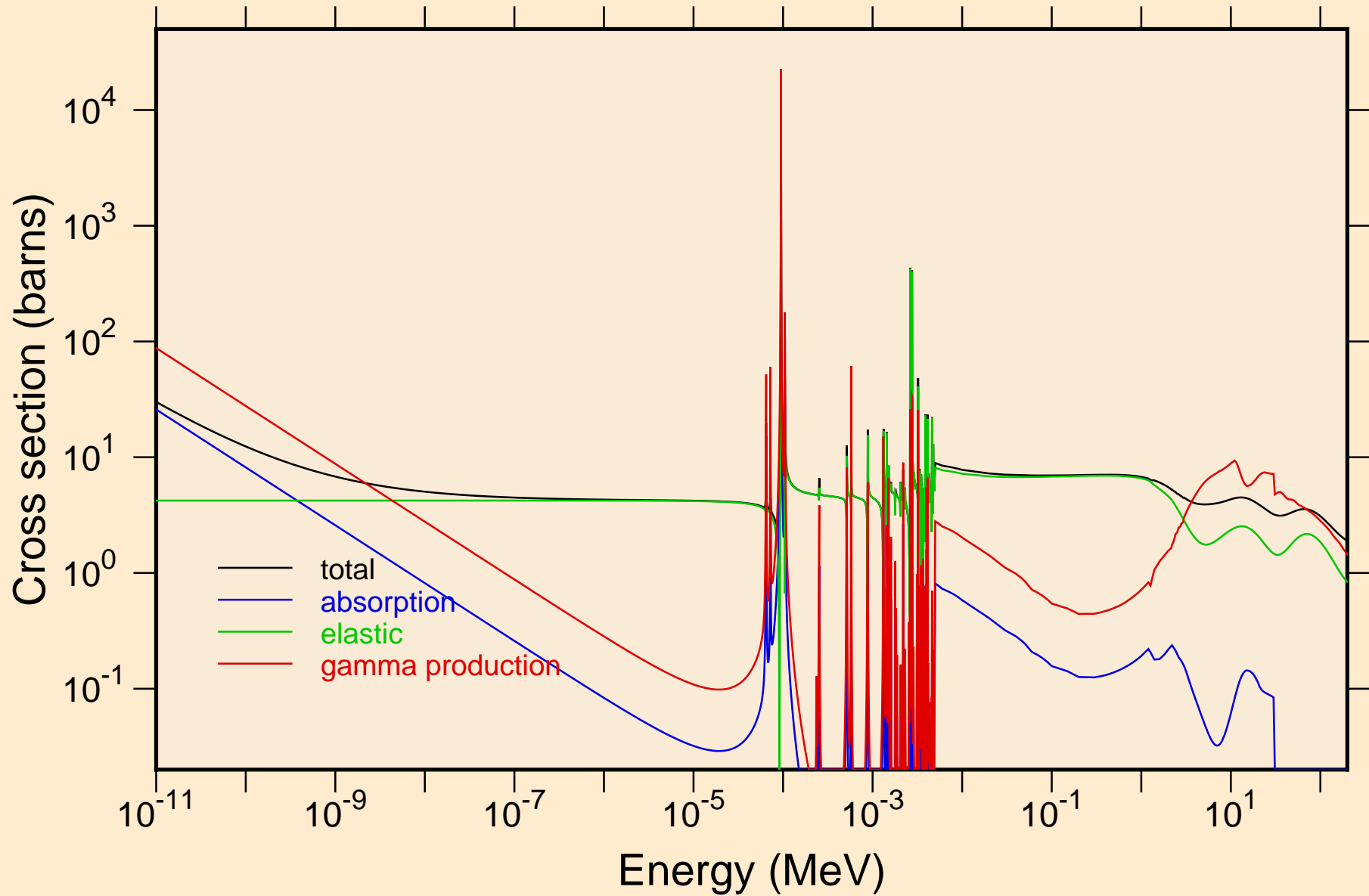
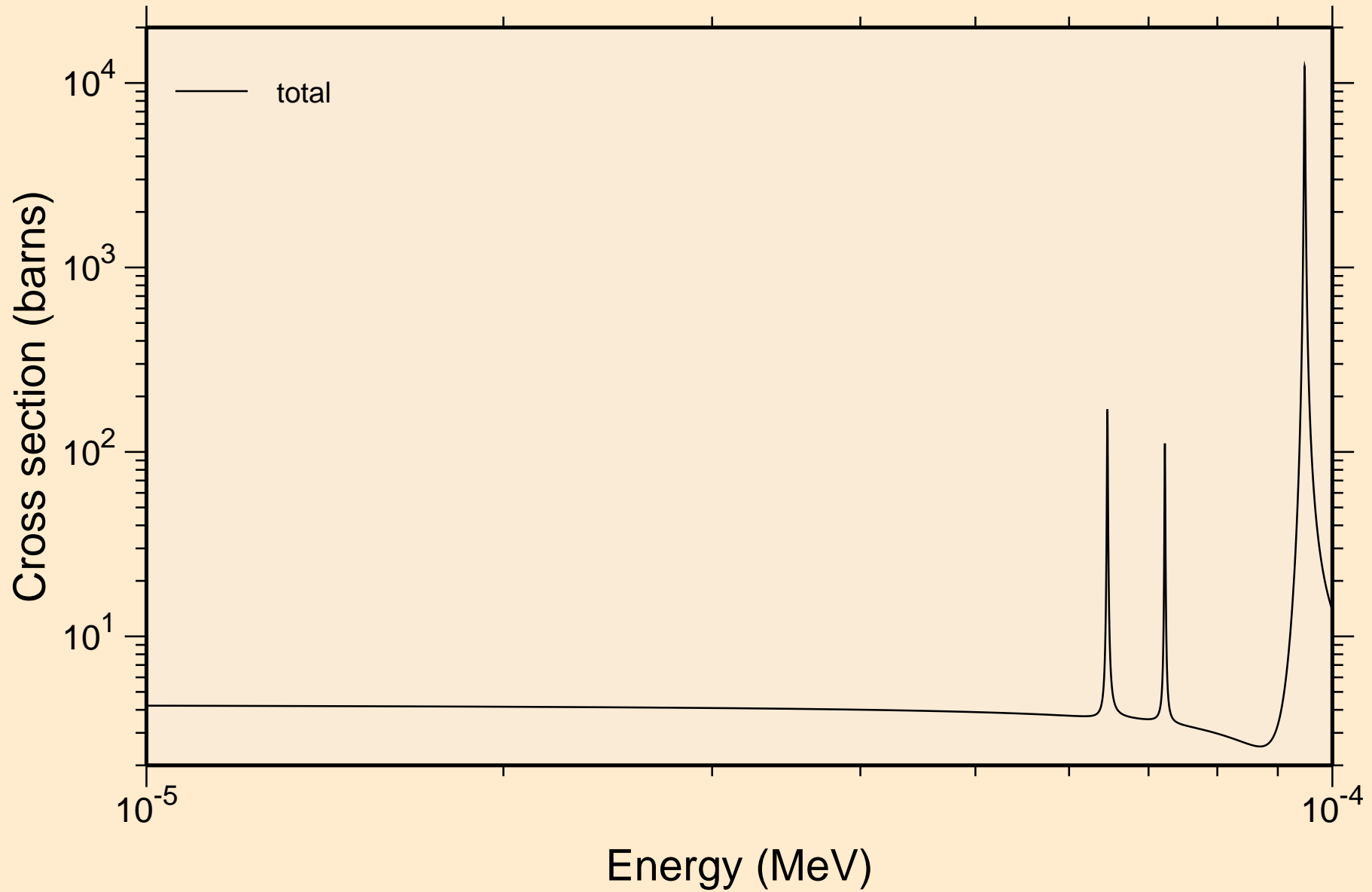


# SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

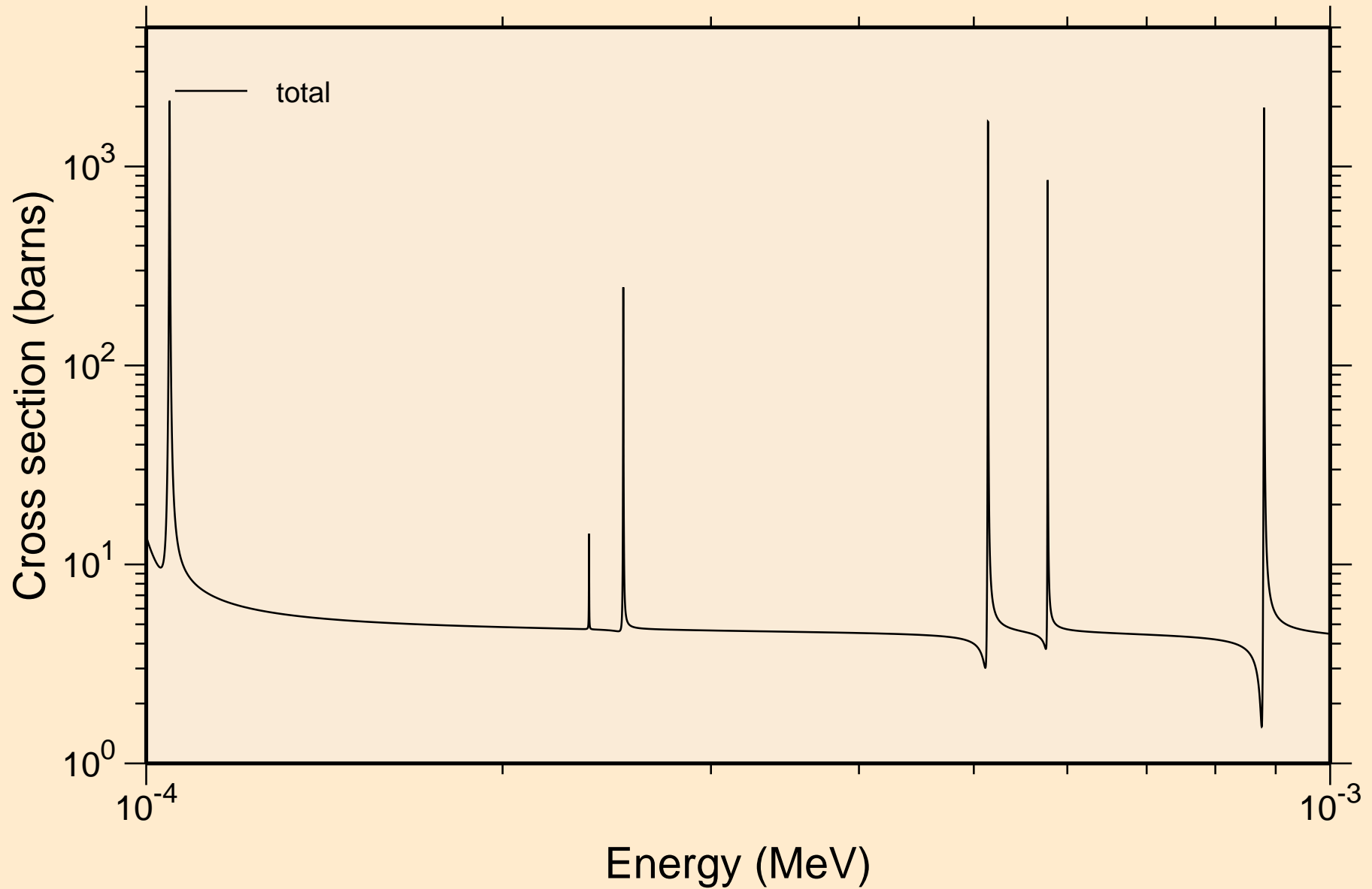
## Principal cross sections



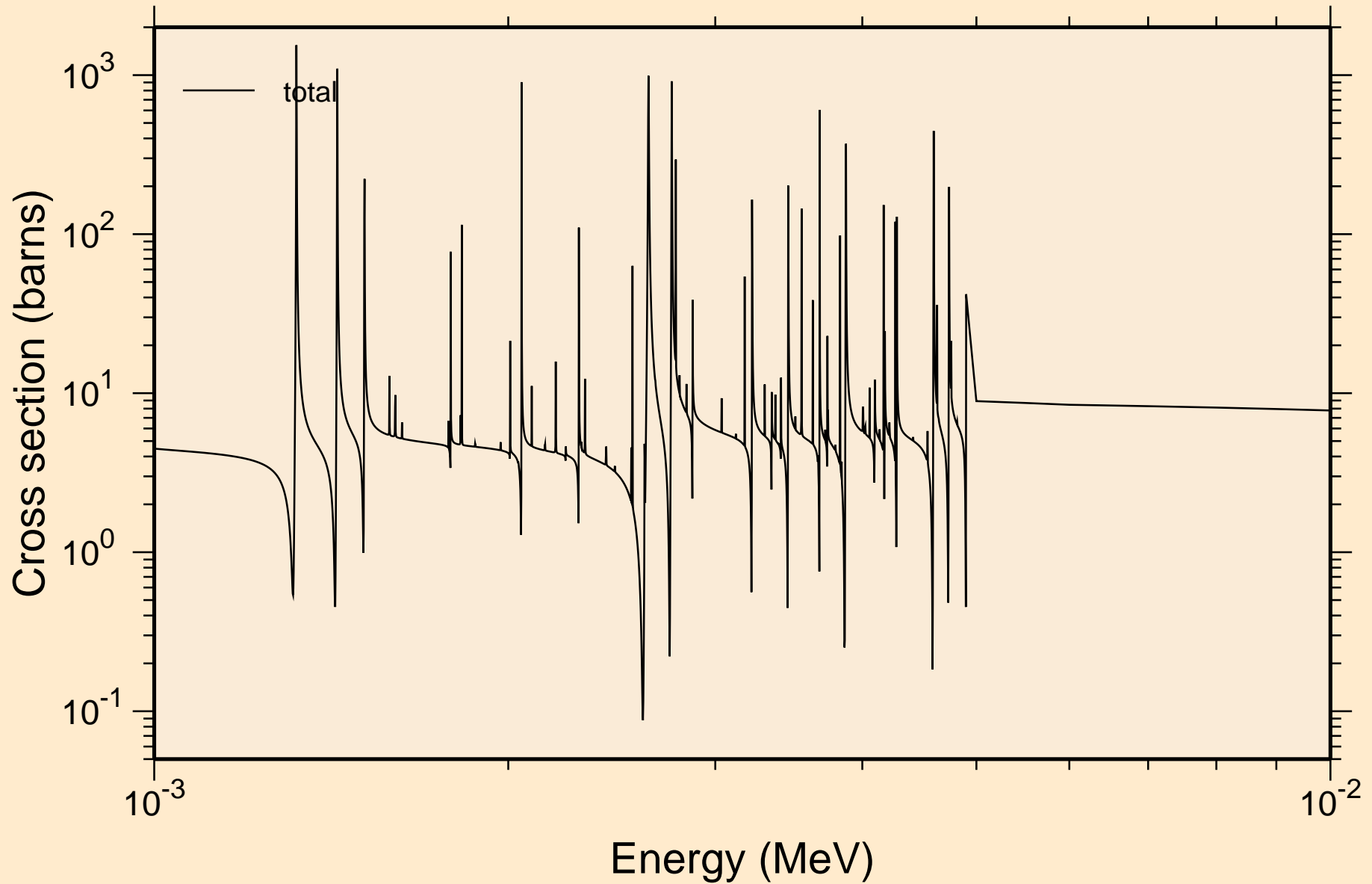
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



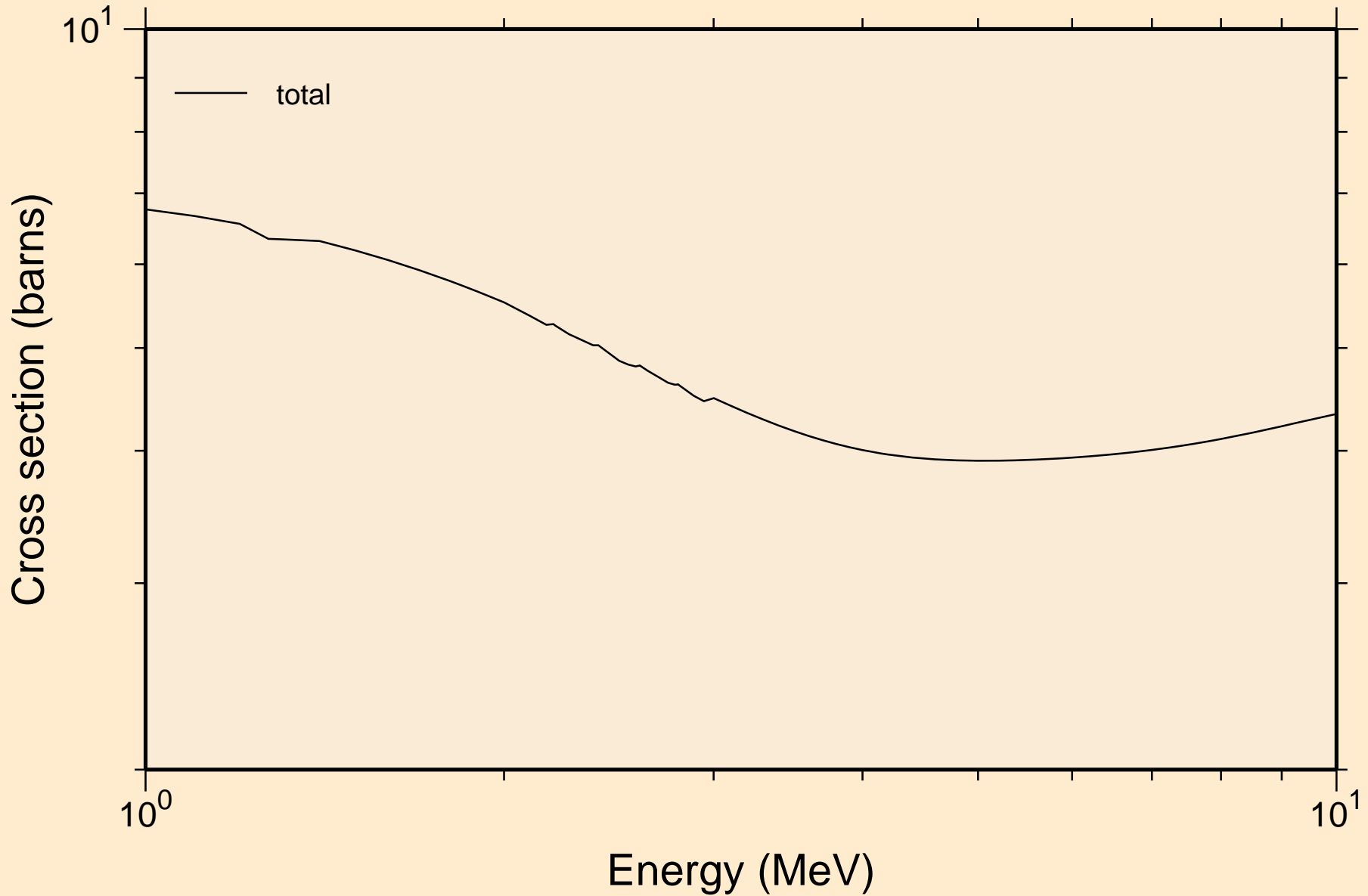
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



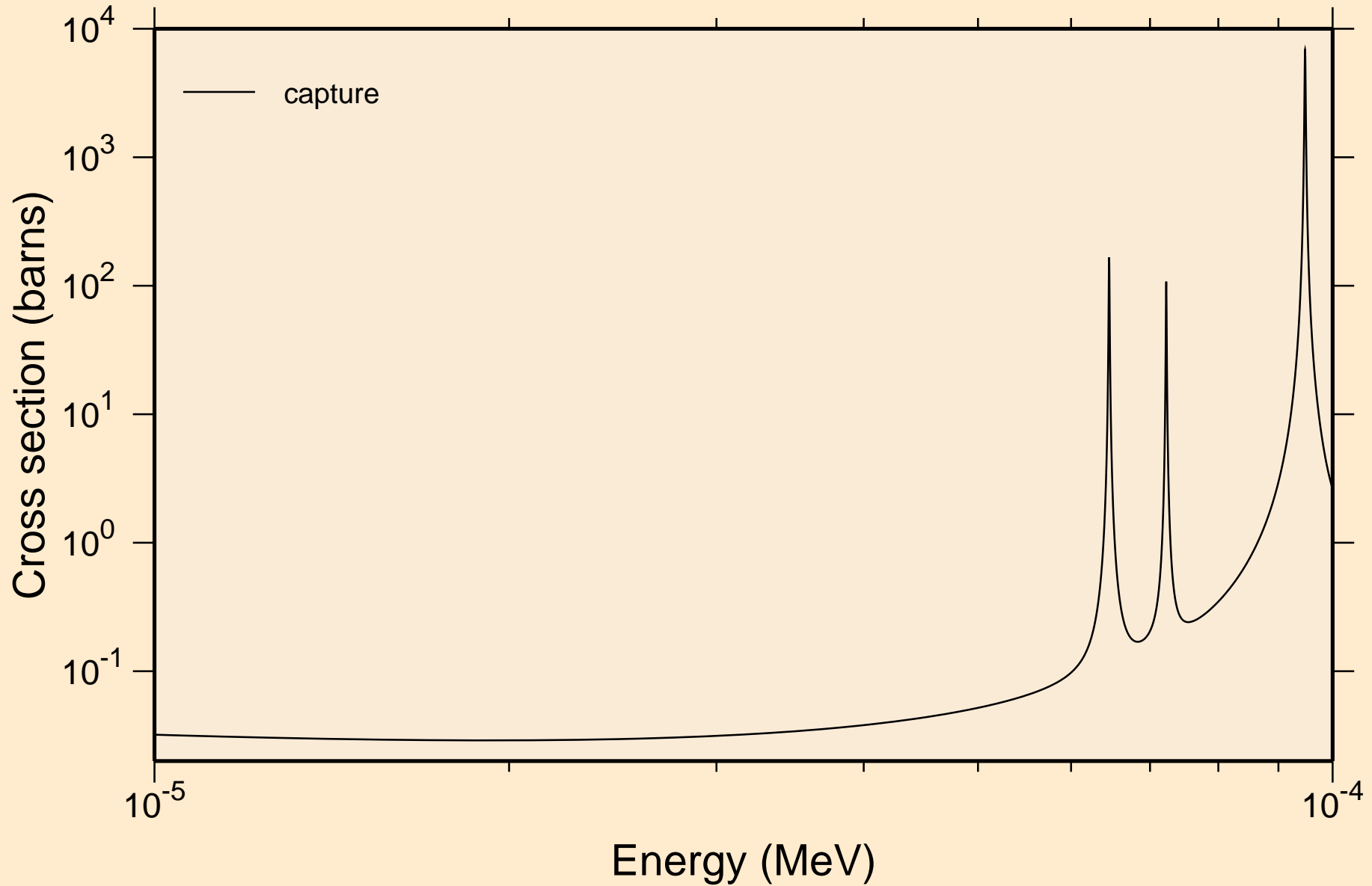
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



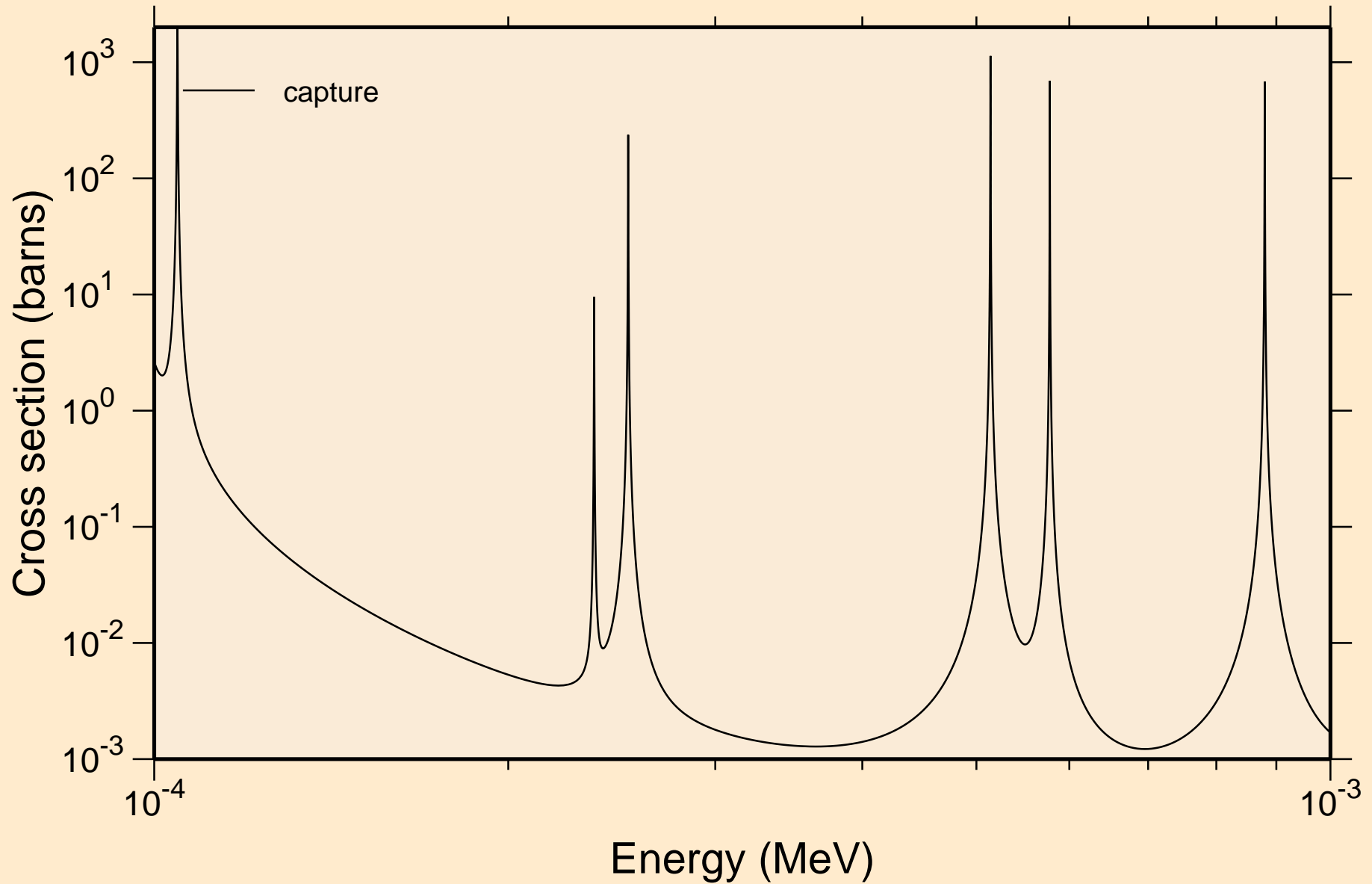
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



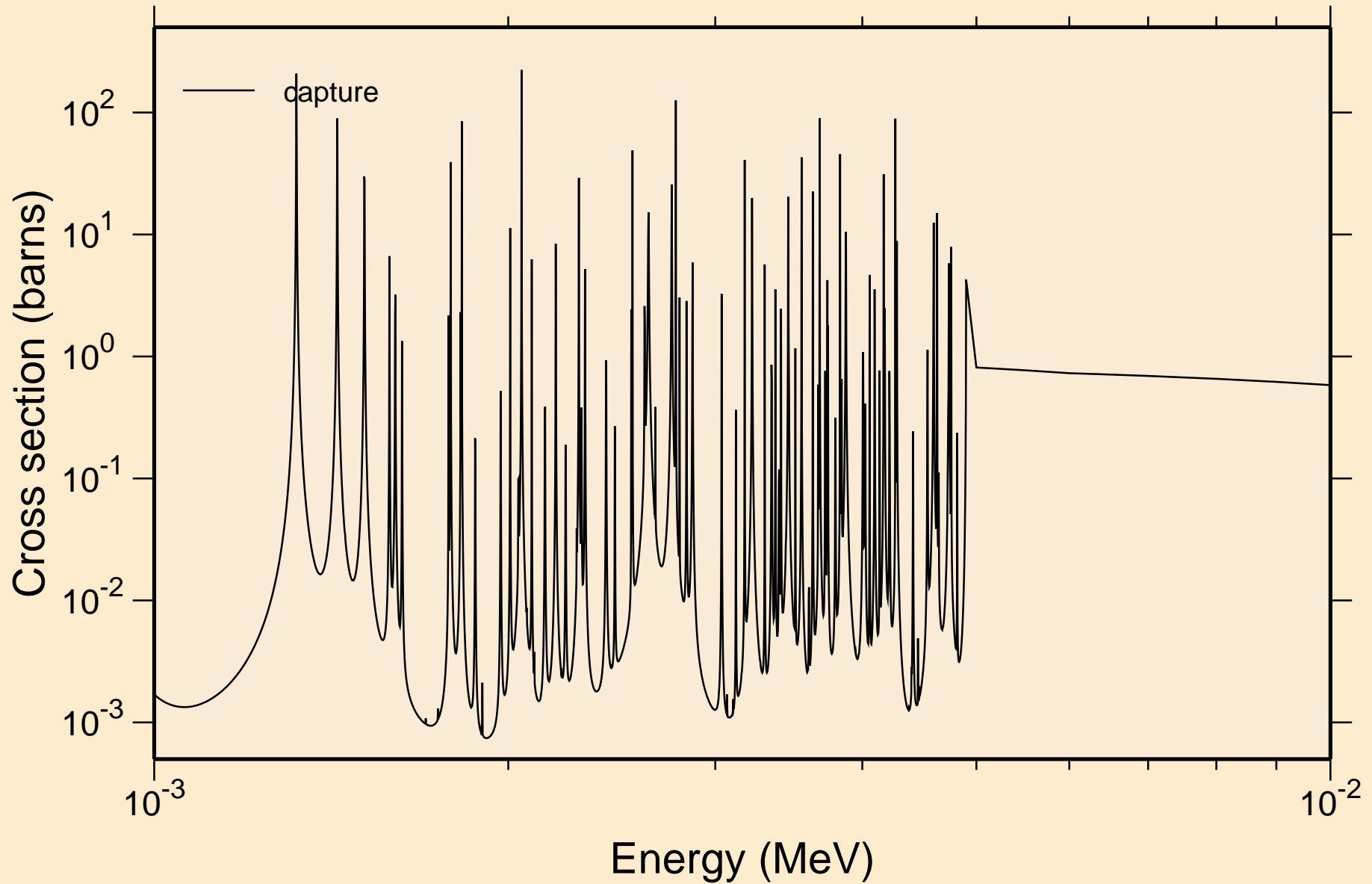
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

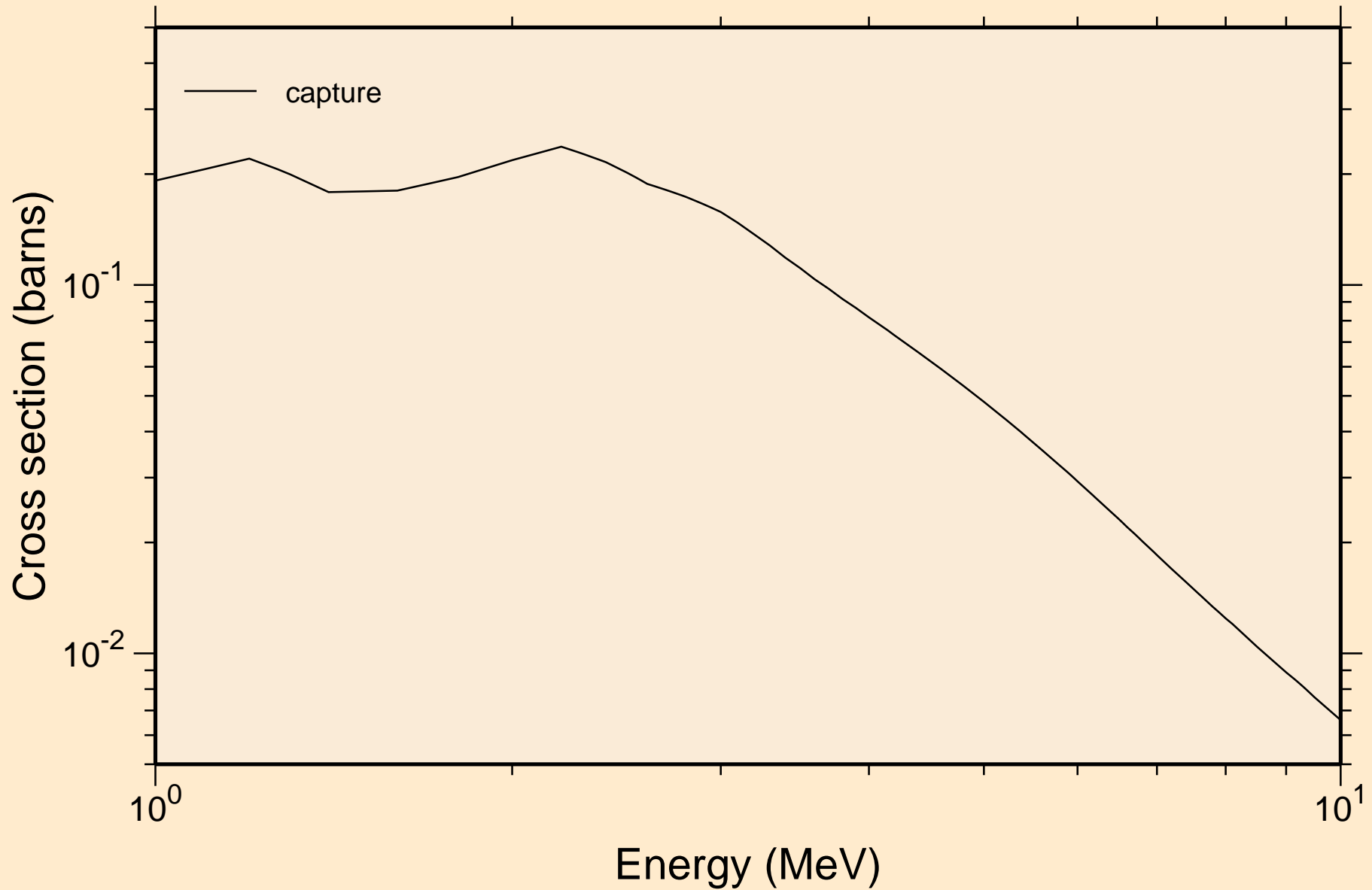


SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



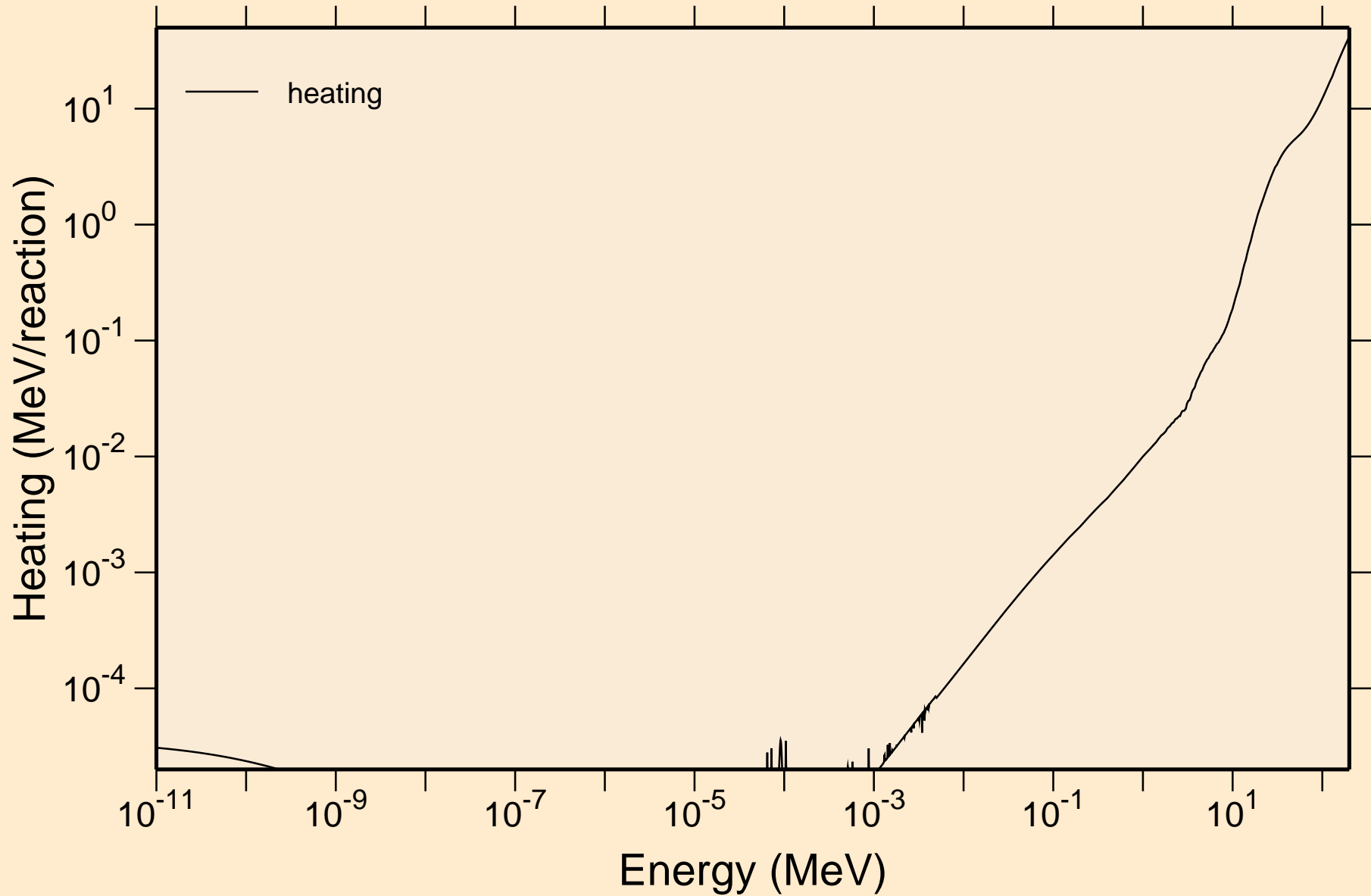


SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



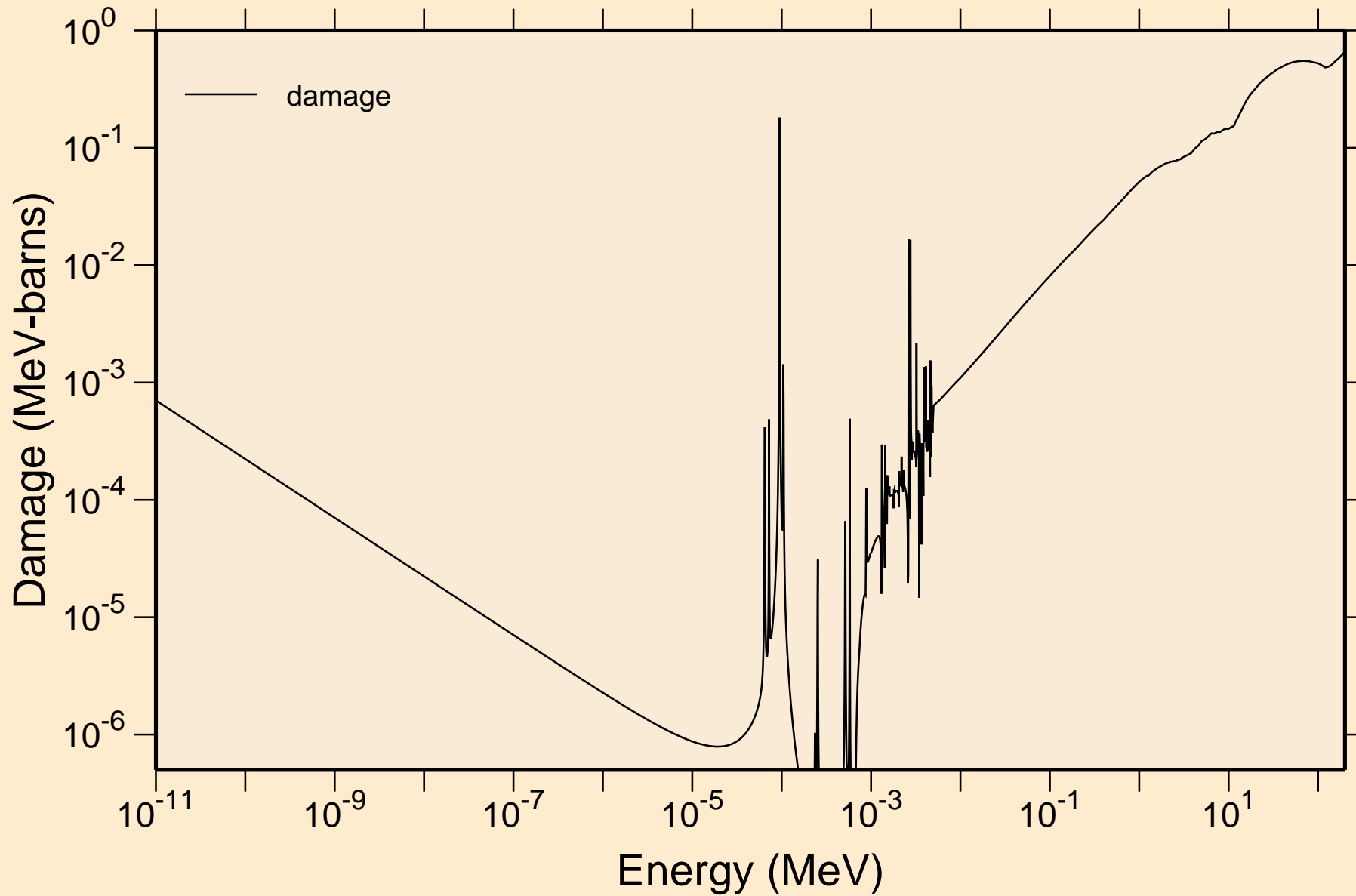
# SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



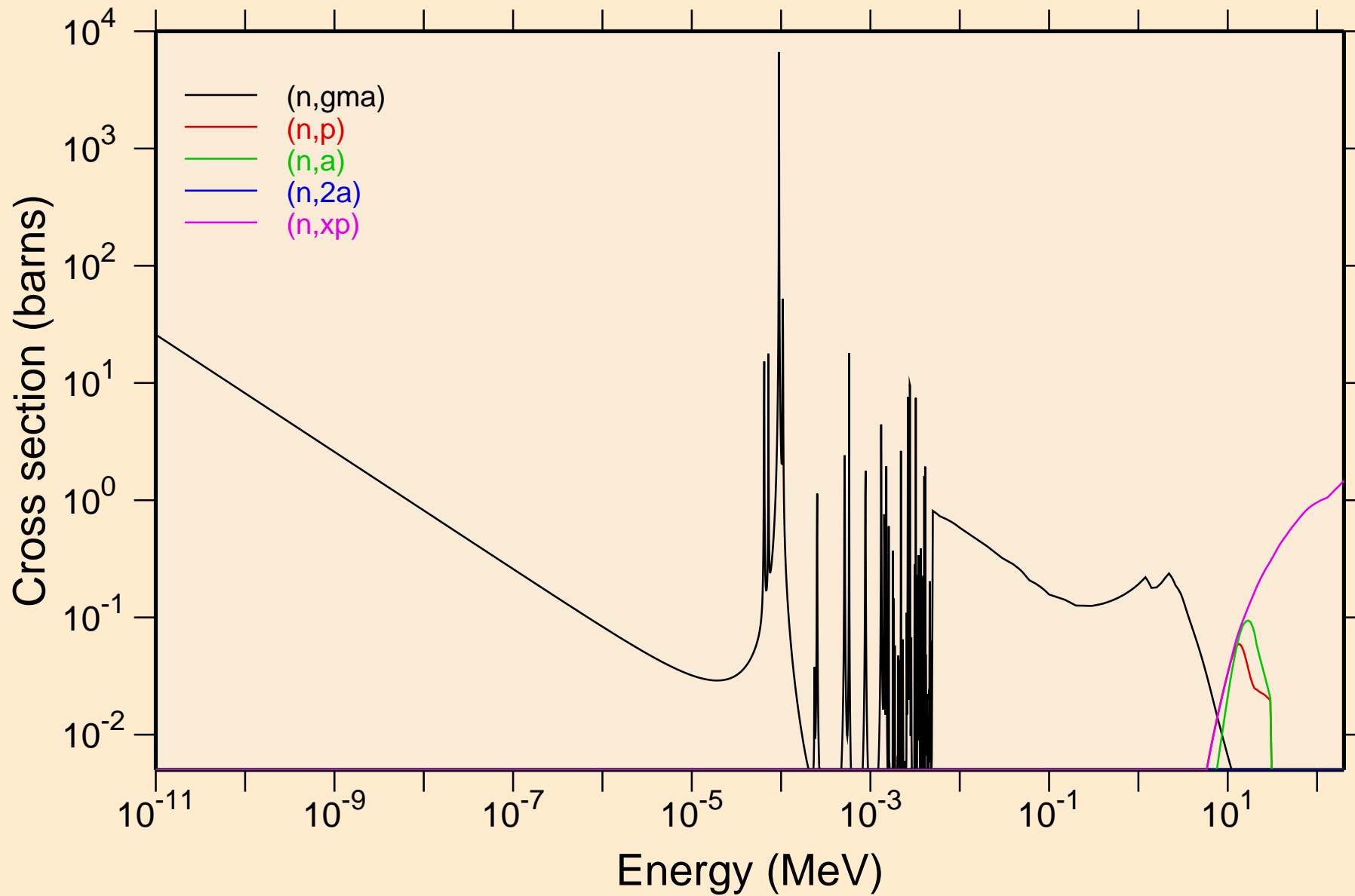
# SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

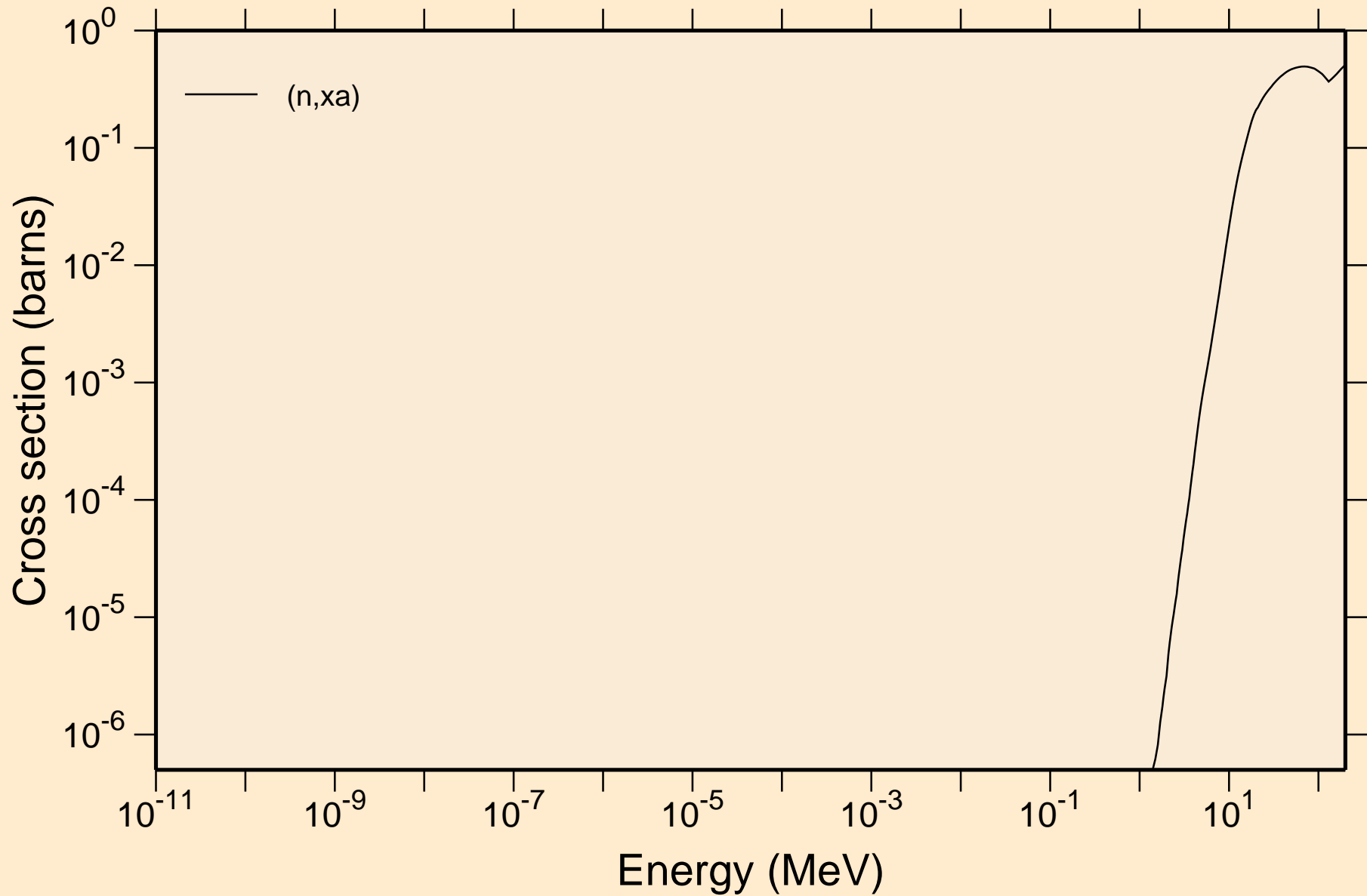


# SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

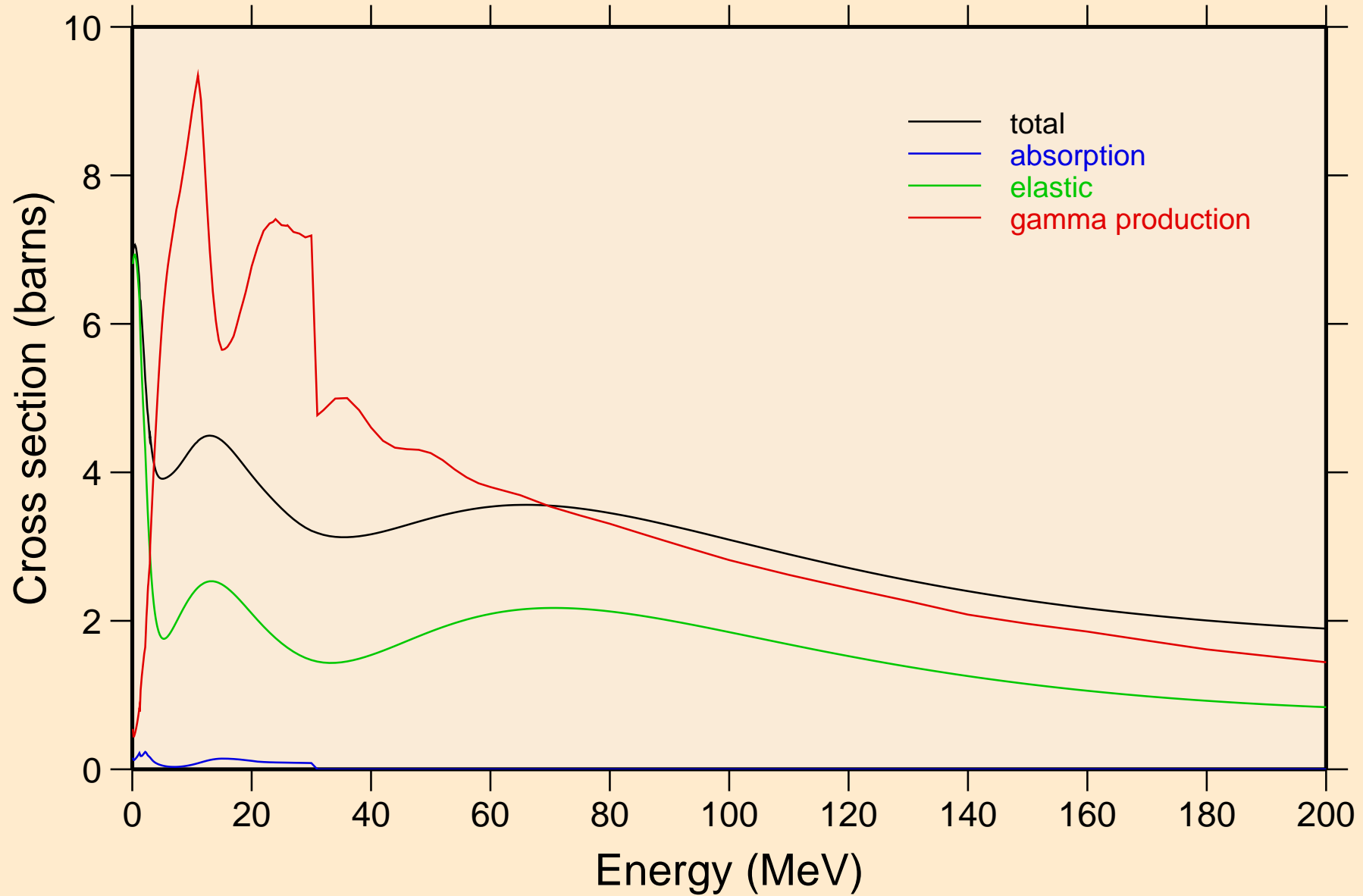


SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



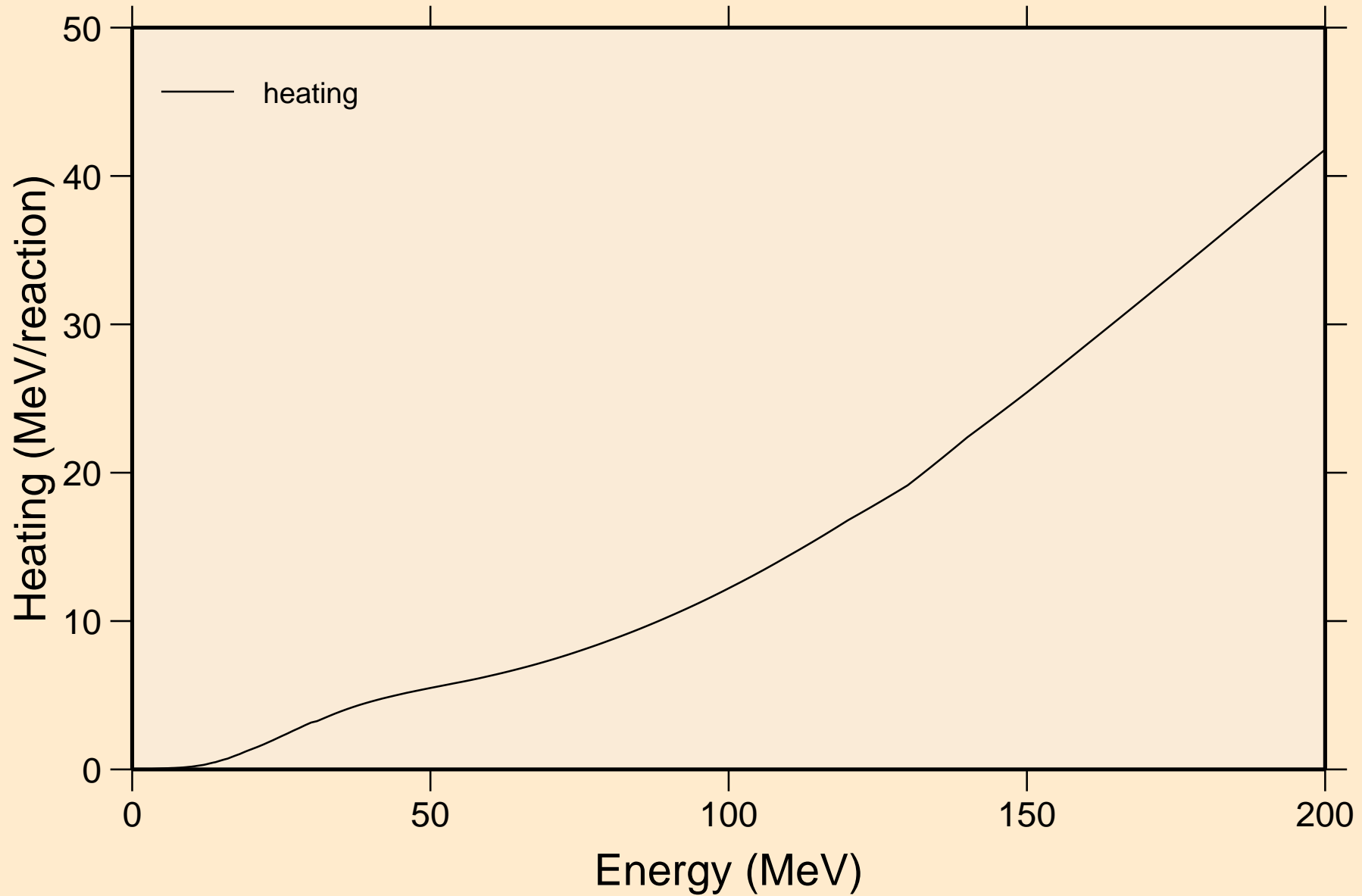
# SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



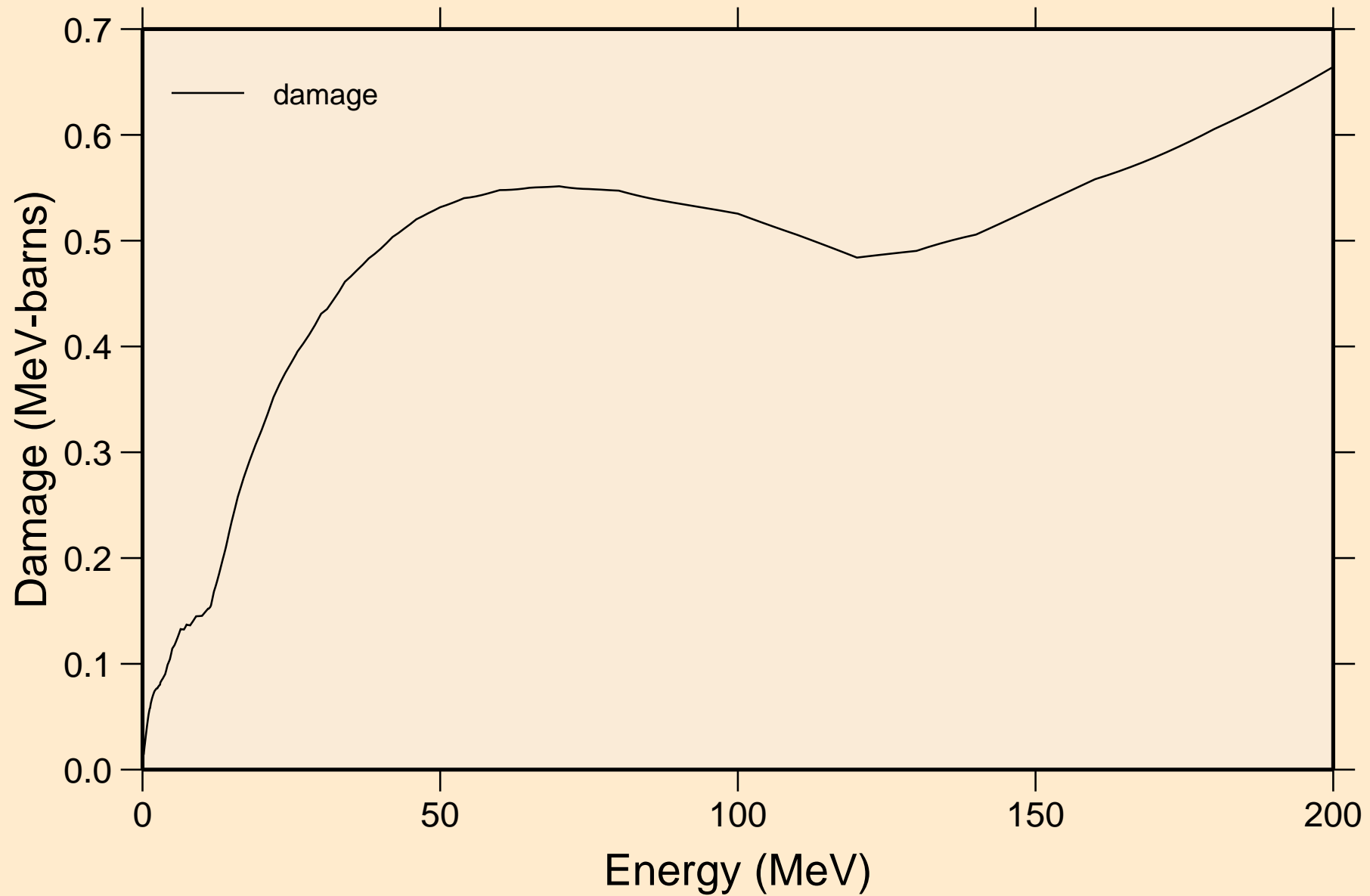
# SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



# SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

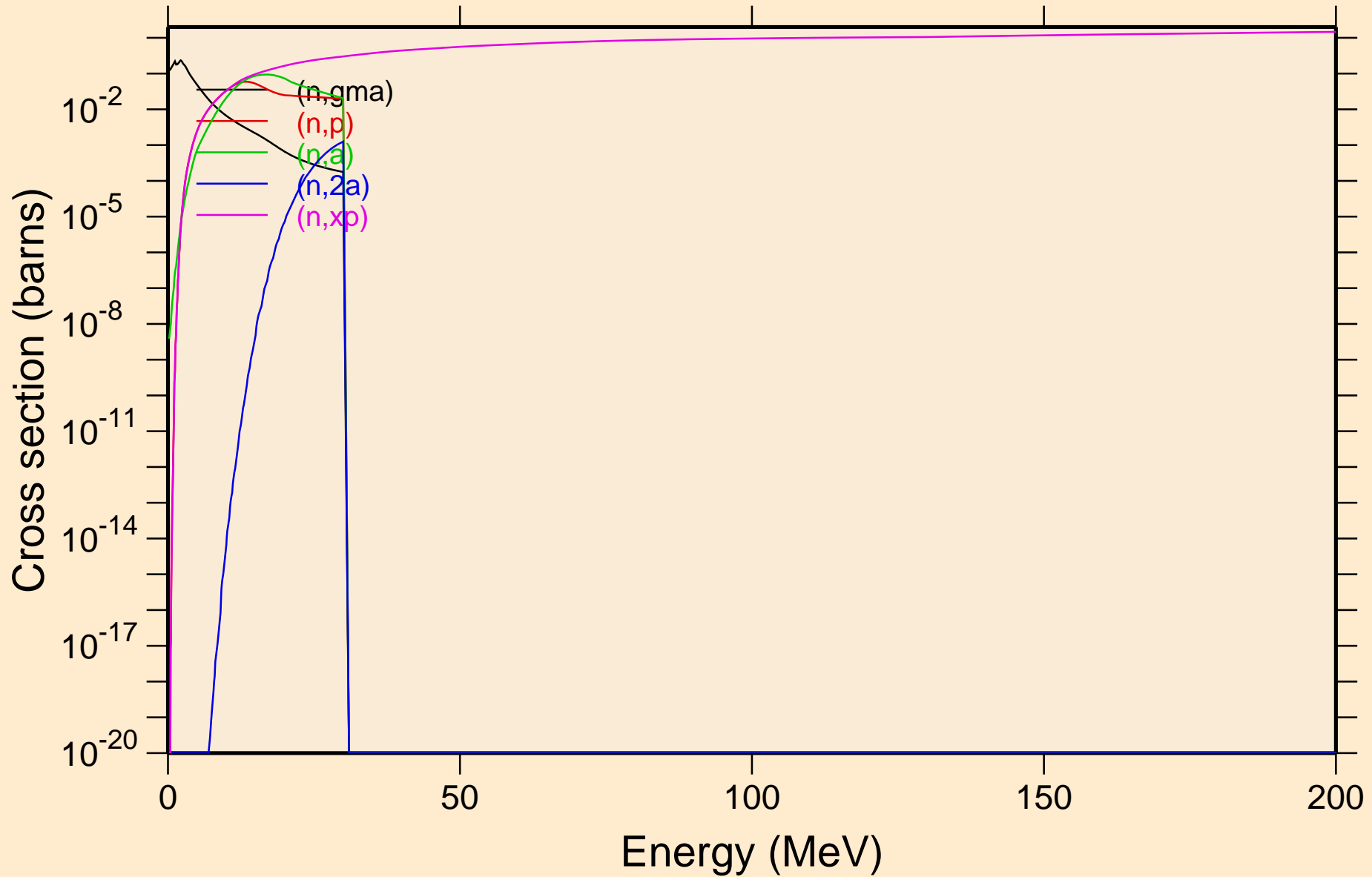
## Damage



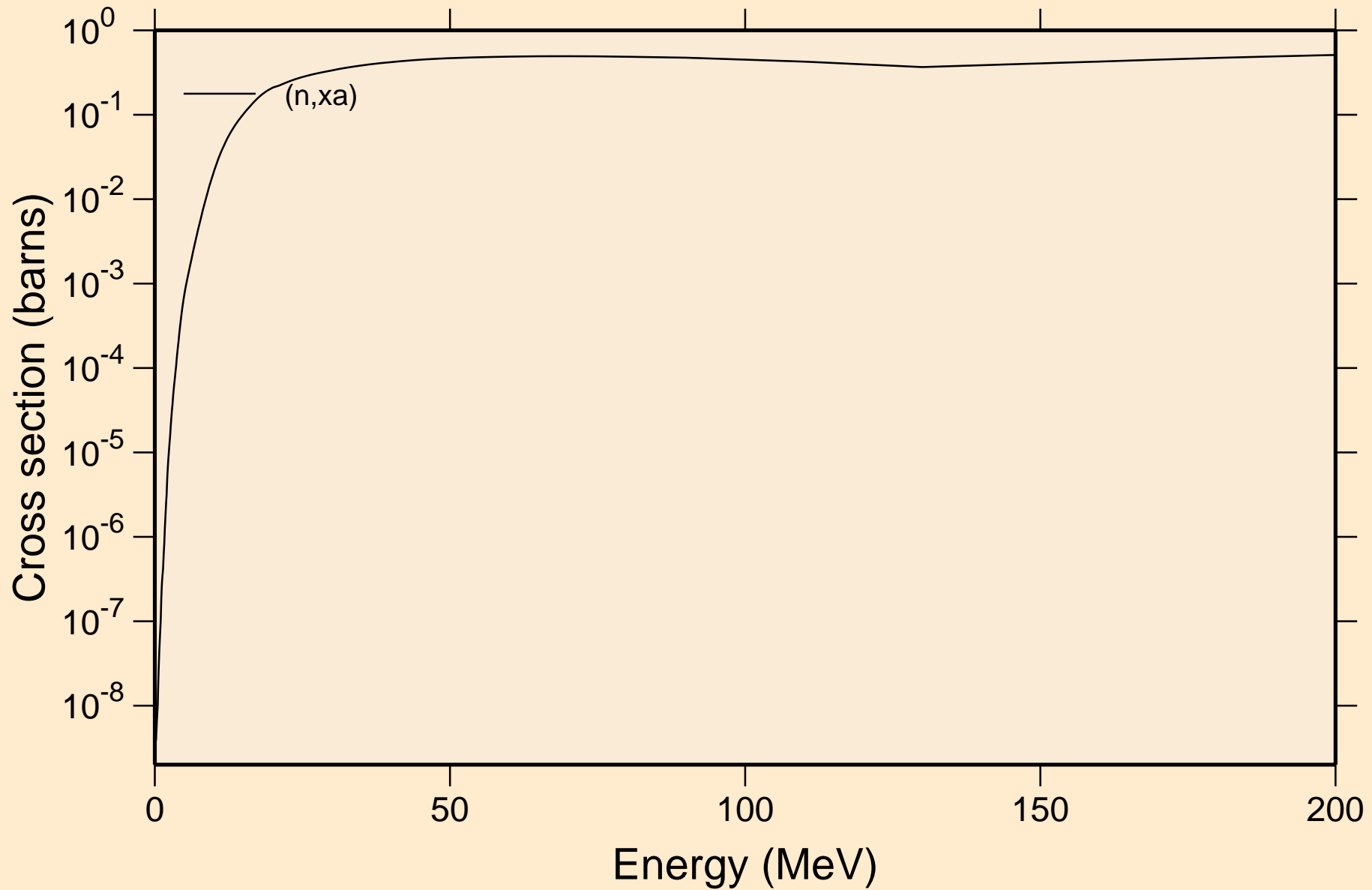


# SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

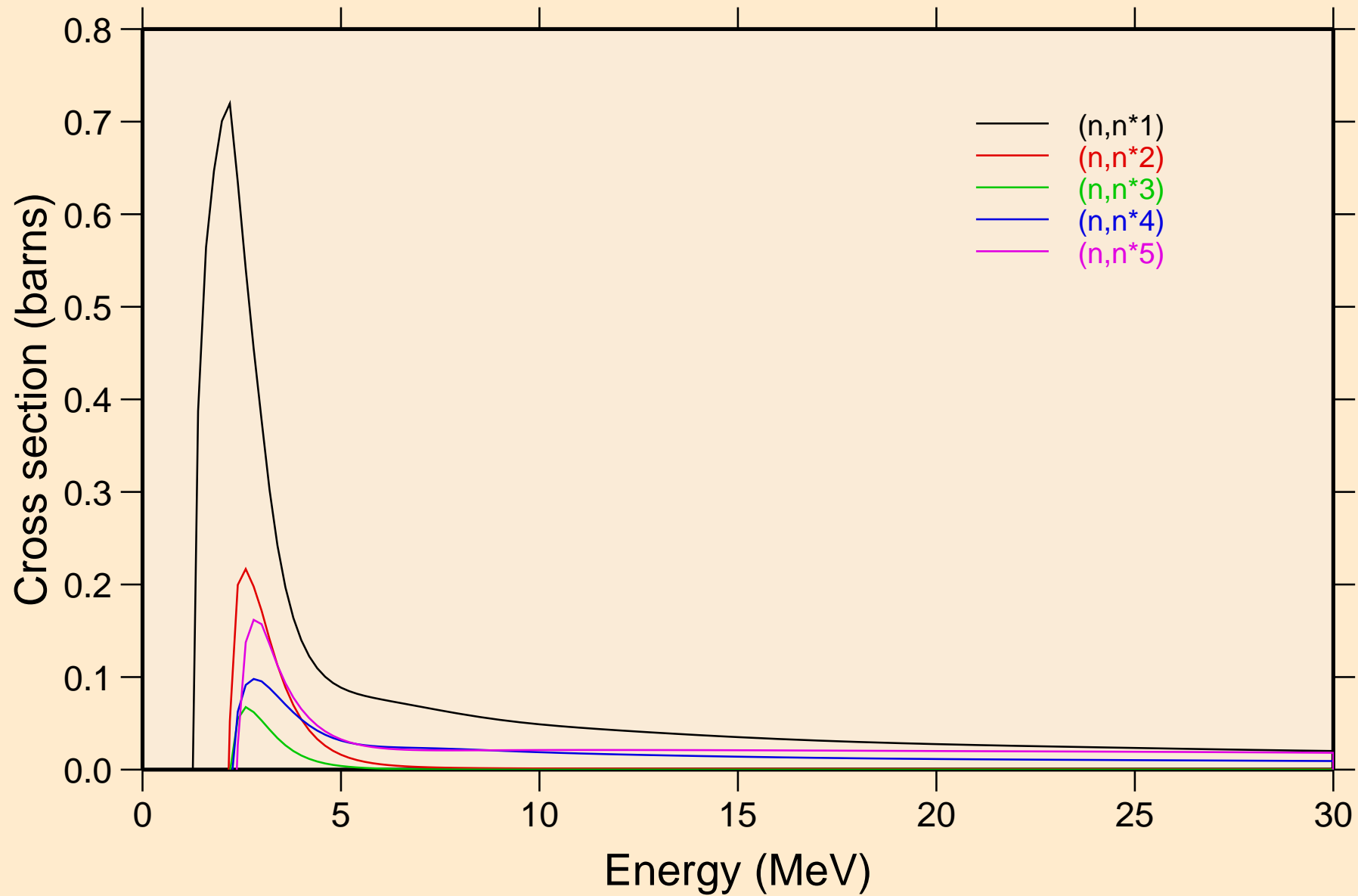


SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



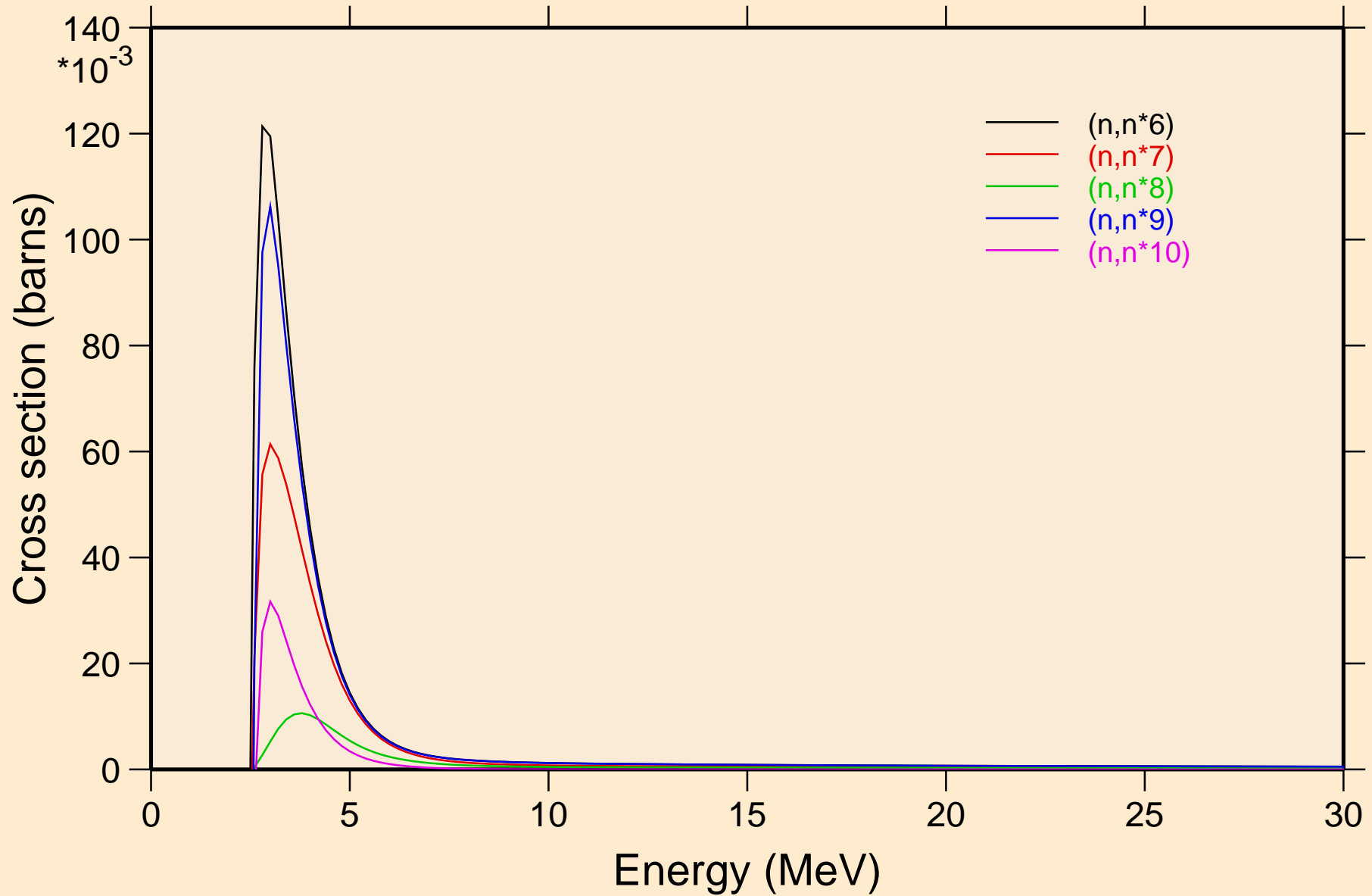
# SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



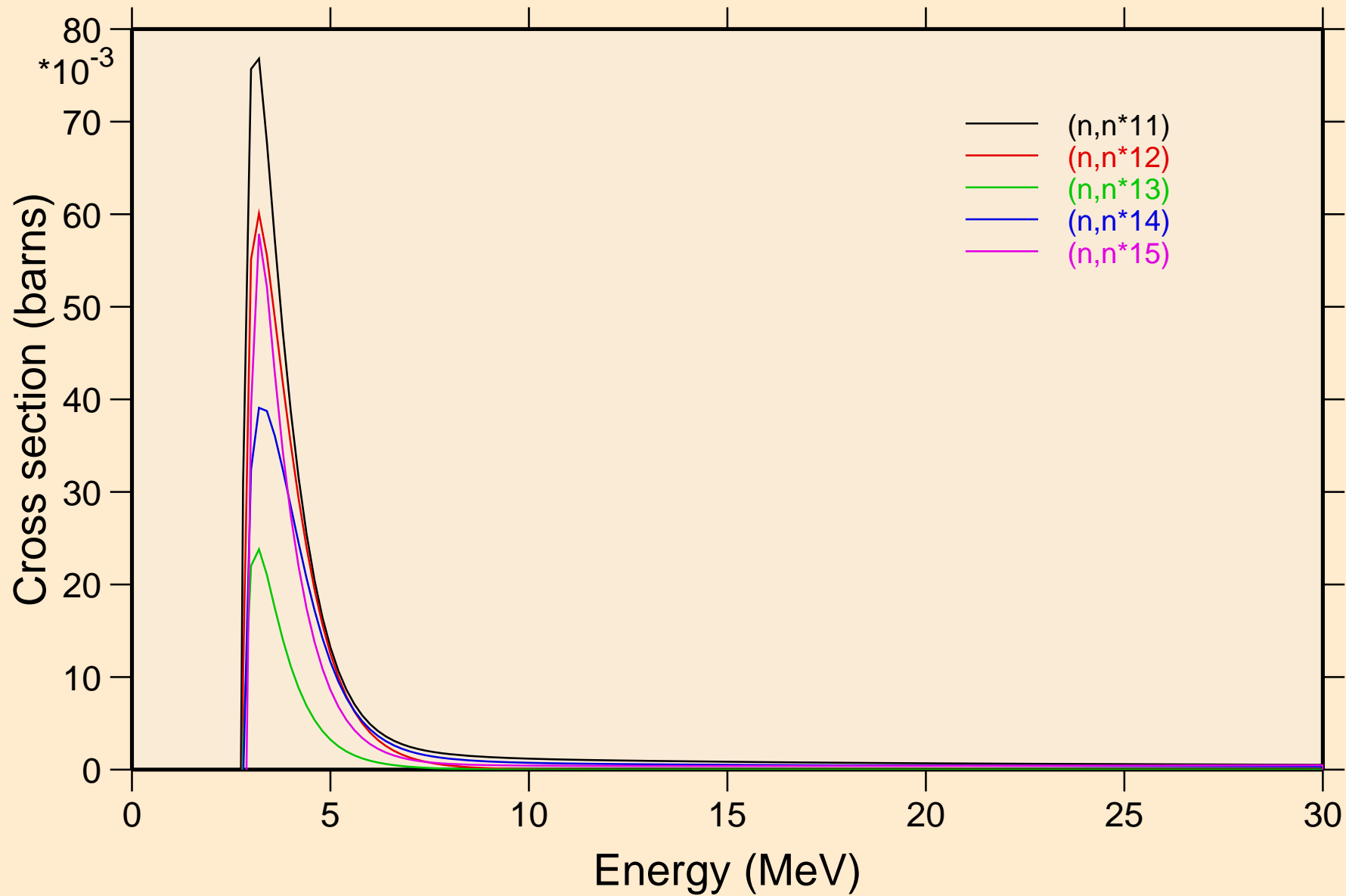
# SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels

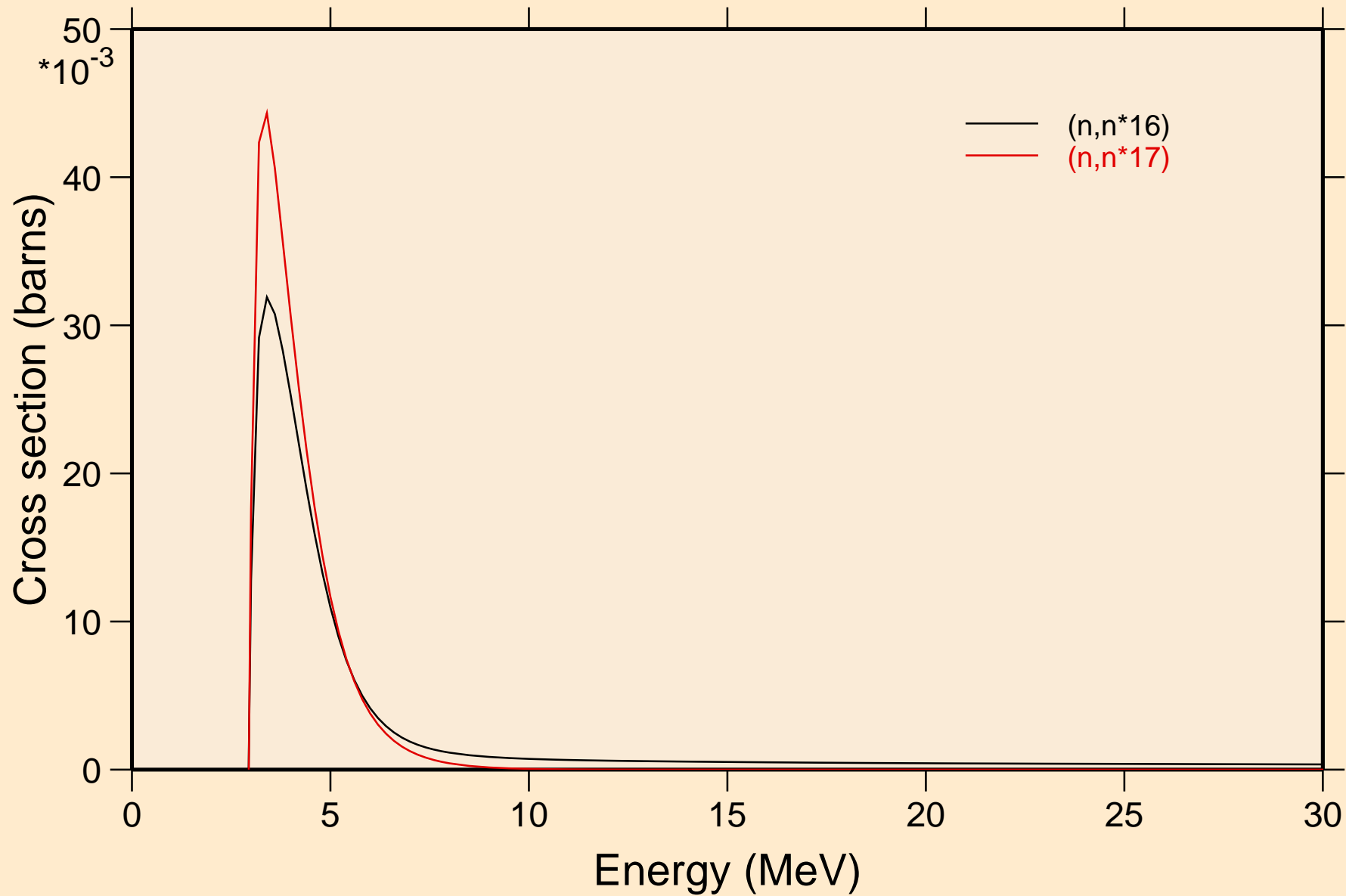


# SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels

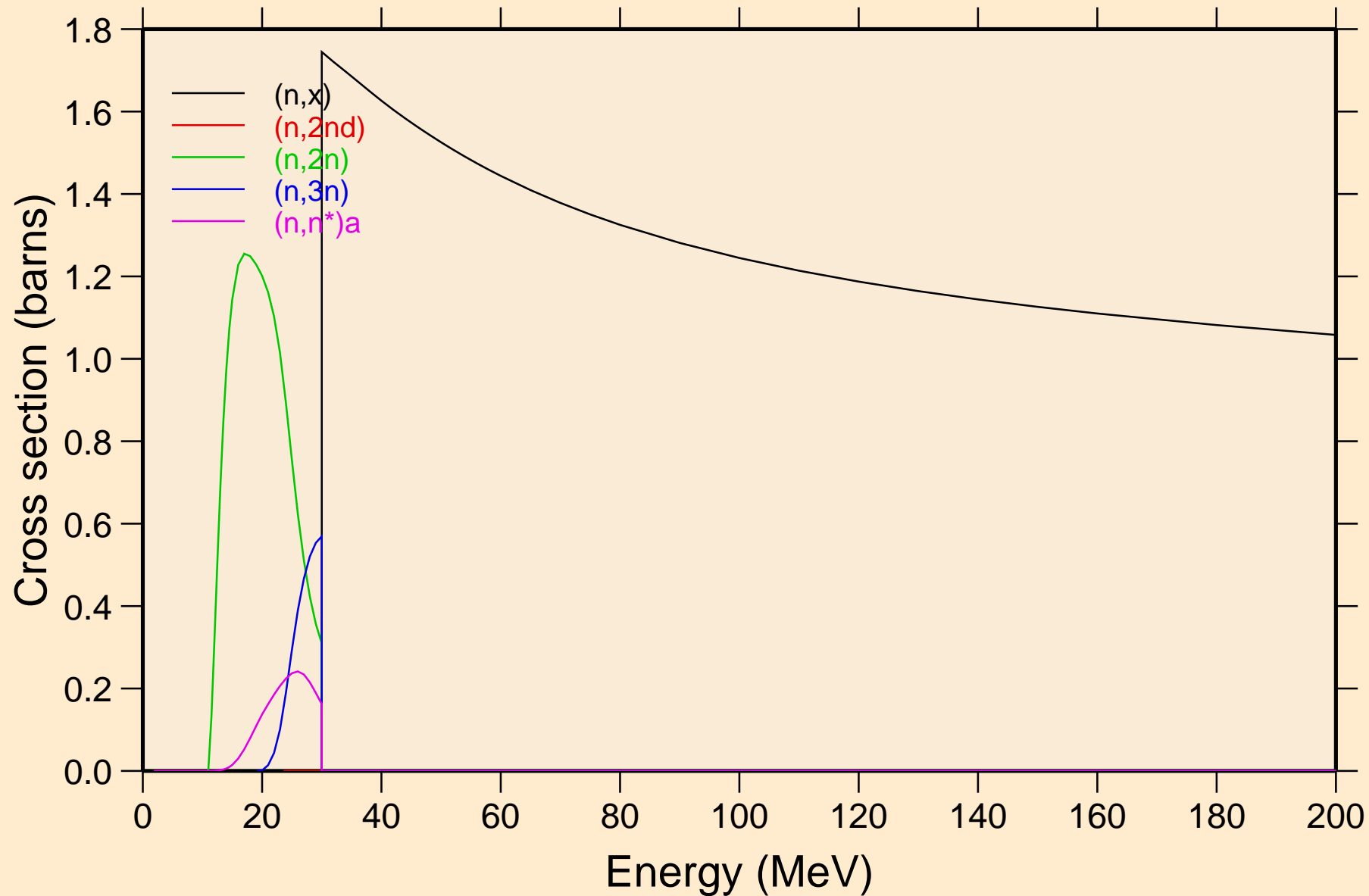


SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



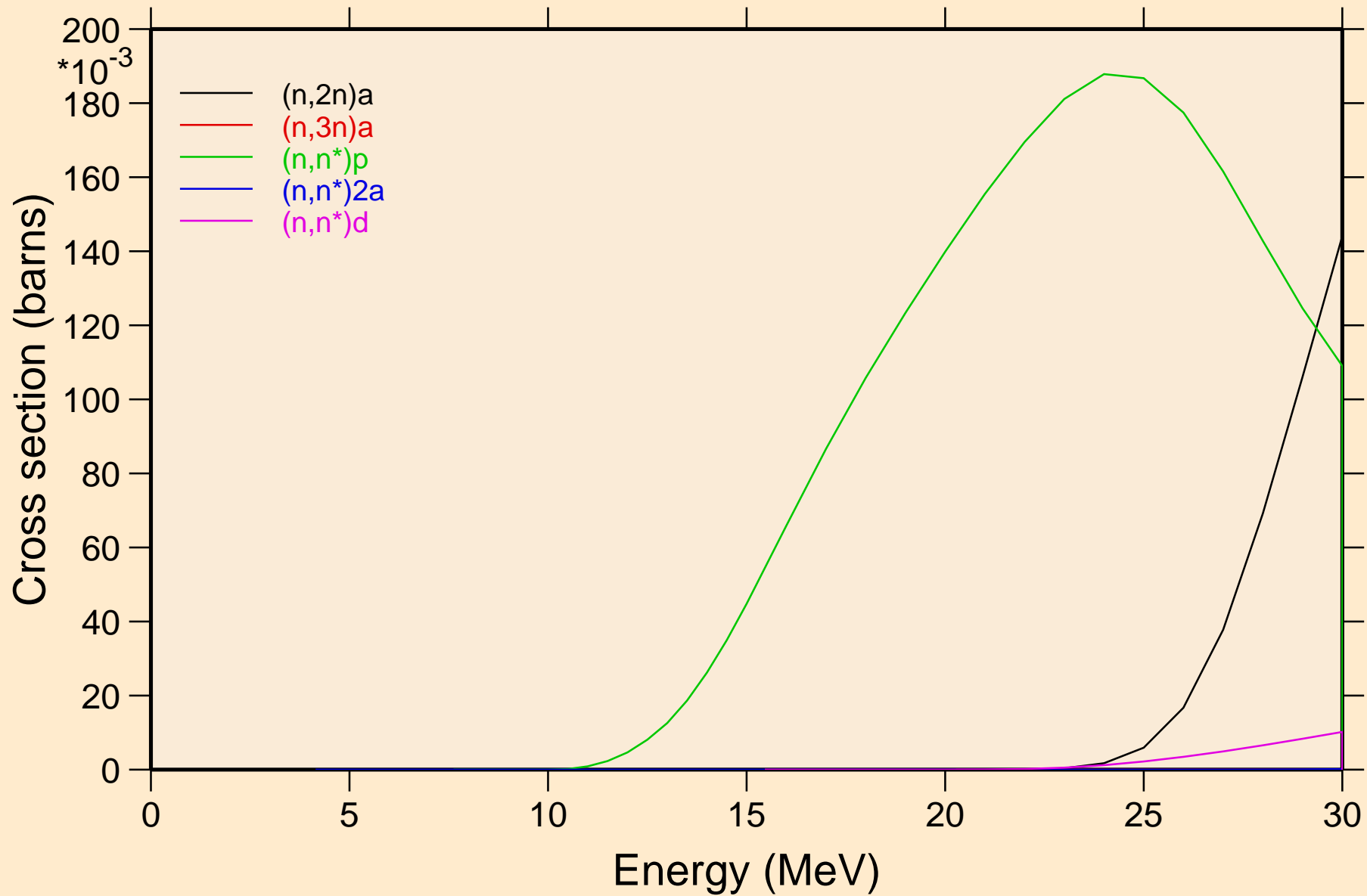
# SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



# SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

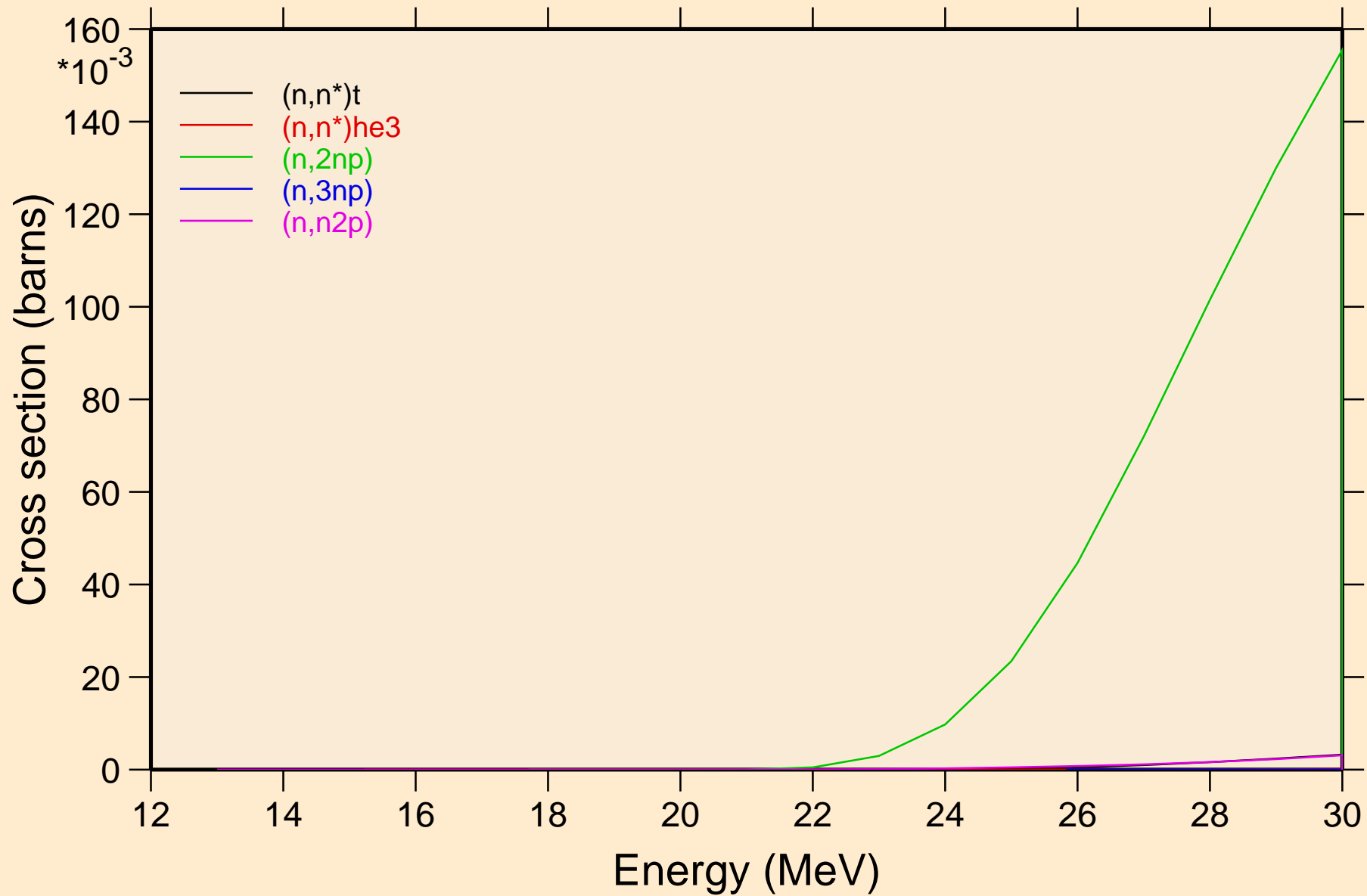
## Threshold reactions





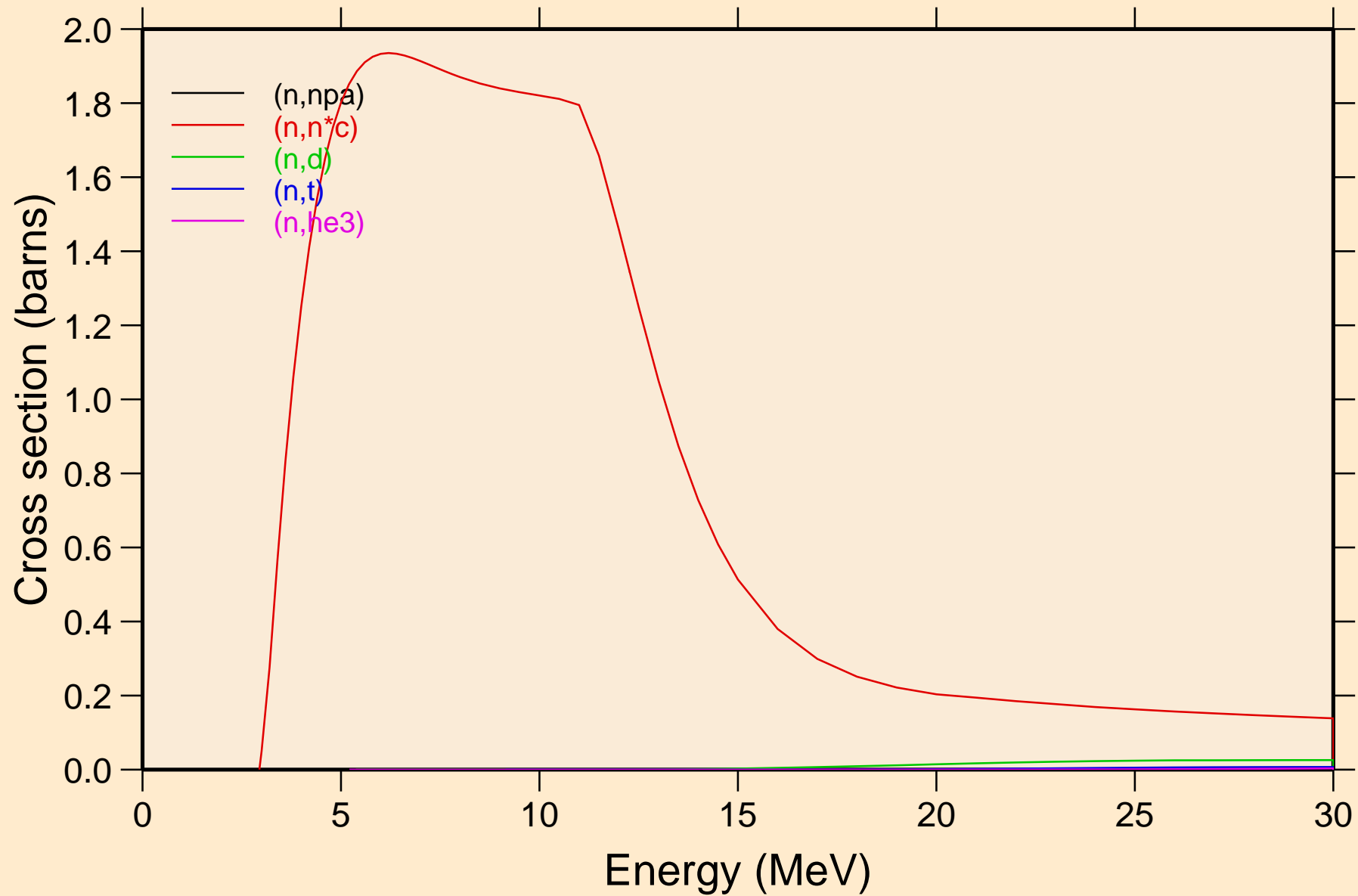
# SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



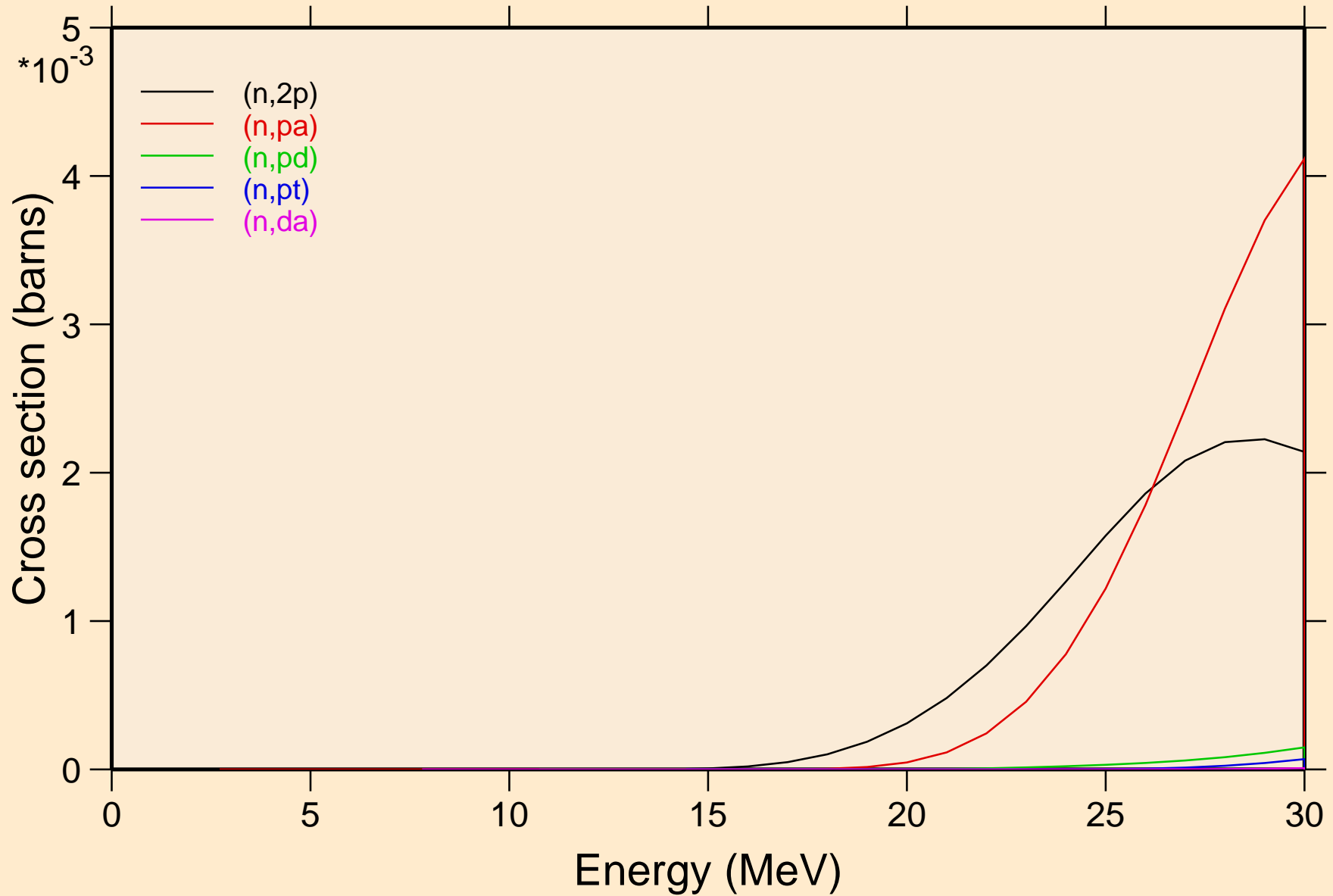
# SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



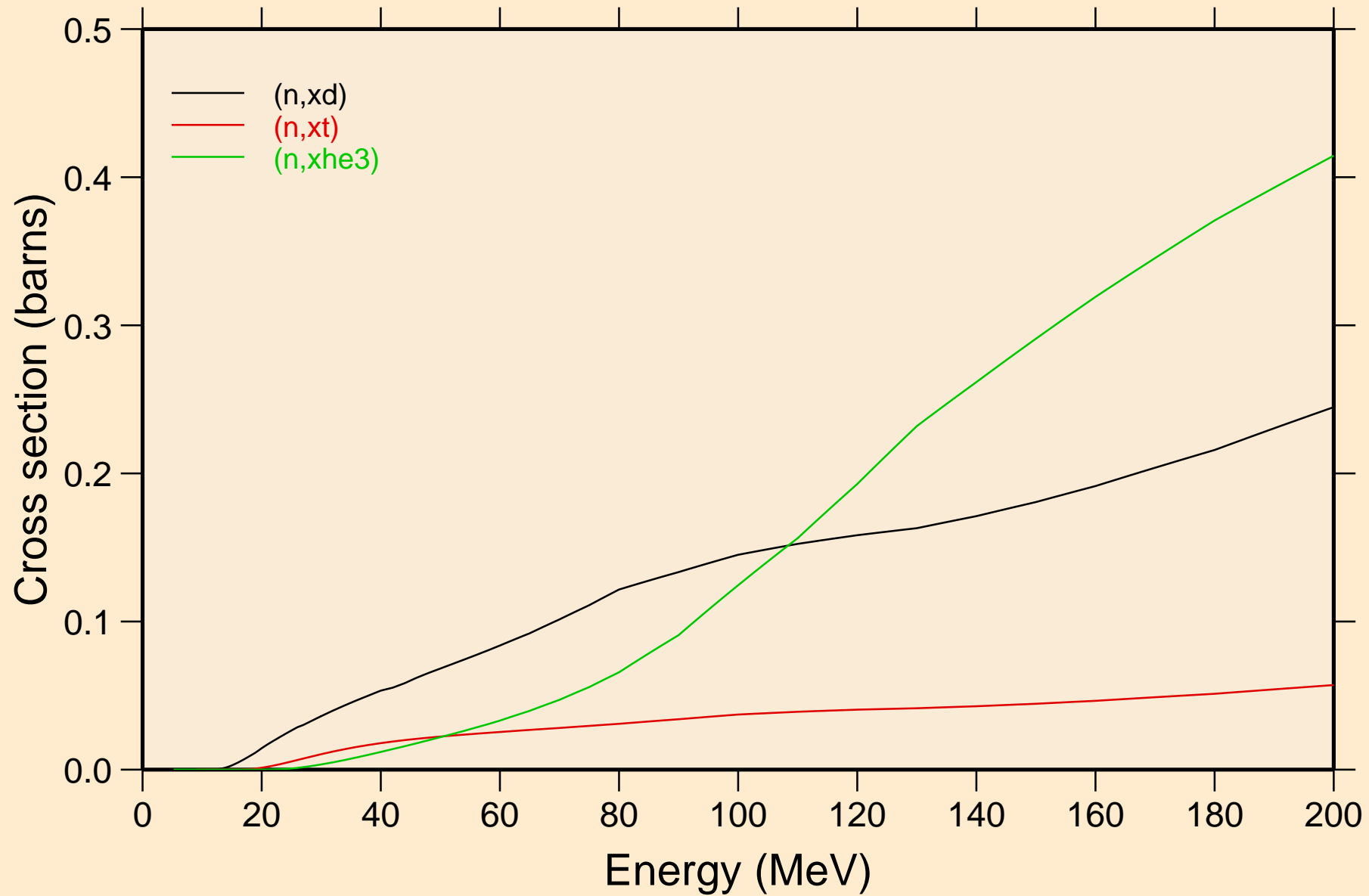
# SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

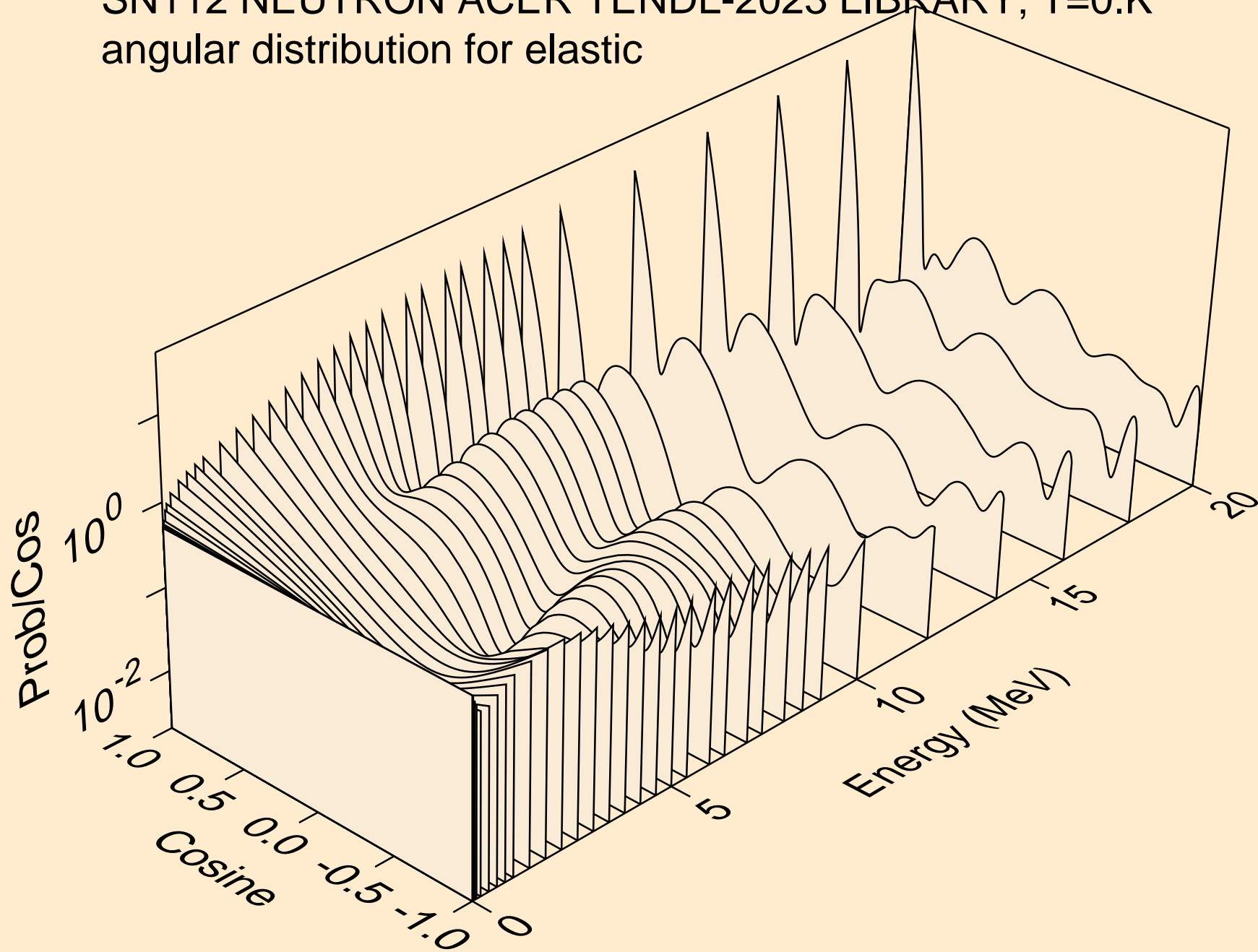


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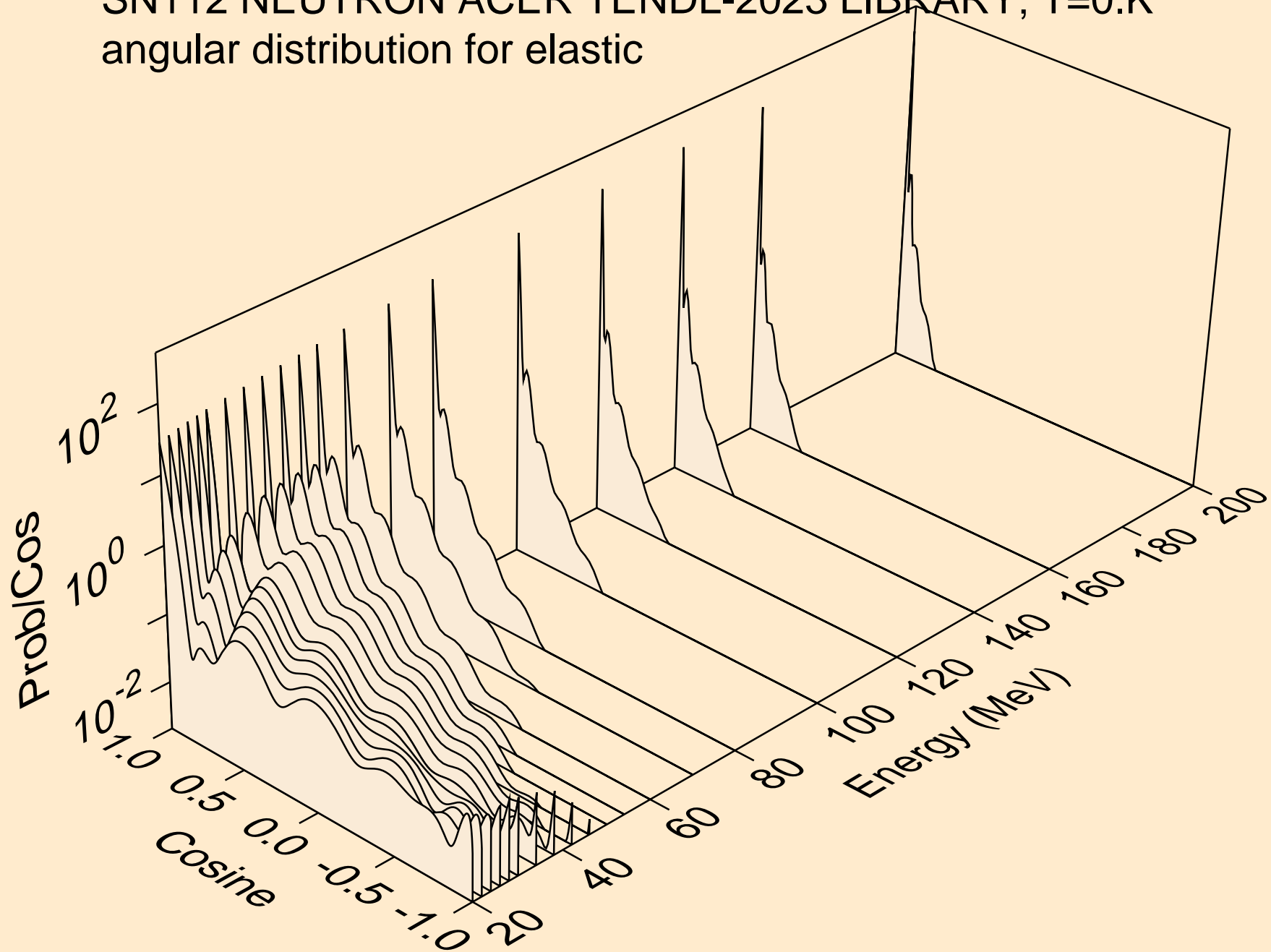
## Threshold reactions



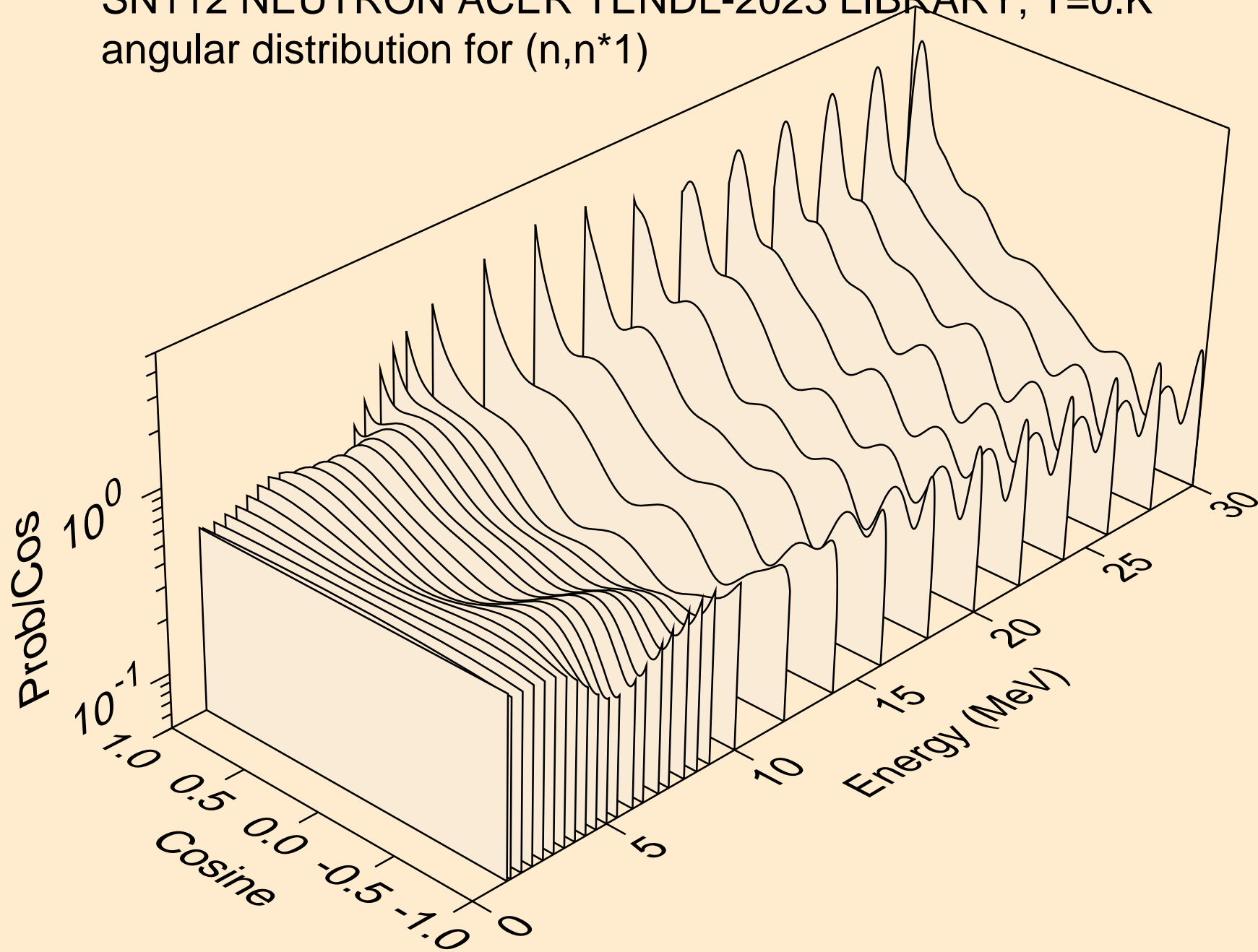
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



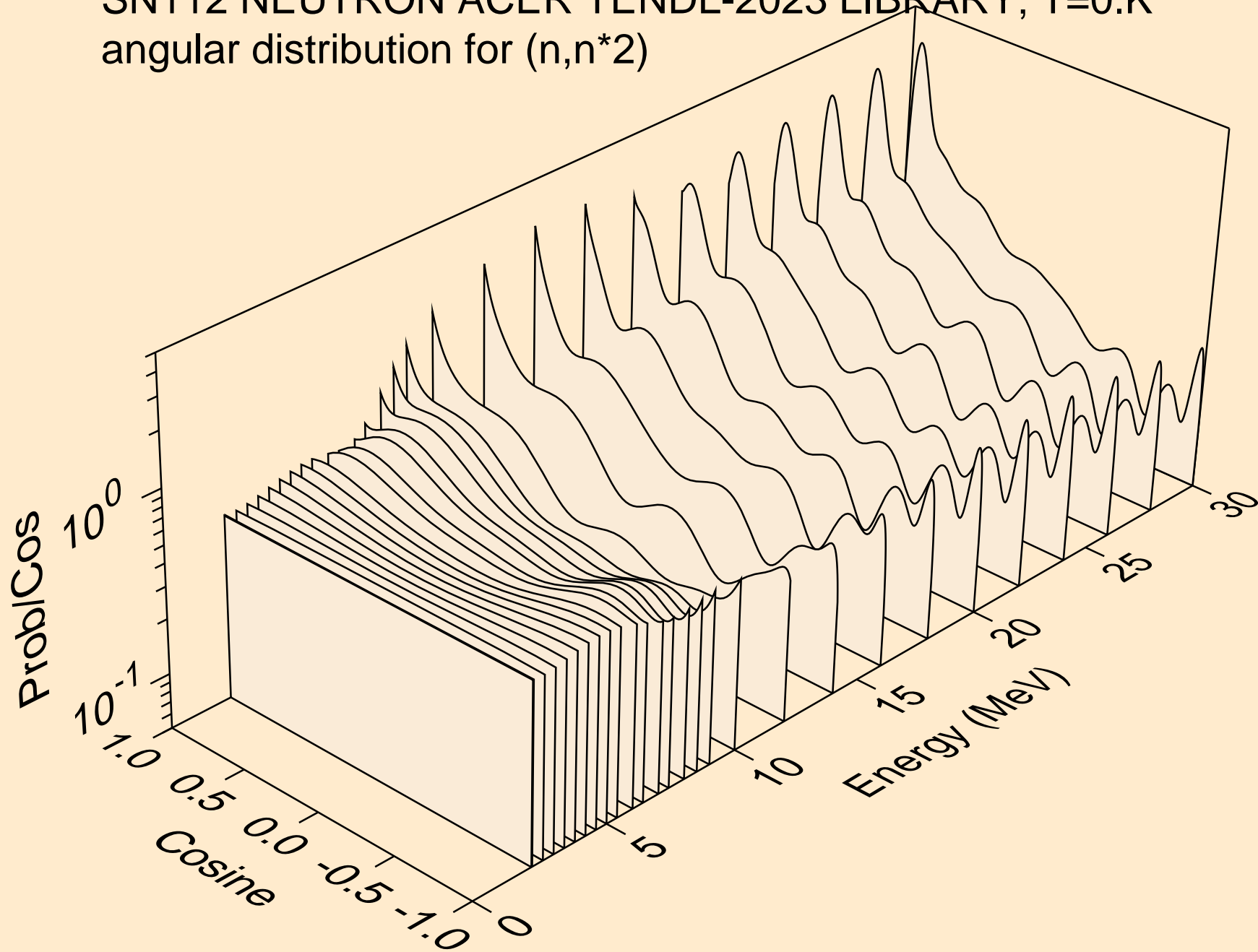
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

