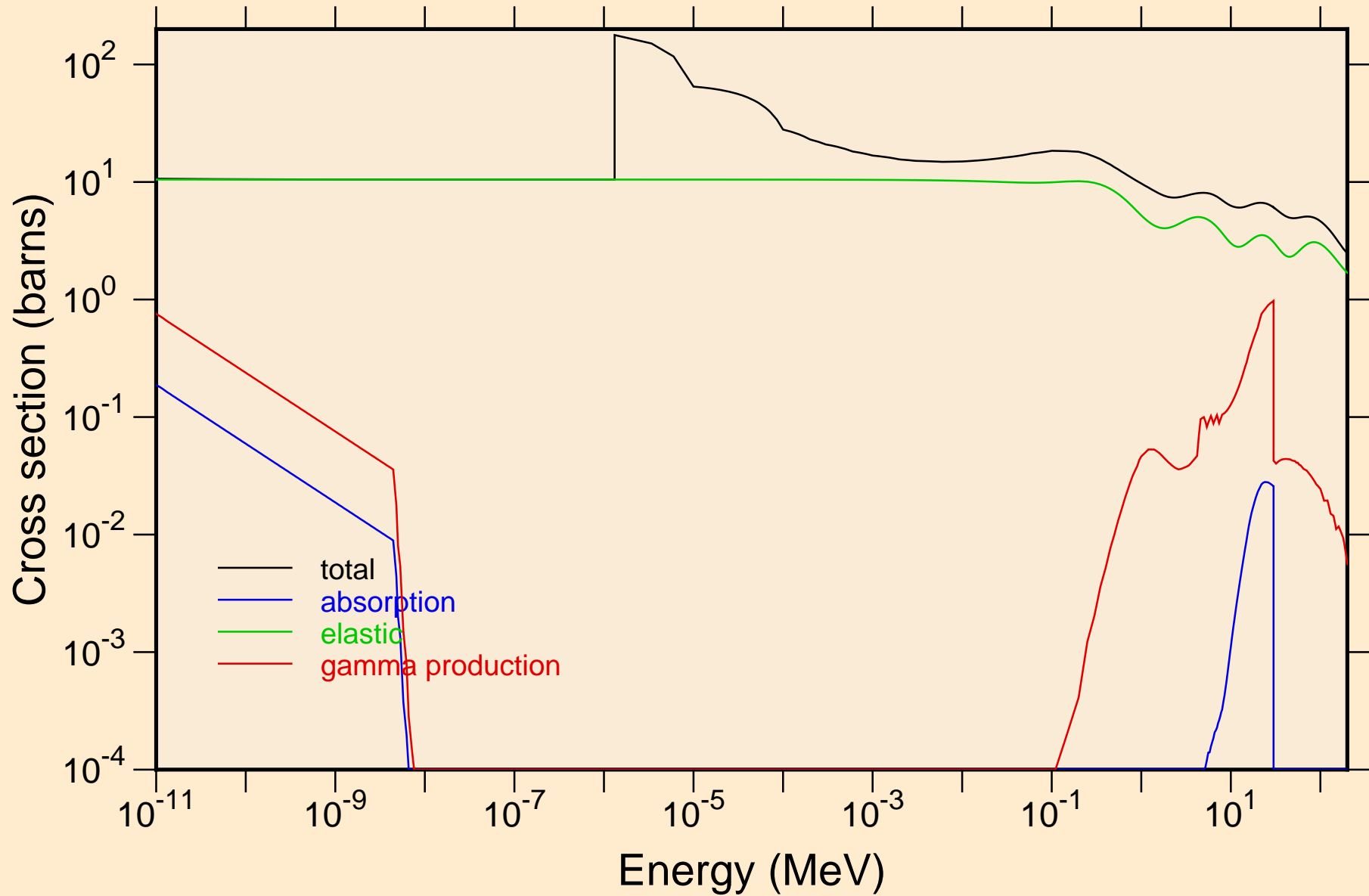
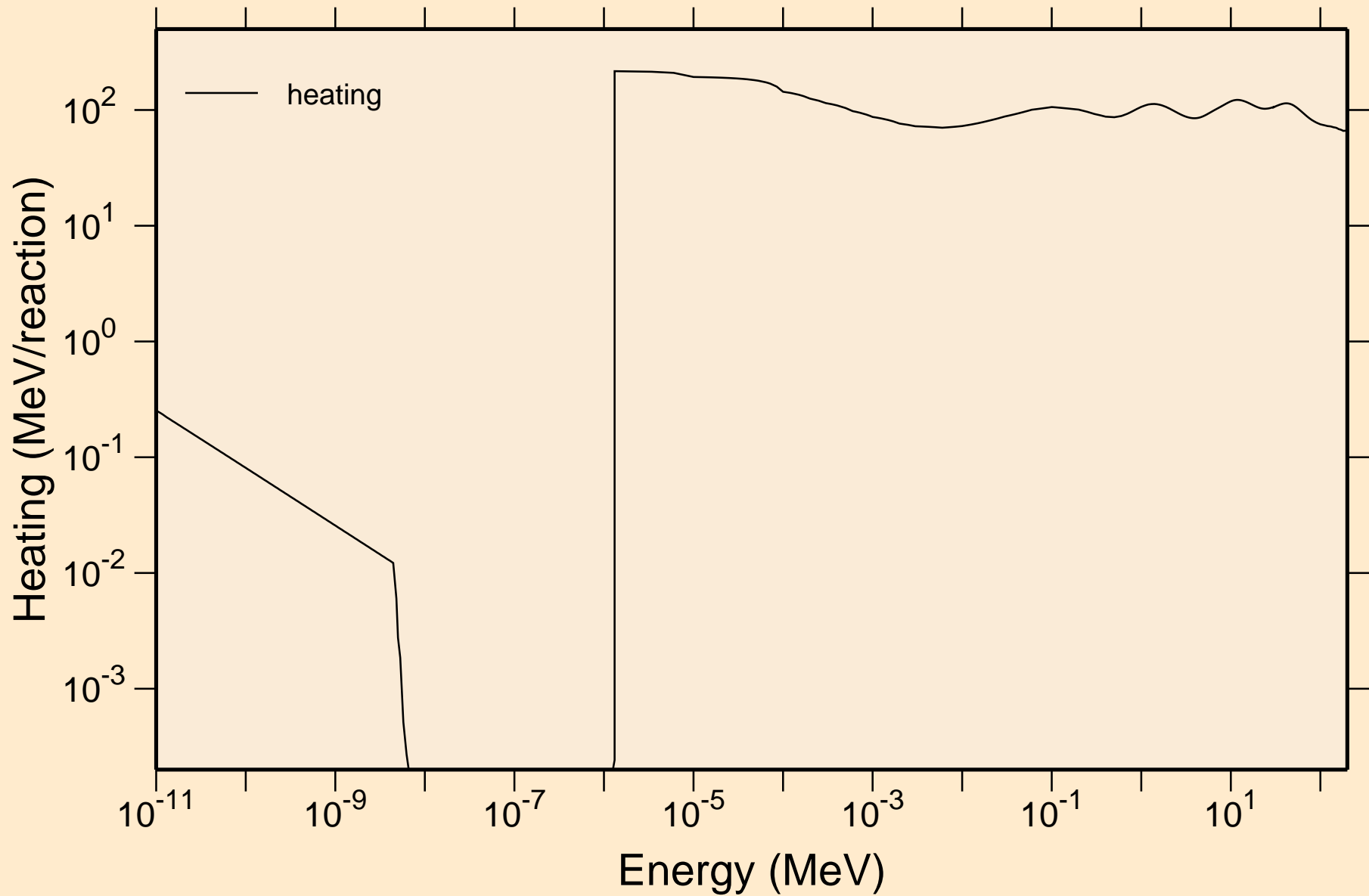


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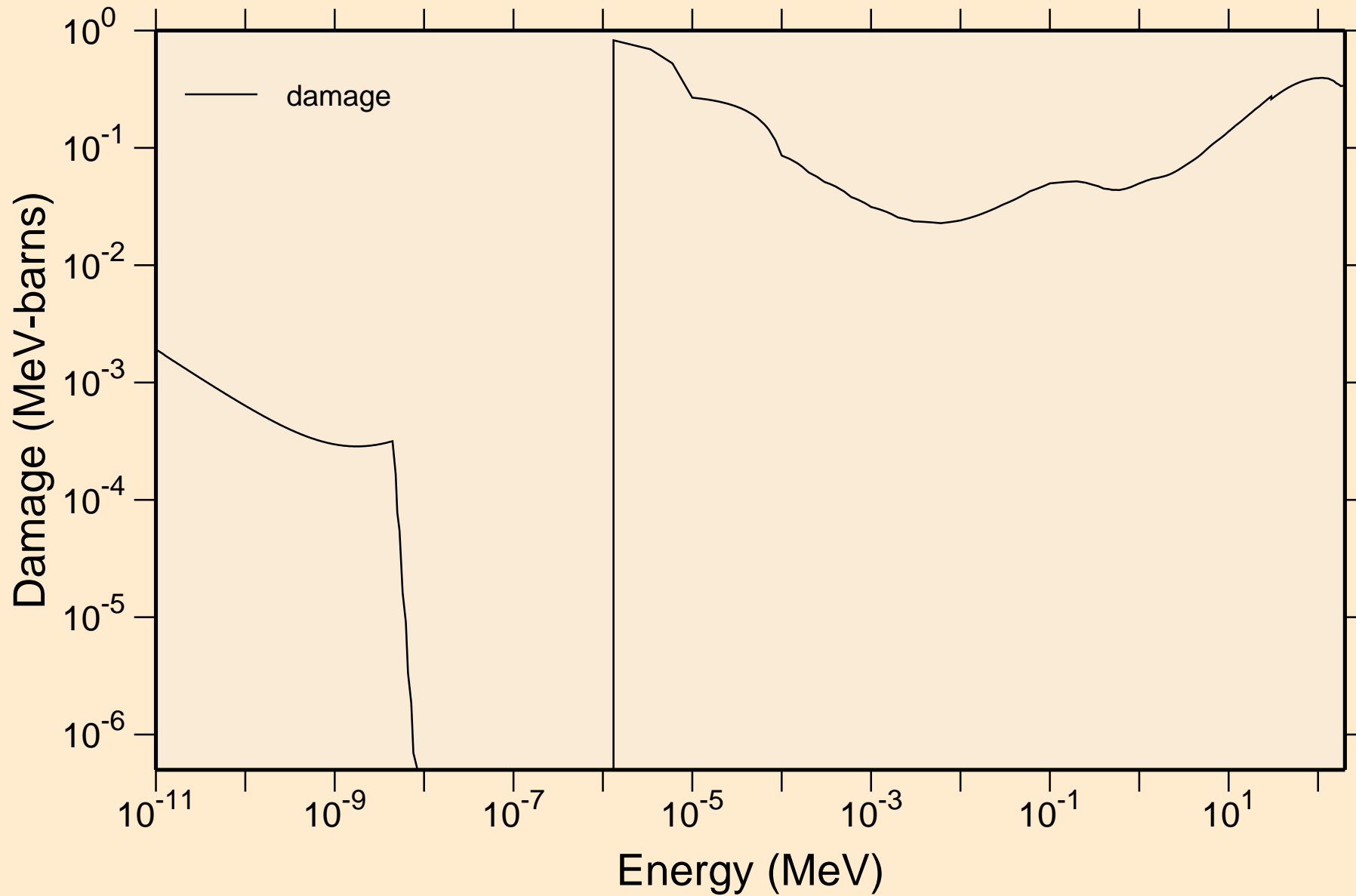
## Principal cross sections



MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

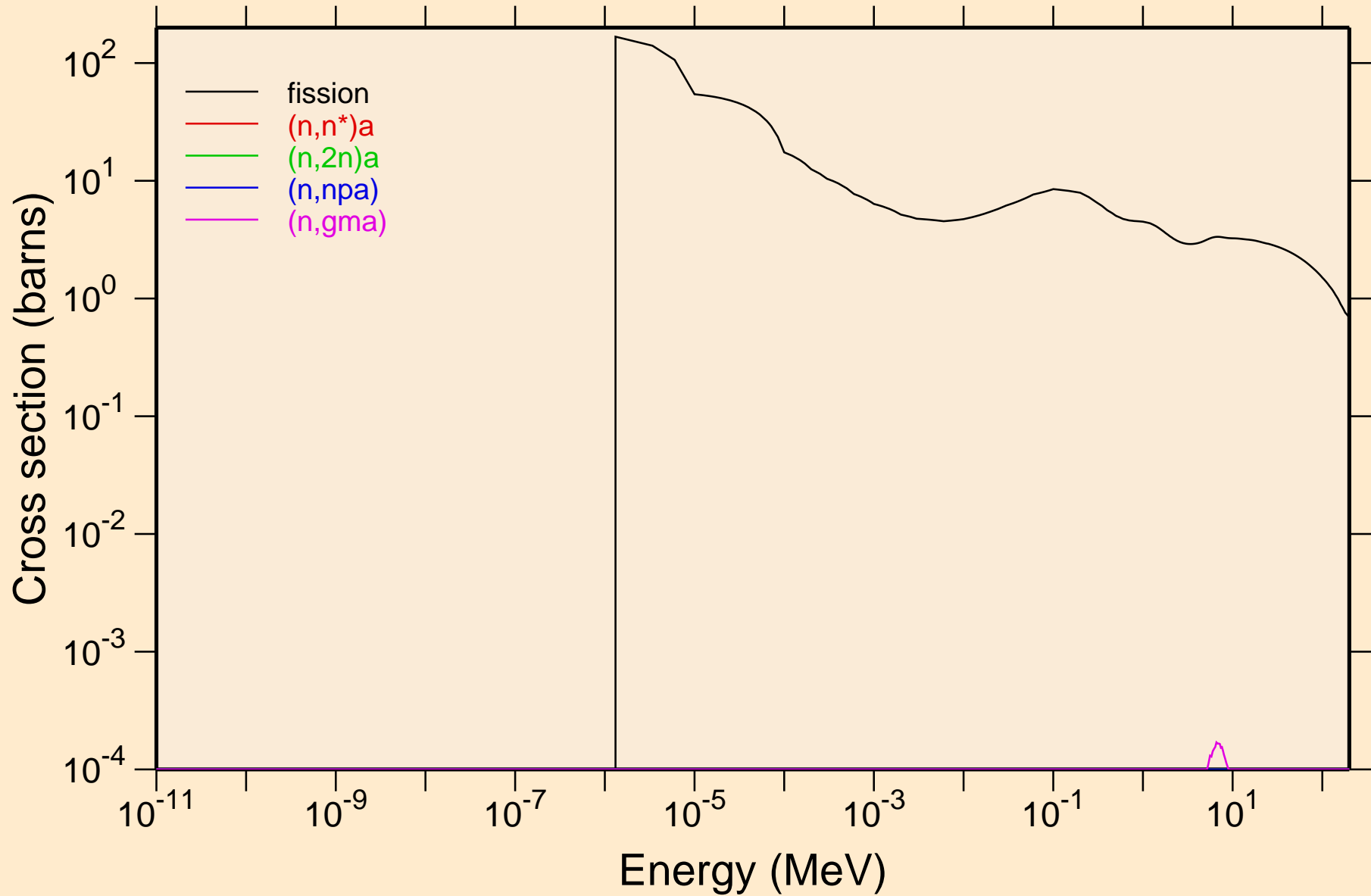


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Damage

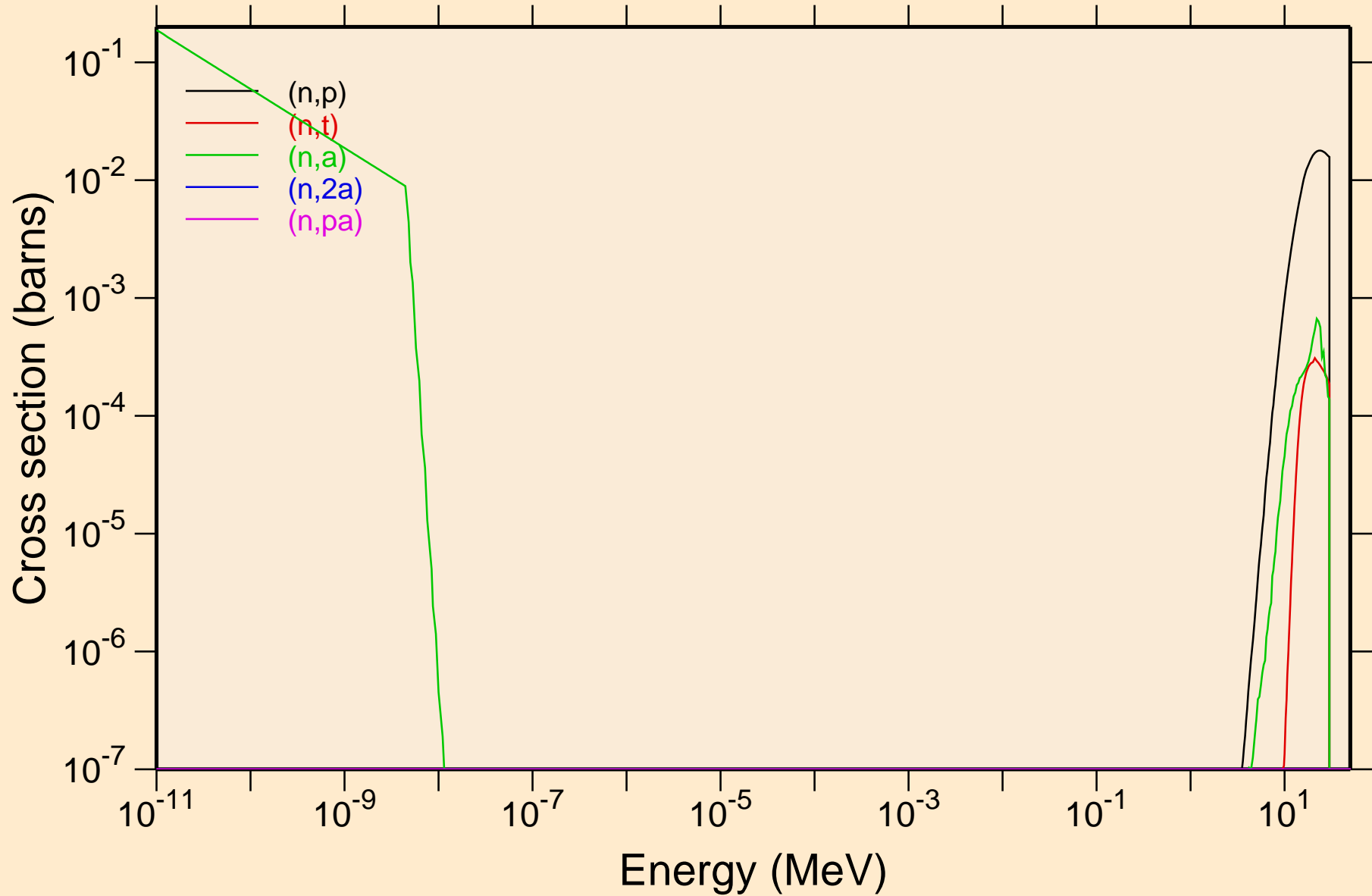


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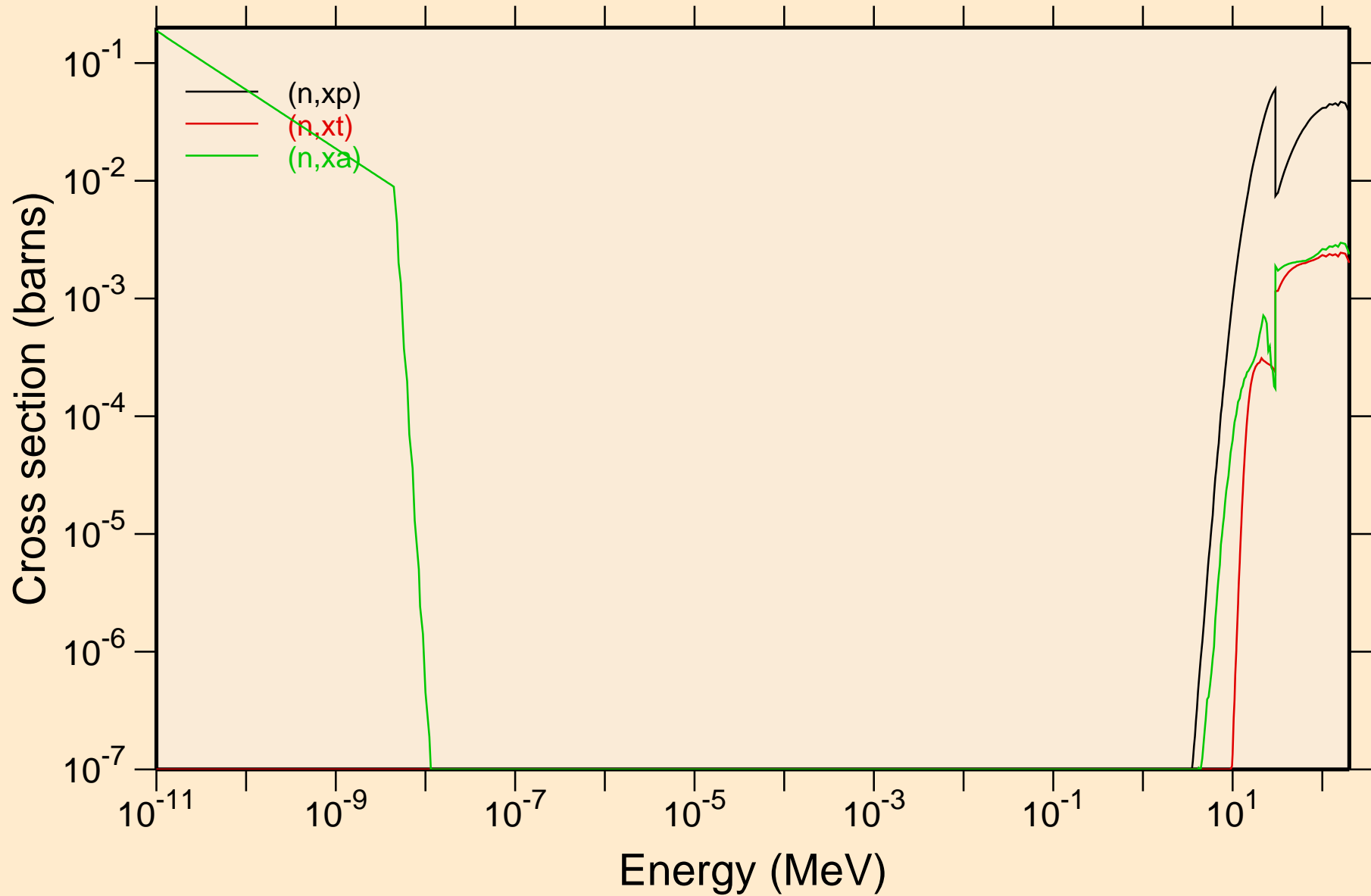
## Non-threshold reactions



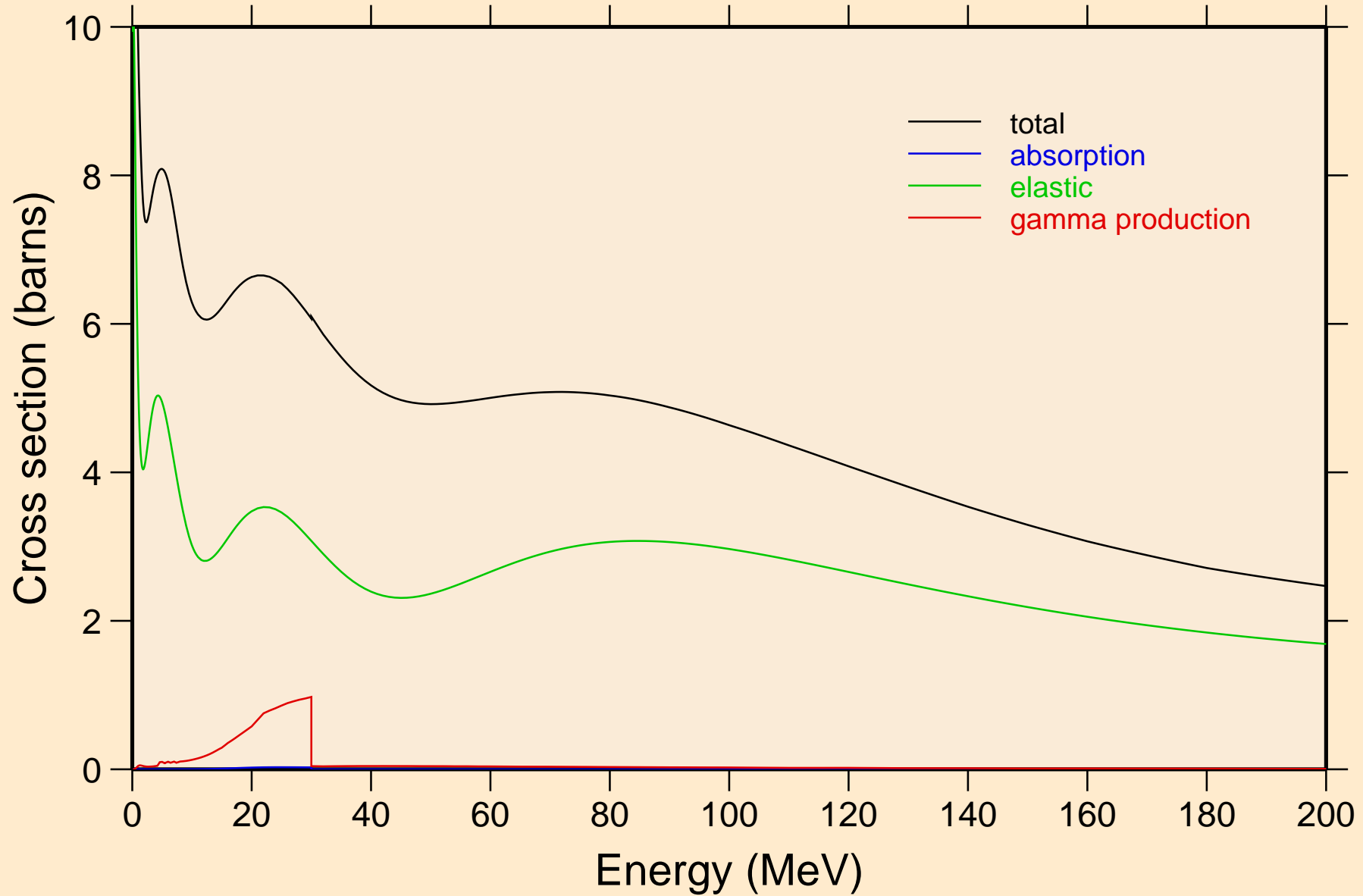
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Non-threshold reactions



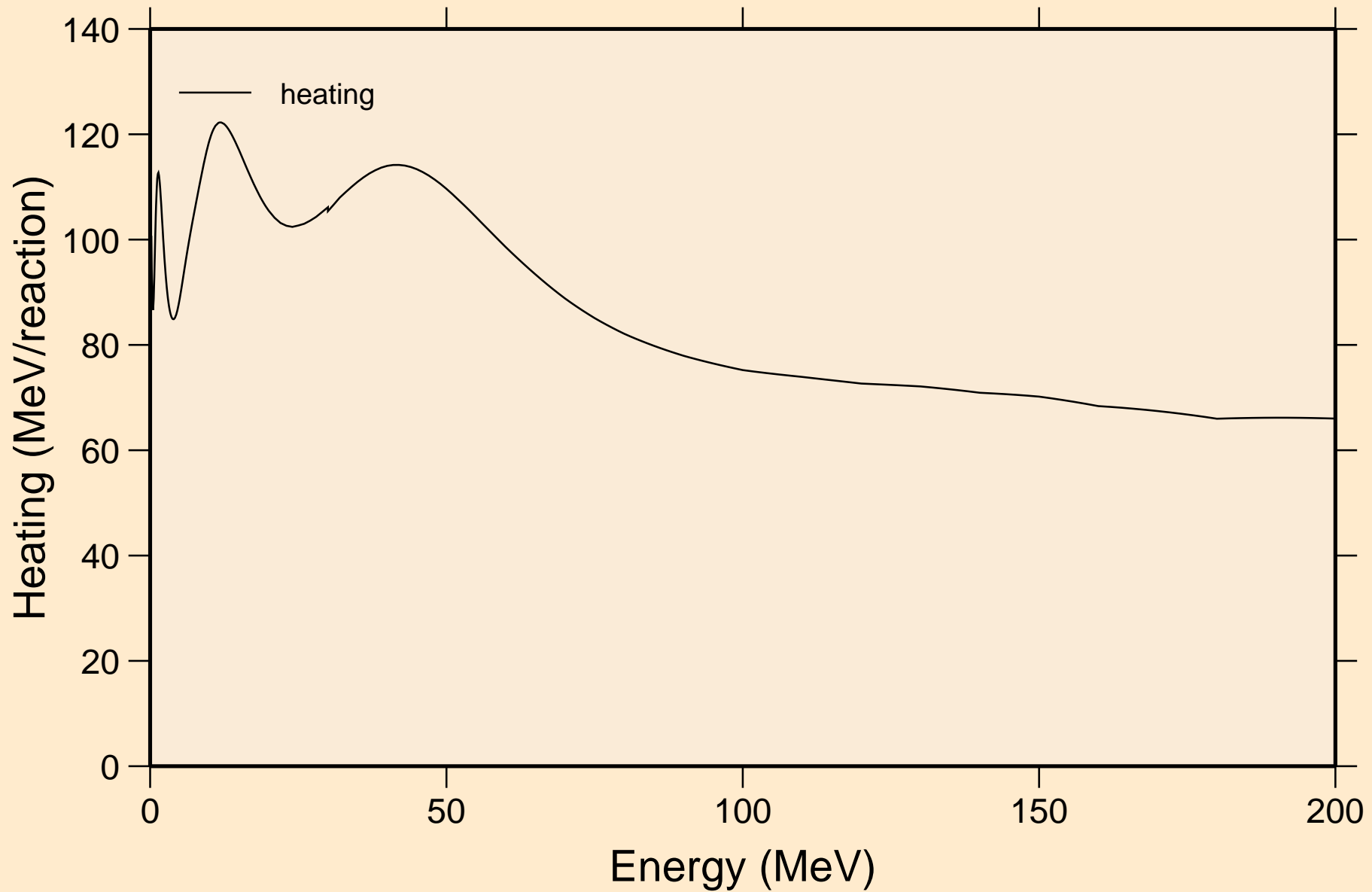
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Non-threshold reactions



MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections

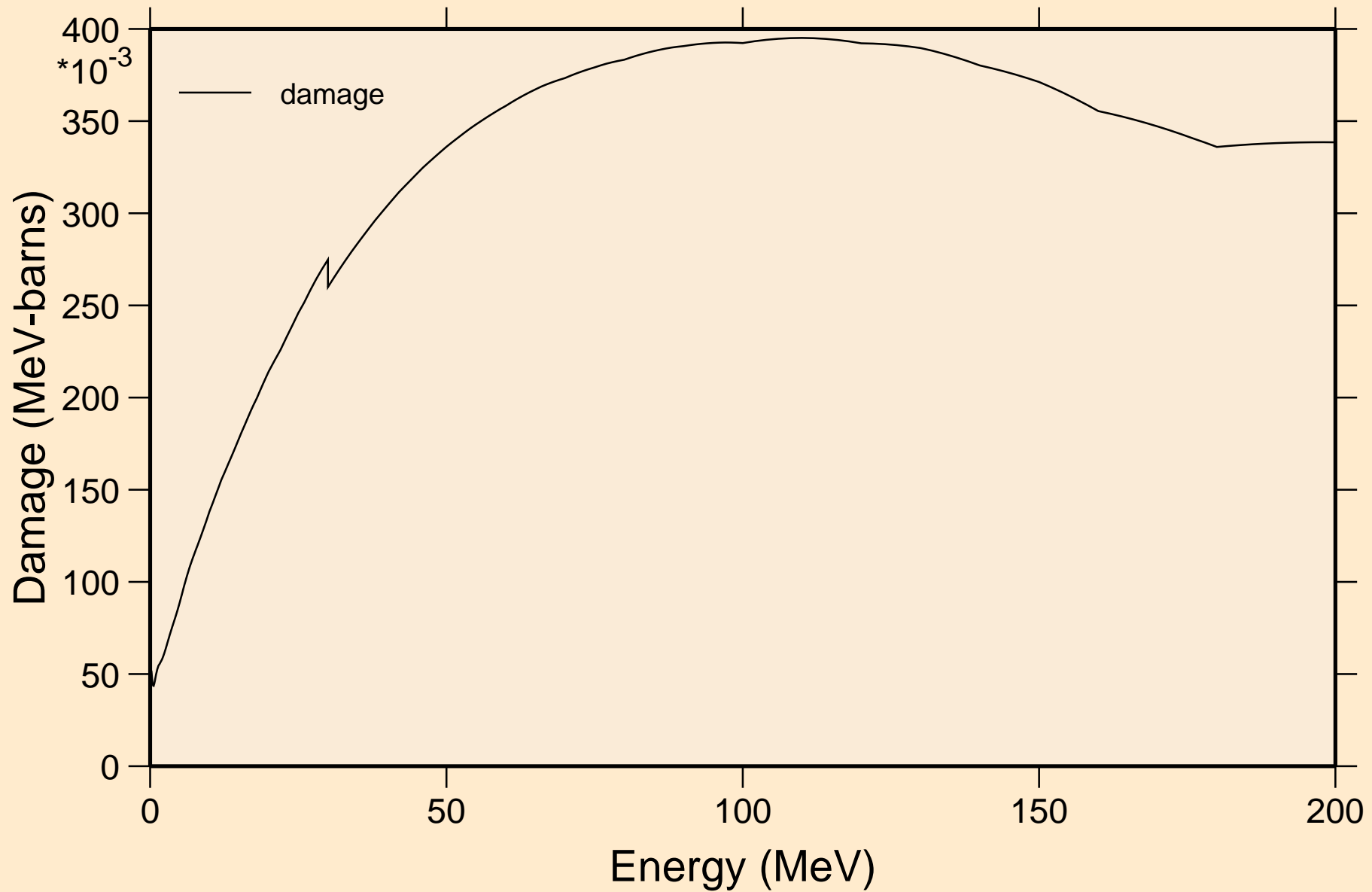


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Heating



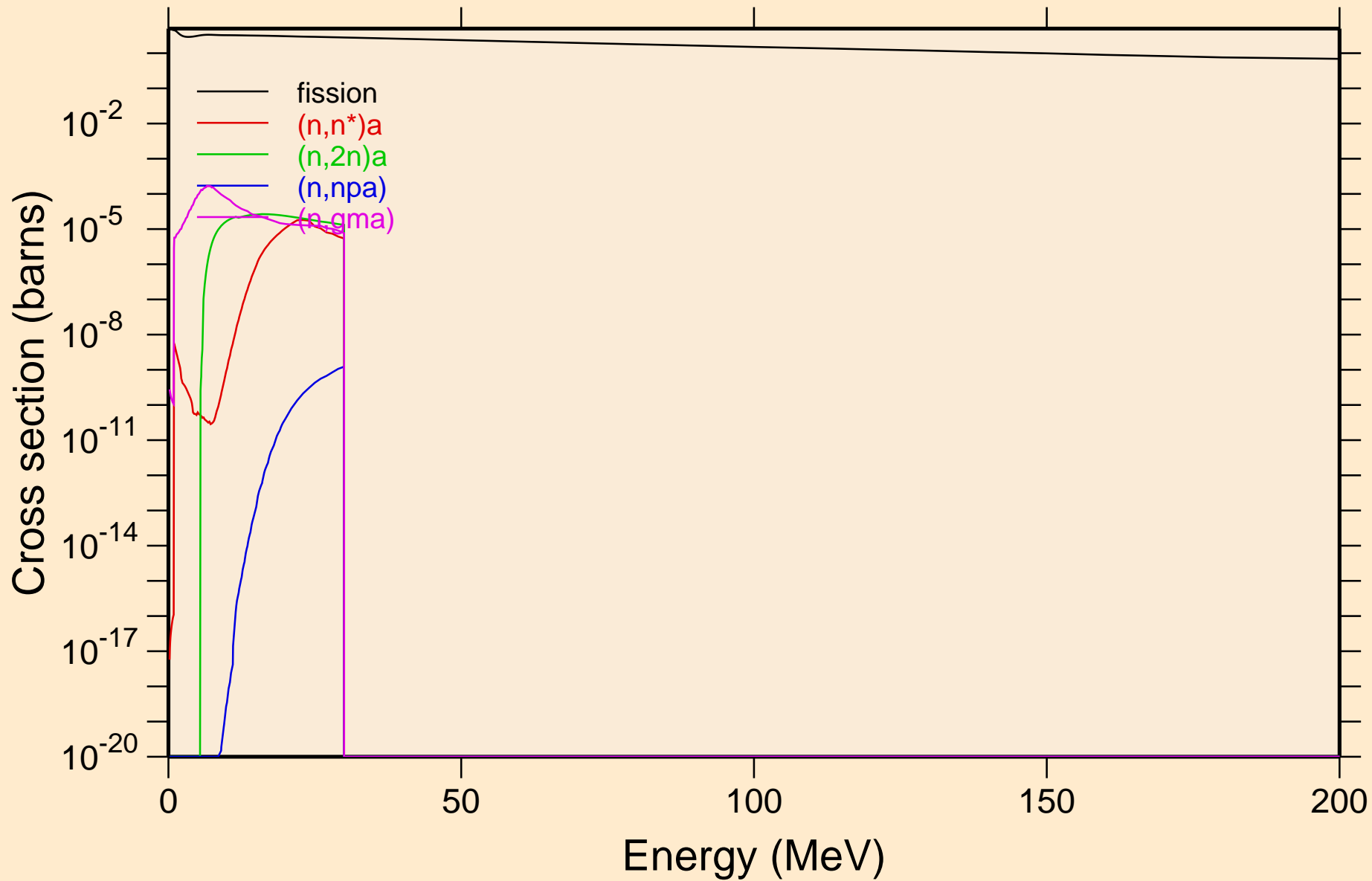


MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

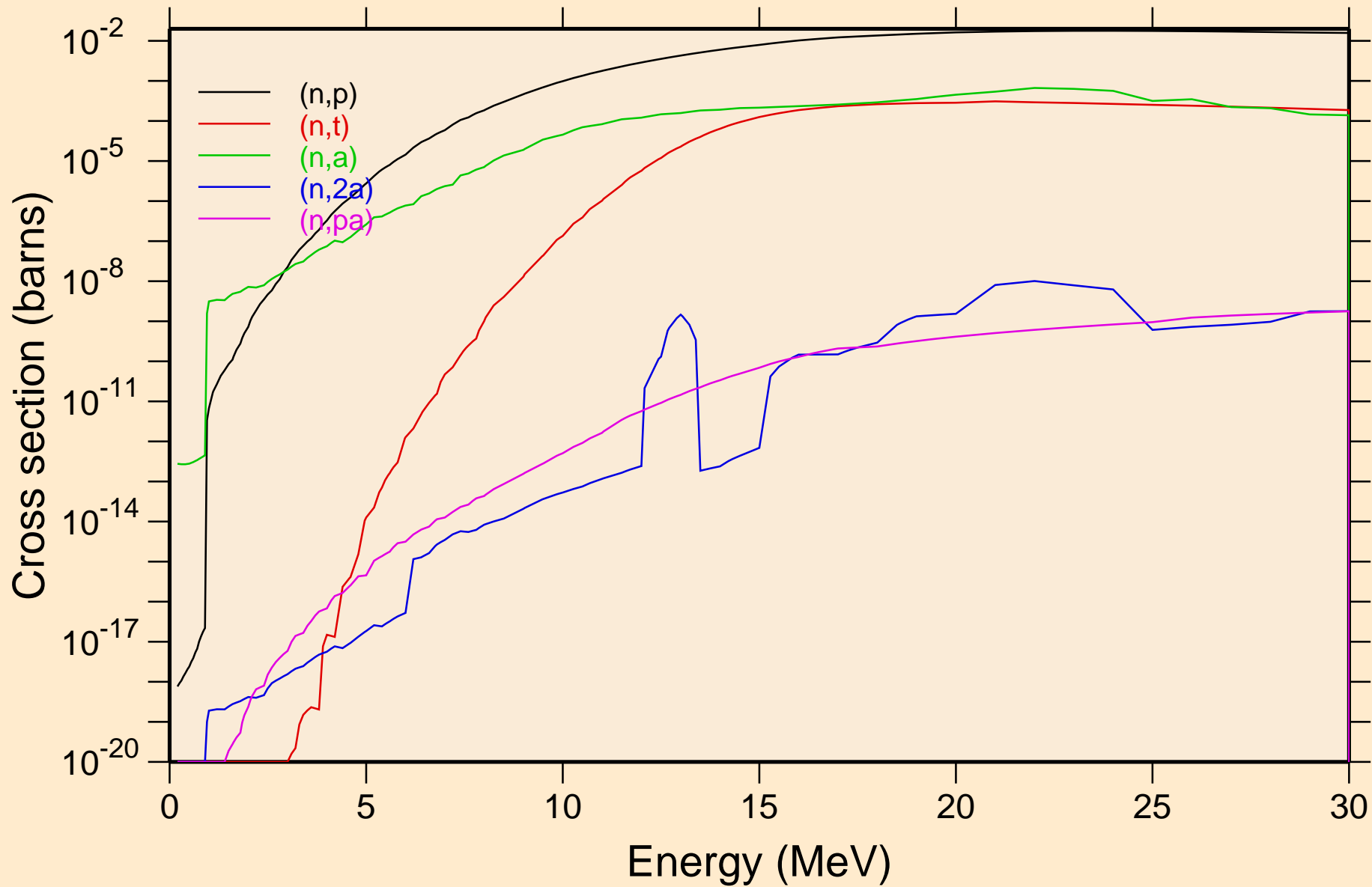


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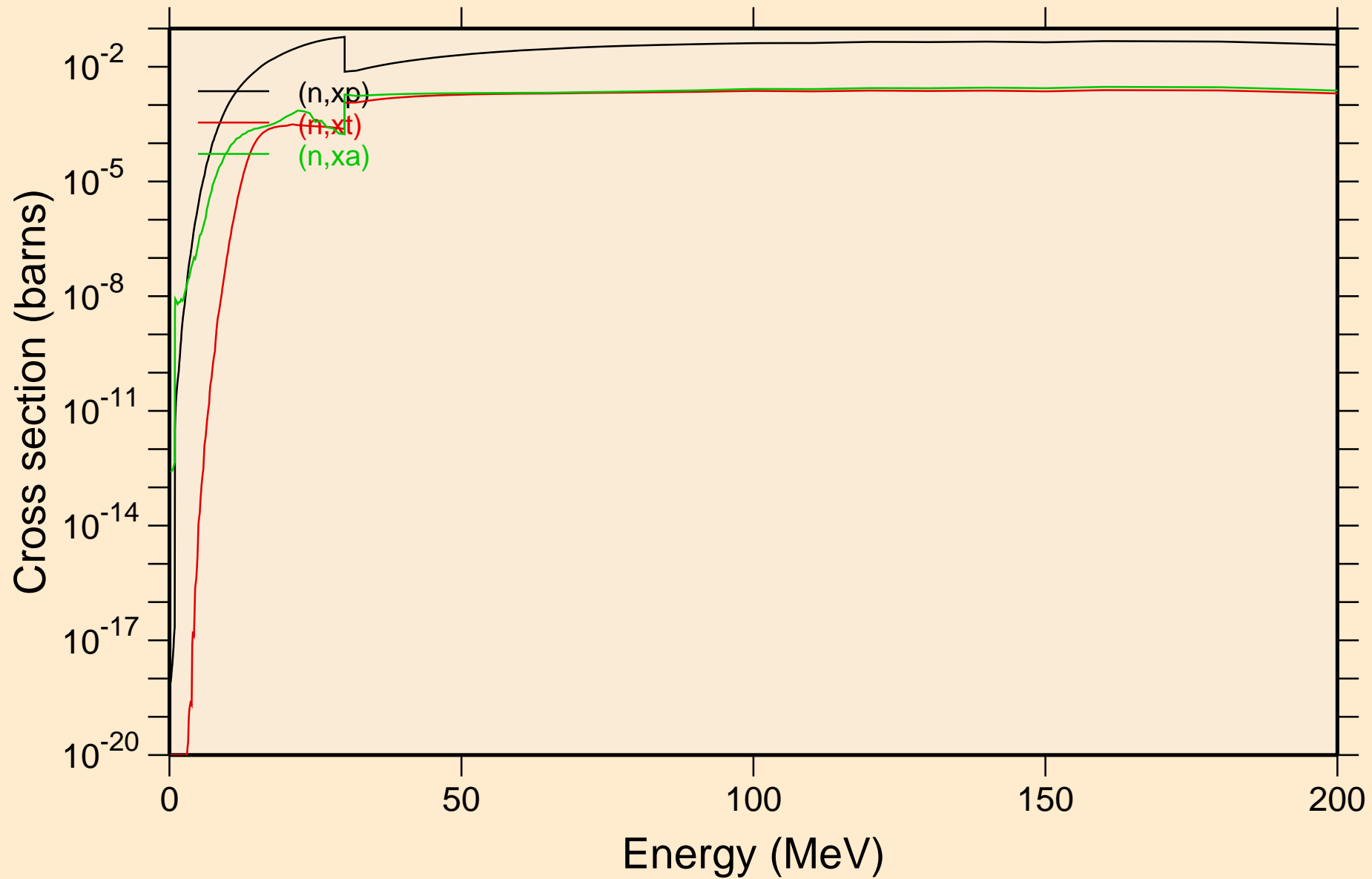
## Non-threshold reactions



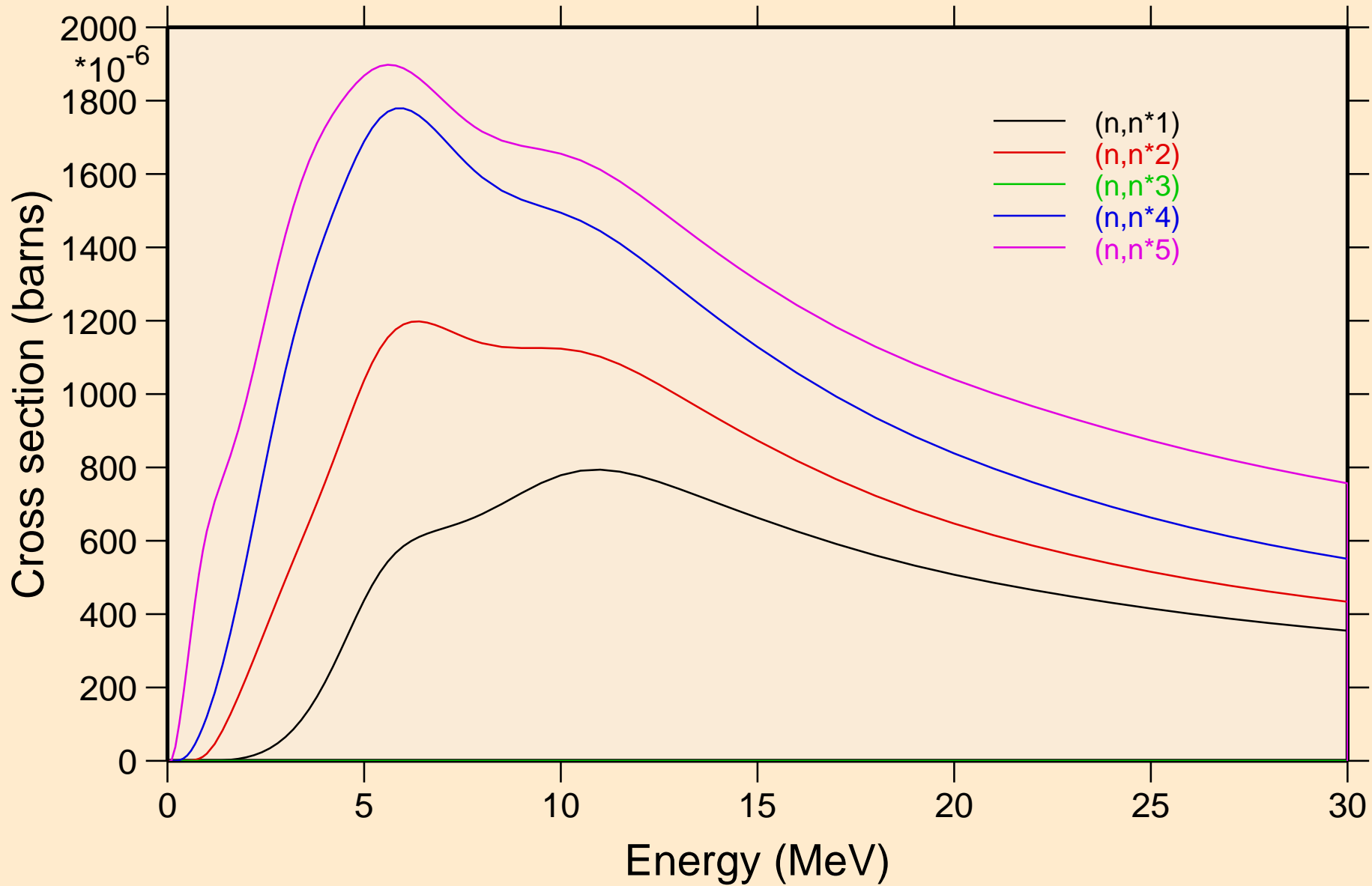
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Non-threshold reactions



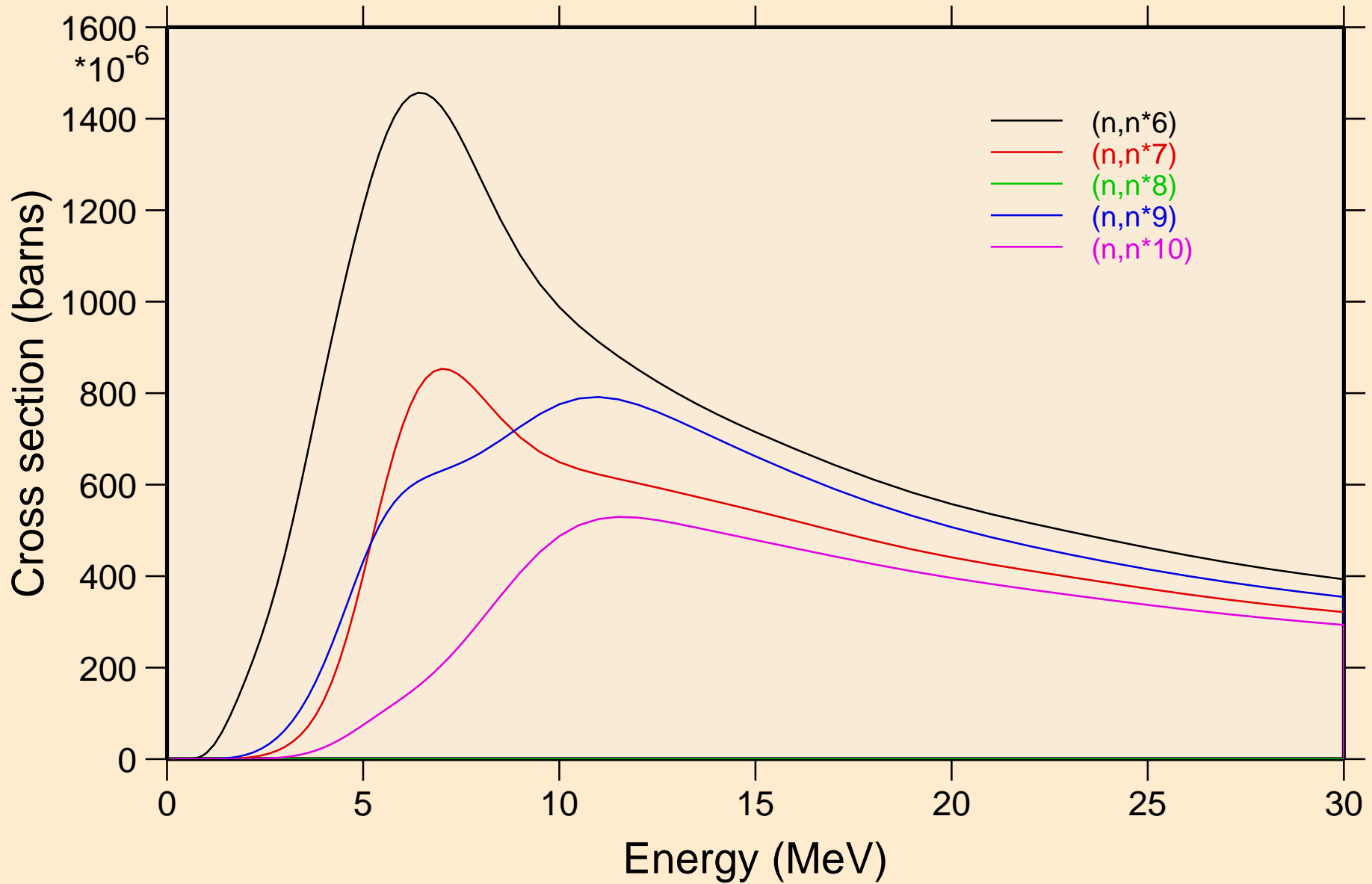
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

