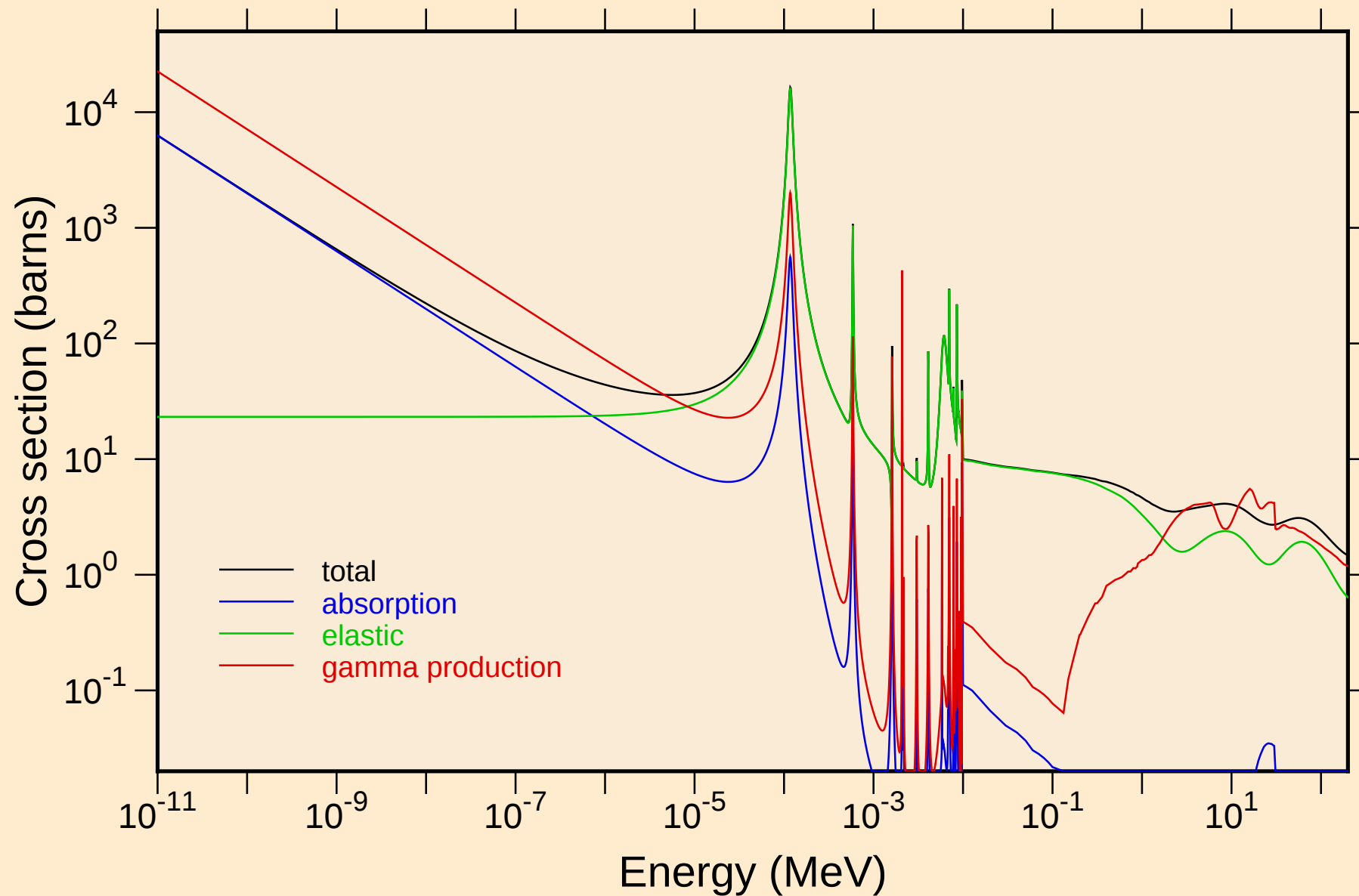
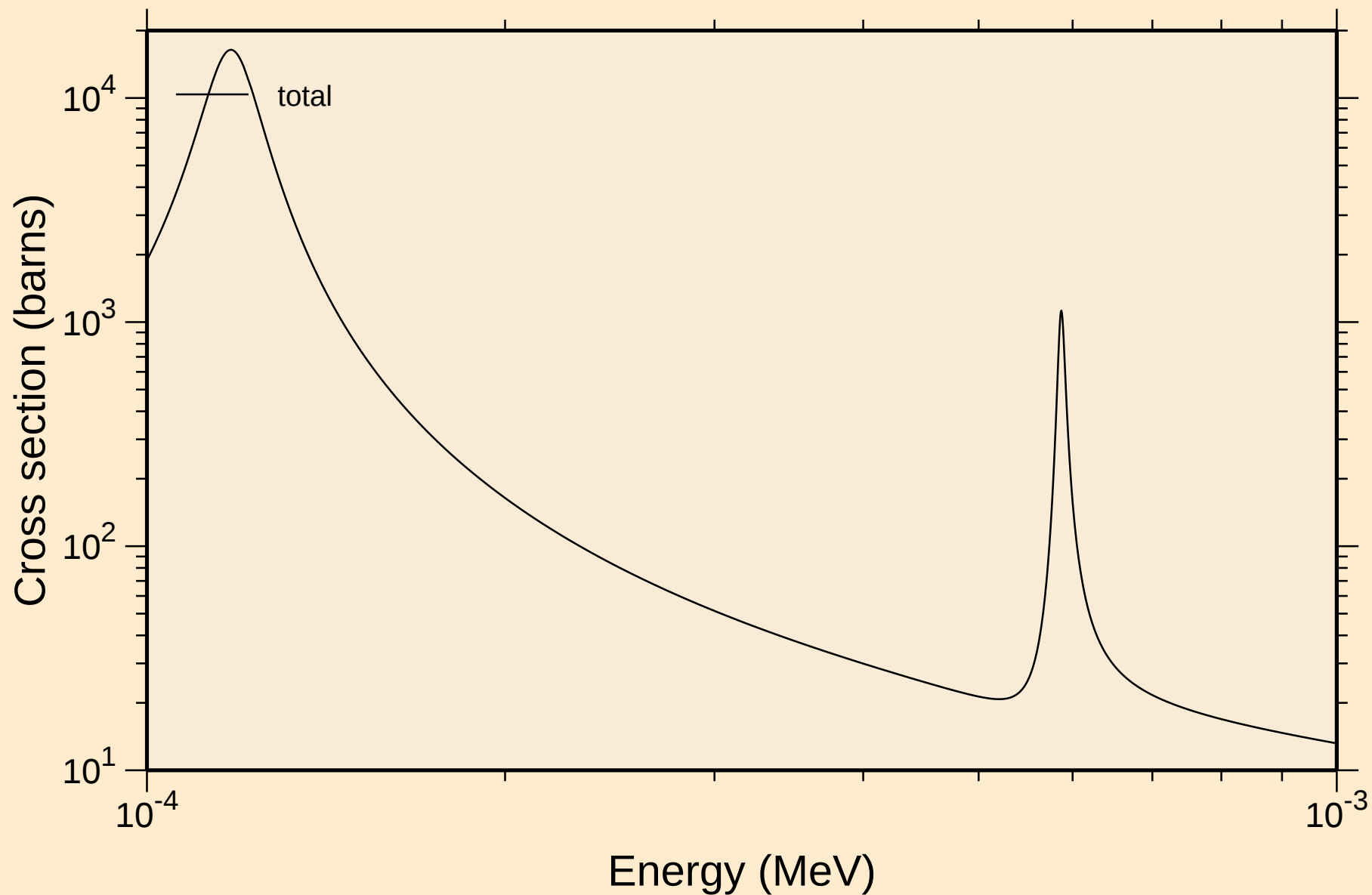


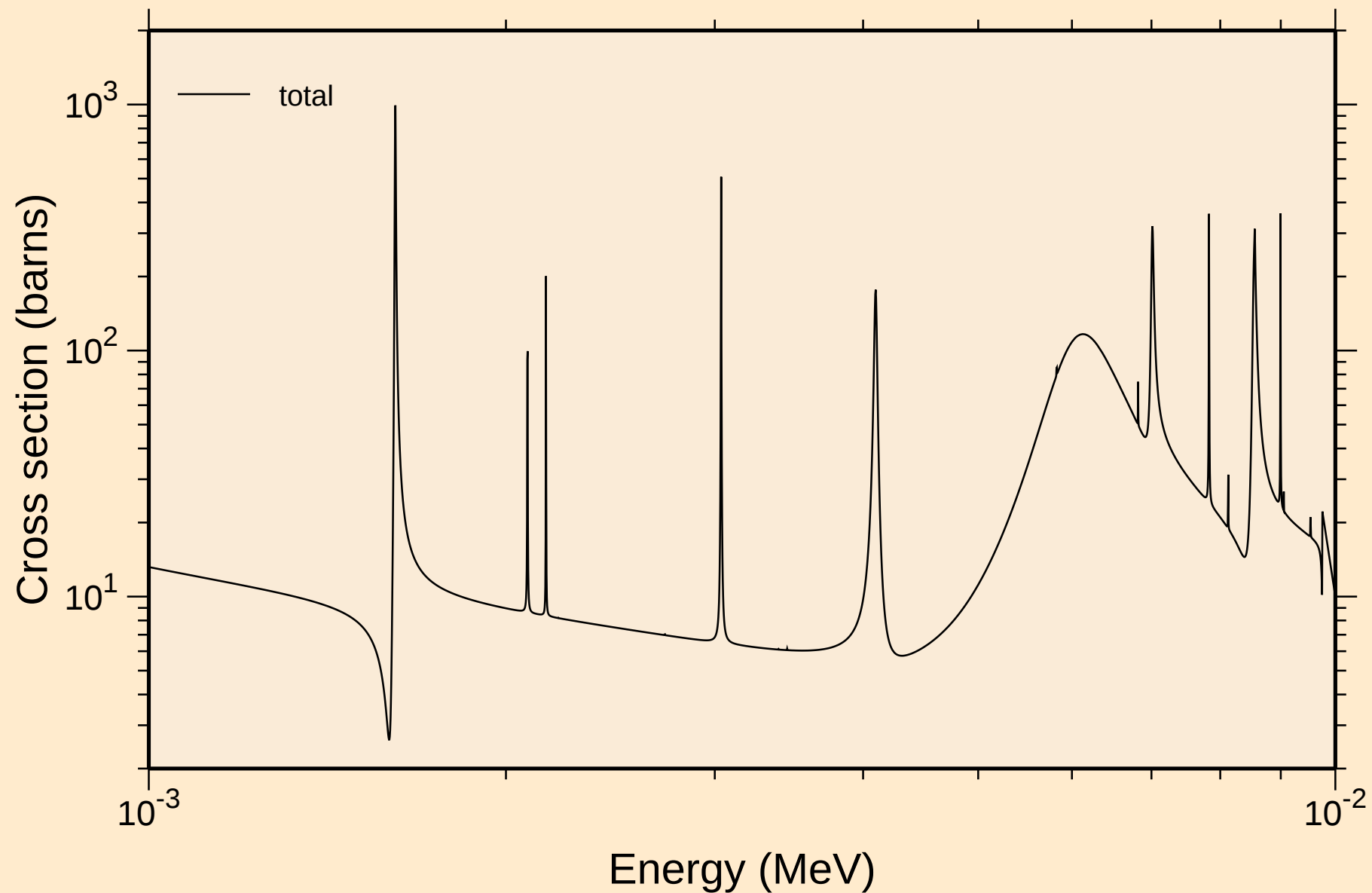
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



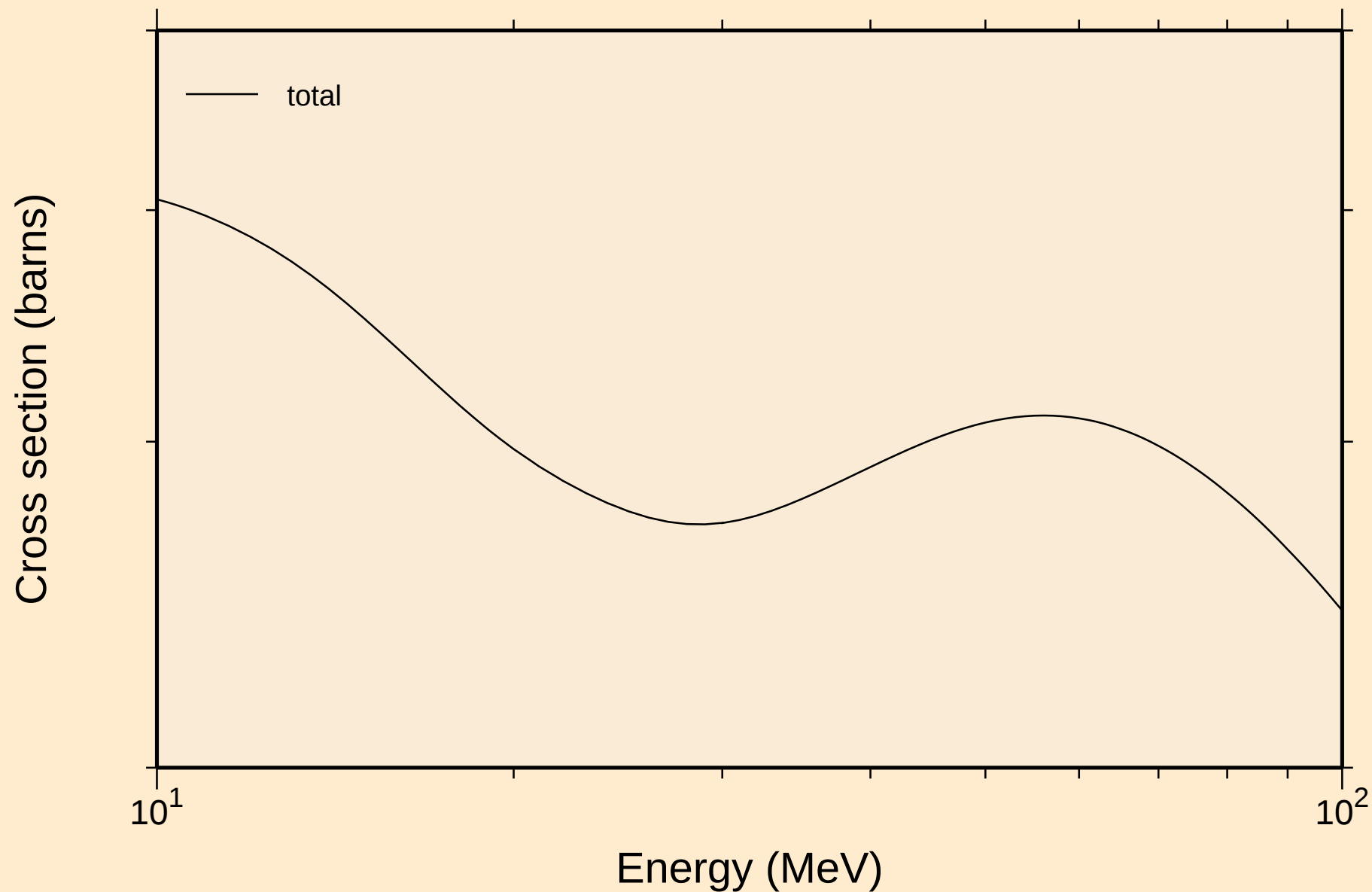
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



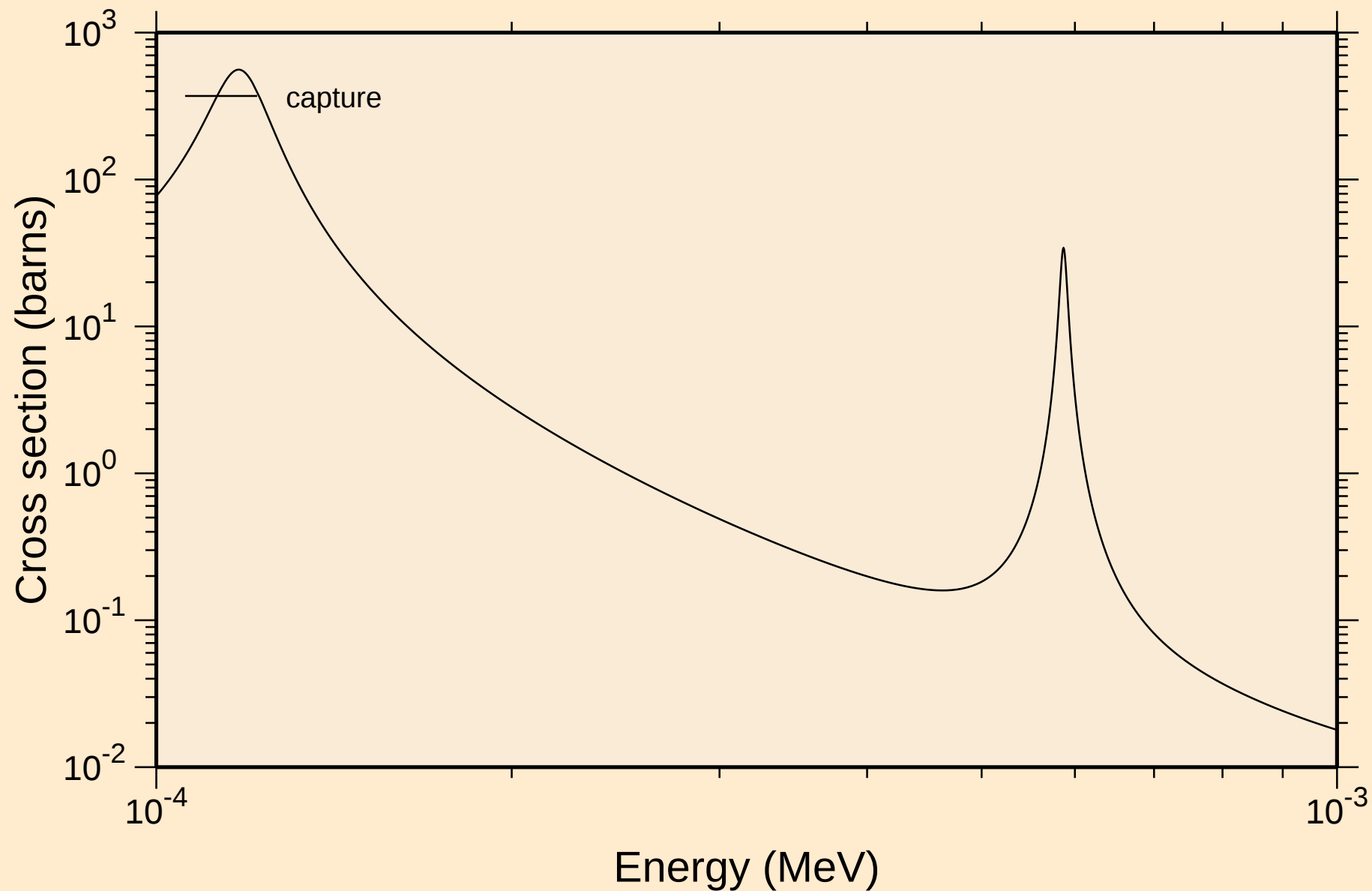
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



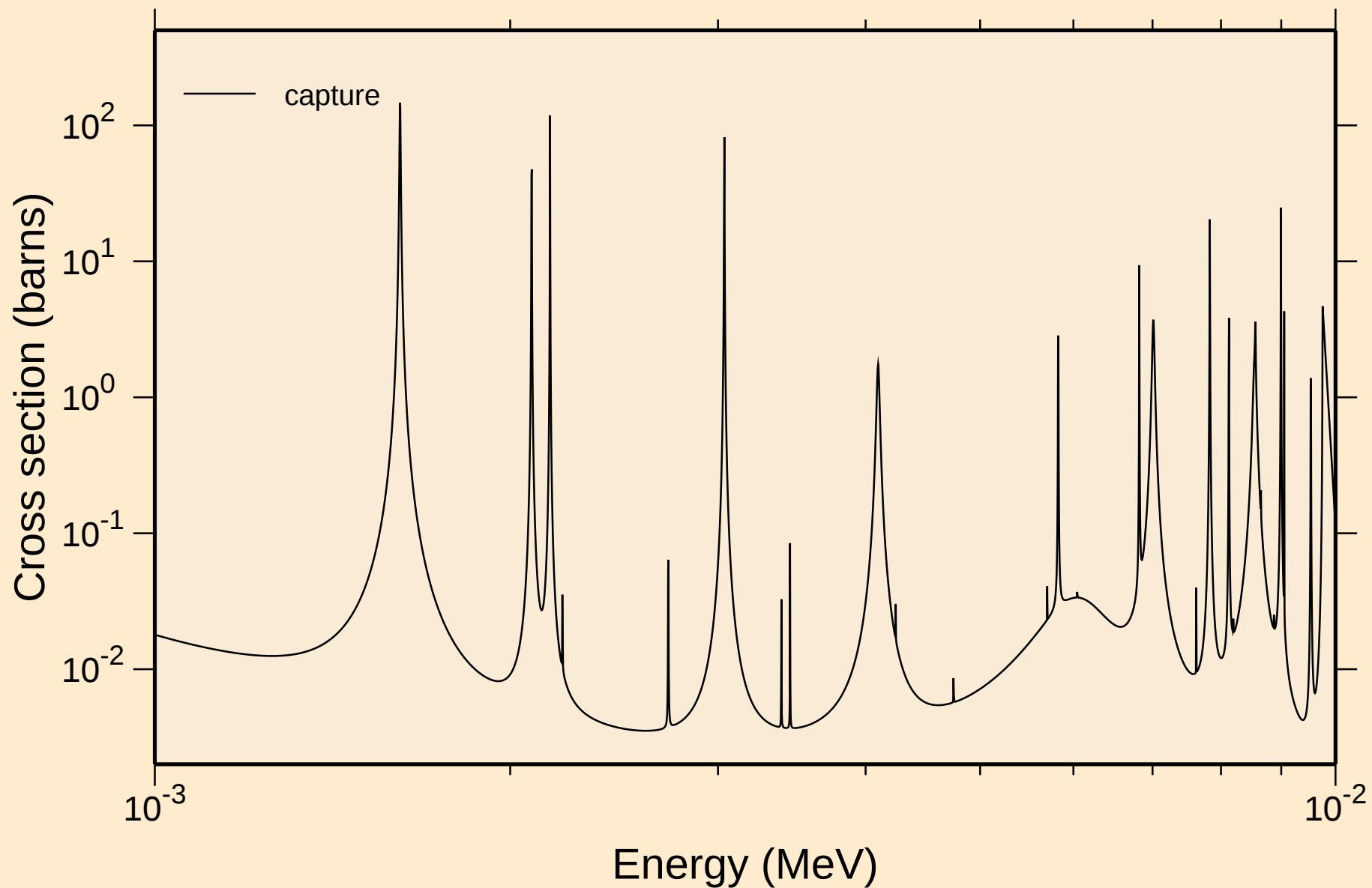
SĒ083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



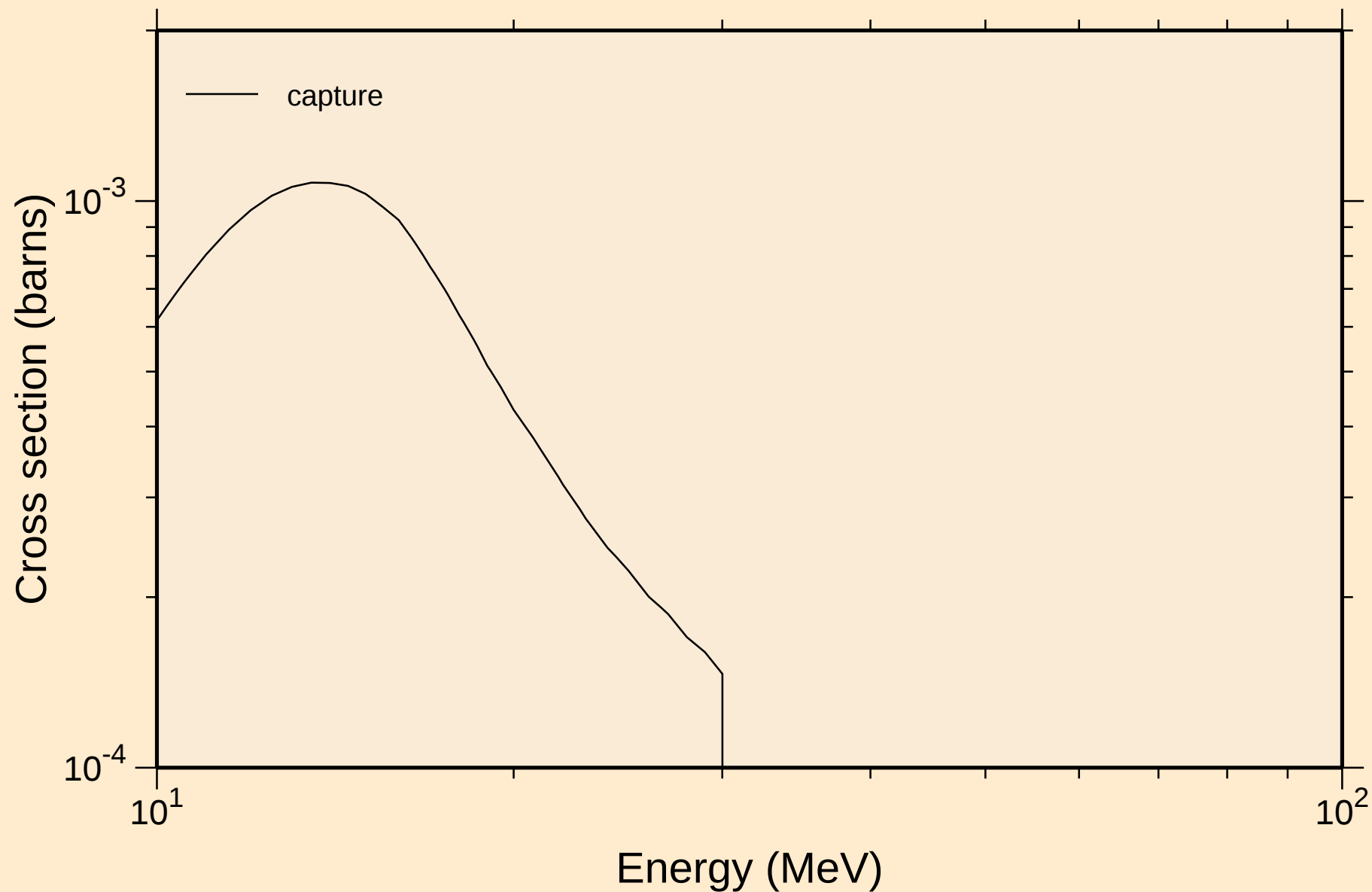
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

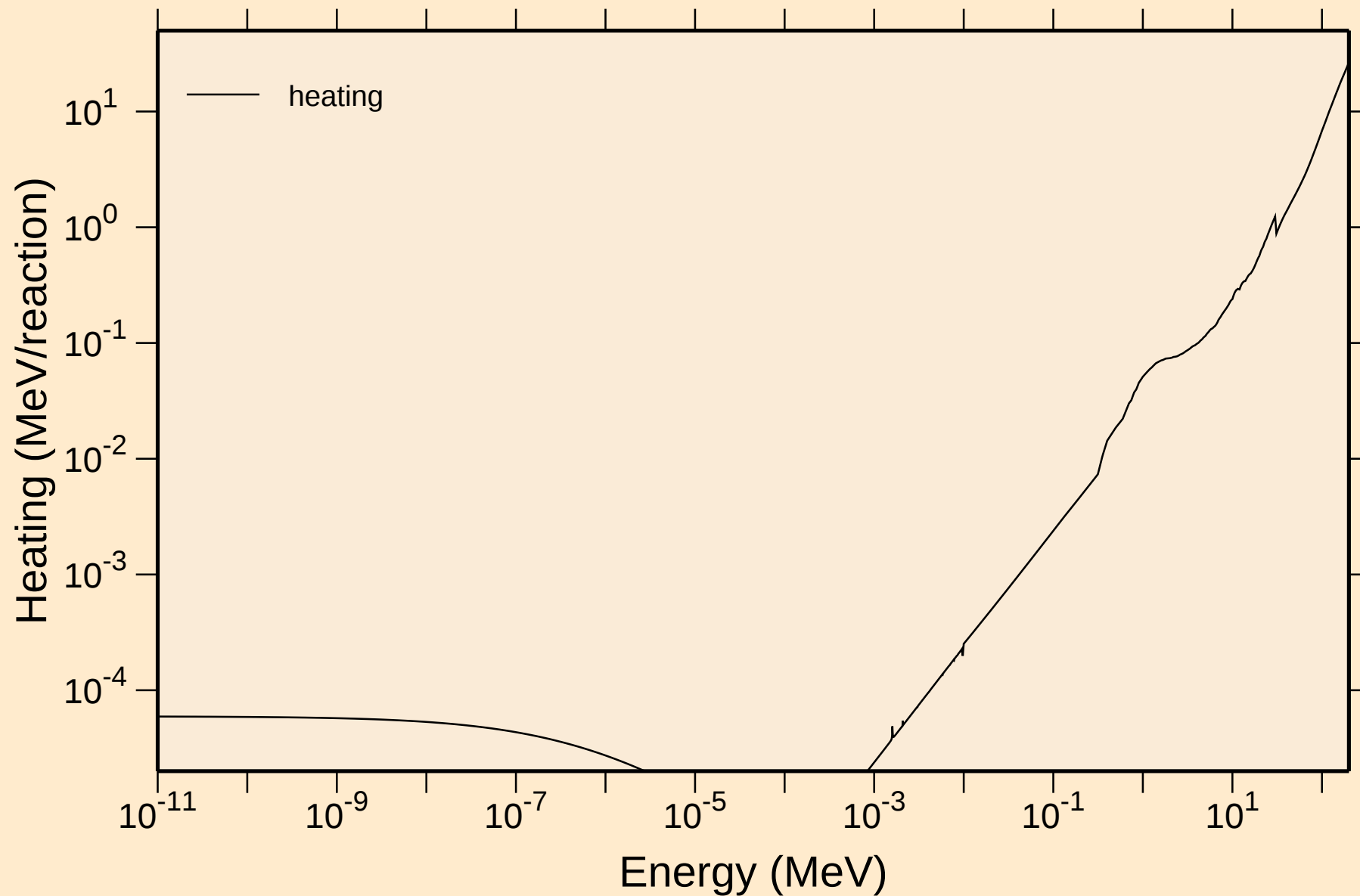


SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



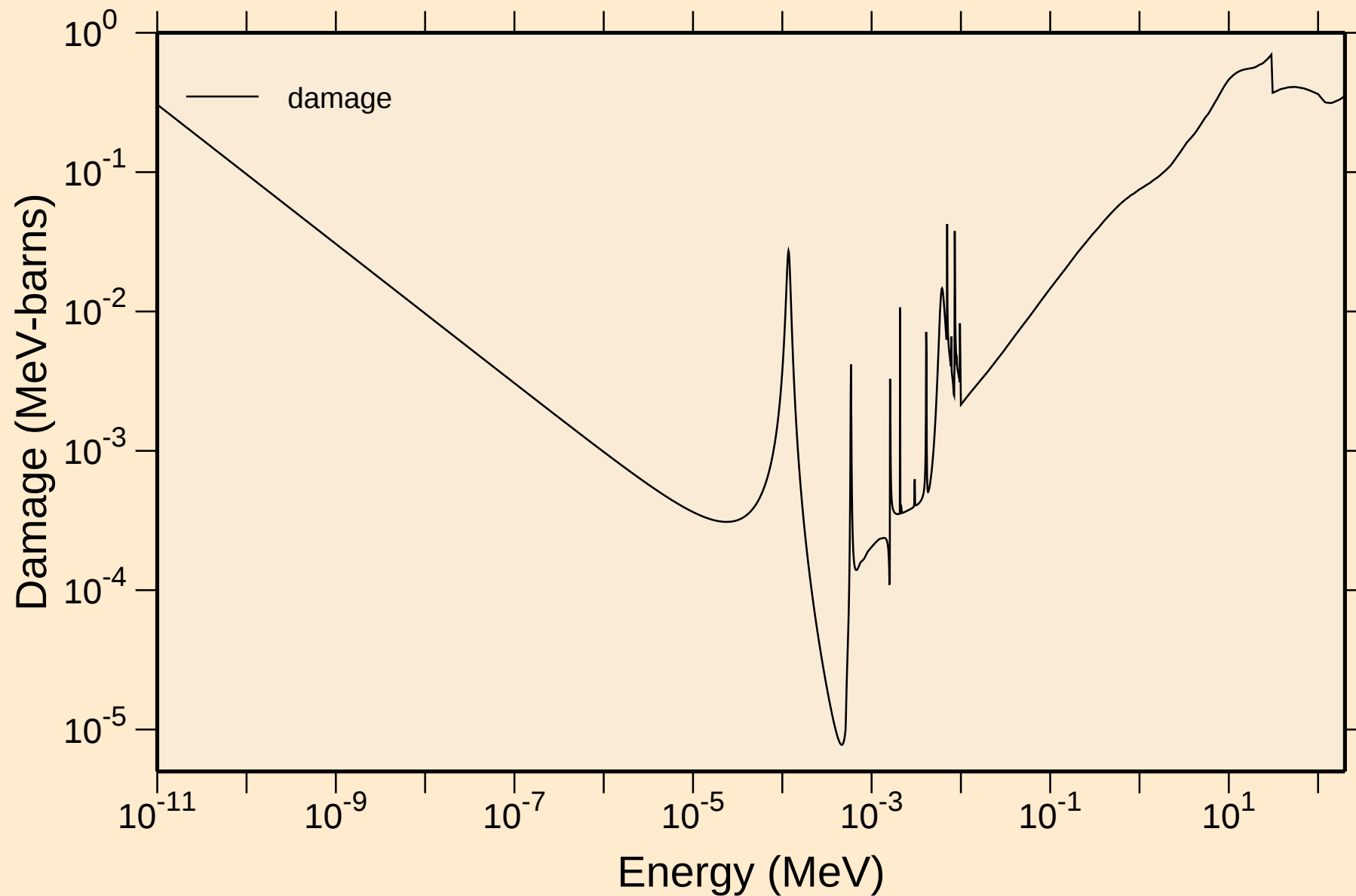
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Heating

