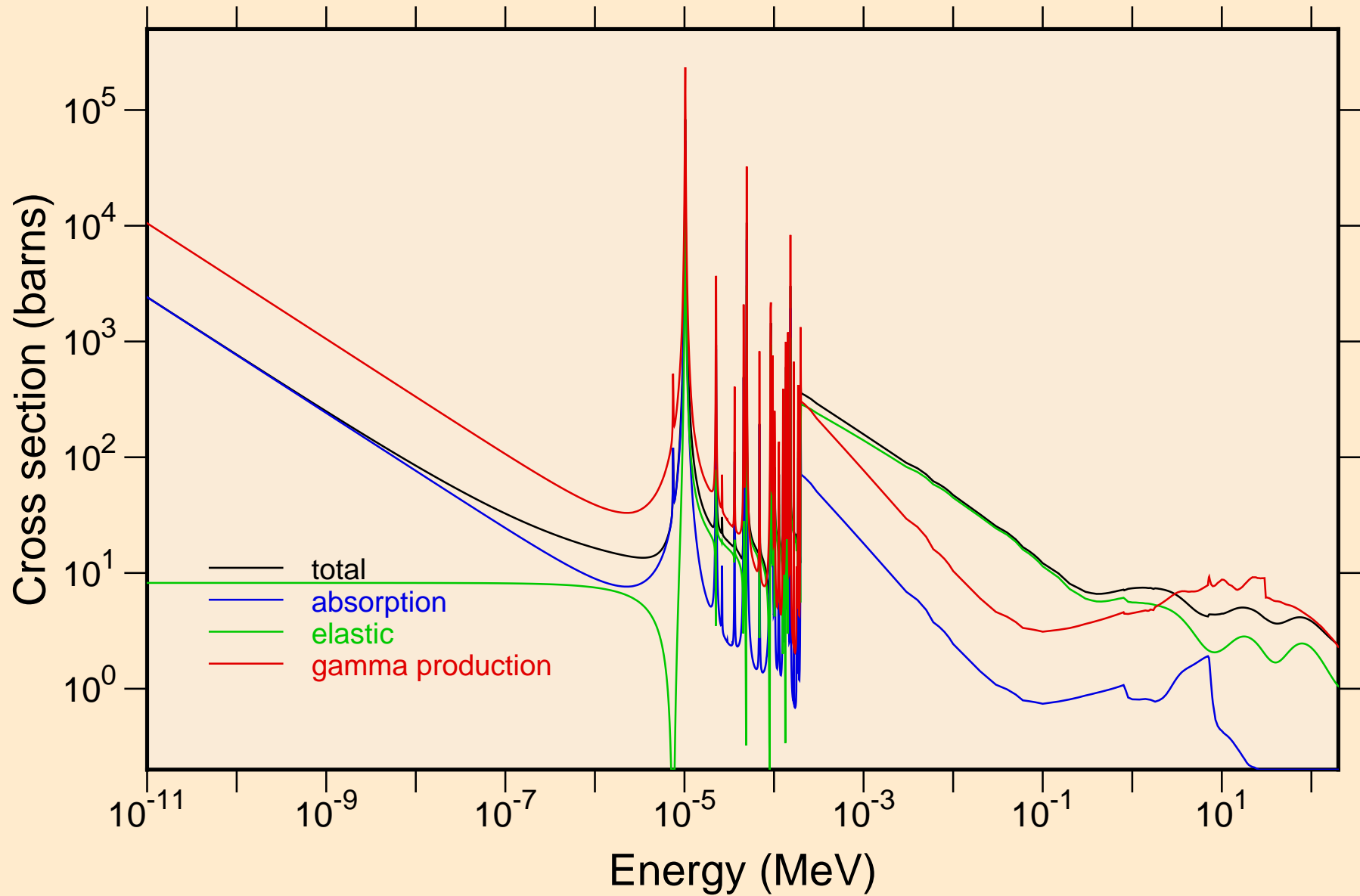
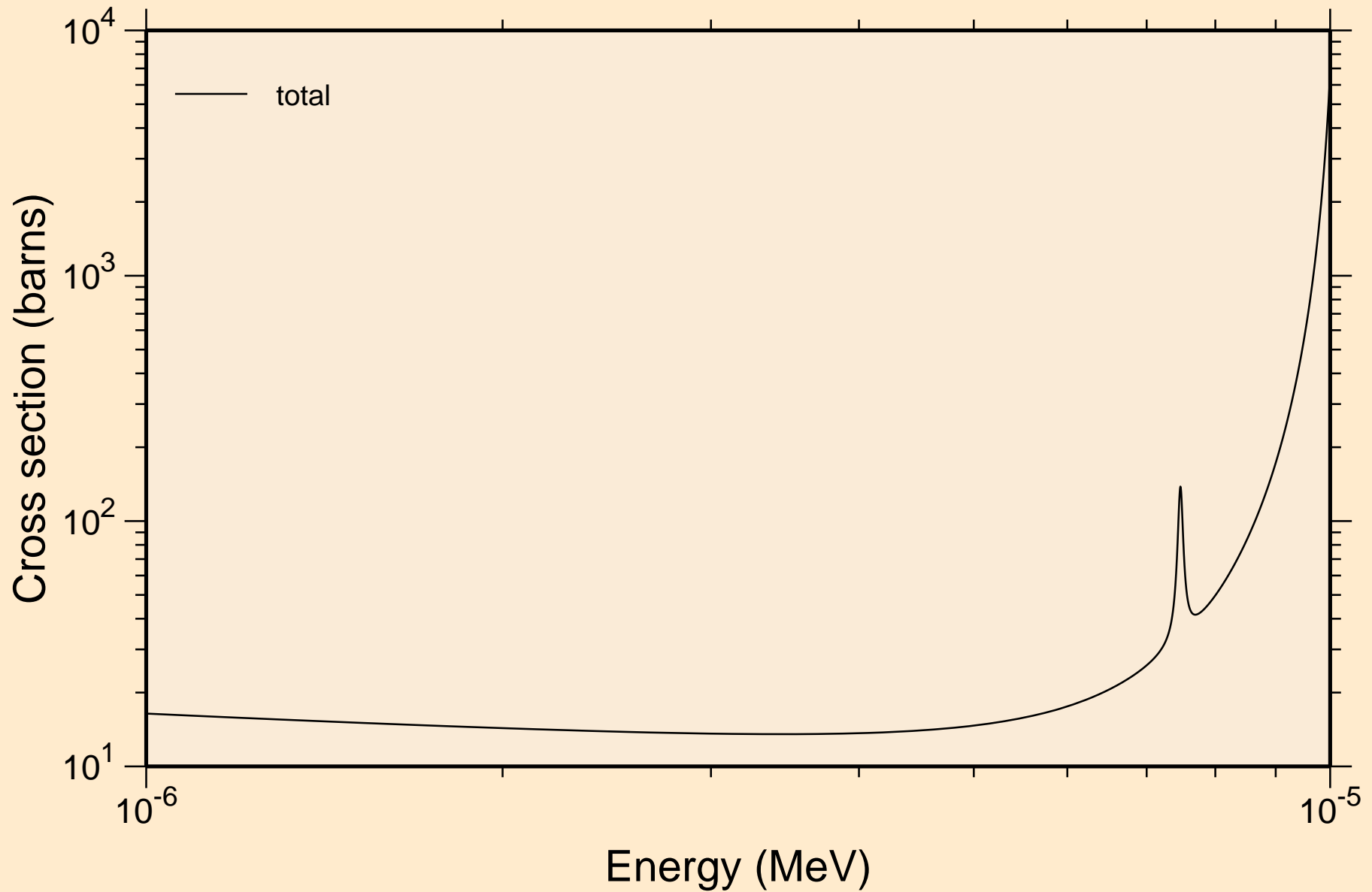


# ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

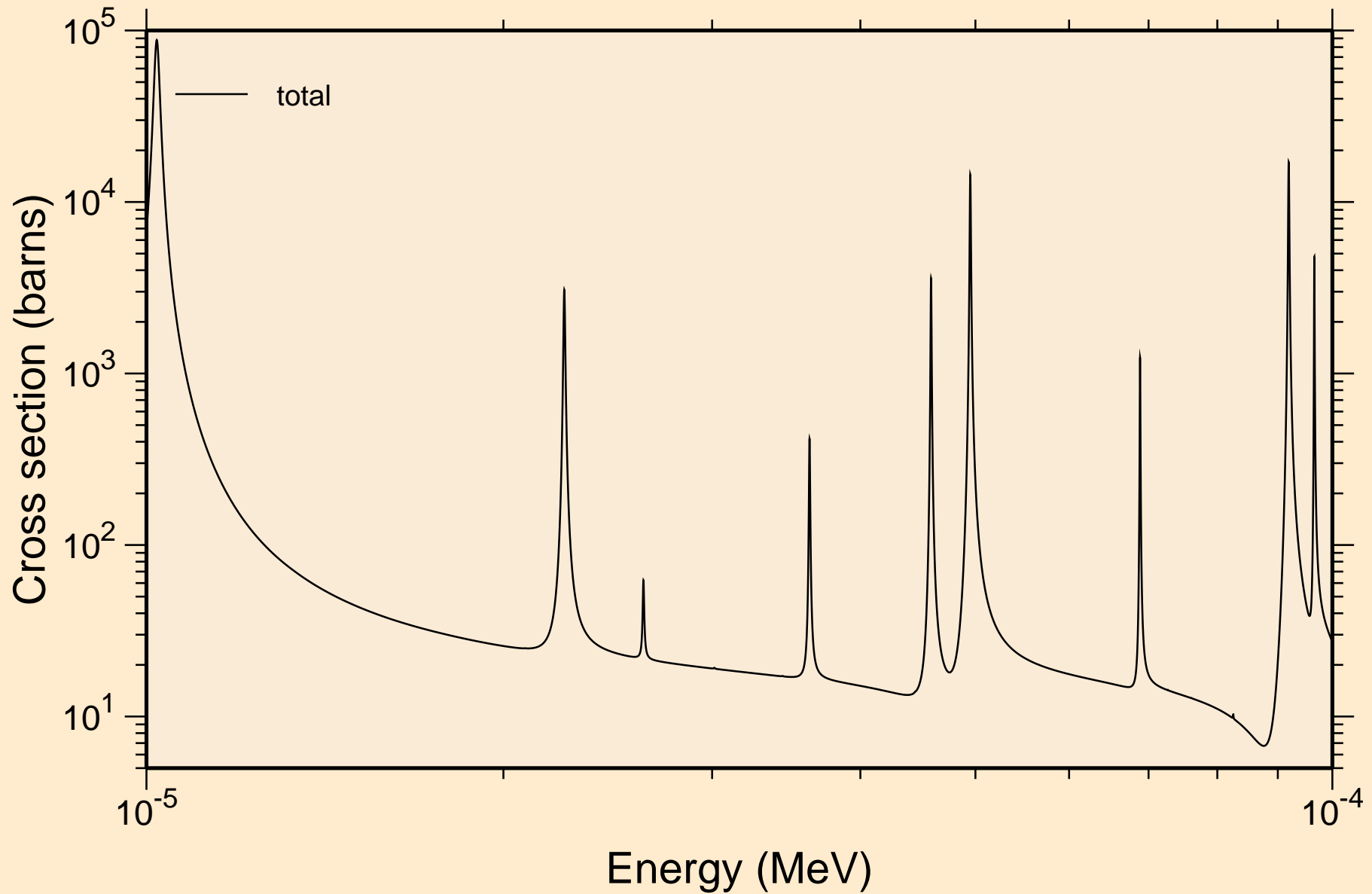
## Principal cross sections



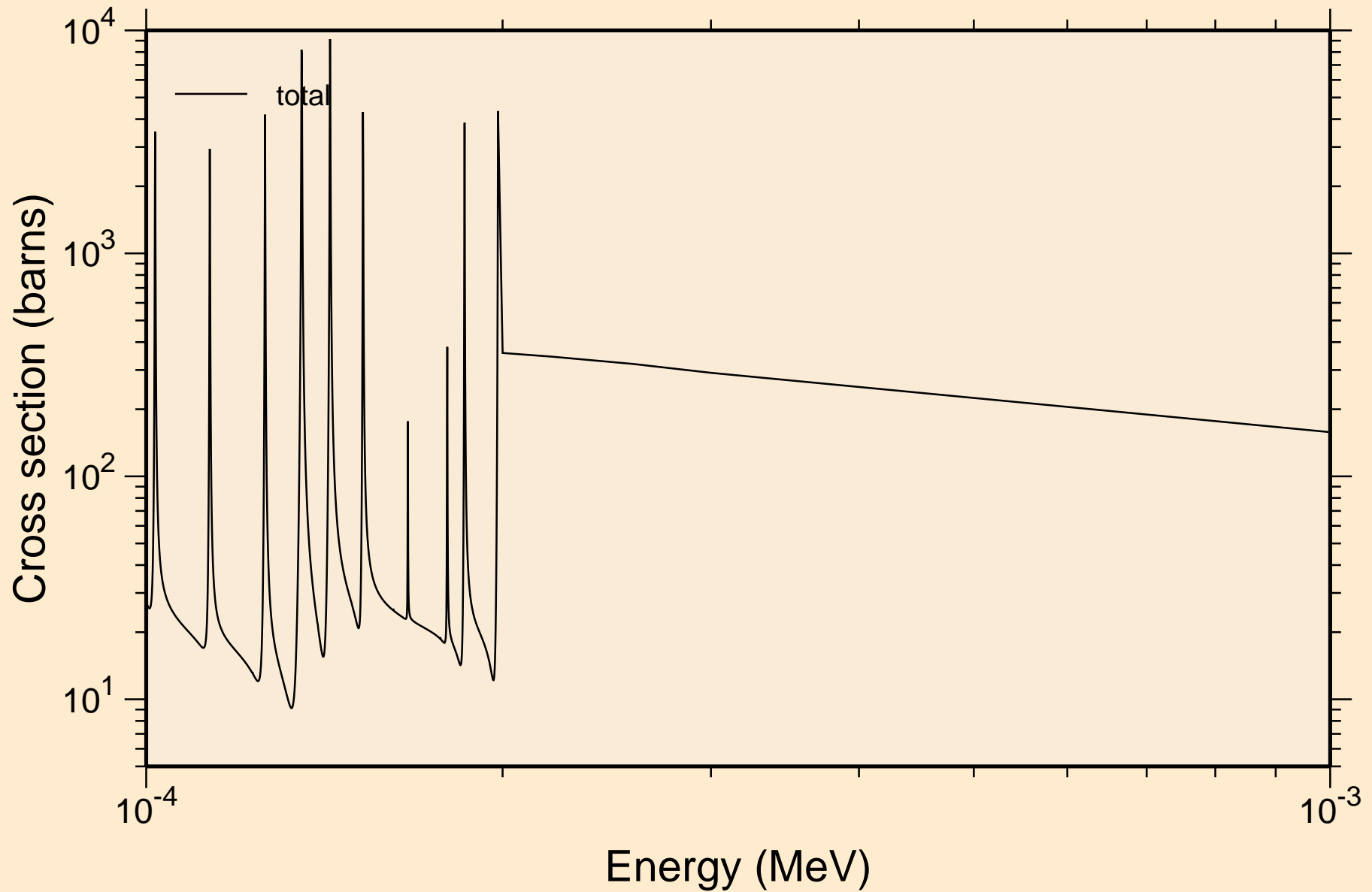
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



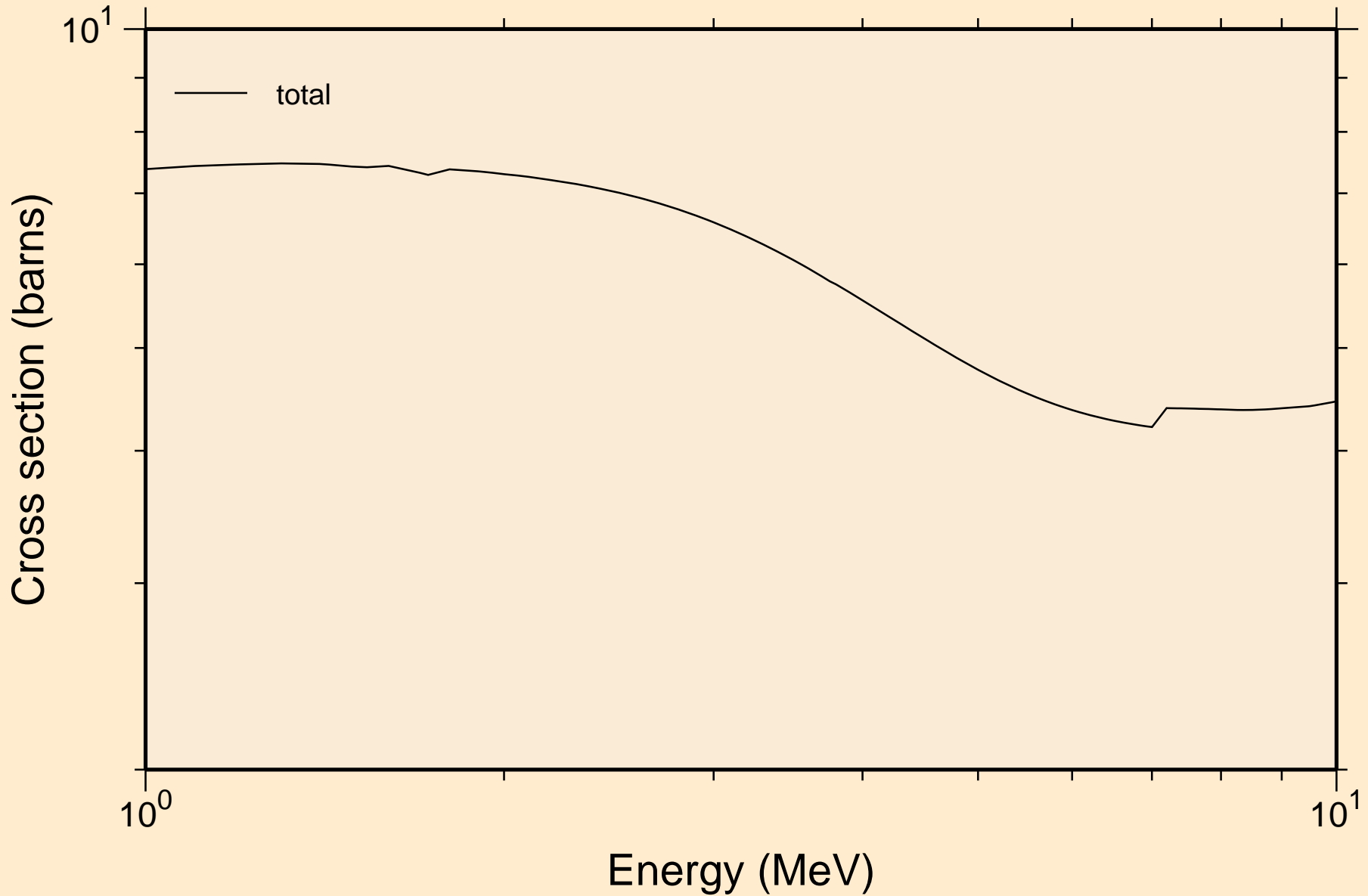
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



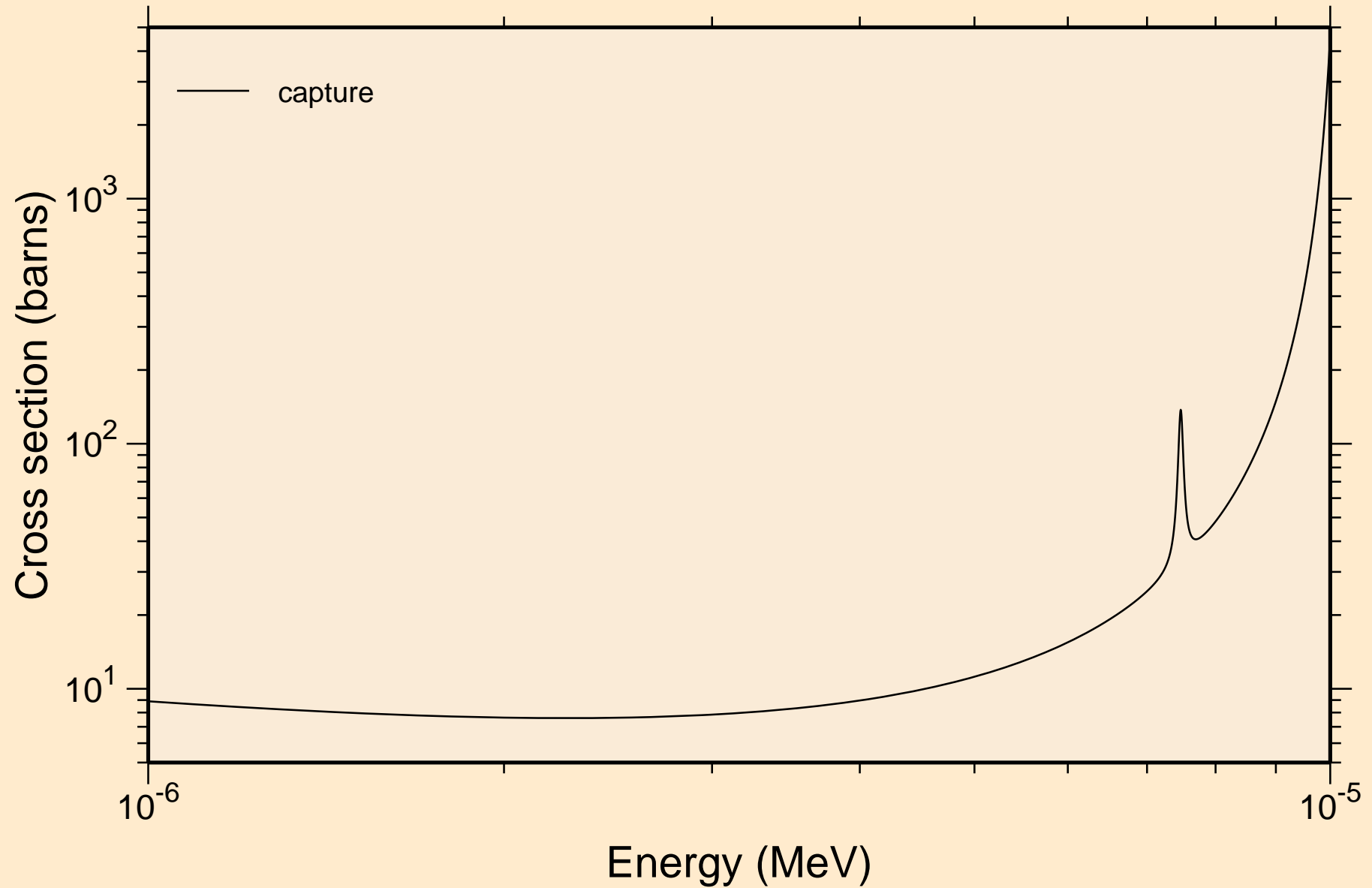
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



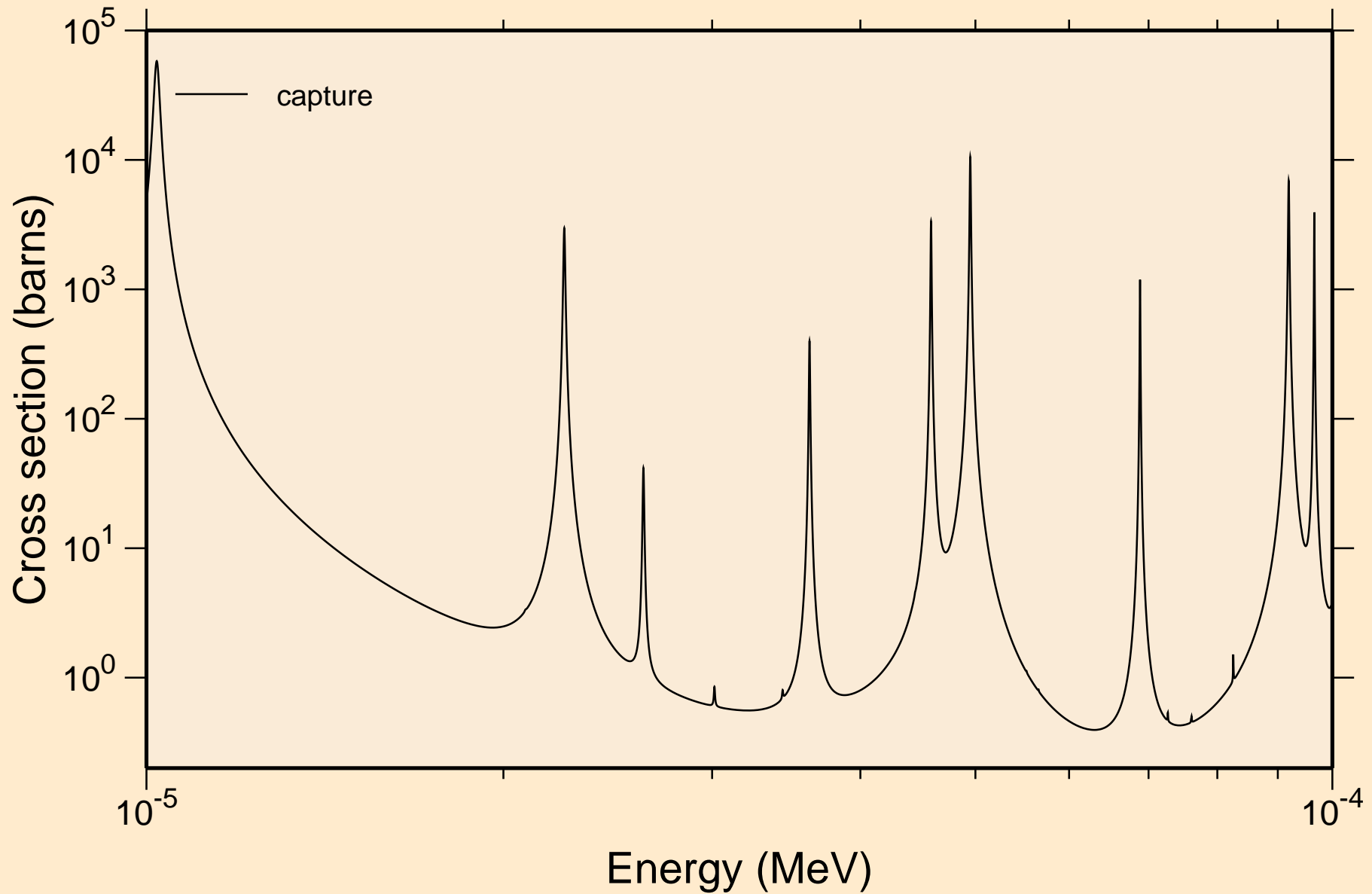
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



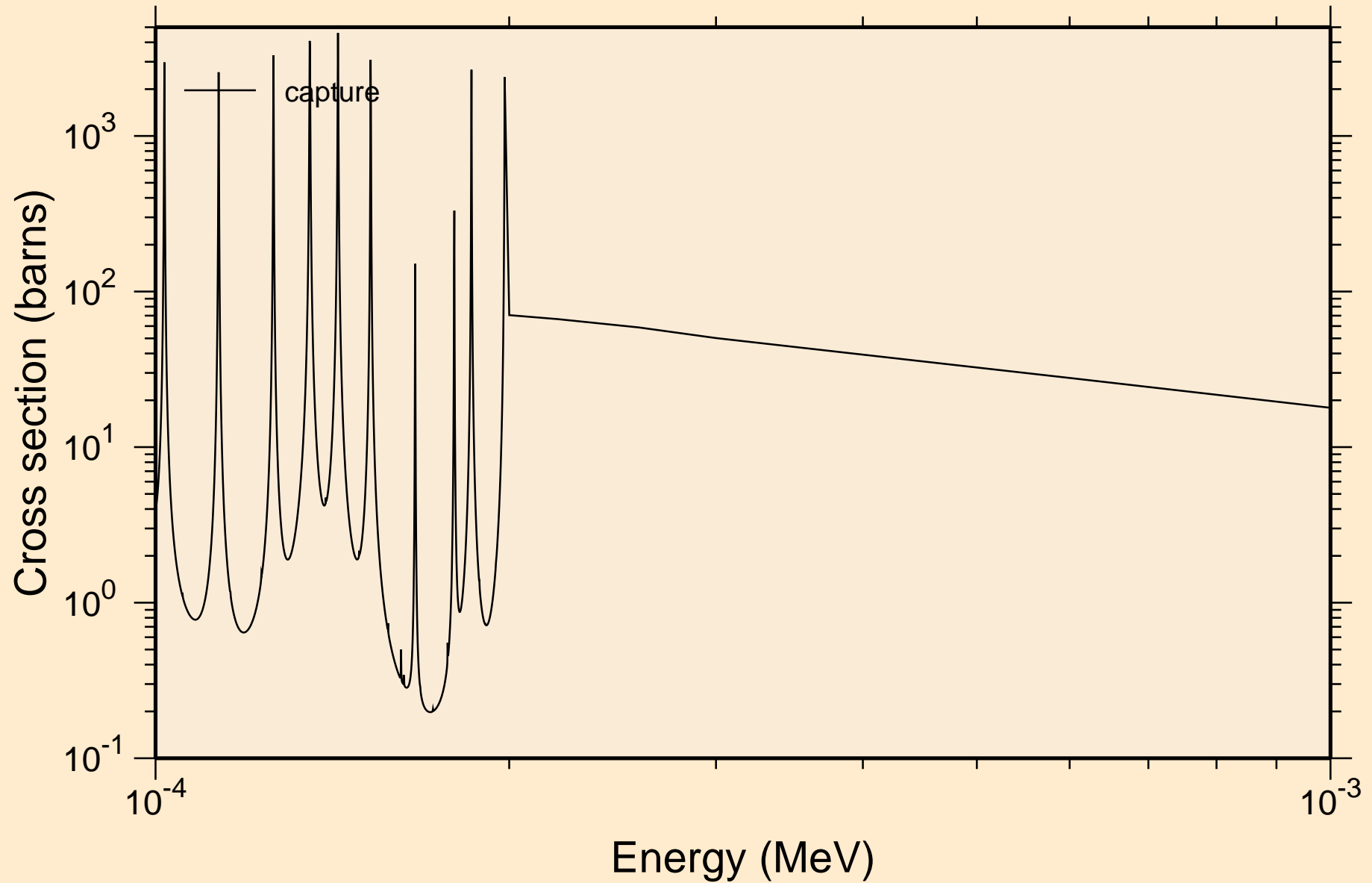
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

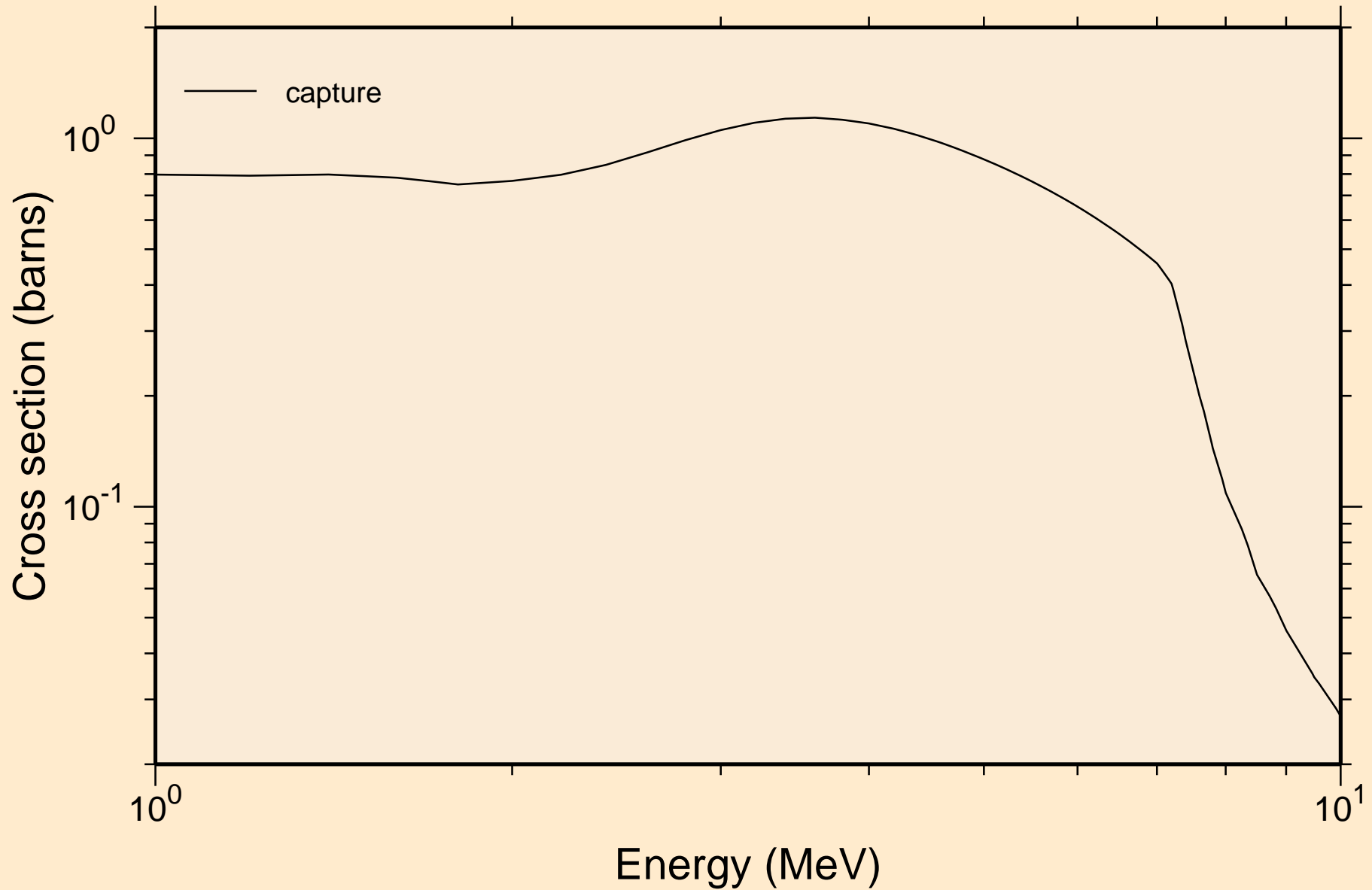


ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



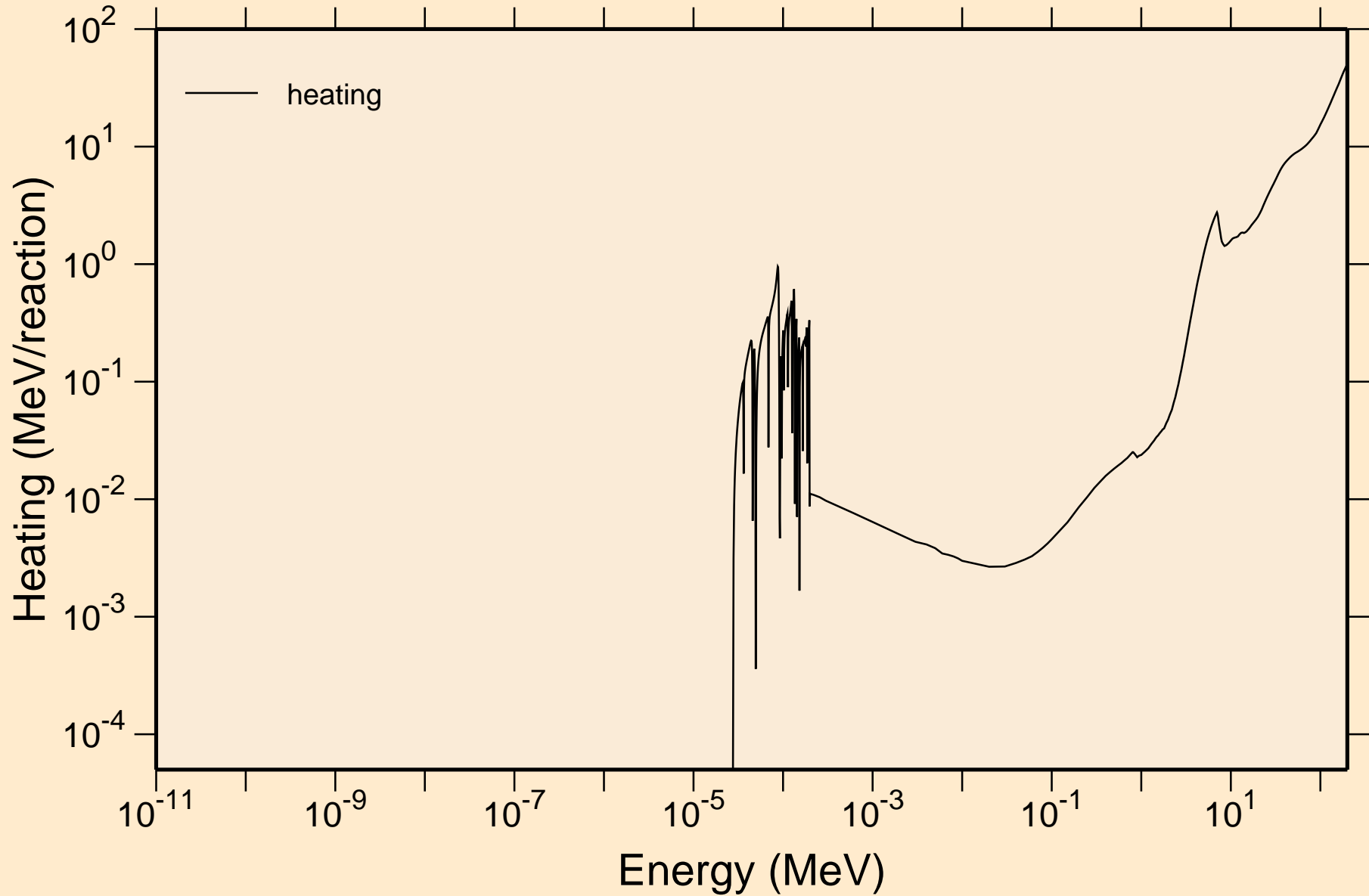


ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



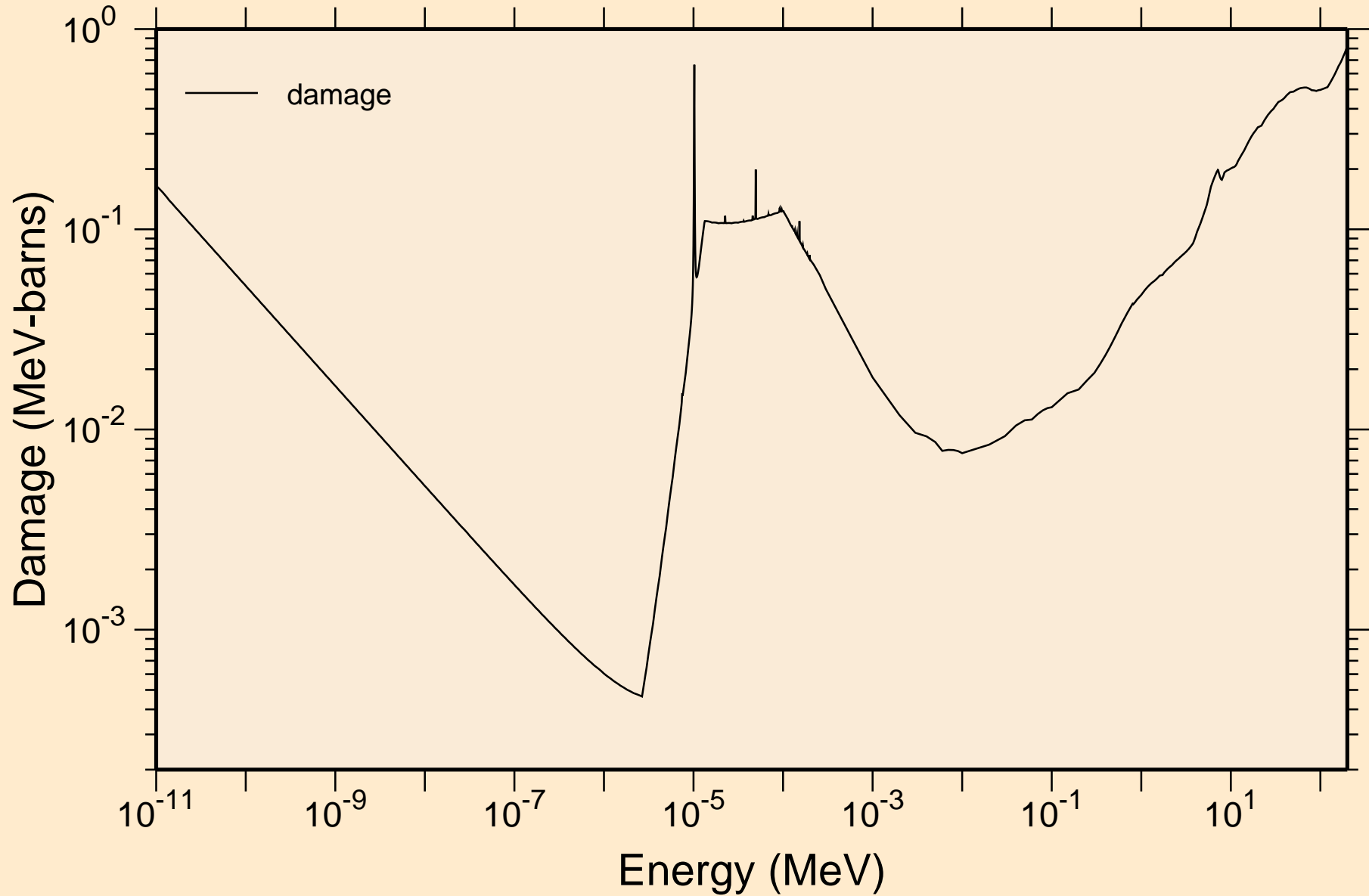
# ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



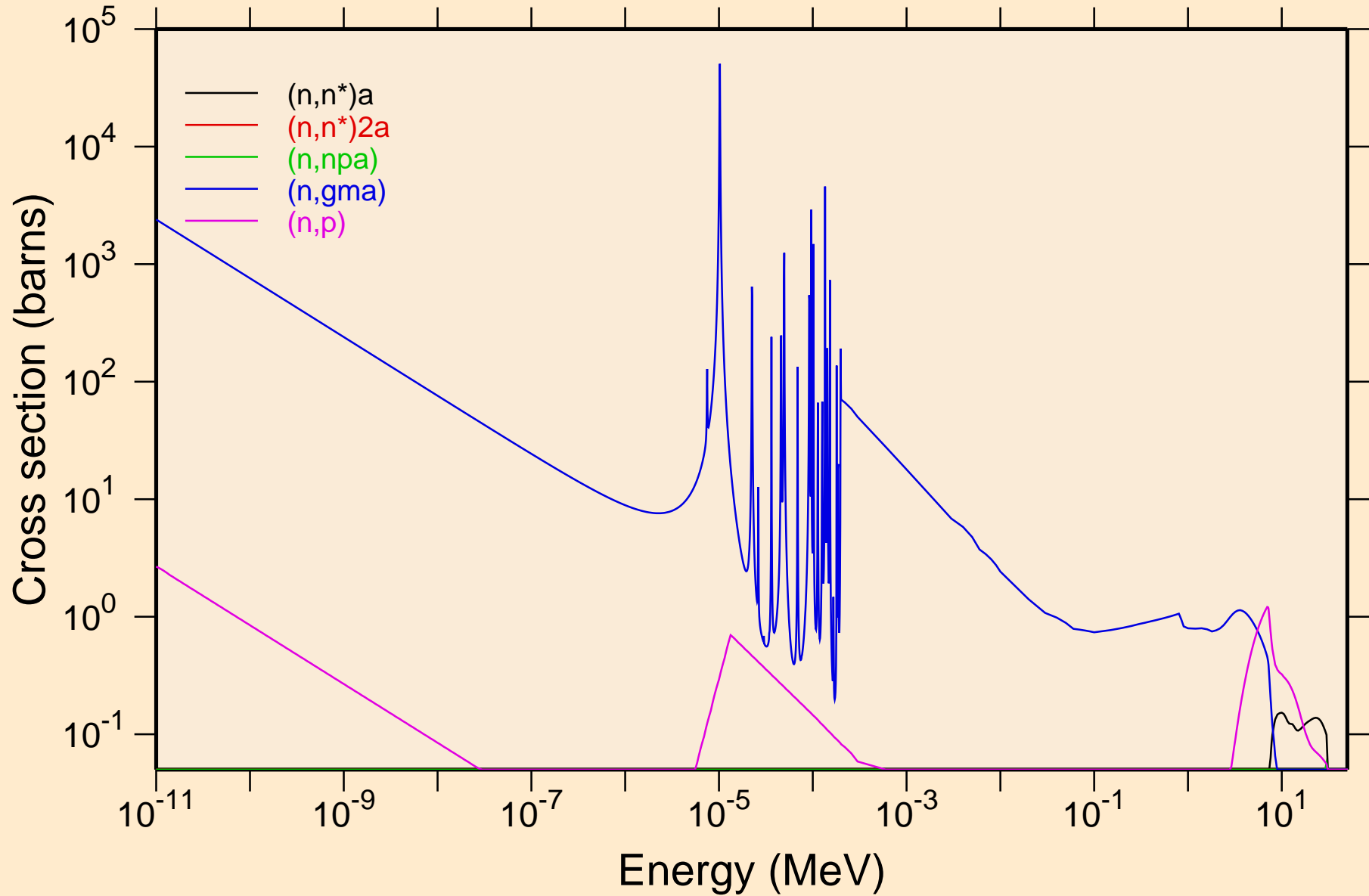
# ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

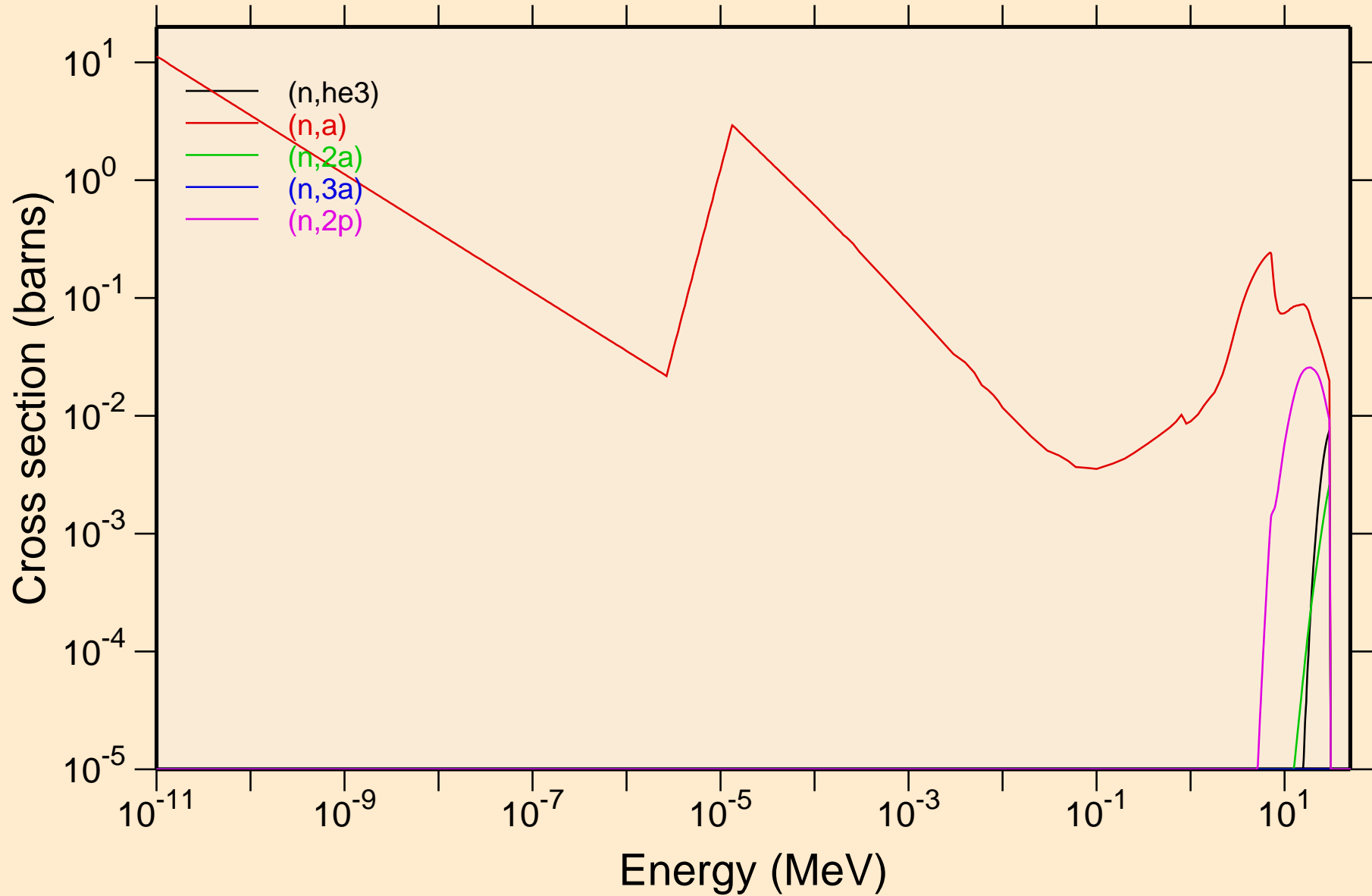


# ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

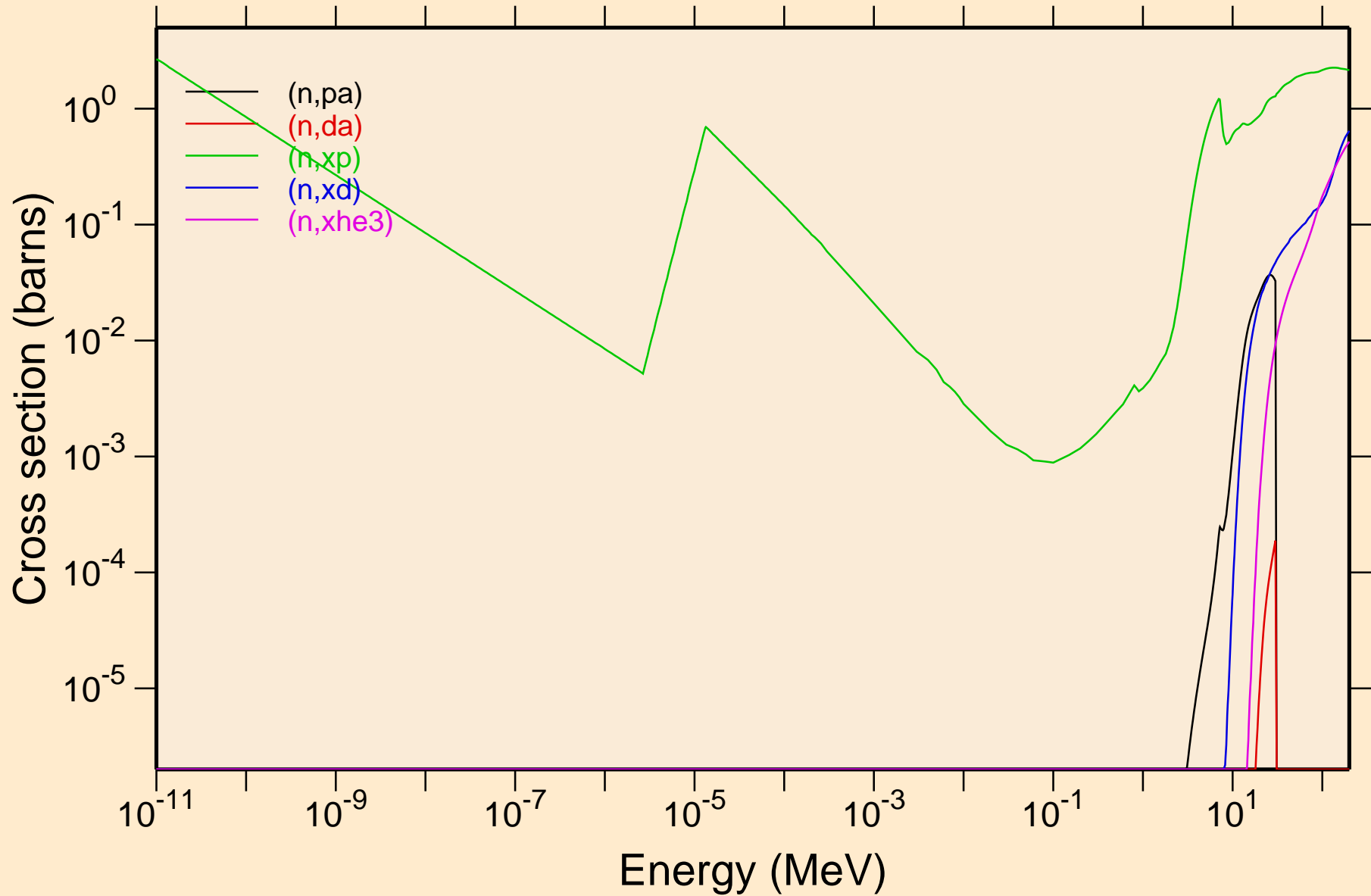


ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

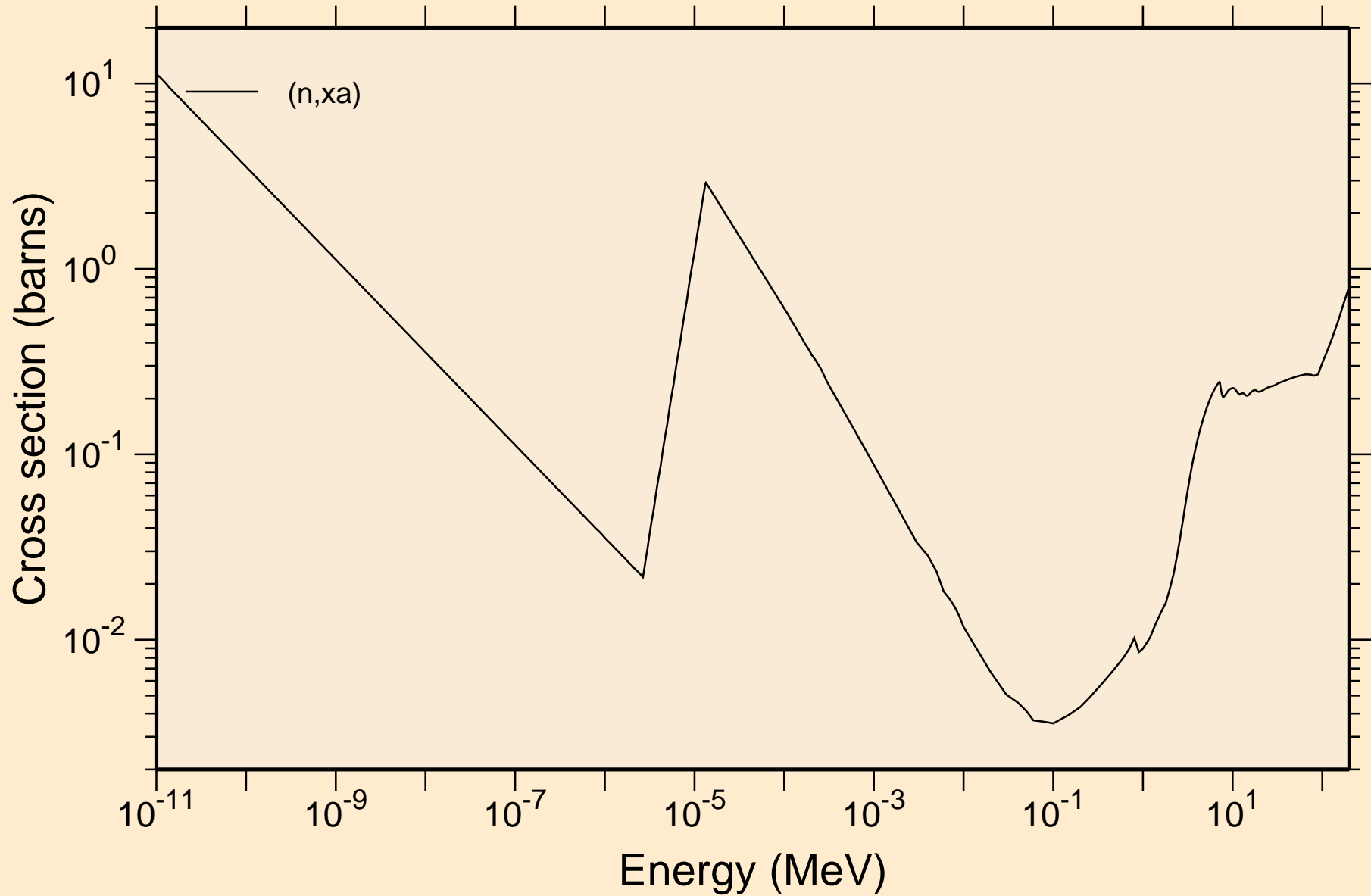


# ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

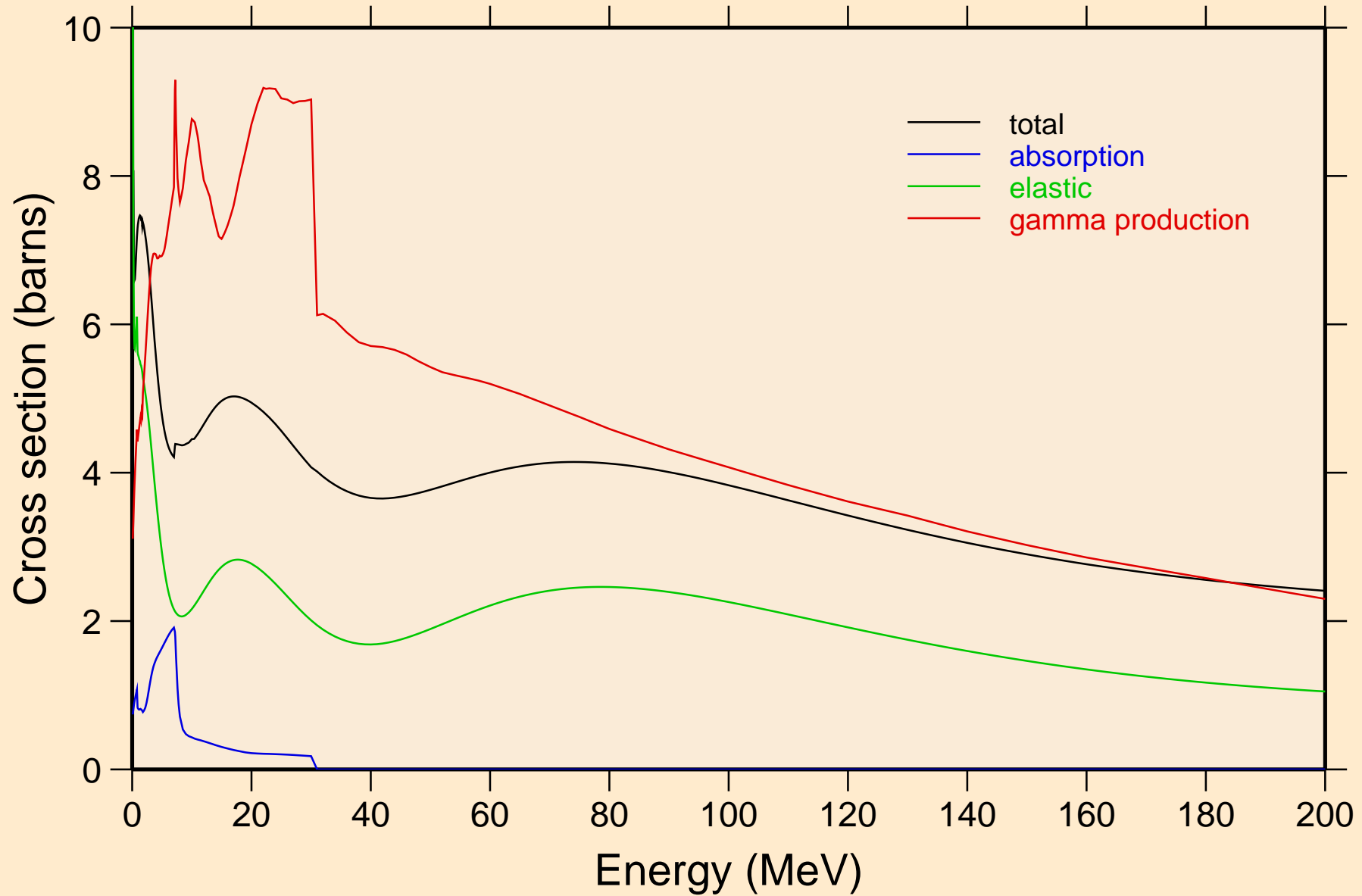


ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



# ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

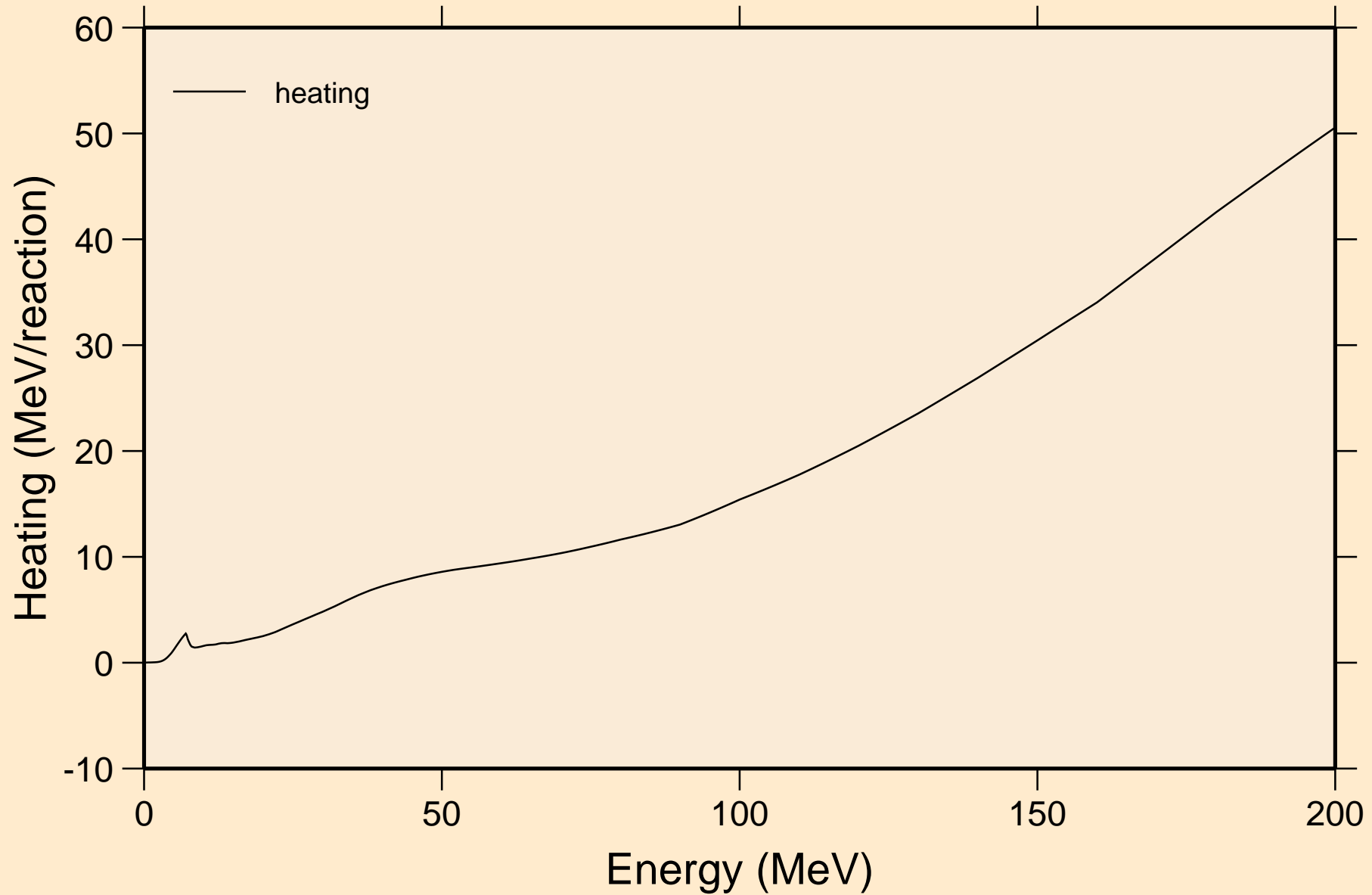
## Principal cross sections





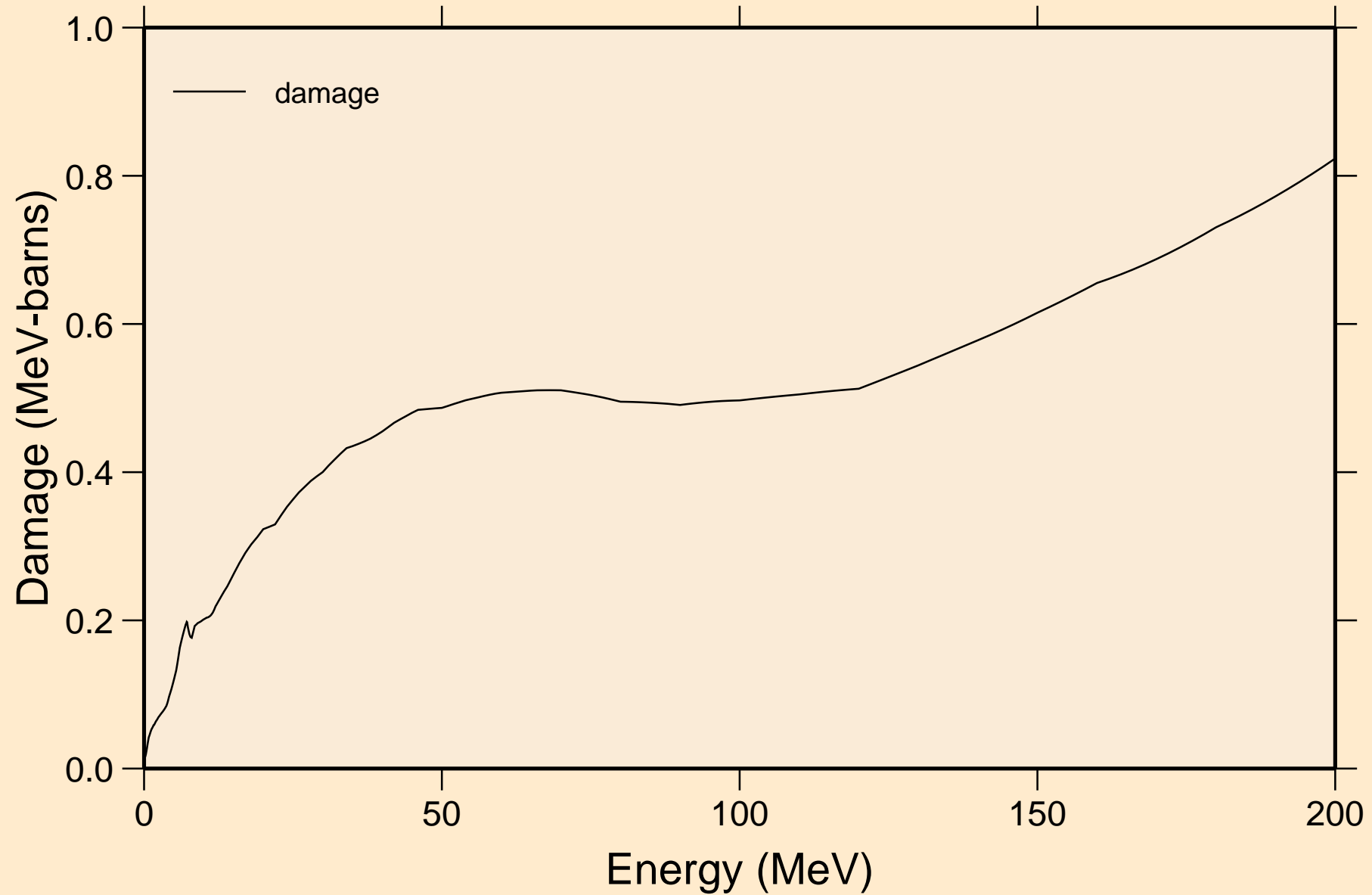
# ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