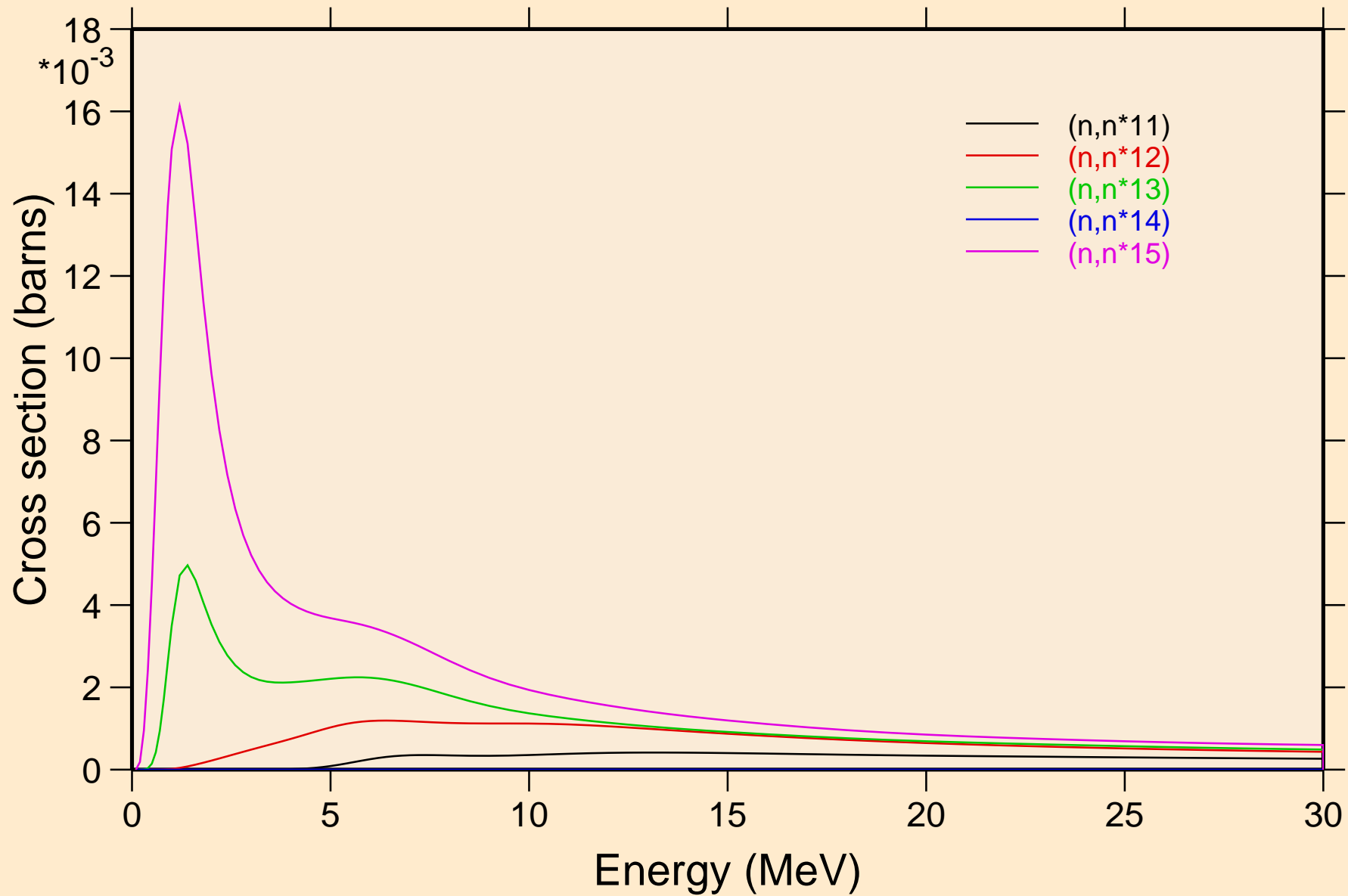


MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



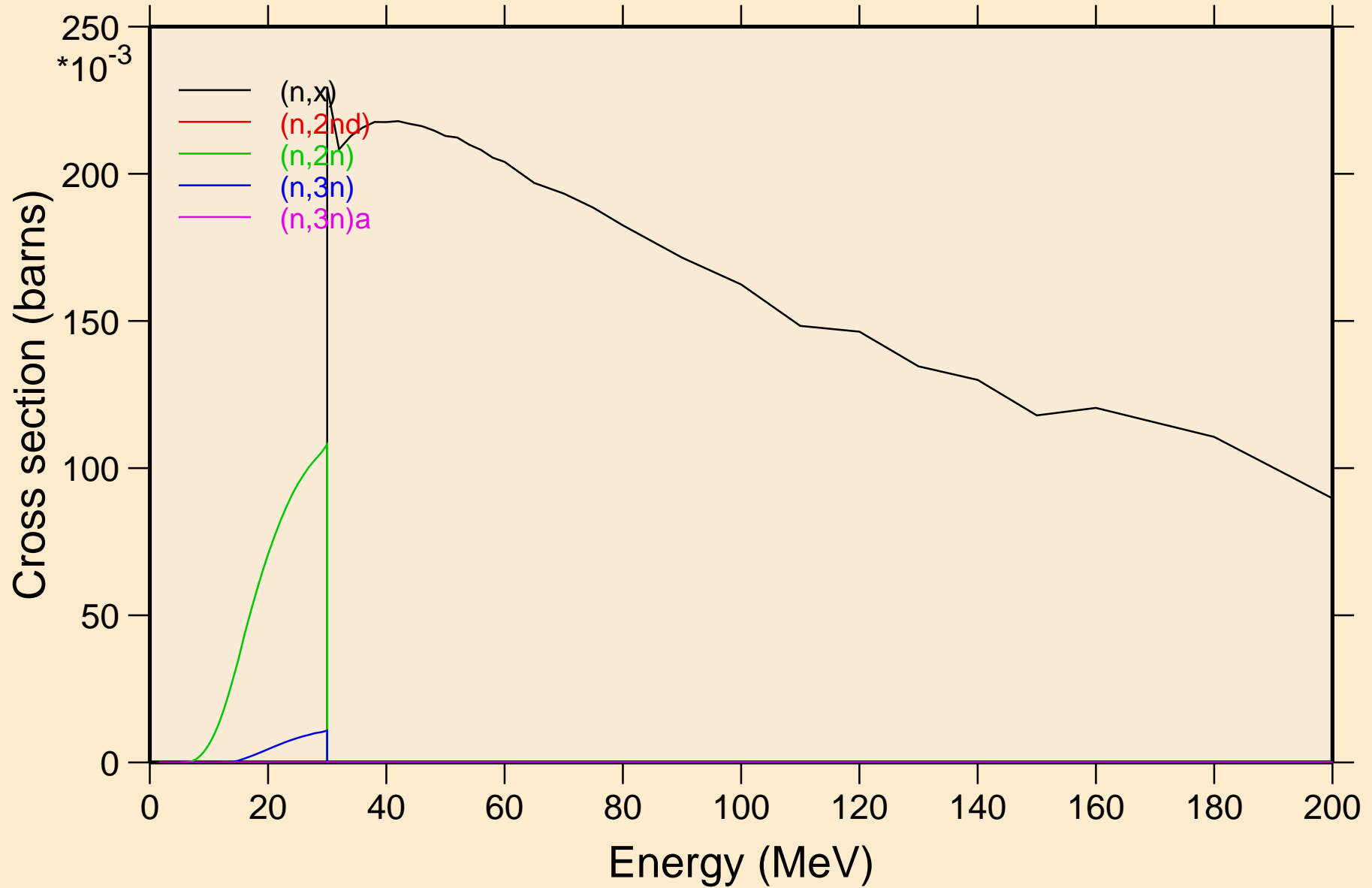
# MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



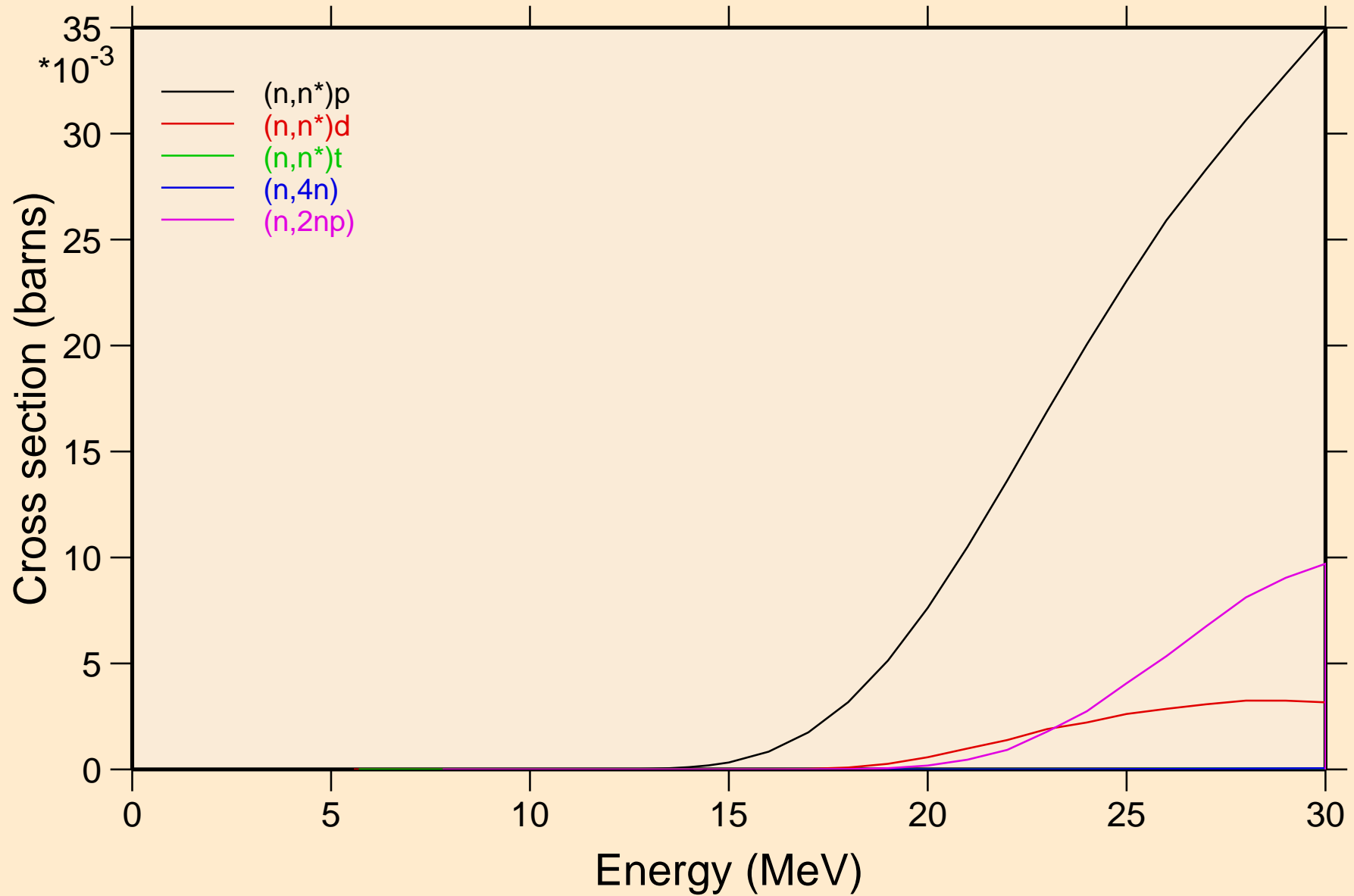
# MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

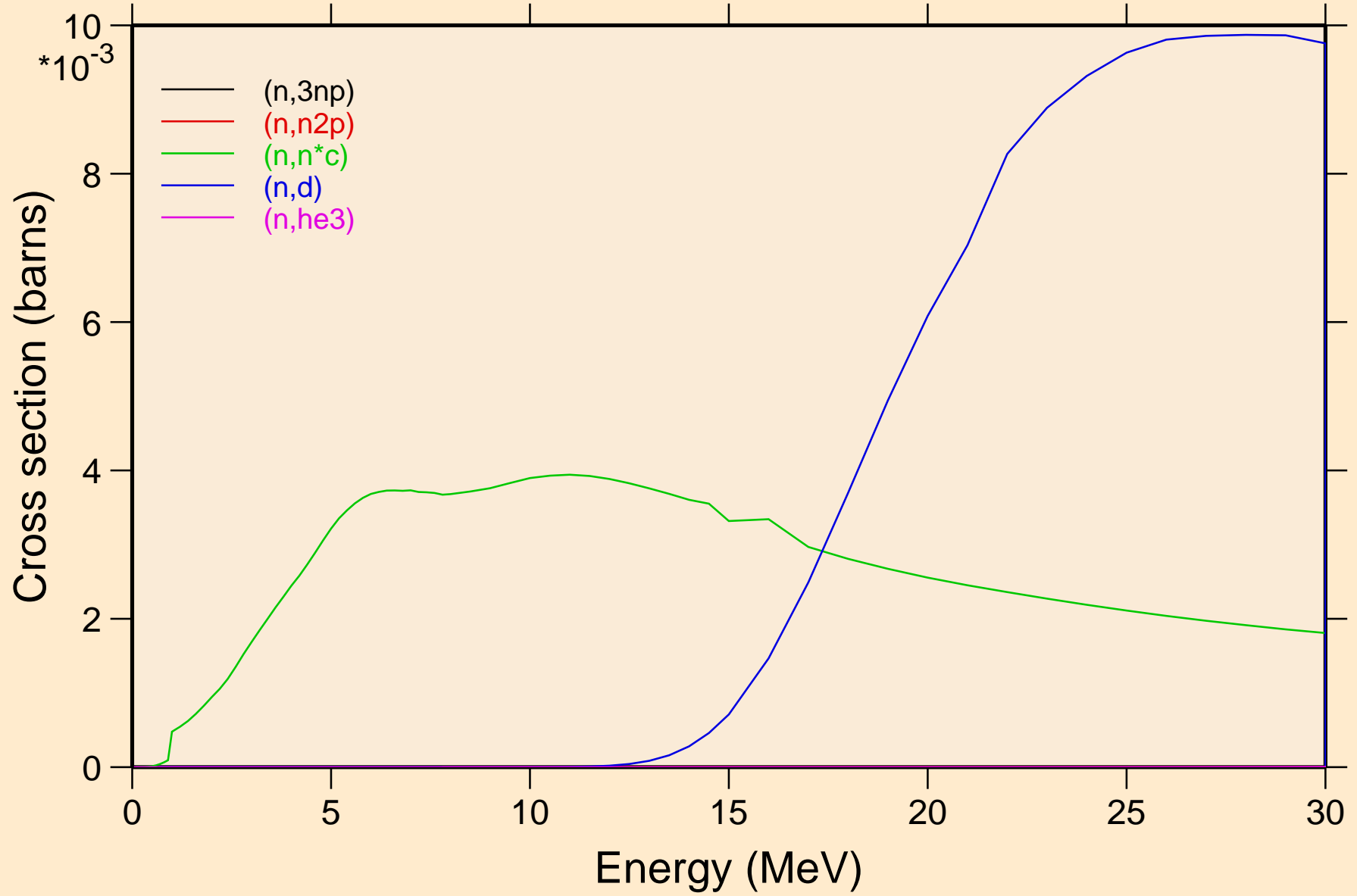




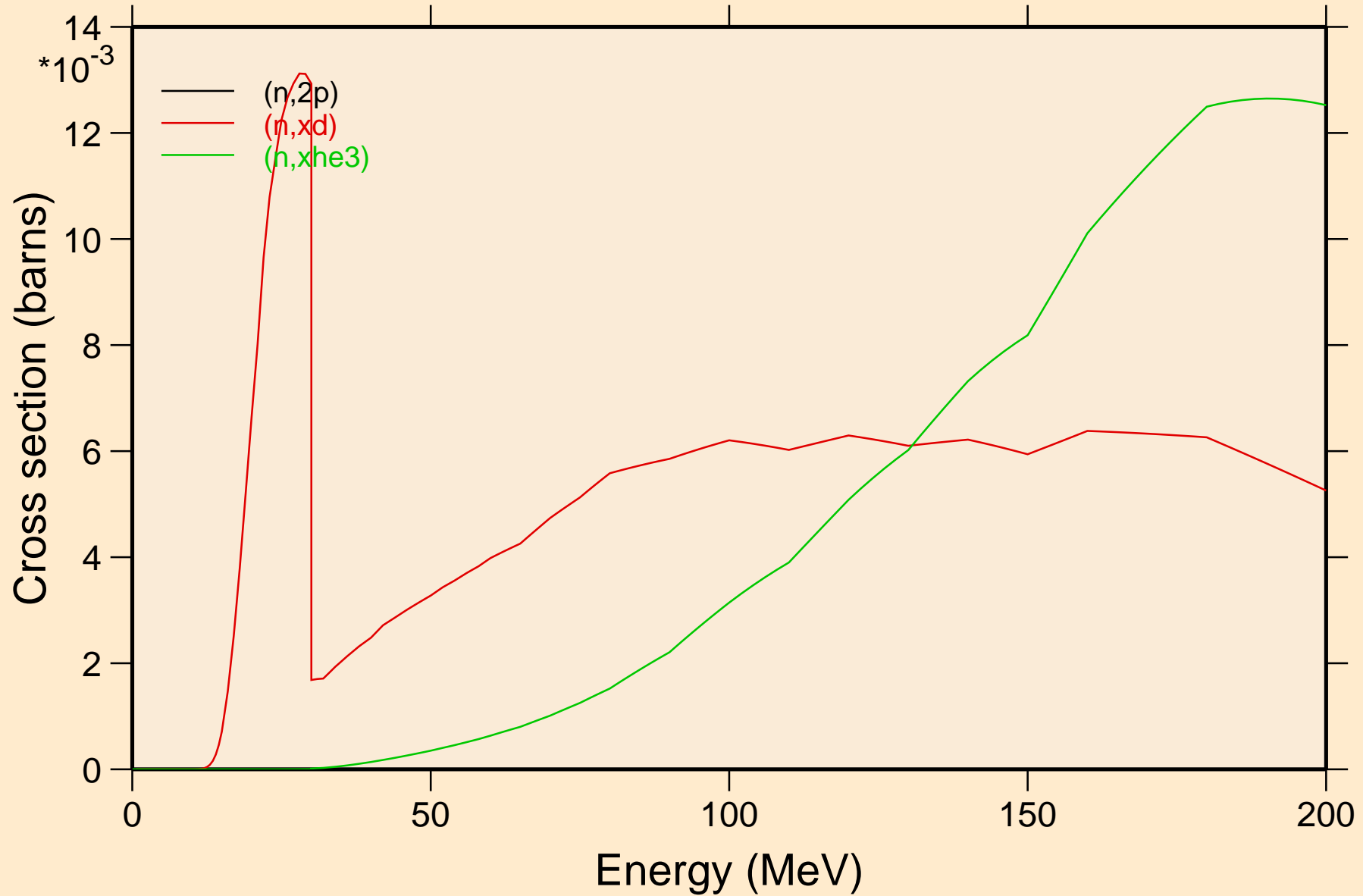
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Threshold reactions



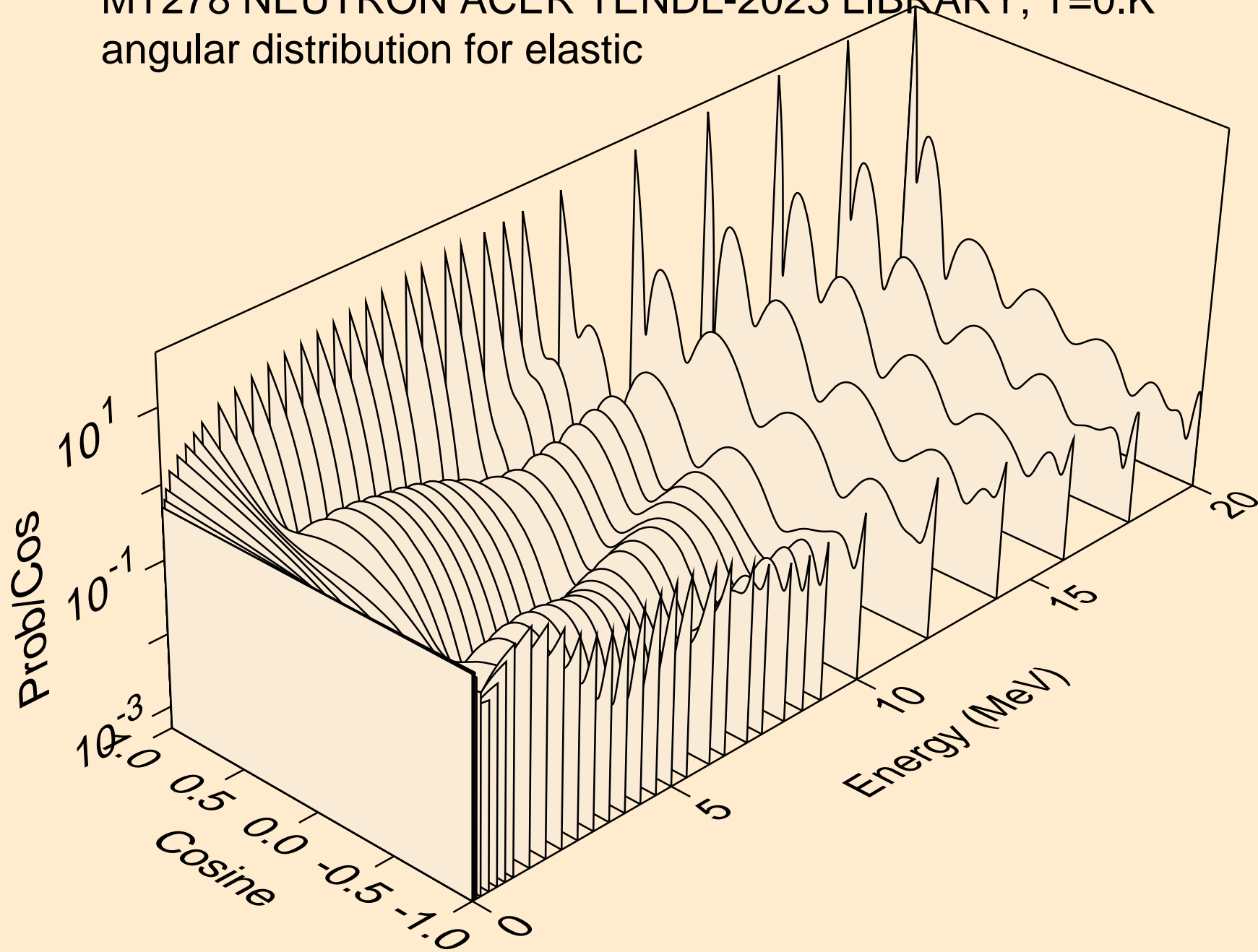
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Threshold reactions



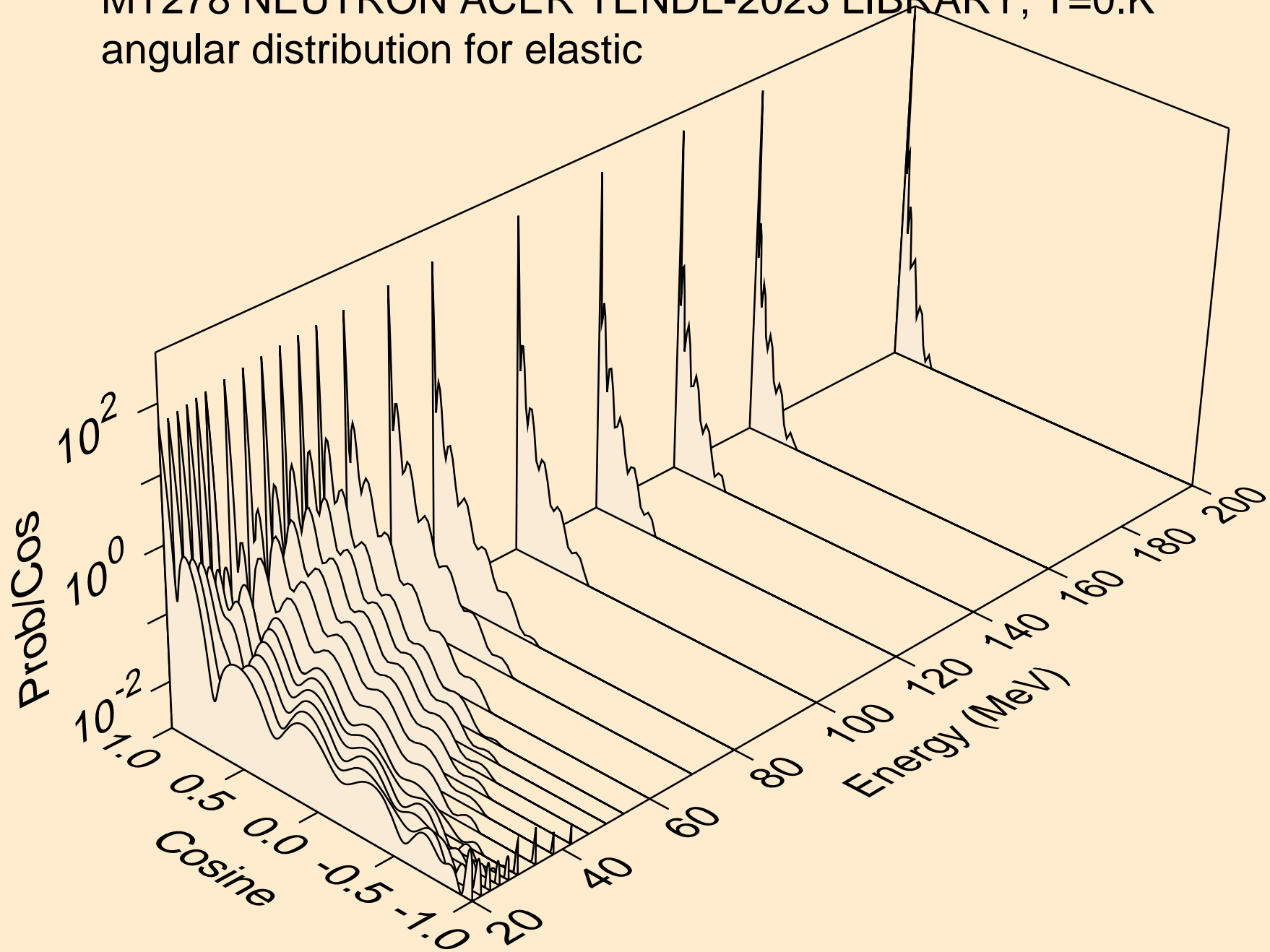
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



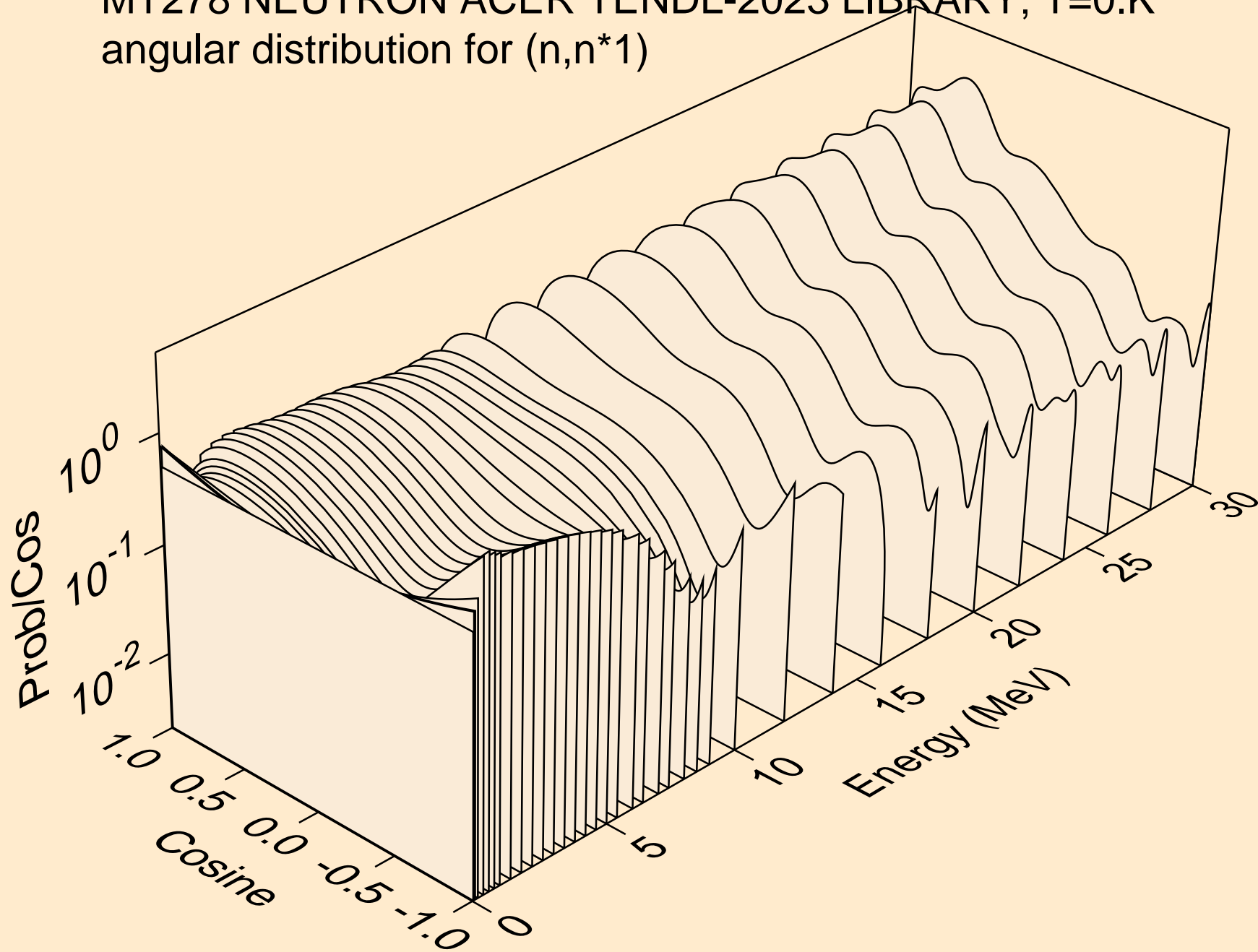
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angular distribution for elastic



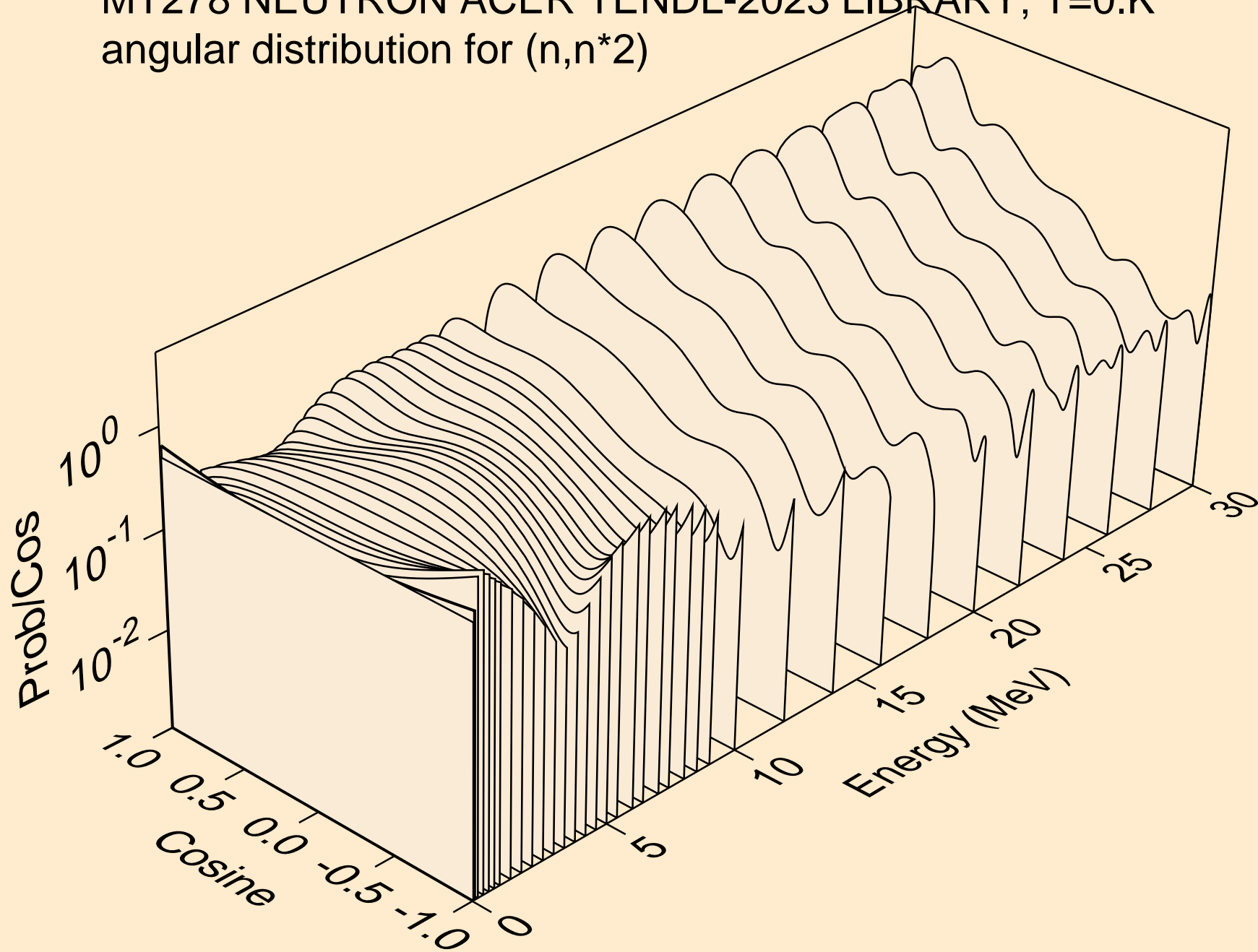
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angular distribution for elastic



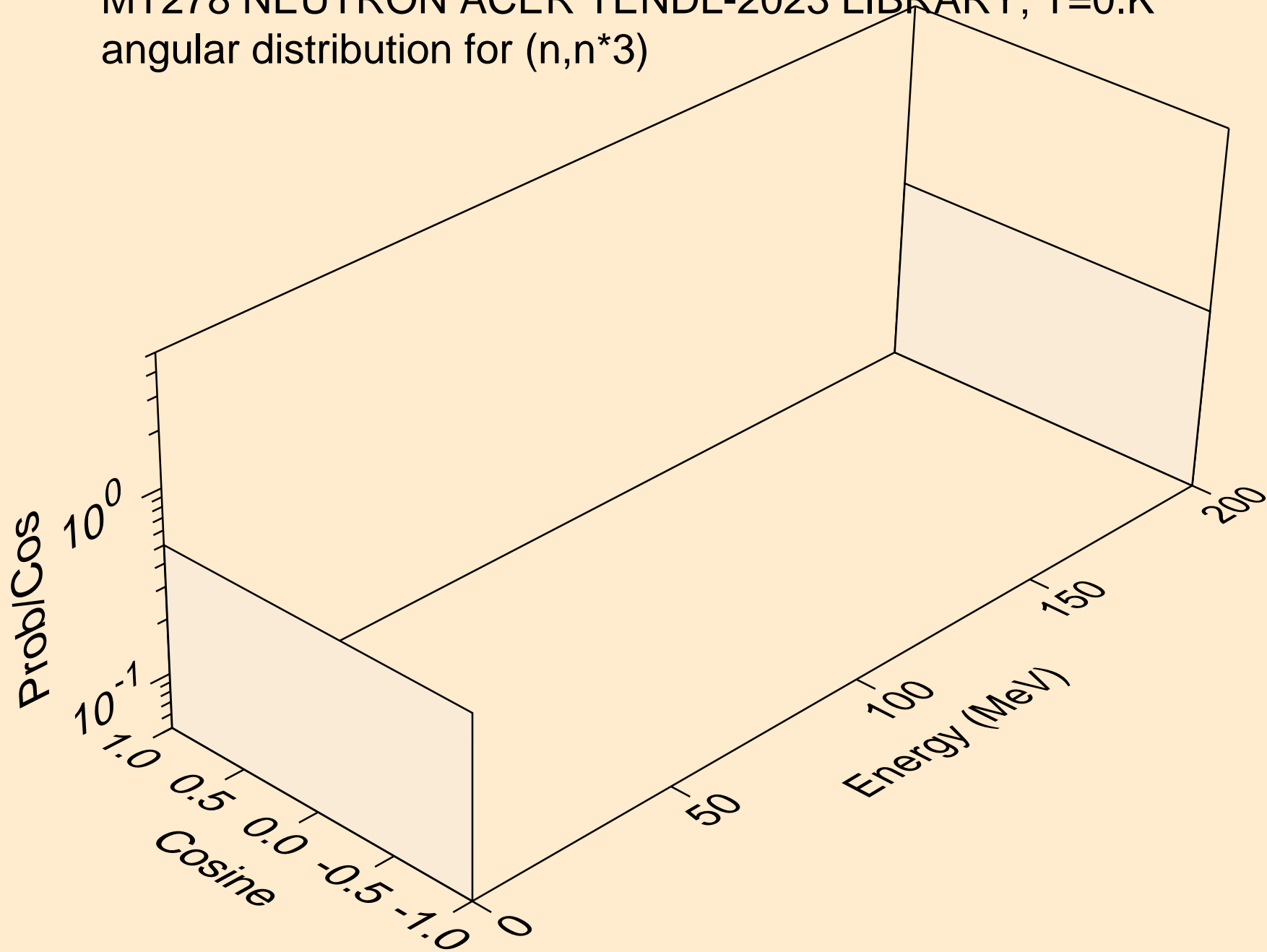
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

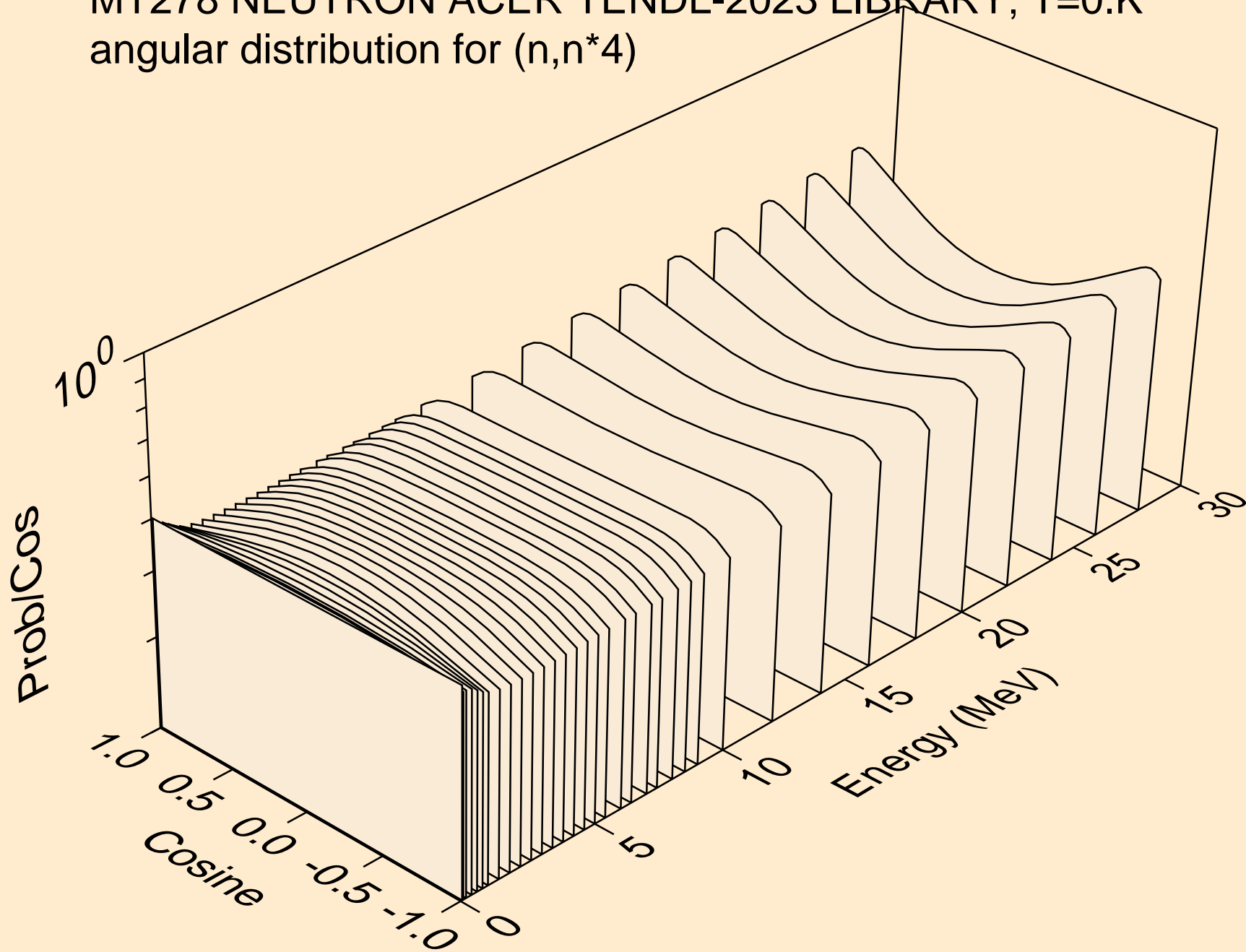


MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

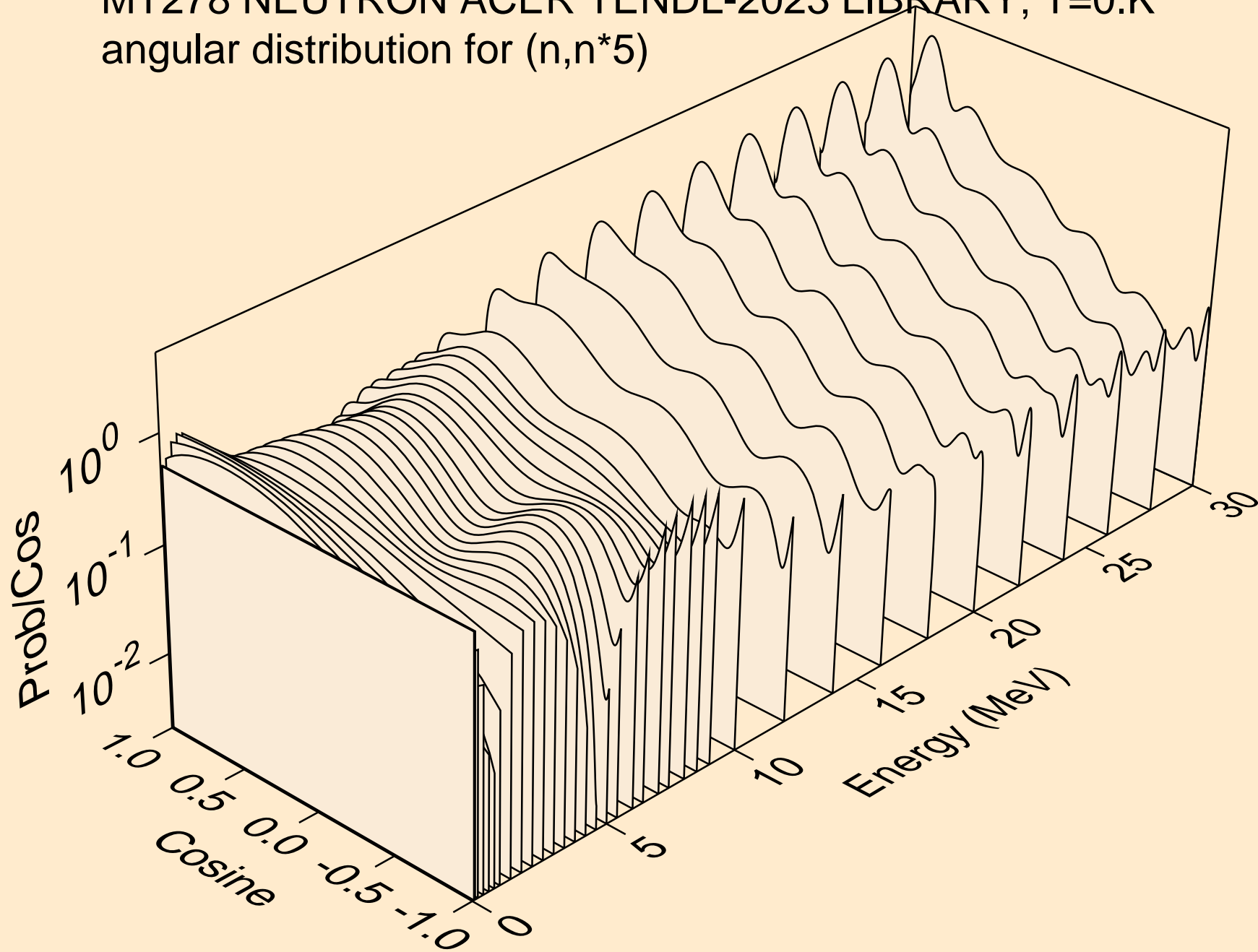




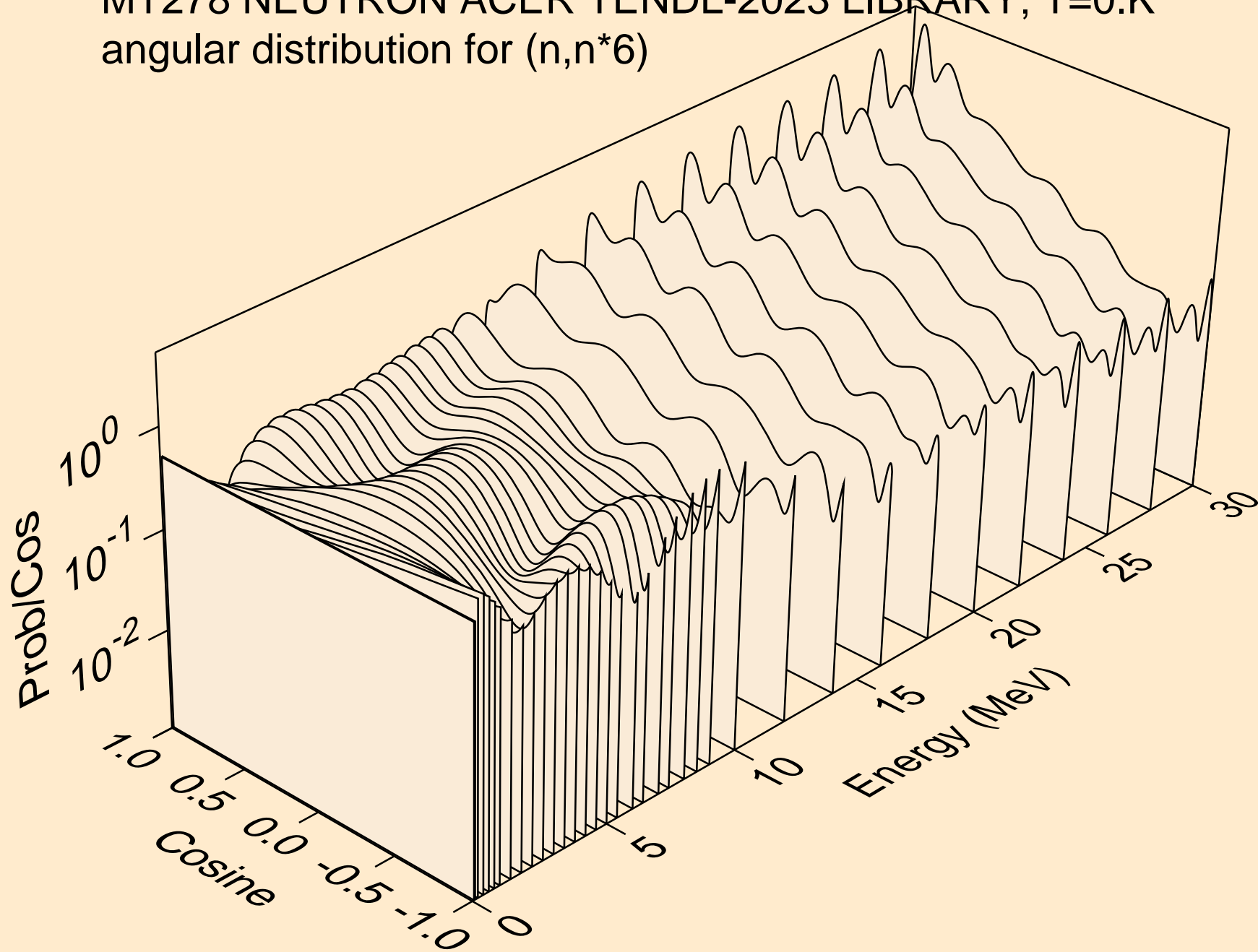
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angular distribution for (n,n\*4)



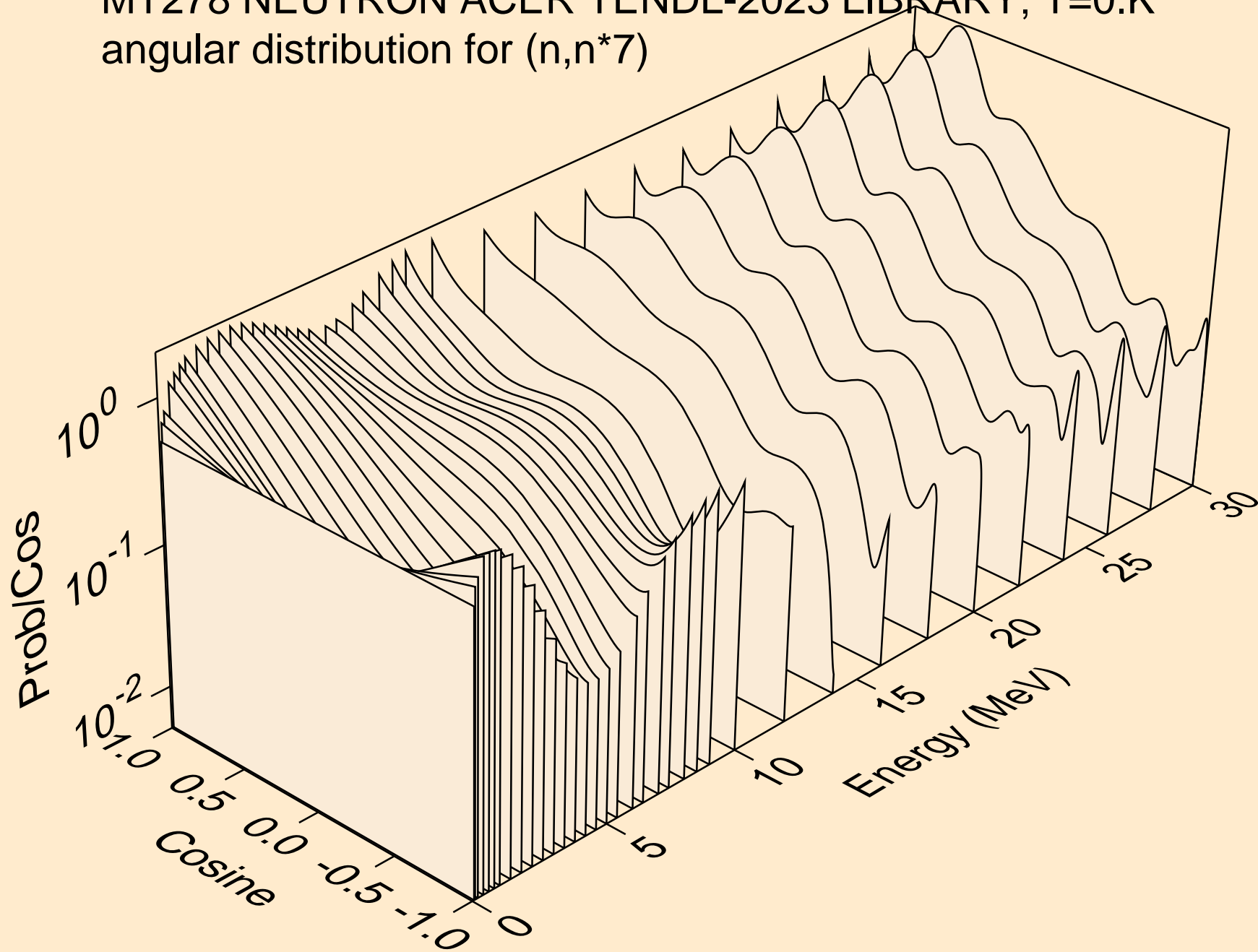
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angular distribution for (n,n\*5)