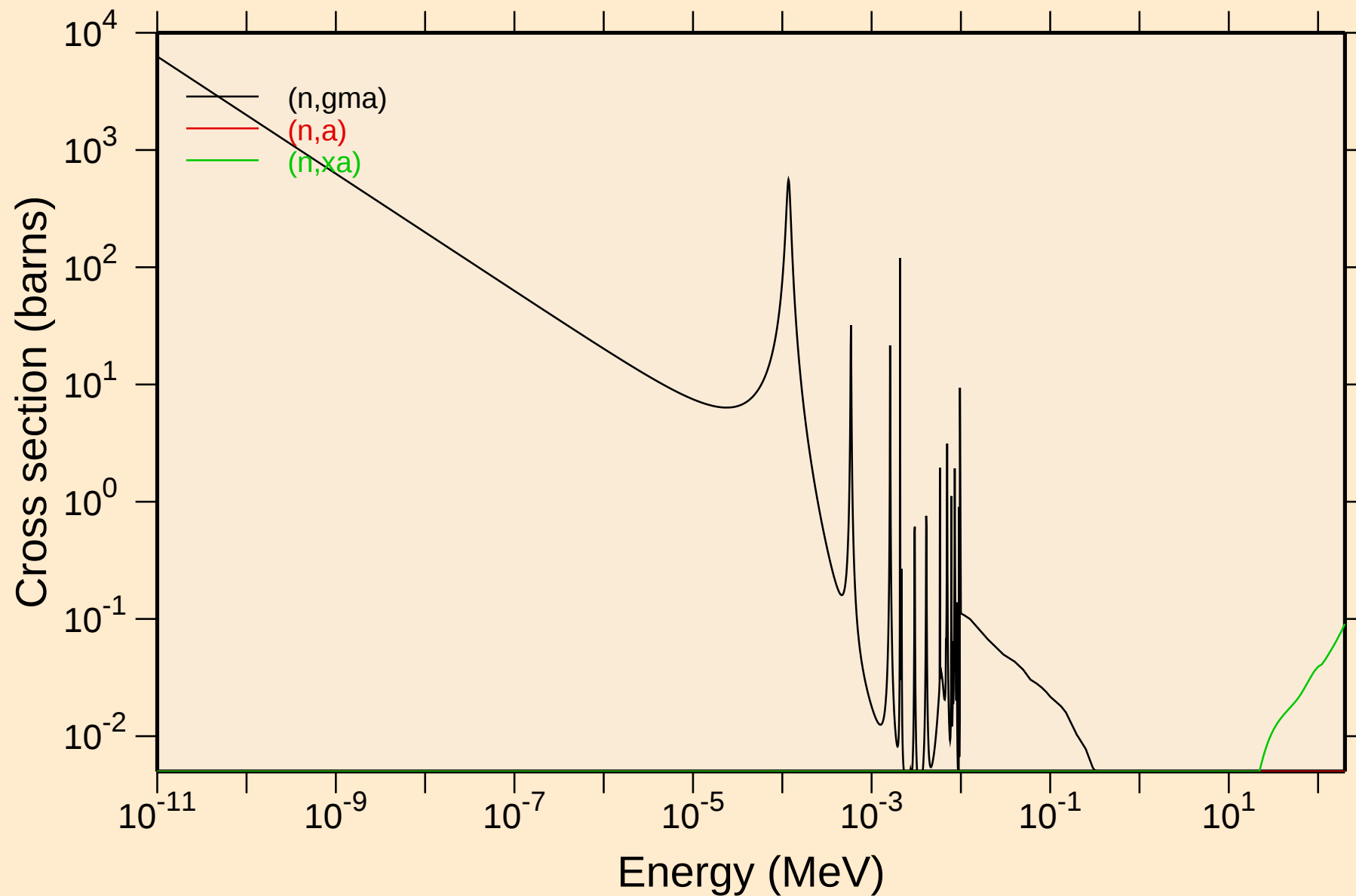


# SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

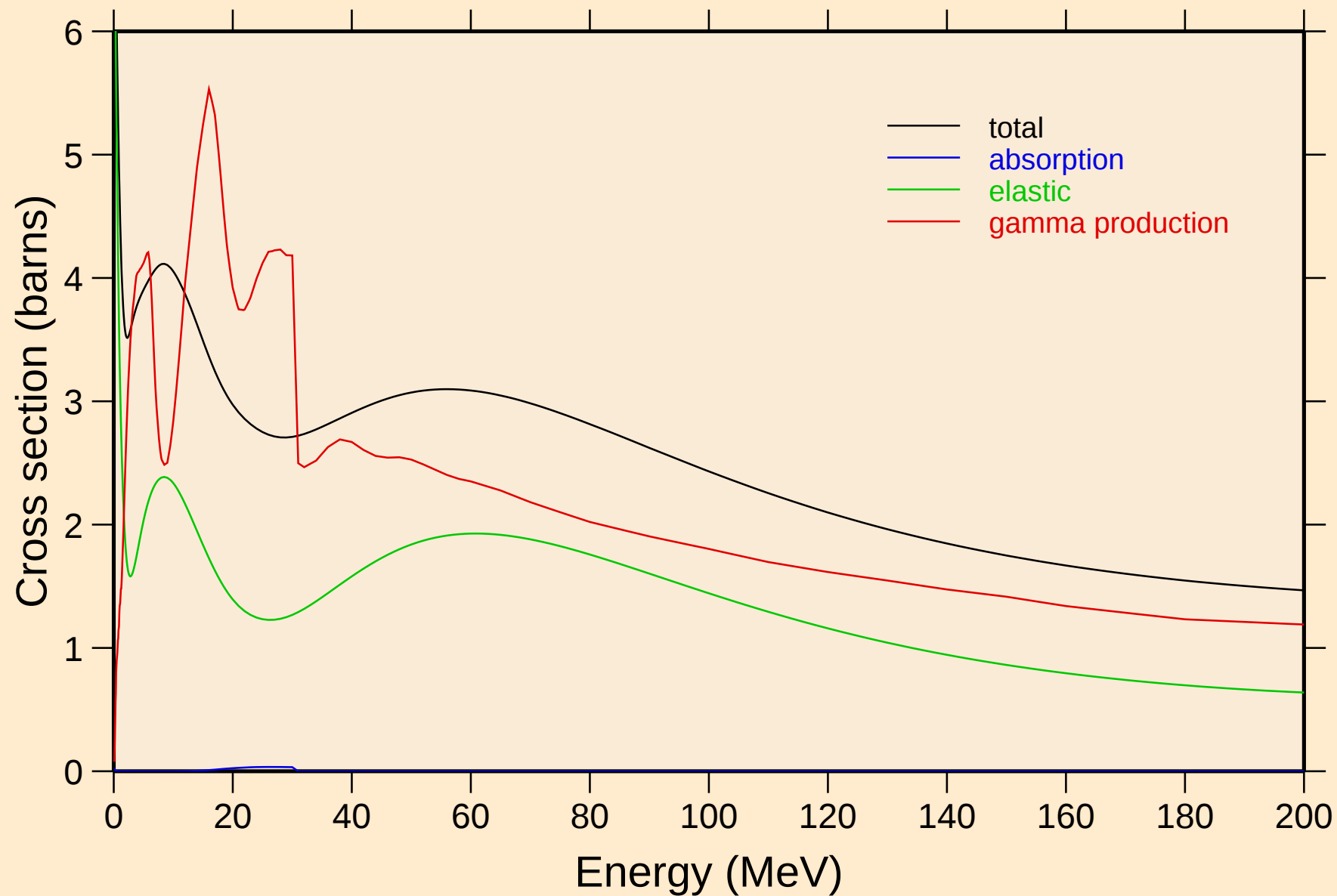


SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



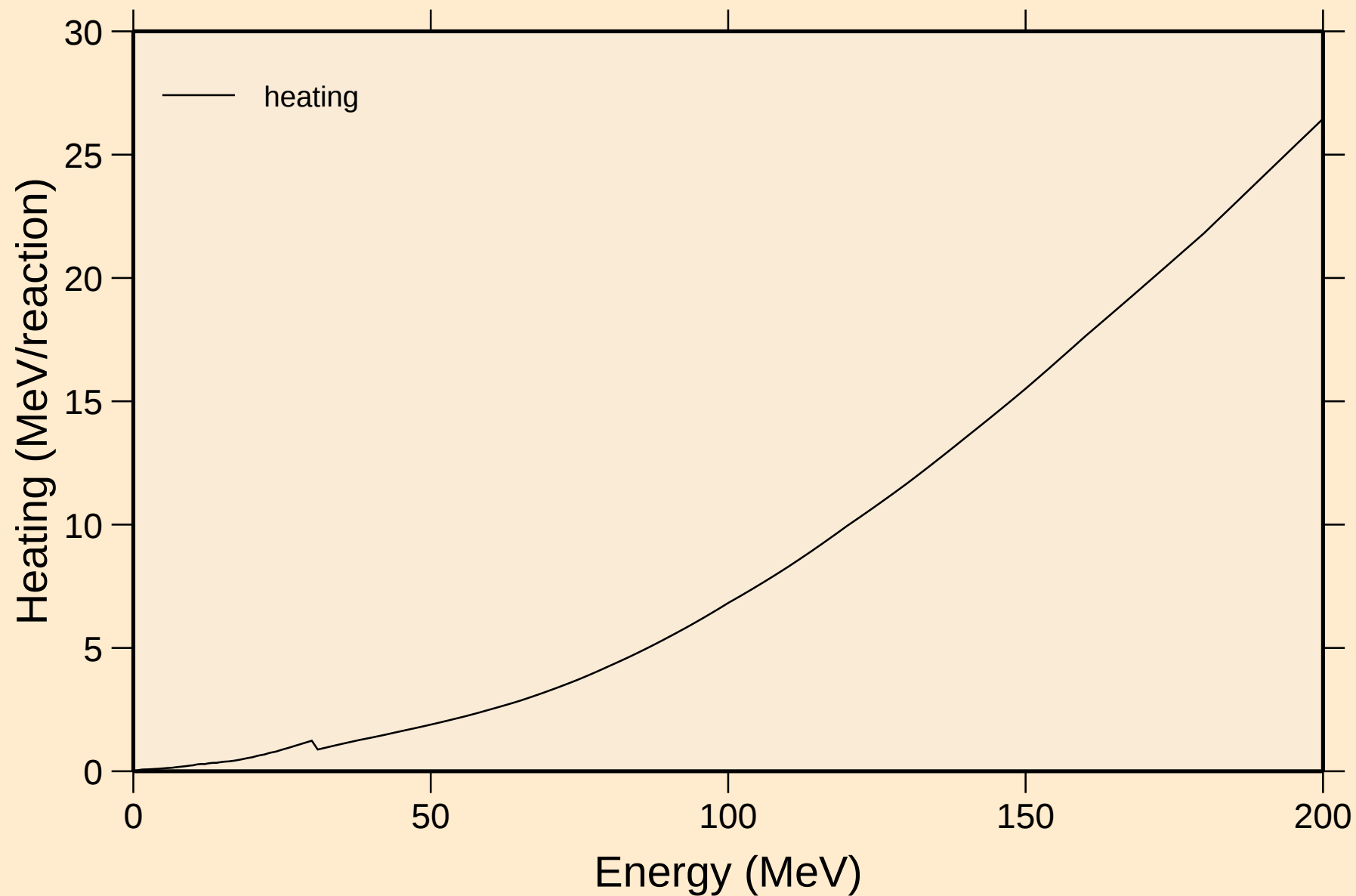
# SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



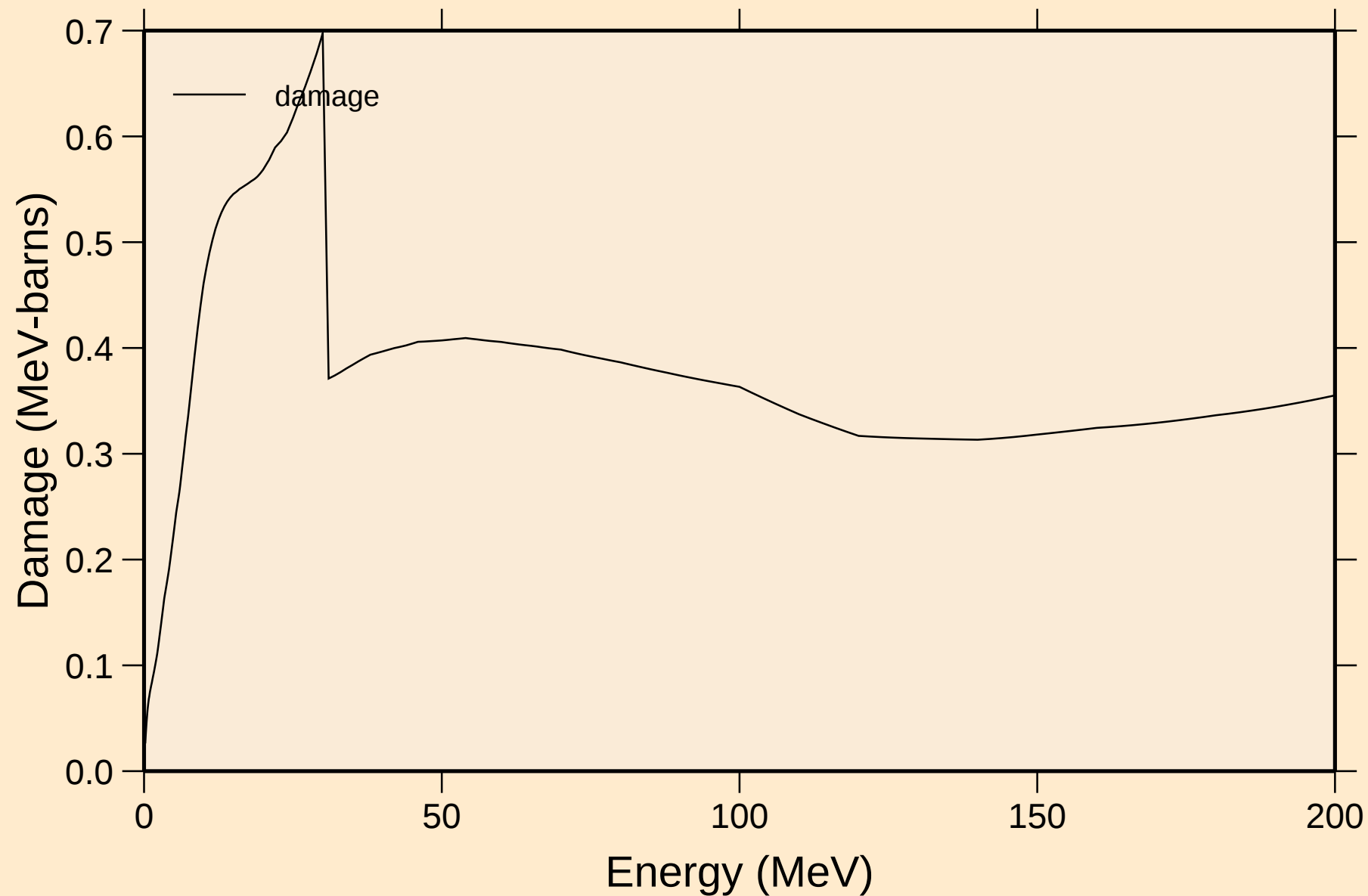
# SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

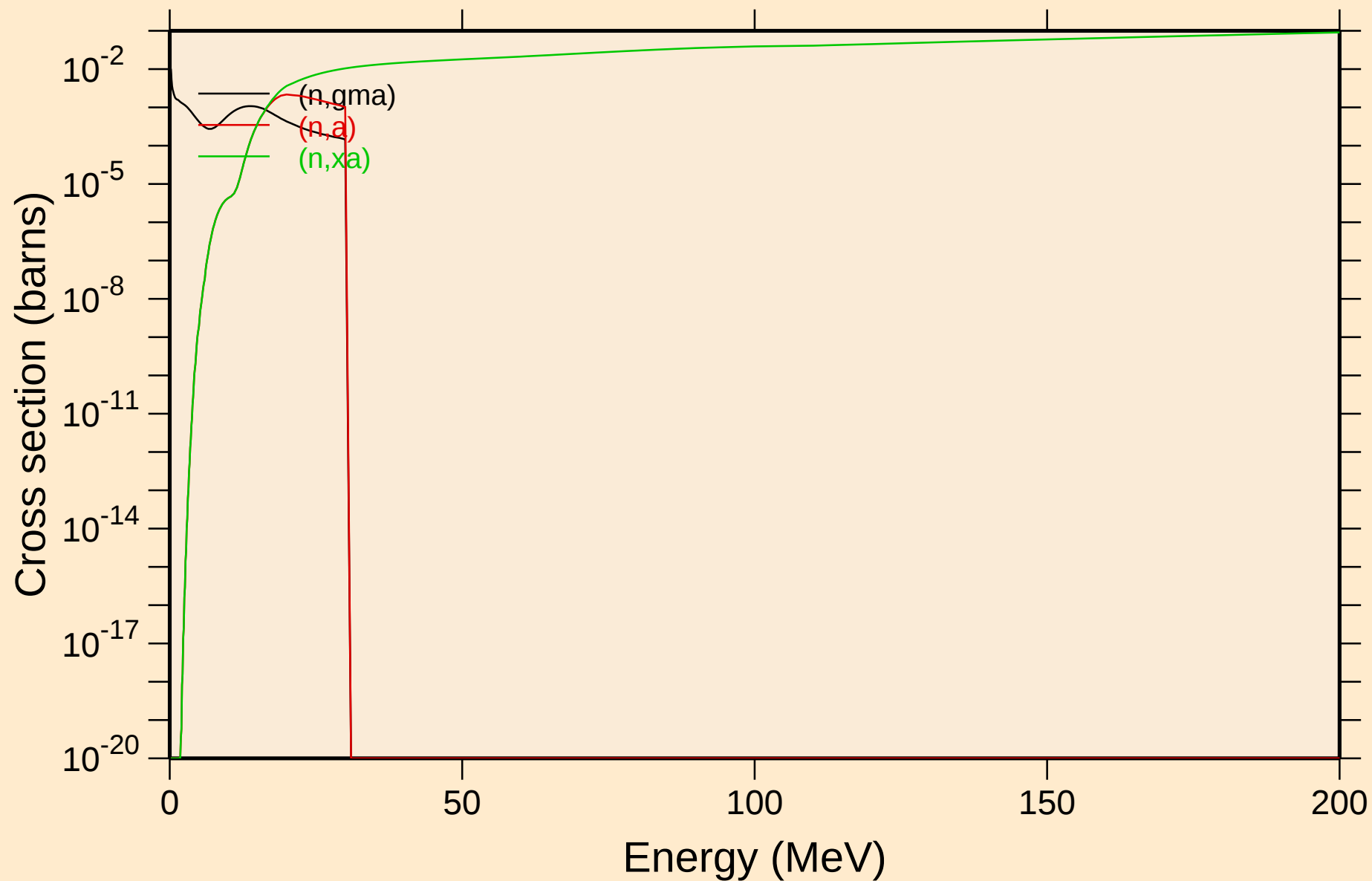


# SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

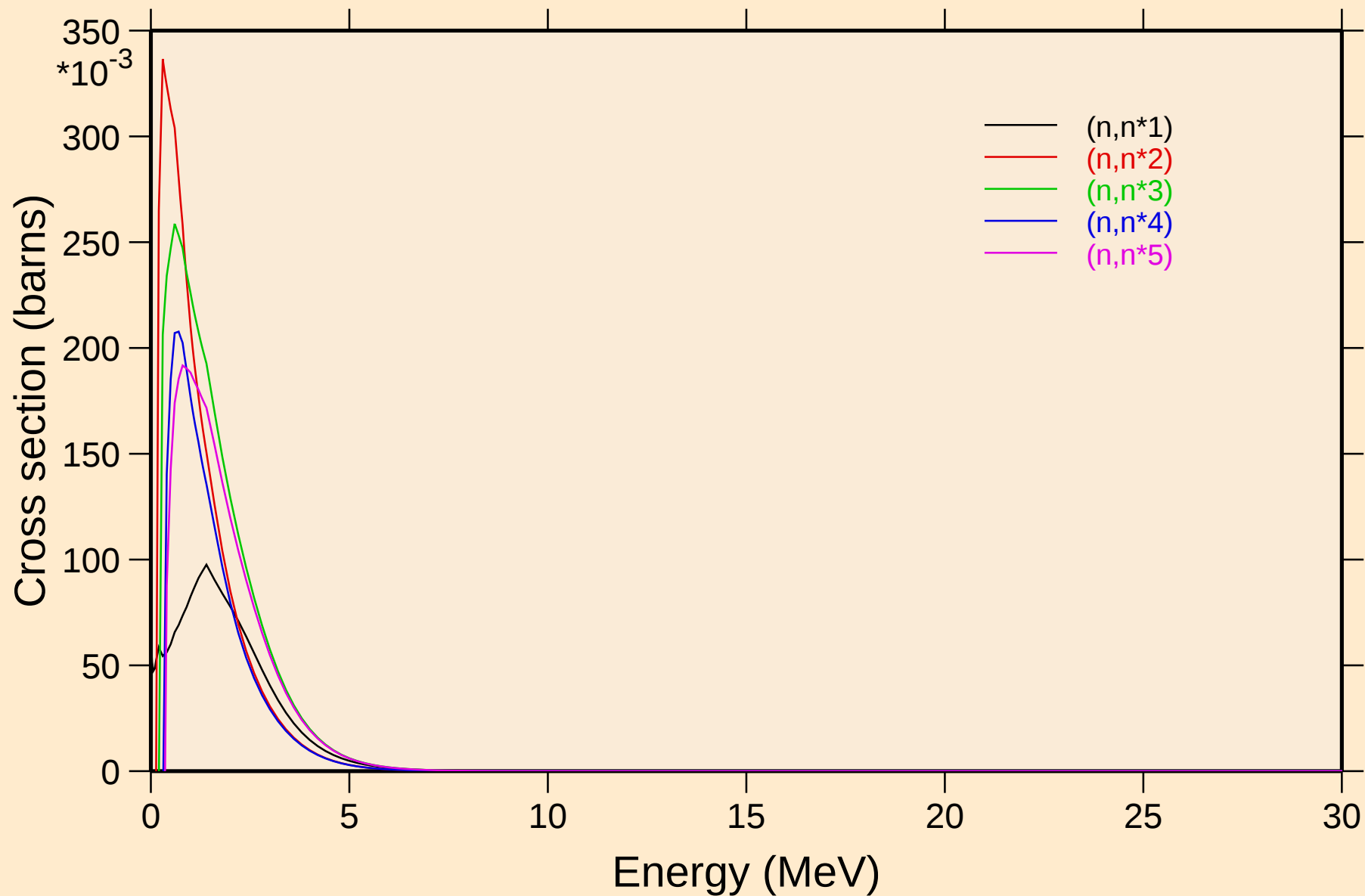


SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



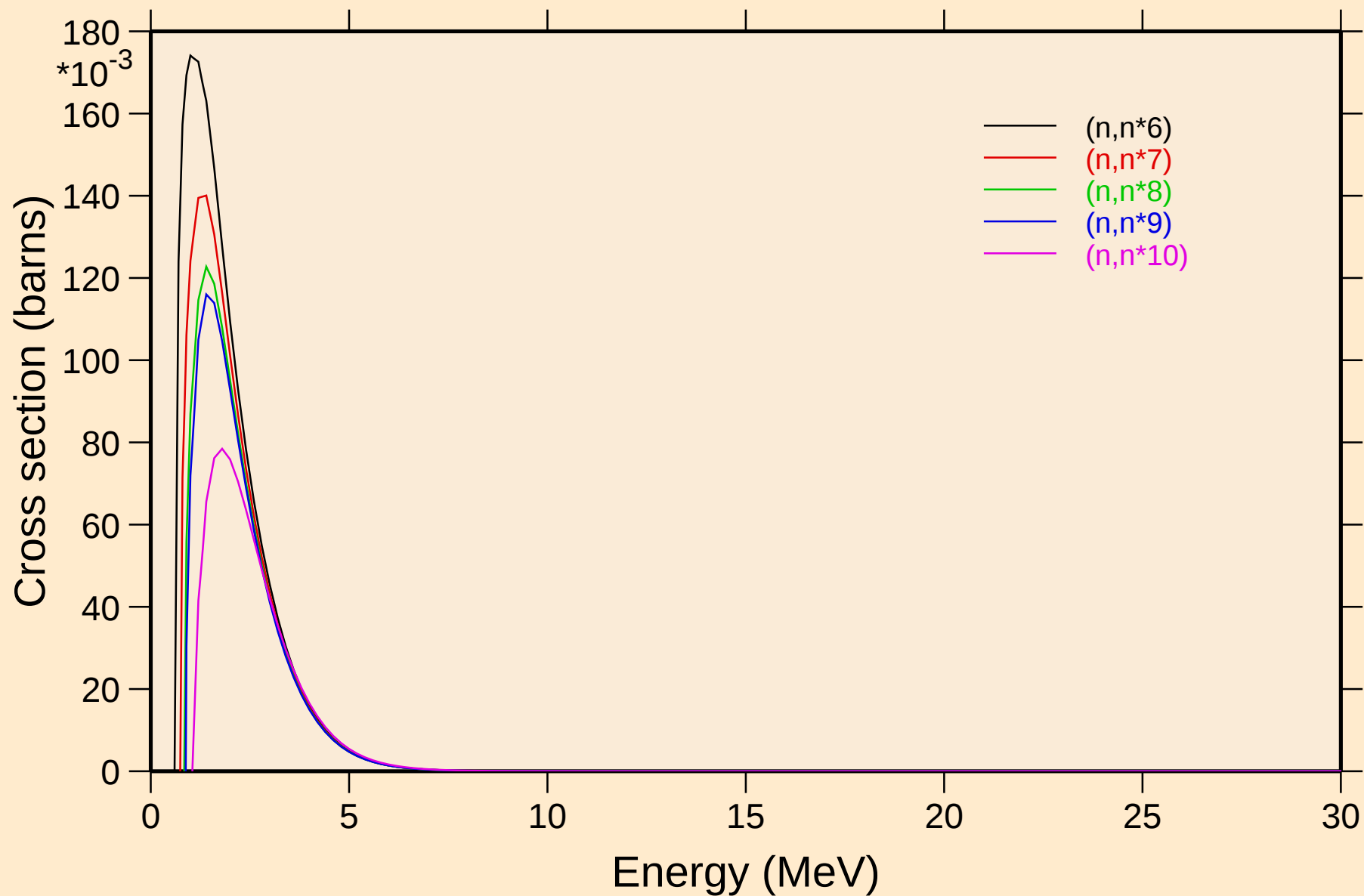
# SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



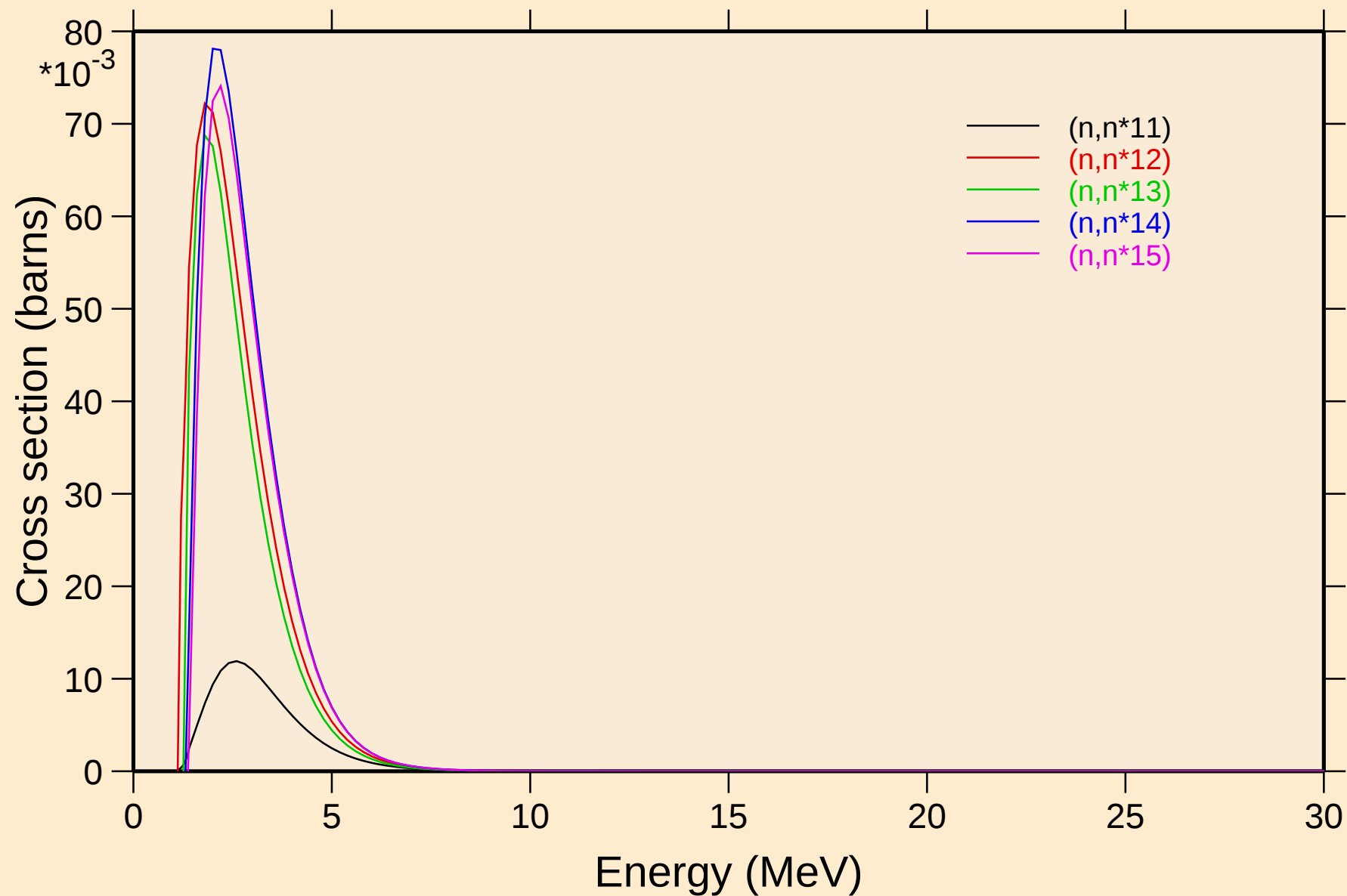
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## Inelastic levels



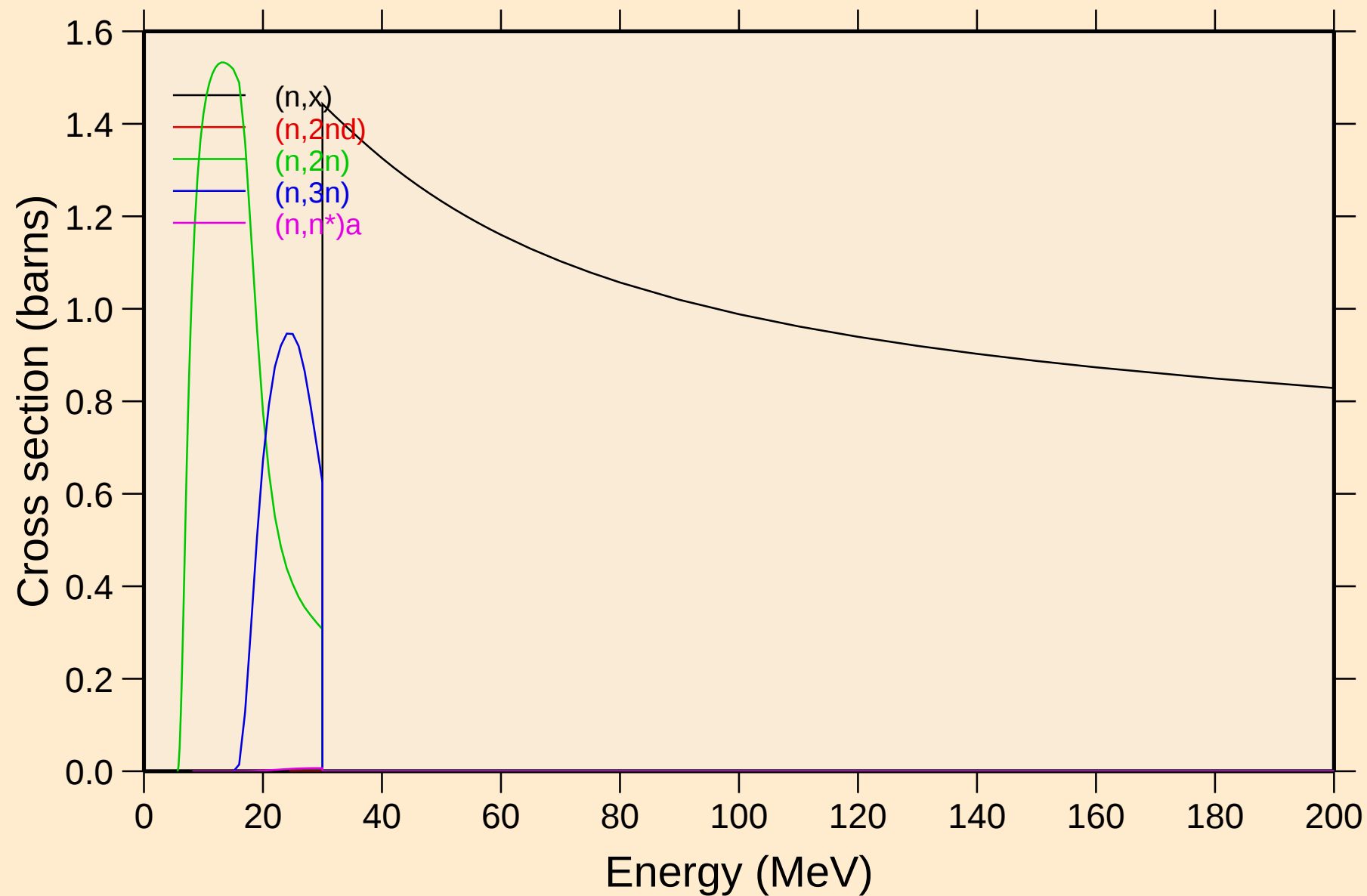
# SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels

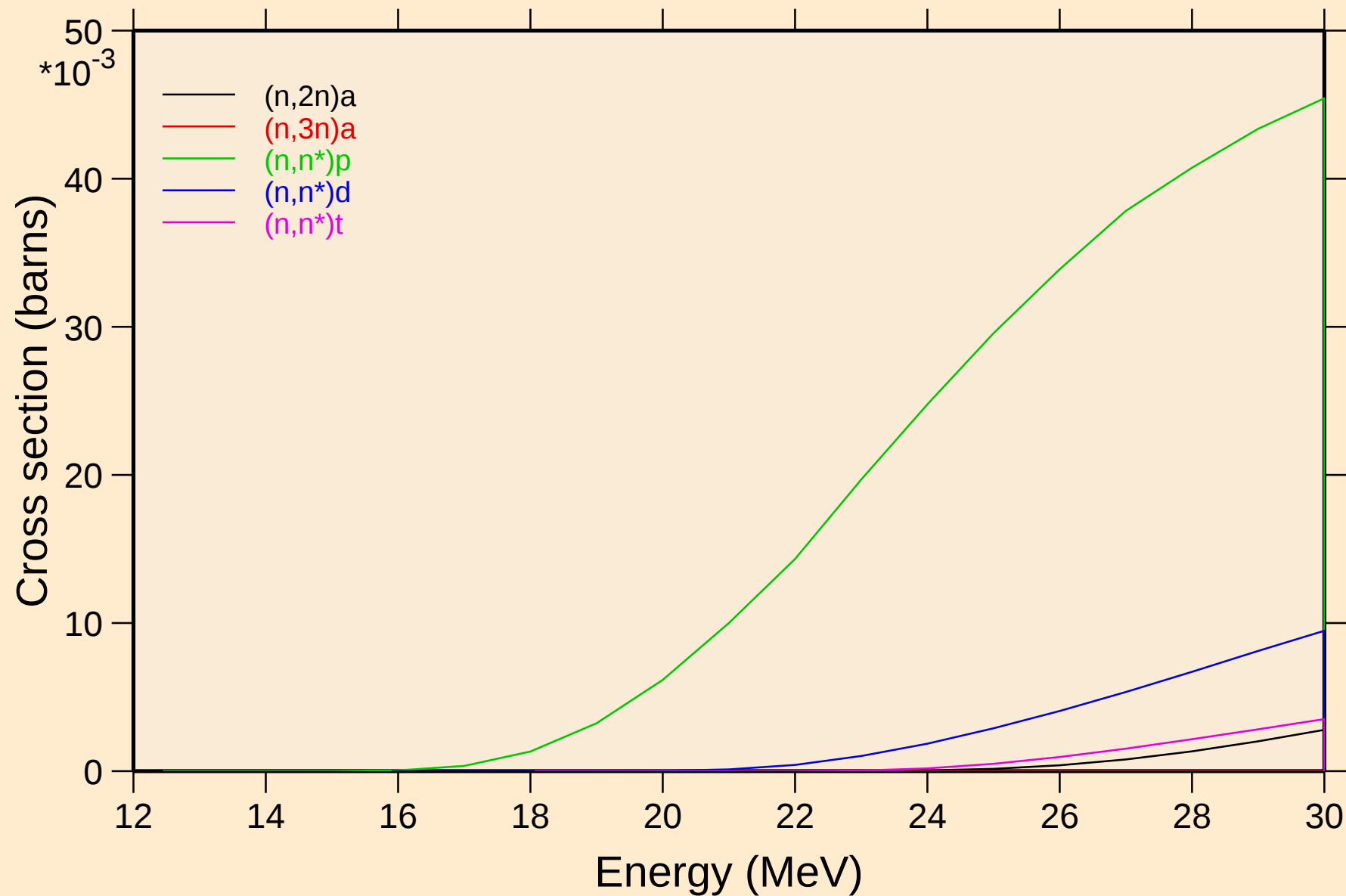


# SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

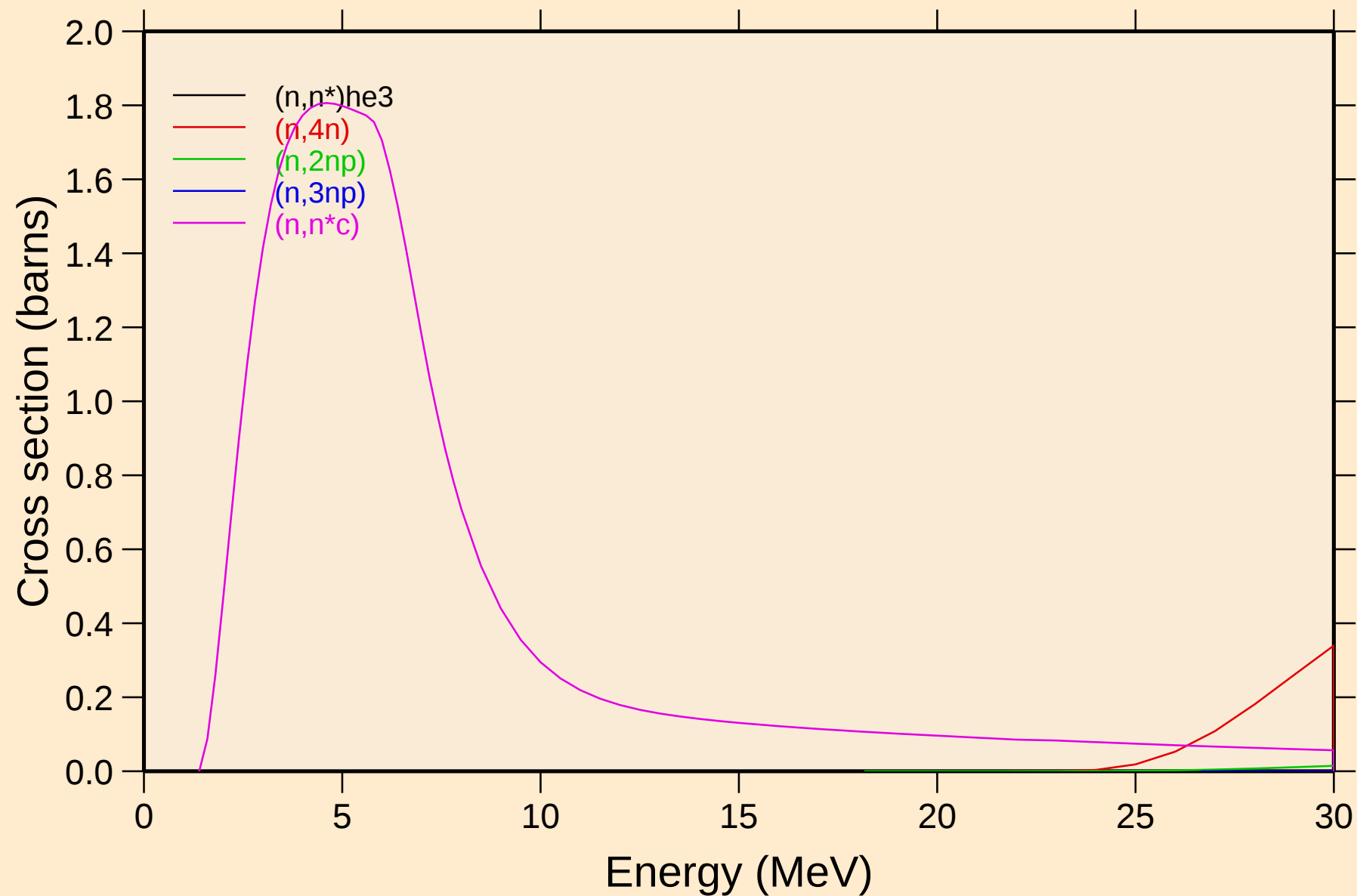
## Threshold reactions



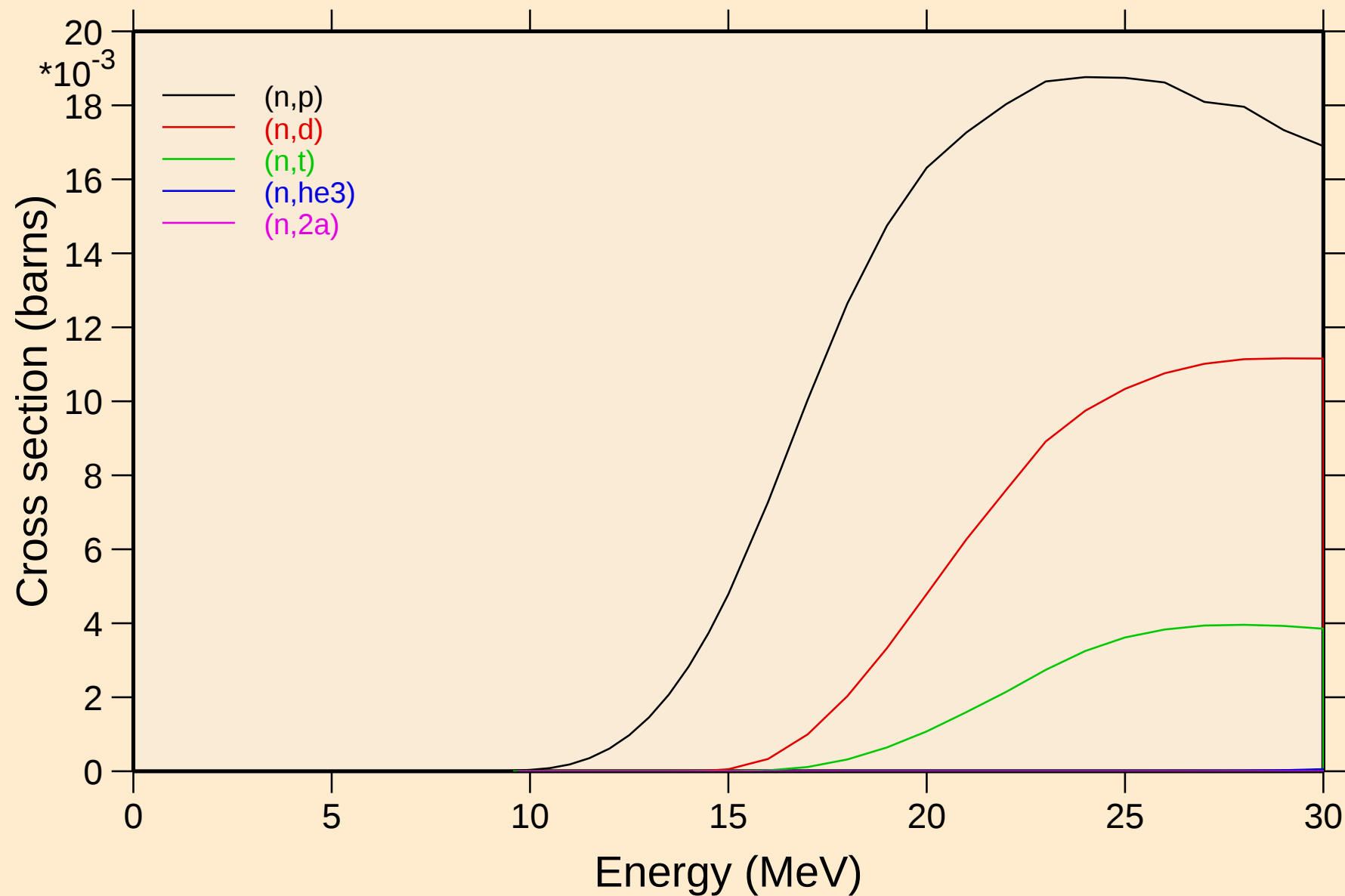
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



