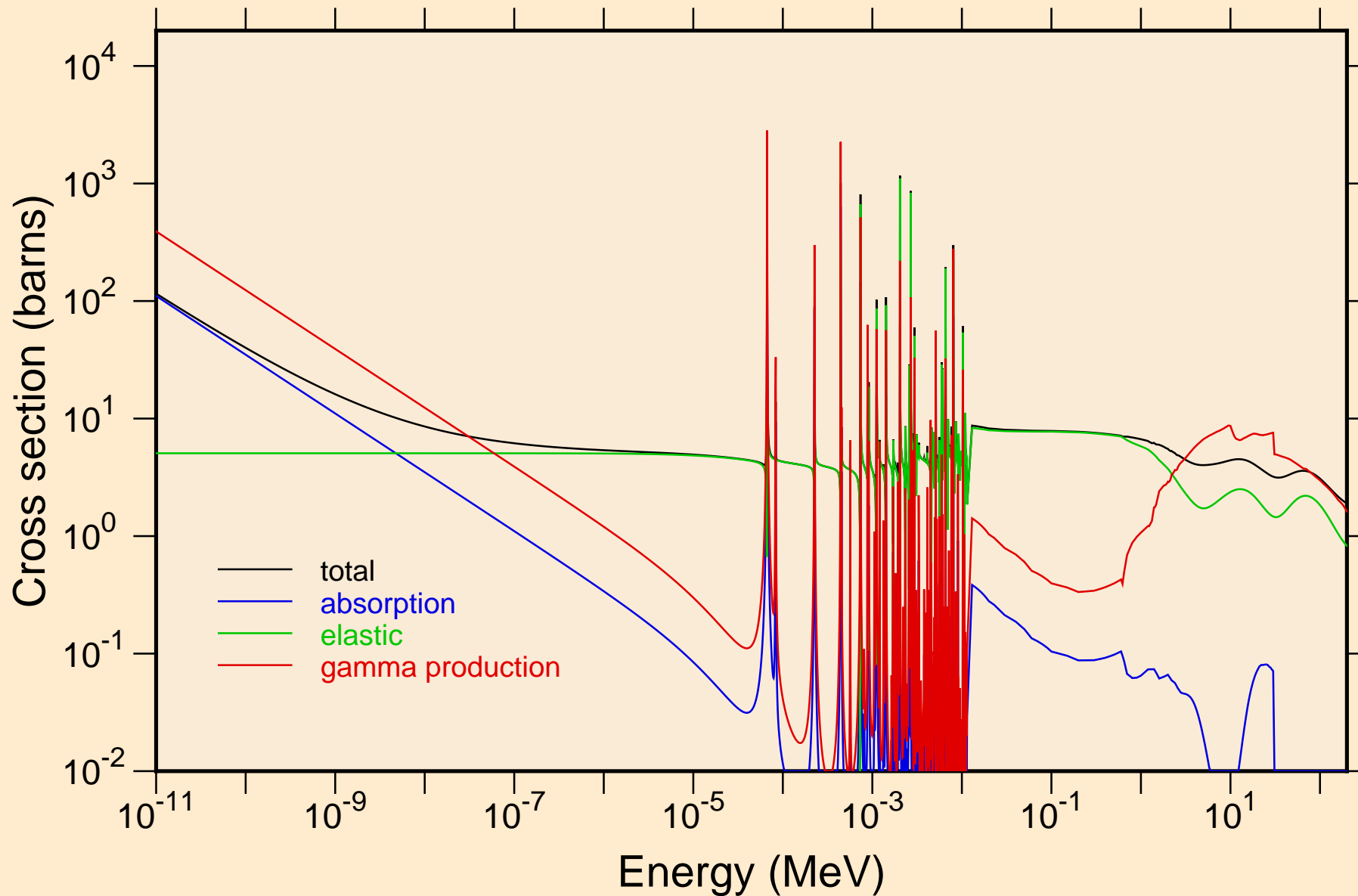
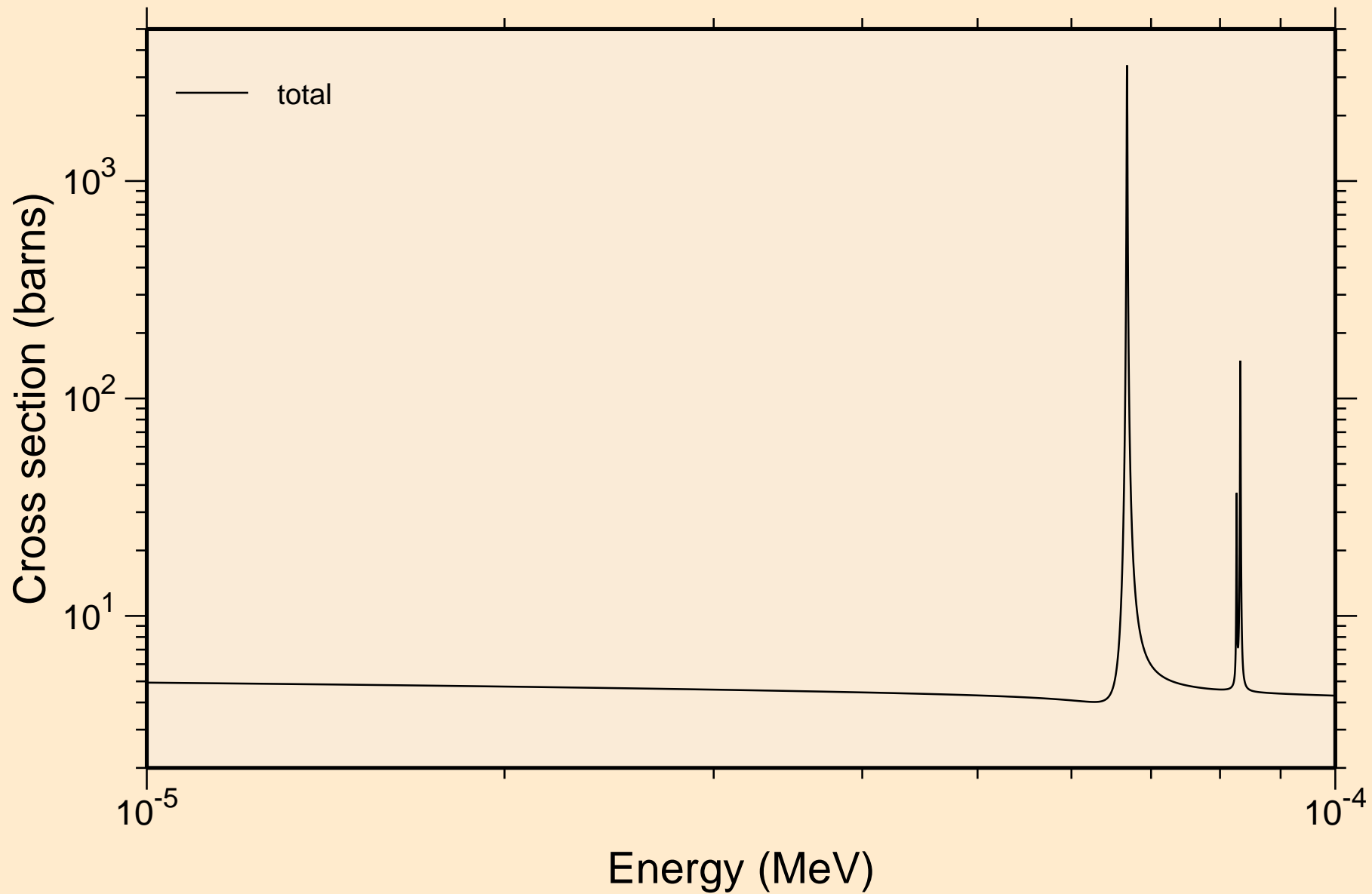


# CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

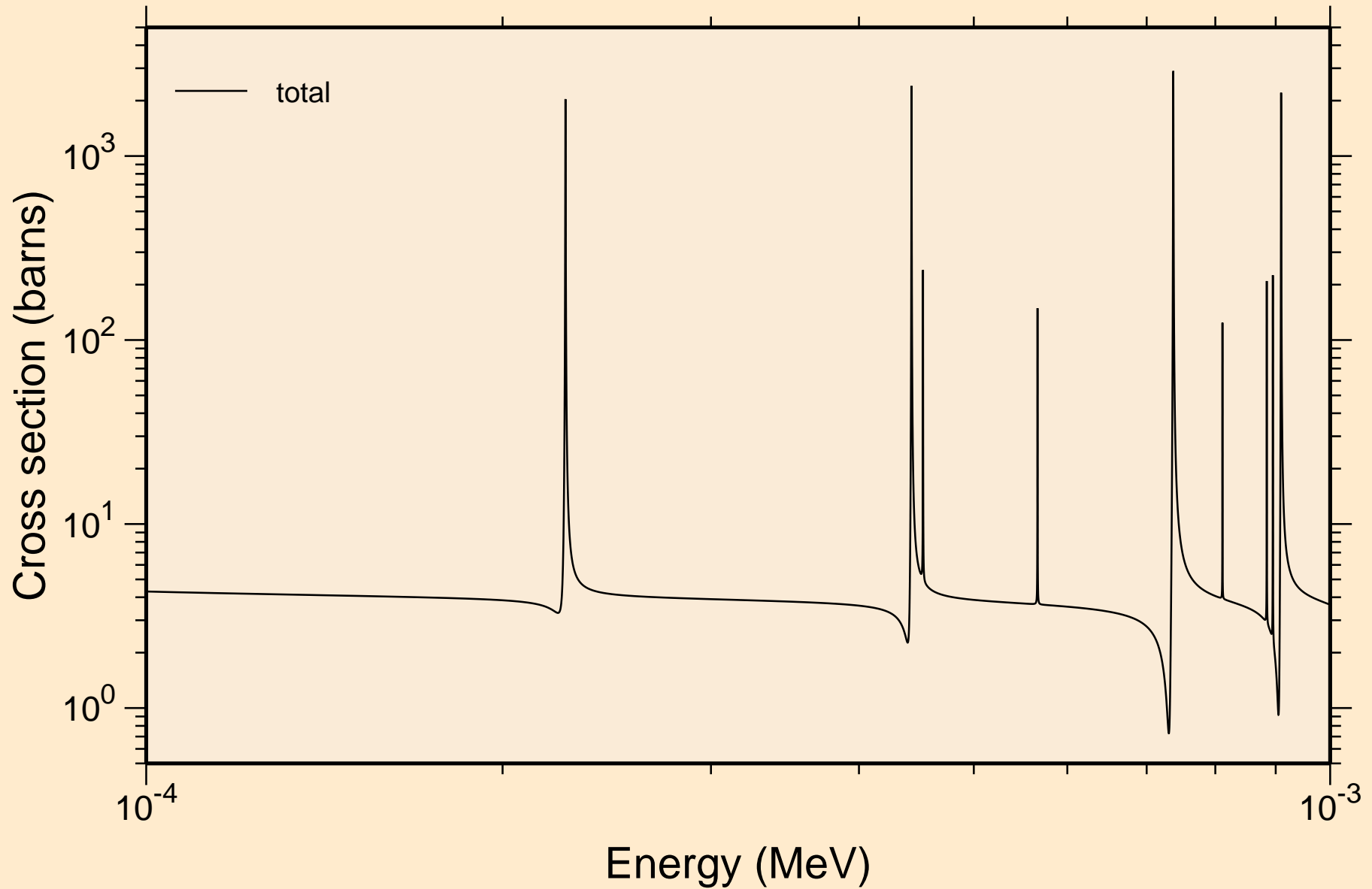
## Principal cross sections



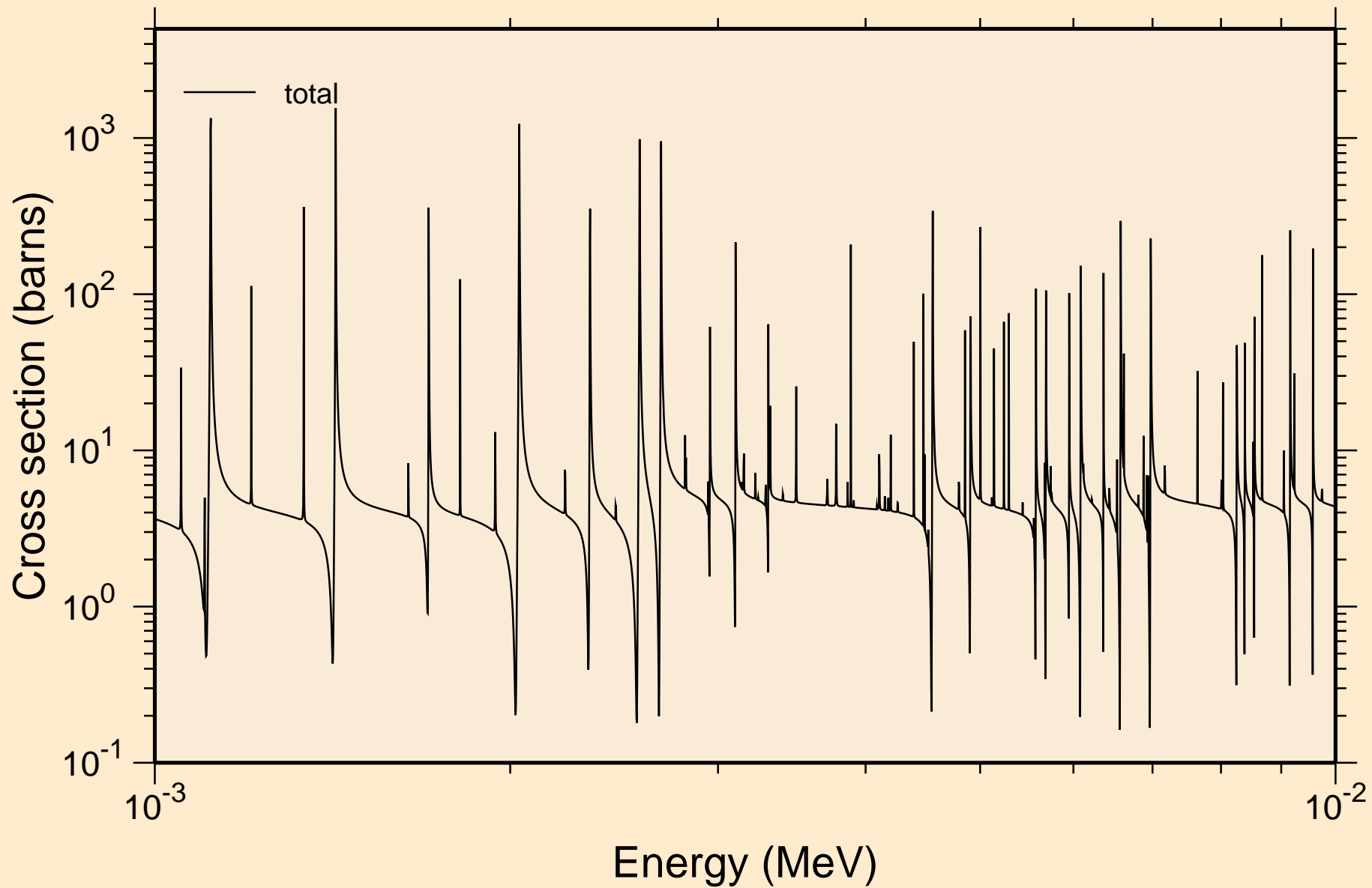
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



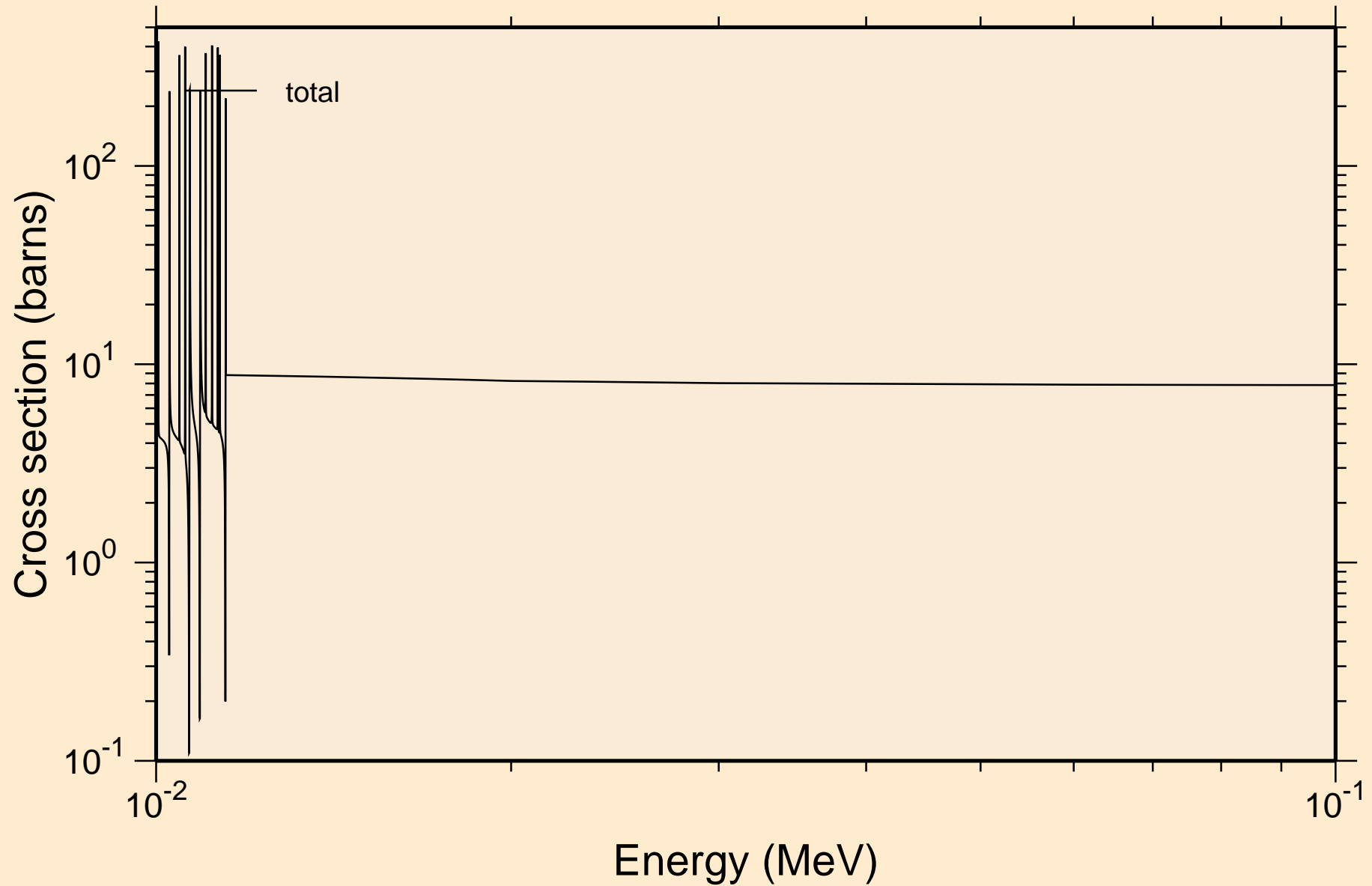
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



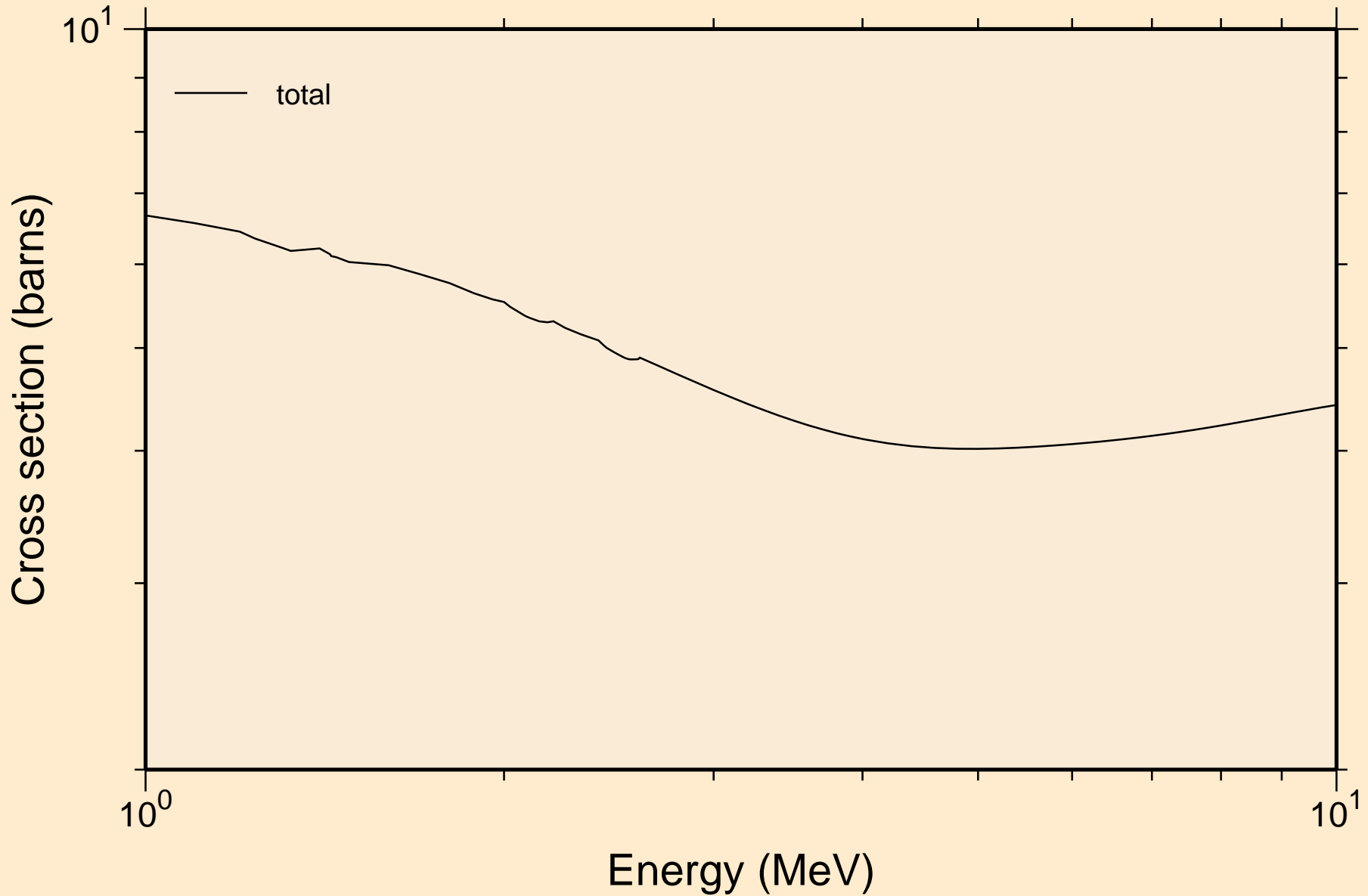
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



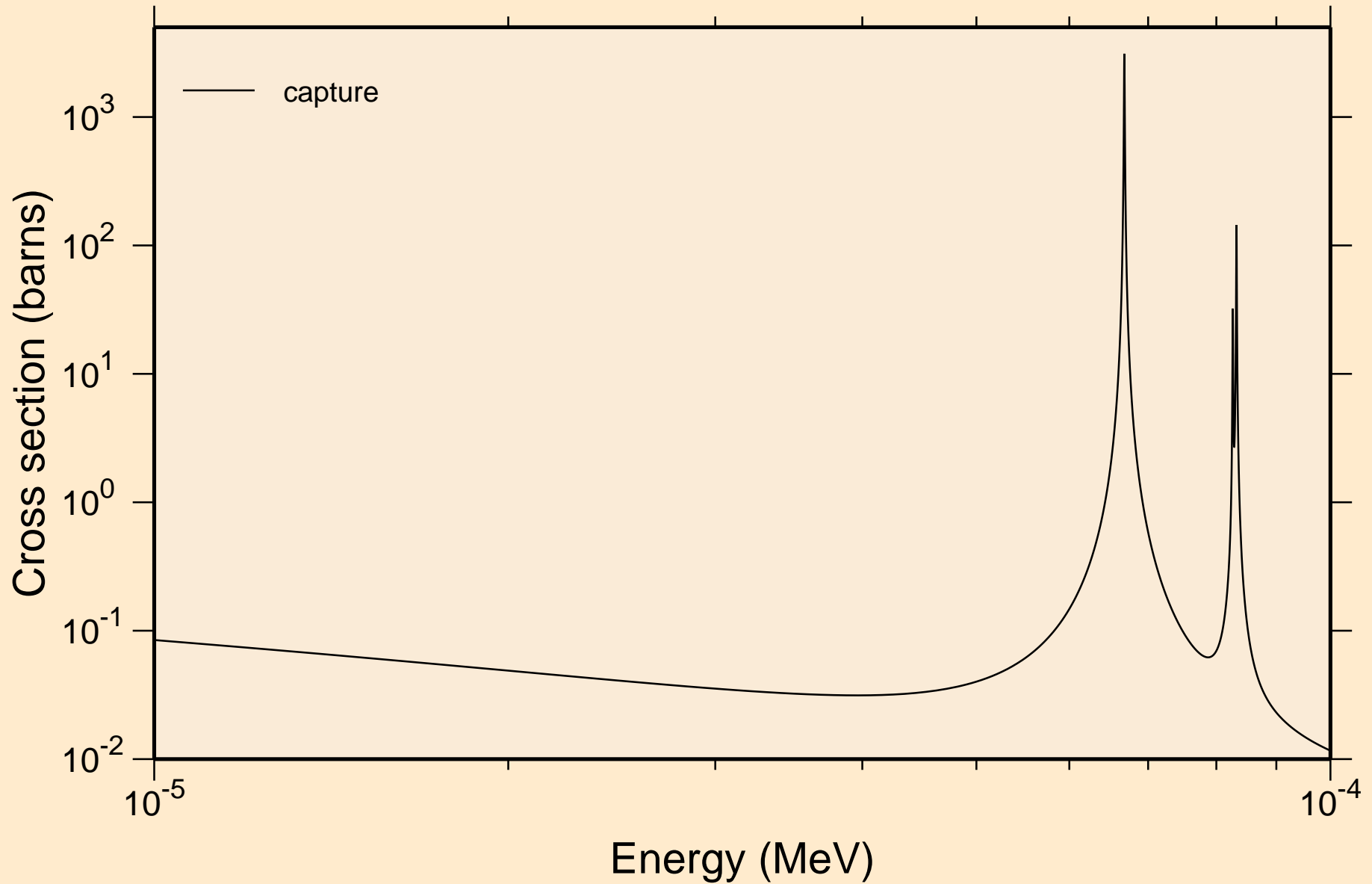
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



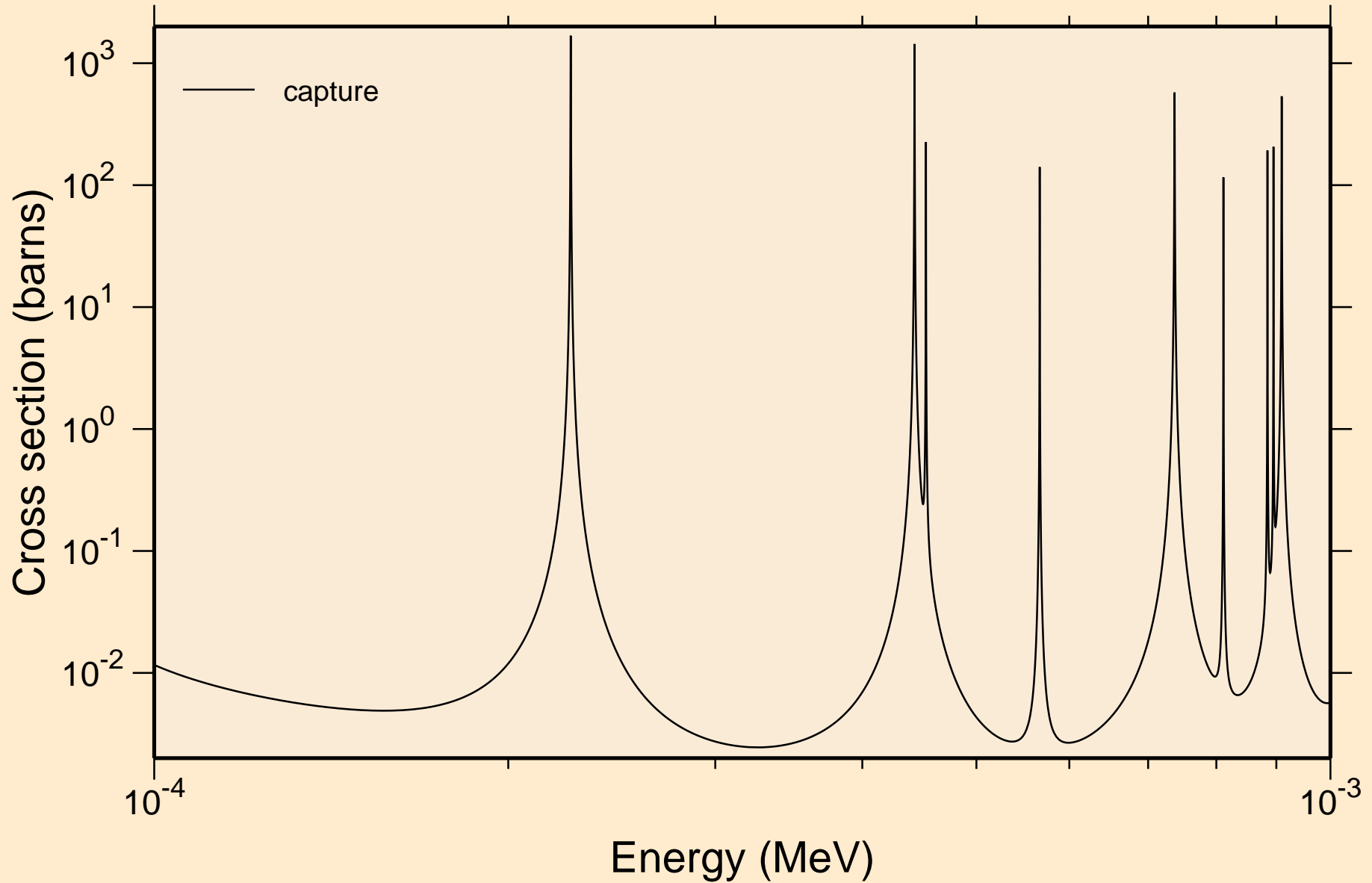
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



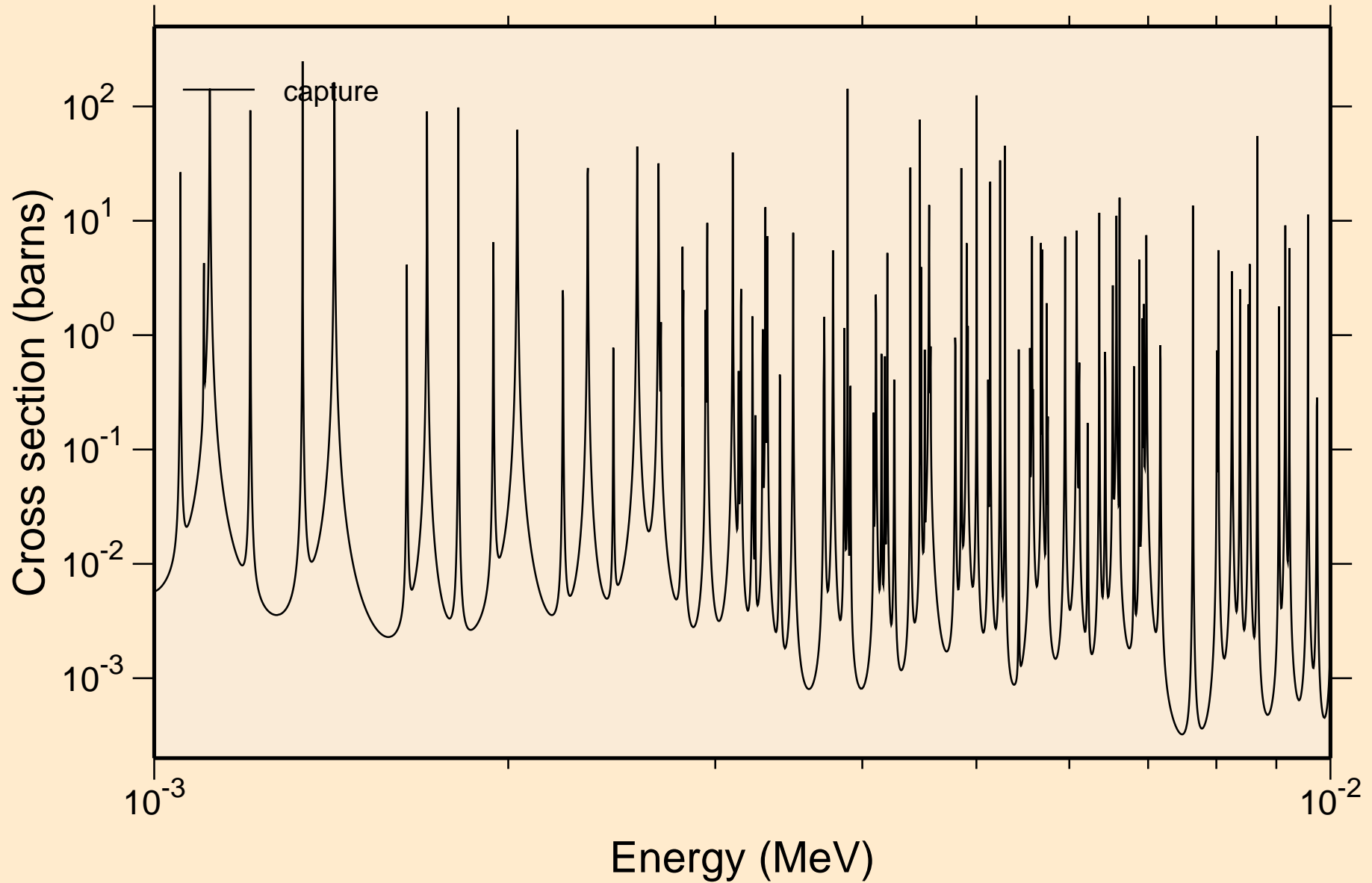
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



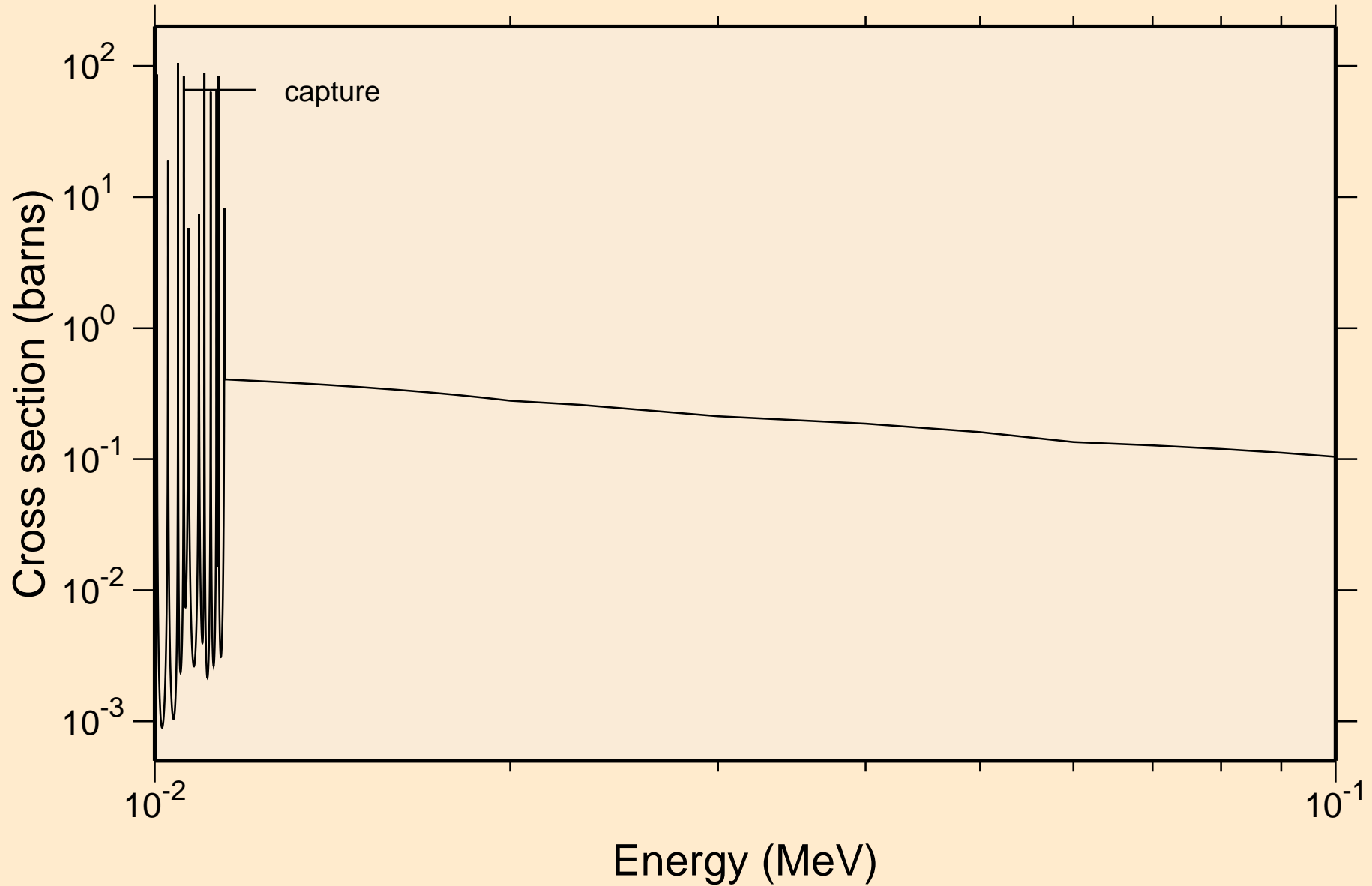
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



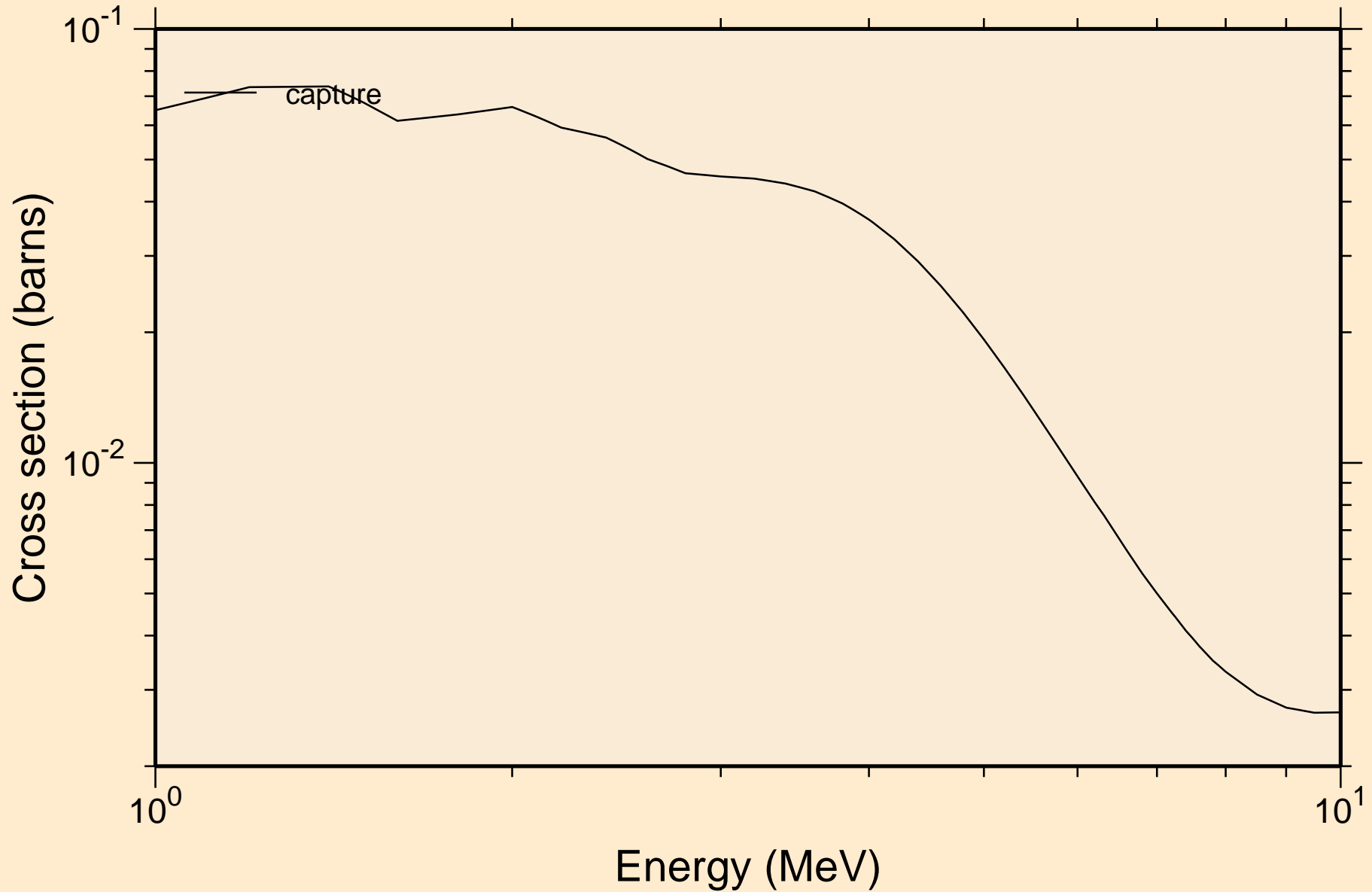
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

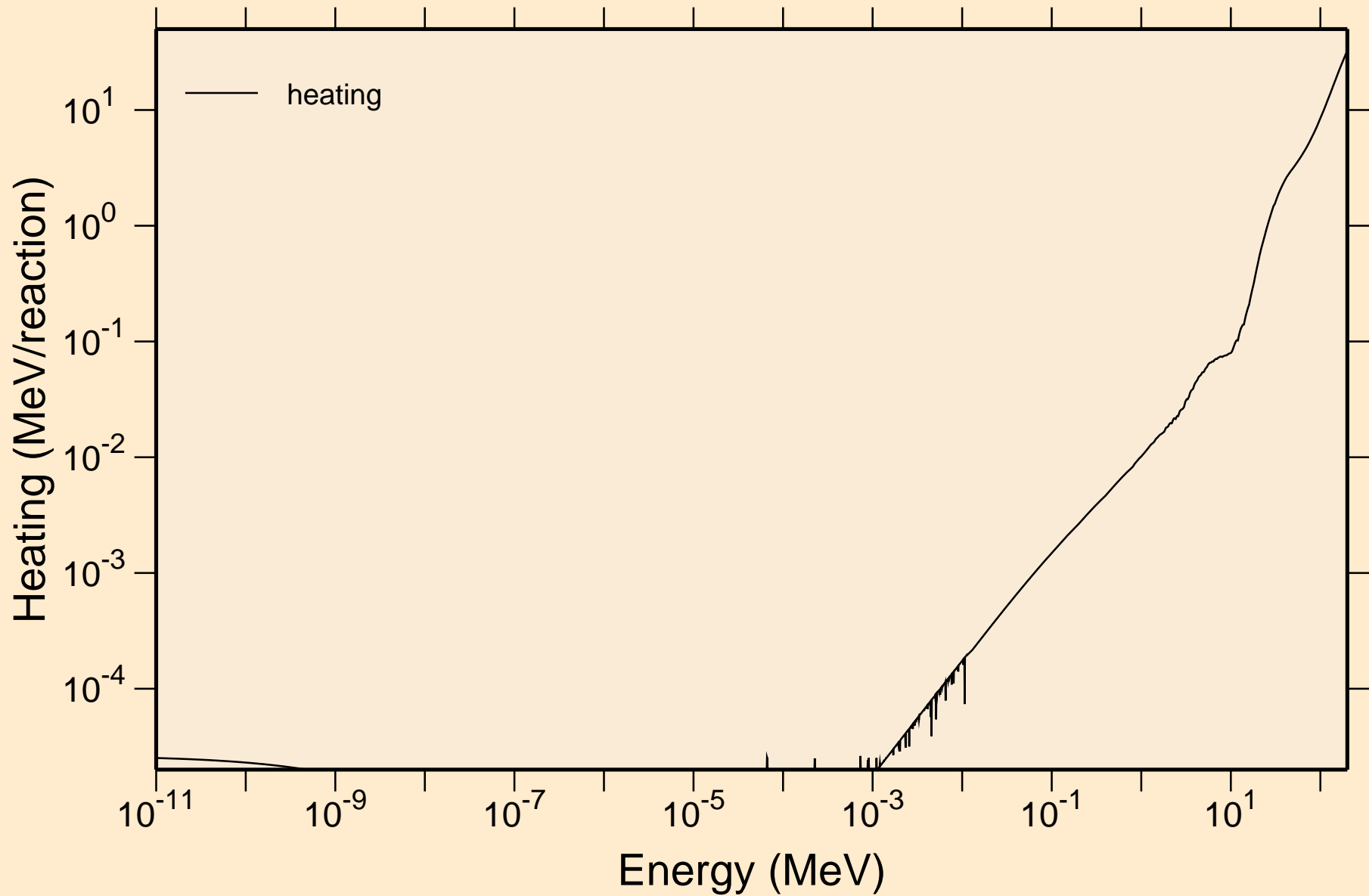


CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



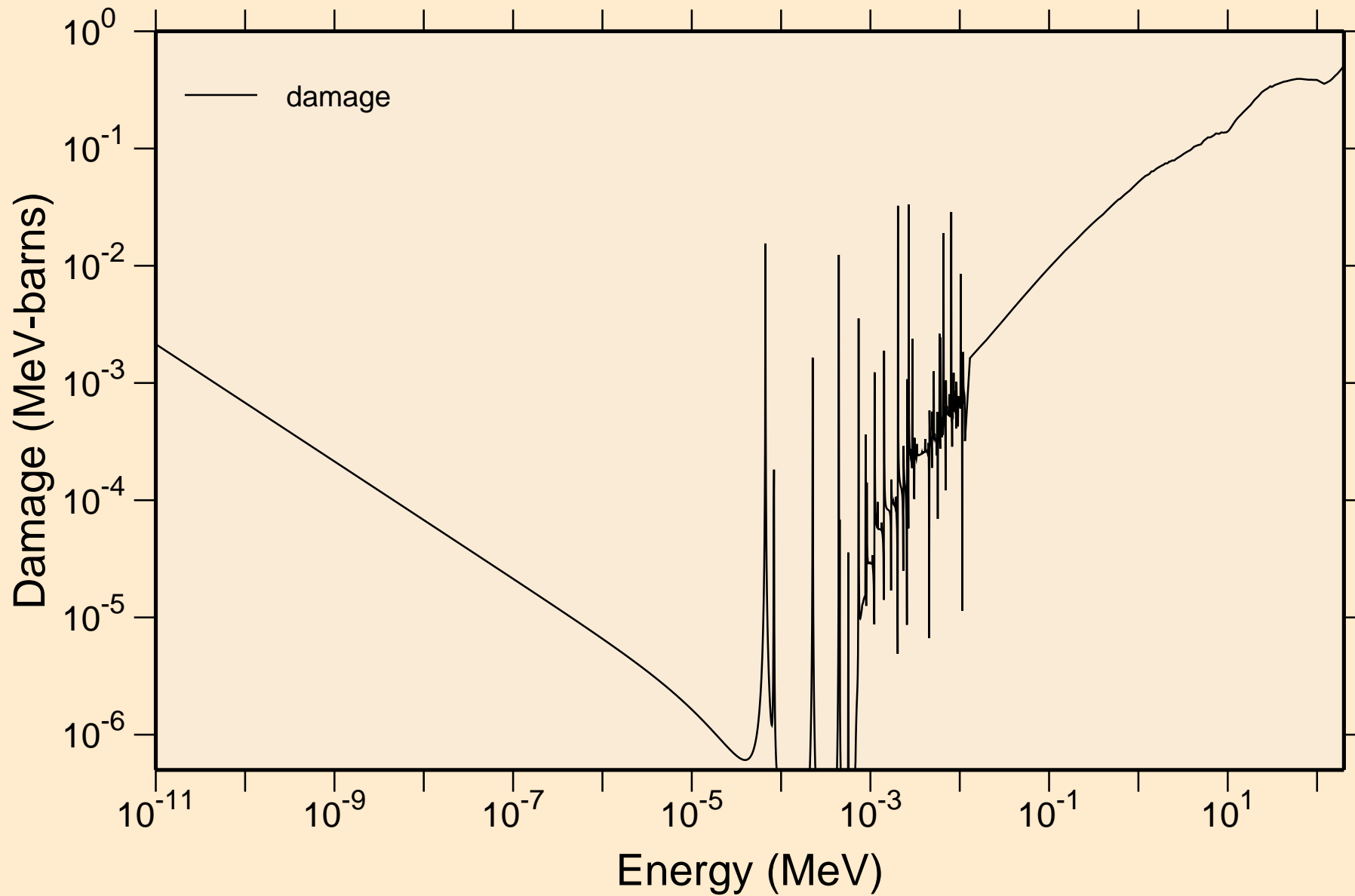
# CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

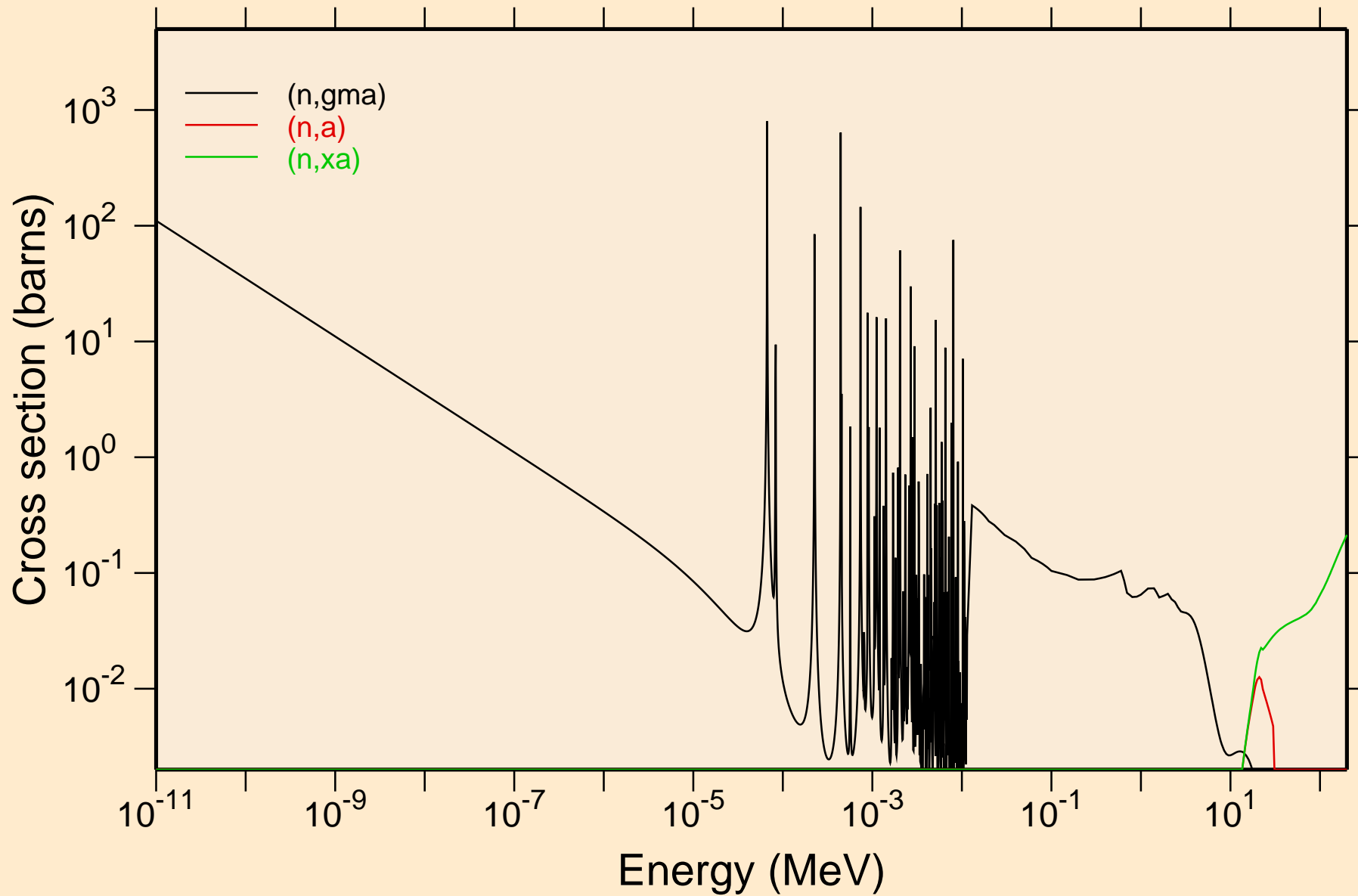


# CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

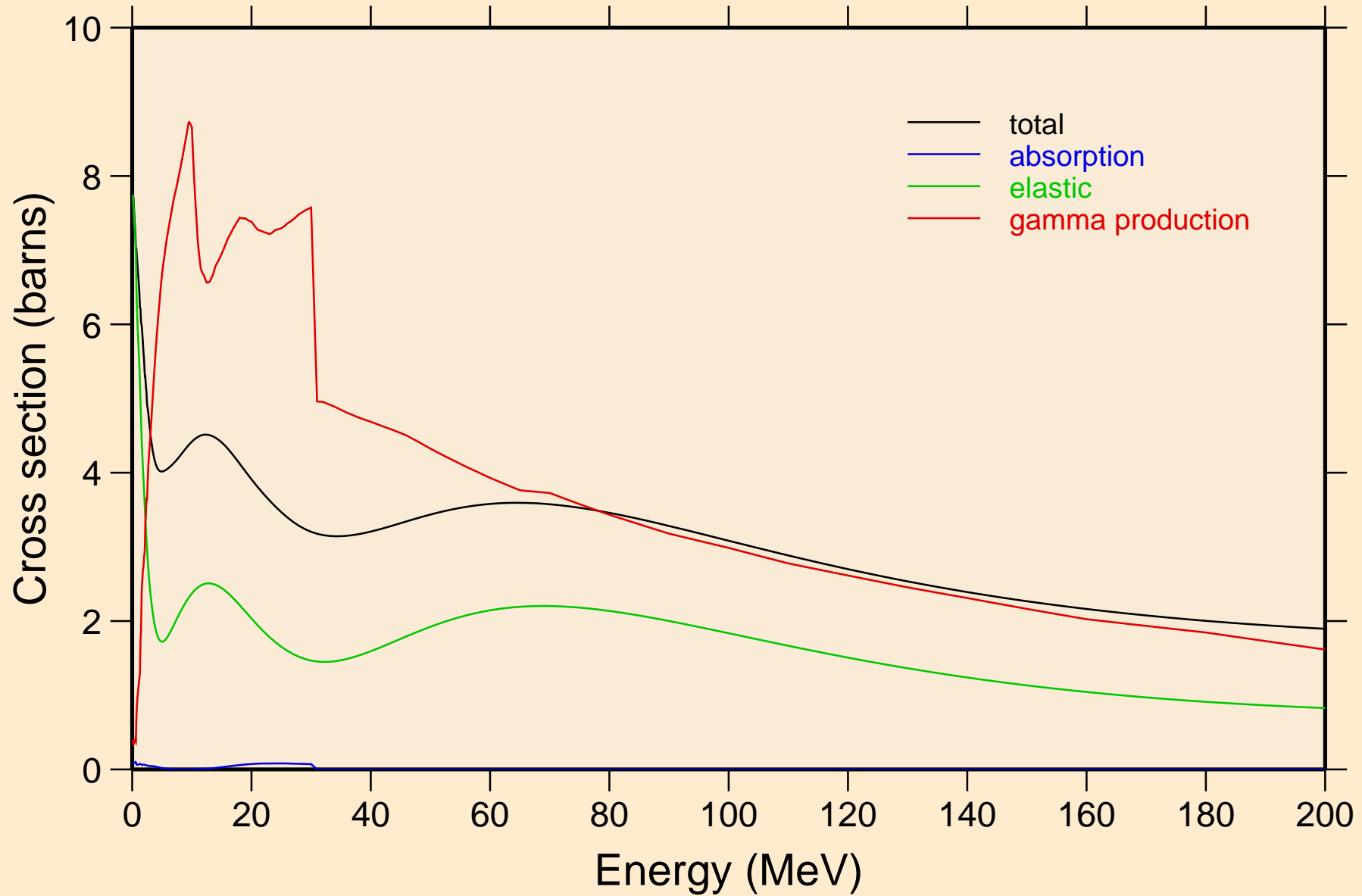


CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



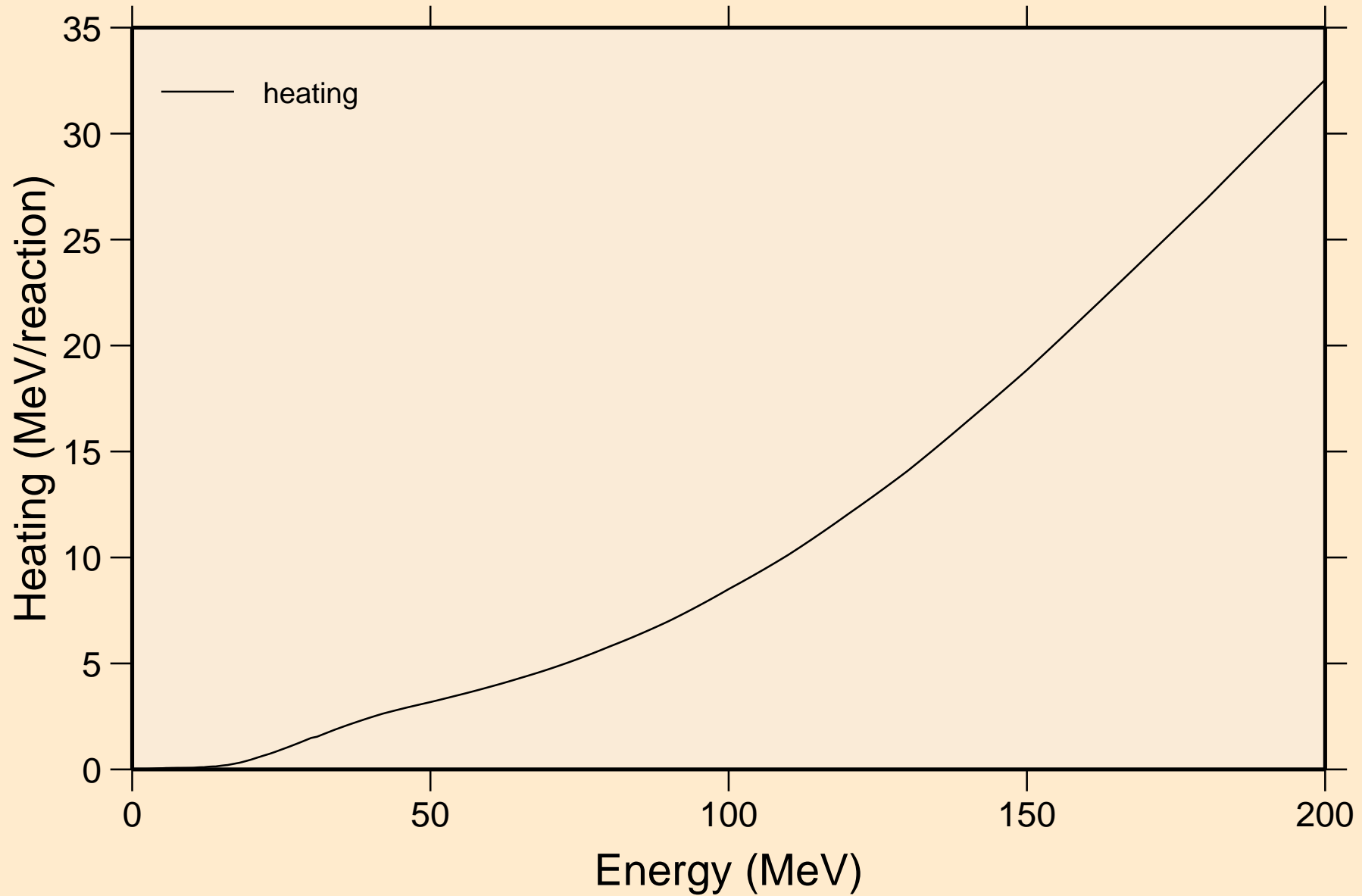
# CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



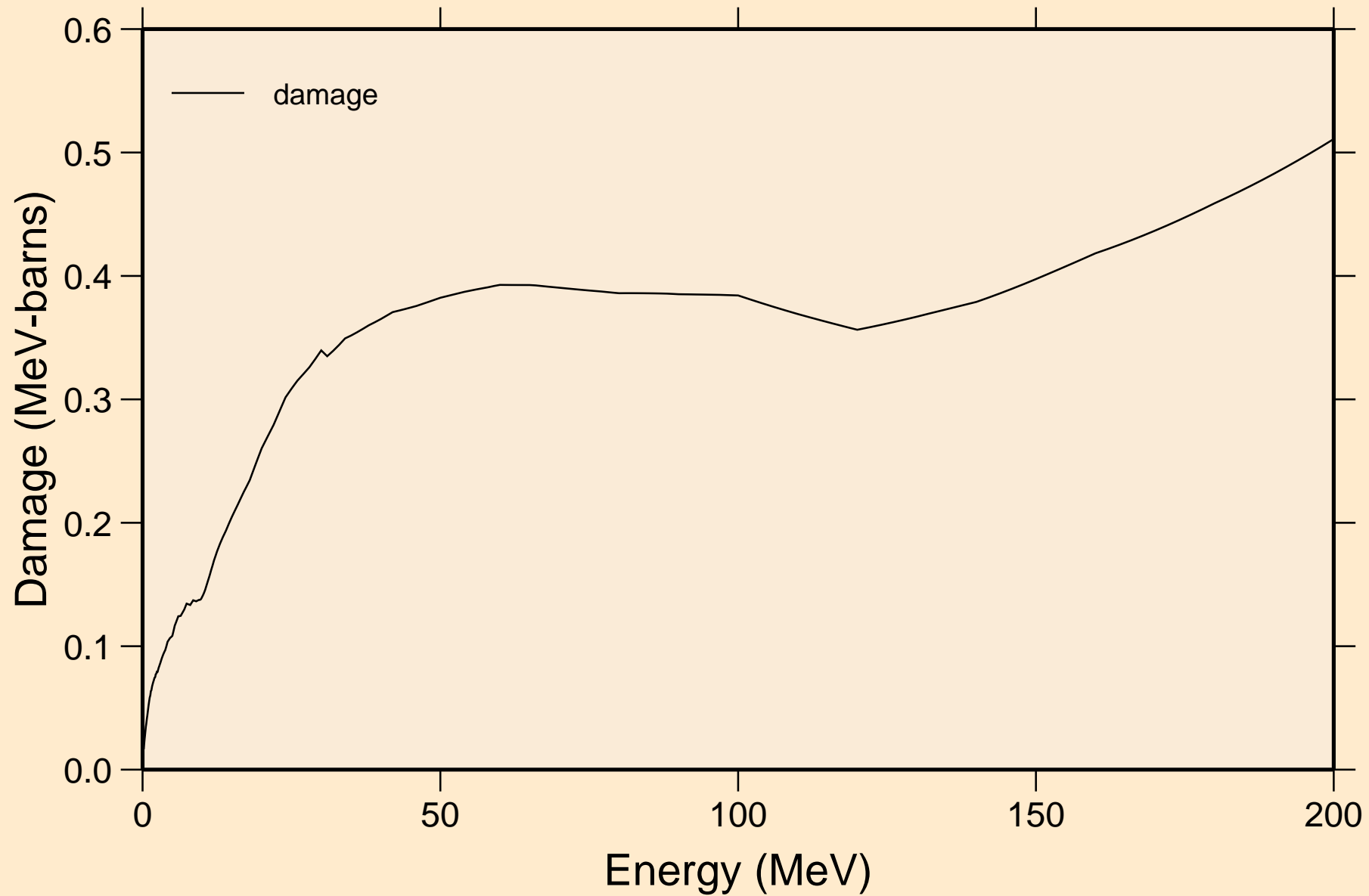
# CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



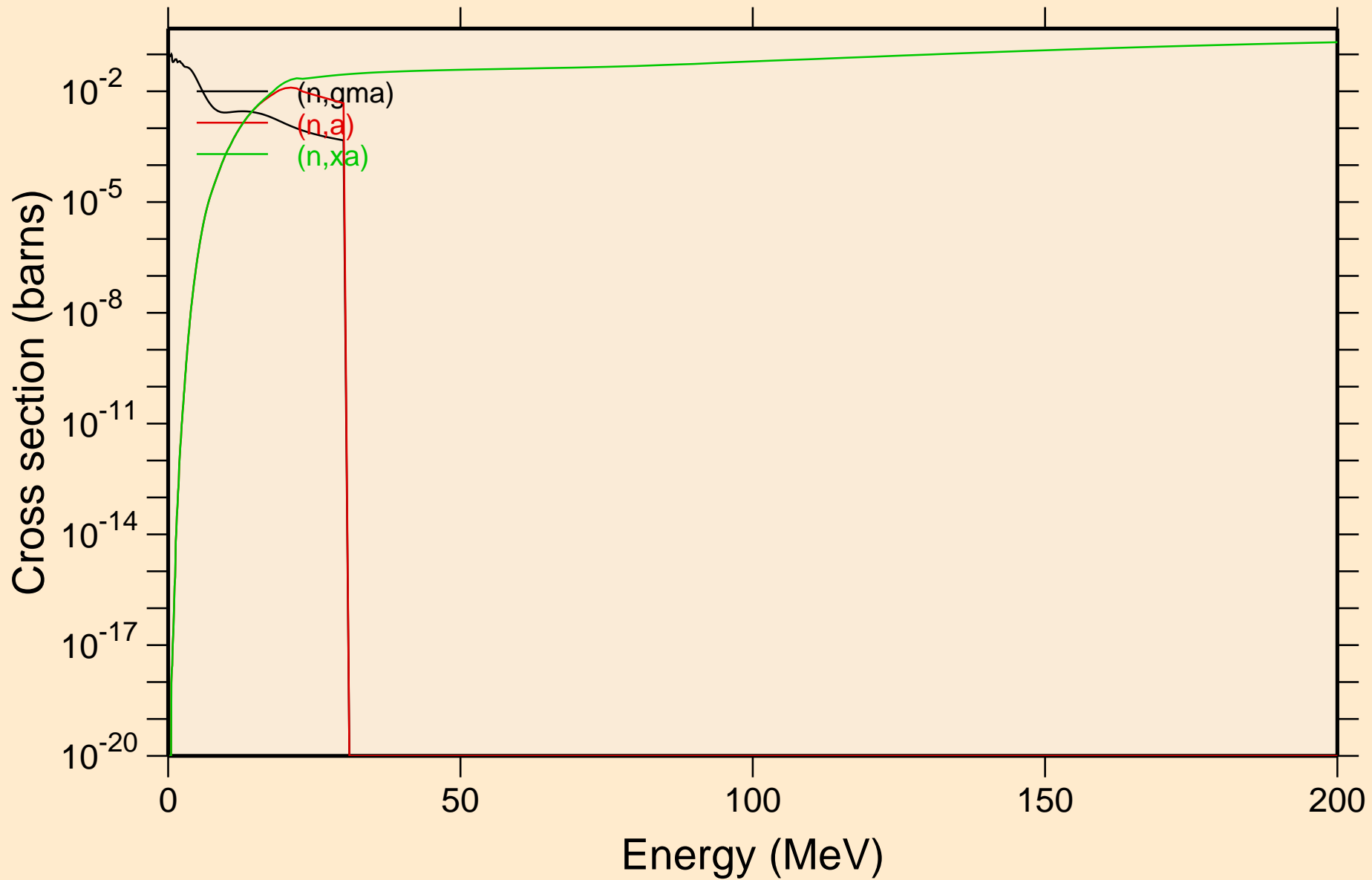
# CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage