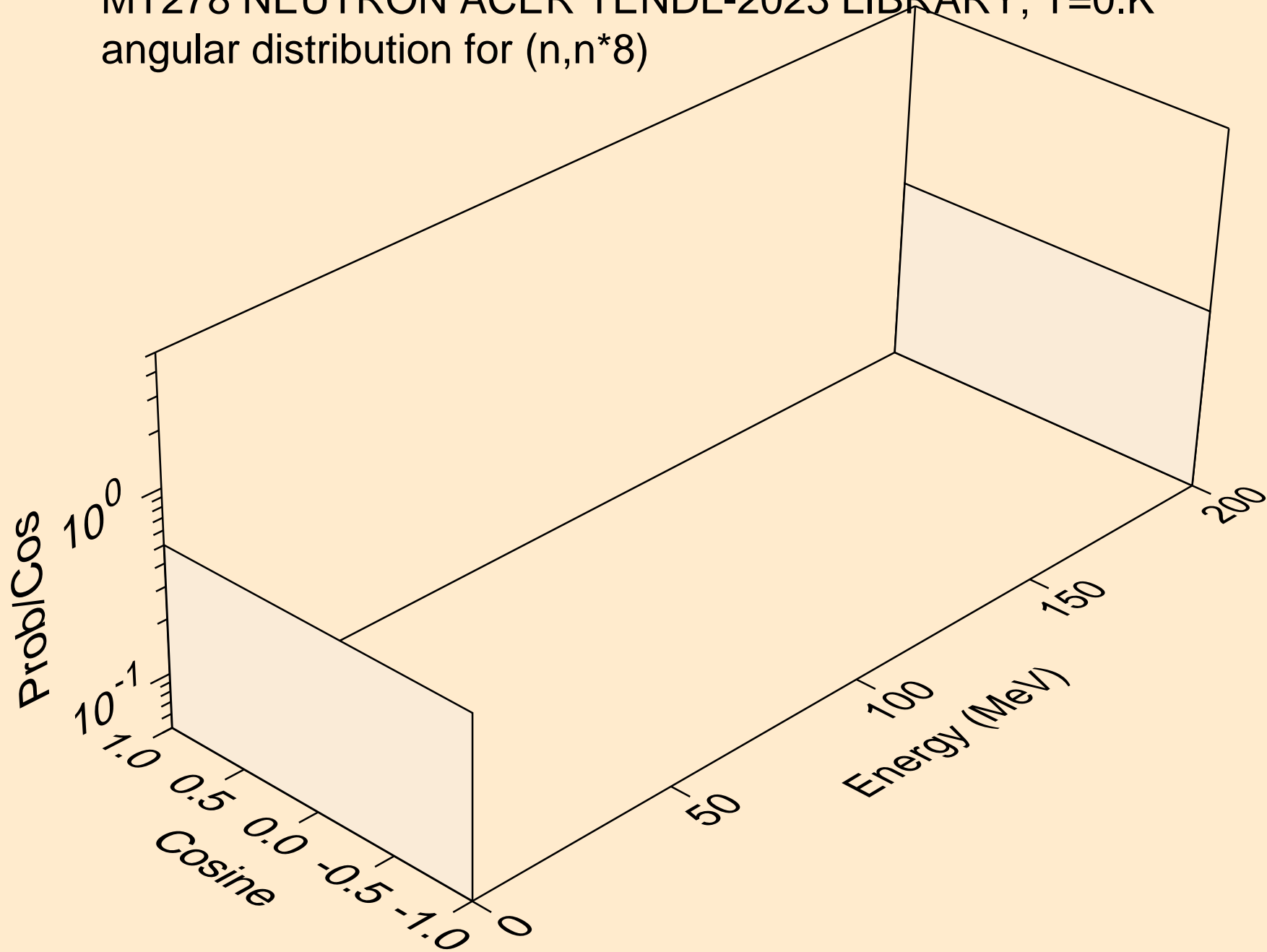
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angular distribution for (n,n\*6)



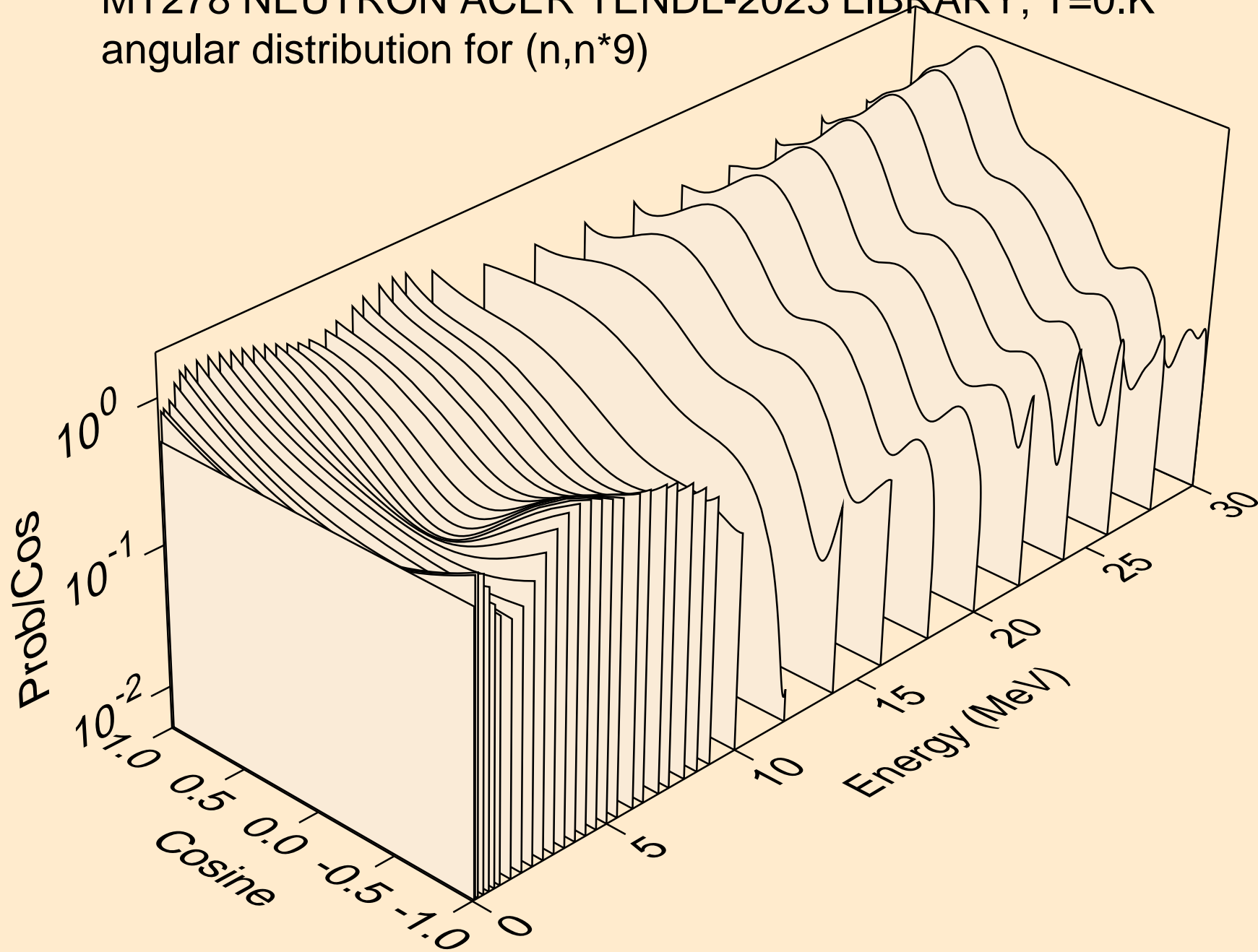
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angular distribution for (n,n\*7)



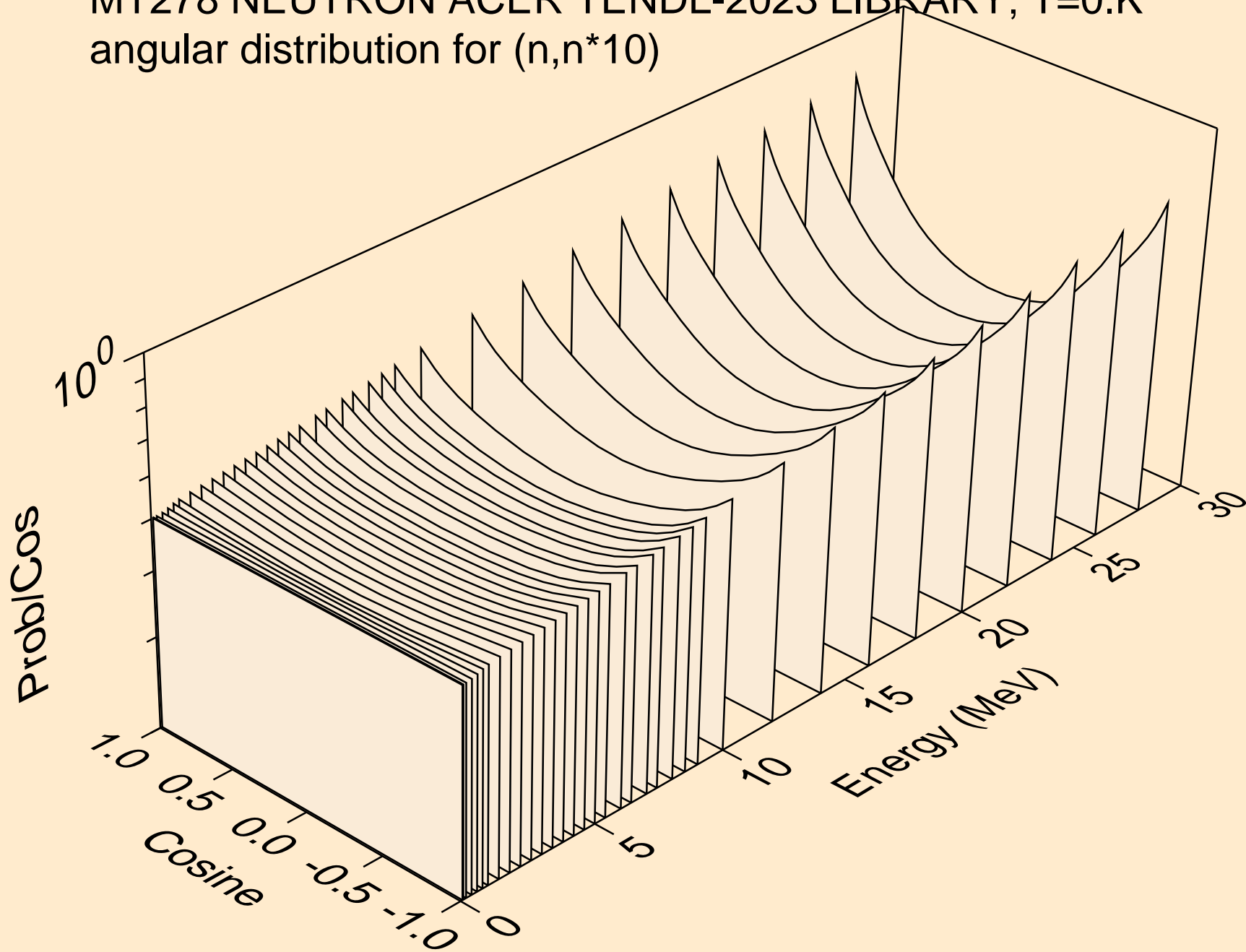
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angular distribution for (n,n\*8)



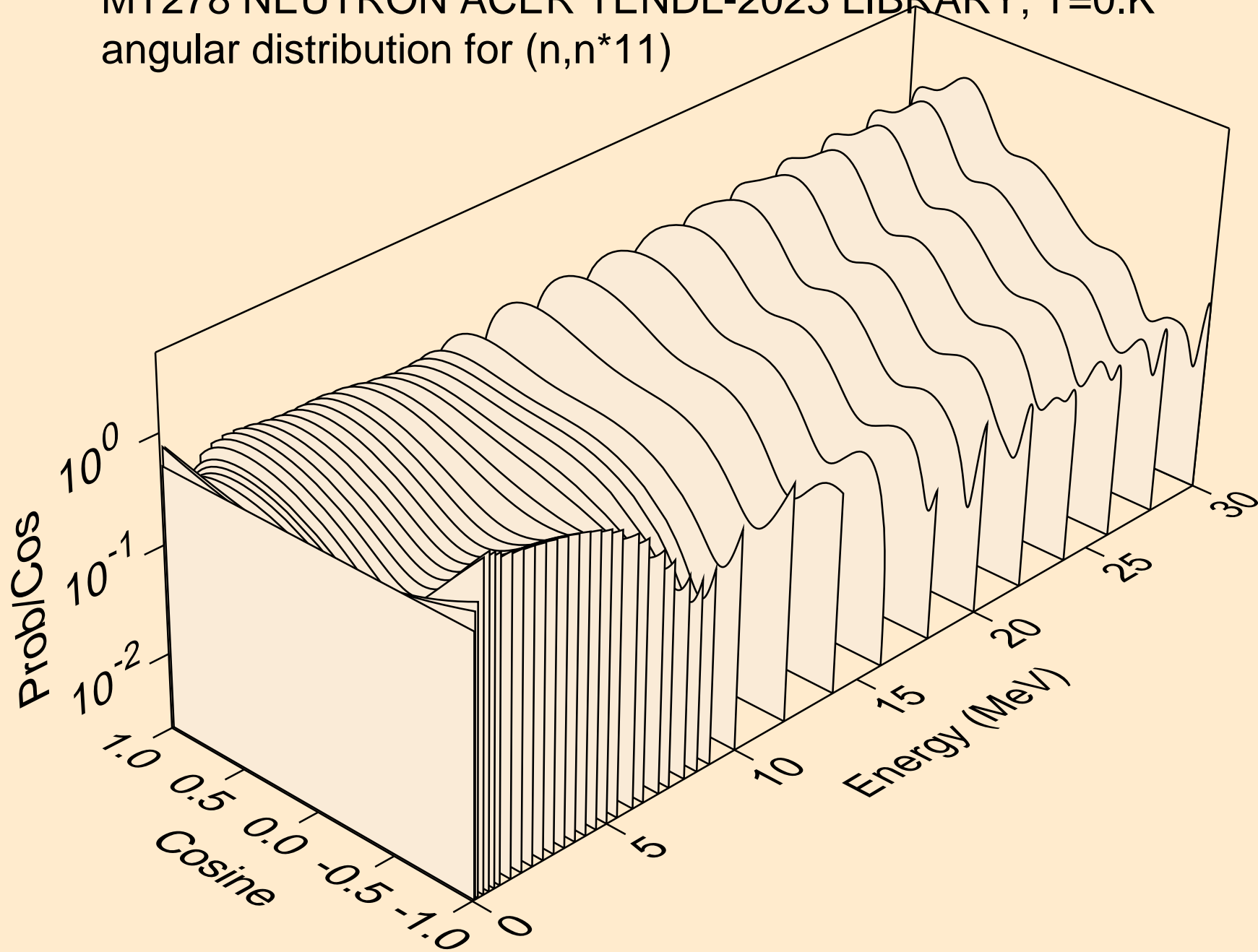
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

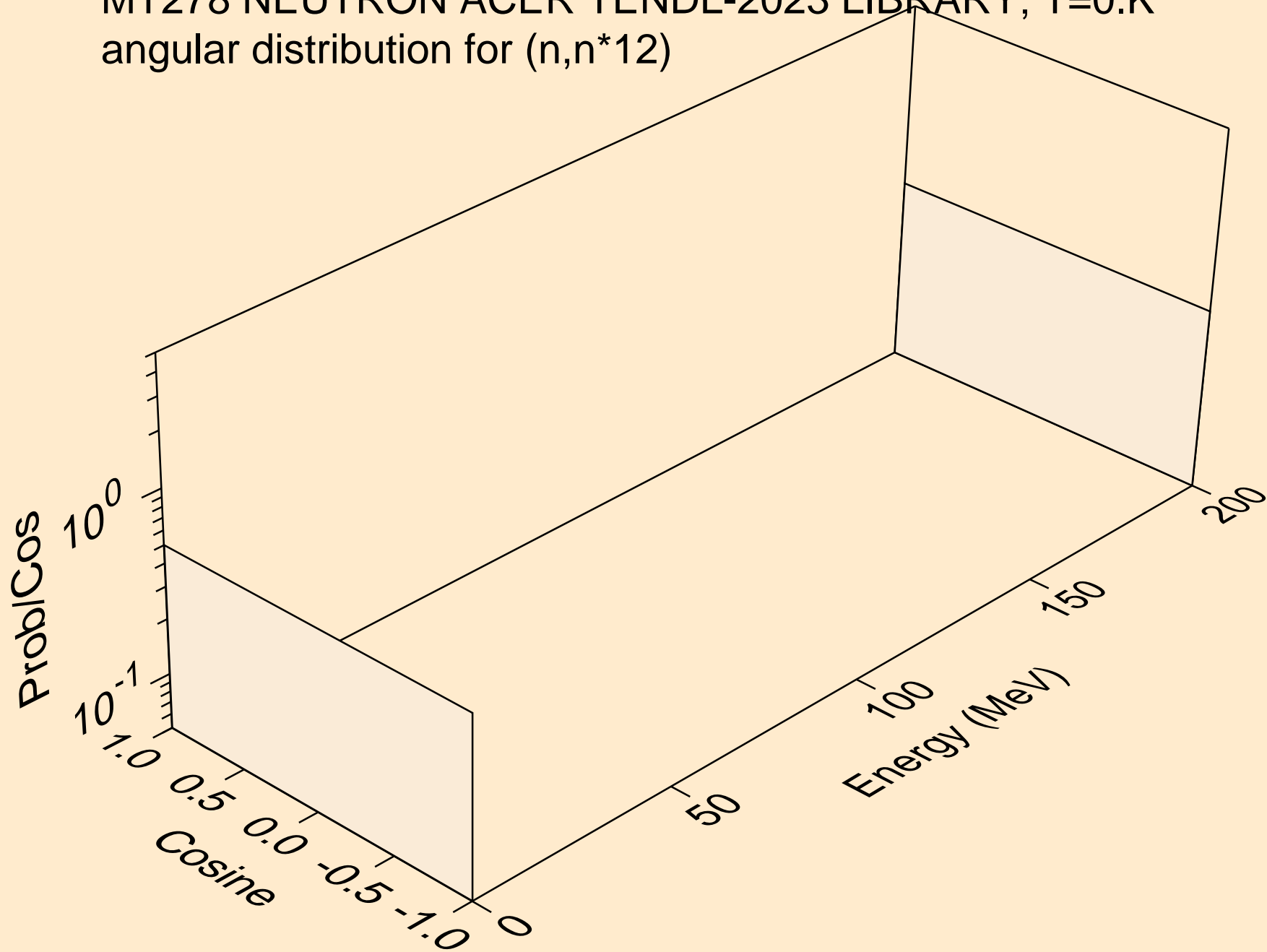


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angular distribution for (n,n\*11)

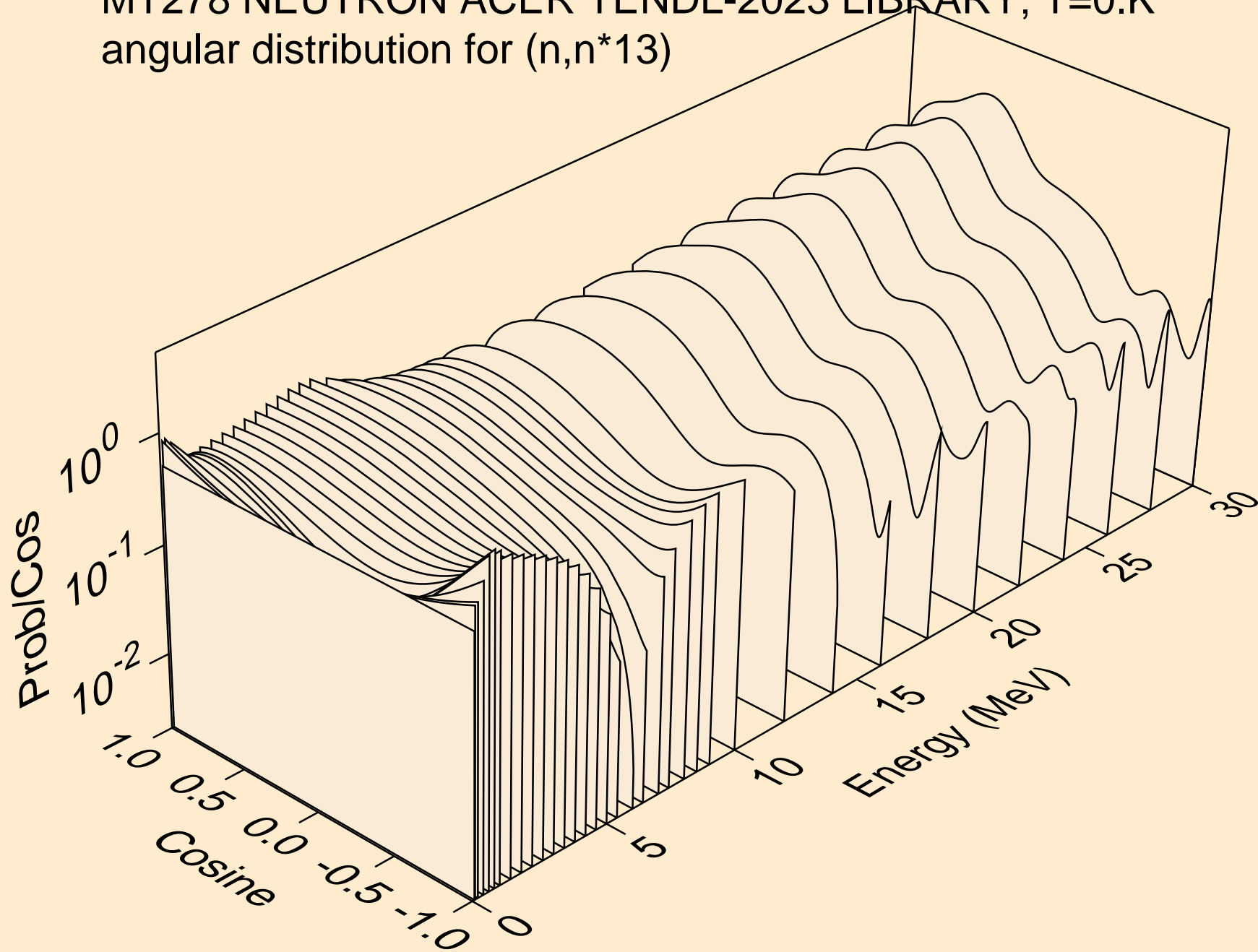




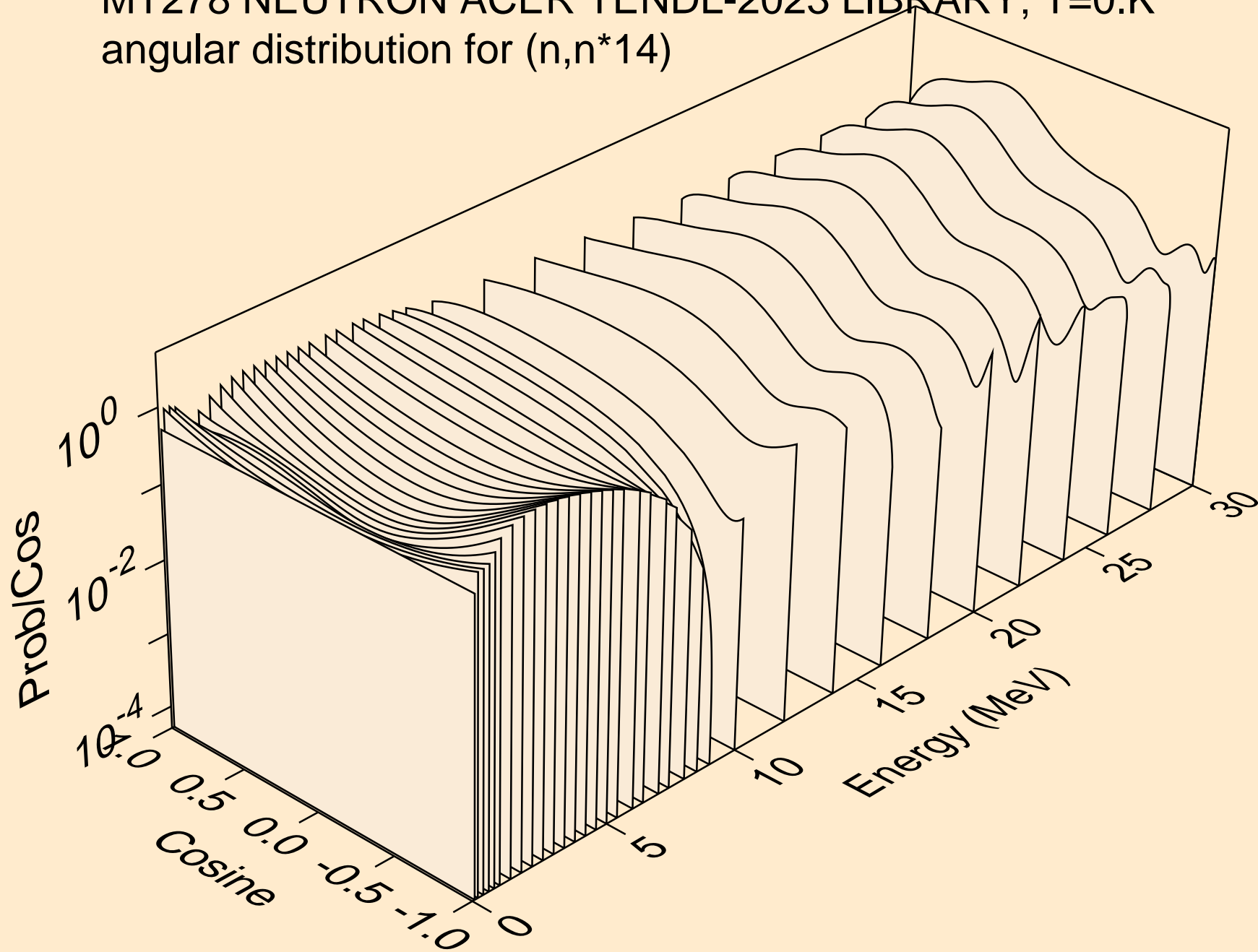
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angular distribution for (n,n\*12)



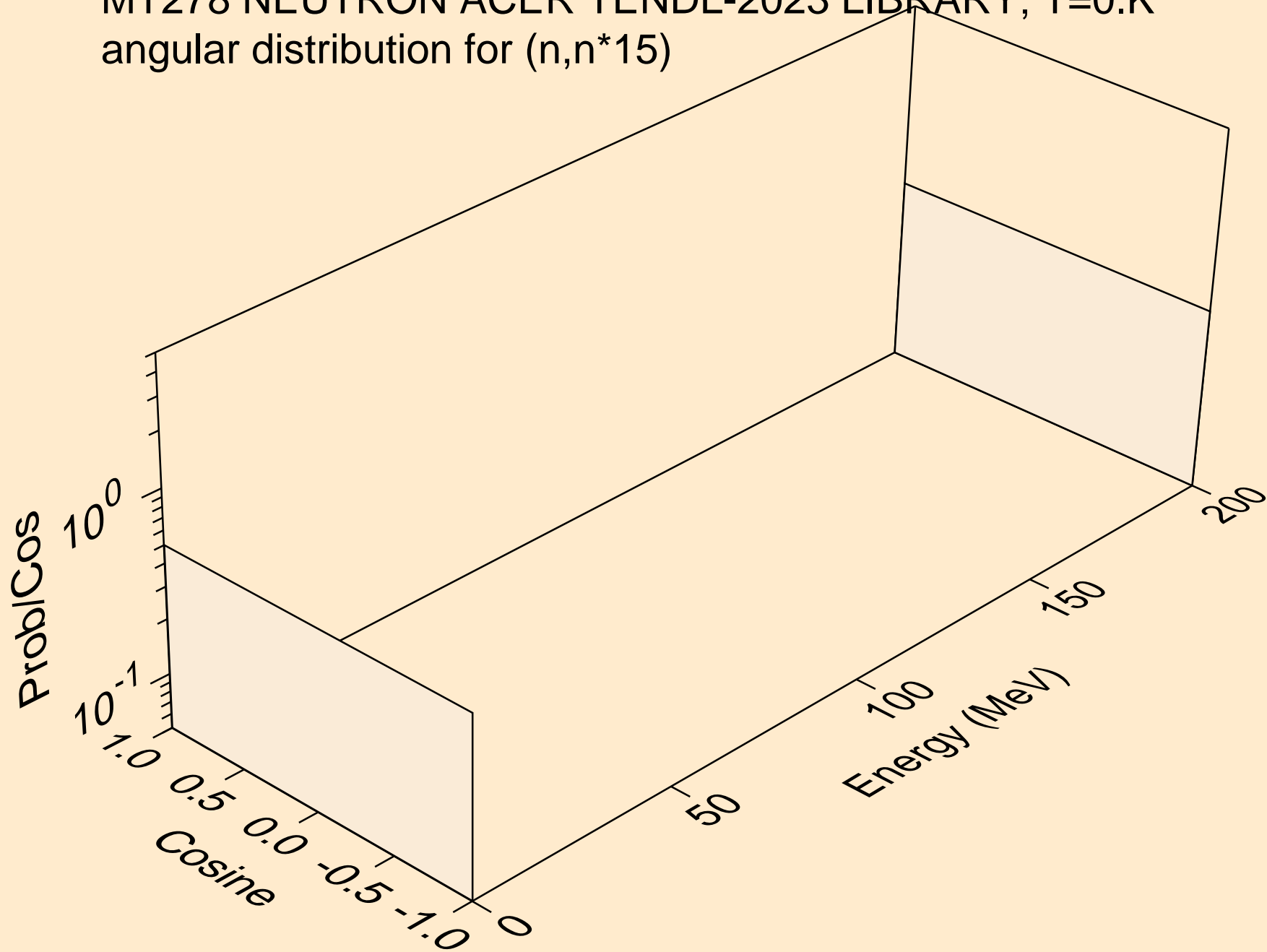
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angular distribution for (n,n\*13)



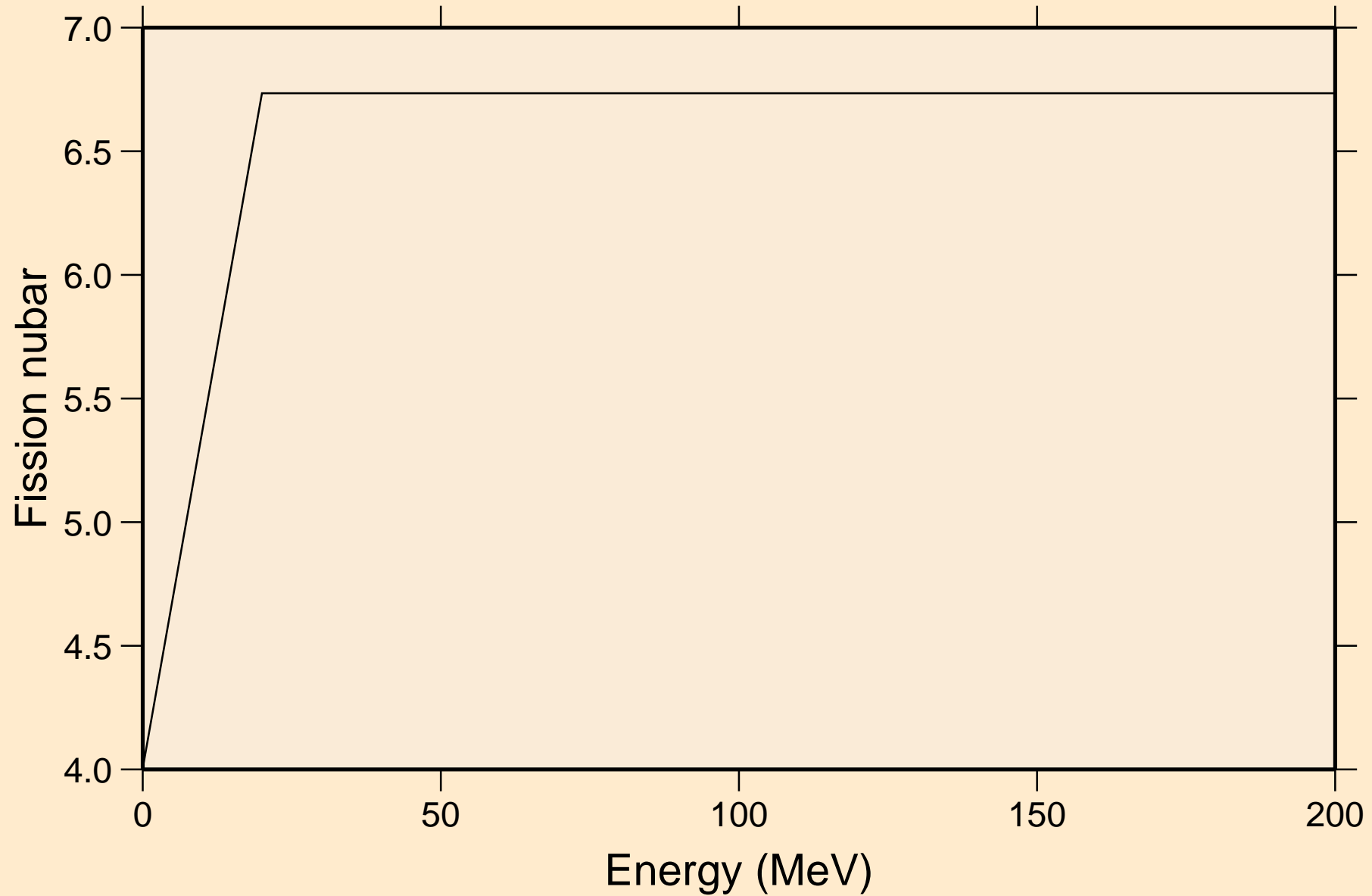
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angular distribution for (n,n\*14)



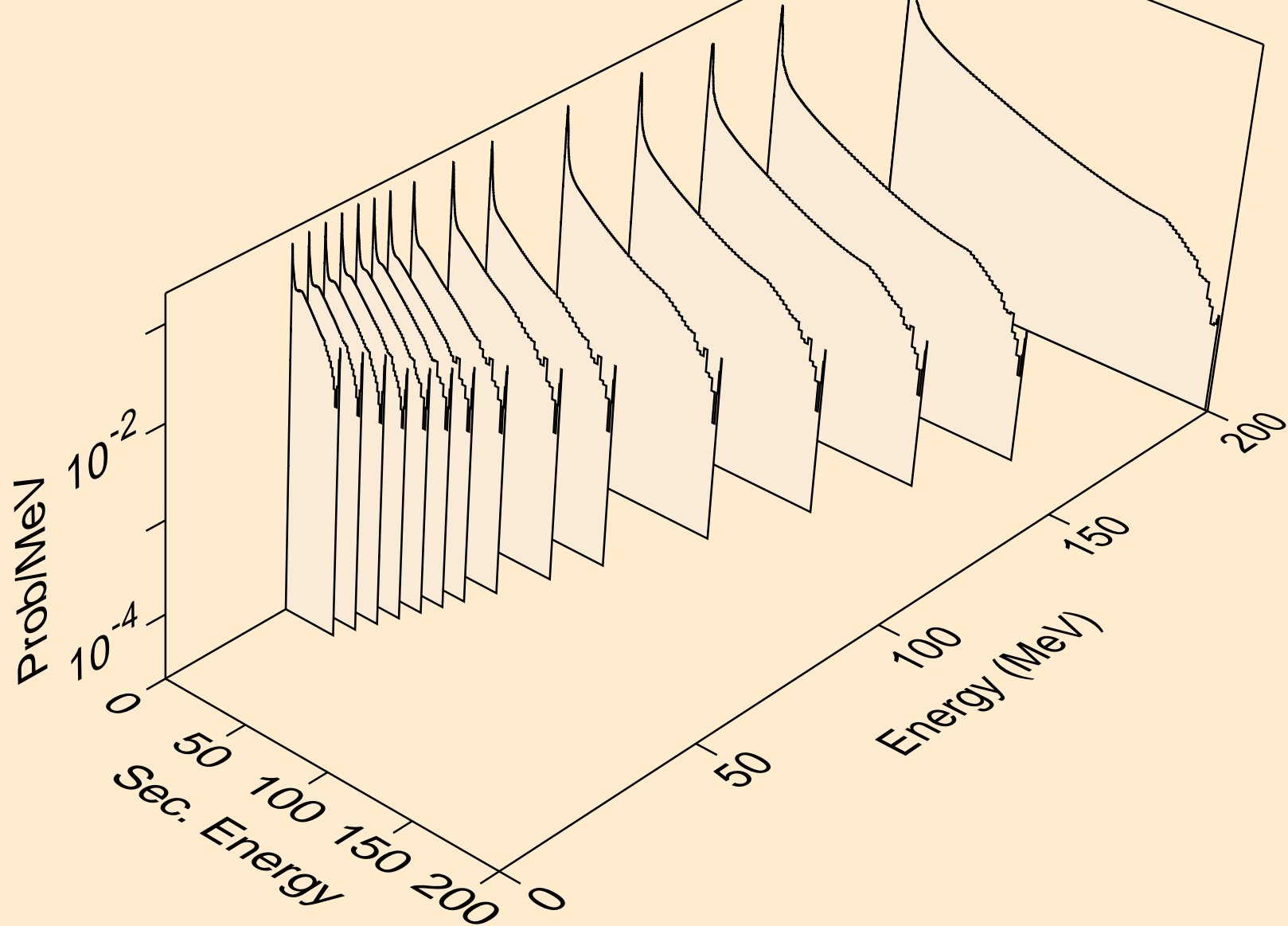
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angular distribution for (n,n\*15)



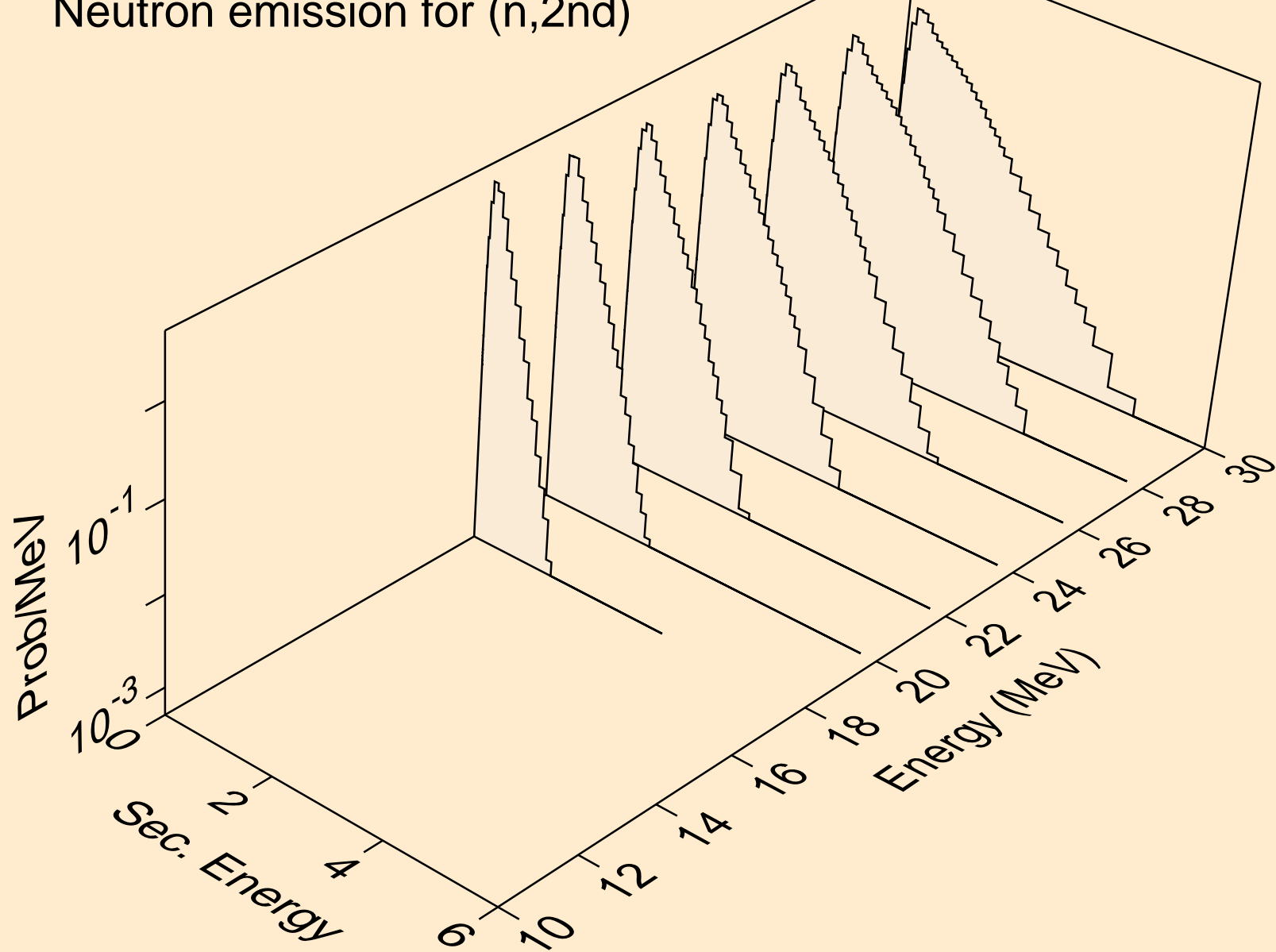
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Total fission nubar



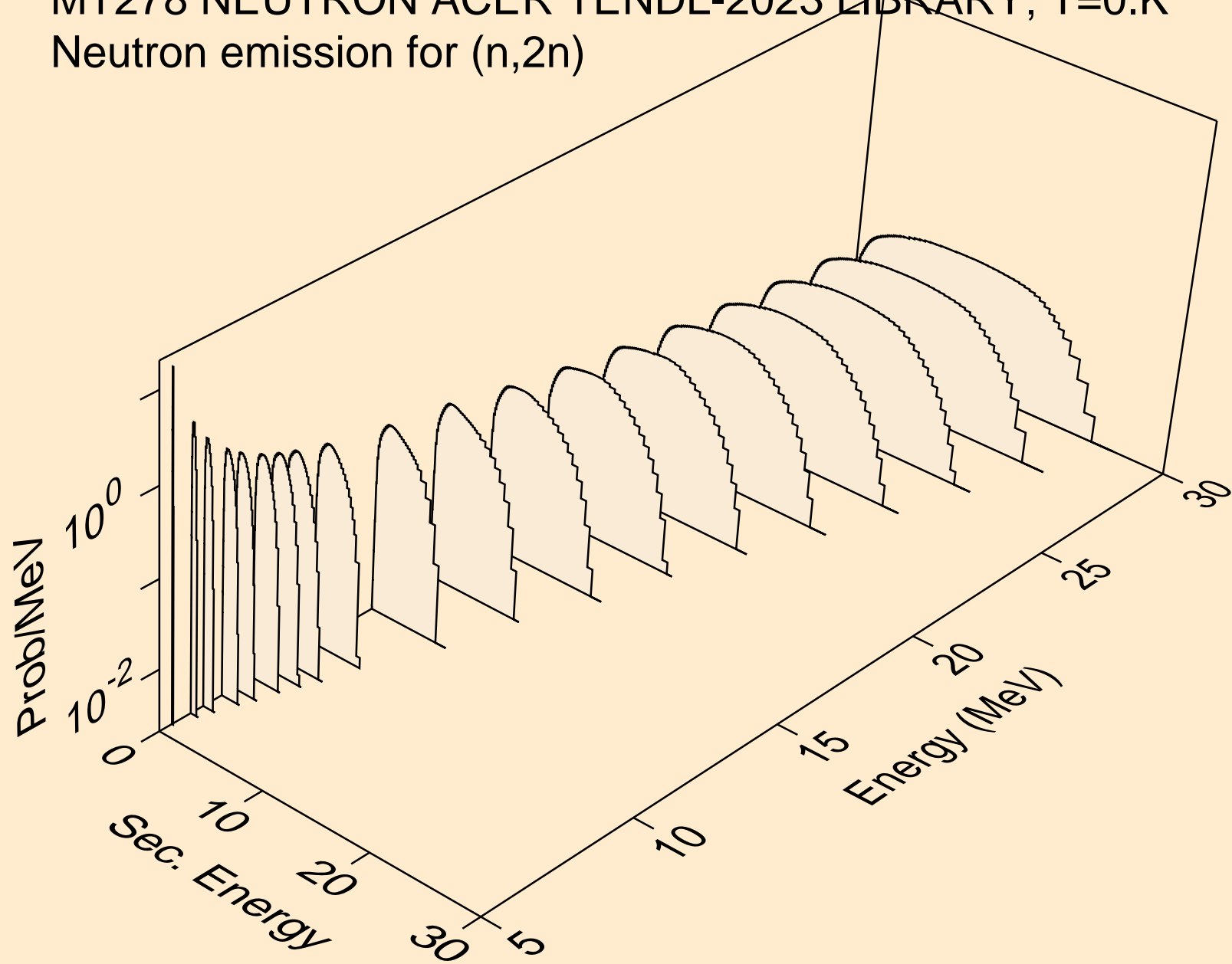
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

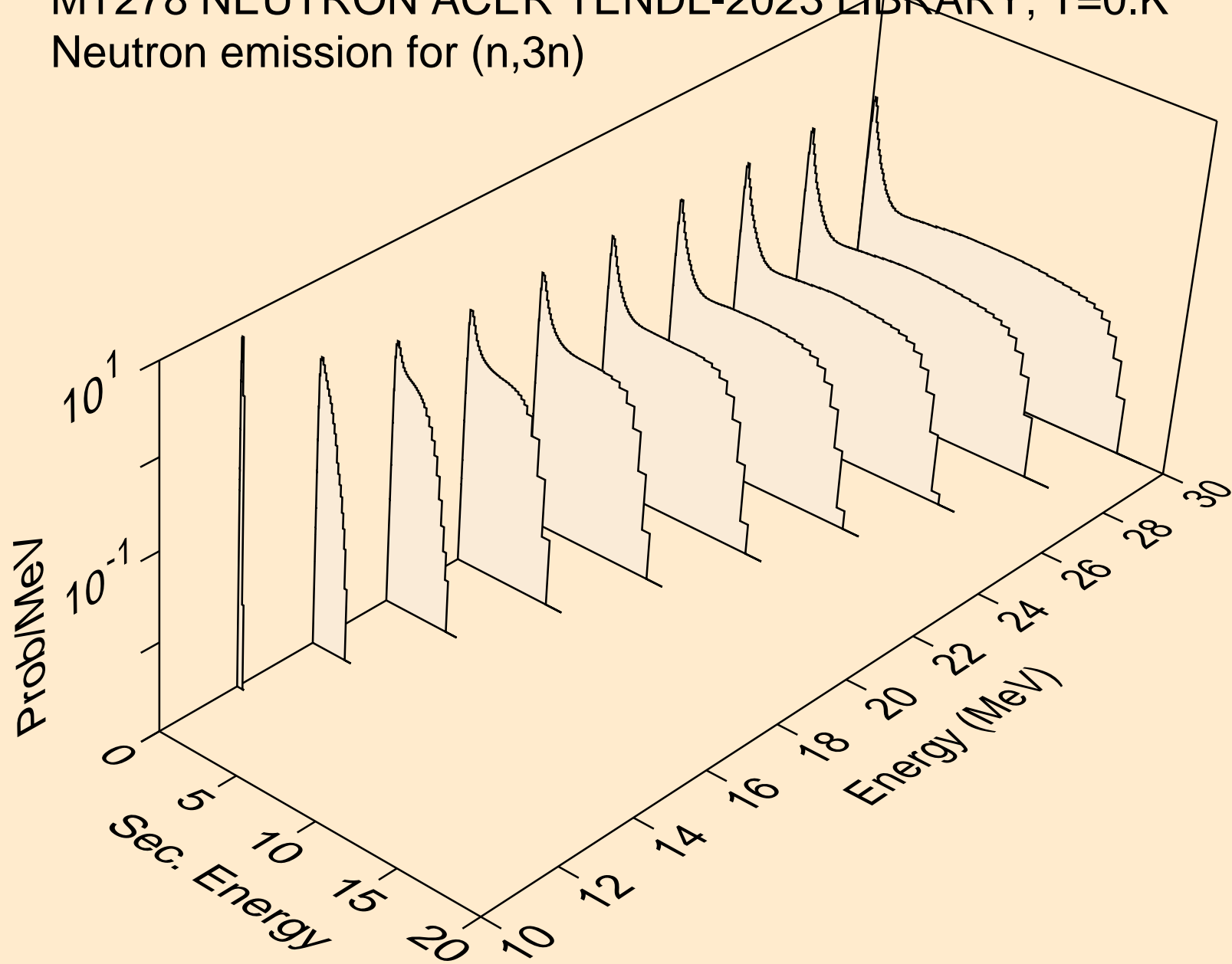


MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

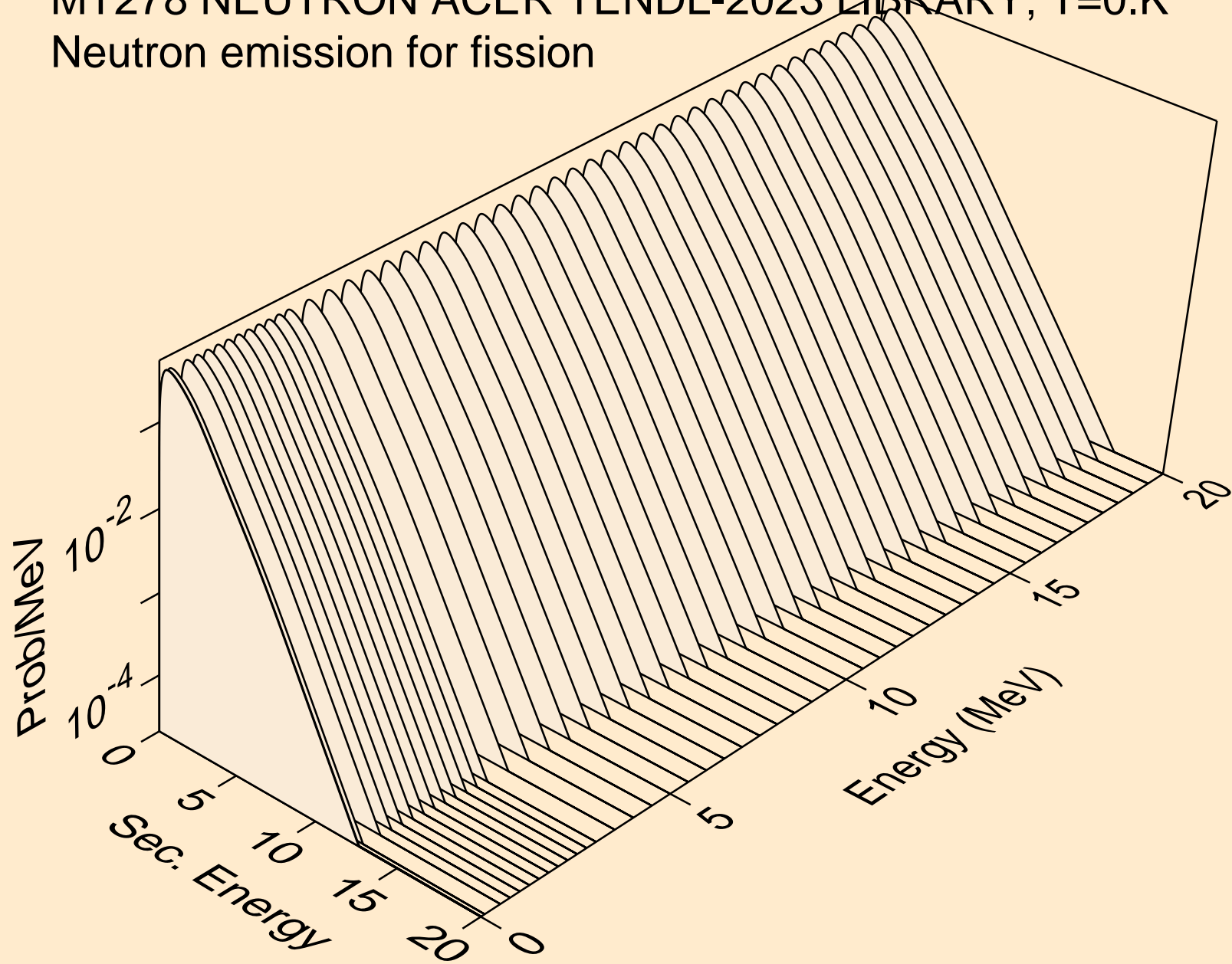




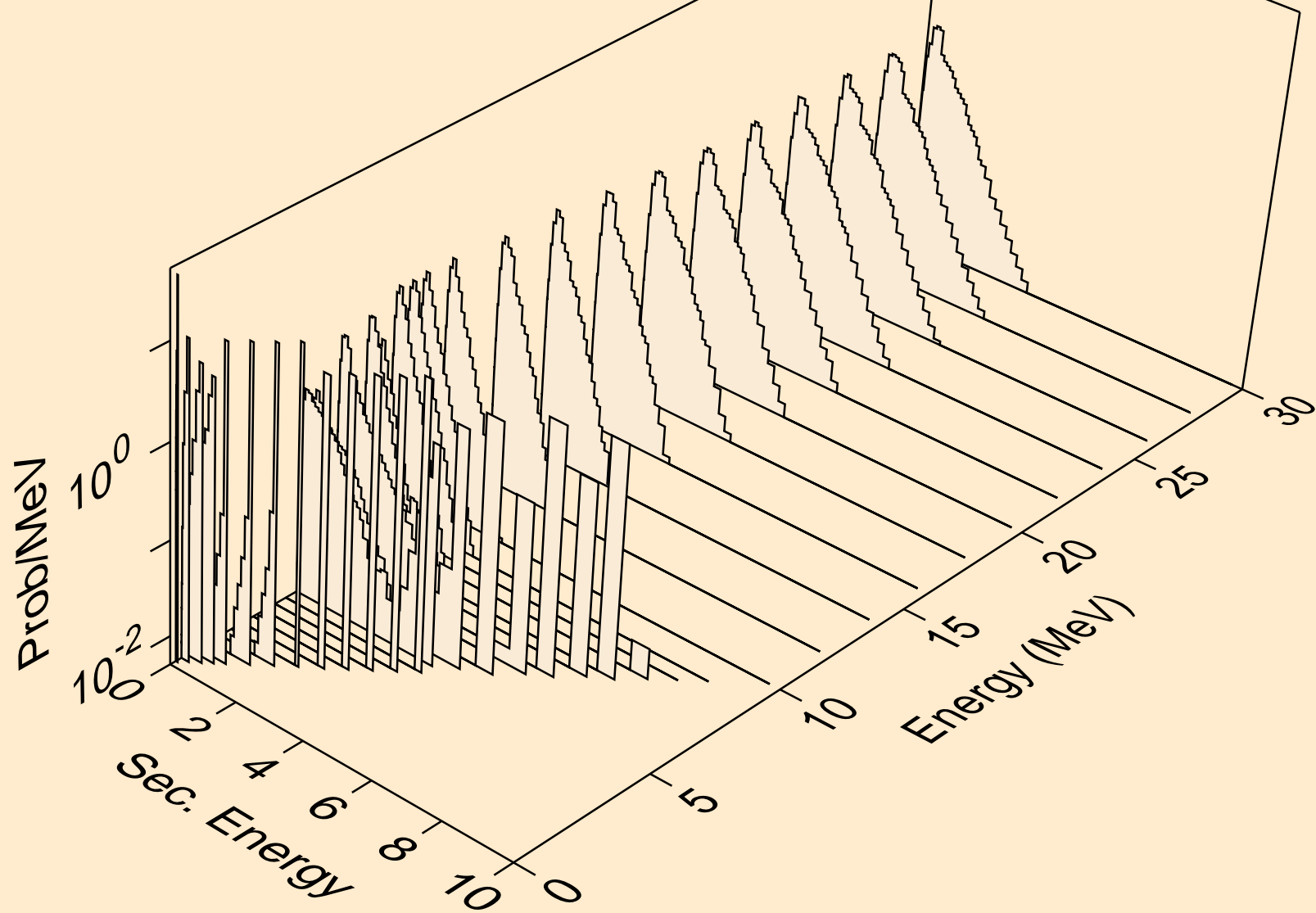
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