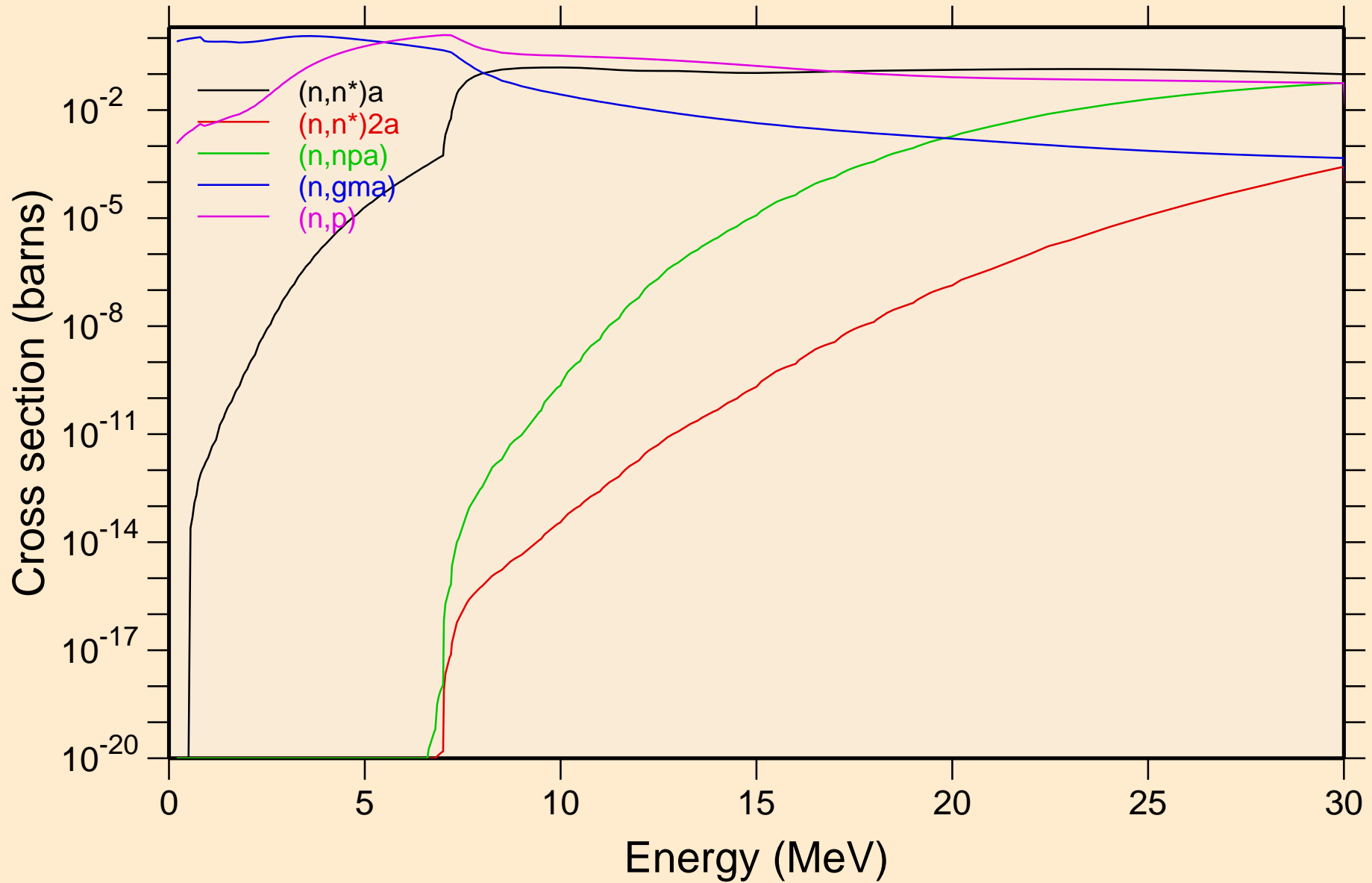
# ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

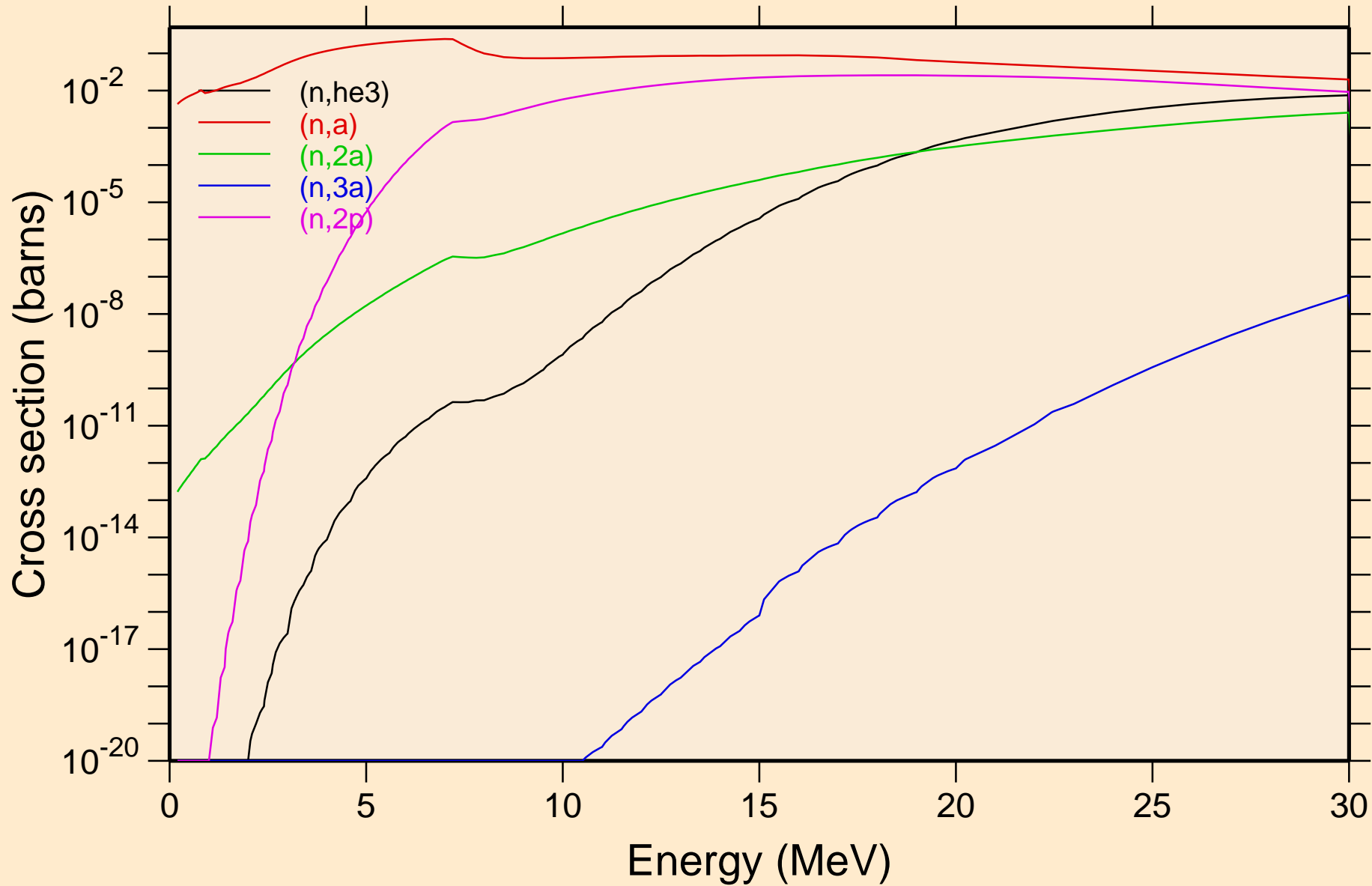


# ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

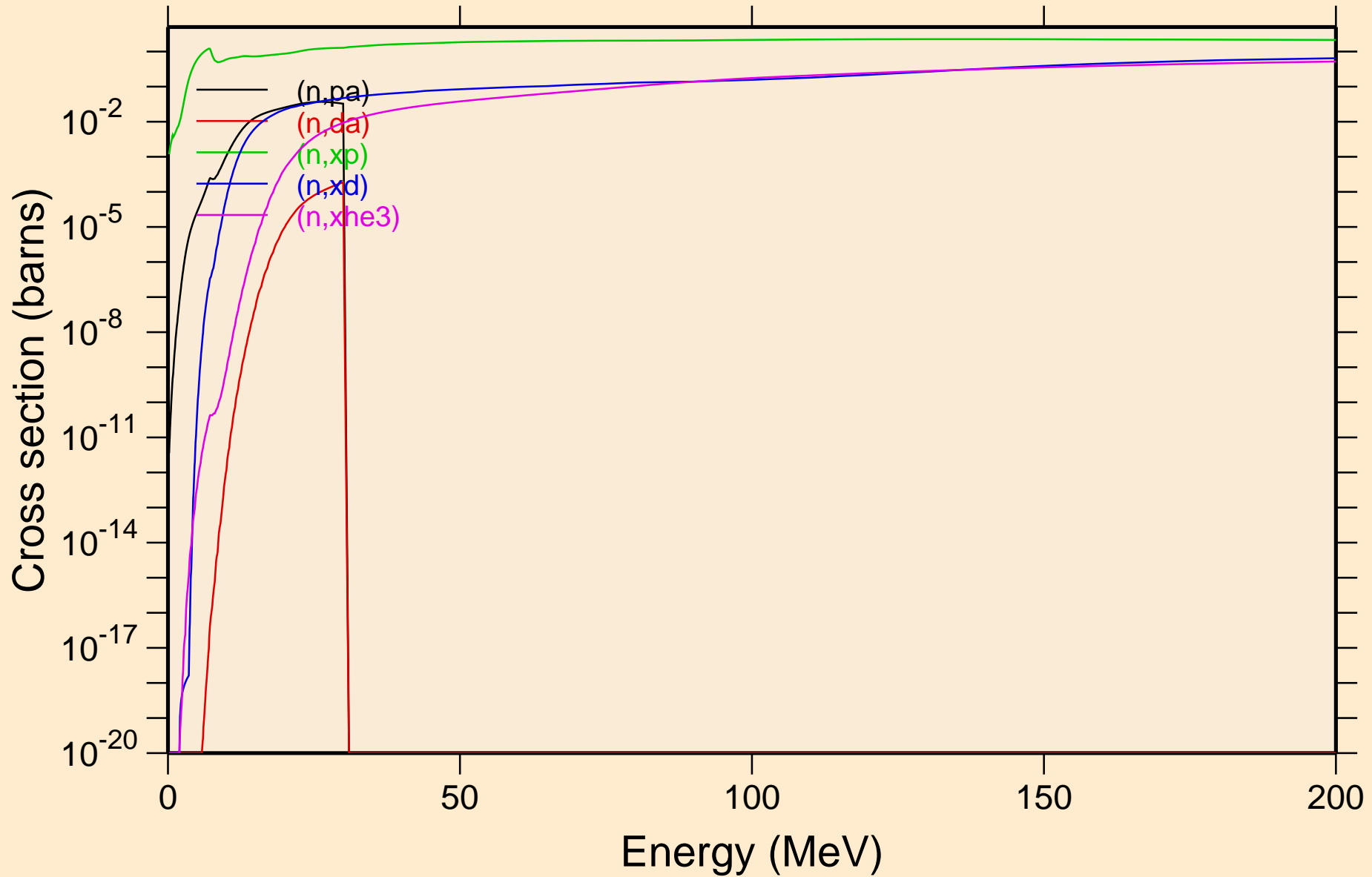


ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

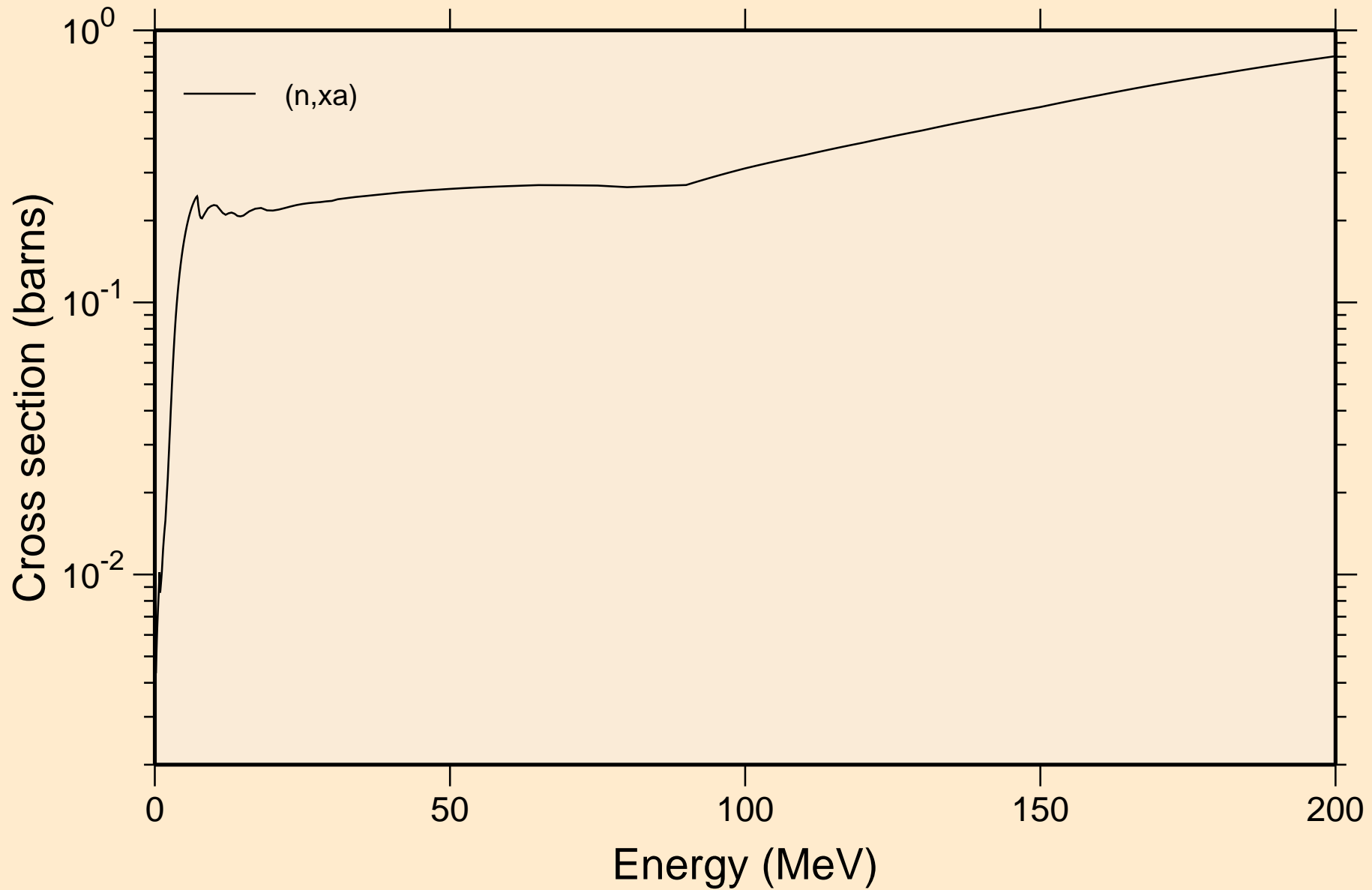


# ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

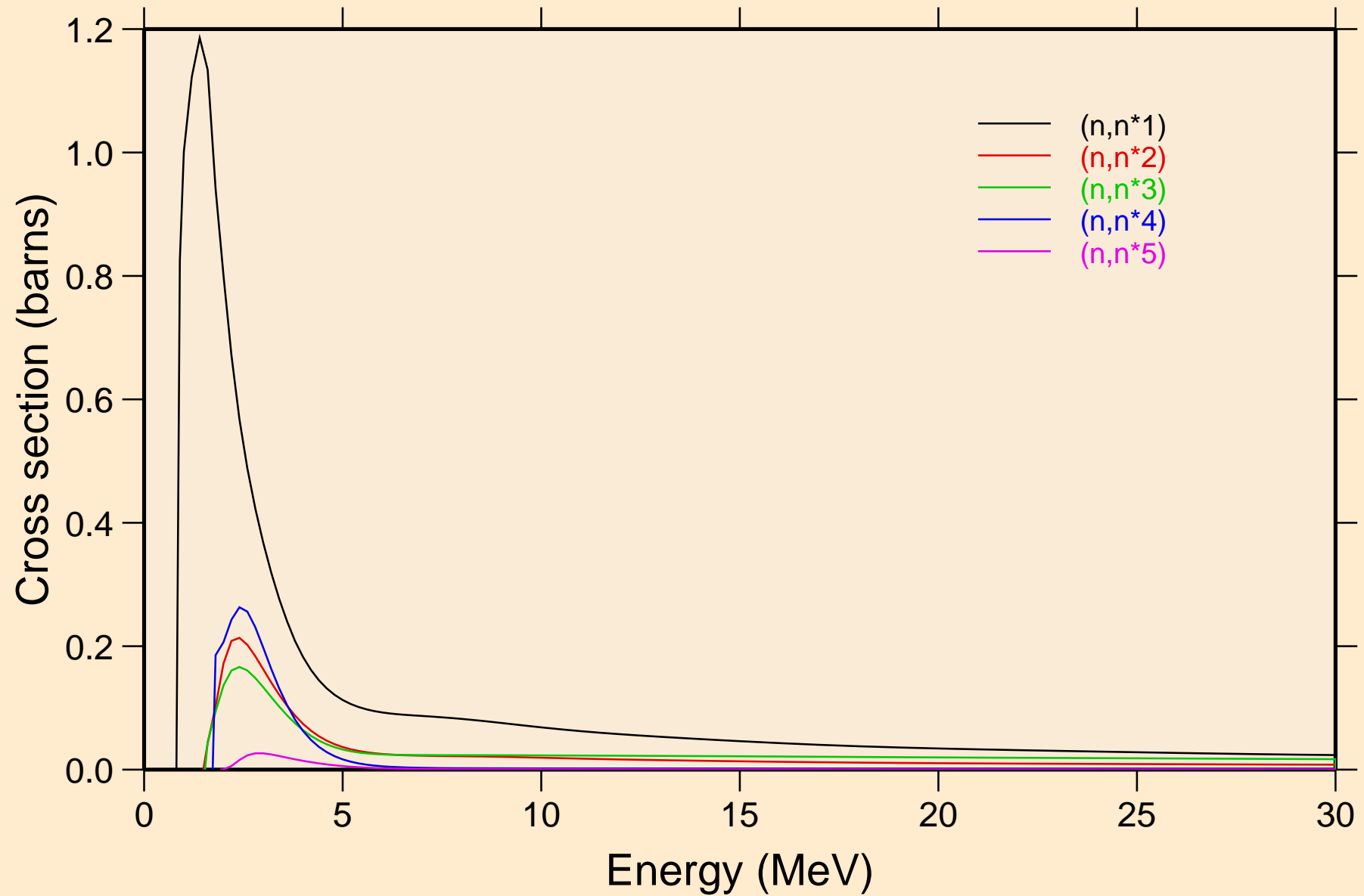
## Non-threshold reactions



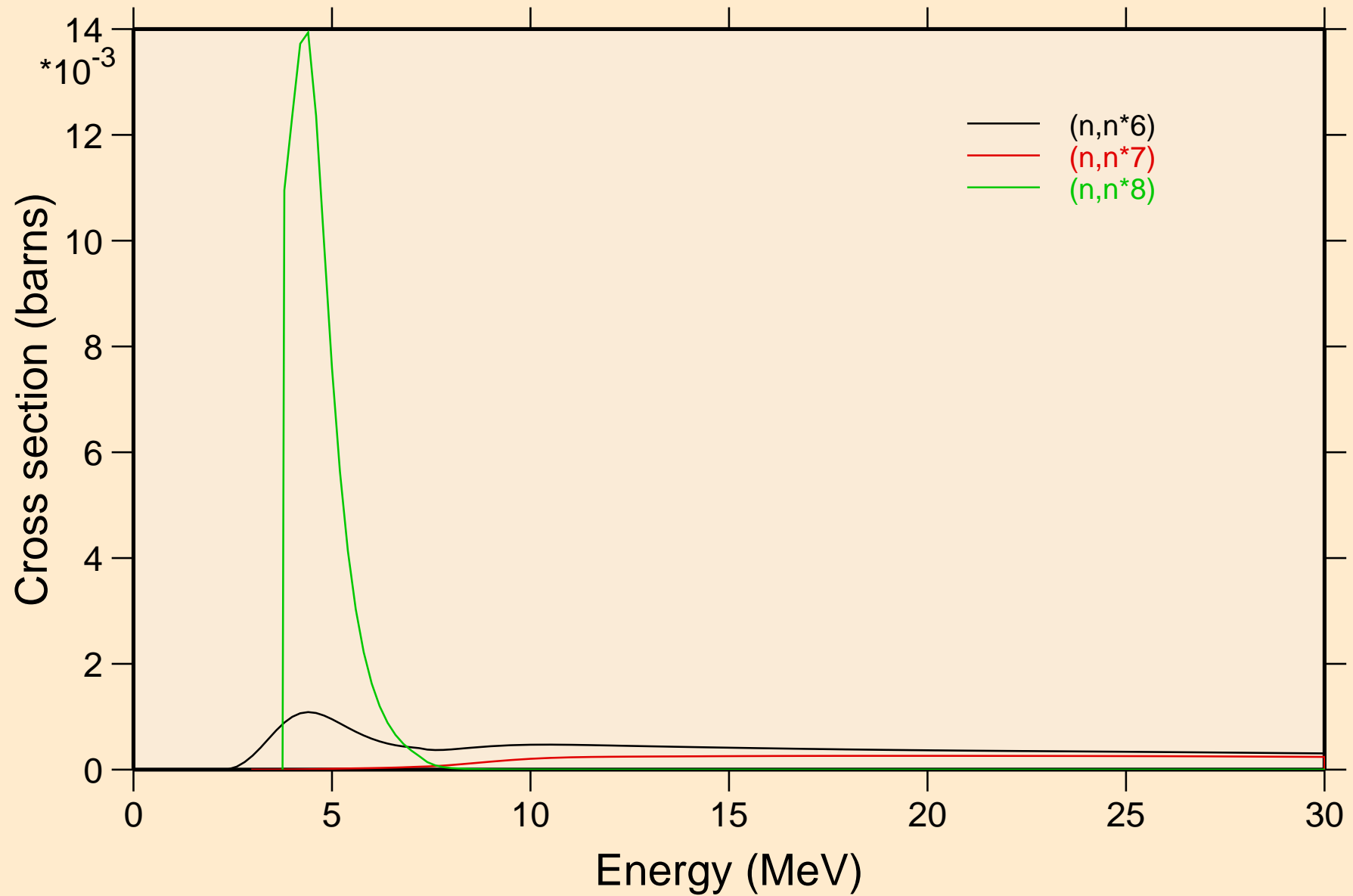
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



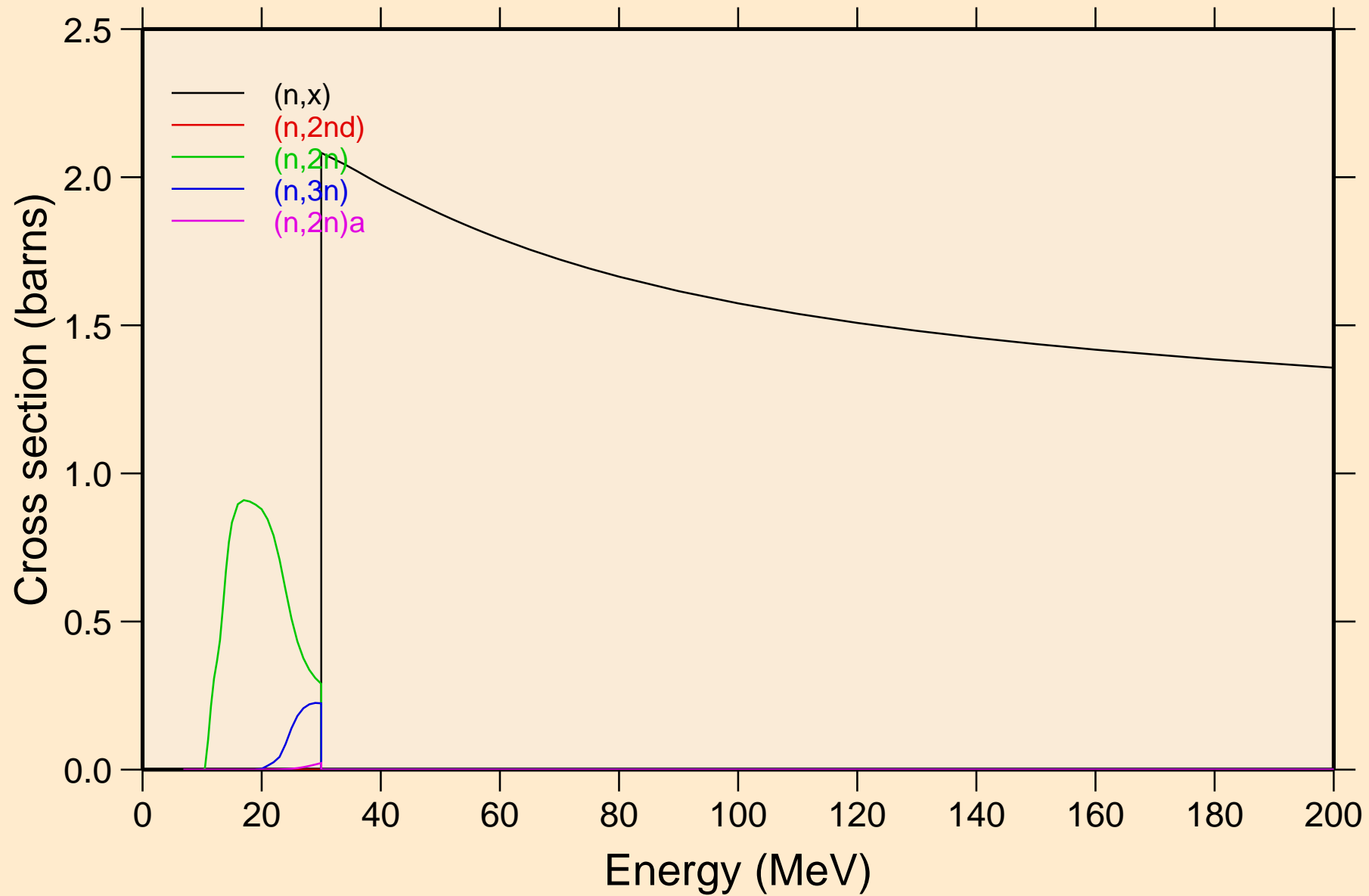
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels





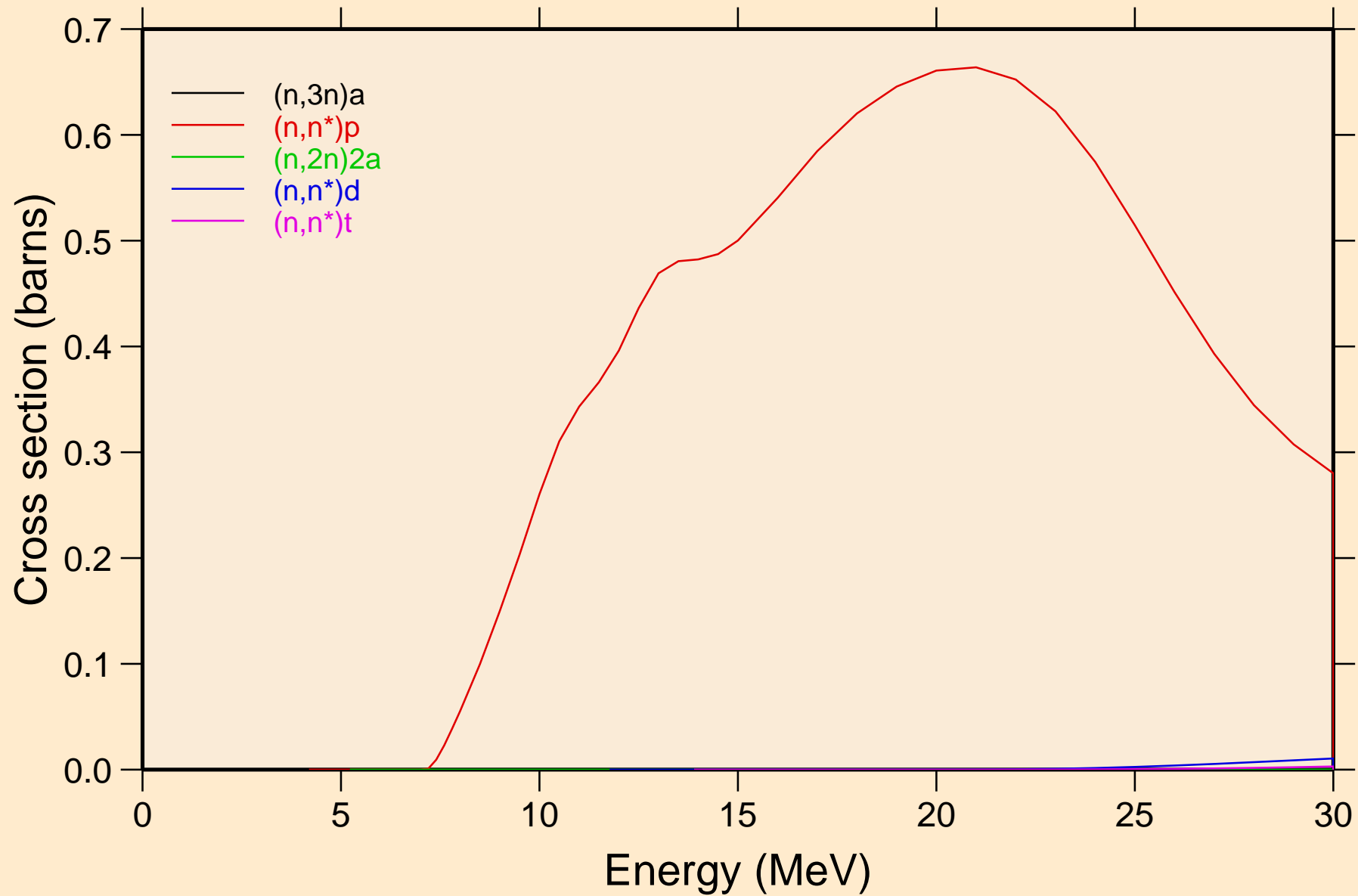
# ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



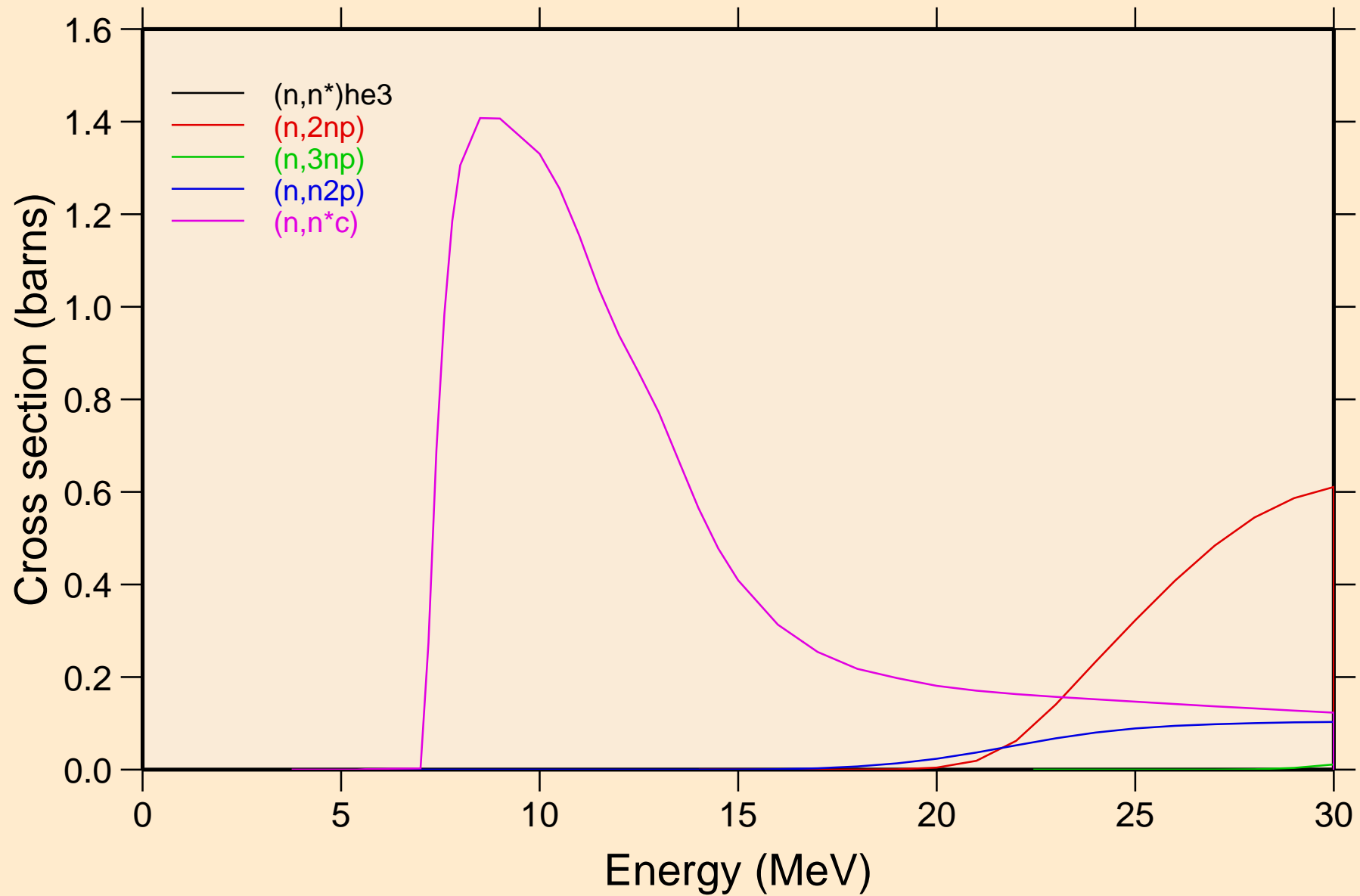
# ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



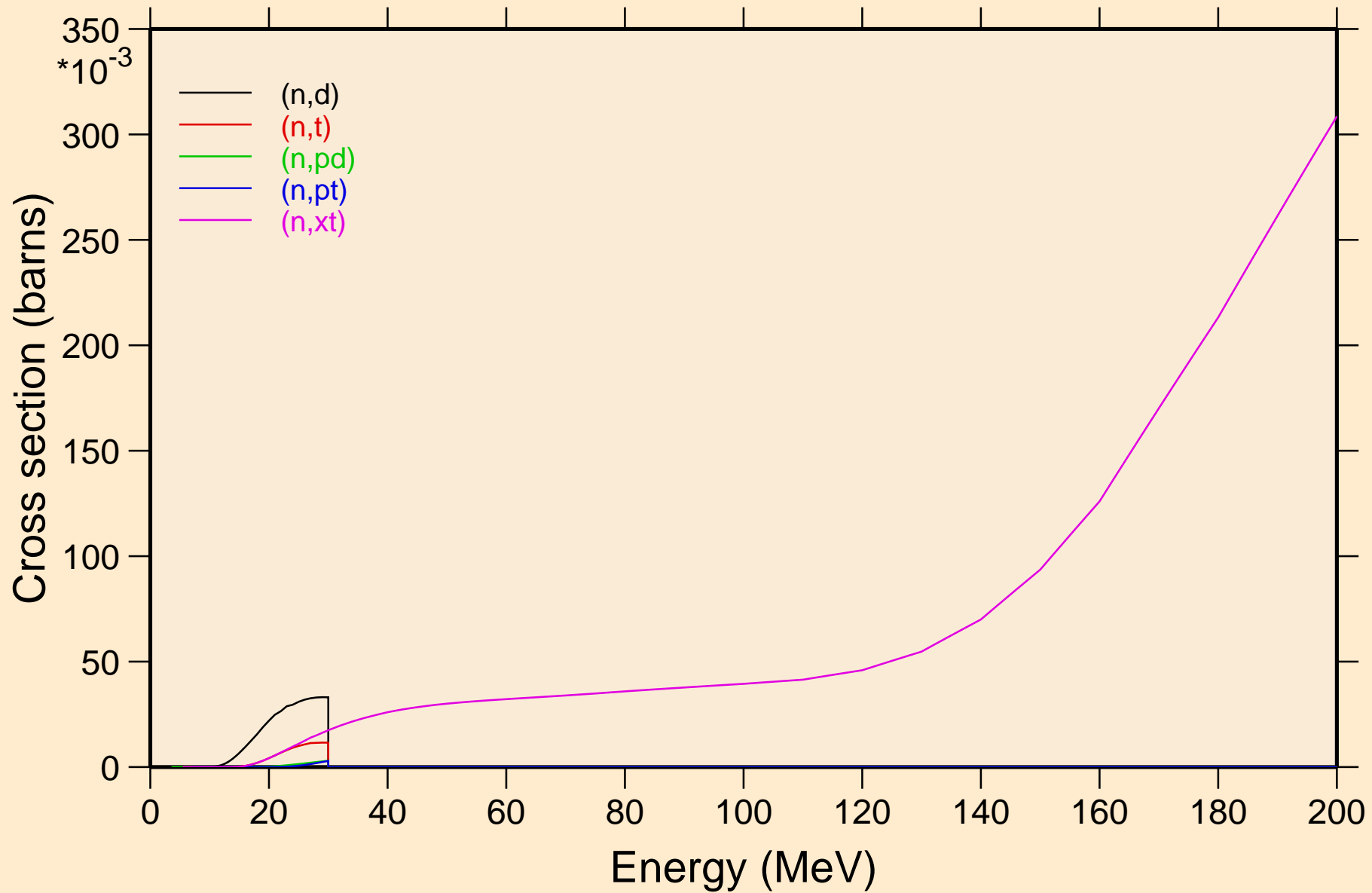
# ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

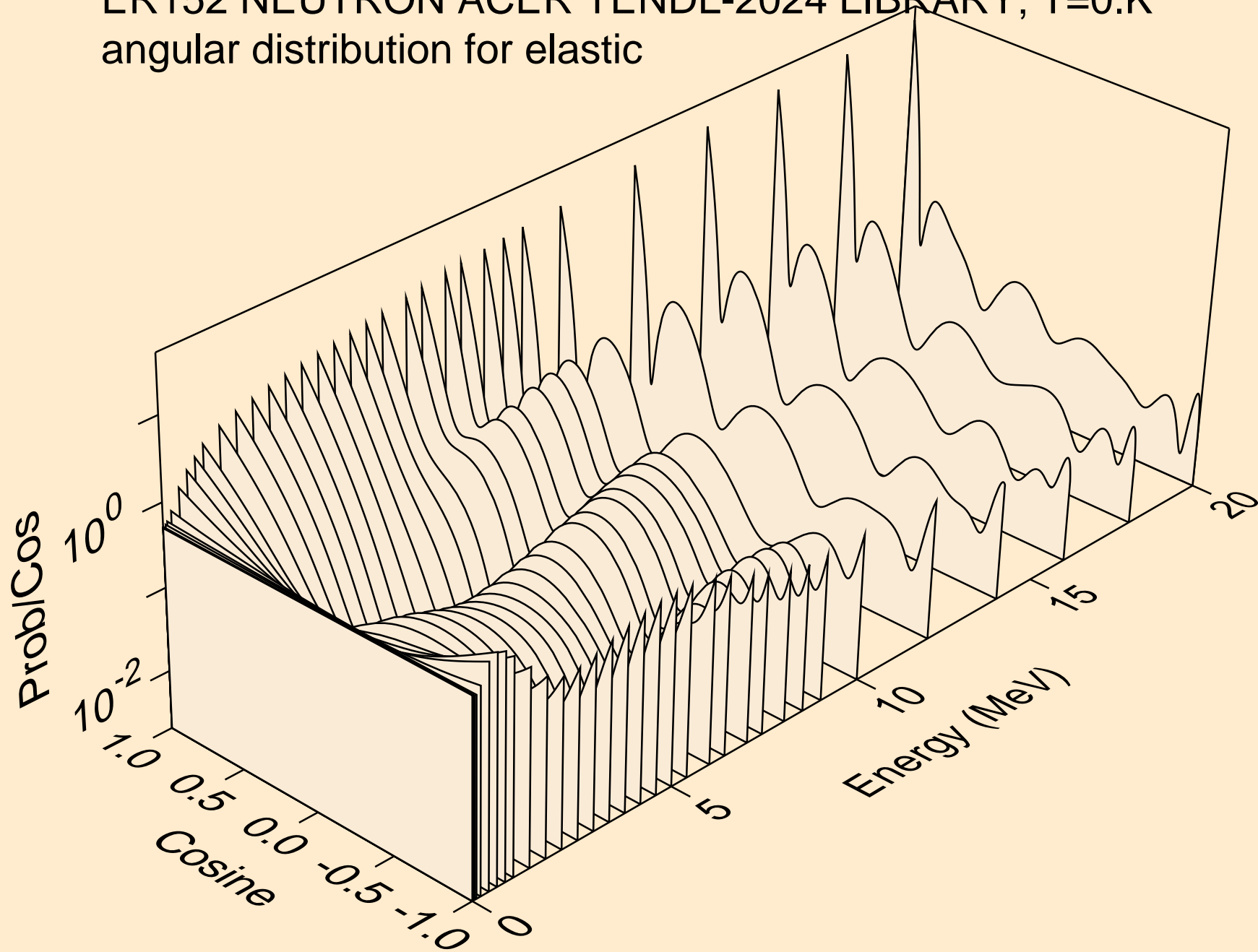


# ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

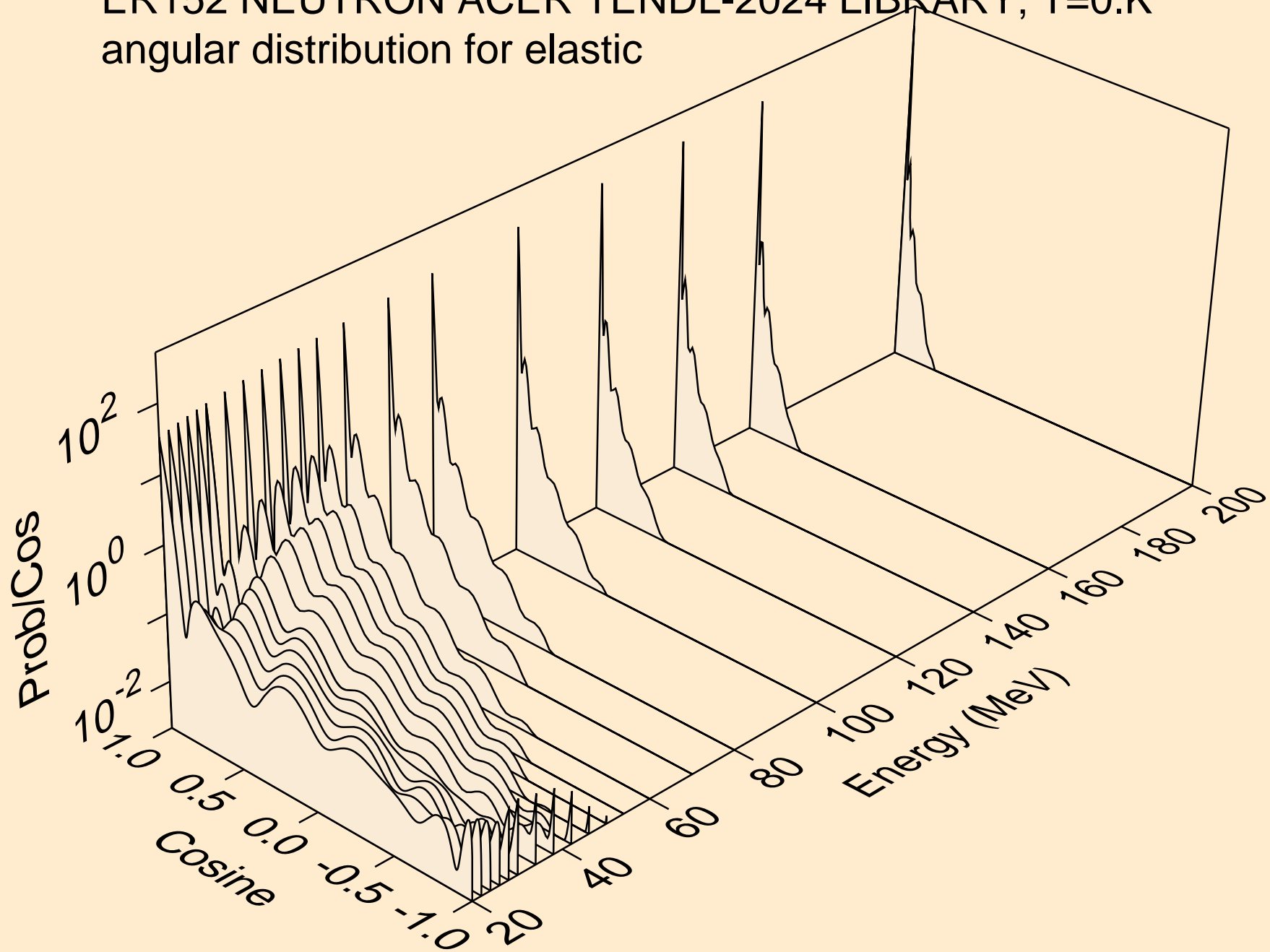
## Threshold reactions



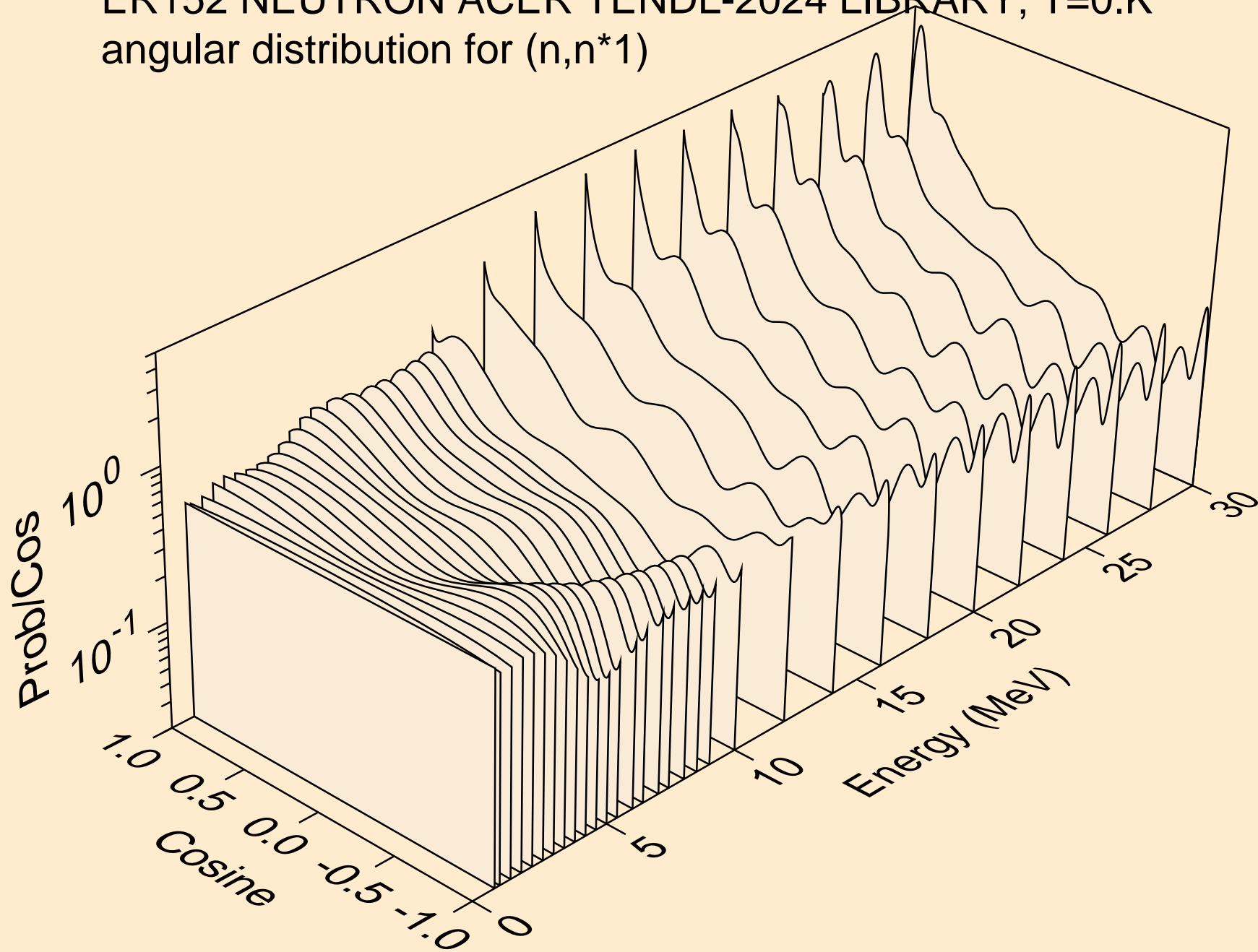
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



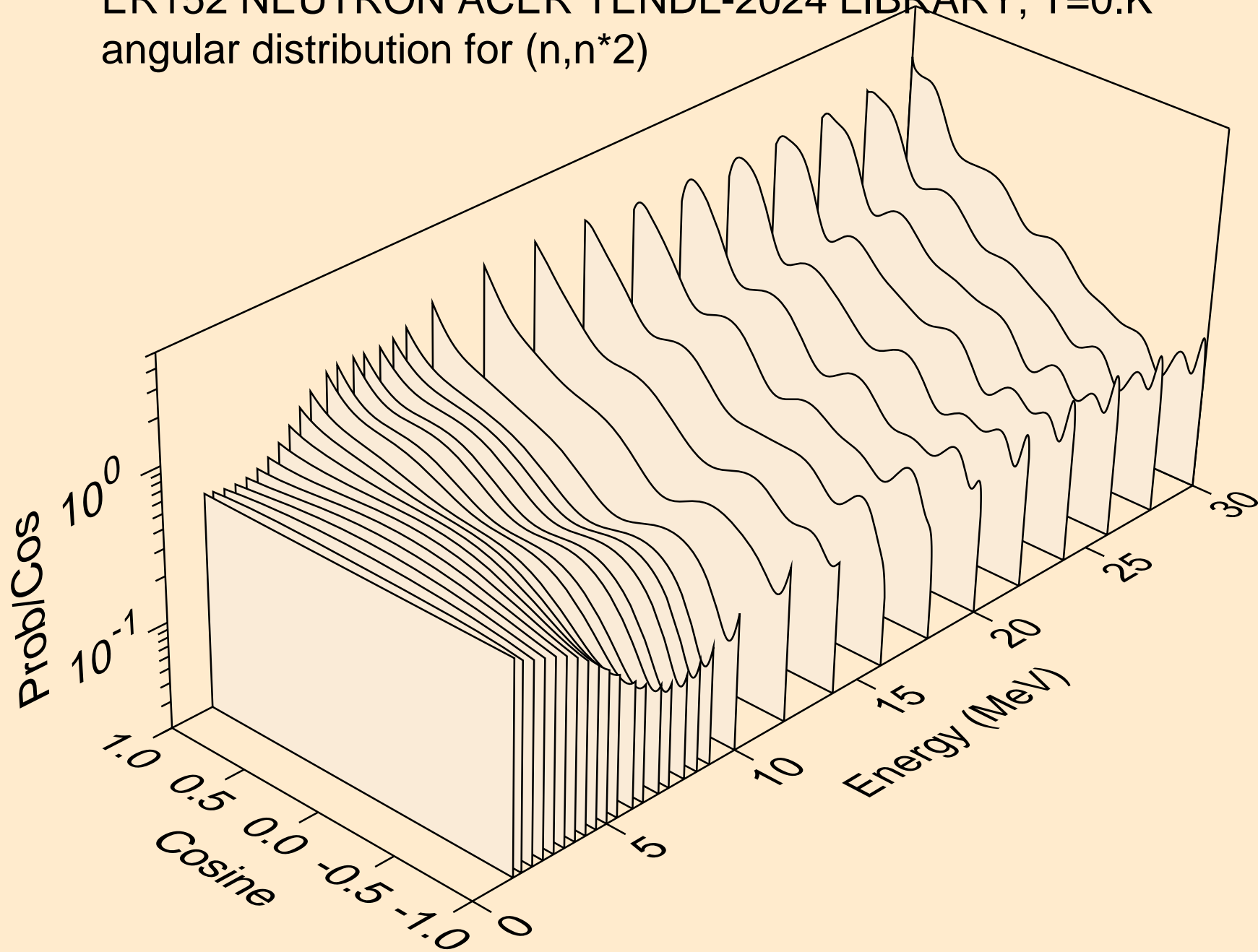
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