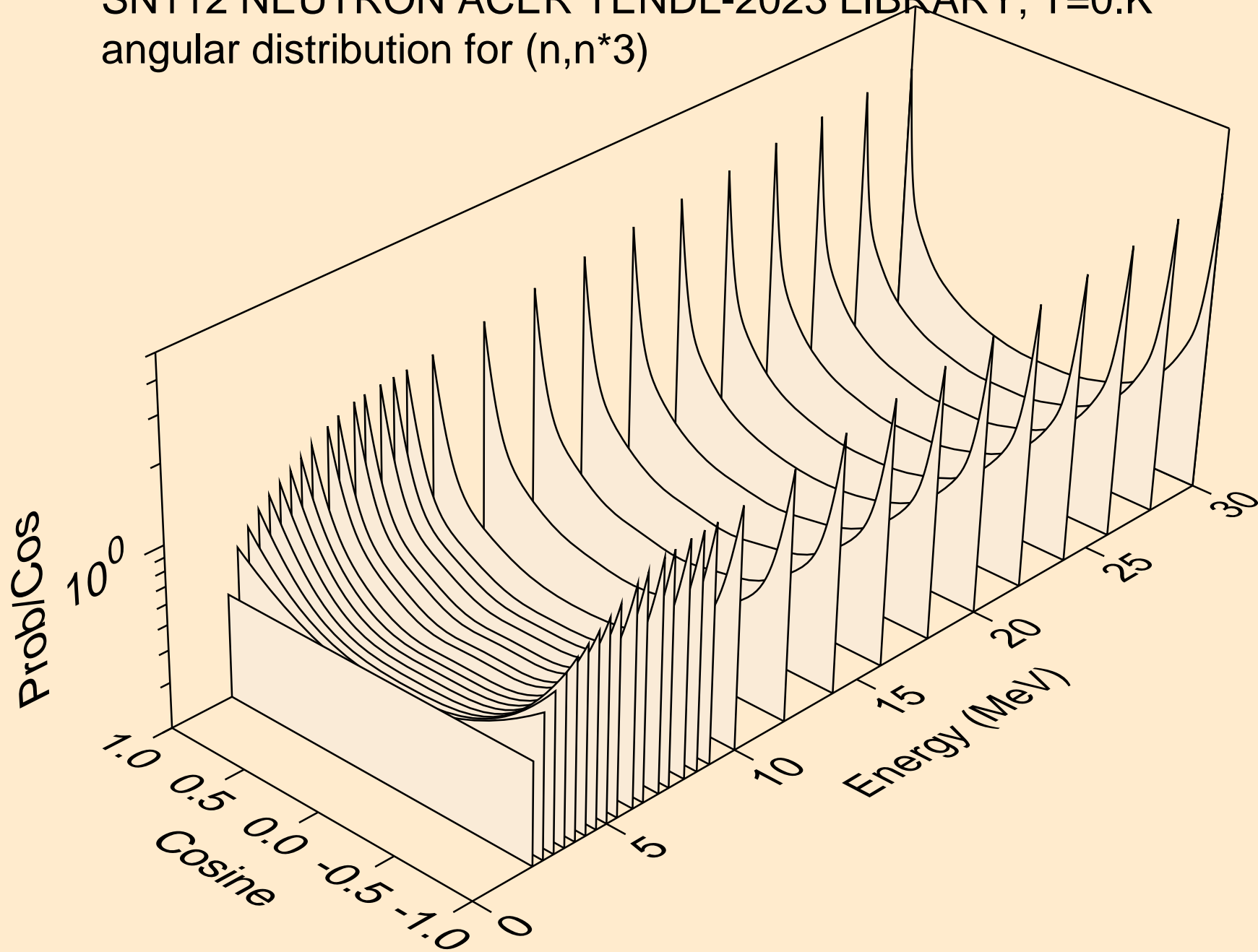


SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

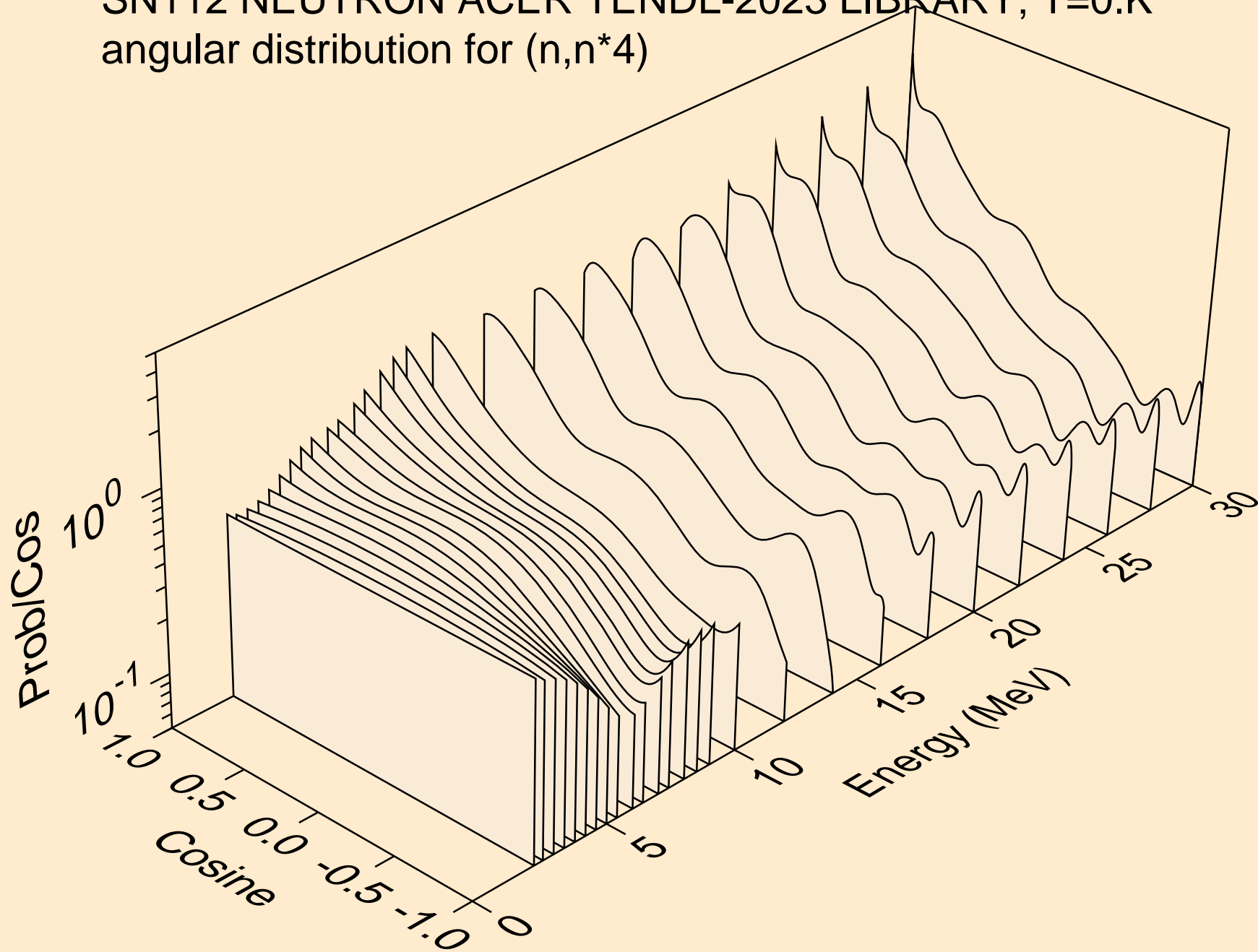




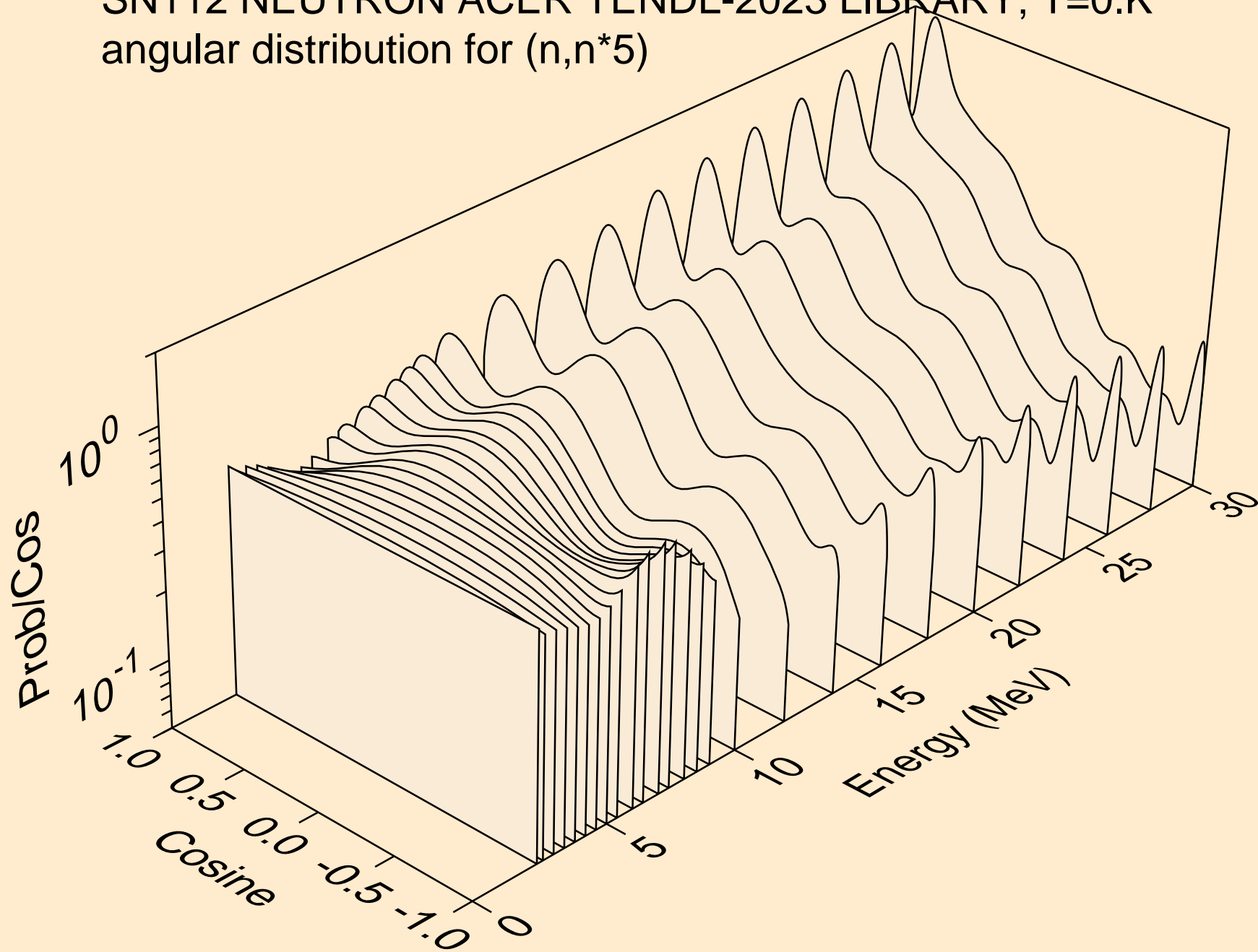
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



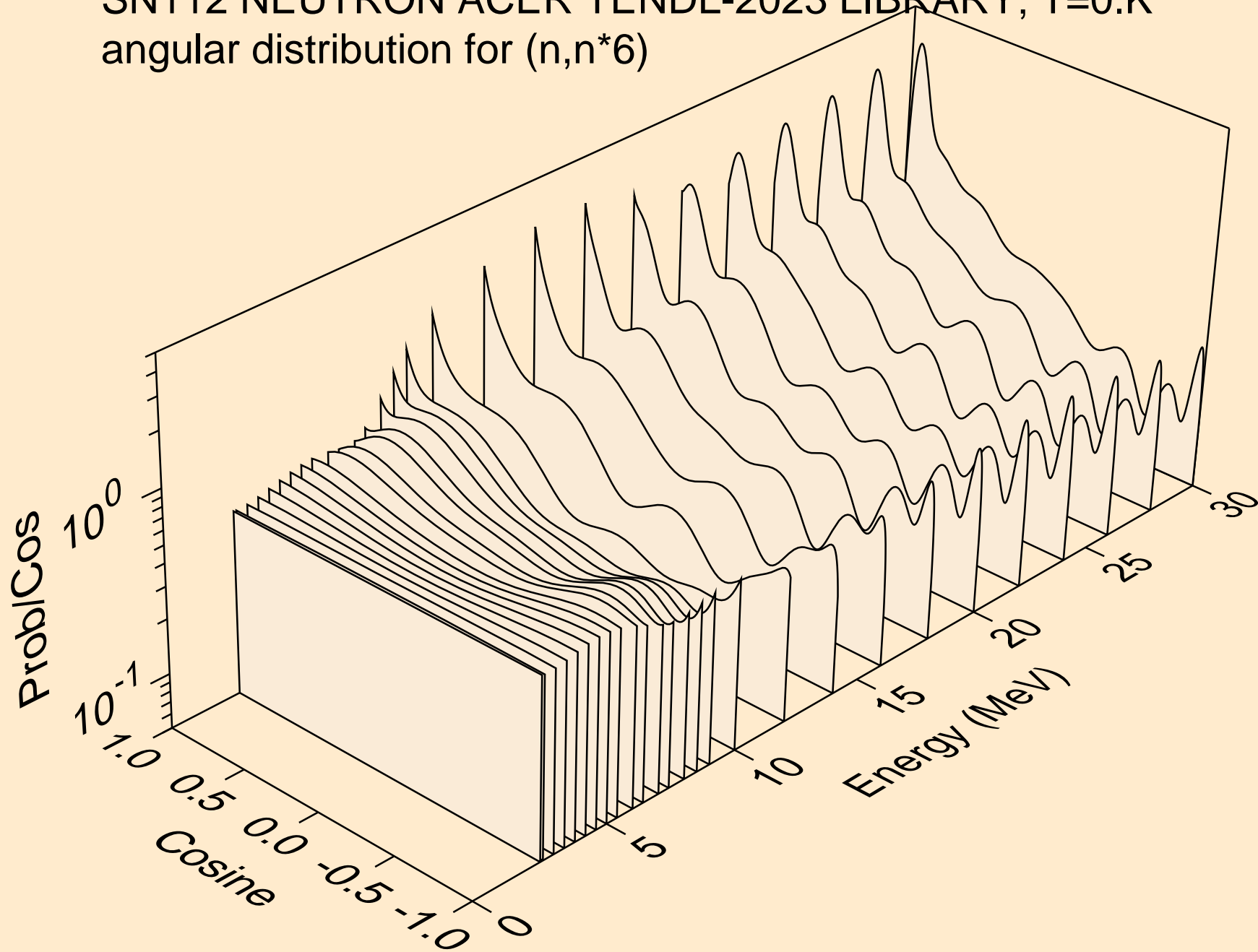
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



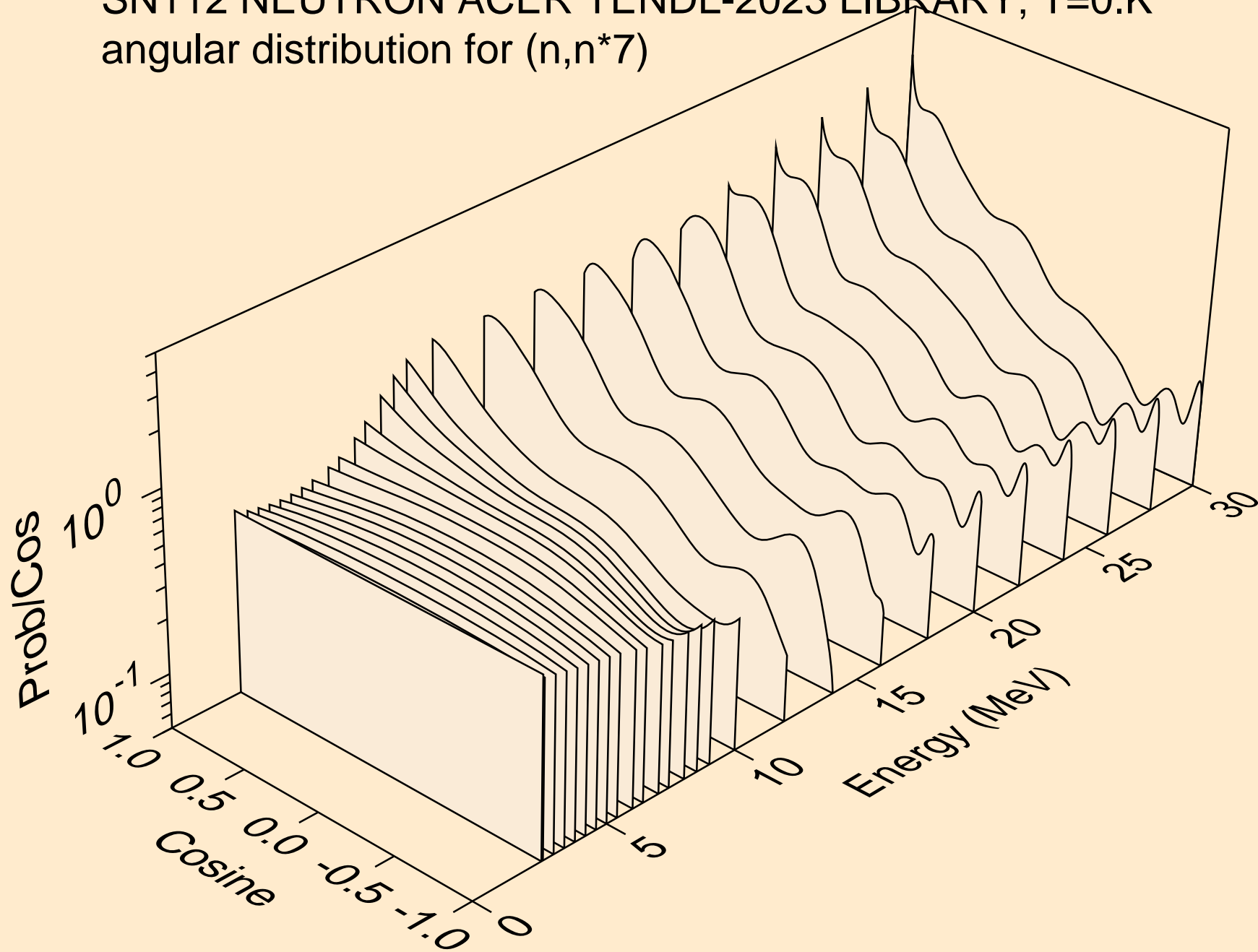
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



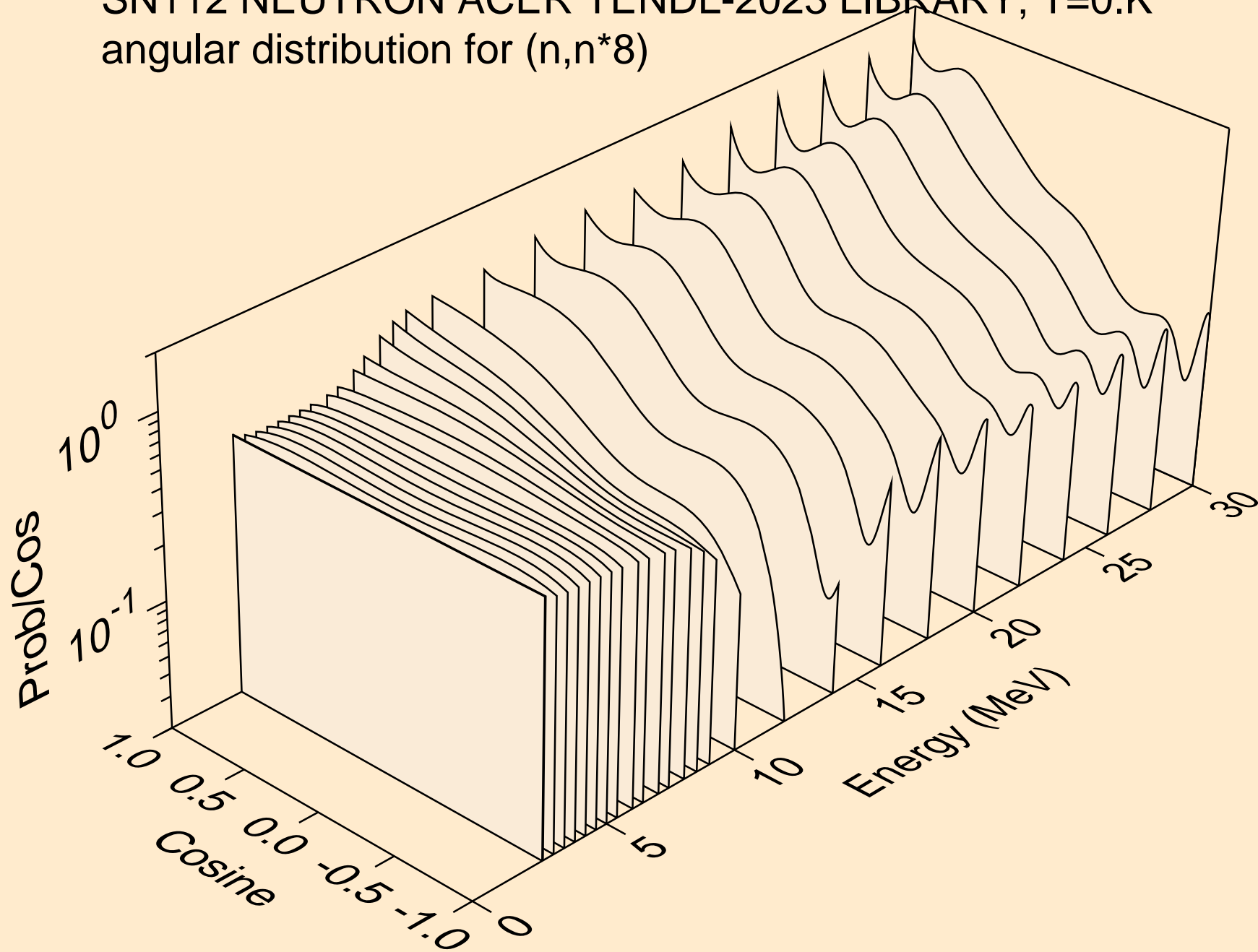
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angular distribution for (n,n\*6)



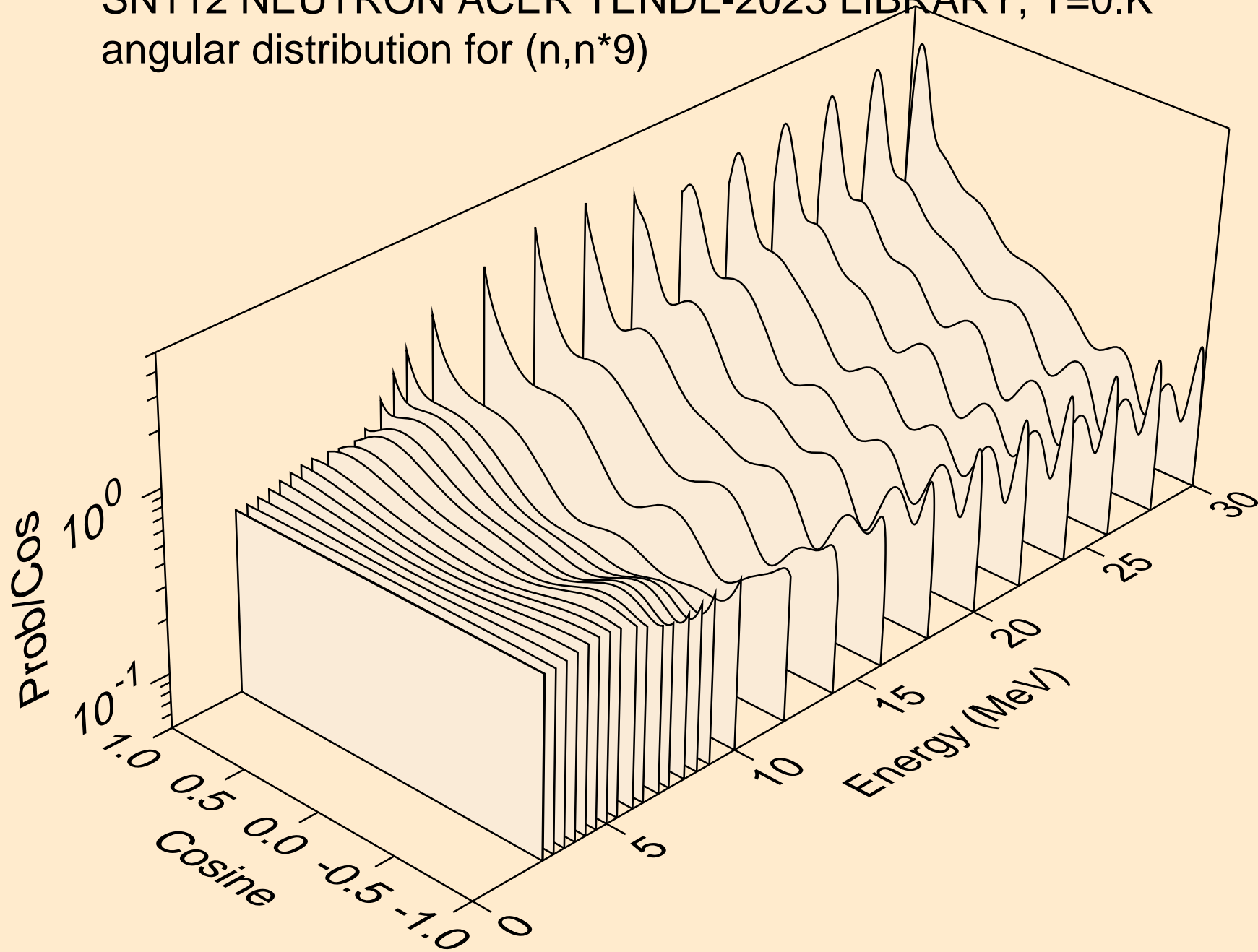
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angular distribution for (n,n\*7)



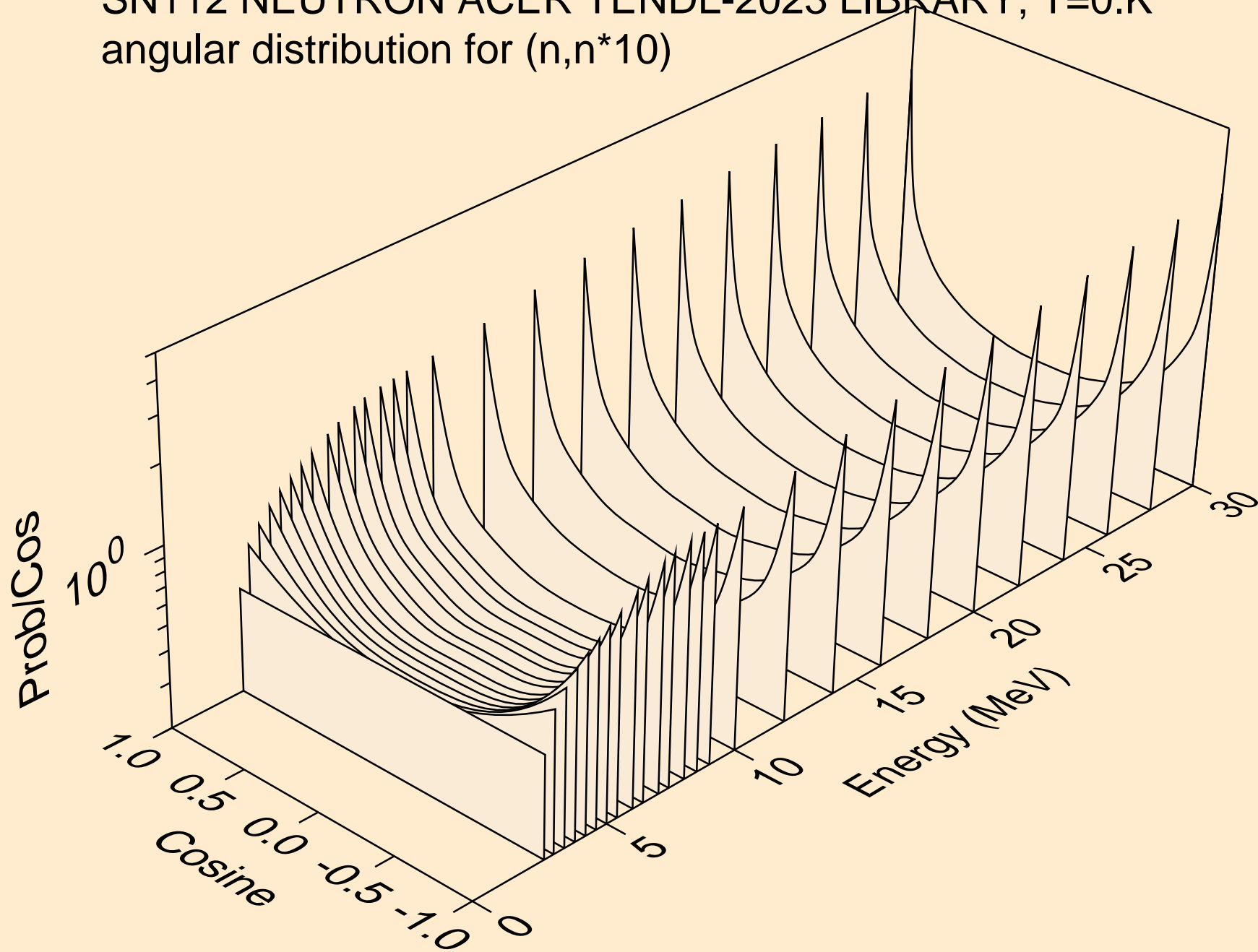
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

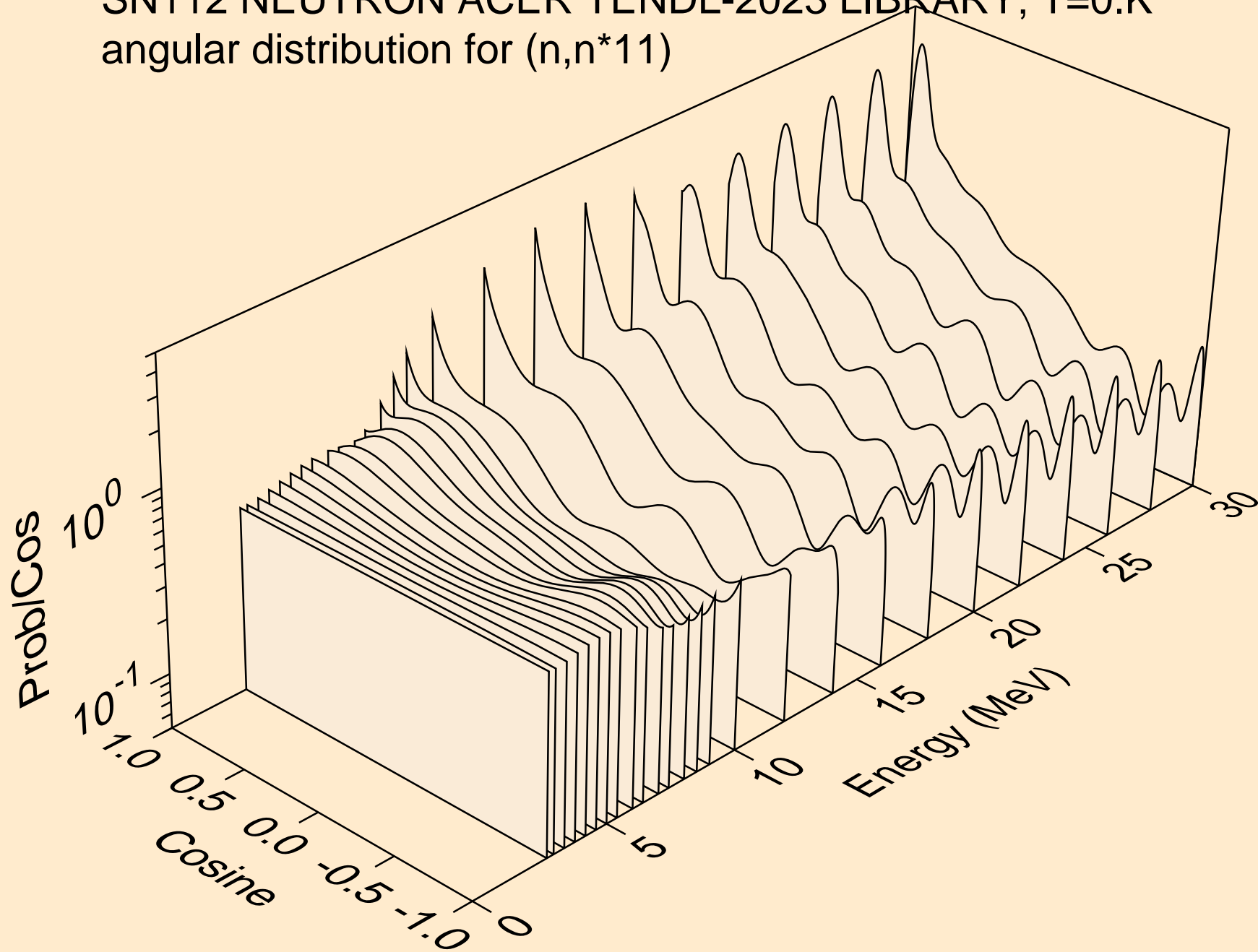


SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

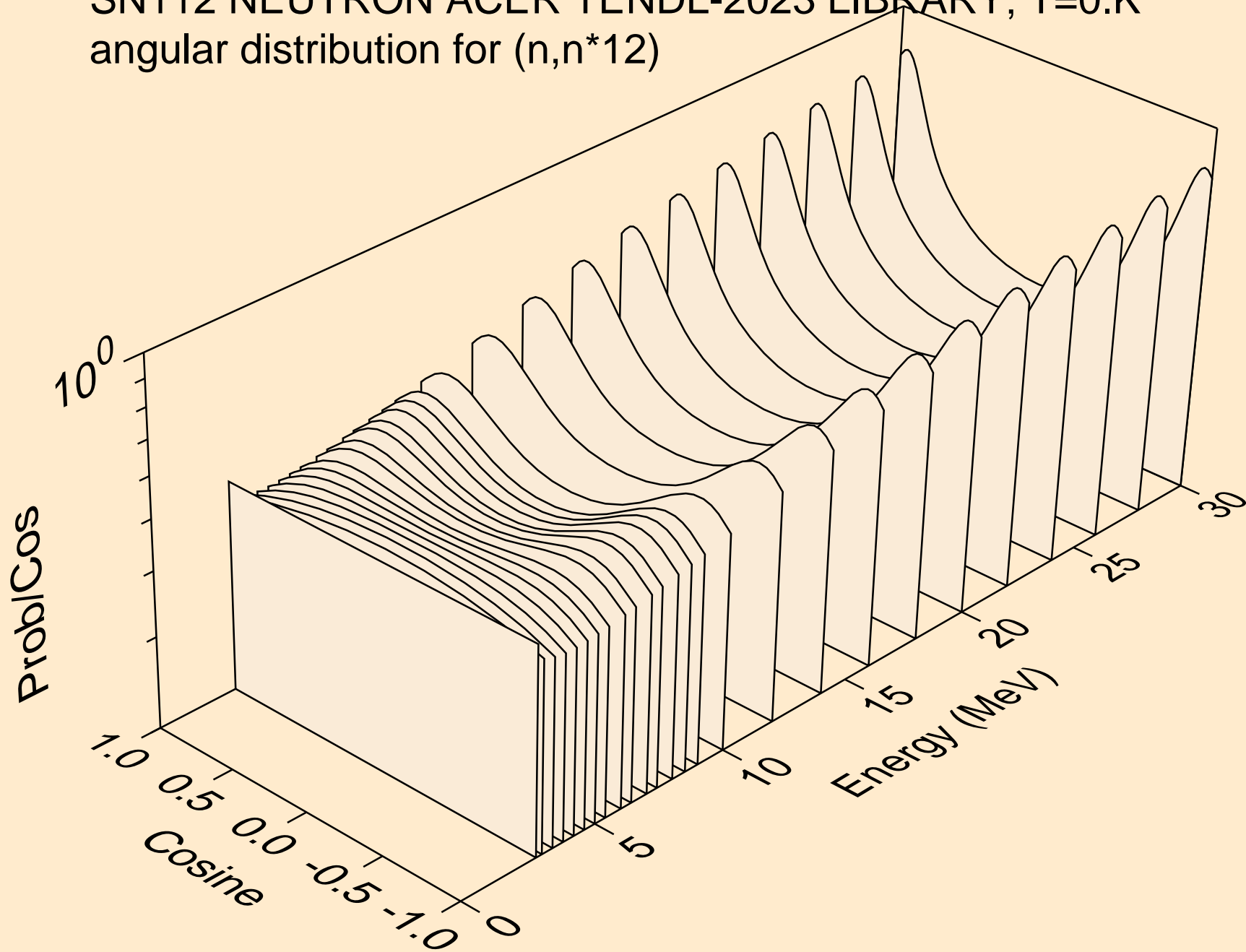




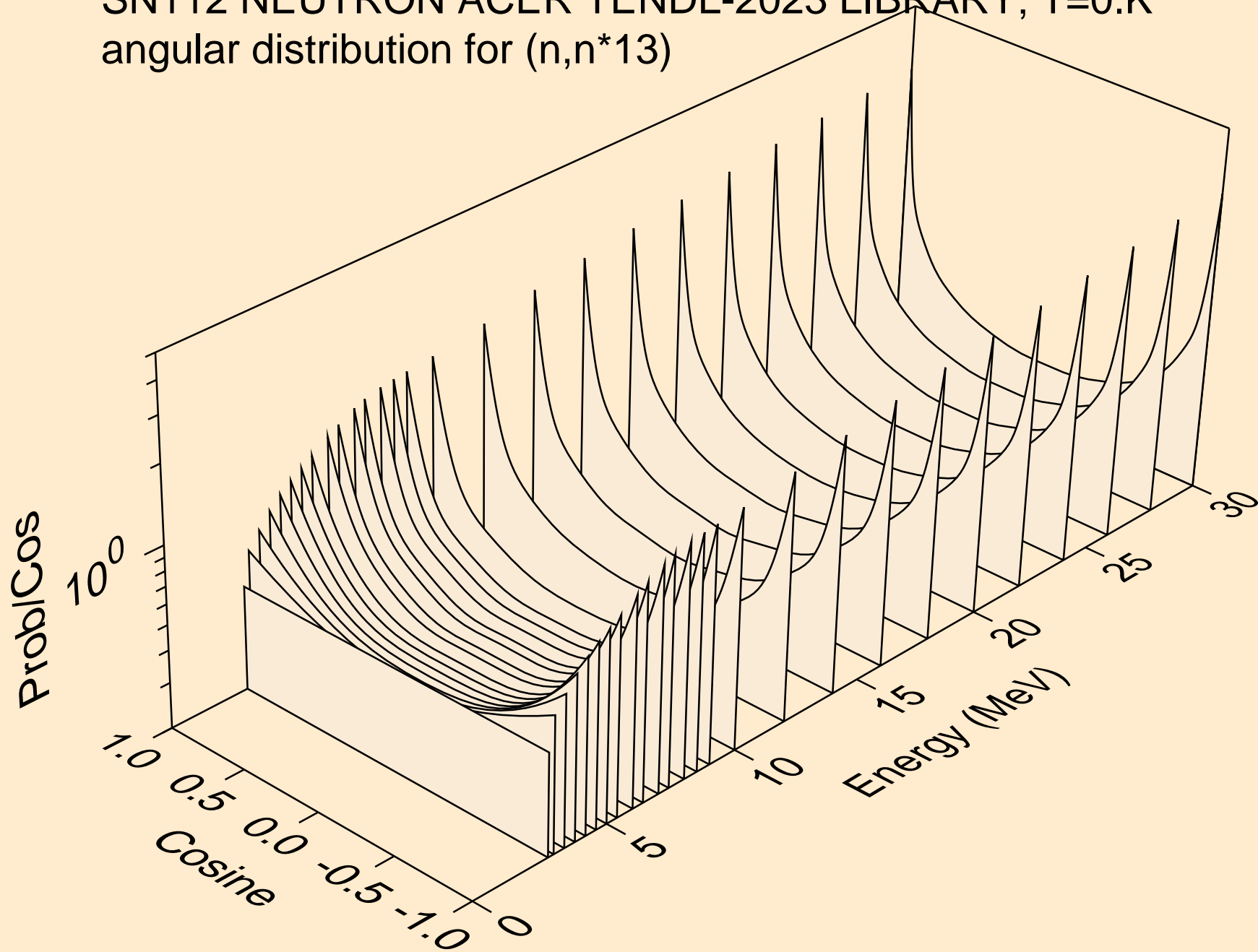
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



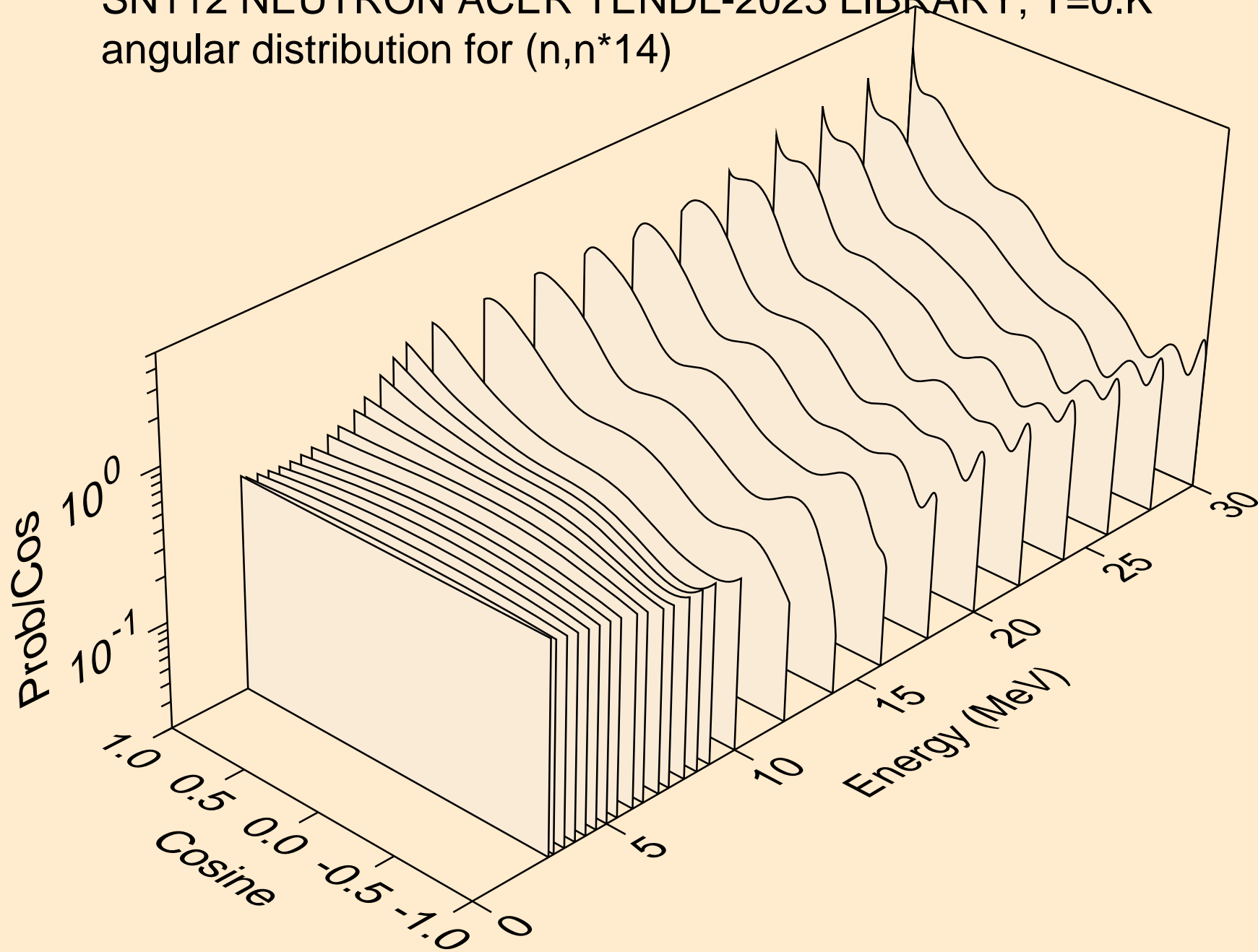
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



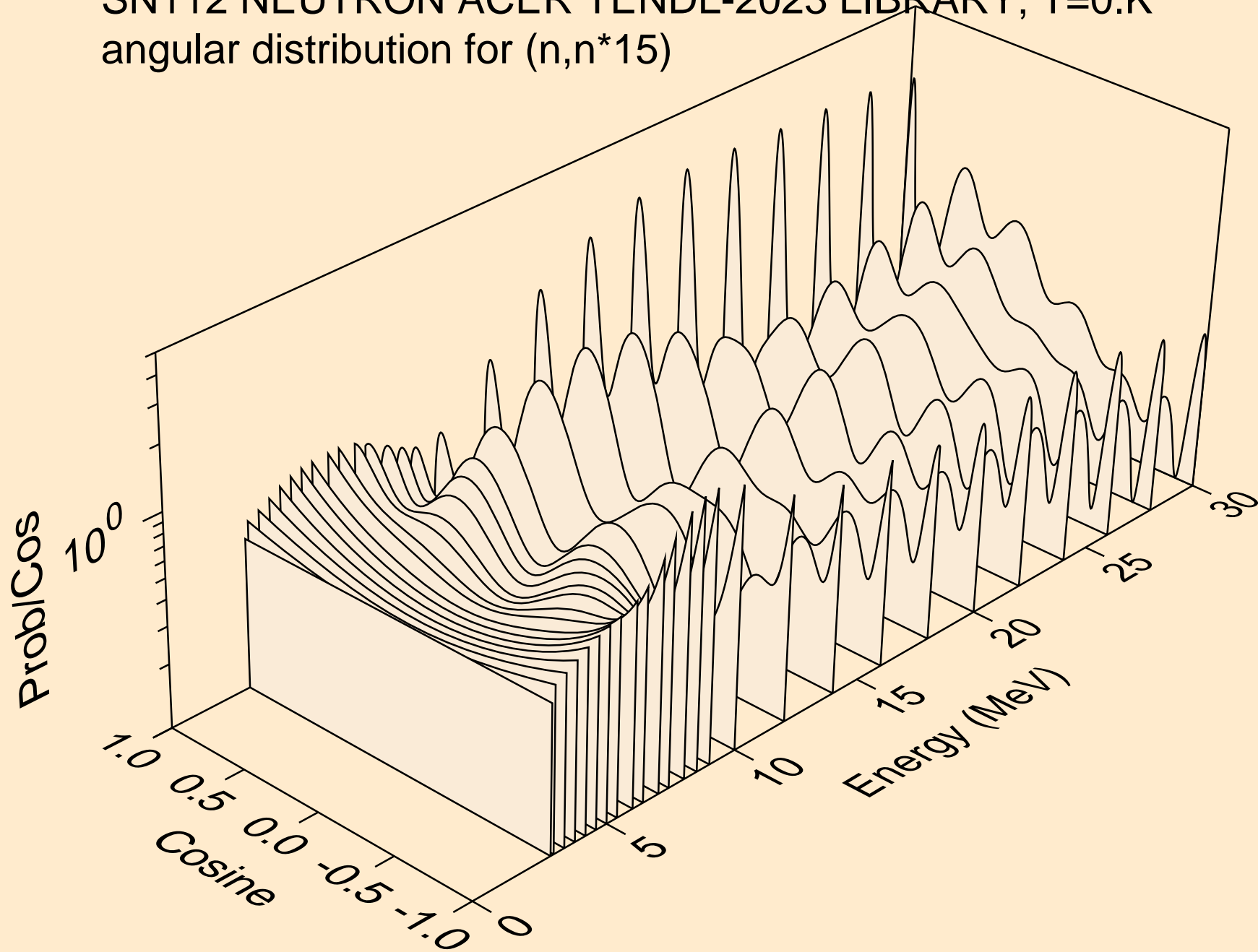
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angular distribution for (n,n\*13)



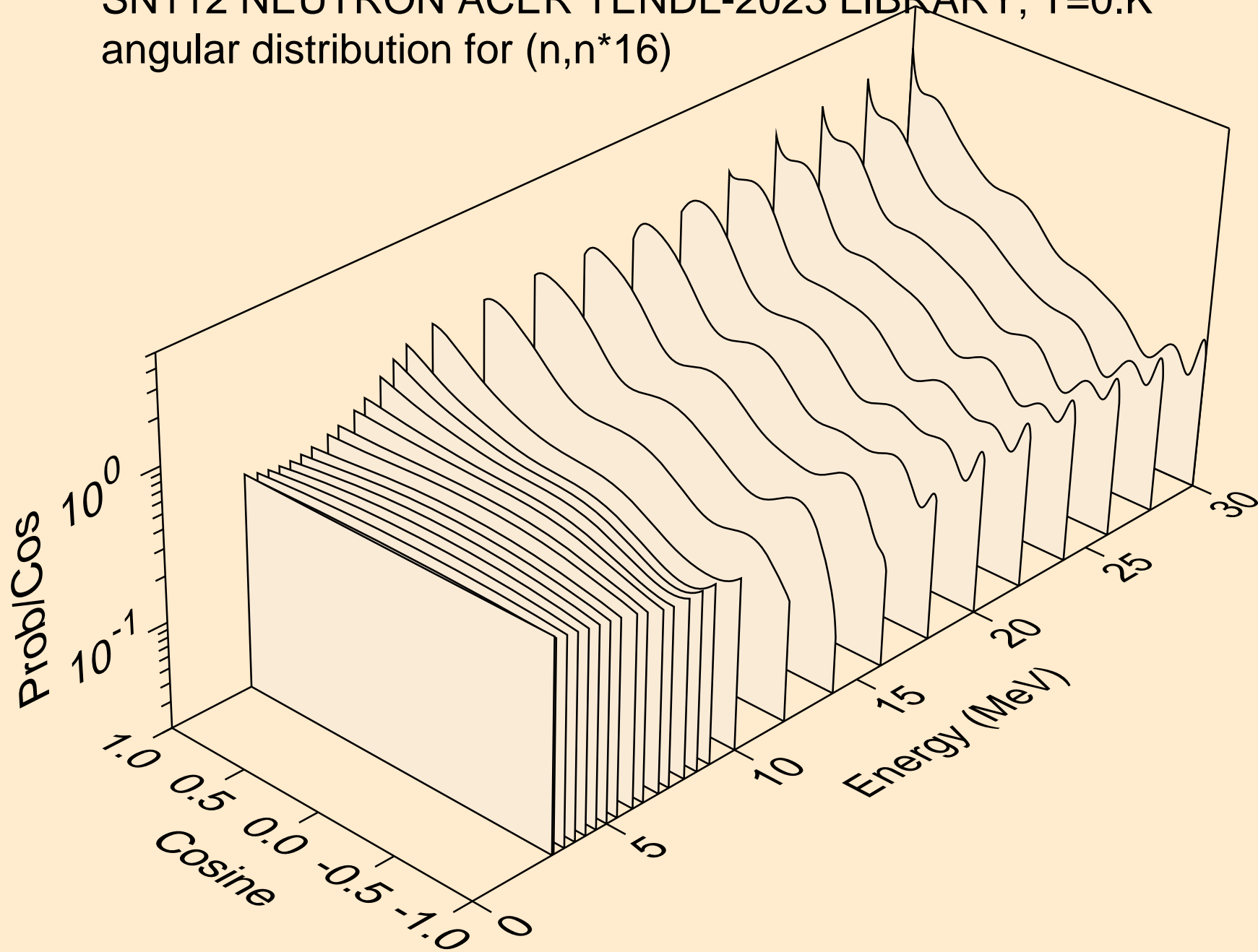
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angular distribution for (n,n\*14)



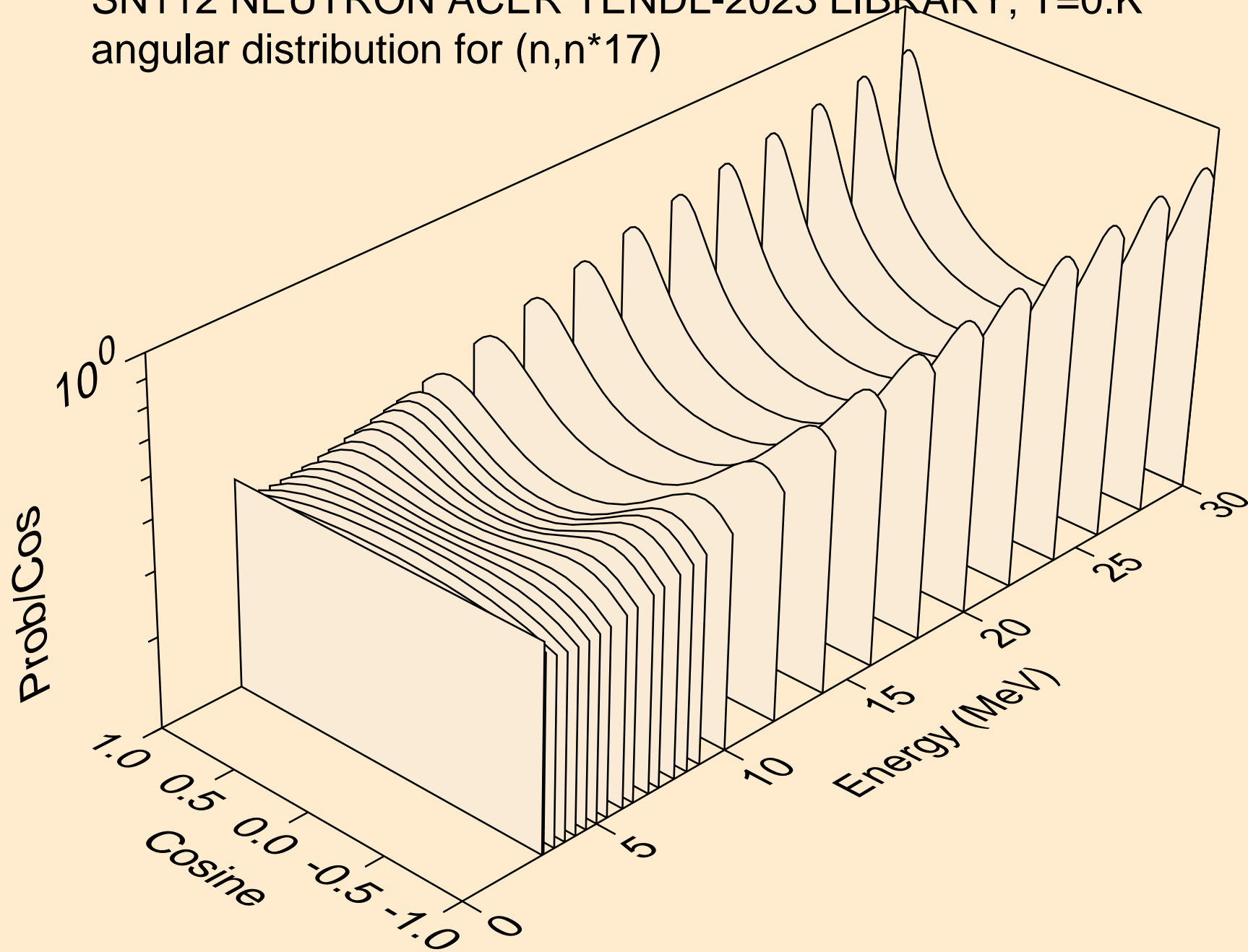
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angular distribution for (n,n\*15)



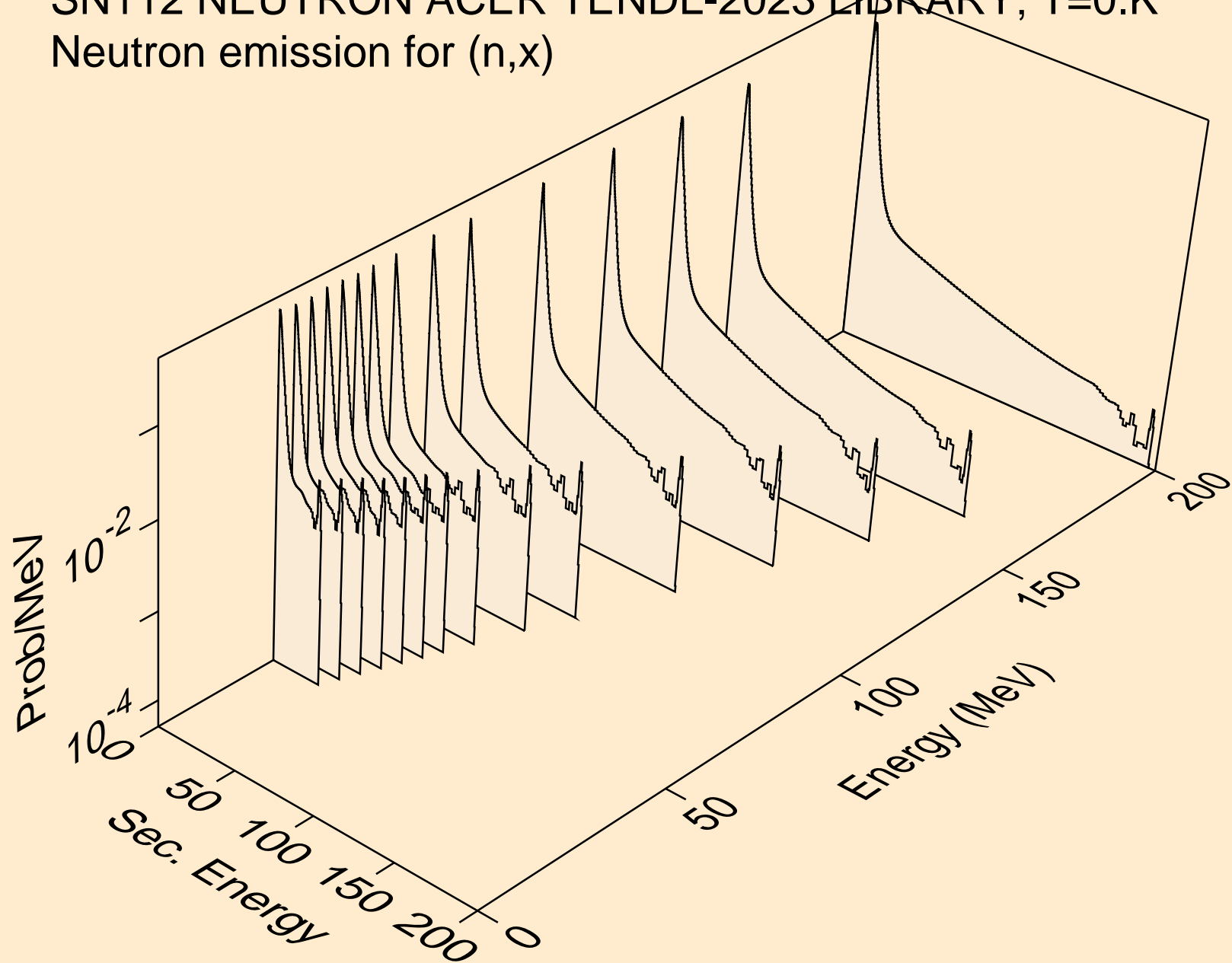
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

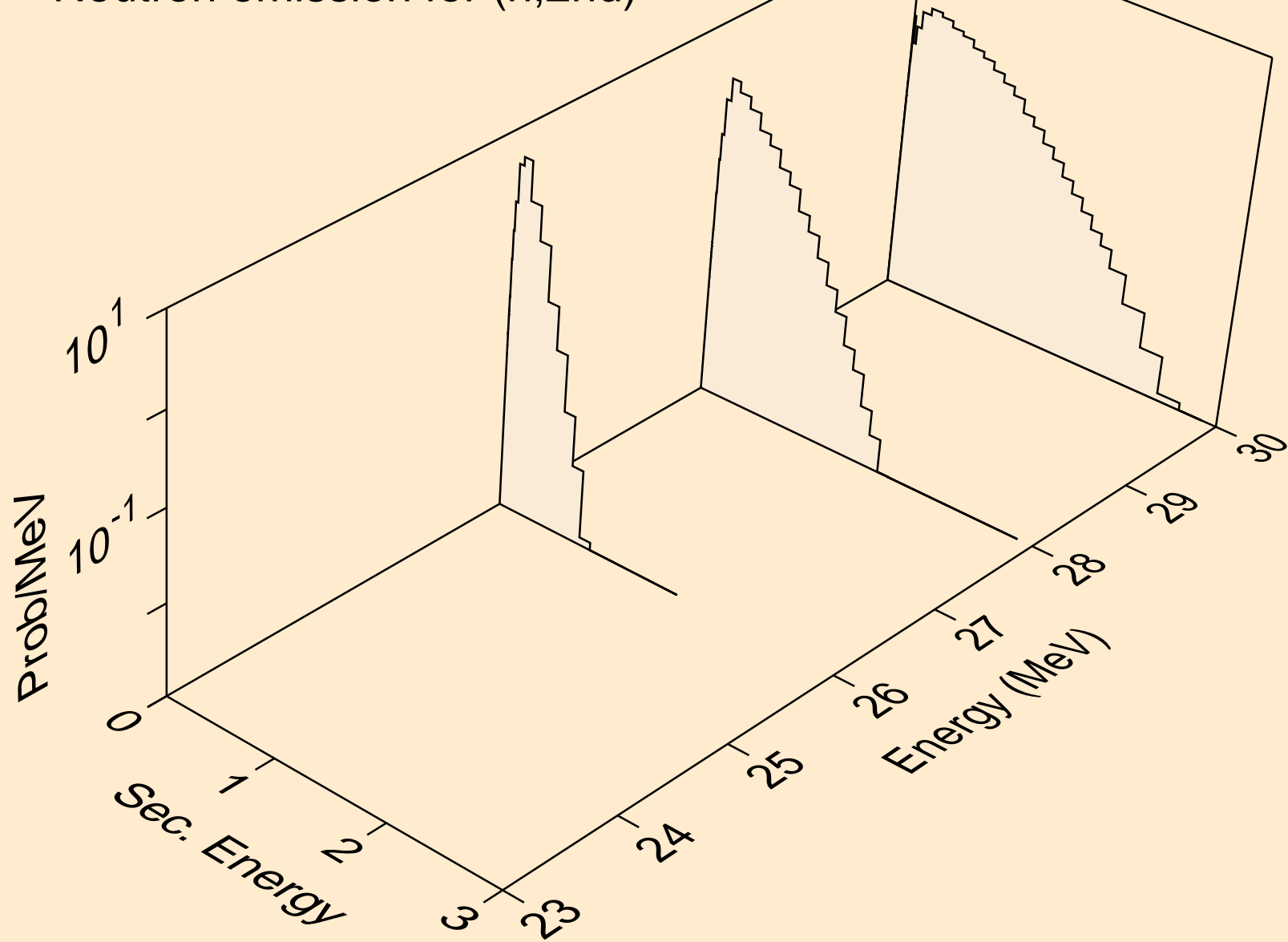


SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)

