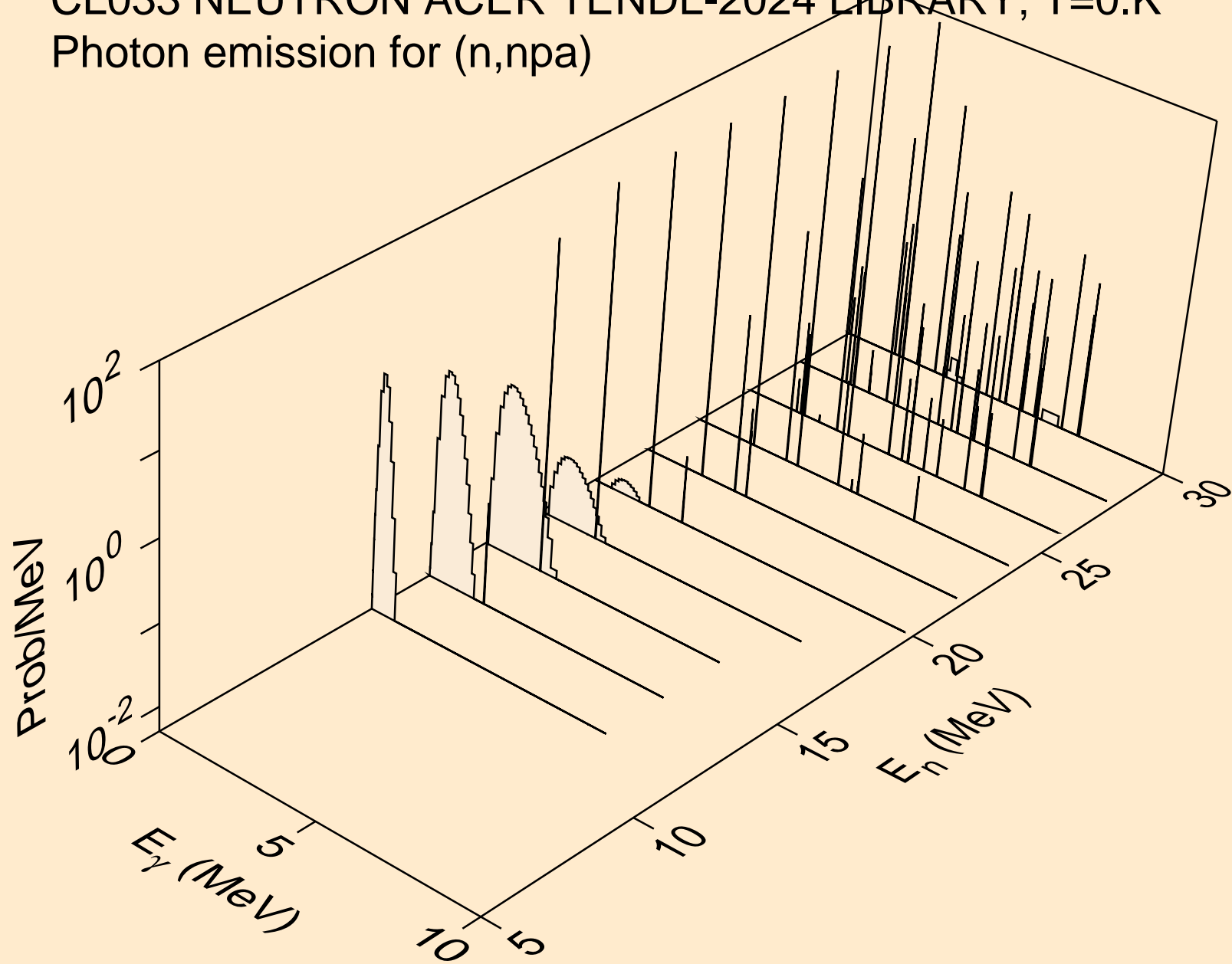




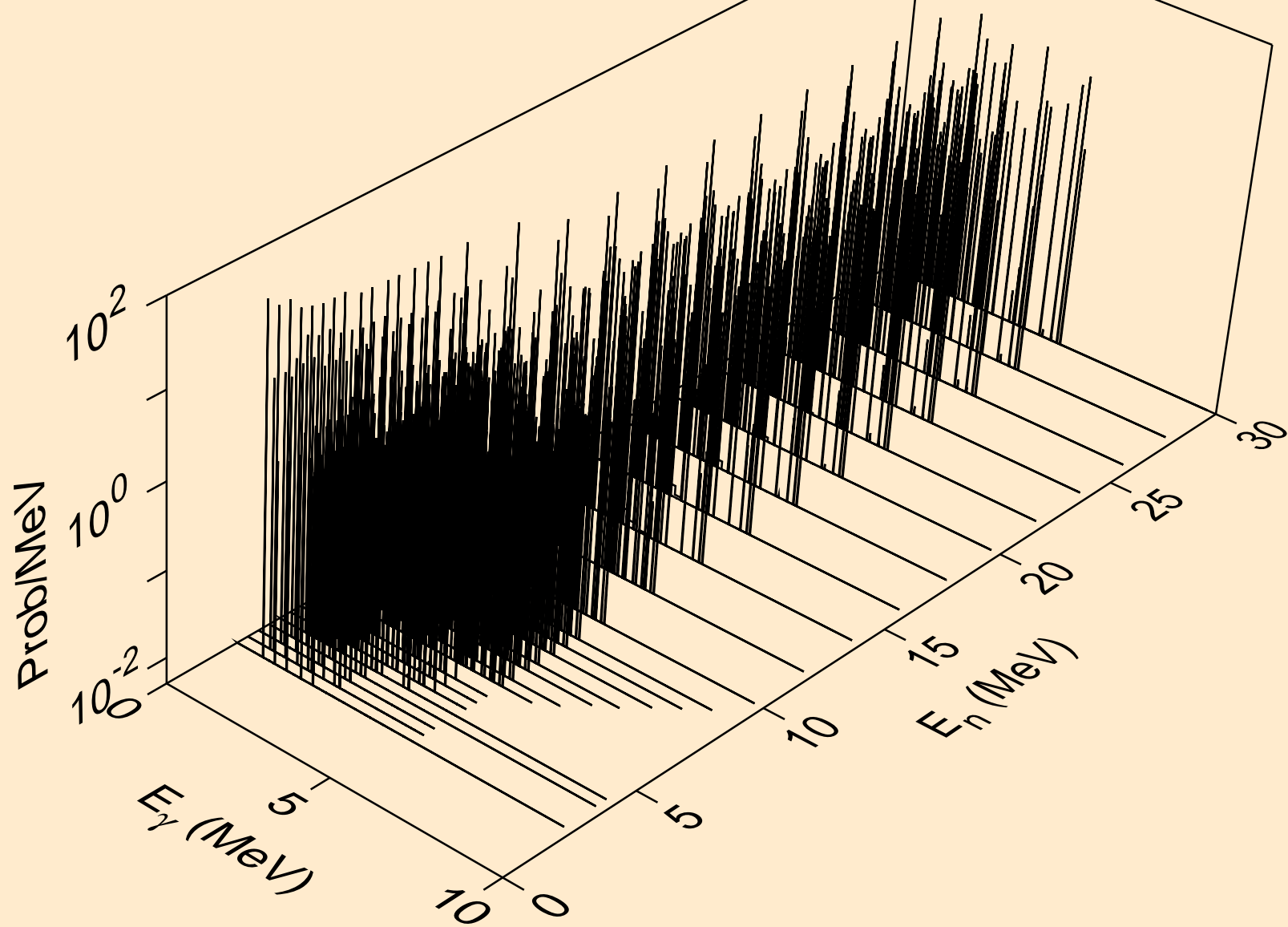
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Photon emission for (n,n2p)



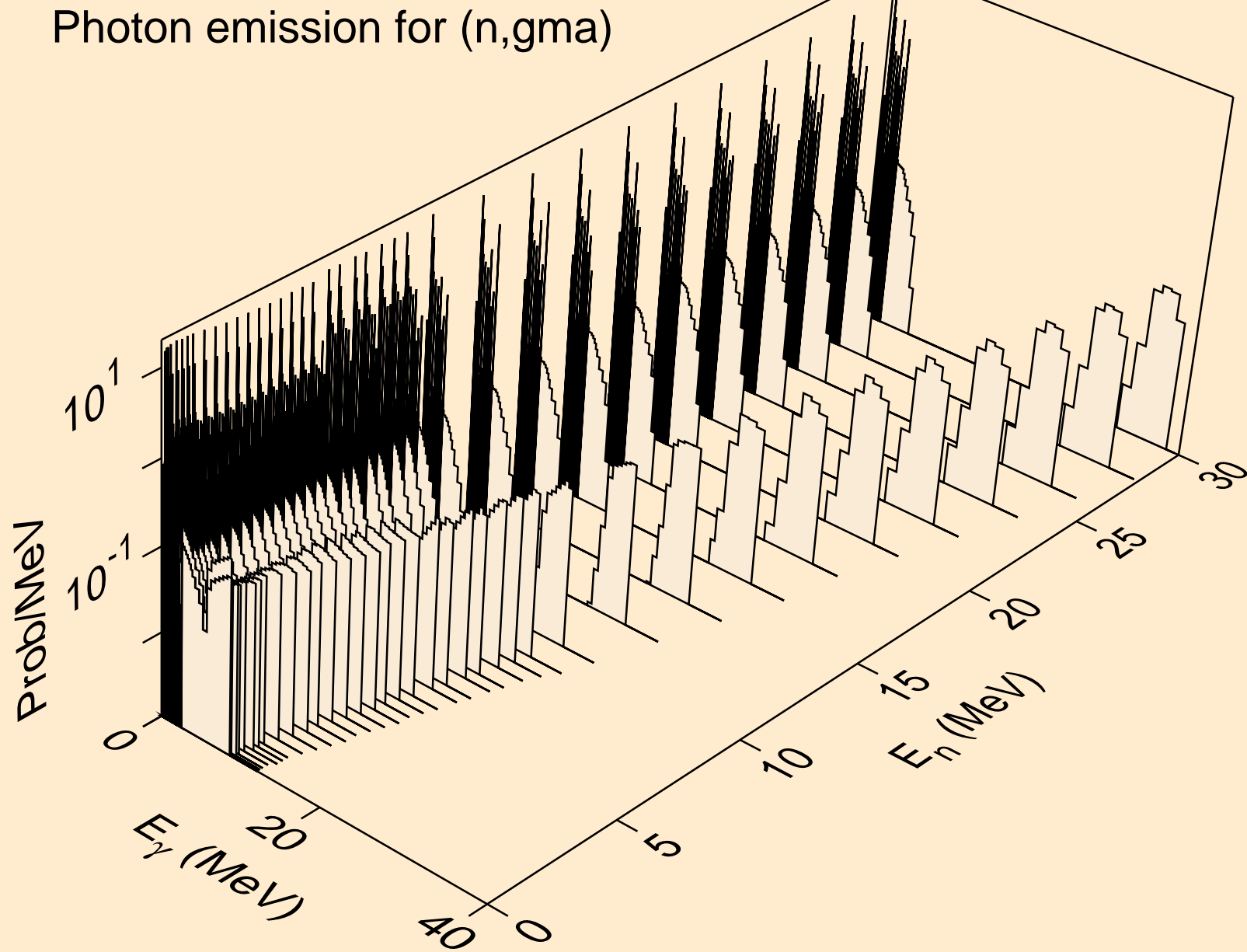
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Photon emission for (n,npa)



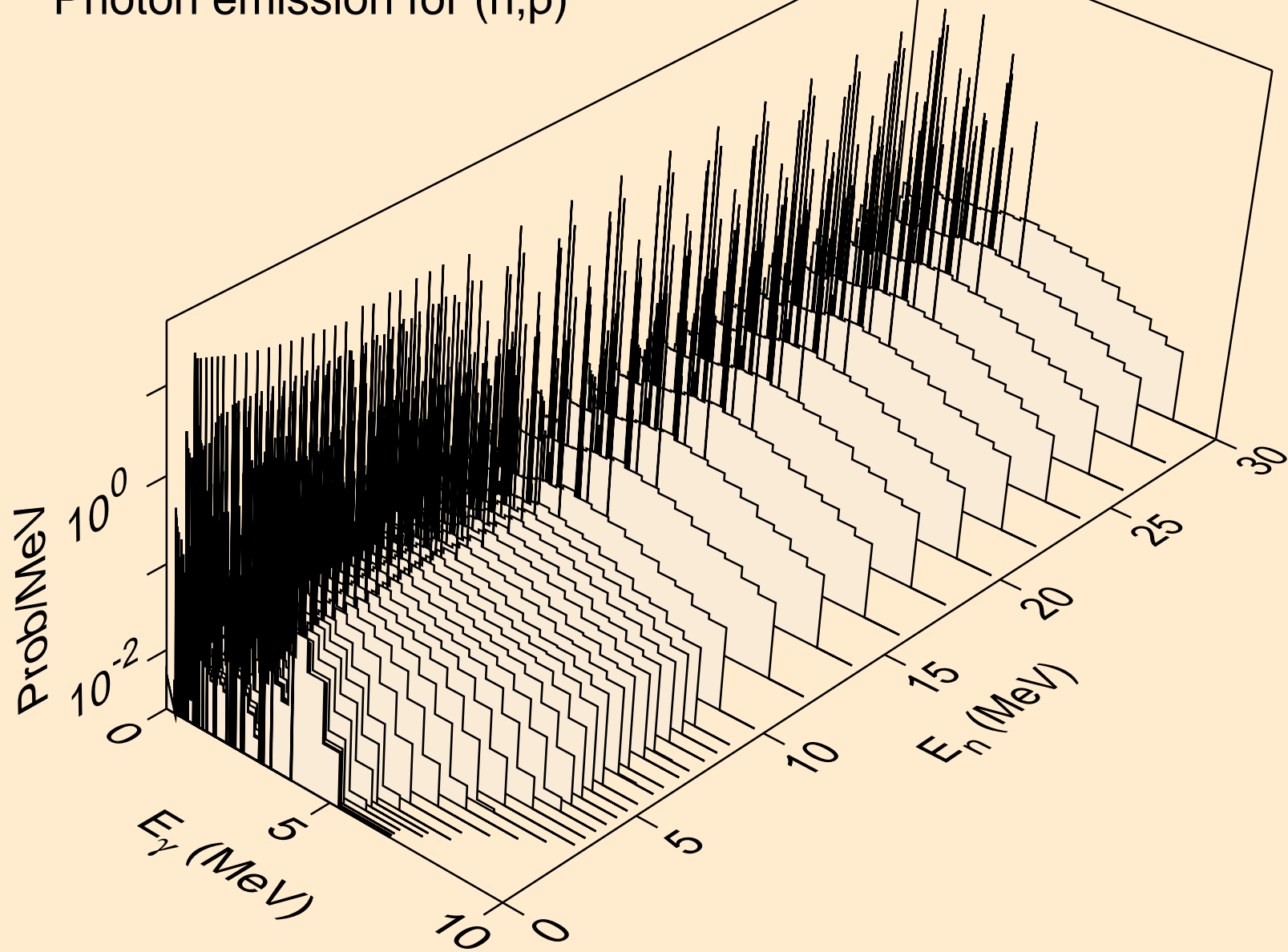
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Photon emission for (n,n\*c)



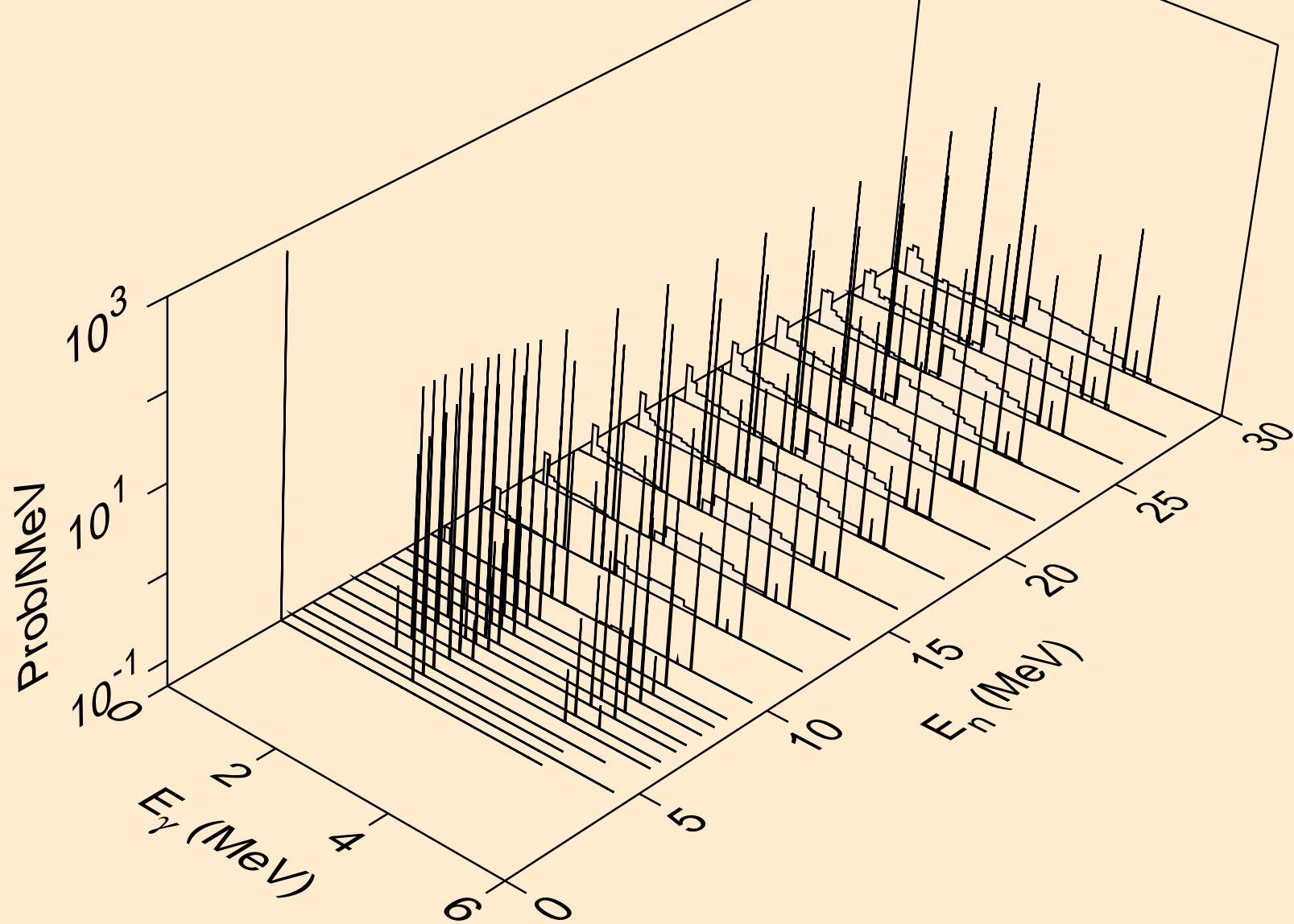
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Photon emission for (n,gma)



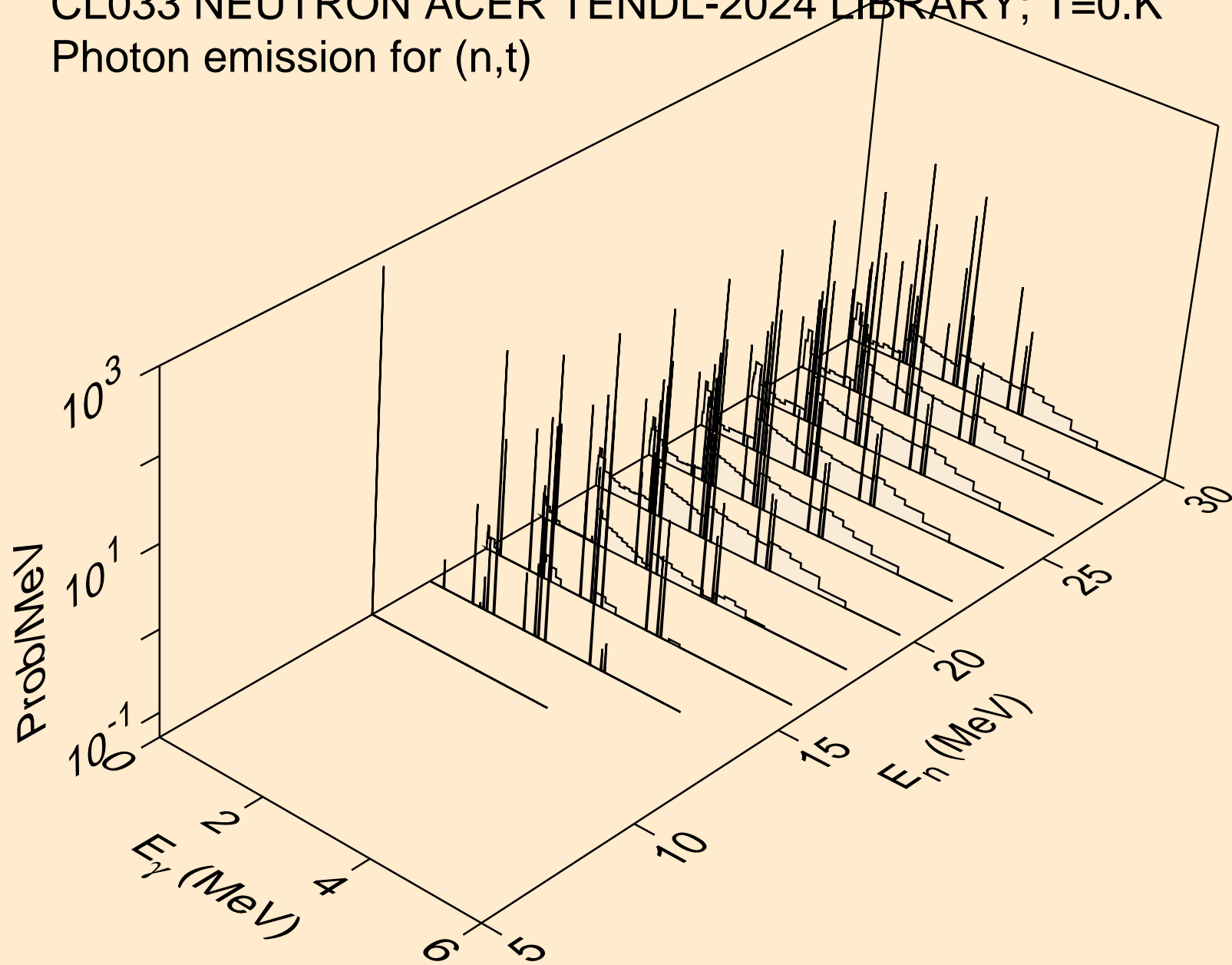
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Photon emission for (n,p)



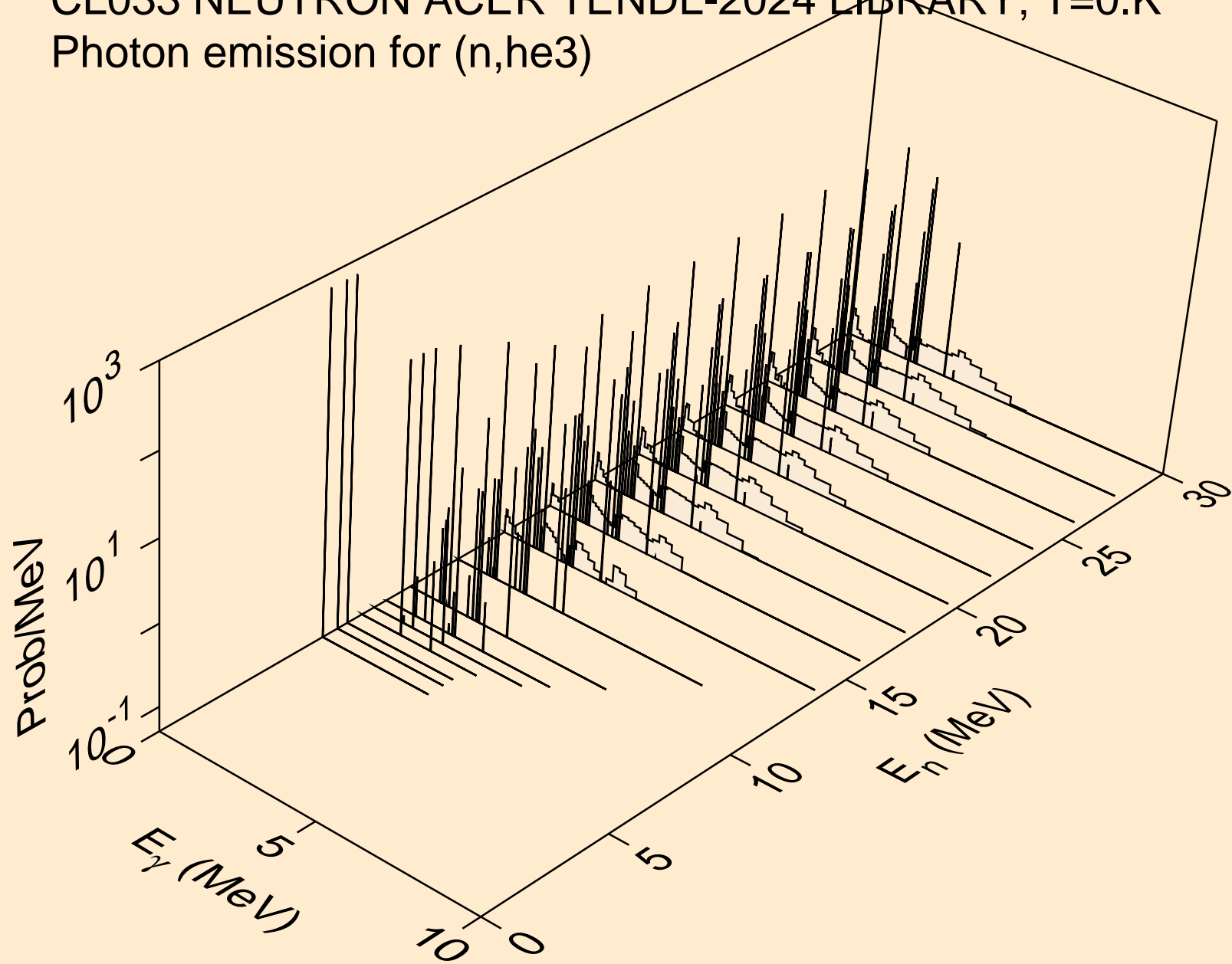
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

