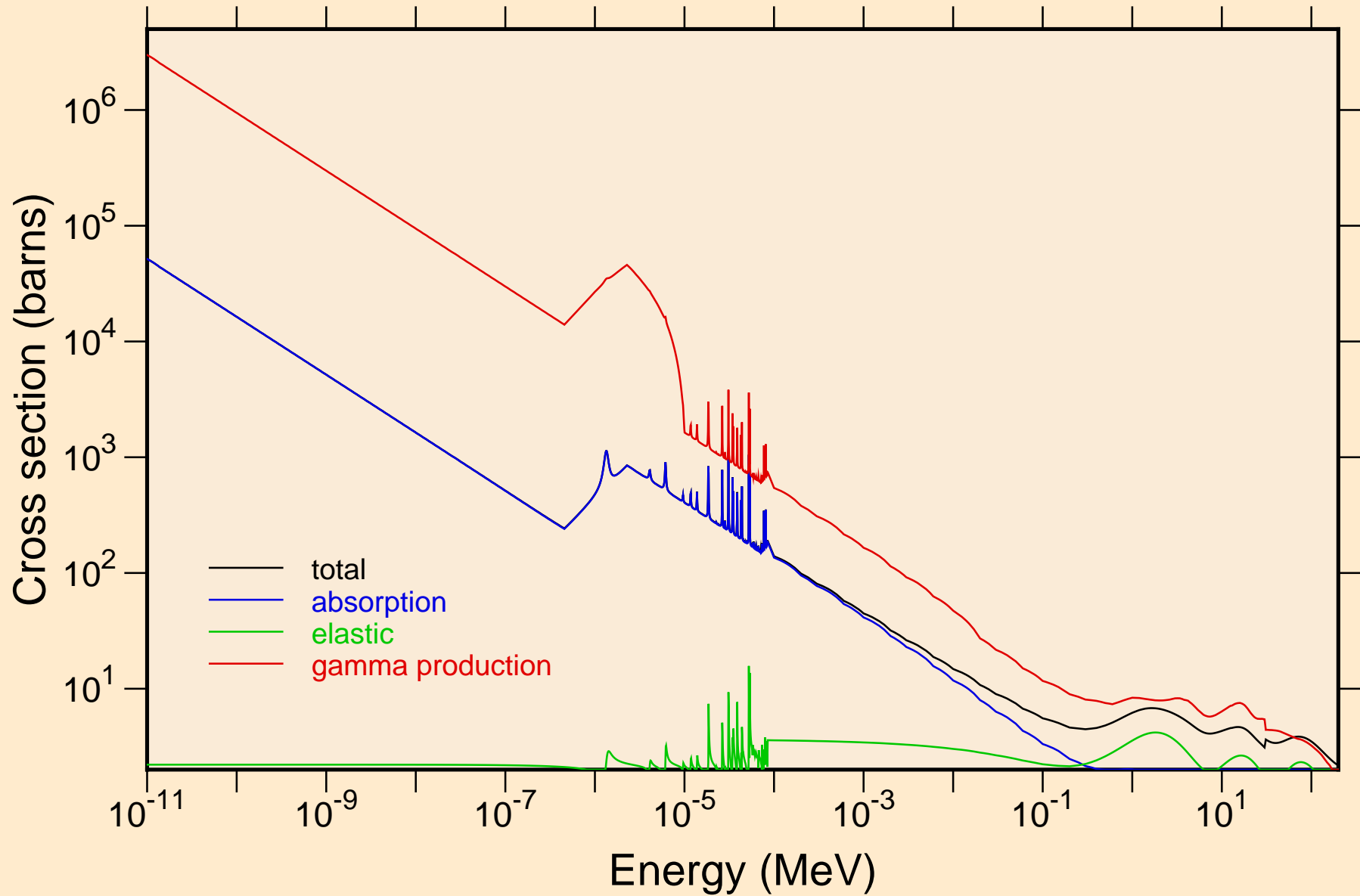
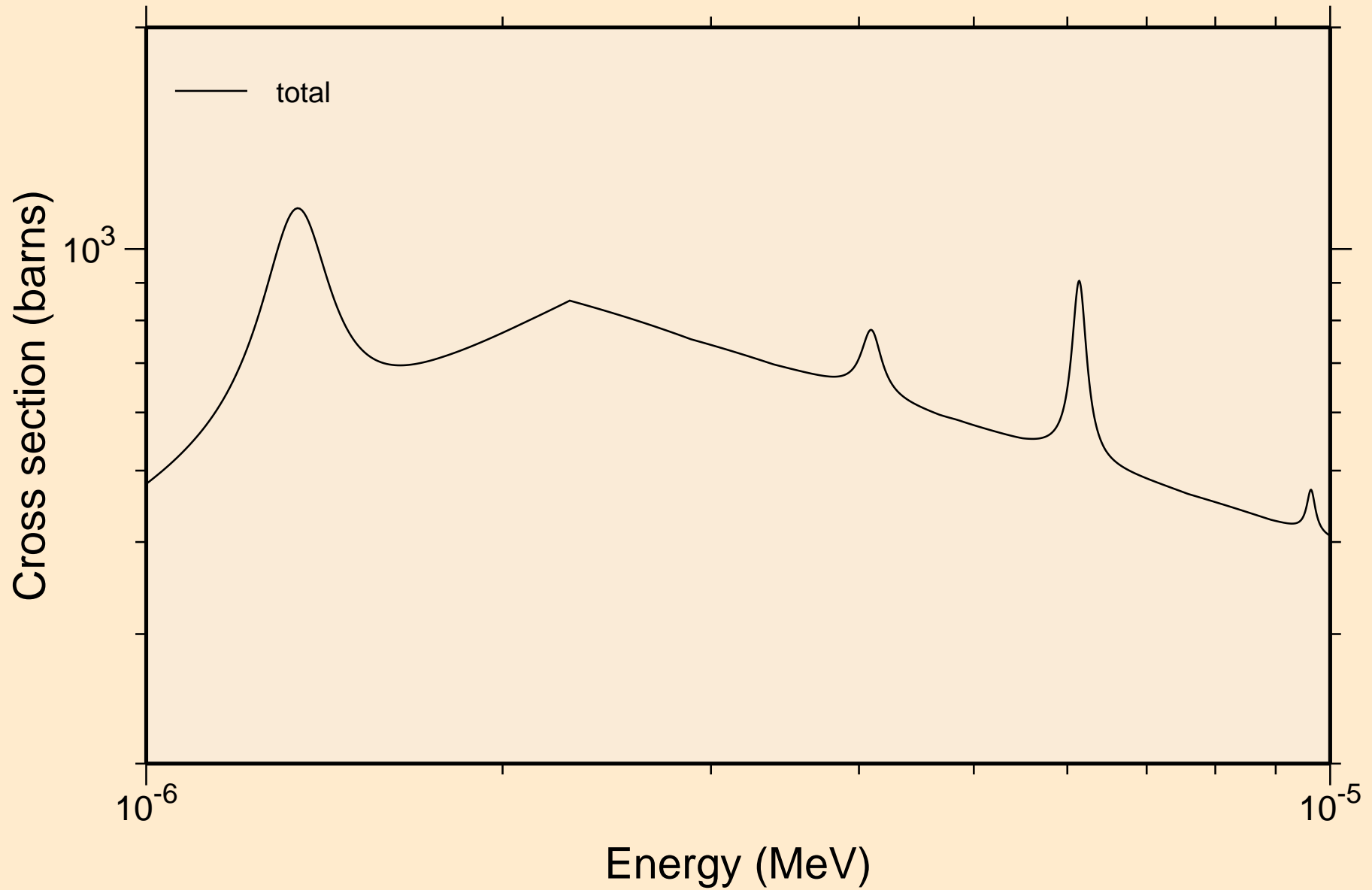


# SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

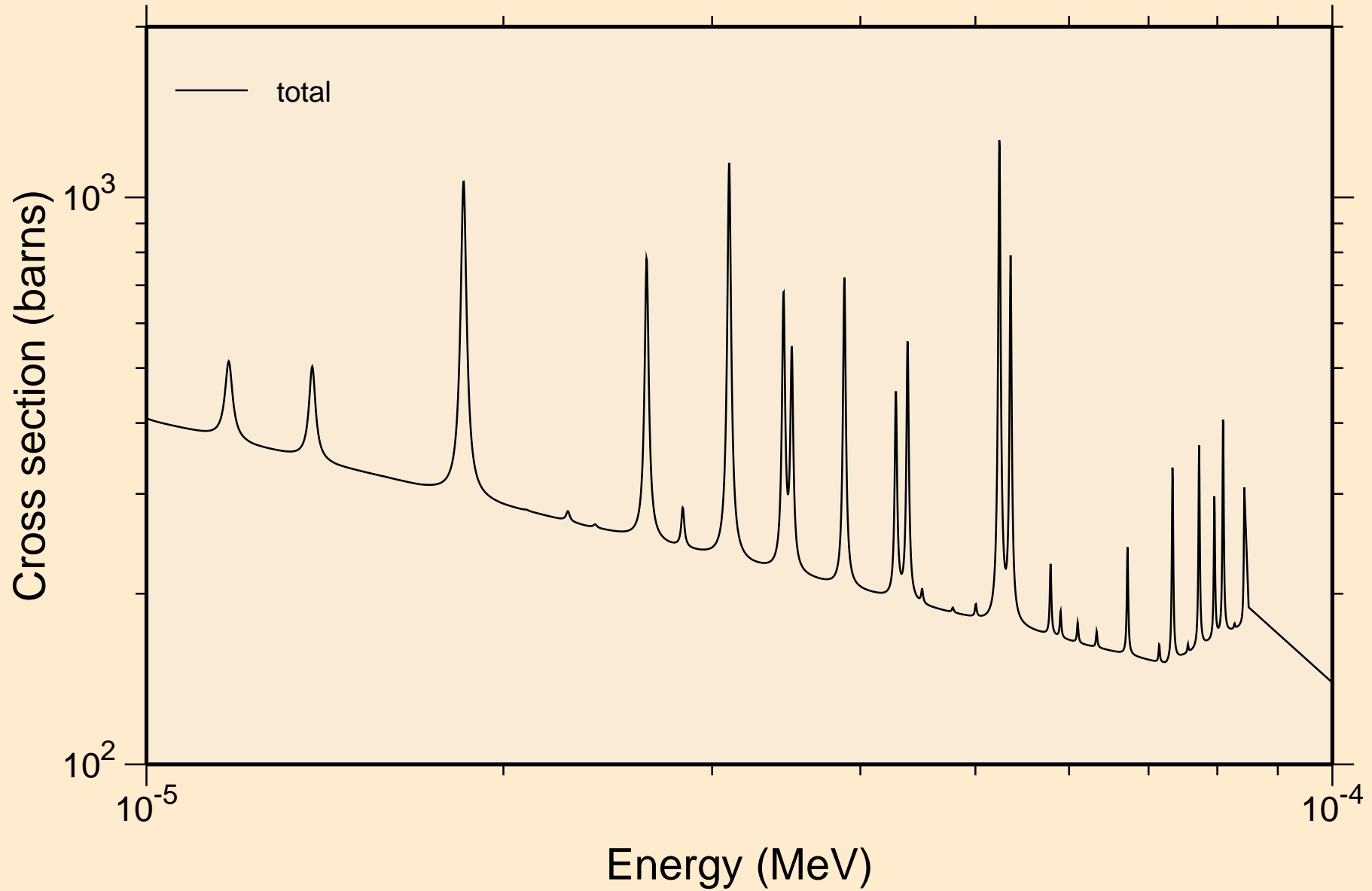
## Principal cross sections



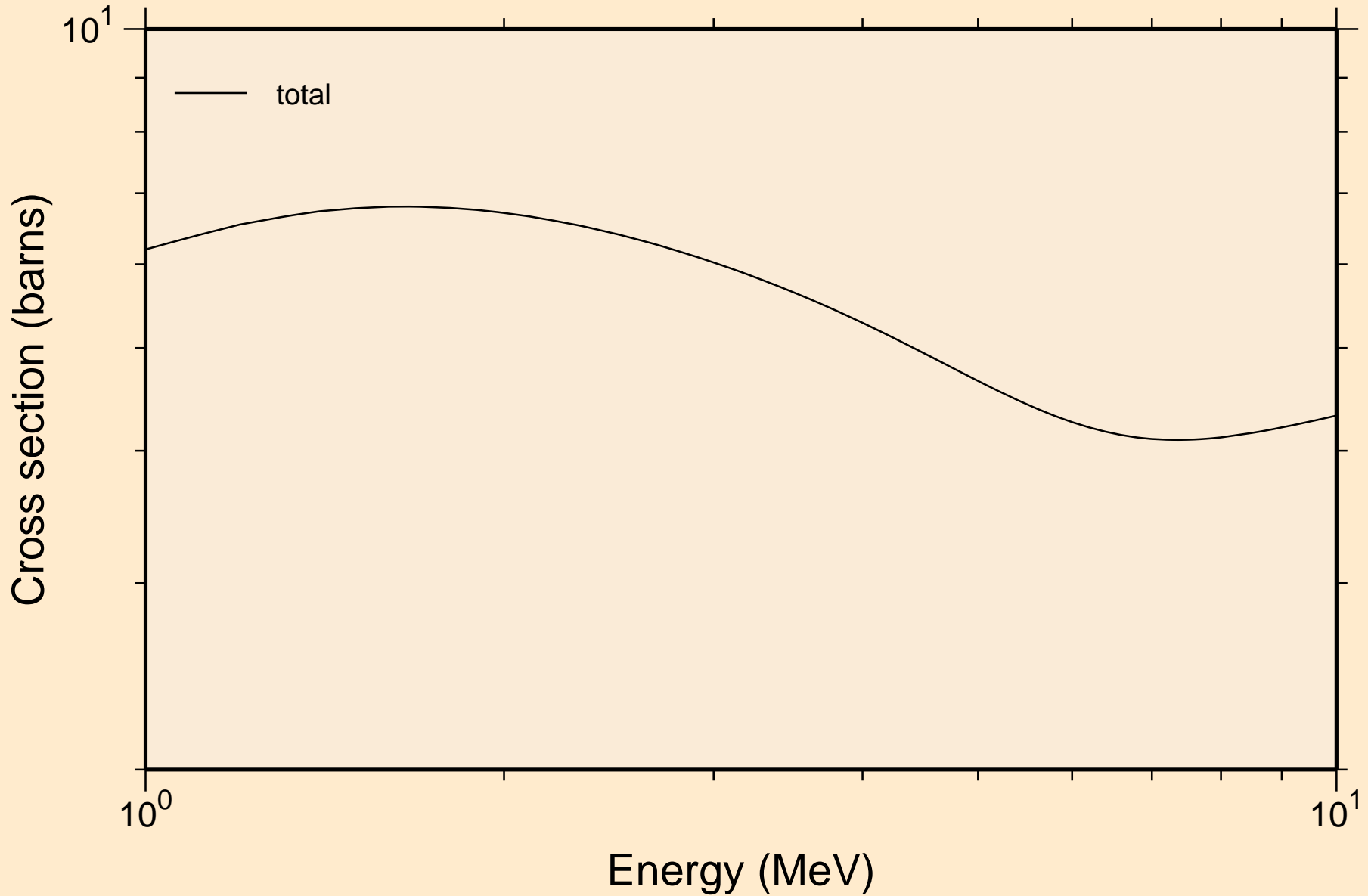
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



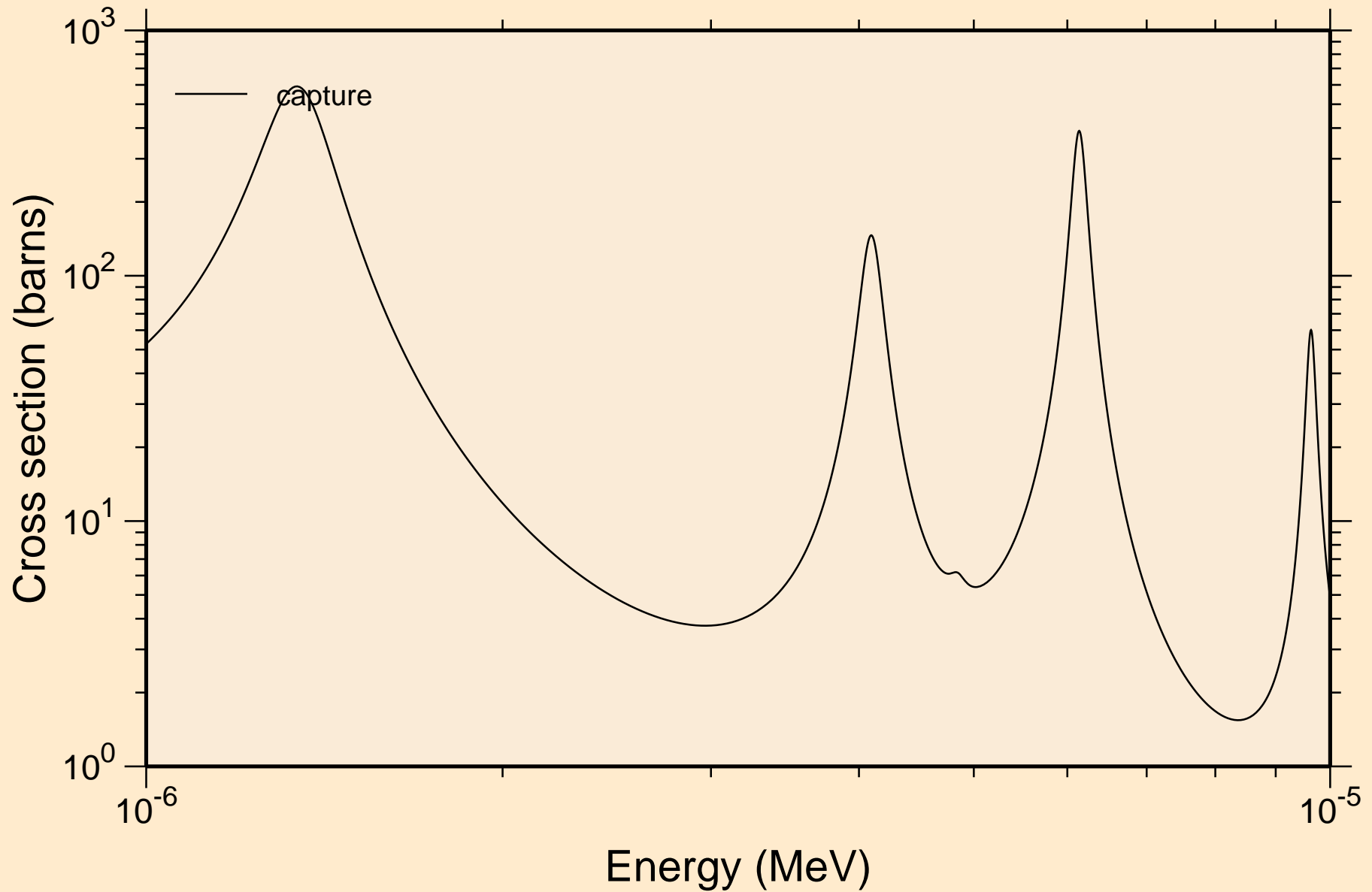
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



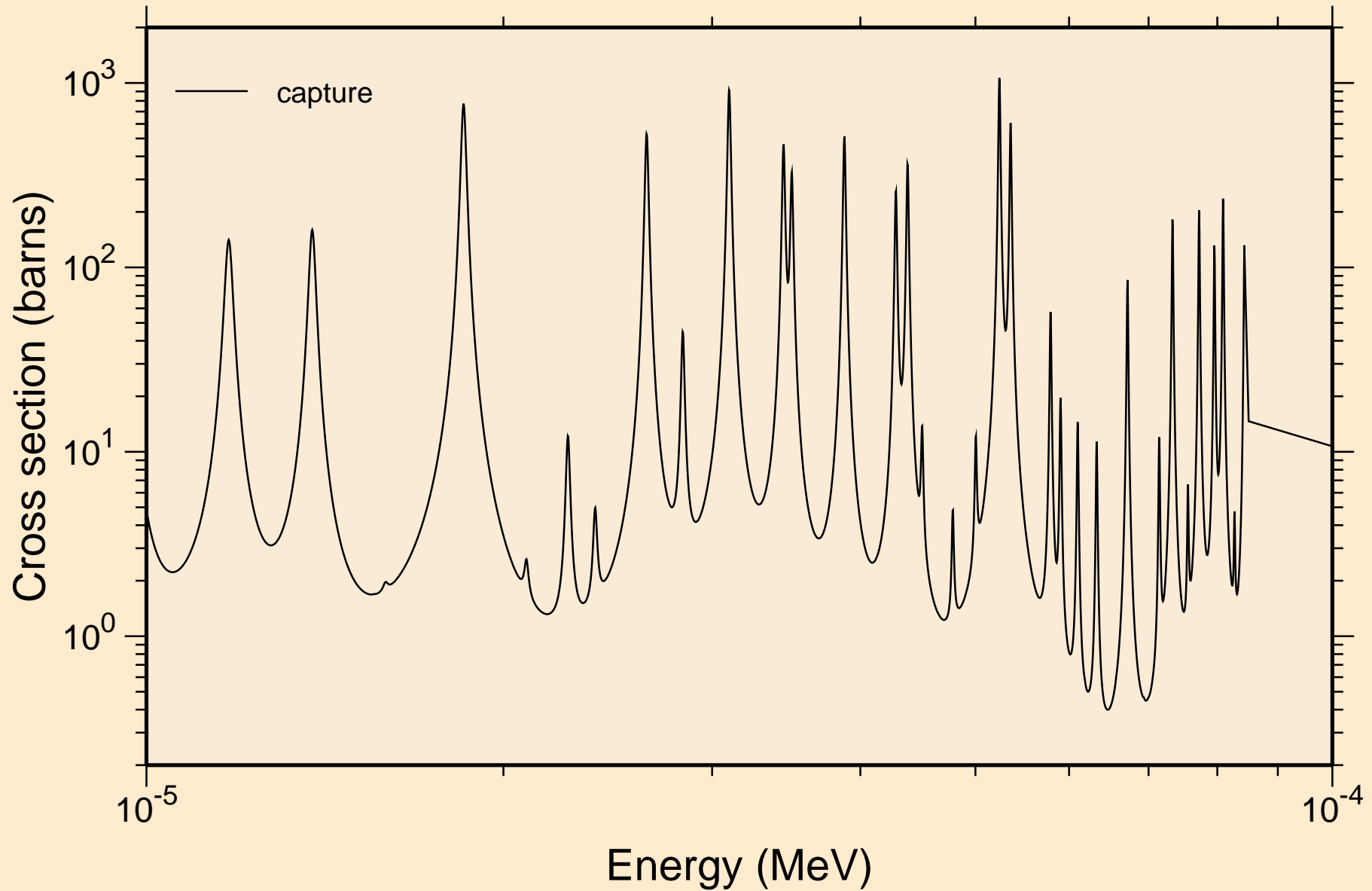
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



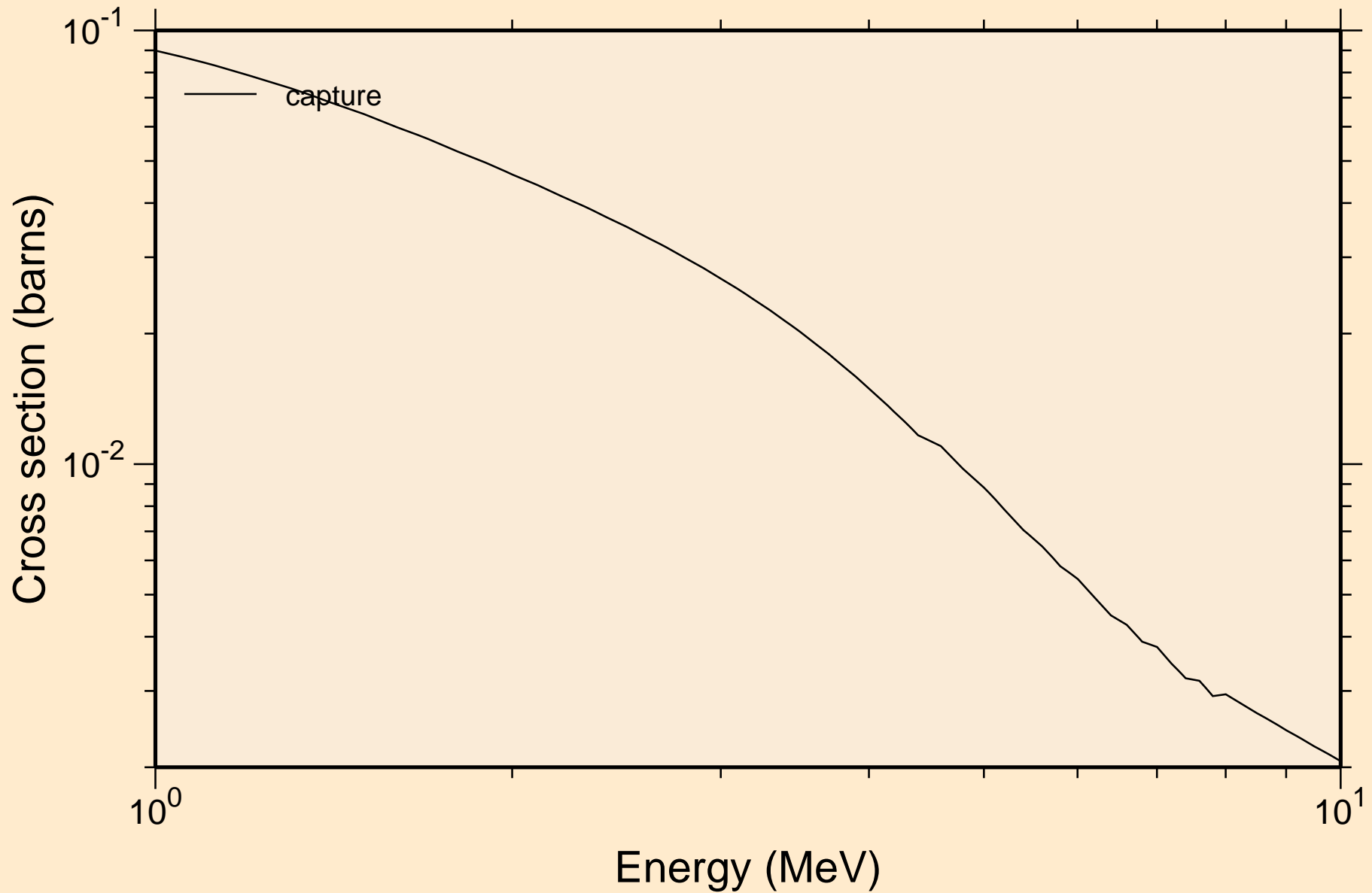
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

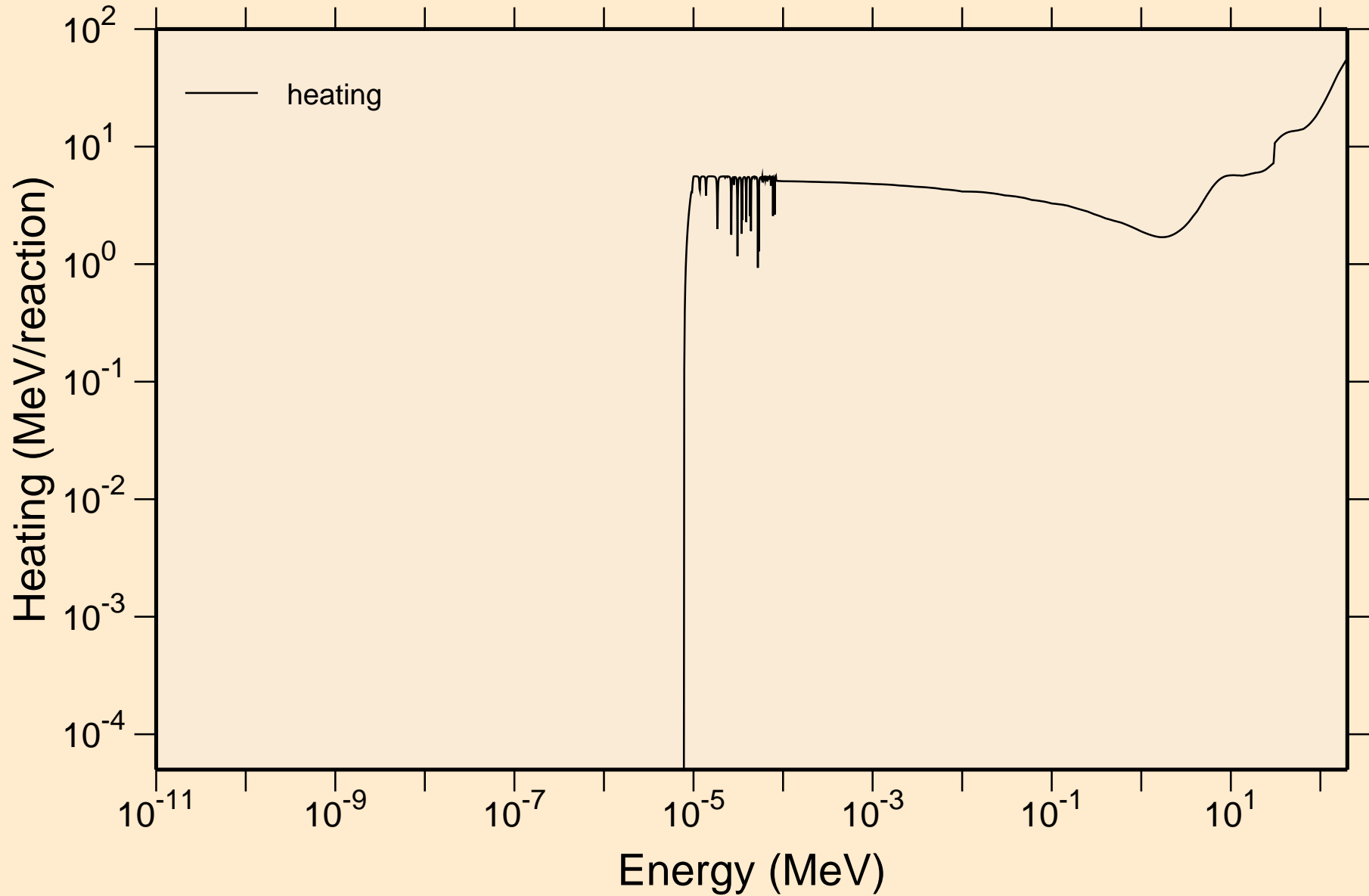


SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



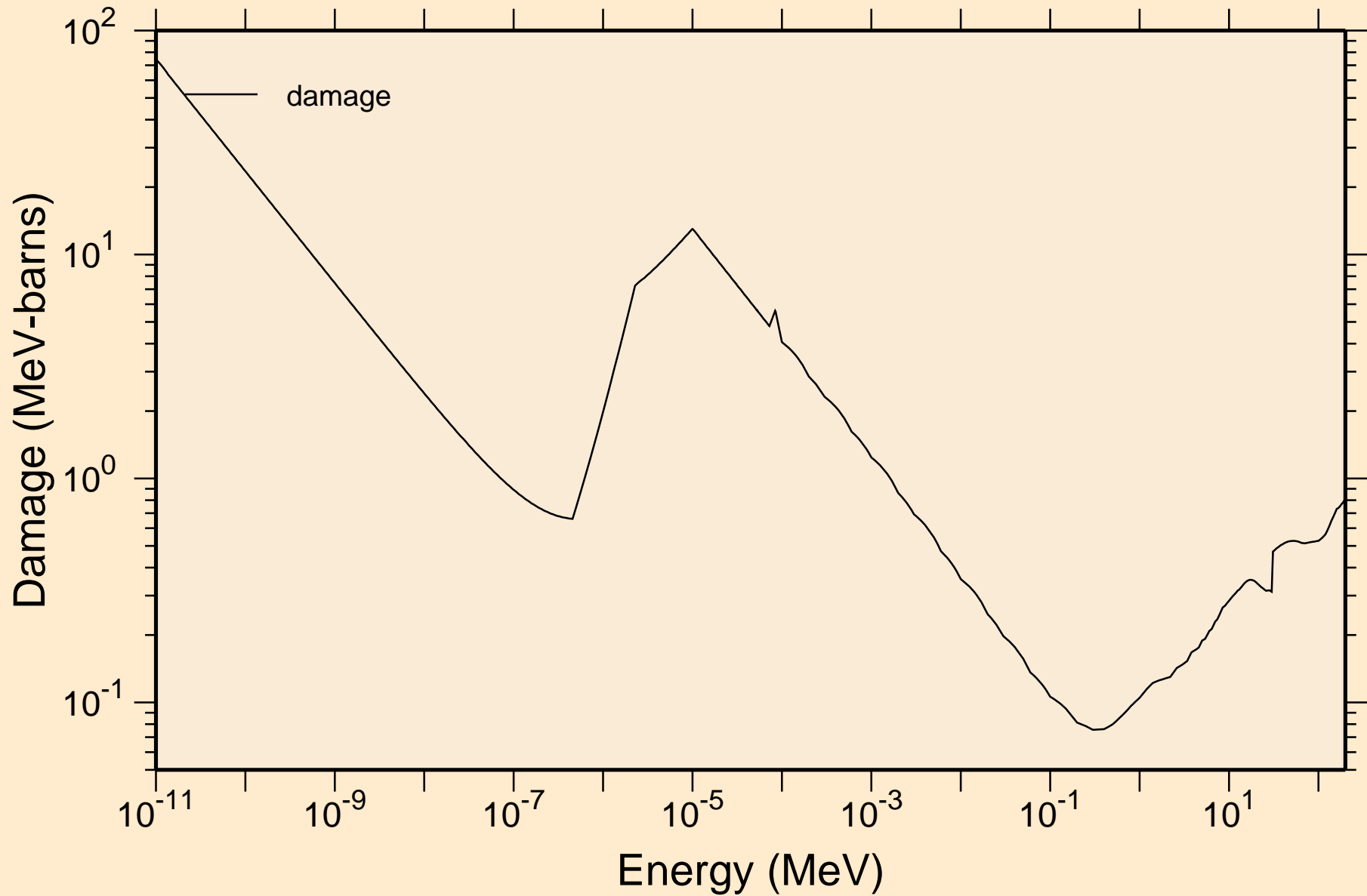
# SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

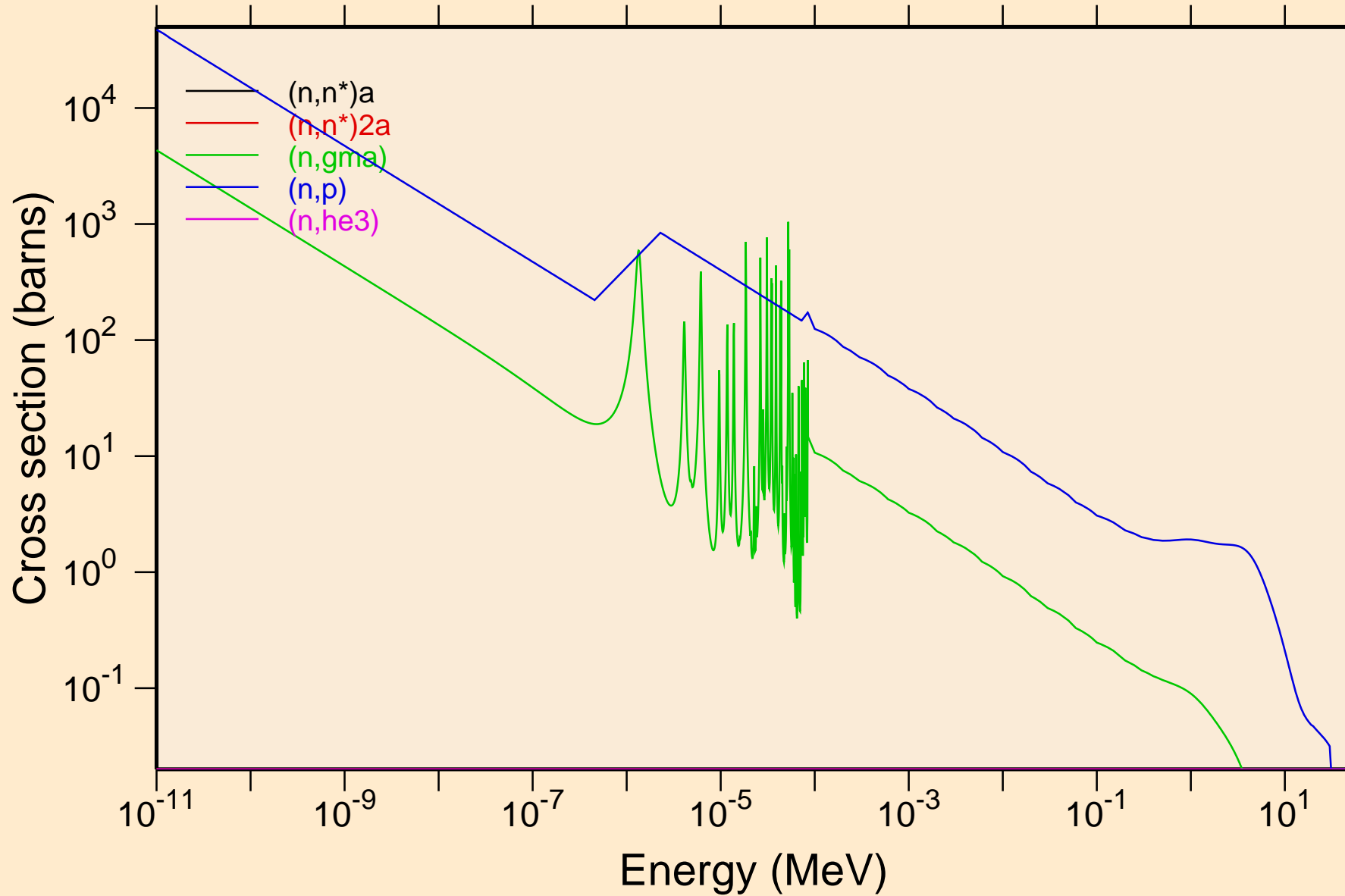


# SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

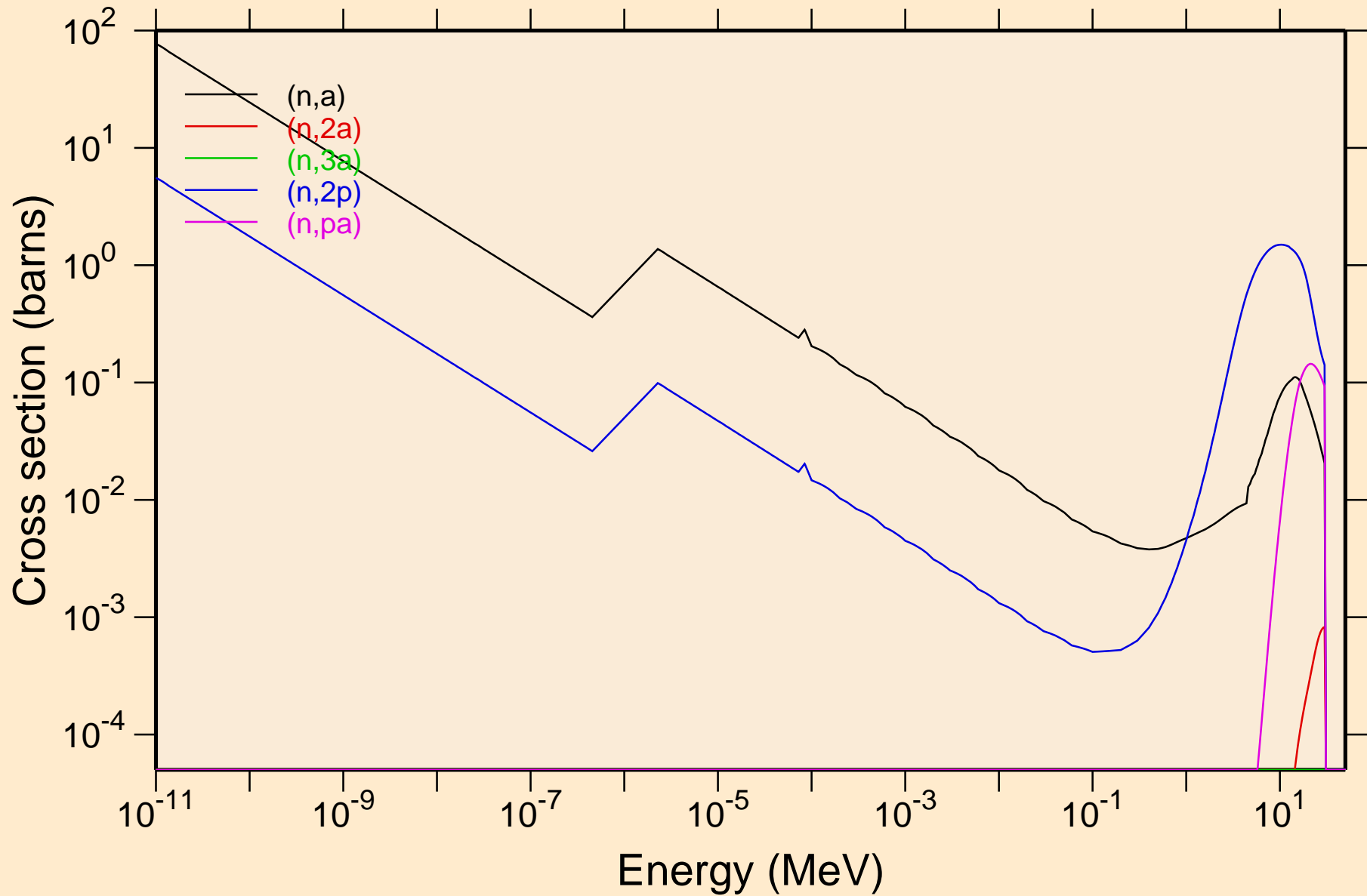
## Damage



SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

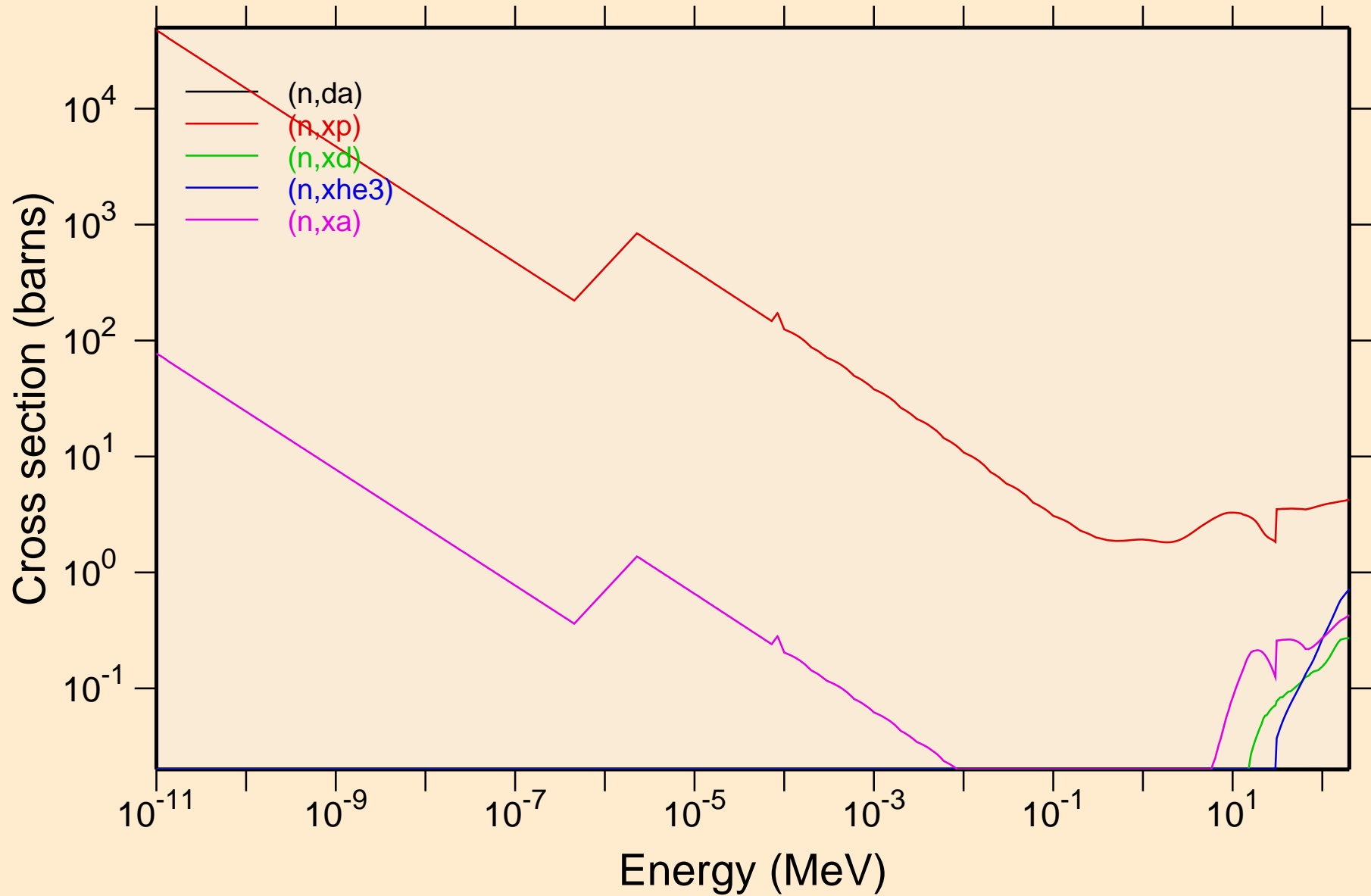


SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



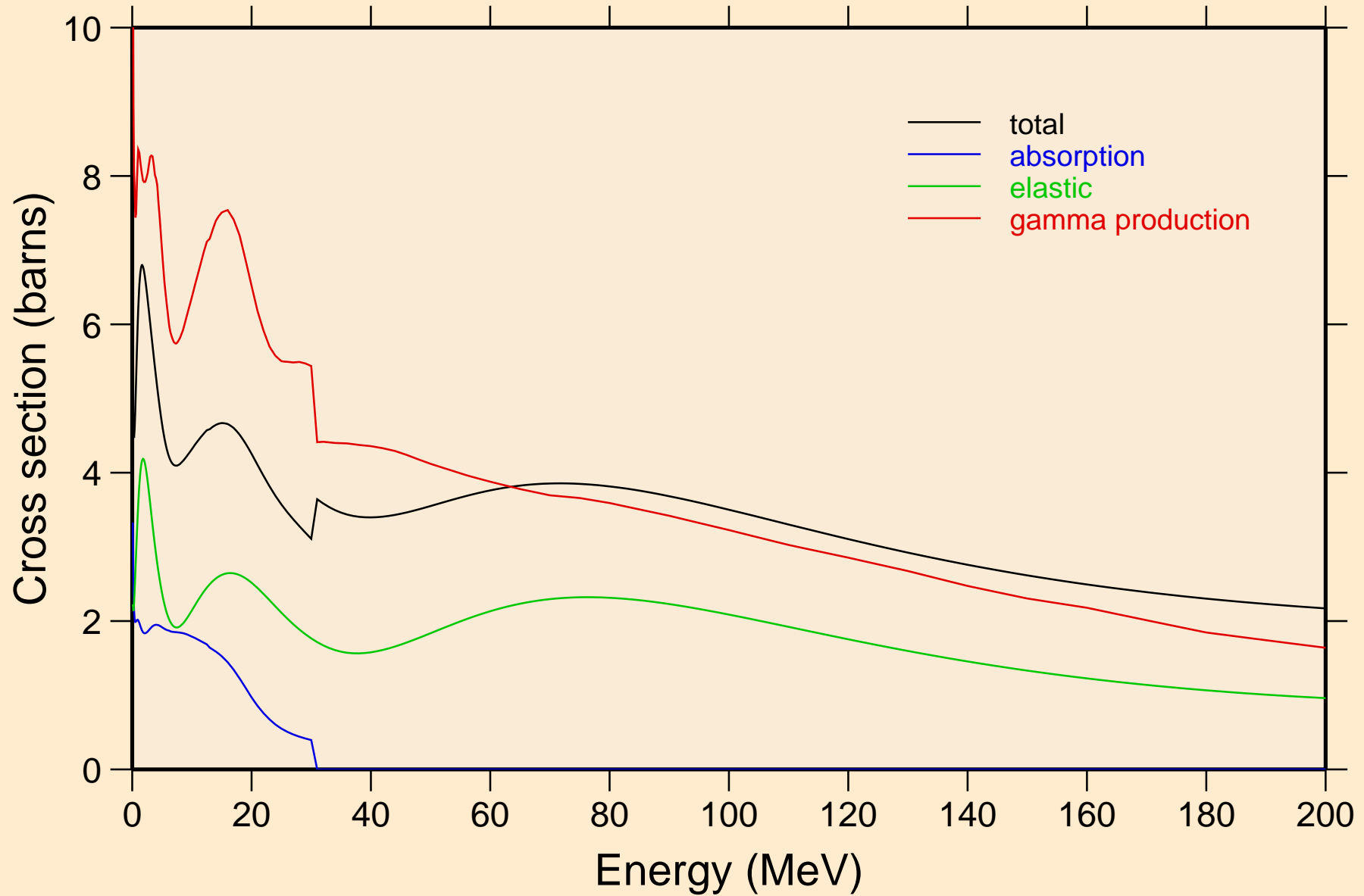
# SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



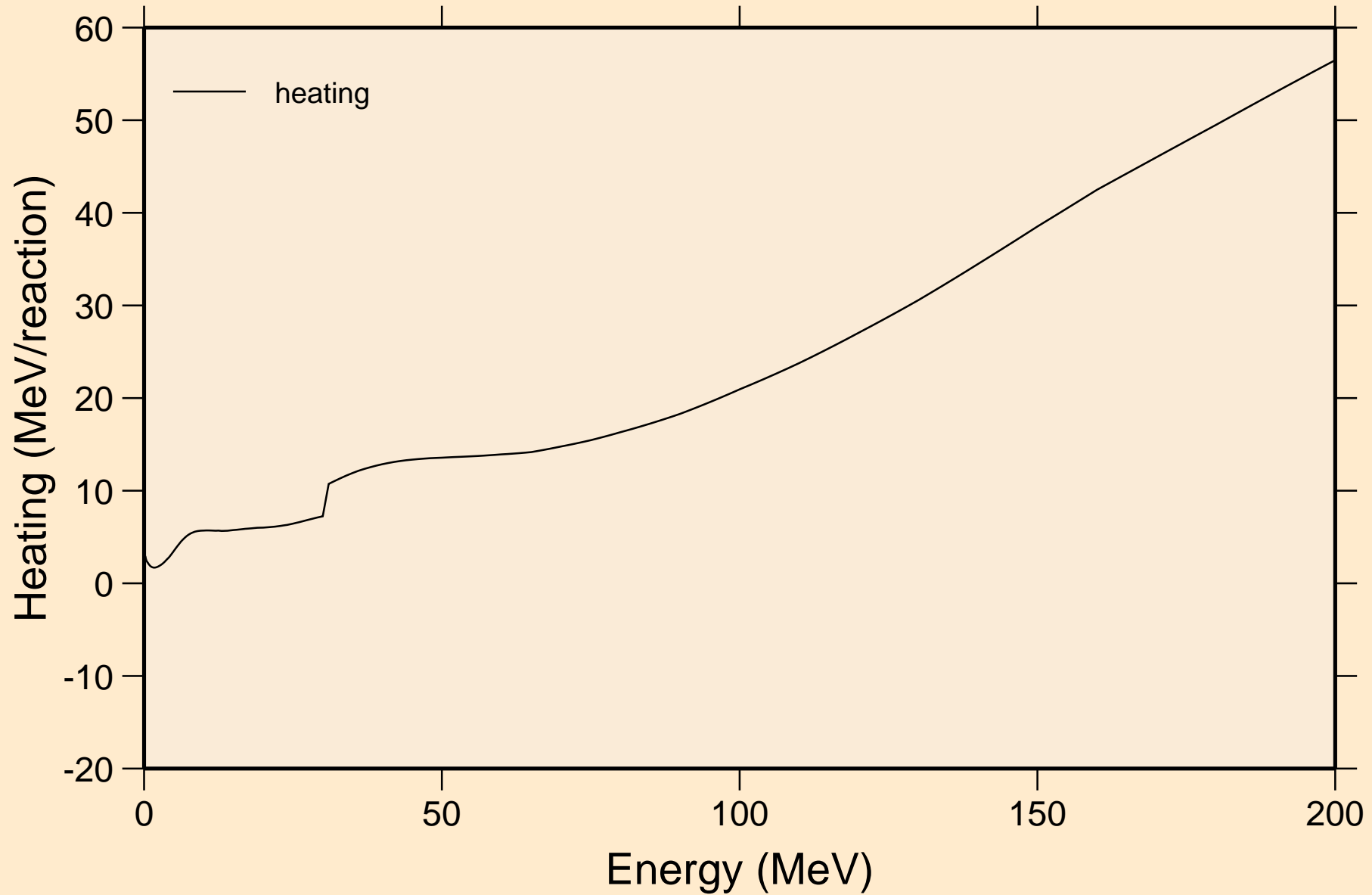
# SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