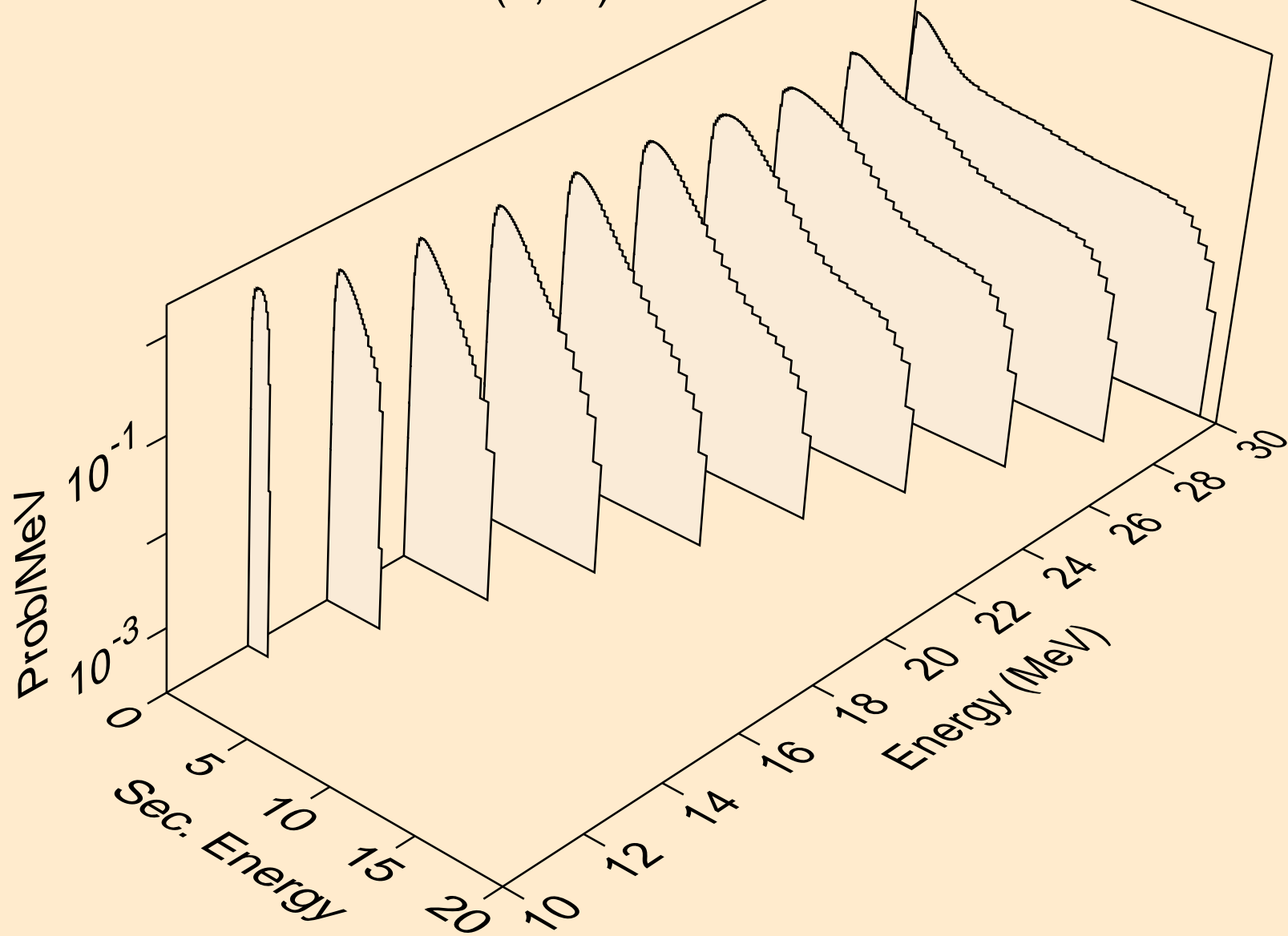




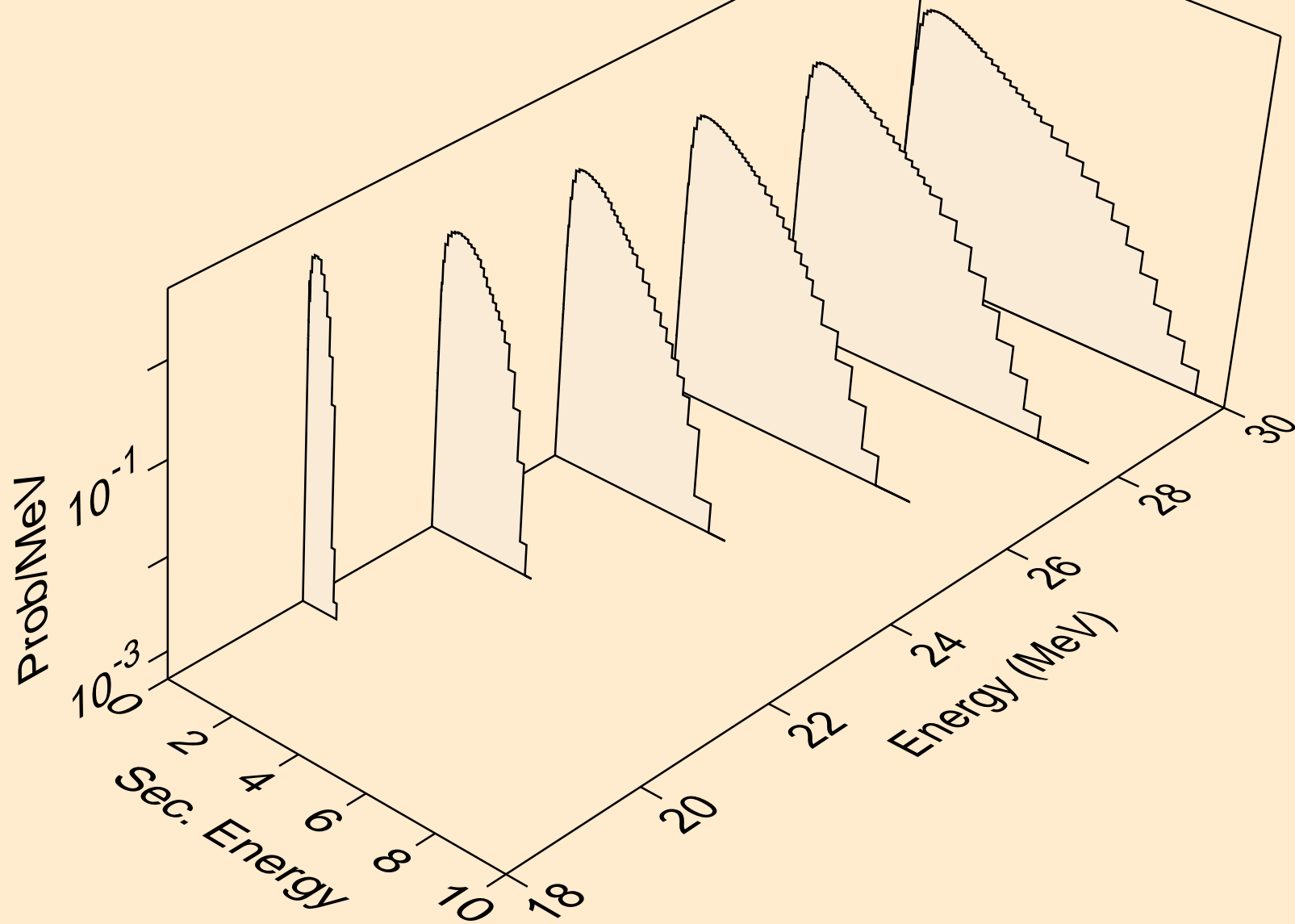
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



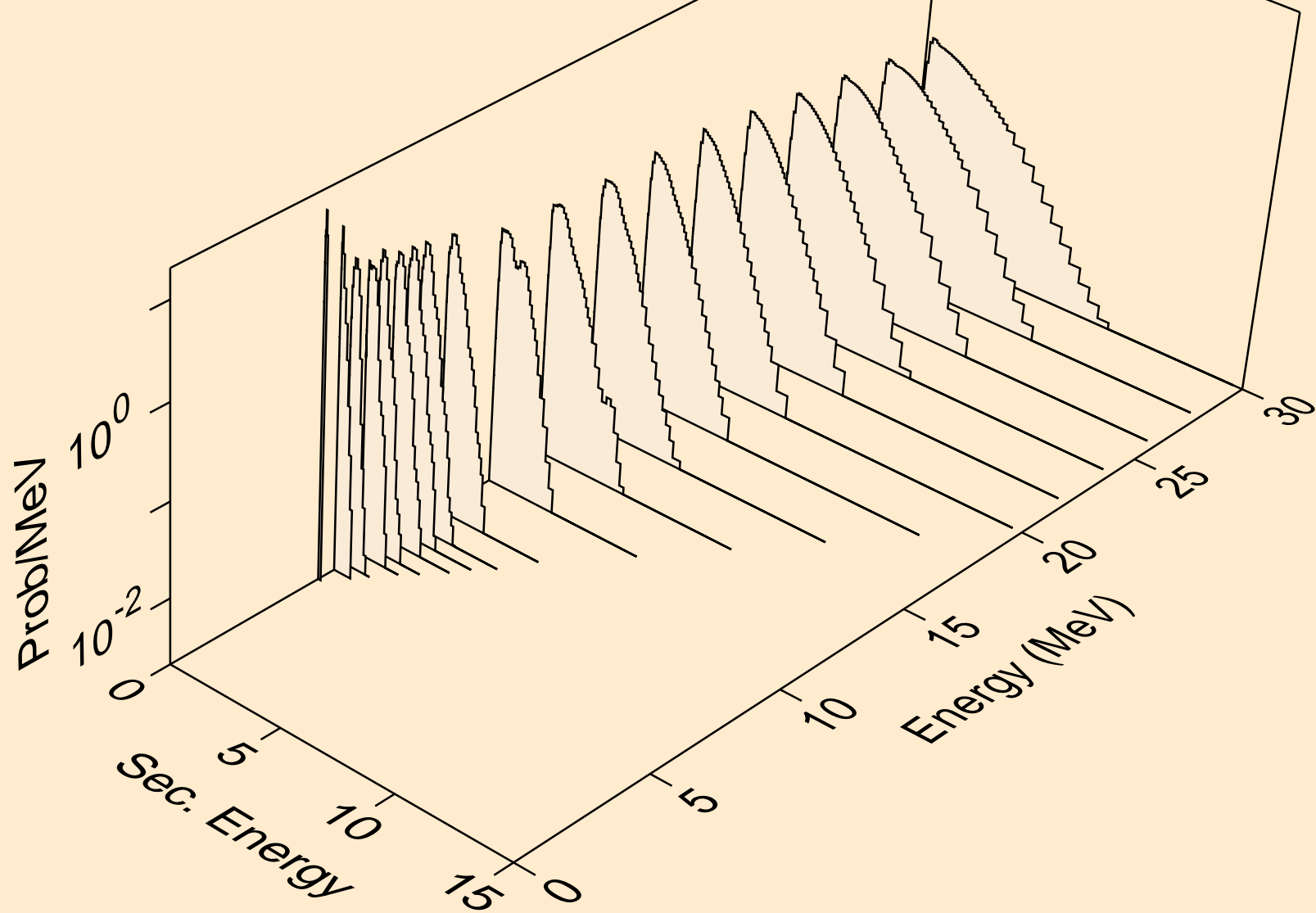
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



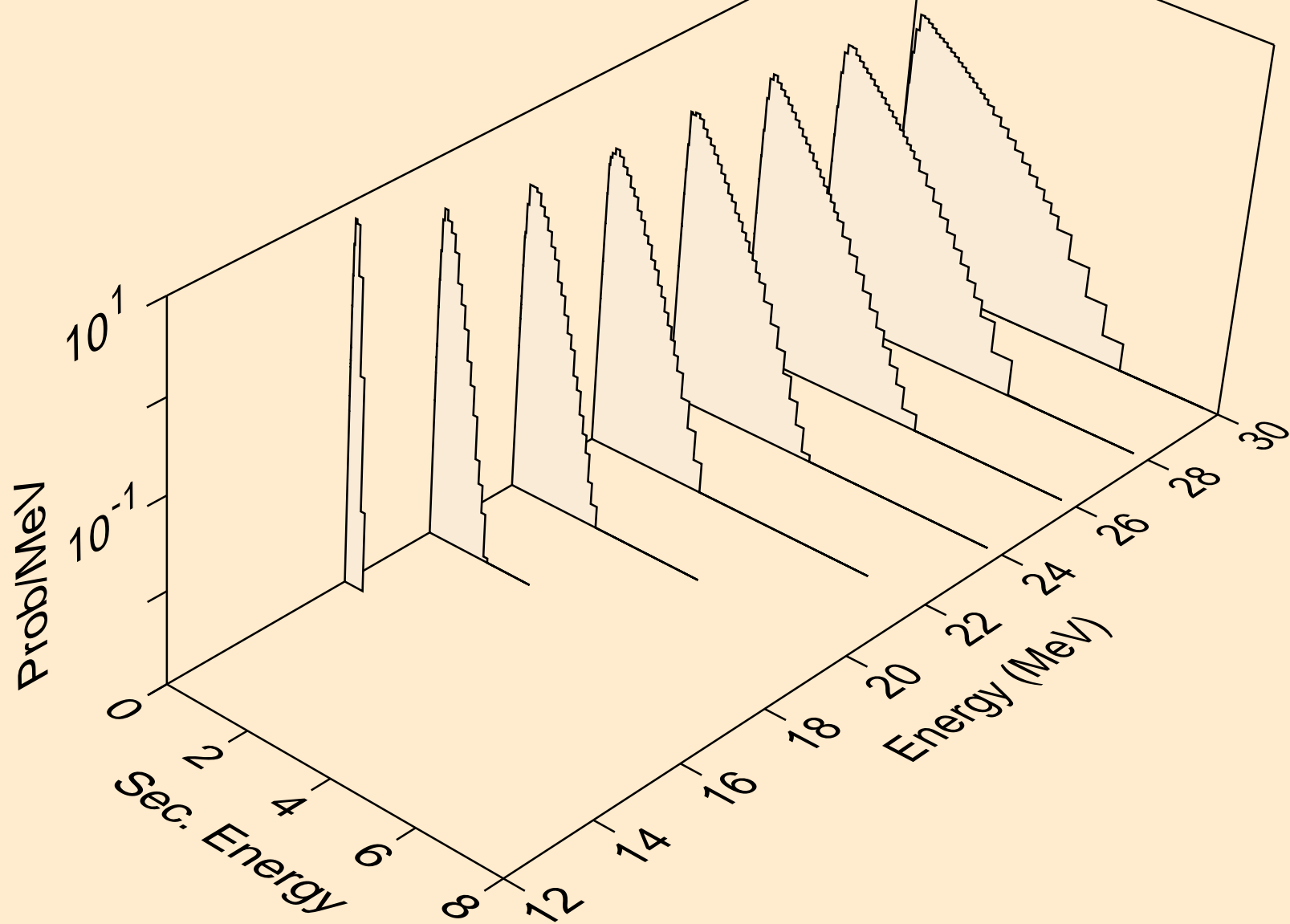
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



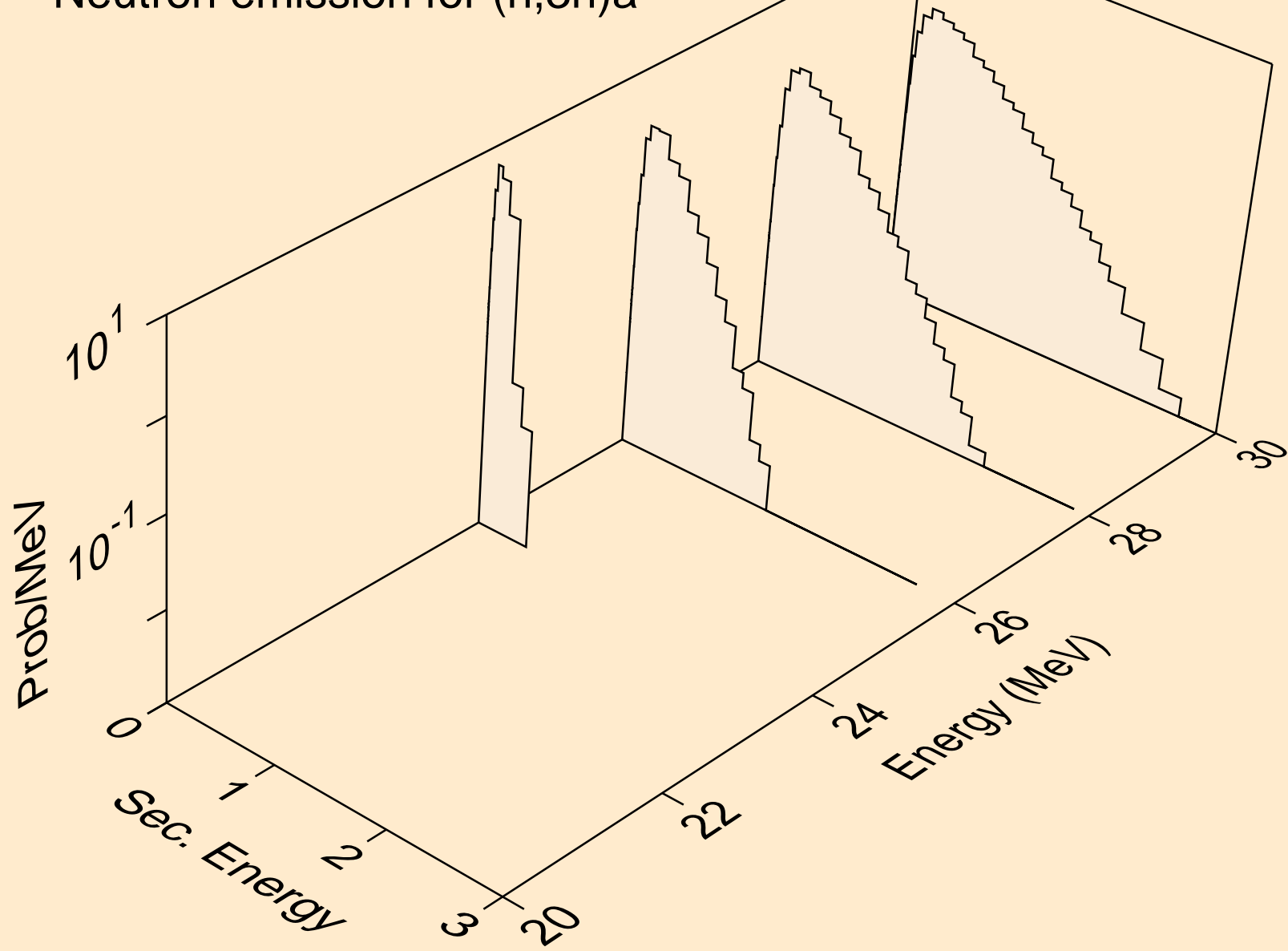
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



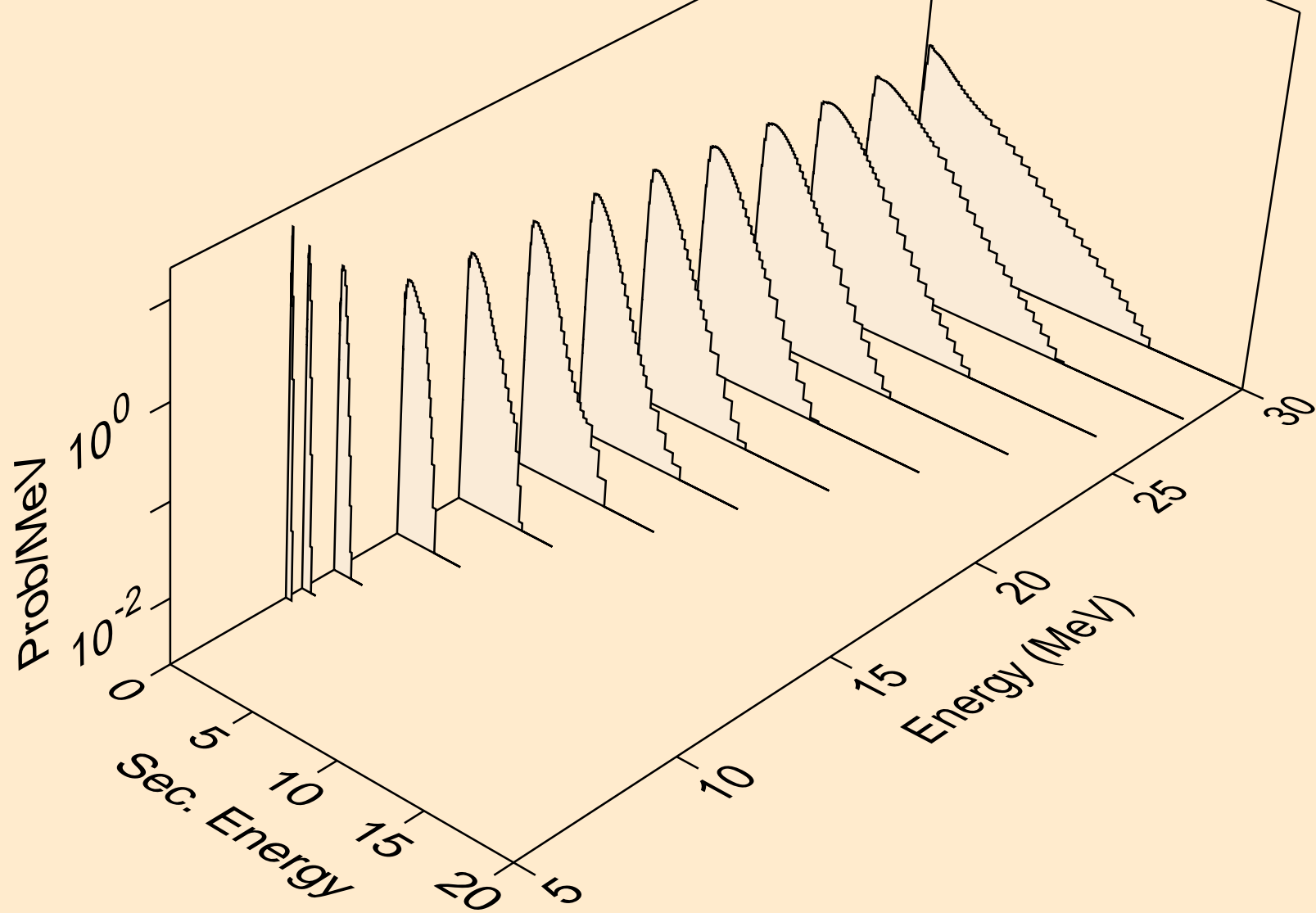
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



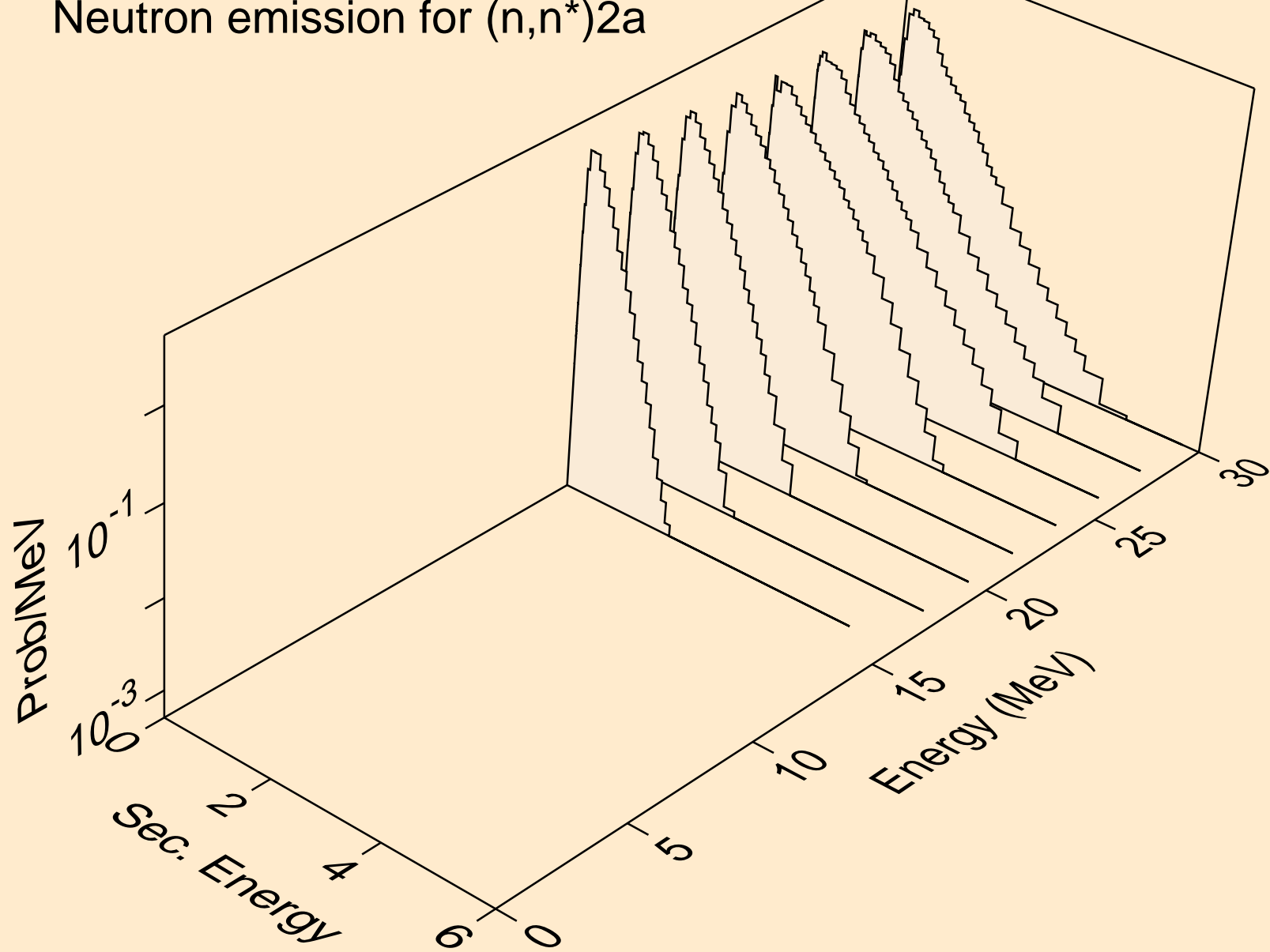
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

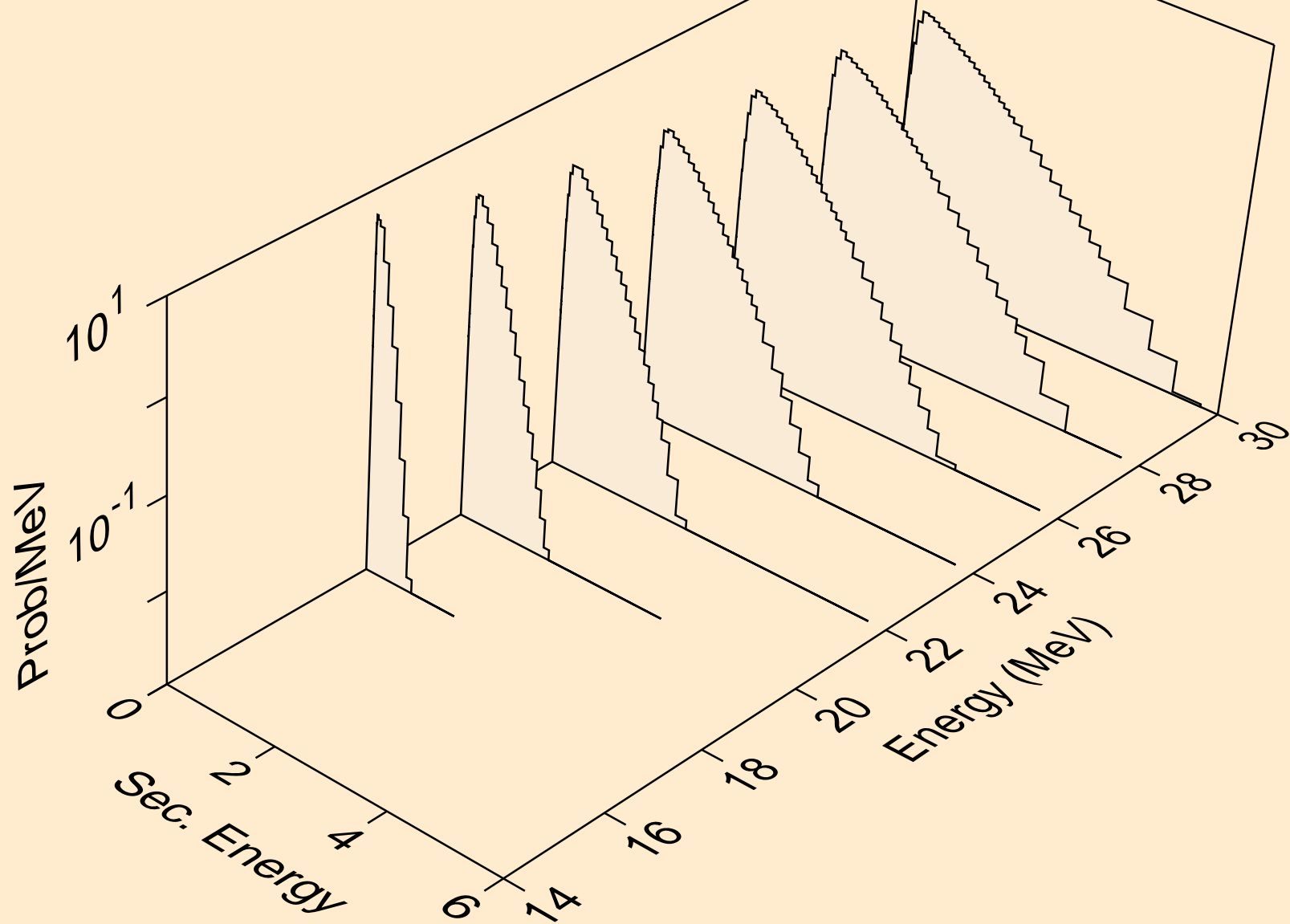


SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

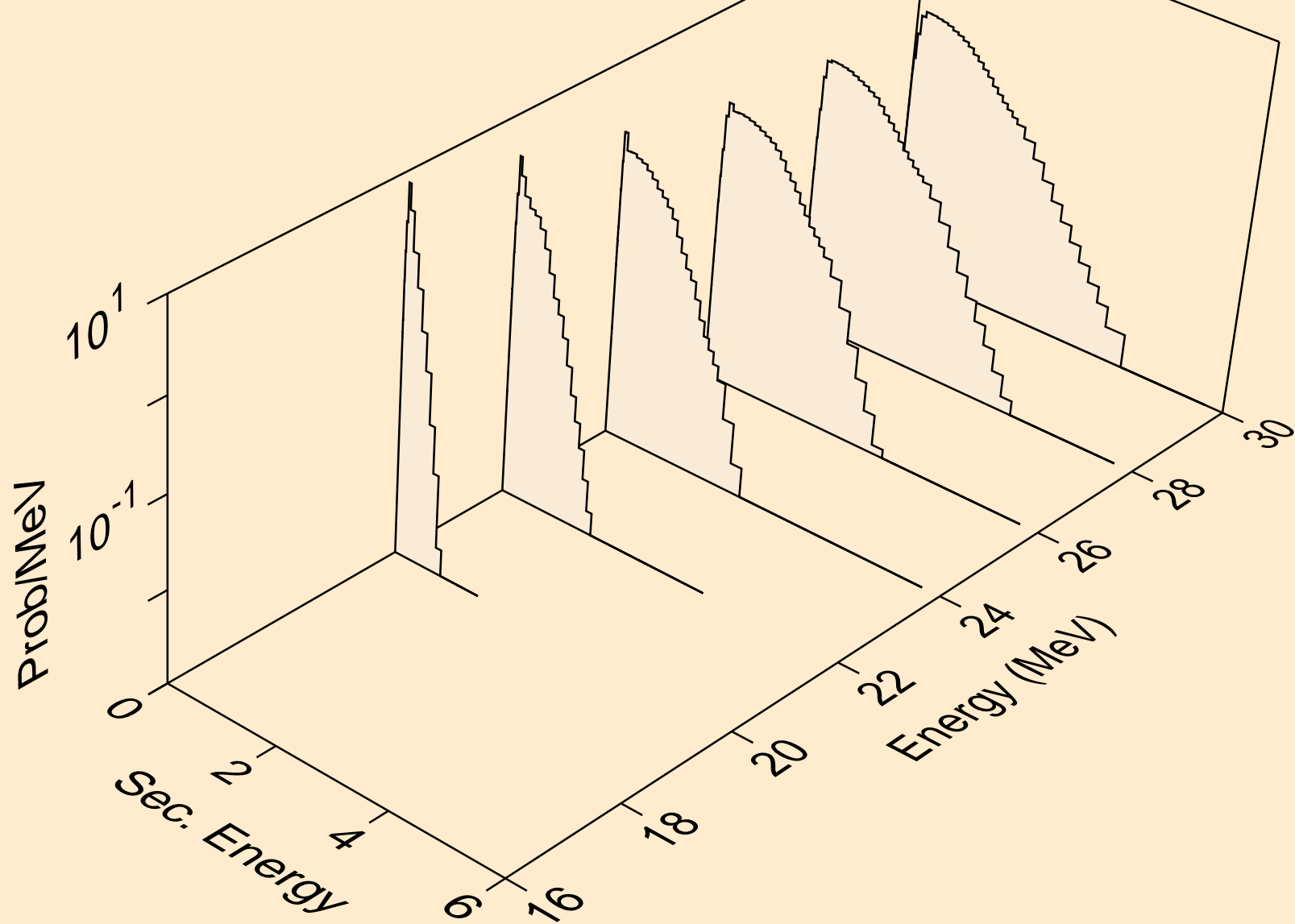




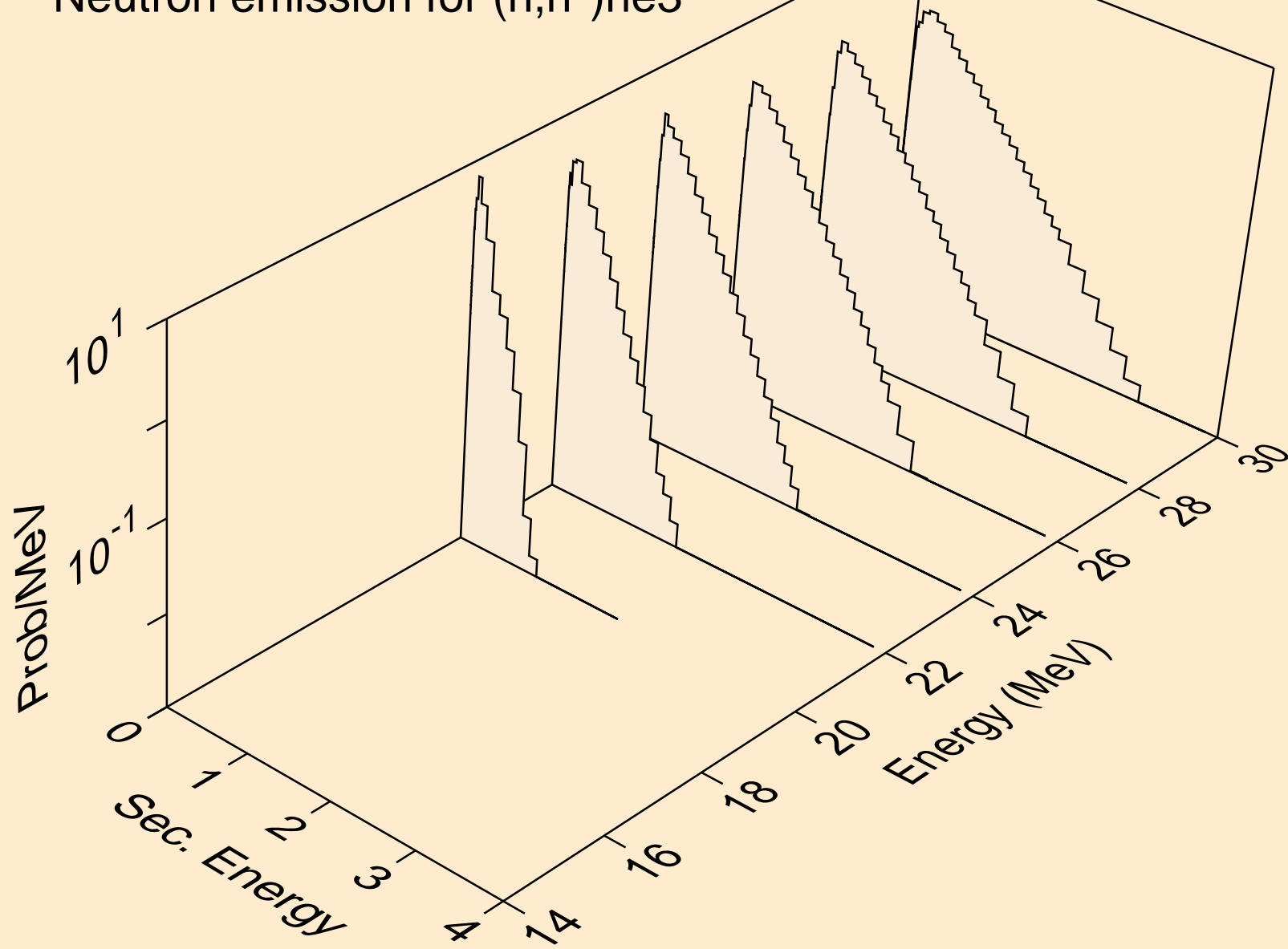
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



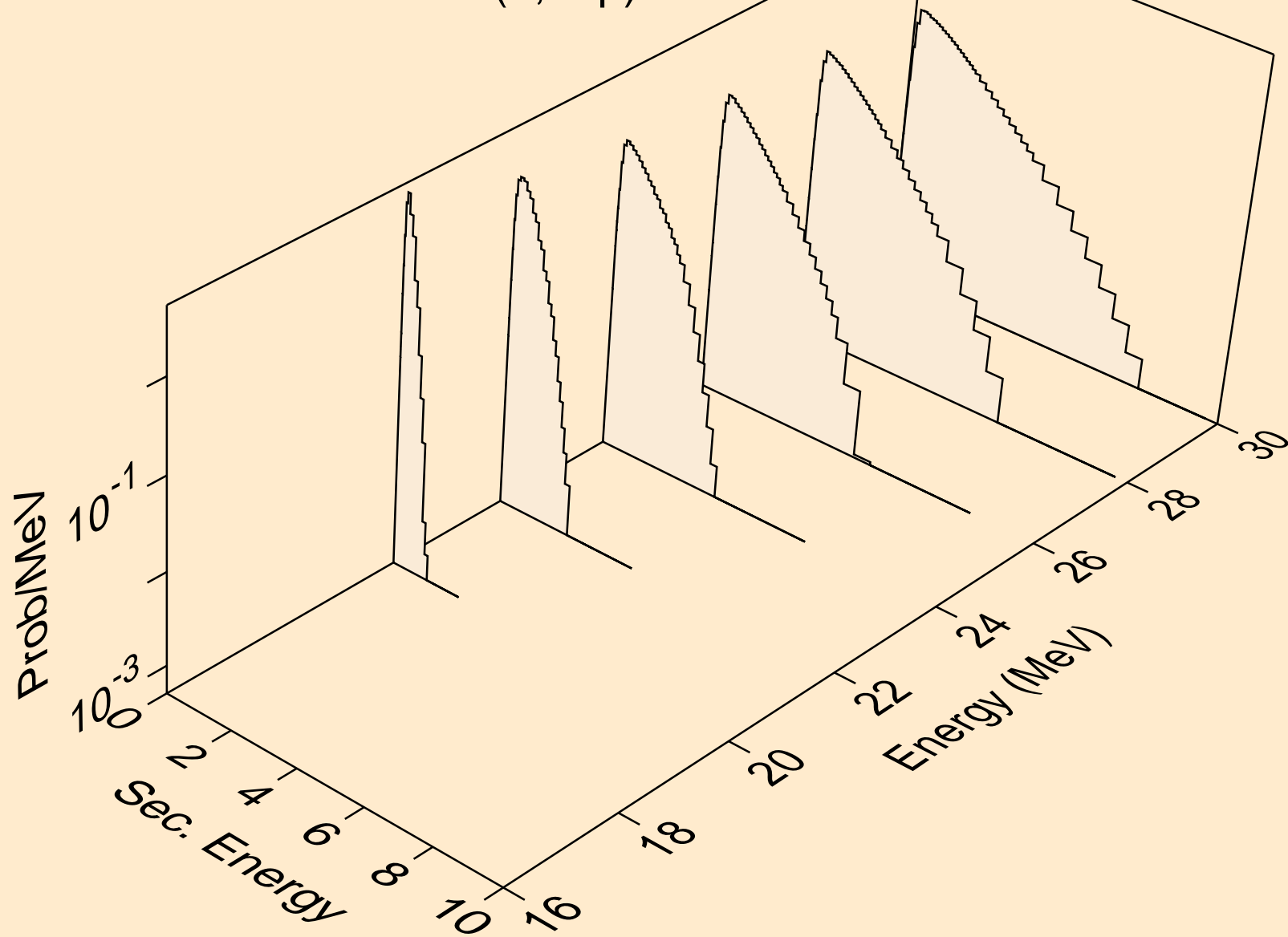
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



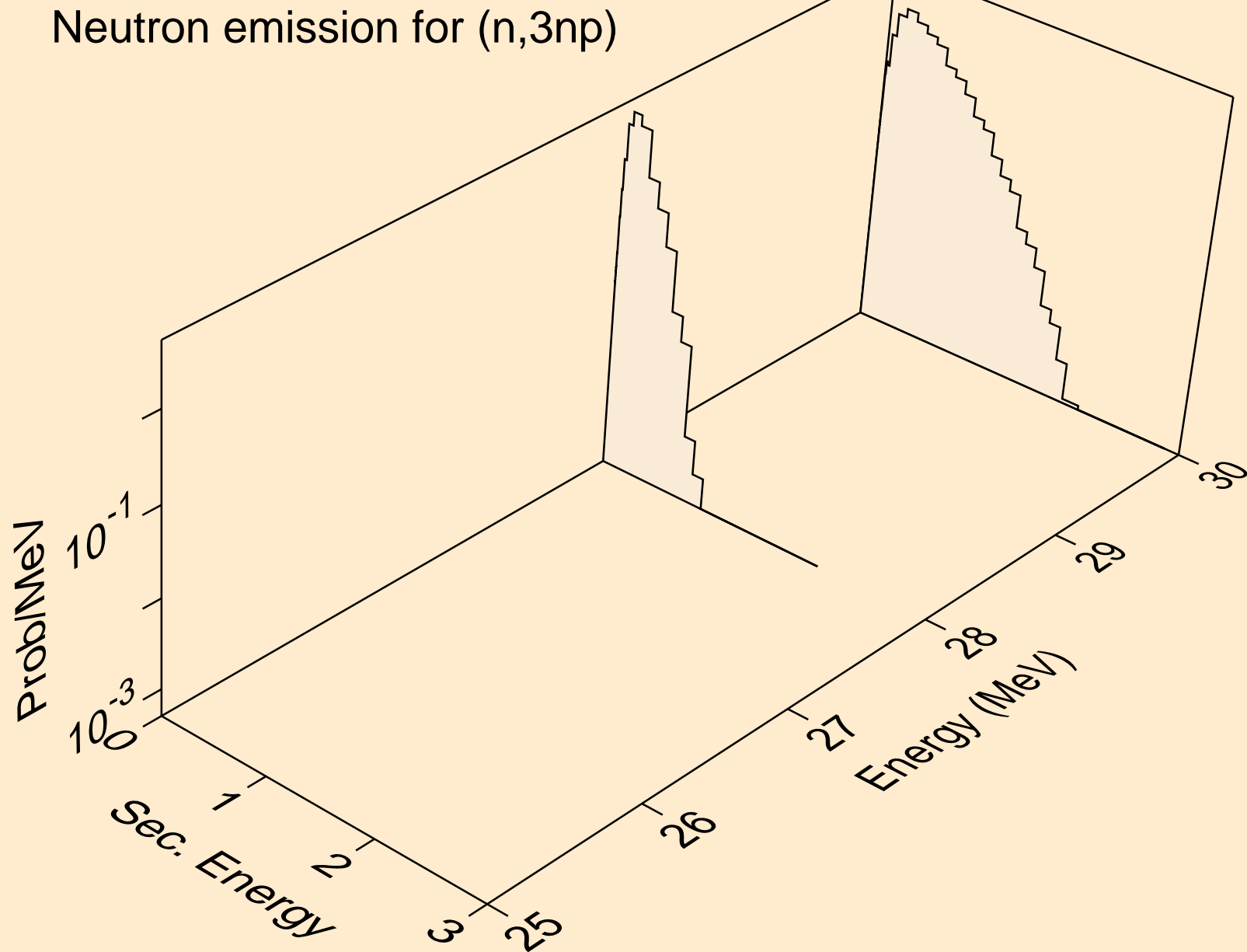
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



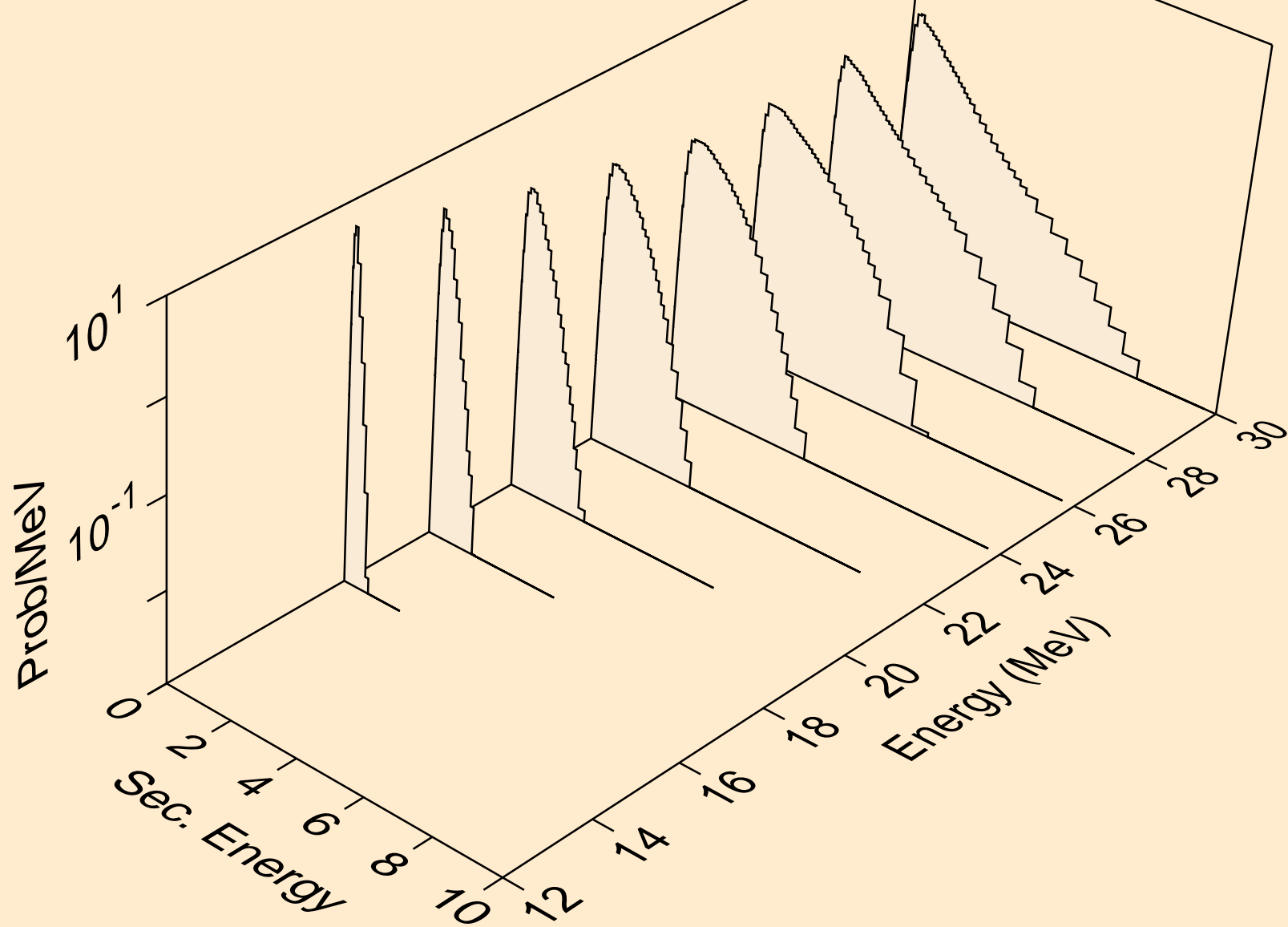
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



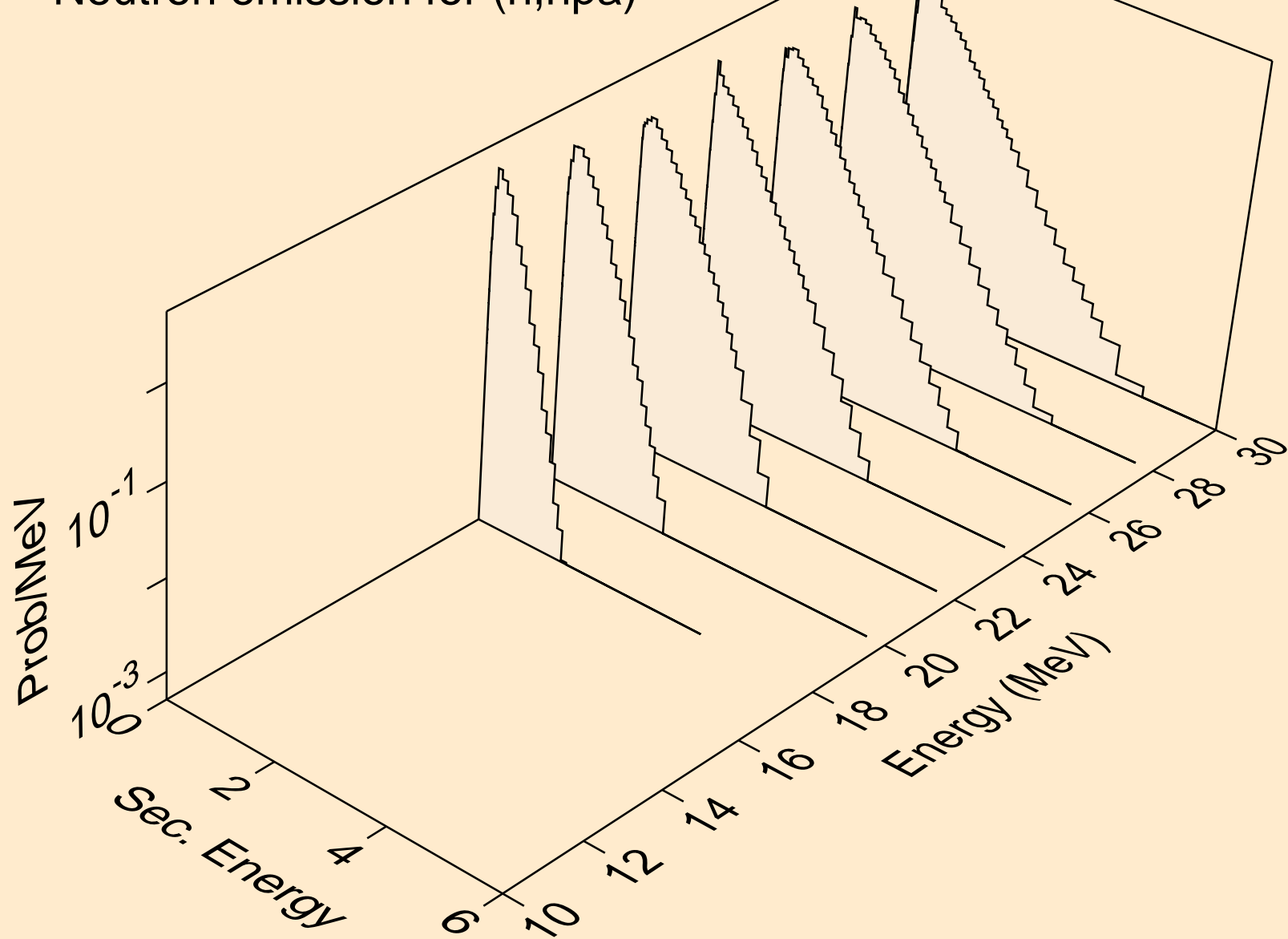
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



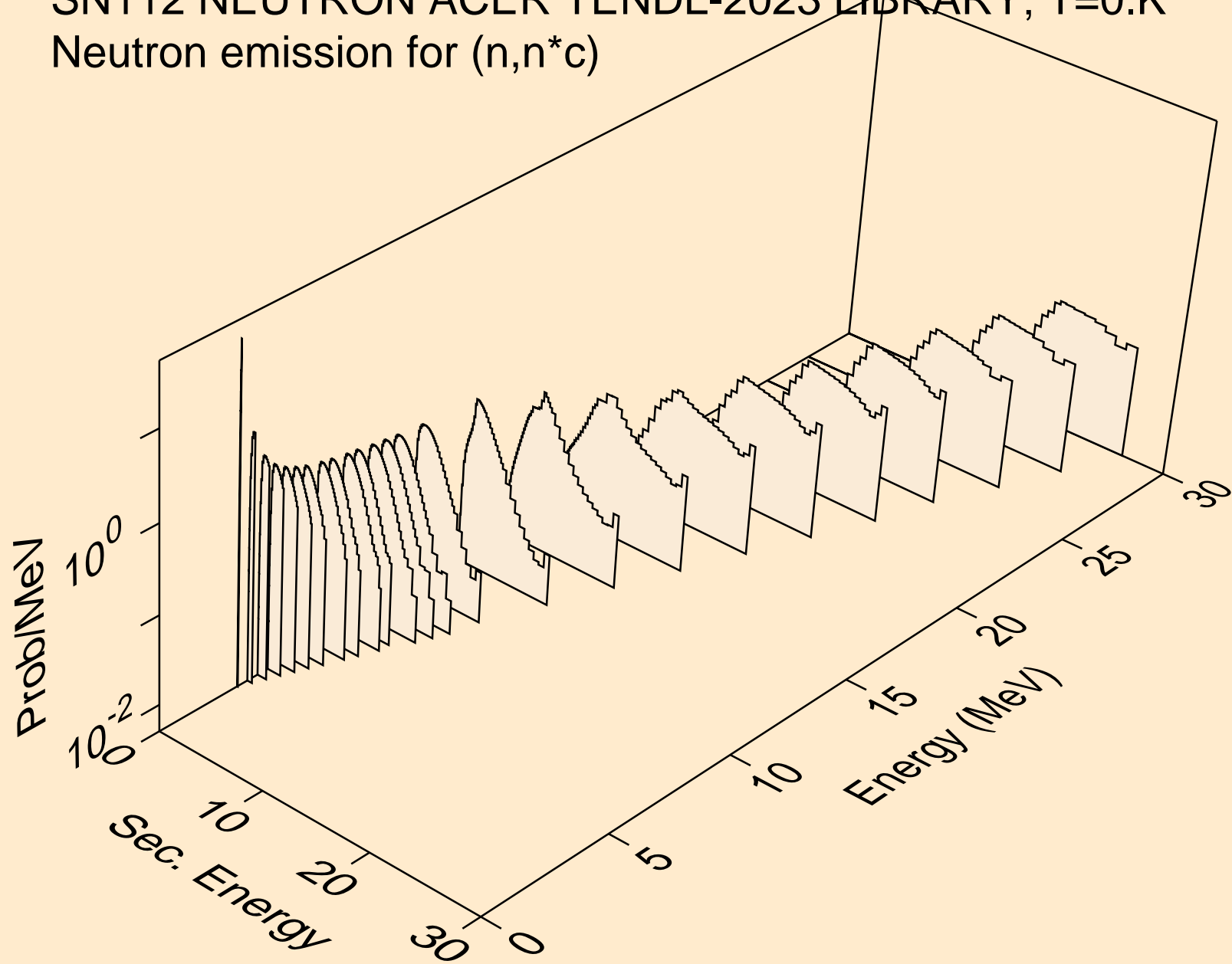
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)

