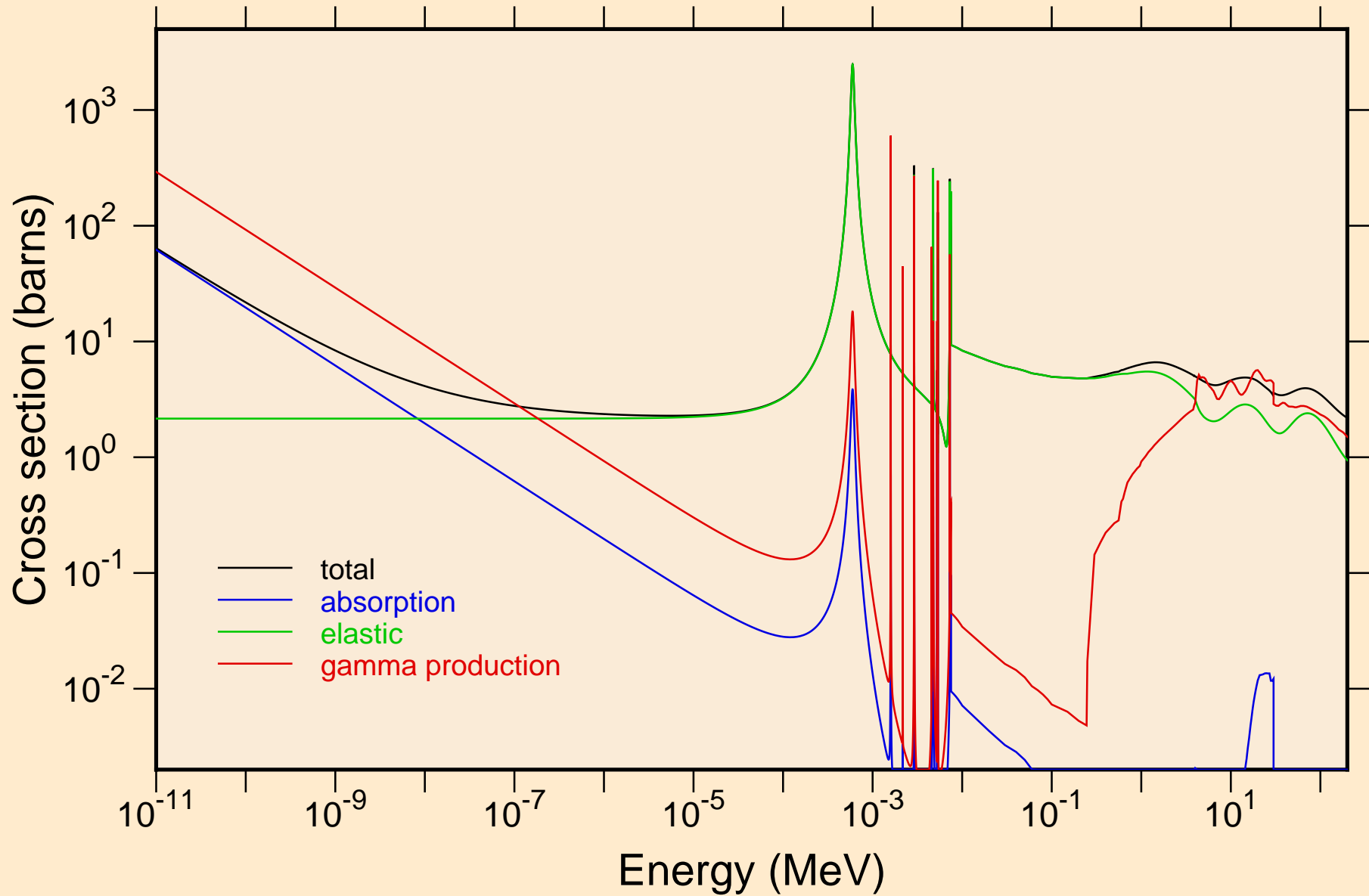
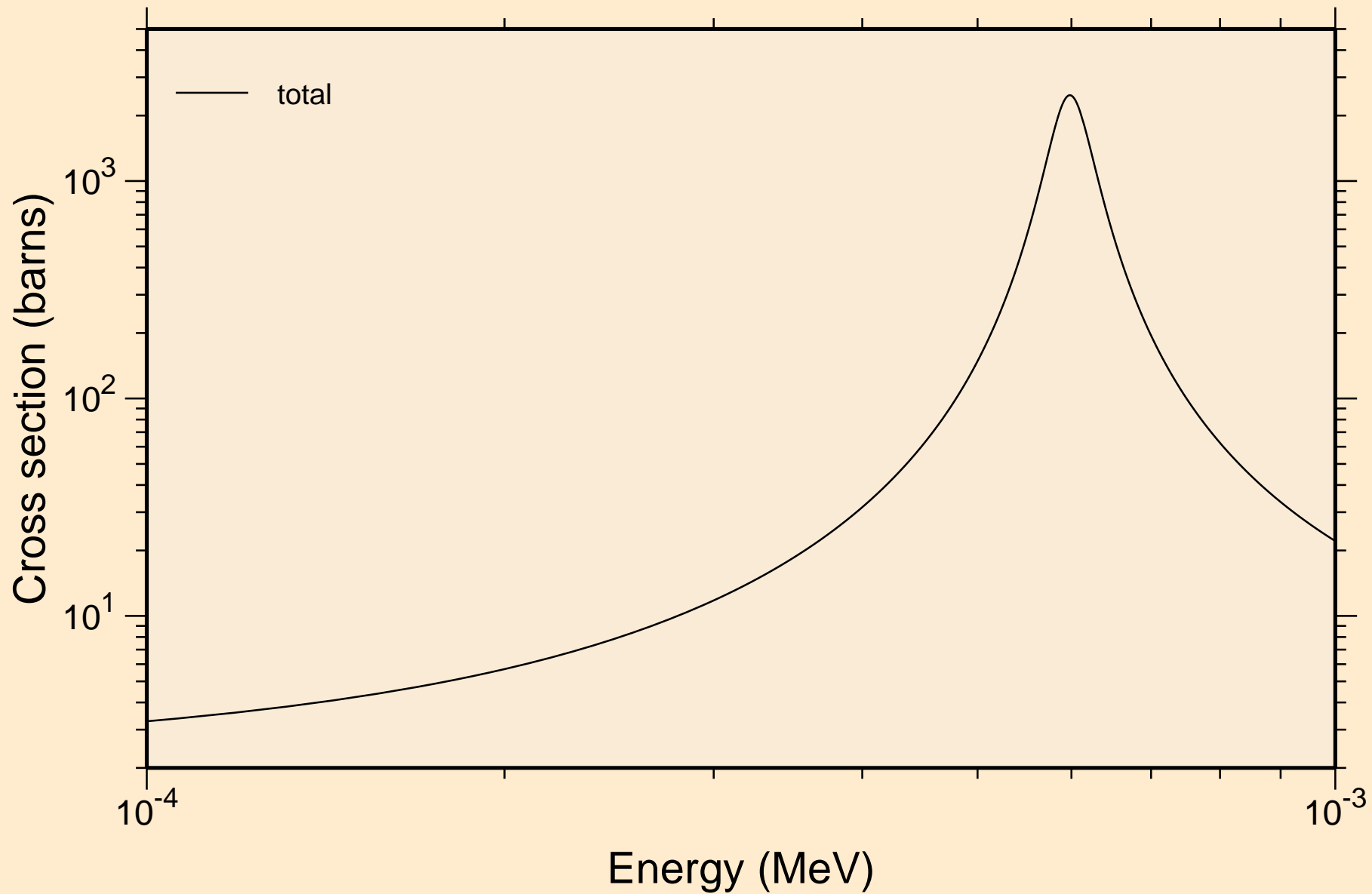


# I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

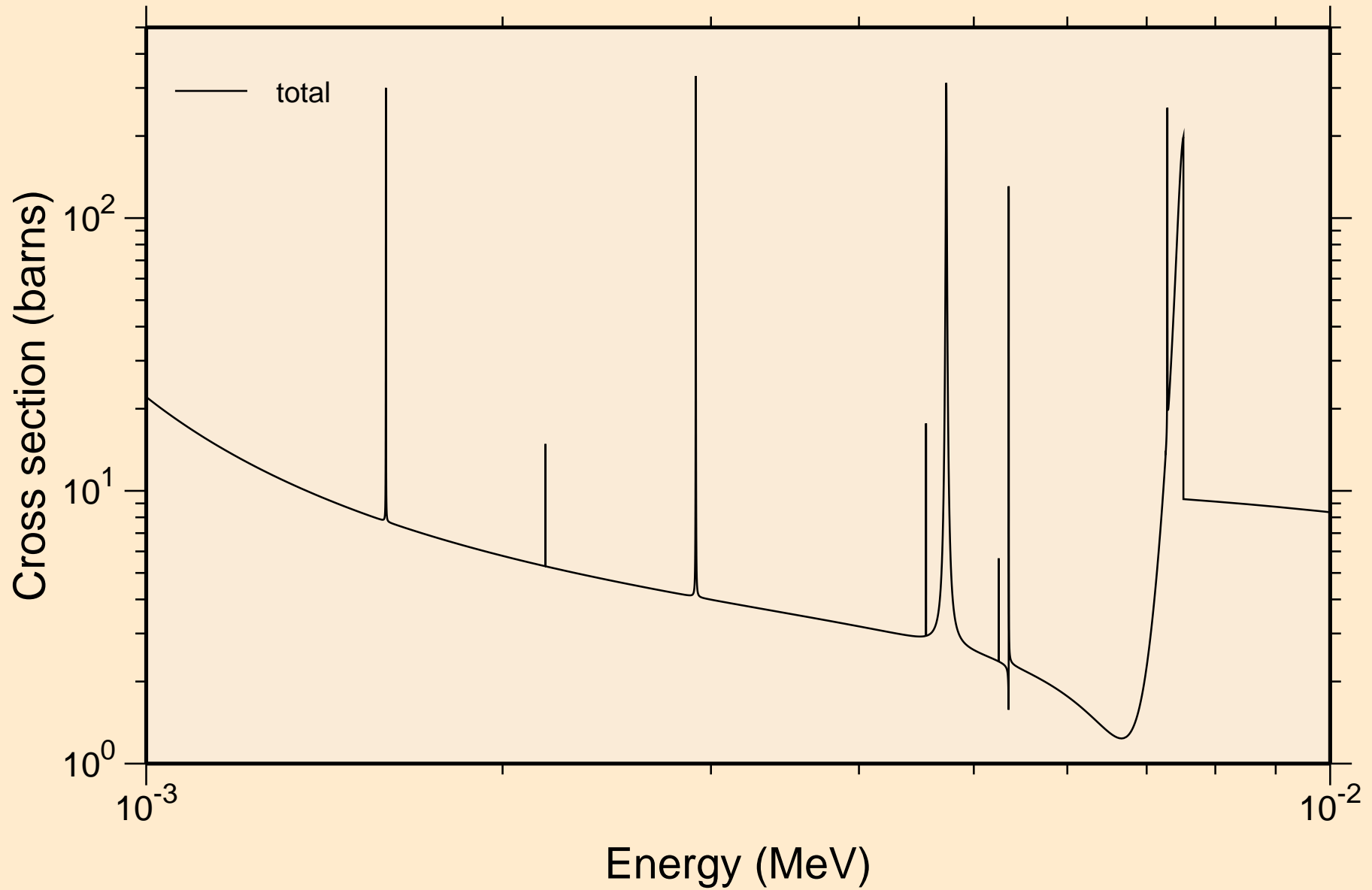
## Principal cross sections



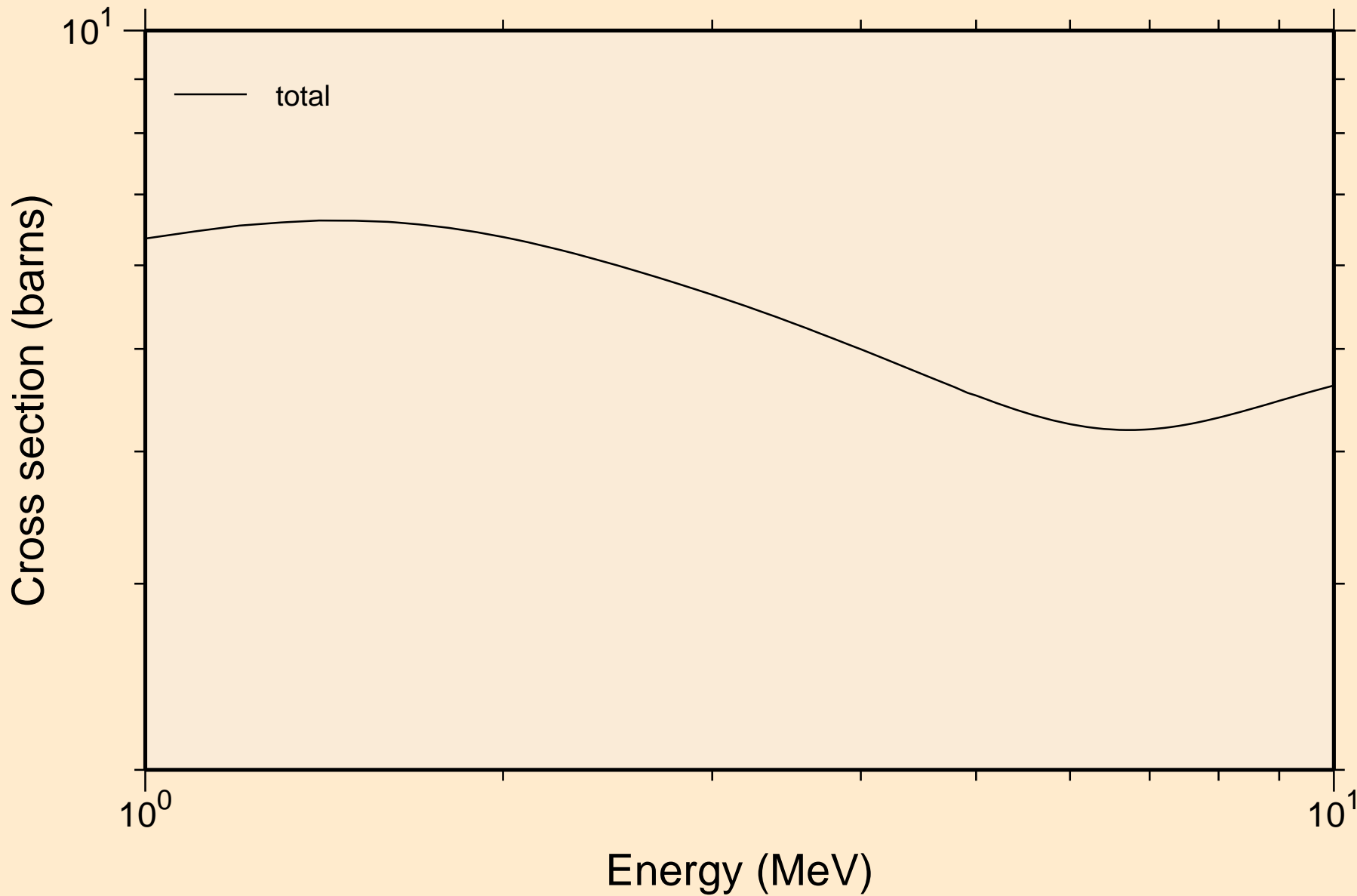
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



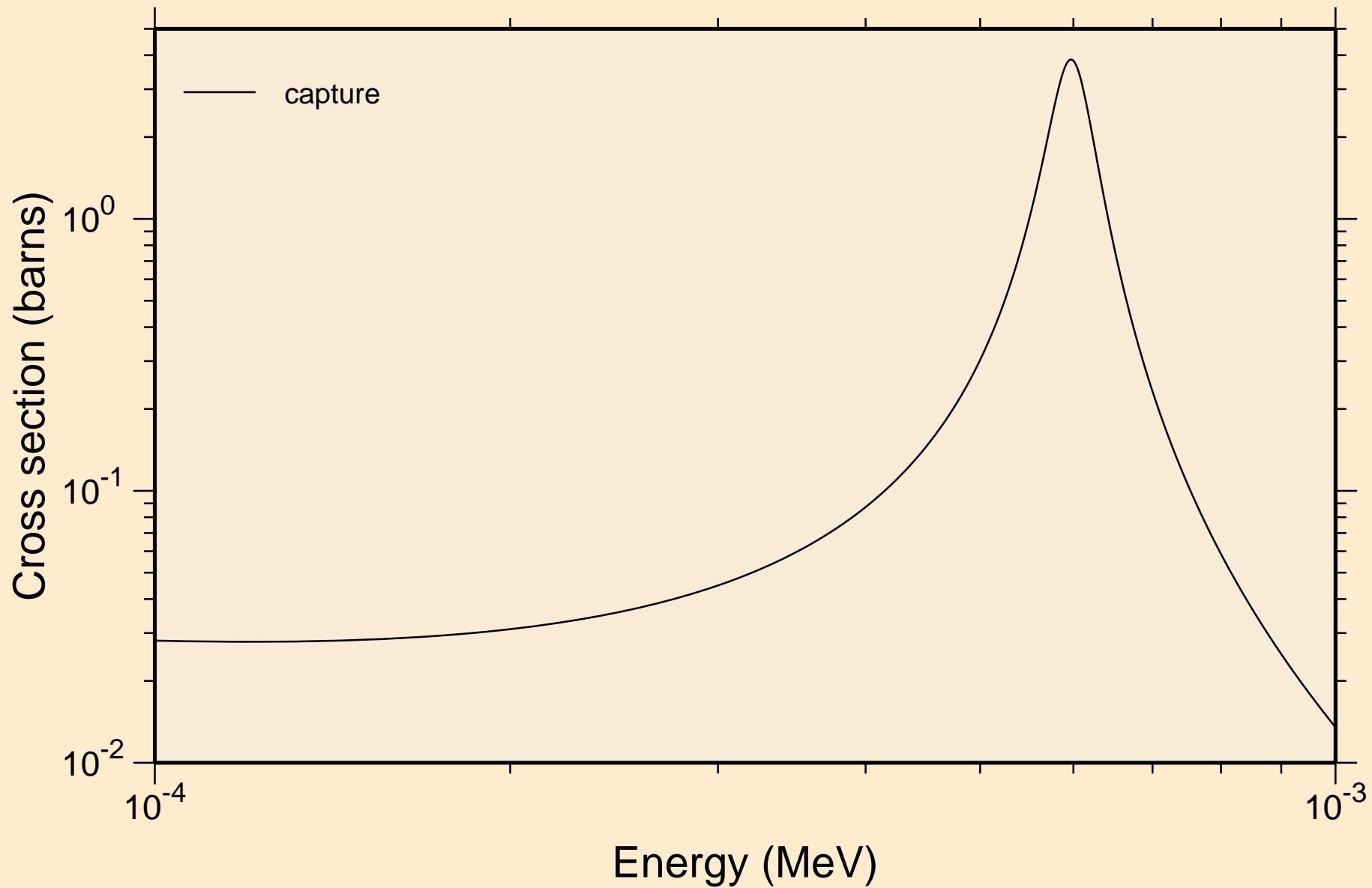
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



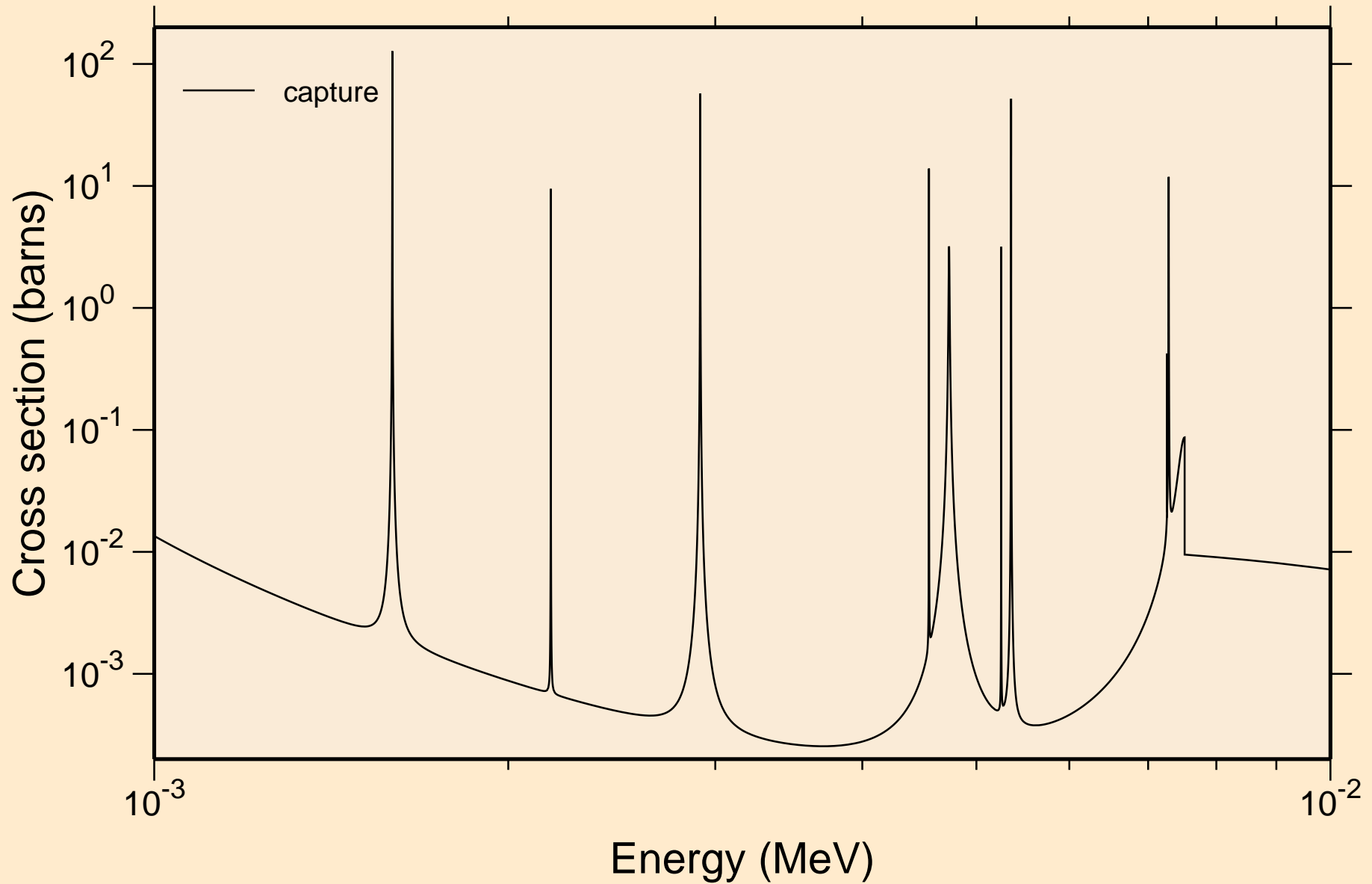
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resonance total cross section



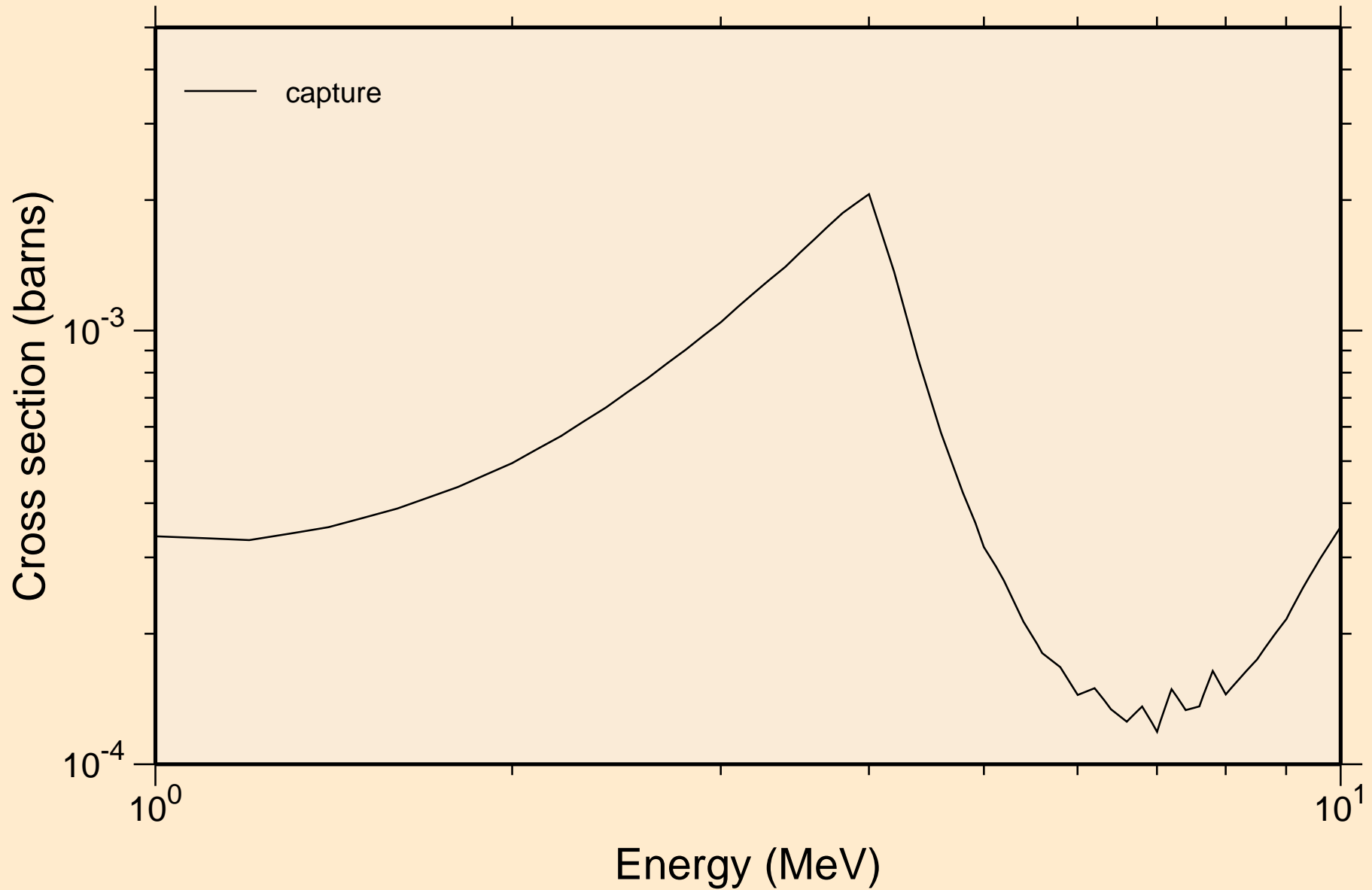
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

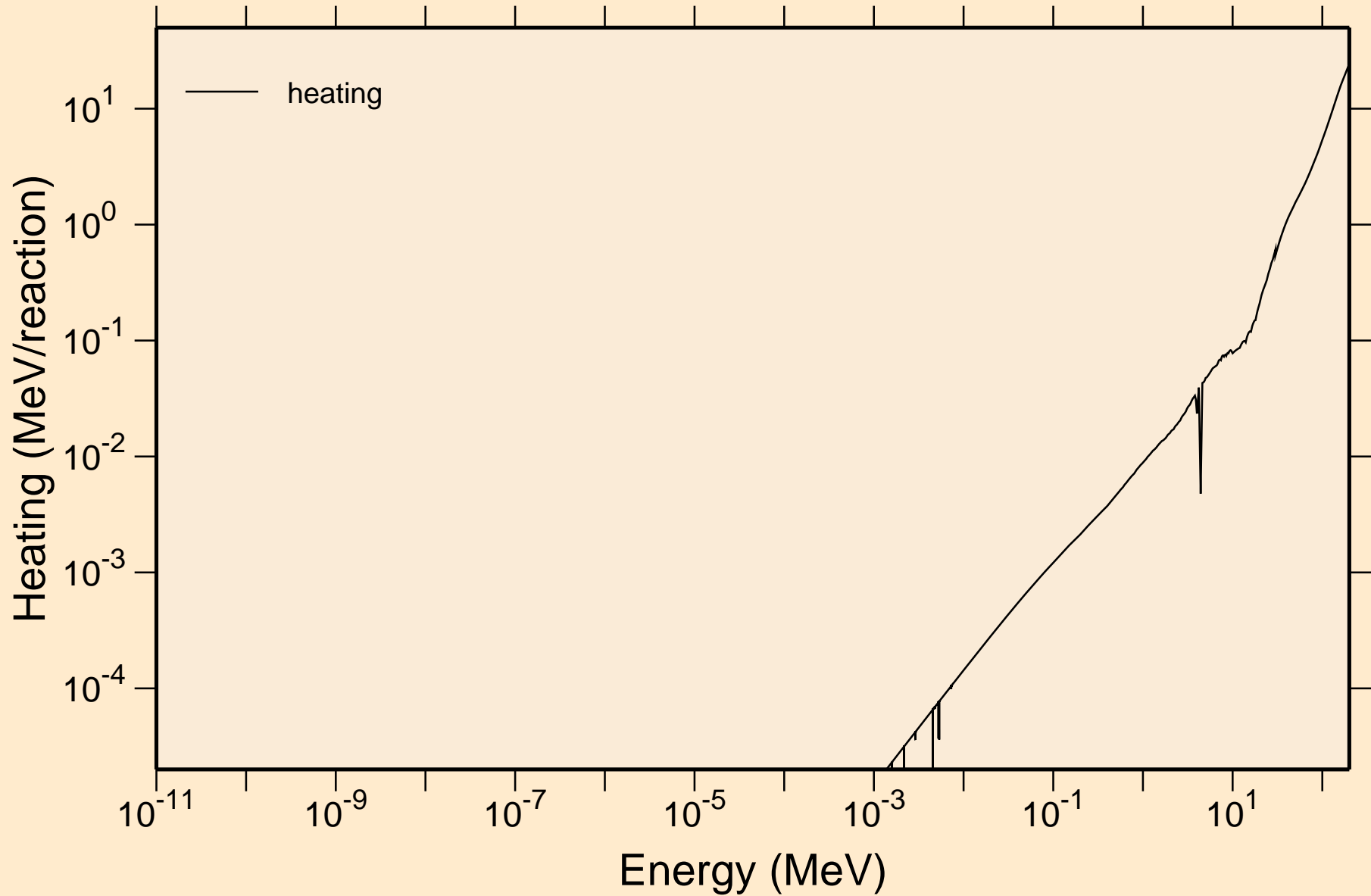


I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



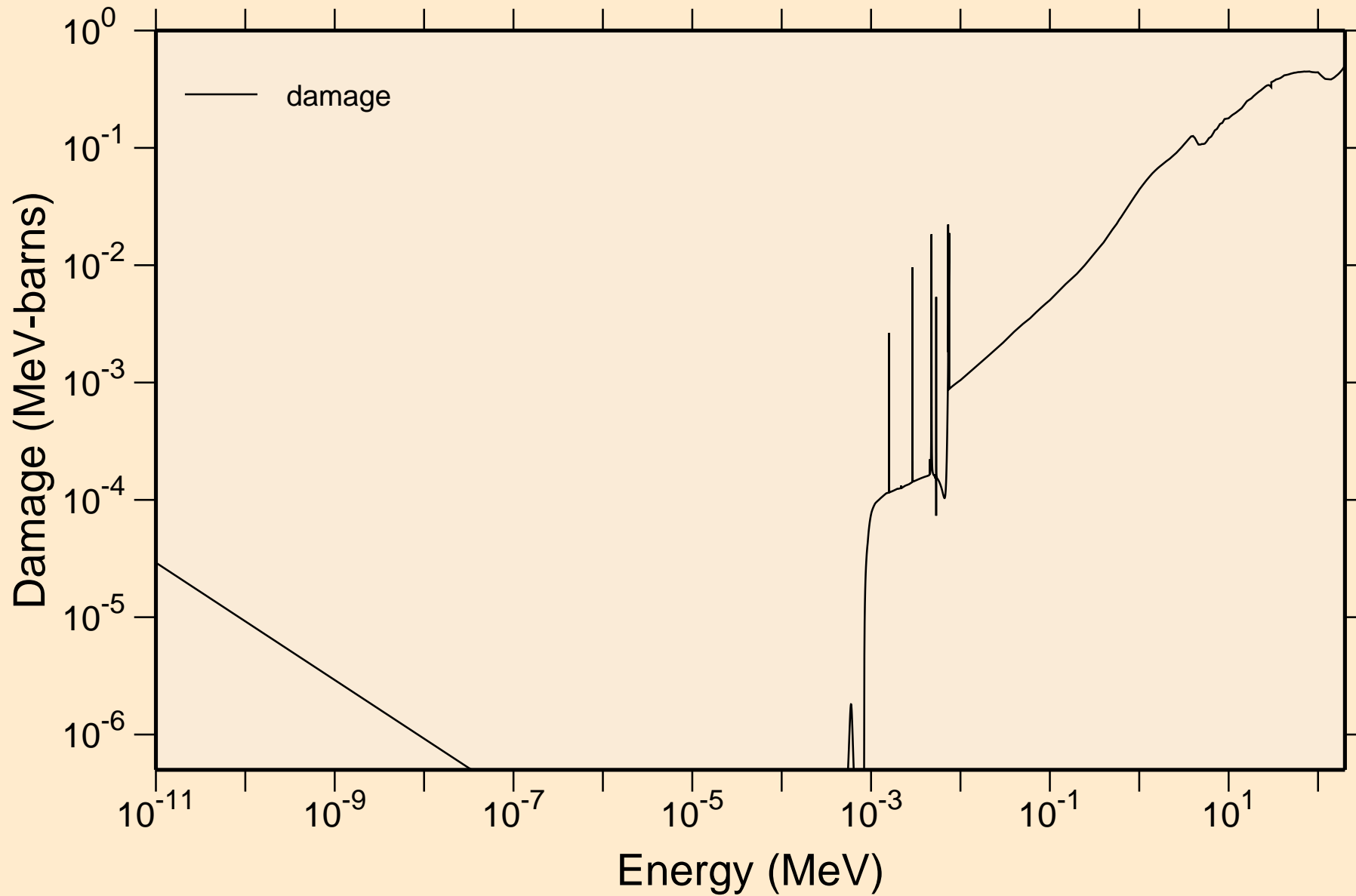
# I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

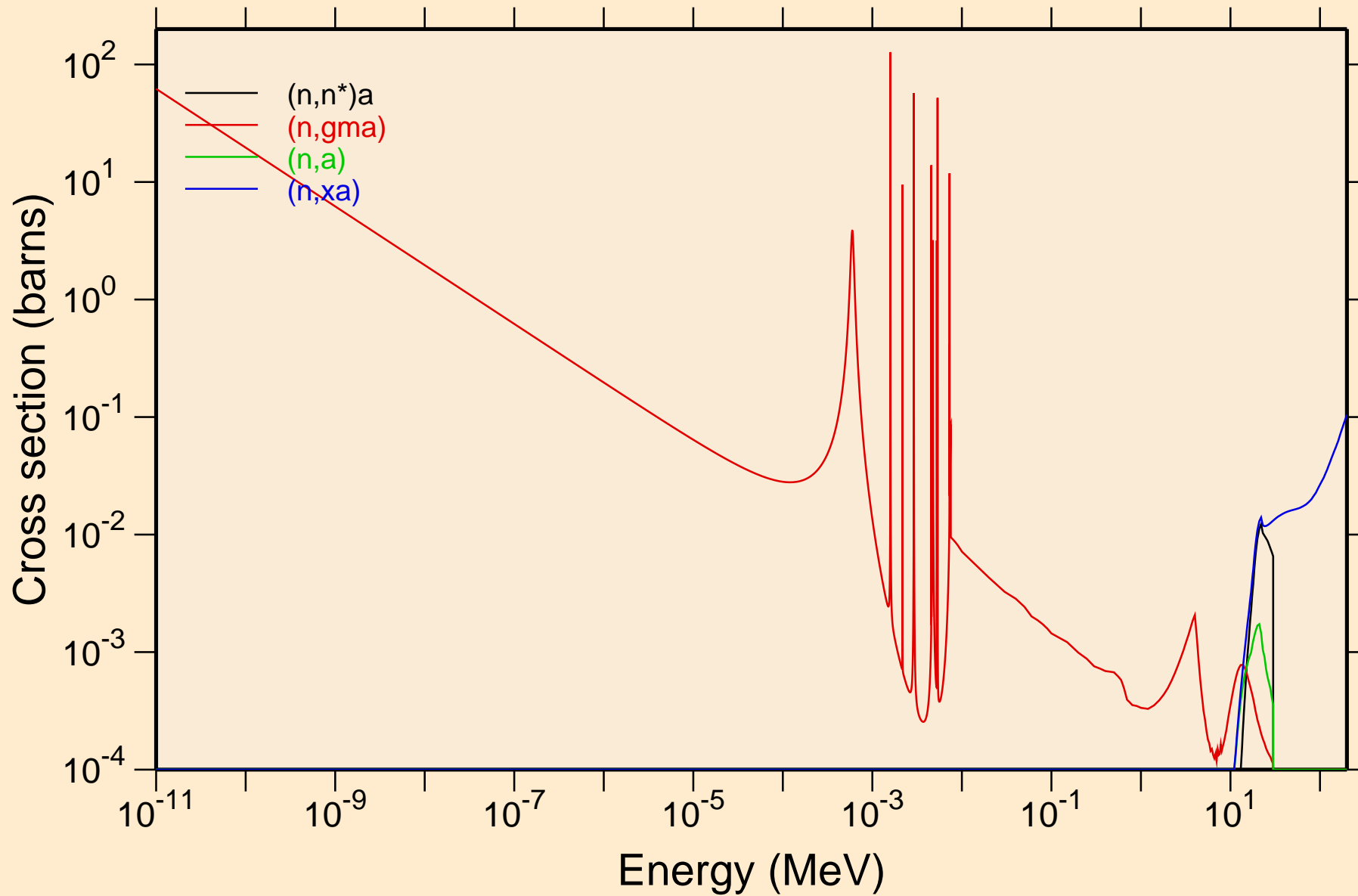


# I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

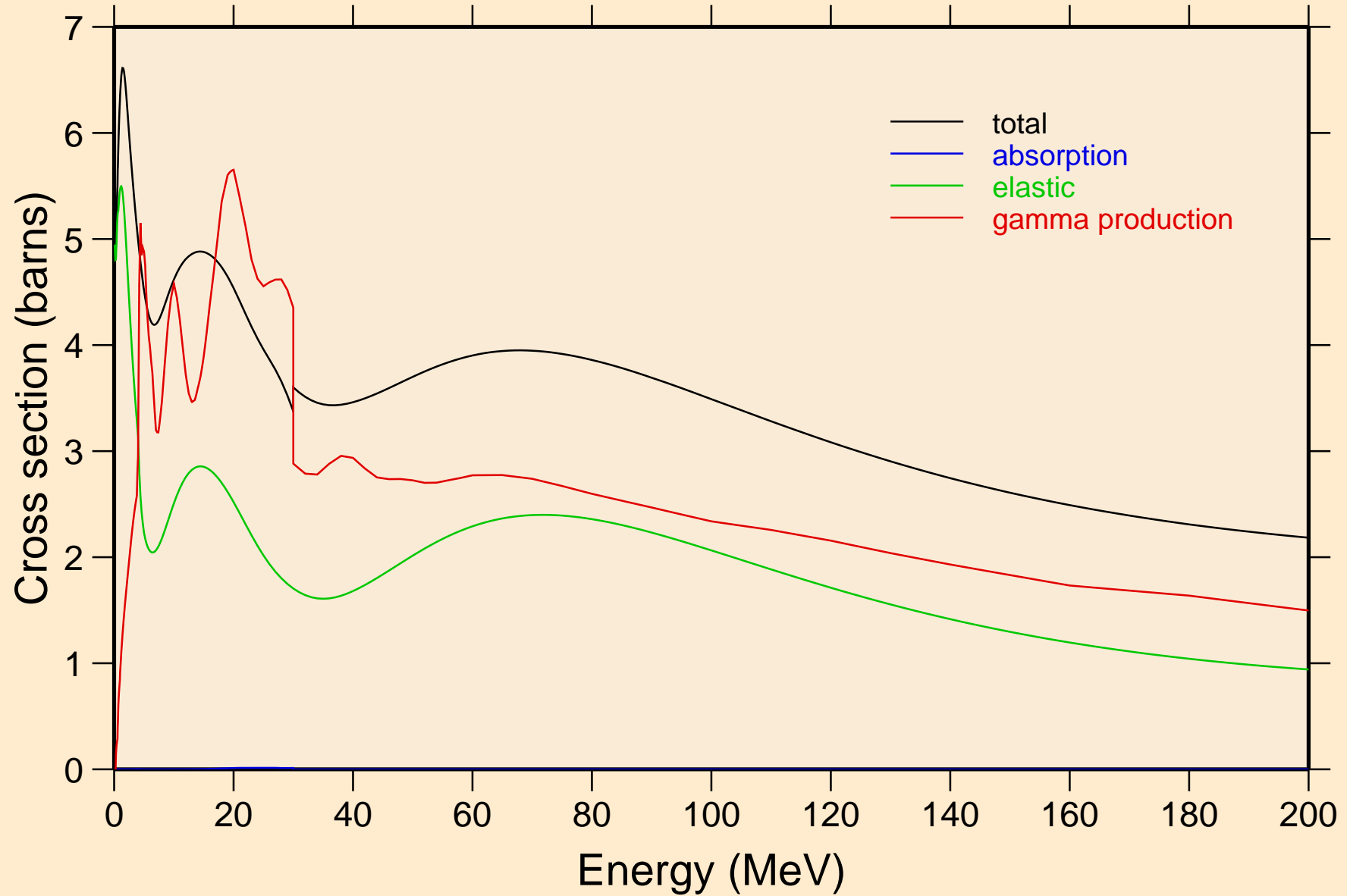


I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



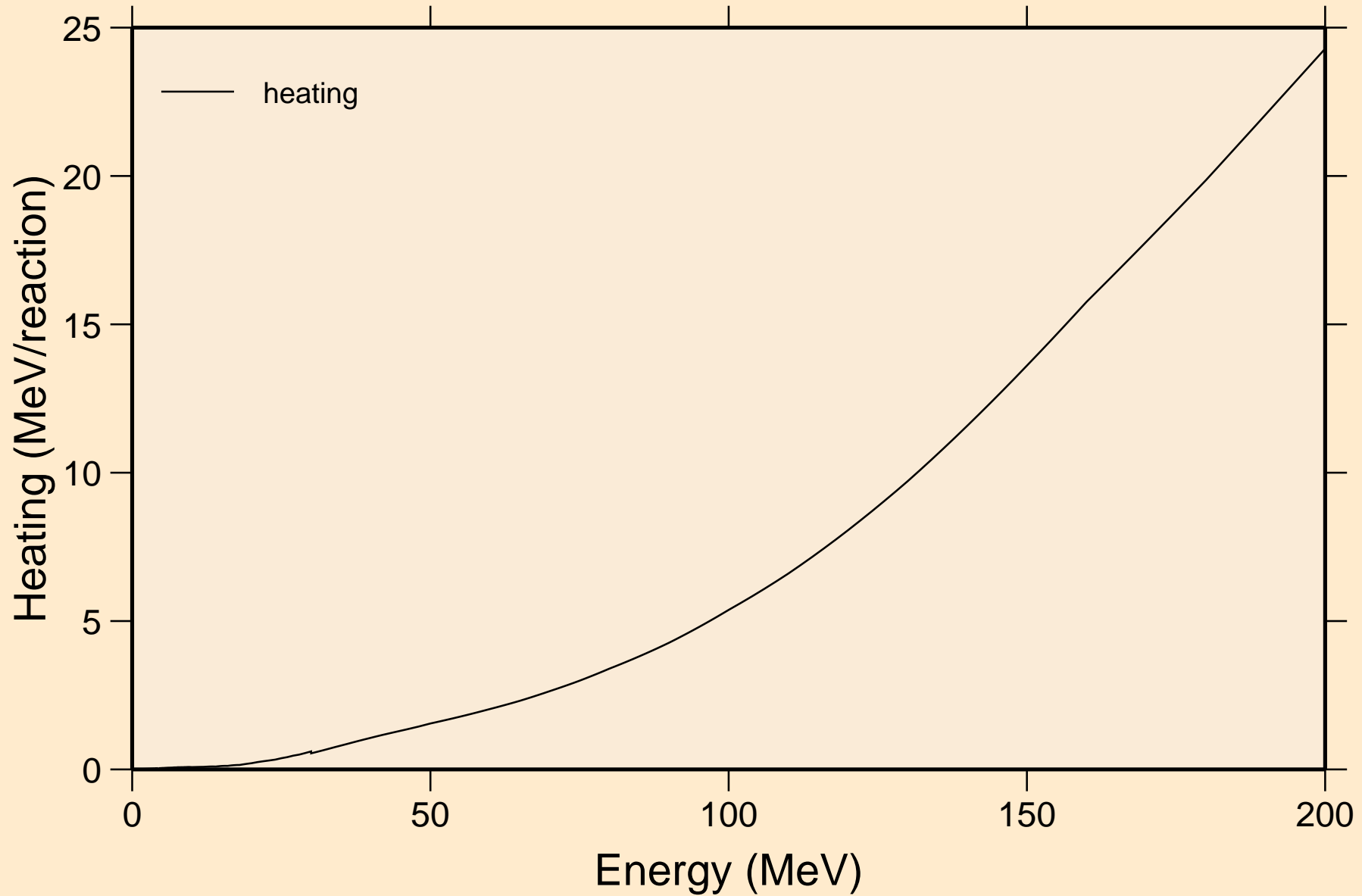
# I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



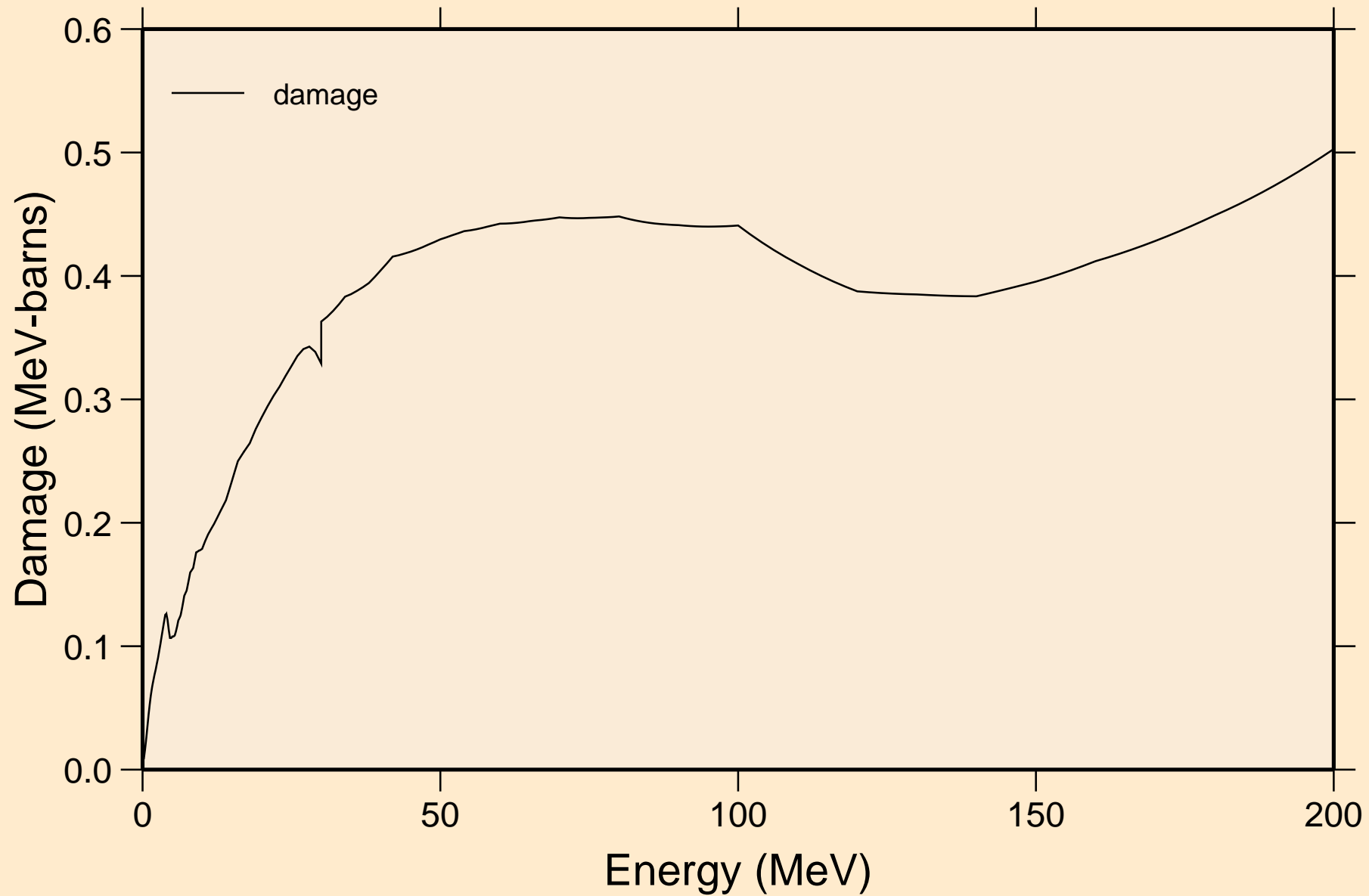
# I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