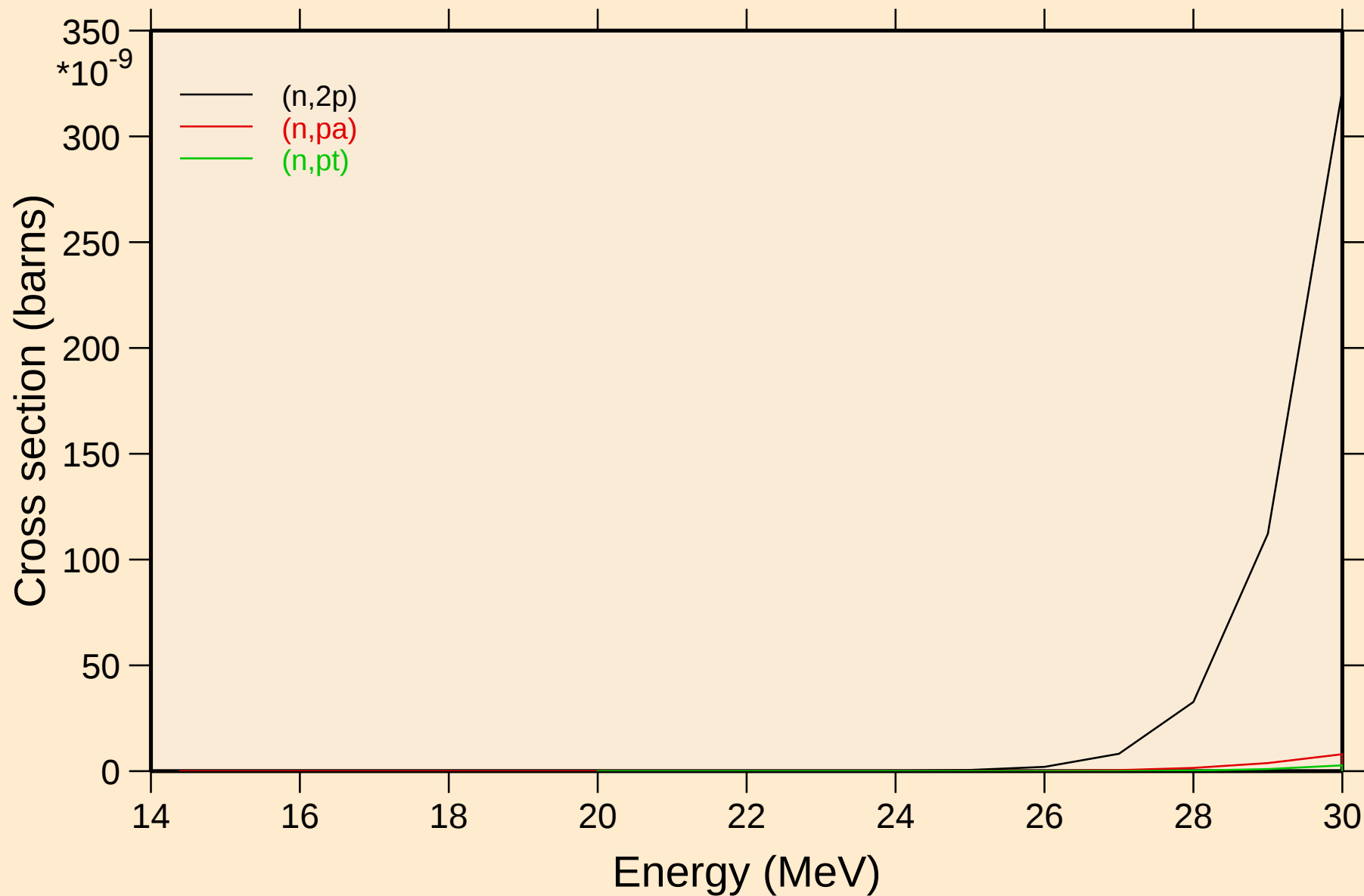
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



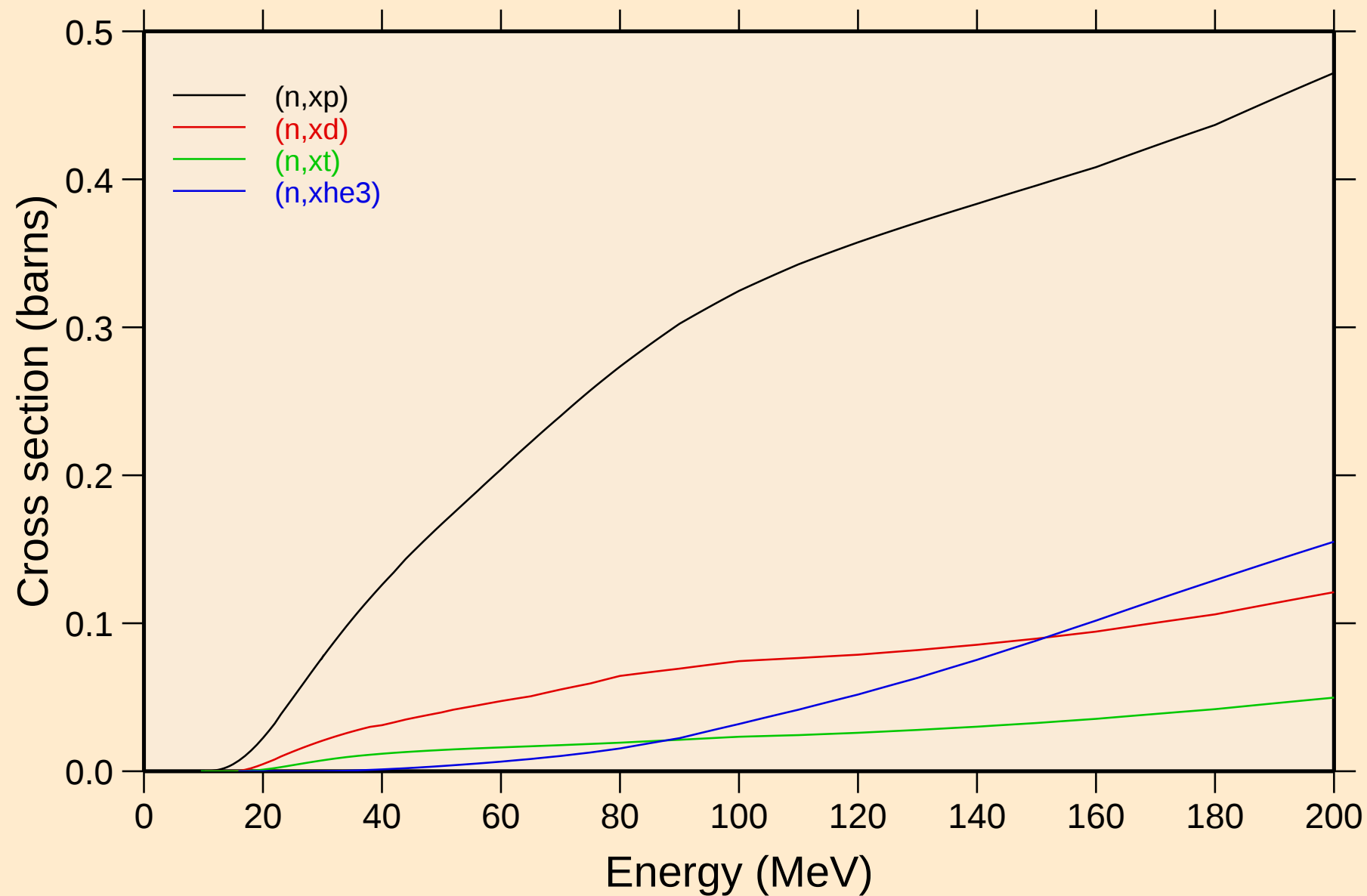
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



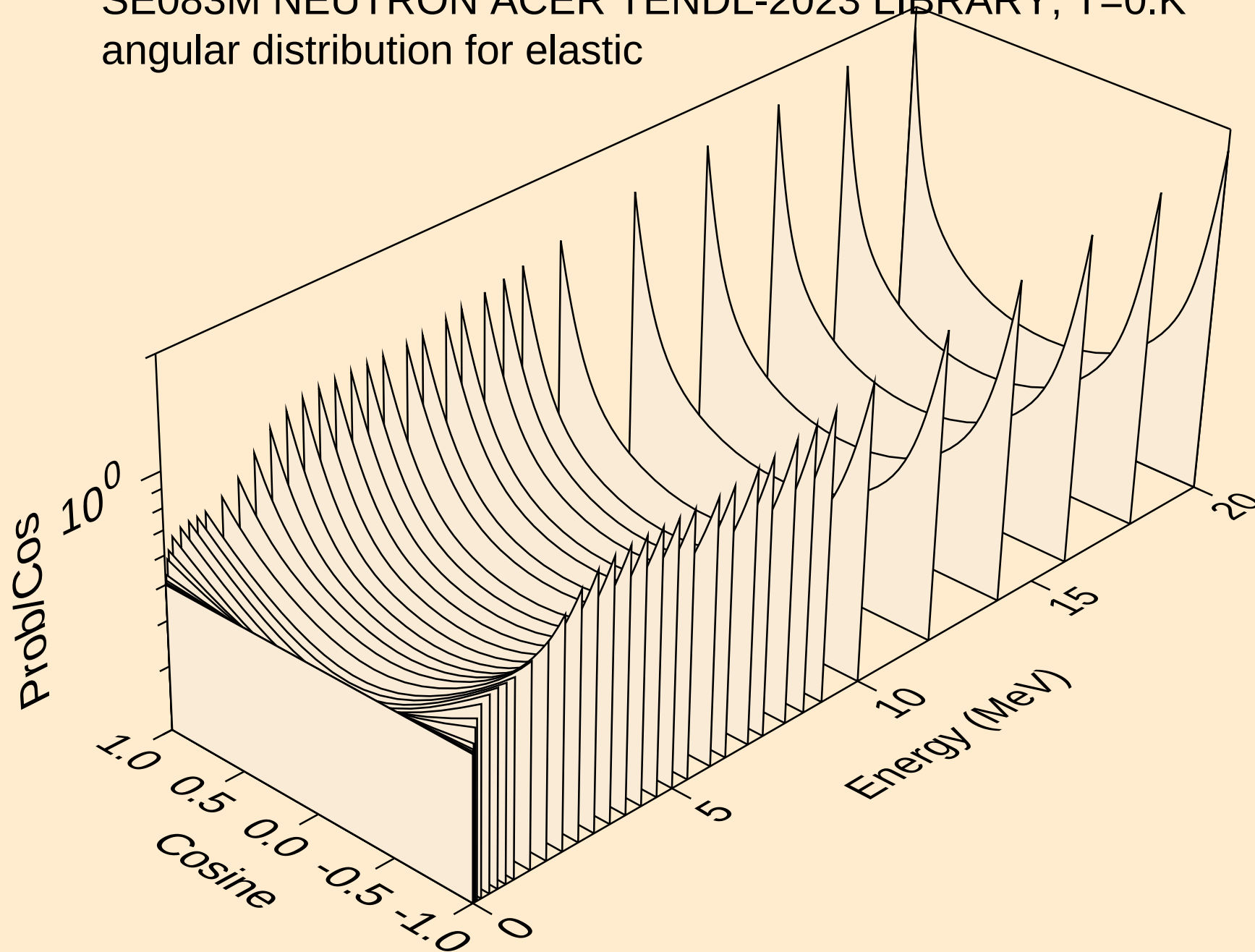
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



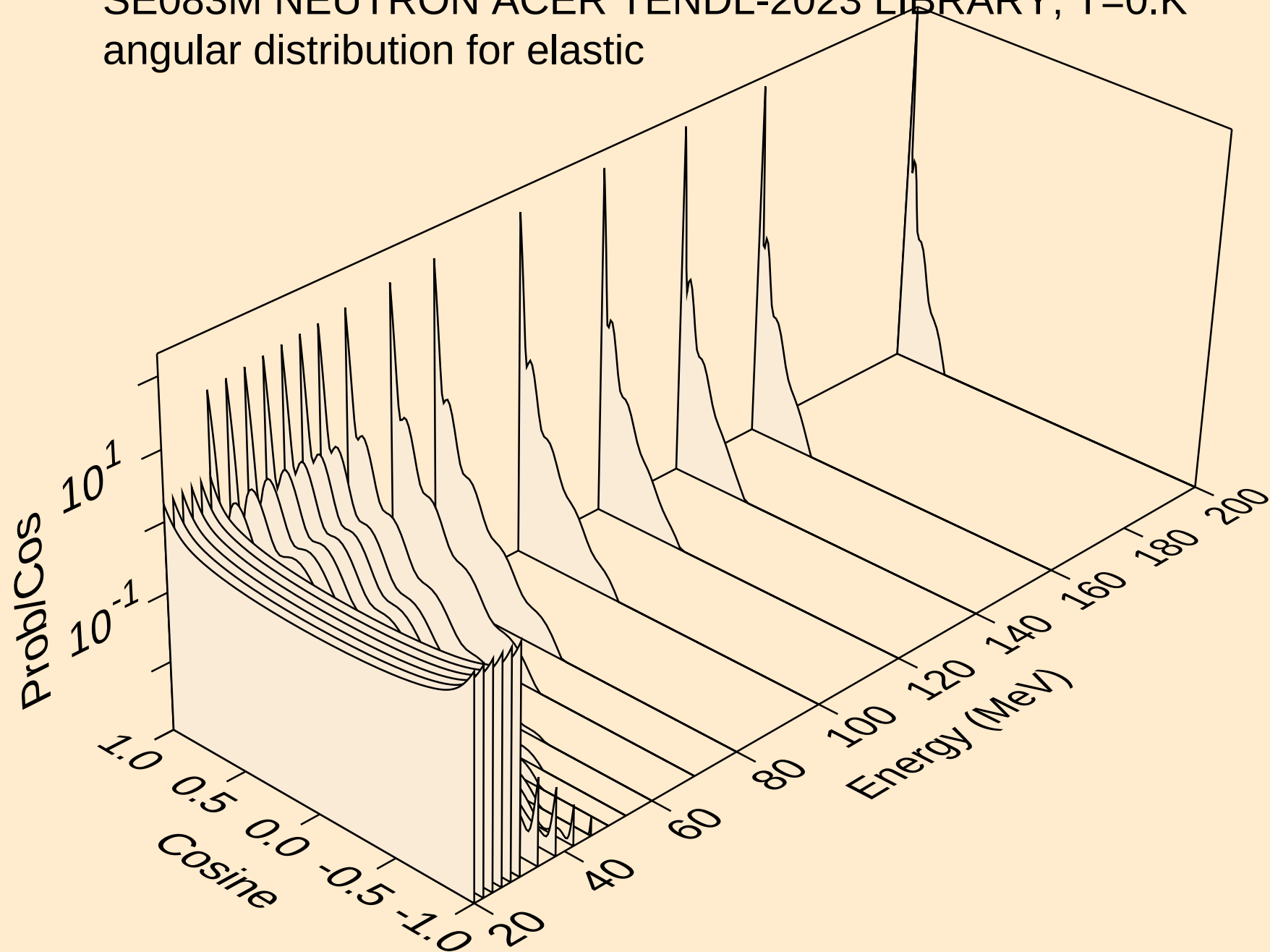
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



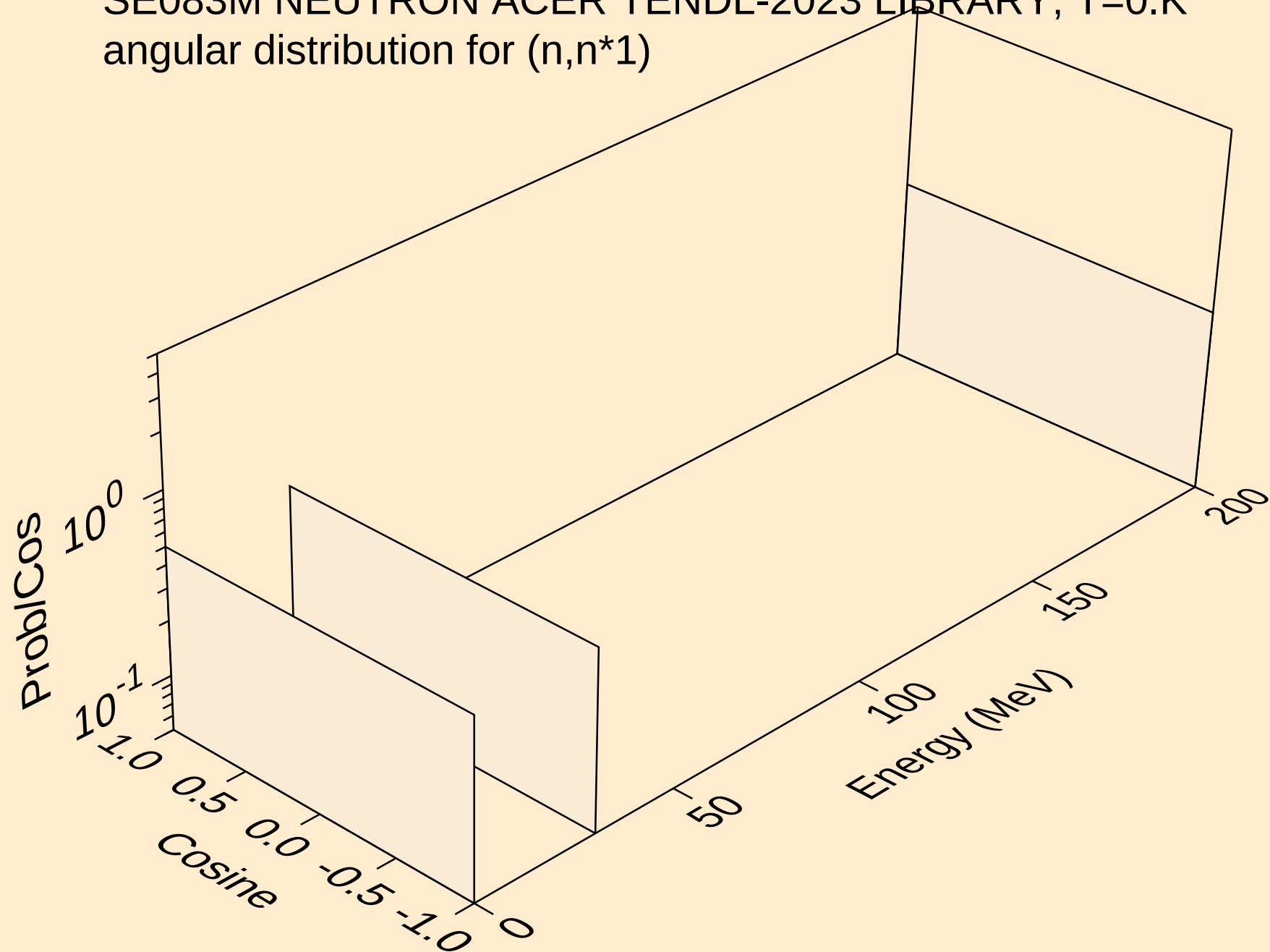
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



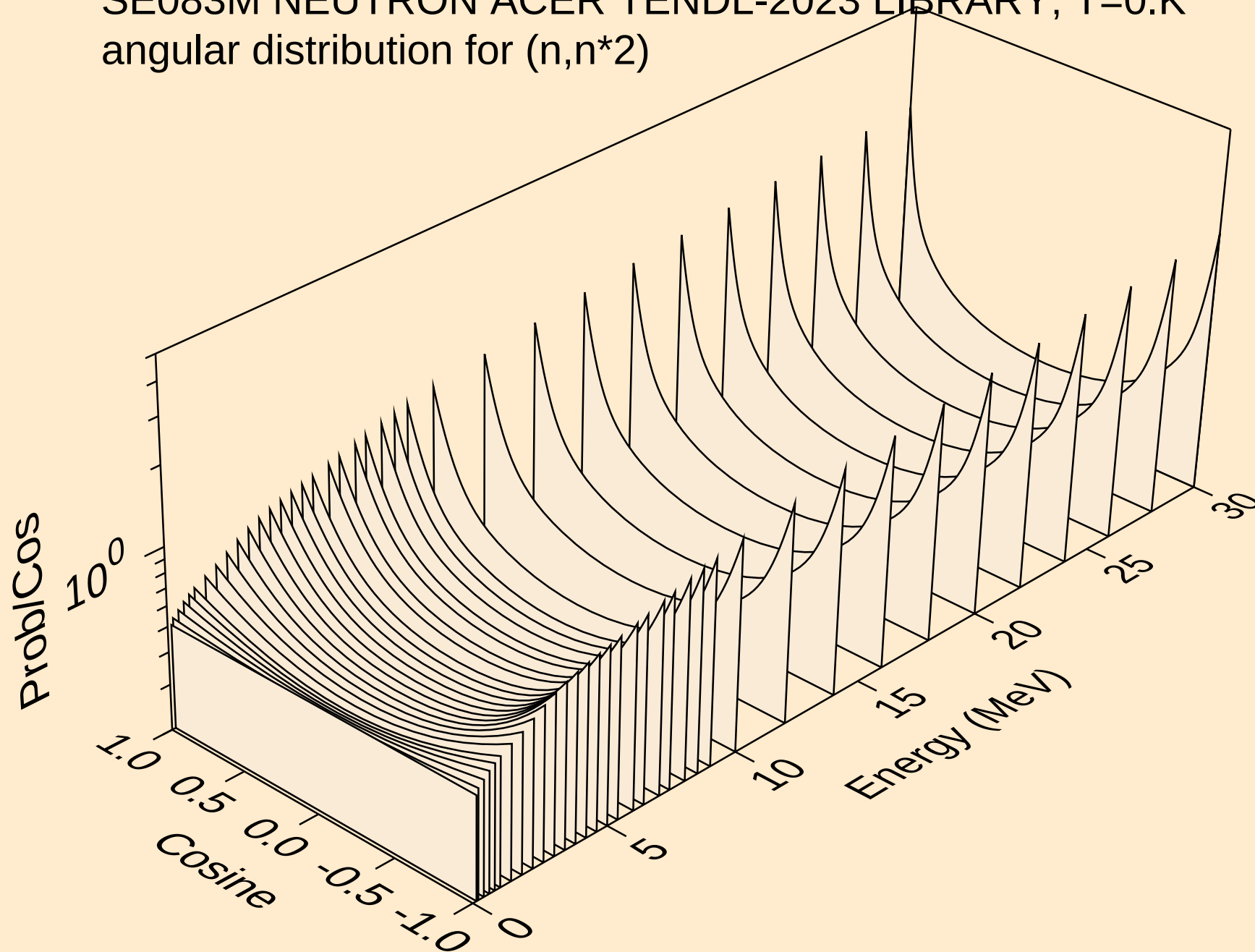
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angular distribution for elastic



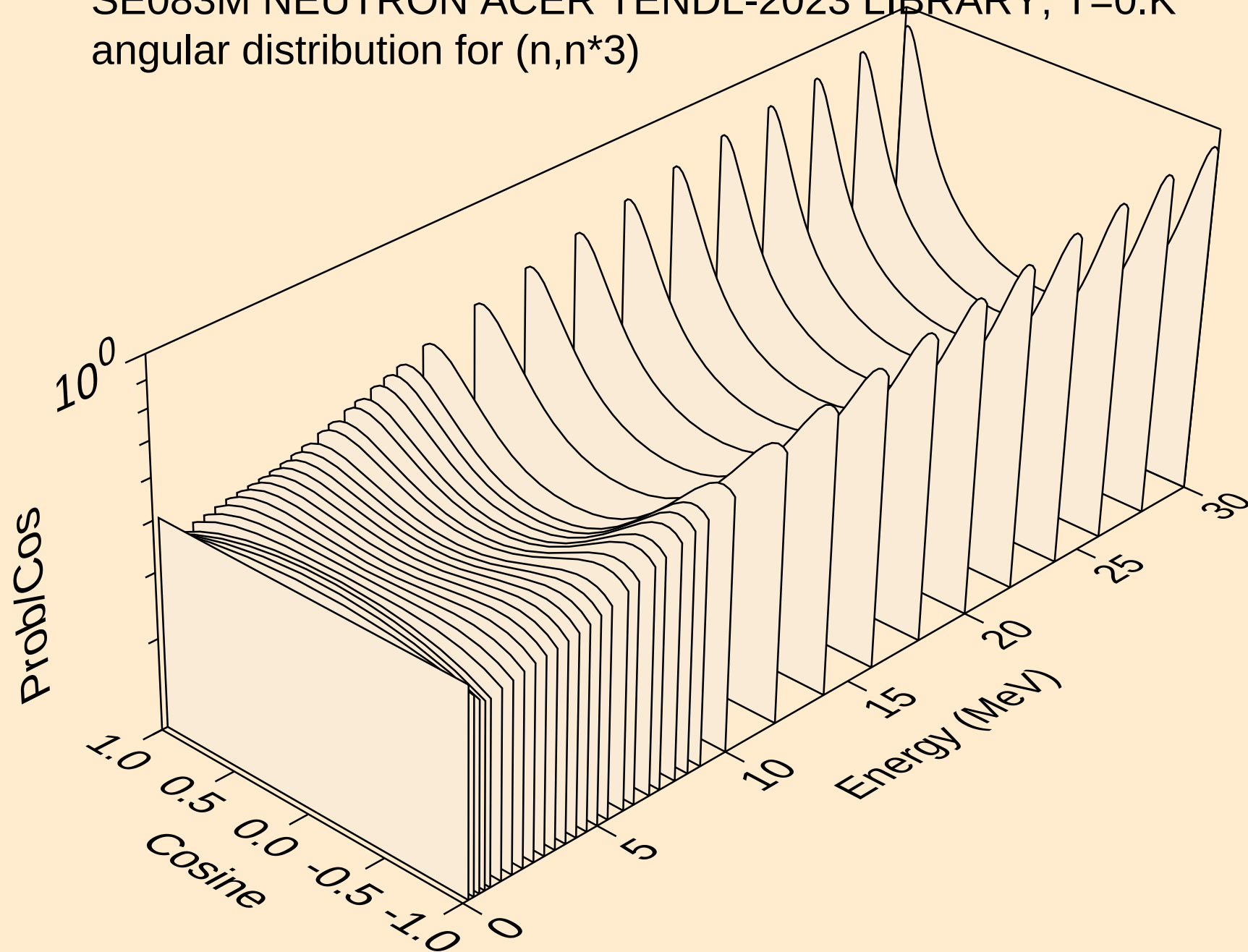
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



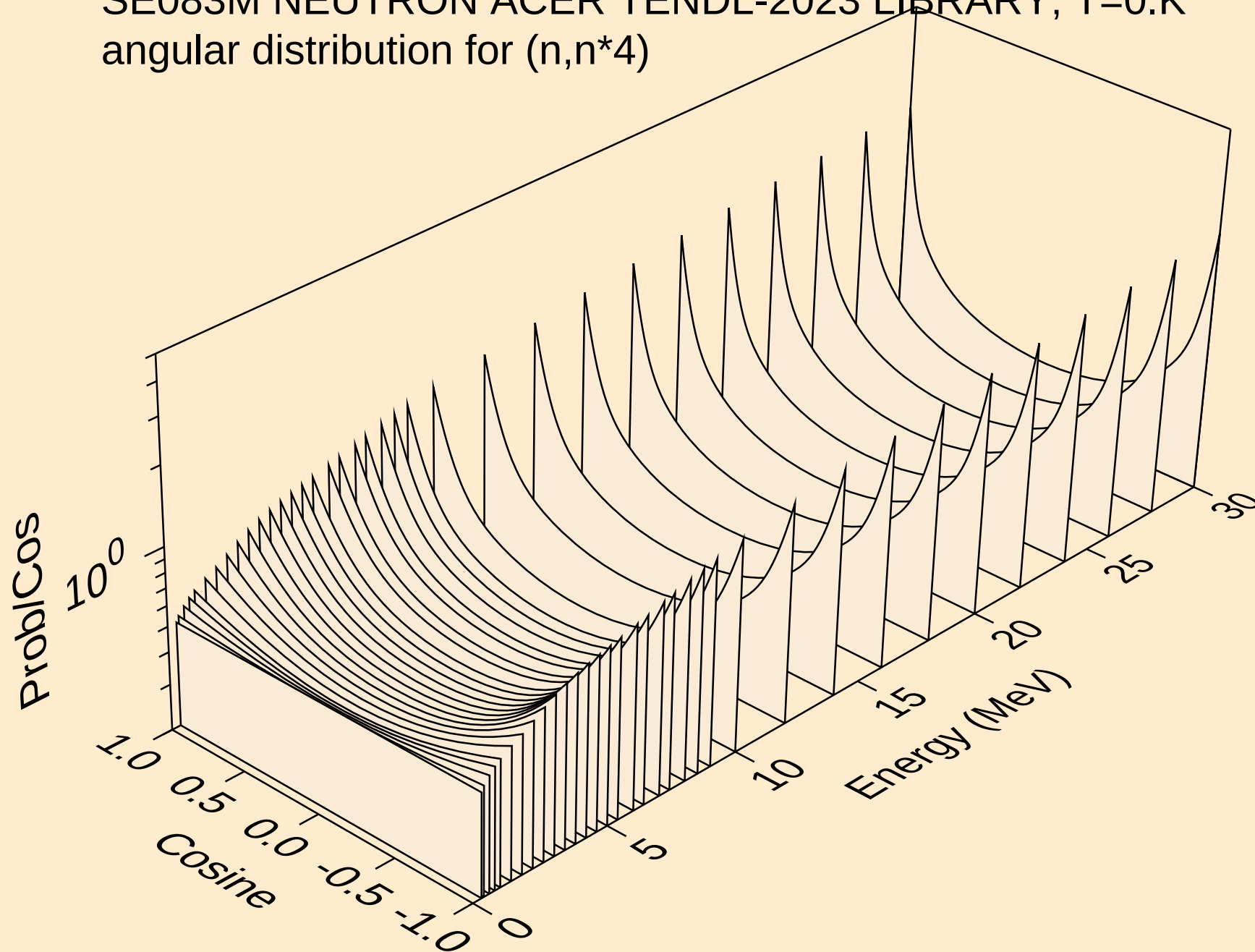
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angular distribution for (n,n\*2)



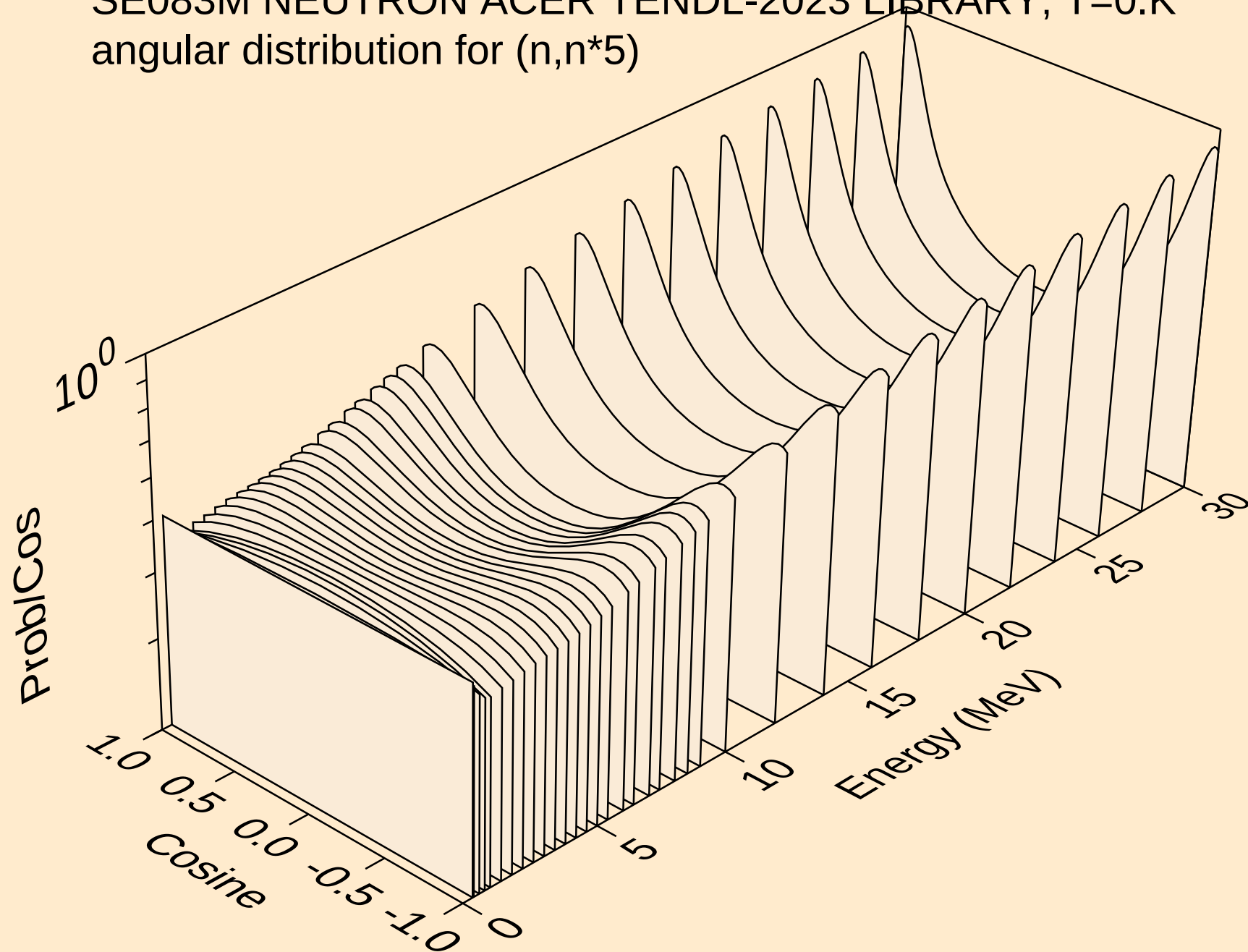
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angular distribution for (n,n\*3)