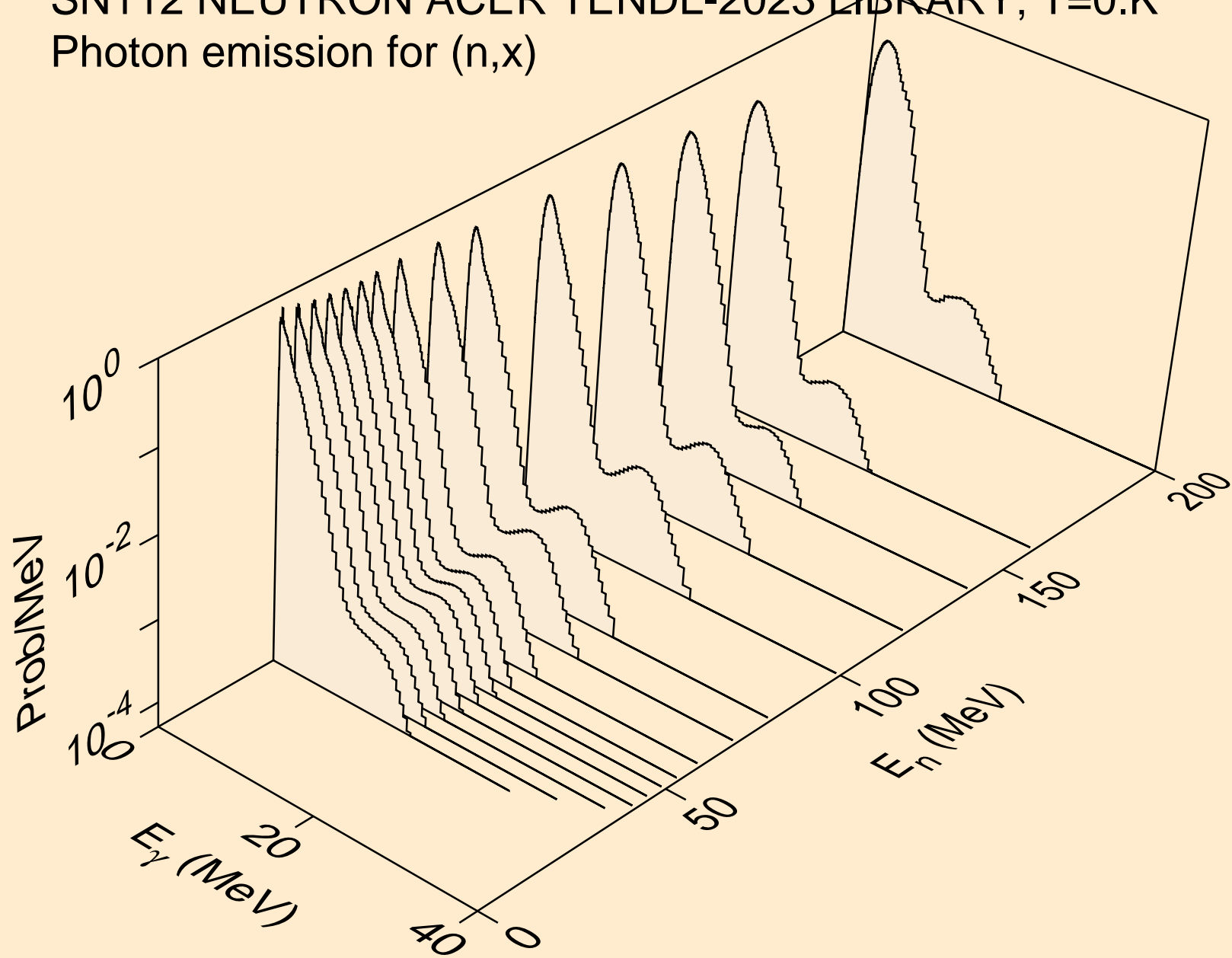


SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

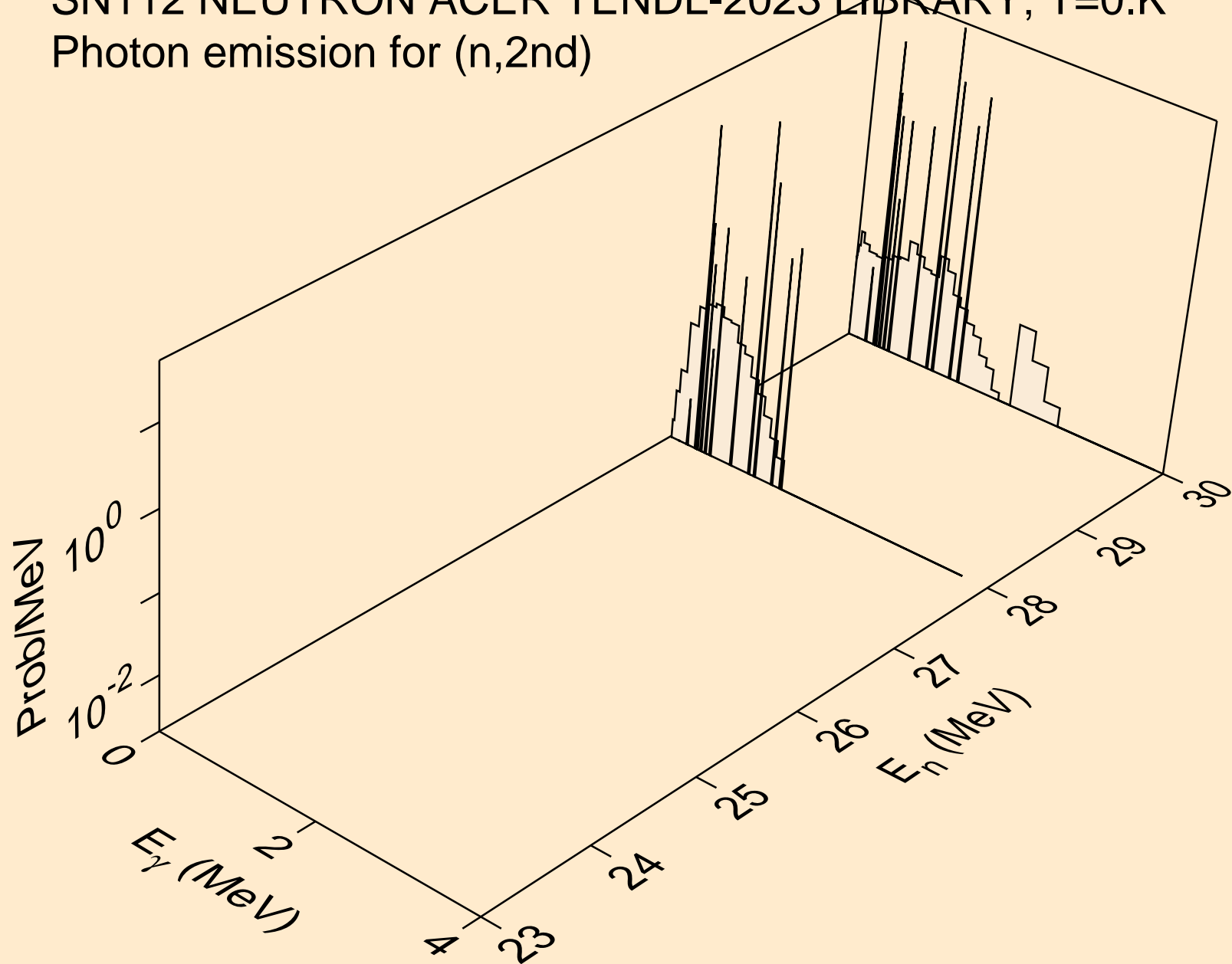




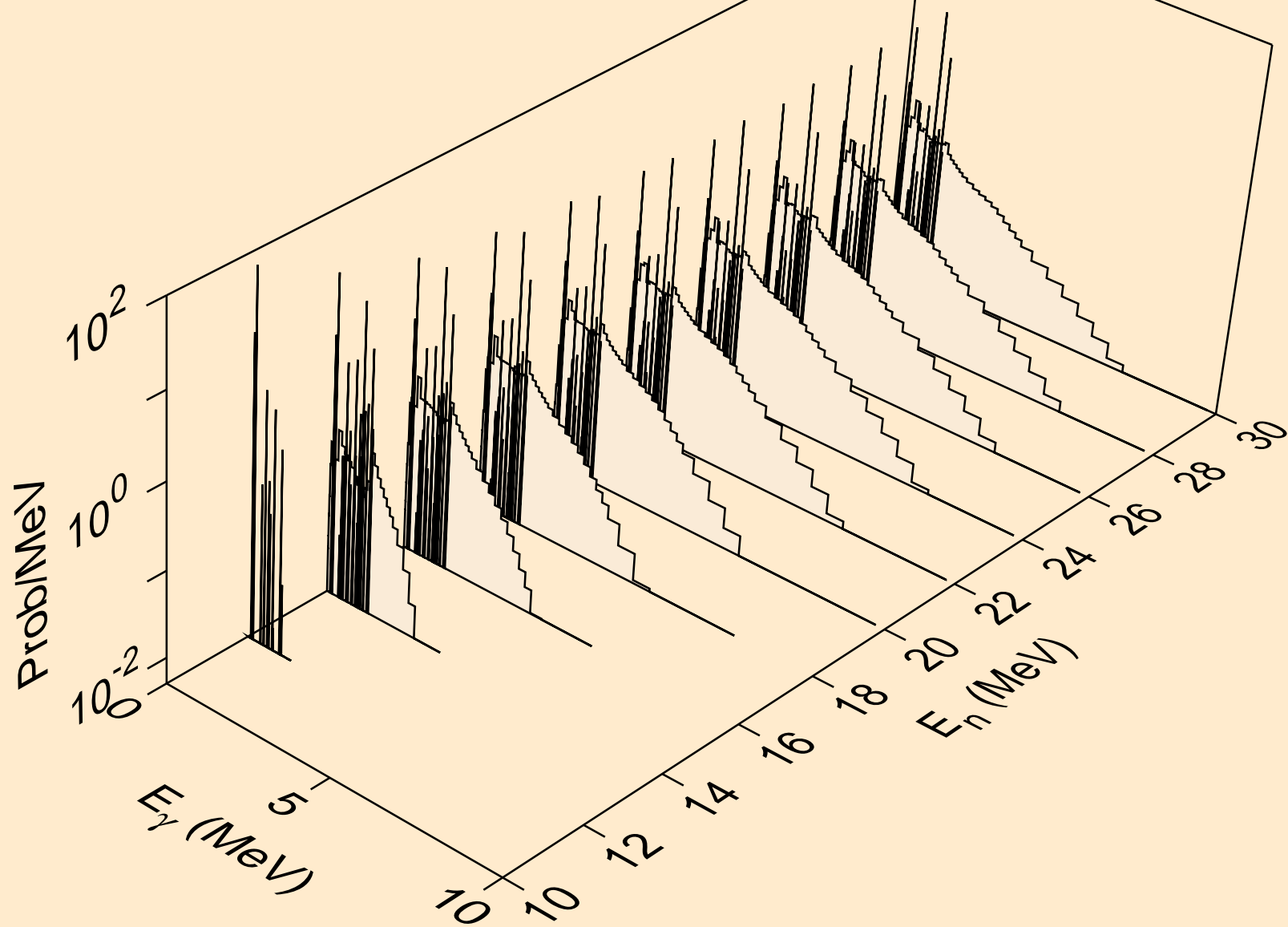
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



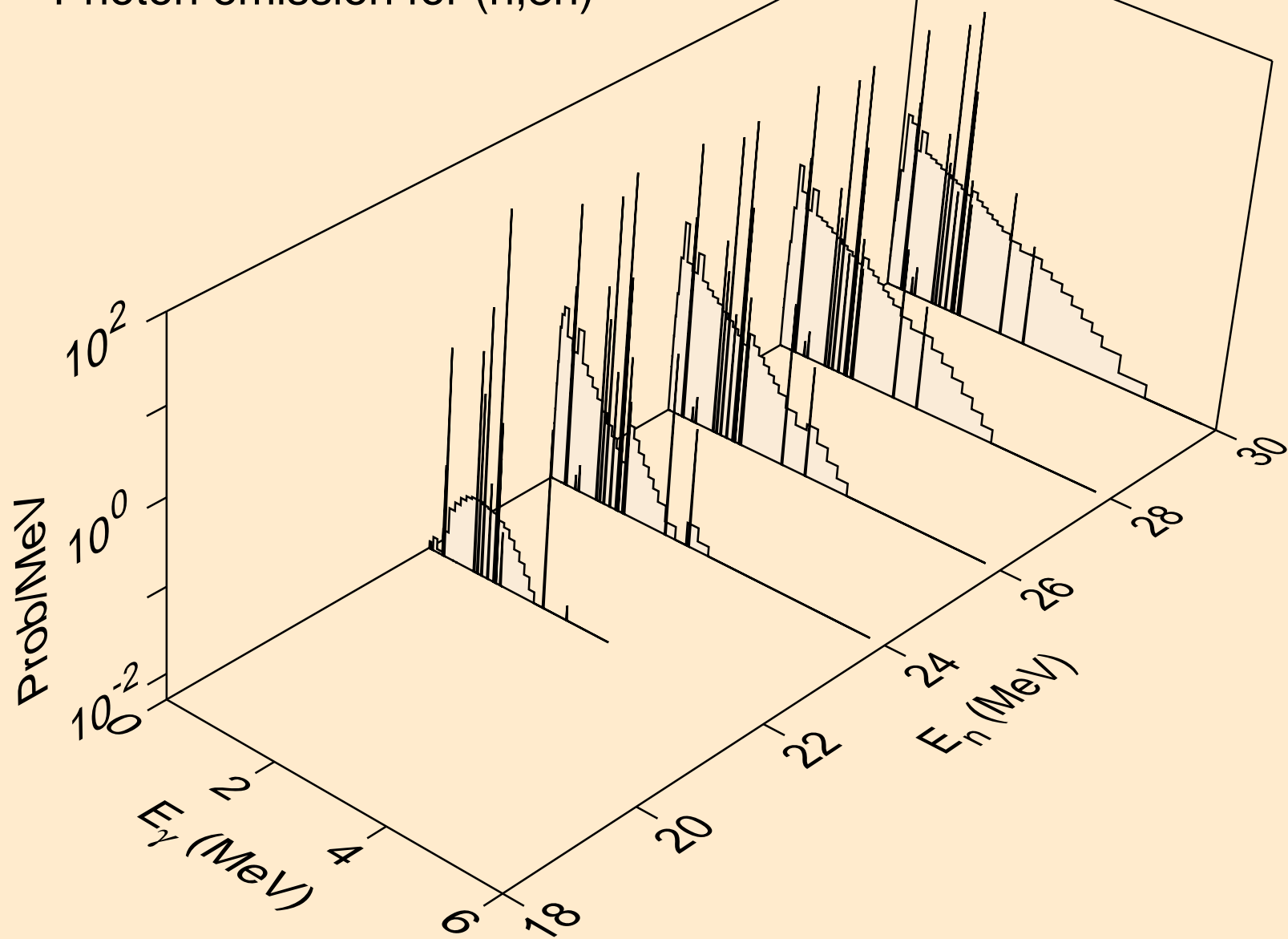
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



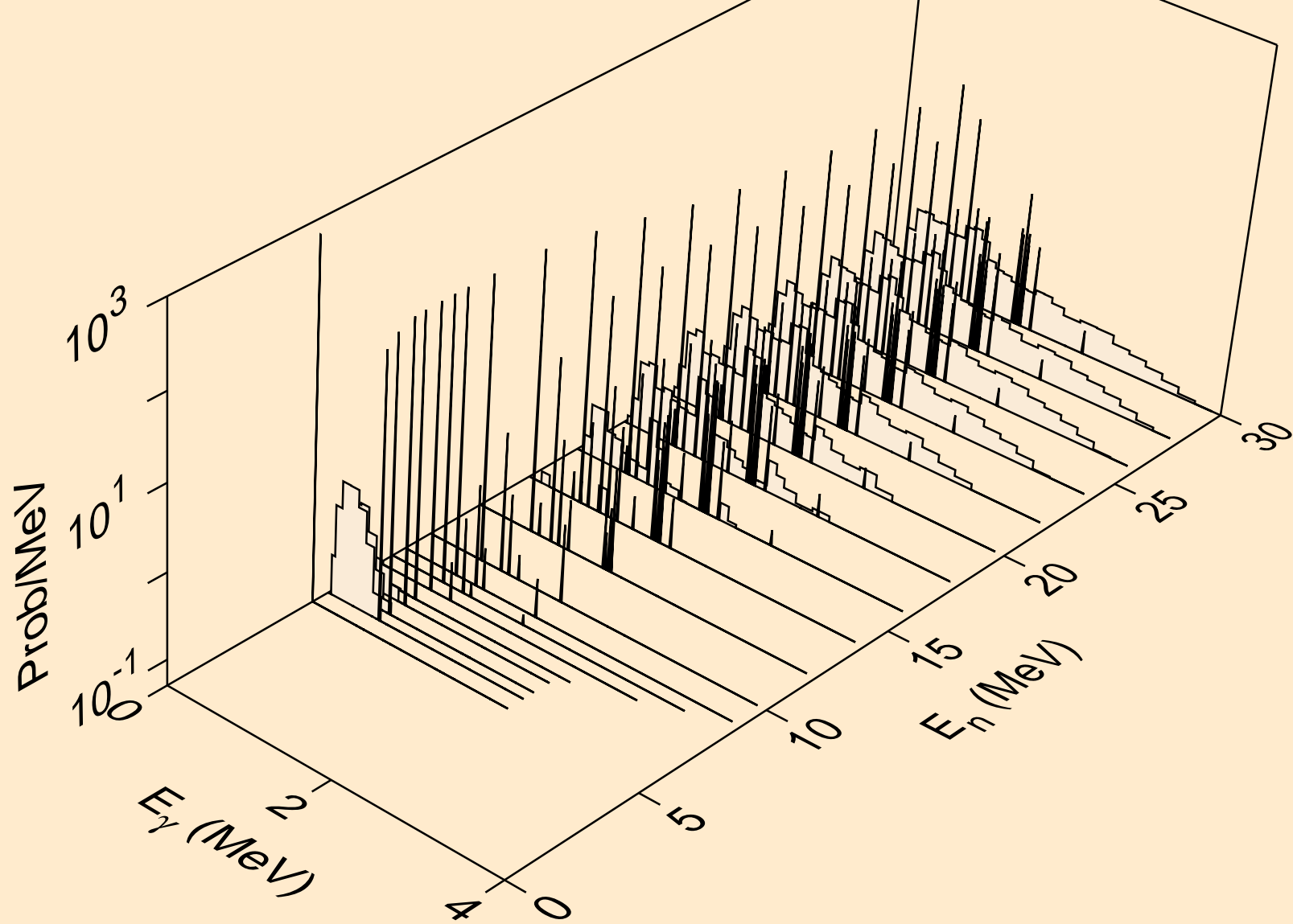
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



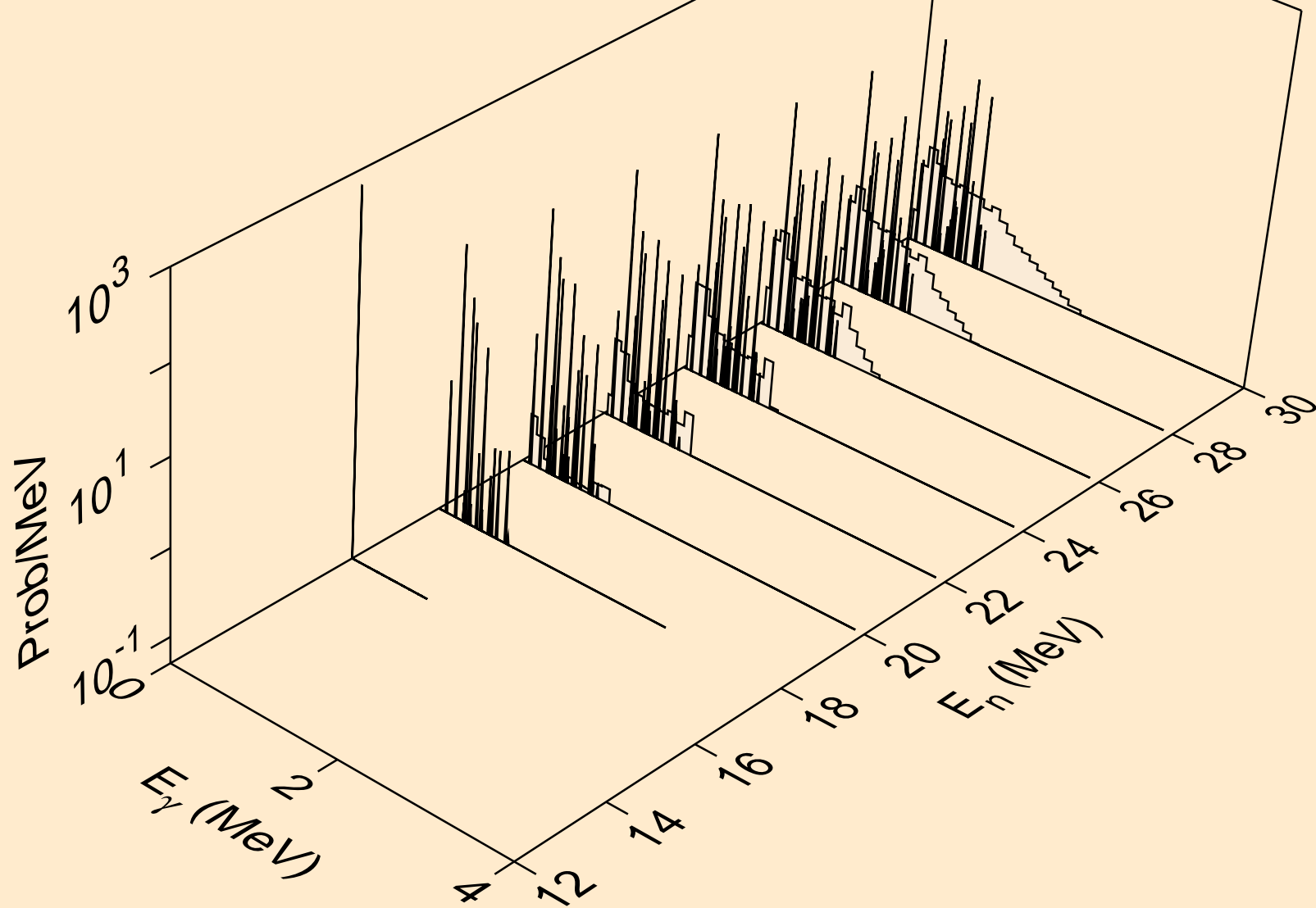
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



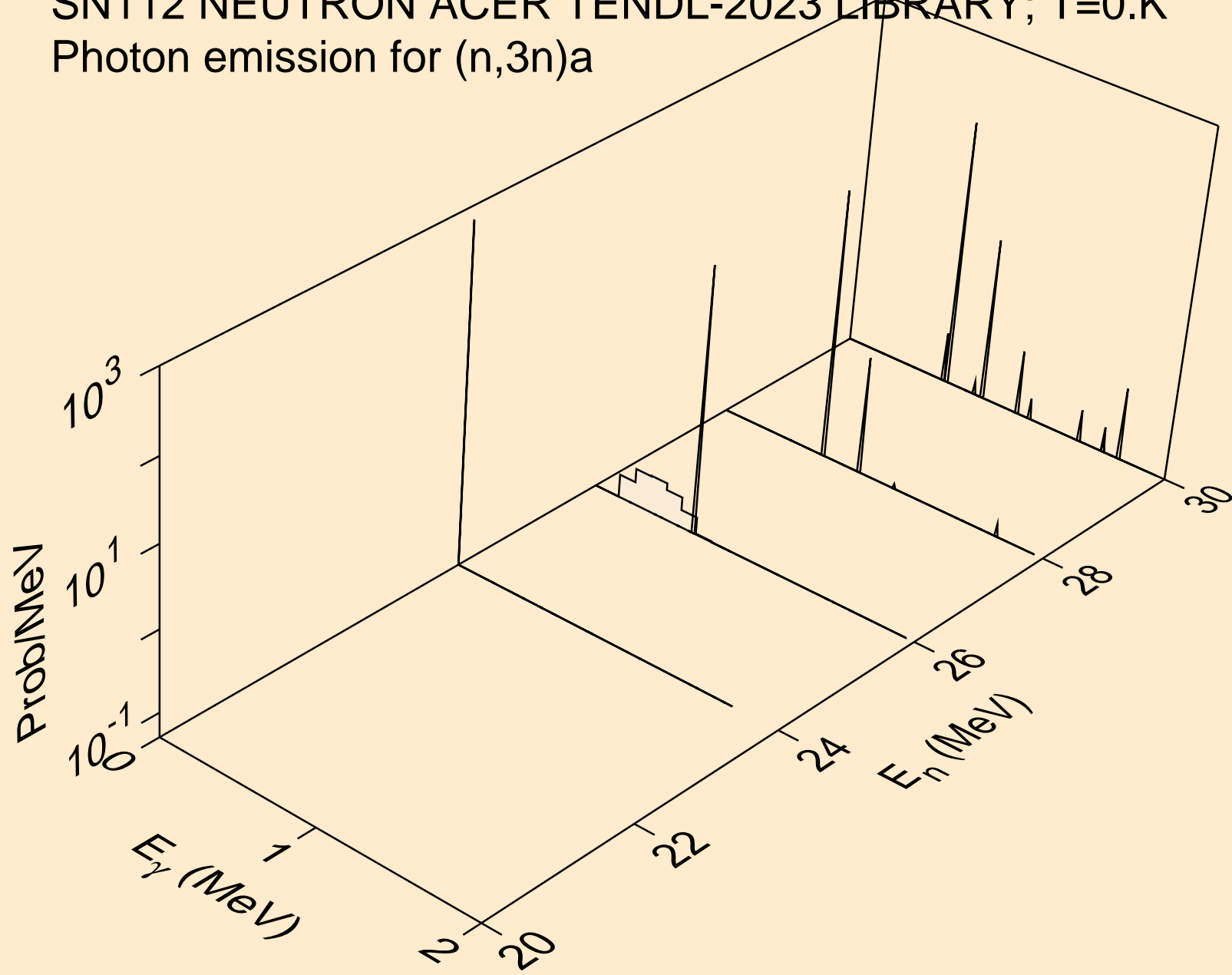
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



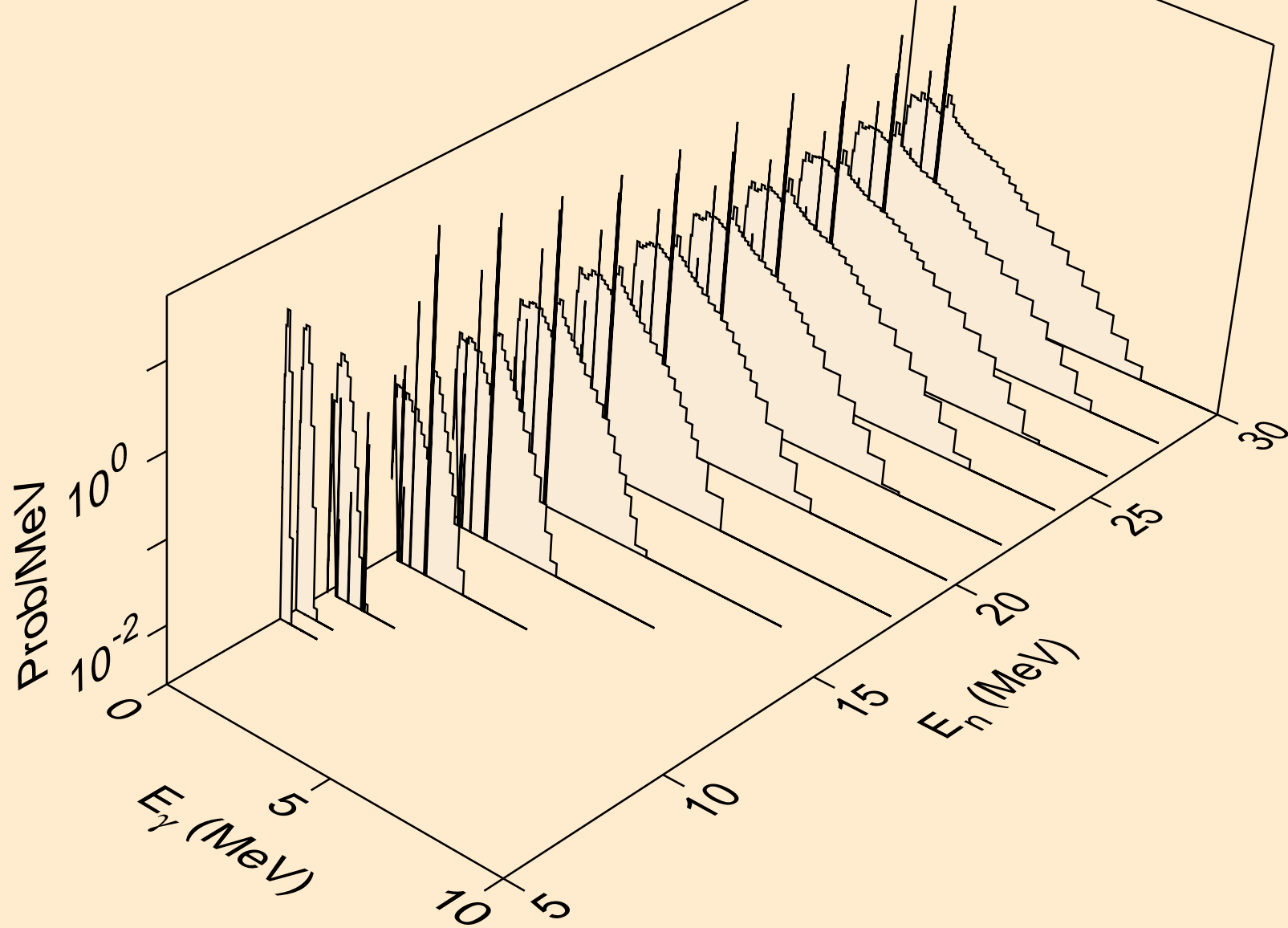
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

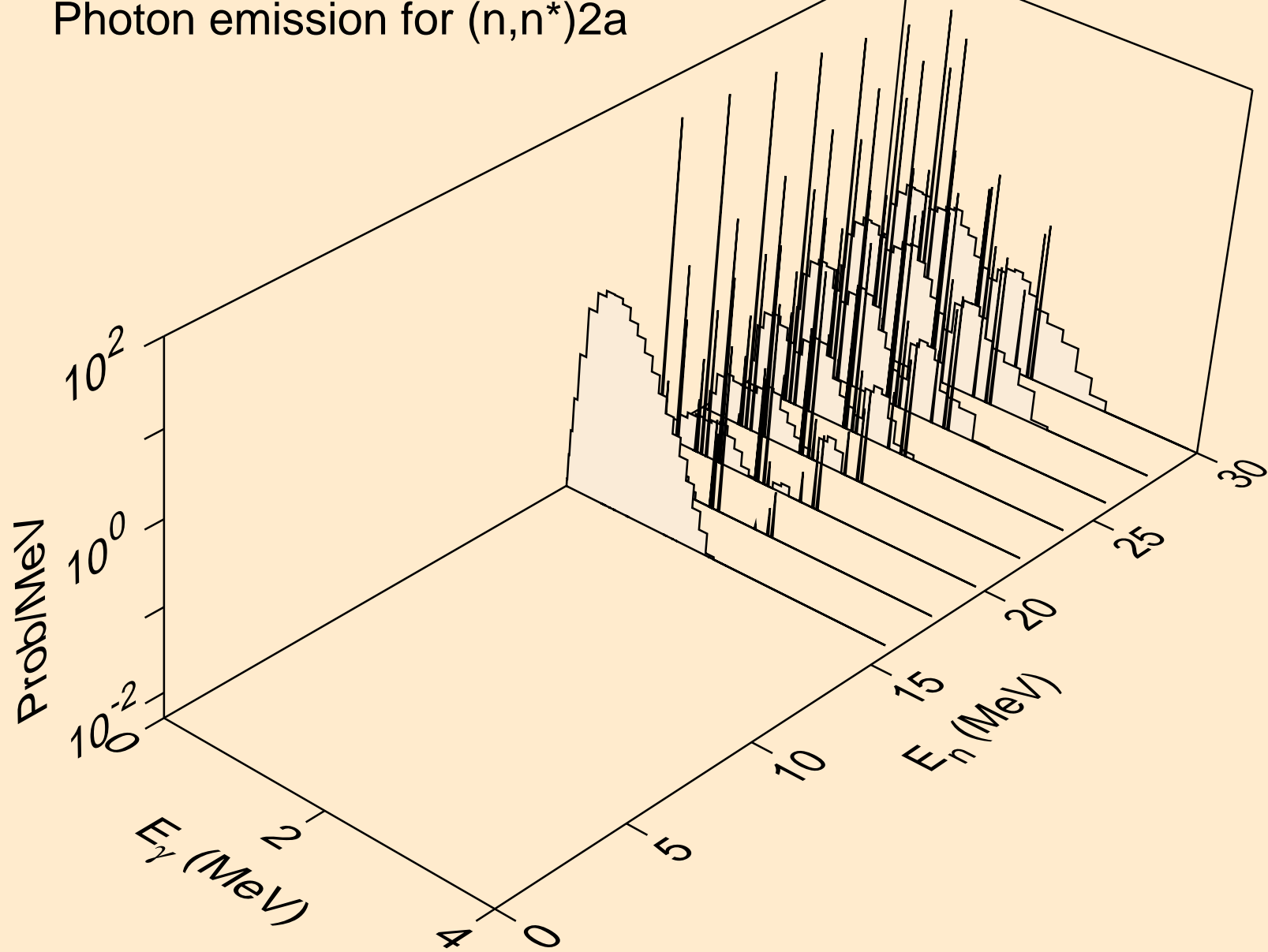


SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

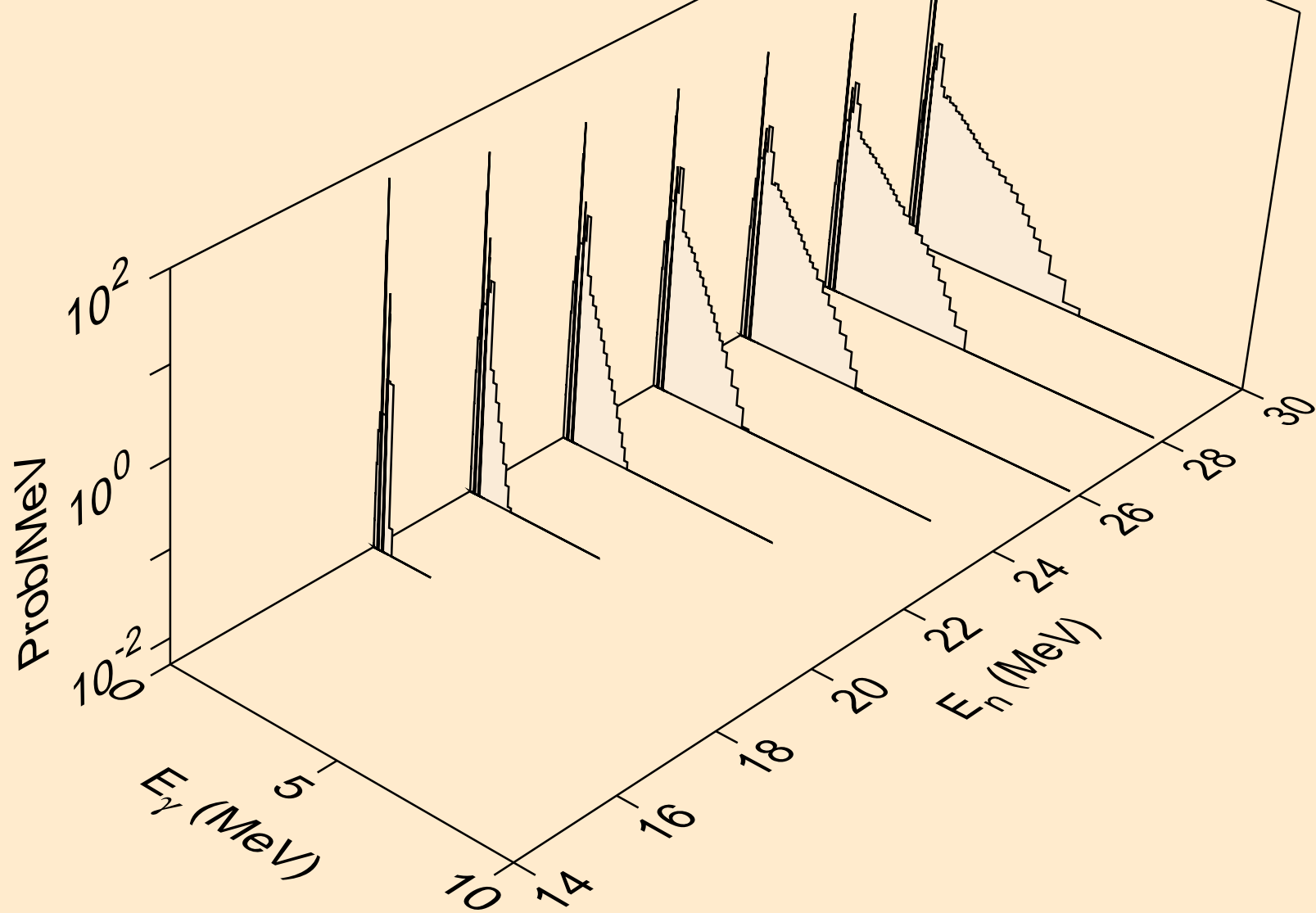




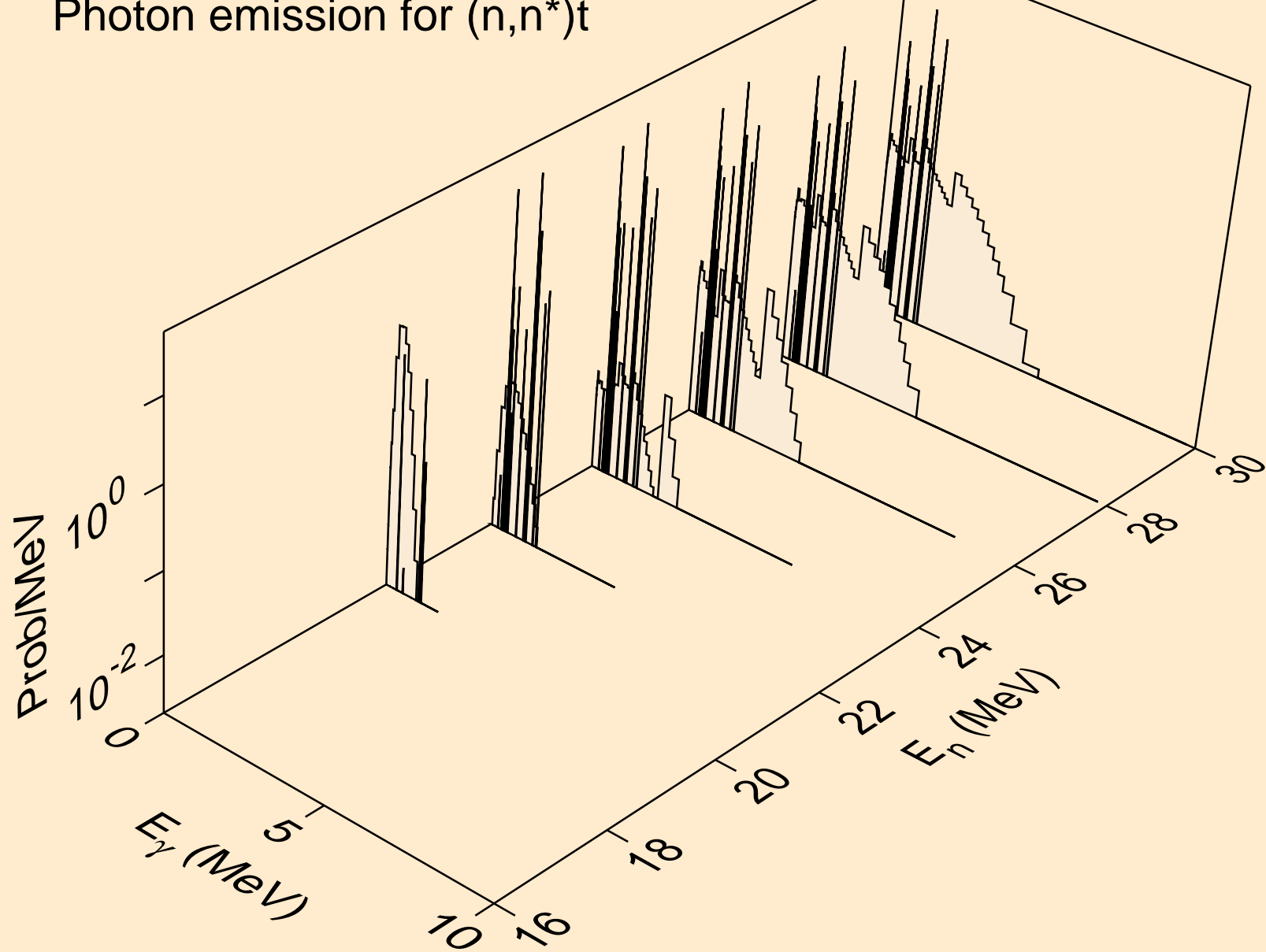
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



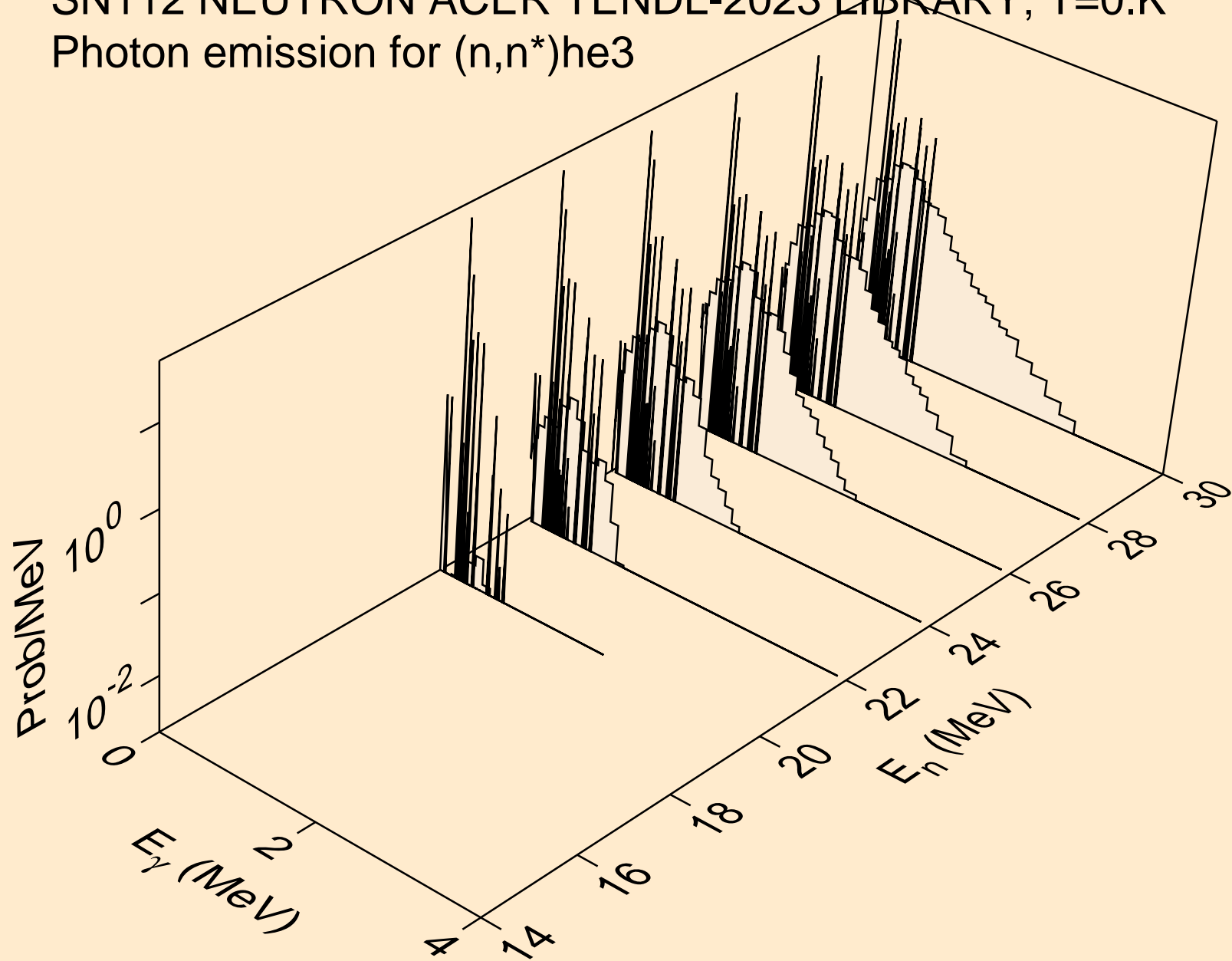
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



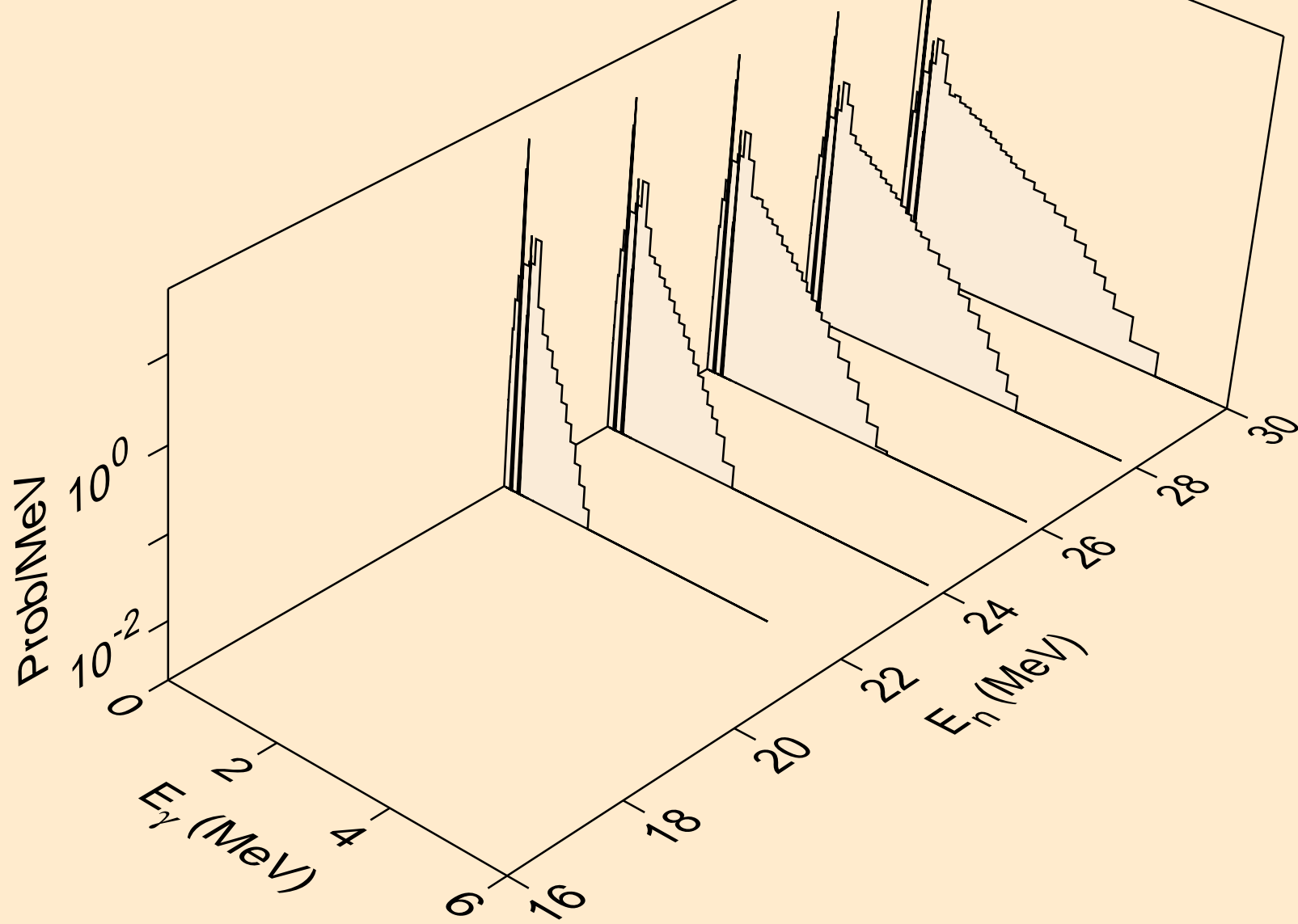
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



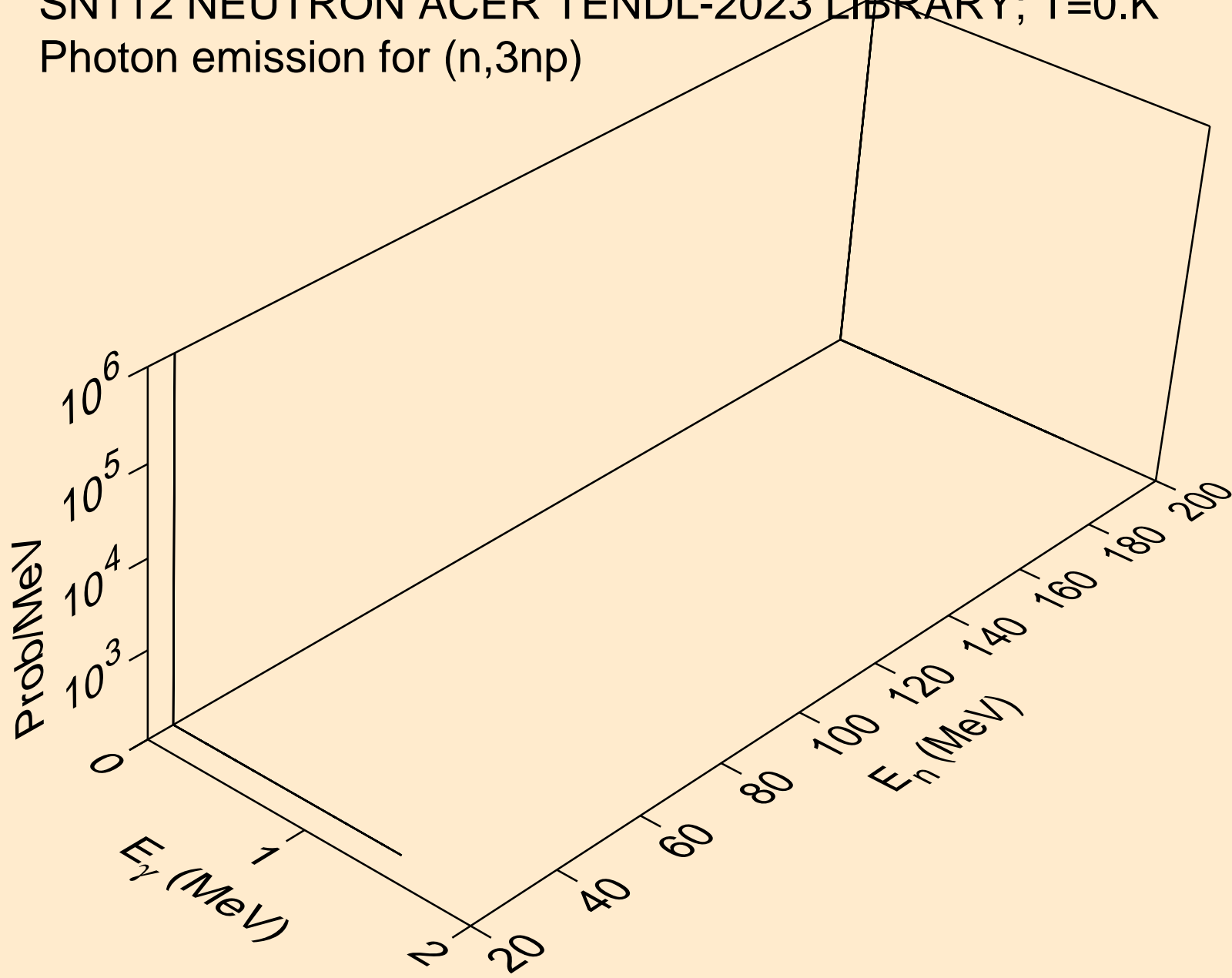
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



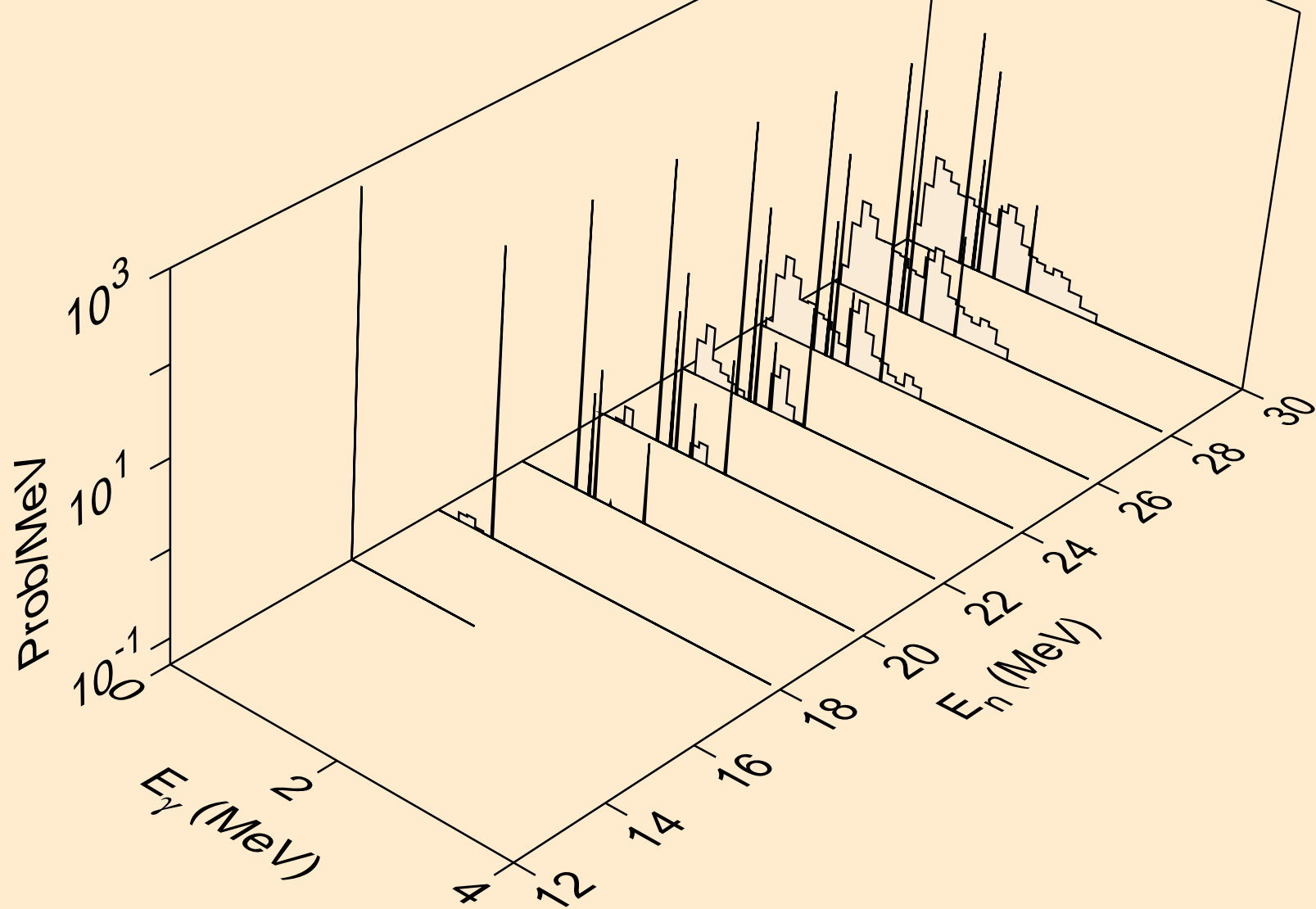
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



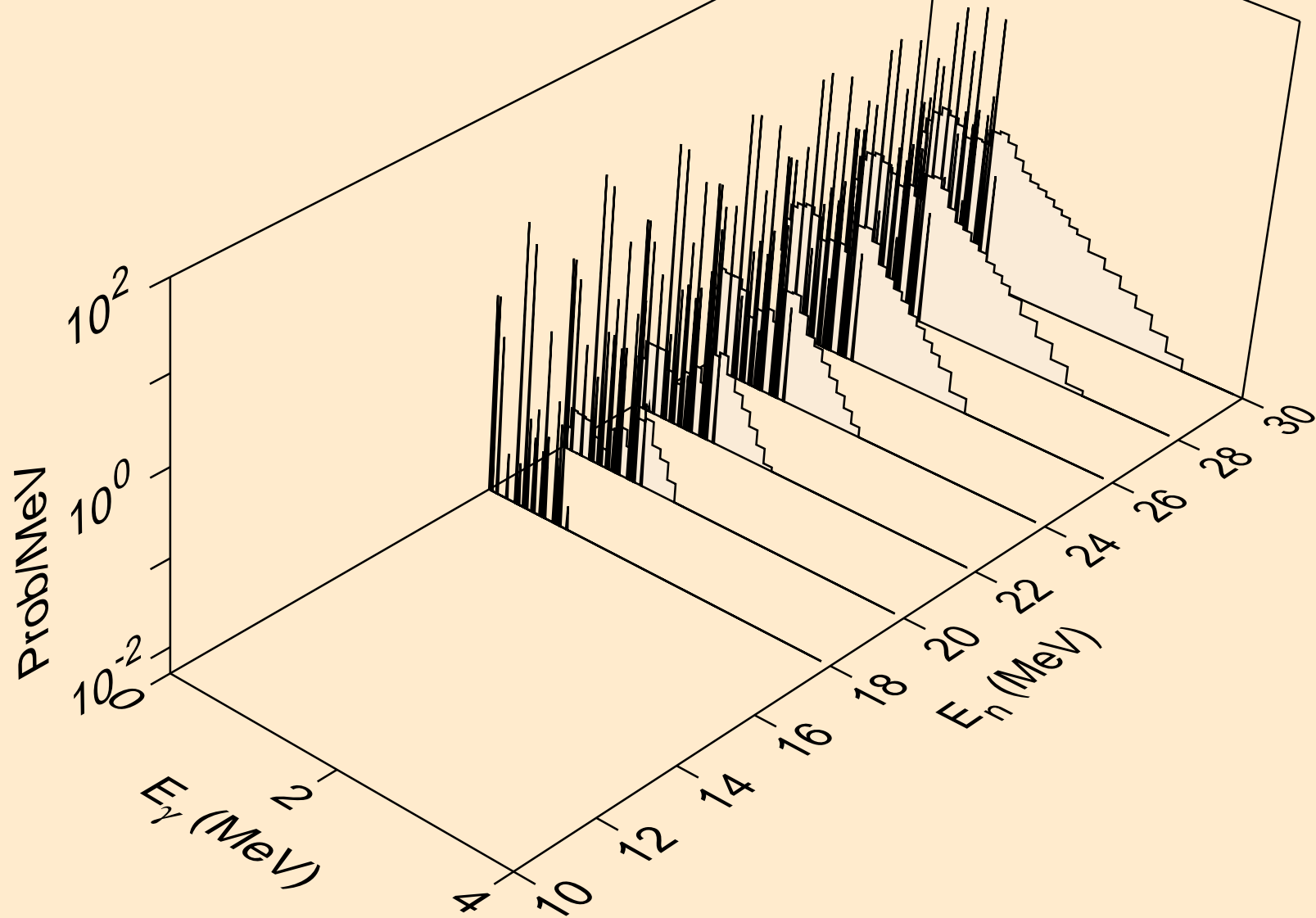
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

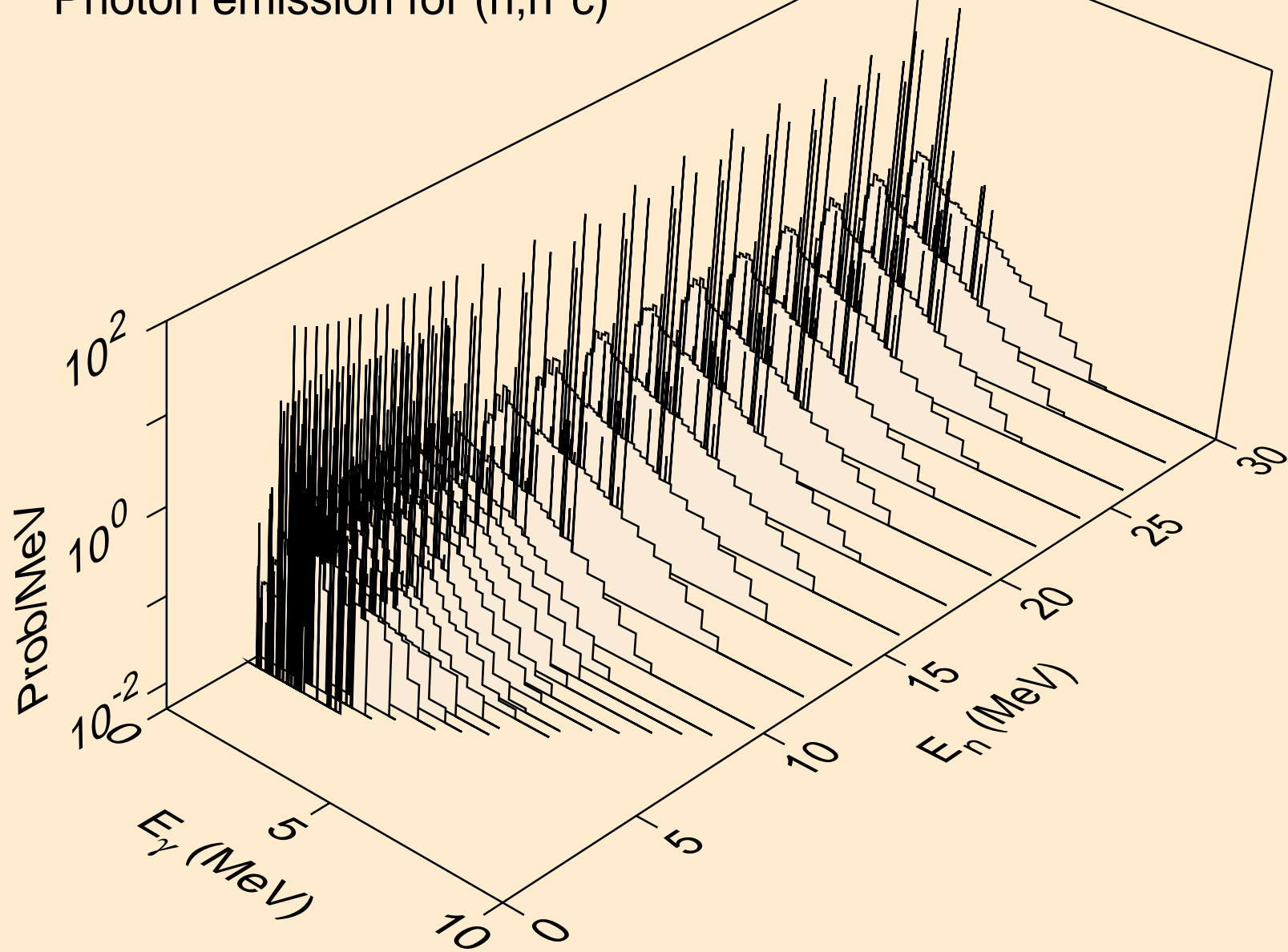


SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

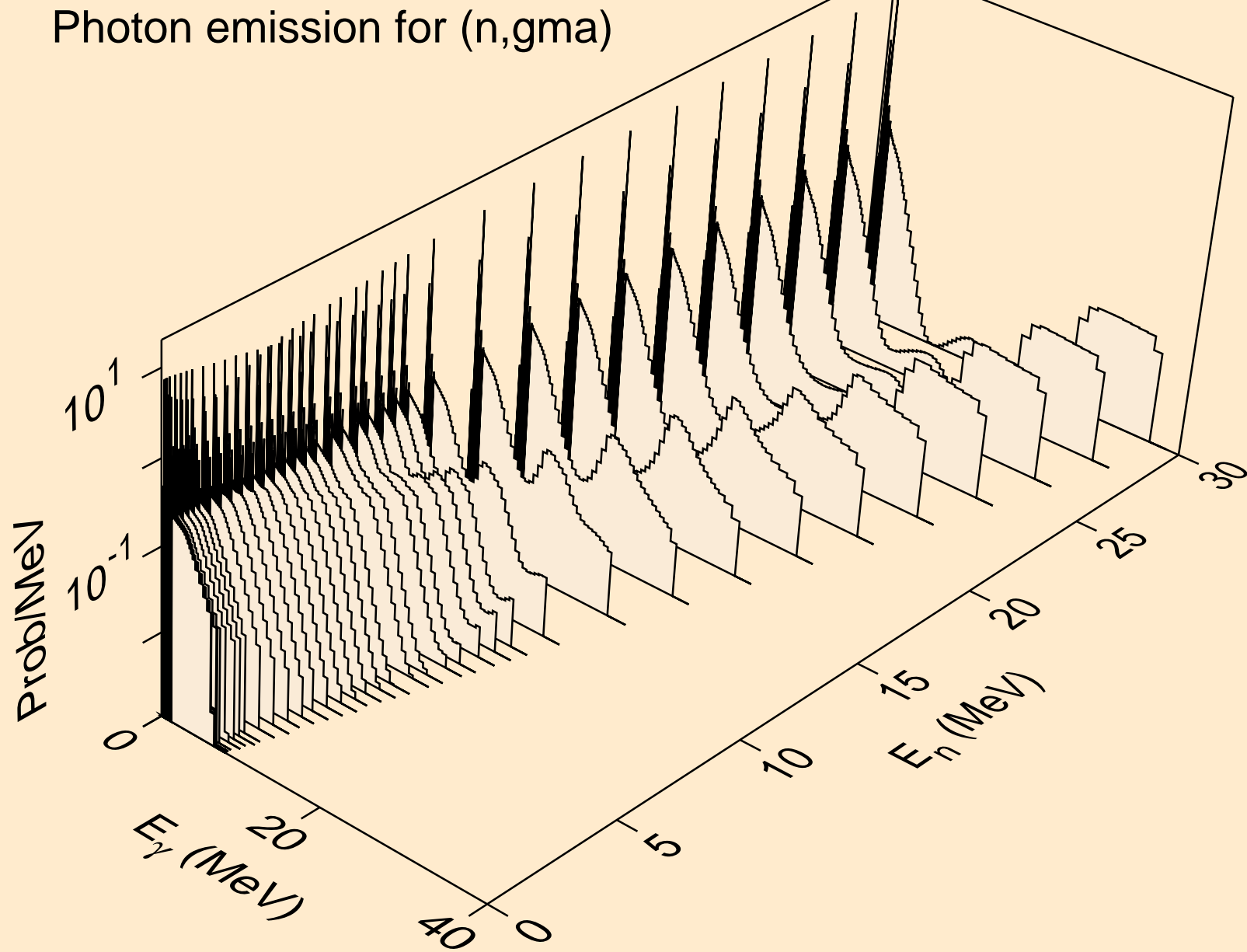




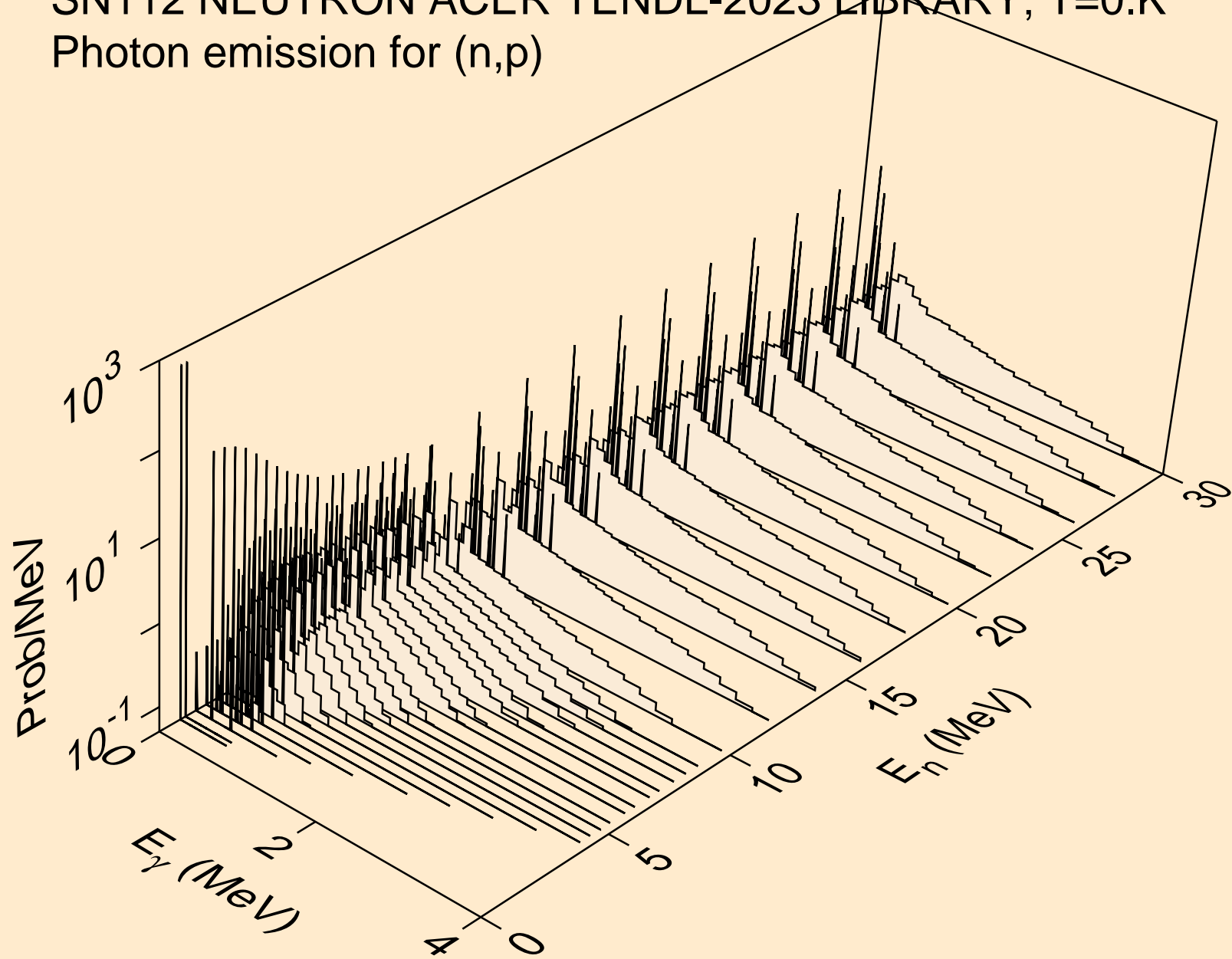
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