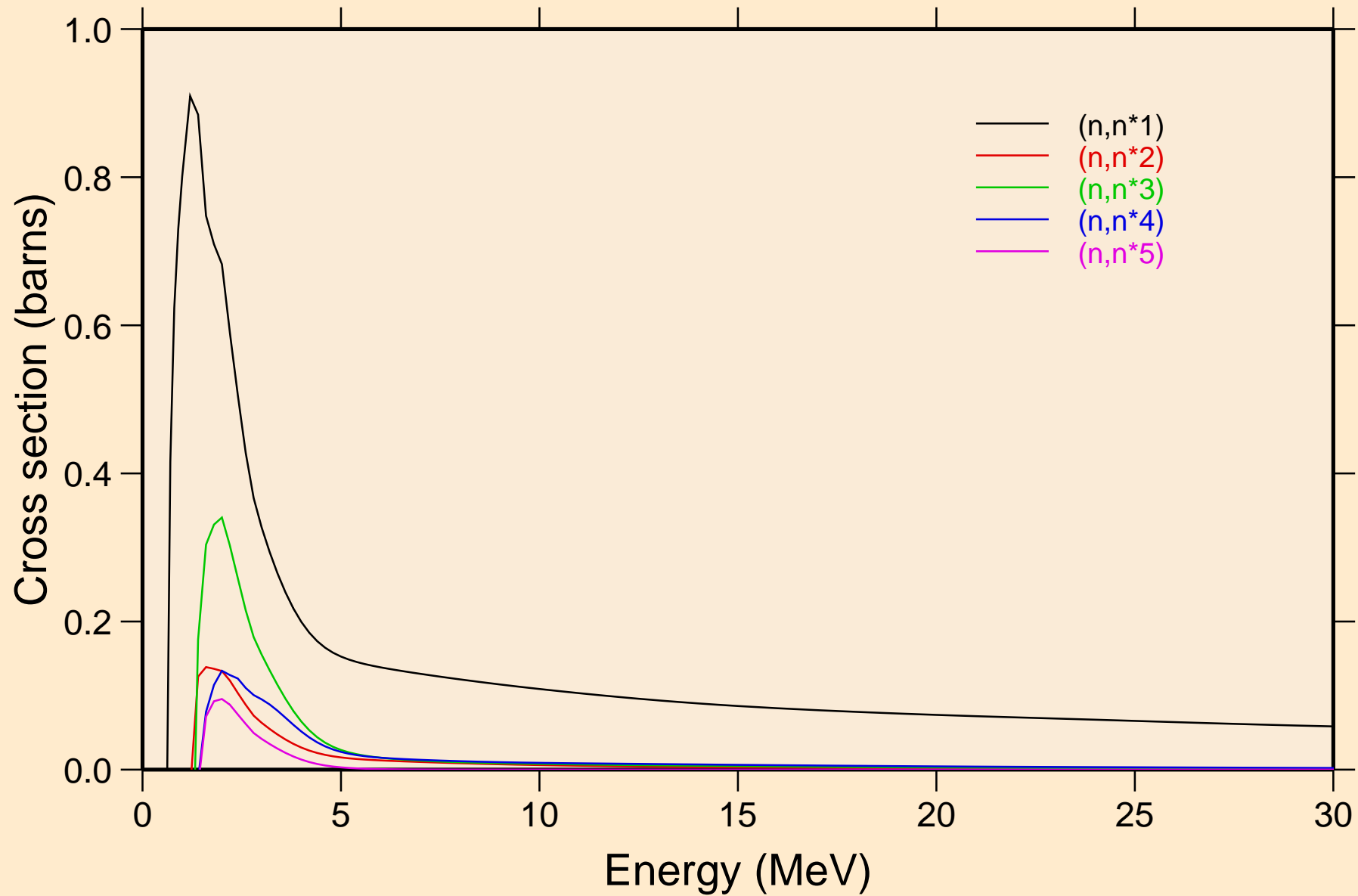
# CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions



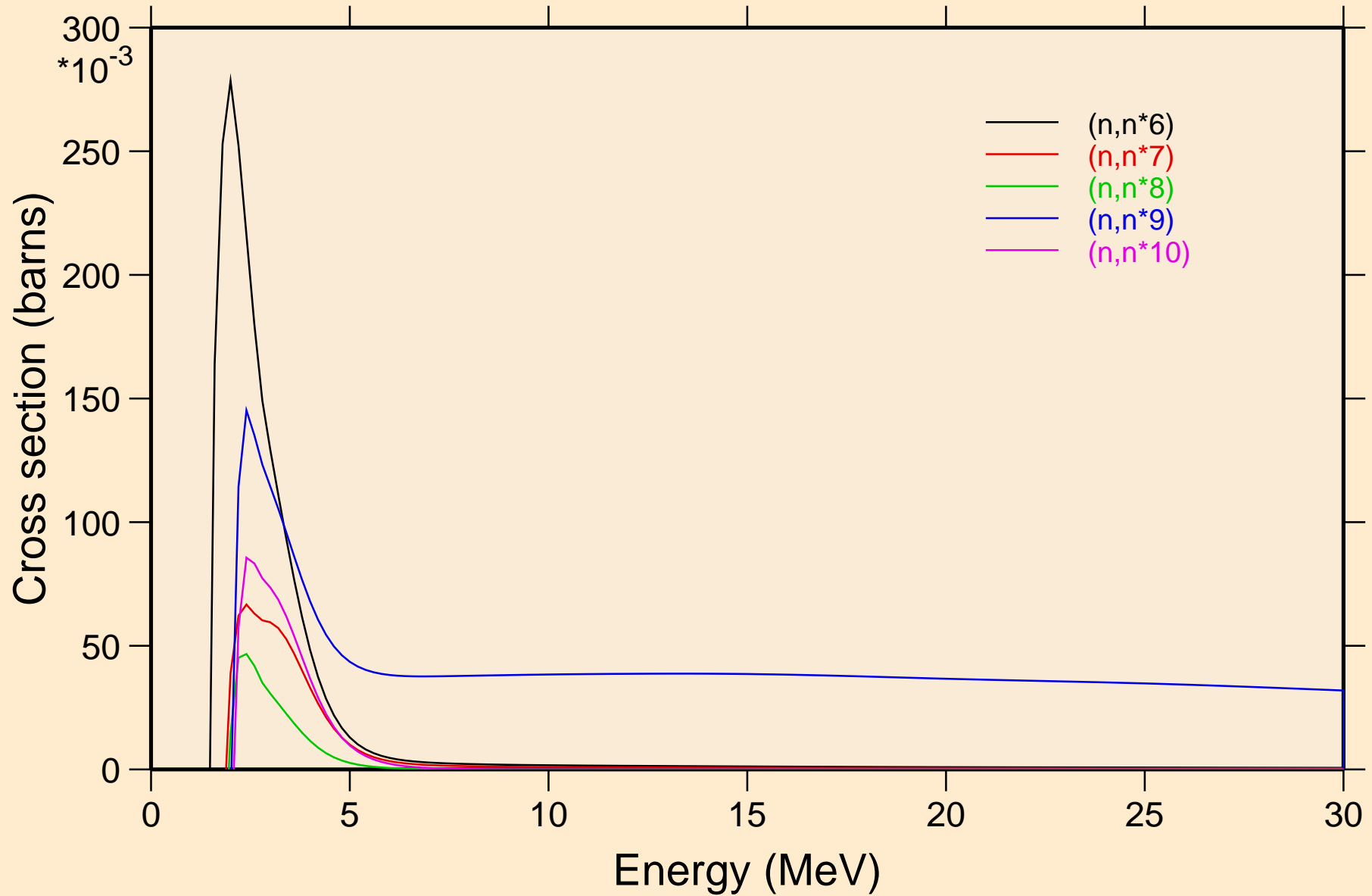
# CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



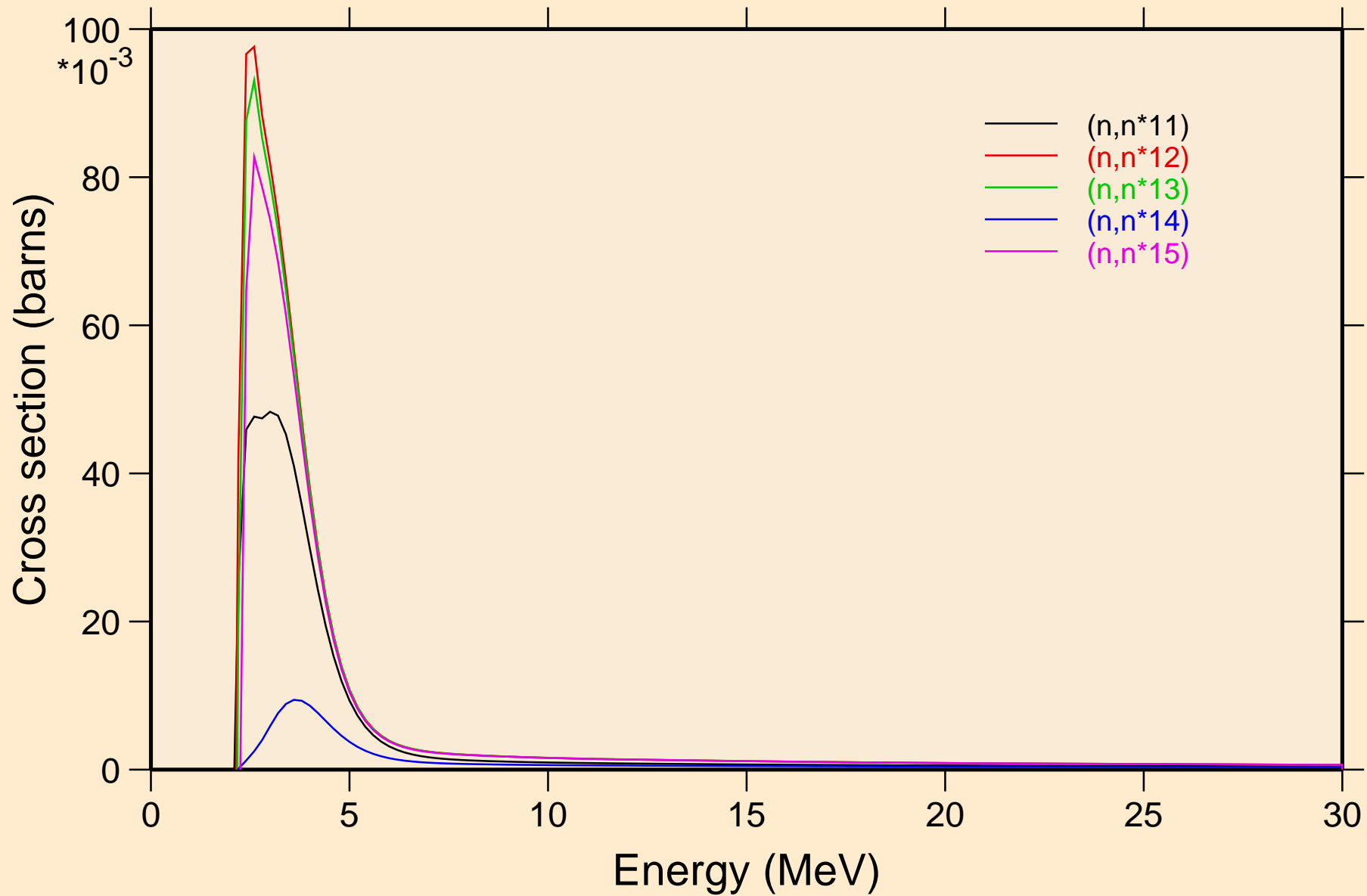
# CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



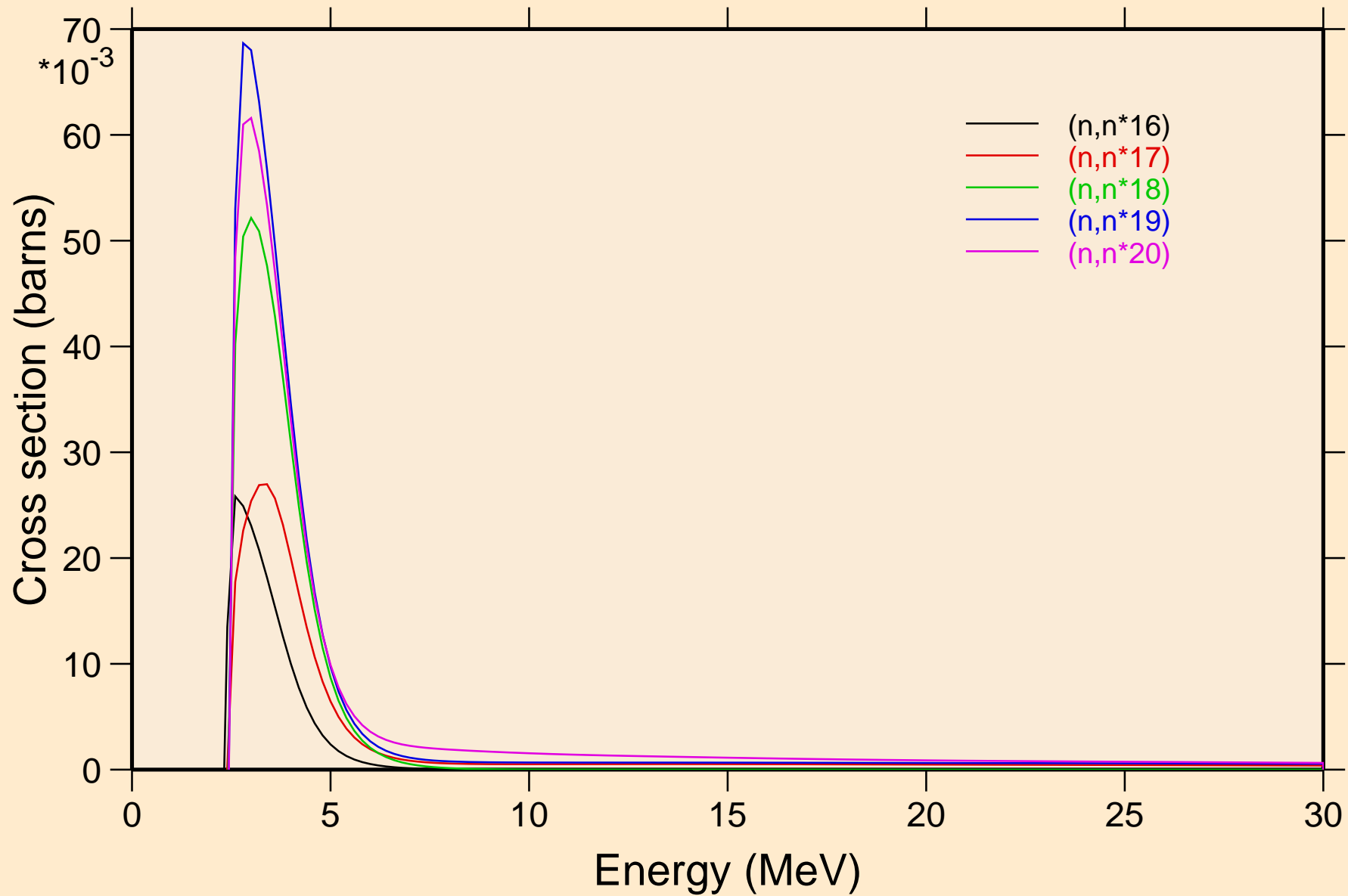
# CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



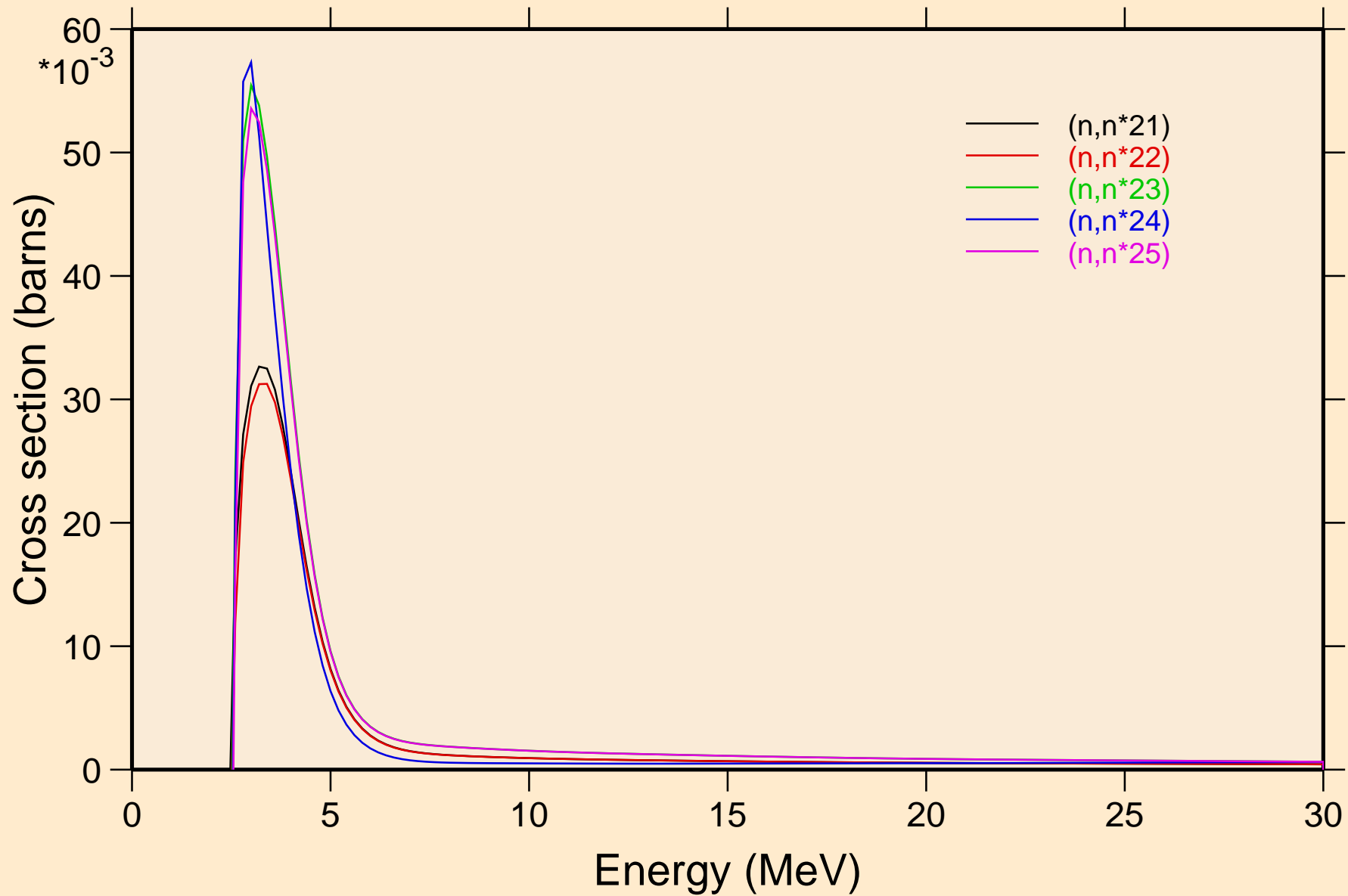
# CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels

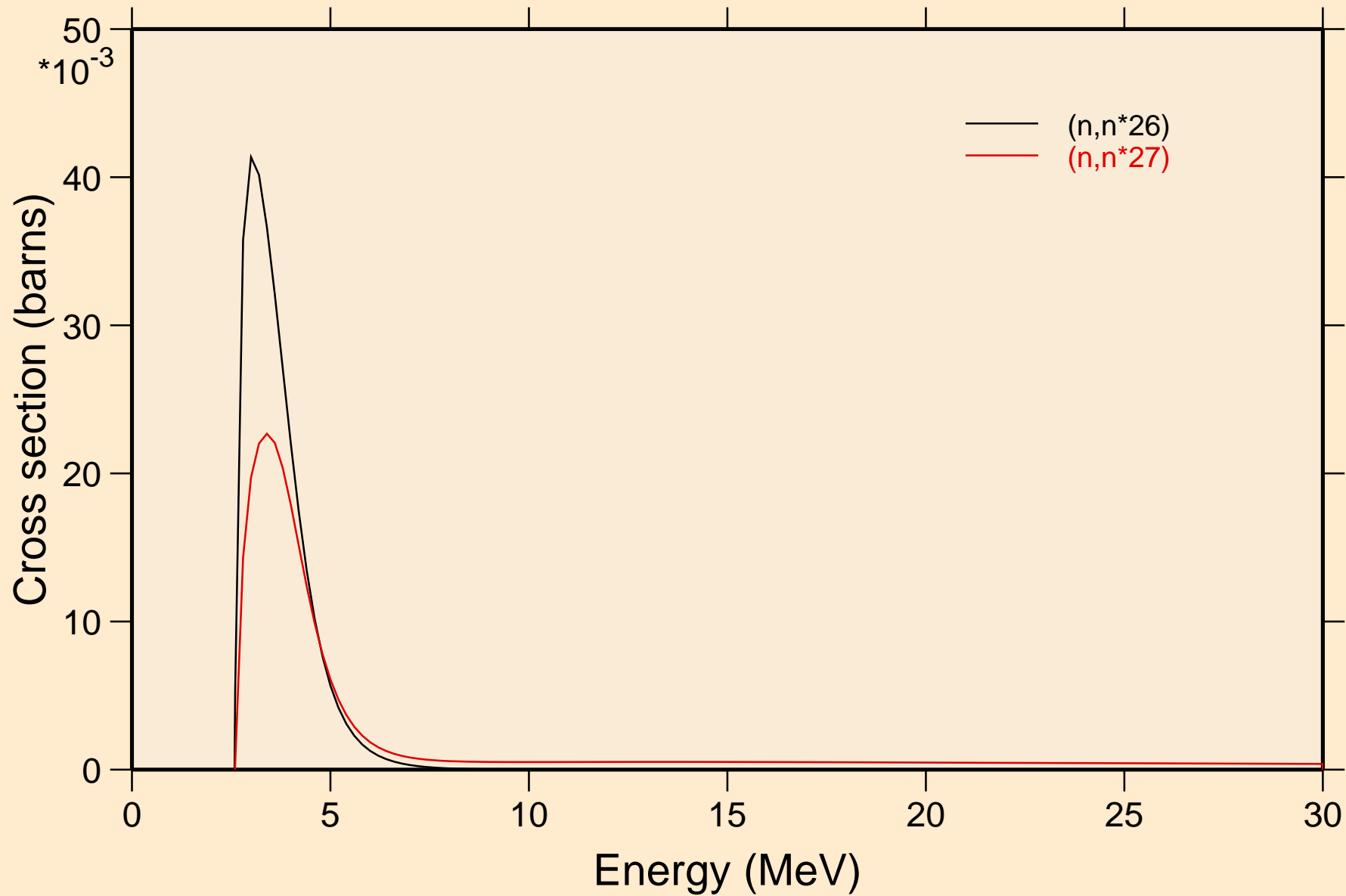


# CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels

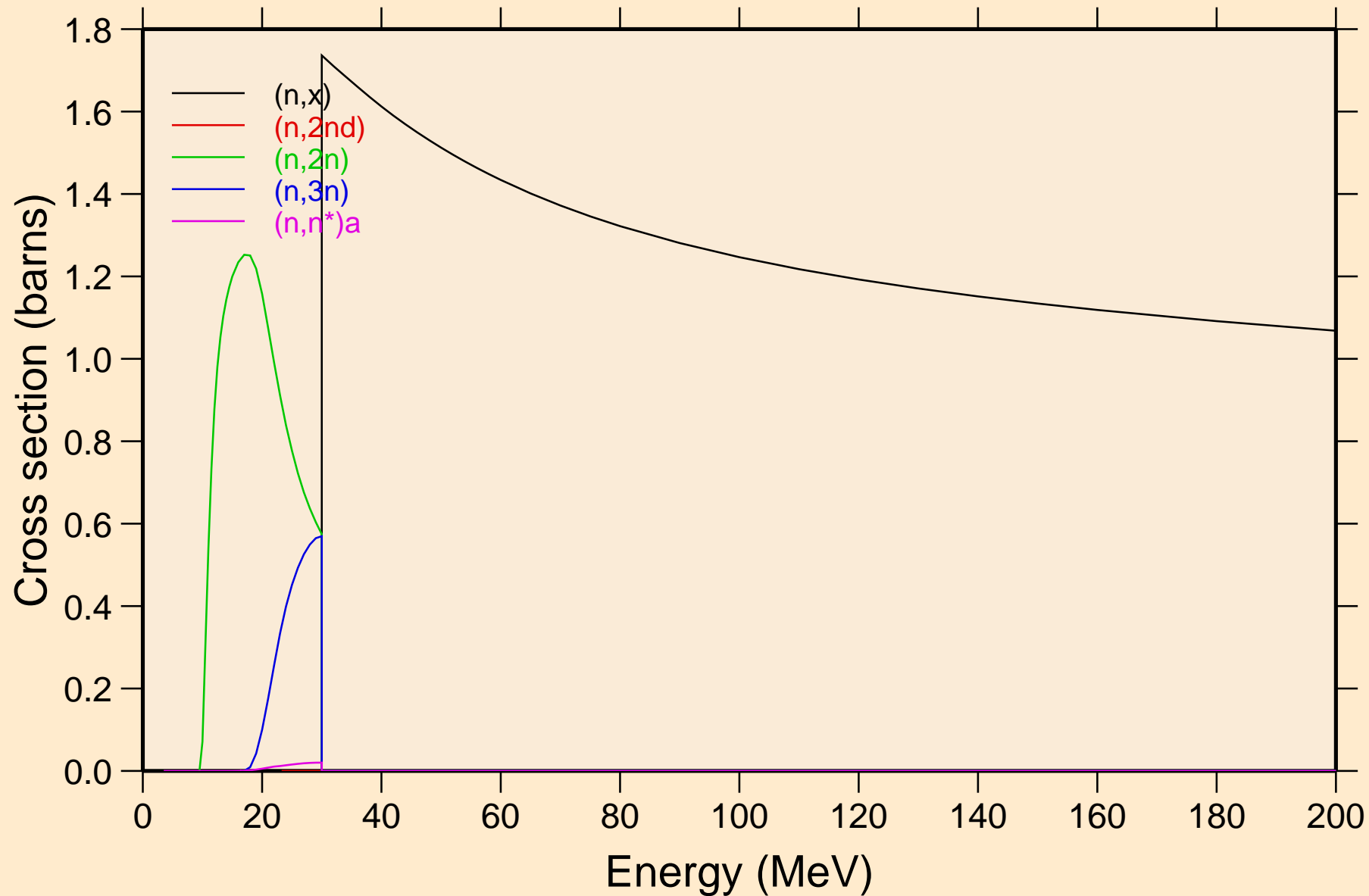


CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



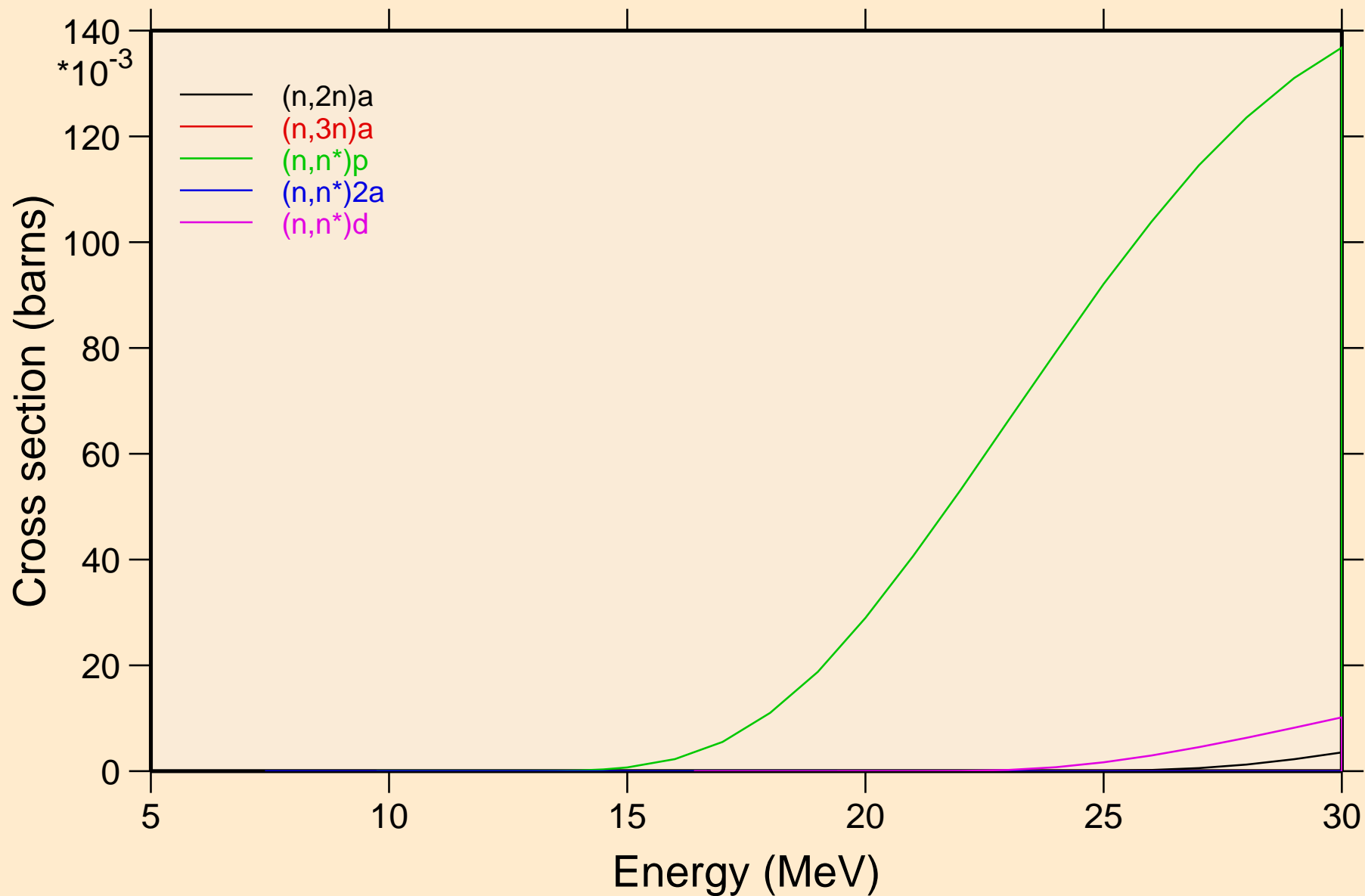
# CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



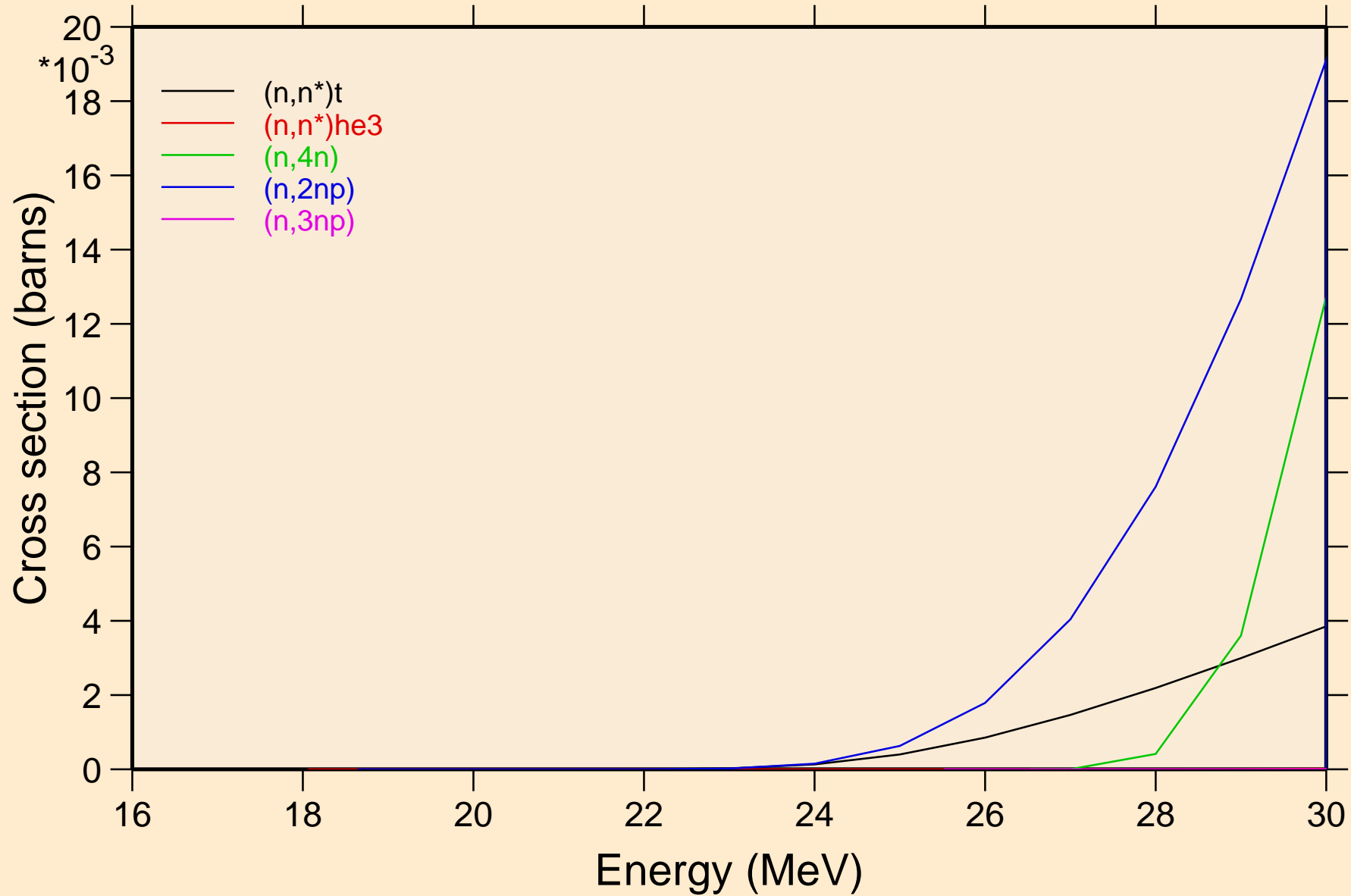
# CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



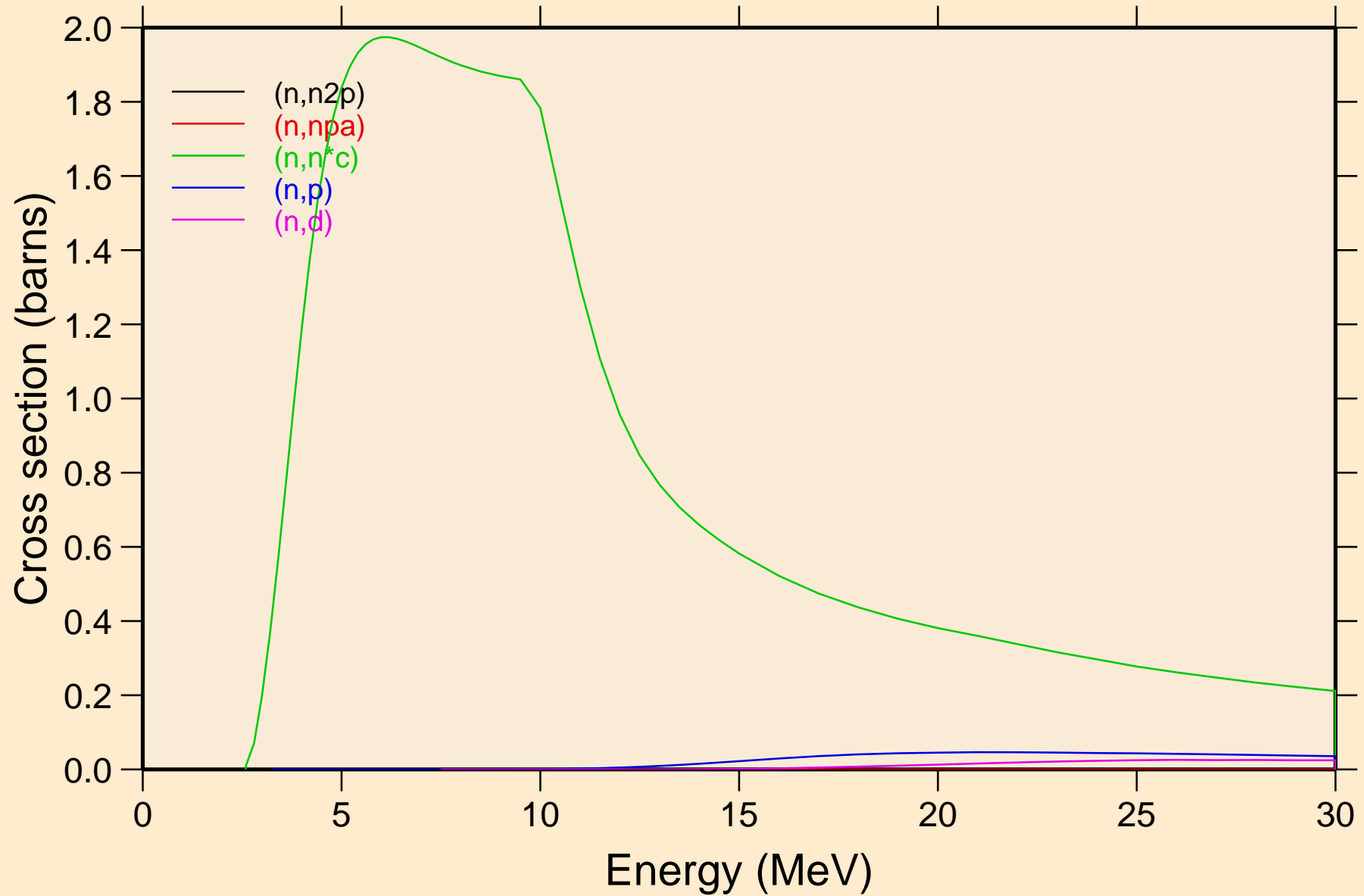
# CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



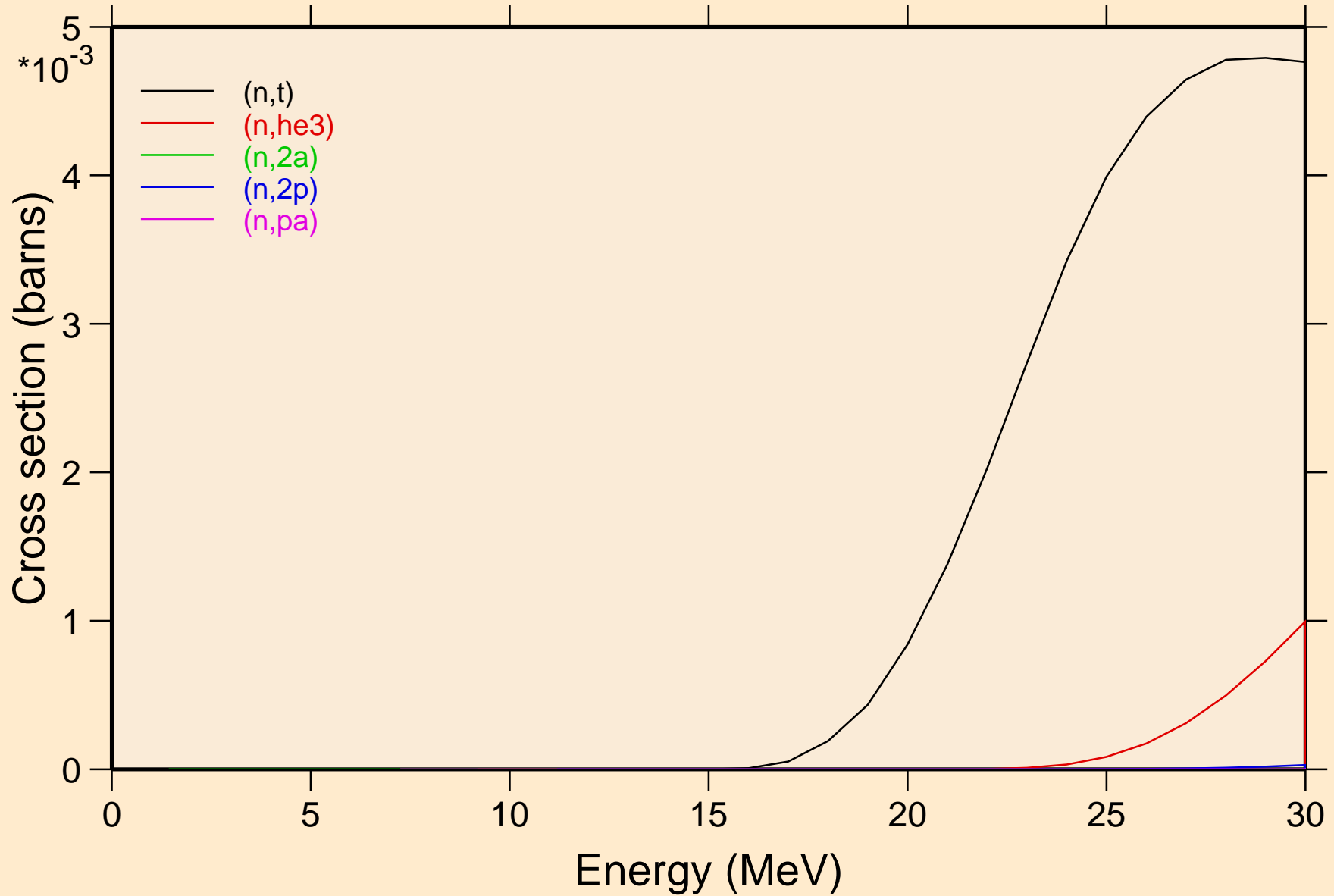
# CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



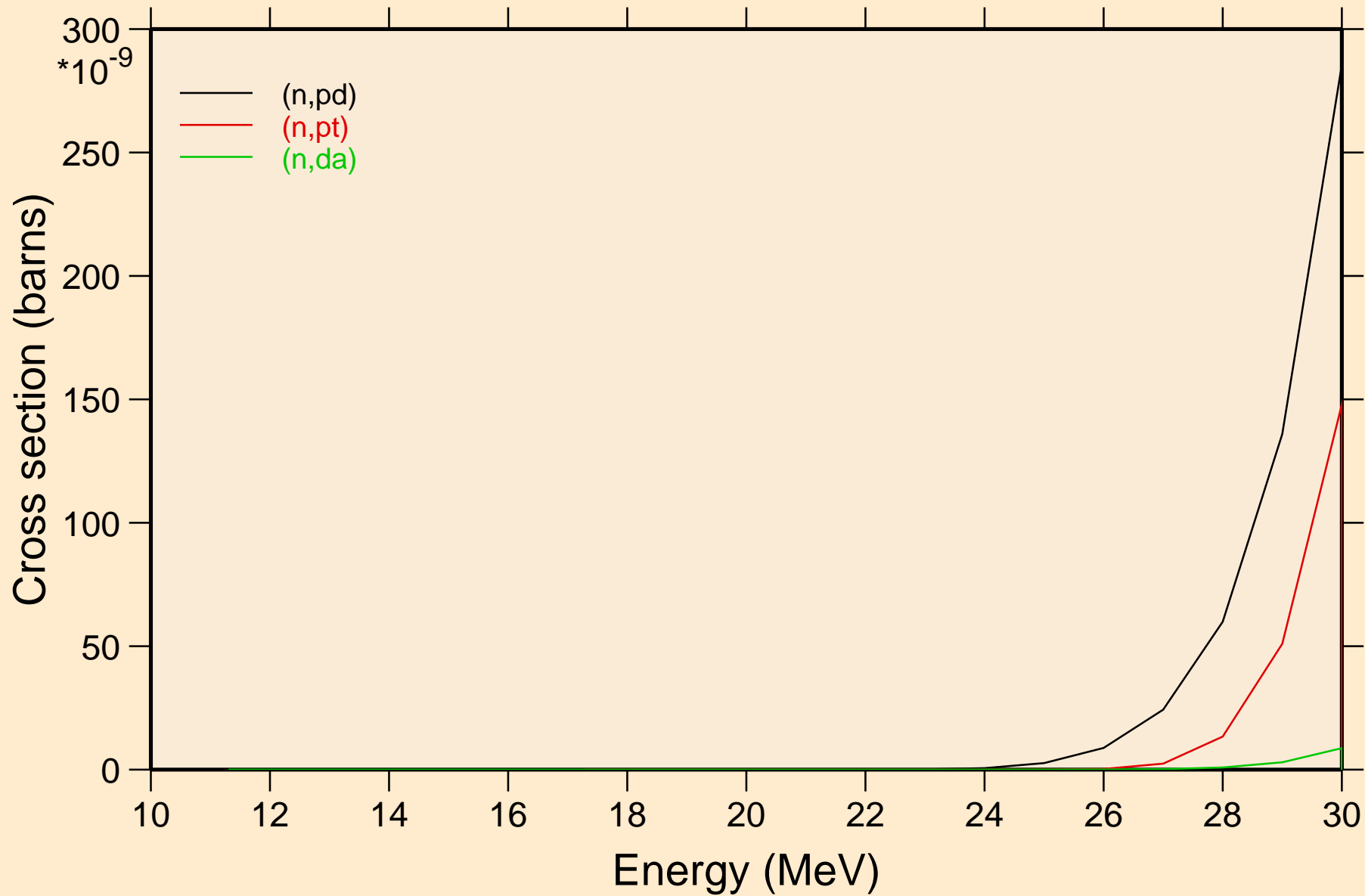
# CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



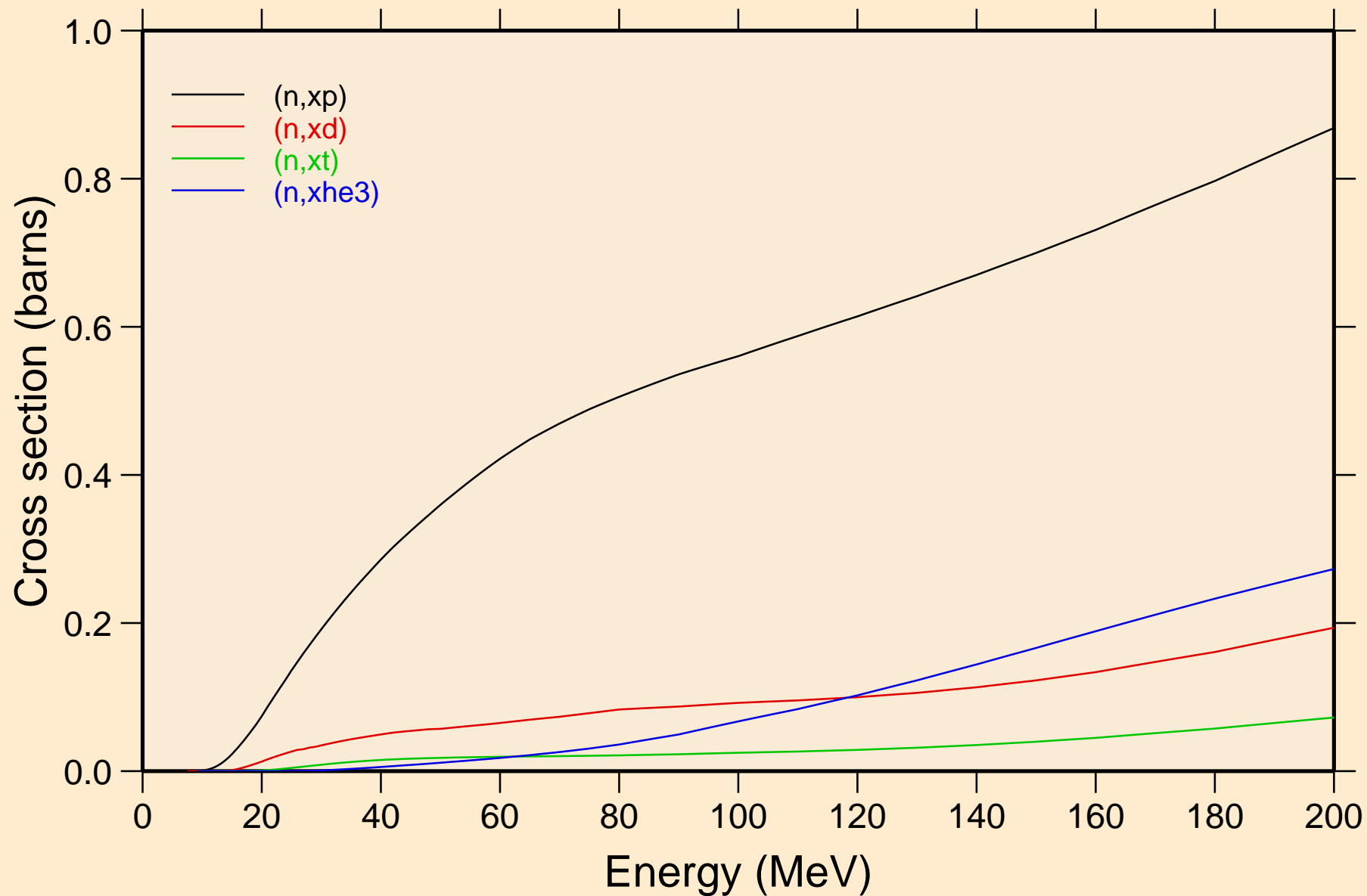
# CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

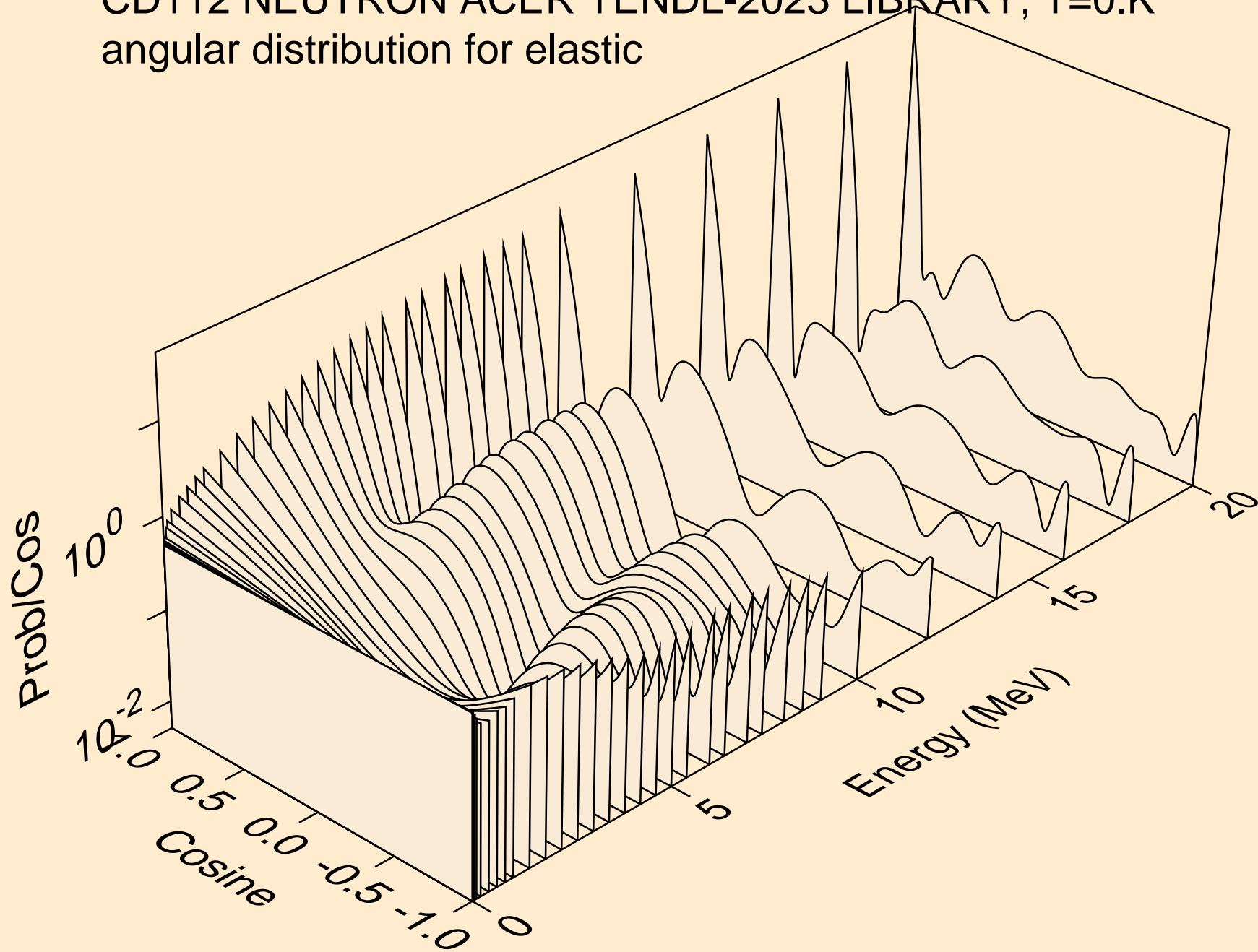


# CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

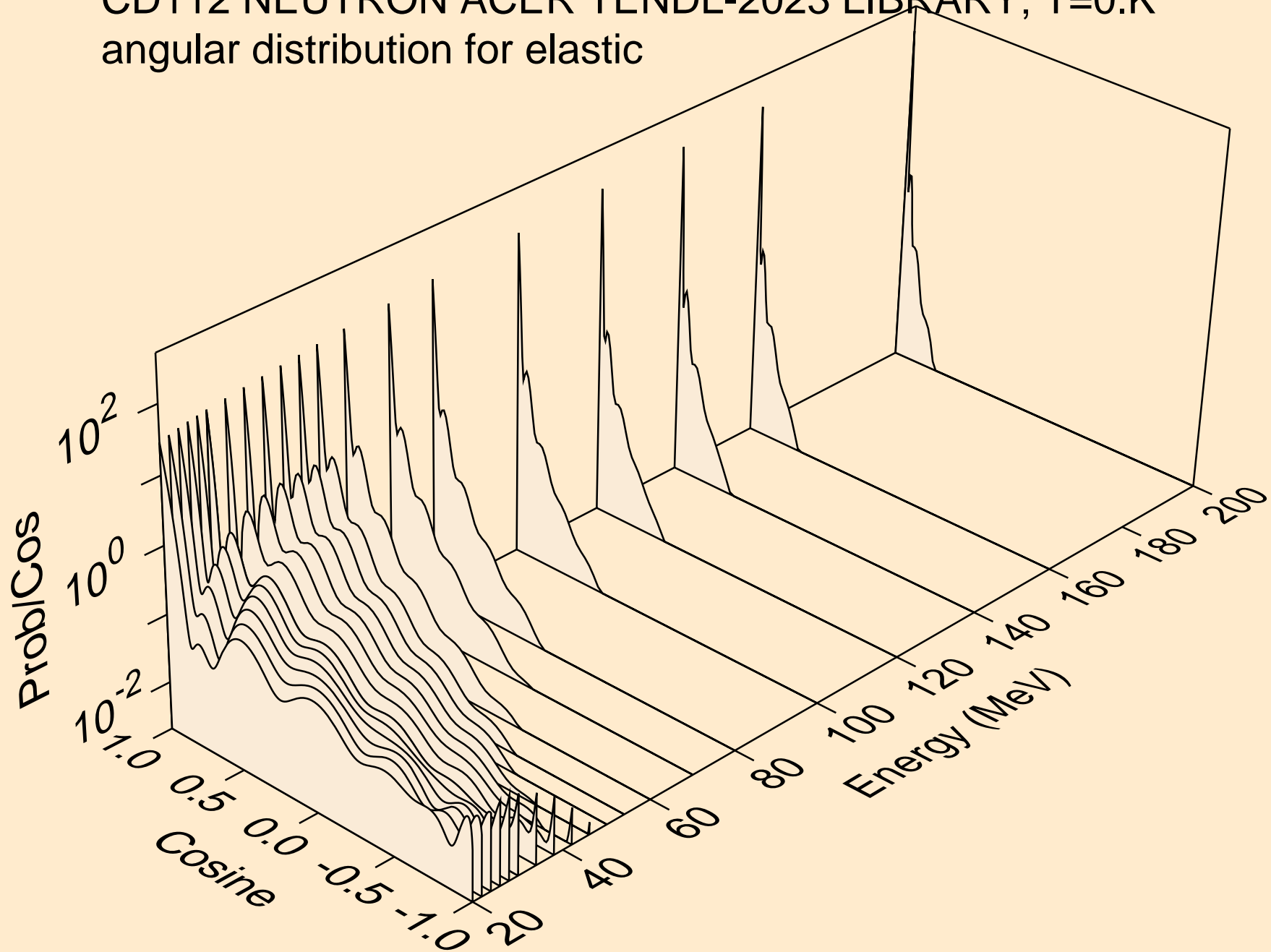
## Threshold reactions



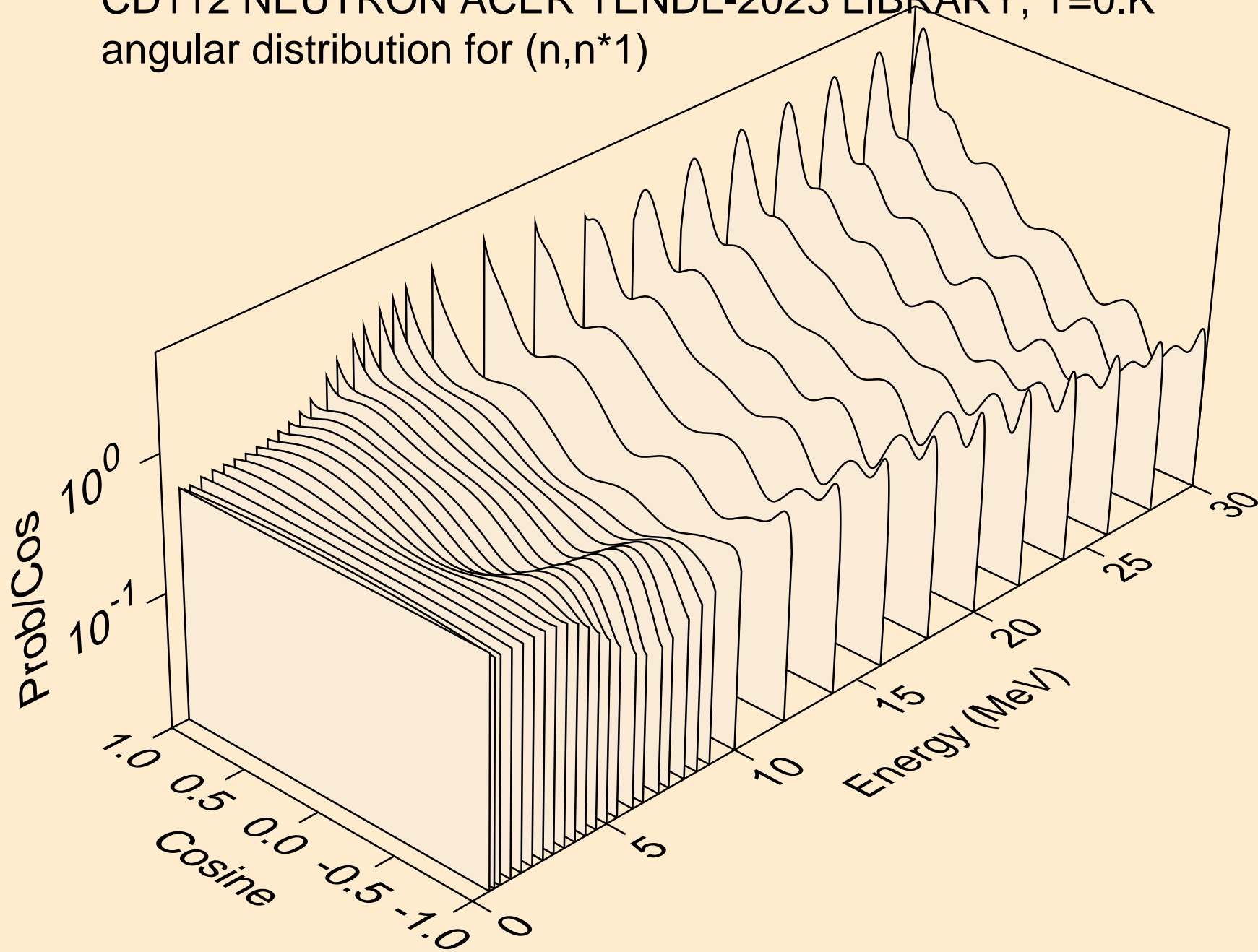
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



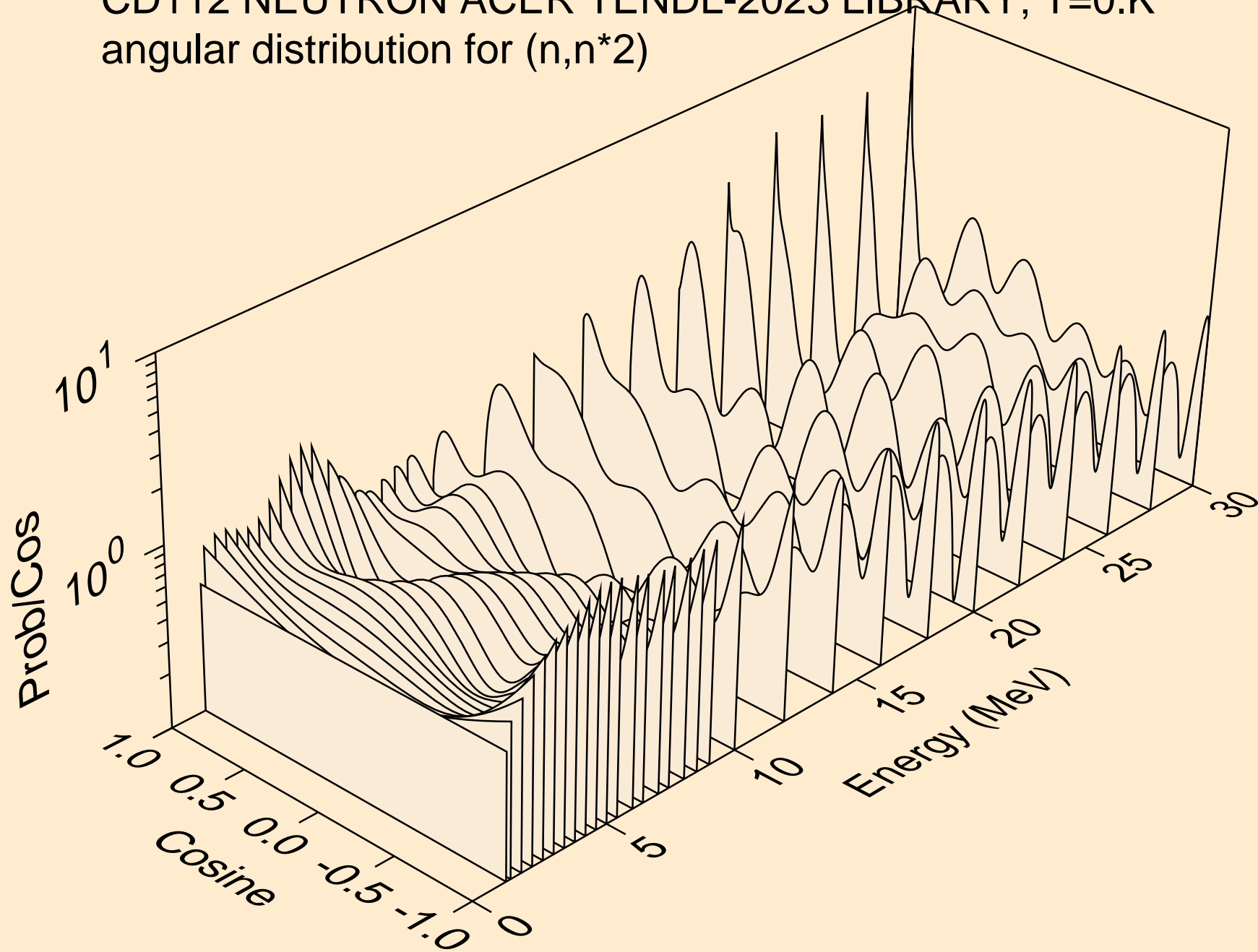
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



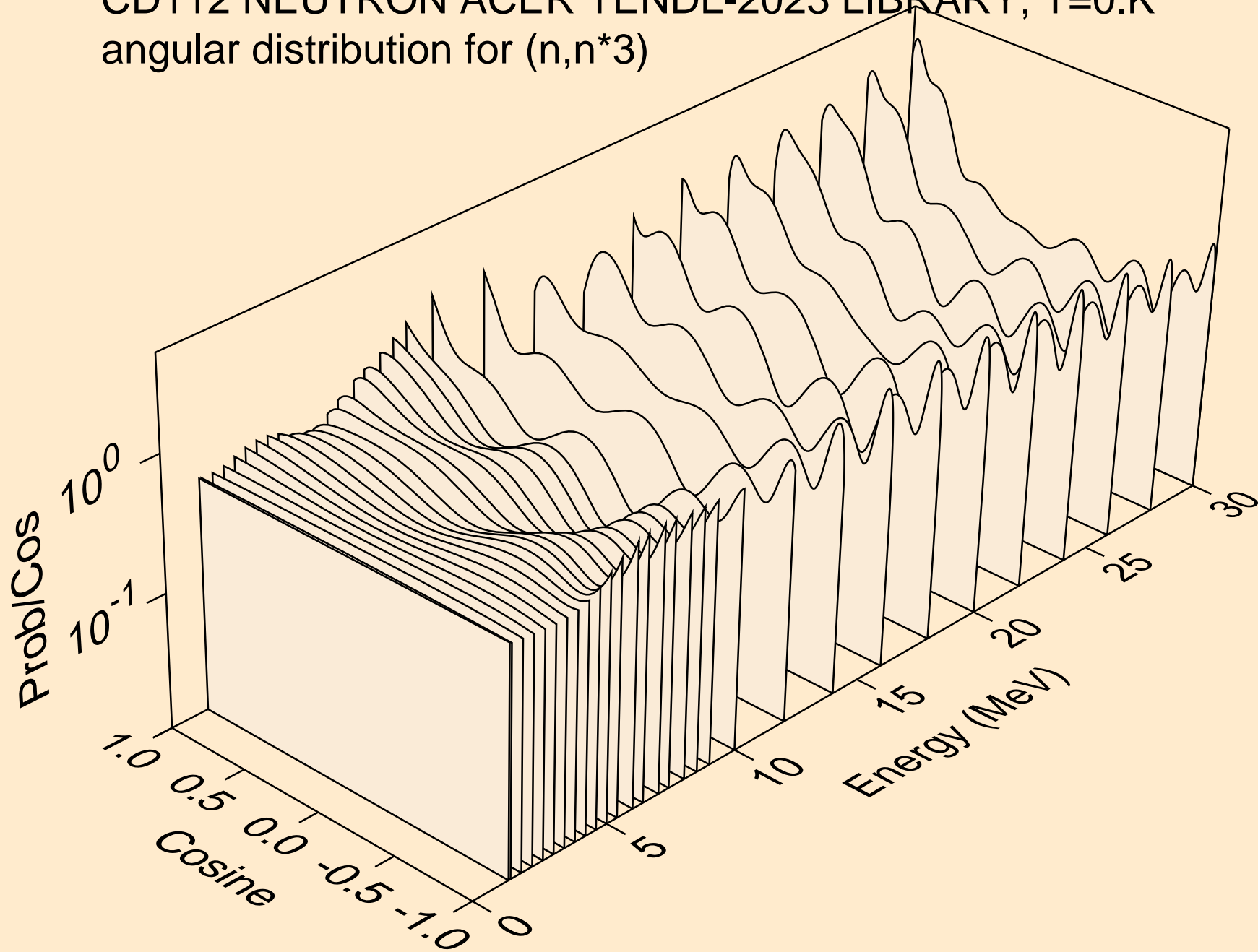
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