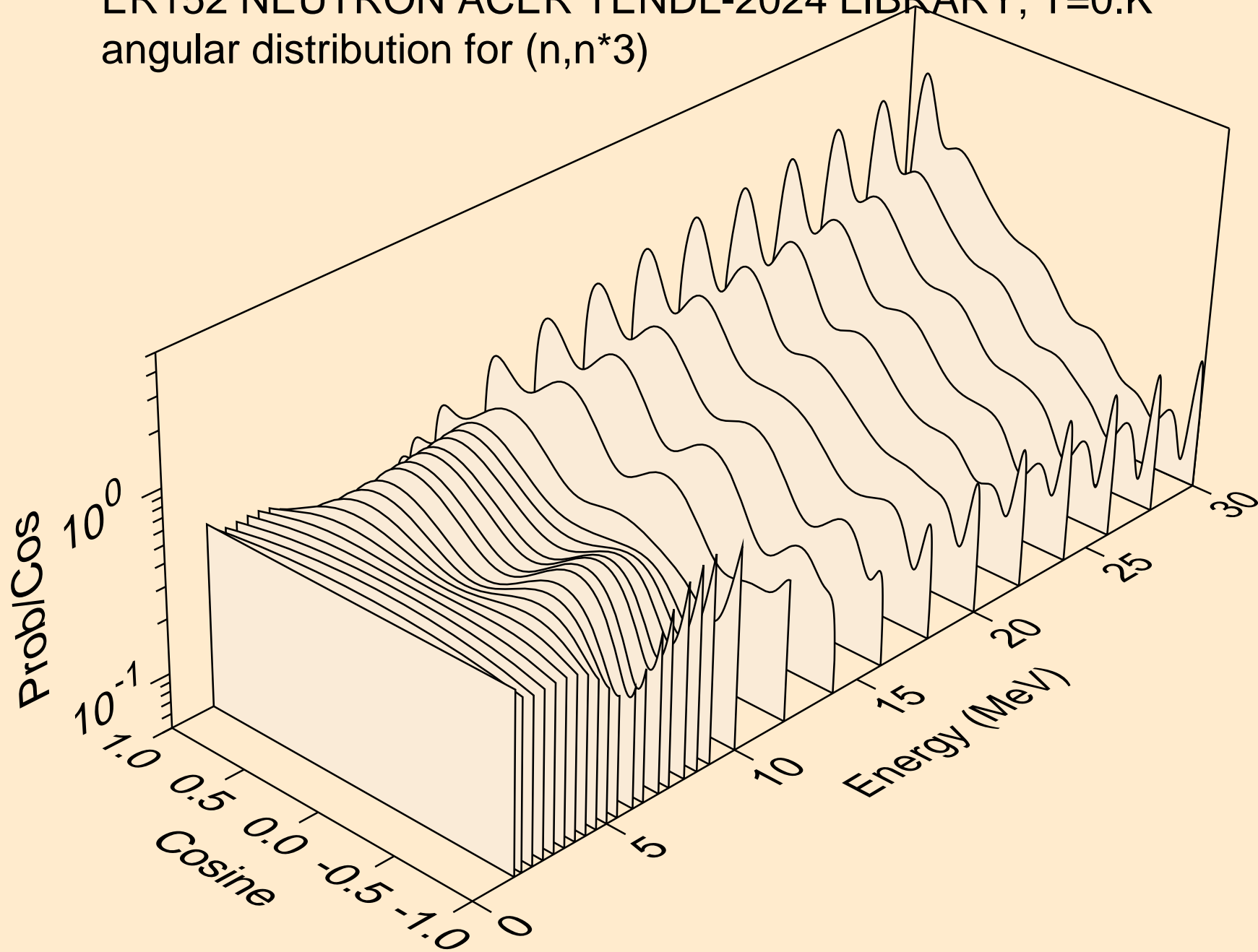


ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

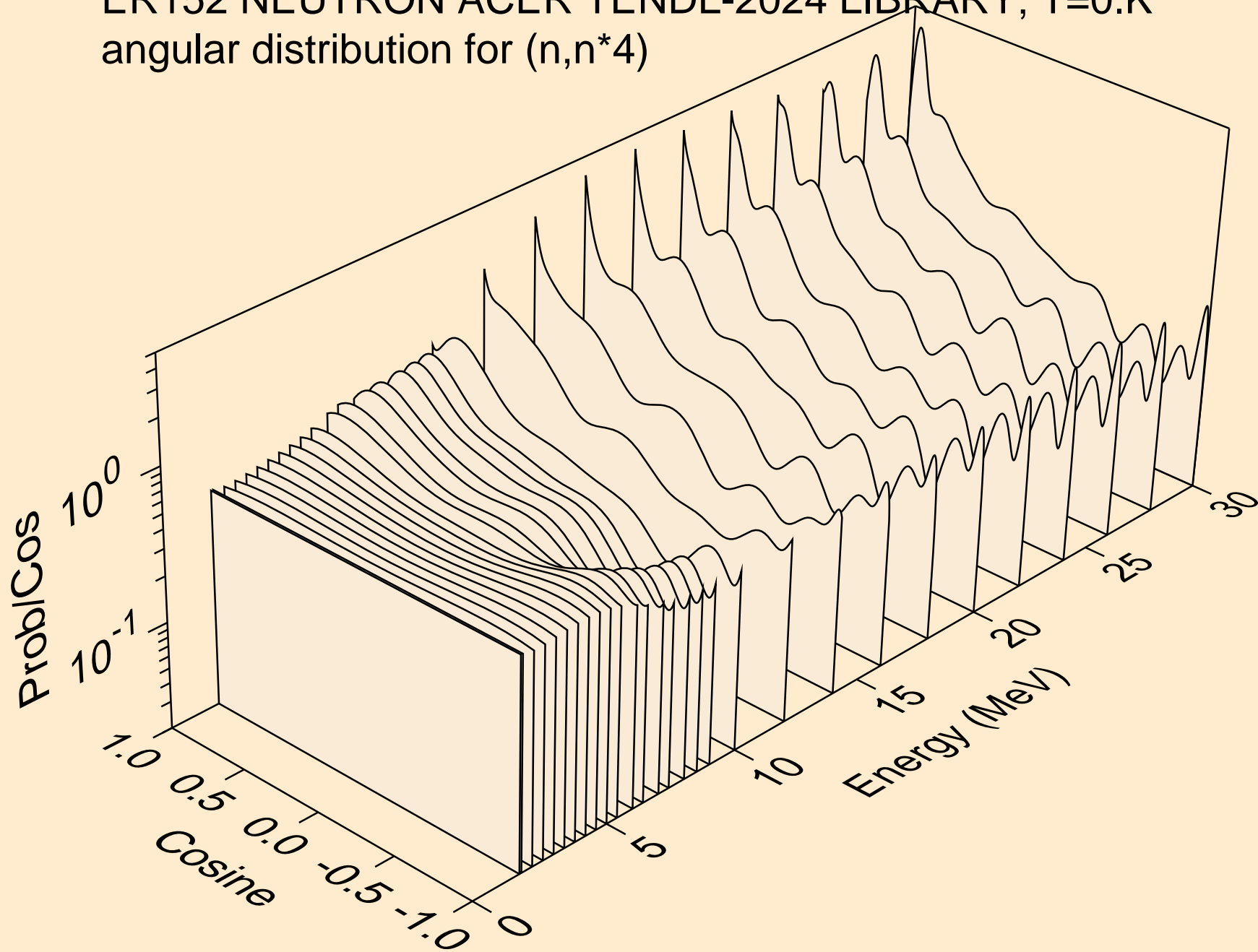




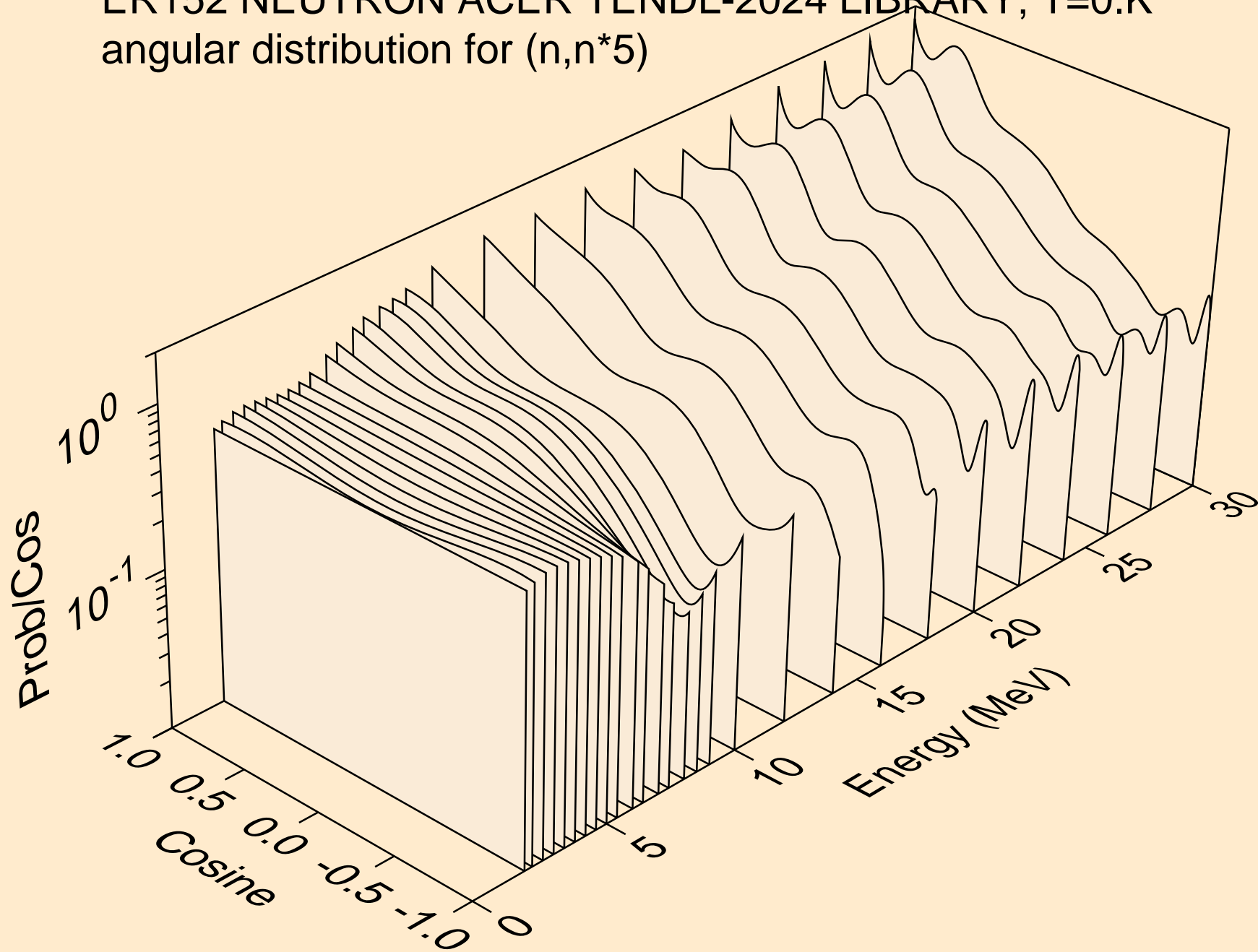
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



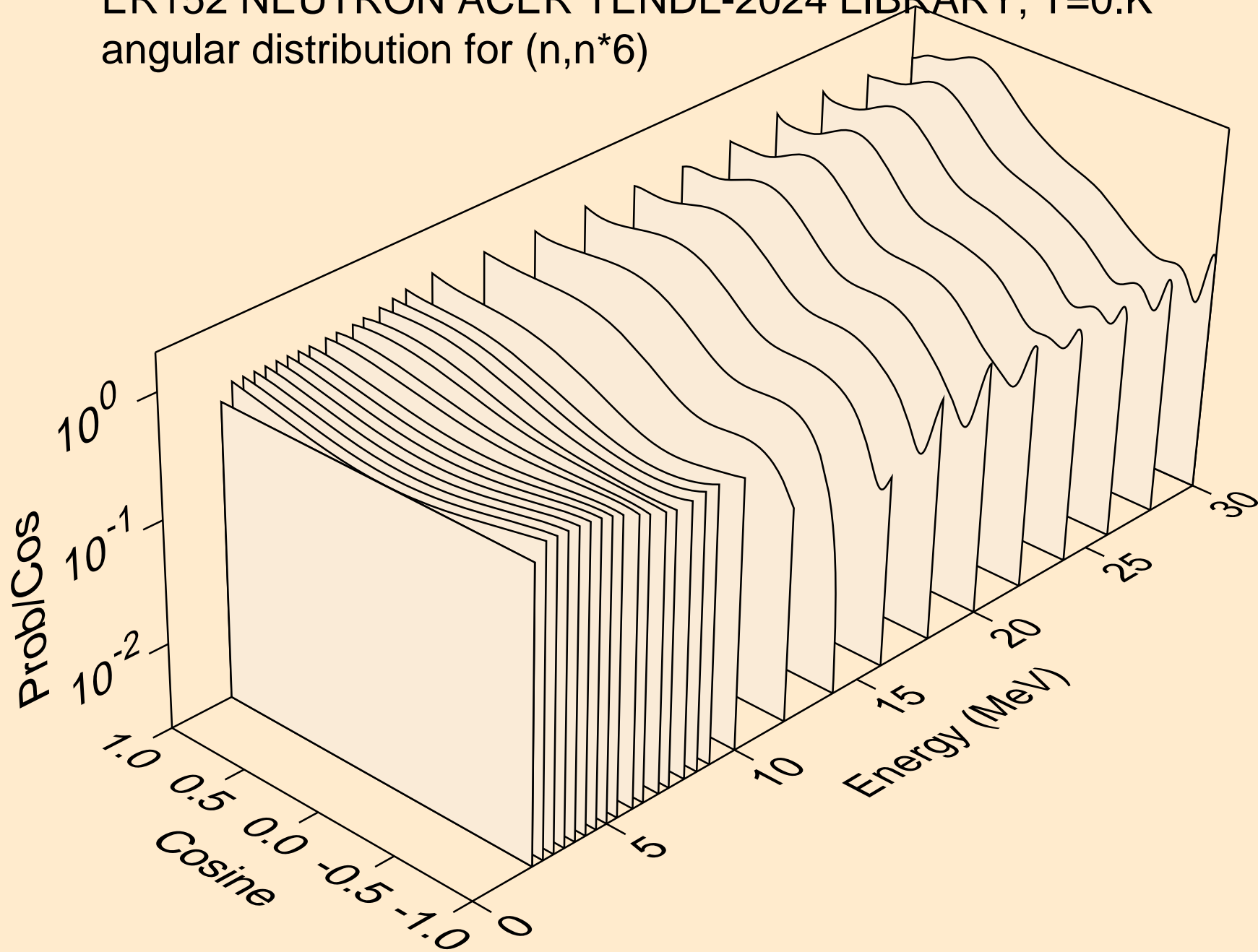
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



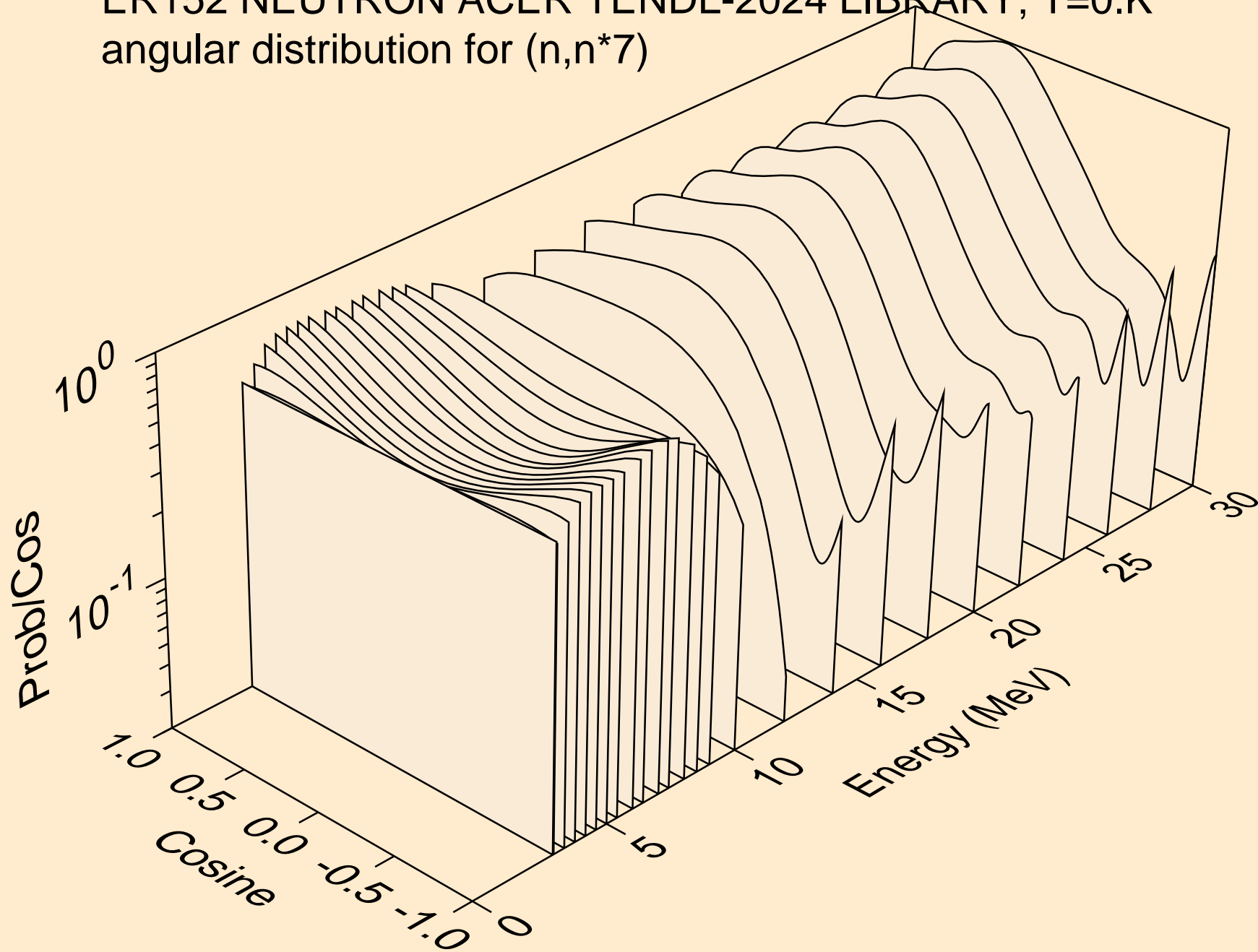
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



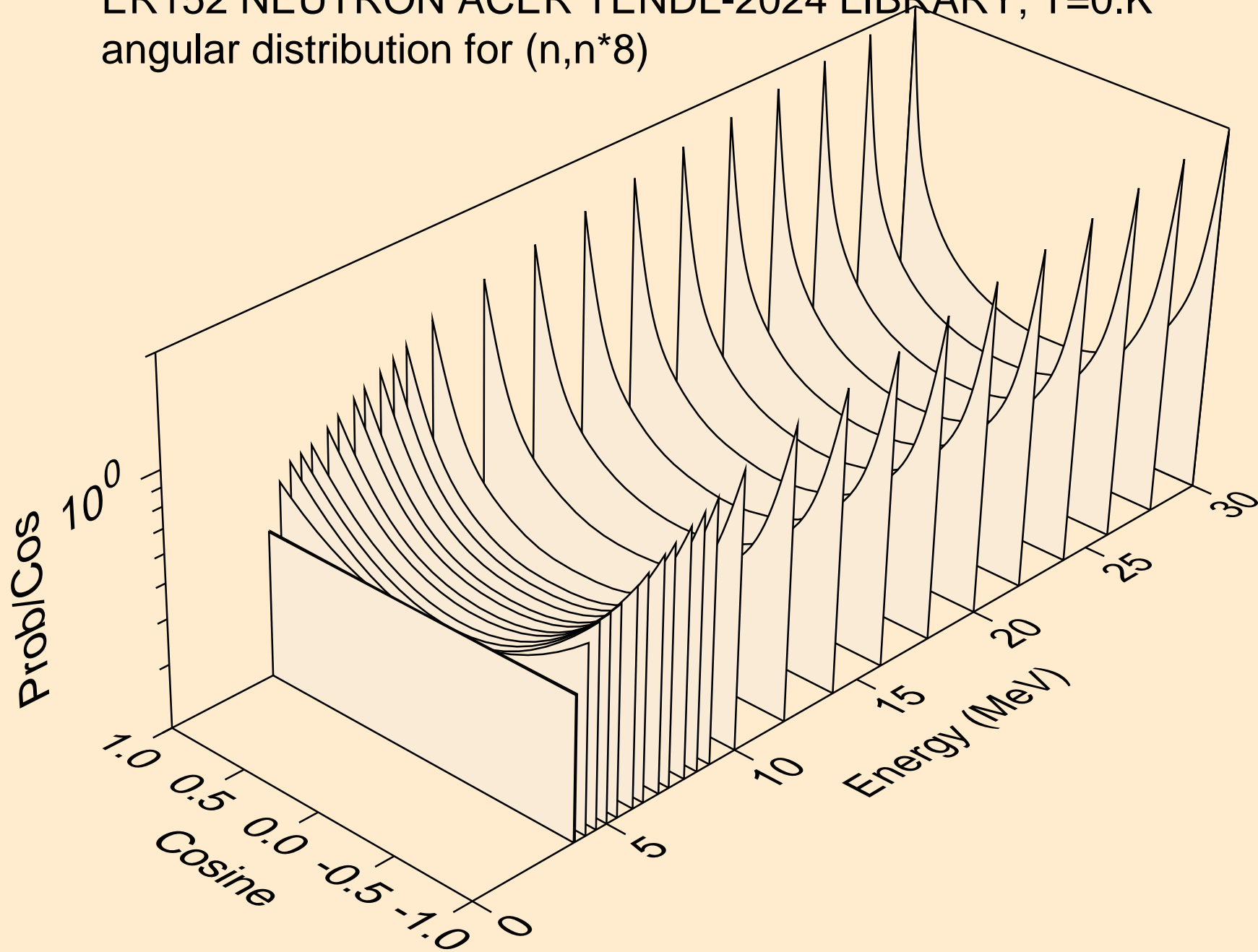
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



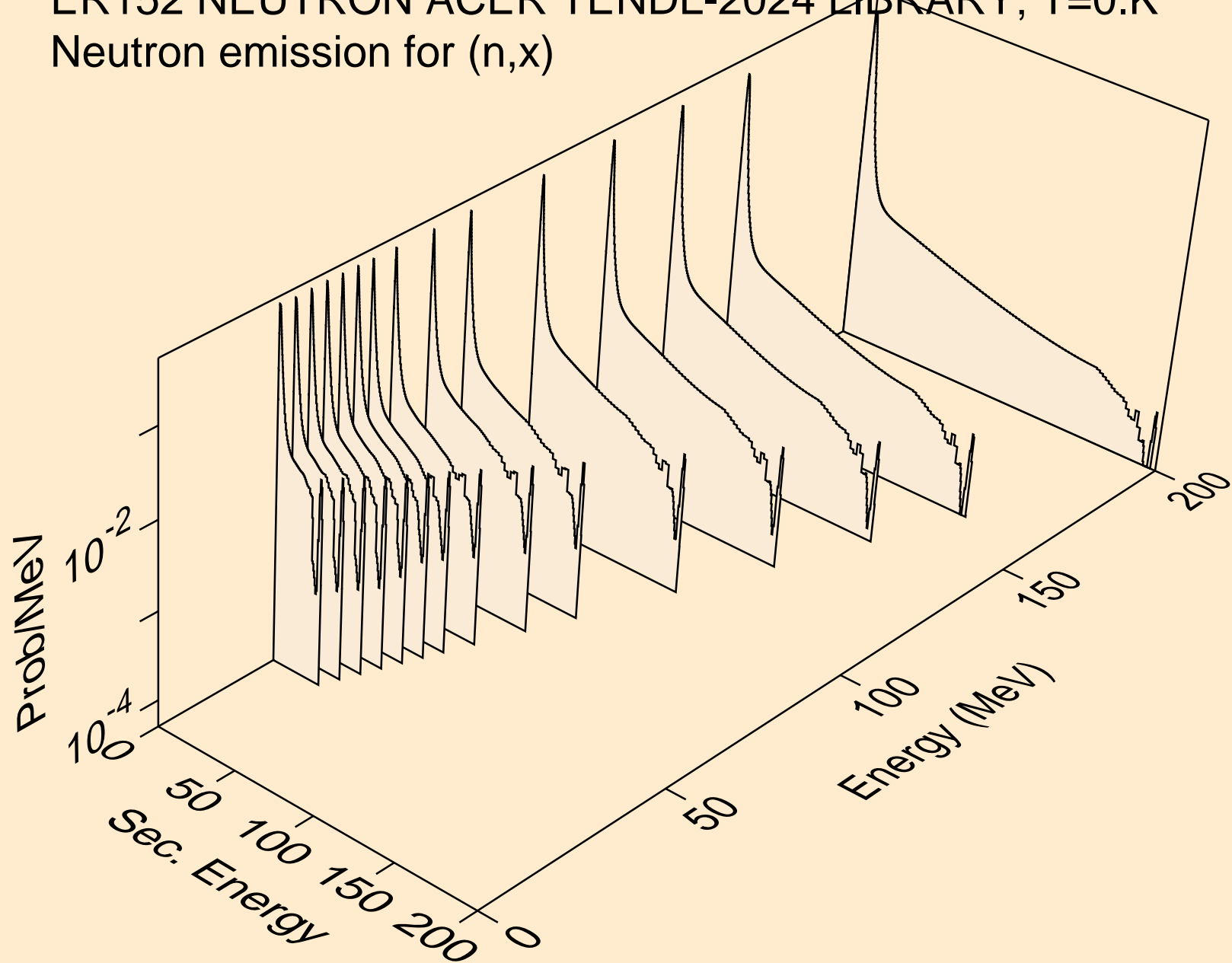
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



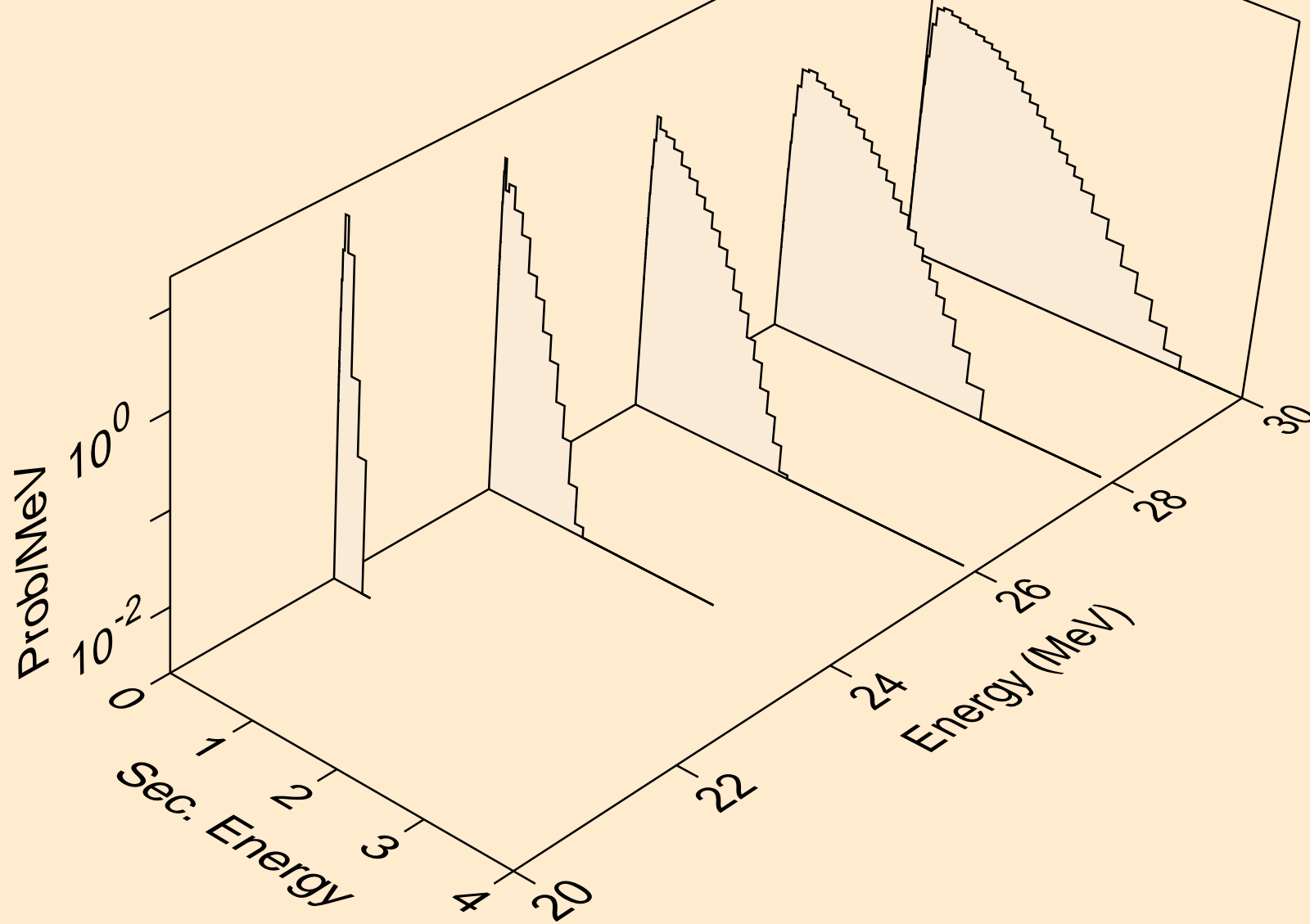
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

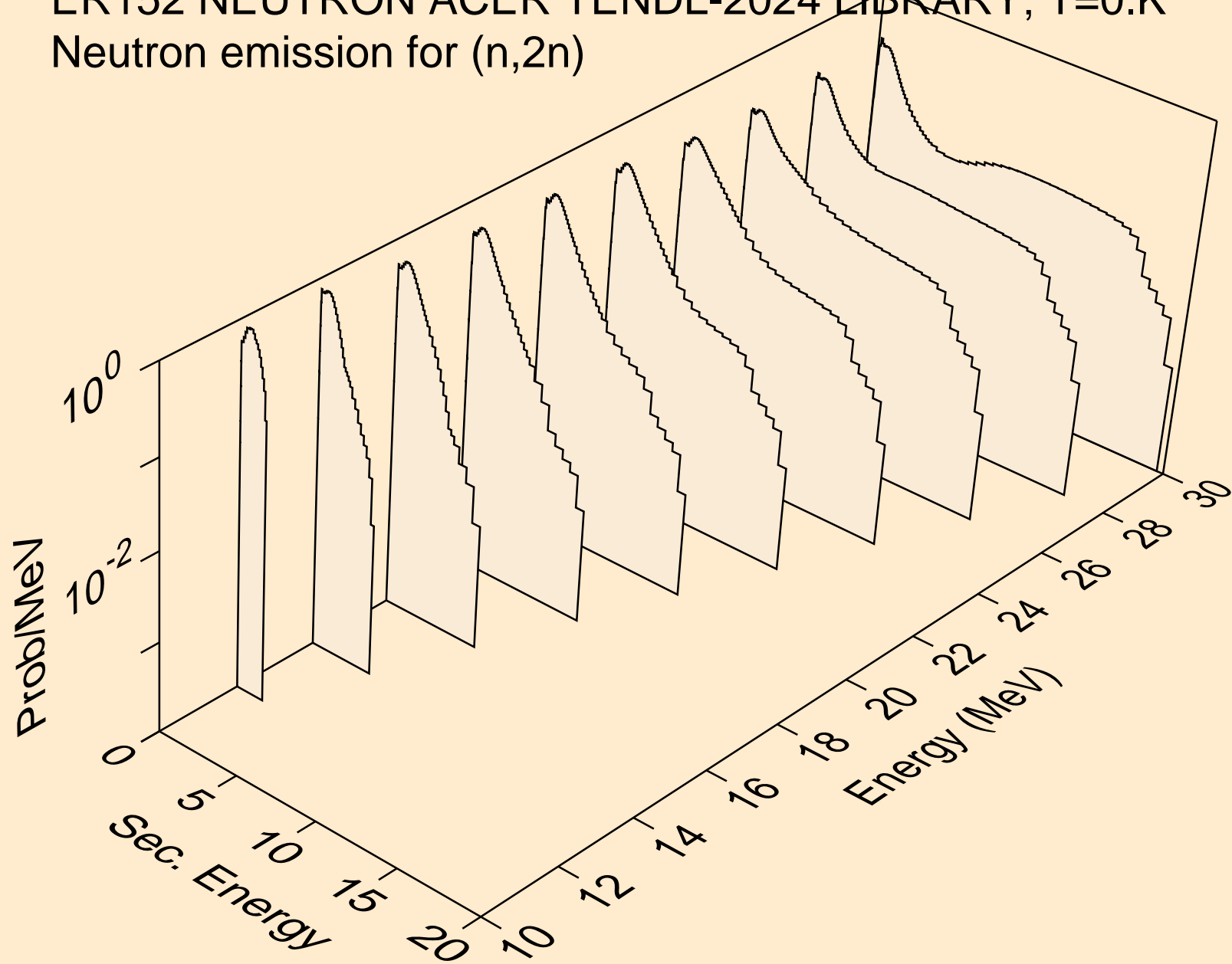


ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

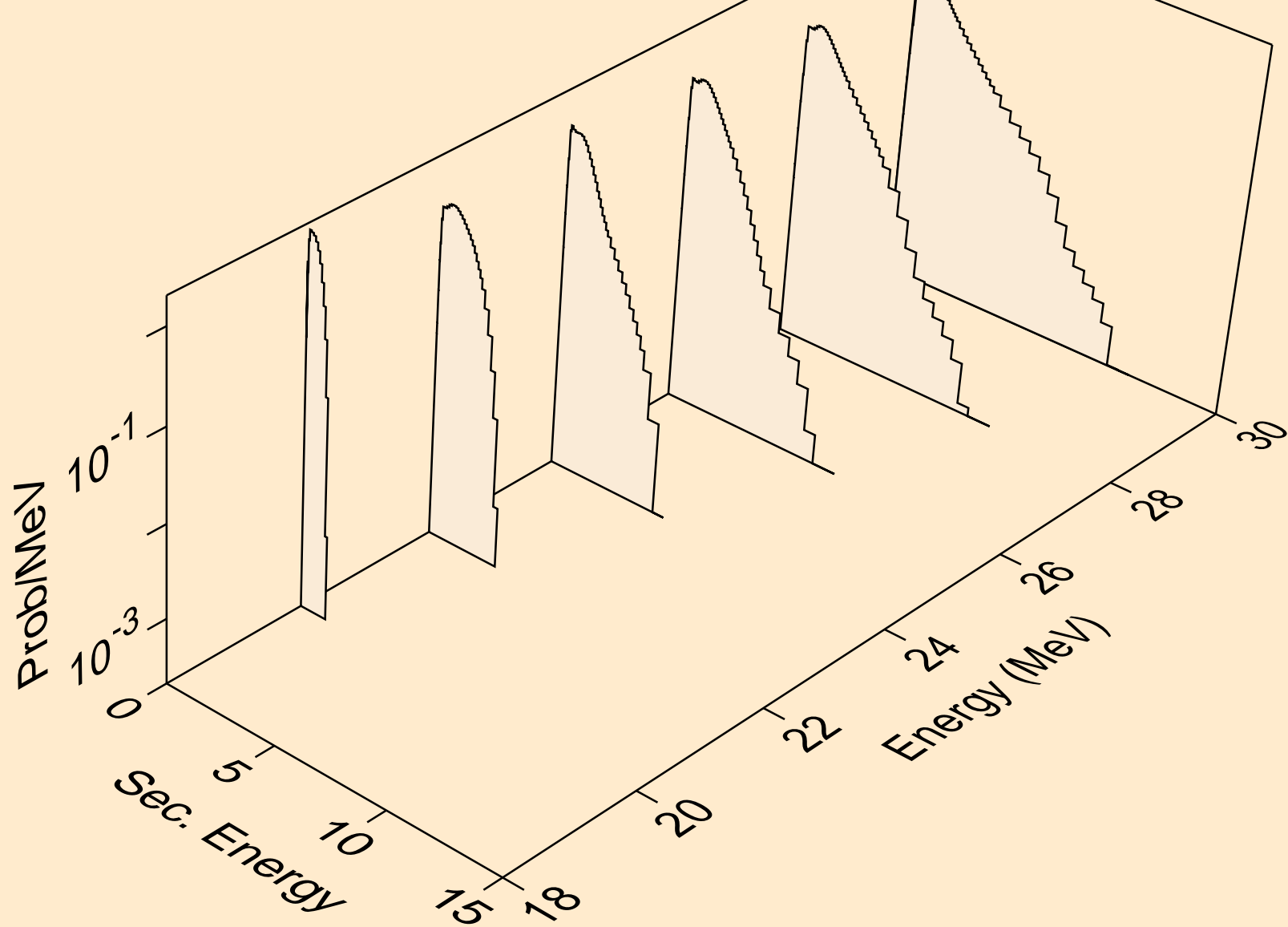




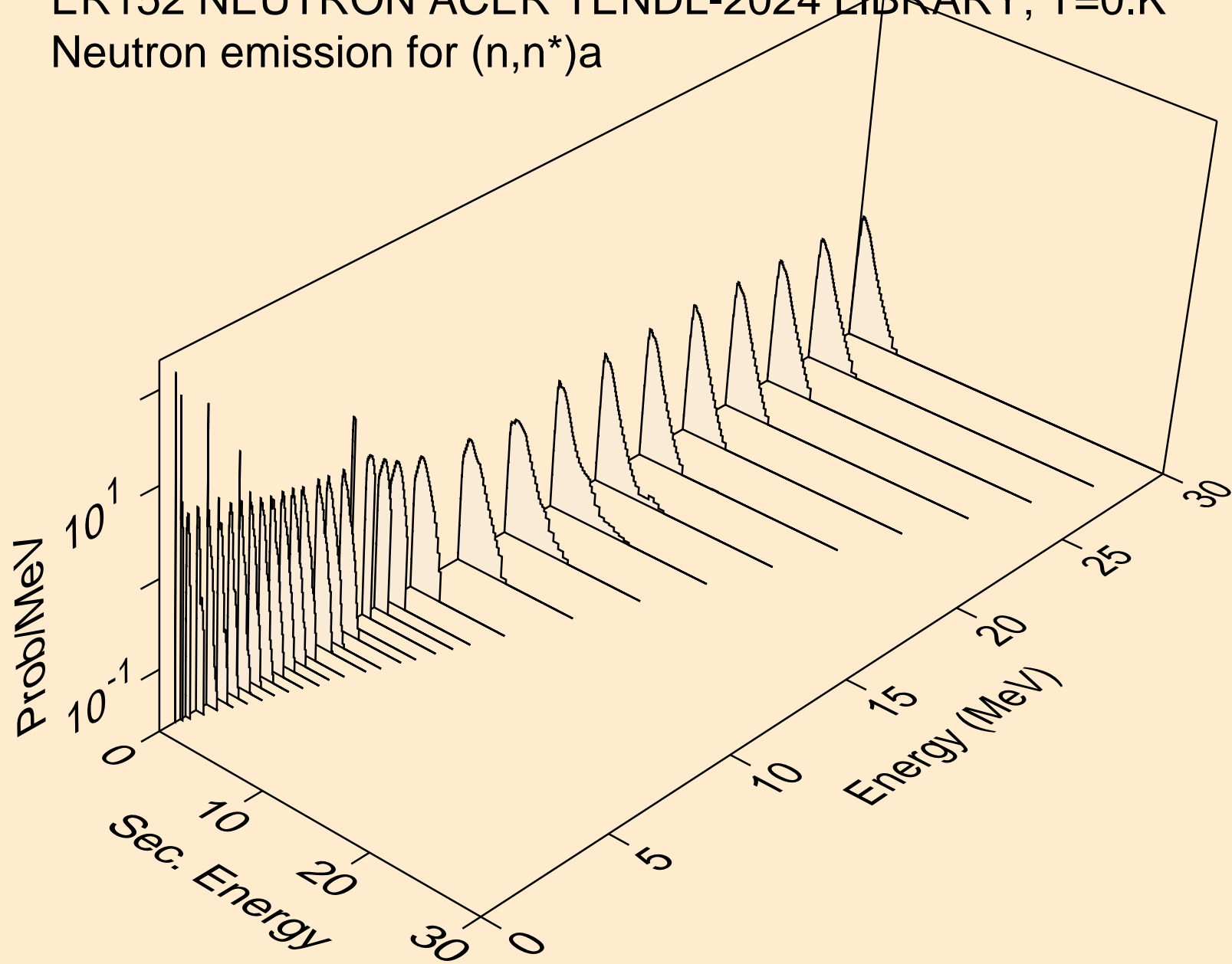
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



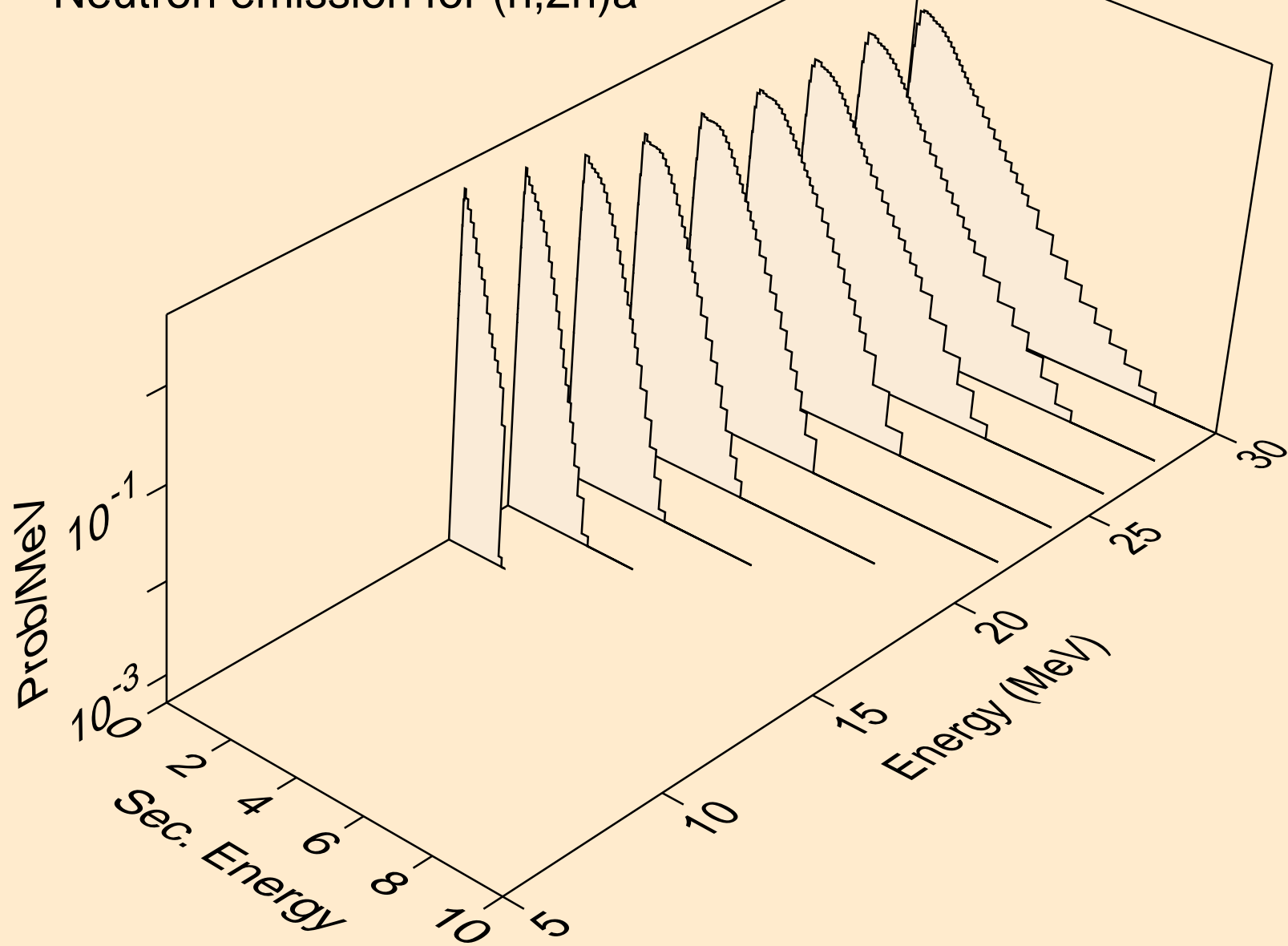
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



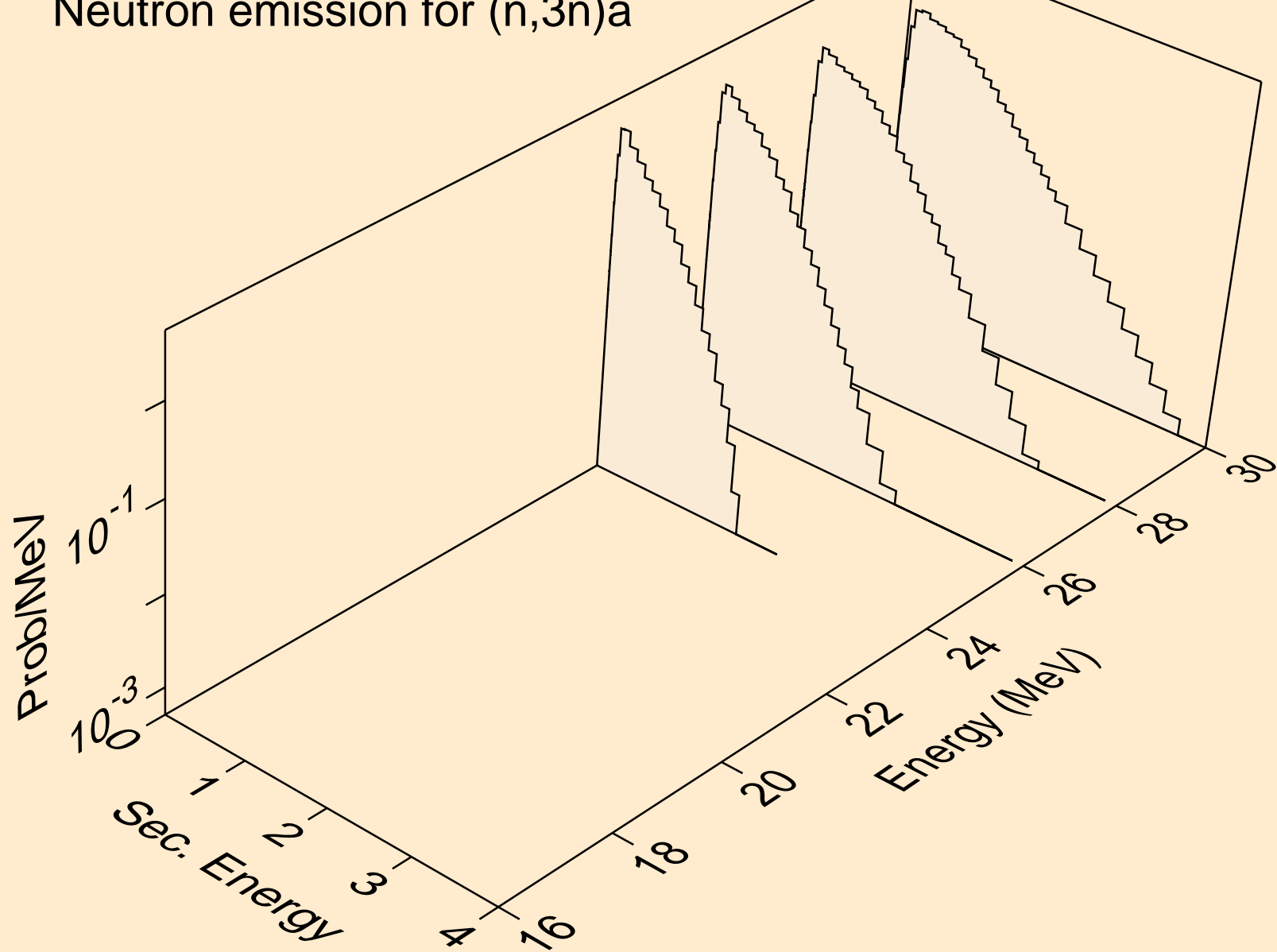
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



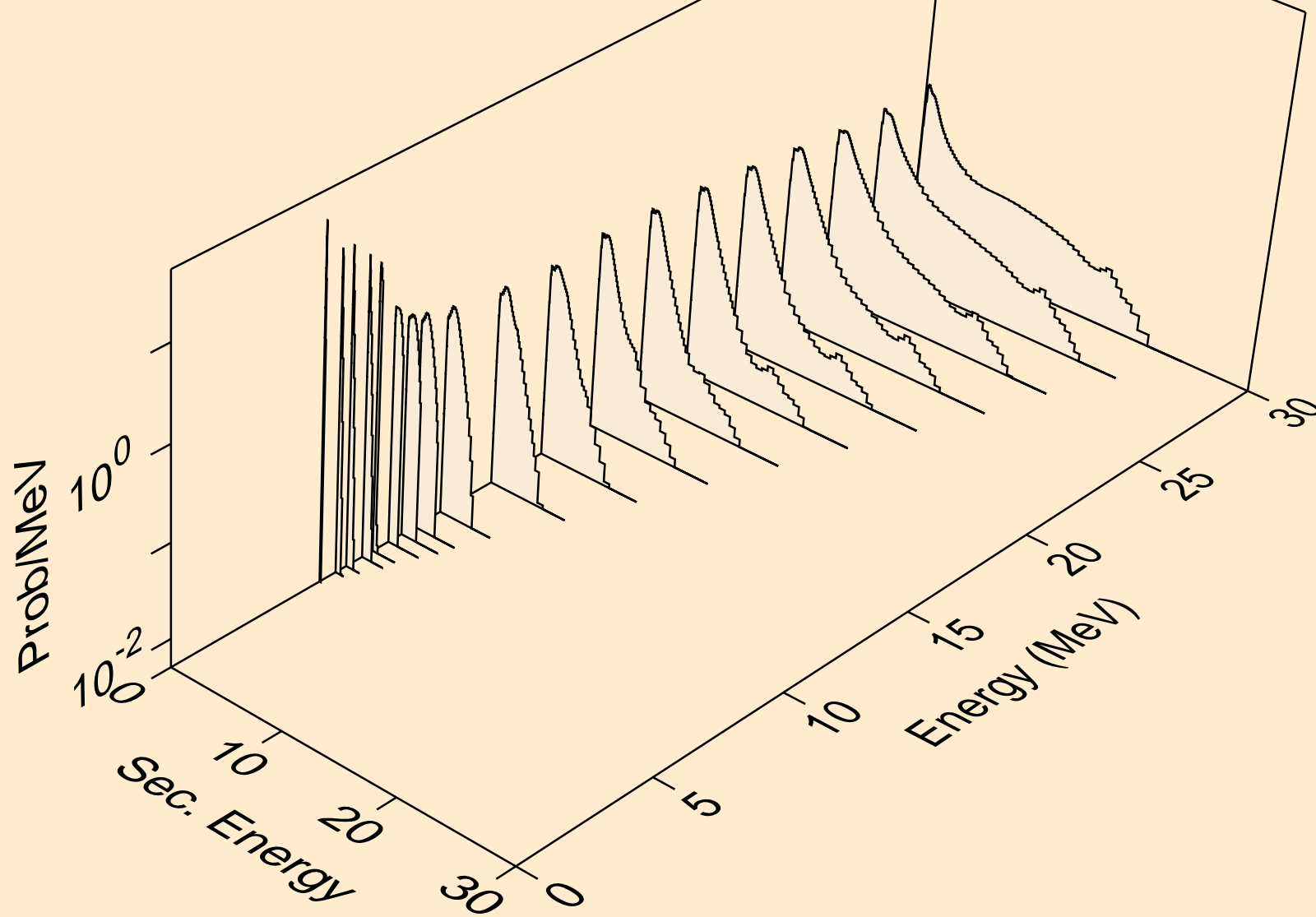
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



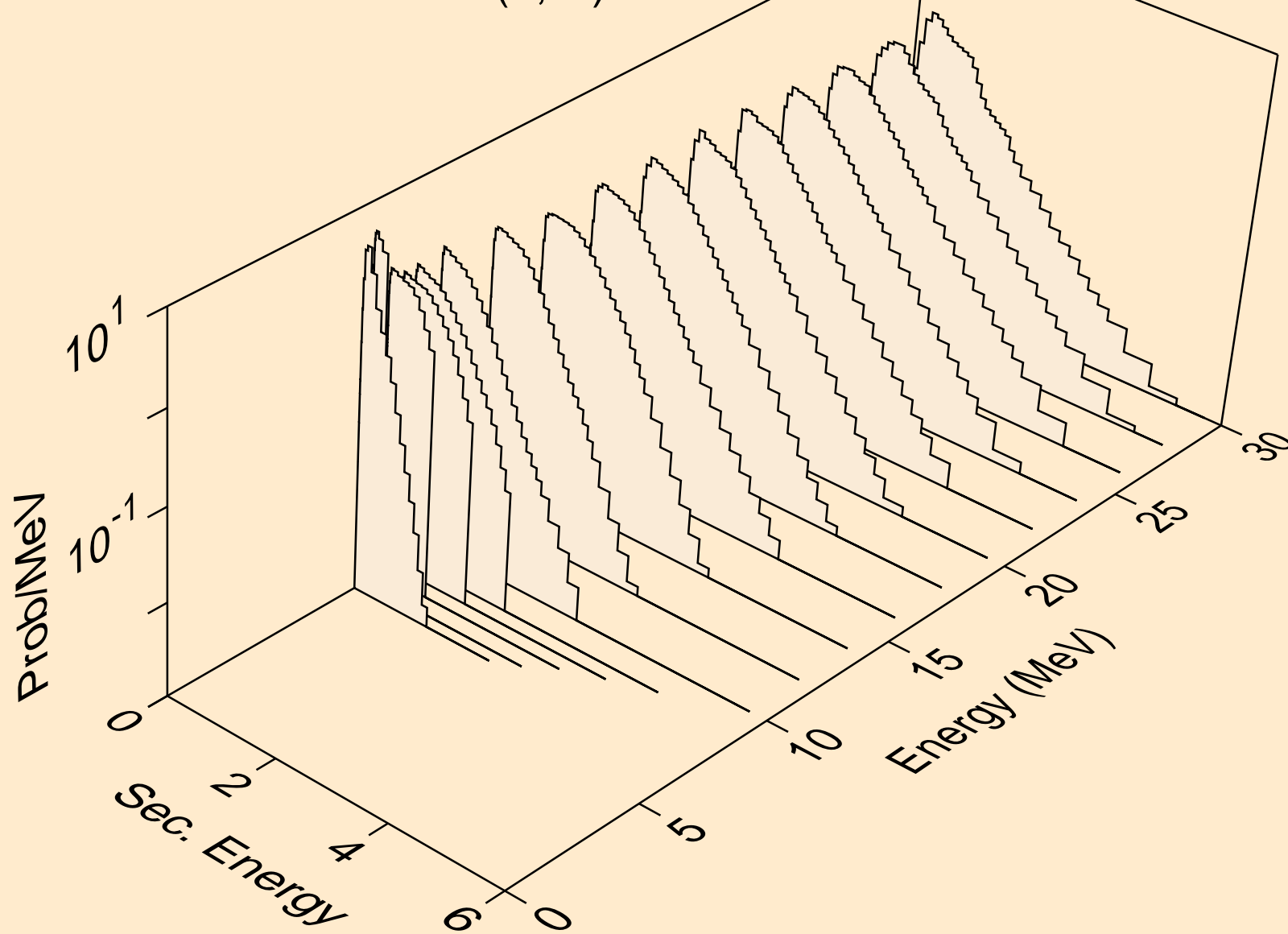
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



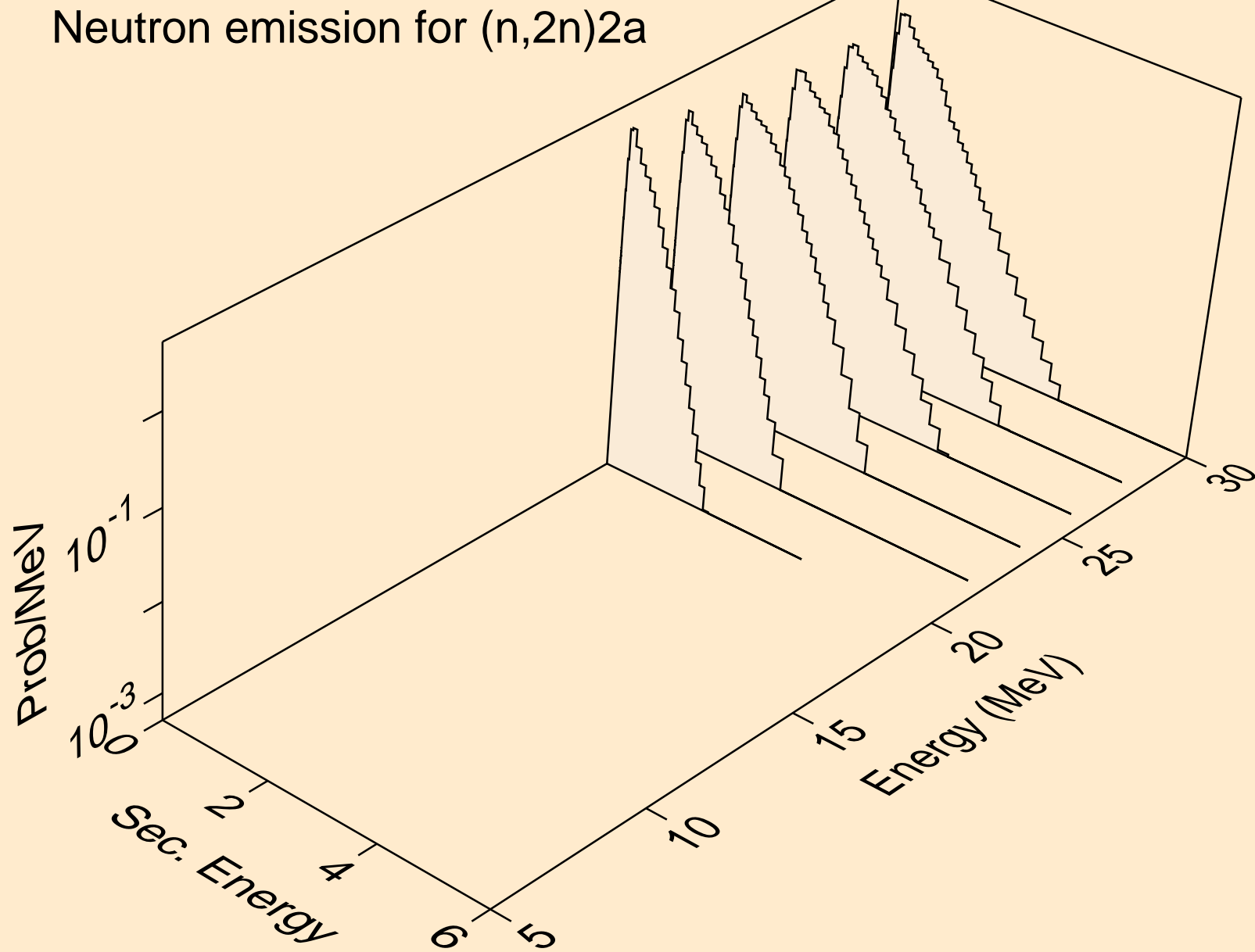
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