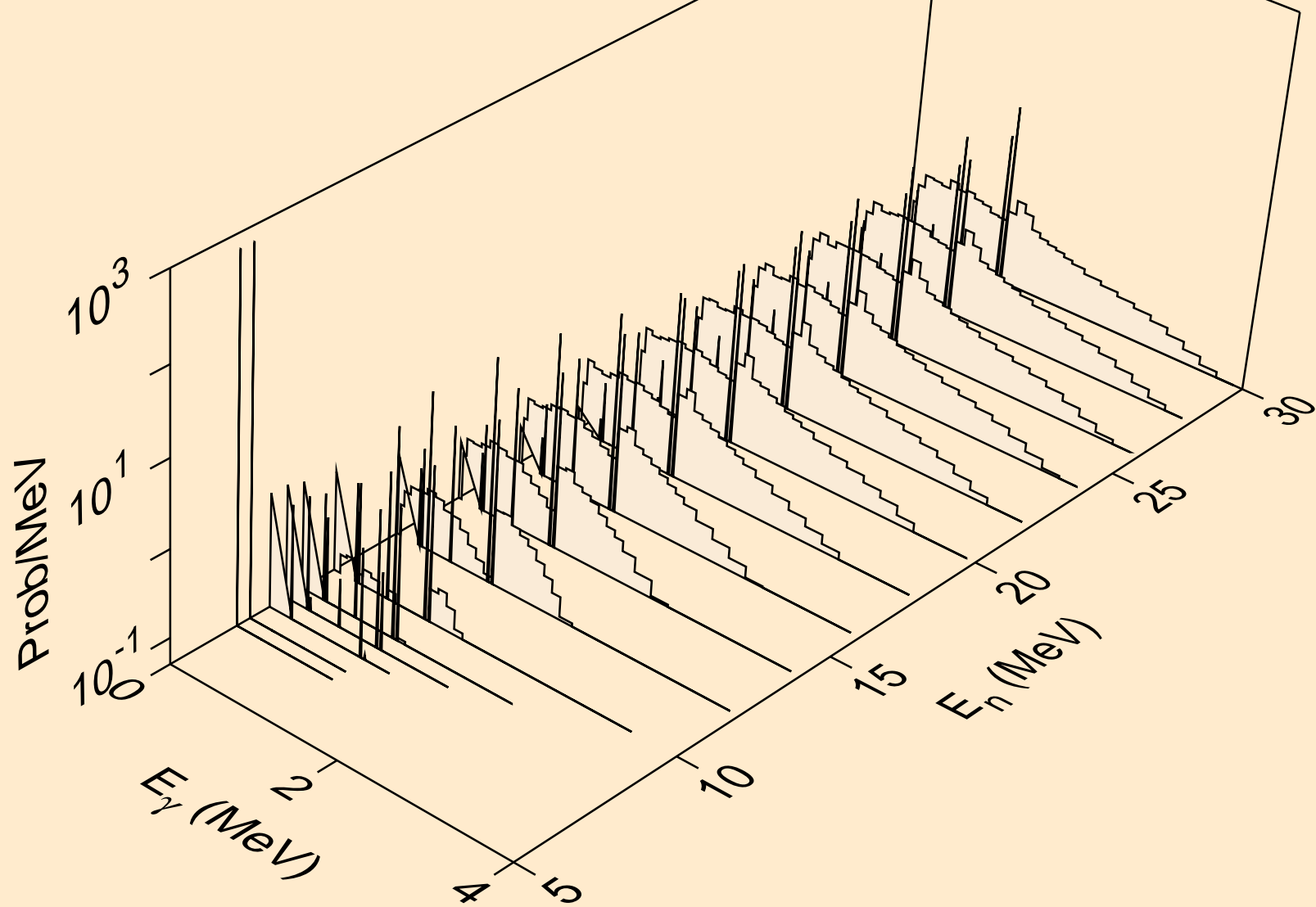
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



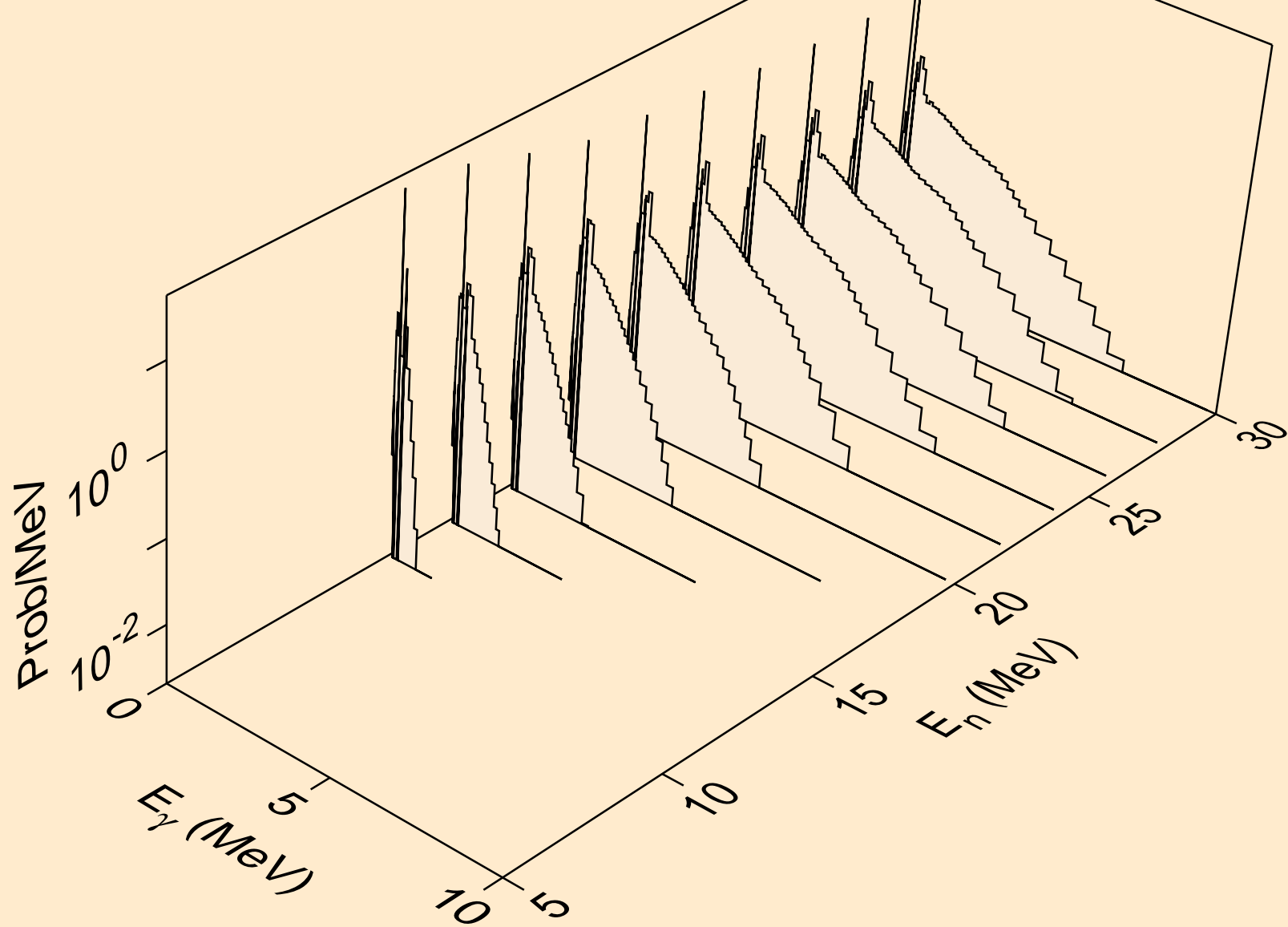
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



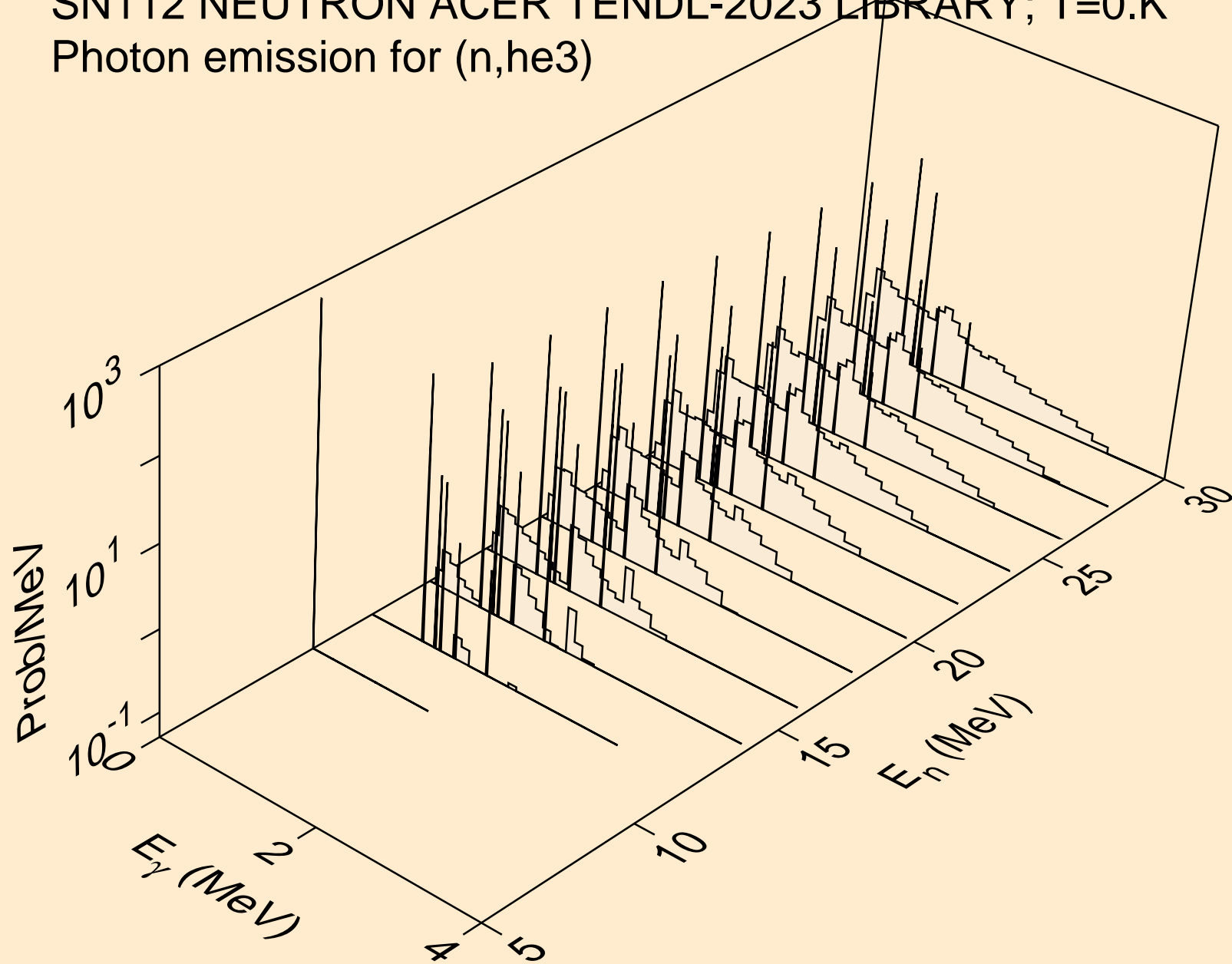
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Photon emission for (n,d)



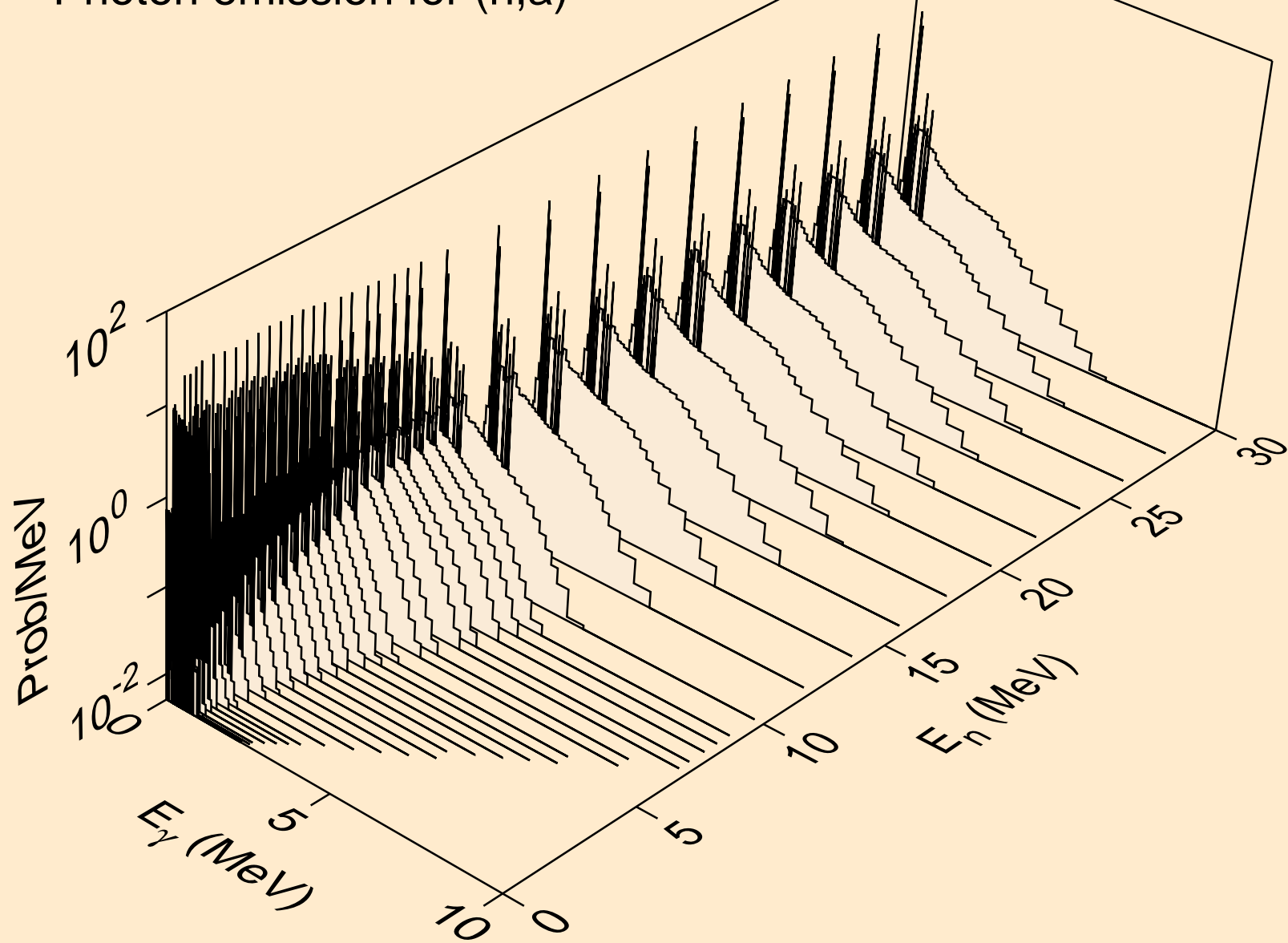
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



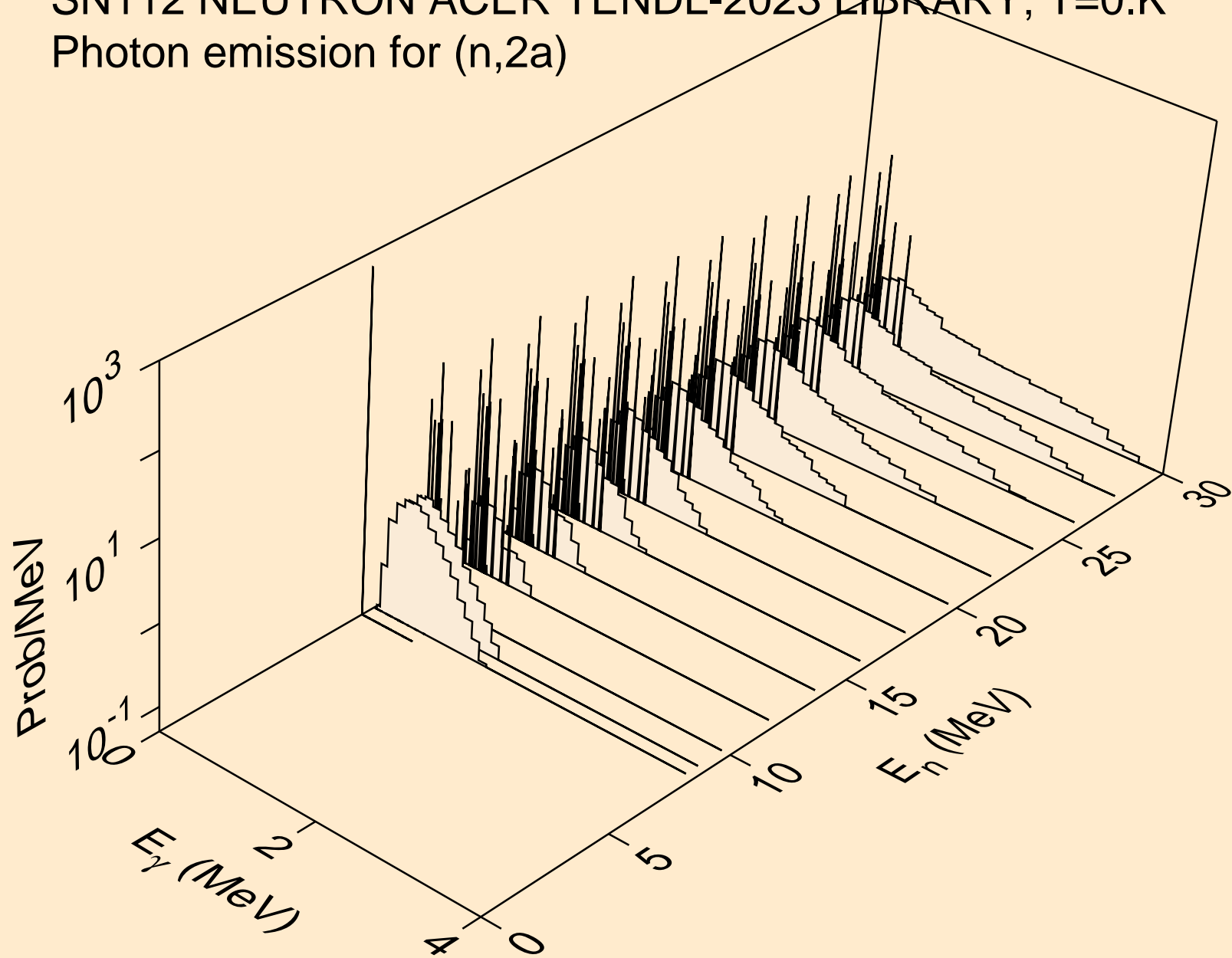
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

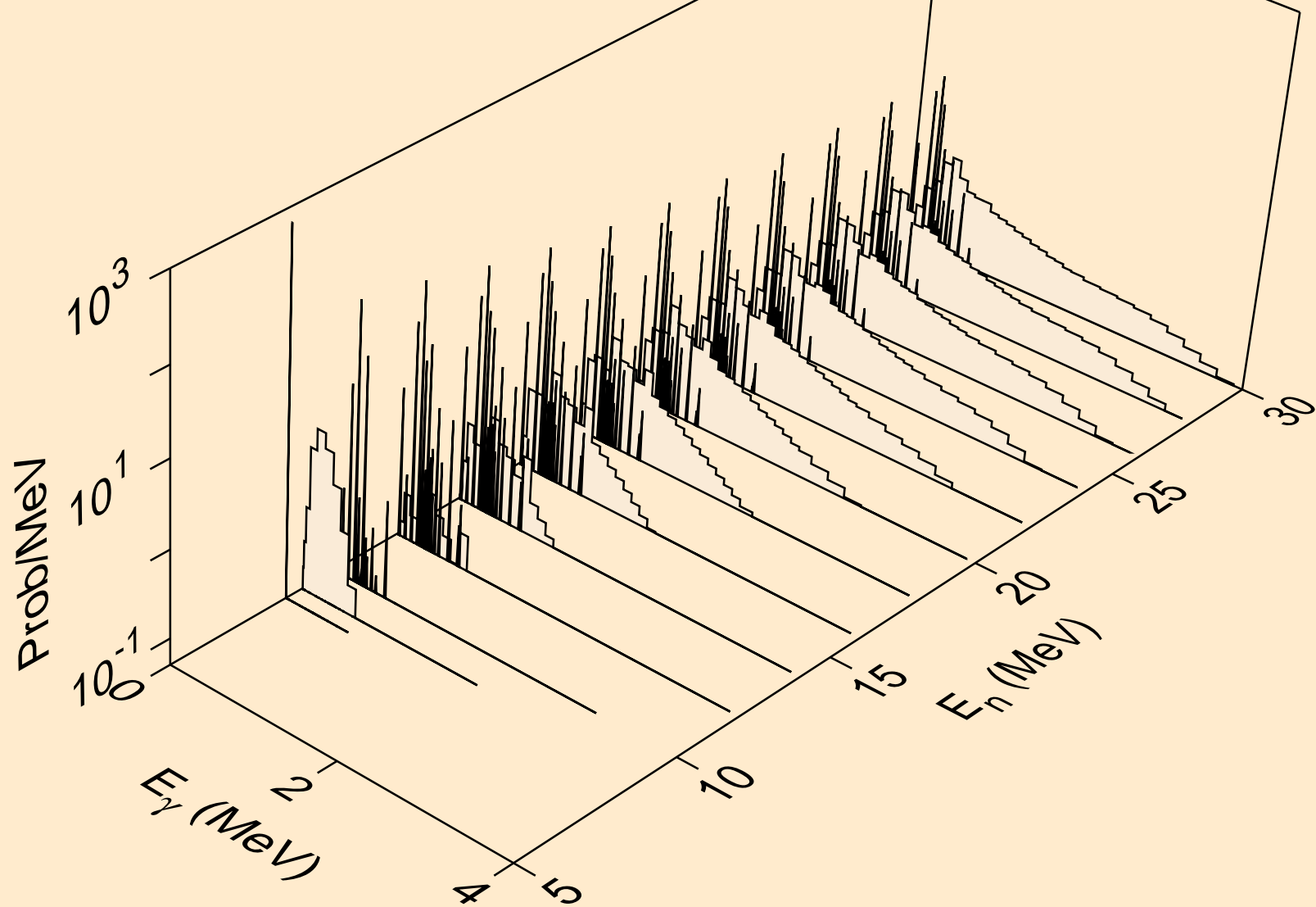


SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

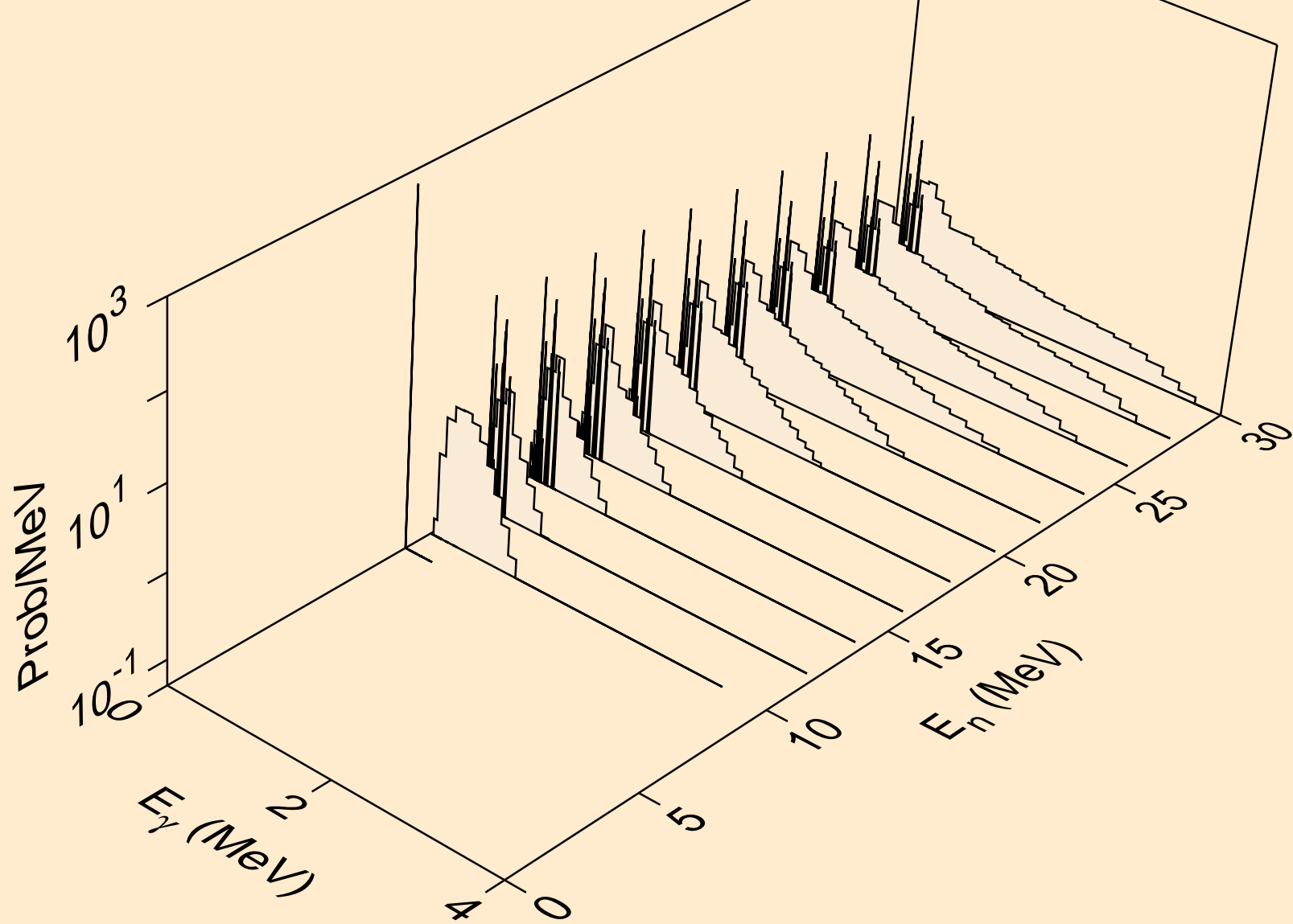




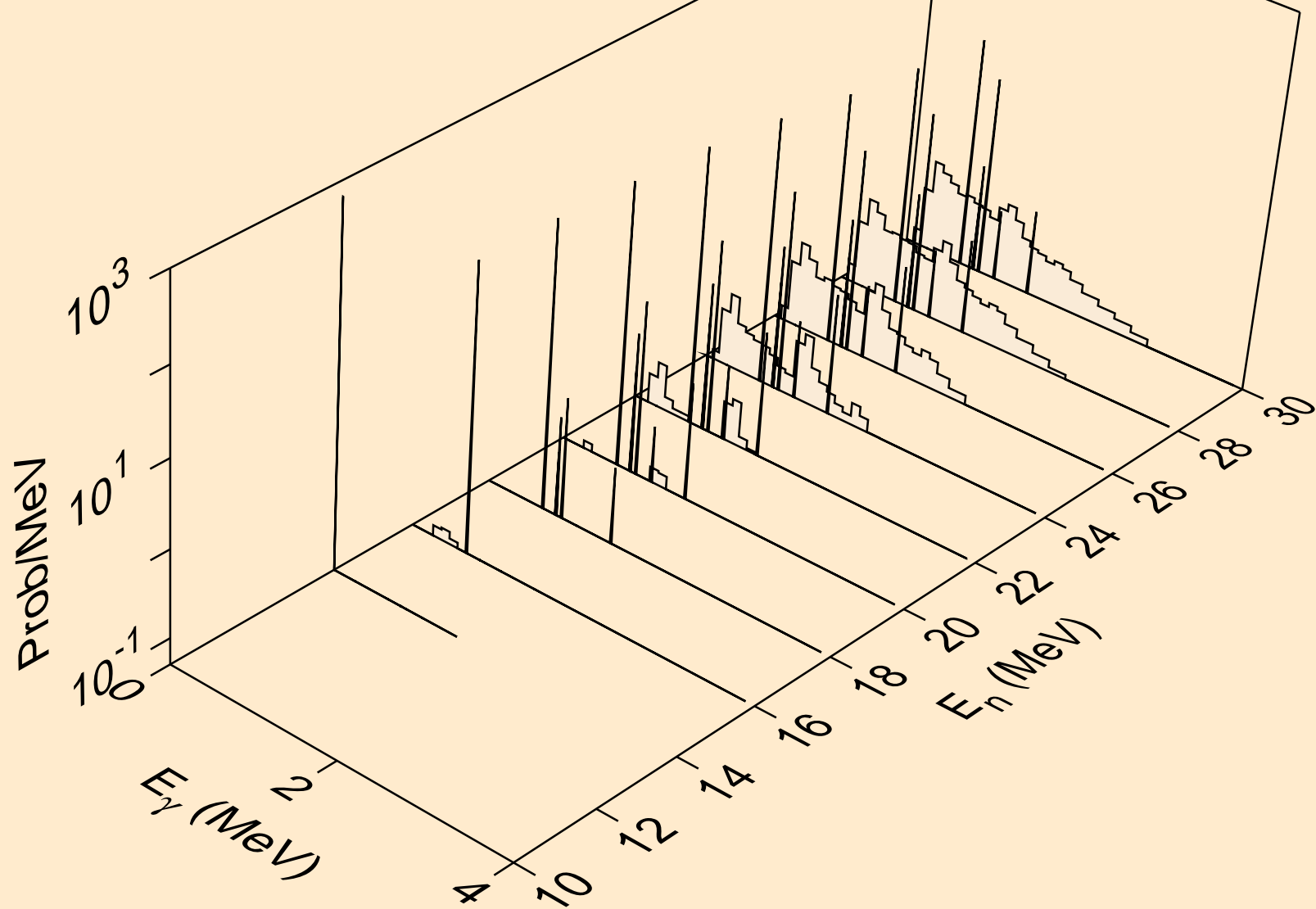
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



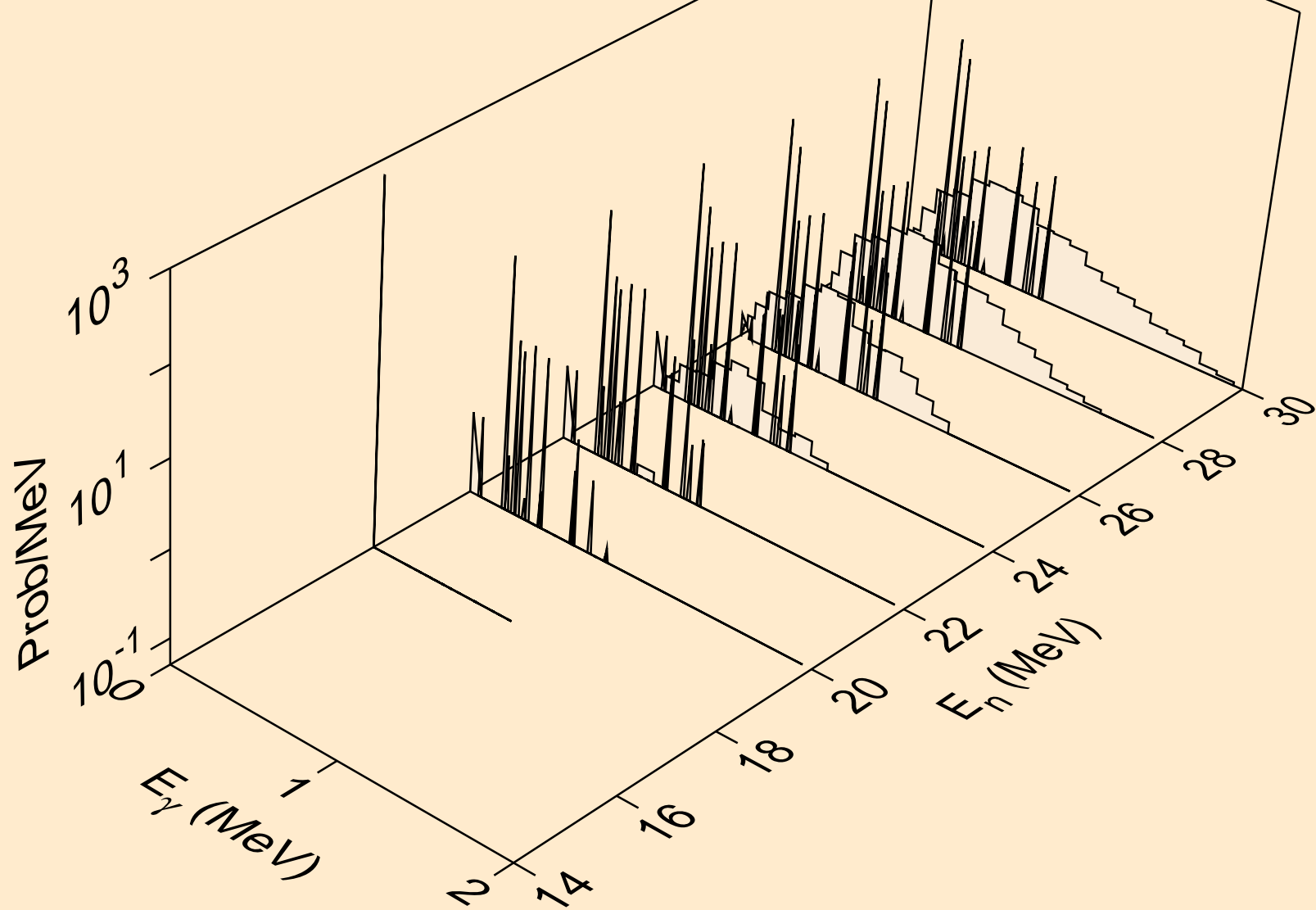
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



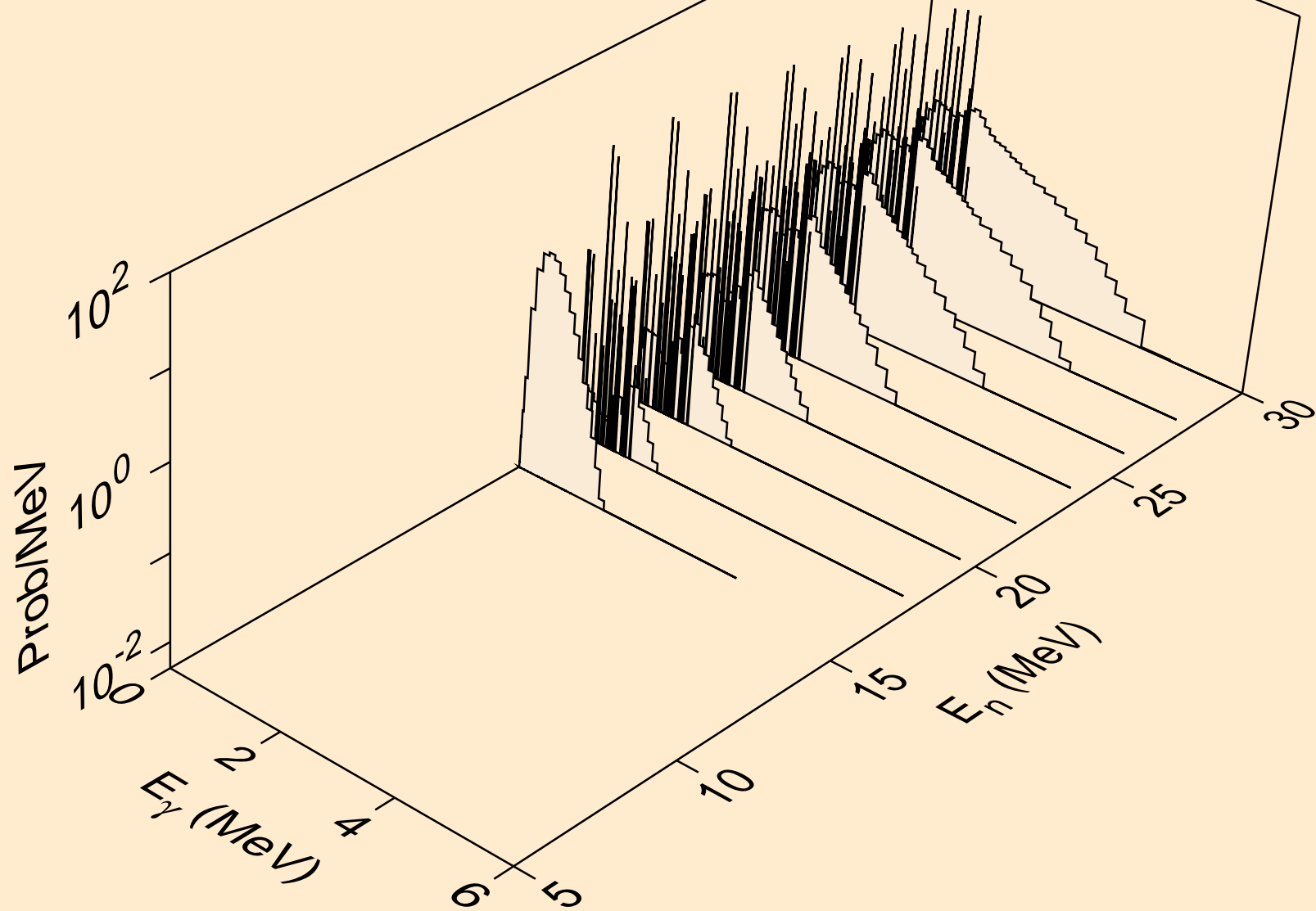
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



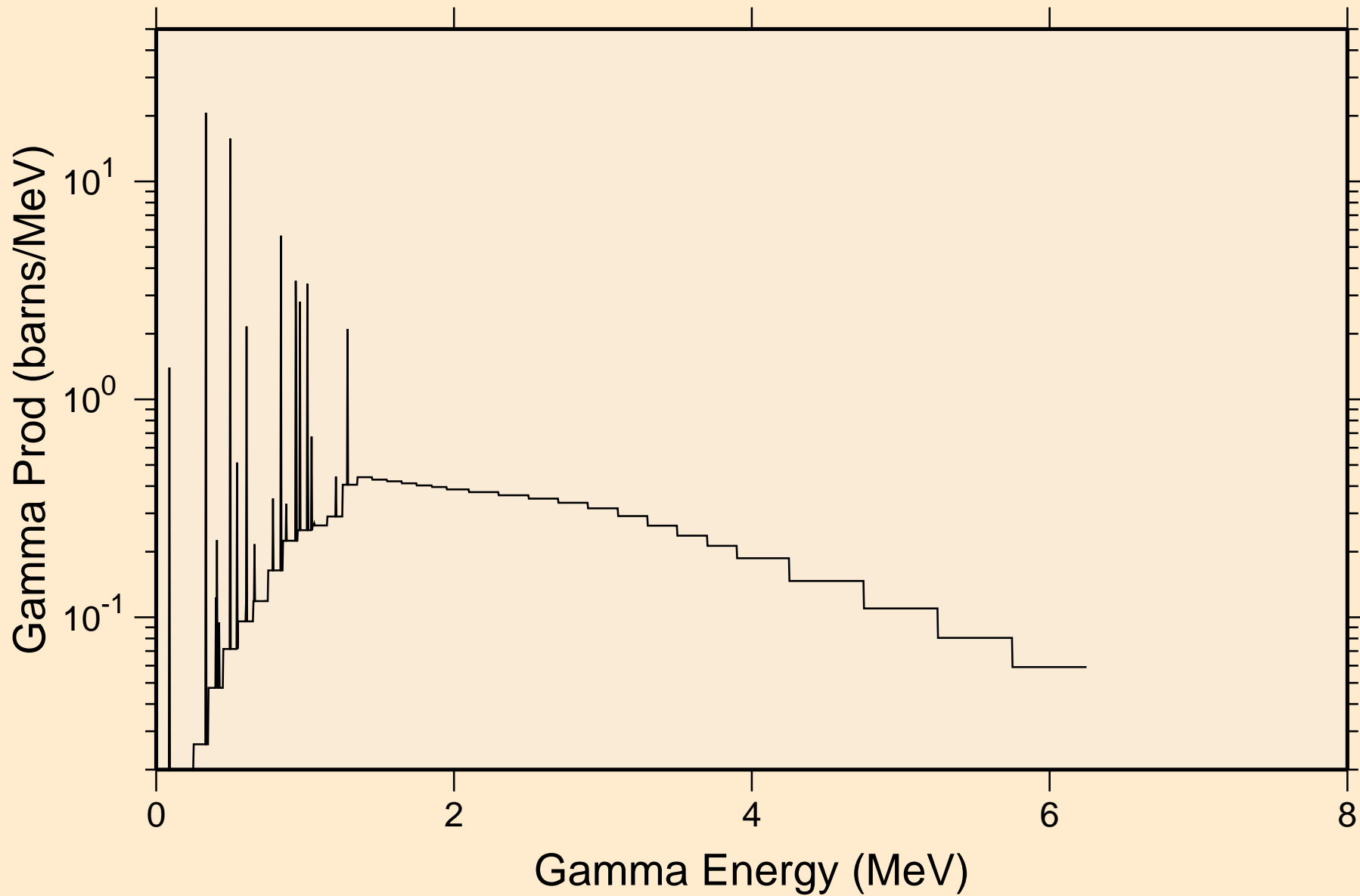
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



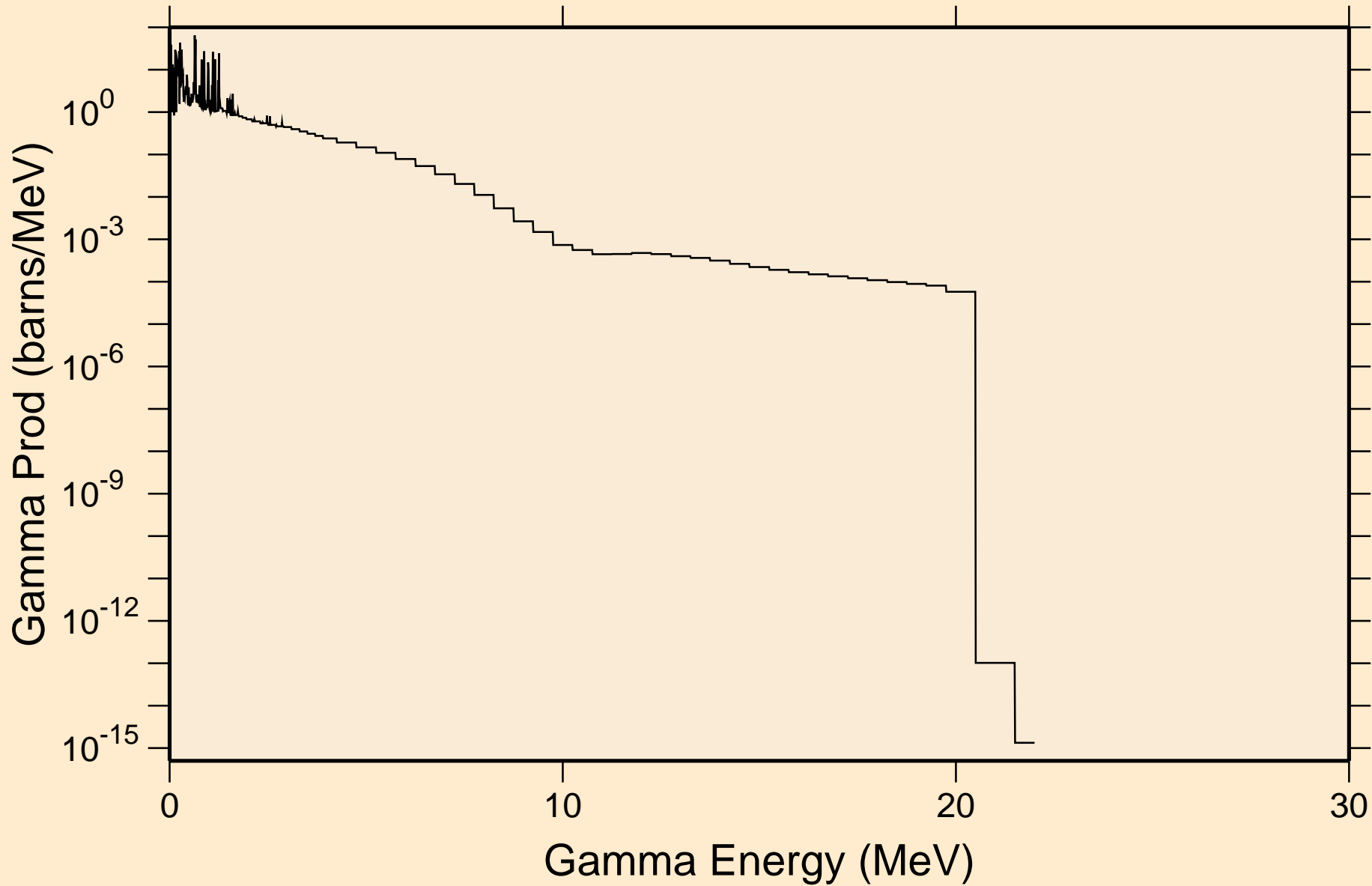
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

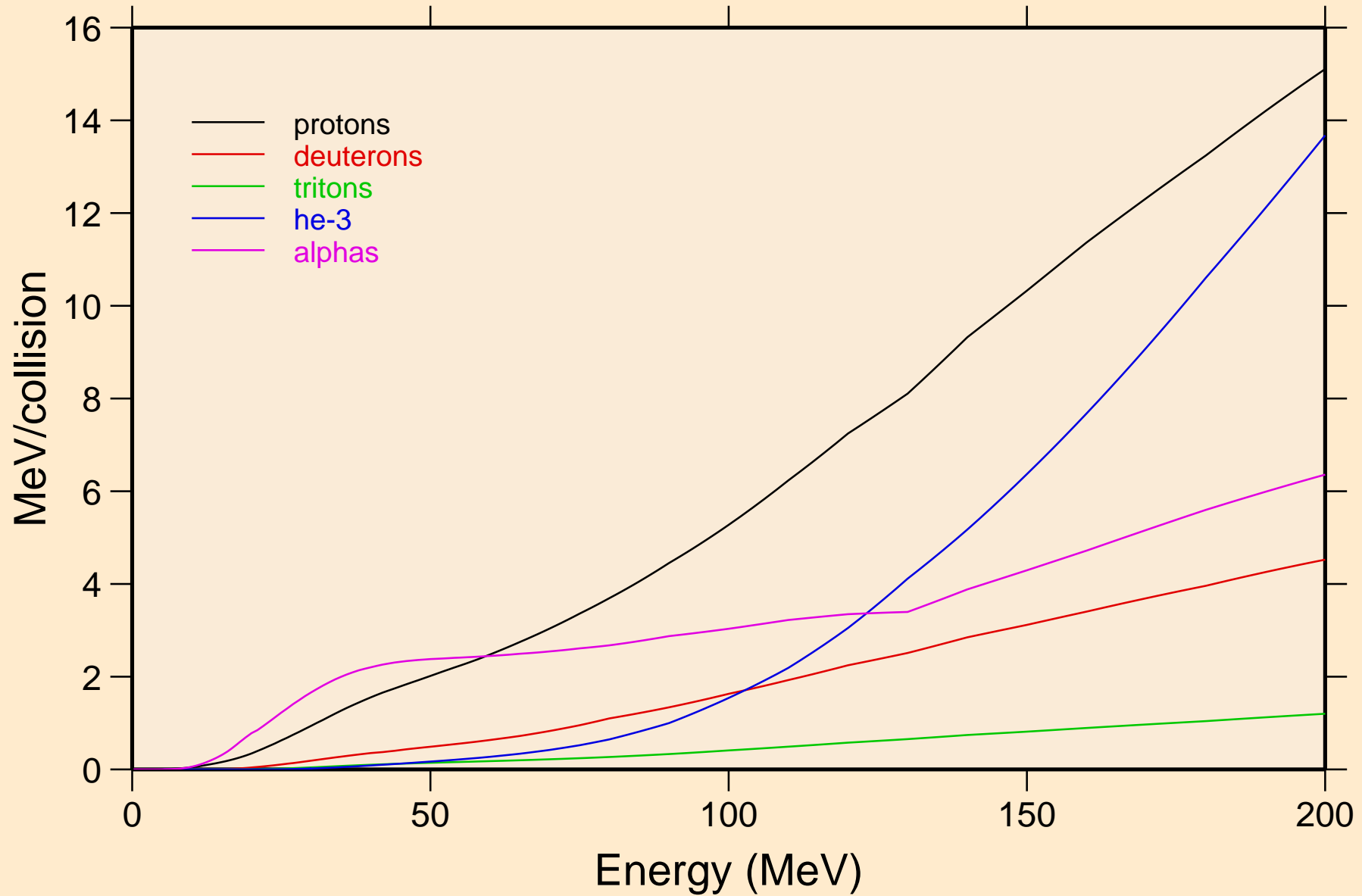


SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



# SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

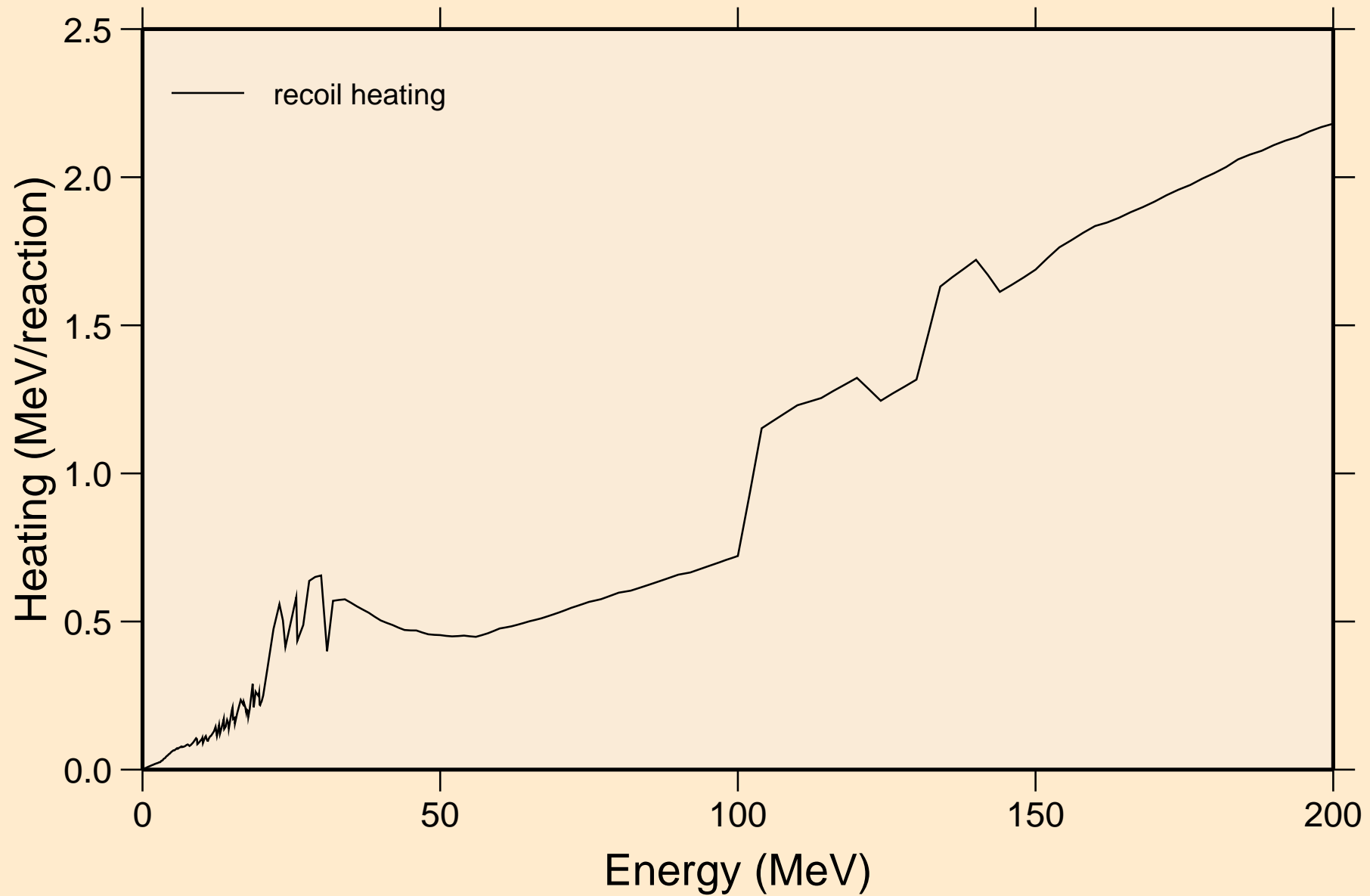
## Particle heating contributions





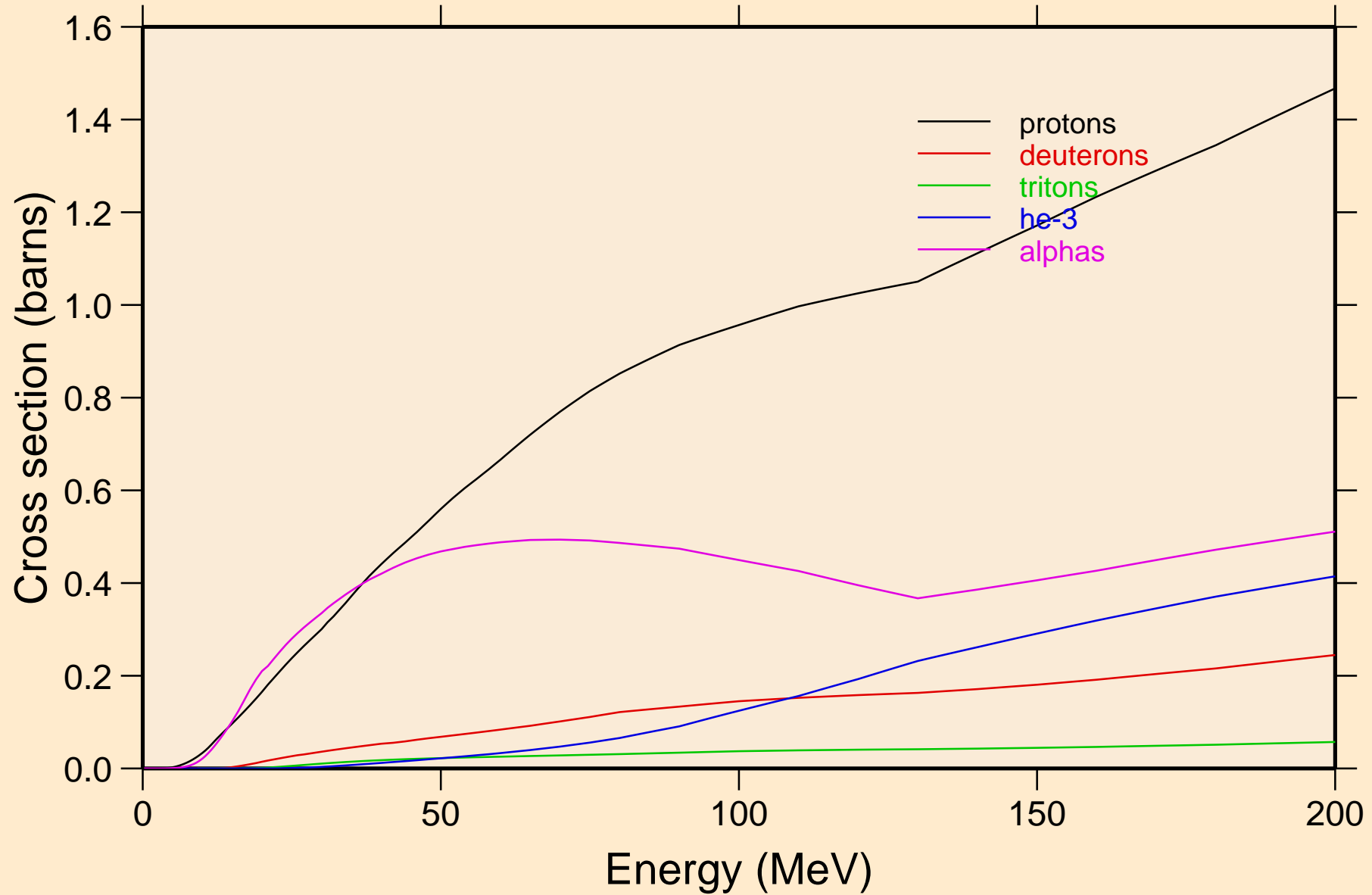
# SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