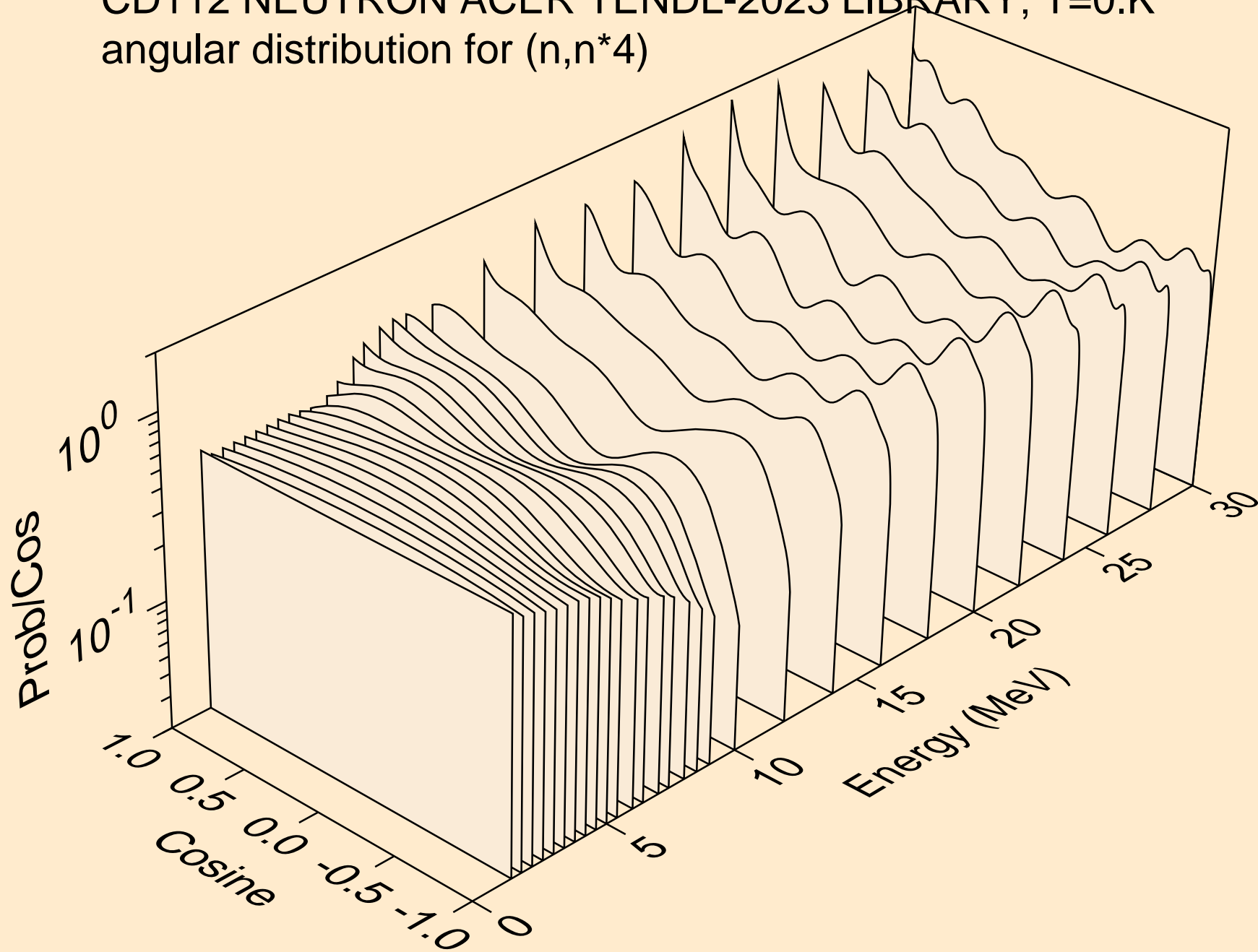
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



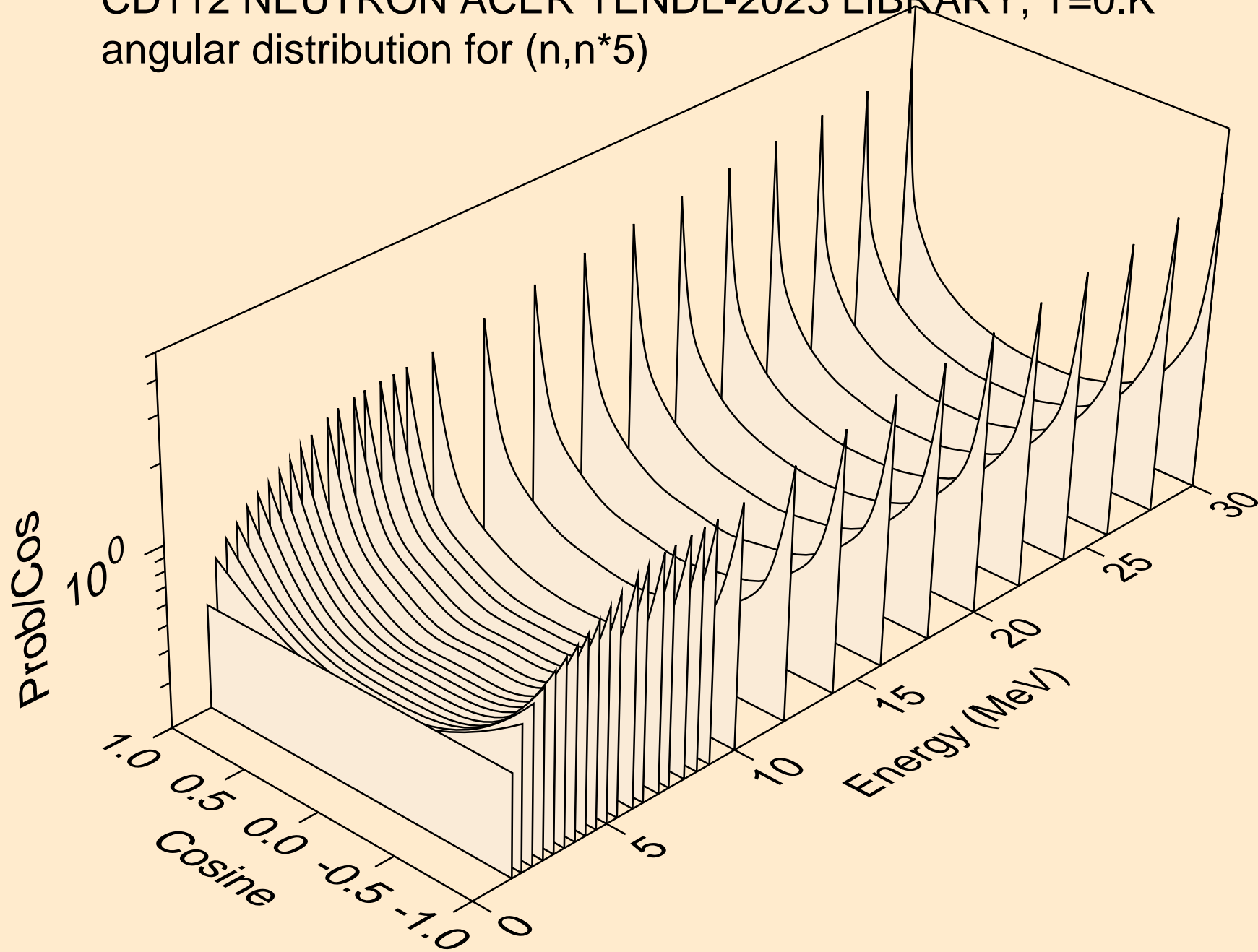
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



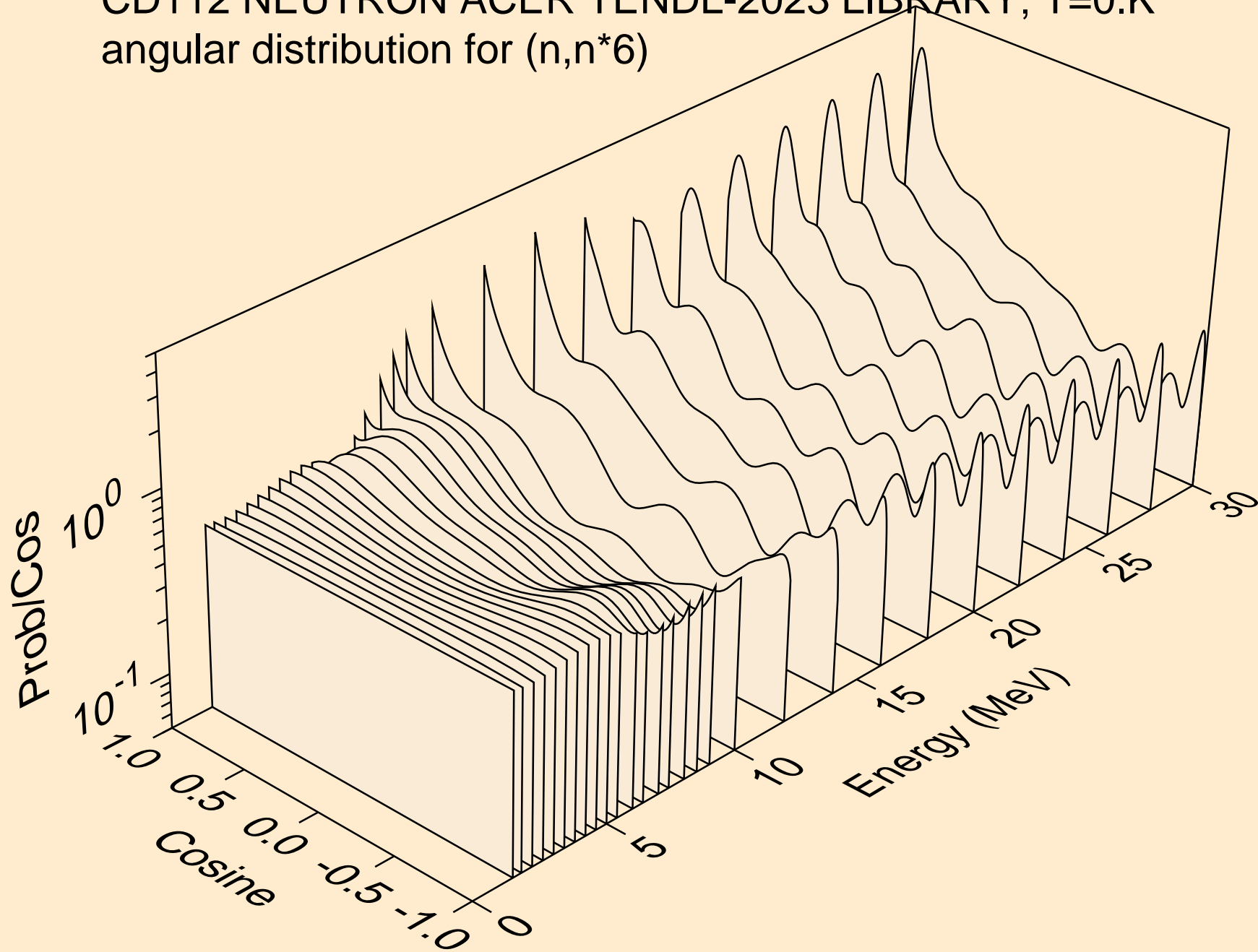
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



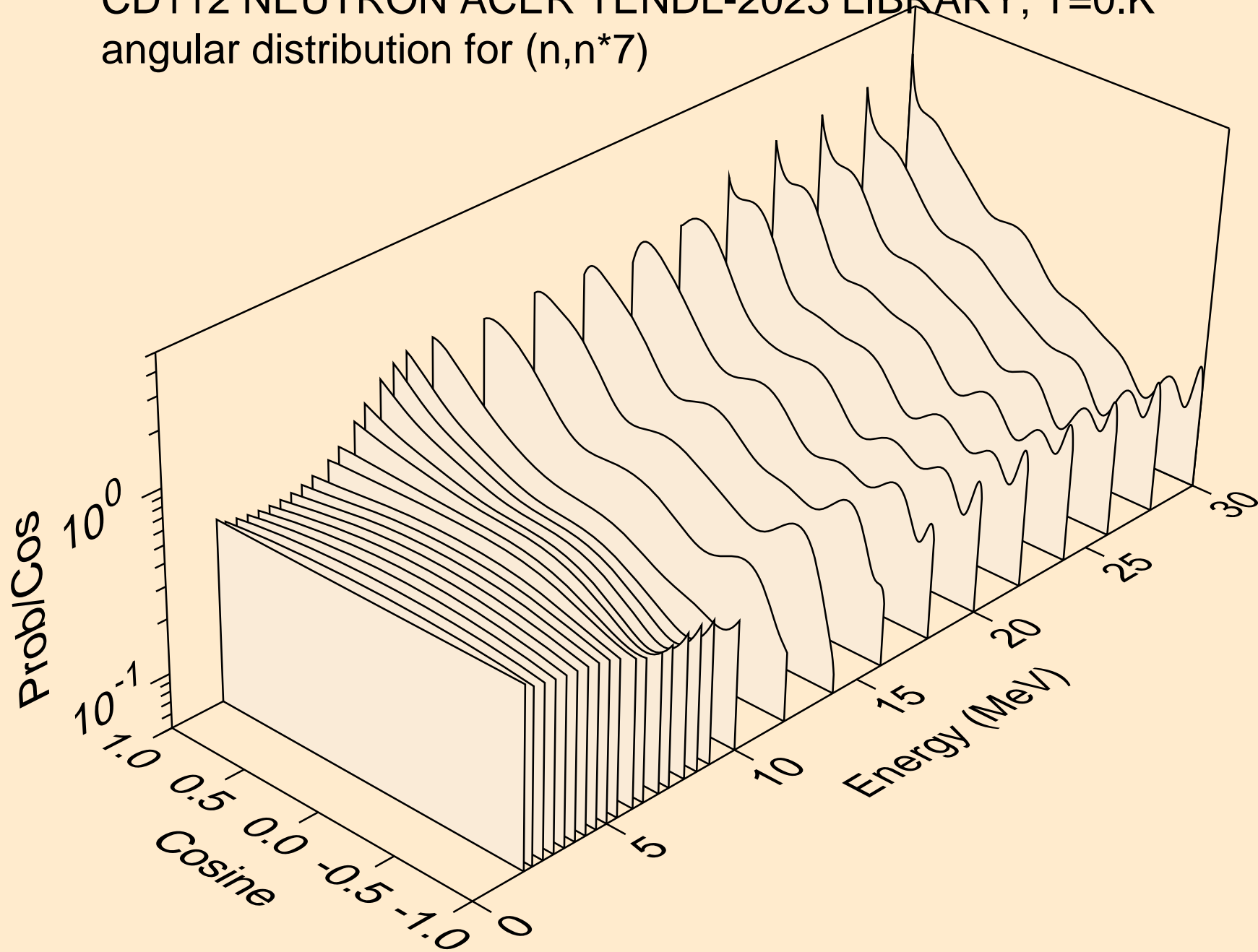
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



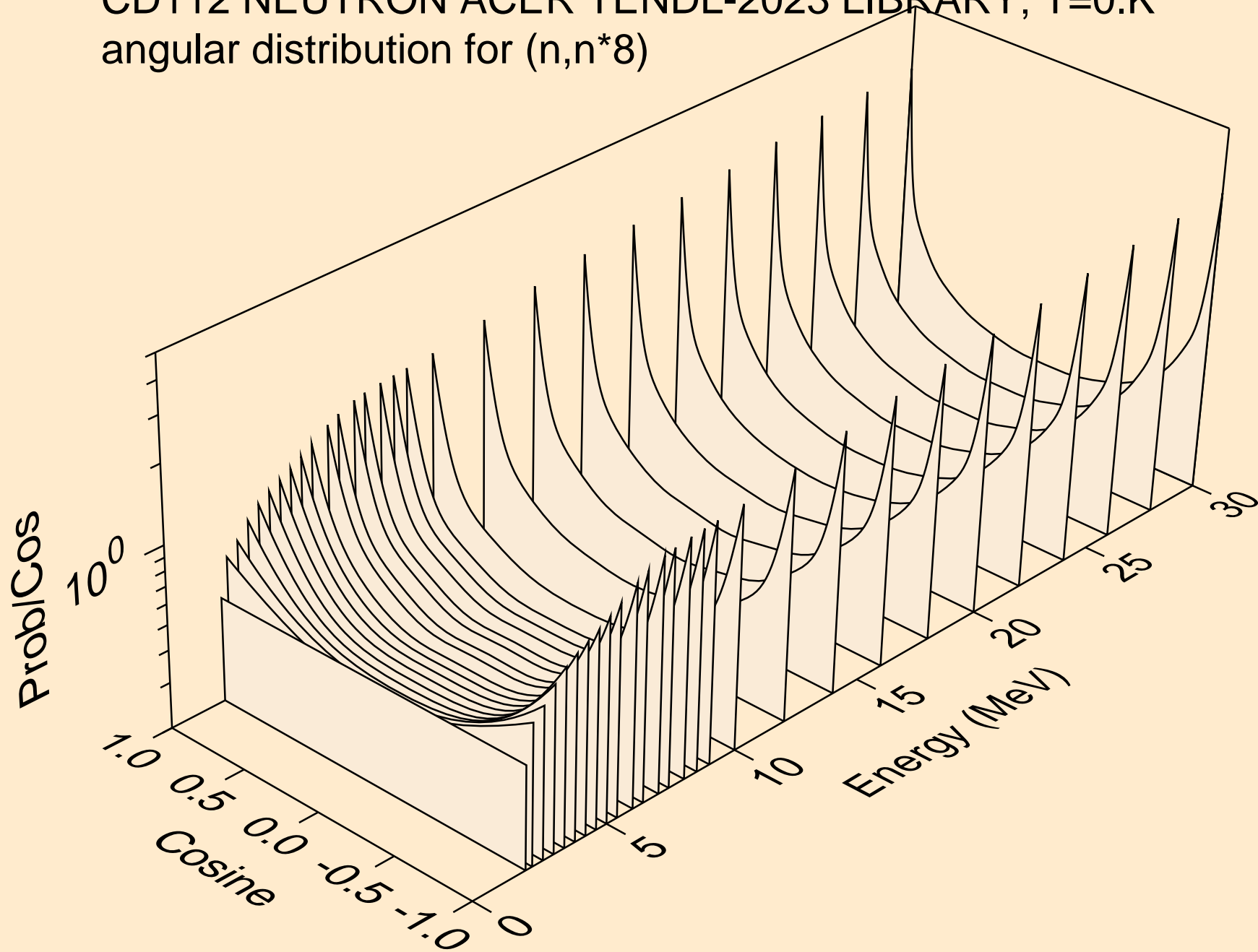
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



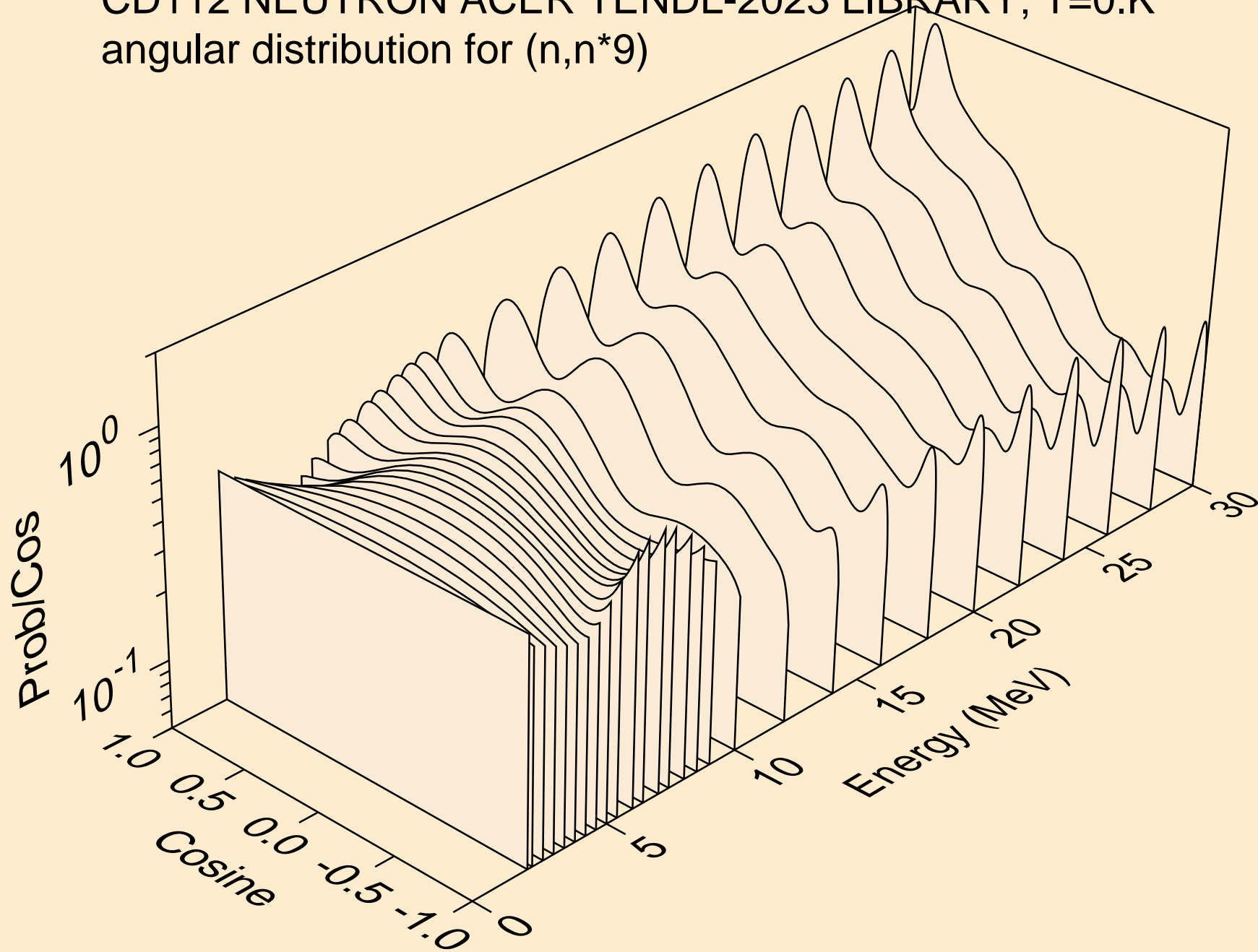
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



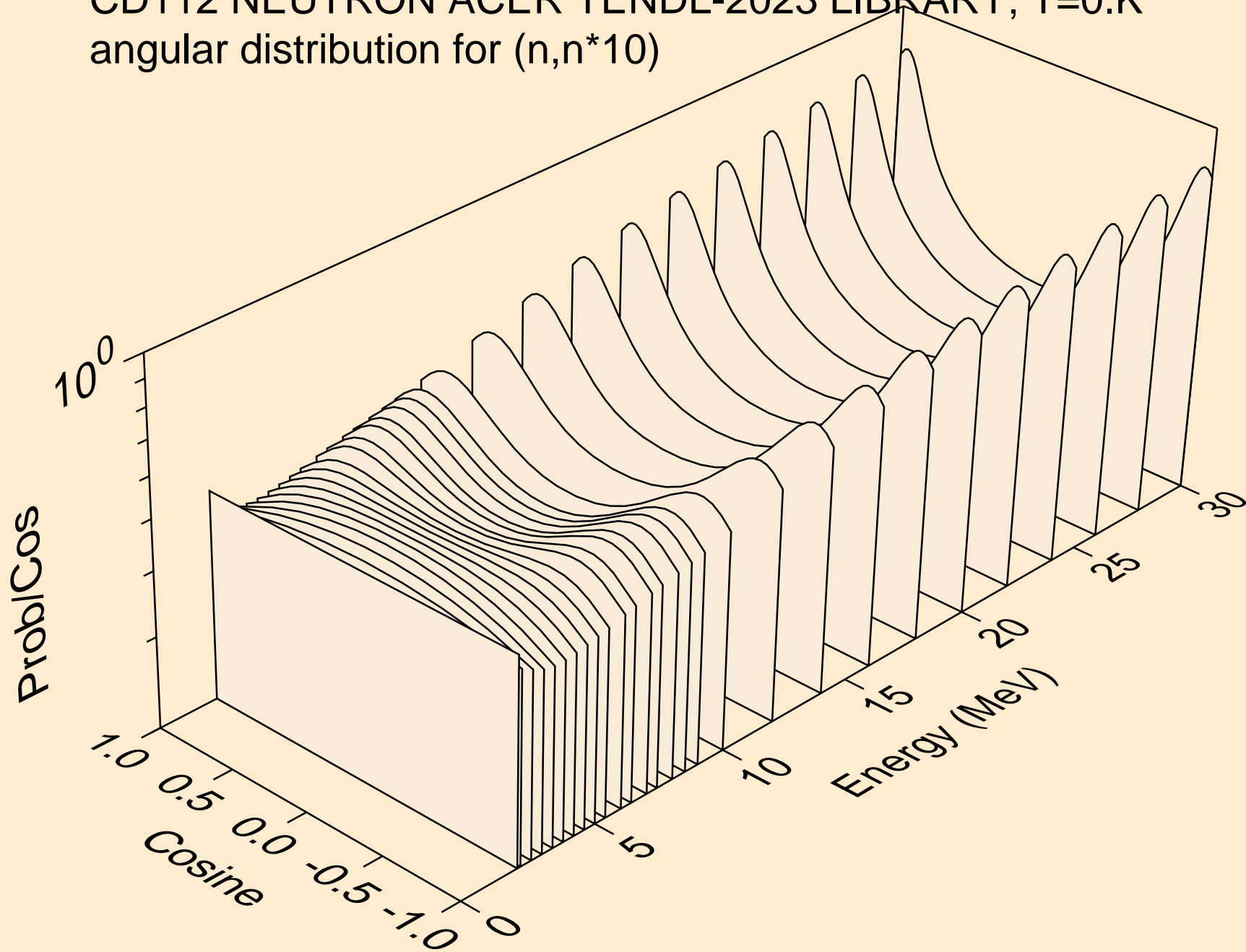
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



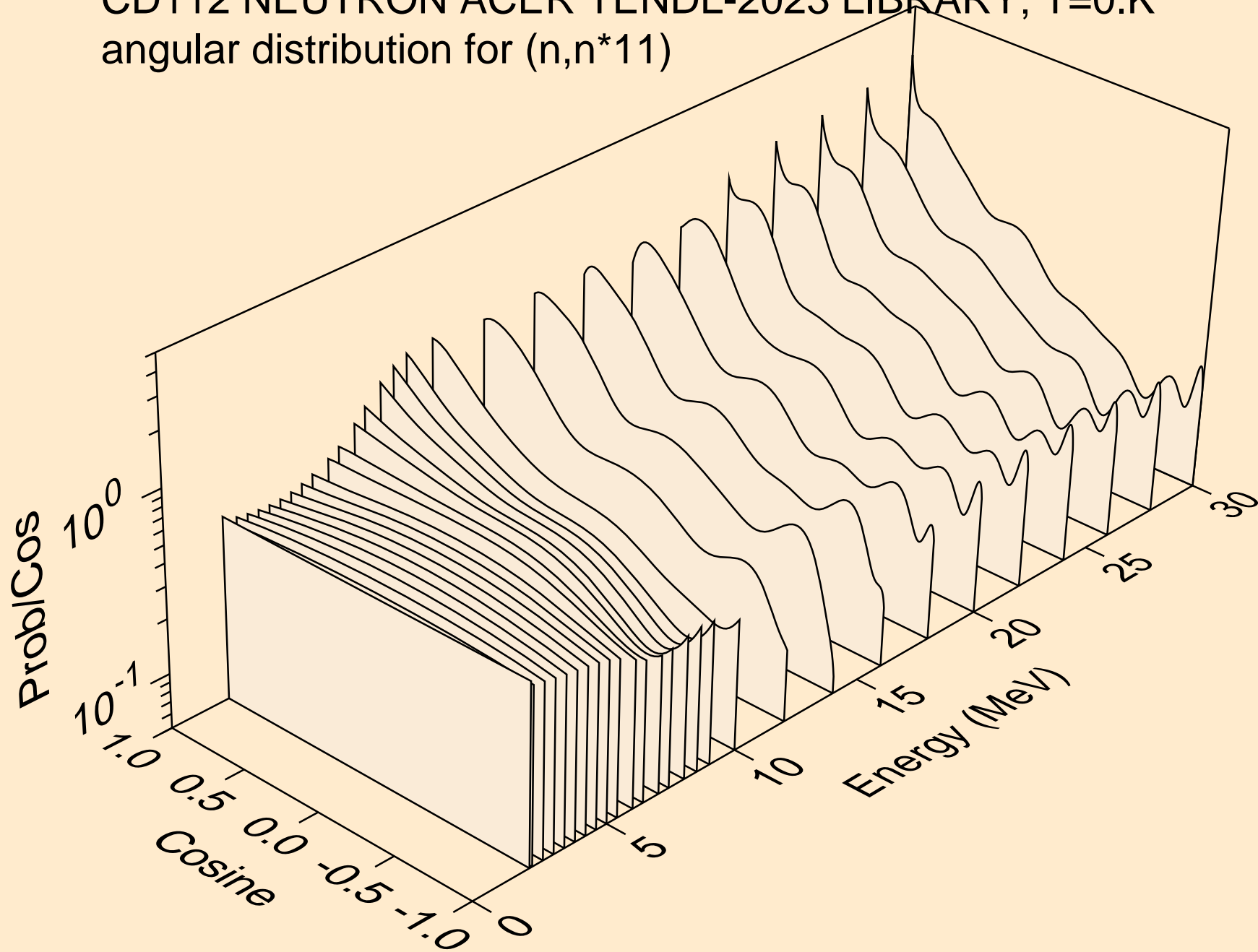
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



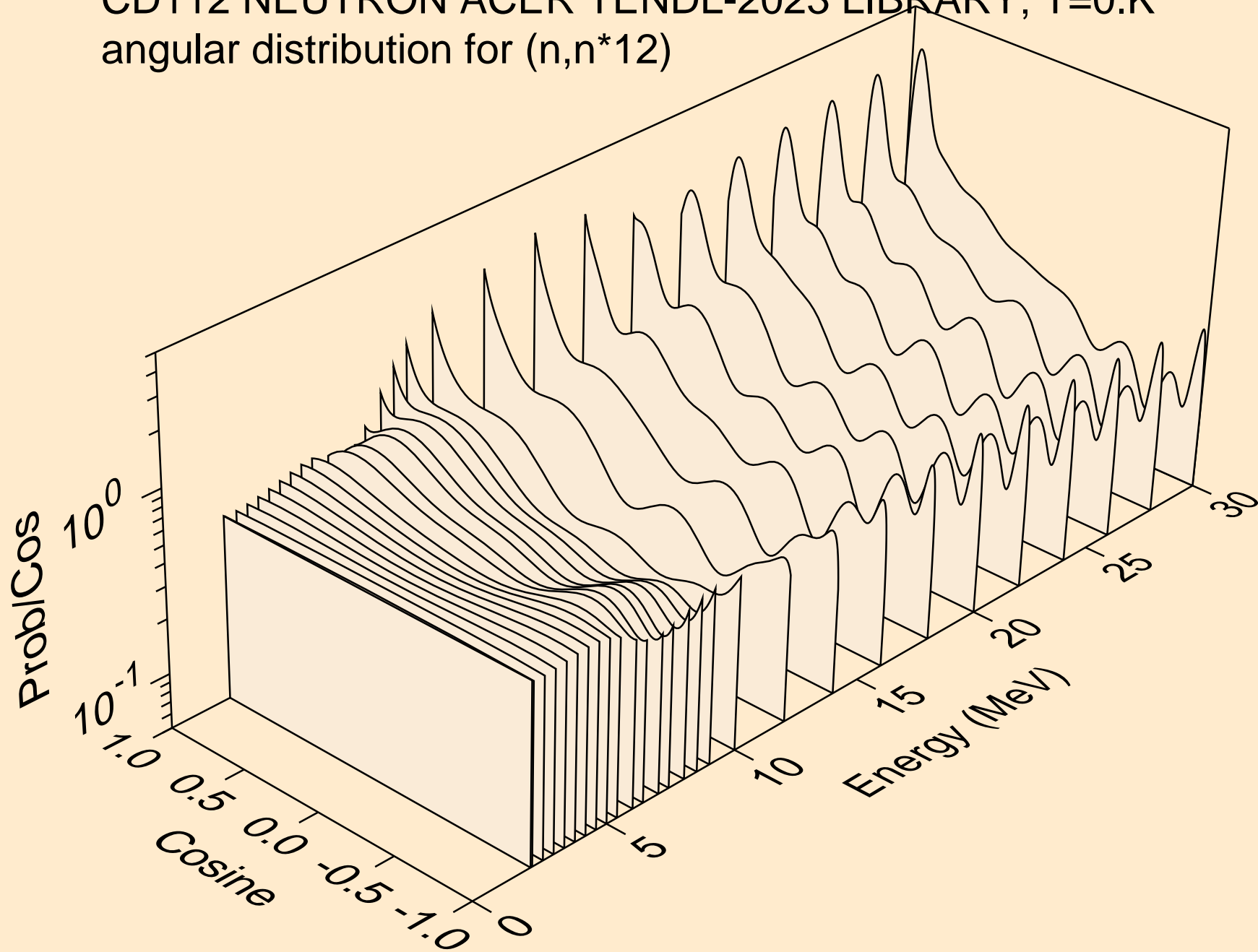
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



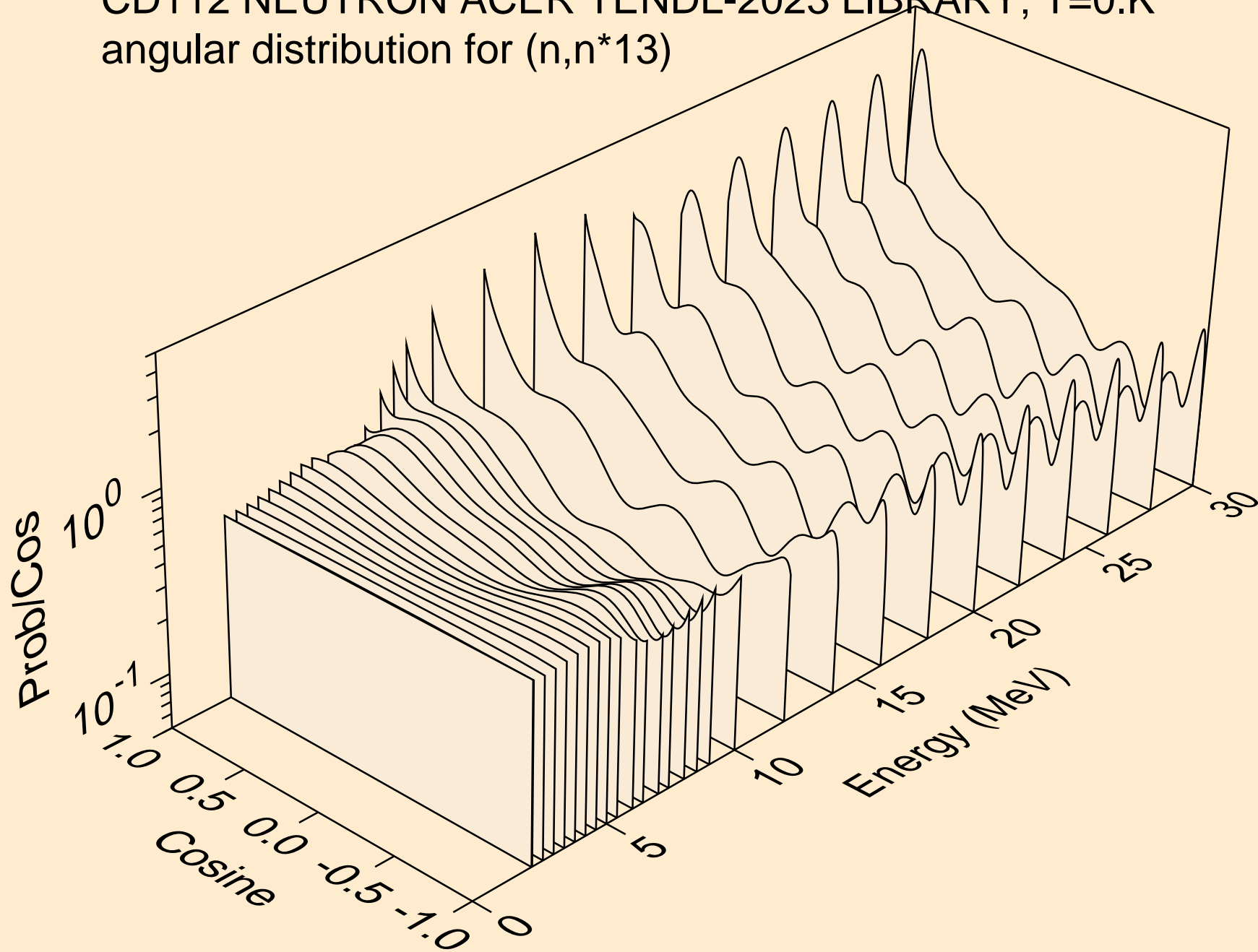
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



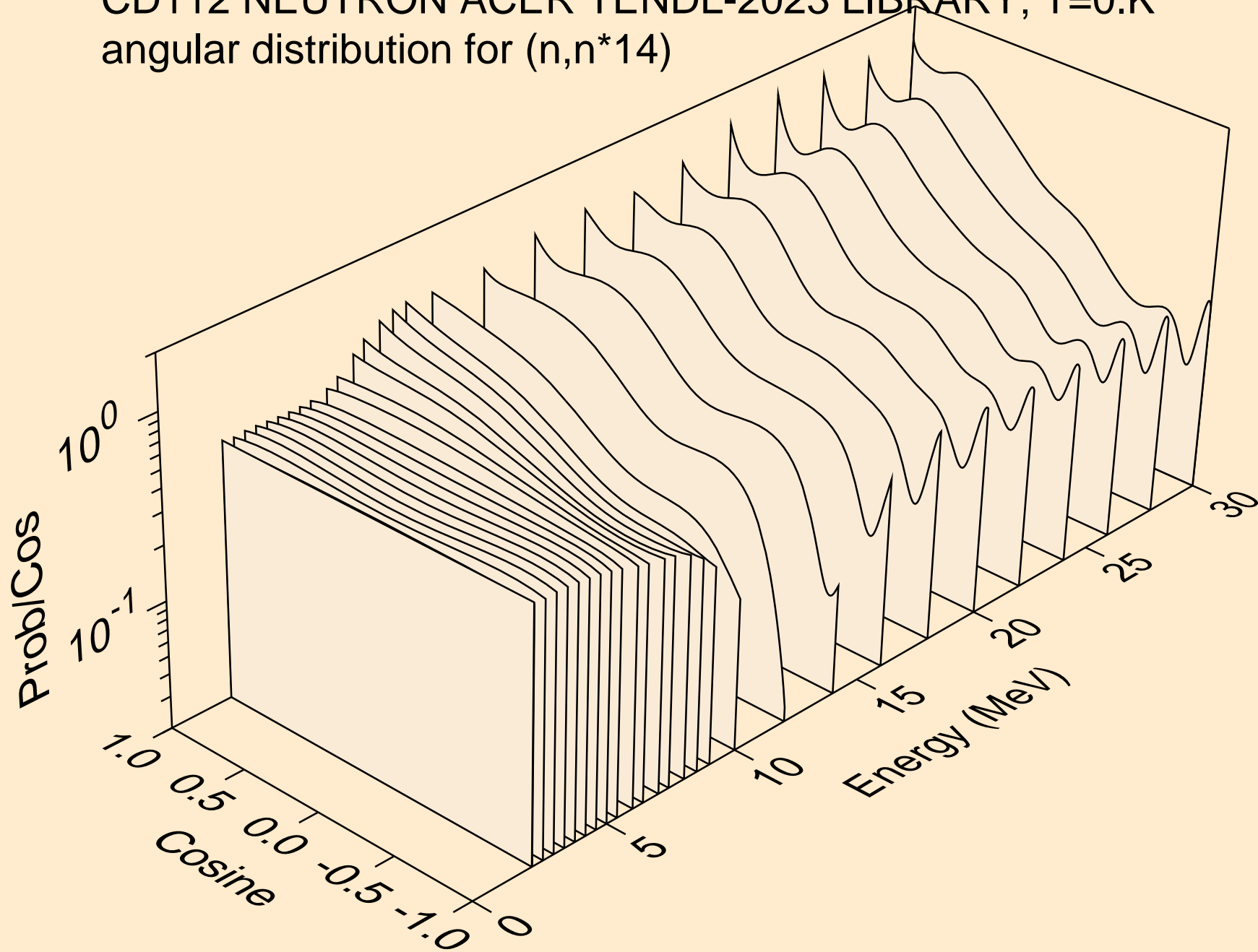
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



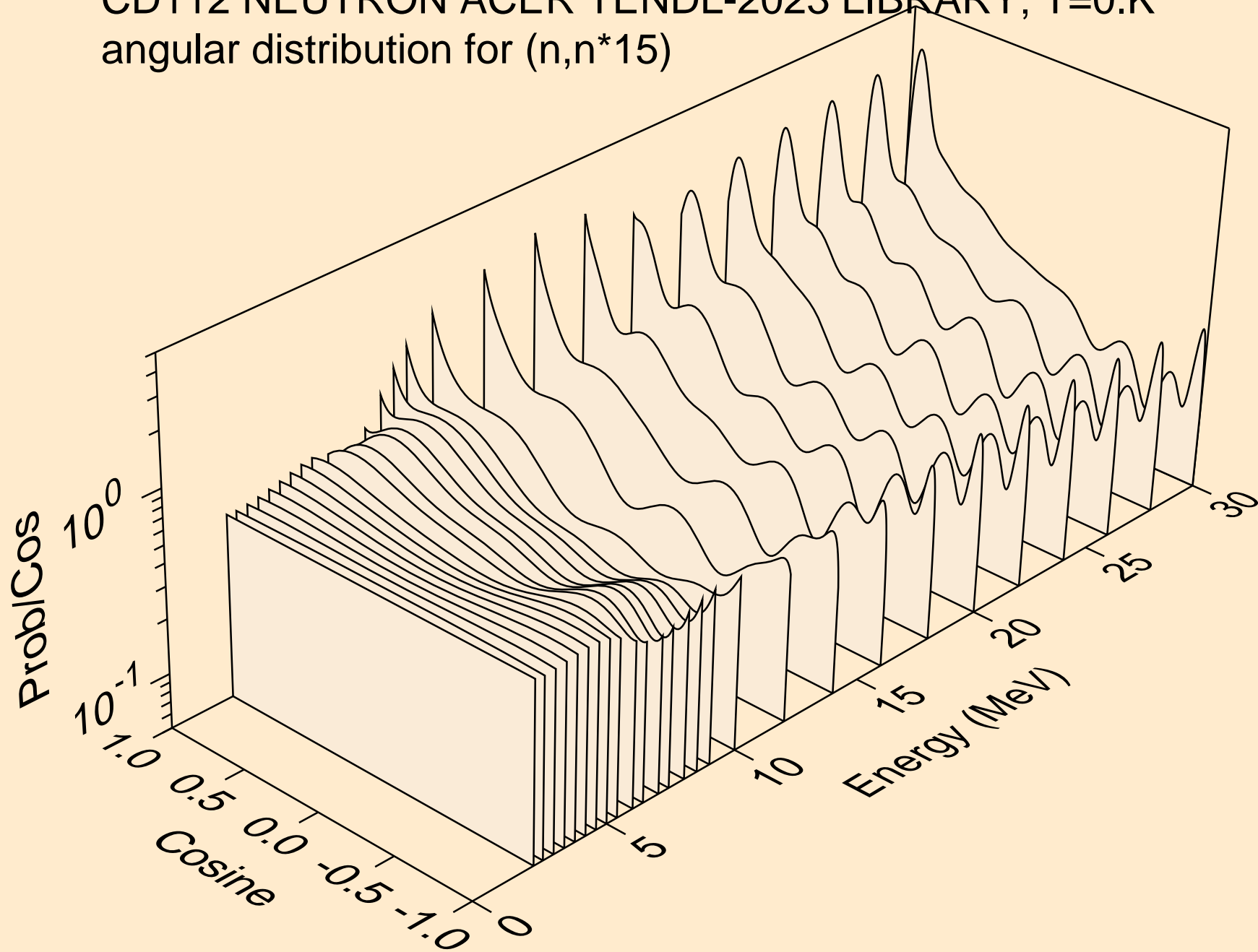
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



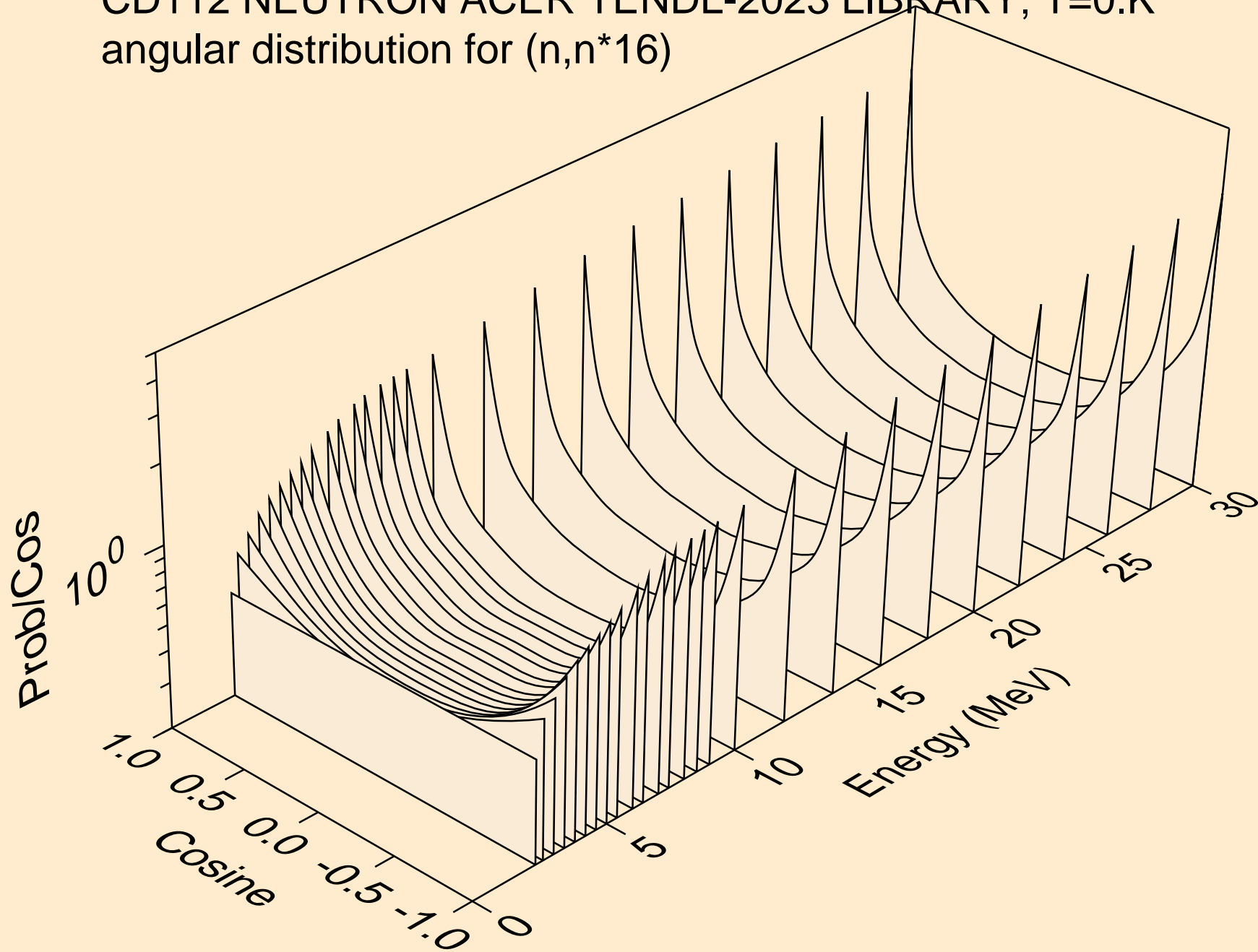
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



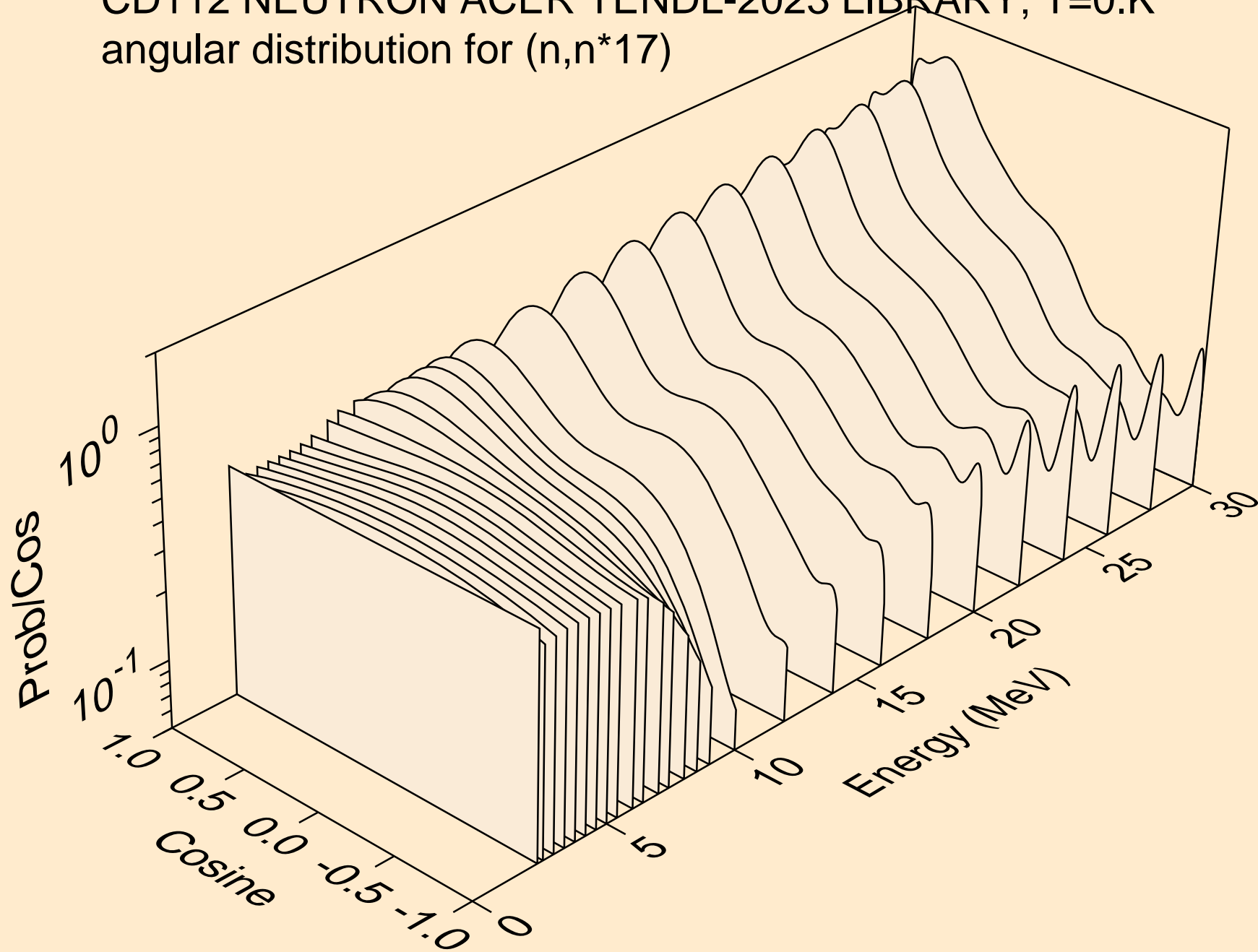
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



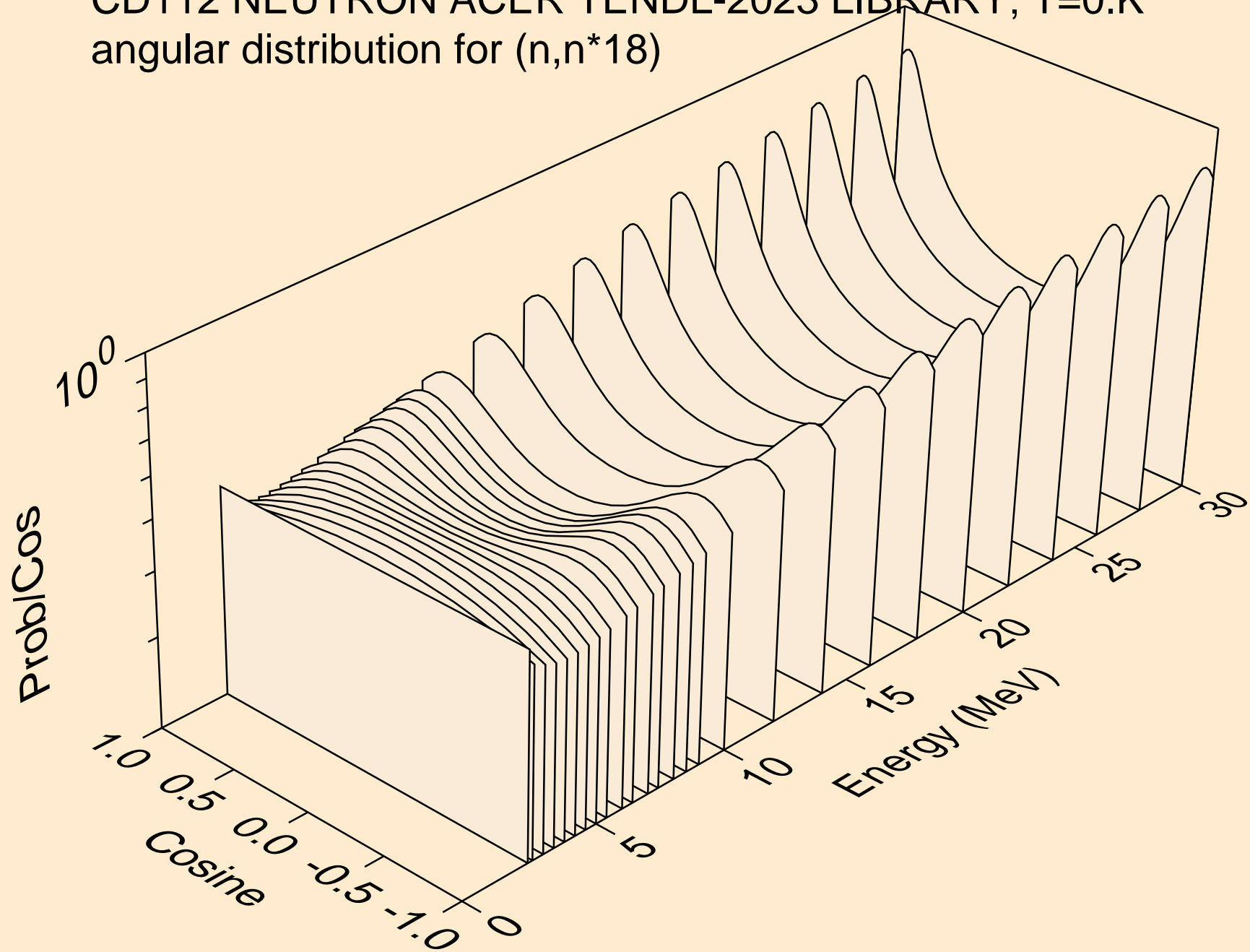
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



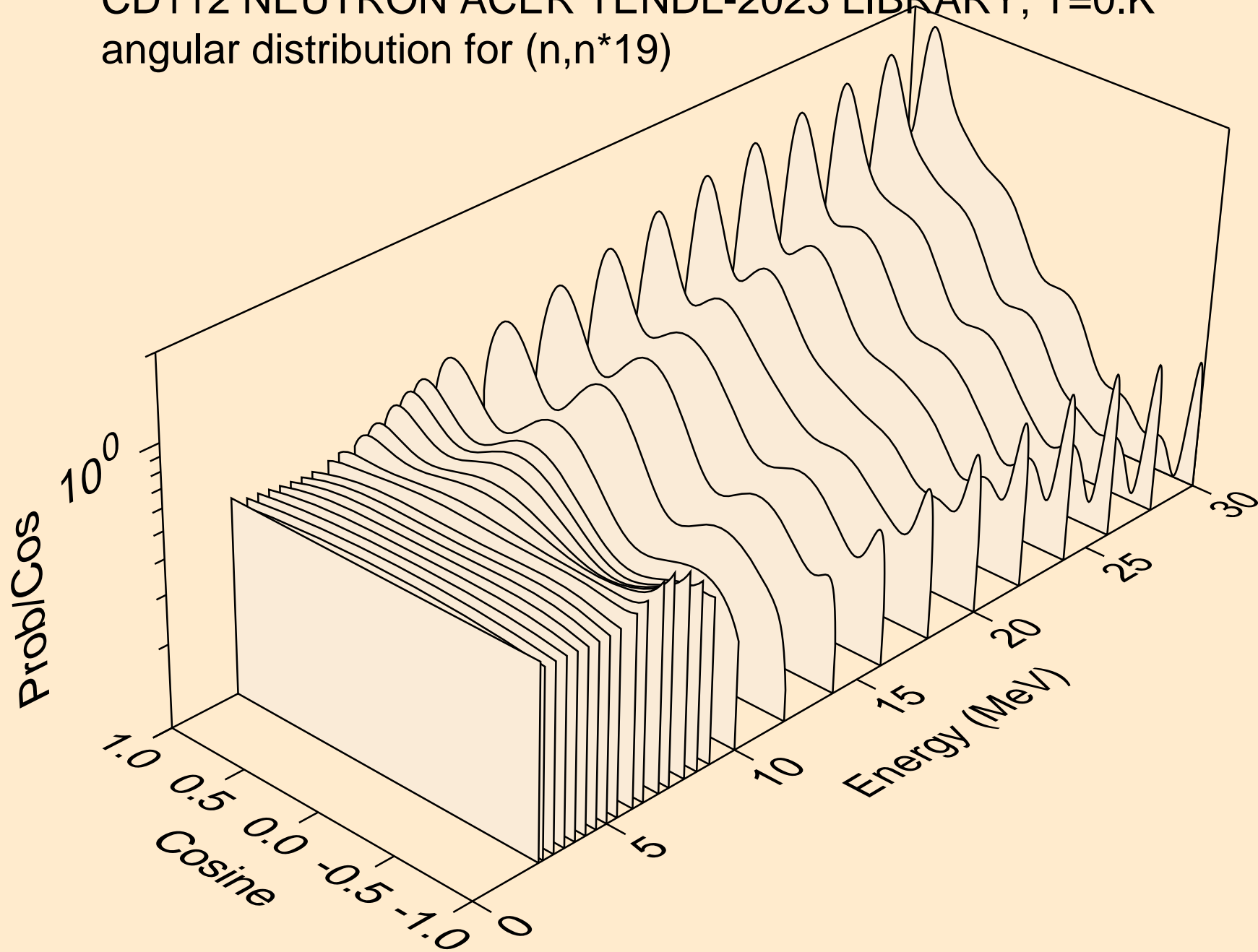
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



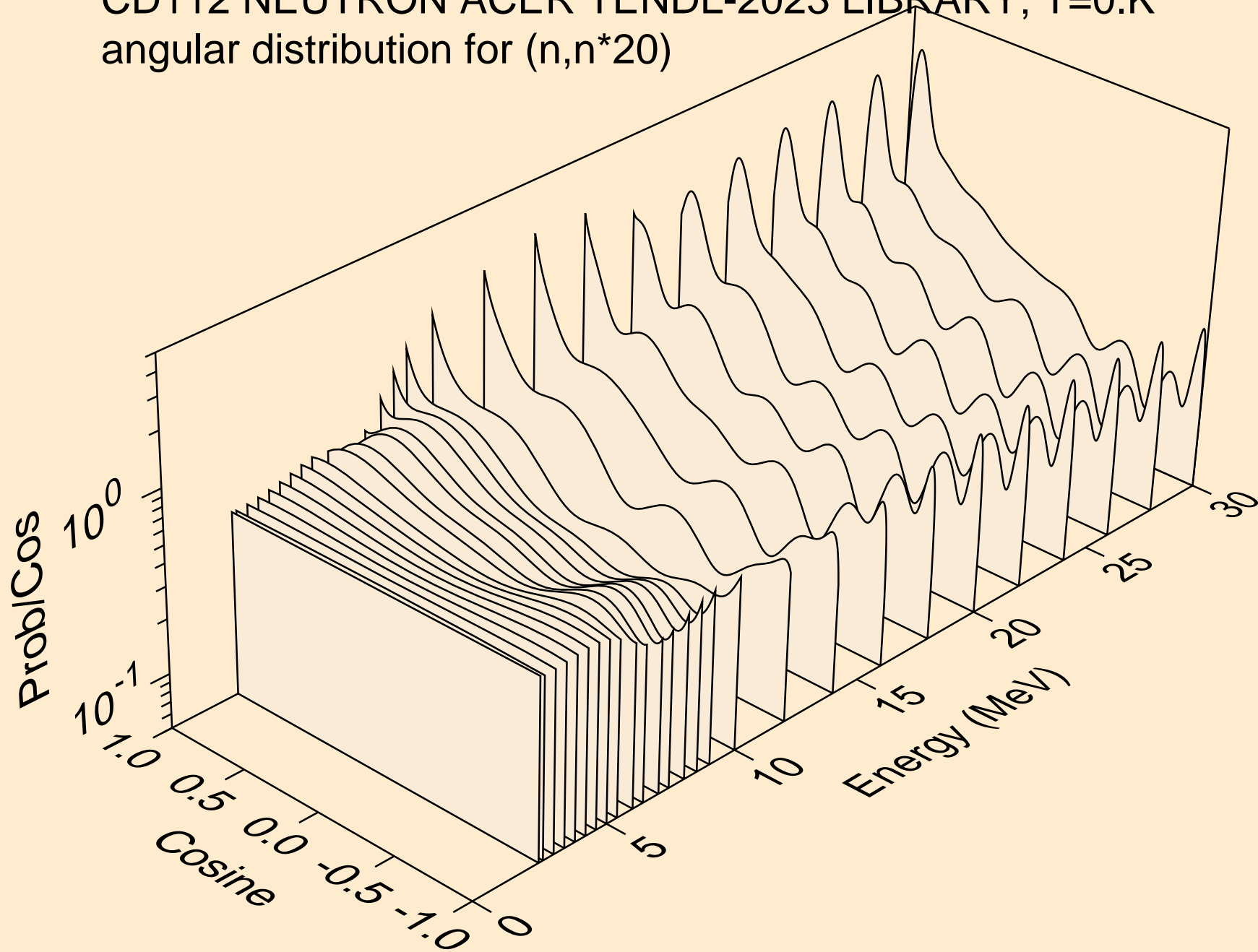
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



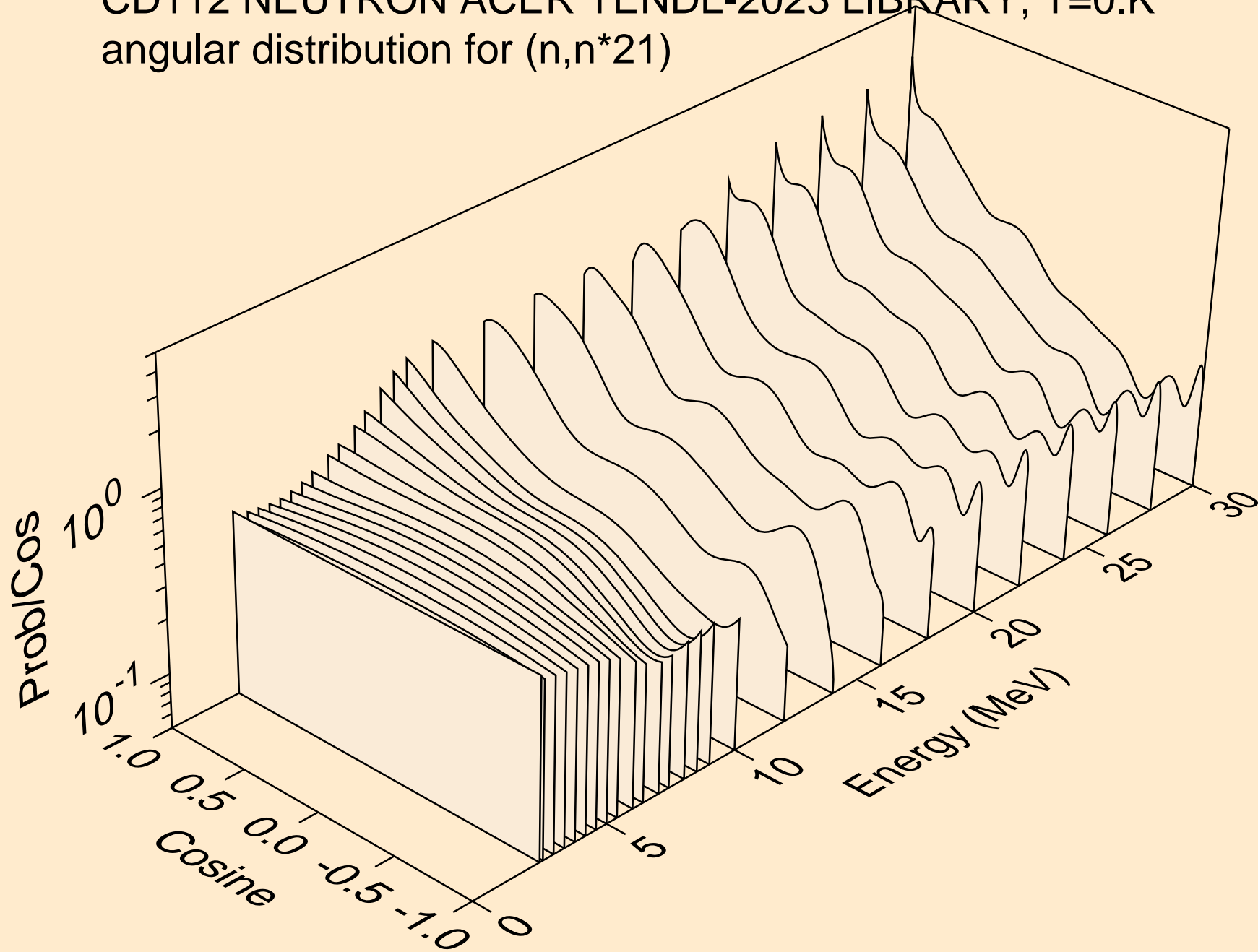
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



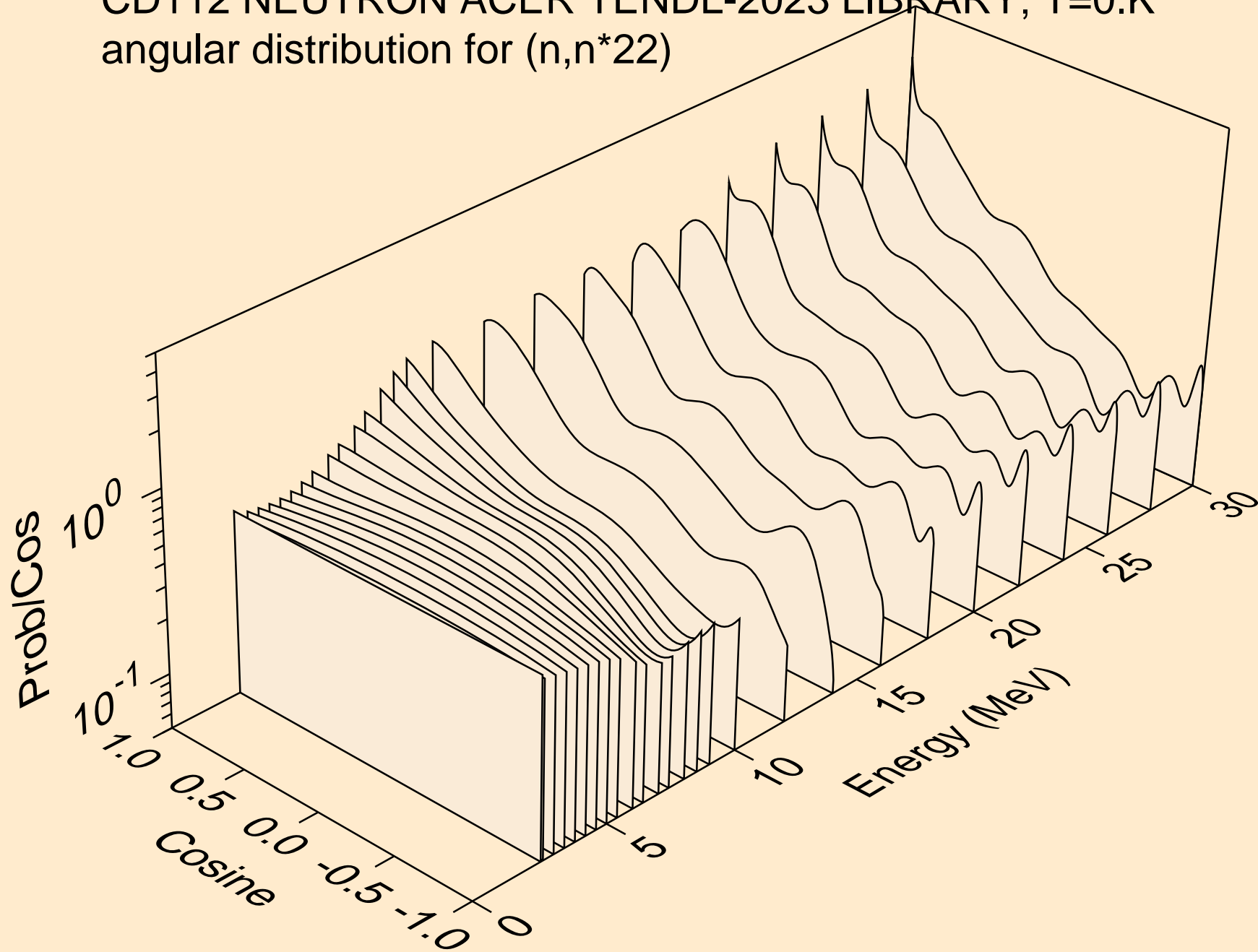
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