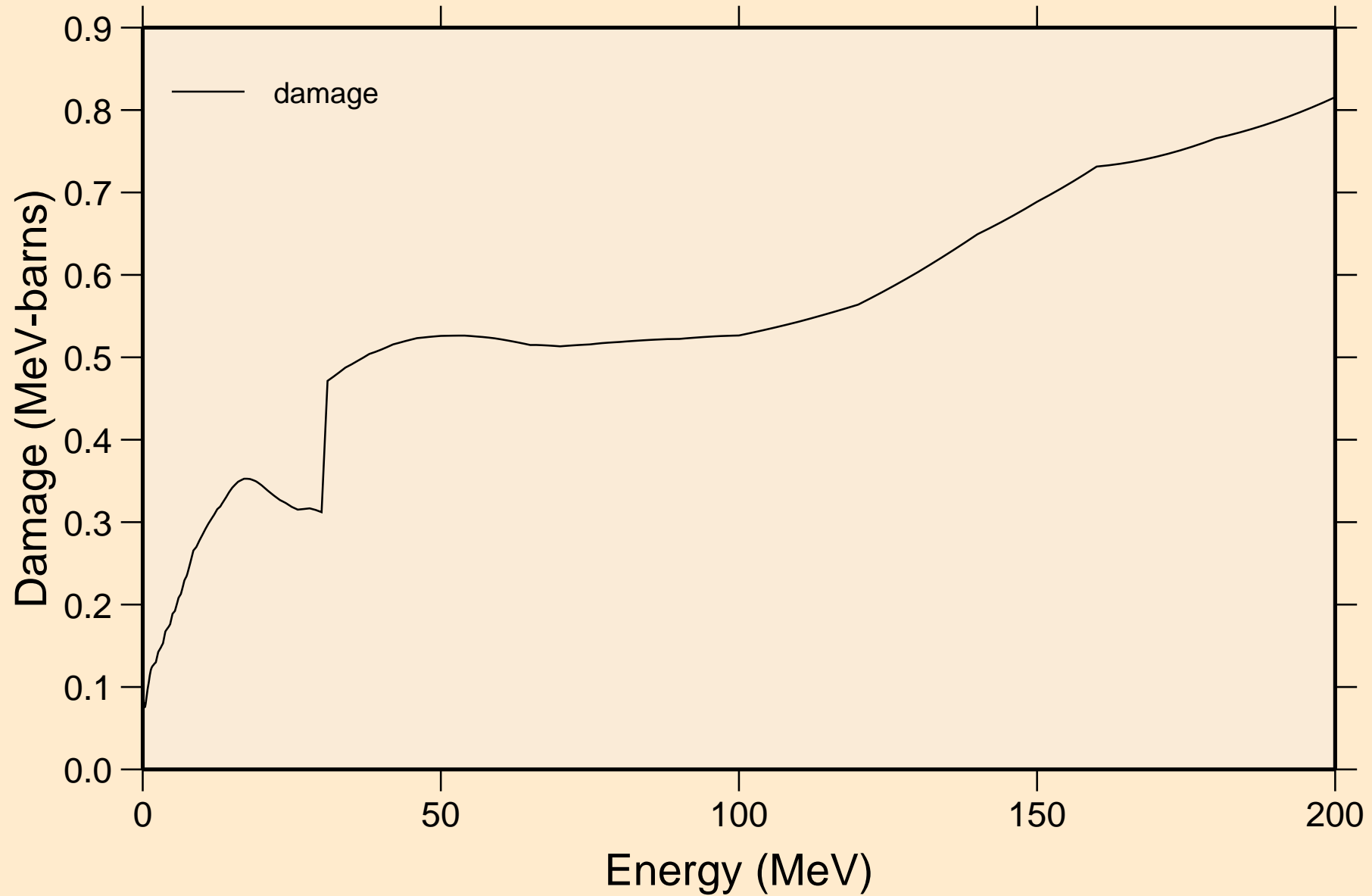
# SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

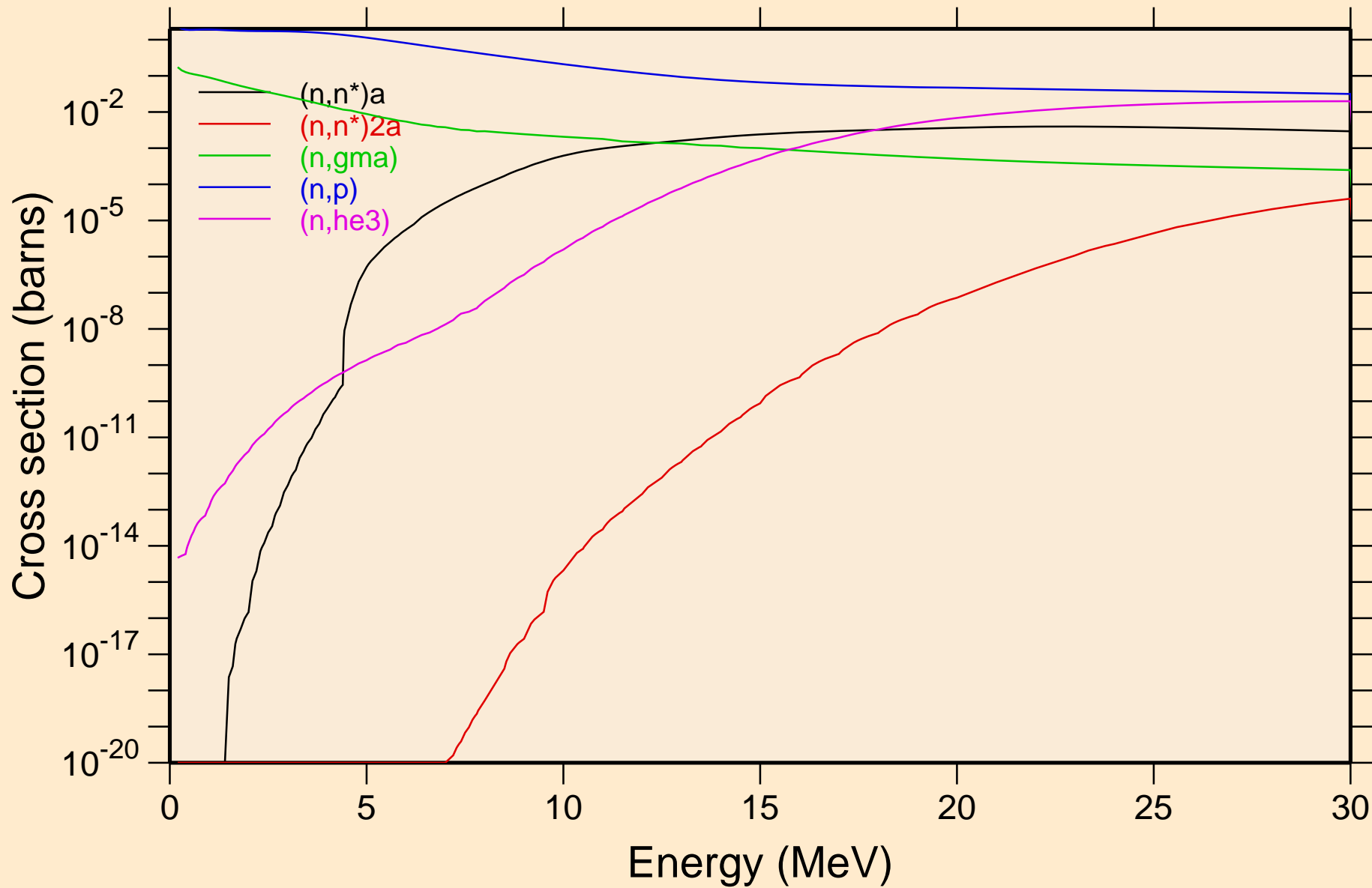


# SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

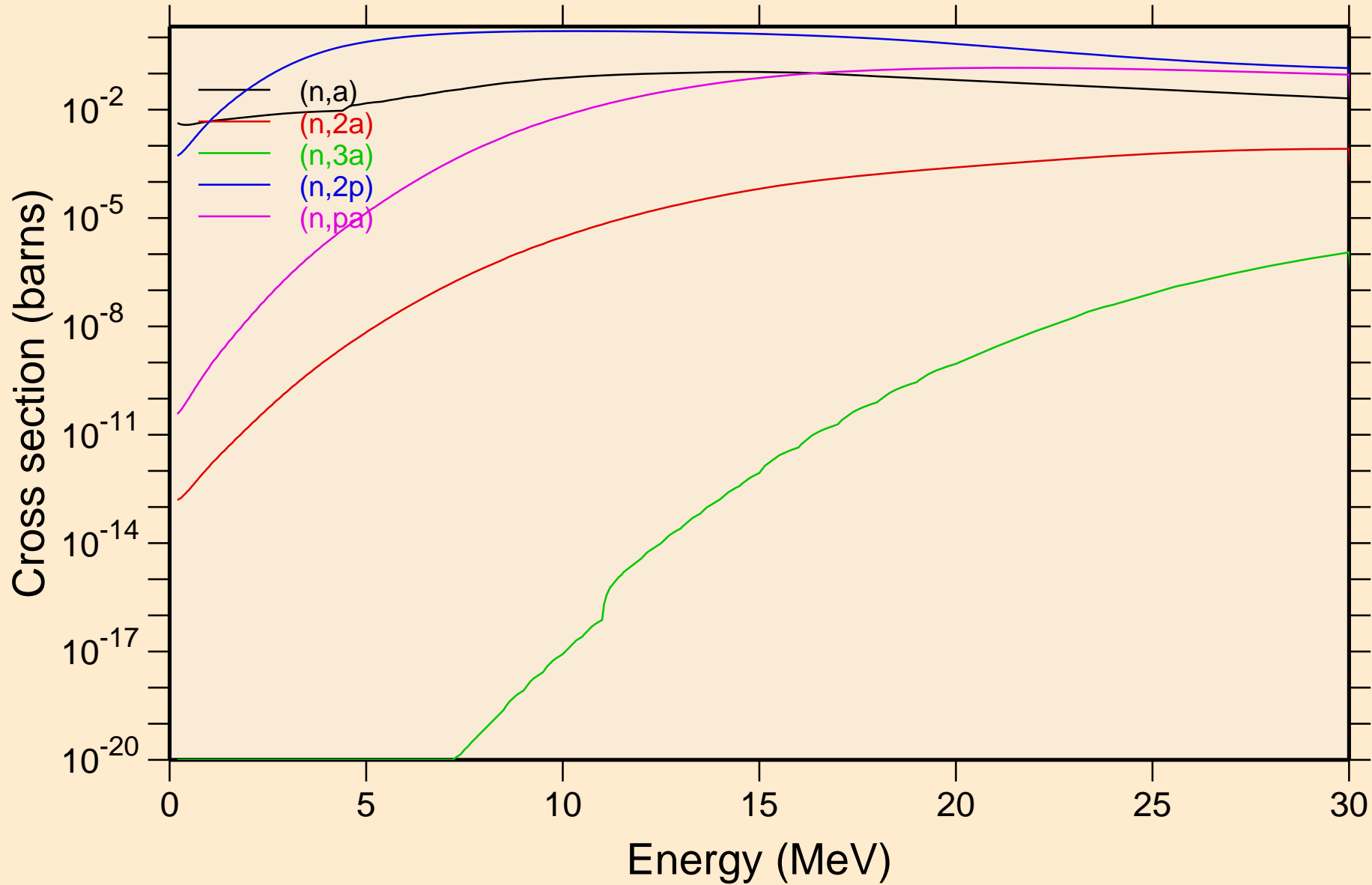


SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



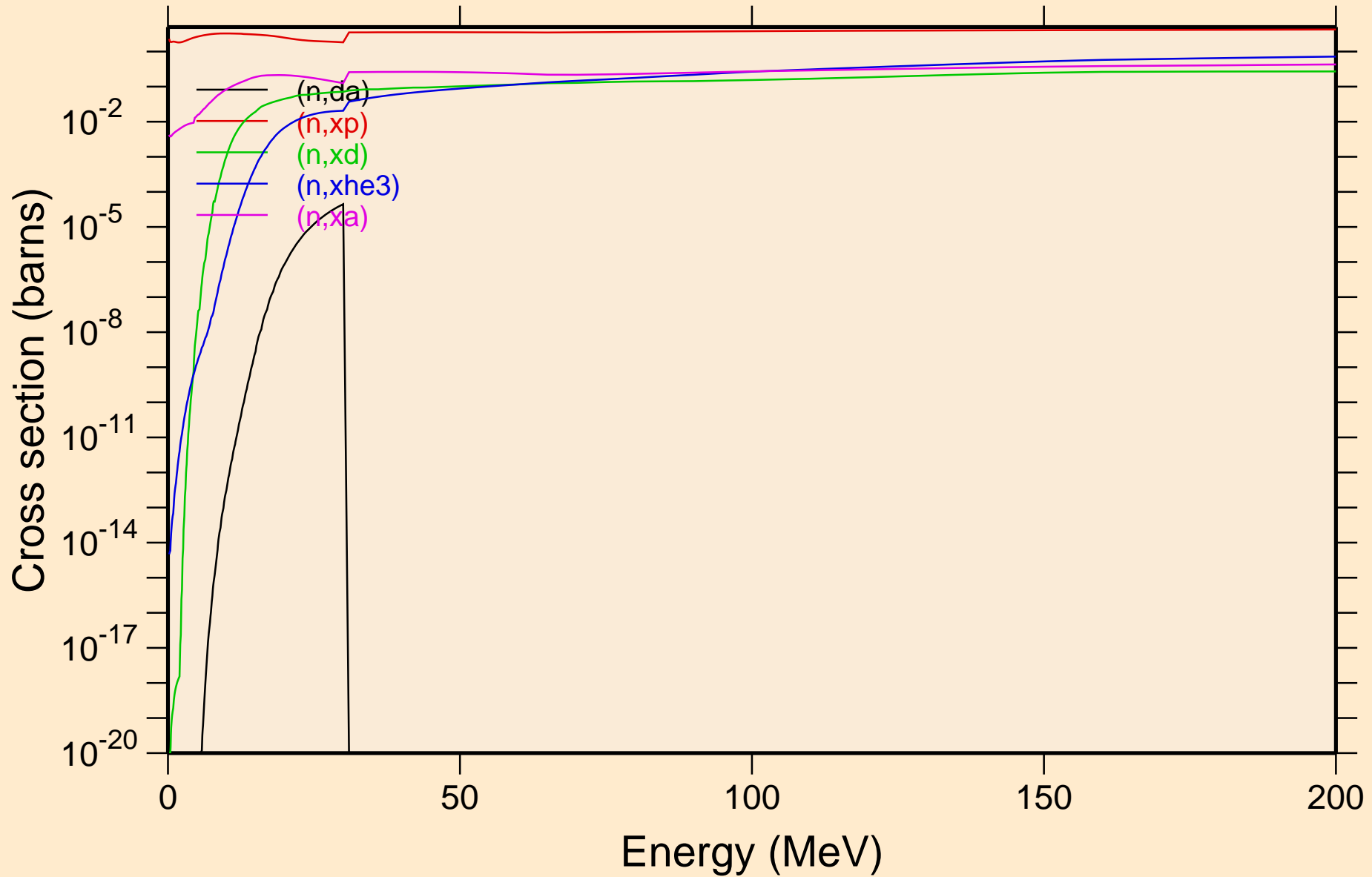
# SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

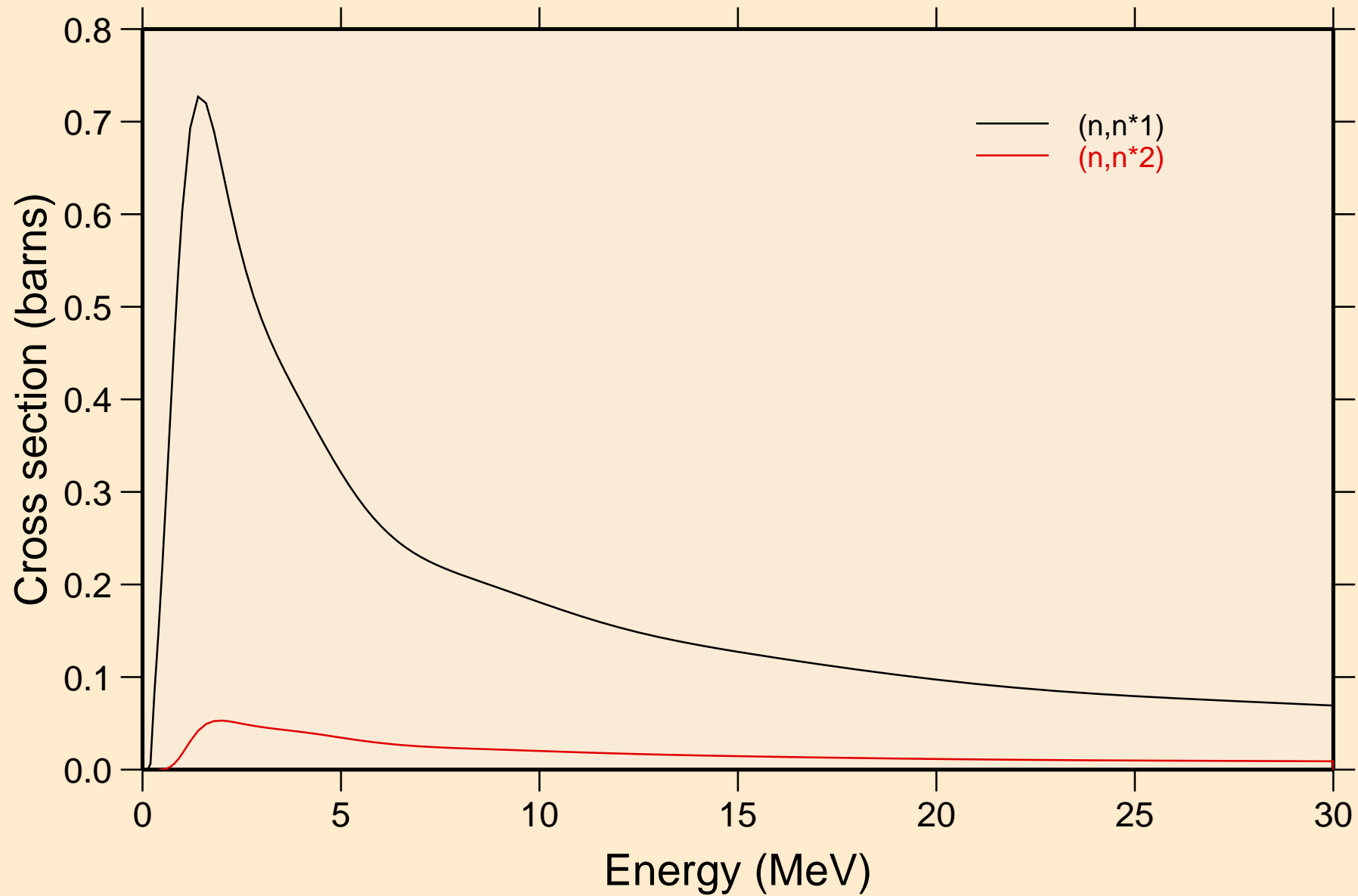


# SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

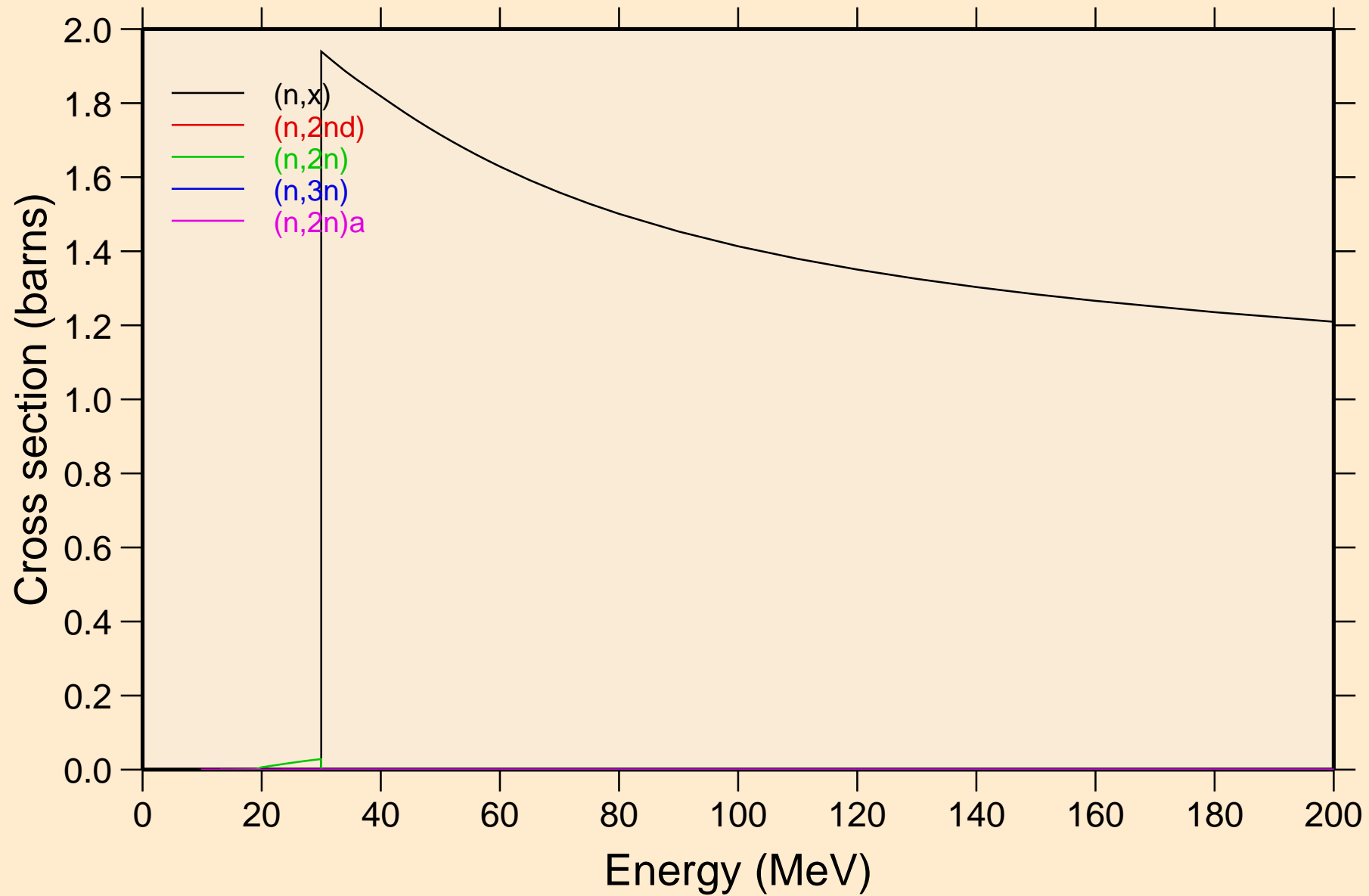
## Non-threshold reactions



SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

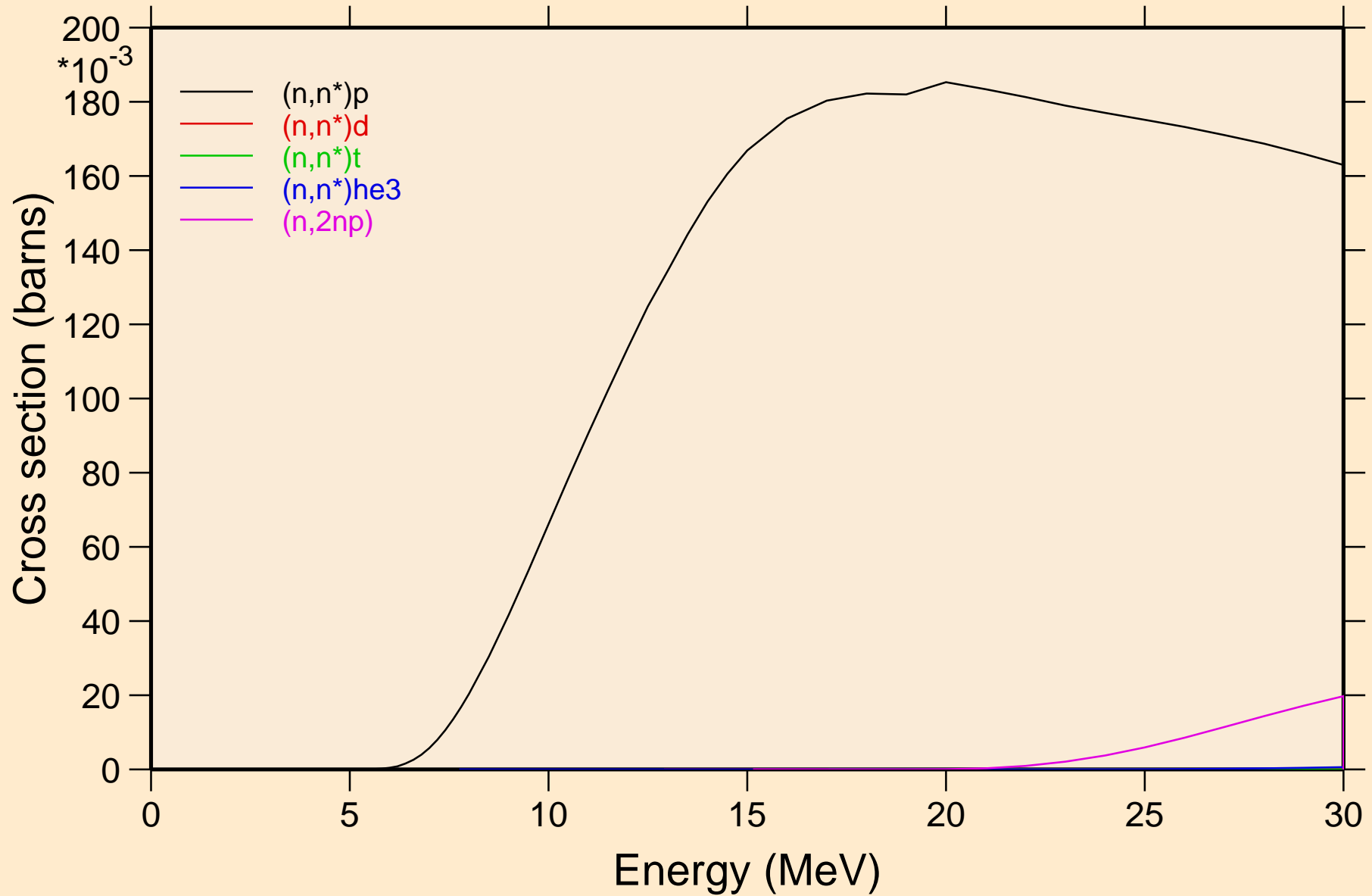


SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

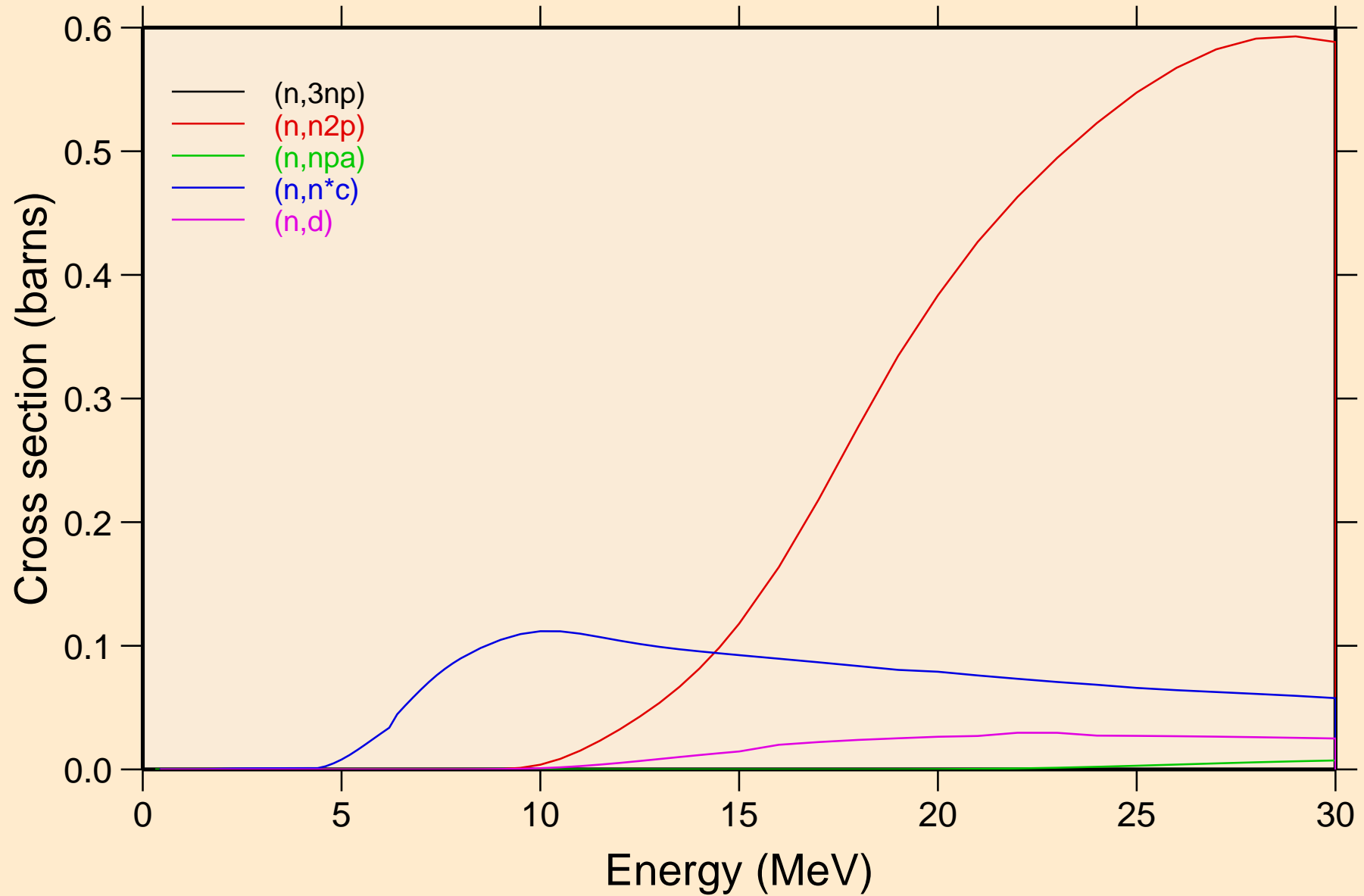


# SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

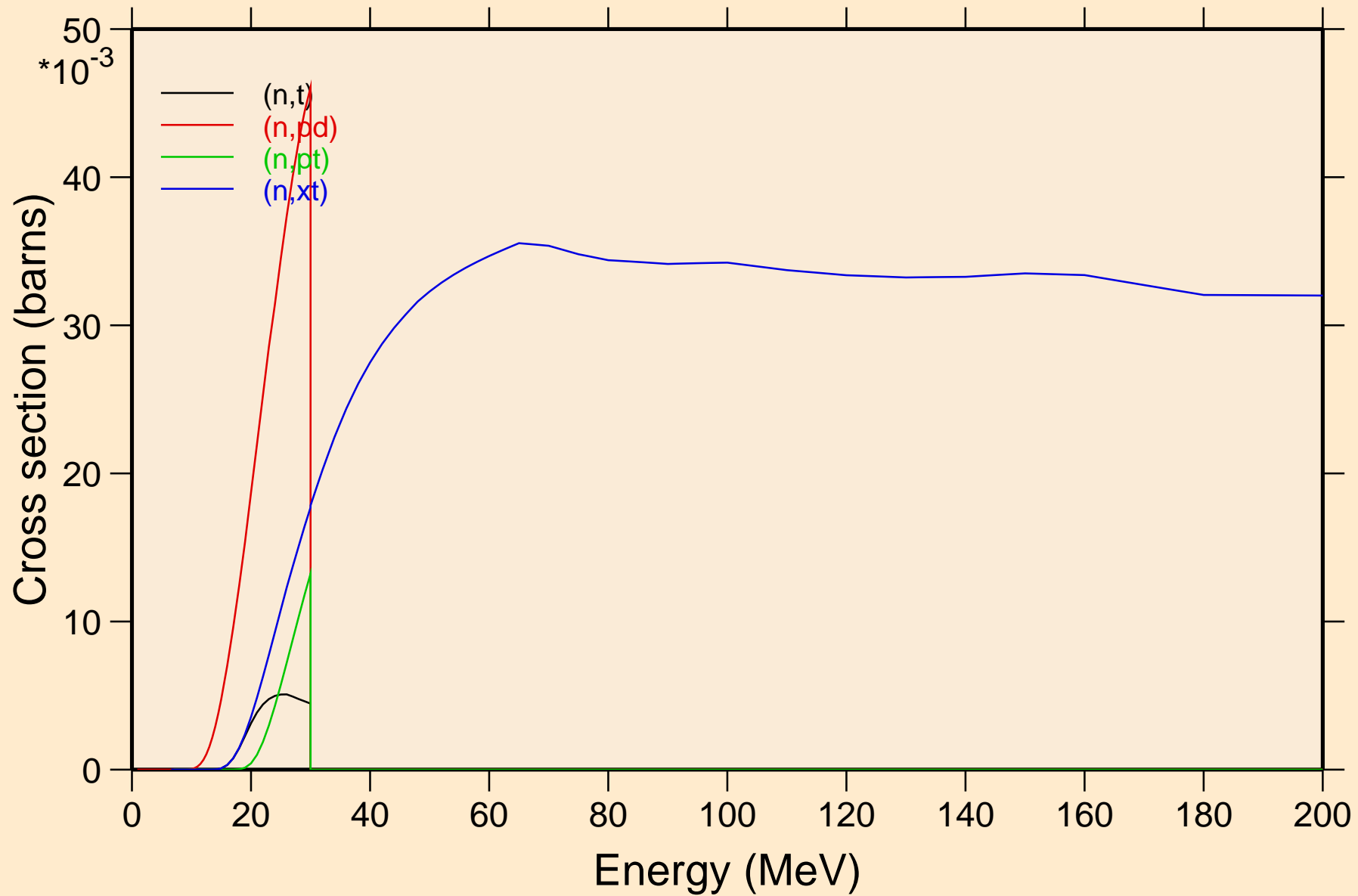


SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

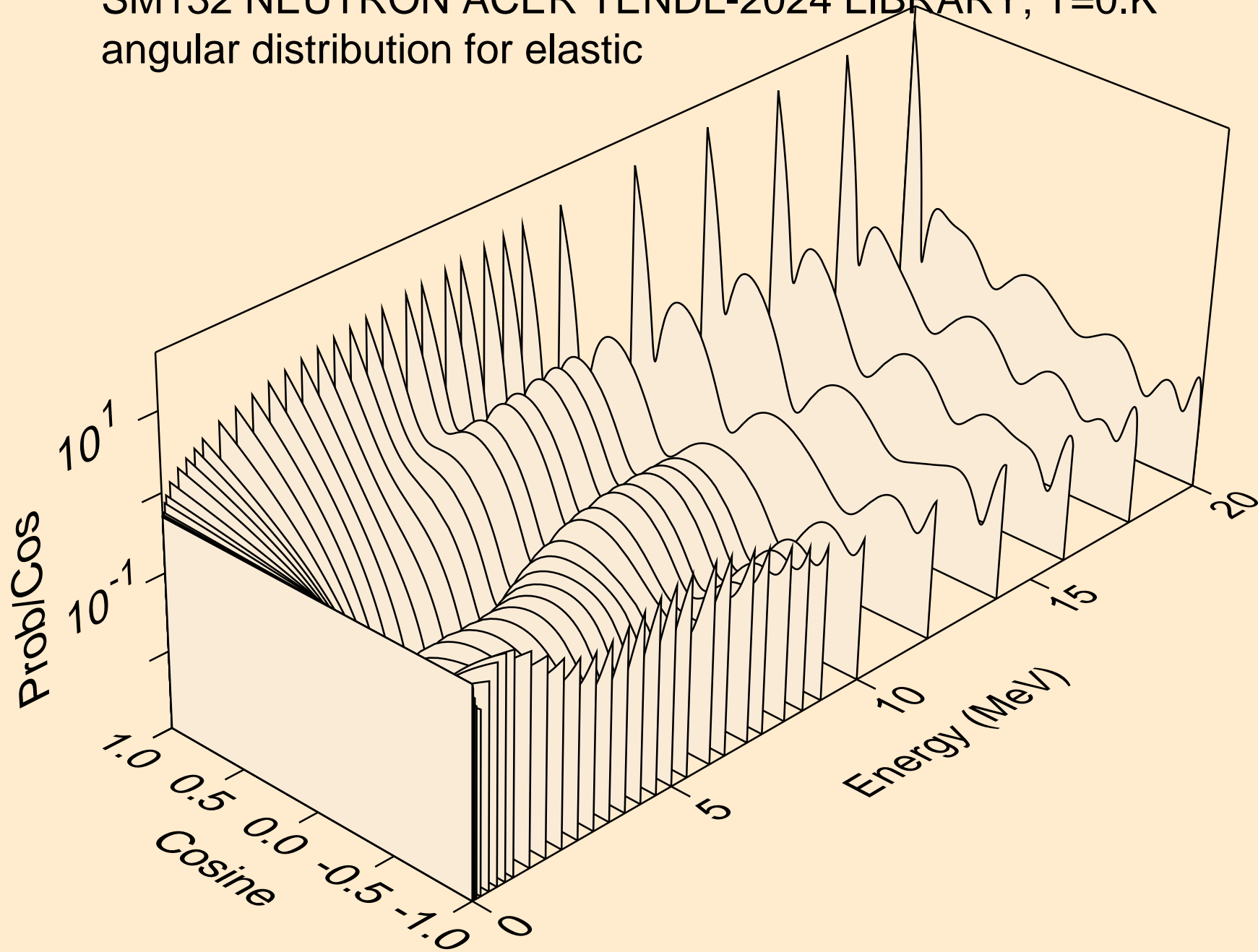


# SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

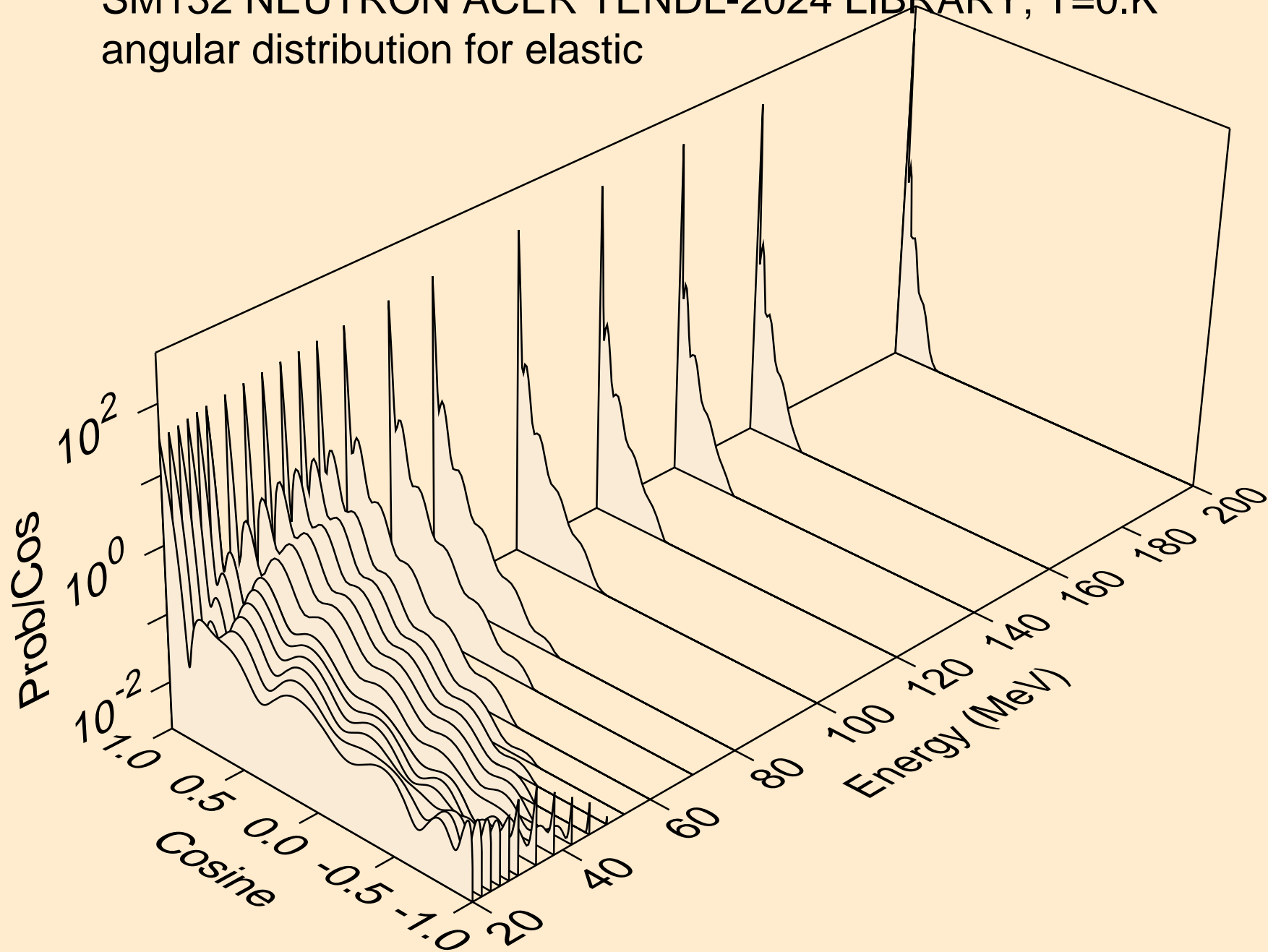
## Threshold reactions



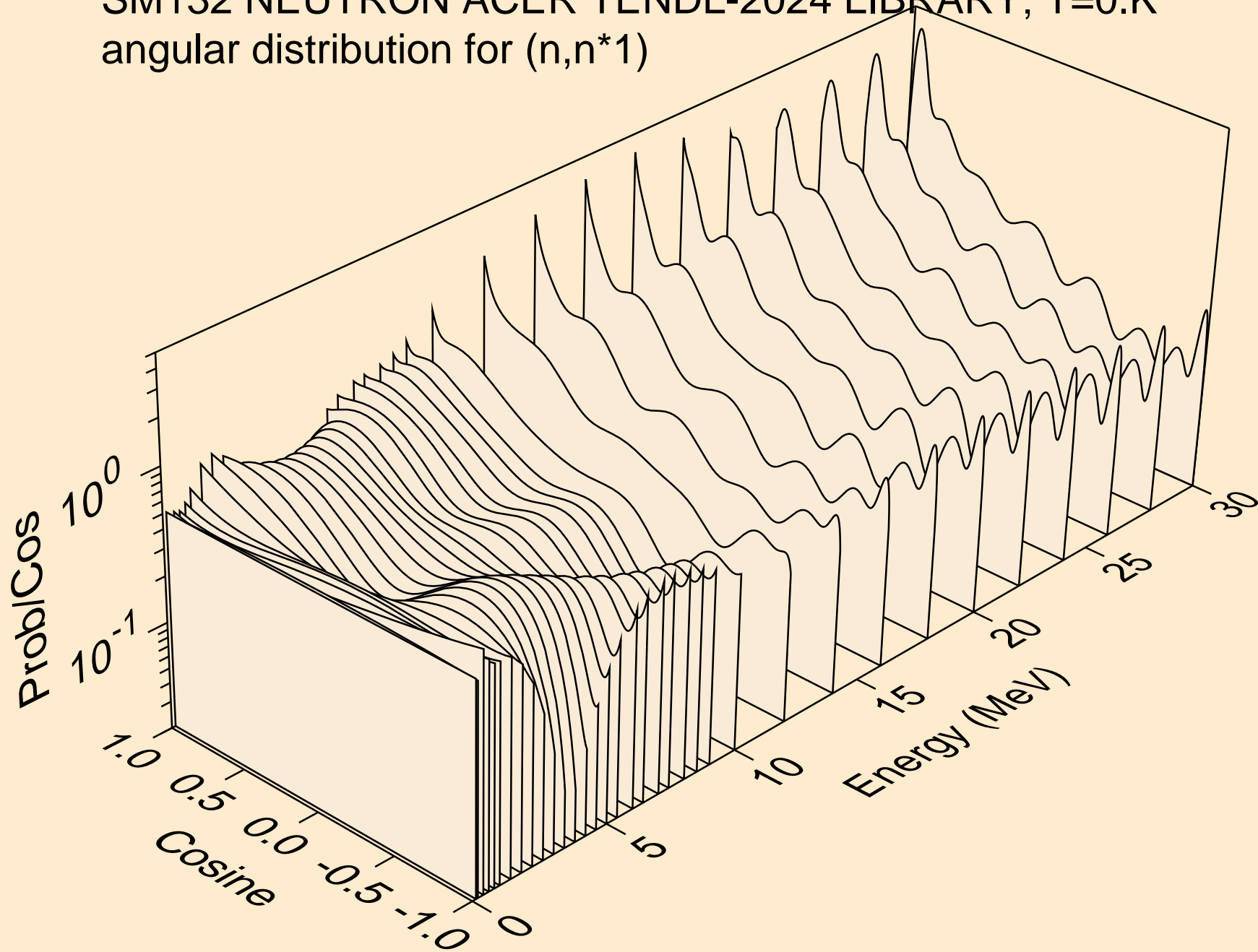
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



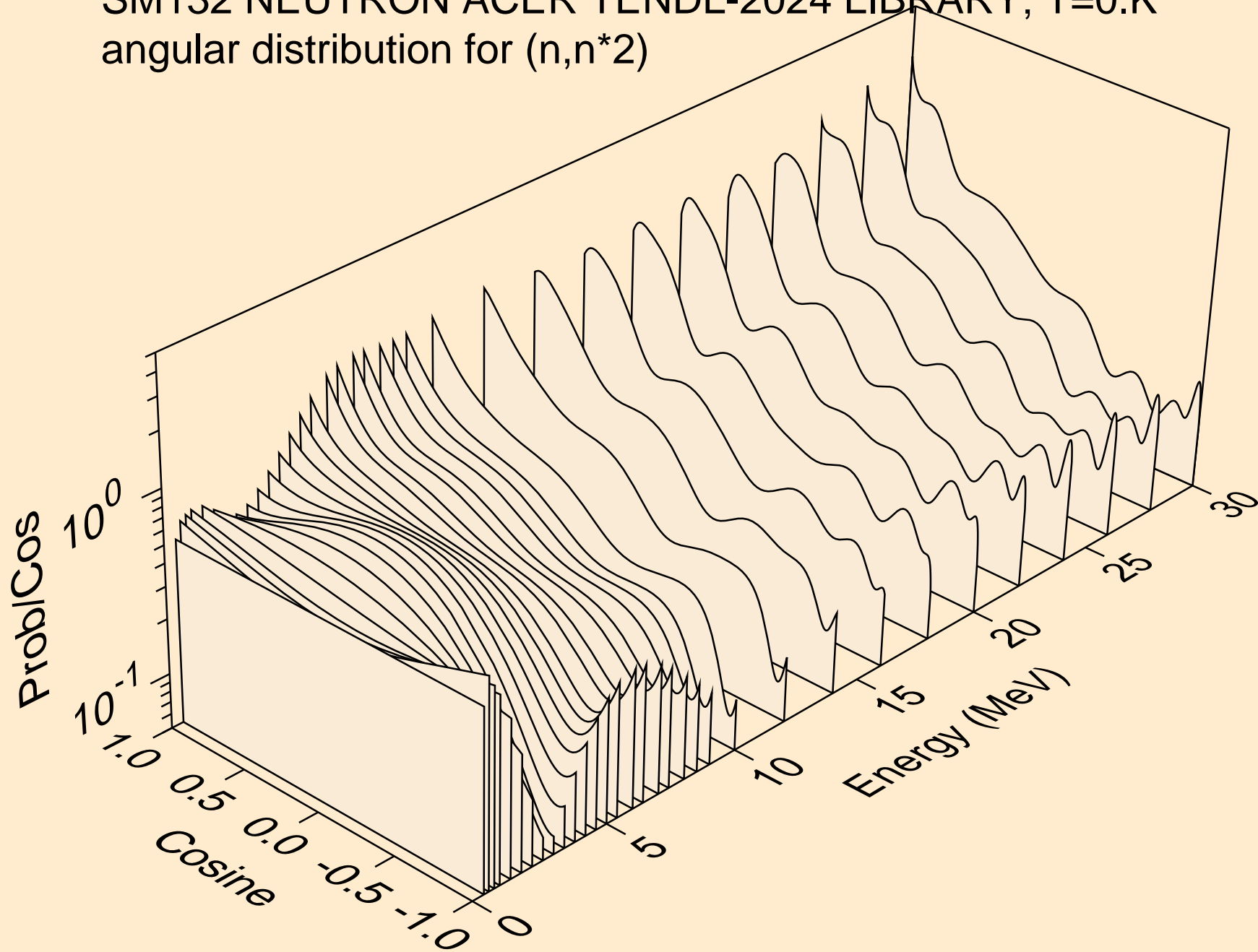
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