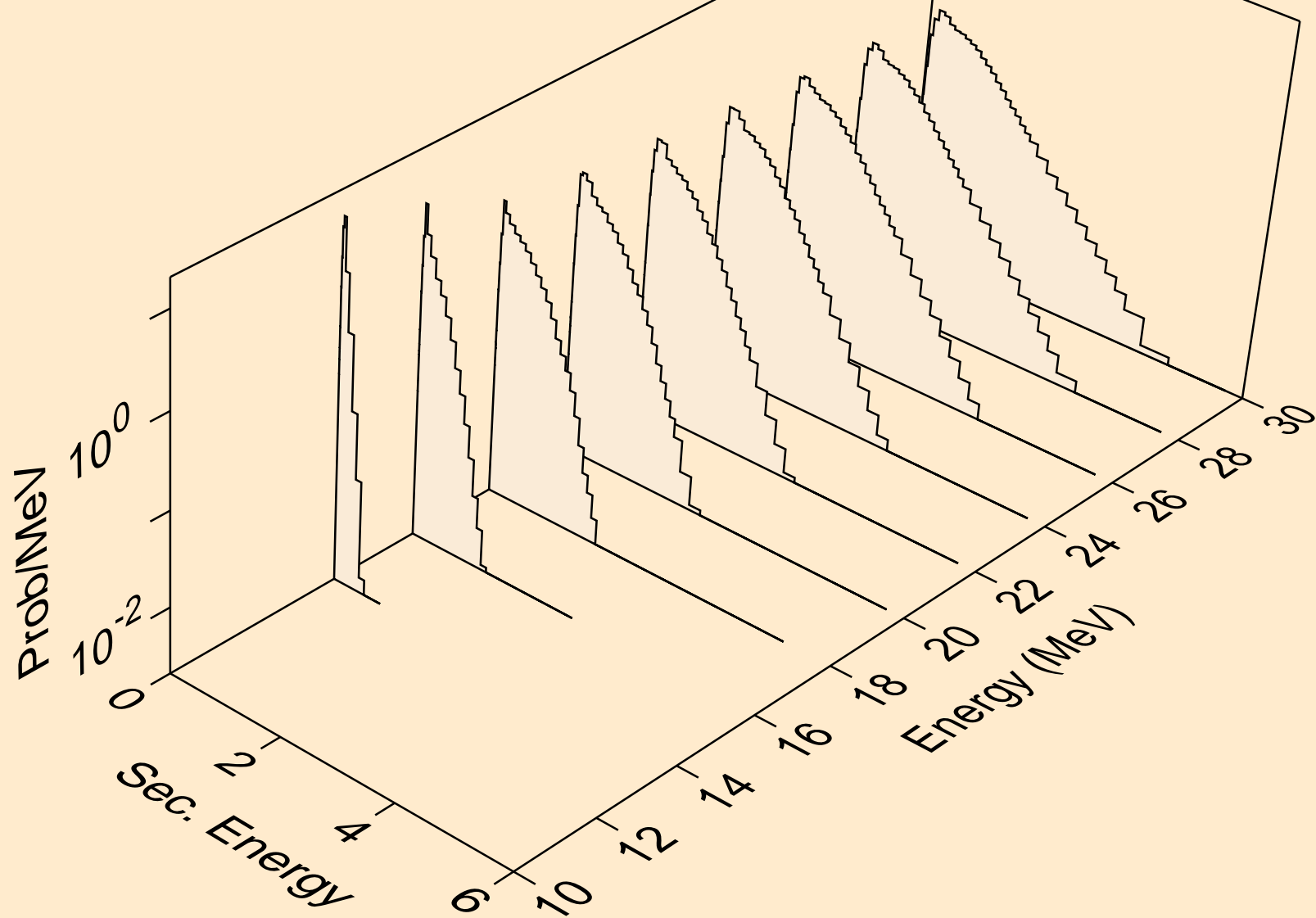


ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a

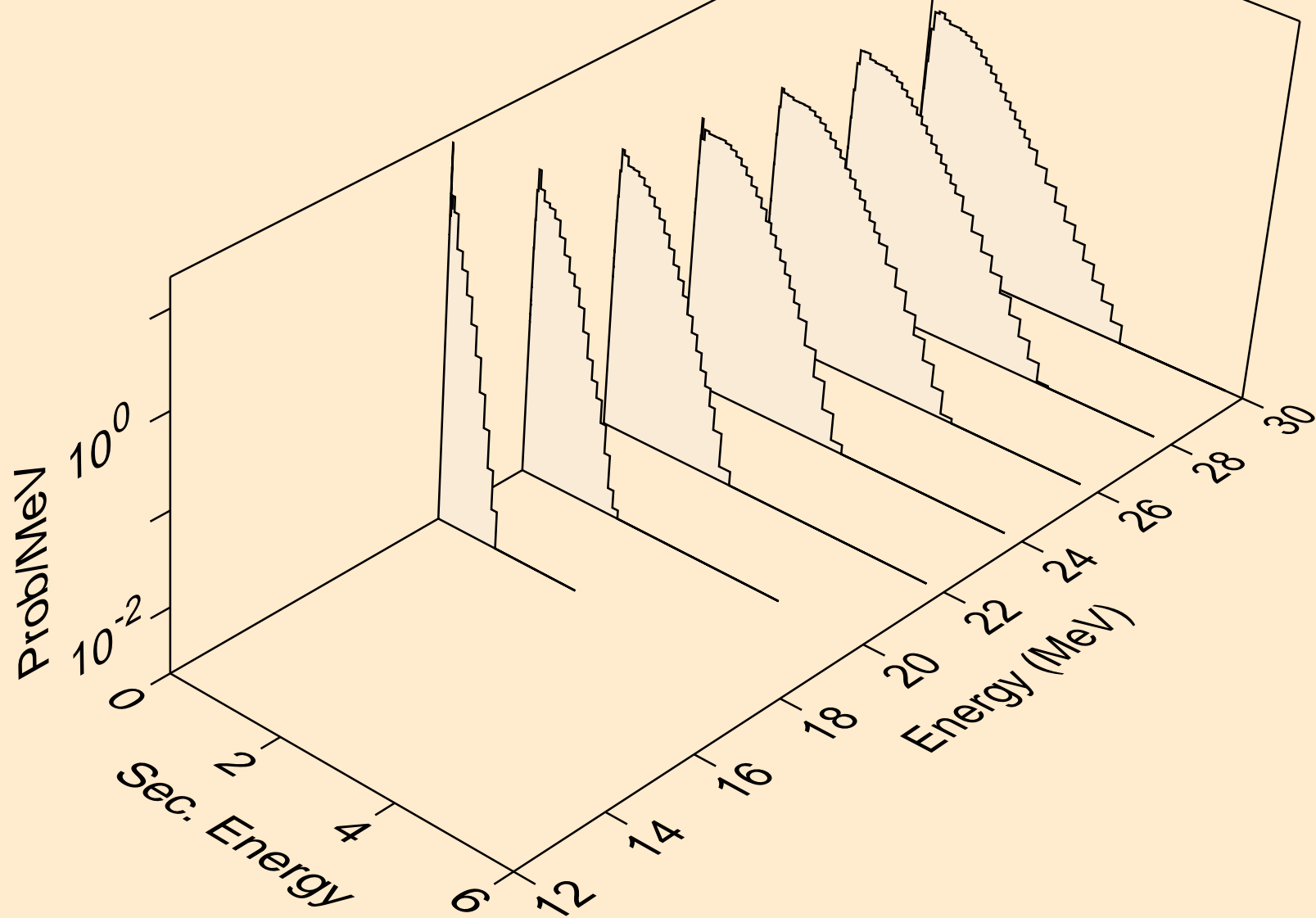




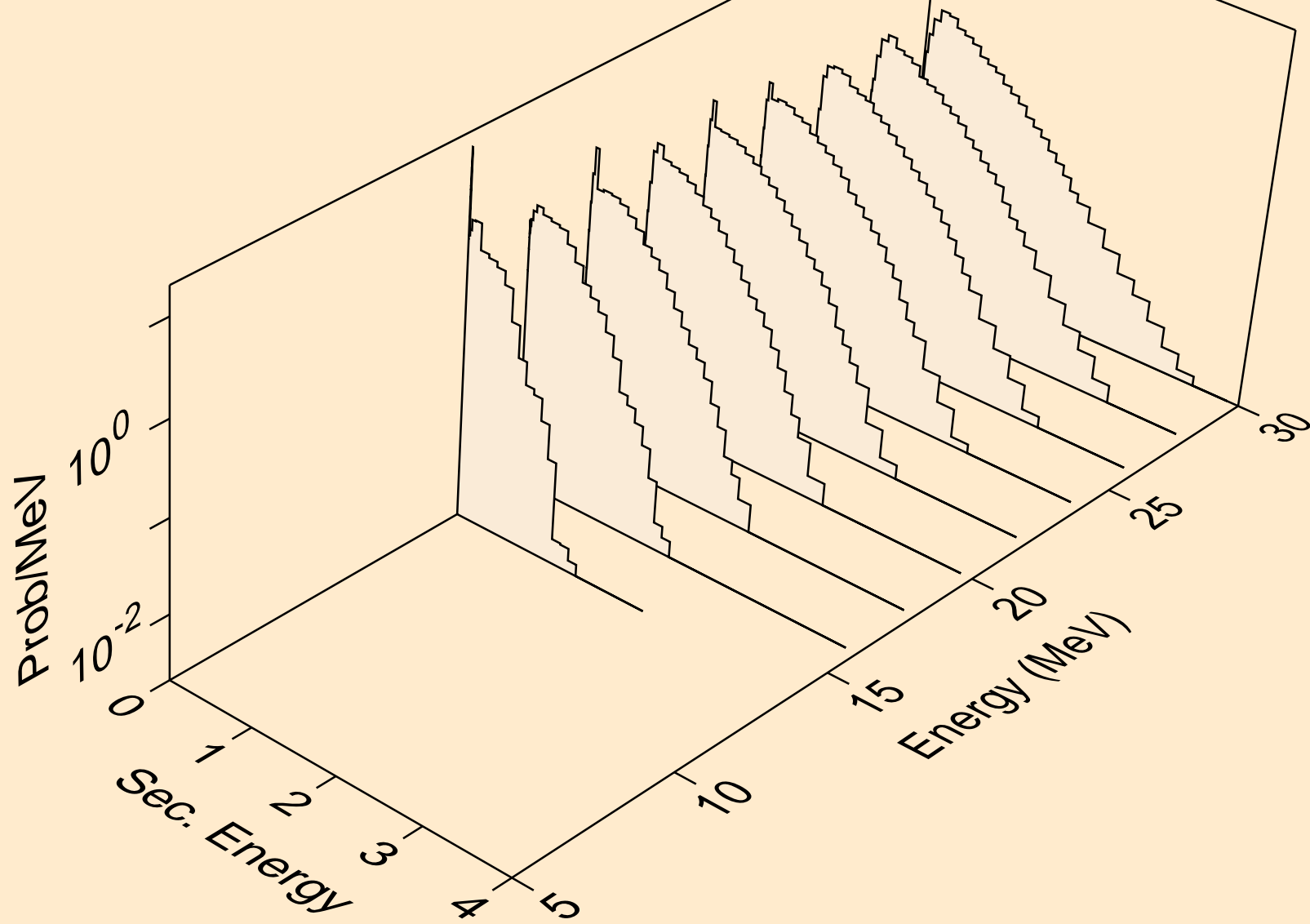
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



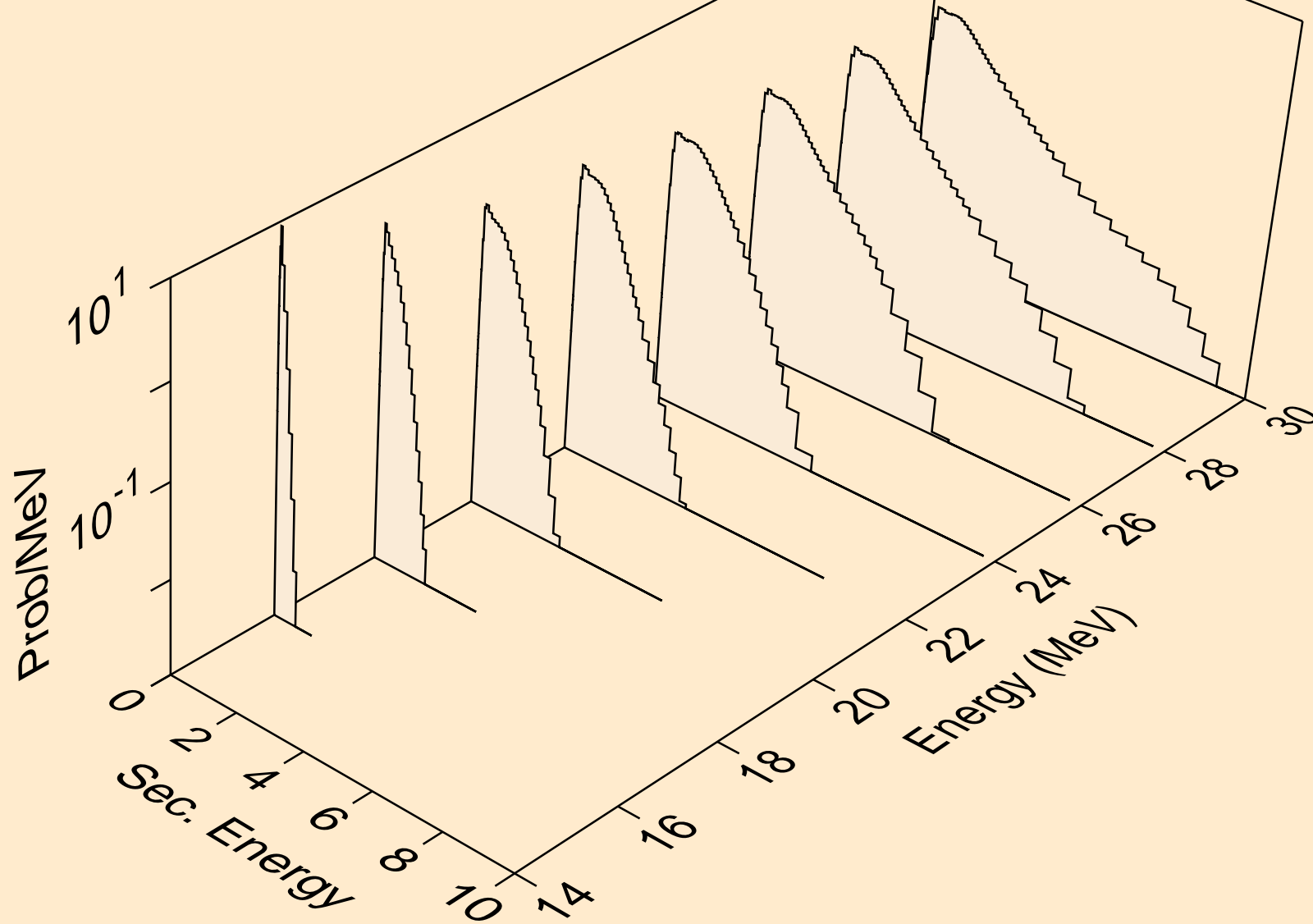
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



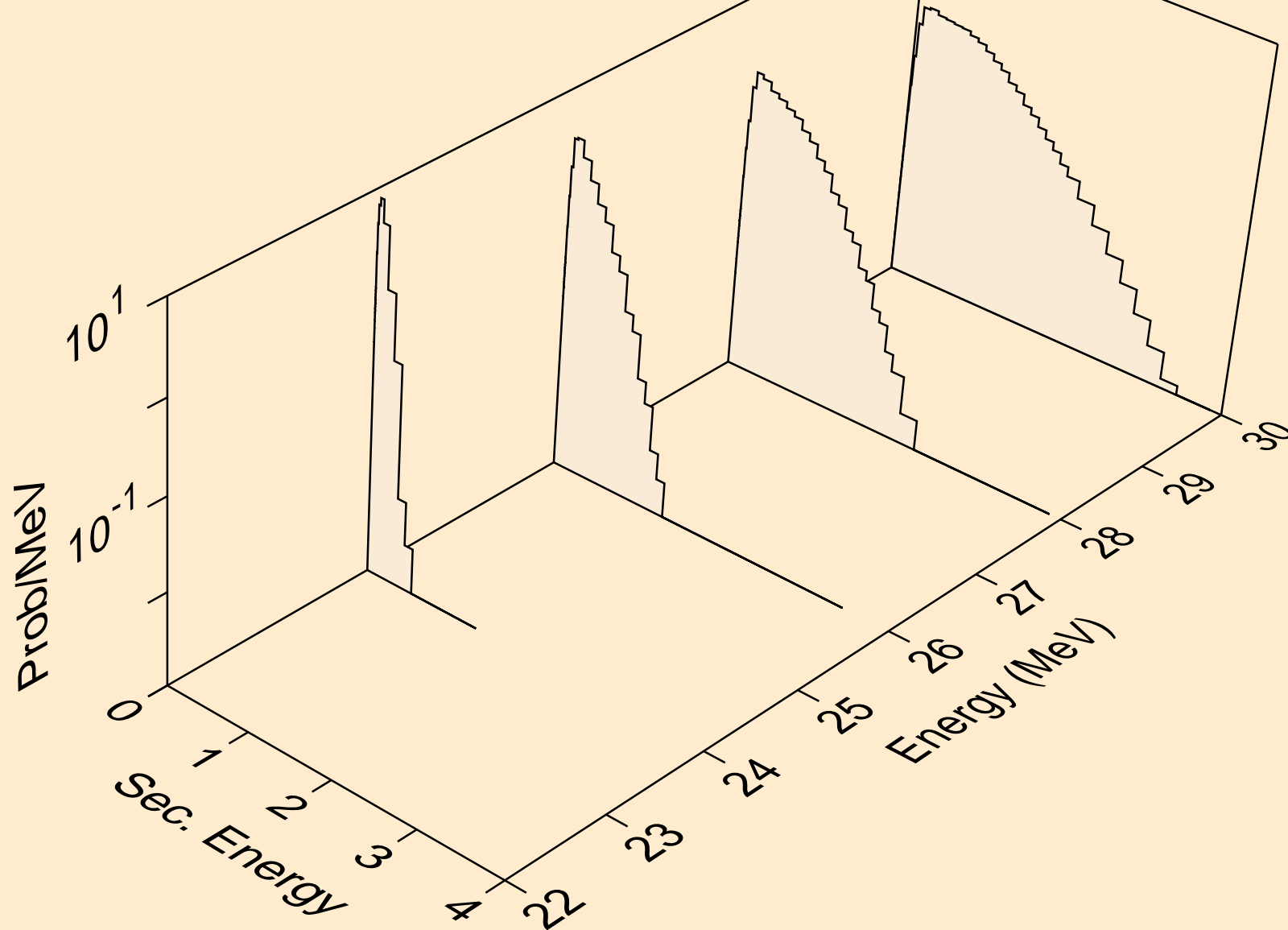
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



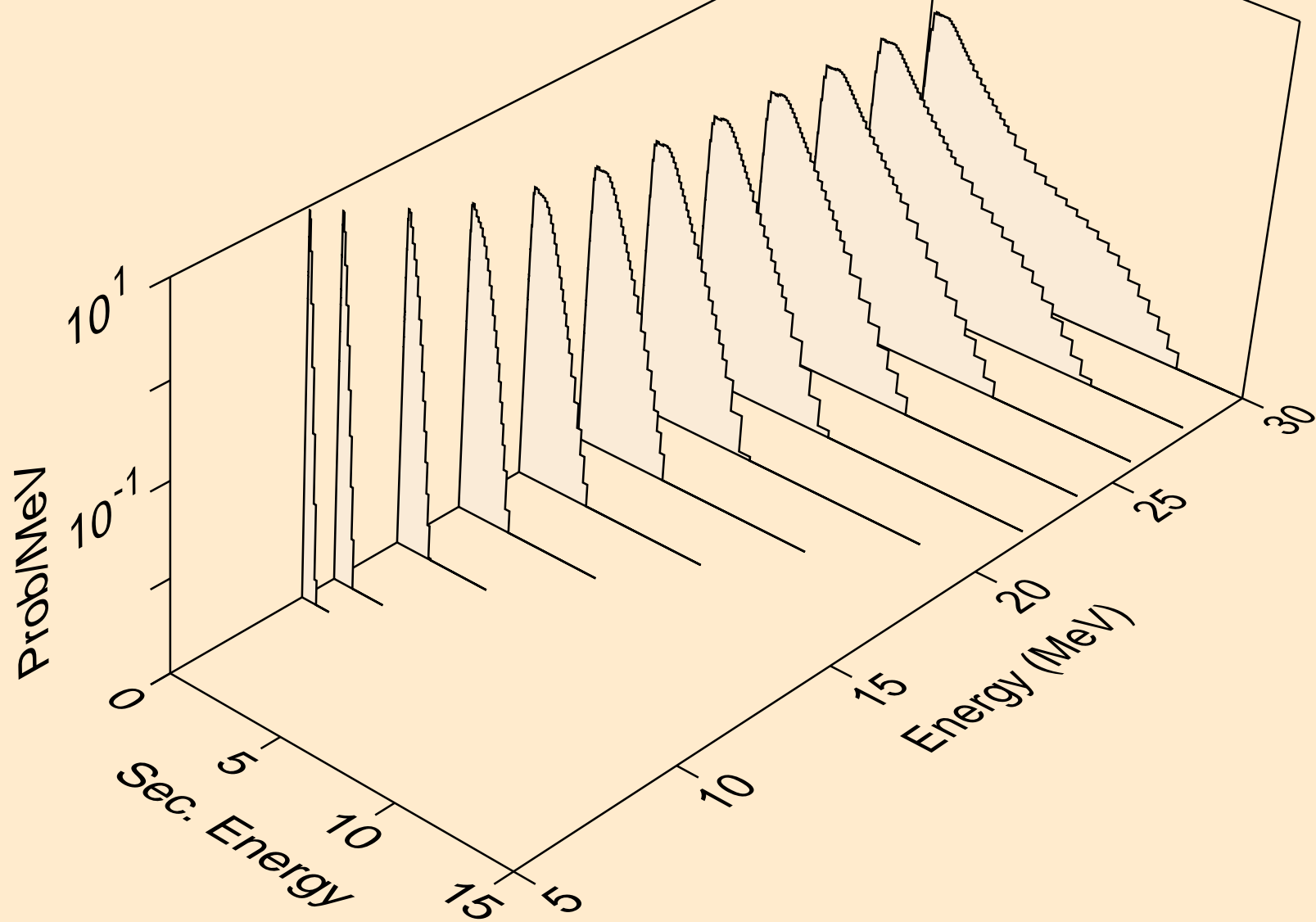
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



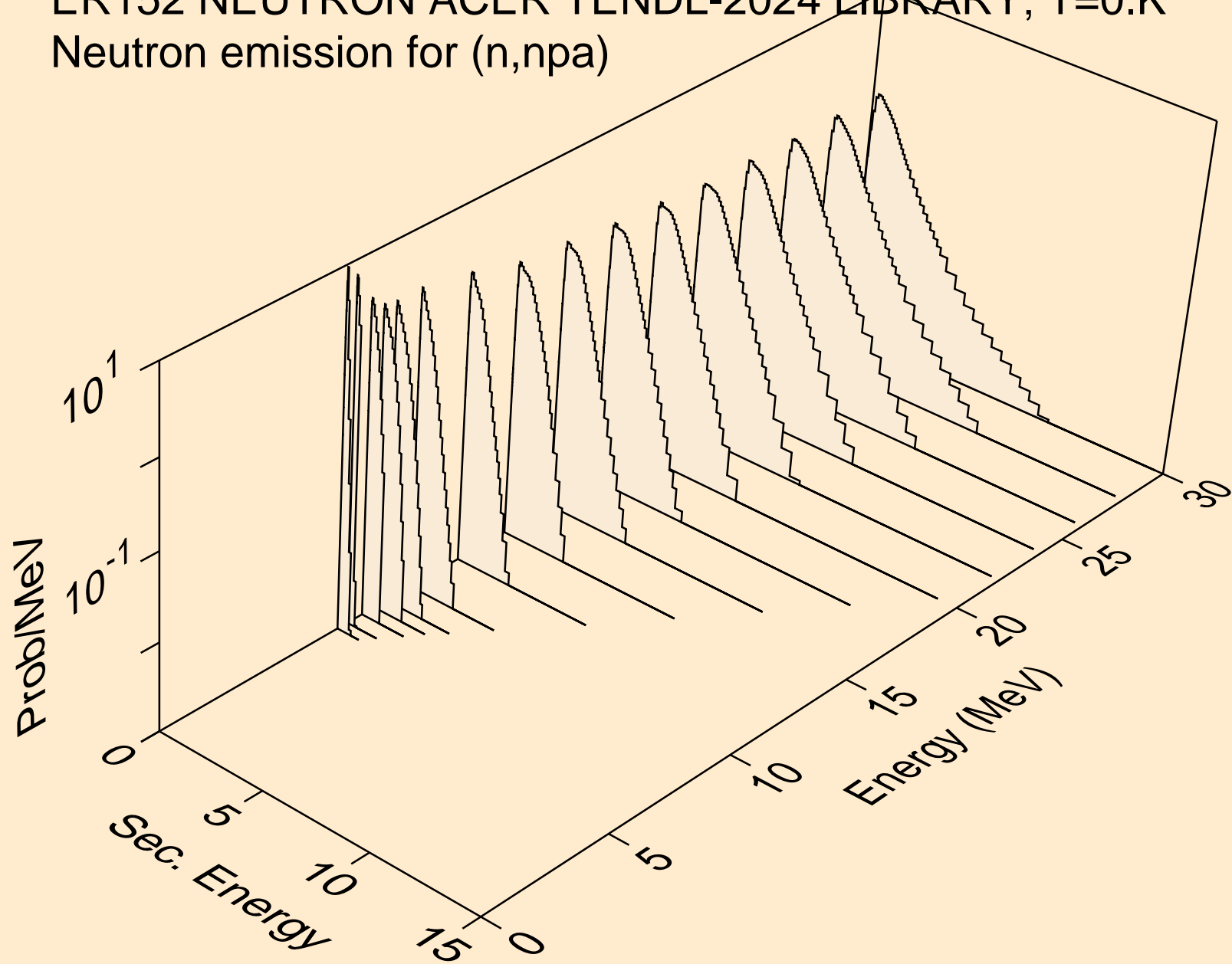
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



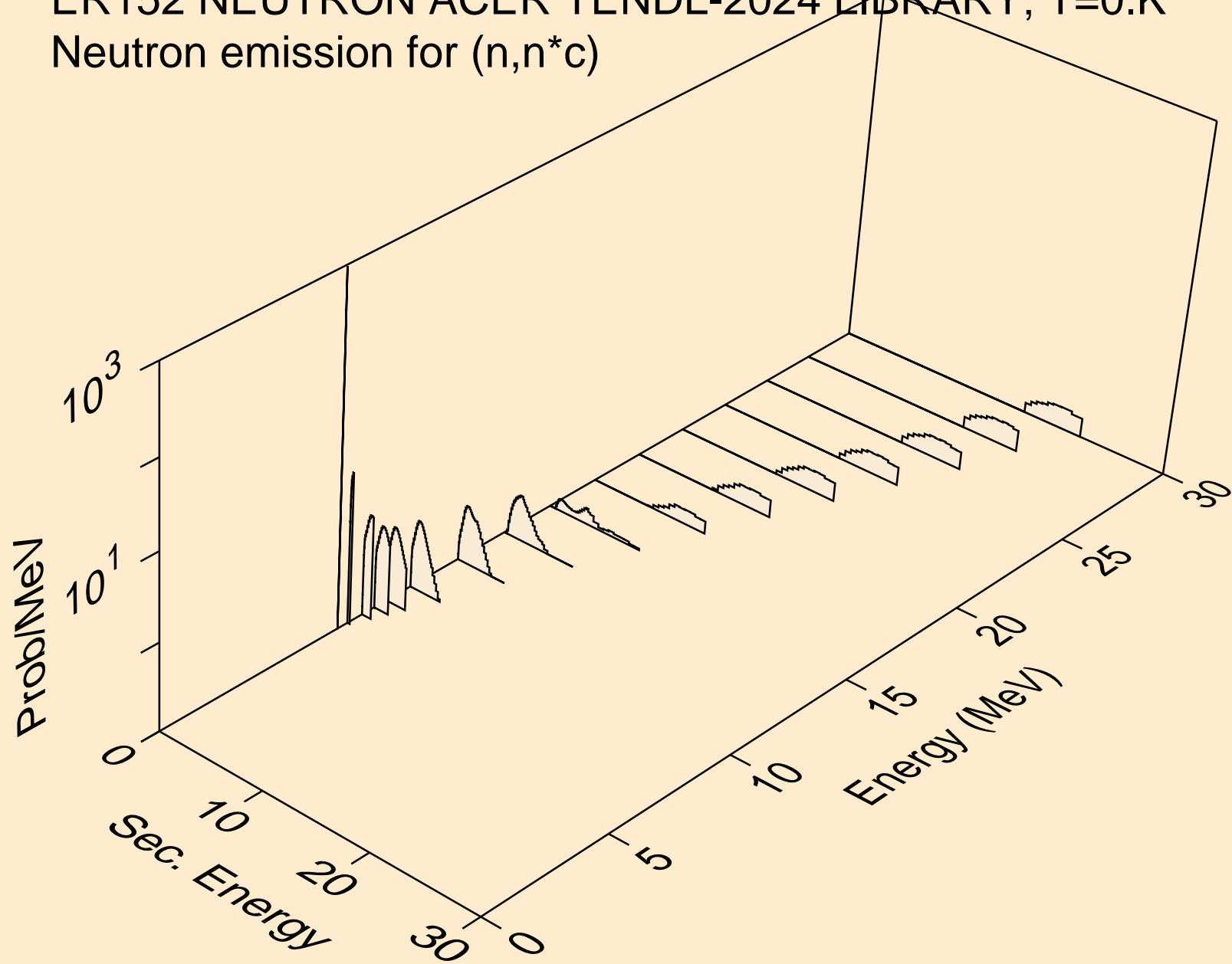
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

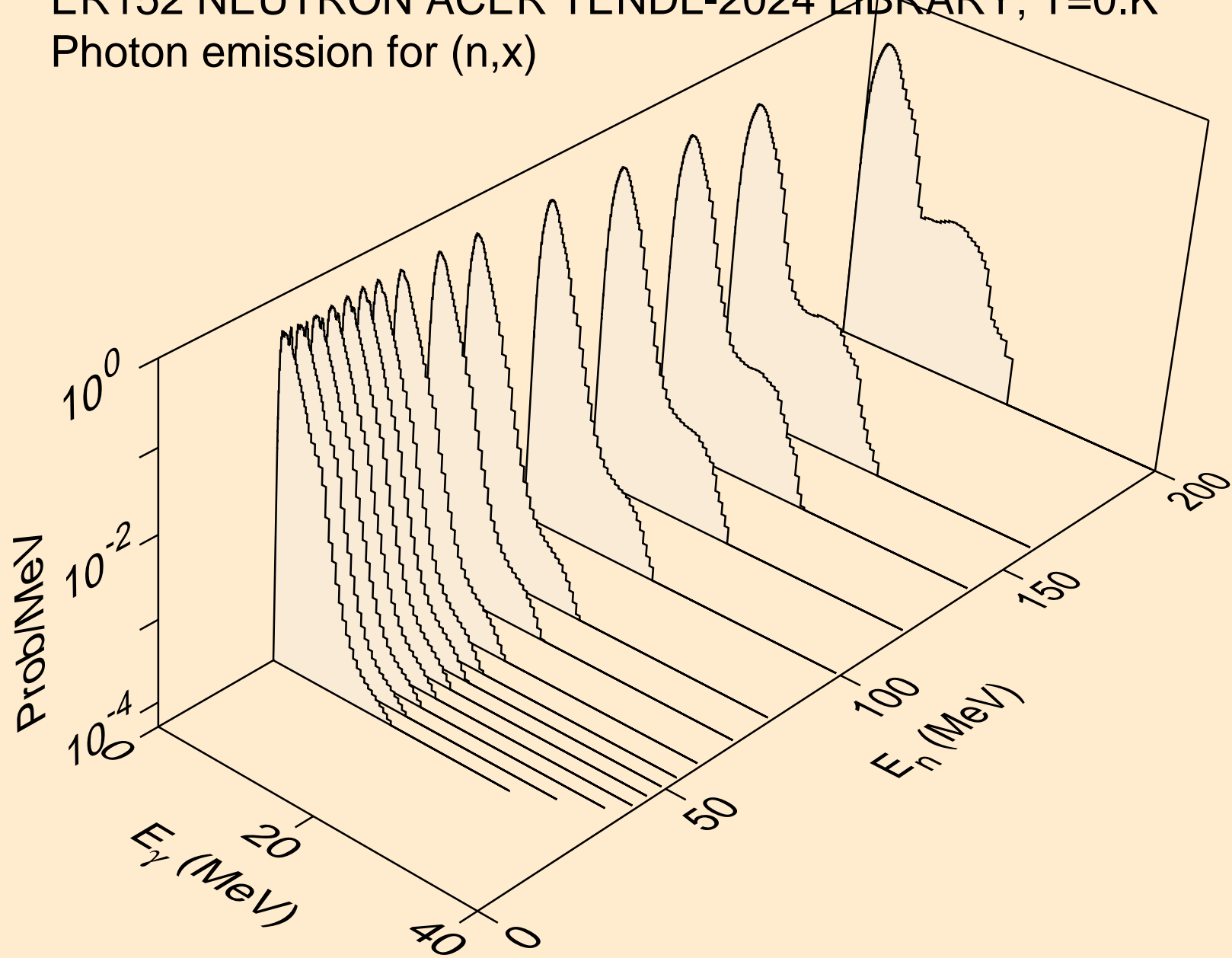


ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

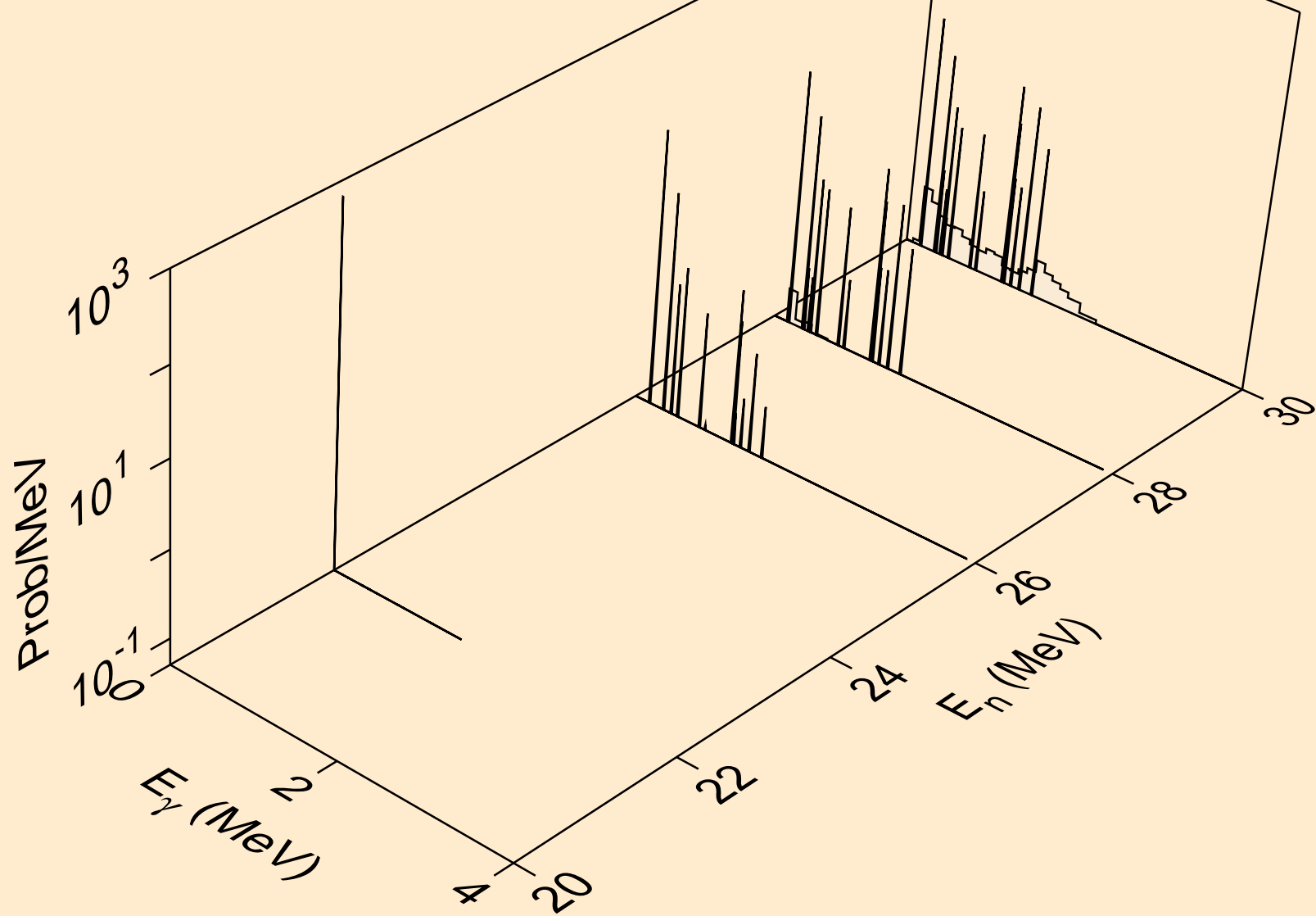




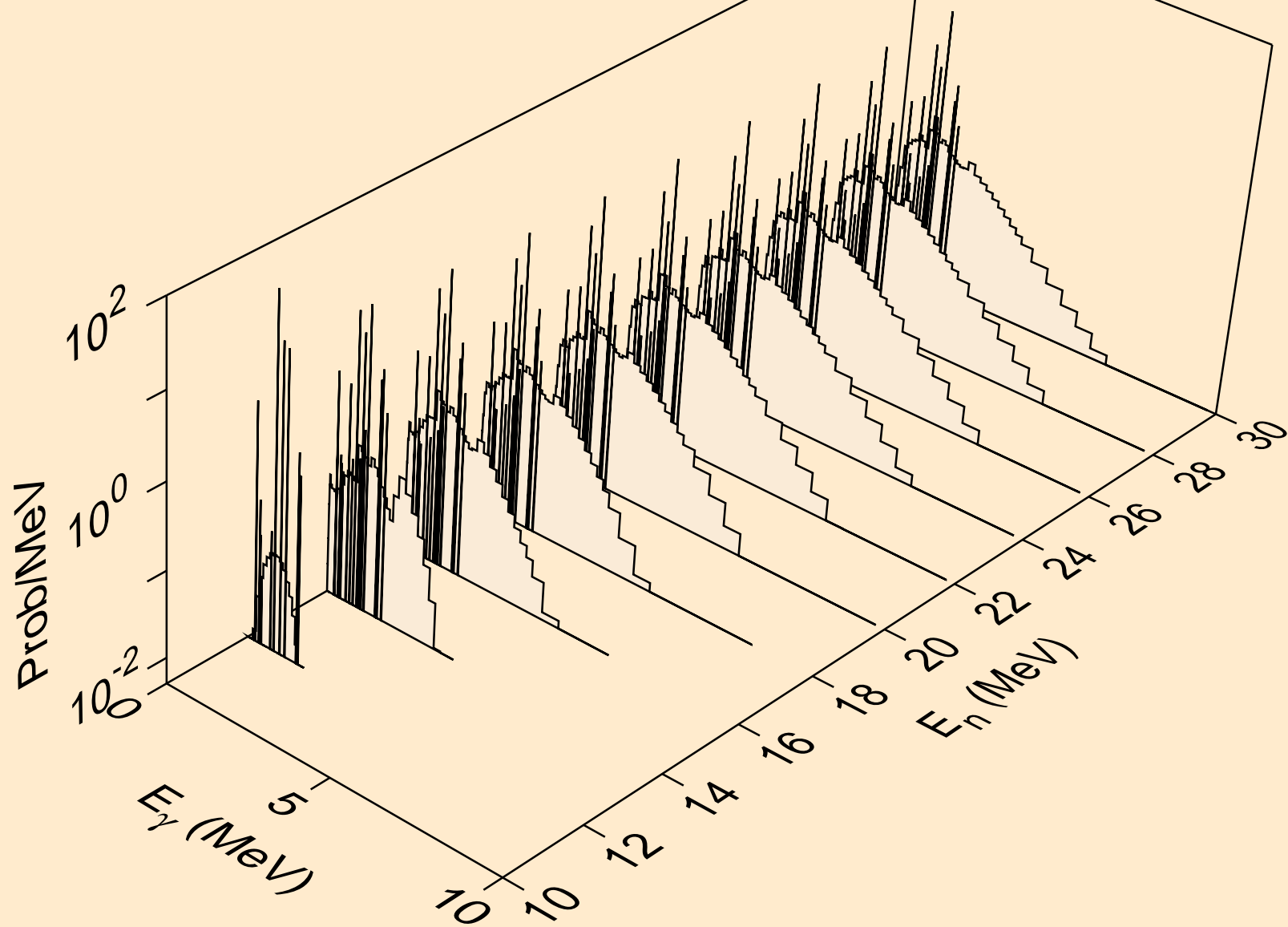
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



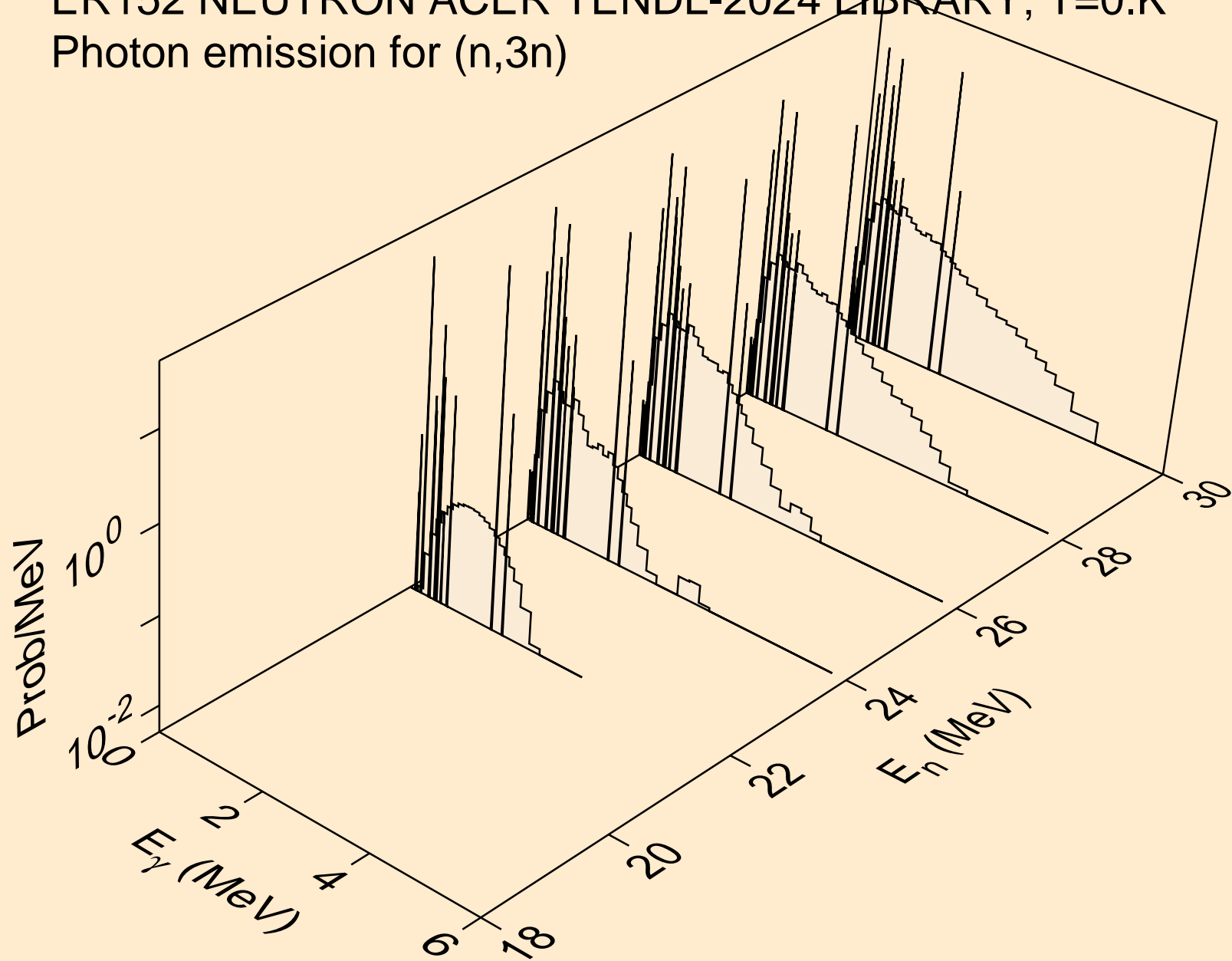
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



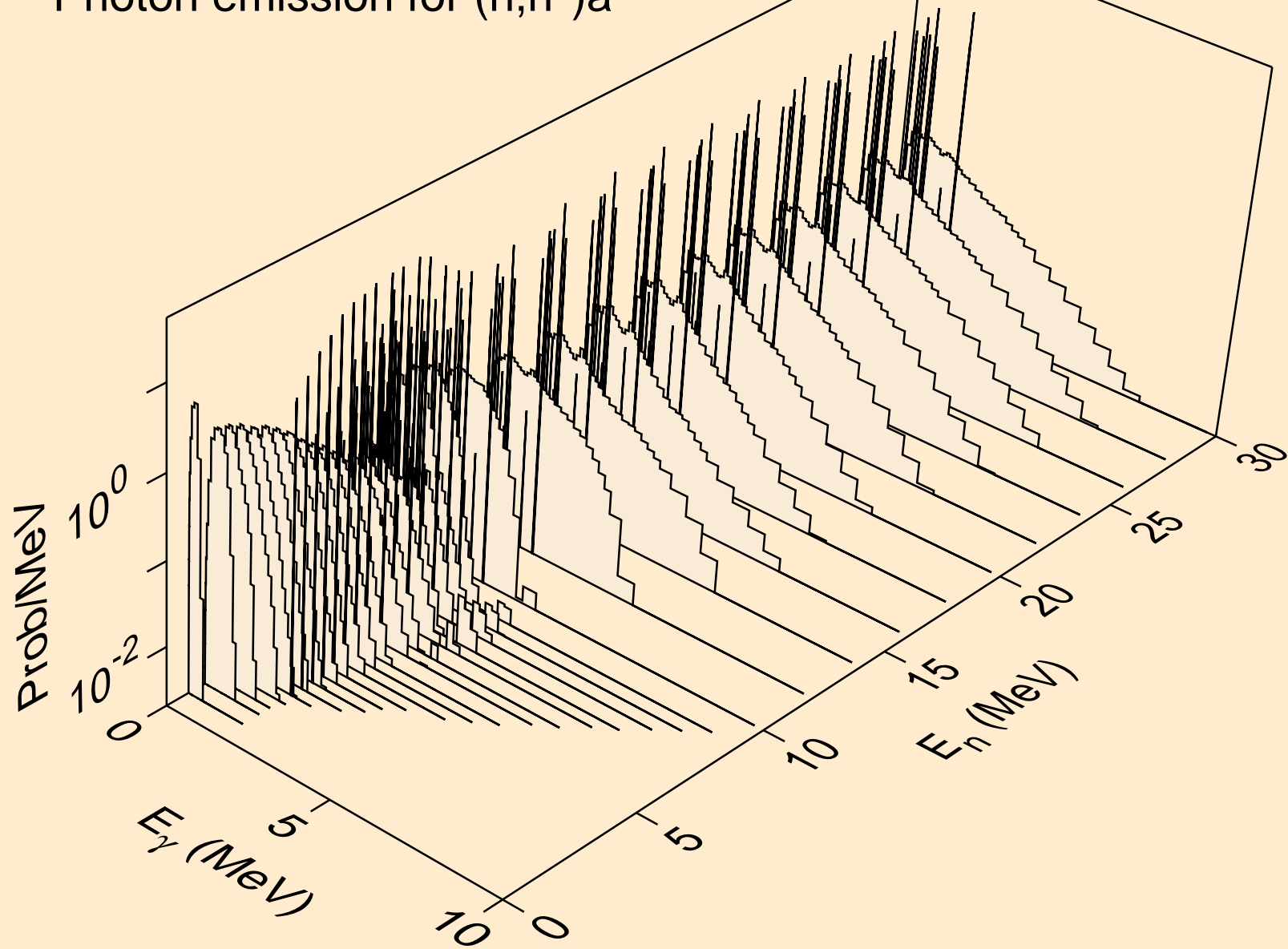
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



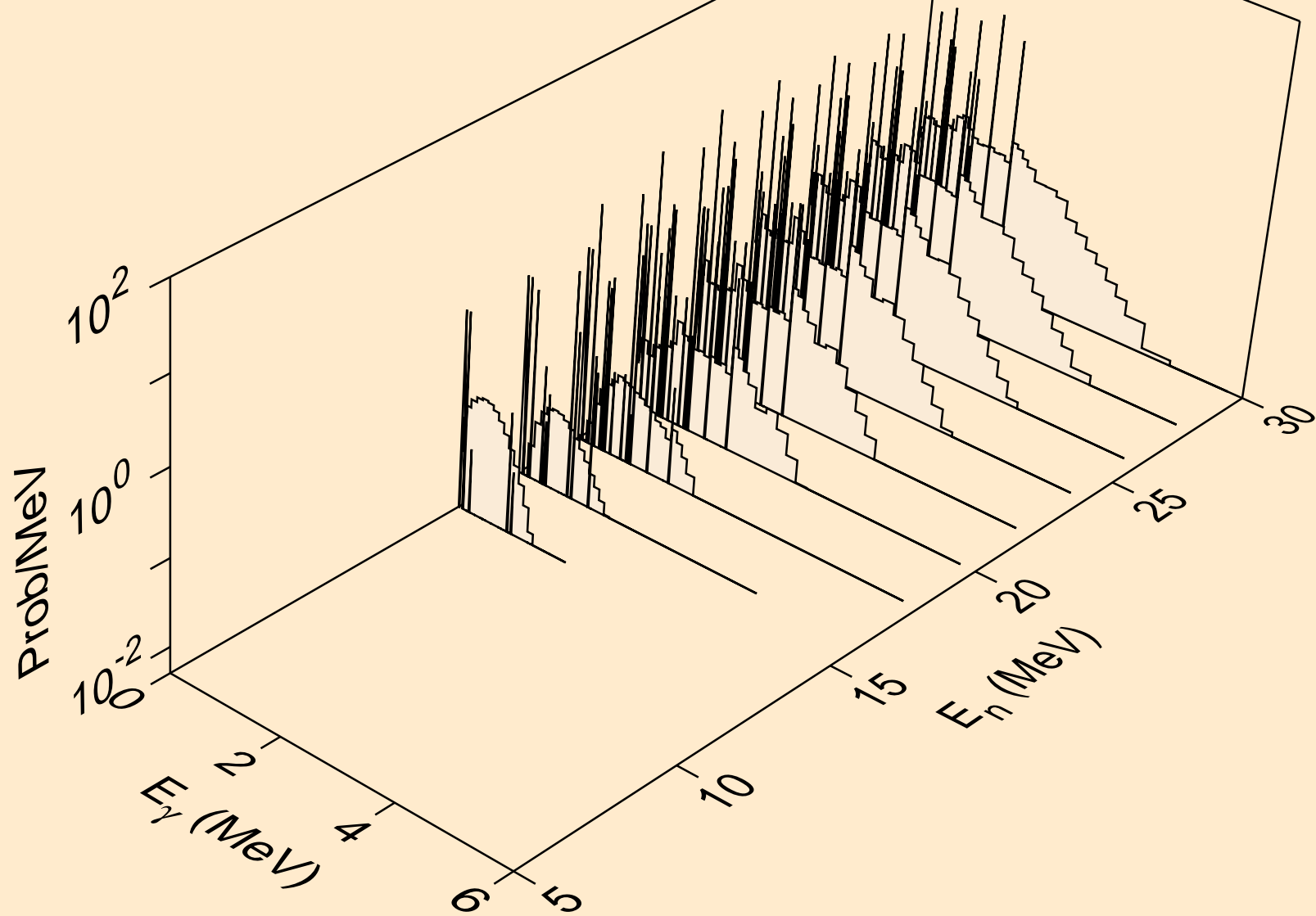
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



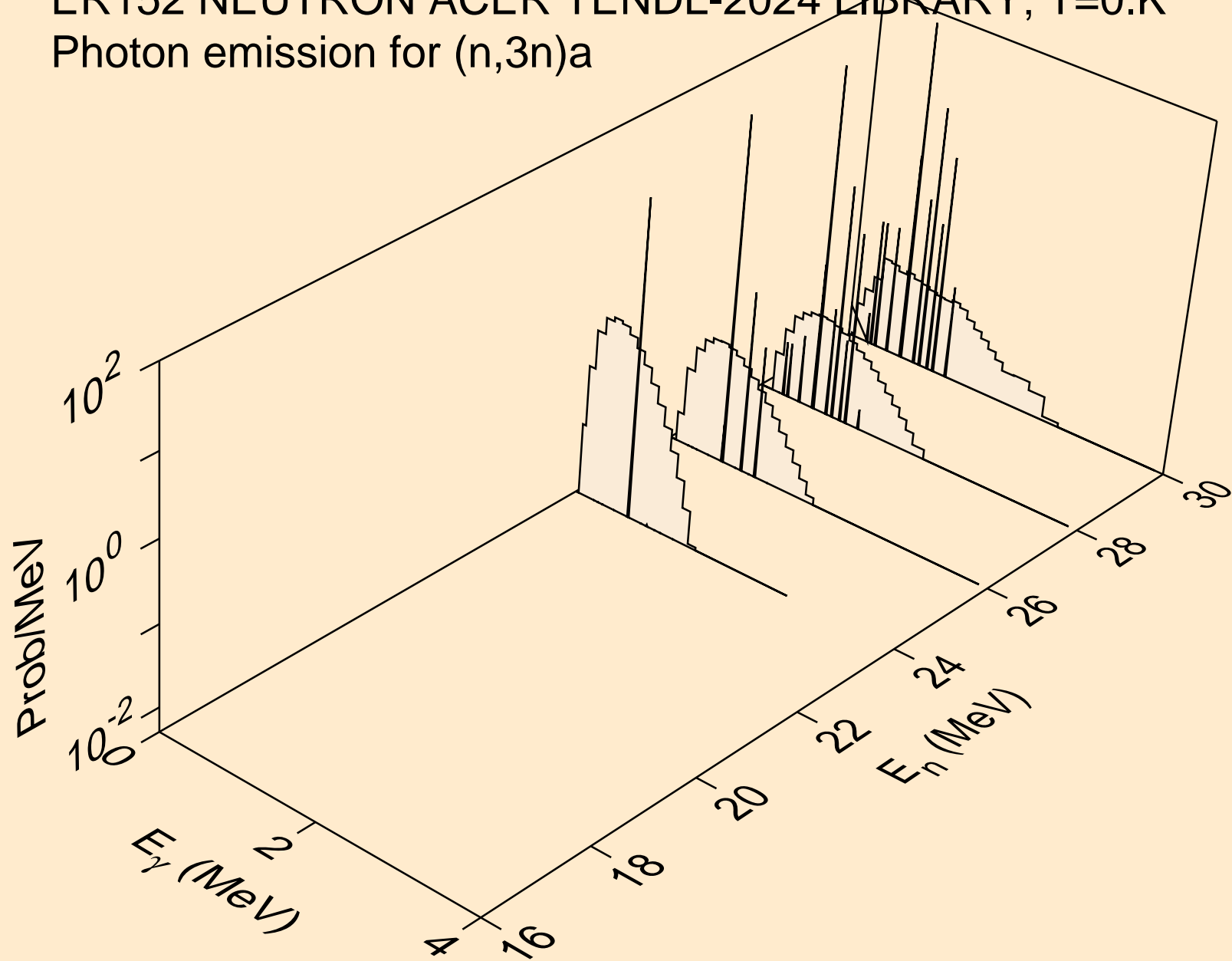
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