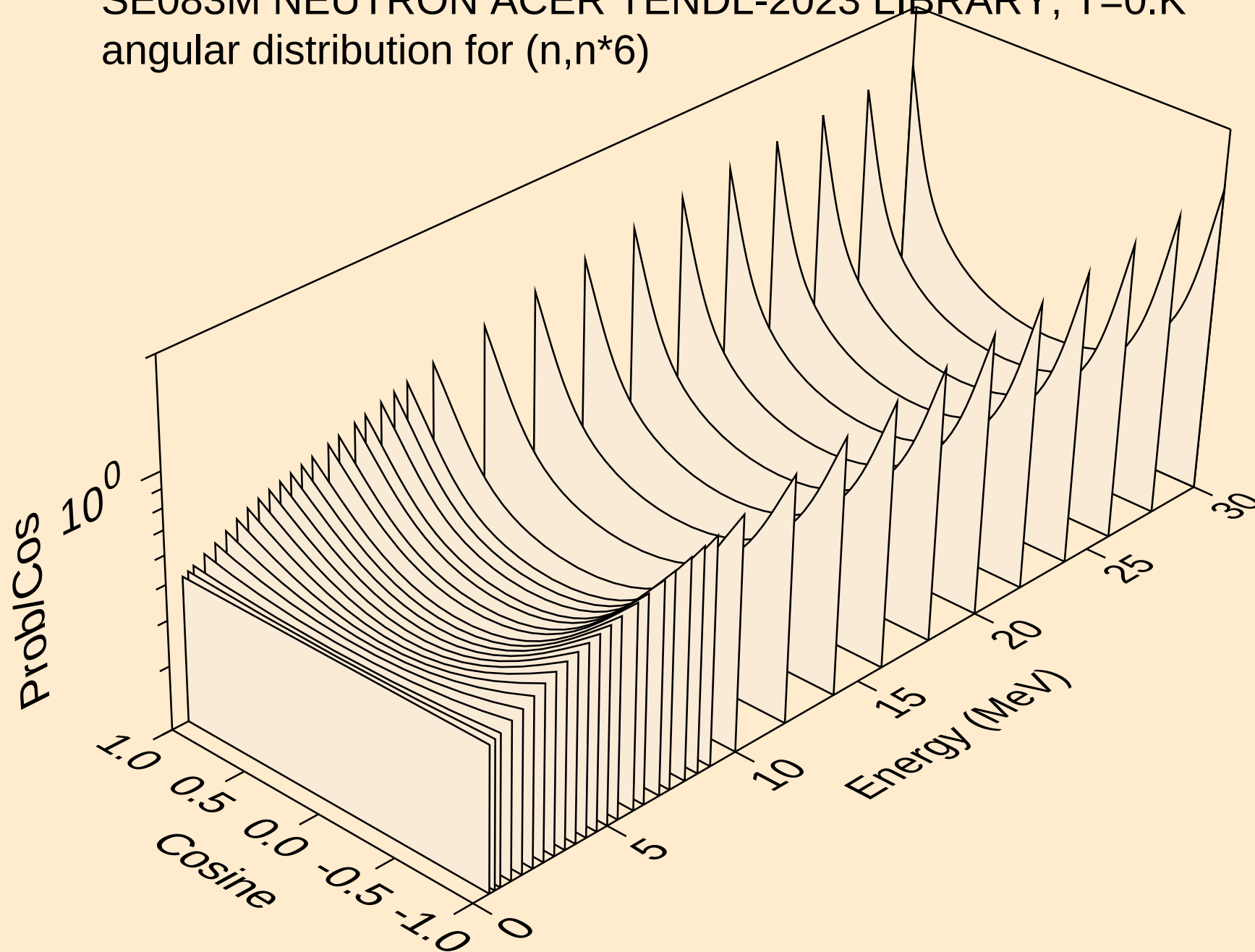
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angular distribution for (n,n\*4)



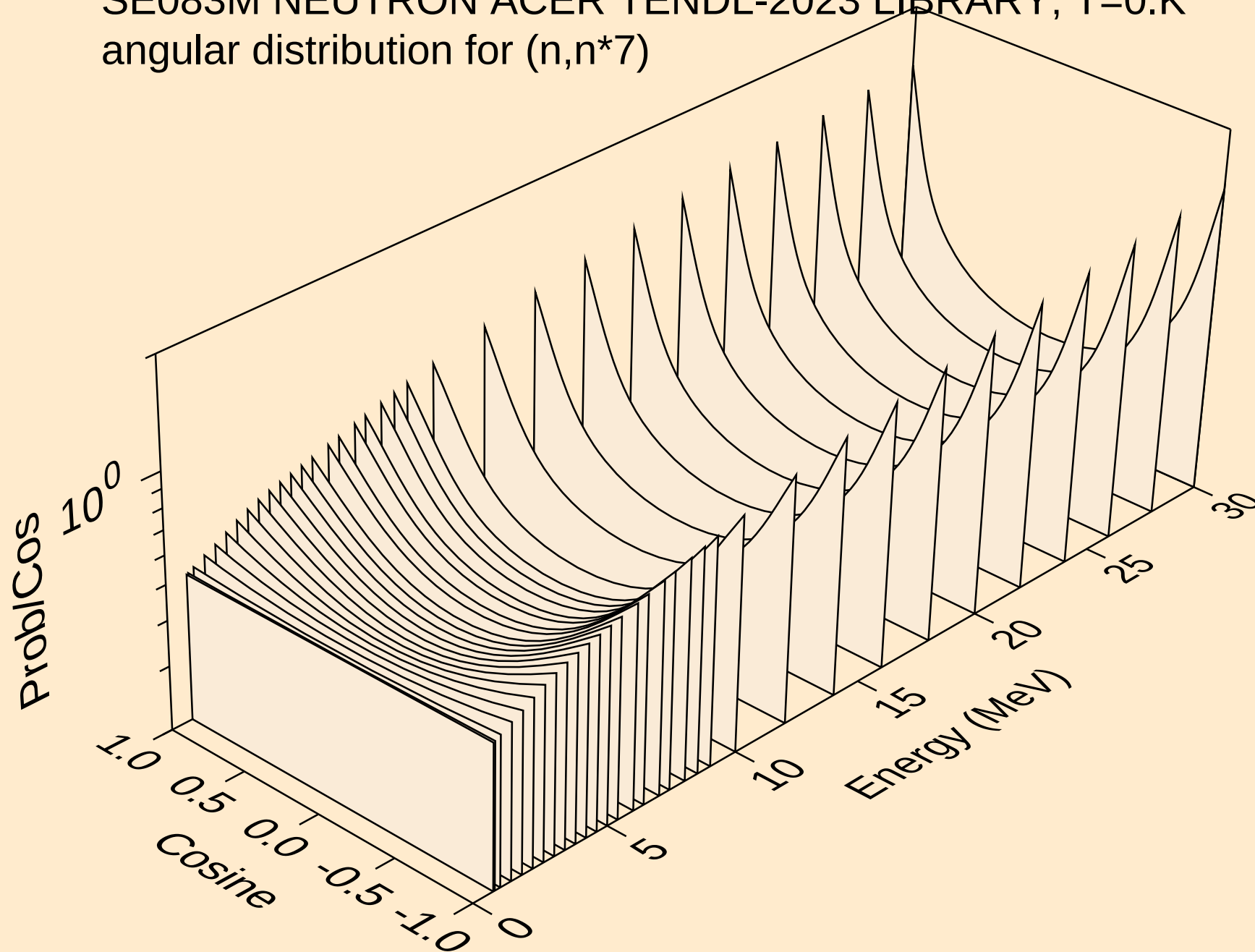
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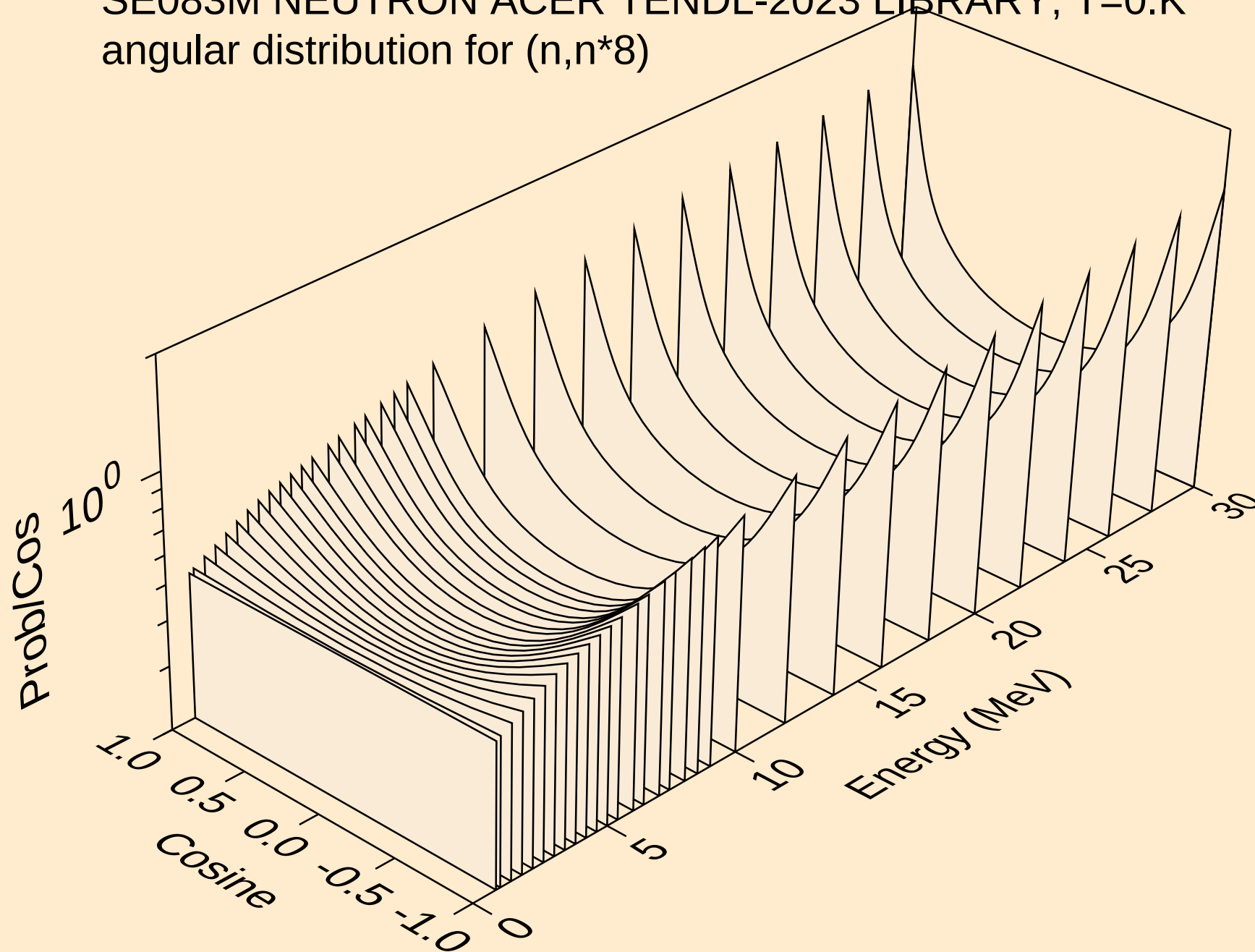
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



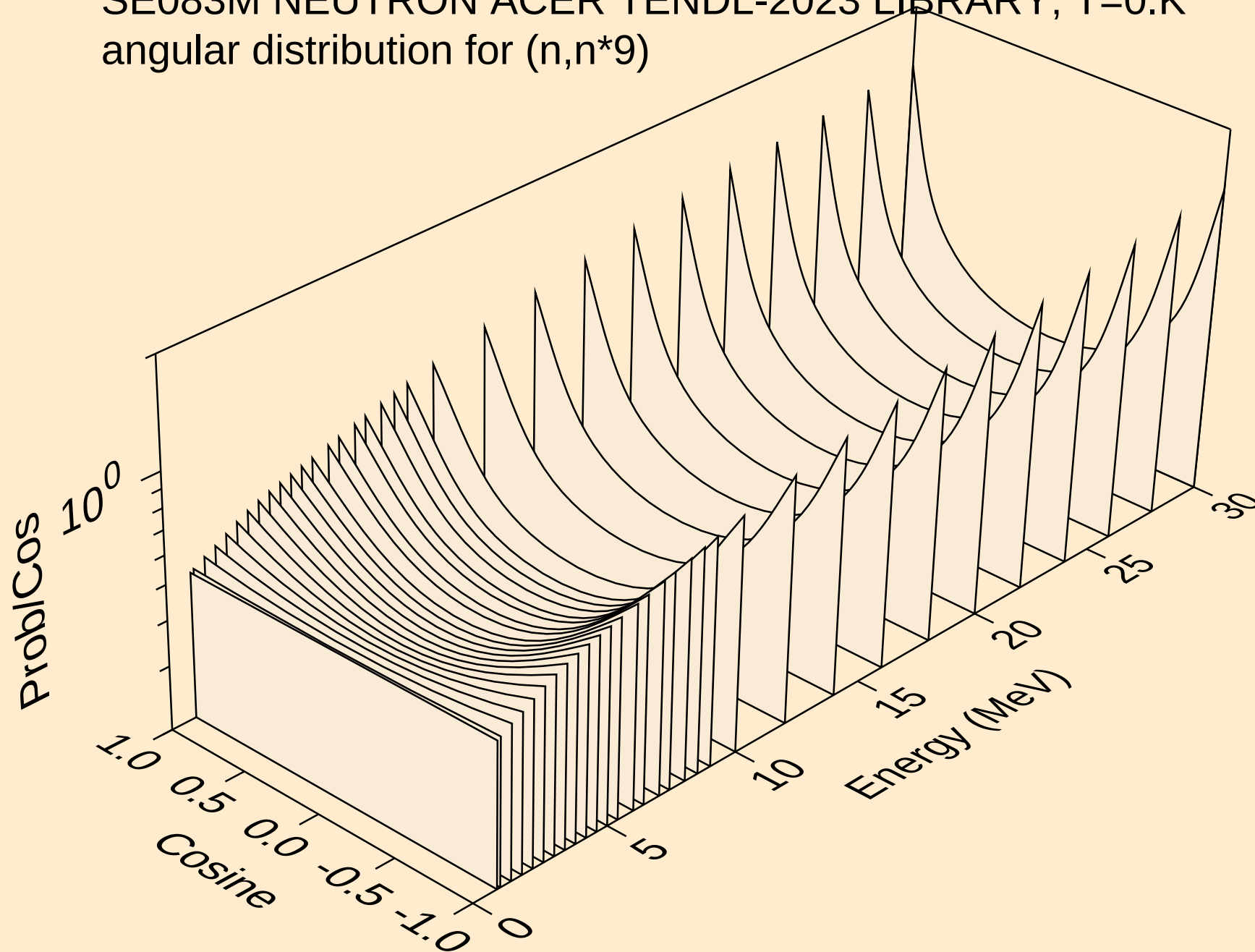
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angular distribution for (n,n\*7)



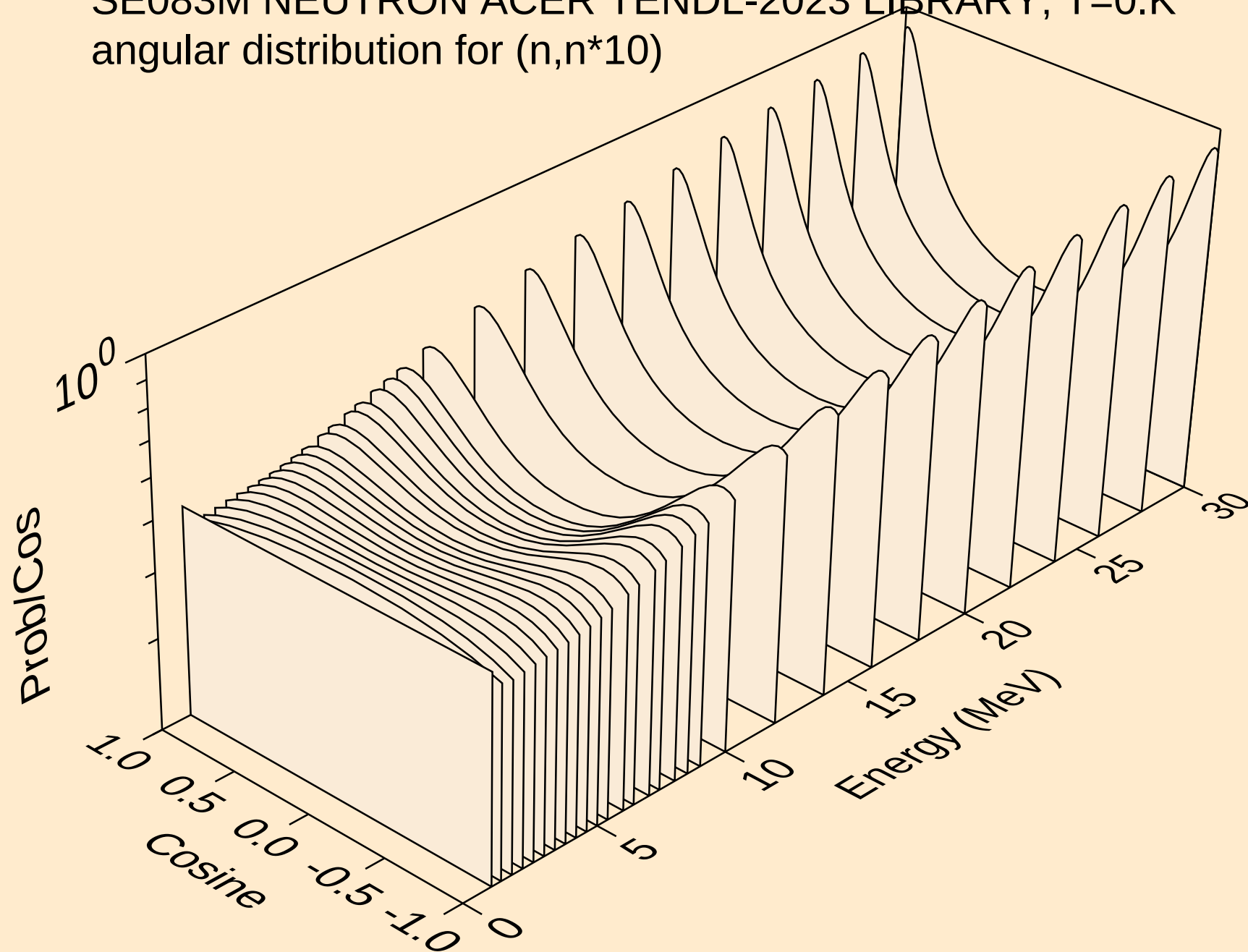
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angular distribution for (n,n\*8)



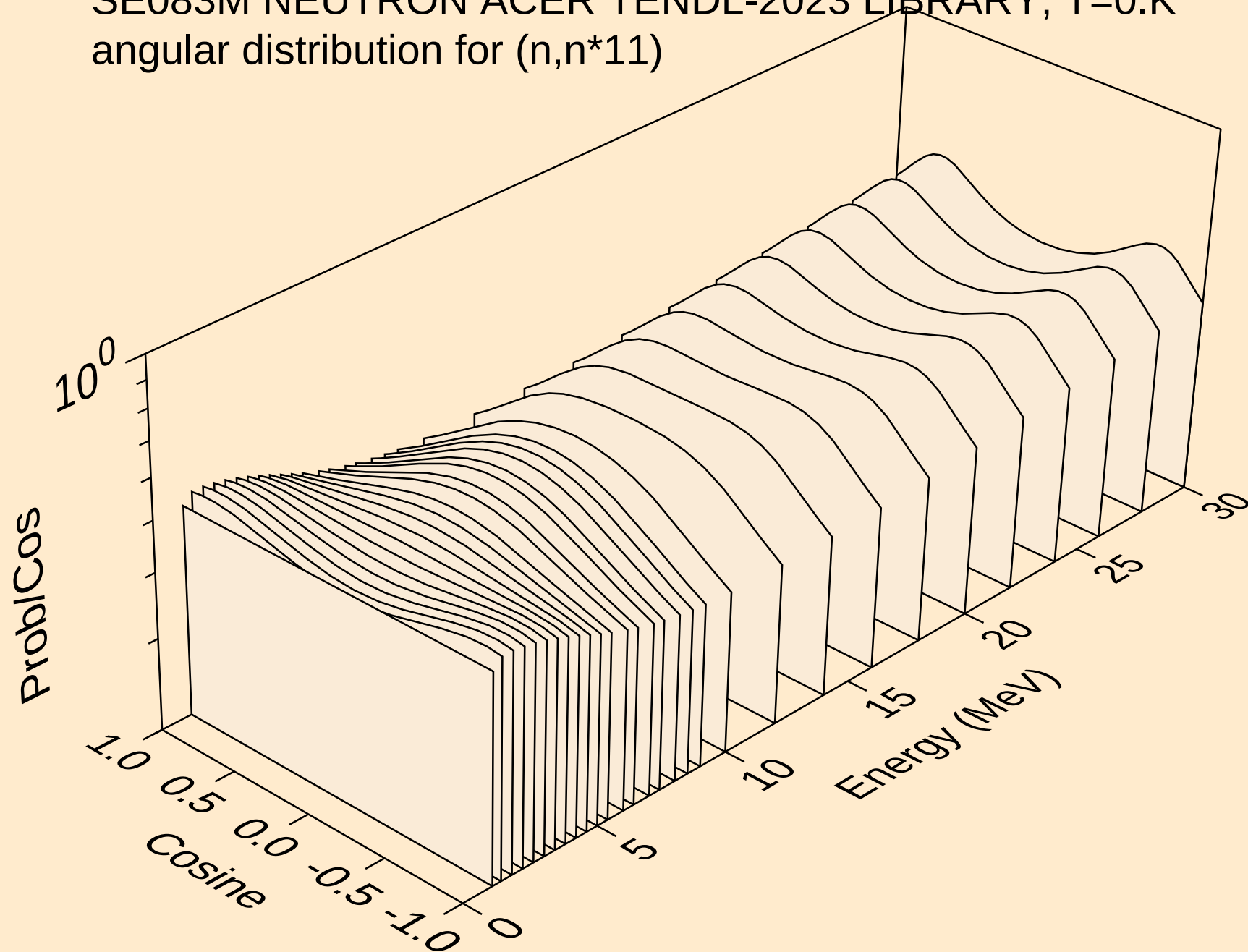
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angular distribution for (n,n\*9)



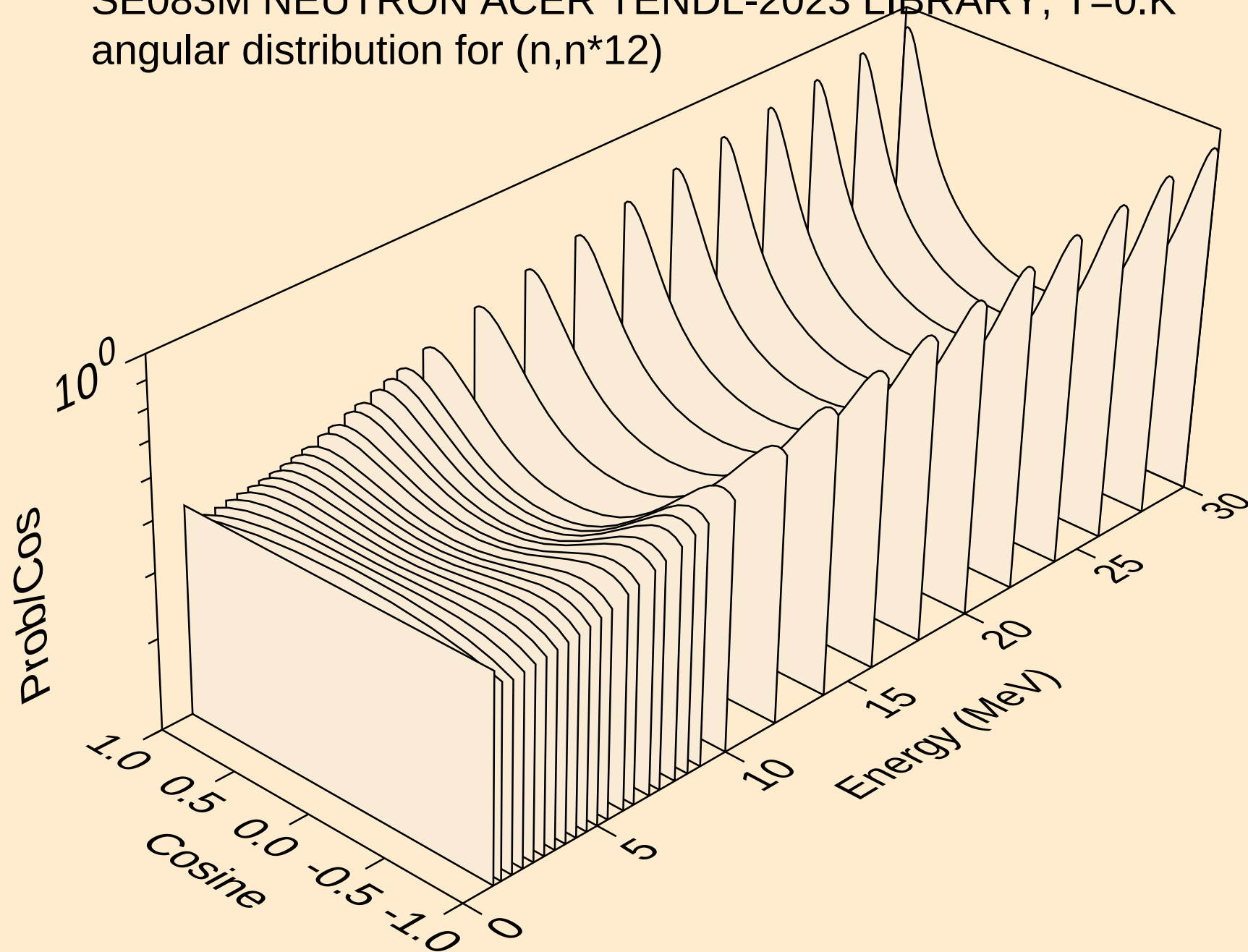
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angular distribution for (n,n\*10)



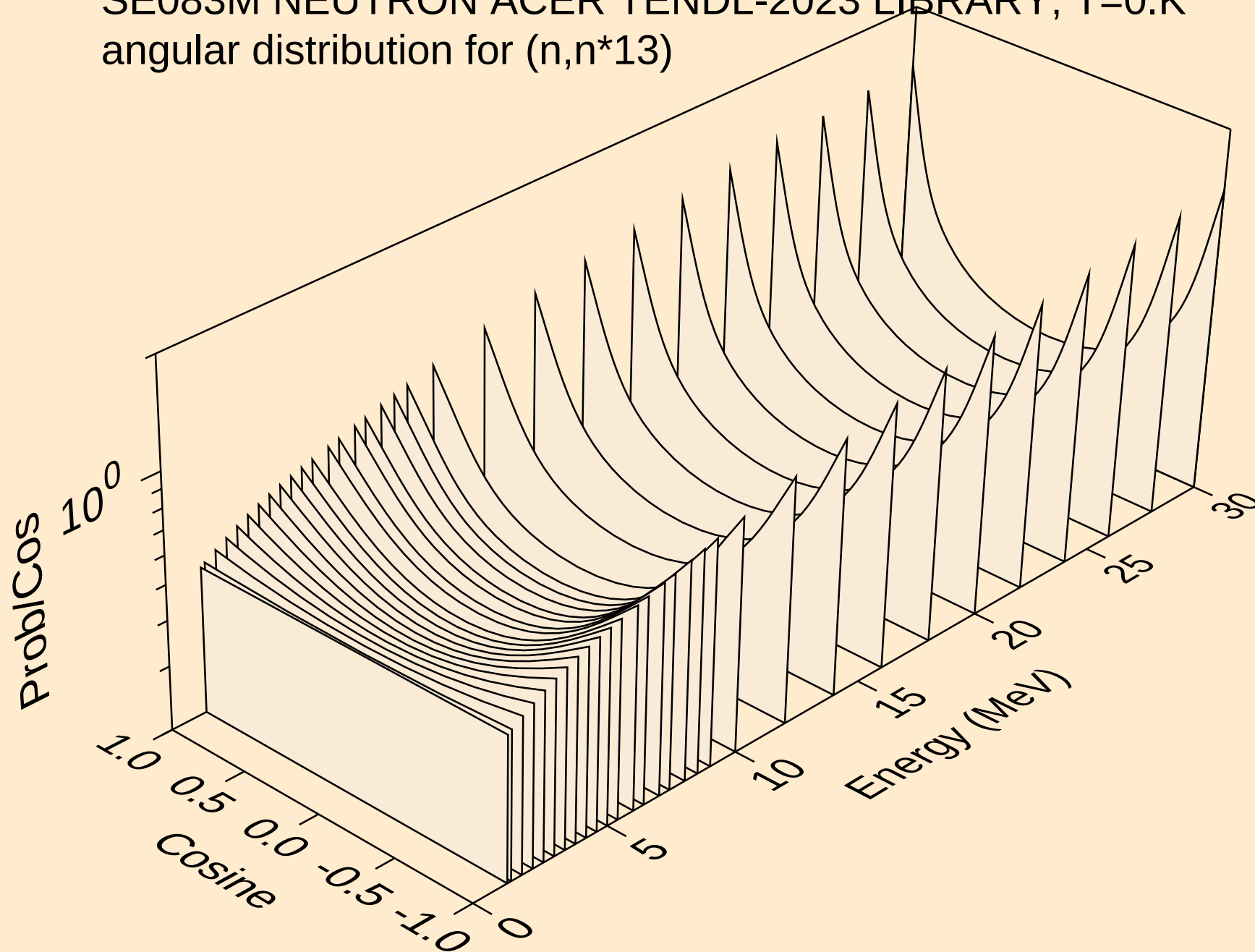
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angular distribution for (n,n\*11)



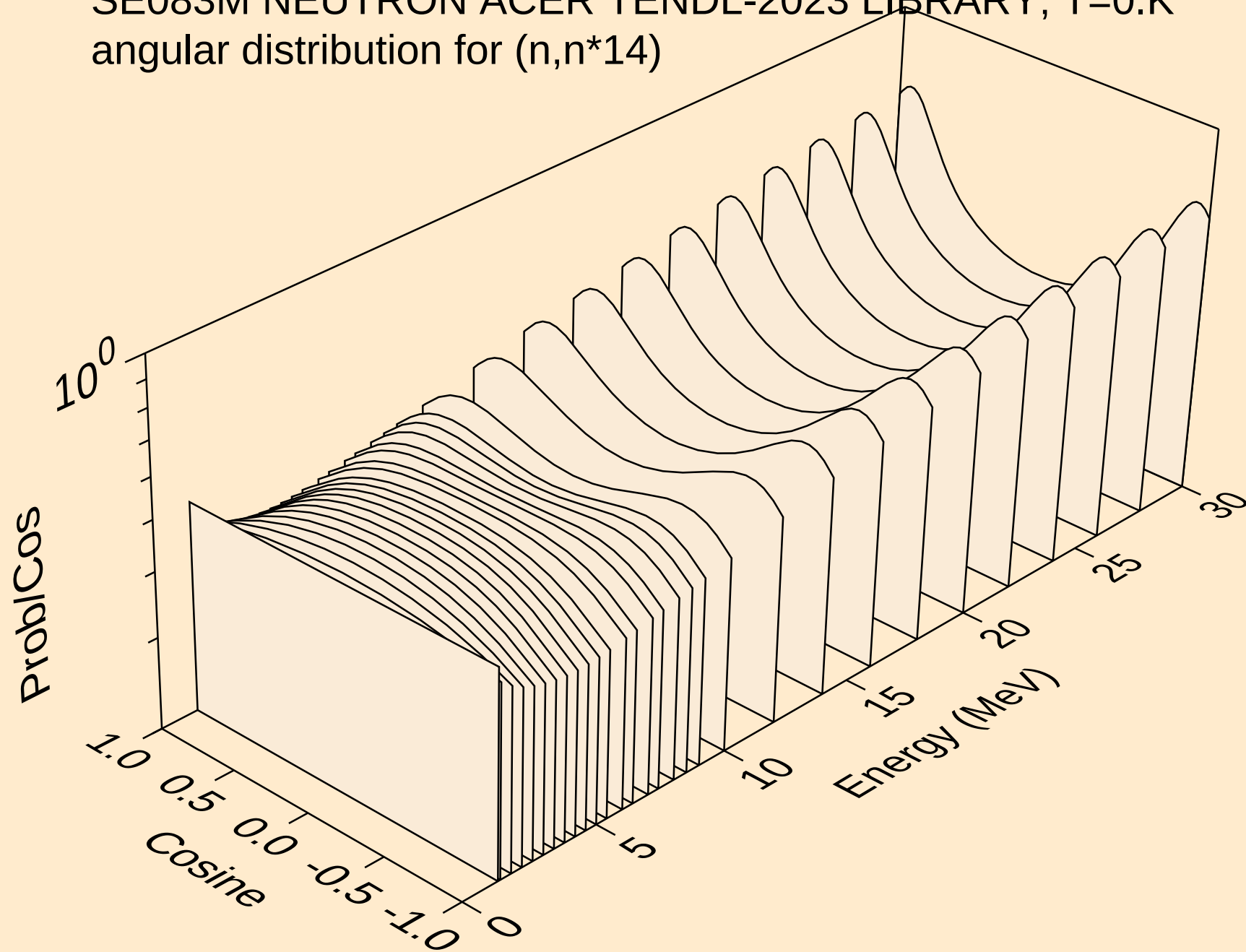
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angular distribution for (n,n\*12)



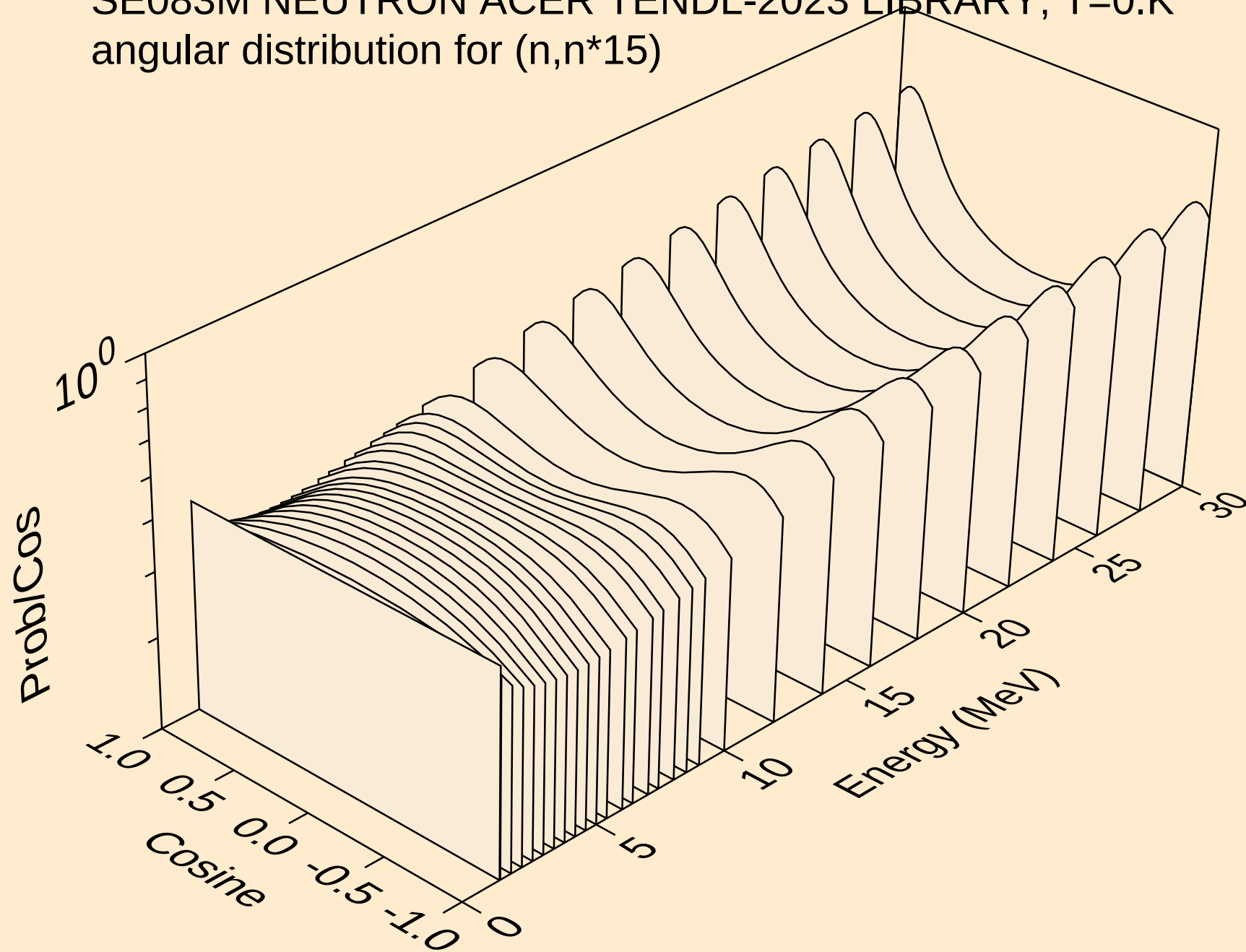
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angular distribution for (n,n\*13)