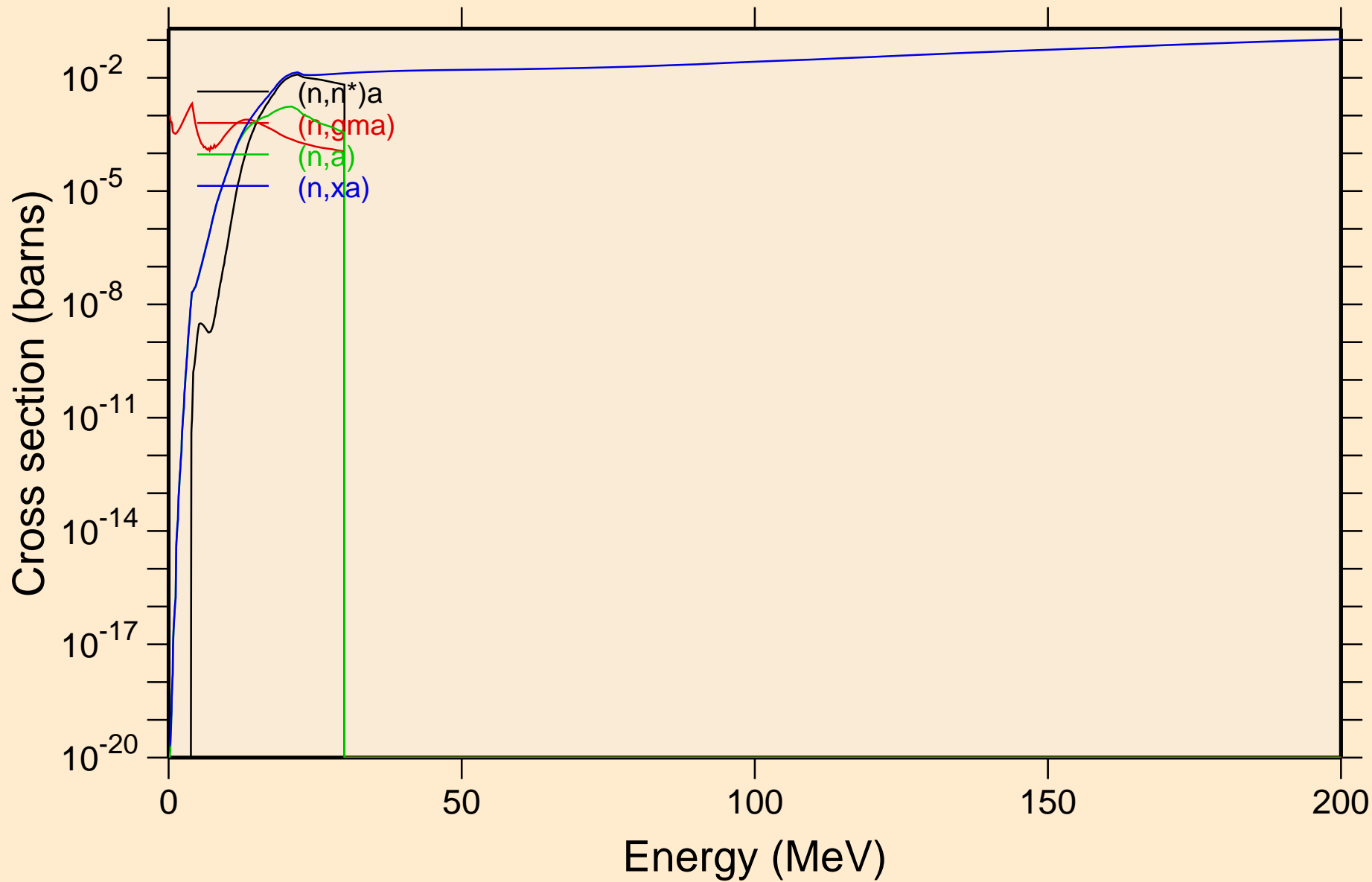
# I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

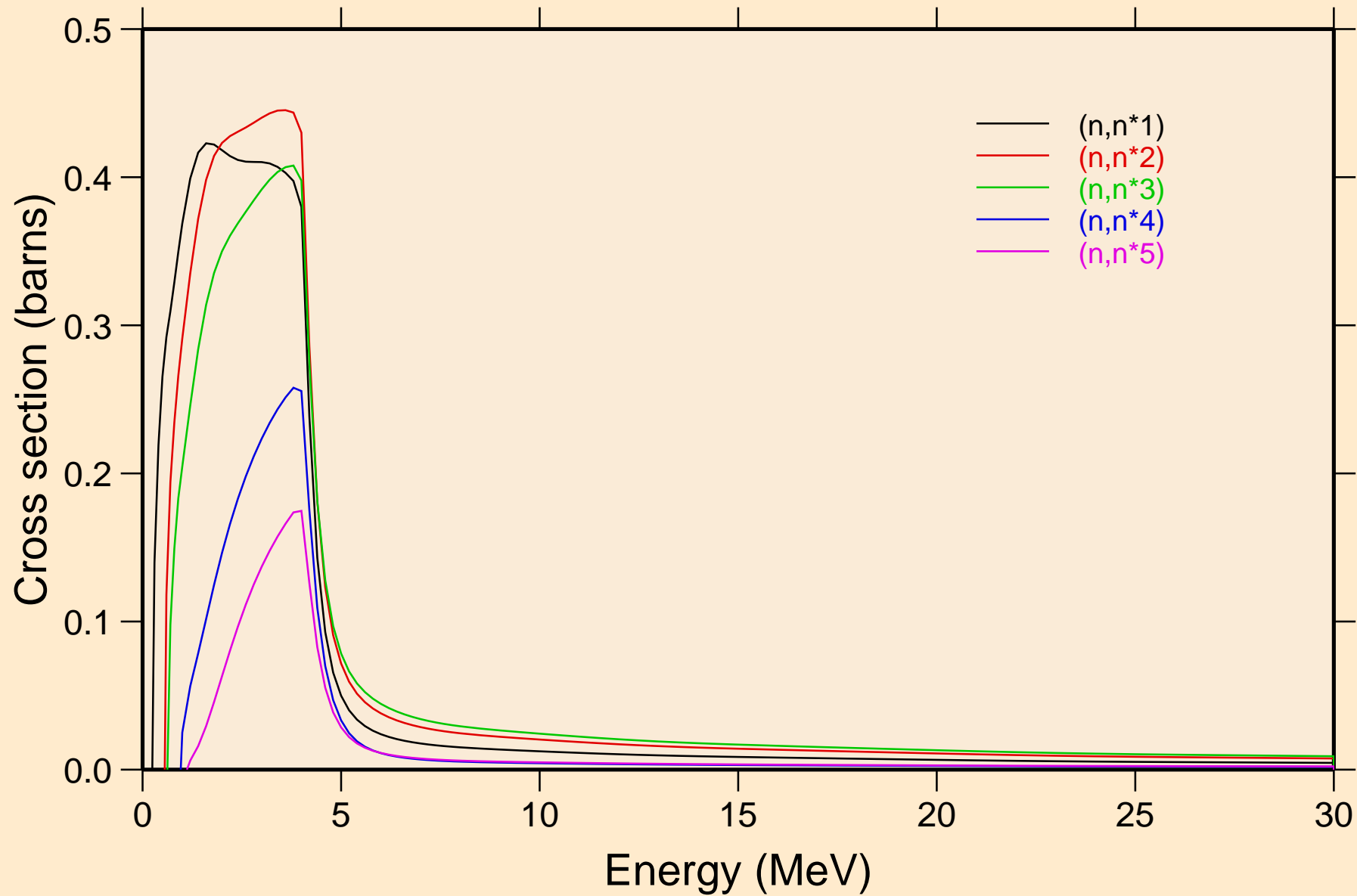


# I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

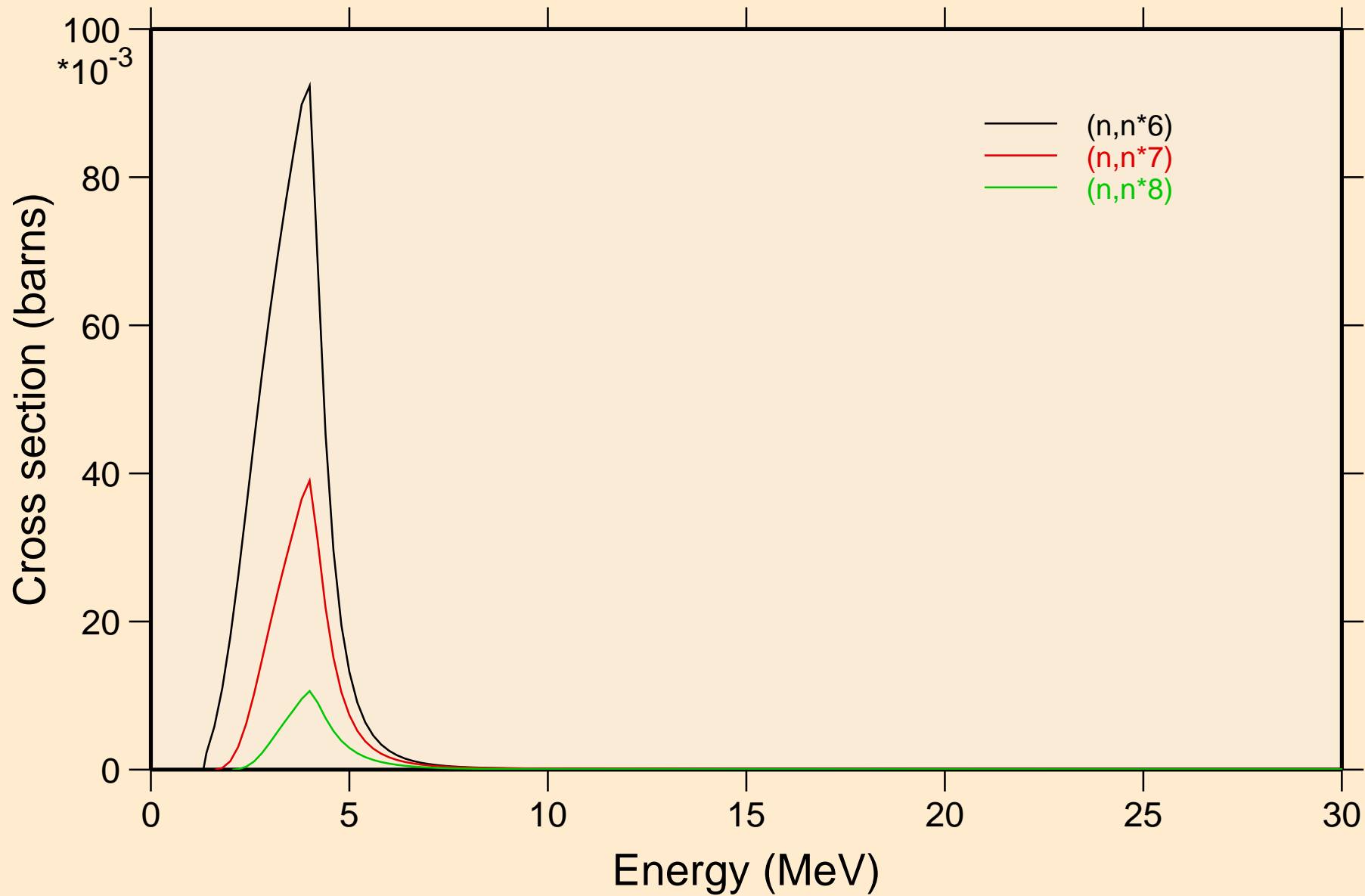
## Non-threshold reactions



I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

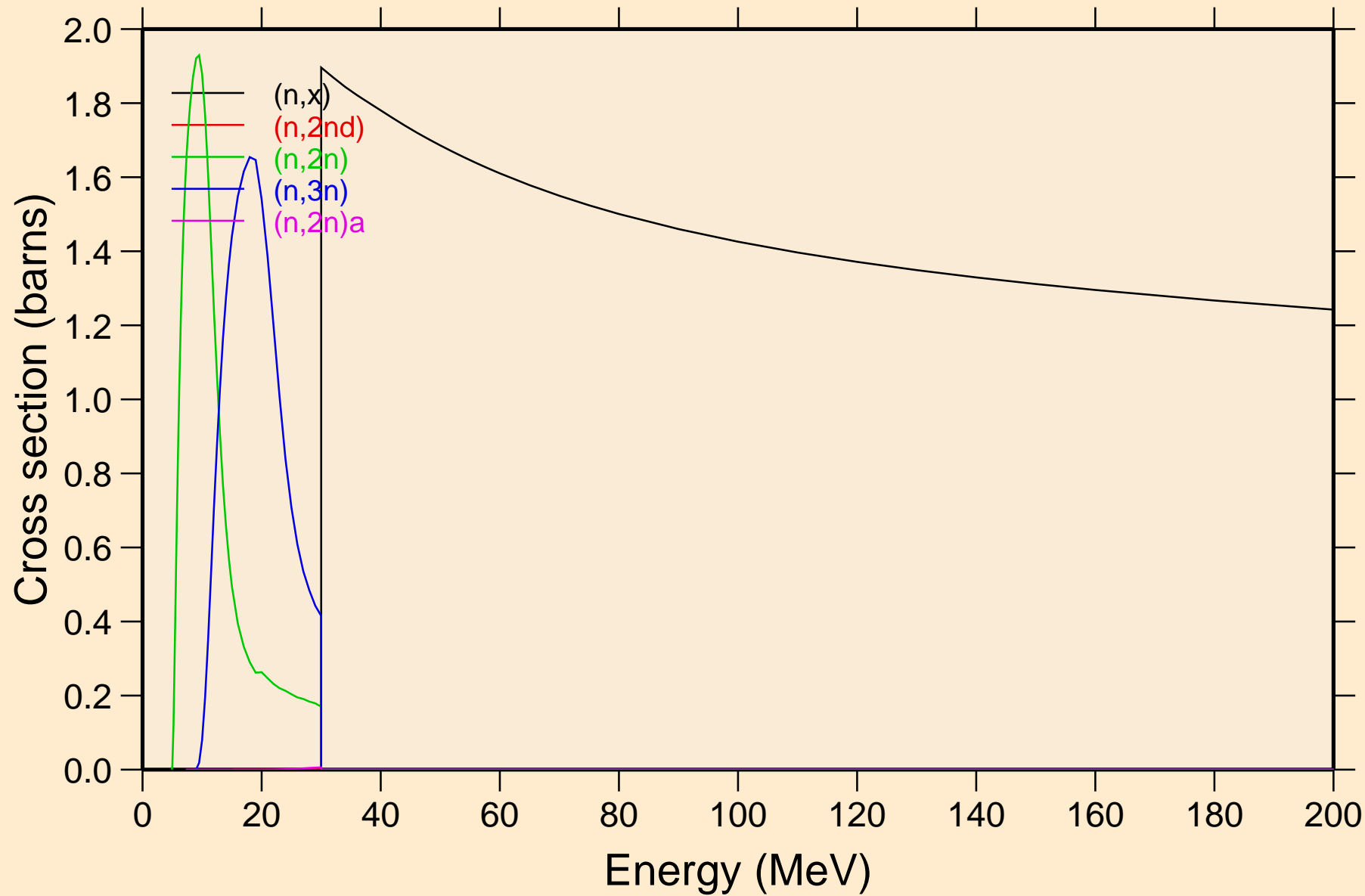


I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



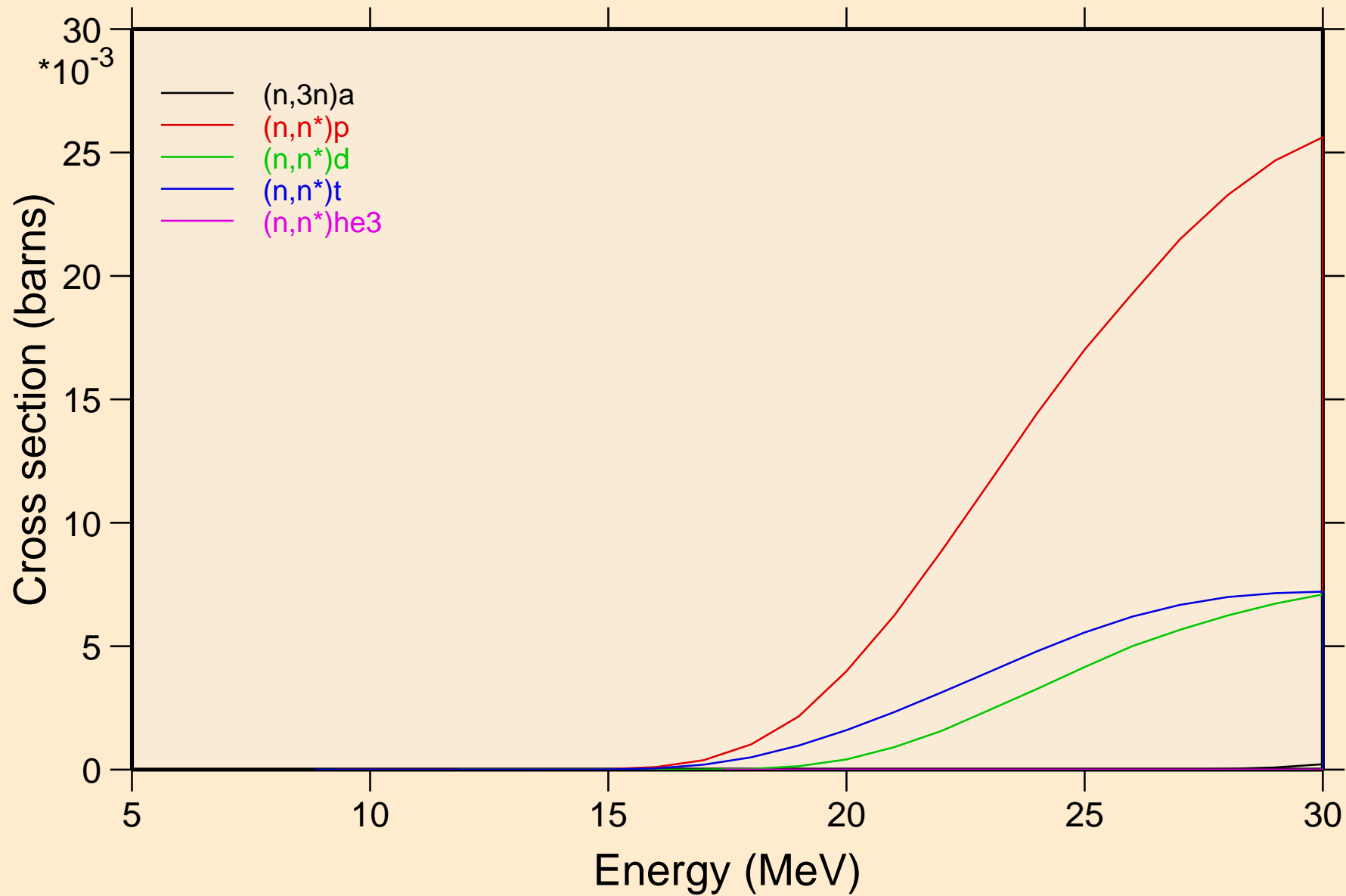
# I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



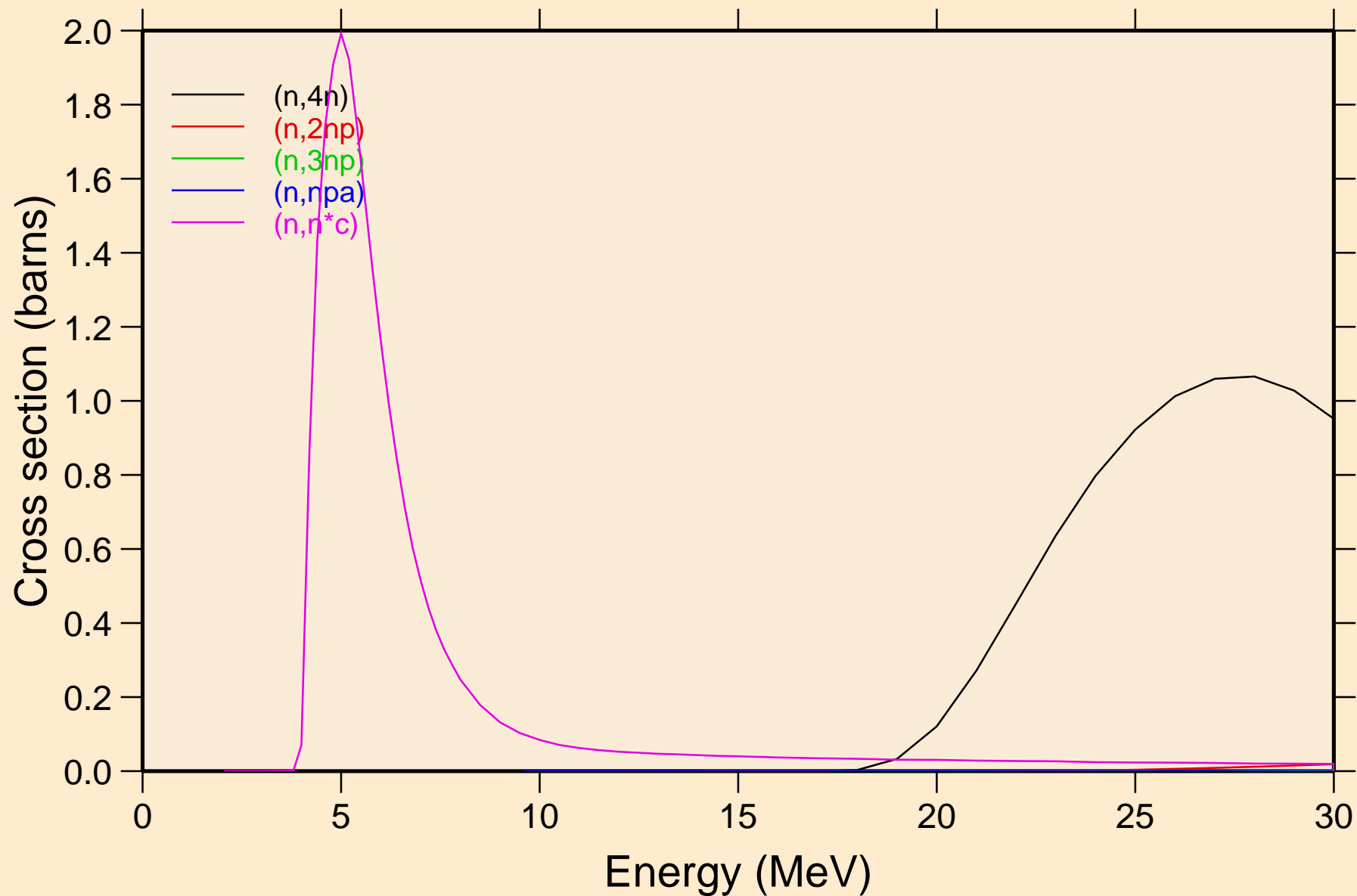
# I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



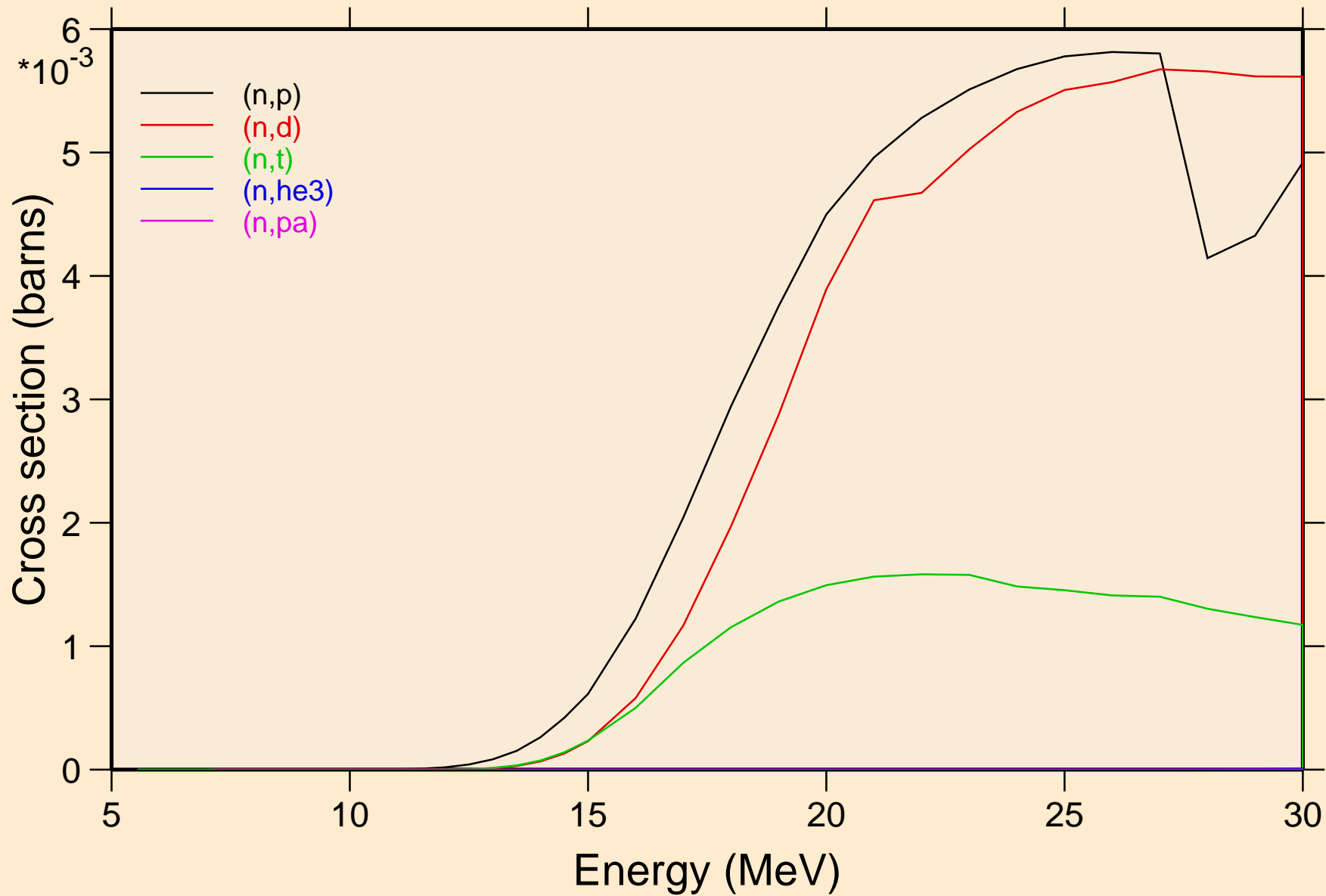
# I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

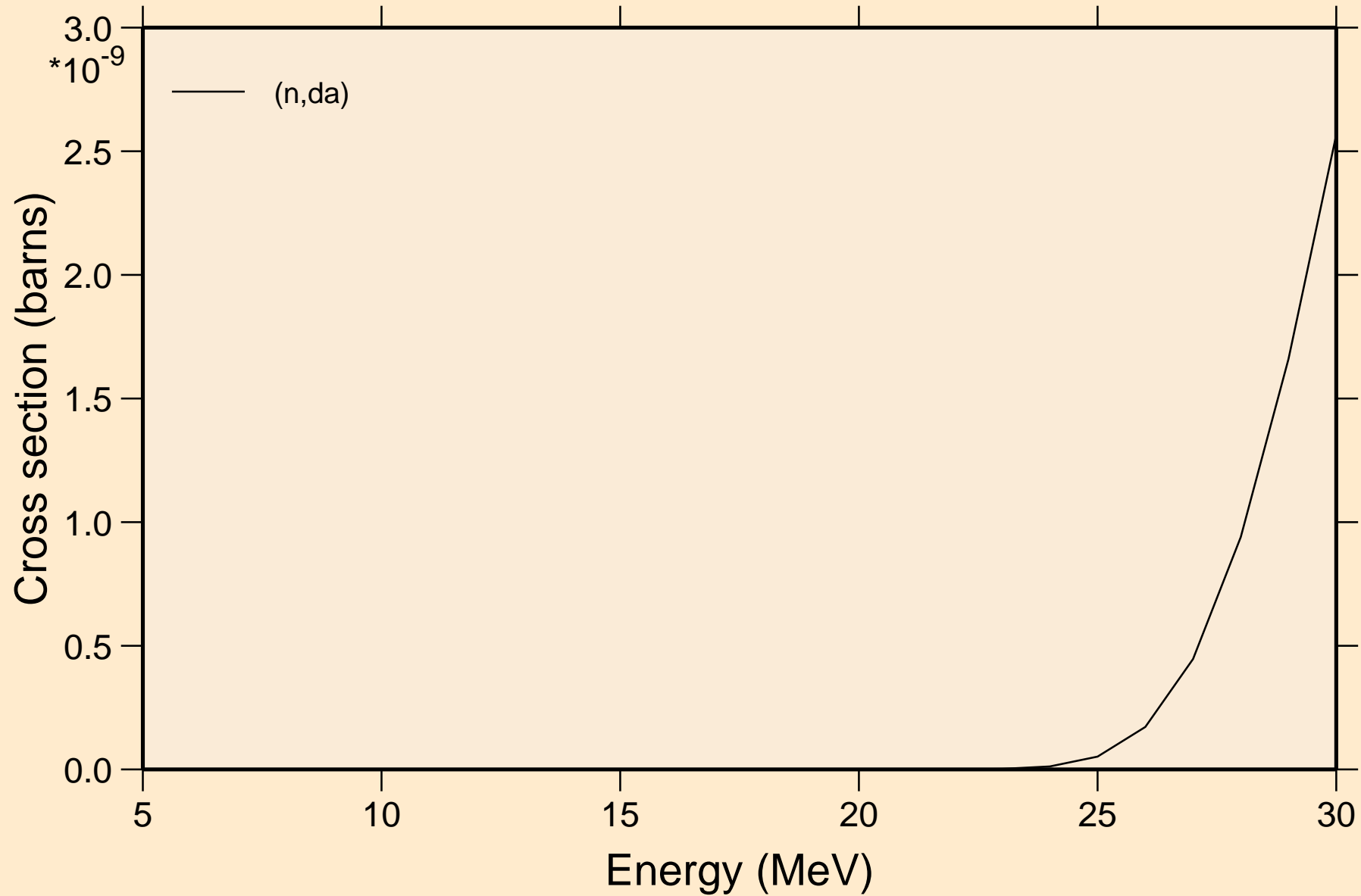


# I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

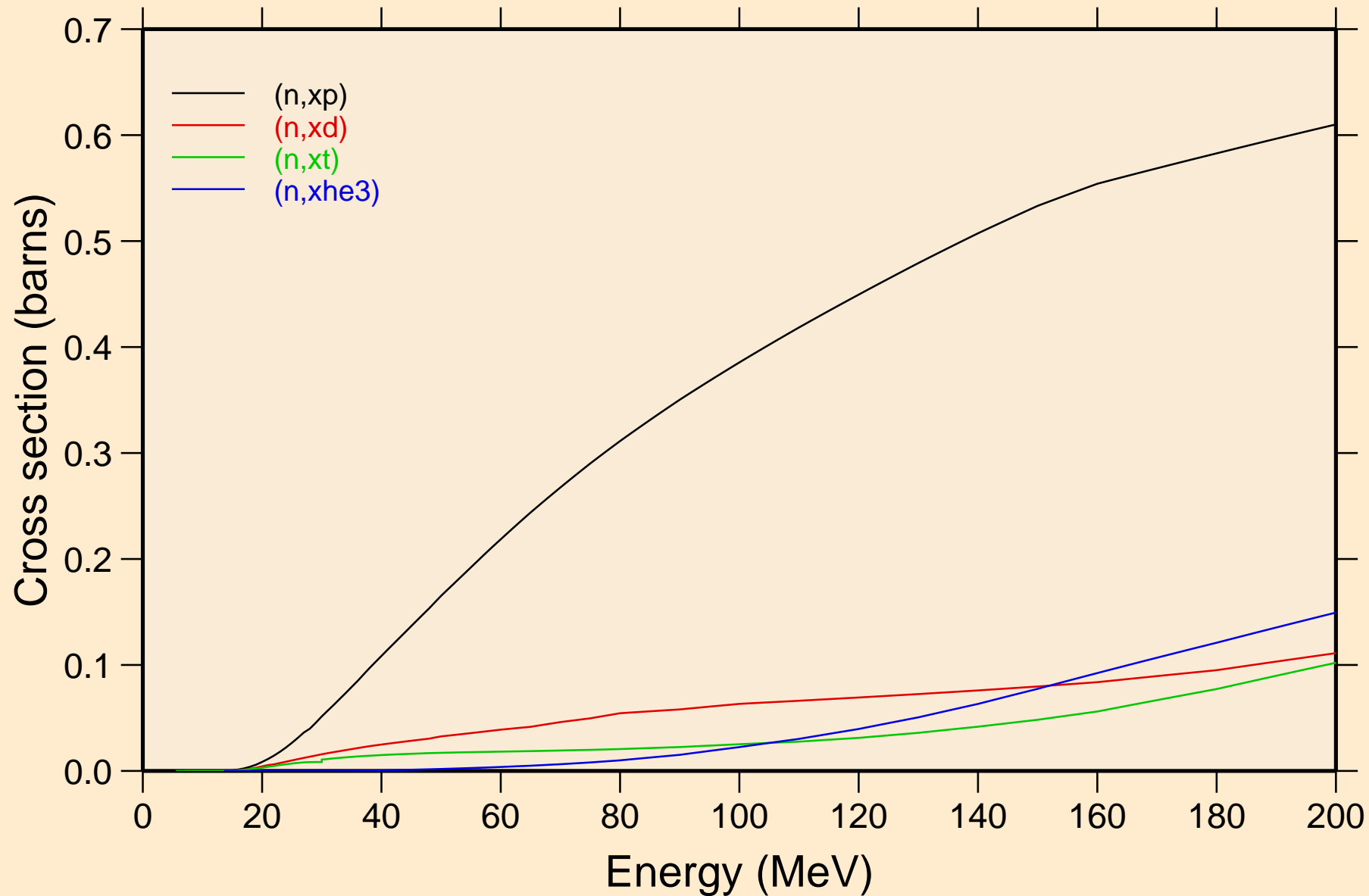


I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

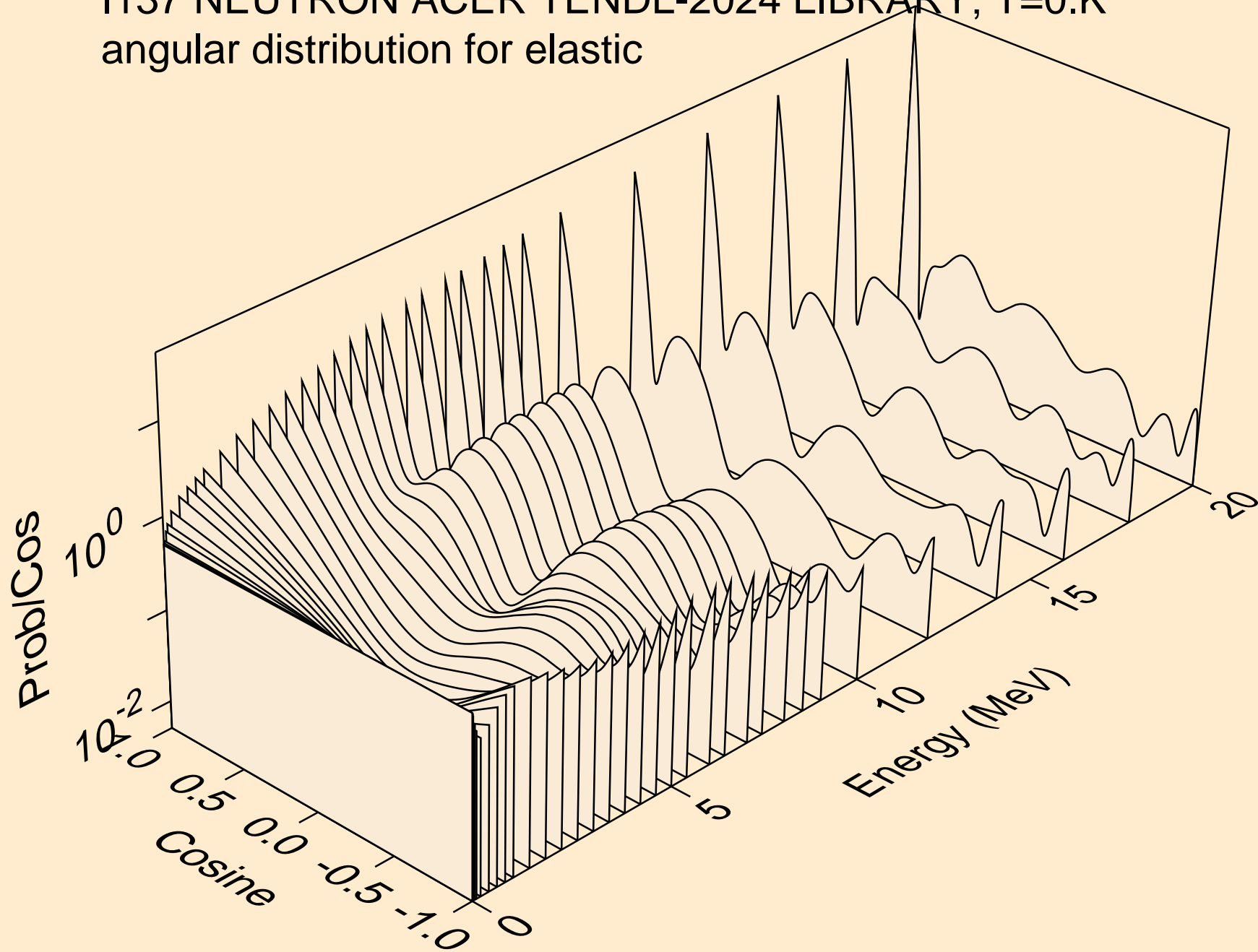


# I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

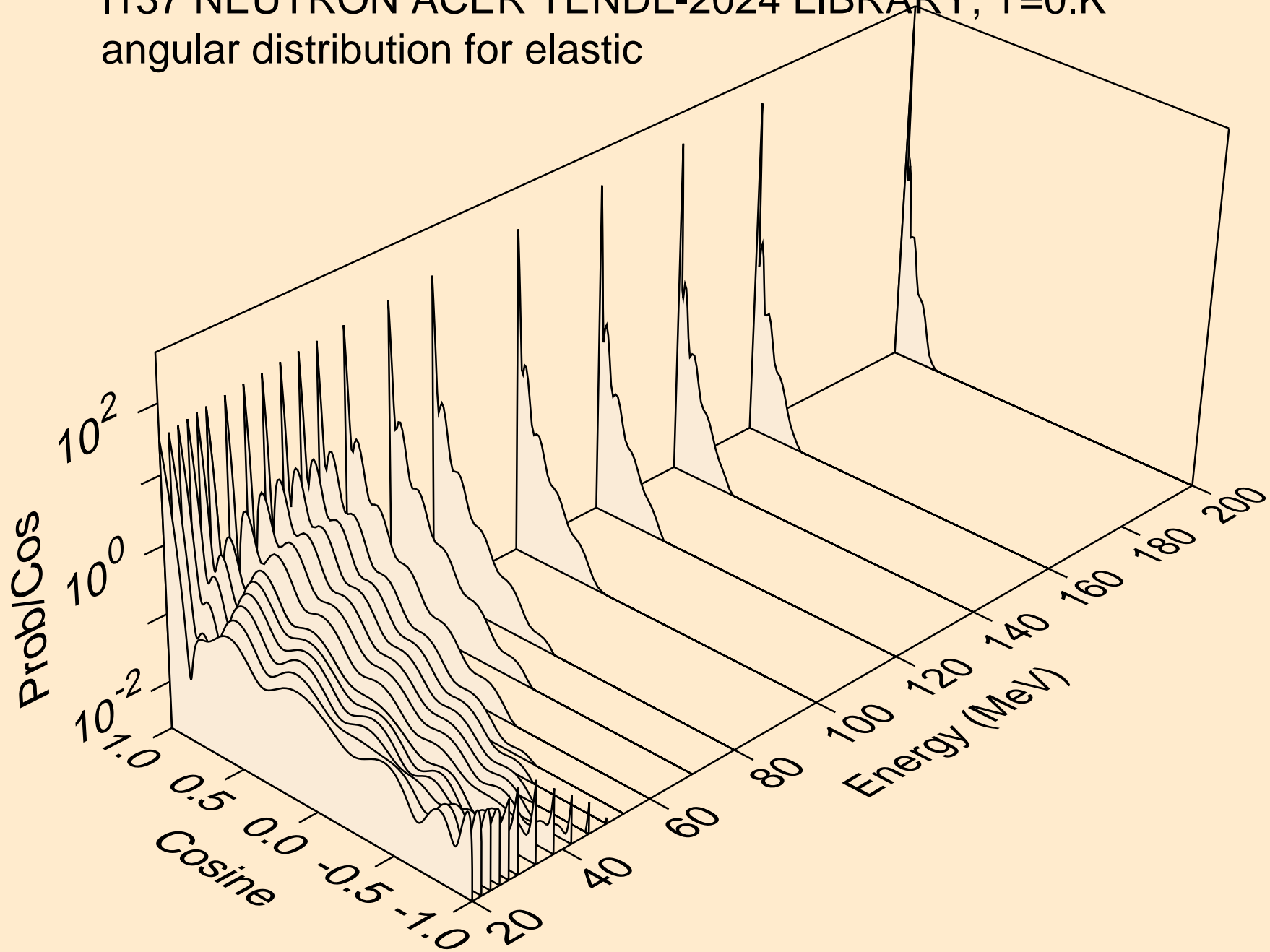
## Threshold reactions



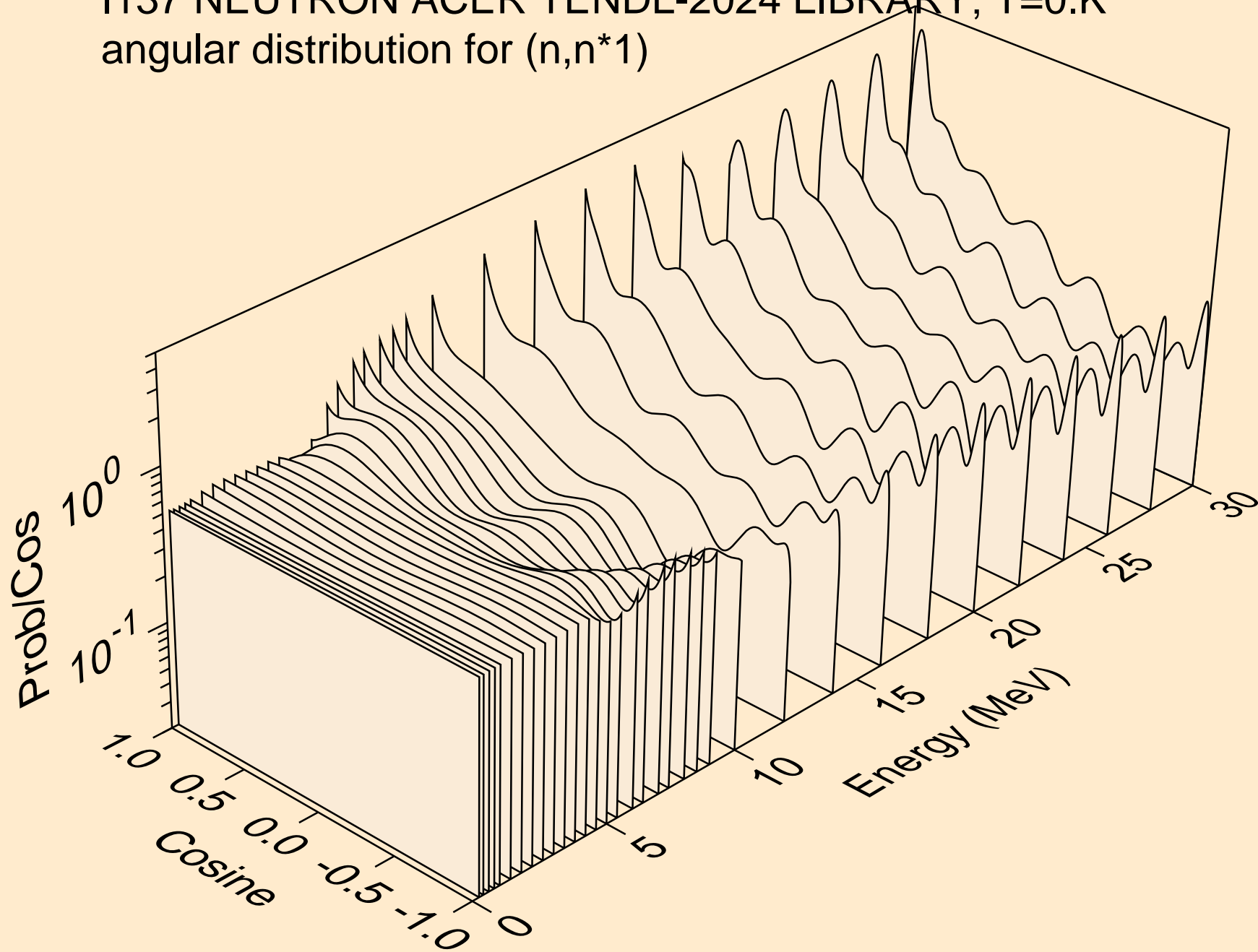
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