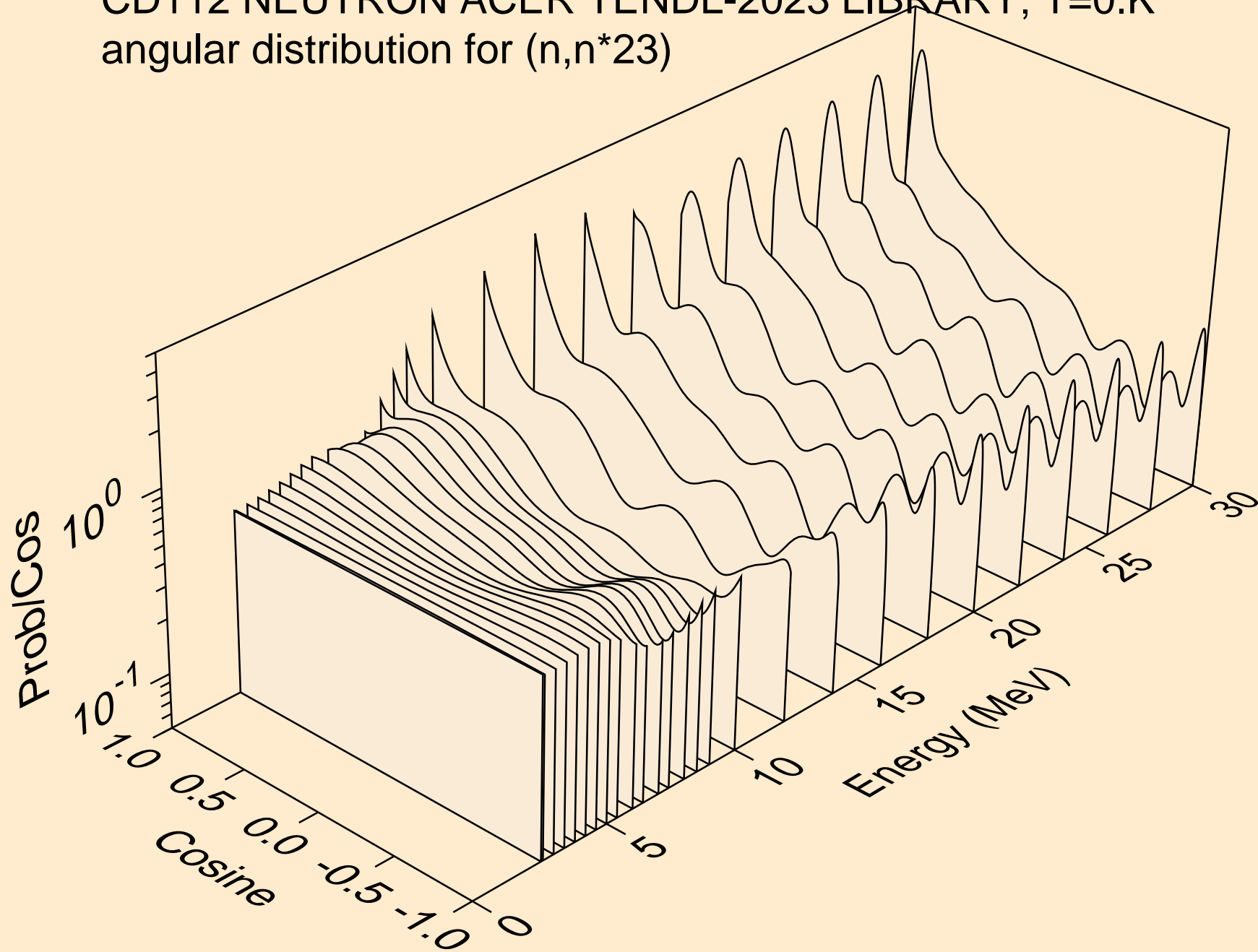
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



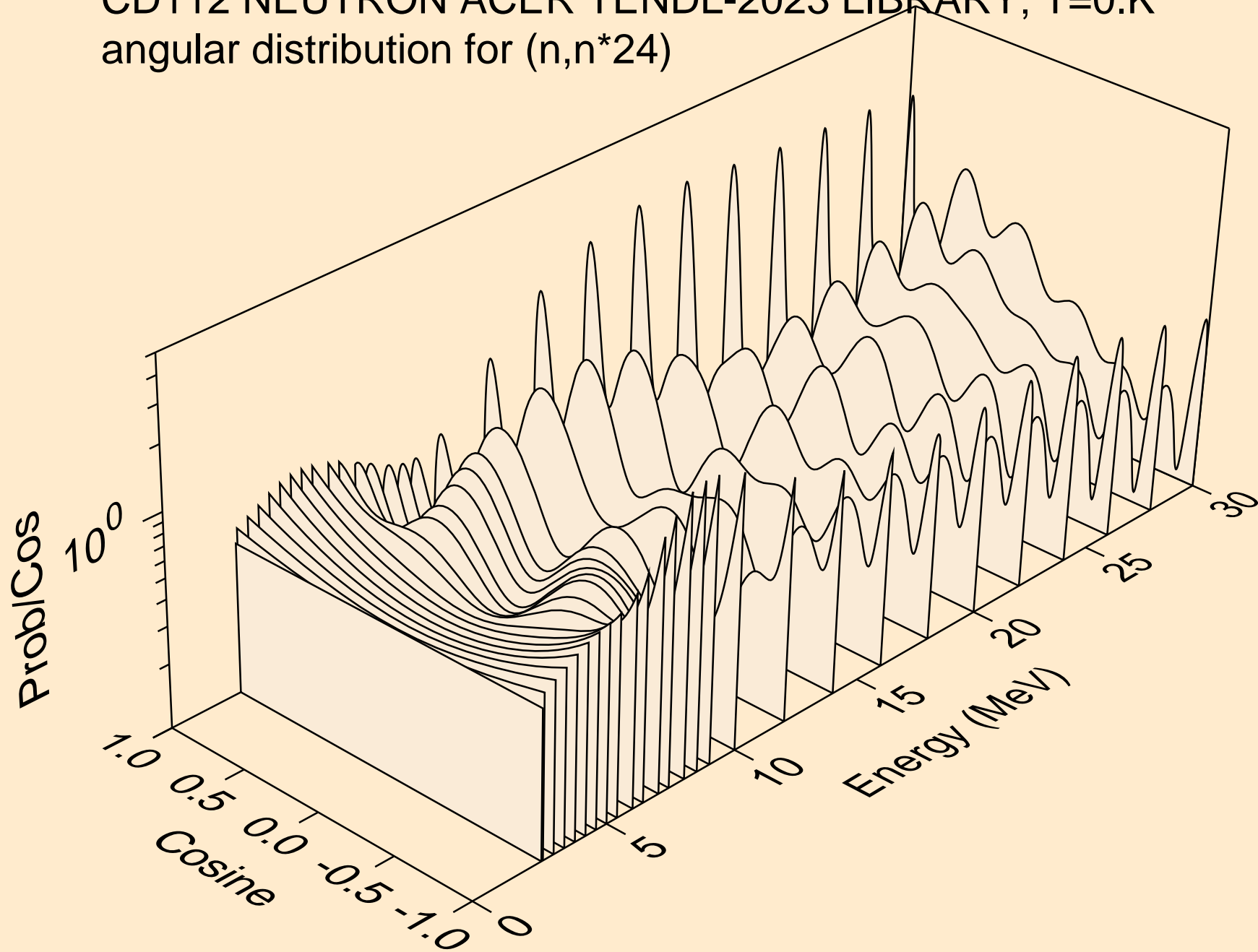
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



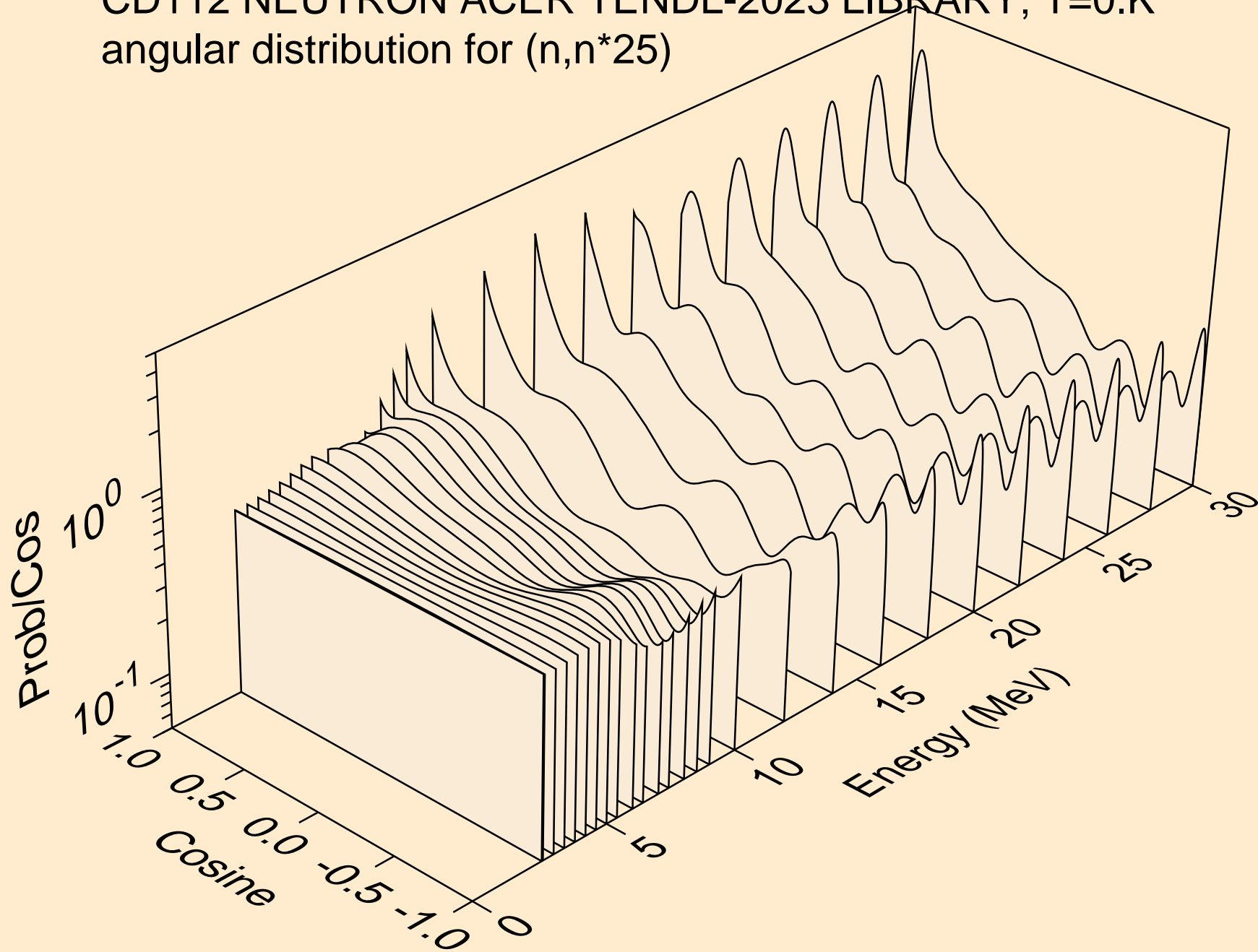
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



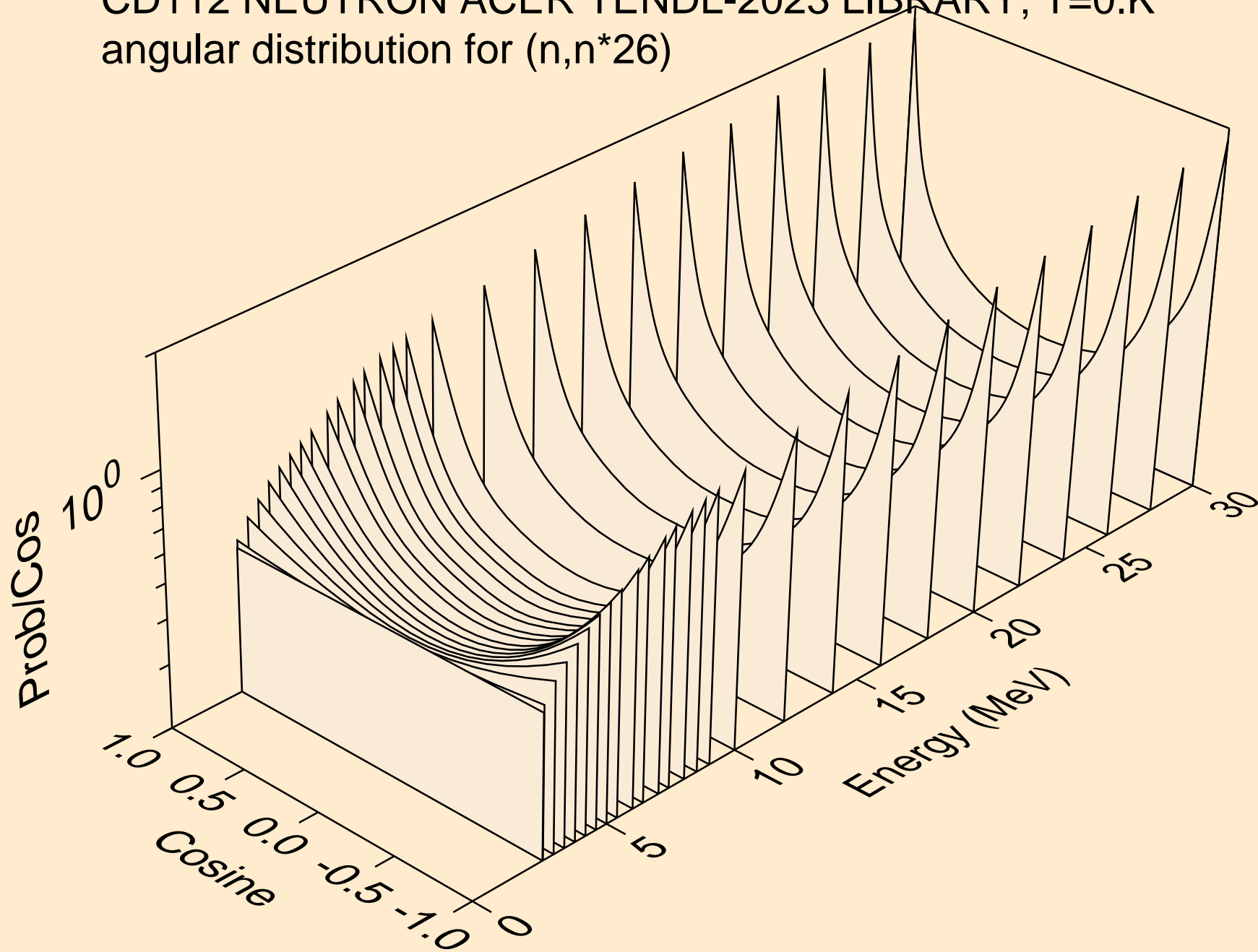
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



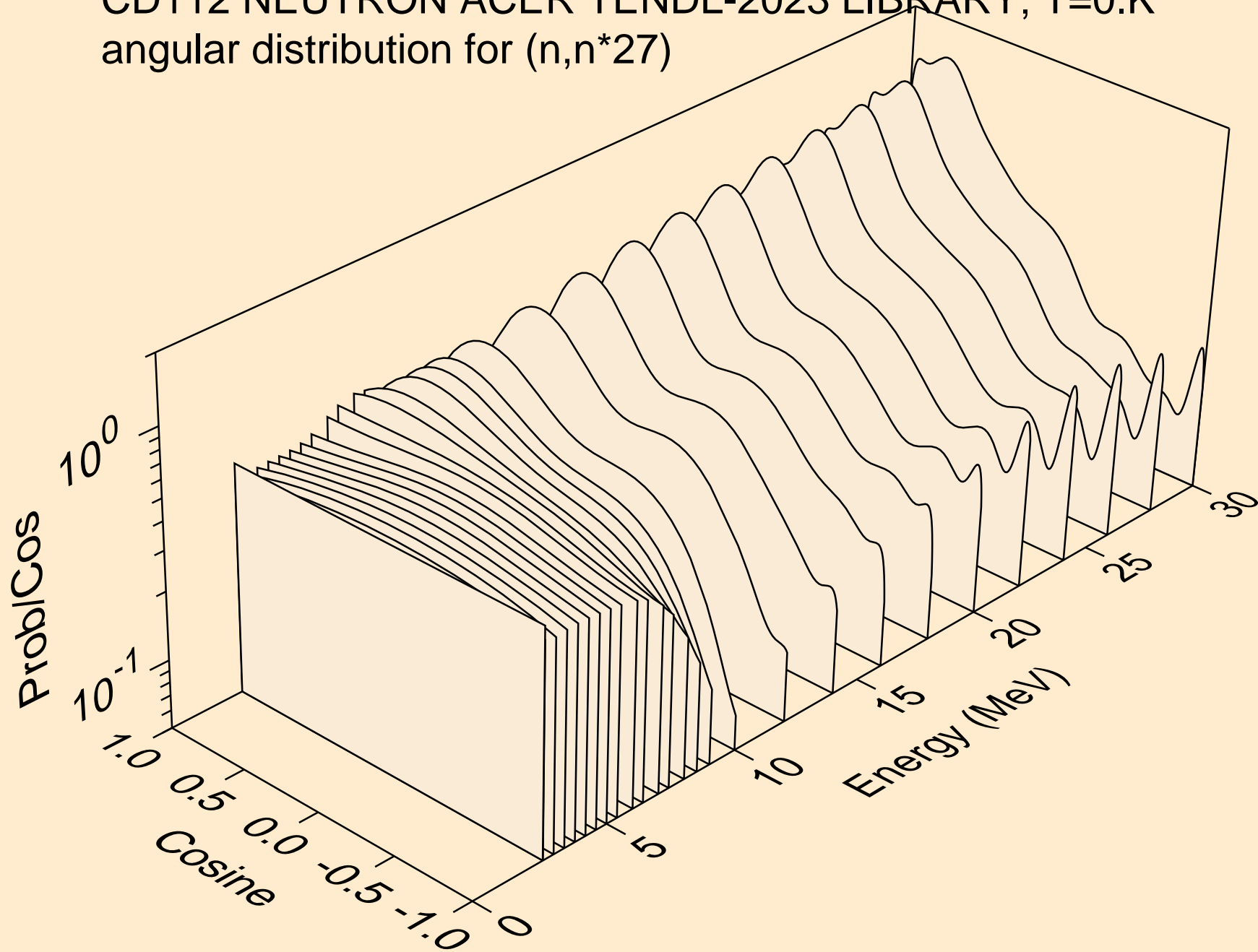
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



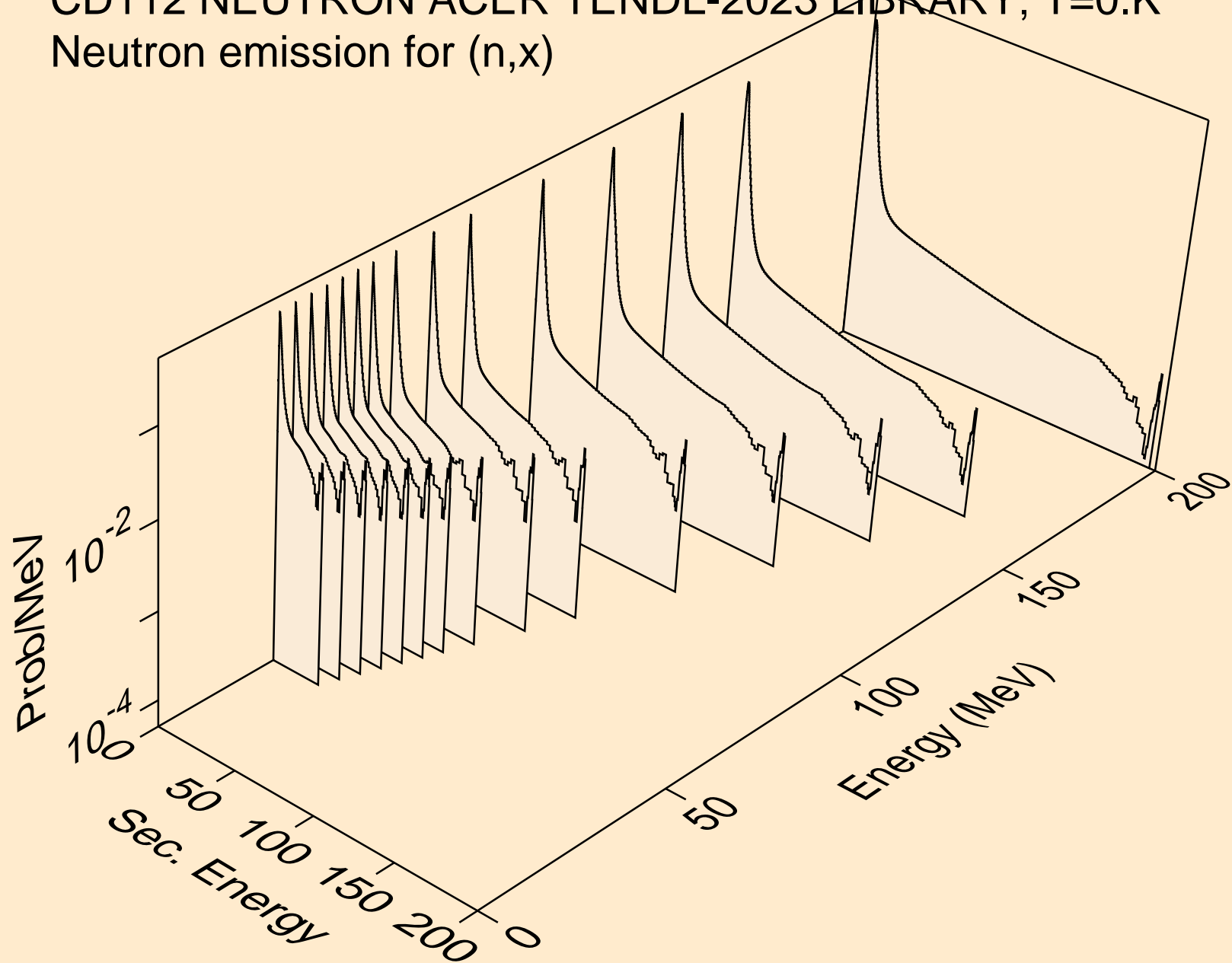
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



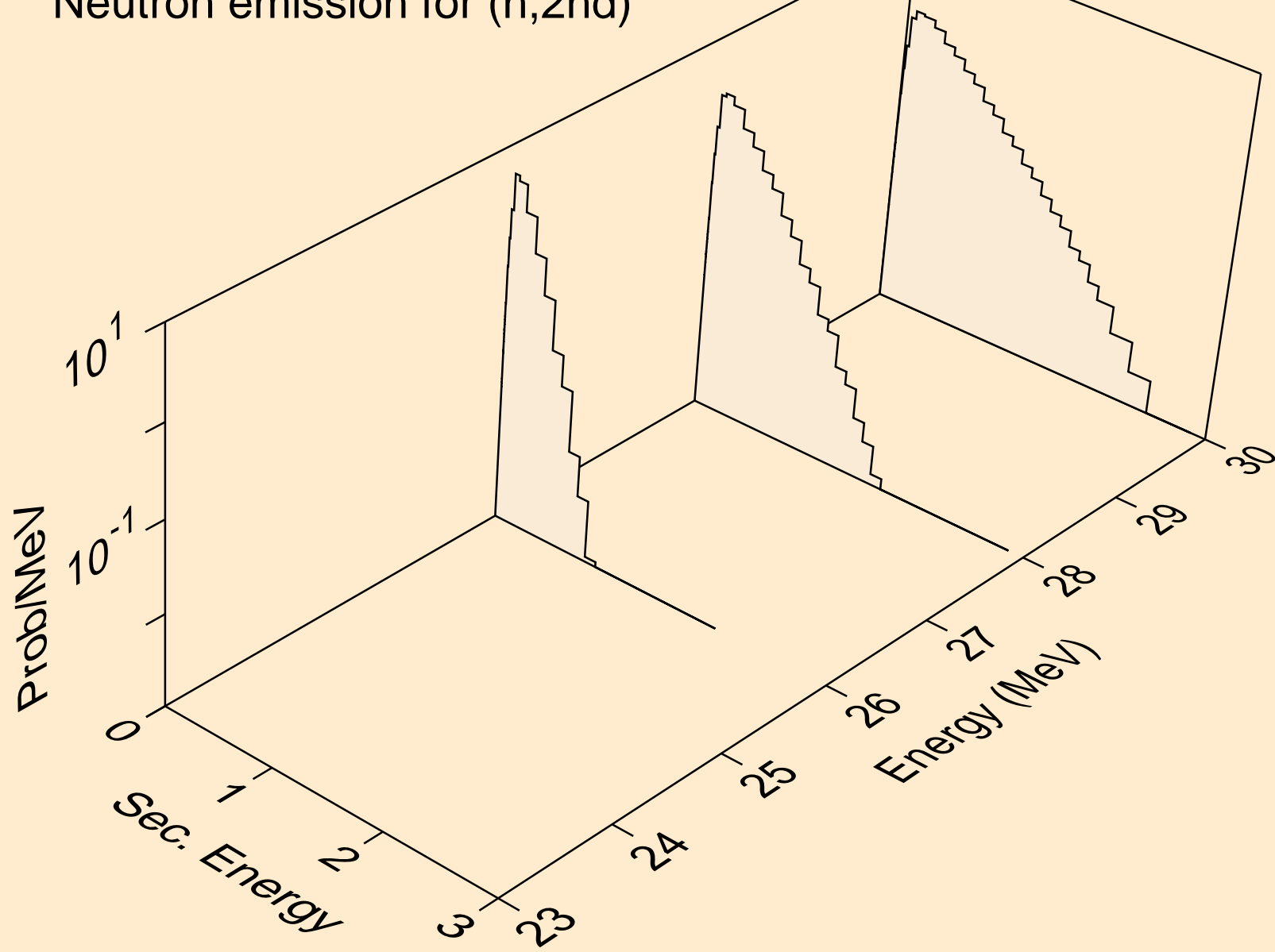
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



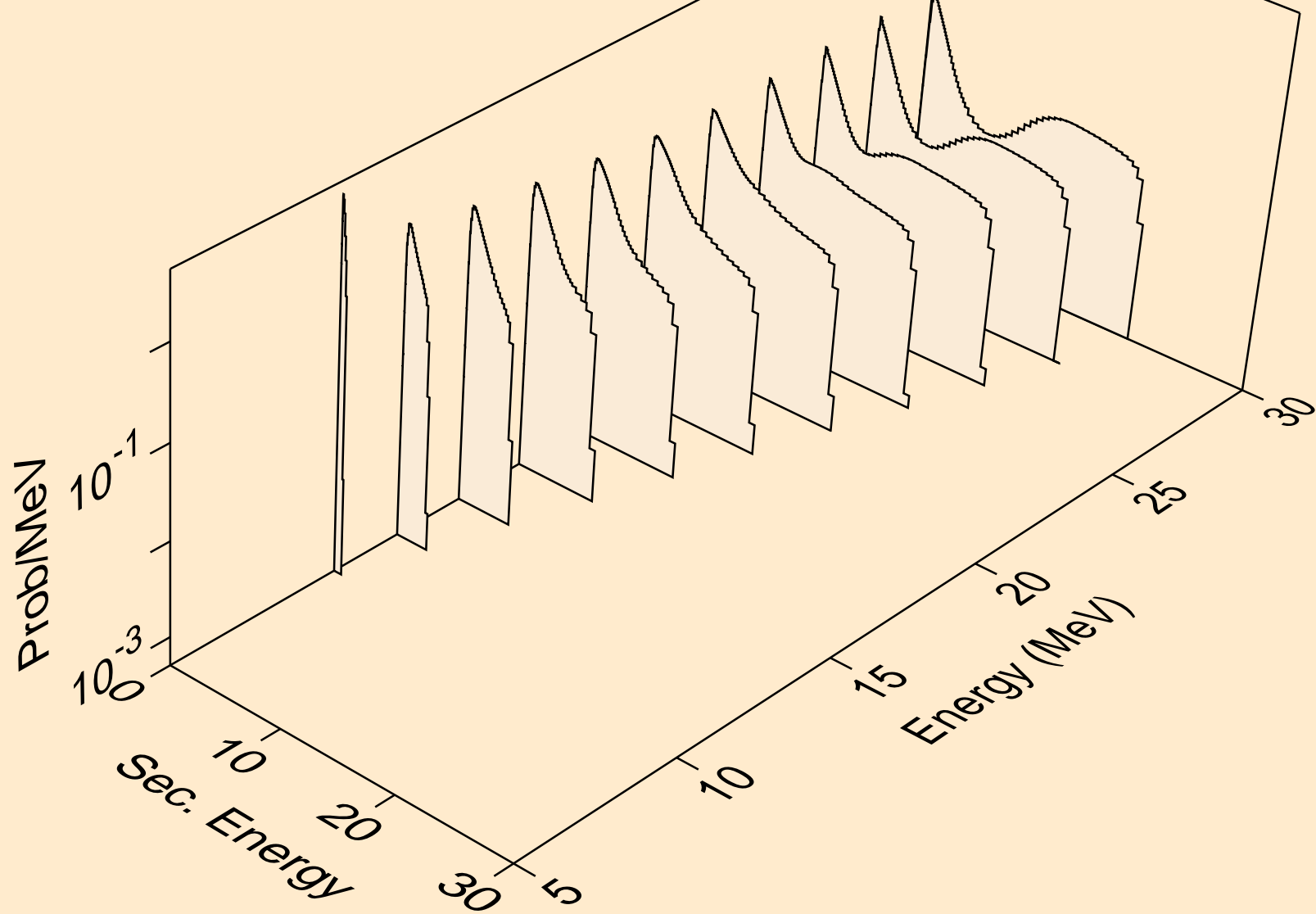
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



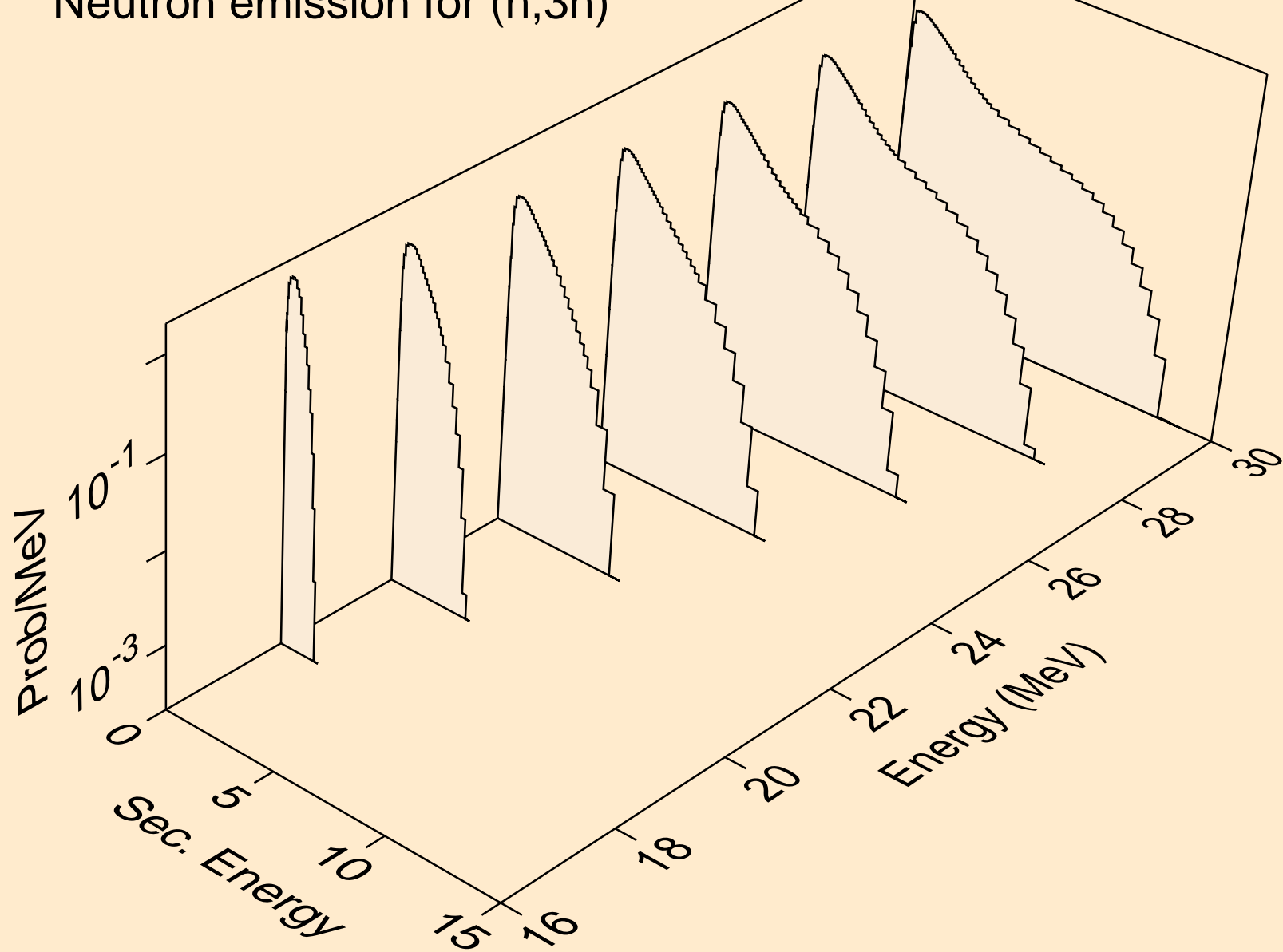
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



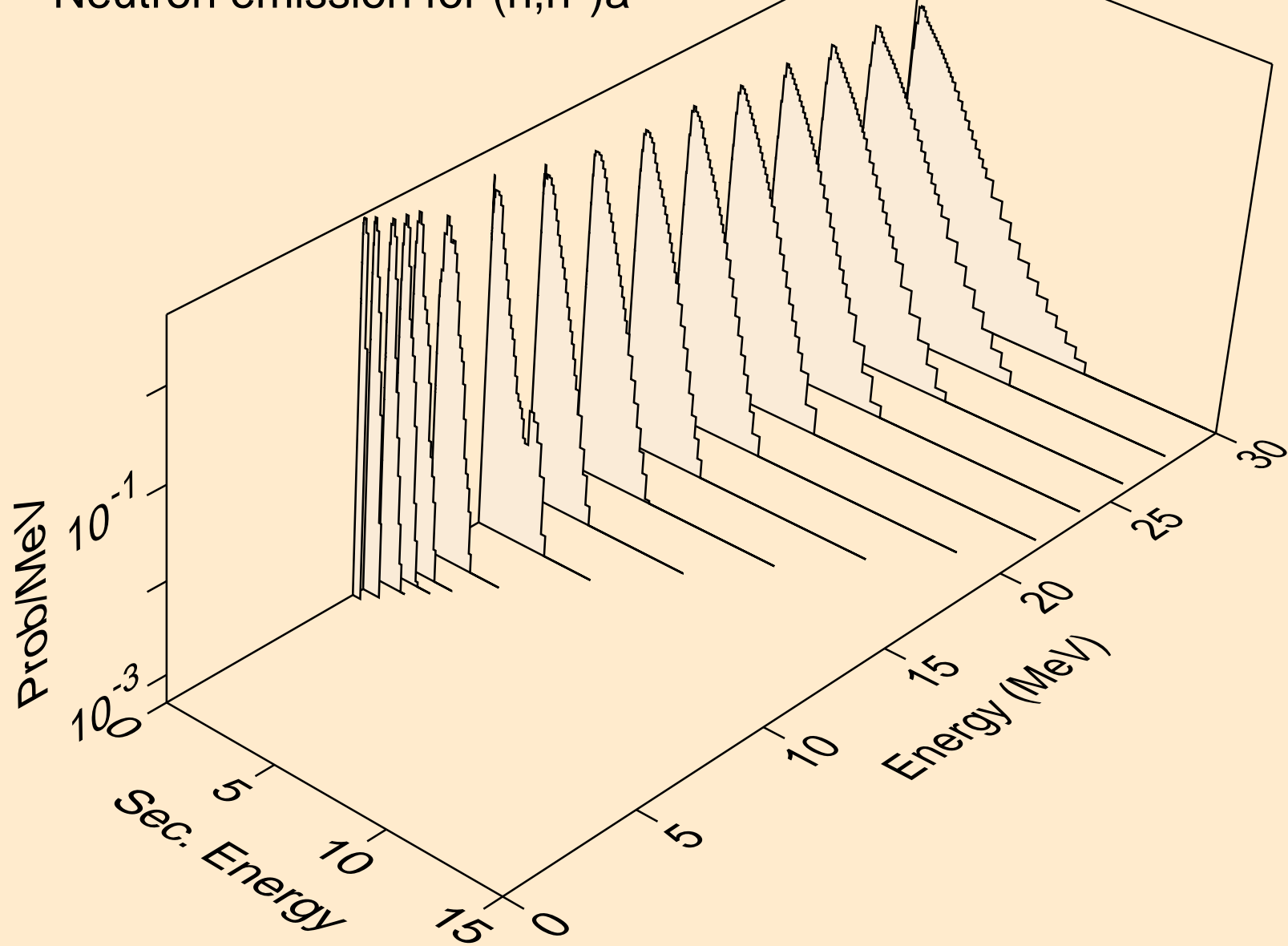
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



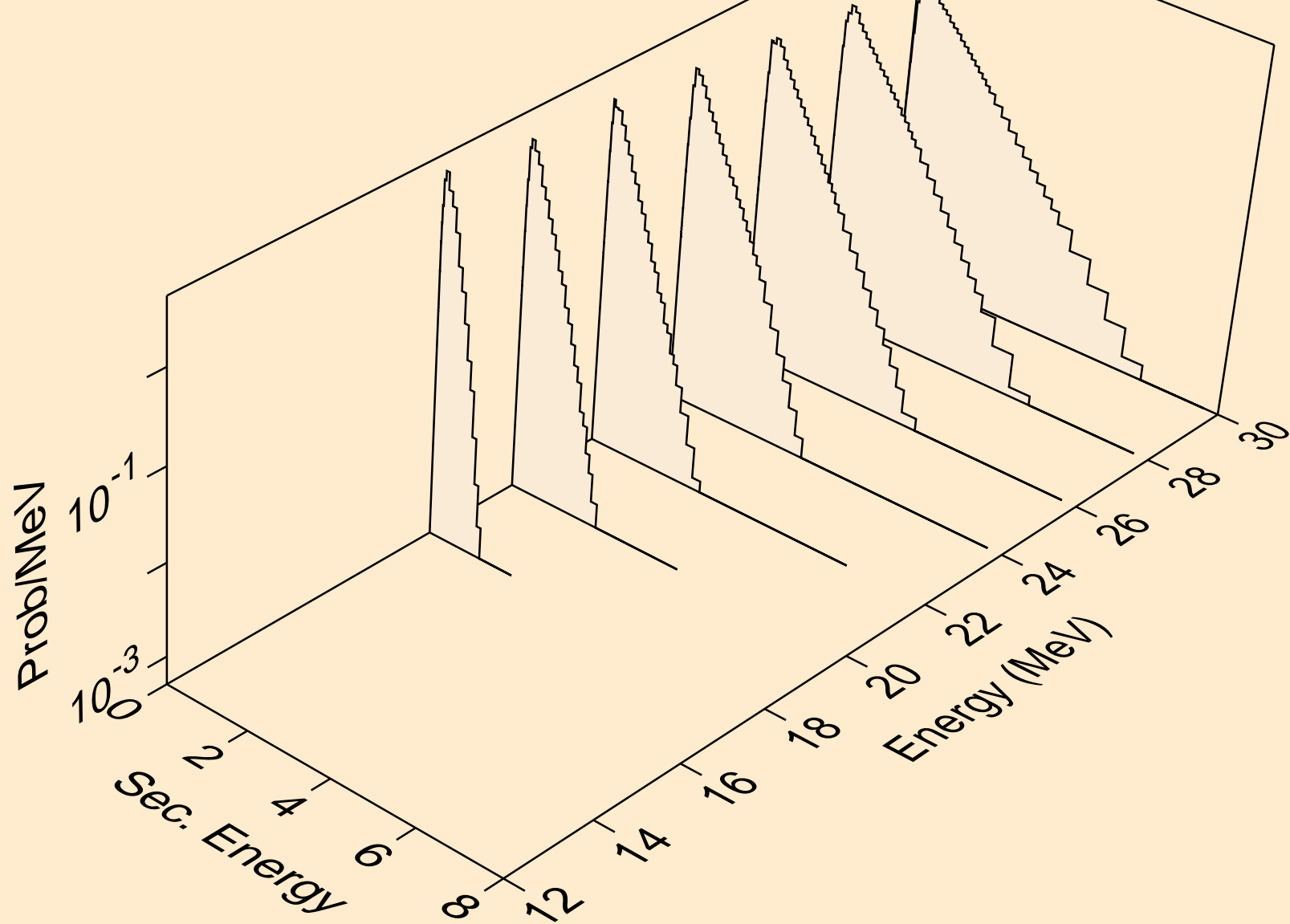
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



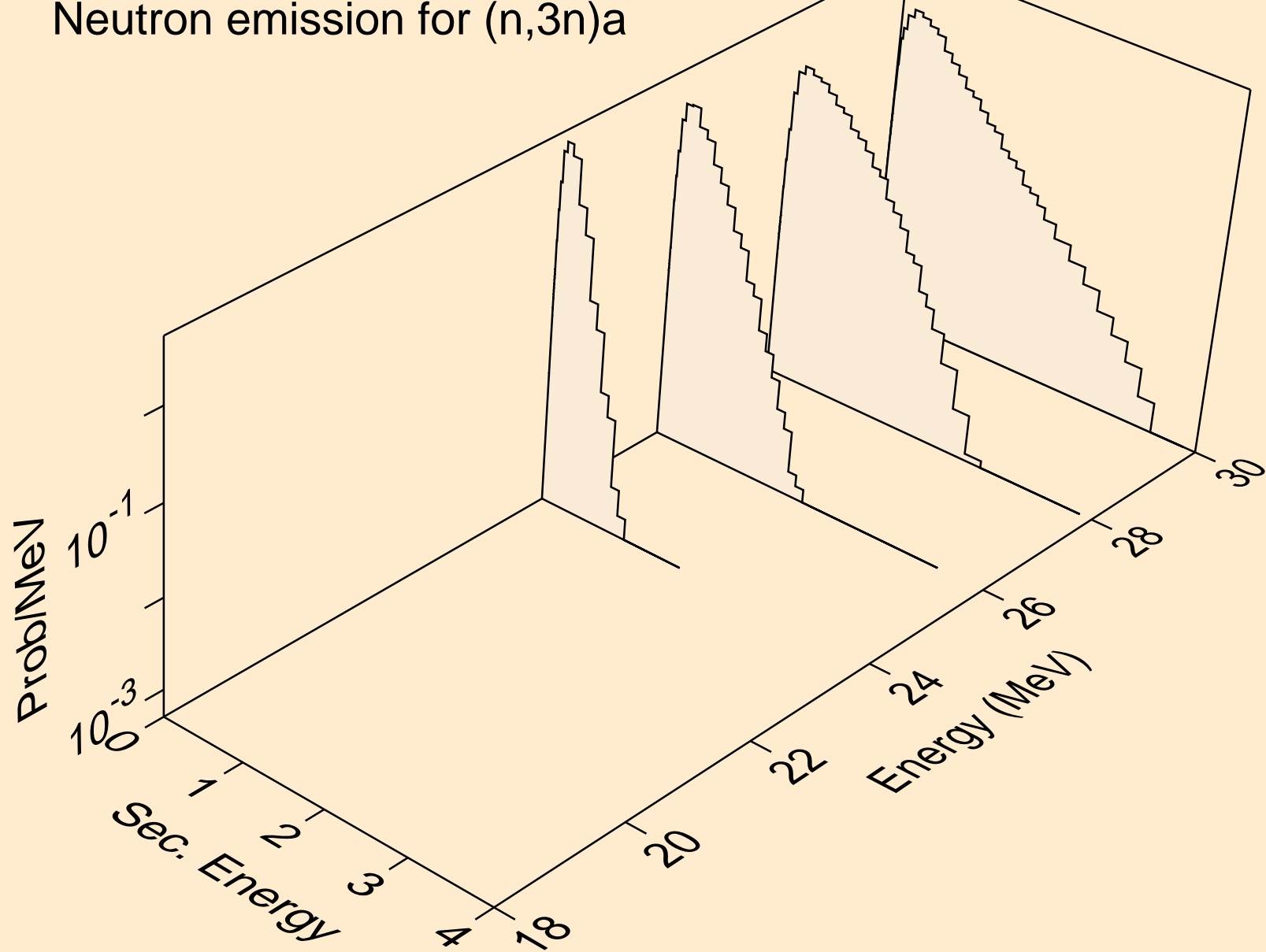
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



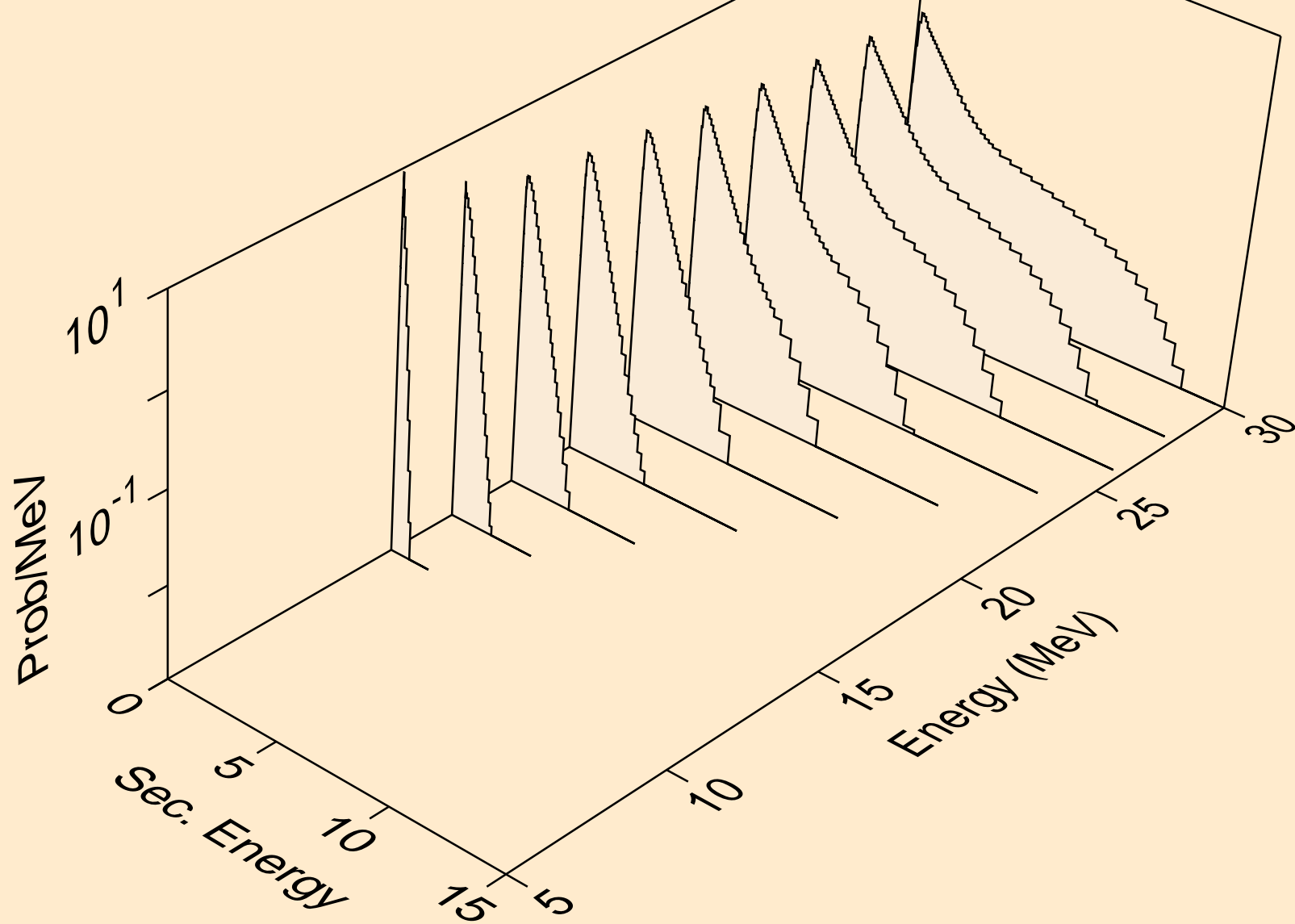
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



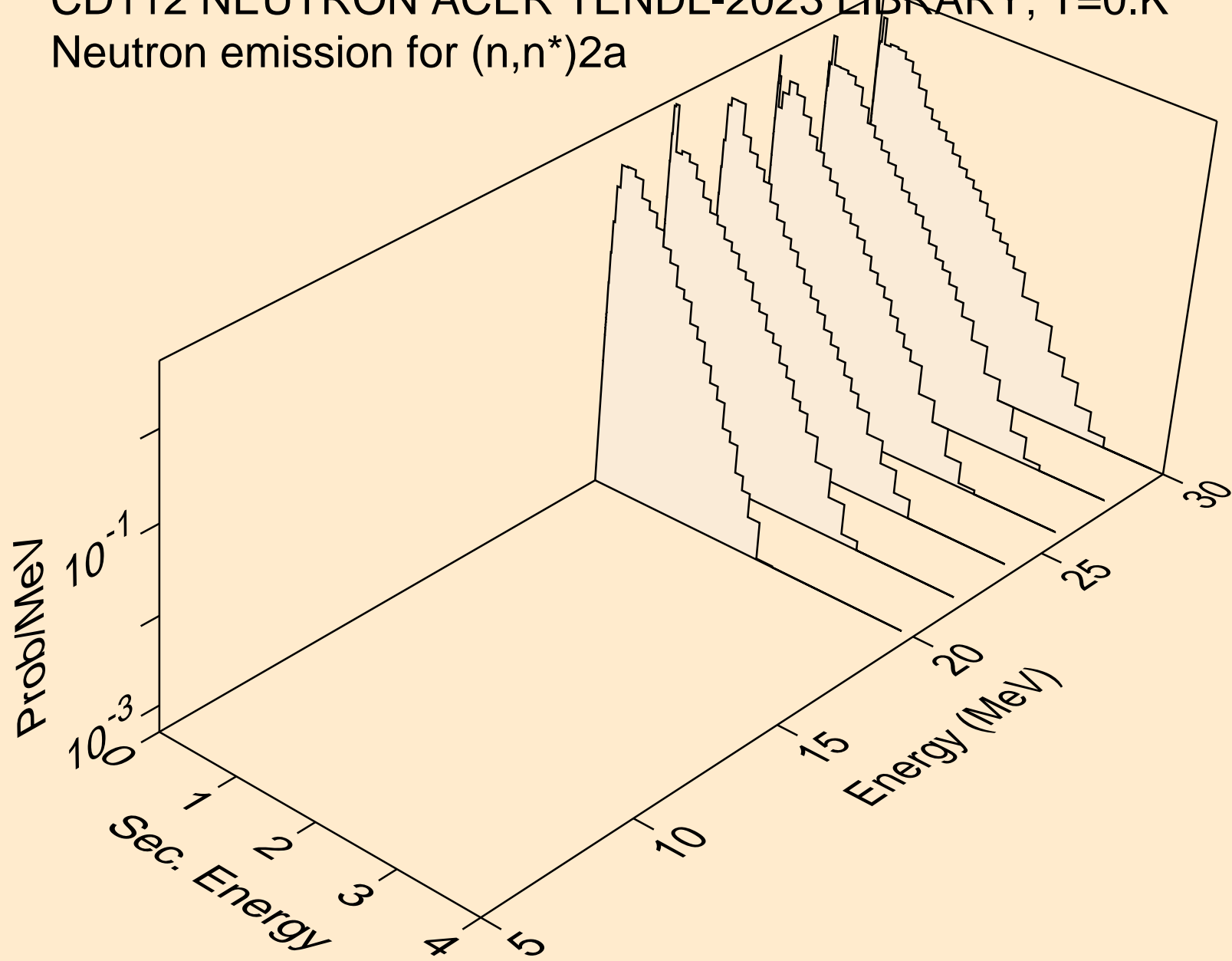
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



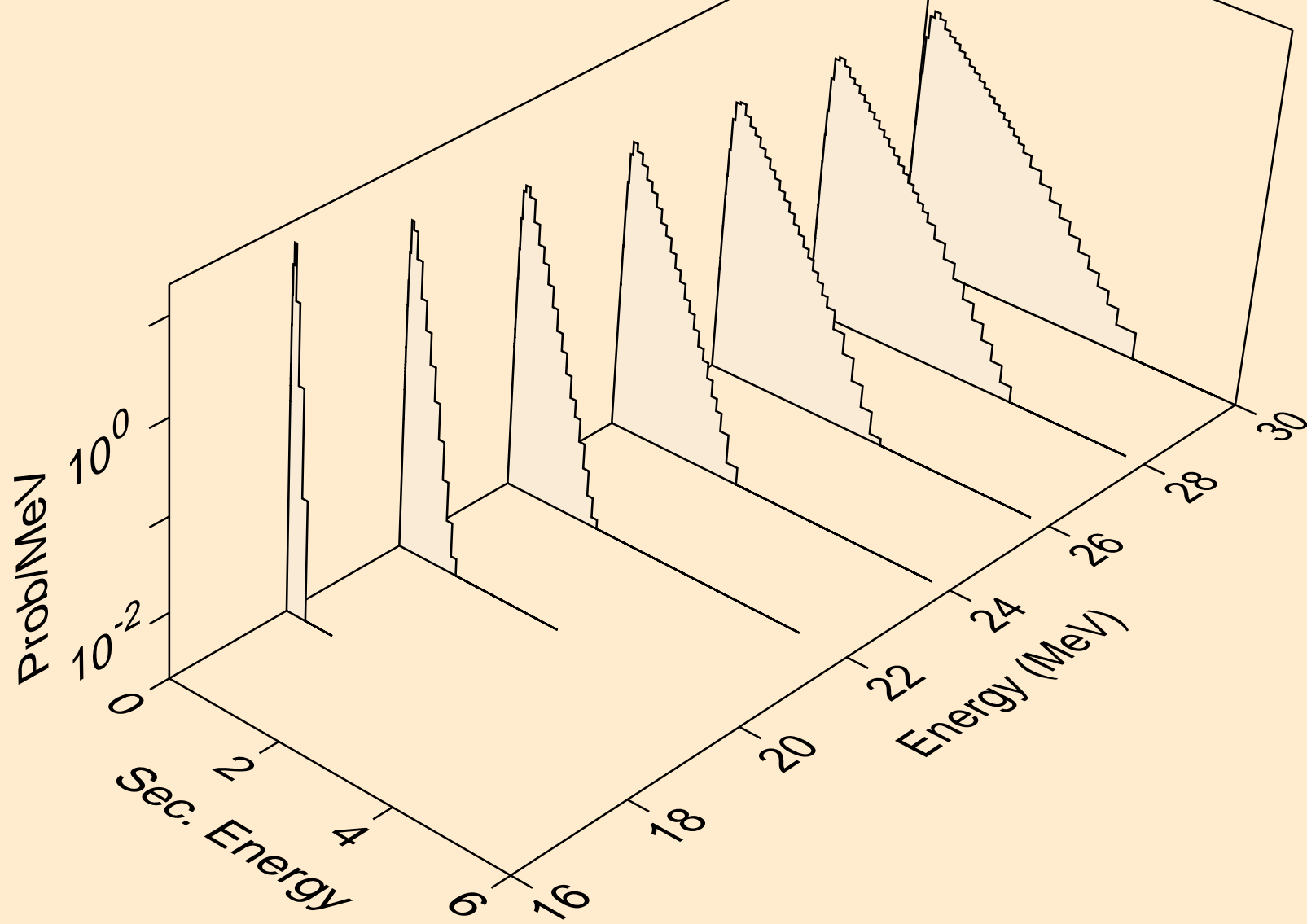
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



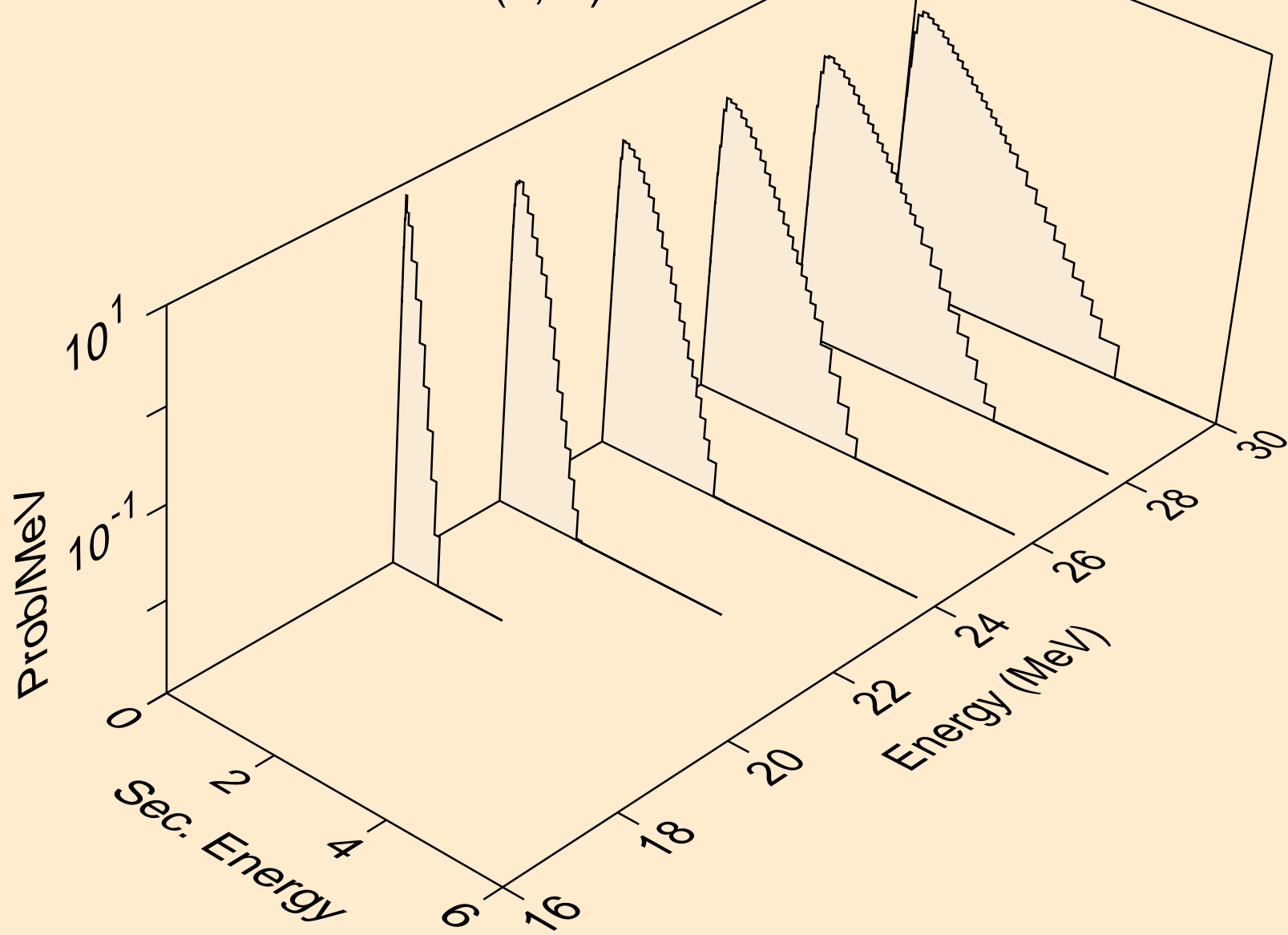
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



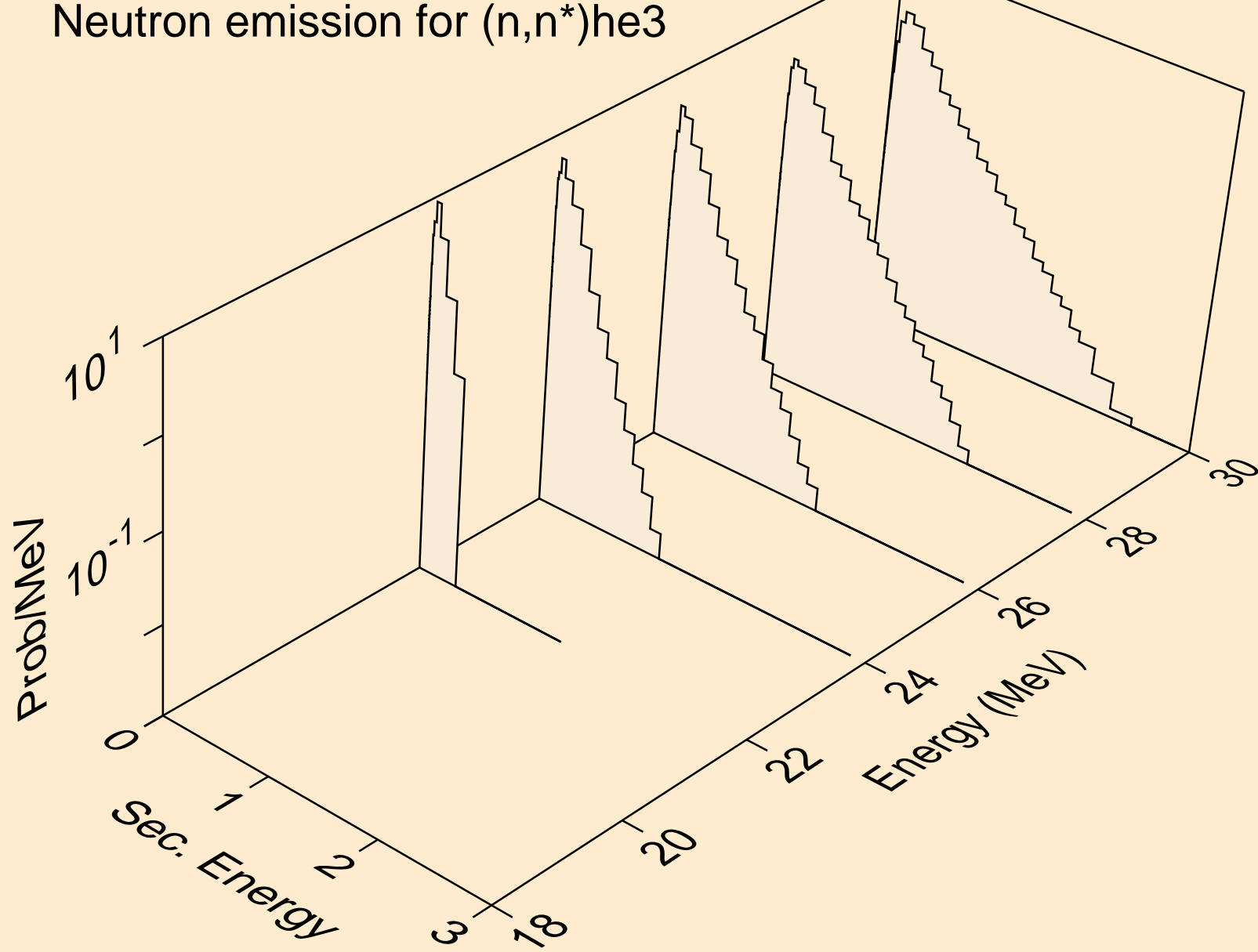
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



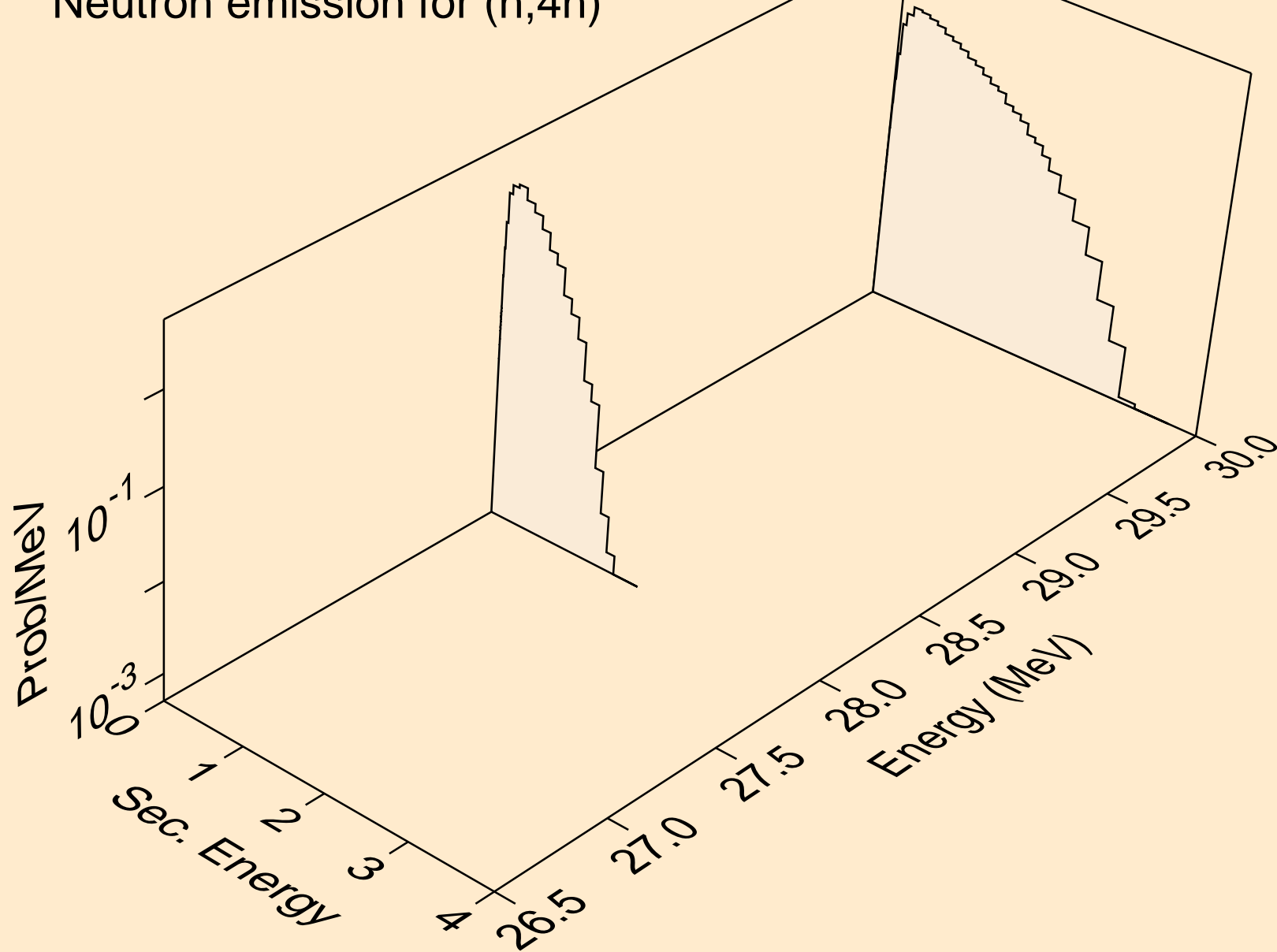
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