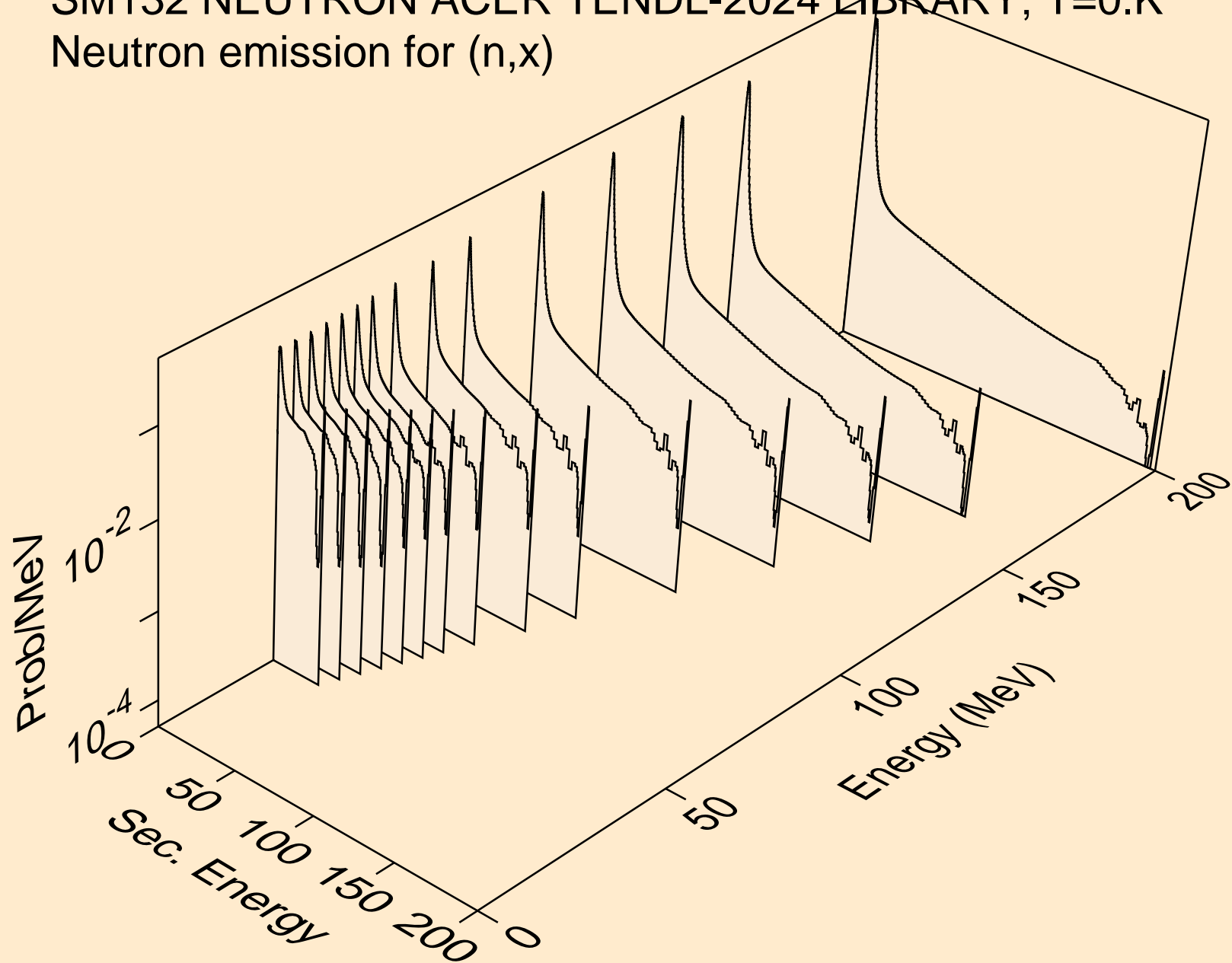
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



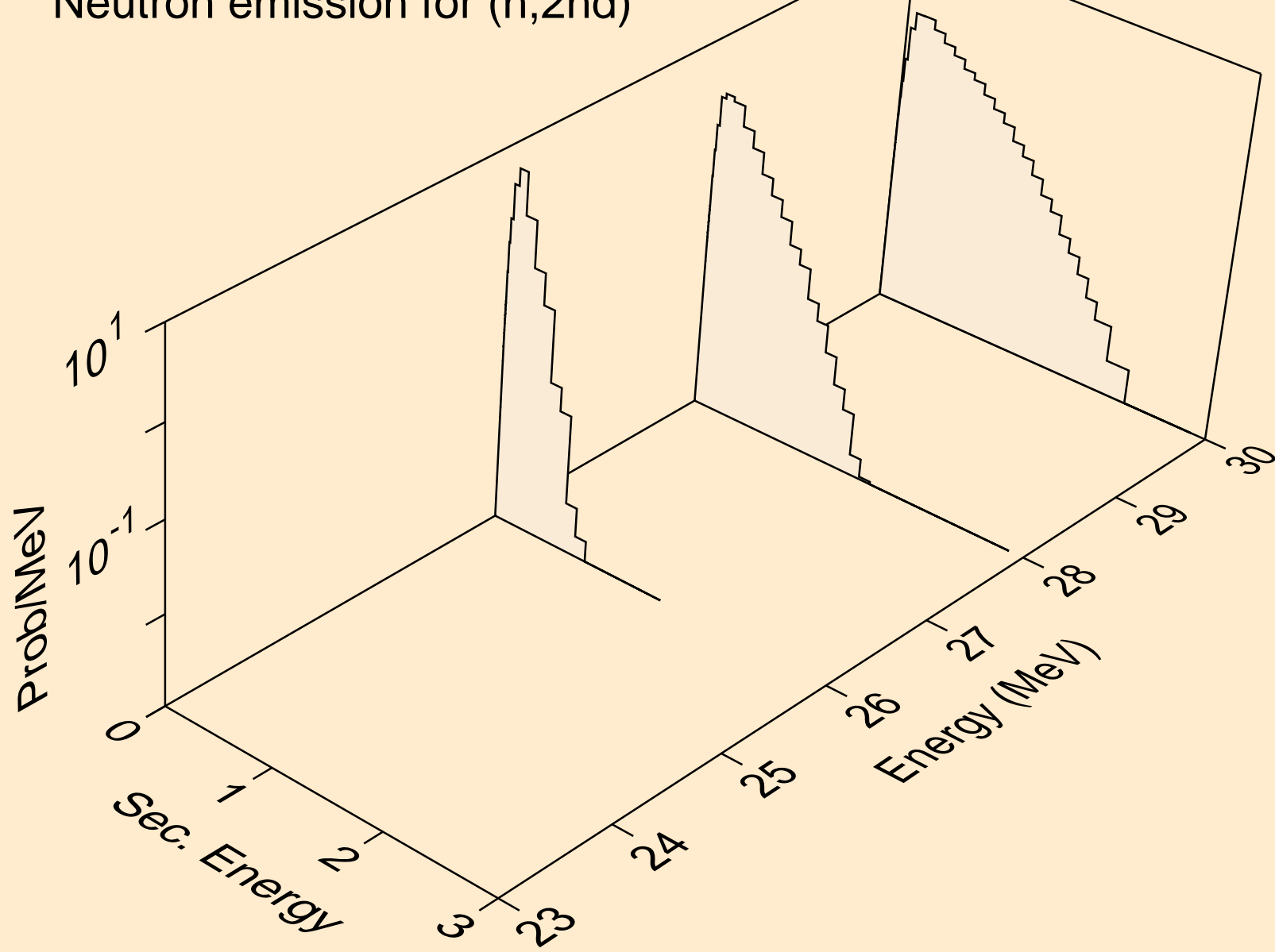
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angular distribution for (n,n\*2)



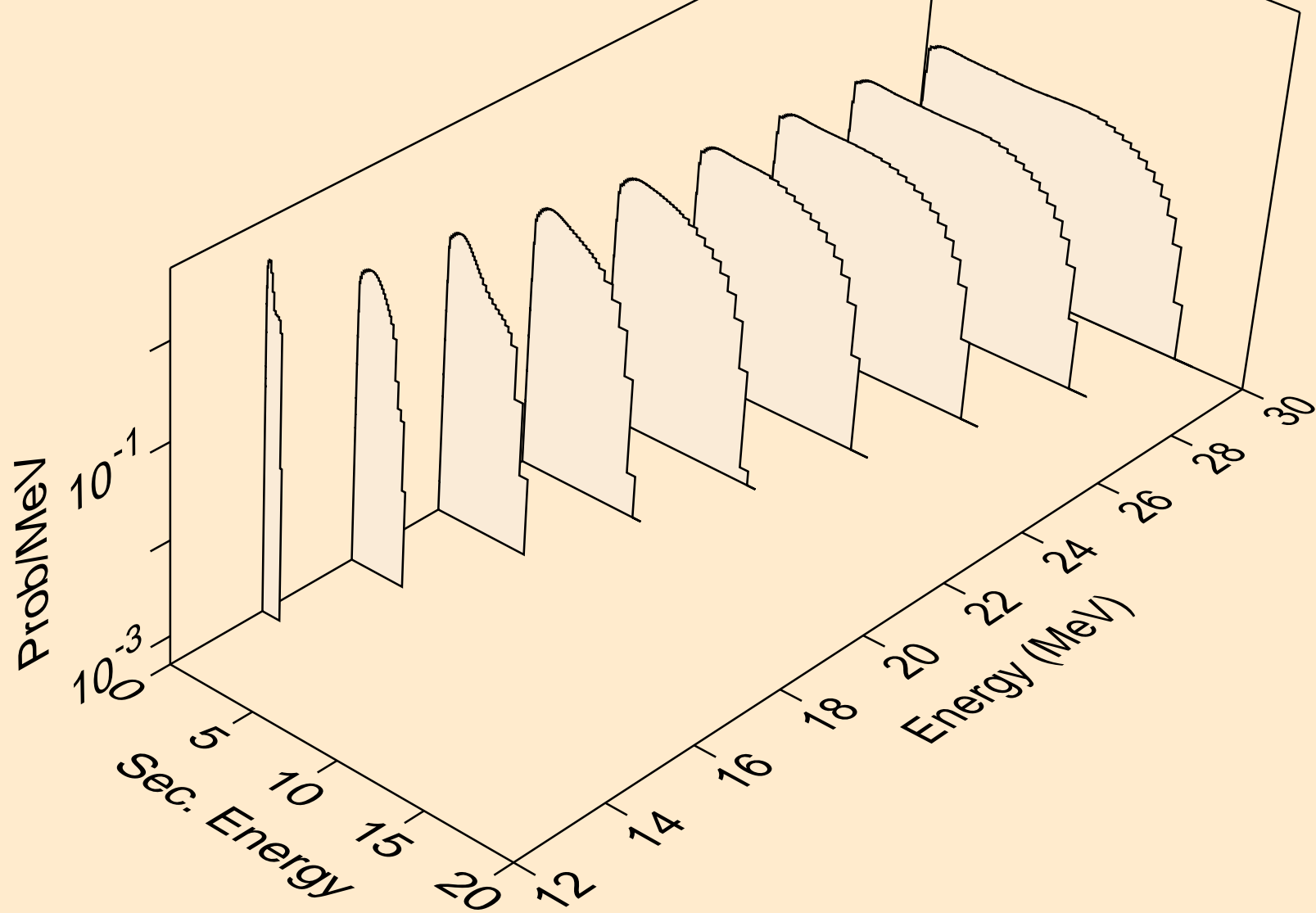
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



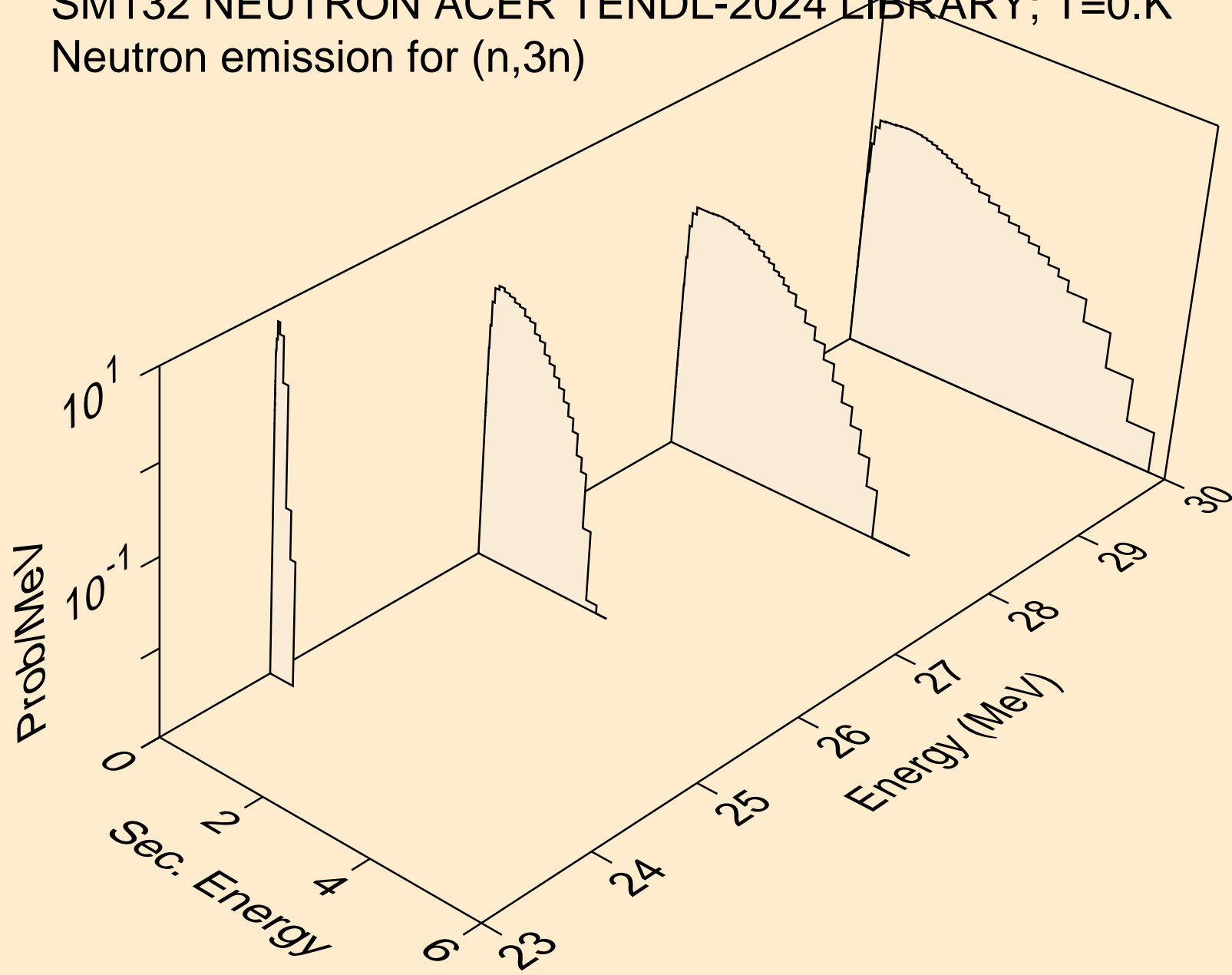
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Neutron emission for (n,2nd)



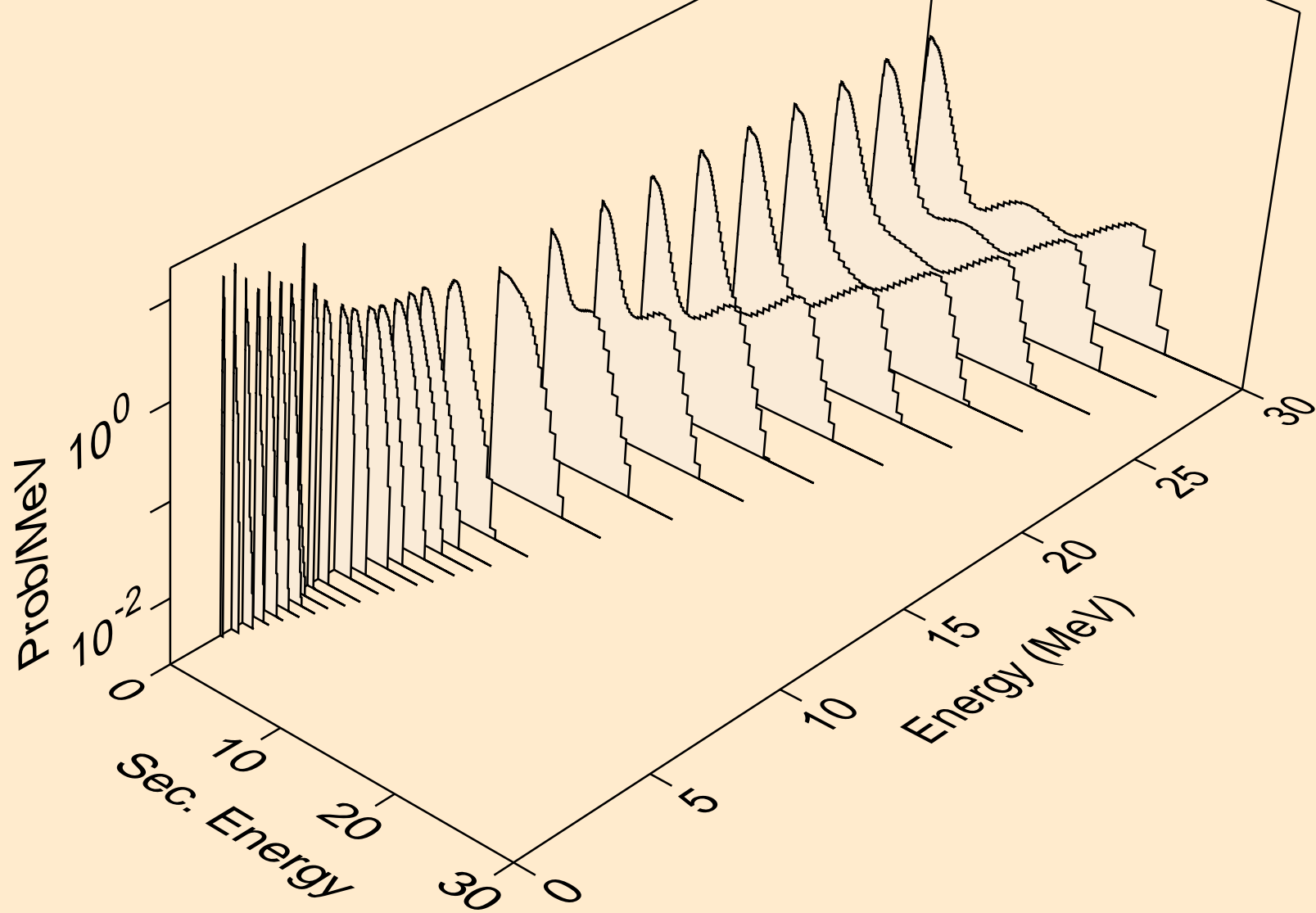
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



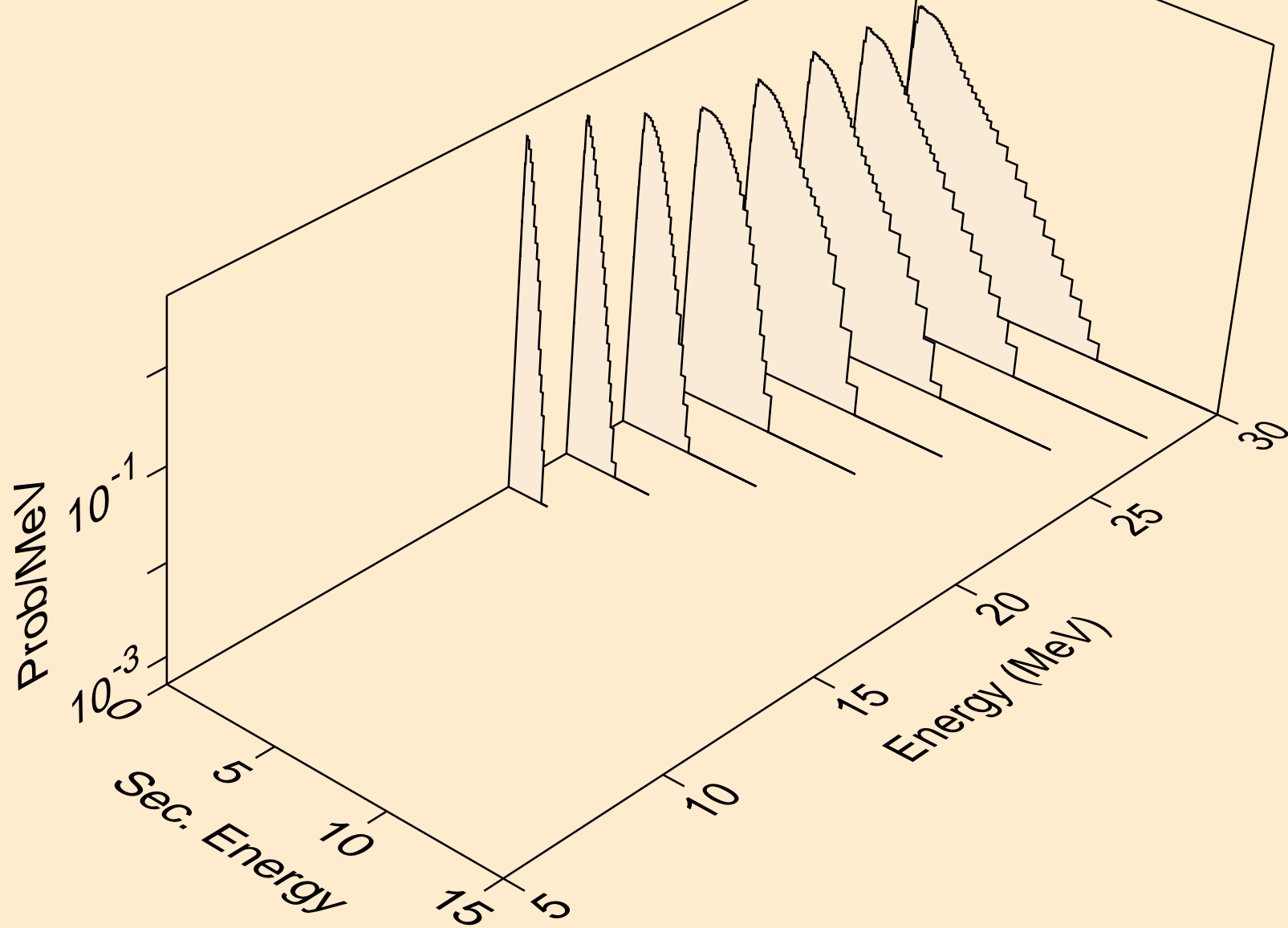
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



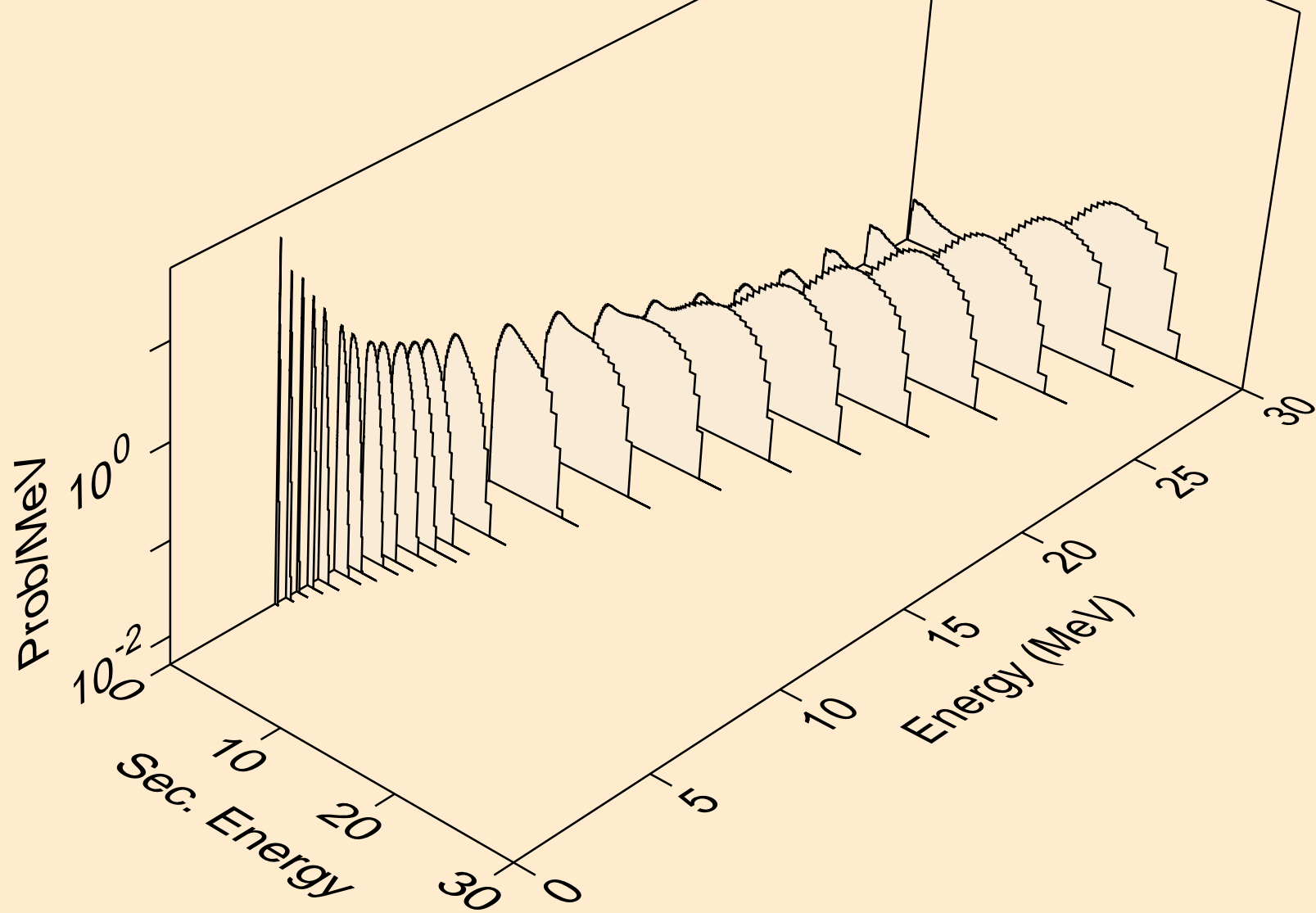
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



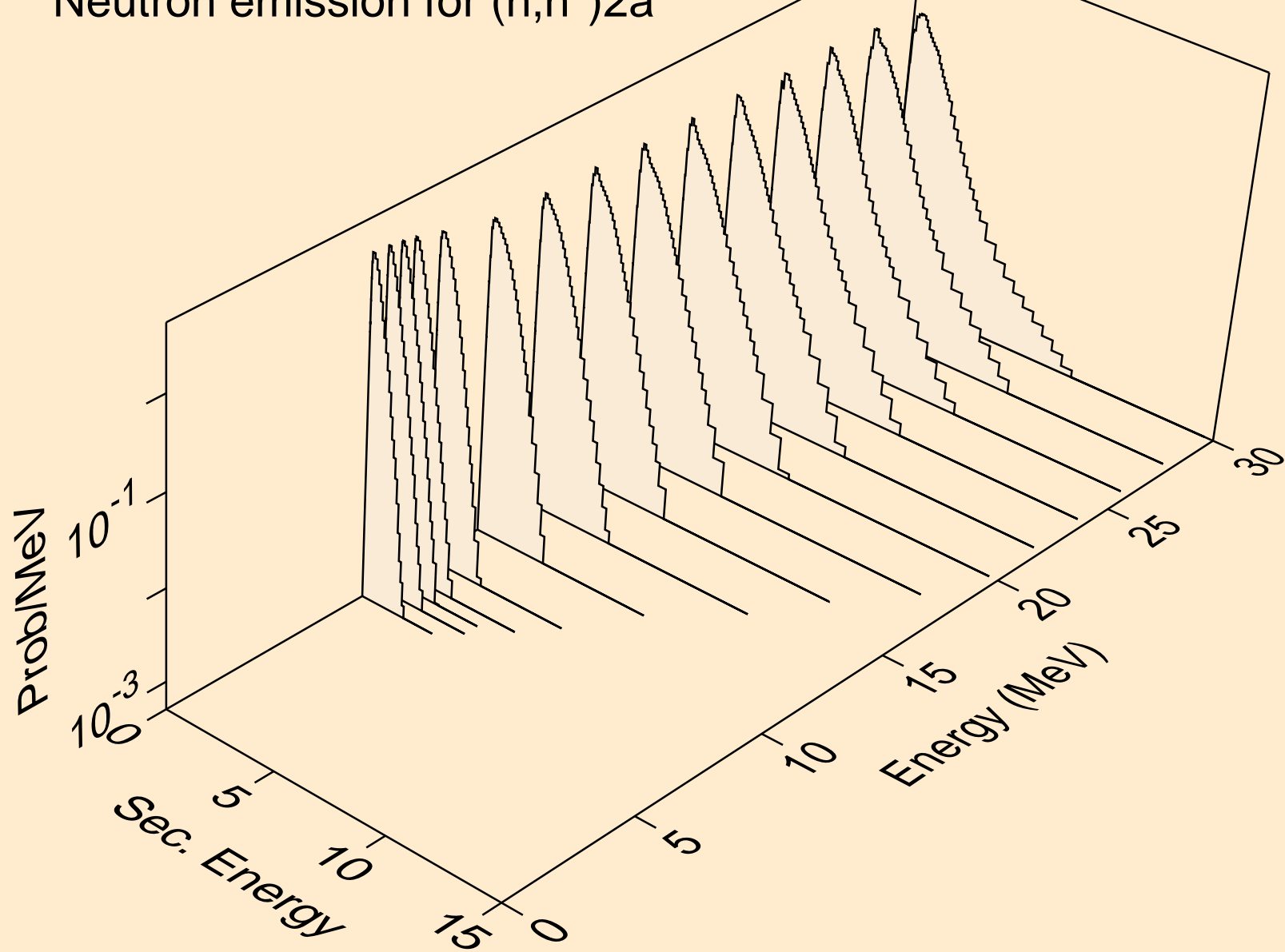
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Neutron emission for (n,2n)a



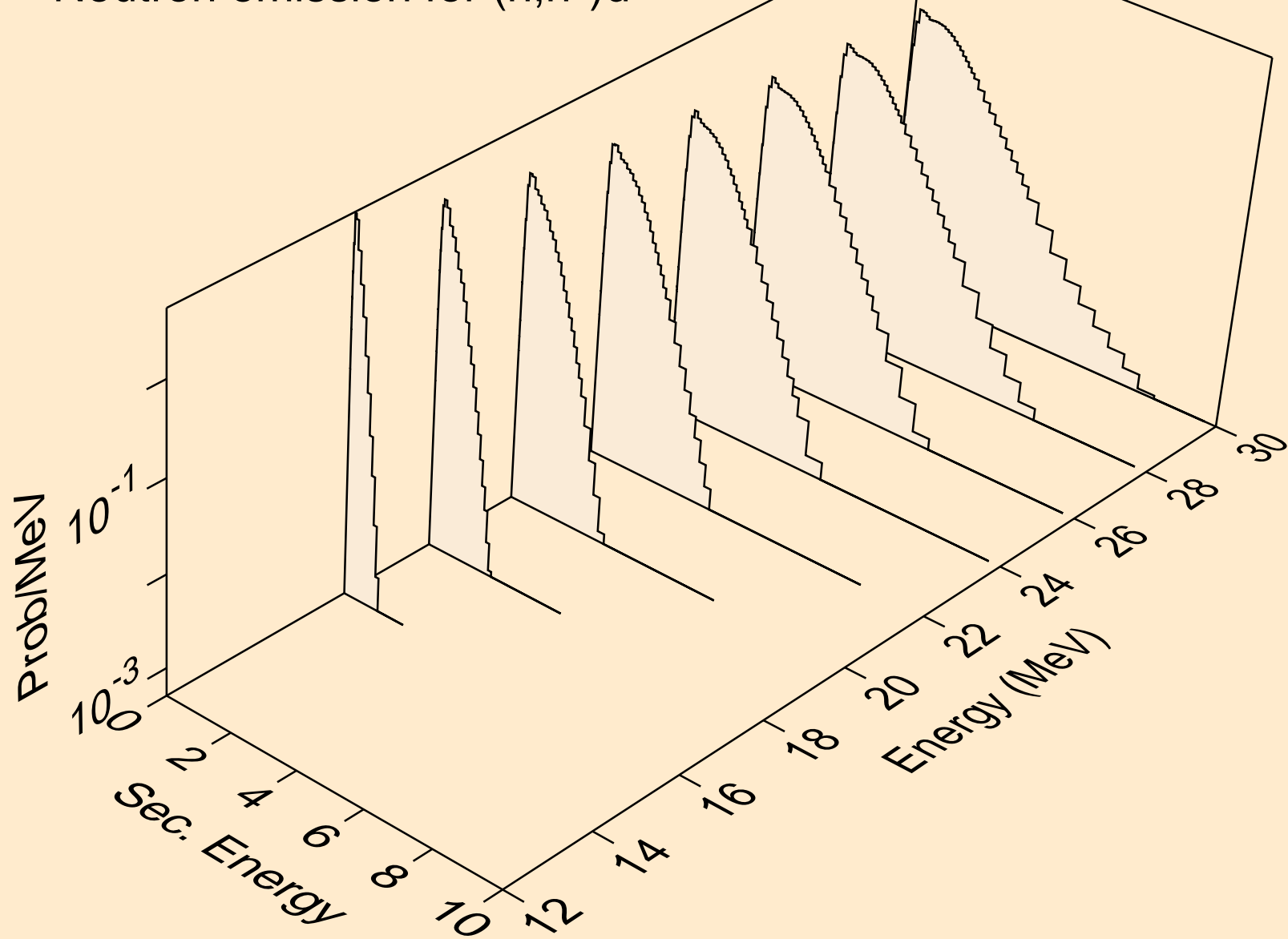
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



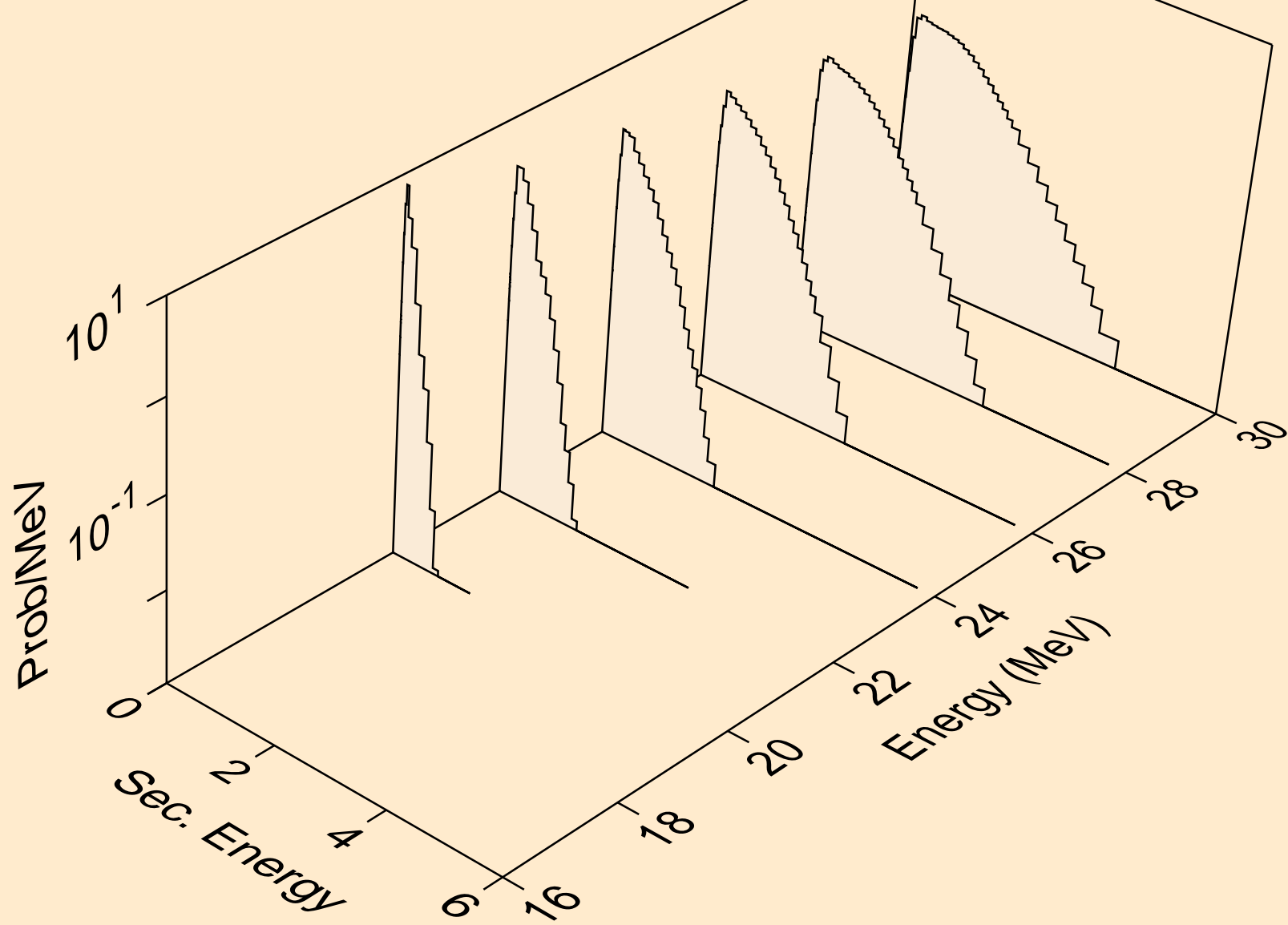
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



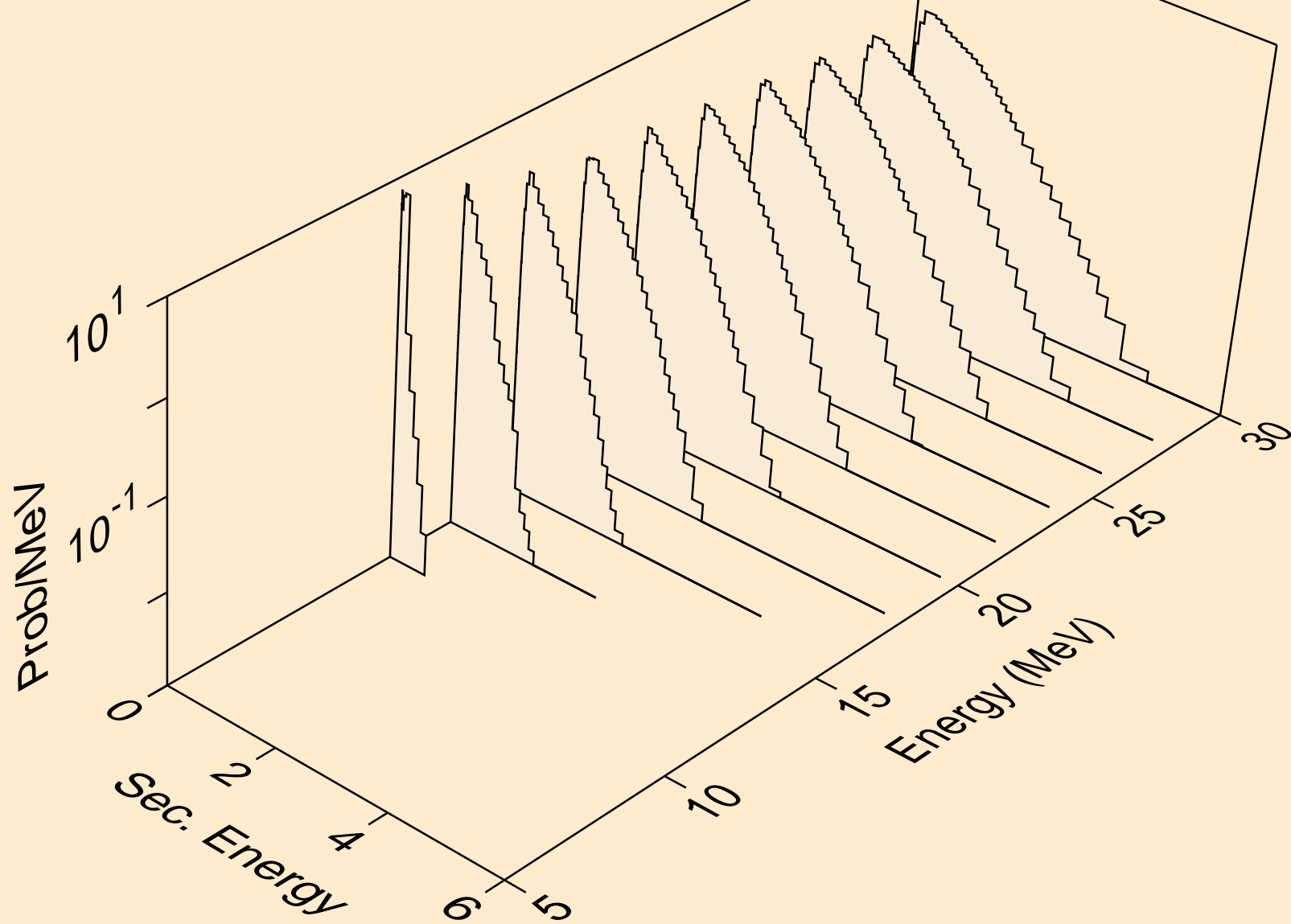
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



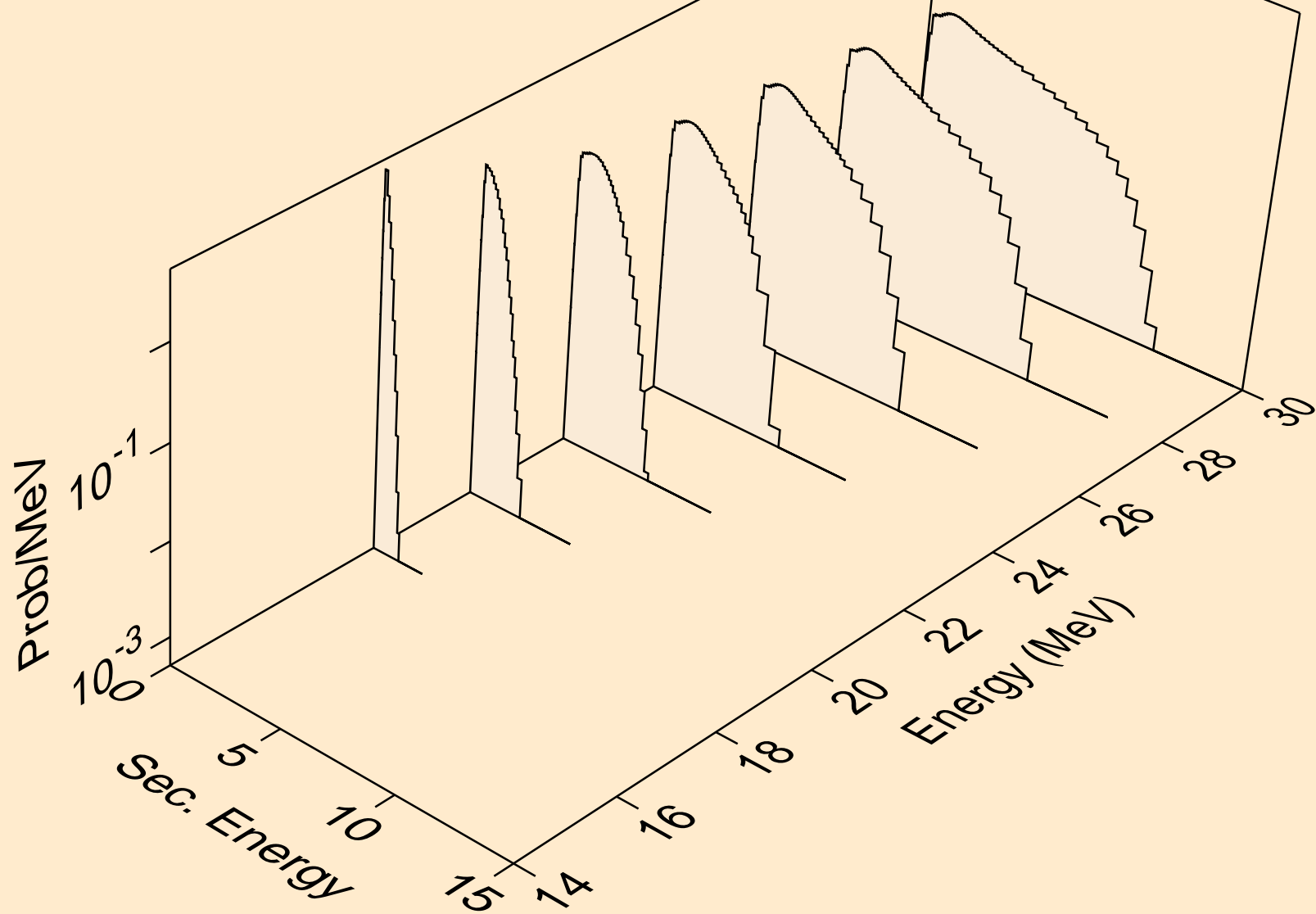
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



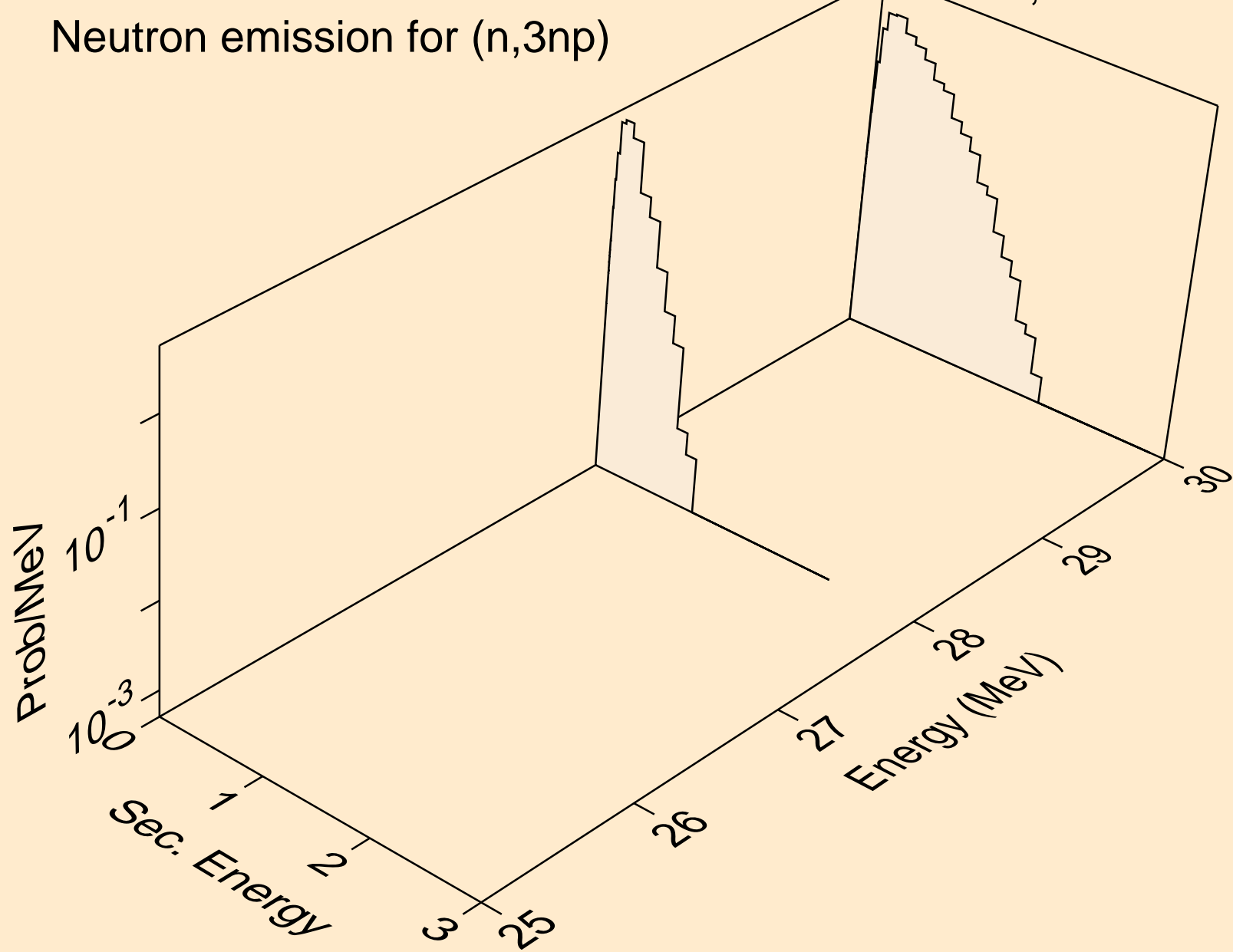
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



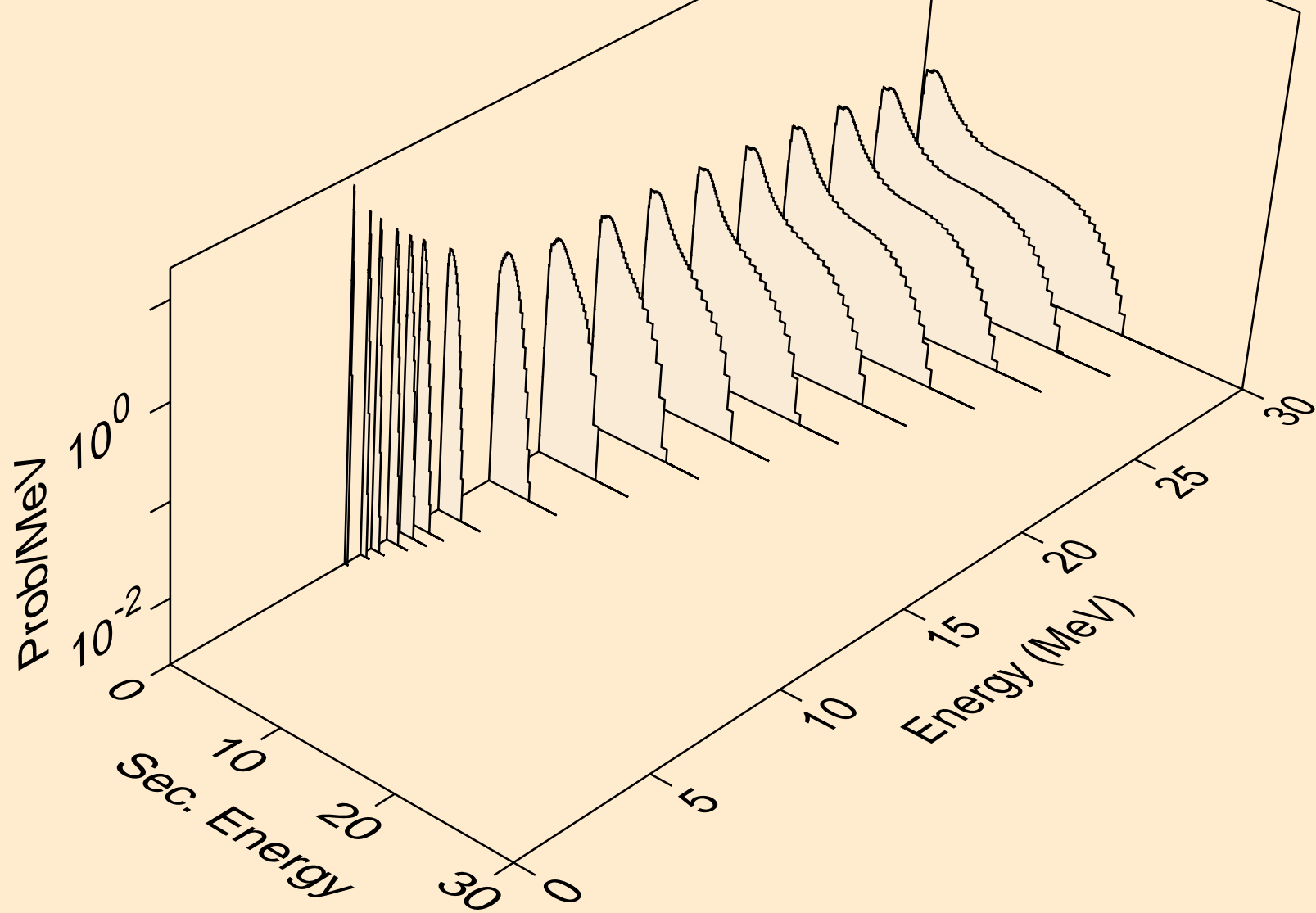
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