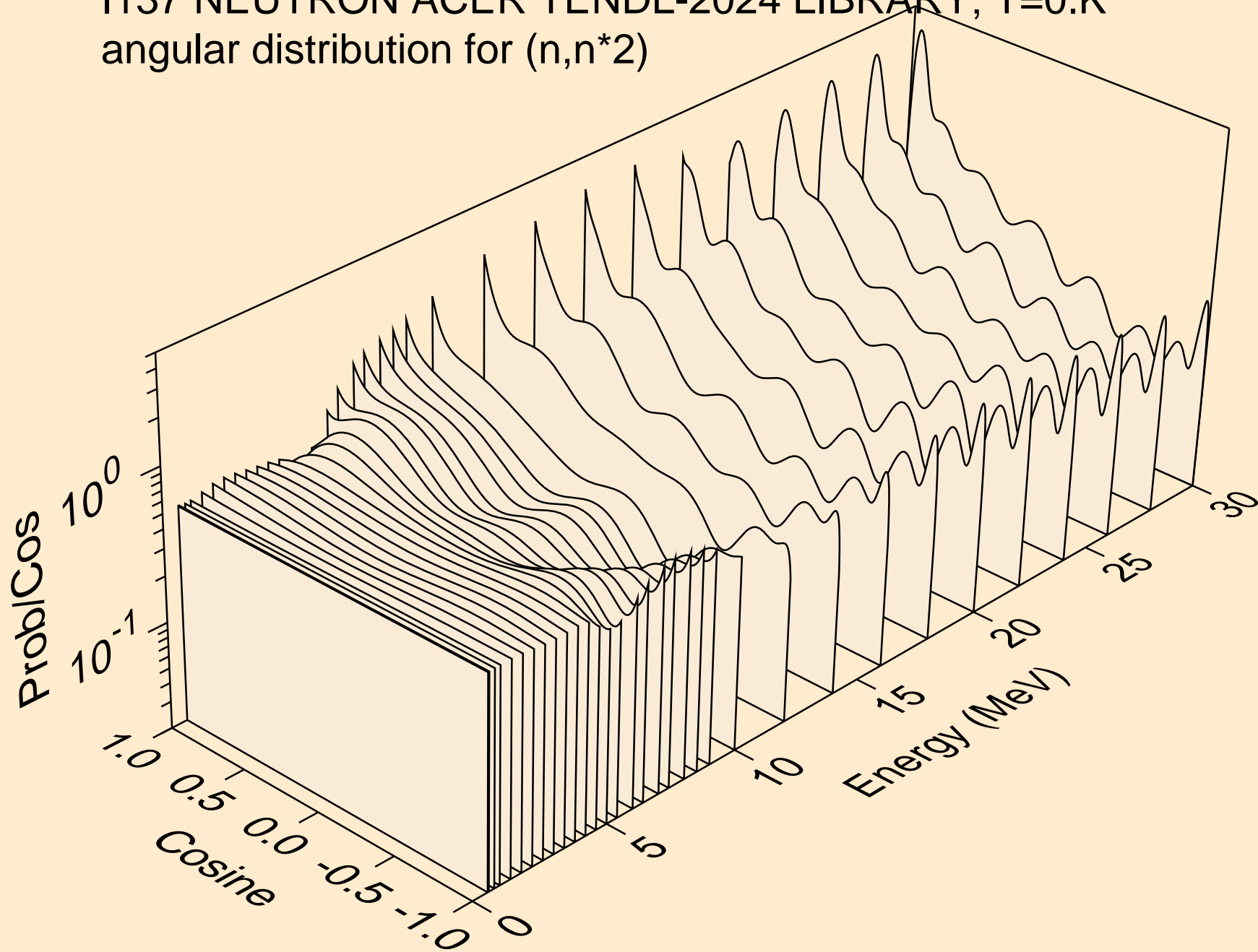
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angular distribution for elastic



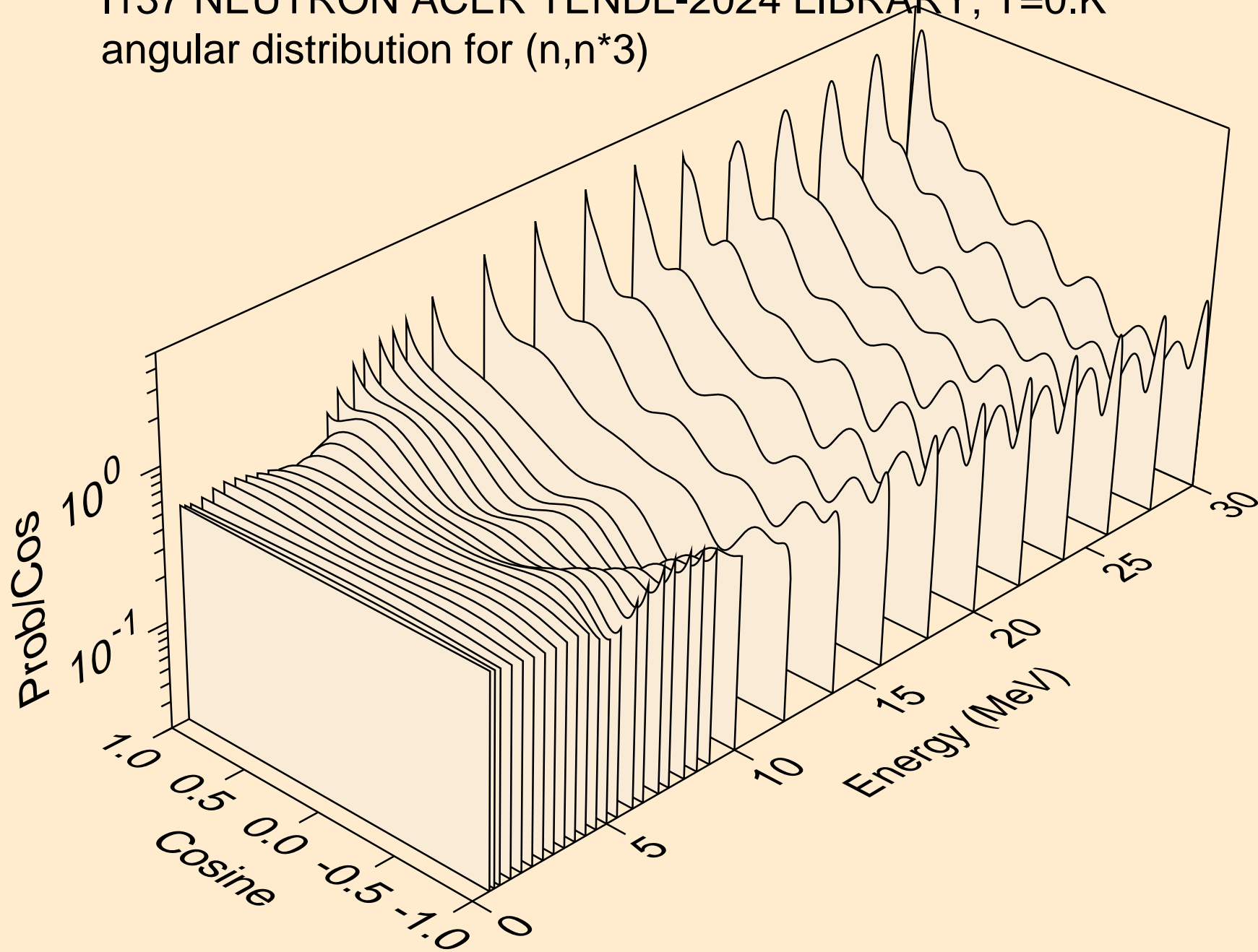
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



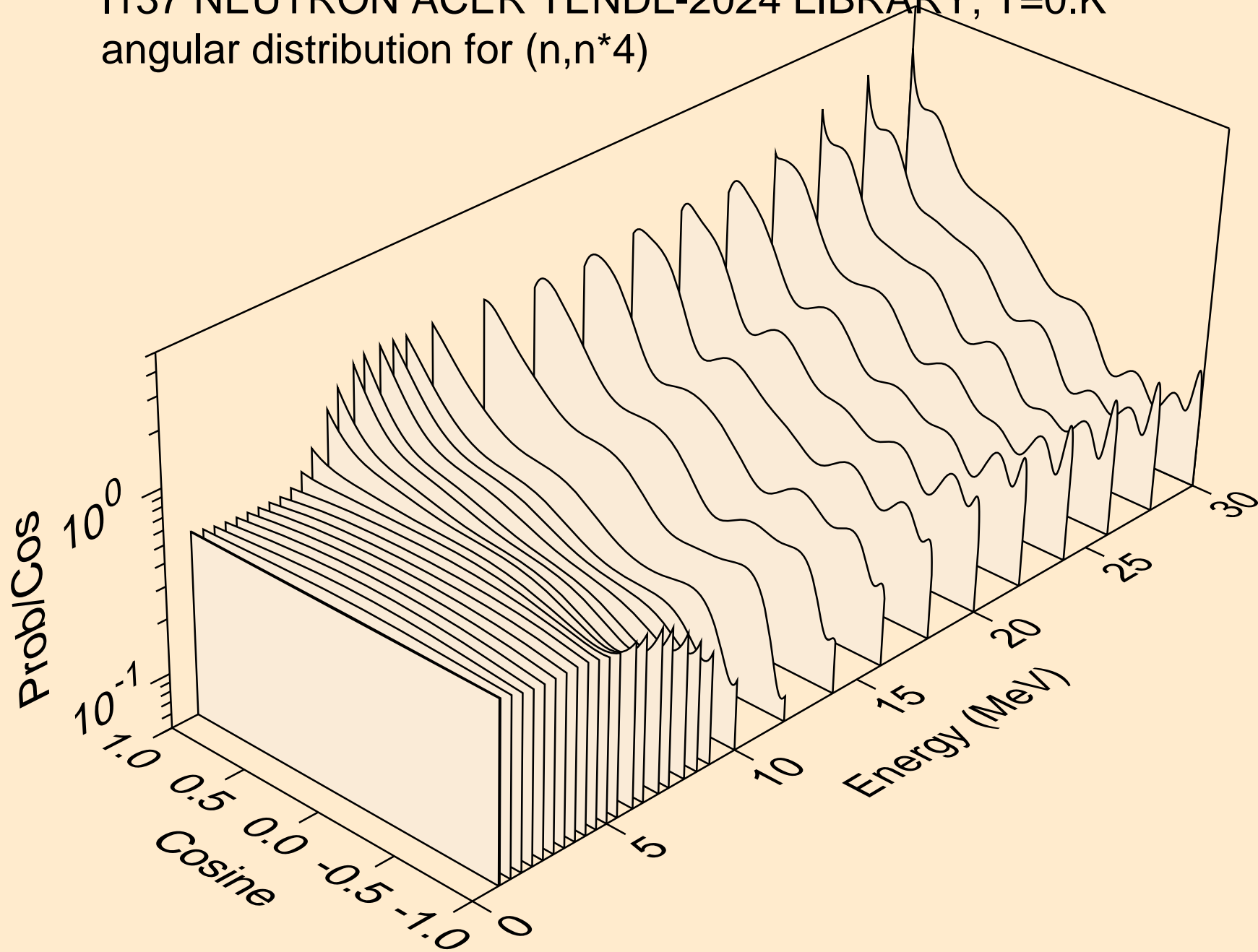
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angular distribution for (n,n\*2)



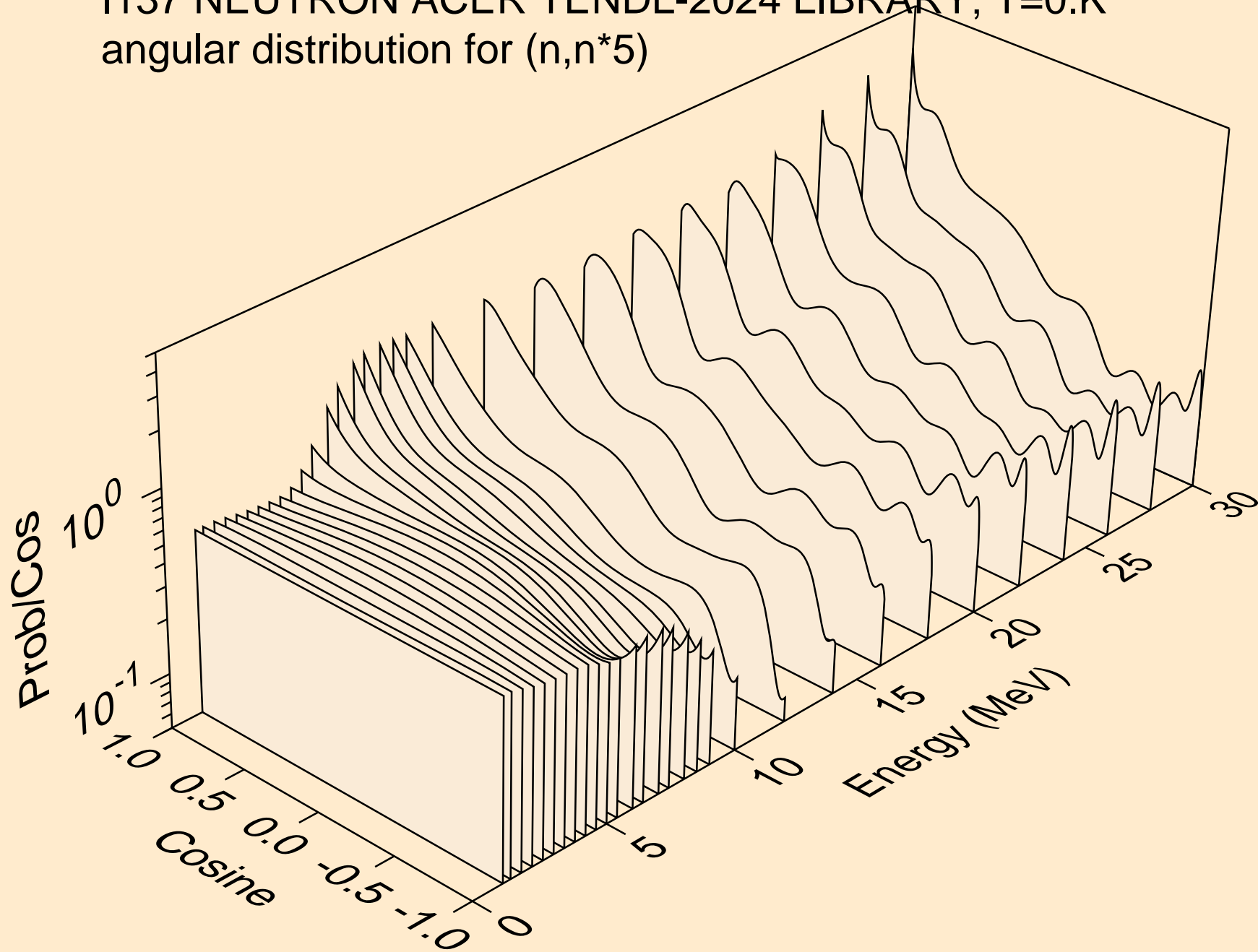
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angular distribution for (n,n\*3)



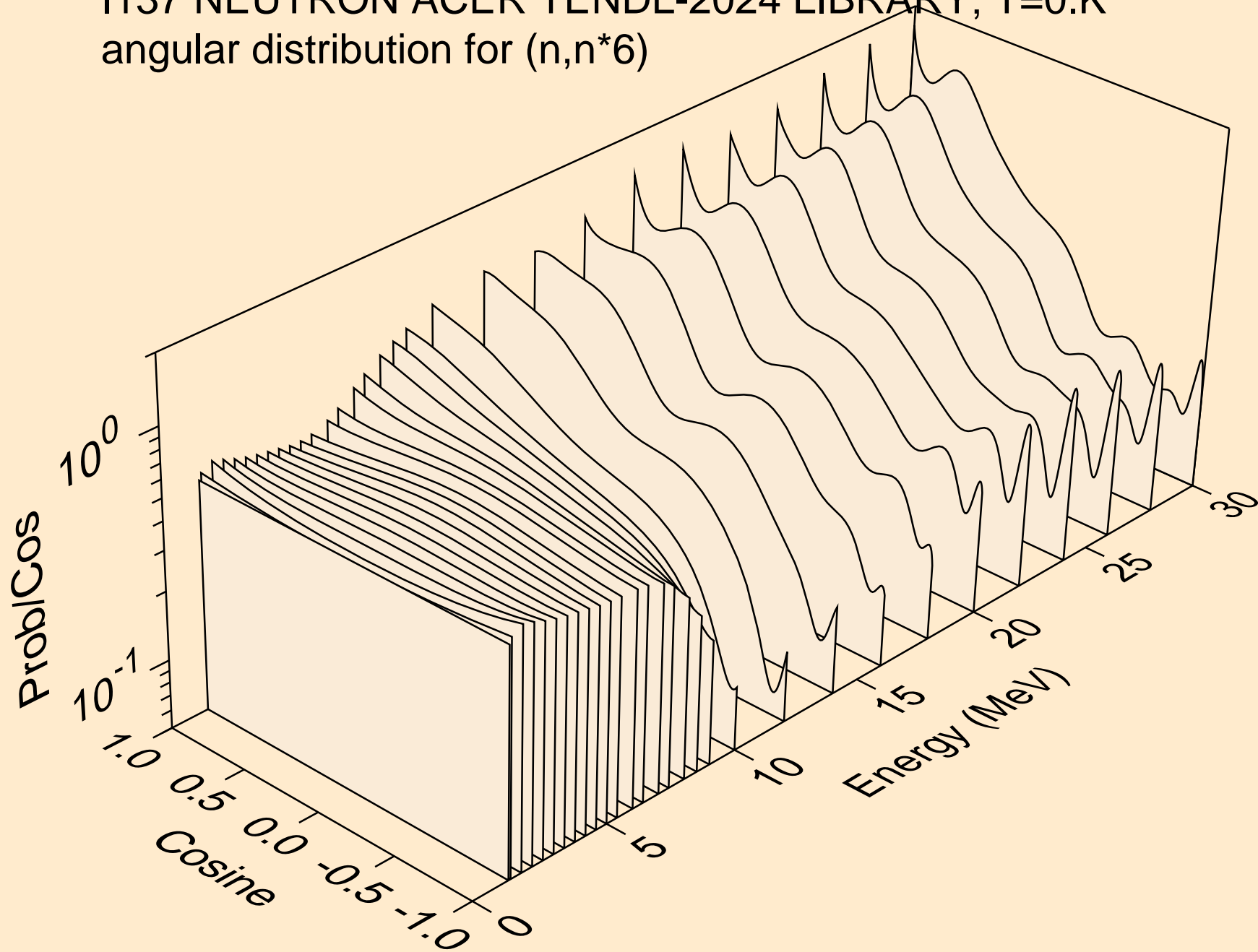
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angular distribution for (n,n\*4)



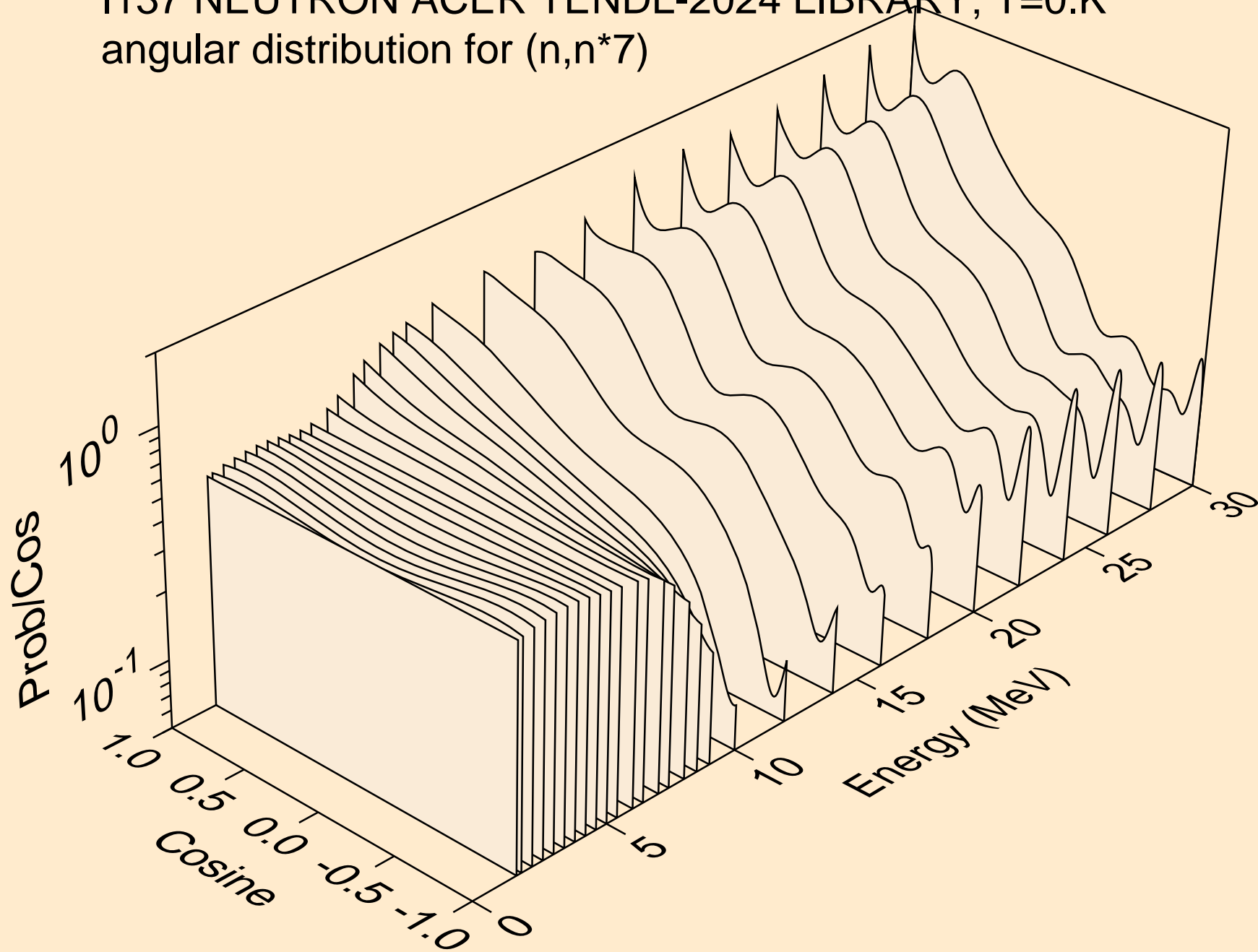
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angular distribution for (n,n\*5)



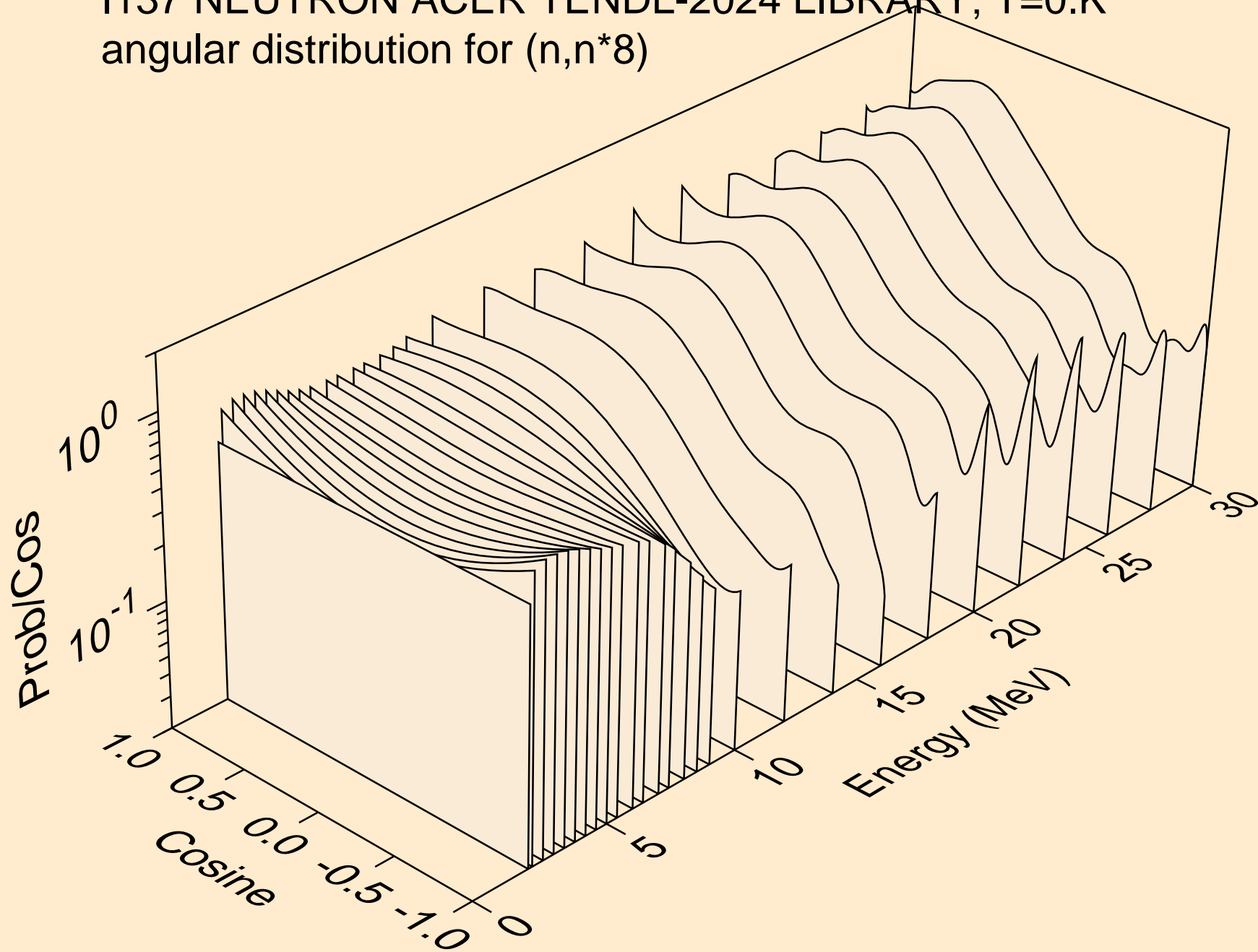
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angular distribution for (n,n\*6)



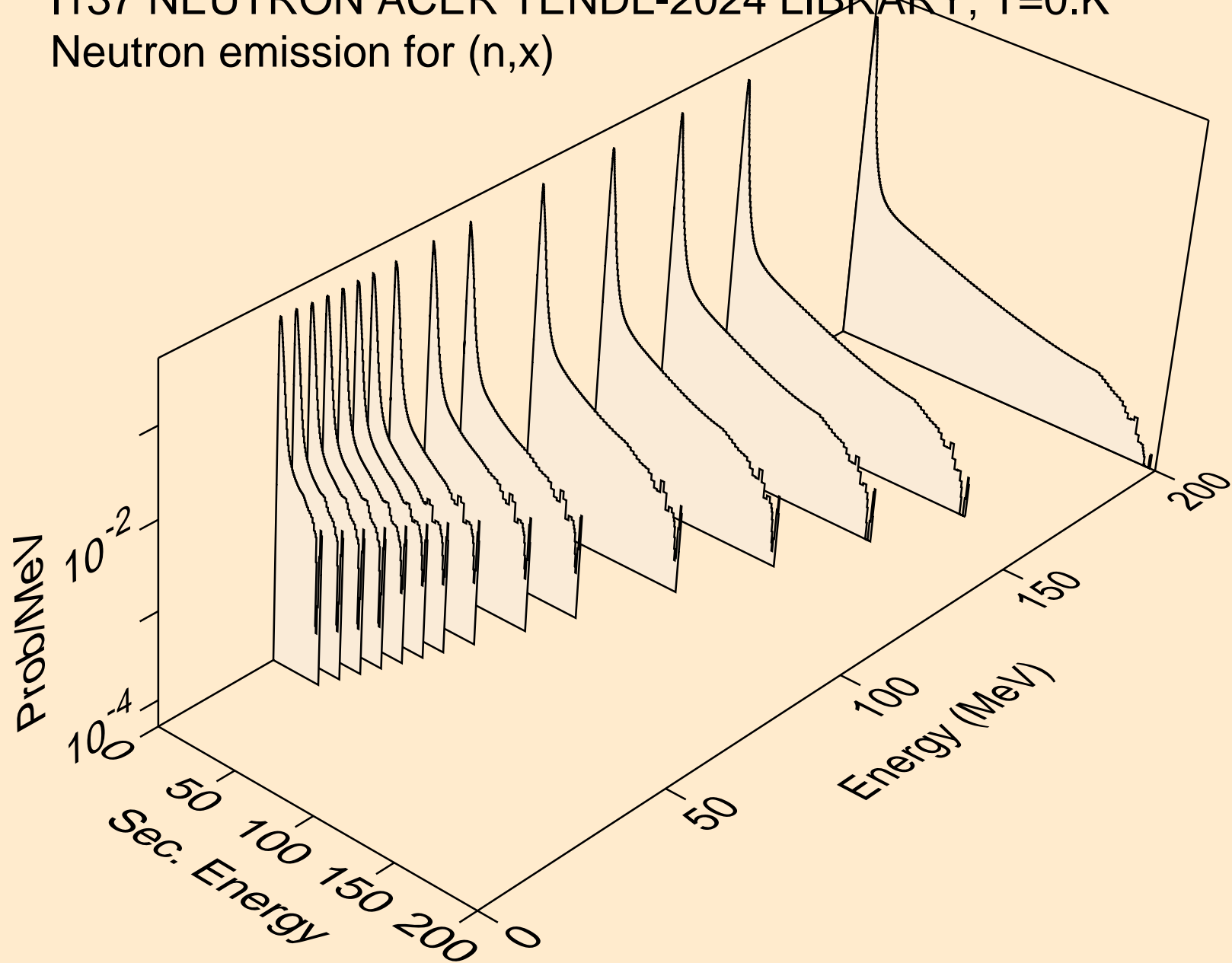
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angular distribution for (n,n\*7)



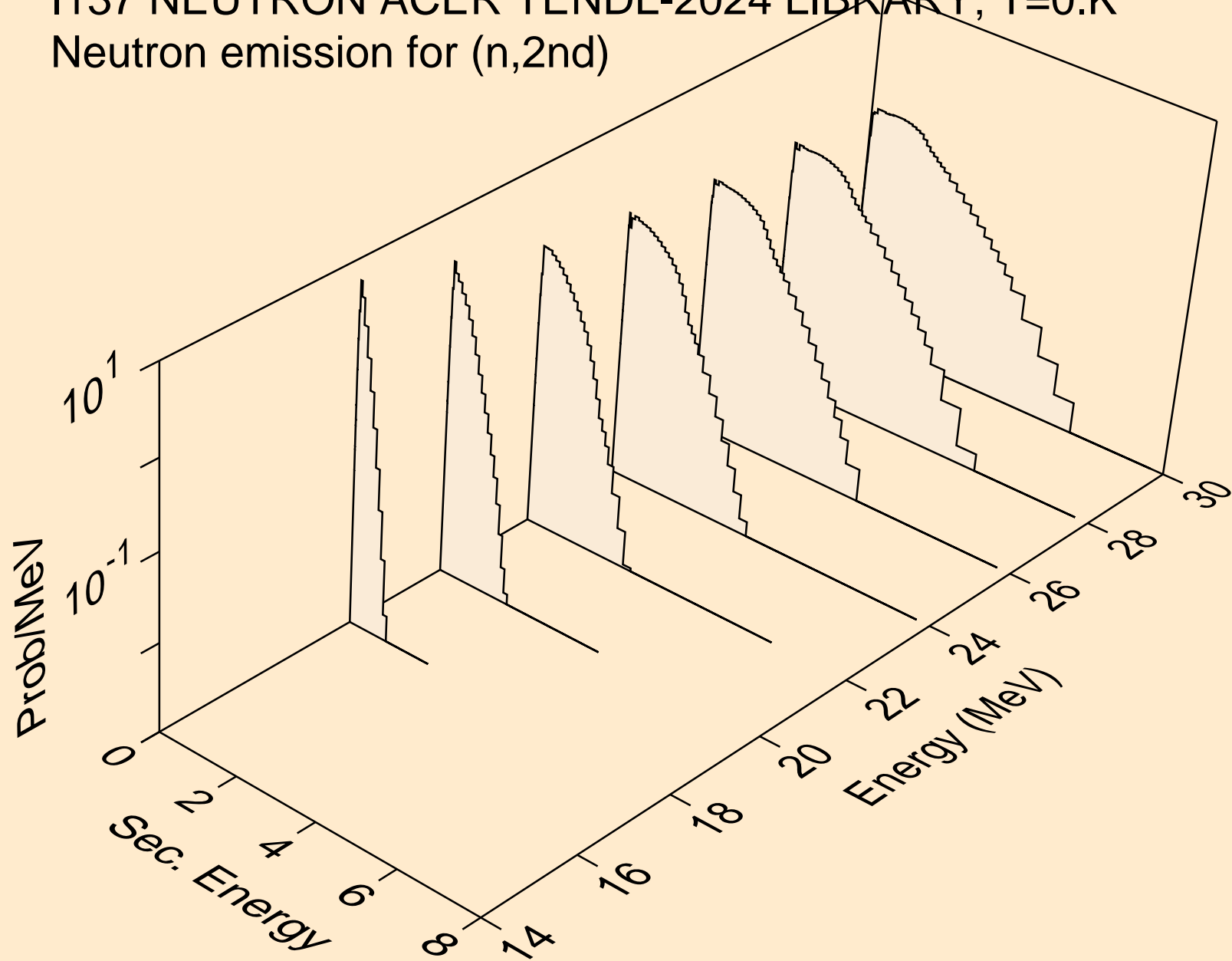
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angular distribution for (n,n\*8)



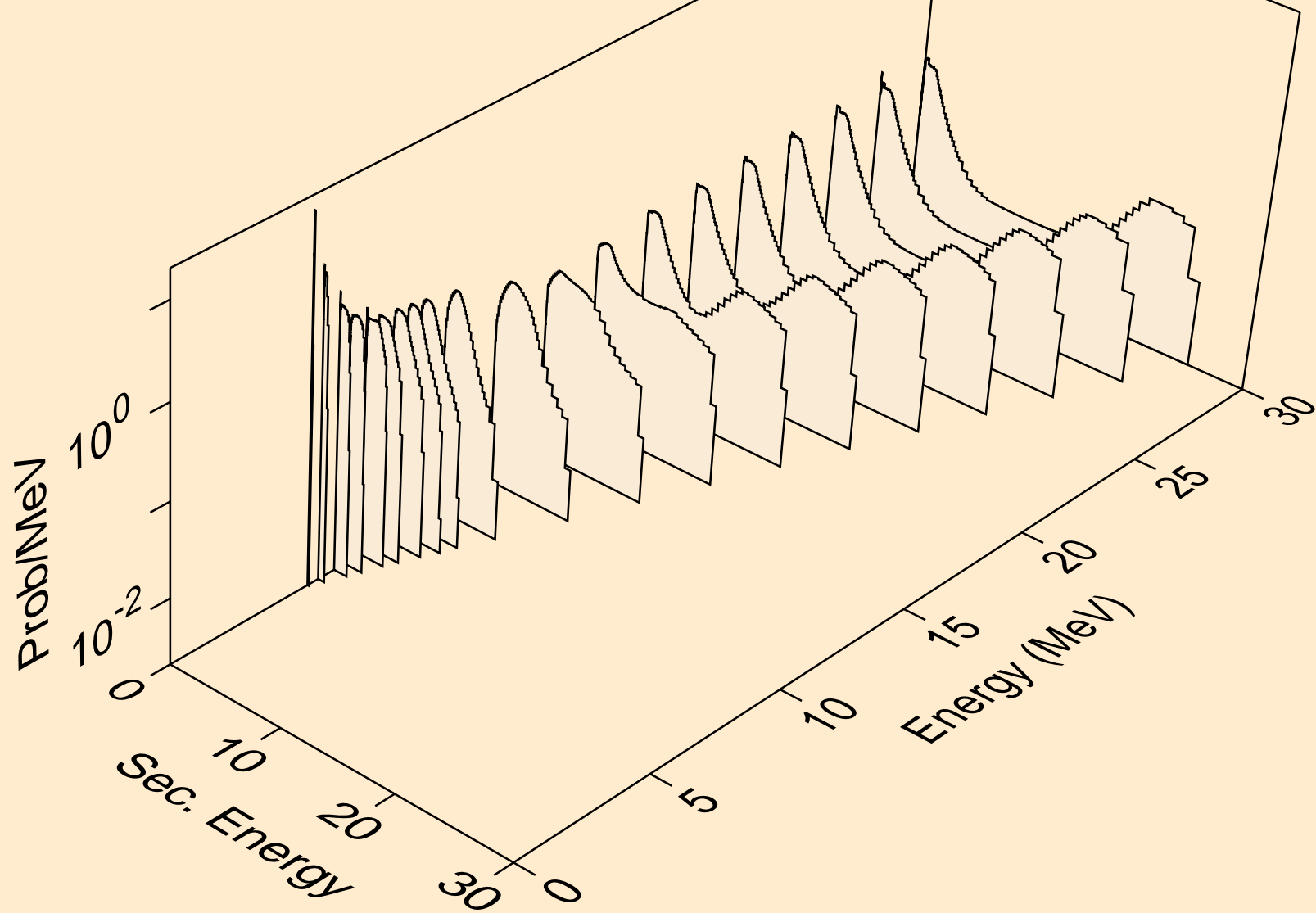
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



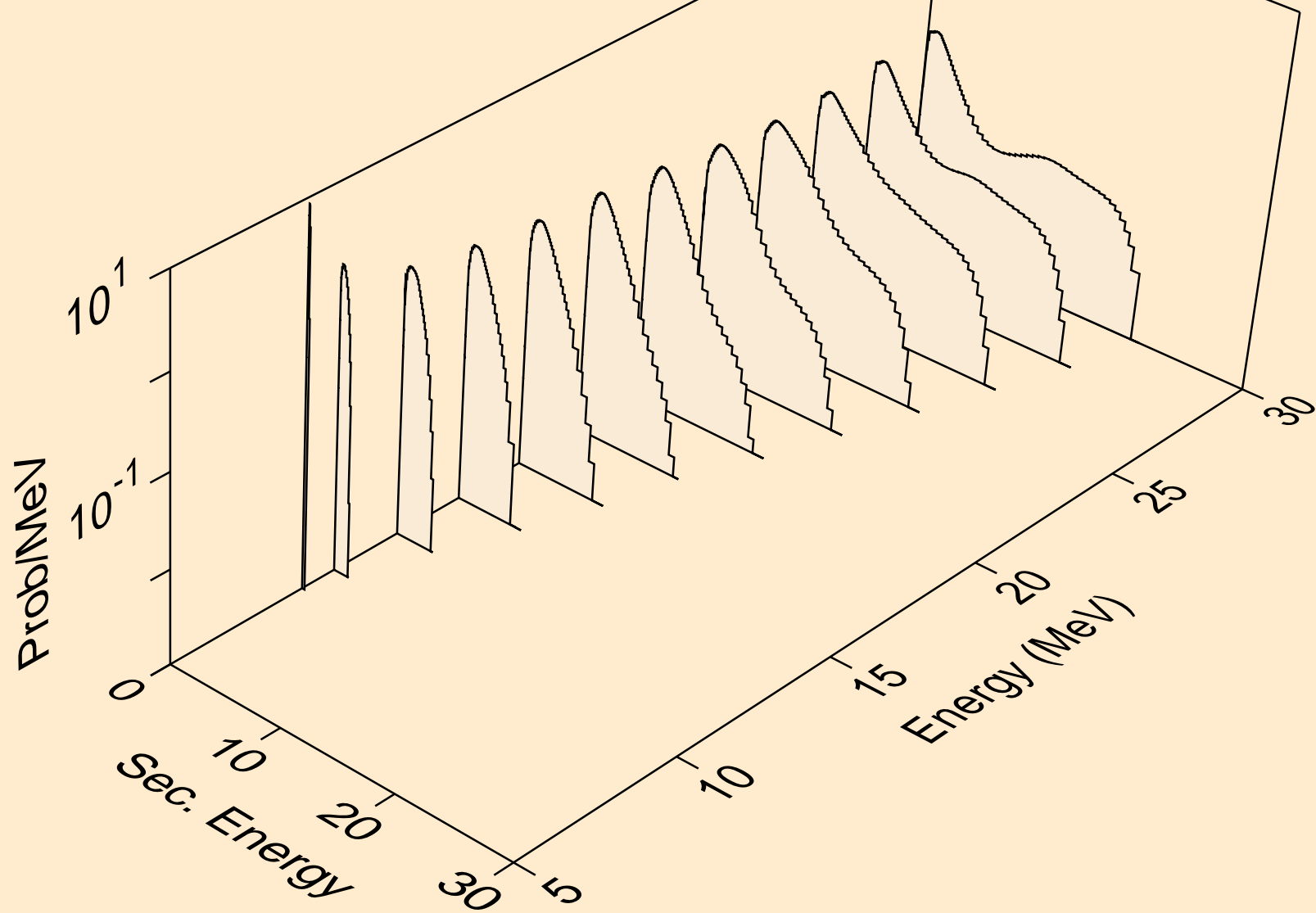
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Neutron emission for (n,2nd)



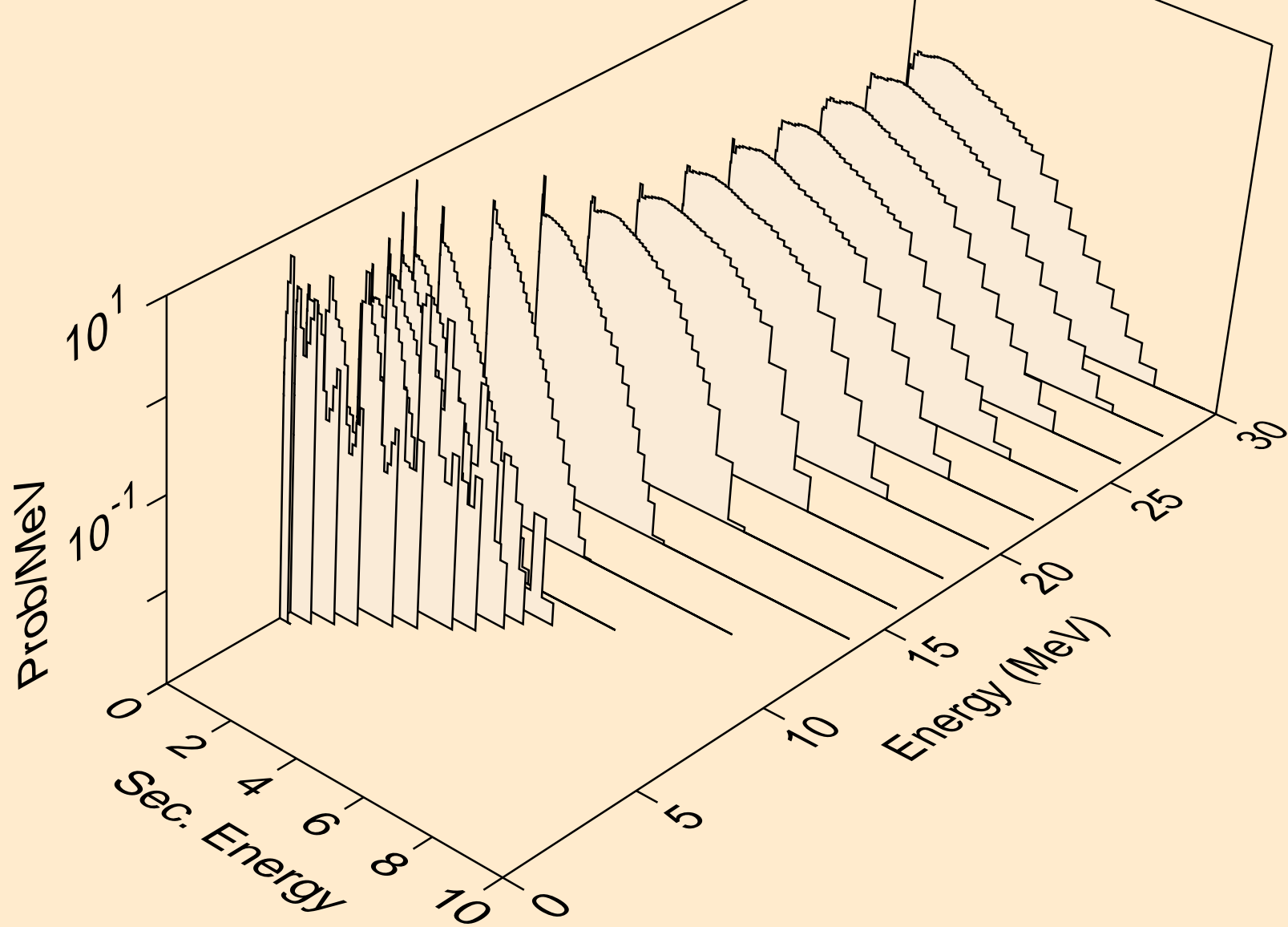
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Neutron emission for (n,2n)



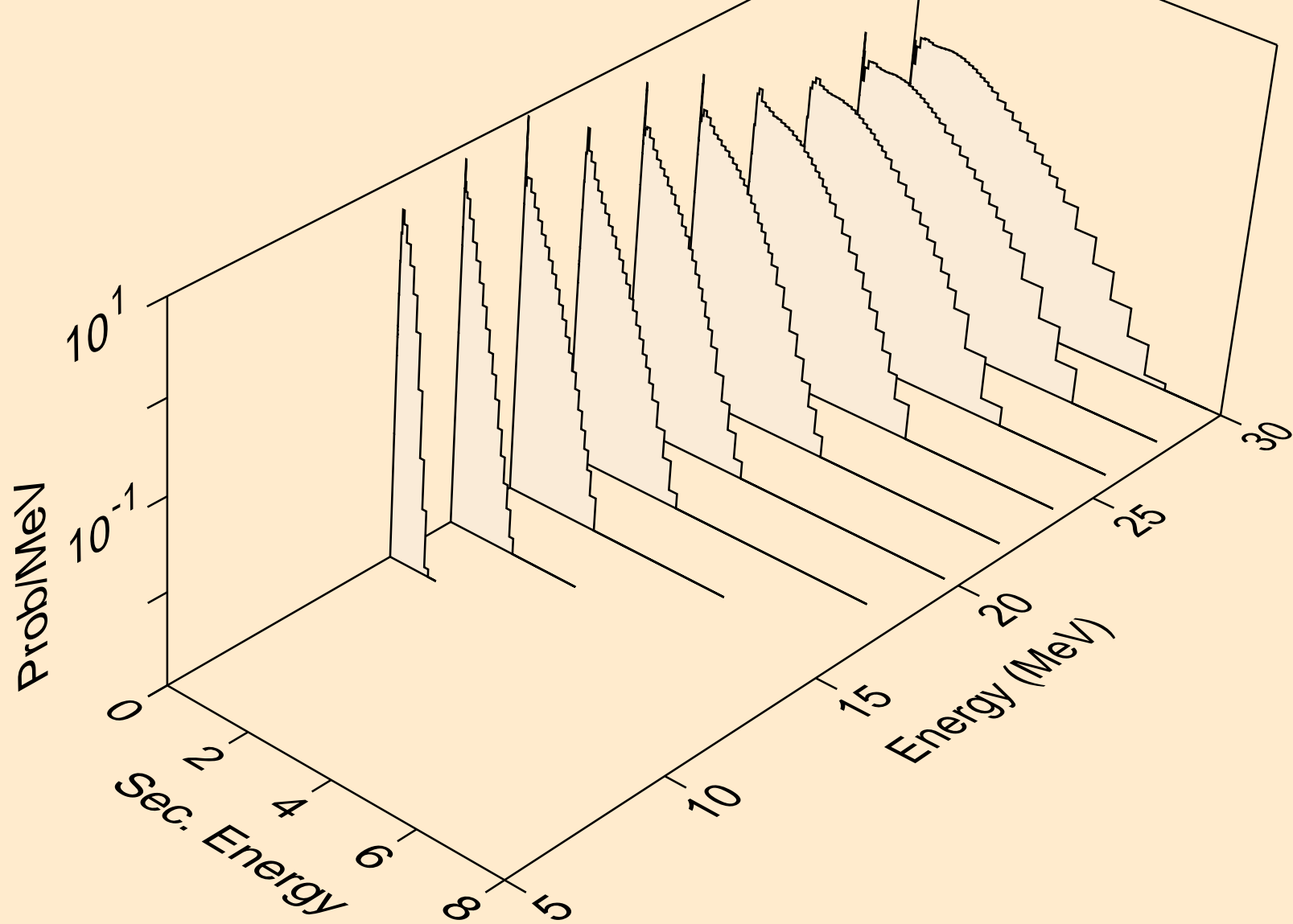
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Neutron emission for (n,3n)



