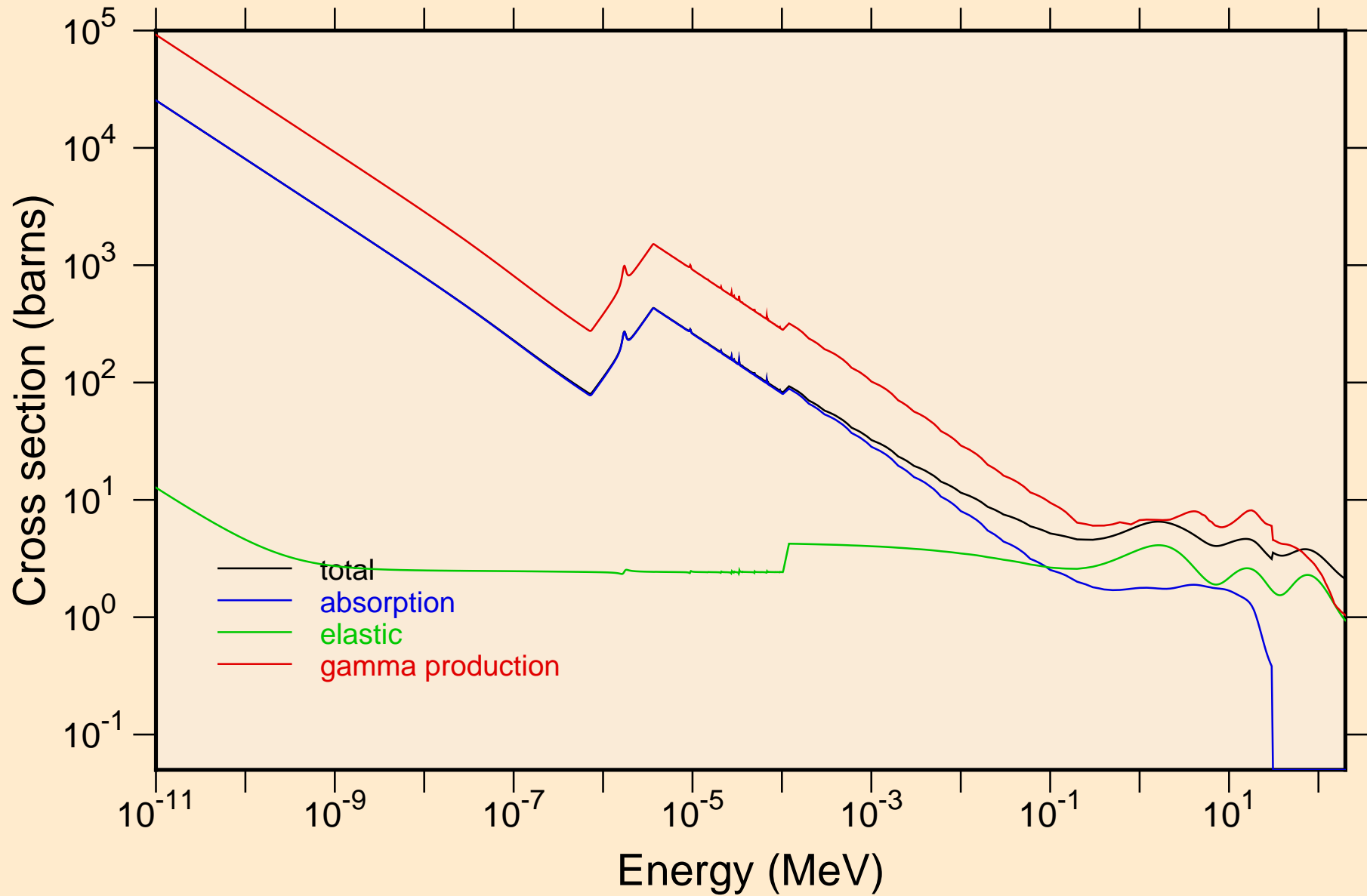
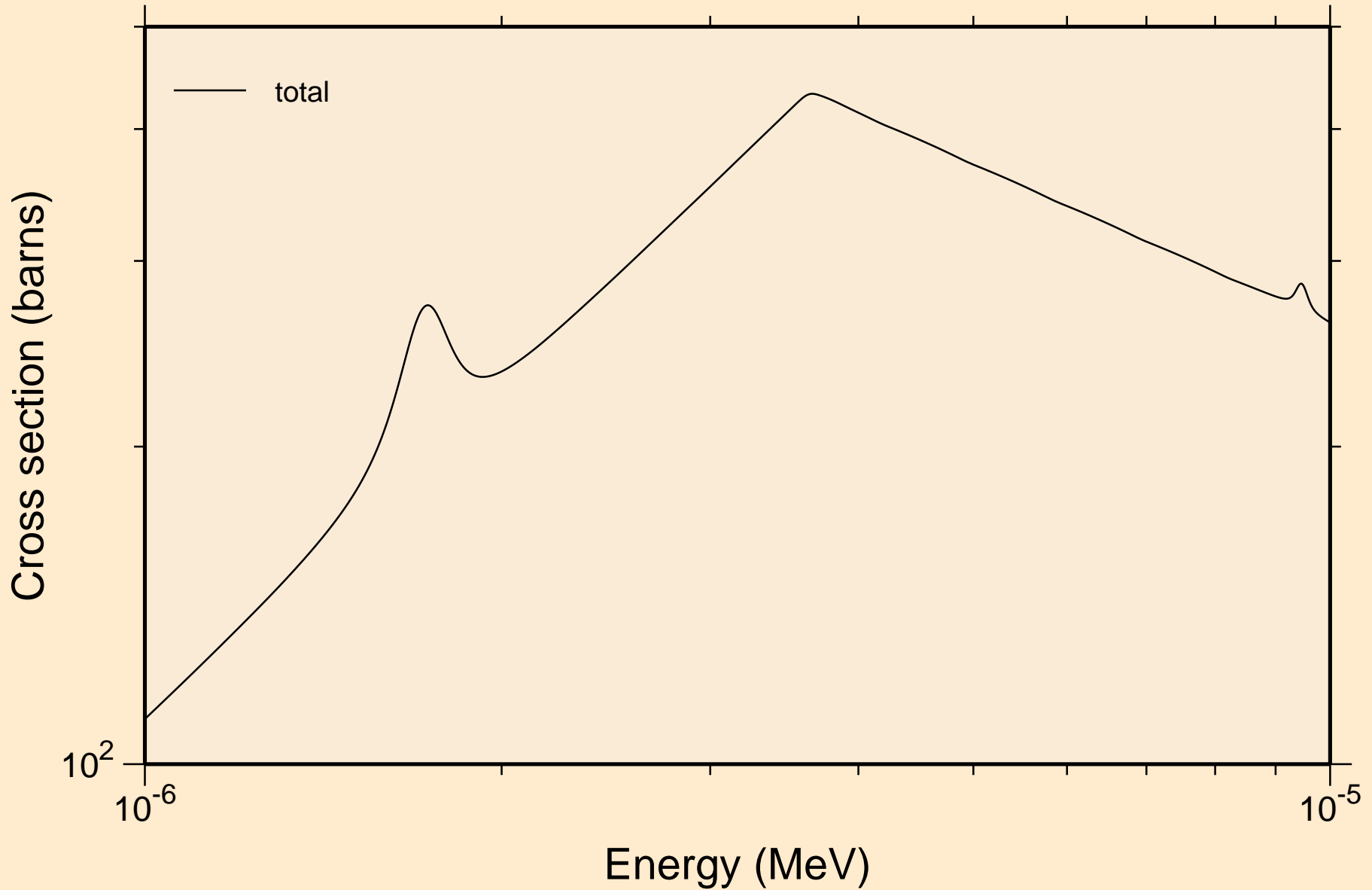


# ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

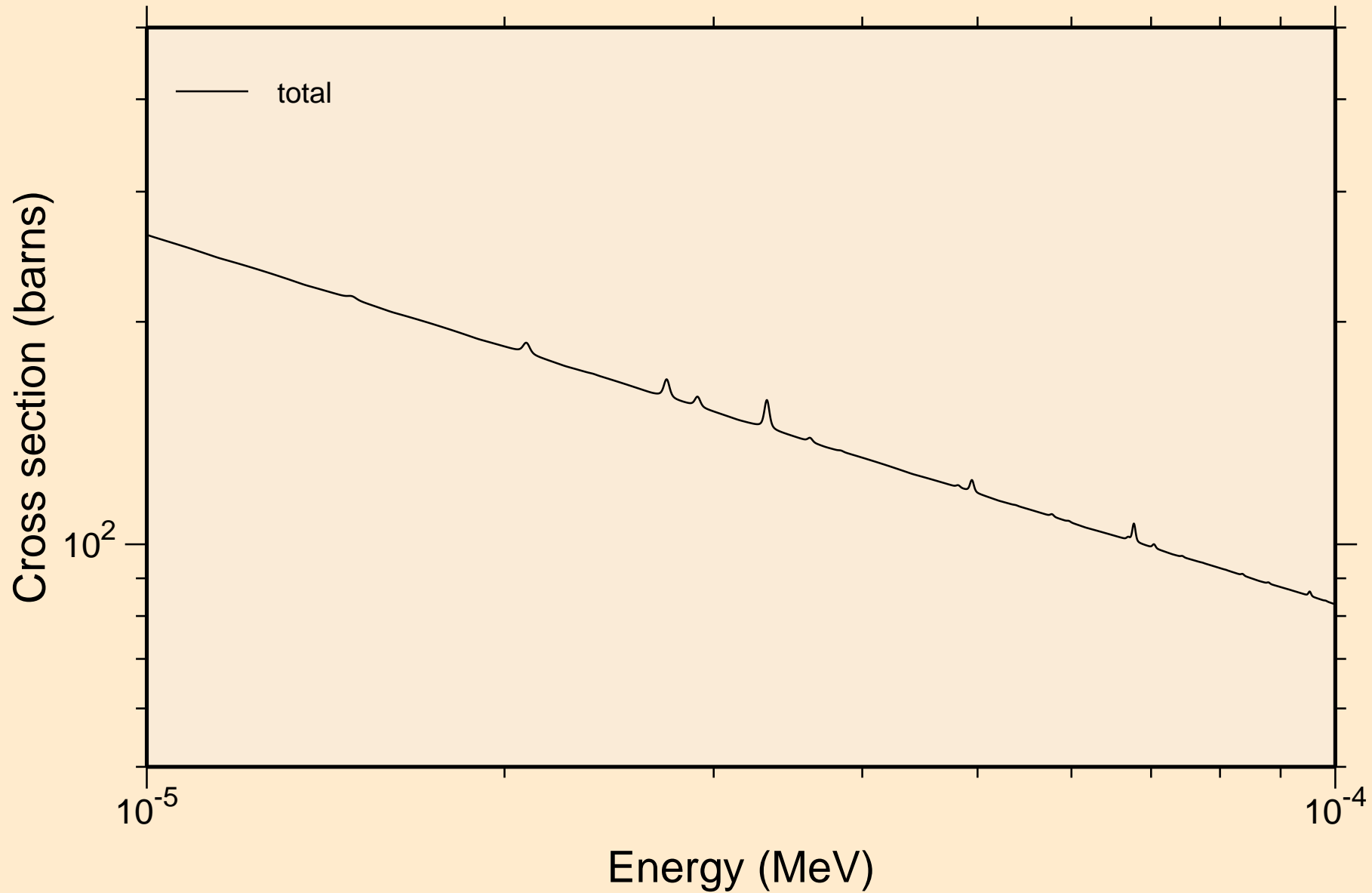
## Principal cross sections



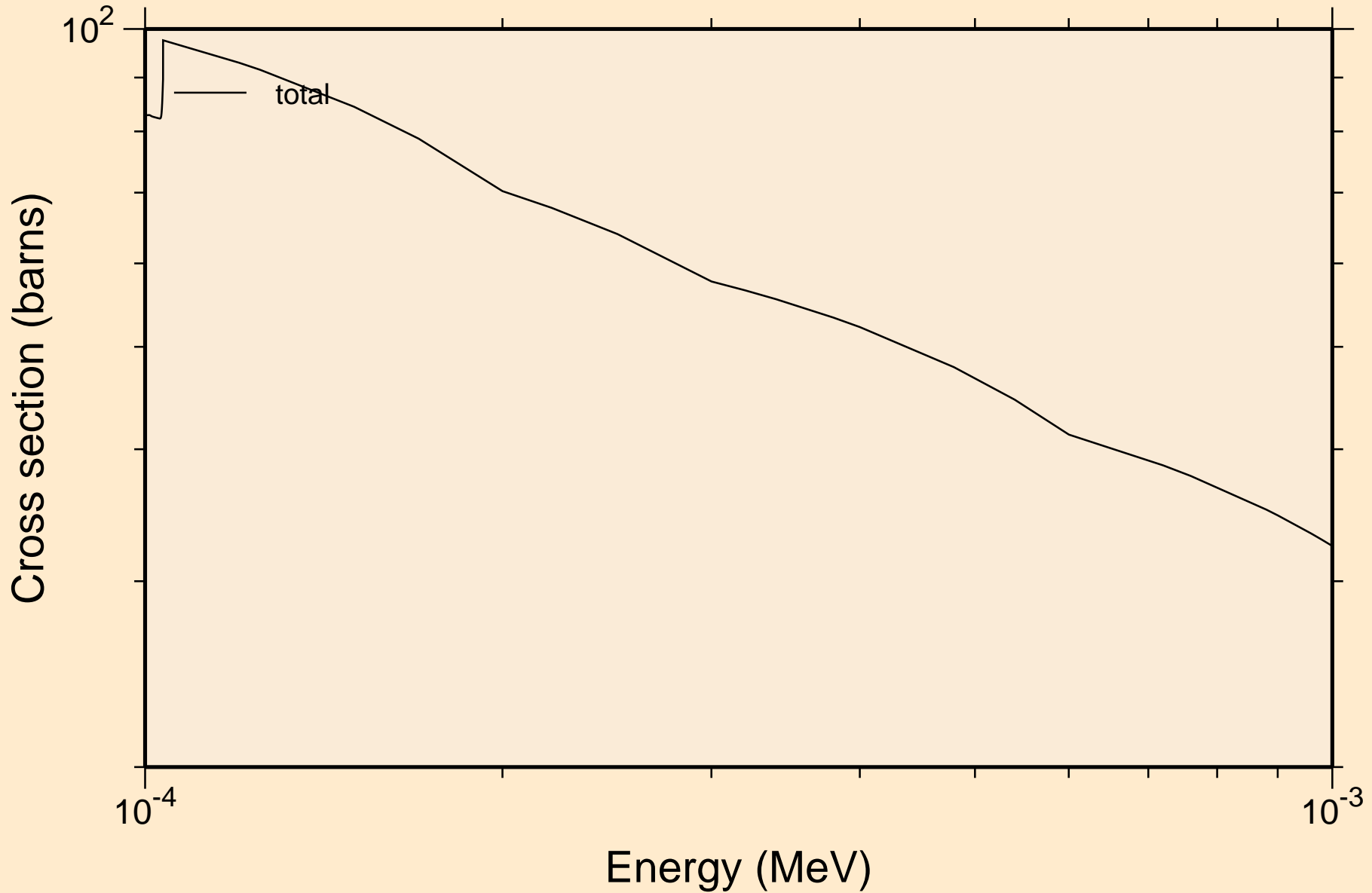
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



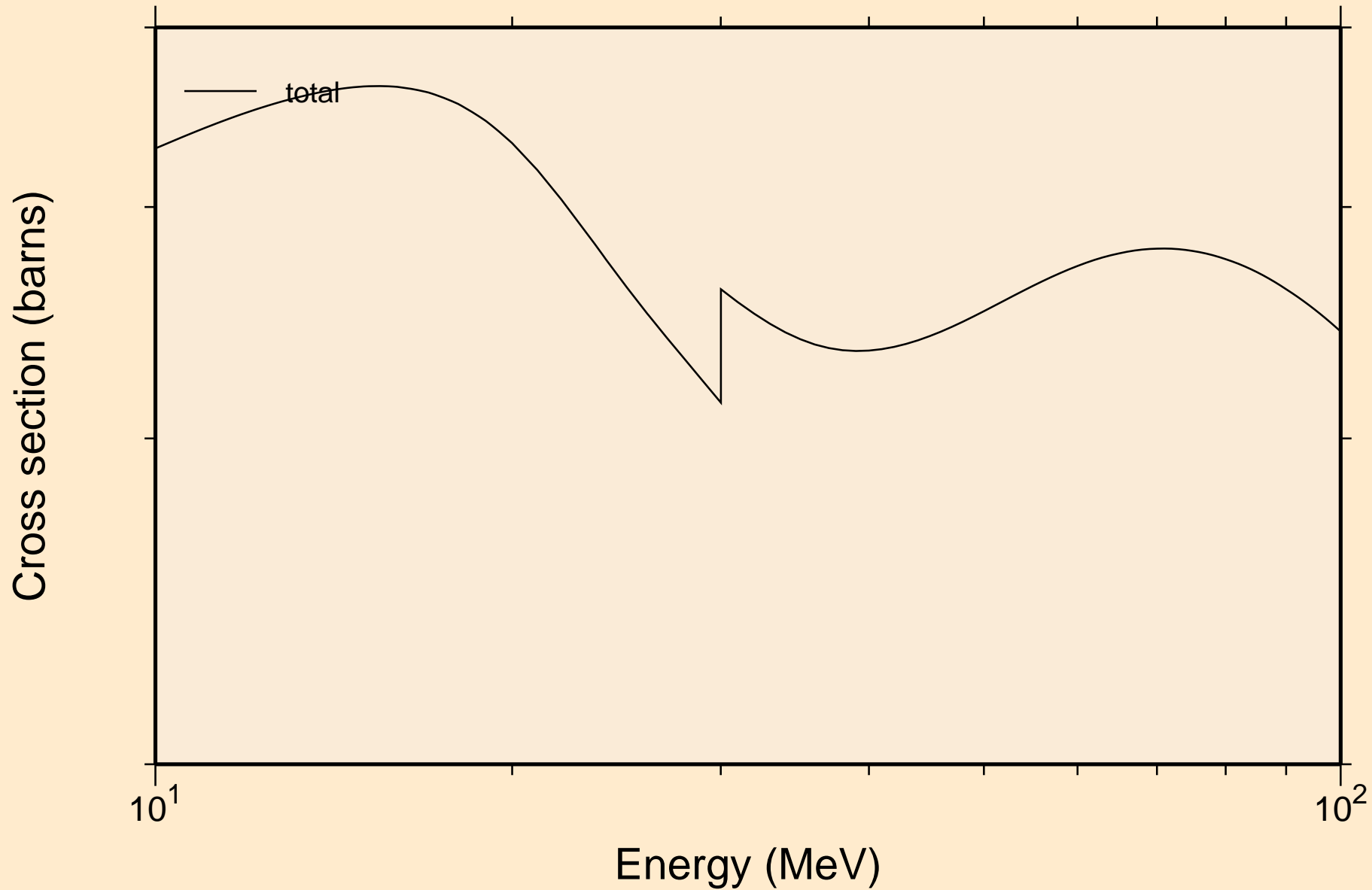
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resonance total cross section



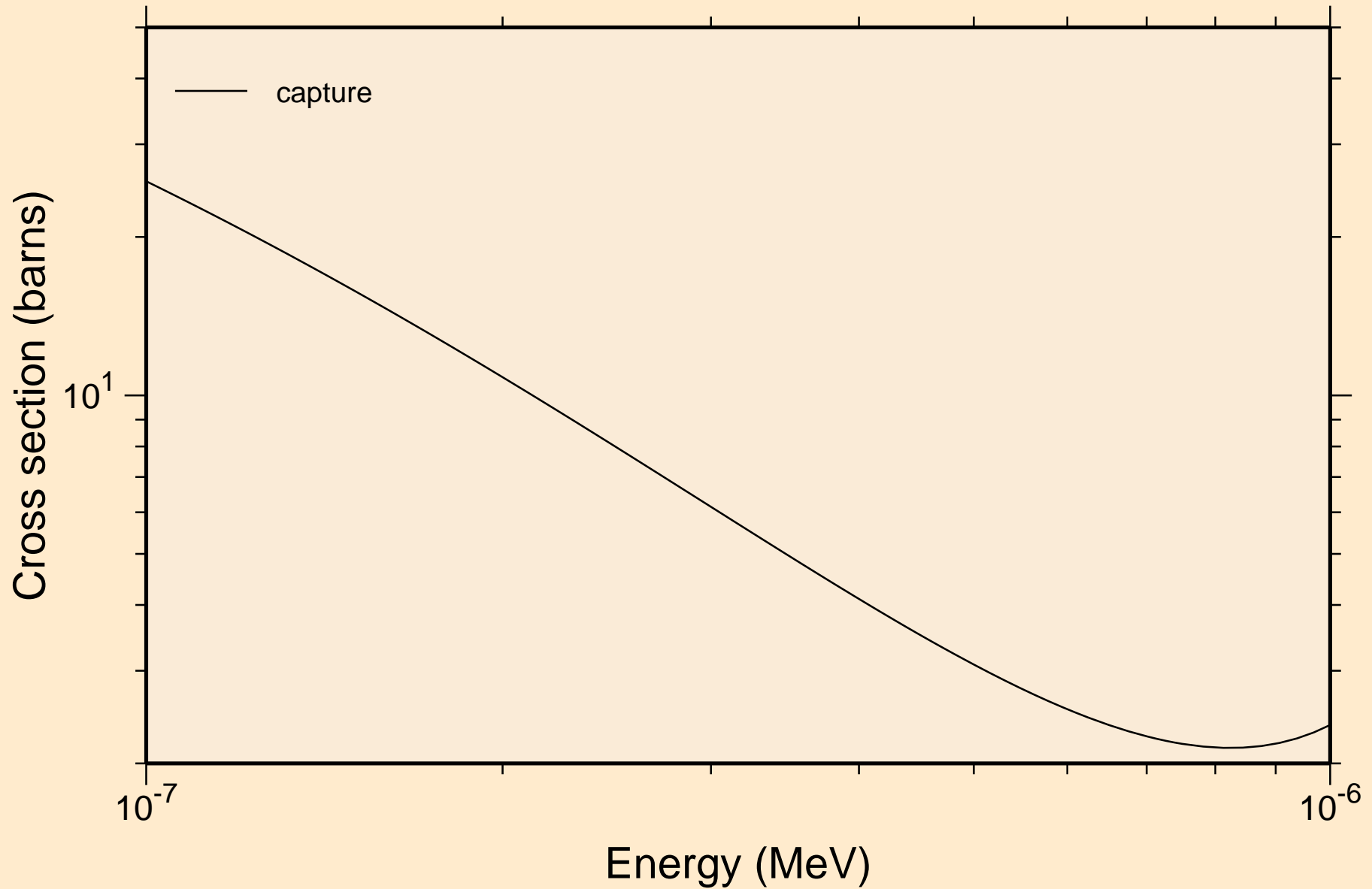
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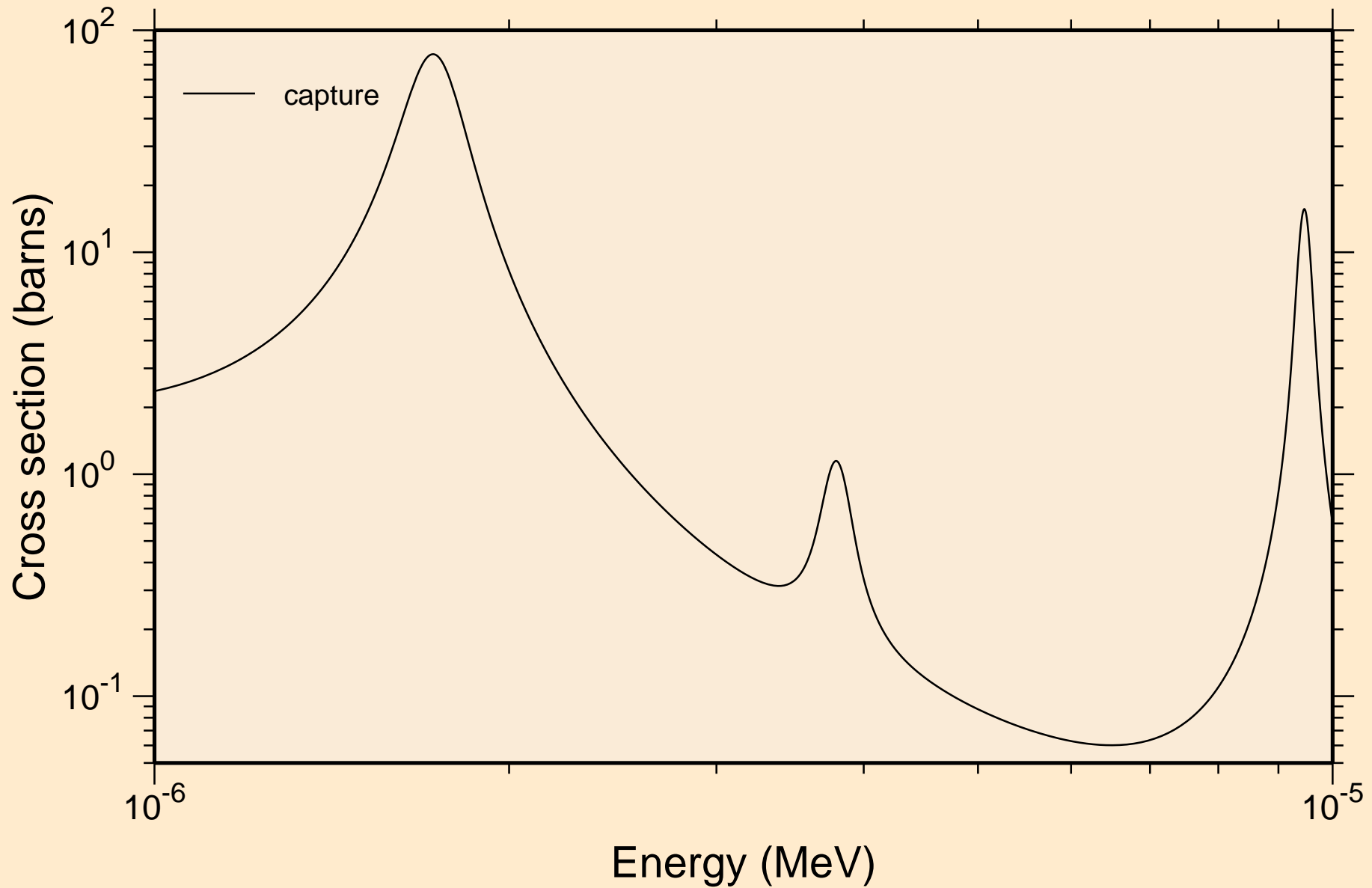
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resonance total cross section



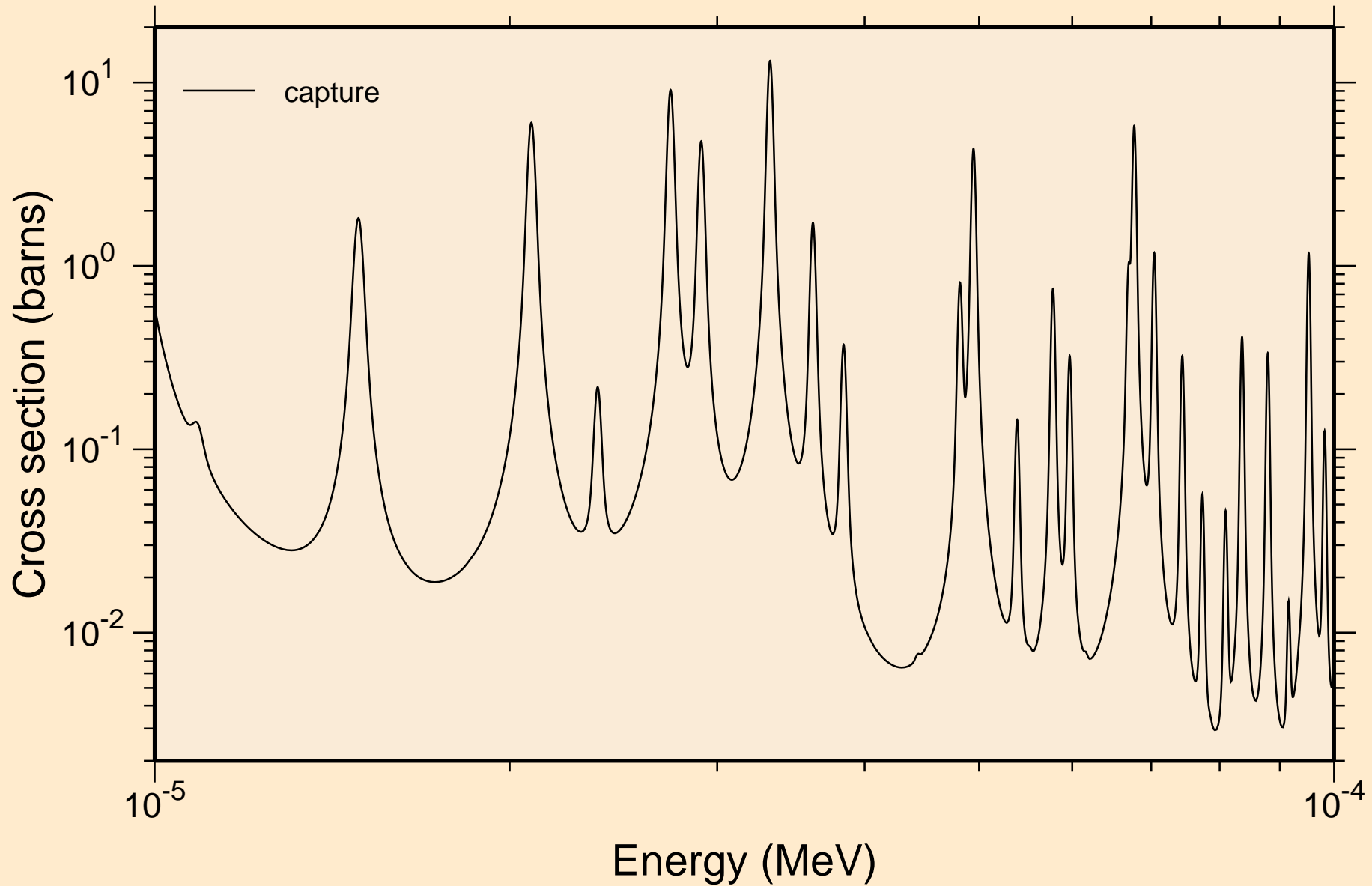
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



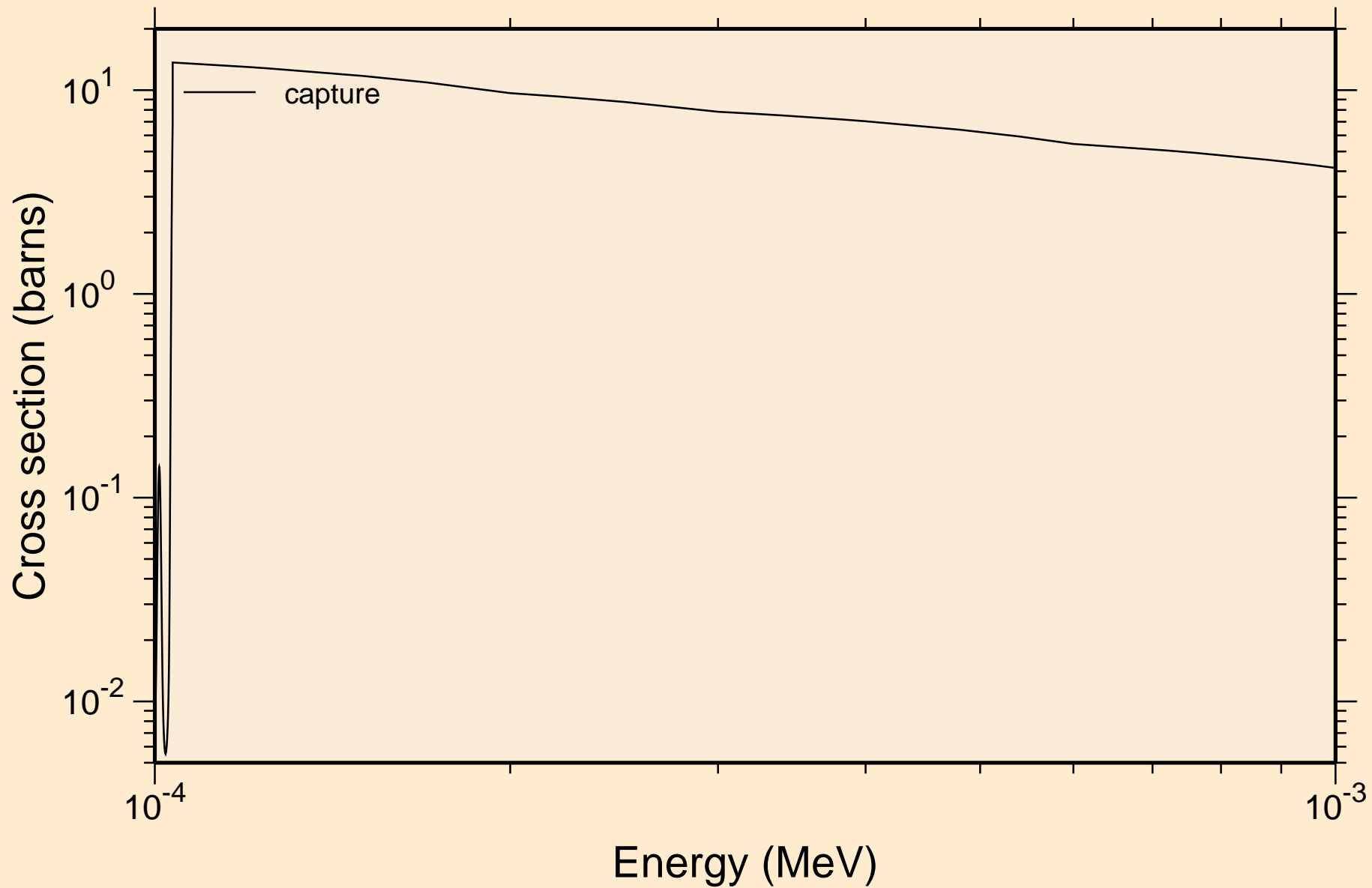
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



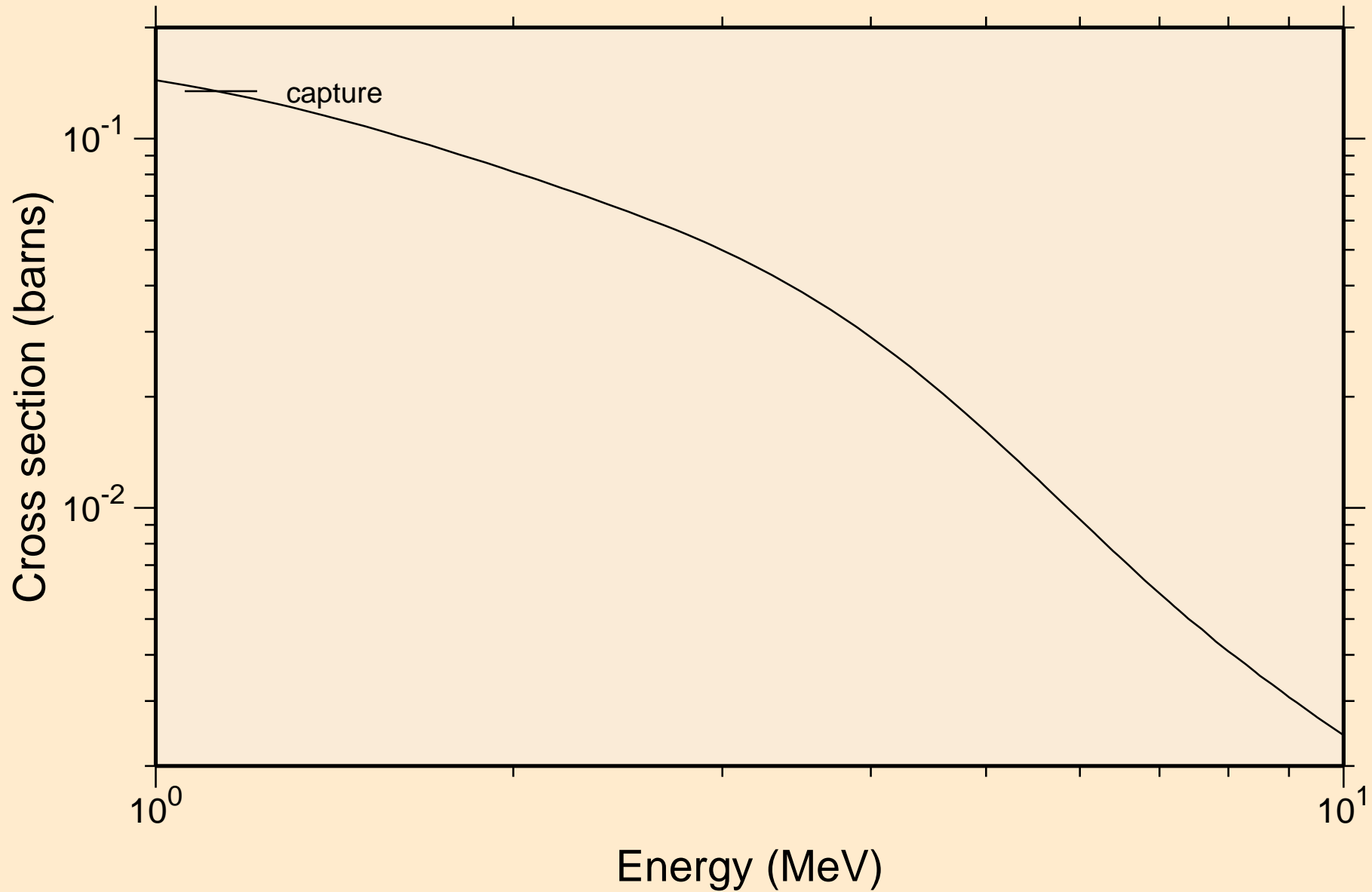
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resonance absorption cross sections



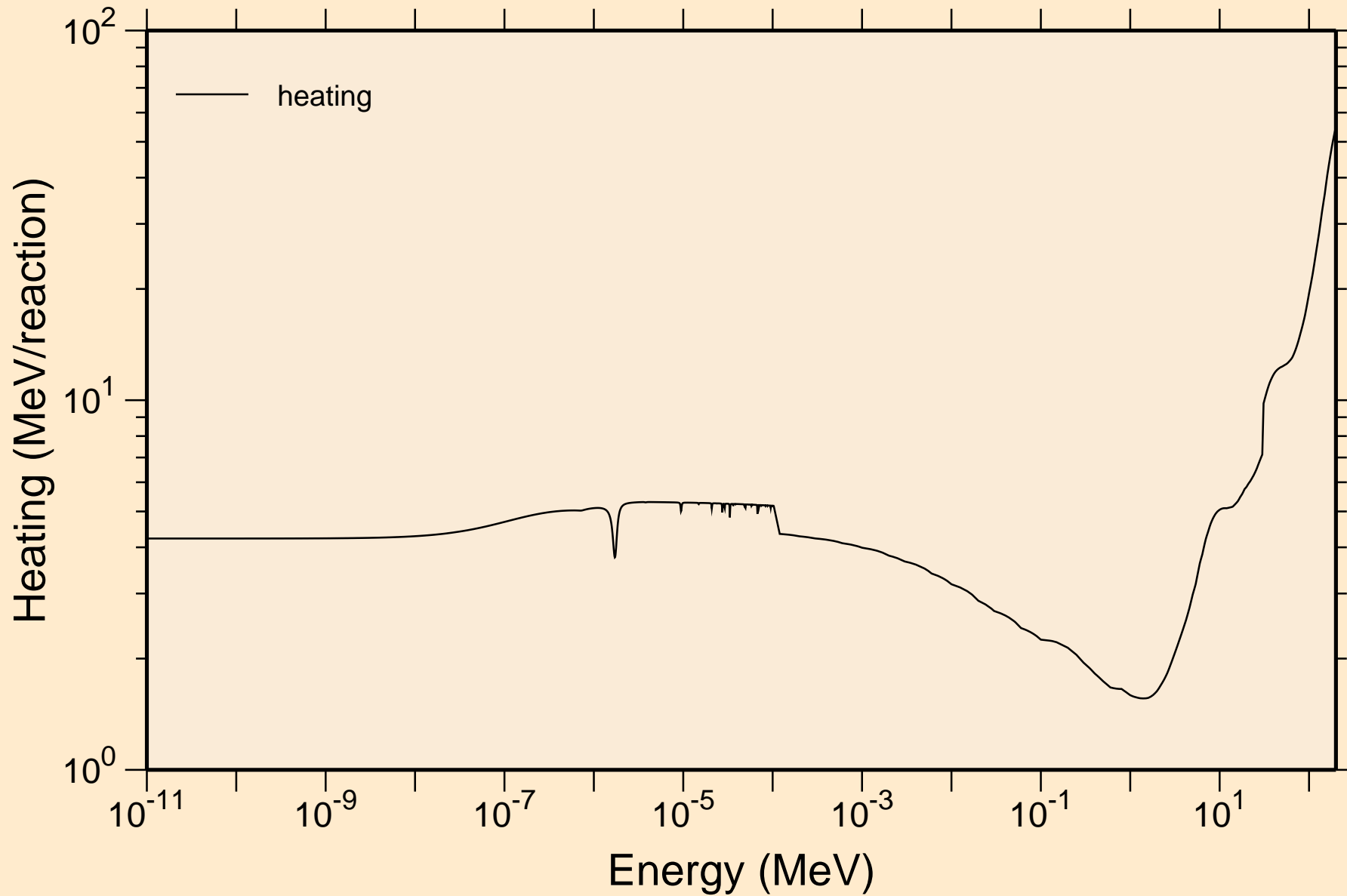
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



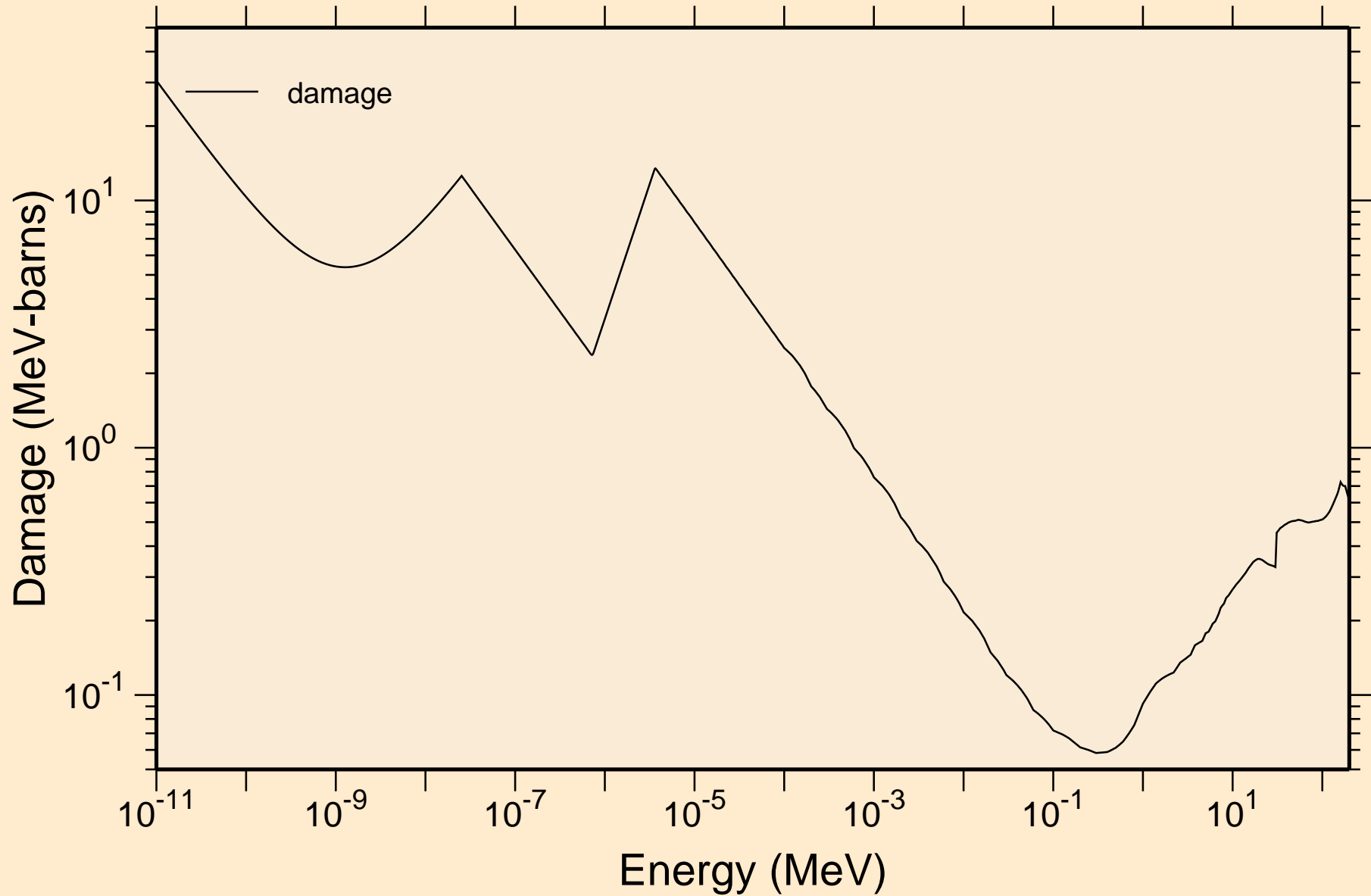
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