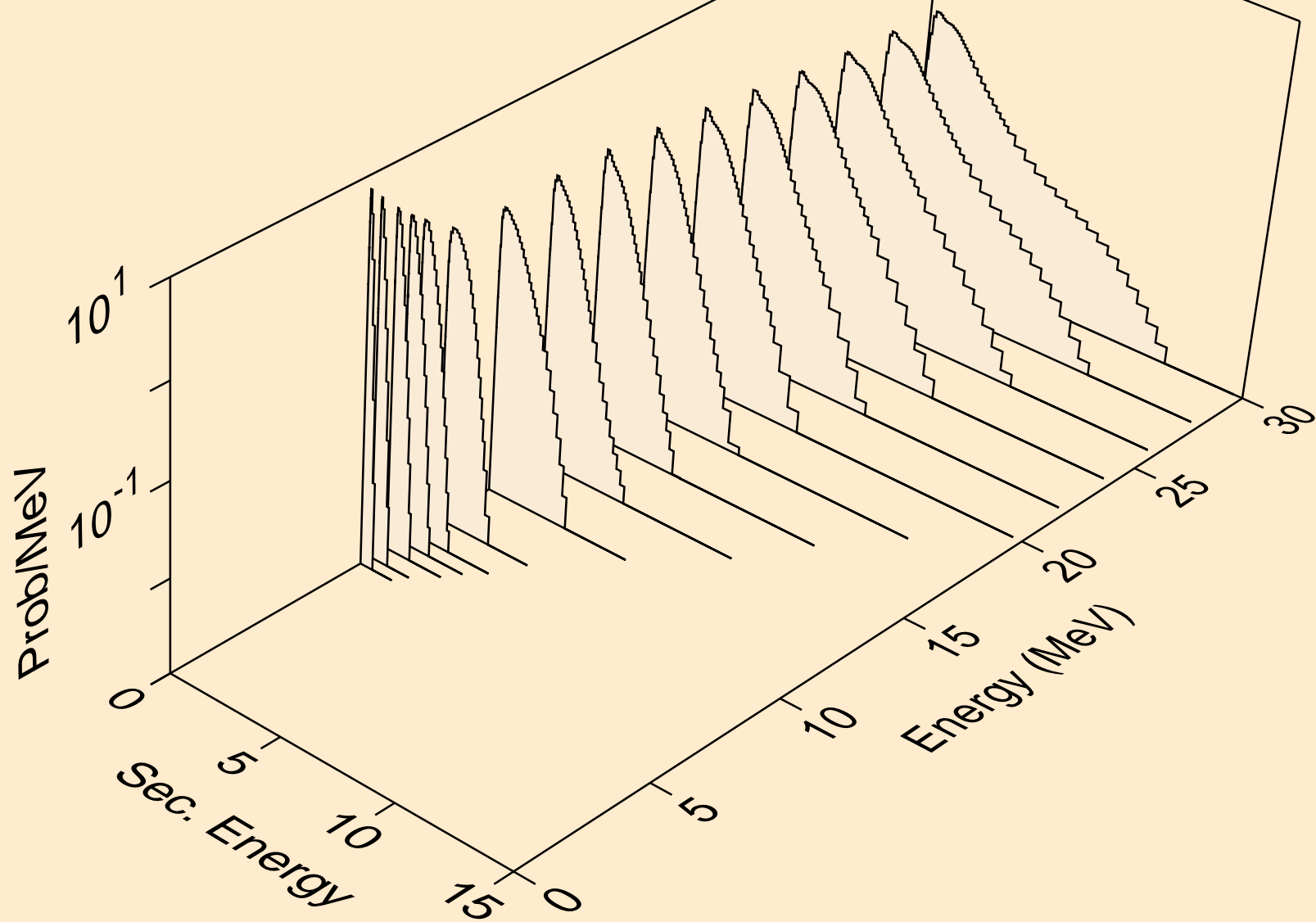
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Neutron emission for (n,3np)



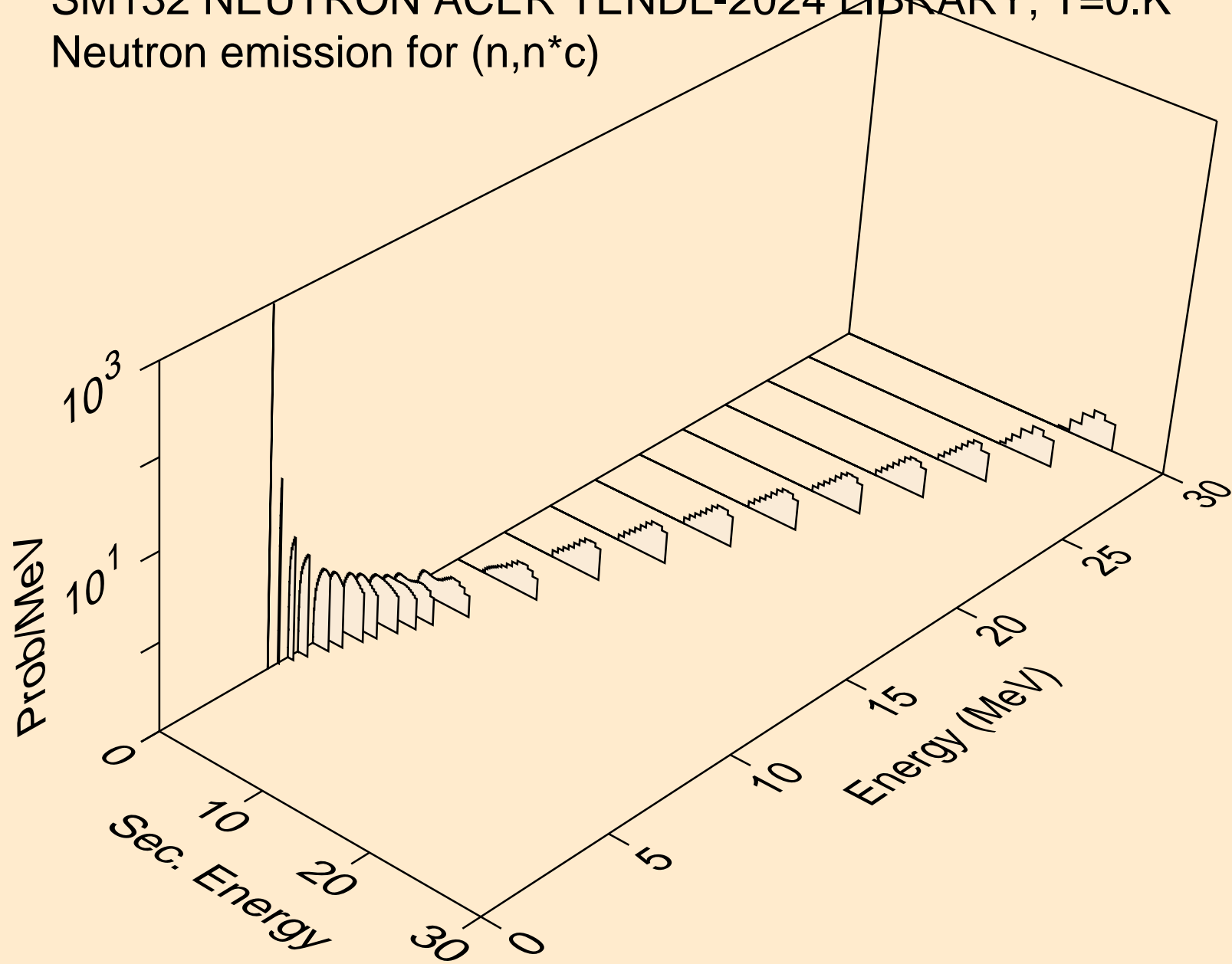
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Neutron emission for (n,n2p)



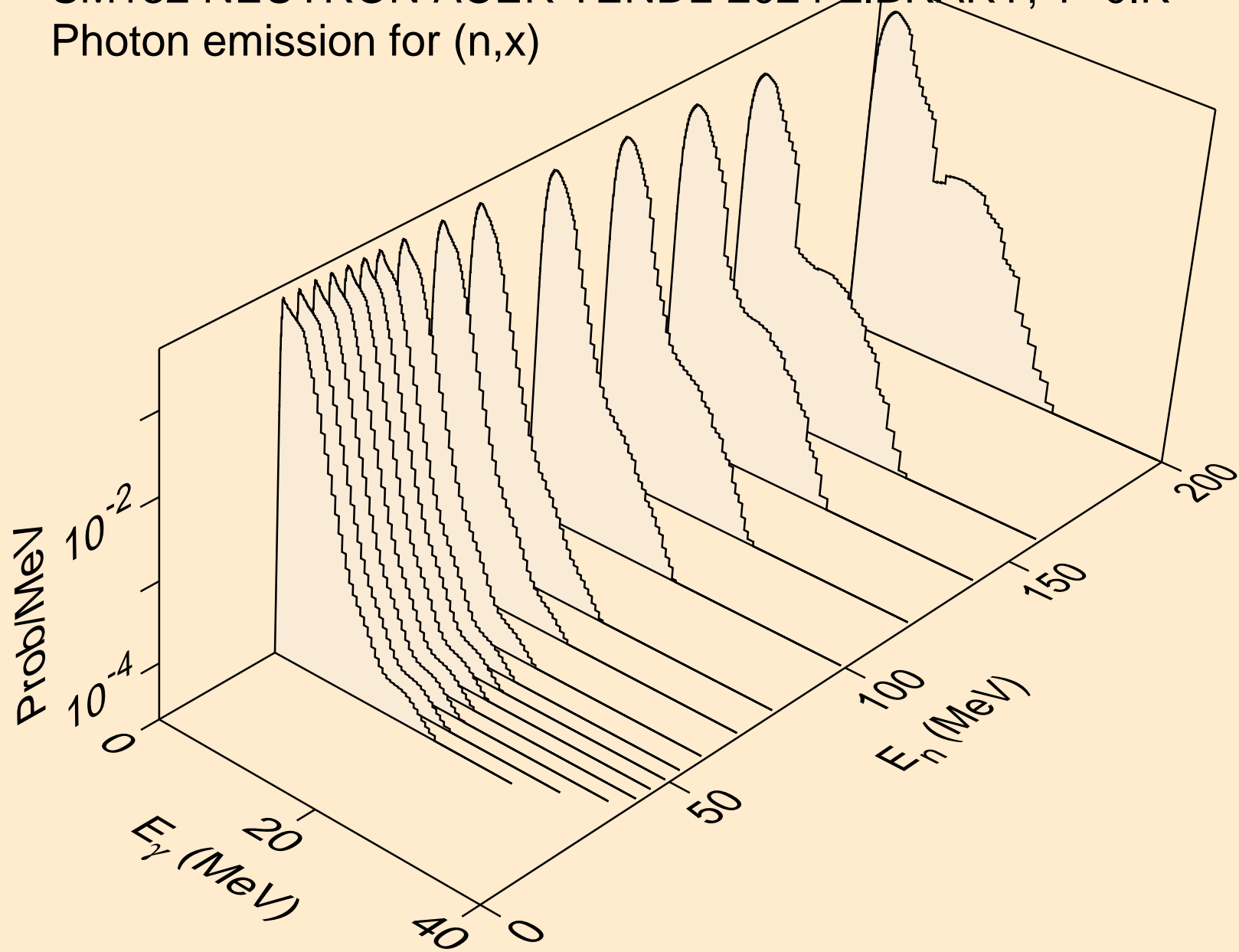
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Neutron emission for (n,npa)



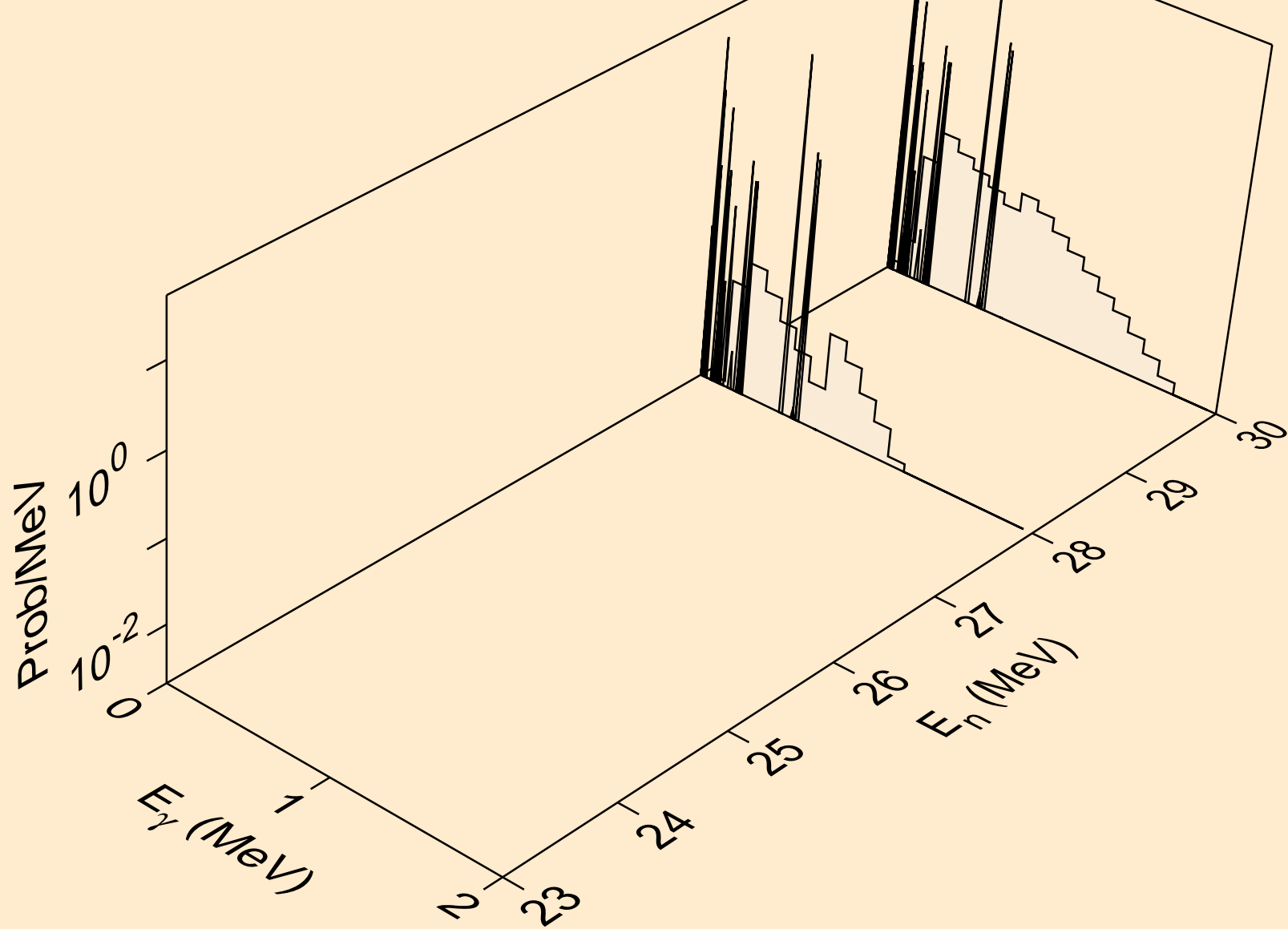
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



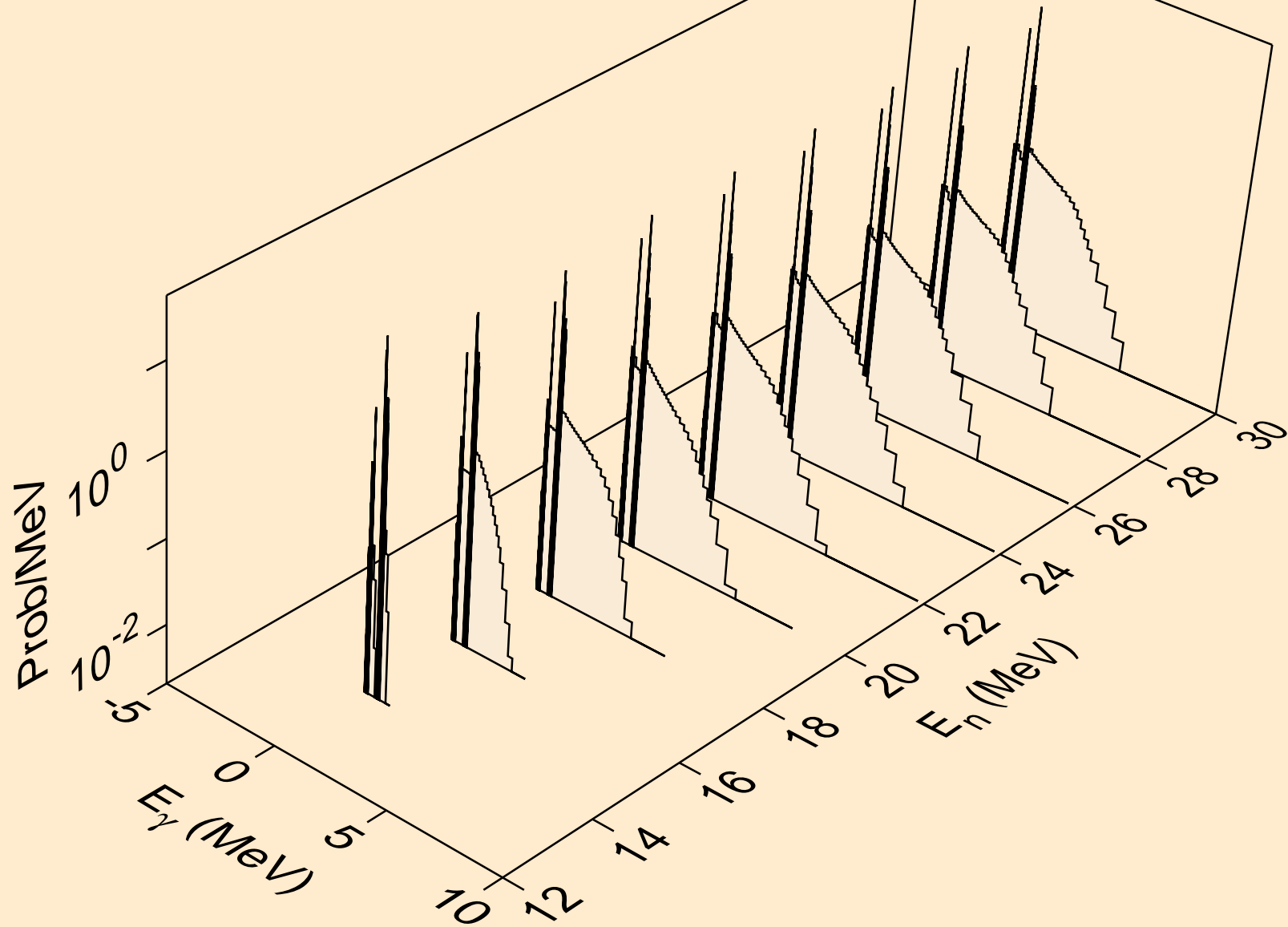
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Photon emission for (n,x)



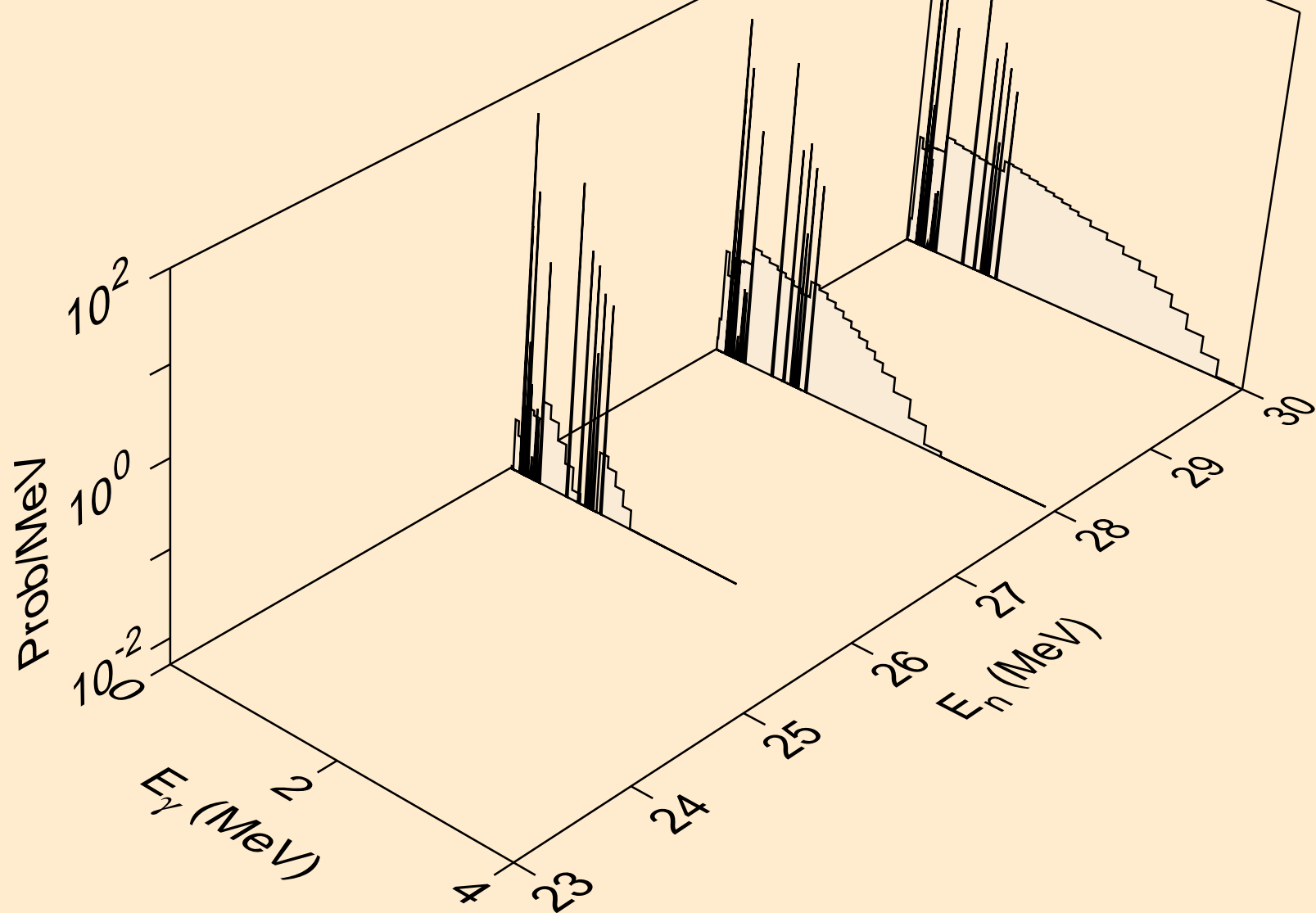
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Photon emission for (n,2nd)



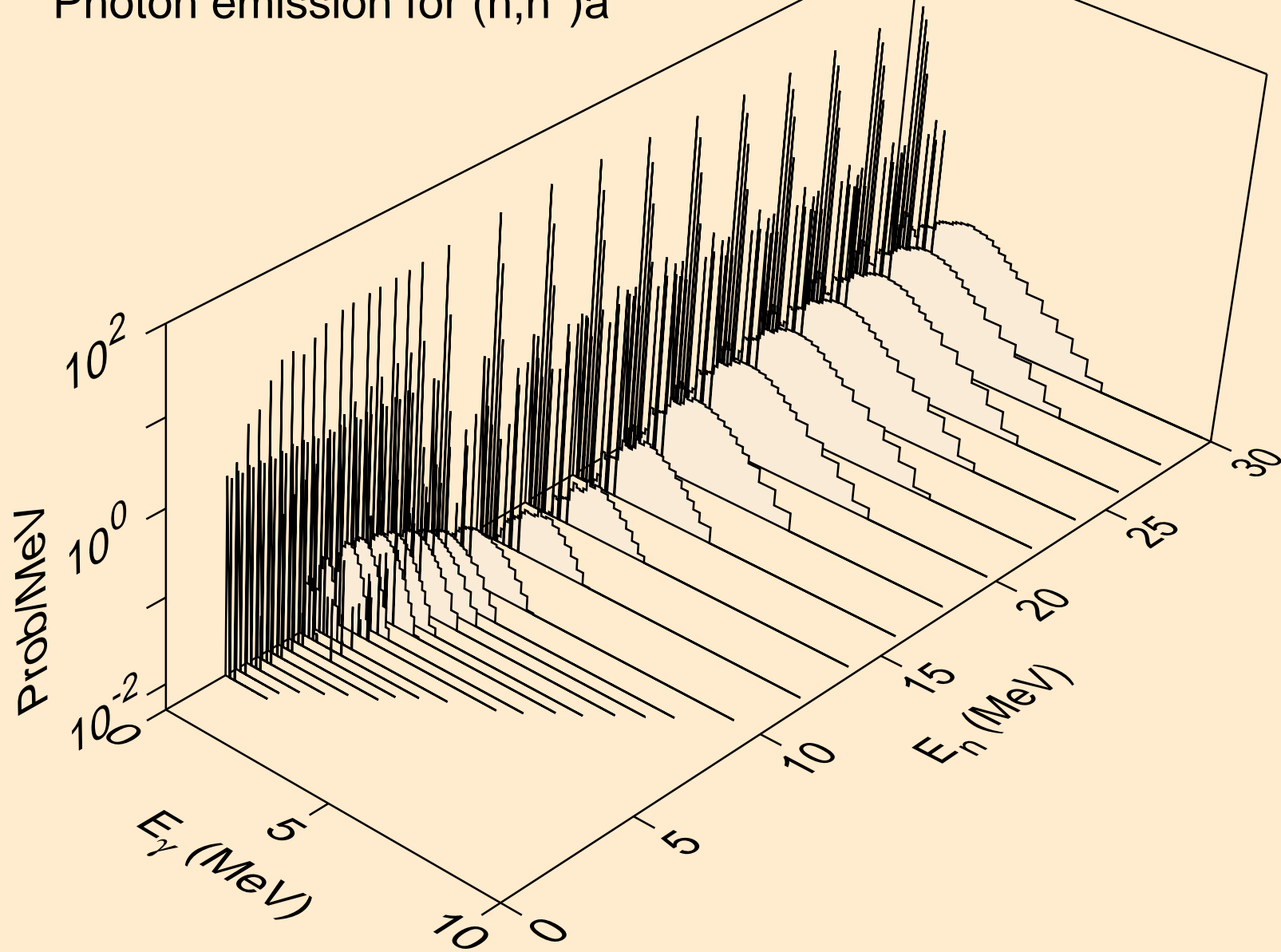
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Photon emission for (n,2n)



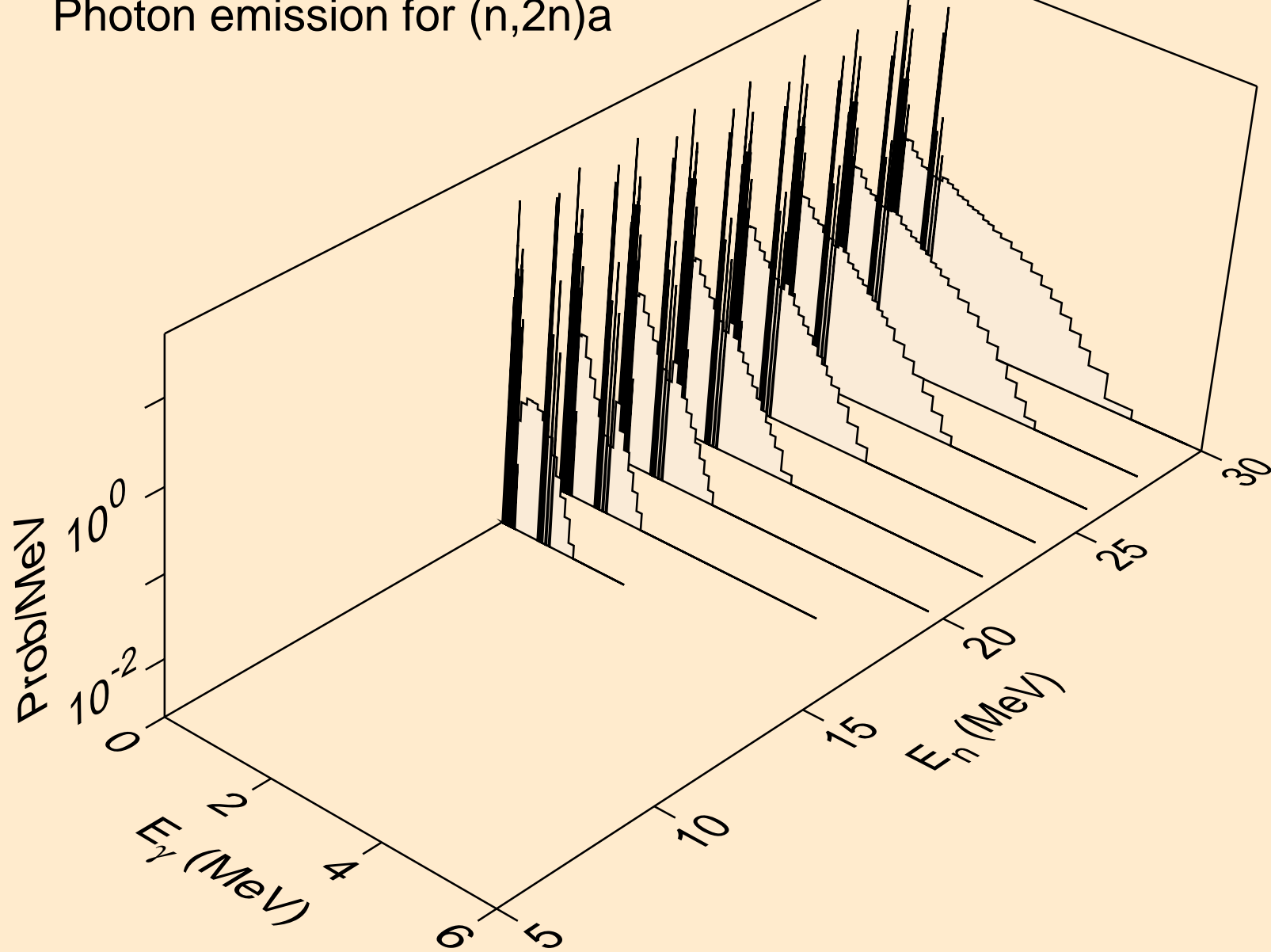
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Photon emission for (n,3n)



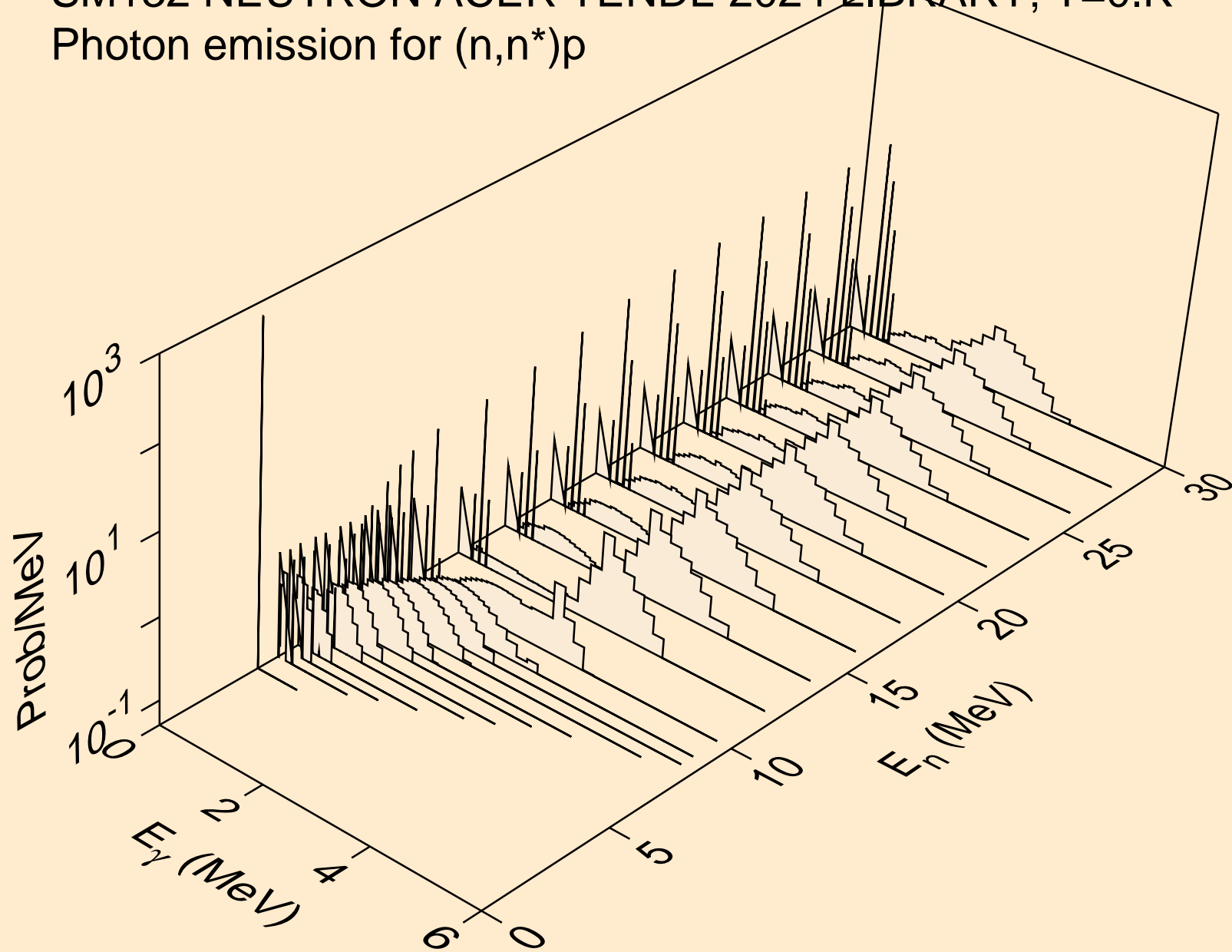
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Photon emission for (n,n\*)a



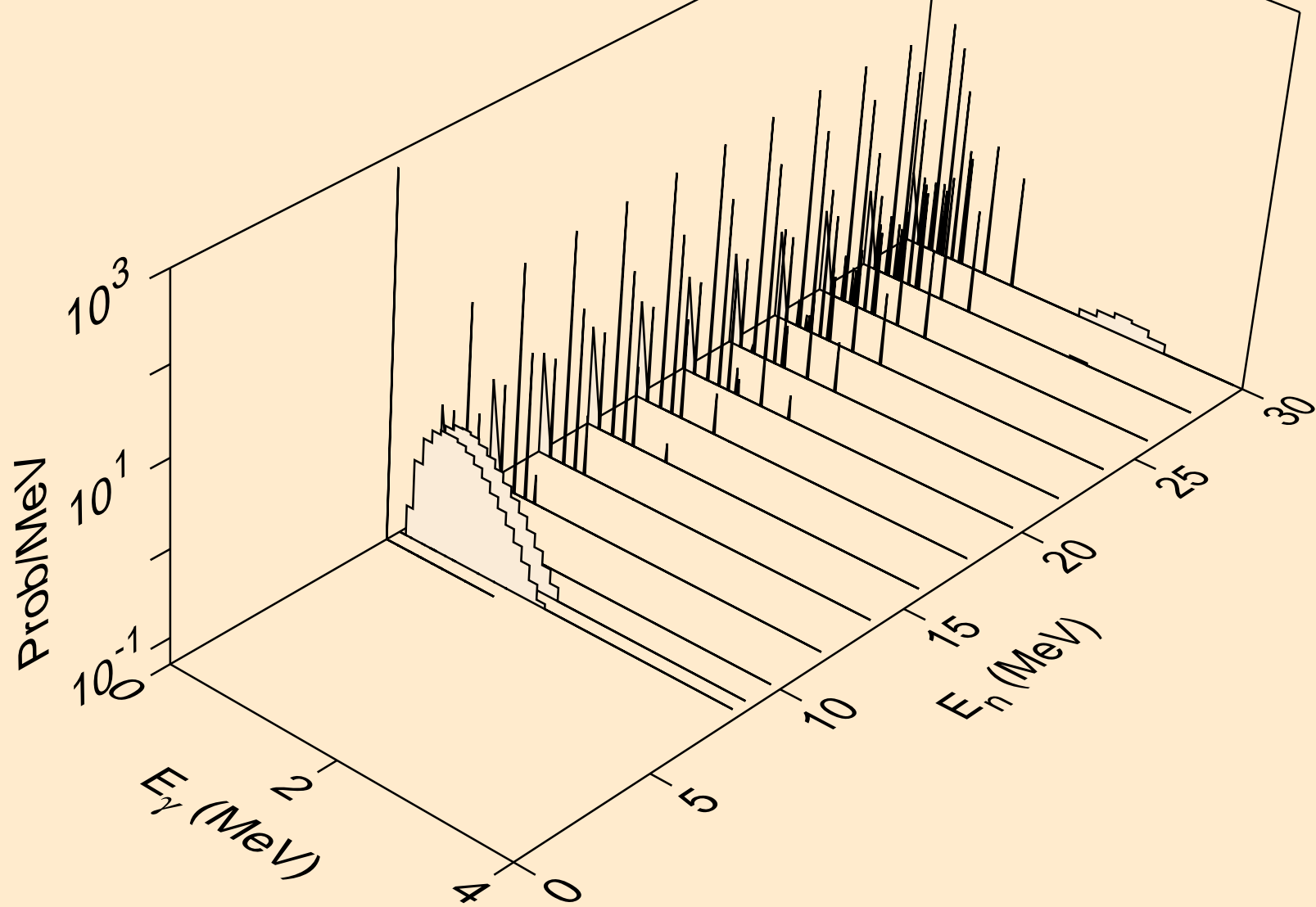
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



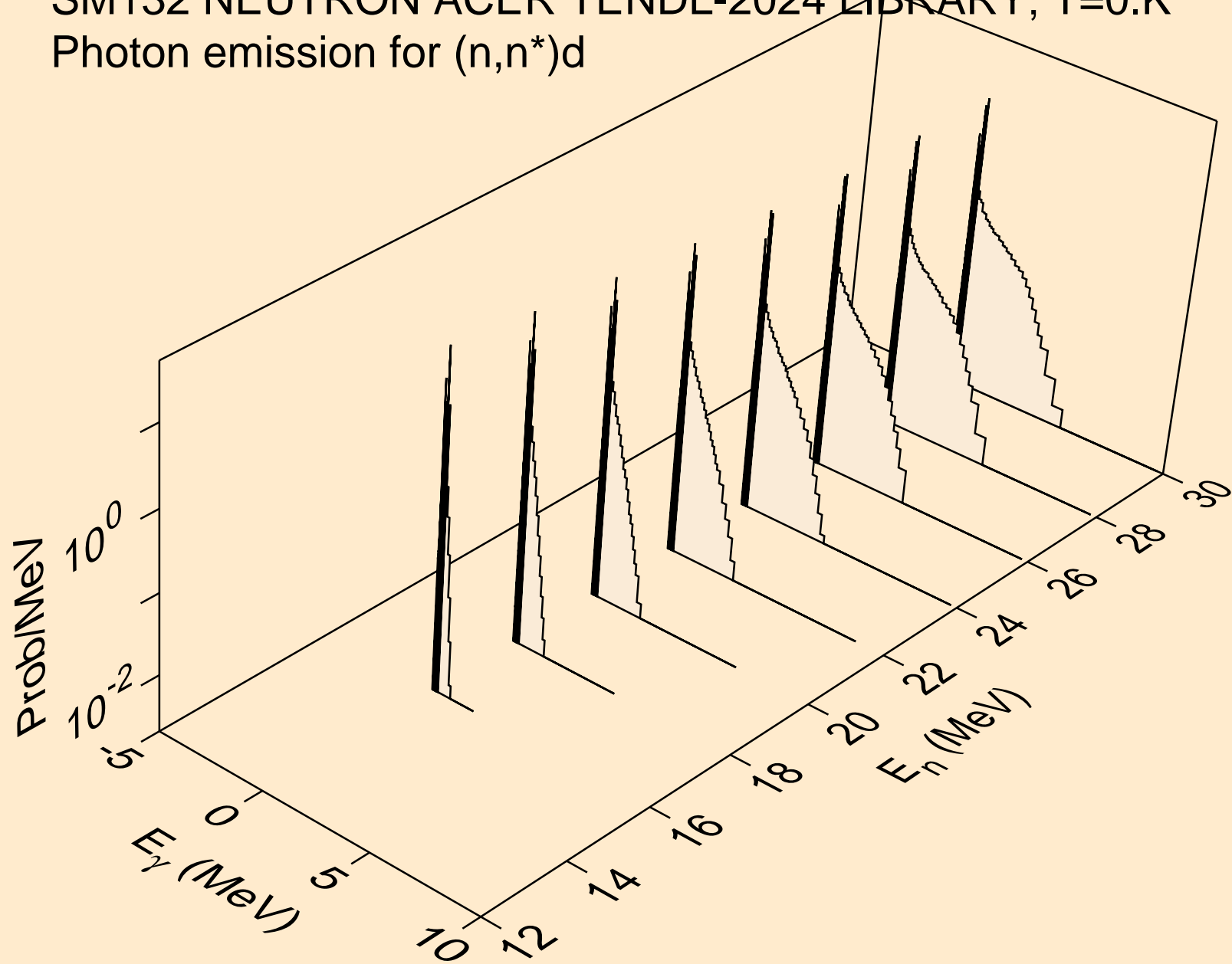
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



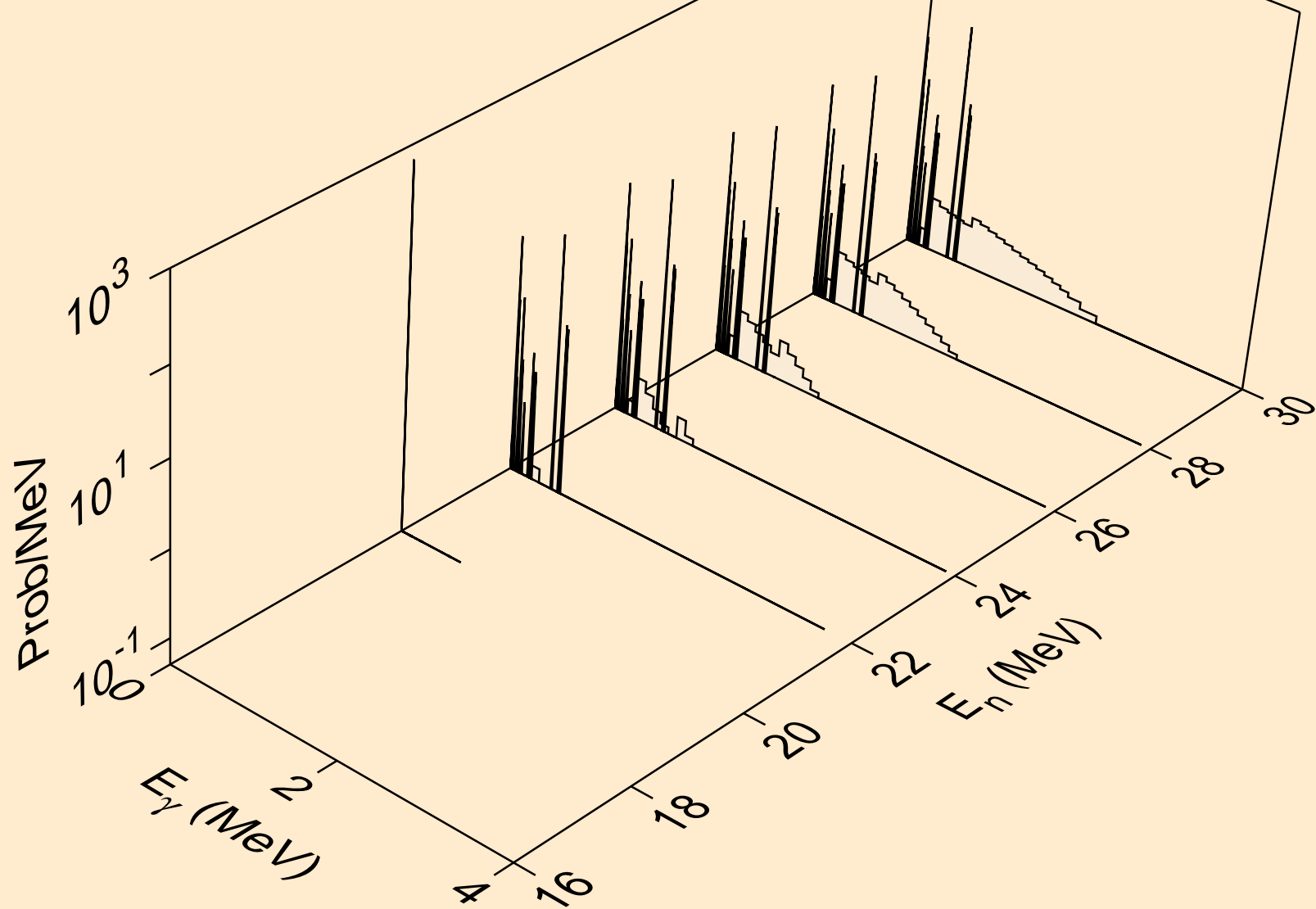
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



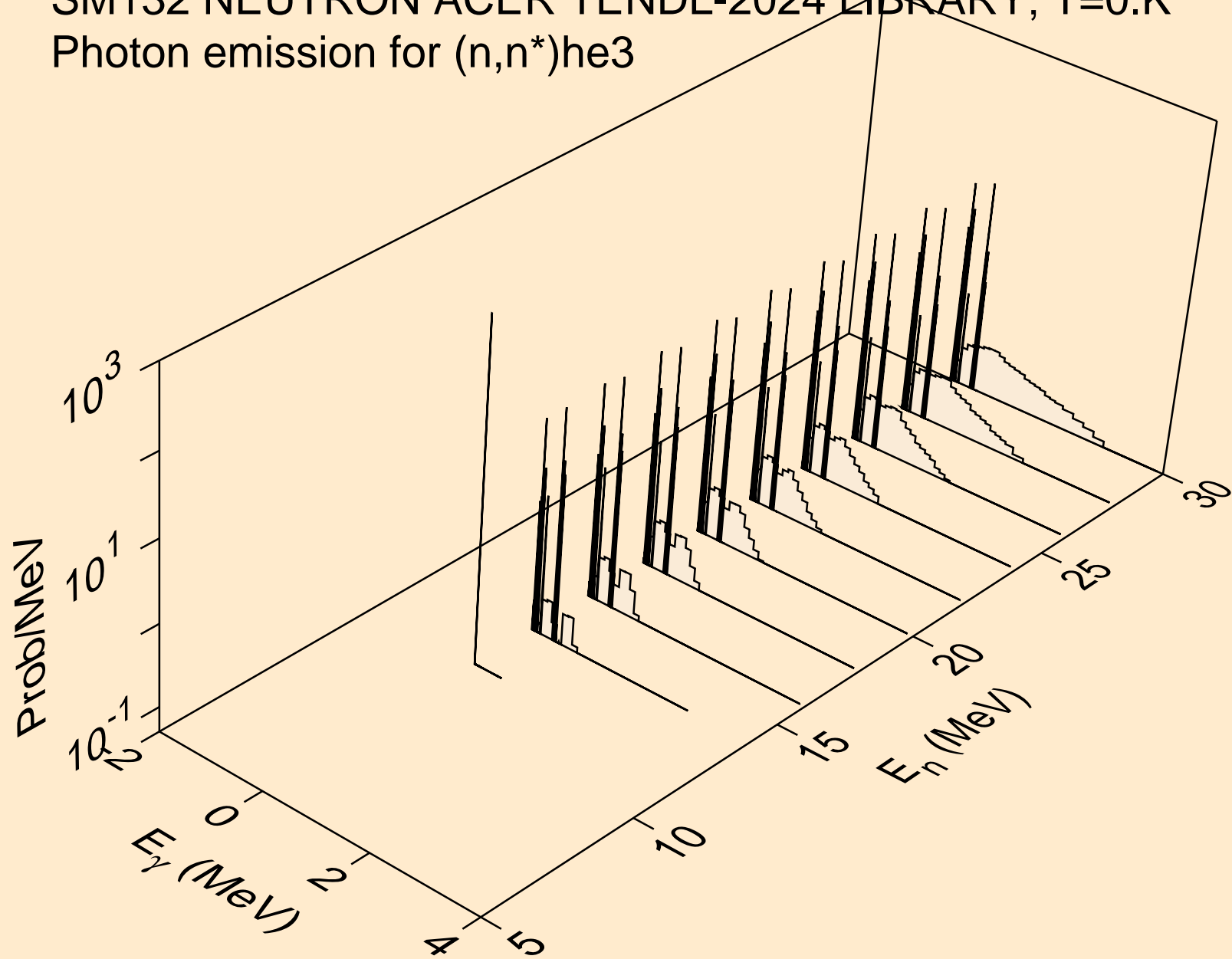
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



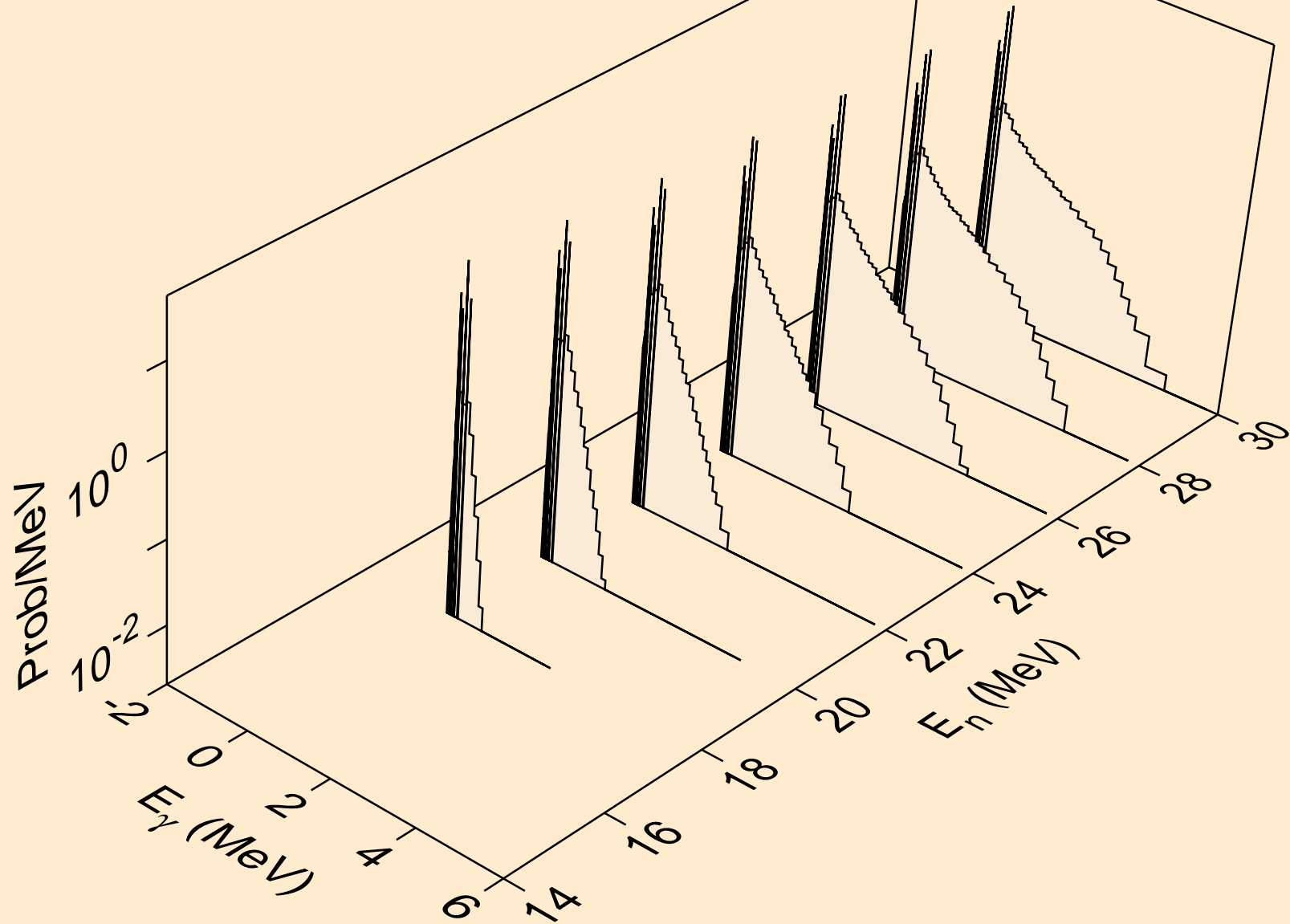
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Photon emission for (n,n\*)t