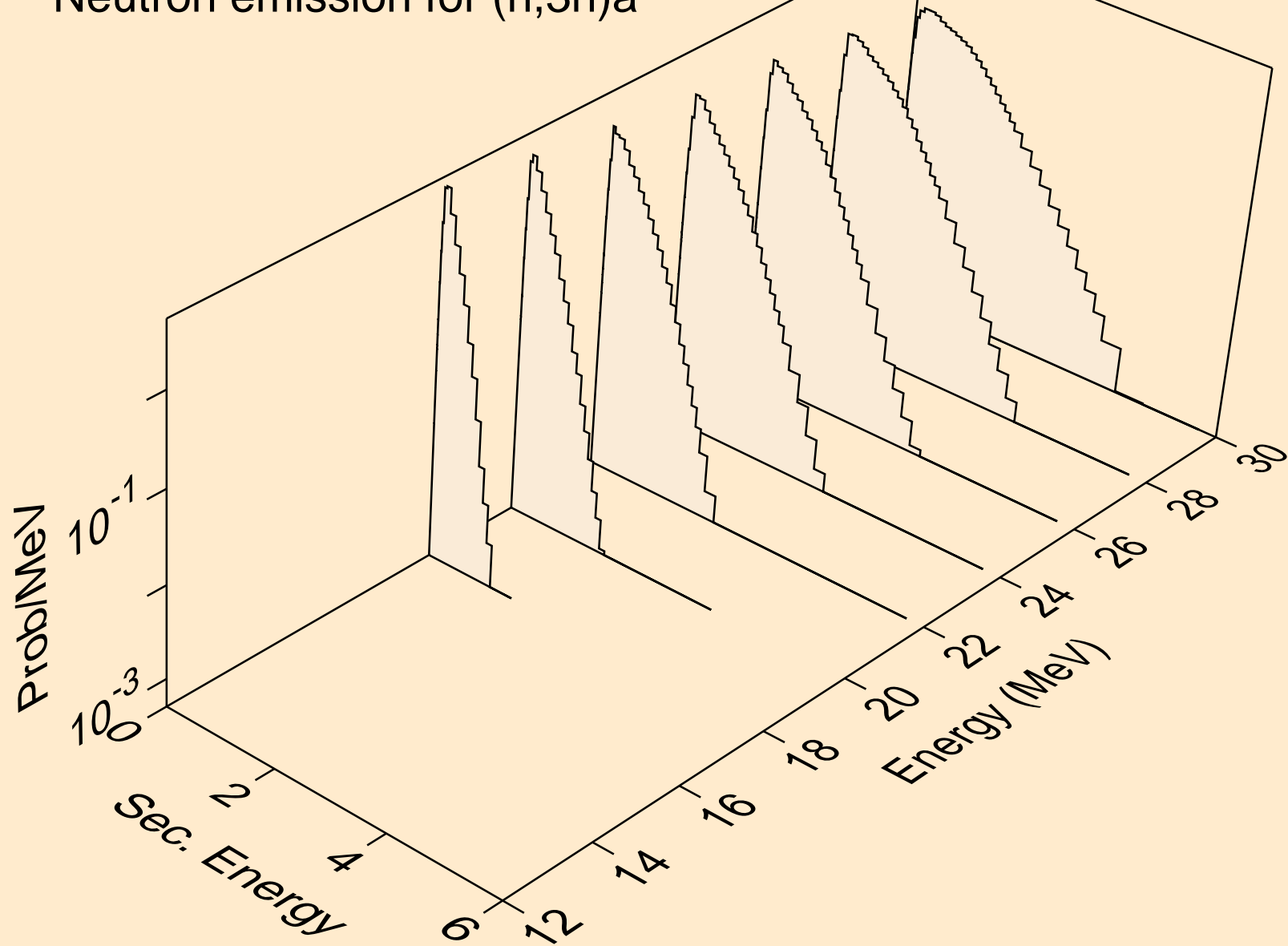
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



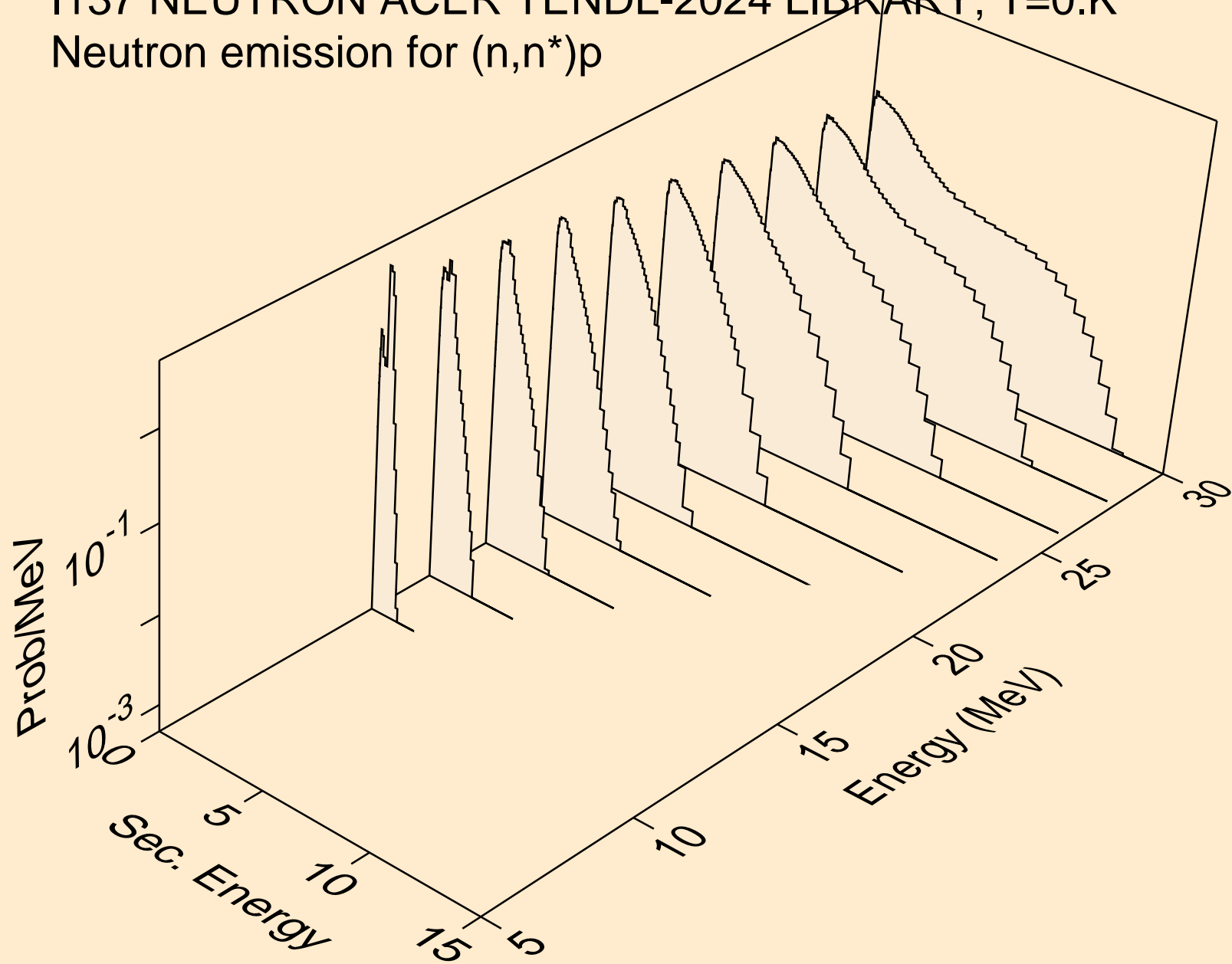
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Neutron emission for (n,2n)a



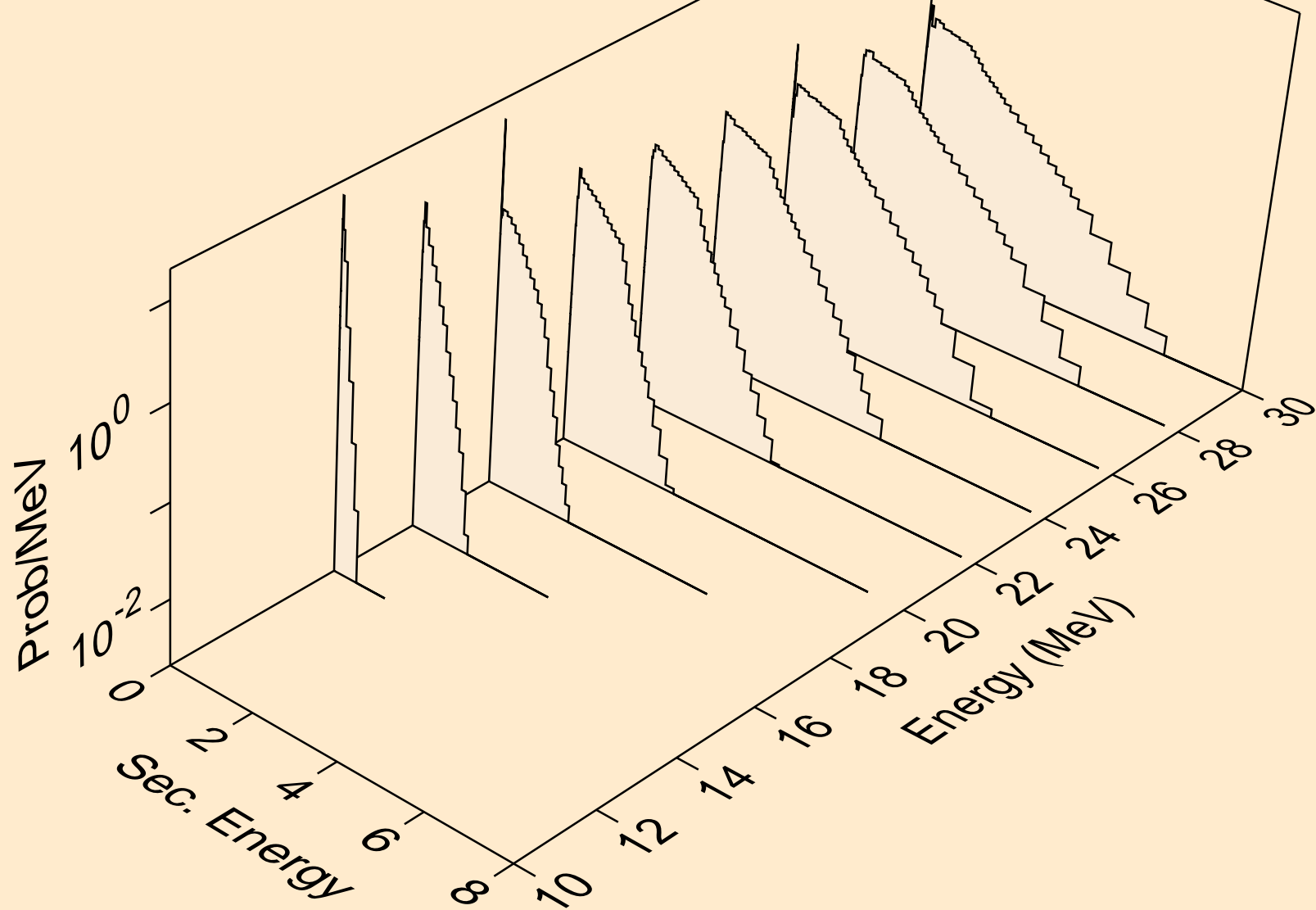
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Neutron emission for (n,3n)a



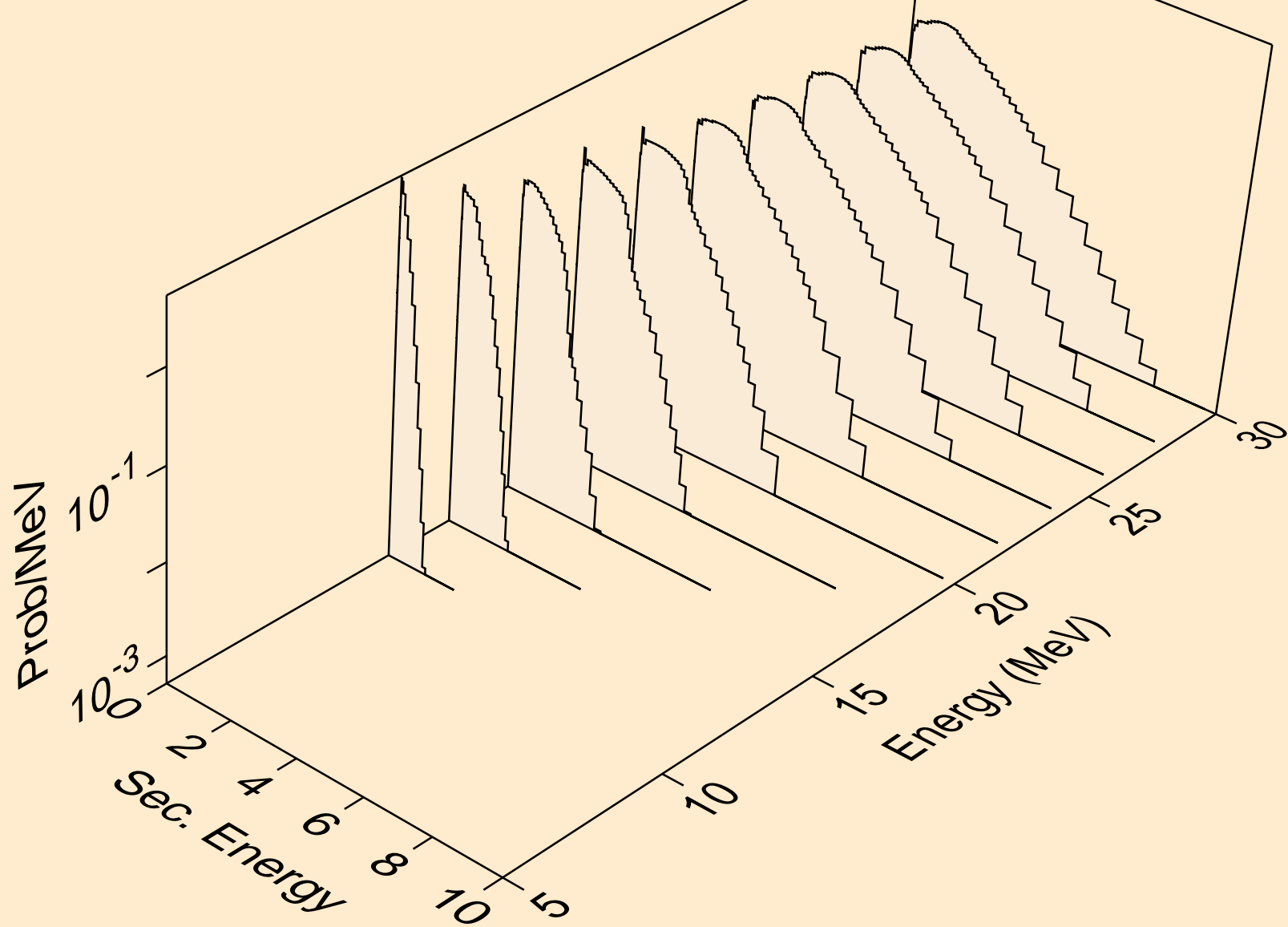
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



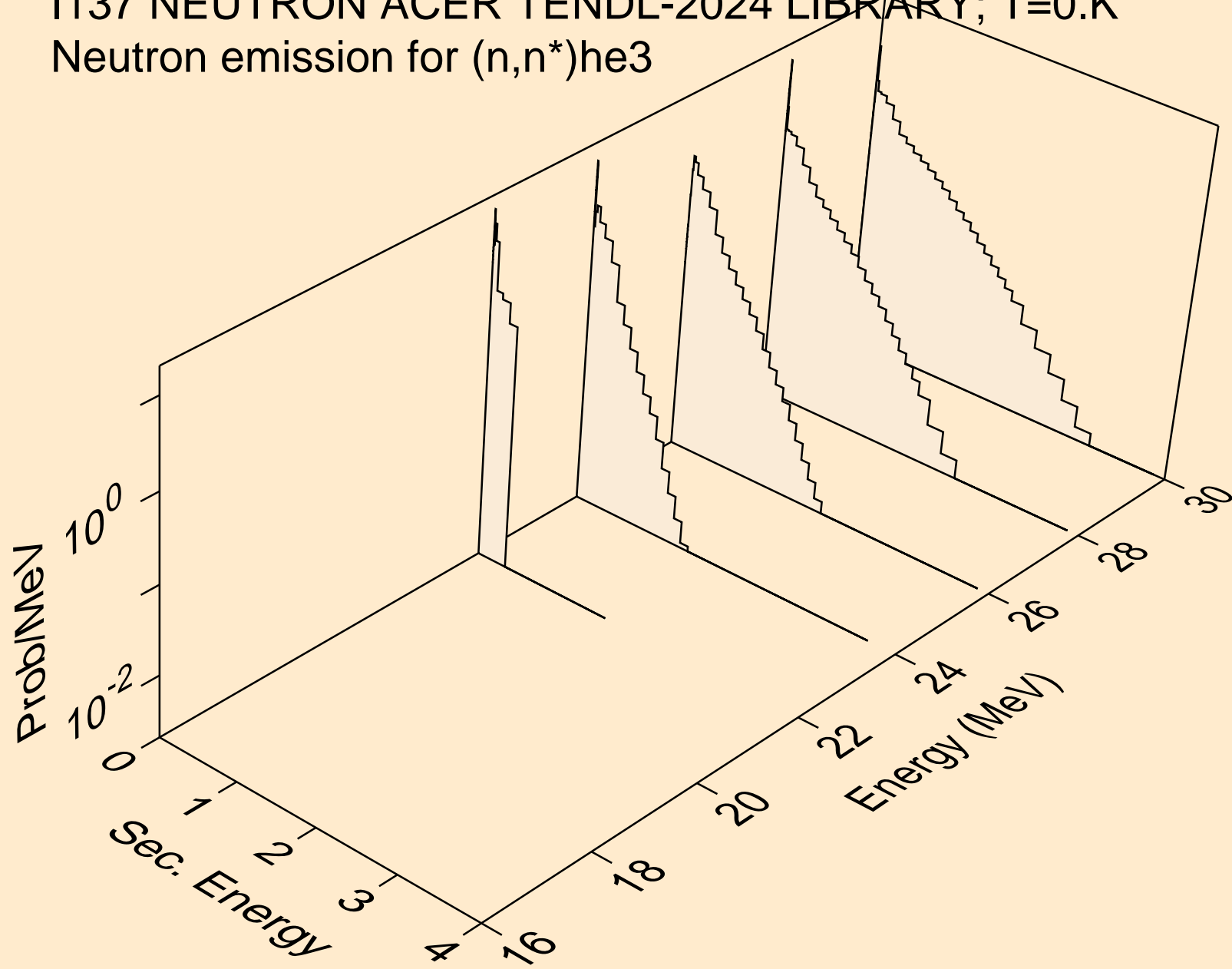
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



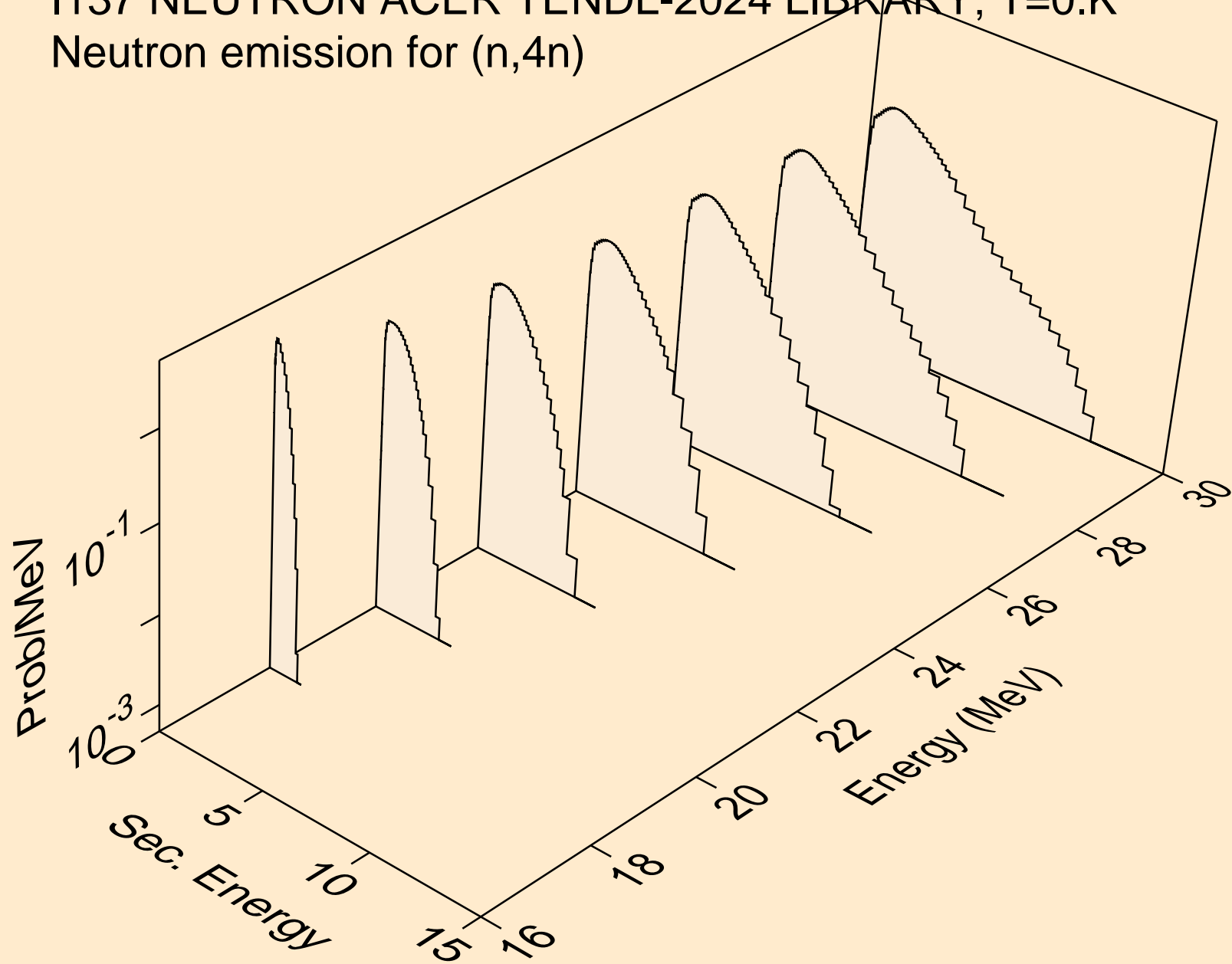
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



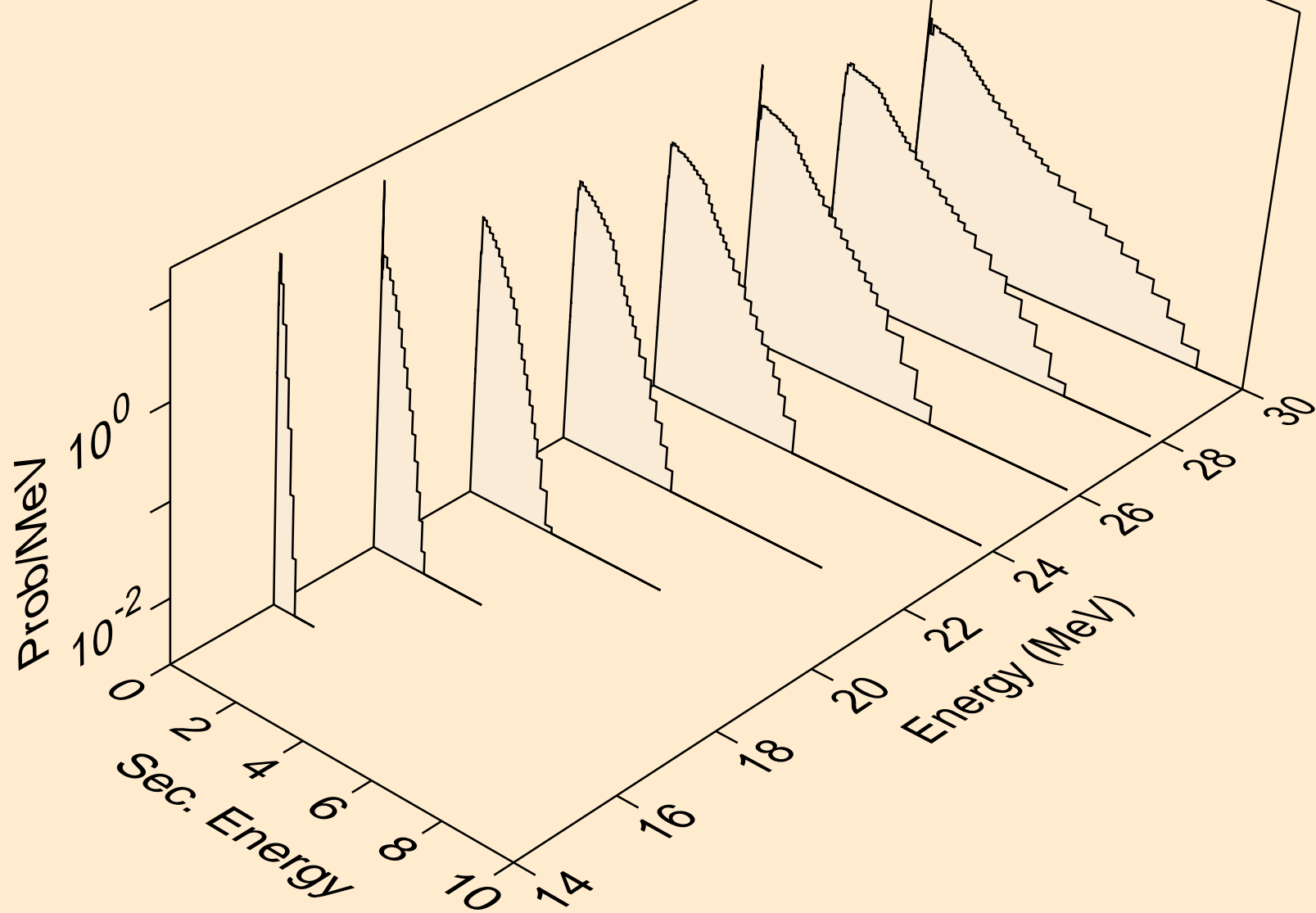
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



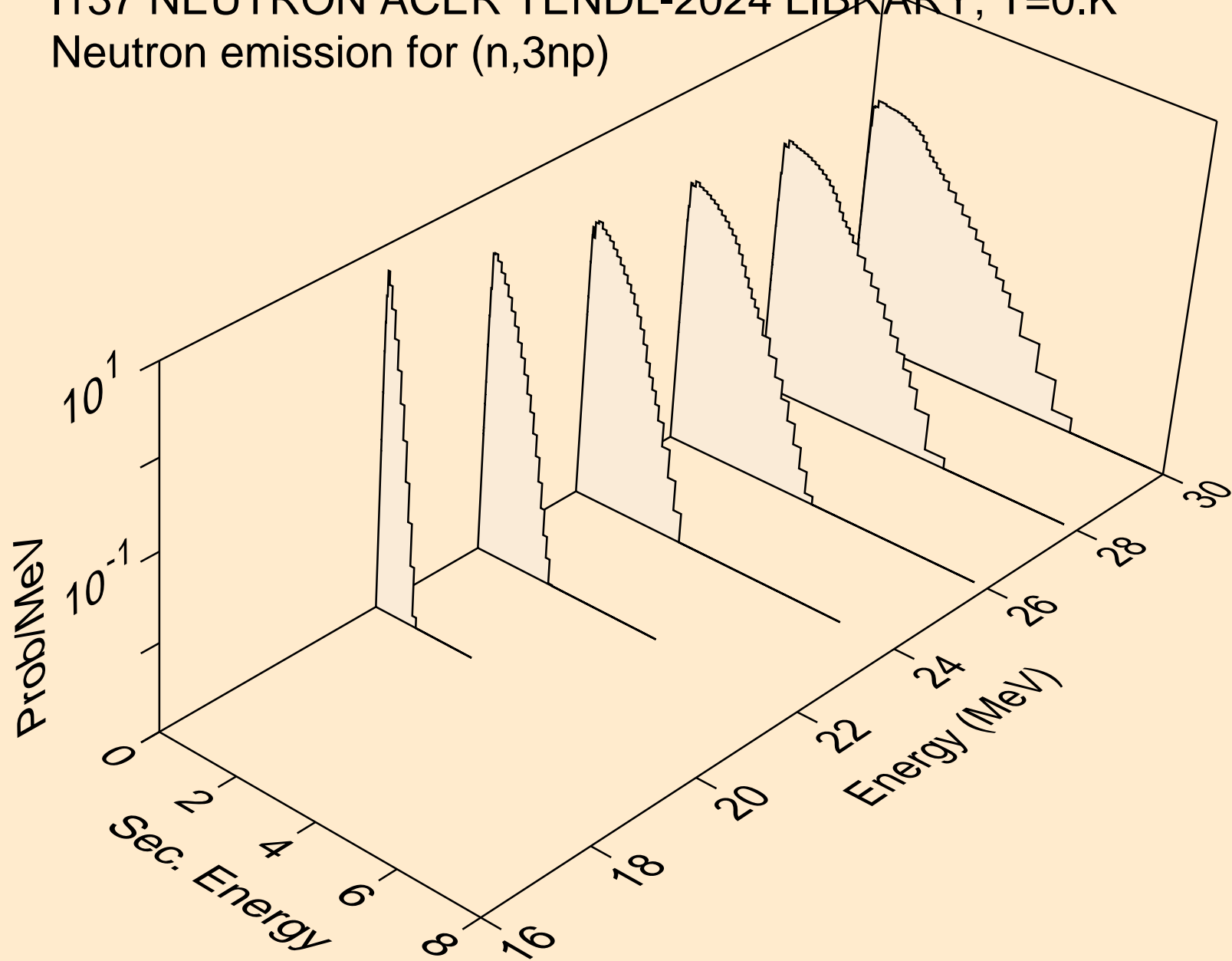
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



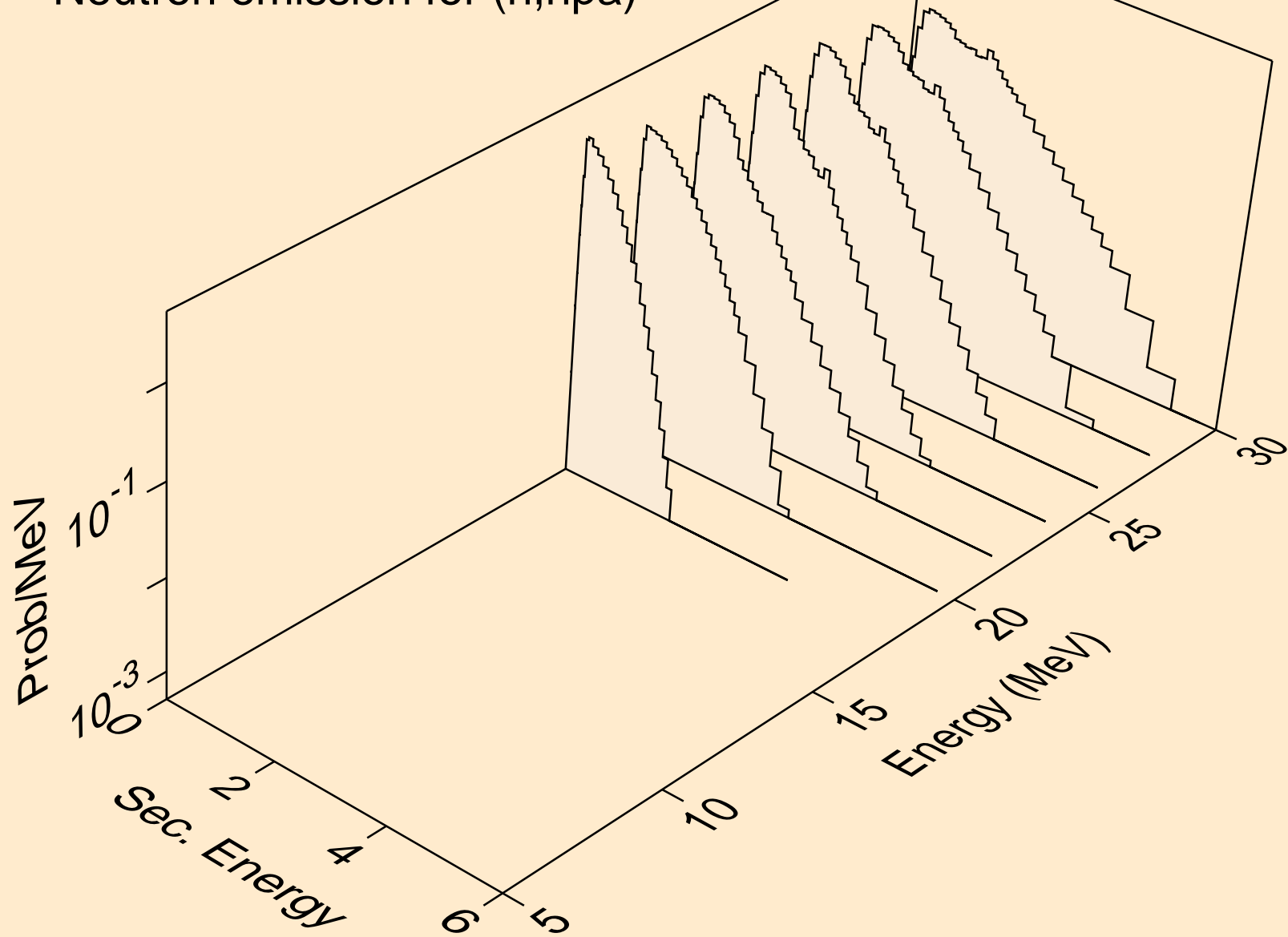
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Neutron emission for (n,2np)



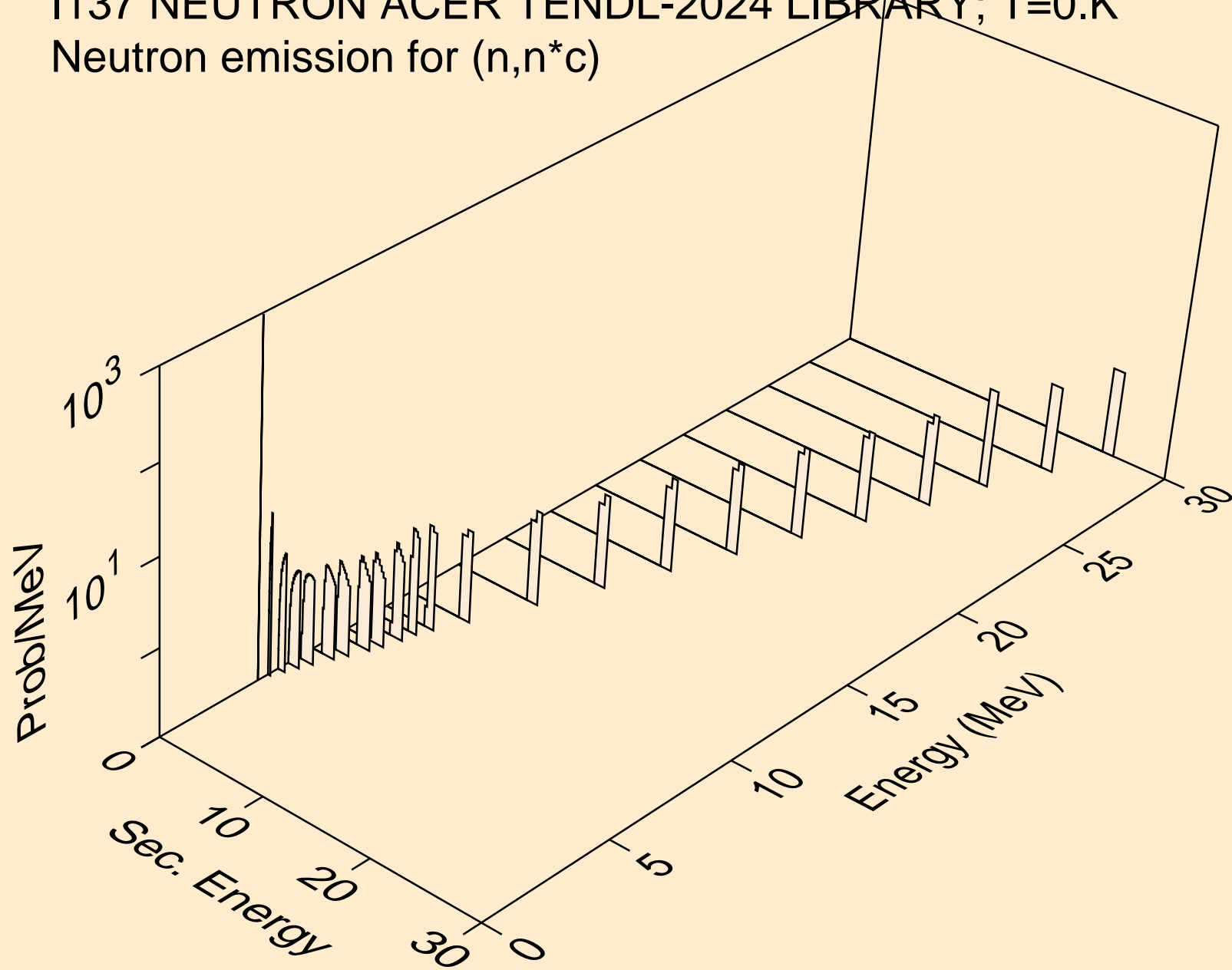
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Neutron emission for (n,3np)



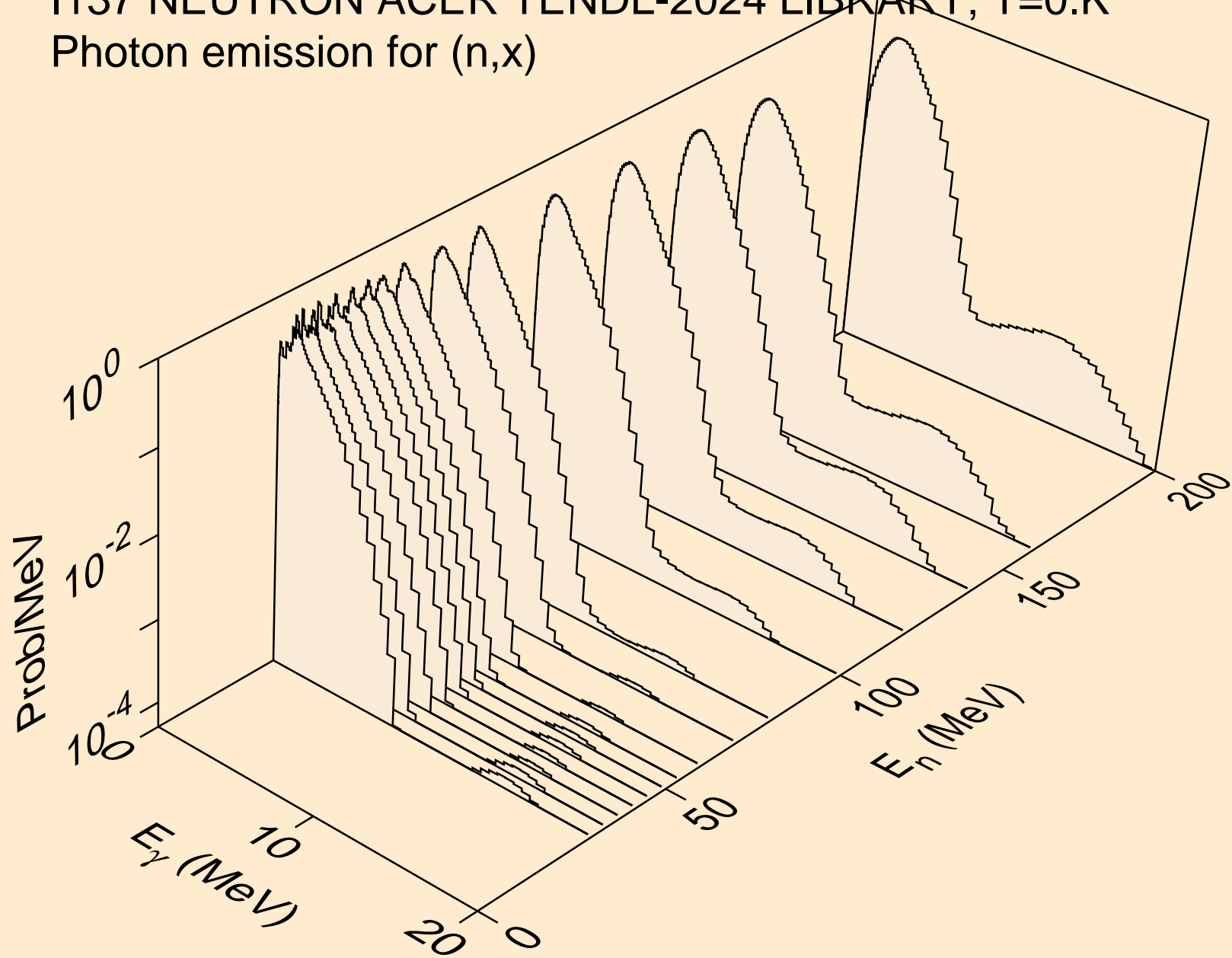
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Neutron emission for (n,npa)



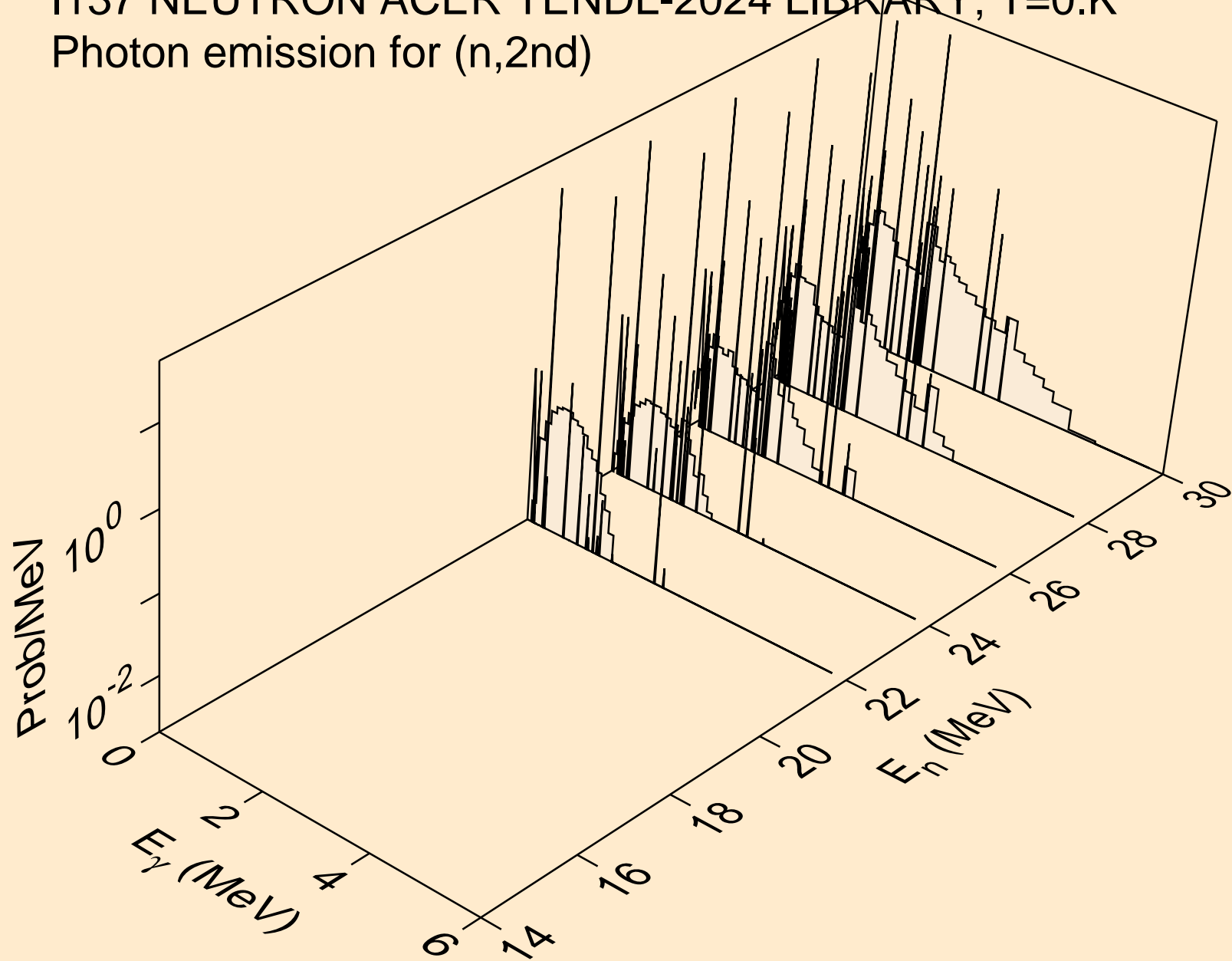
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Neutron emission for (n,n\*c)



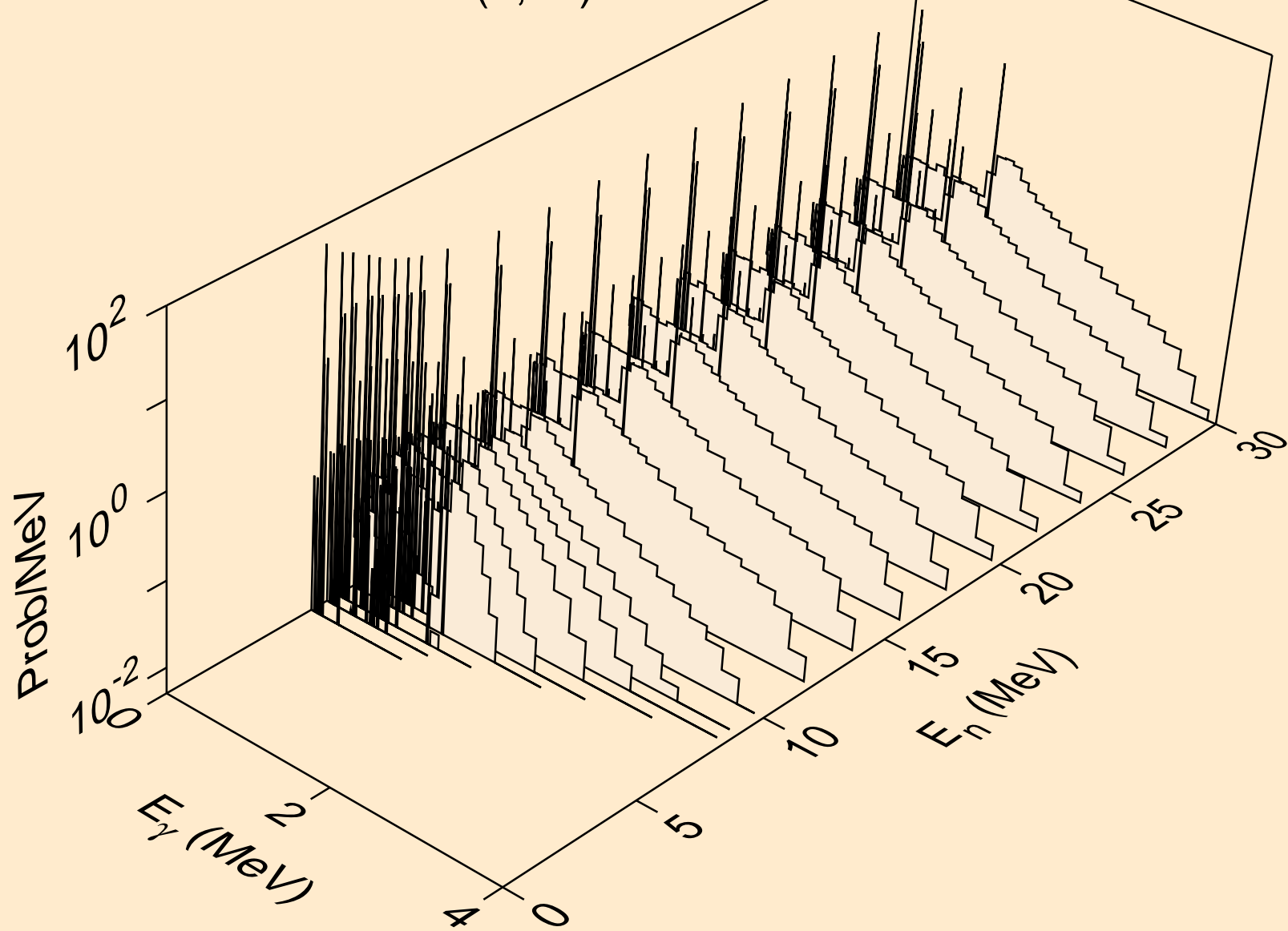
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