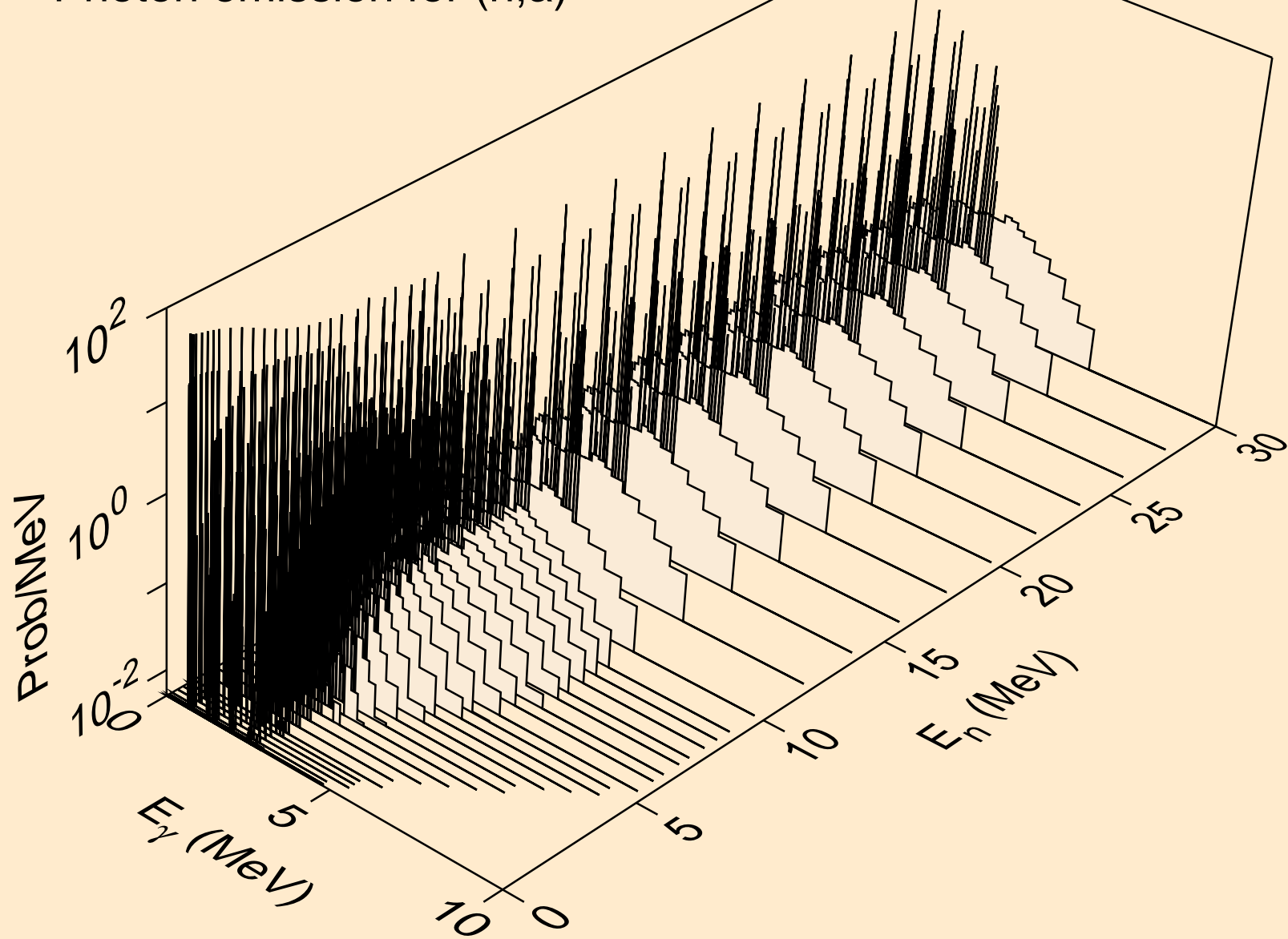


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Photon emission for (n,he3)

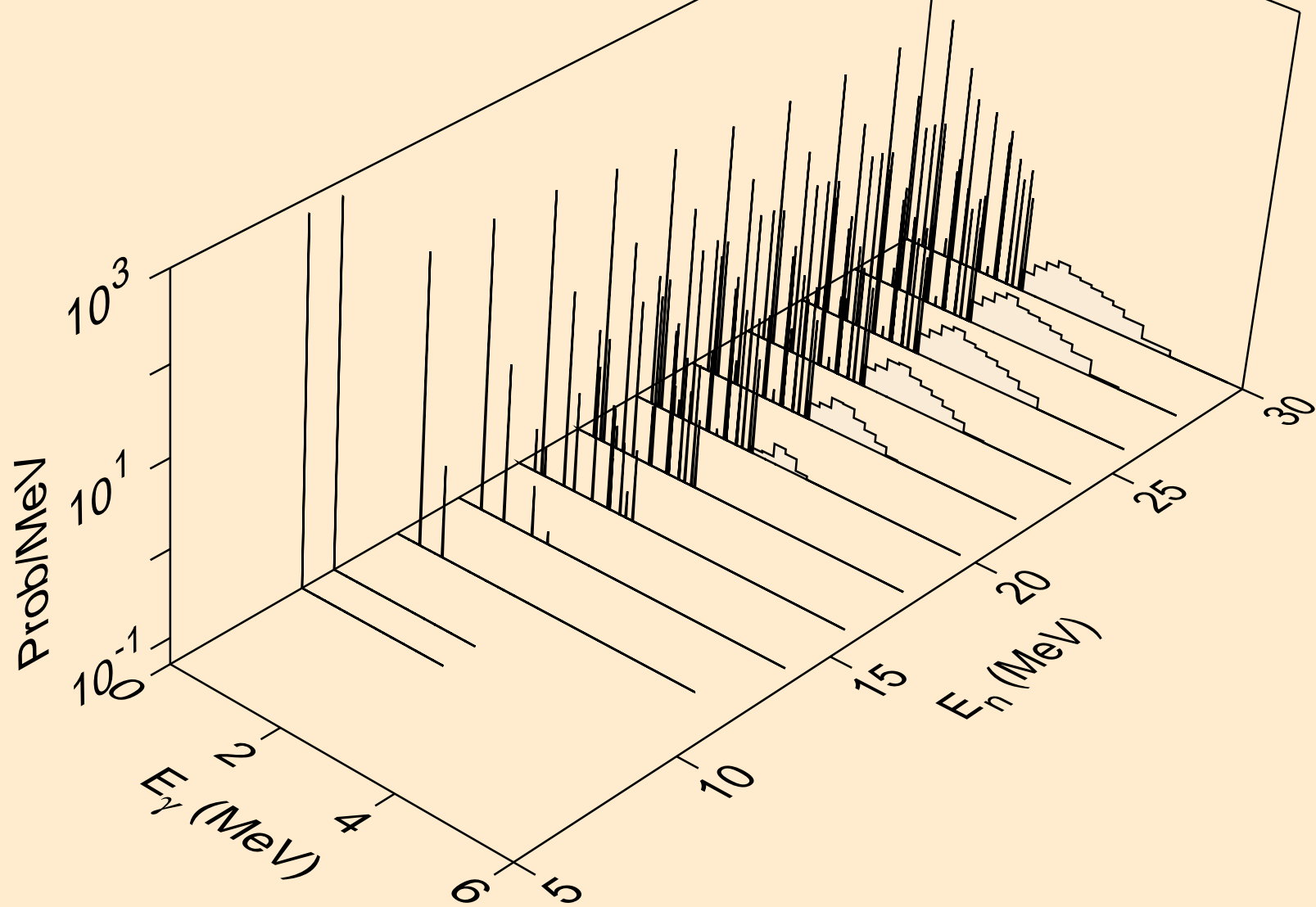




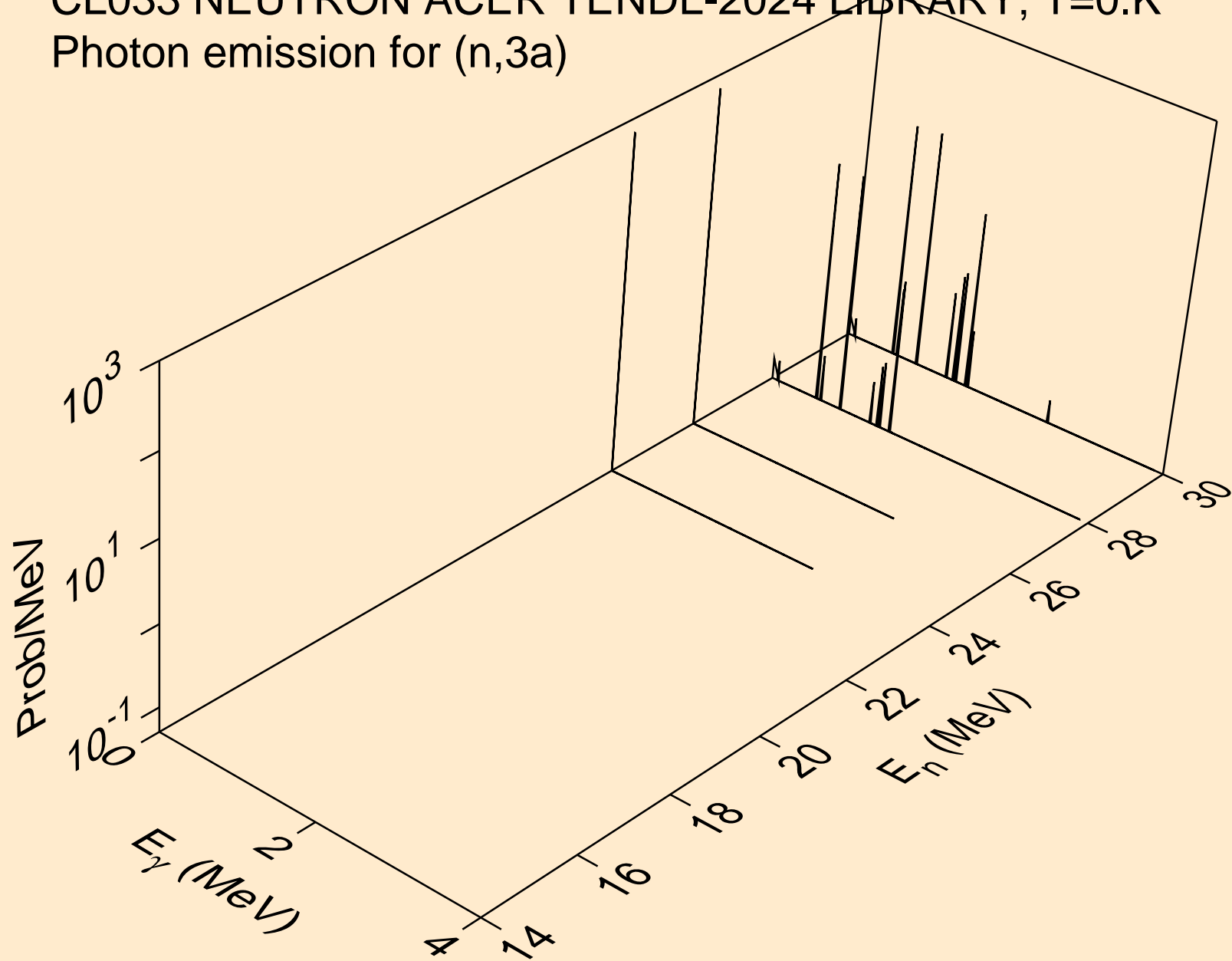
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Photon emission for (n,a)



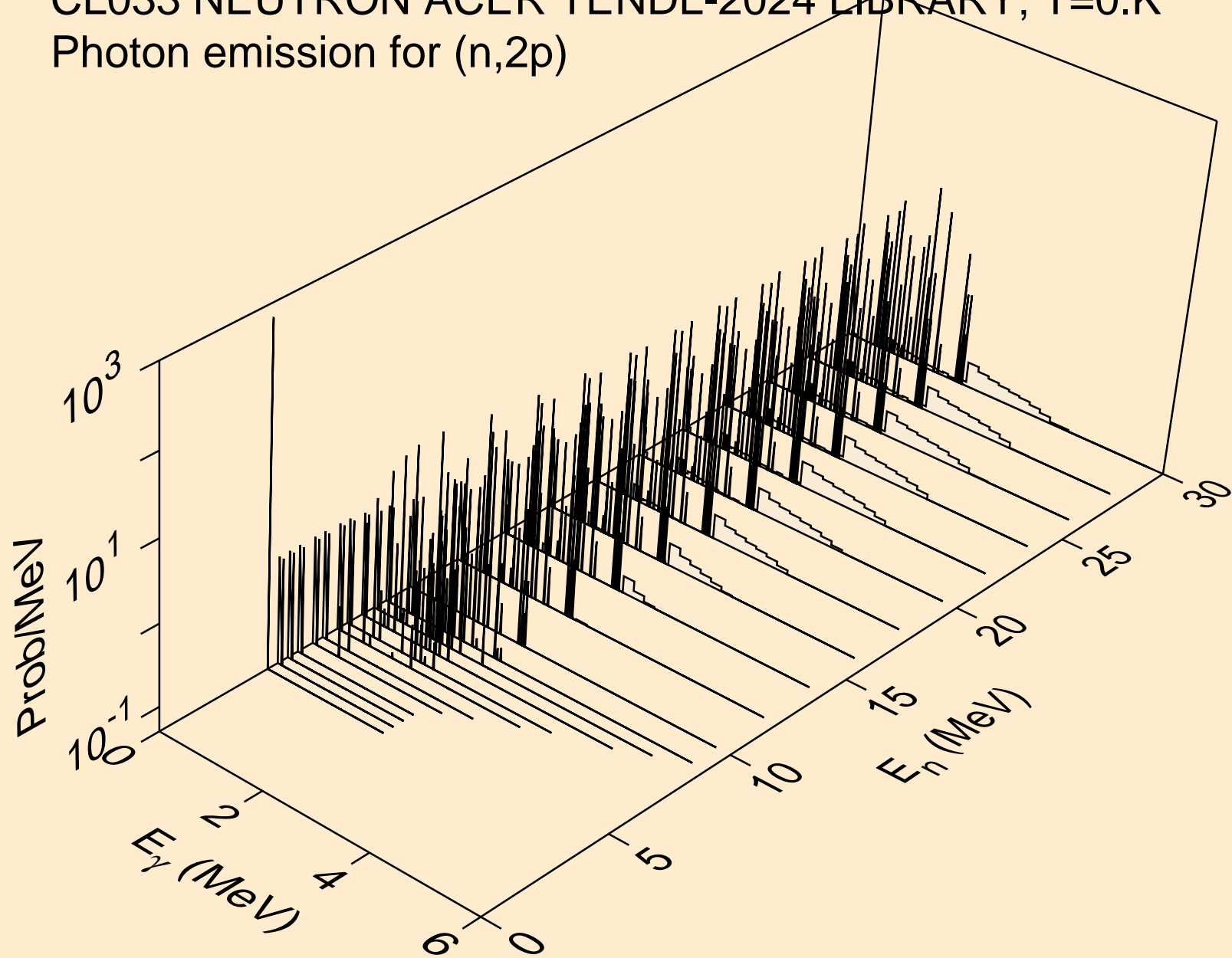
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Photon emission for (n,2a)



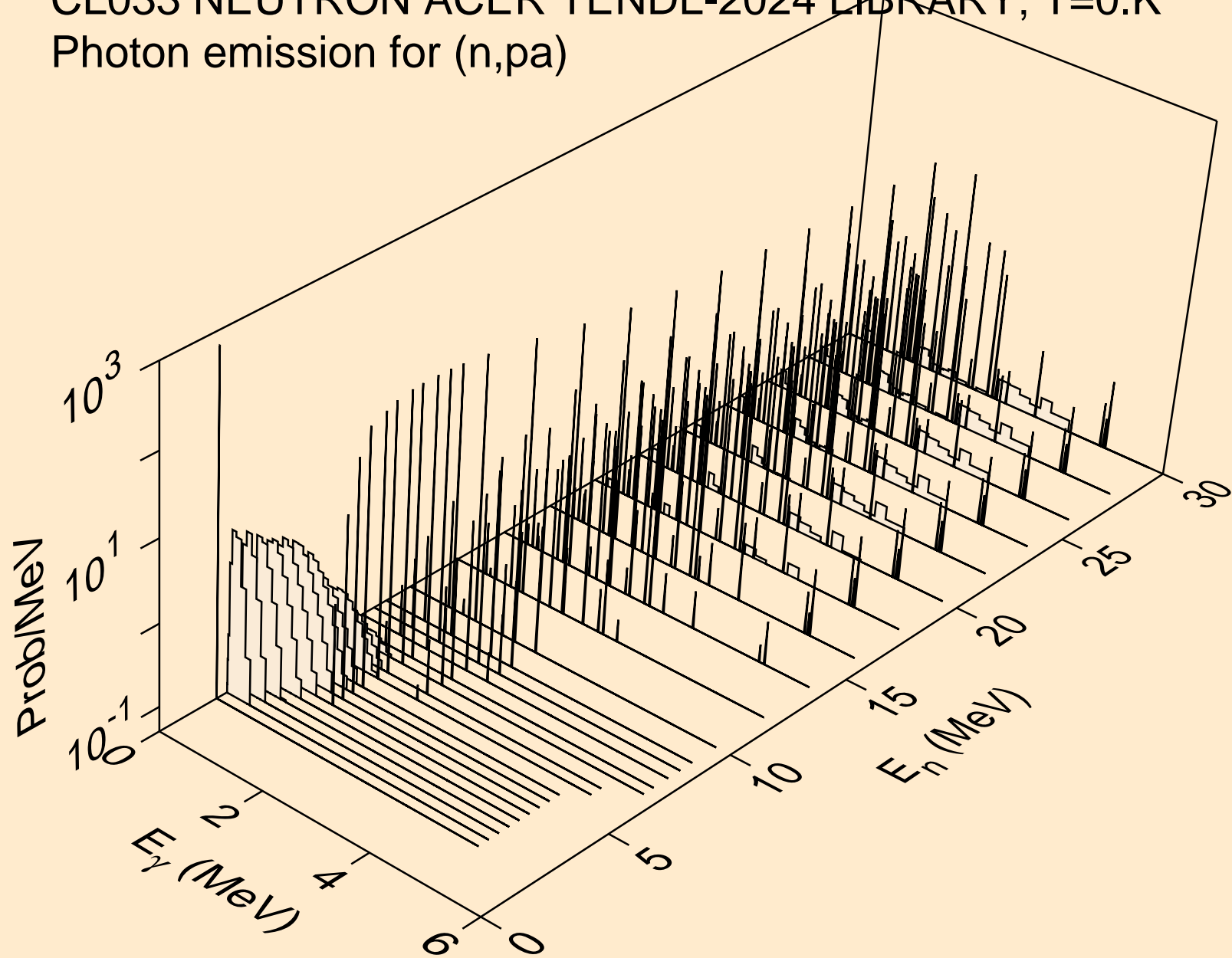
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Photon emission for (n,3a)



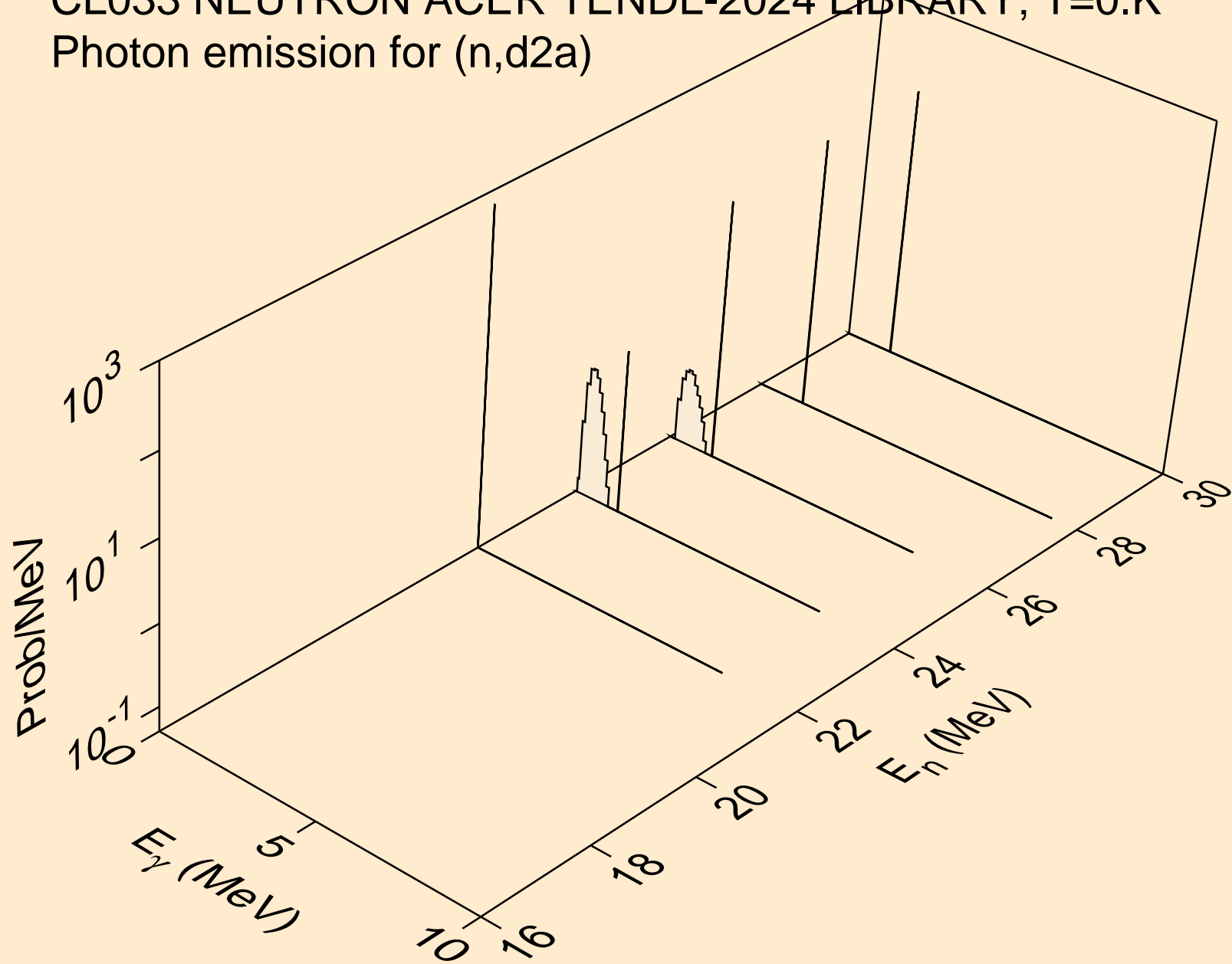
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Photon emission for (n,2p)



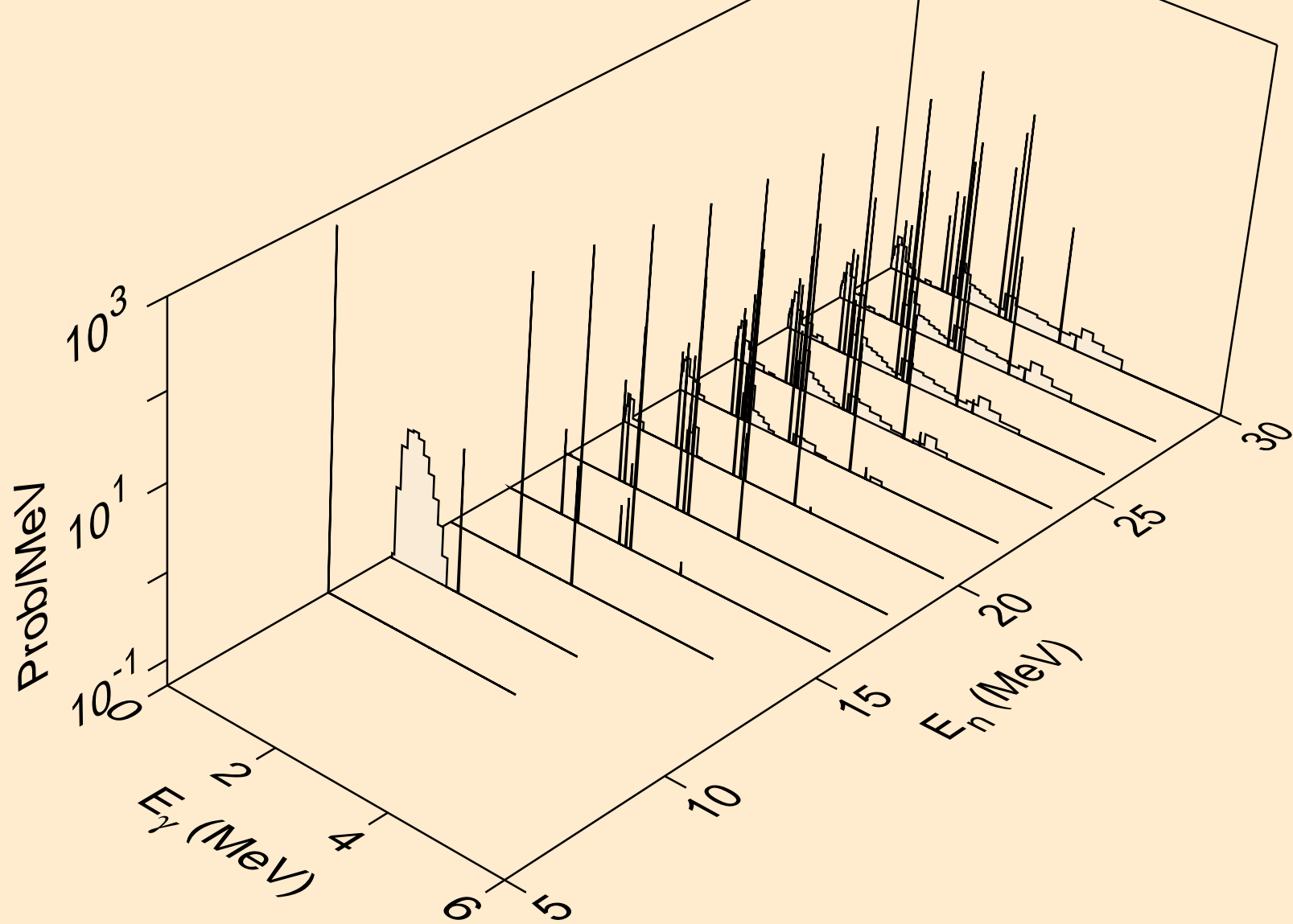
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Photon emission for (n,p)