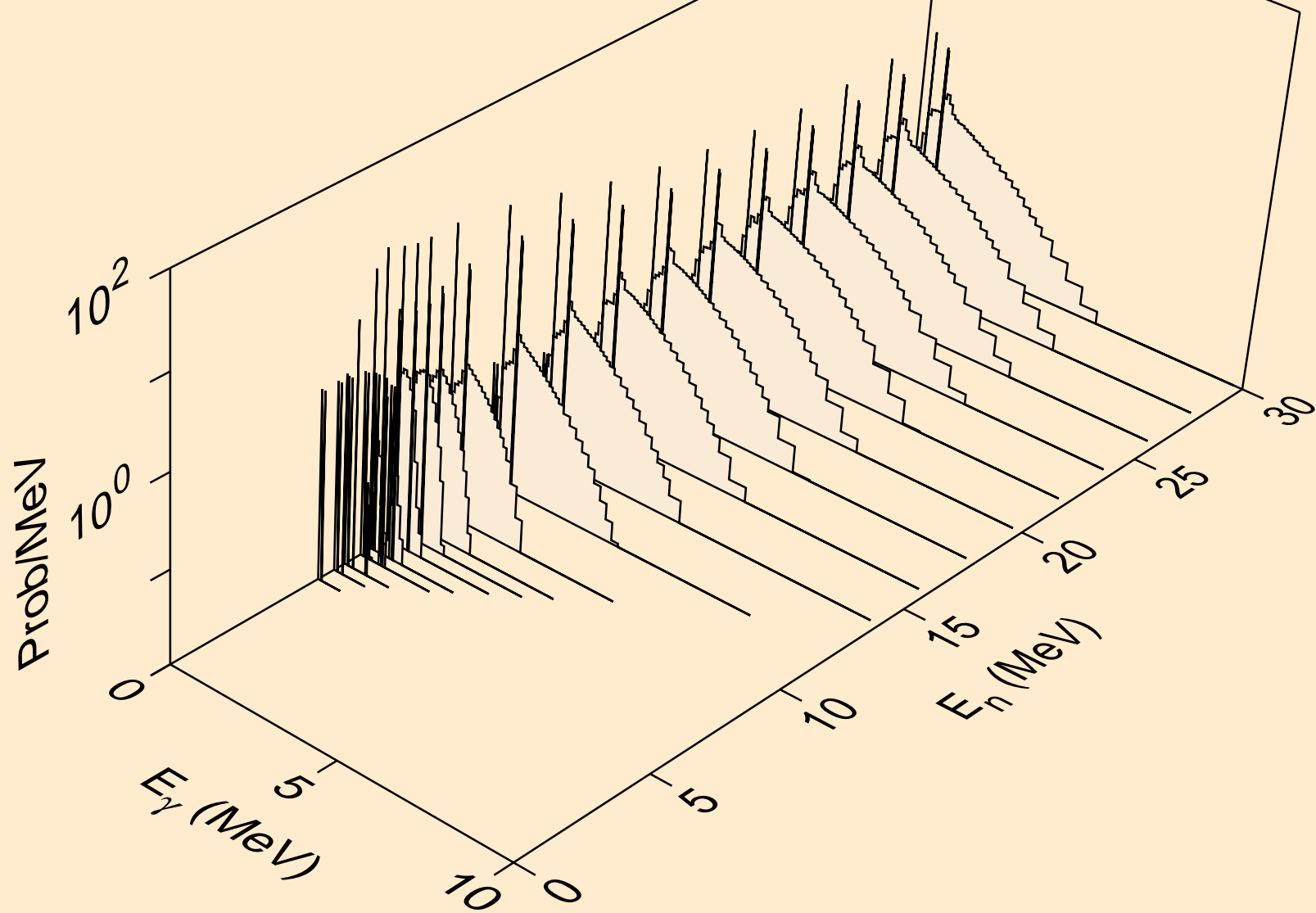
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

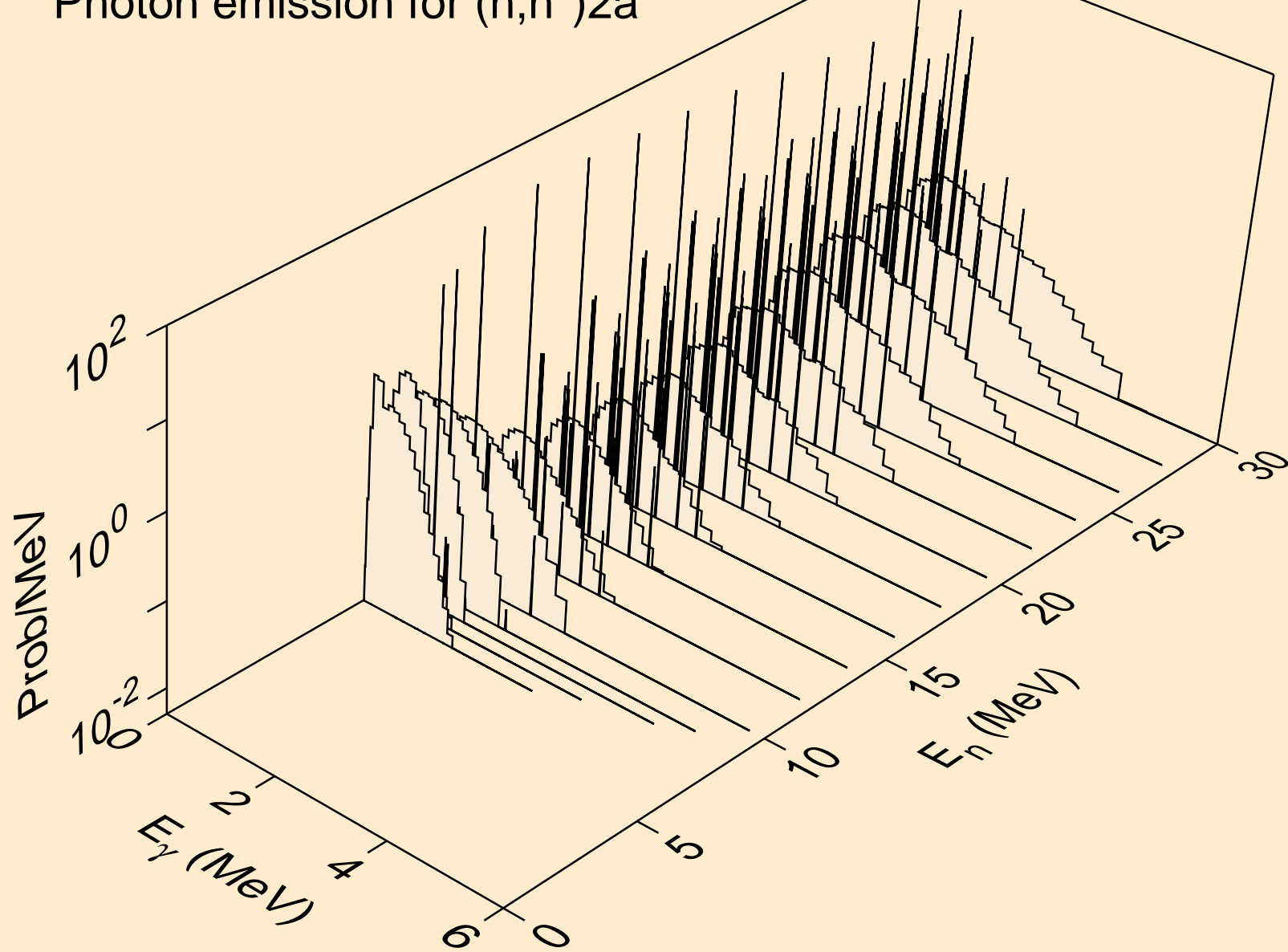


ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

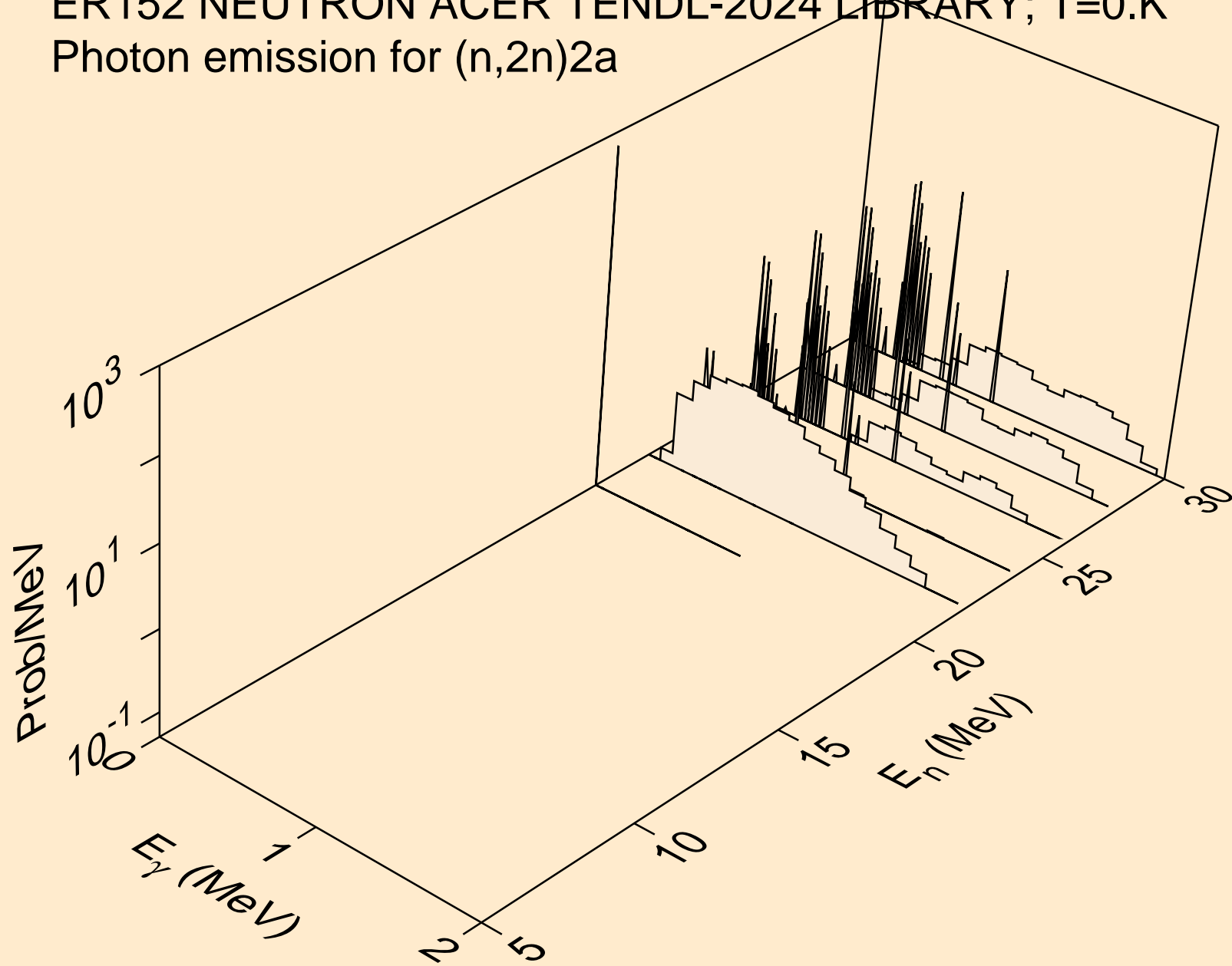




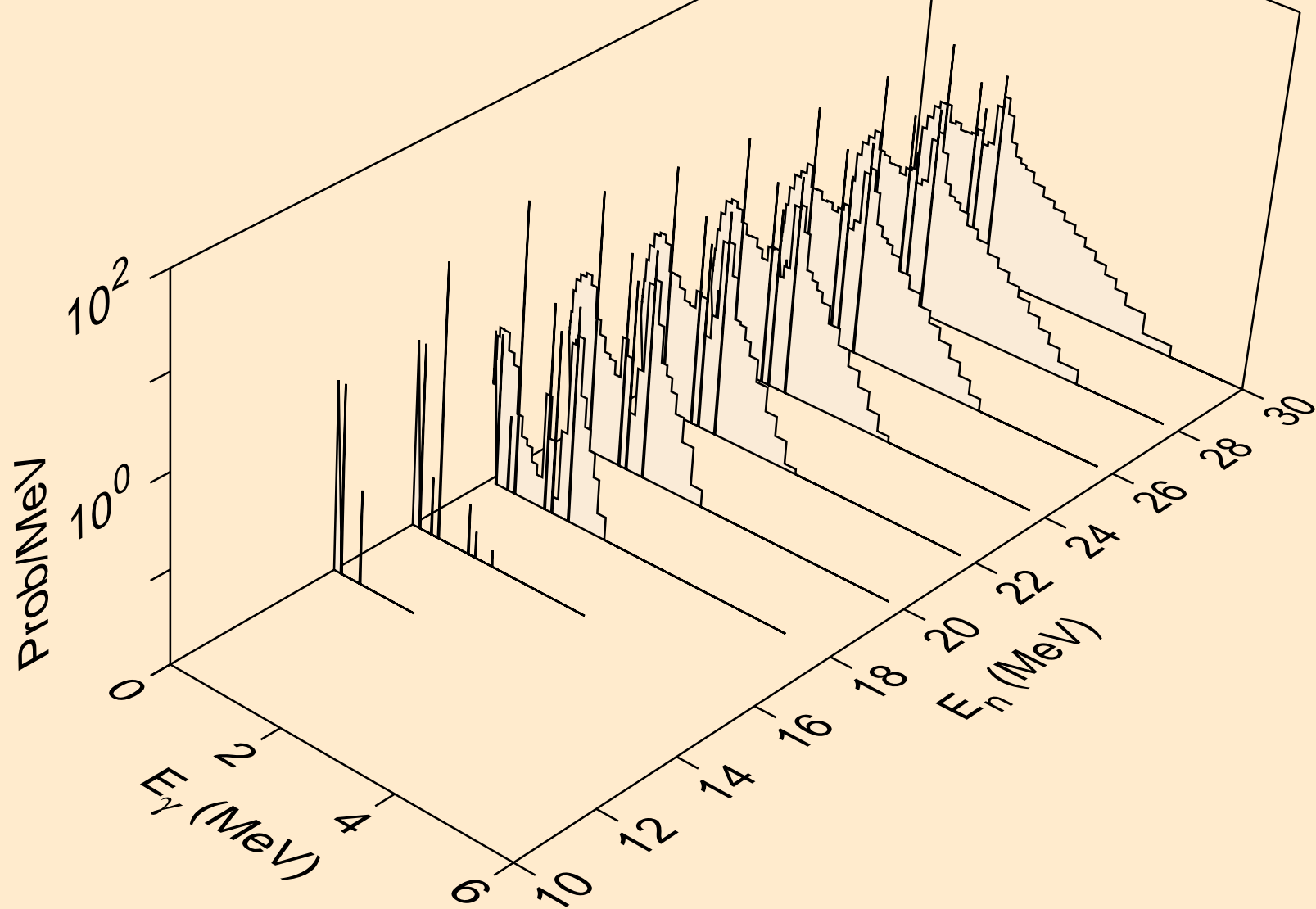
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



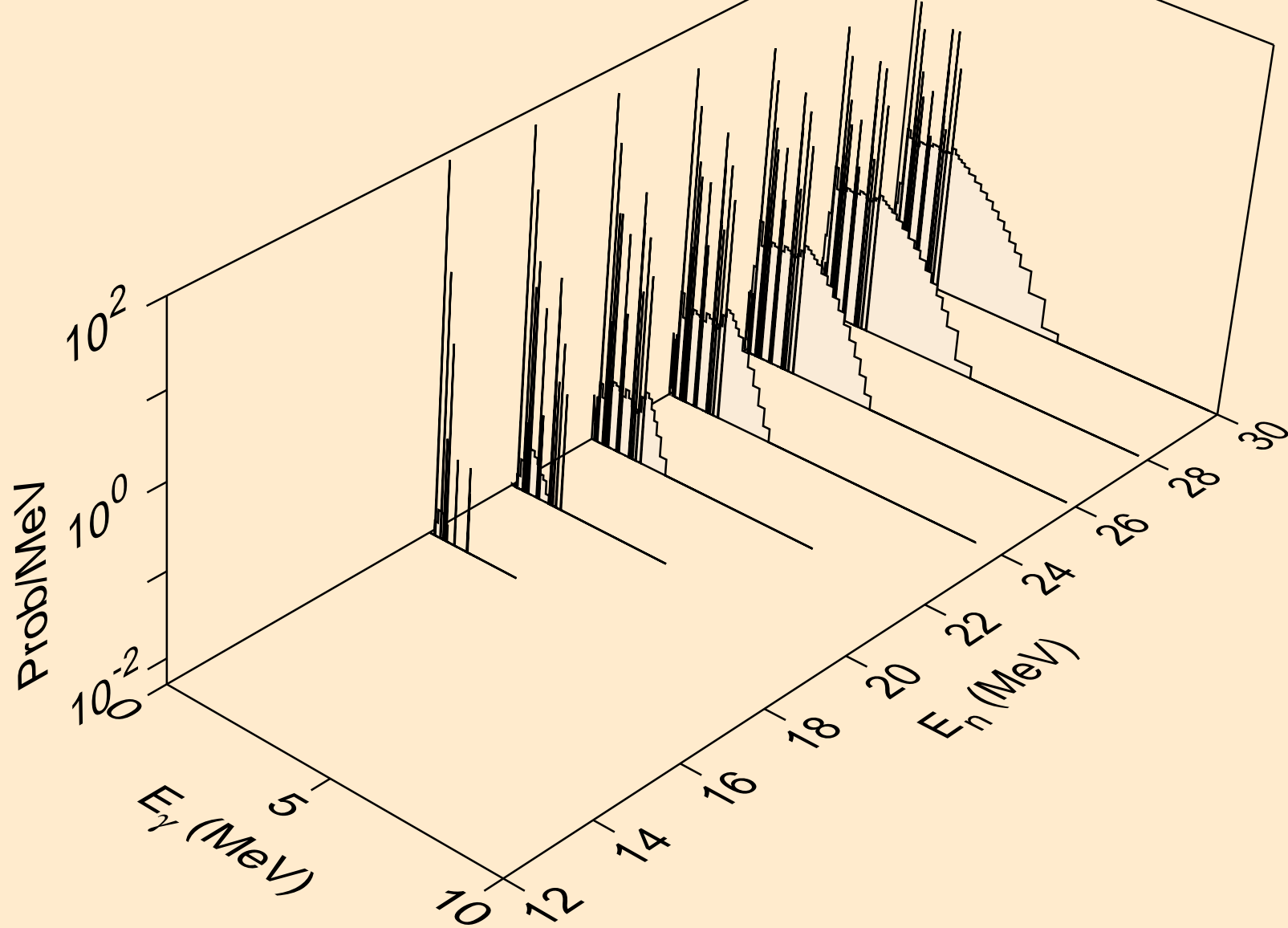
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



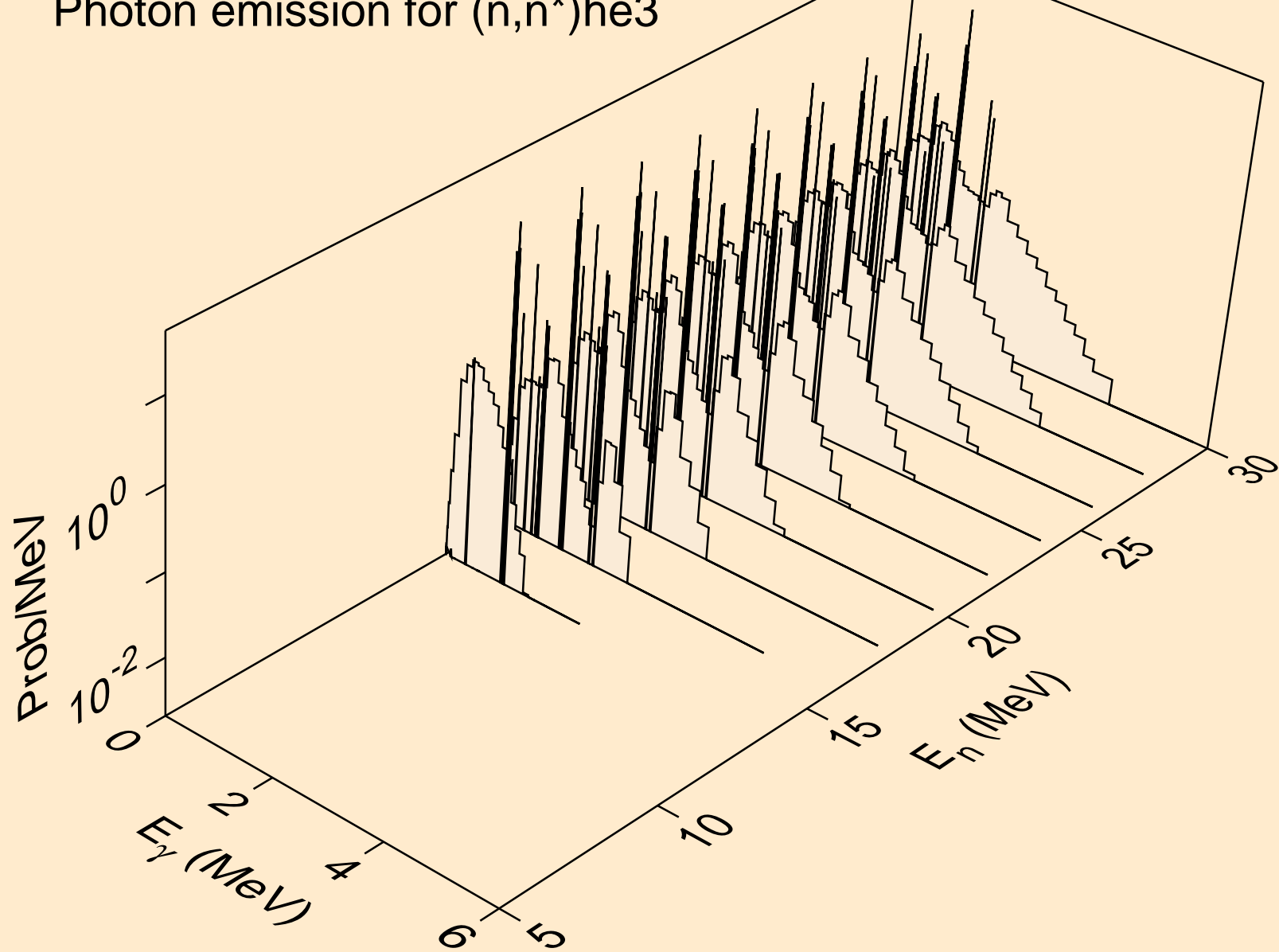
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



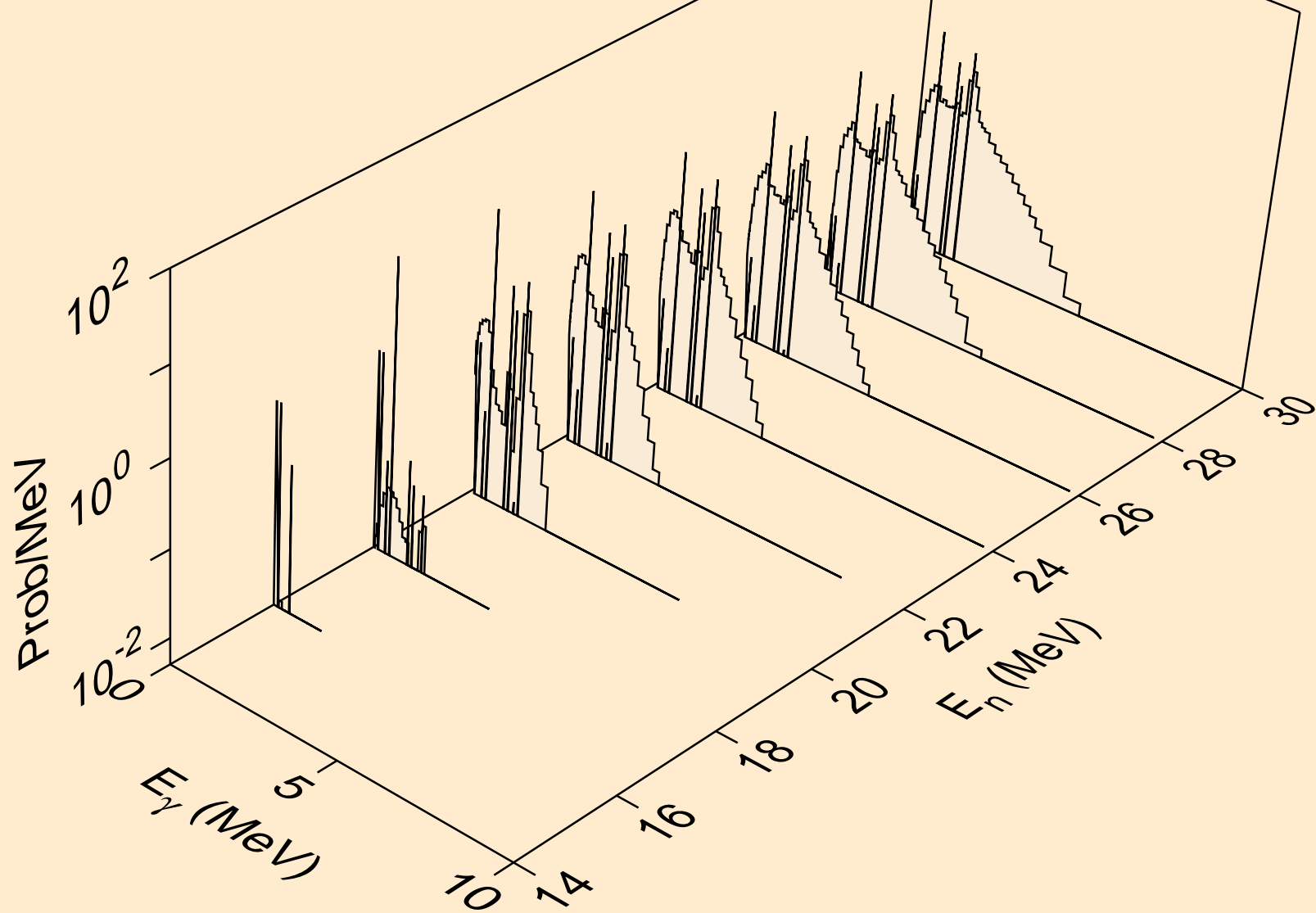
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



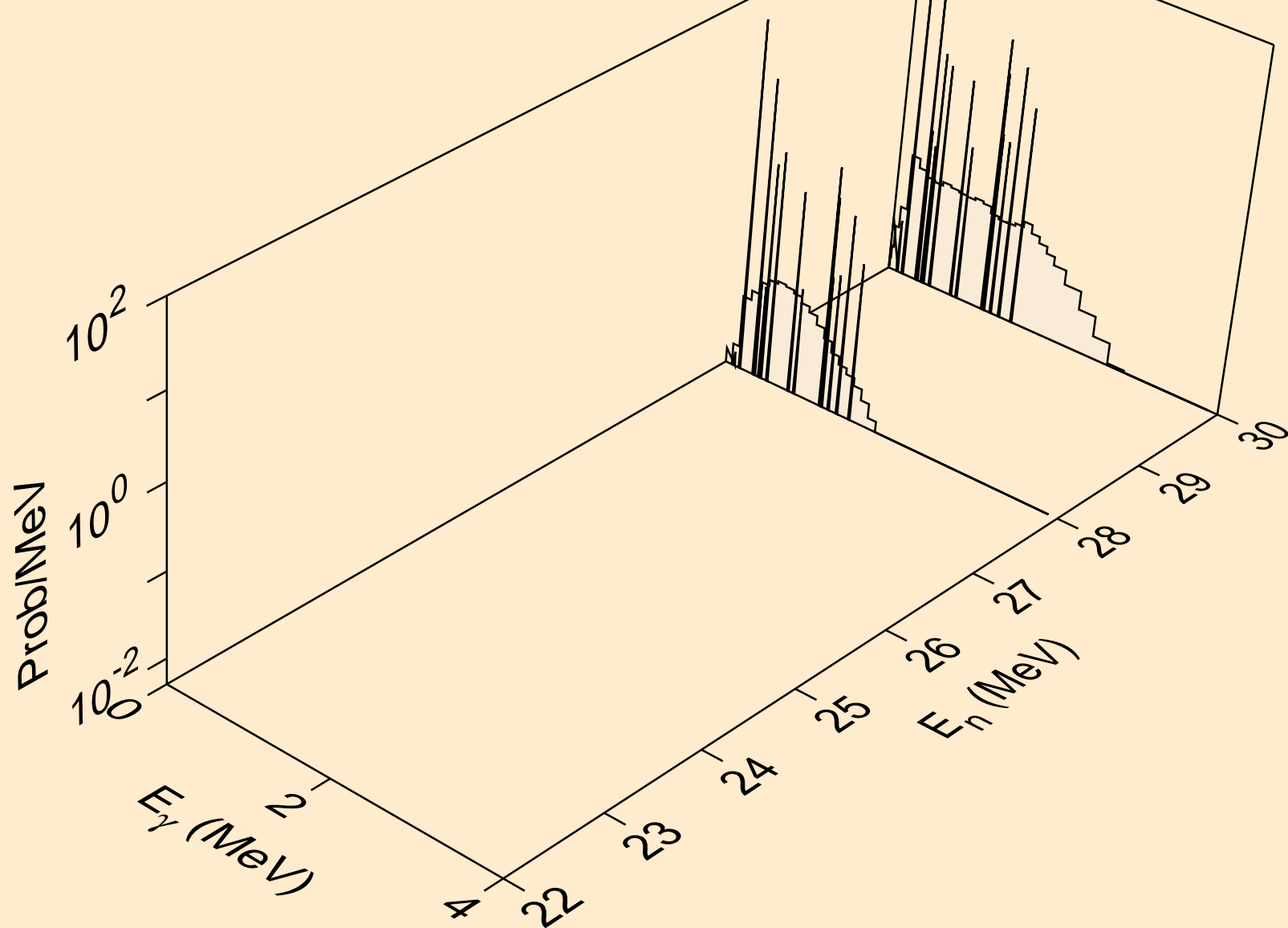
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



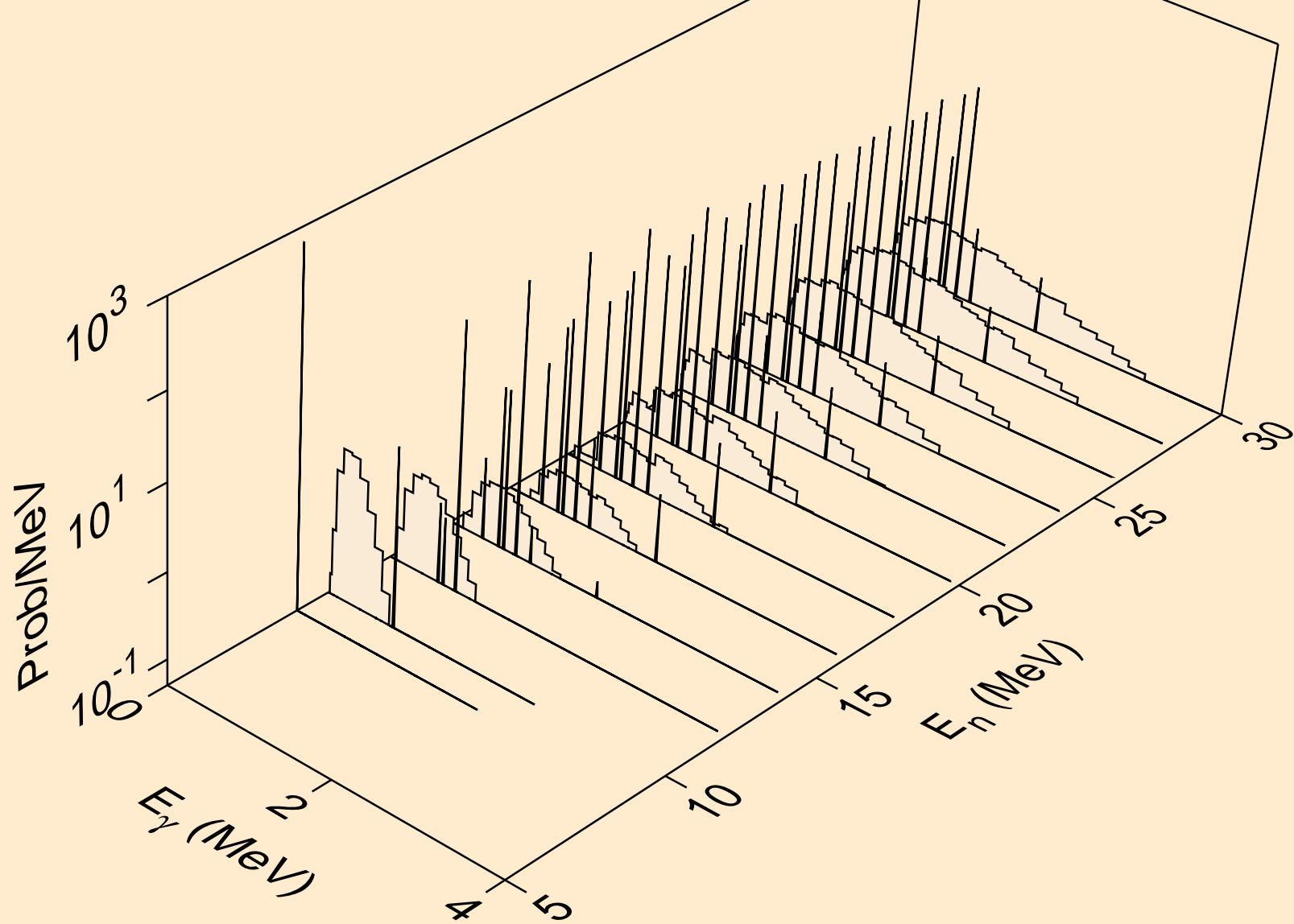
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

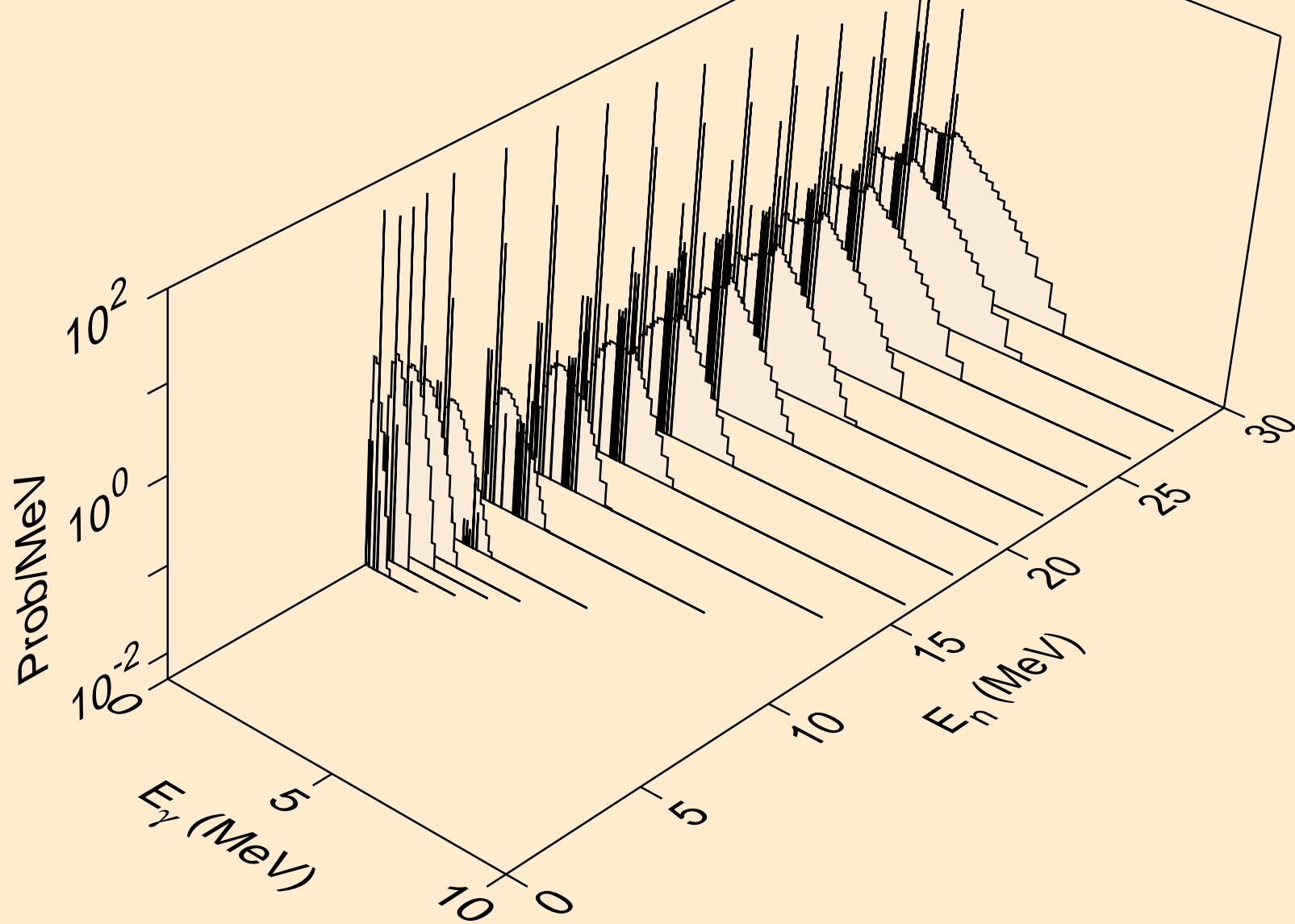


ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

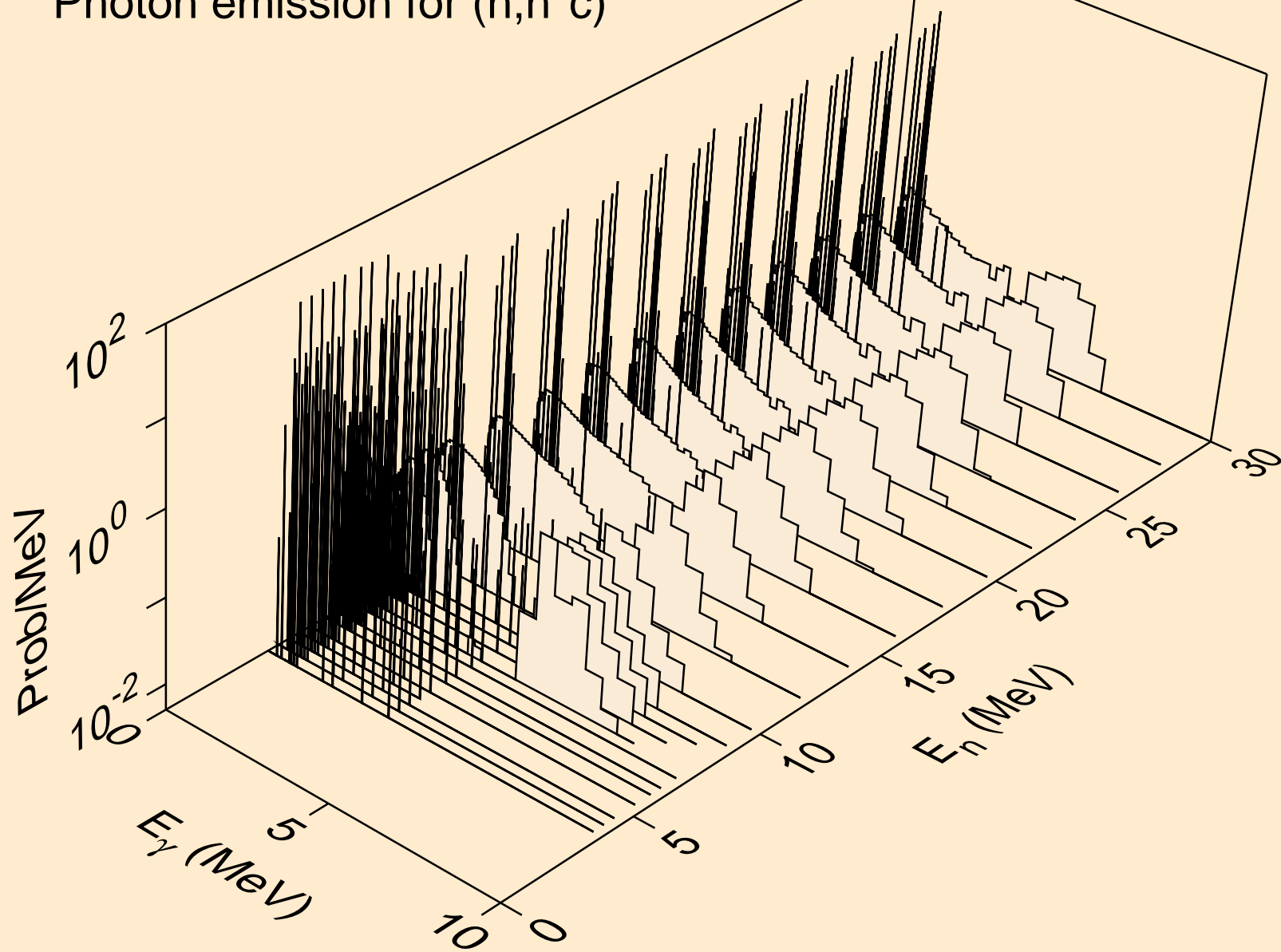




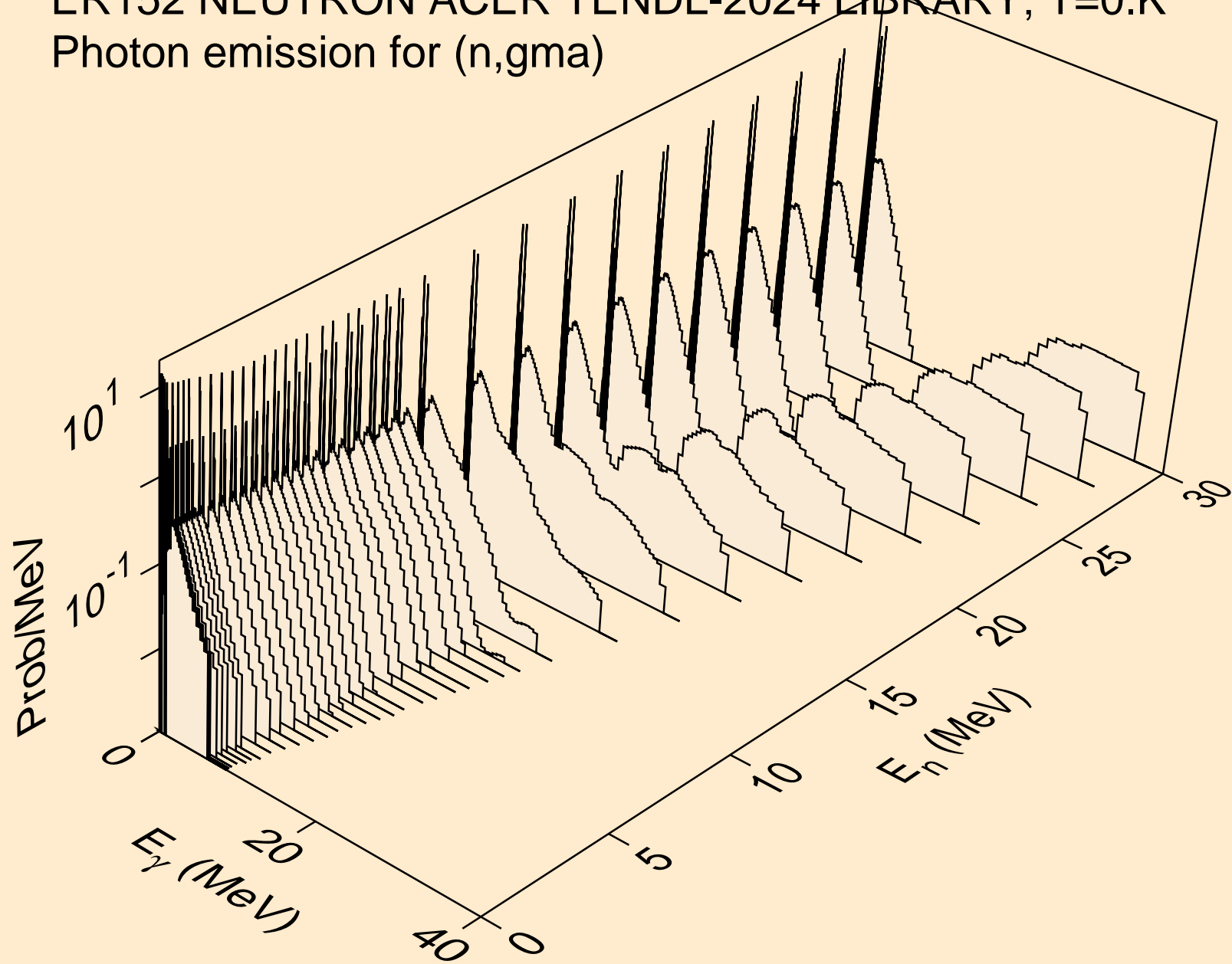
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



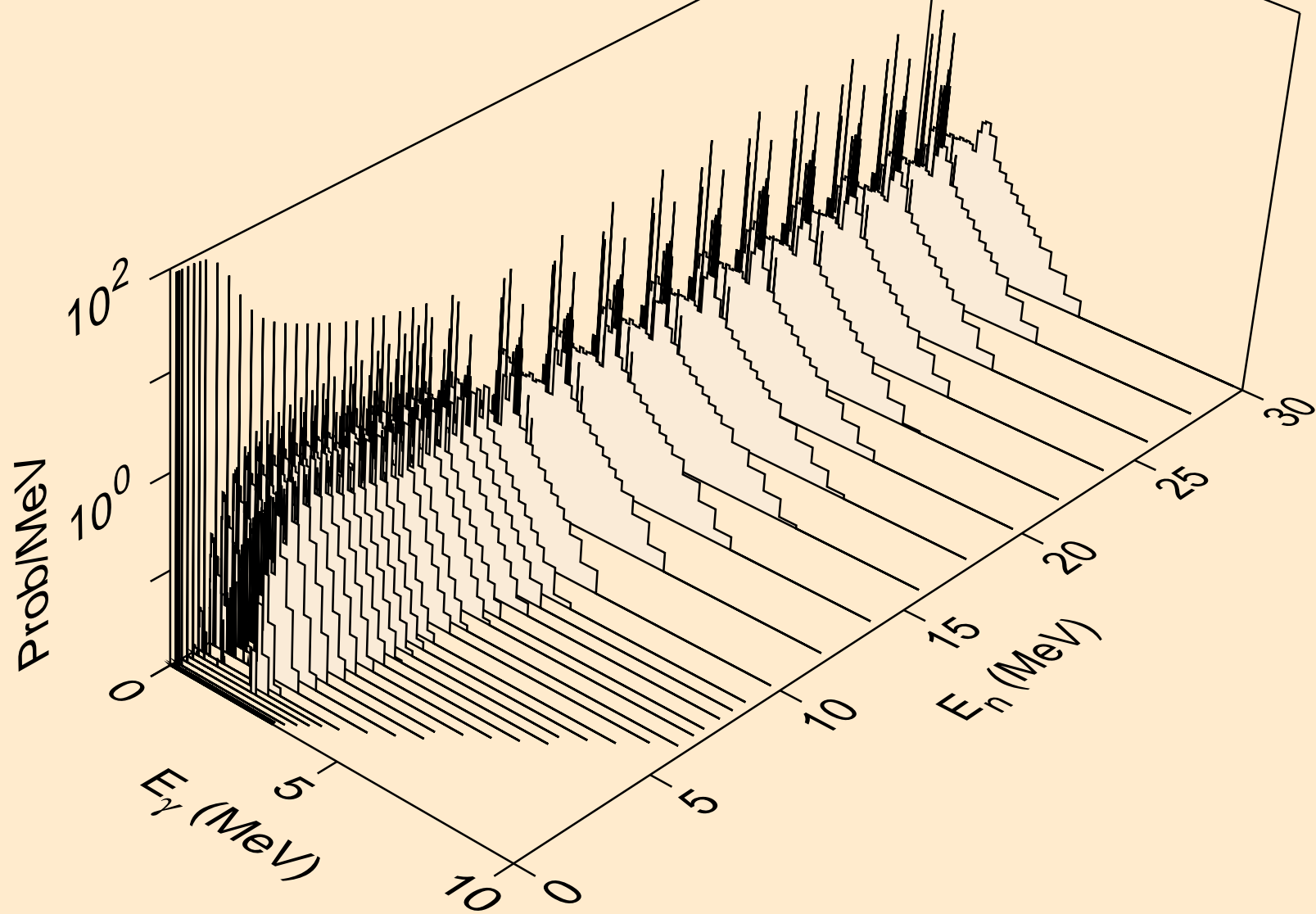
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



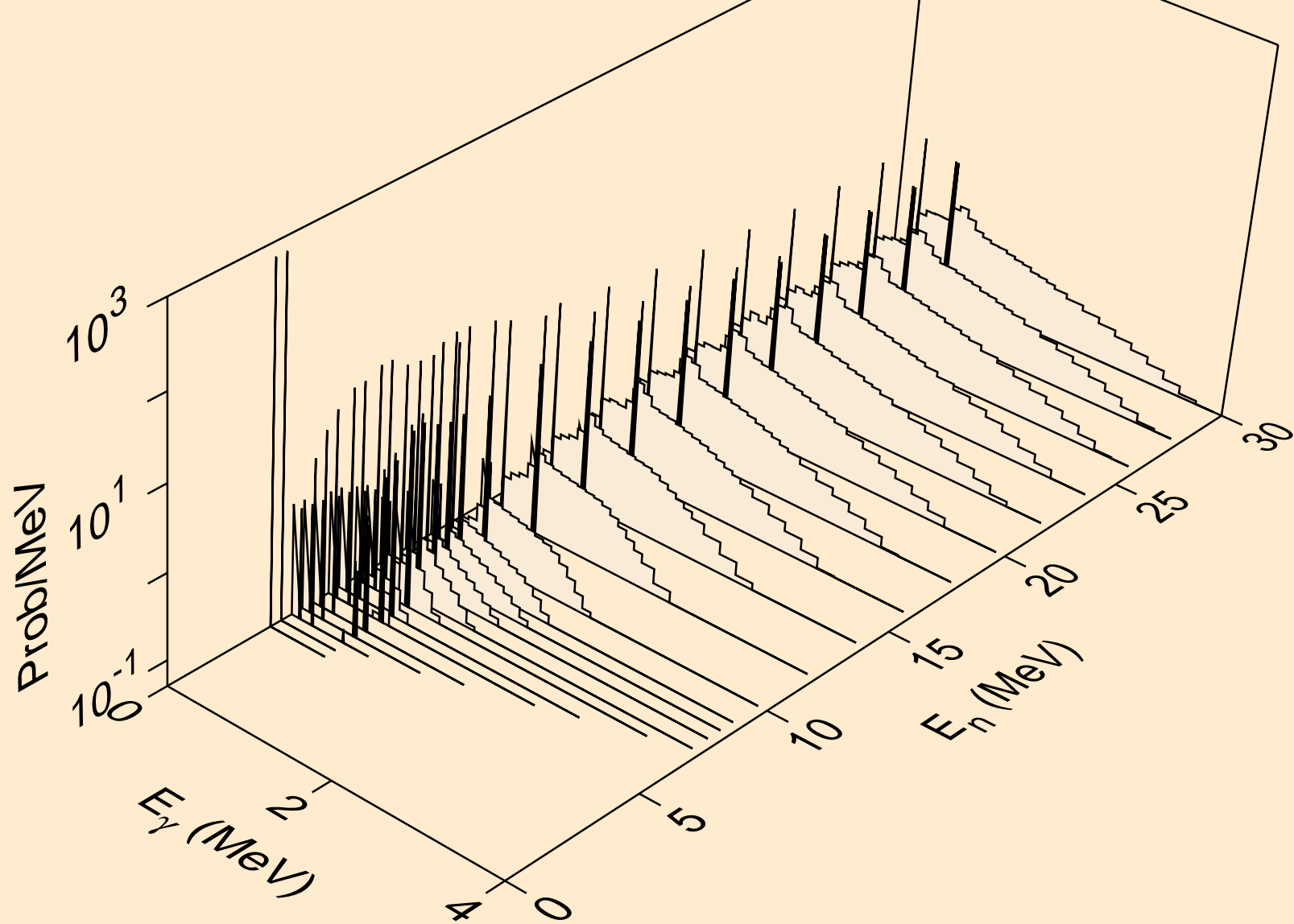
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



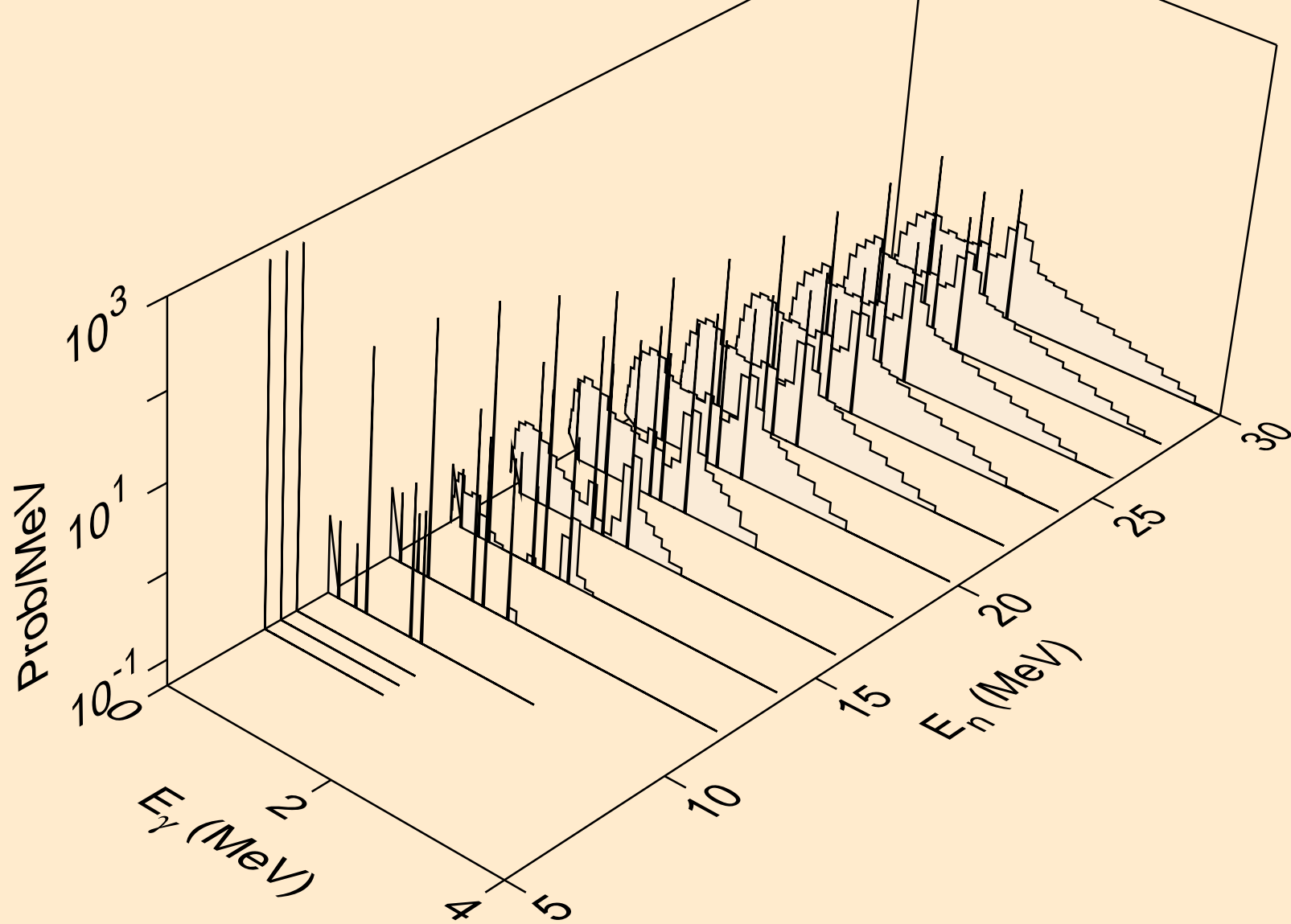
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



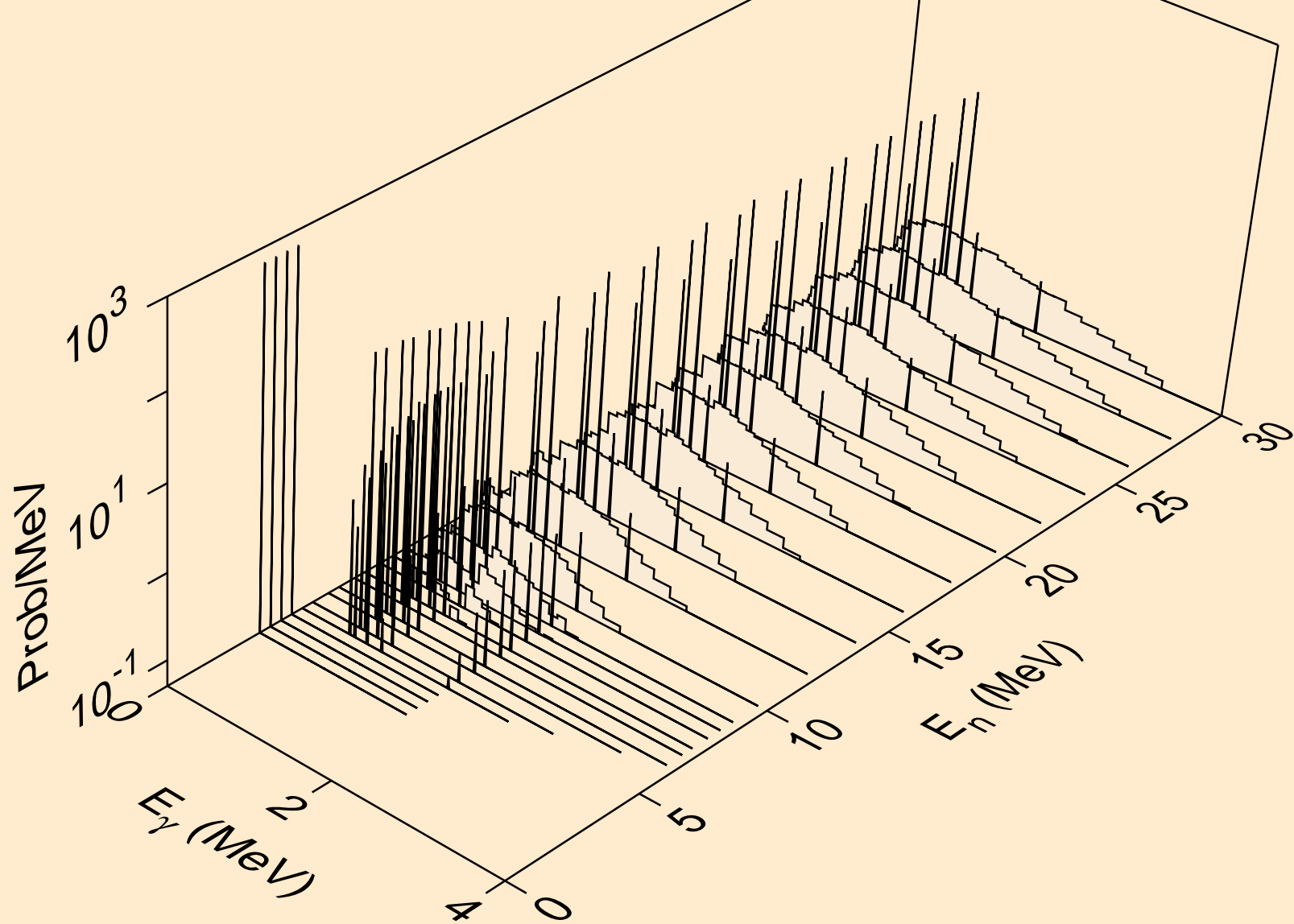
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