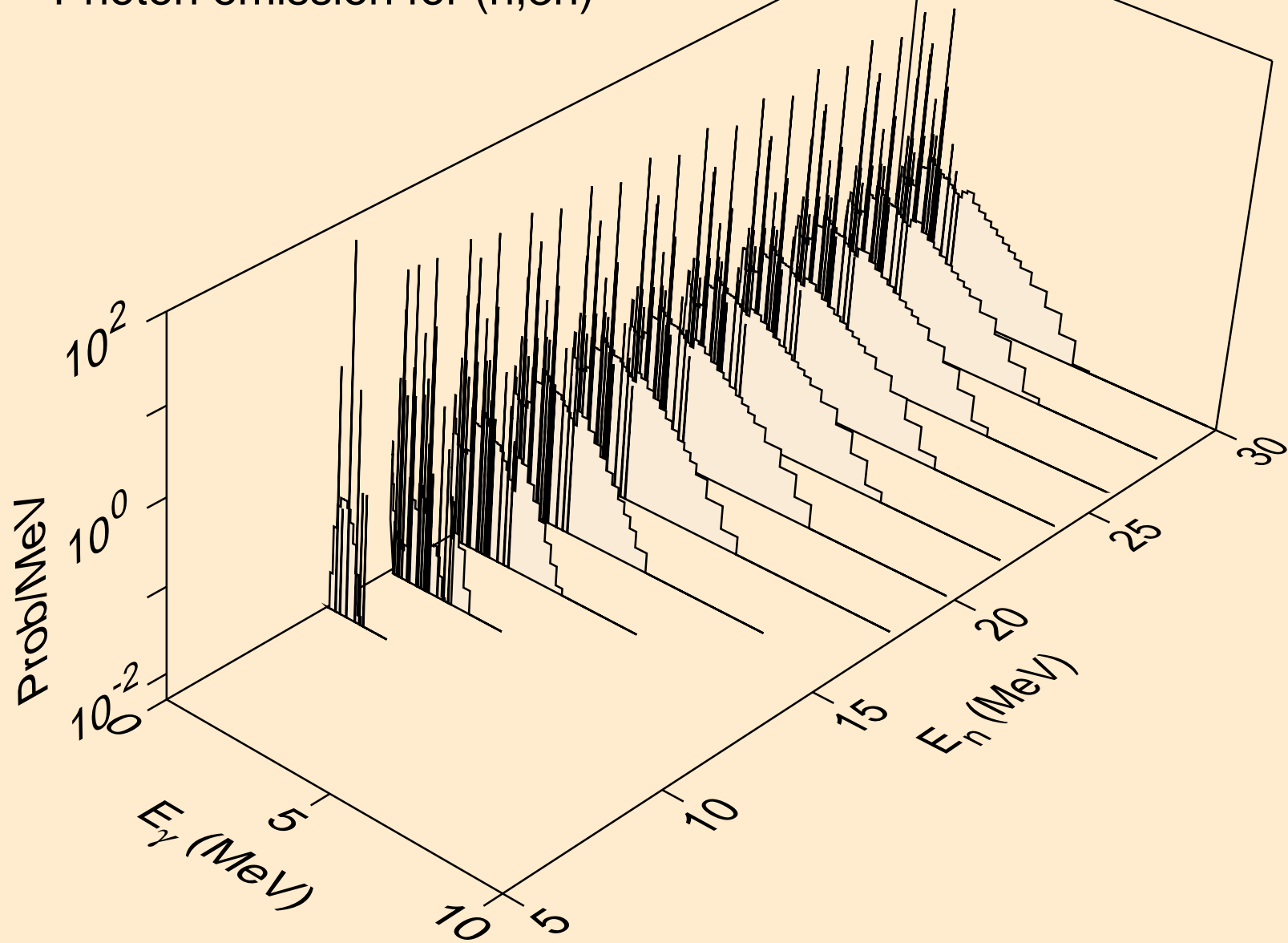
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Photon emission for (n,2nd)



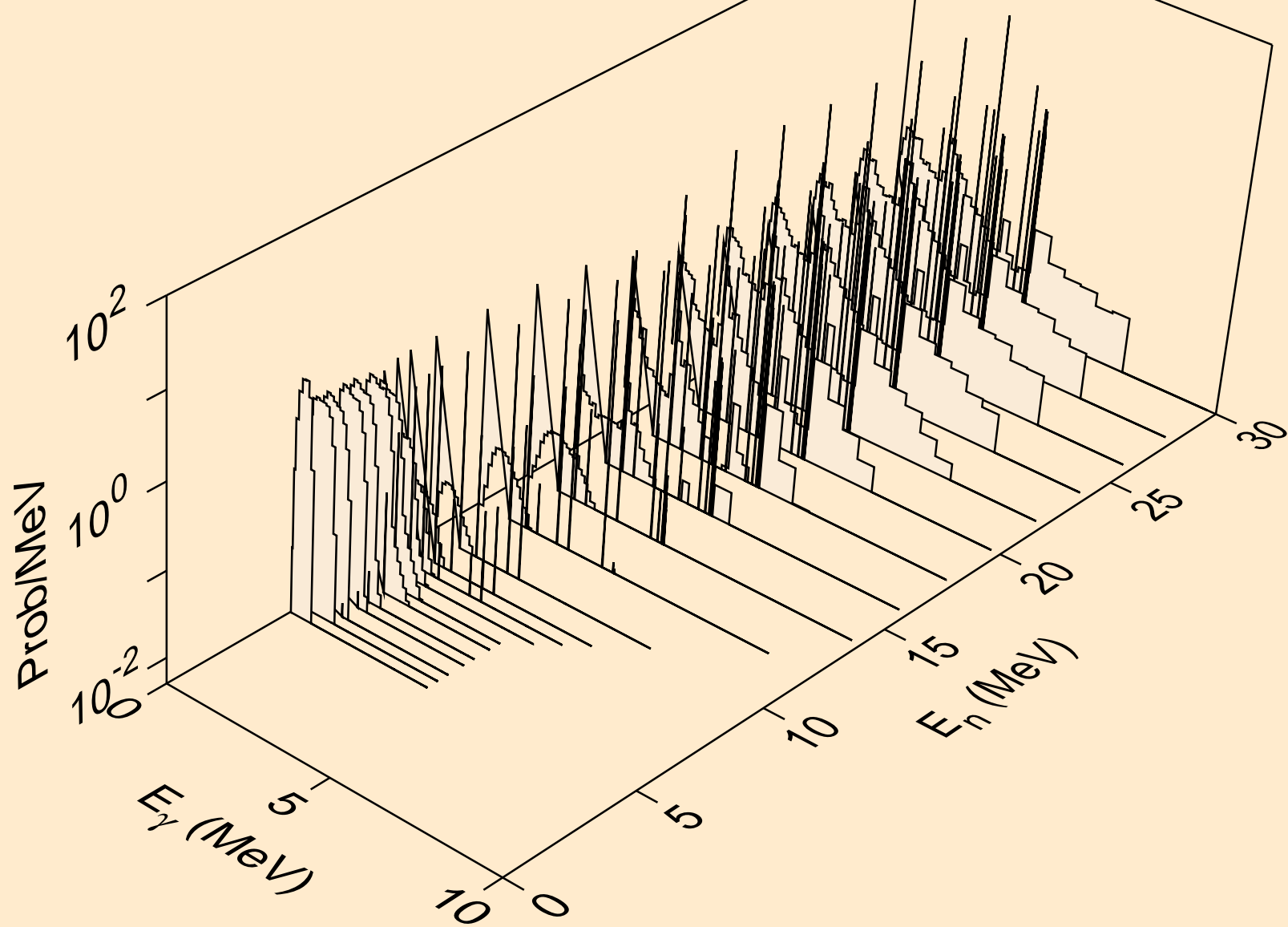
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Photon emission for (n,2n)



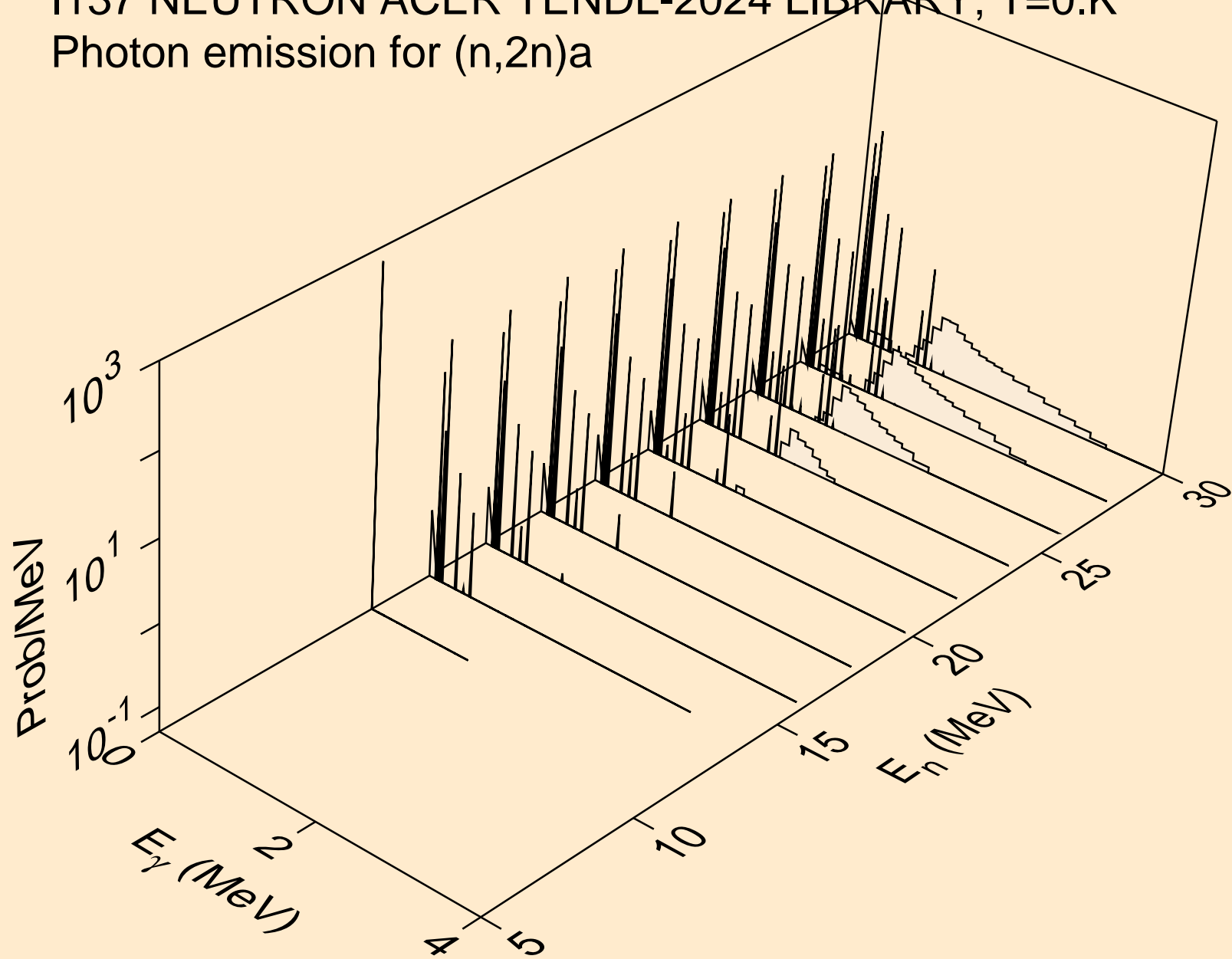
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Photon emission for (n,3n)



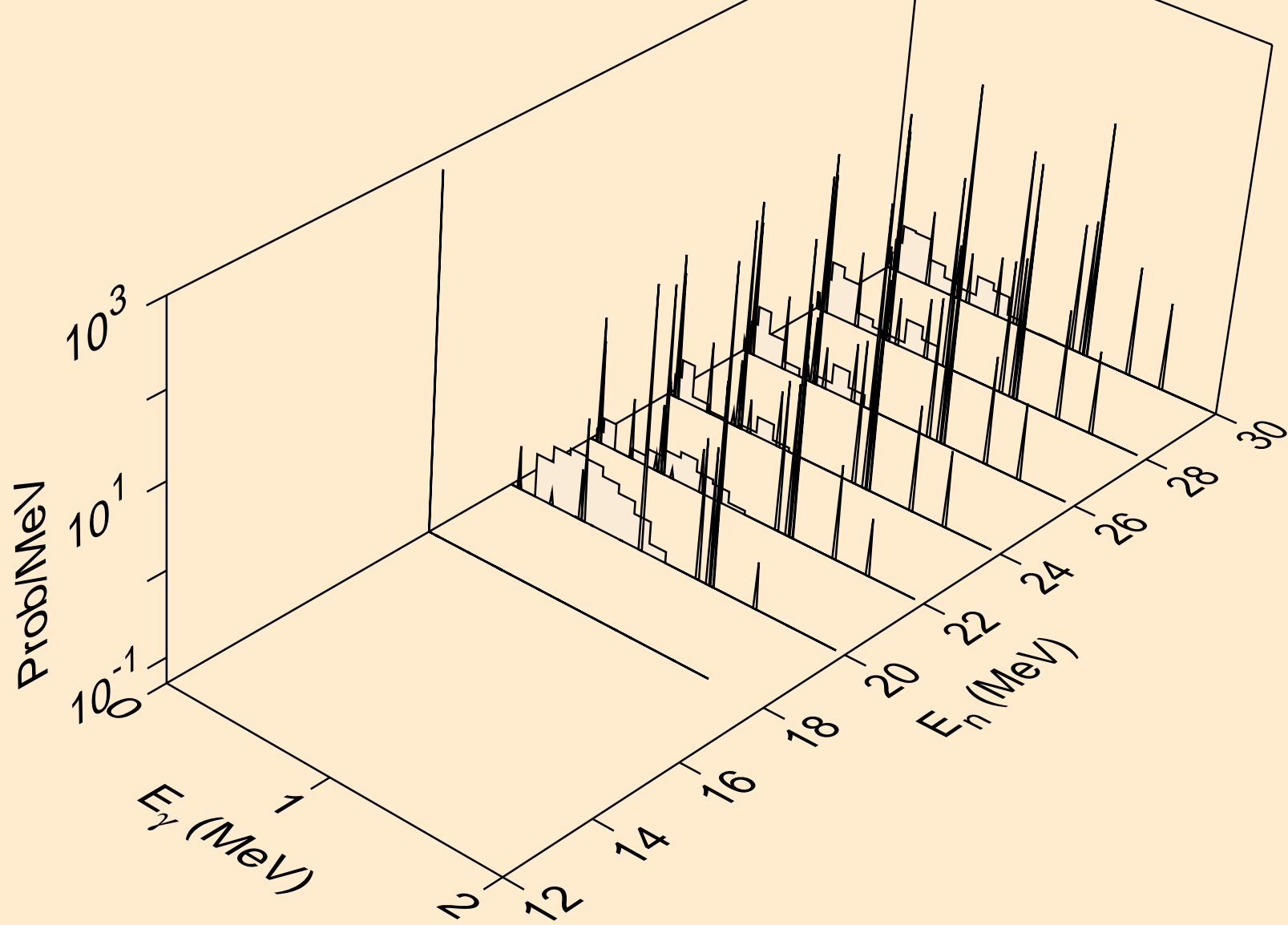
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Photon emission for (n,n\*)a



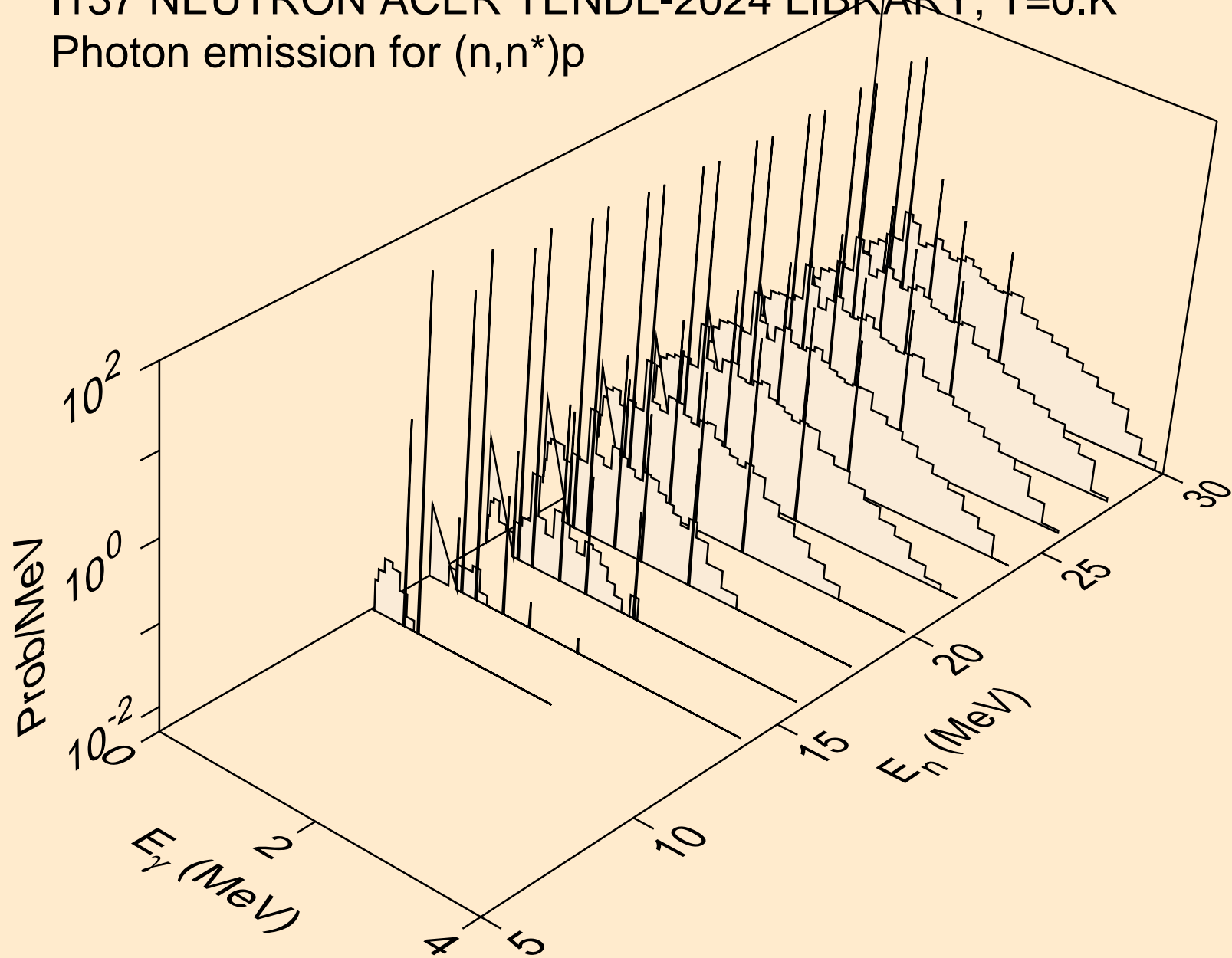
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Photon emission for (n,2n)a



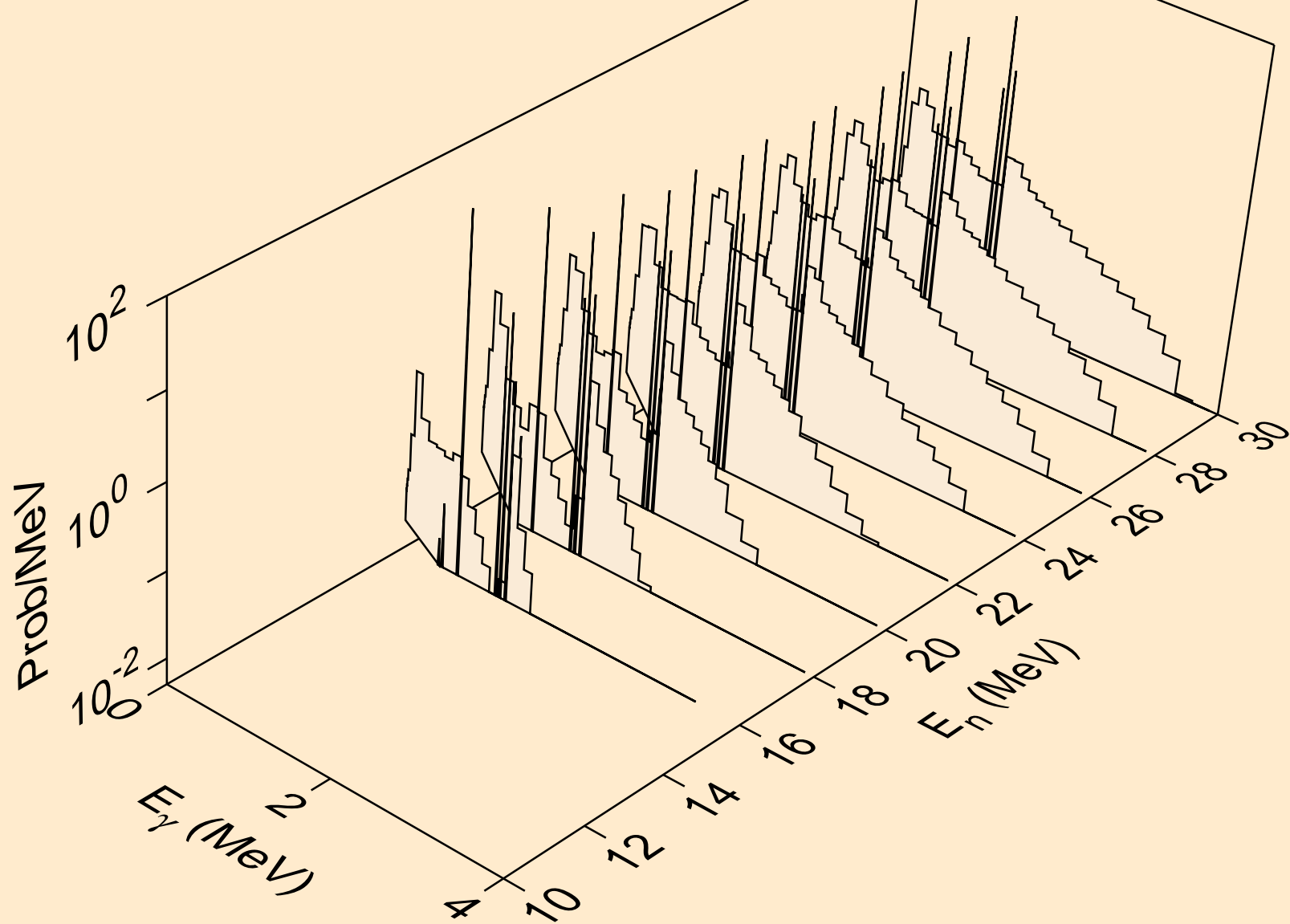
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Photon emission for (n,3n)a



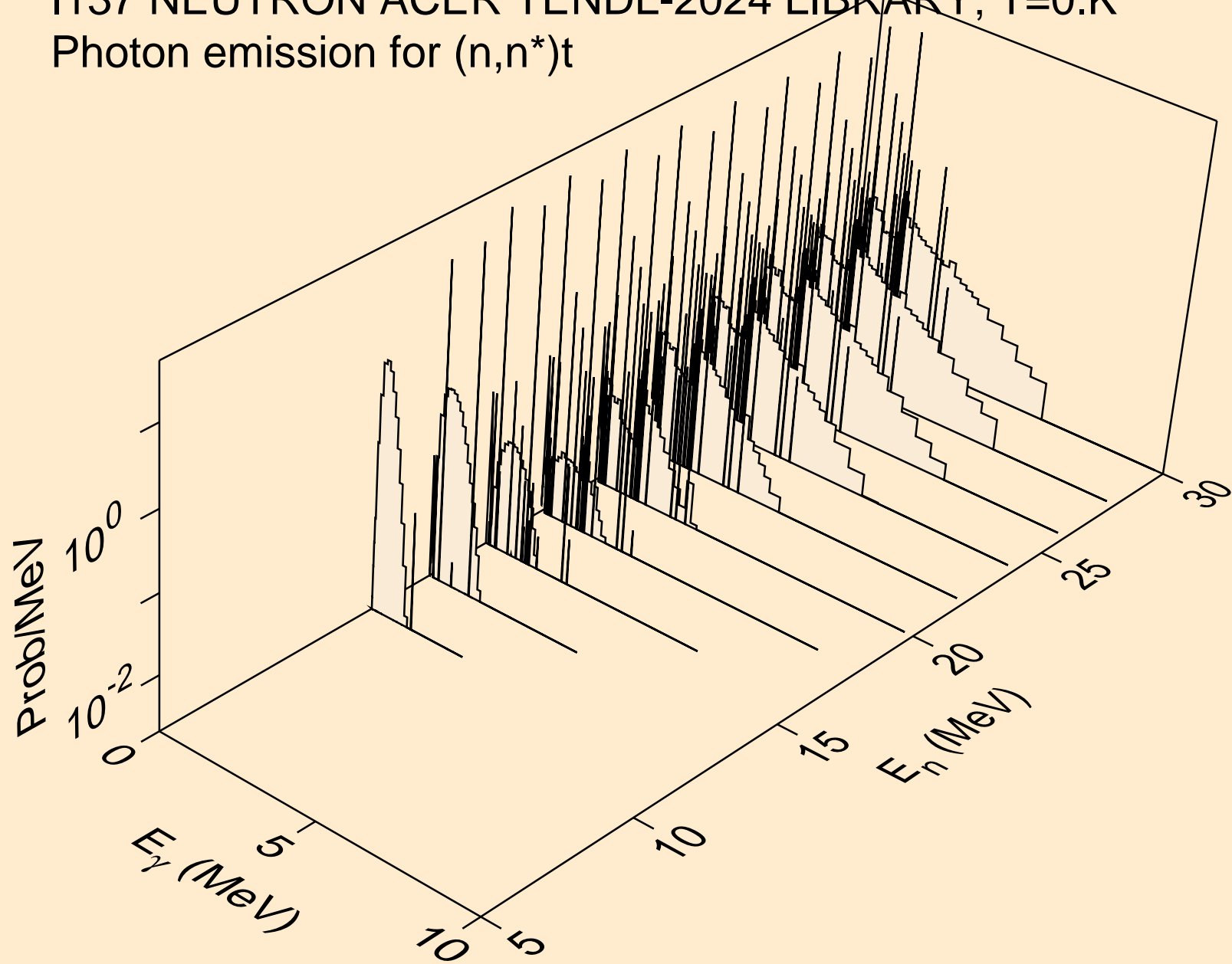
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



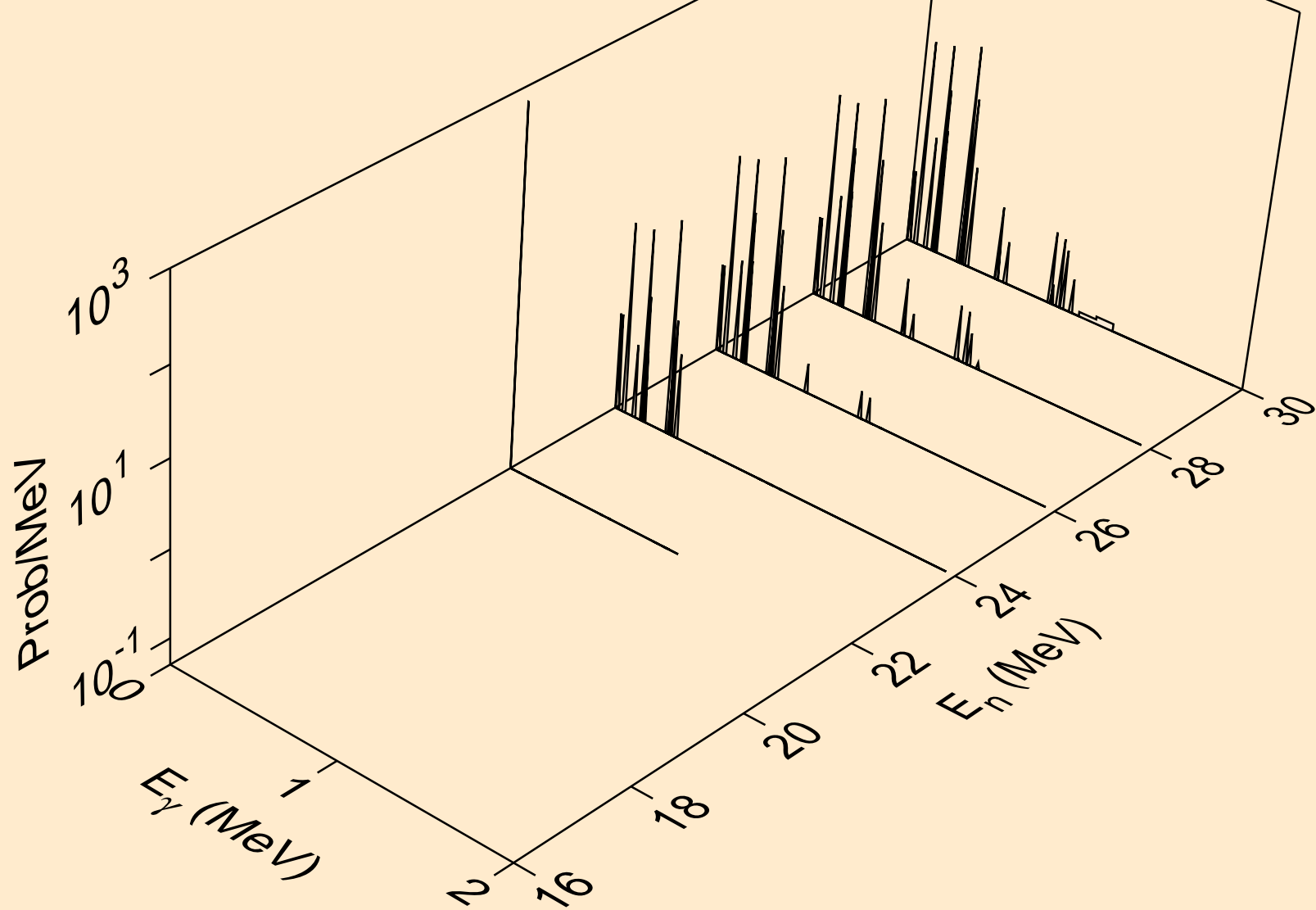
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Photon emission for (n,n\*)d



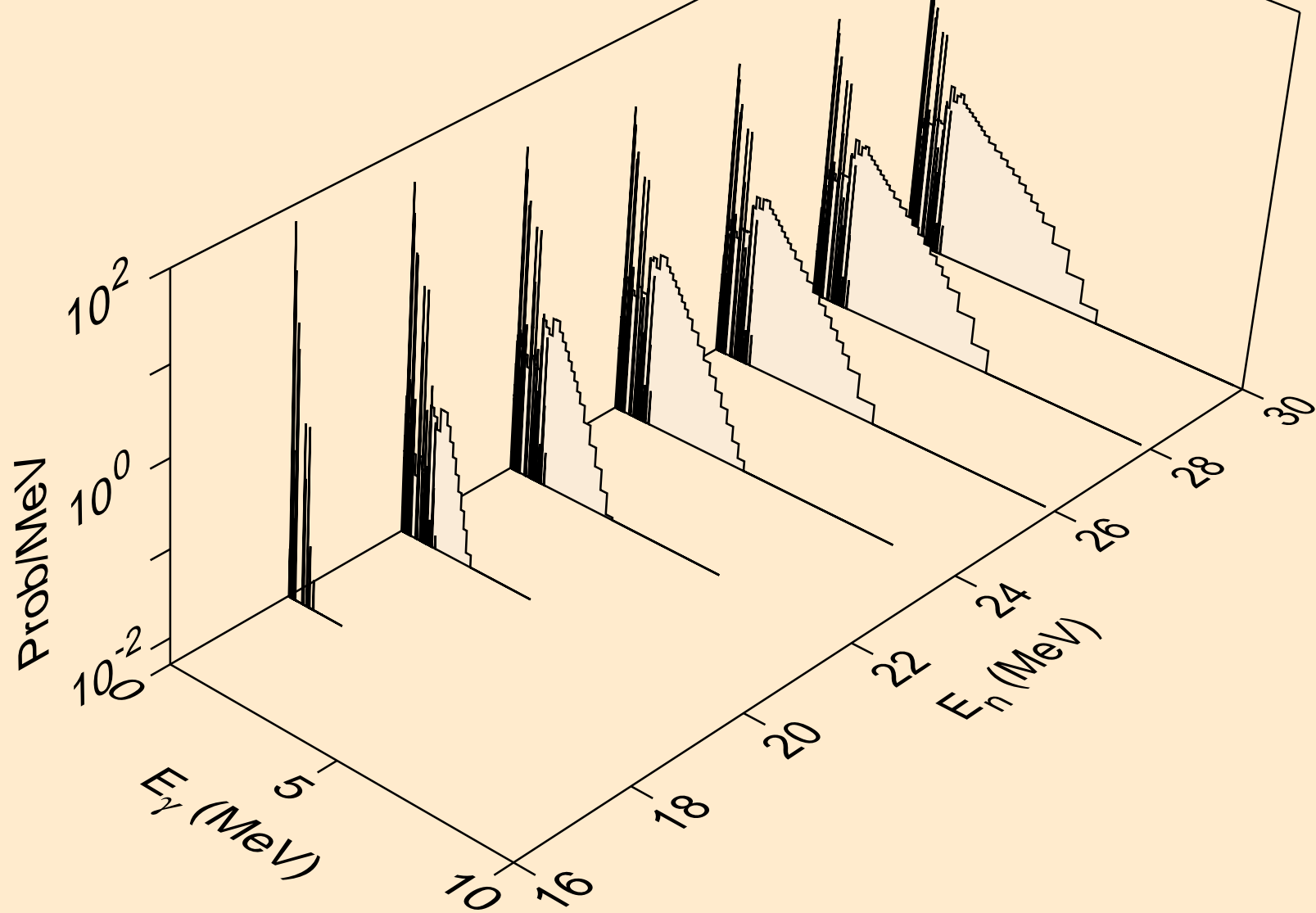
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Photon emission for (n,n\*)t



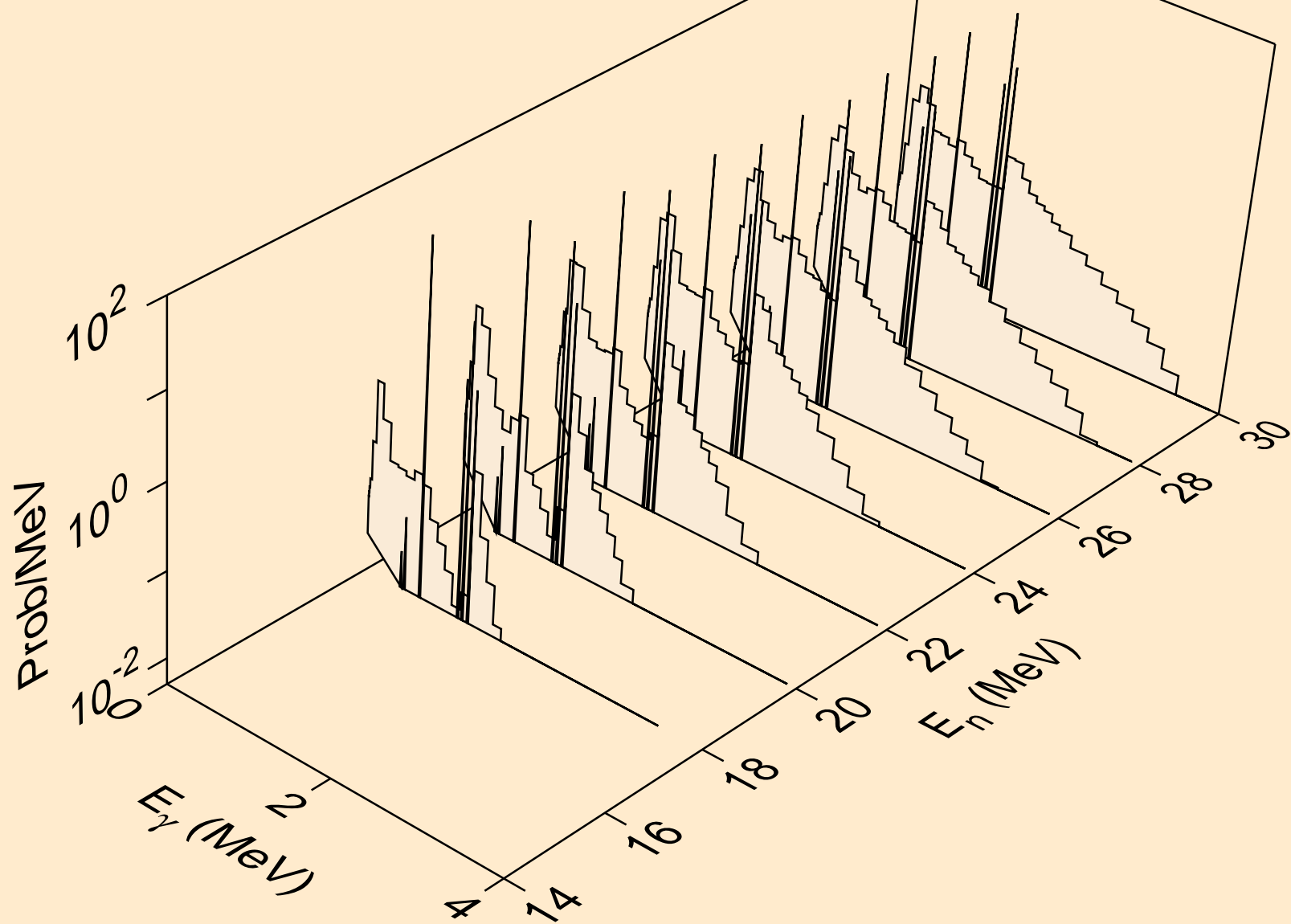
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



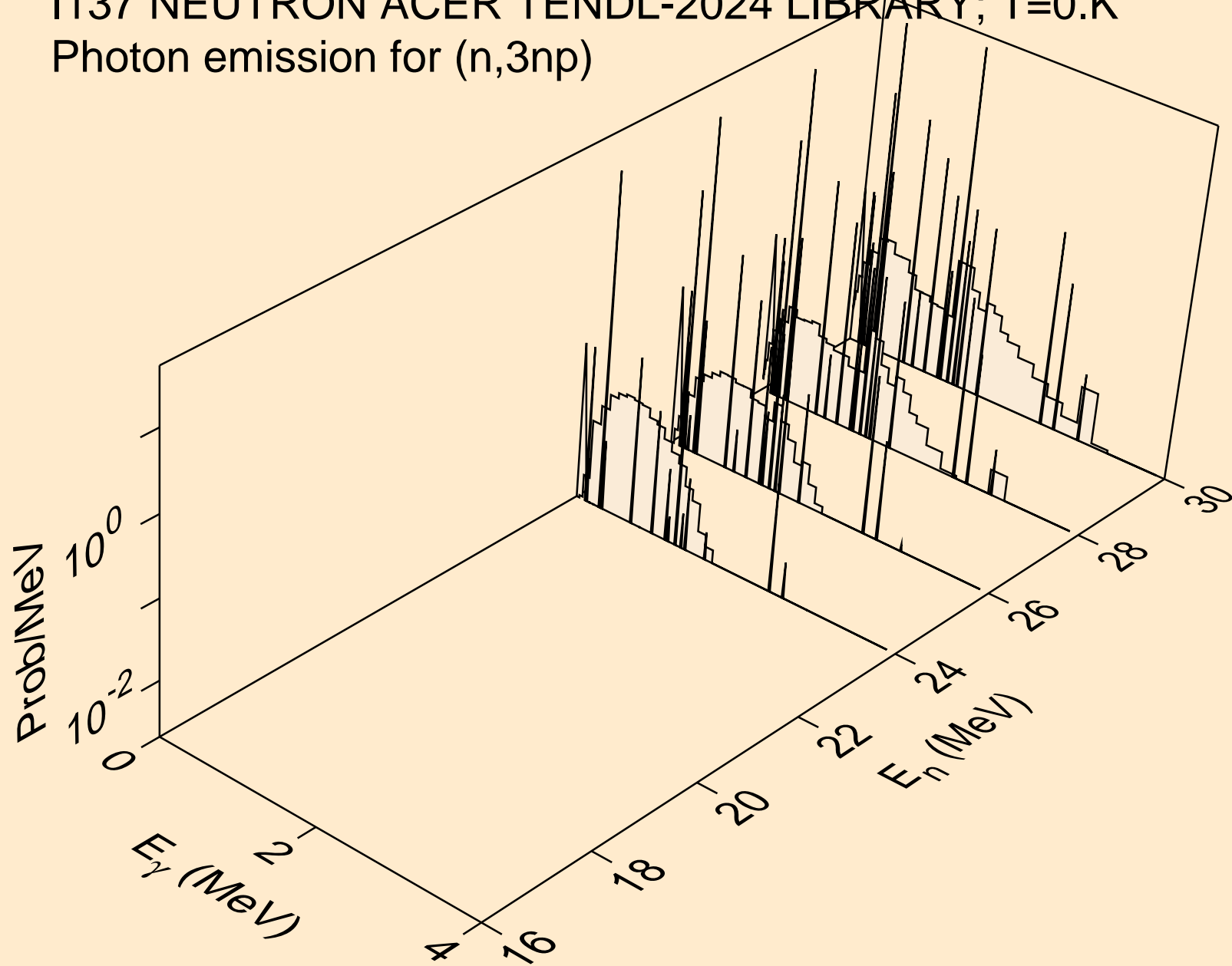
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



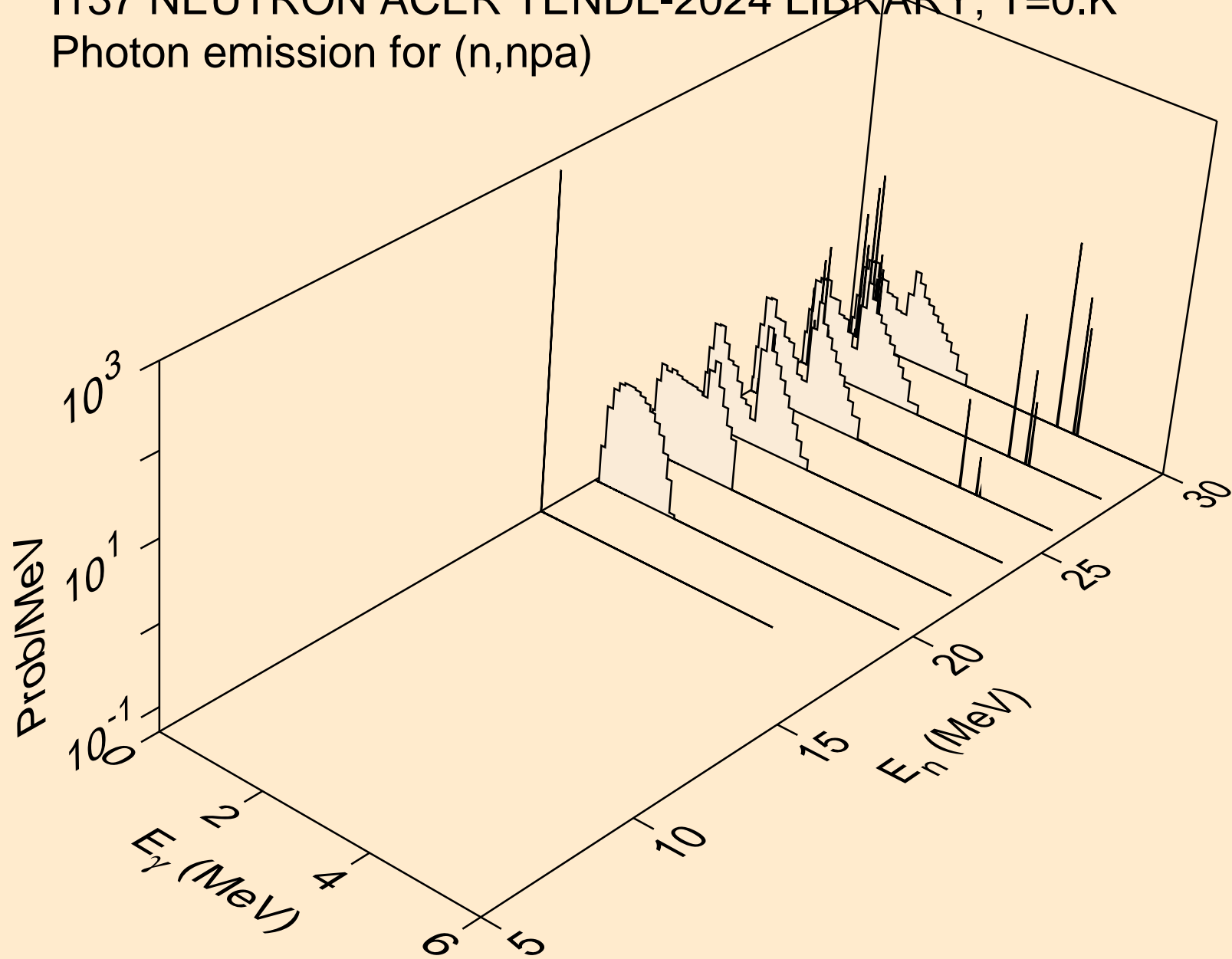
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



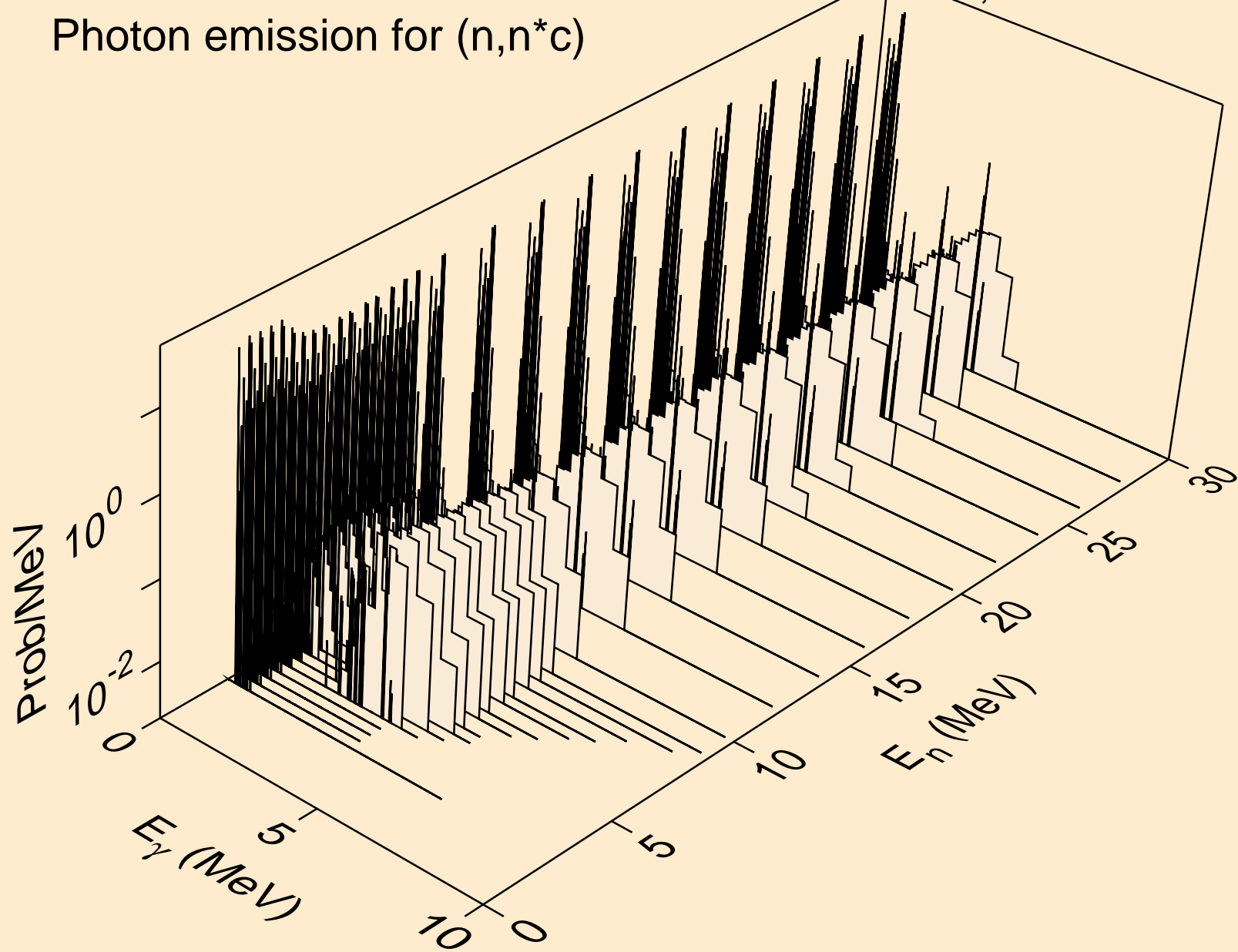
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Photon emission for (n,3np)