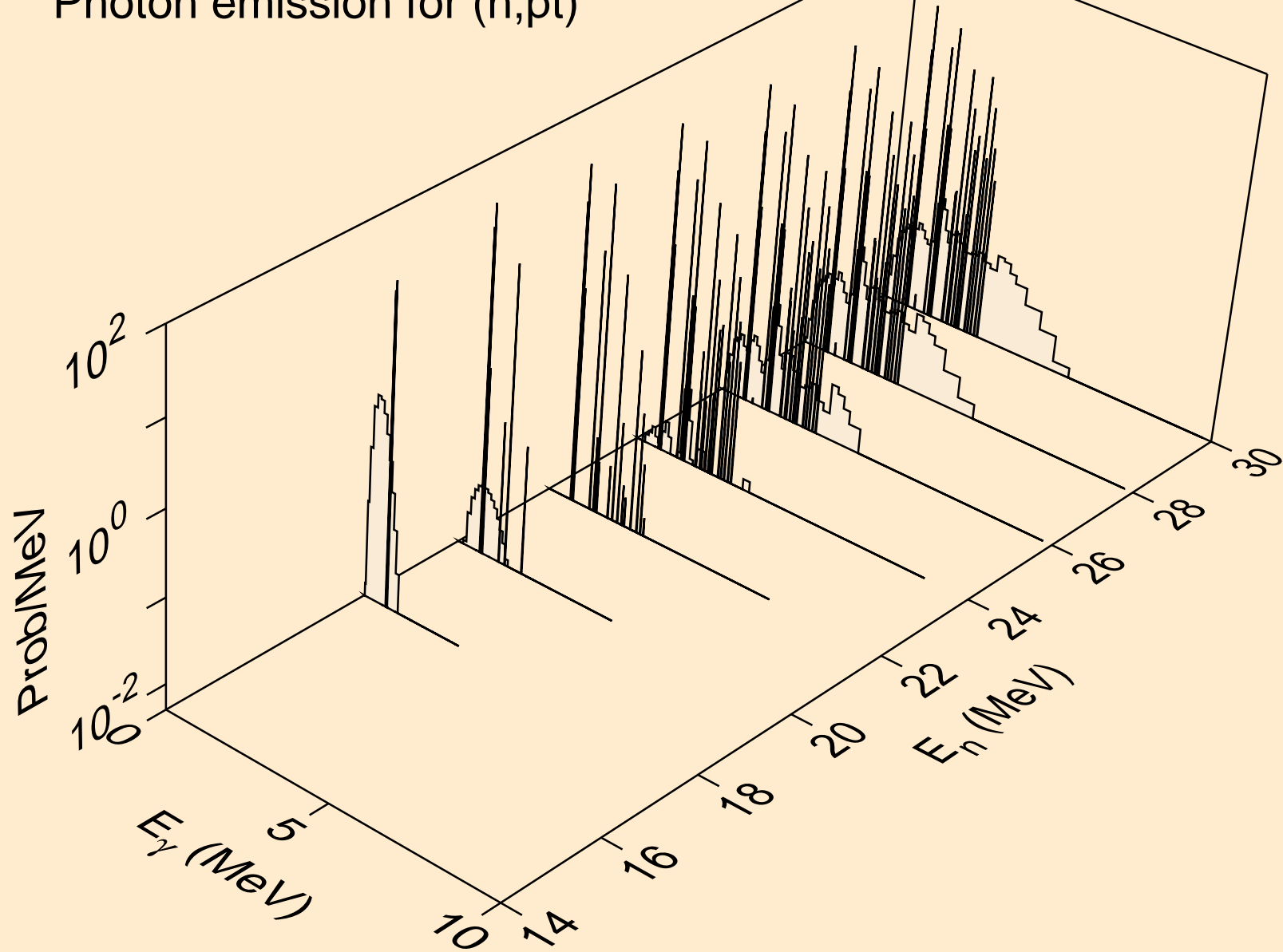
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d2a)



CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

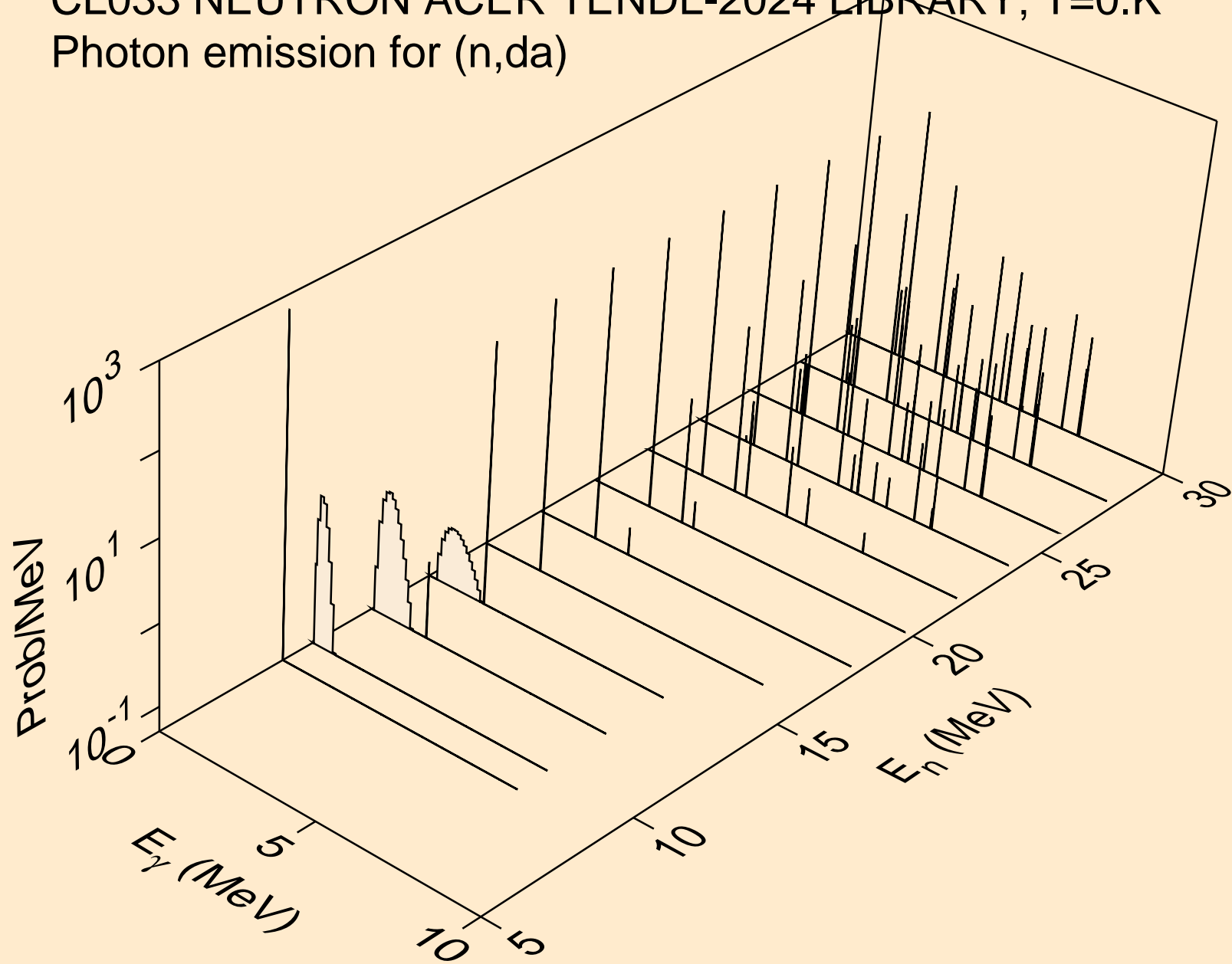


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Photon emission for (n,pt)

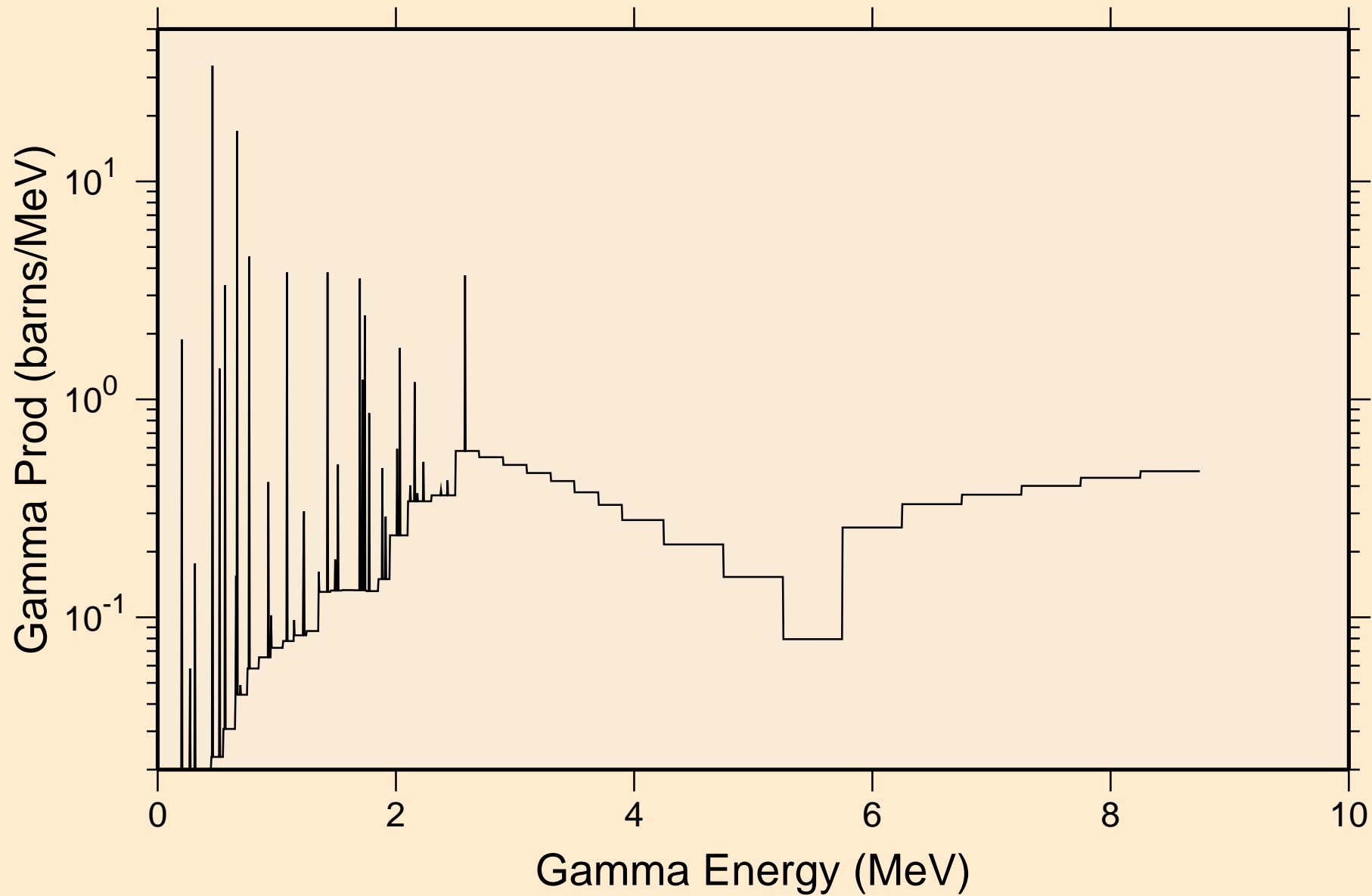




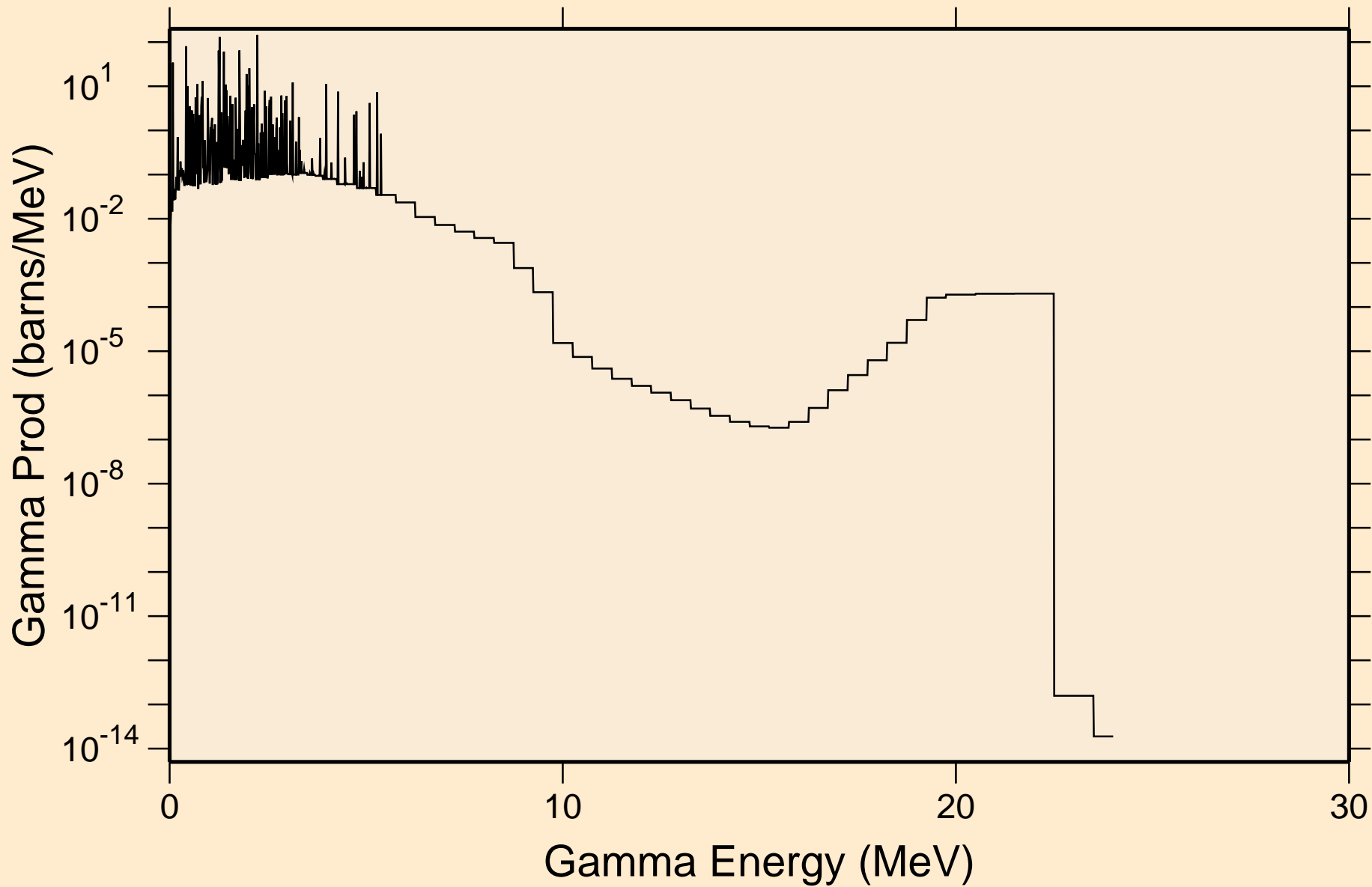
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Photon emission for (n,da)



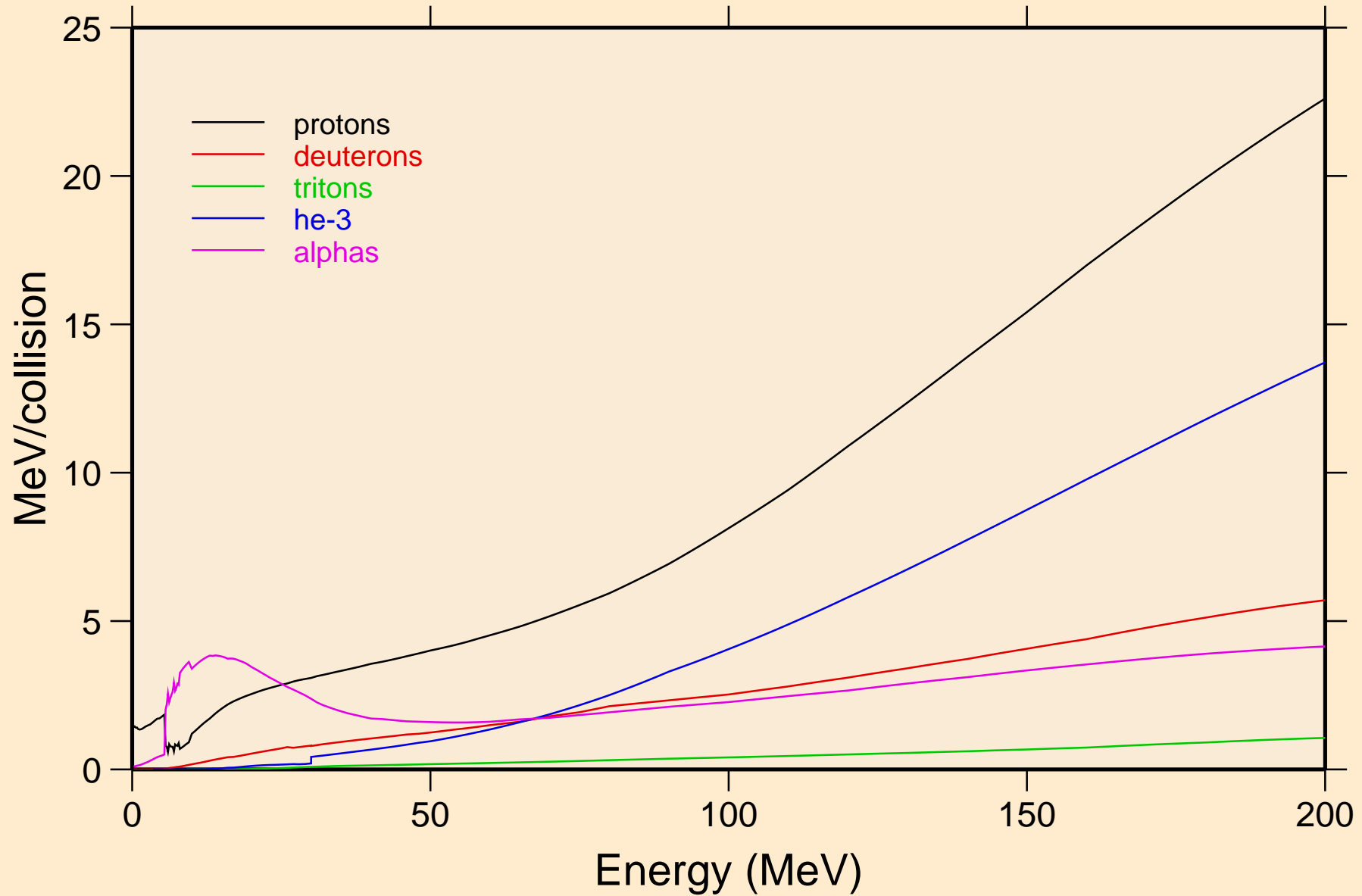
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



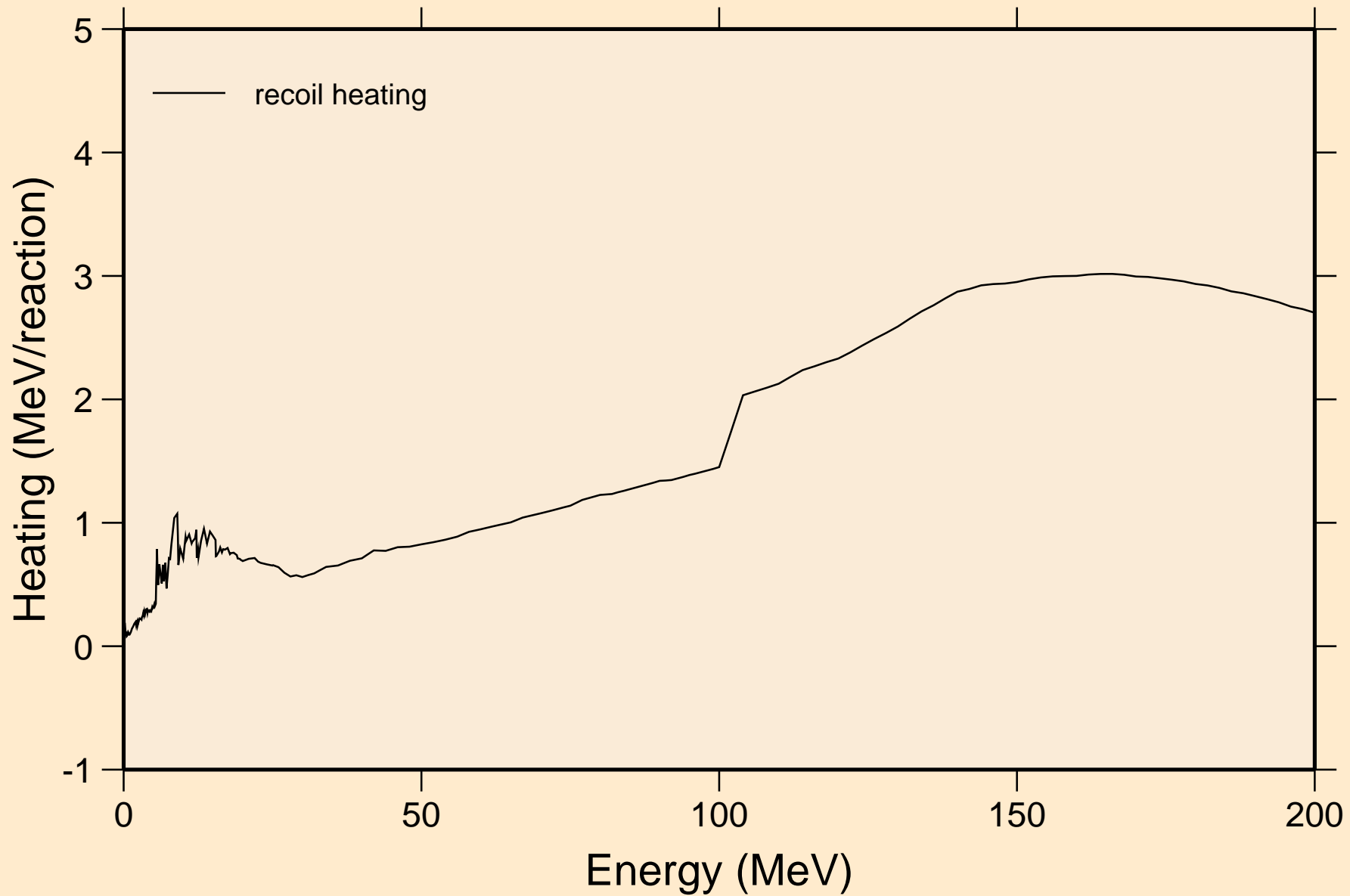
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions