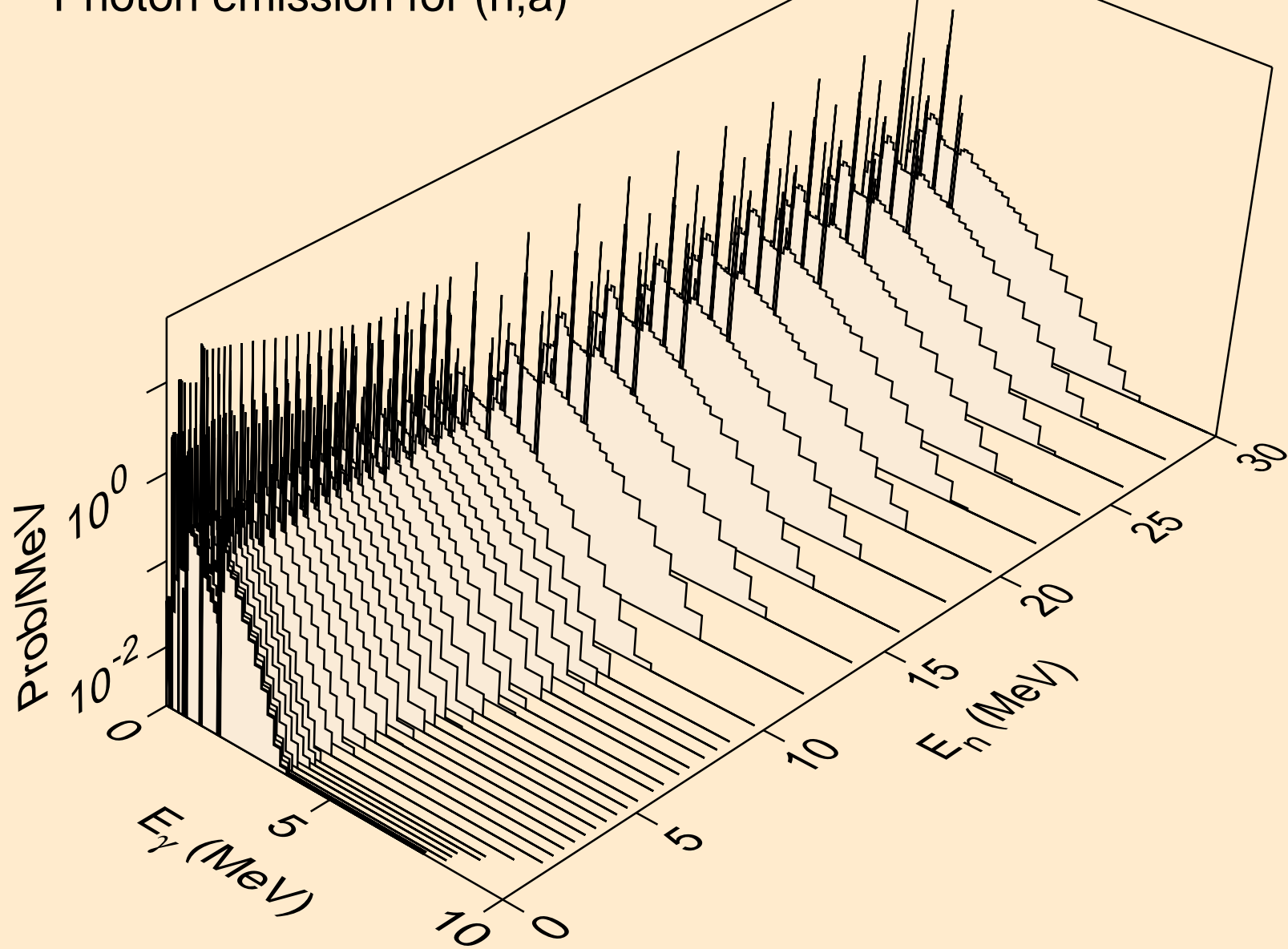
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

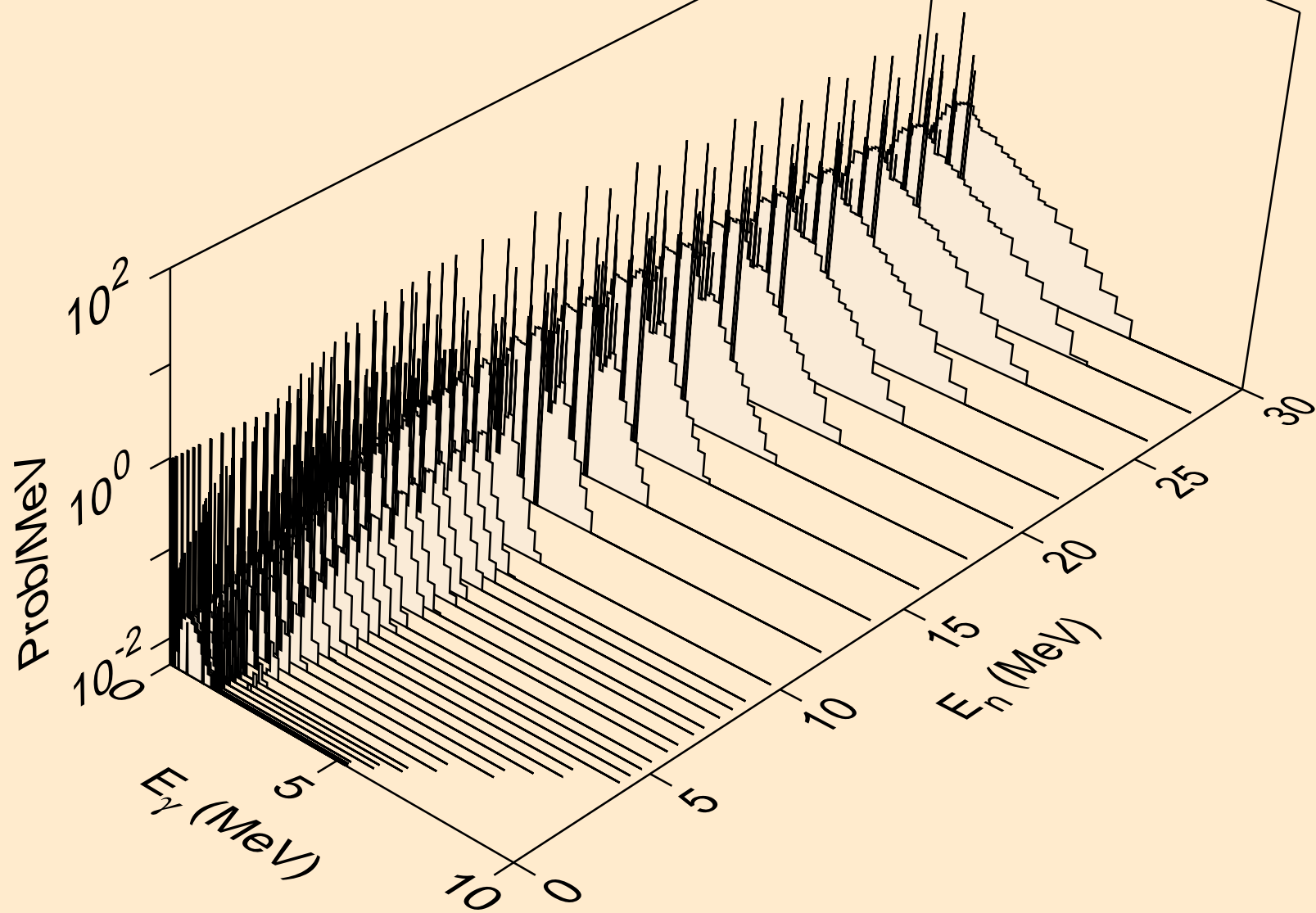


ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

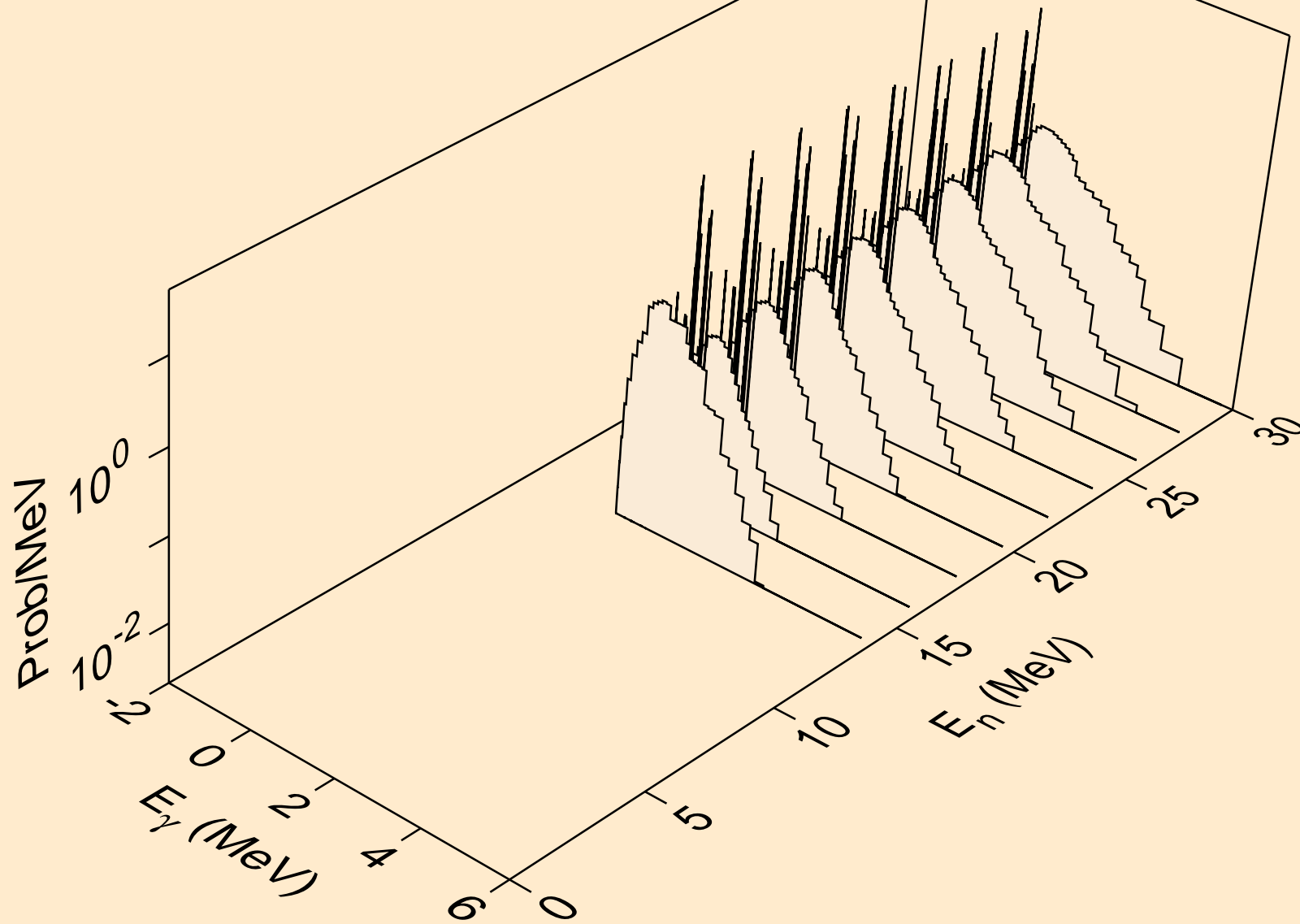




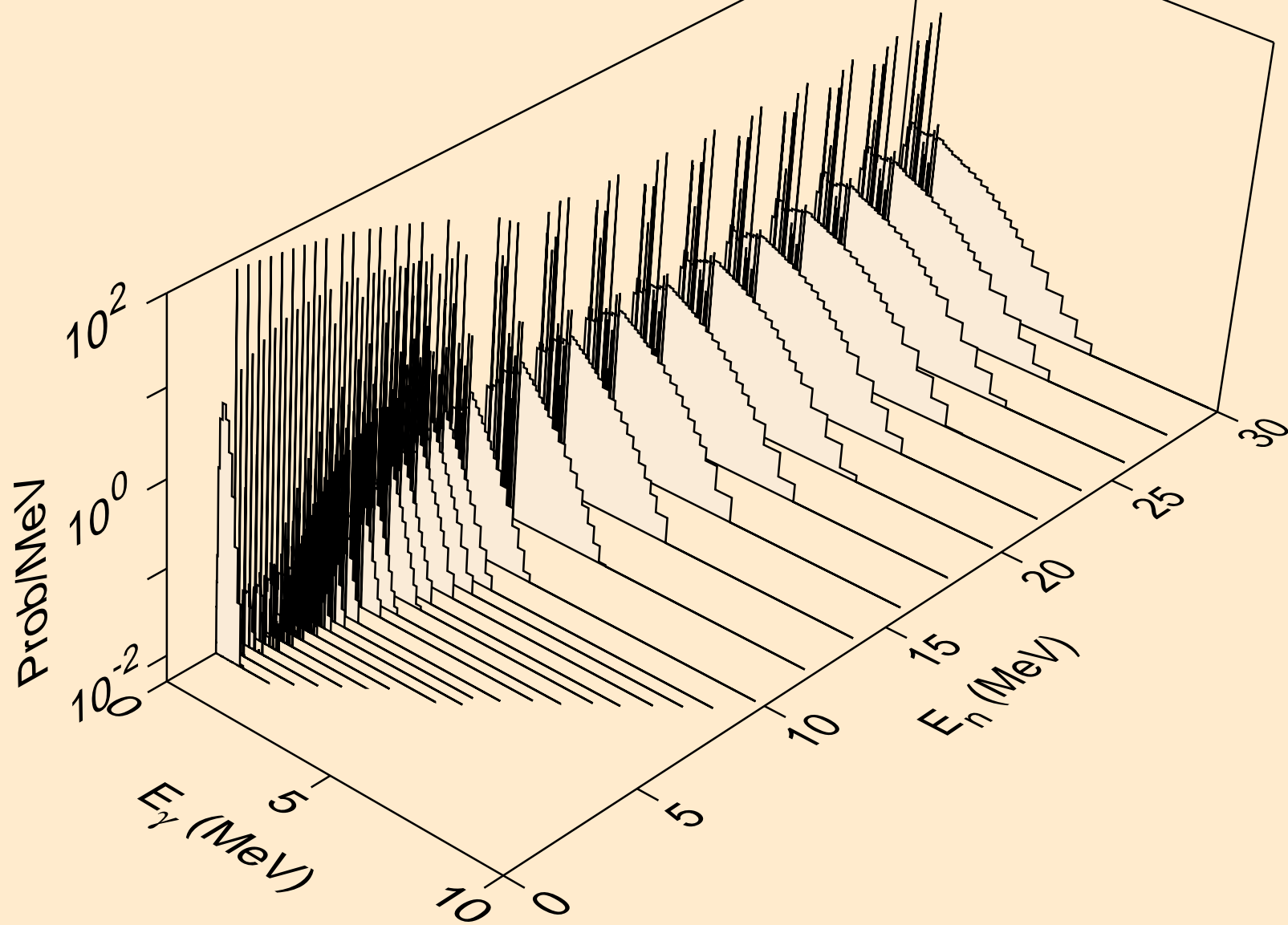
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



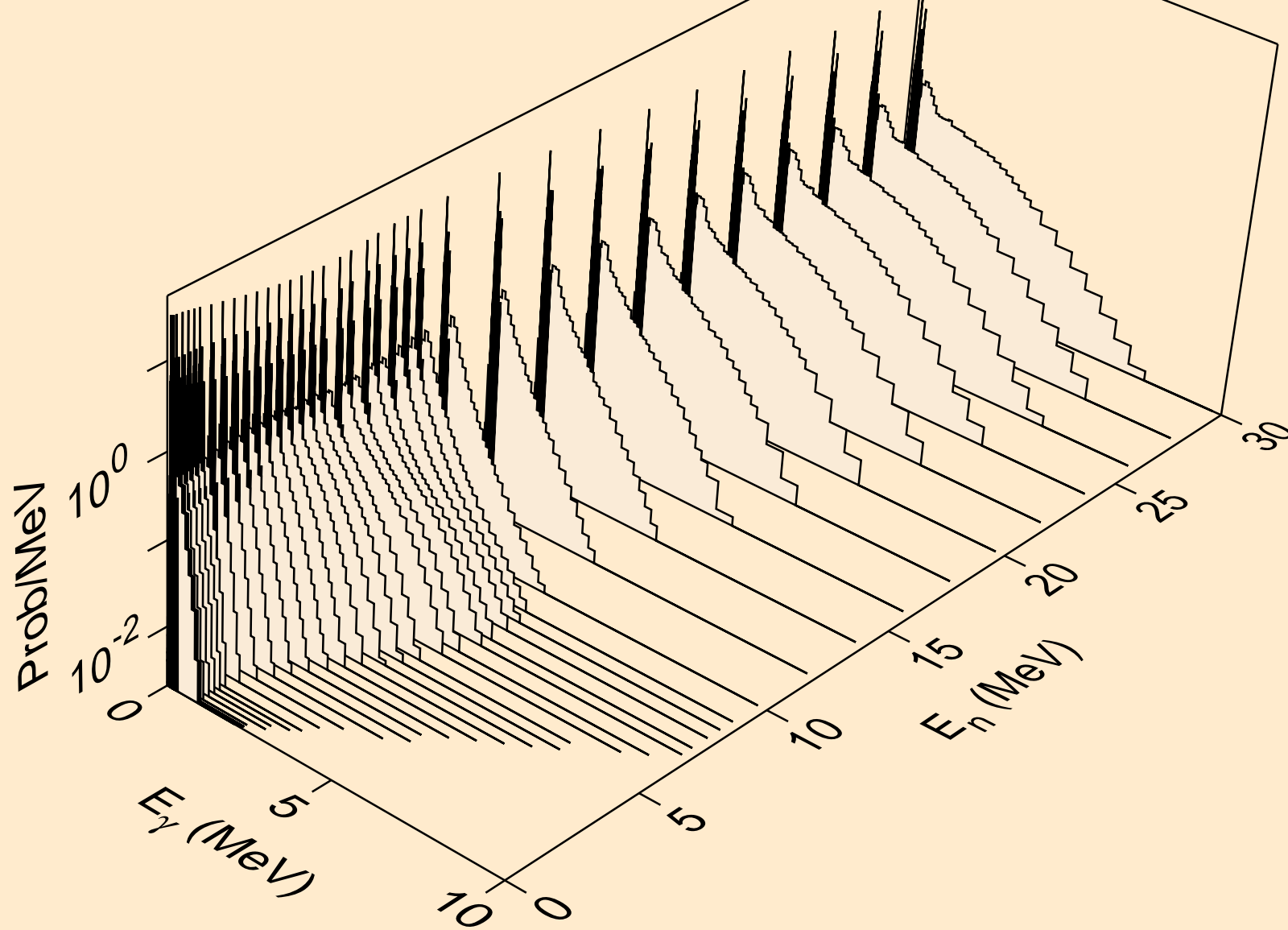
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



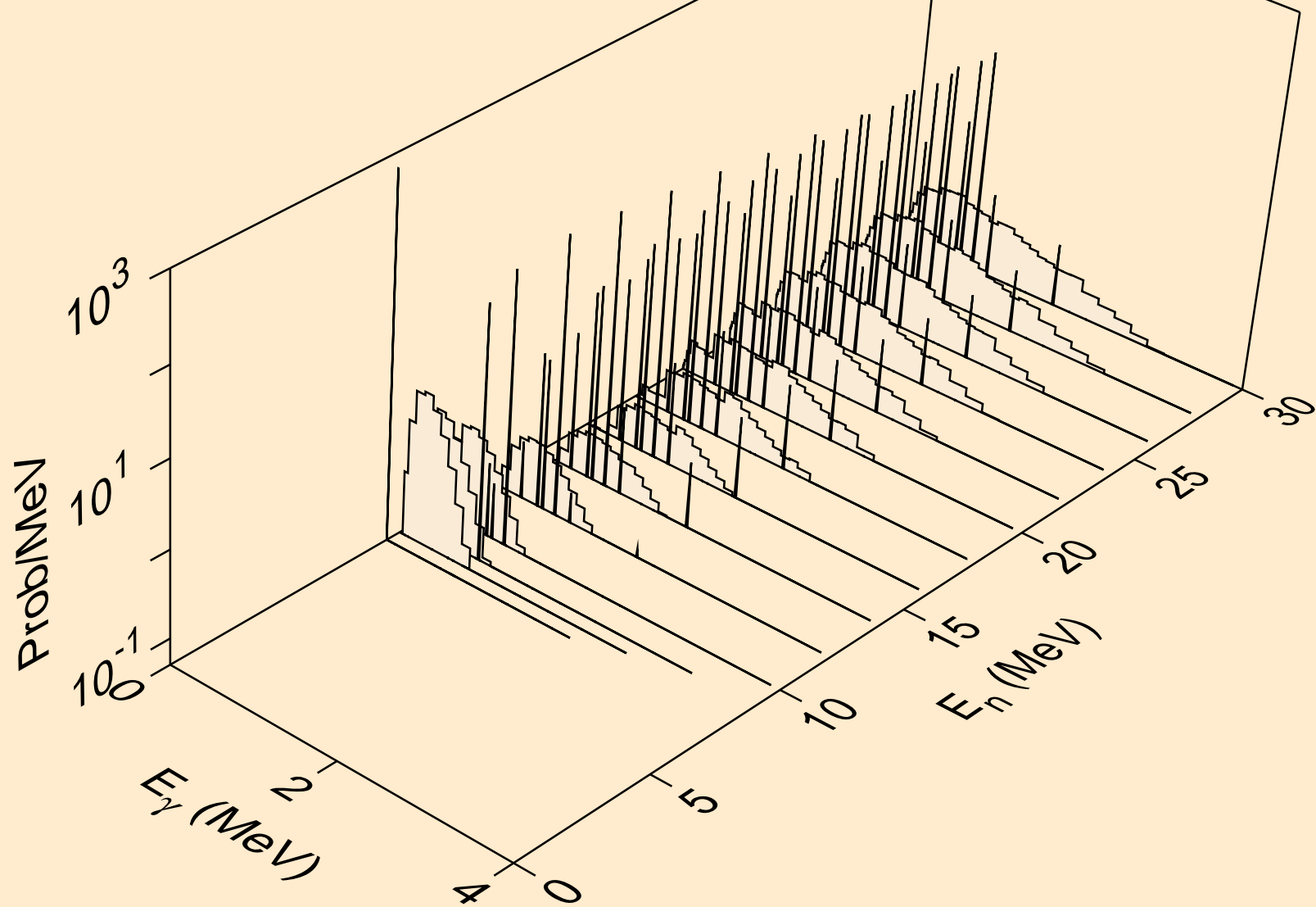
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



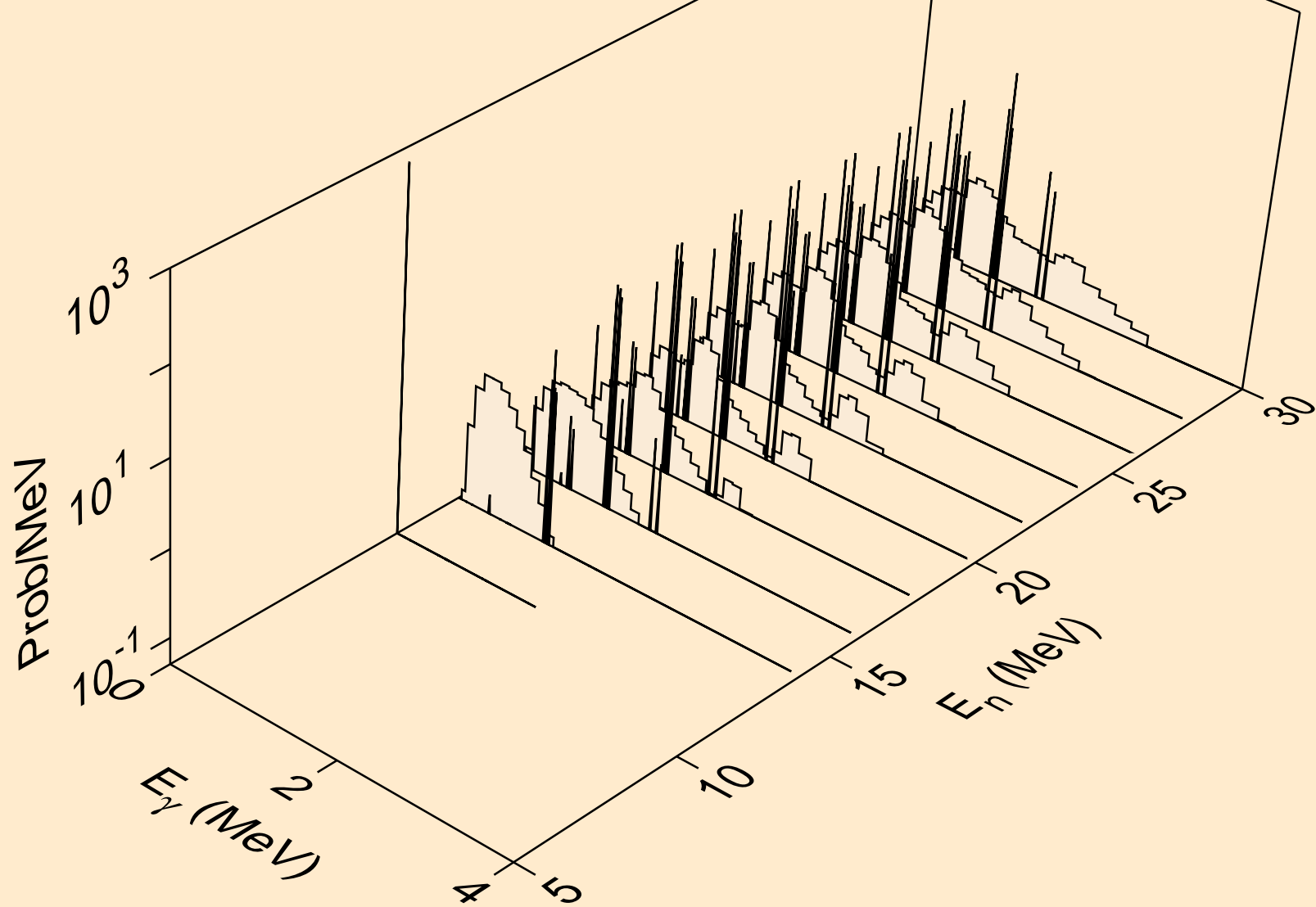
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



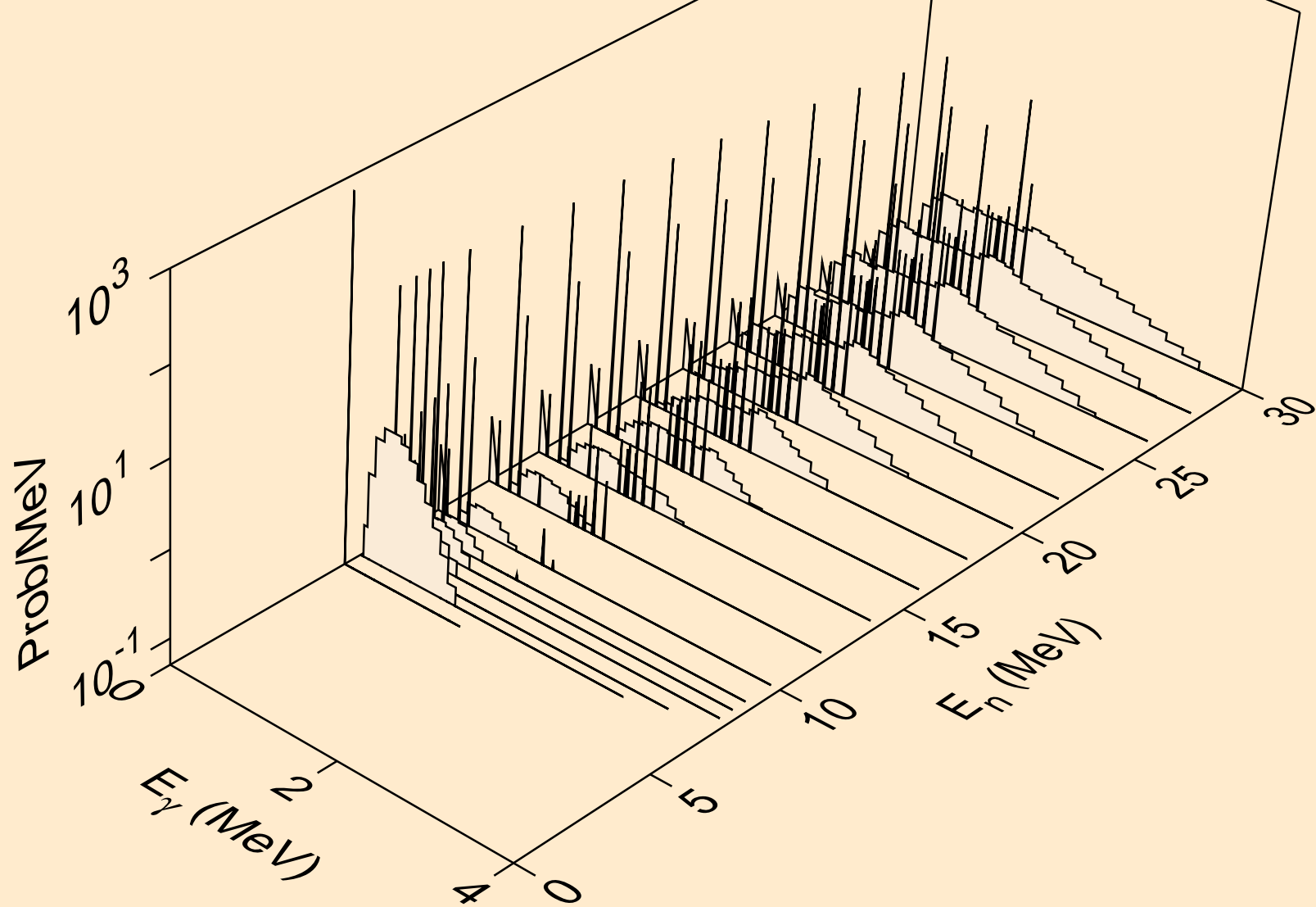
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



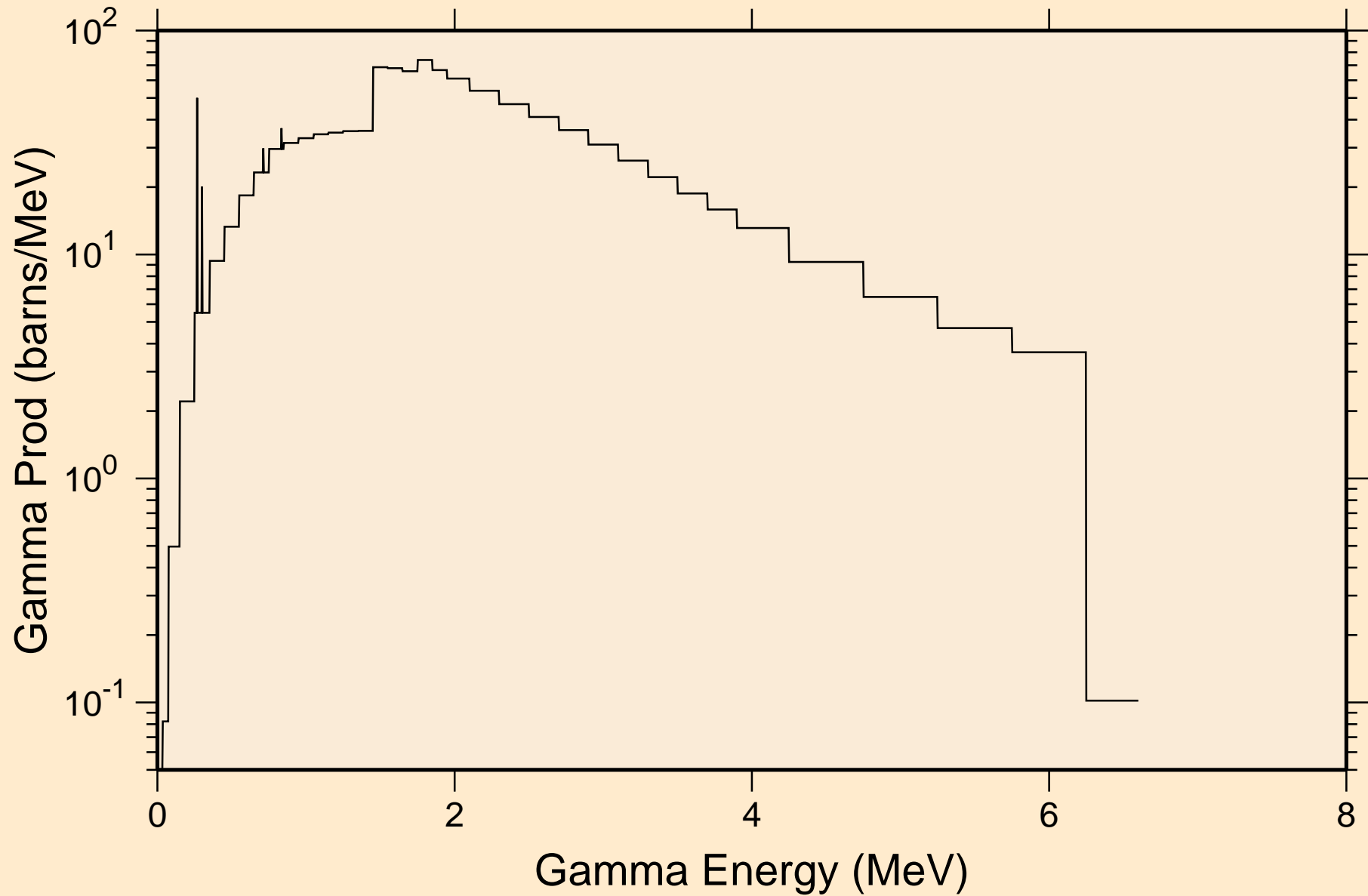
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

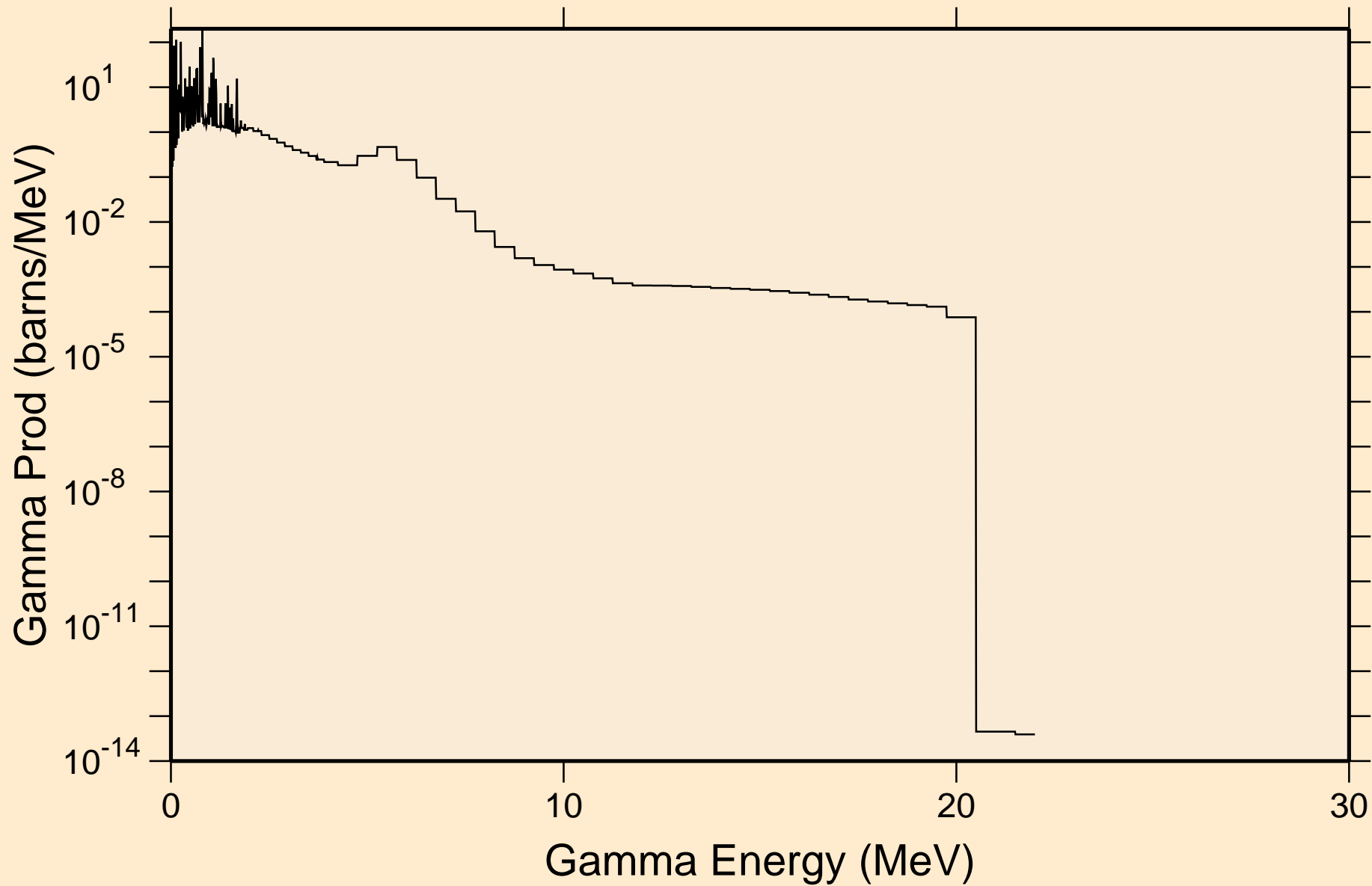


ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



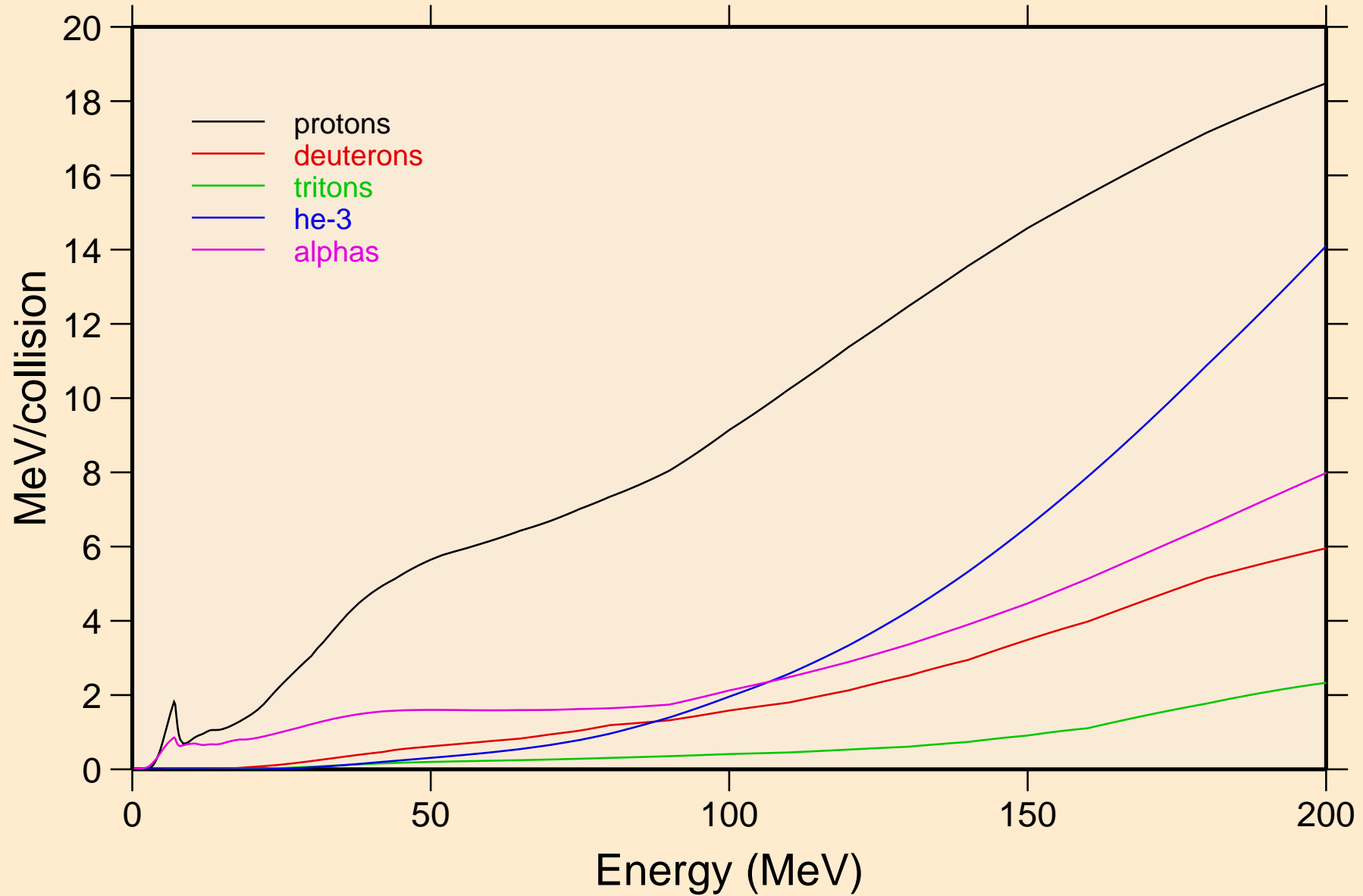


ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



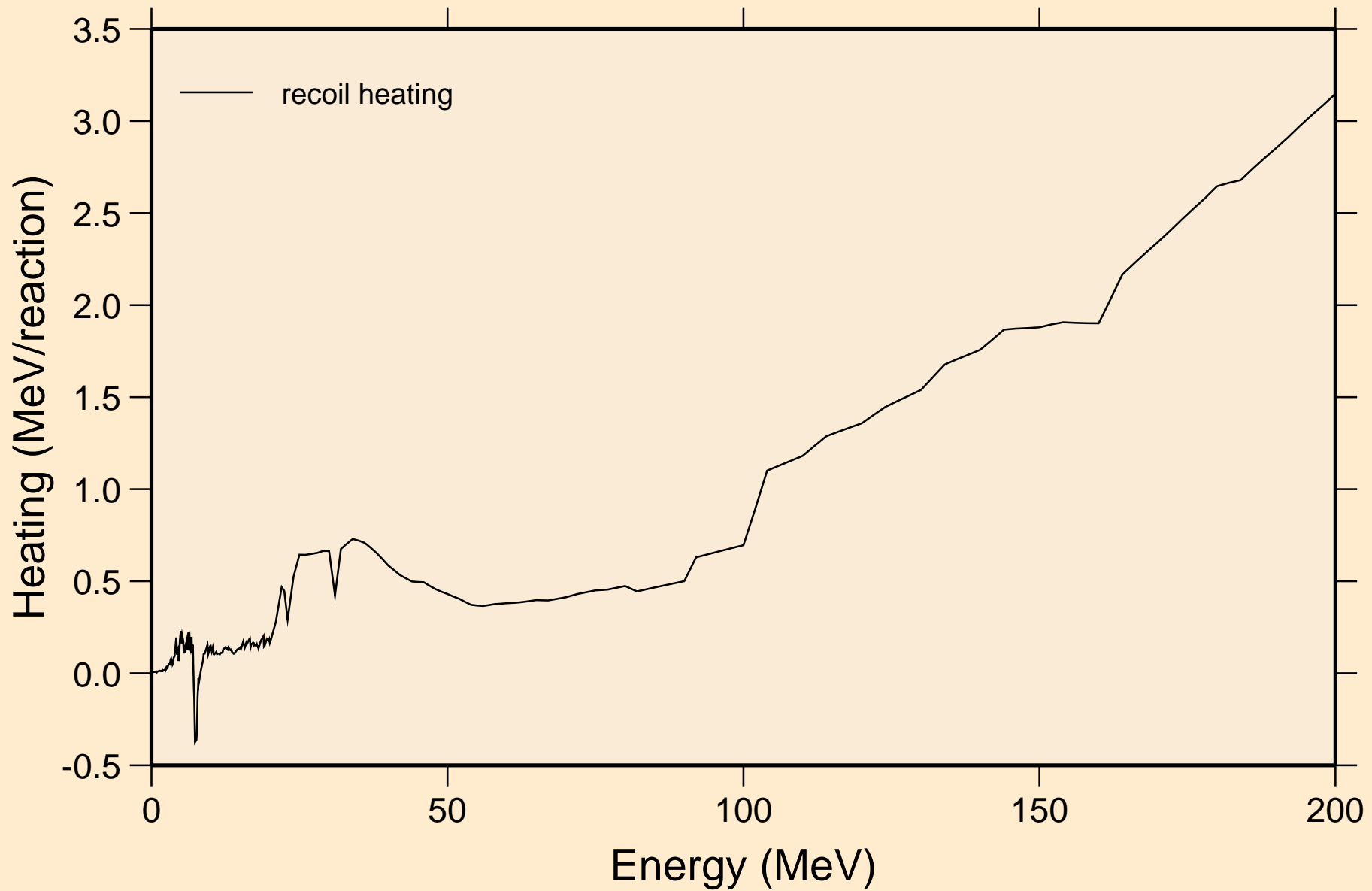
# ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

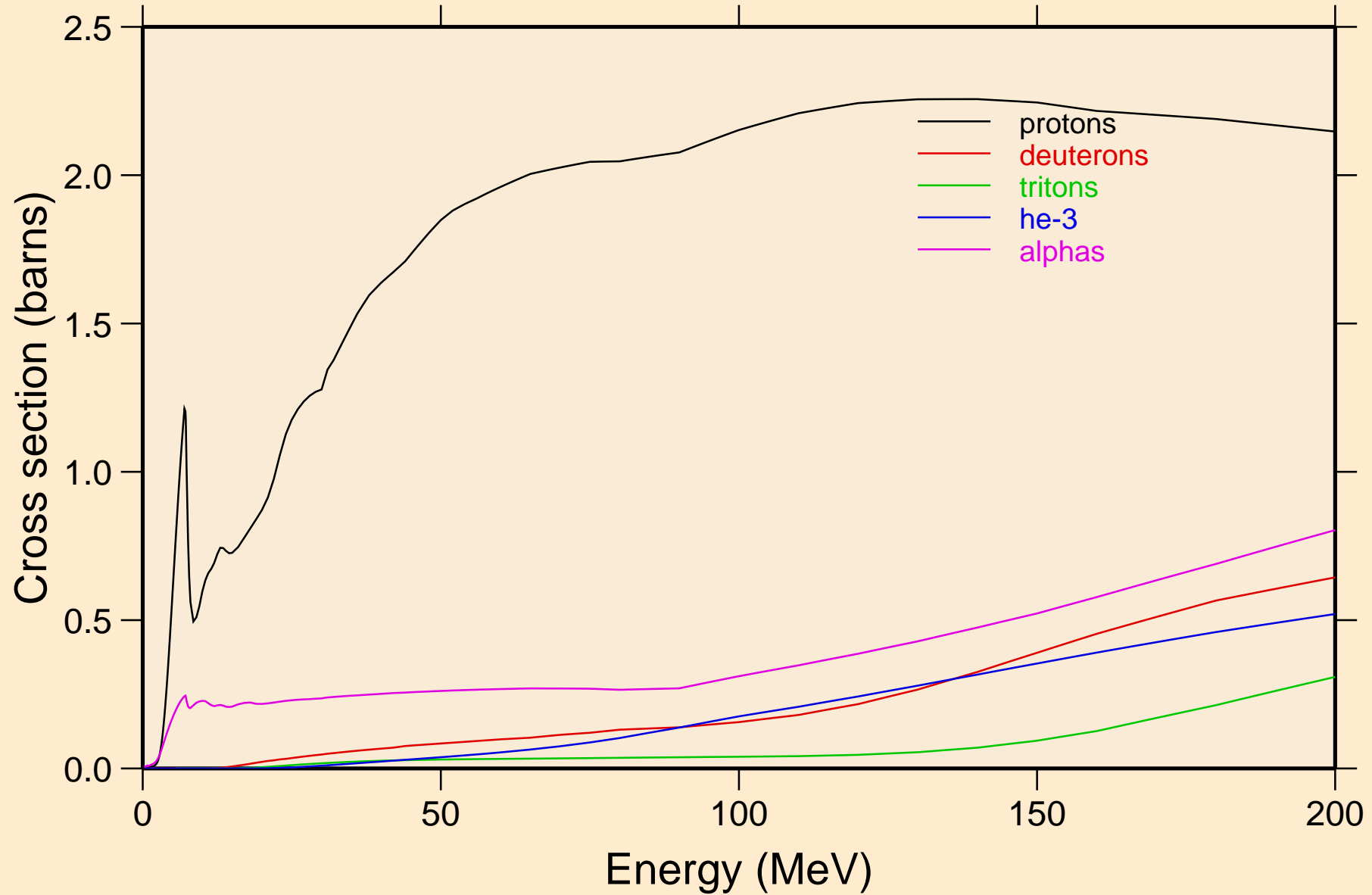


# ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

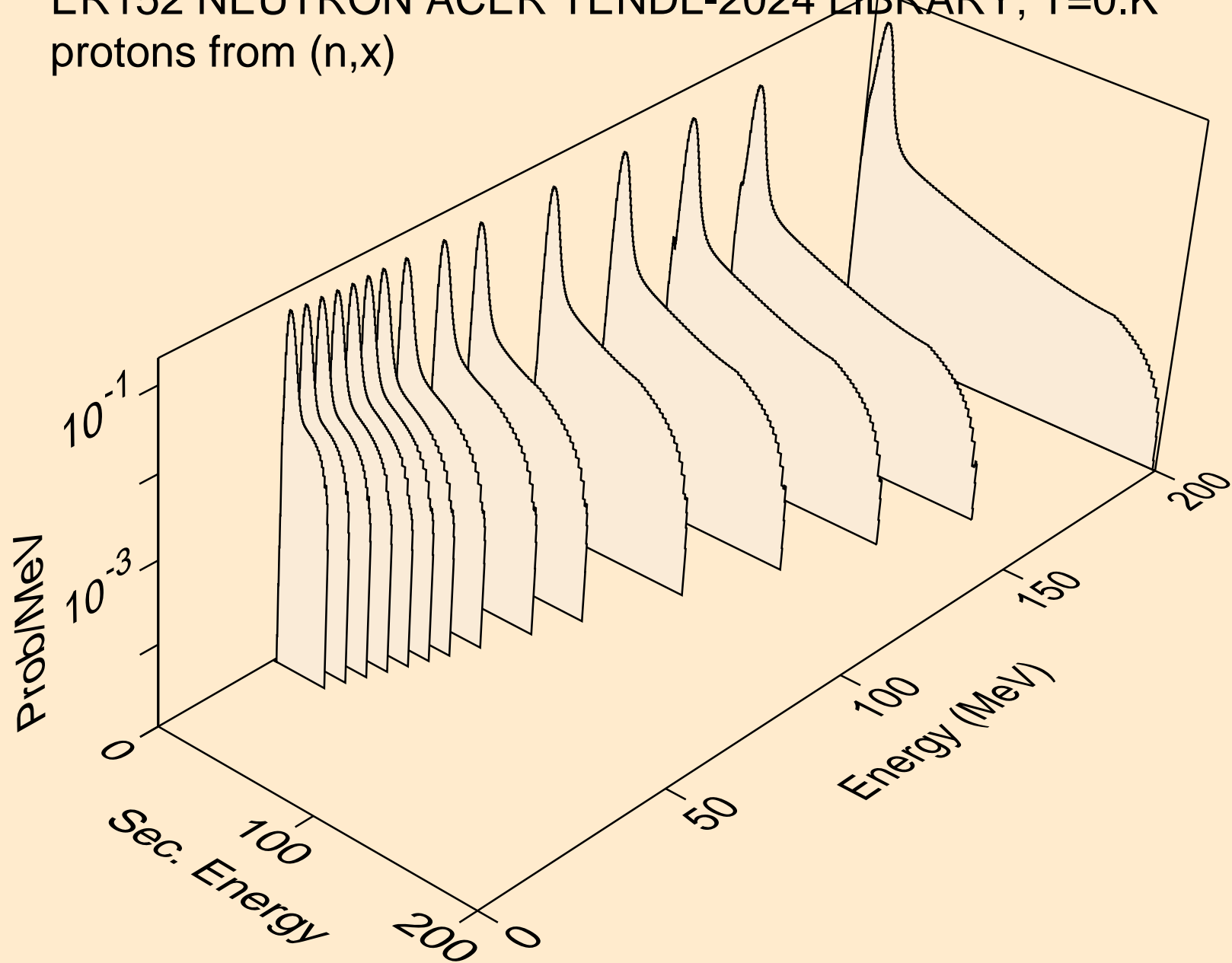
## Recoil Heating



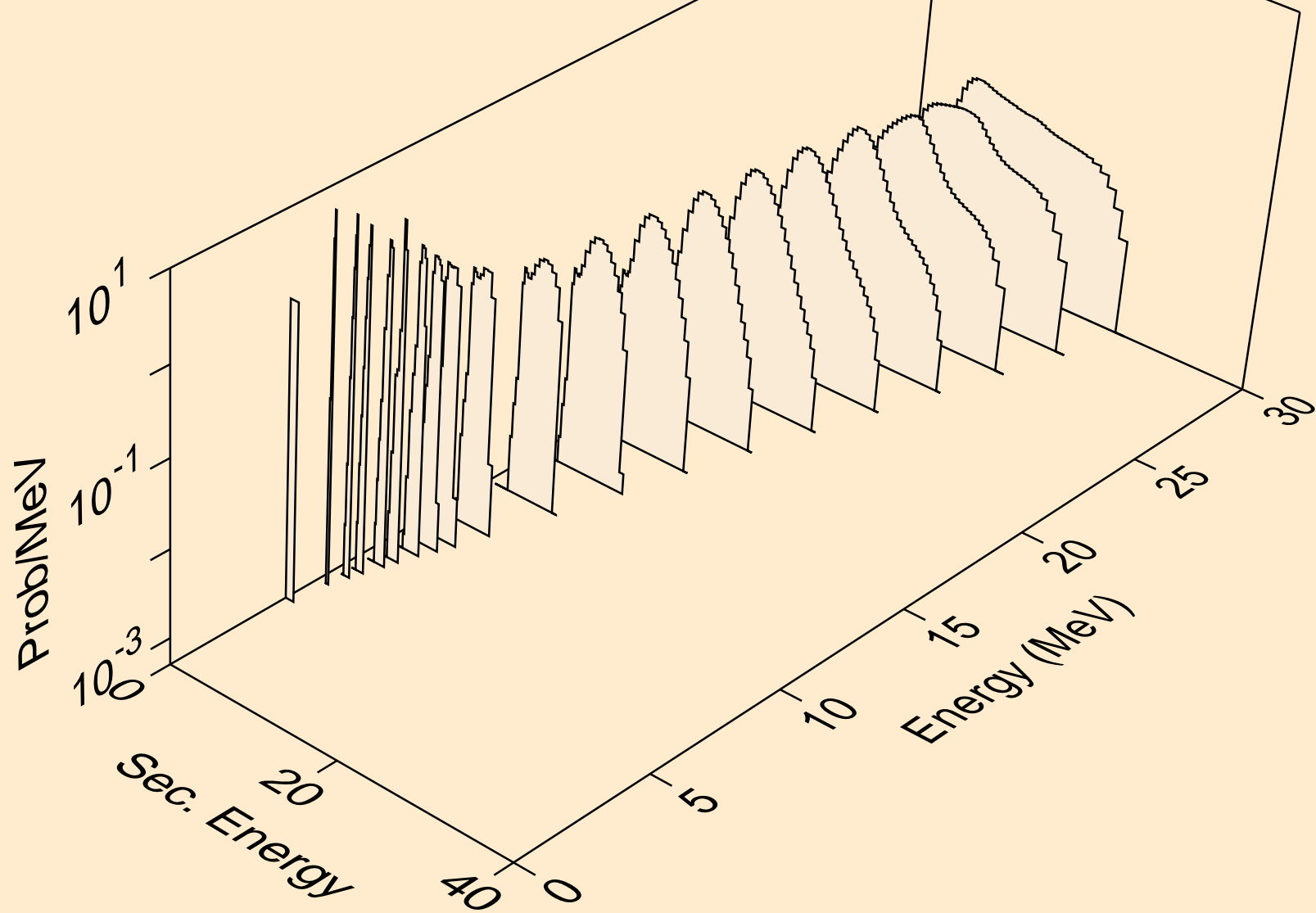
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



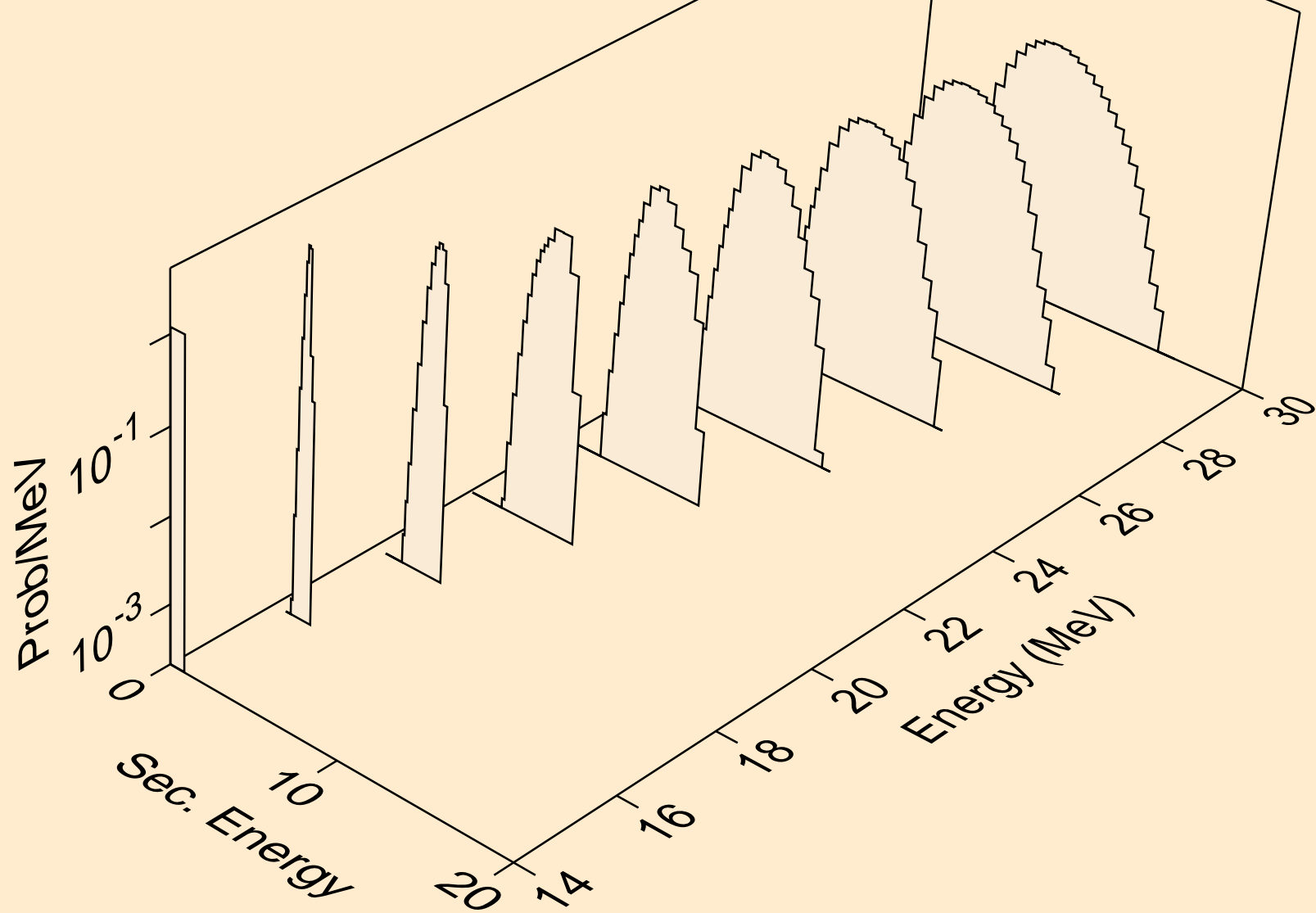
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