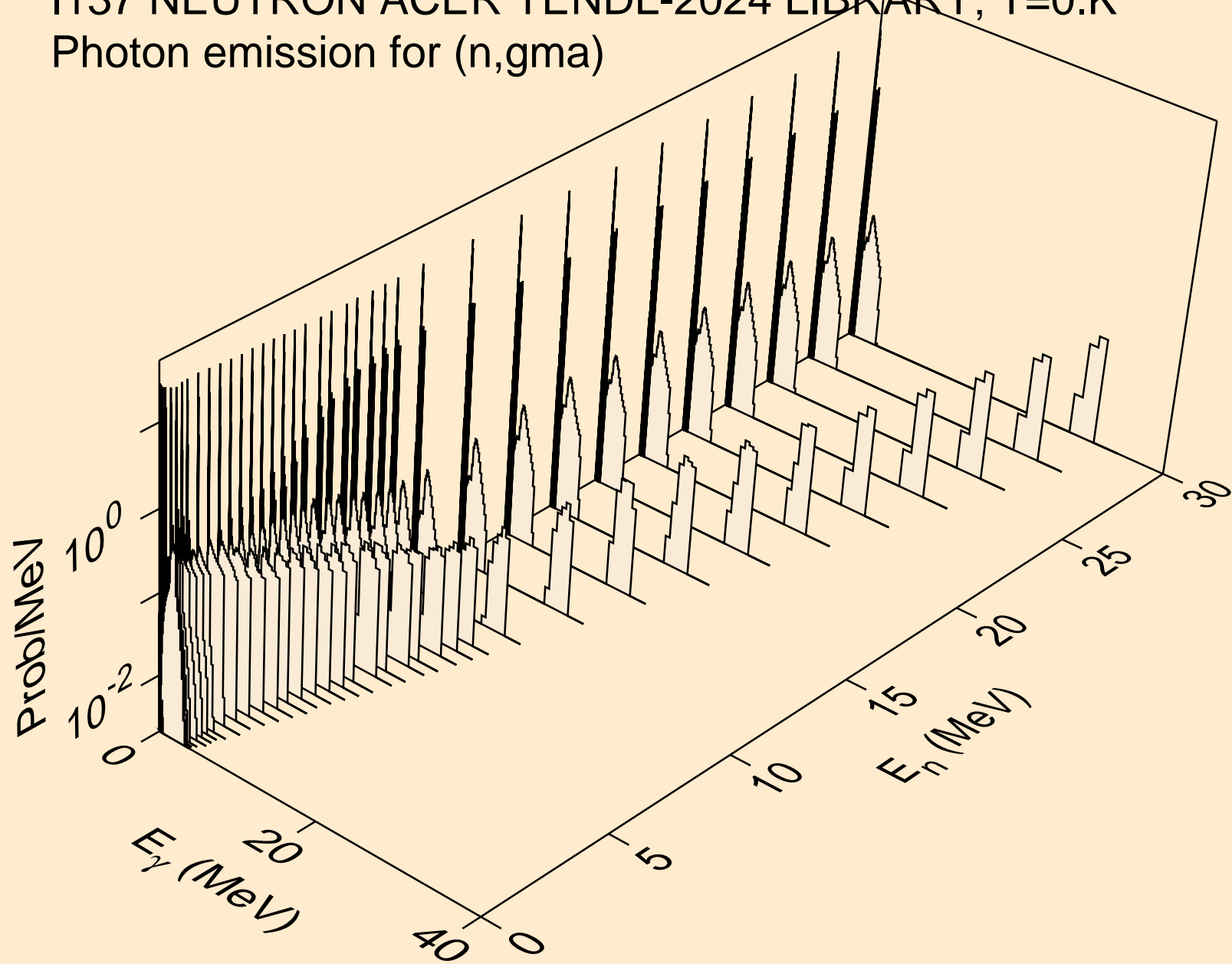
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Photon emission for (n,npa)



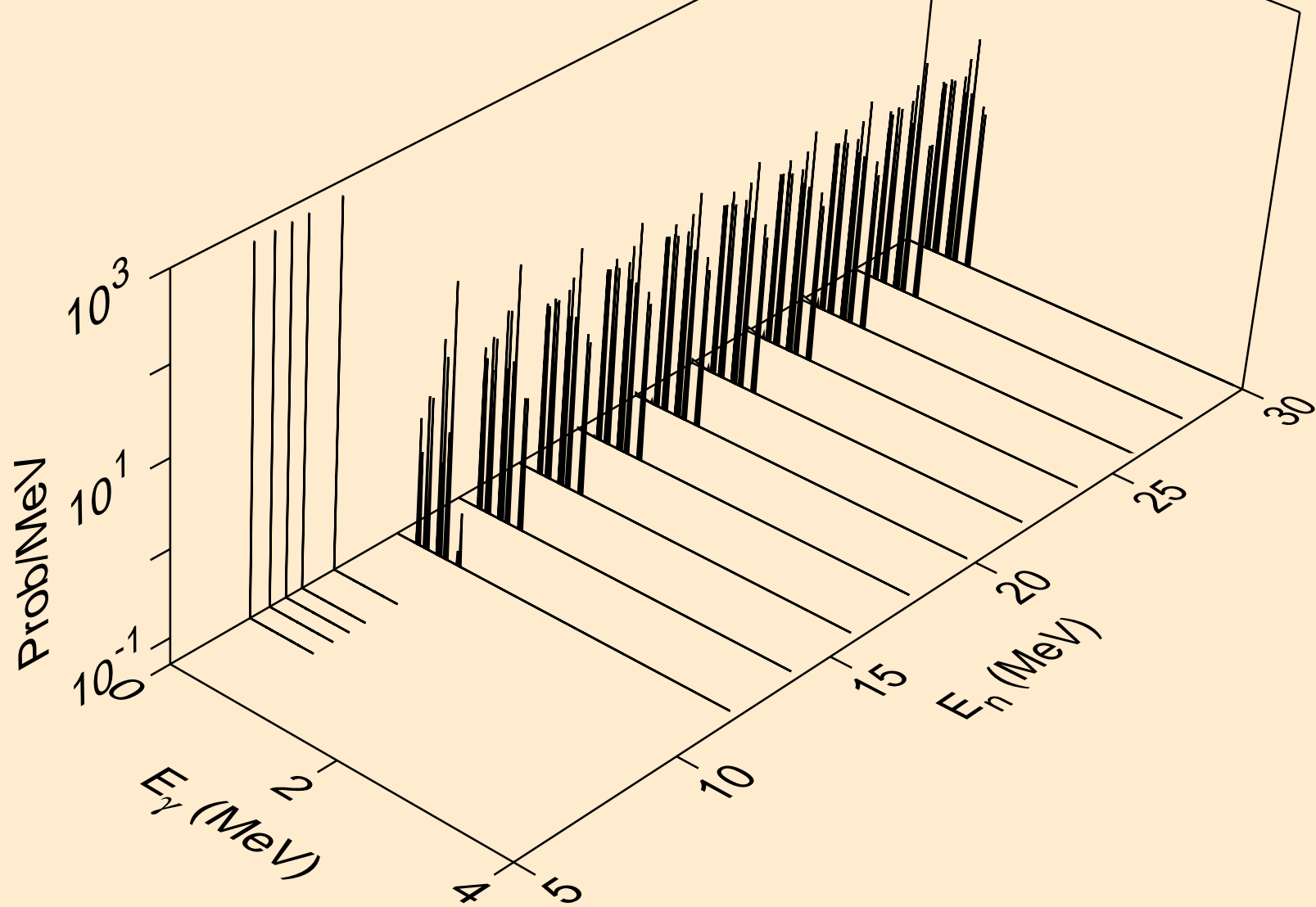
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Photon emission for (n,n\*c)



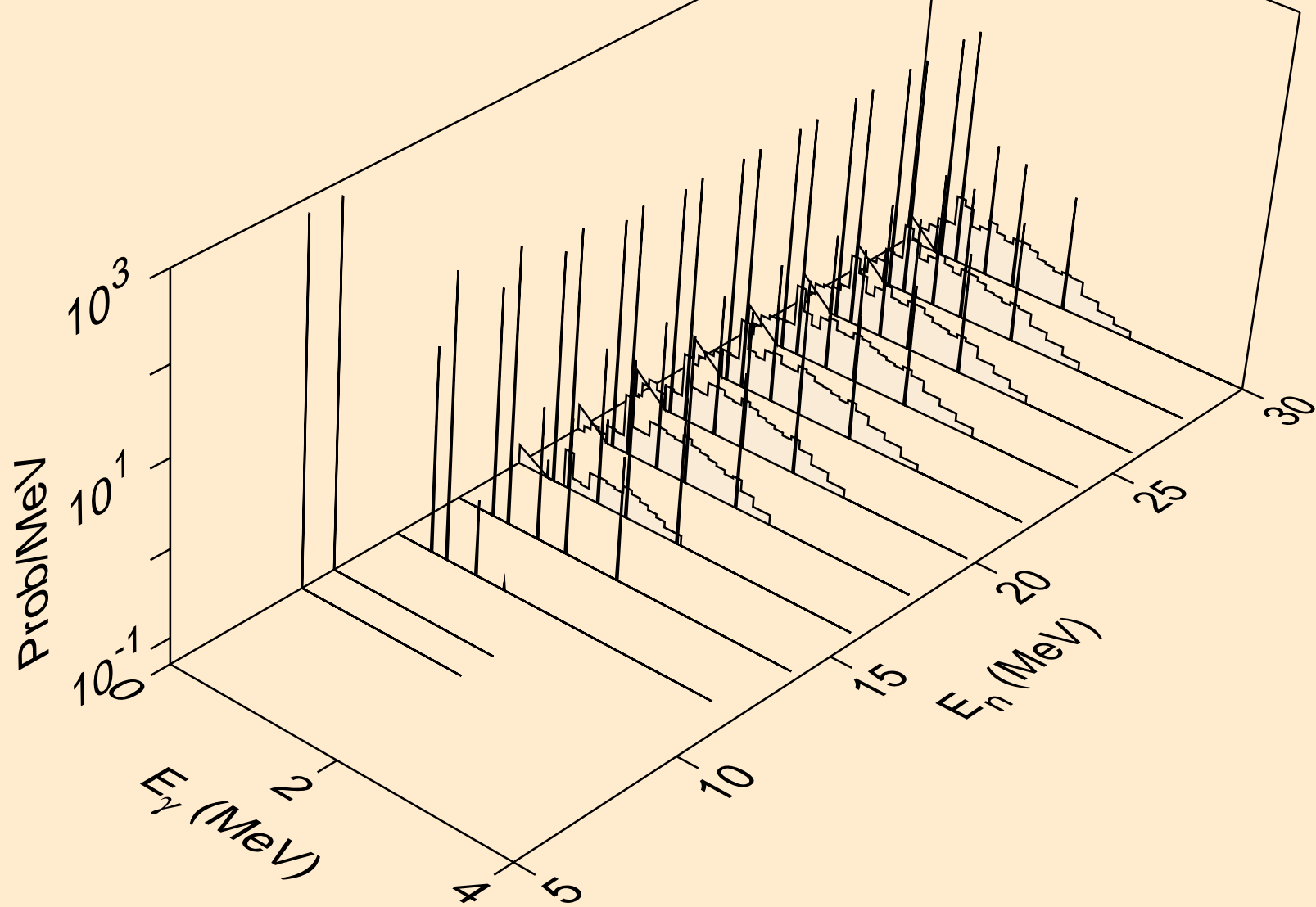
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Photon emission for (n,gma)



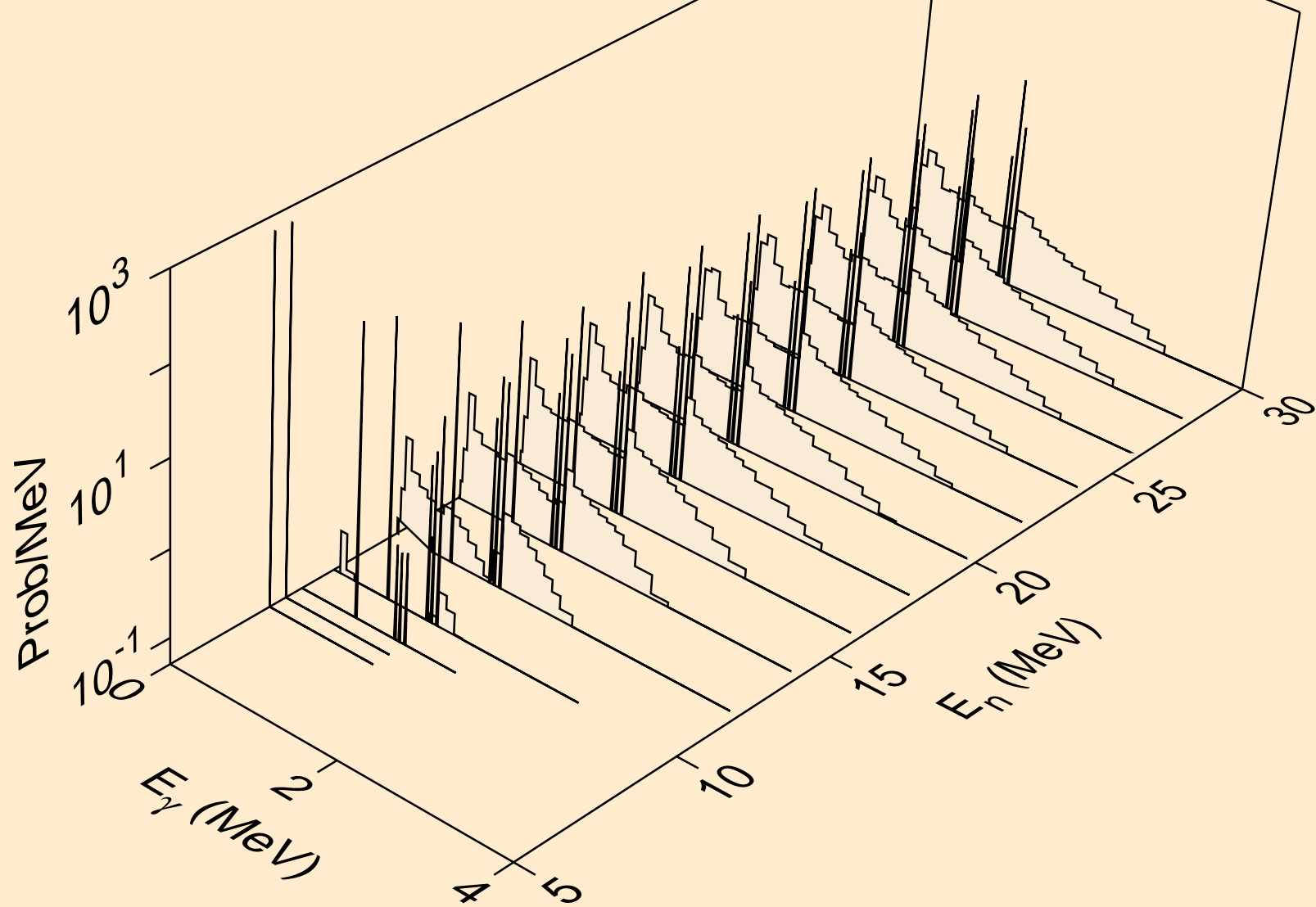
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



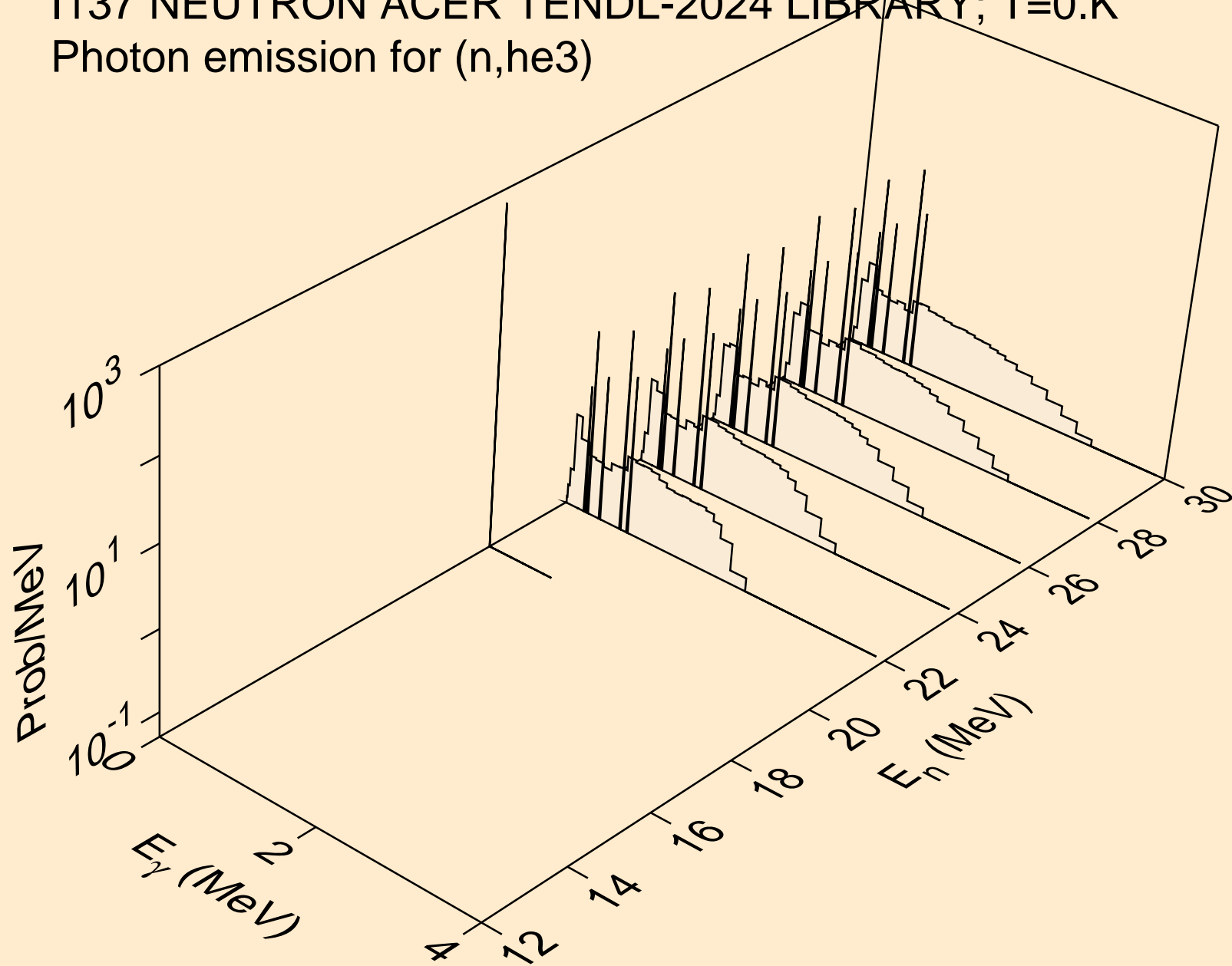
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



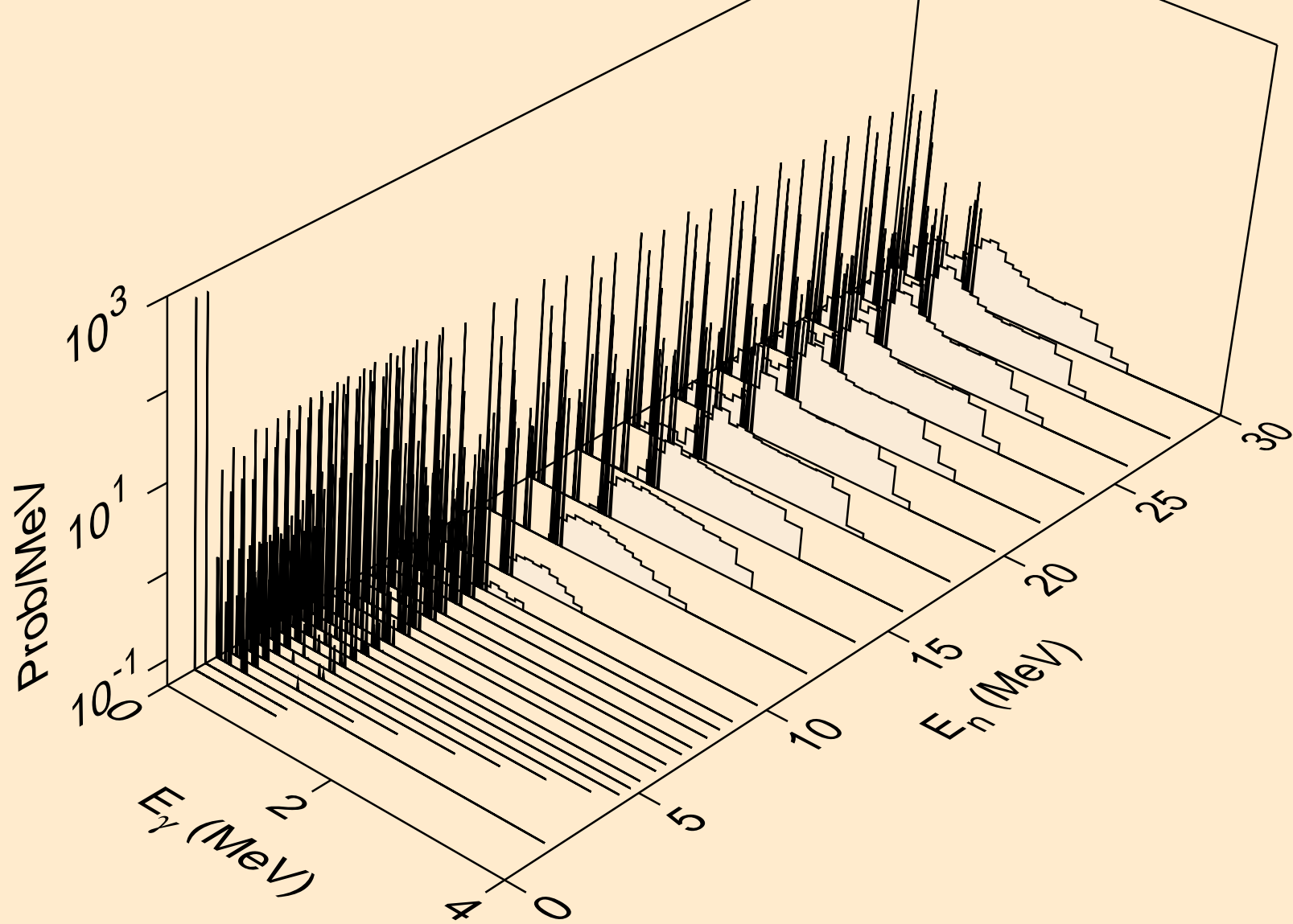
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



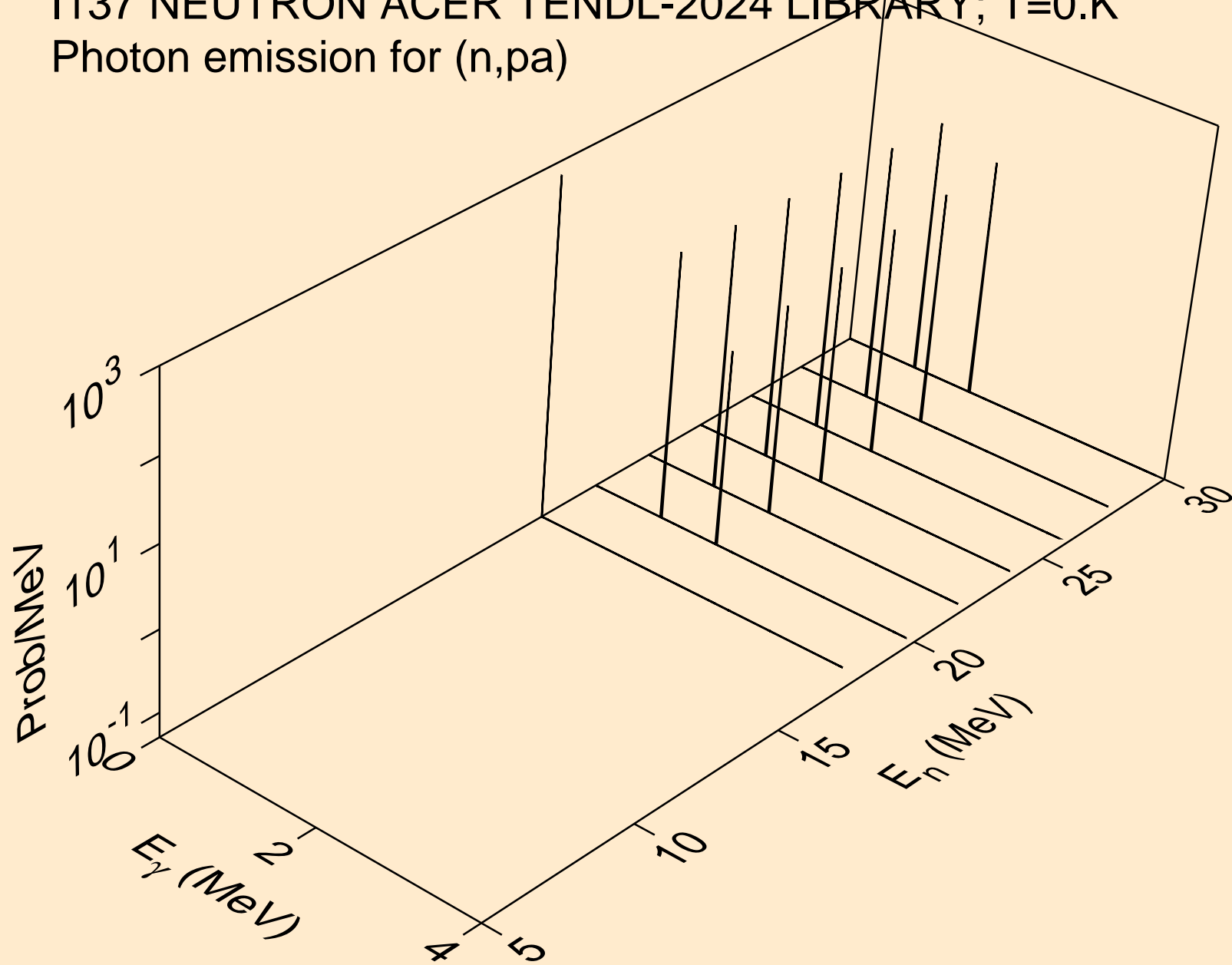
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



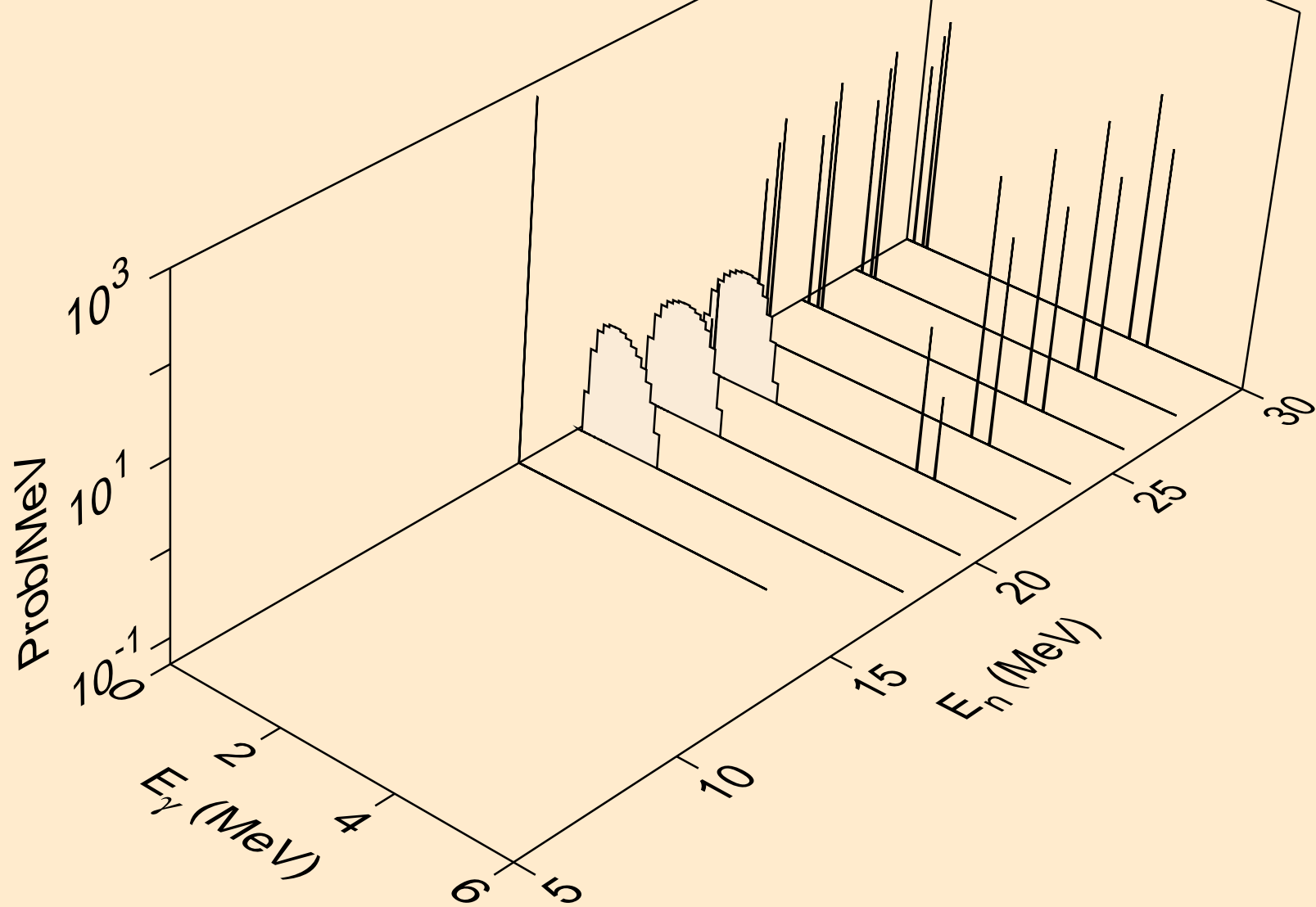
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



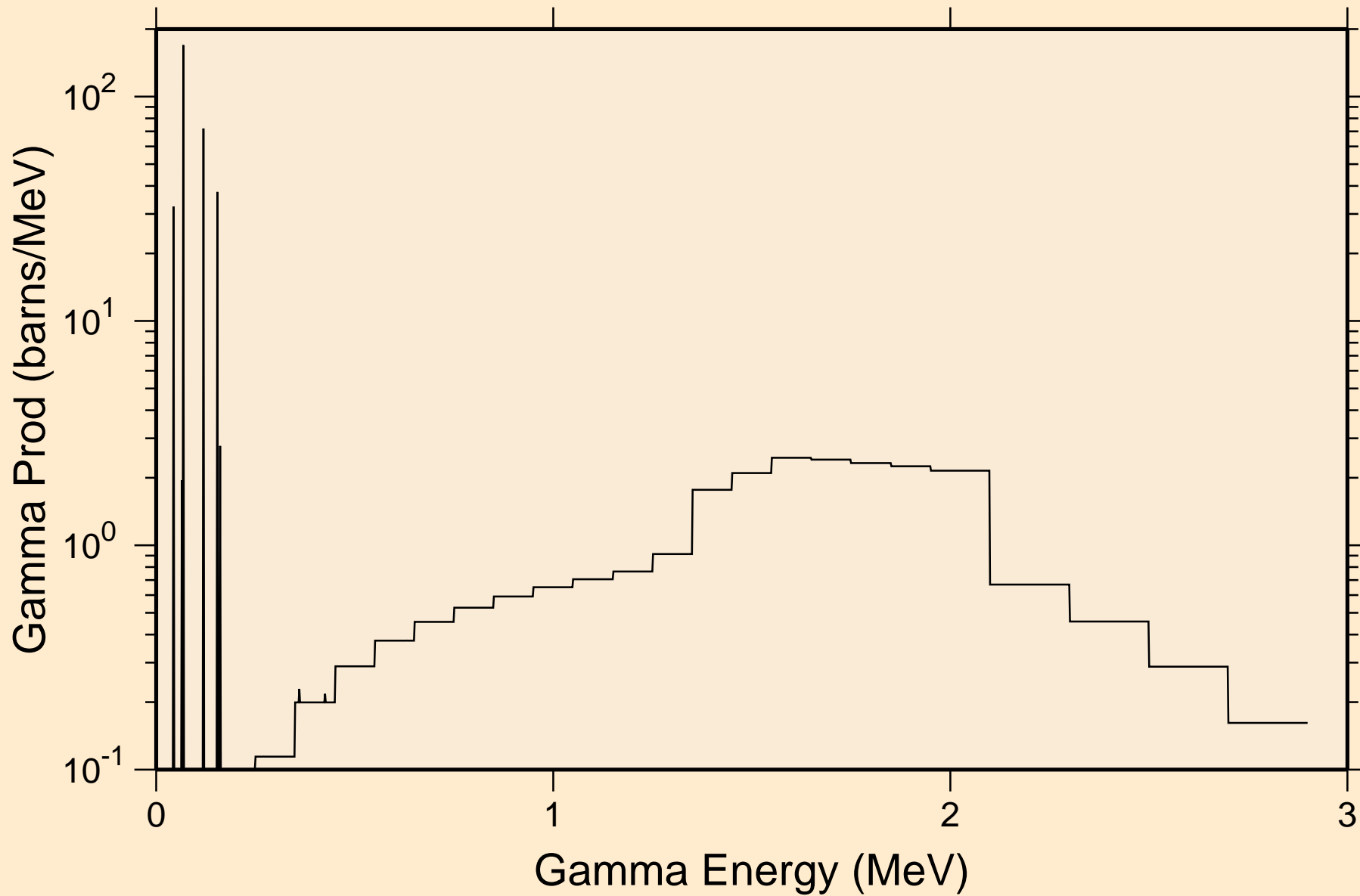
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



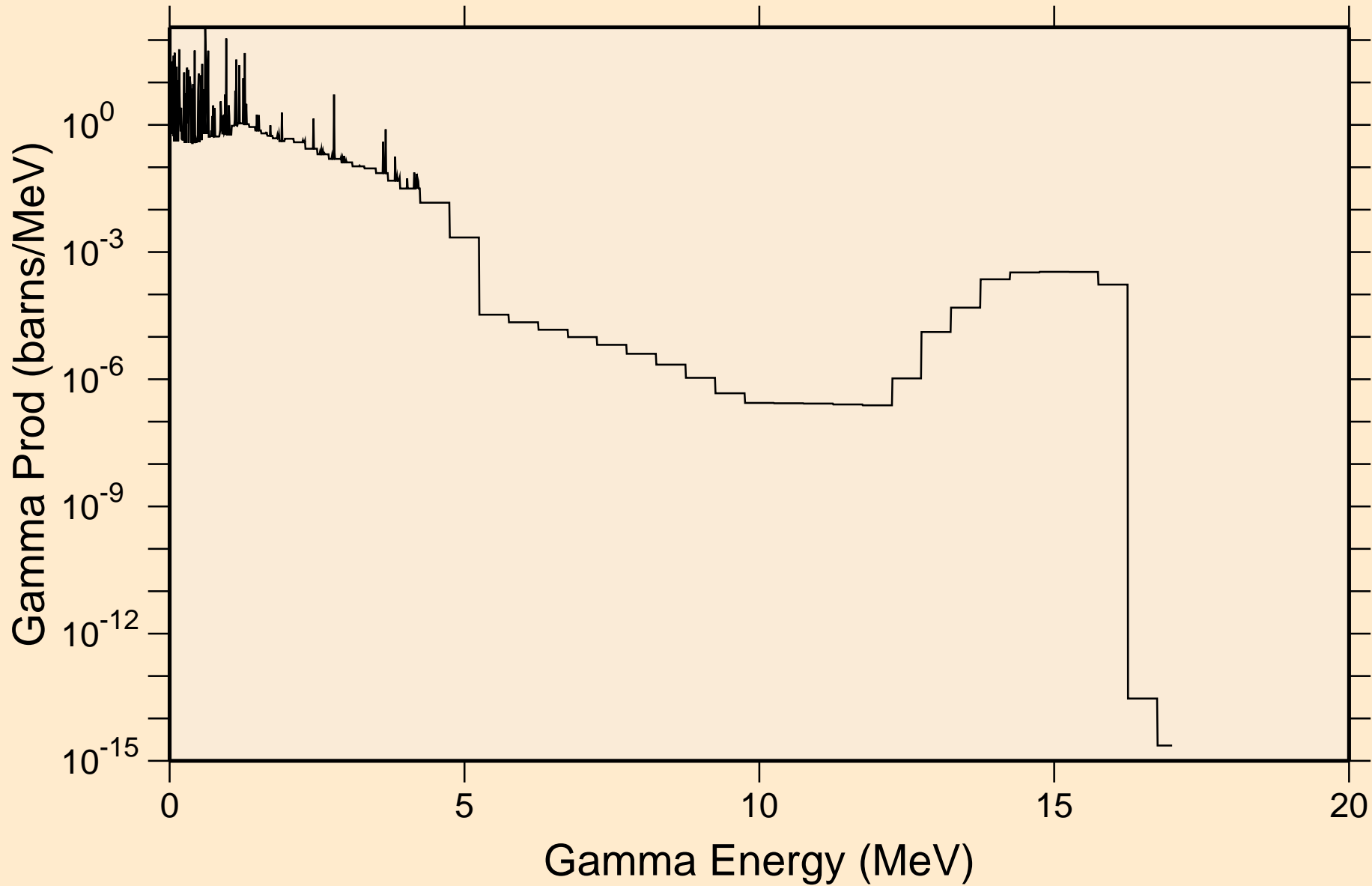
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

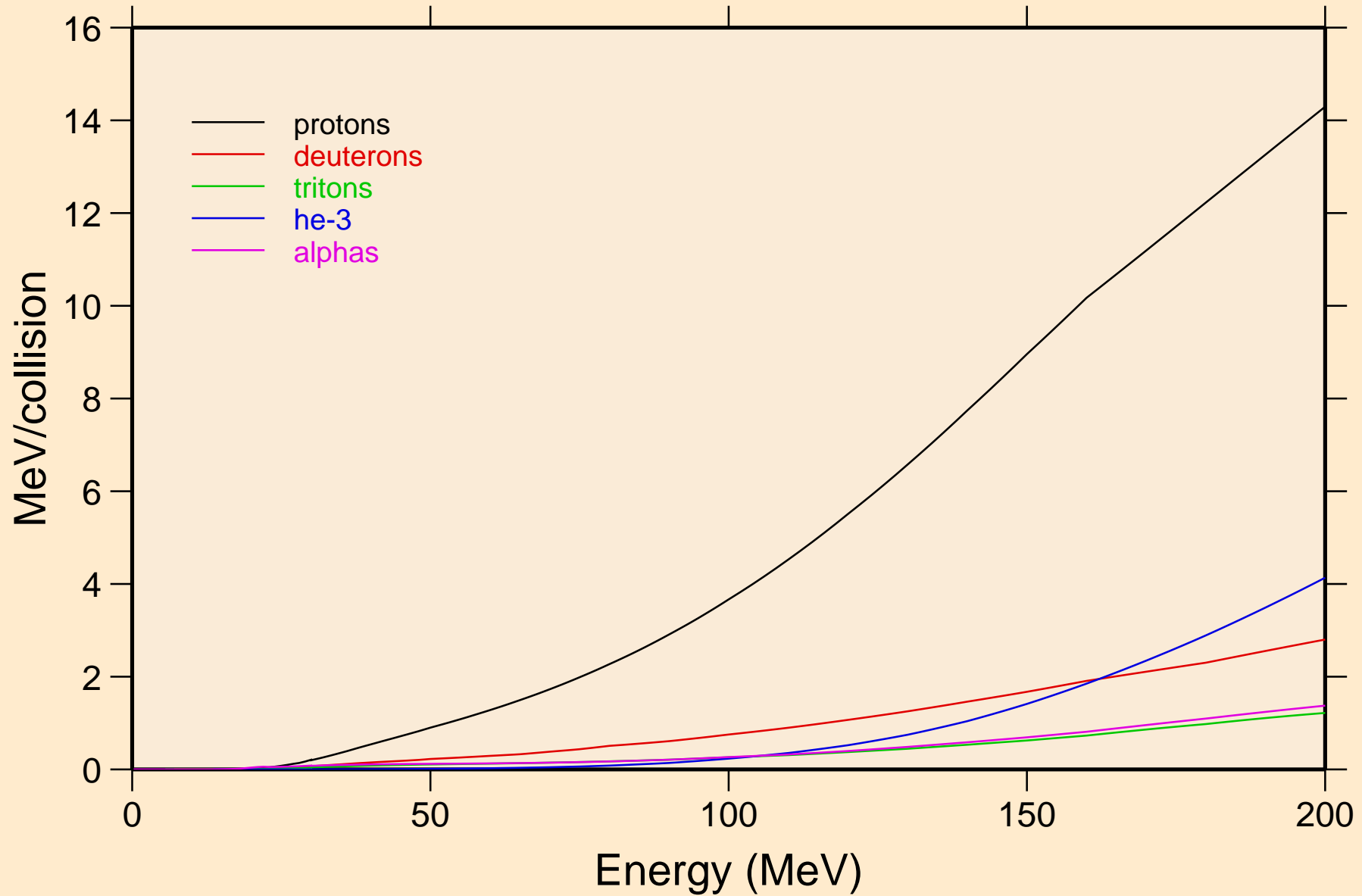


I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



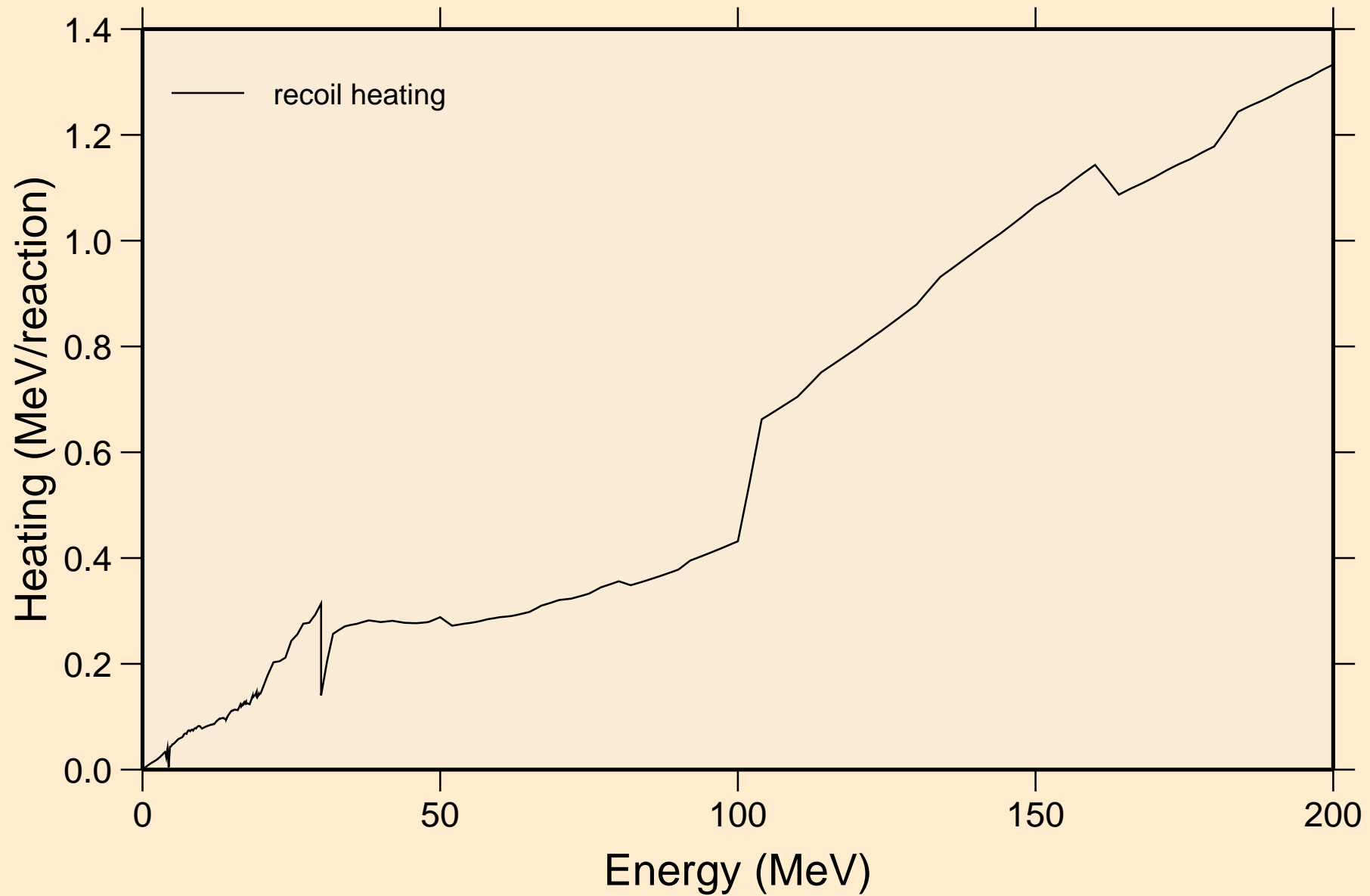
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## Particle heating contributions