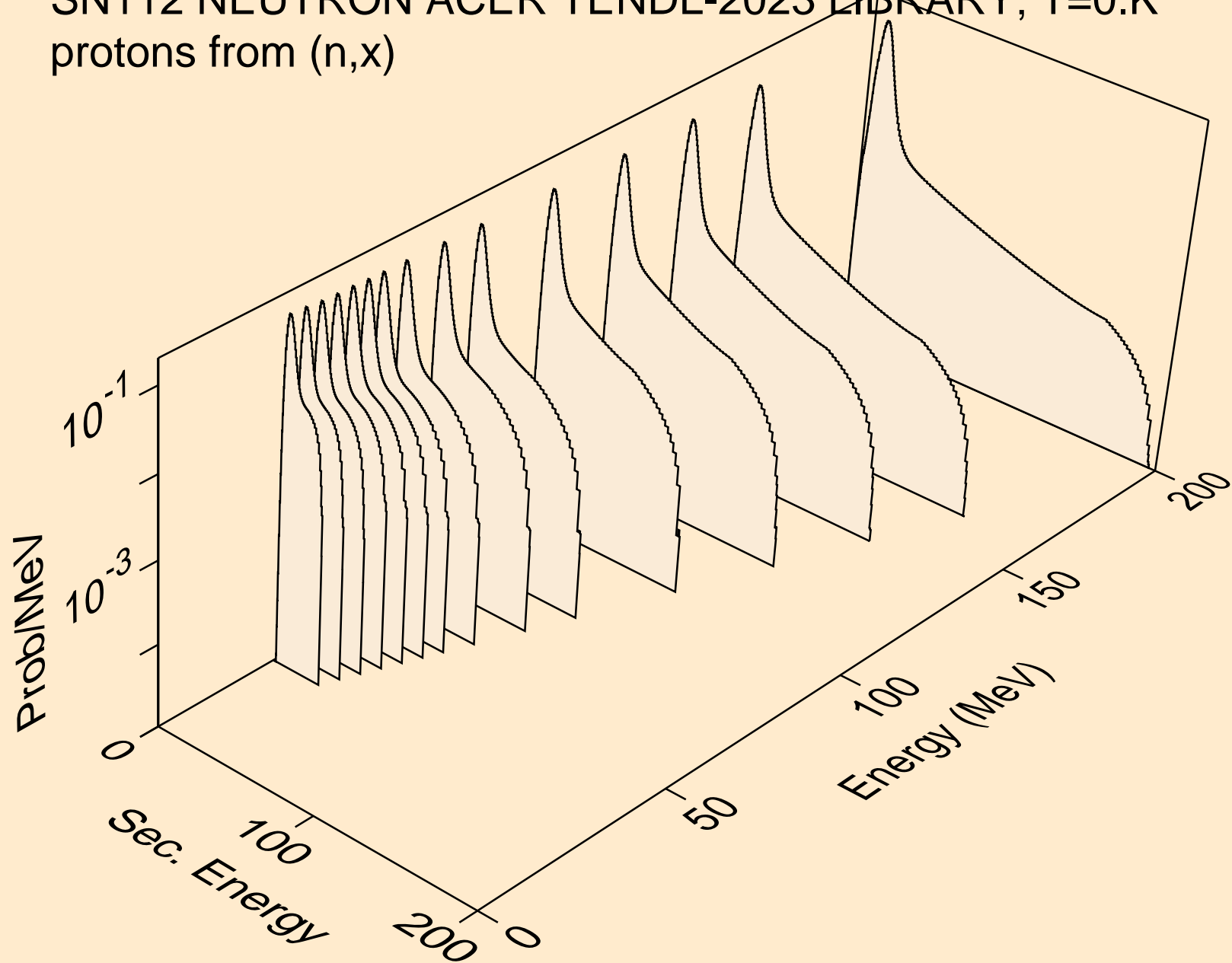


# SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

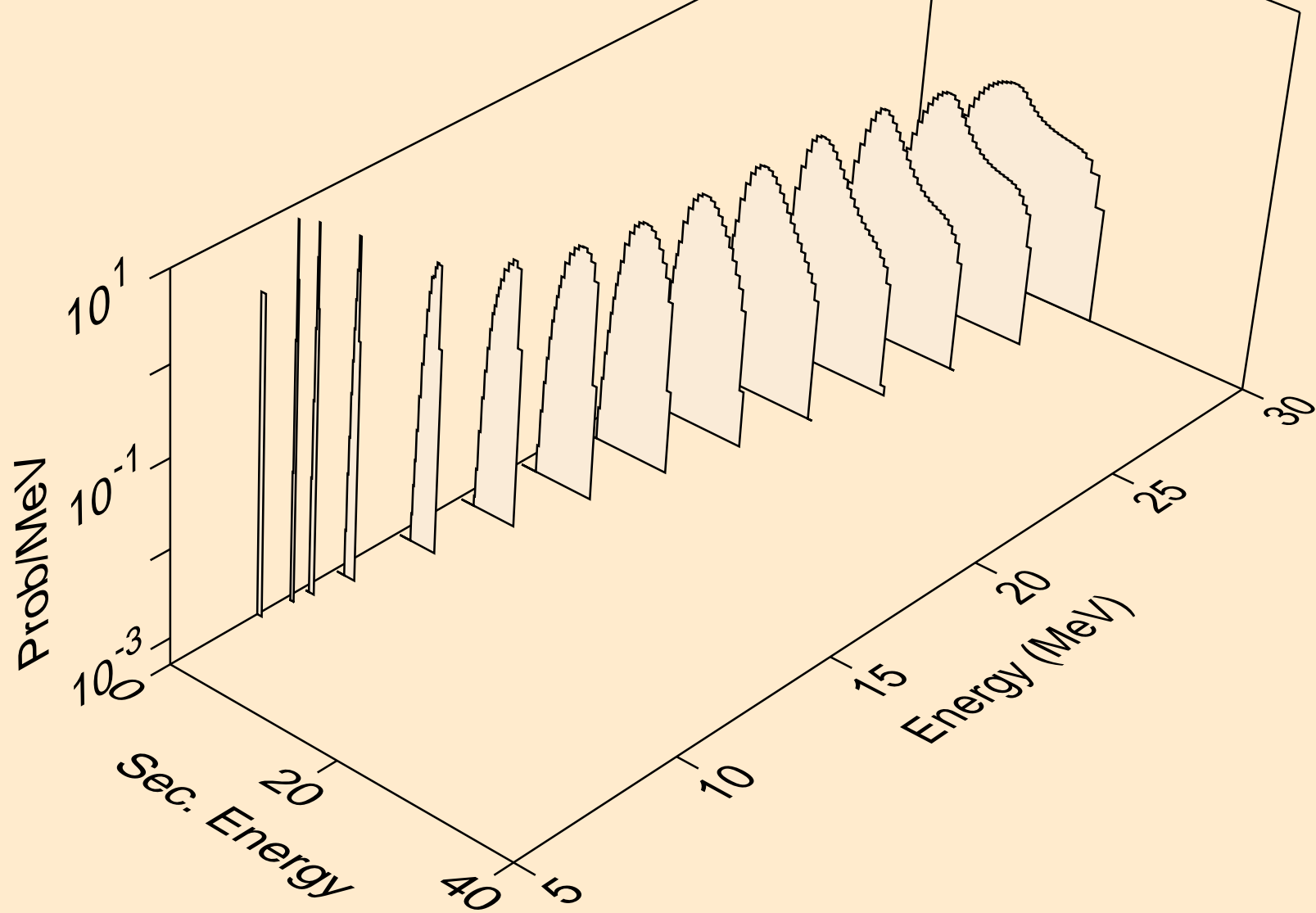
## Particle production cross sections



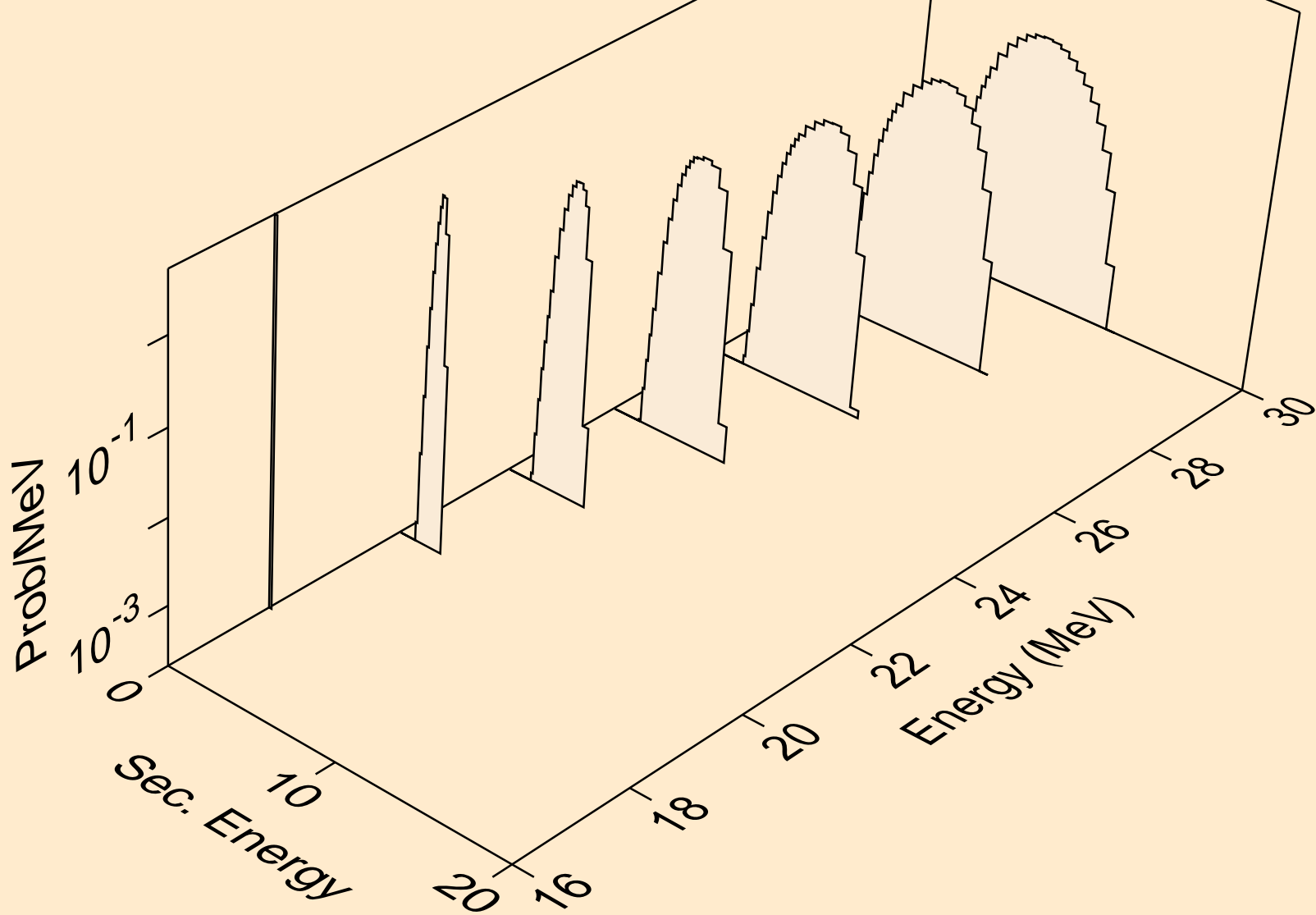
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



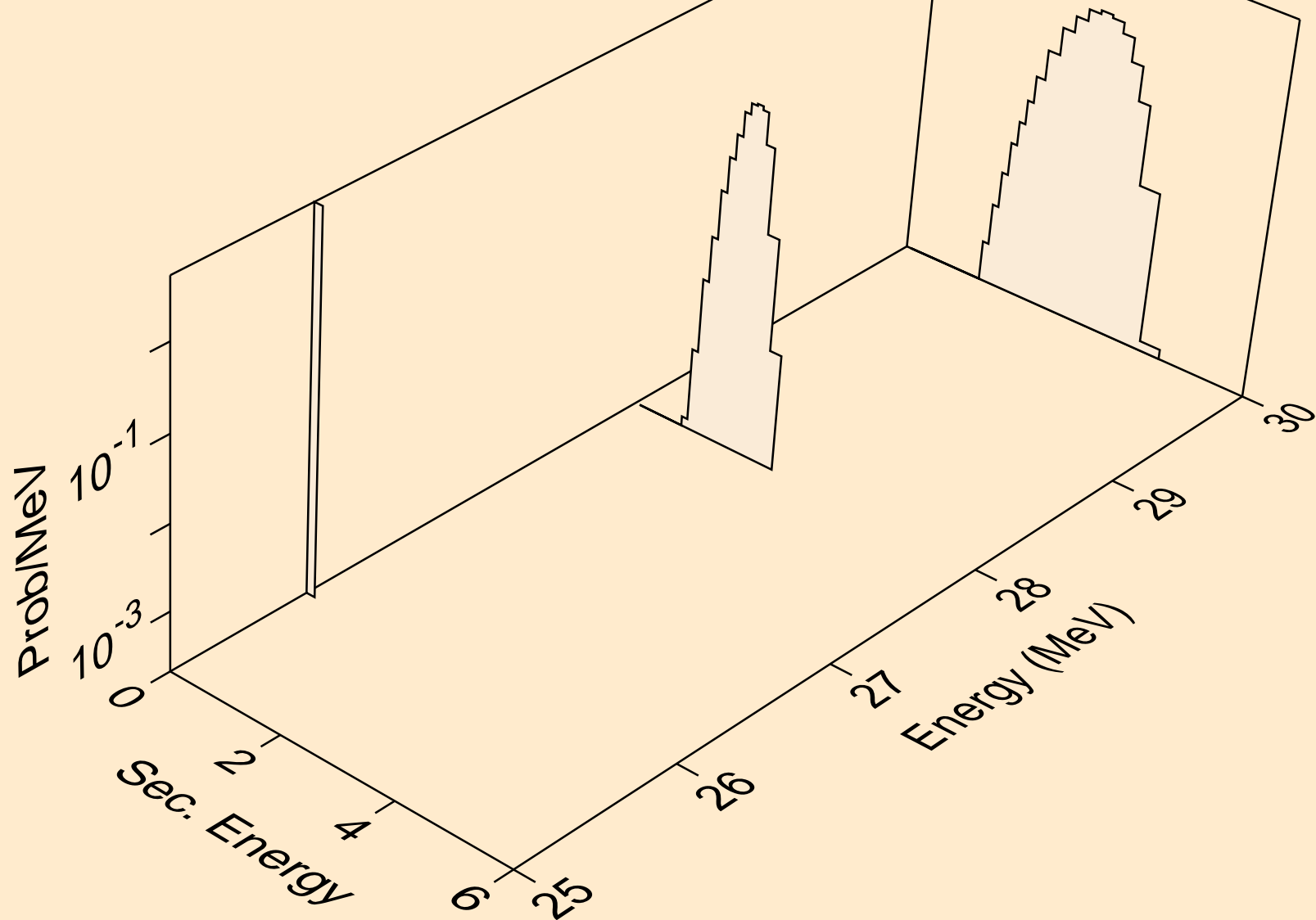
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



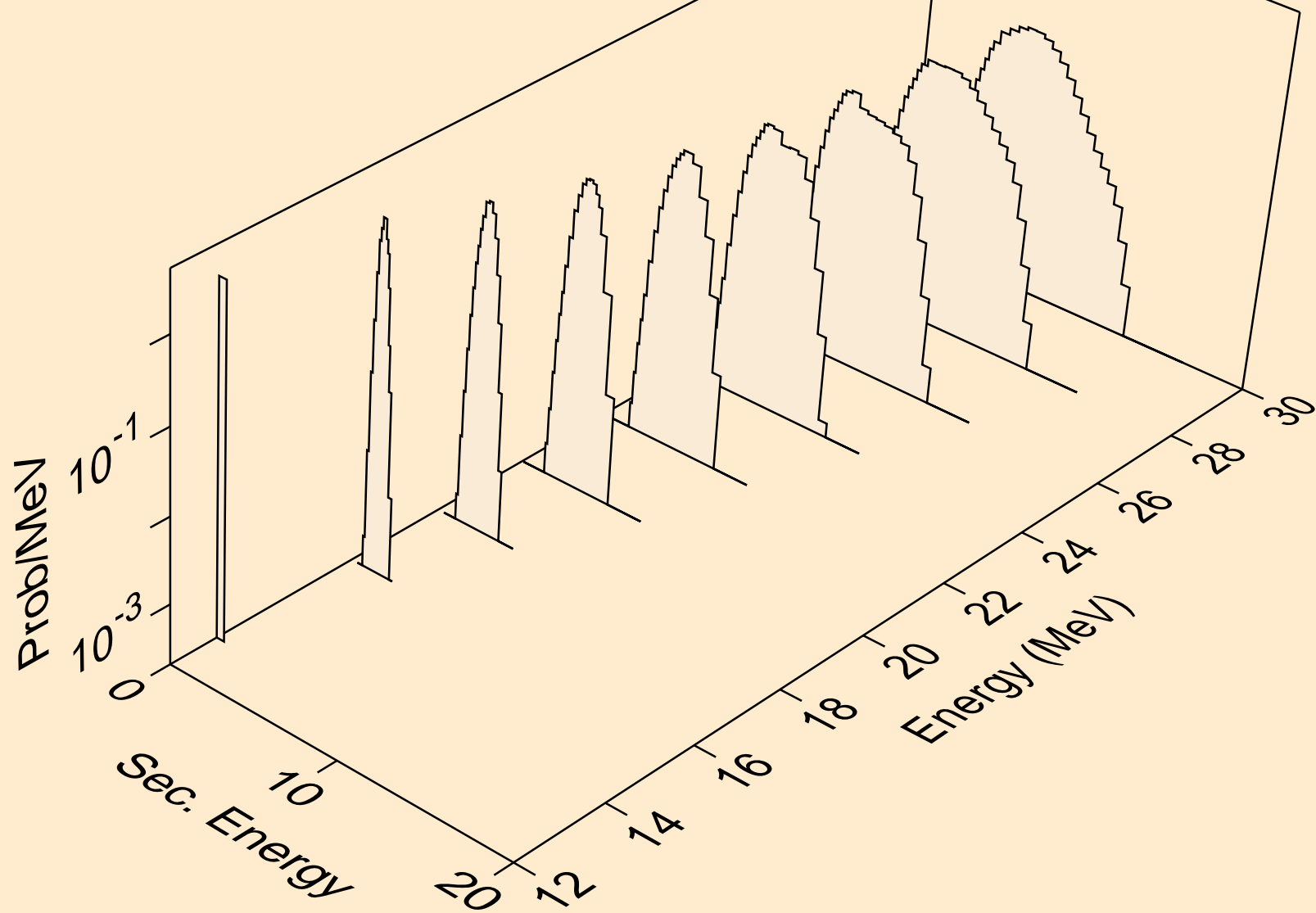
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protons from (n,2np)



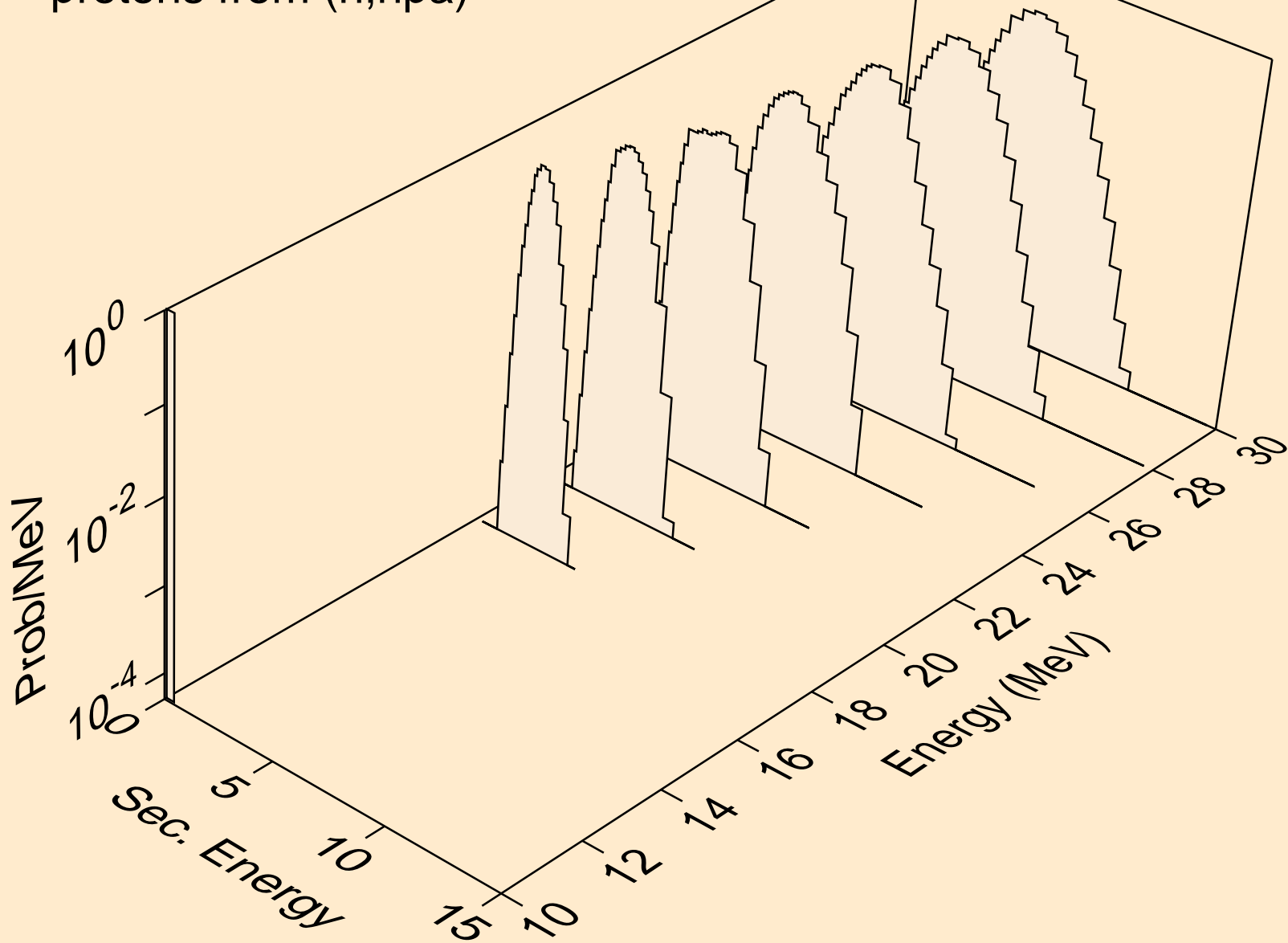
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)

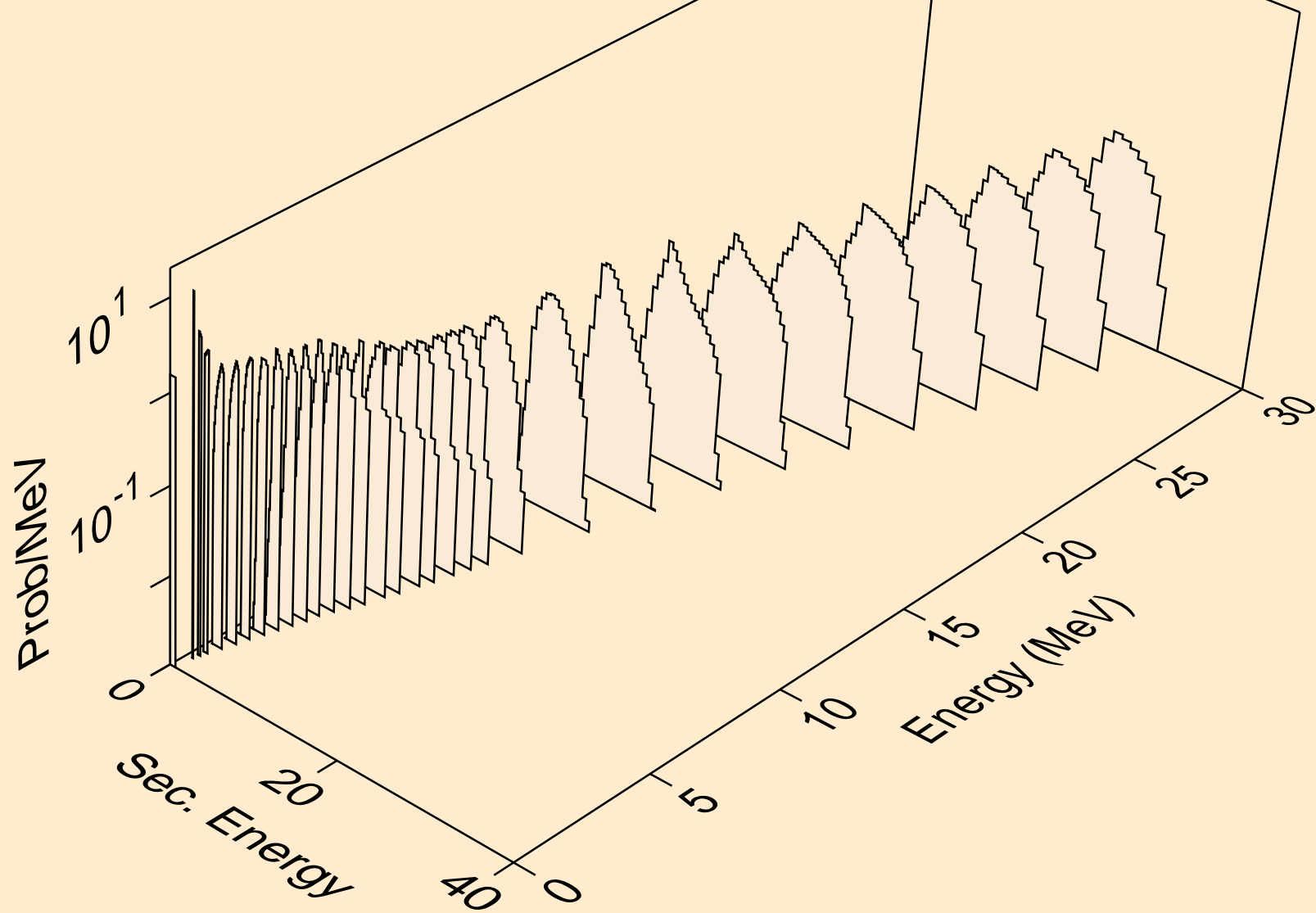


SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,npa)

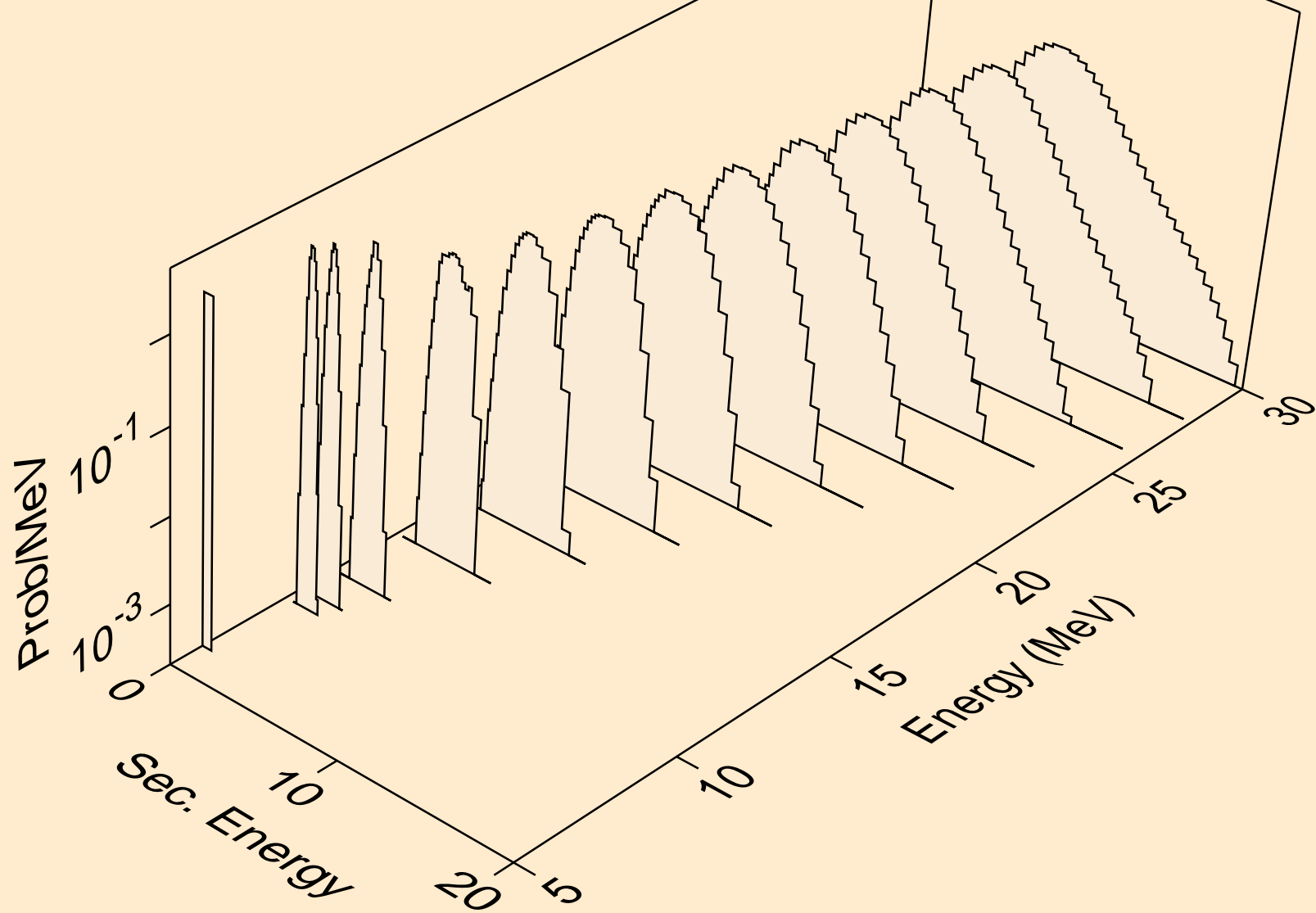




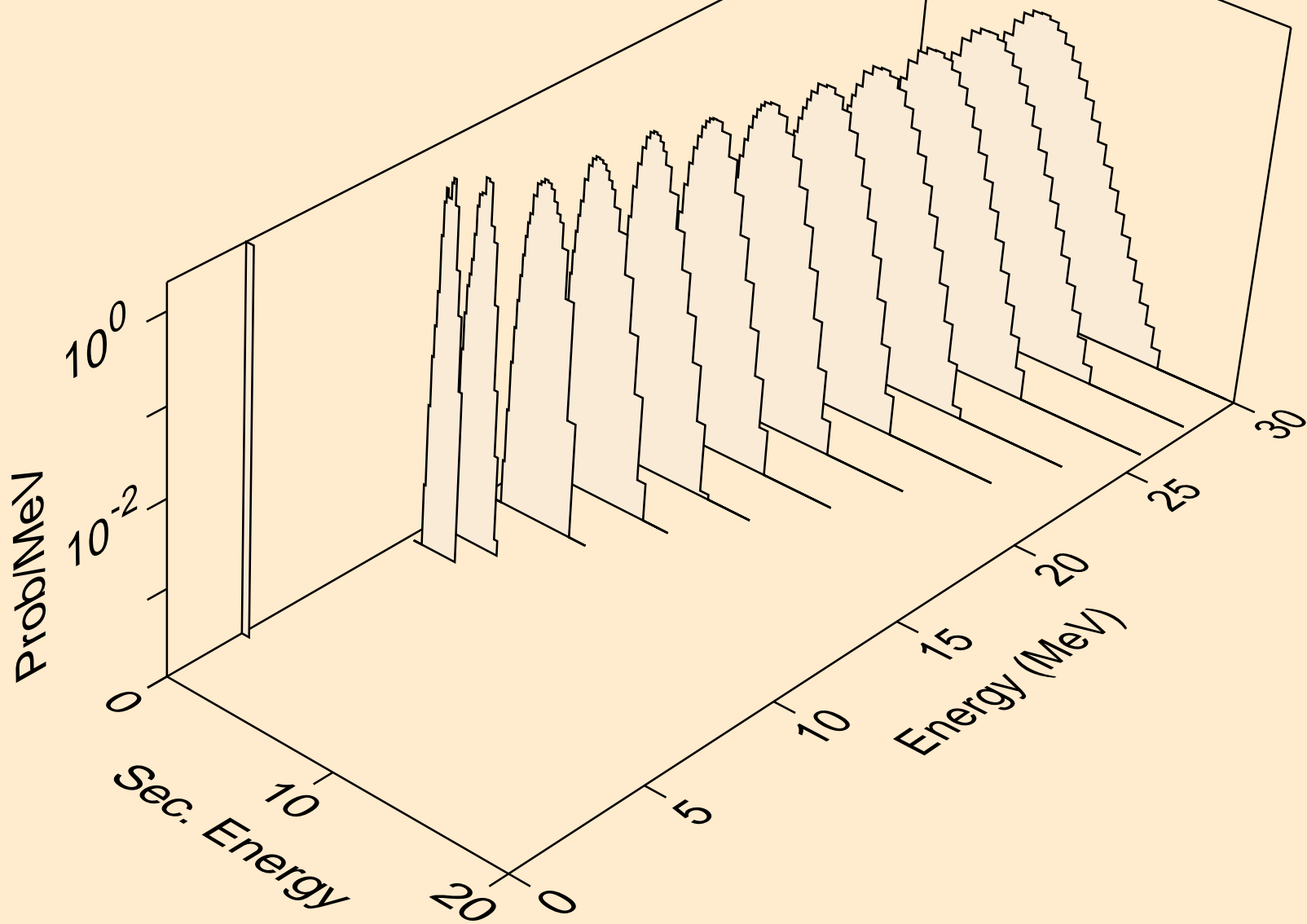
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protons from (n,p)



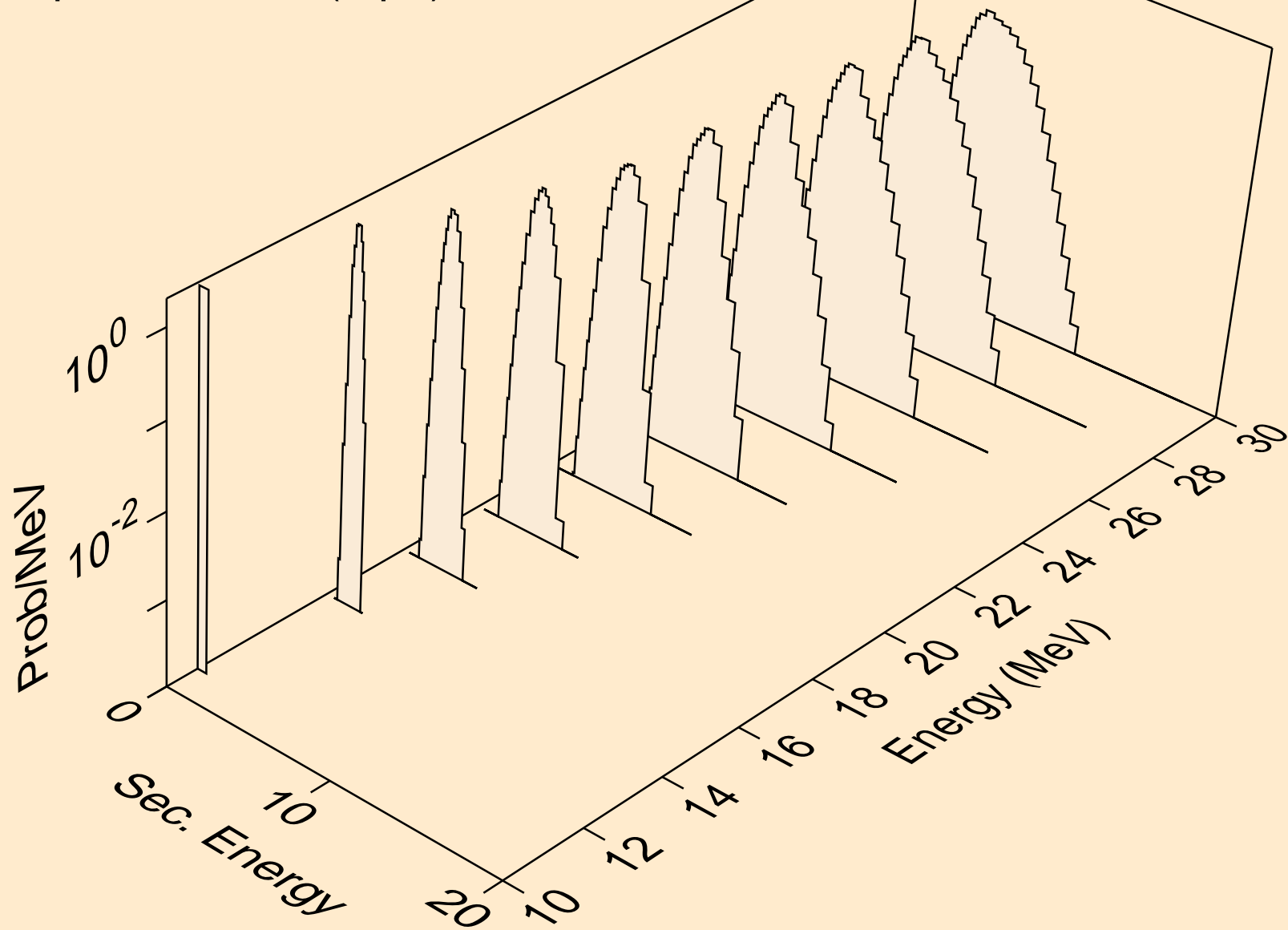
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protons from (n,2p)



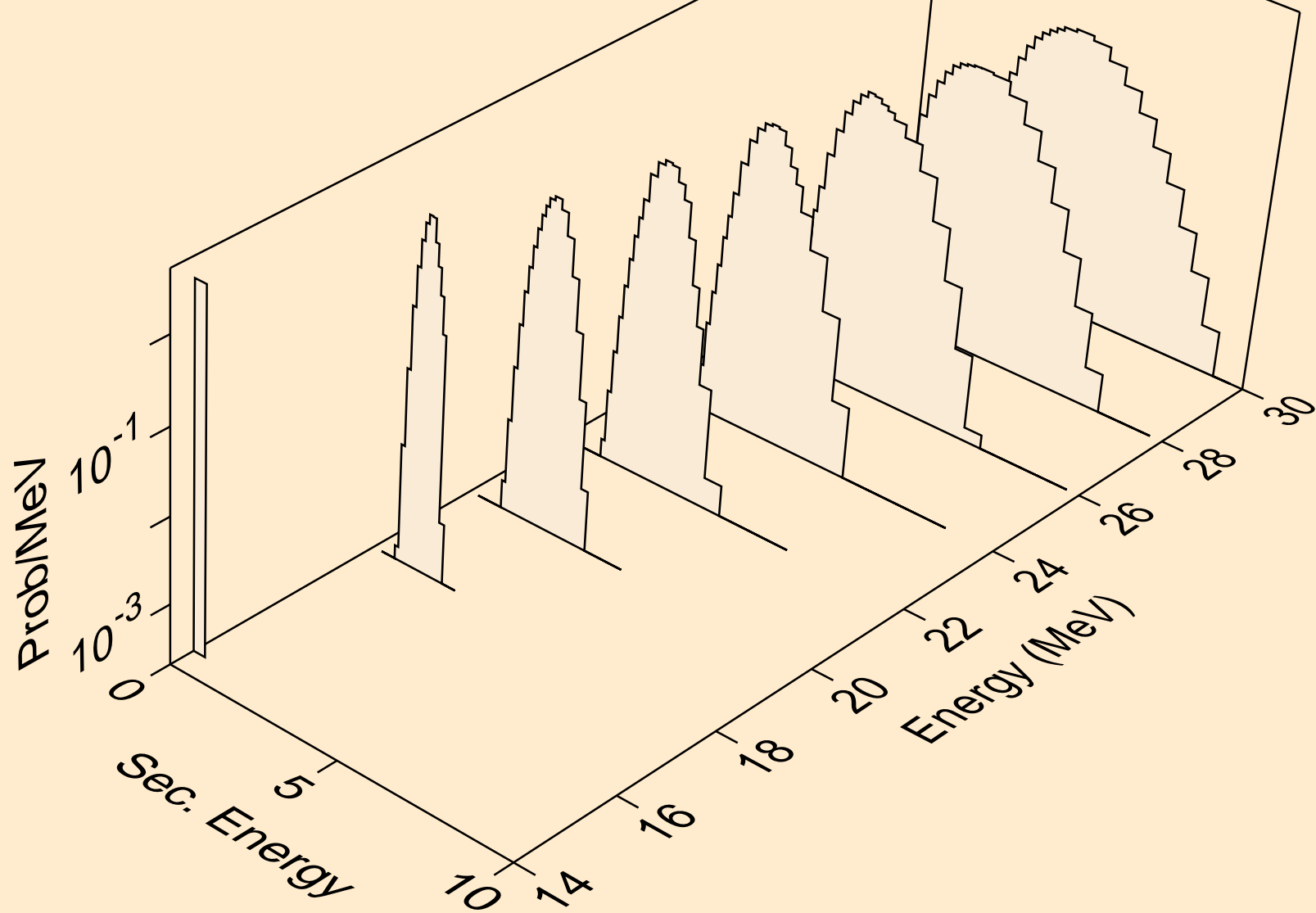
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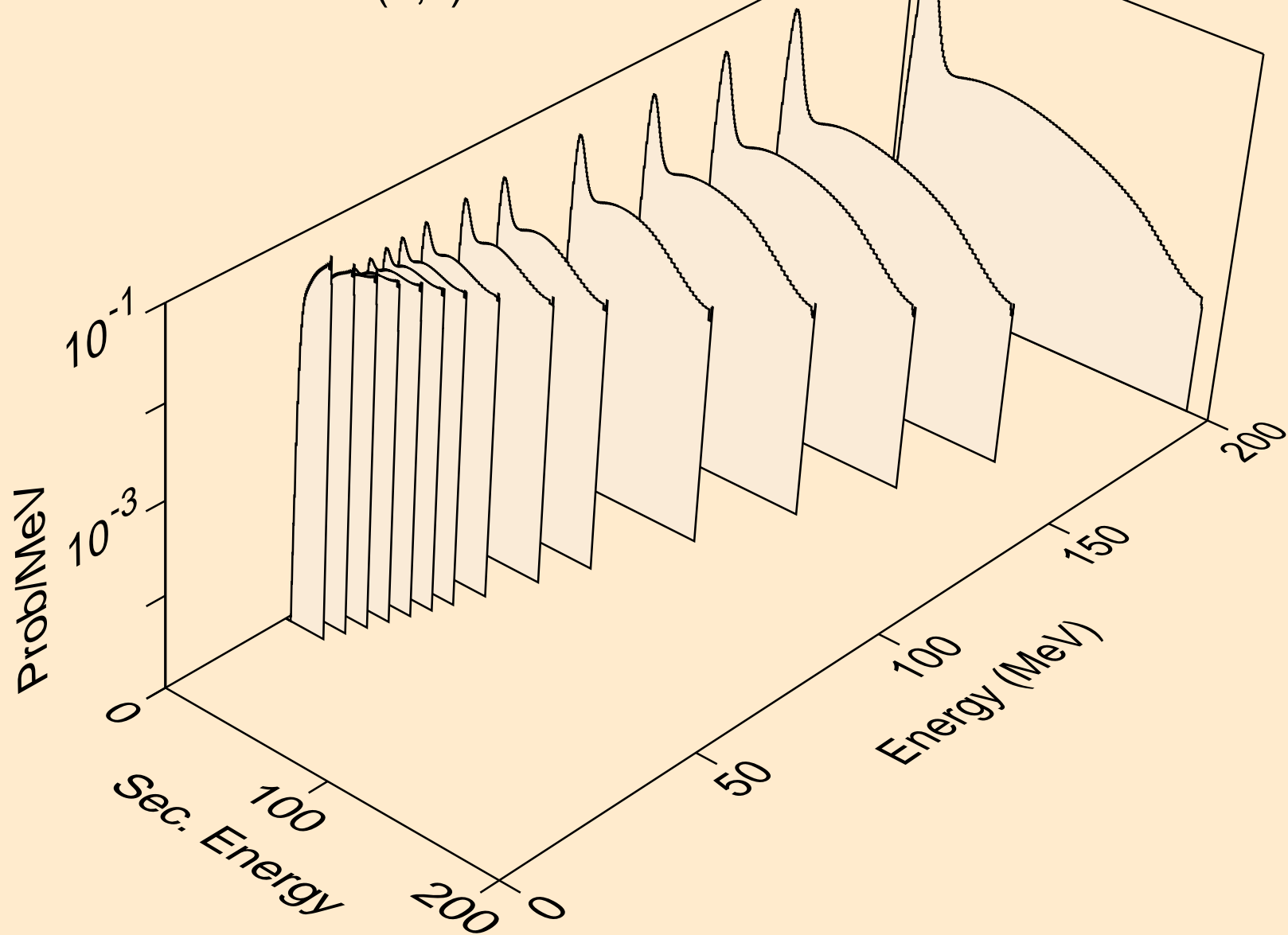
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protons from (n,pd)



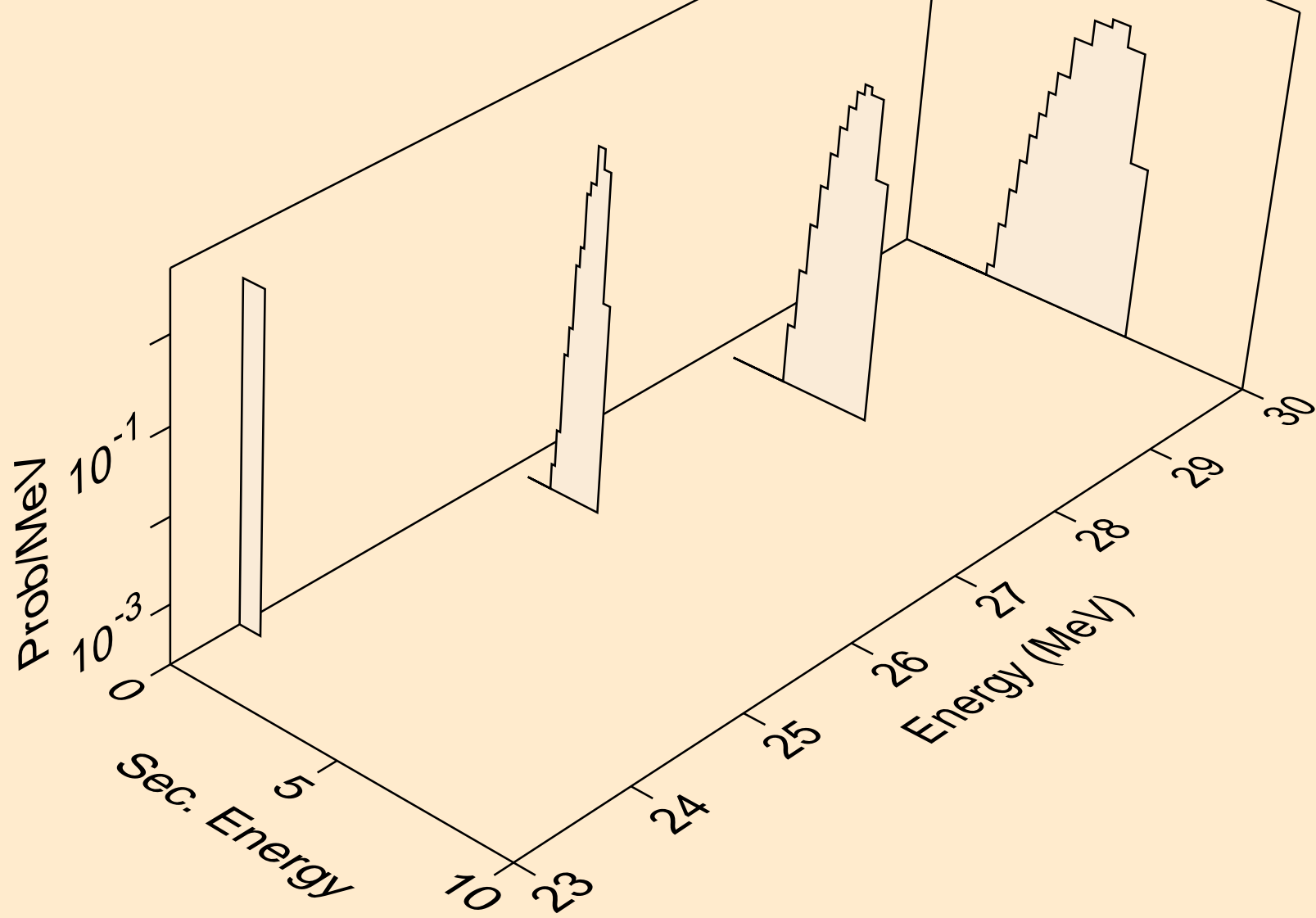
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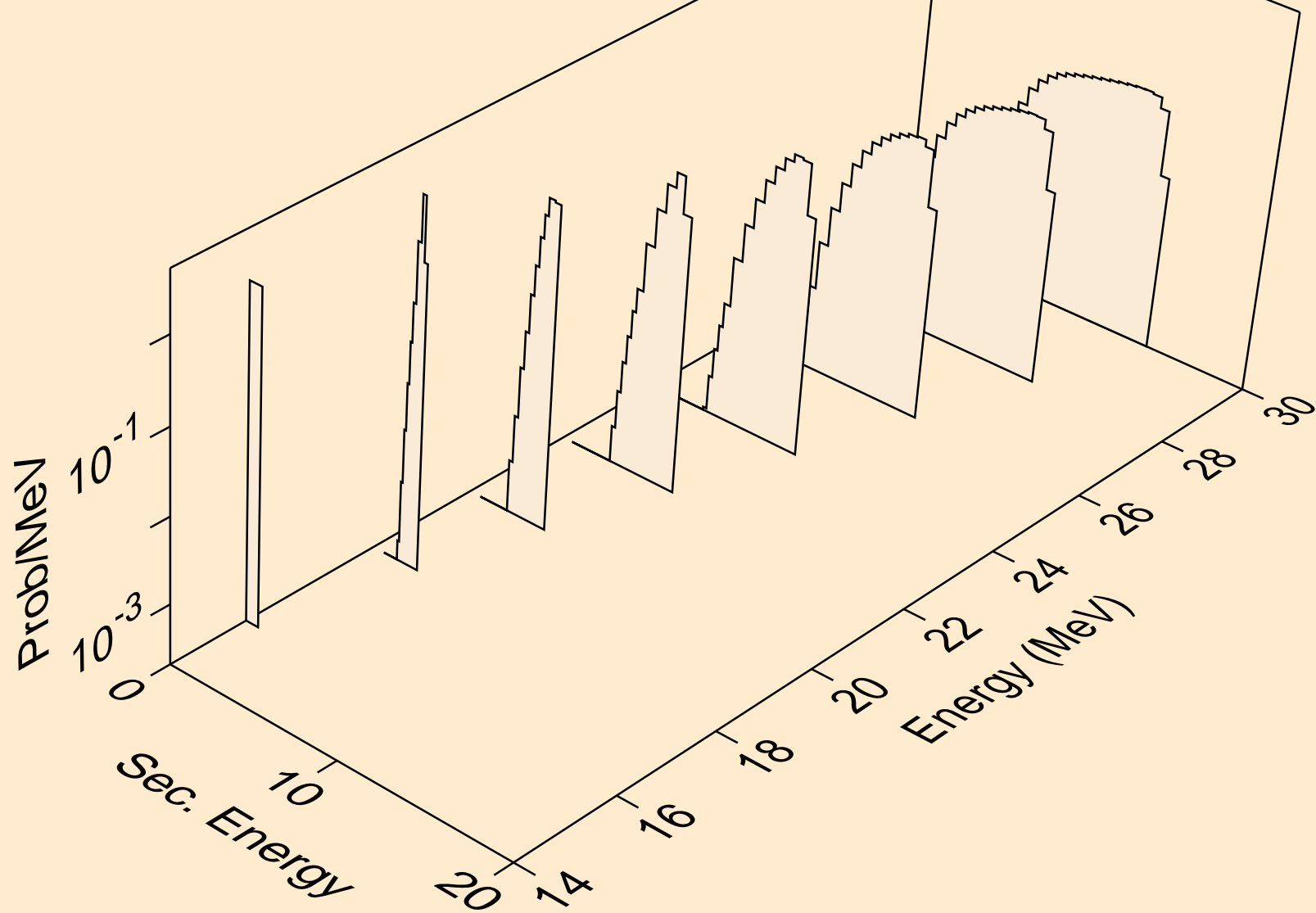
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)