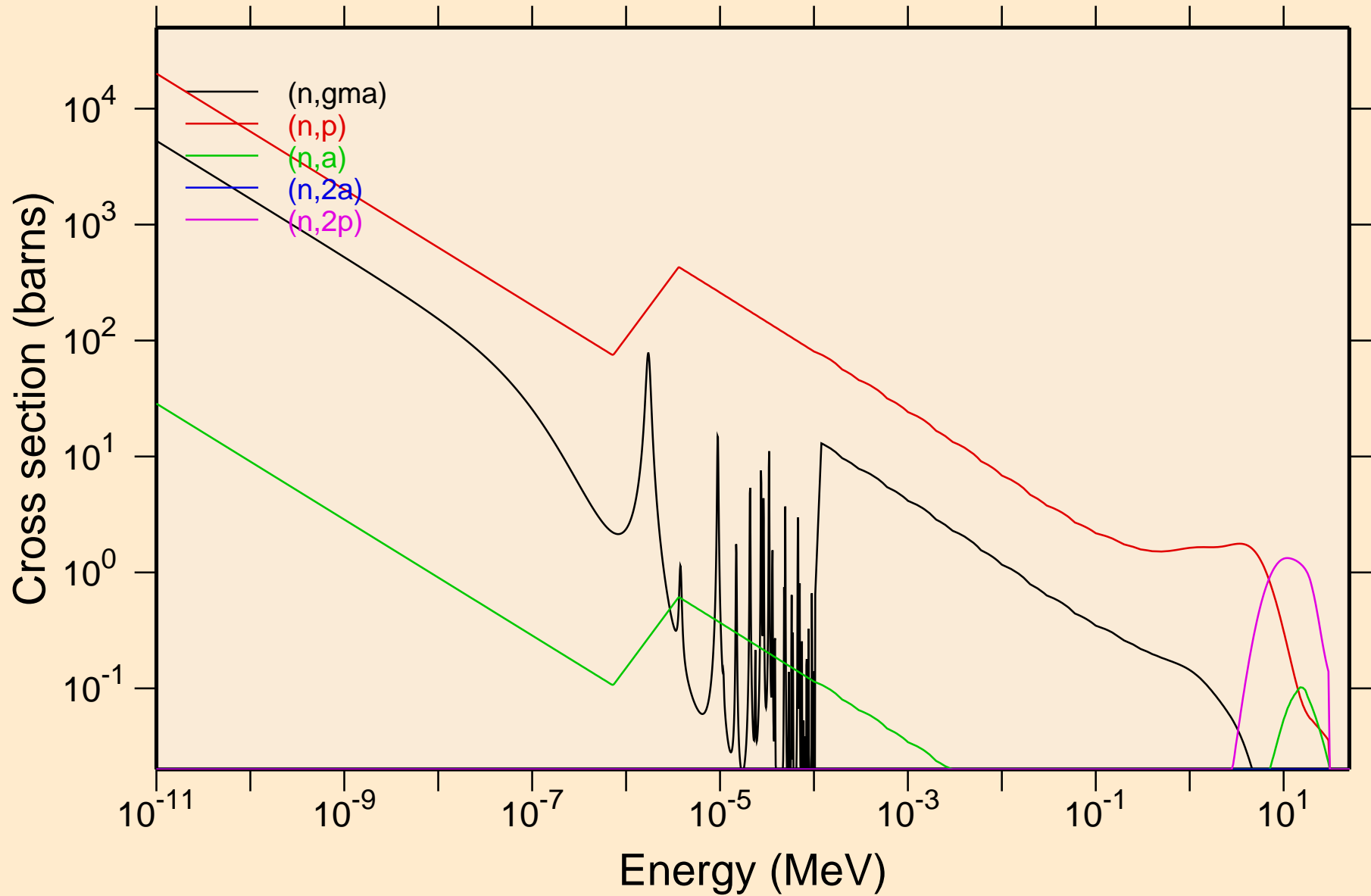


ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

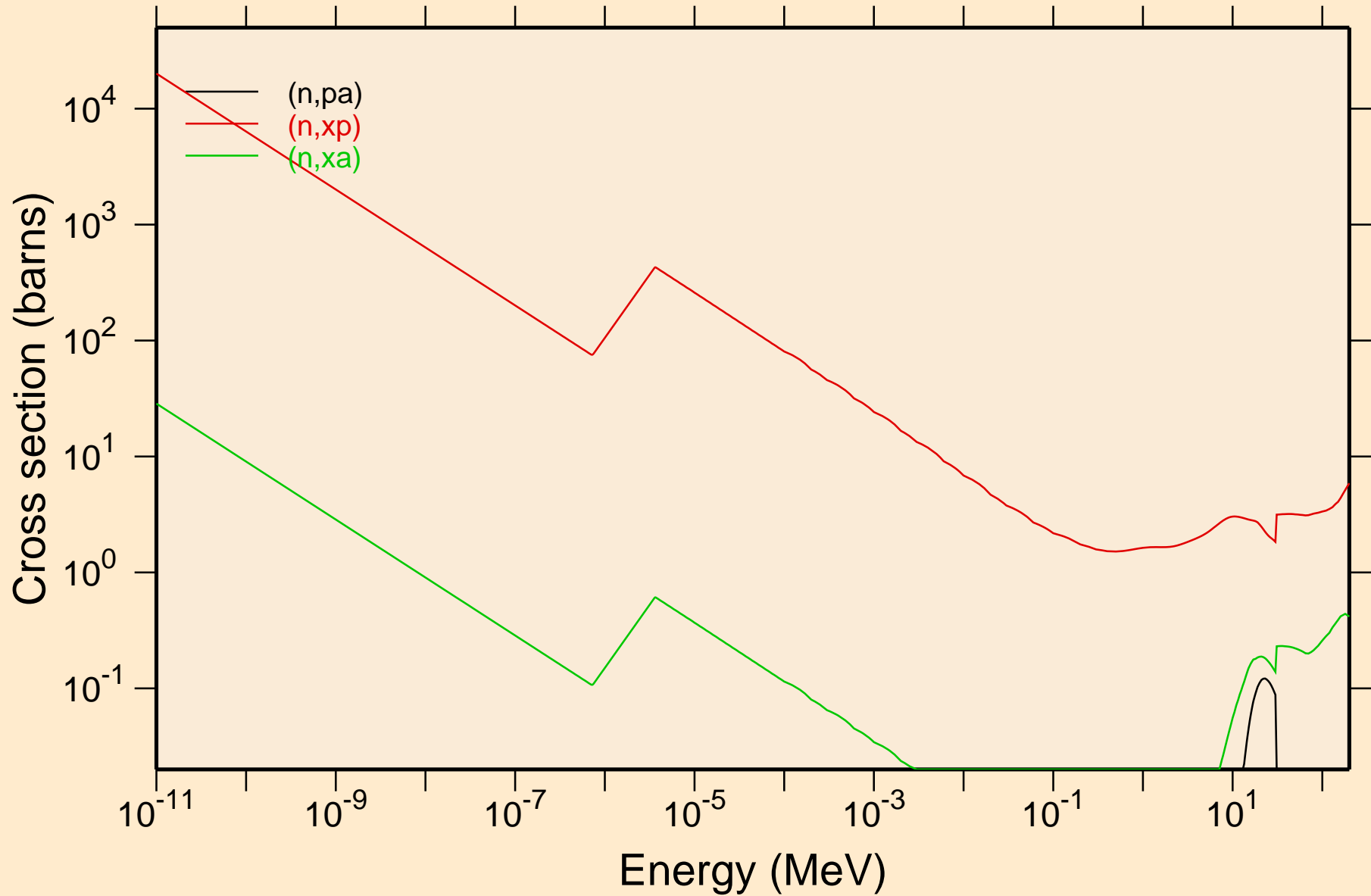


# ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Non-threshold reactions

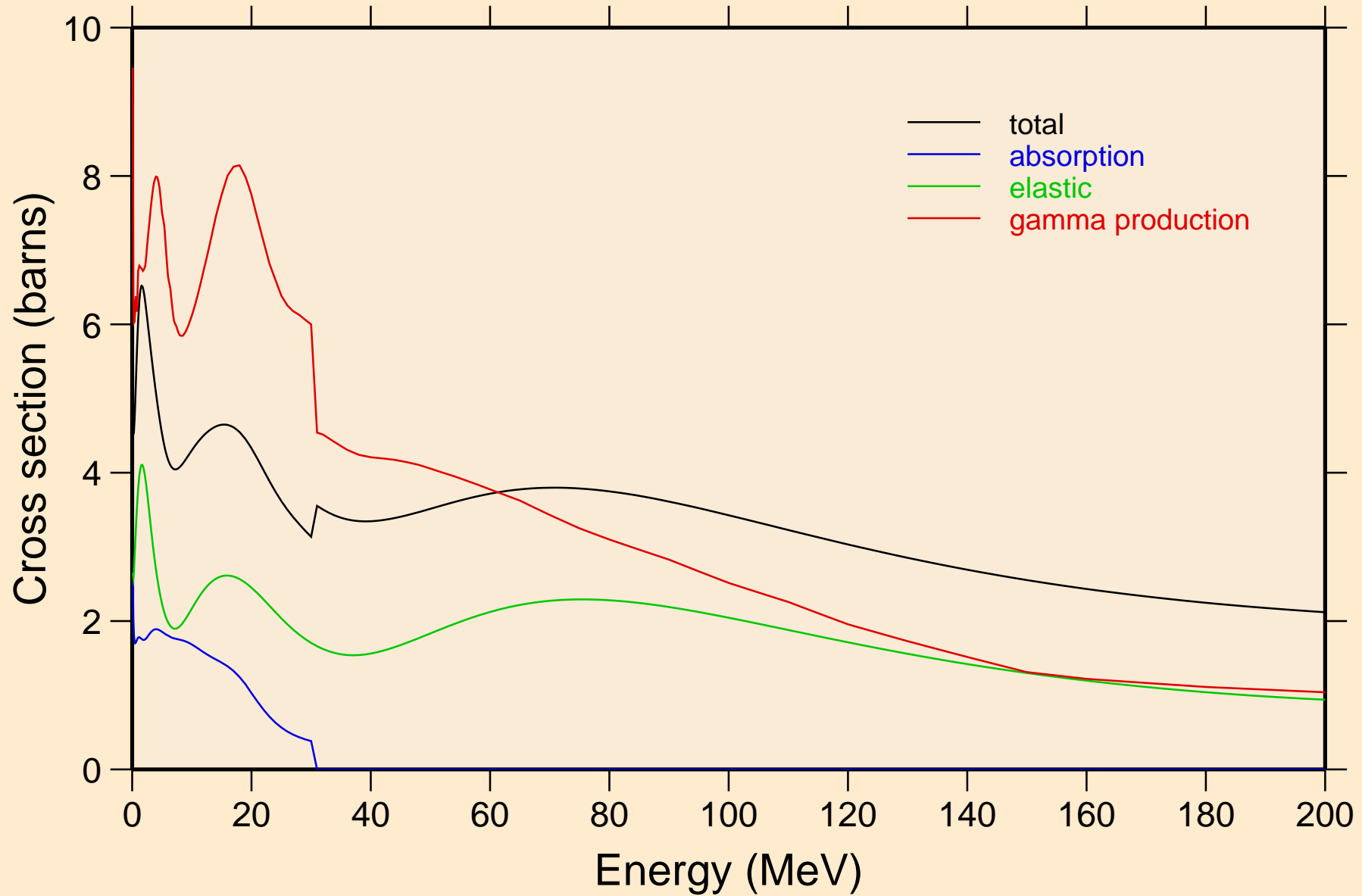


ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

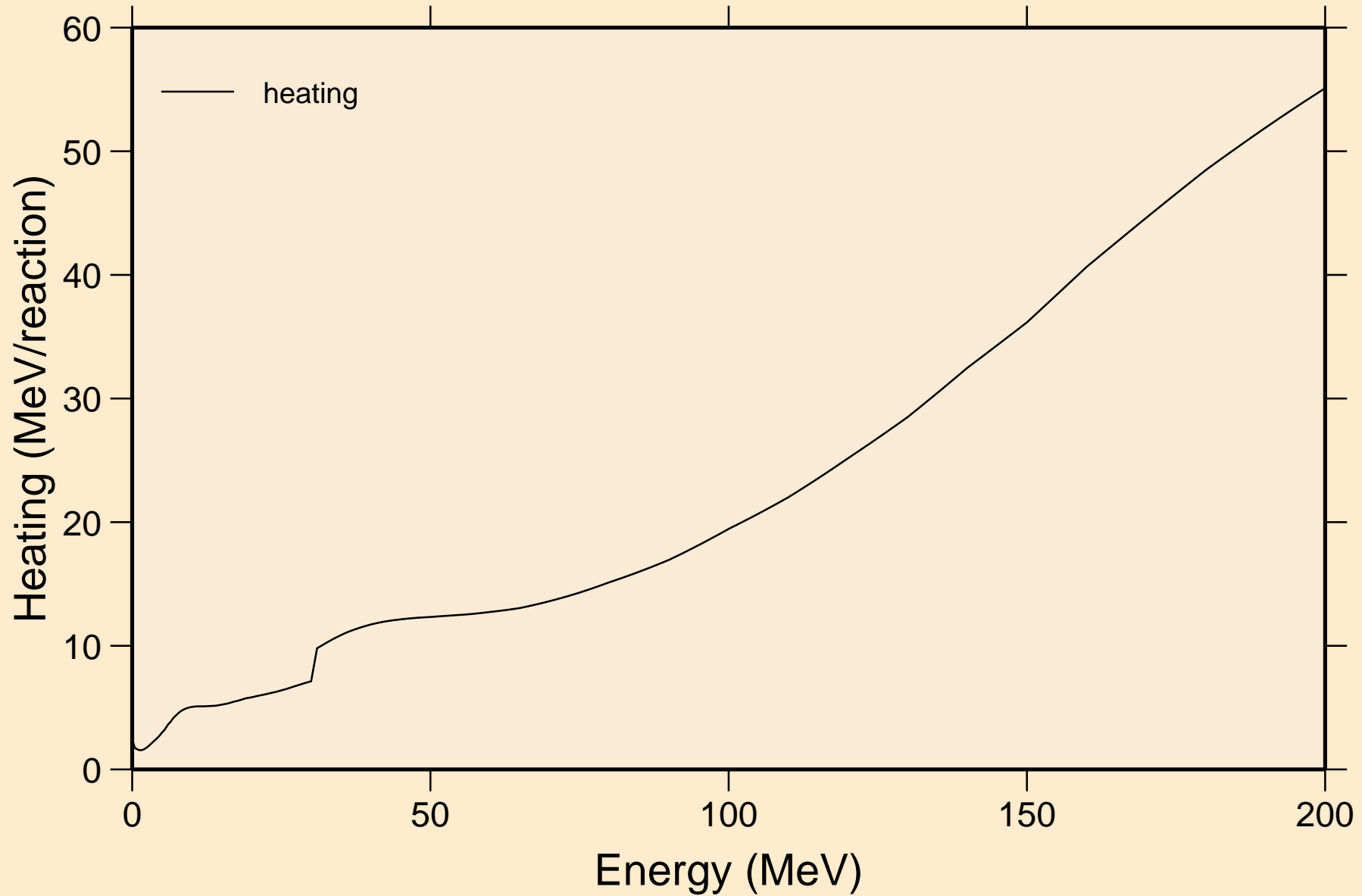


# ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Principal cross sections

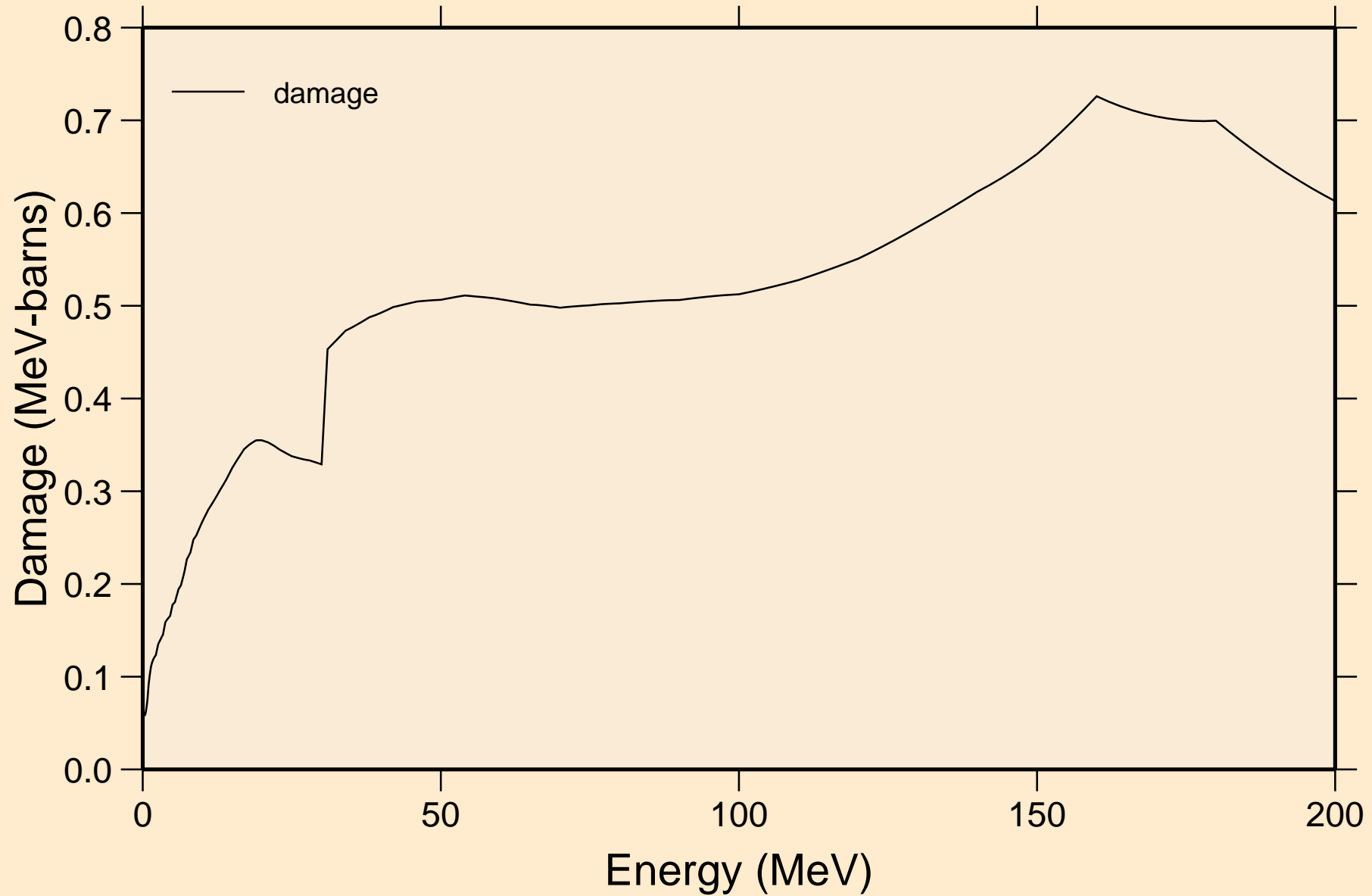


ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

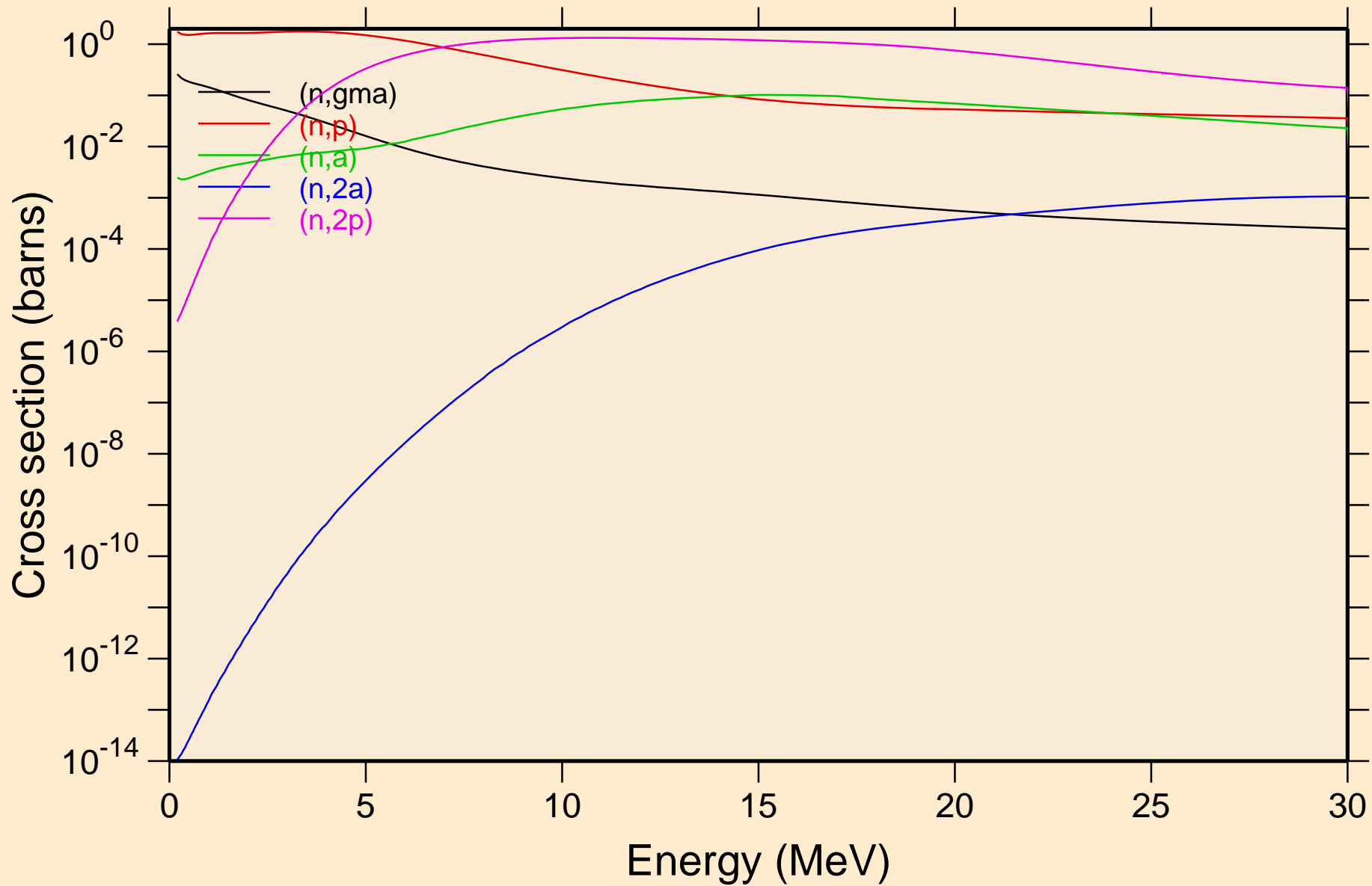


# ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Damage

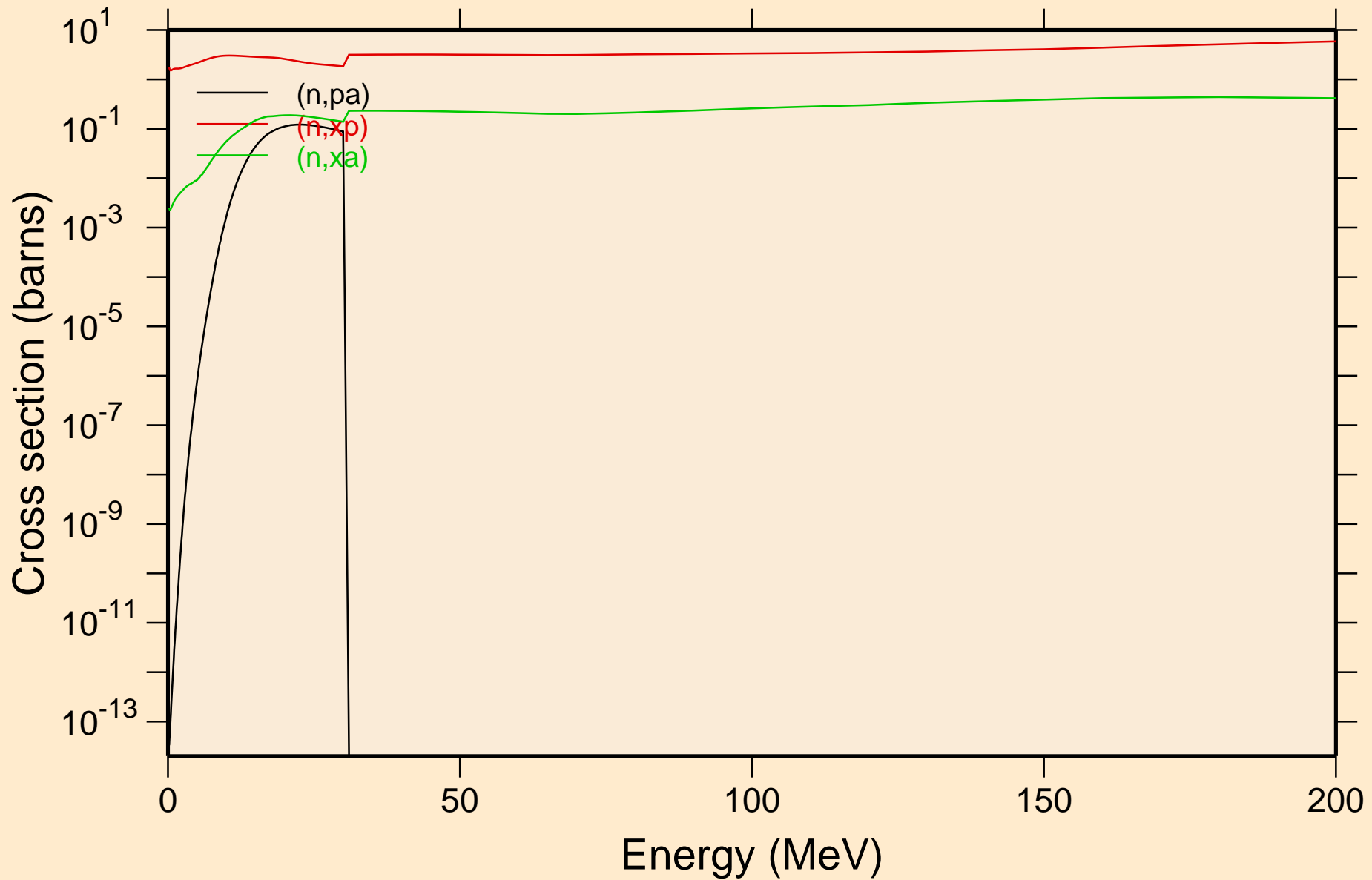


ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

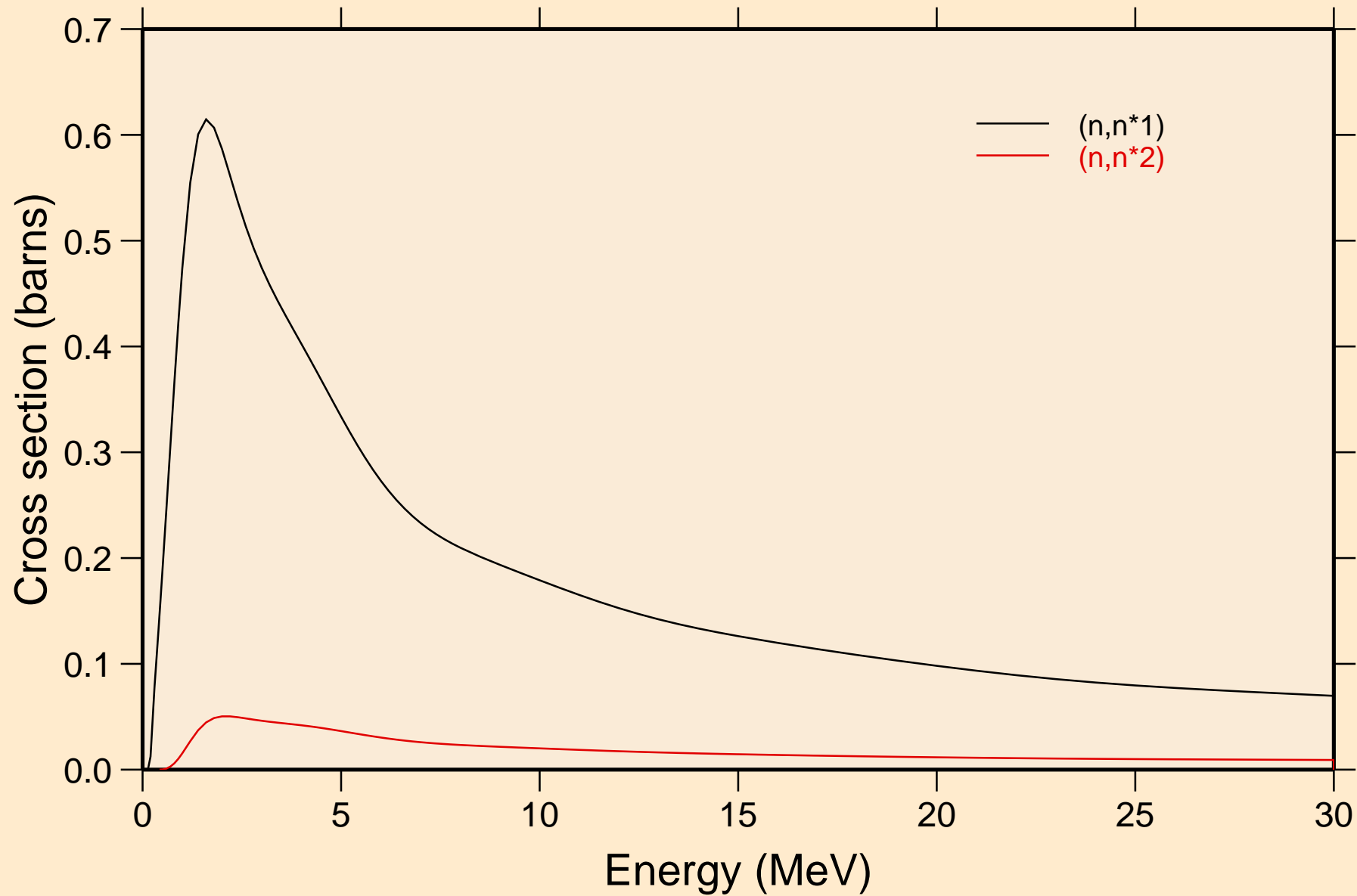


# ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Non-threshold reactions

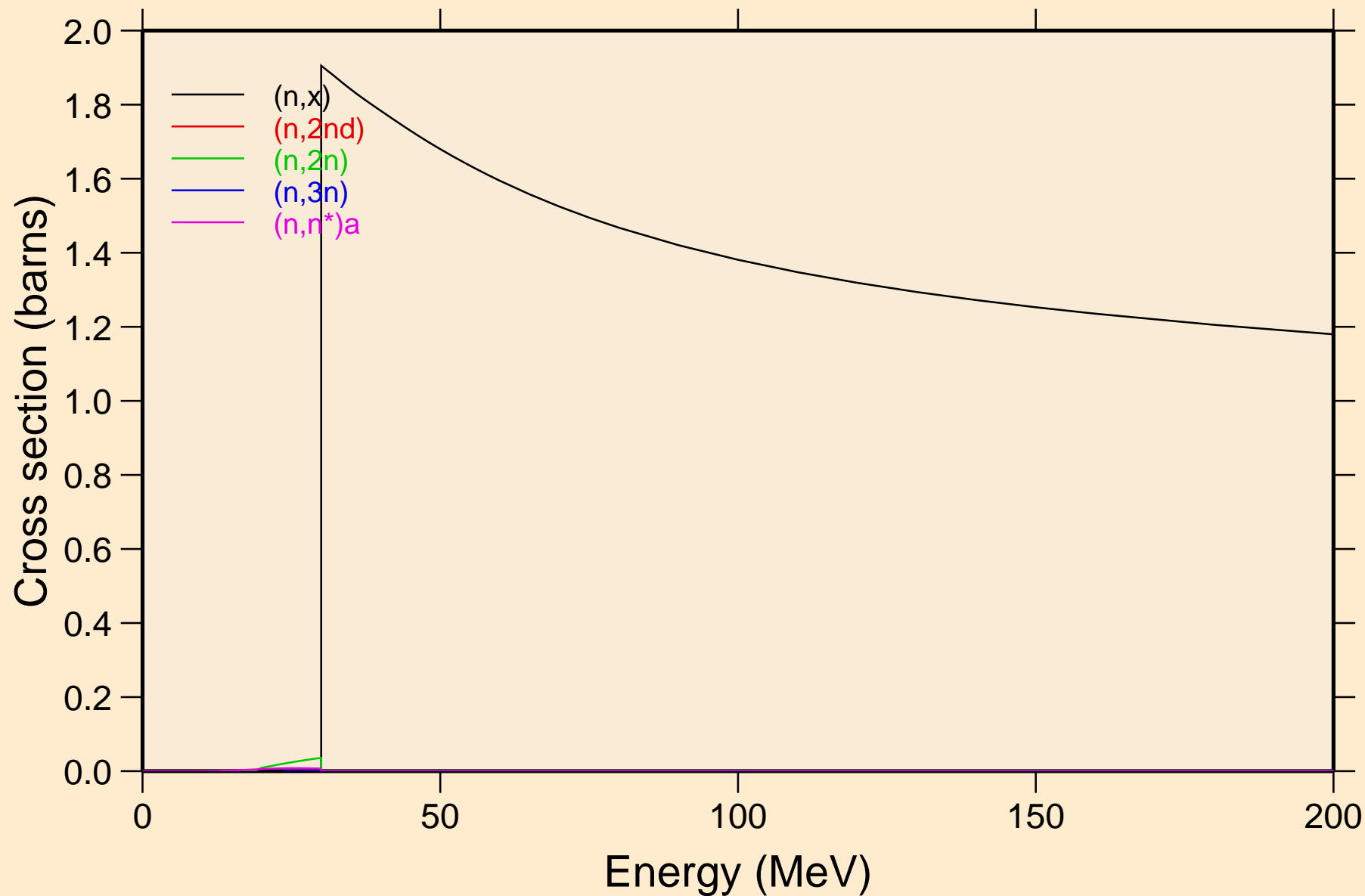


ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



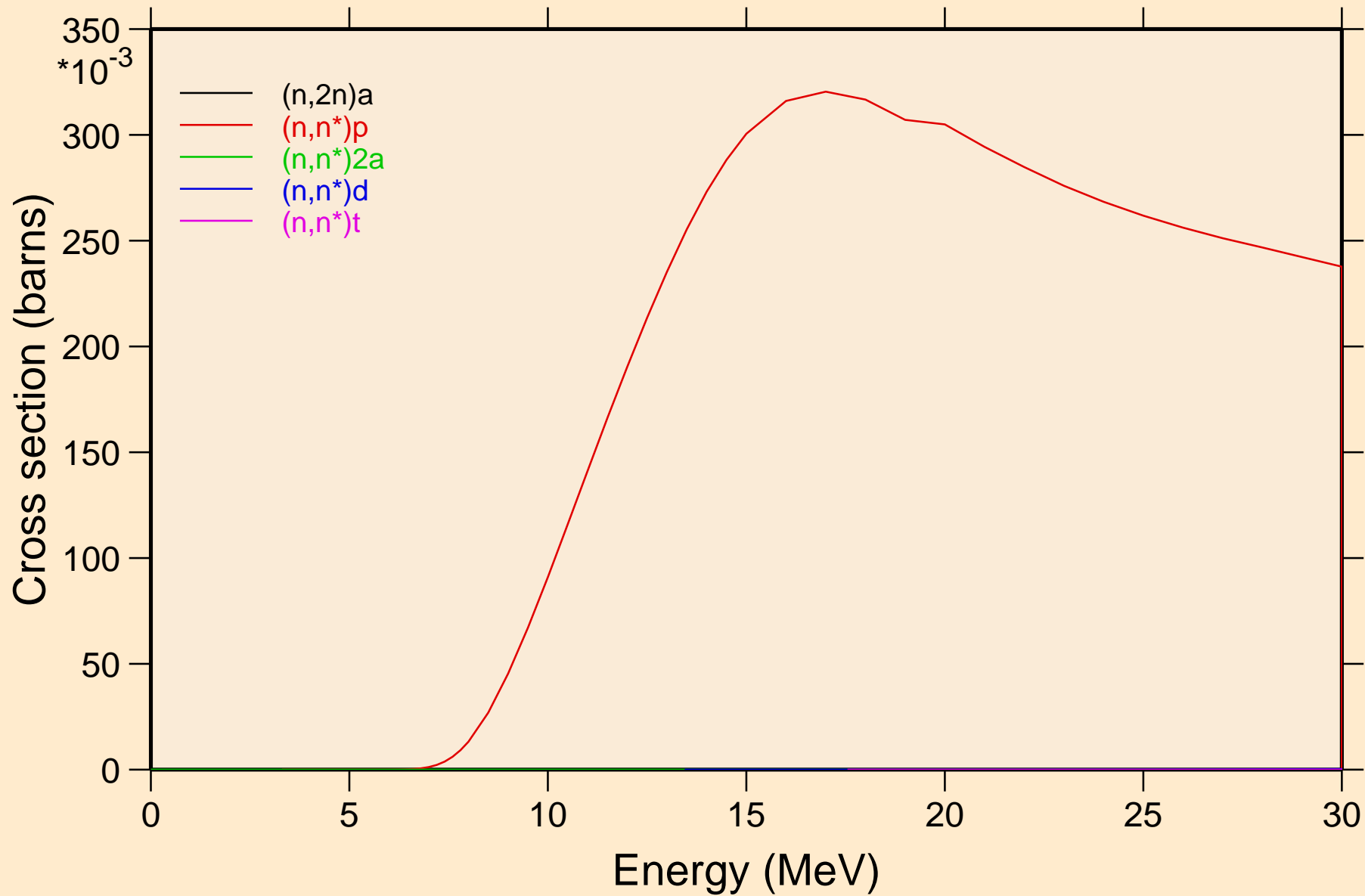
# ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

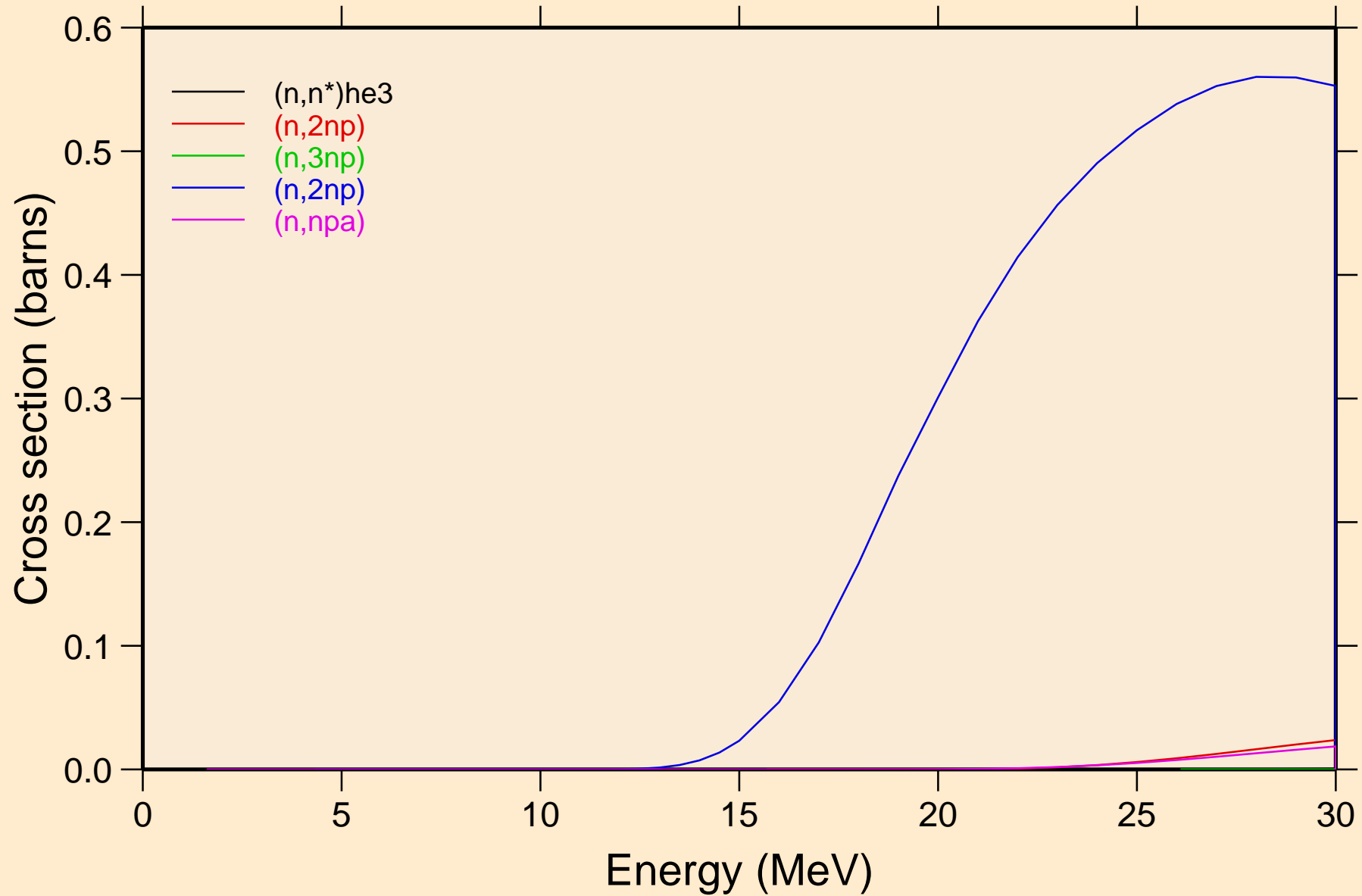


# ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

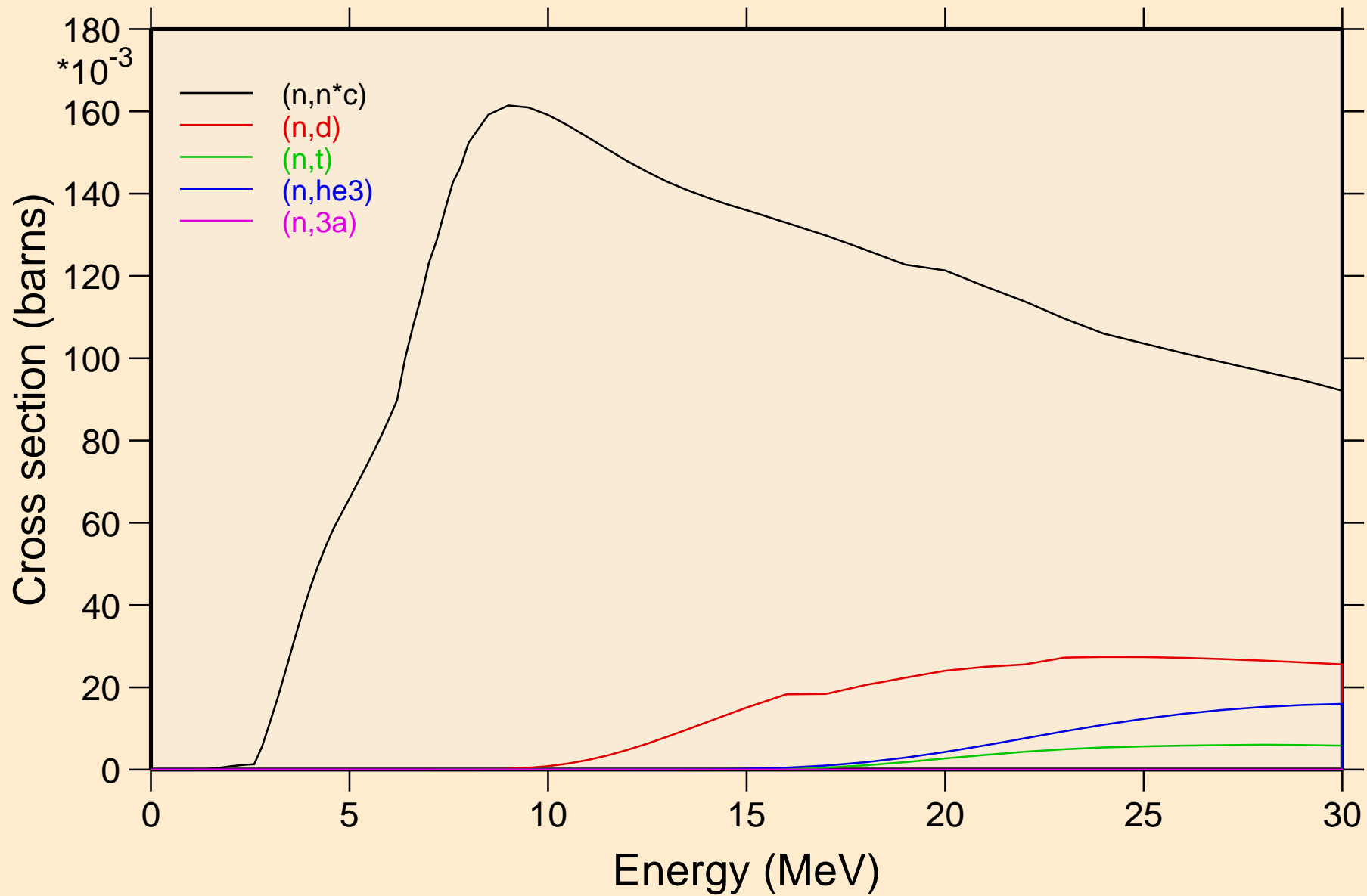


ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



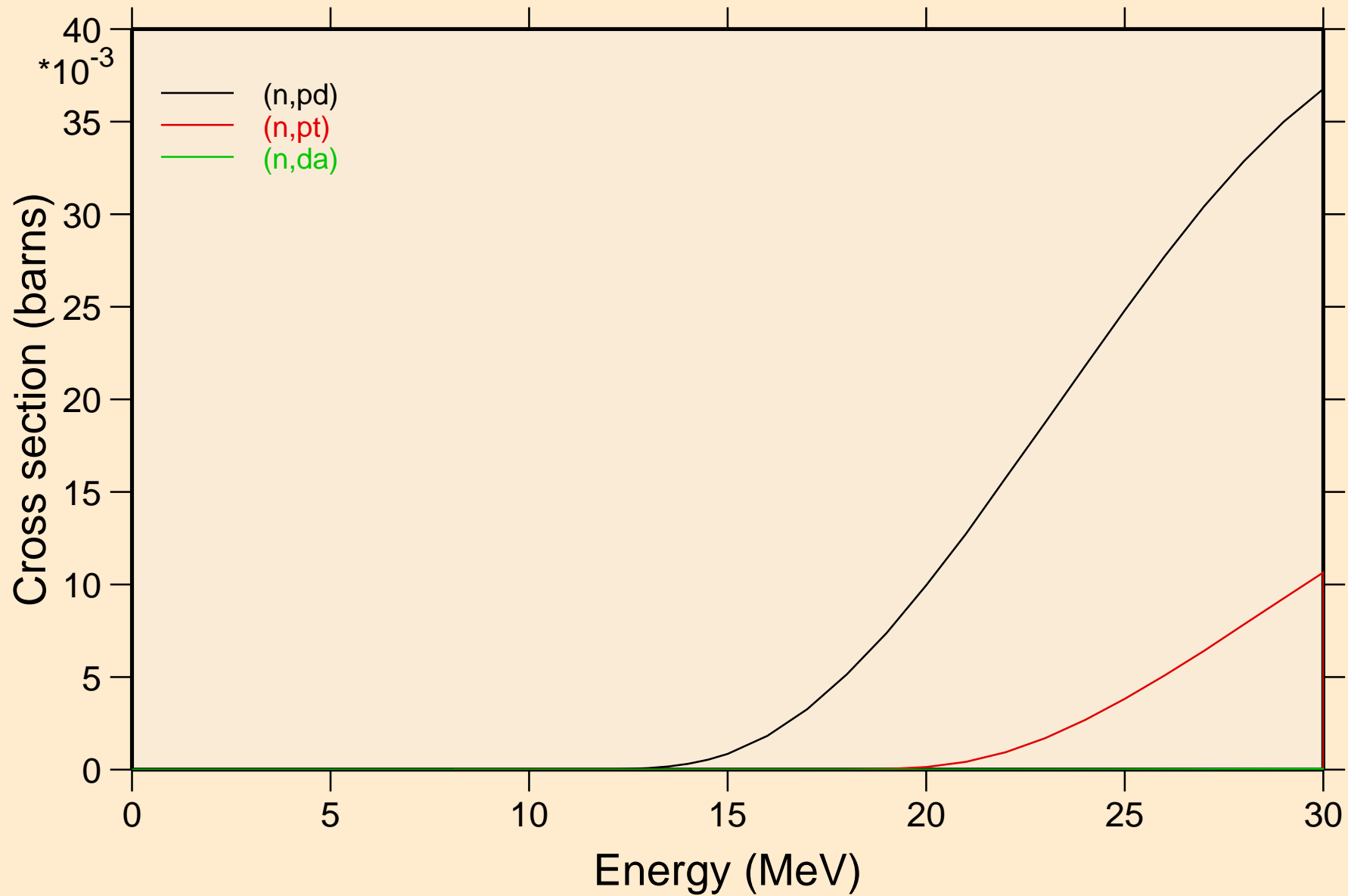
# ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions



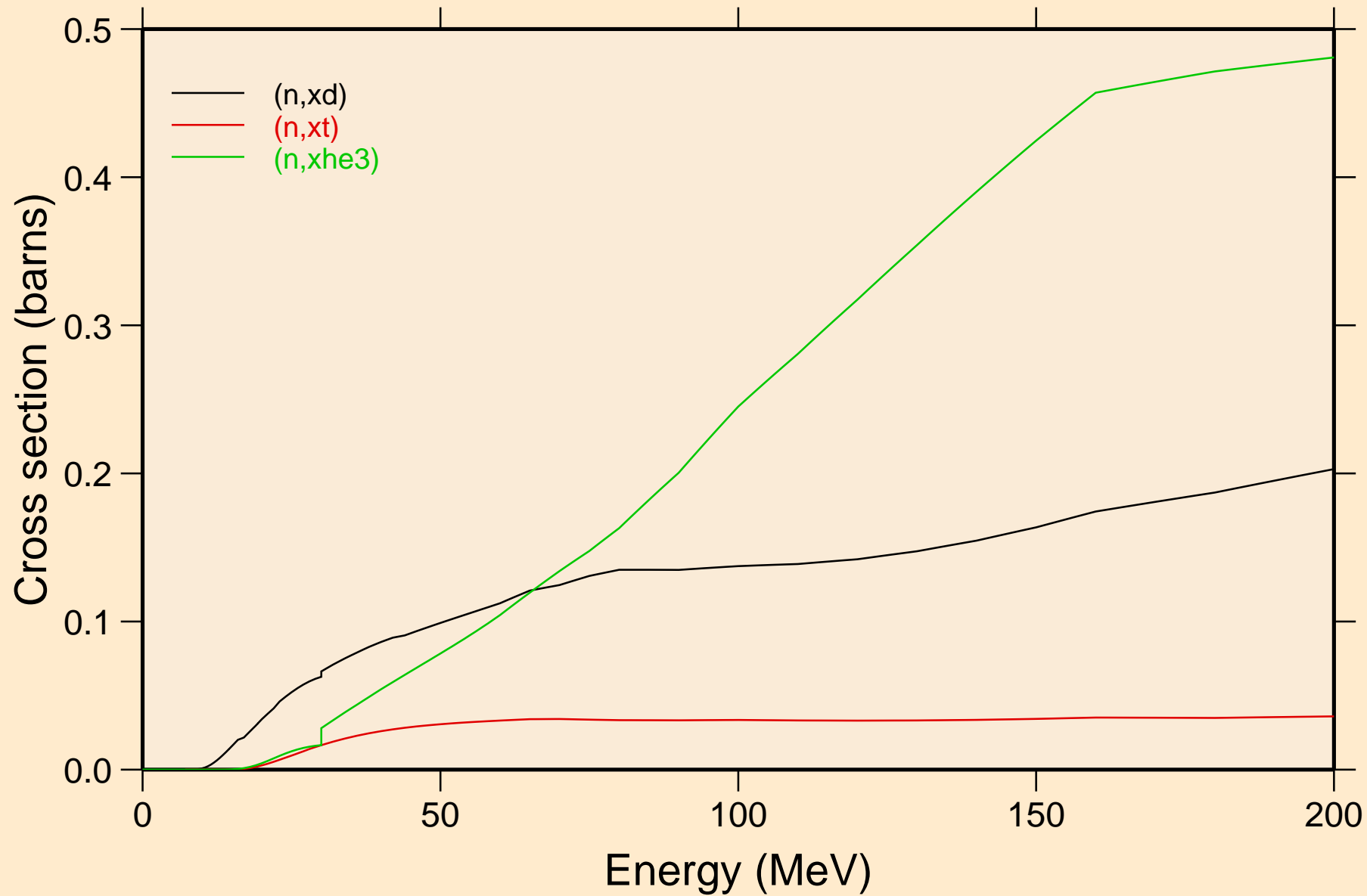
# ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

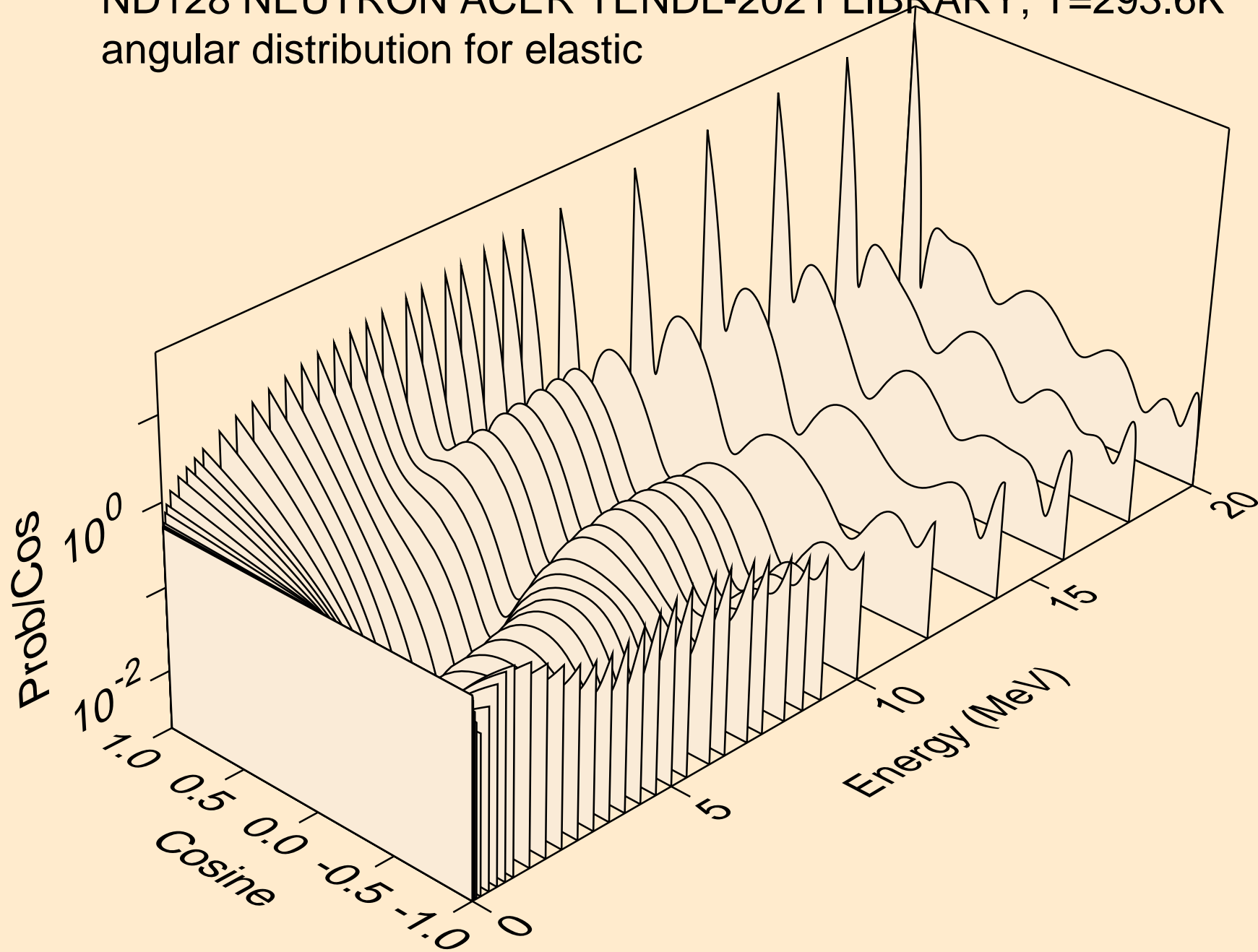


# ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

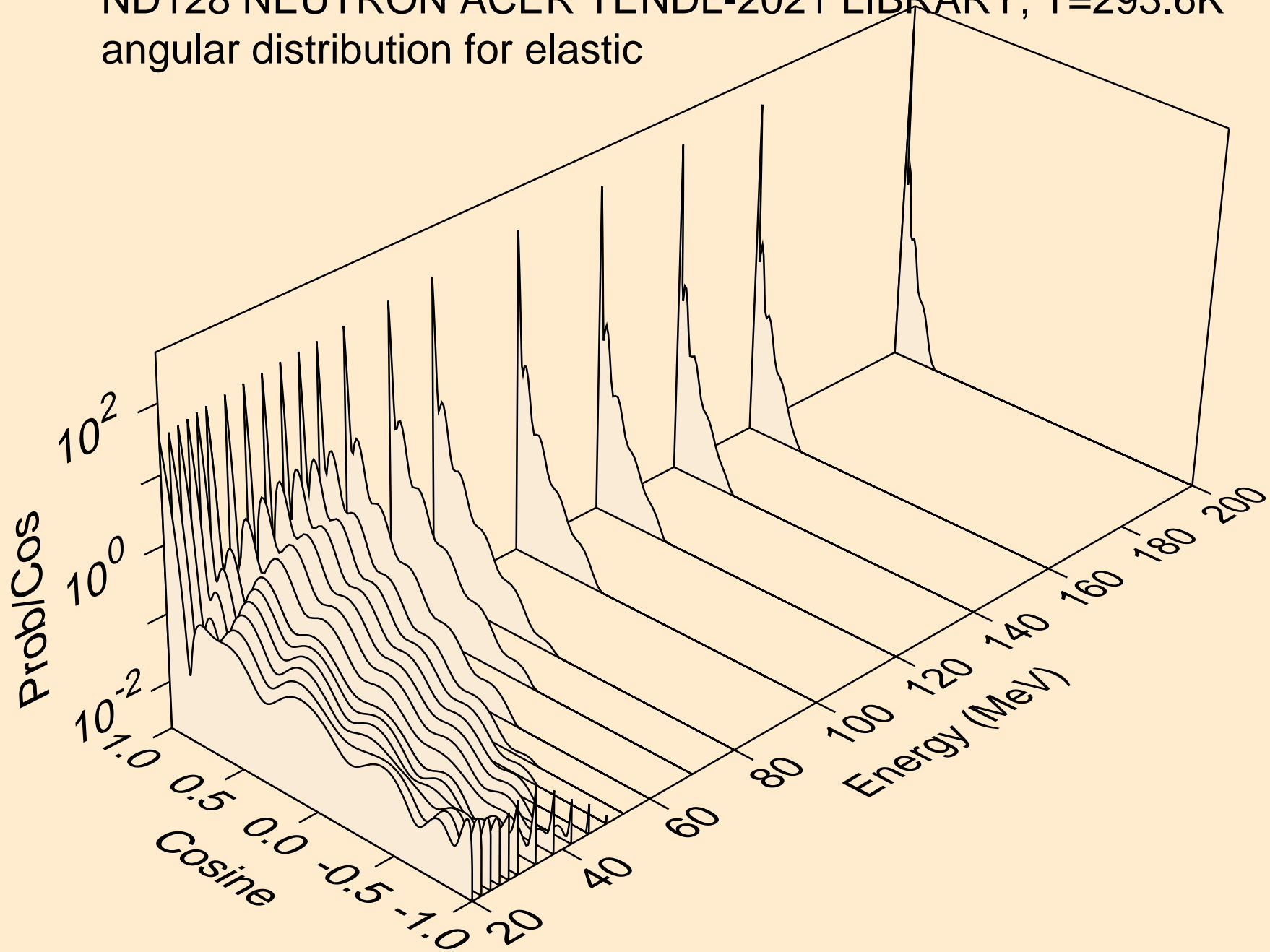
## Threshold reactions



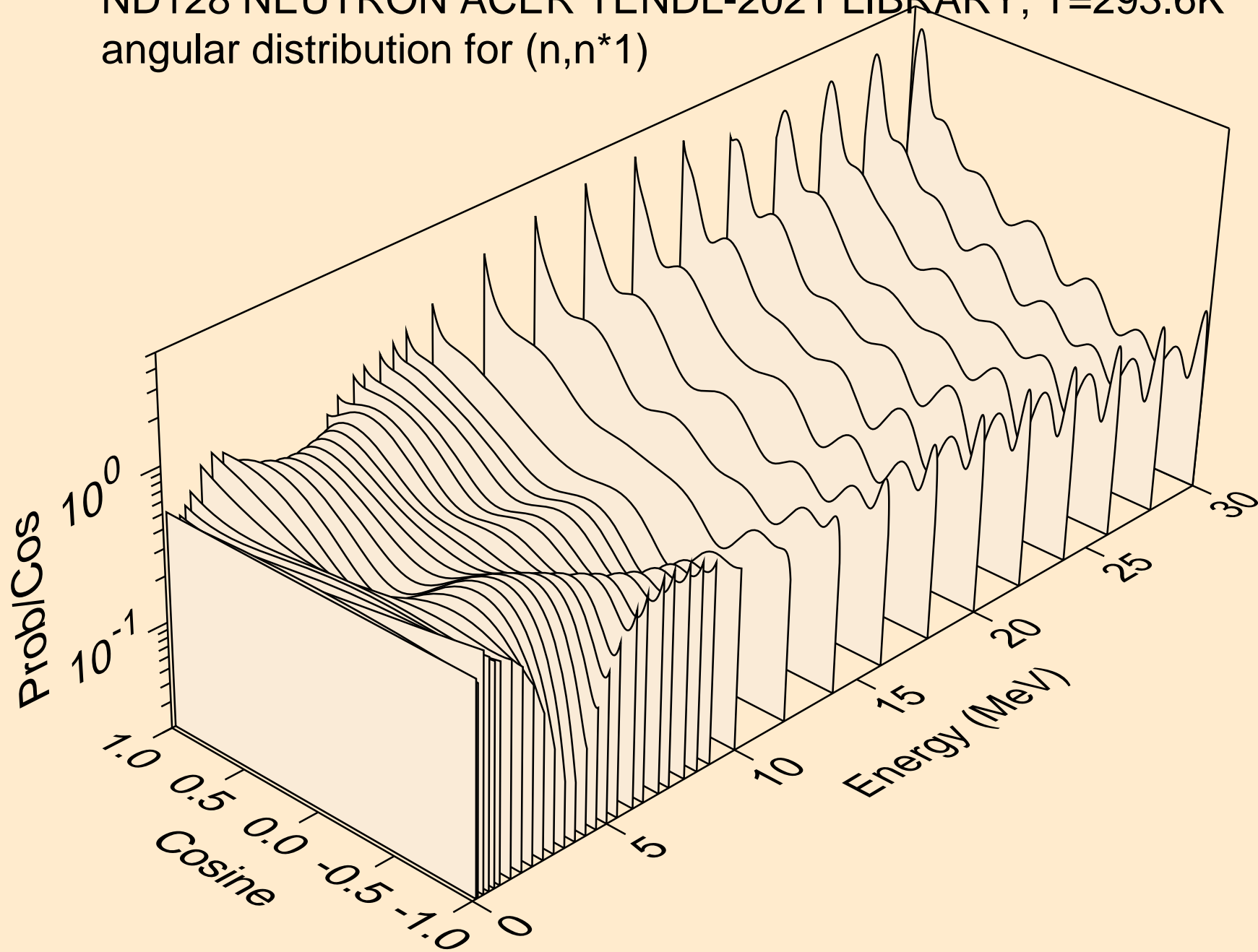
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