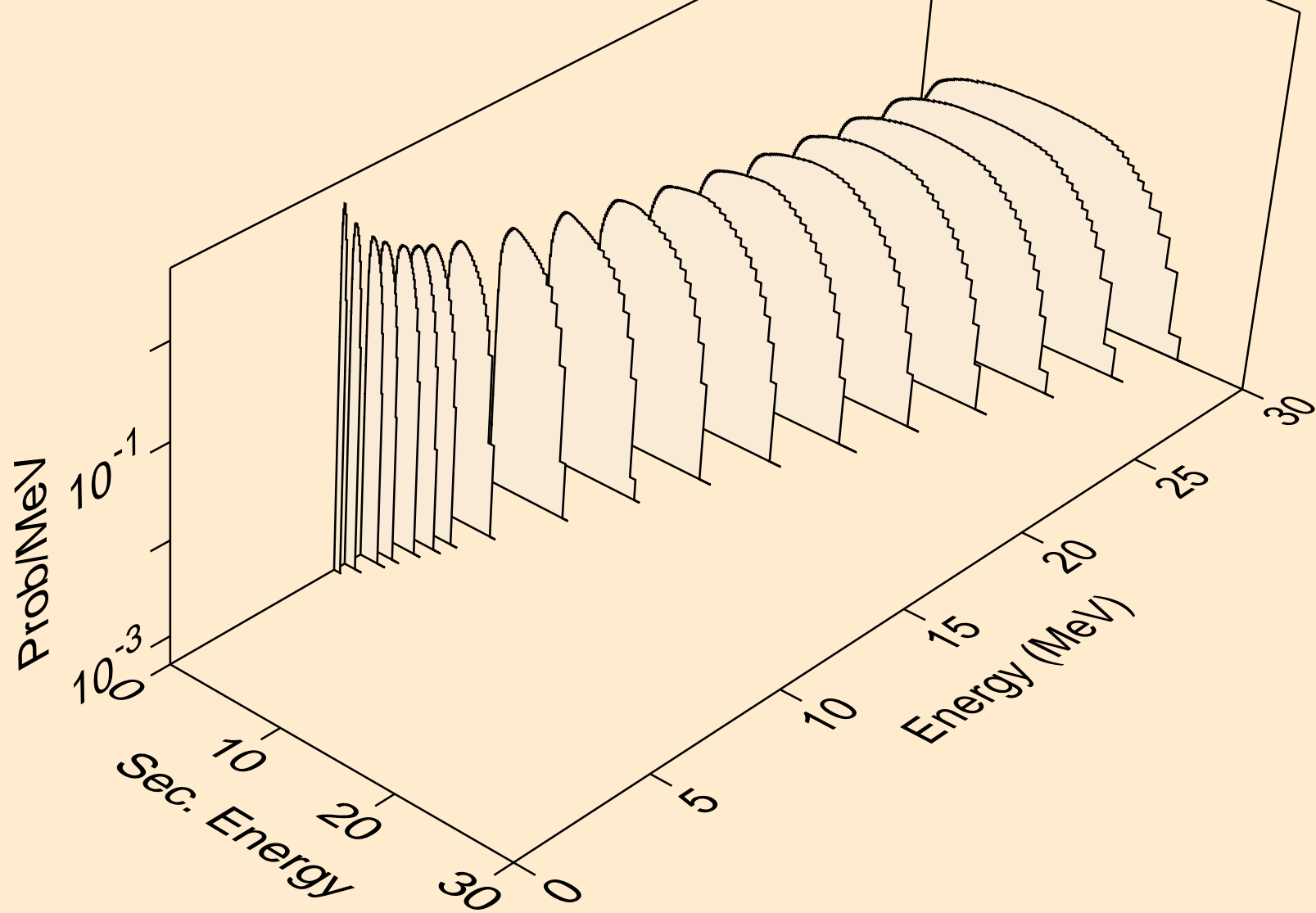
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for fission



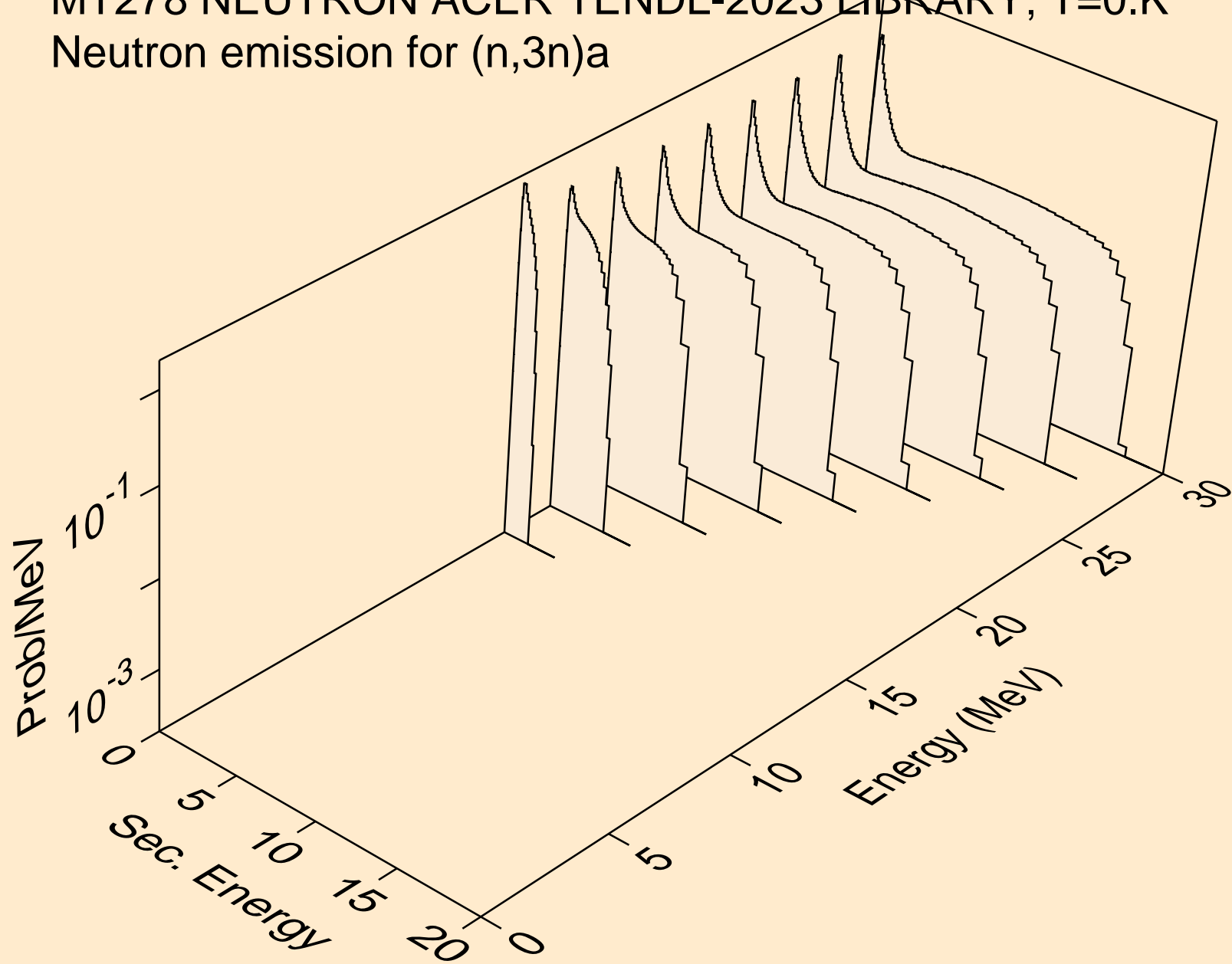
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



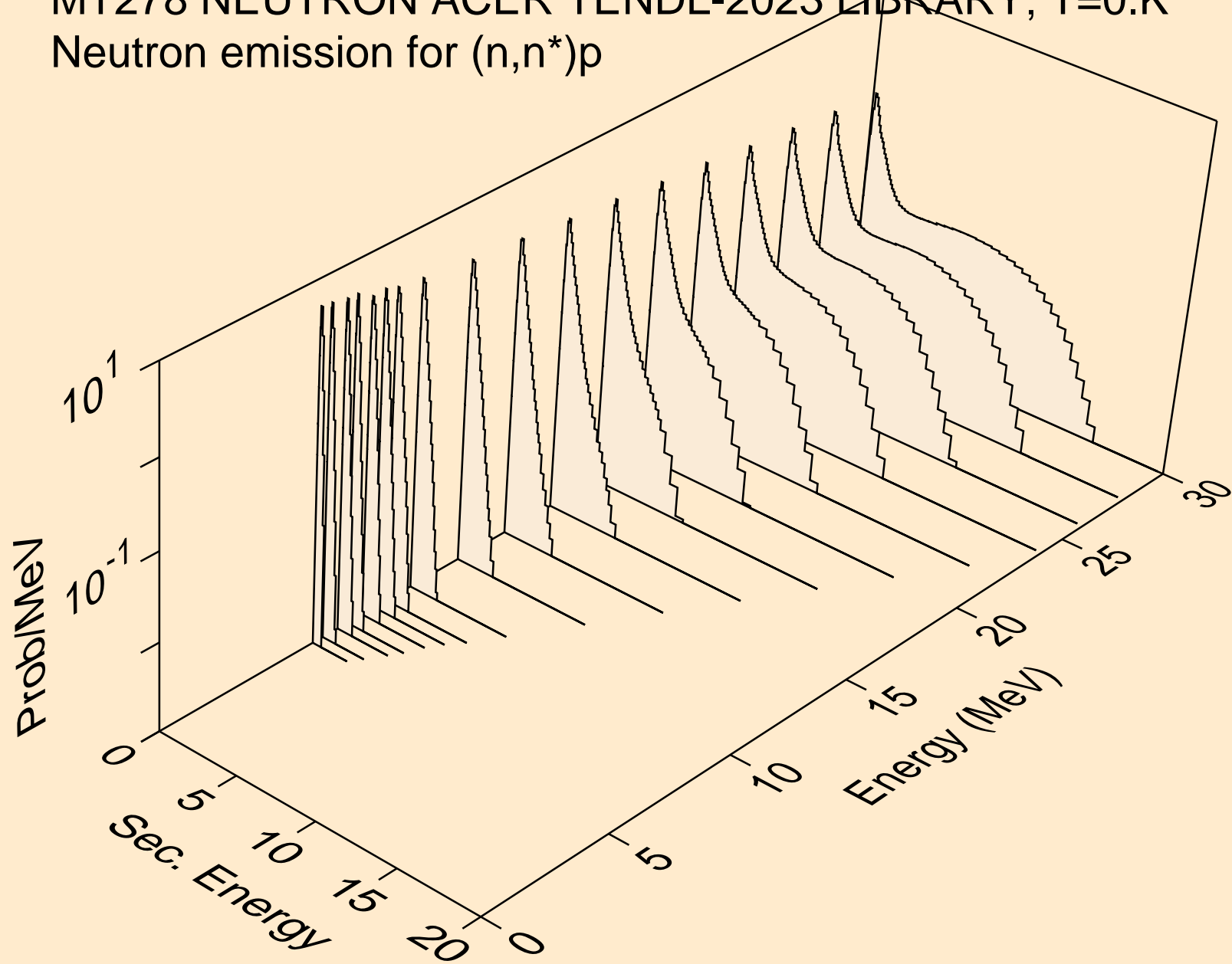
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Neutron emission for (n,2n)a



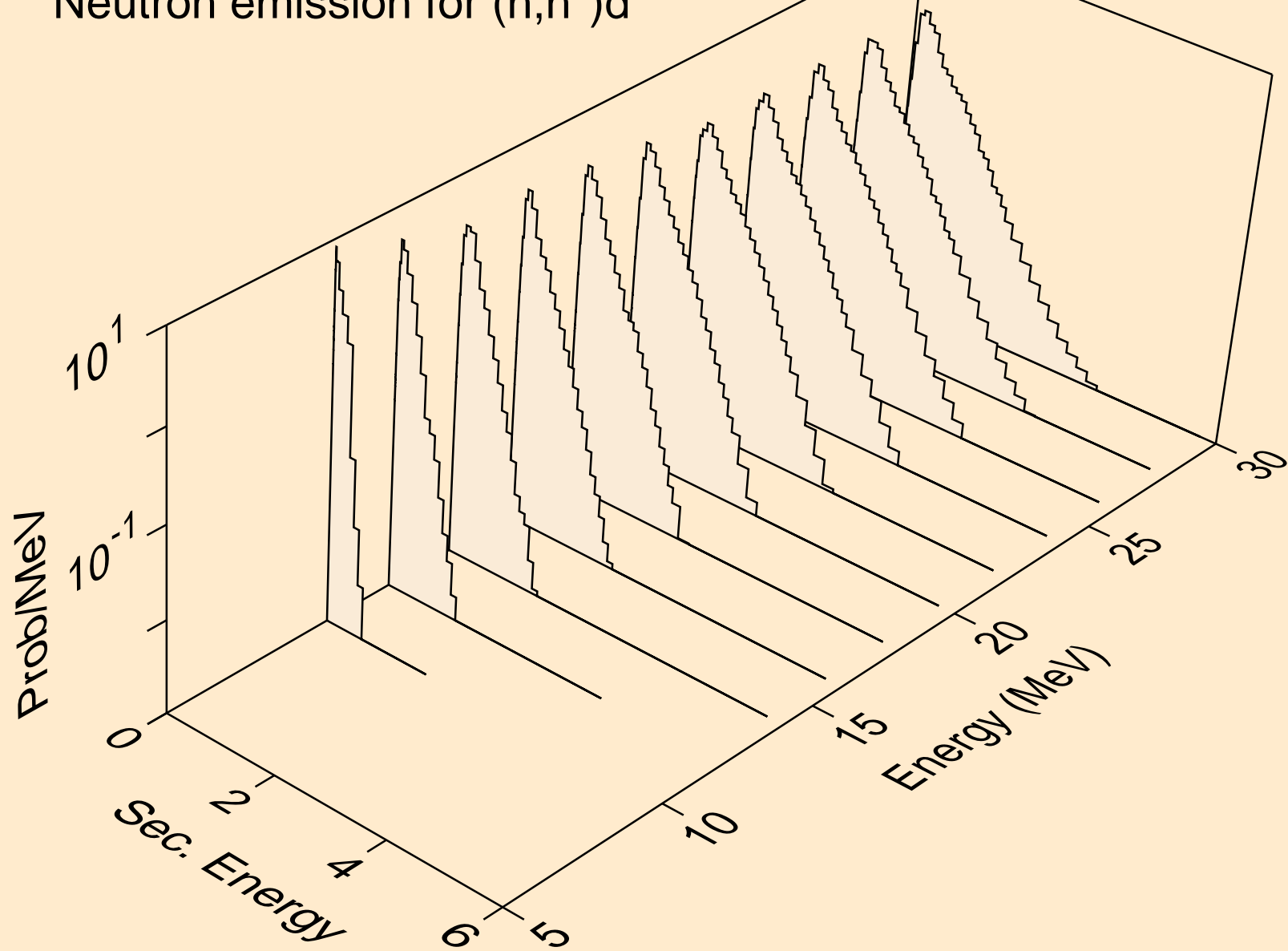
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Neutron emission for (n,3n)a



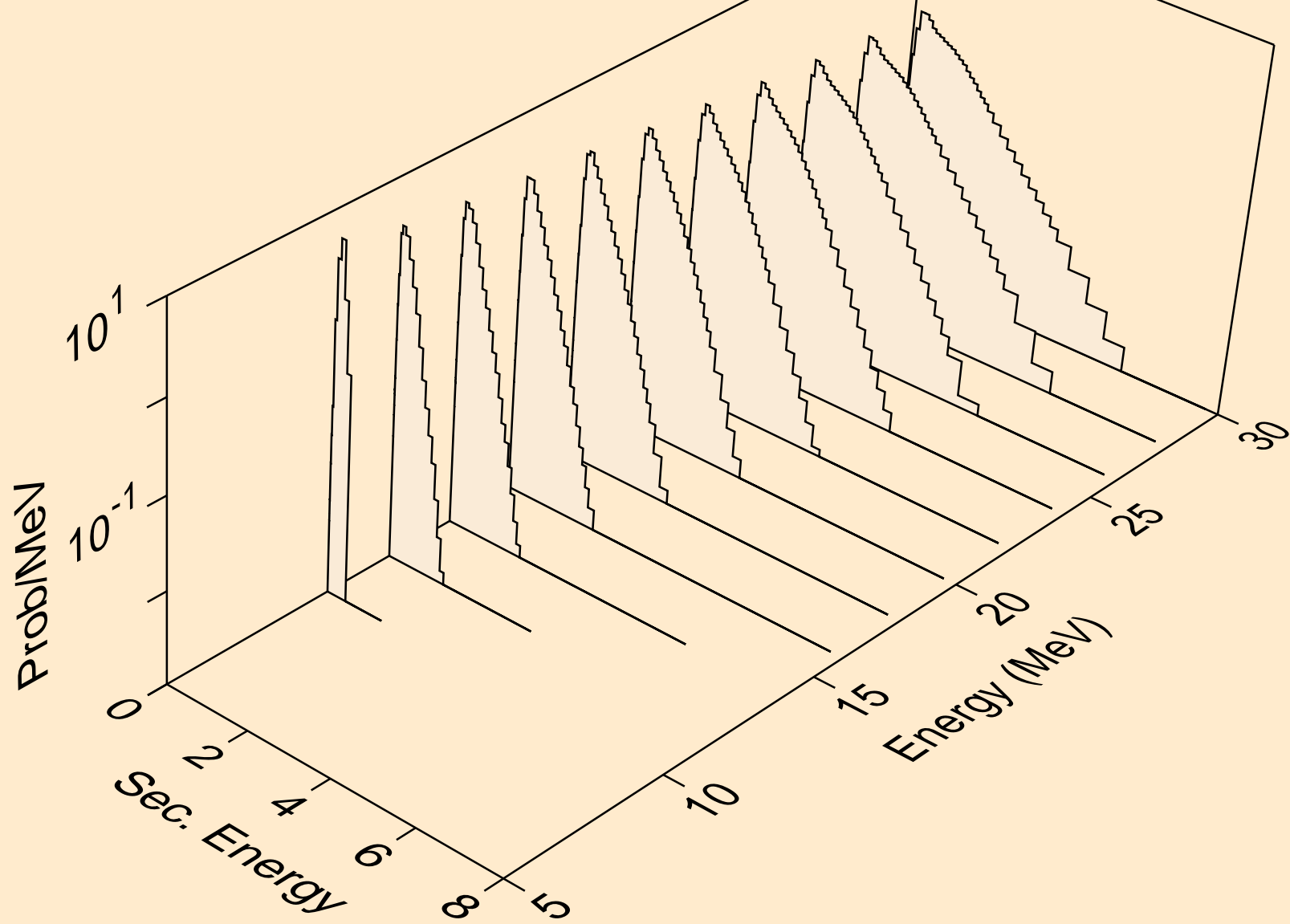
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

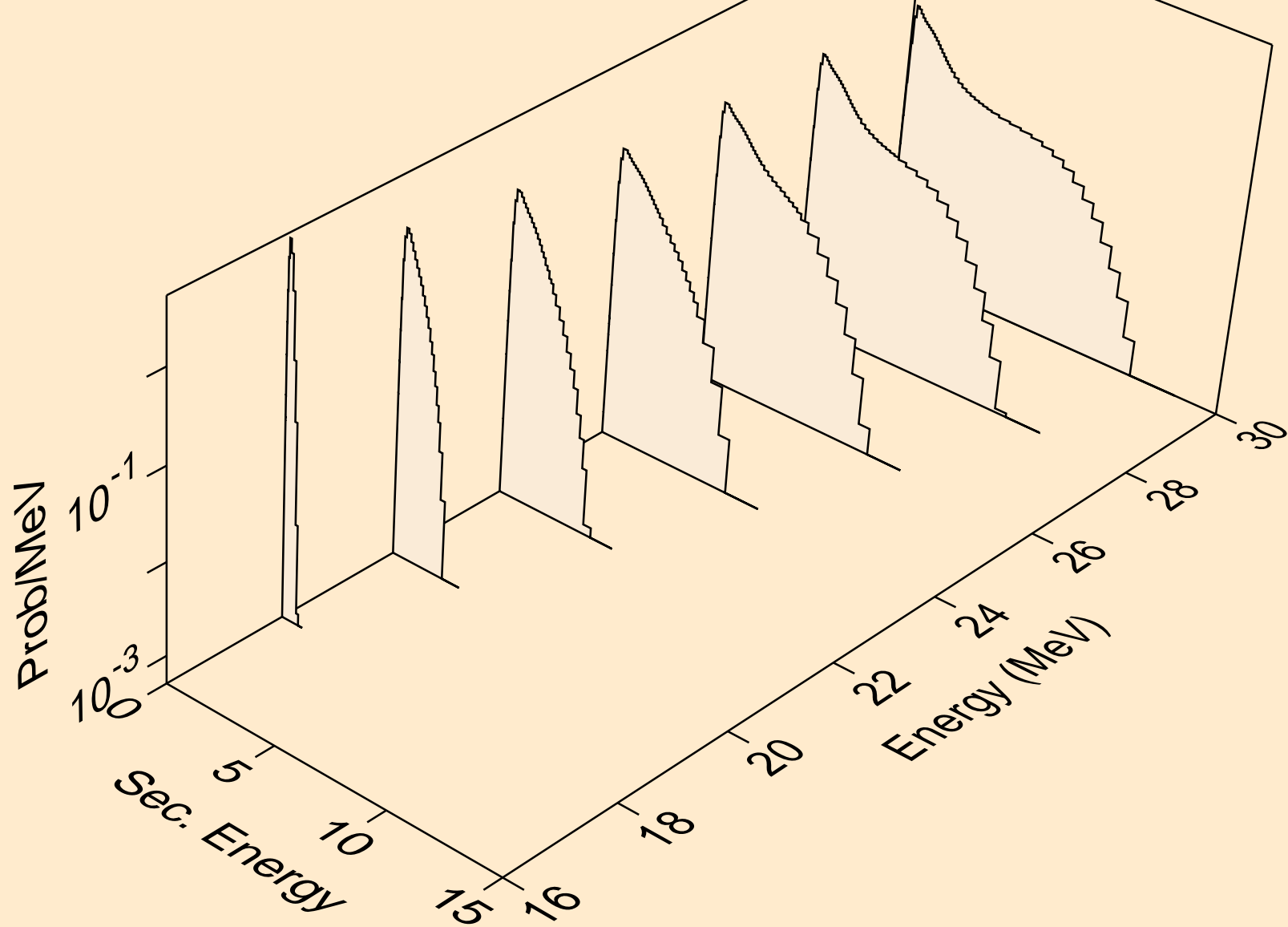


MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

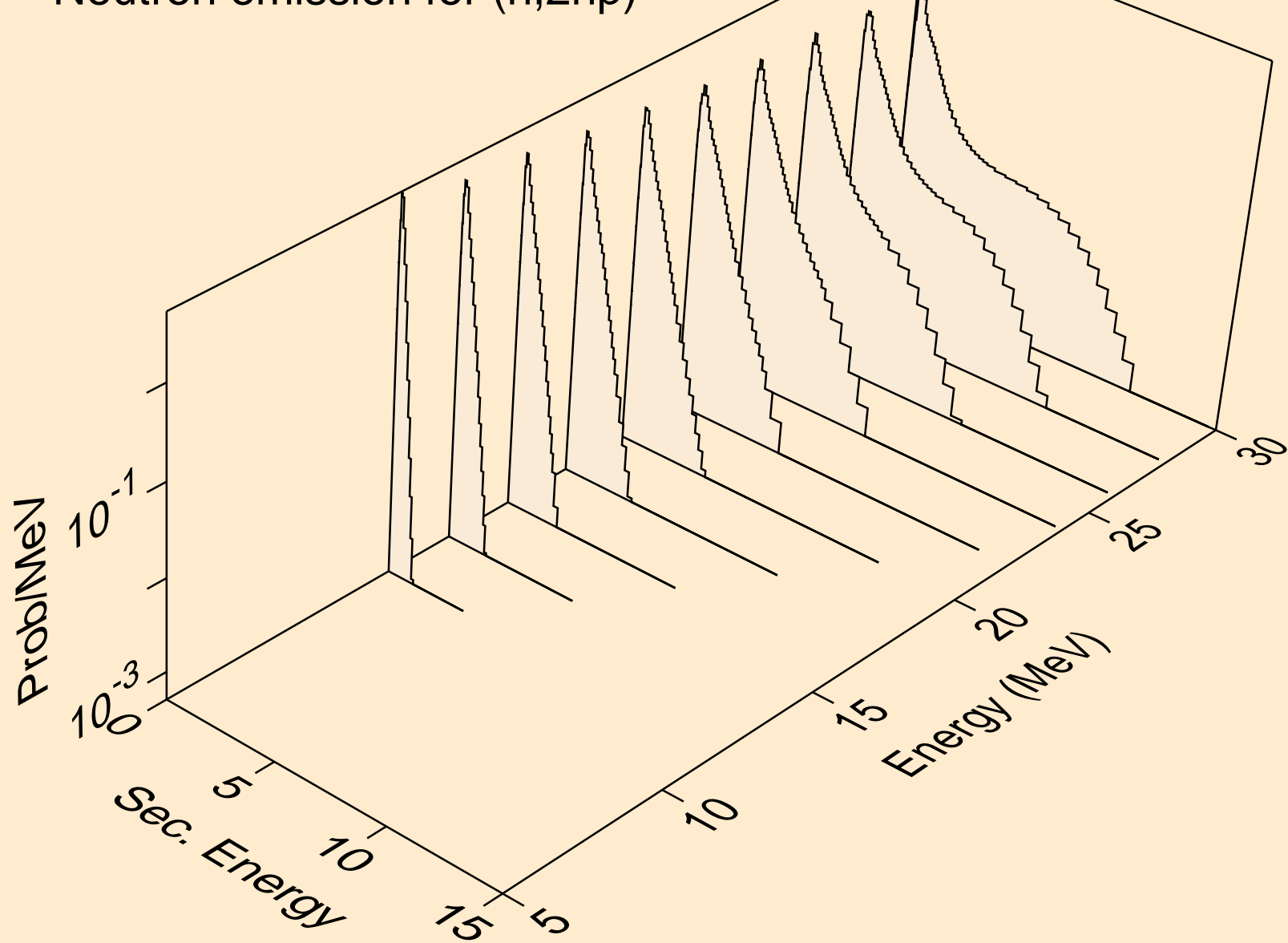




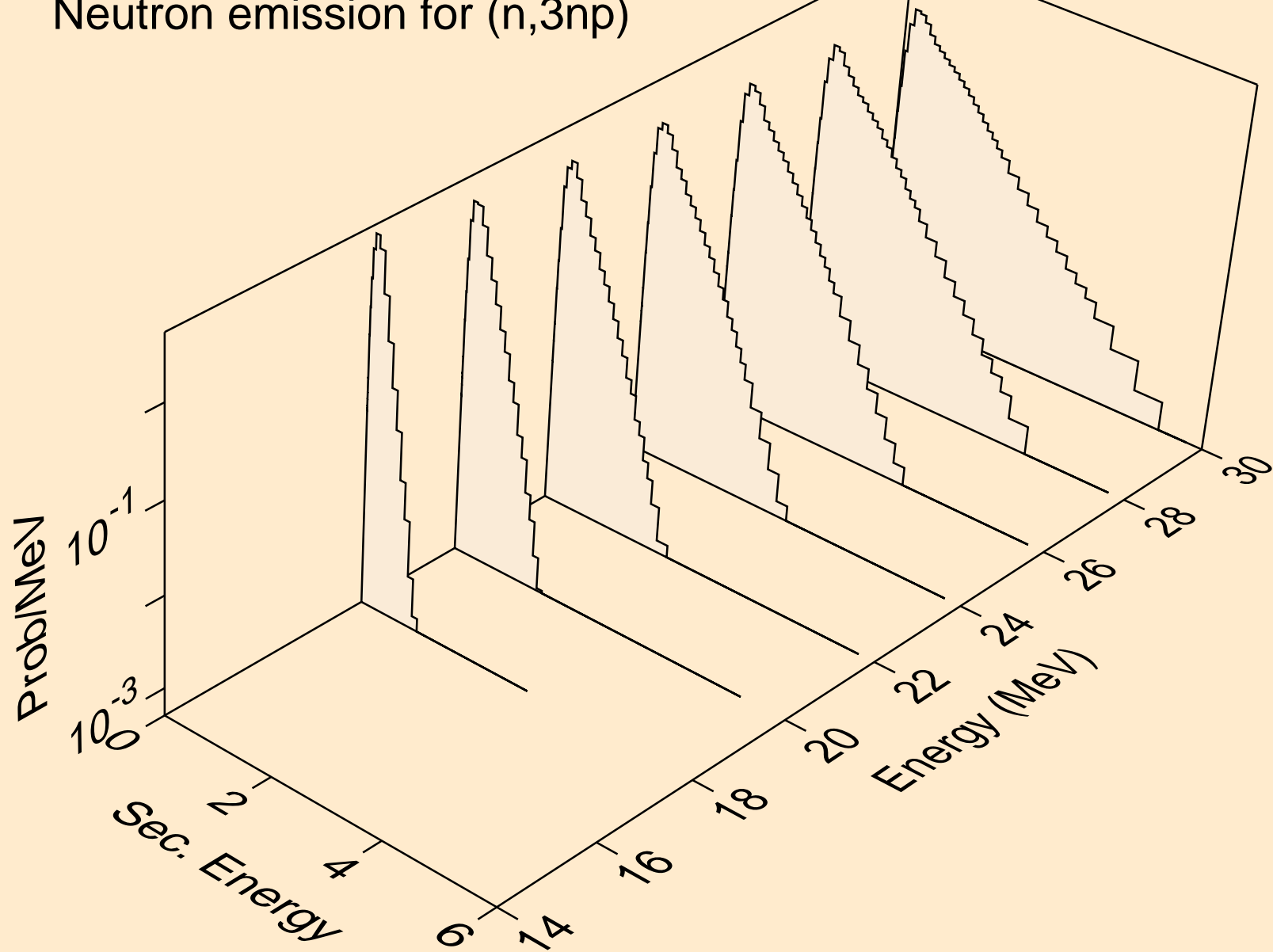
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



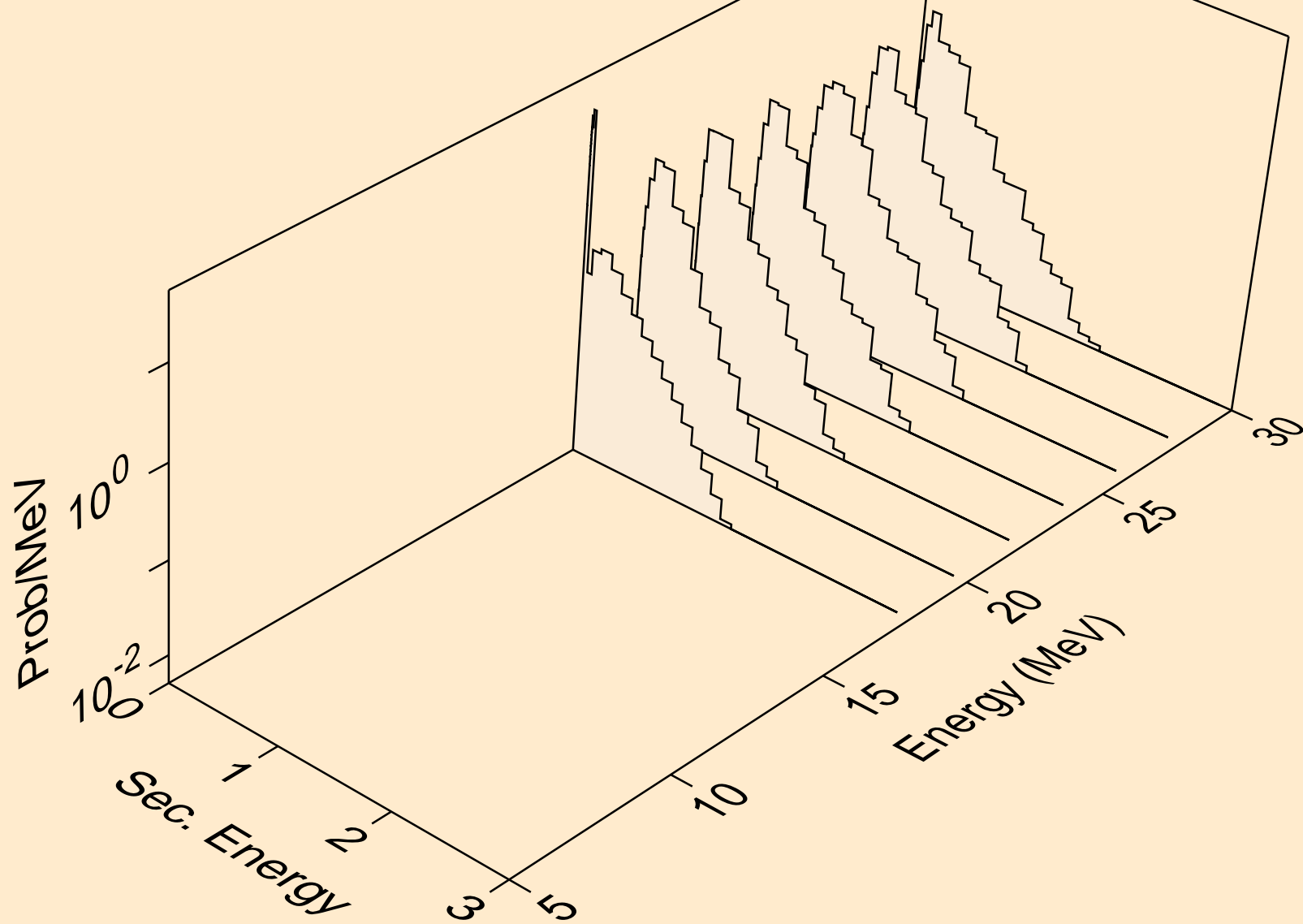
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Neutron emission for (n,2np)



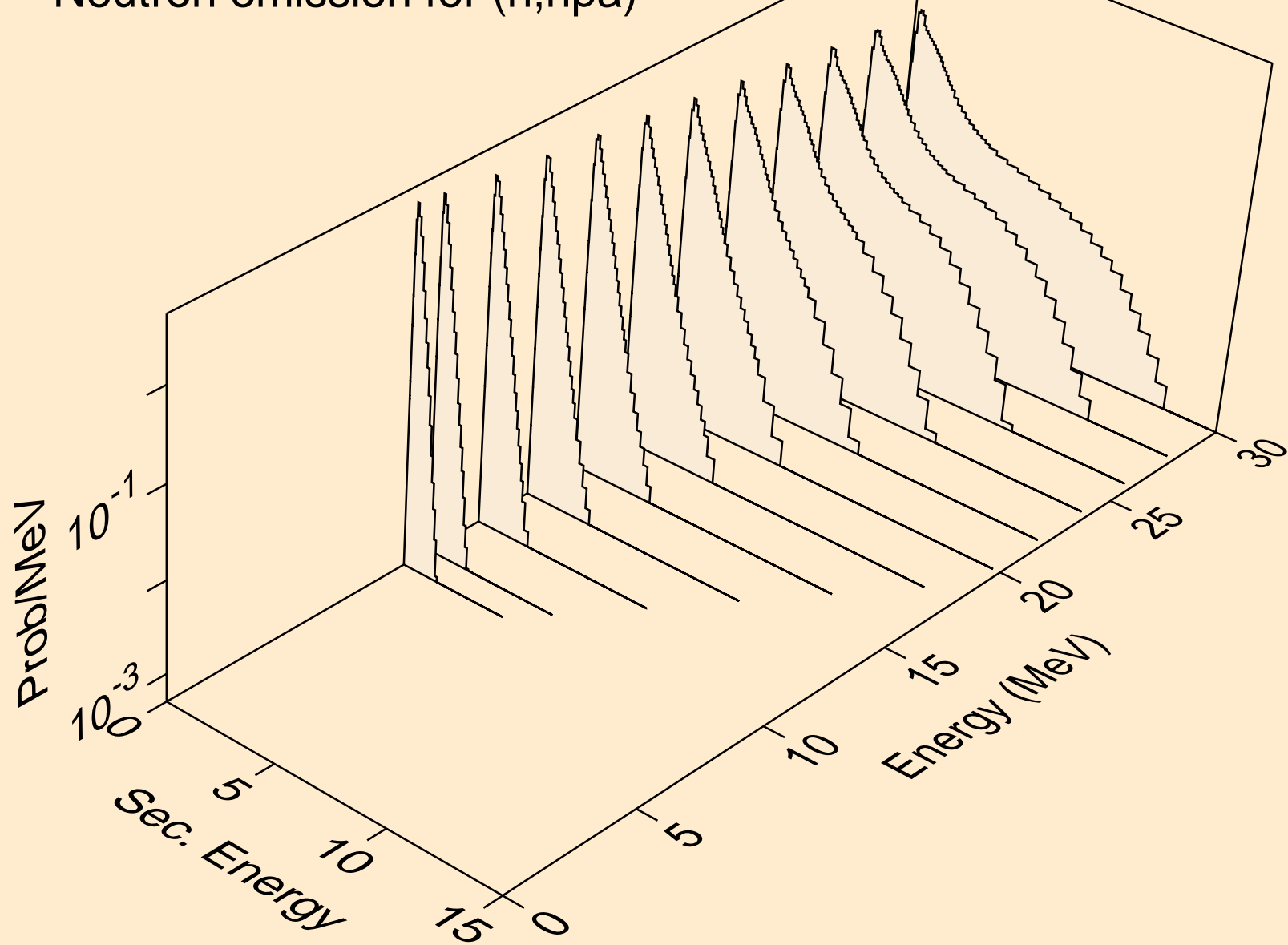
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Neutron emission for (n,3np)



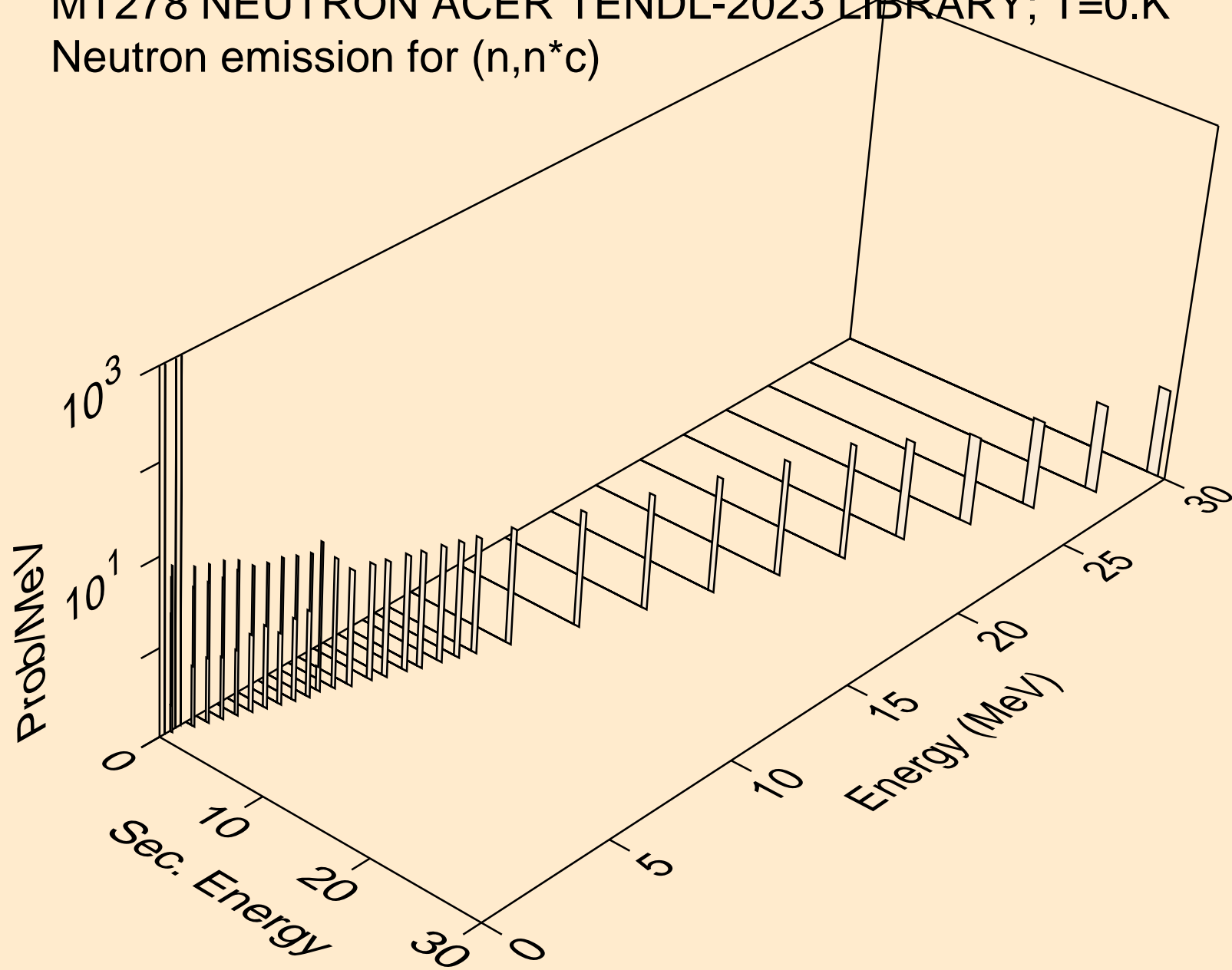
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)

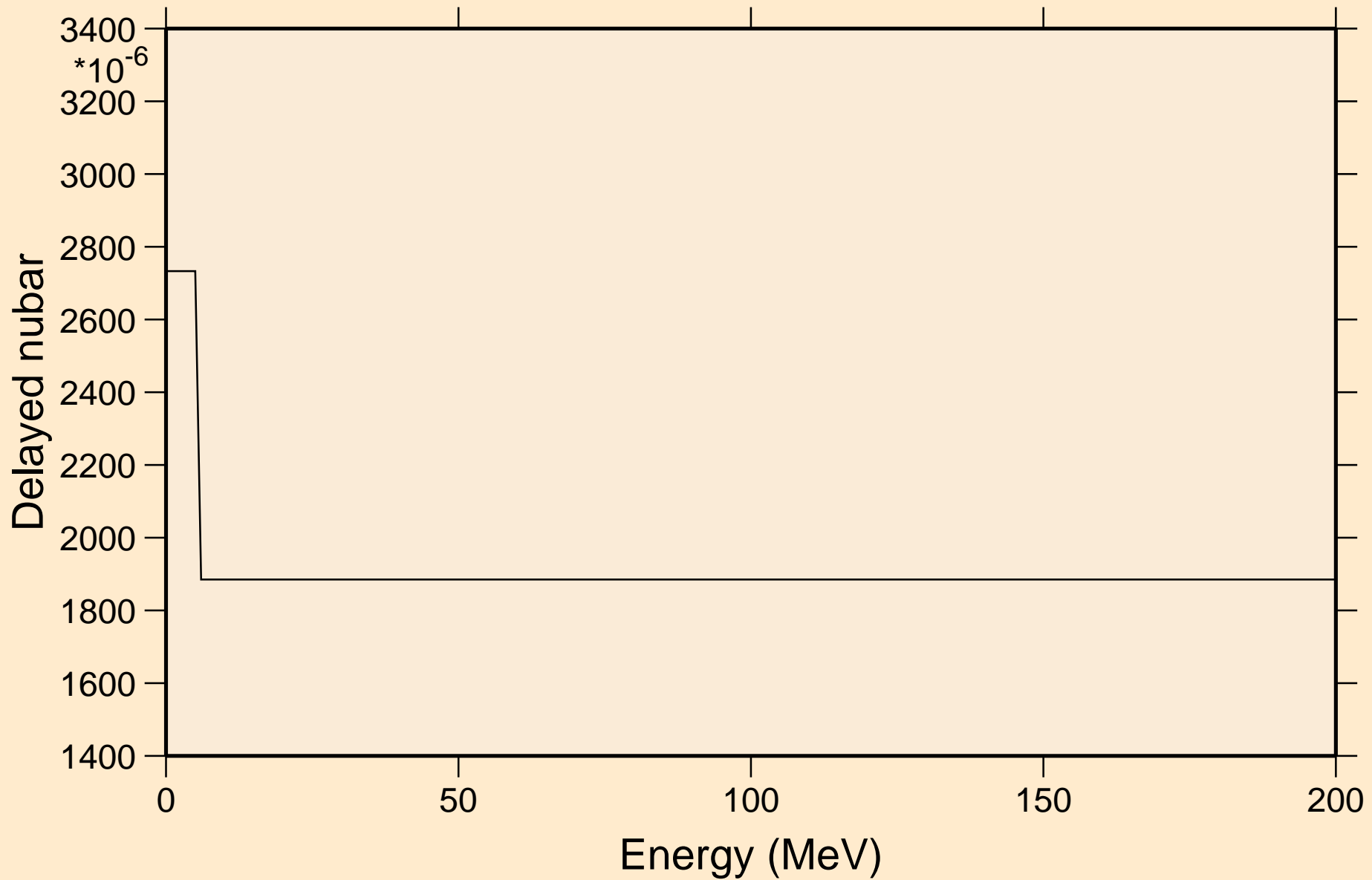


MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



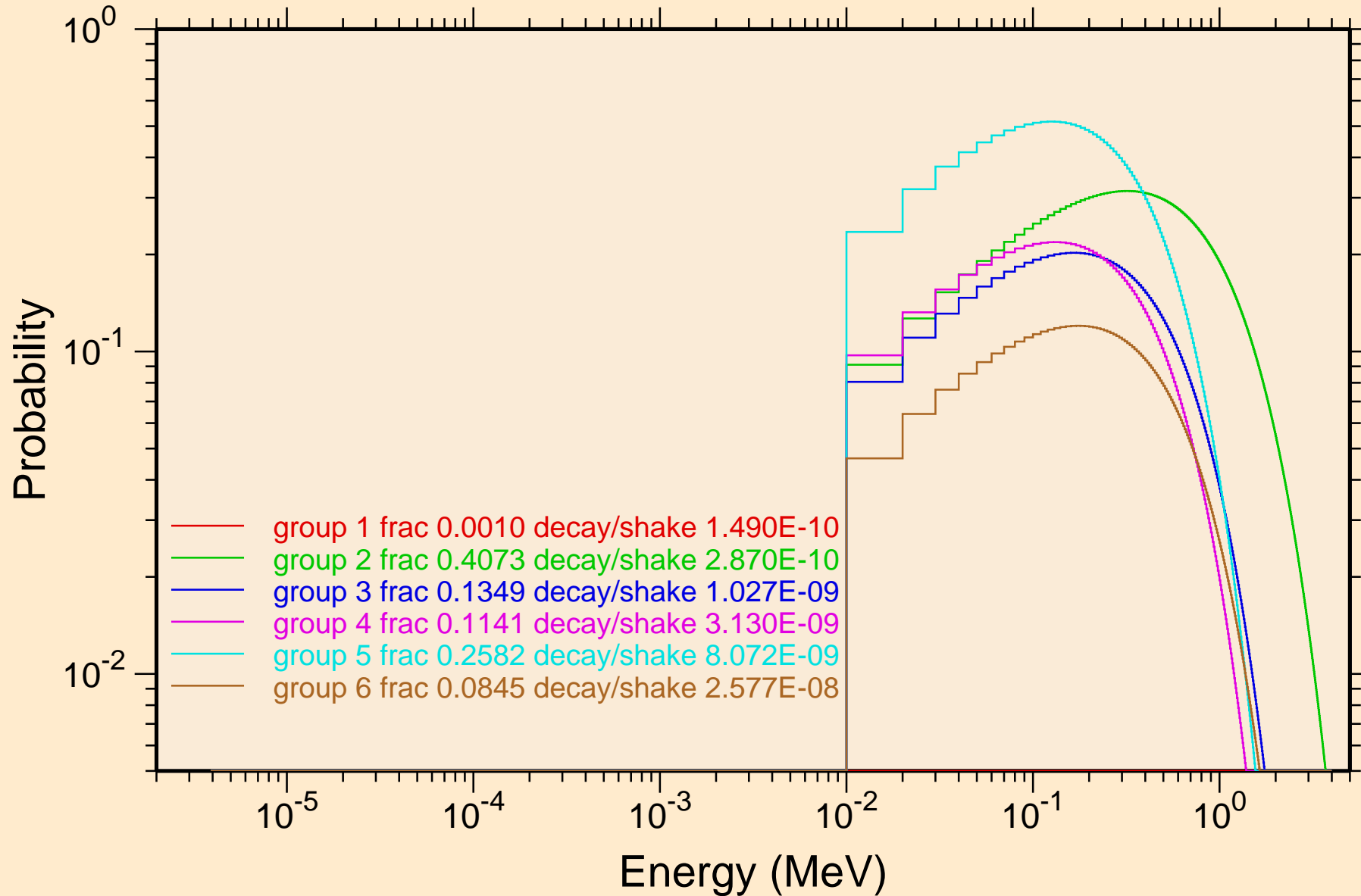
# MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Delayed nubar