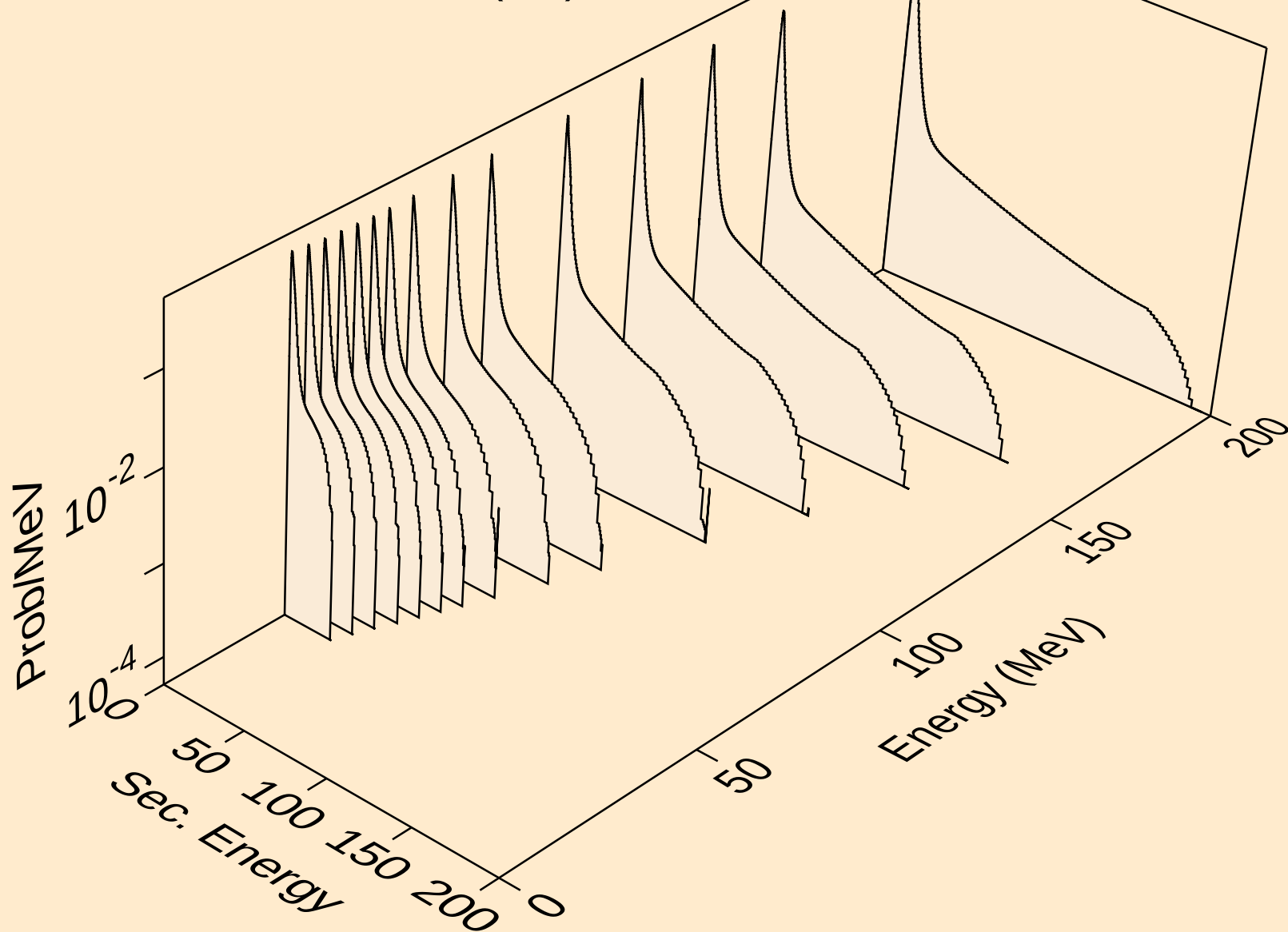
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angular distribution for (n,n\*14)



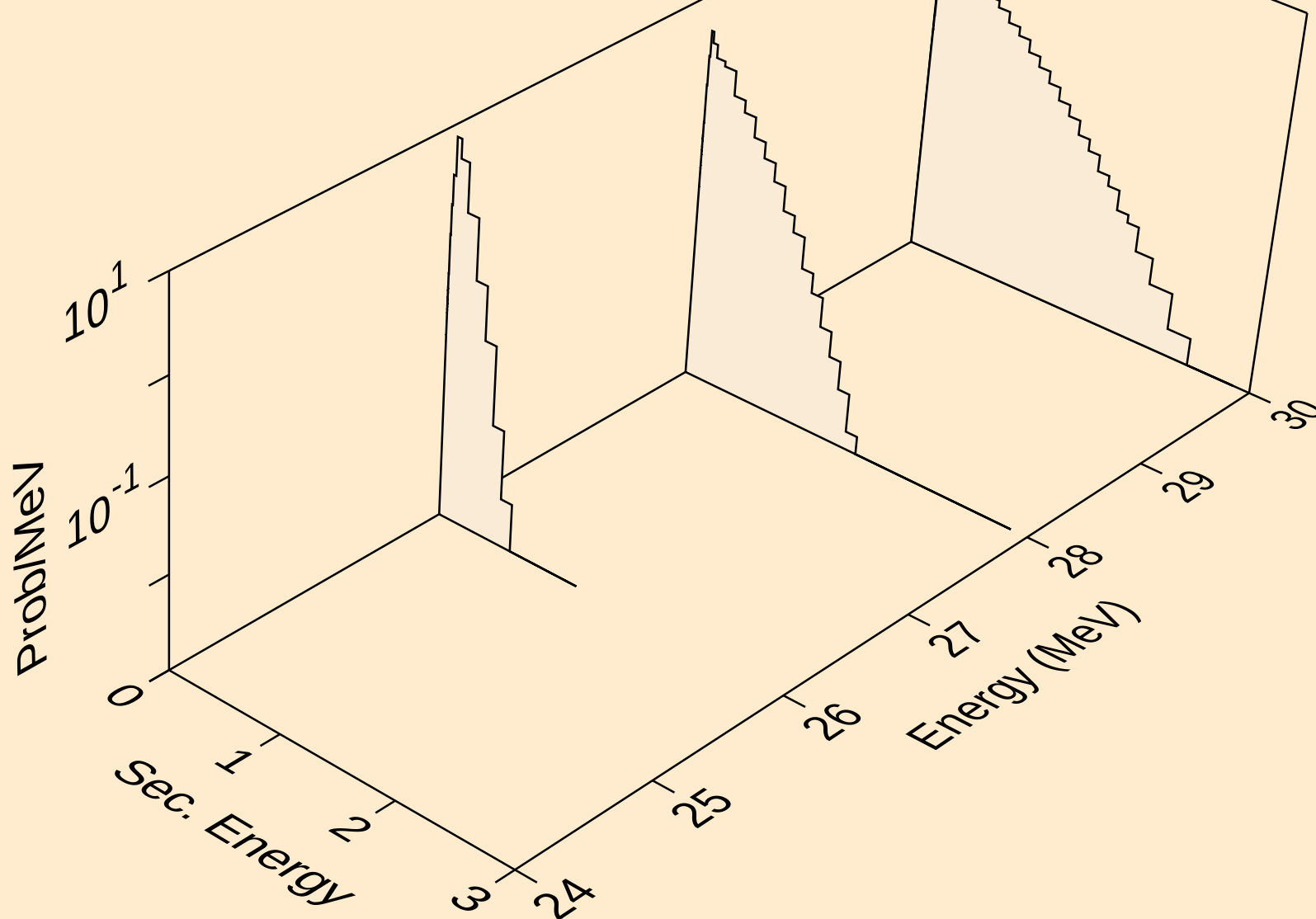
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angular distribution for (n,n\*15)



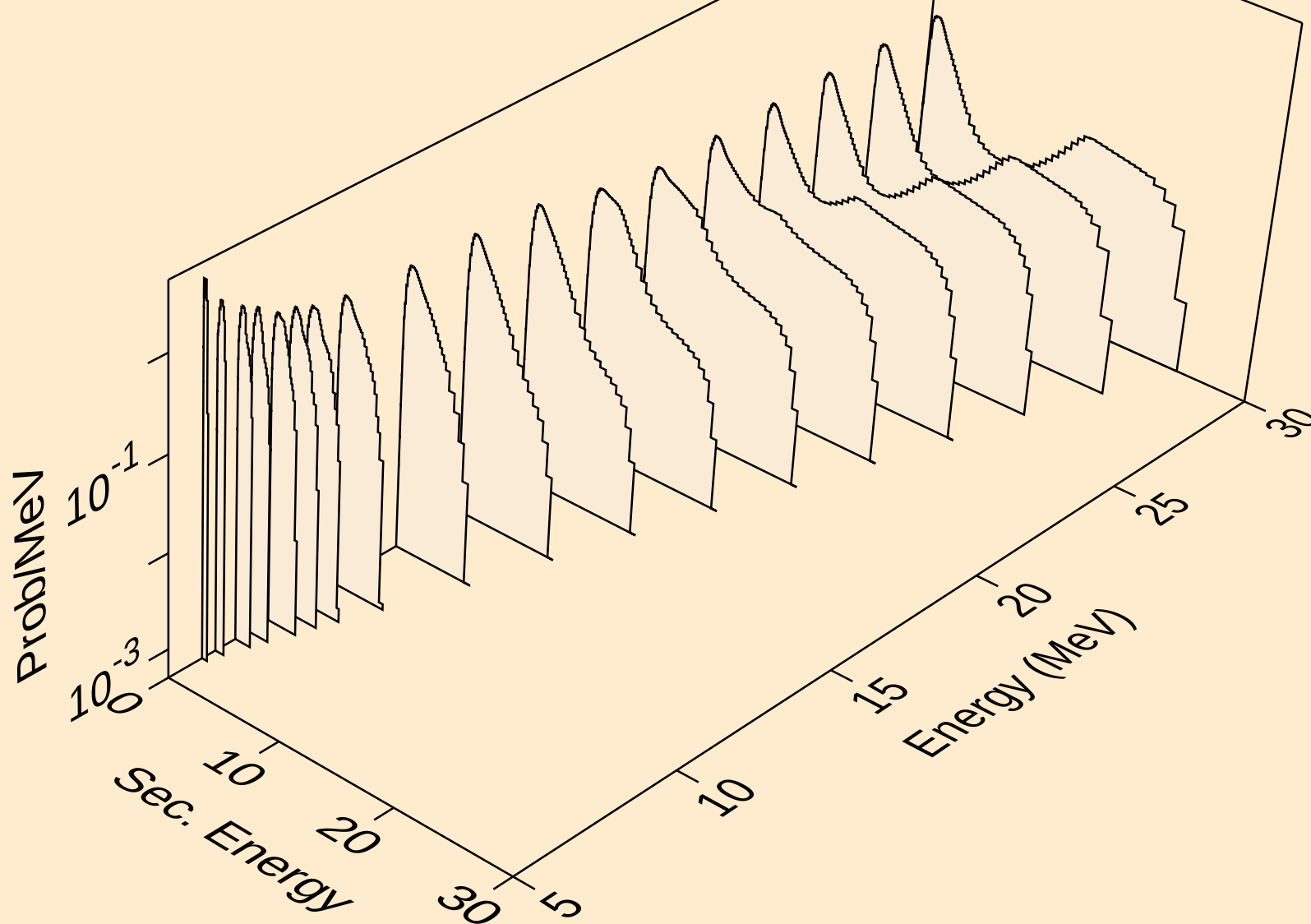
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



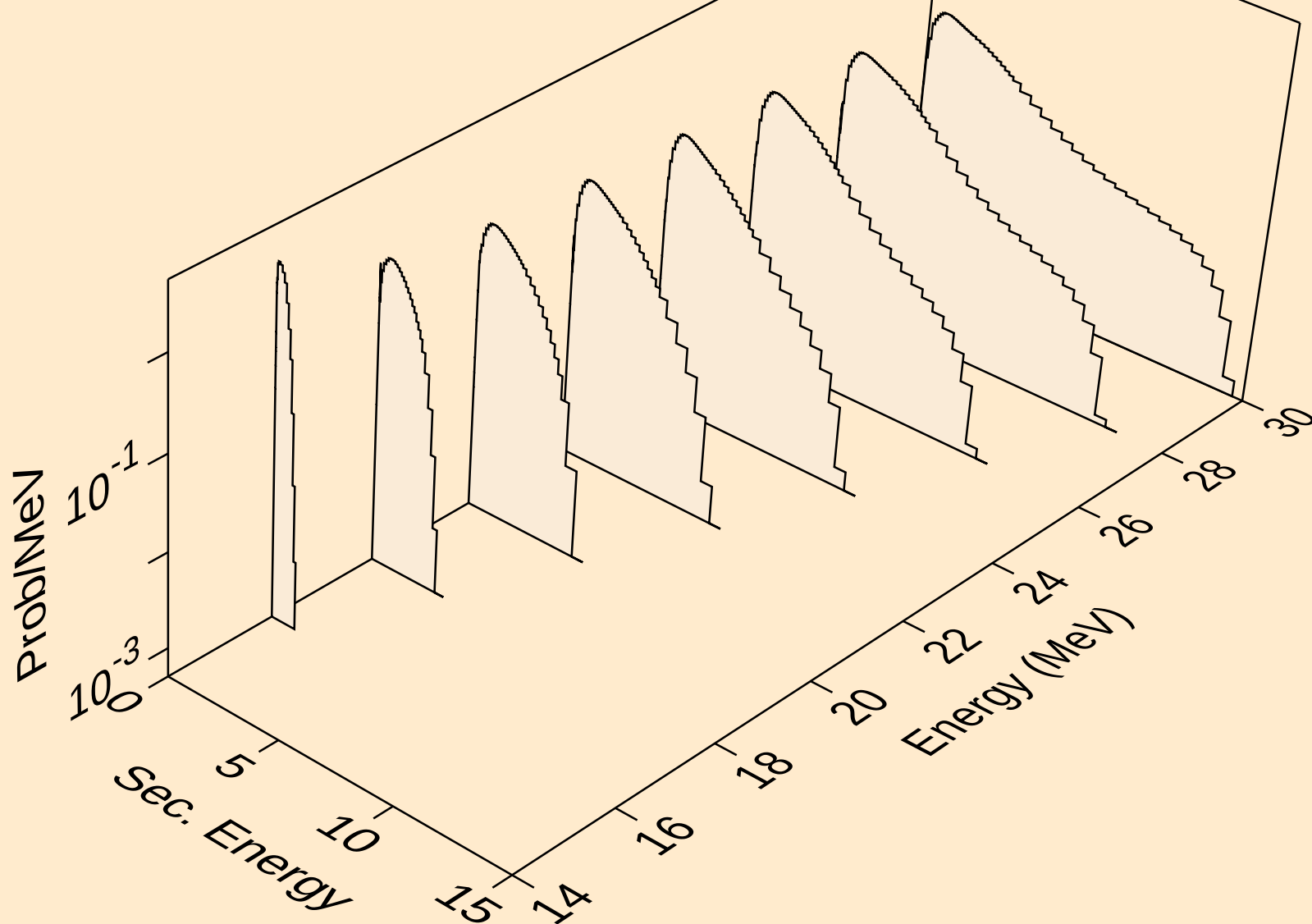
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



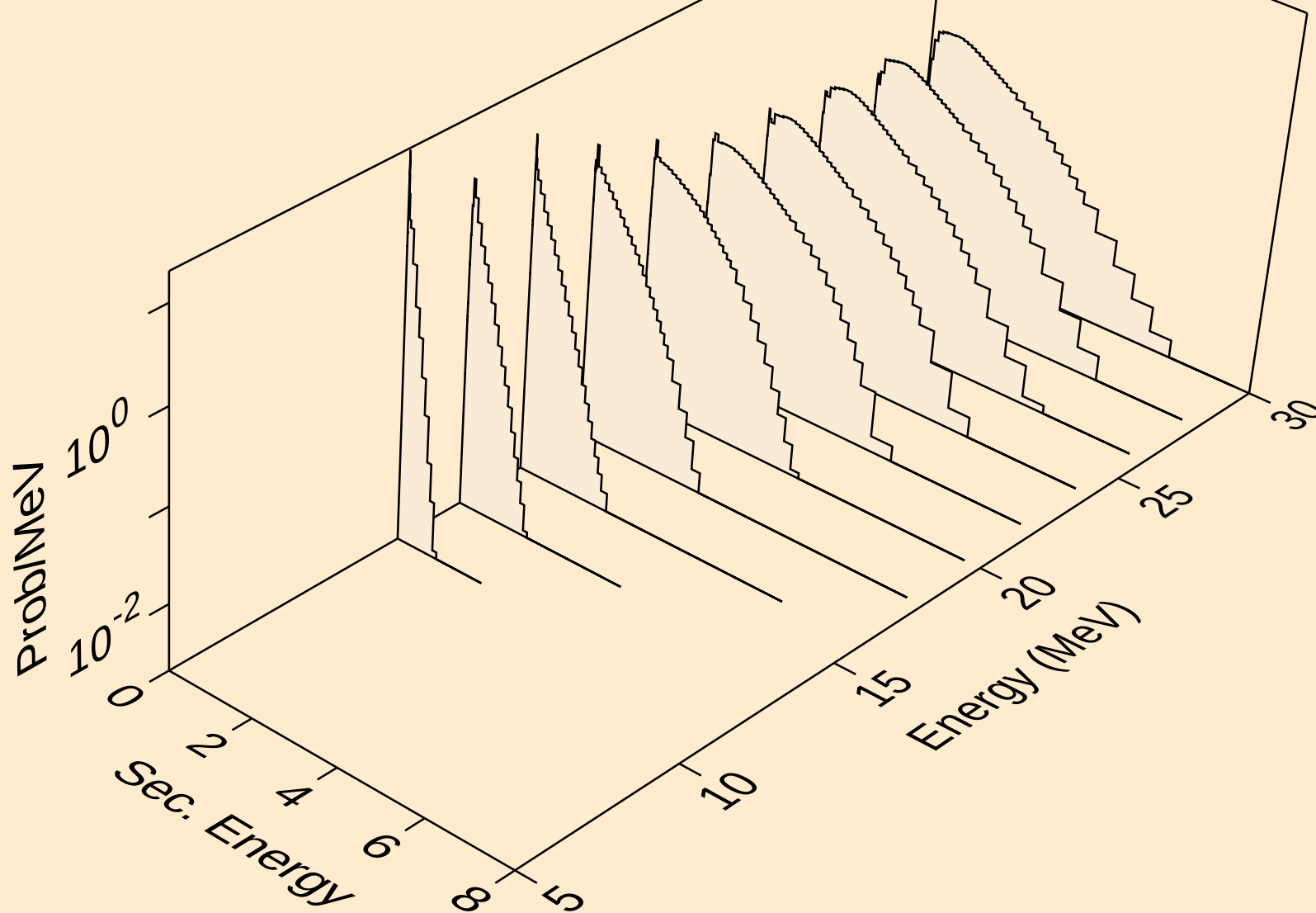
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



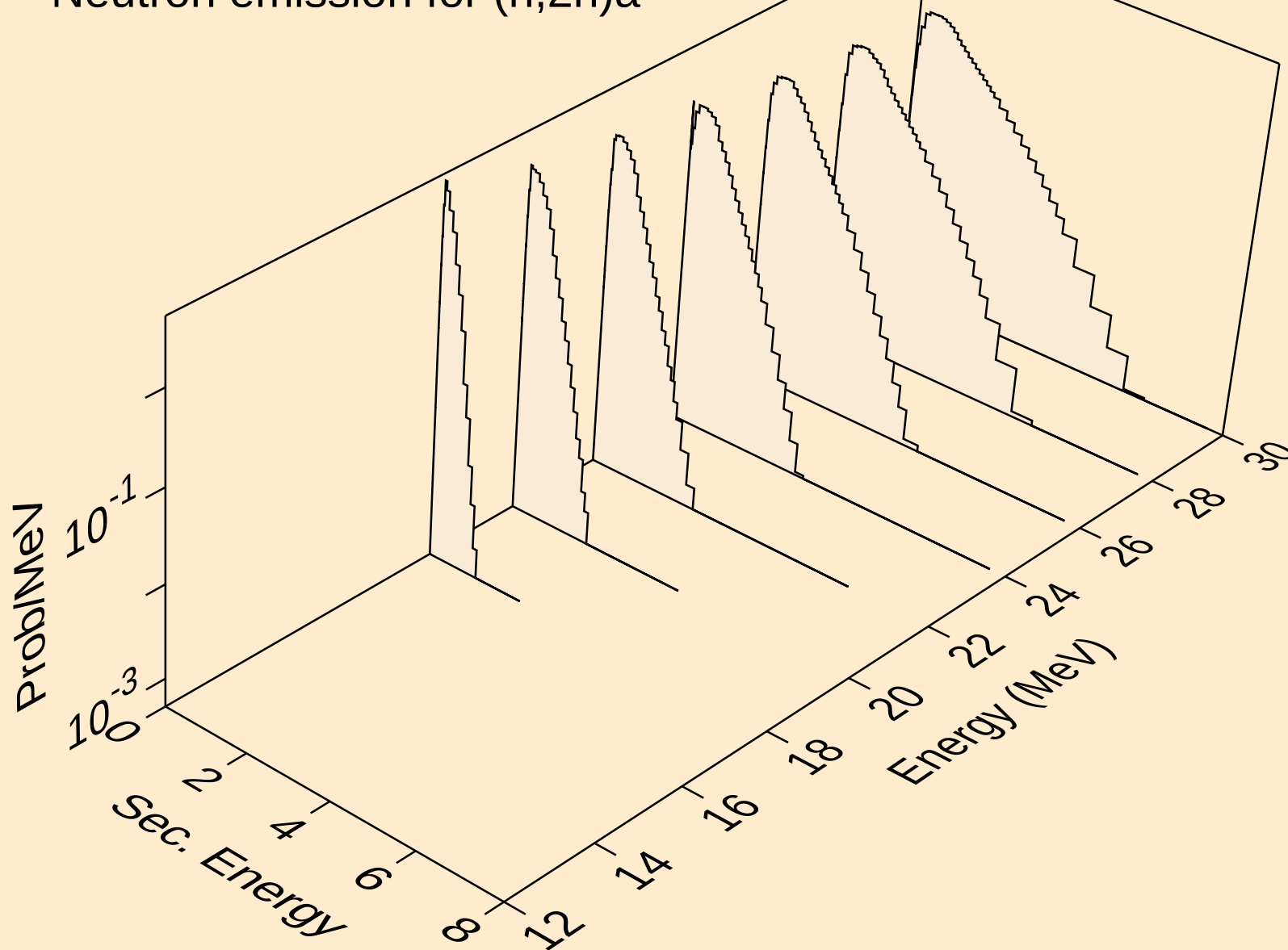
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



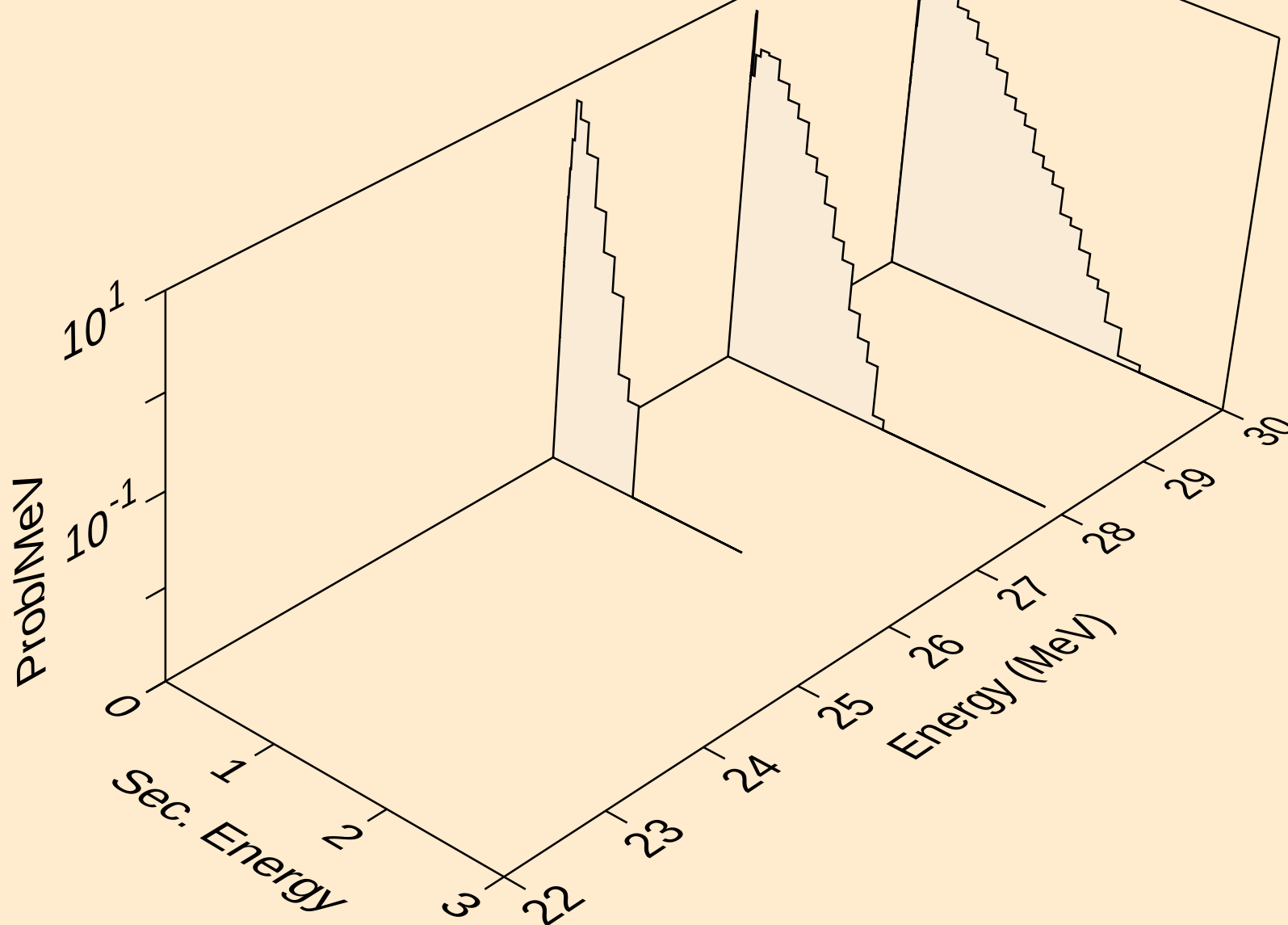
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



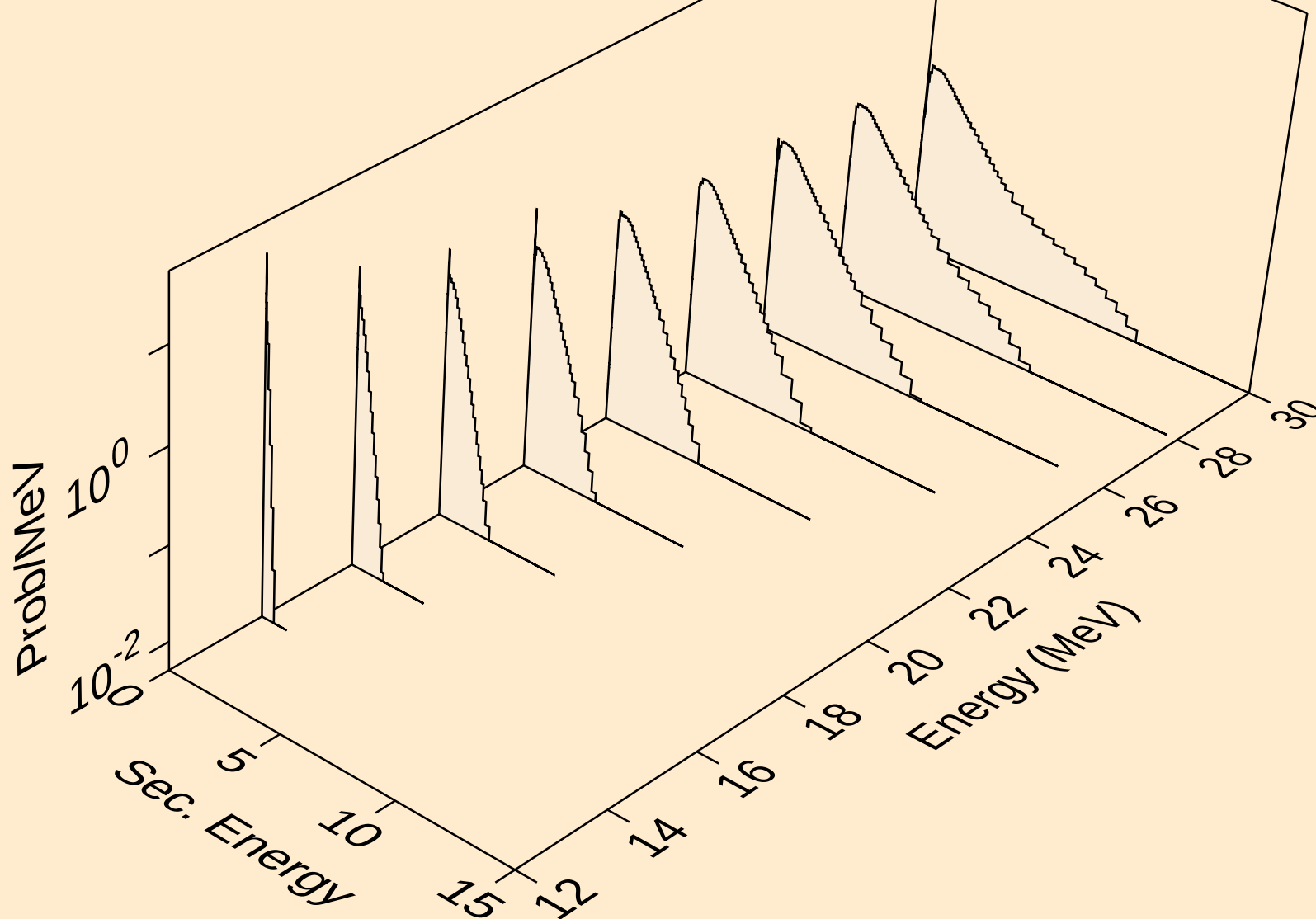
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Neutron emission for (n,2n)a



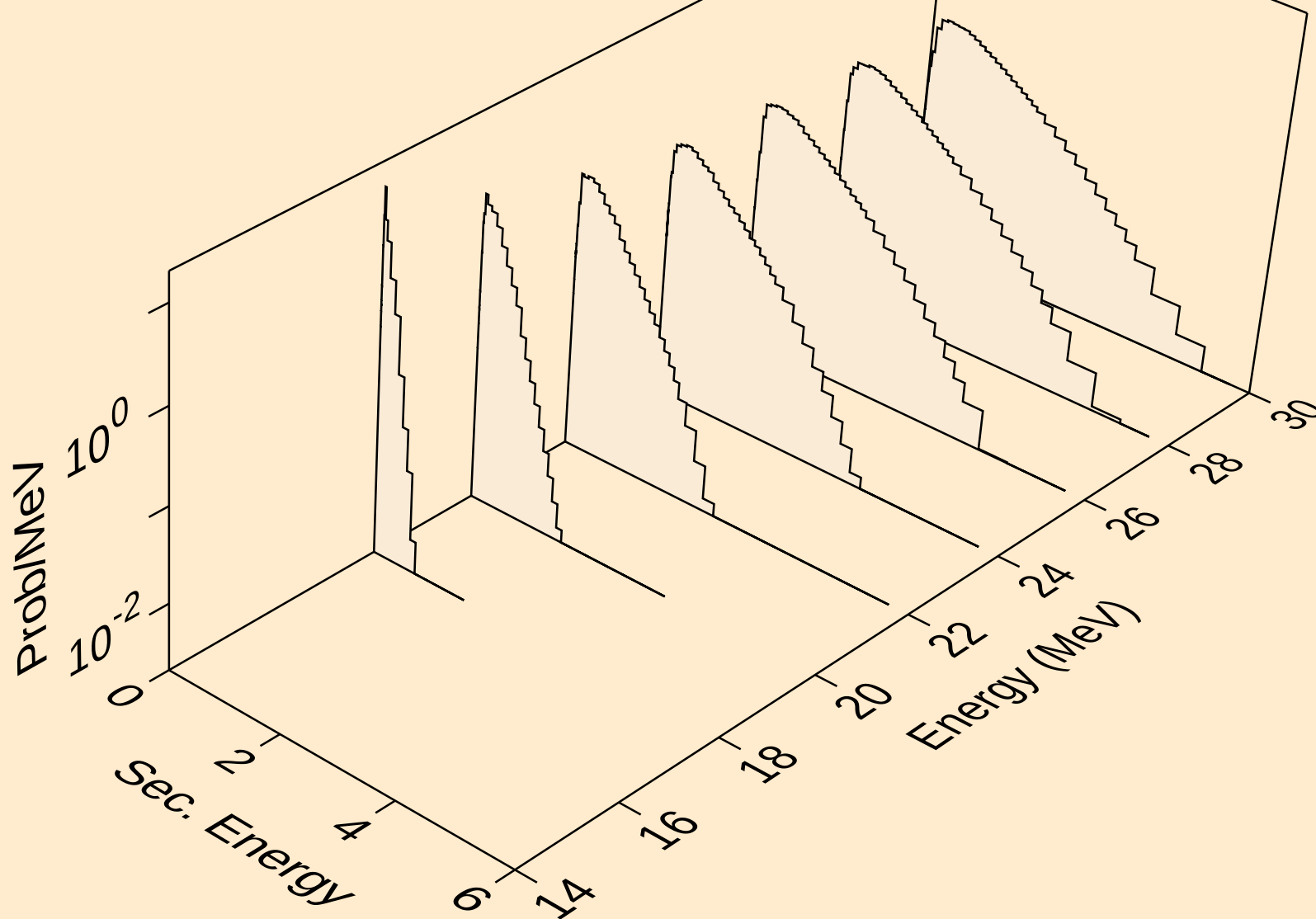
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



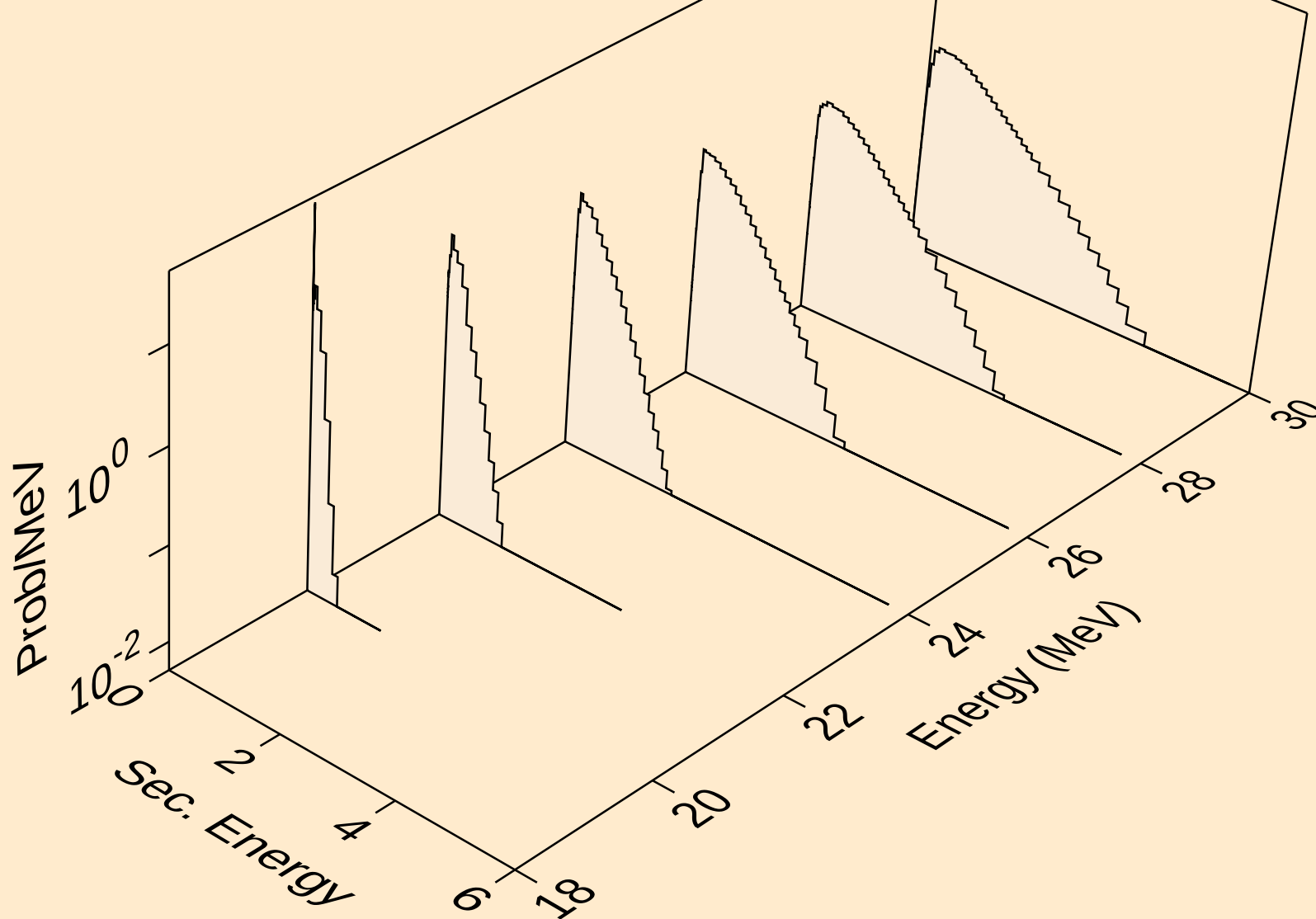
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



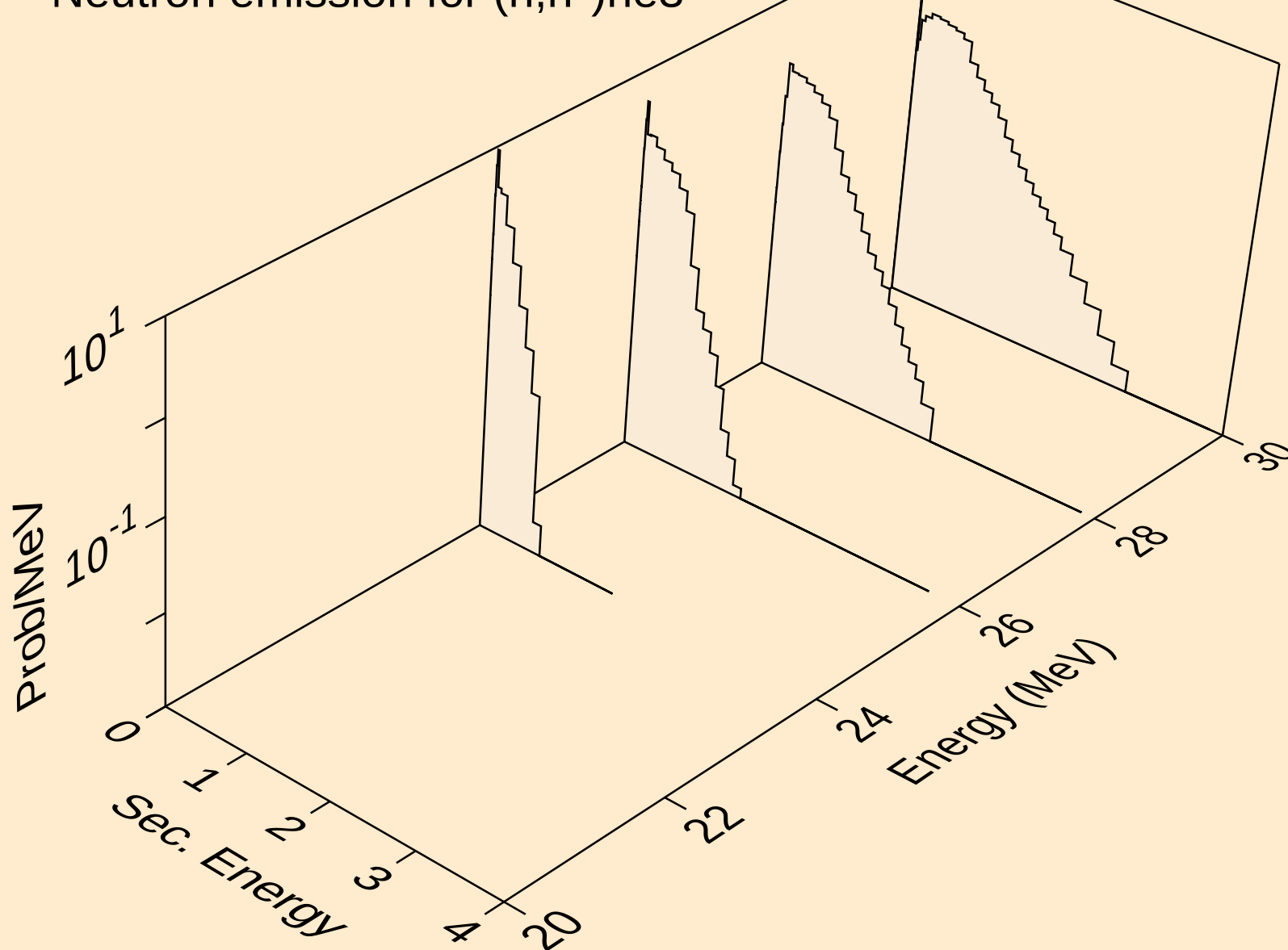
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