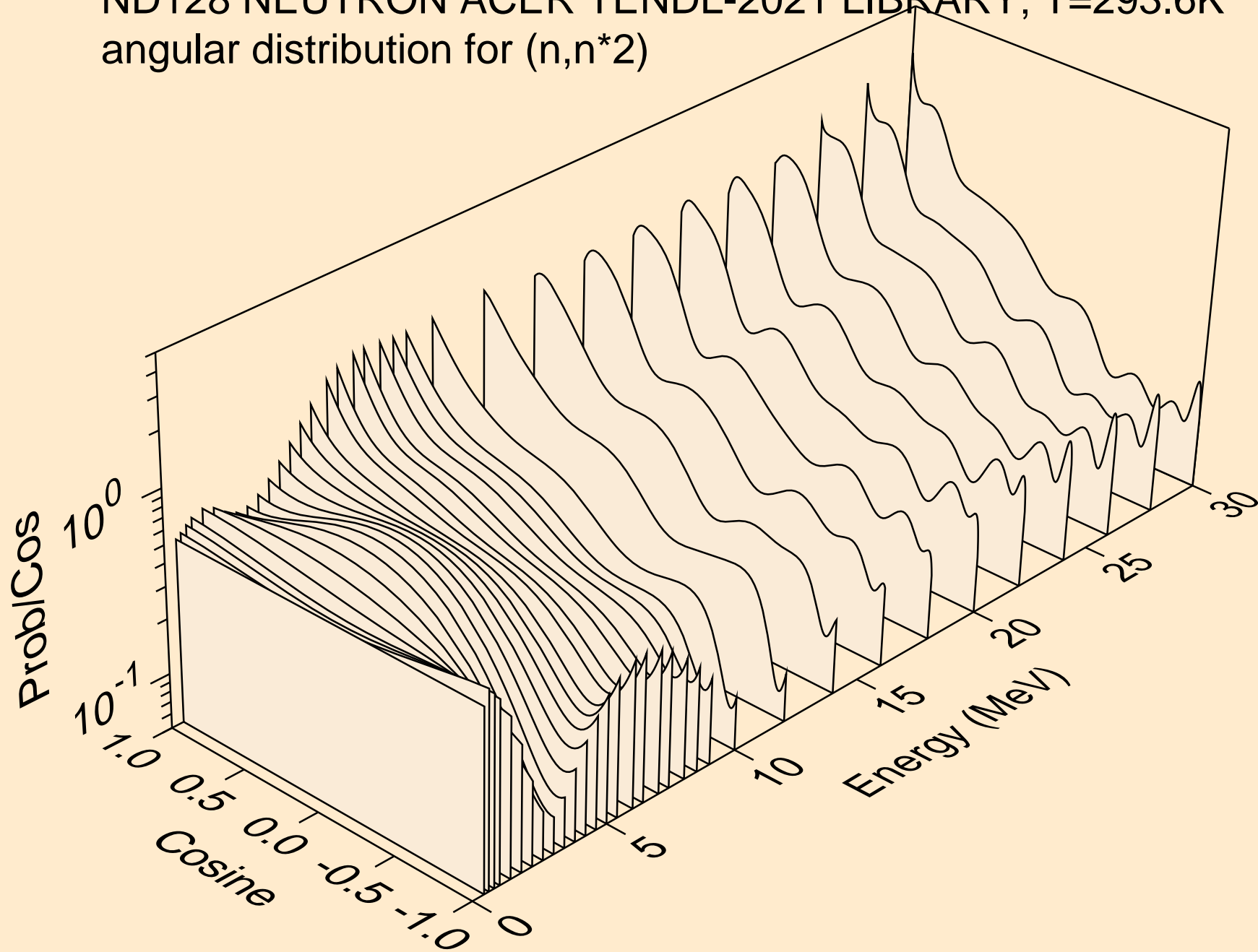
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angular distribution for elastic



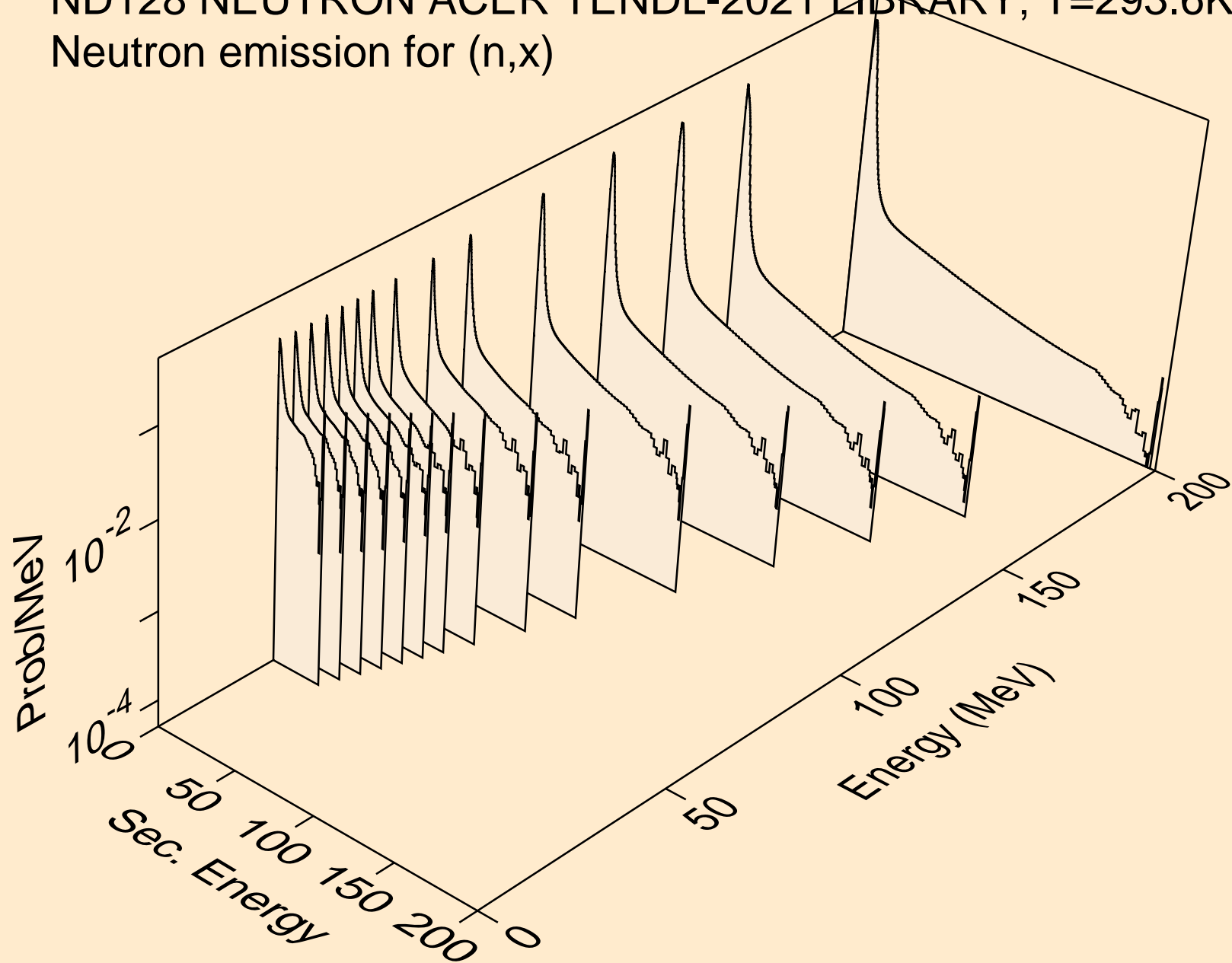
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angular distribution for (n,n\*1)



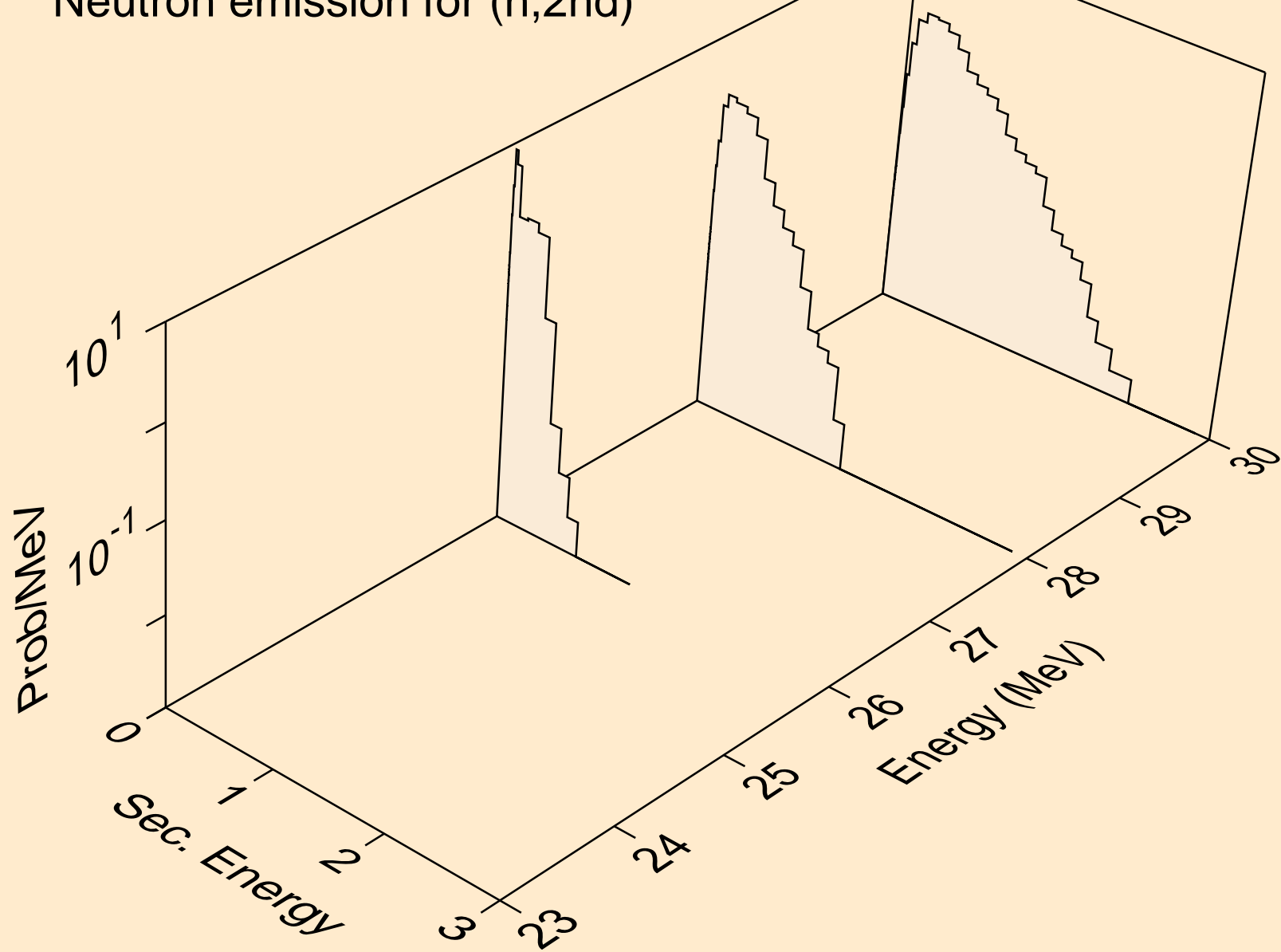
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



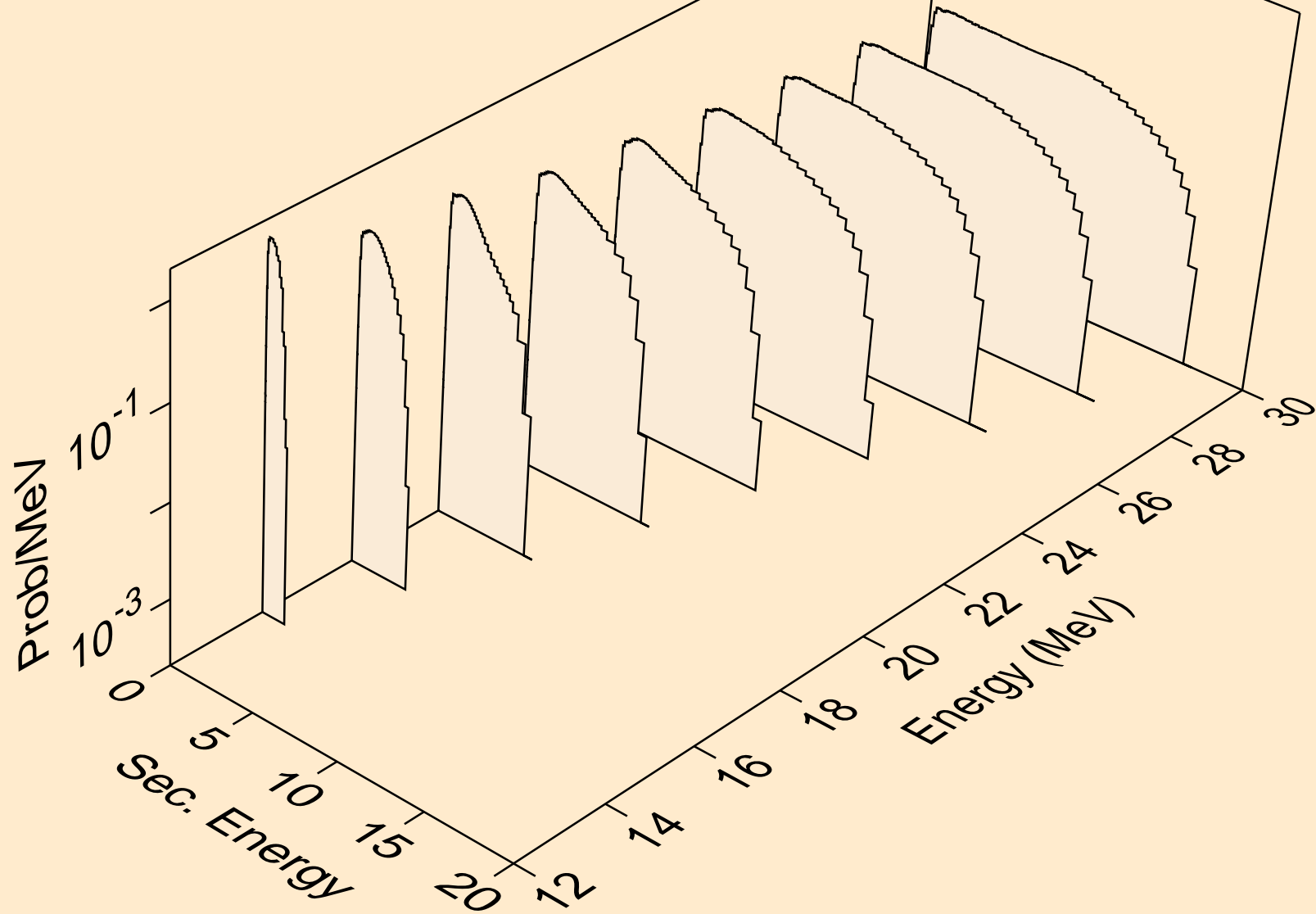
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



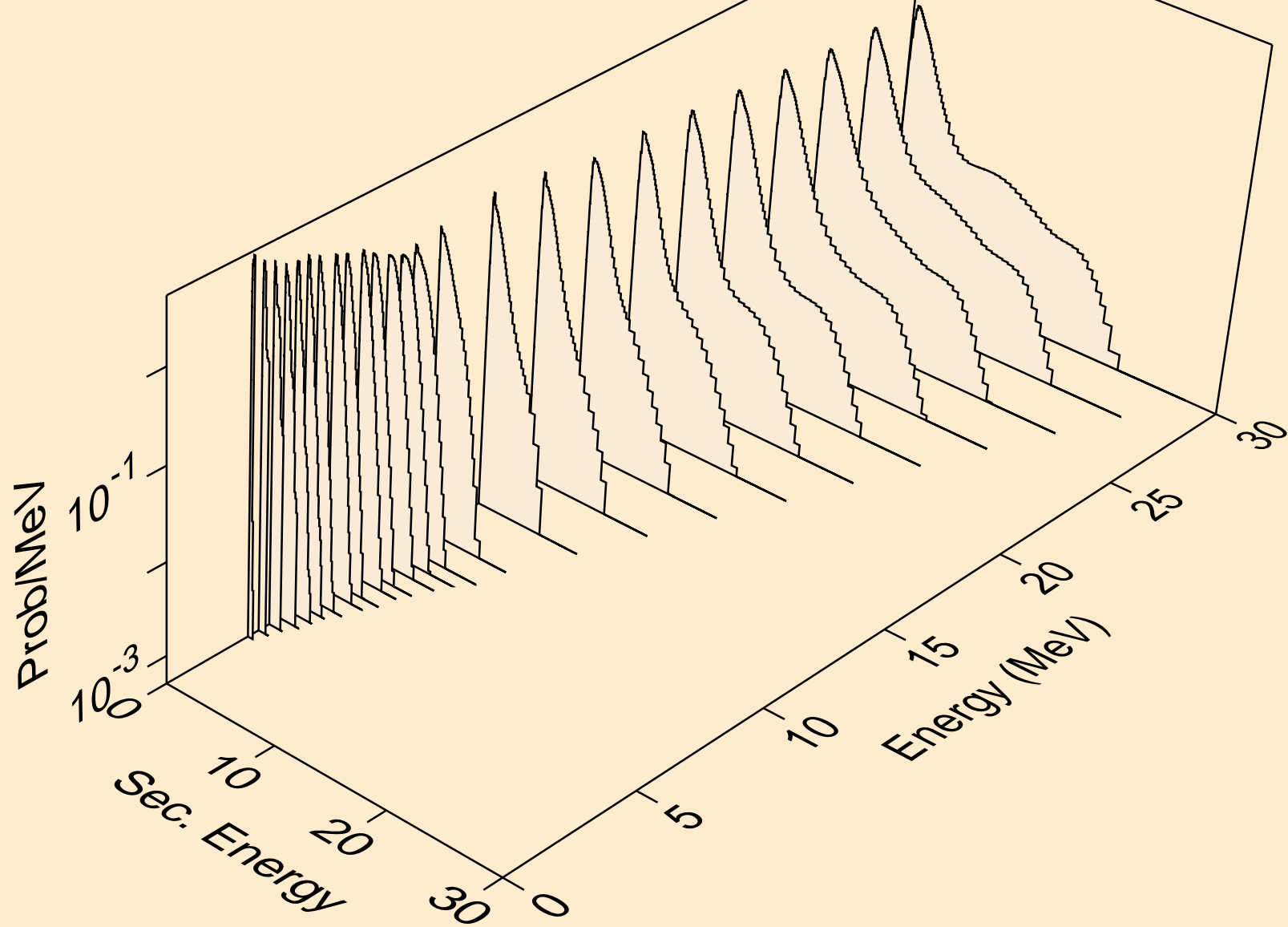
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



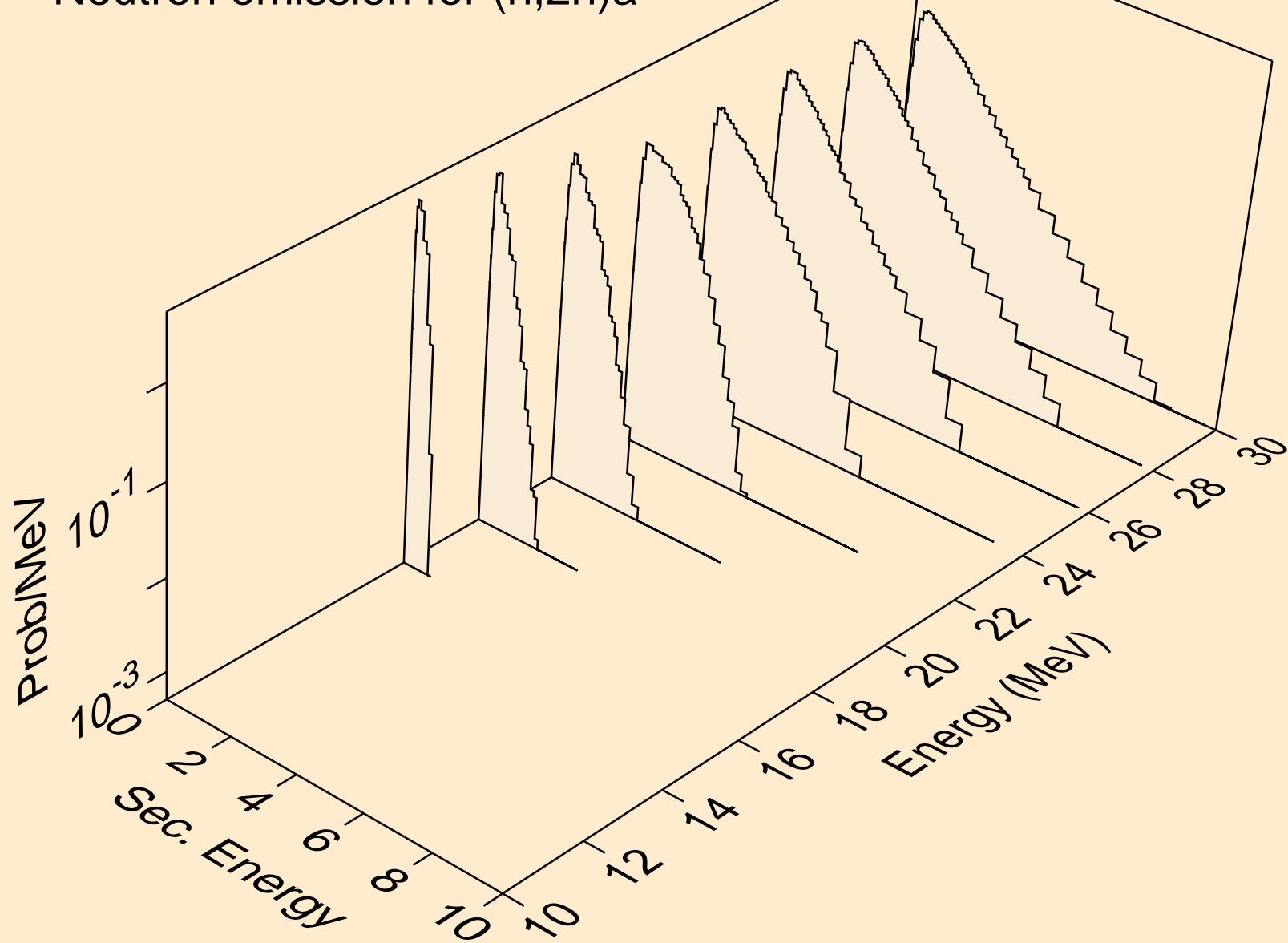
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



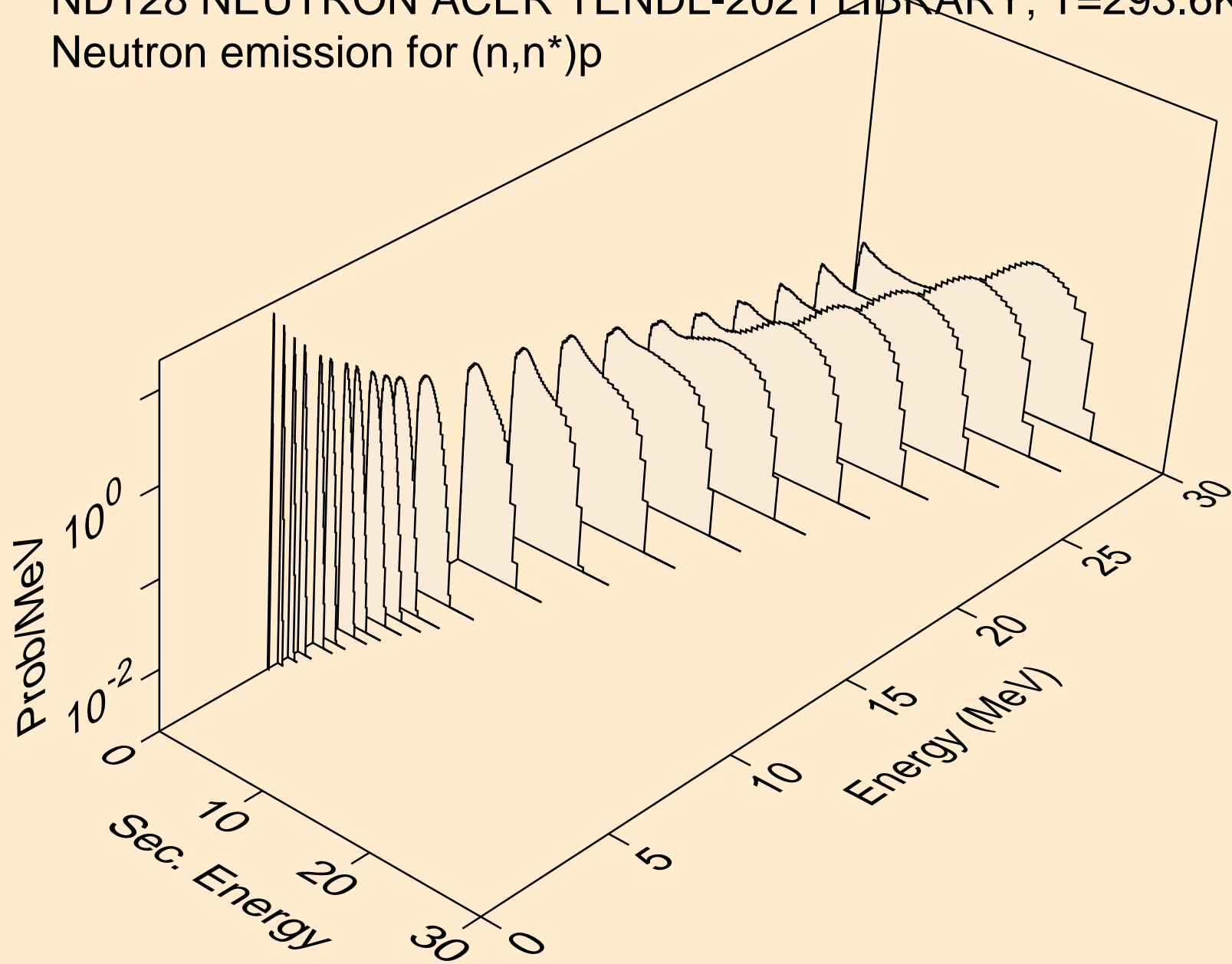
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



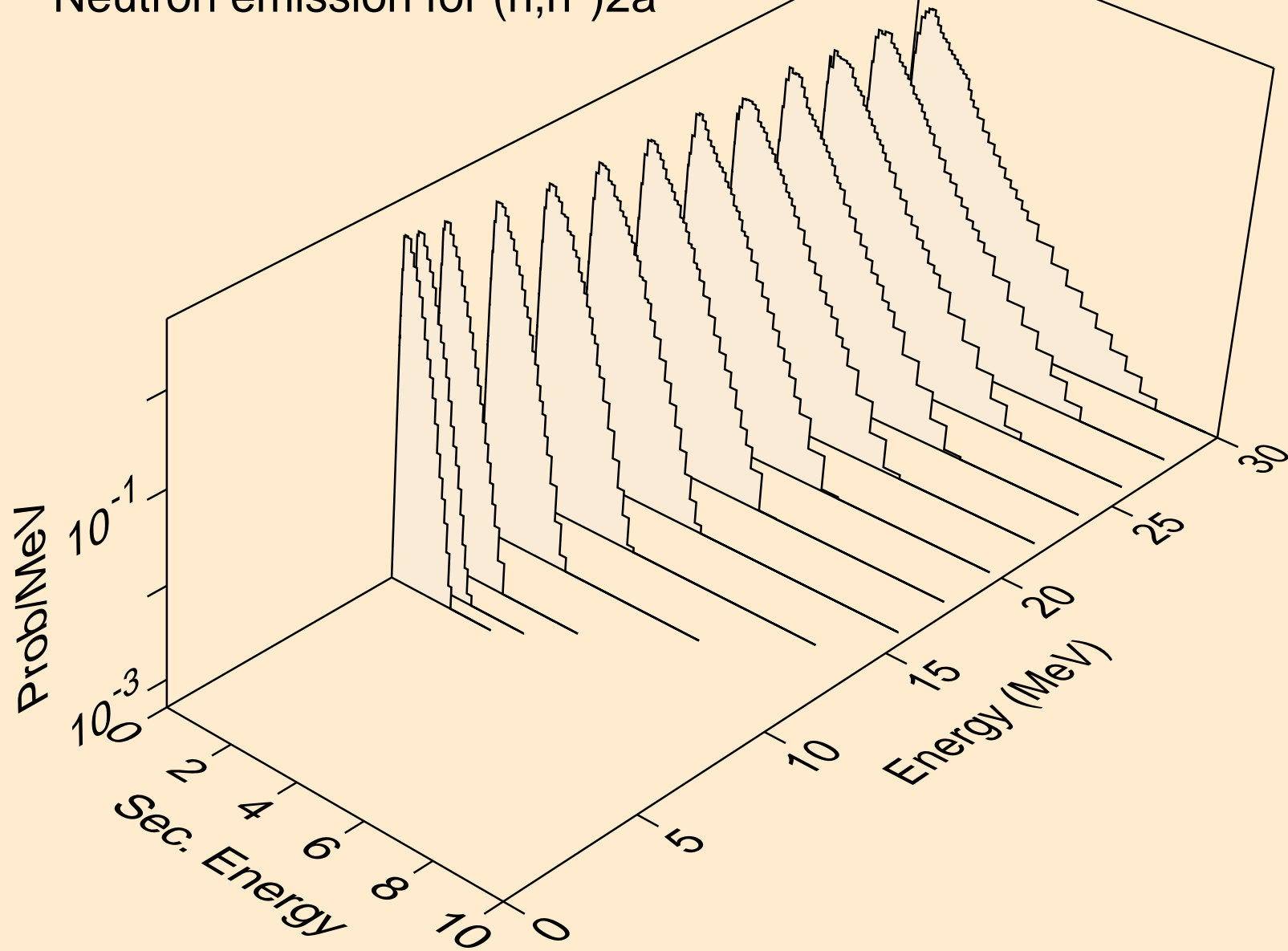
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



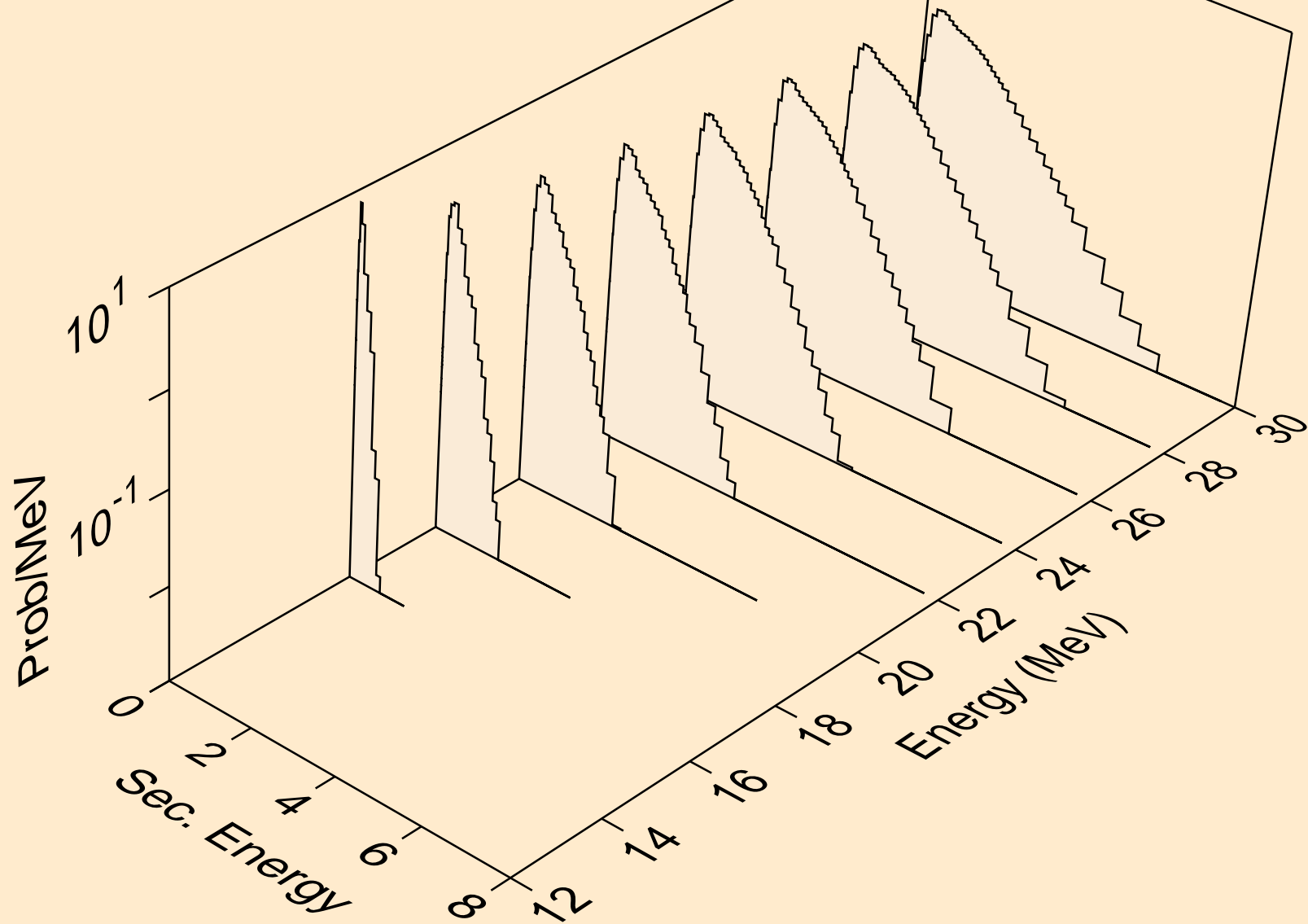
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



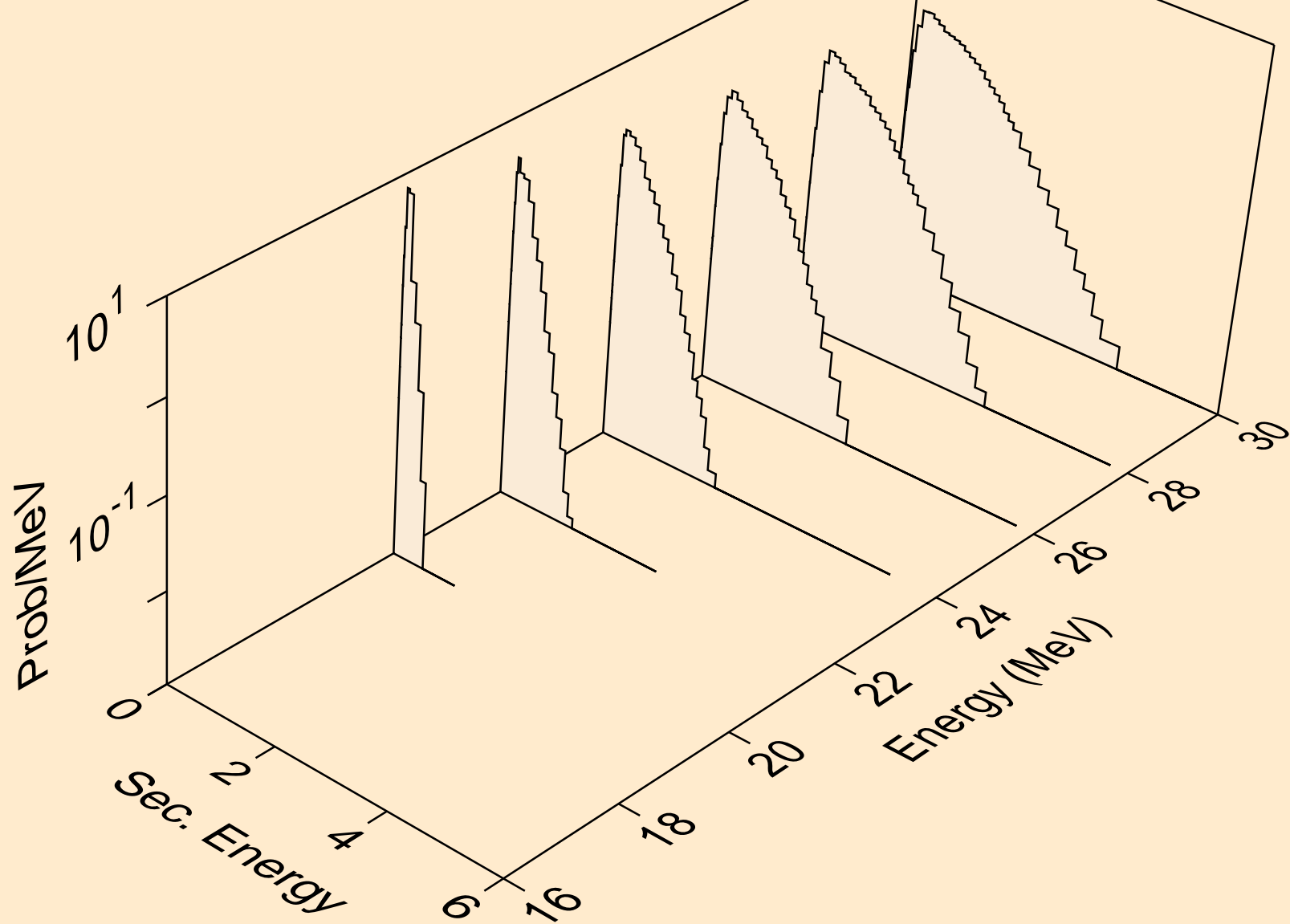
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



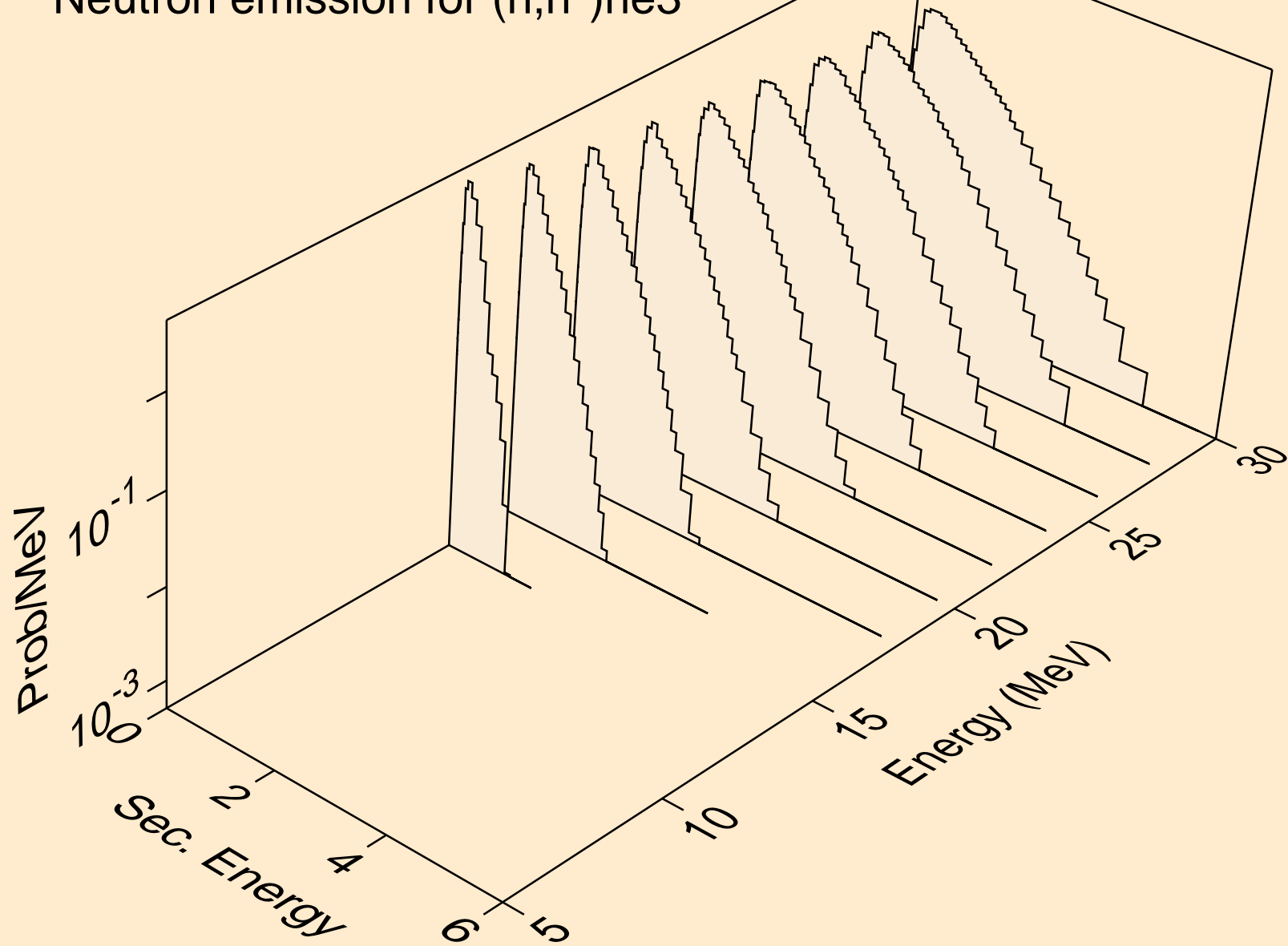
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



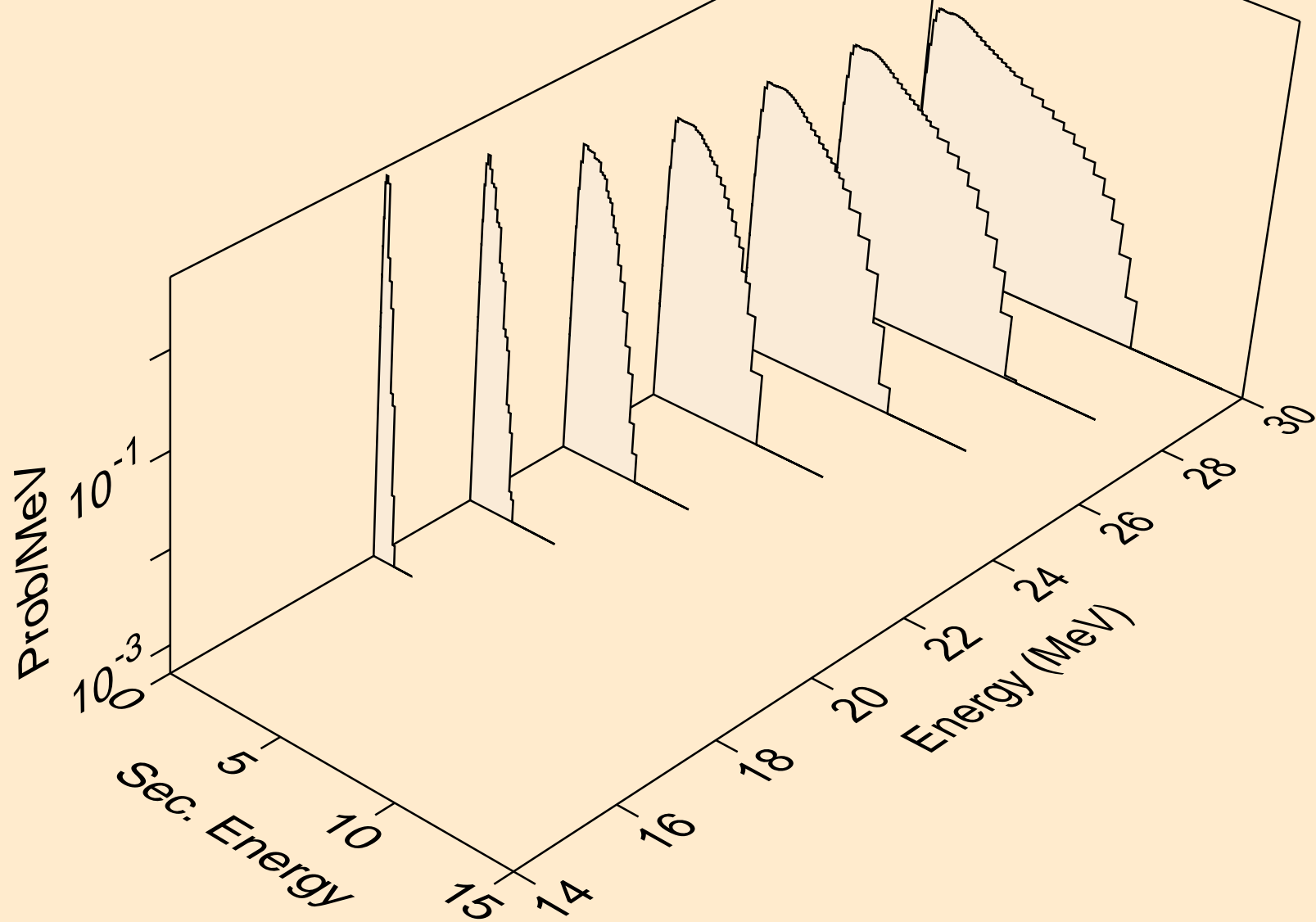
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



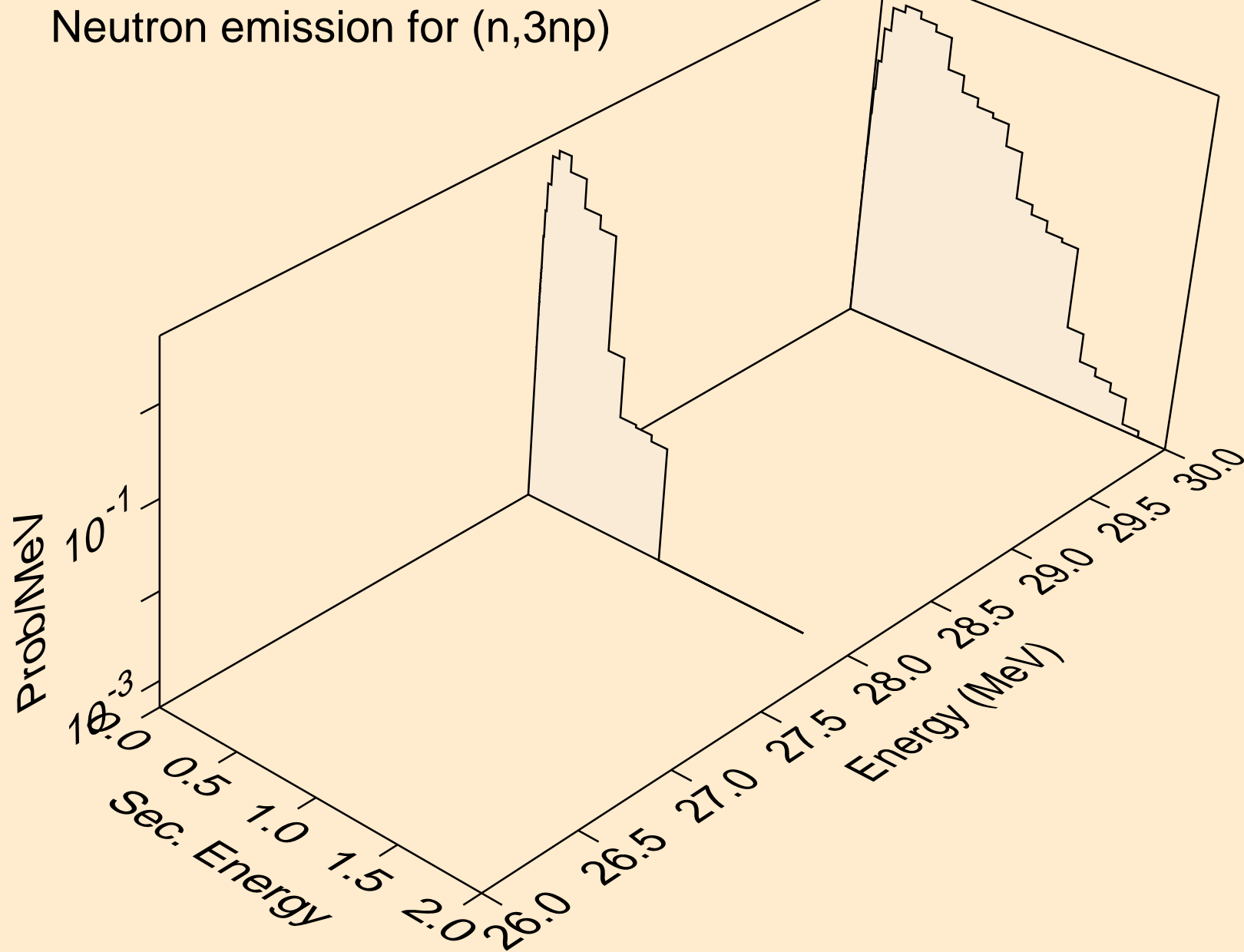
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