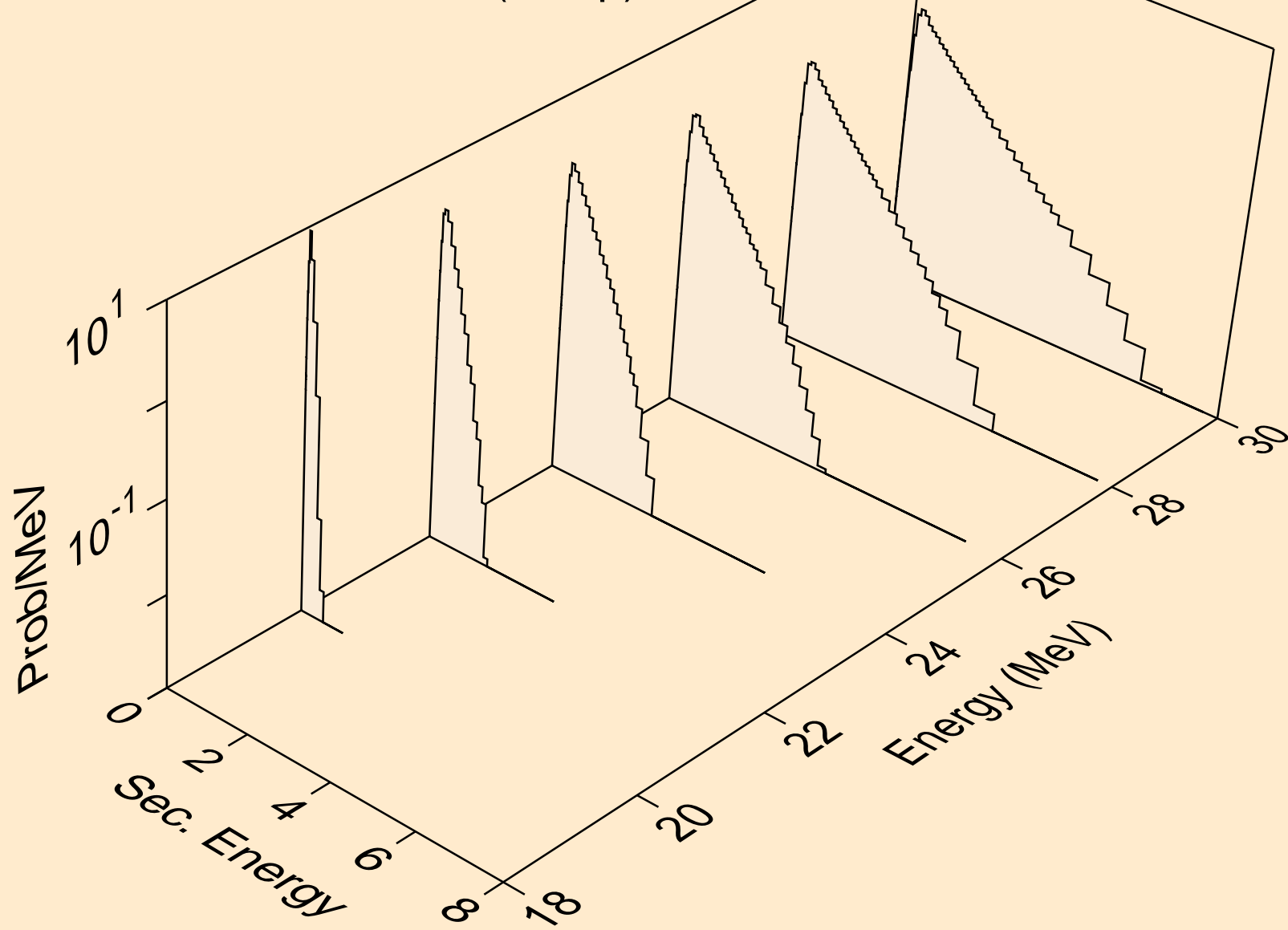
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



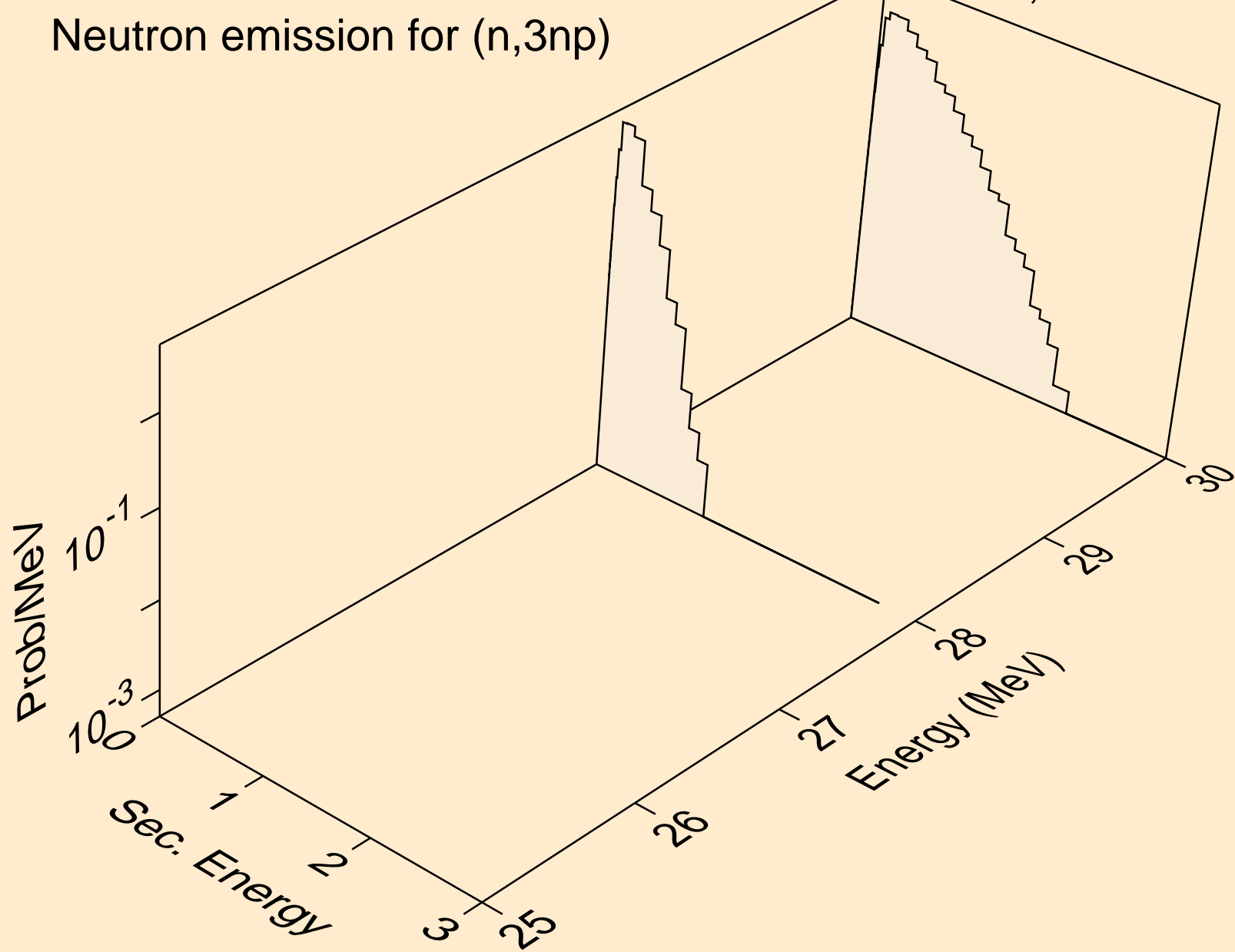
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



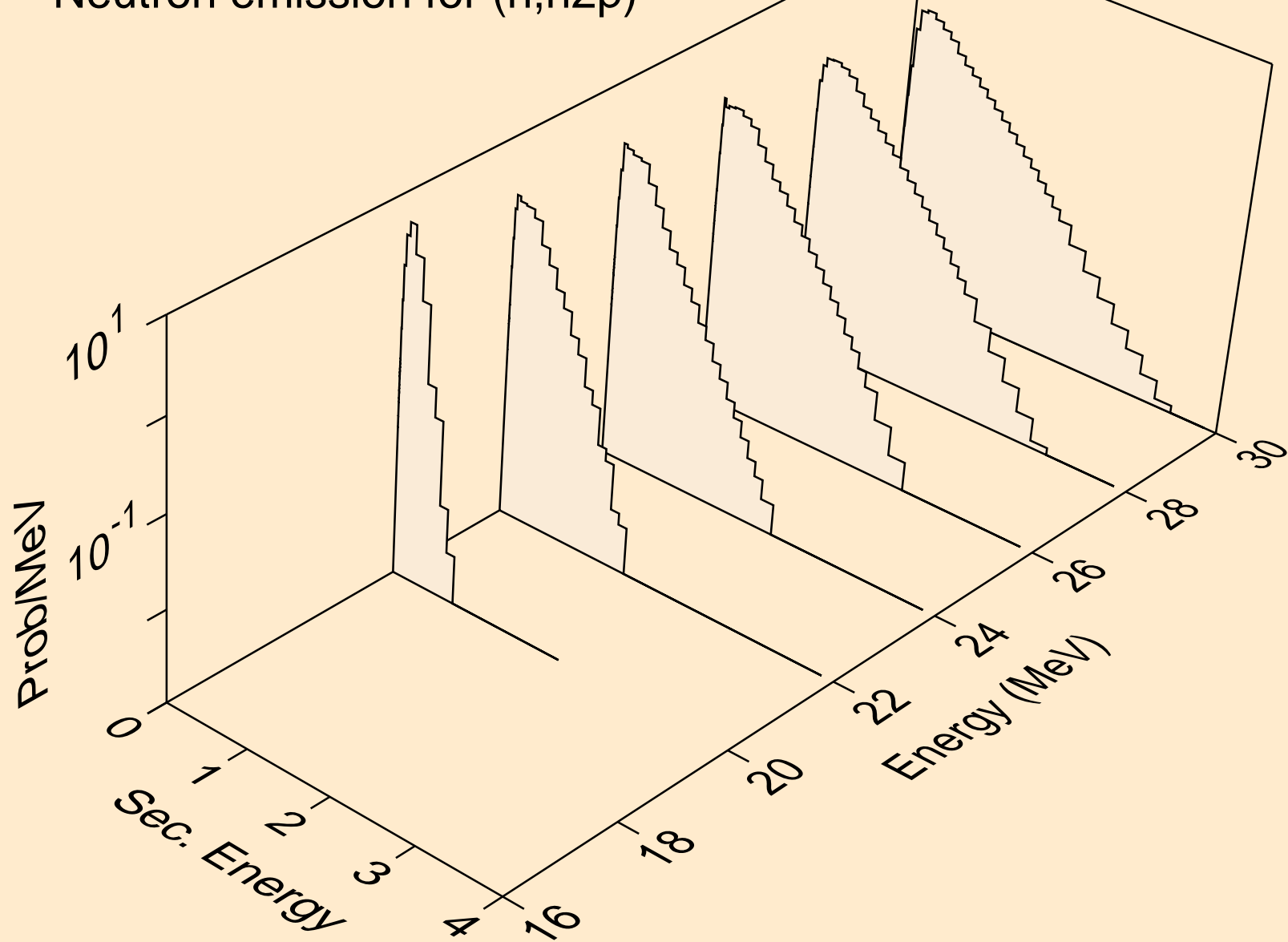
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



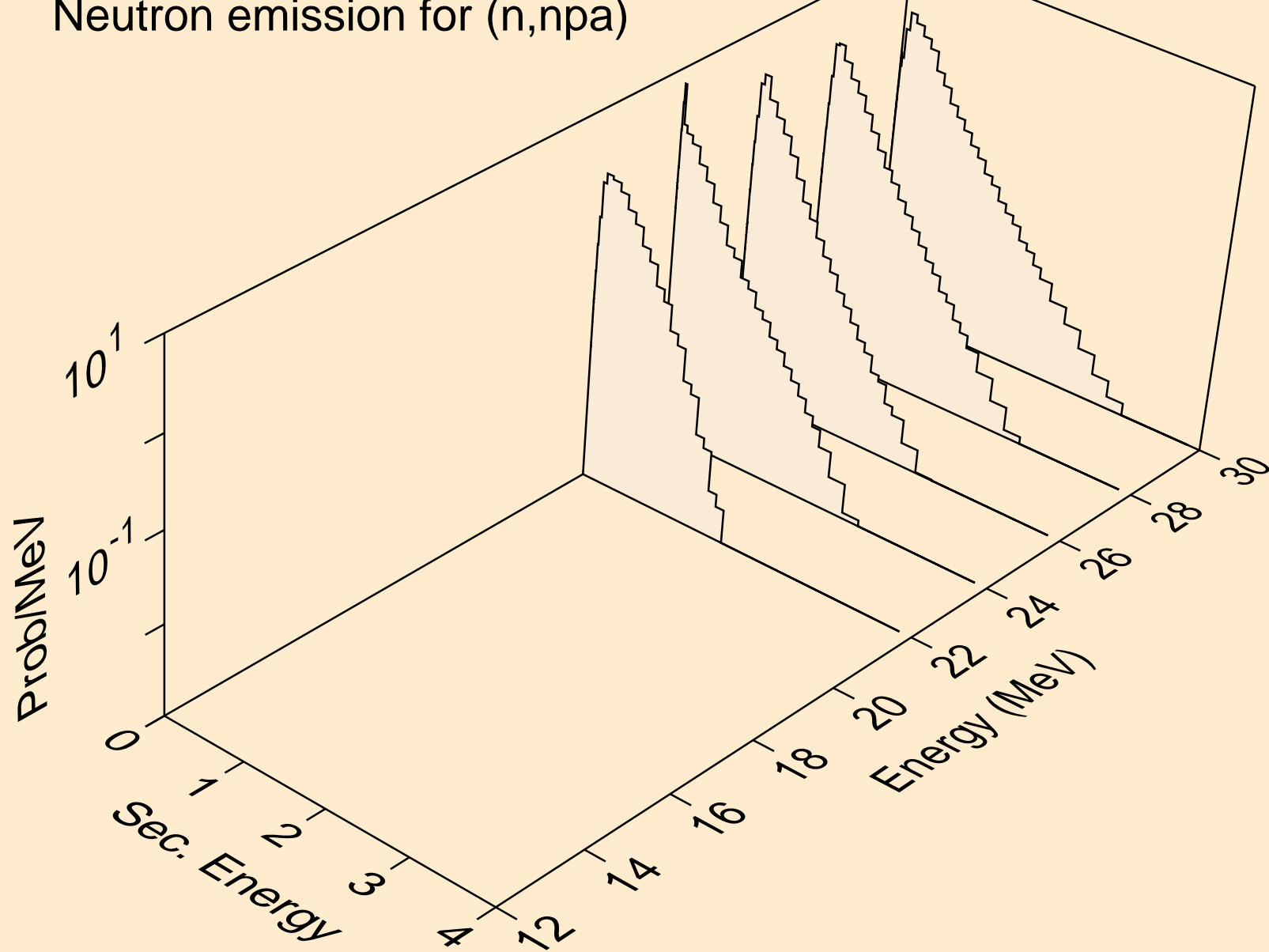
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



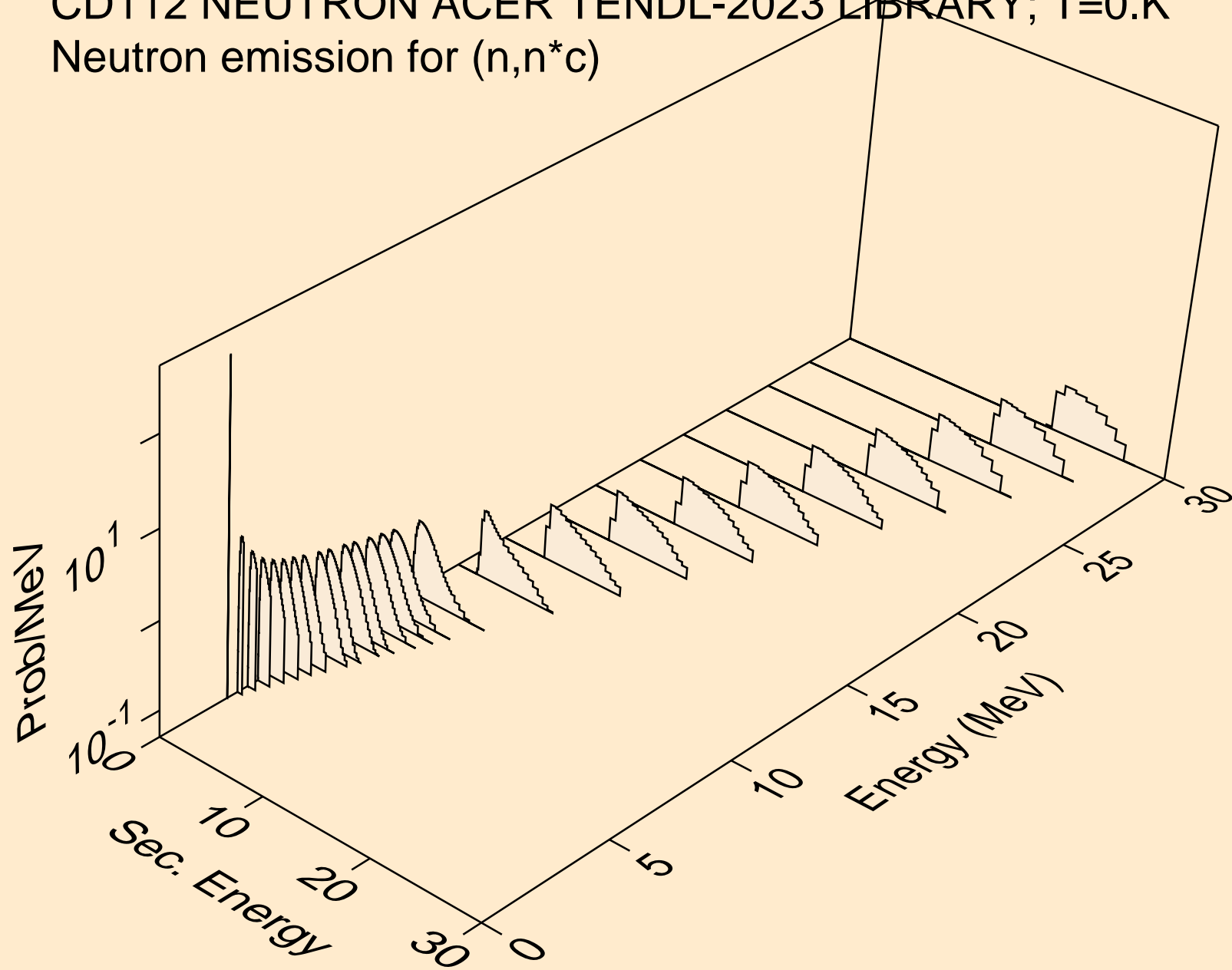
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



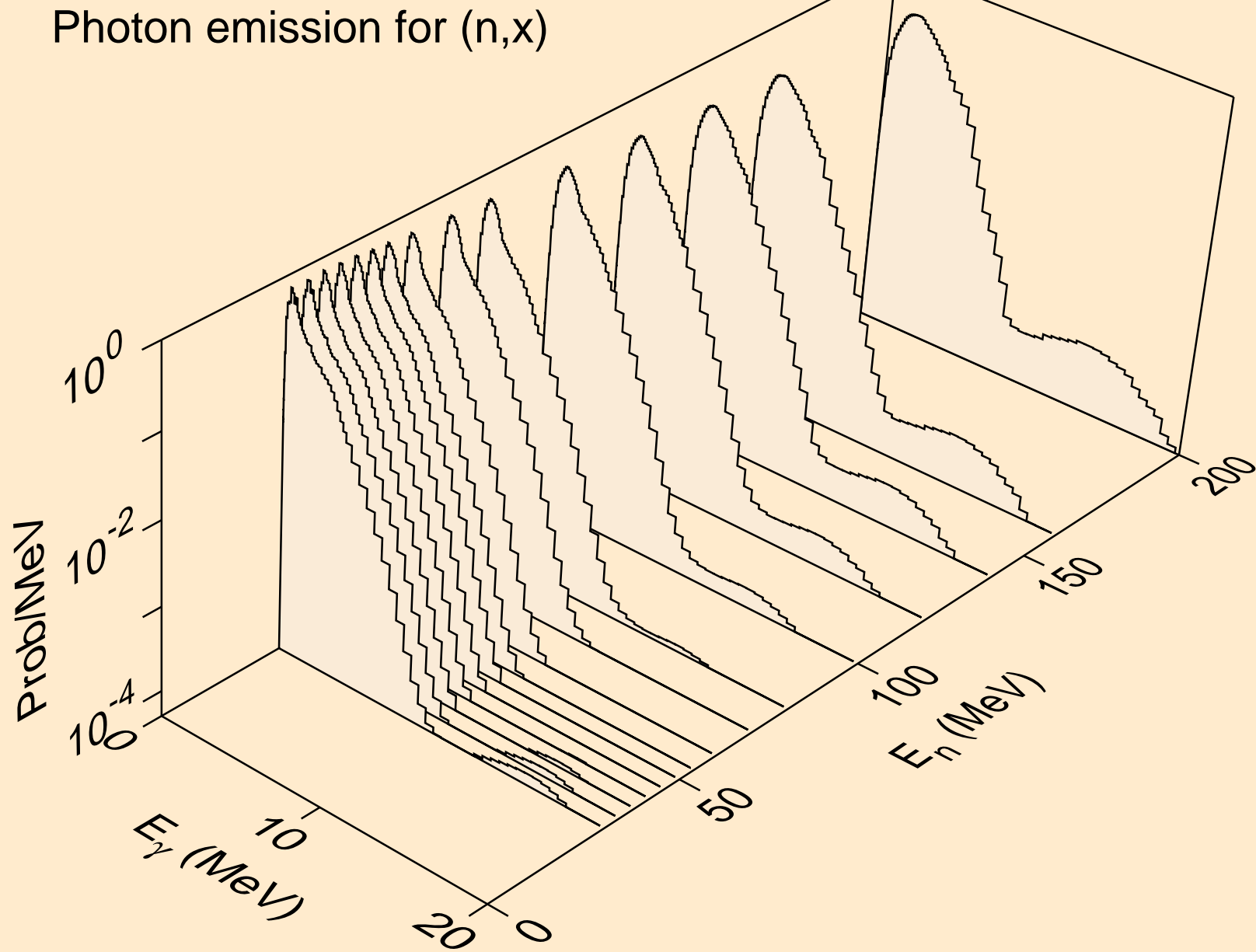
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



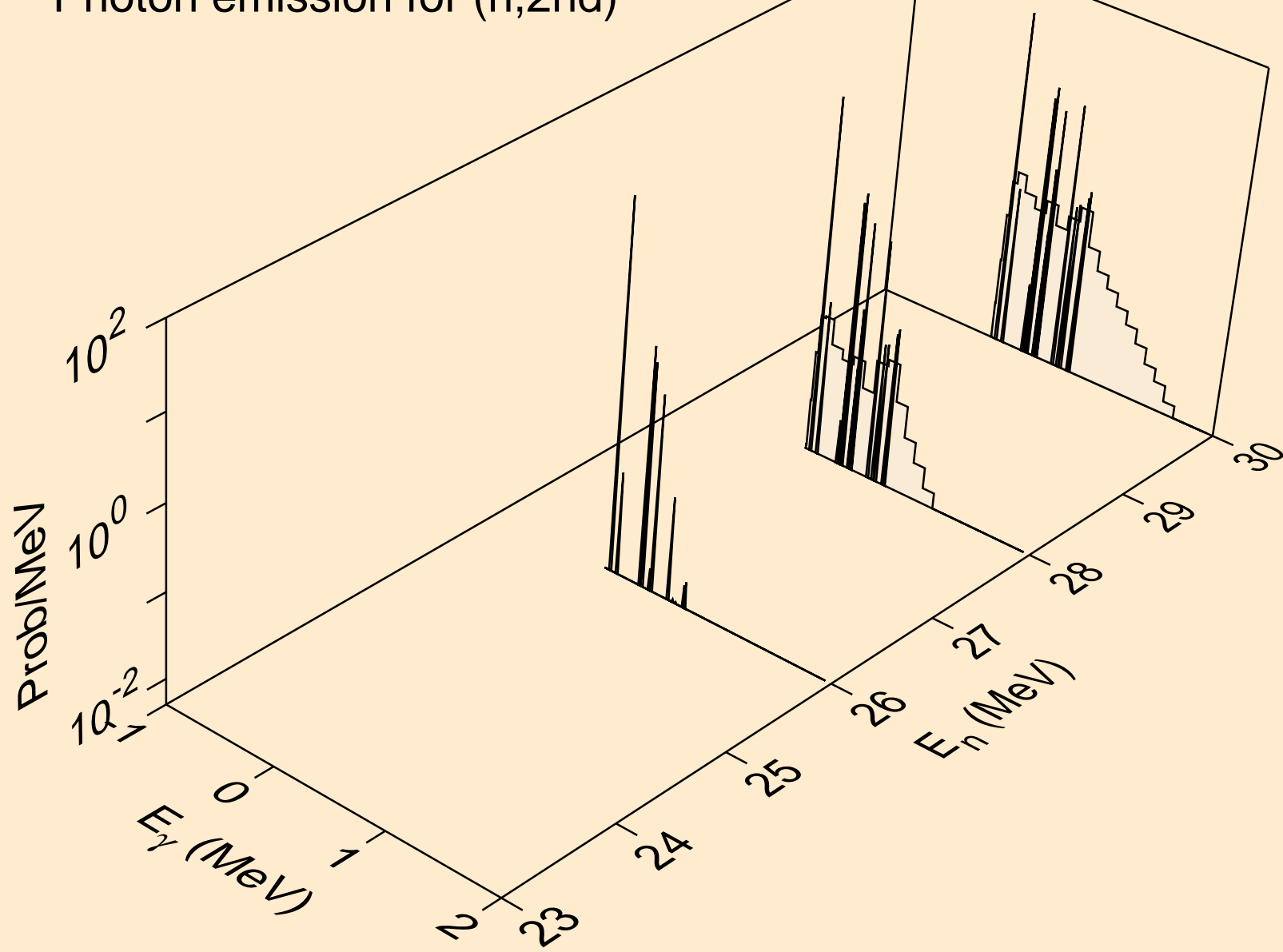
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



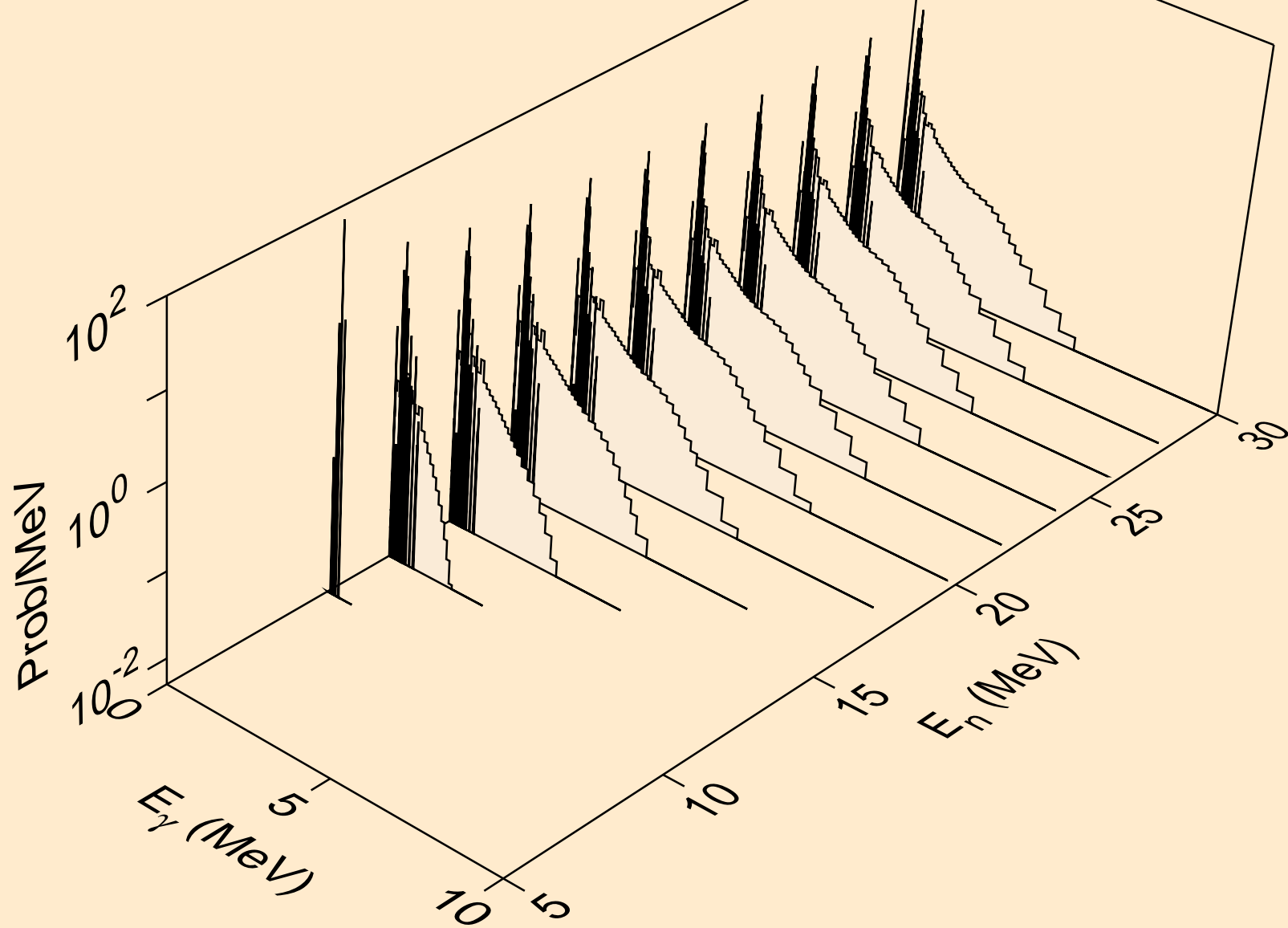
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



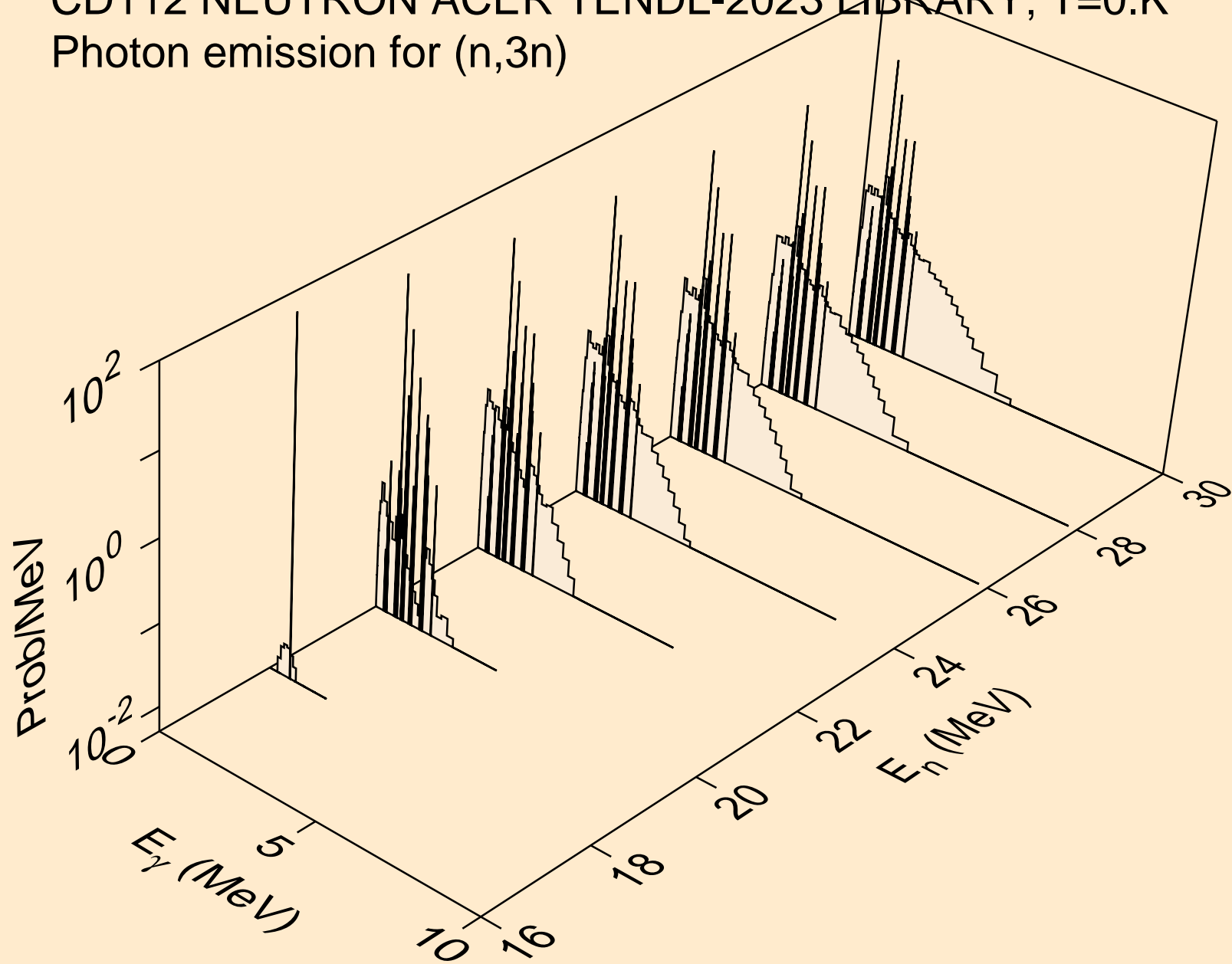
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



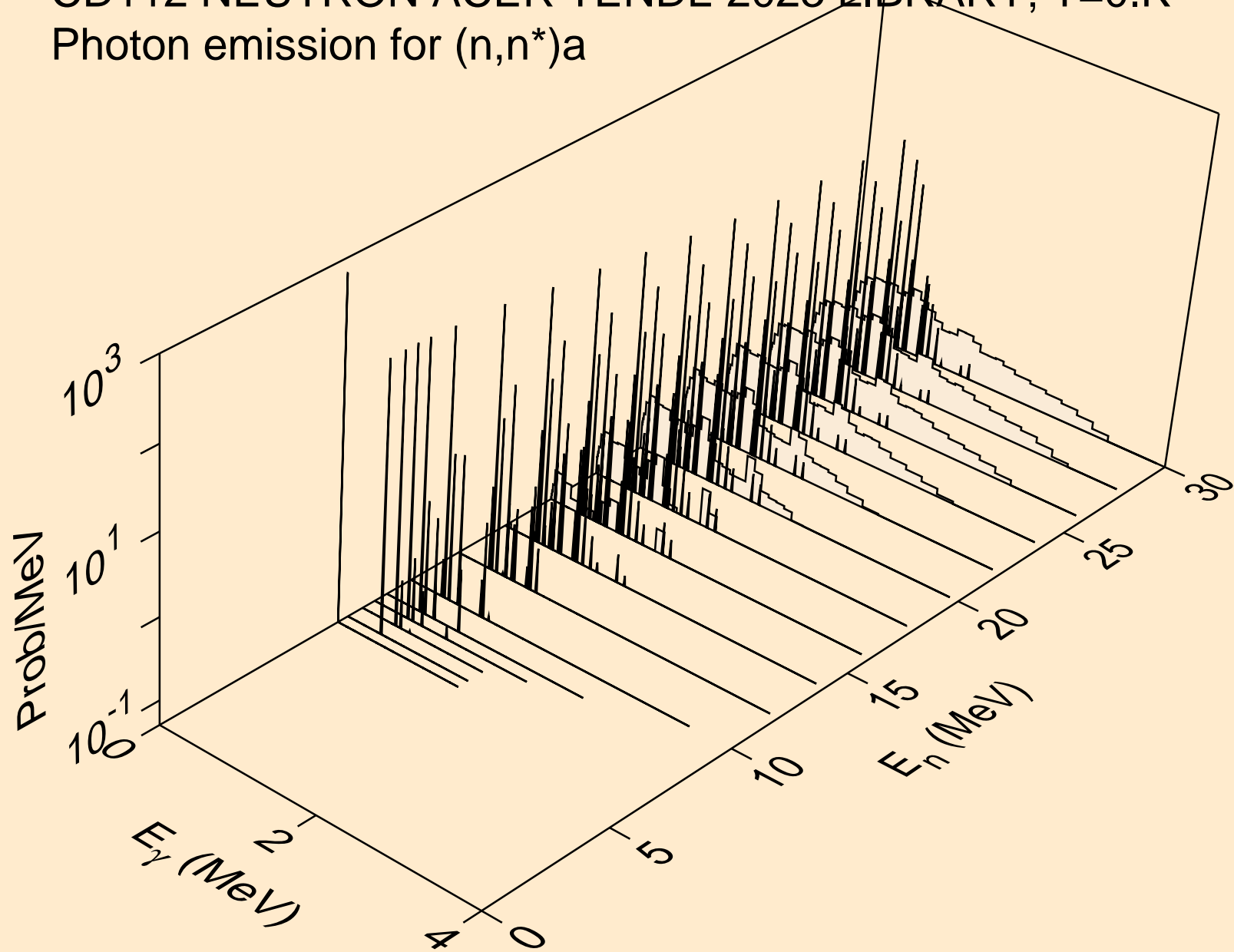
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



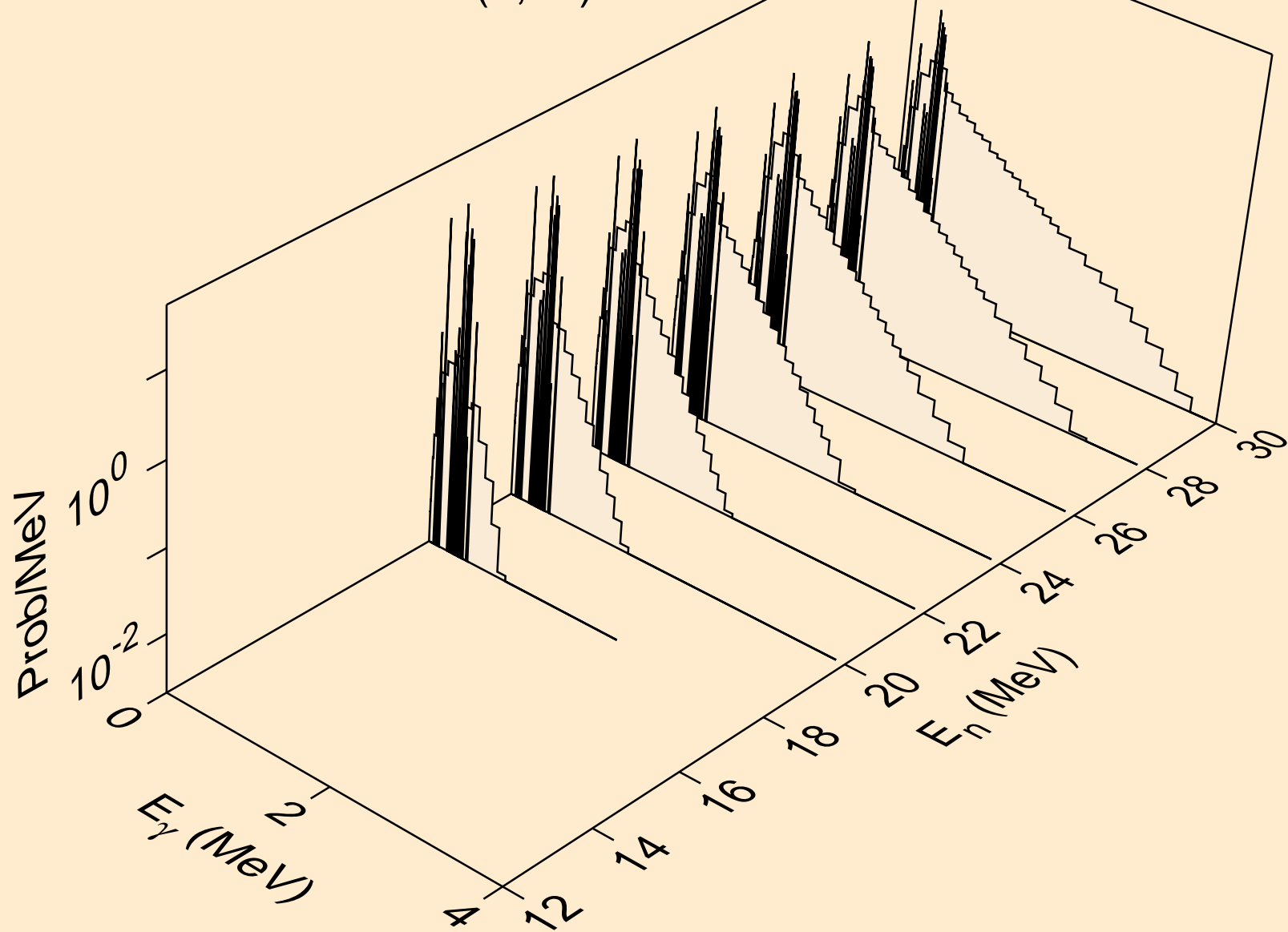
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



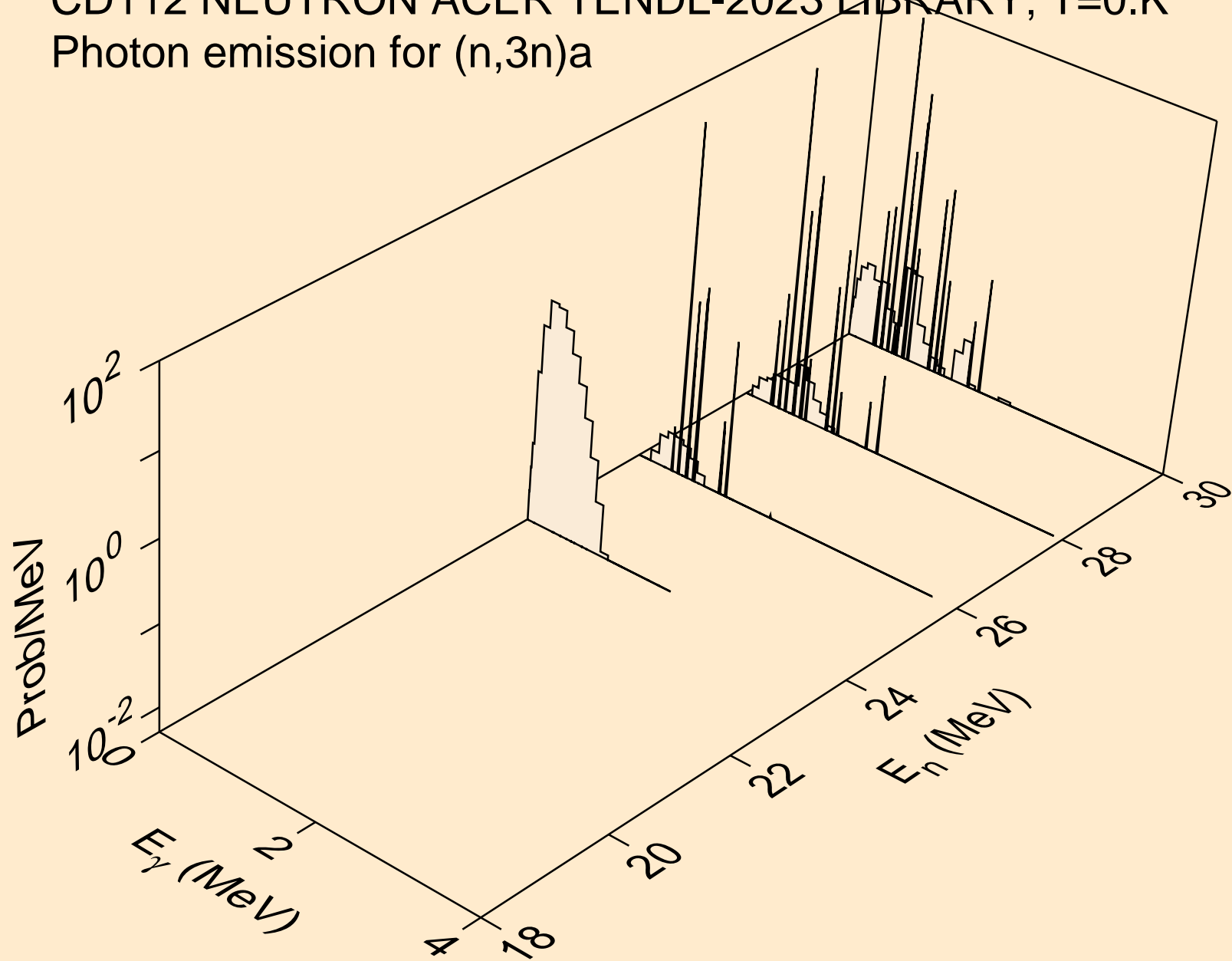
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



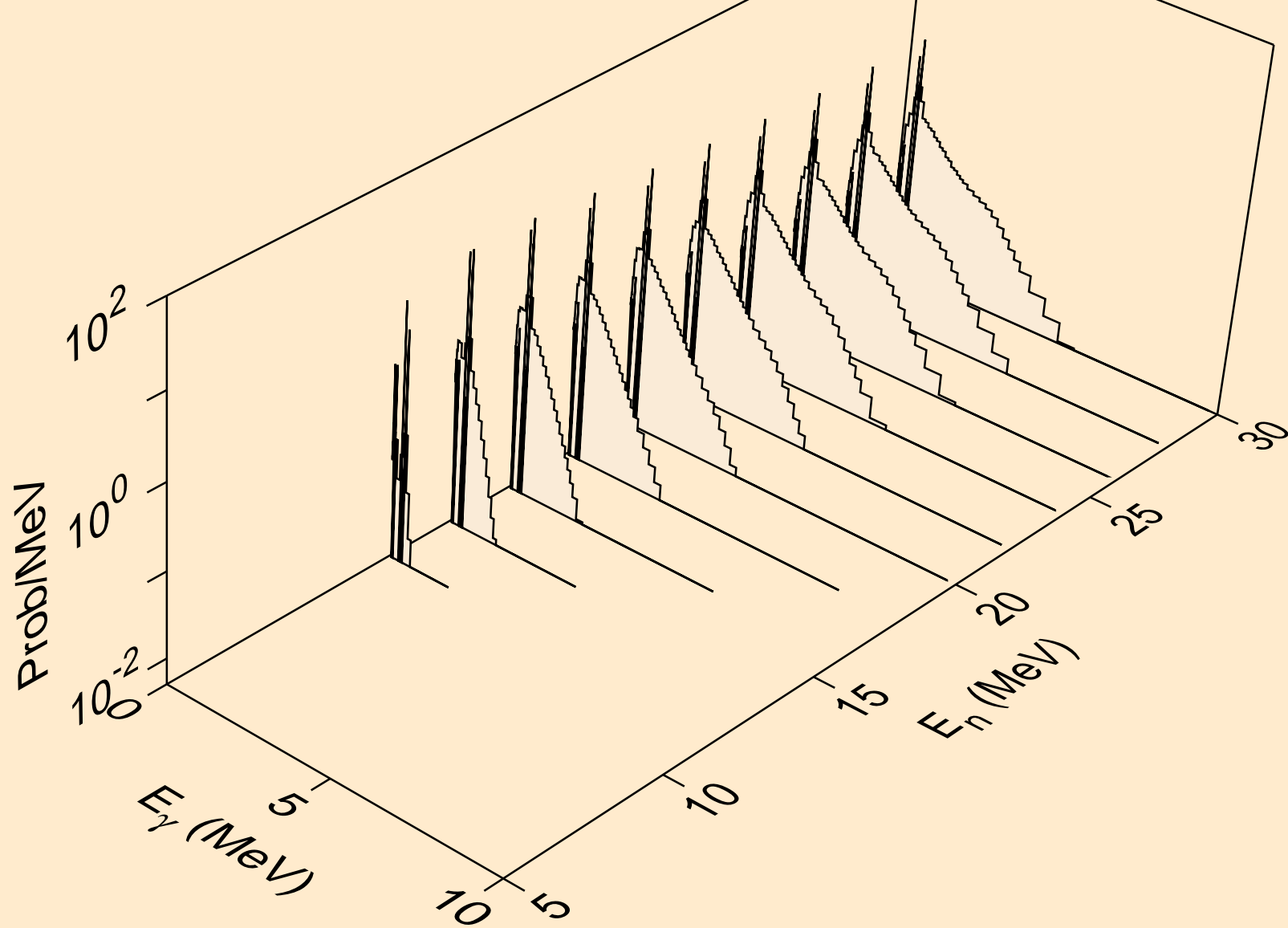
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



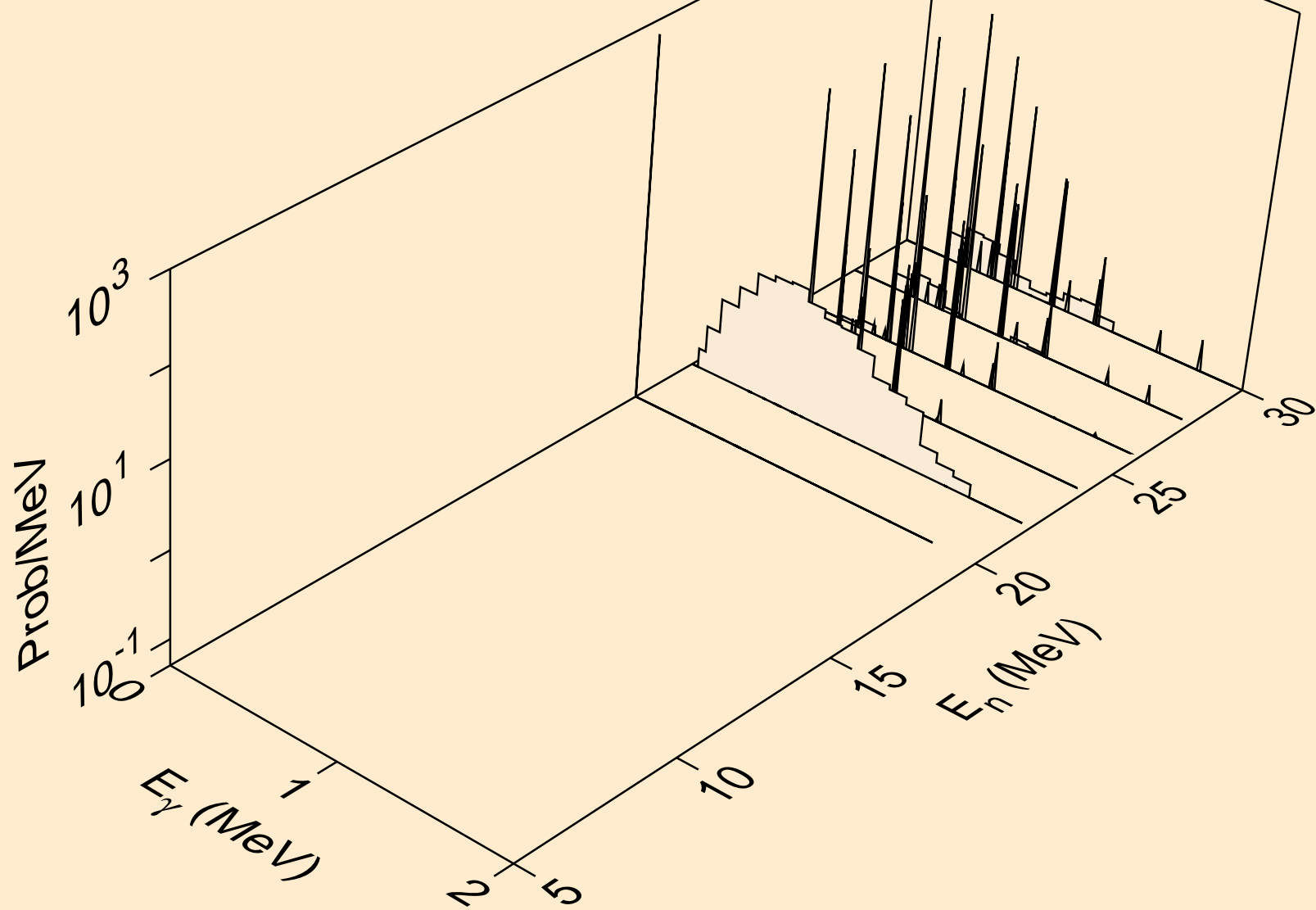
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



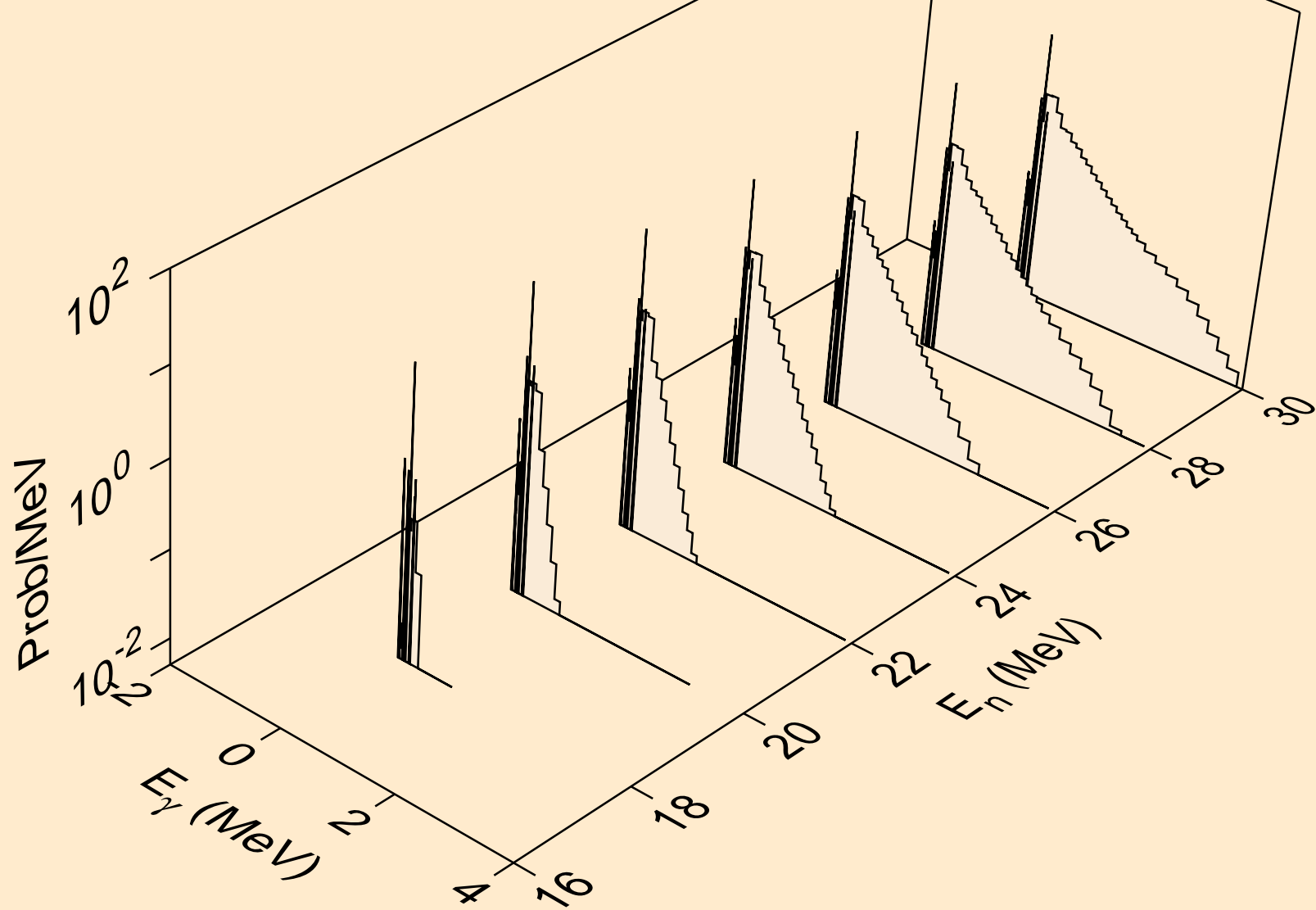
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



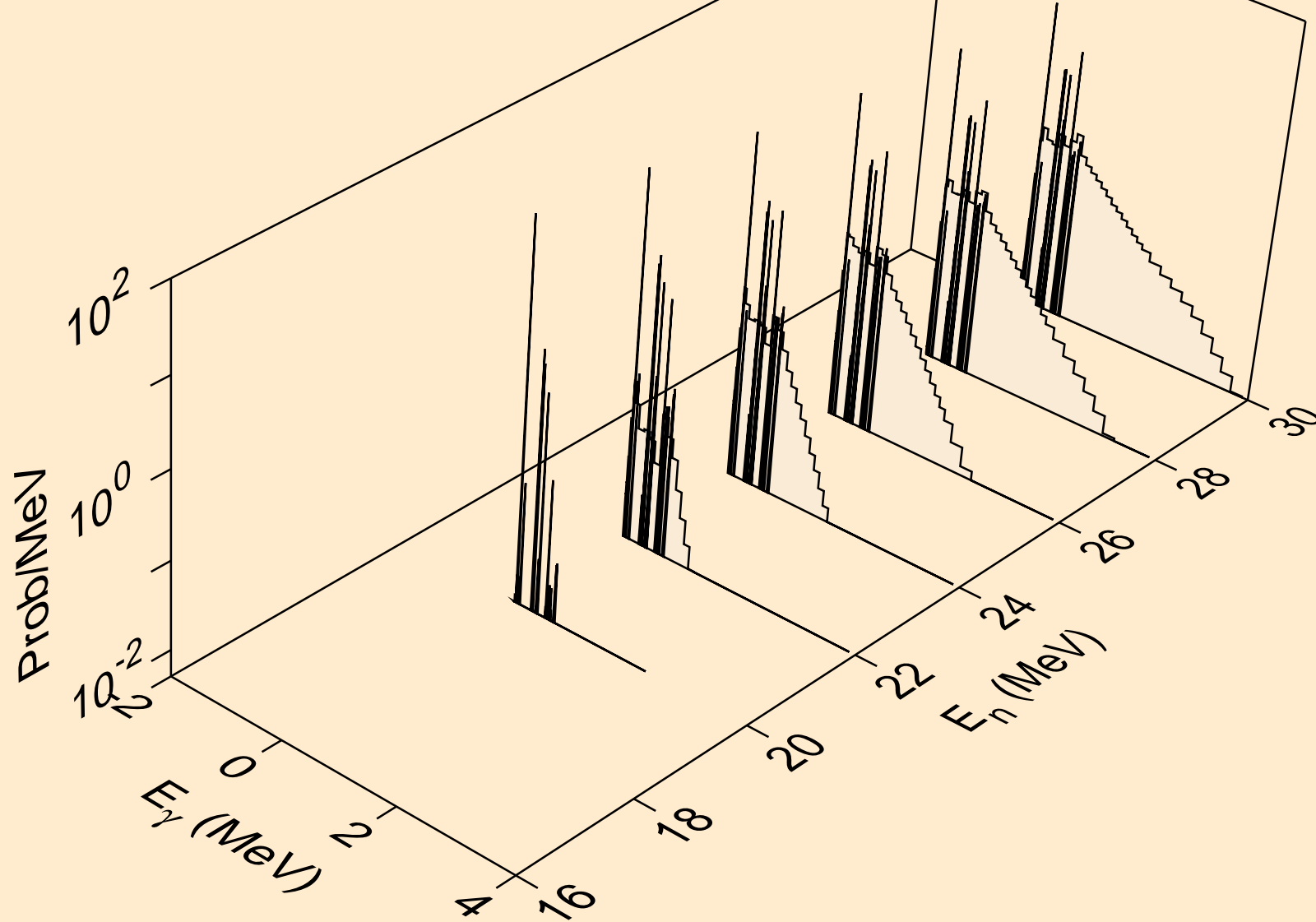
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



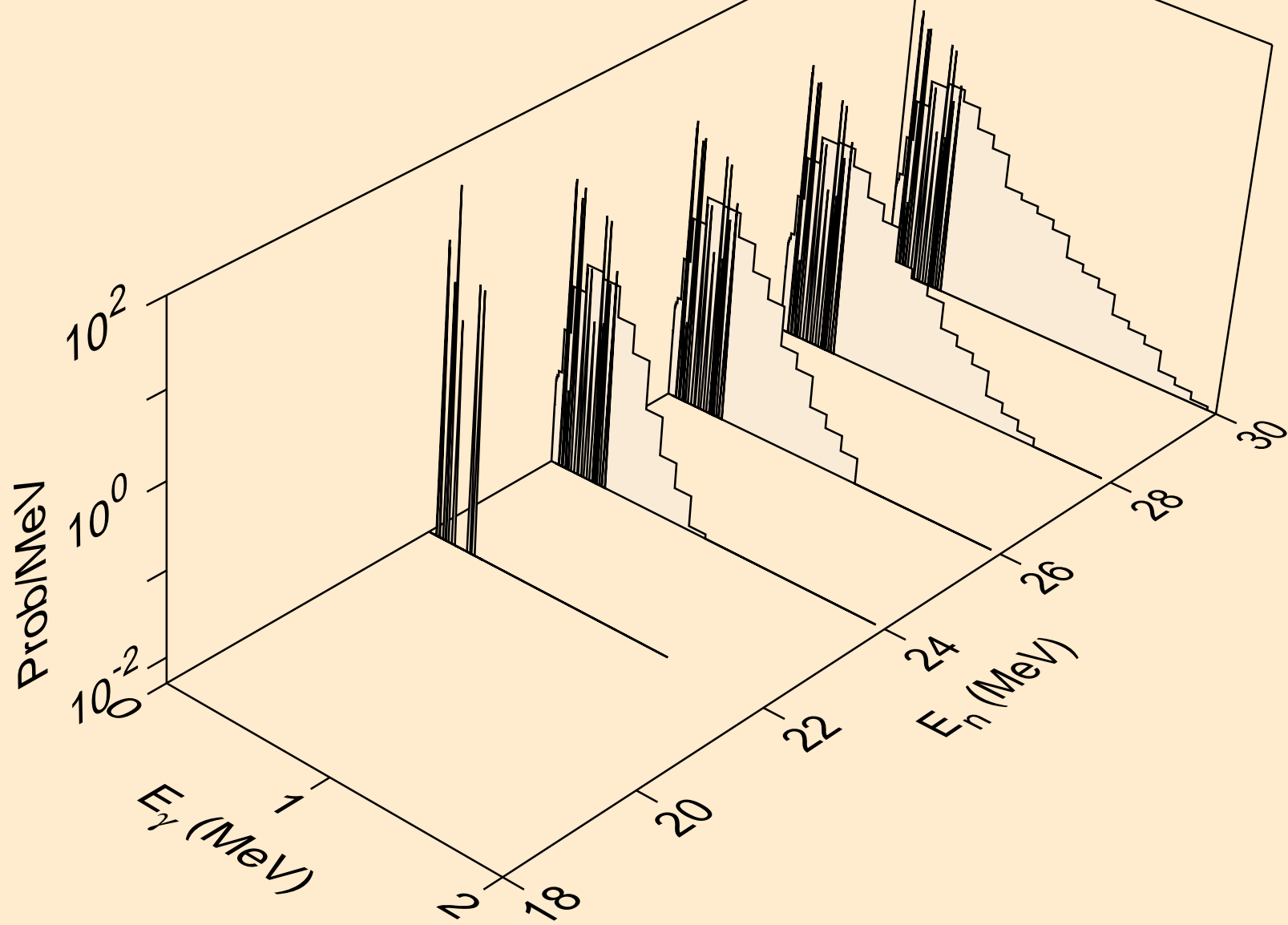
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



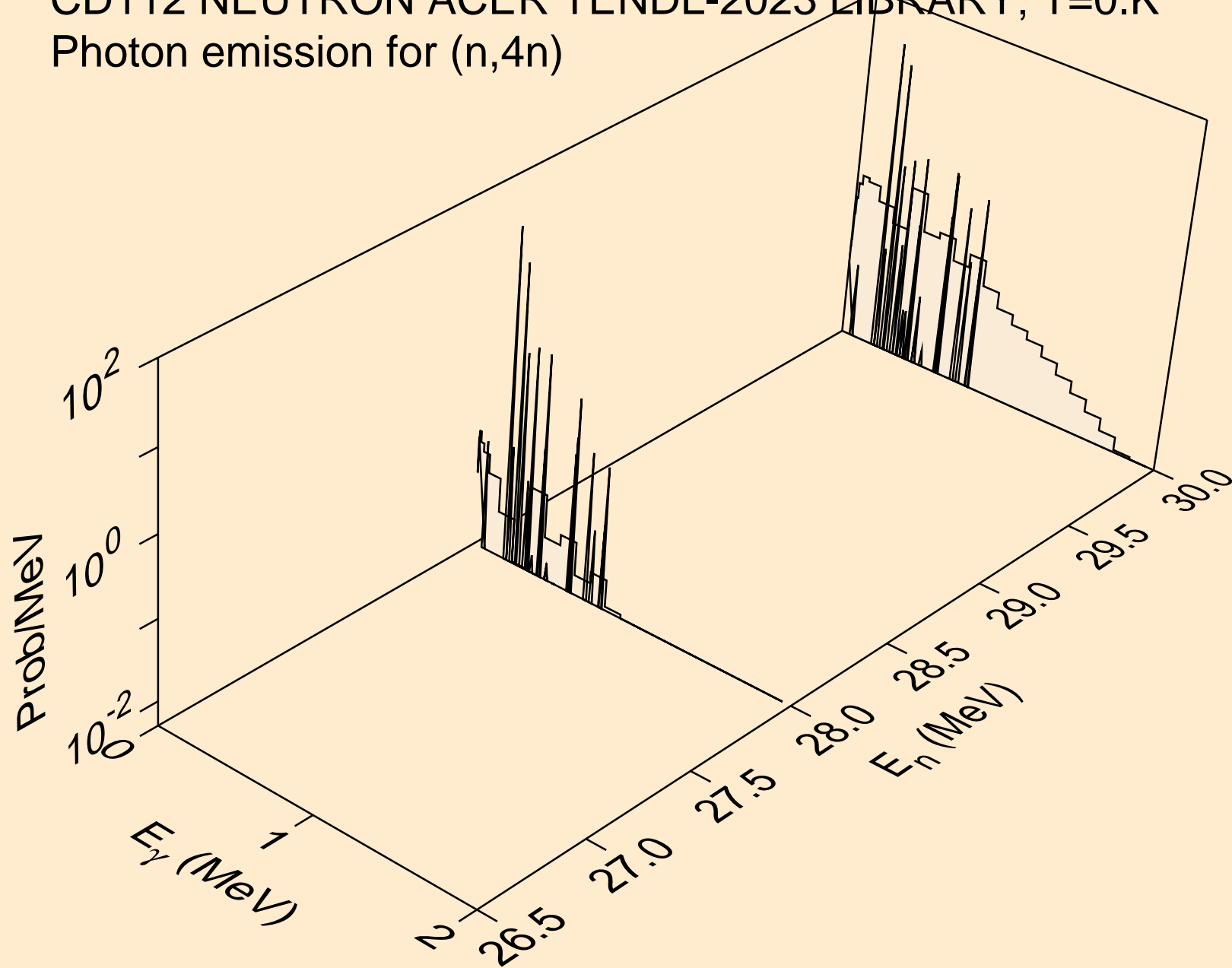
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