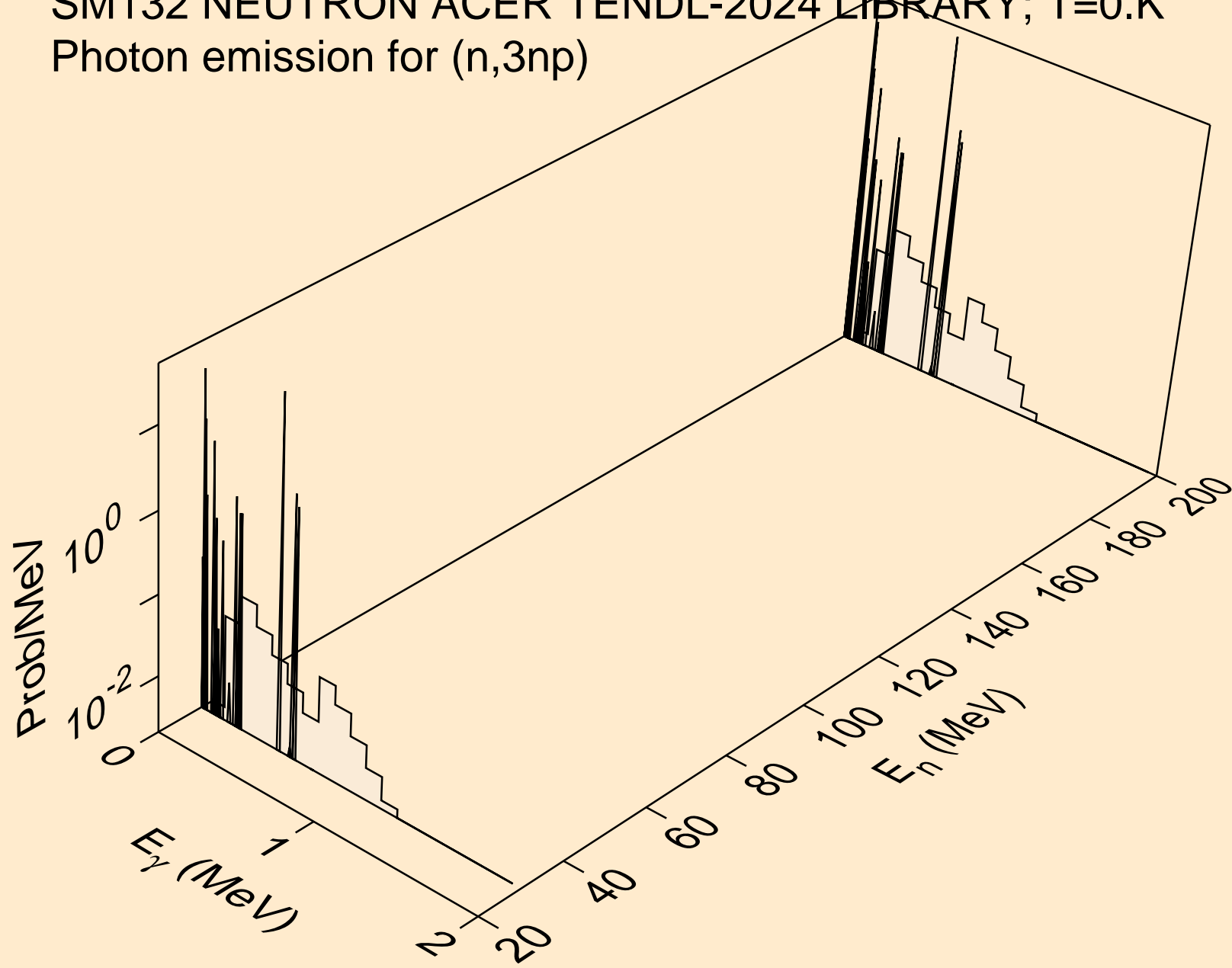
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



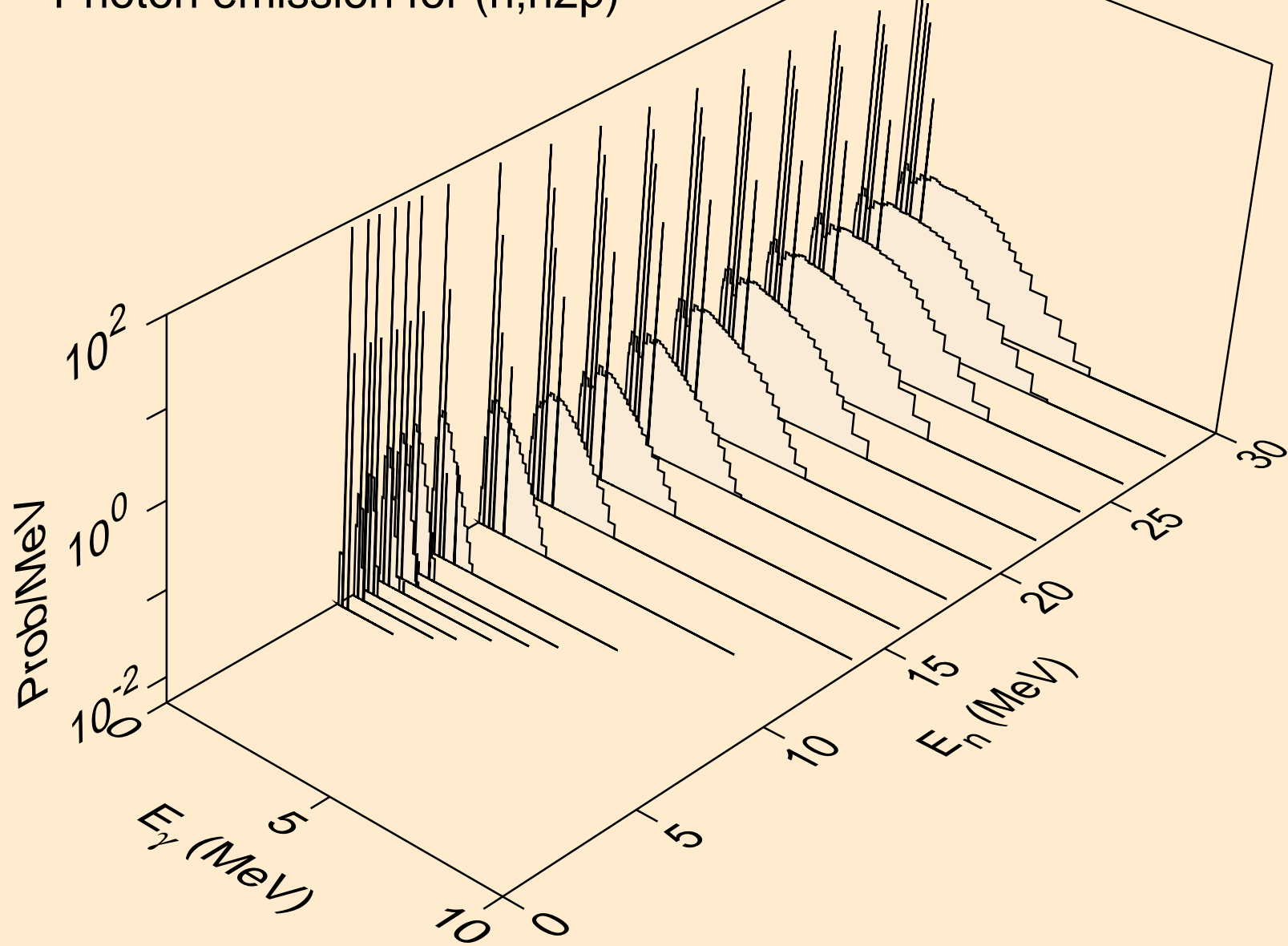
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Photon emission for (n,2np)



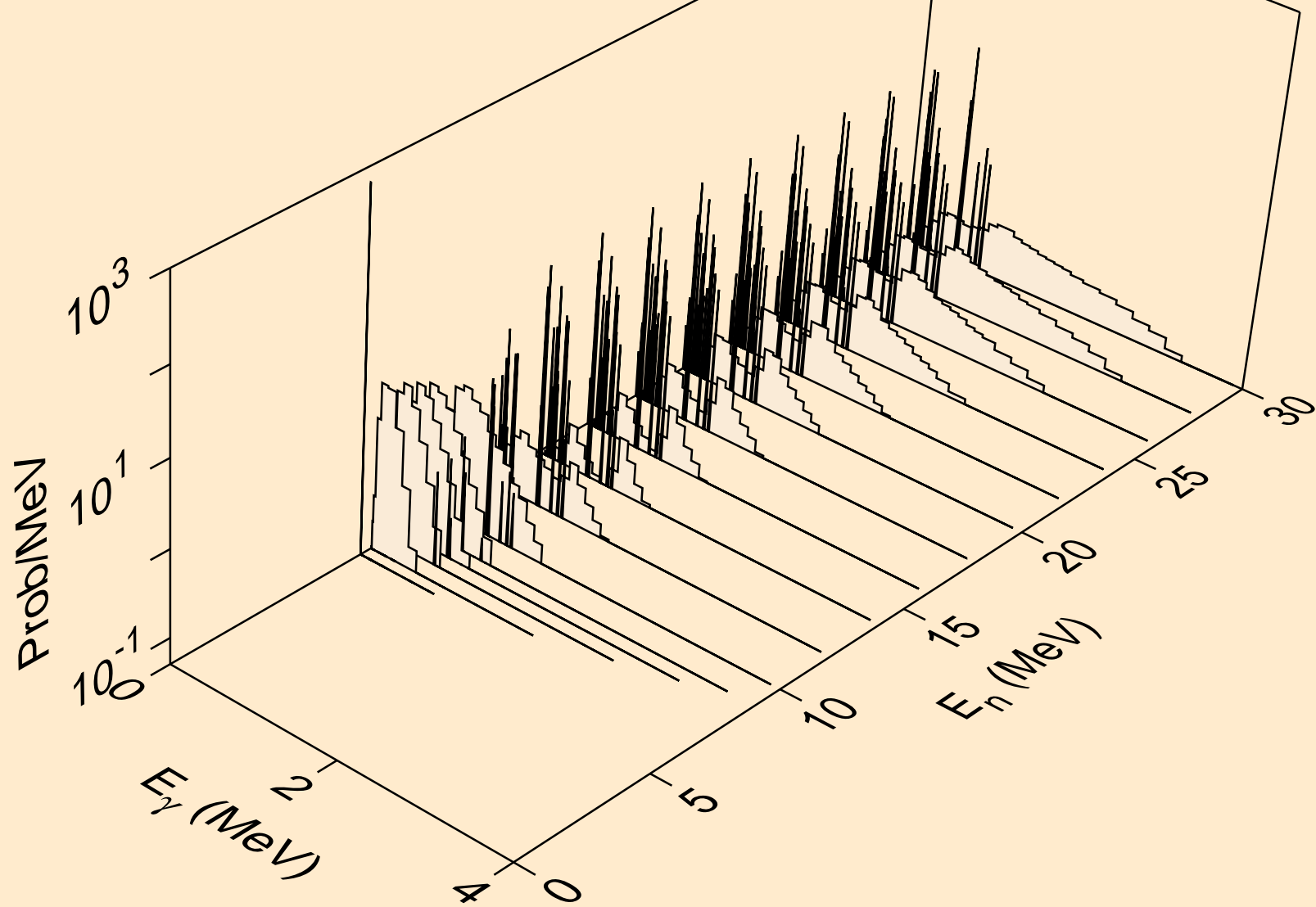
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Photon emission for (n,3np)



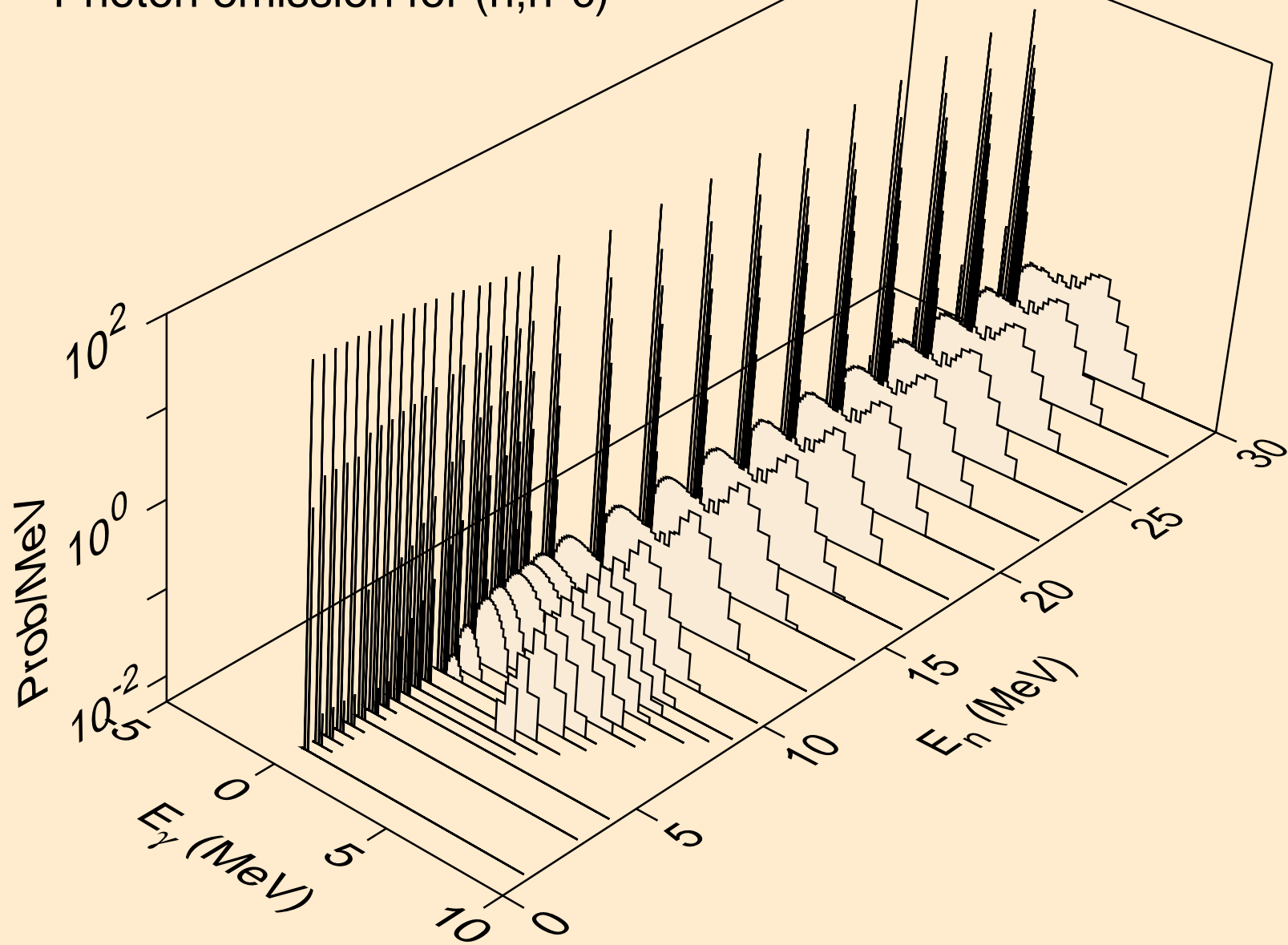
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Photon emission for (n,n2p)



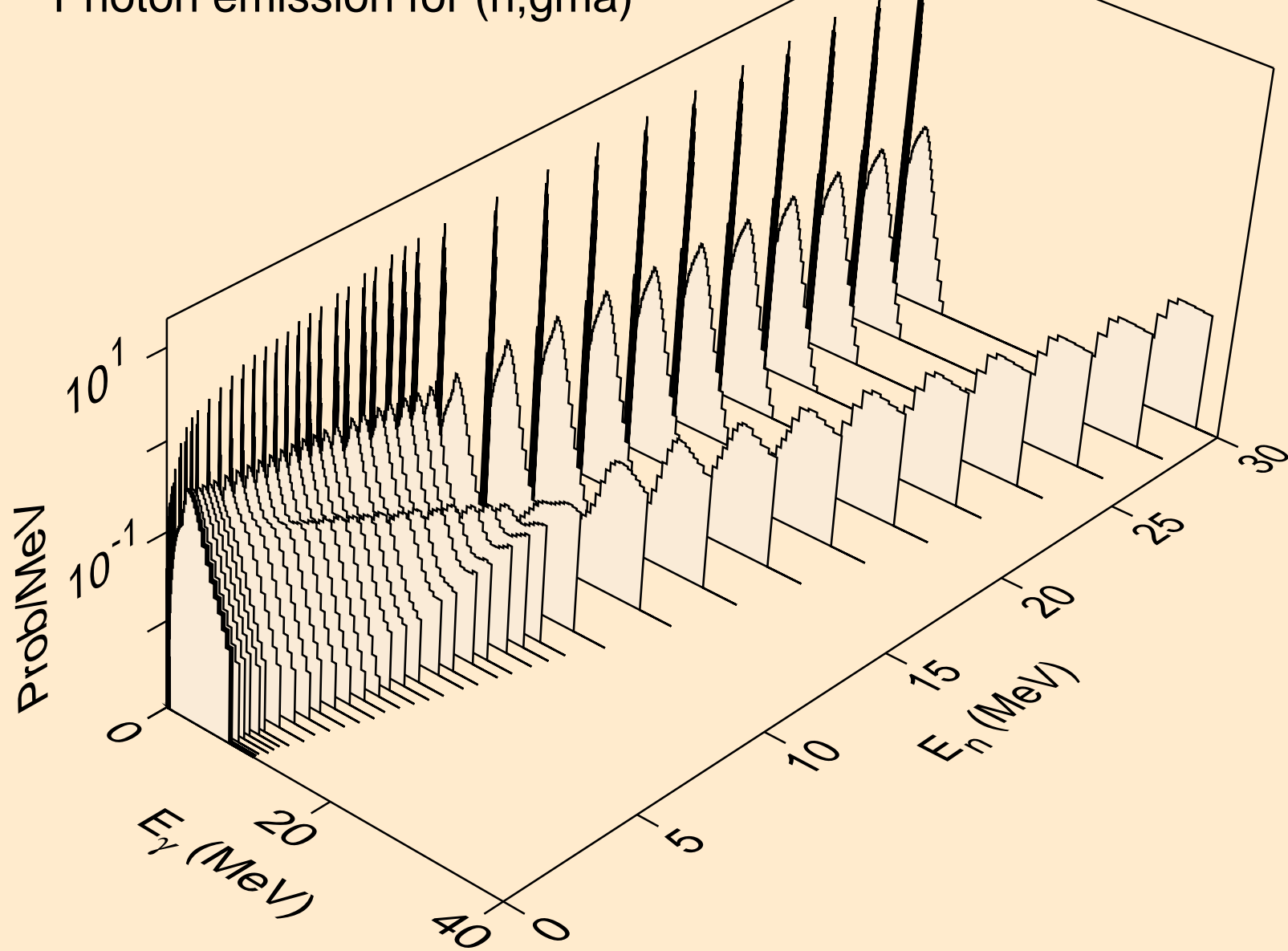
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



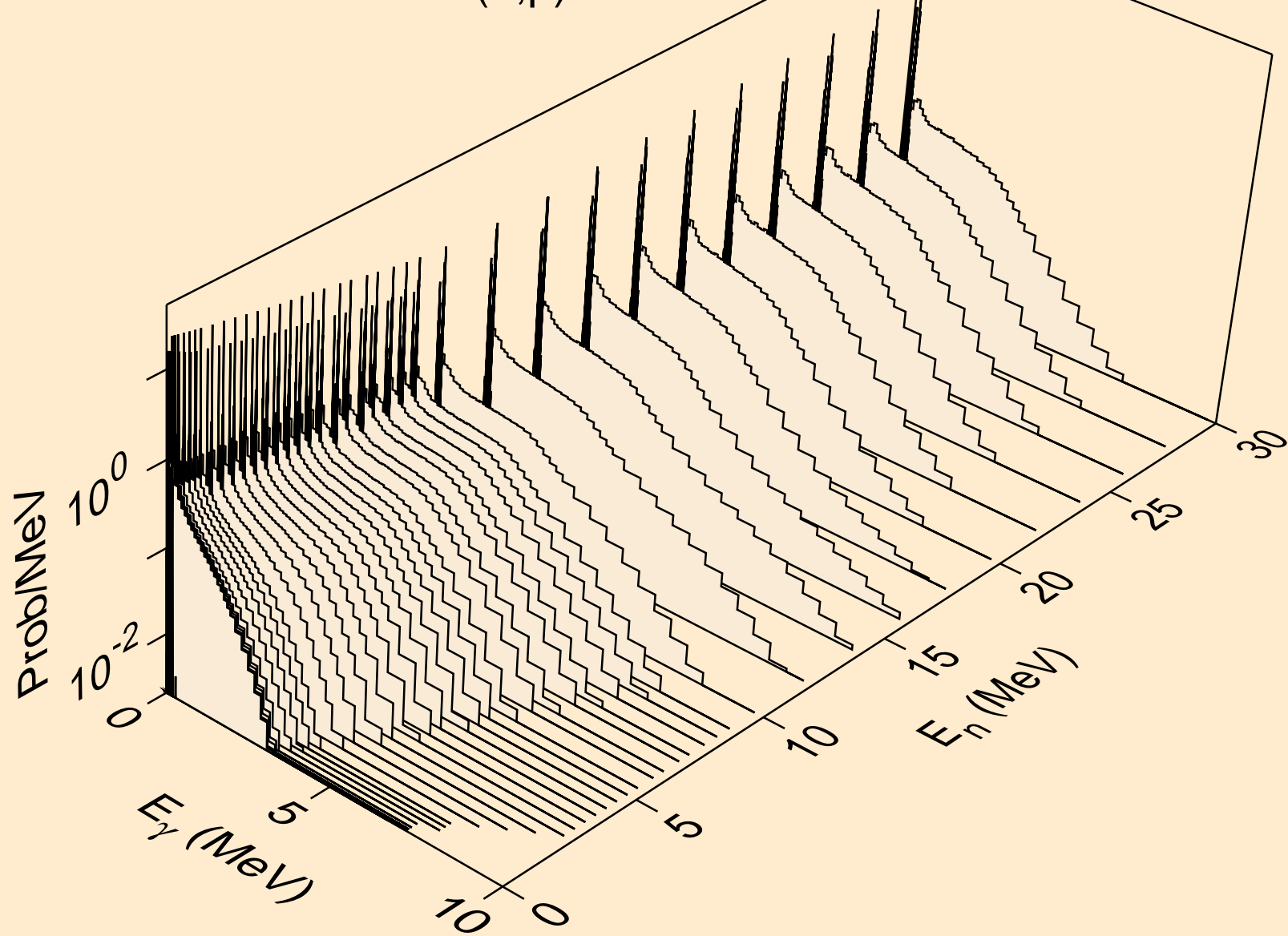
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



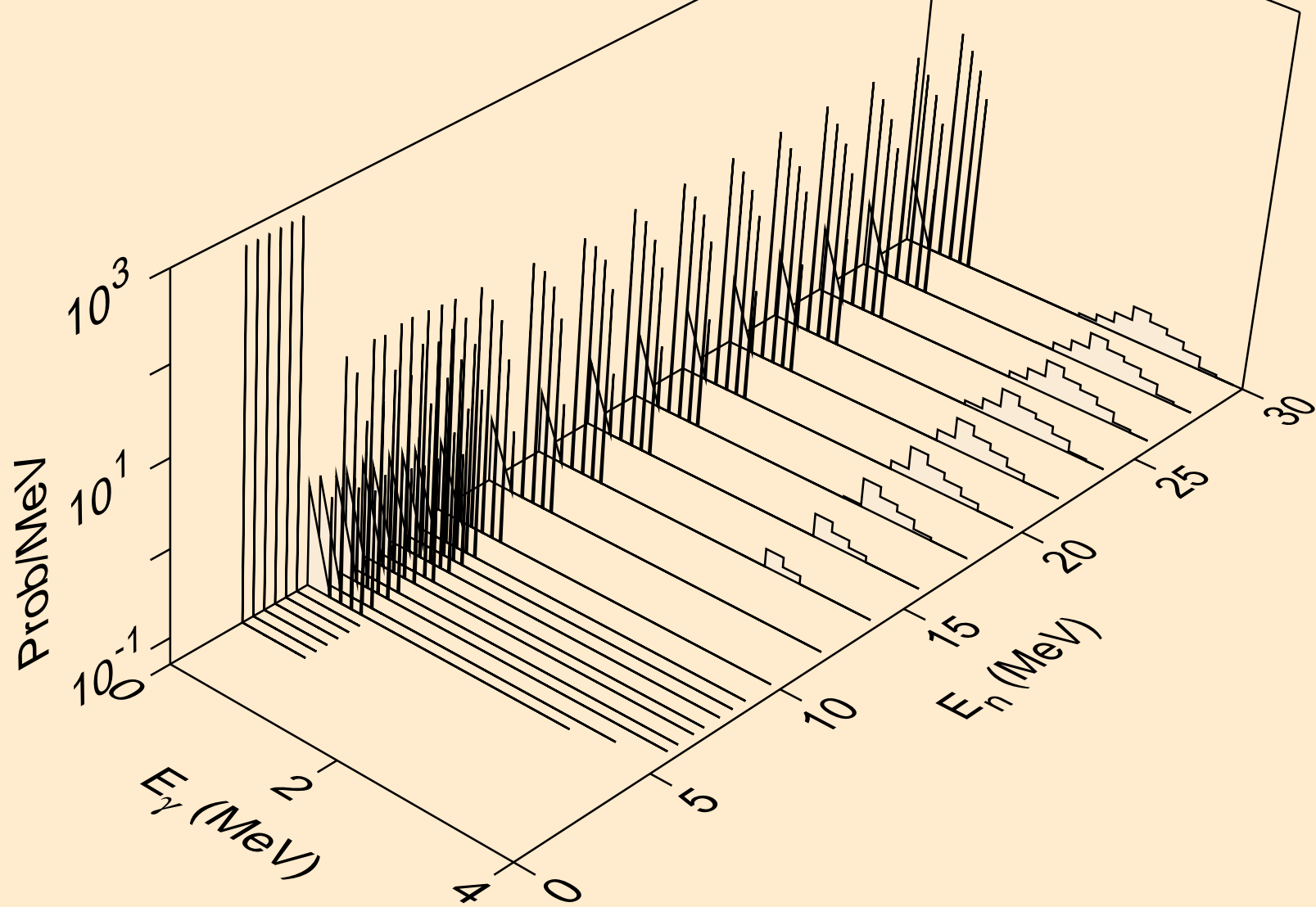
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



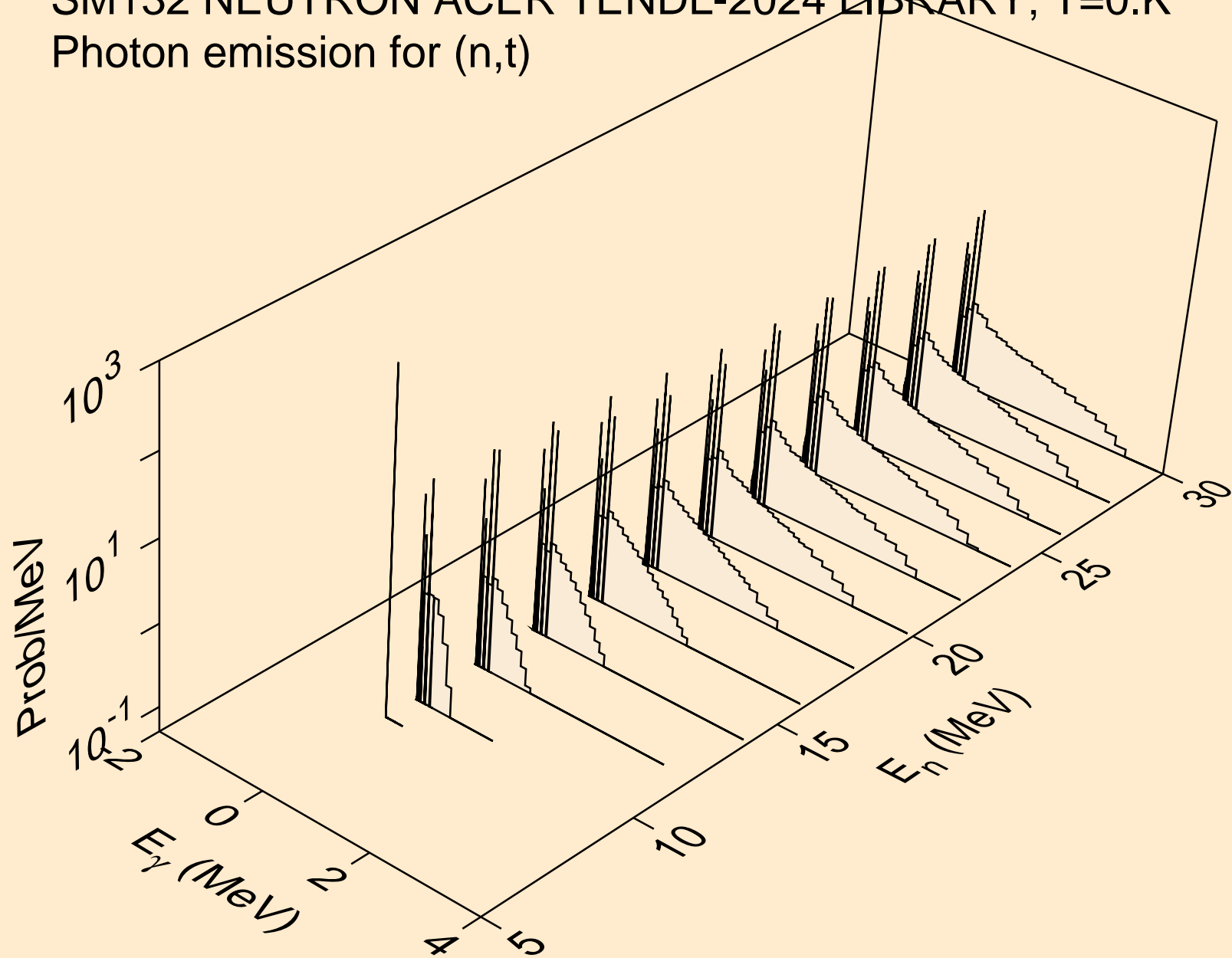
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



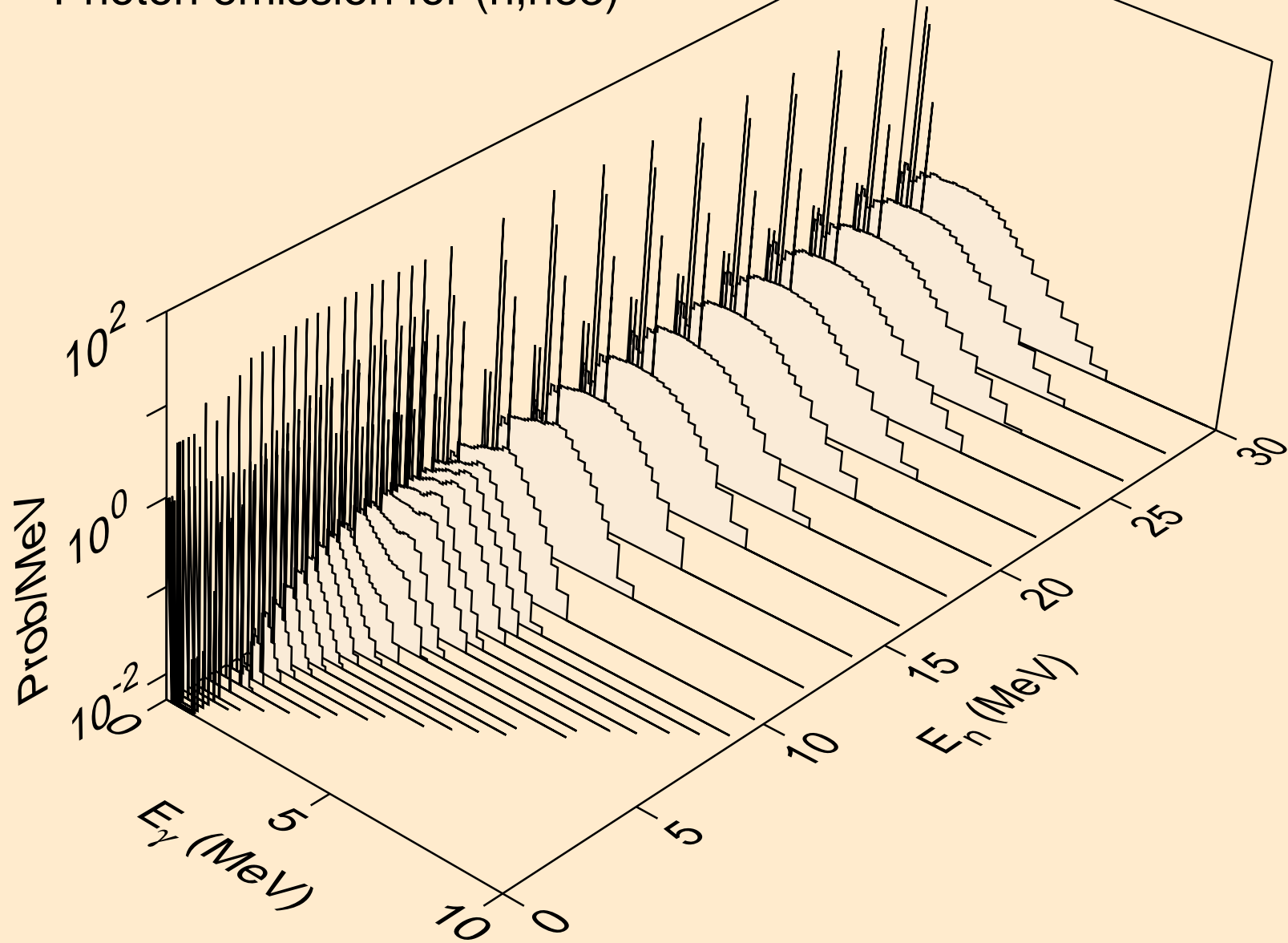
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Photon emission for (n,d)



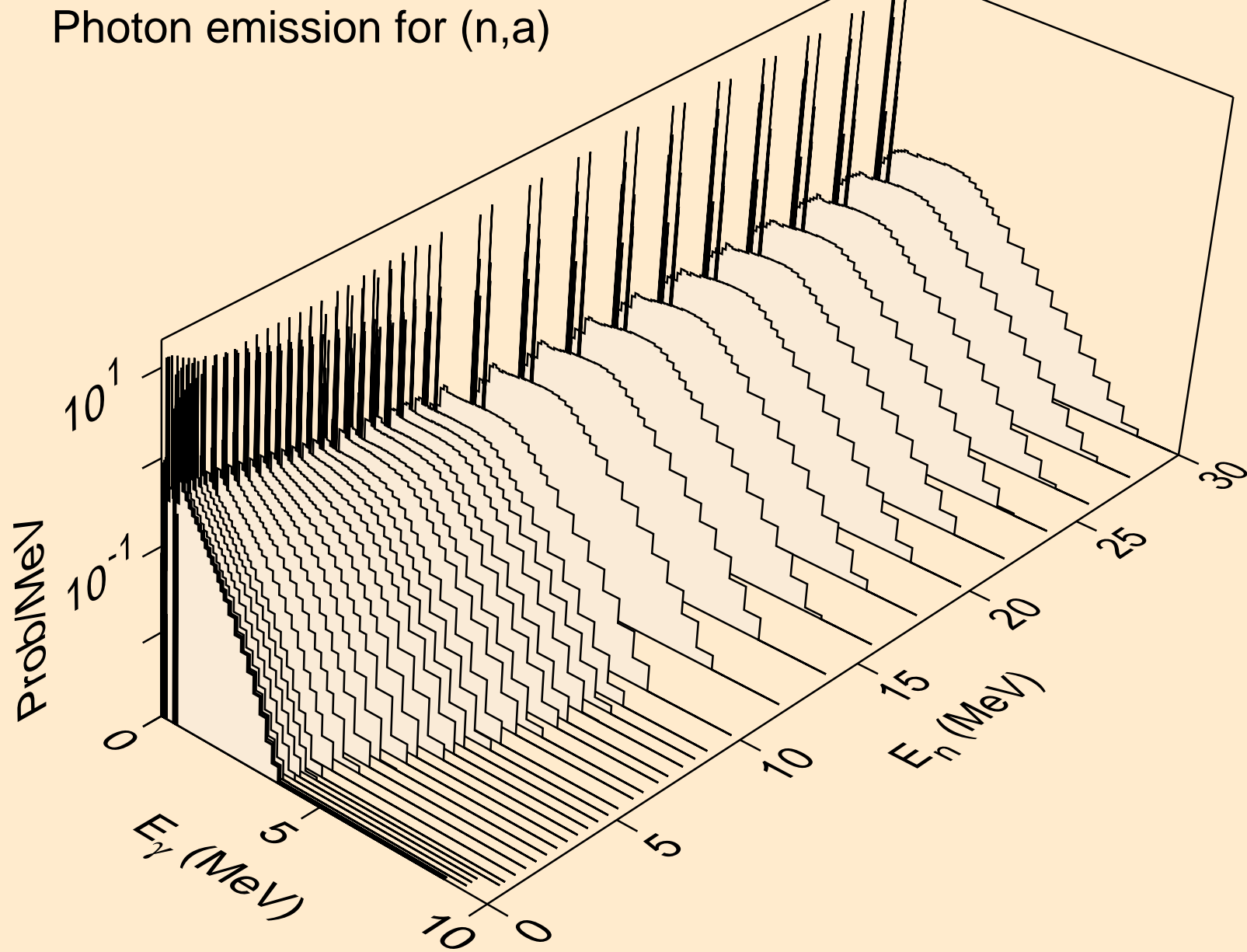
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



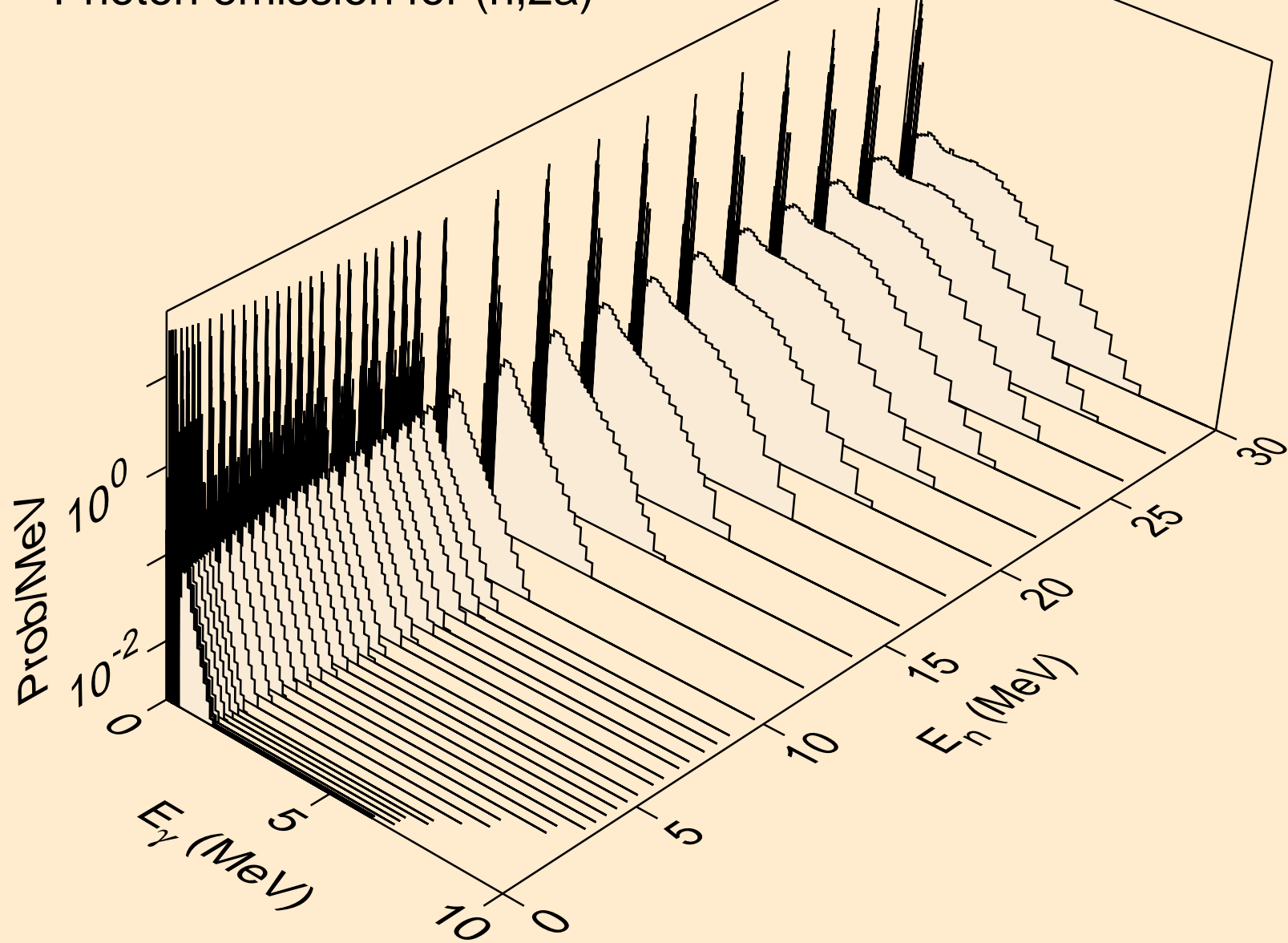
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



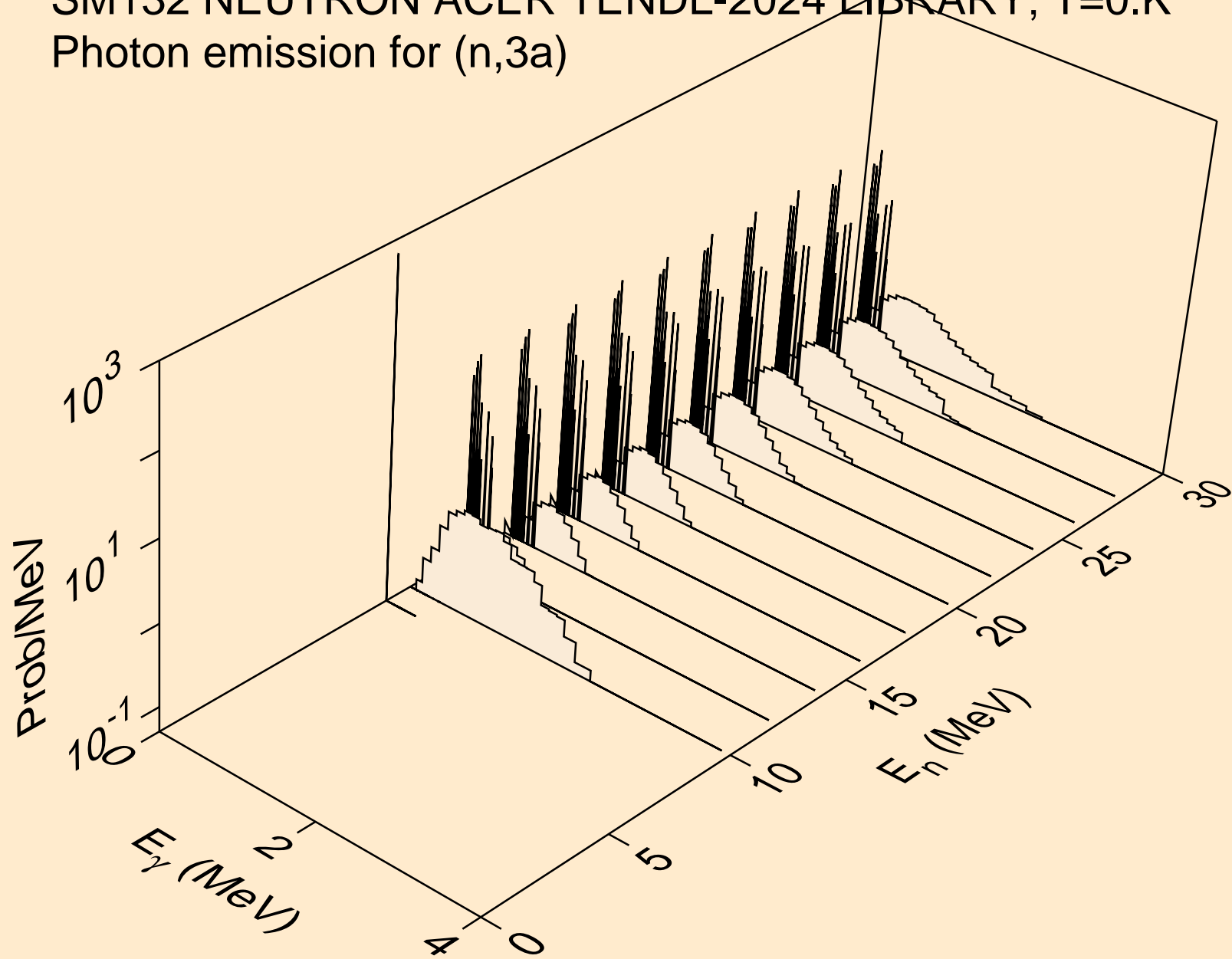
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



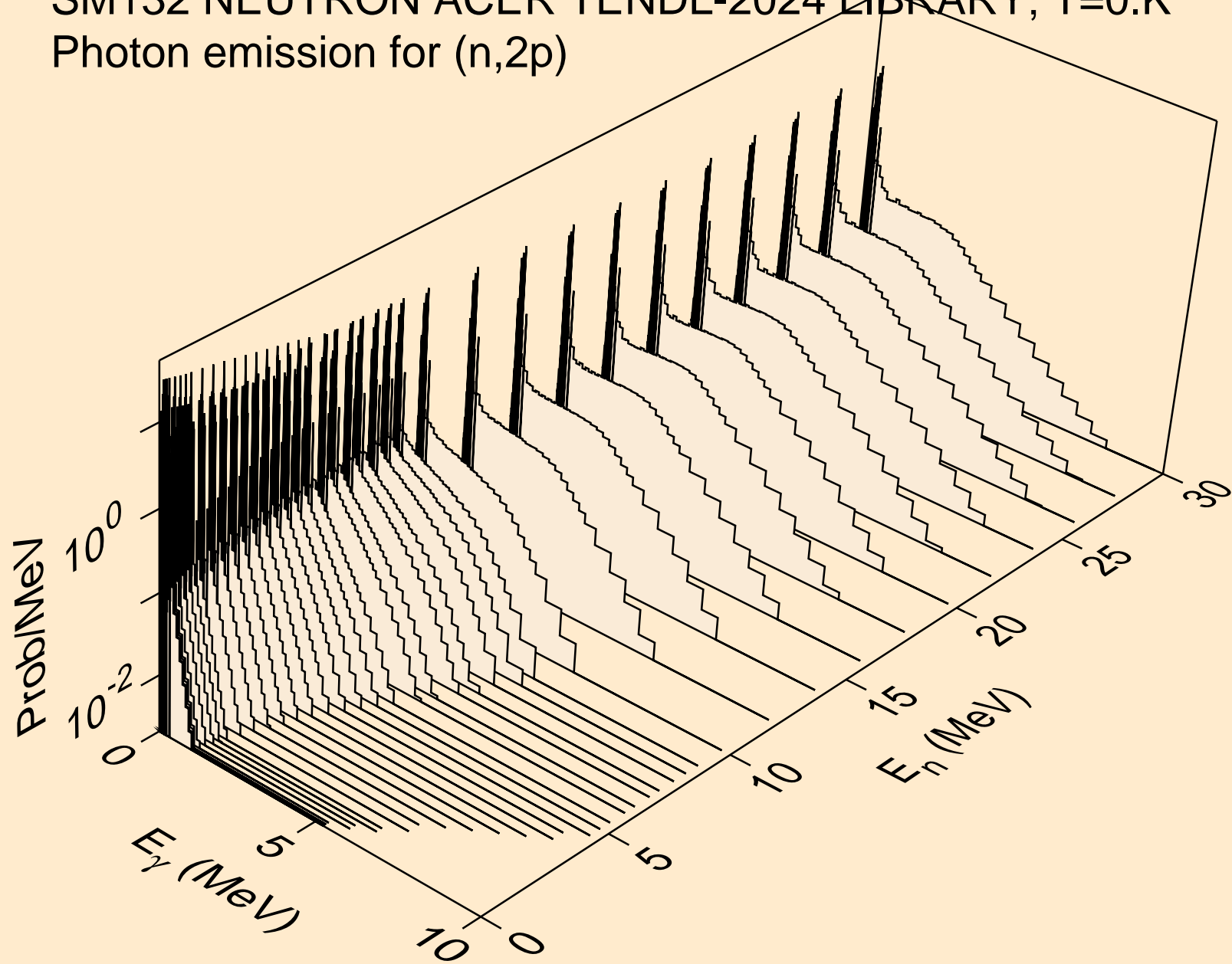
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



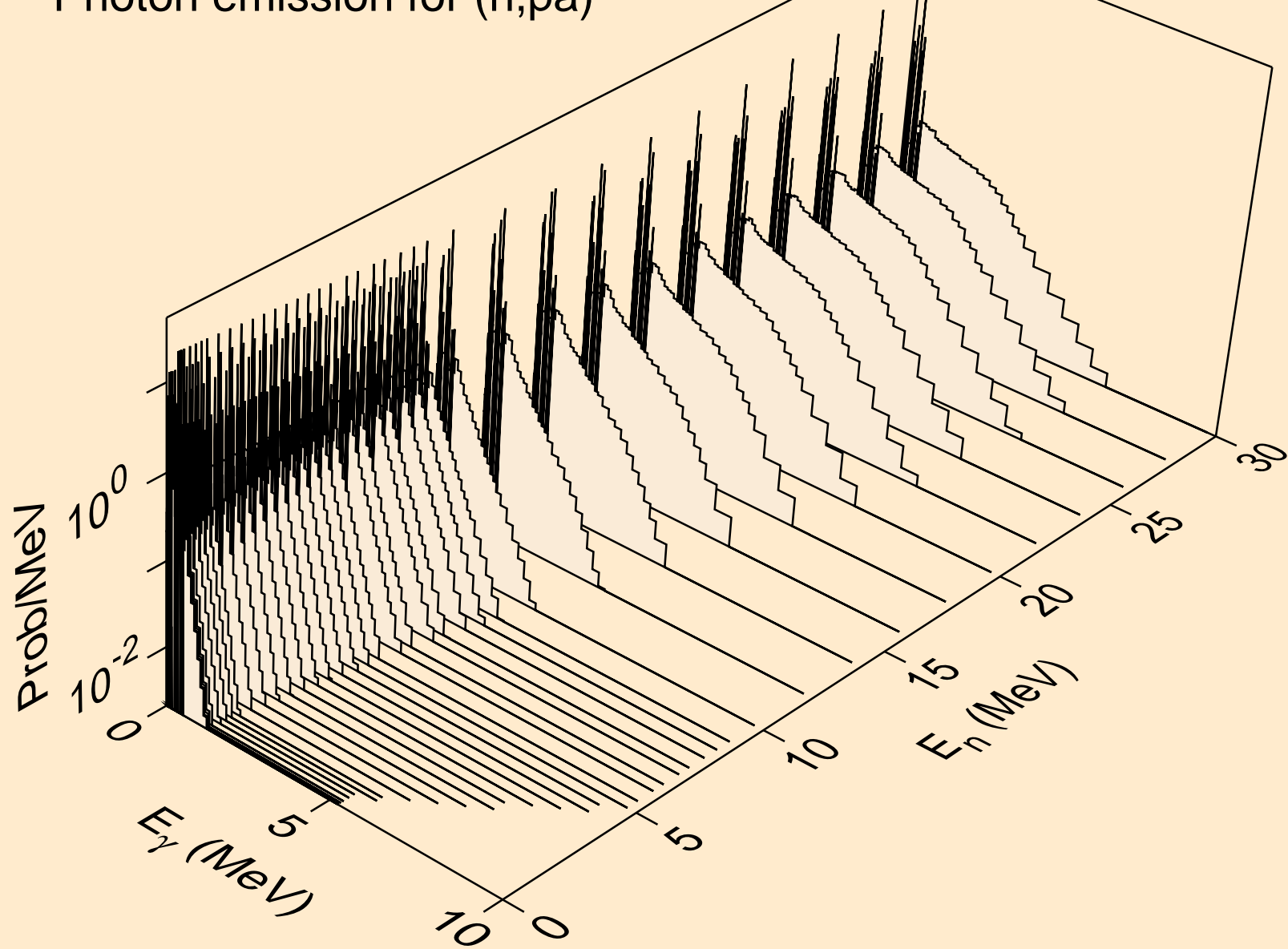
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