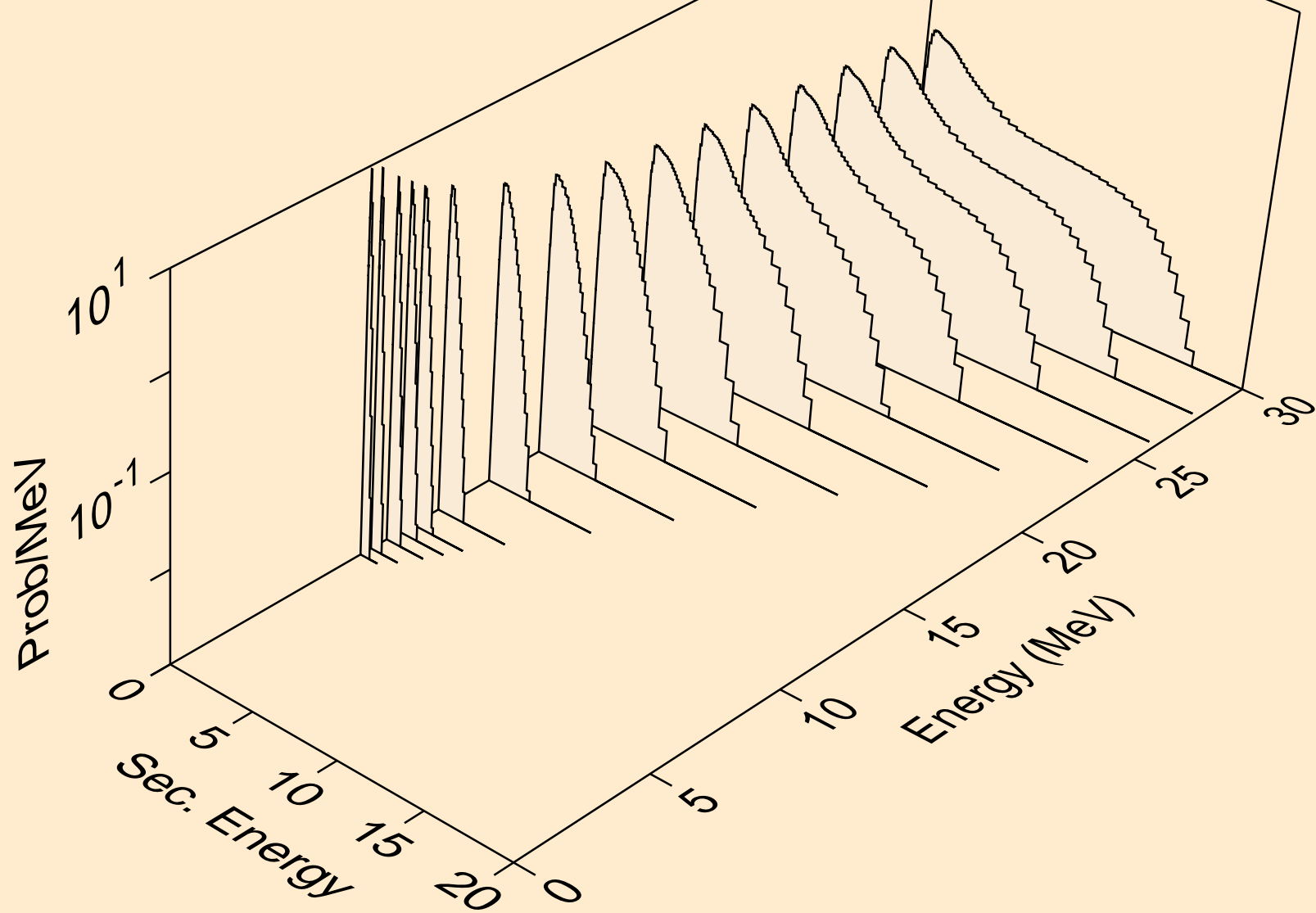
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Neutron emission for (n,2np)



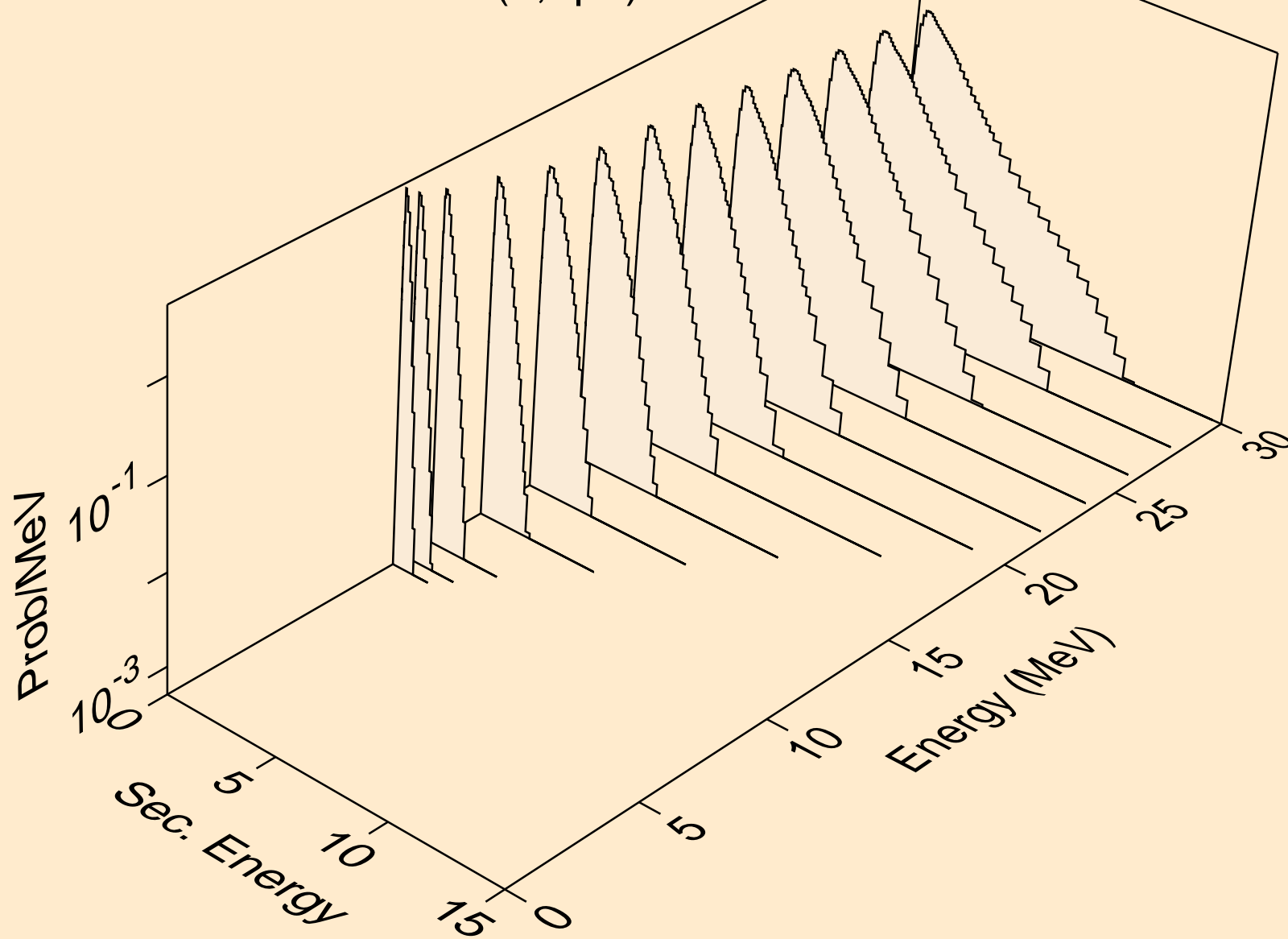
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Neutron emission for (n,3np)



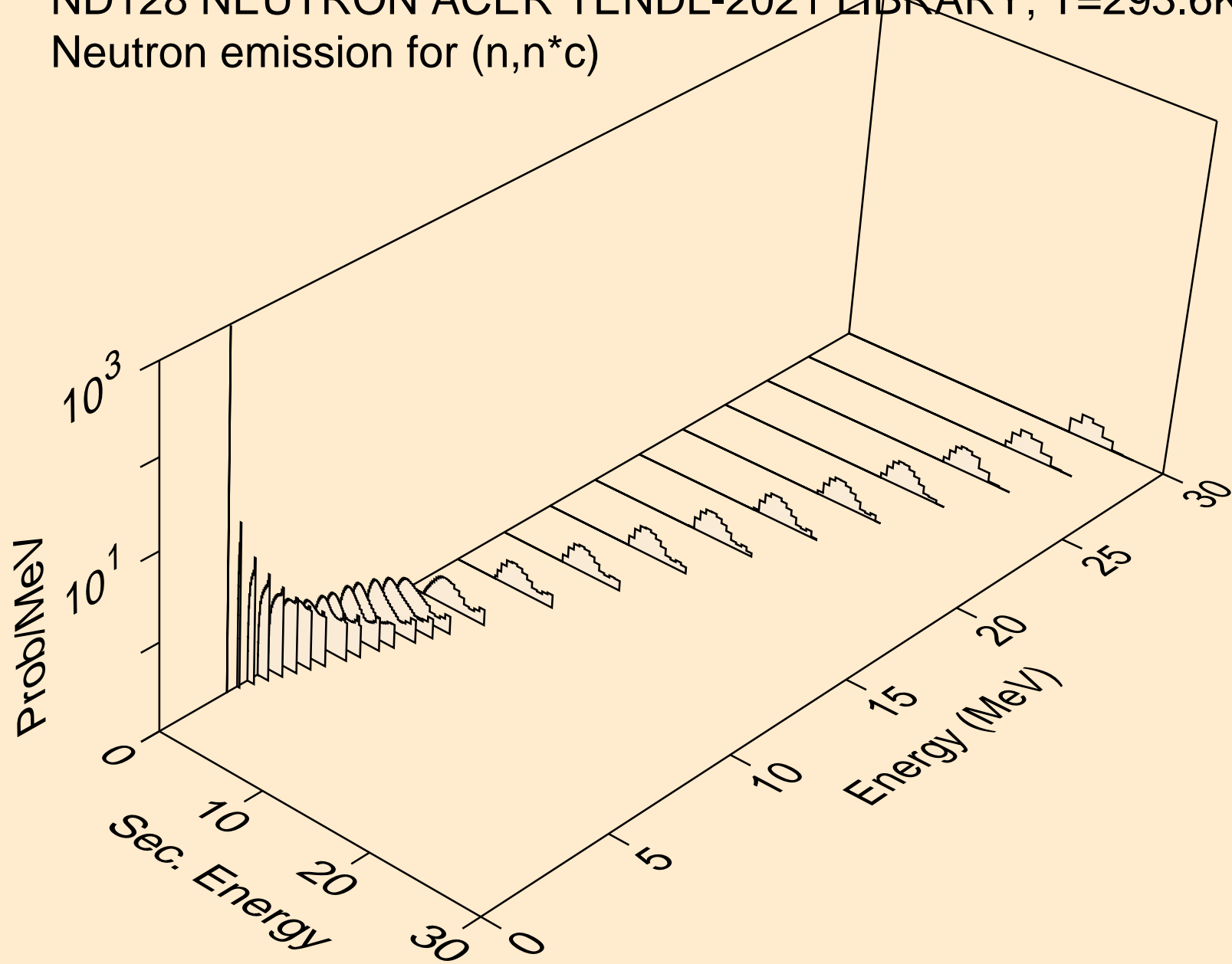
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Neutron emission for (n,2np)



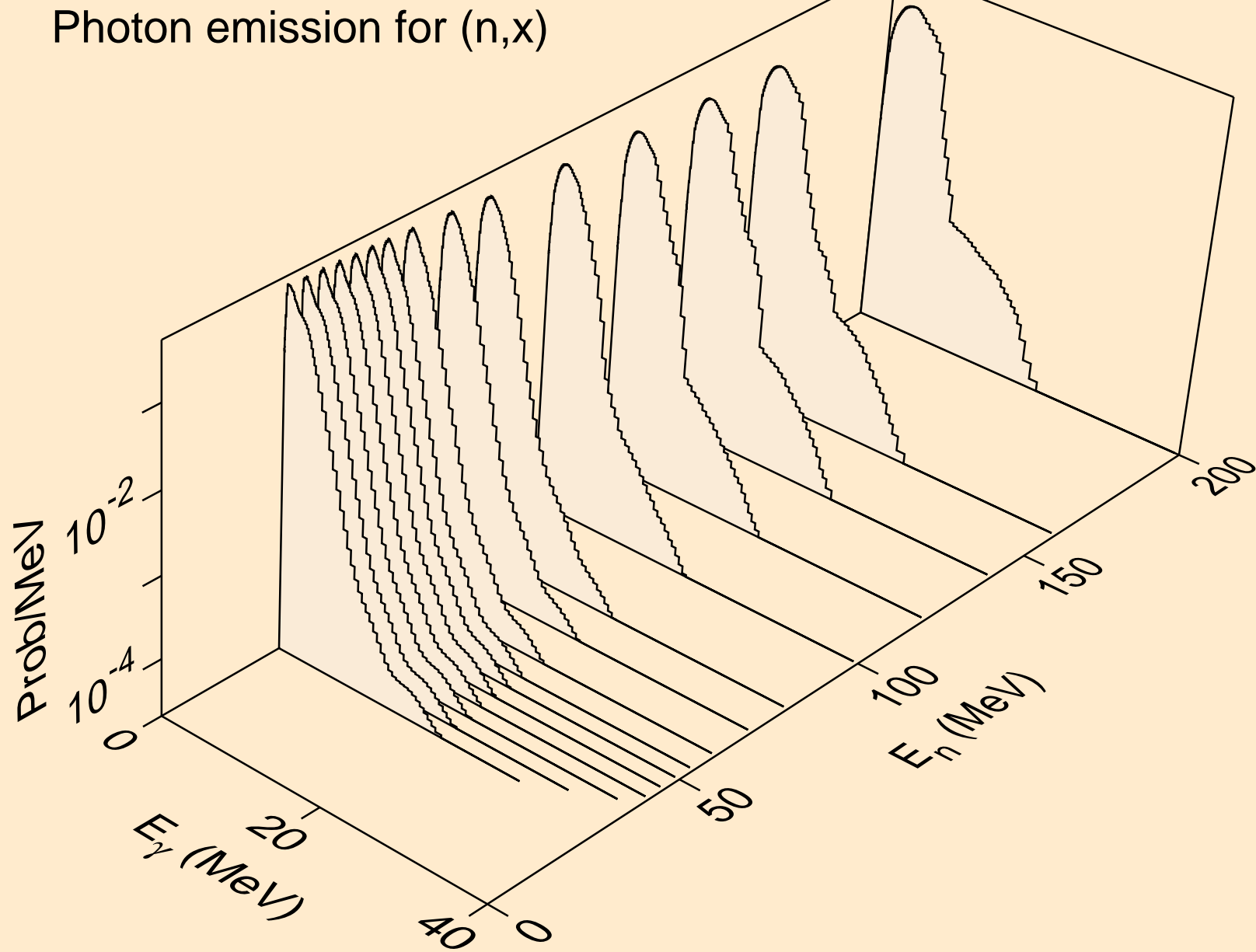
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Neutron emission for (n,npa)



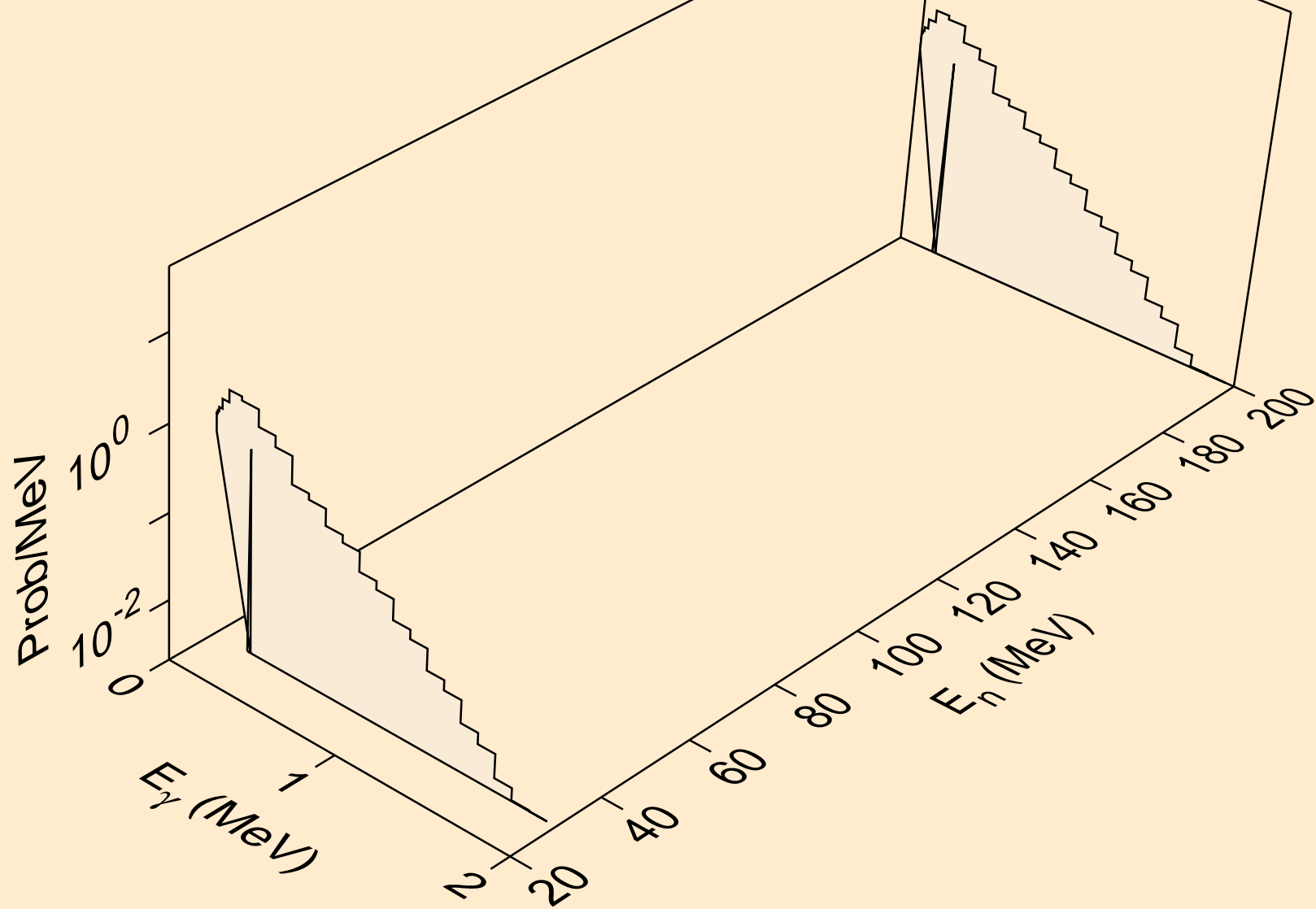
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Neutron emission for (n,n\*c)



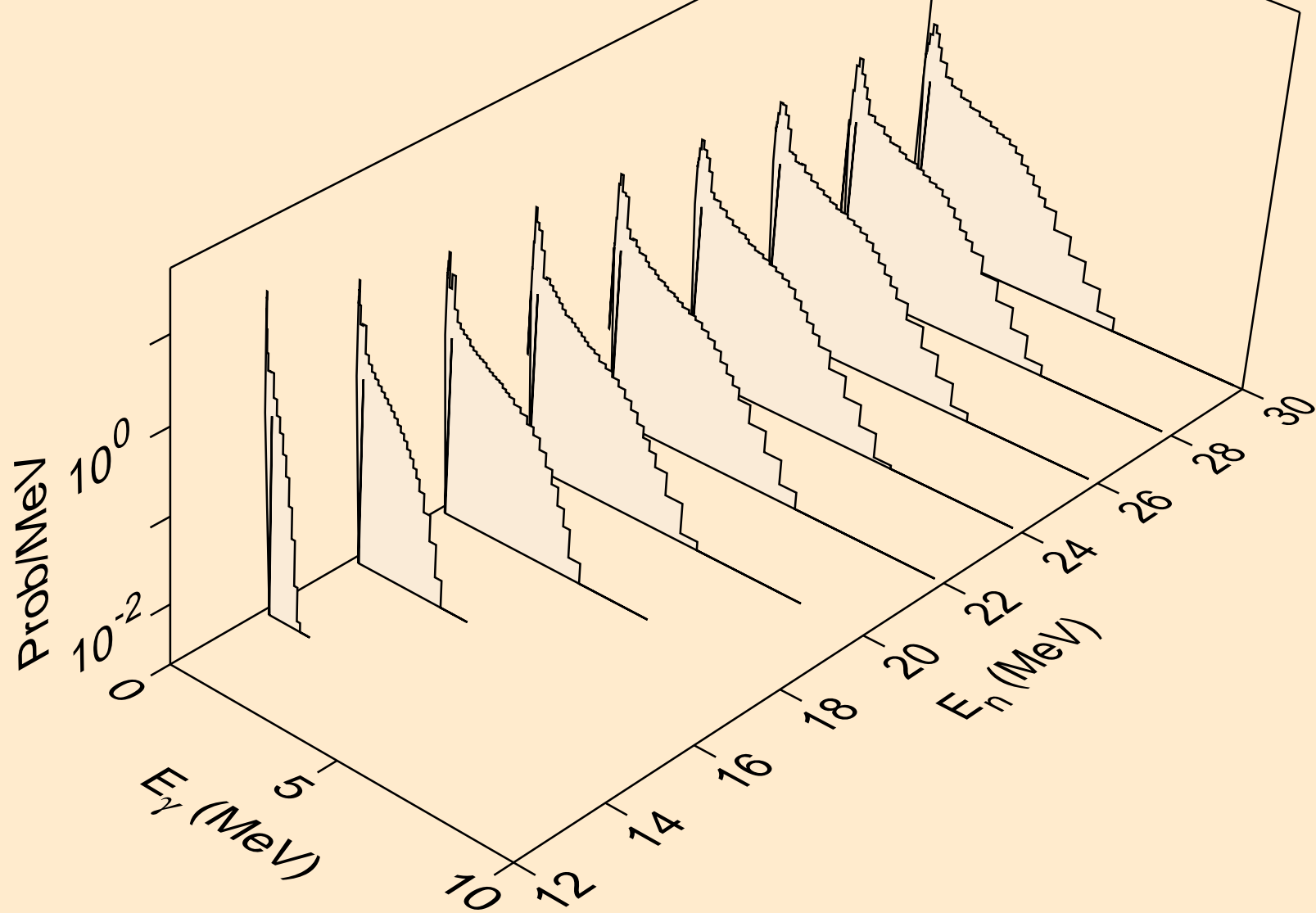
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



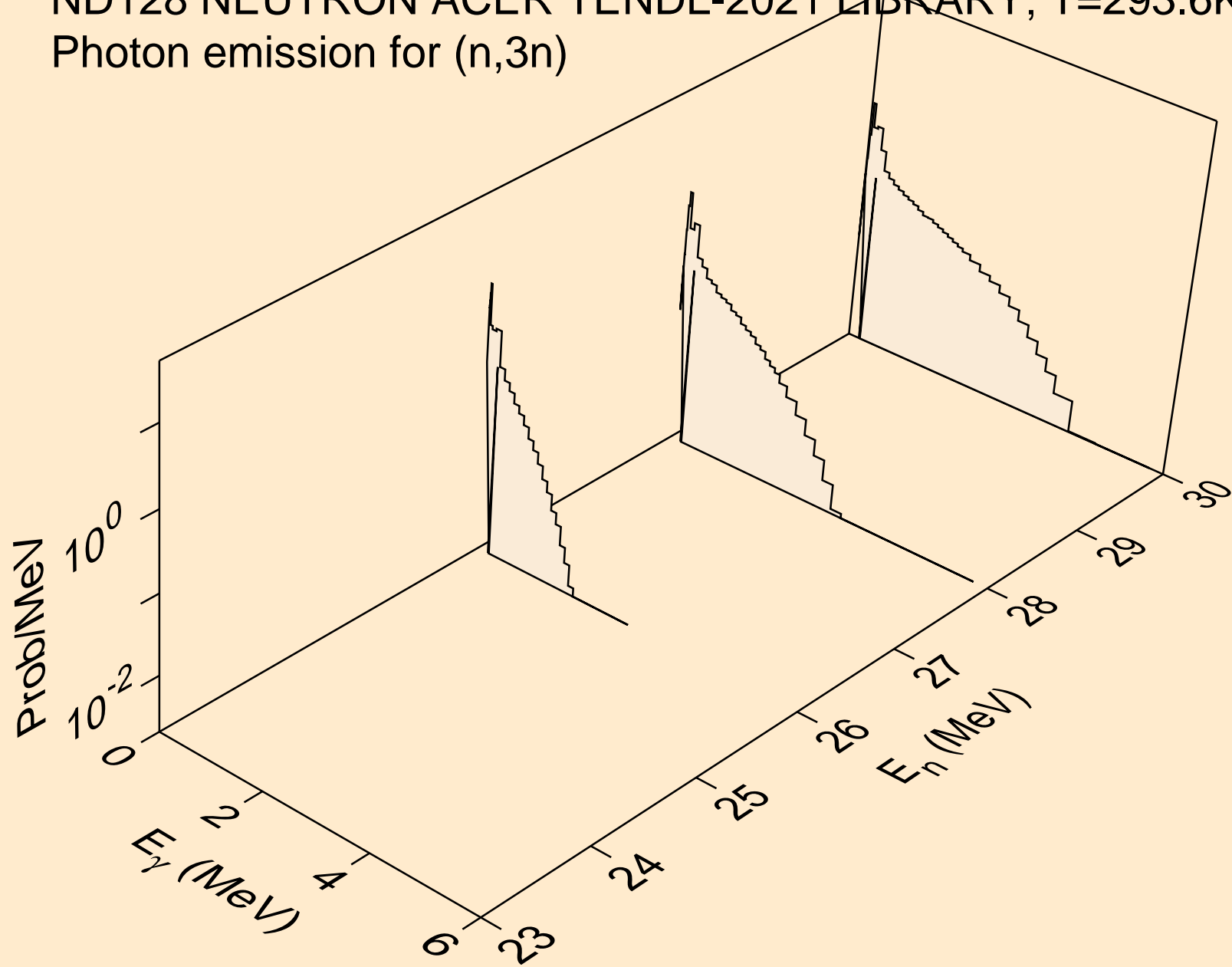
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Photon emission for (n,2nd)



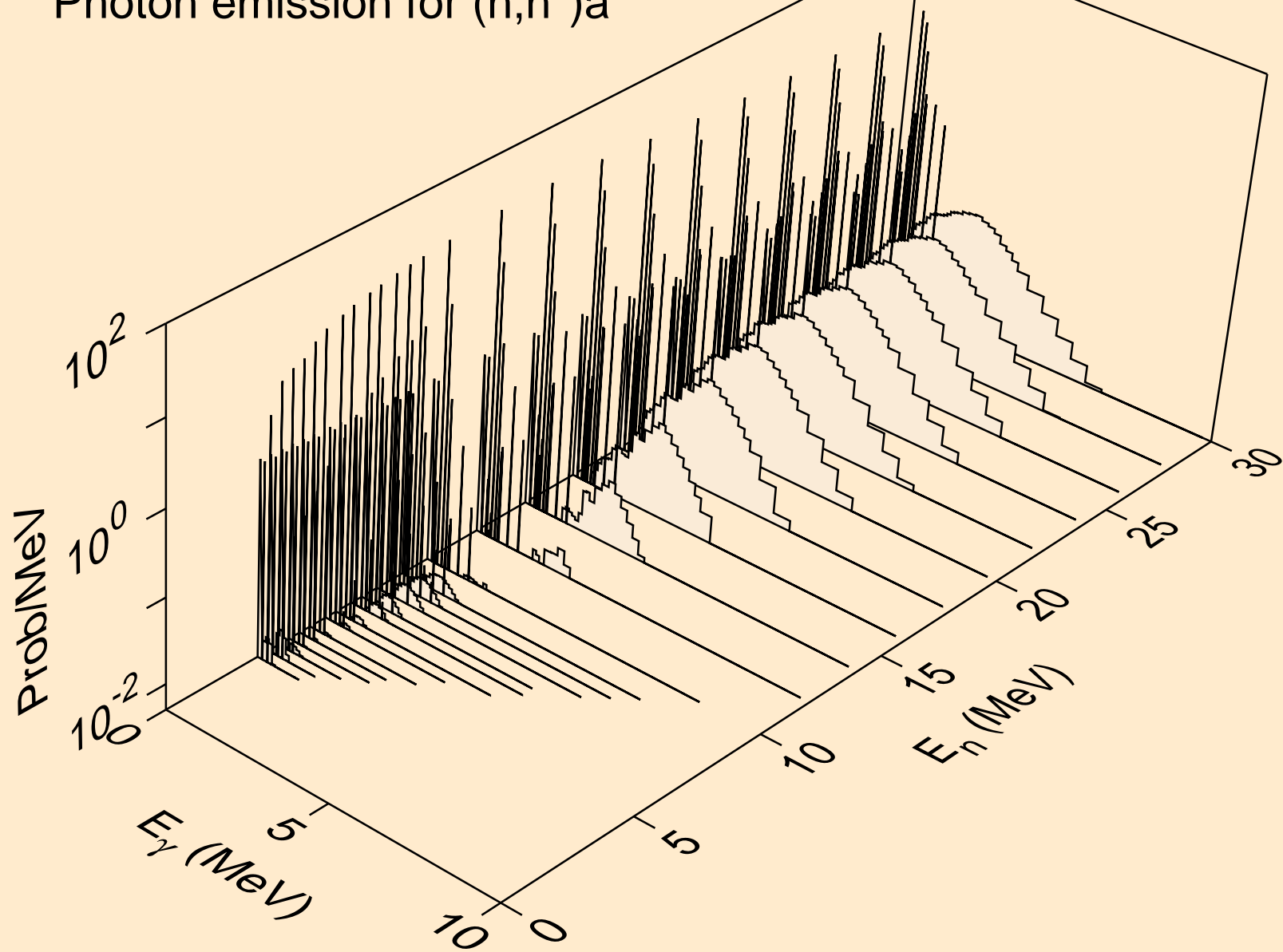
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Photon emission for (n,2n)



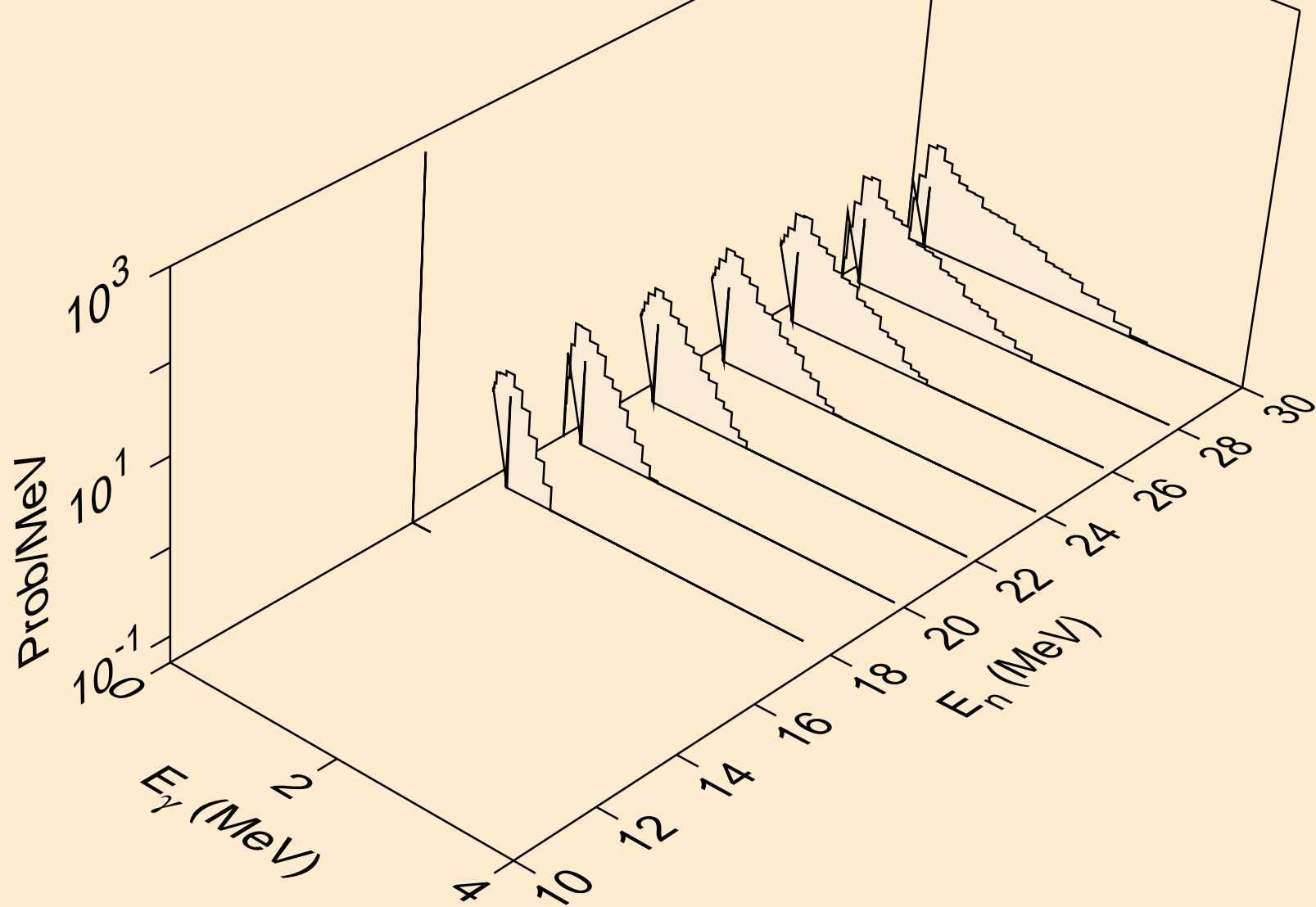
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Photon emission for (n,3n)



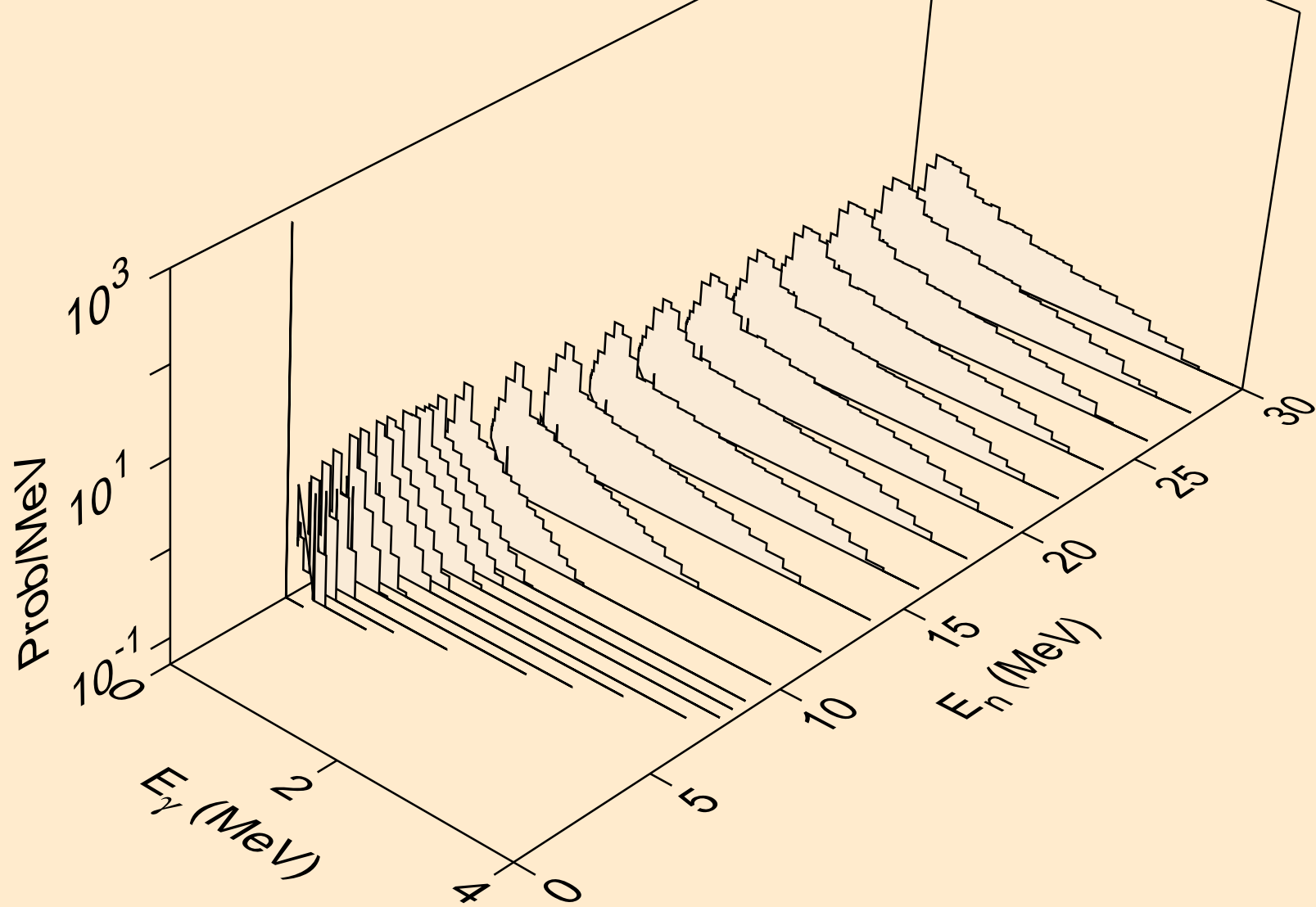
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Photon emission for (n,n\*)a



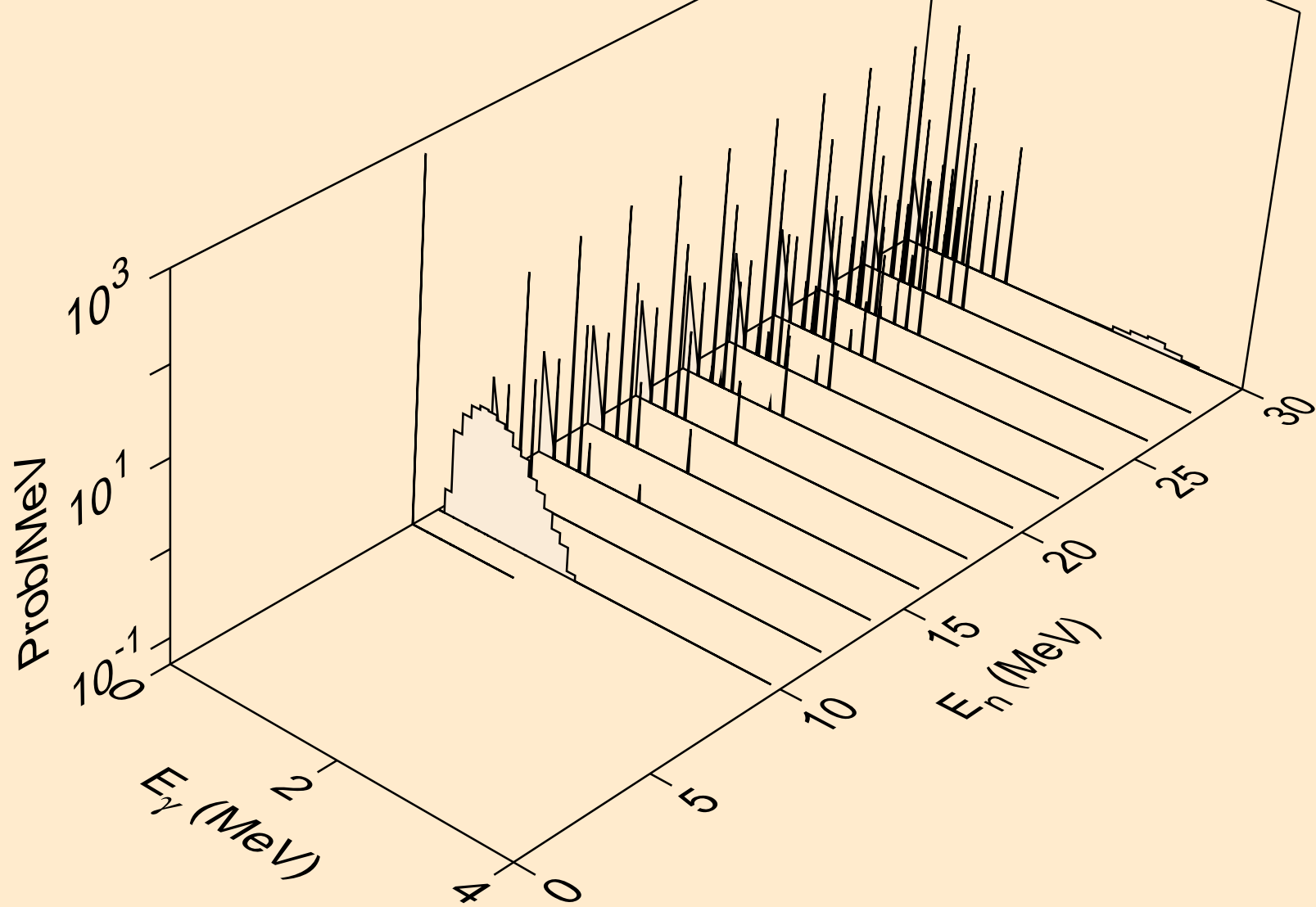
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Photon emission for (n,2n)a



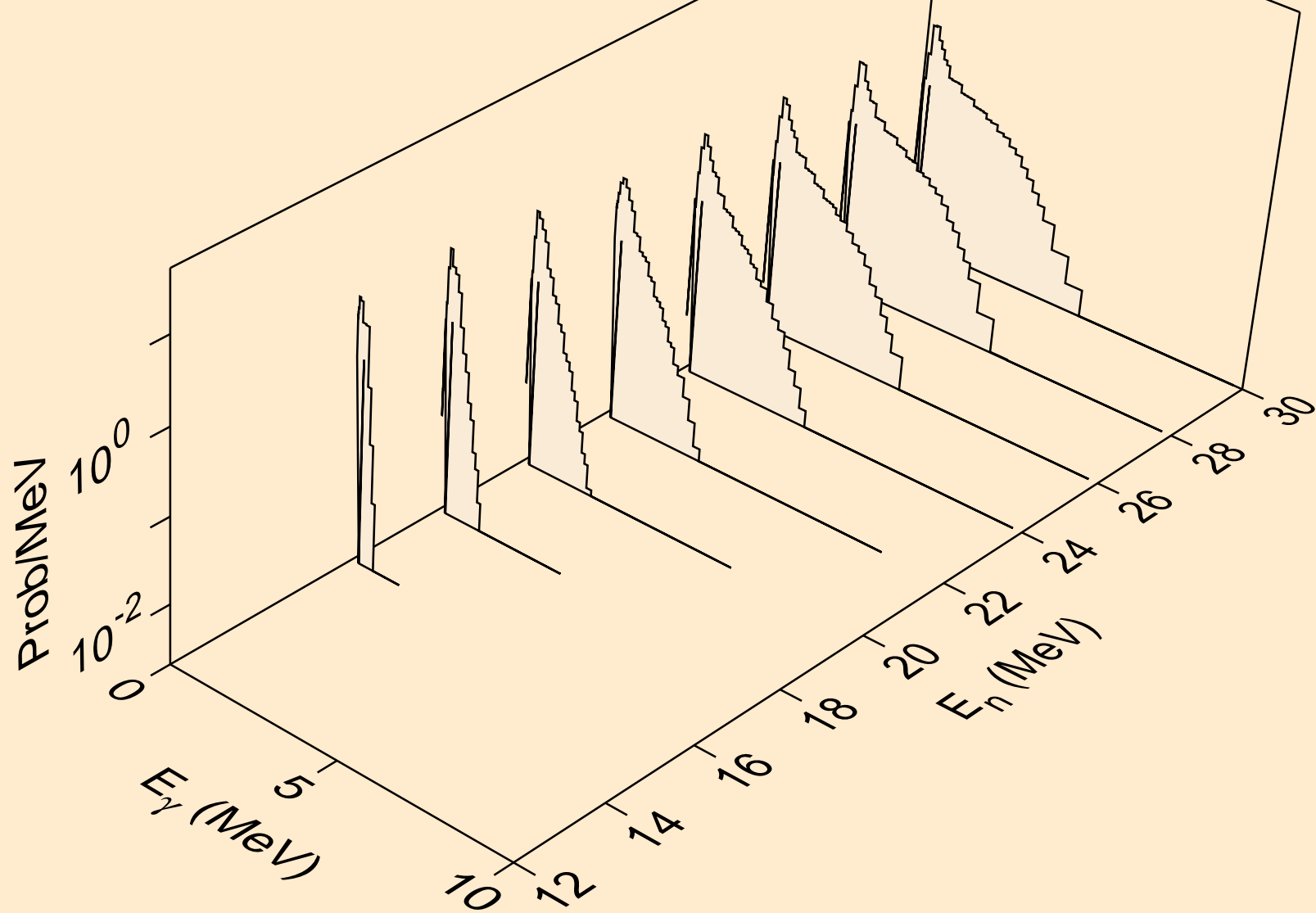
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



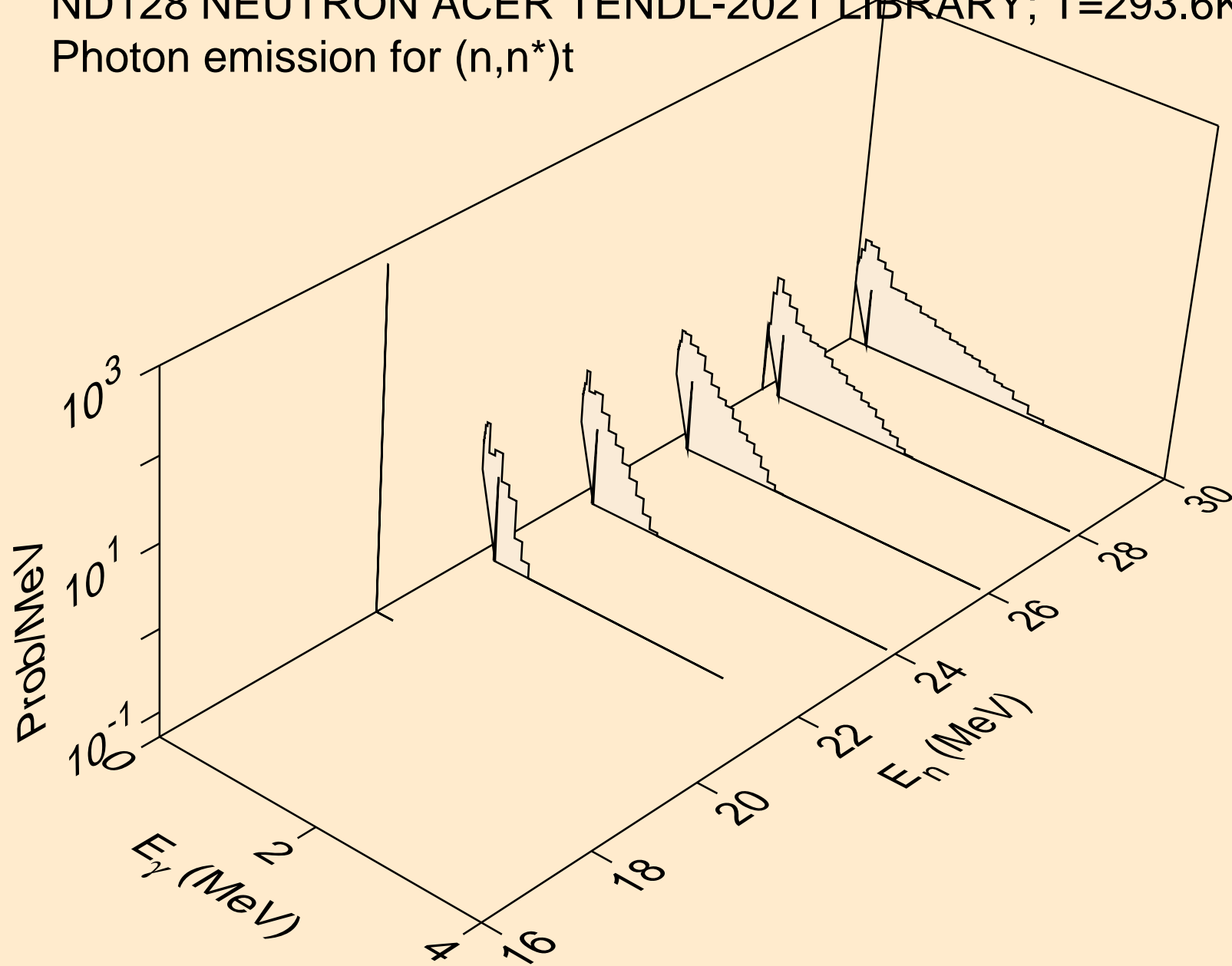
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Photon emission for (n,n\*)2a



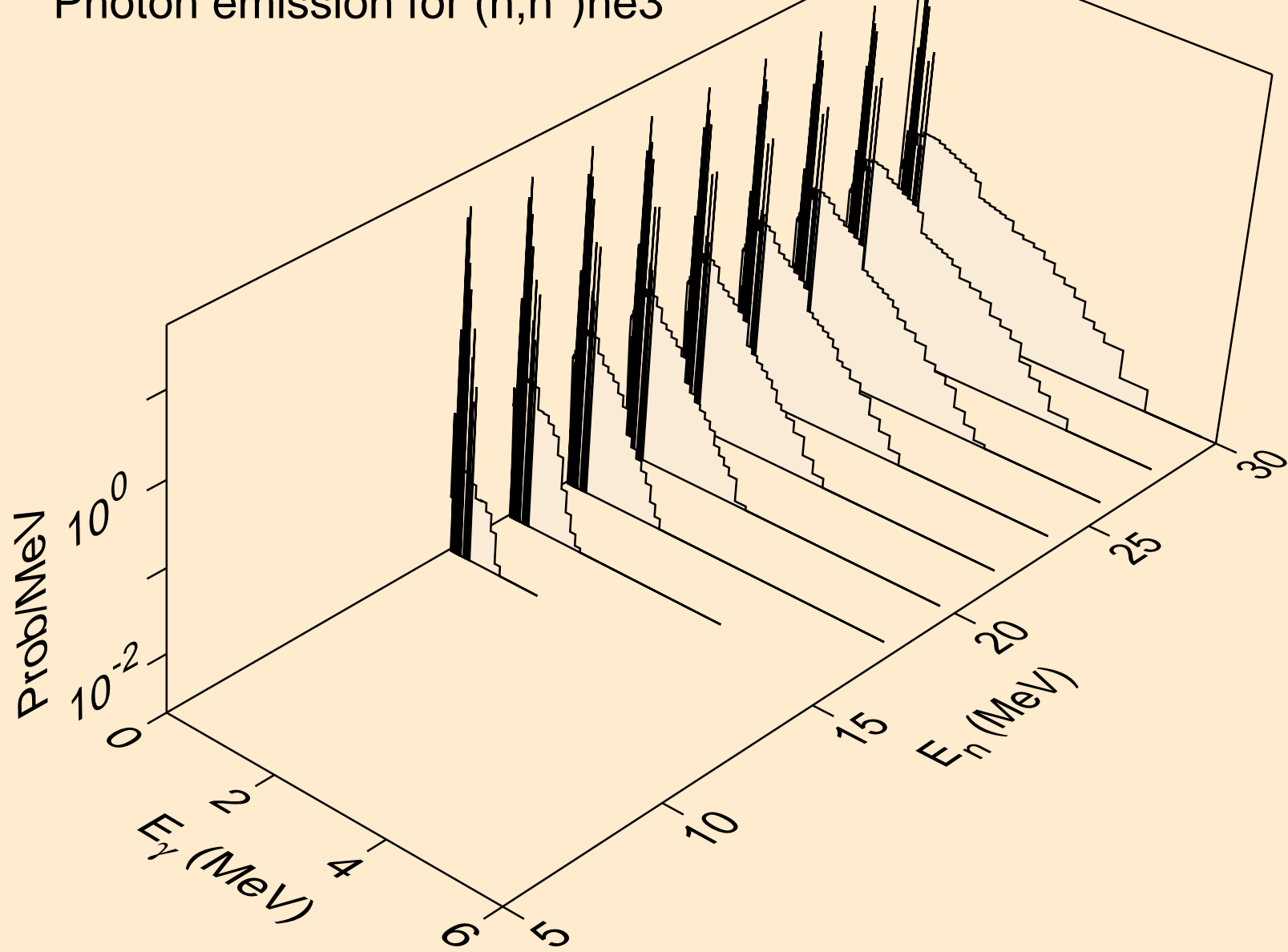
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