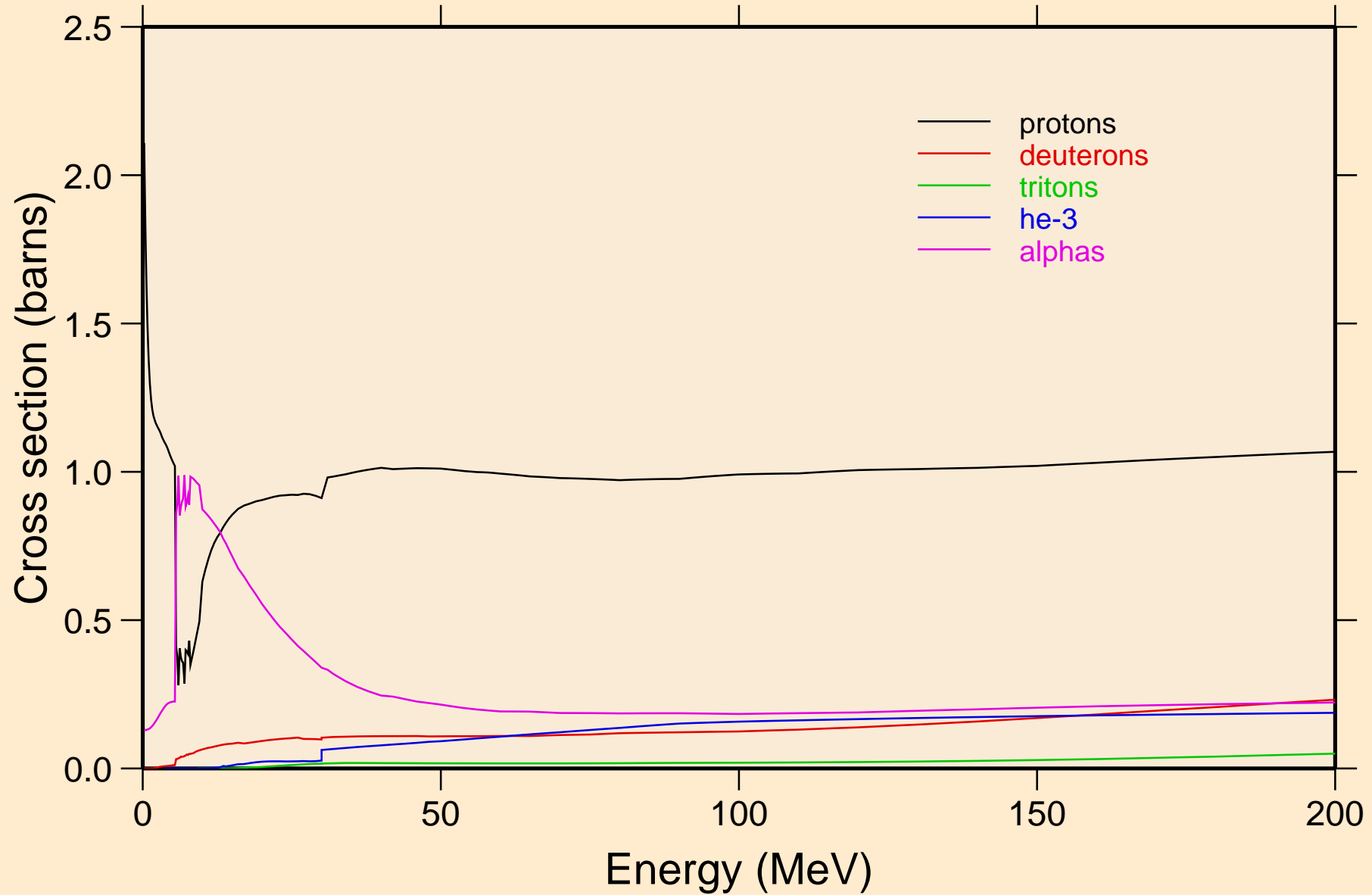


CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

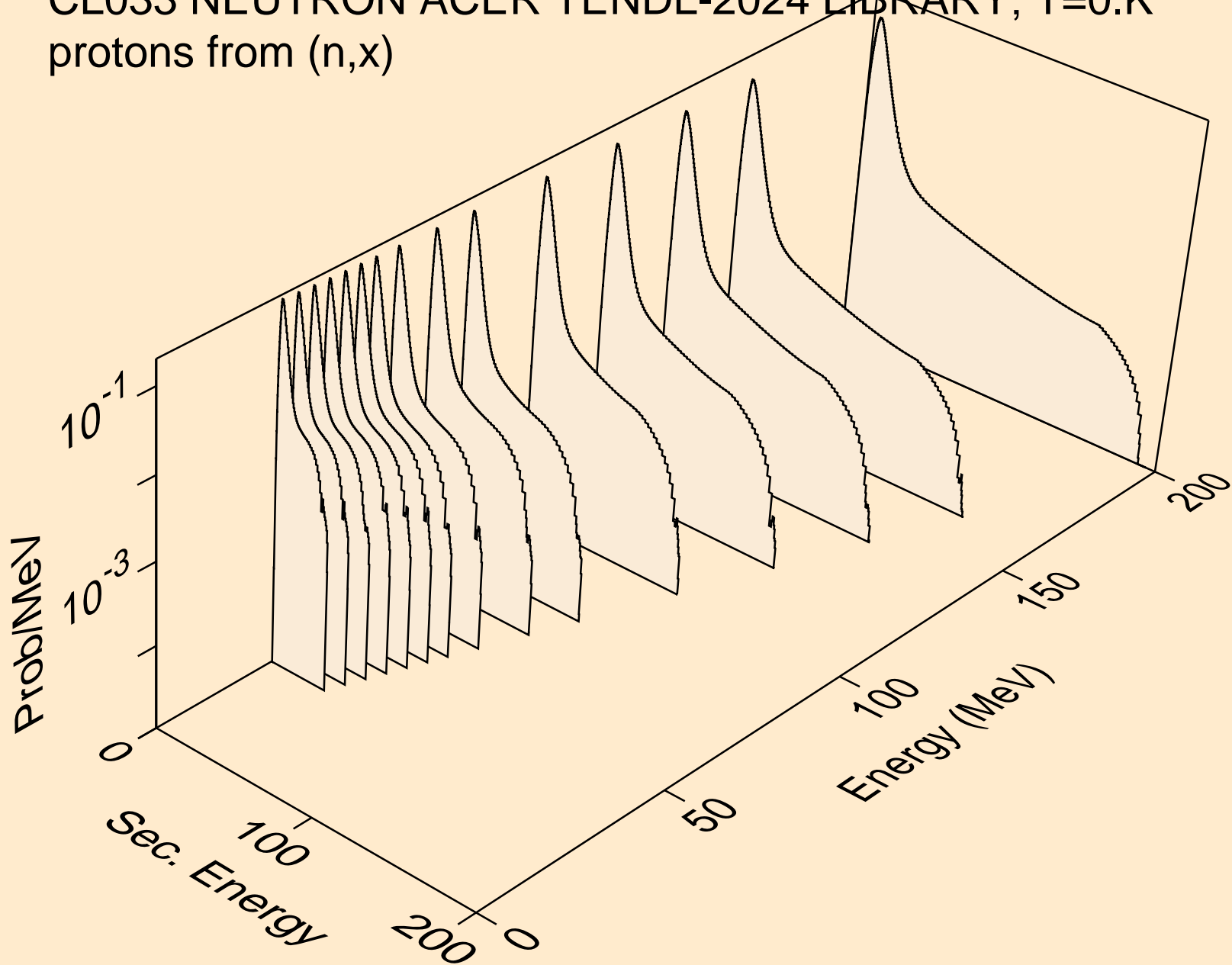


# CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

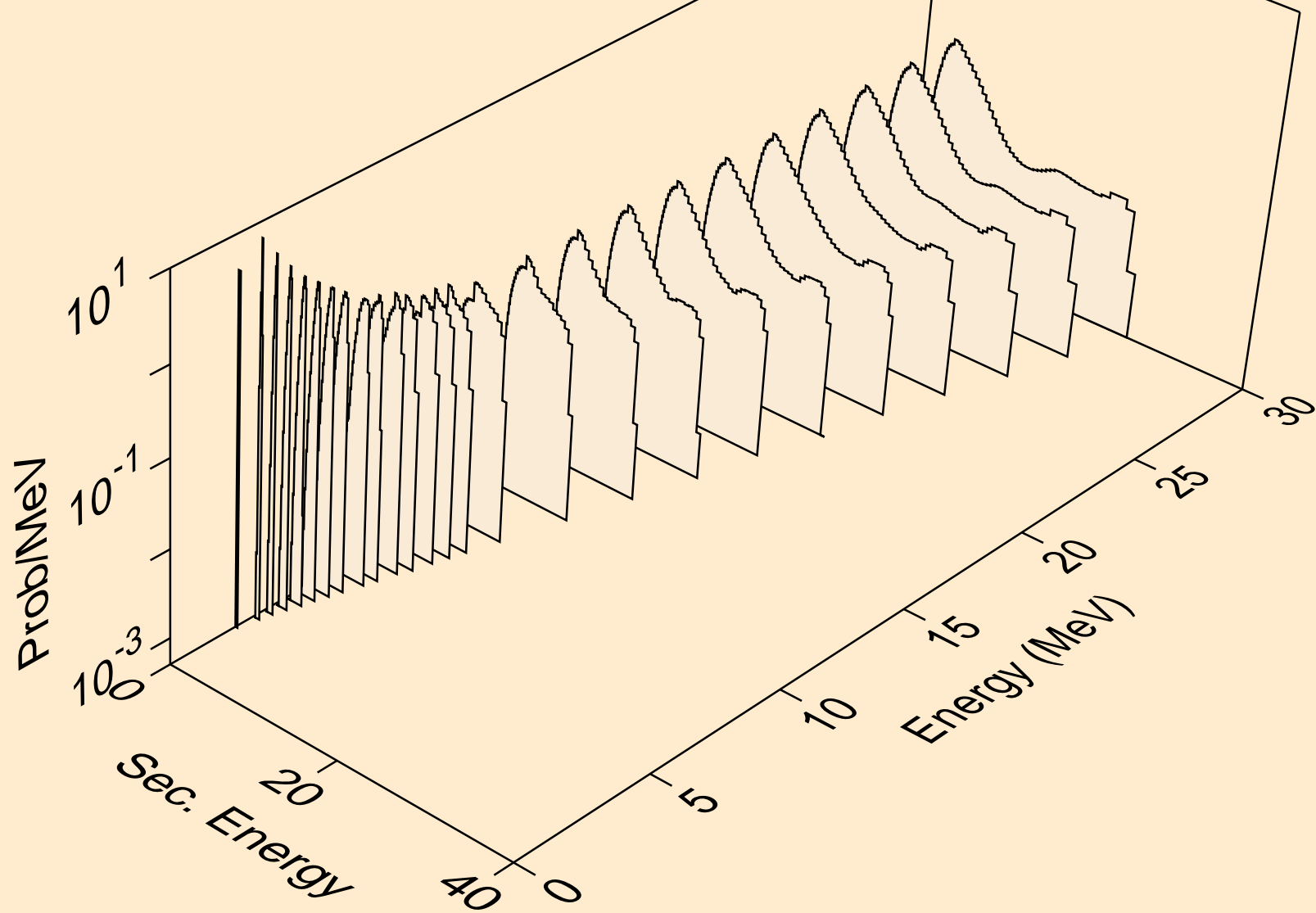
## Particle production cross sections



CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

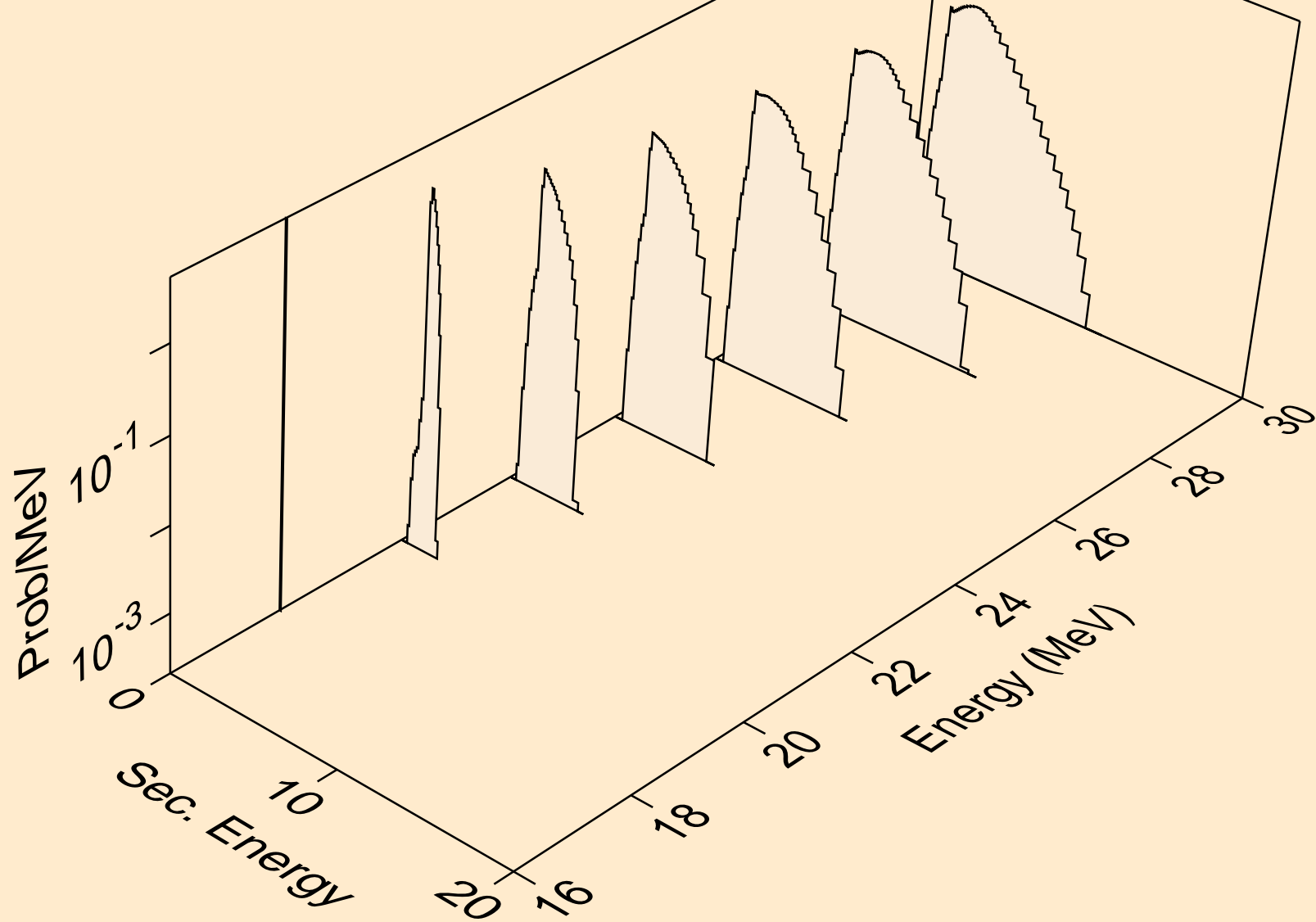


CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

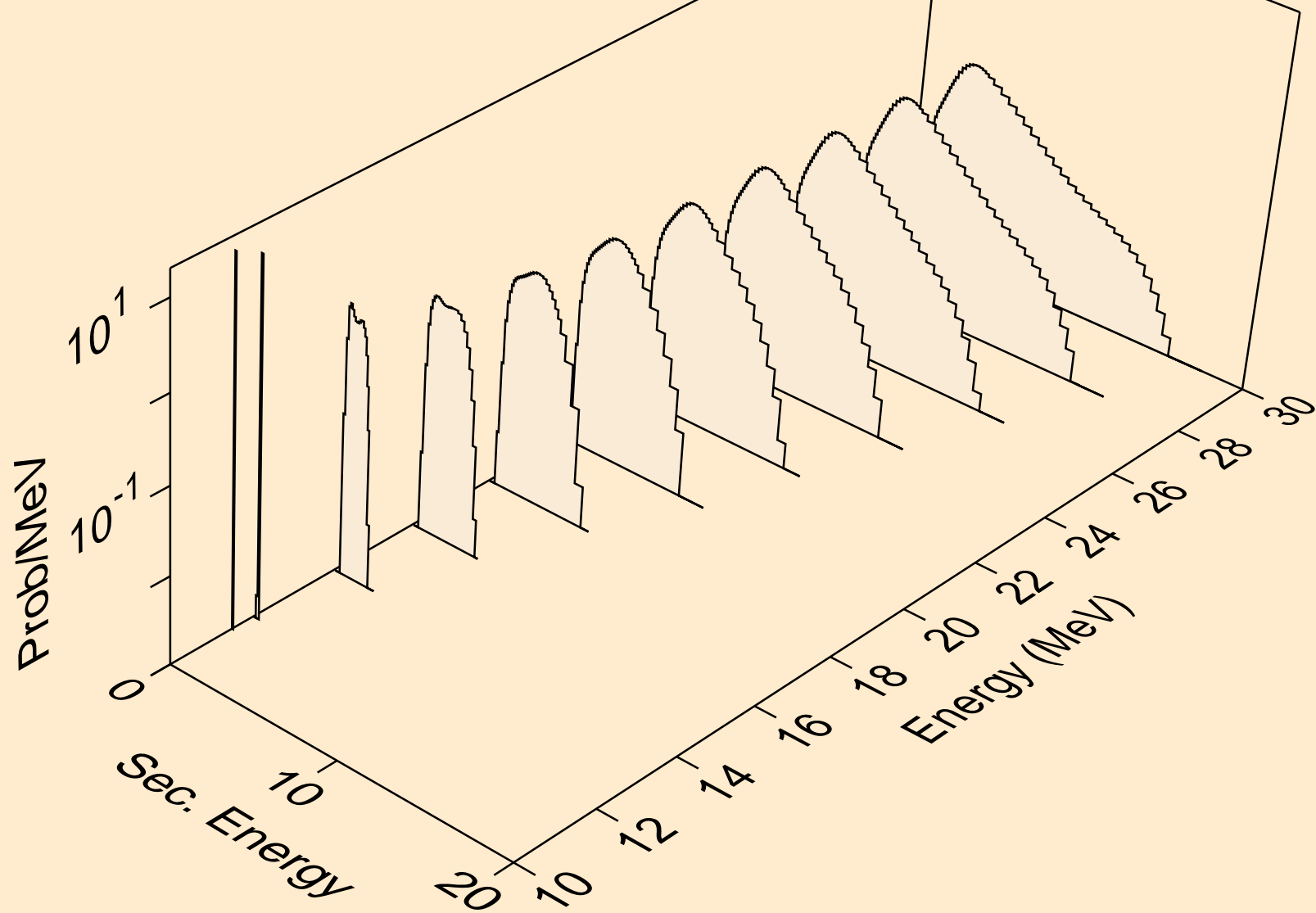




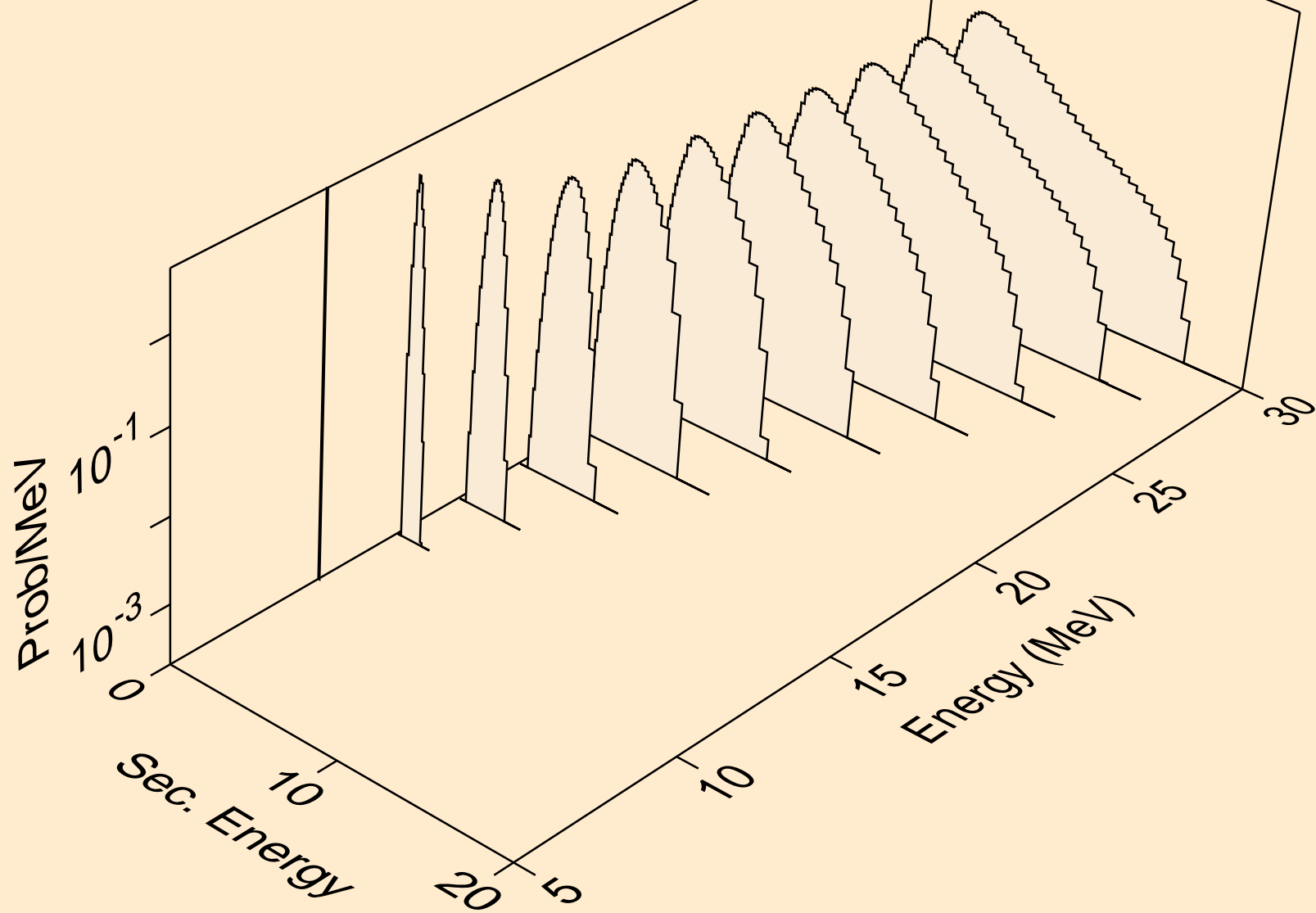
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



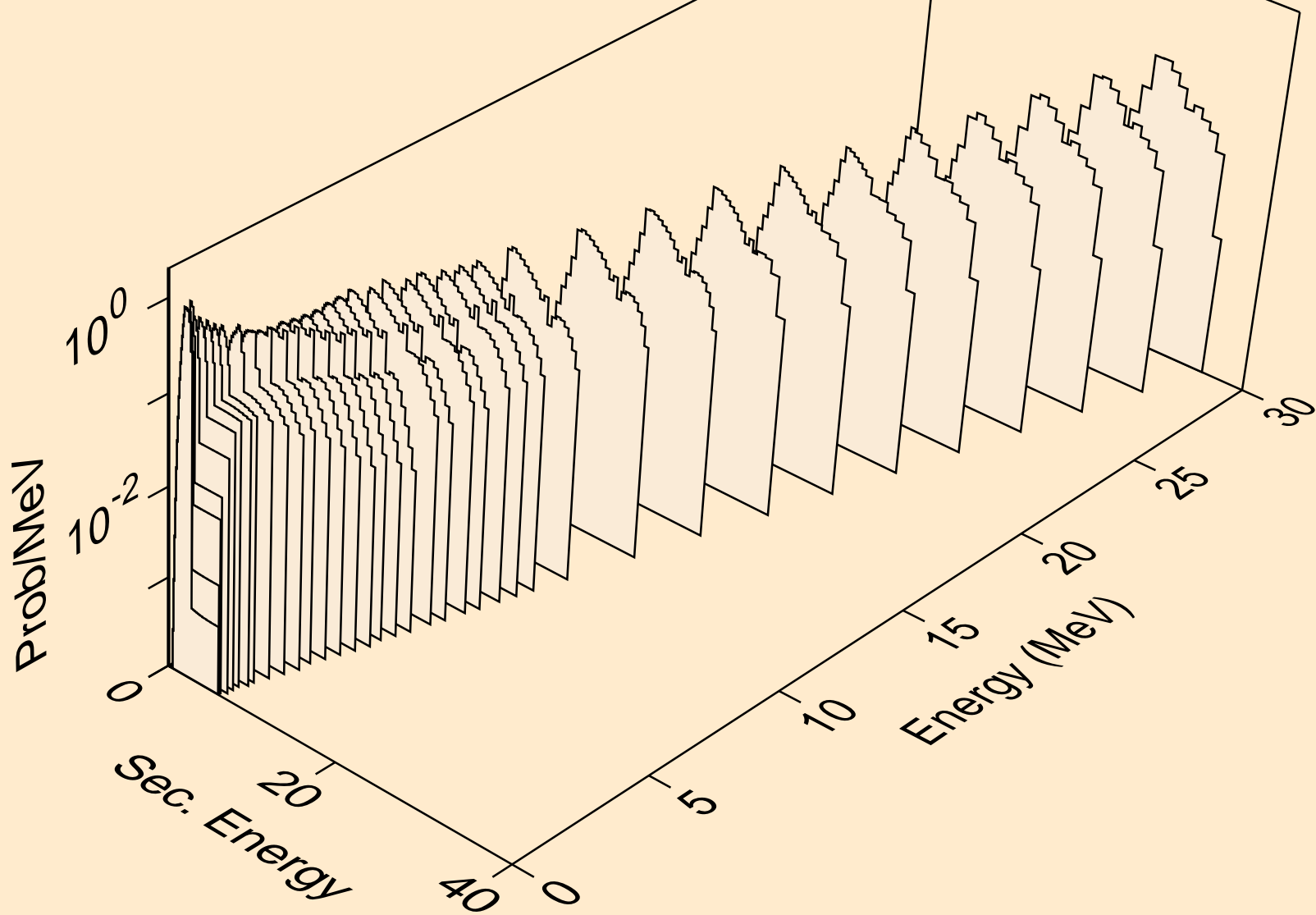
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protons from (n,n2p)