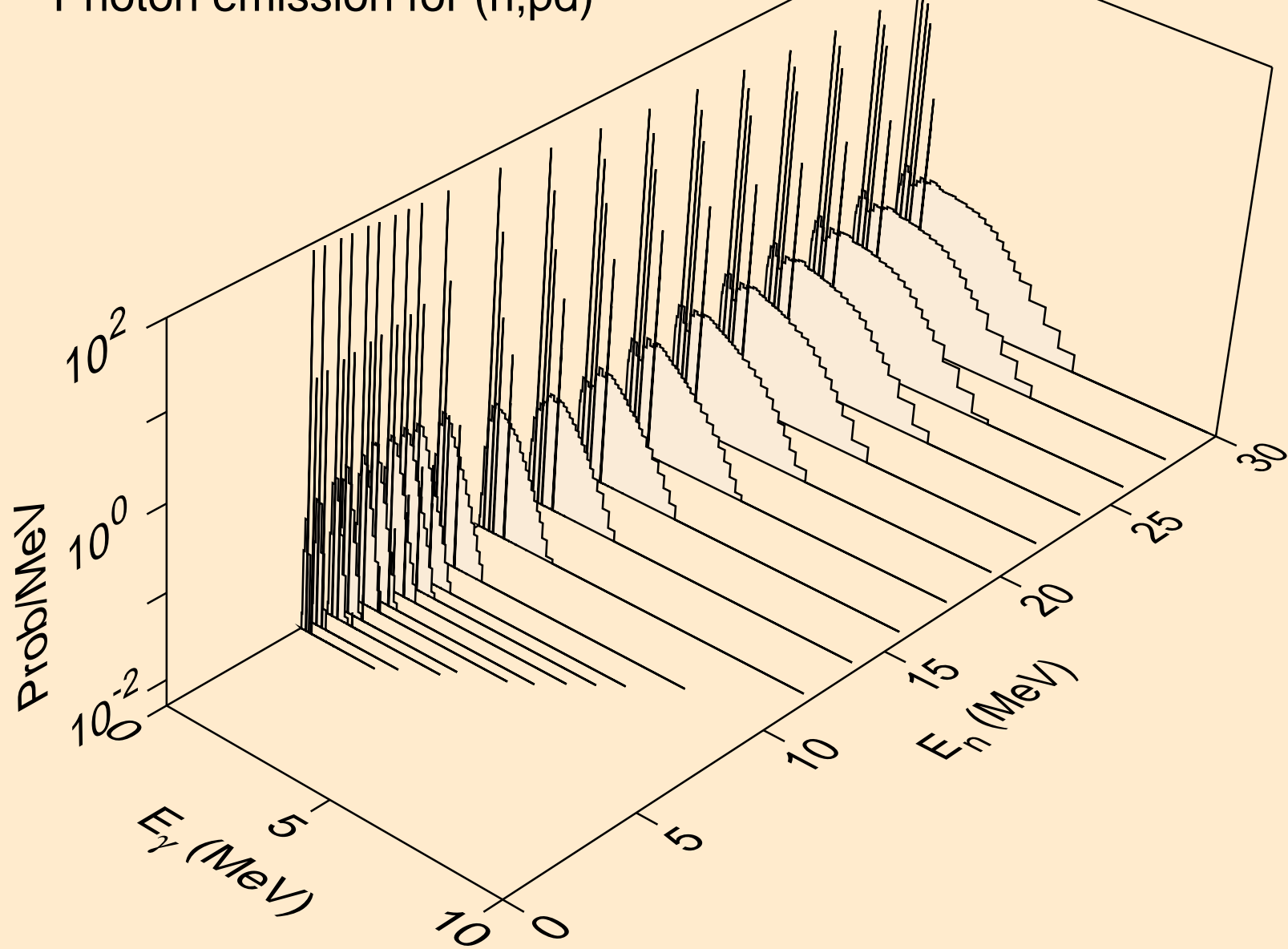
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



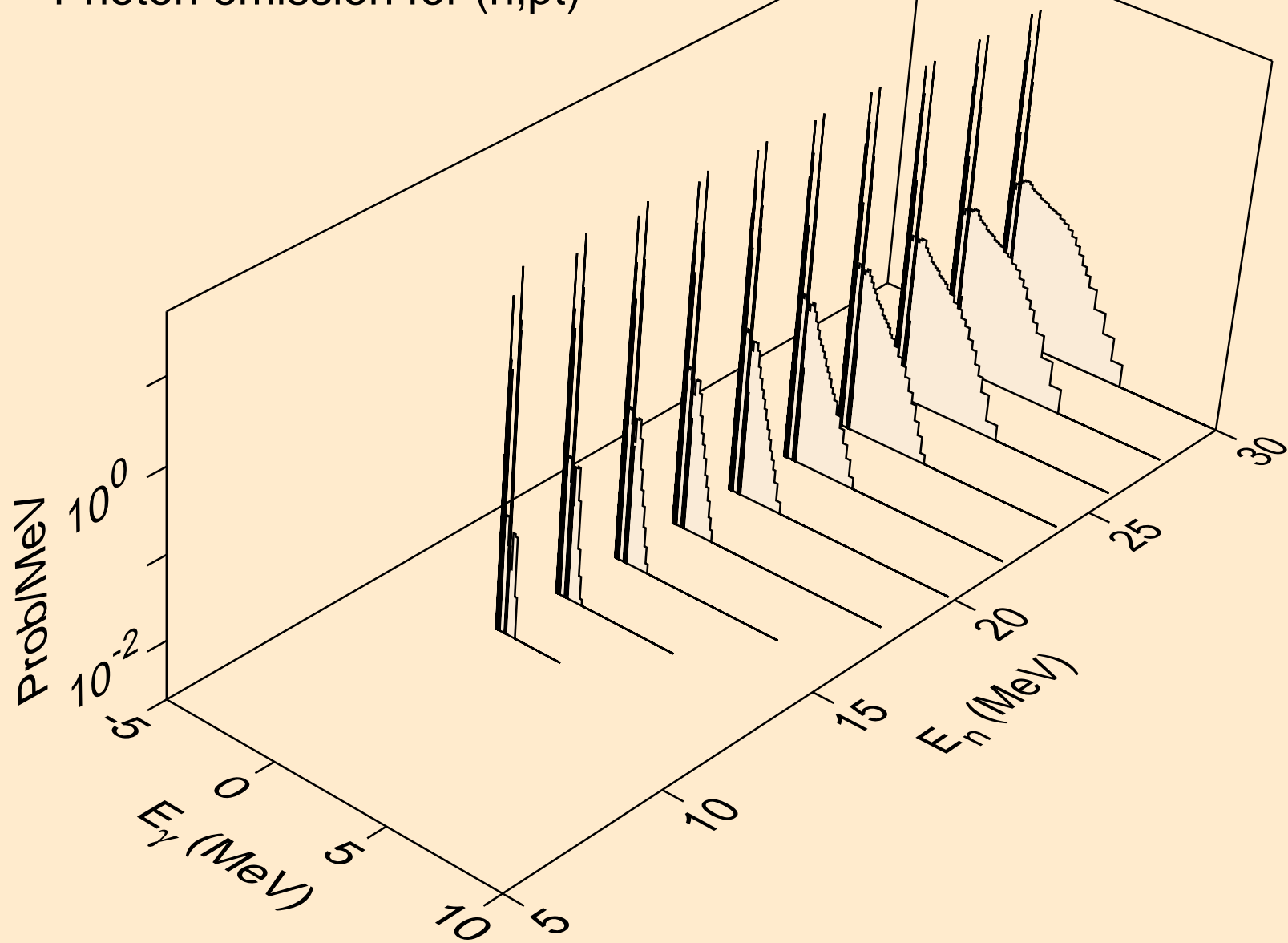
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



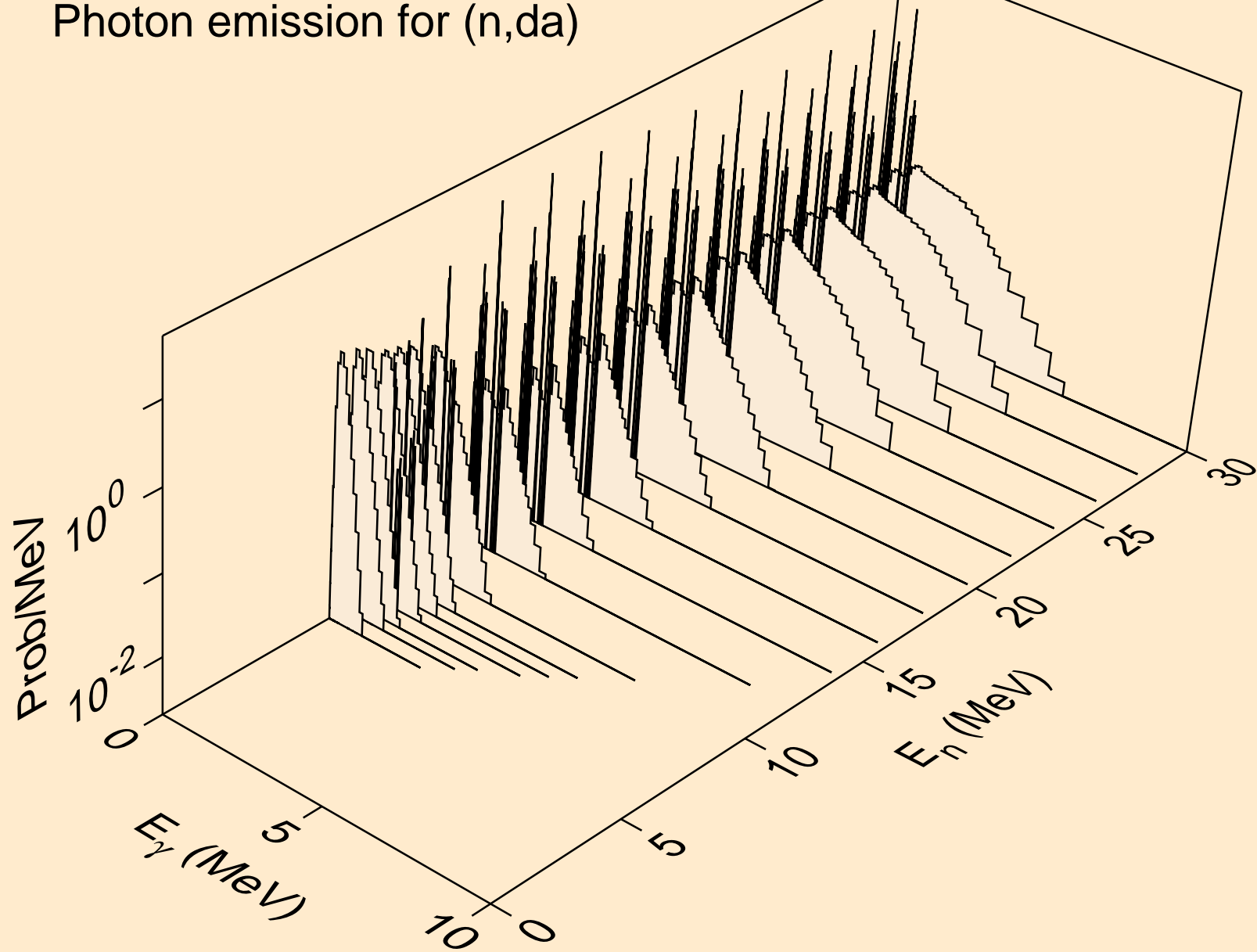
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Photon emission for (n,pd)



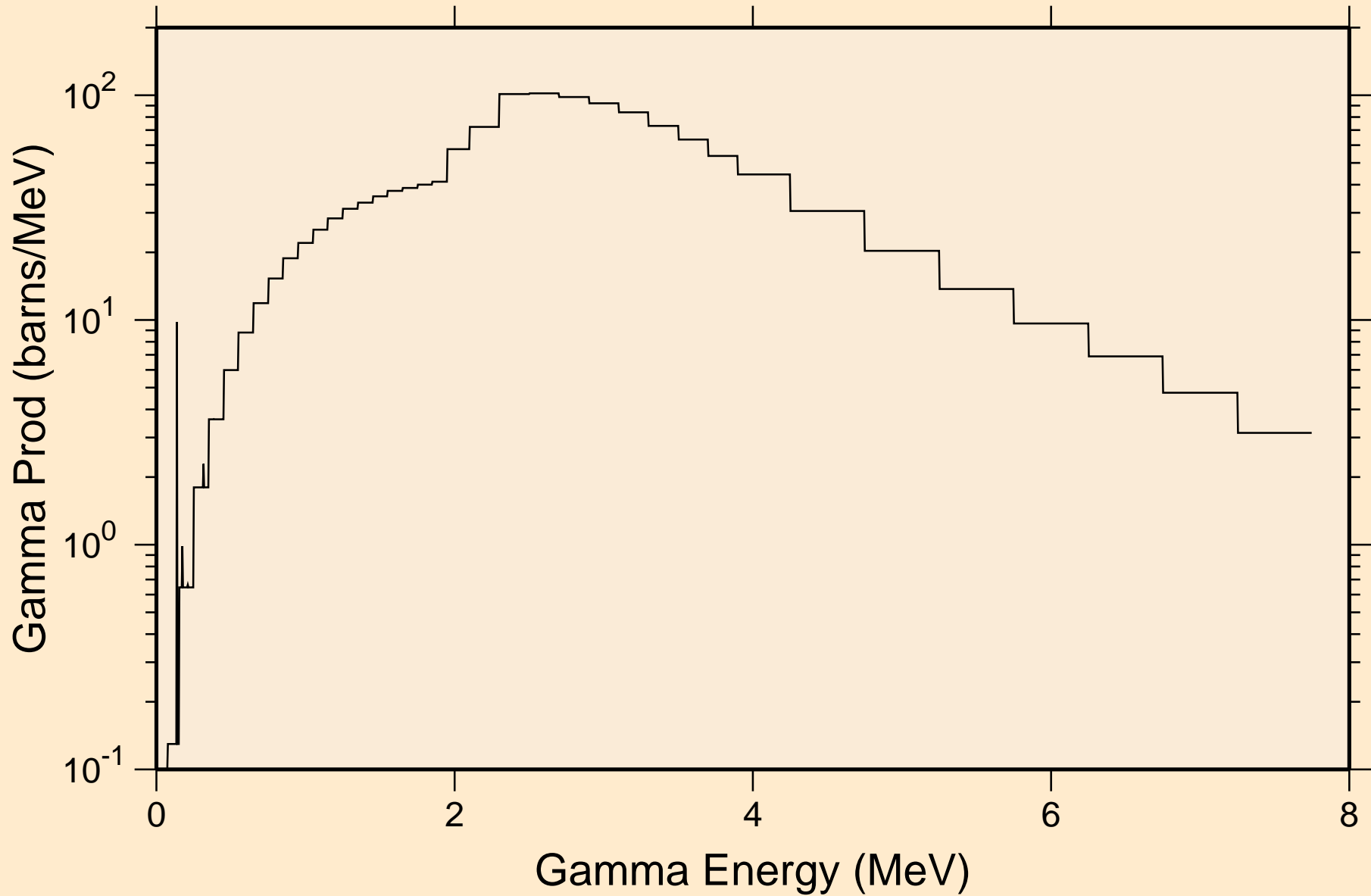
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



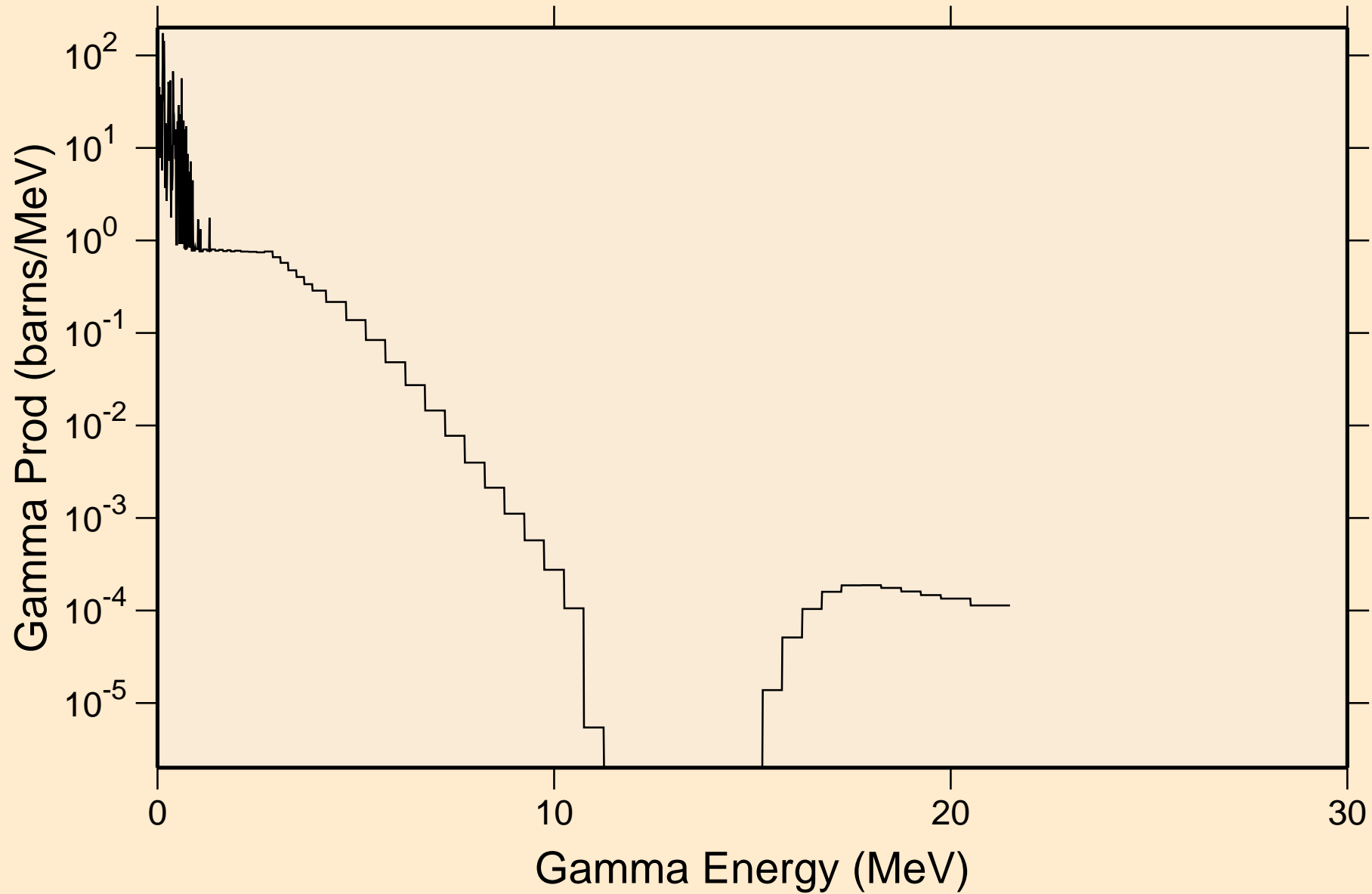
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

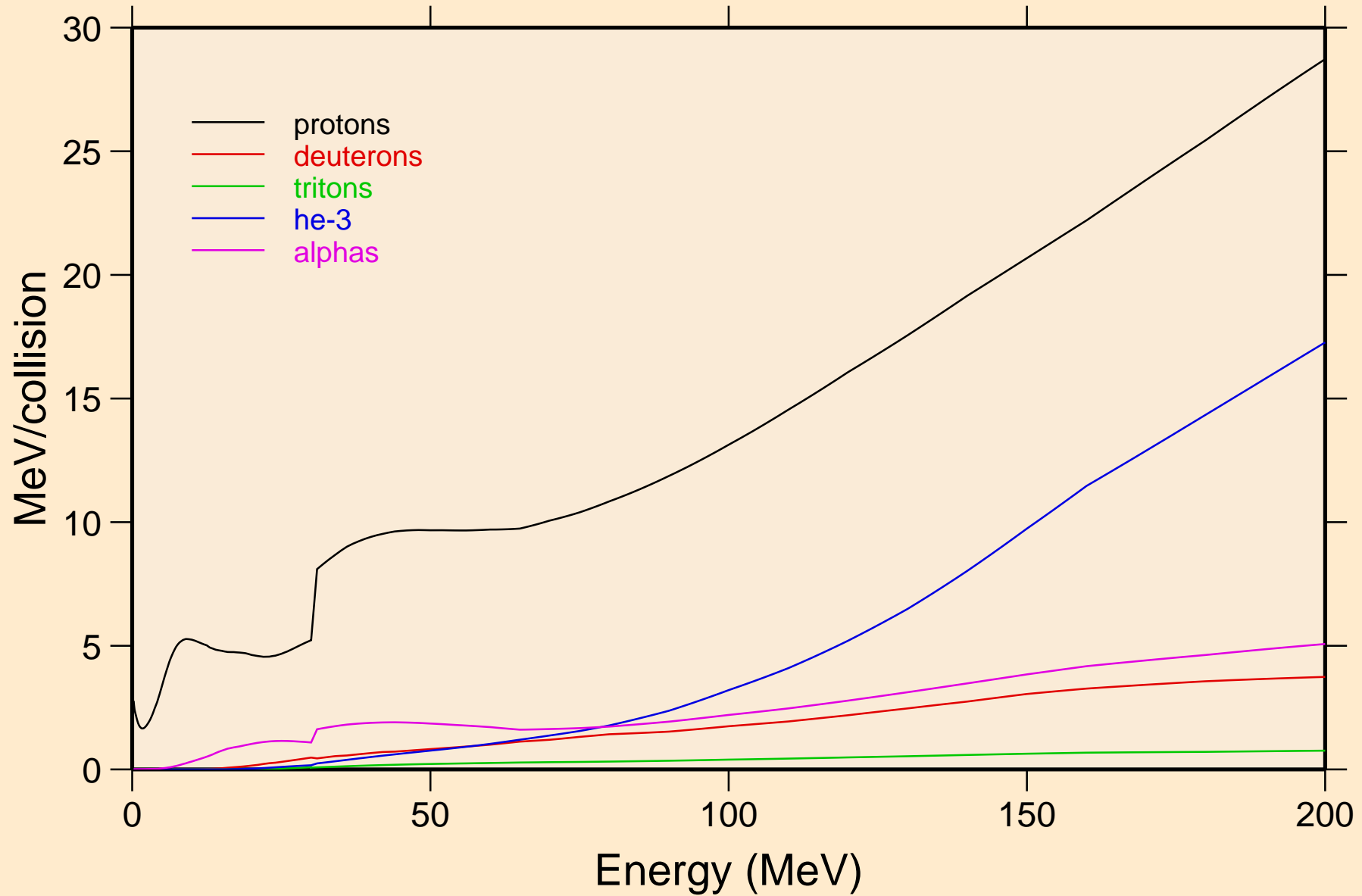


SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



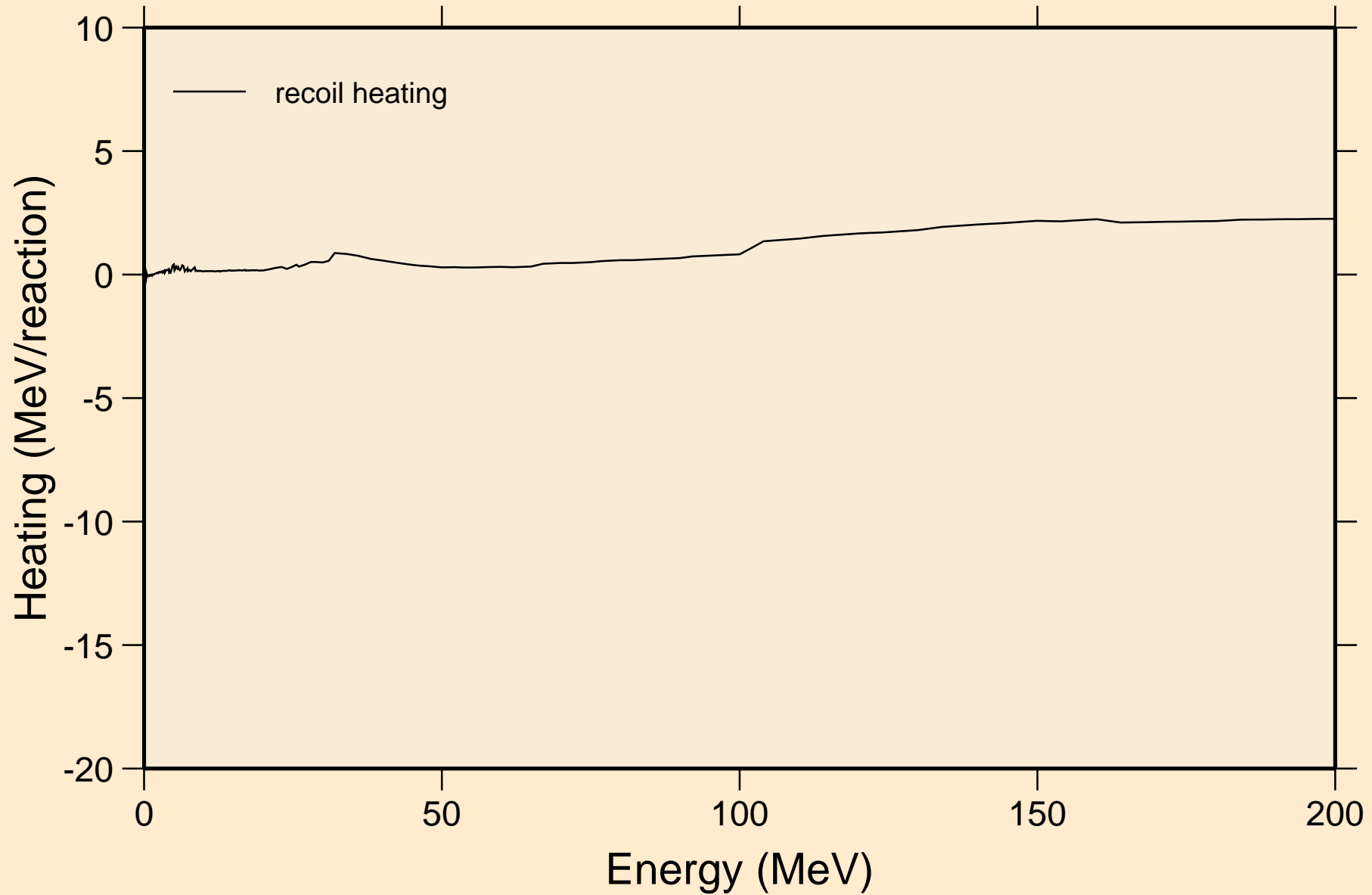
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## Particle heating contributions



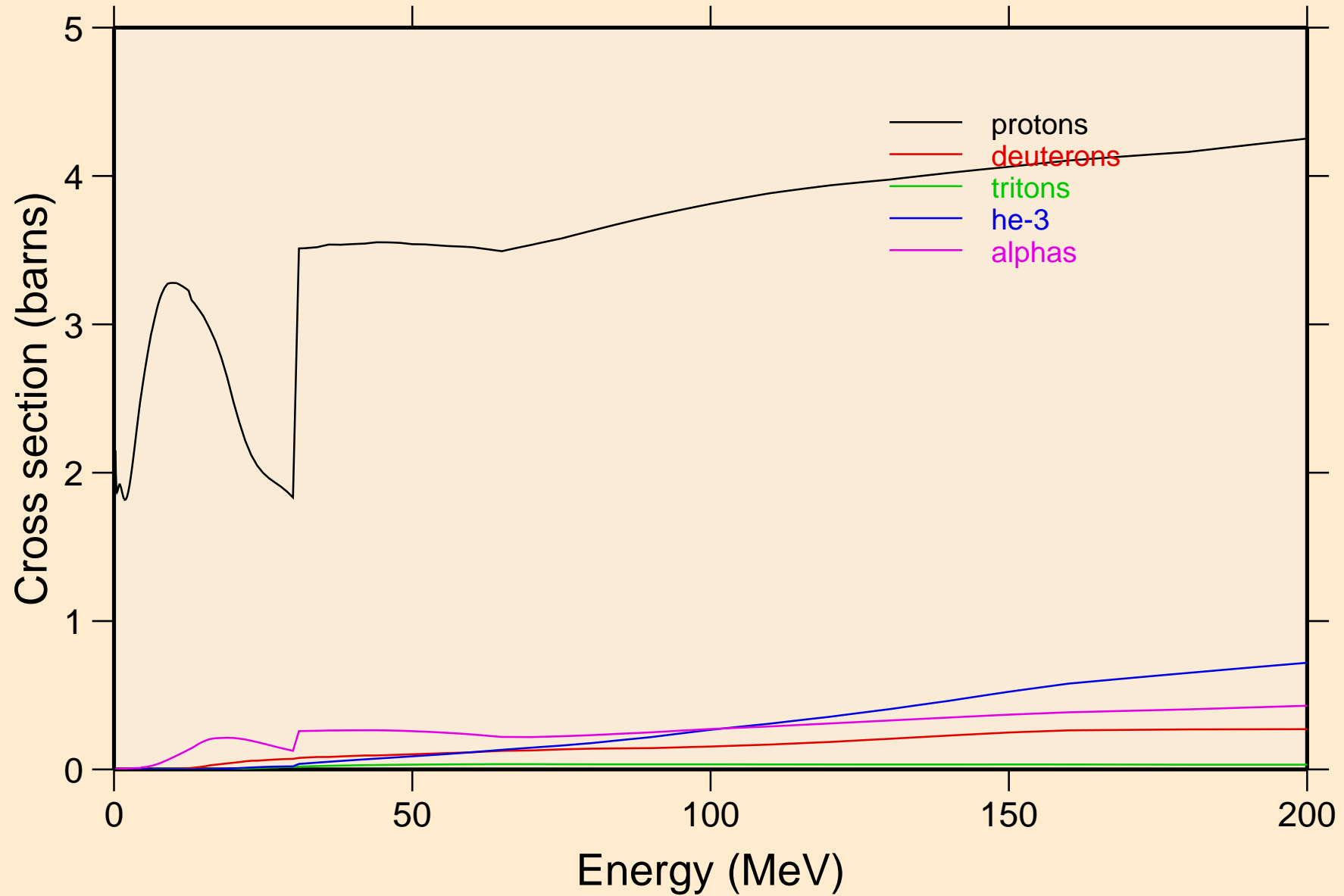
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## Recoil Heating

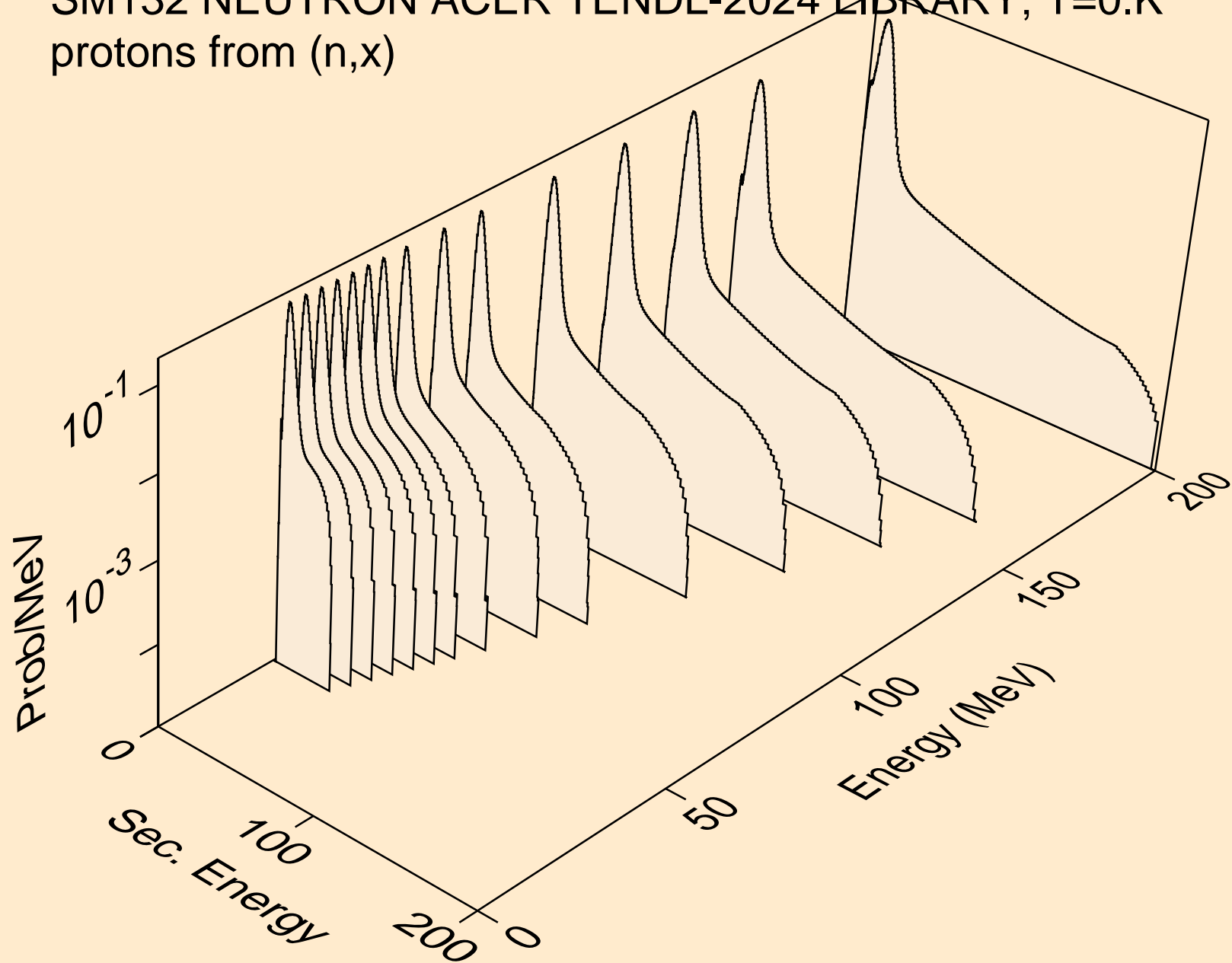


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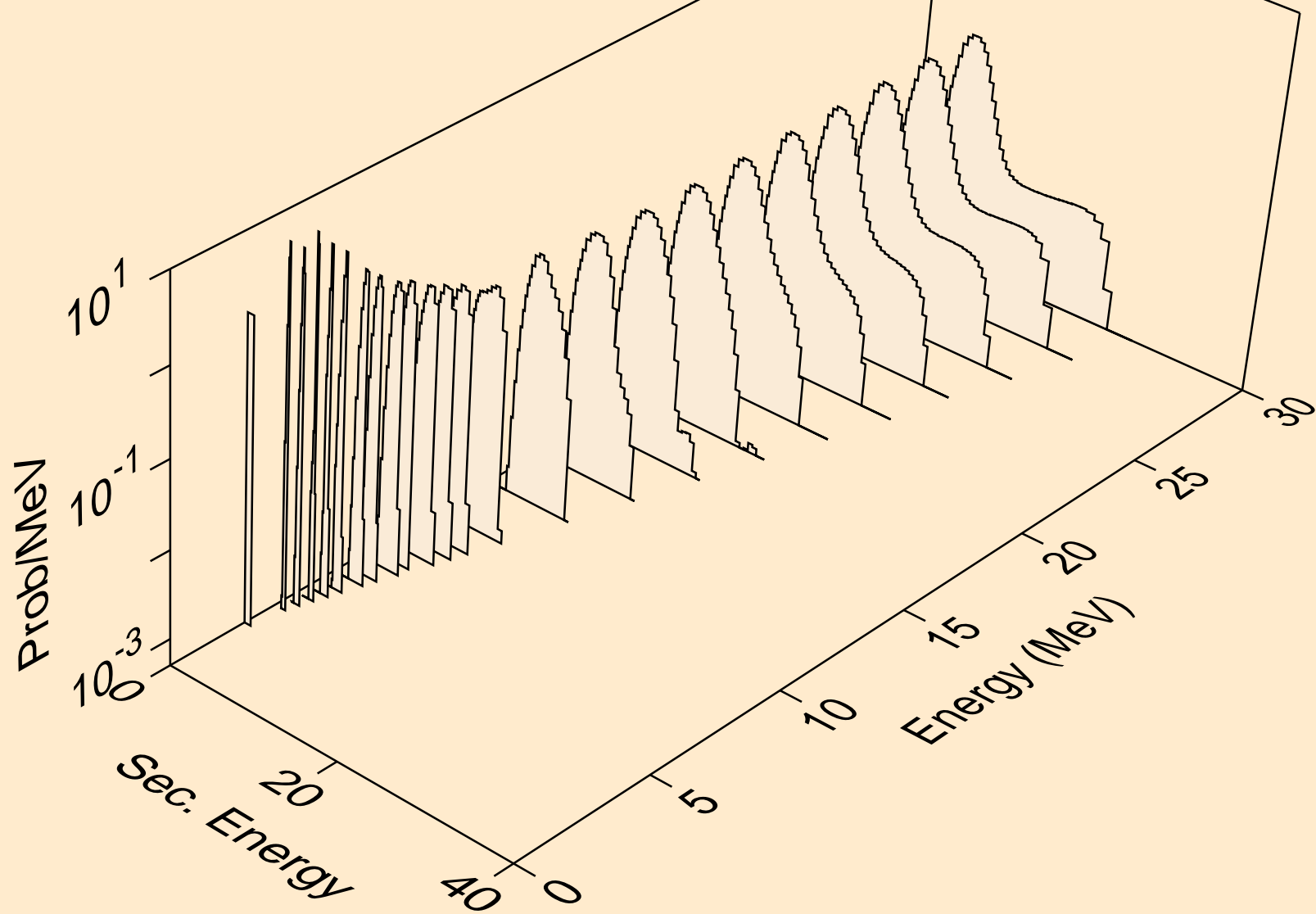
## Particle production cross sections



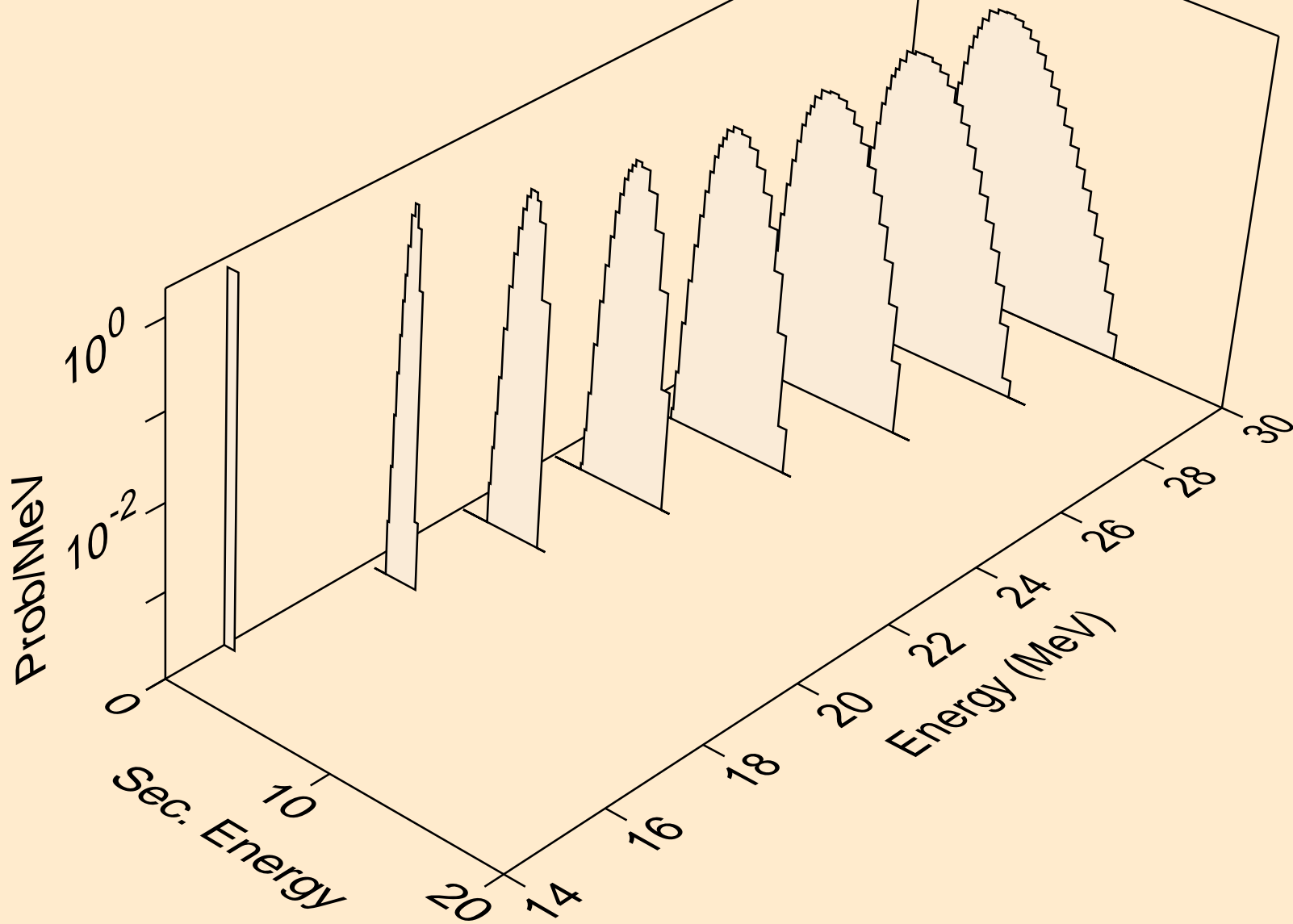
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



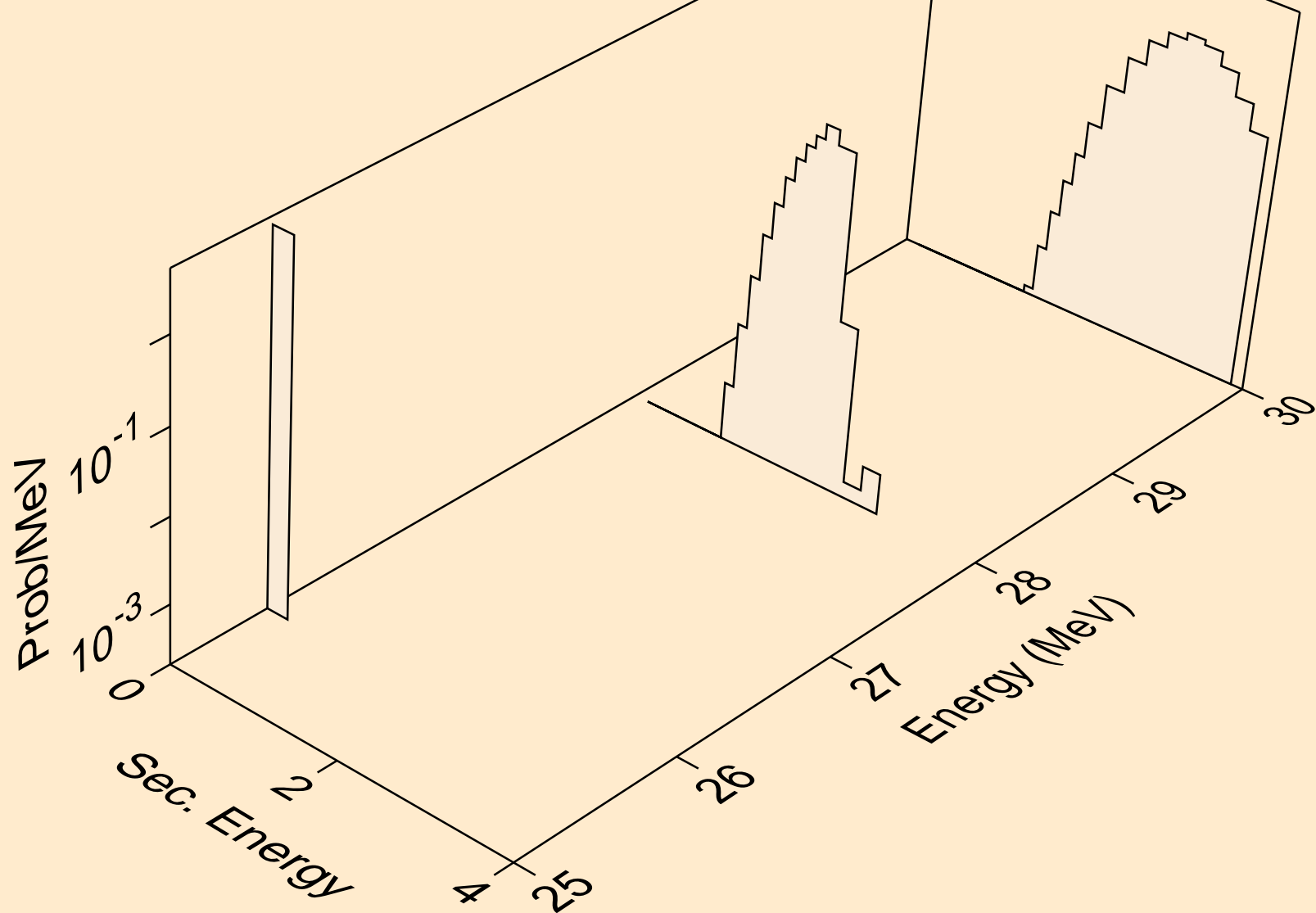
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protons from (n,n\*)p



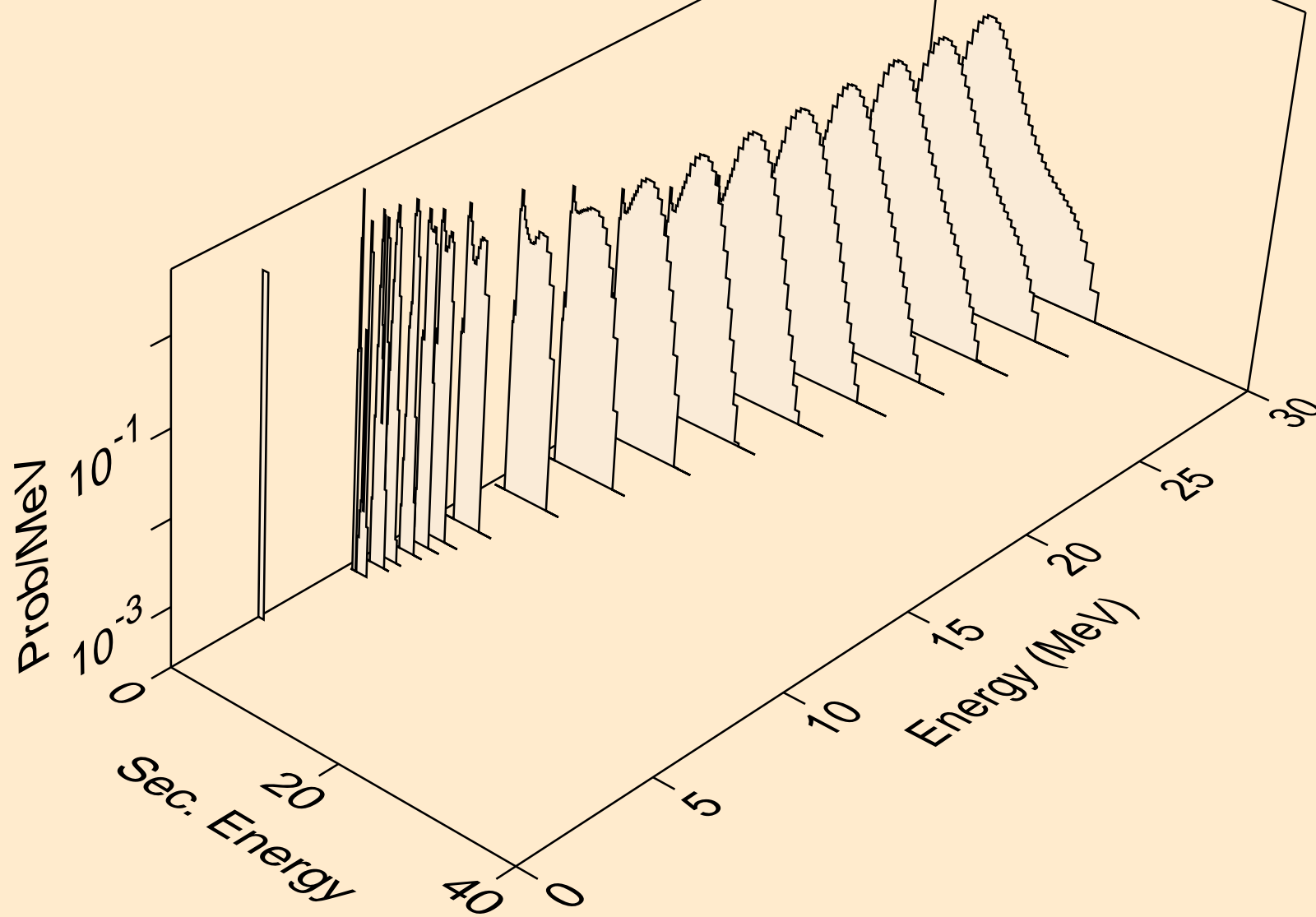
SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