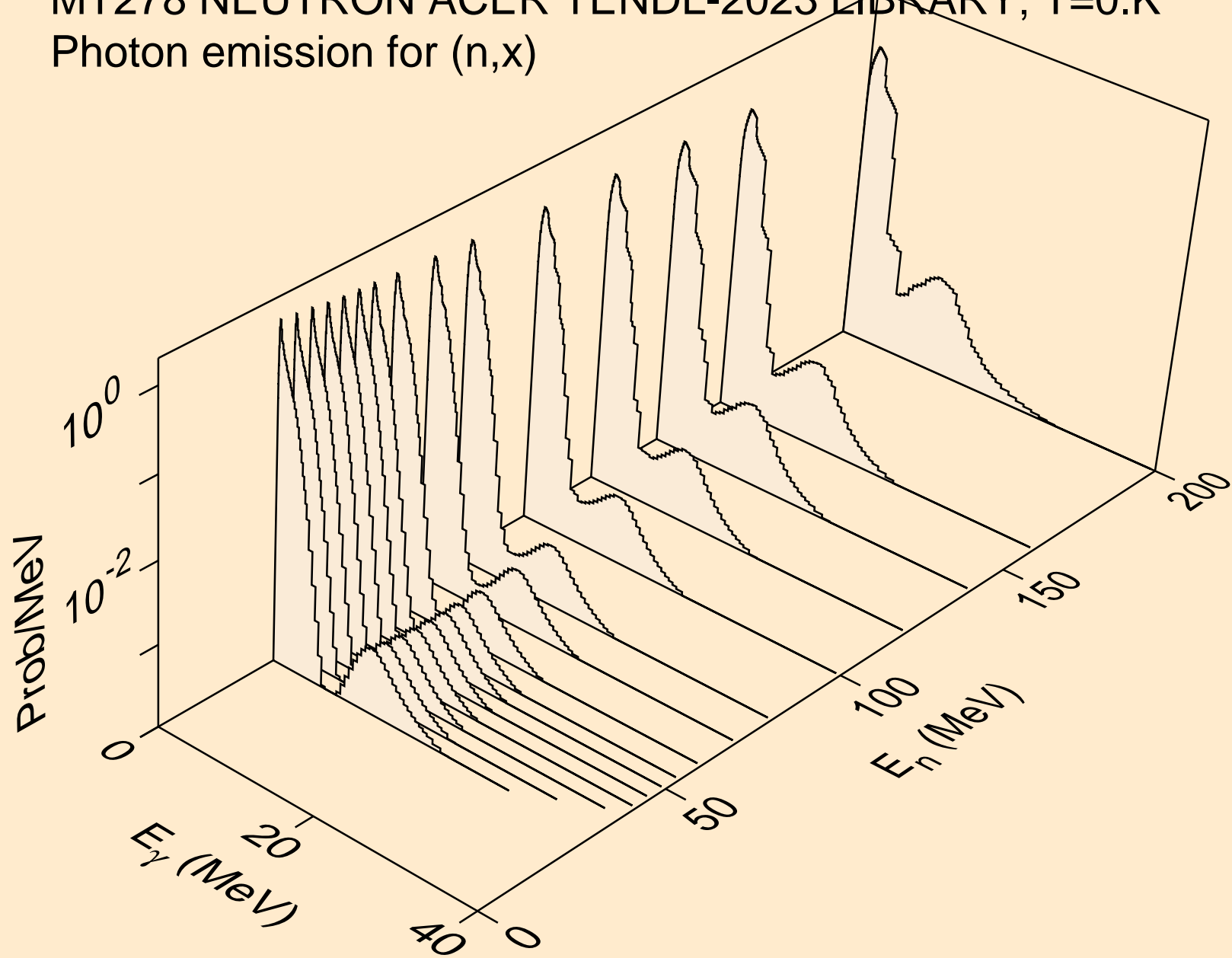
# MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Delayed neutron spectra

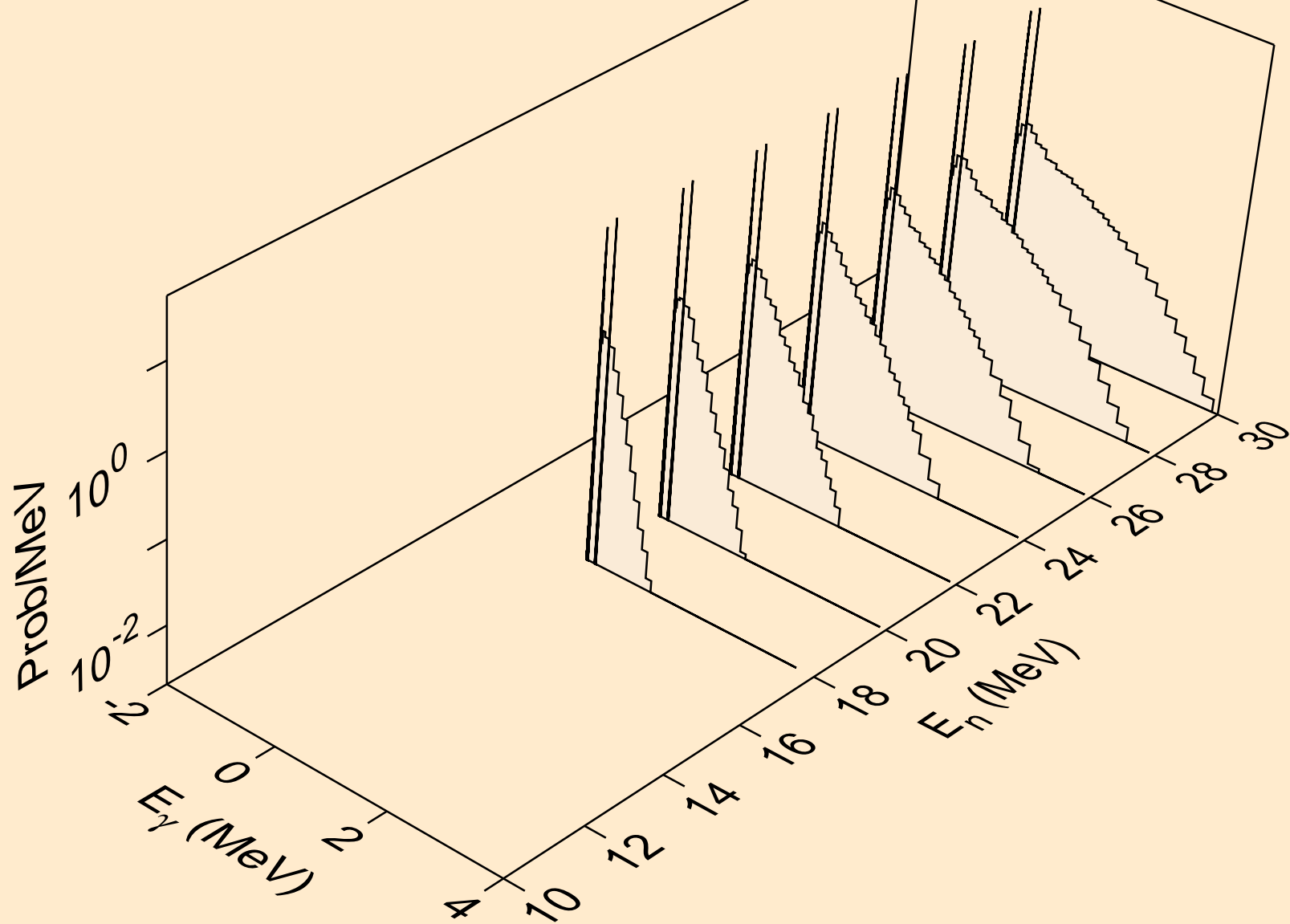




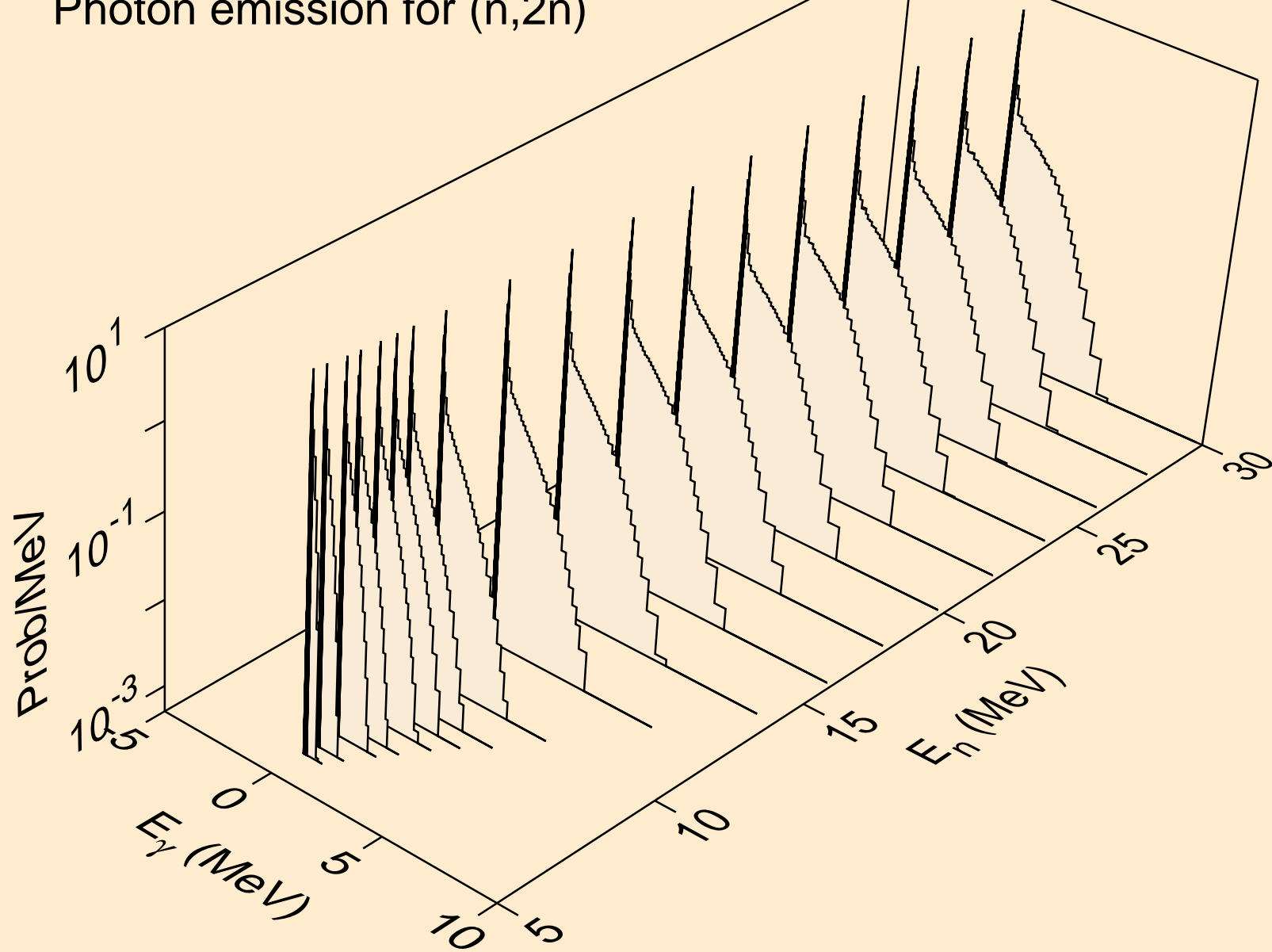
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



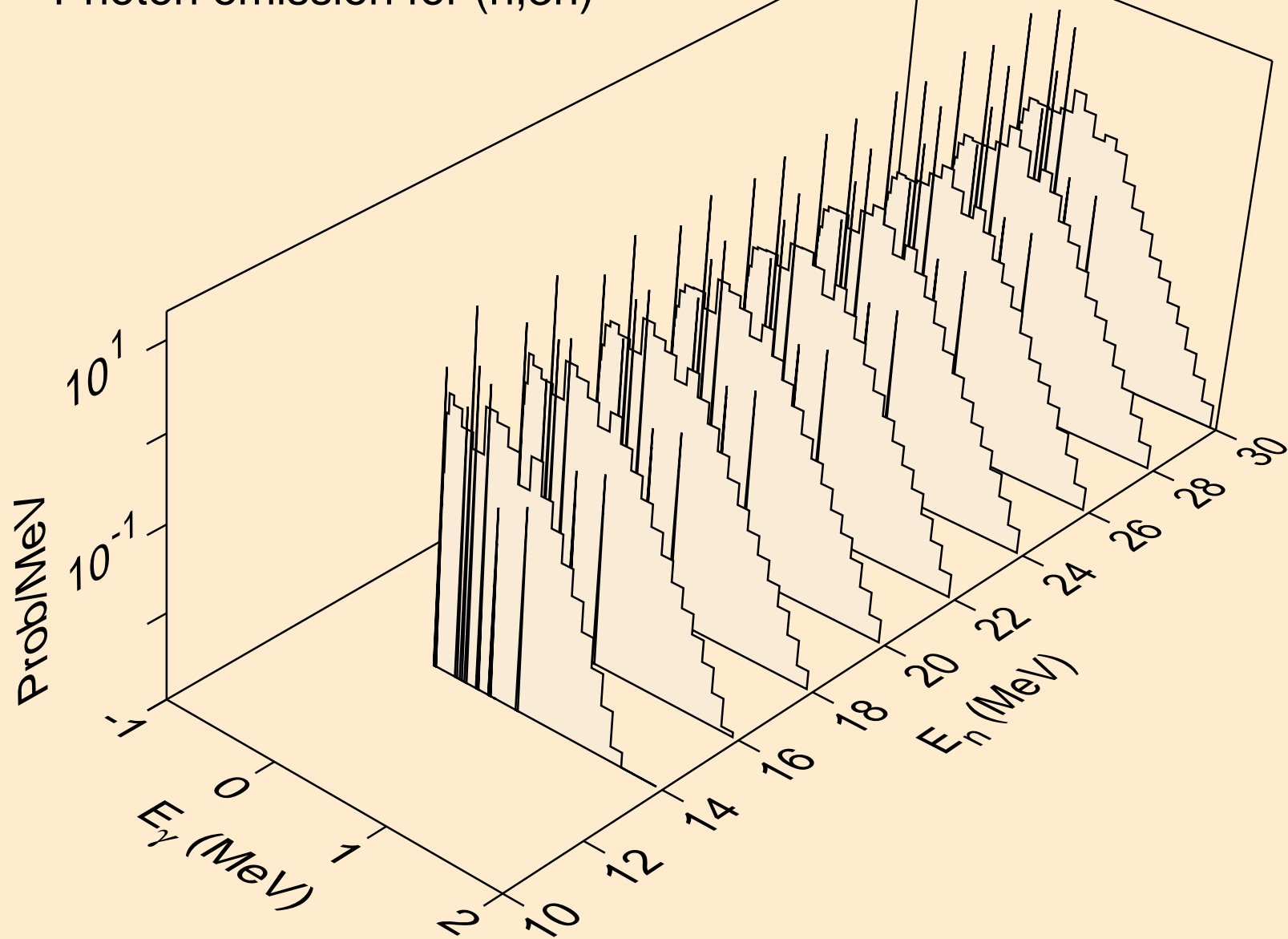
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



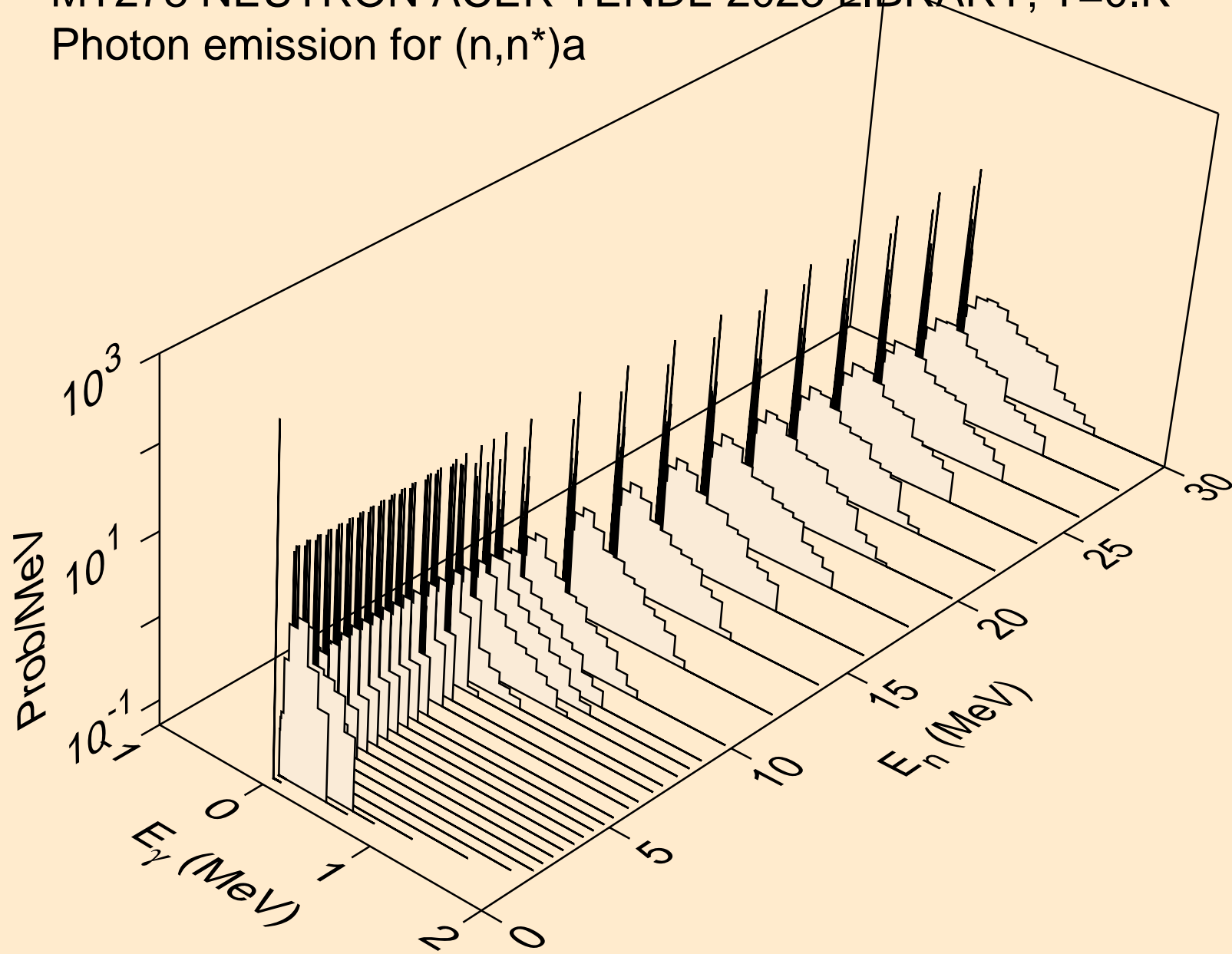
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



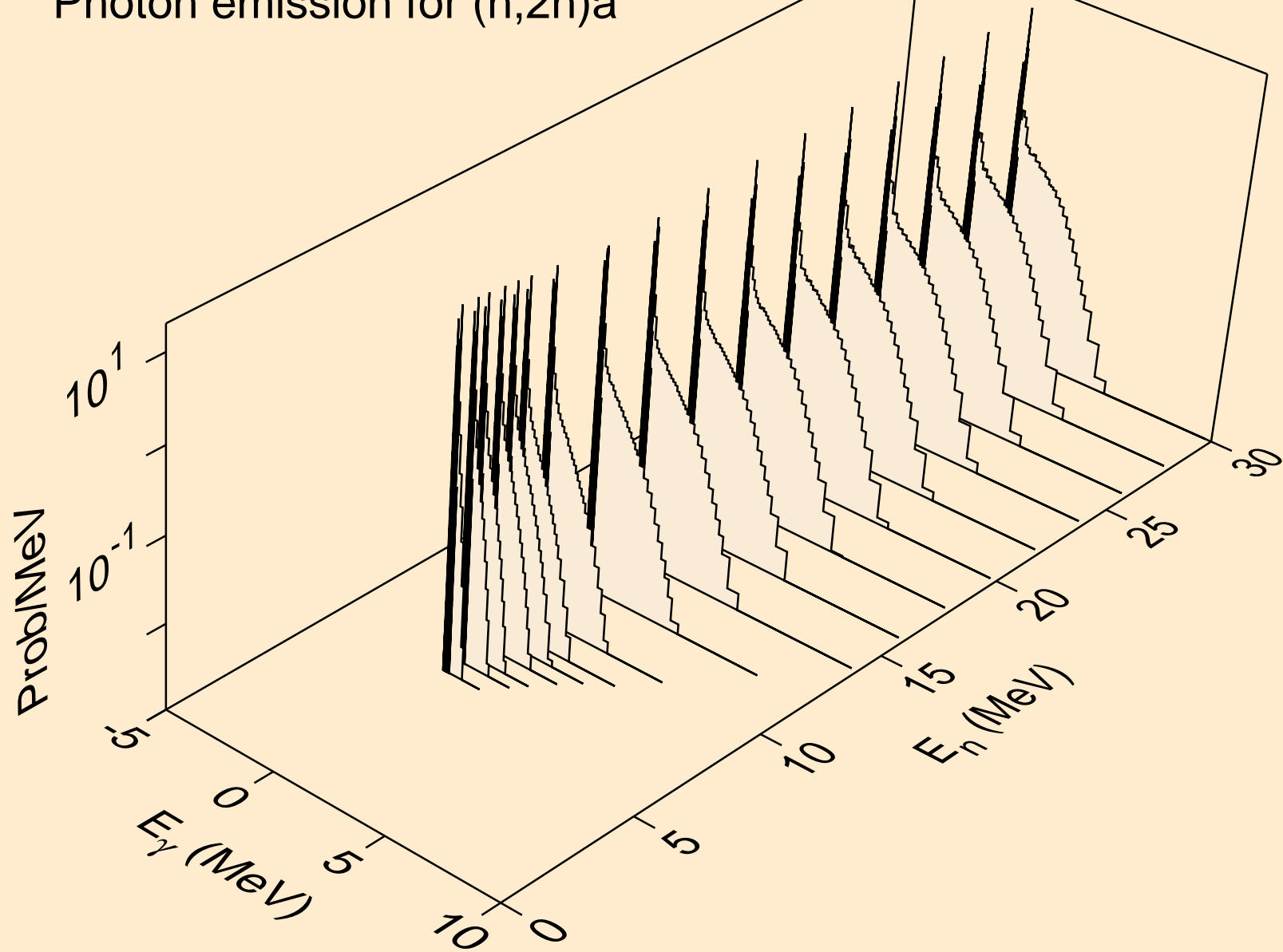
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Photon emission for (n,3n)



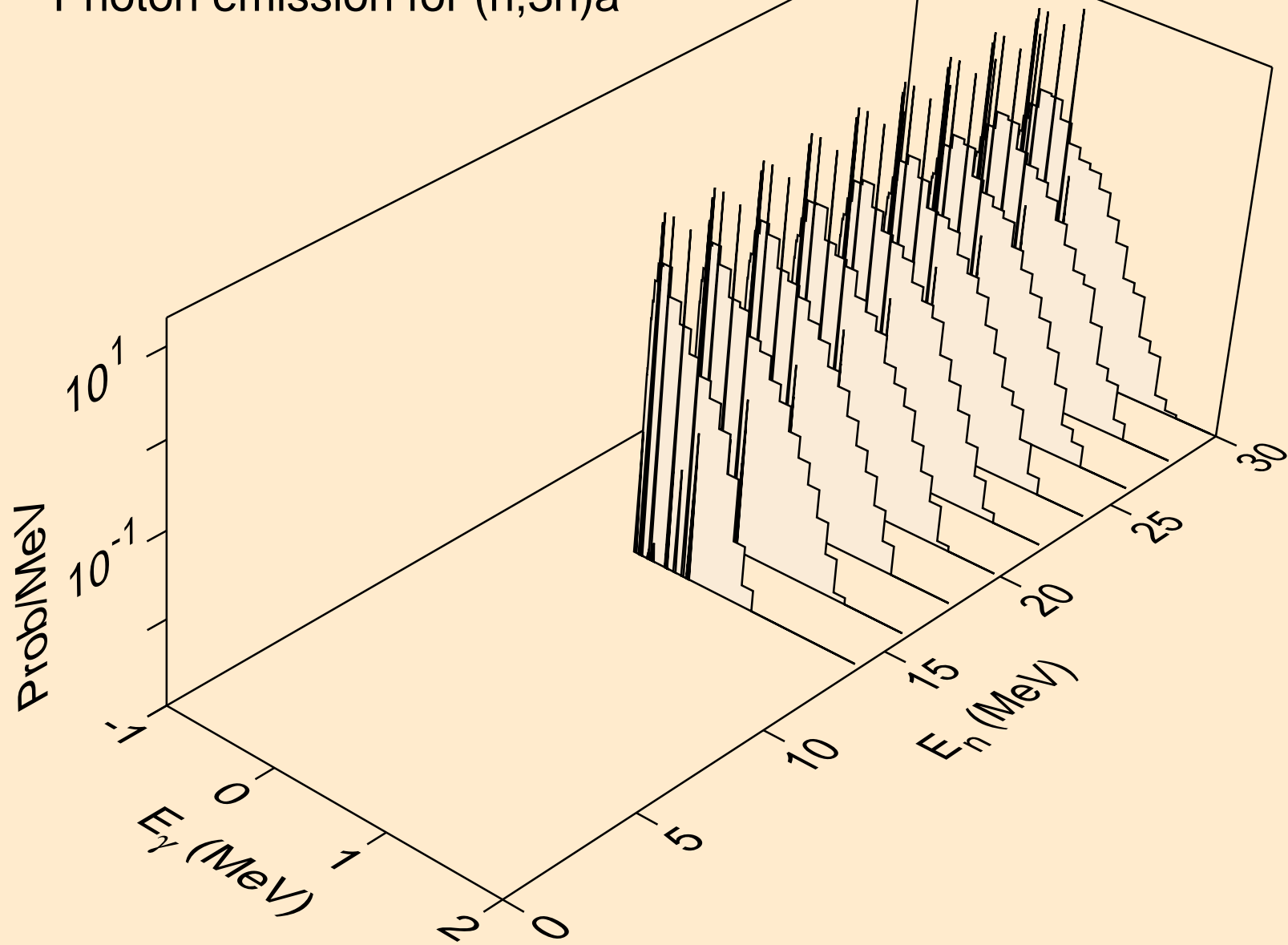
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



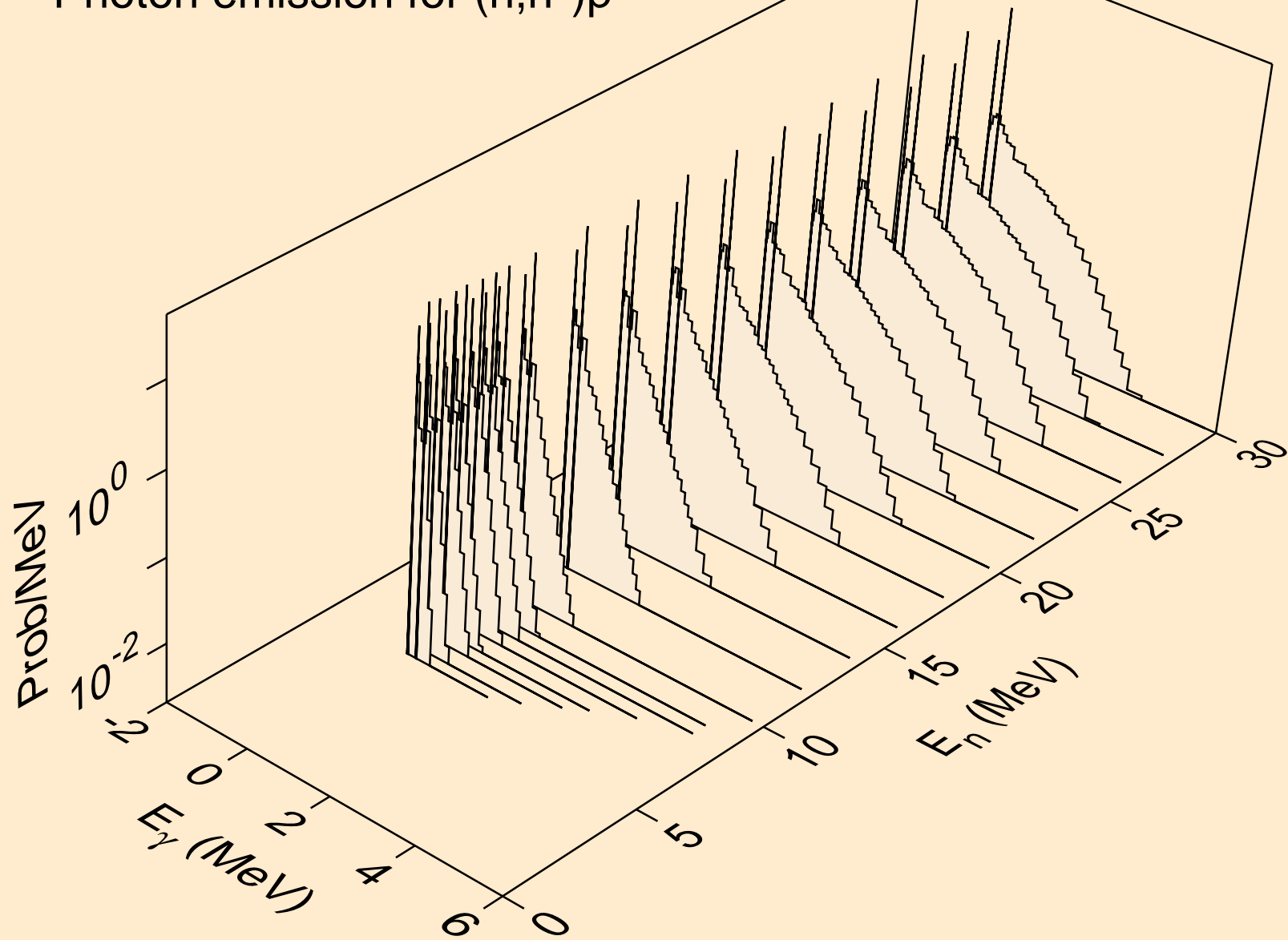
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

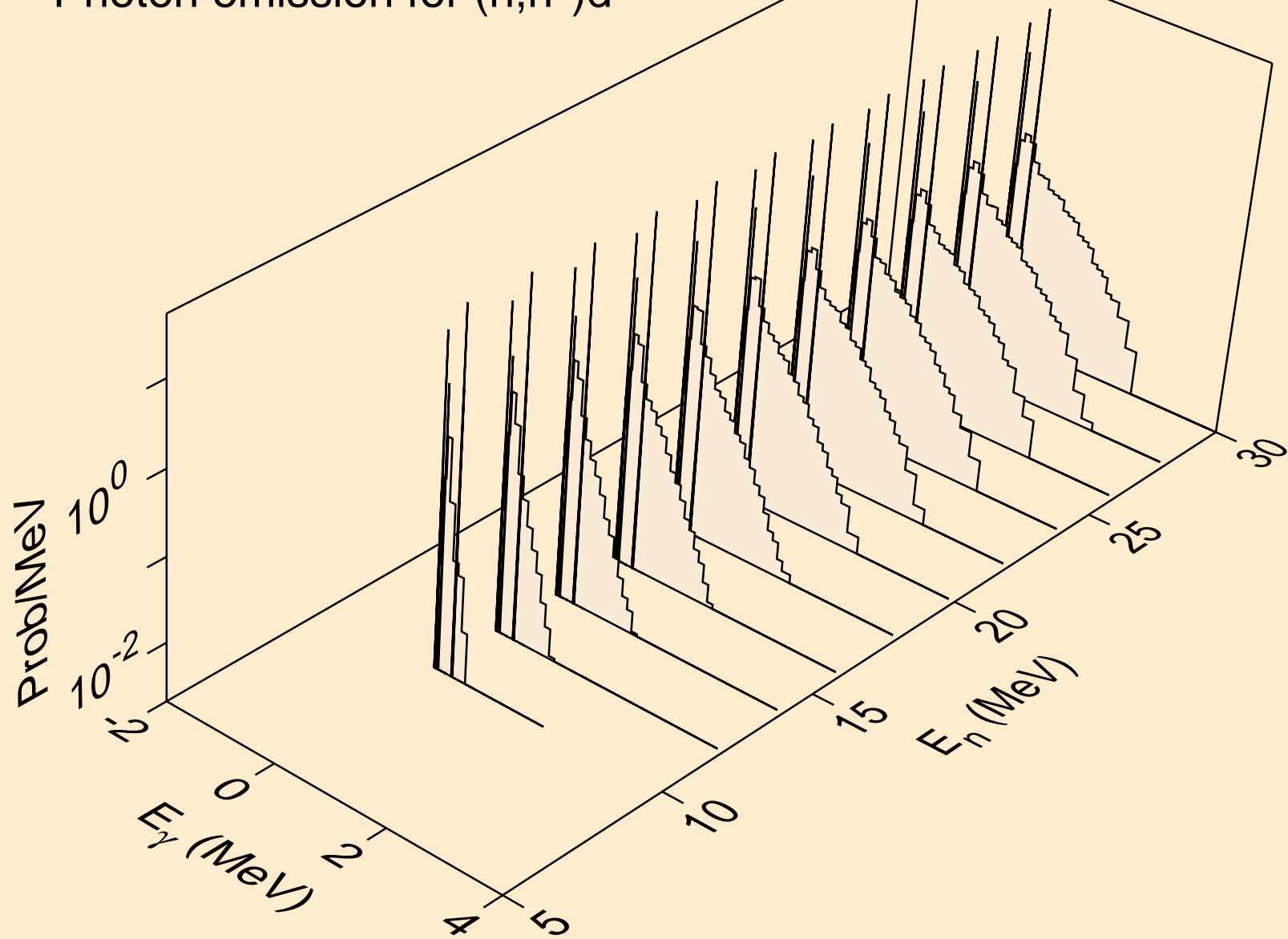


MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

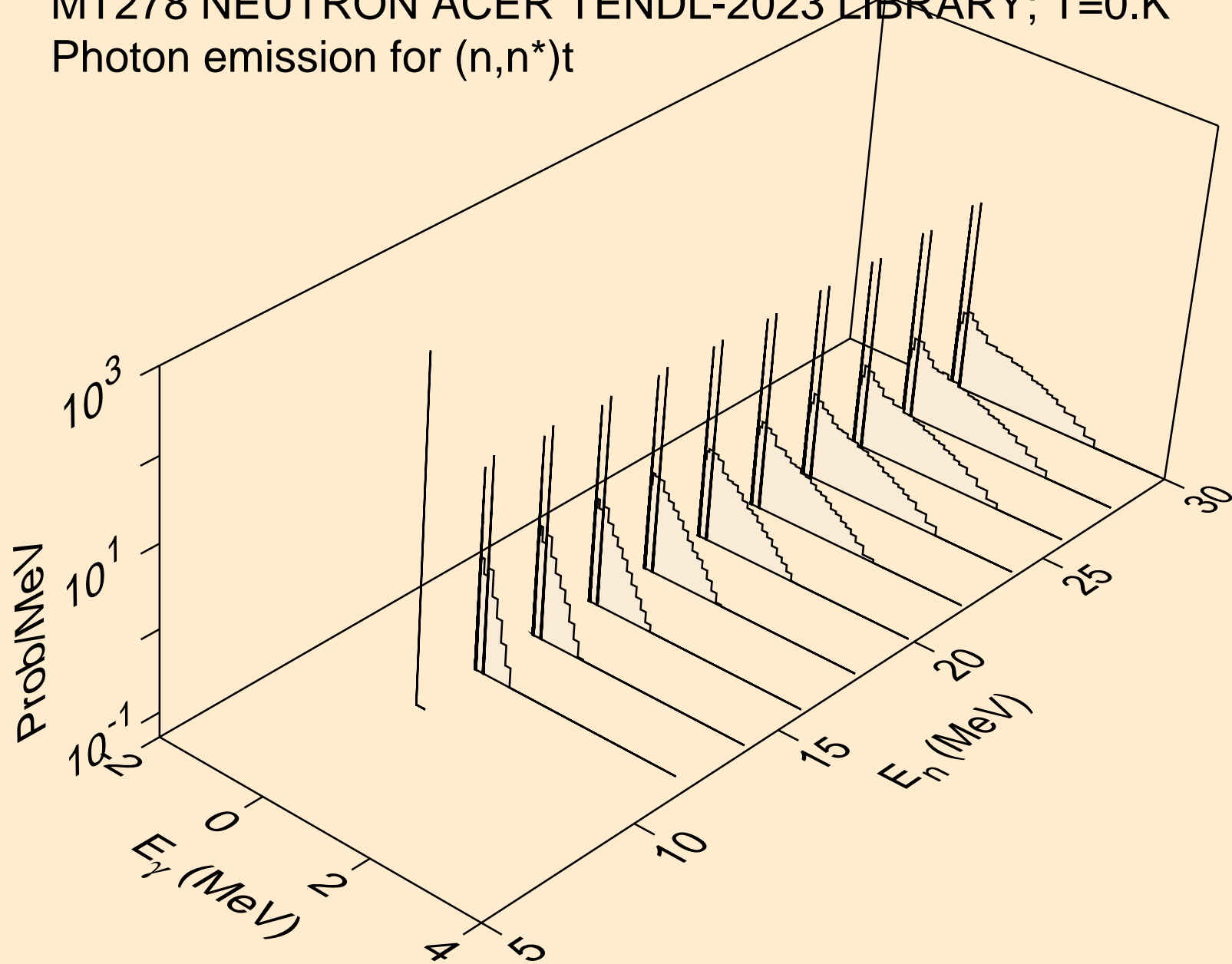




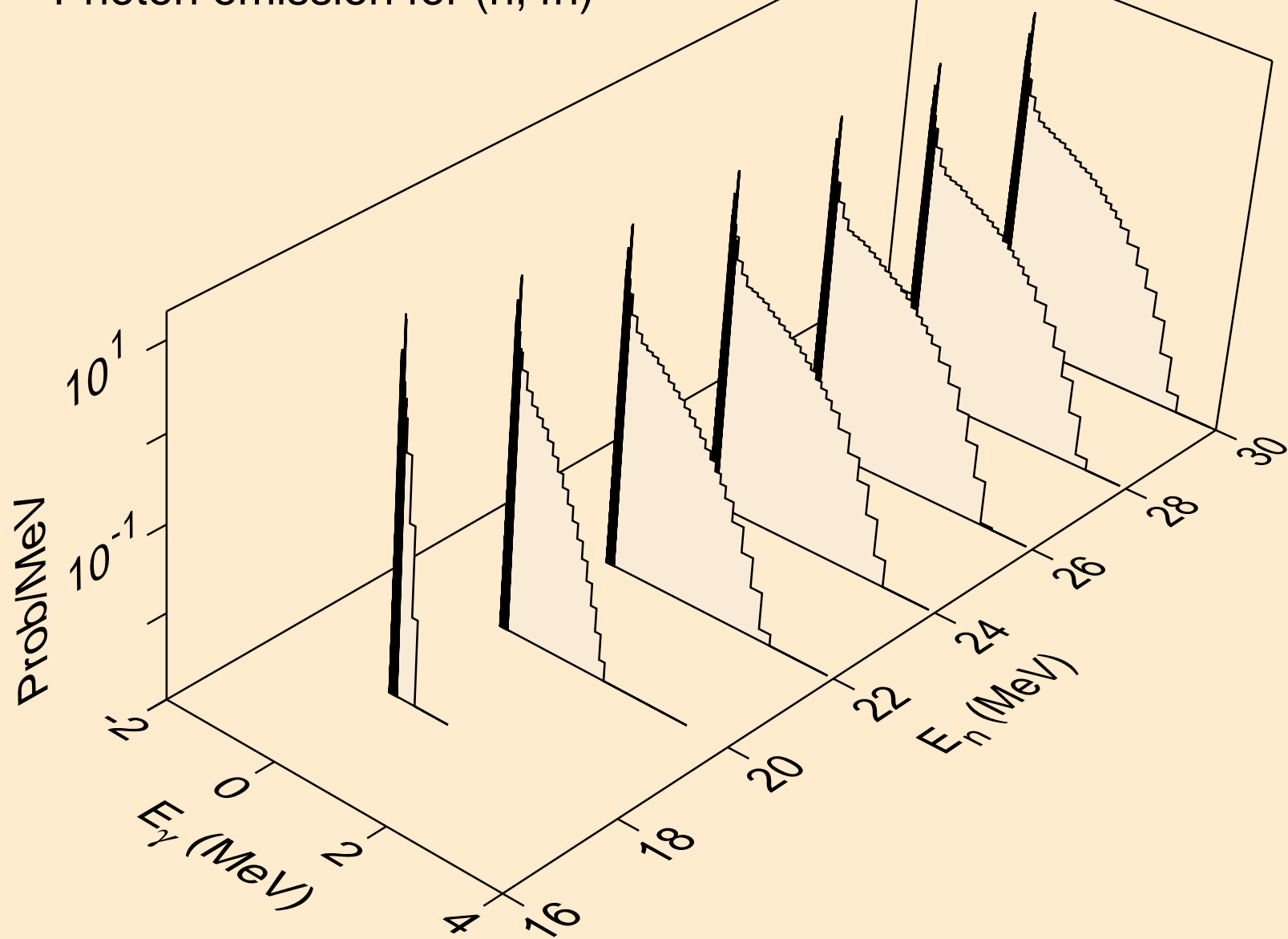
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Photon emission for (n,n\*)d



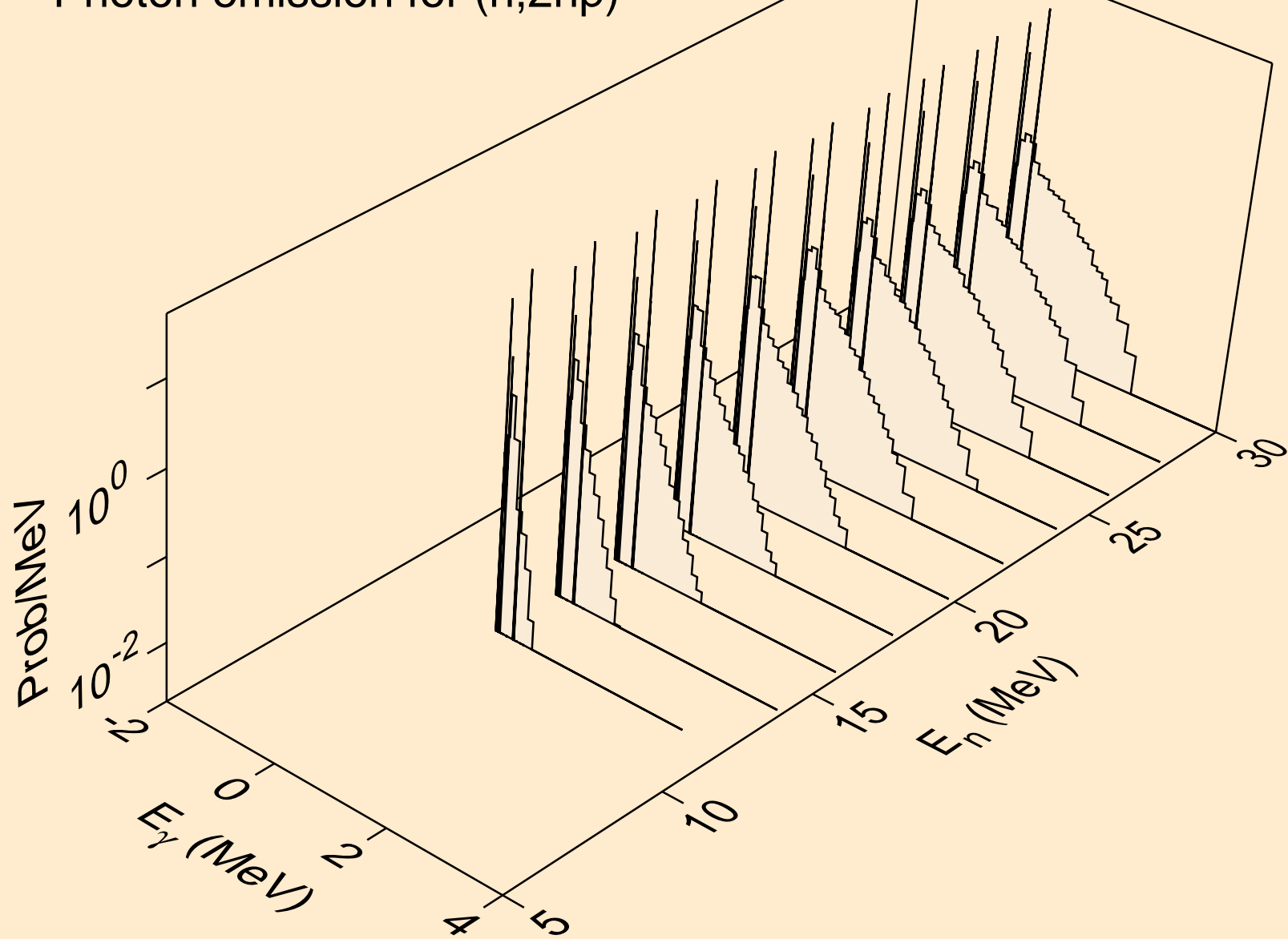
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Photon emission for (n,n\*)t



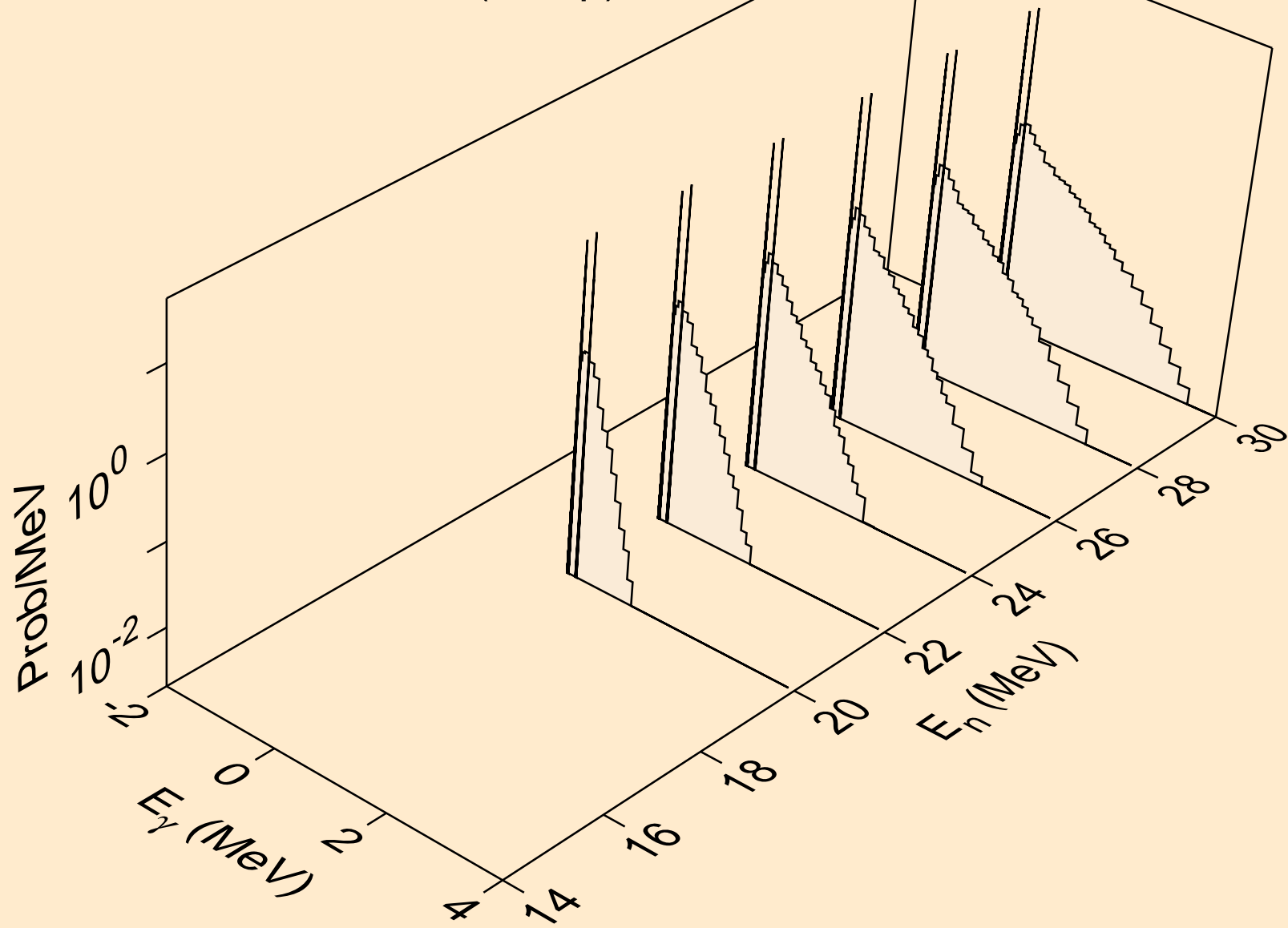
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