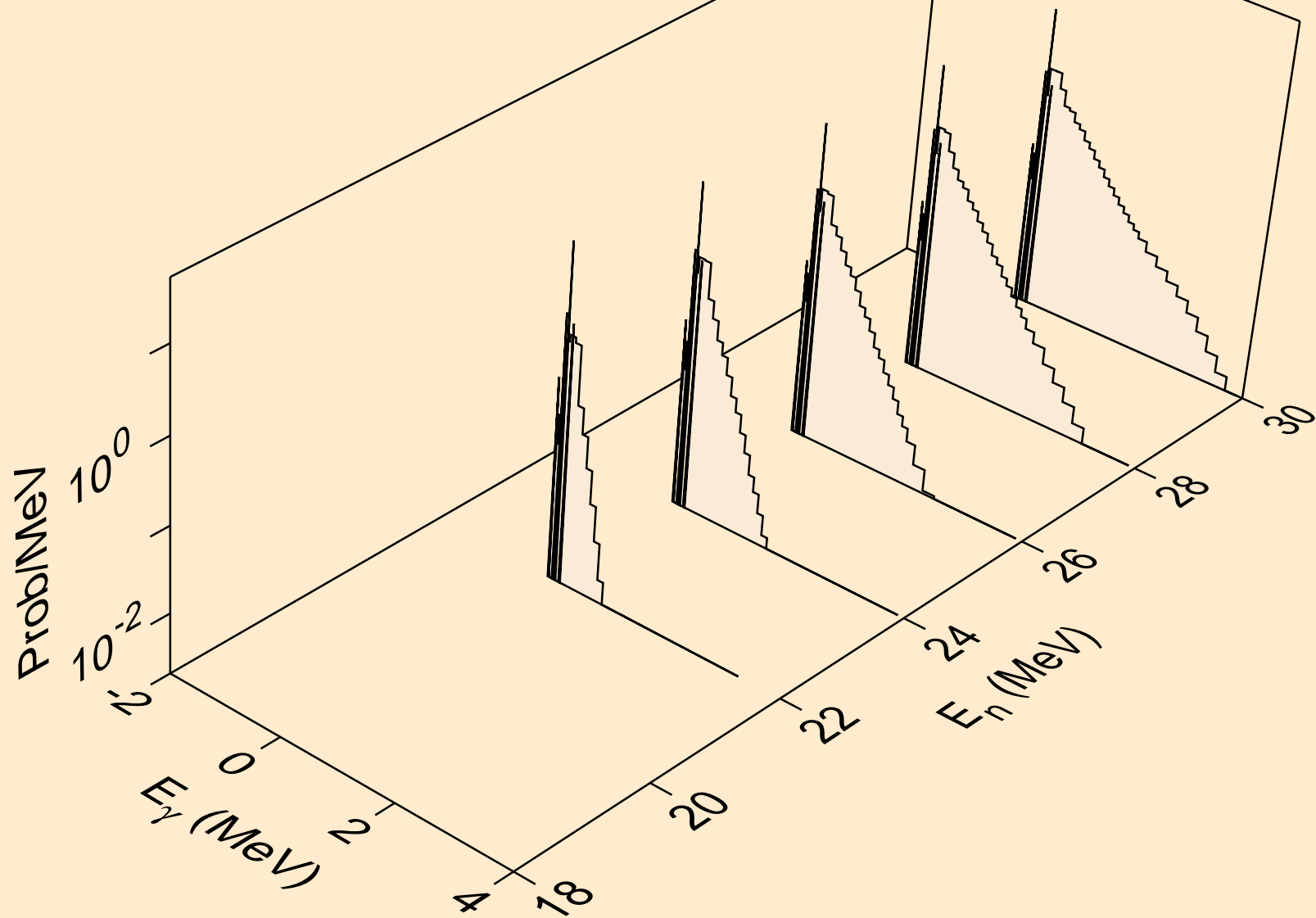
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



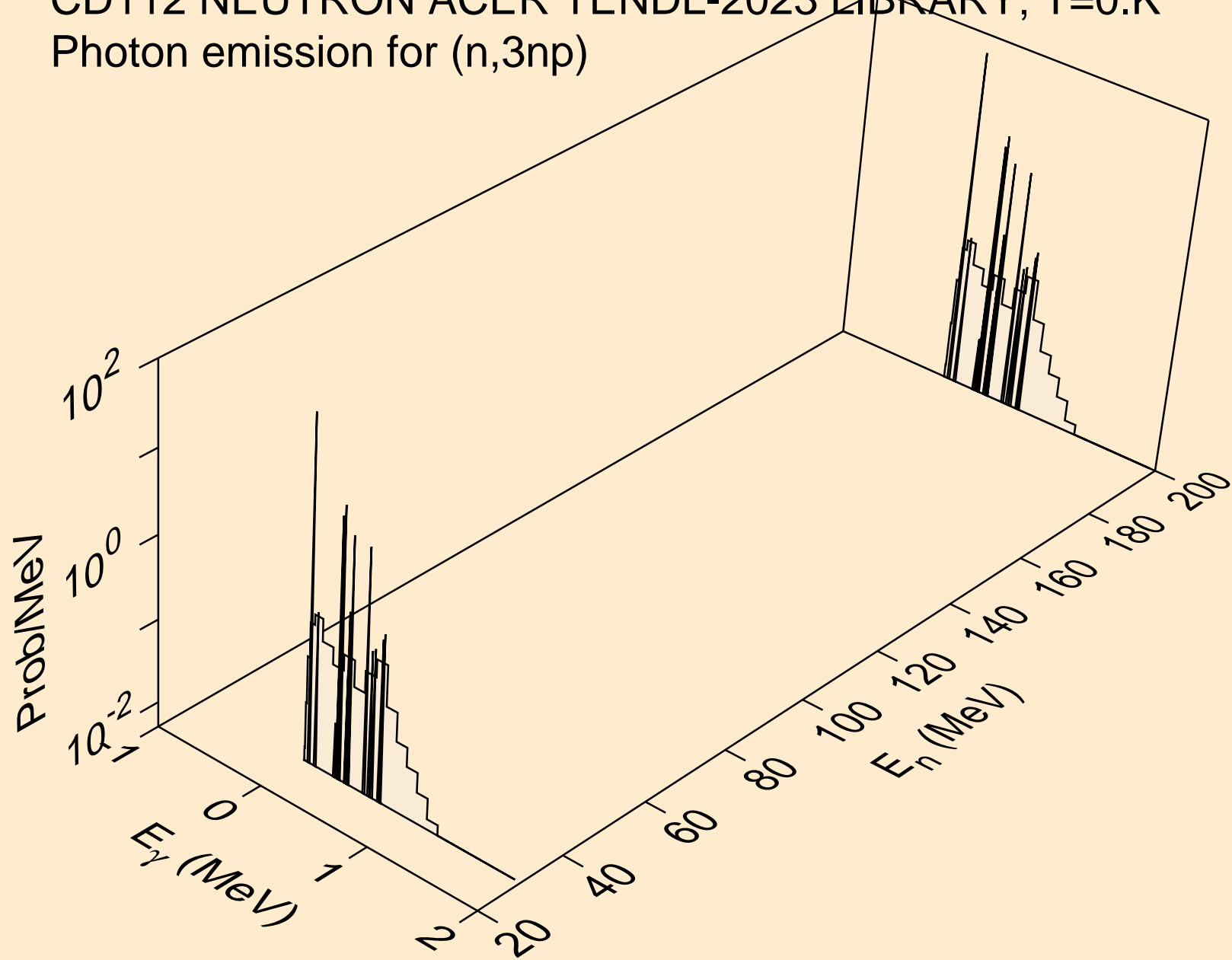
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



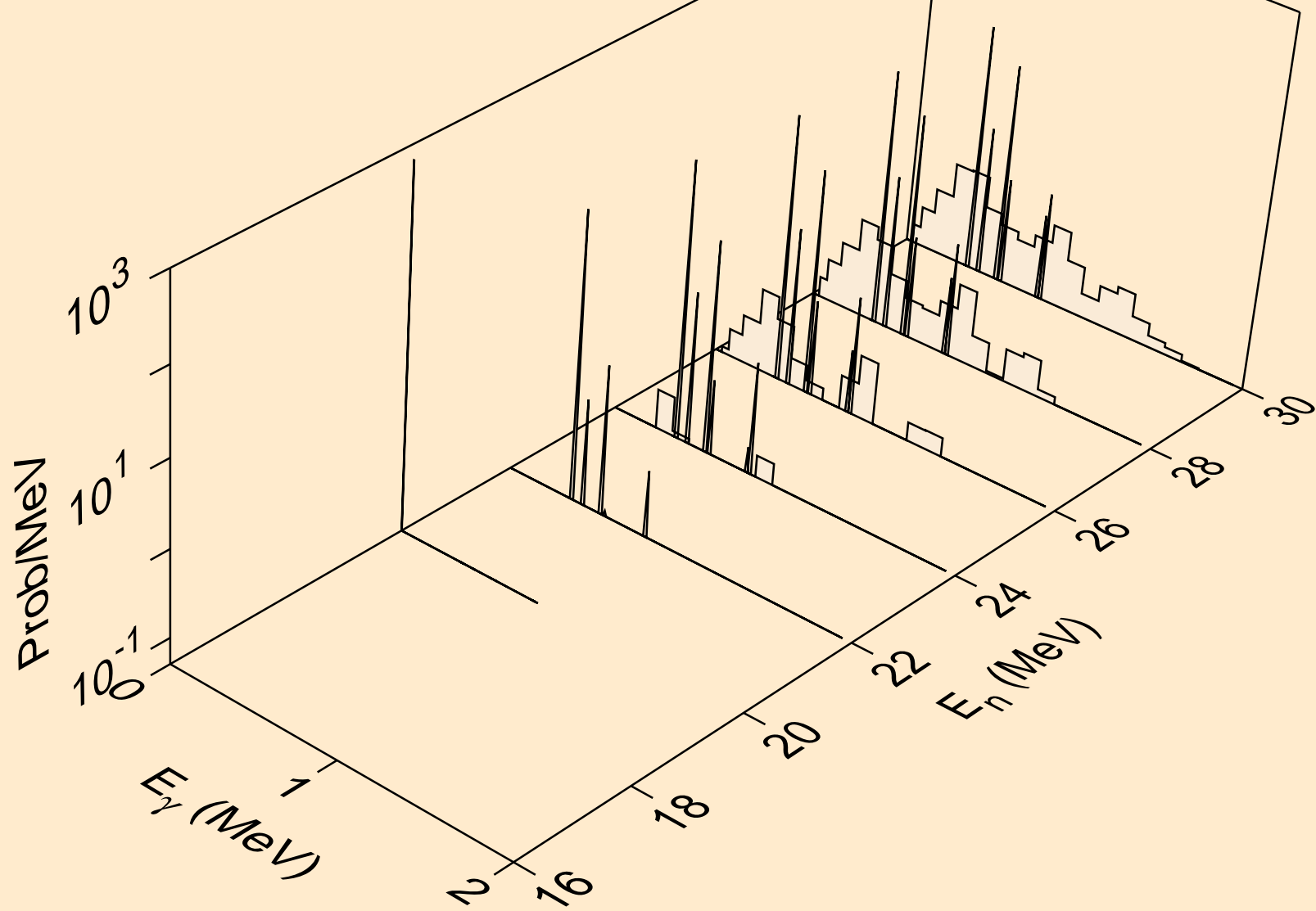
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



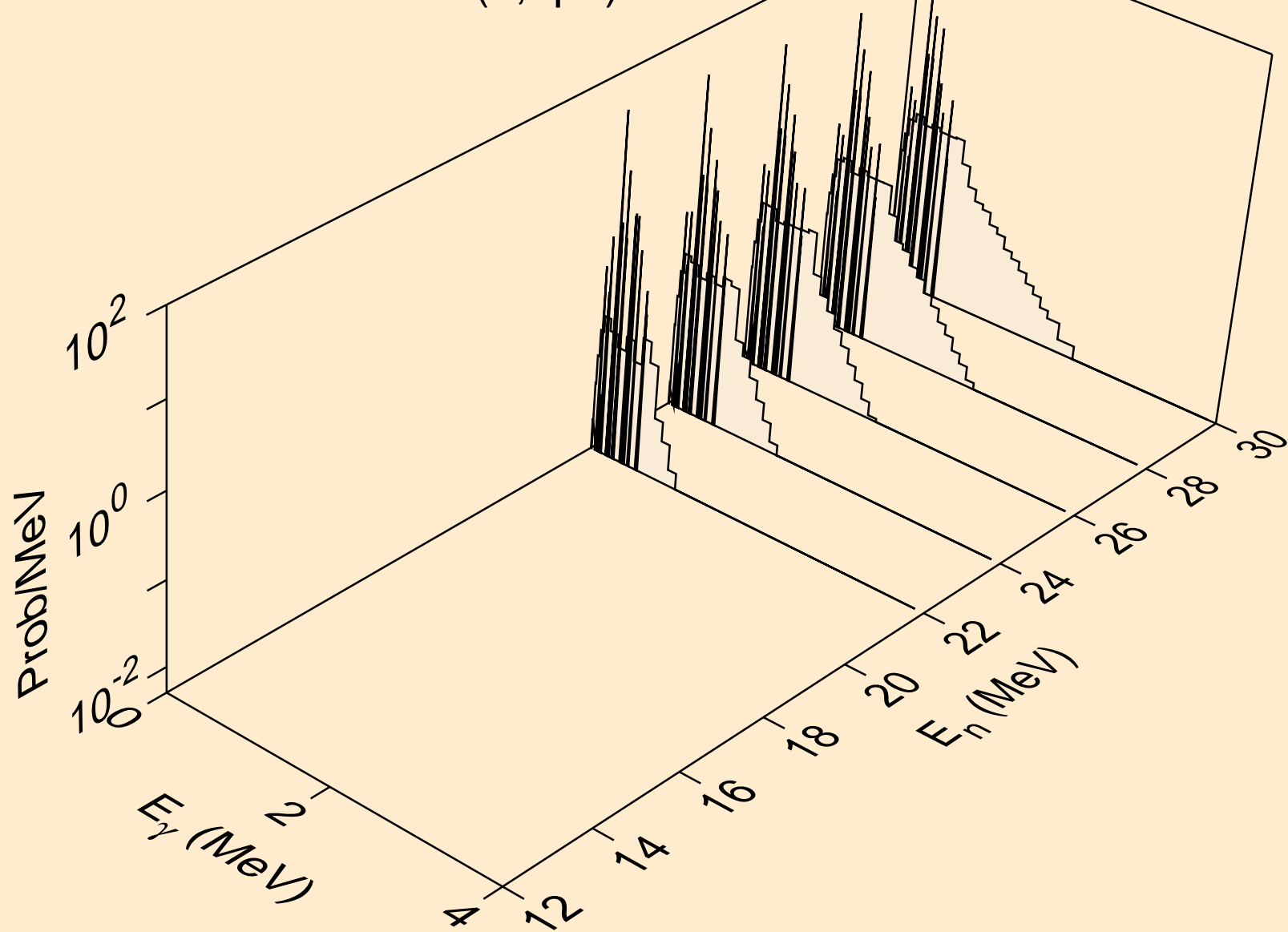
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



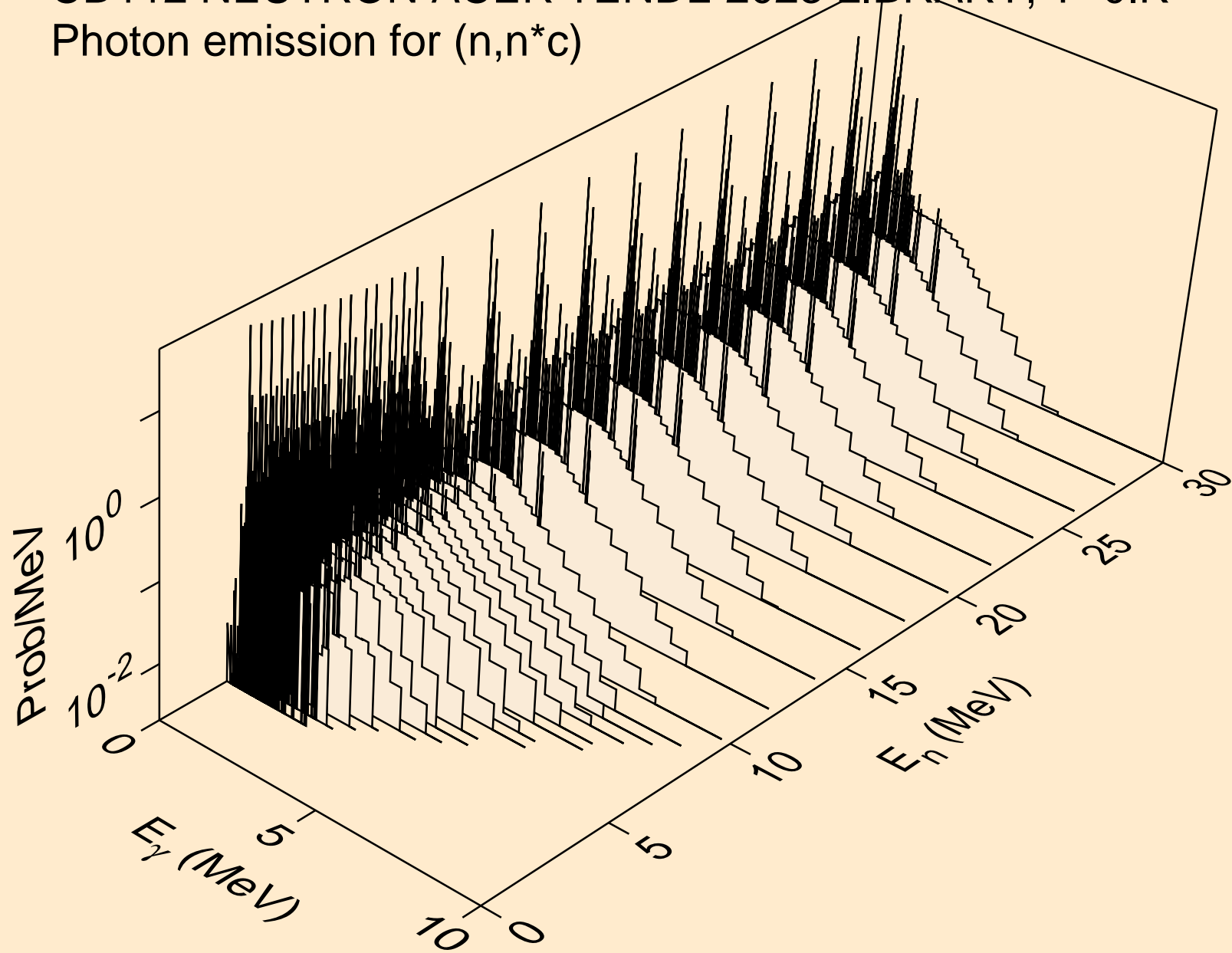
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



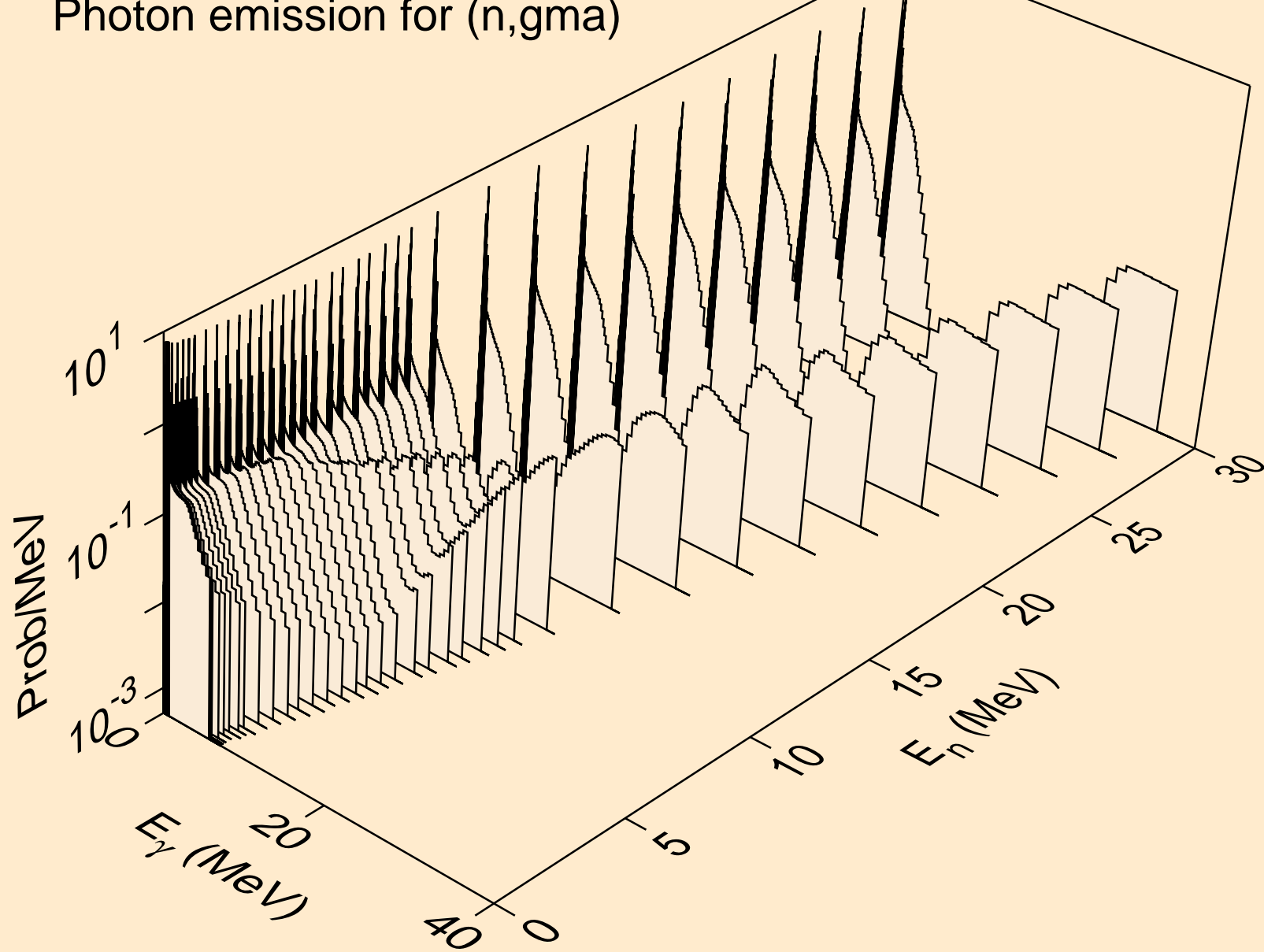
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



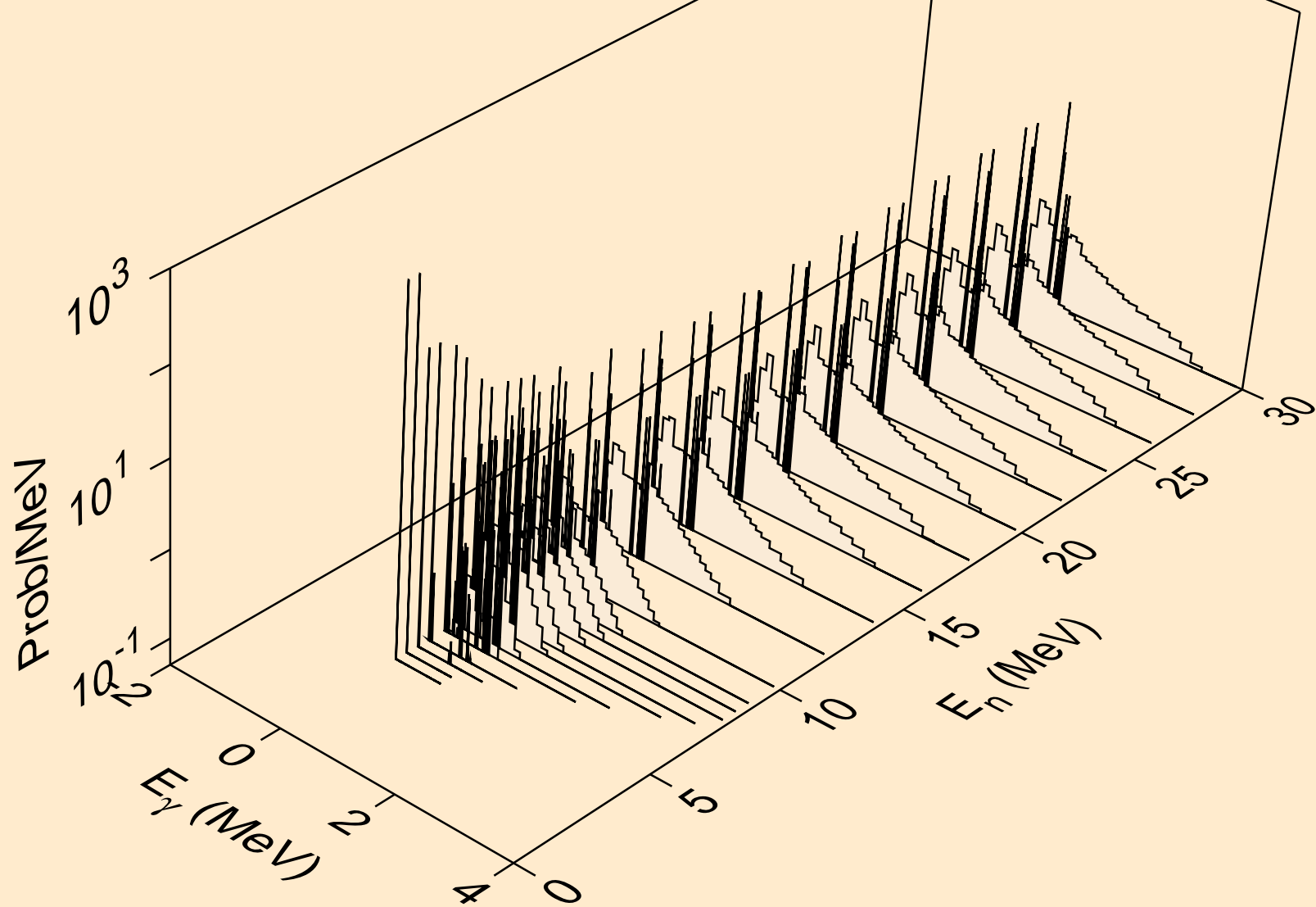
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



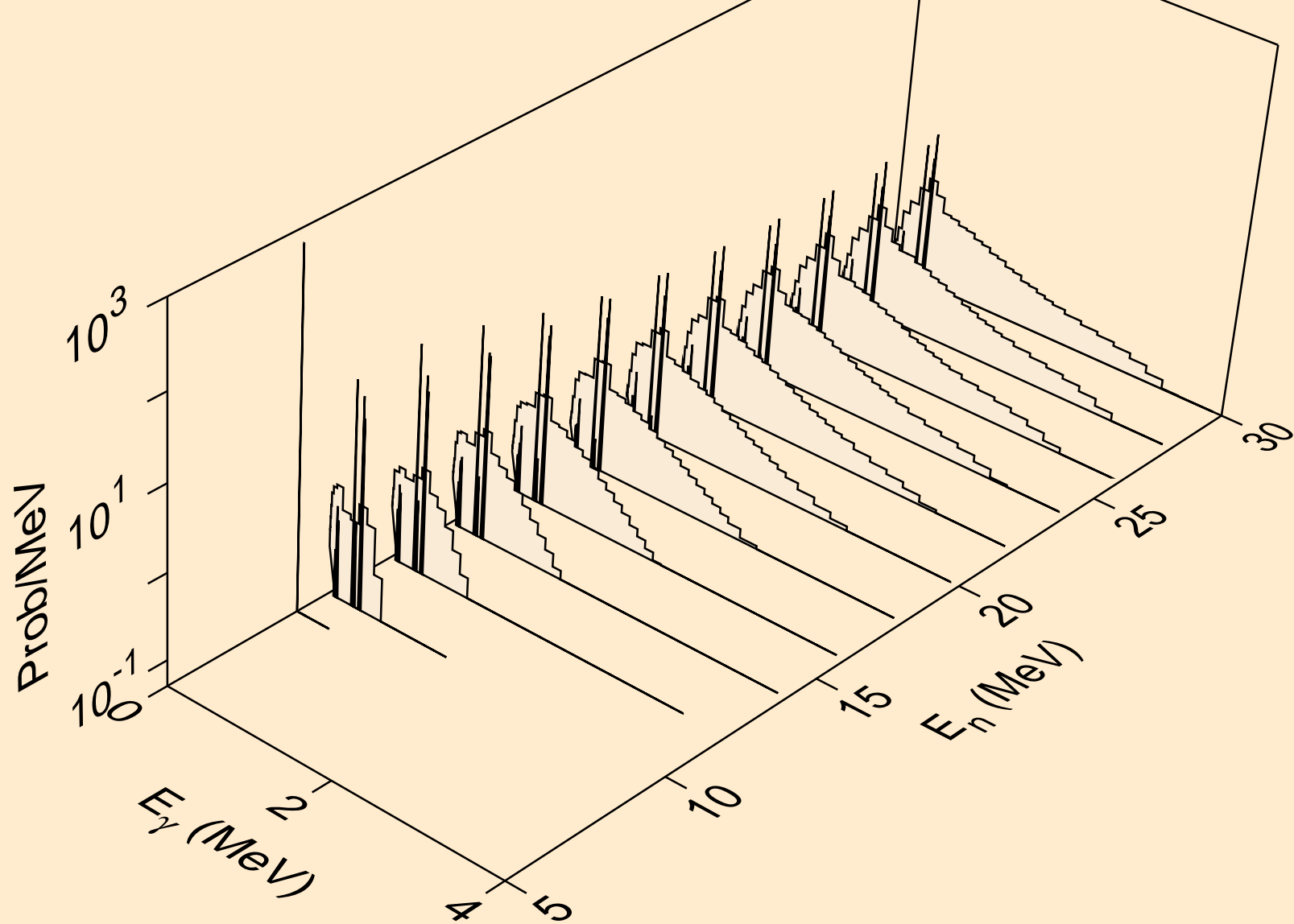
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



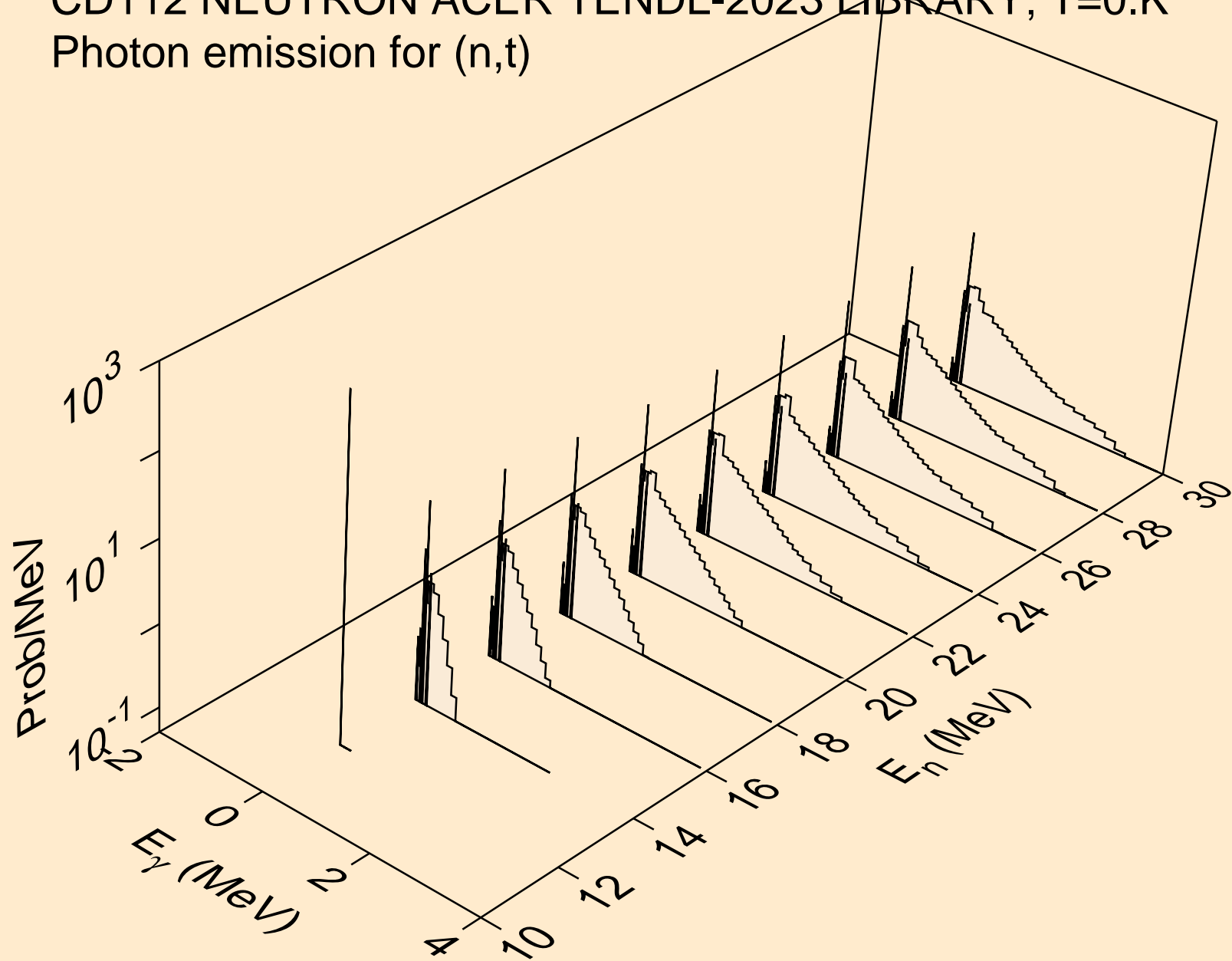
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



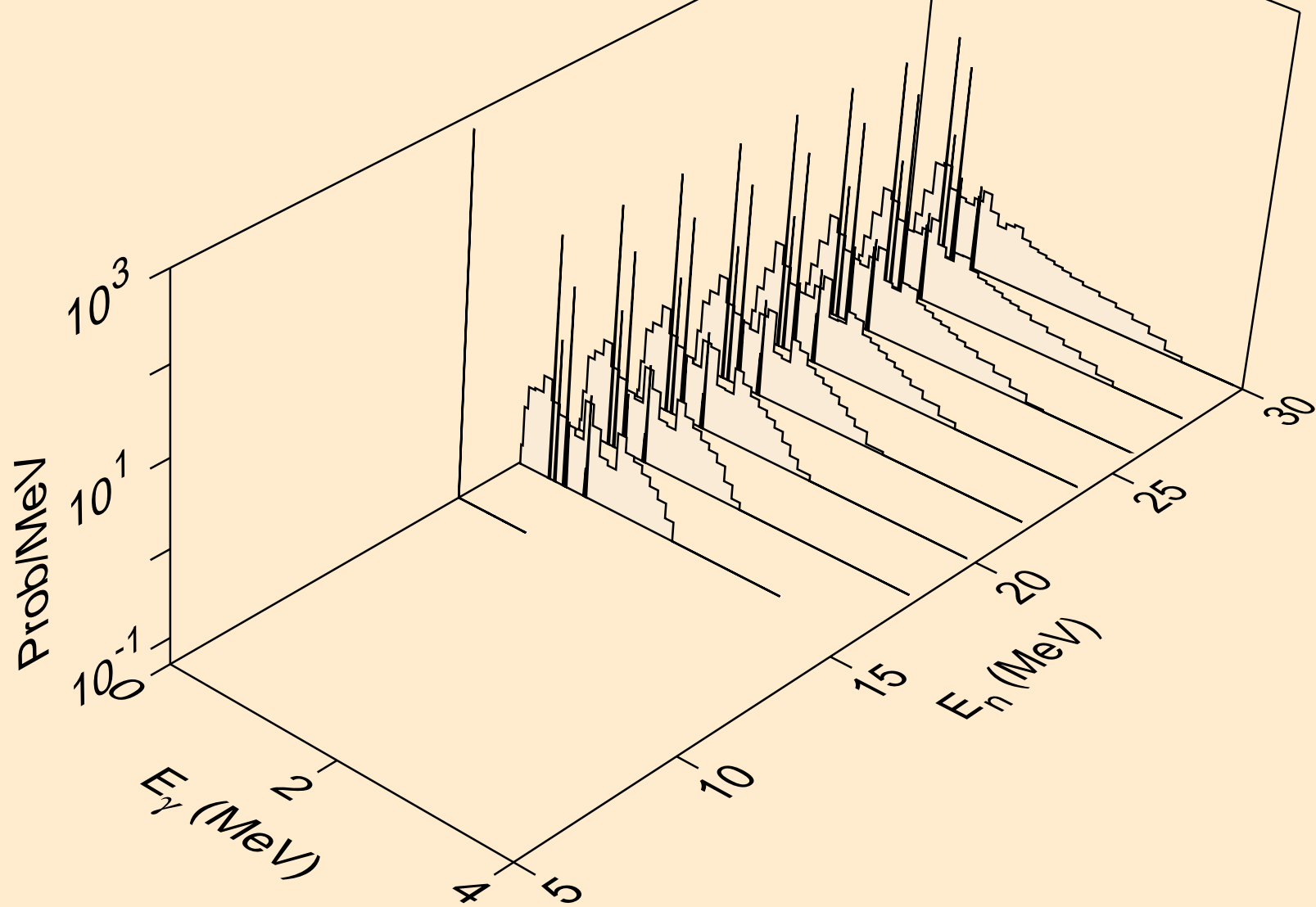
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



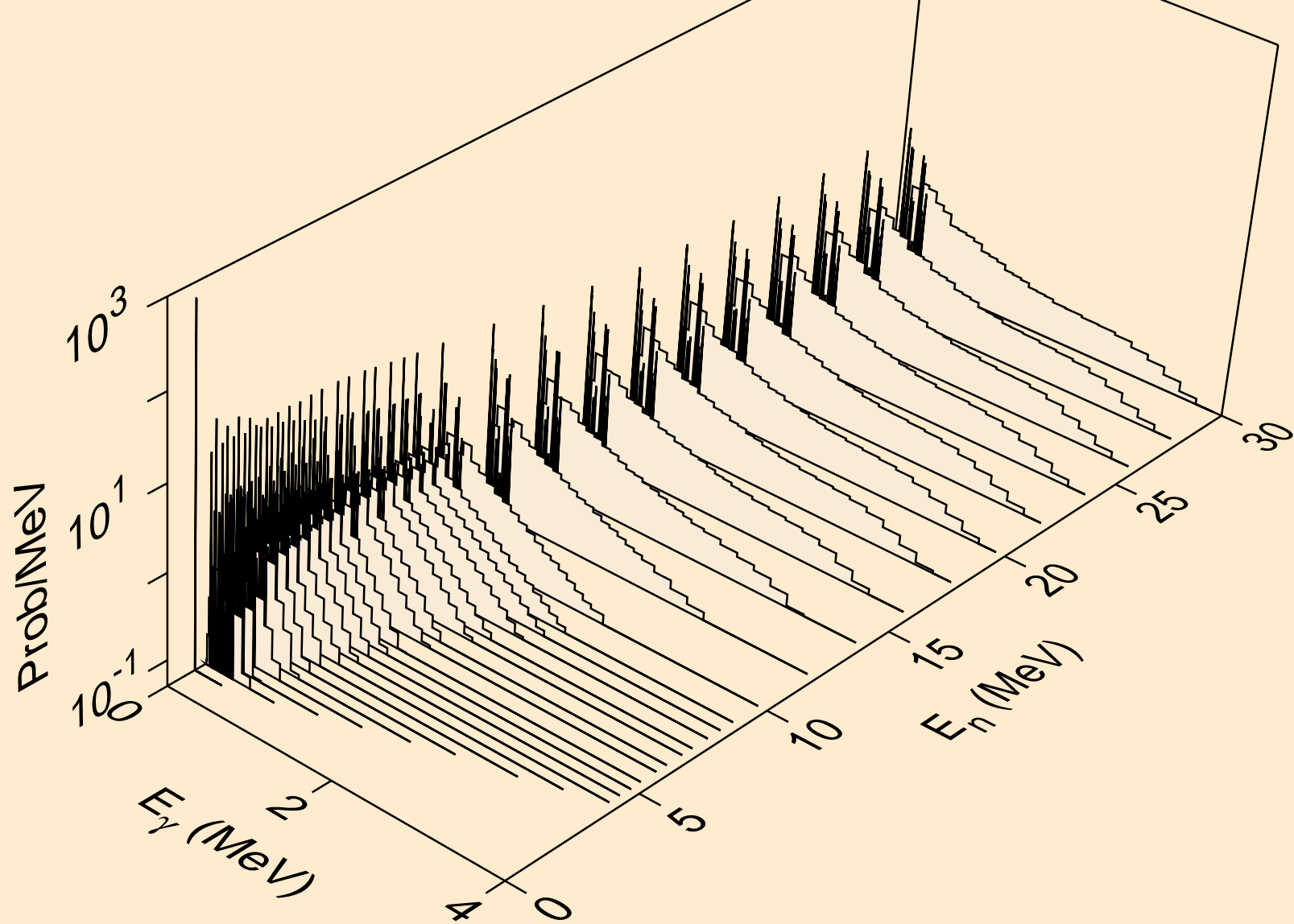
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



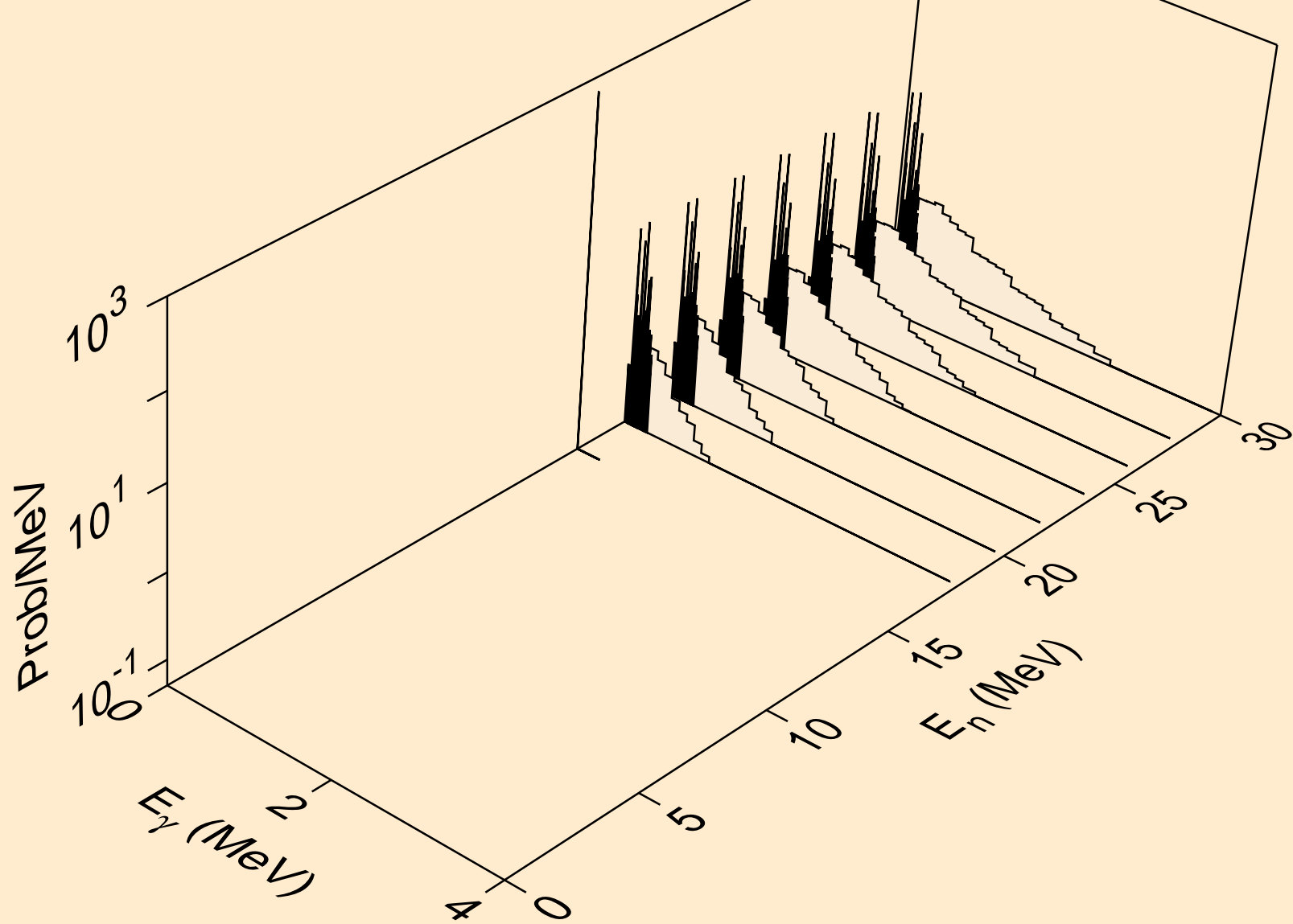
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



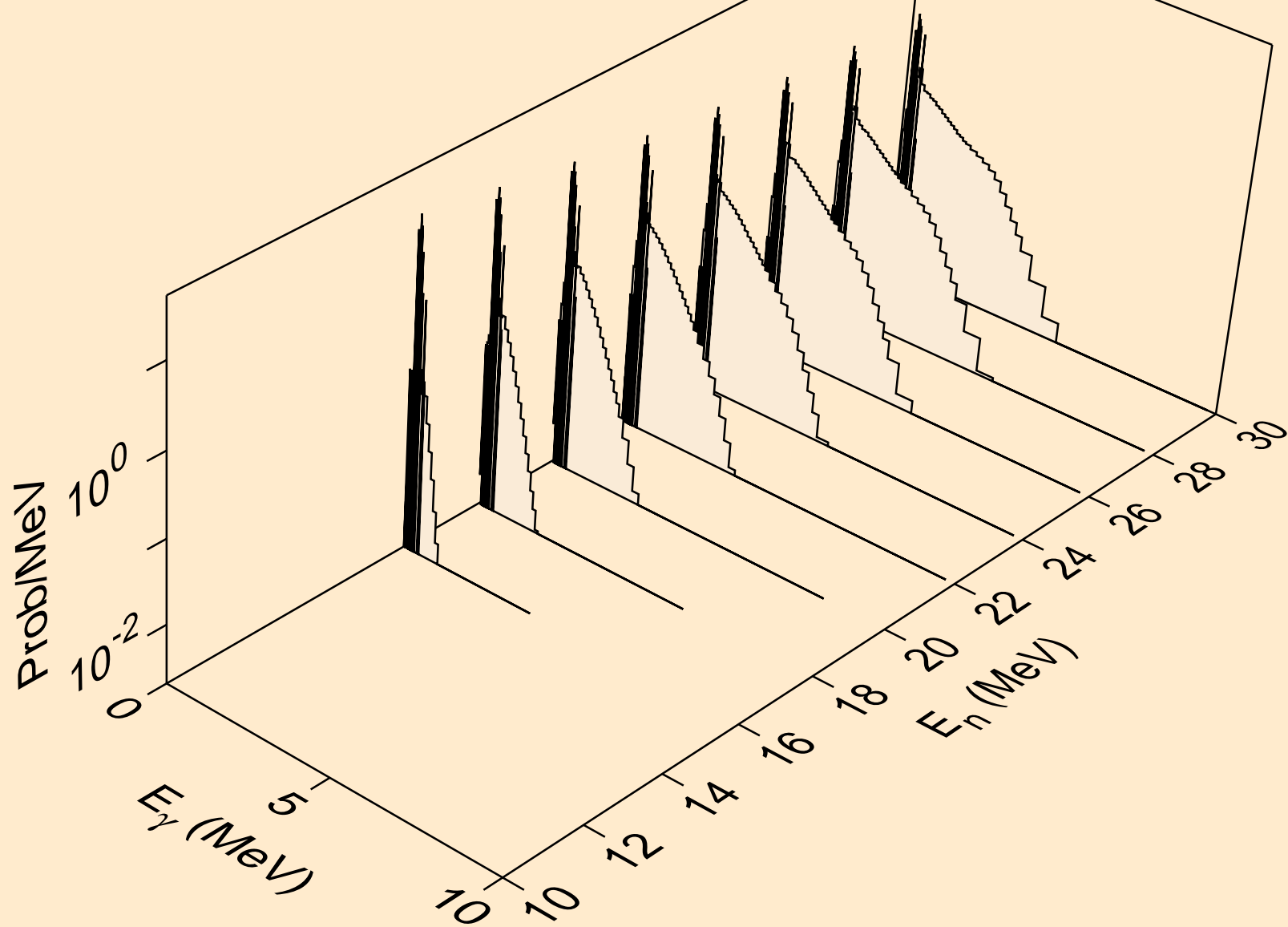
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



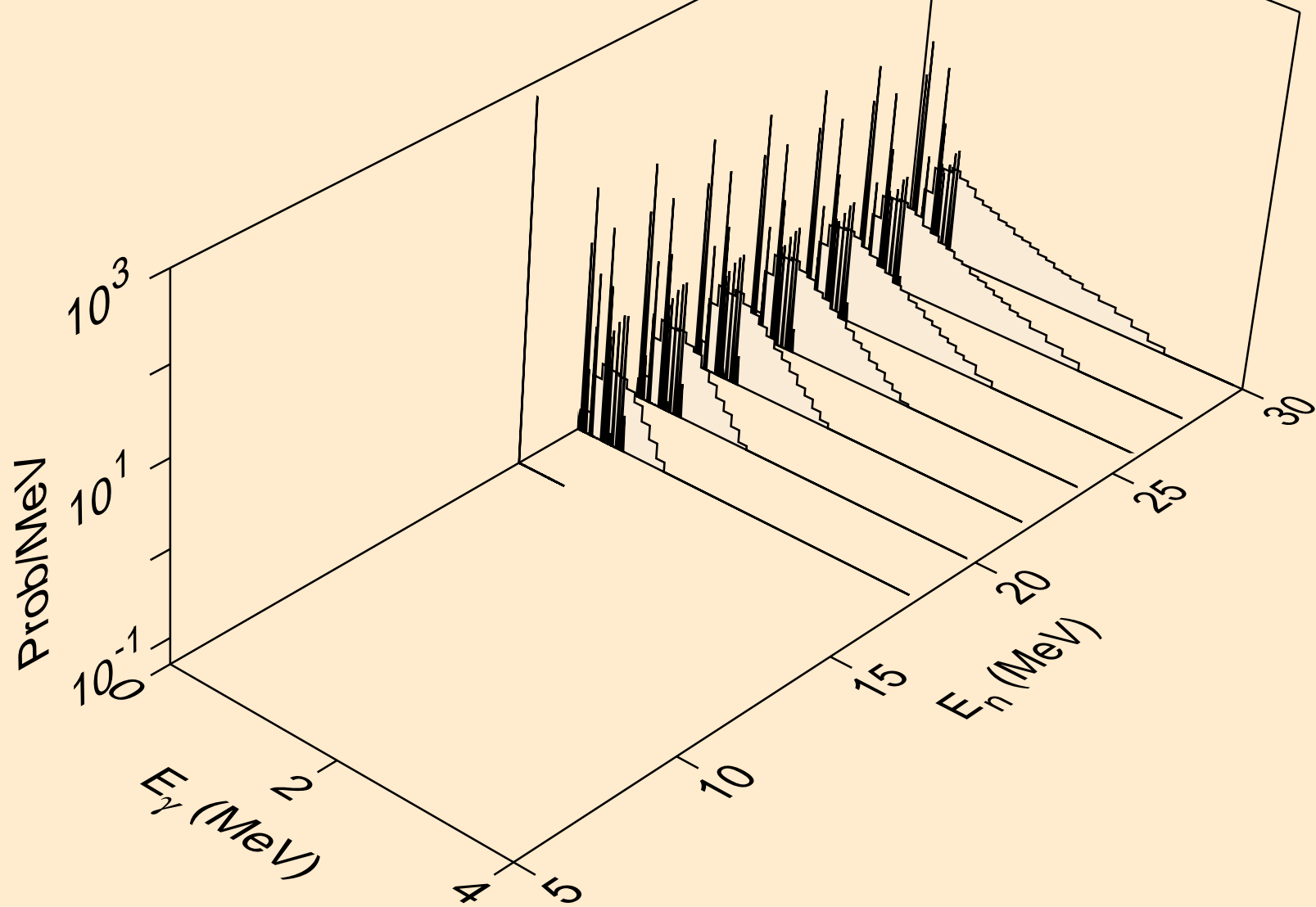
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



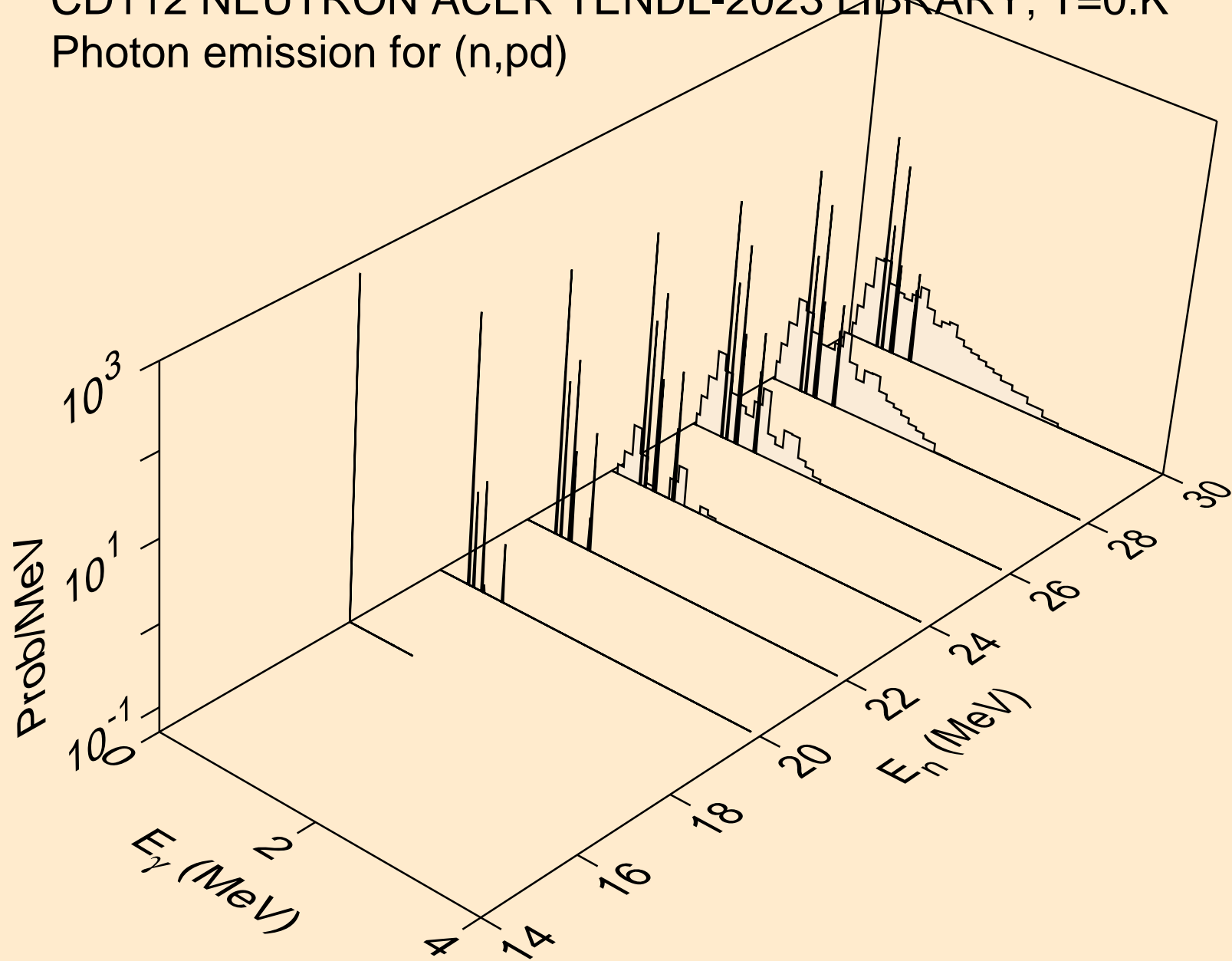
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



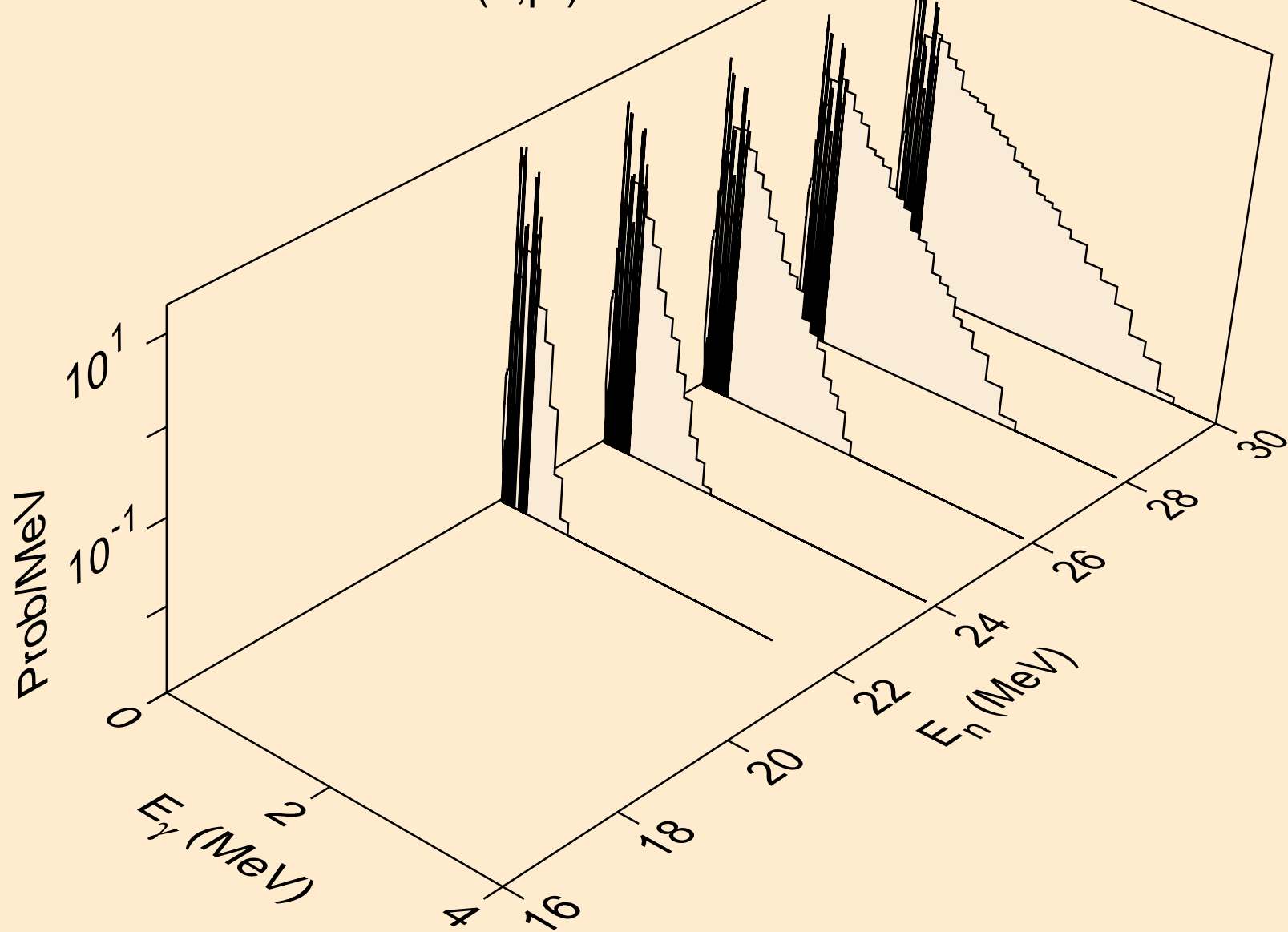
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



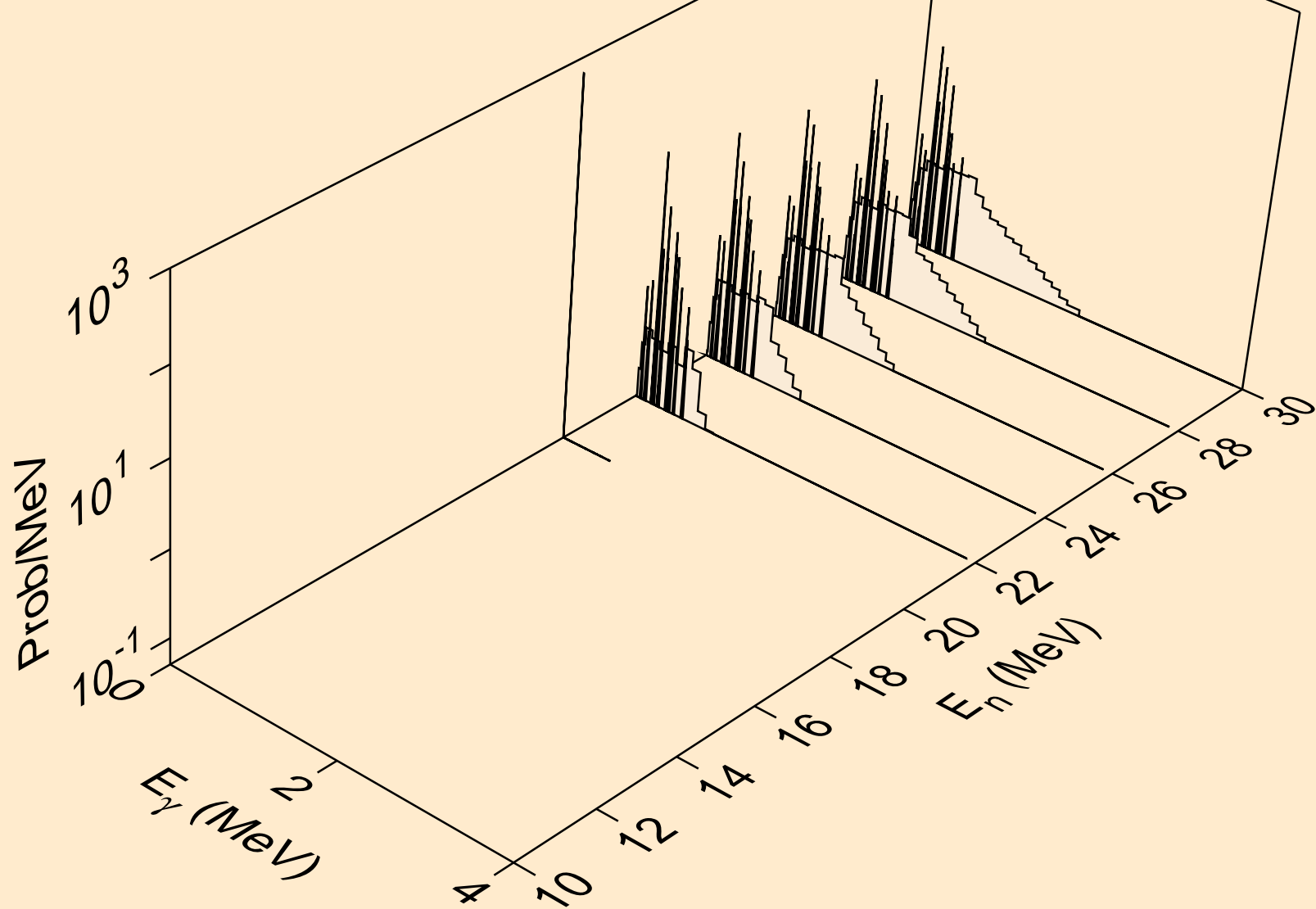
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



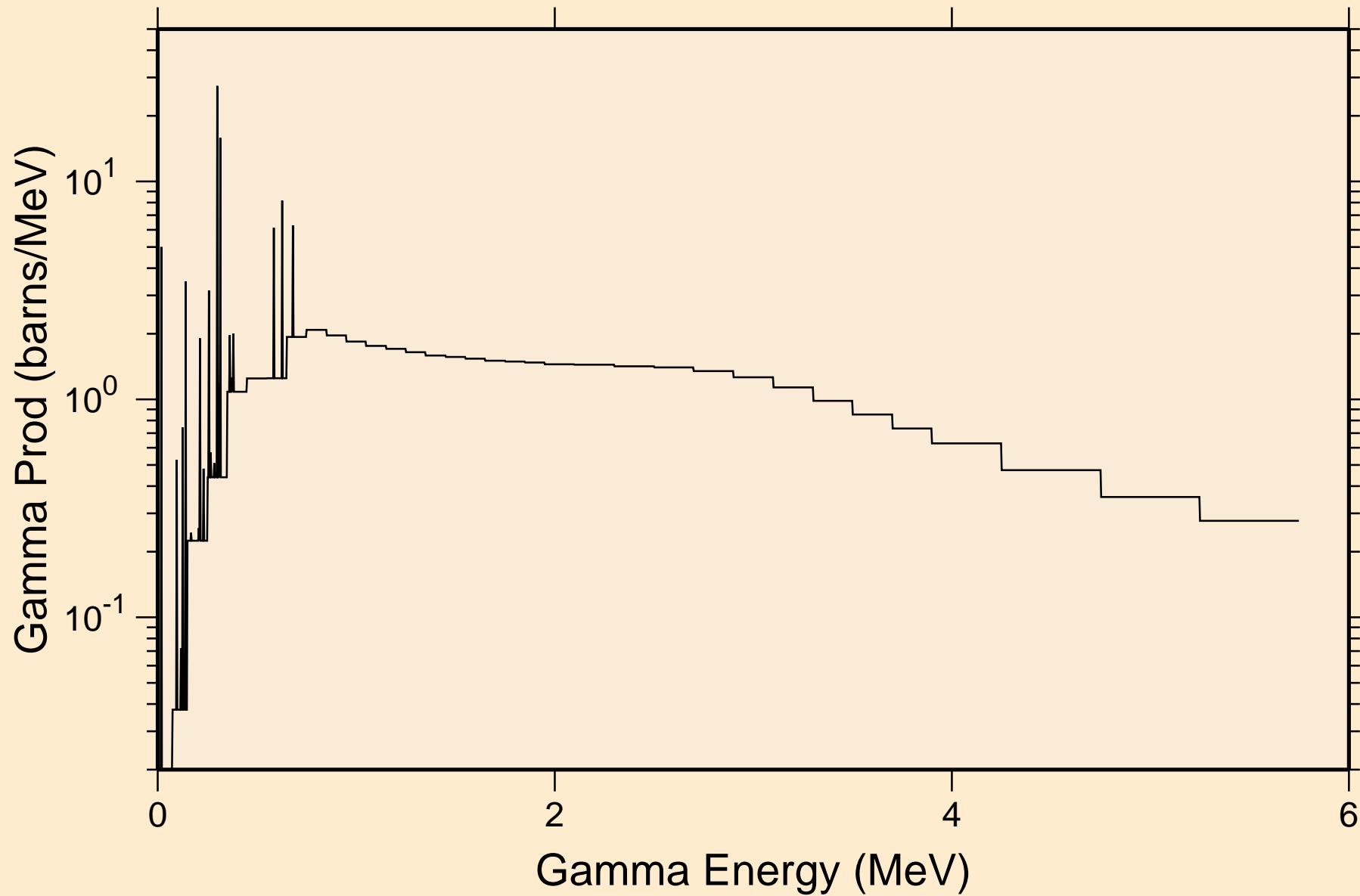
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



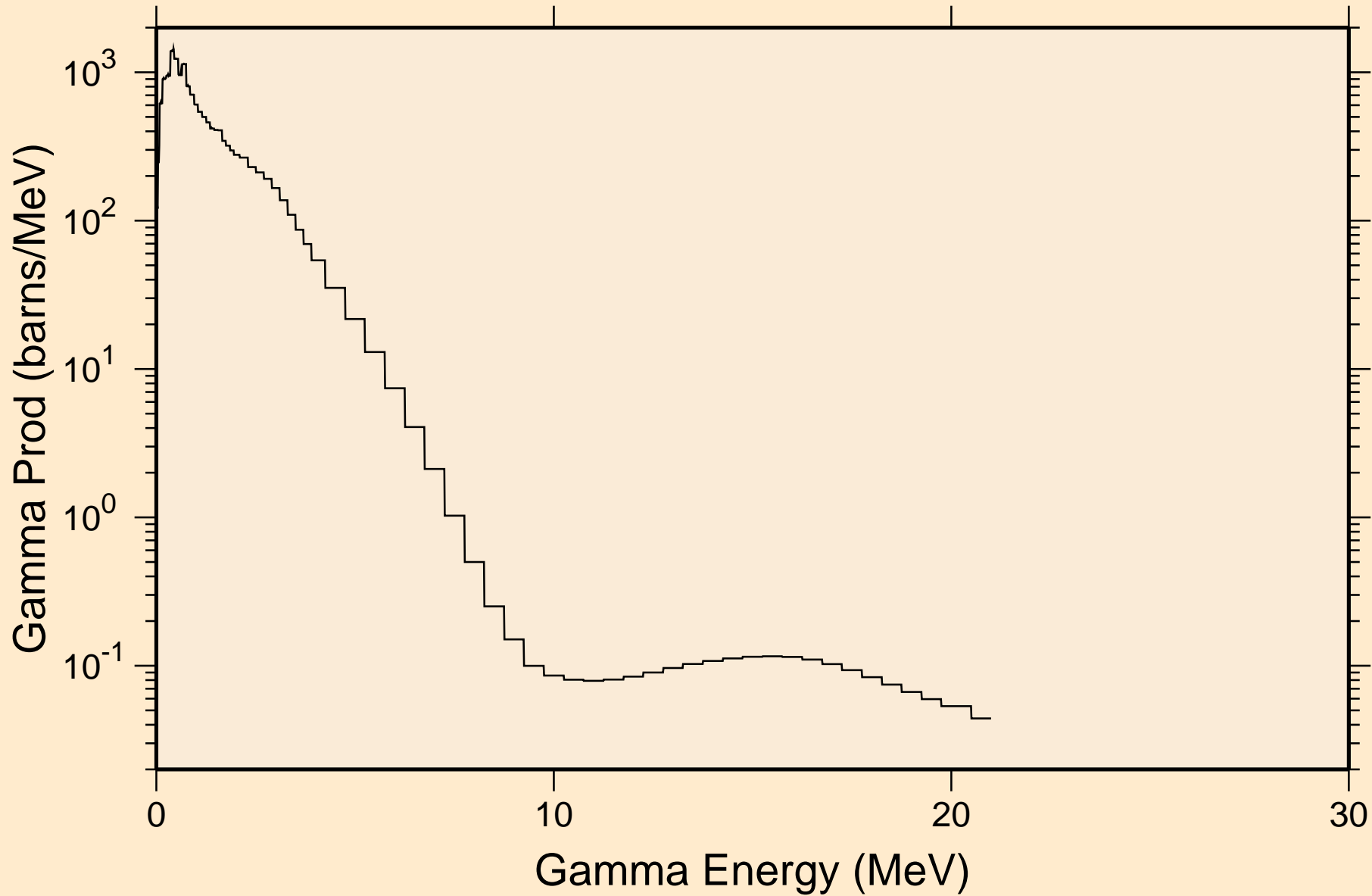
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