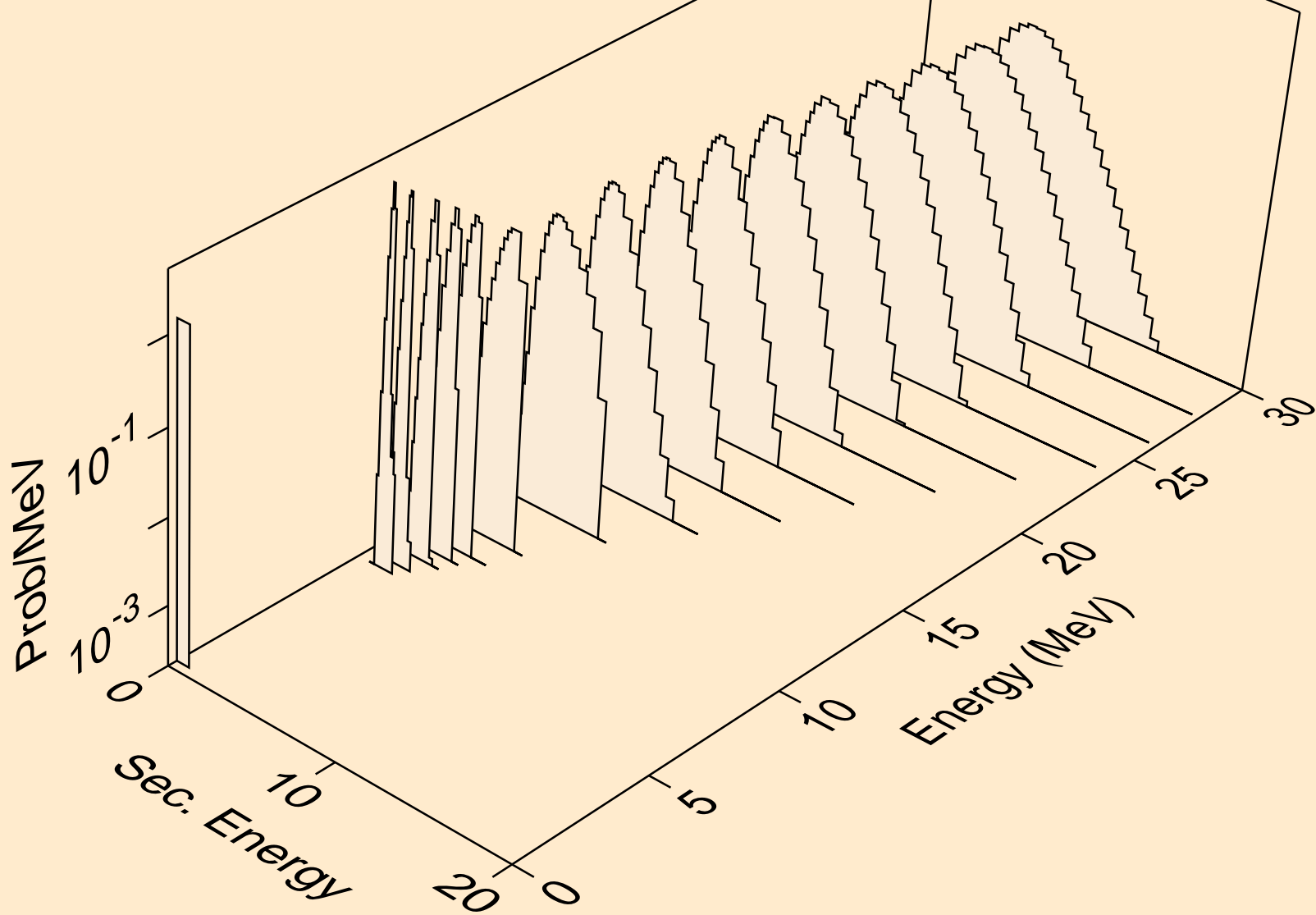
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protons from (n,3np)



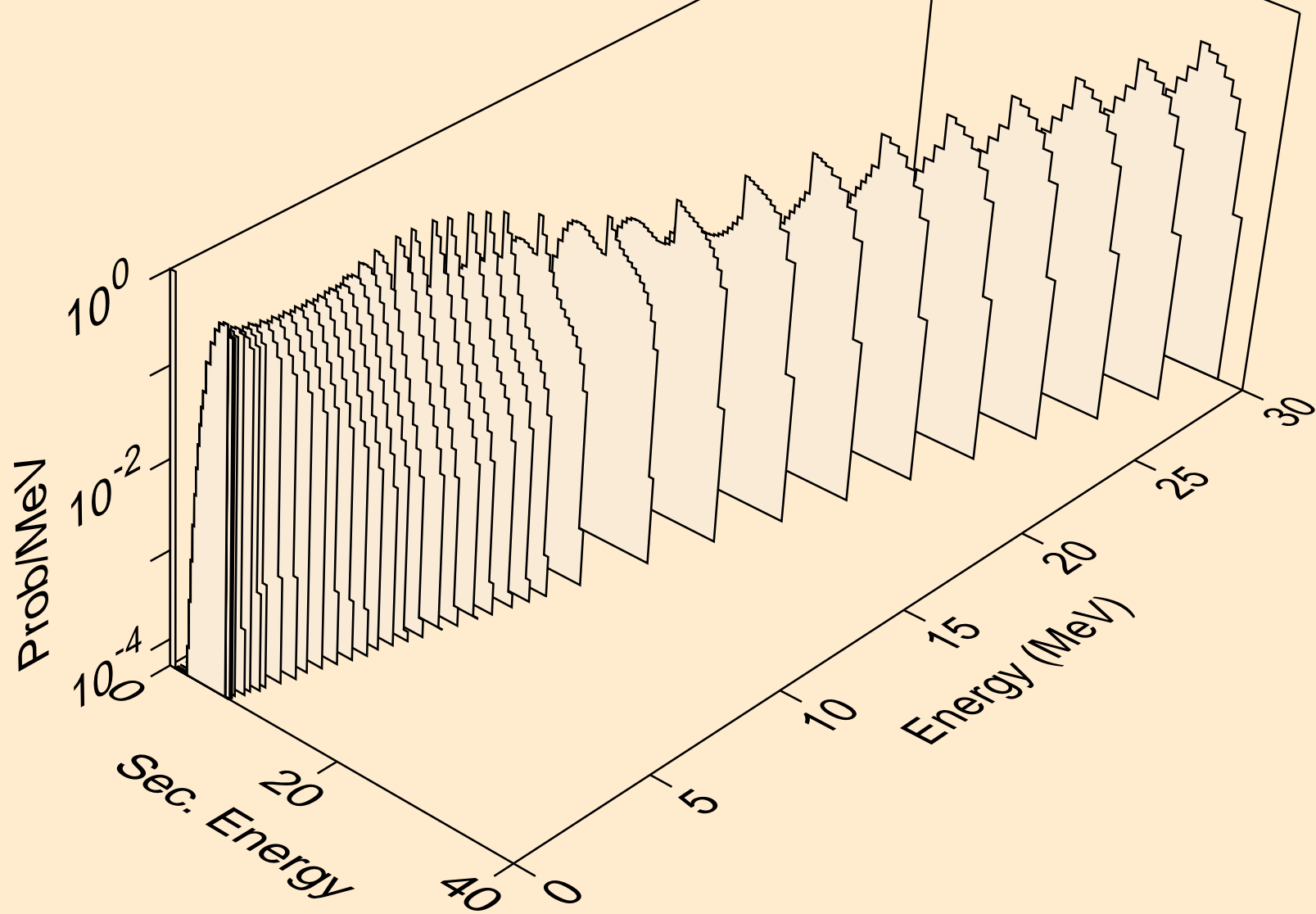
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protons from (n,n2p)



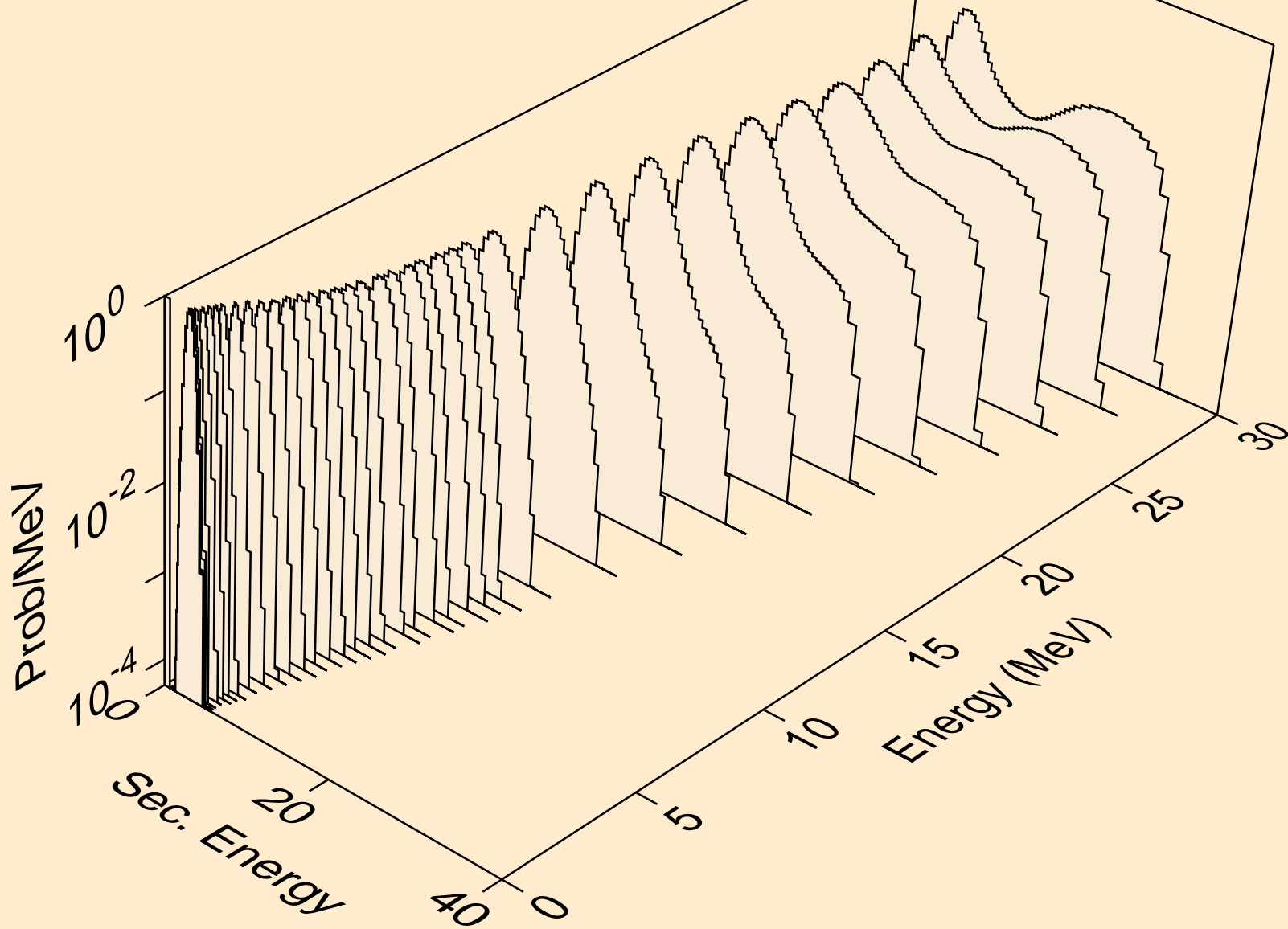
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protons from (n,npa)



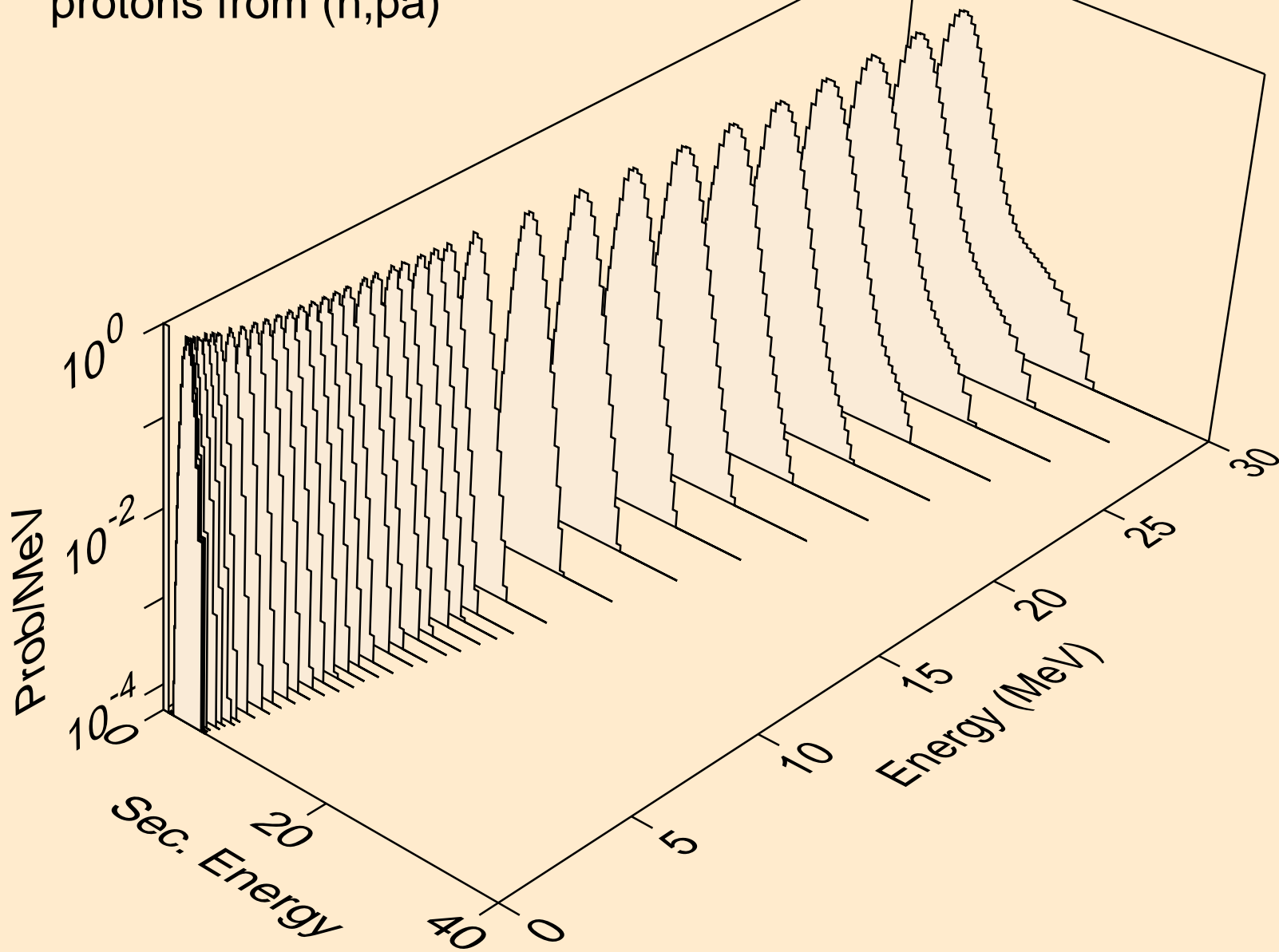
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protons from (n,p)



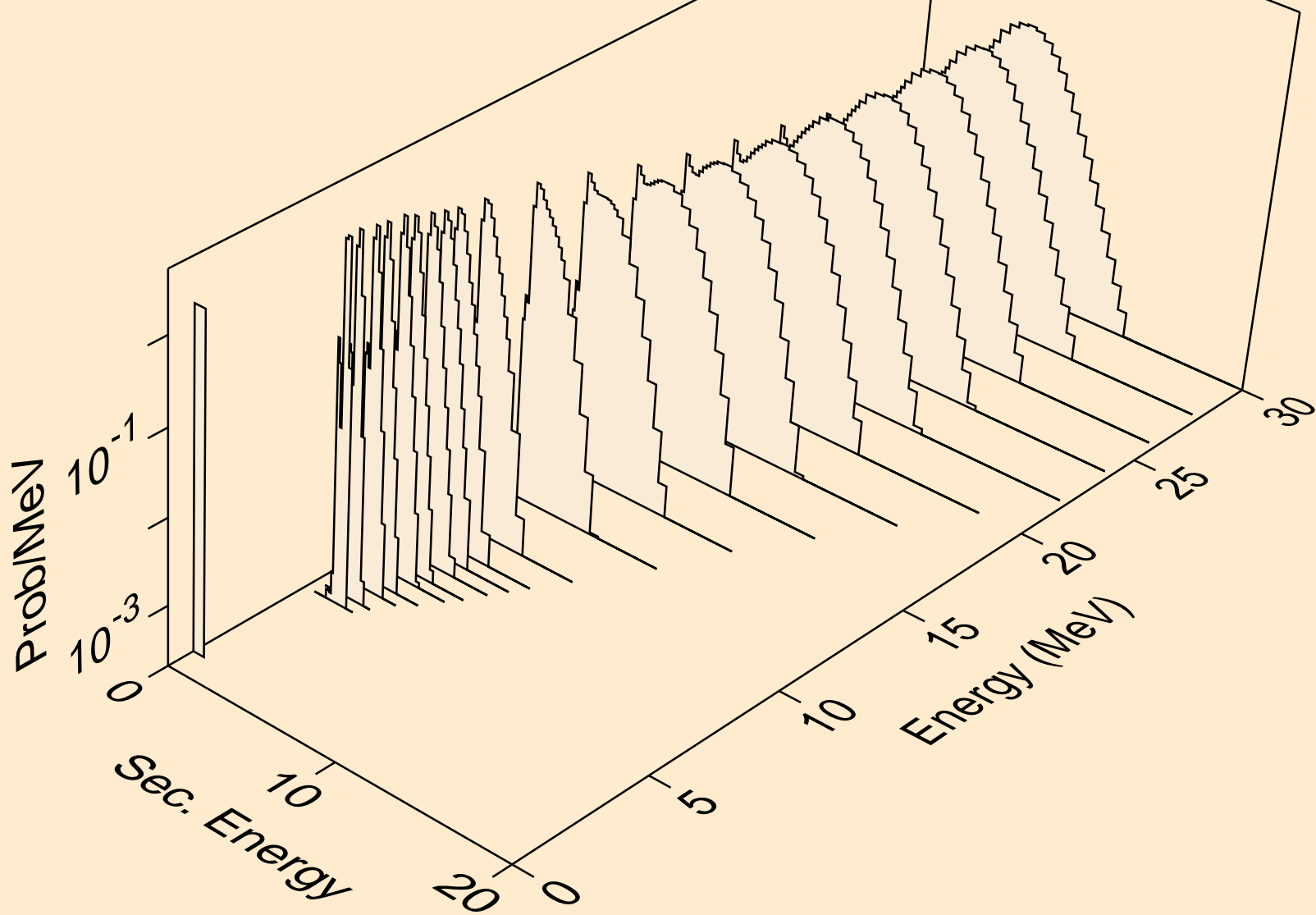
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protons from (n,2p)



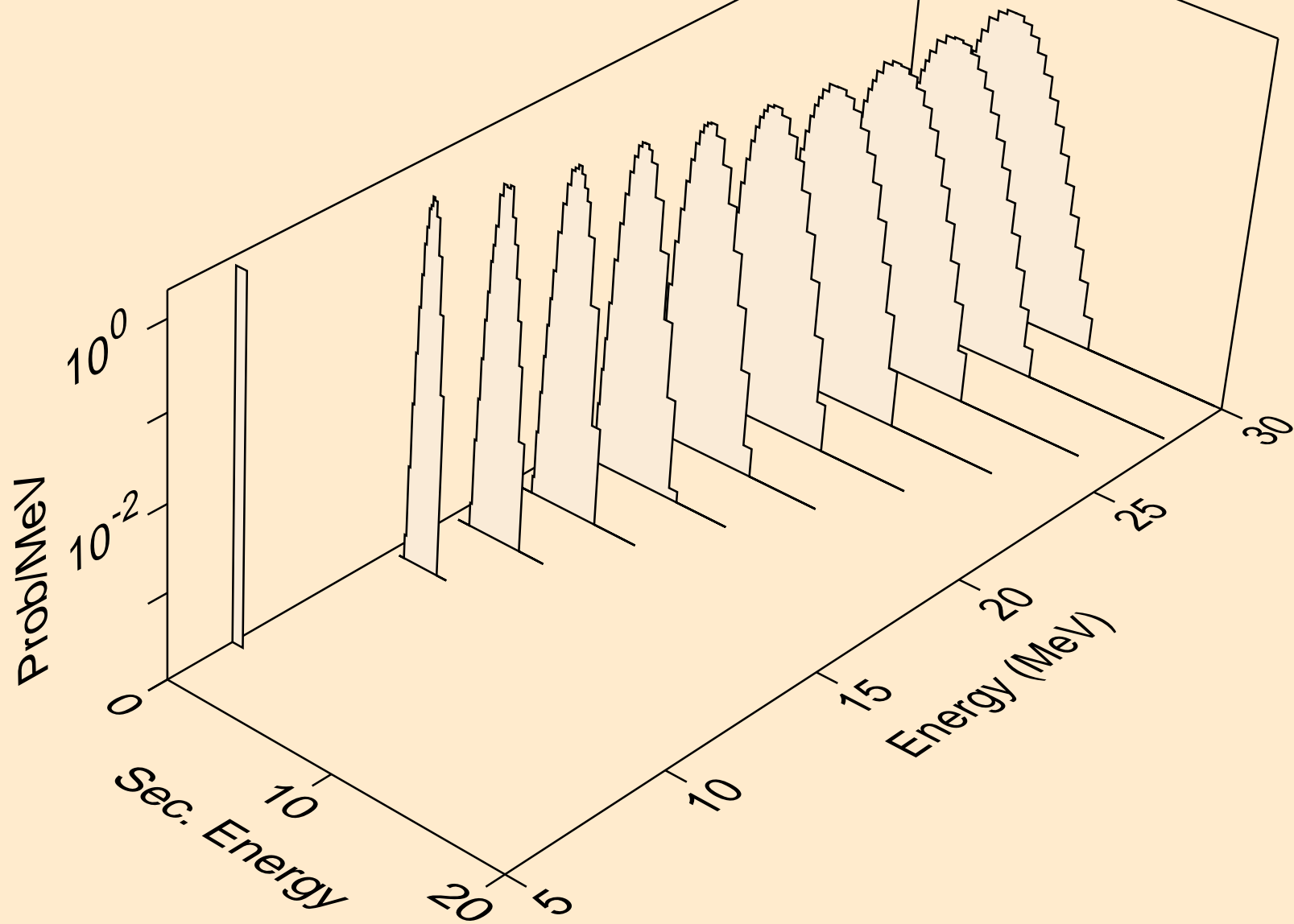
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protons from (n,p)



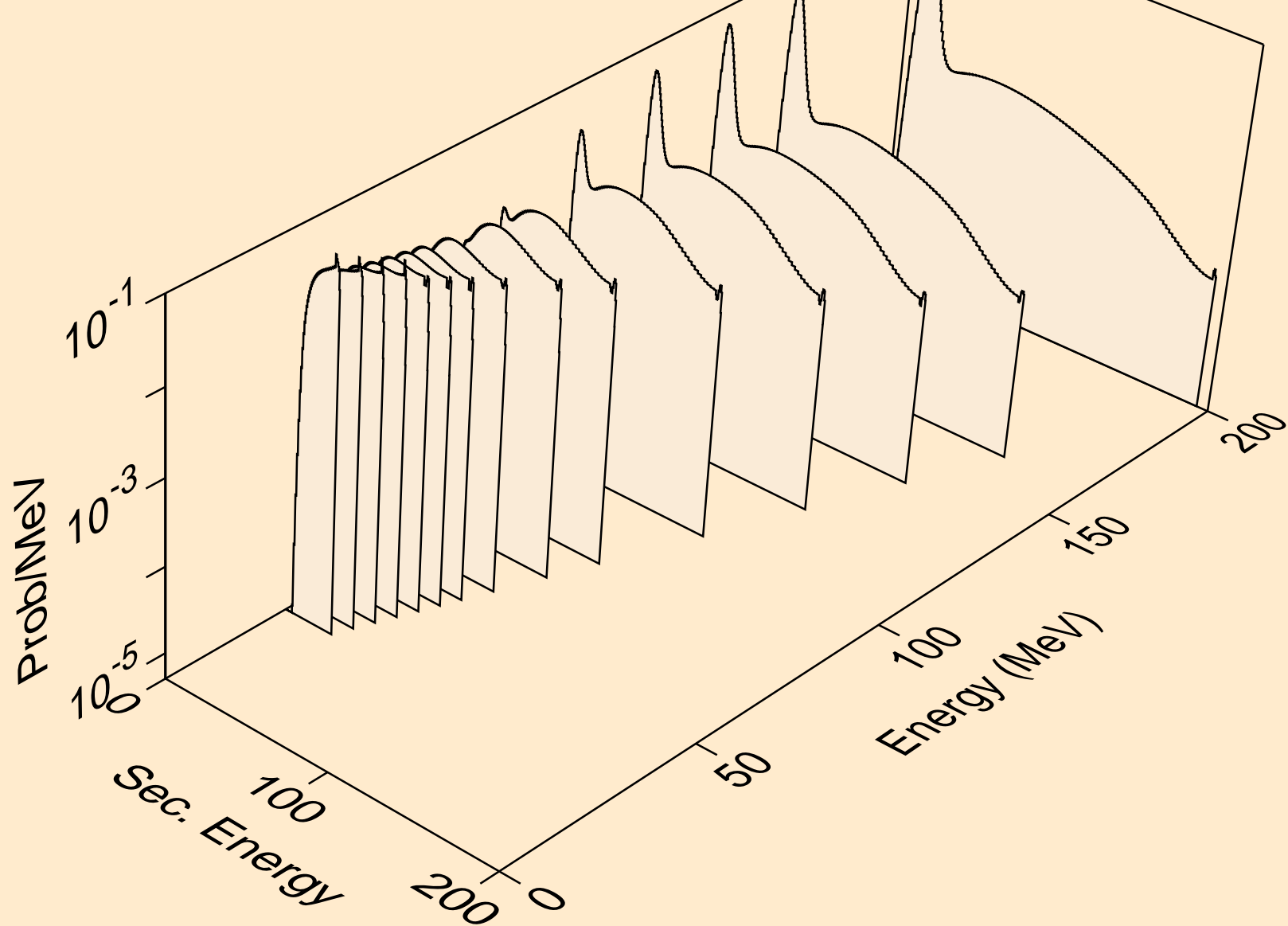
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protons from (n,pd)



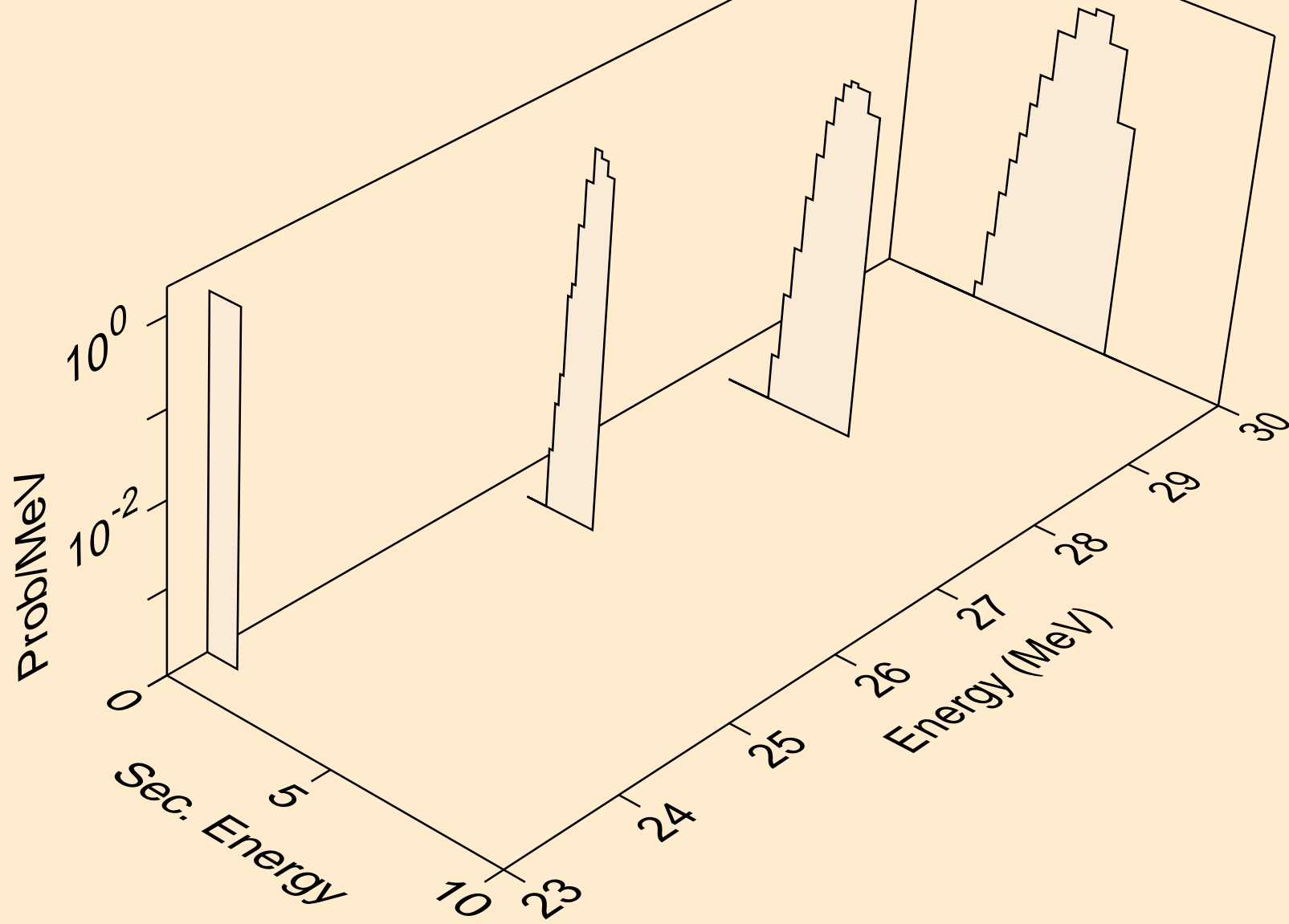
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protons from (n,pt)



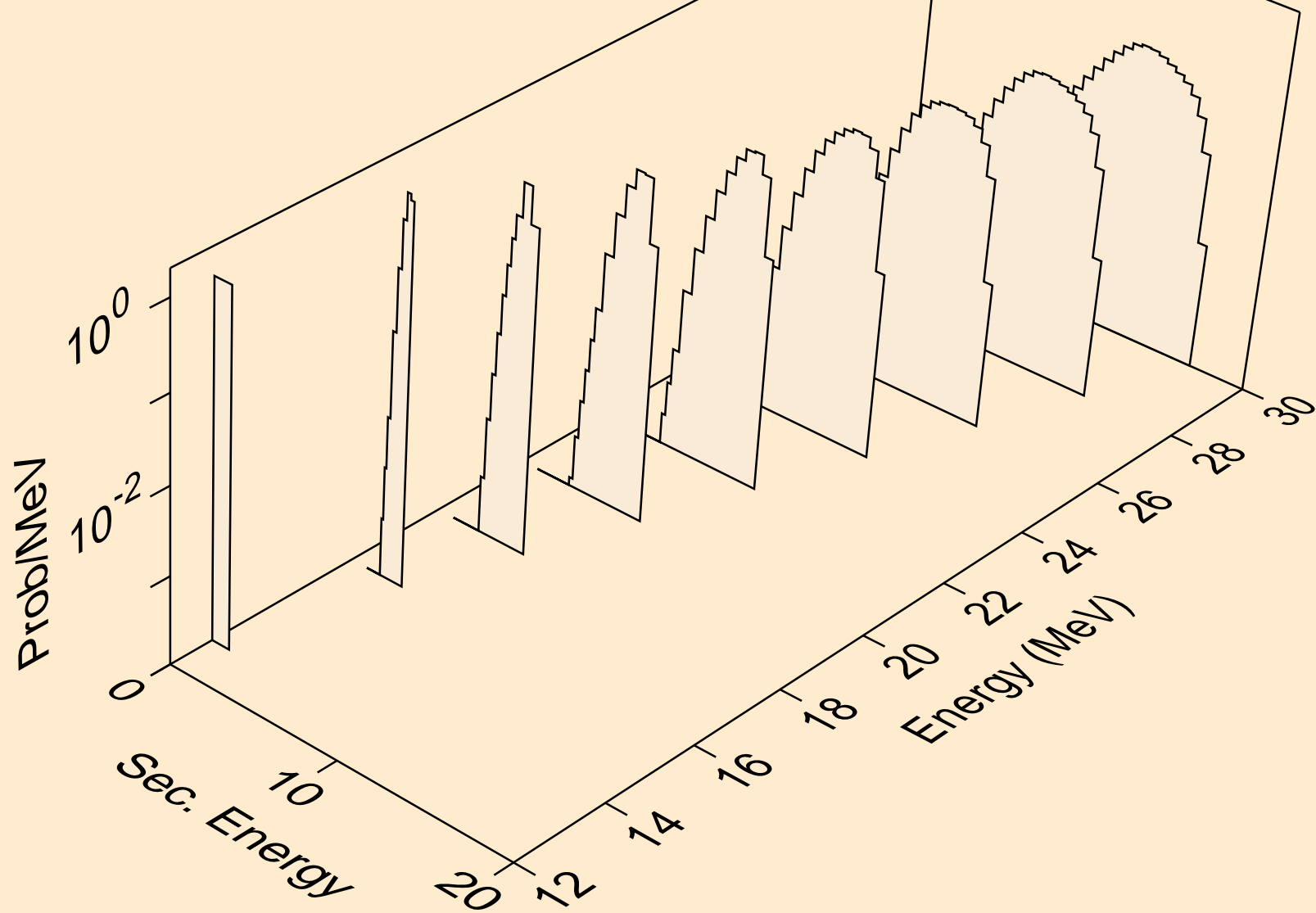
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deuterons from (n,x)



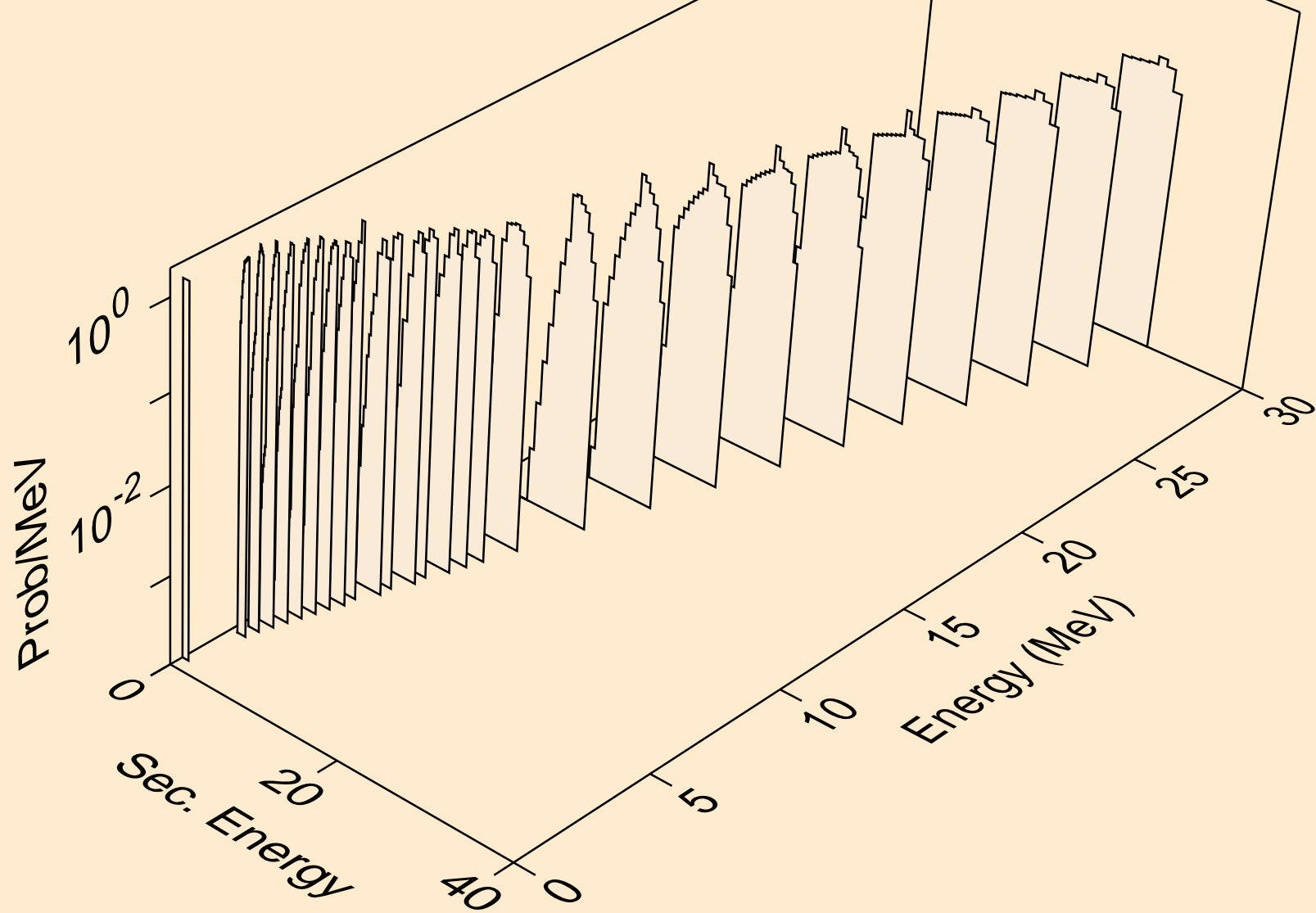
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deuterons from (n,2nd)



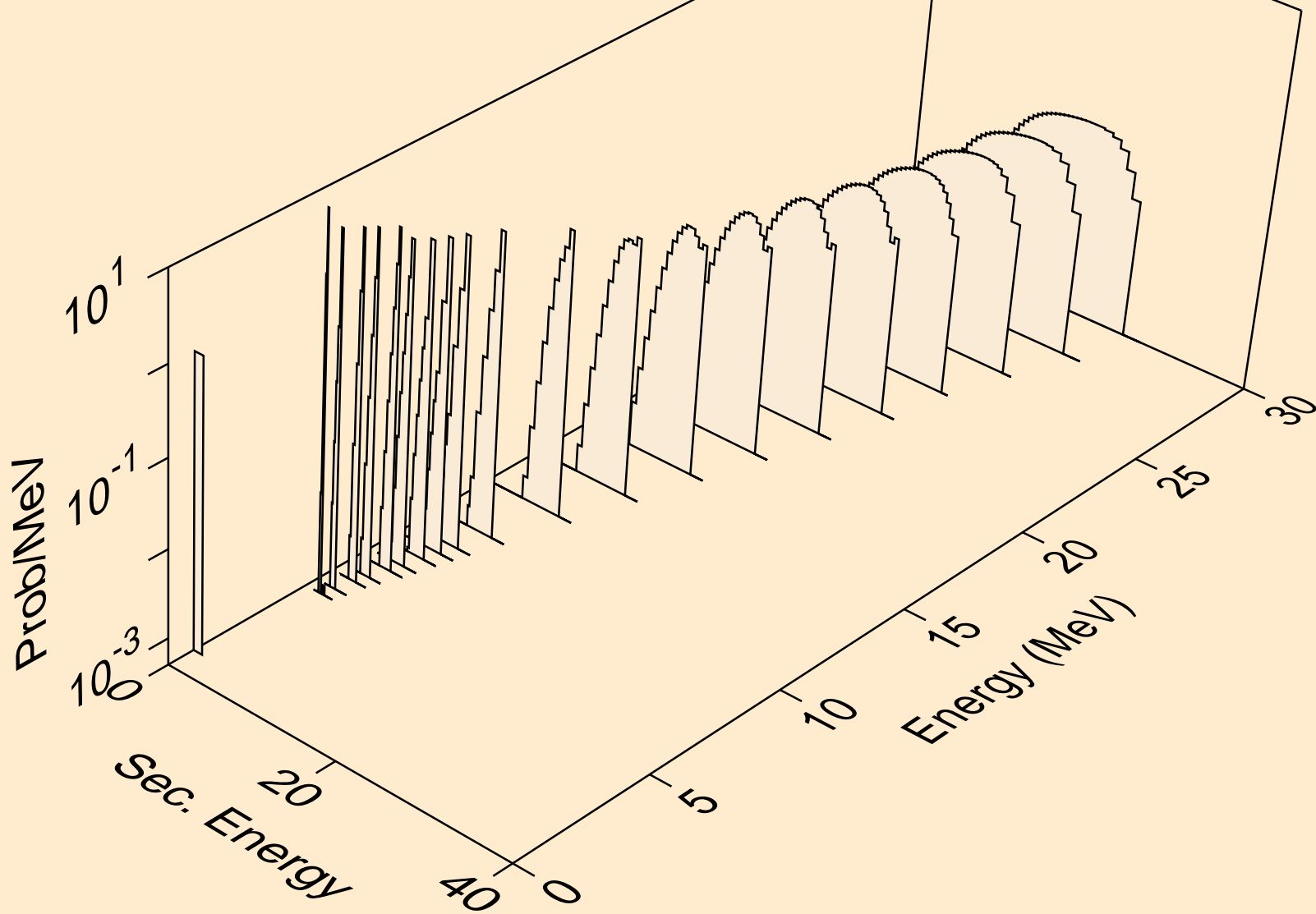
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deuterons from (n,n\*)d



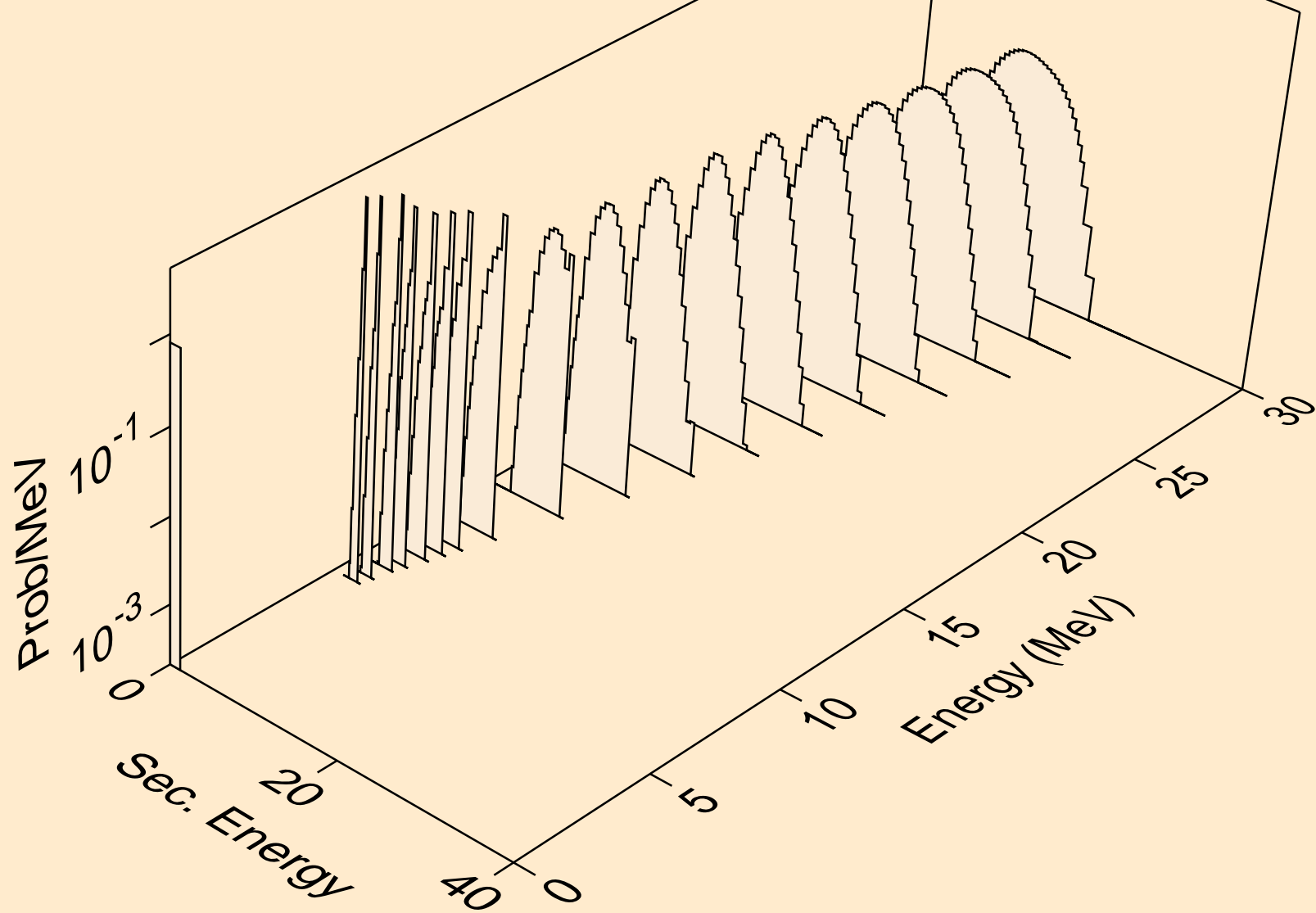
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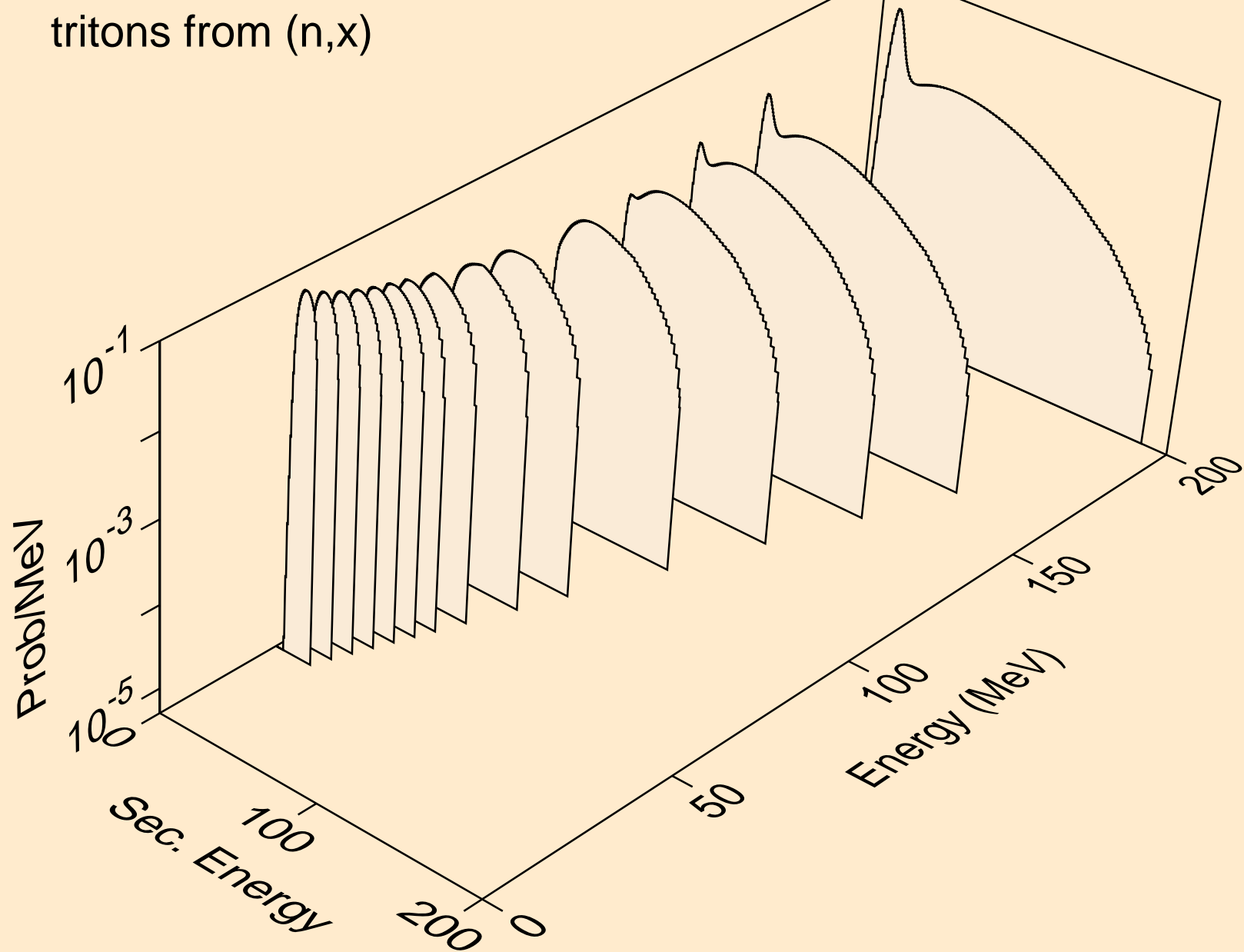
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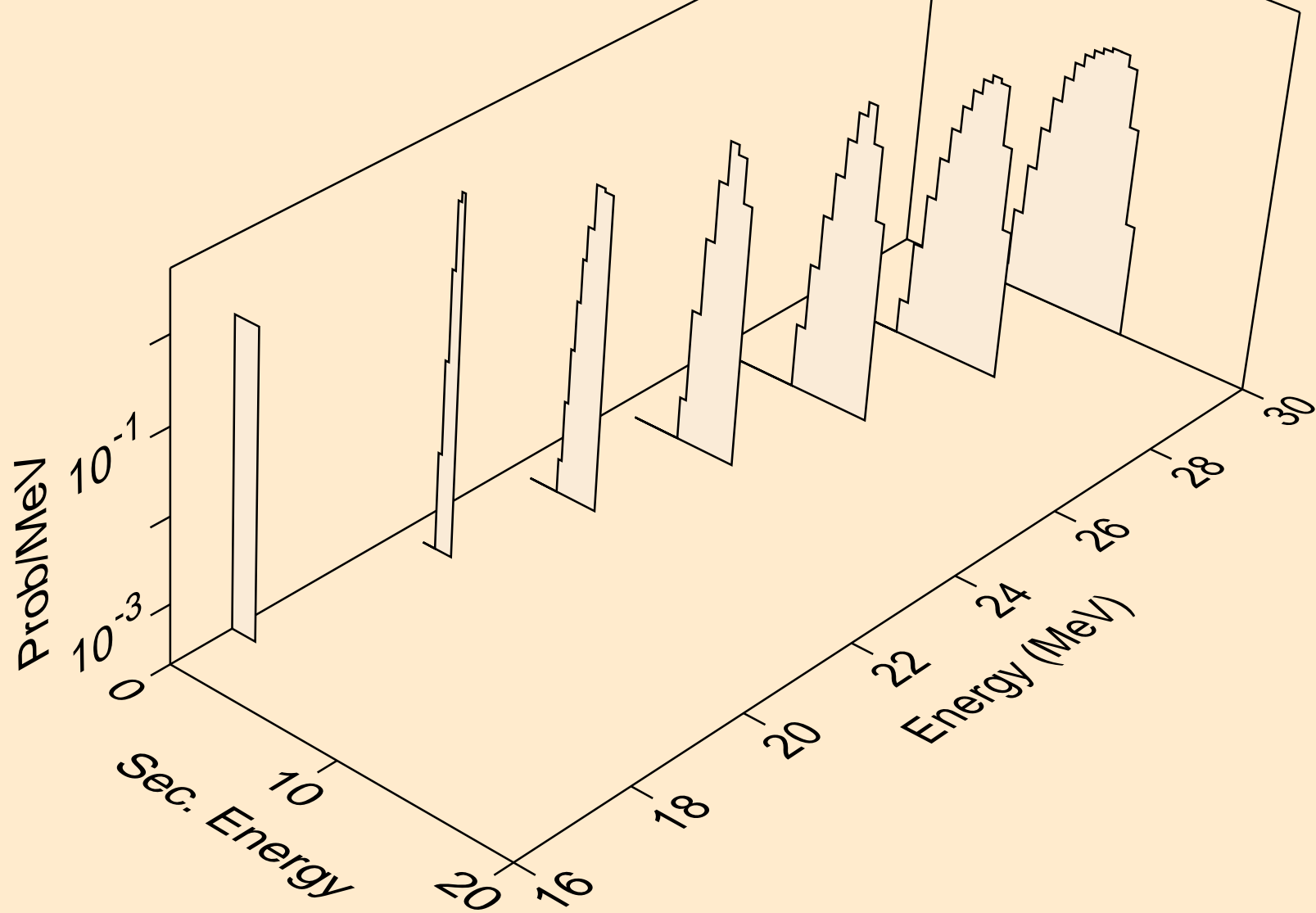
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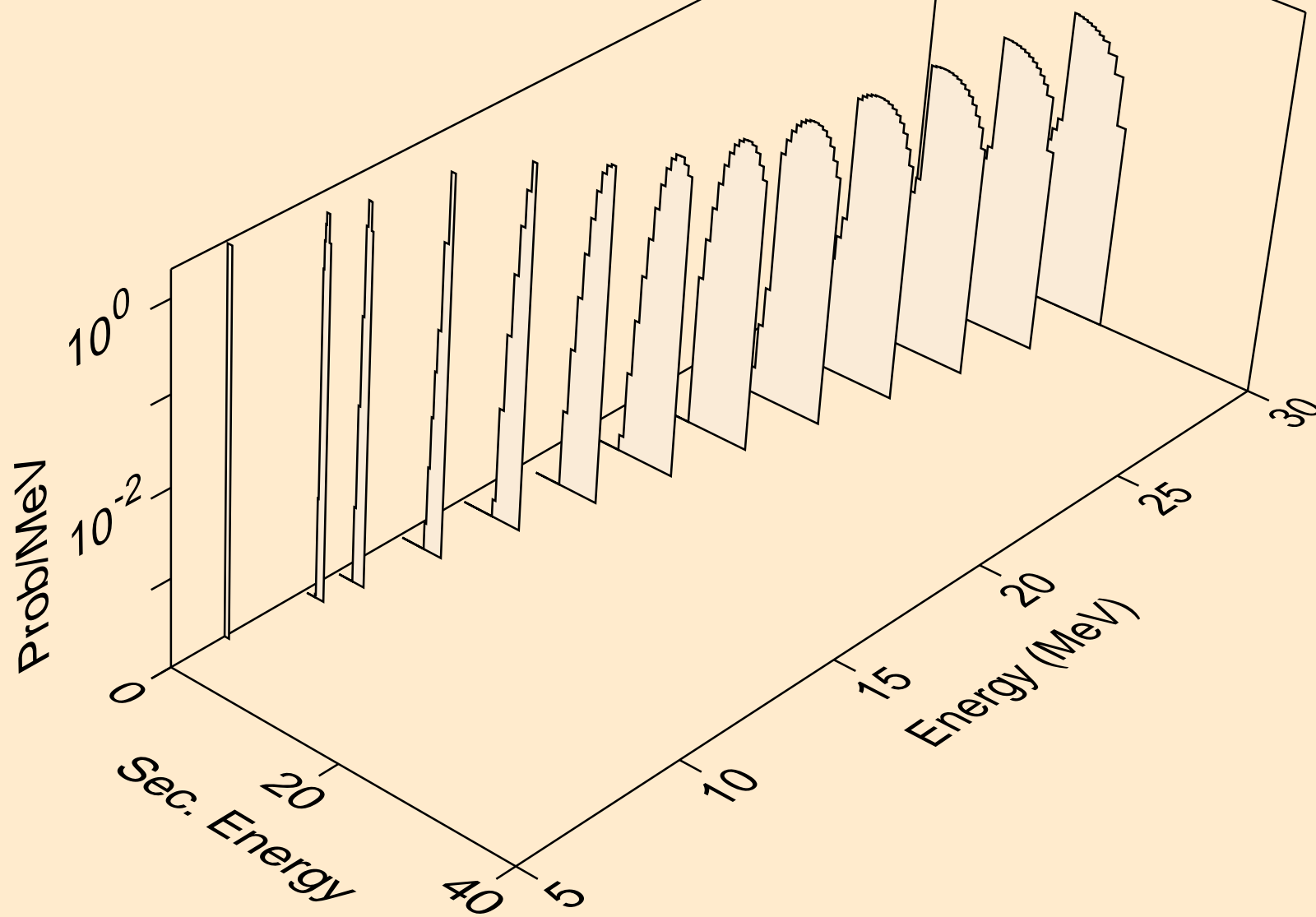
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tritons from (n,x)