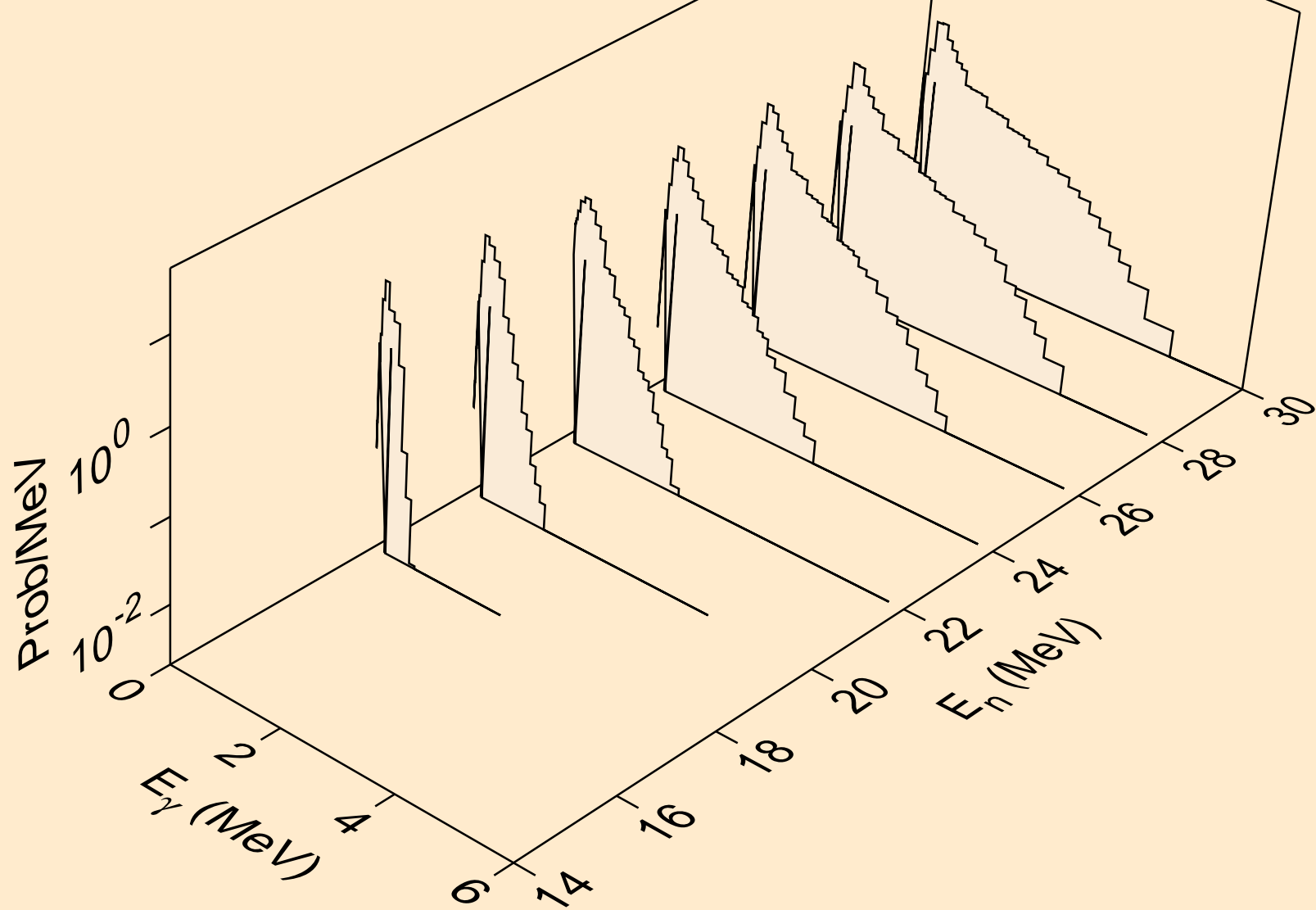
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



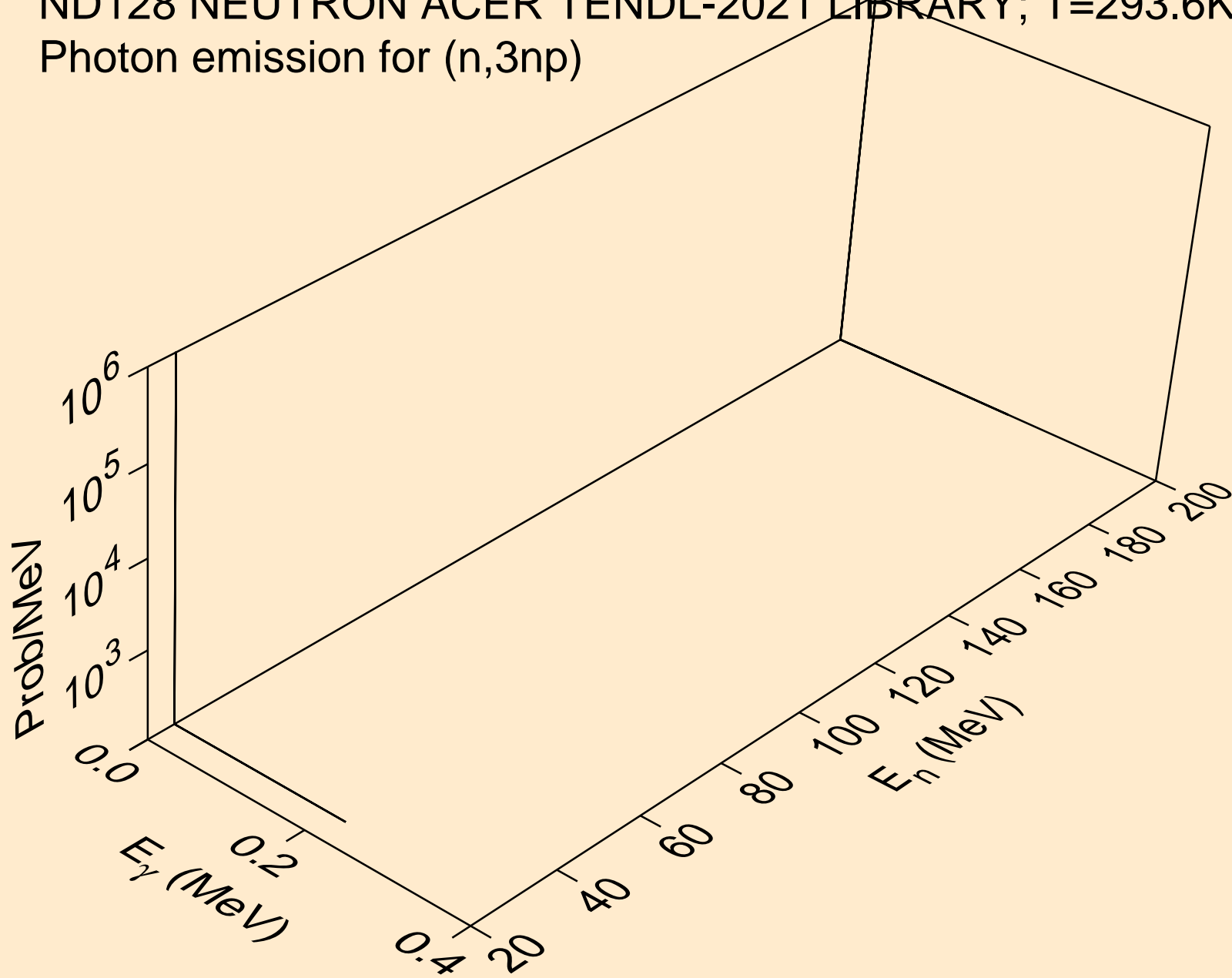
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



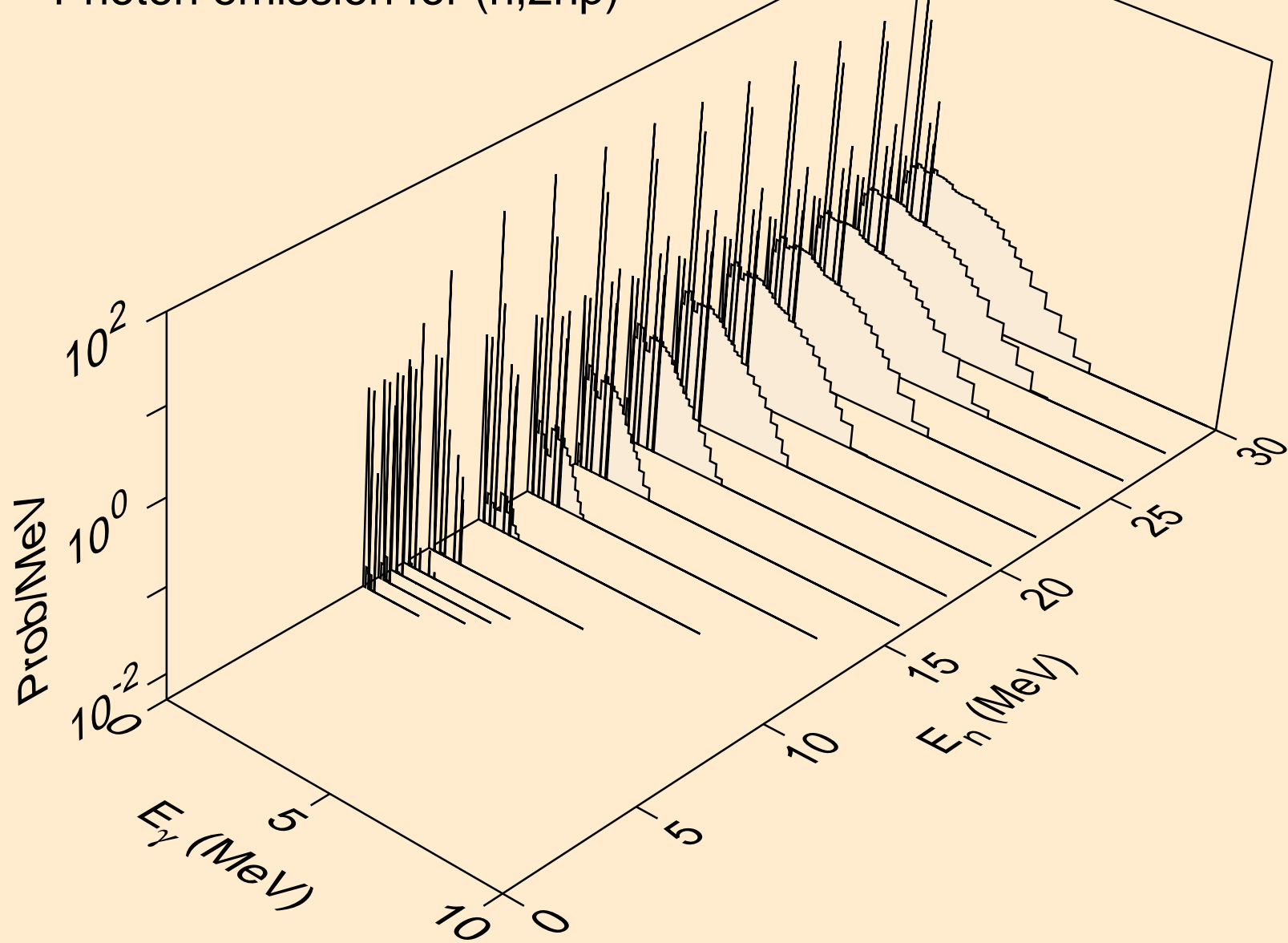
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Photon emission for (n,2np)



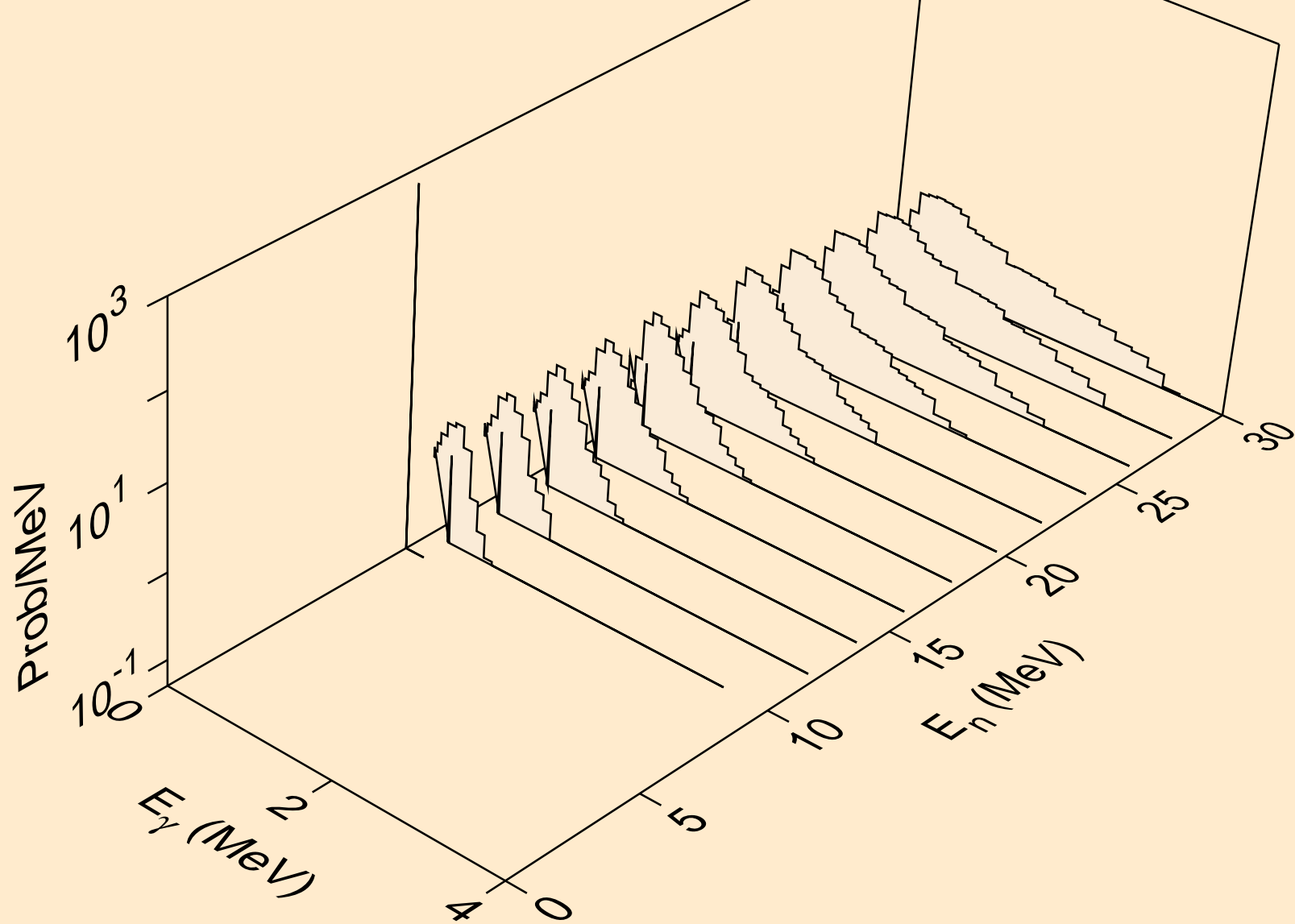
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Photon emission for (n,3np)



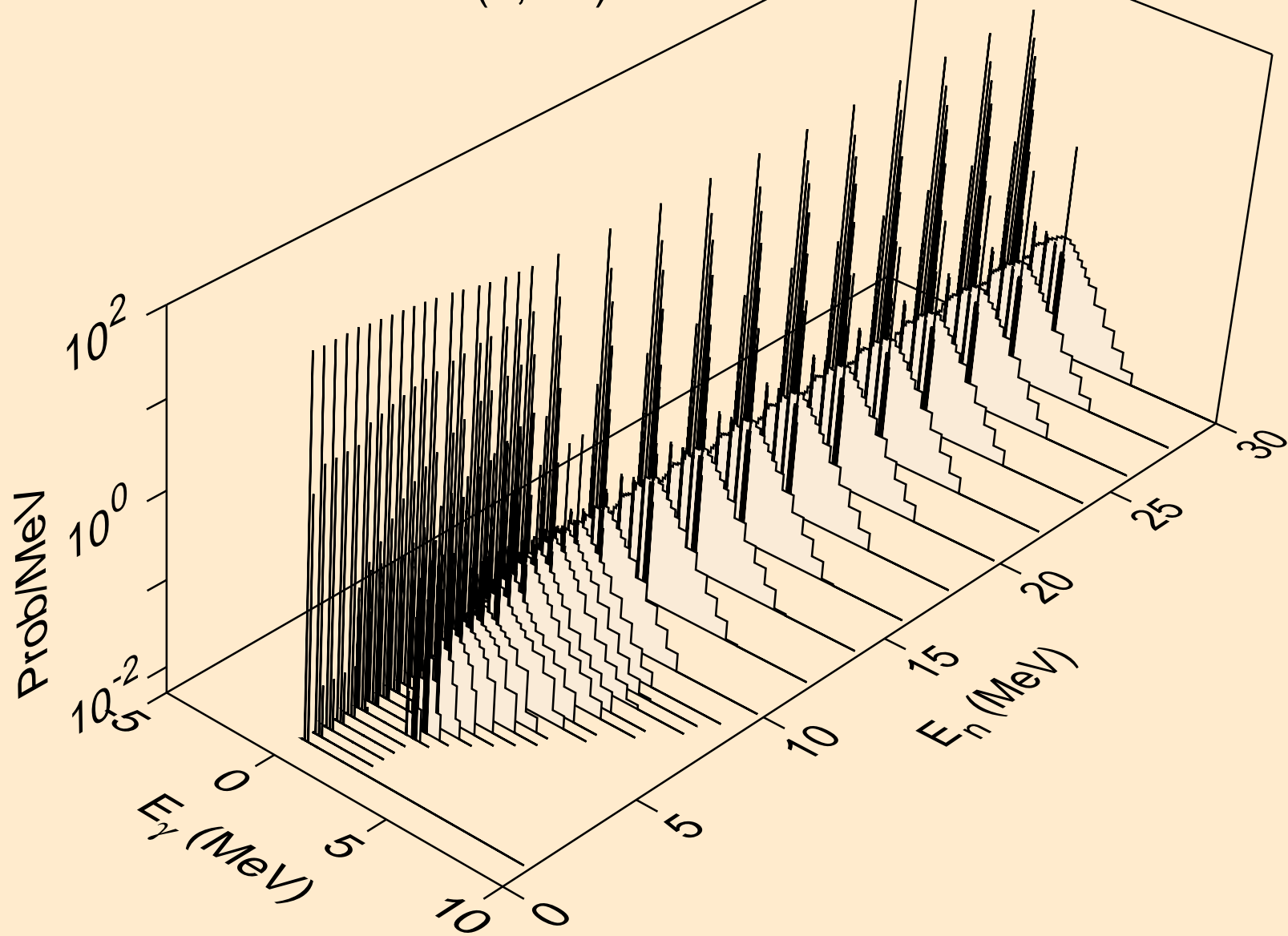
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Photon emission for (n,2np)



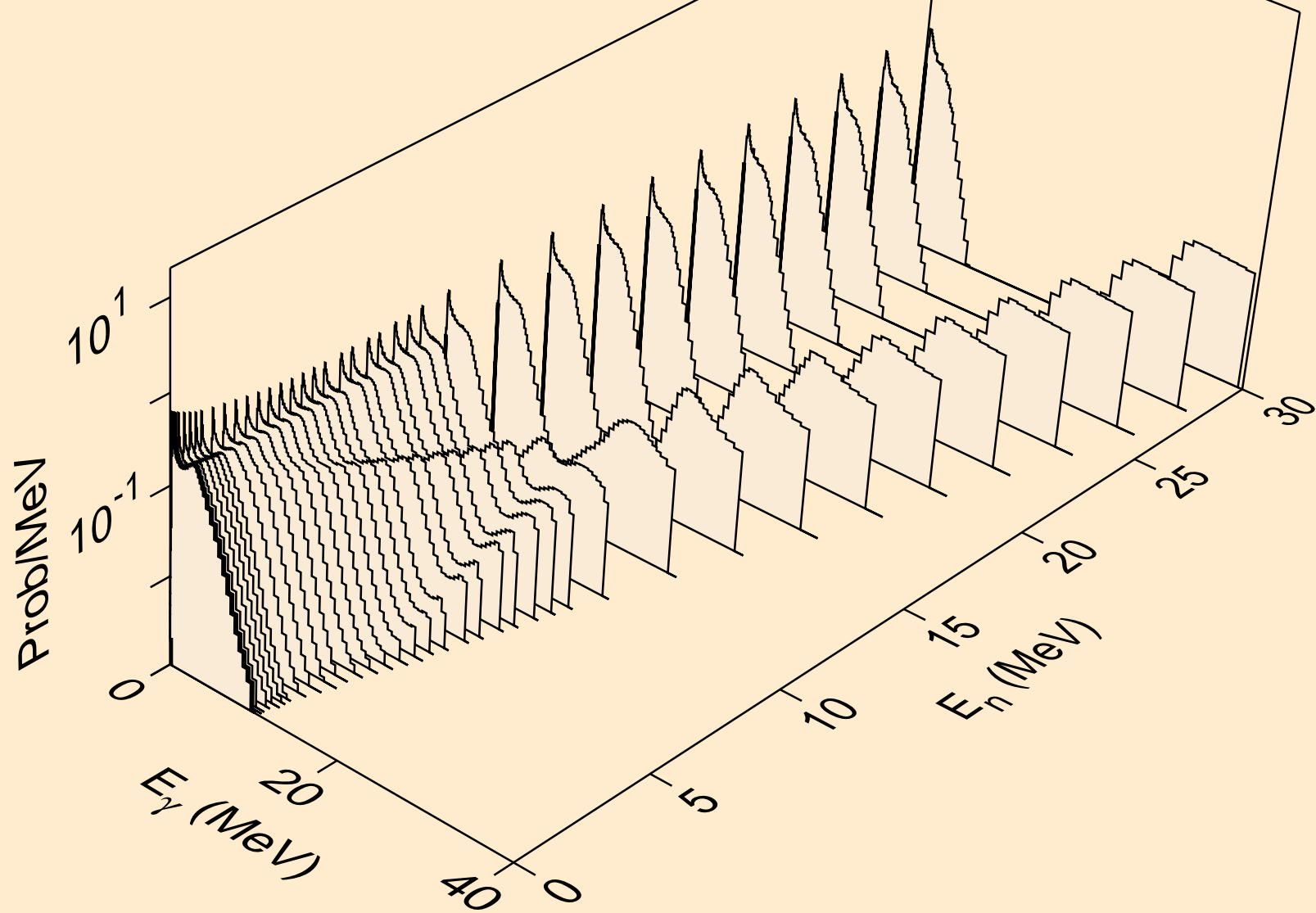
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Photon emission for (n,npa)



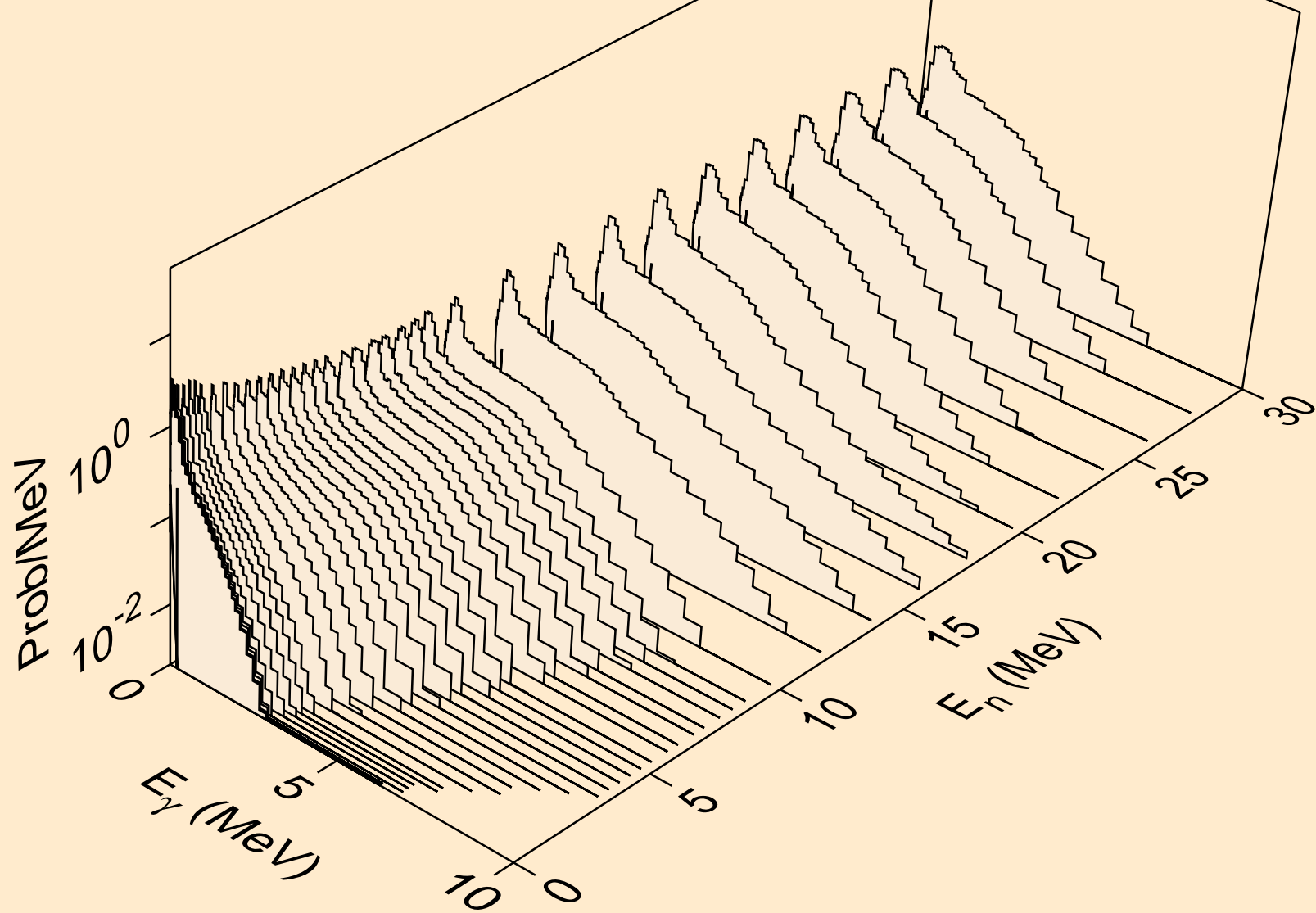
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



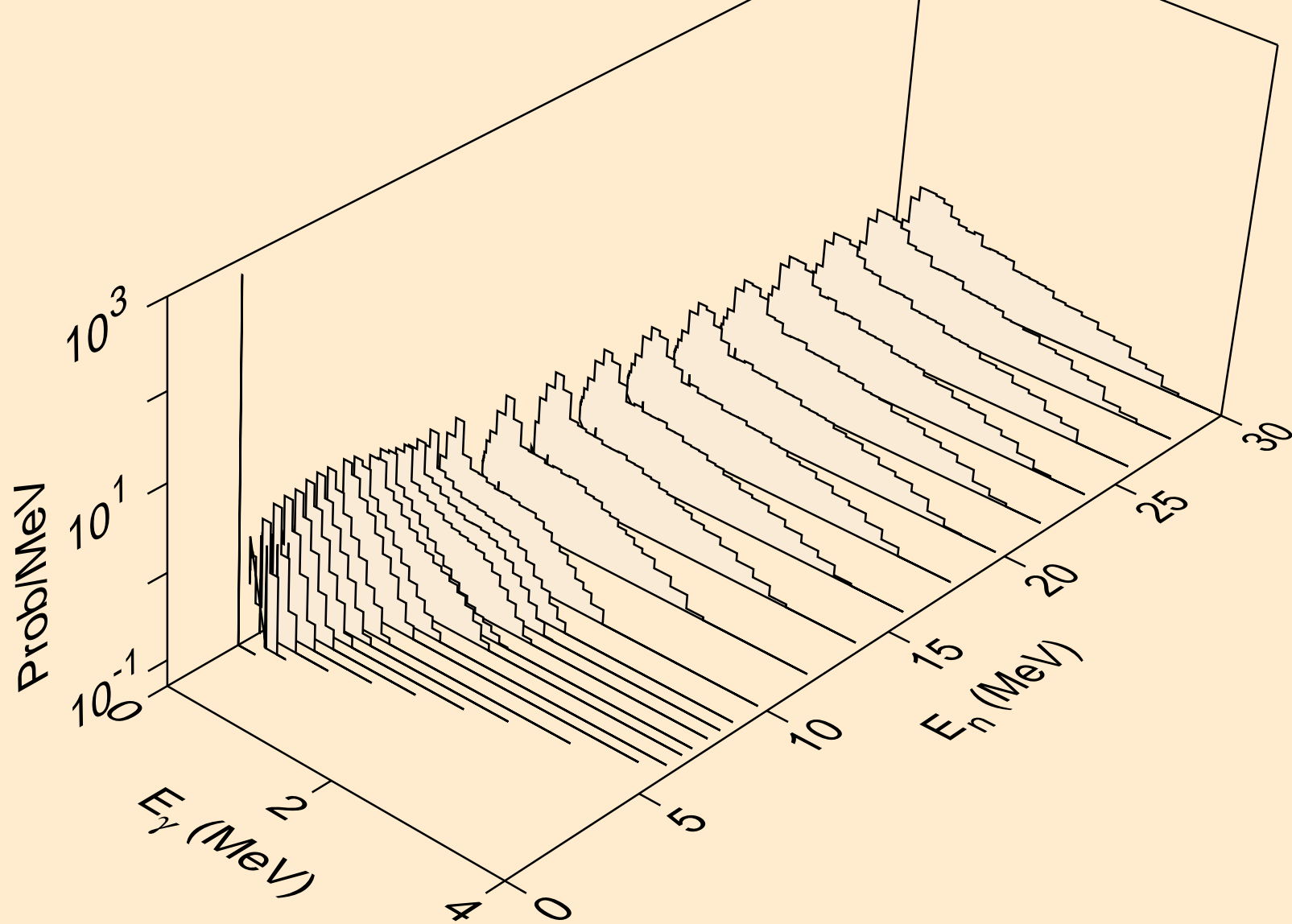
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Photon emission for (n,gma)



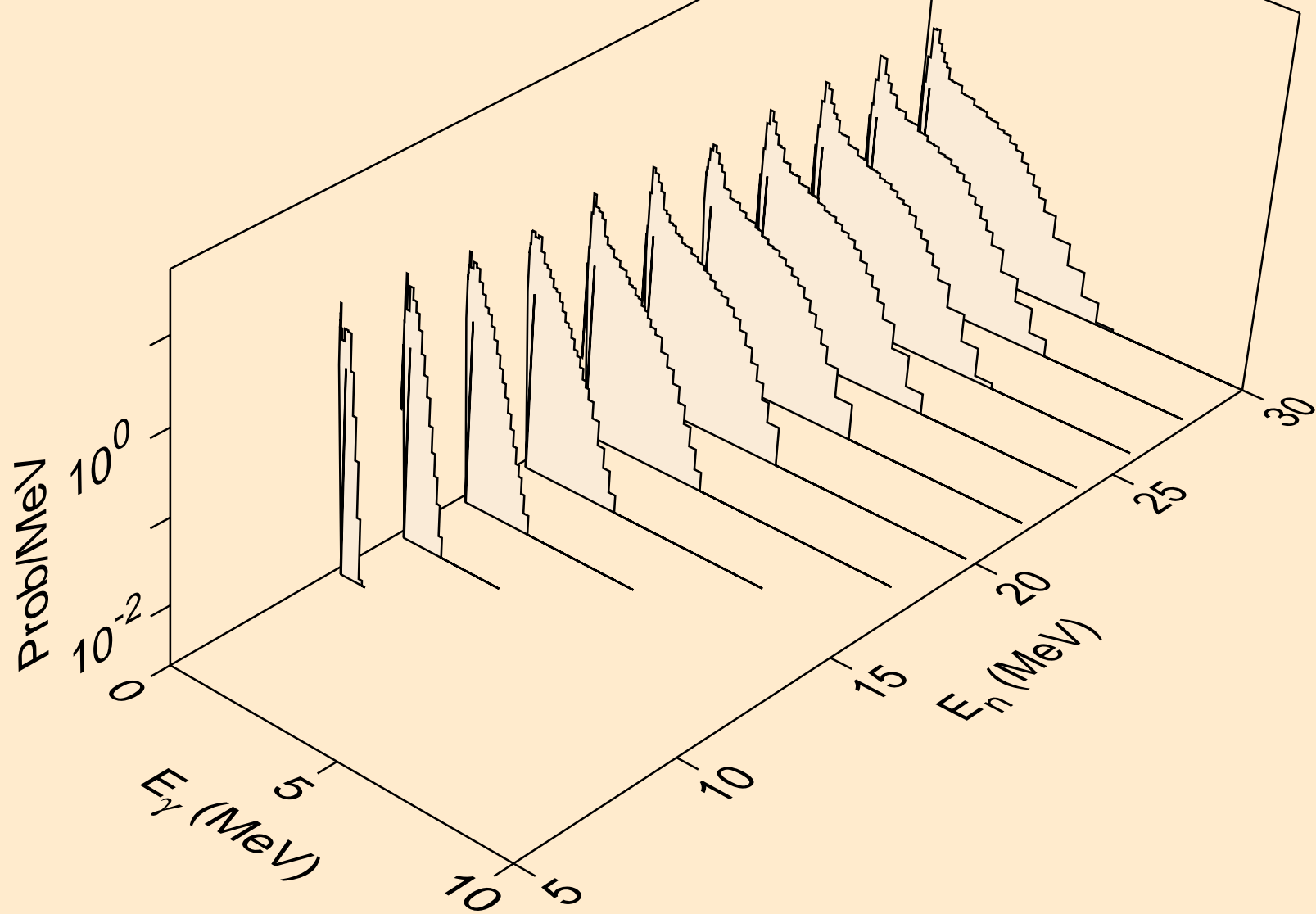
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Photon emission for (n,p)



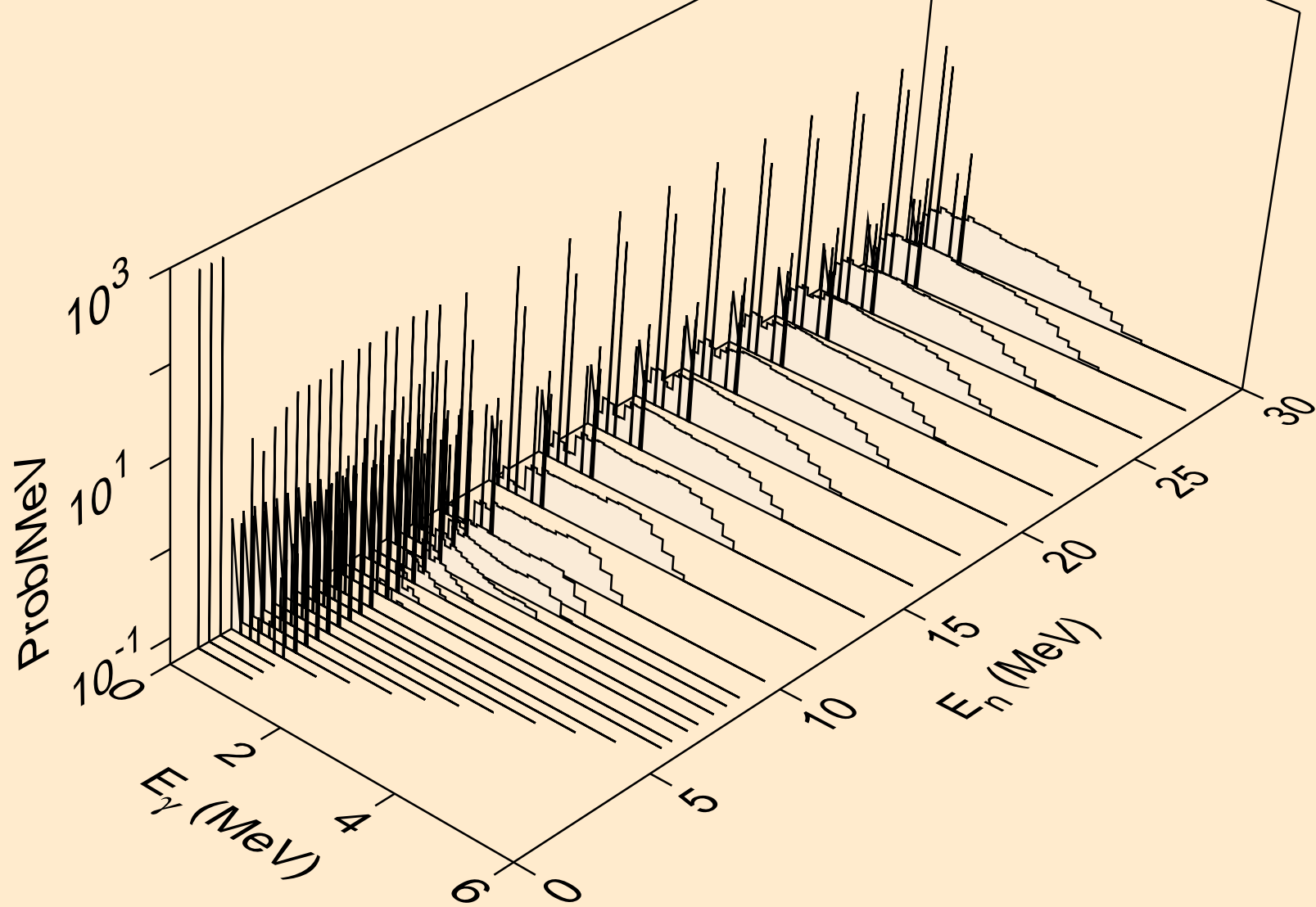
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Photon emission for (n,d)



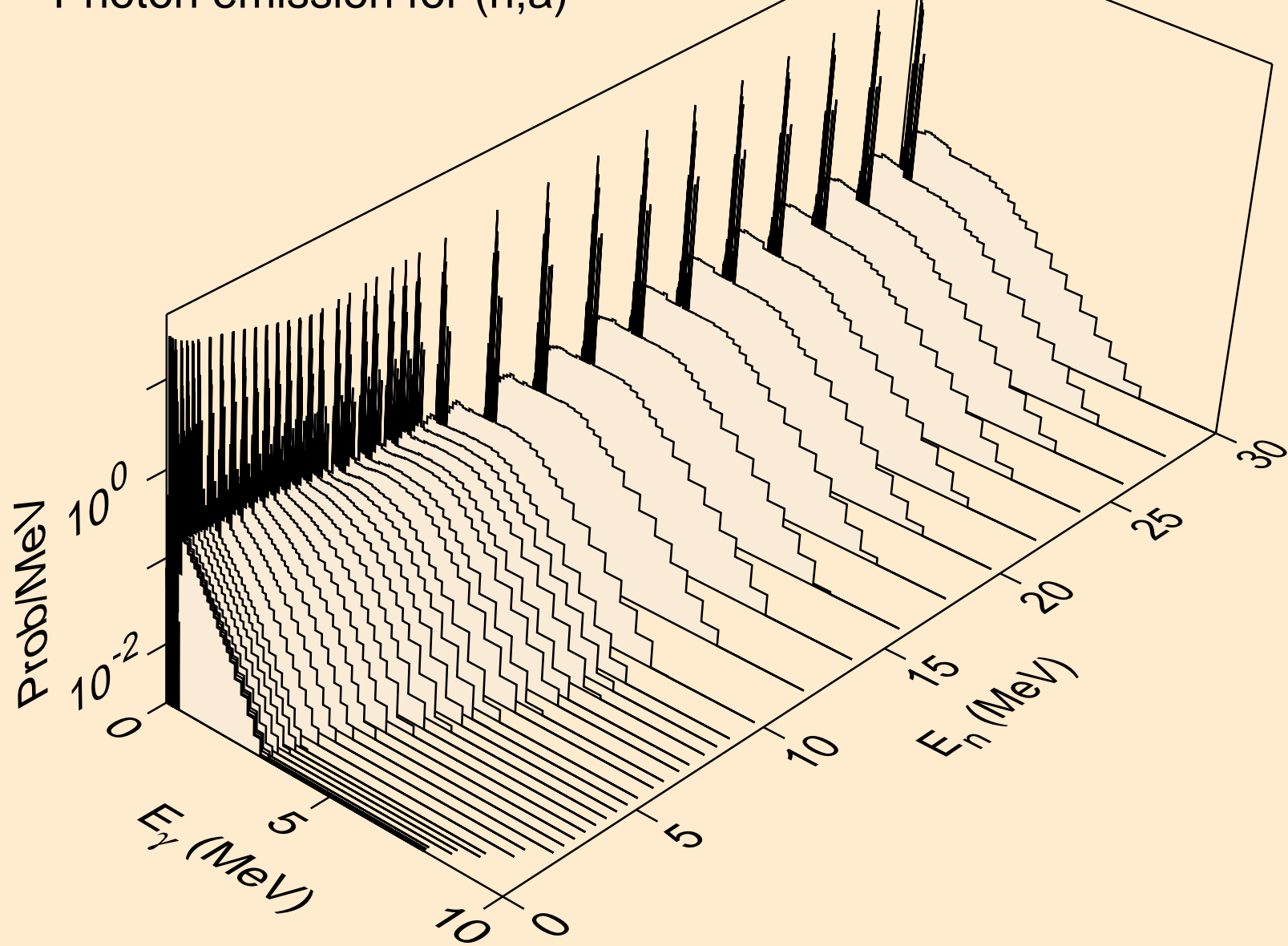
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



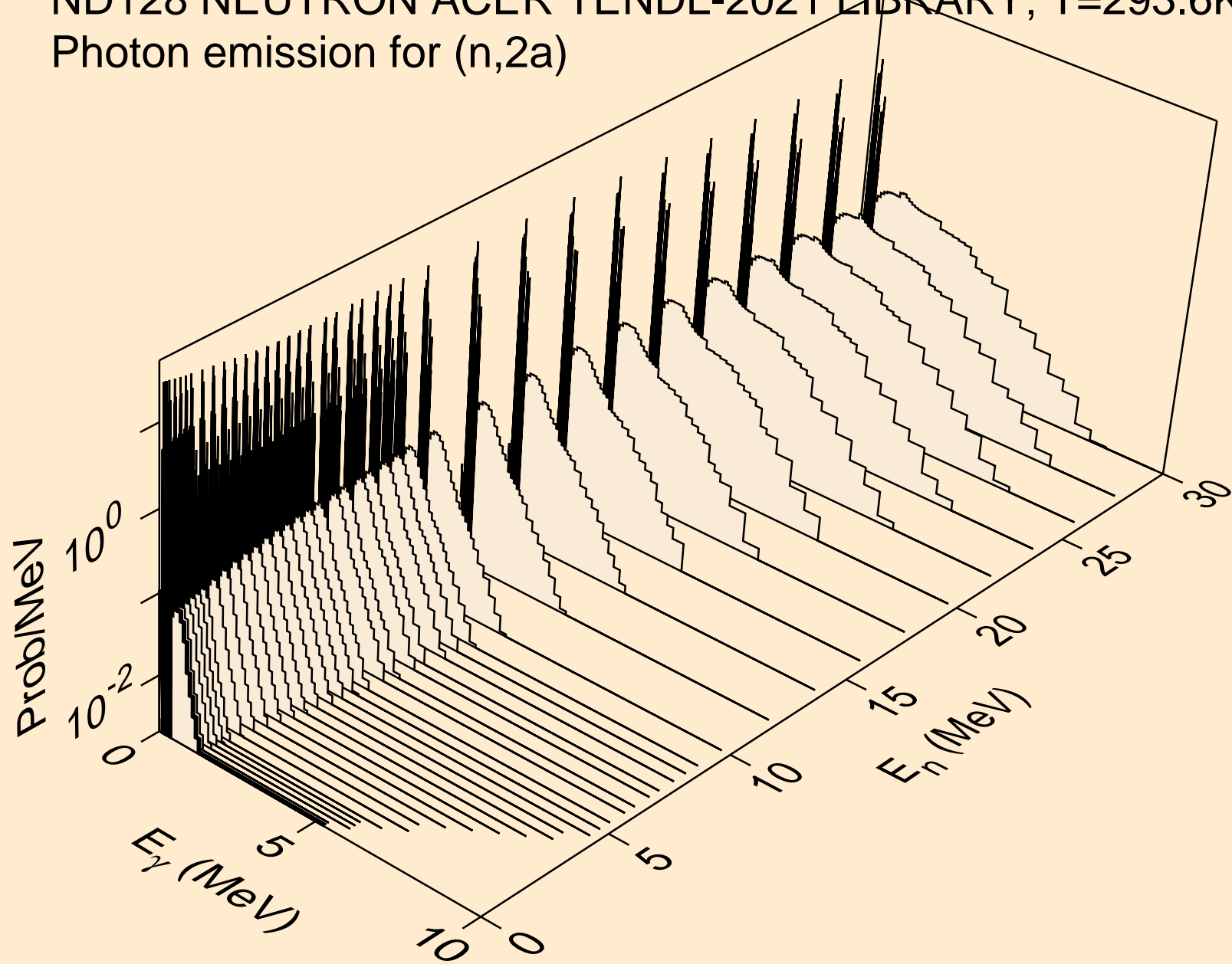
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Photon emission for (n,he3)



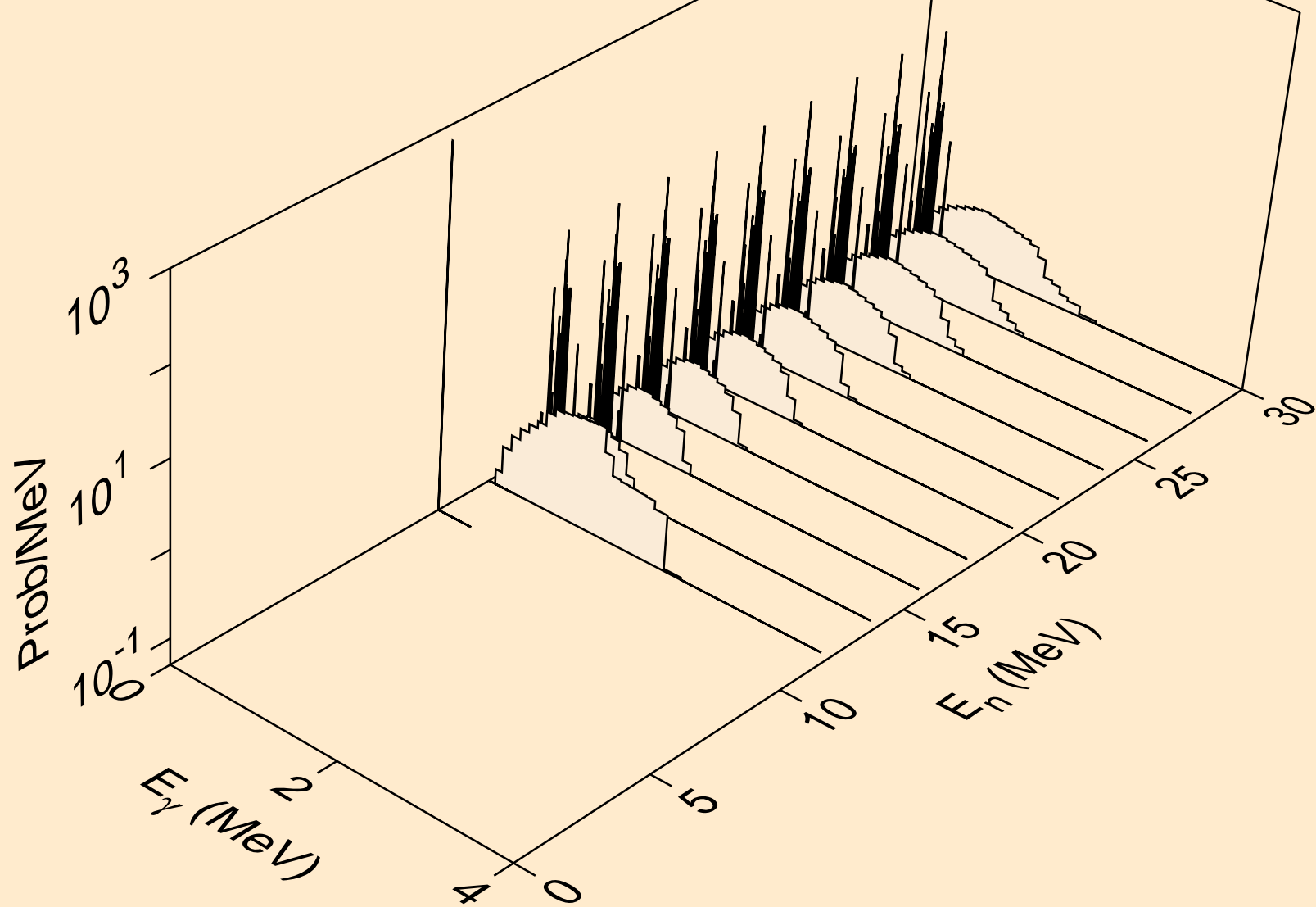
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



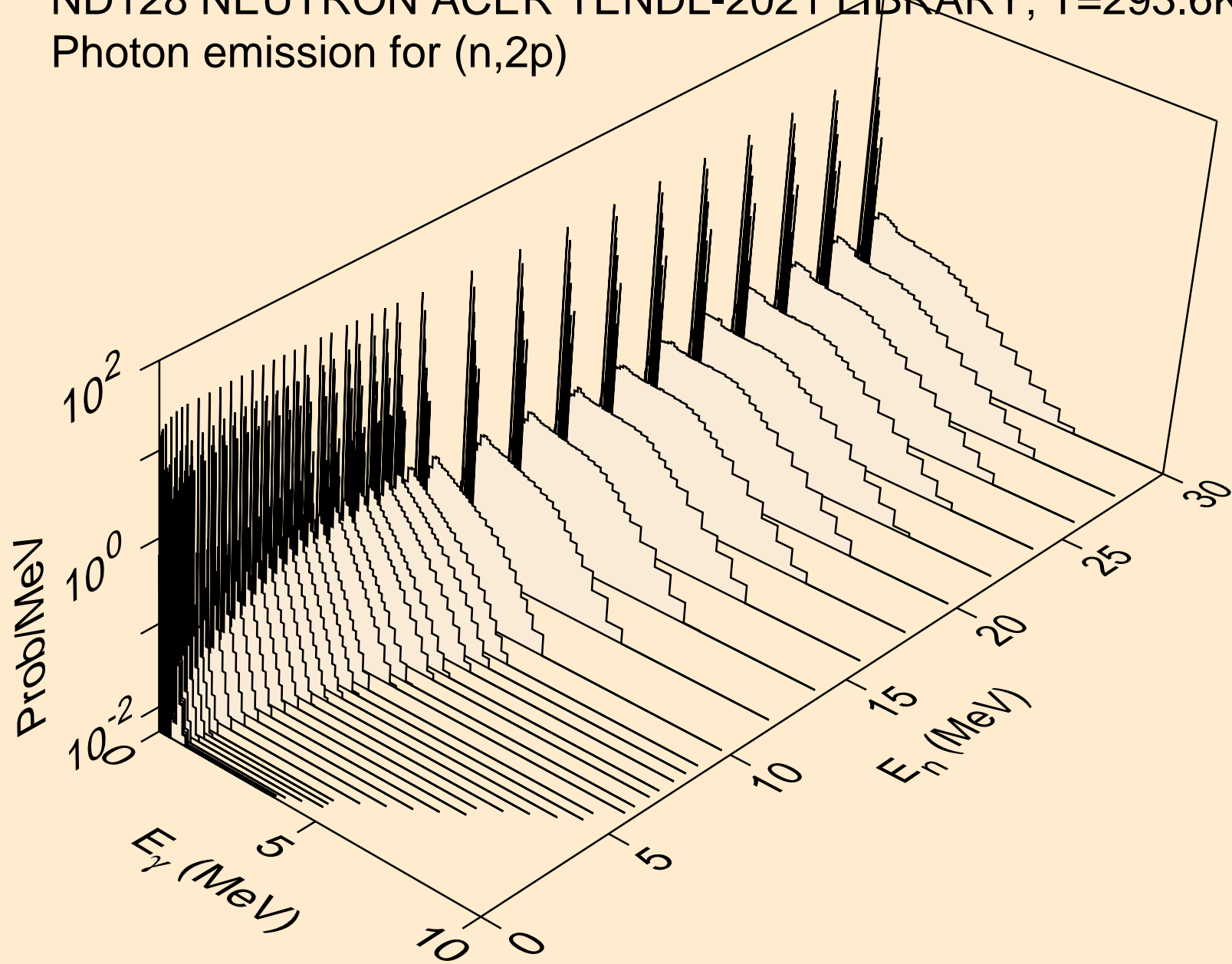
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