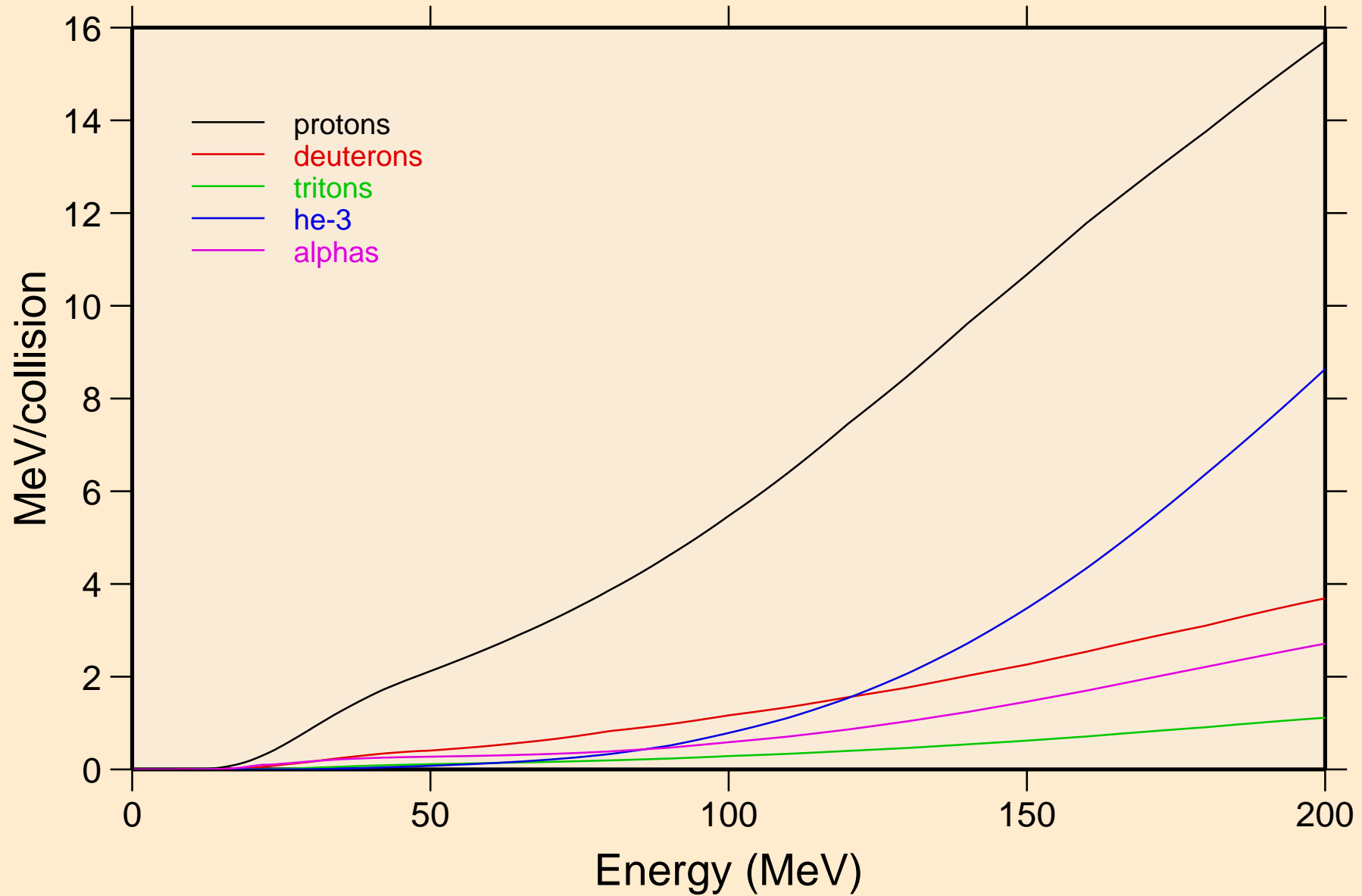


CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



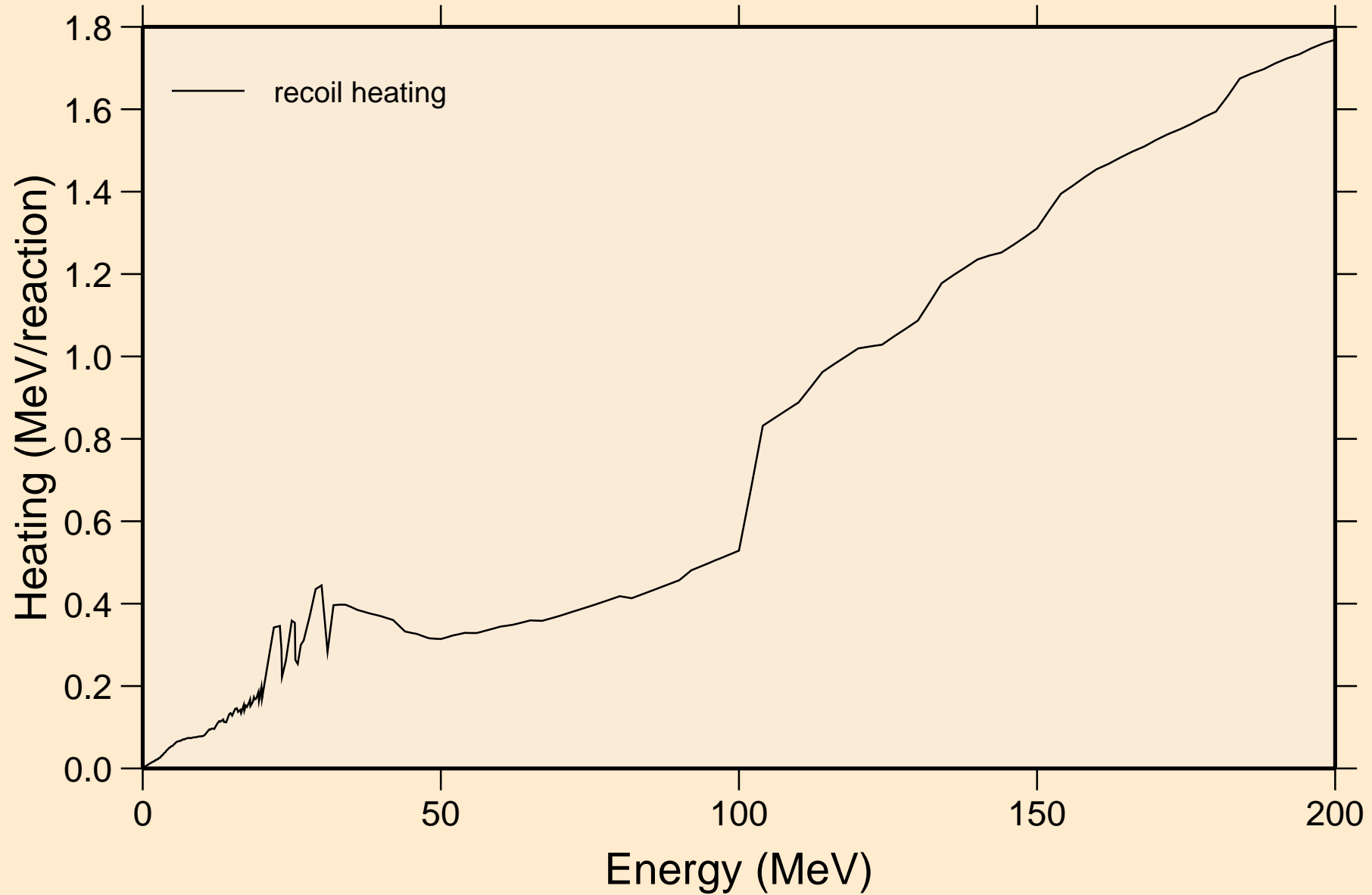
# CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



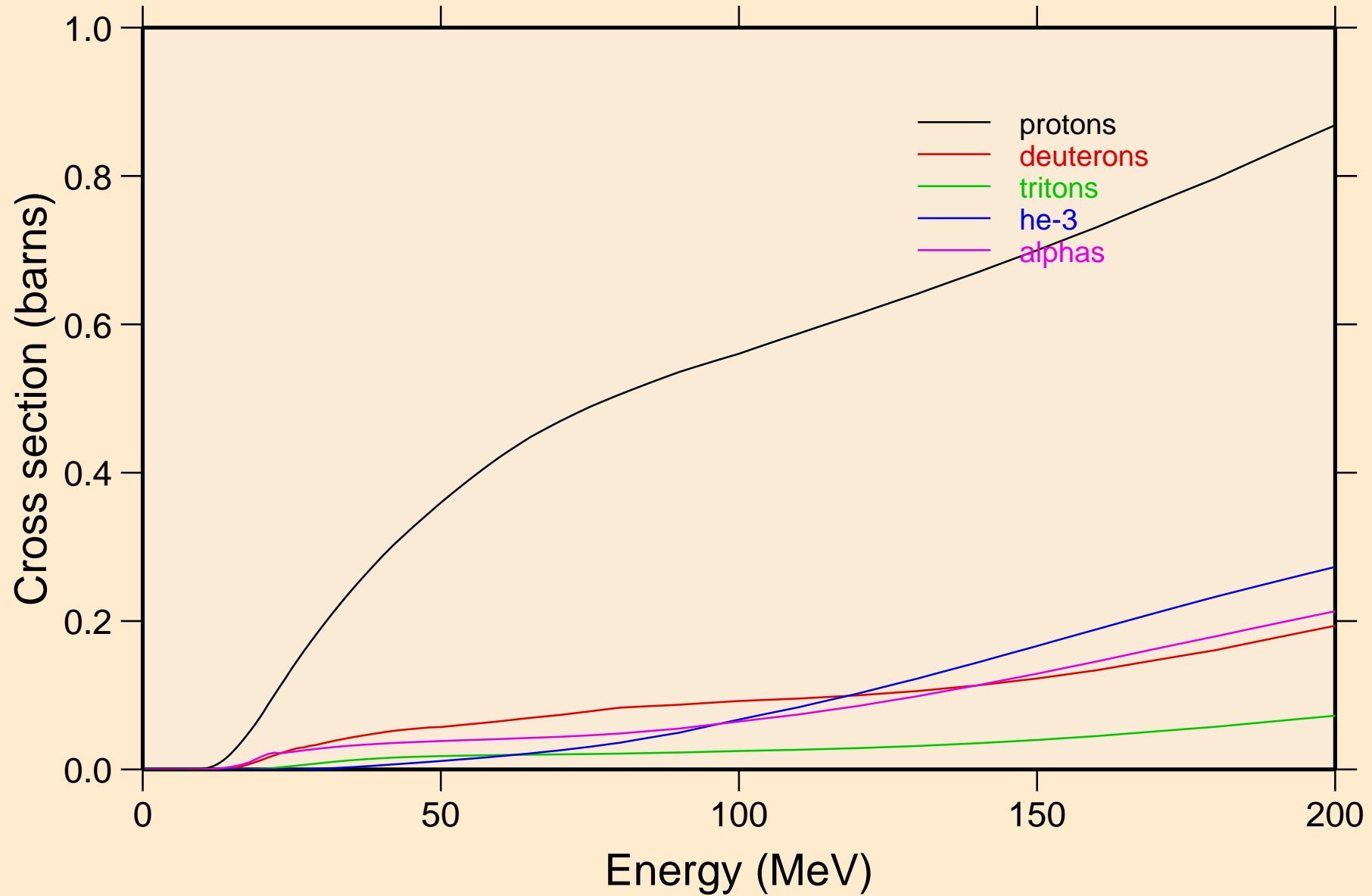
# CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

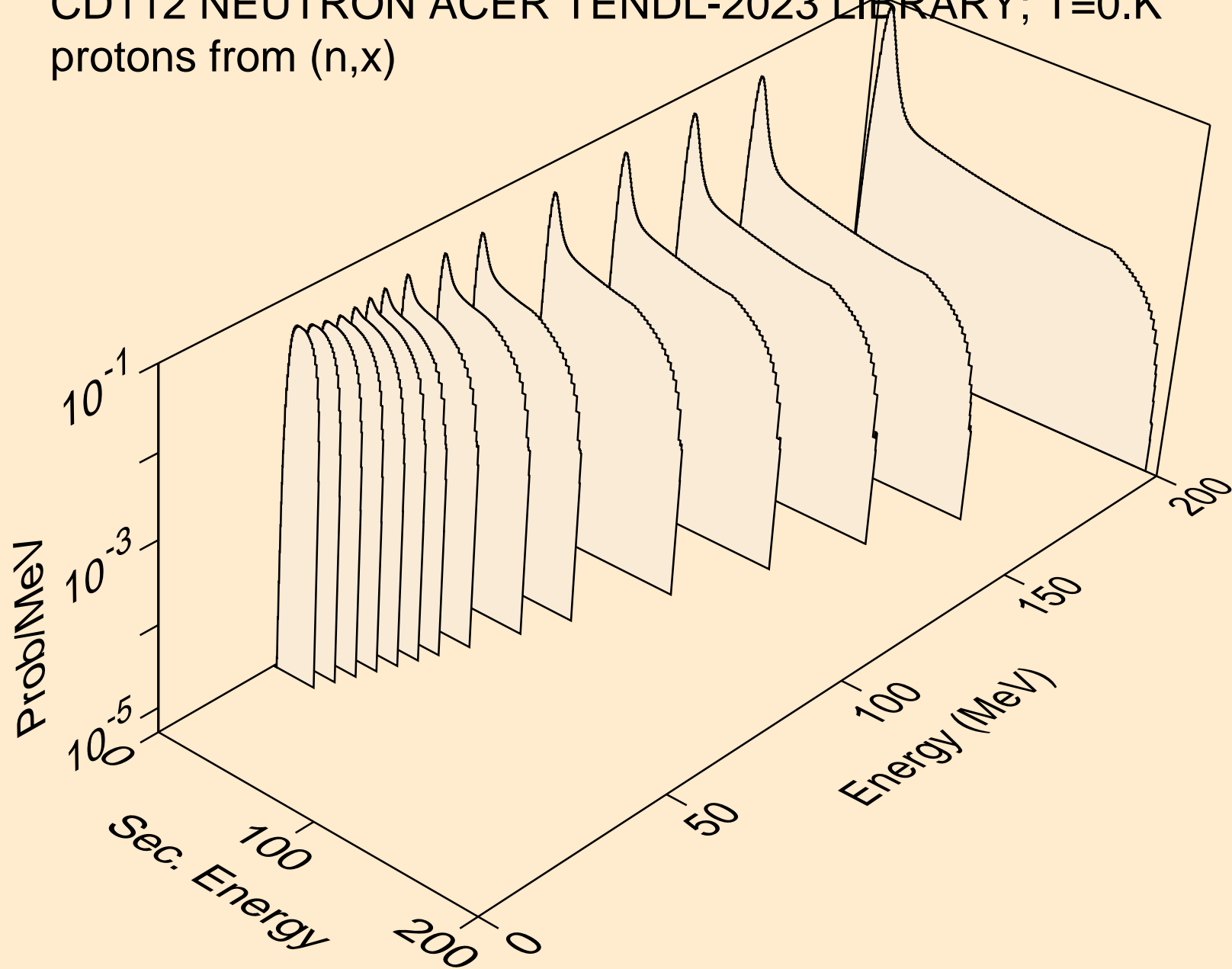


# CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

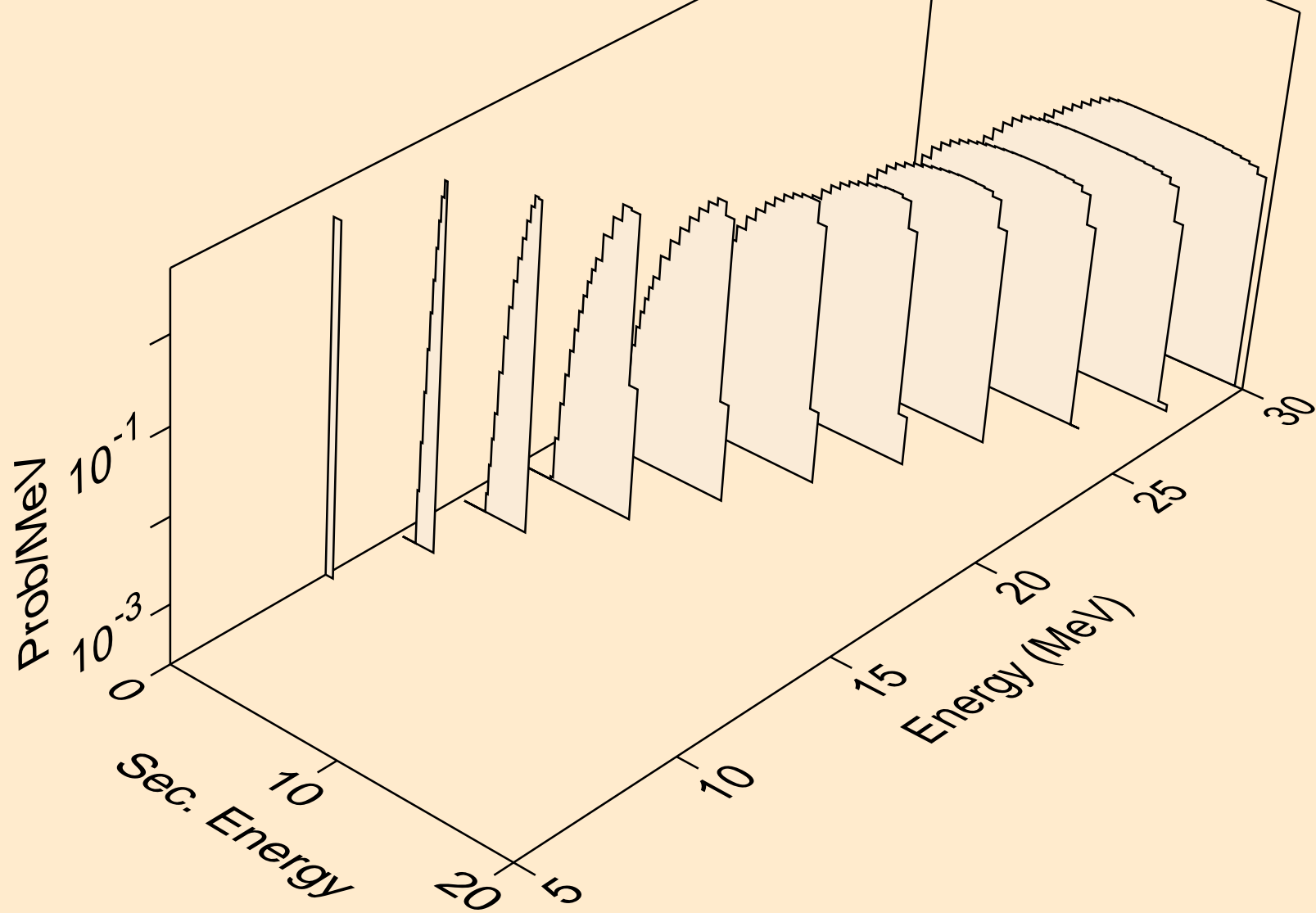
## Particle production cross sections



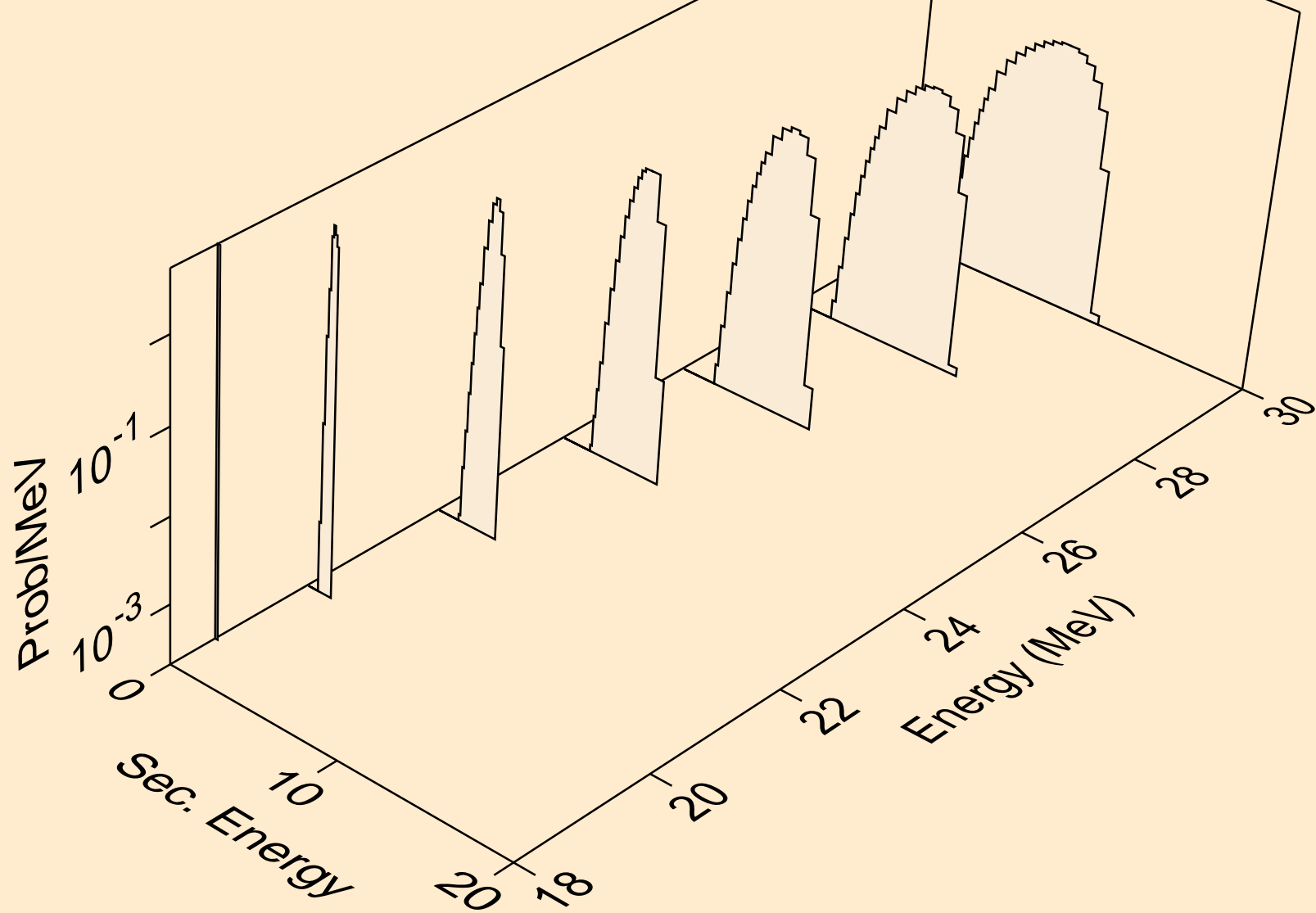
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



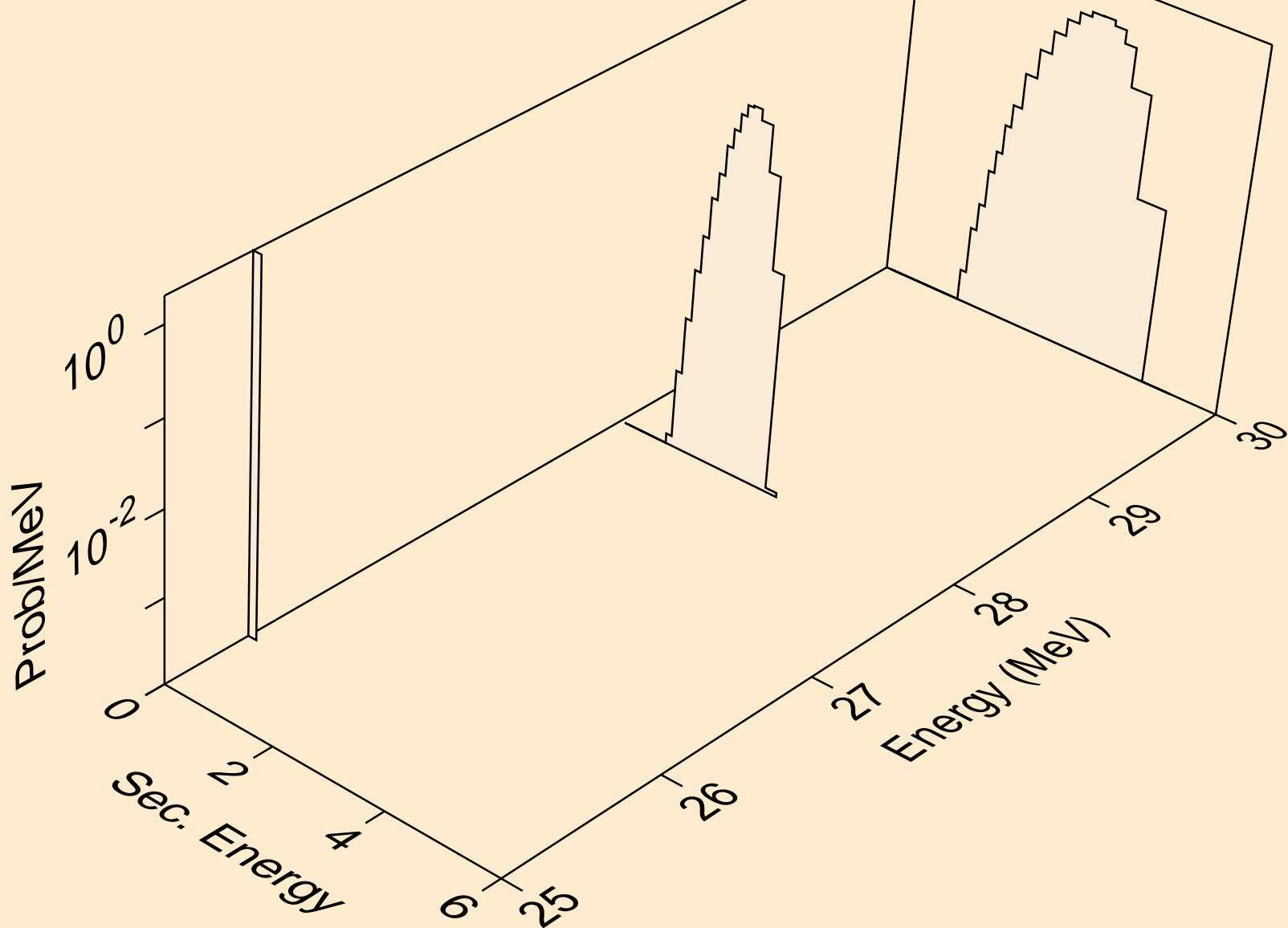
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



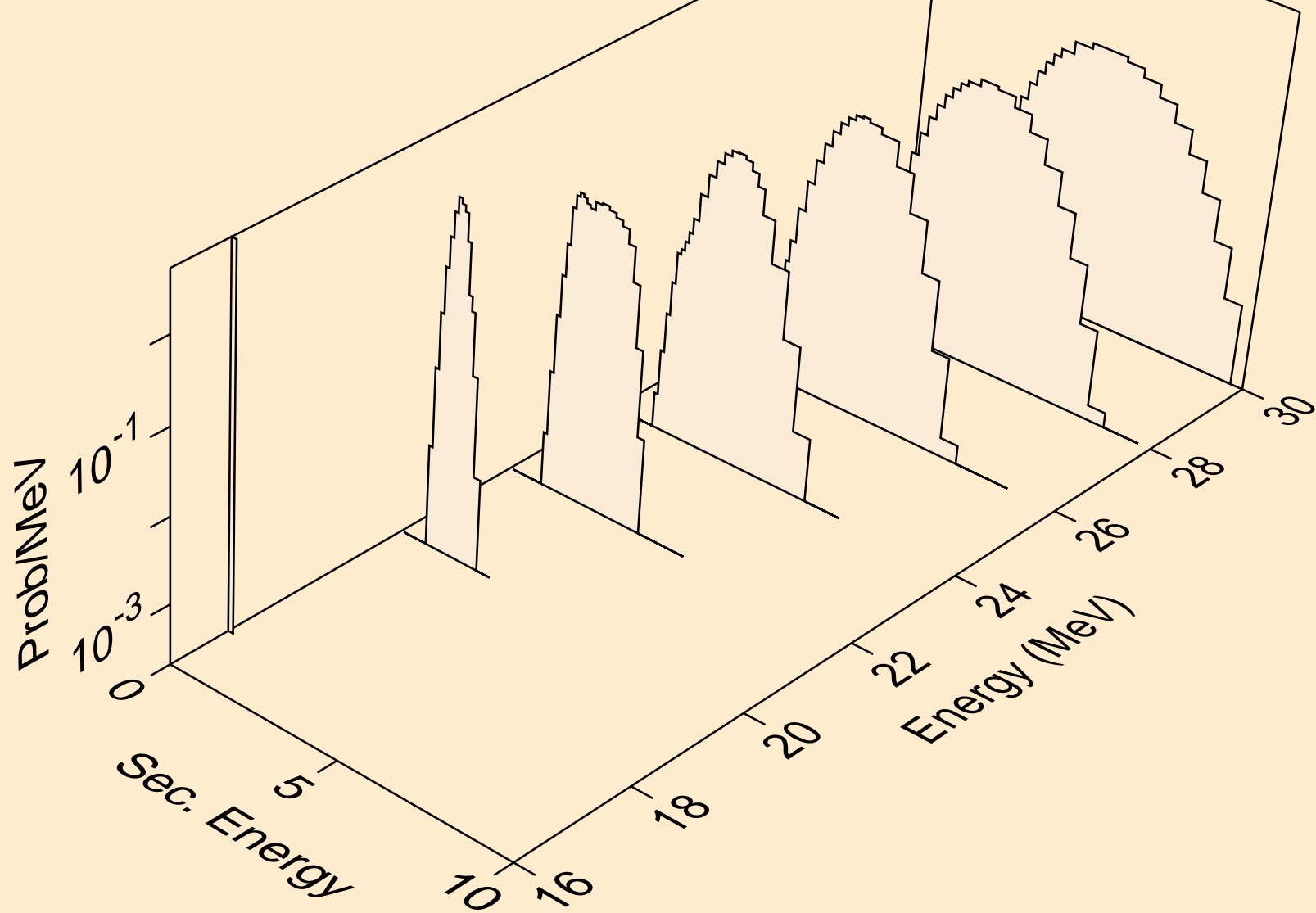
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



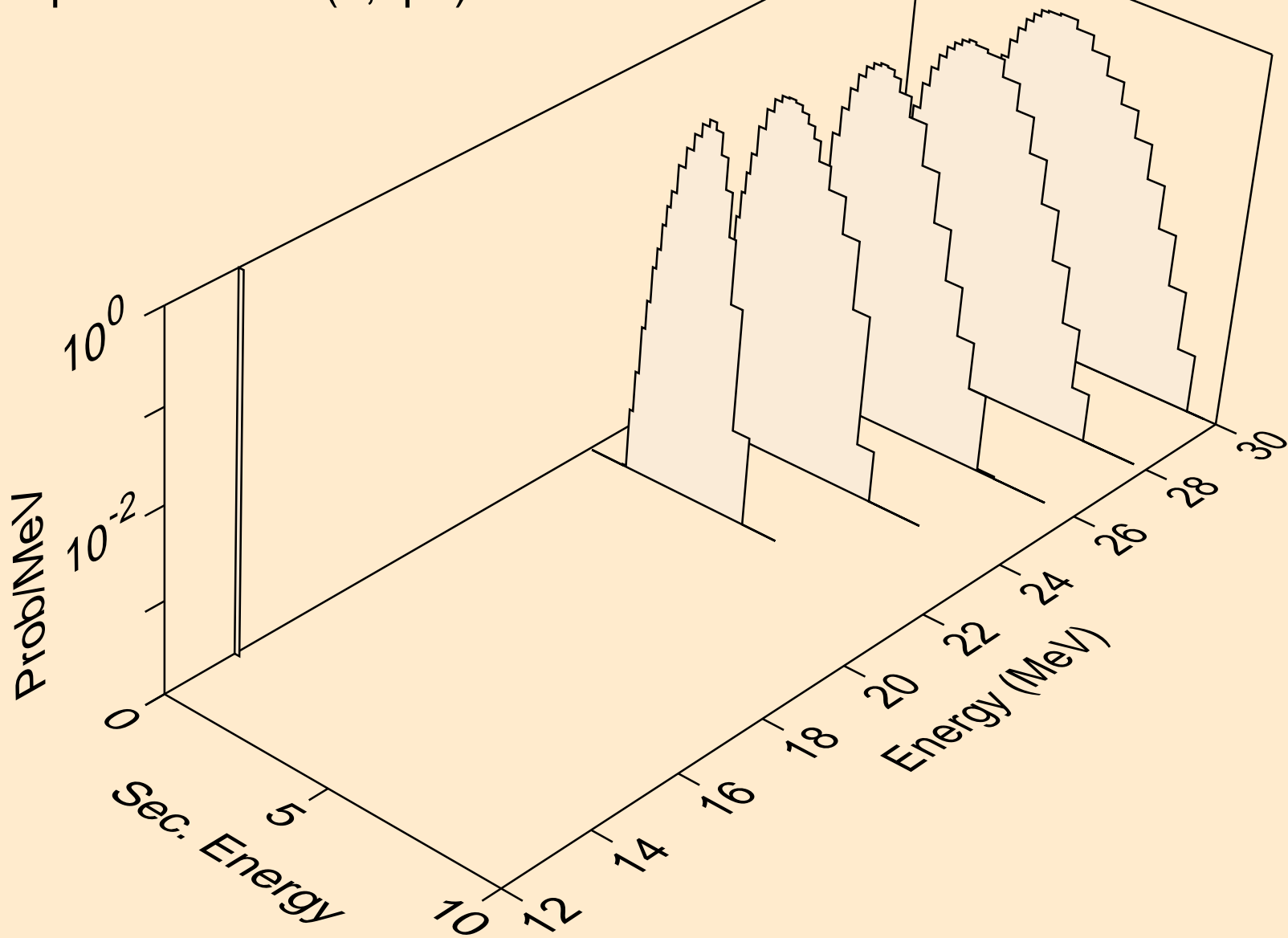
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



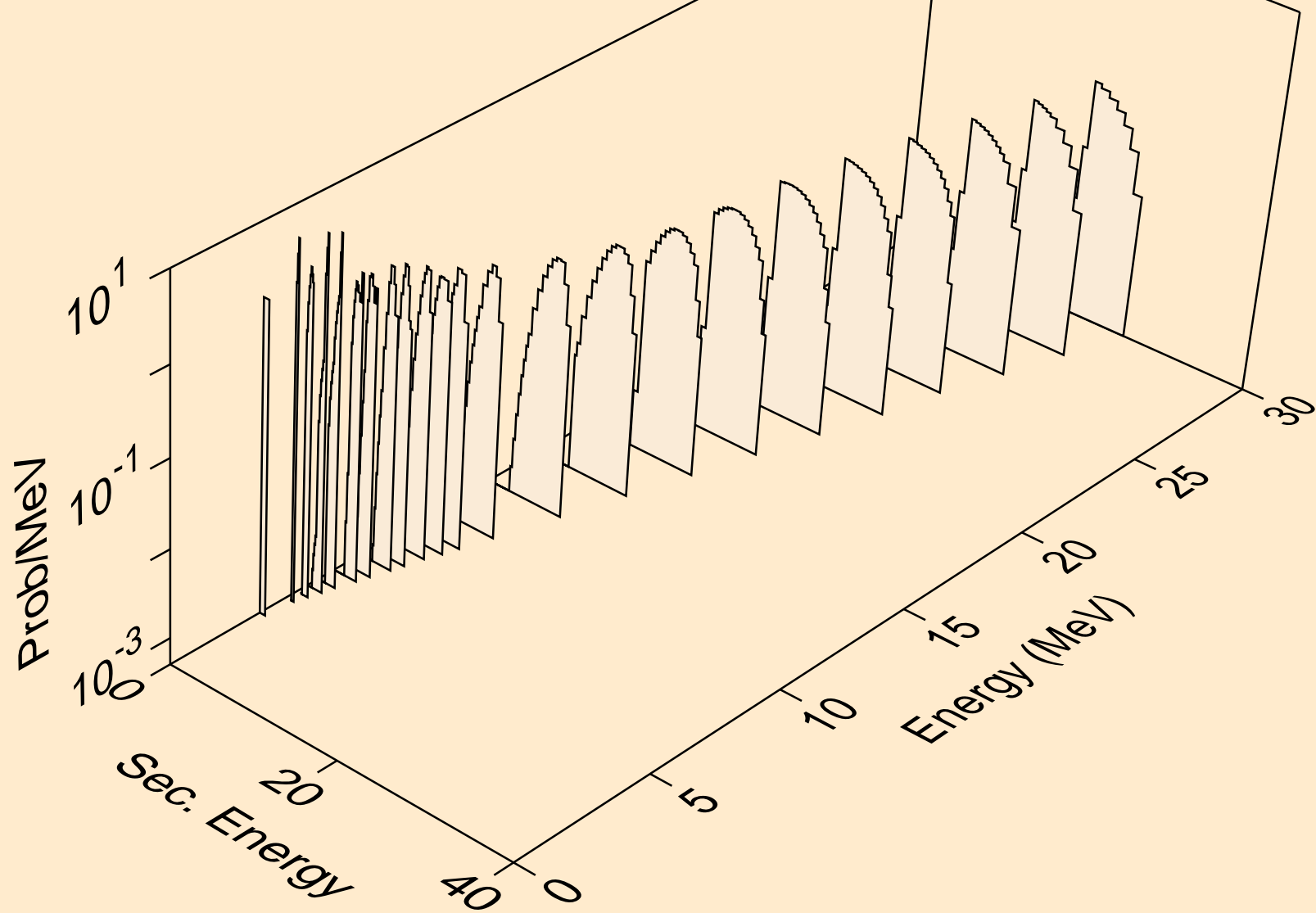
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)



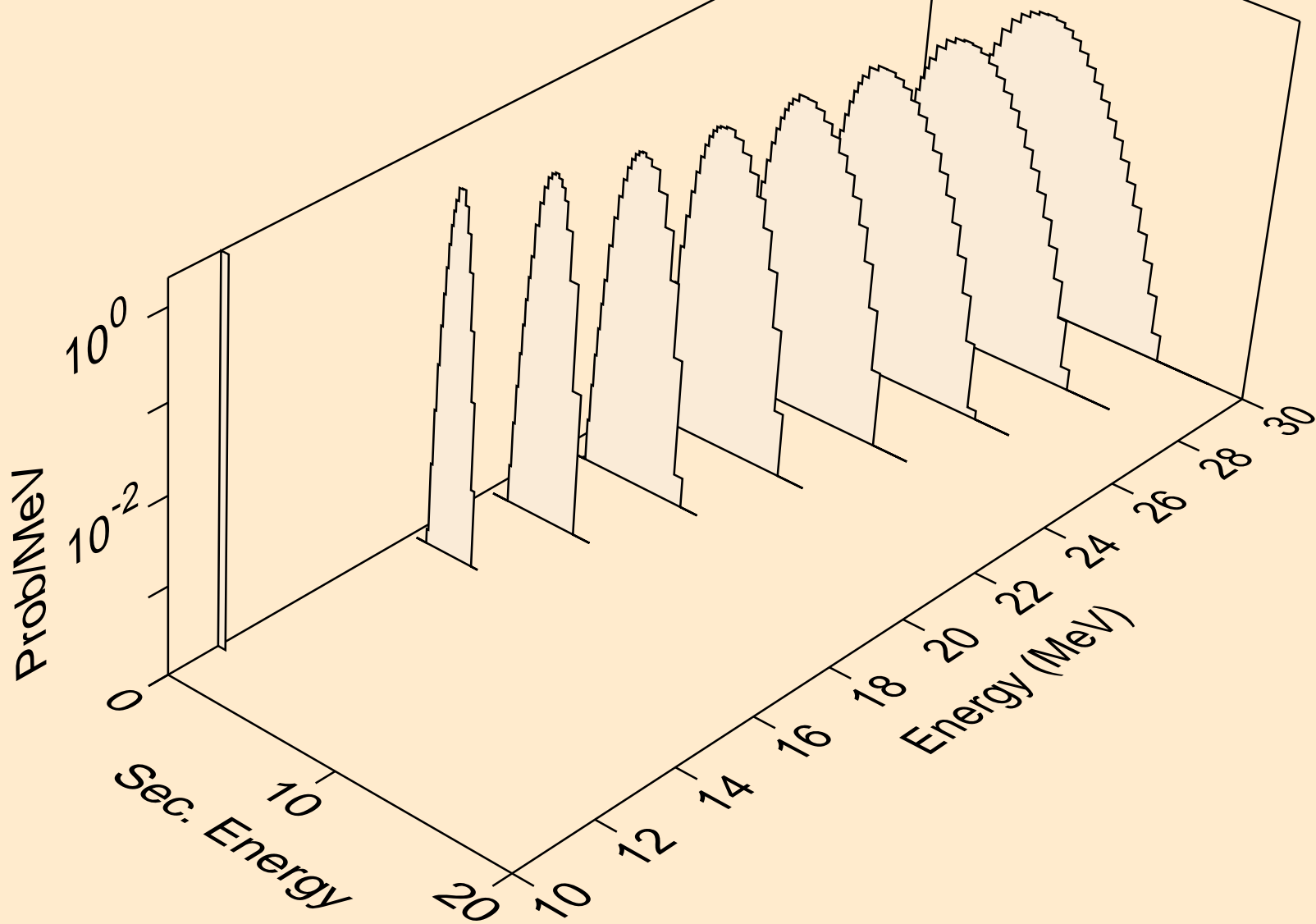
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,npa)



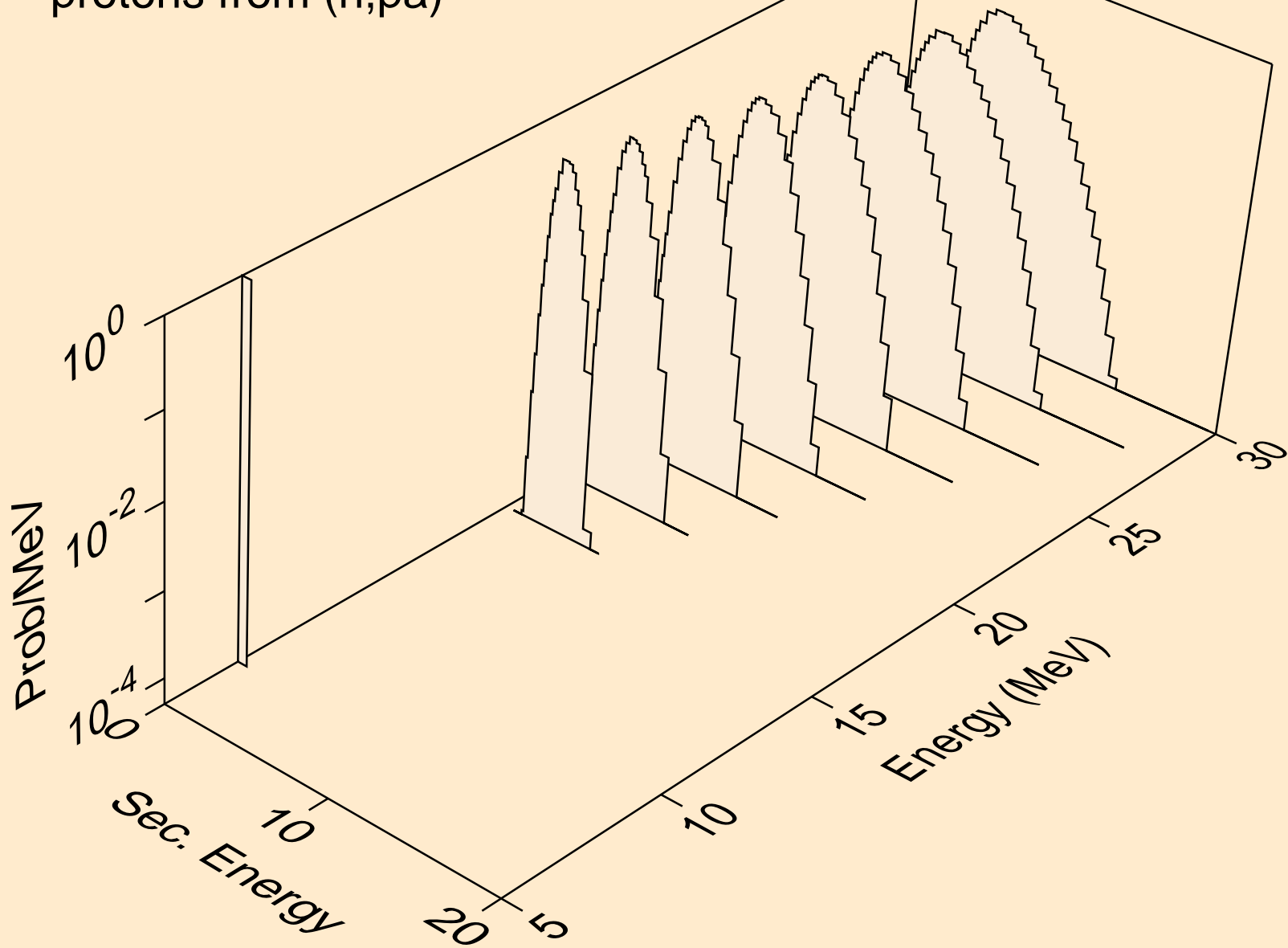
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



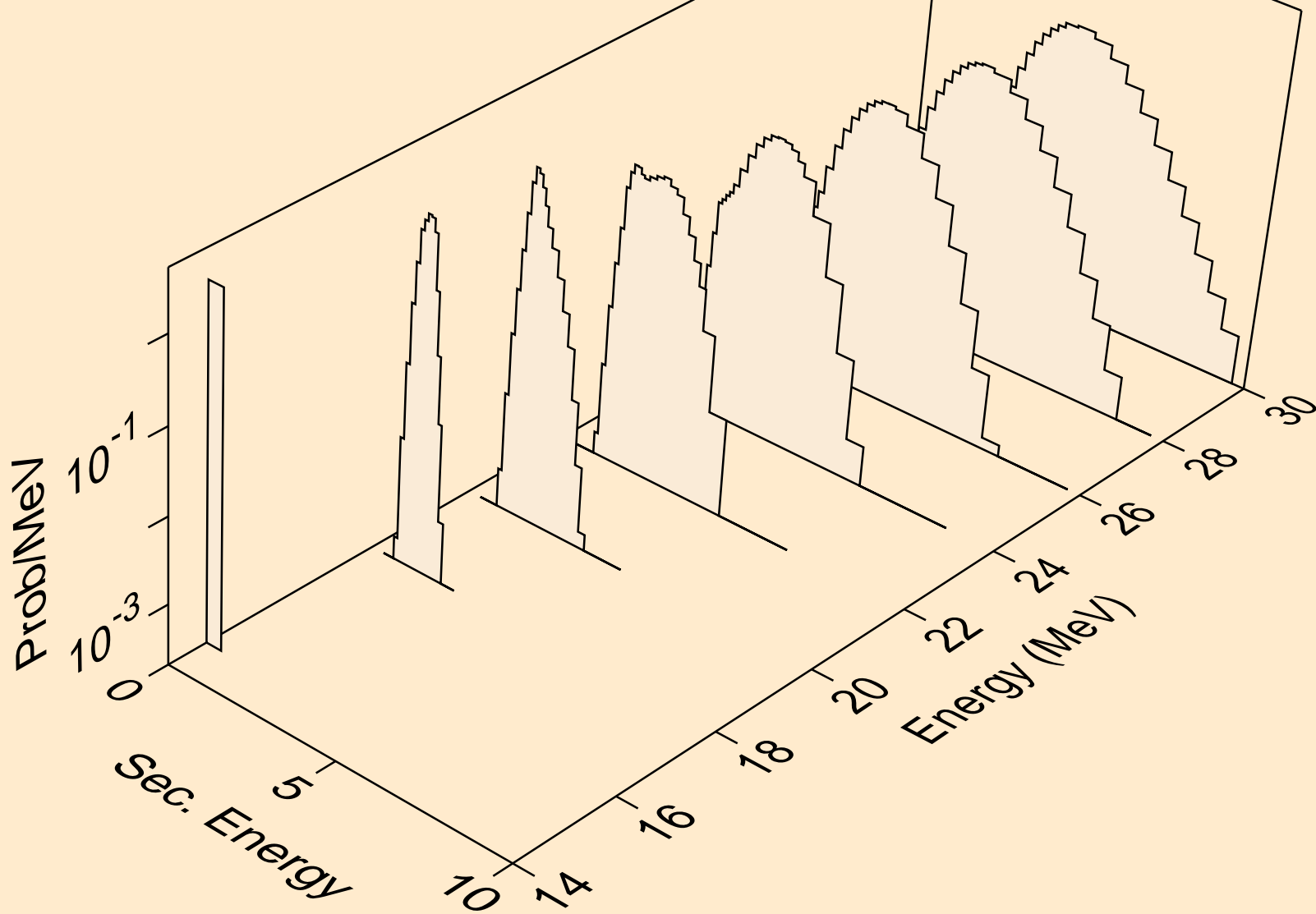
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)



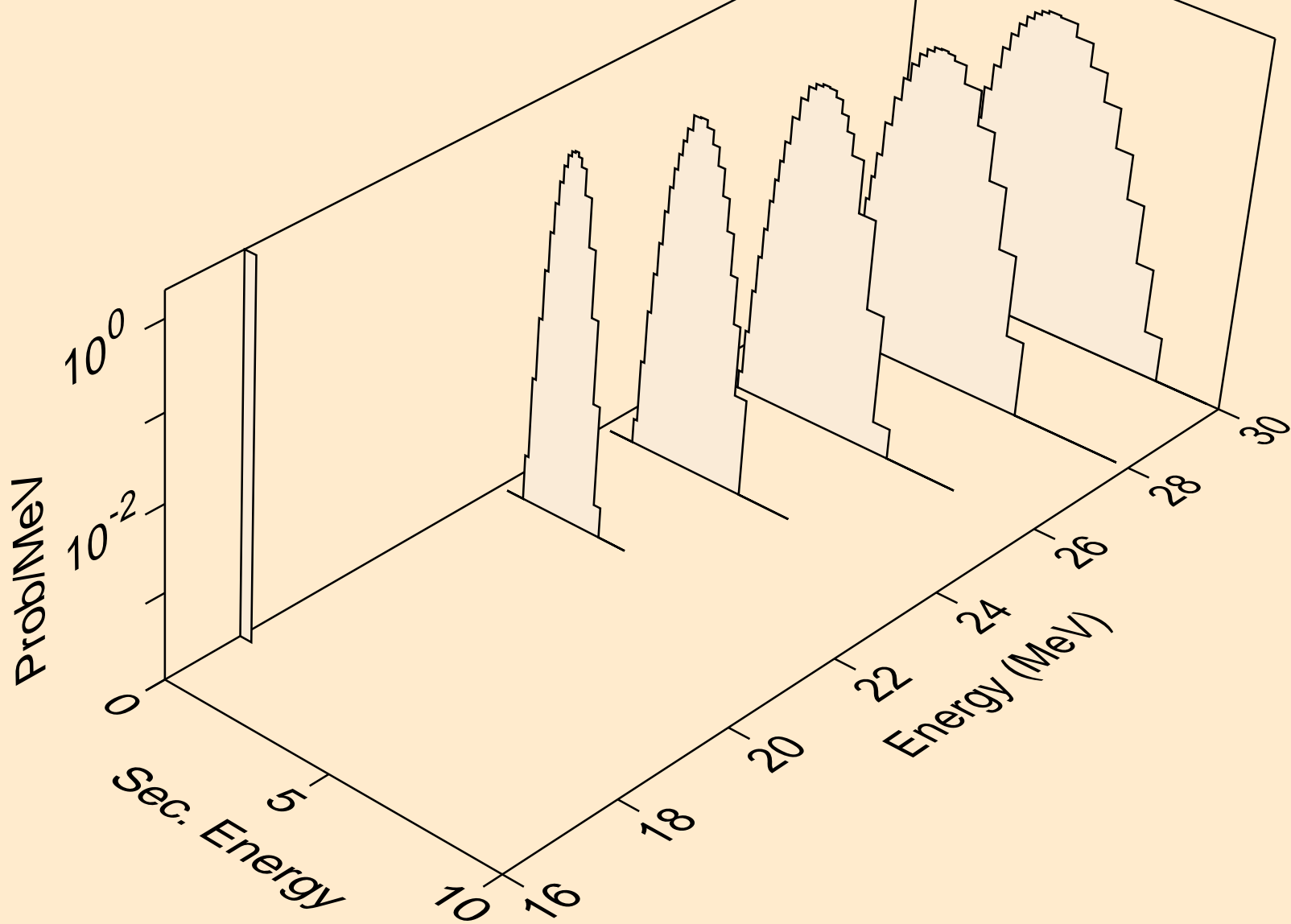
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pa)



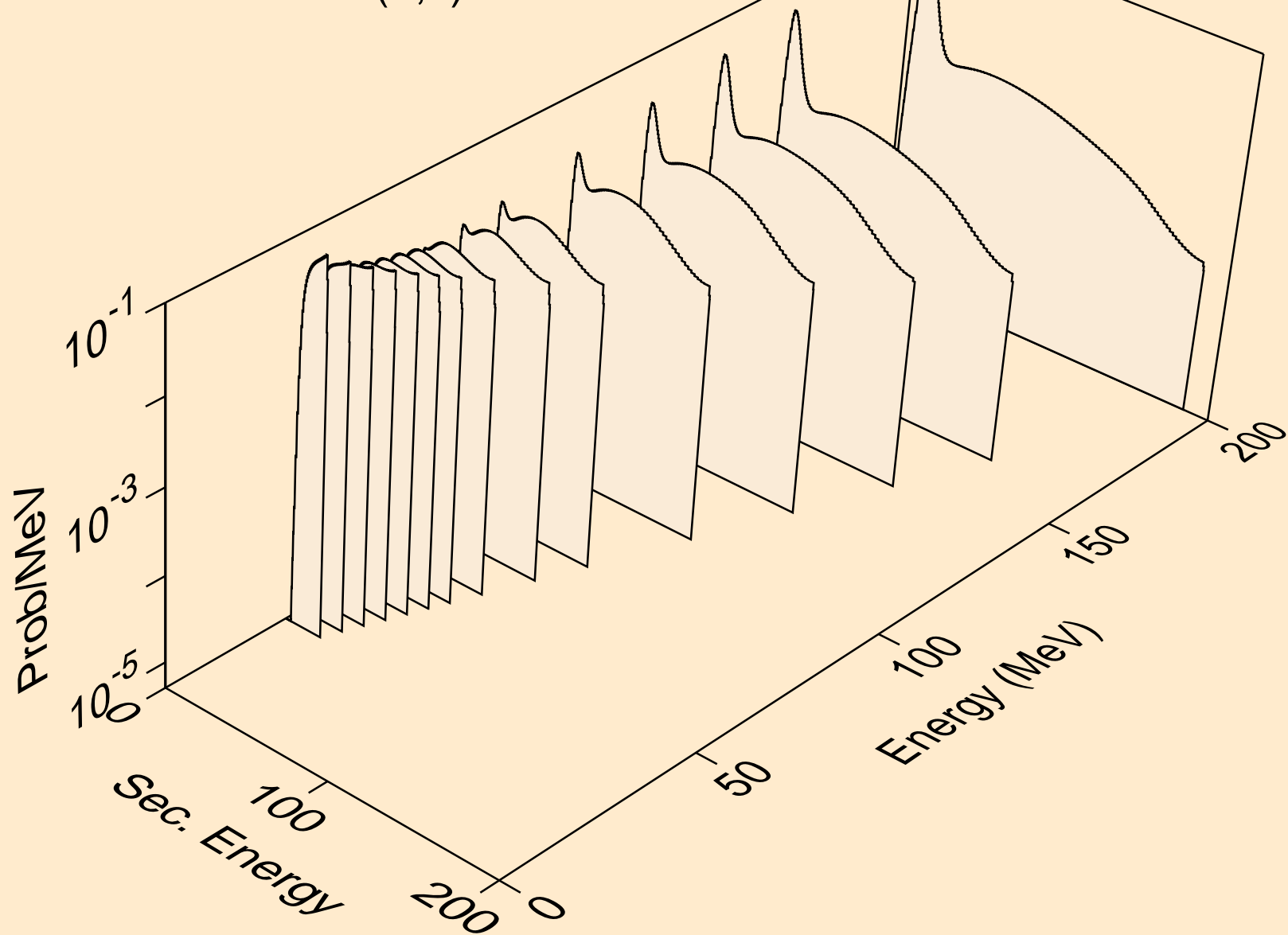
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)



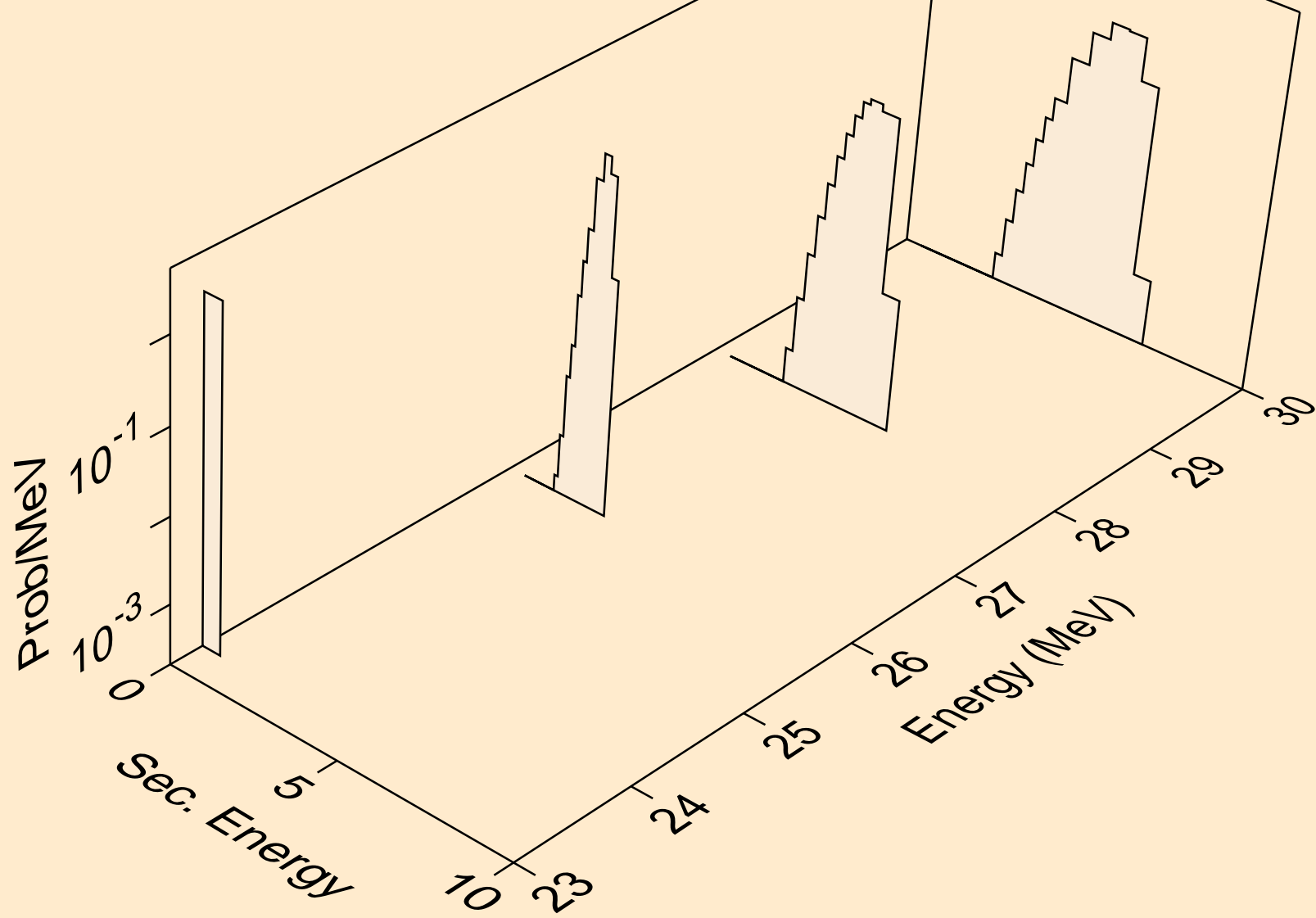
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pt)



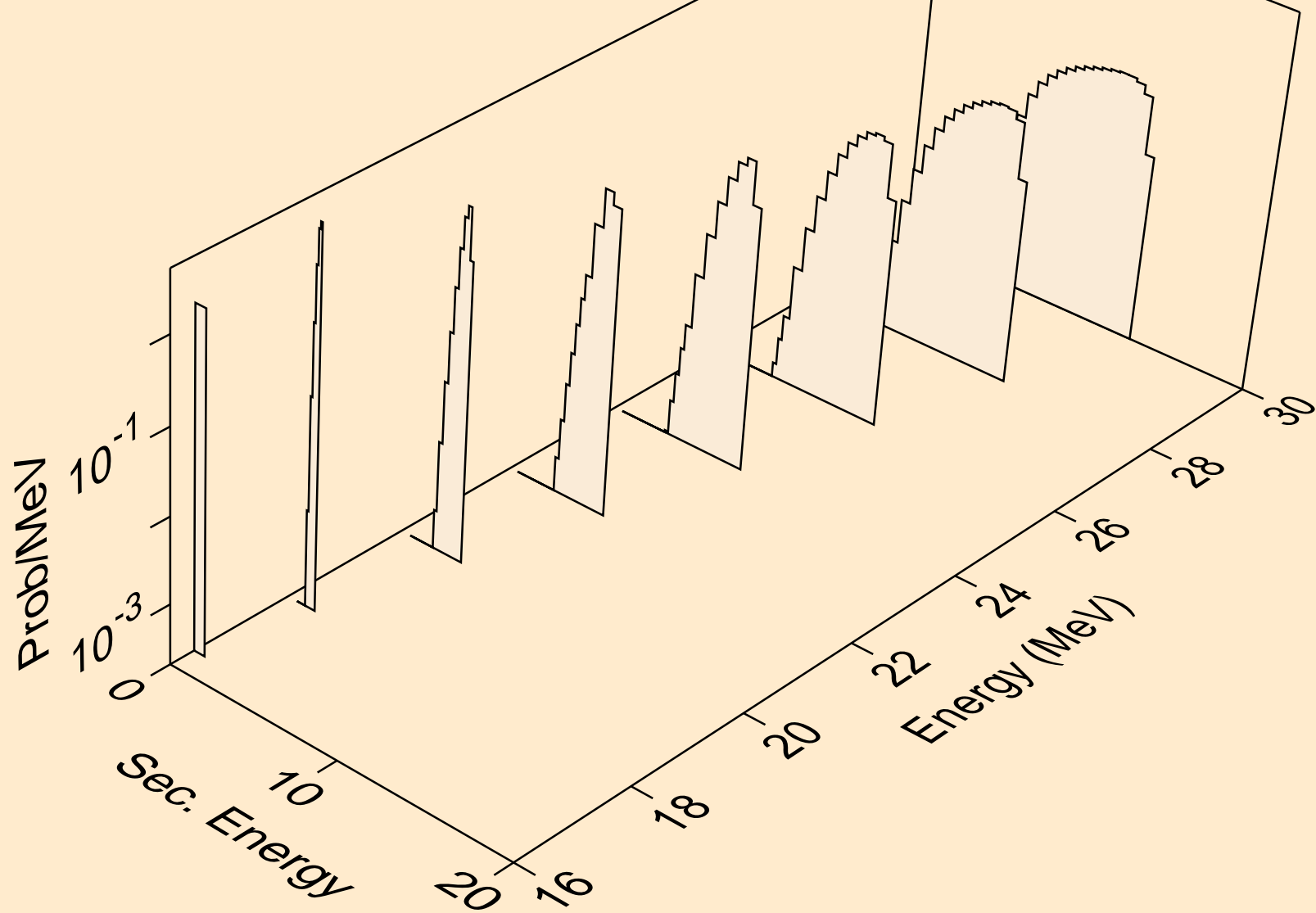
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



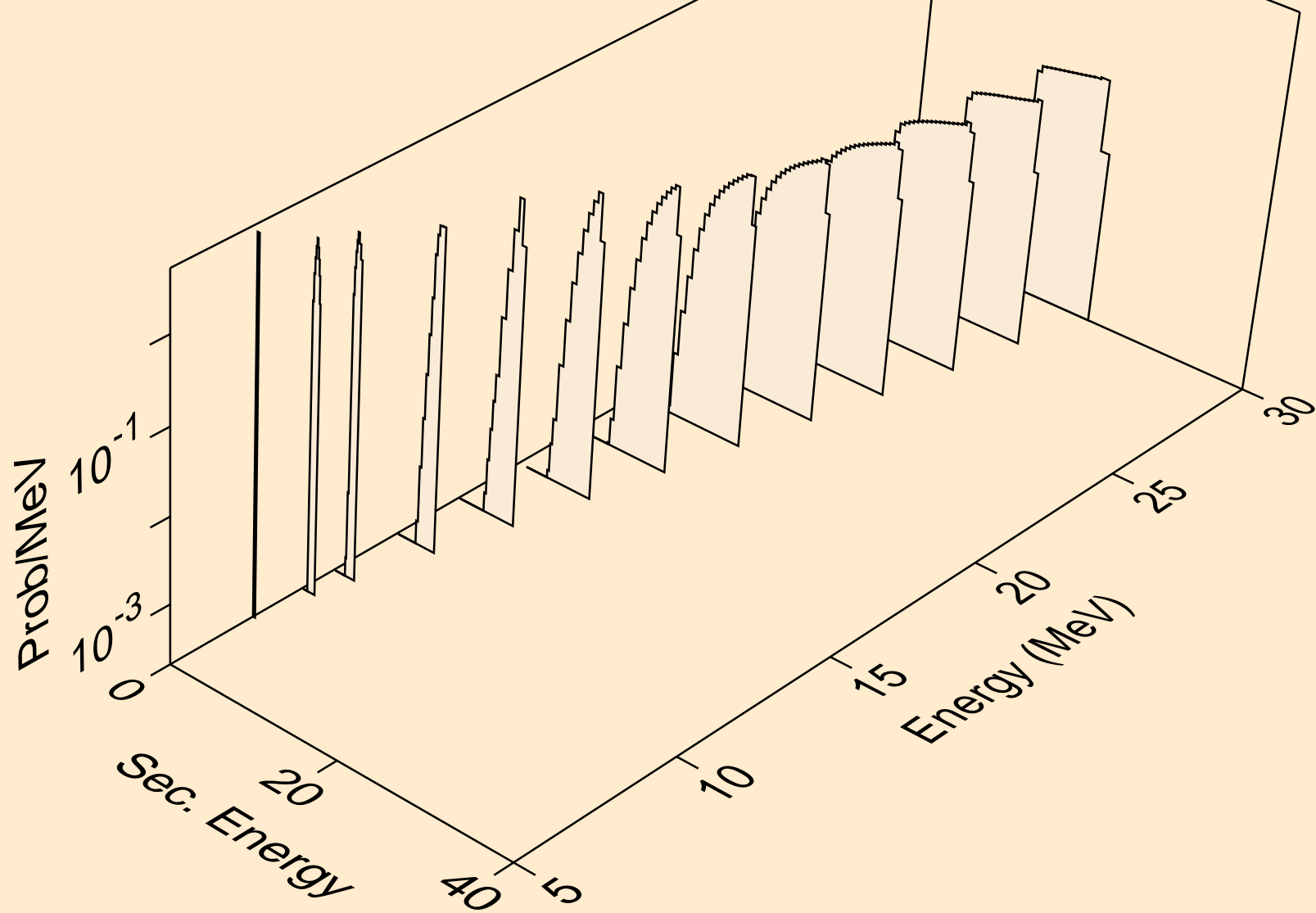
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)