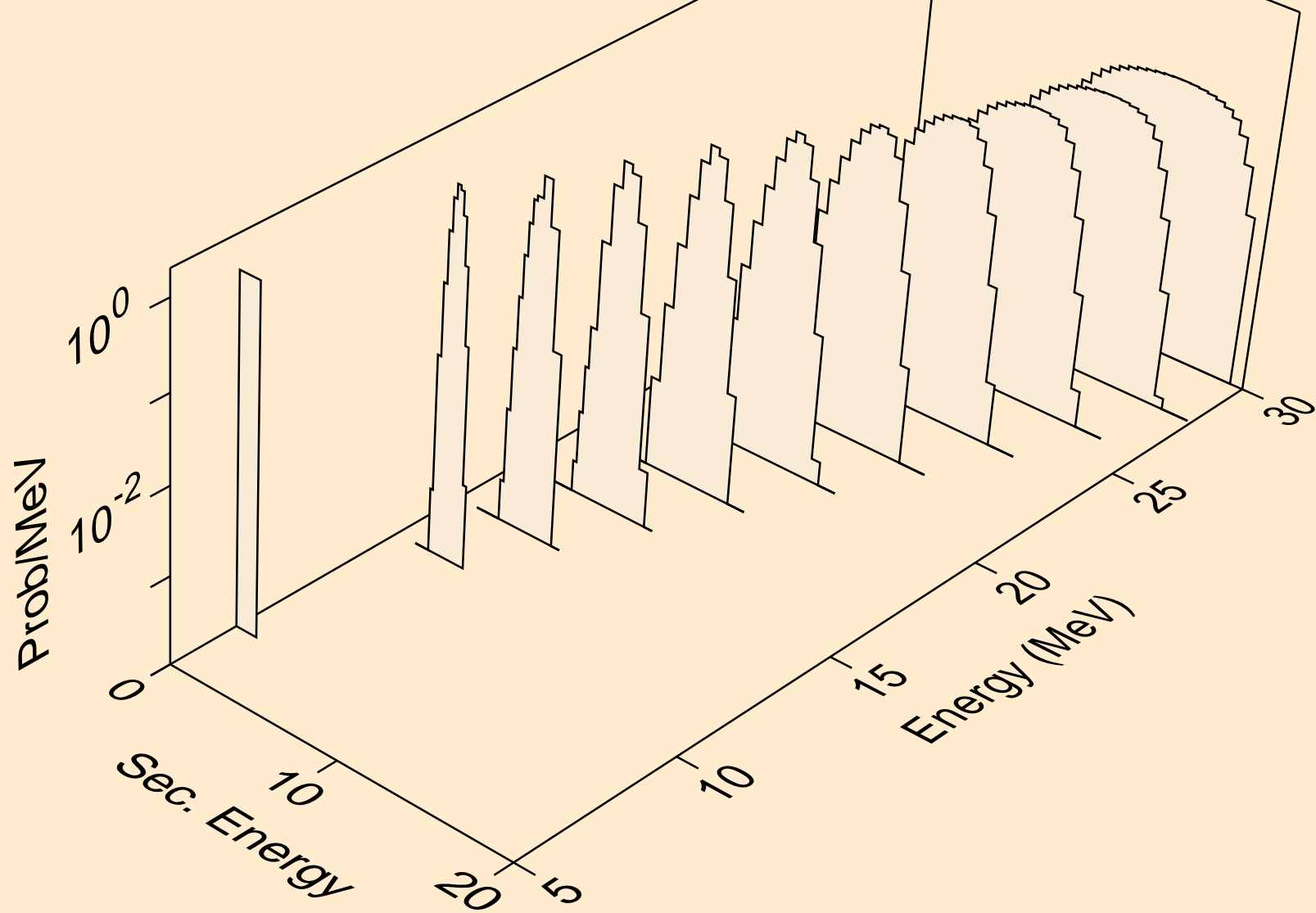
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tritons from (n,n\*)t



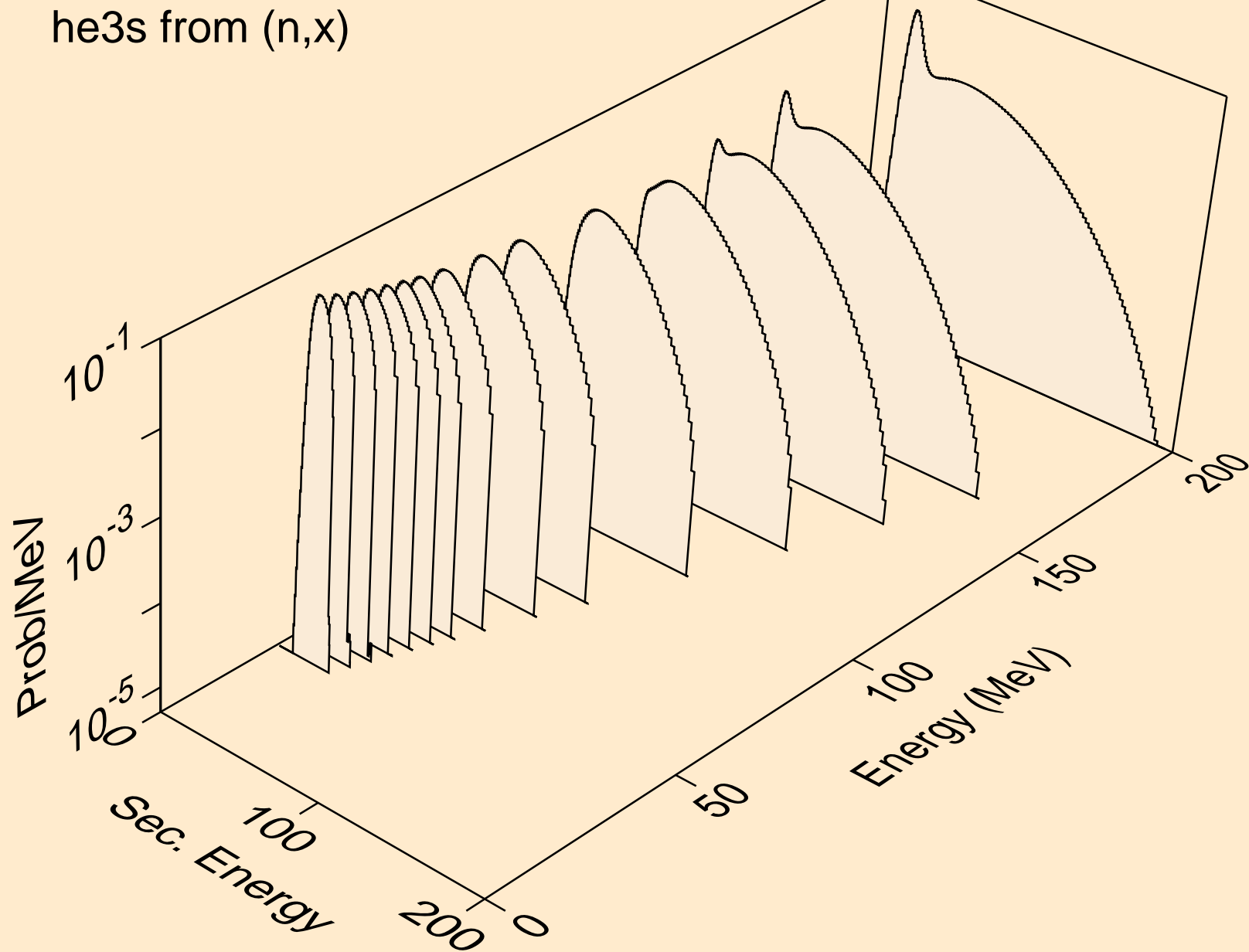
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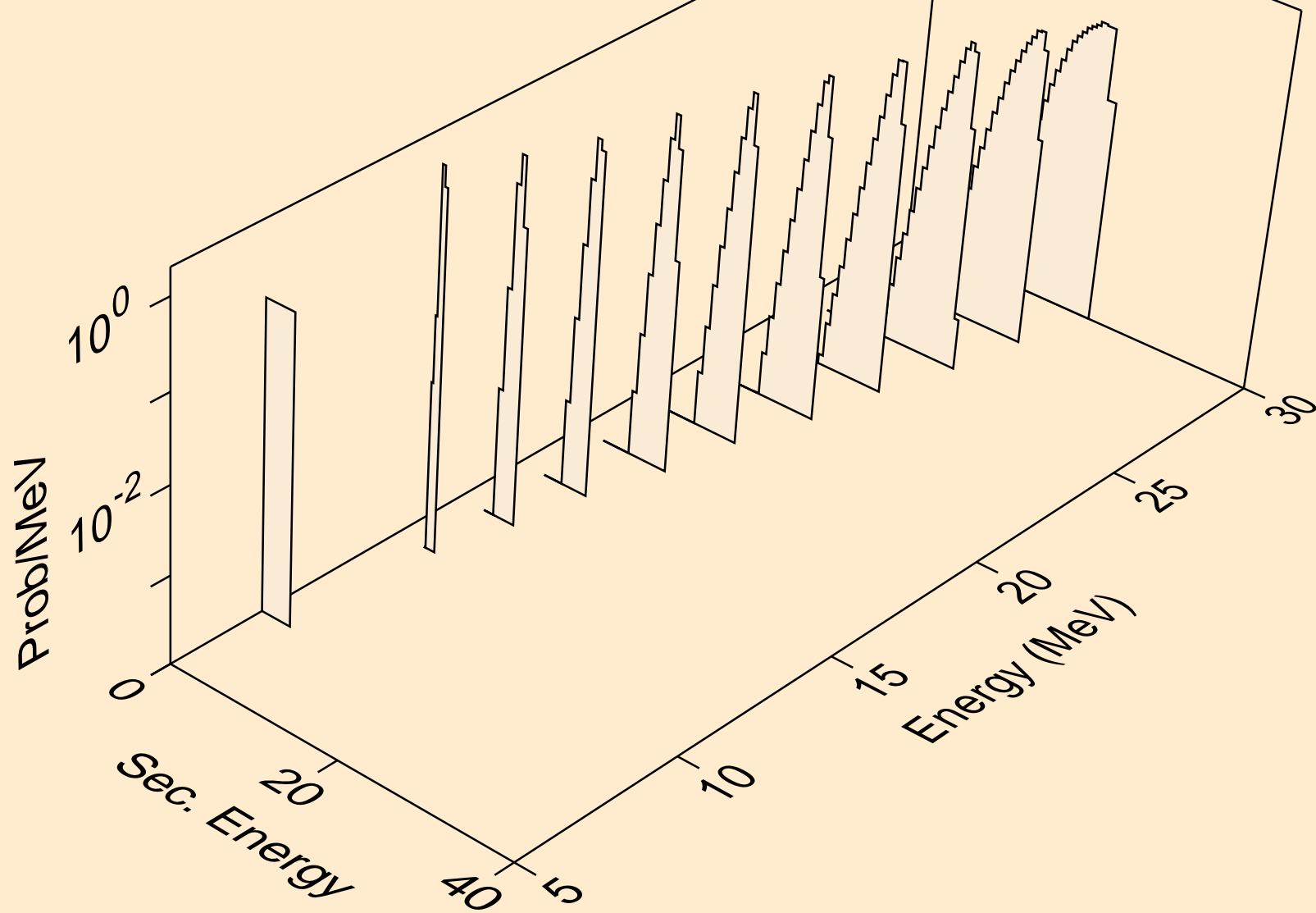
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tritons from (n,pt)



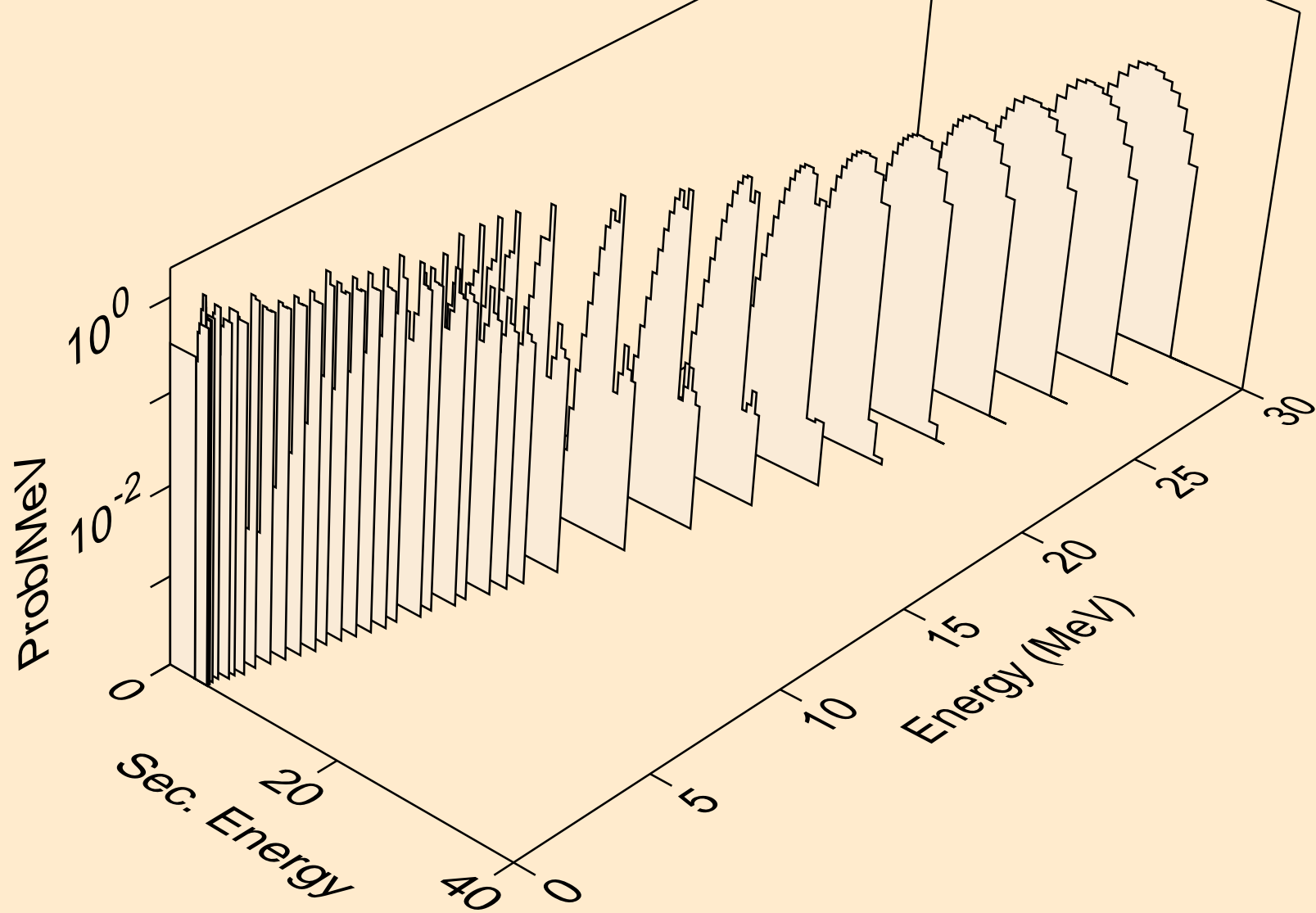
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he3s from (n,x)



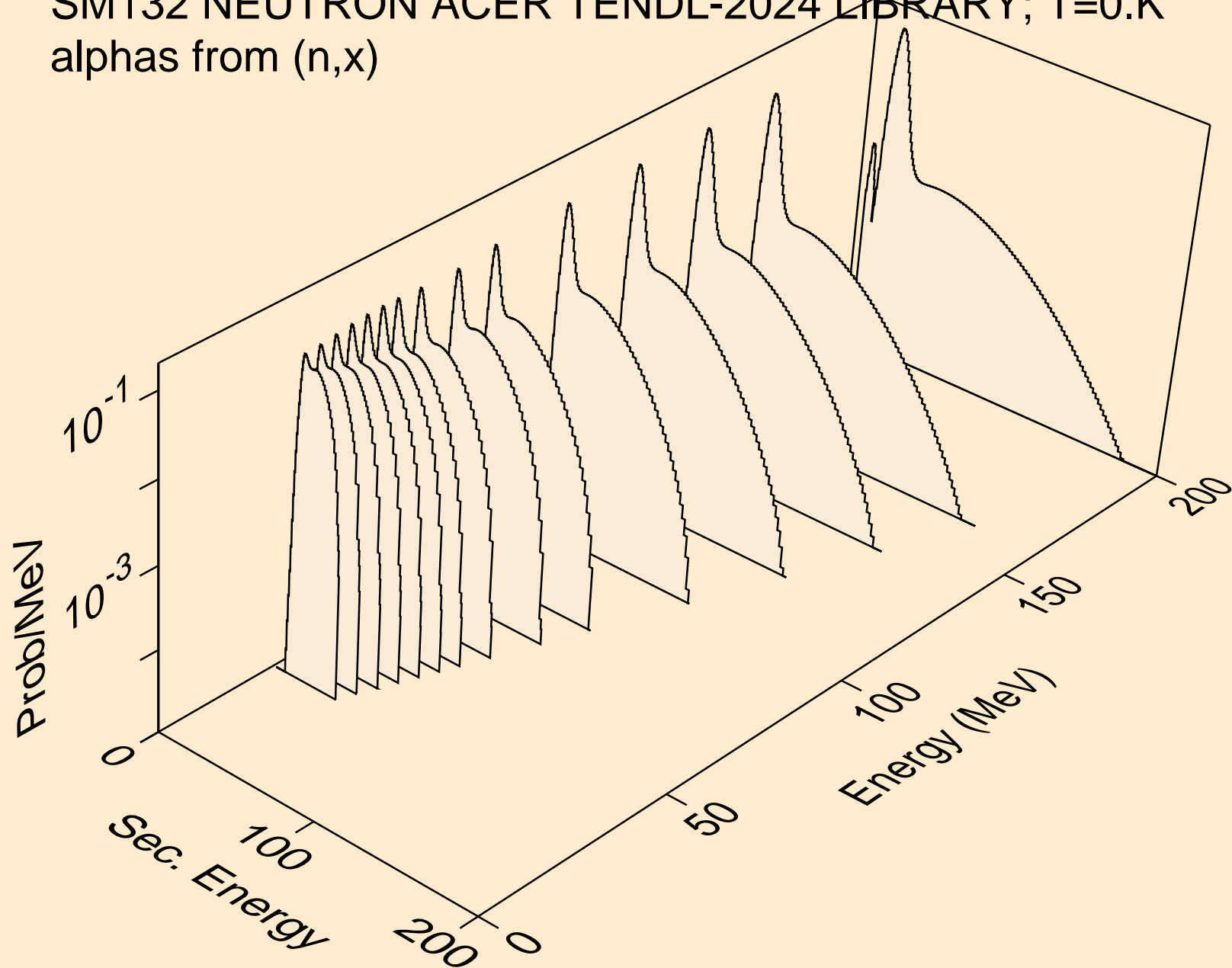
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he3s from (n,n\*)he3



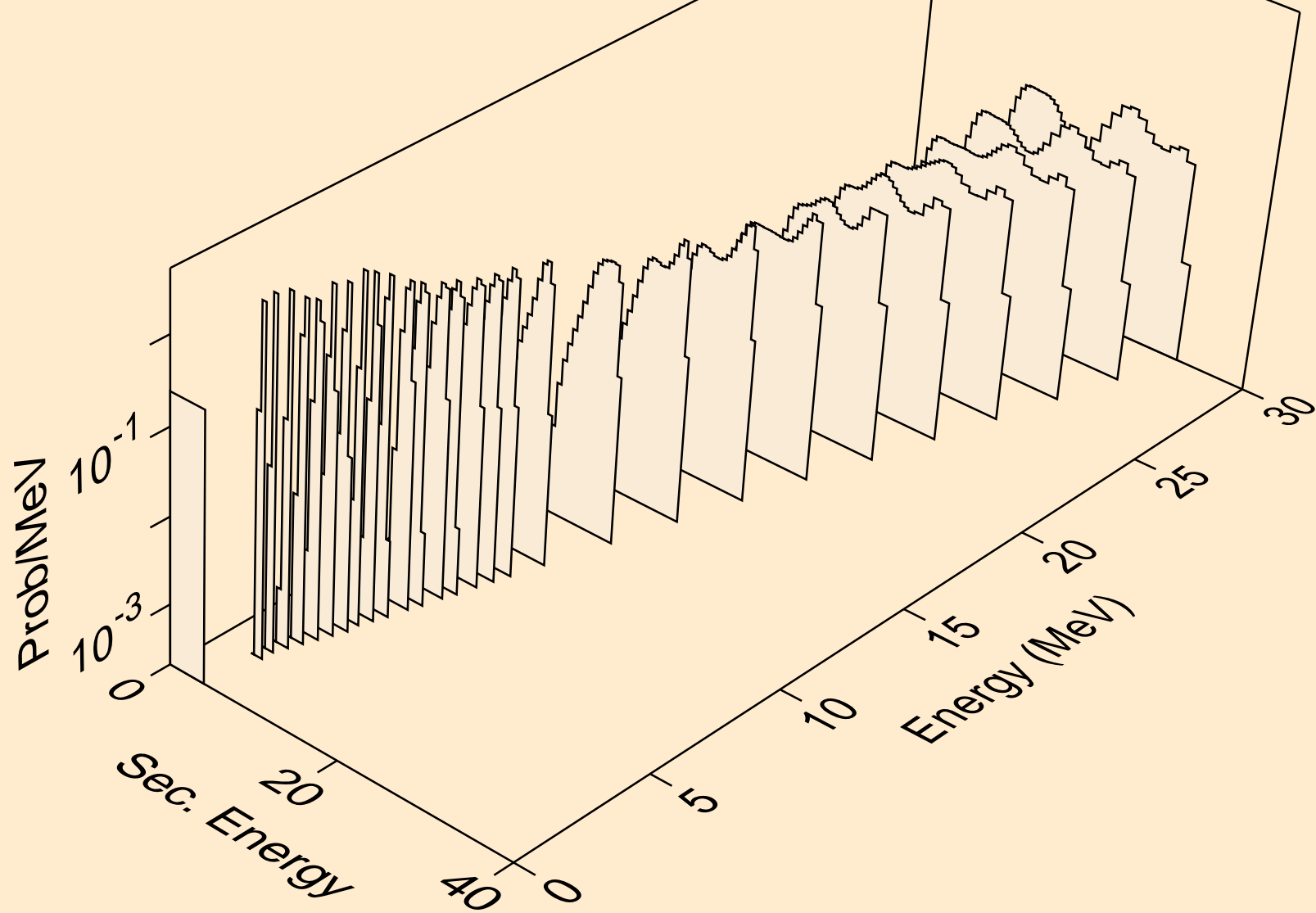
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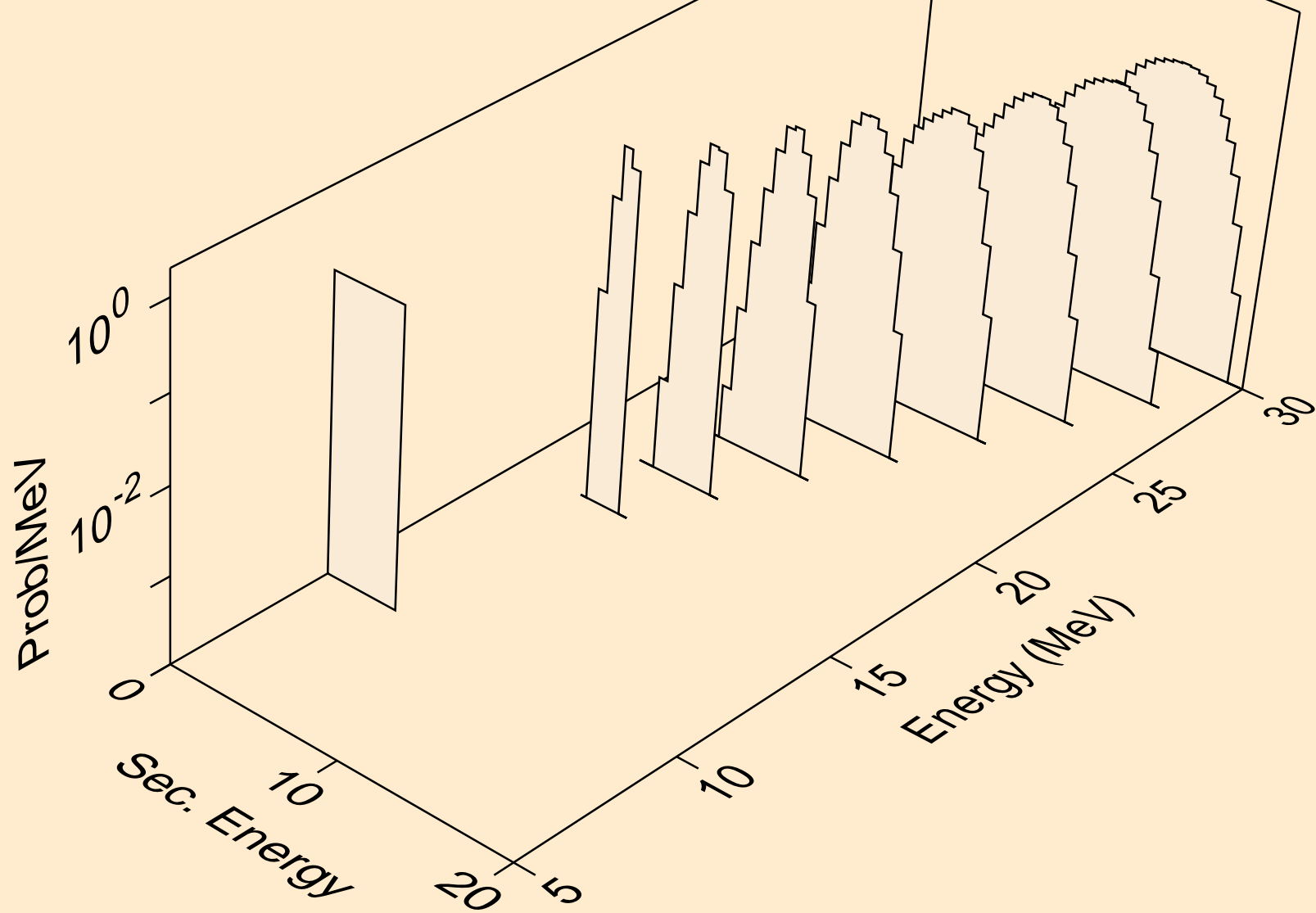
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alphas from (n,x)



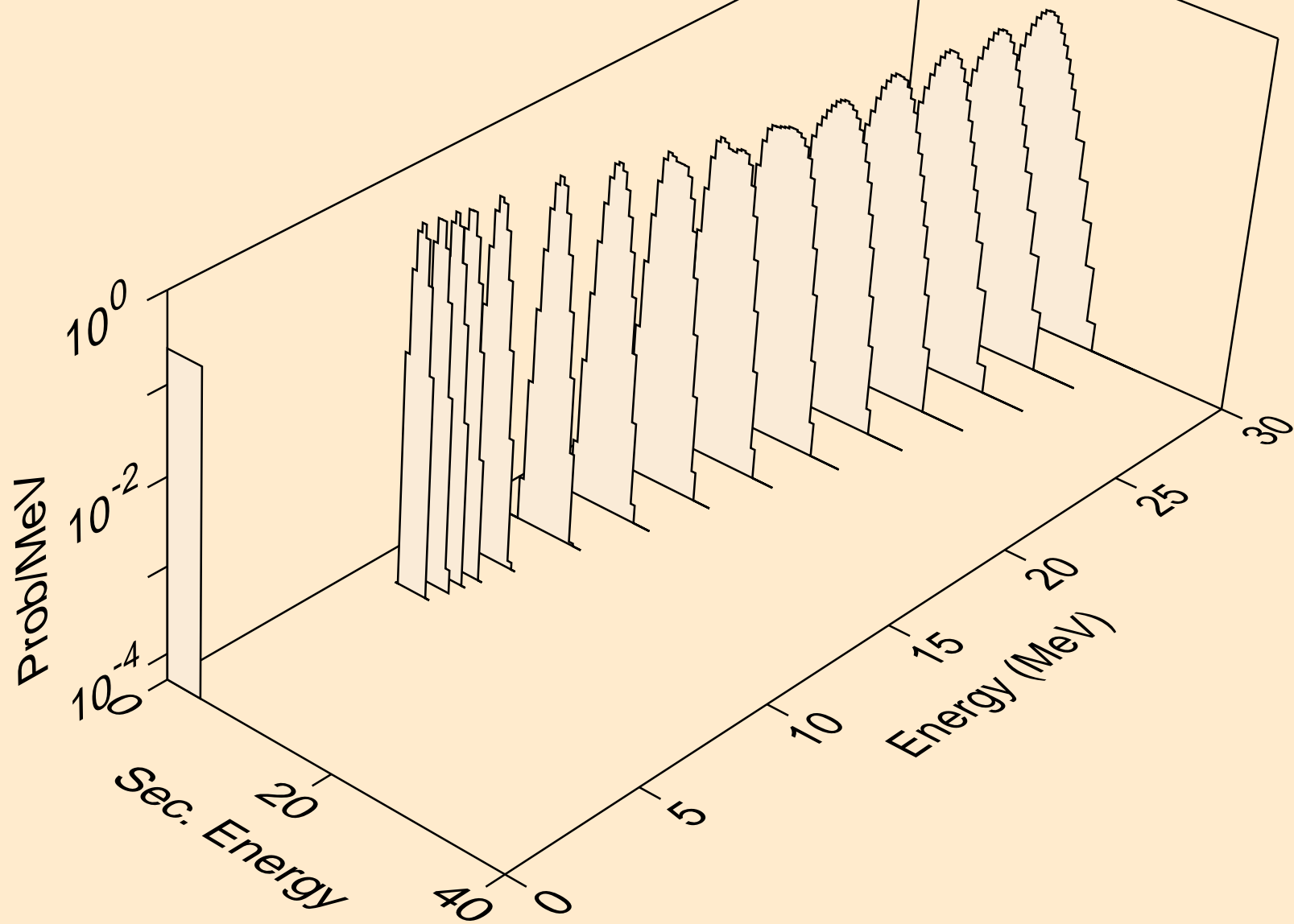
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alphas from (n,n\*)a



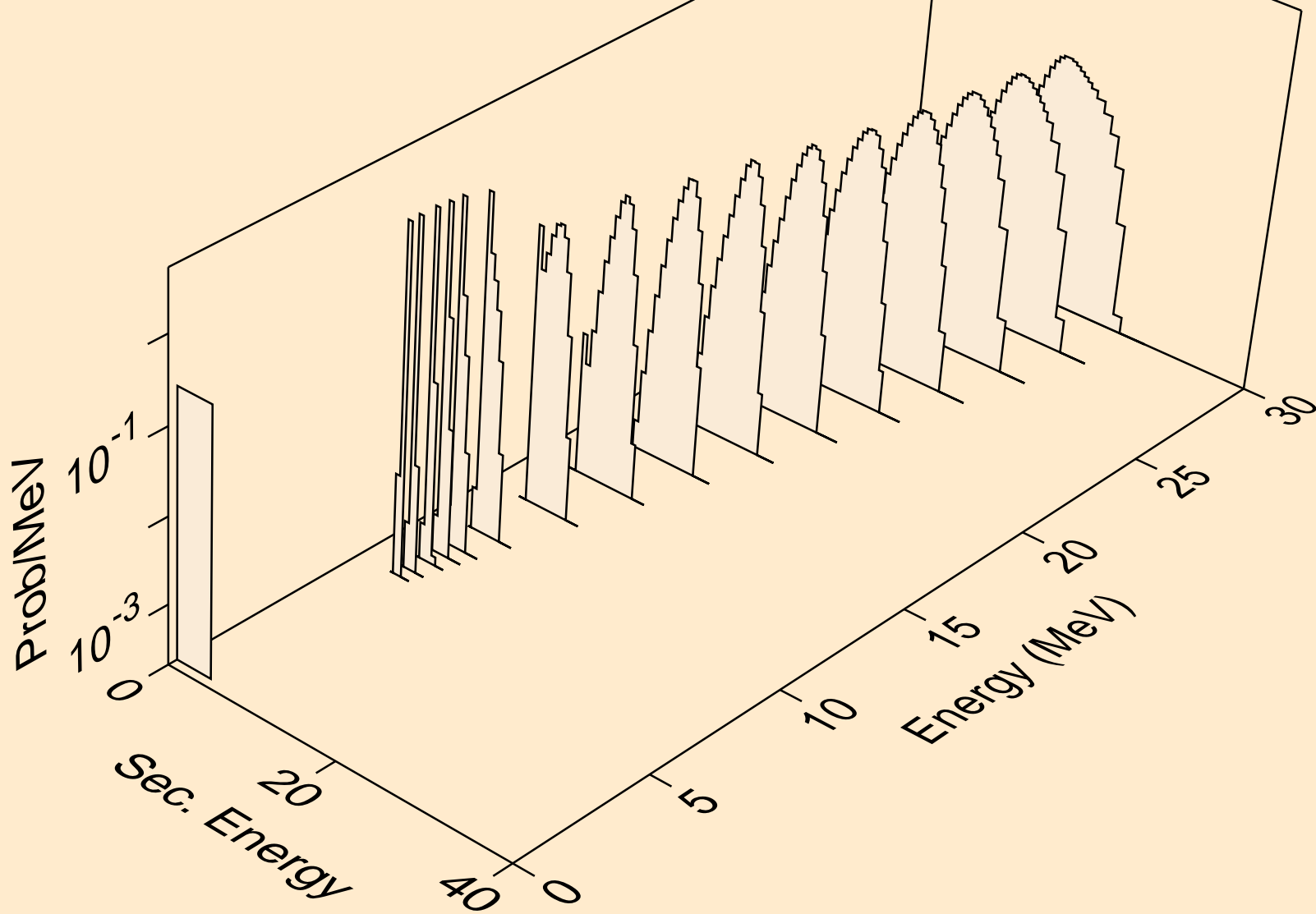
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alphas from (n,2n)a



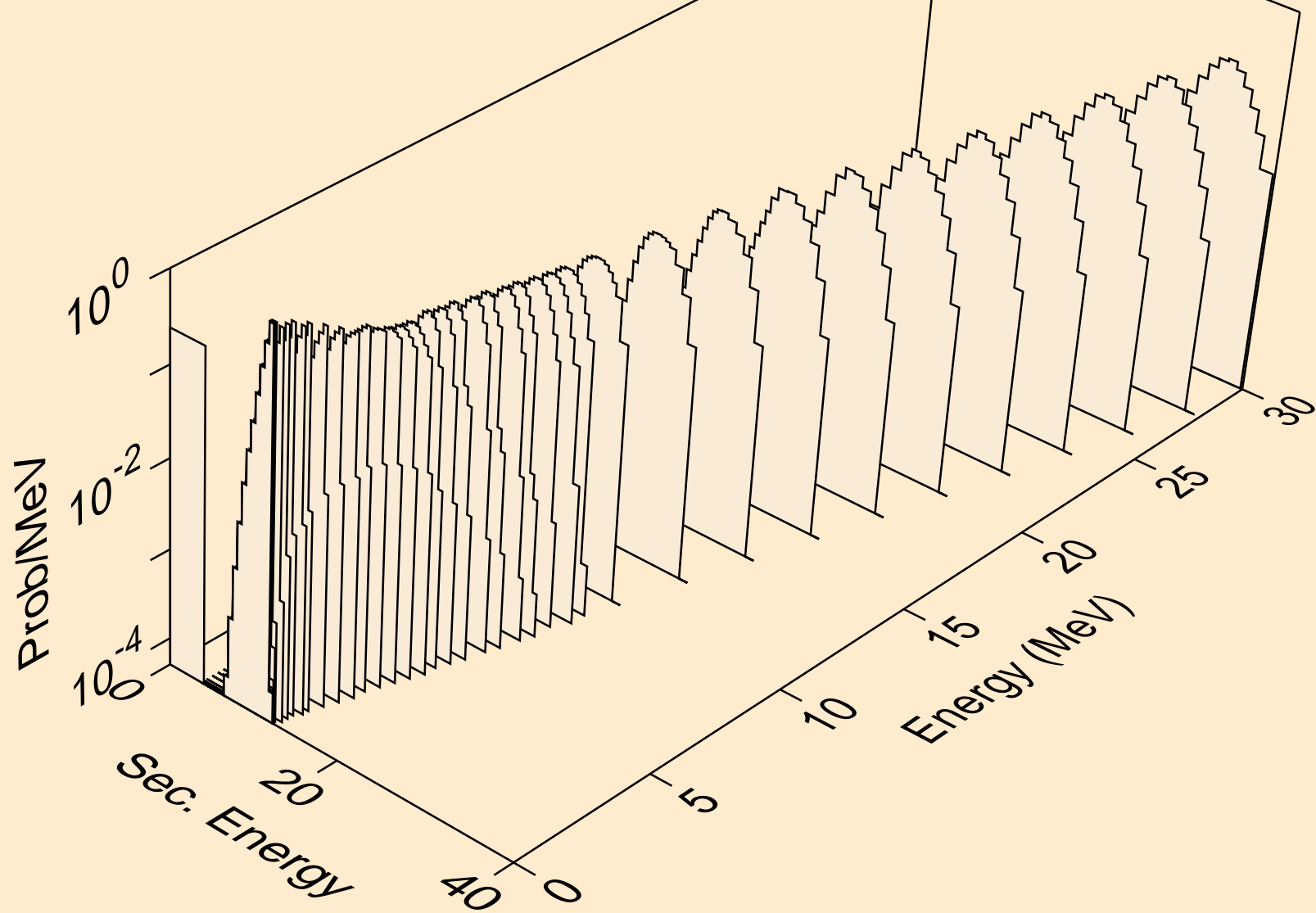
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alphas from (n,n\*)2a



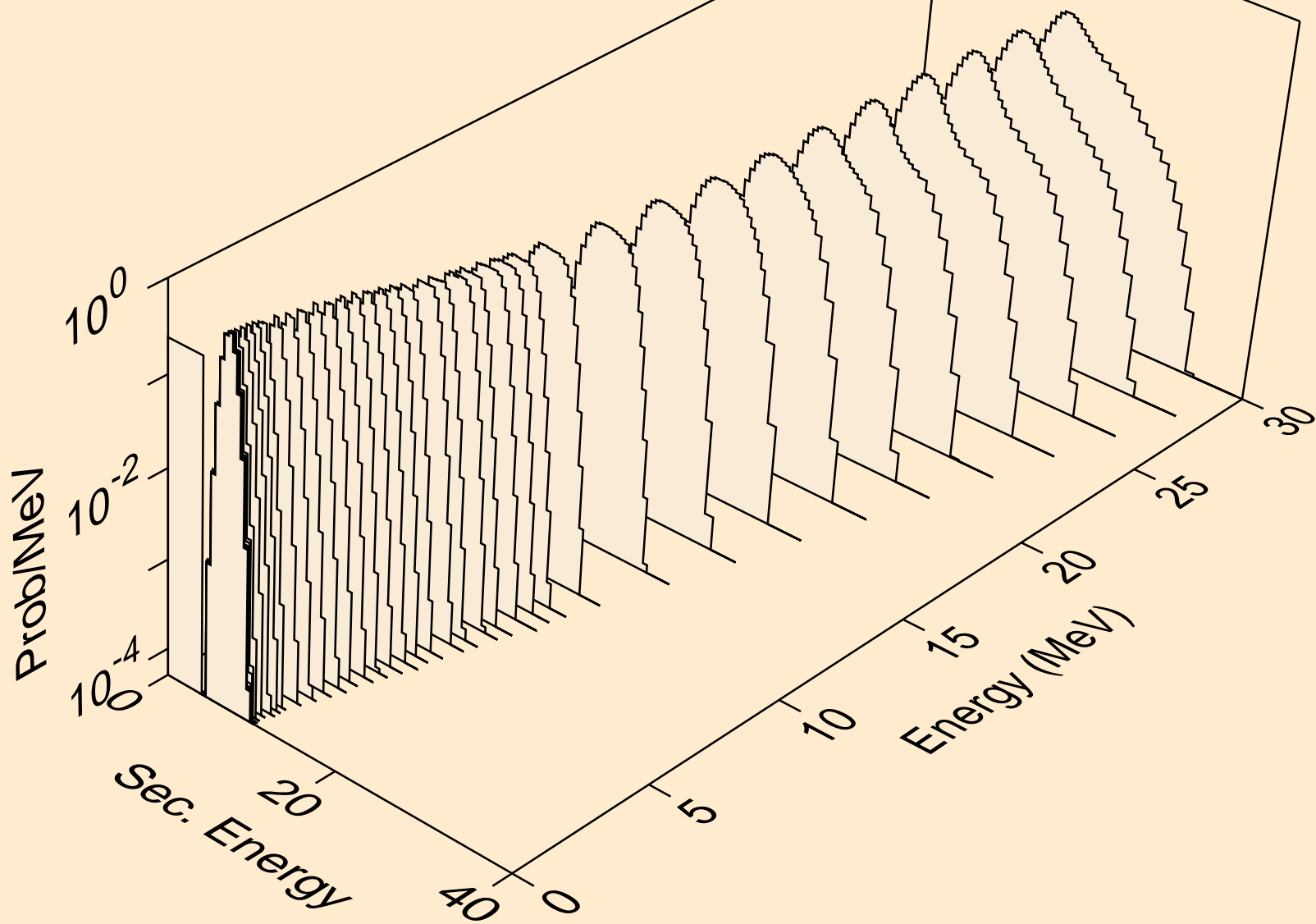
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alphas from (n,npa)



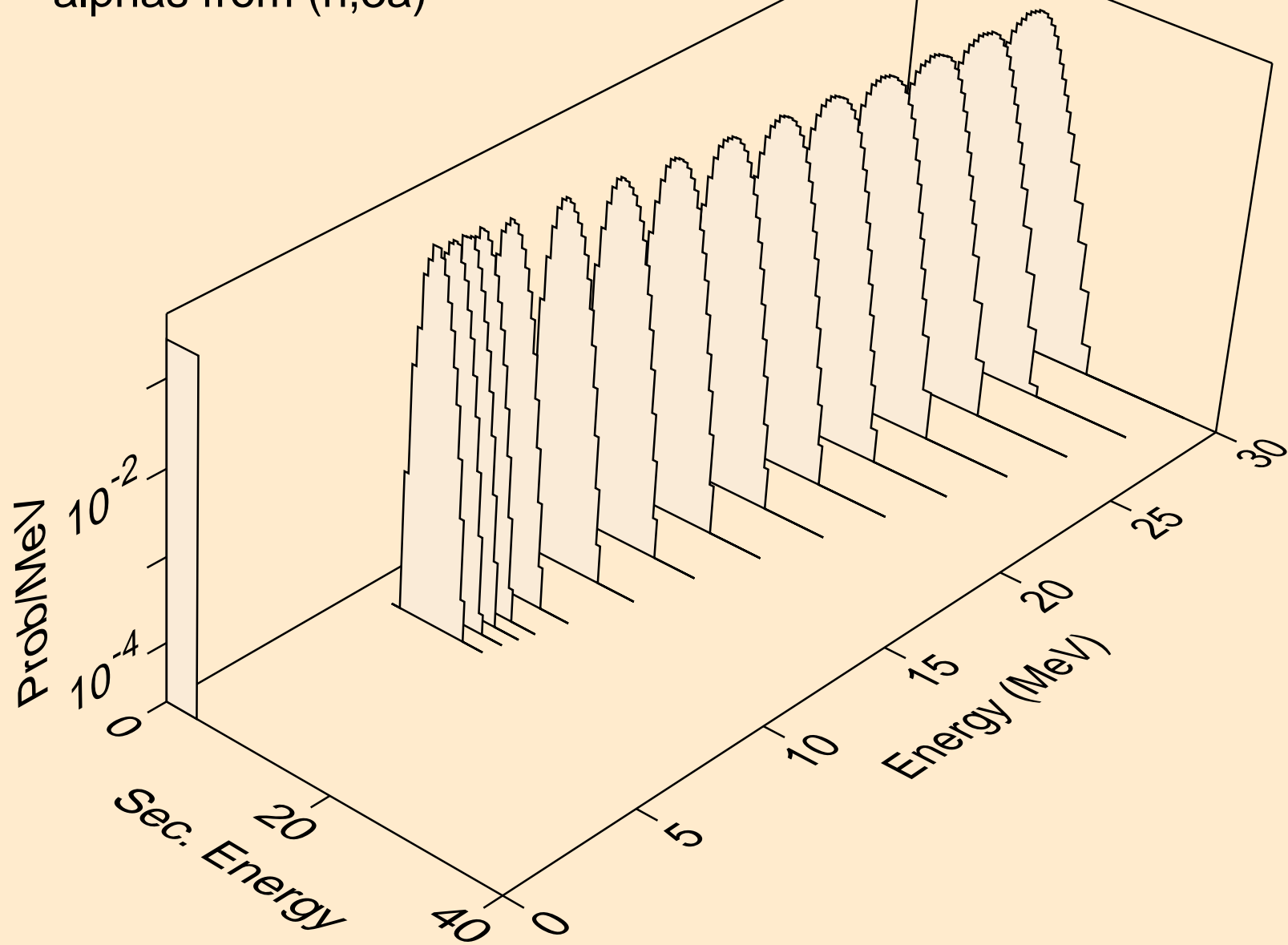
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alphas from (n,a)



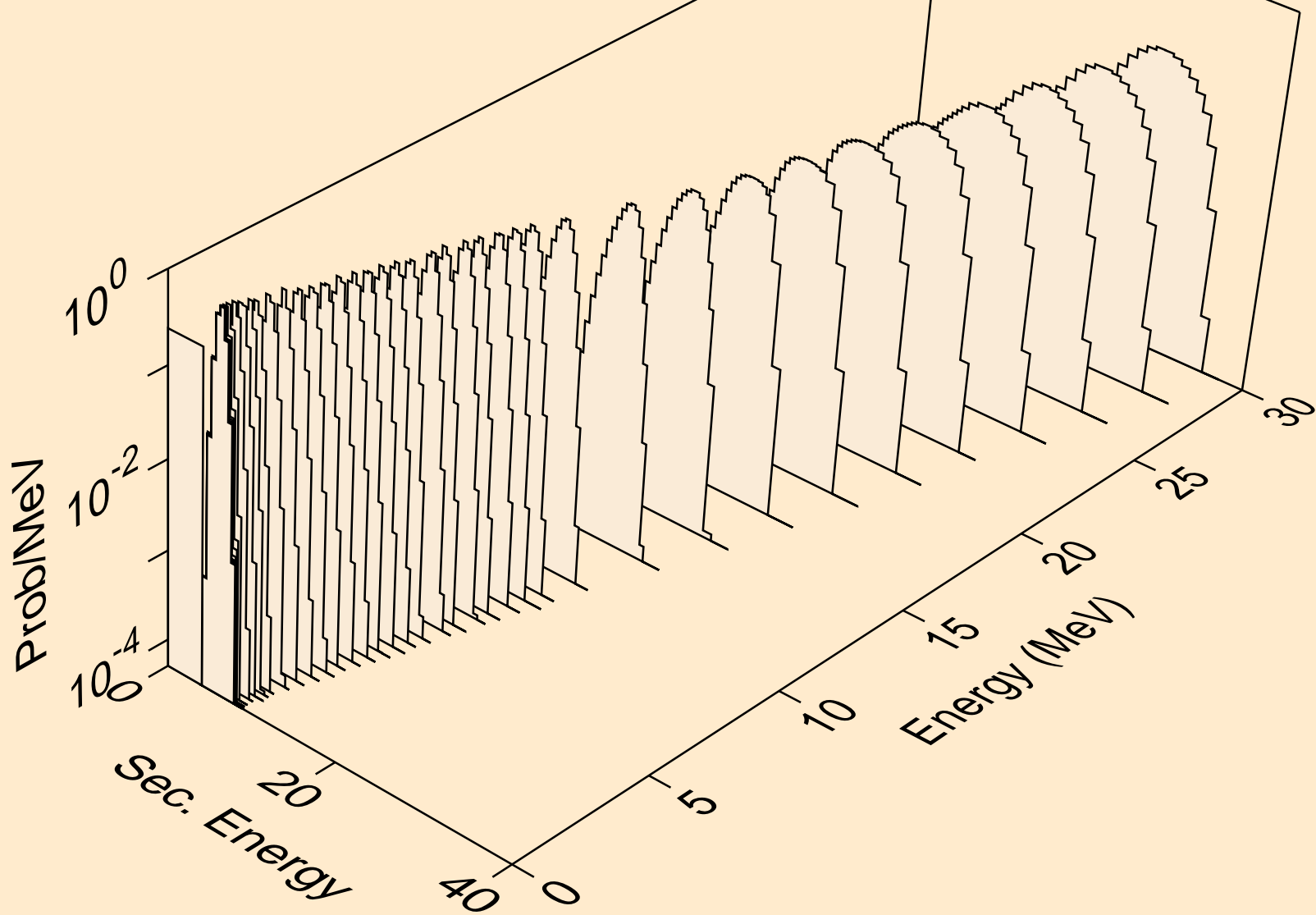
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alphas from (n,2a)



SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



SM132 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