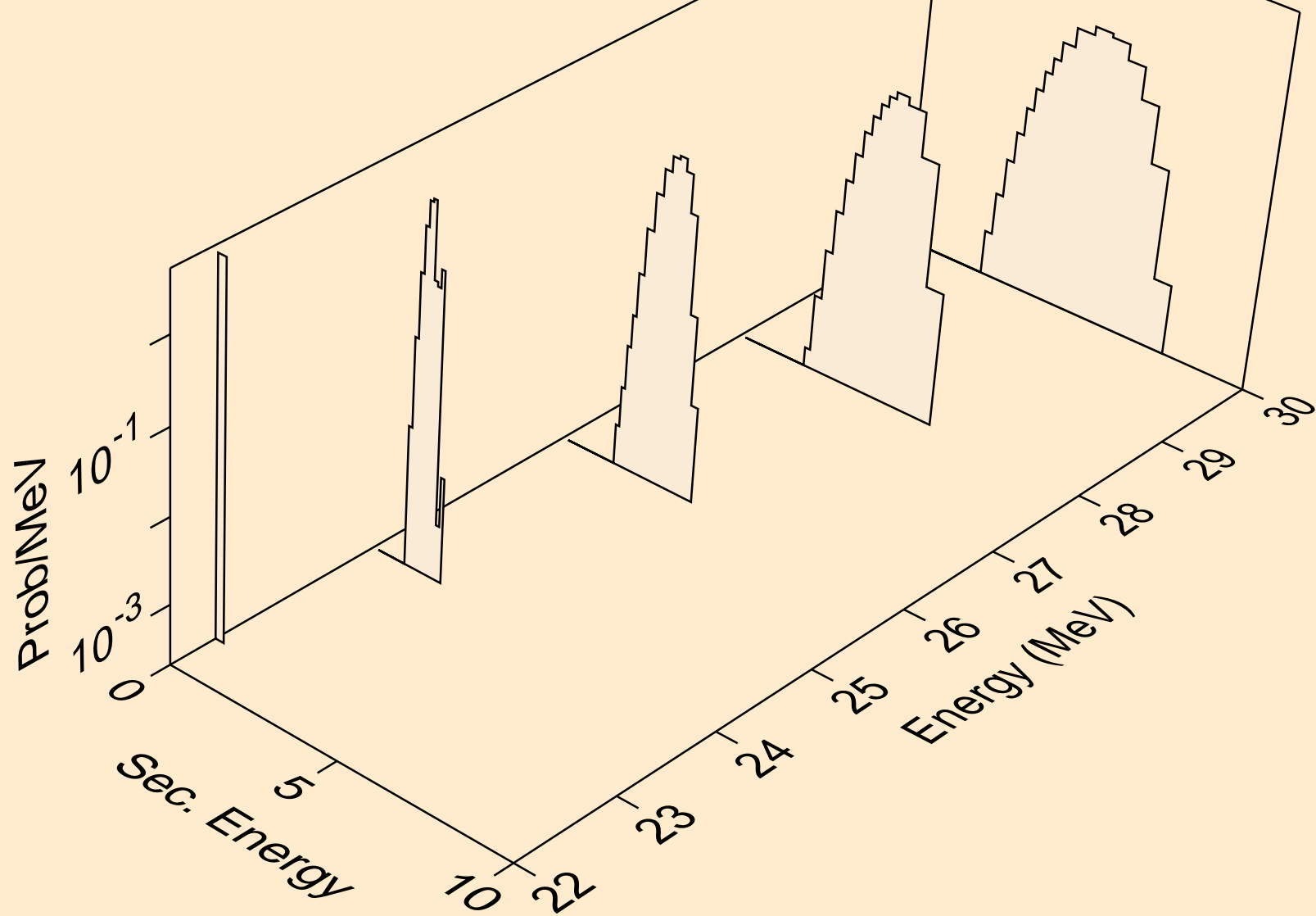
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

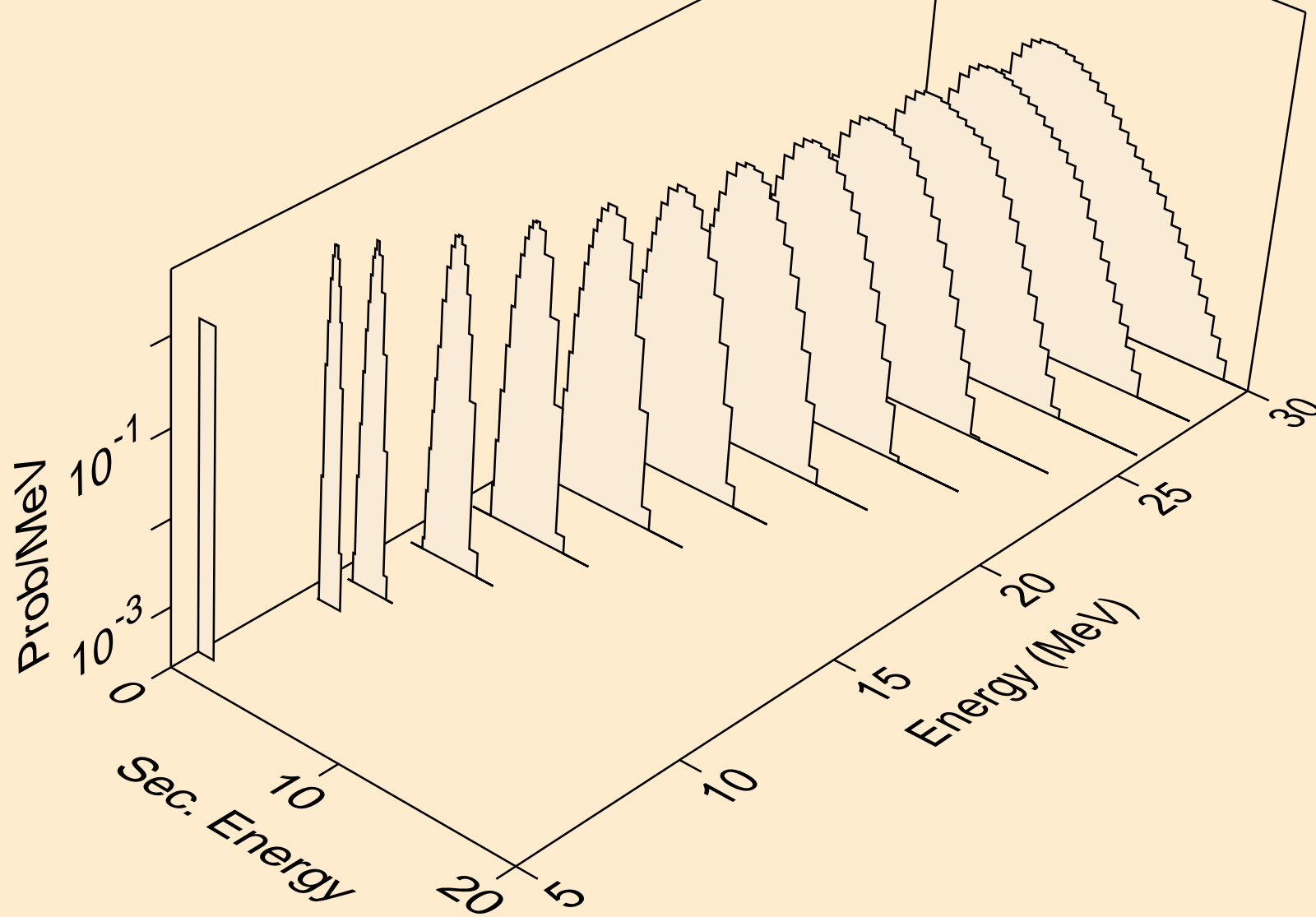


ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)

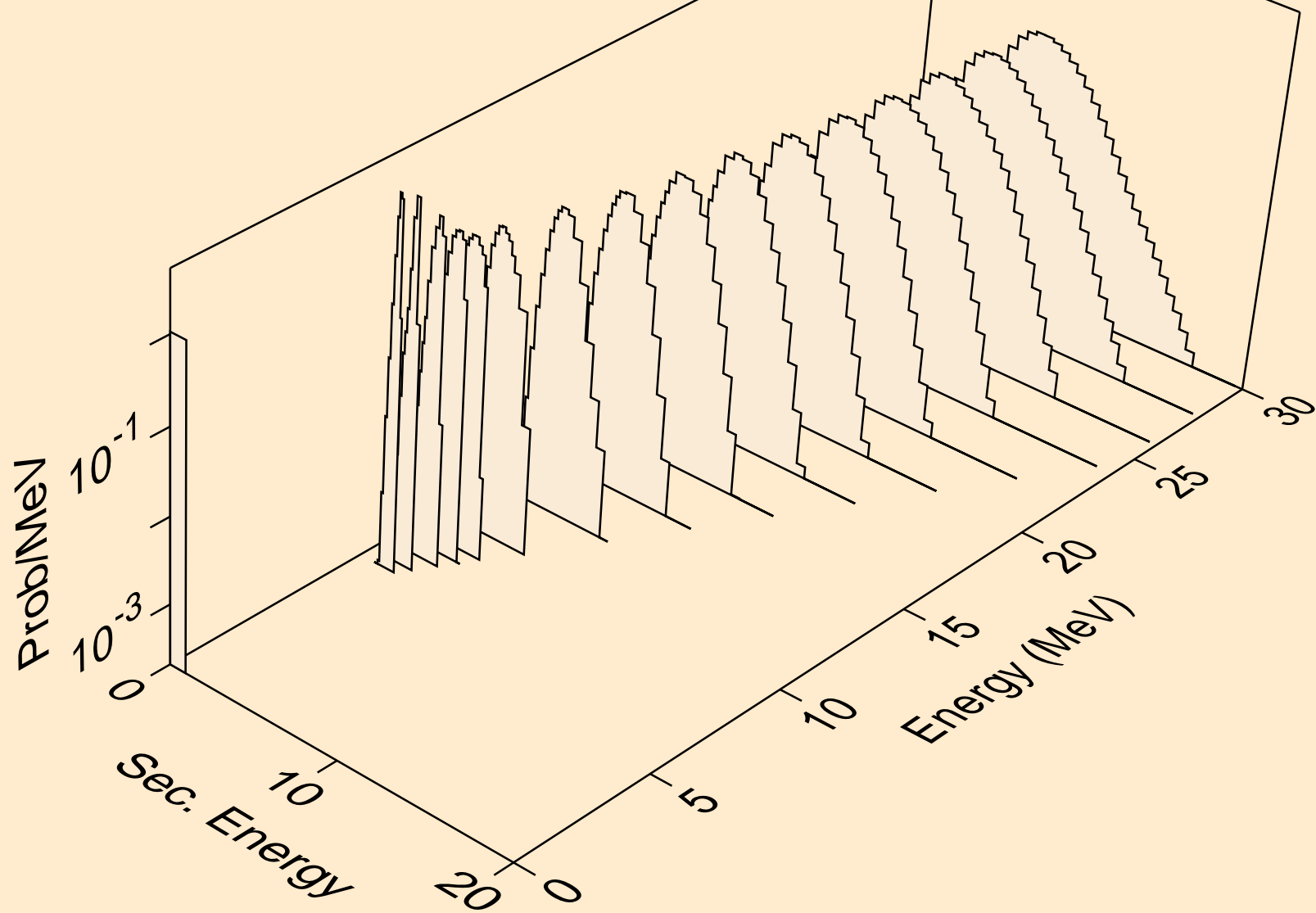




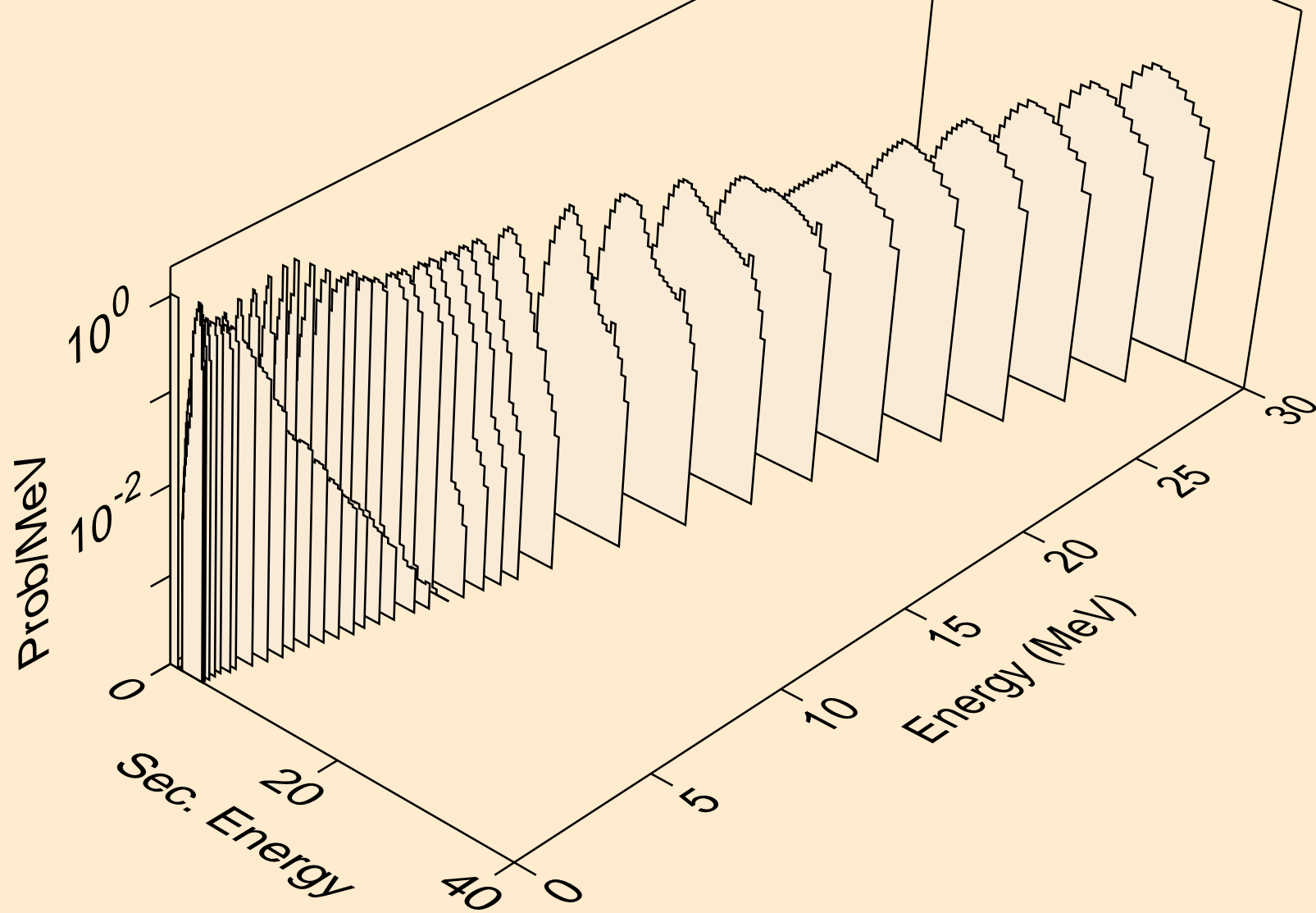
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



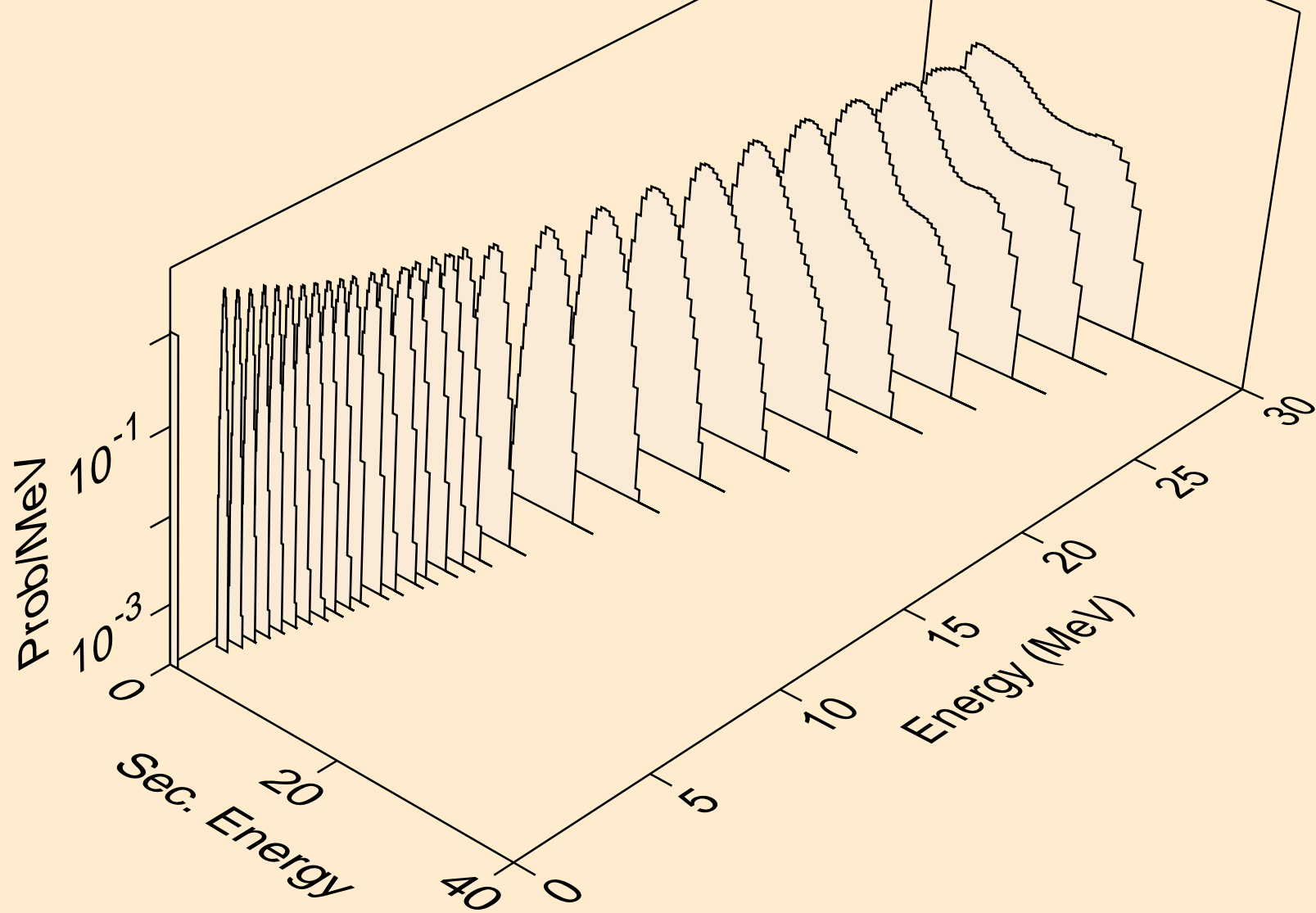
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



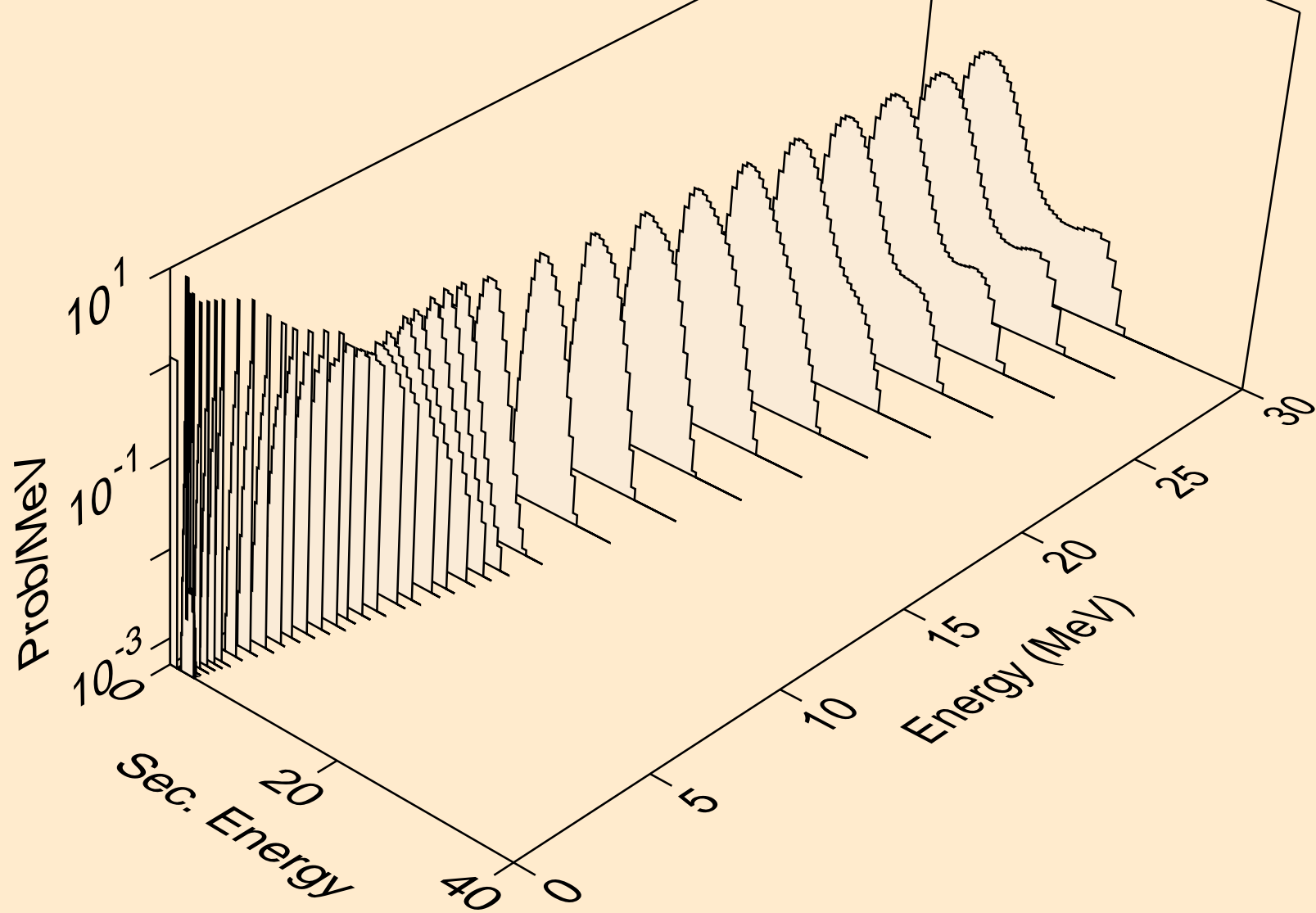
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
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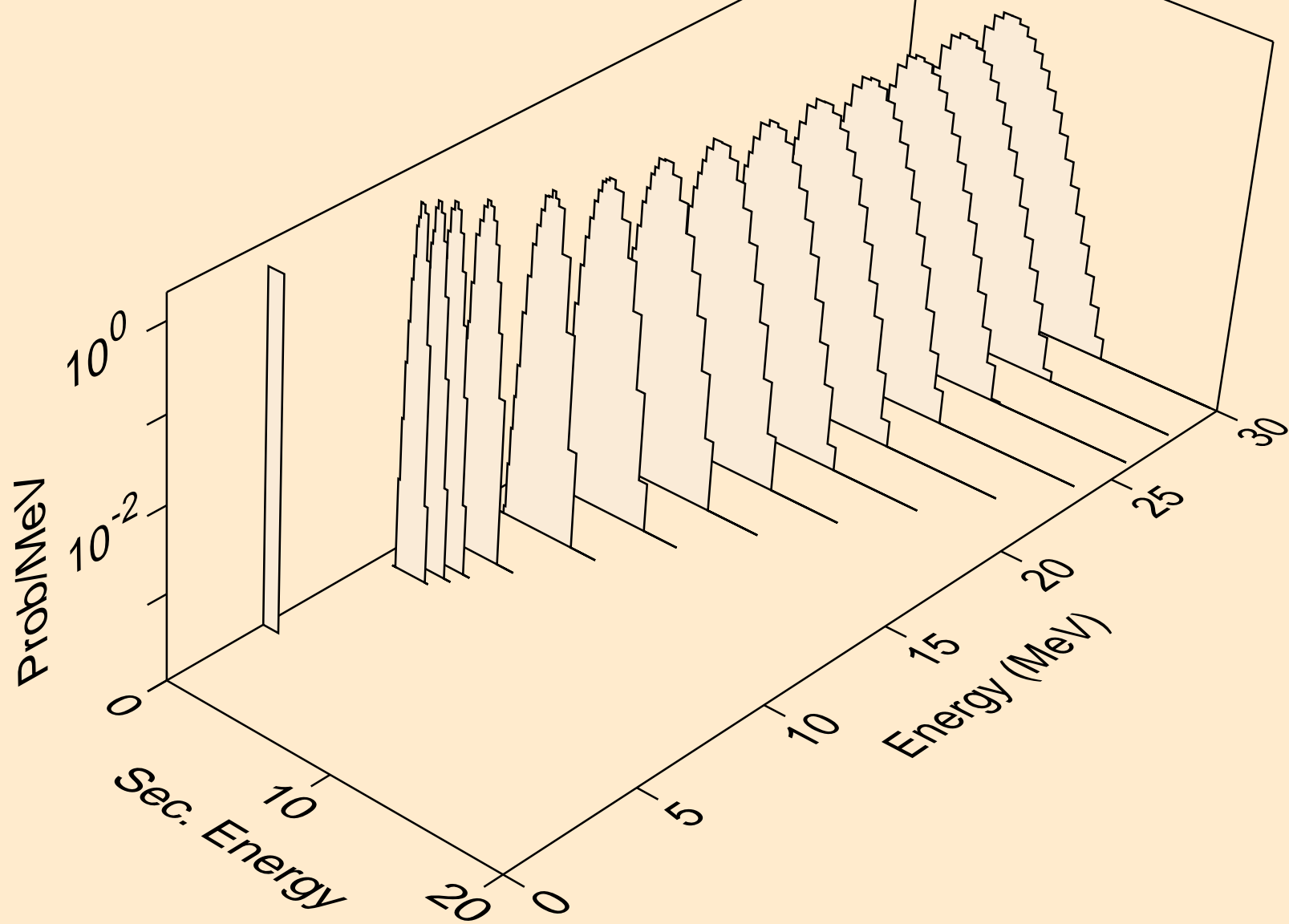
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



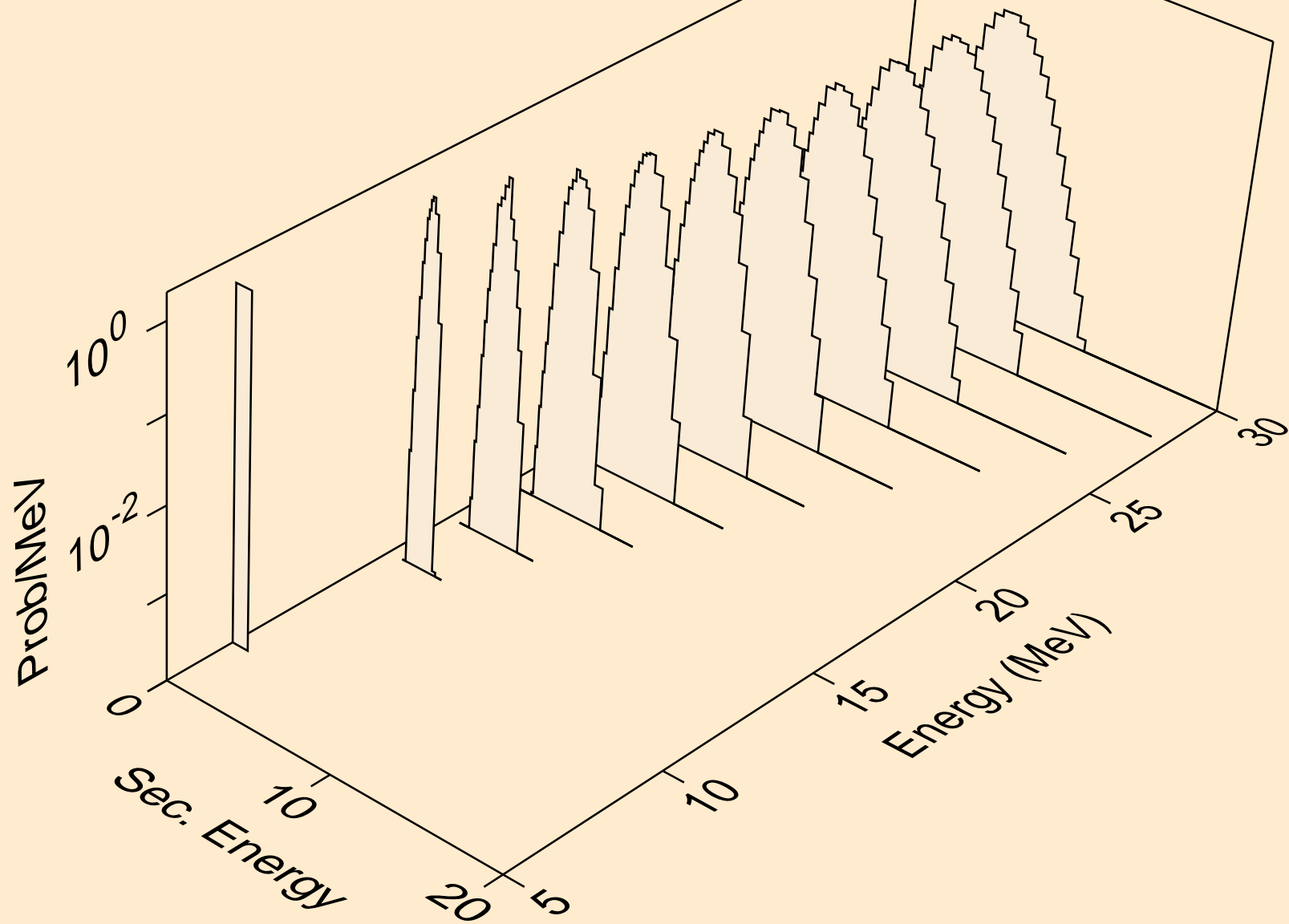
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



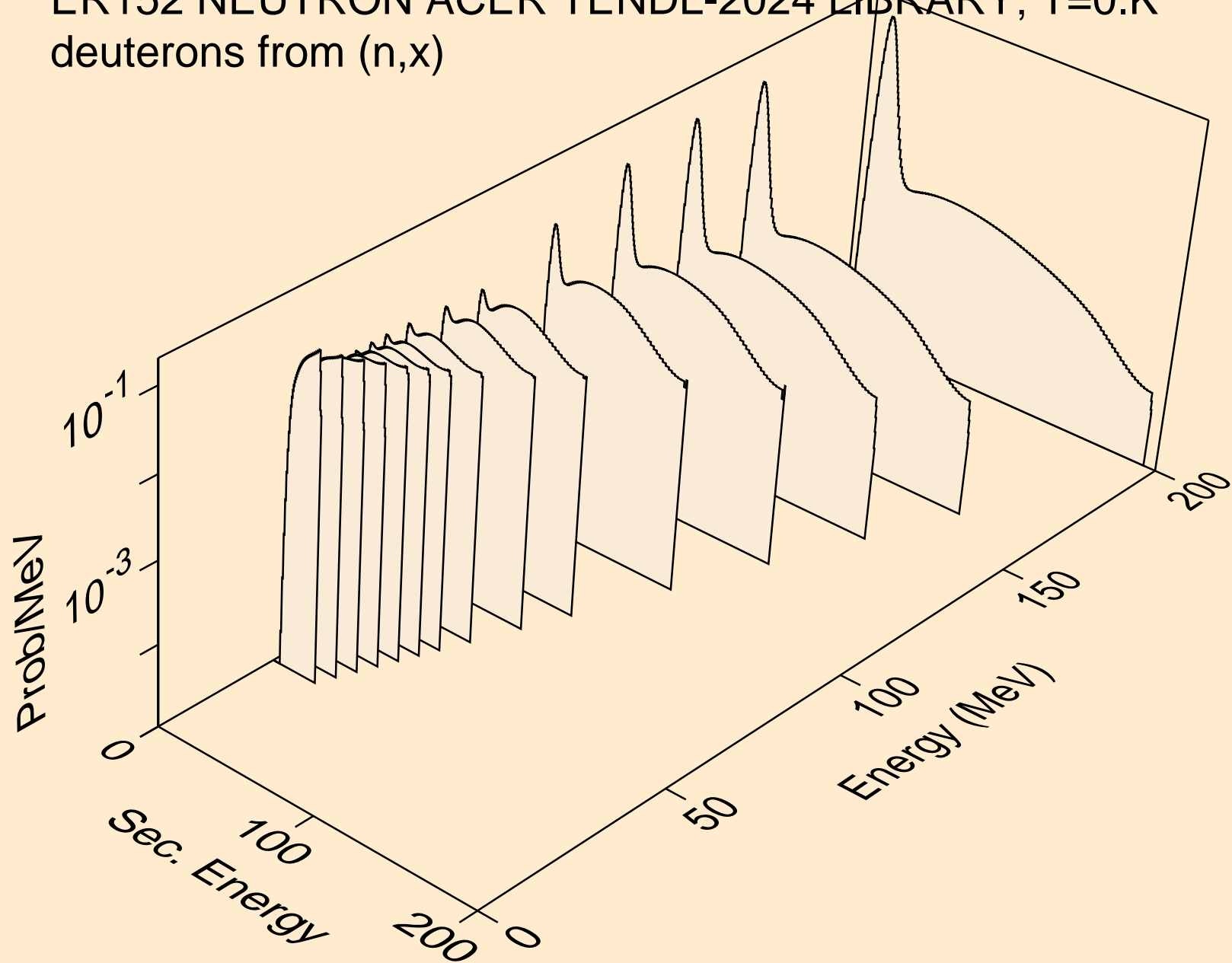
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

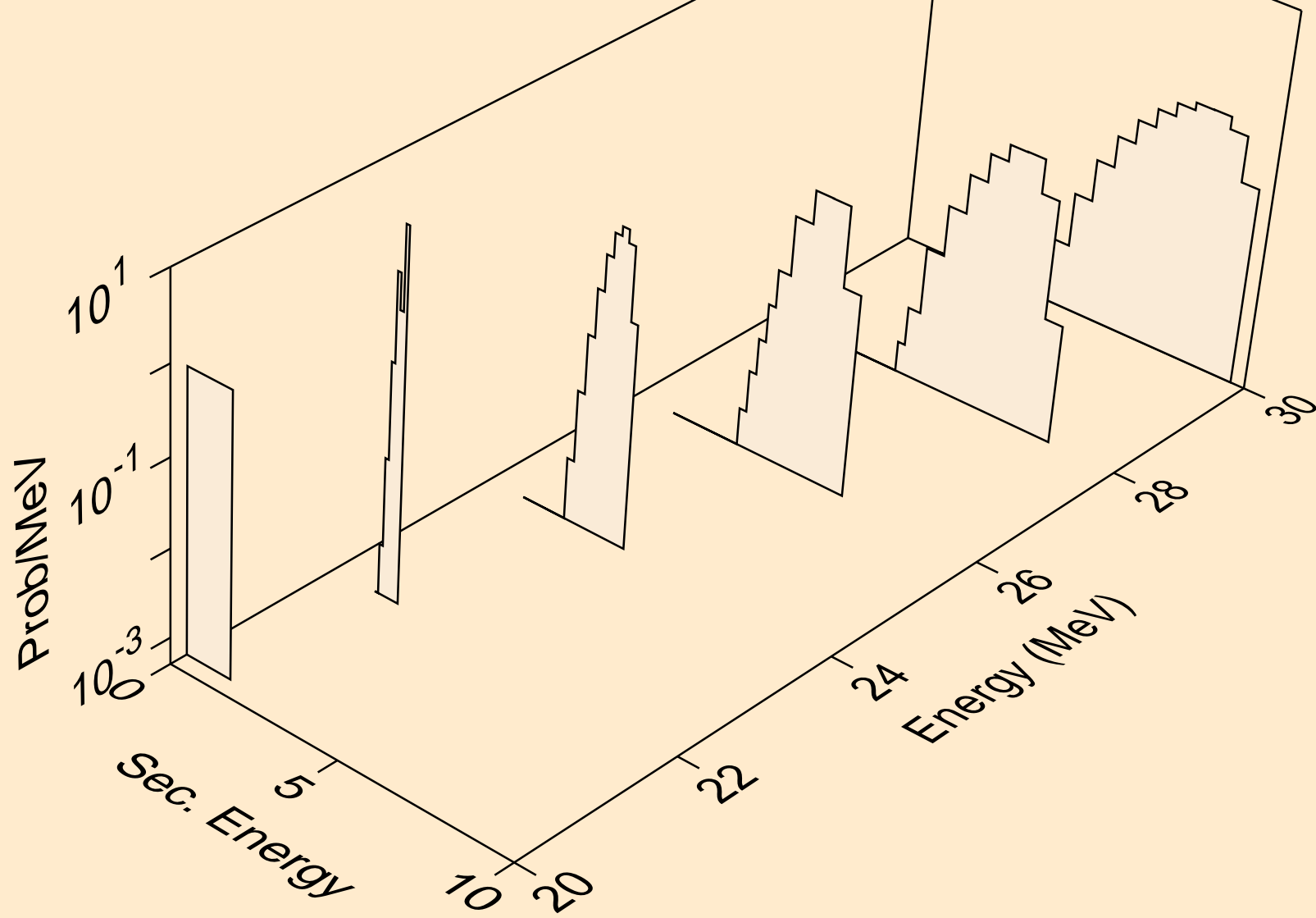


ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

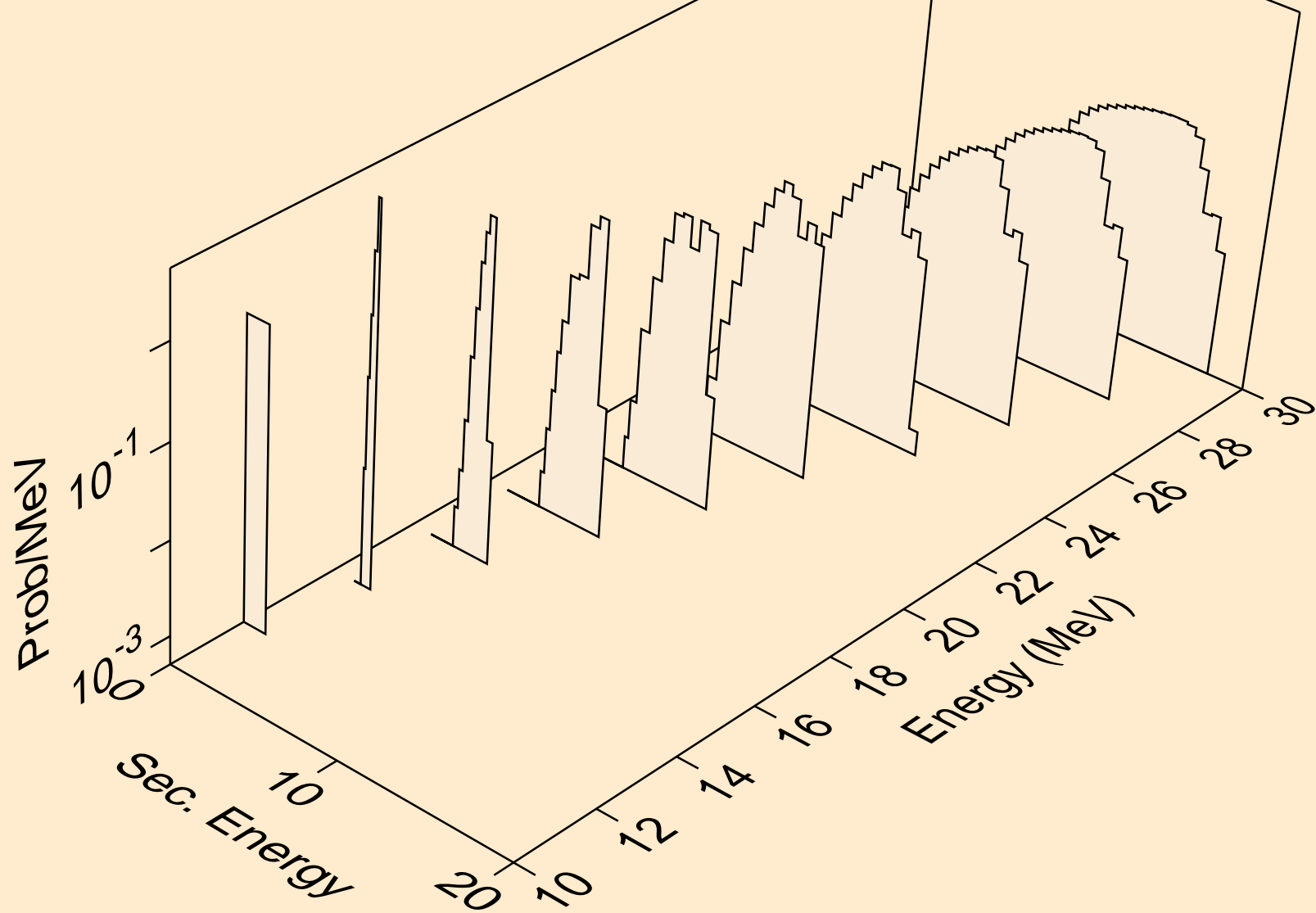




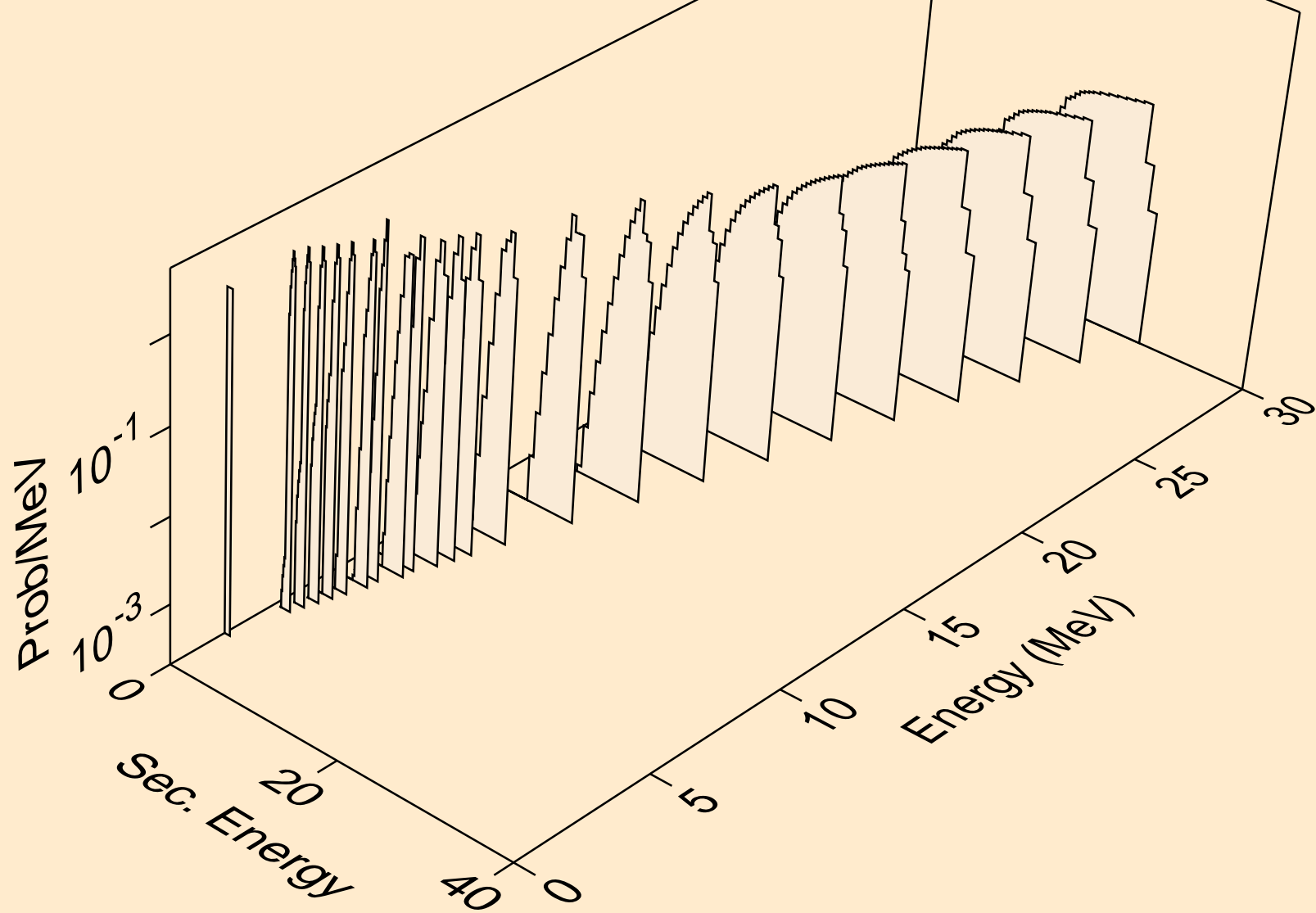
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



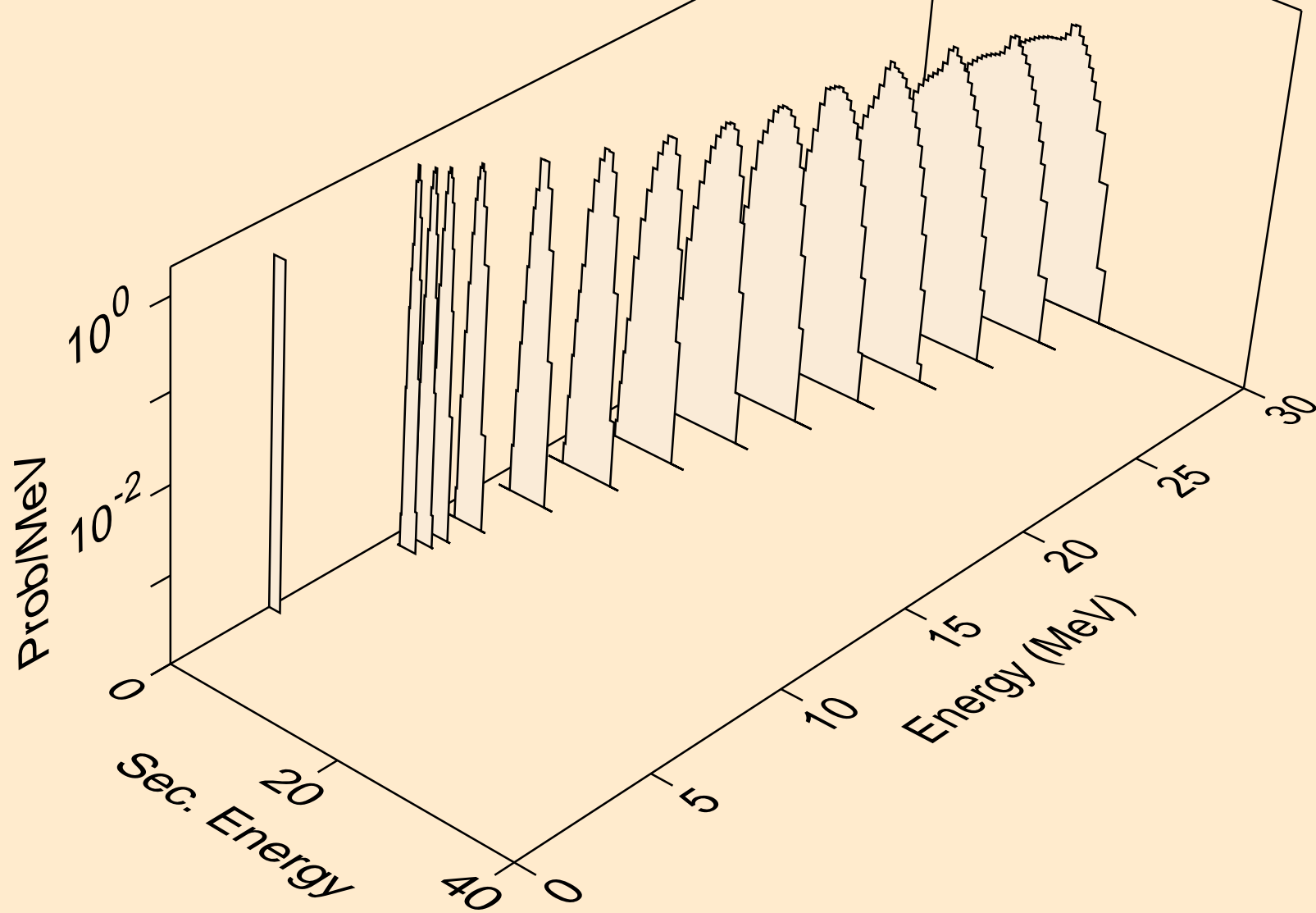
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



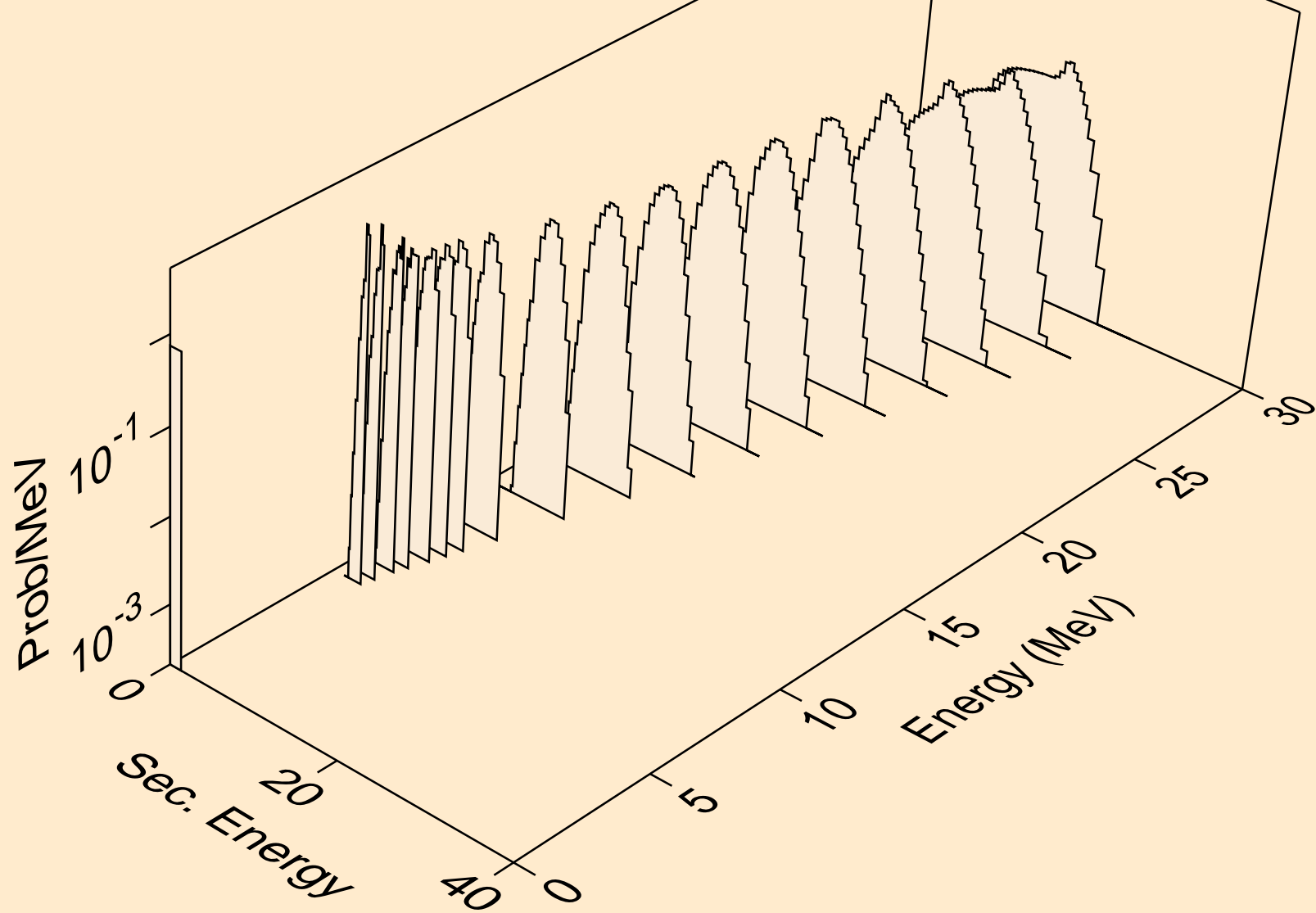
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



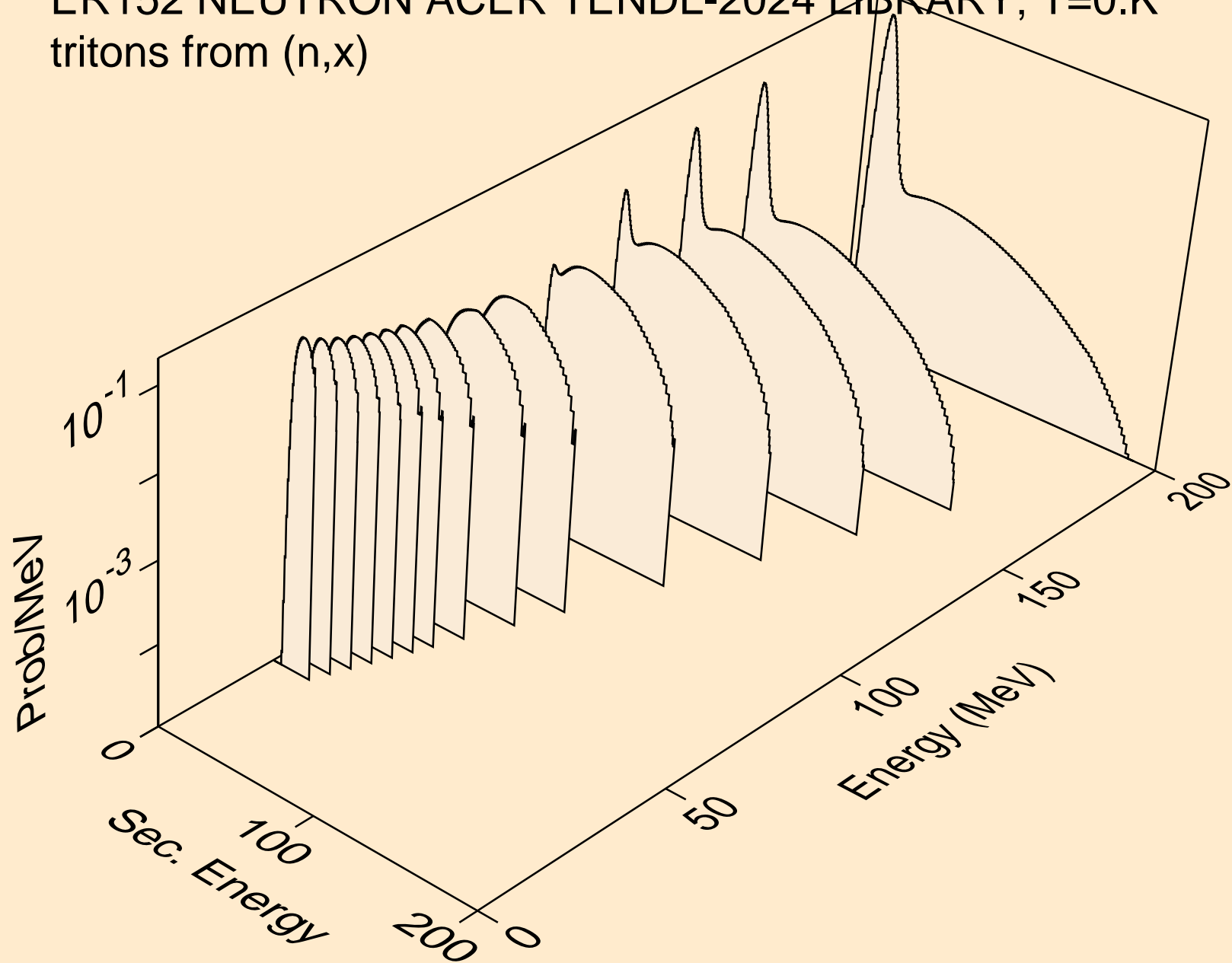
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



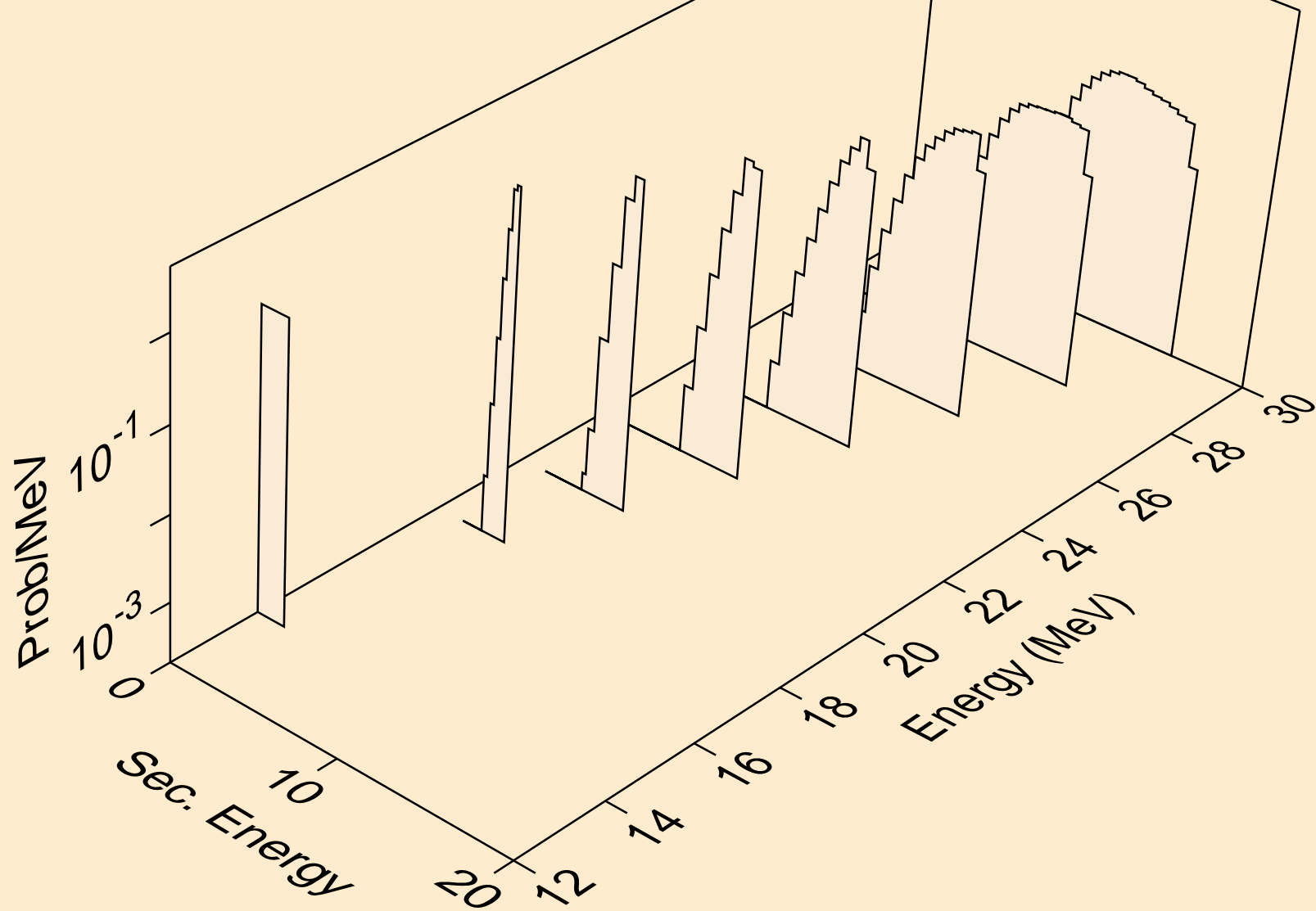
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)