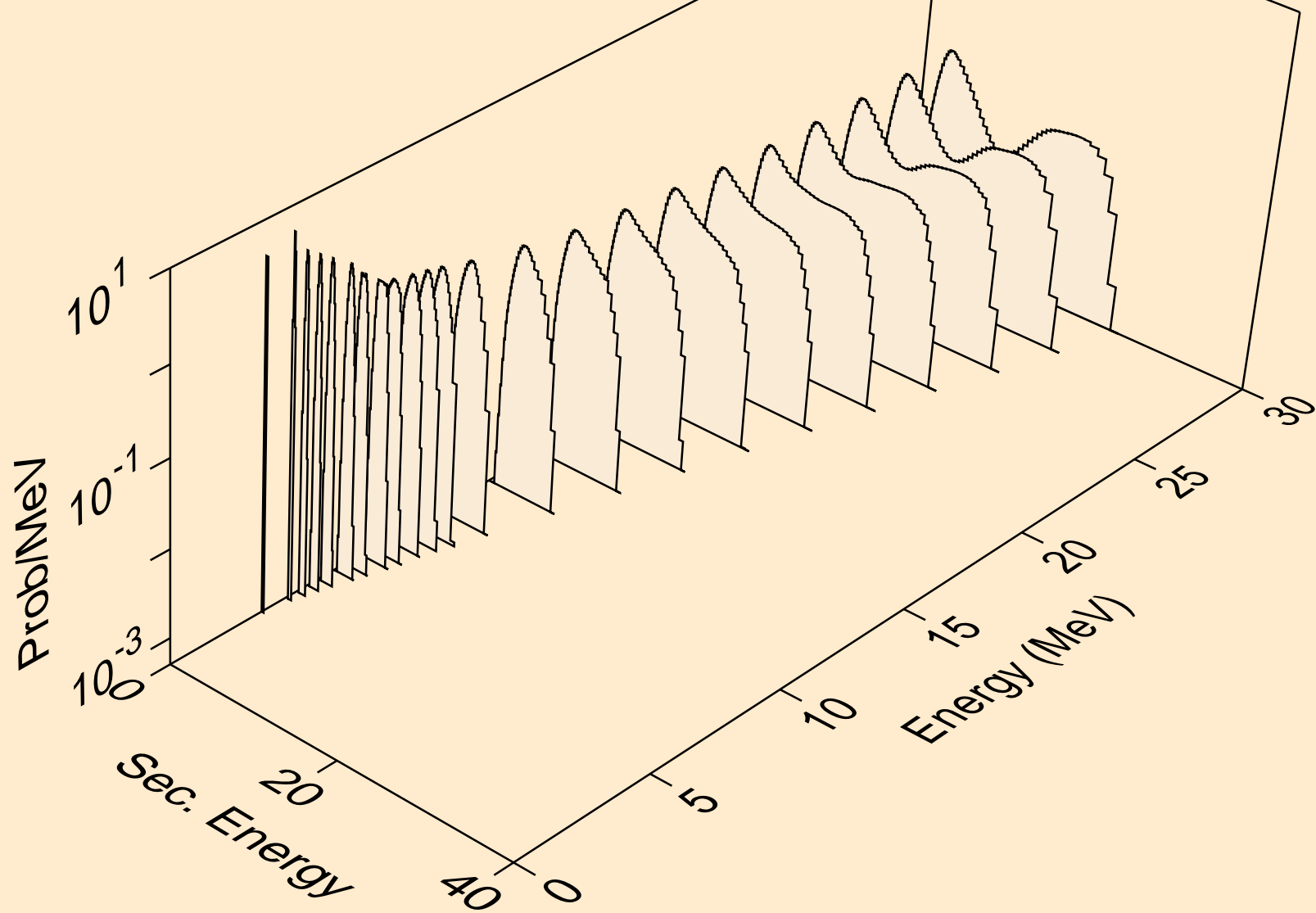
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protons from (n,npa)



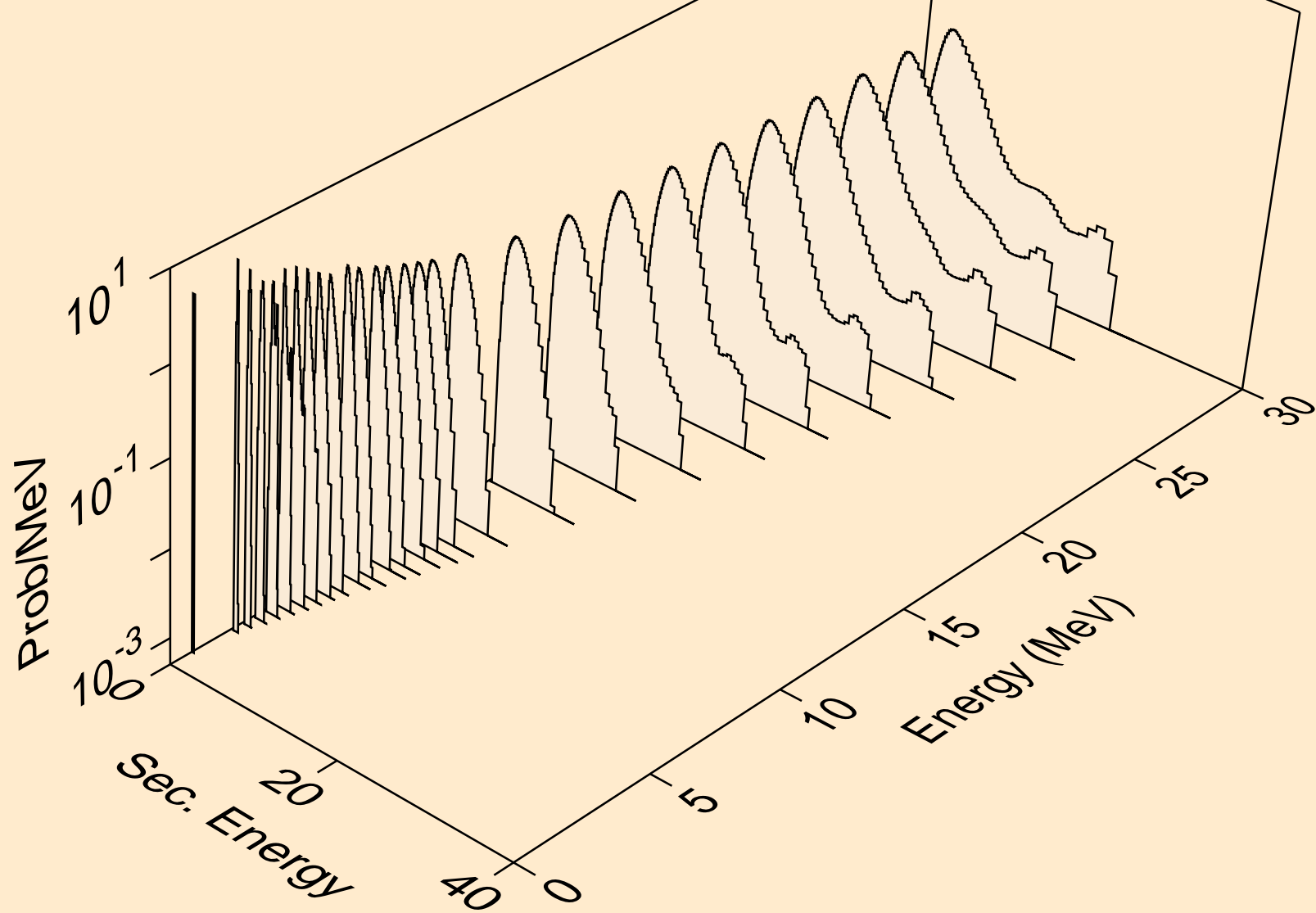
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protons from (n,p)



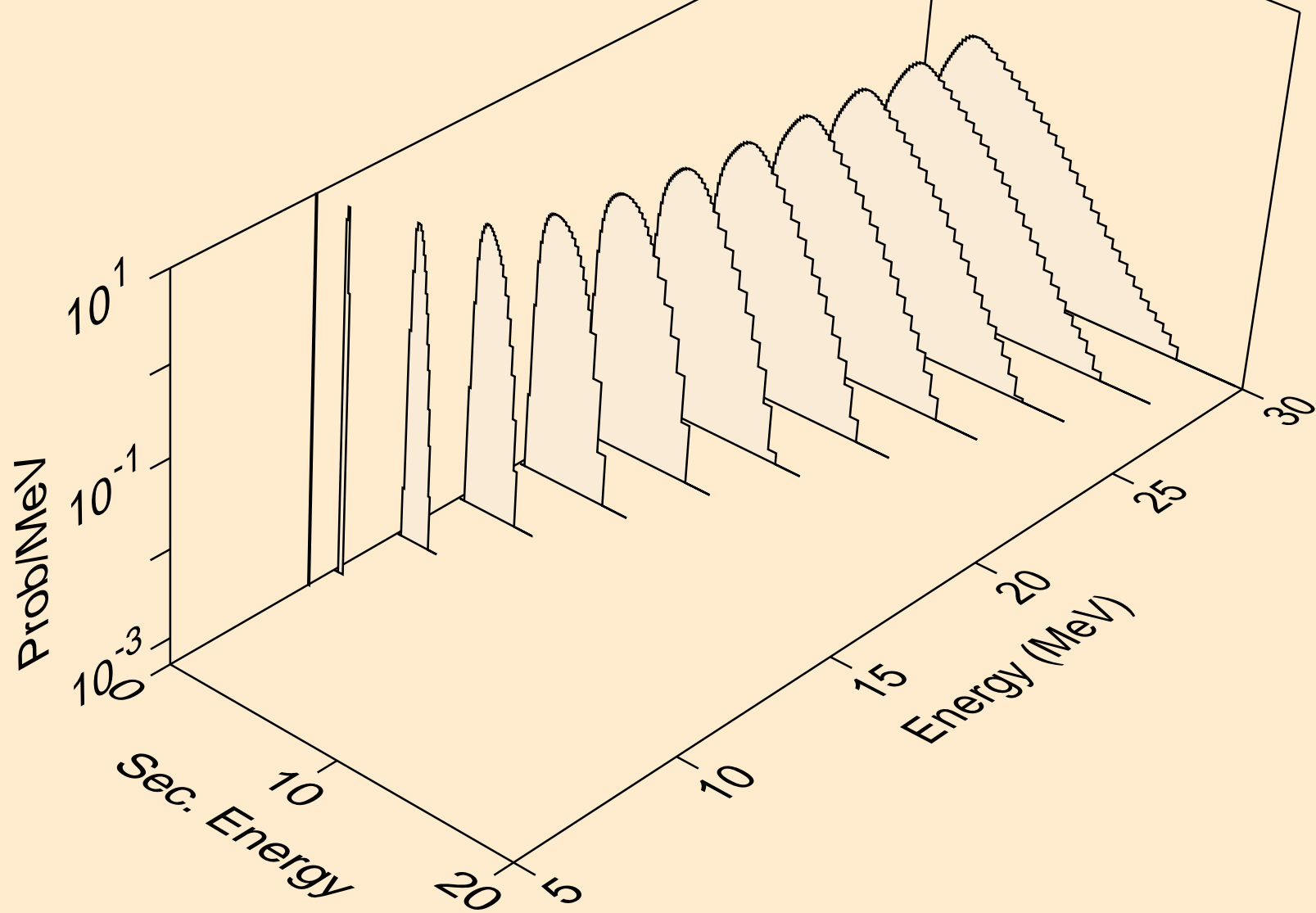
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



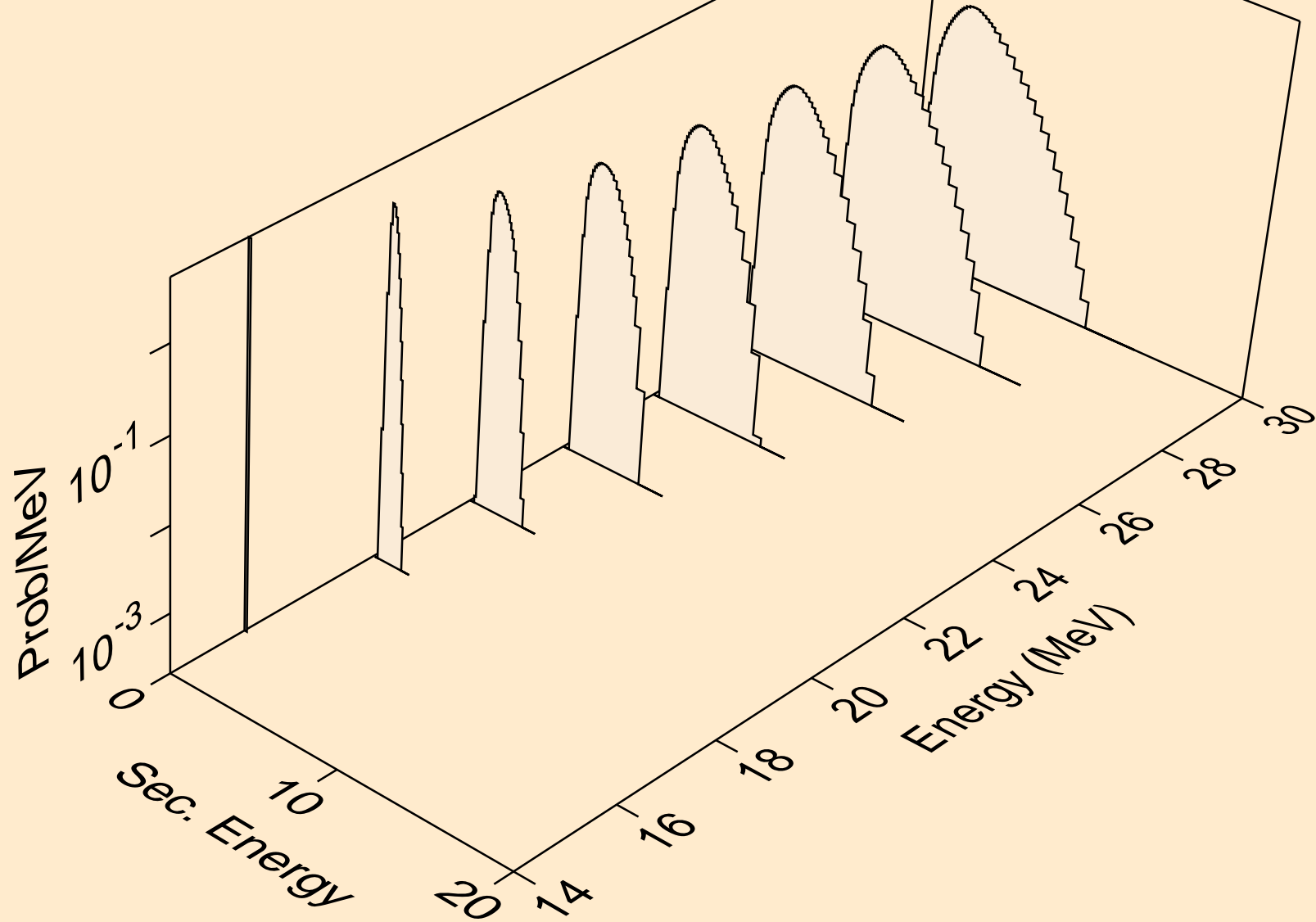
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)

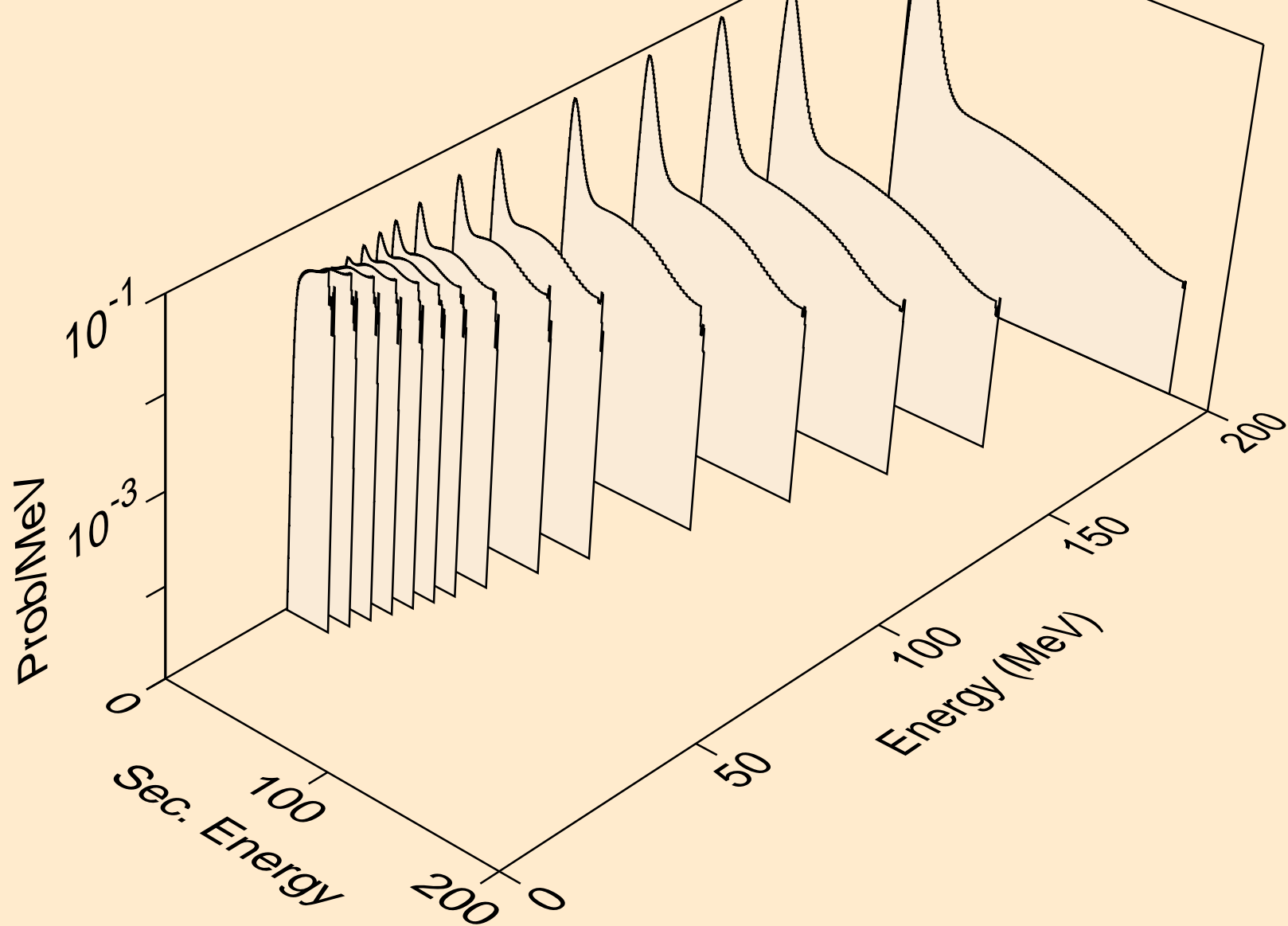


CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

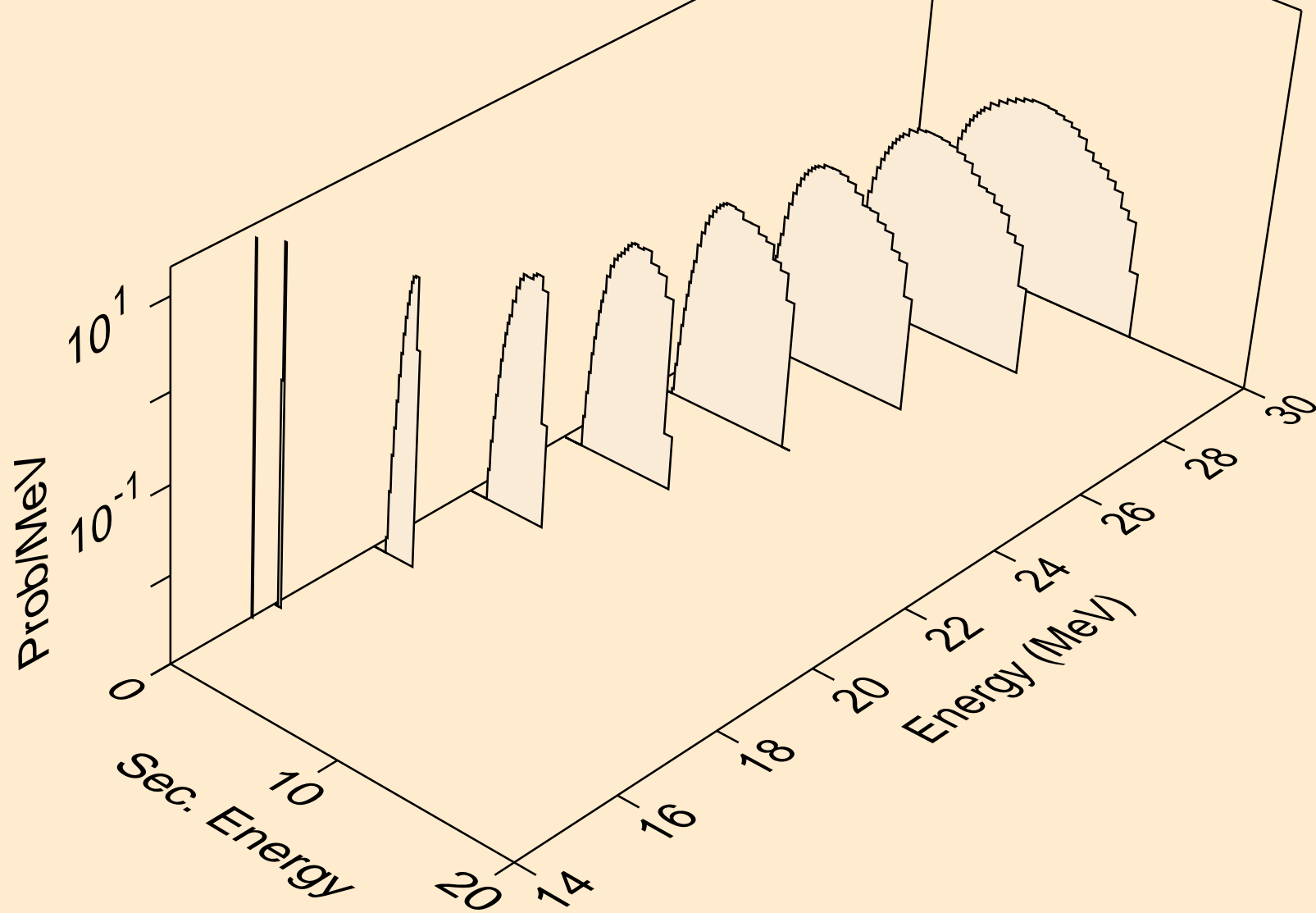




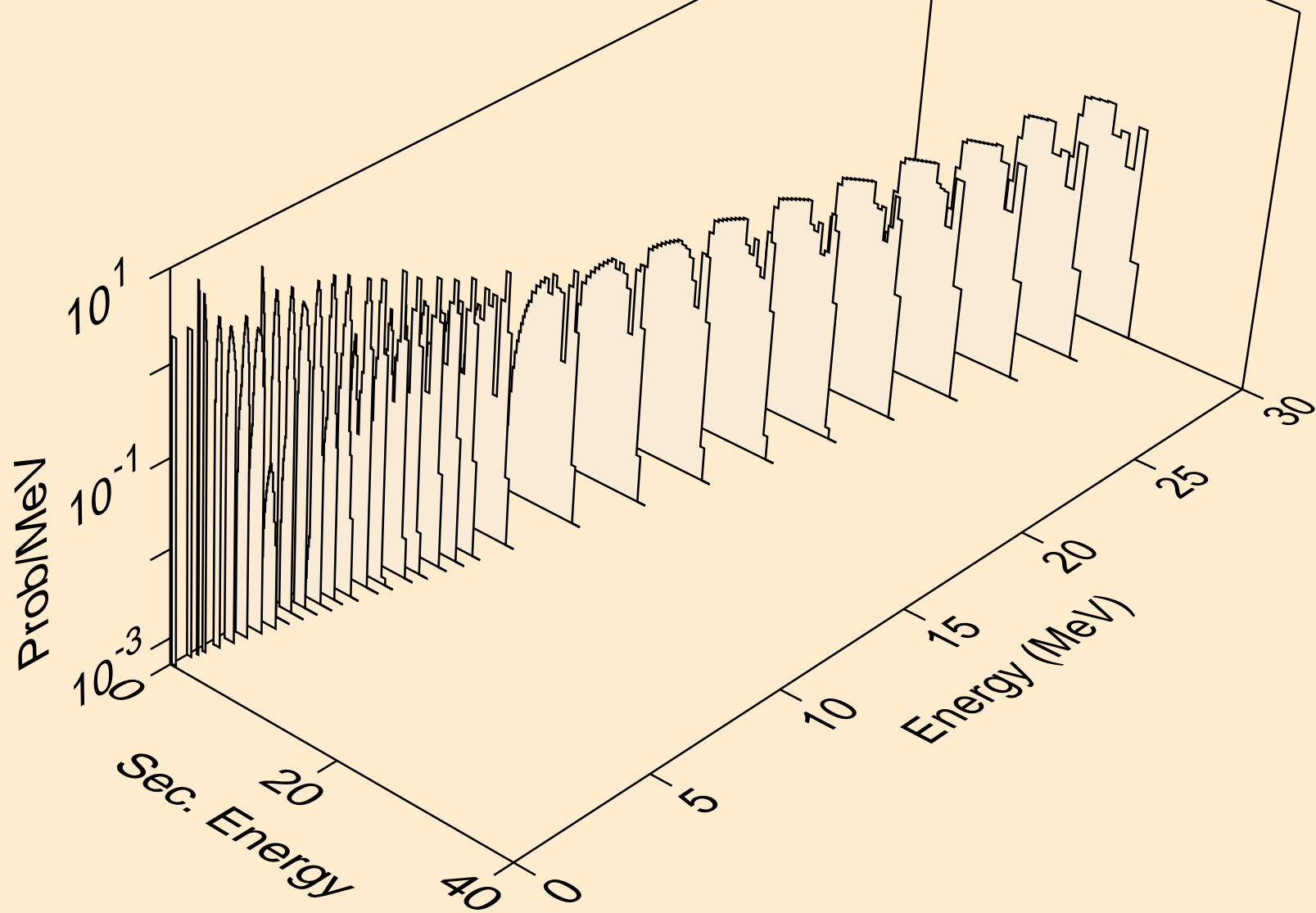
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