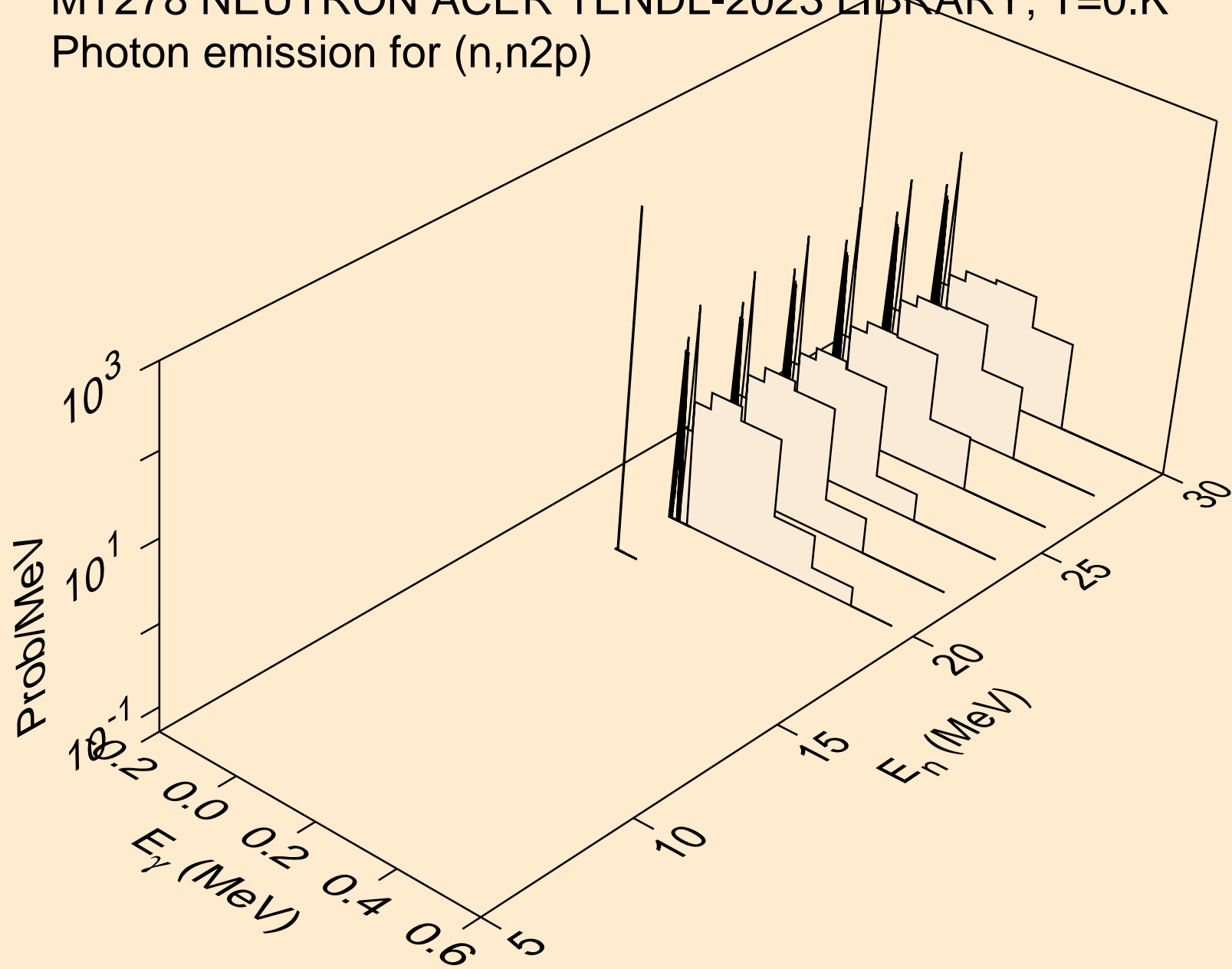
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Photon emission for (n,2np)



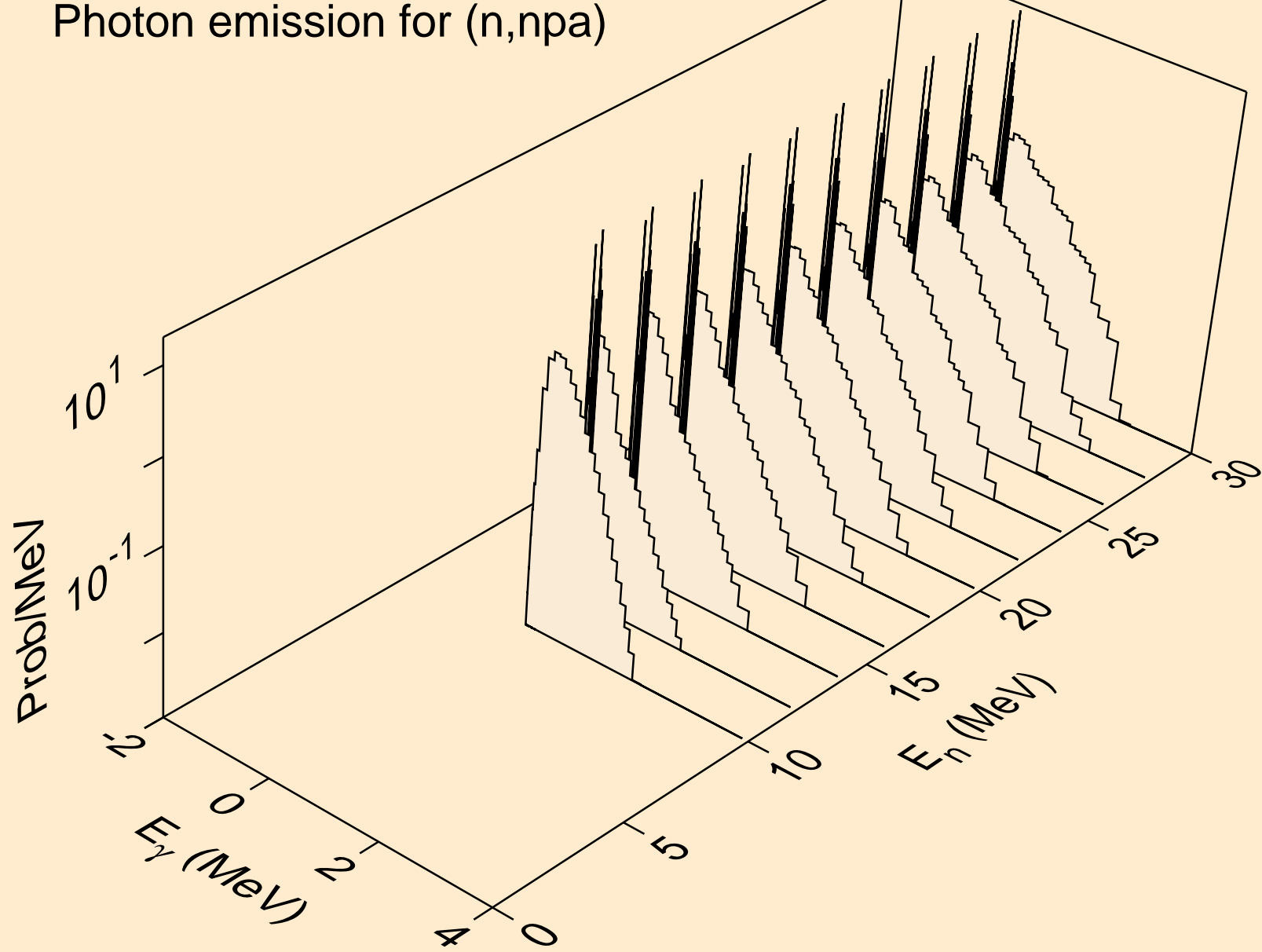
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



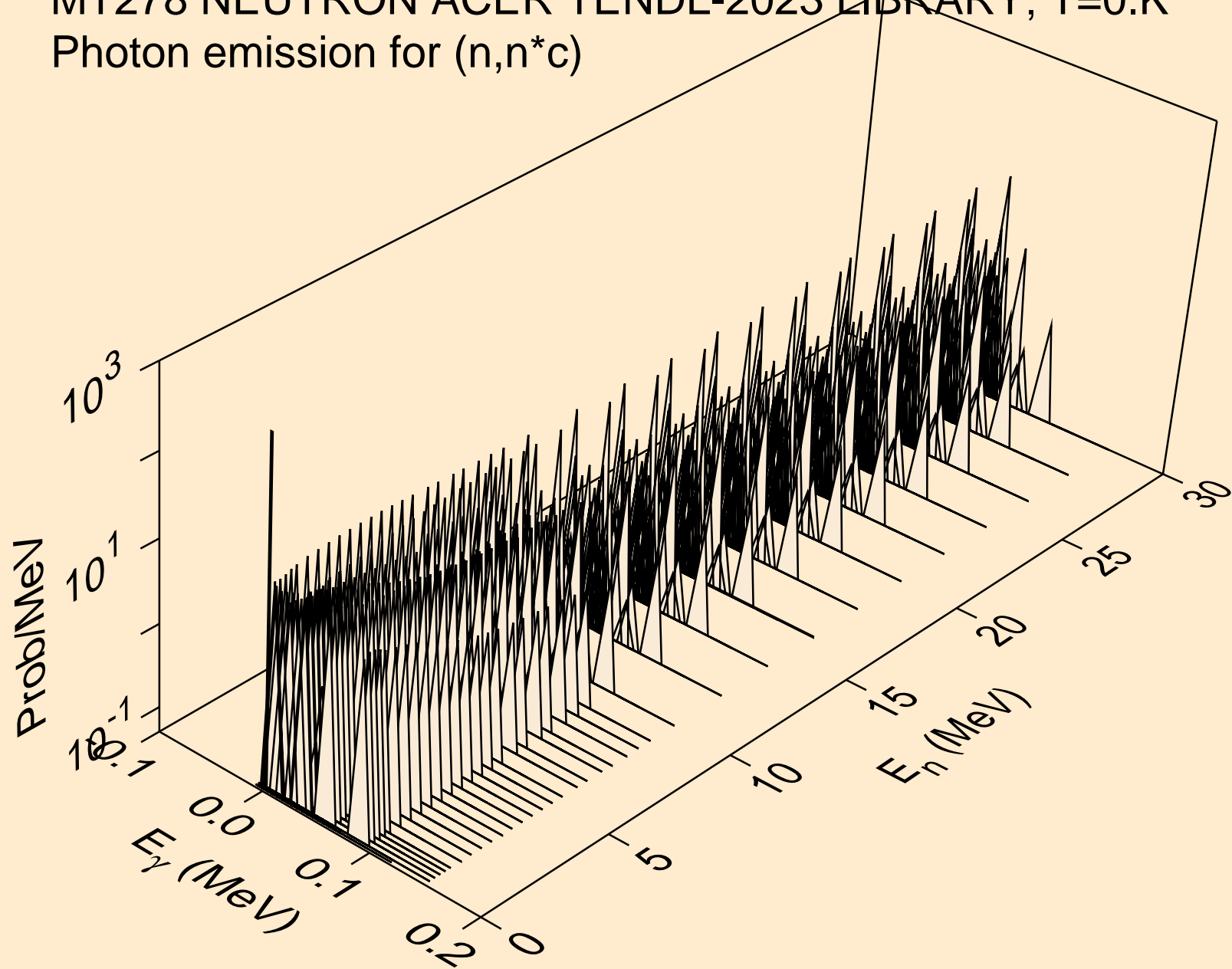
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

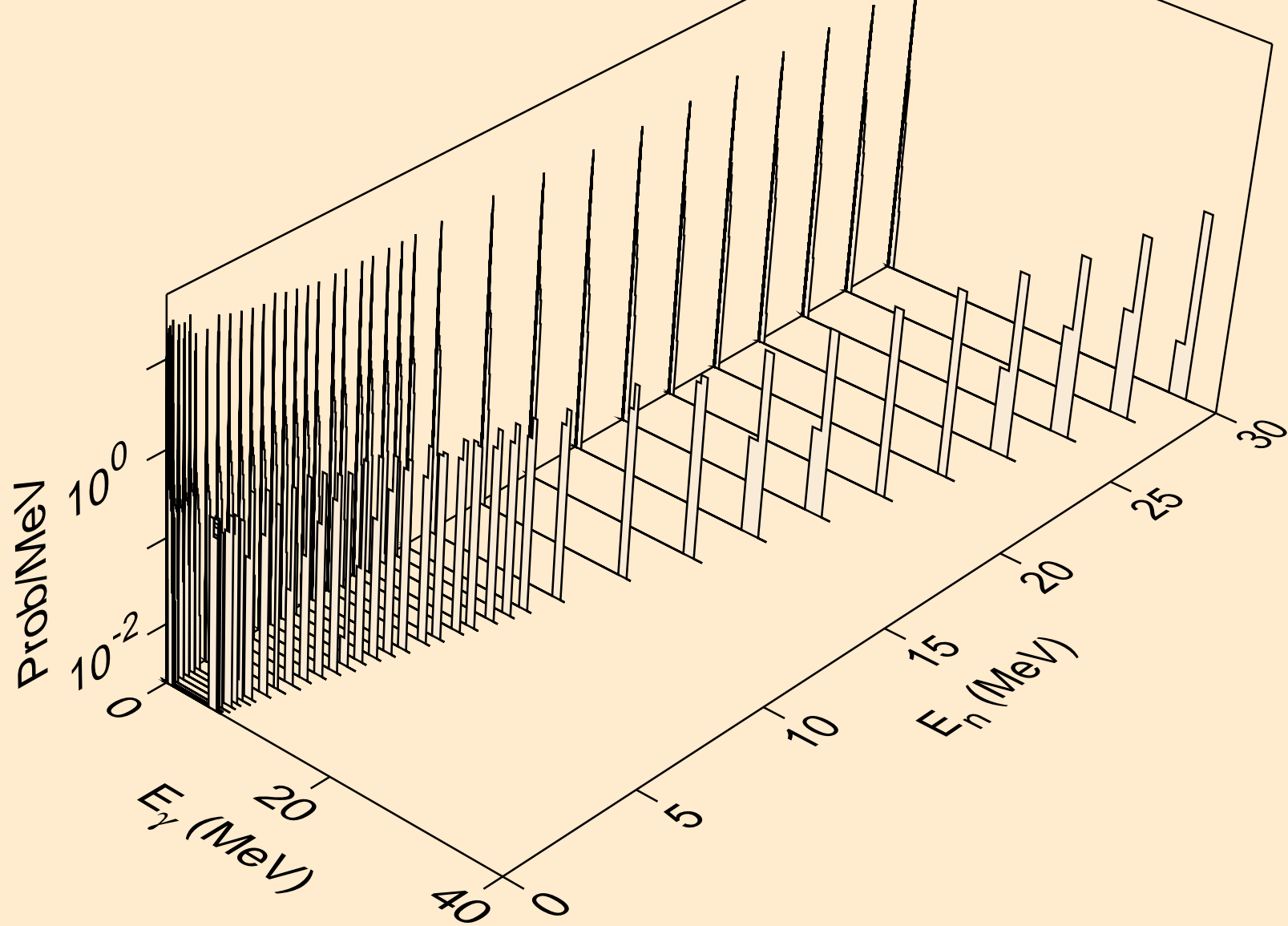


MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

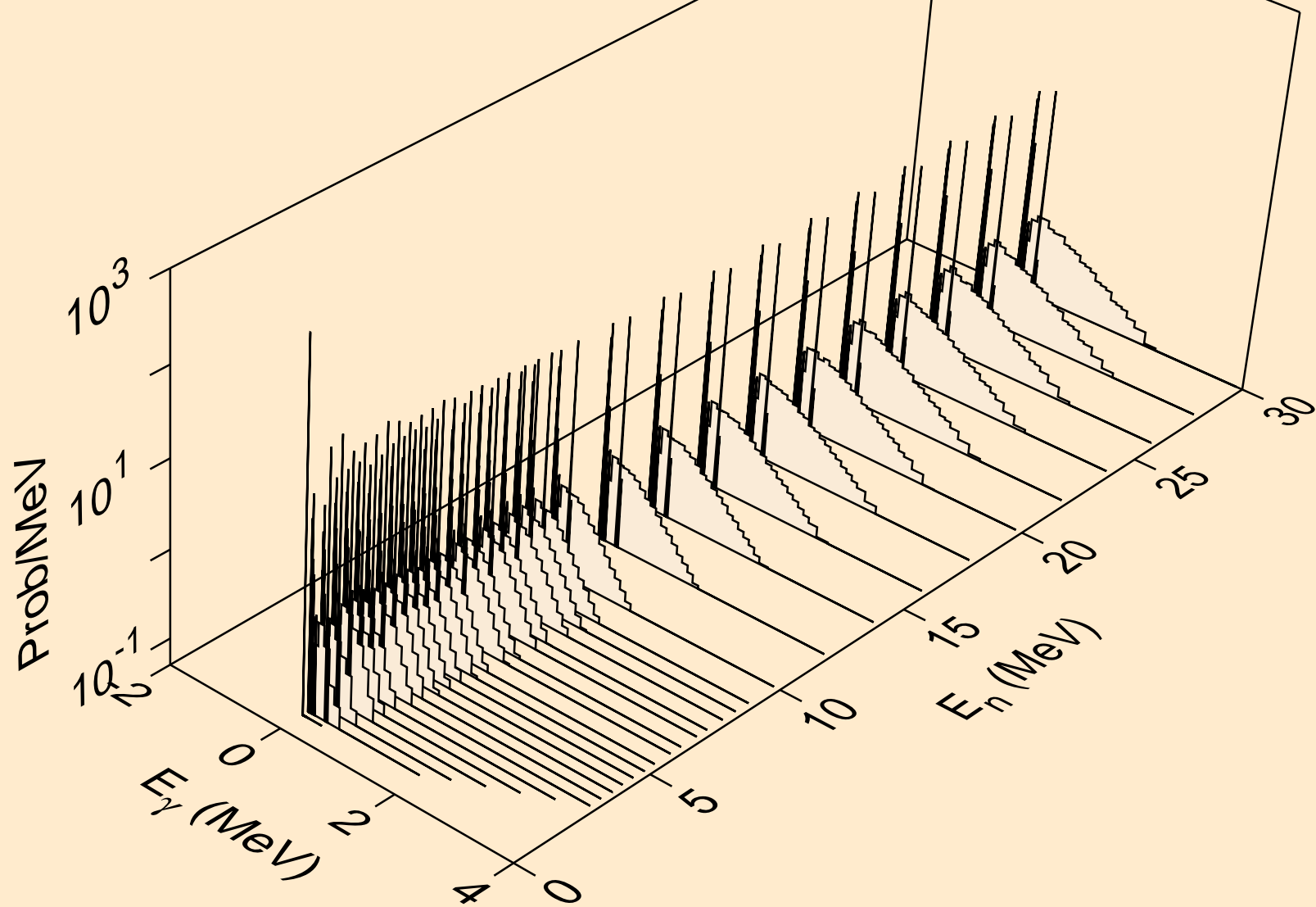




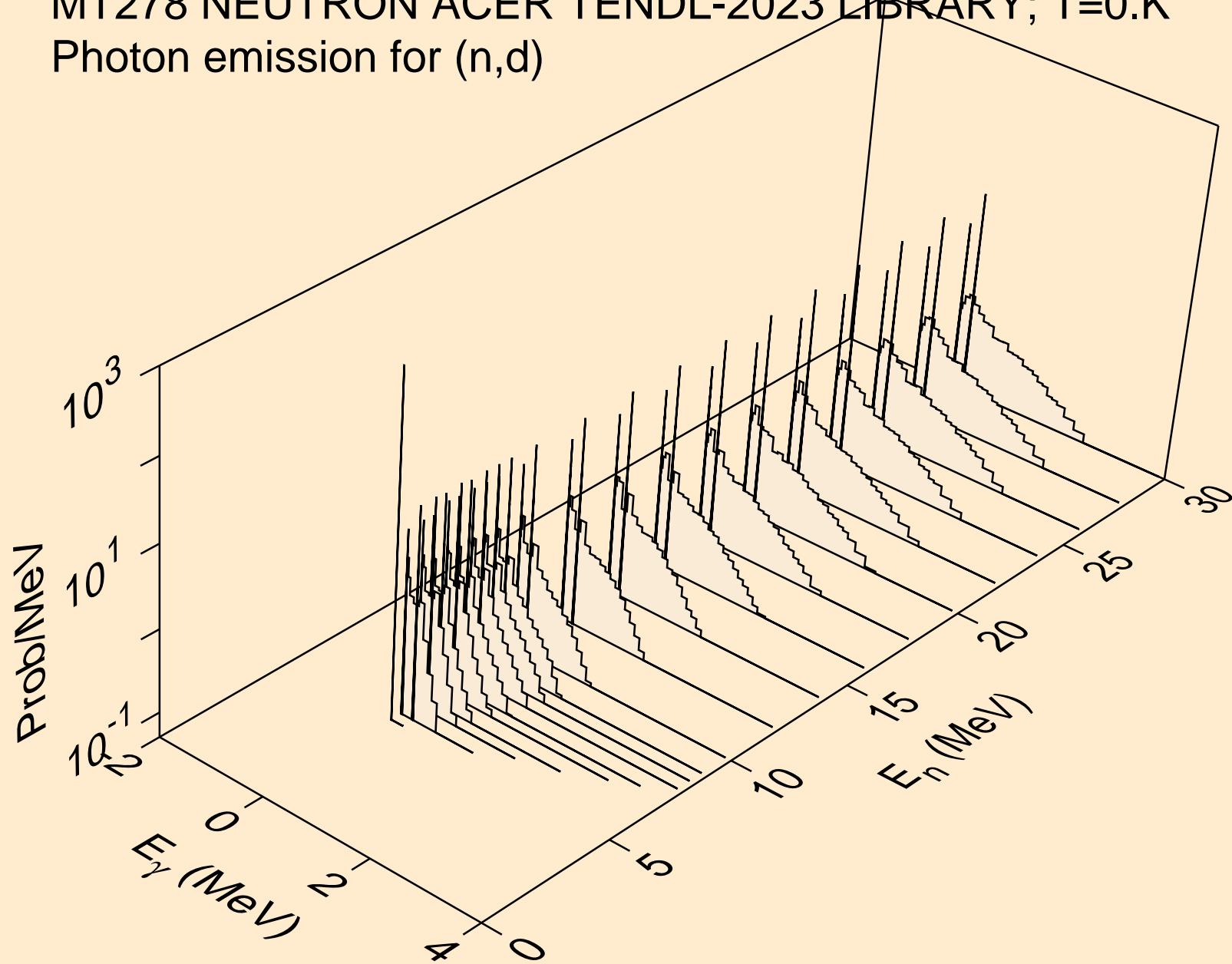
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



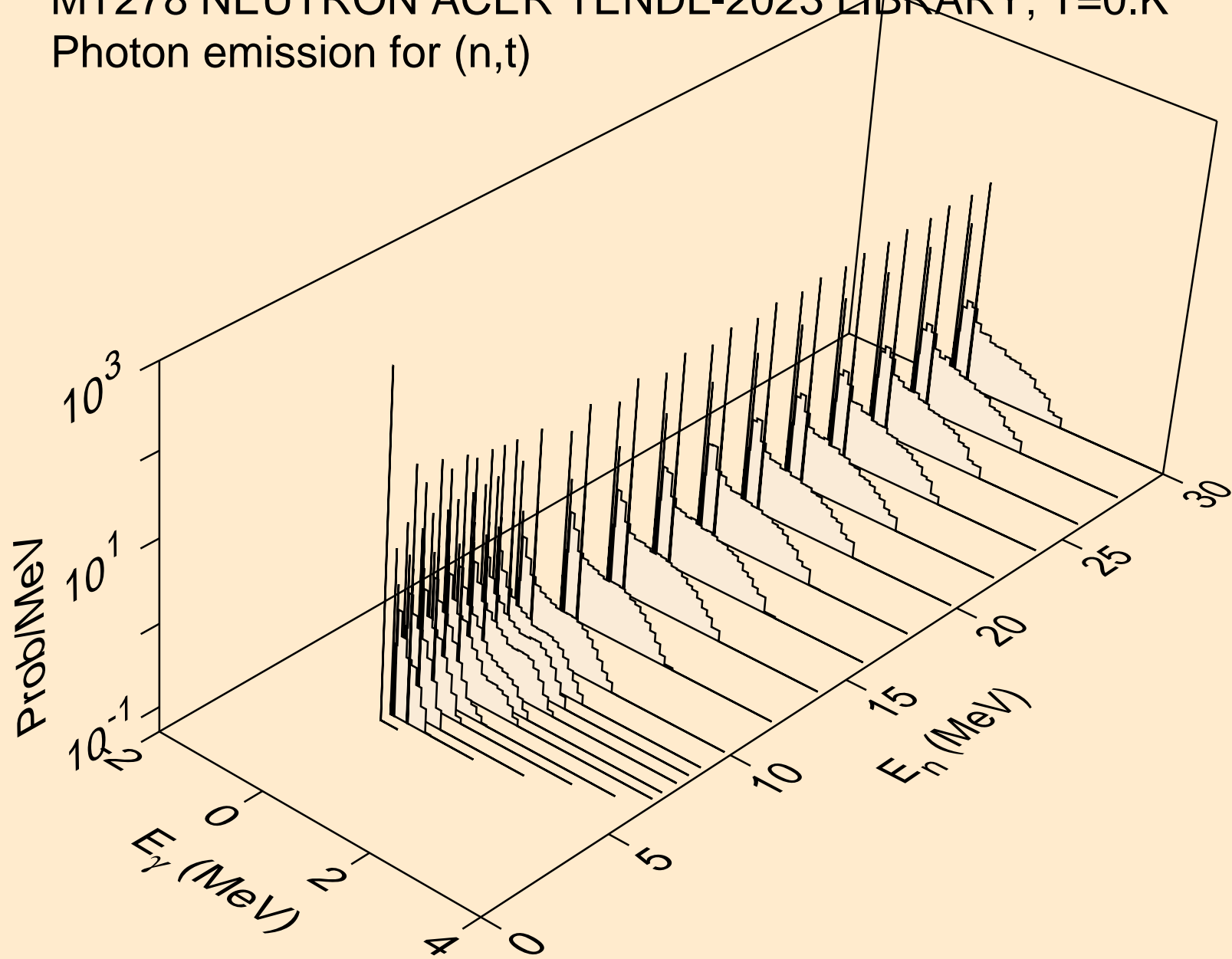
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



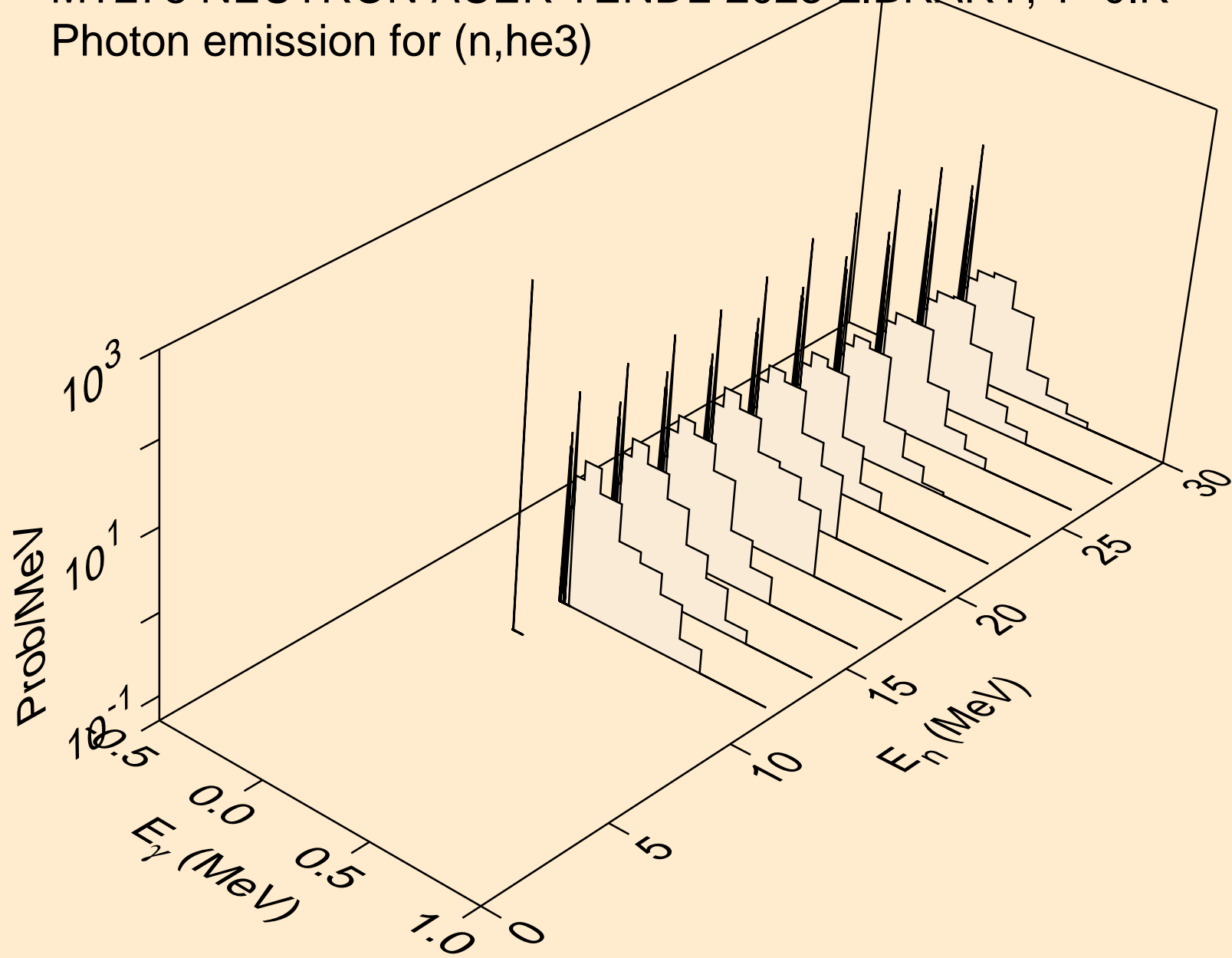
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



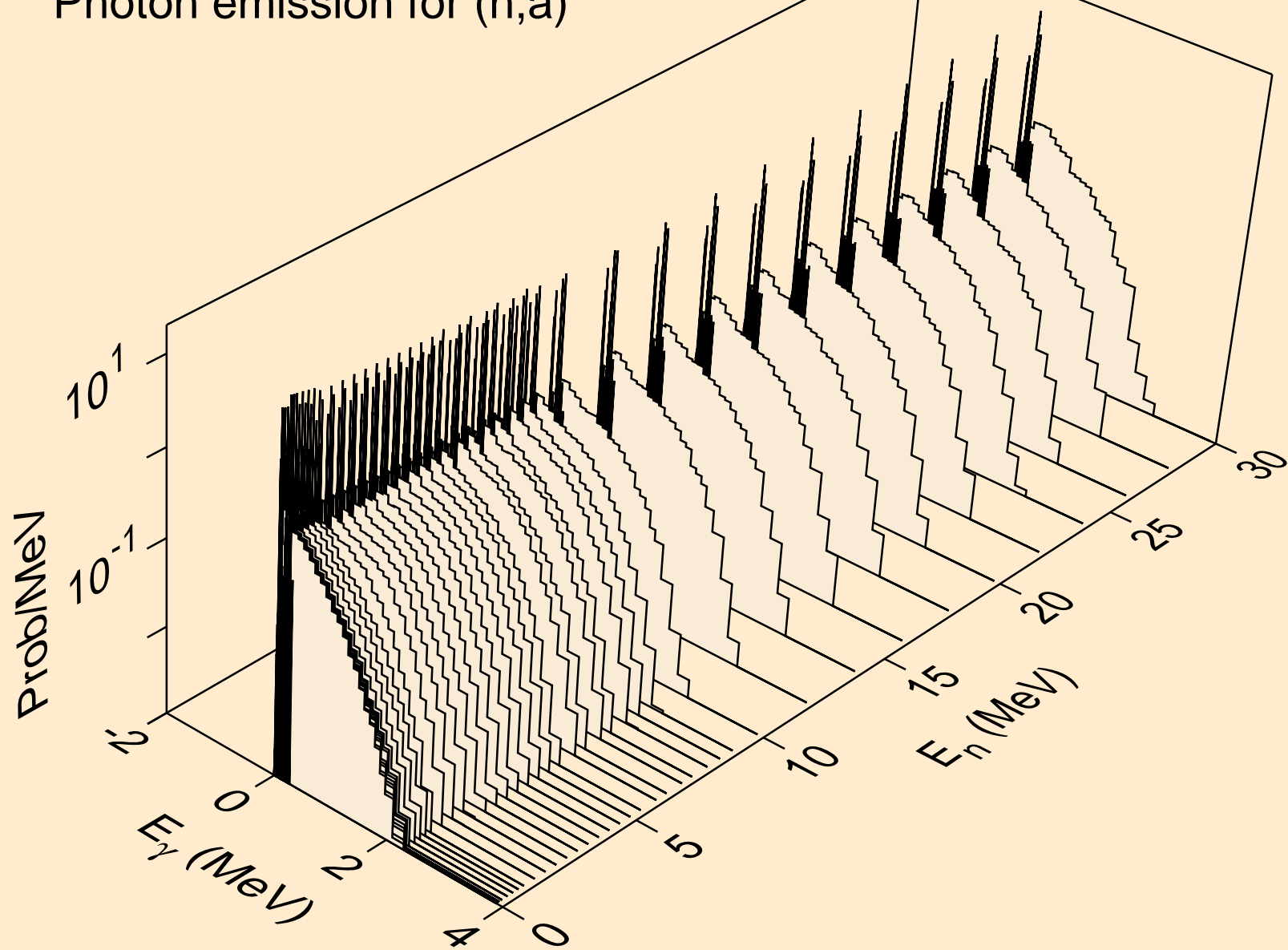
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



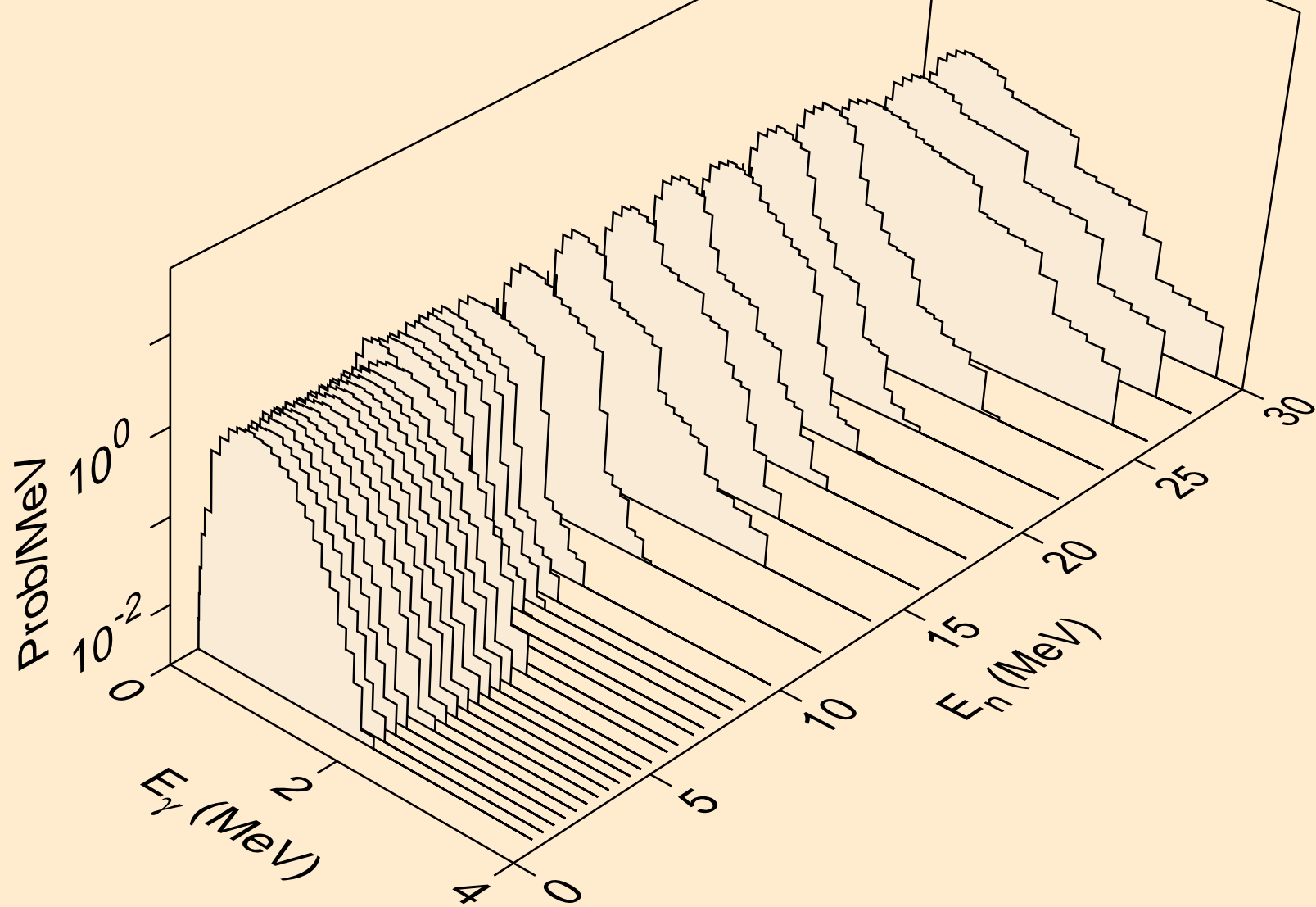
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



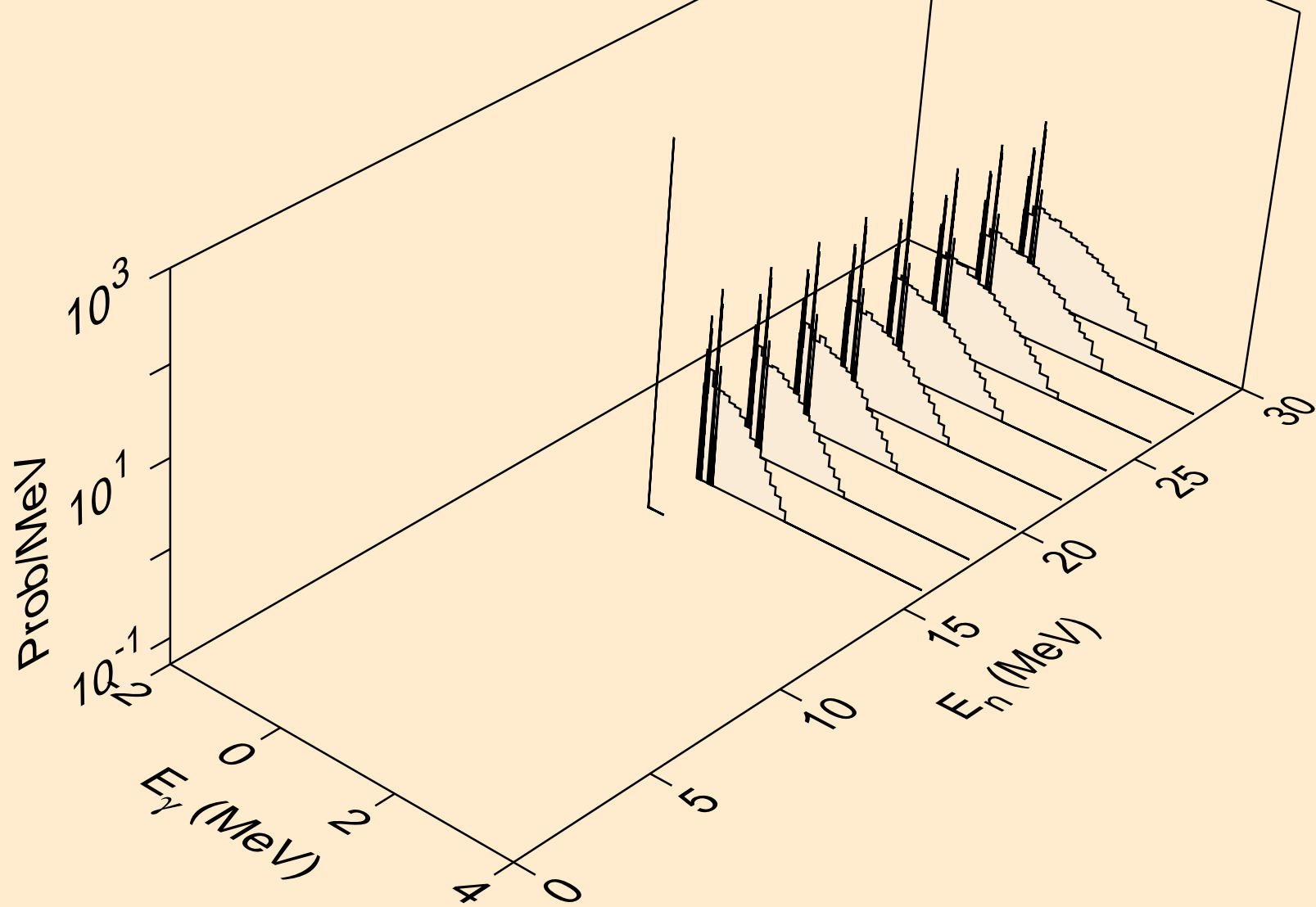
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

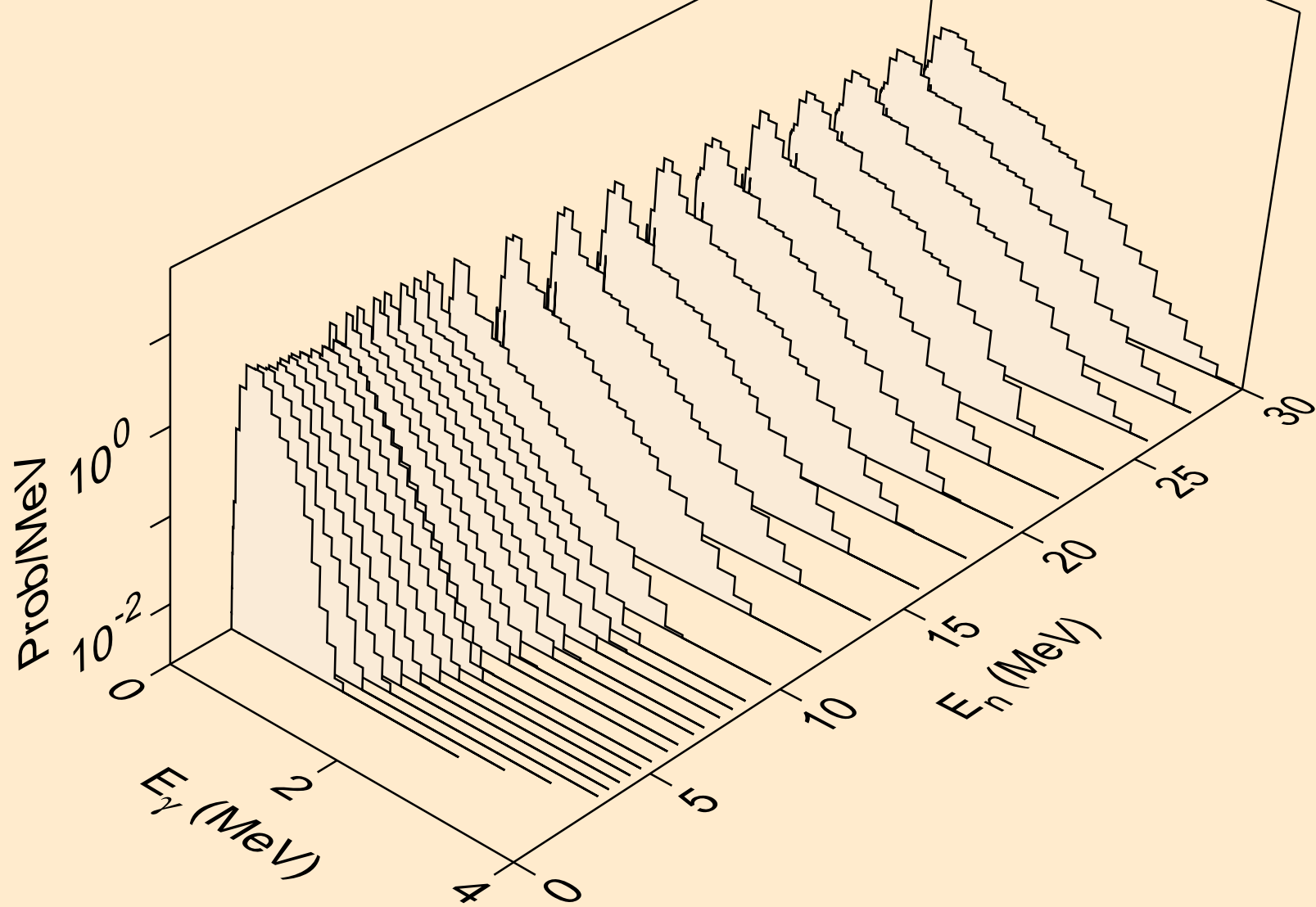


MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

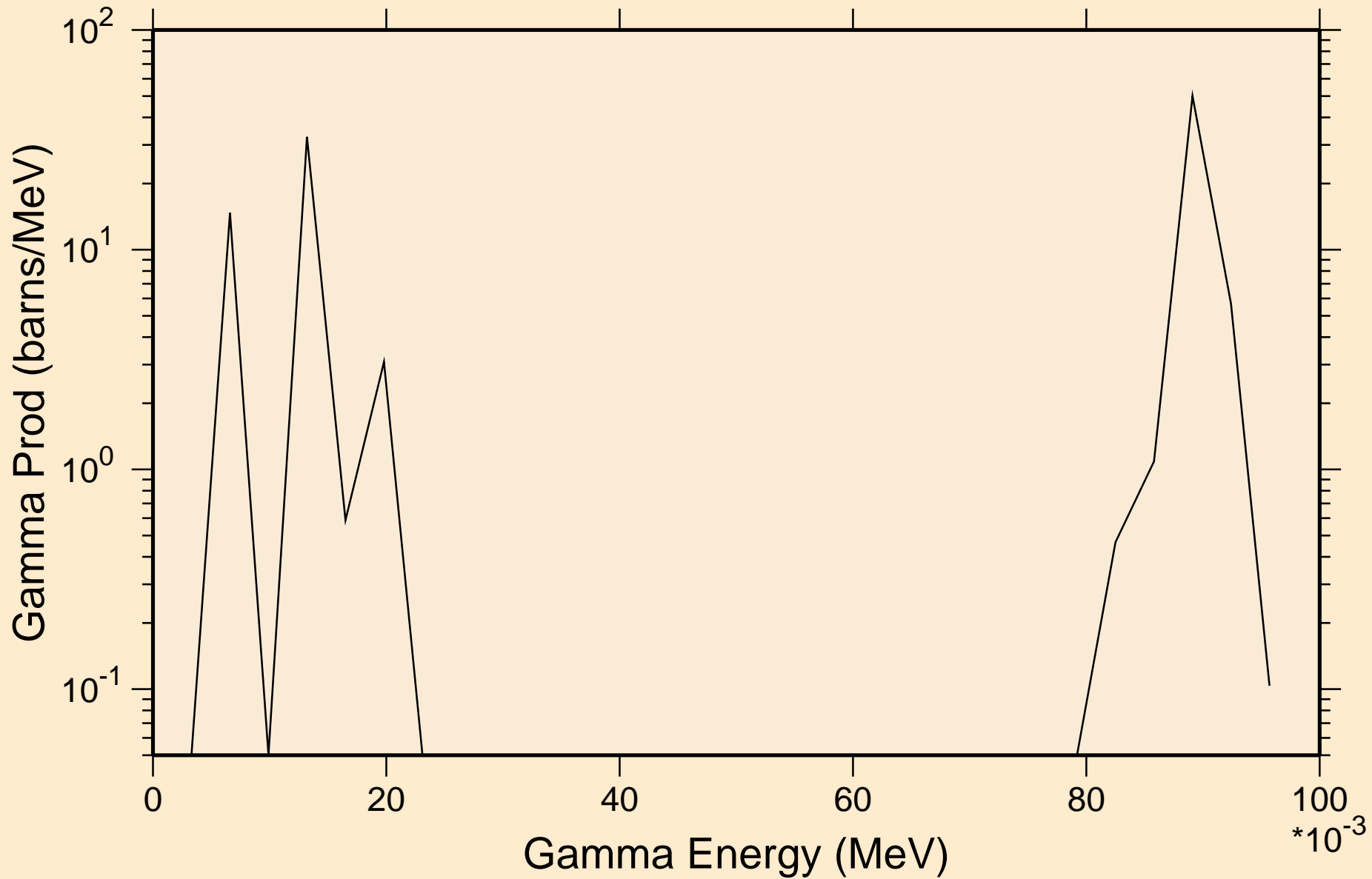




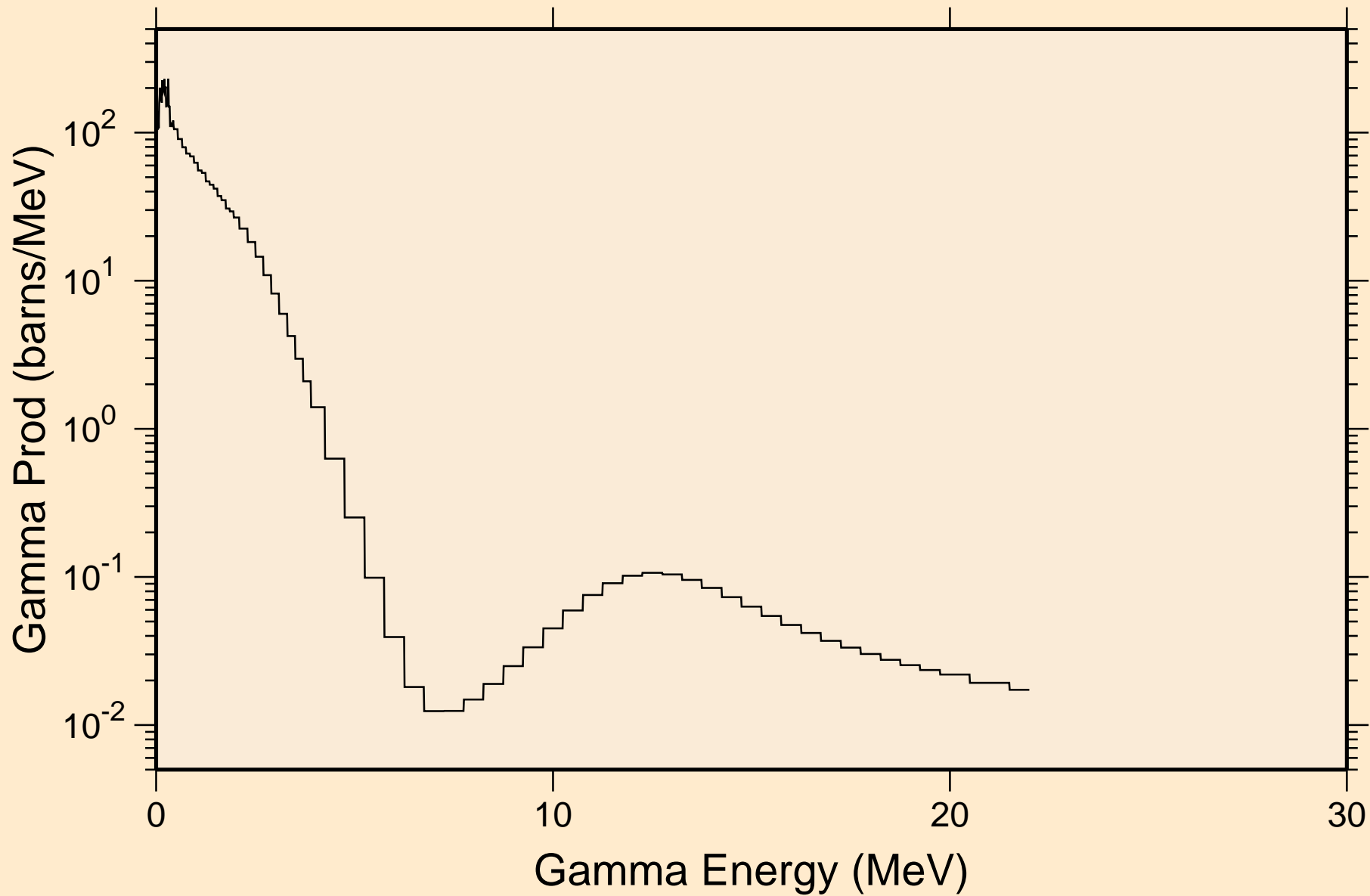
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