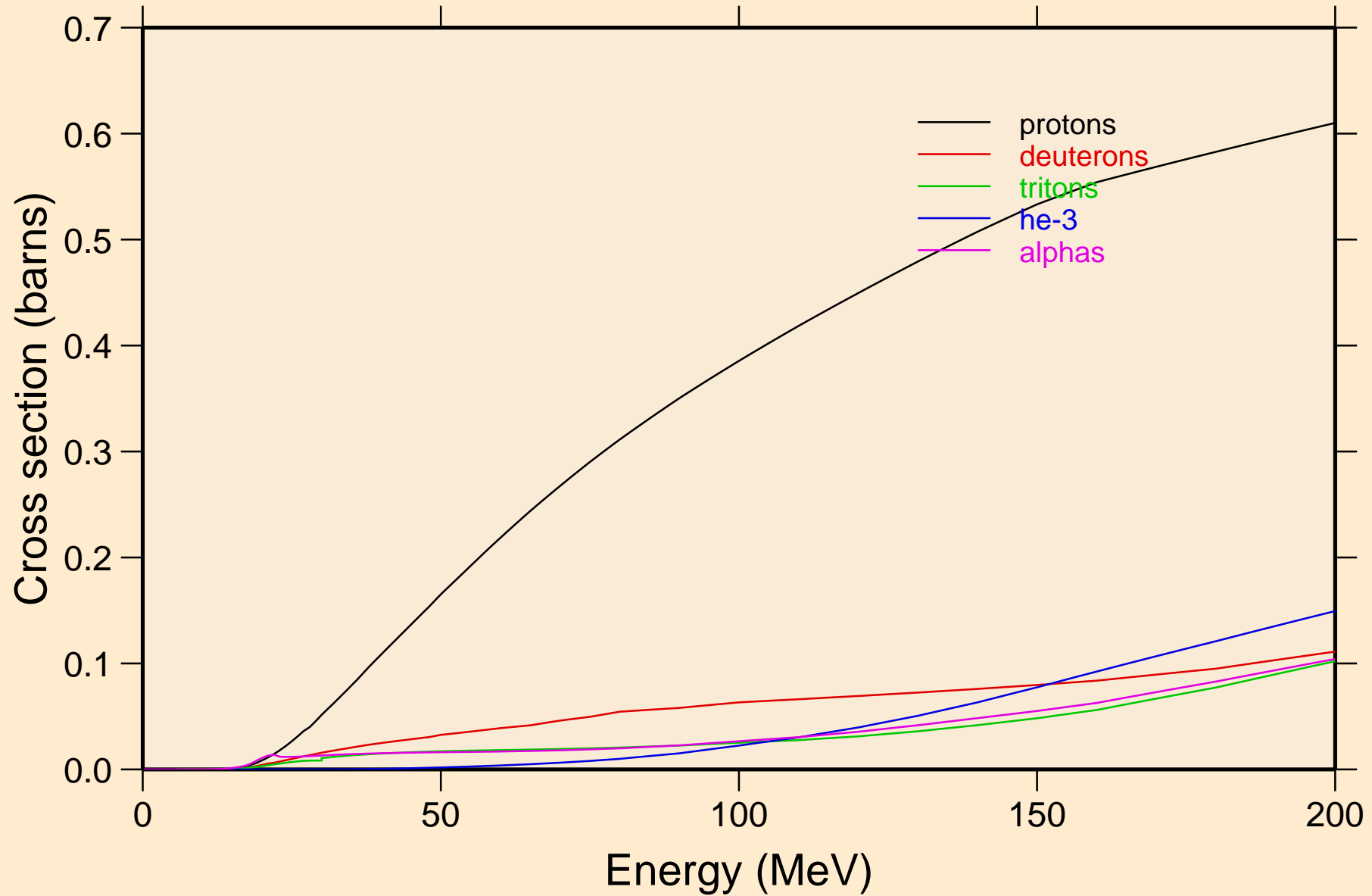
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## Recoil Heating

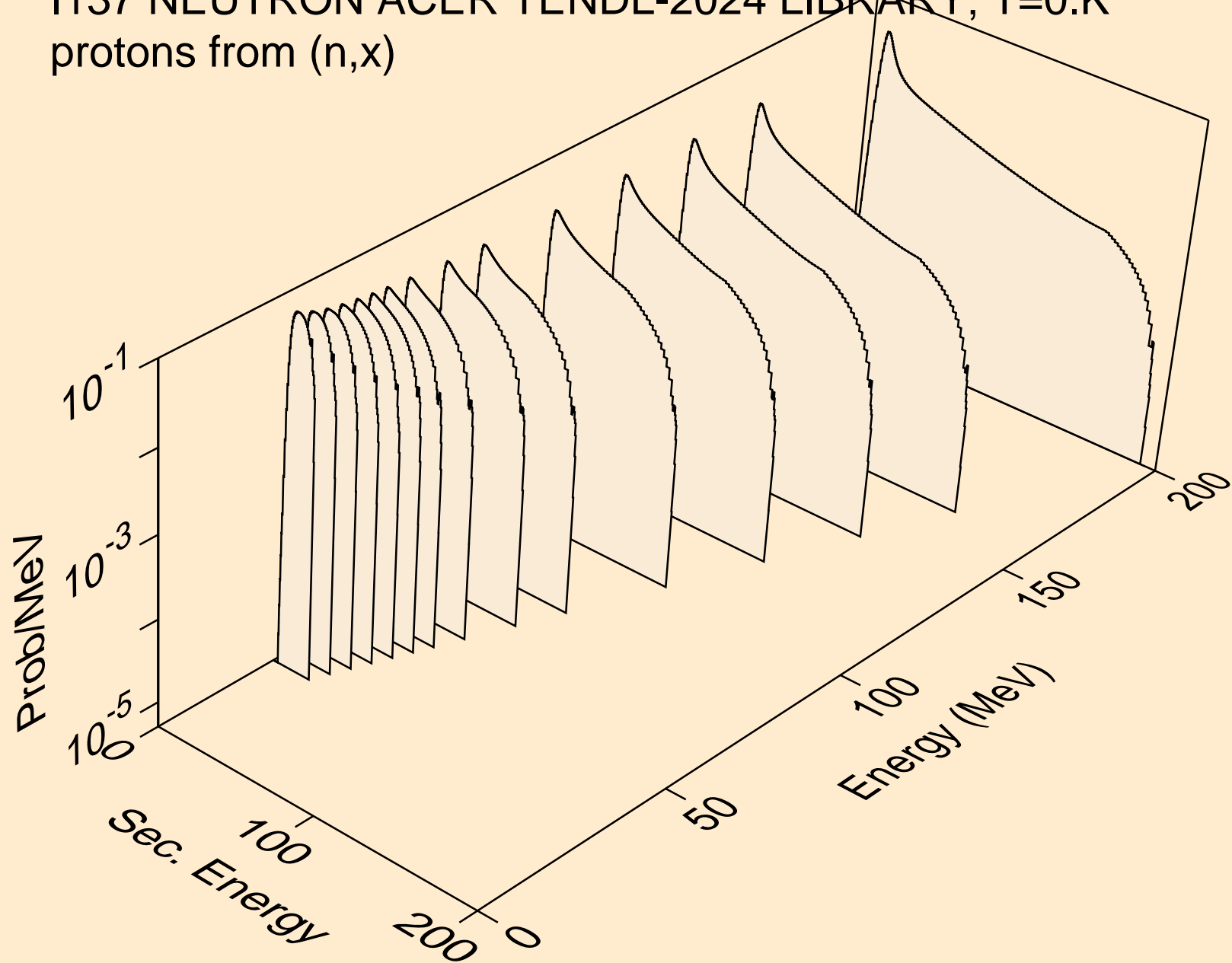


# I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

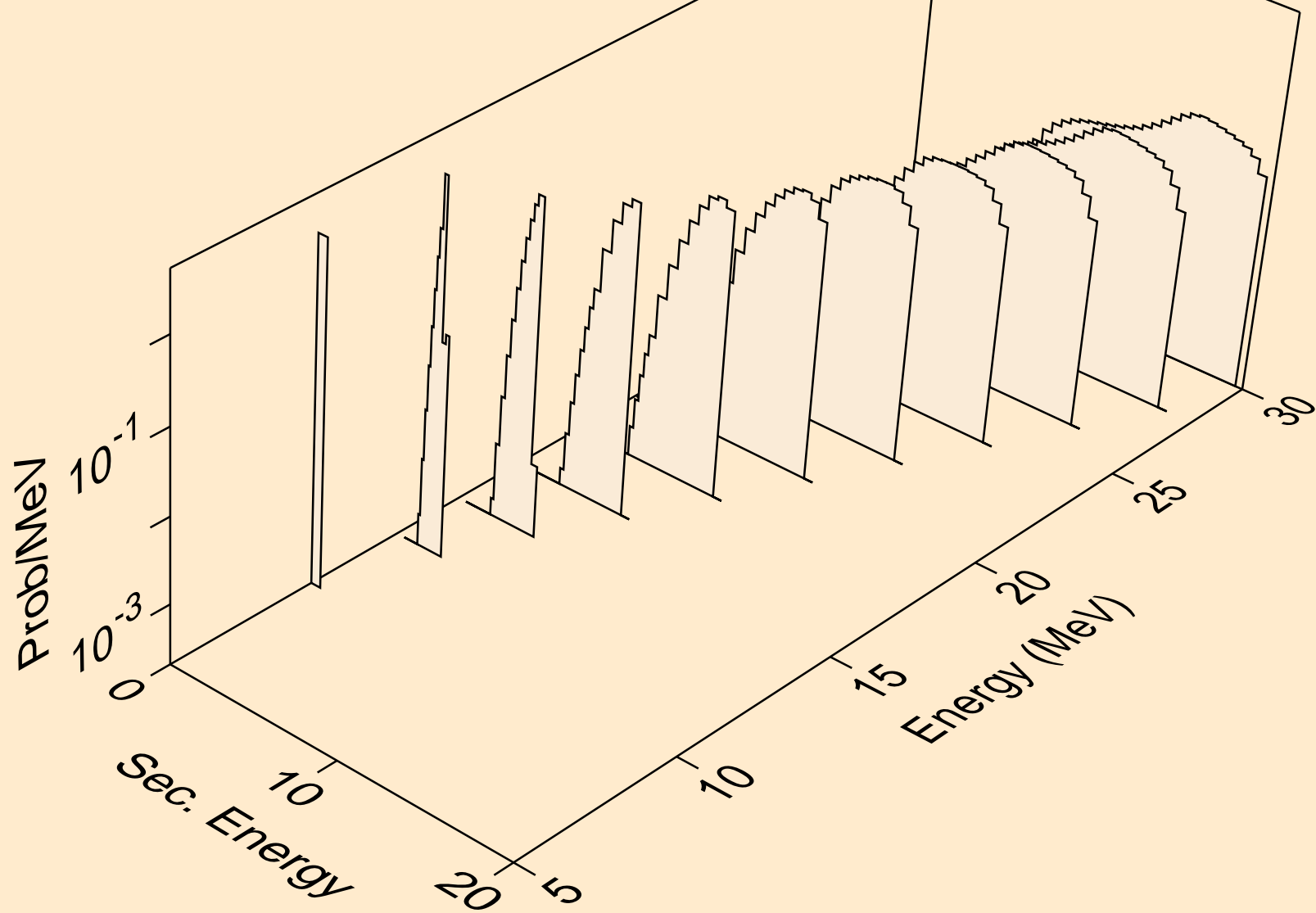
## Particle production cross sections



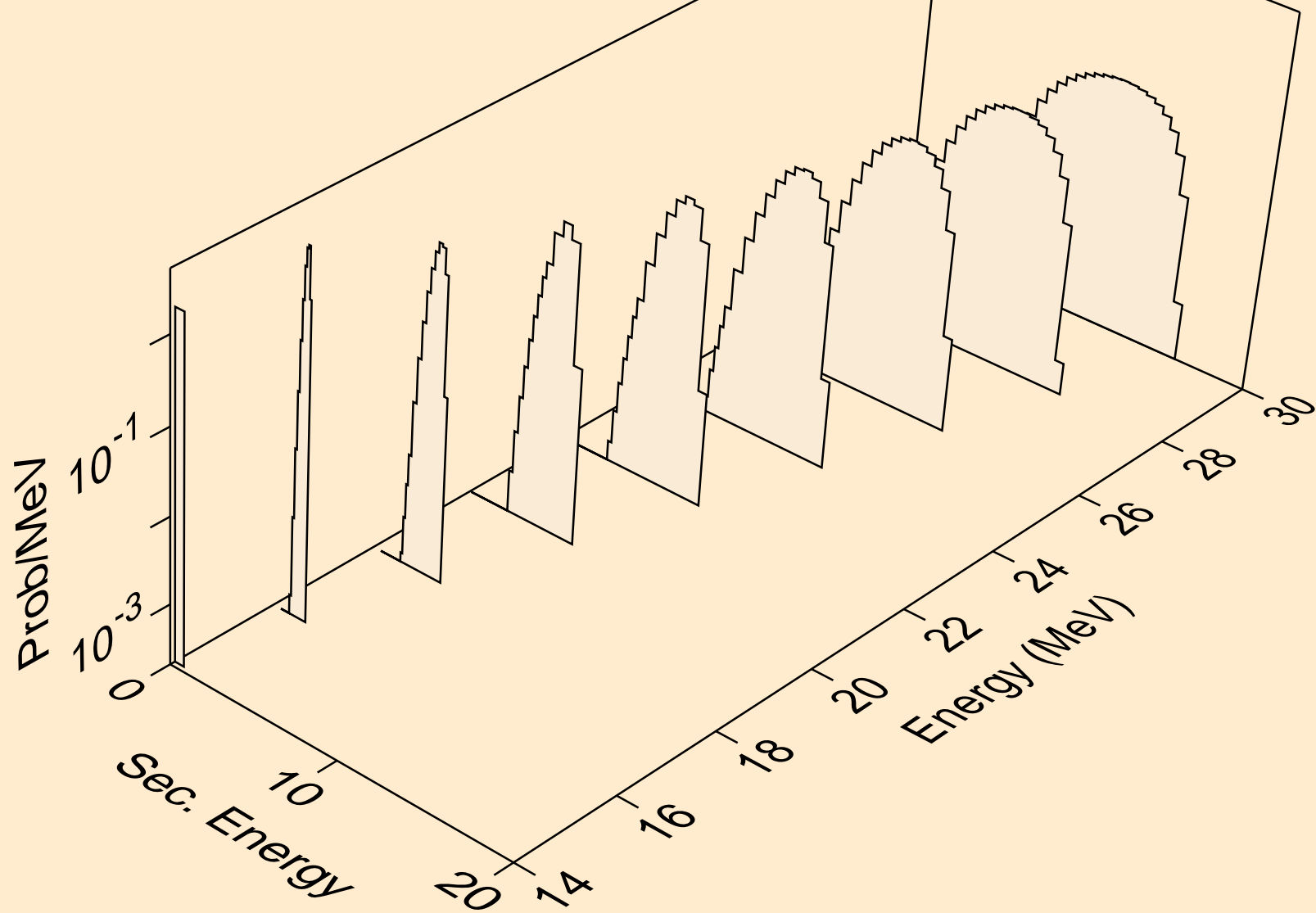
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



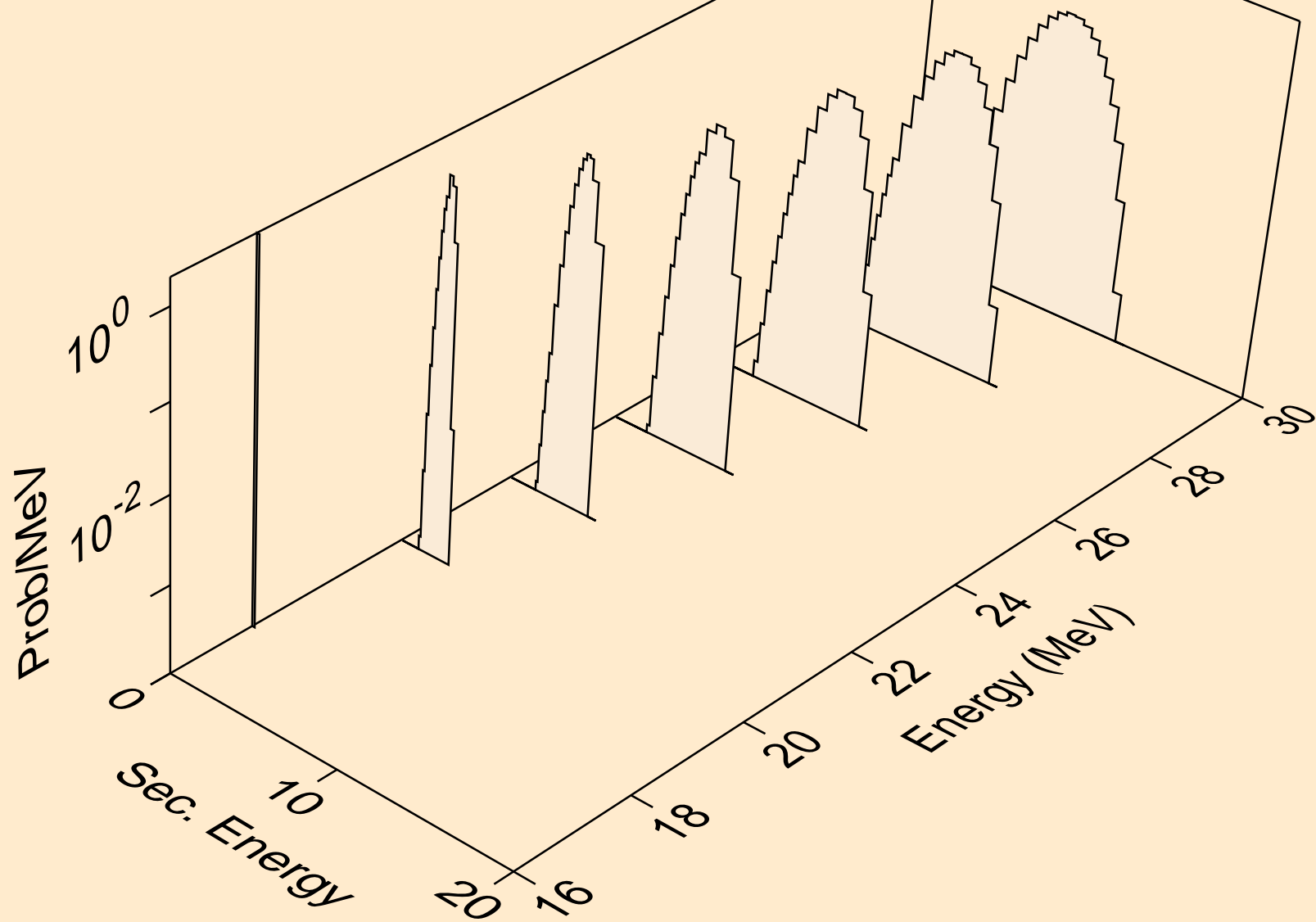
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protons from (n,n\*)p



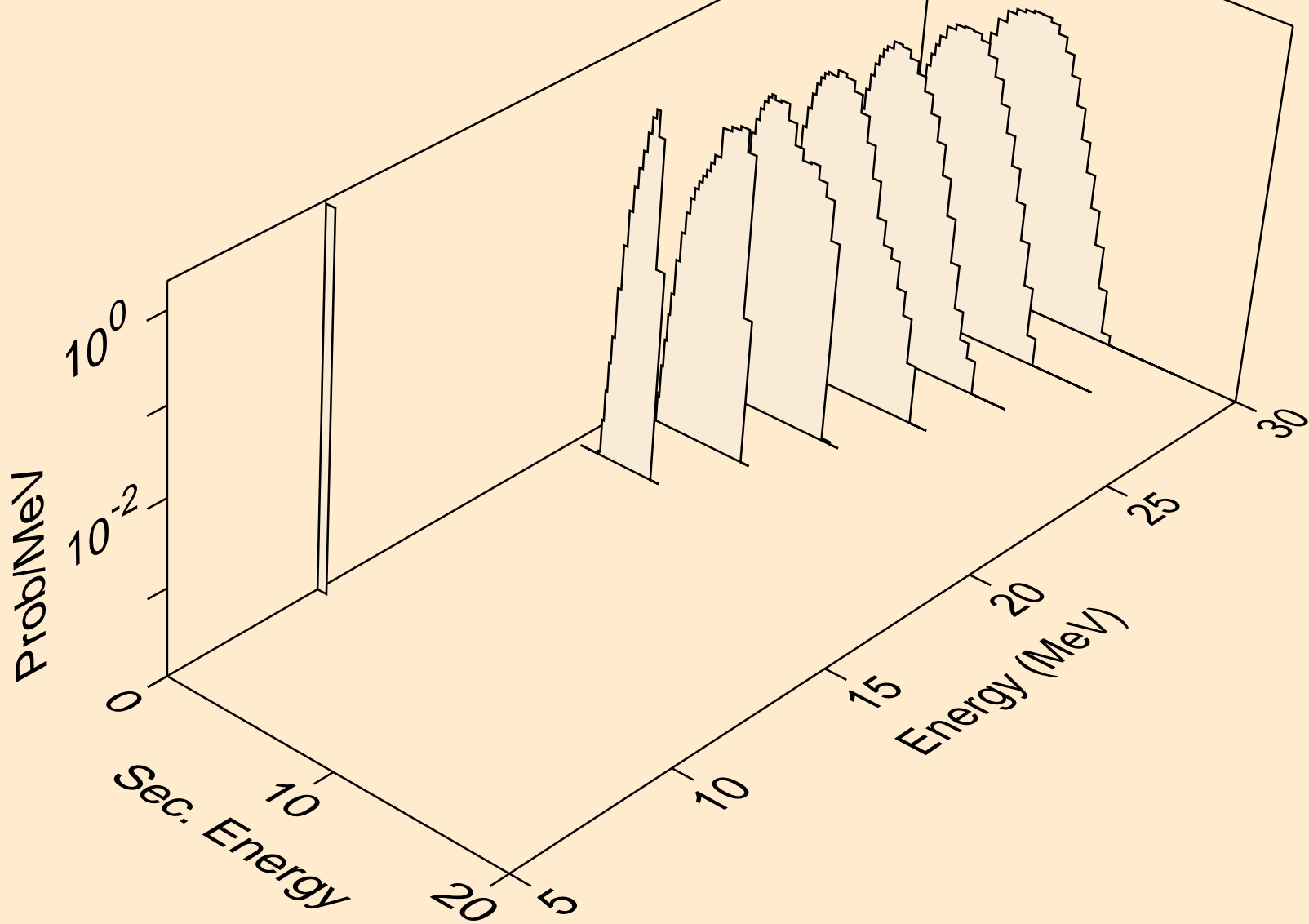
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protons from (n,2np)



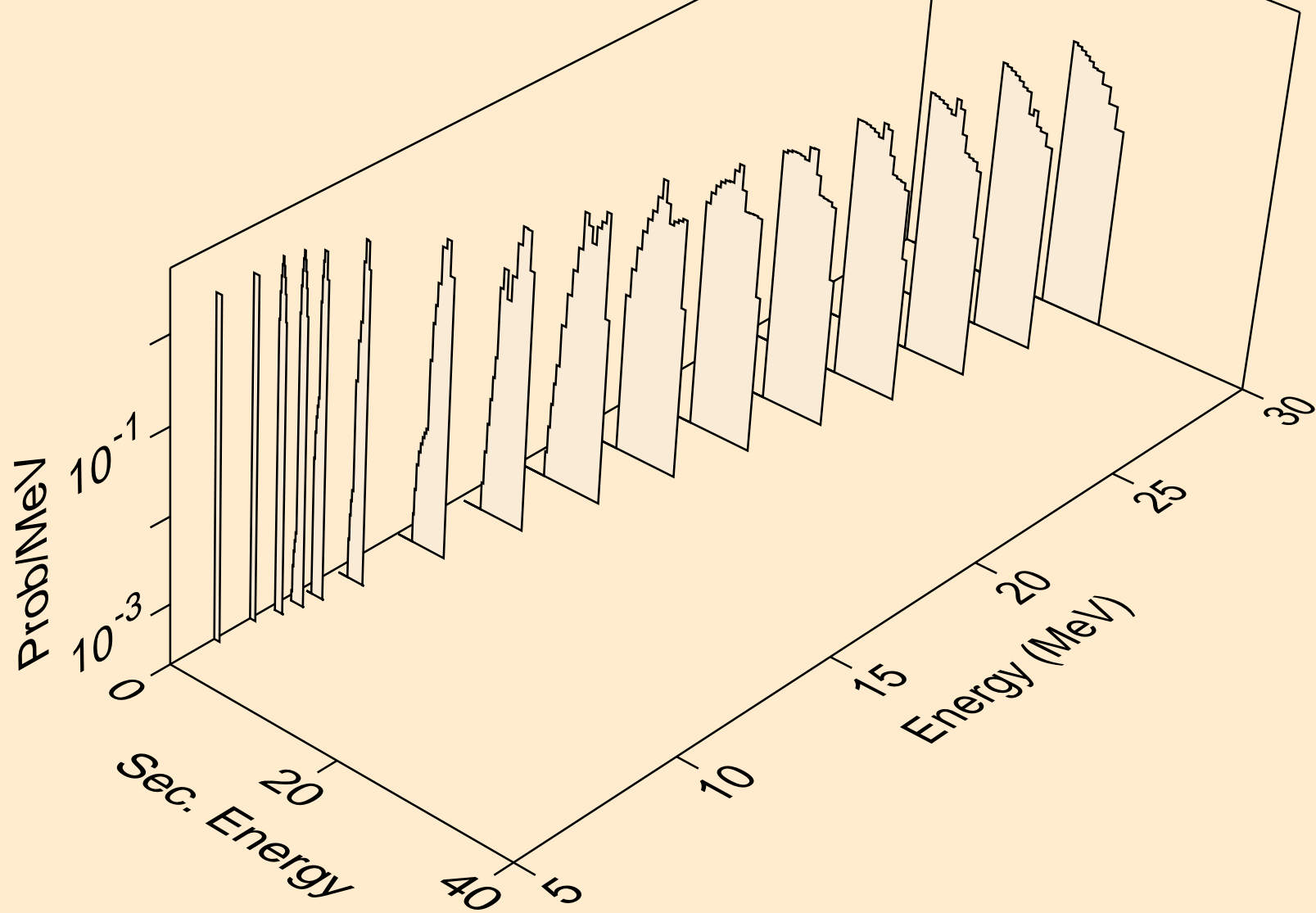
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protons from (n,3np)



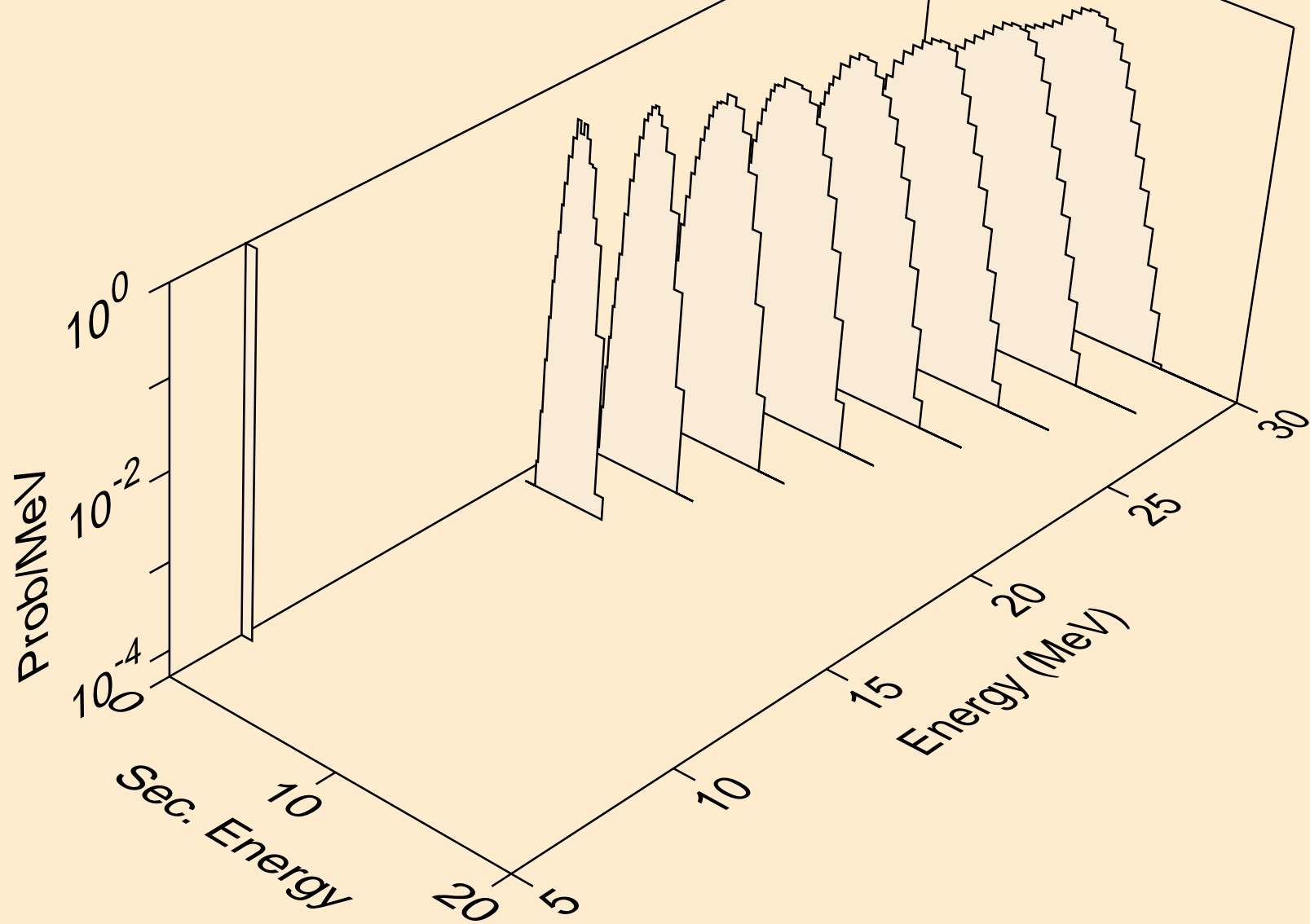
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protons from (n,npa)



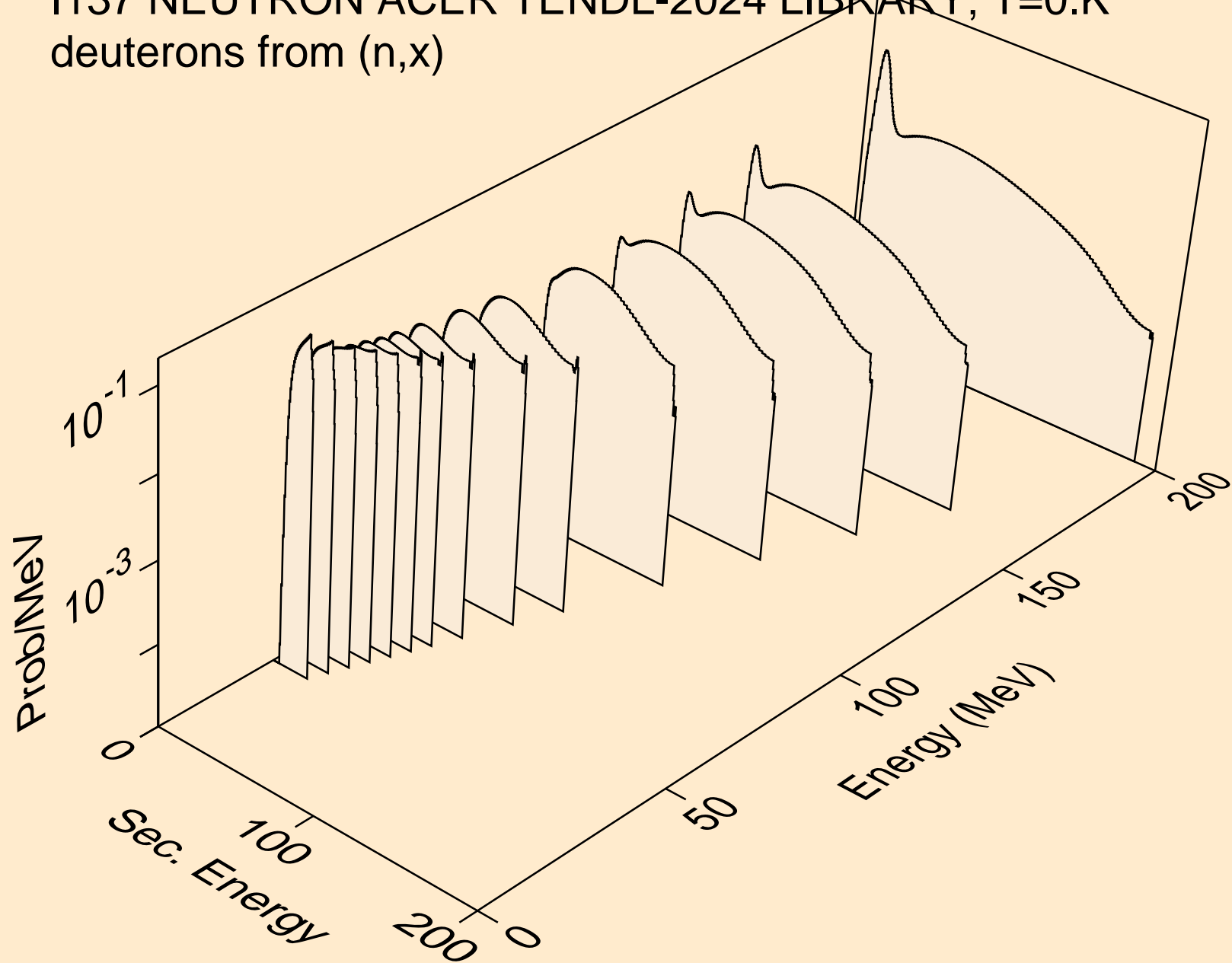
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protons from (n,p)



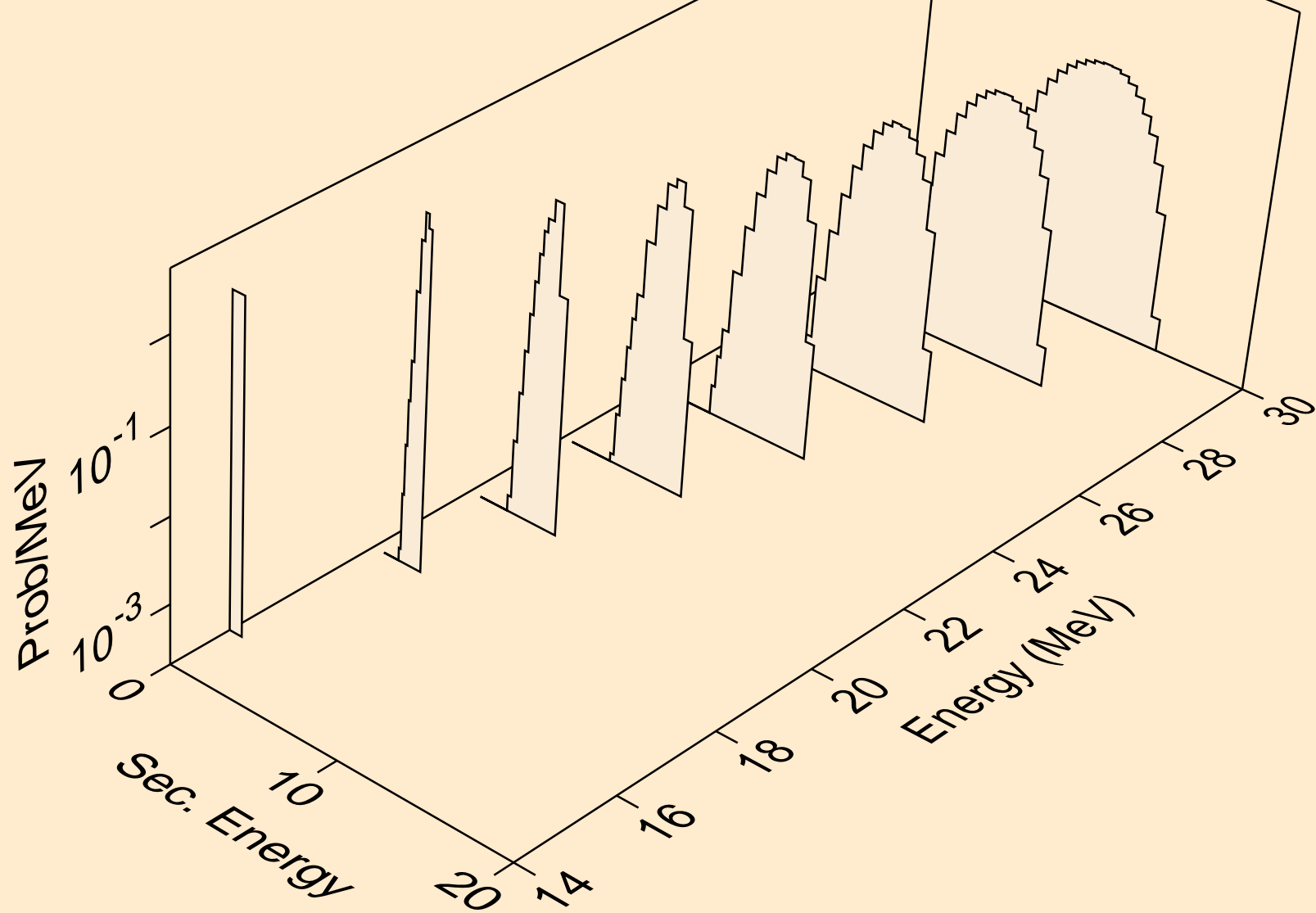
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protons from (n,pa)



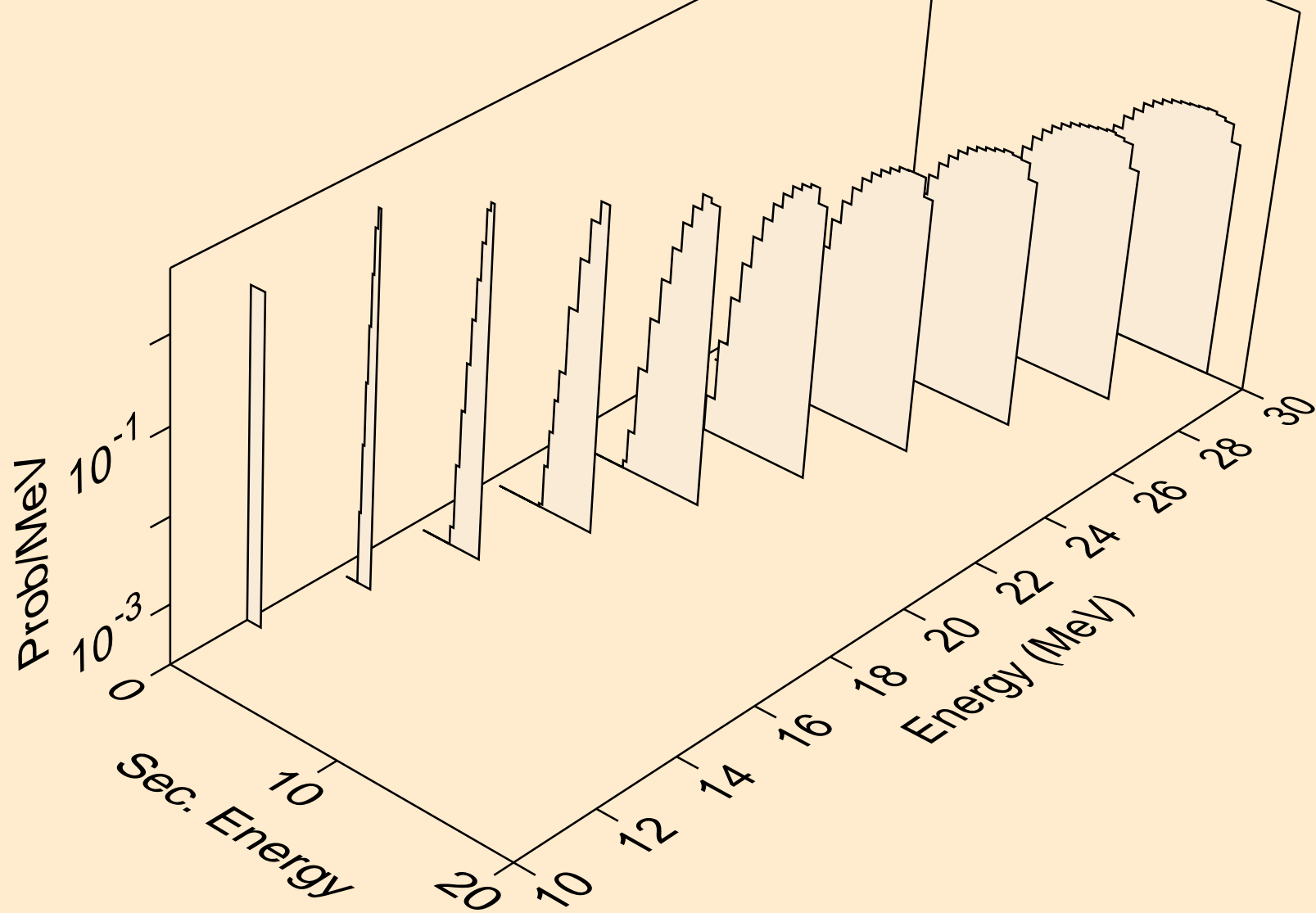
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deuterons from (n,x)



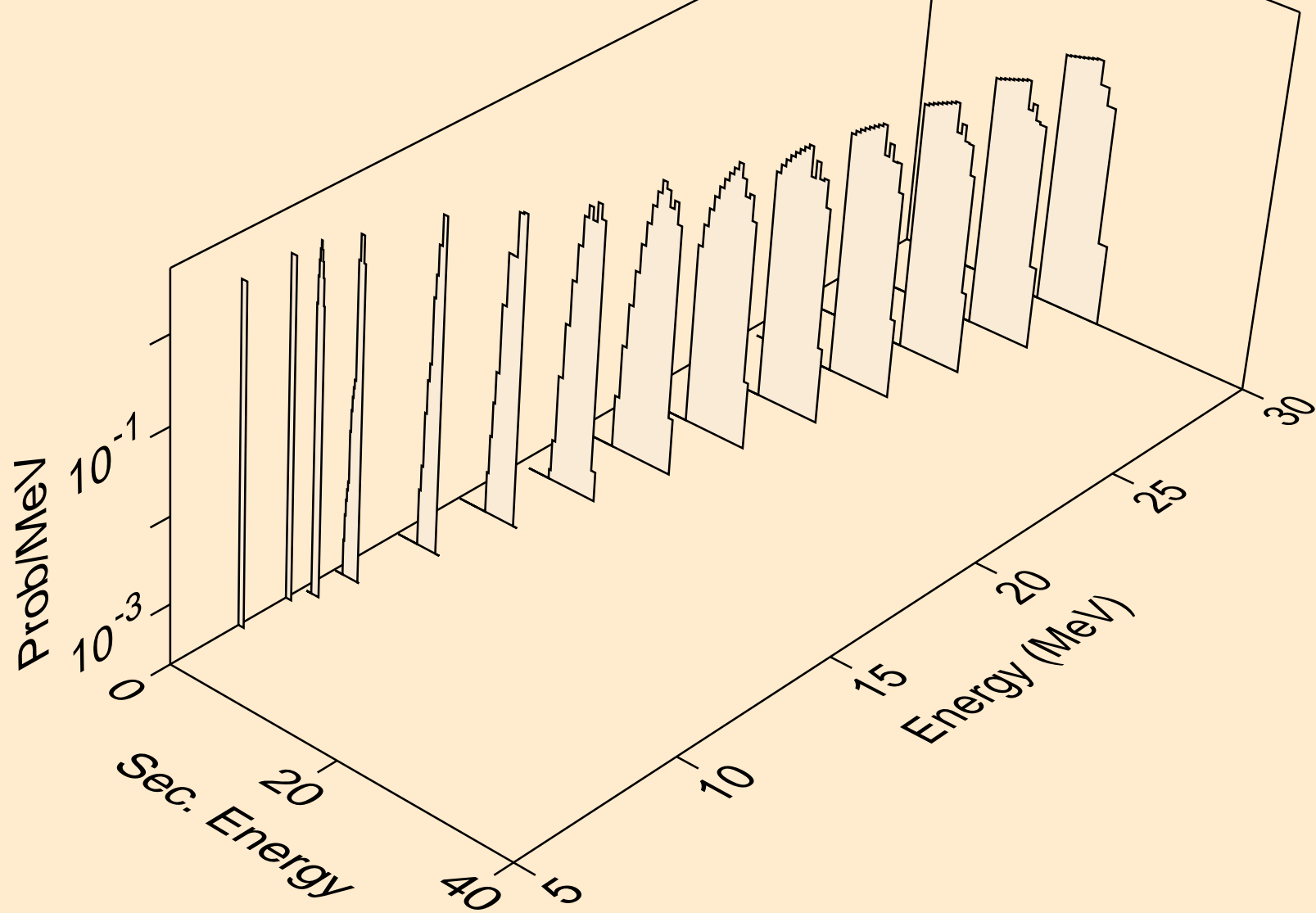
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deuterons from (n,2nd)



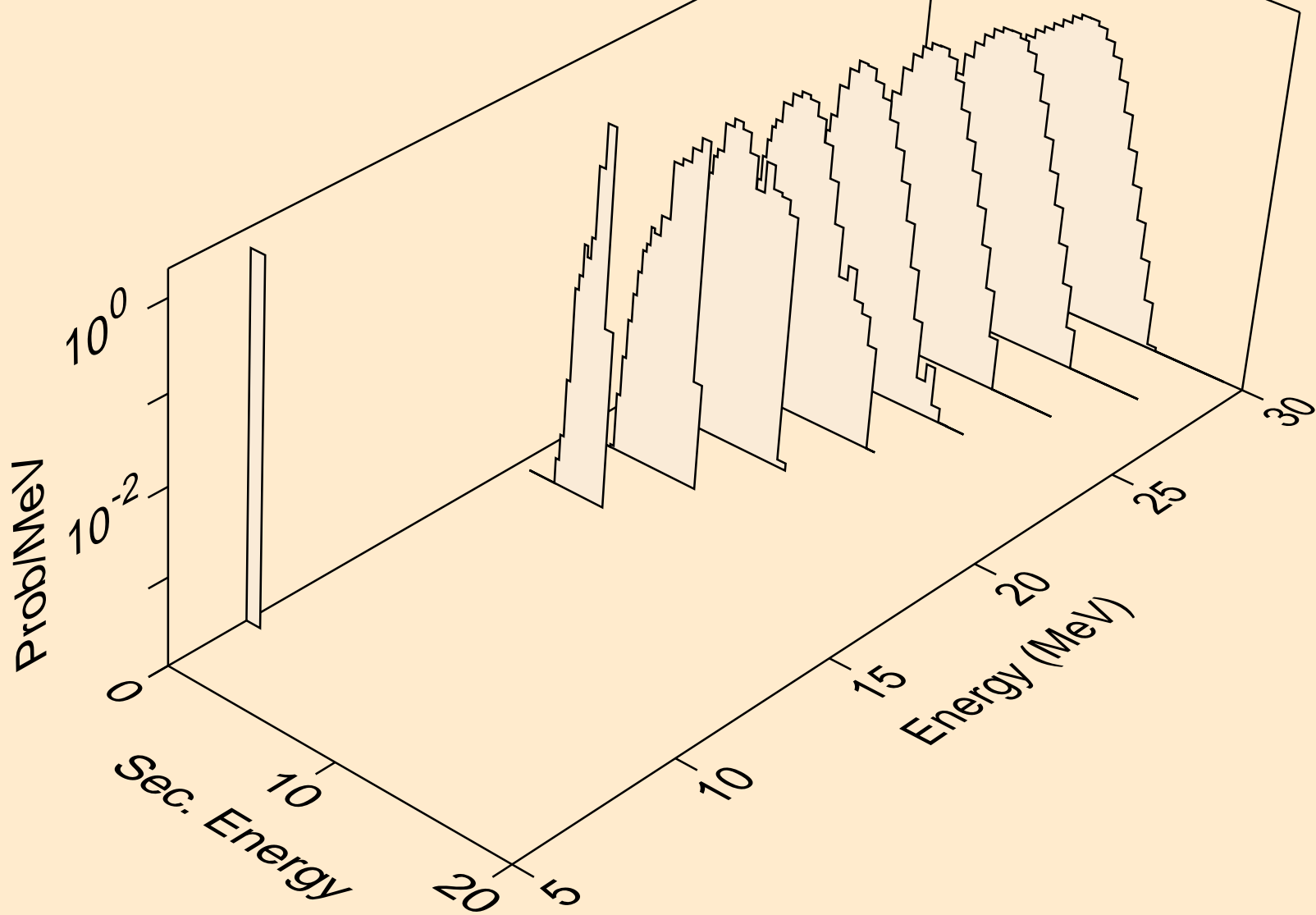
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deuterons from (n,n\*)d