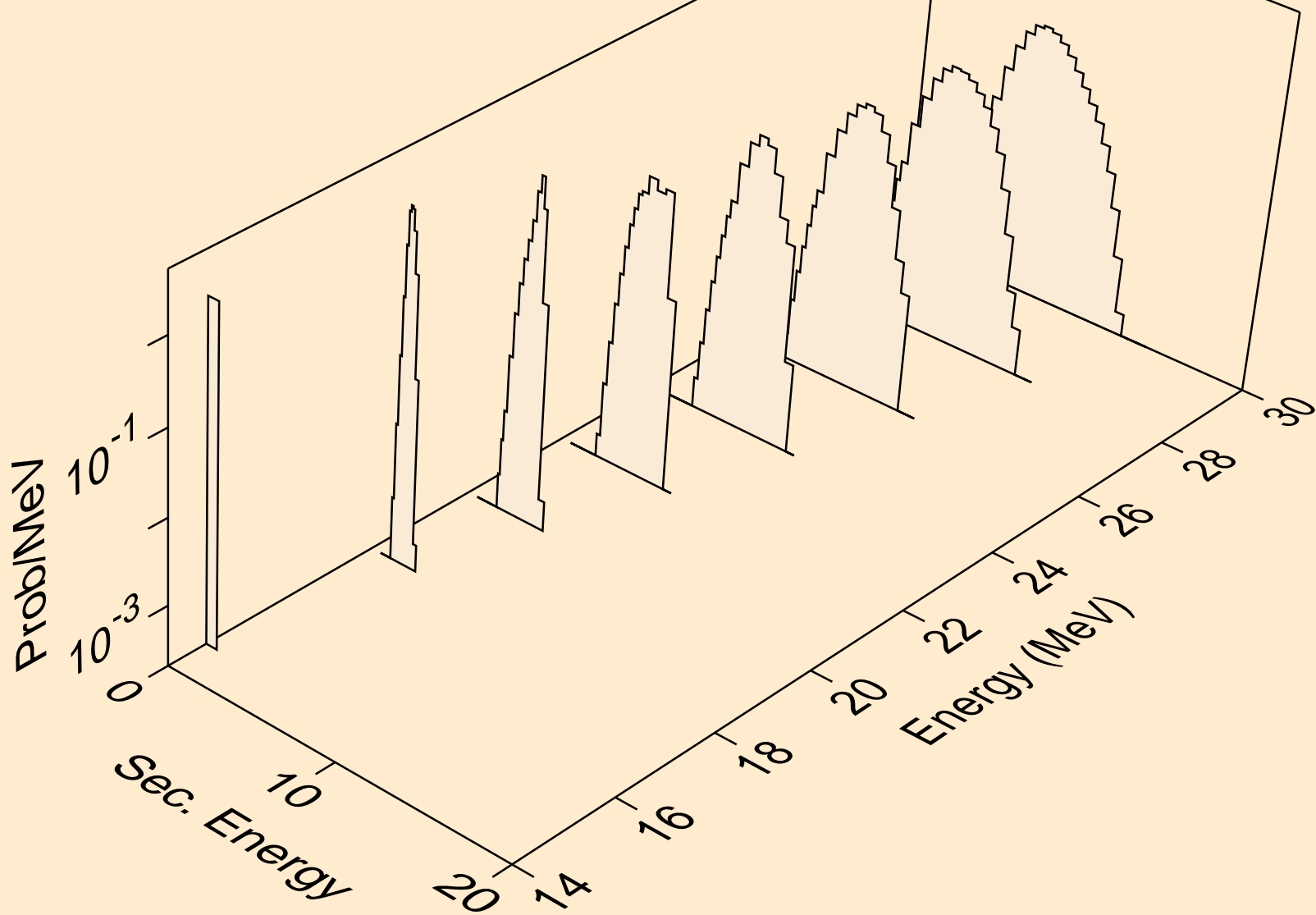
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



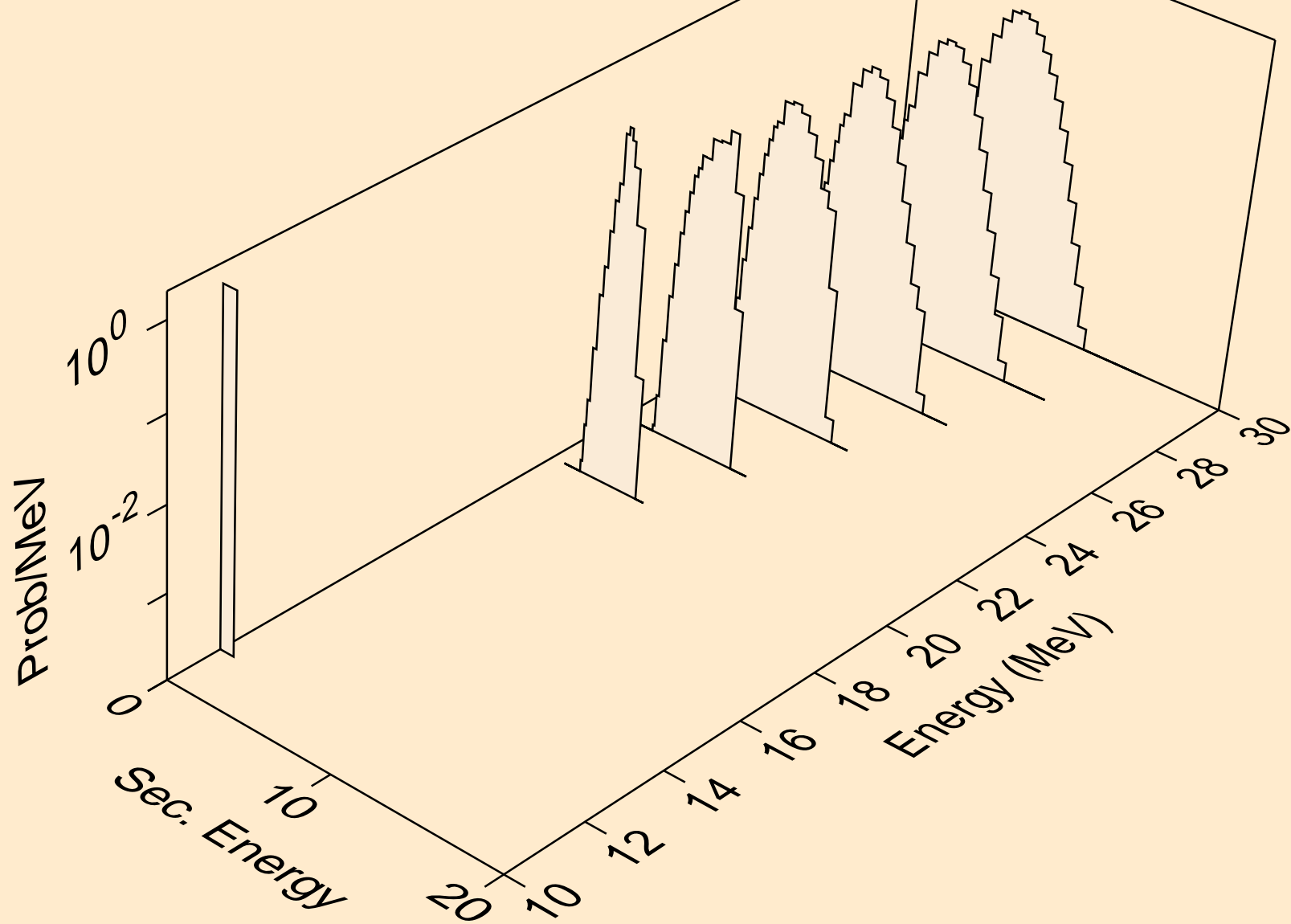
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



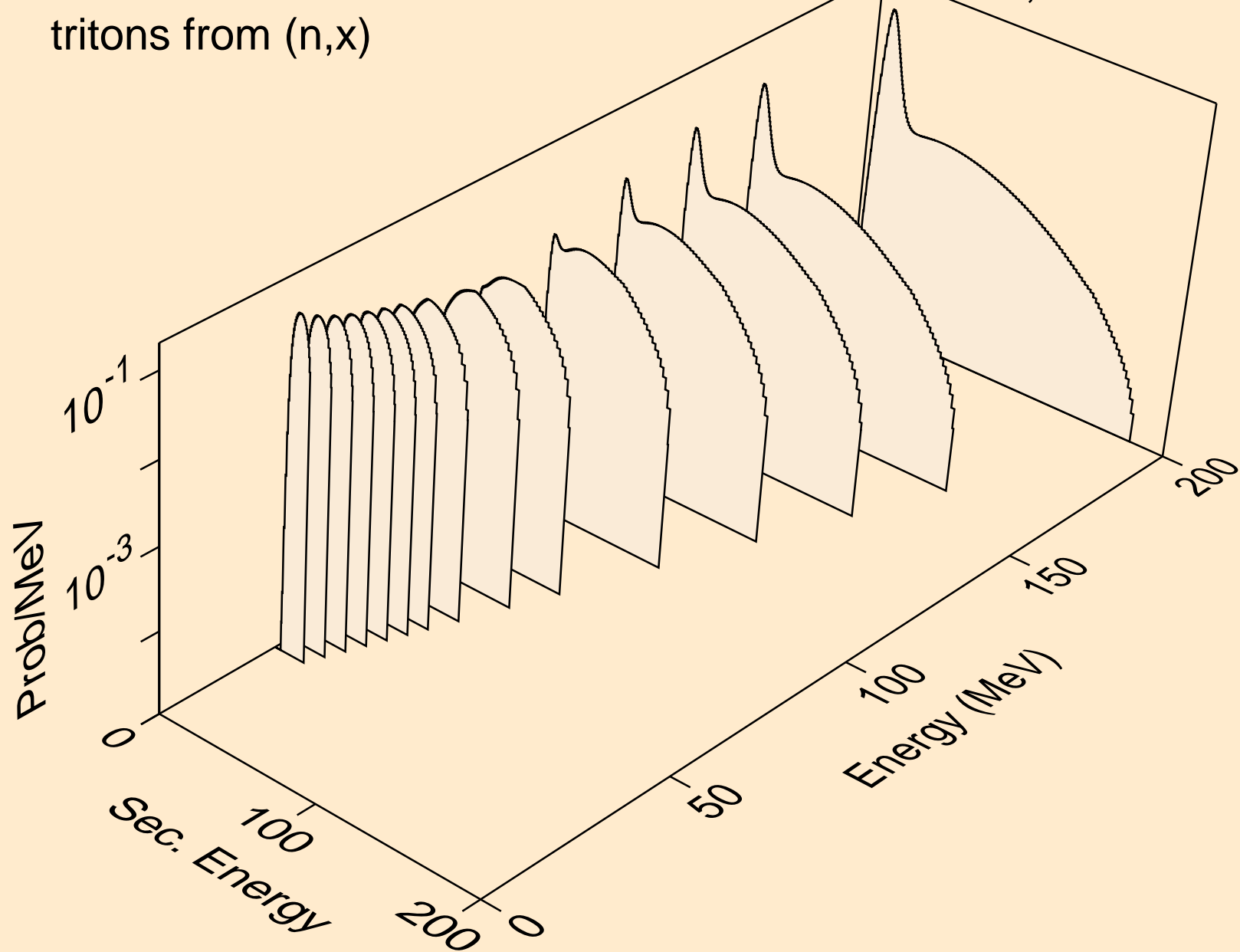
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)



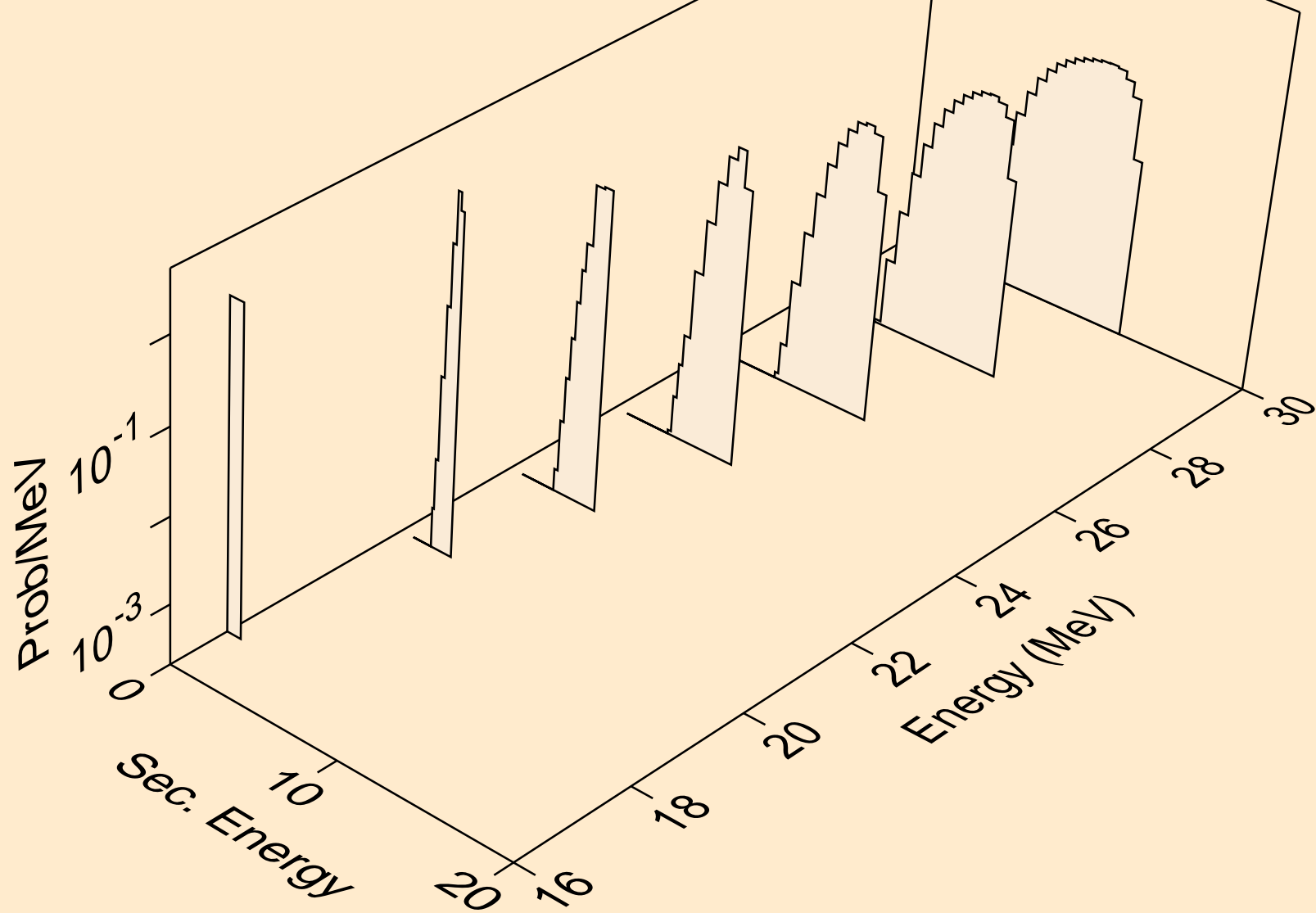
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,da)



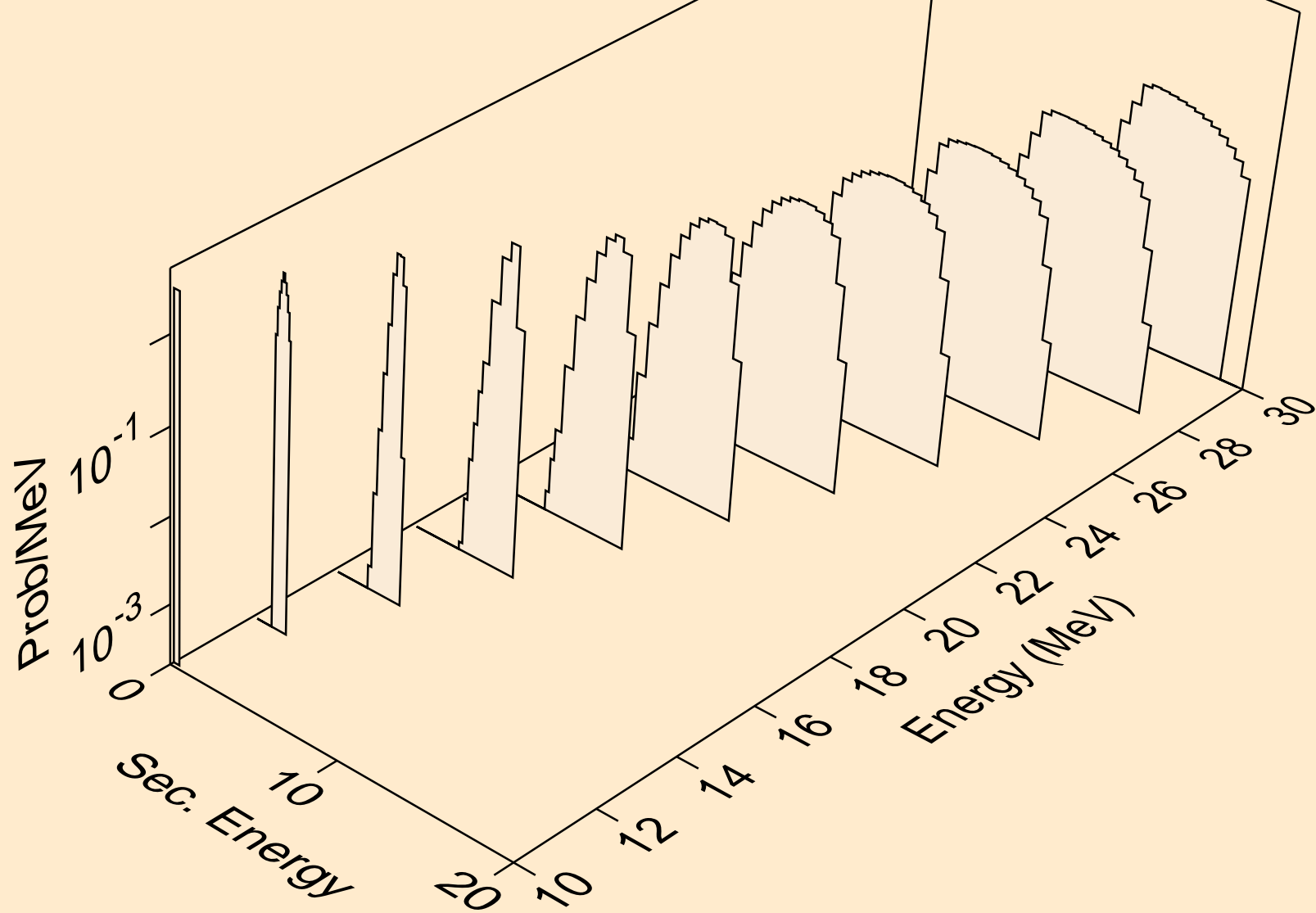
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



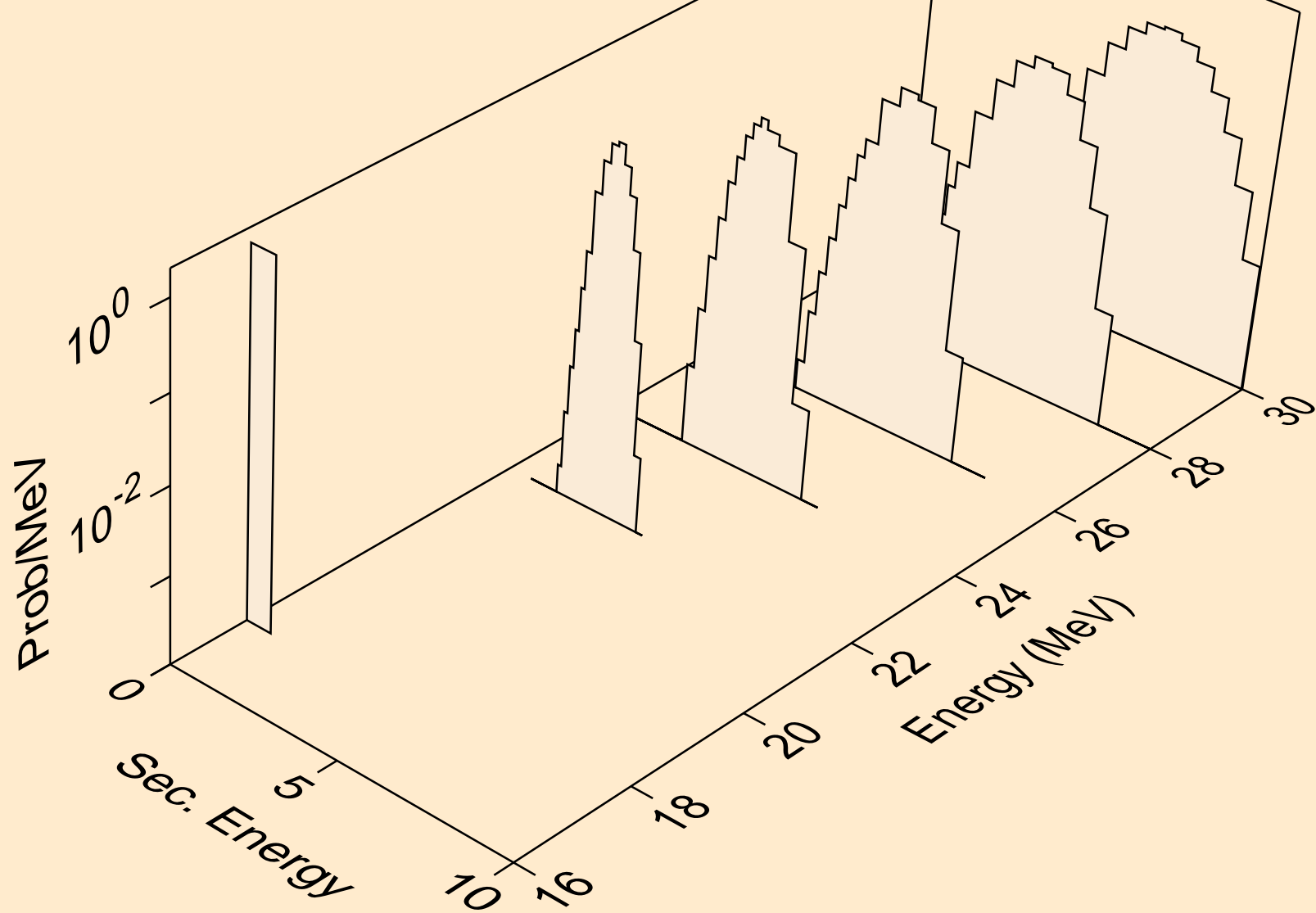
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



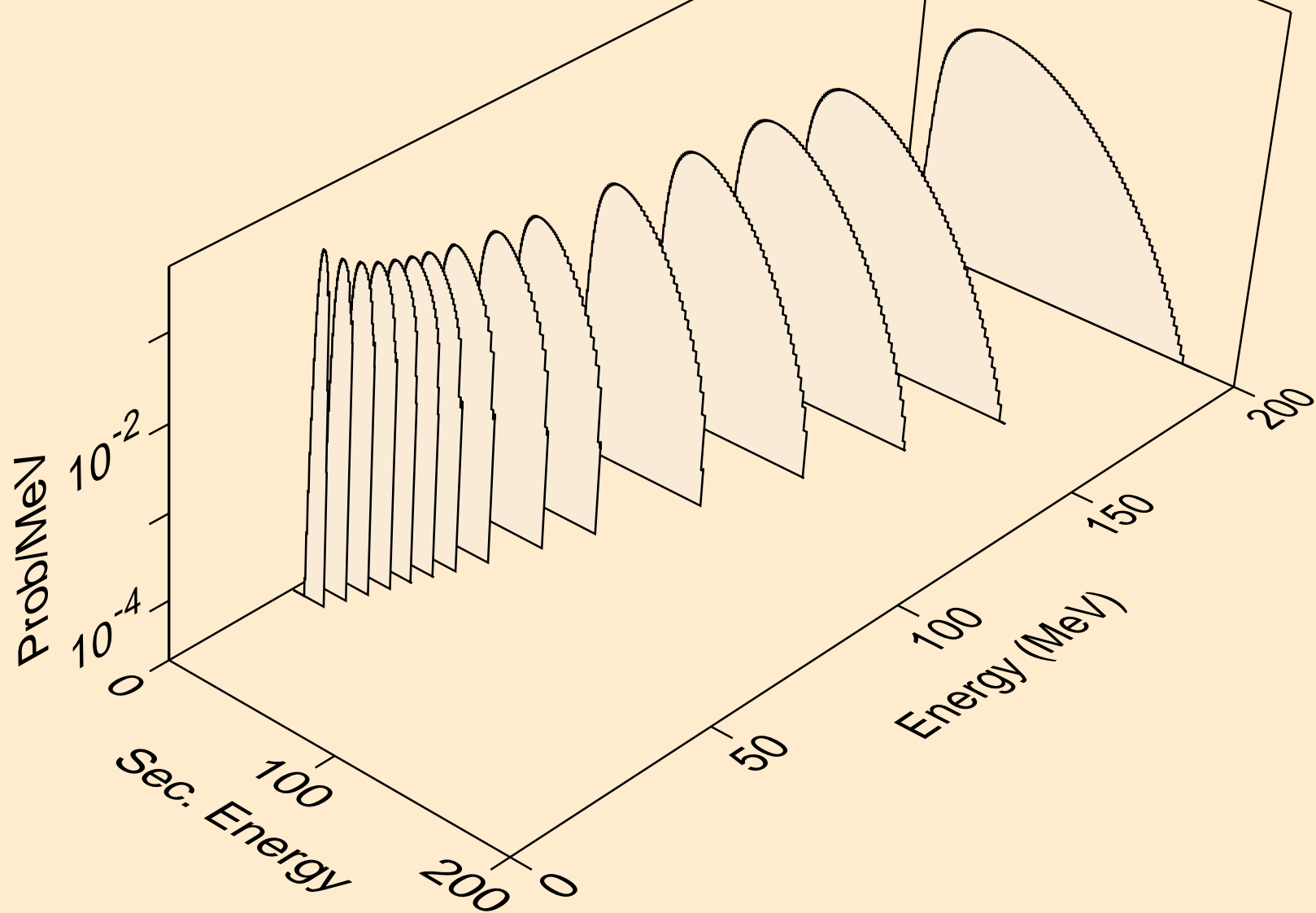
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)



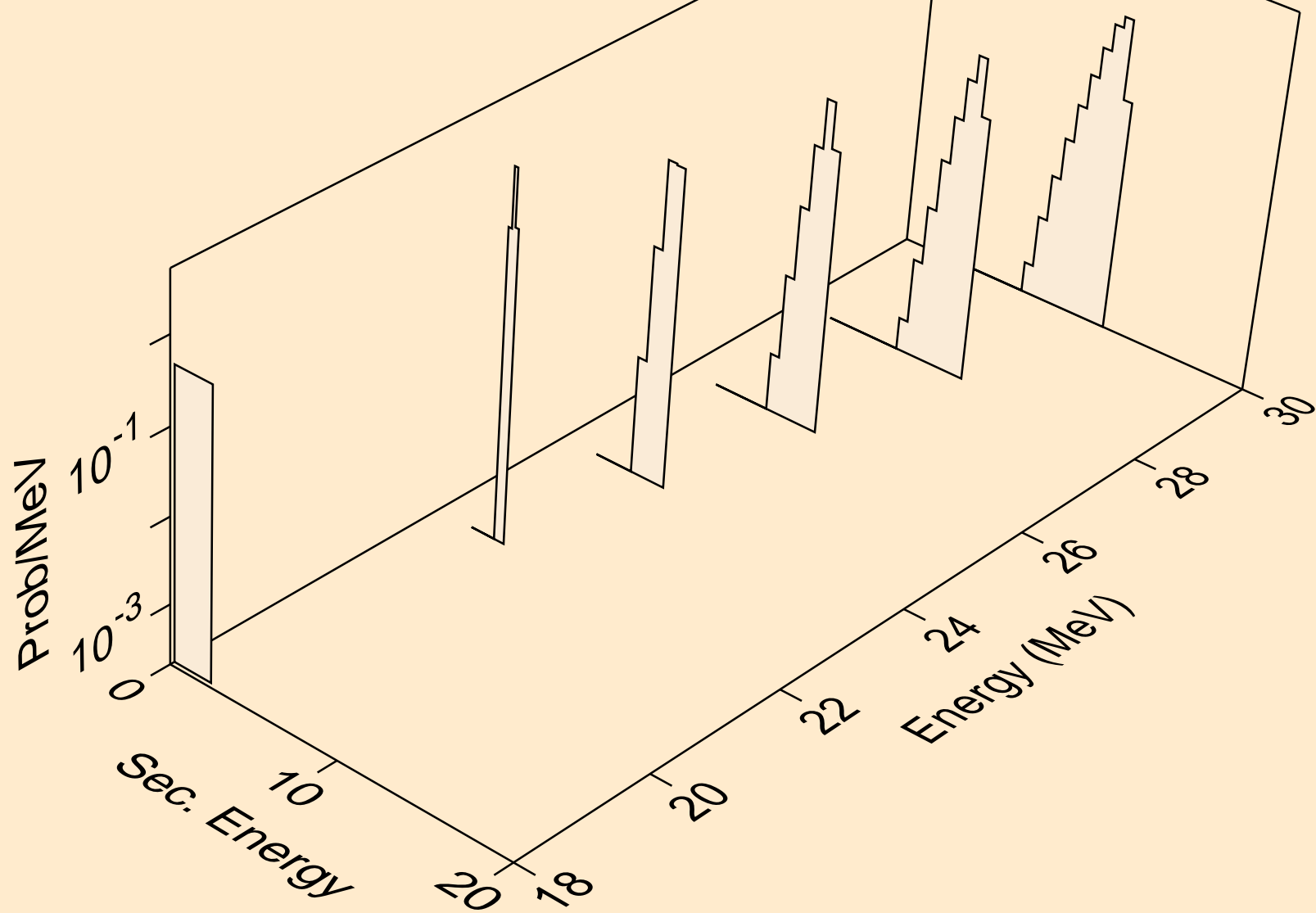
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)



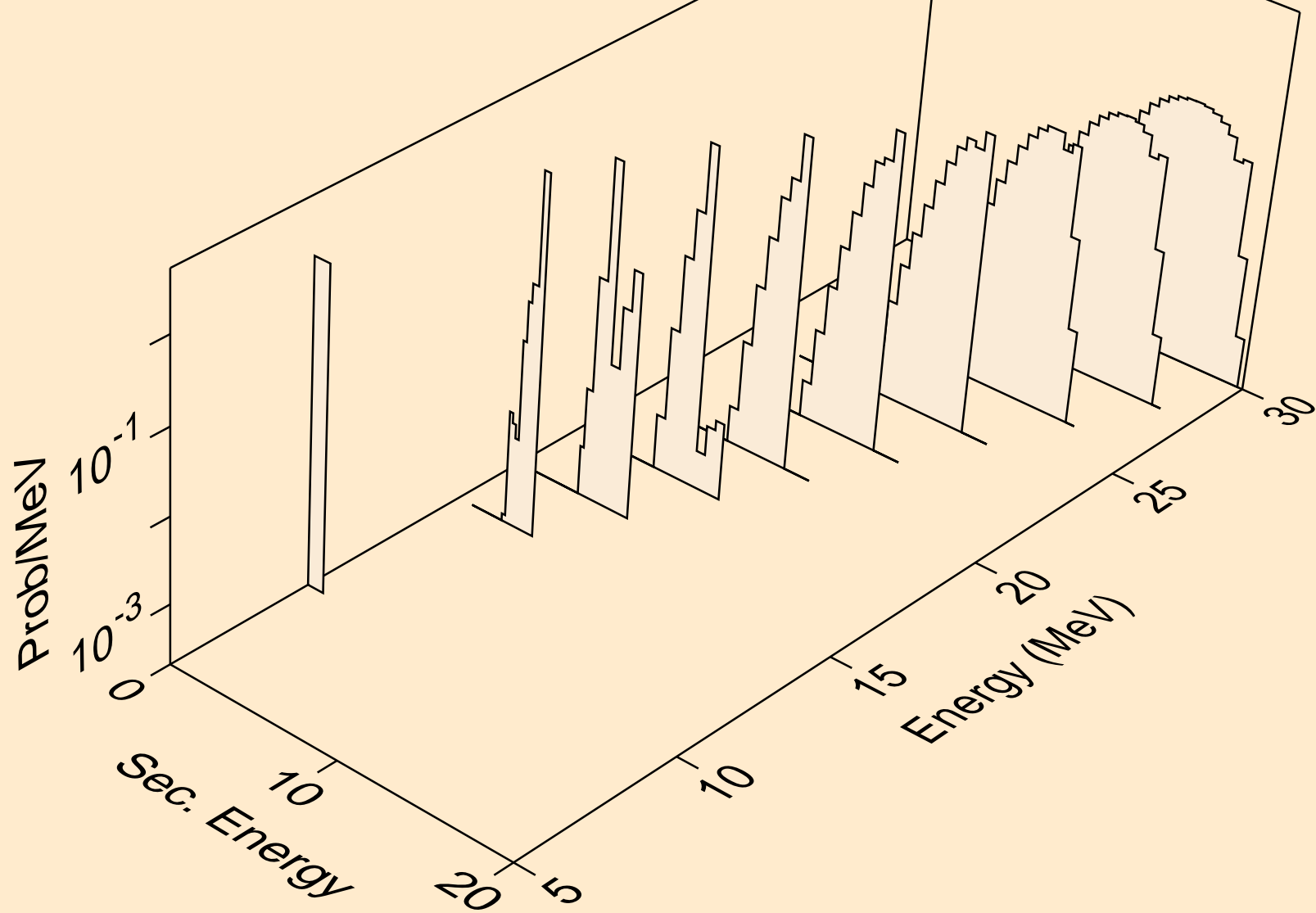
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



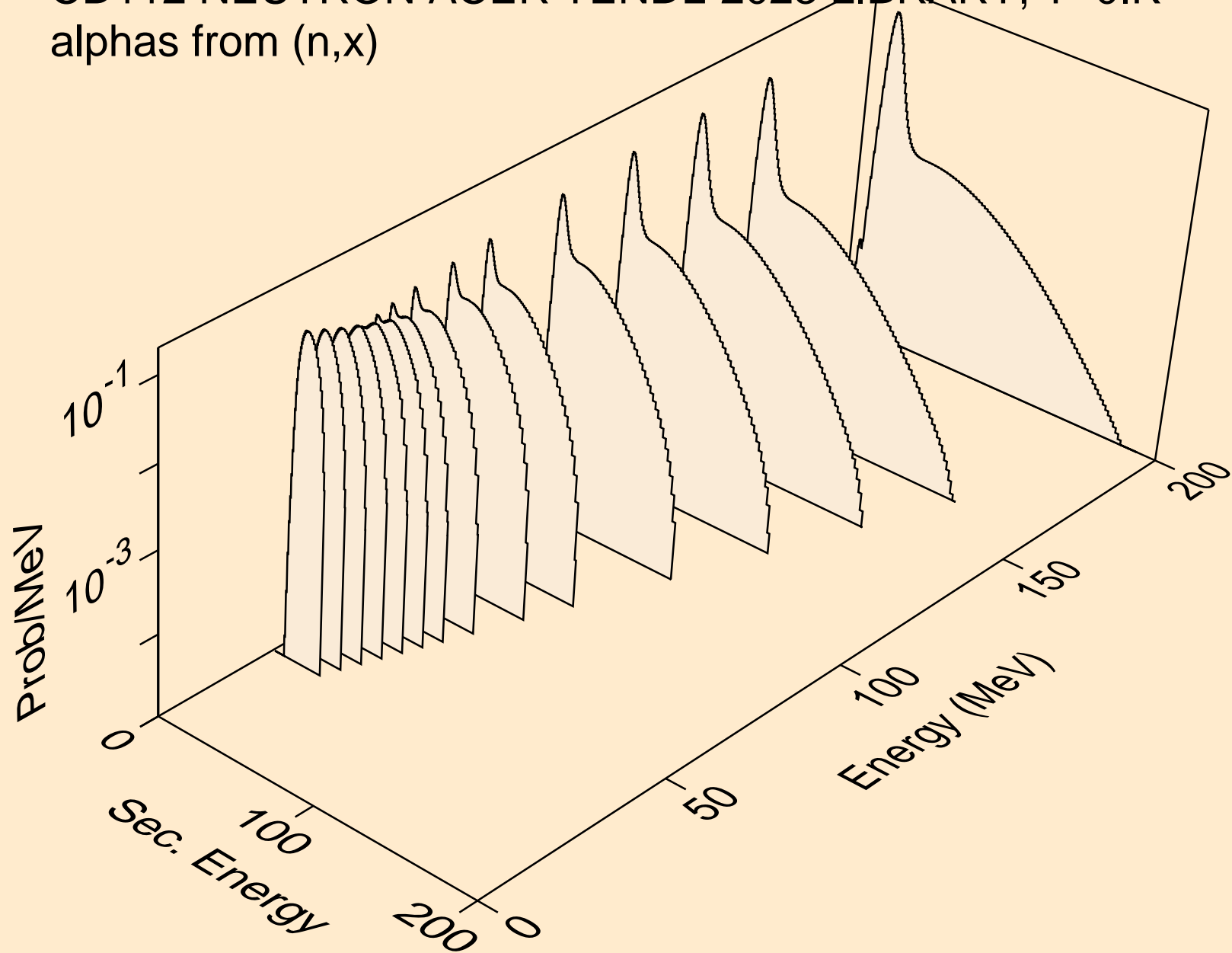
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



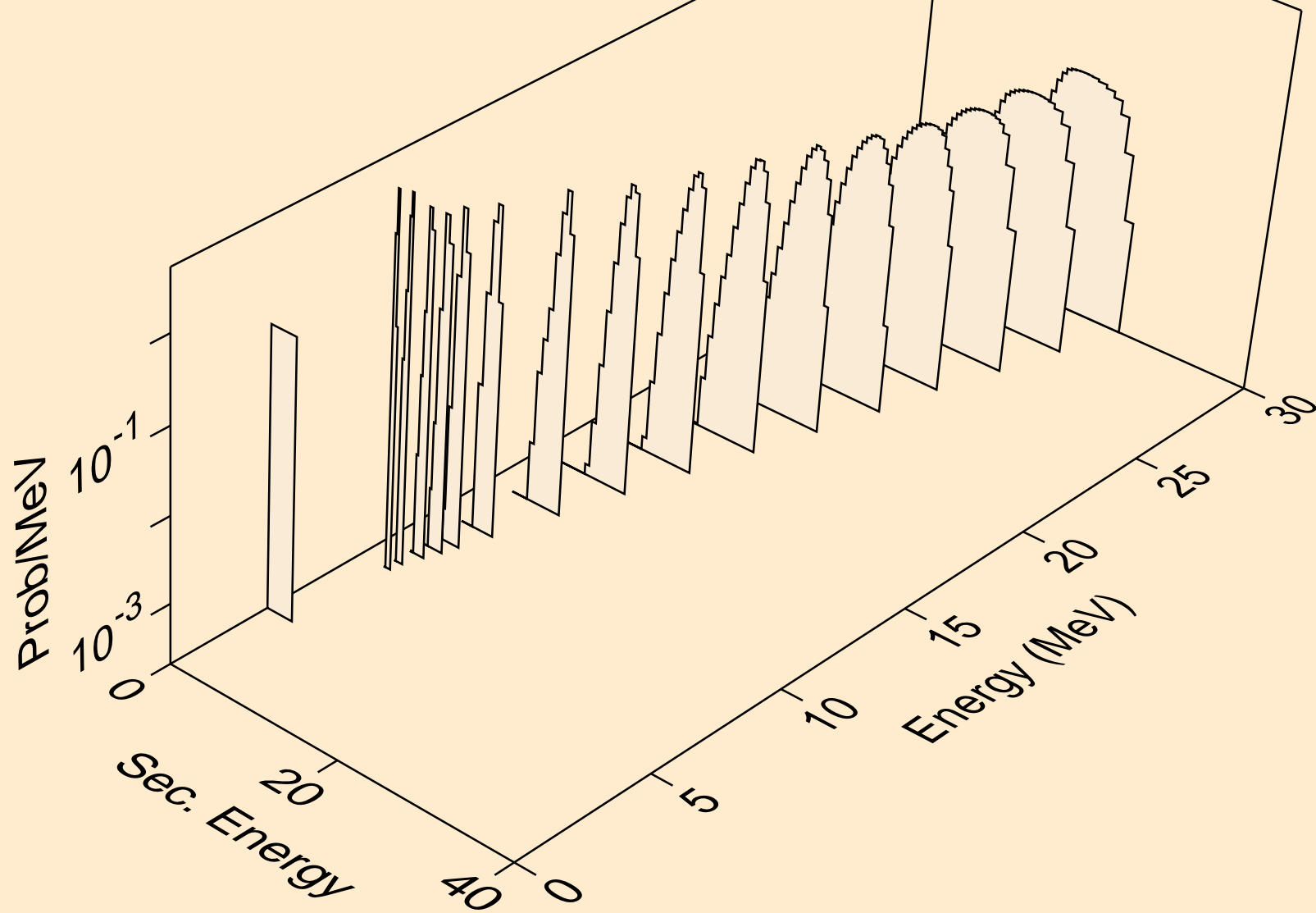
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)



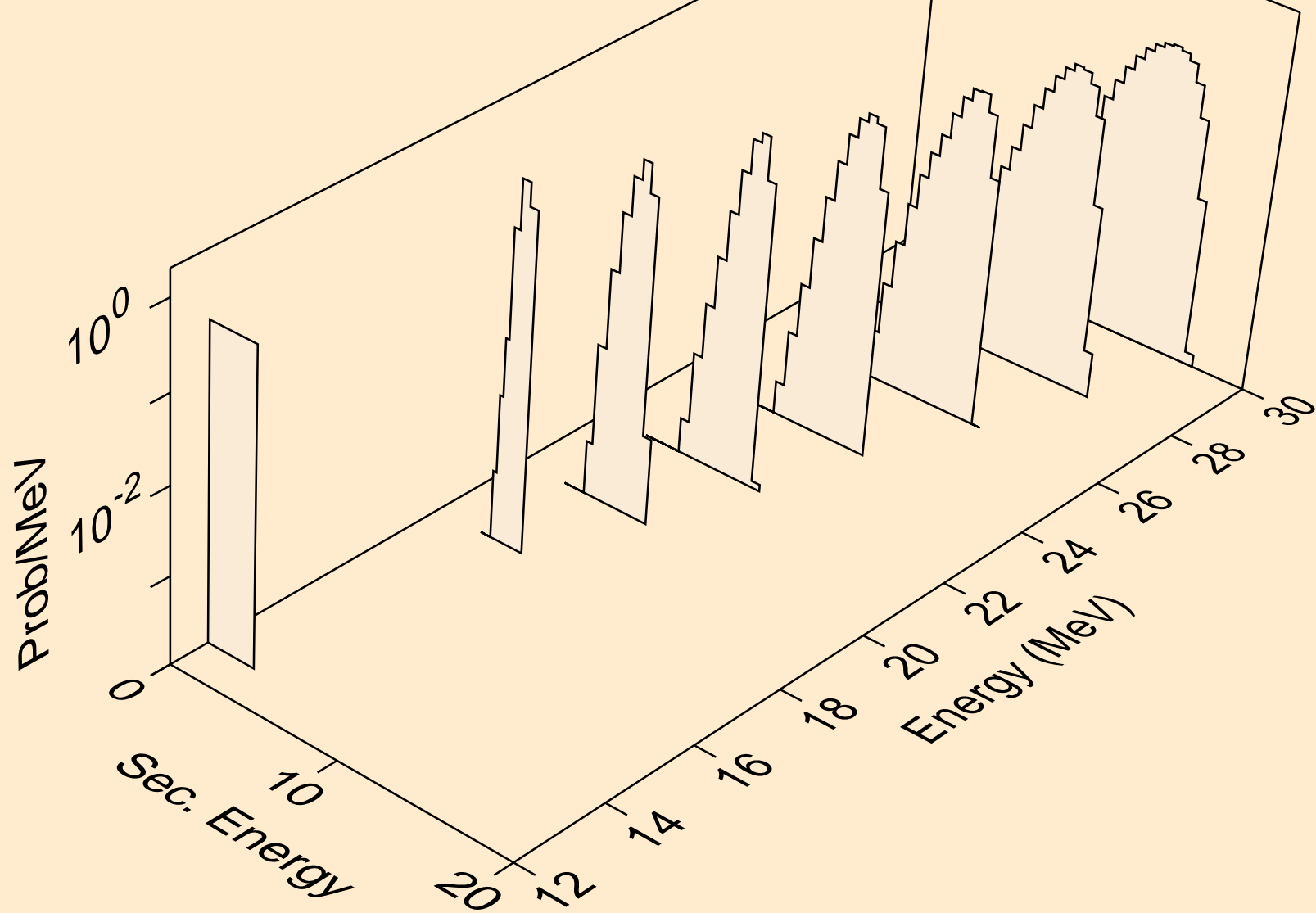
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



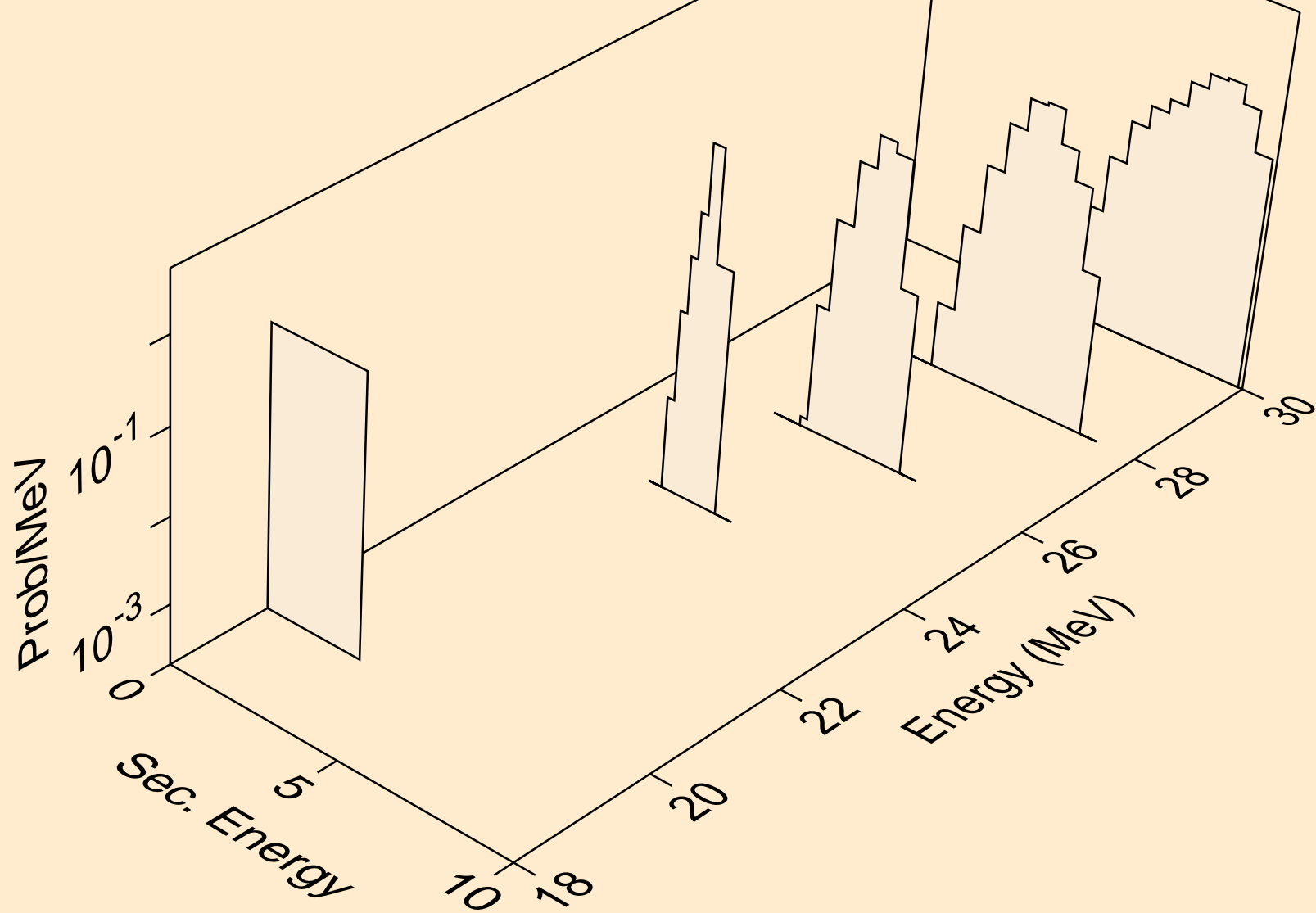
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



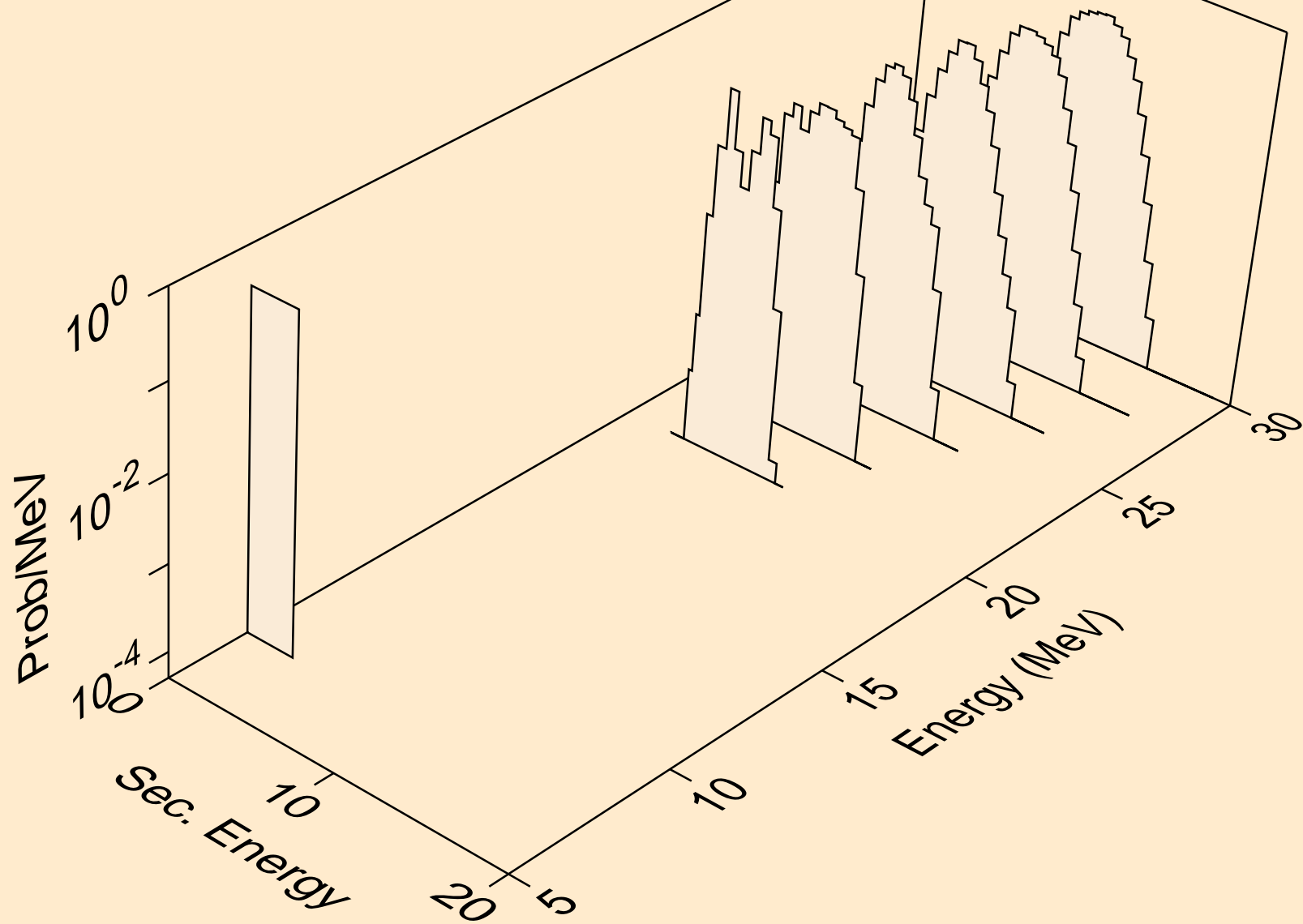
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



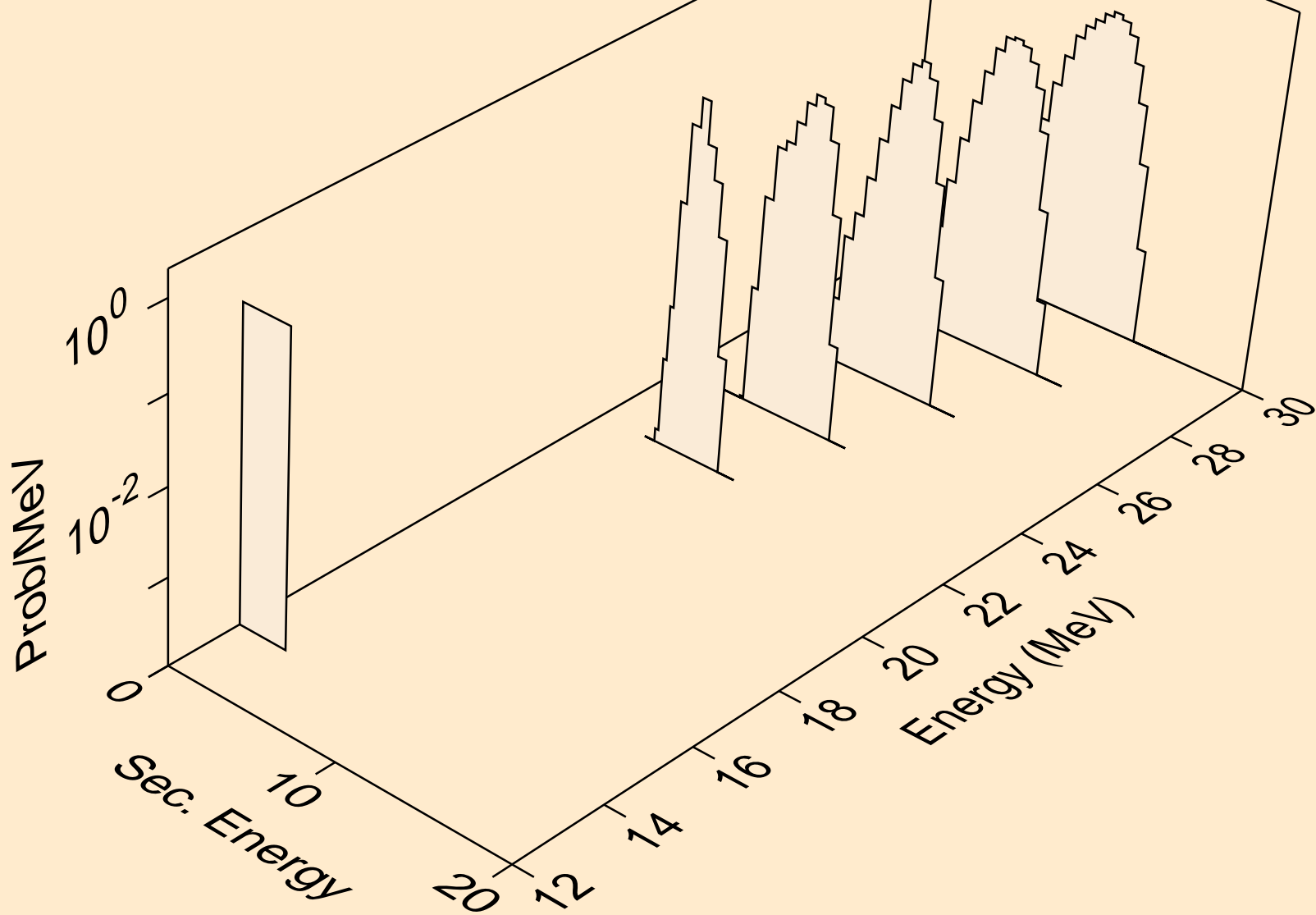
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



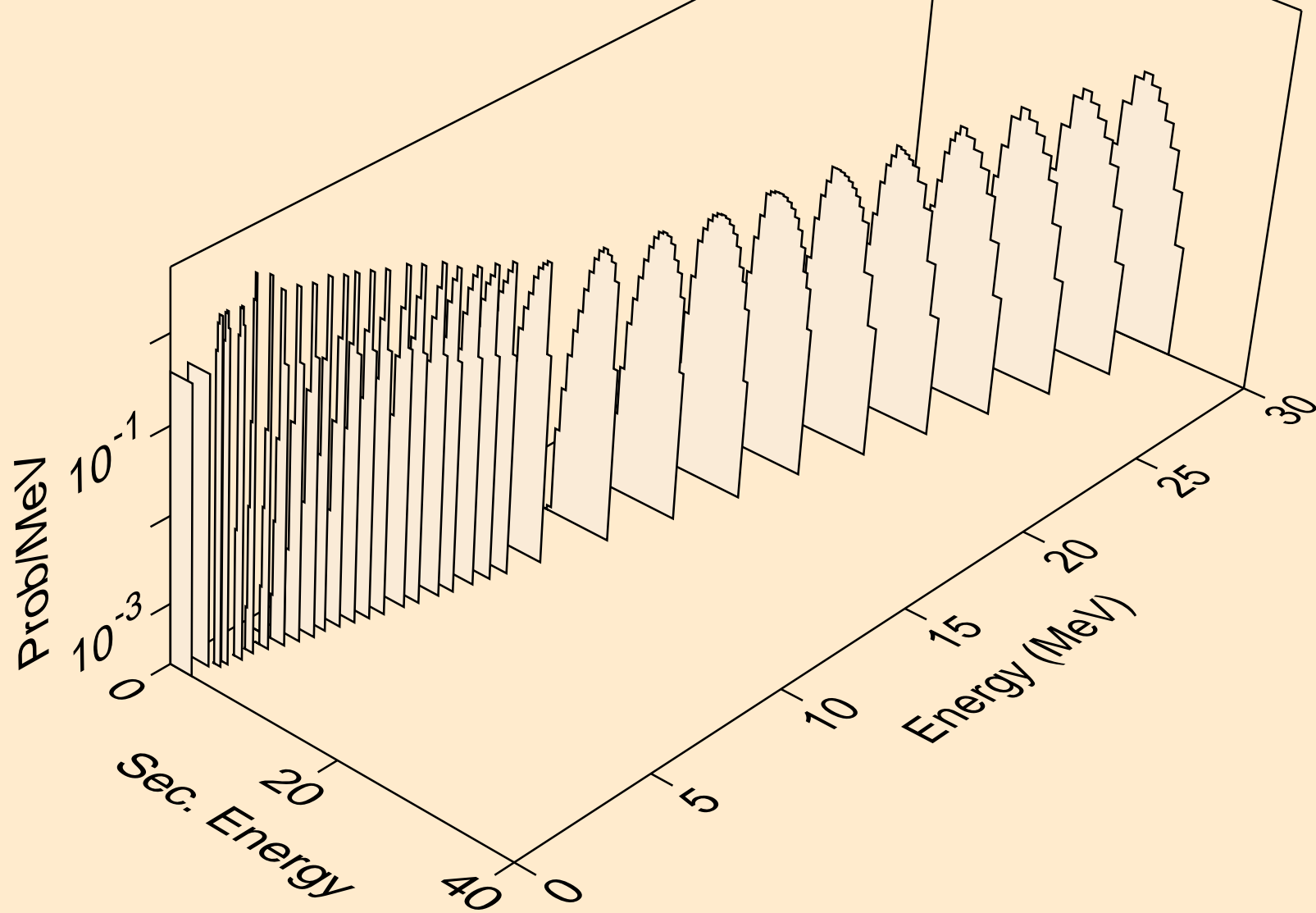
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a



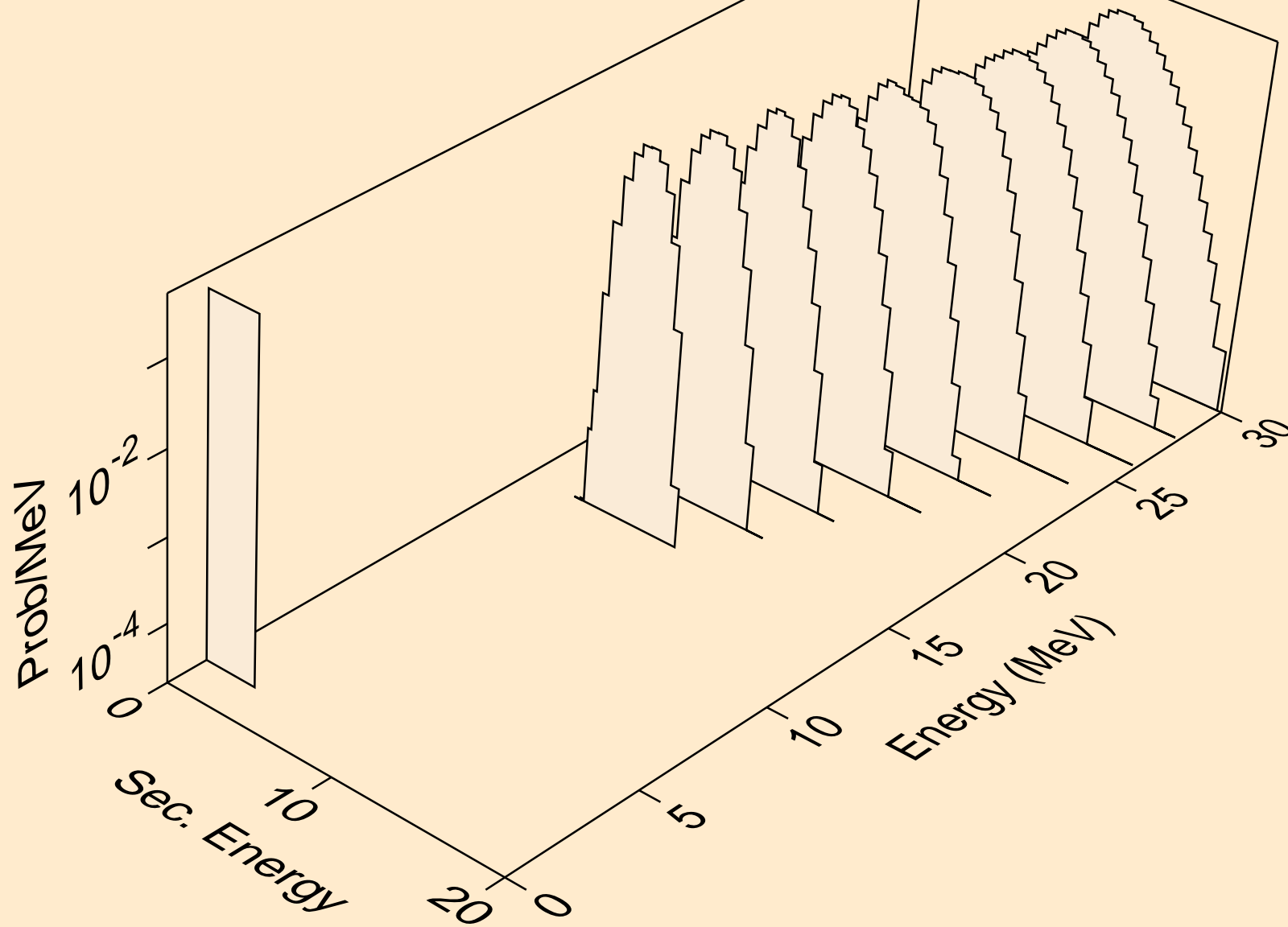
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)



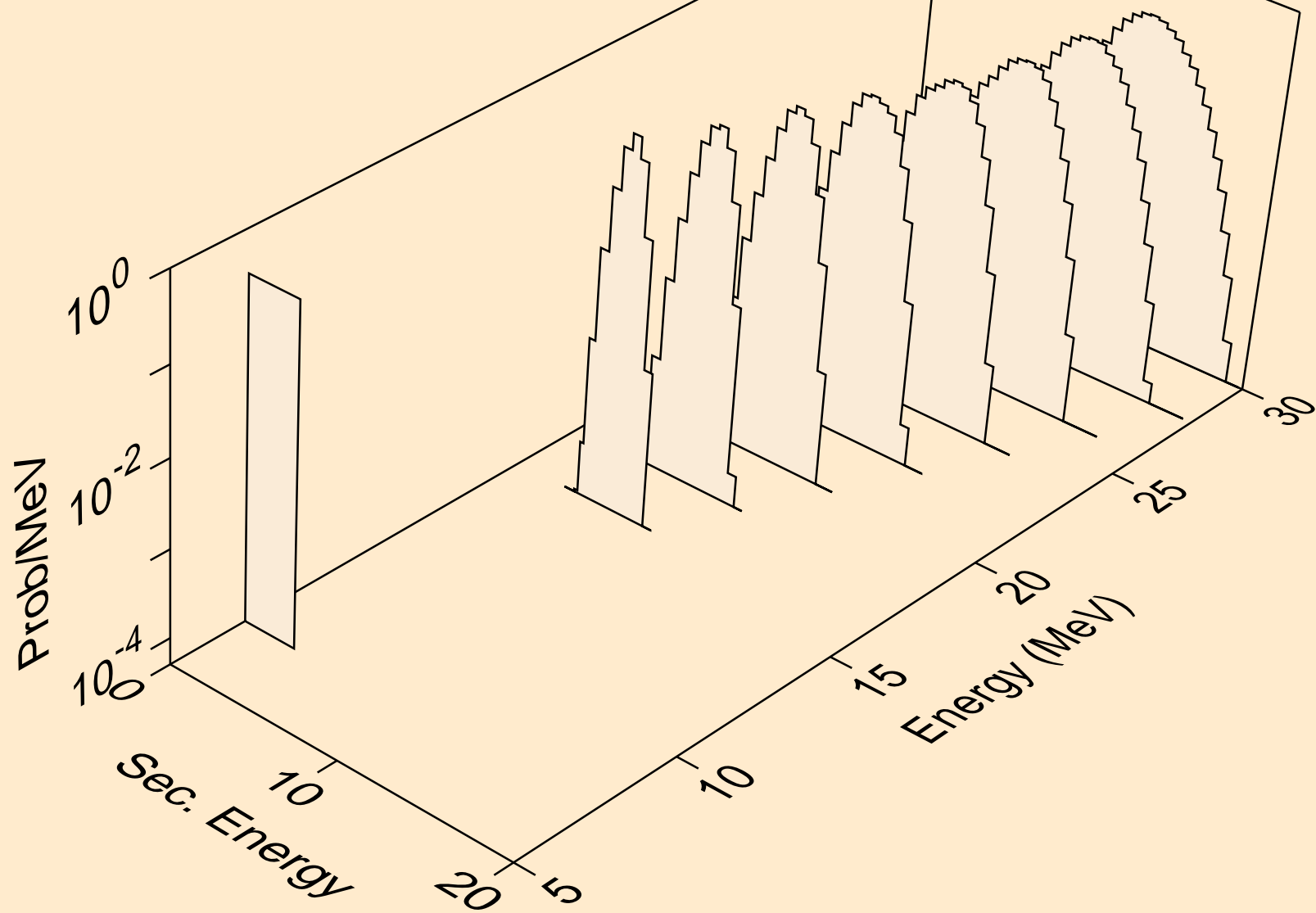
CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



CD112 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