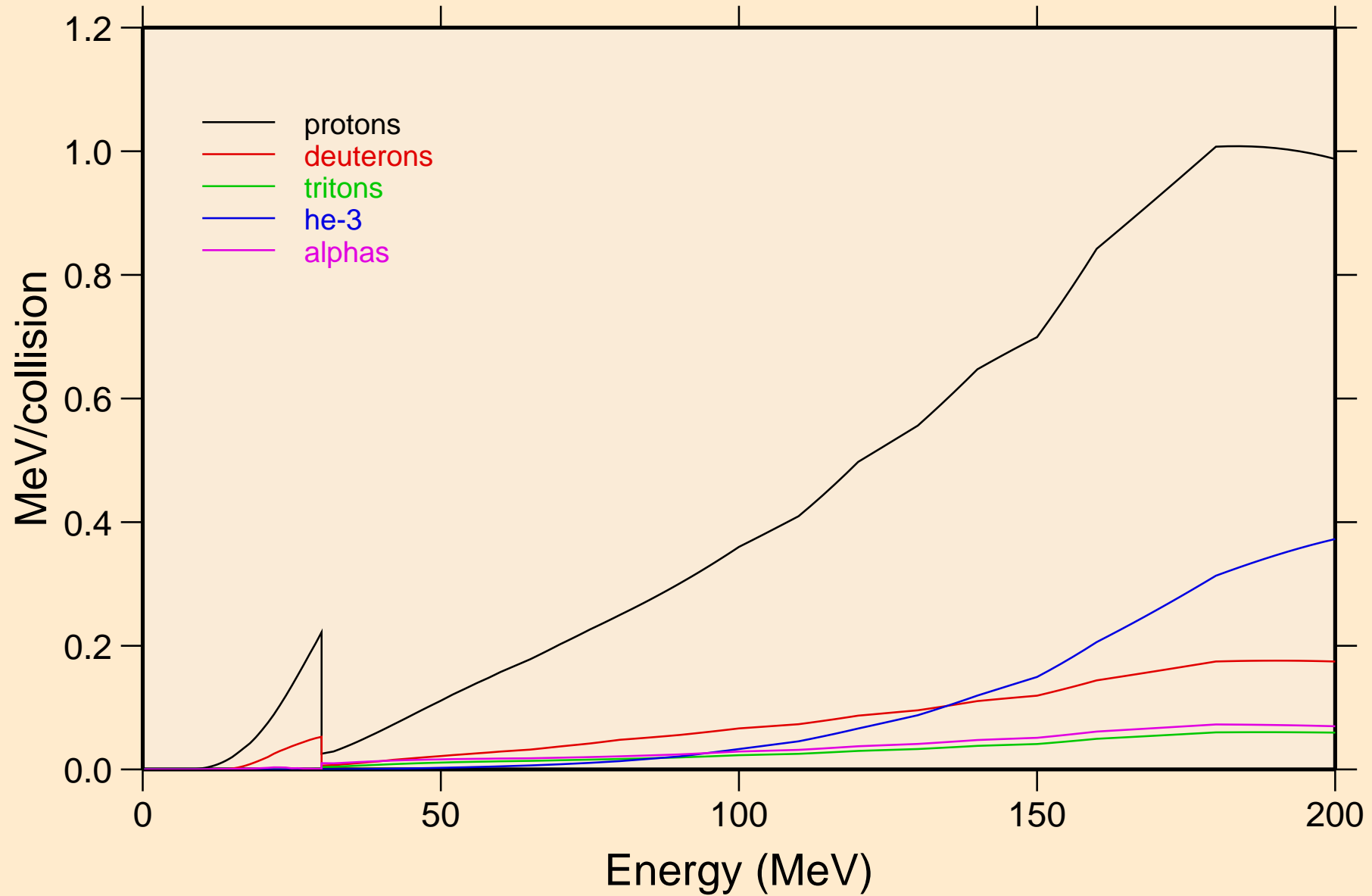


MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

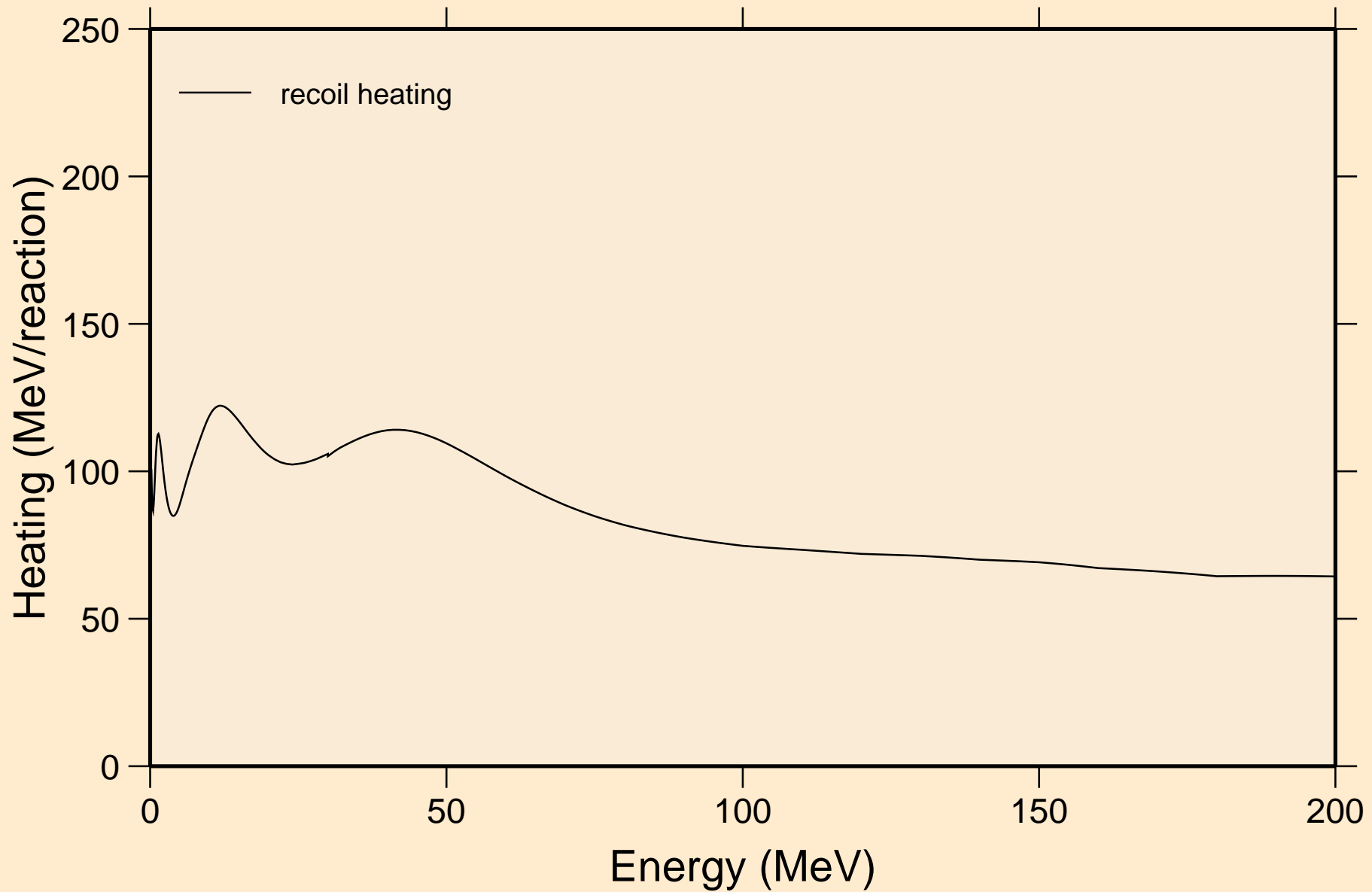


# MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

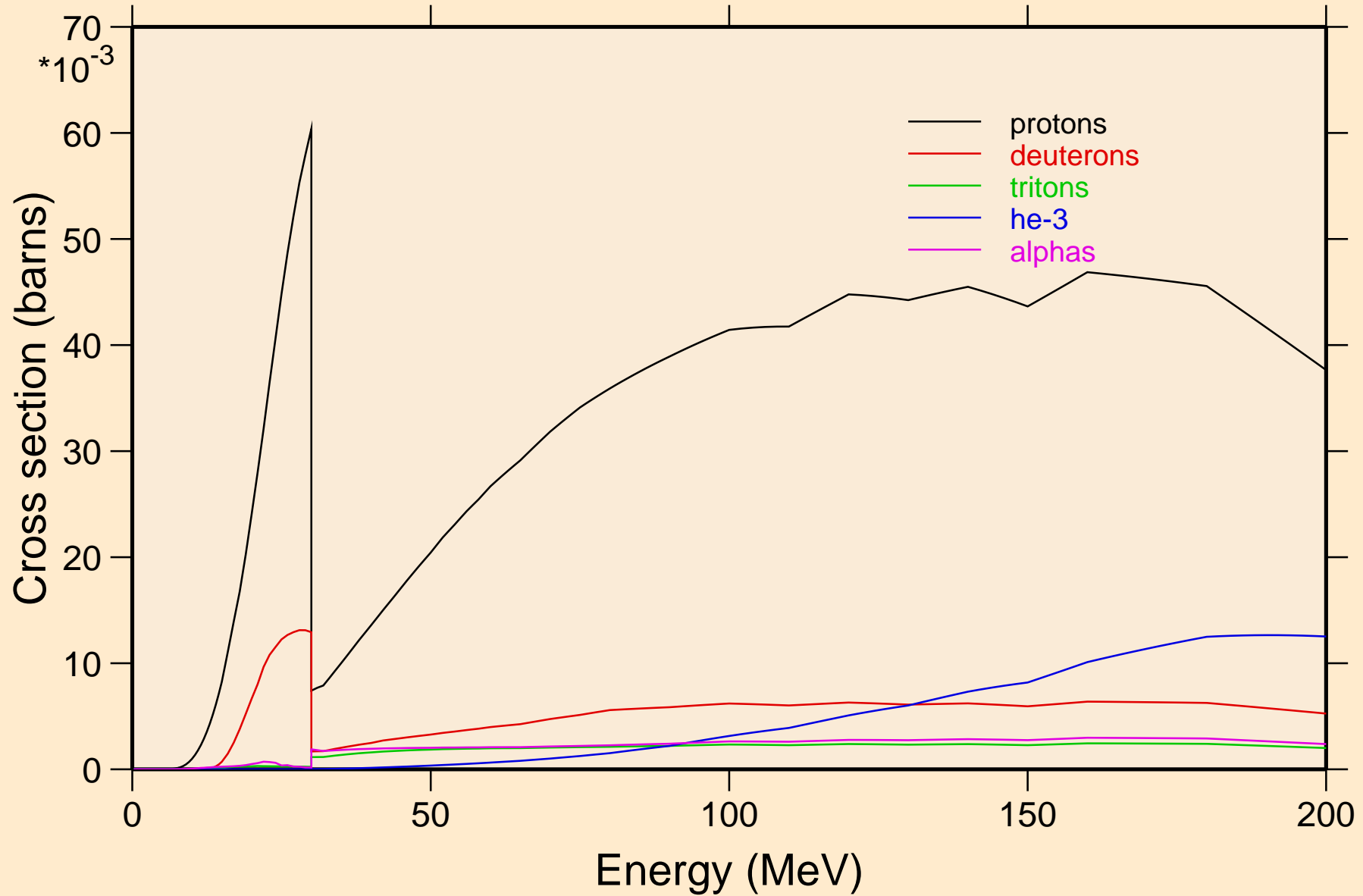


MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

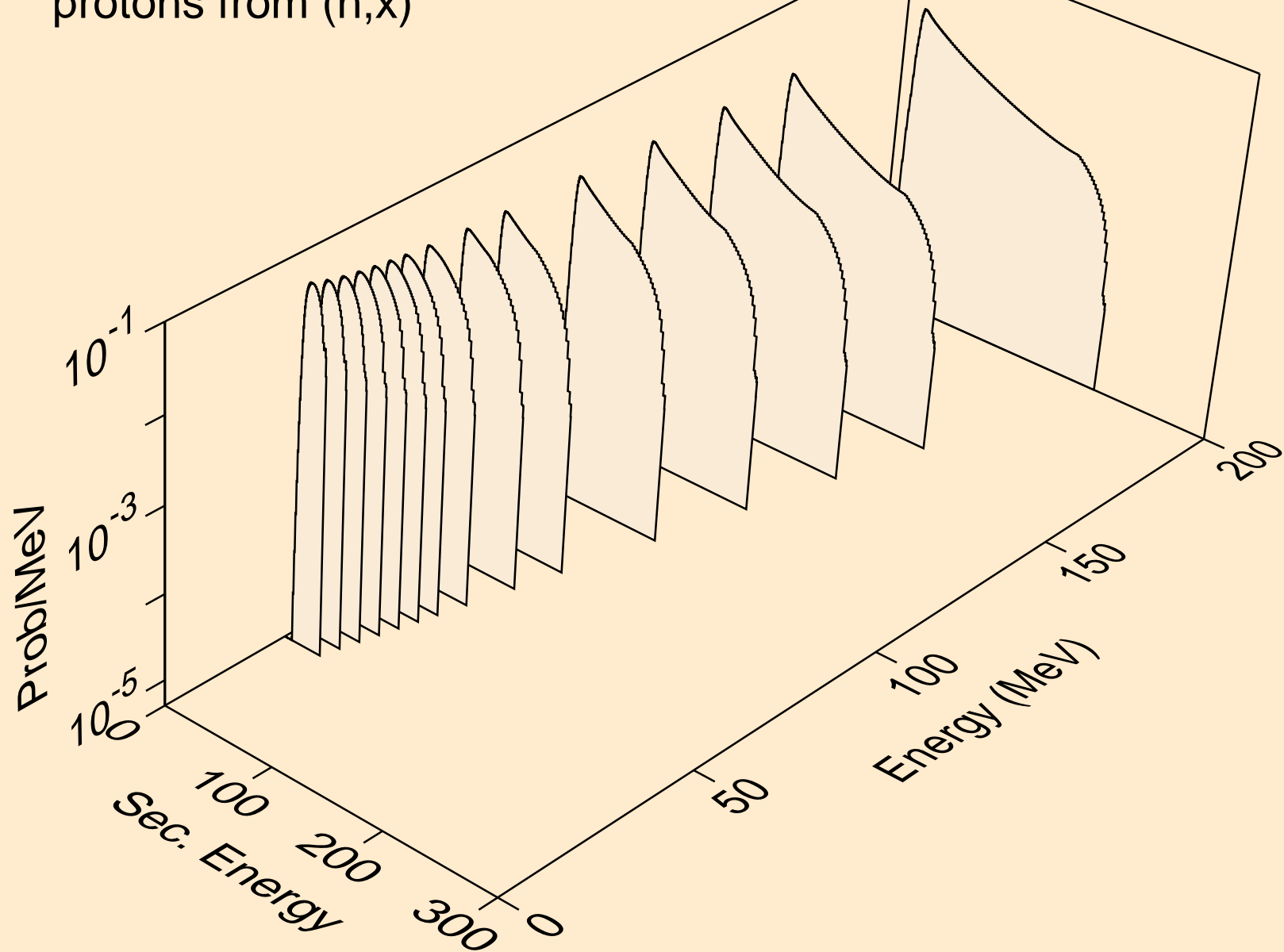


# MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

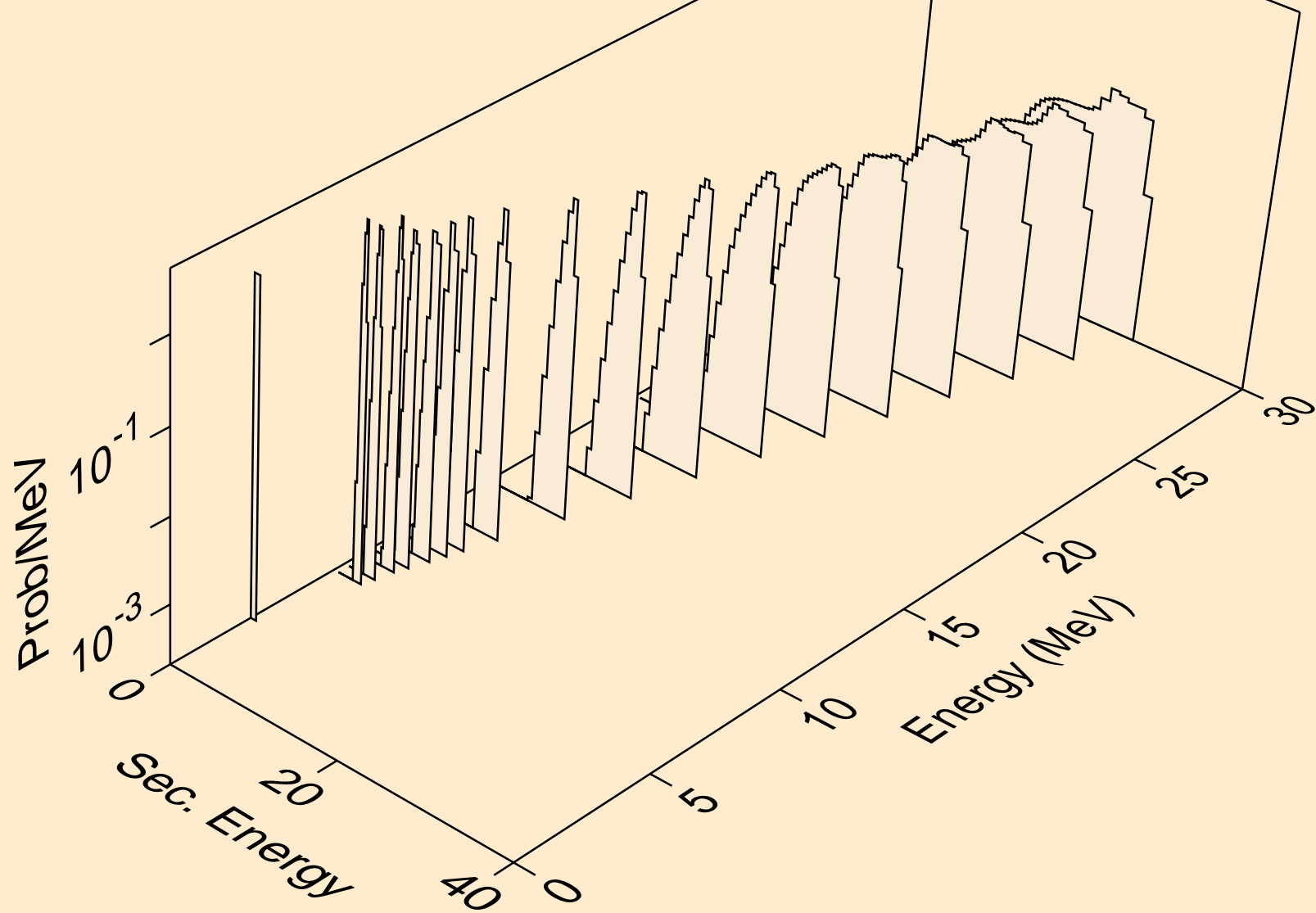
## Particle production cross sections



MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)

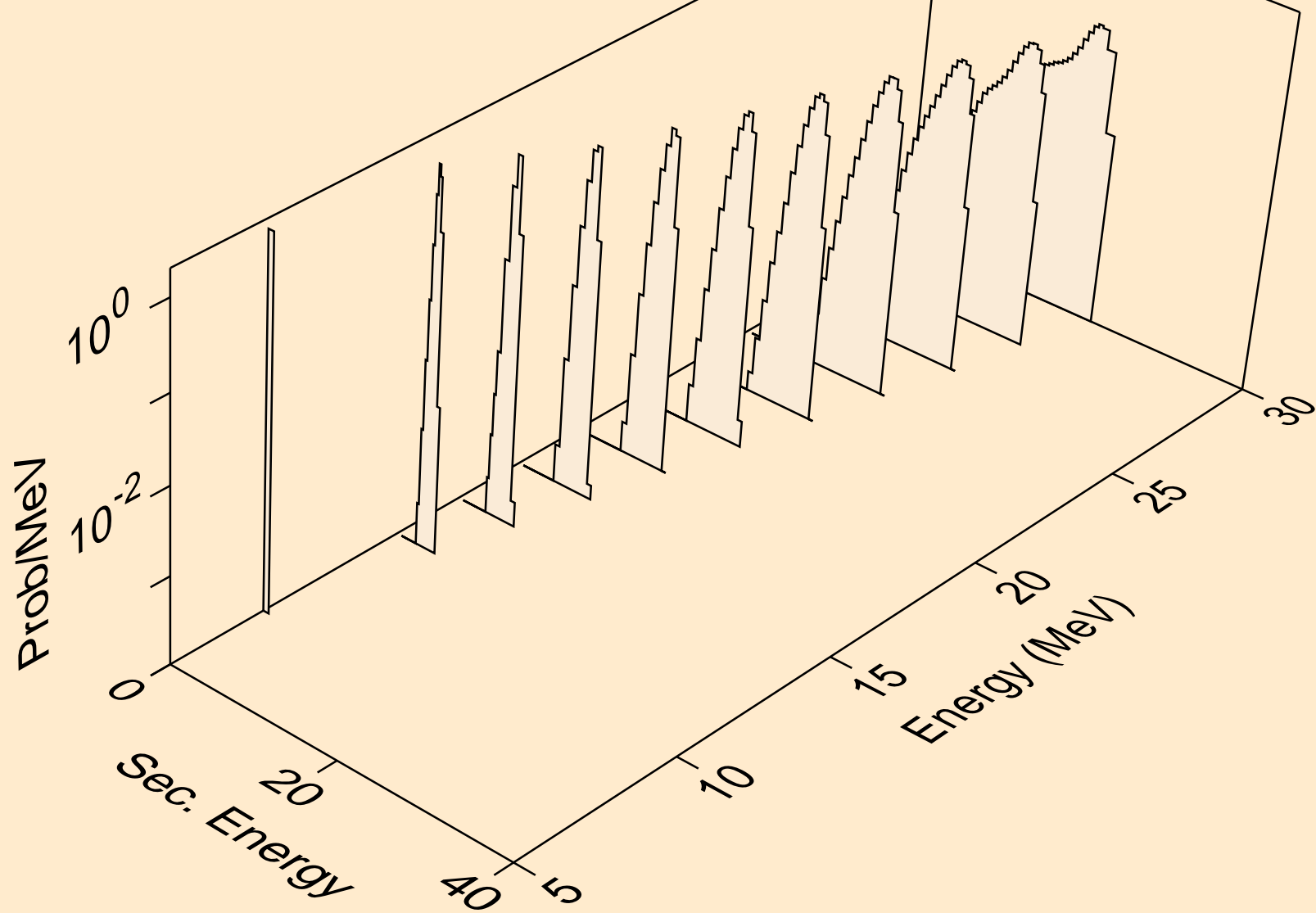


MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p

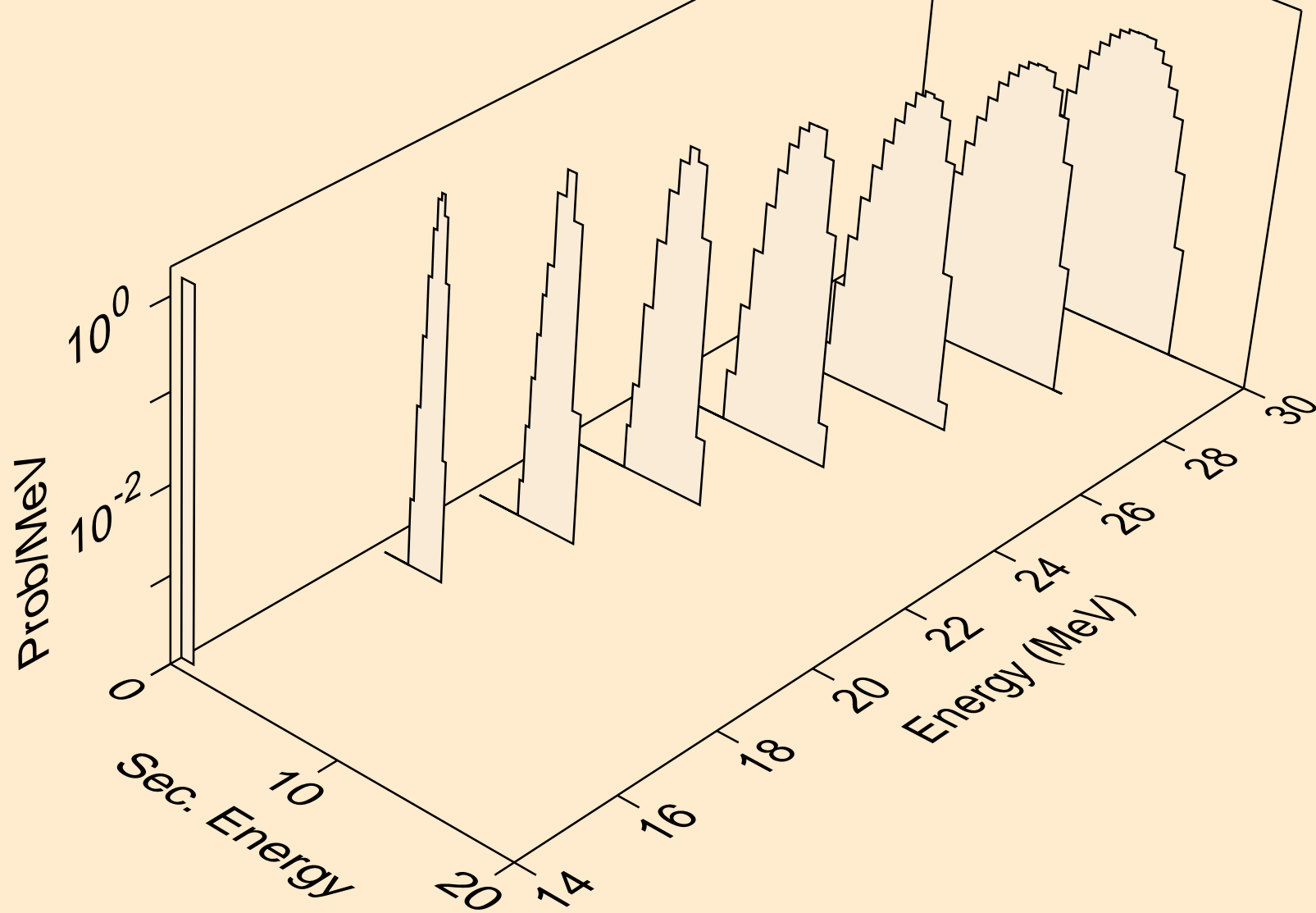




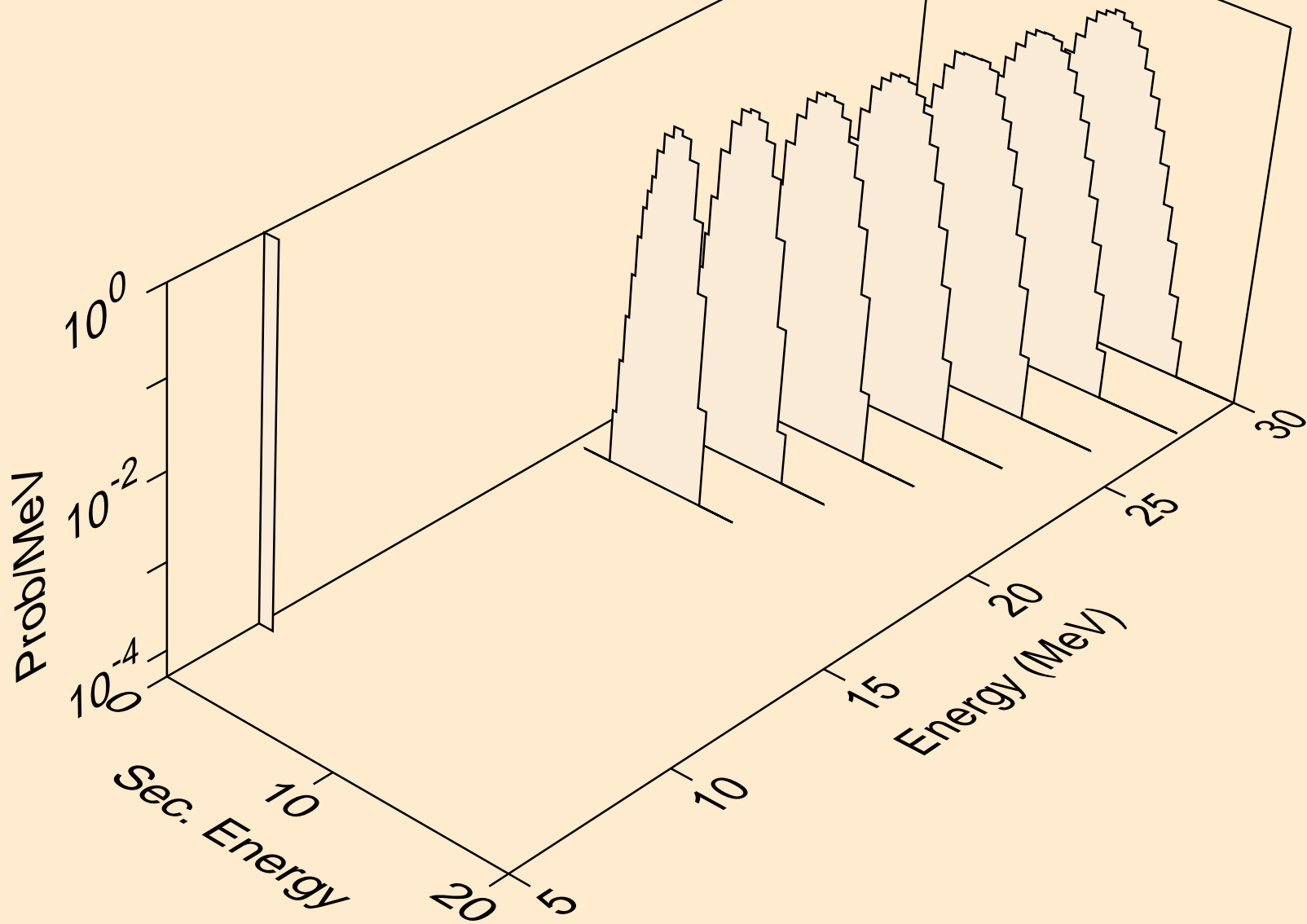
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



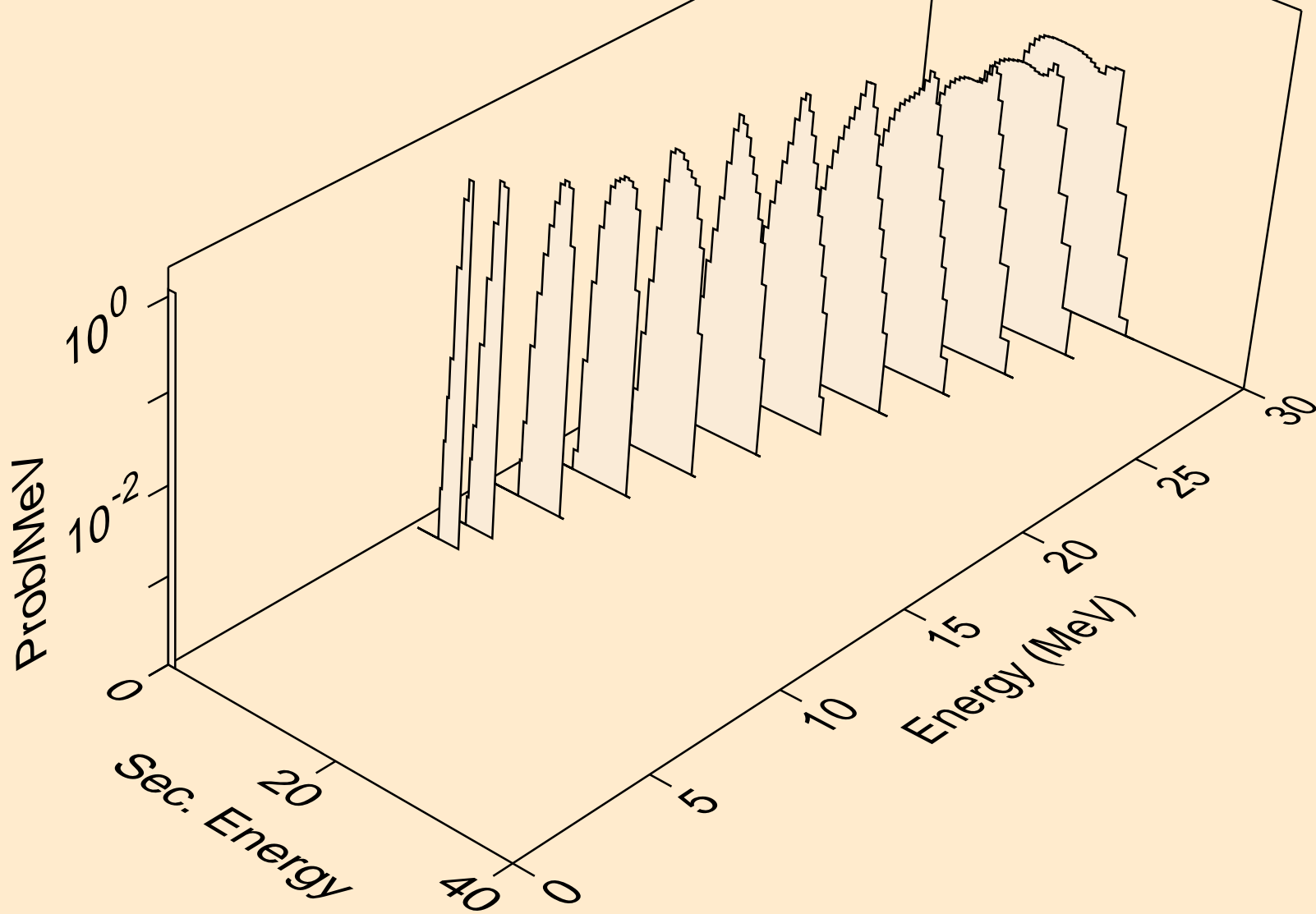
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



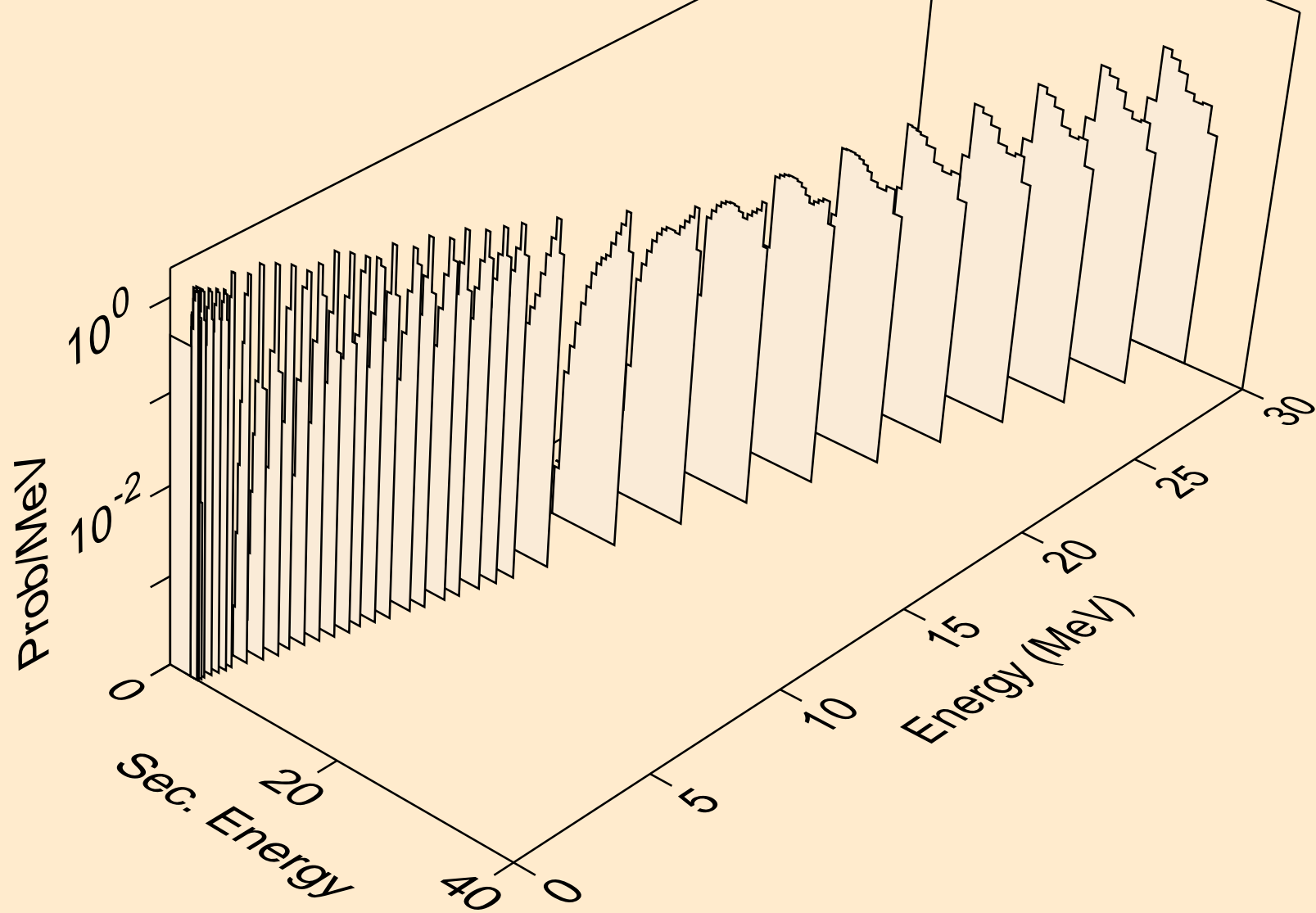
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)



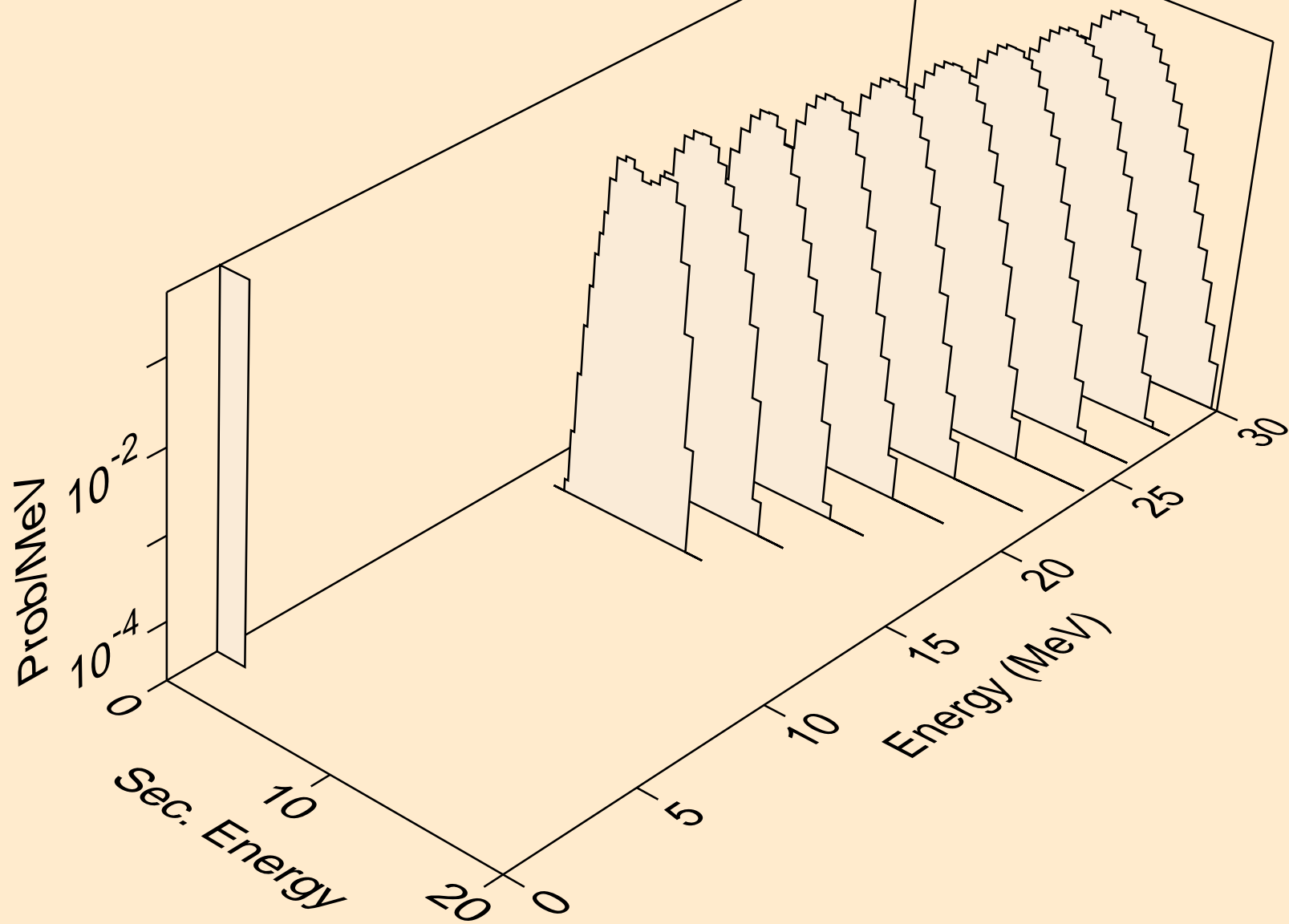
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,npa)



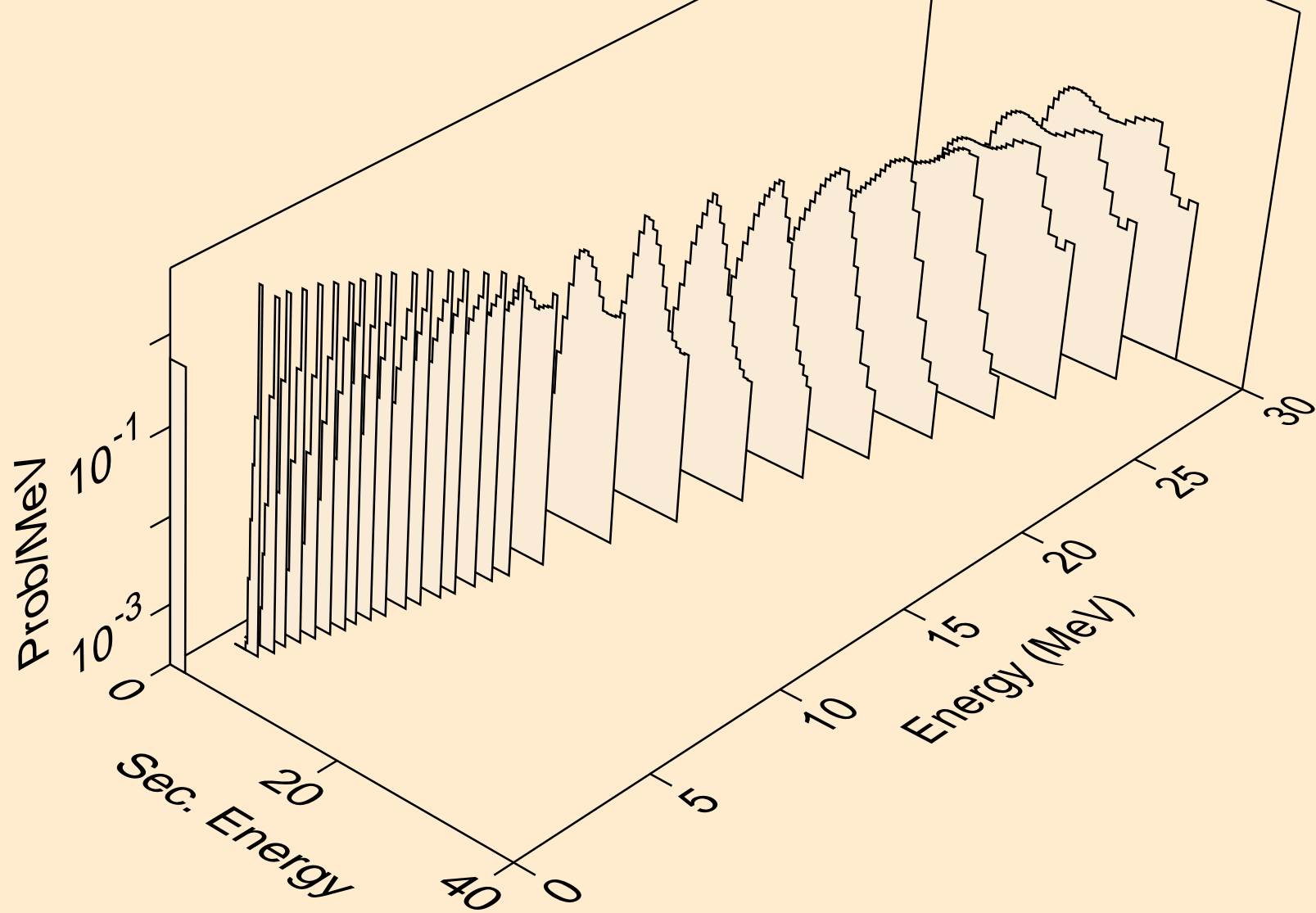
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



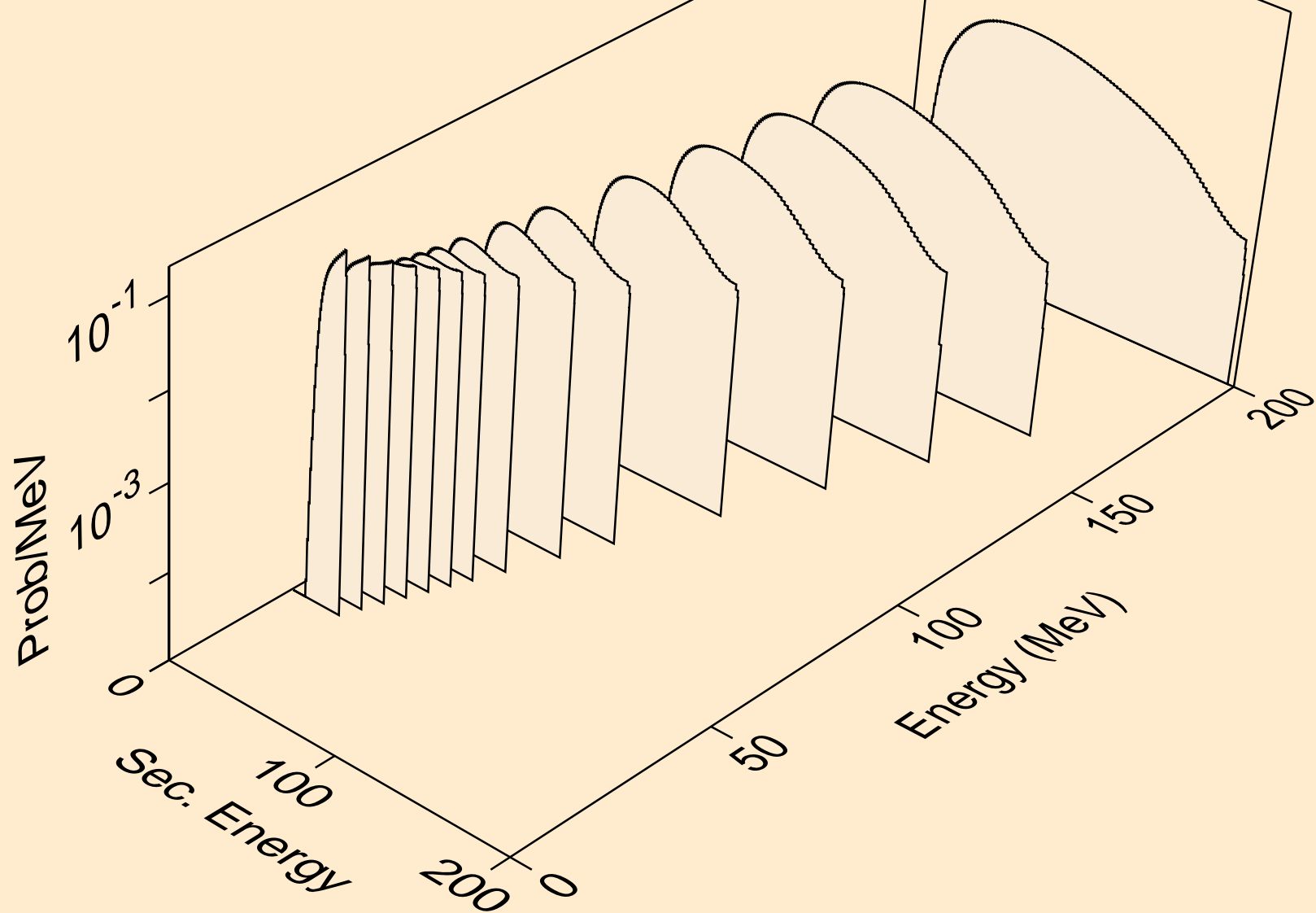
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)



MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)

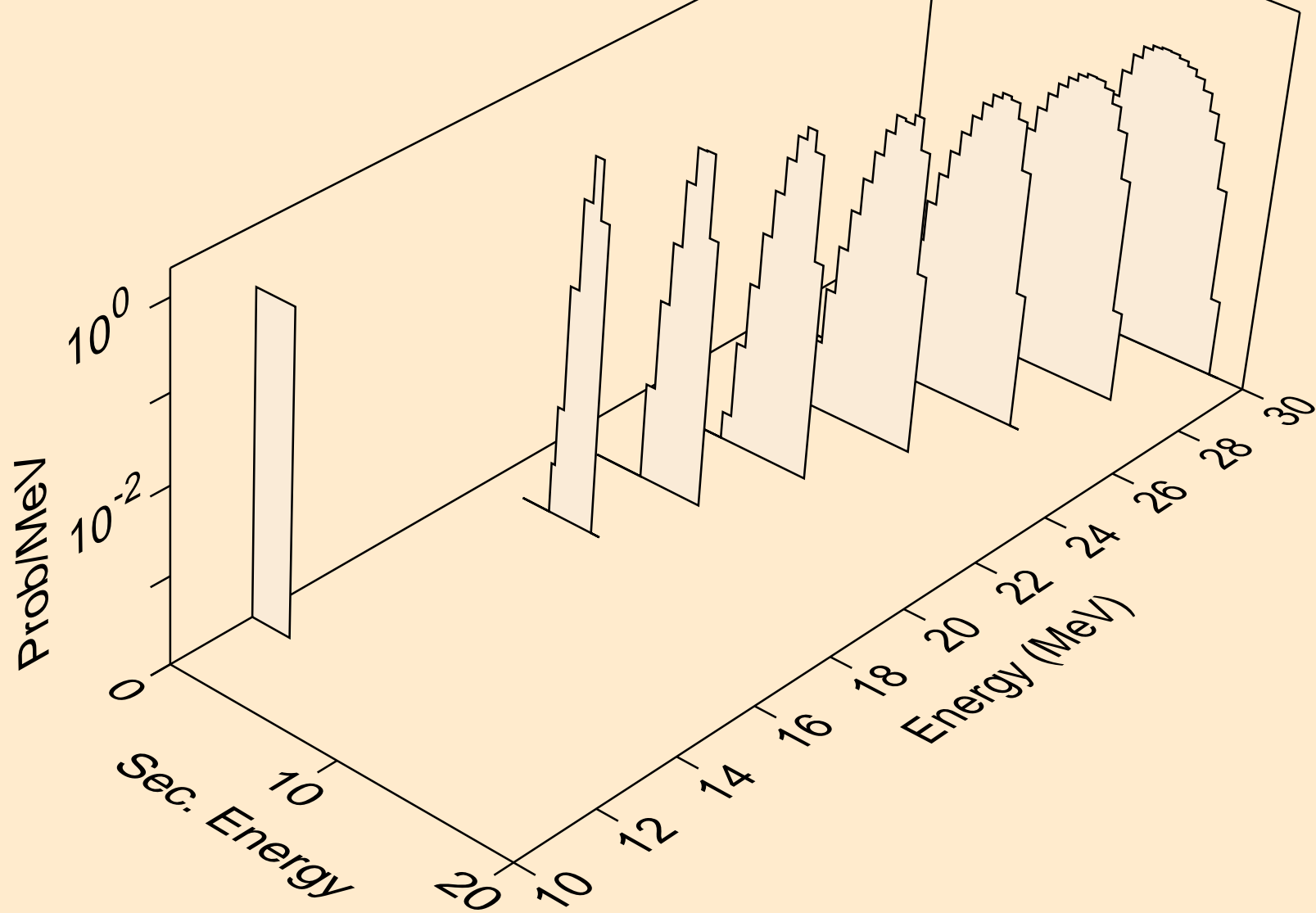


MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)