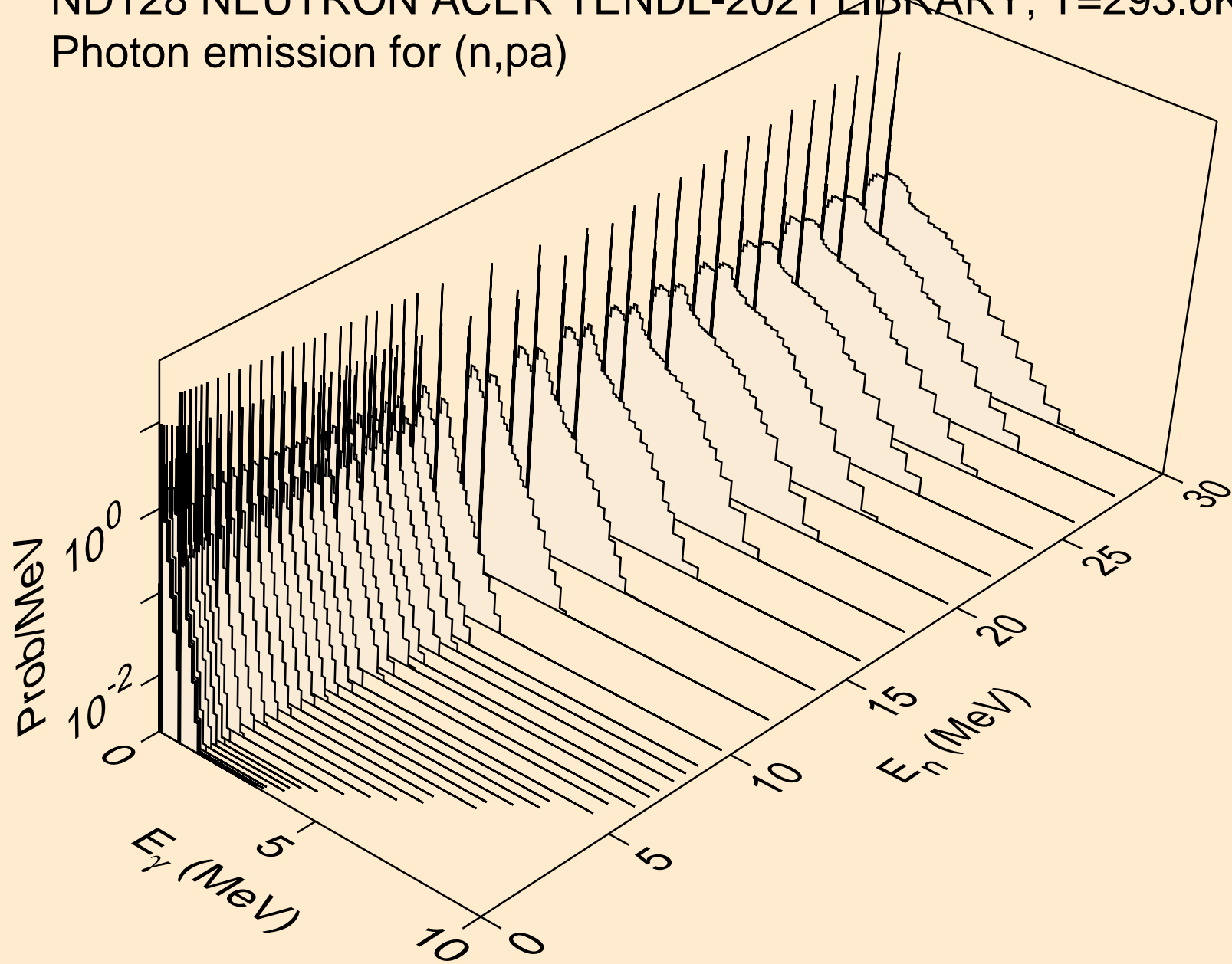
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3a)



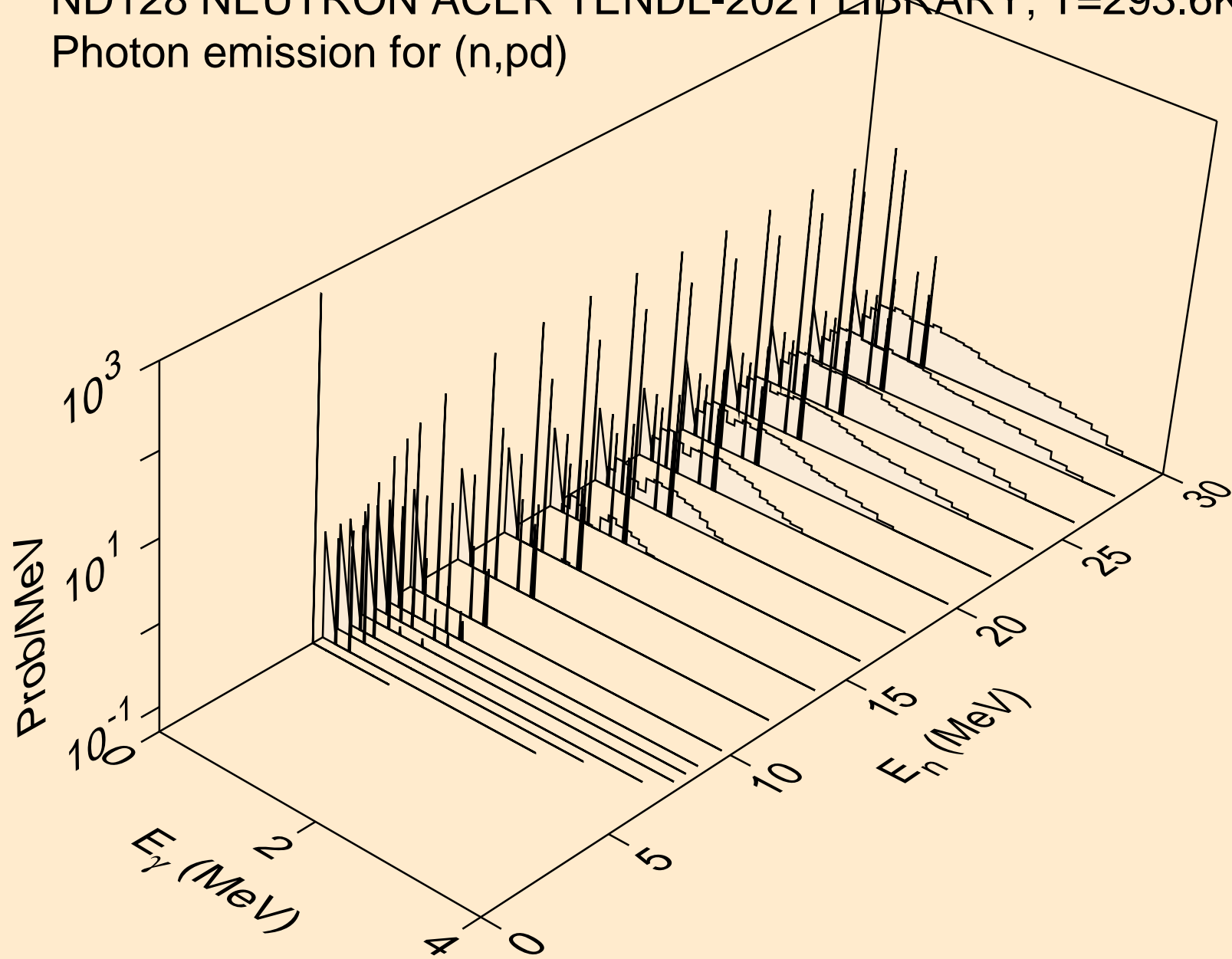
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



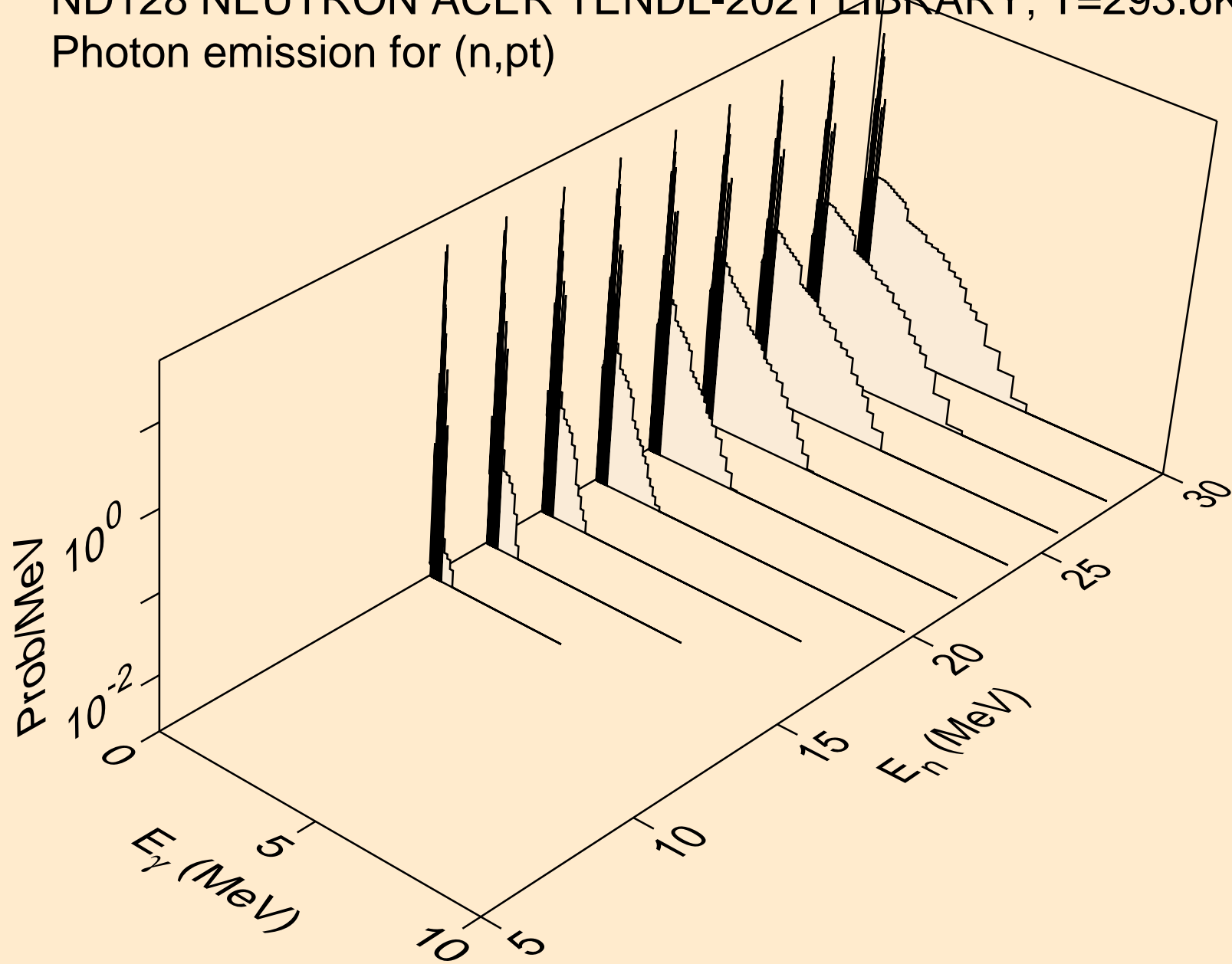
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



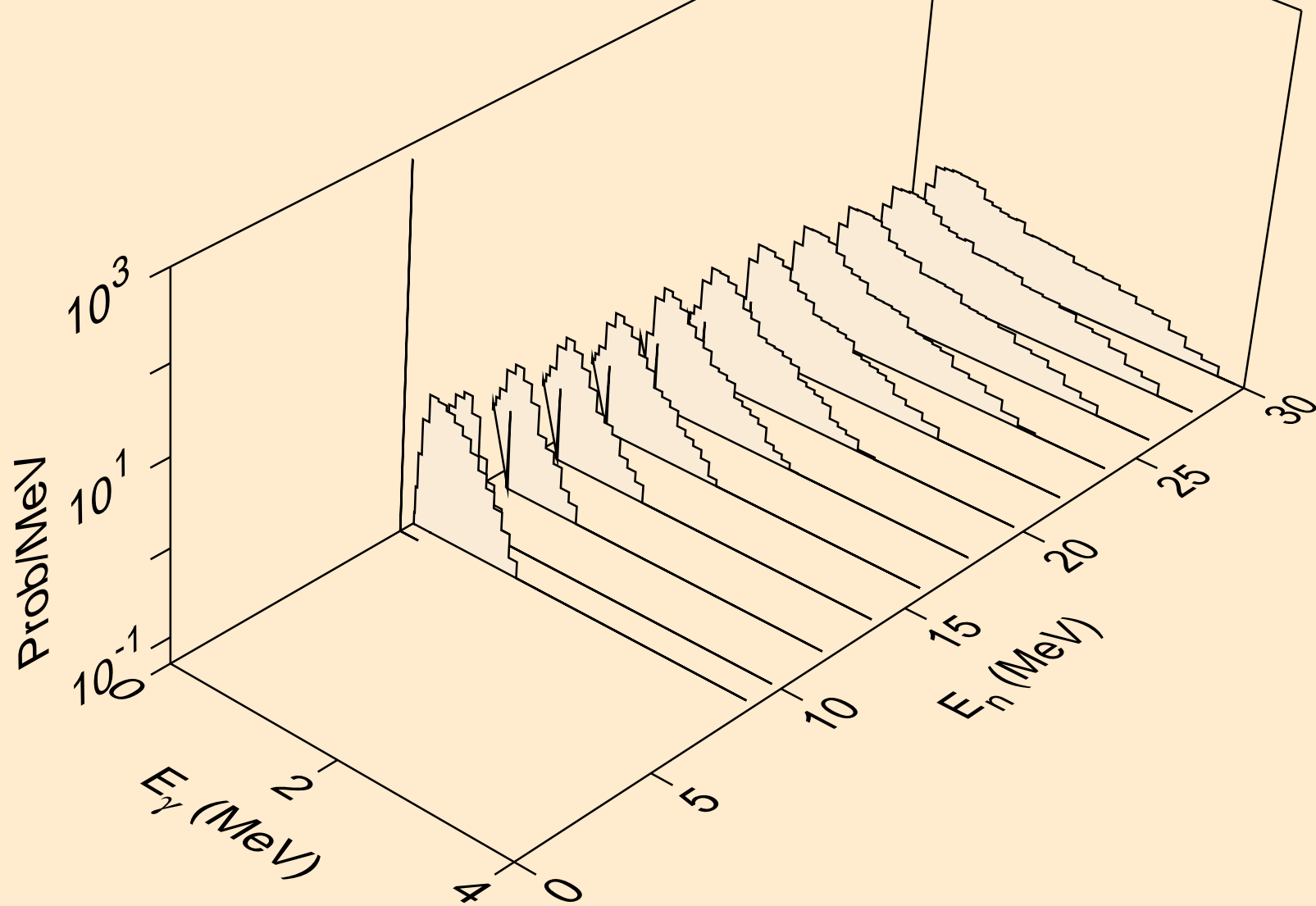
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



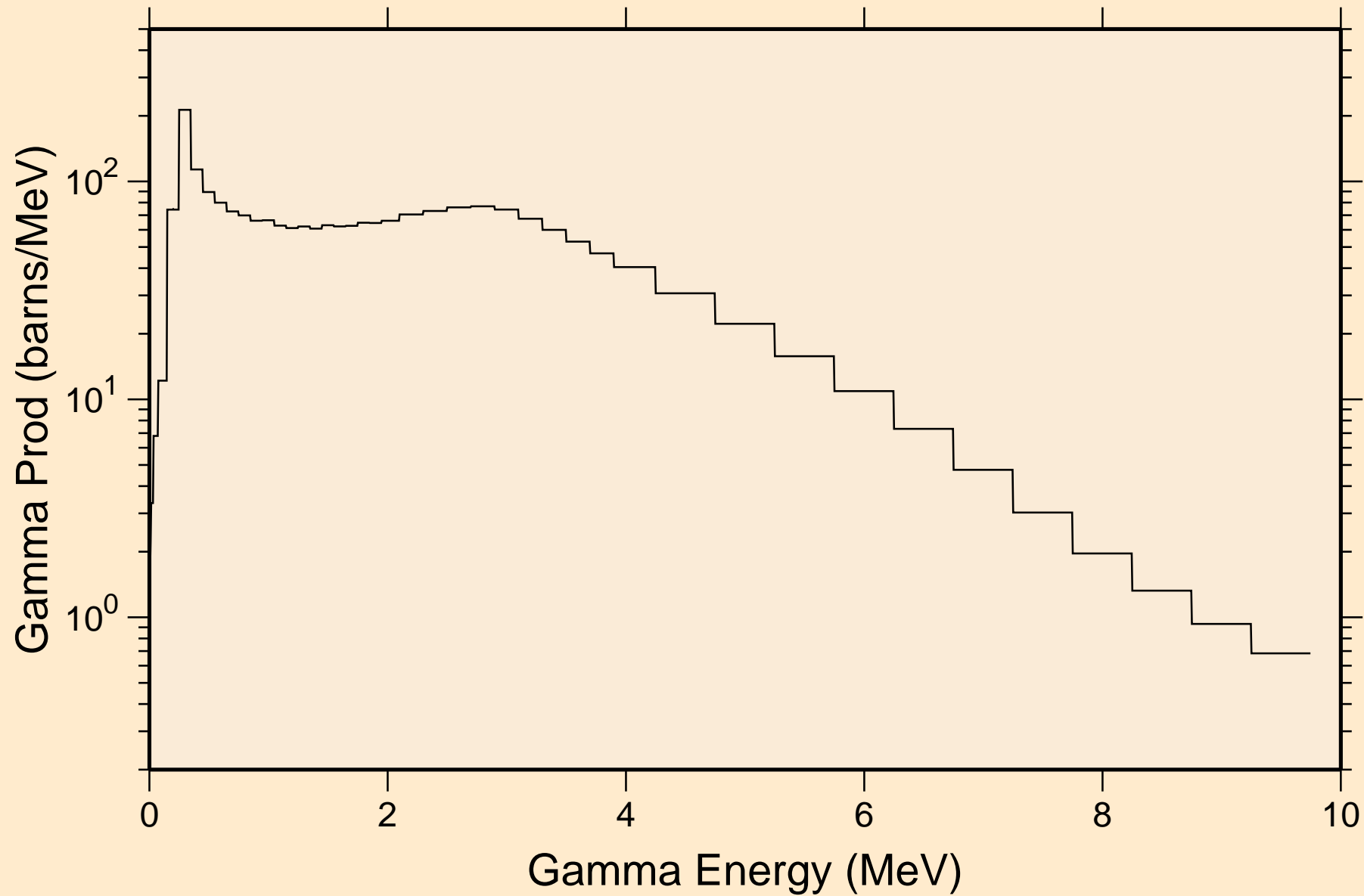
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



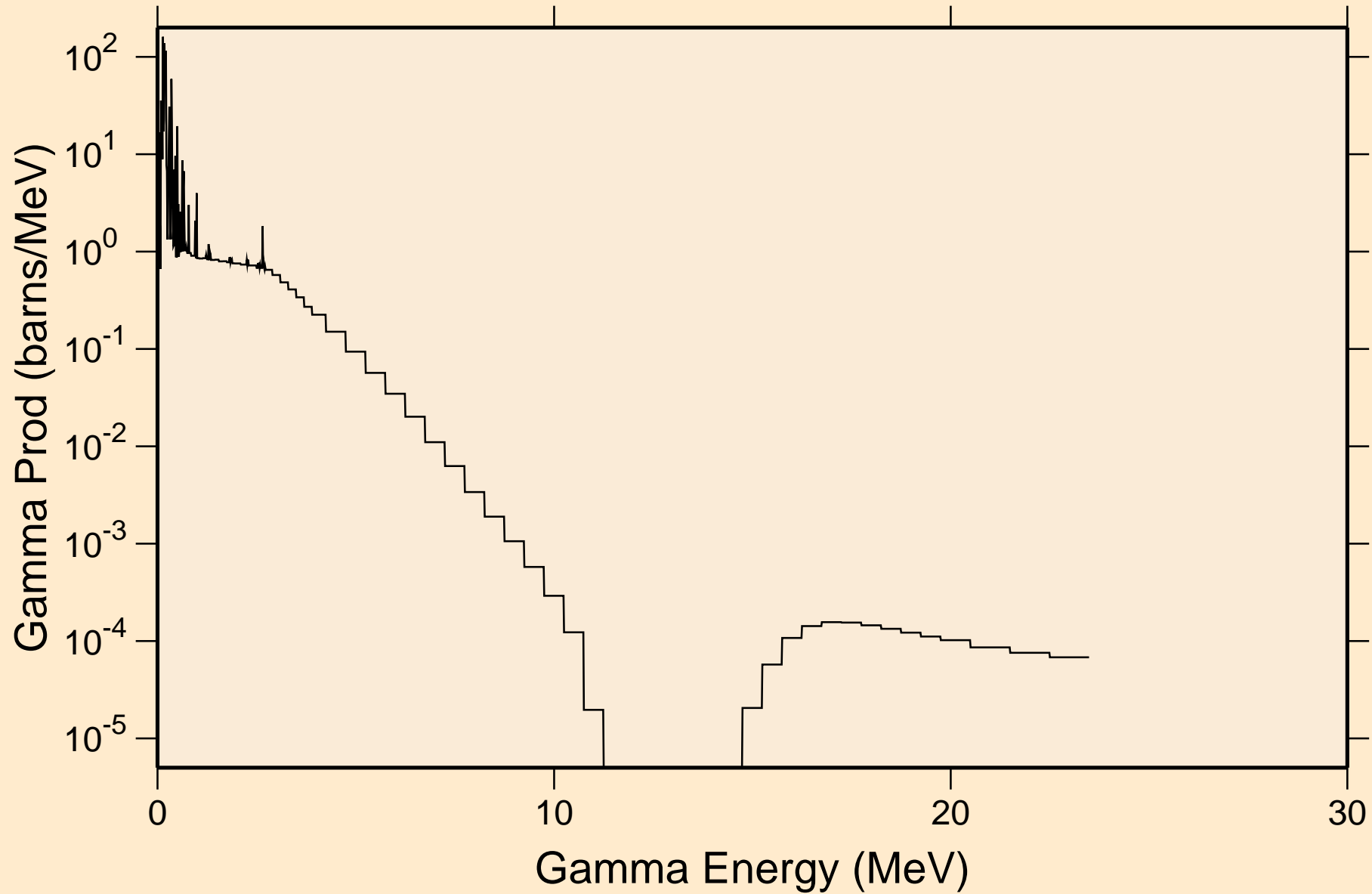
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

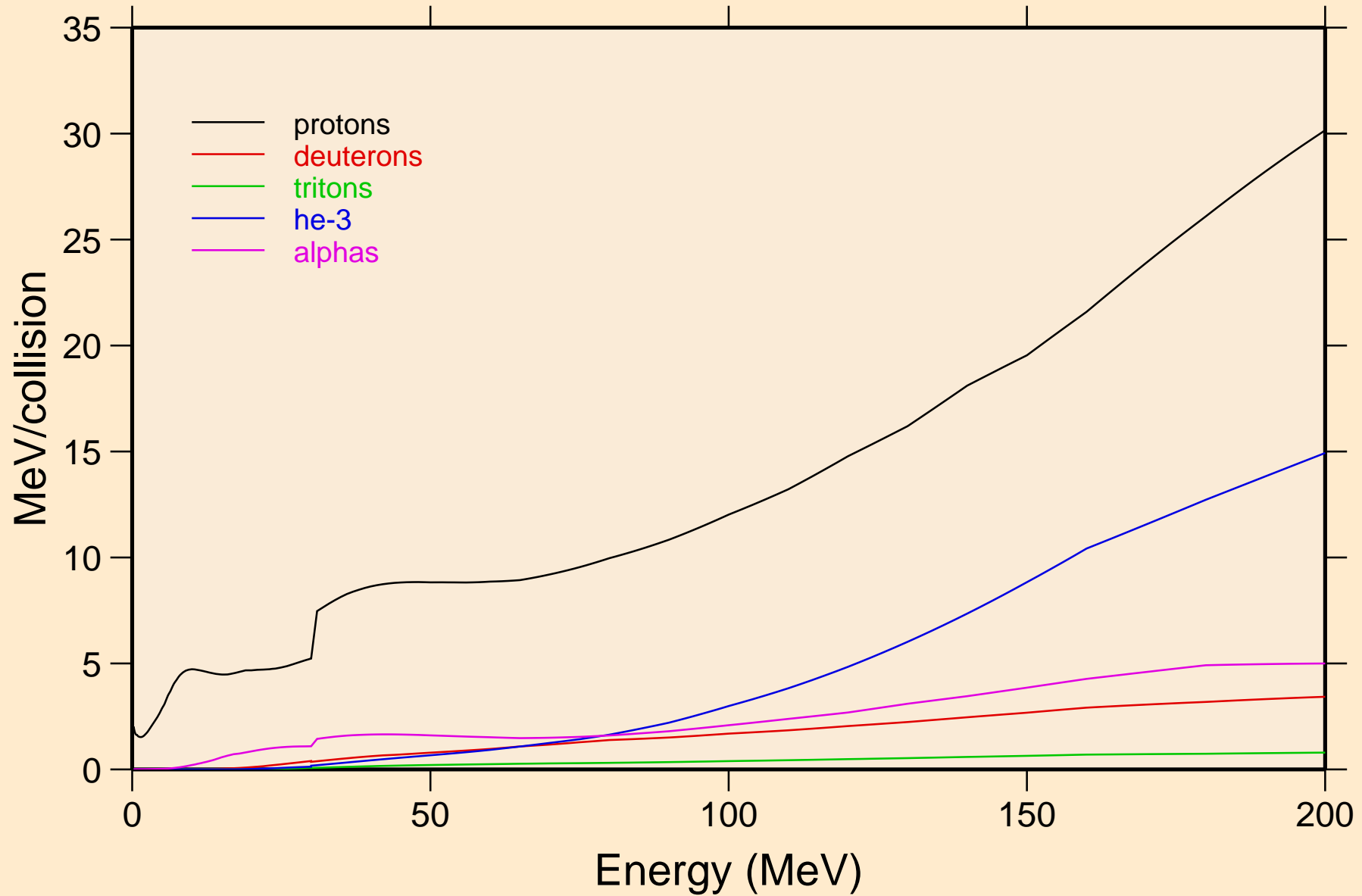


ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

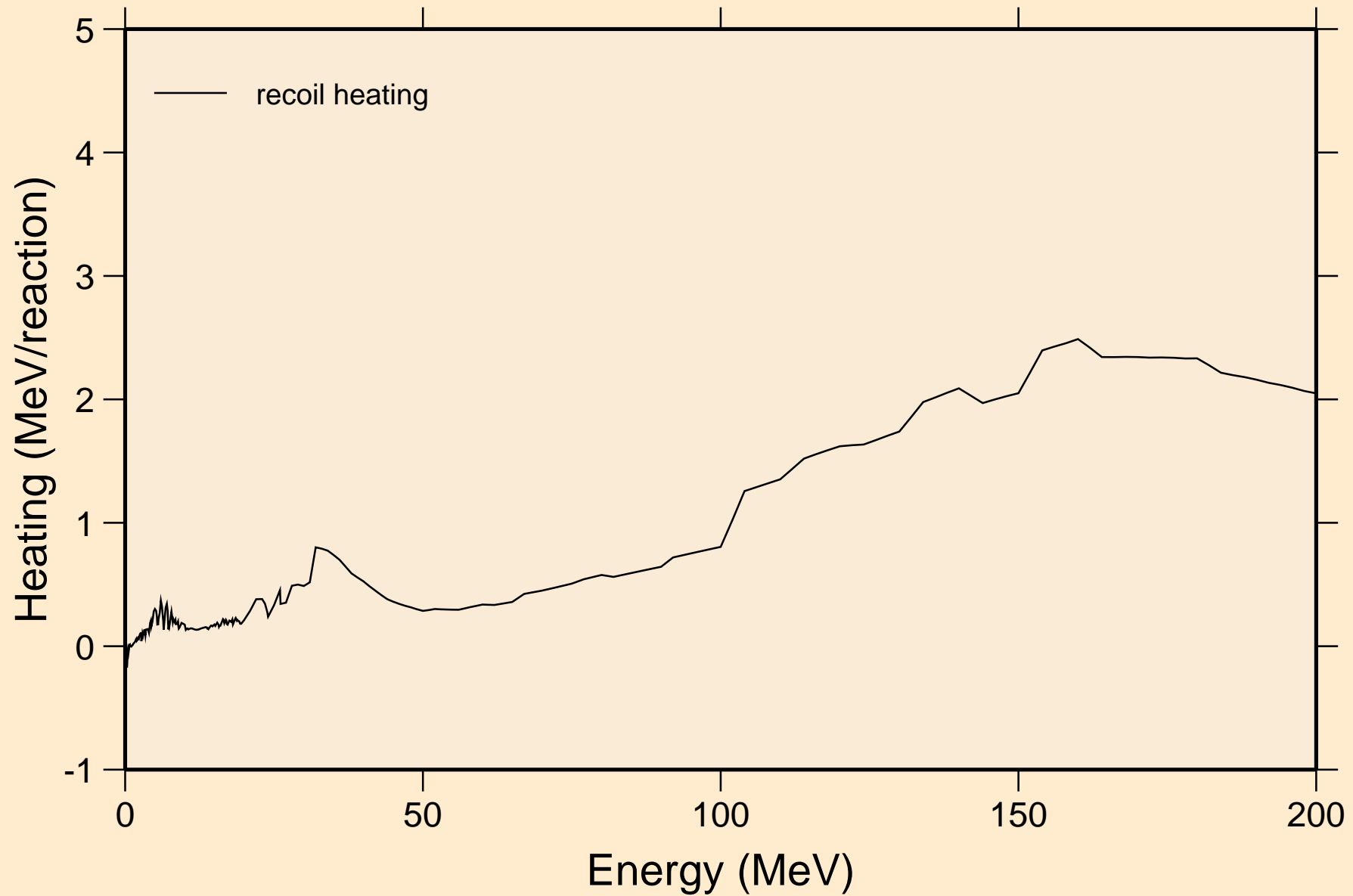


# ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions

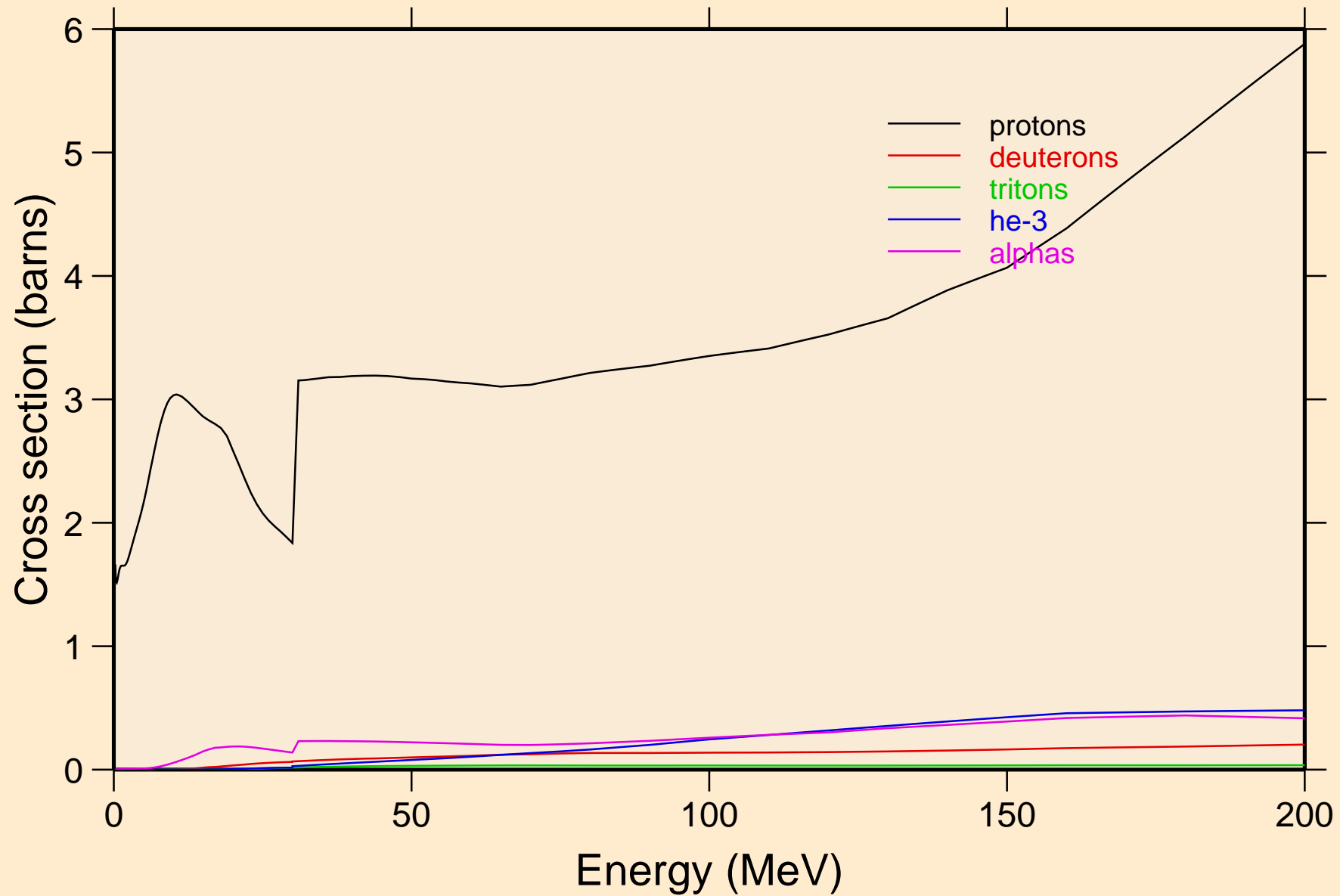


ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating

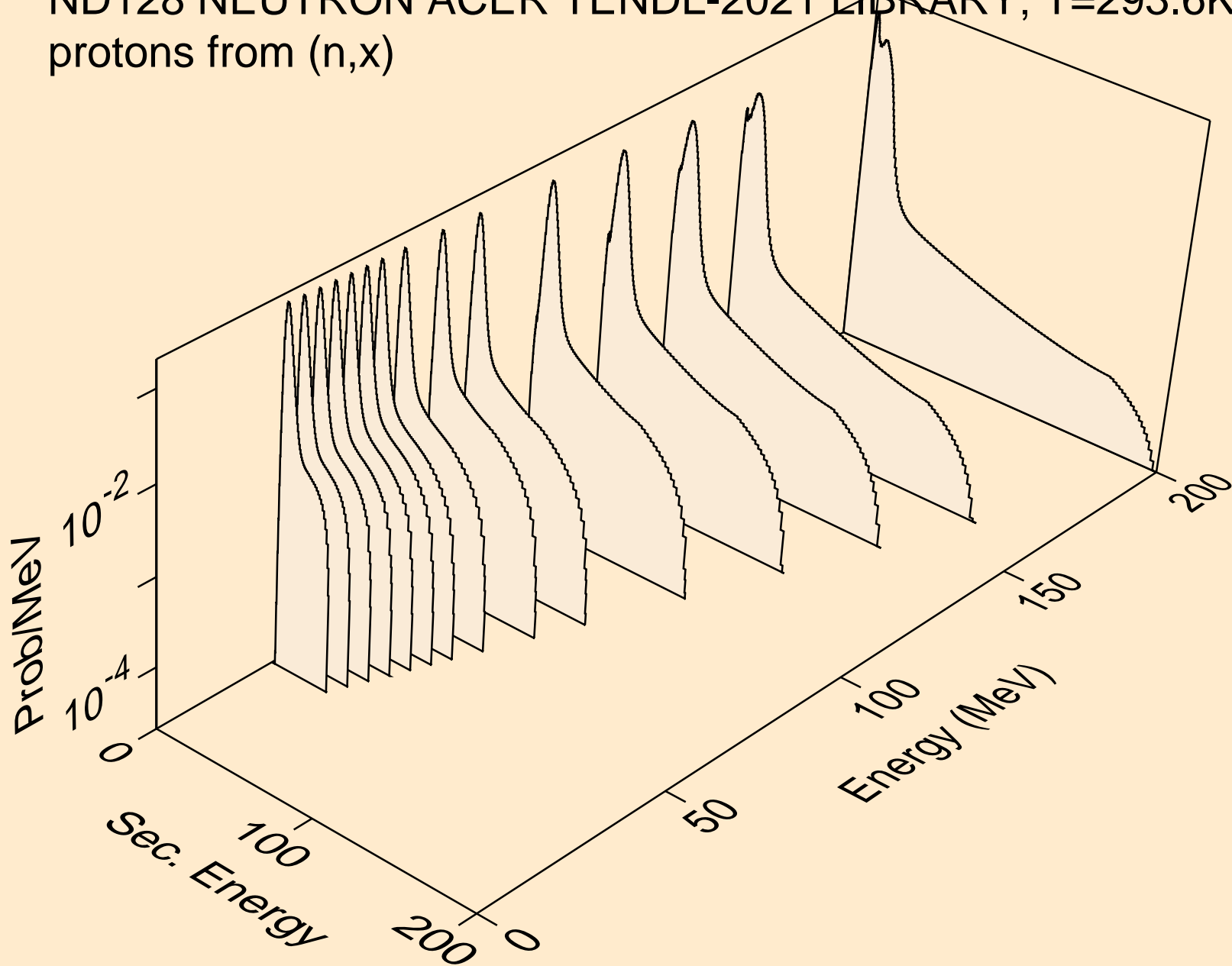


# ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

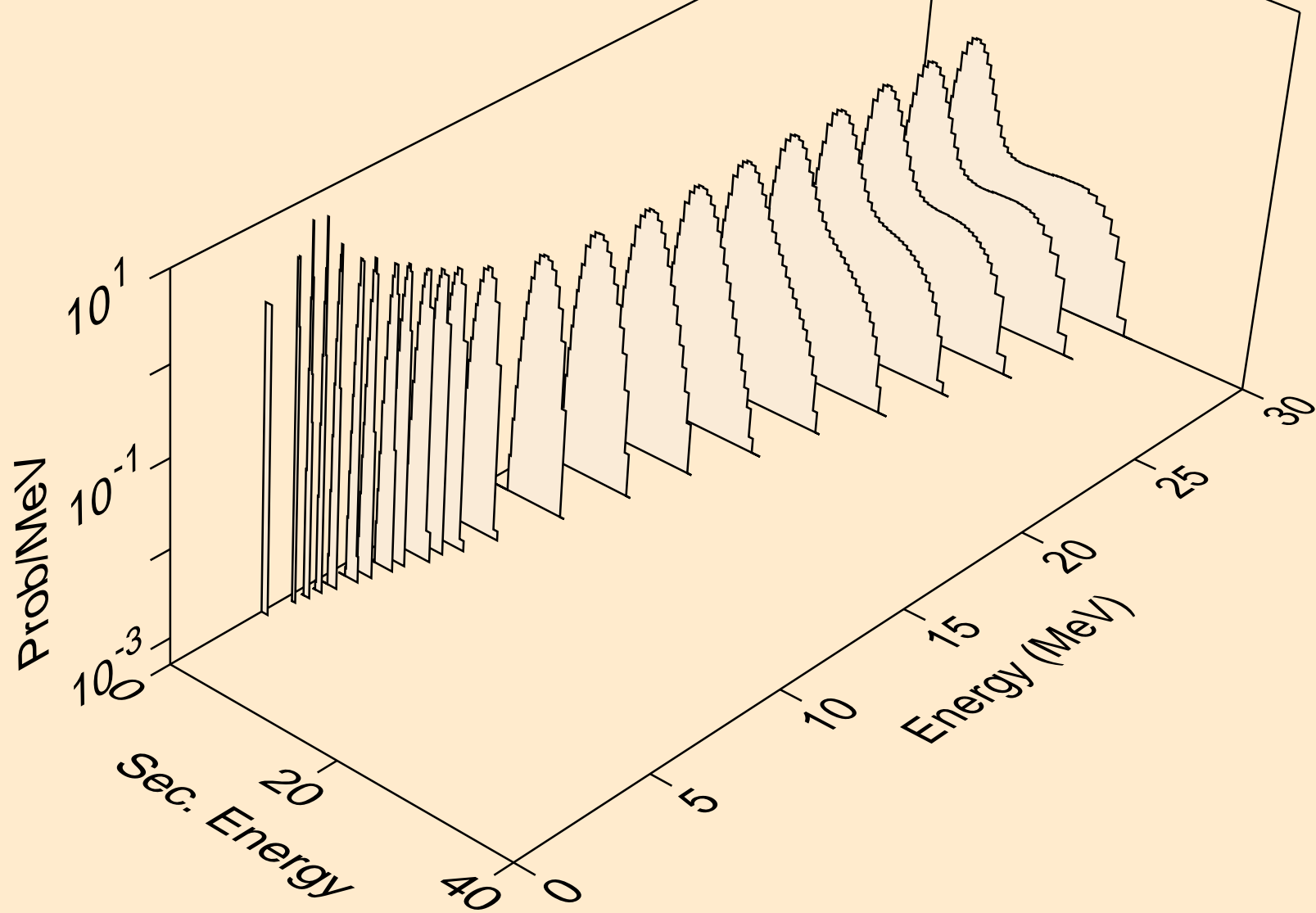
## Particle production cross sections



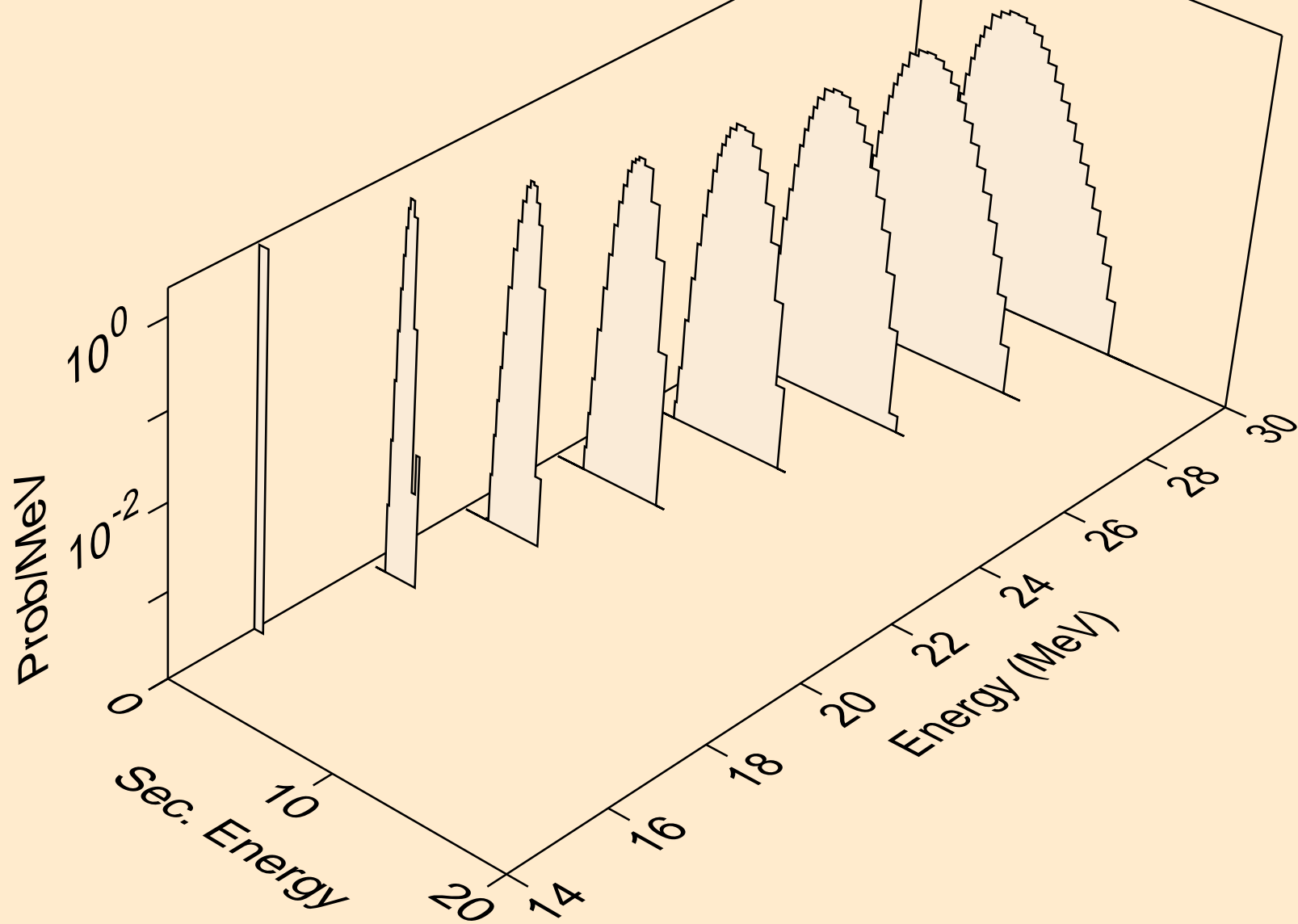
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



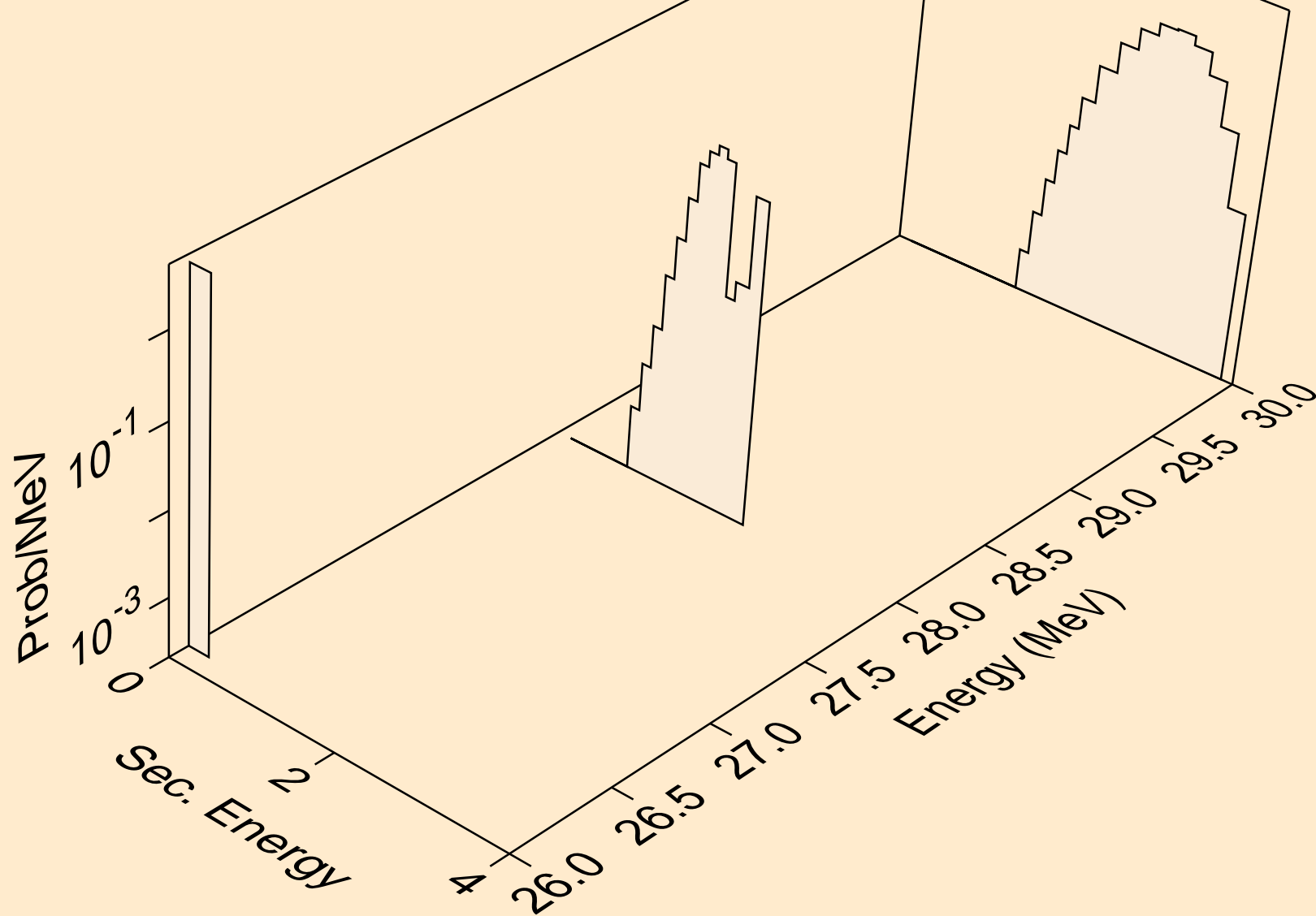
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



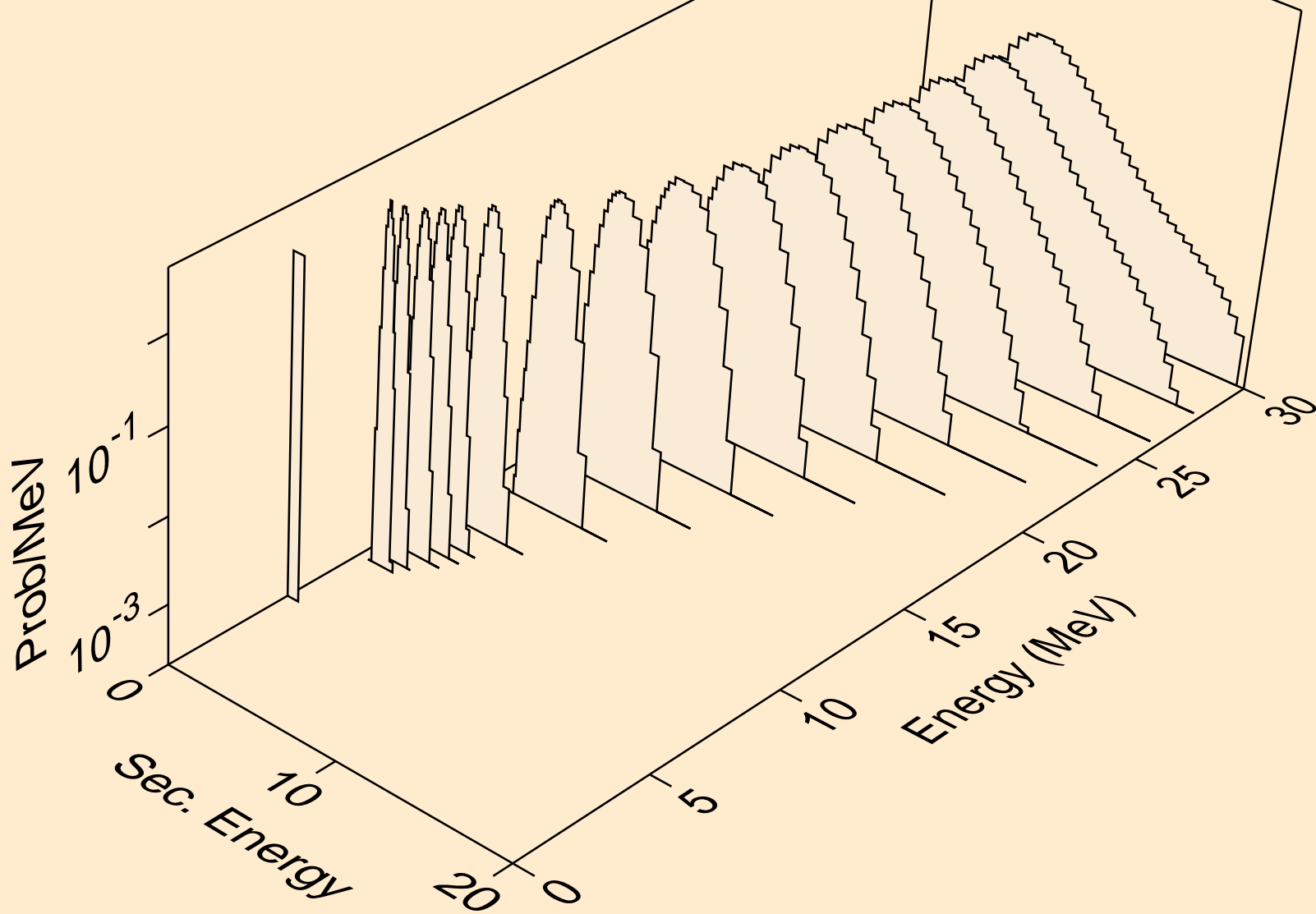
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protons from (n,2np)