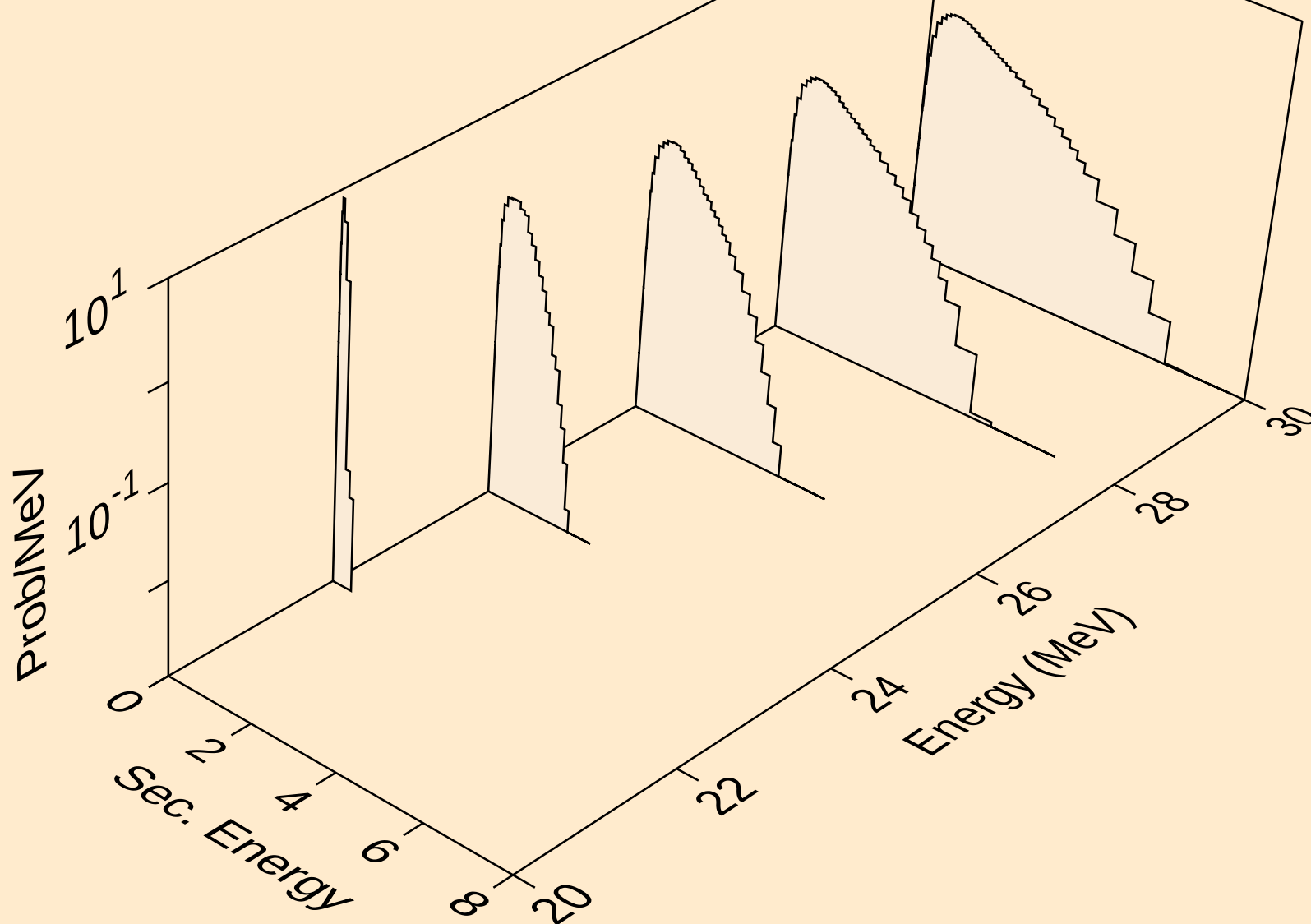
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



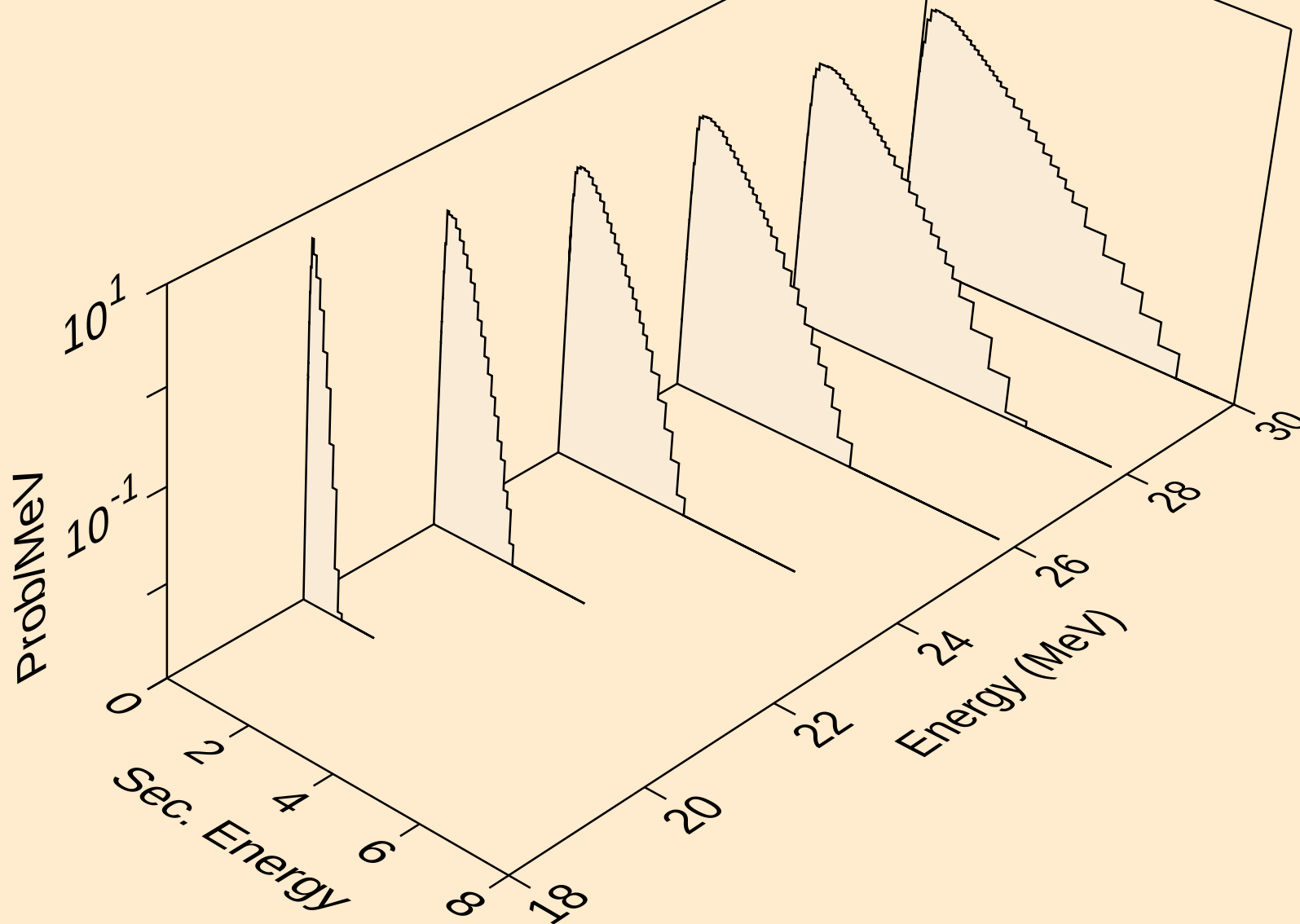
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



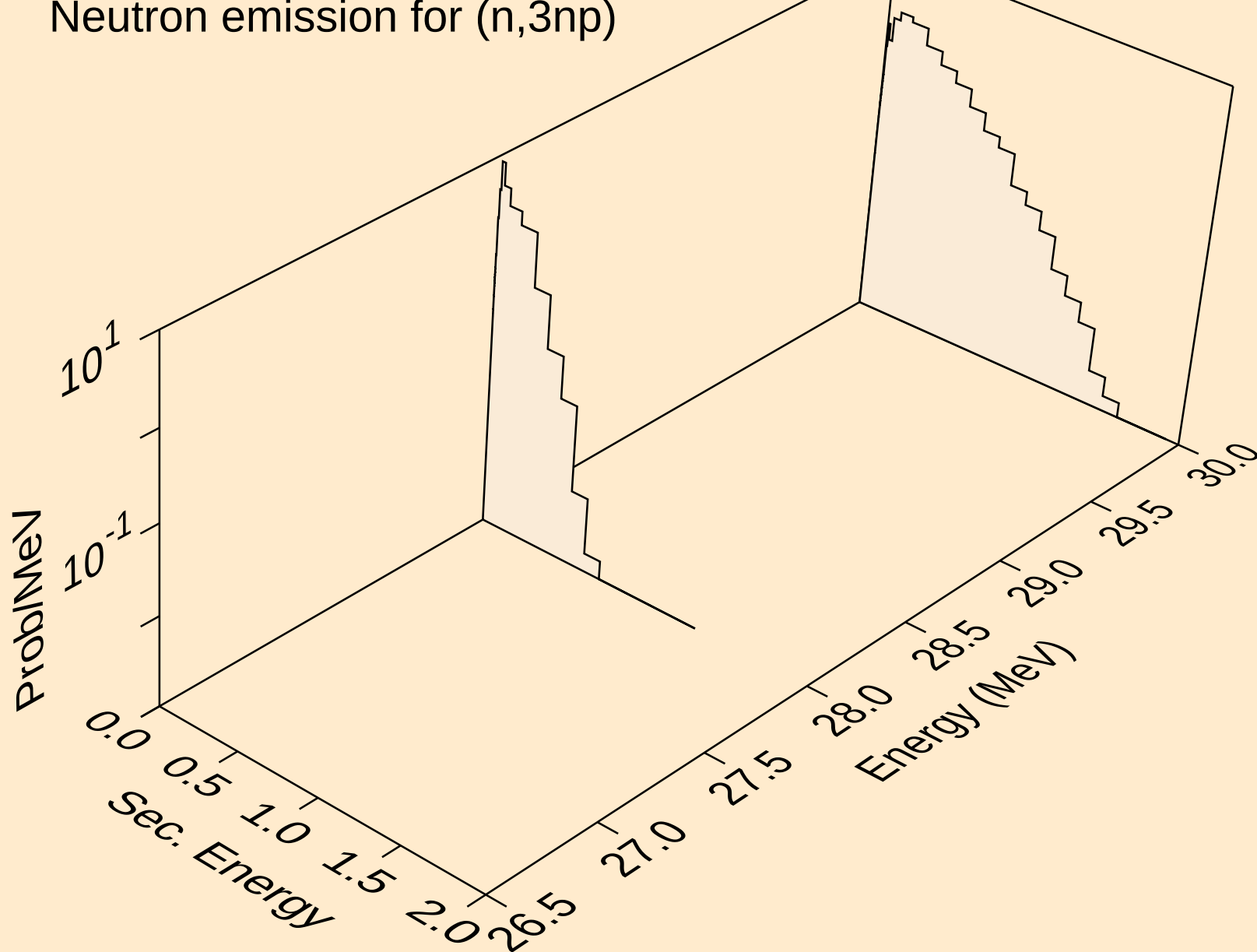
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Neutron emission for (n,4n)



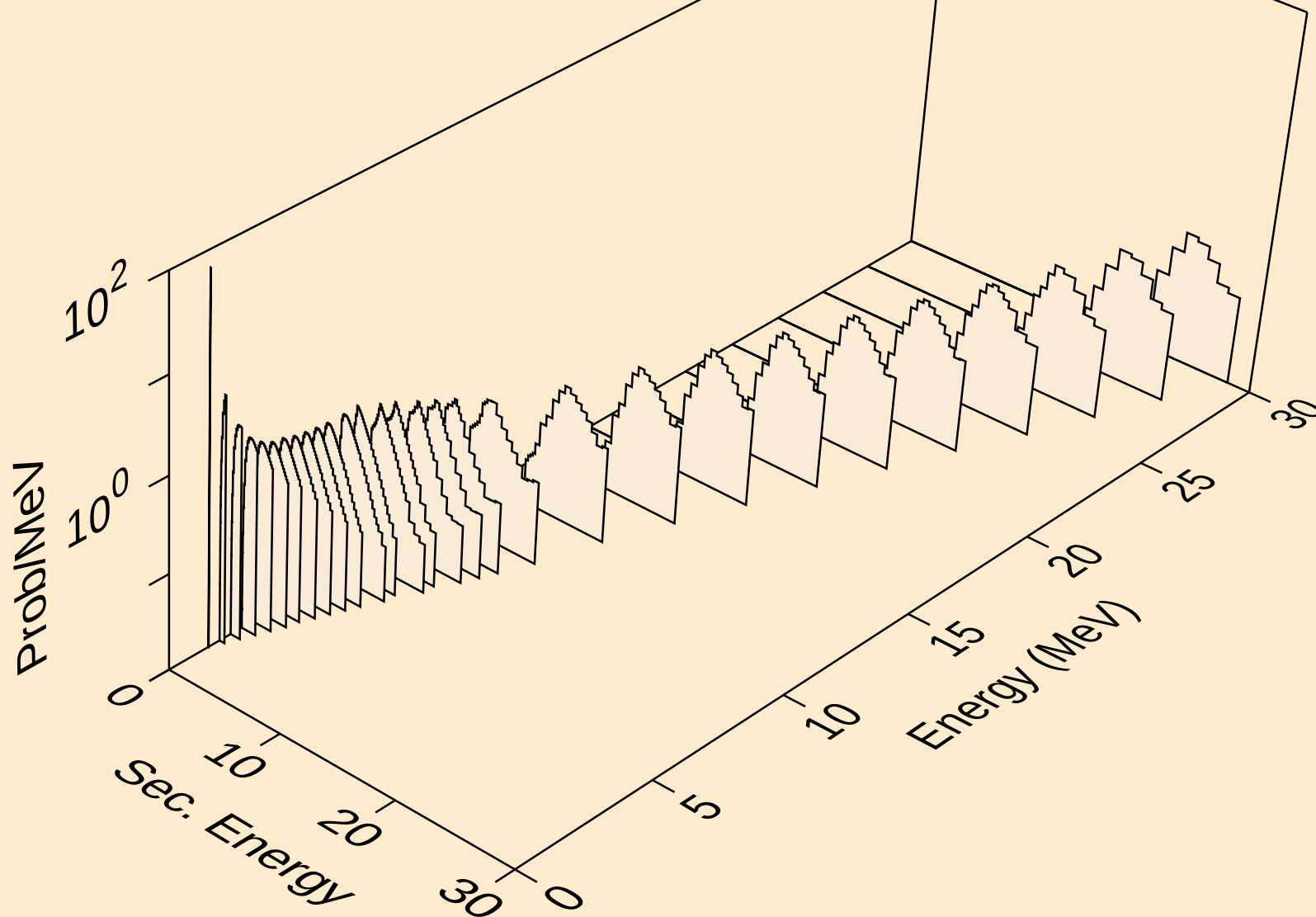
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Neutron emission for (n,2np)



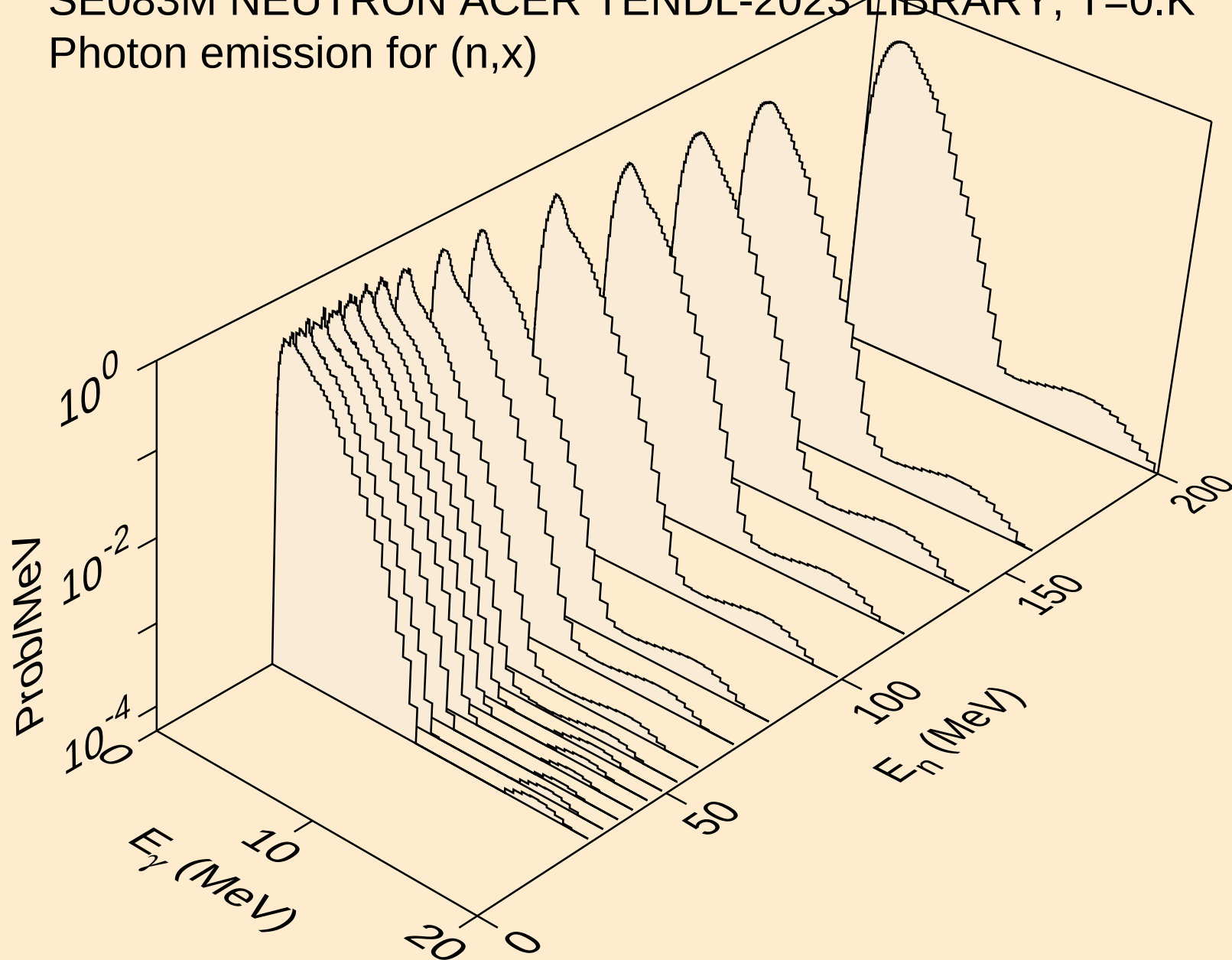
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Neutron emission for (n,3np)



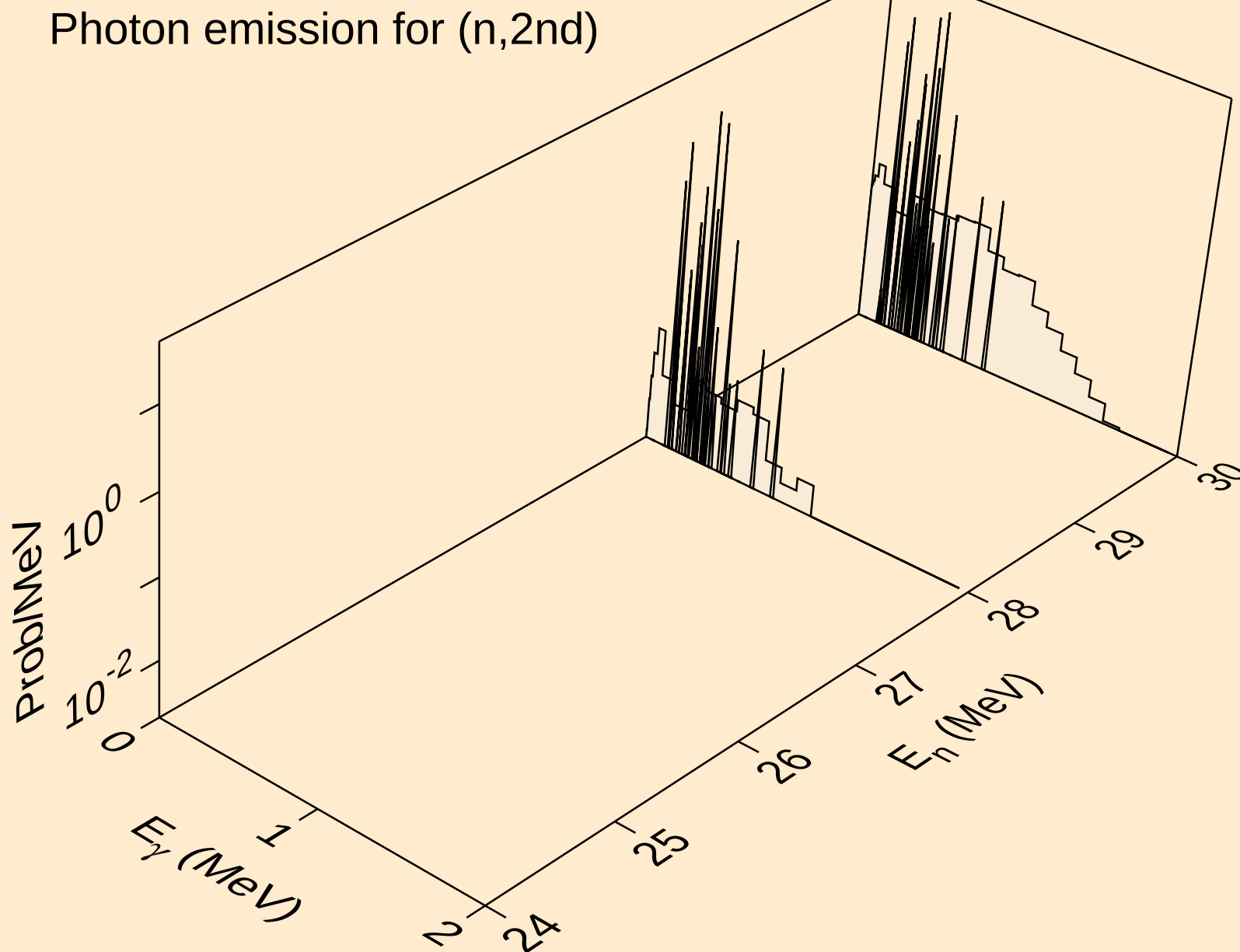
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Neutron emission for (n,n\*c)



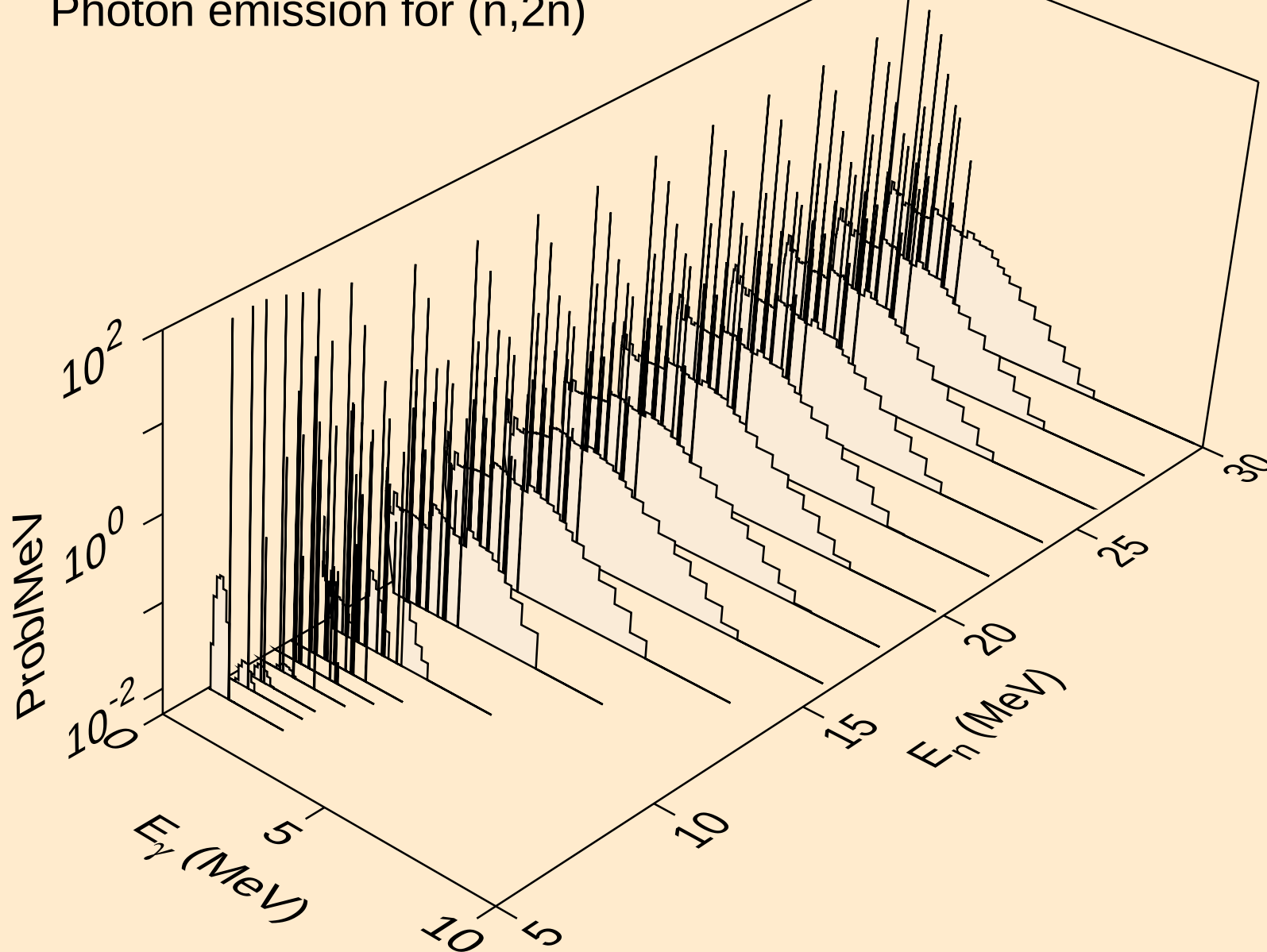
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



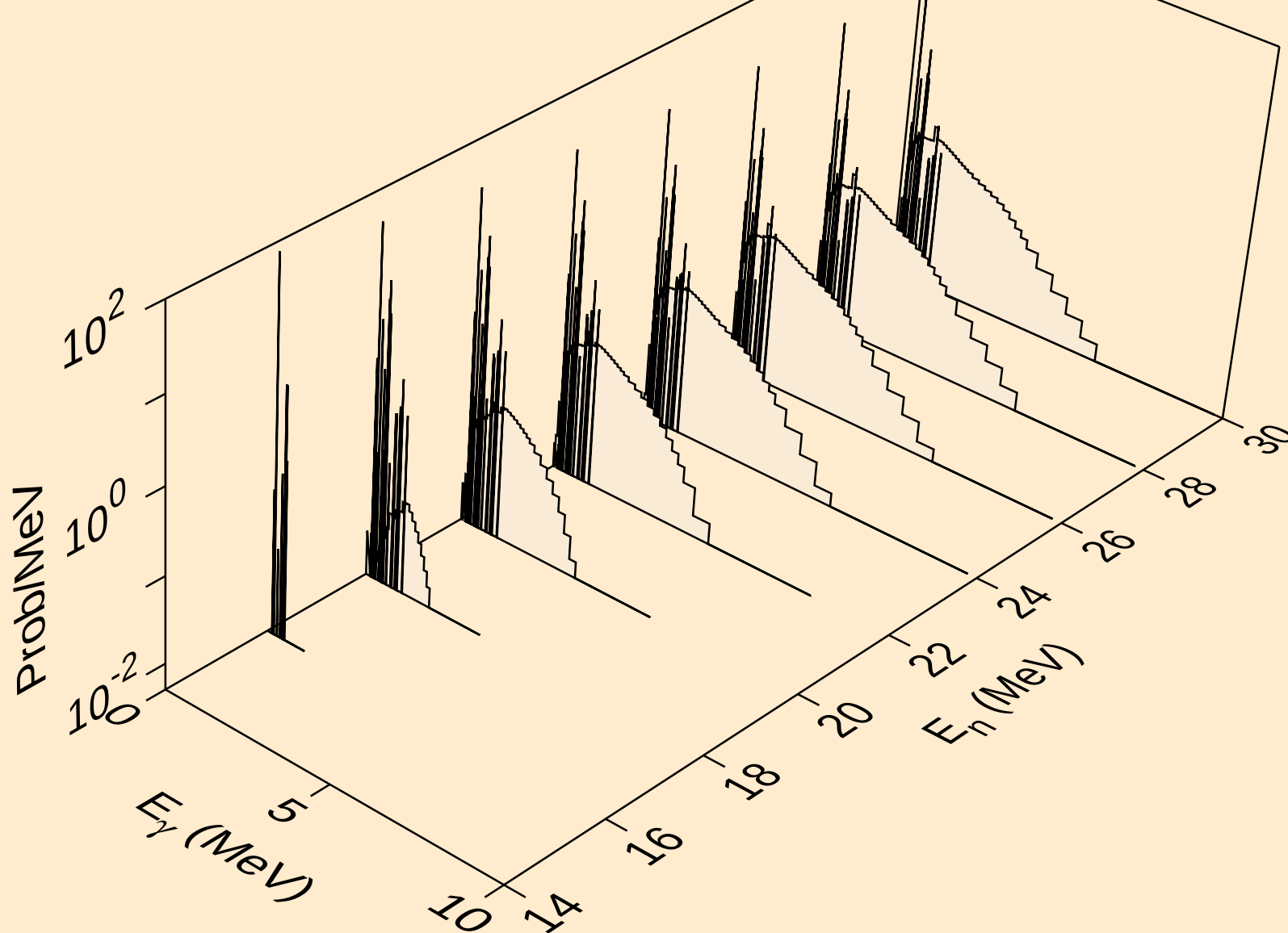
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



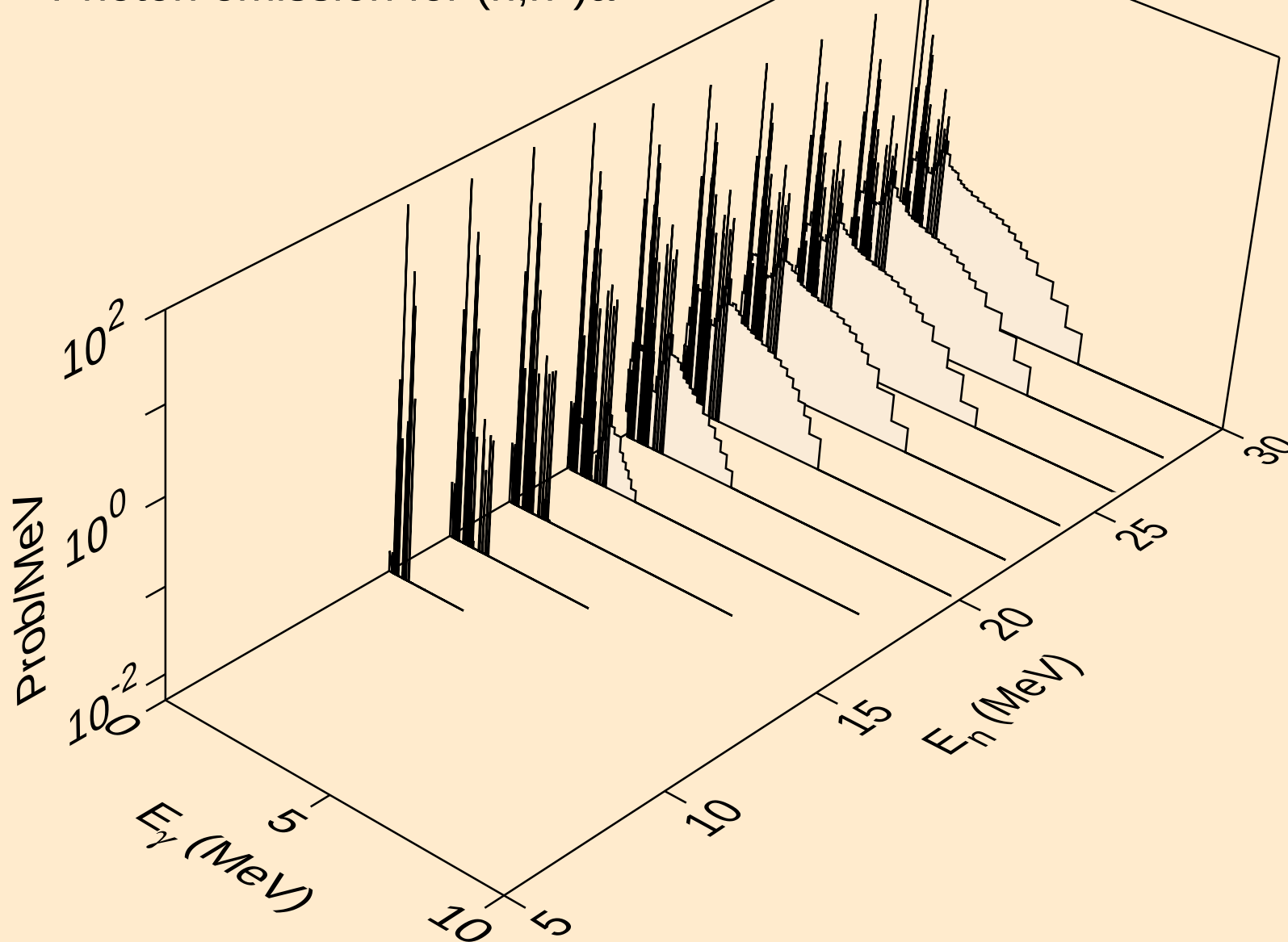
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Photon emission for (n,2n)



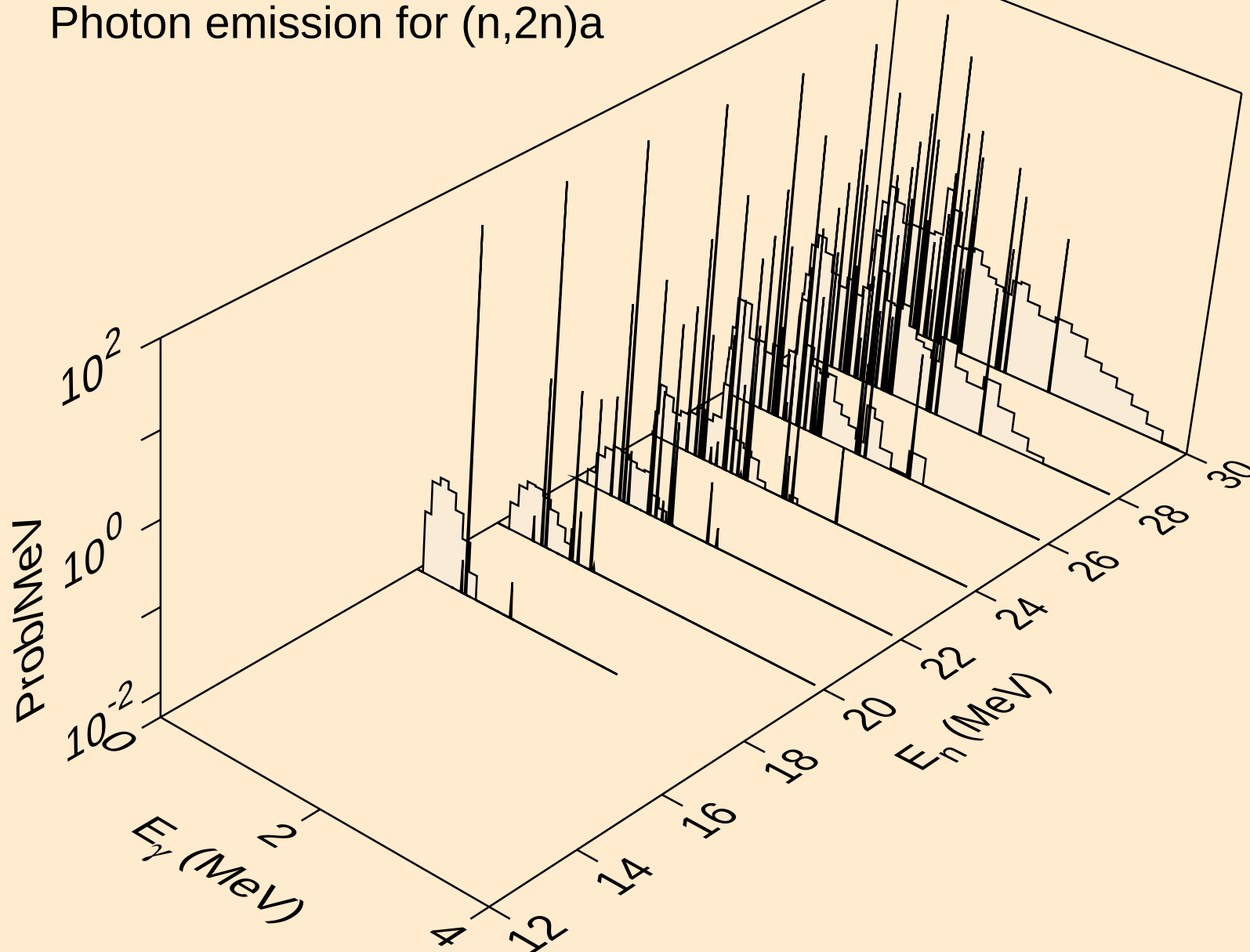
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Photon emission for (n,3n)