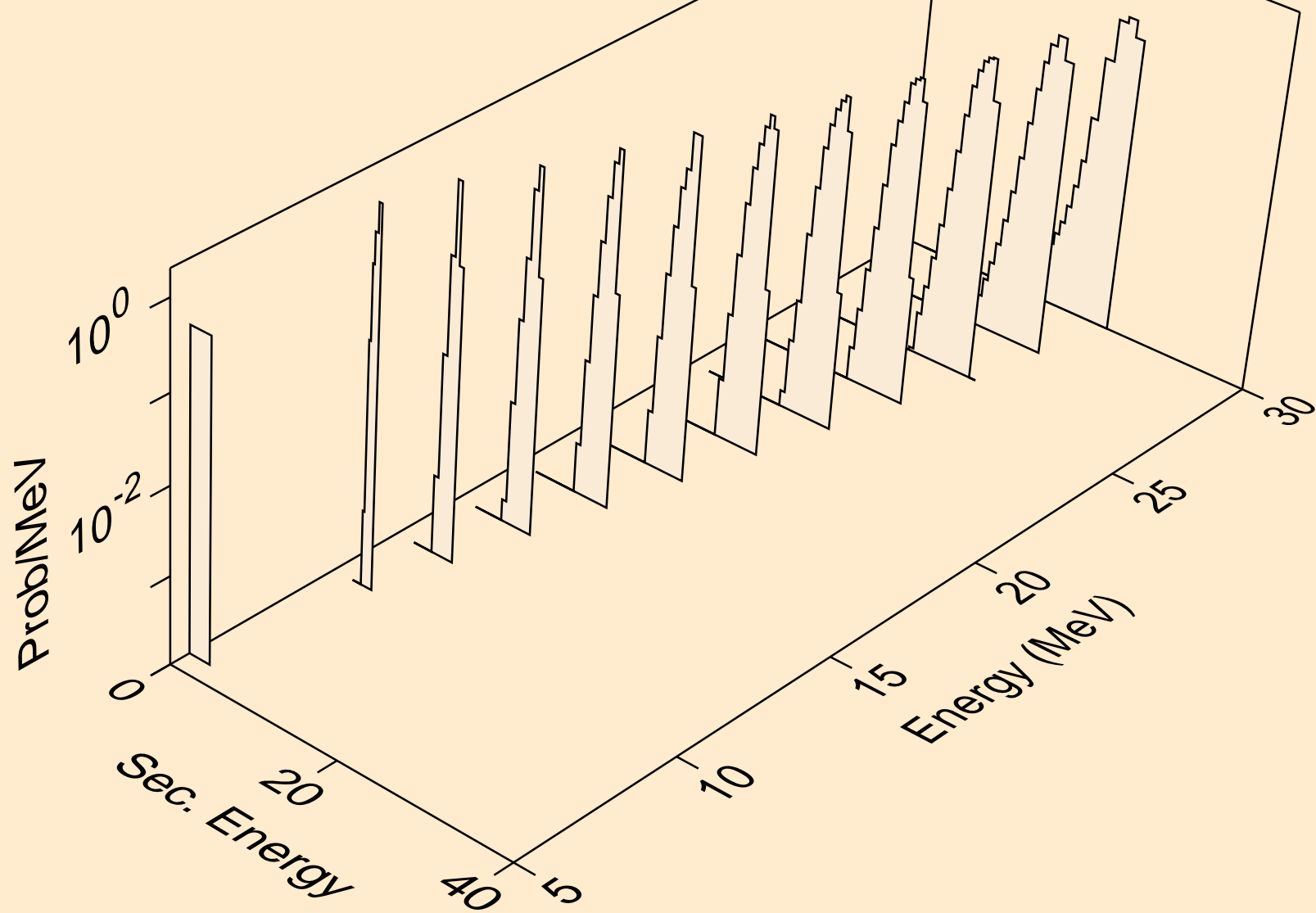




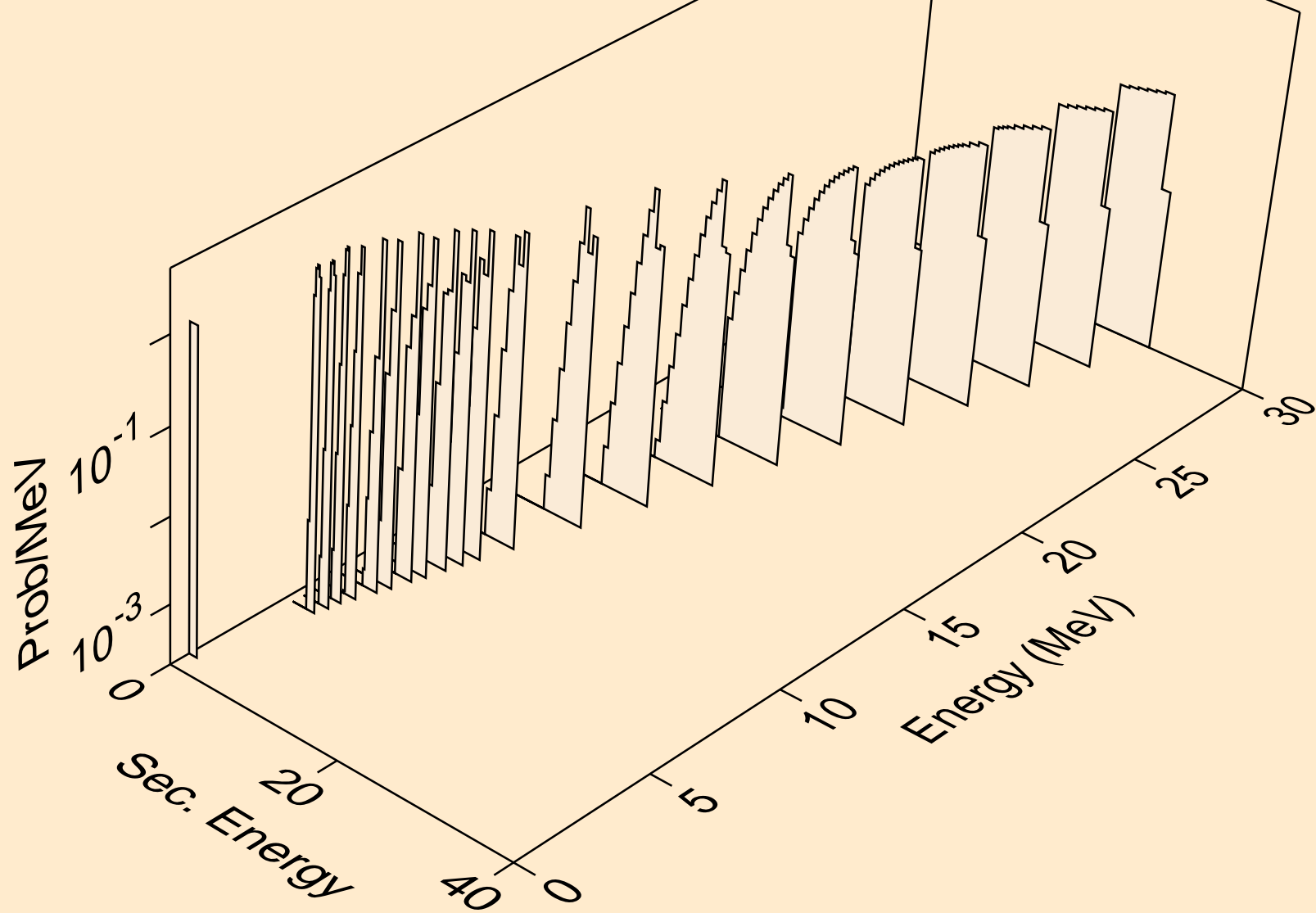
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)



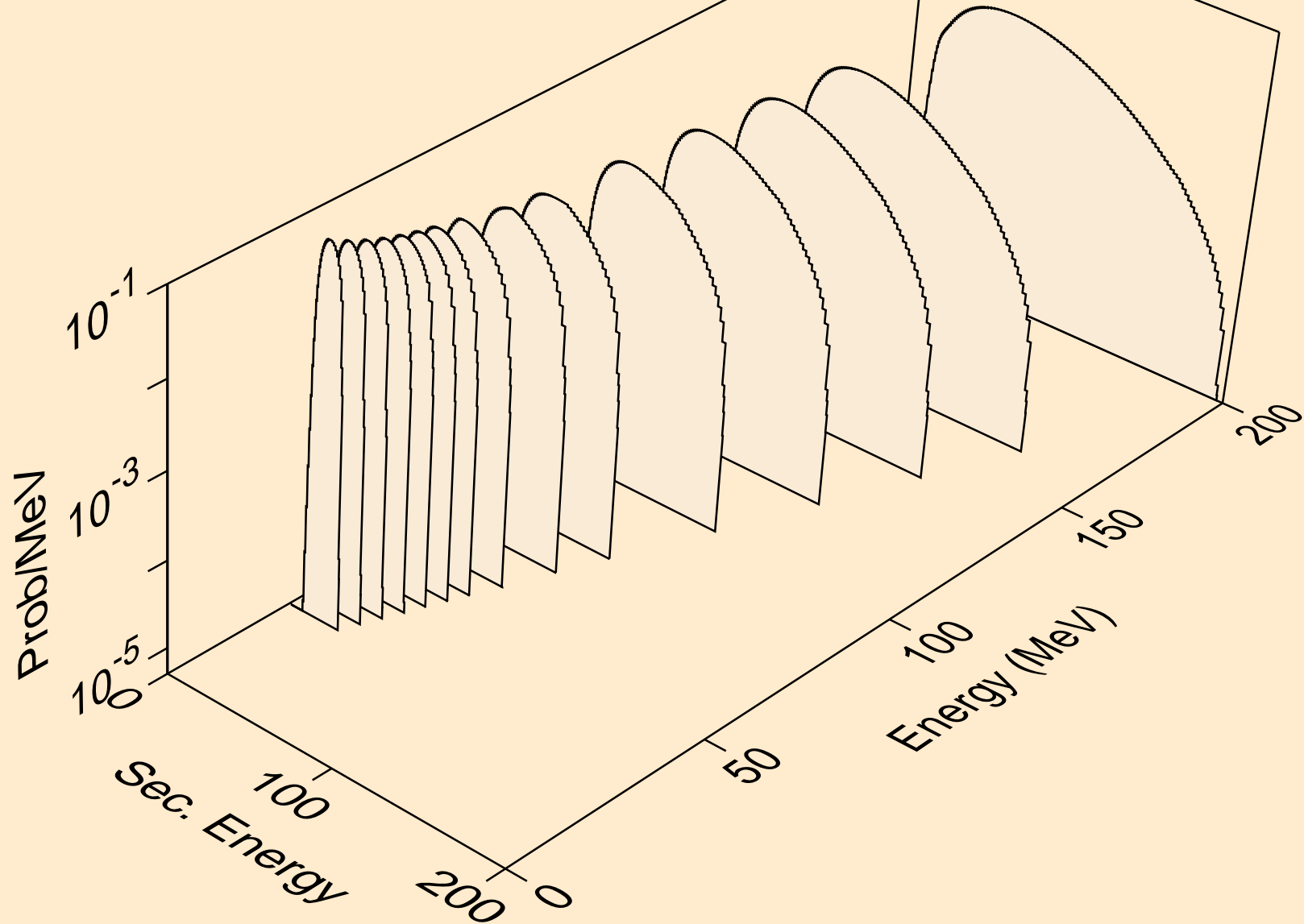
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



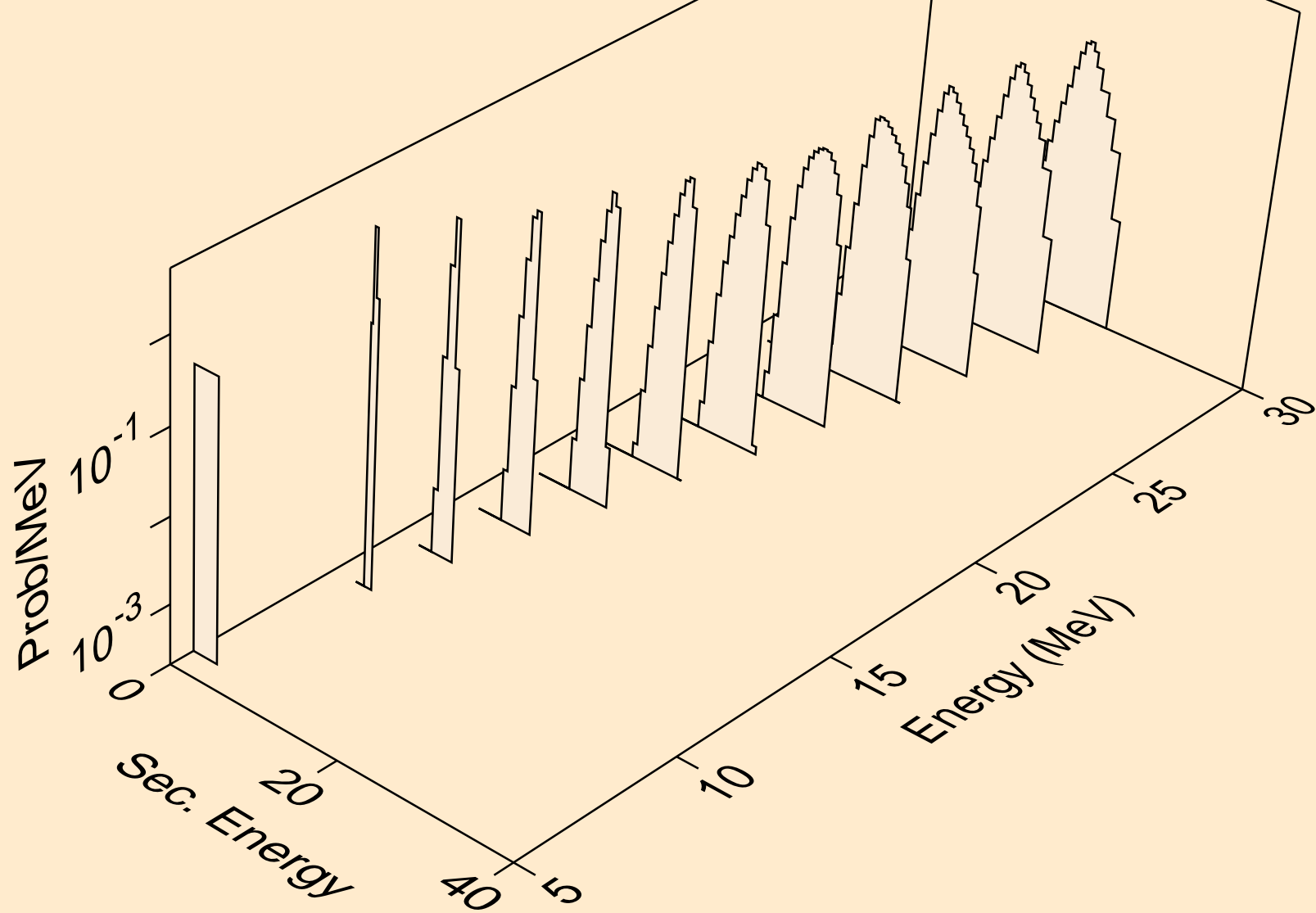
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deuterons from (n,d)



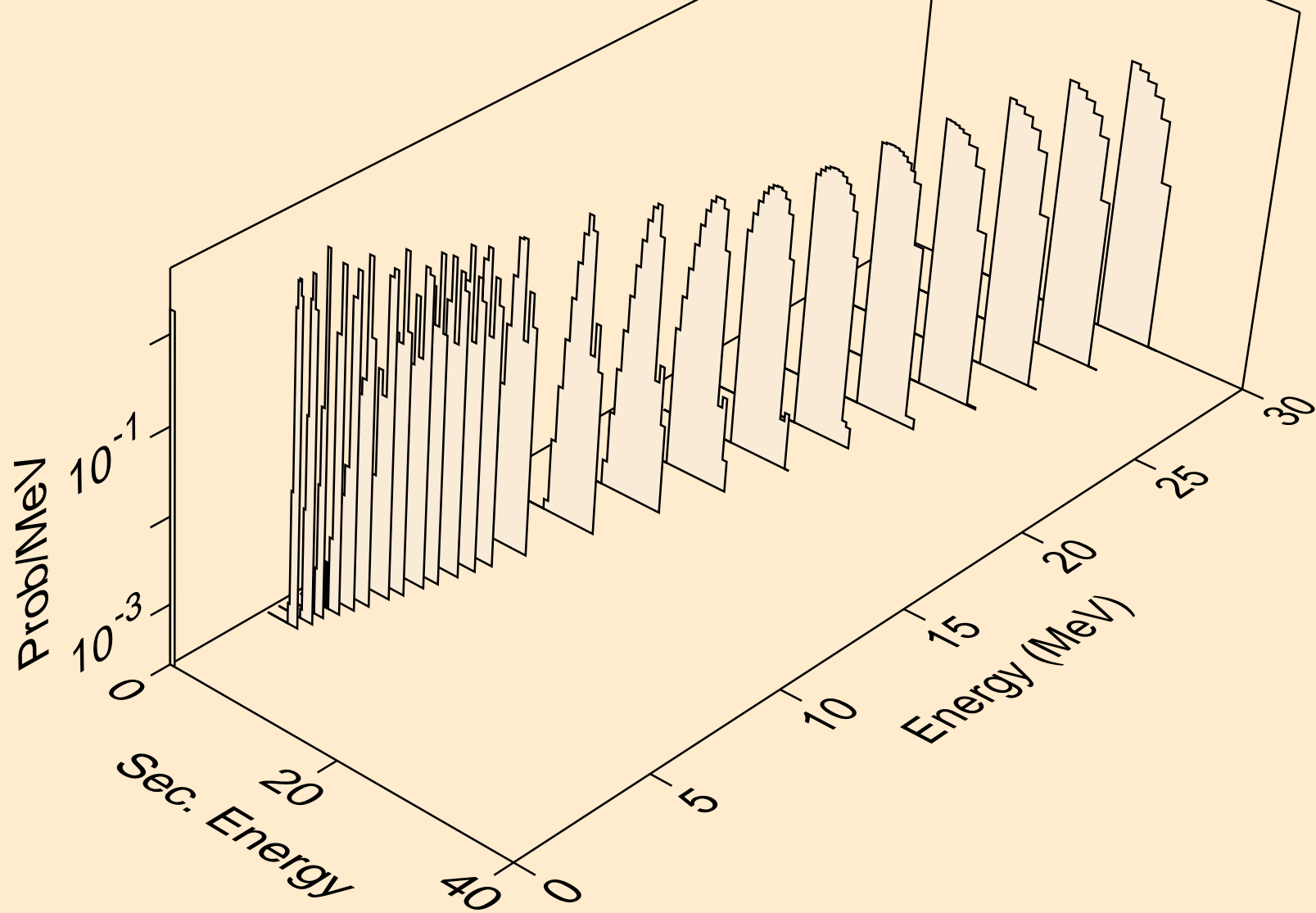
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



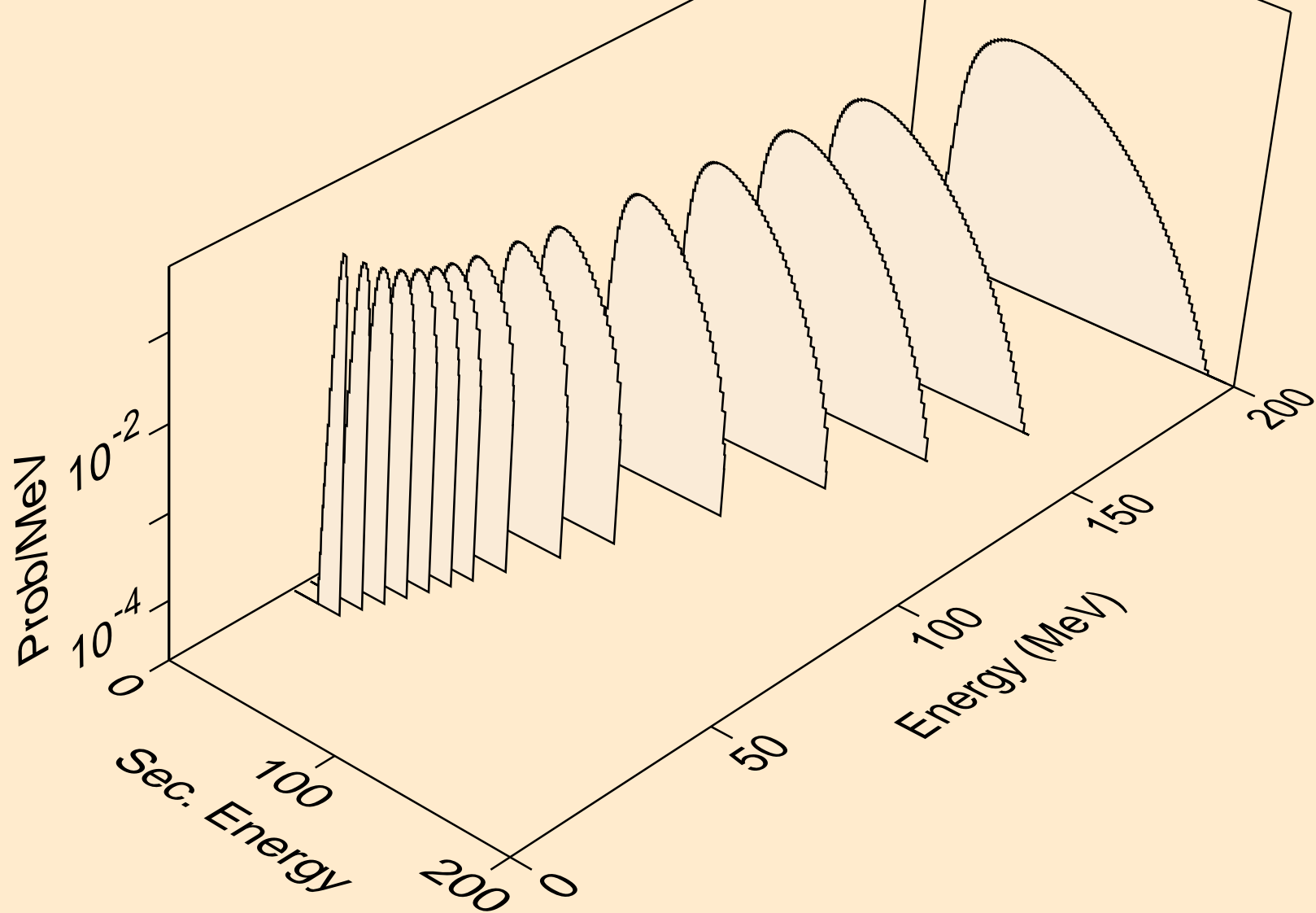
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



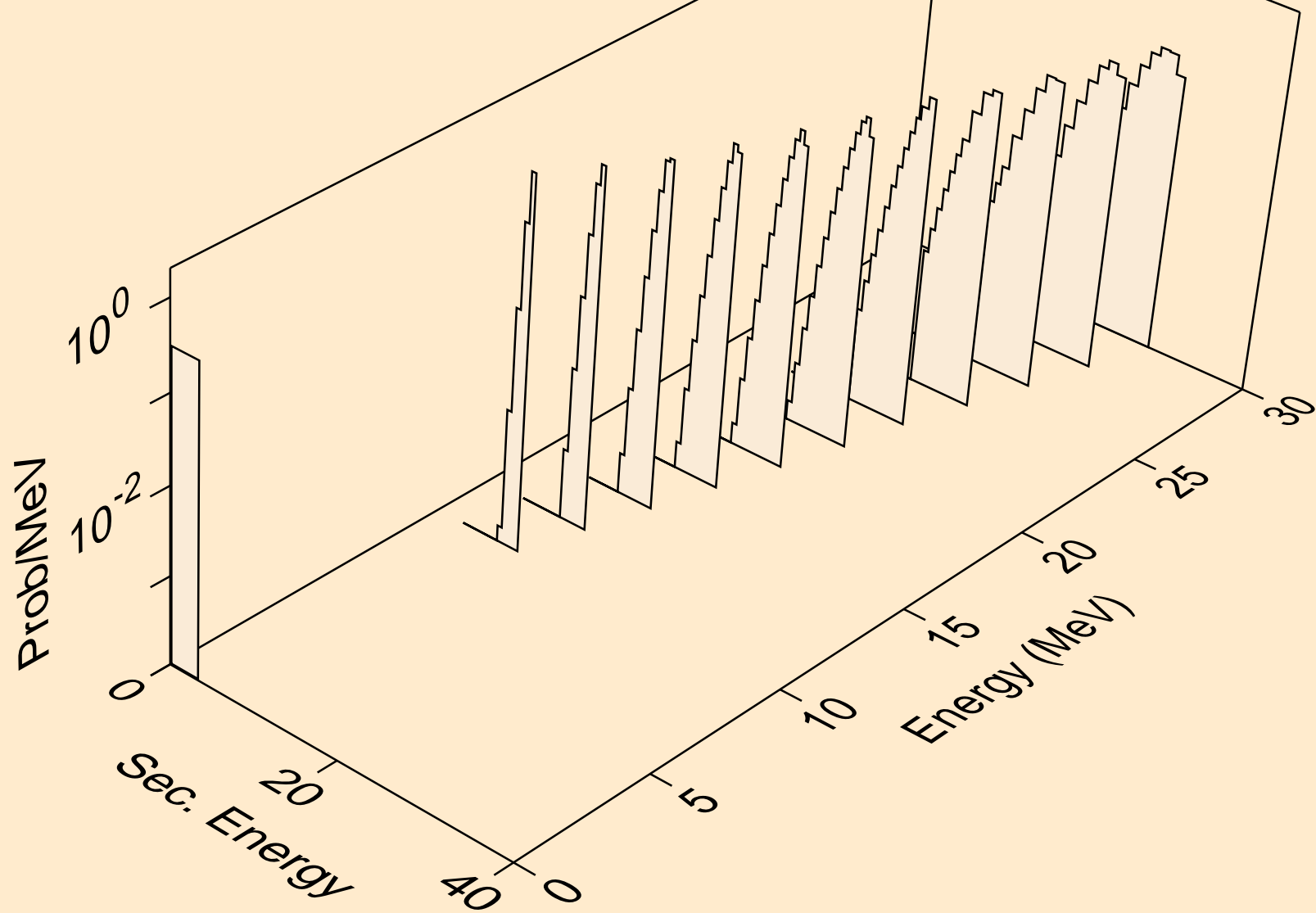
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)



MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)

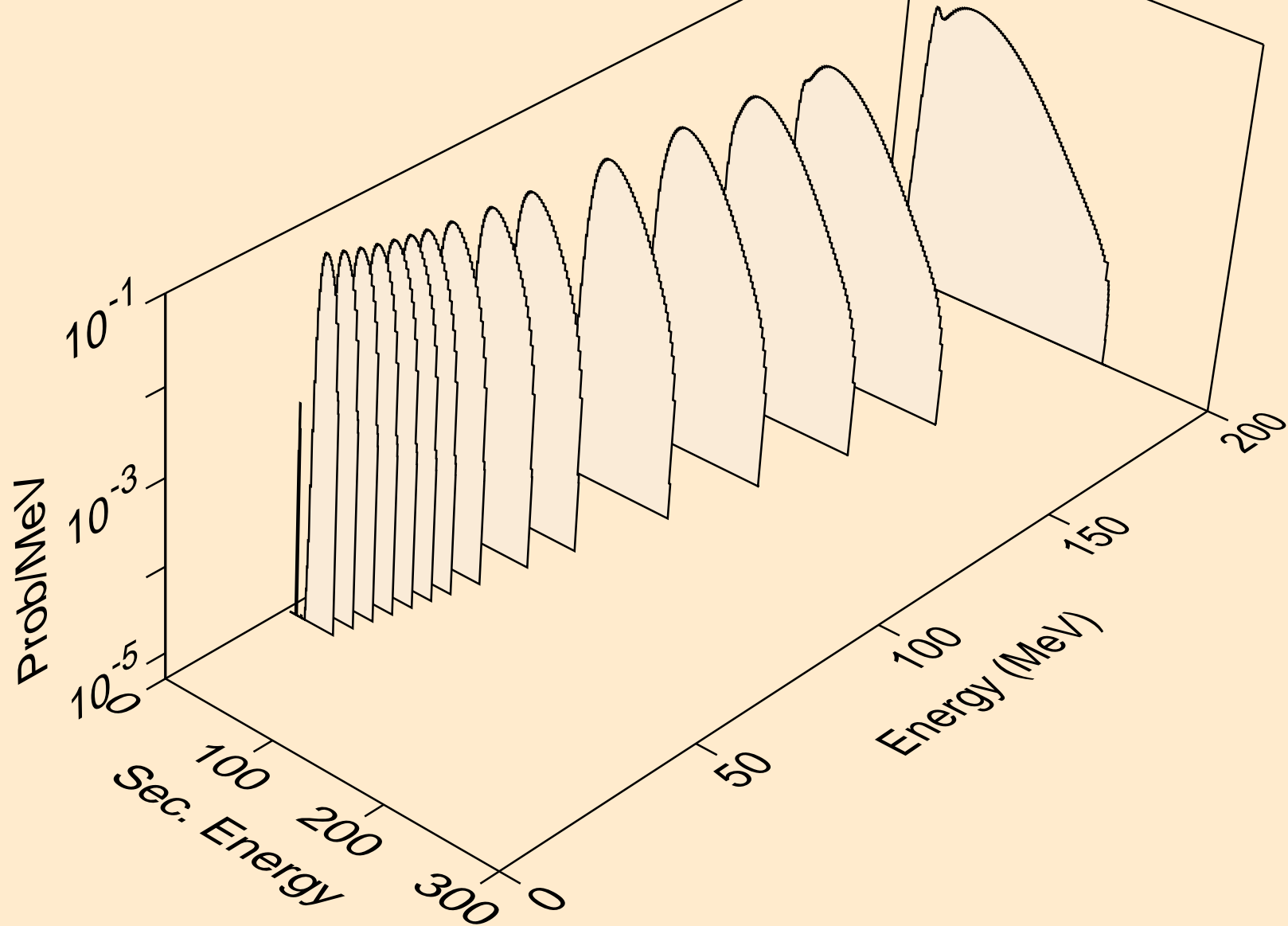


MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)

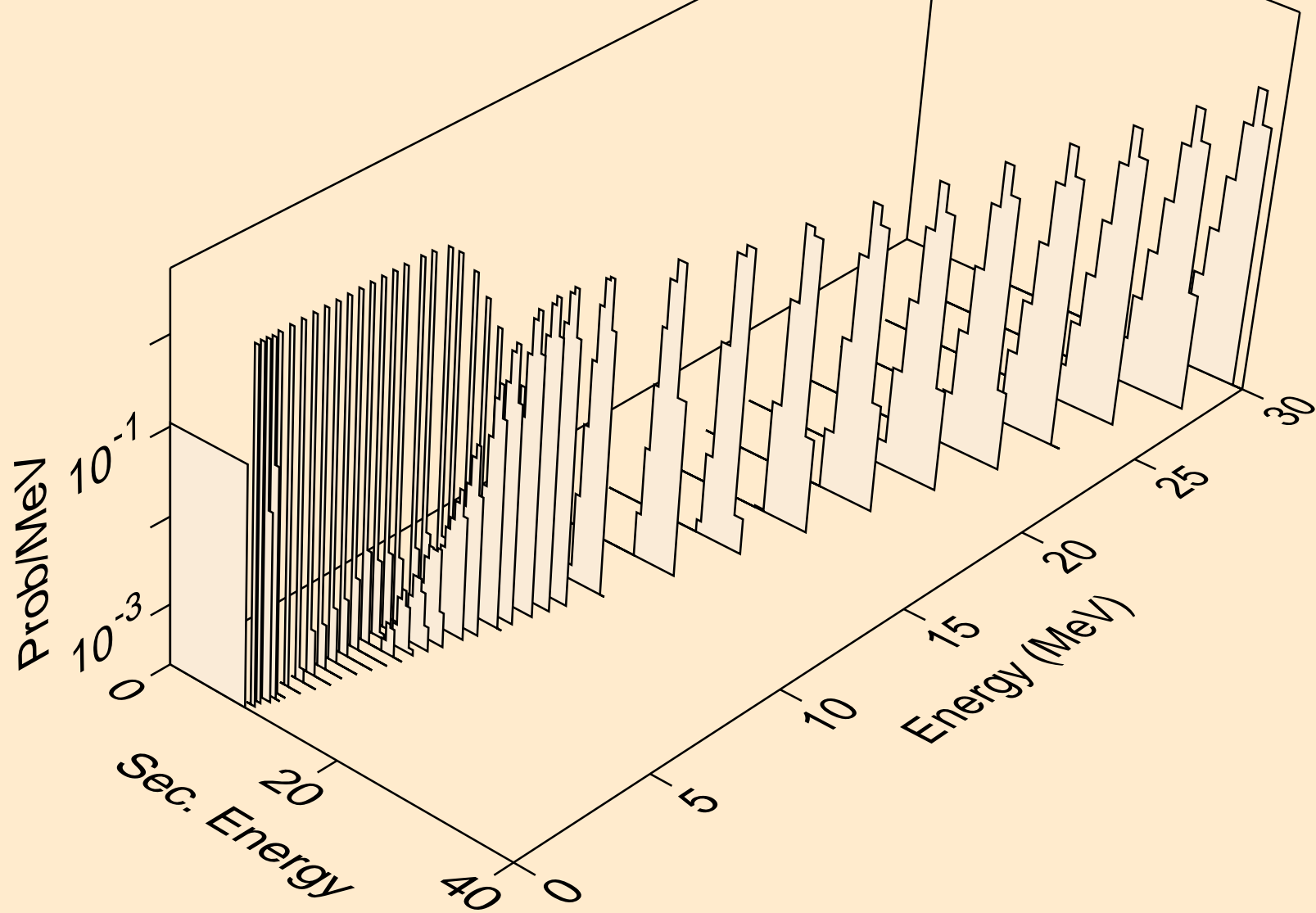




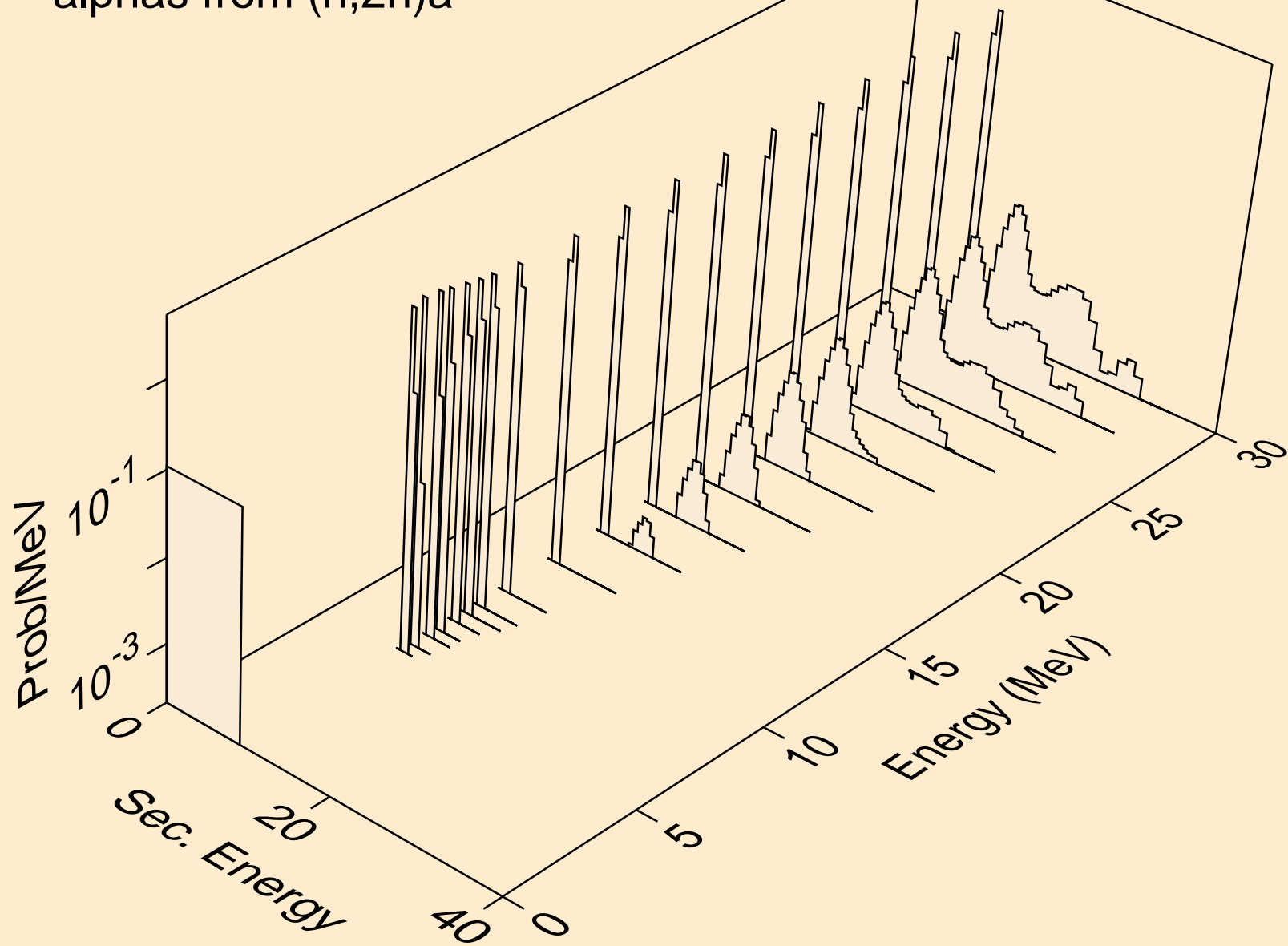
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



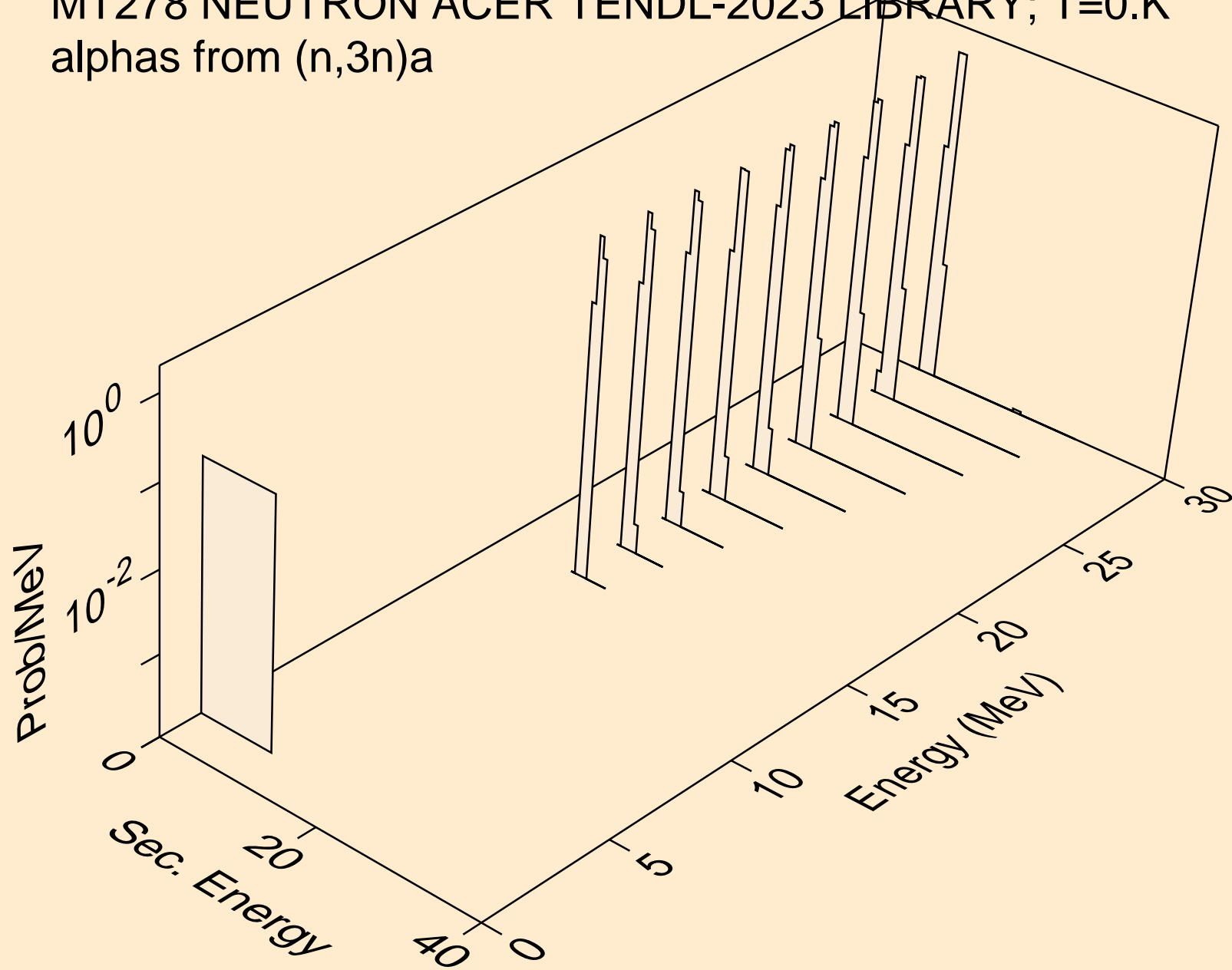
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



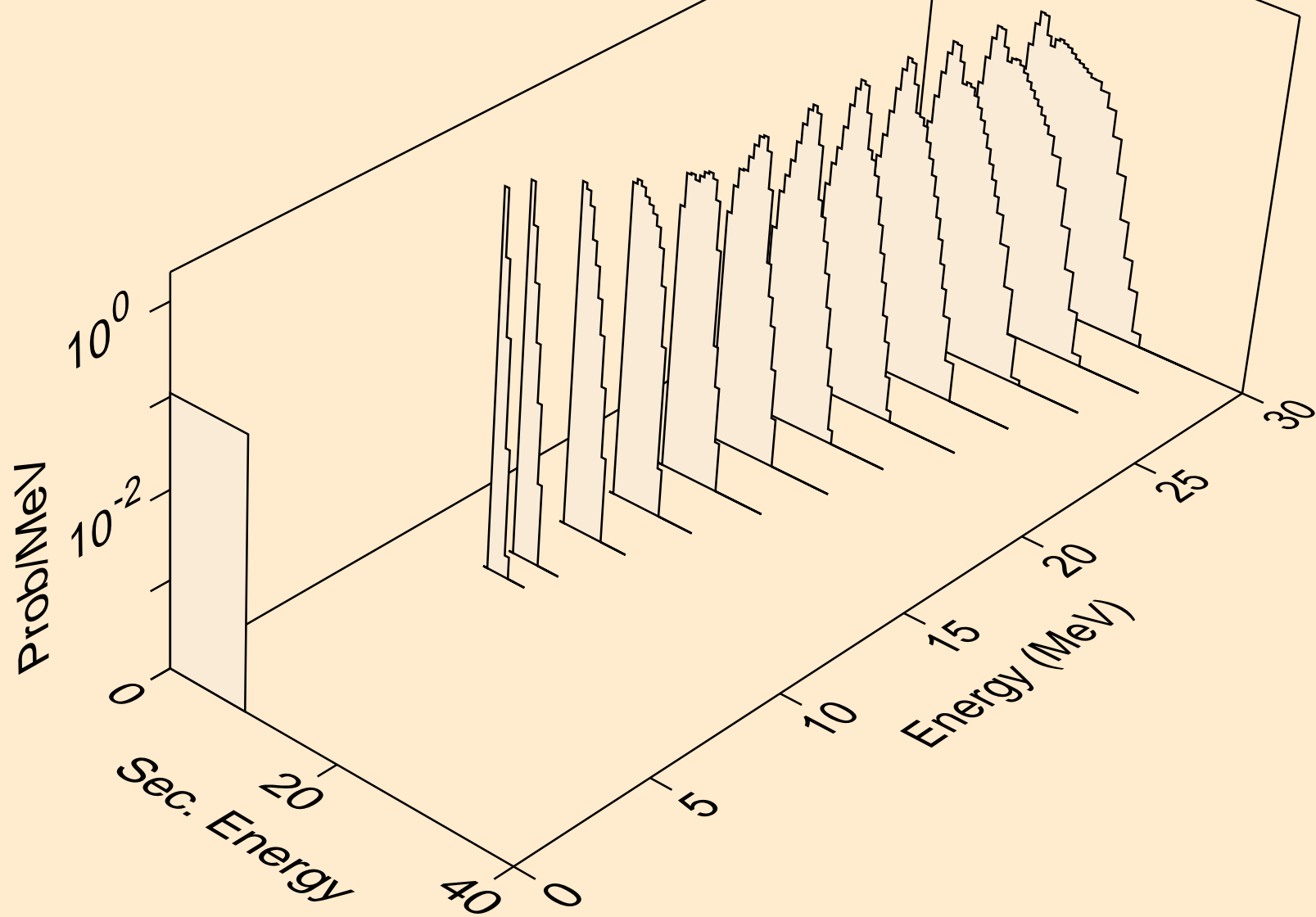
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



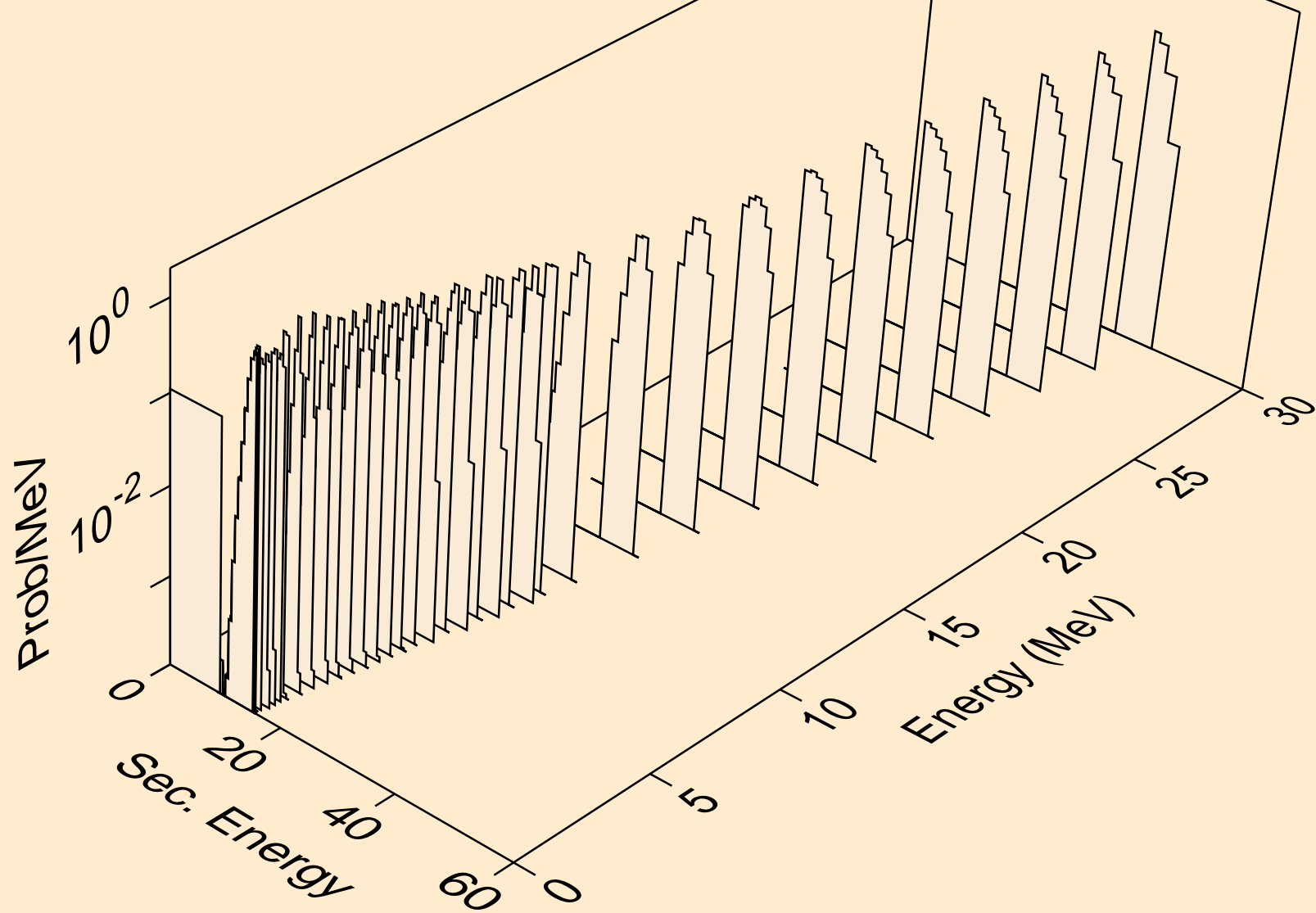
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



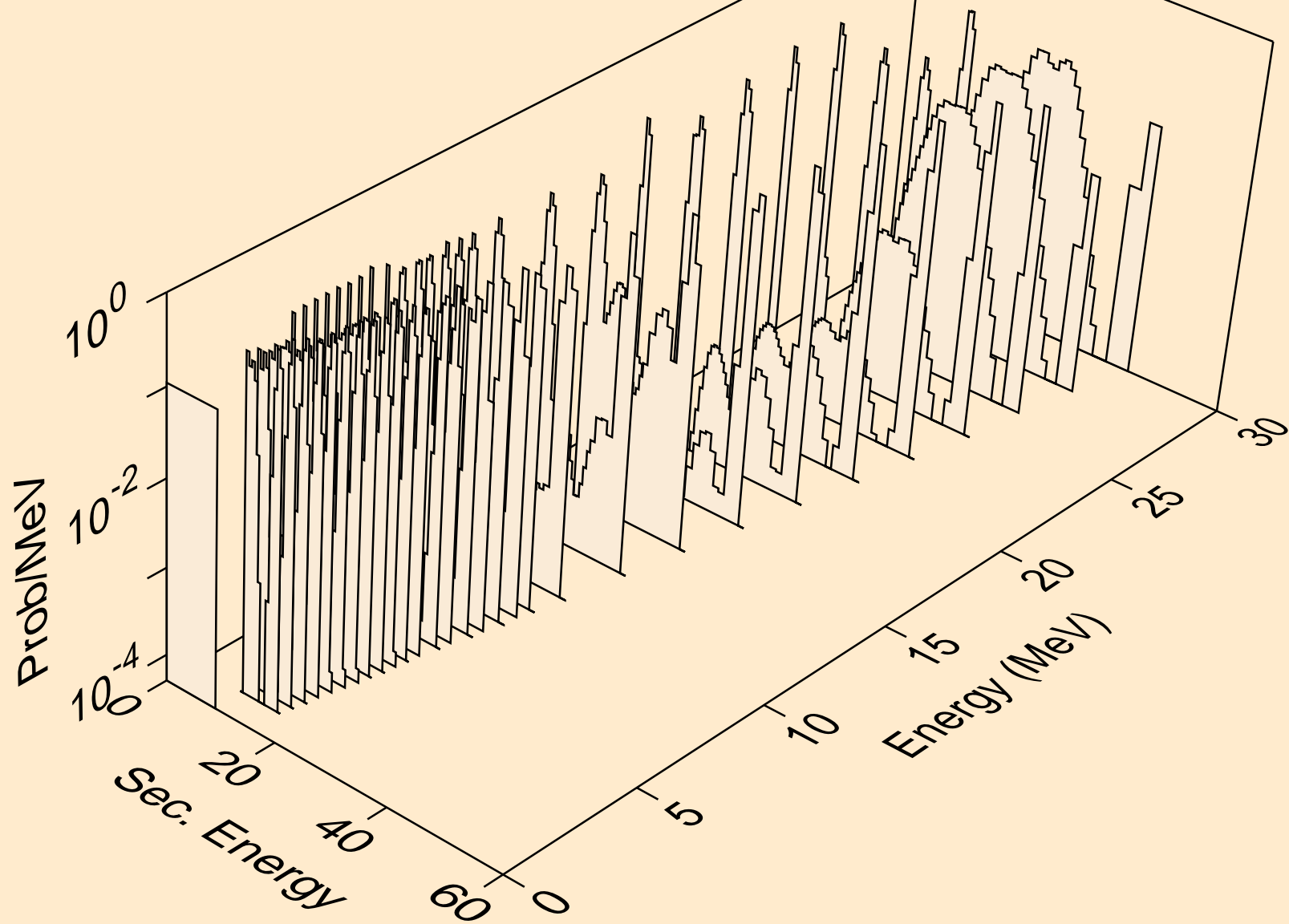
MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)



MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



MT278 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)