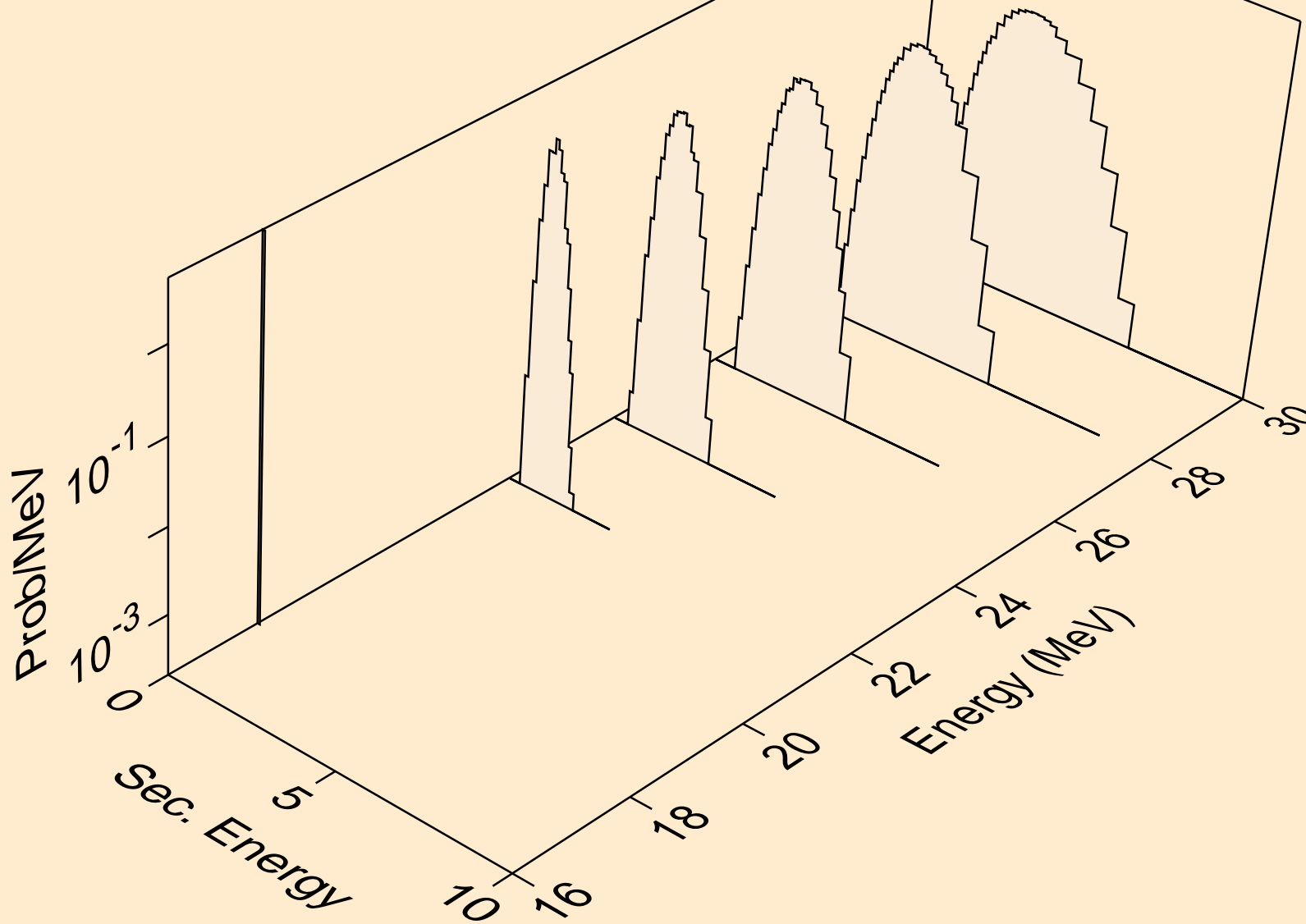
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deuterons from (n,n\*)d



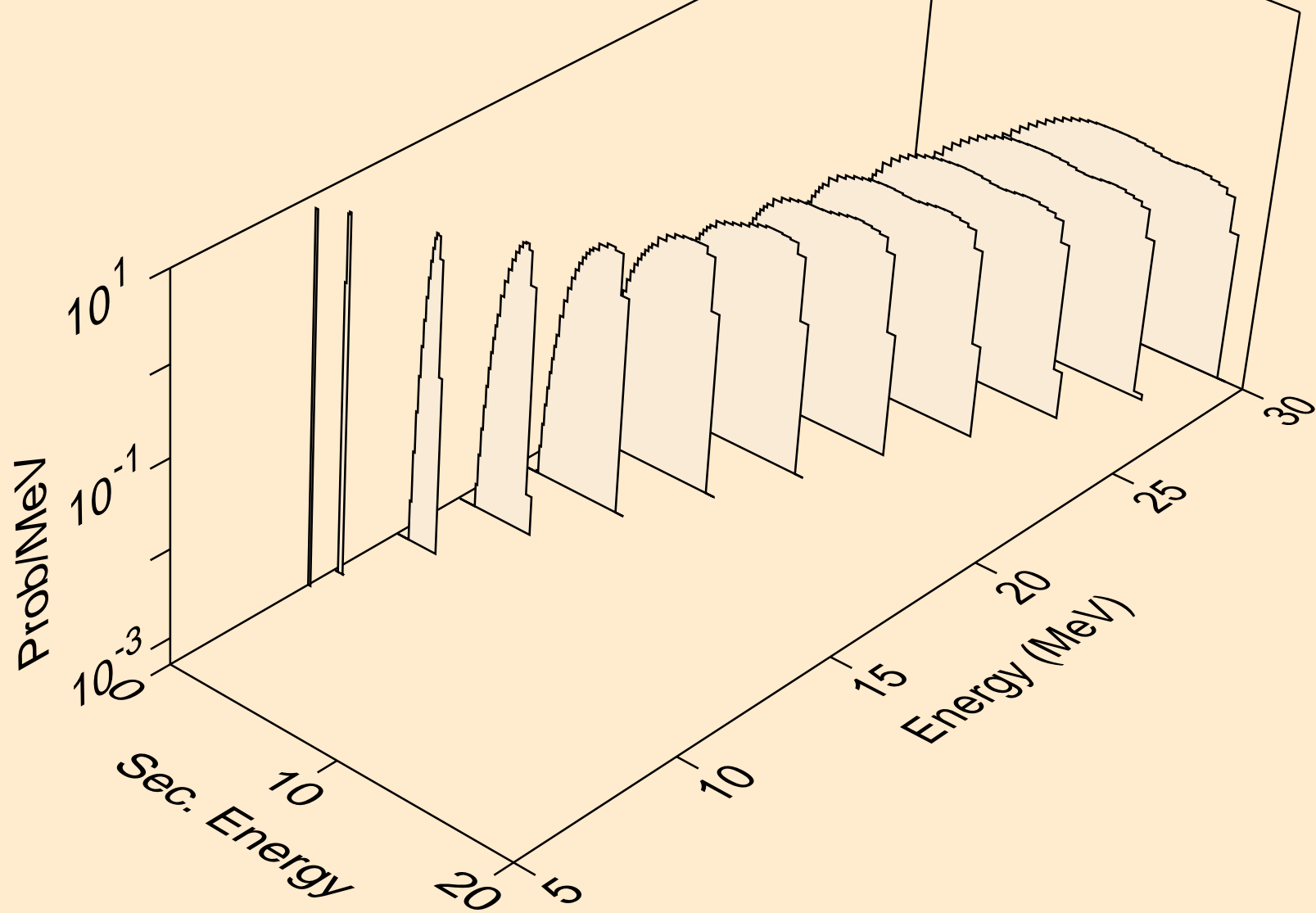
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deuterons from (n,d)



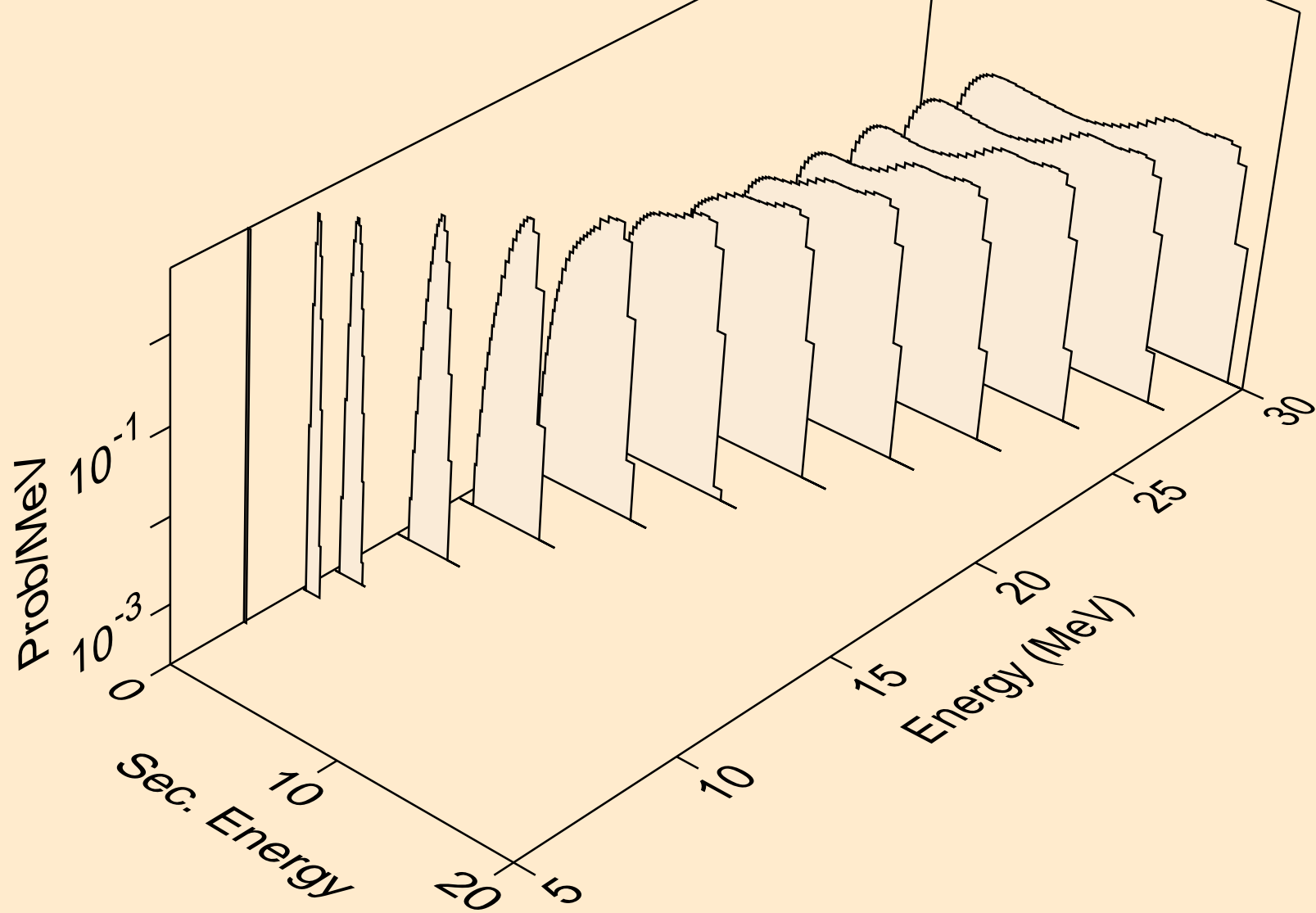
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d2a)



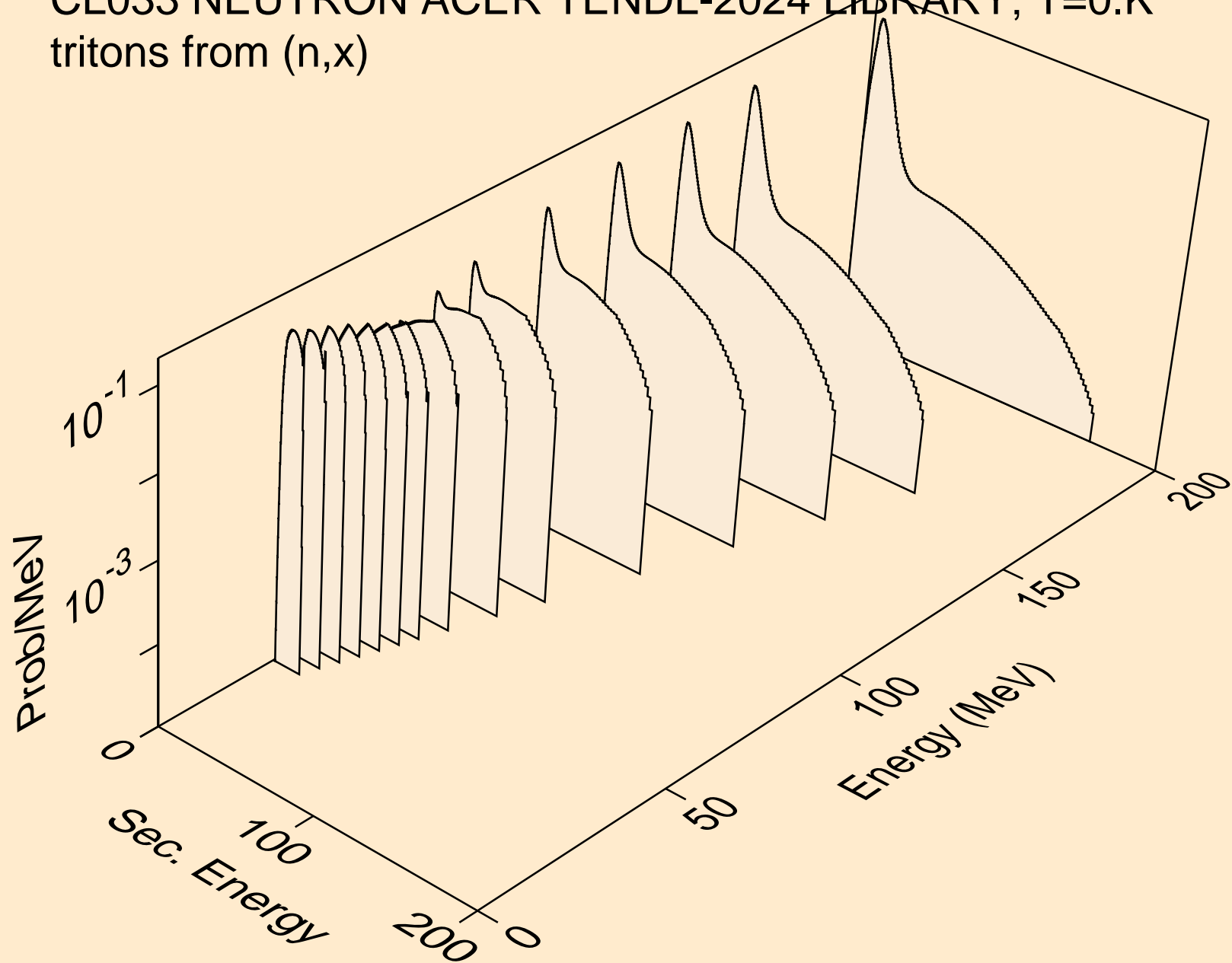
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



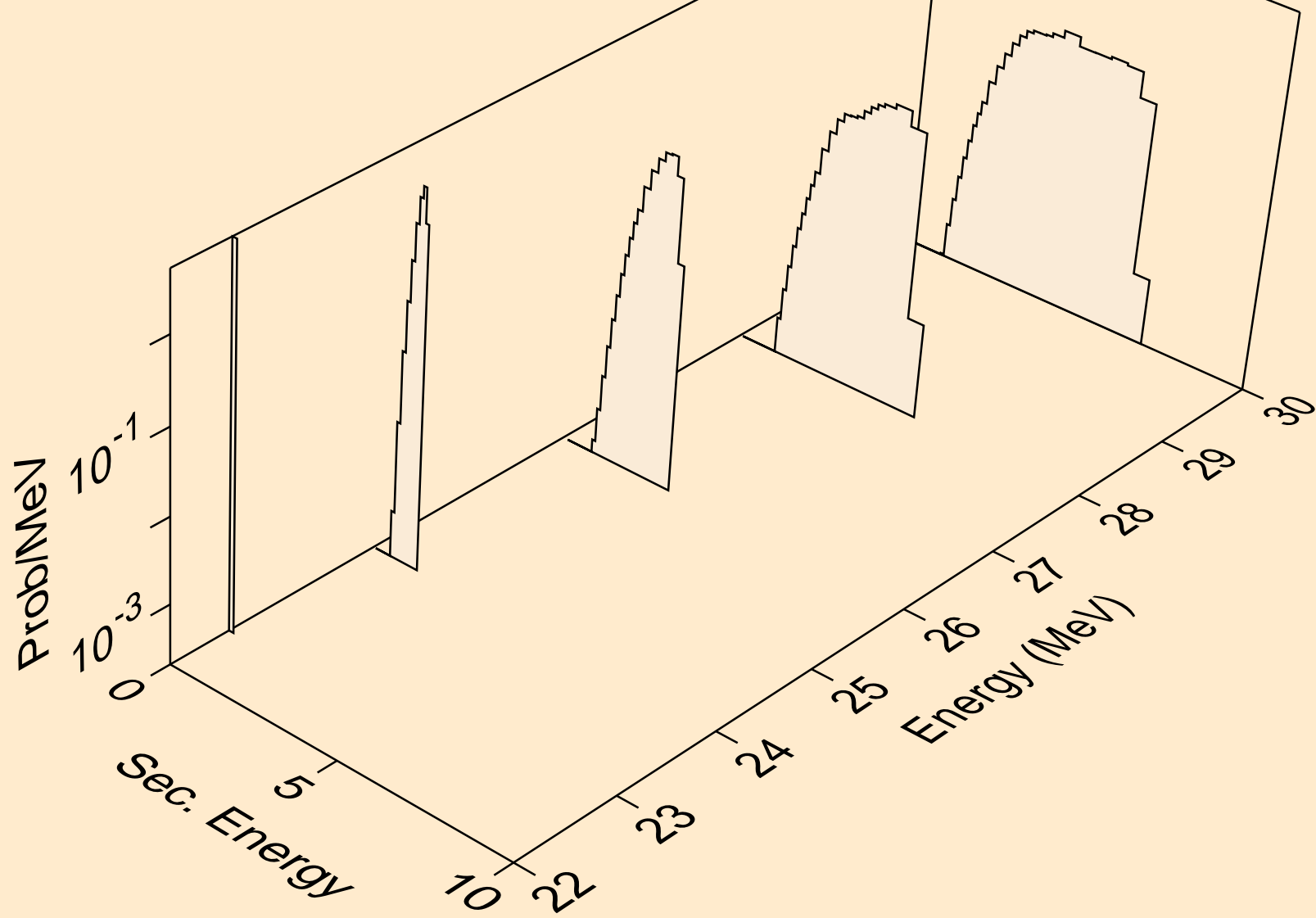
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)



CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

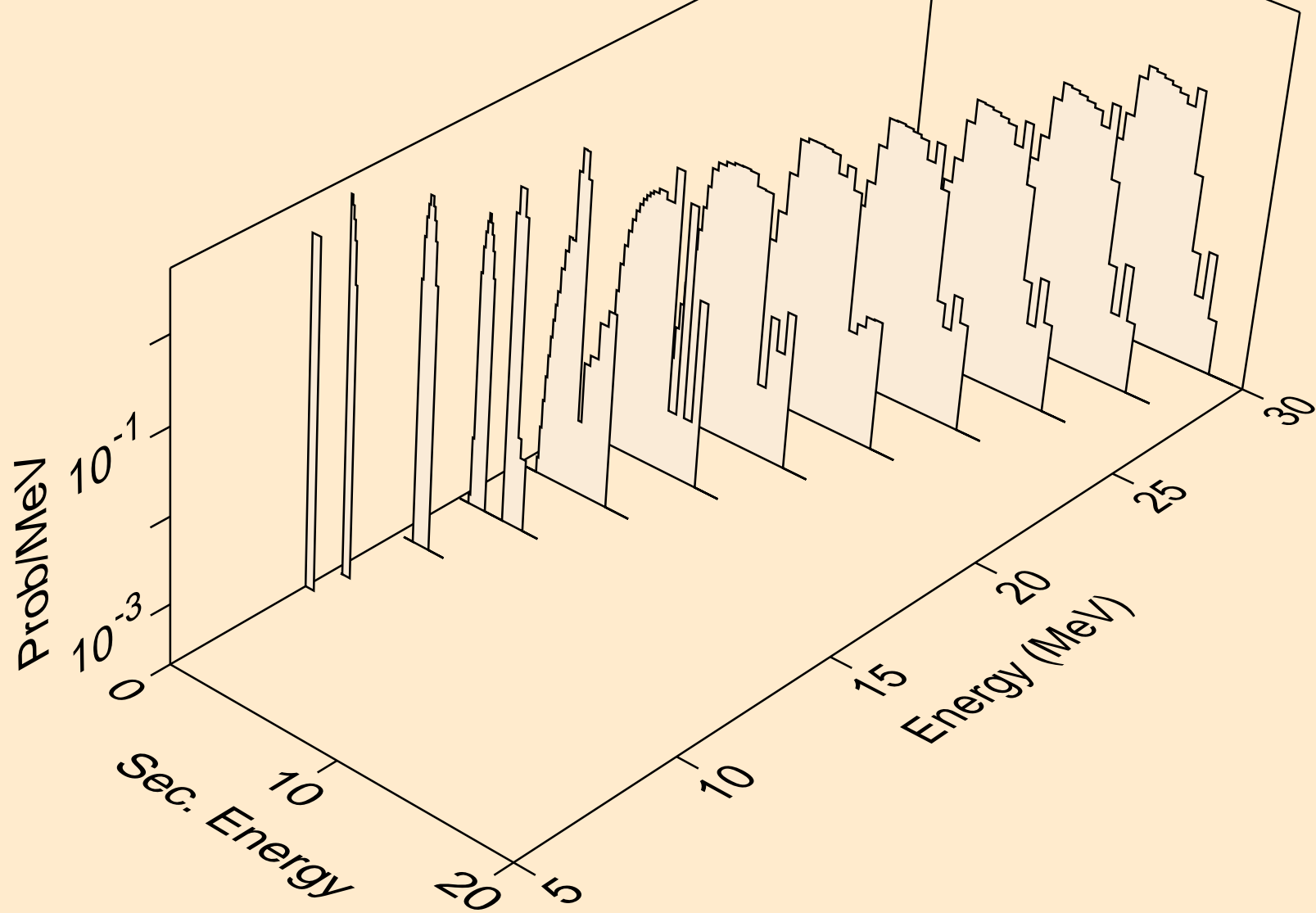


CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

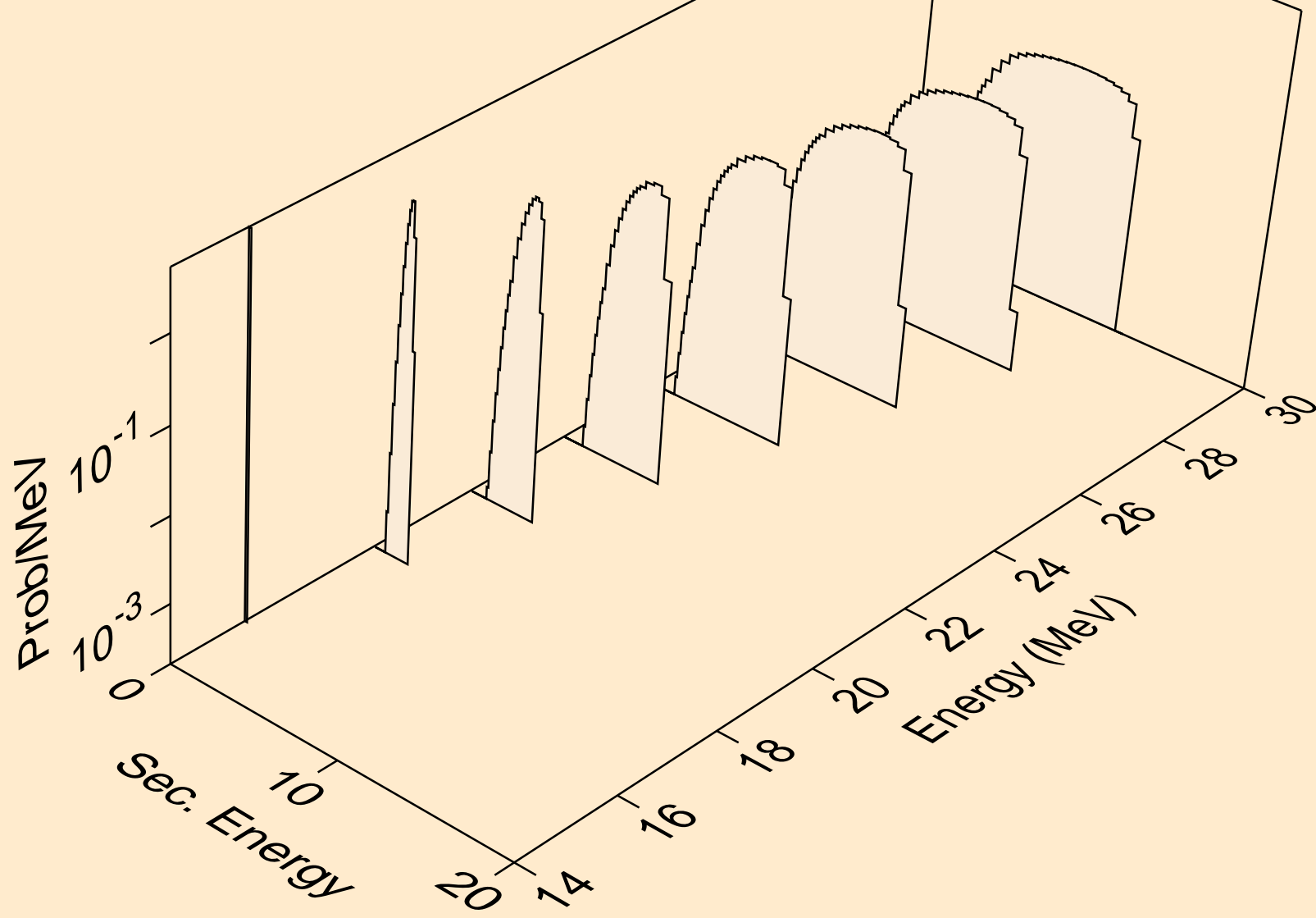




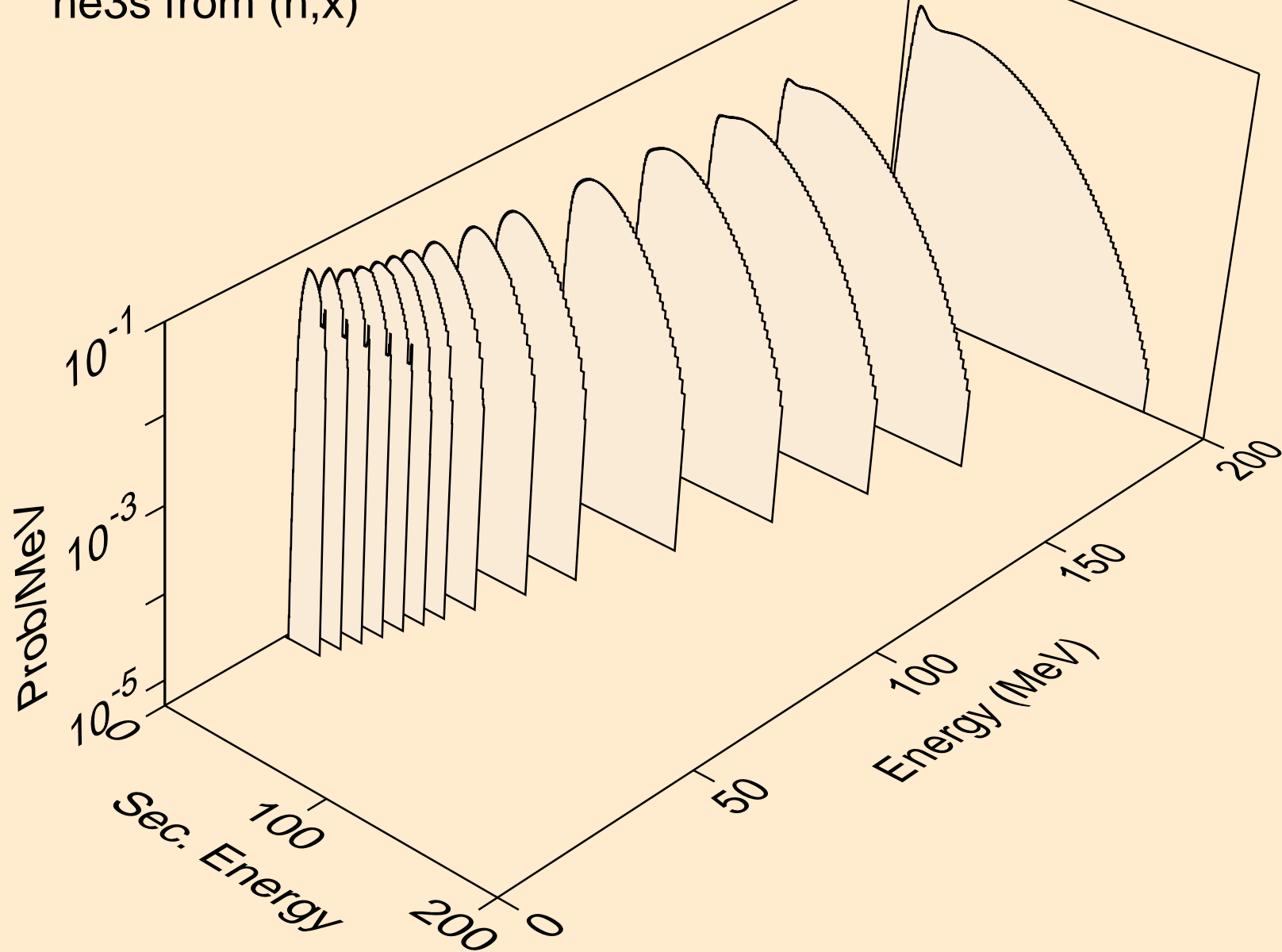
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



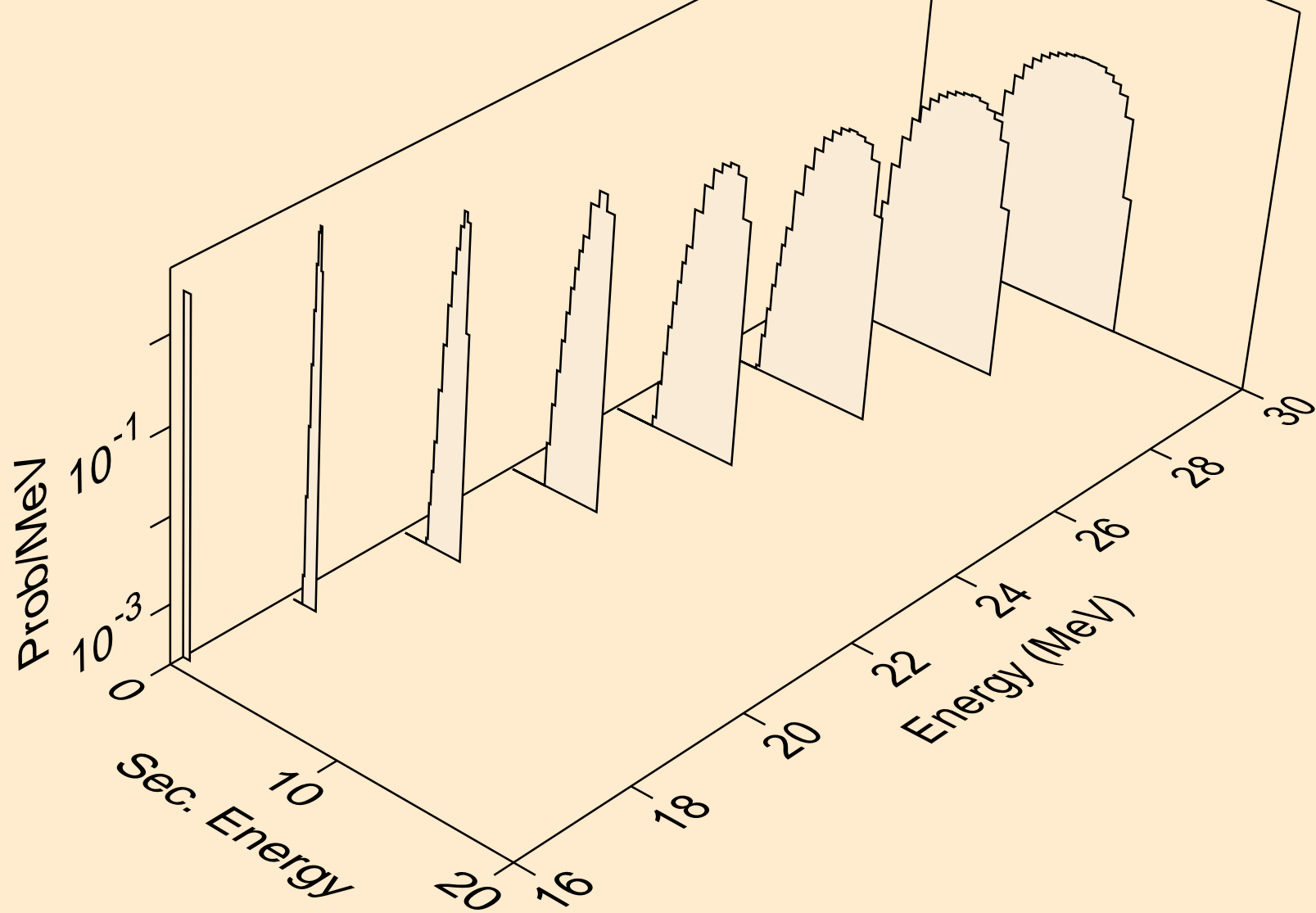
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tritons from (n,pt)



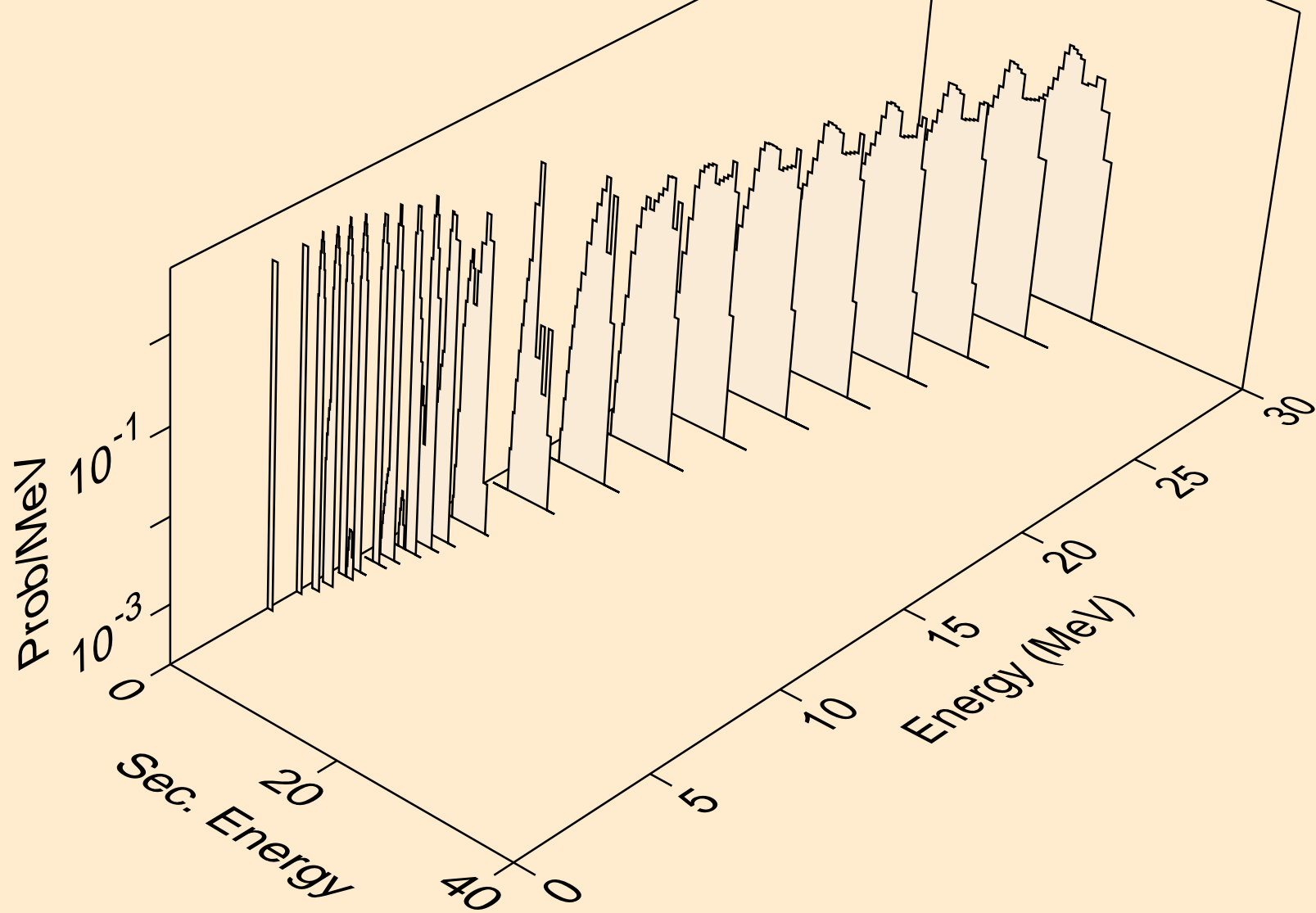
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



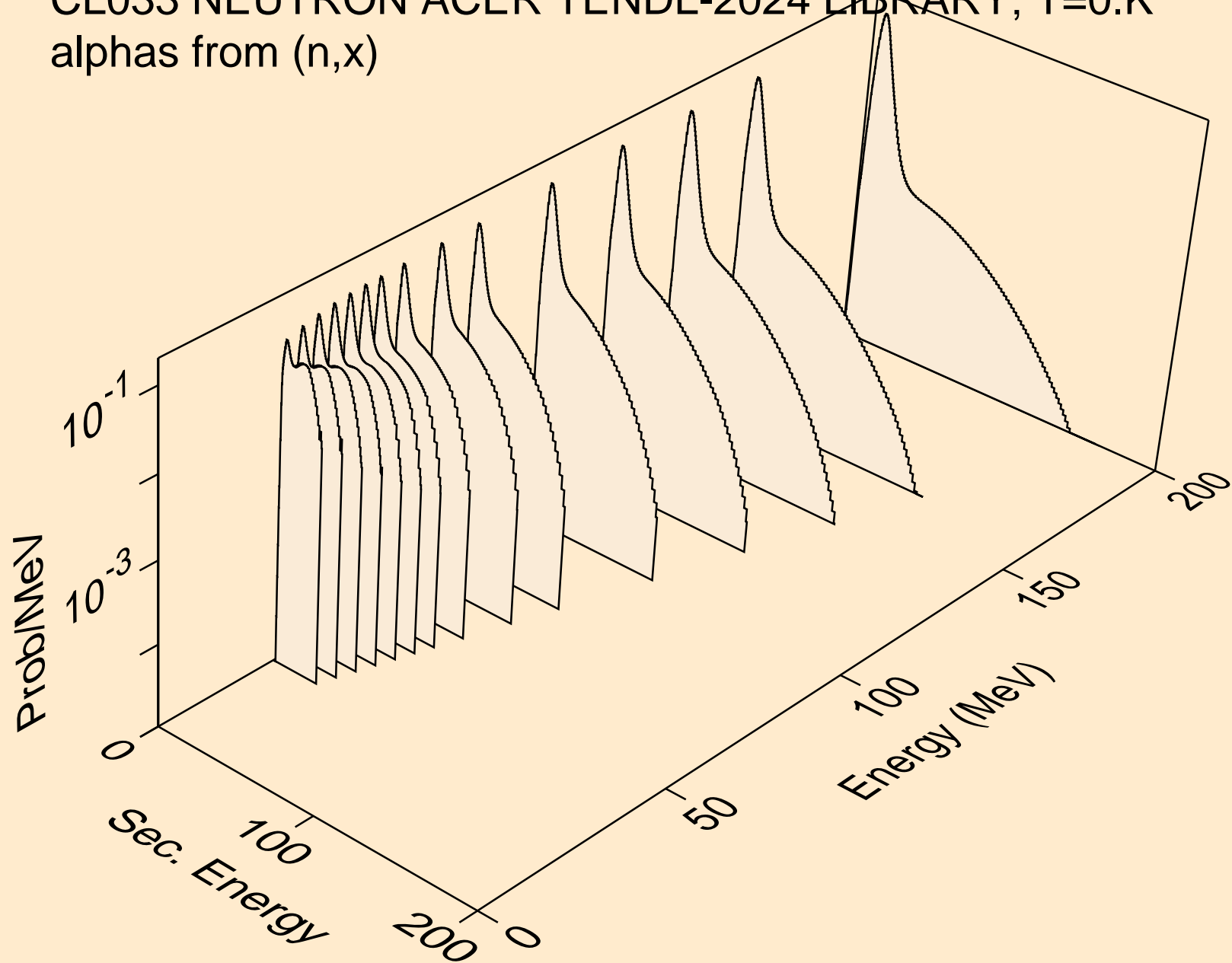
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



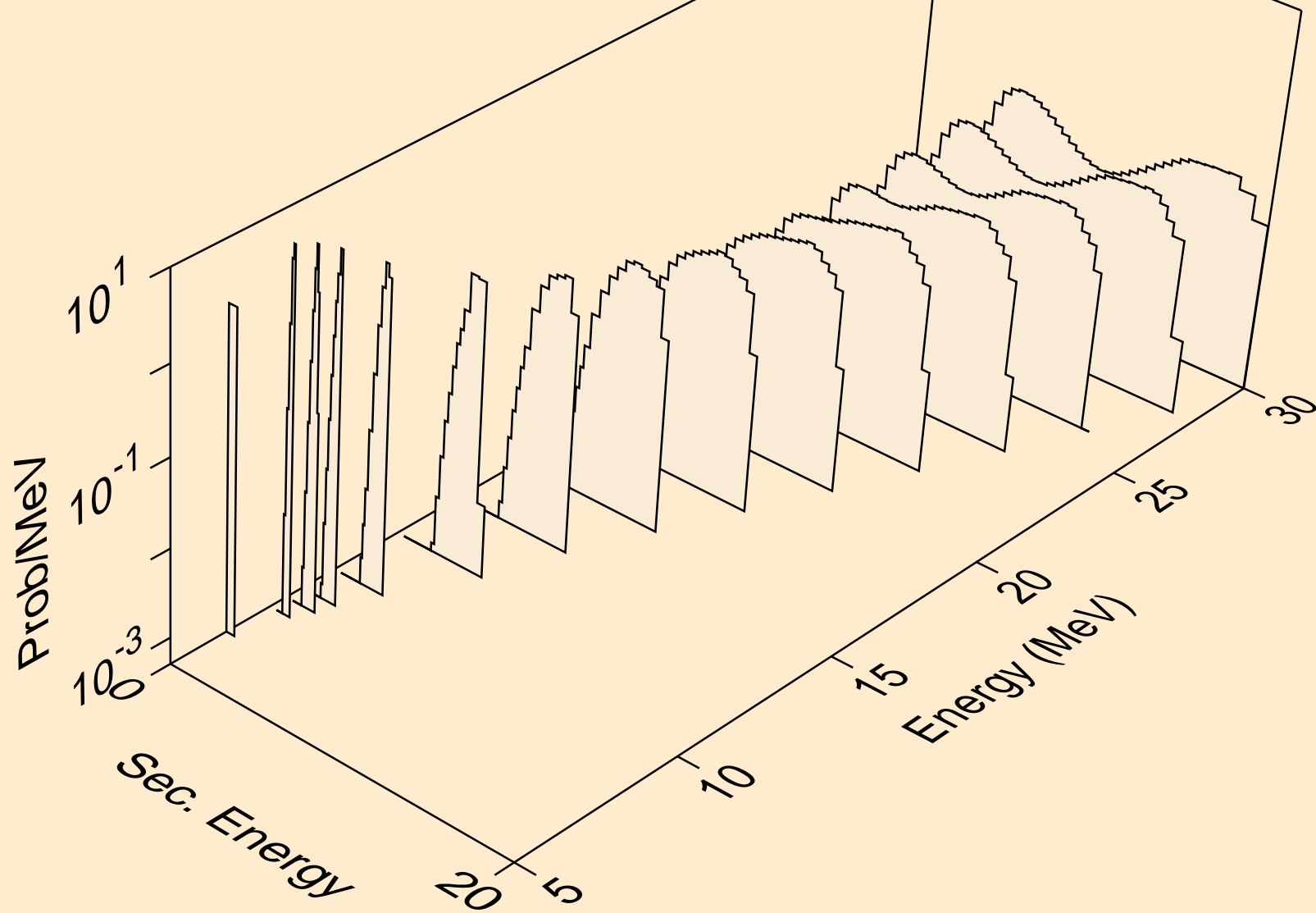
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he3s from (n,he3)



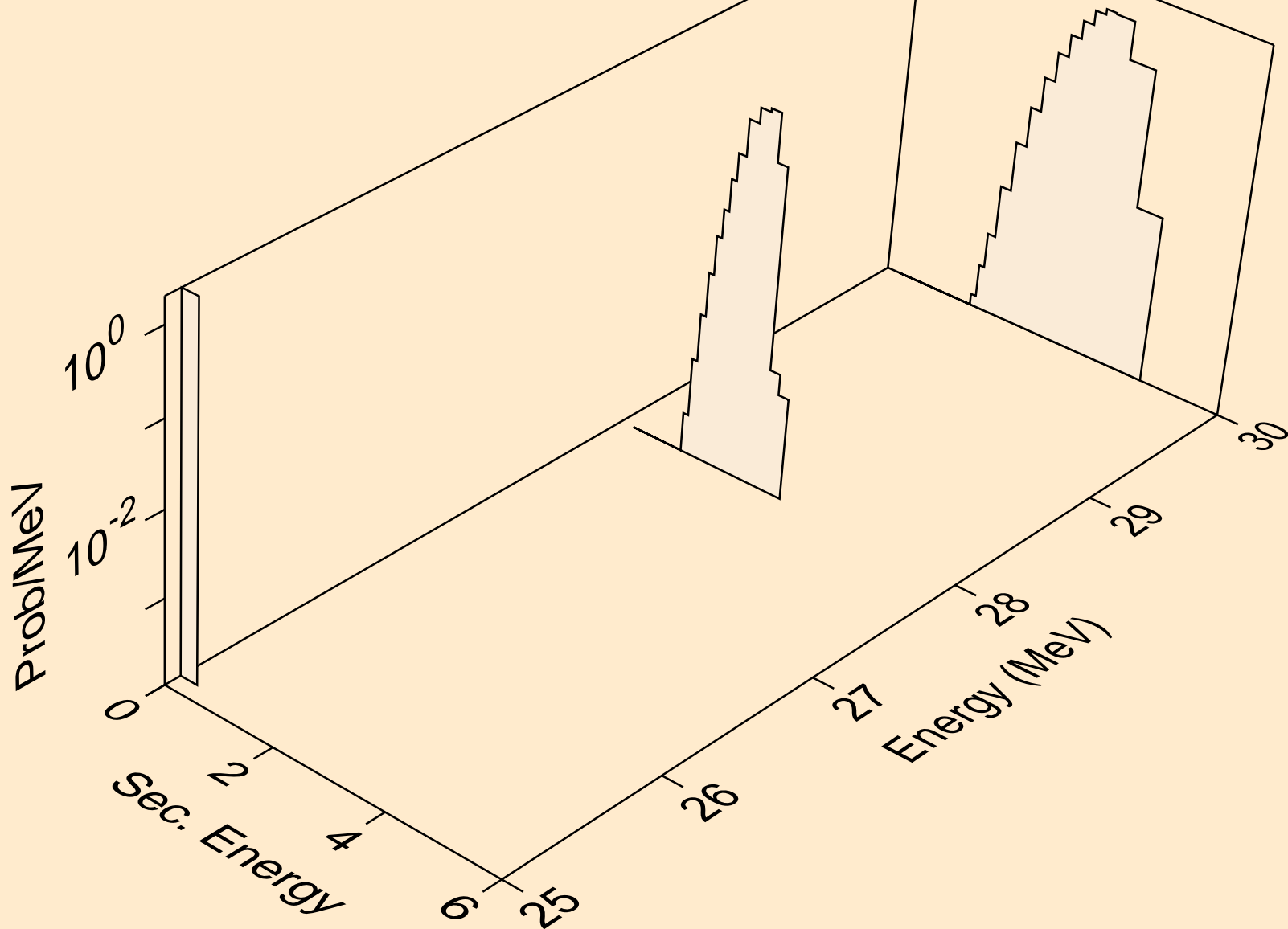
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