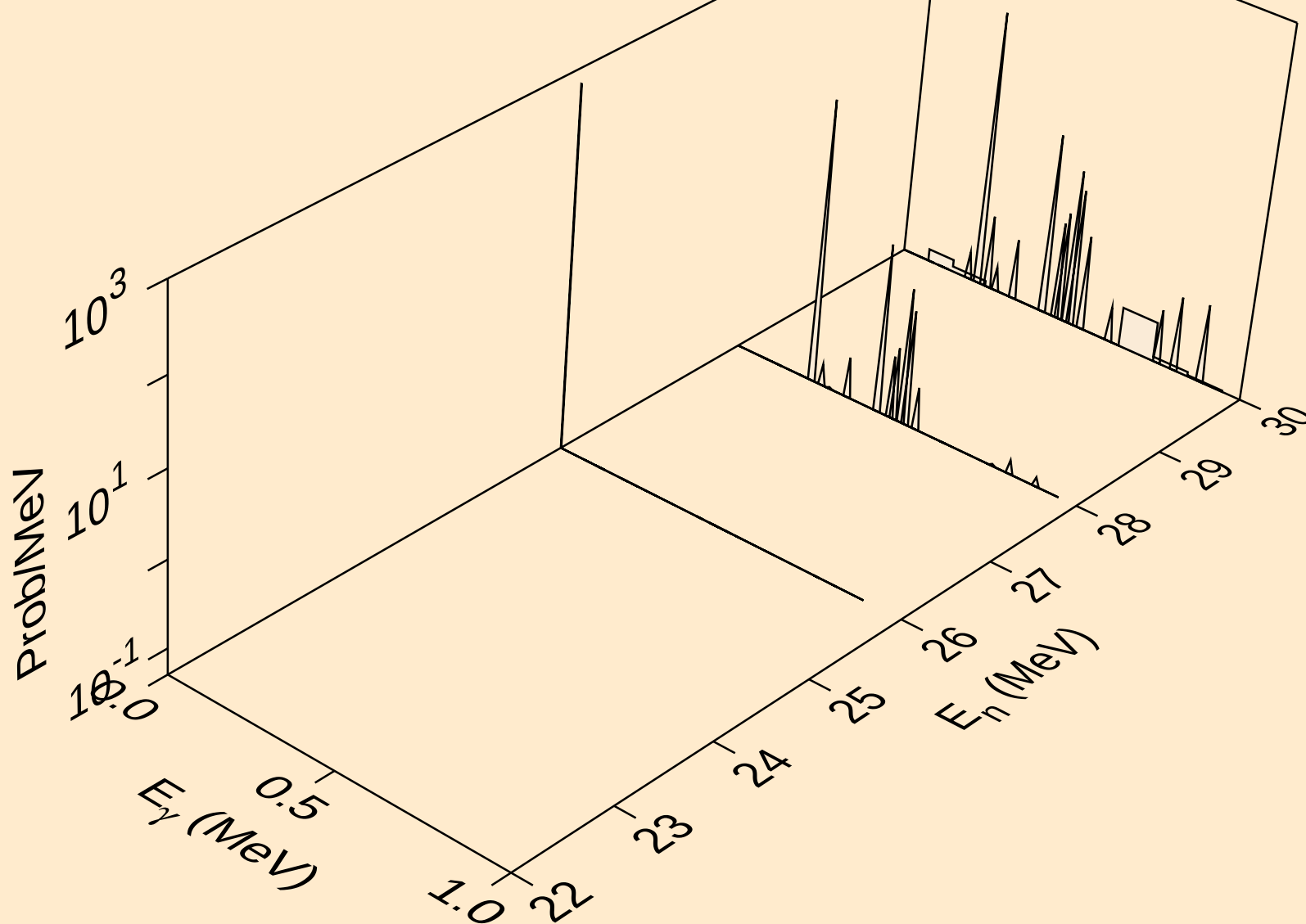
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



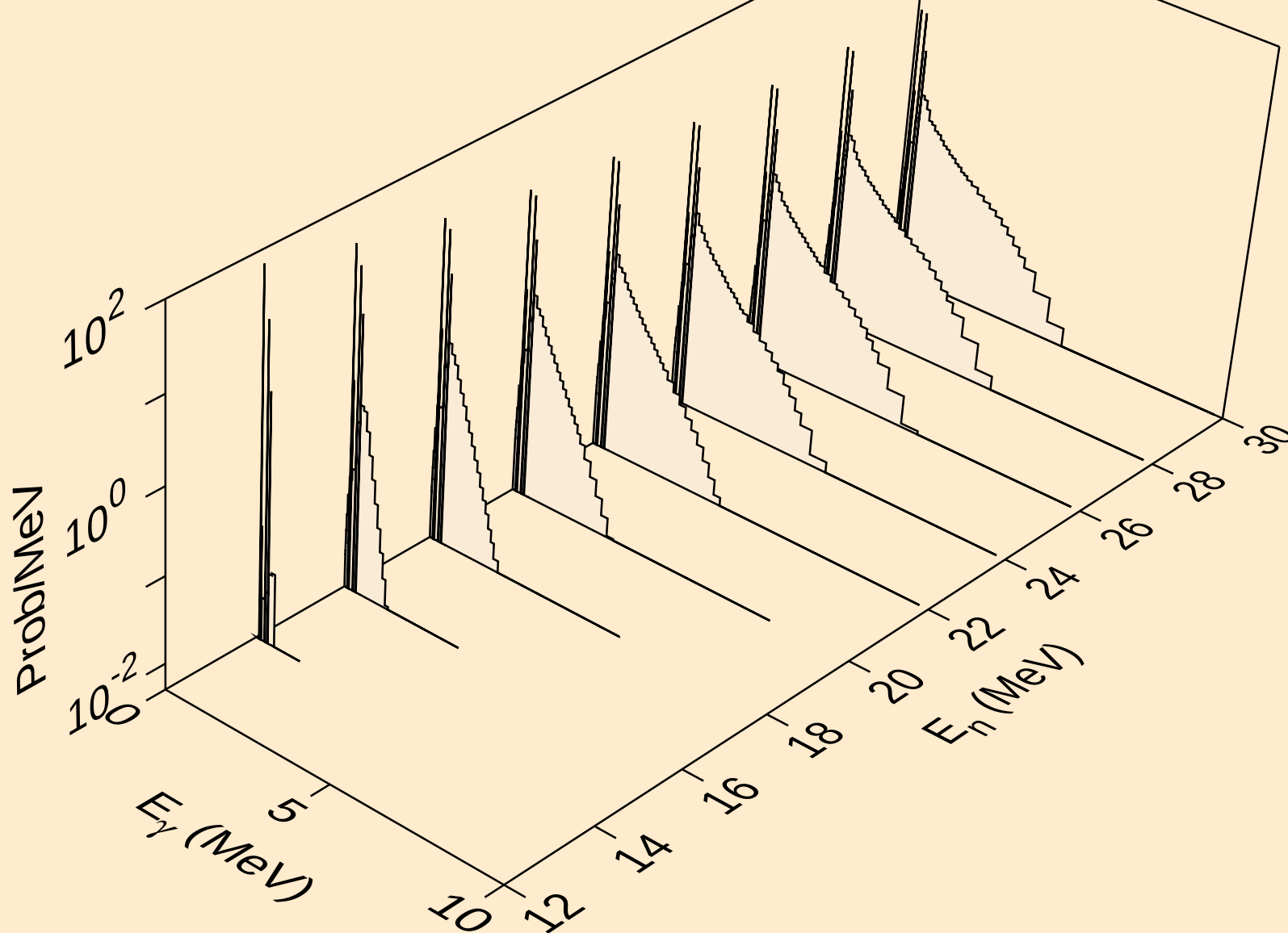
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



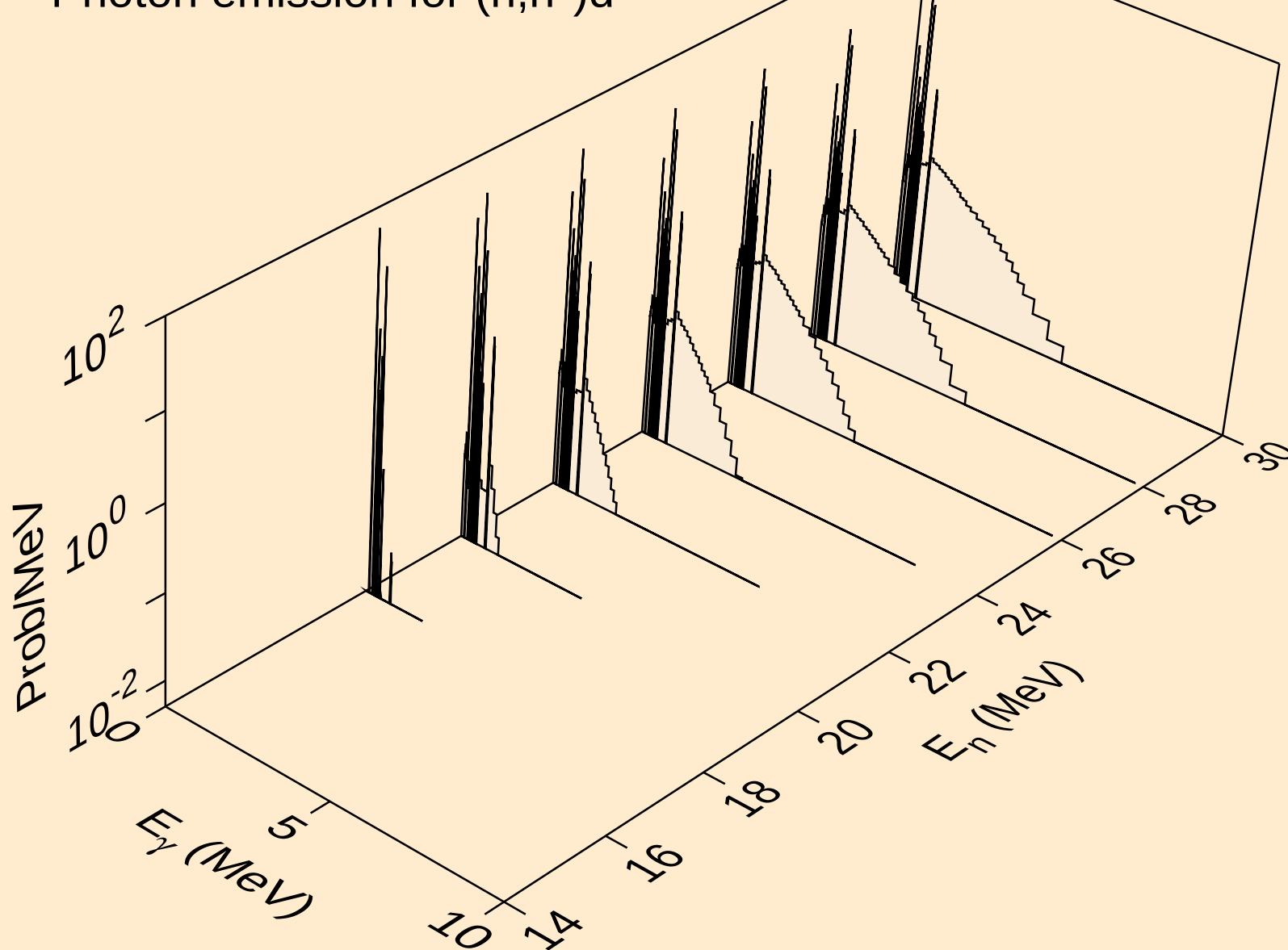
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n) $\alpha$



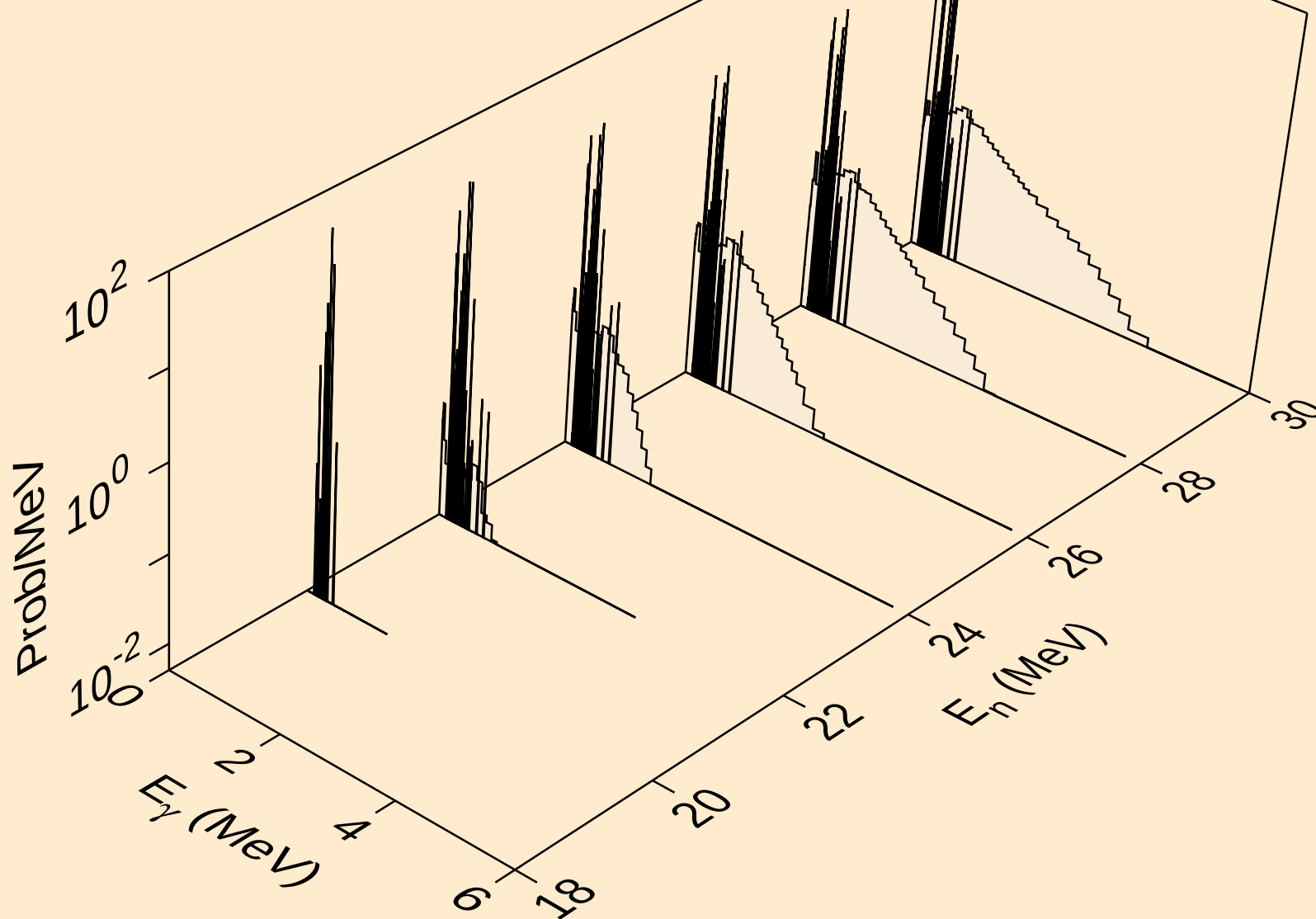
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



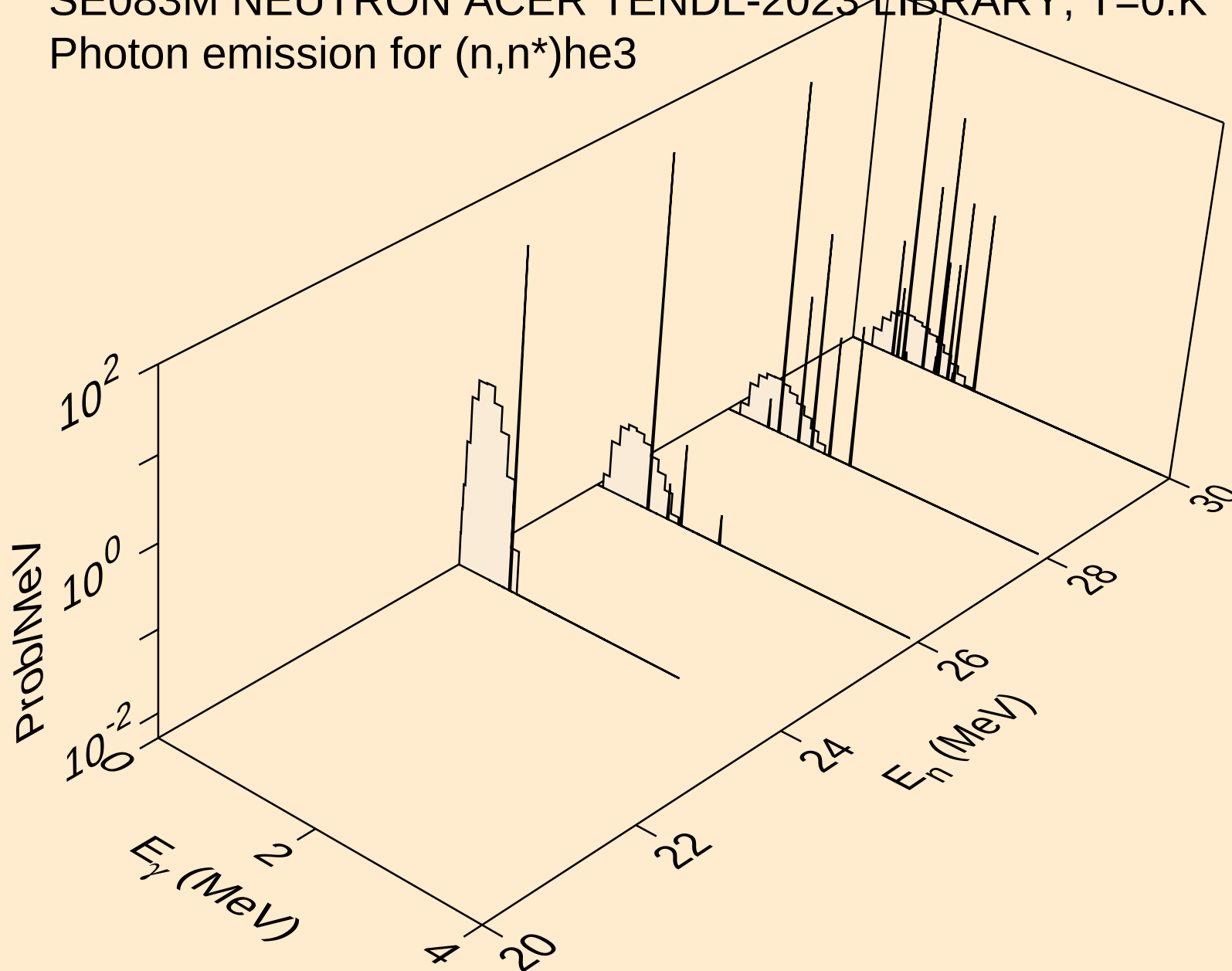
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Photon emission for (n,n\*)d



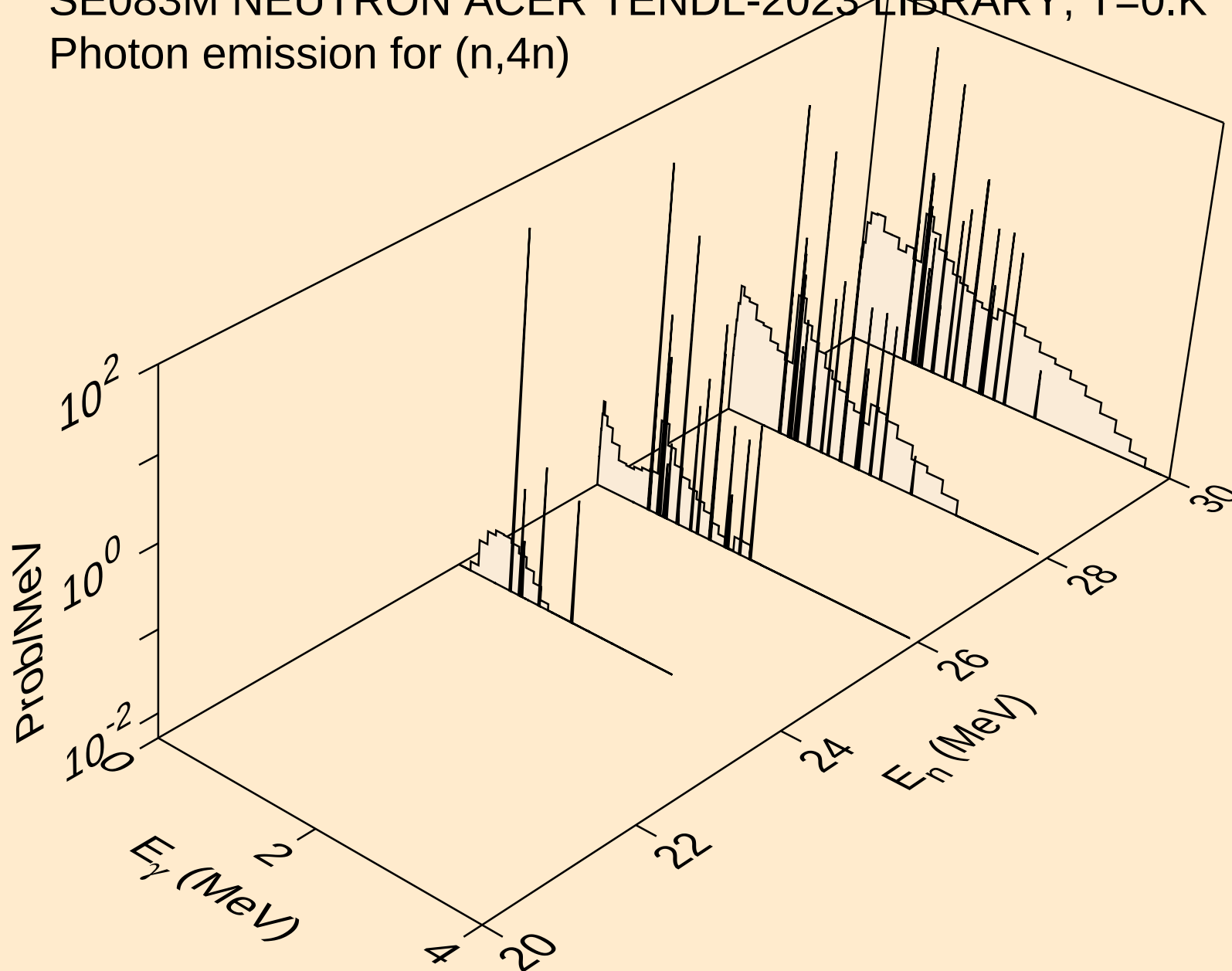
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



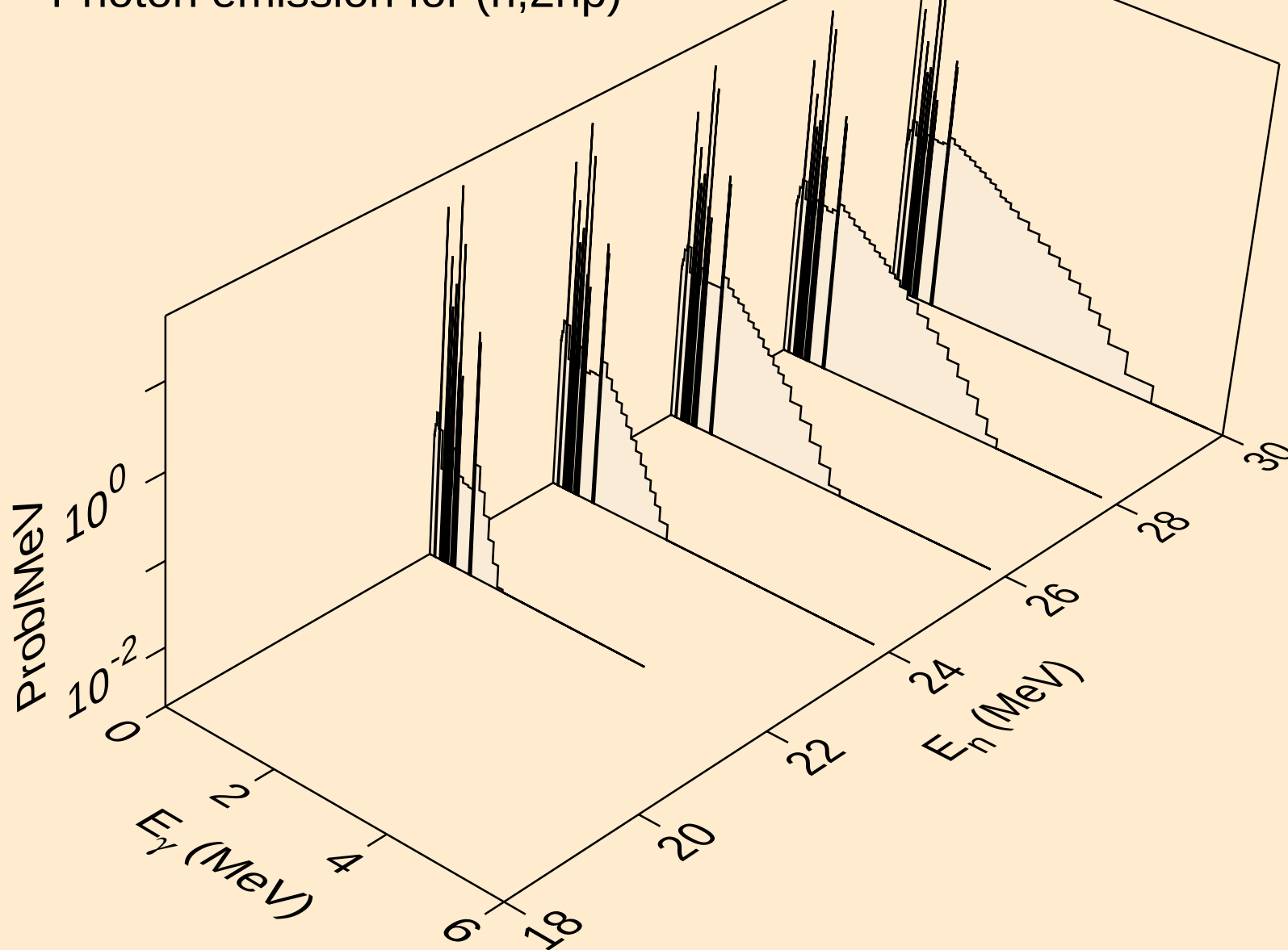
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



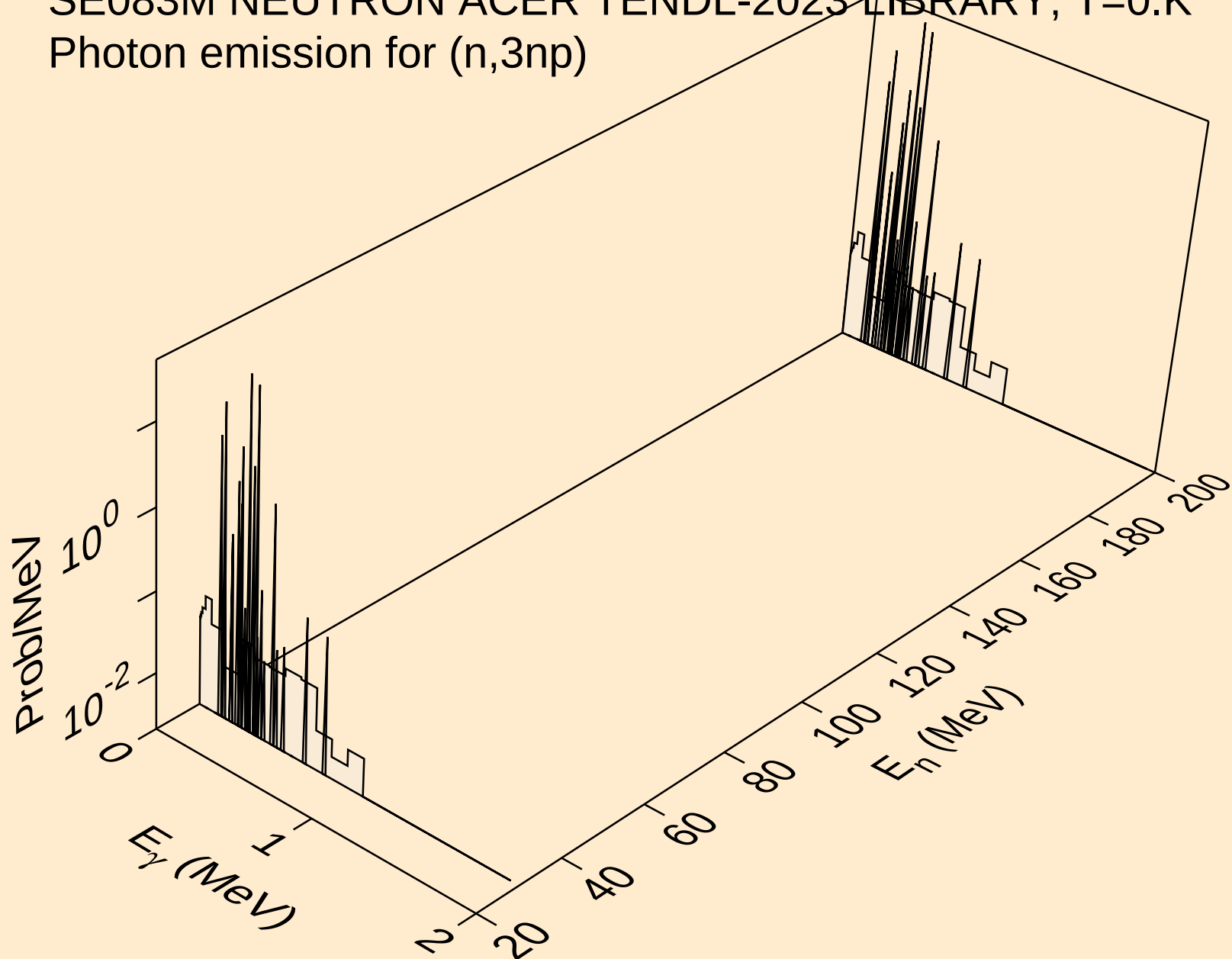
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



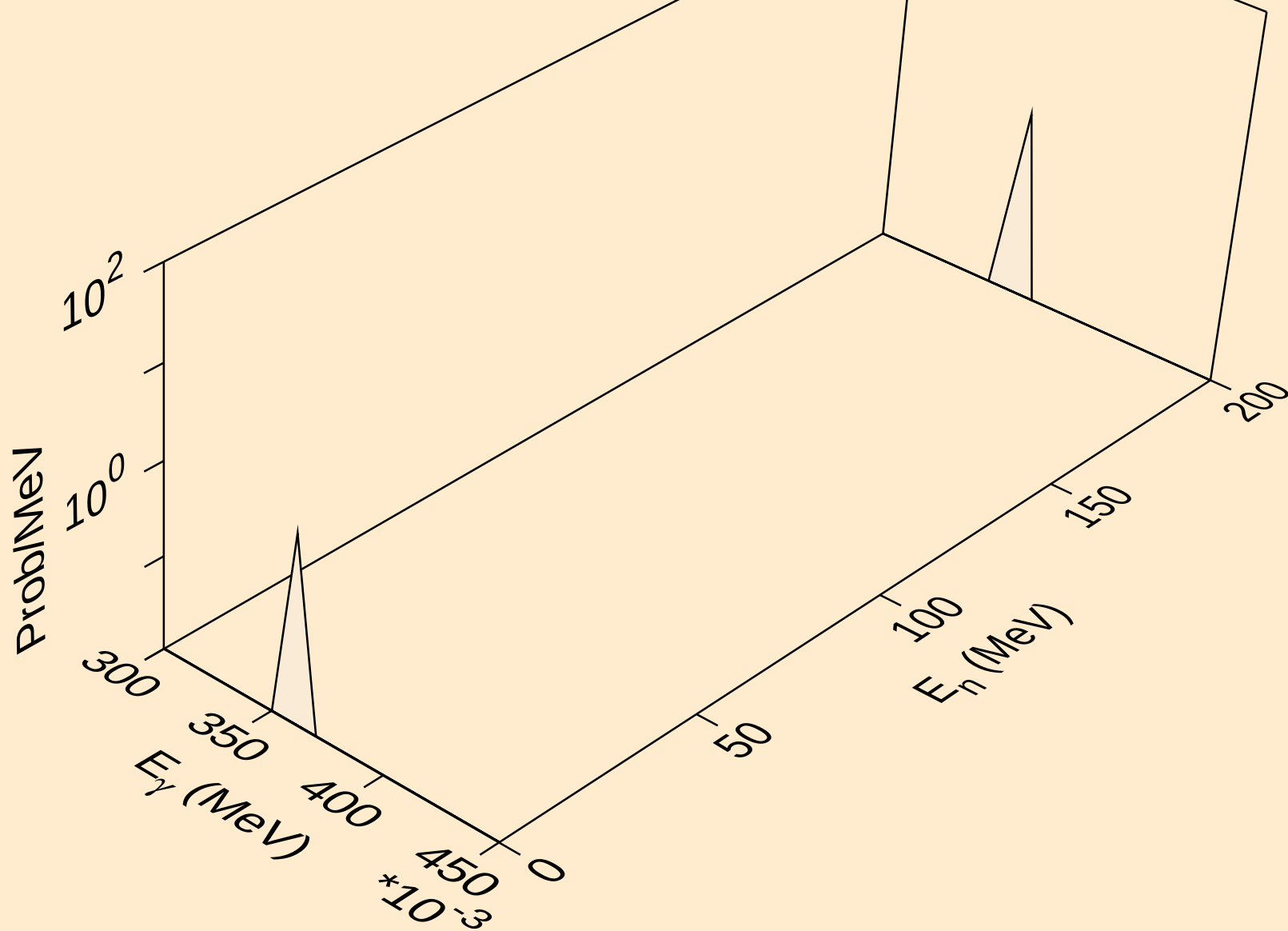
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



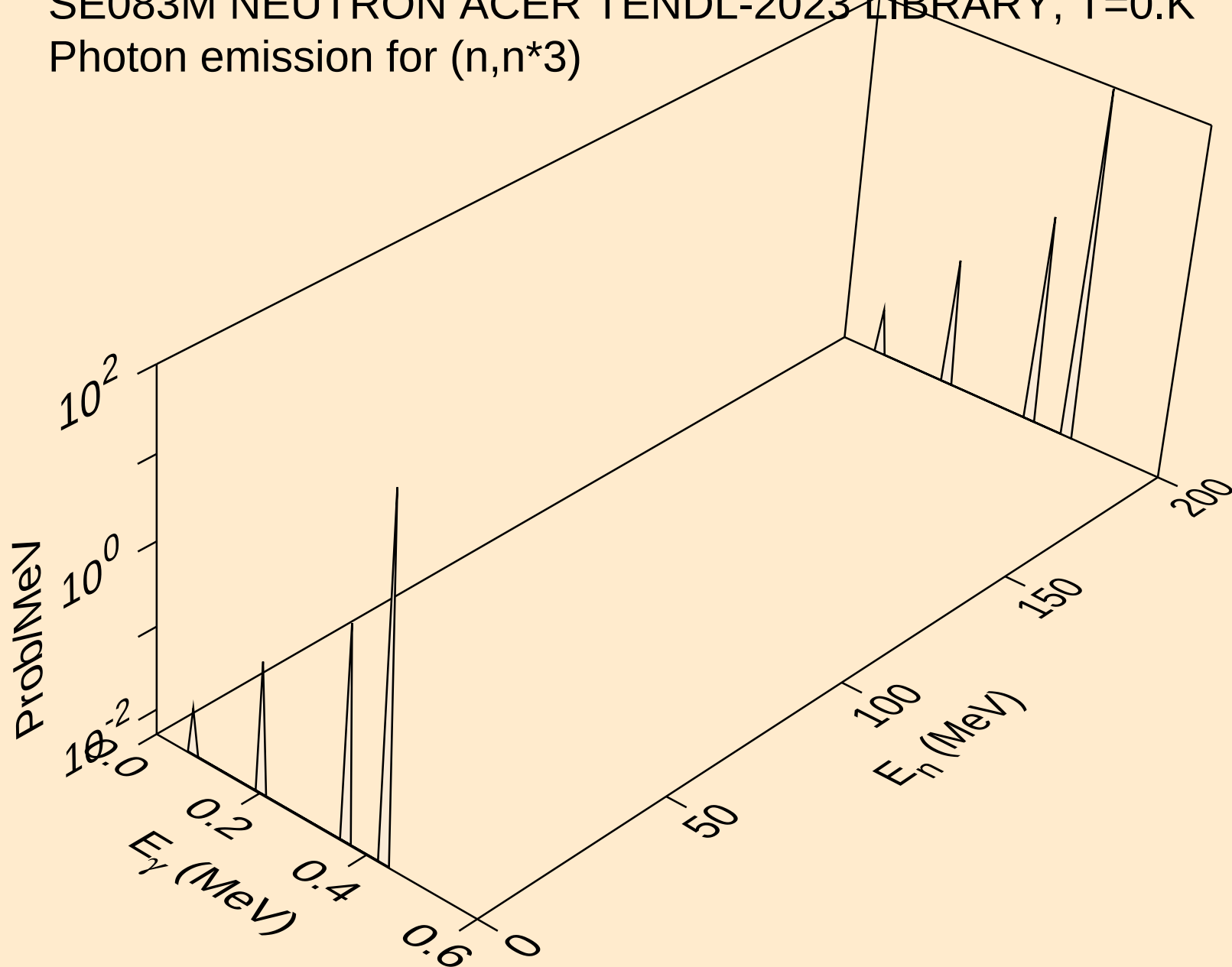
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