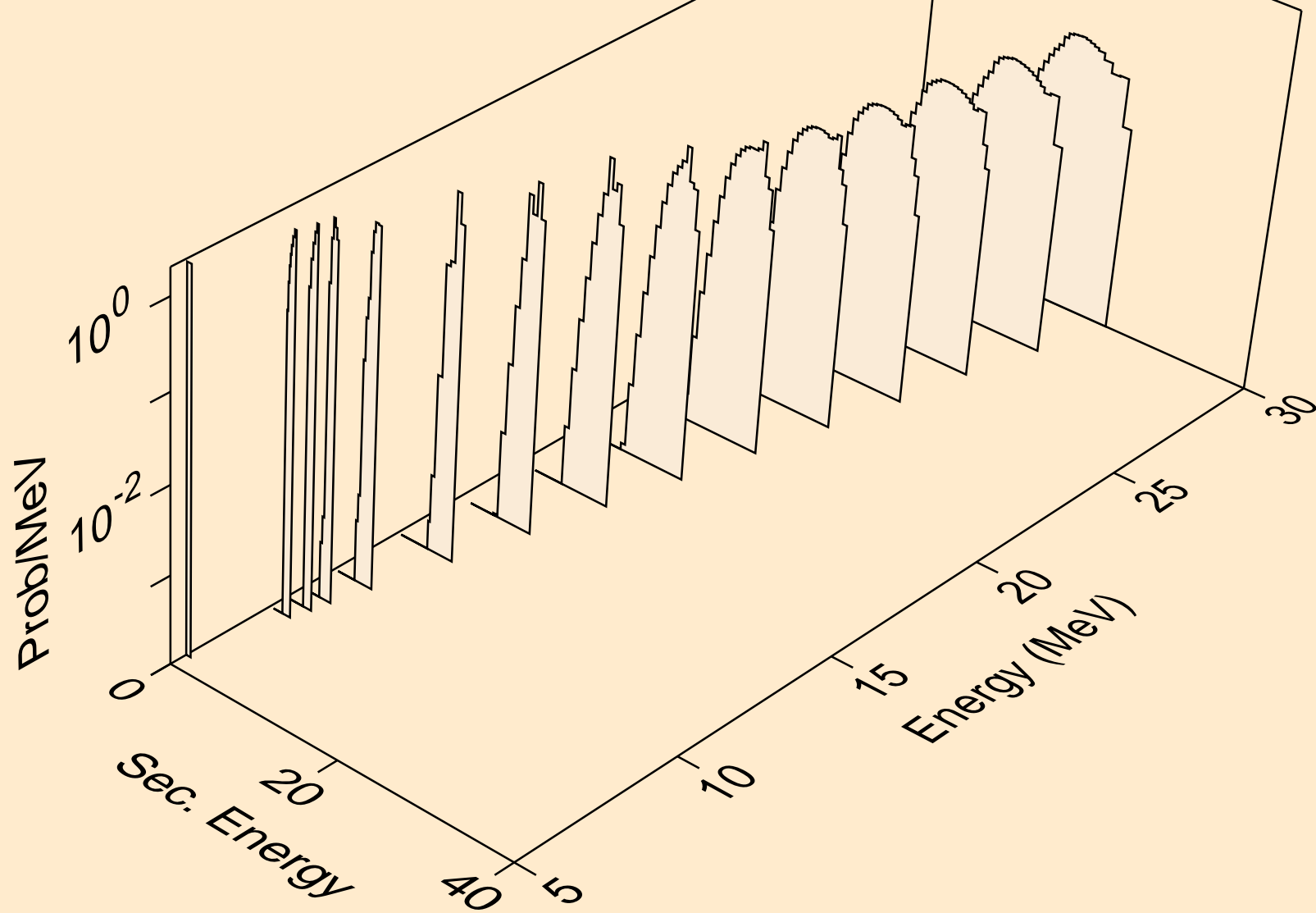
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

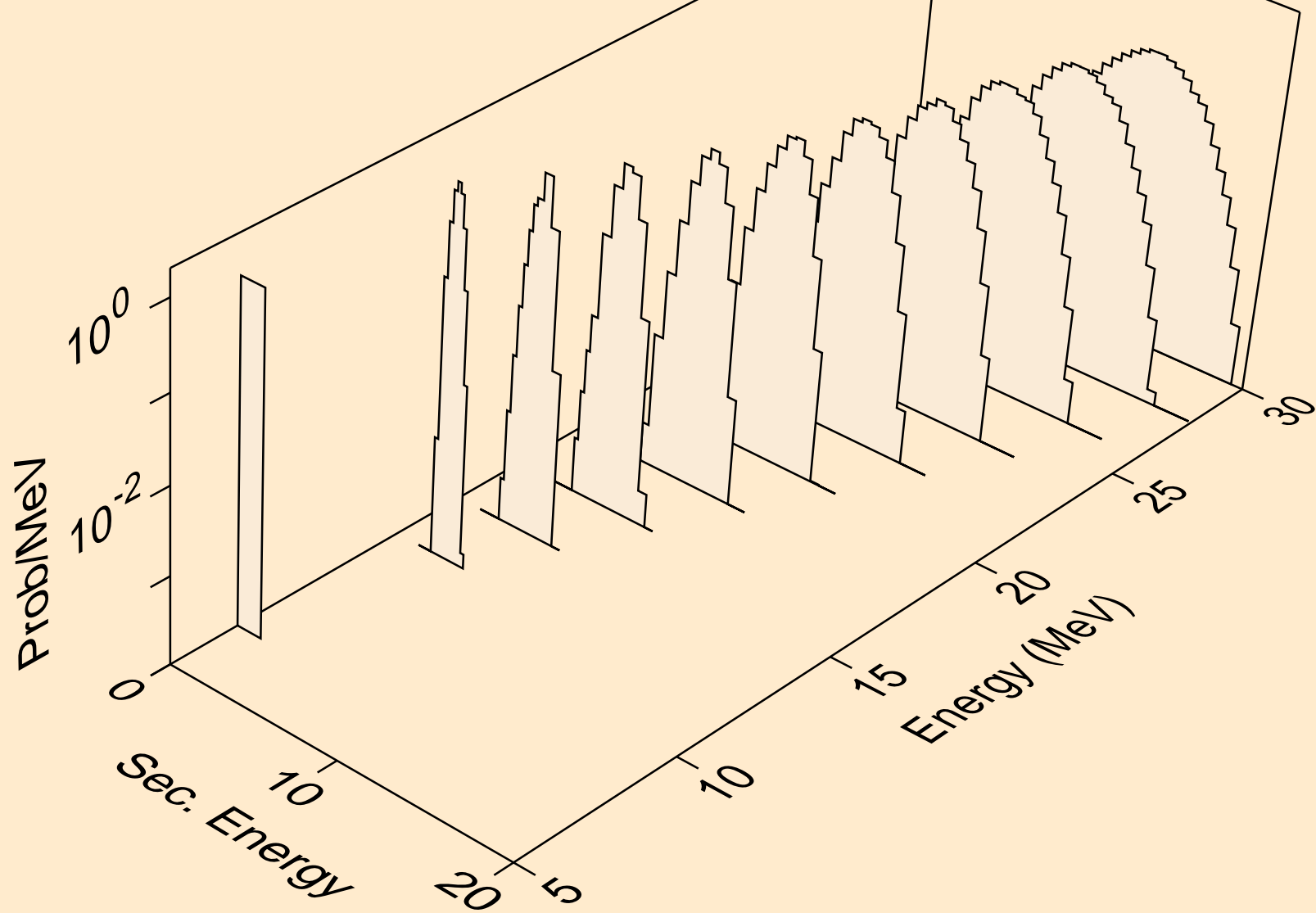


ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

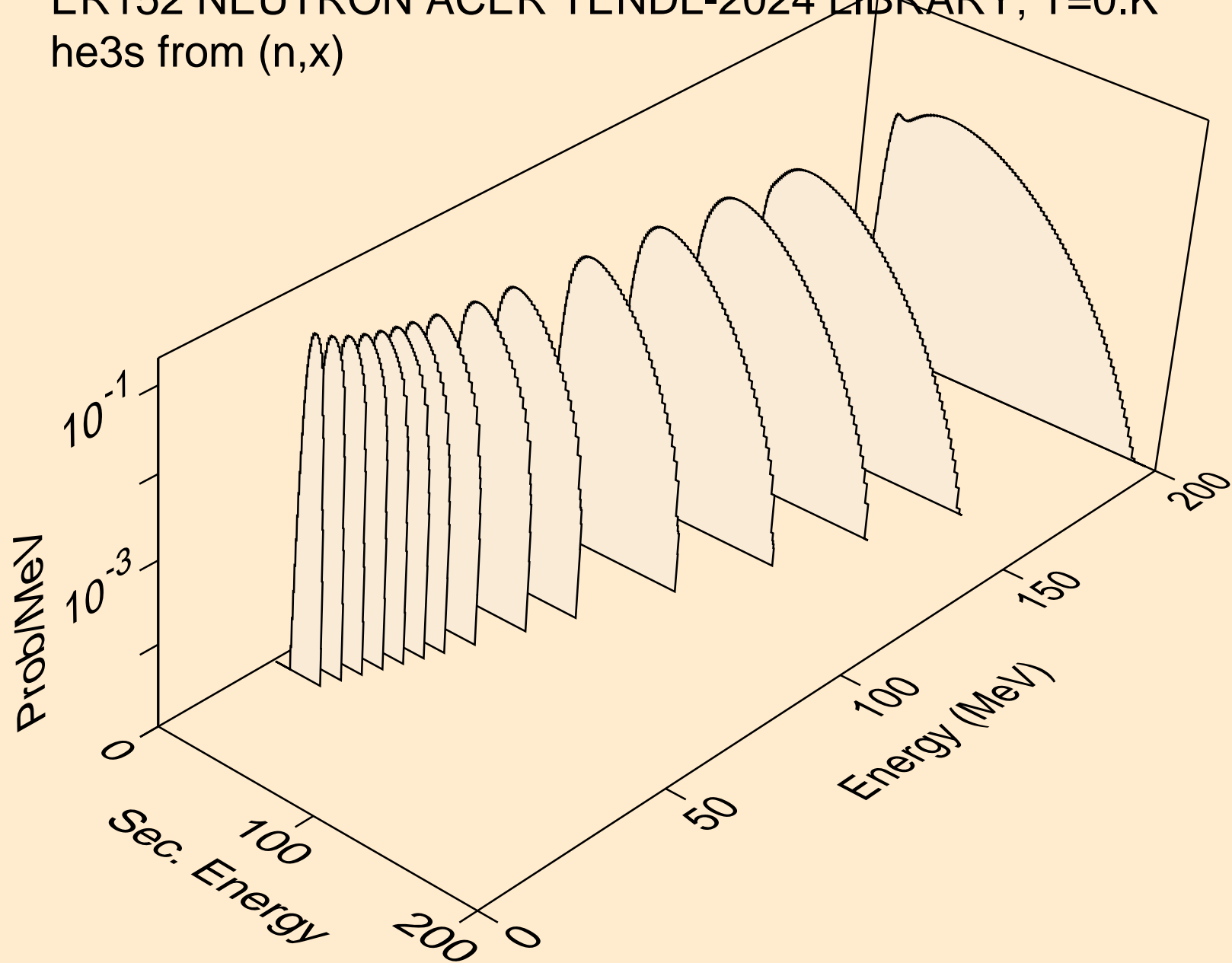




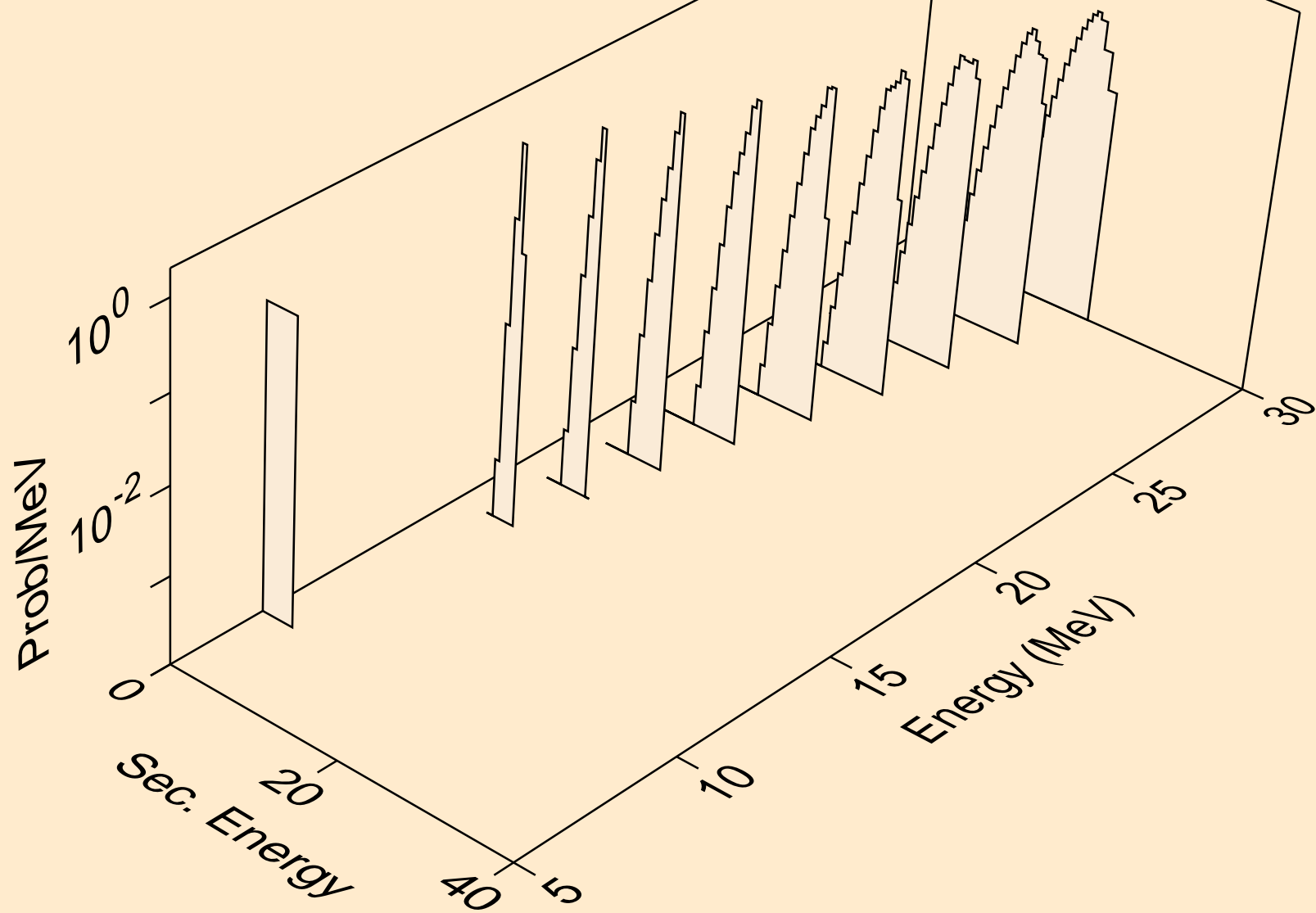
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



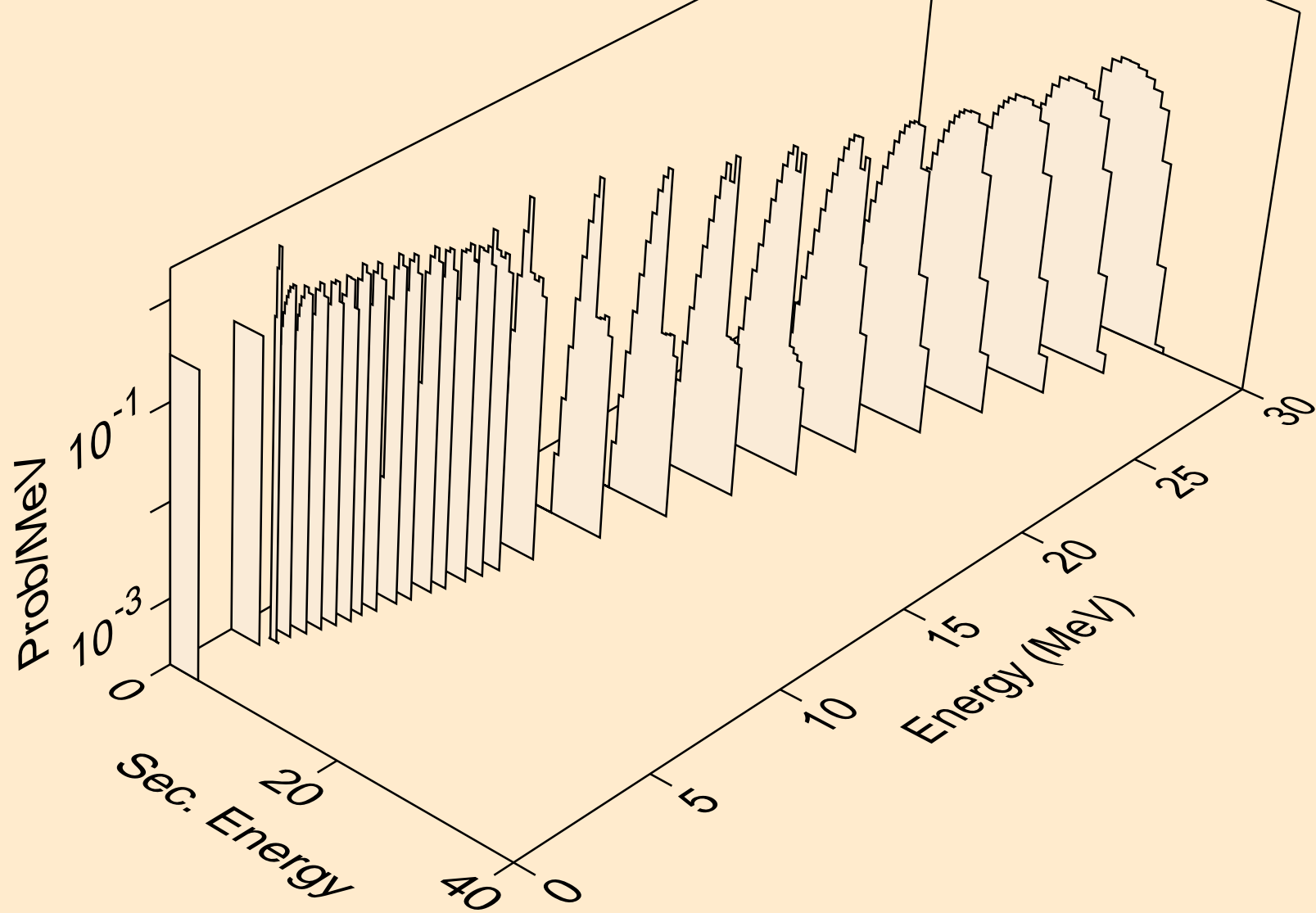
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



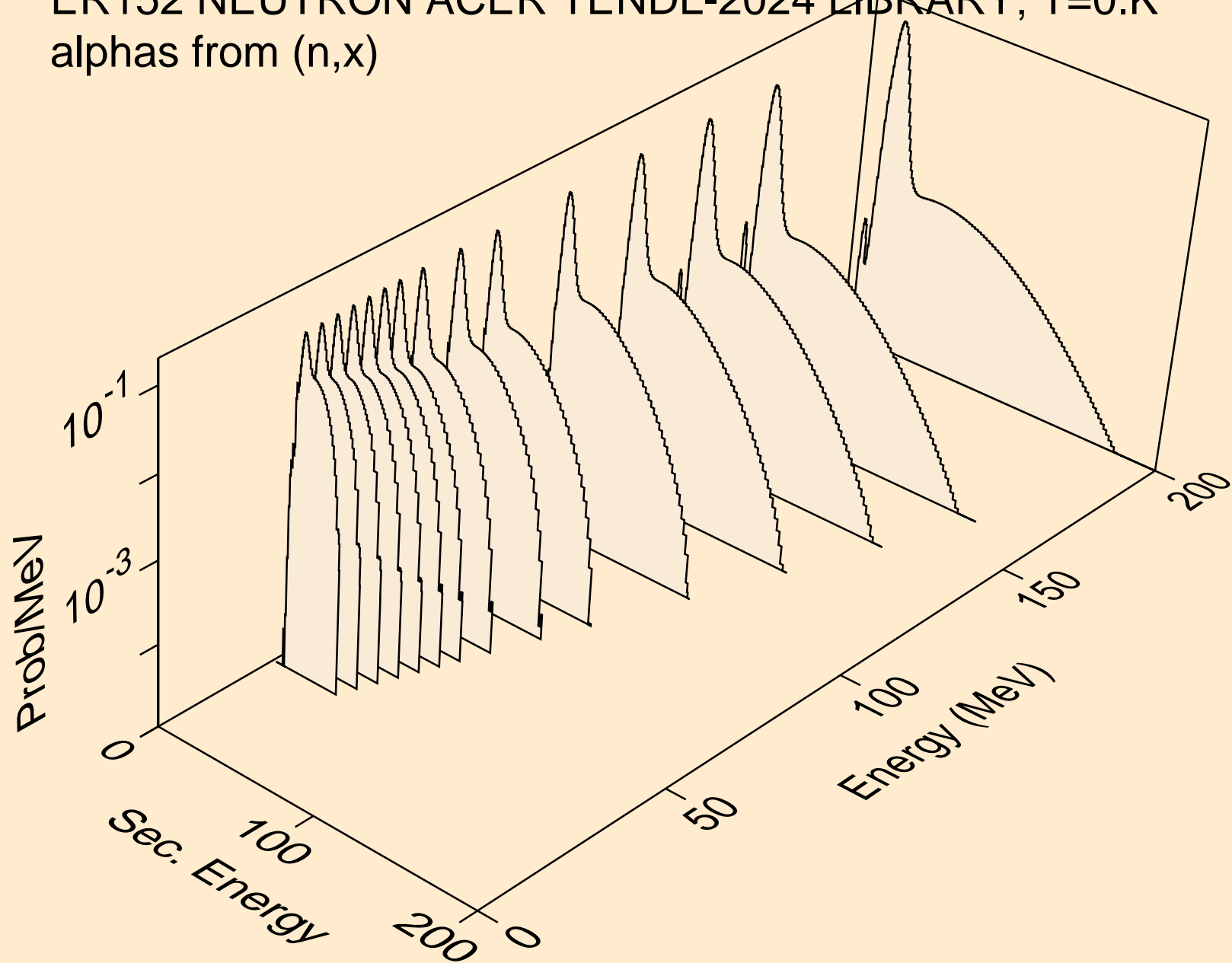
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



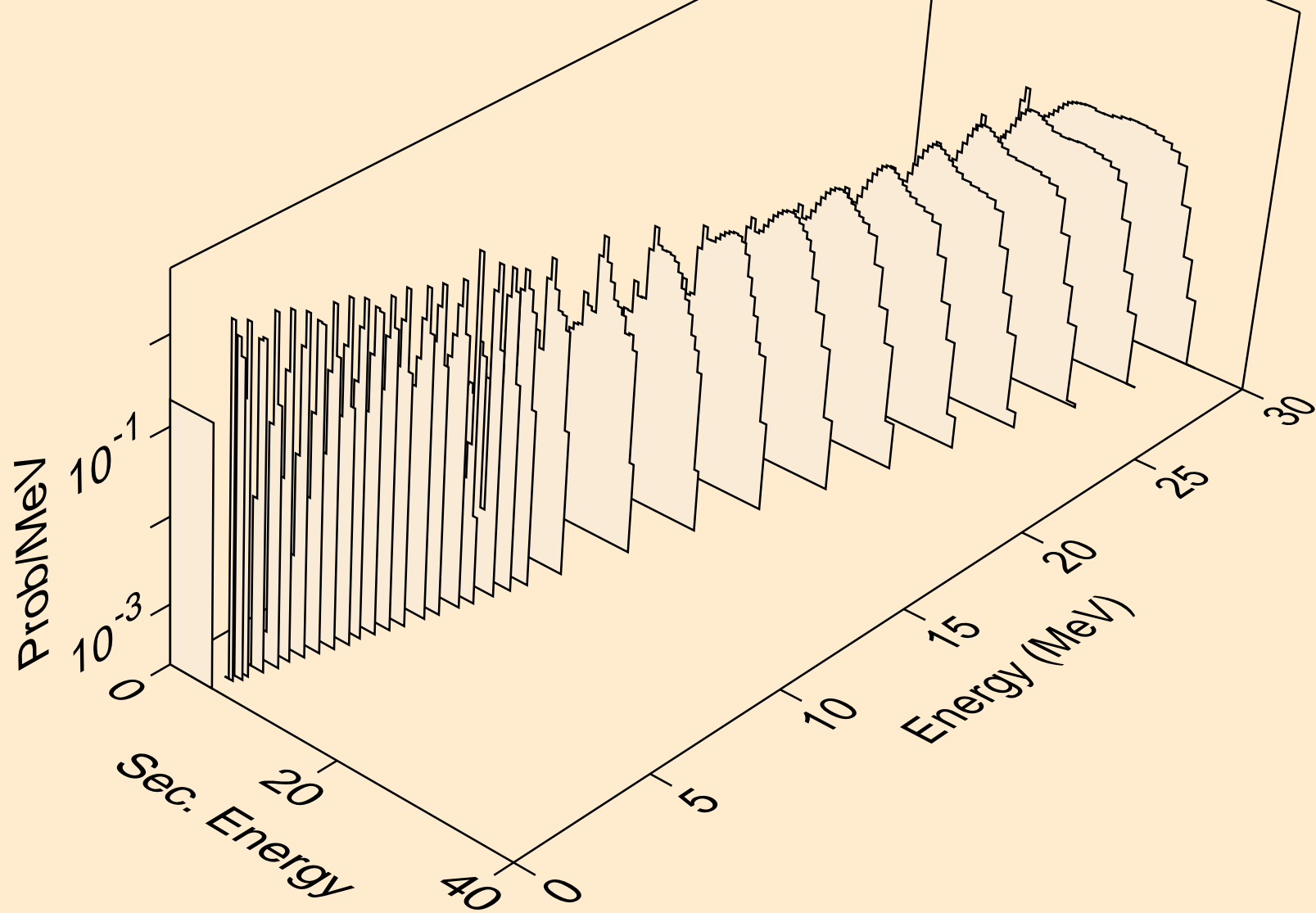
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



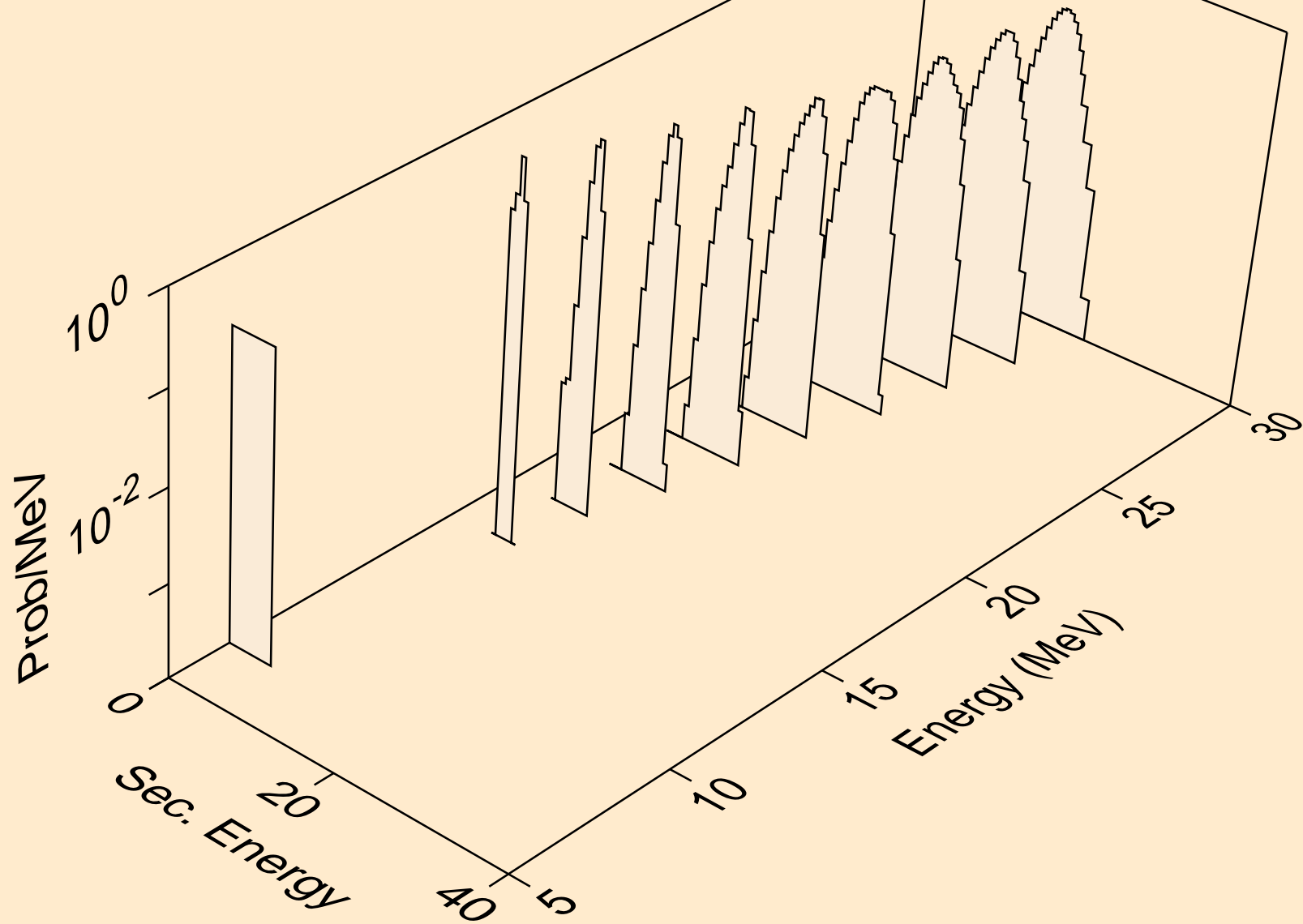
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



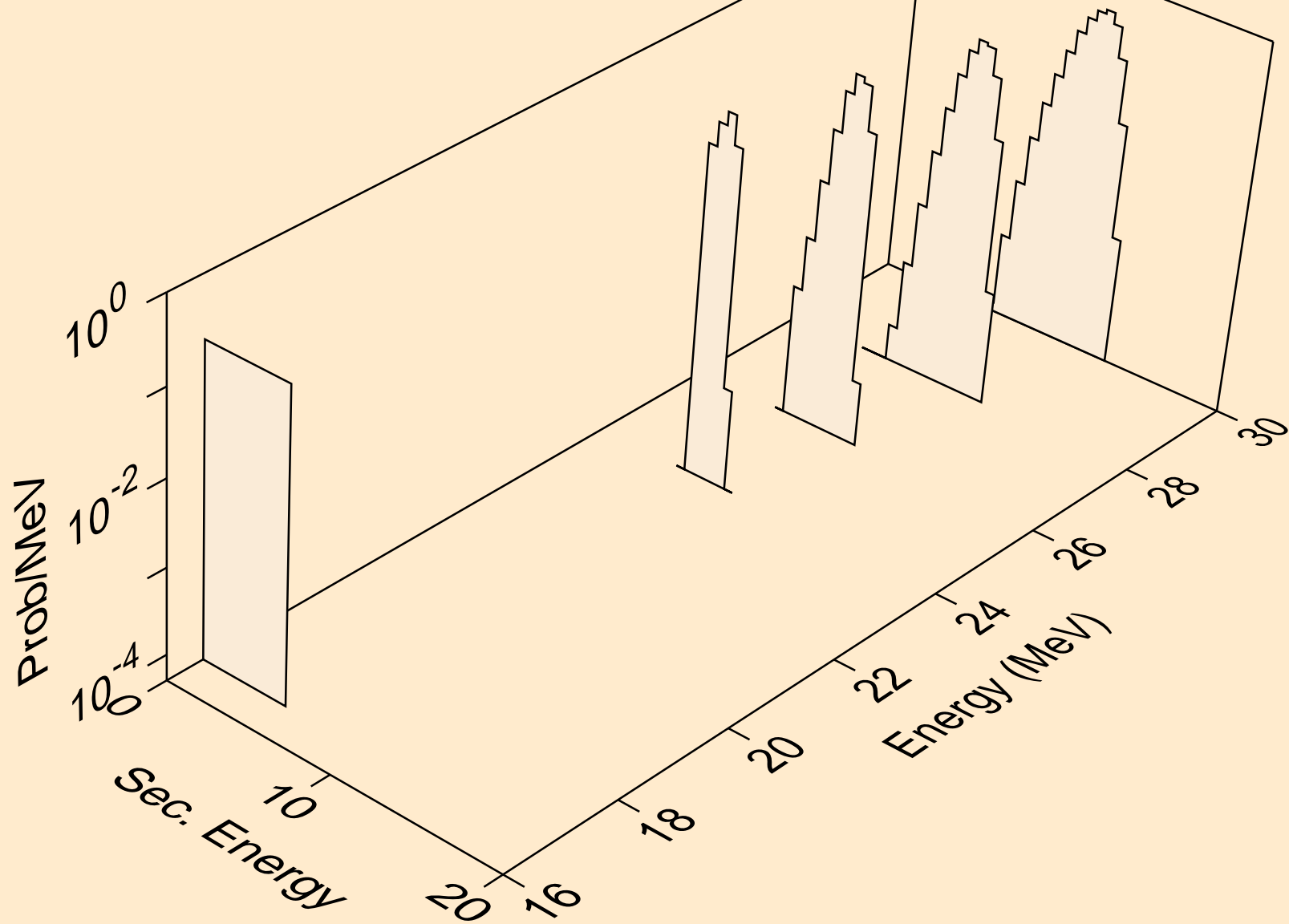
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

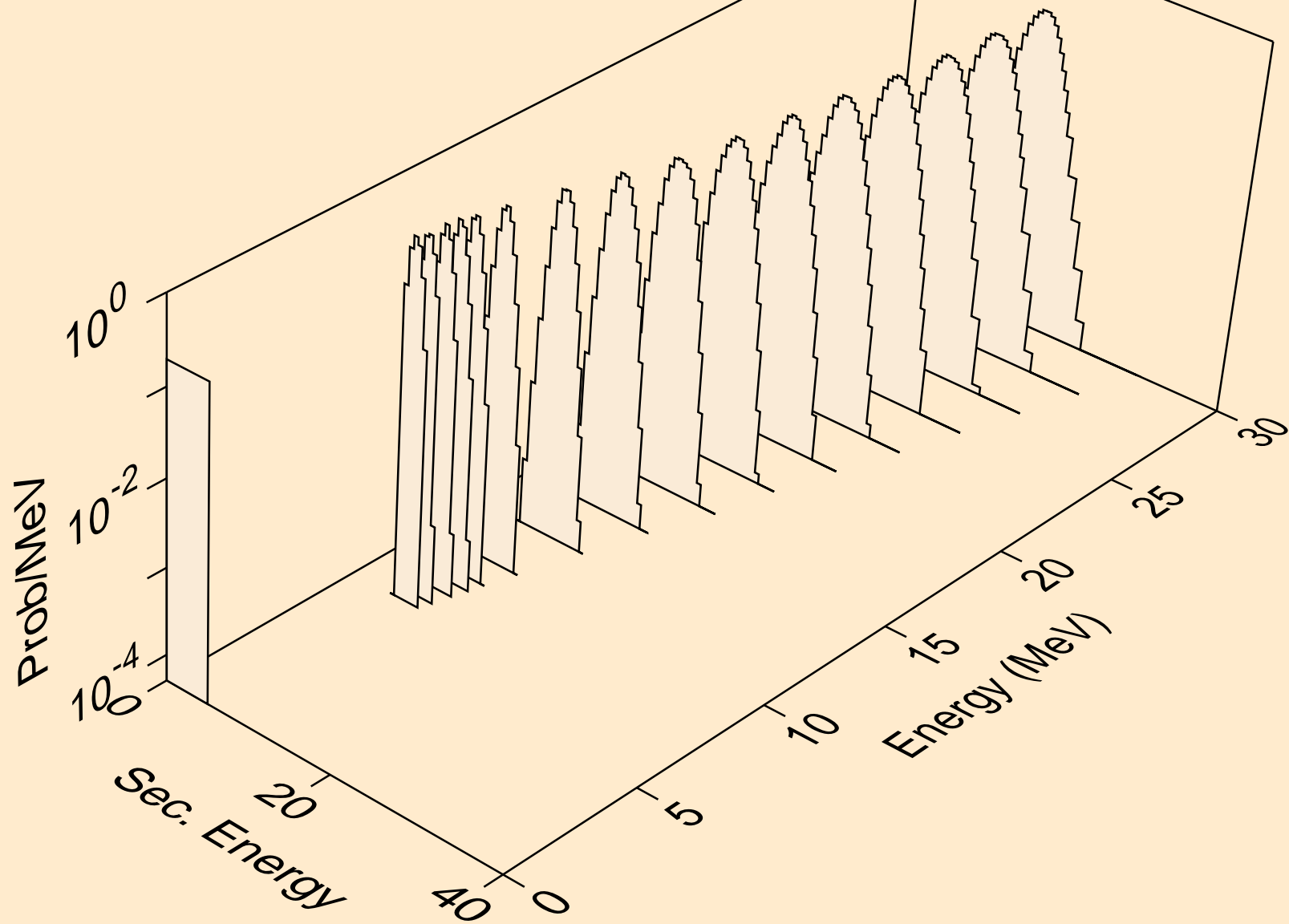


ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a

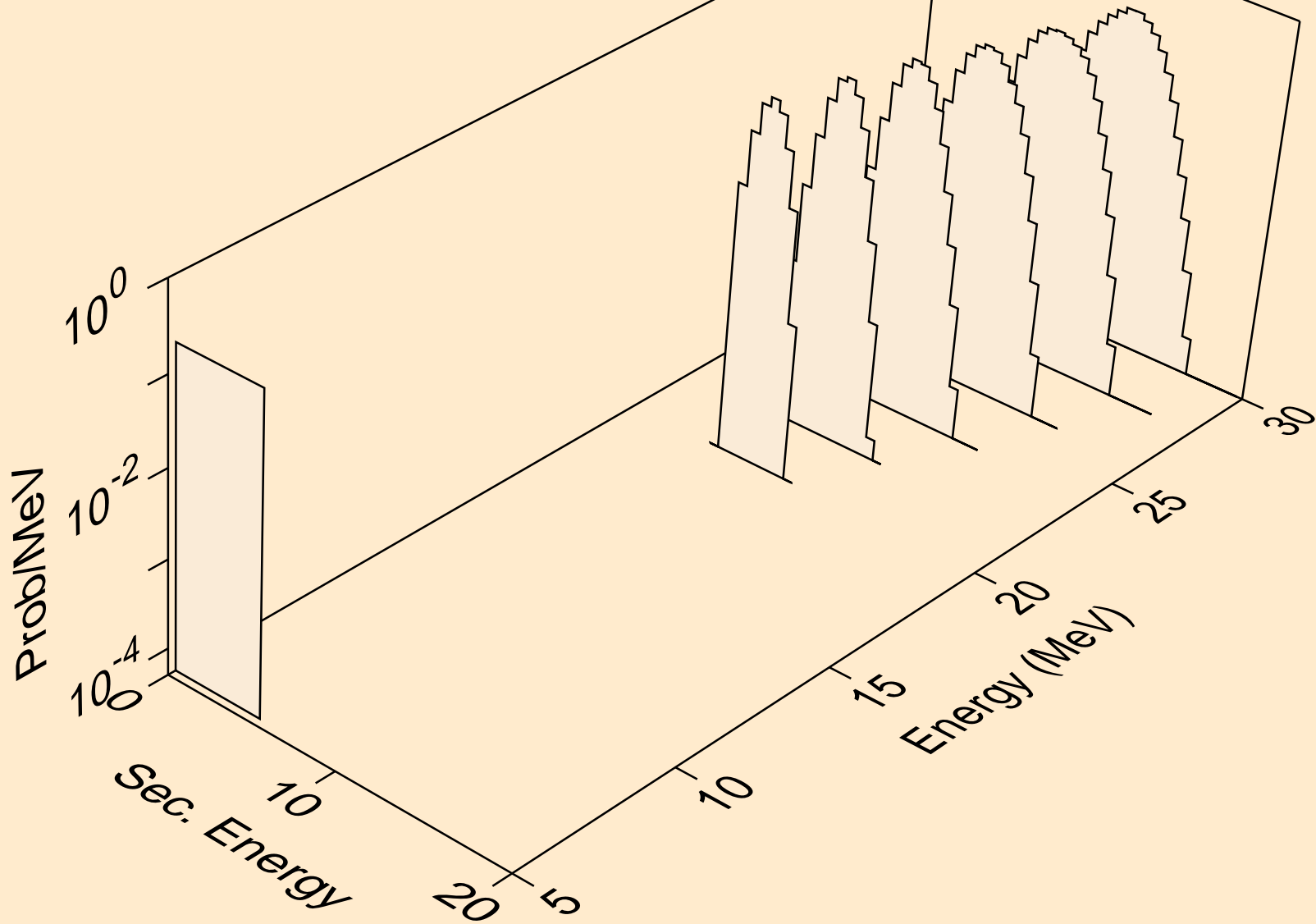




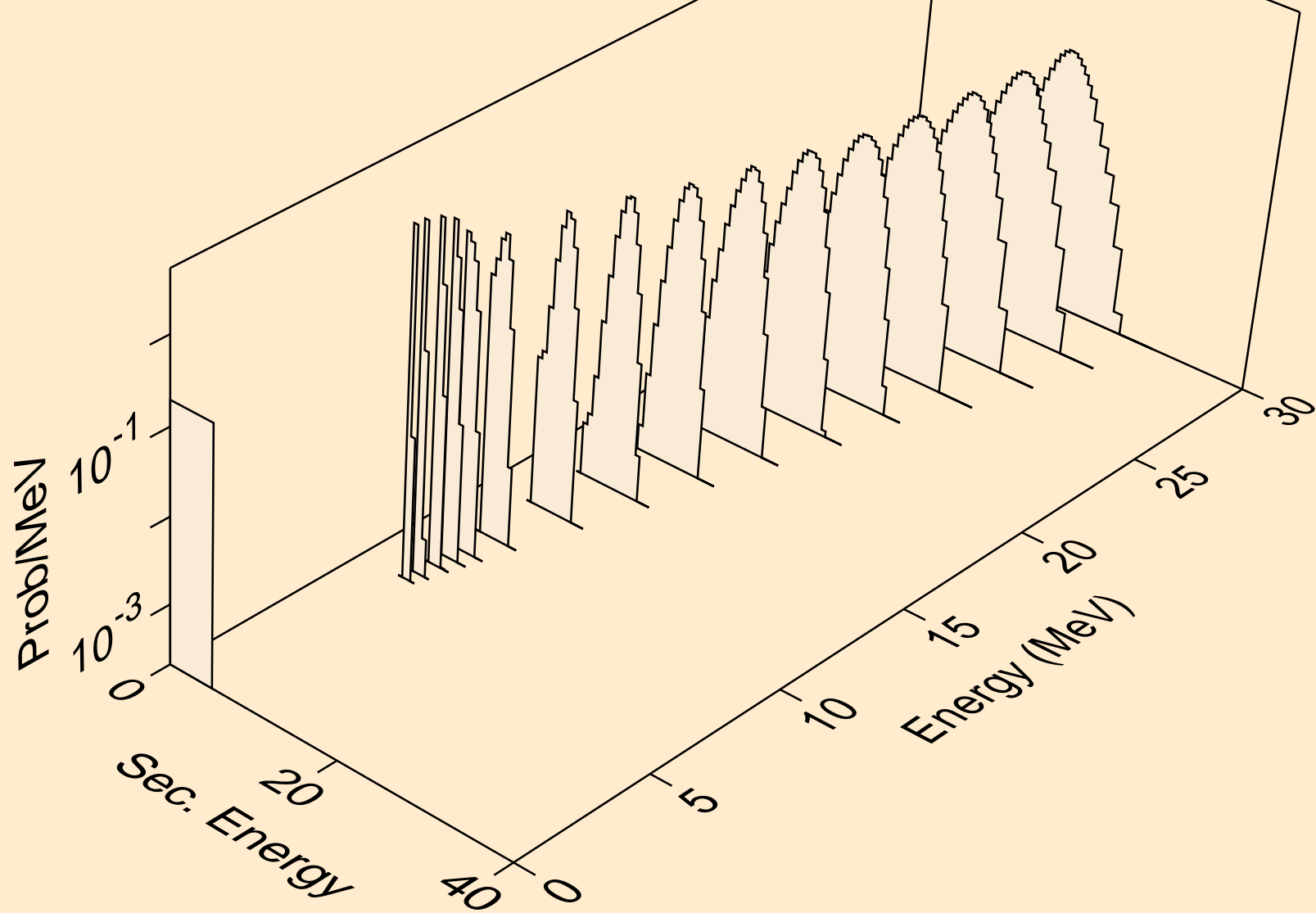
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



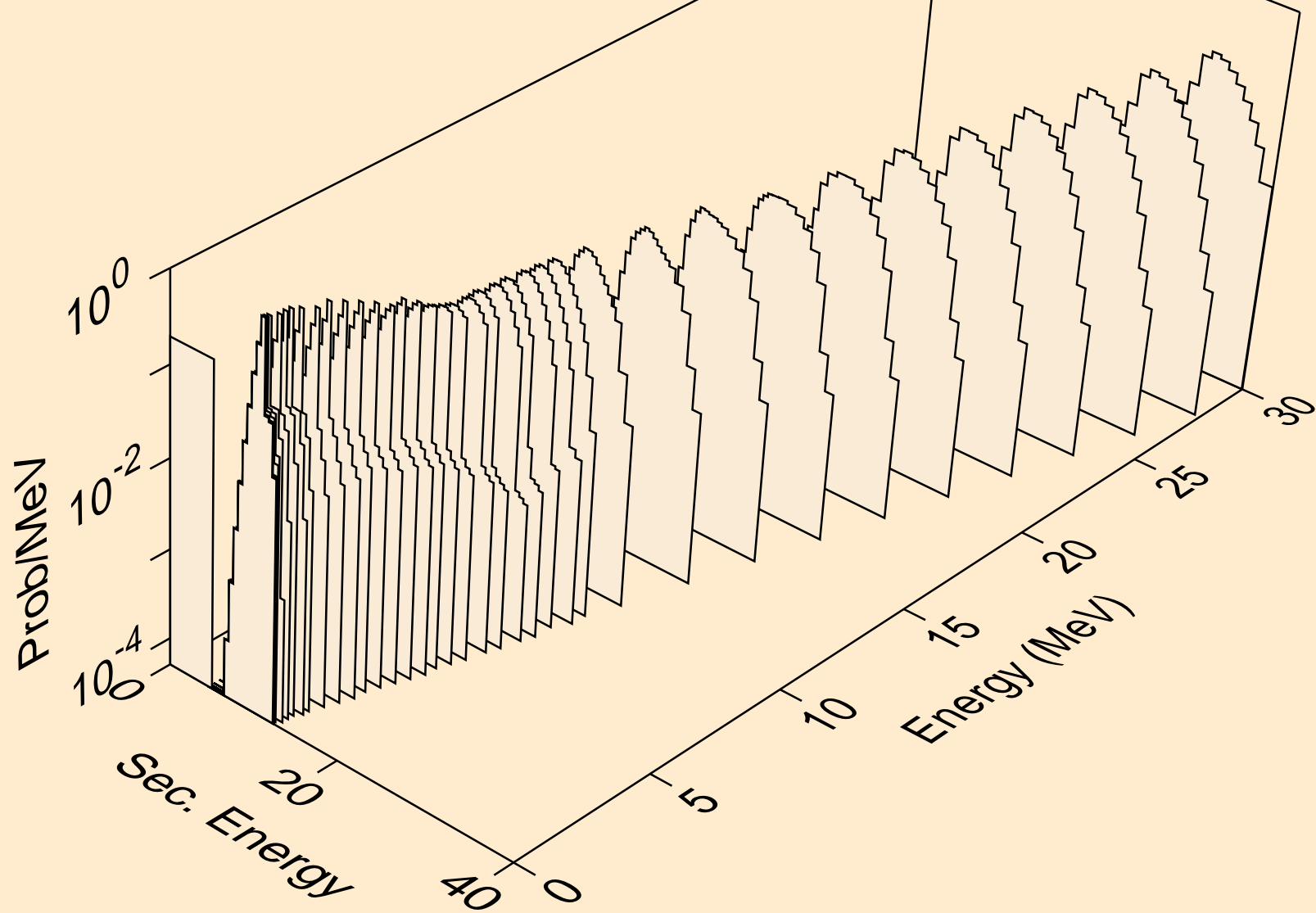
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a



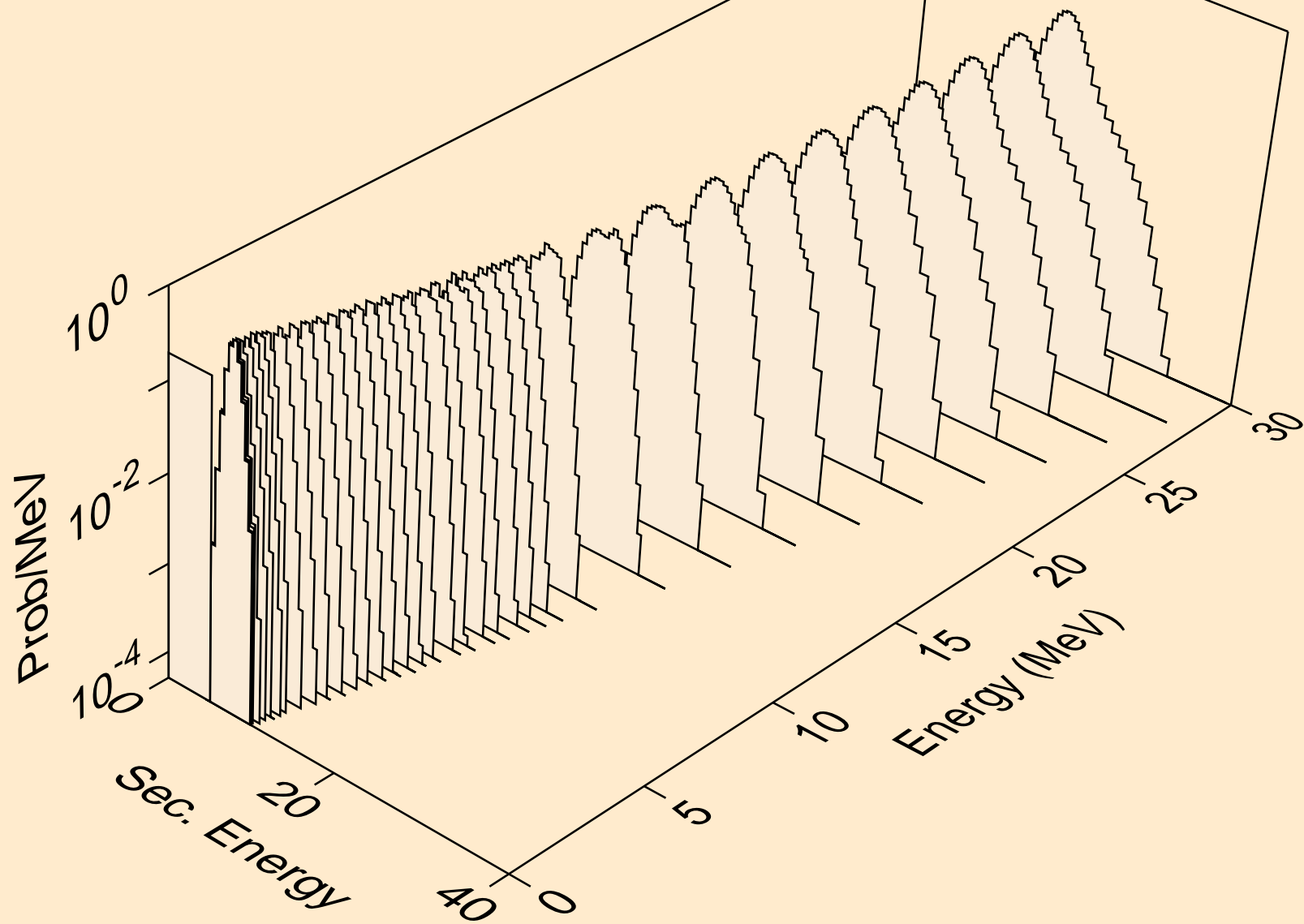
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



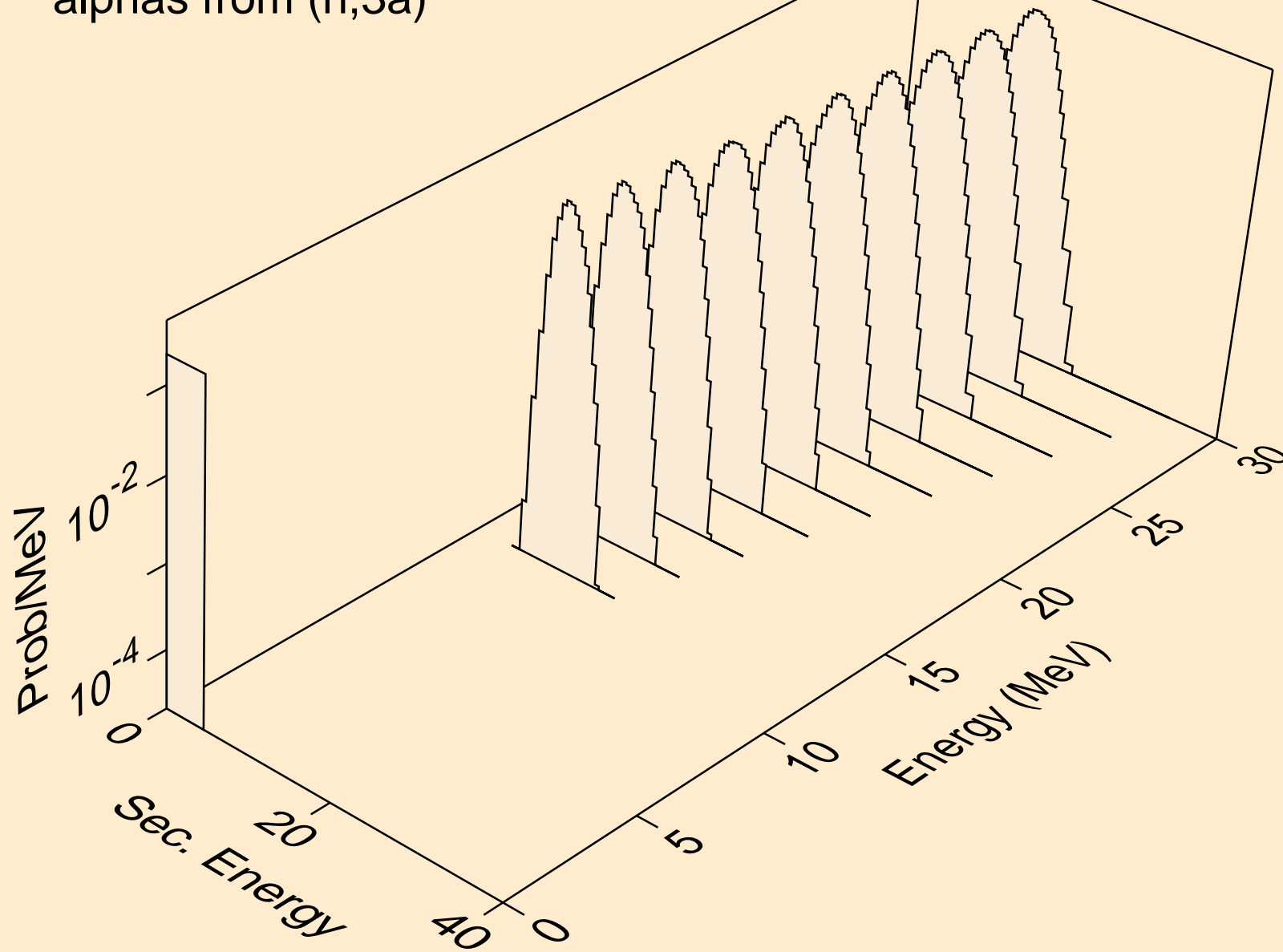
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



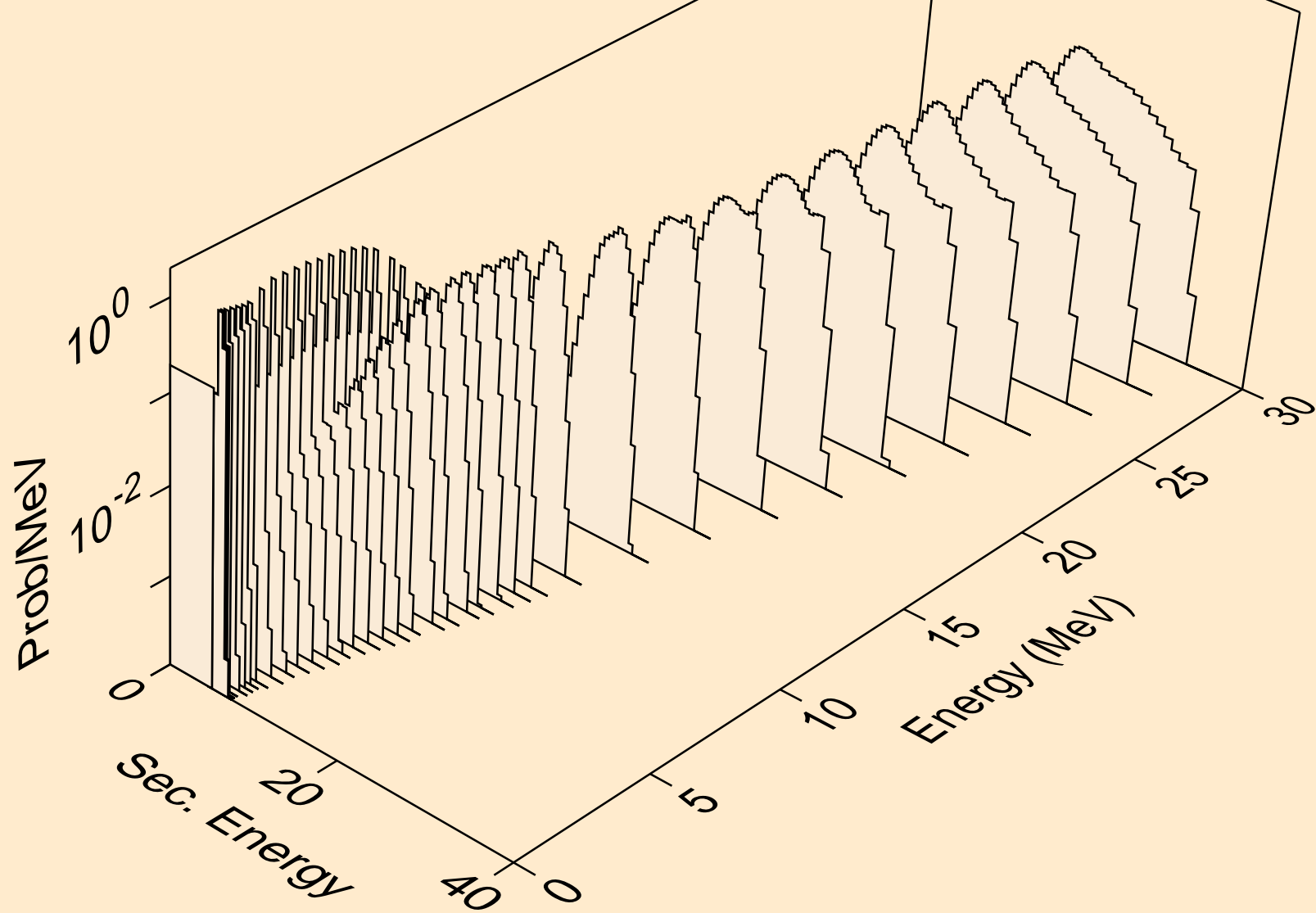
ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



ER152 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