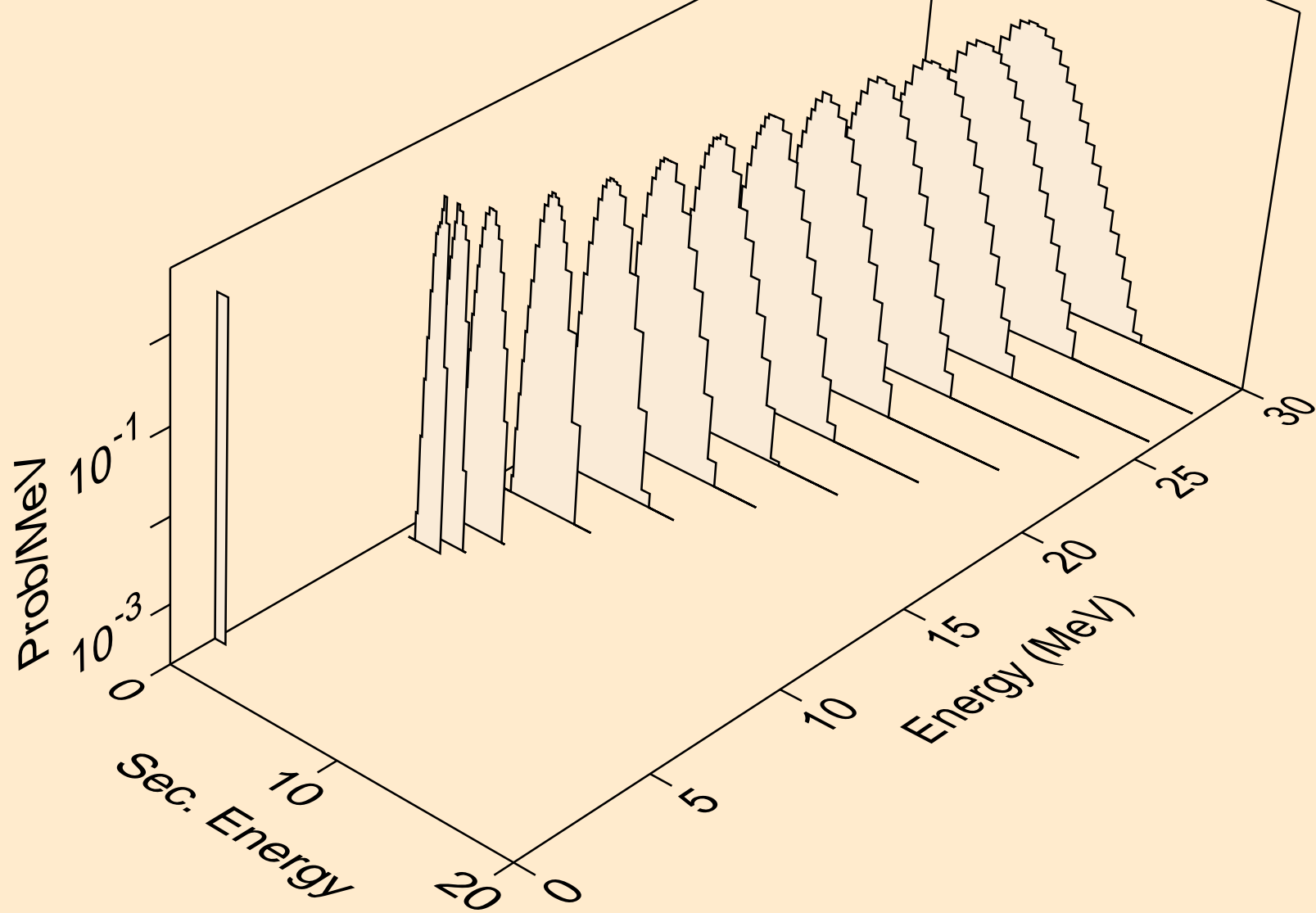
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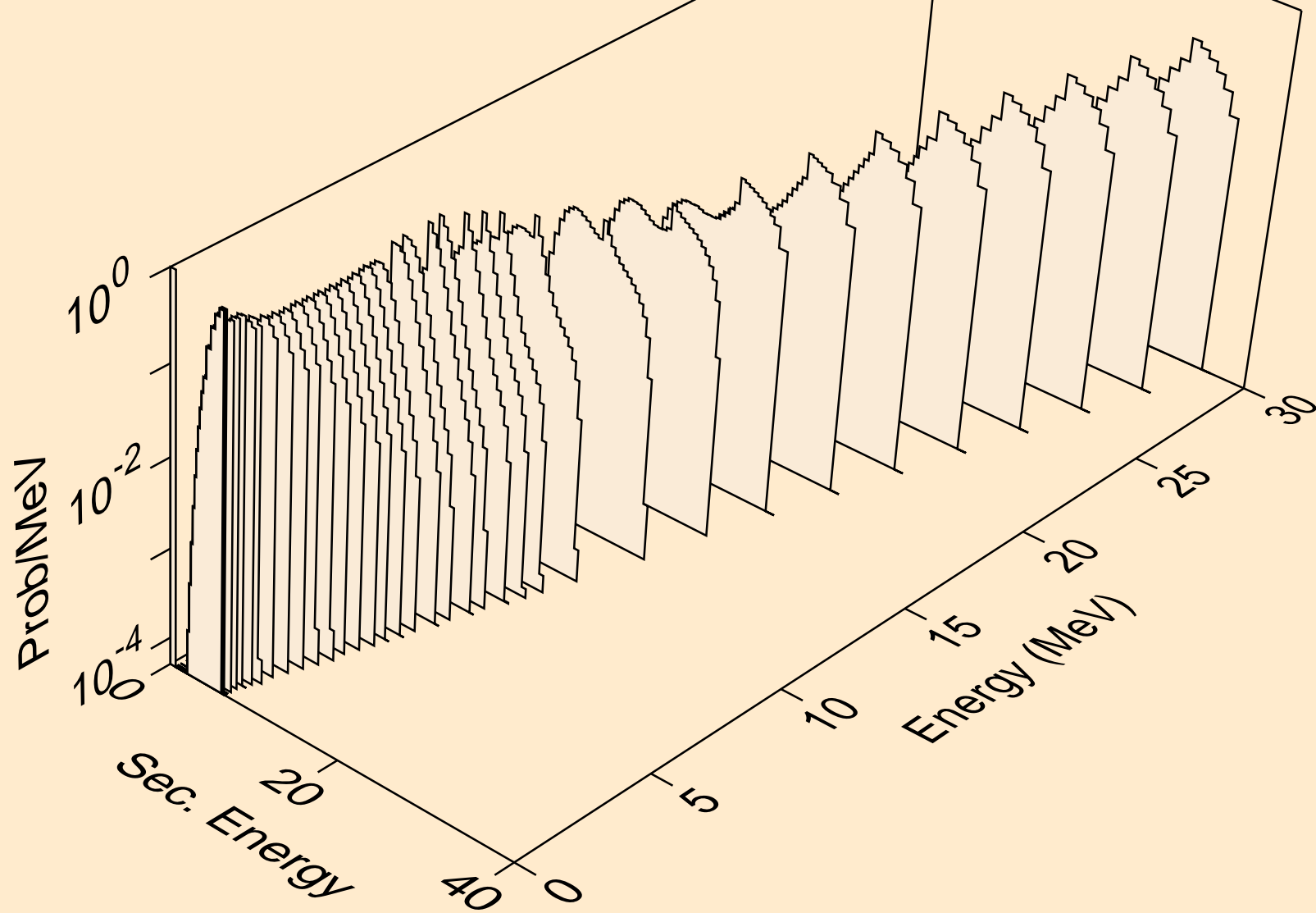
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protons from (n,2np)



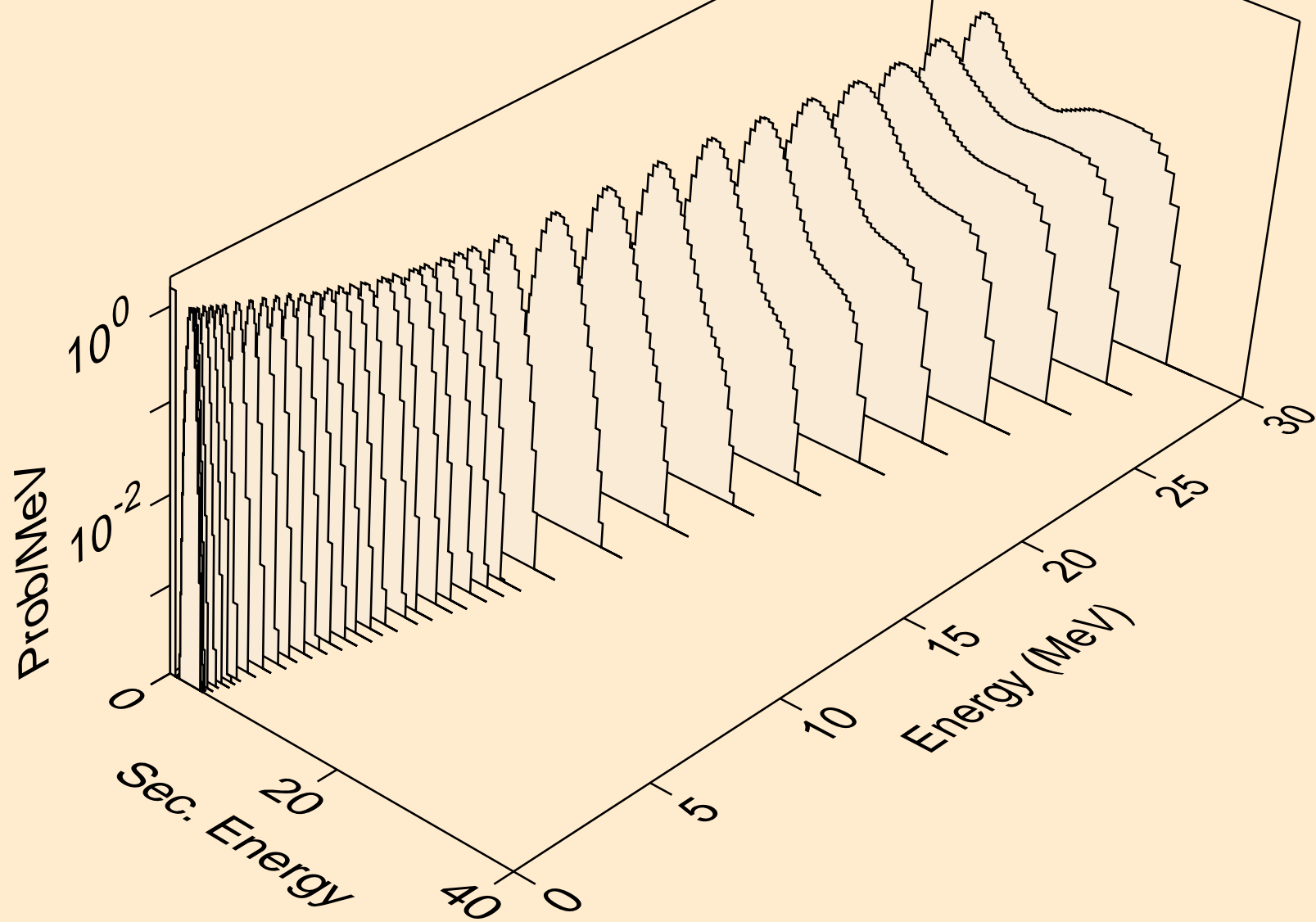
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)



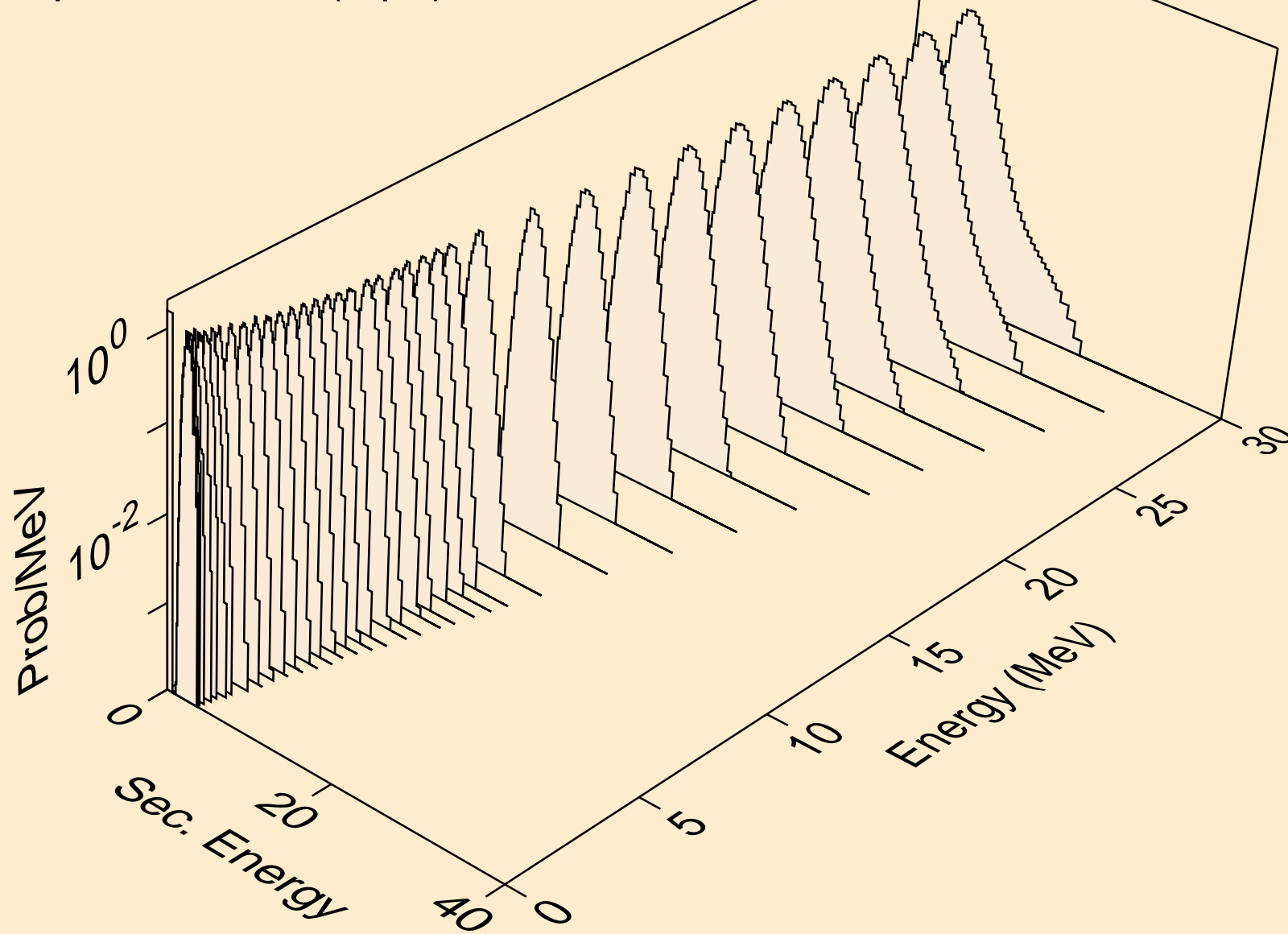
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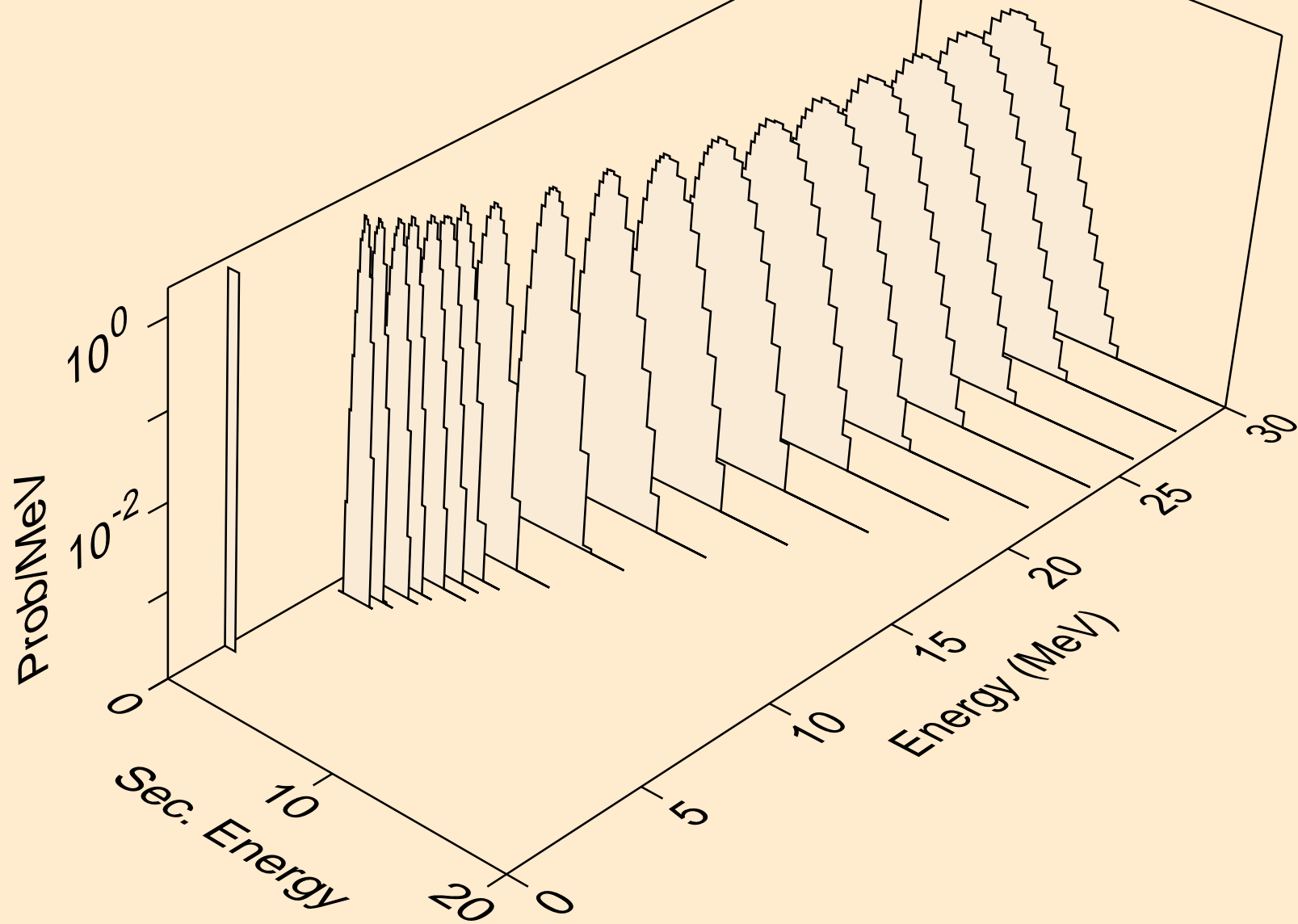
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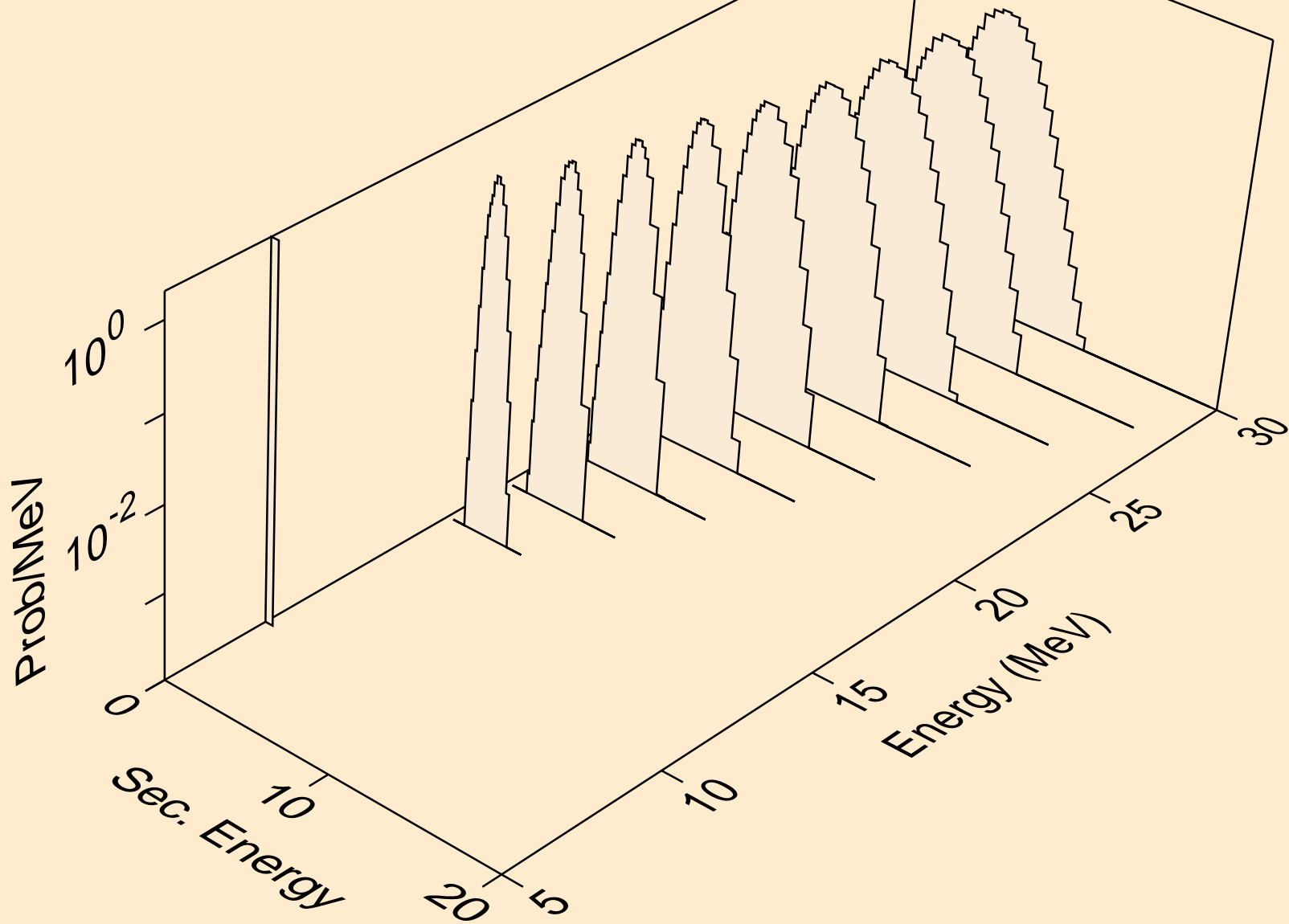
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protons from (n,p)



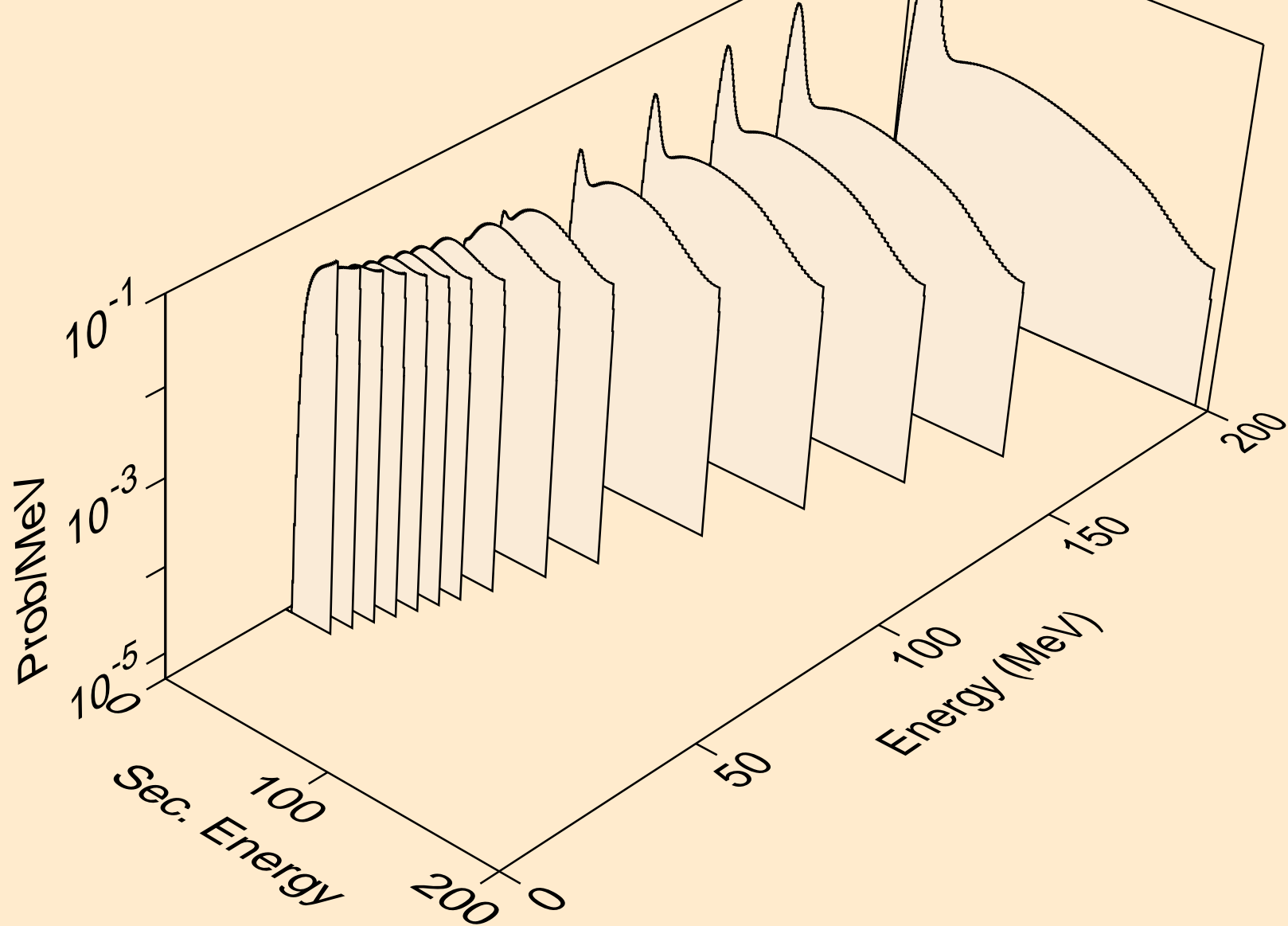
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protons from (n,pd)



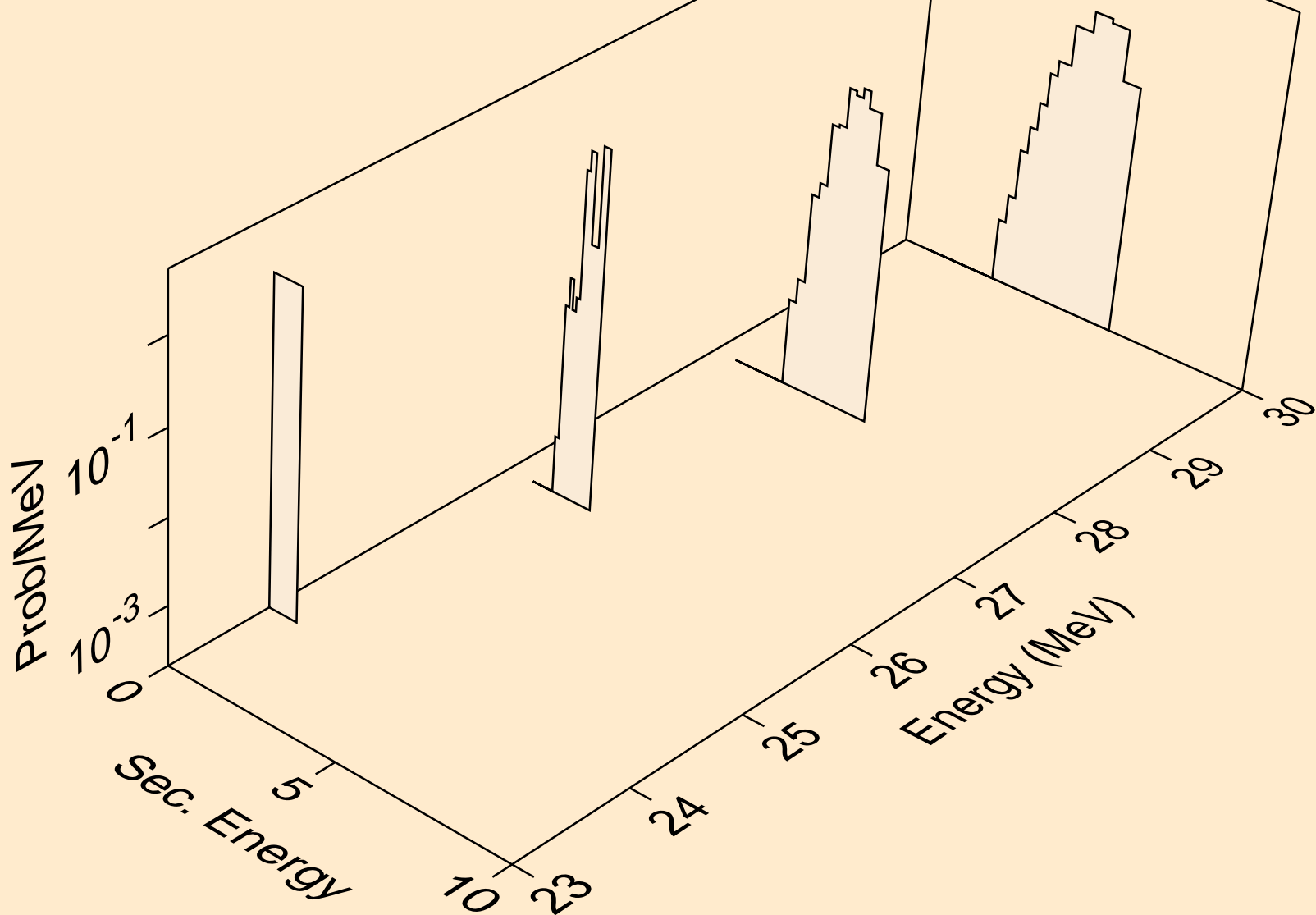
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protons from (n,pt)



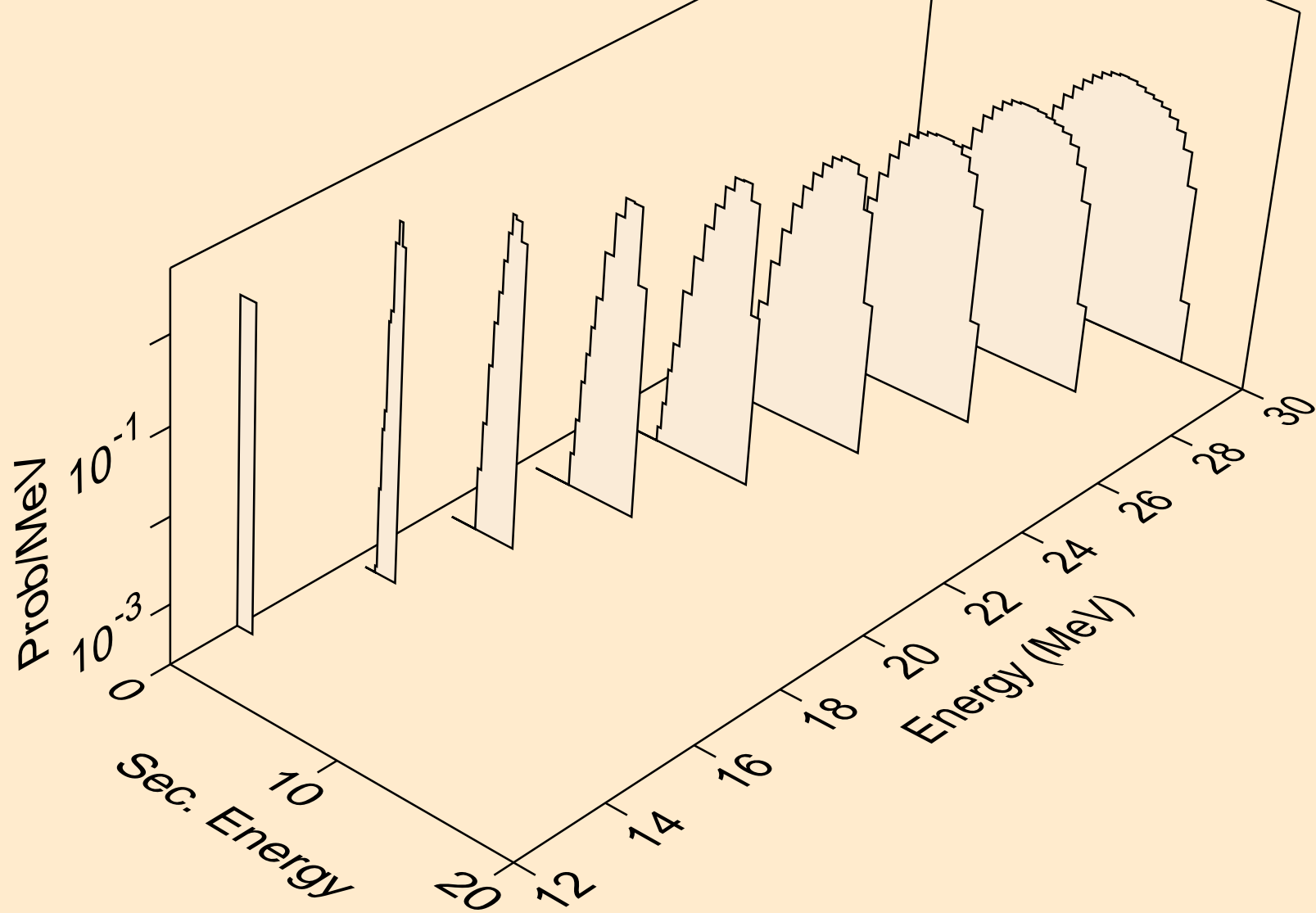
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



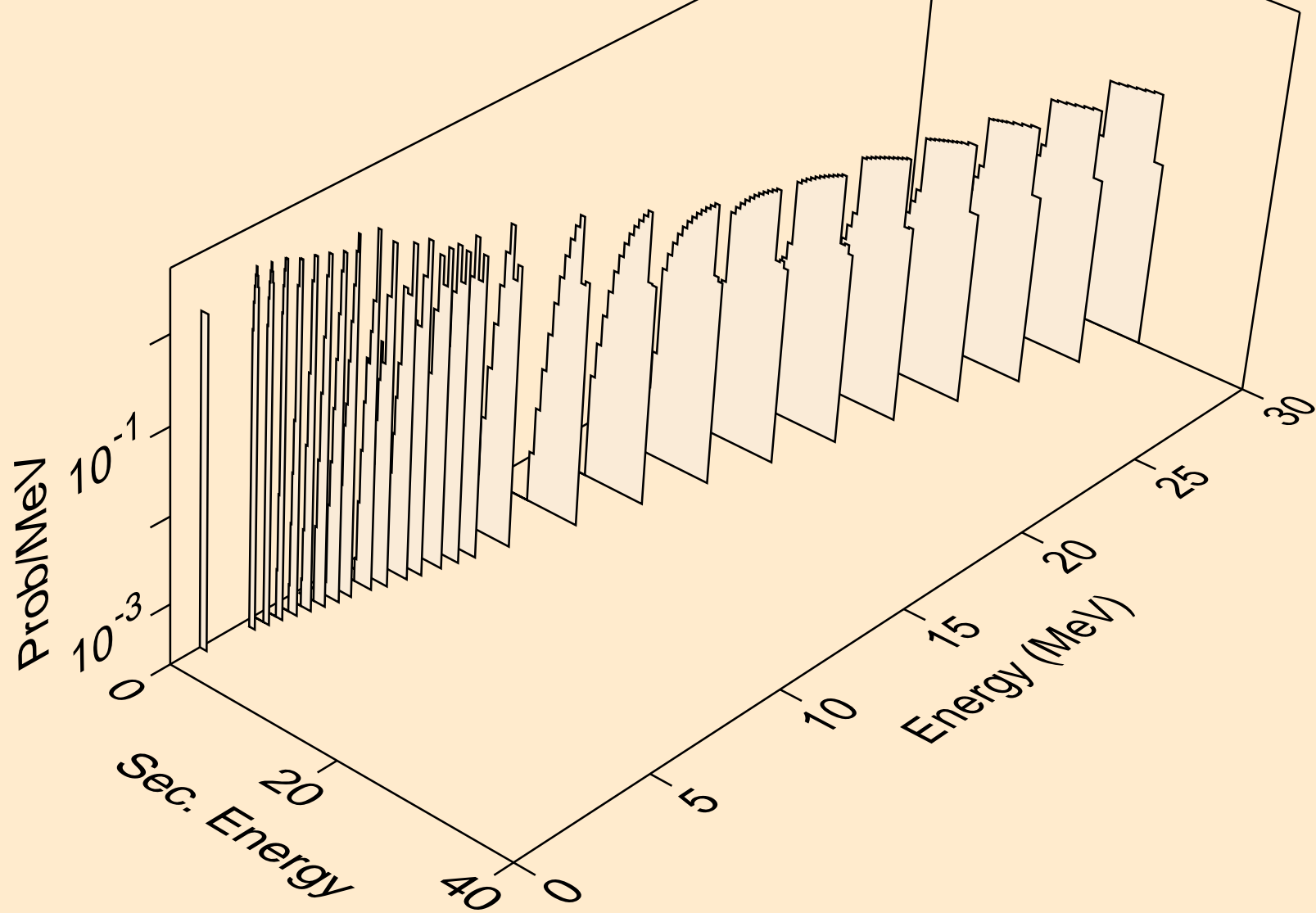
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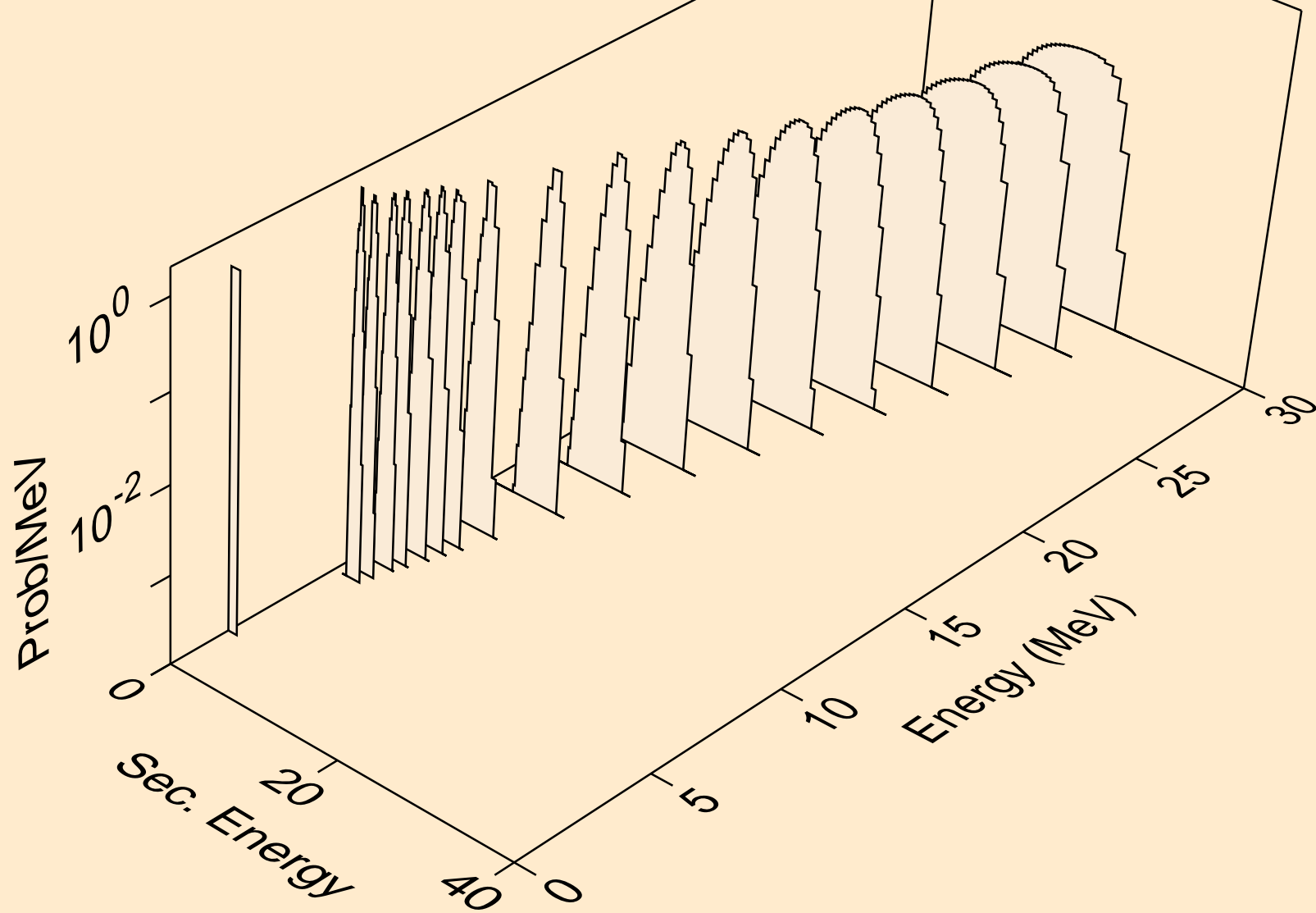
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



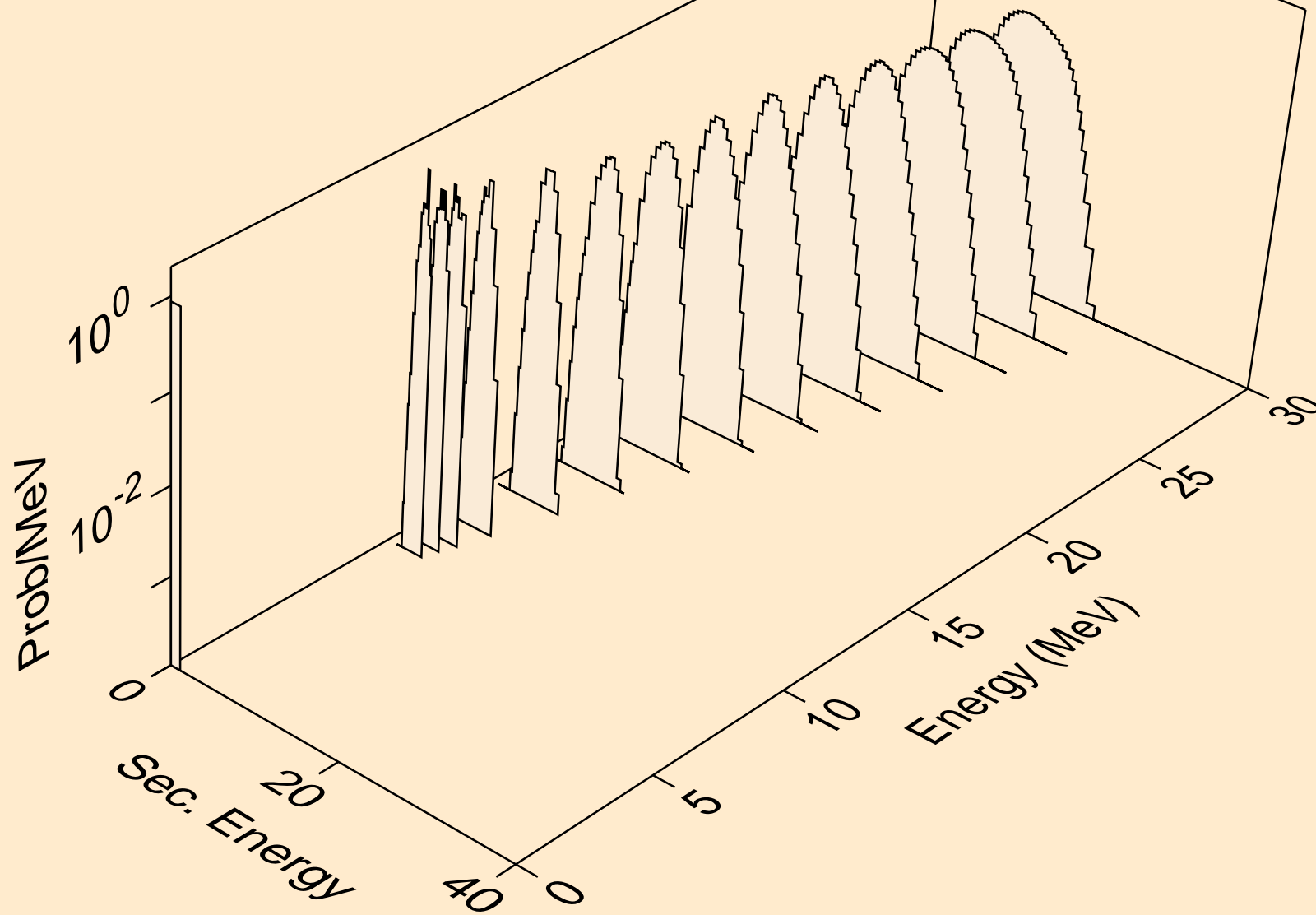
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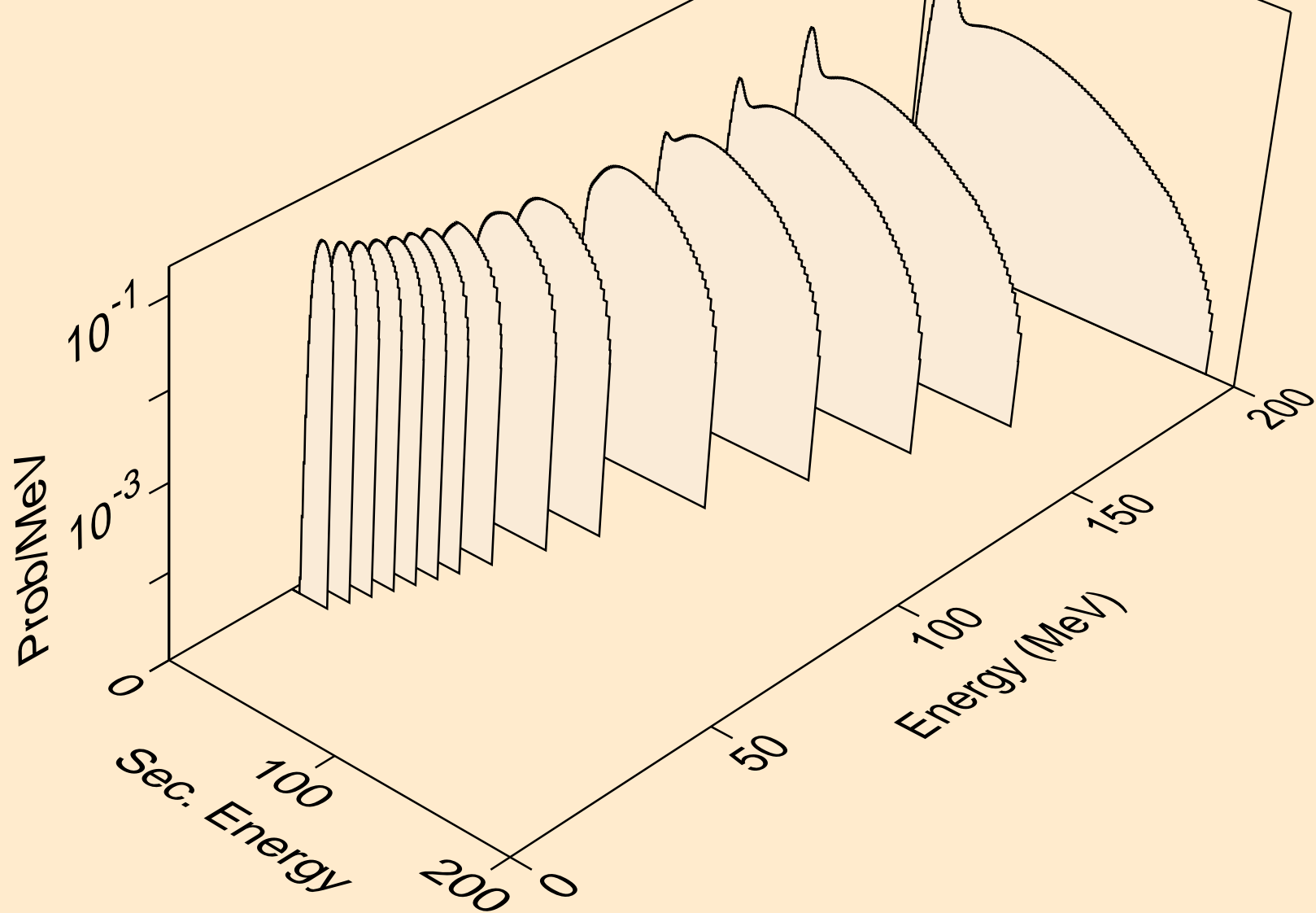
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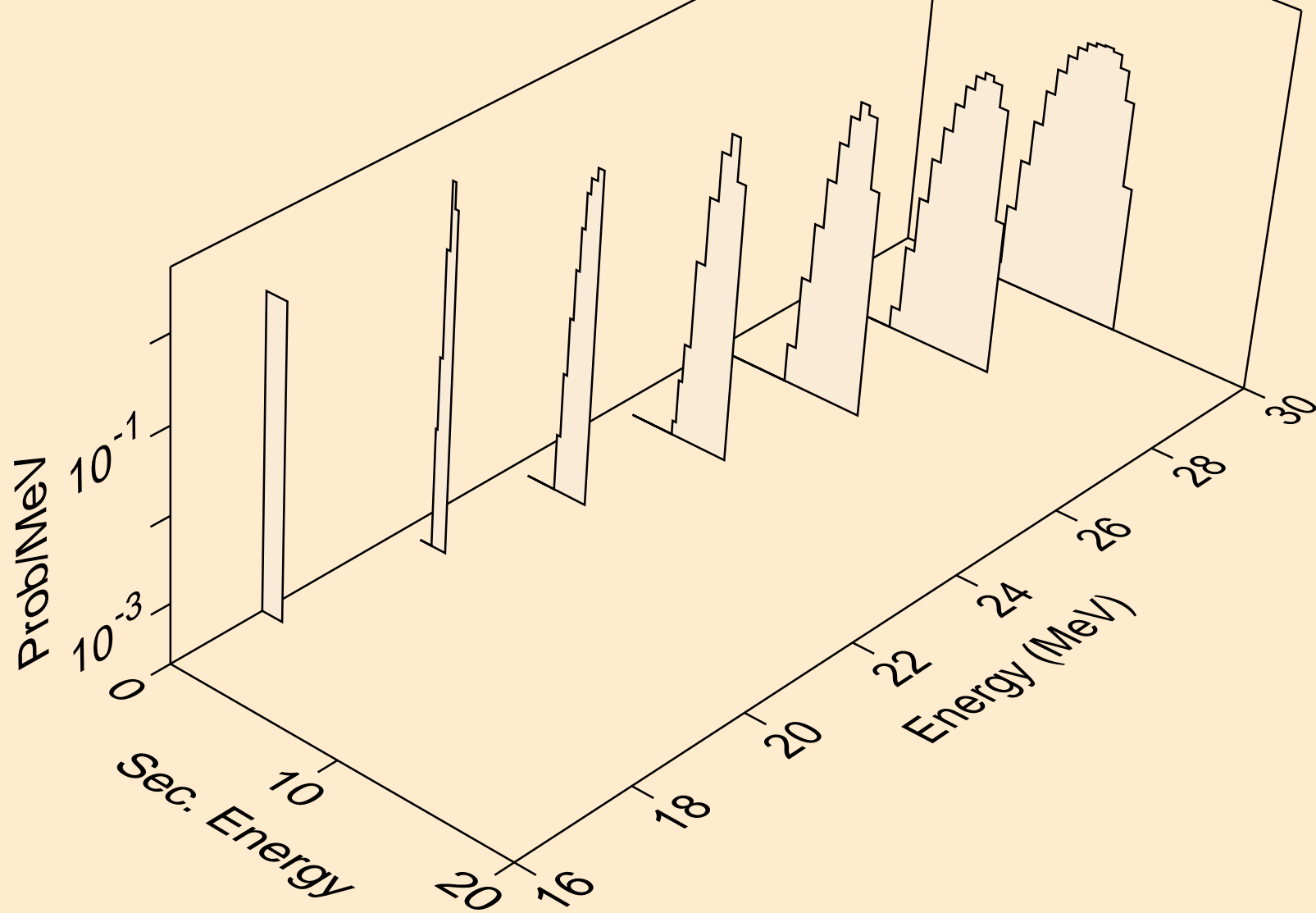
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deuterons from (n,da)