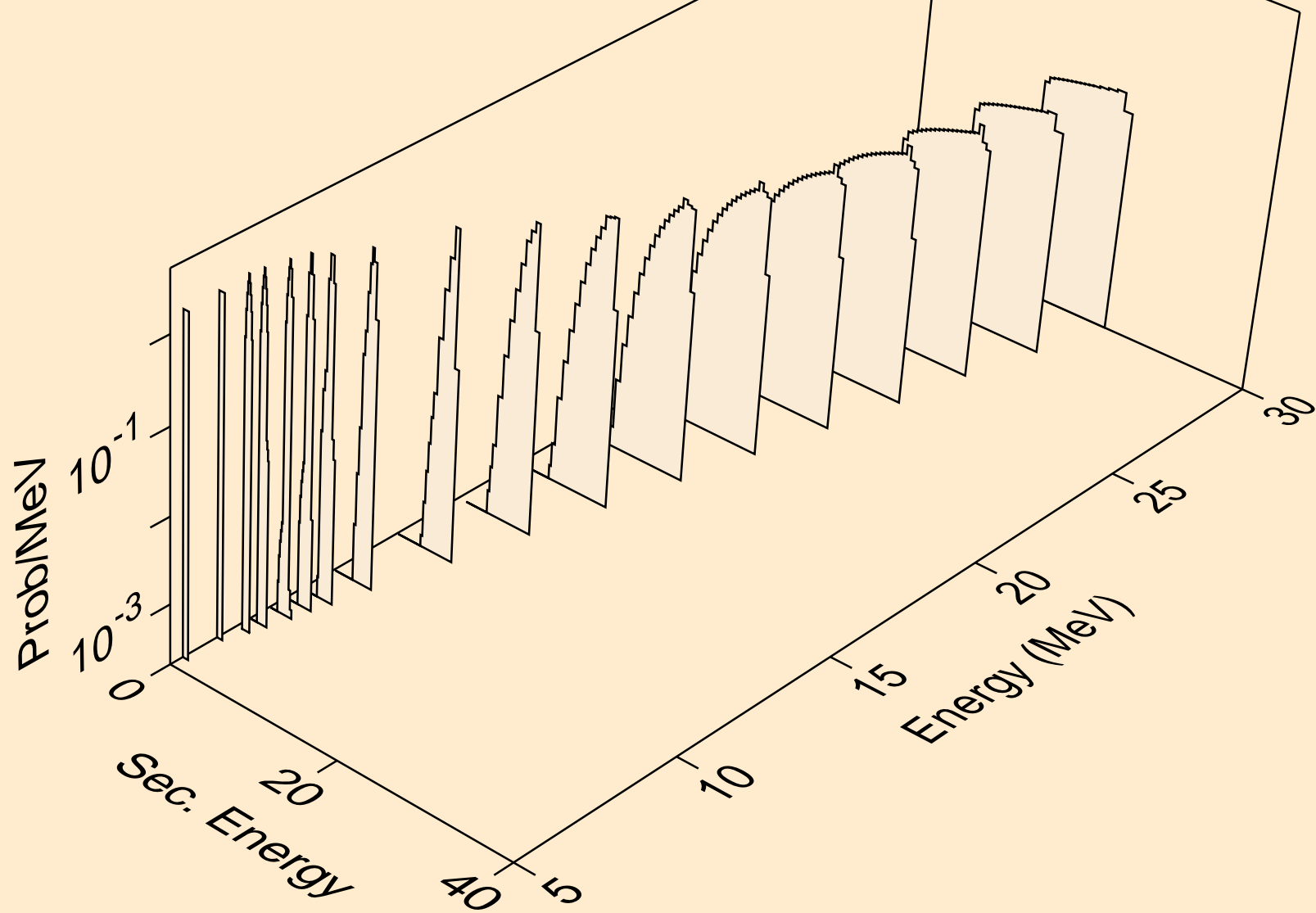


SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d

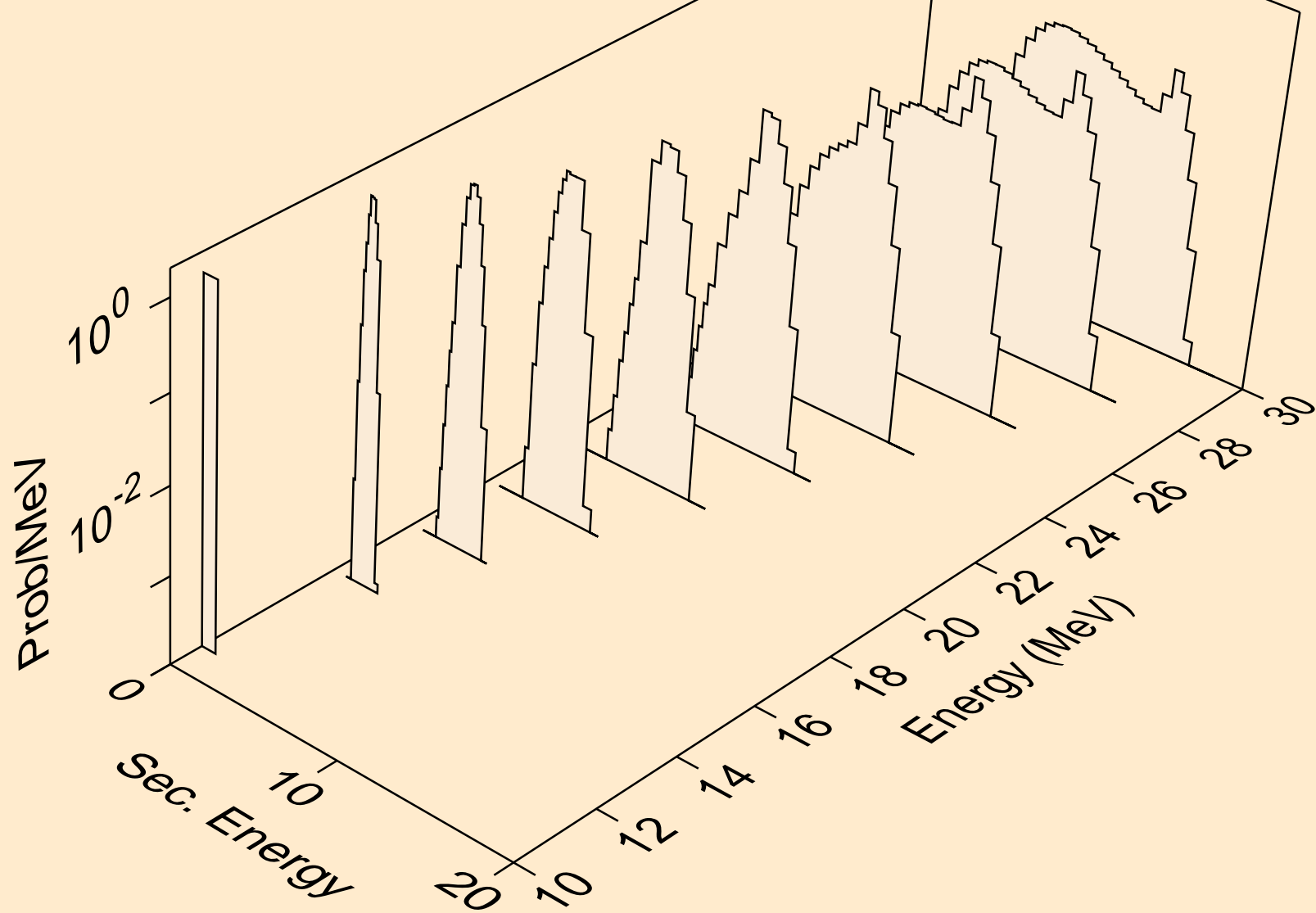




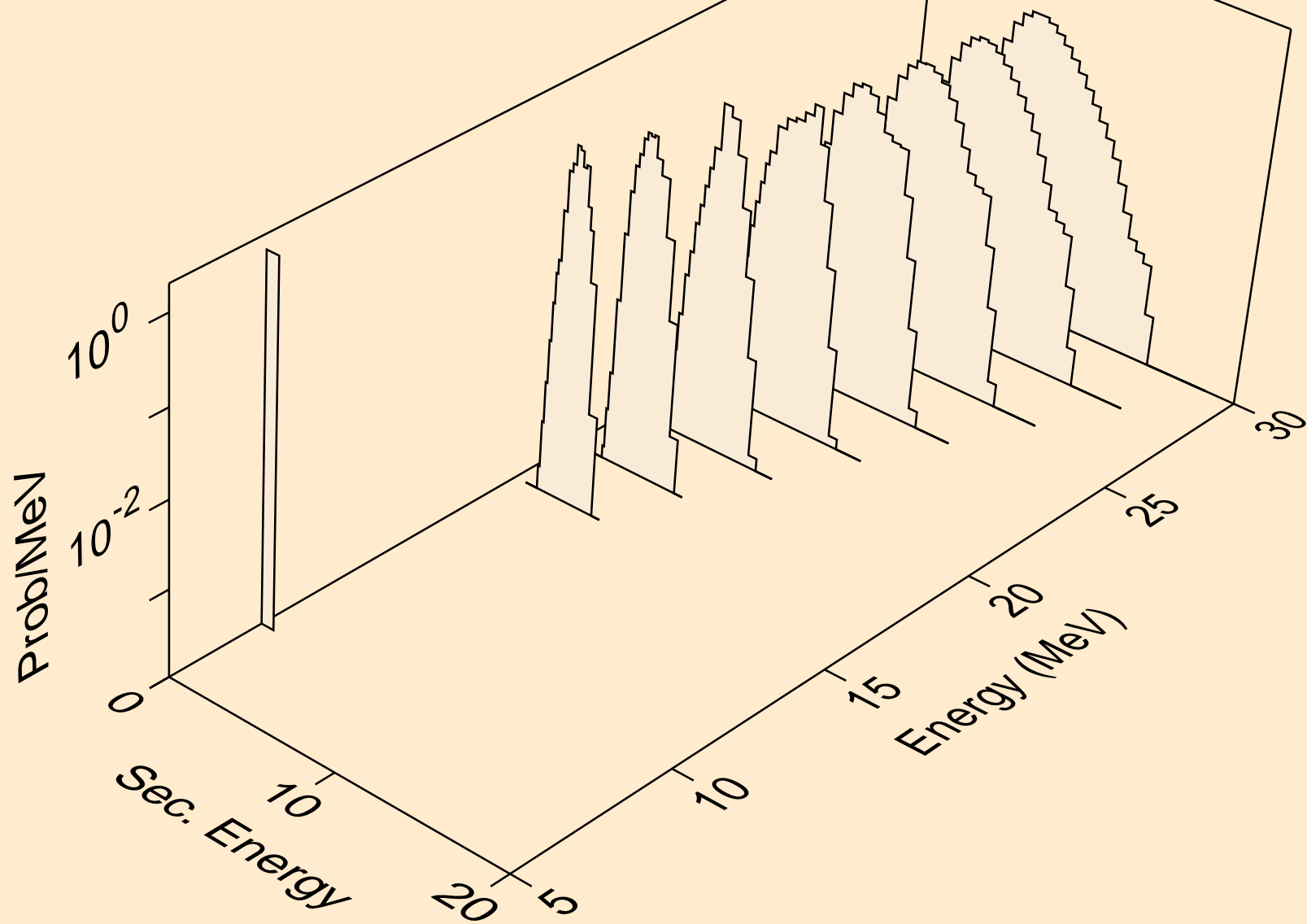
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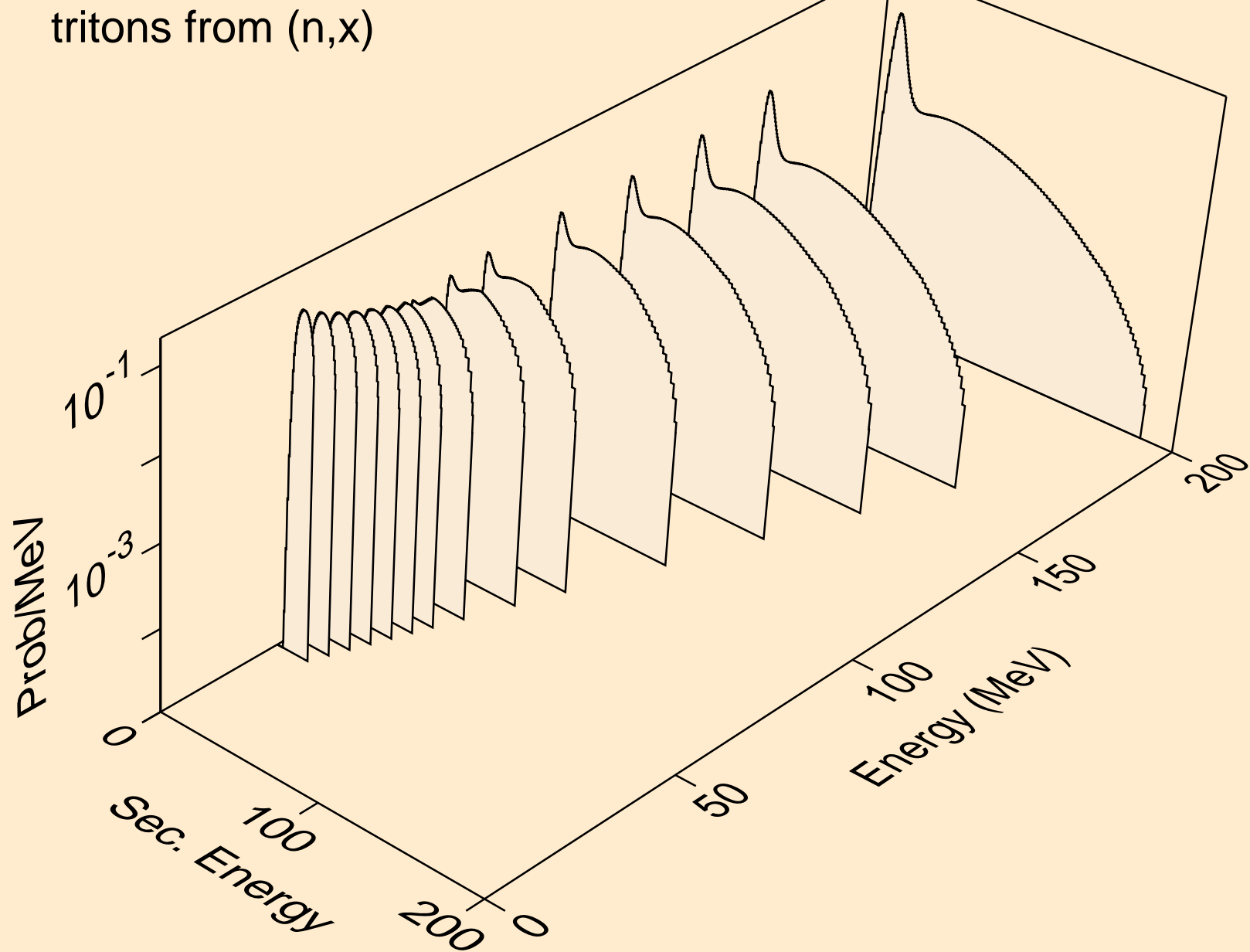
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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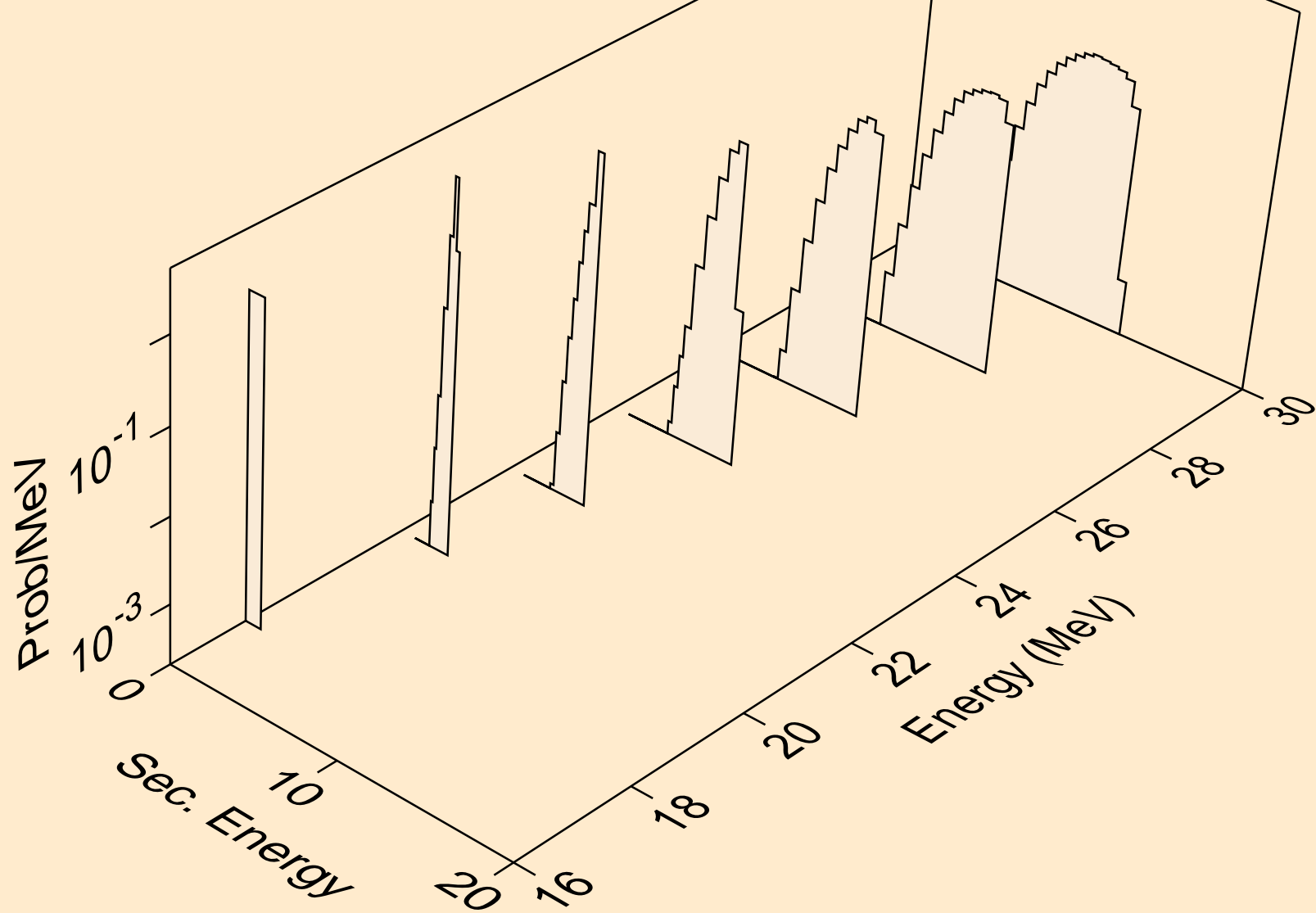
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
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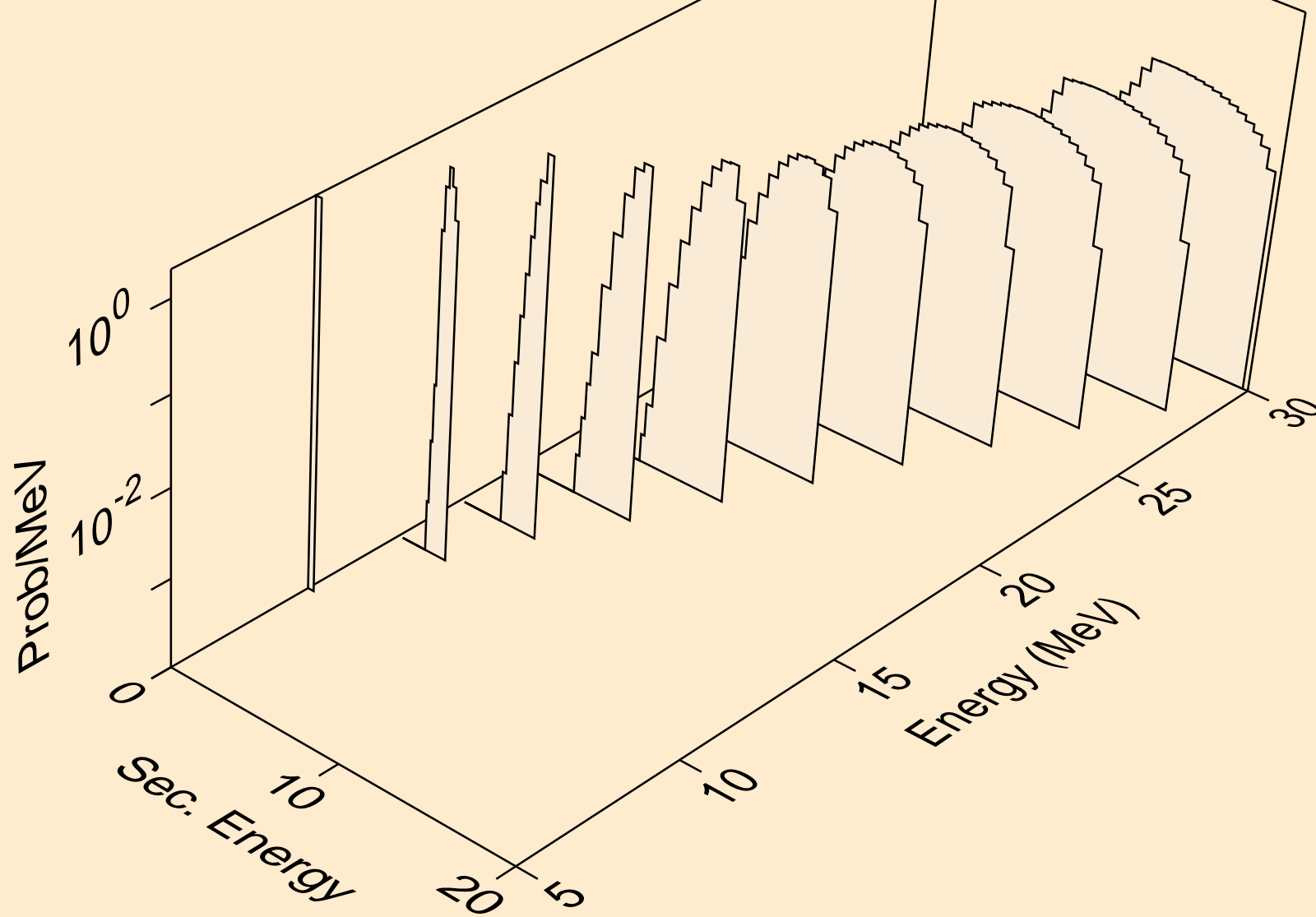
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



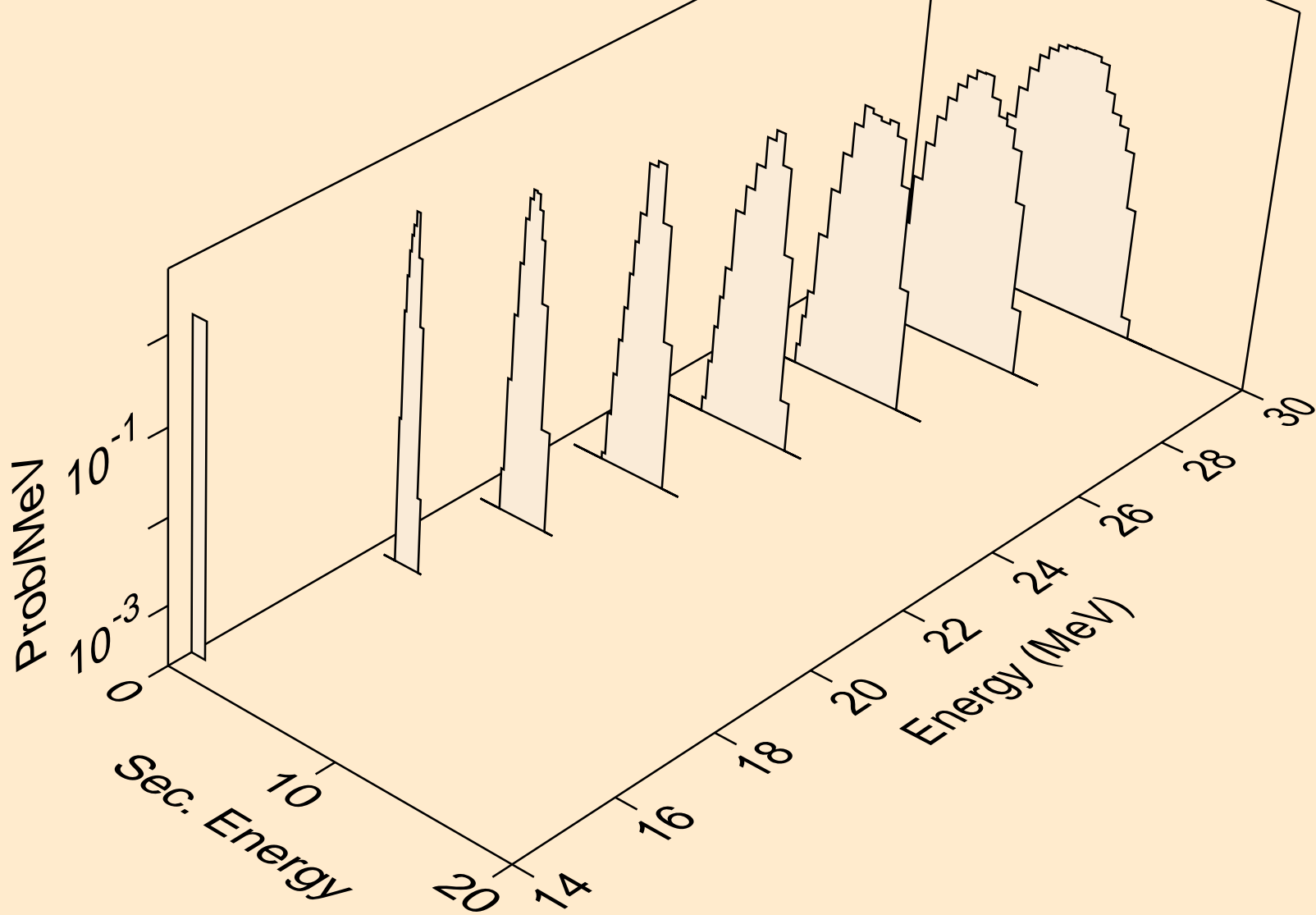
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



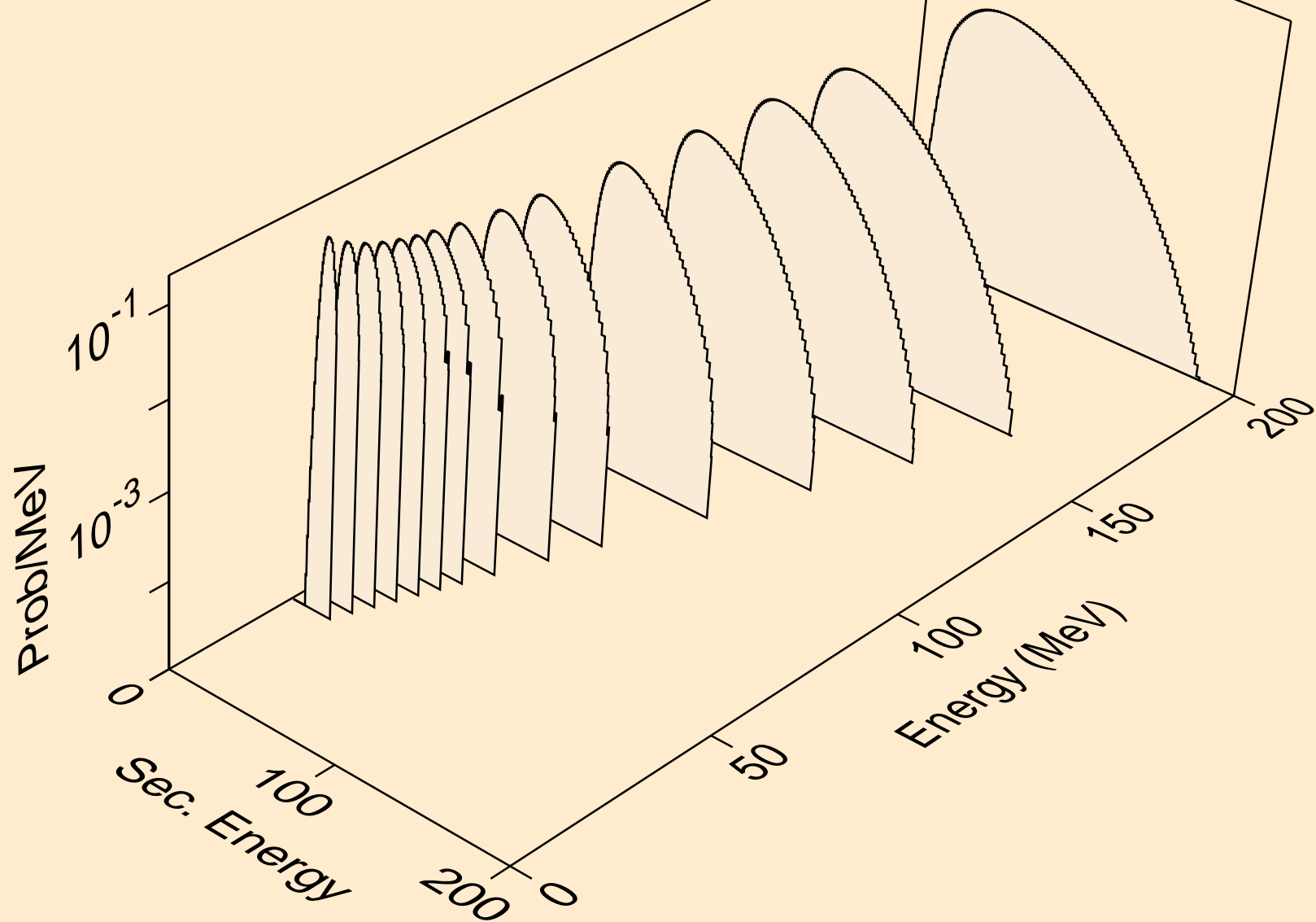
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)



SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)

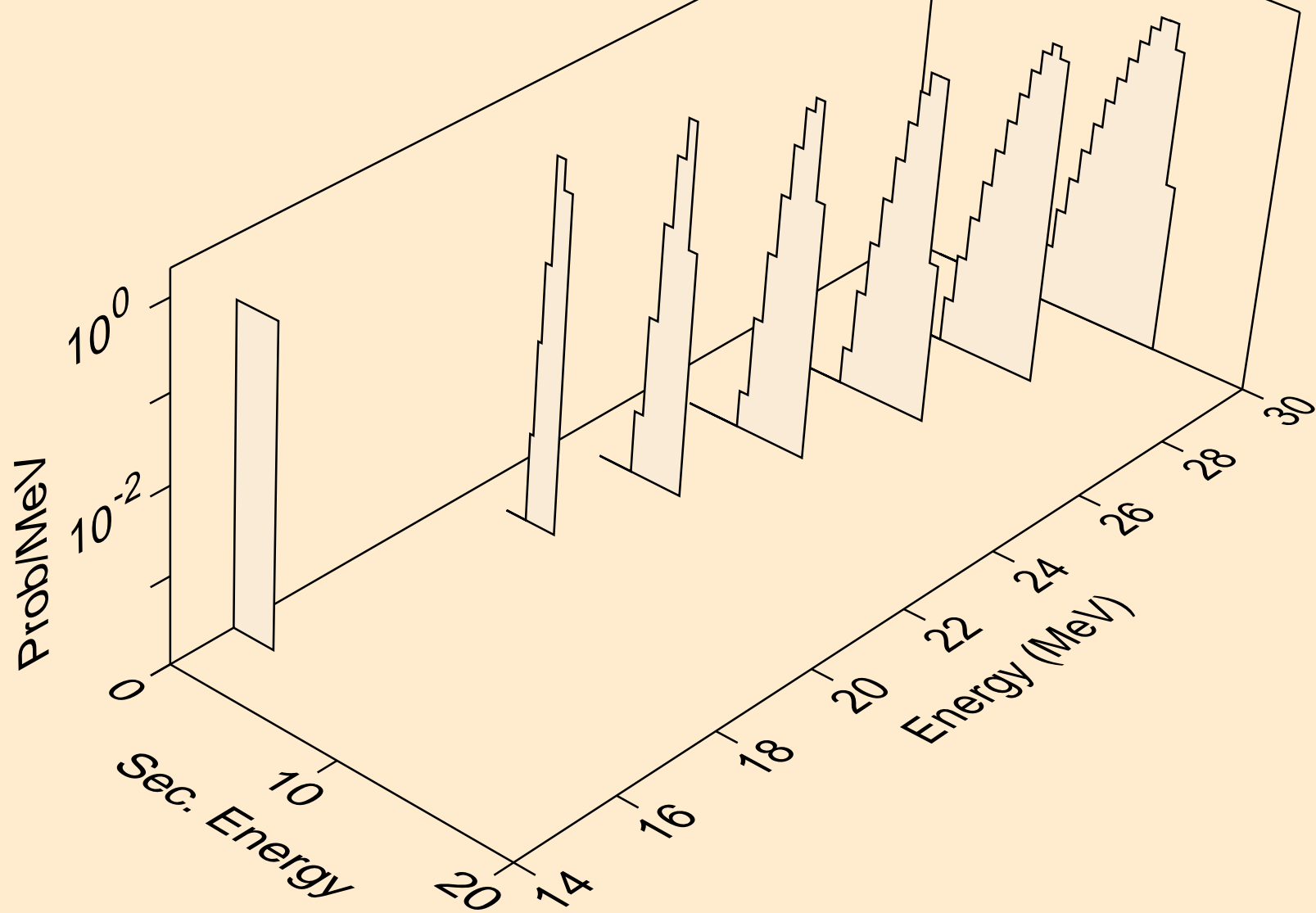


SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)

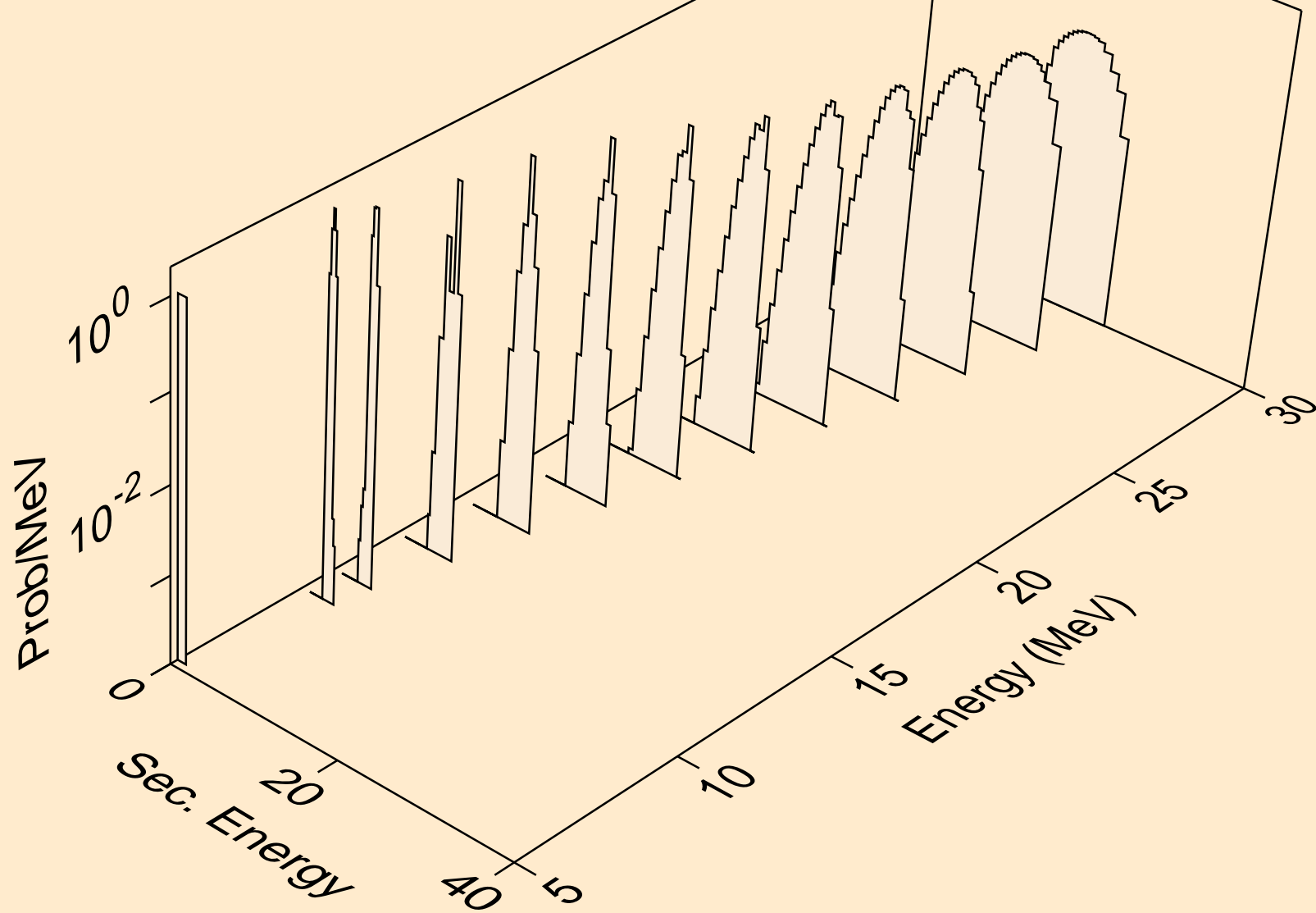




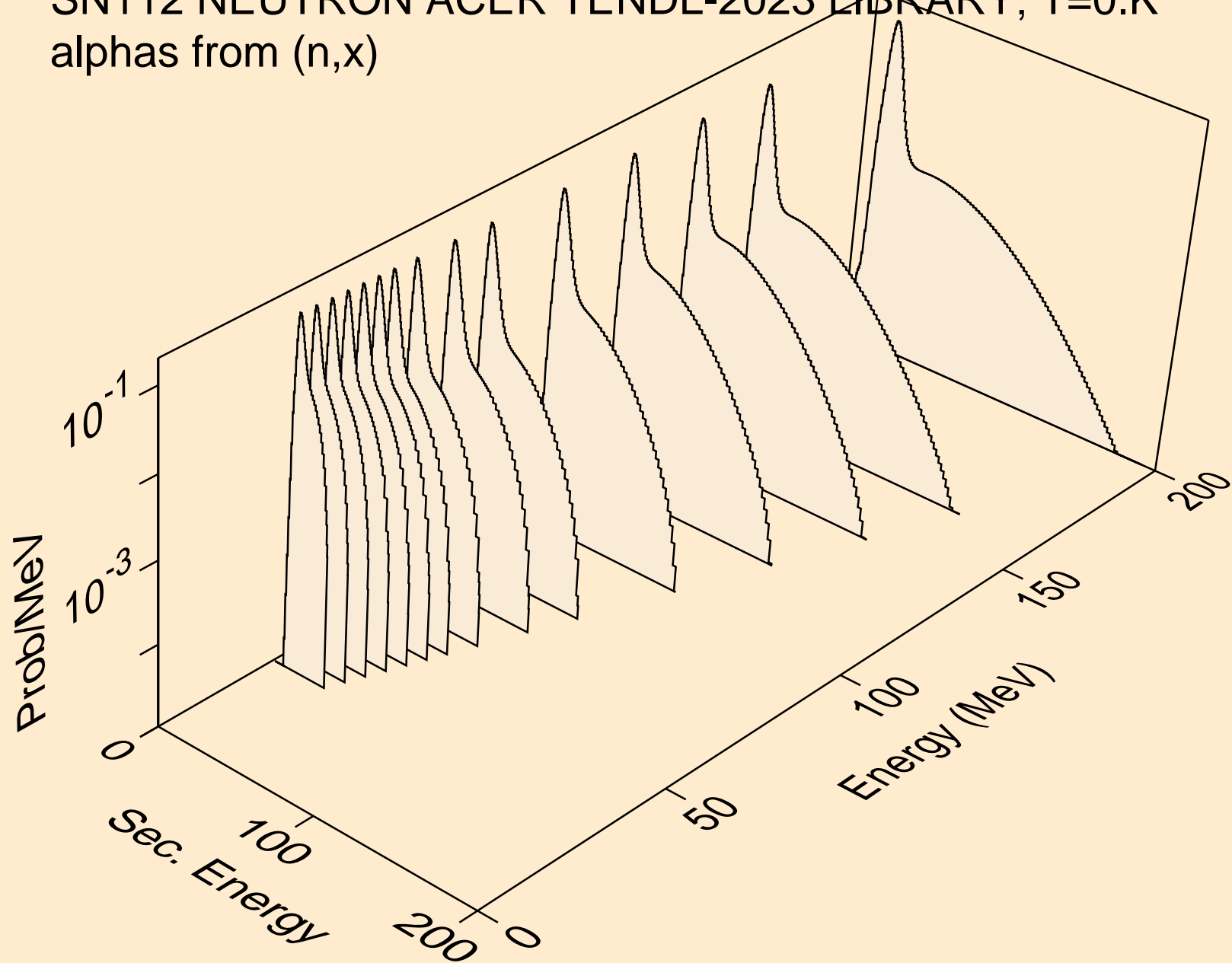
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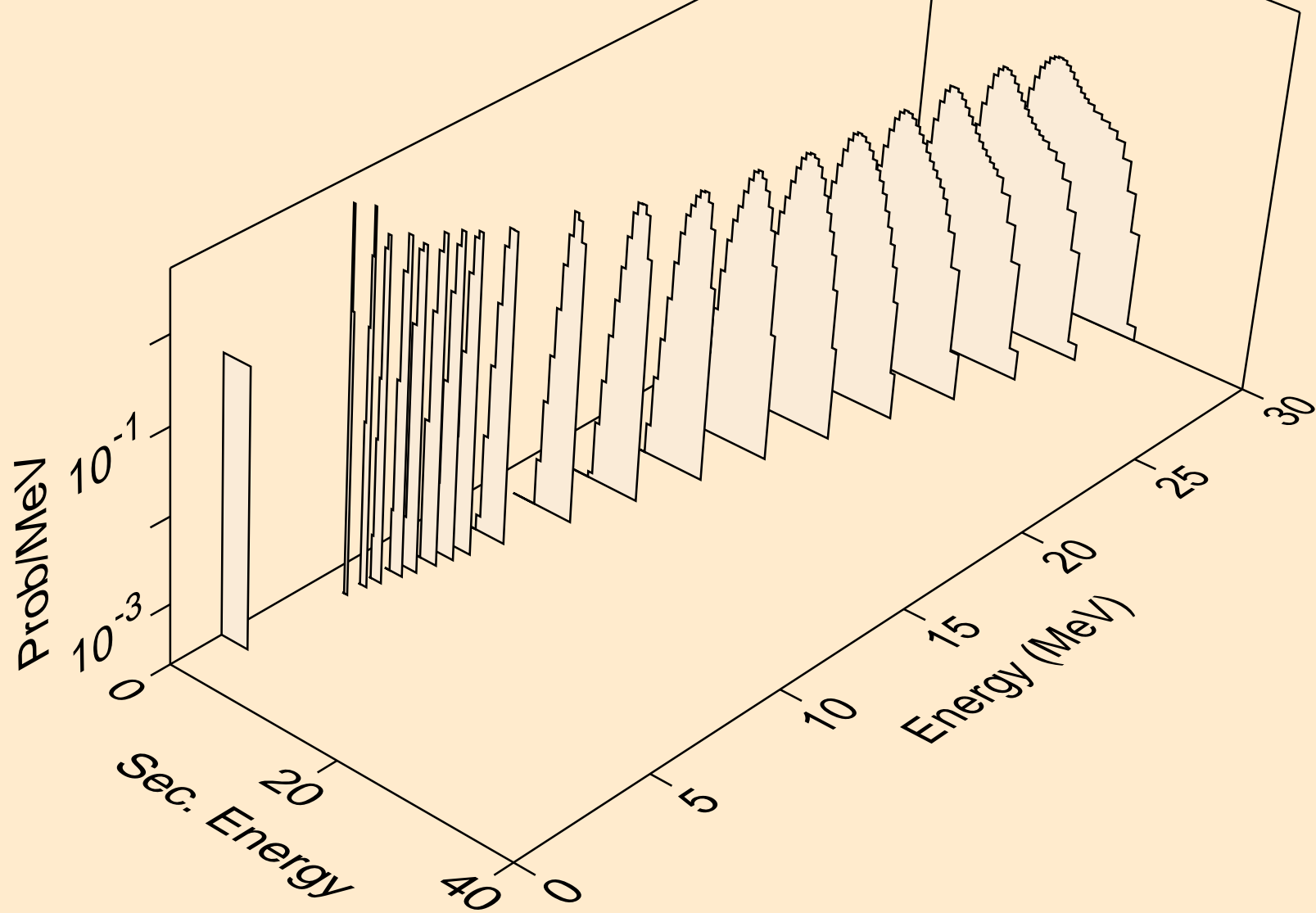
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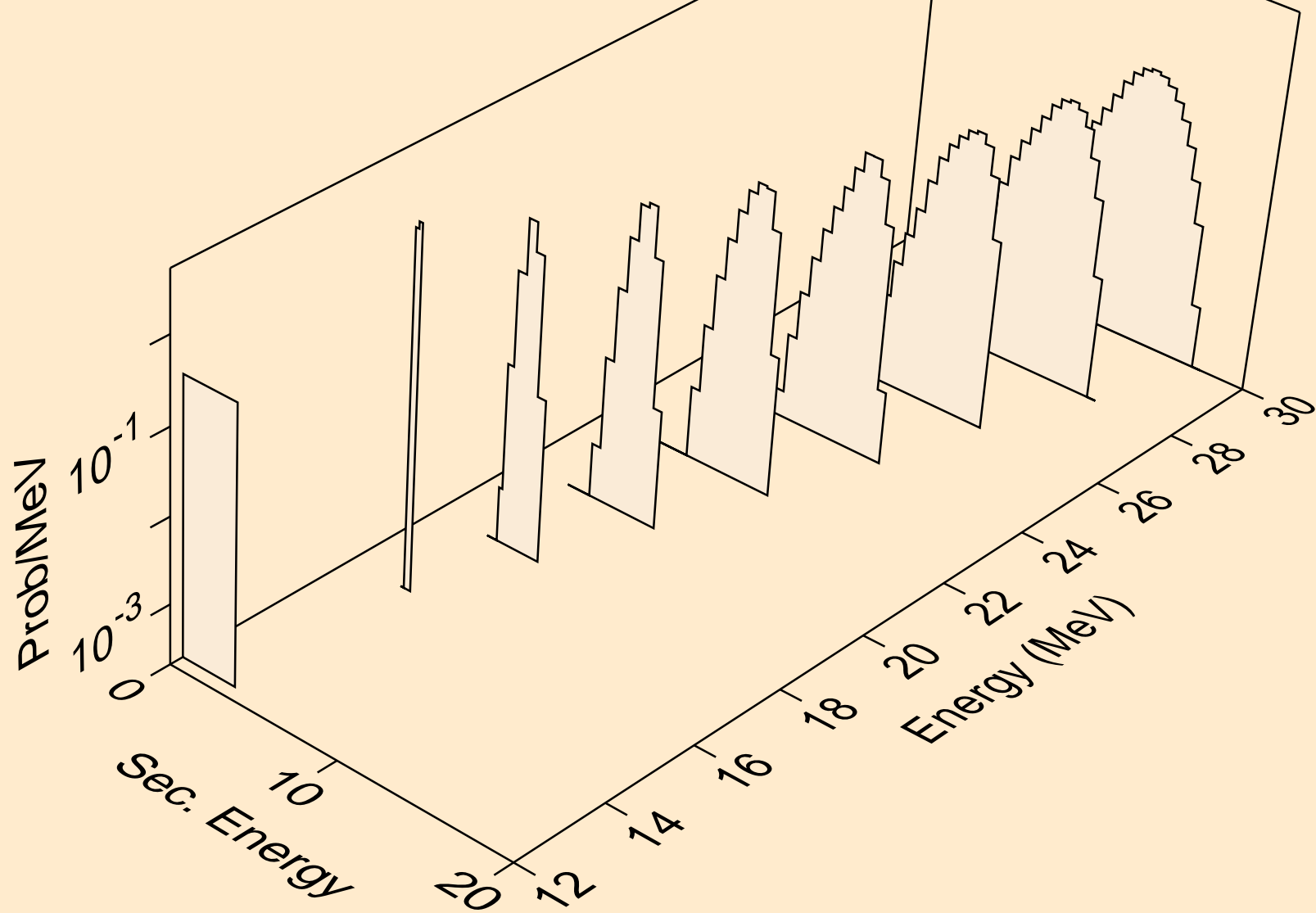
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



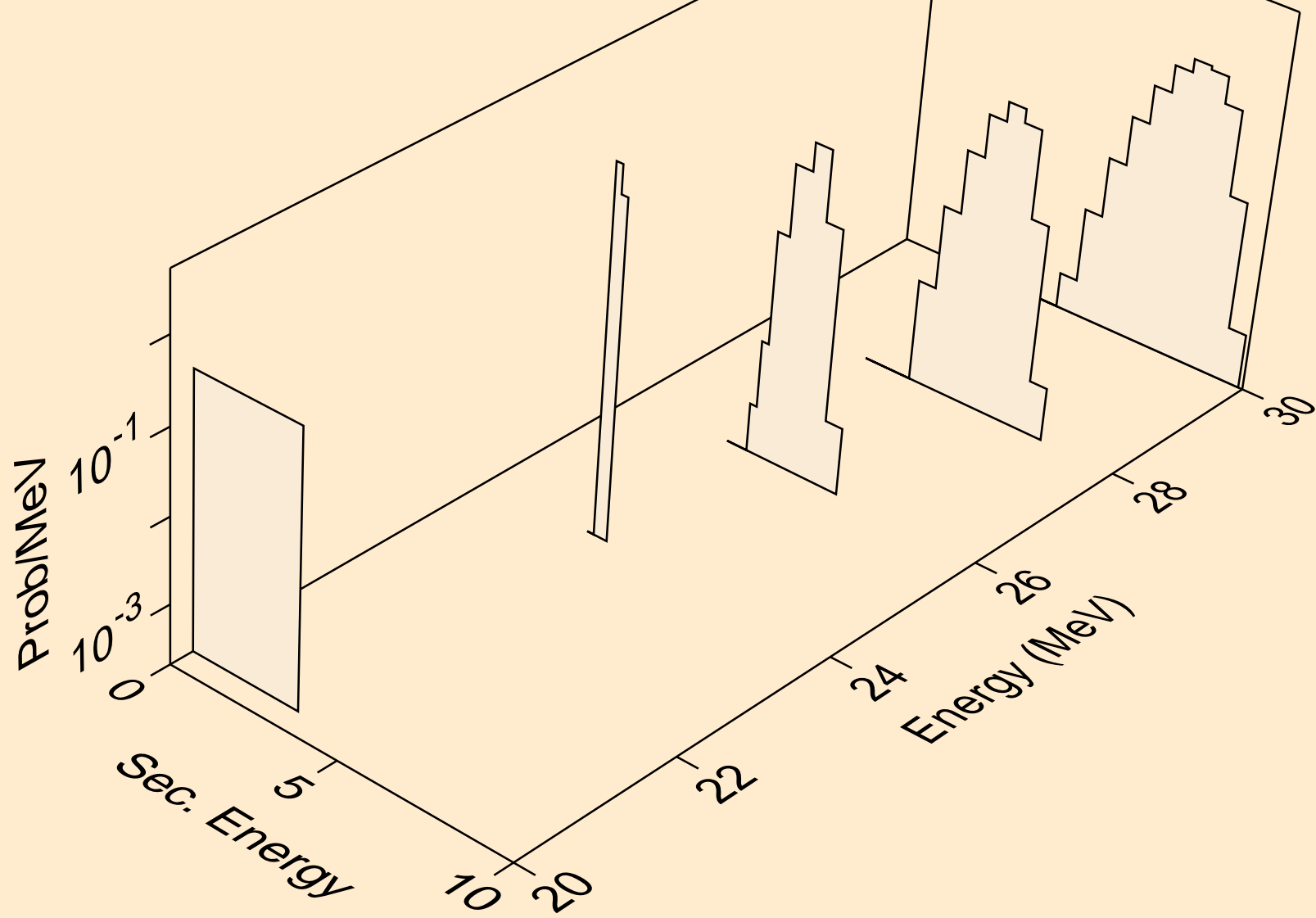
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



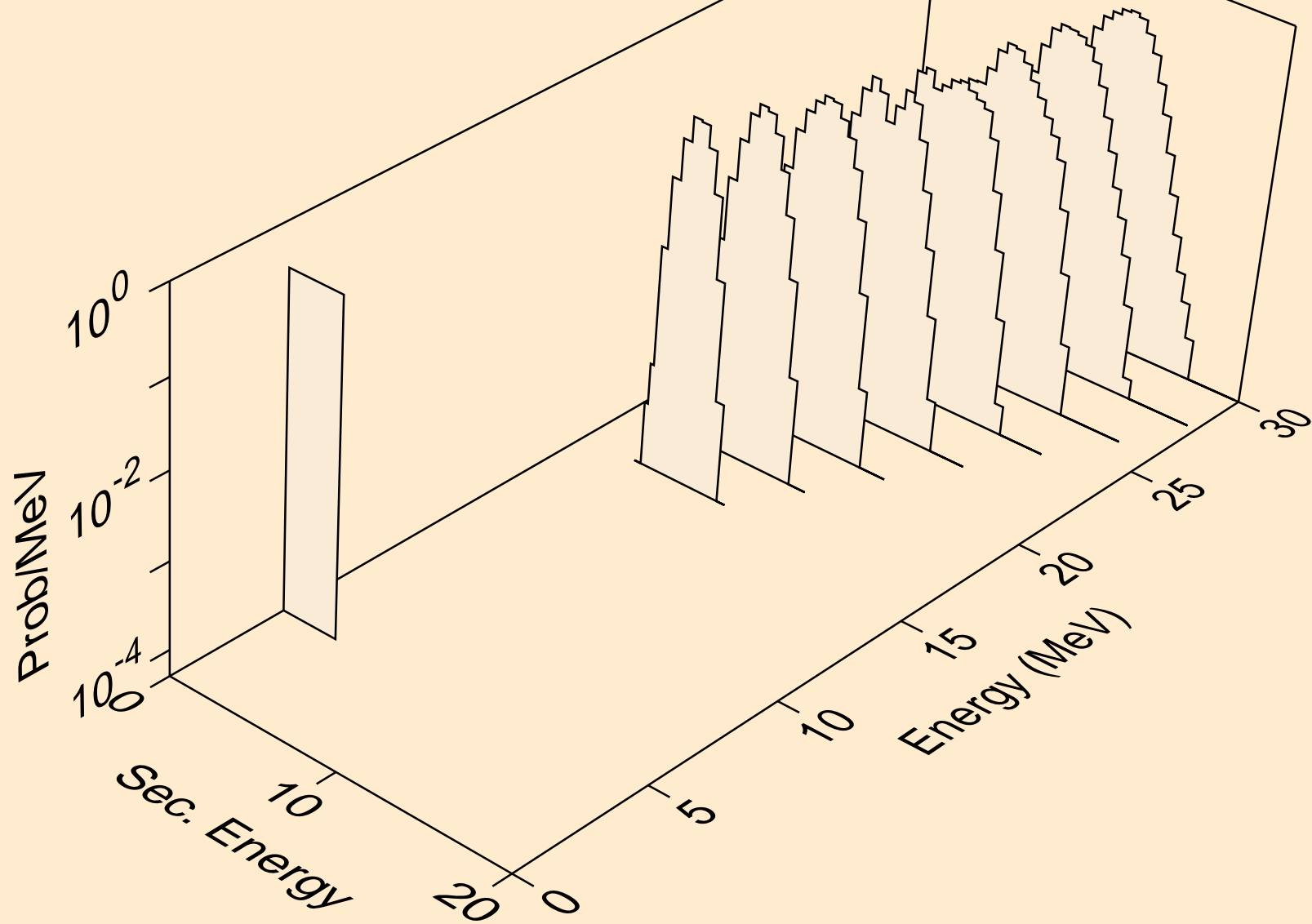
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alphas from (n,2n)a



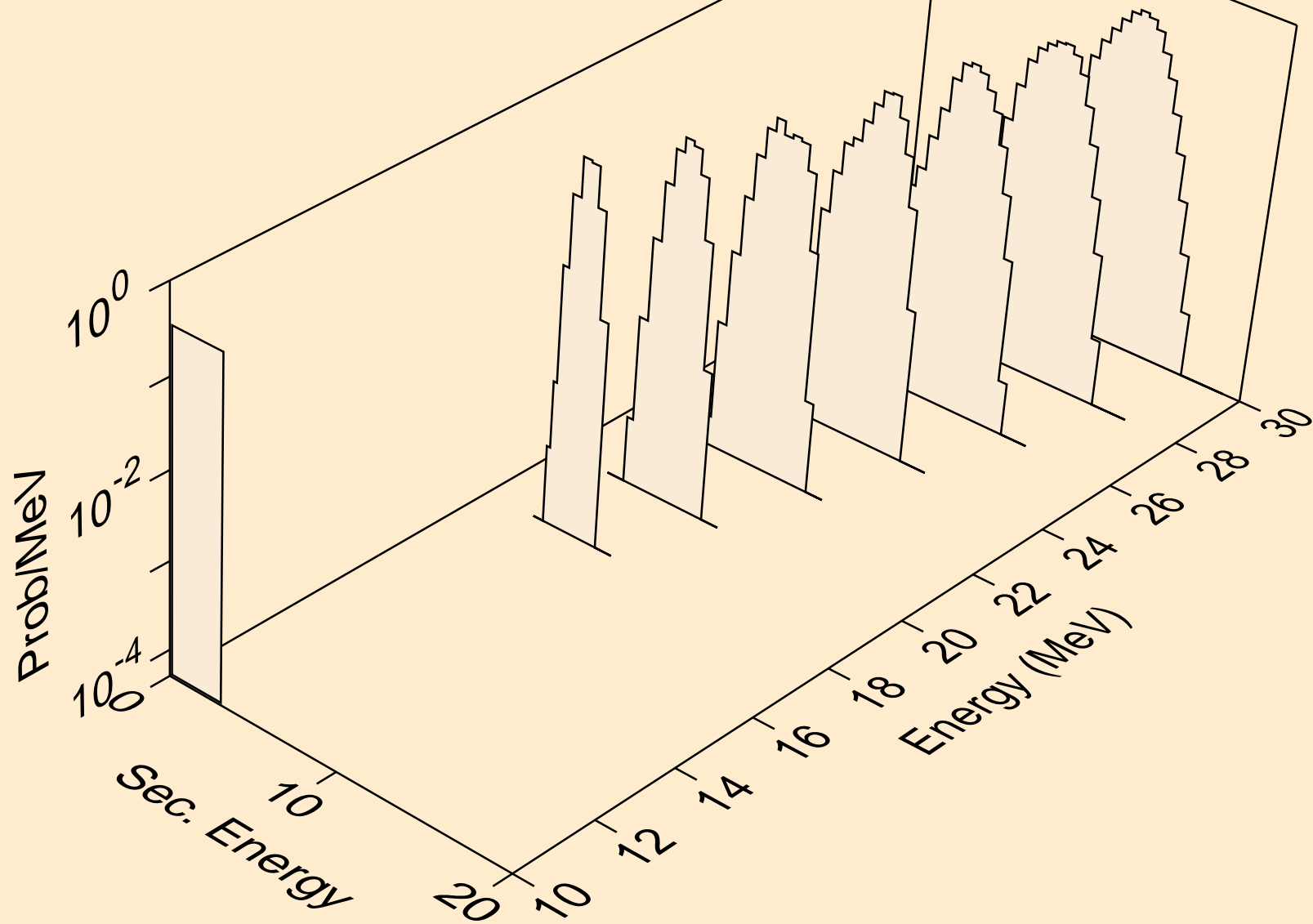
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a

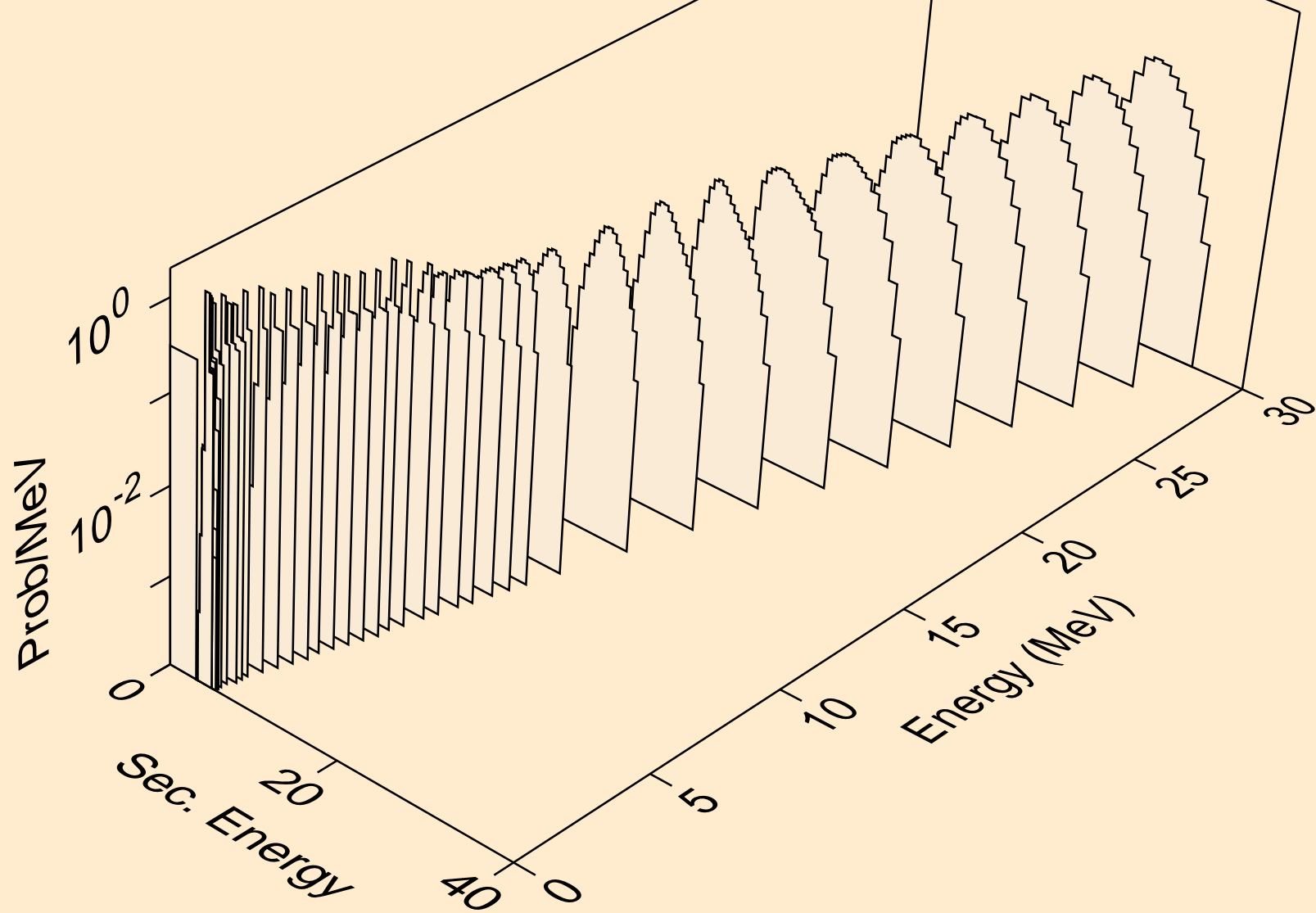


SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)

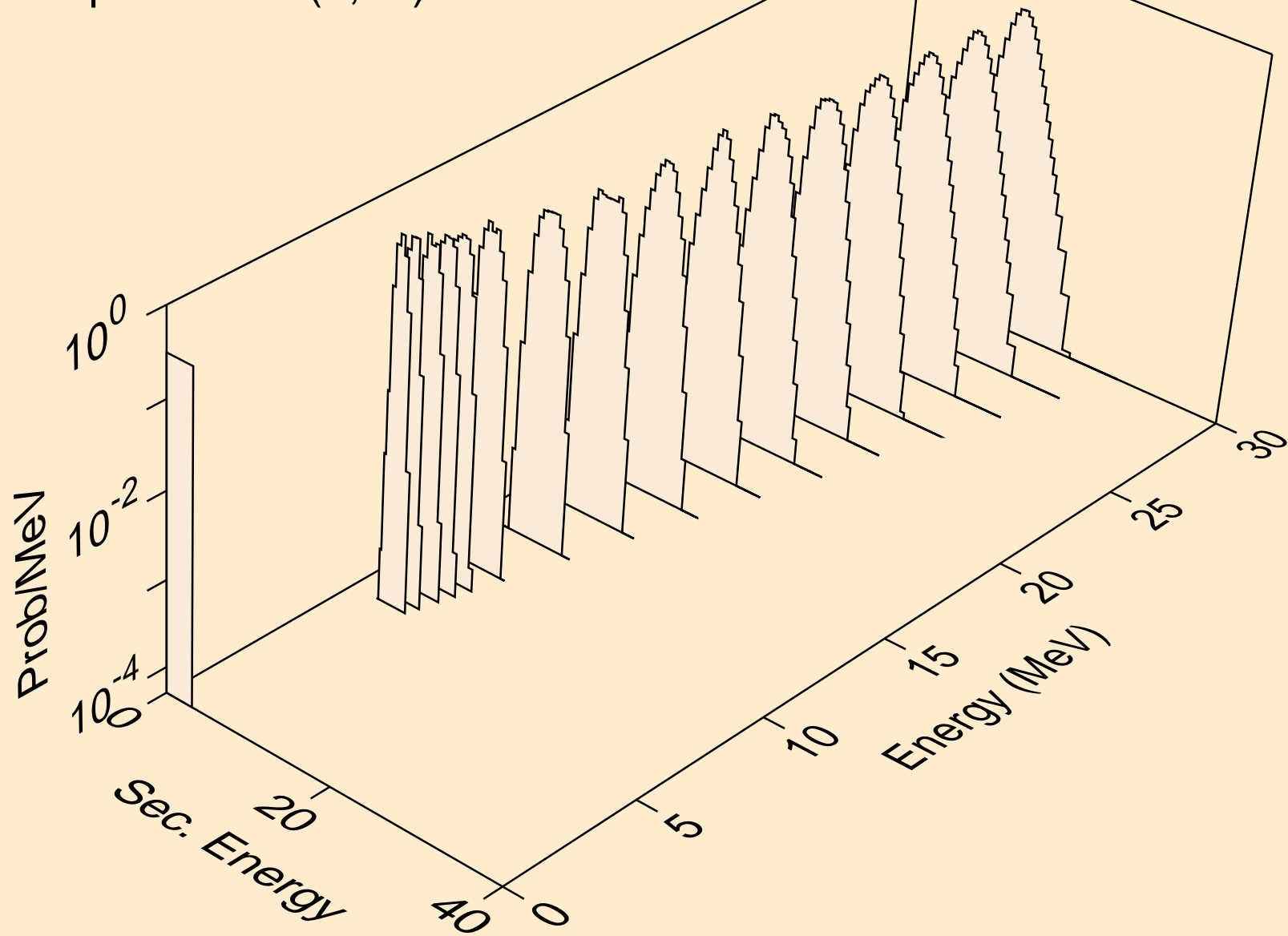




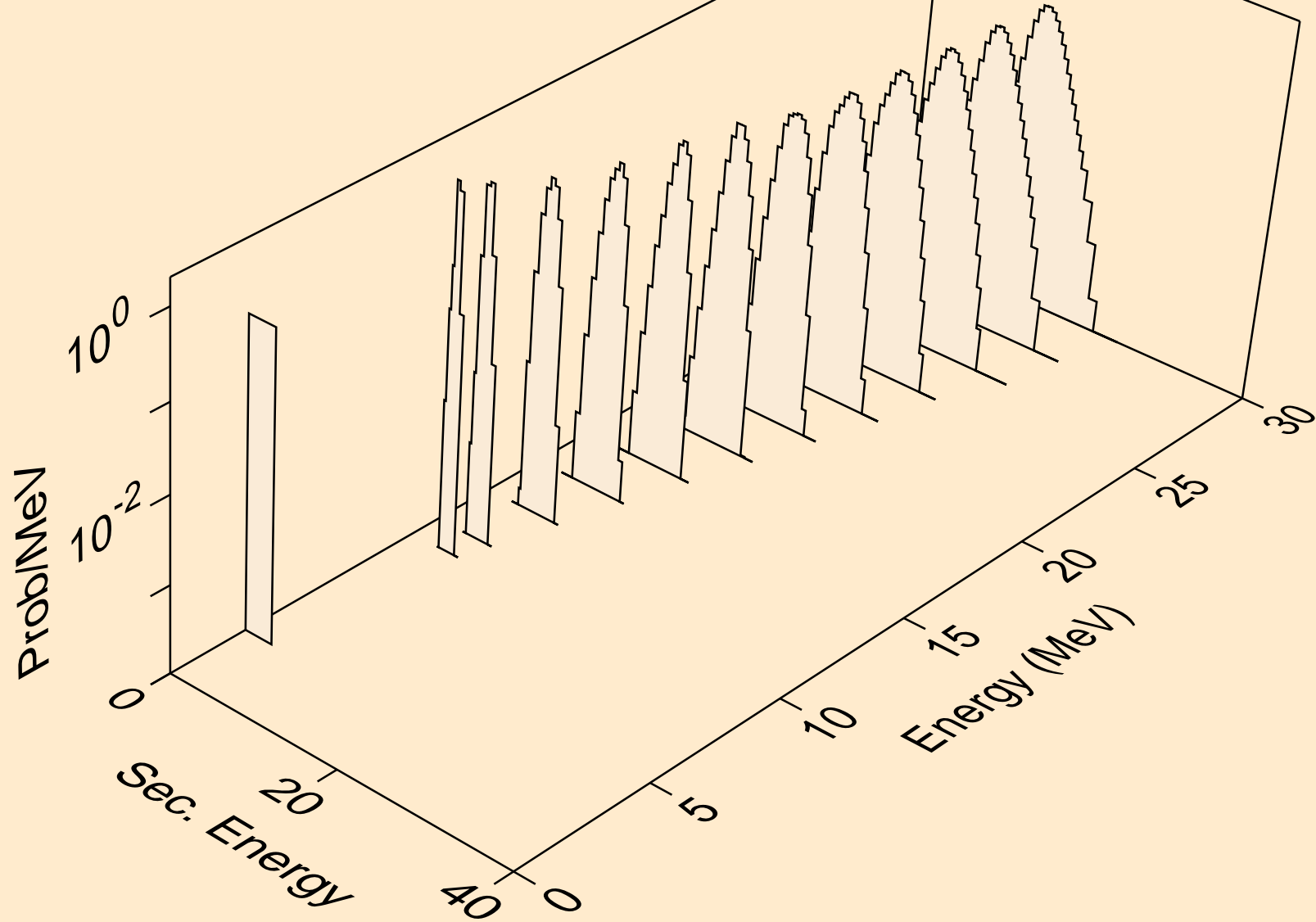
SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,p)



SN112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