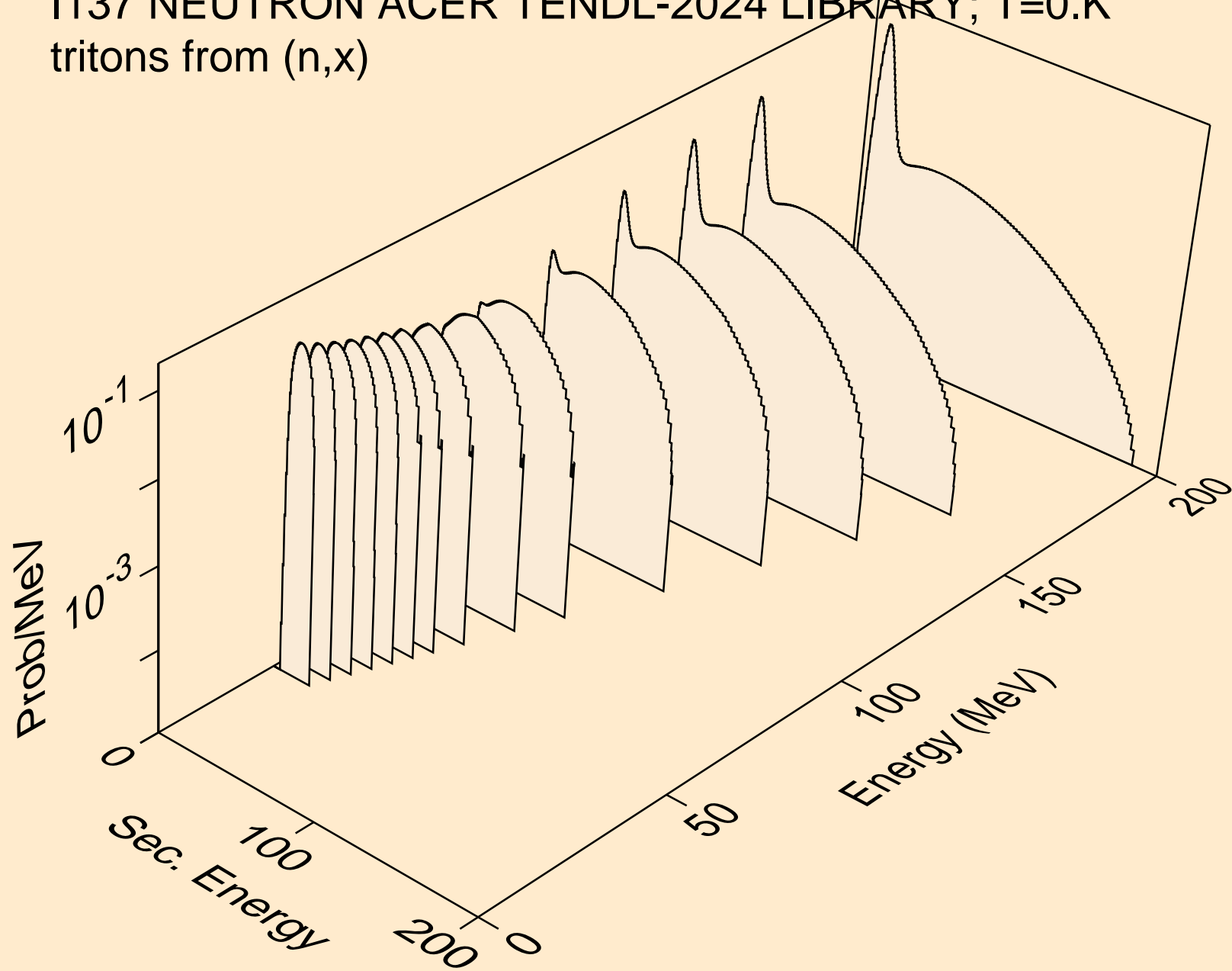
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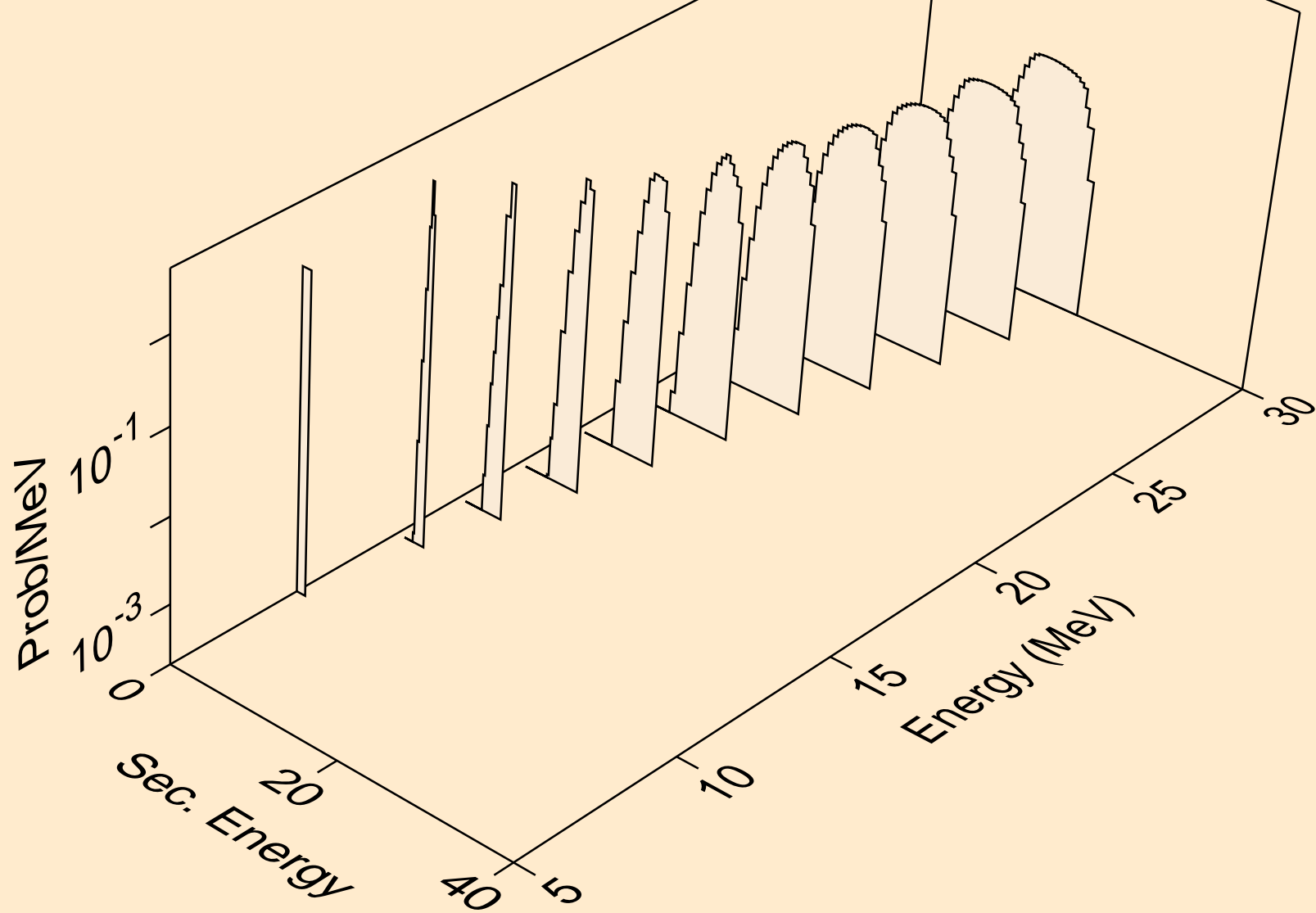
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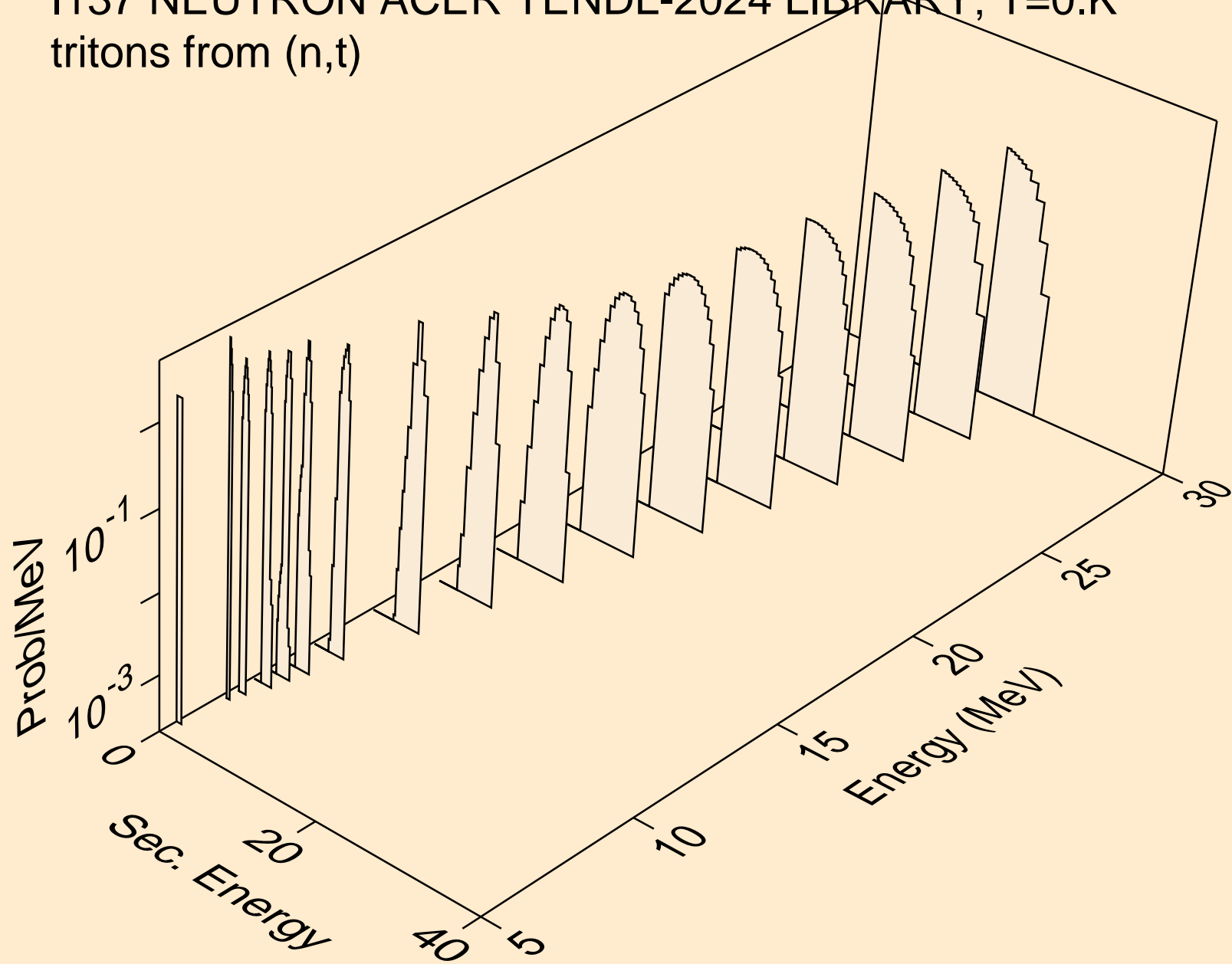
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tritons from (n,x)



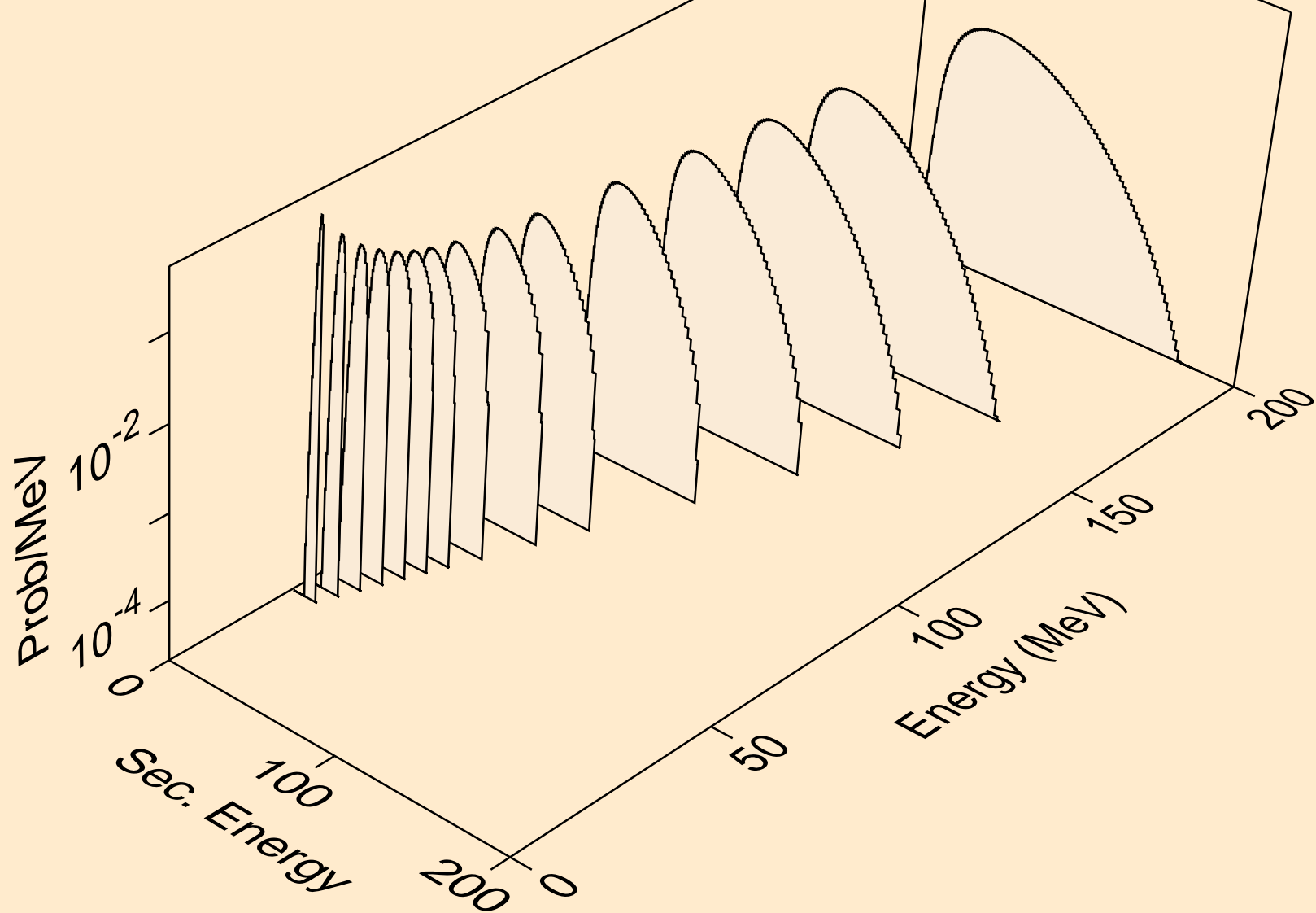
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



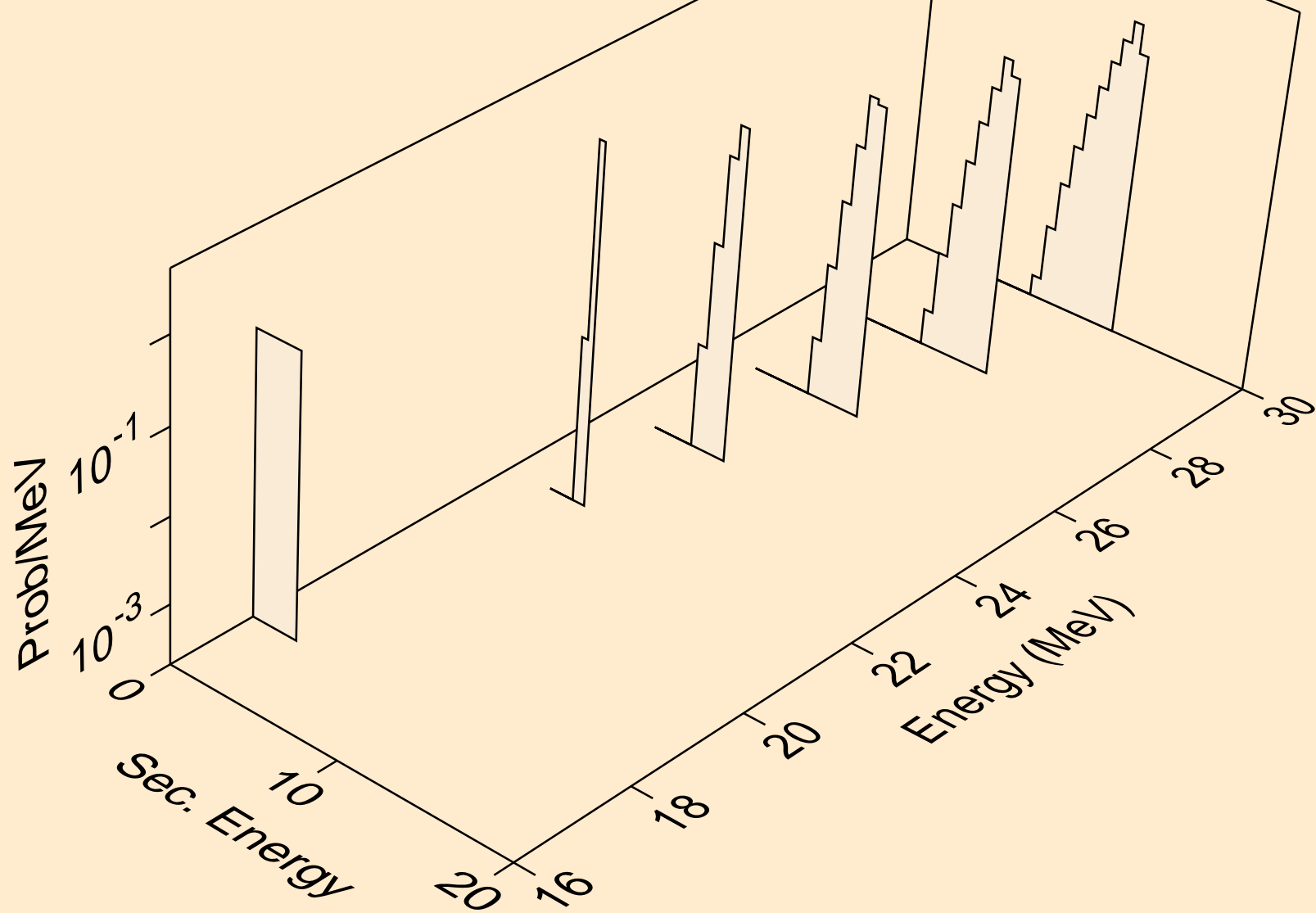
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tritons from (n,t)



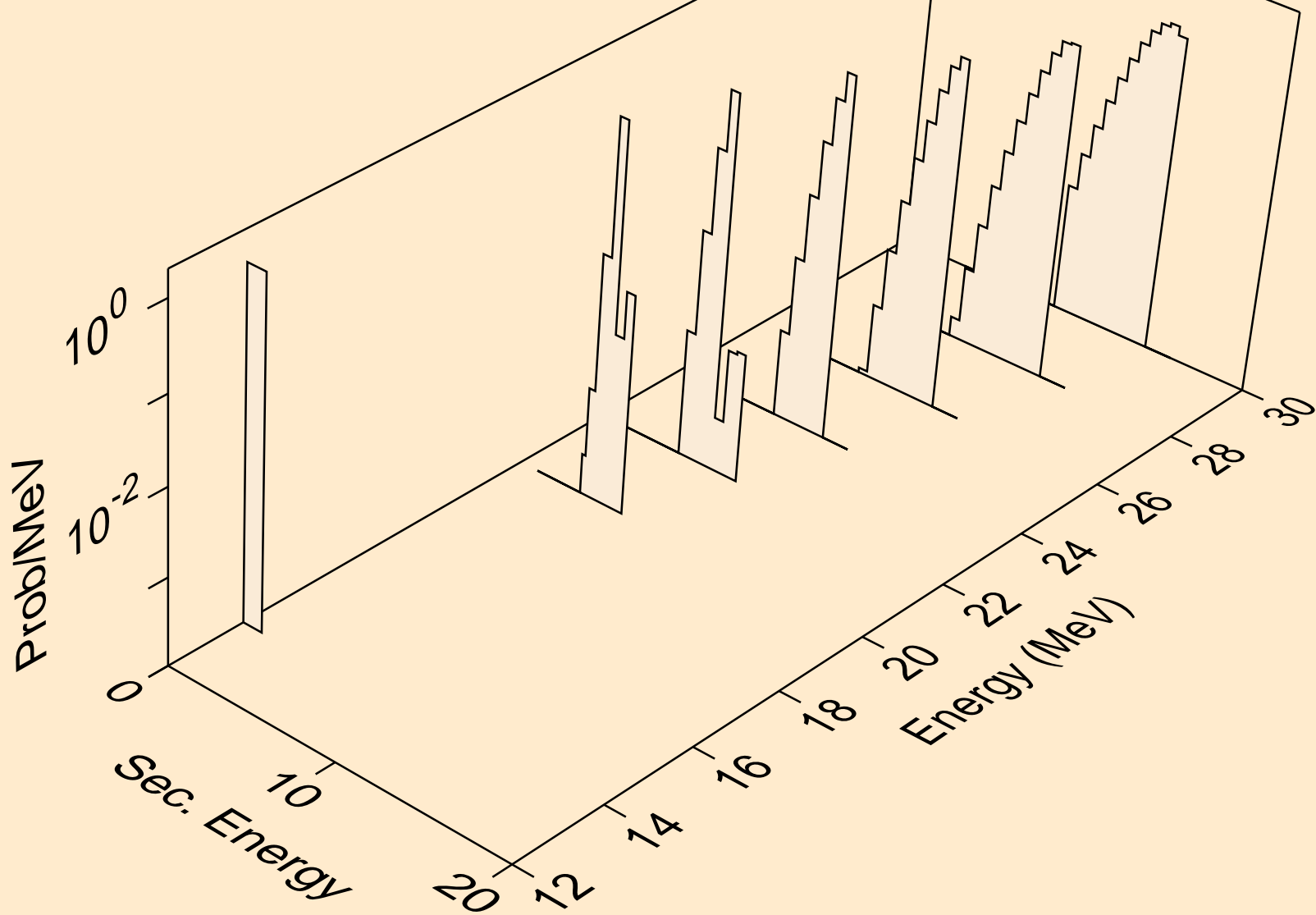
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



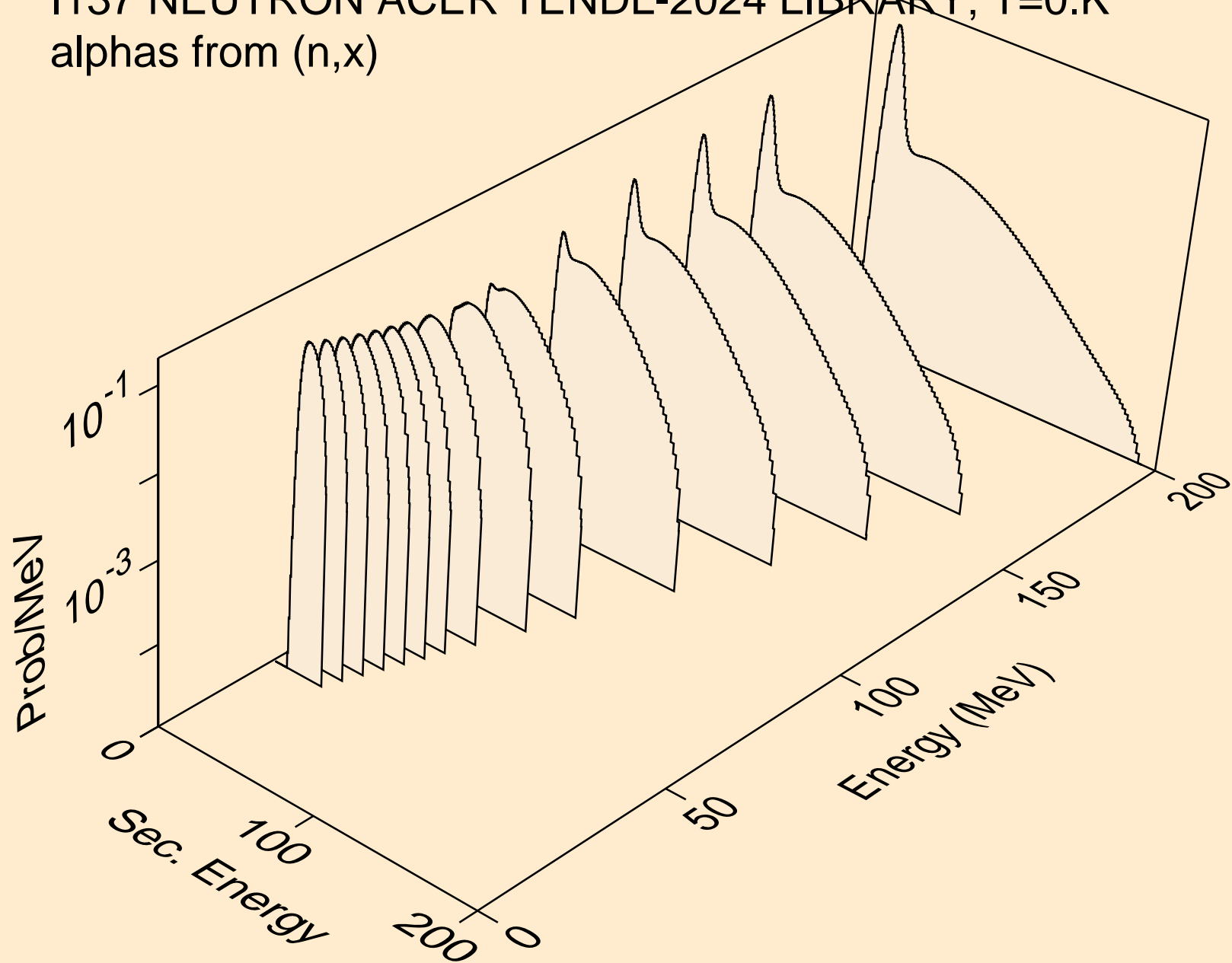
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he3s from (n,n\*)he3



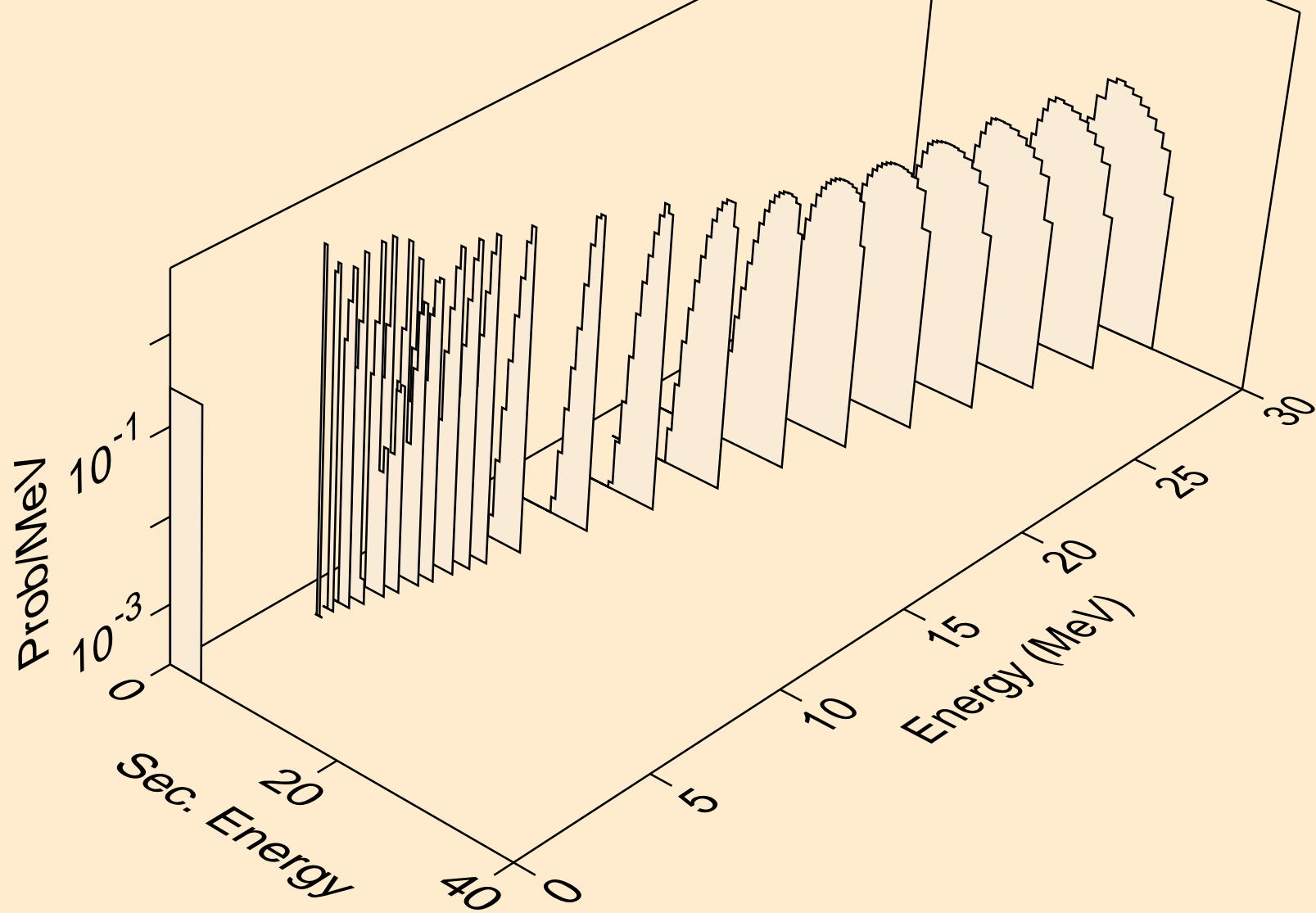
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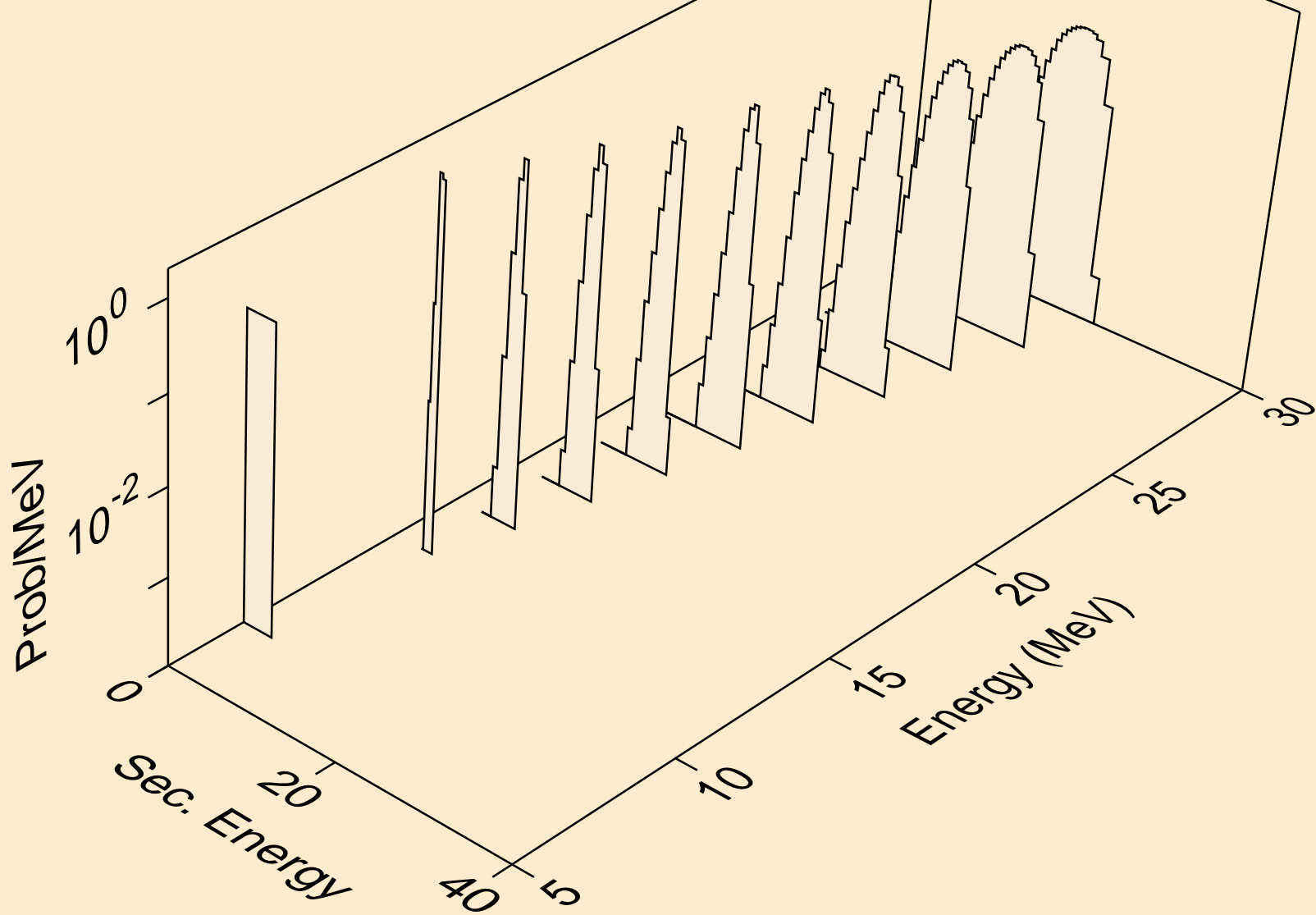
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alphas from (n,x)



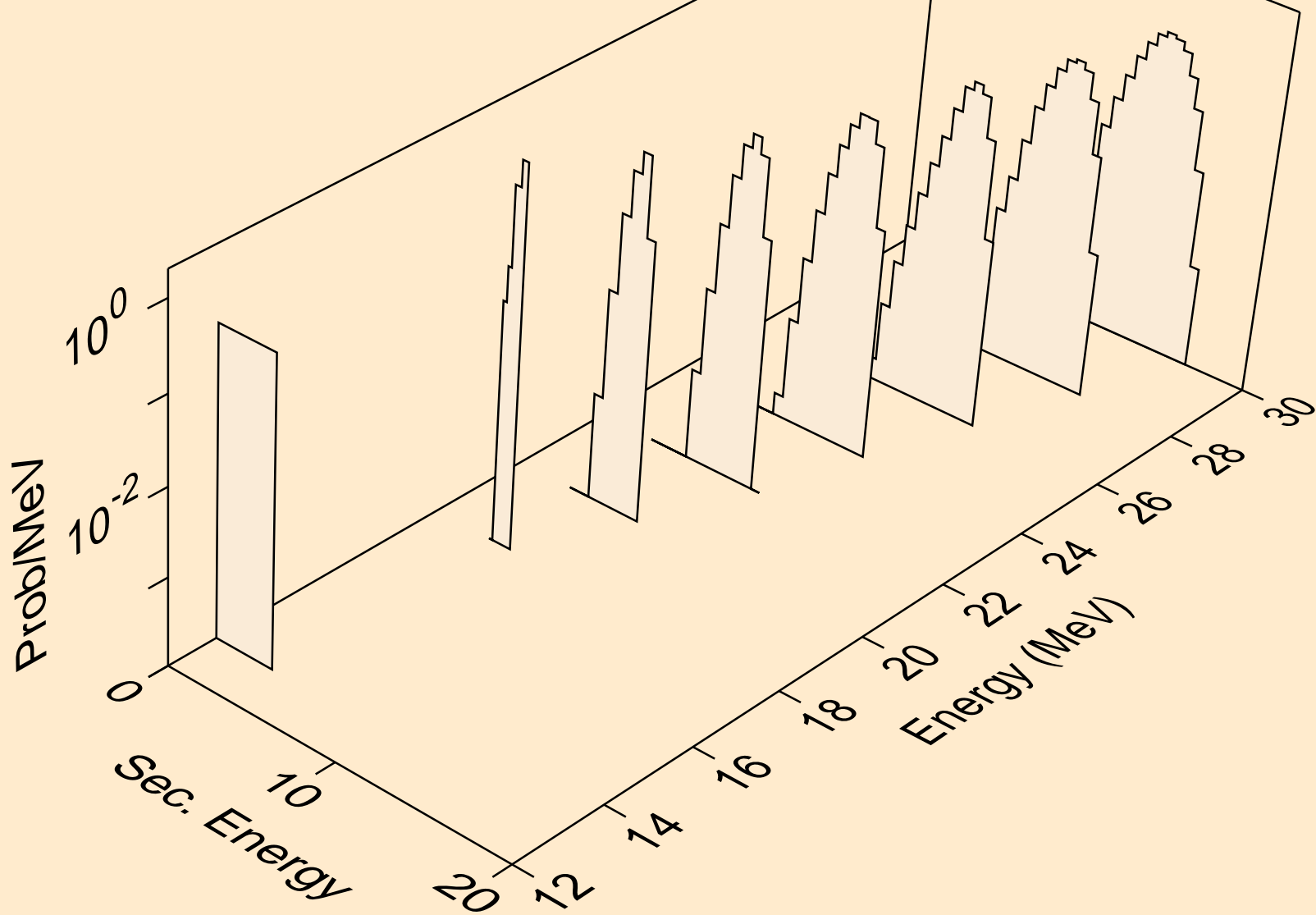
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



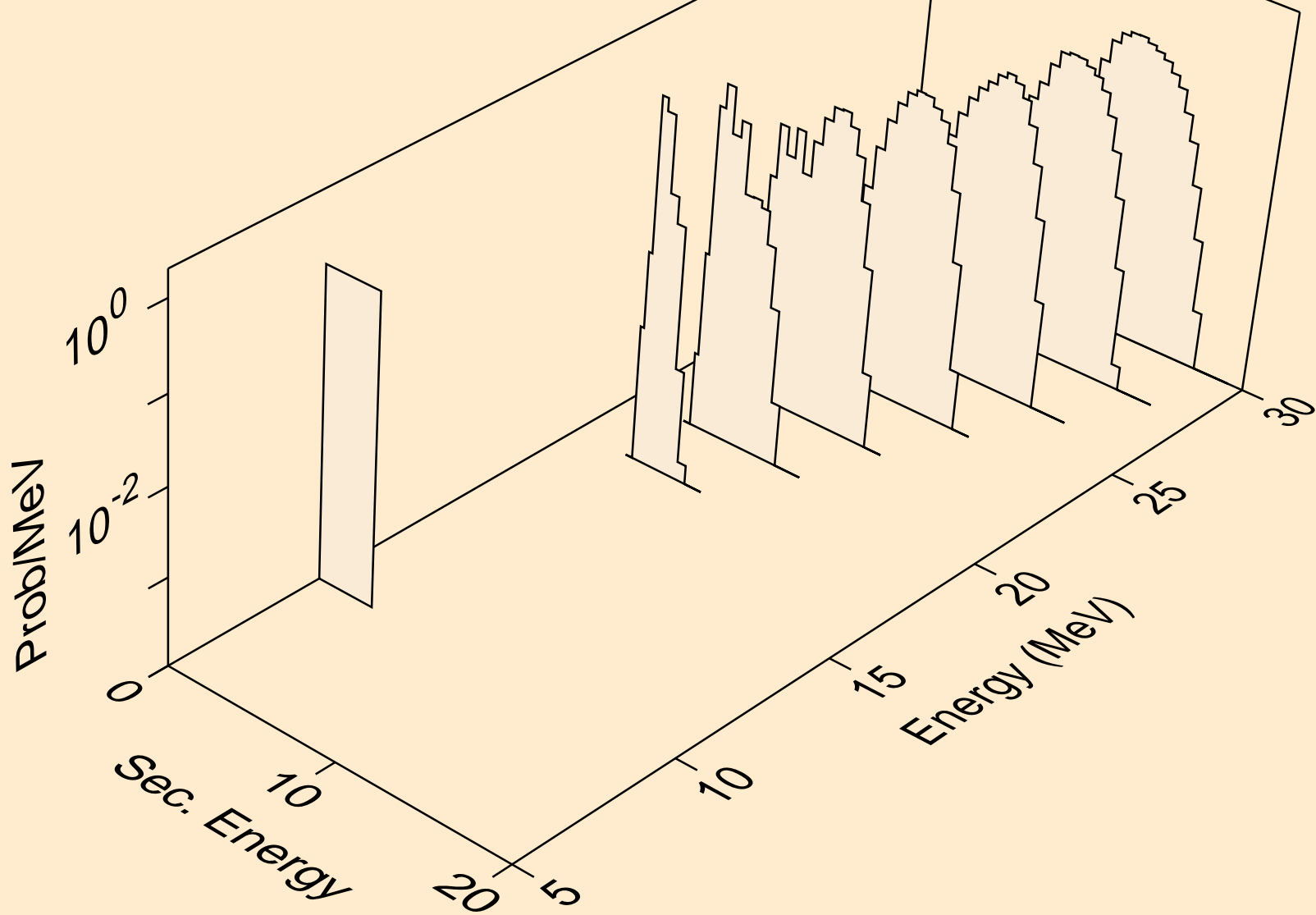
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alphas from (n,2n)a



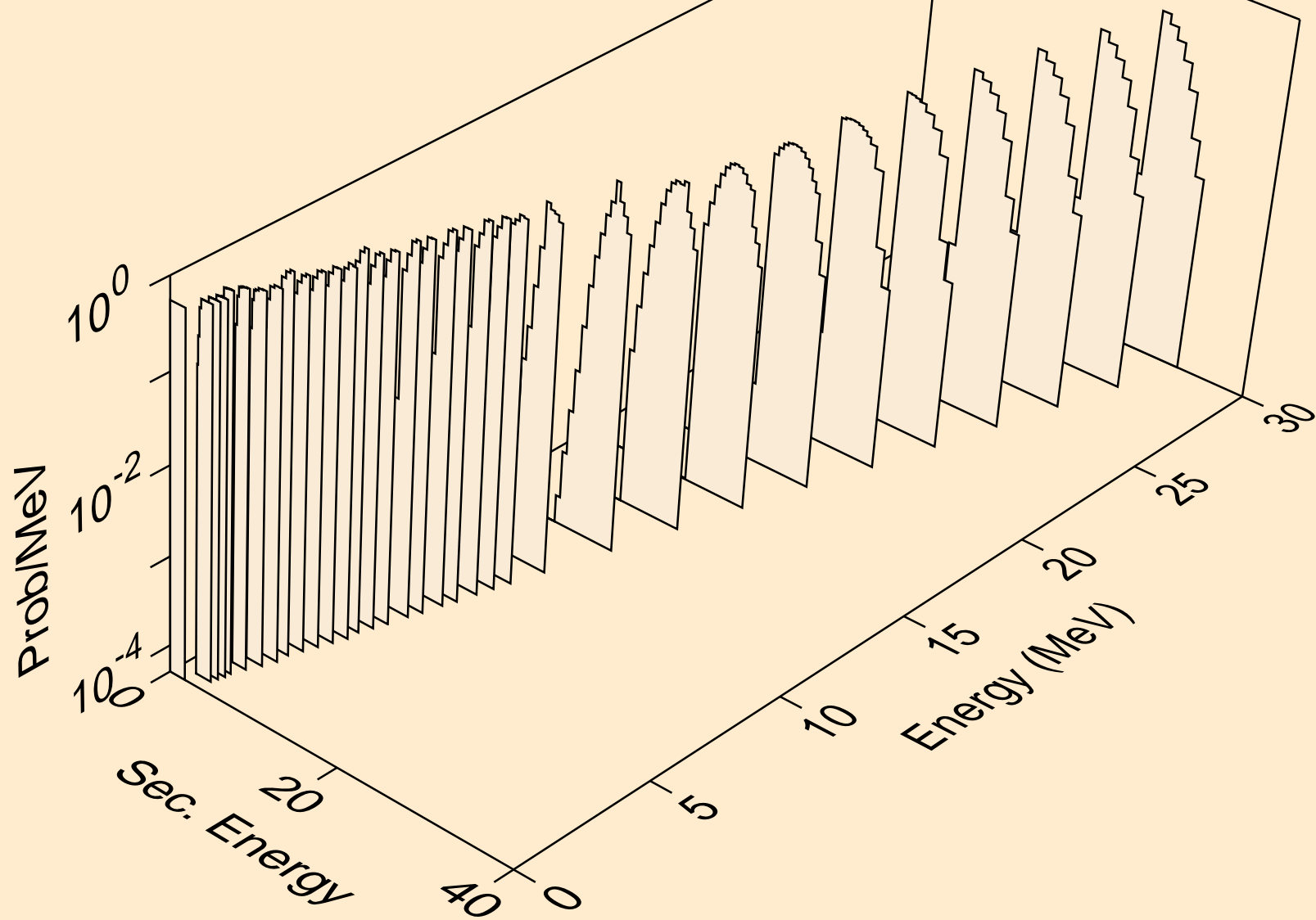
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alphas from (n,3n)a



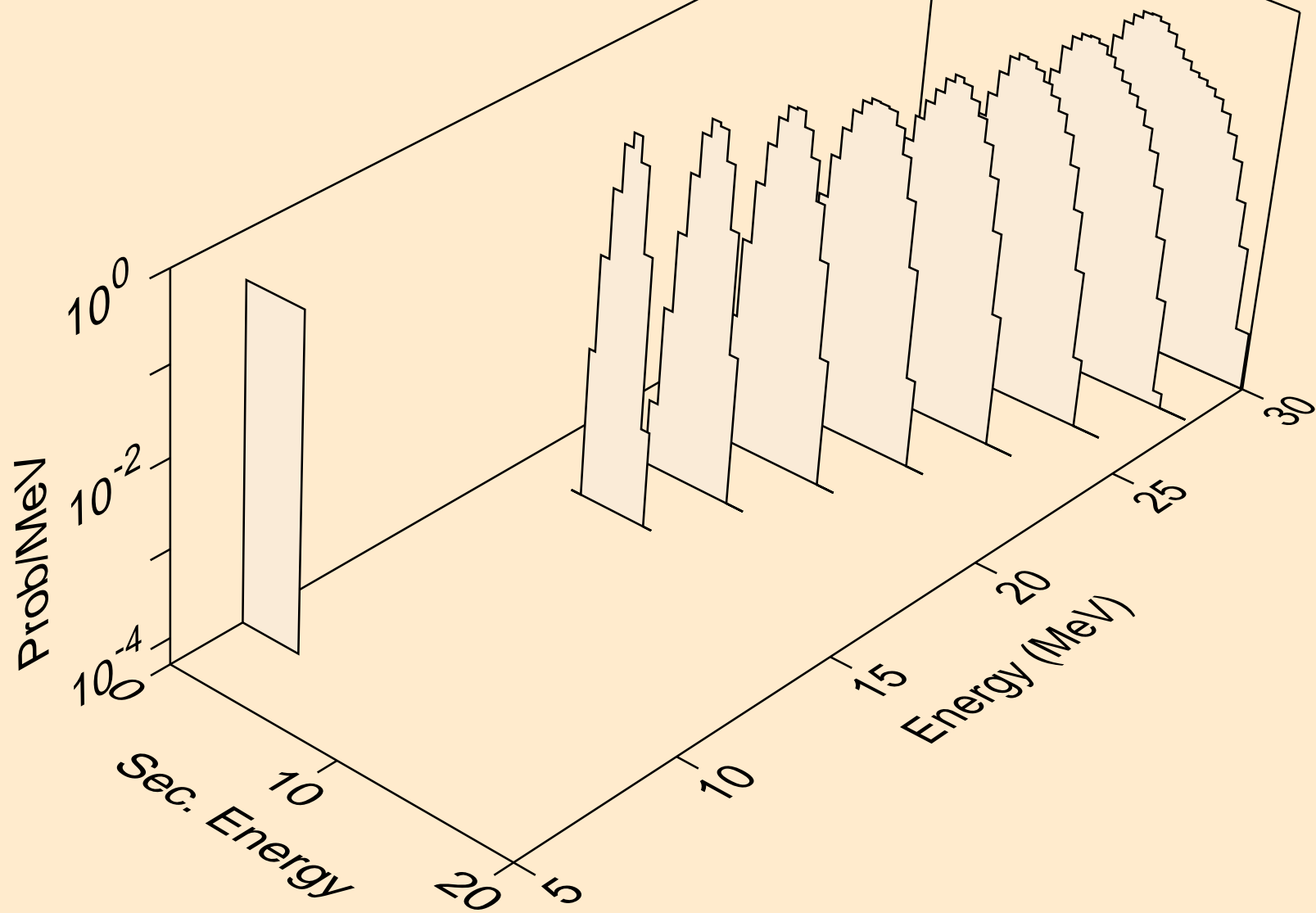
I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



I137 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