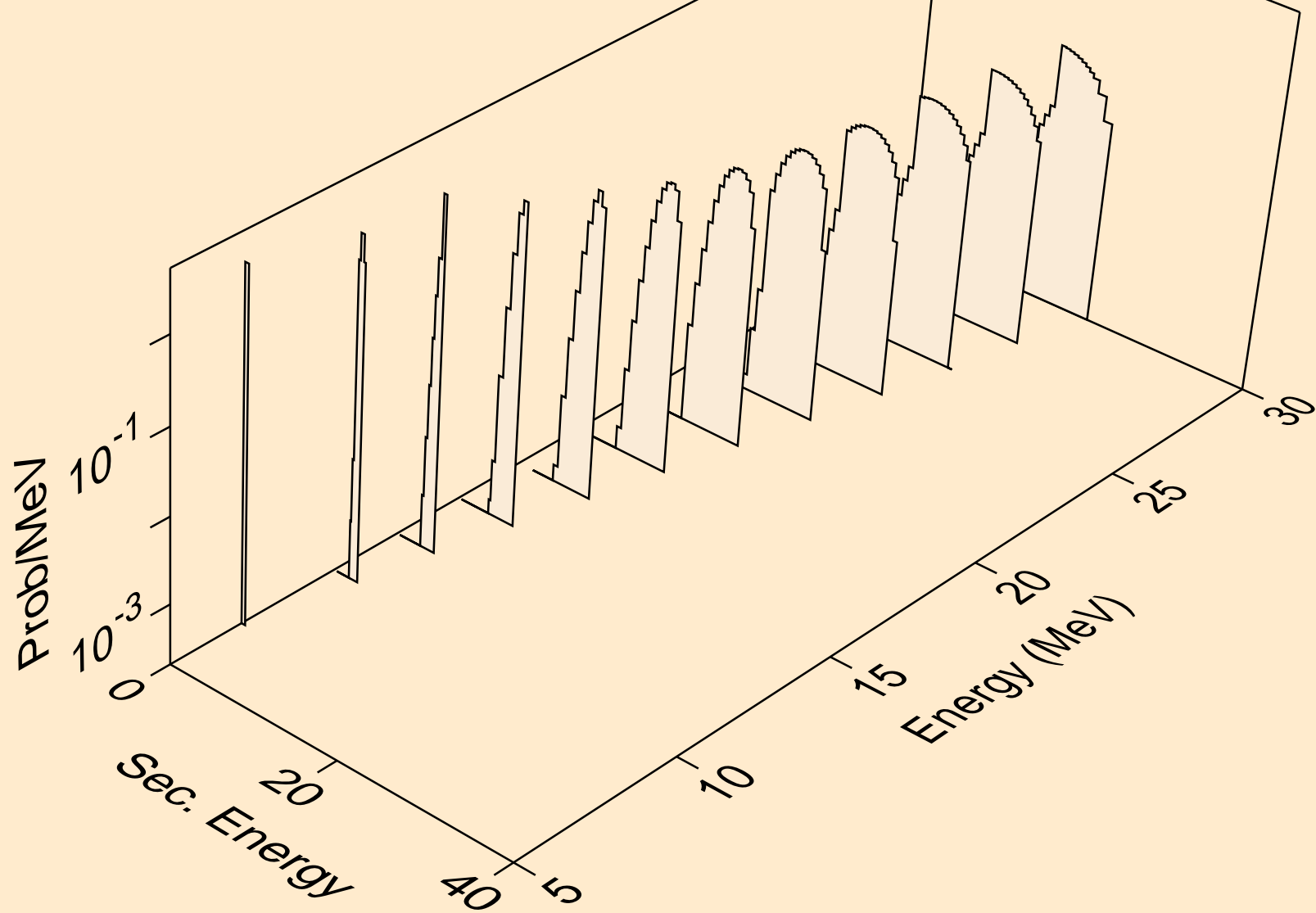
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tritons from (n,x)



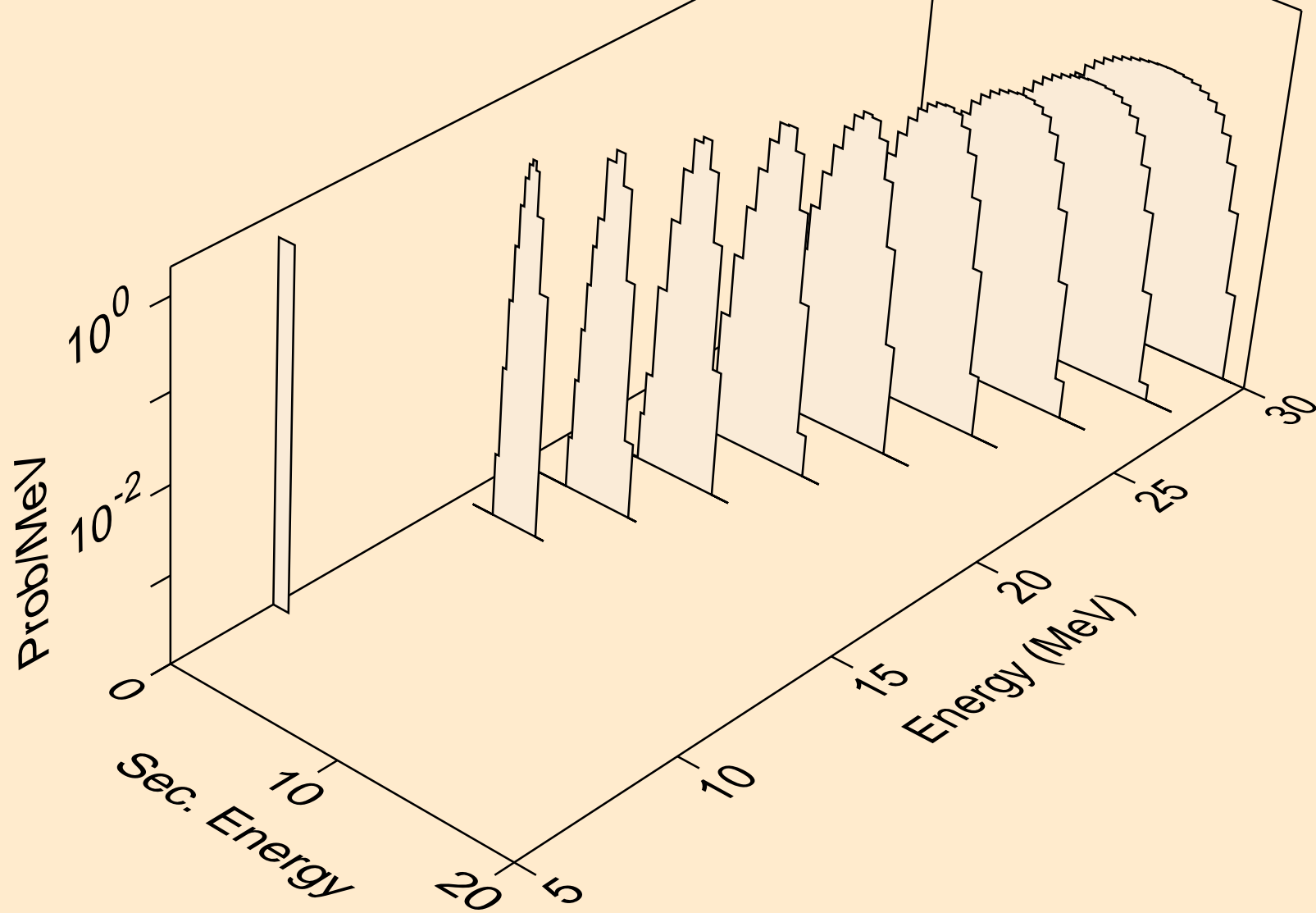
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tritons from (n,n\*)t



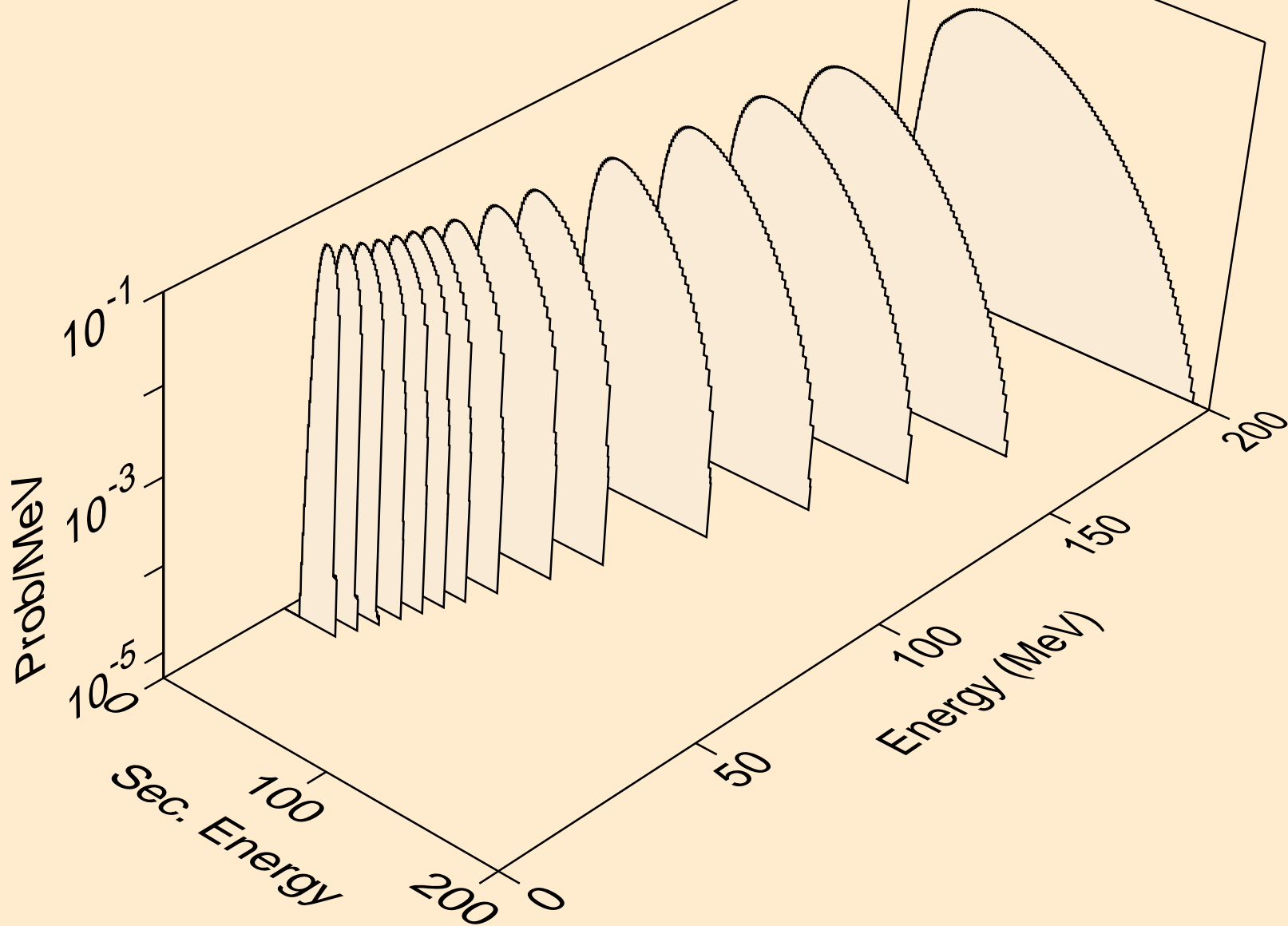
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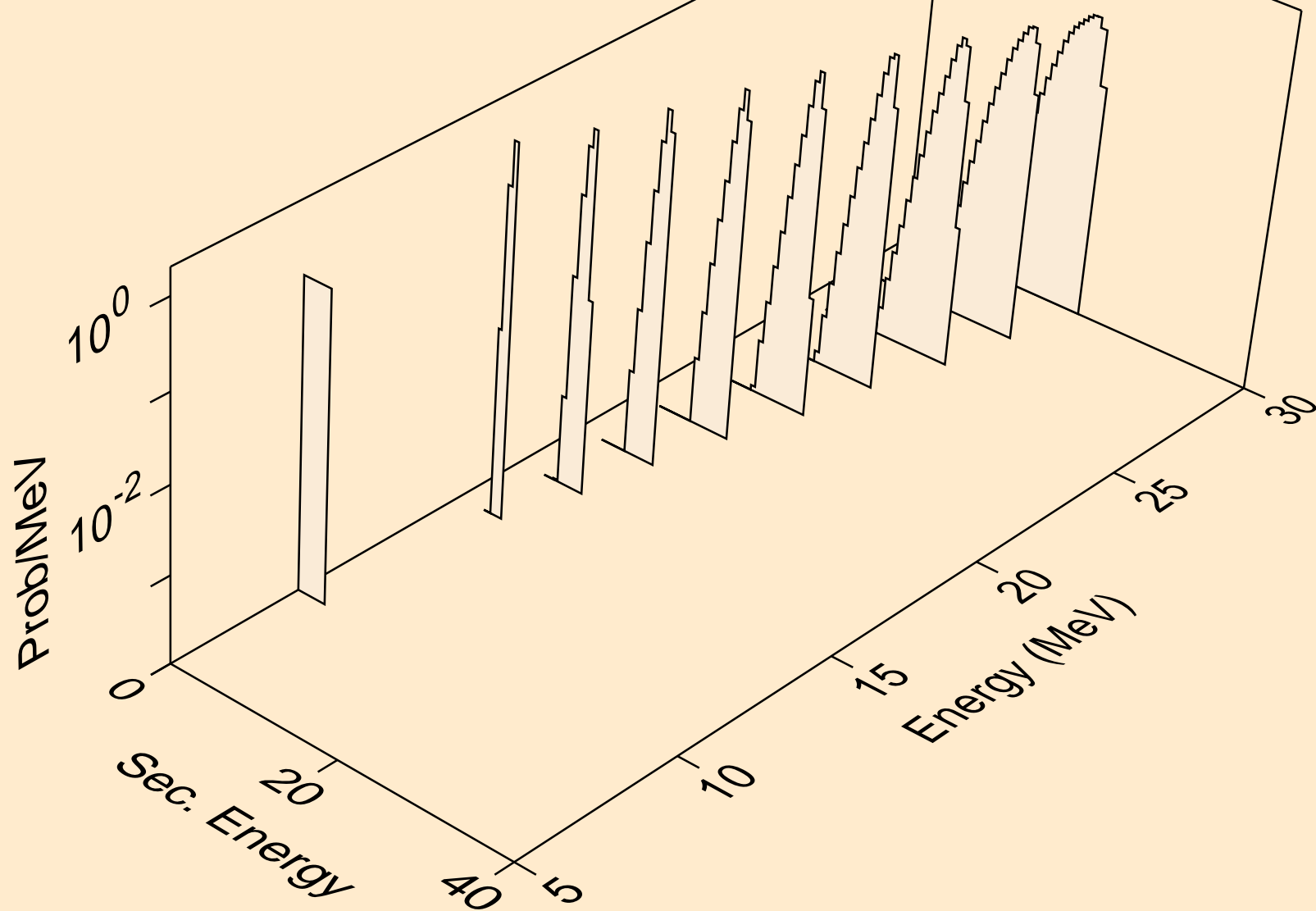
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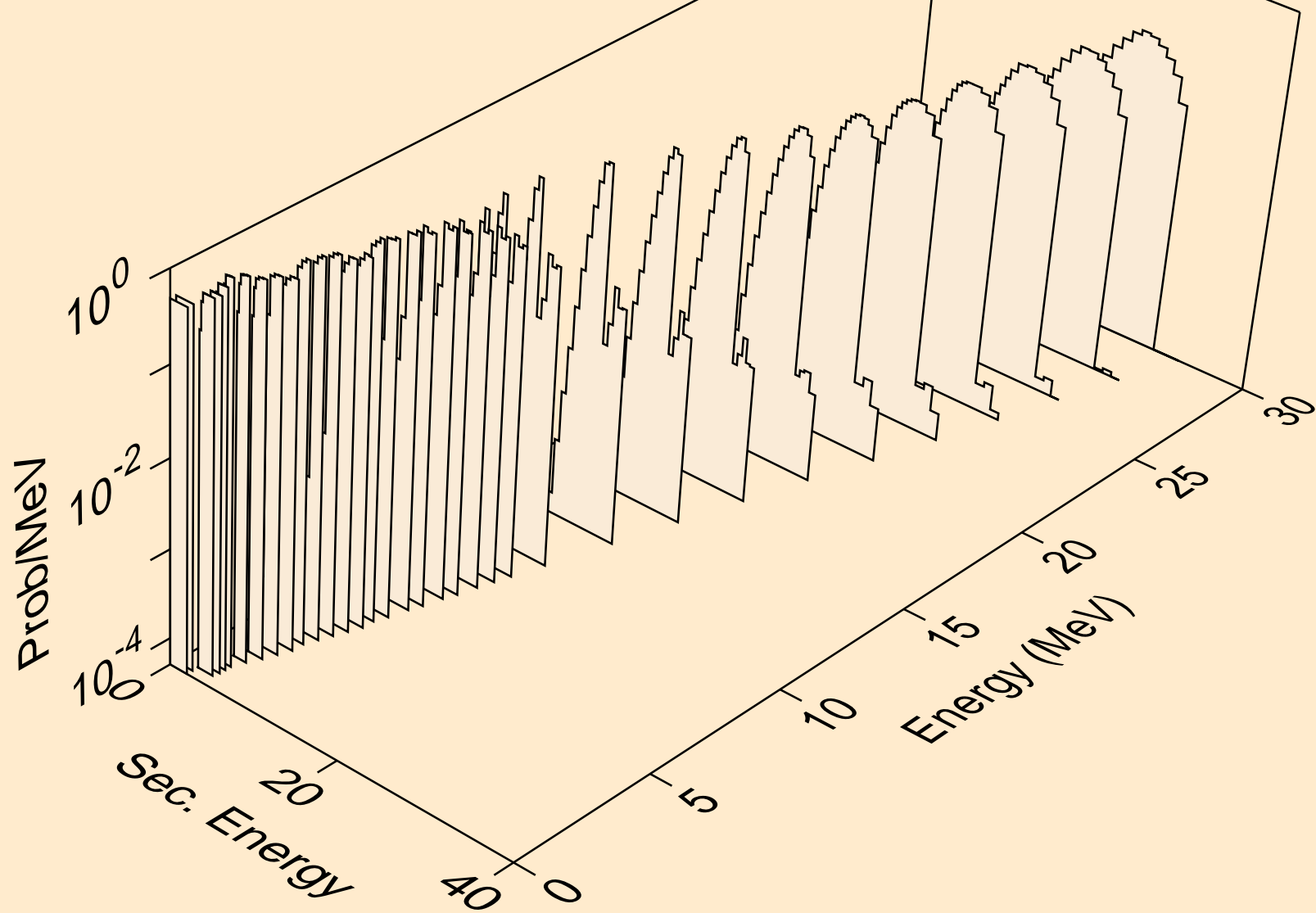
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he3s from (n,x)



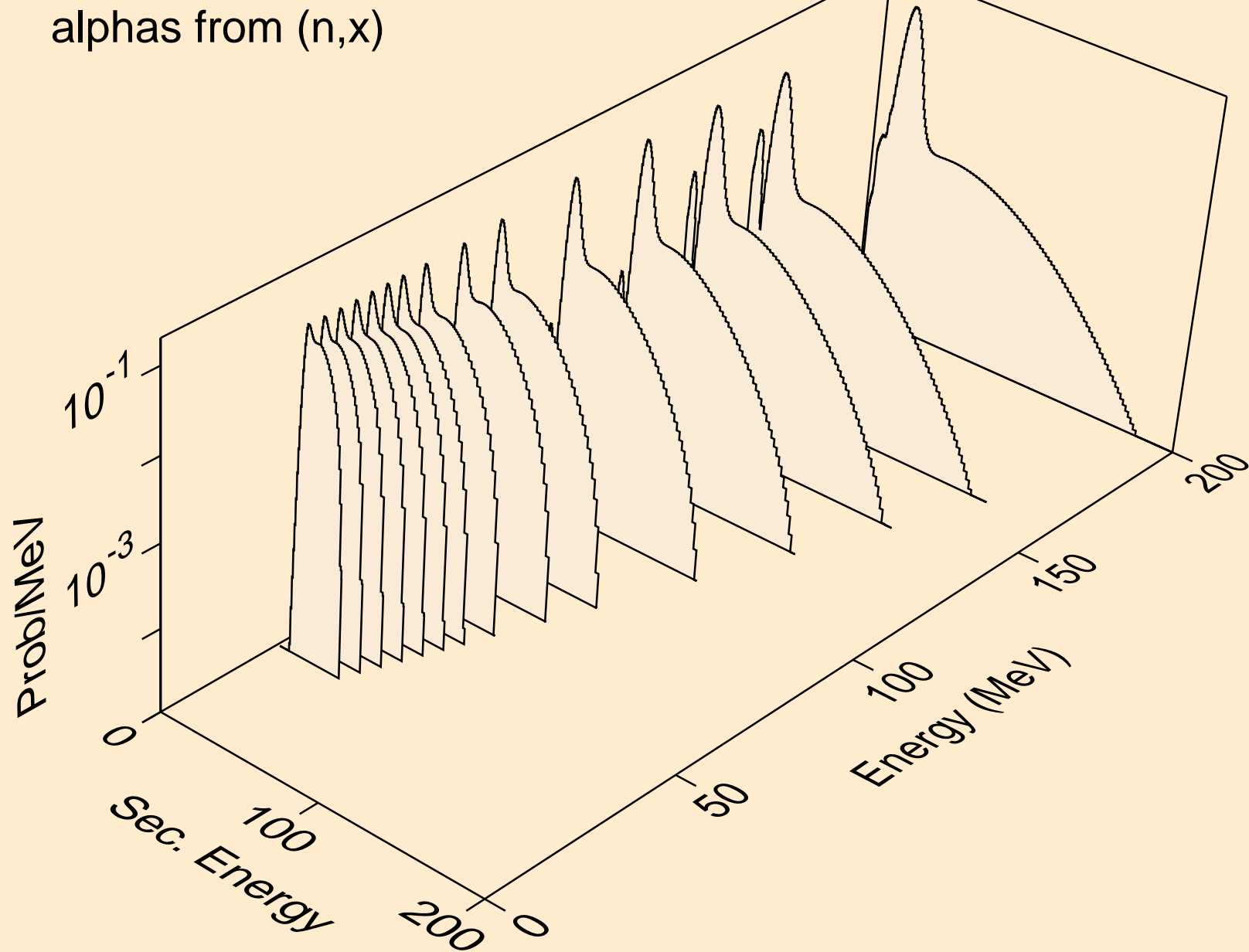
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he3s from (n,n\*)he3



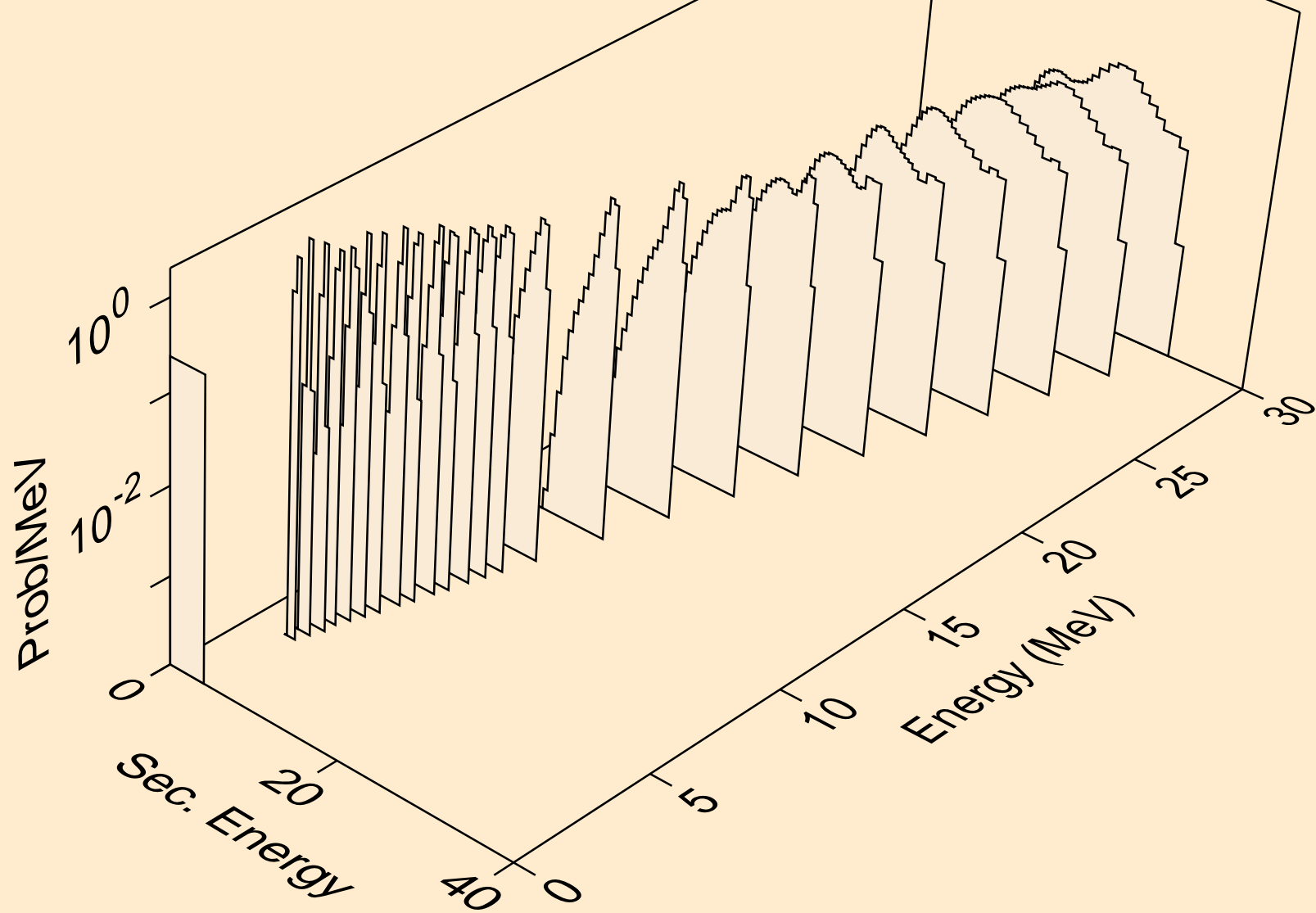
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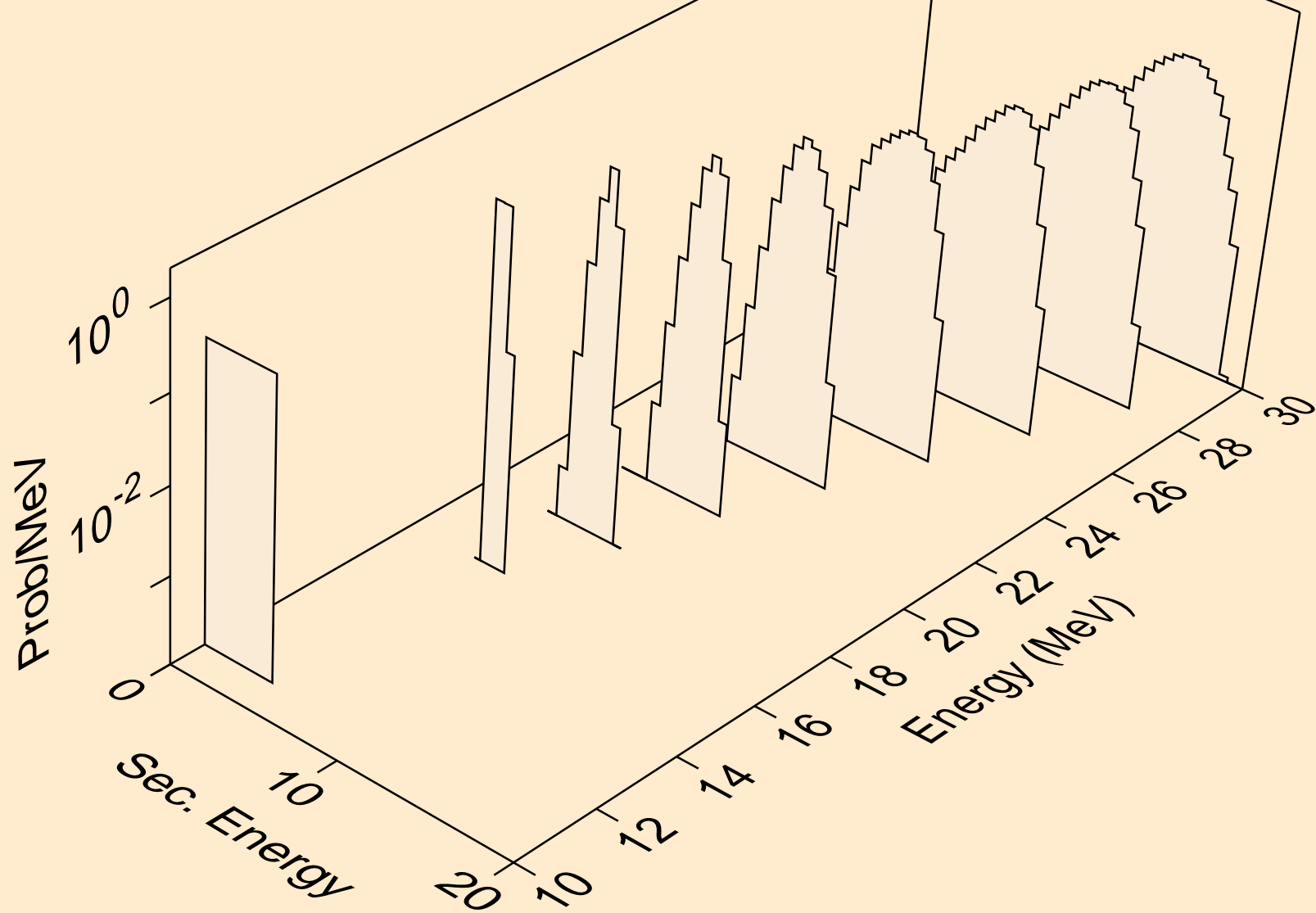
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



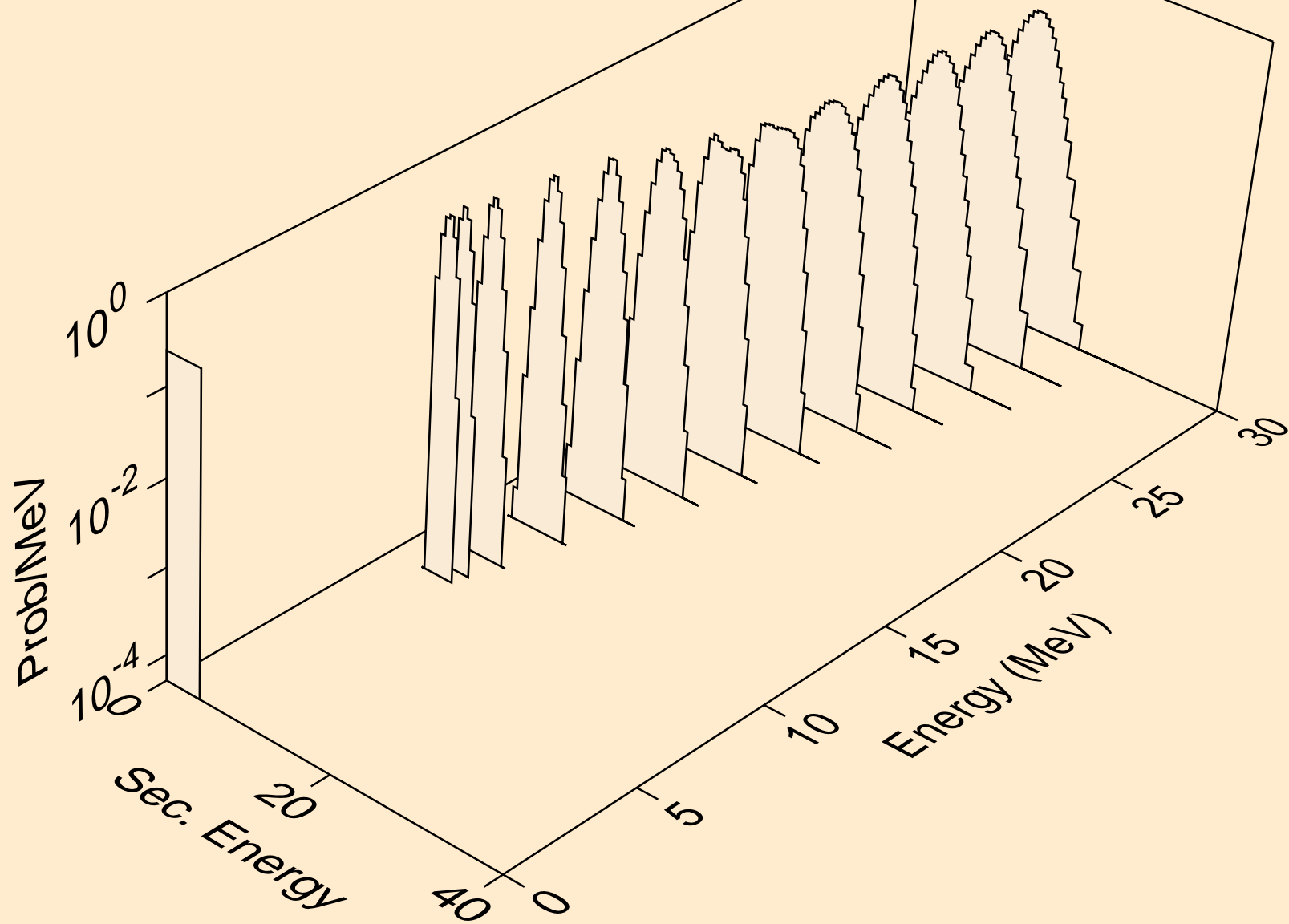
ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



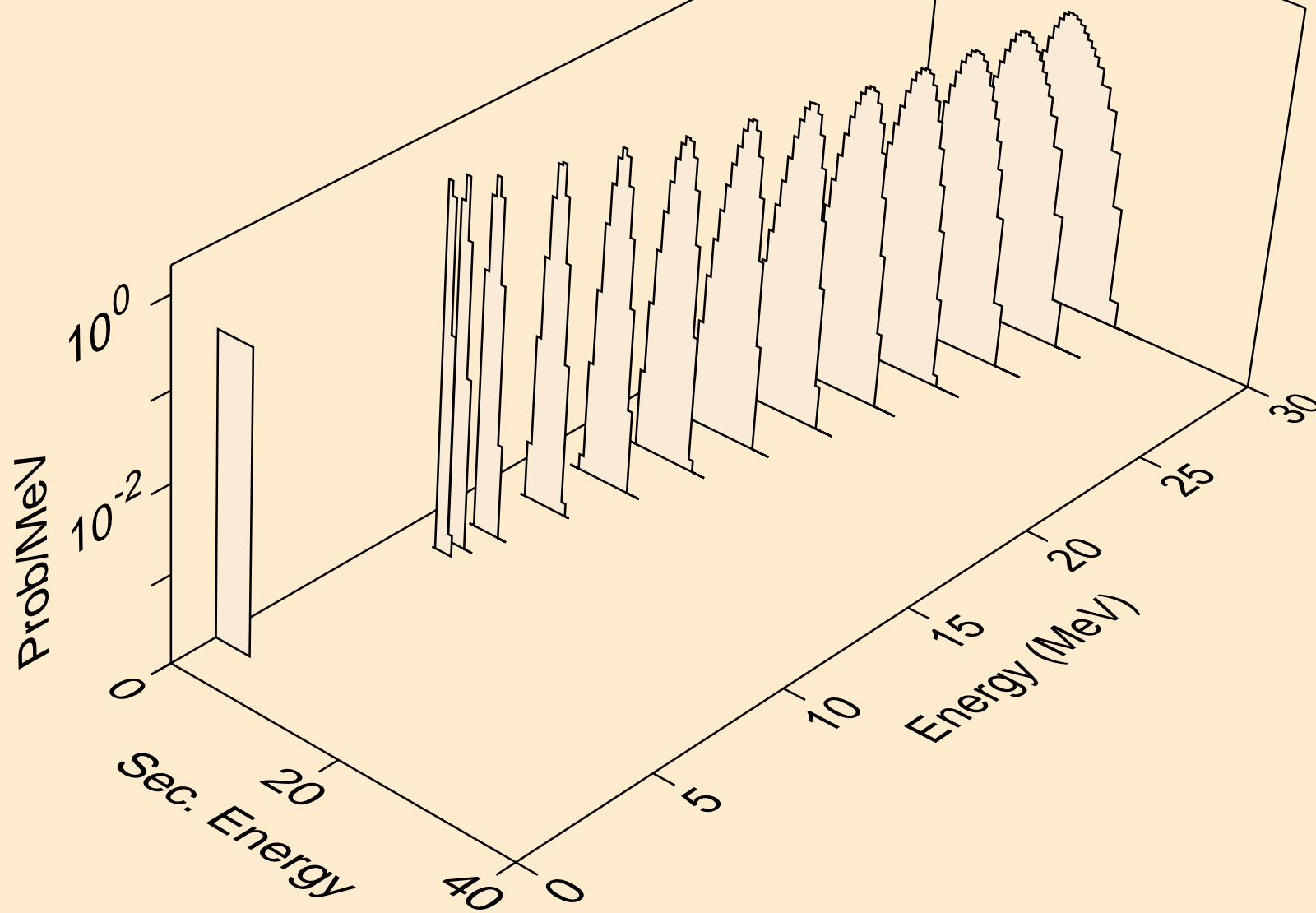
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alphas from (n,2n)a



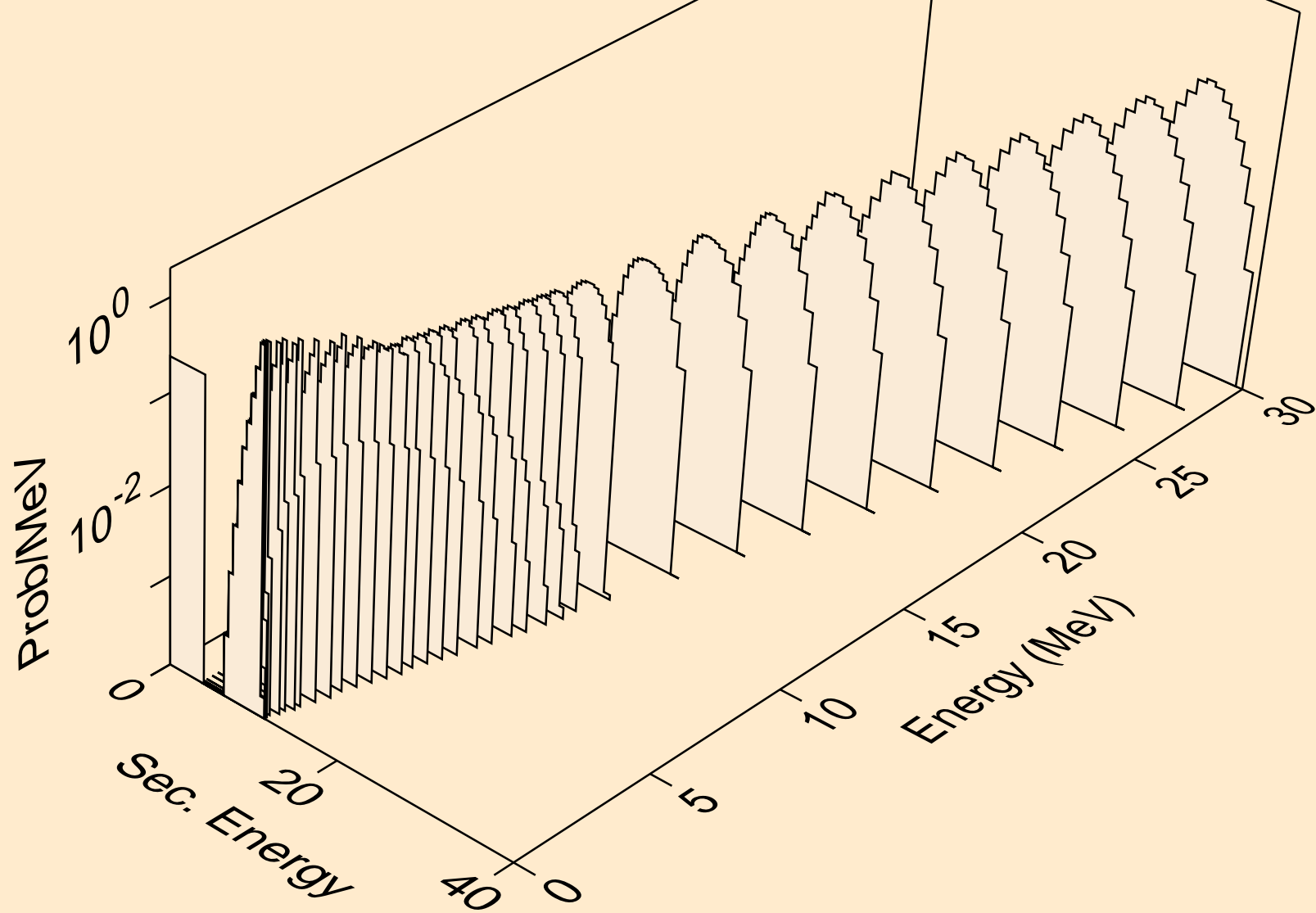
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alphas from (n,n\*)2a



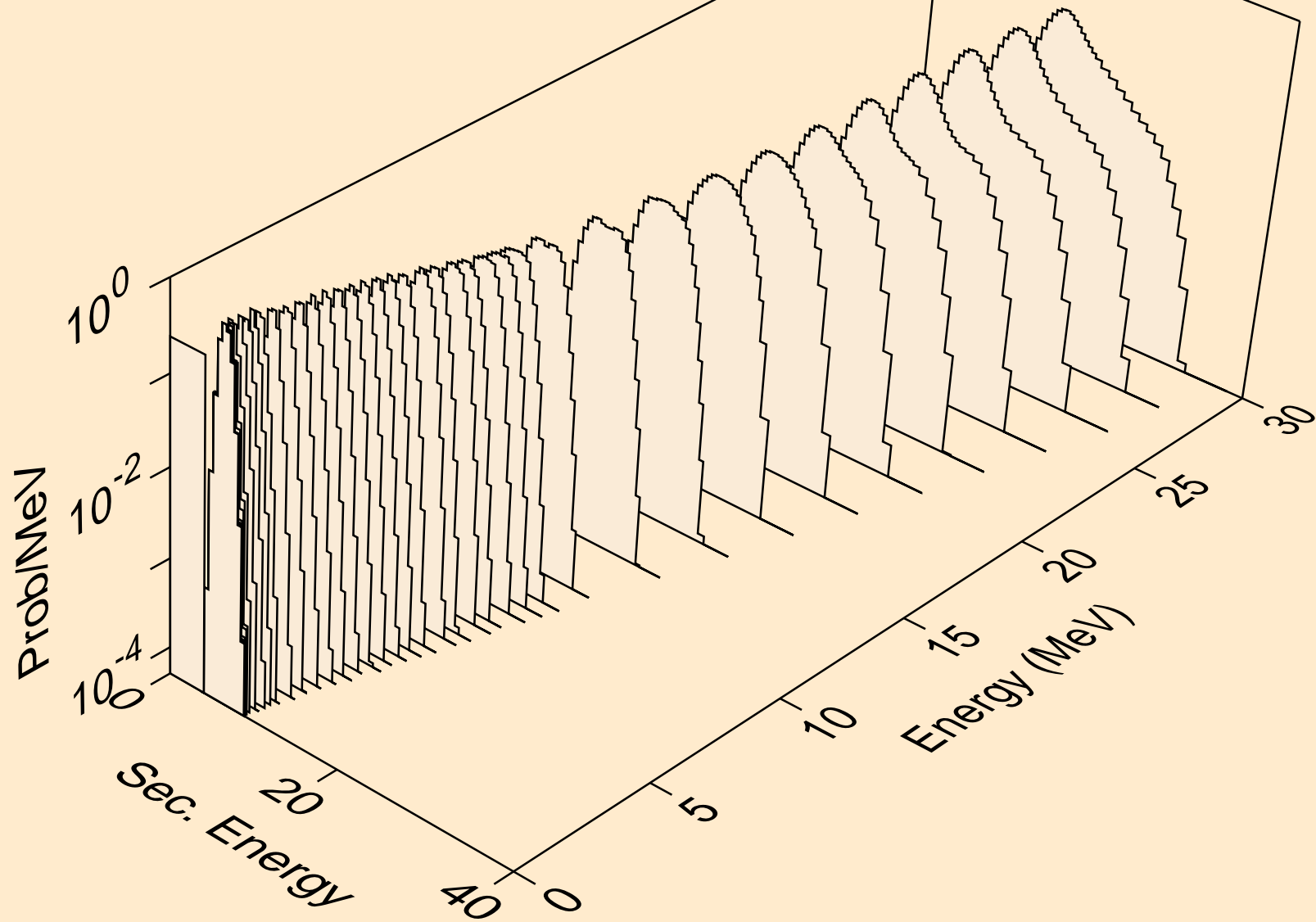
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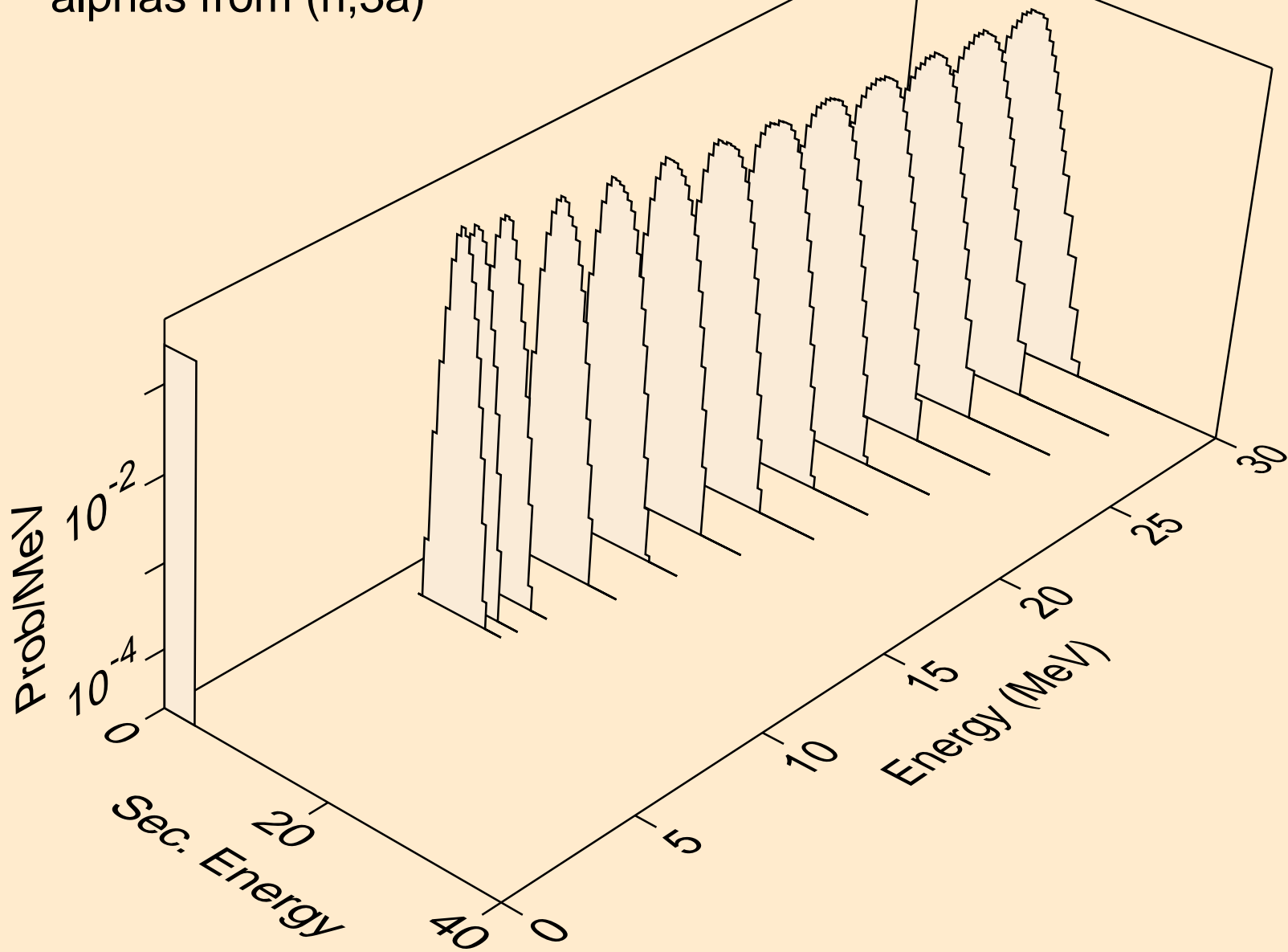
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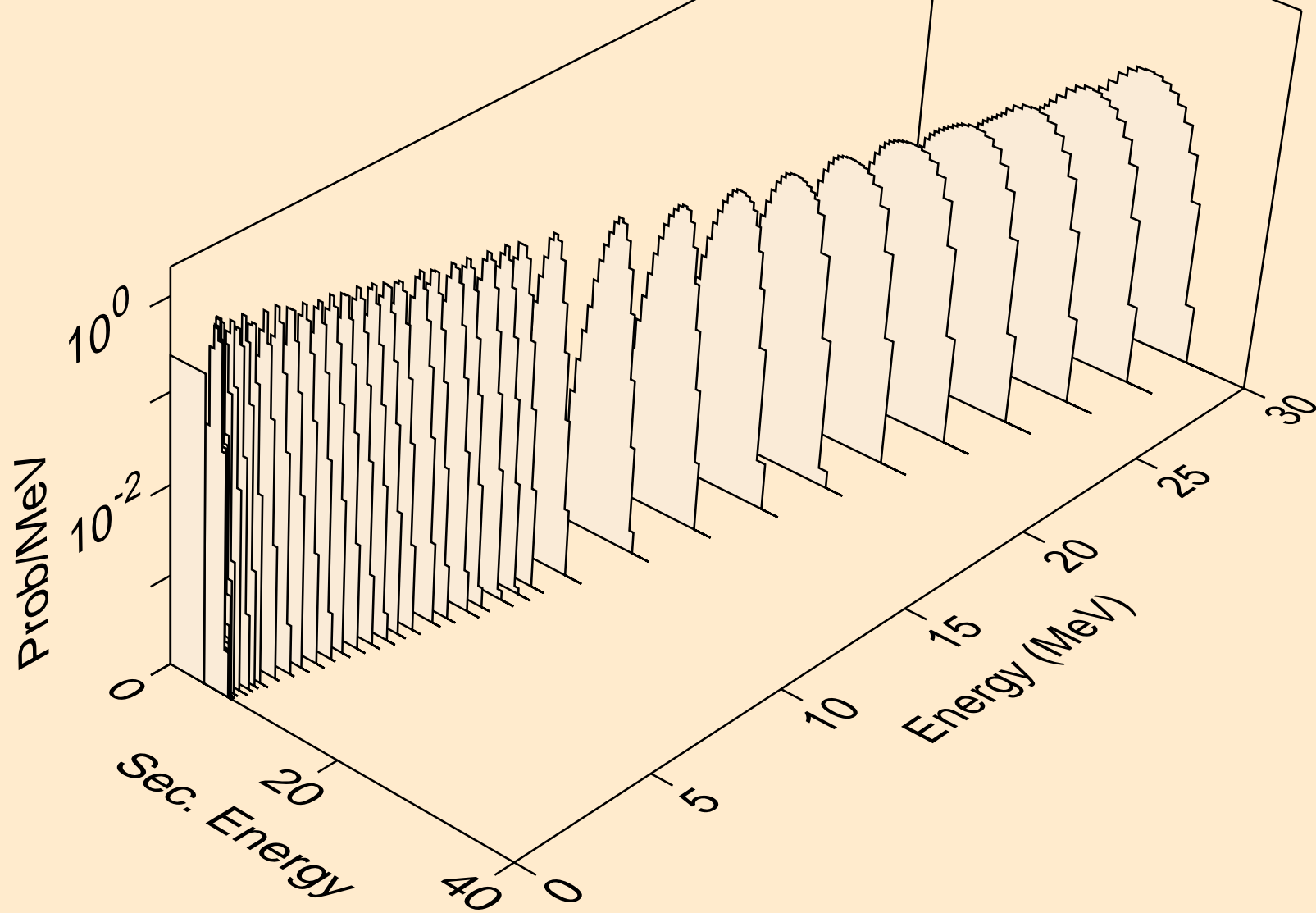
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alphas from (n,2a)



ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3a)



ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



ND128 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