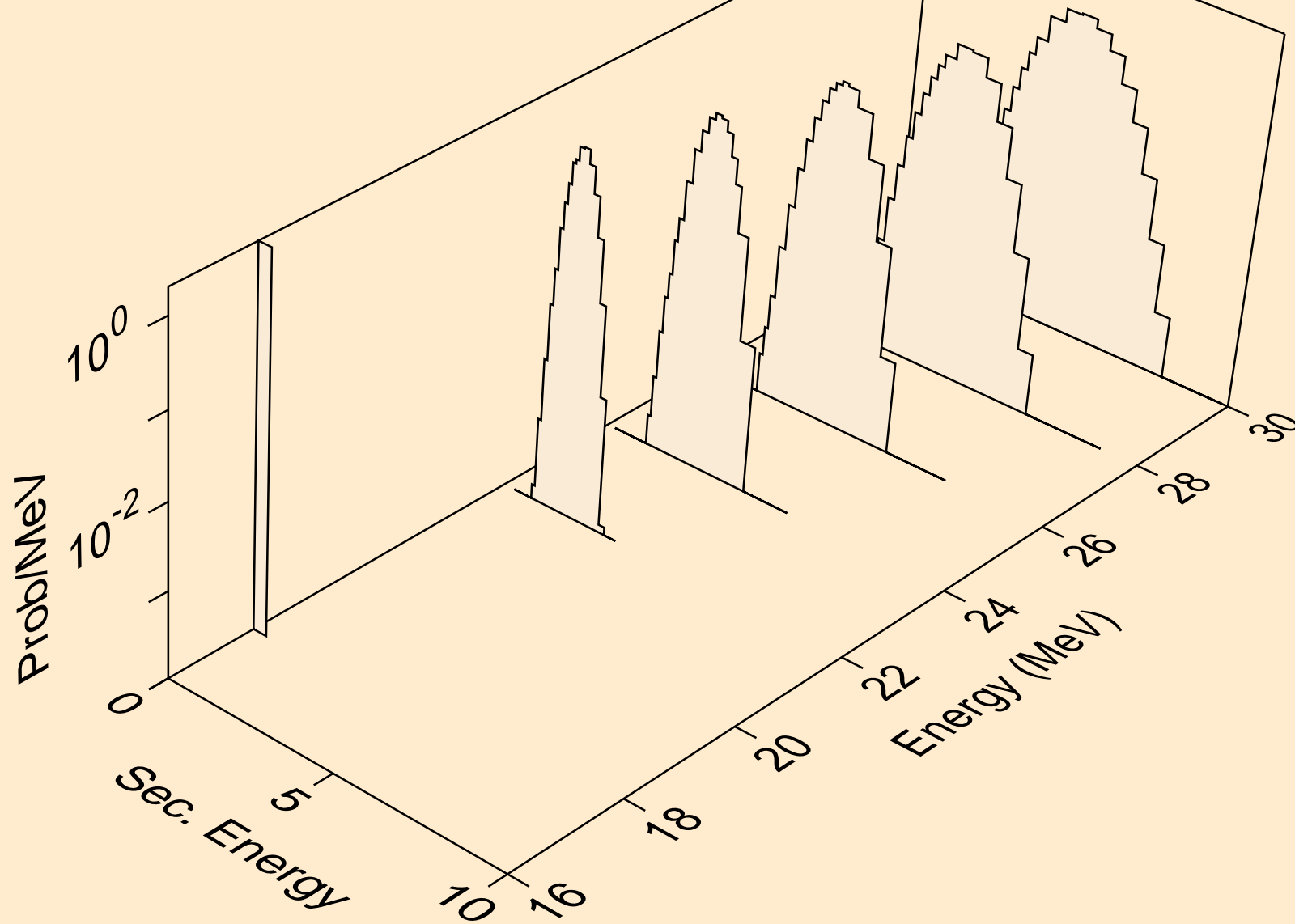


CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

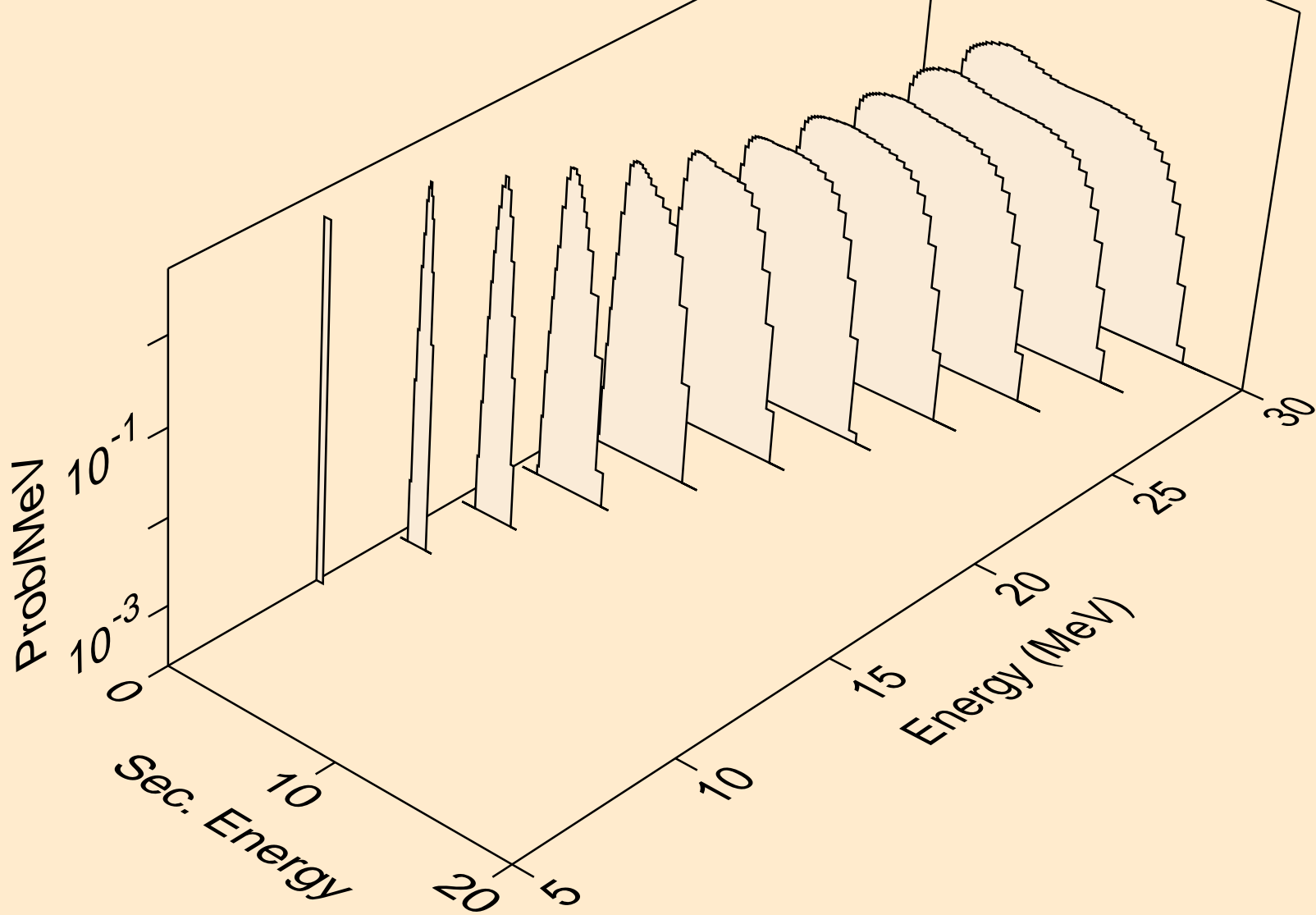




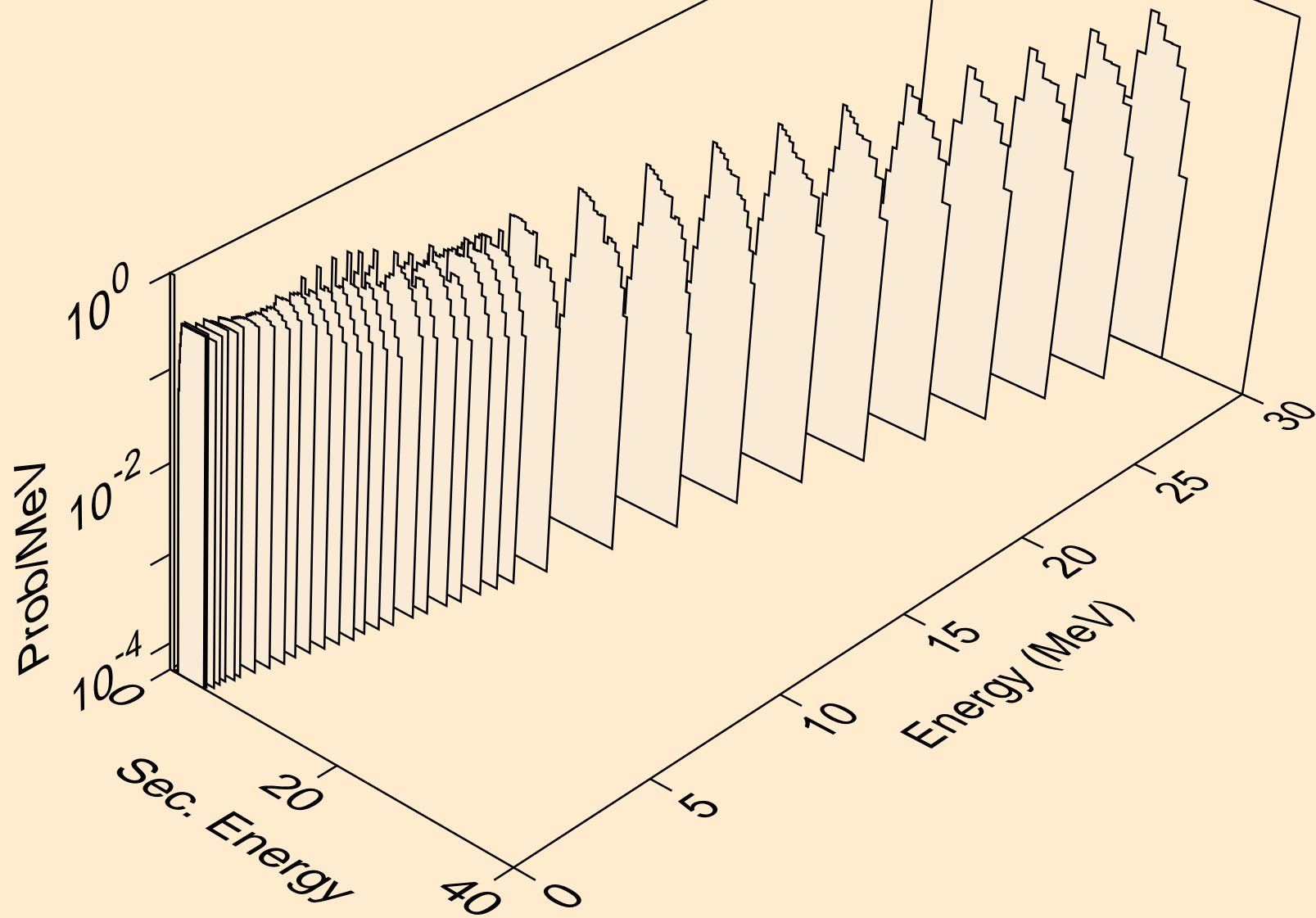
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alphas from (n,n\*)2a



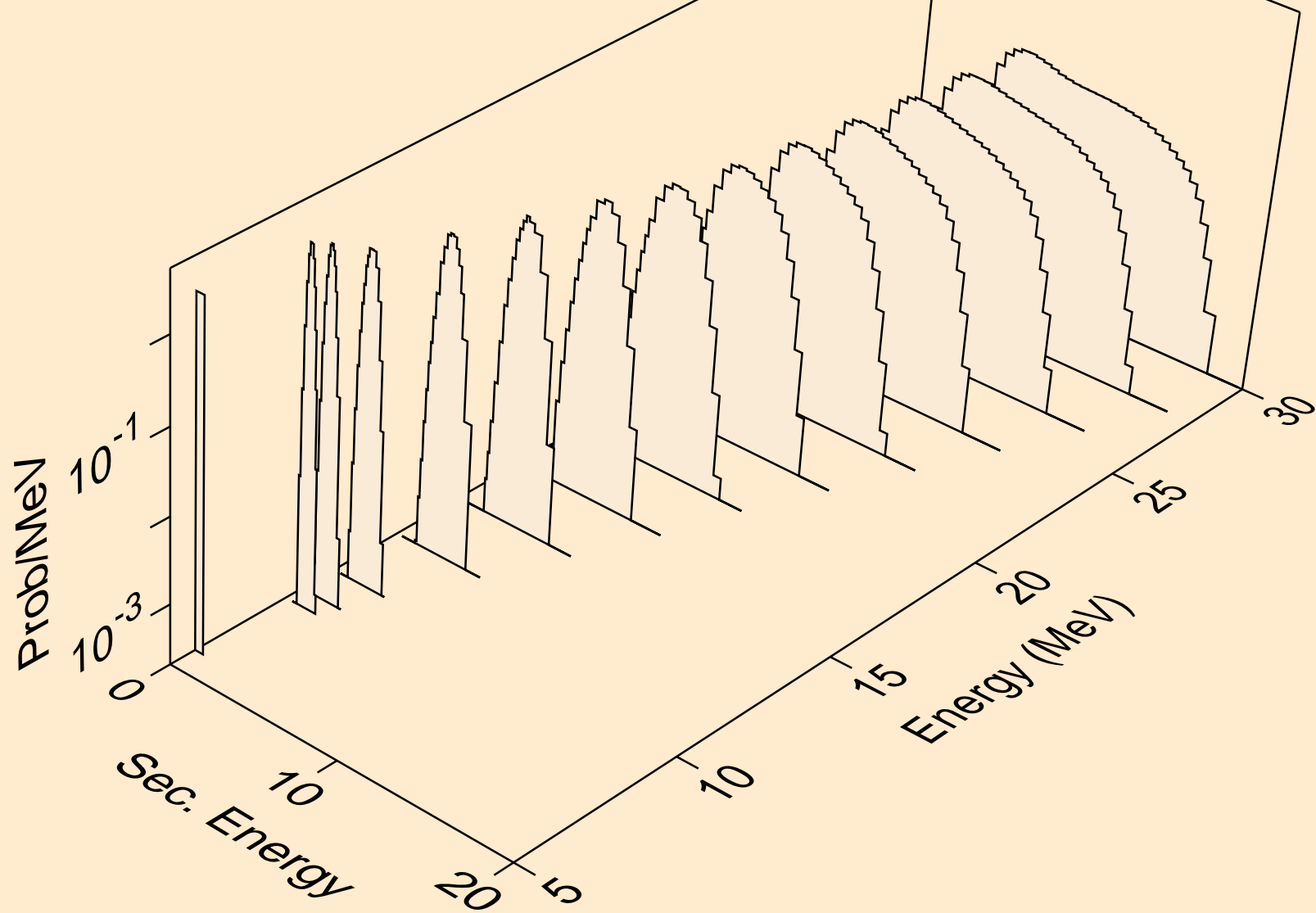
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alphas from (n,npa)



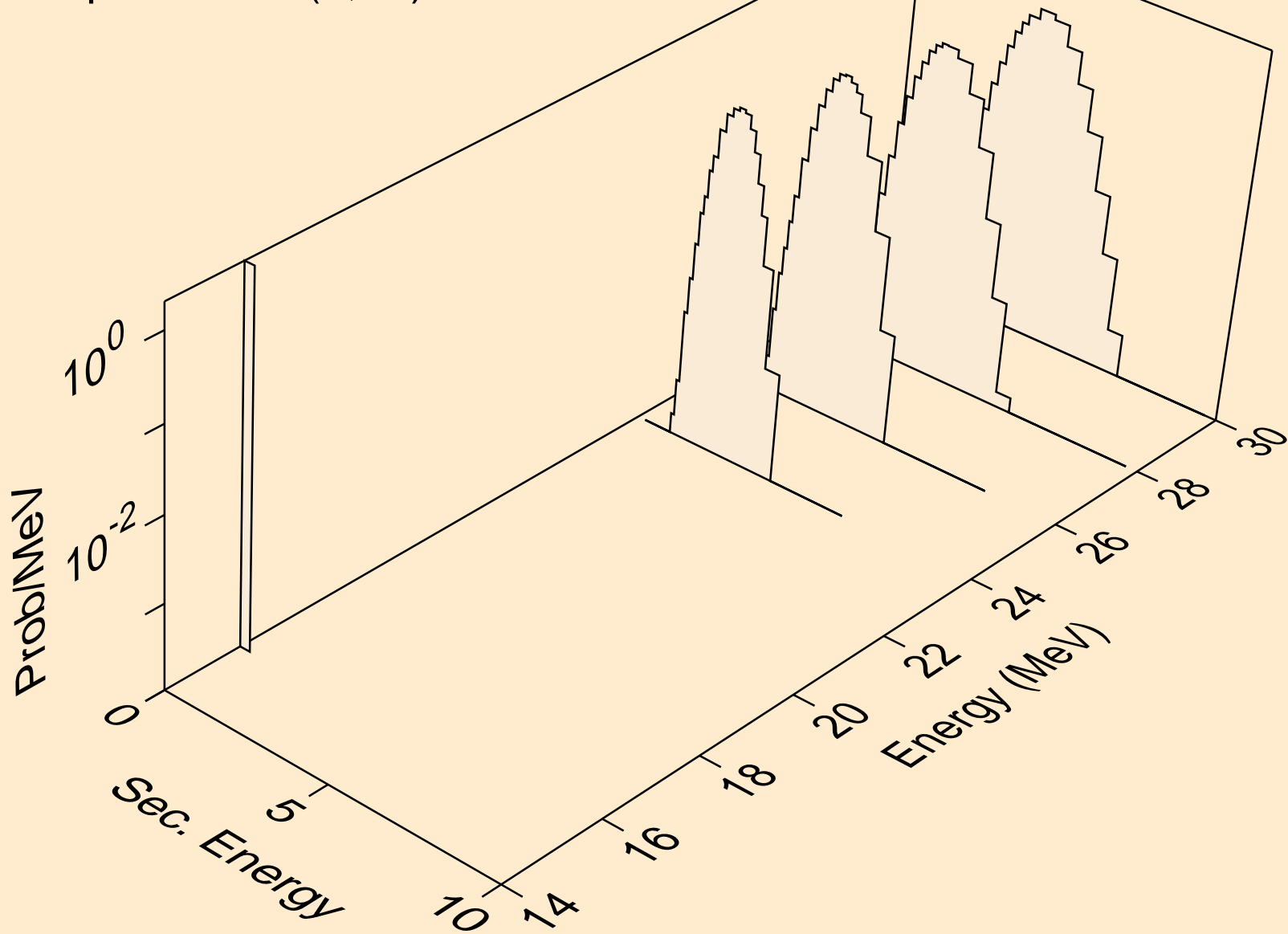
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alphas from (n,a)



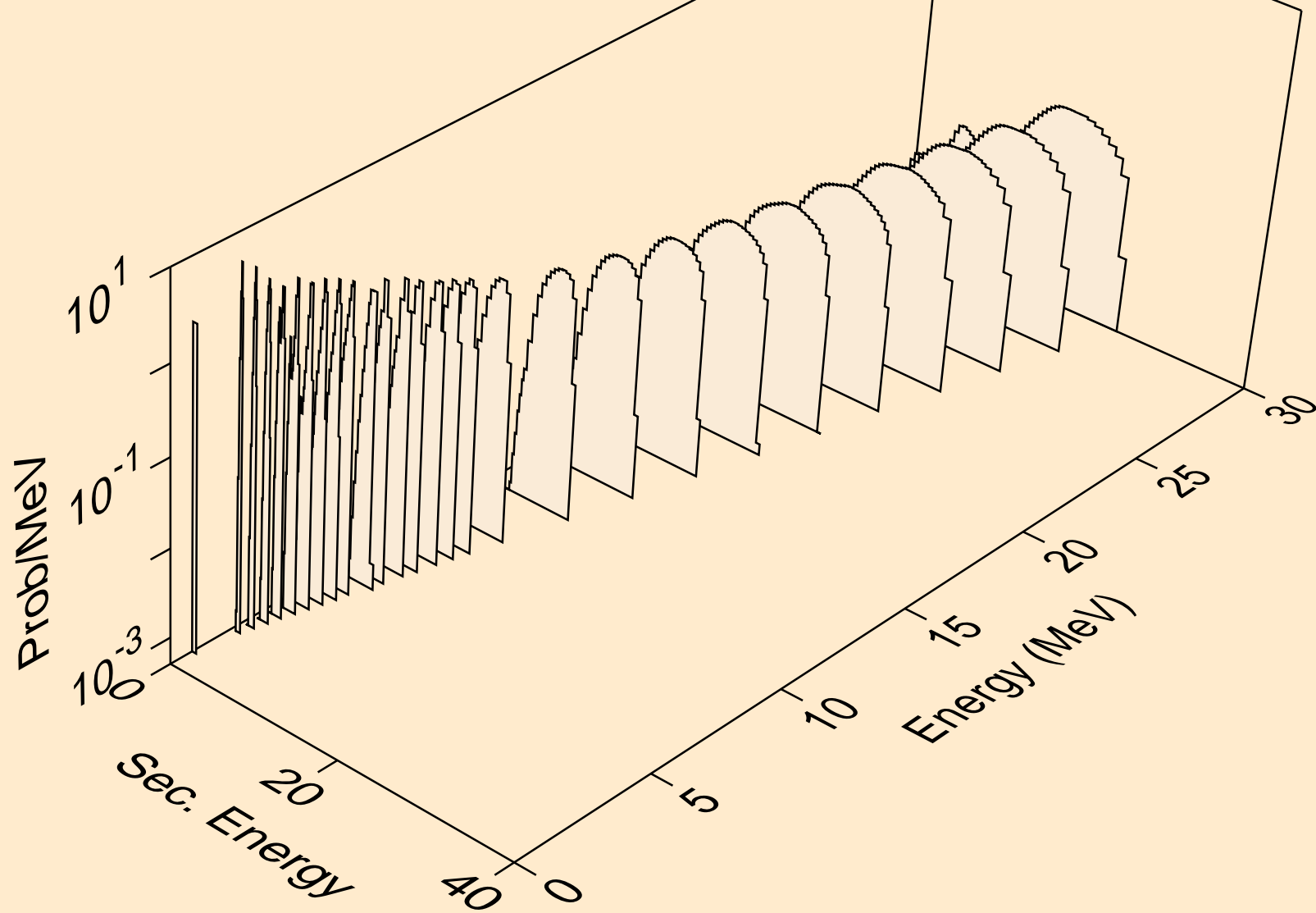
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alphas from (n,2a)



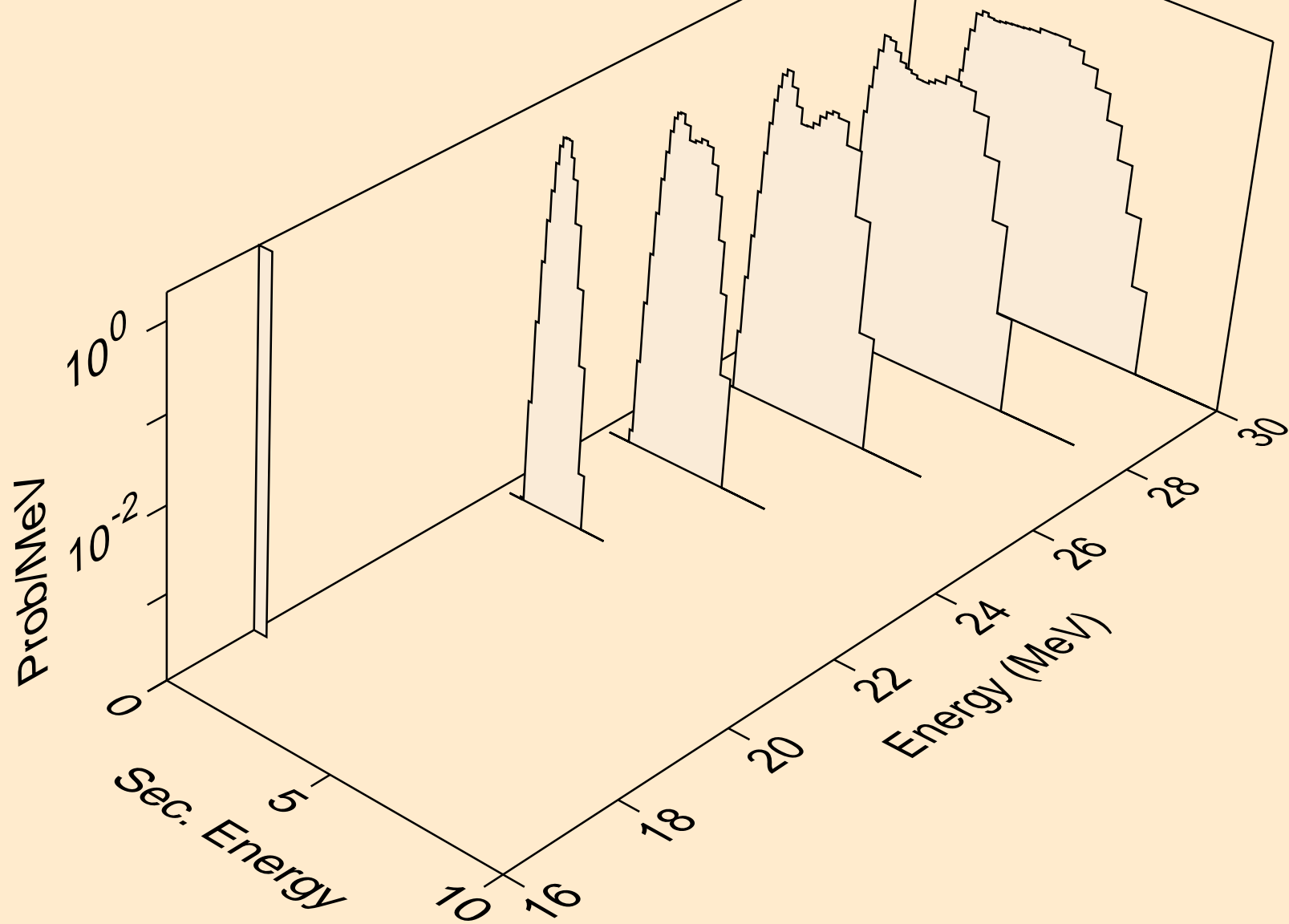
CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,d2a)



CL033 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