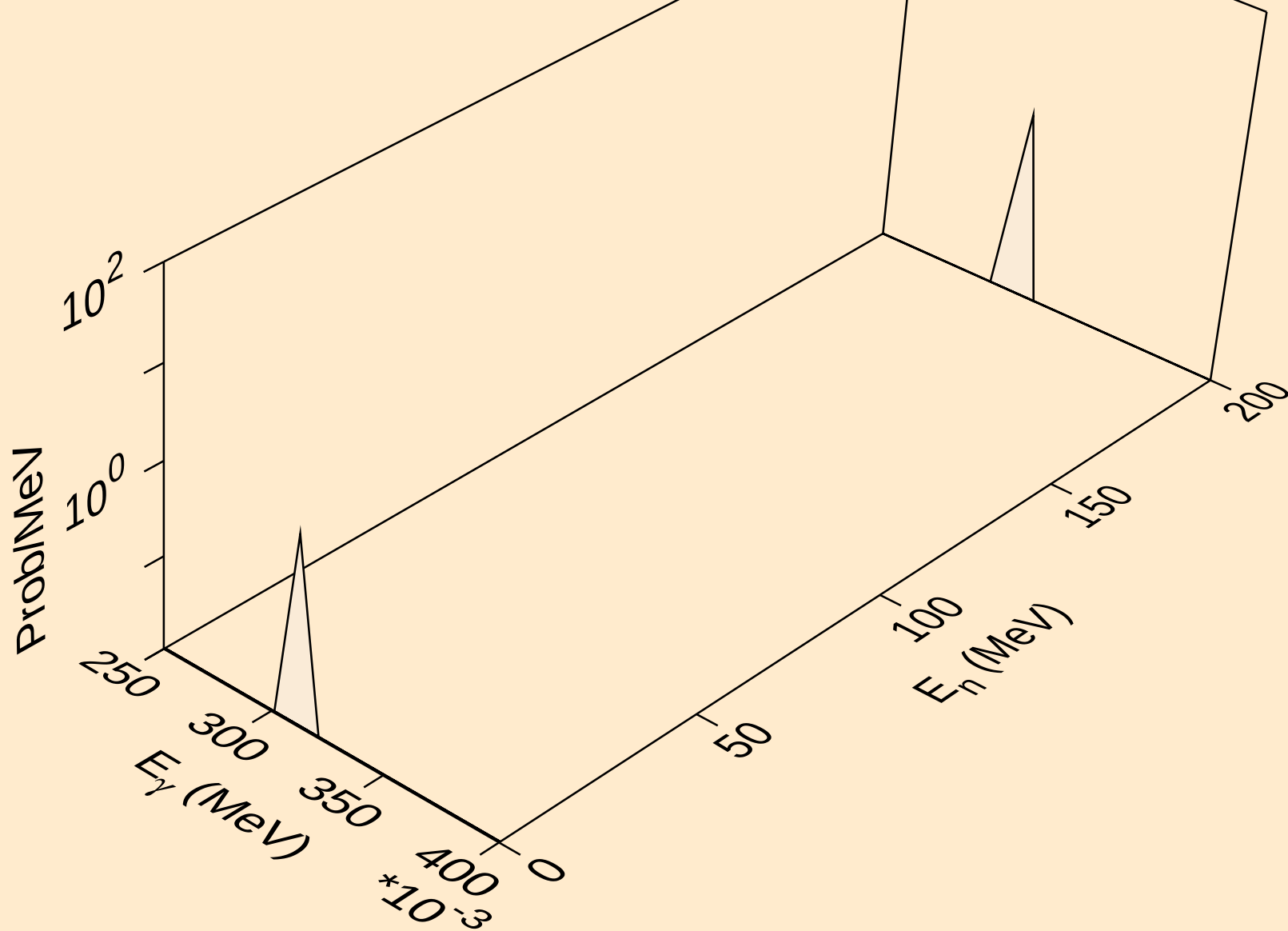
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*2)



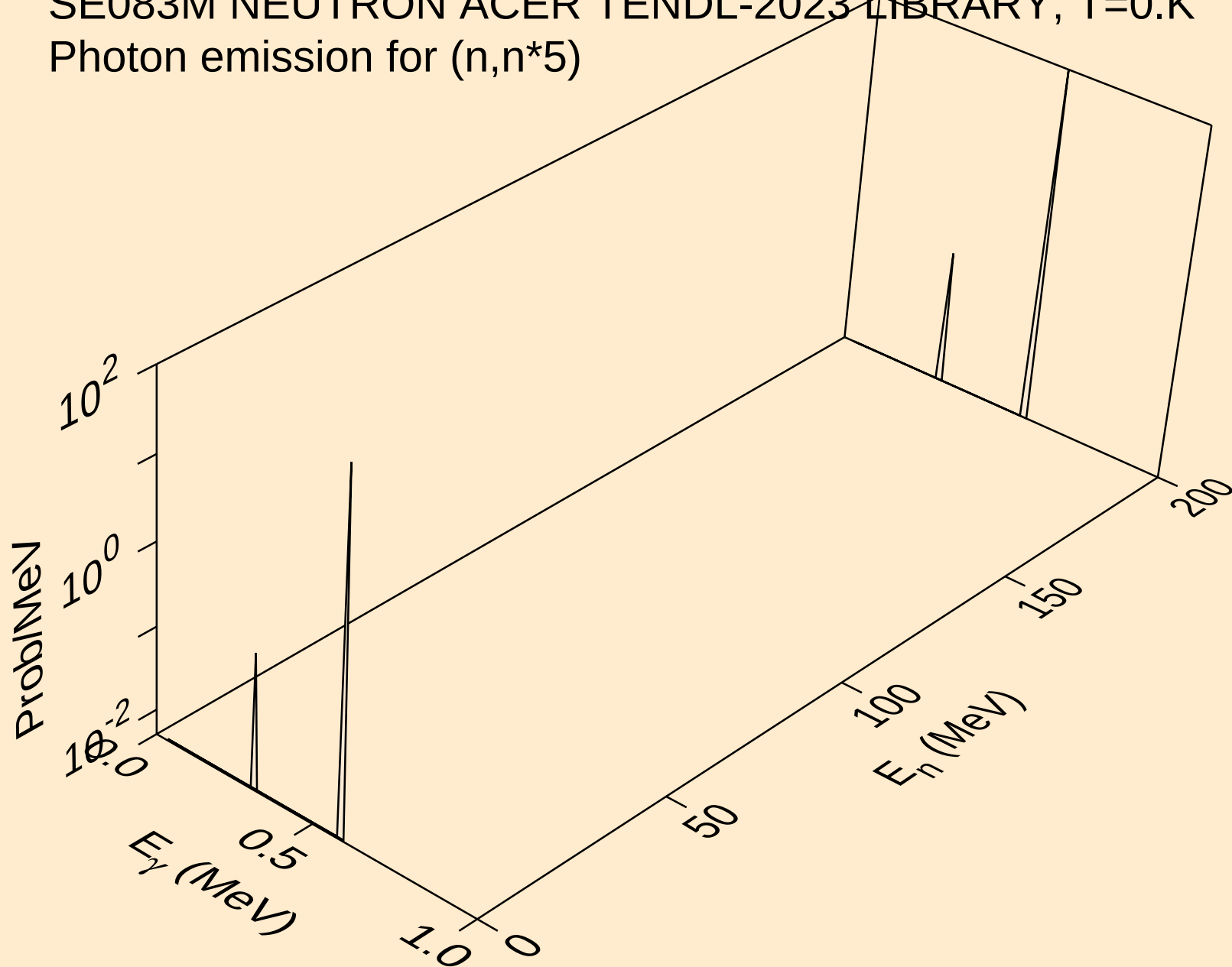
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*3)



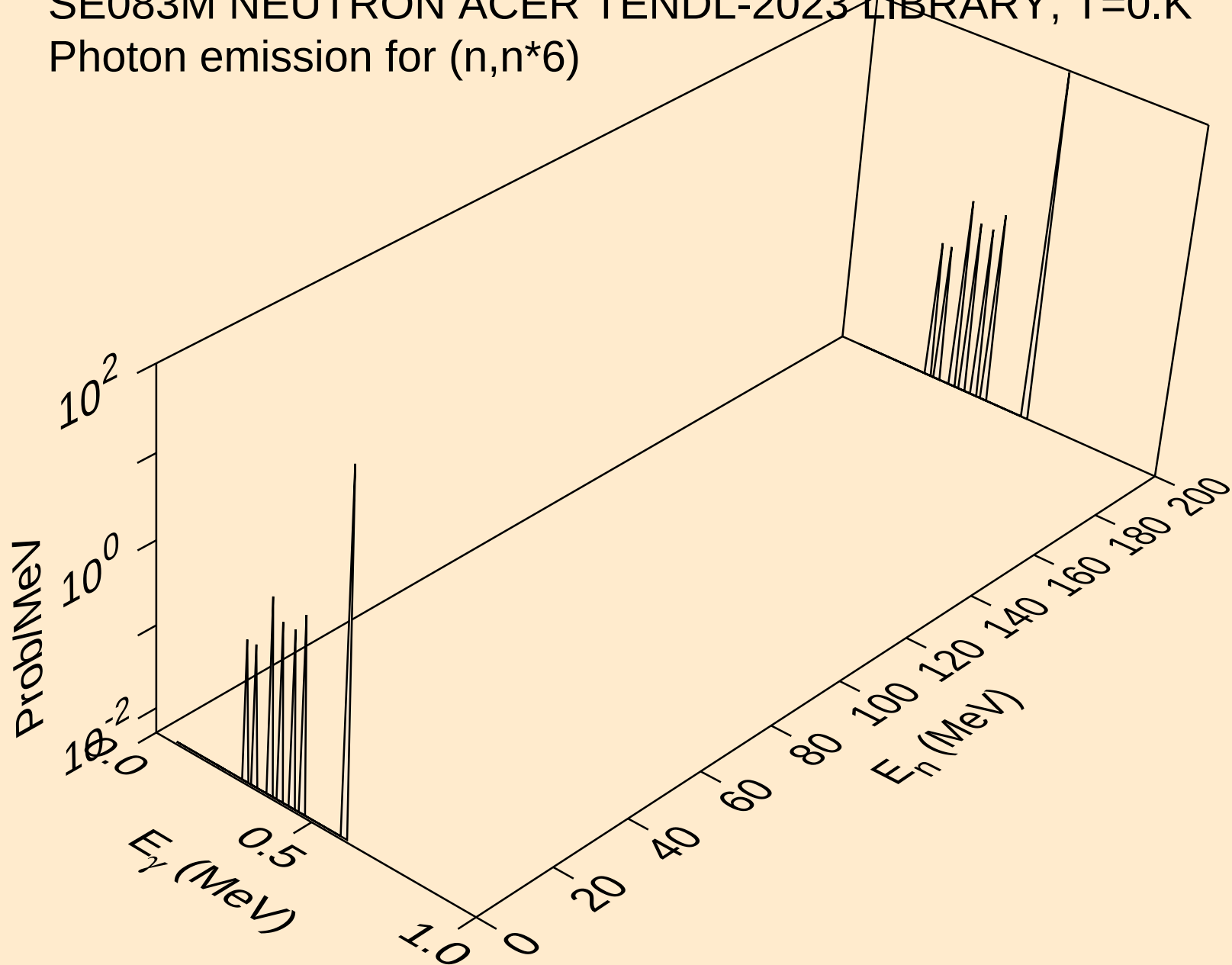
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*4)



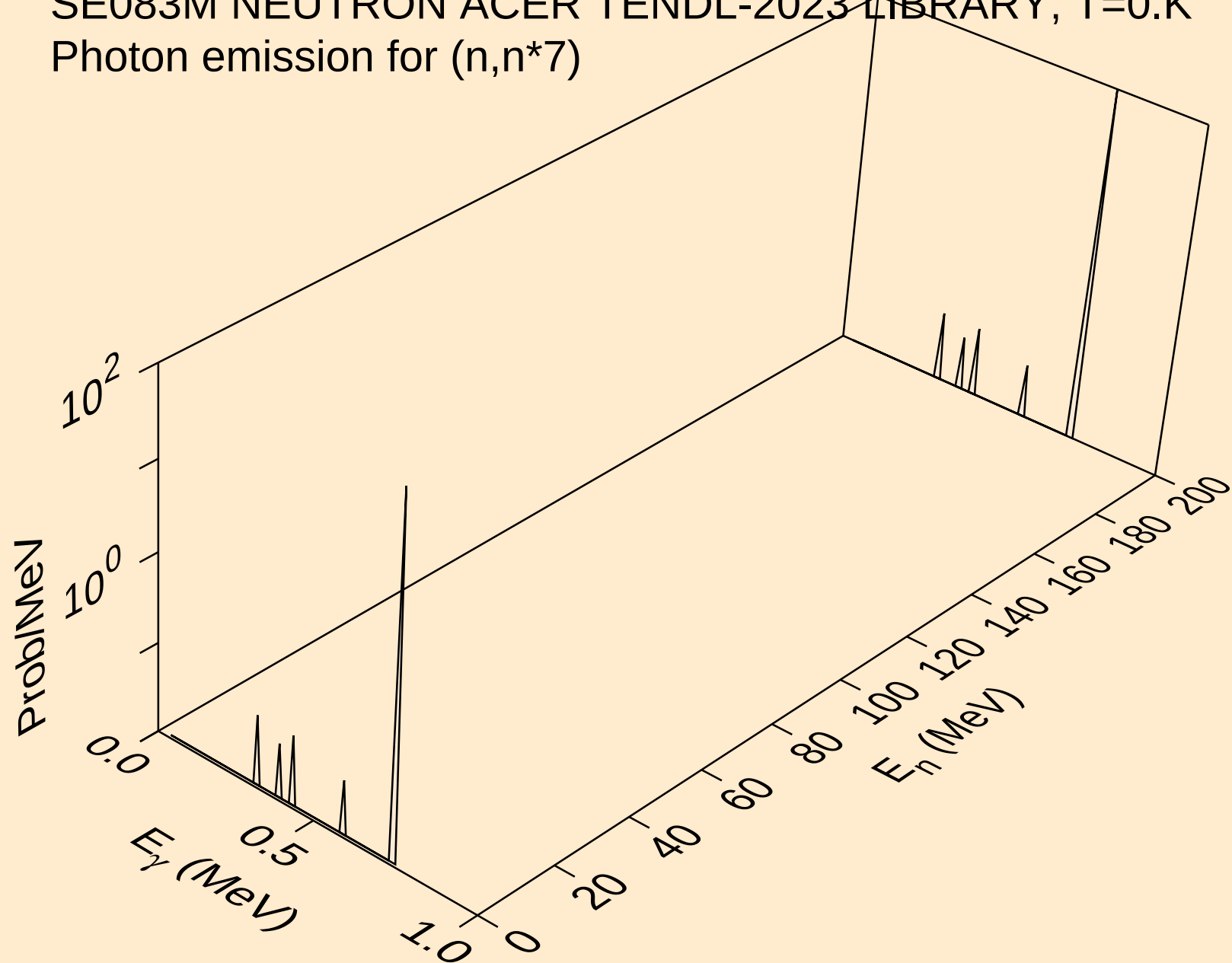
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*5)



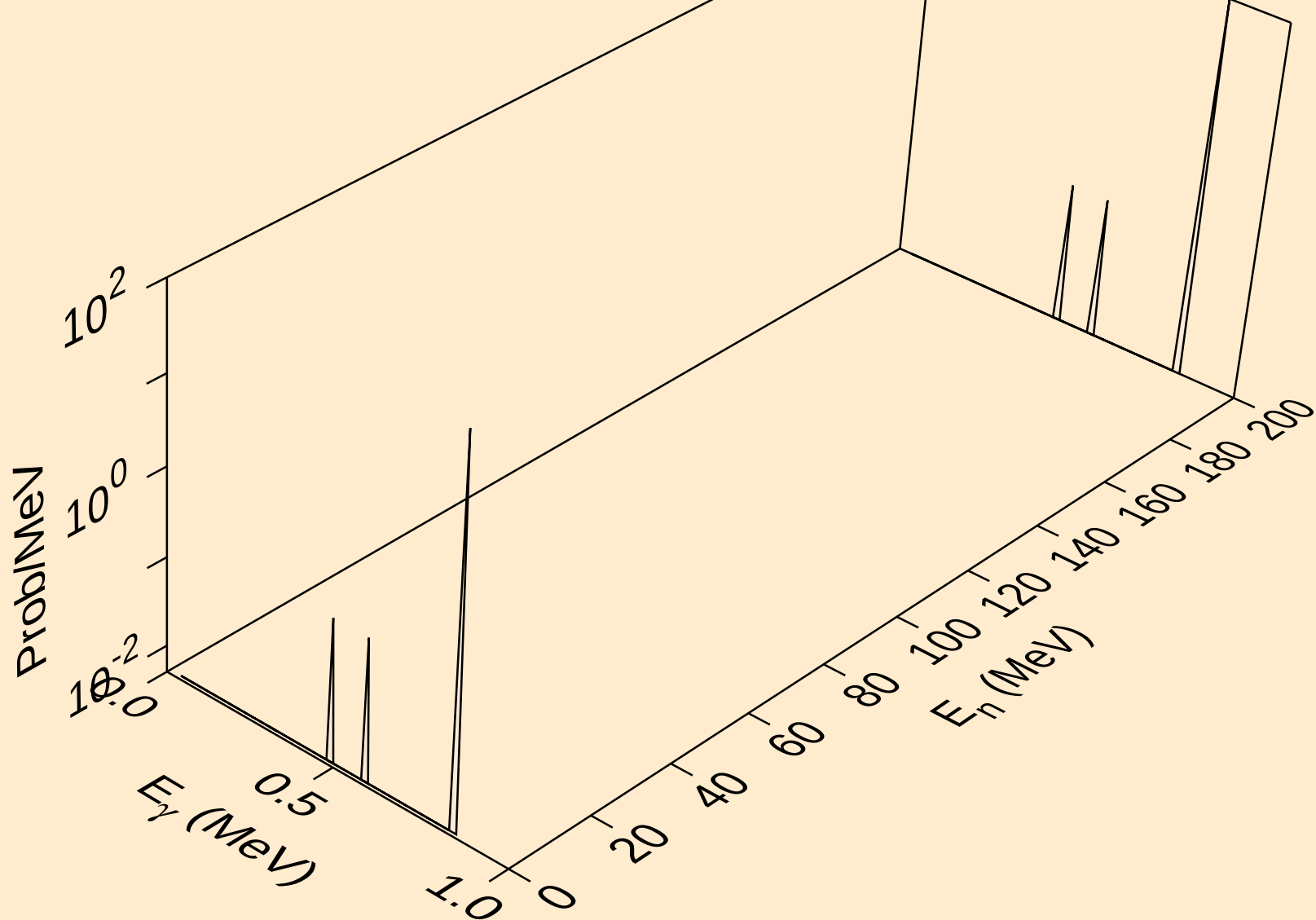
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Photon emission for (n,n\*6)



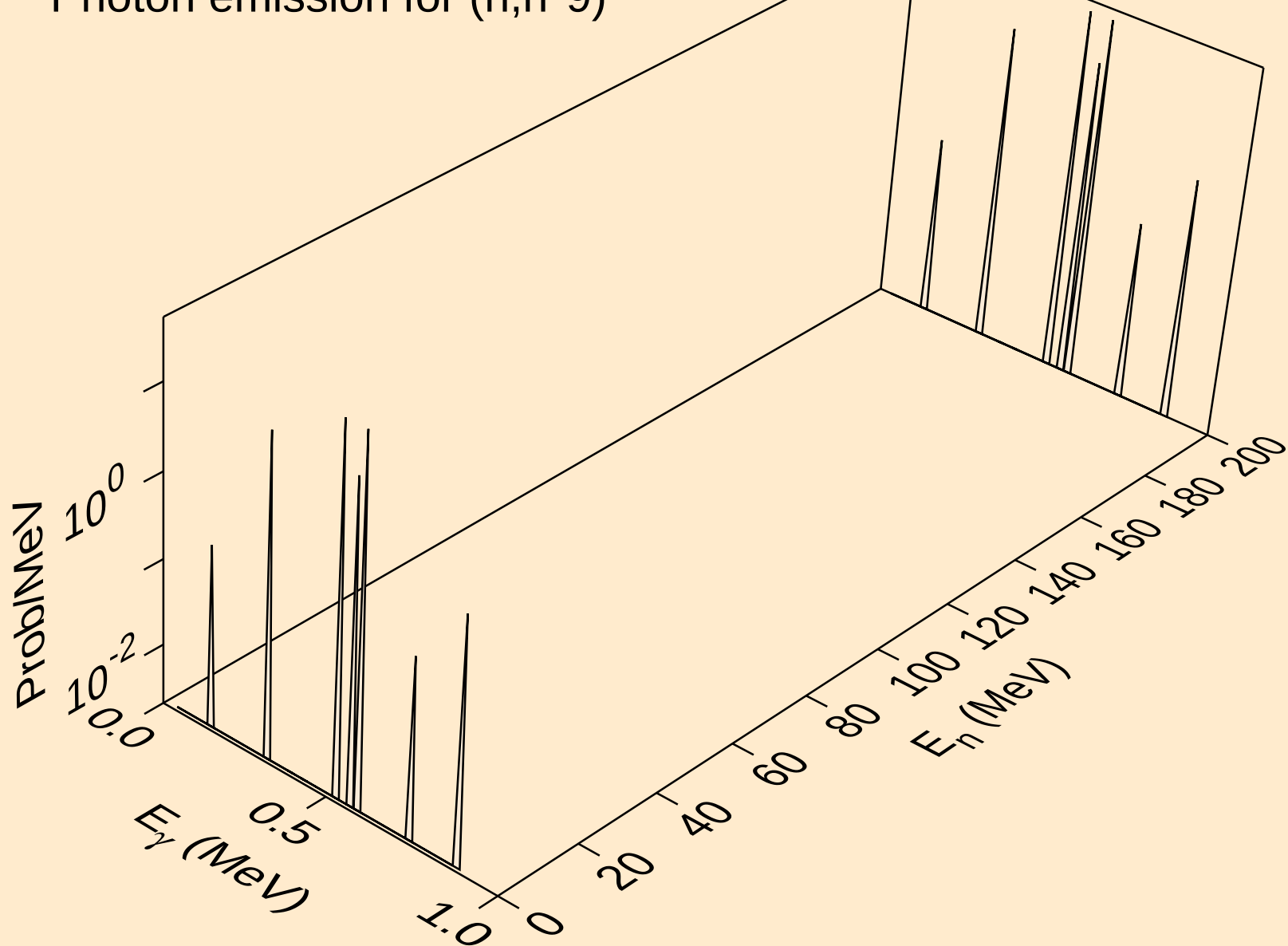
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*7)



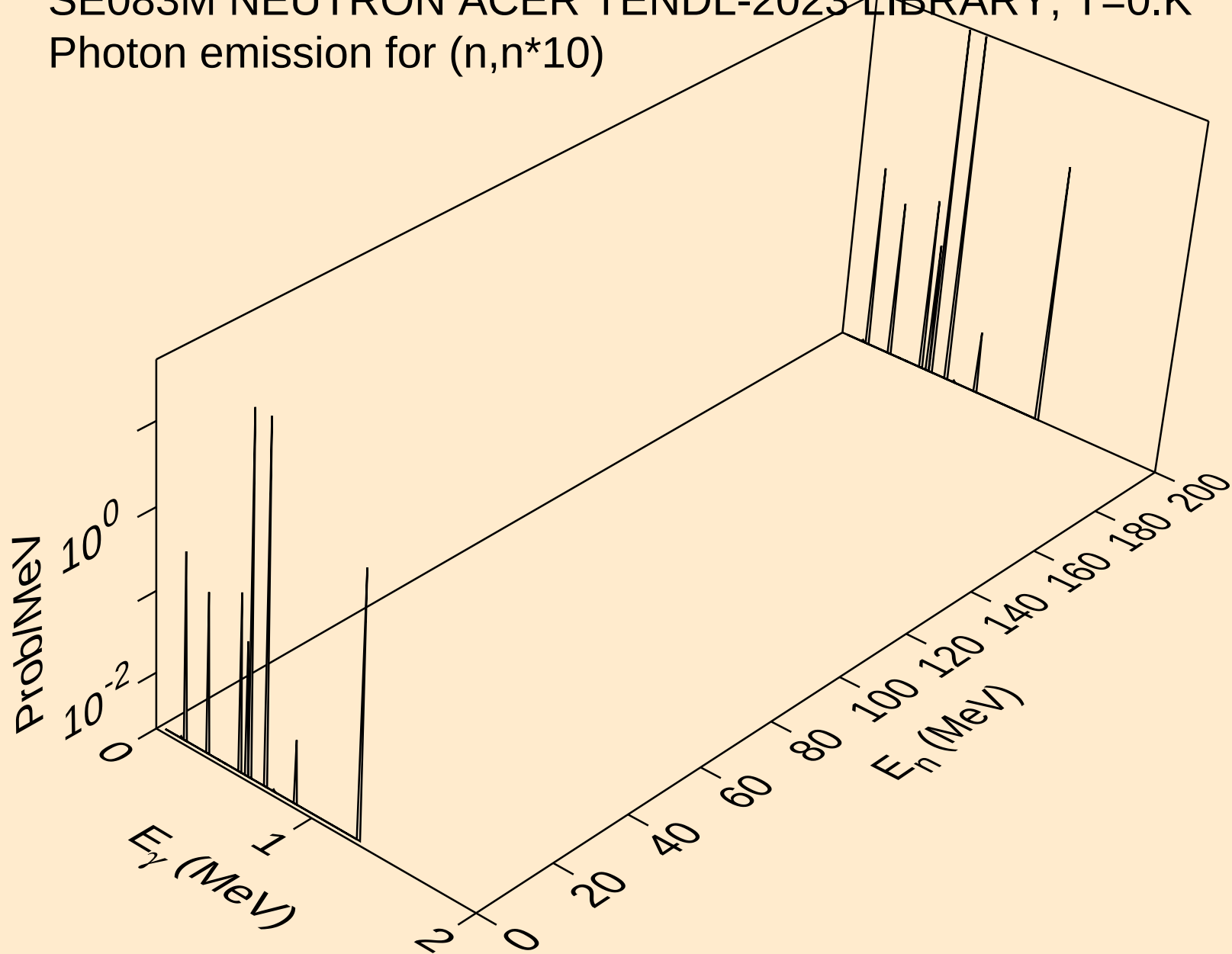
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Photon emission for (n,n\*8)



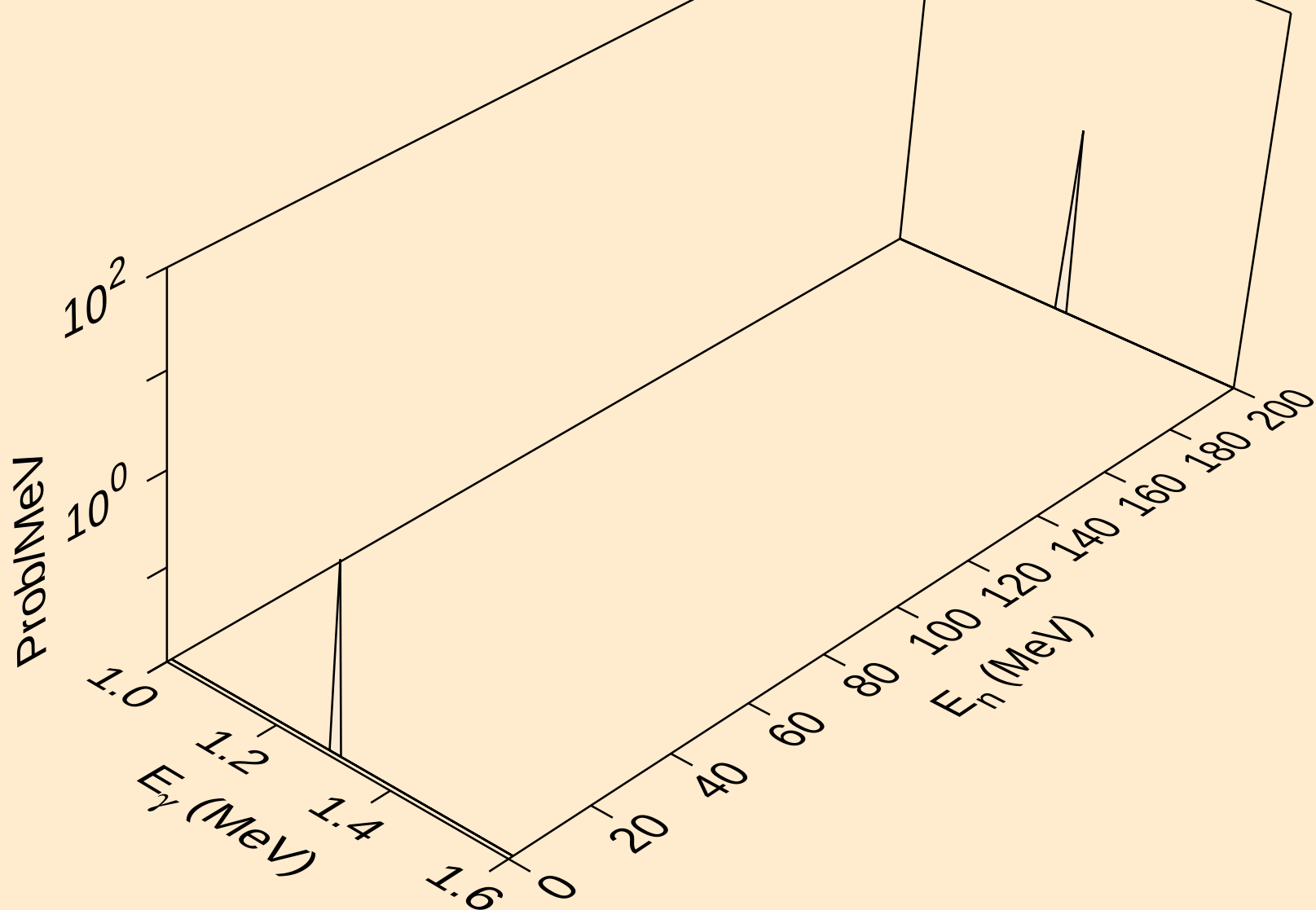
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*9)



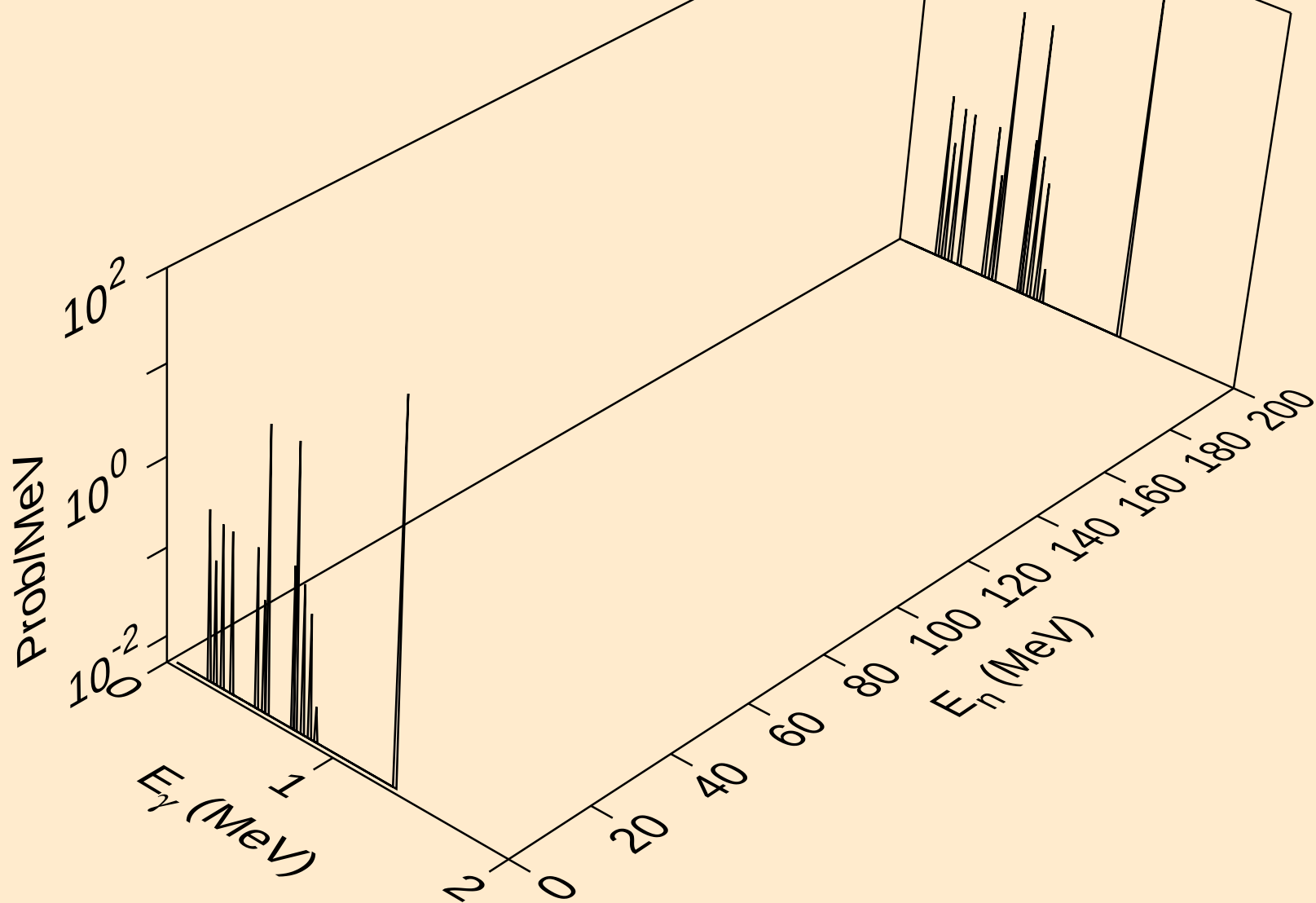
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Photon emission for (n,n\*10)



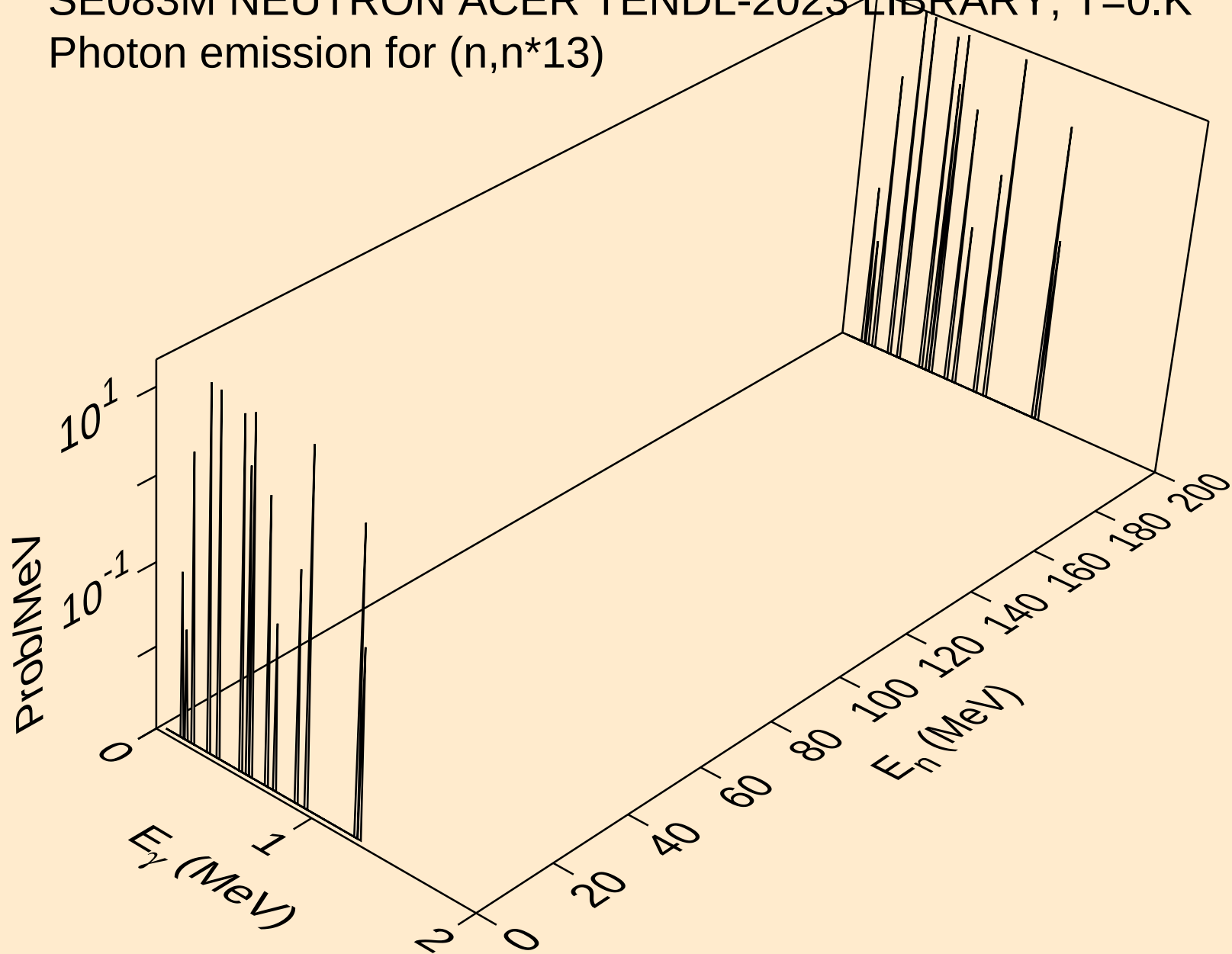
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*11)



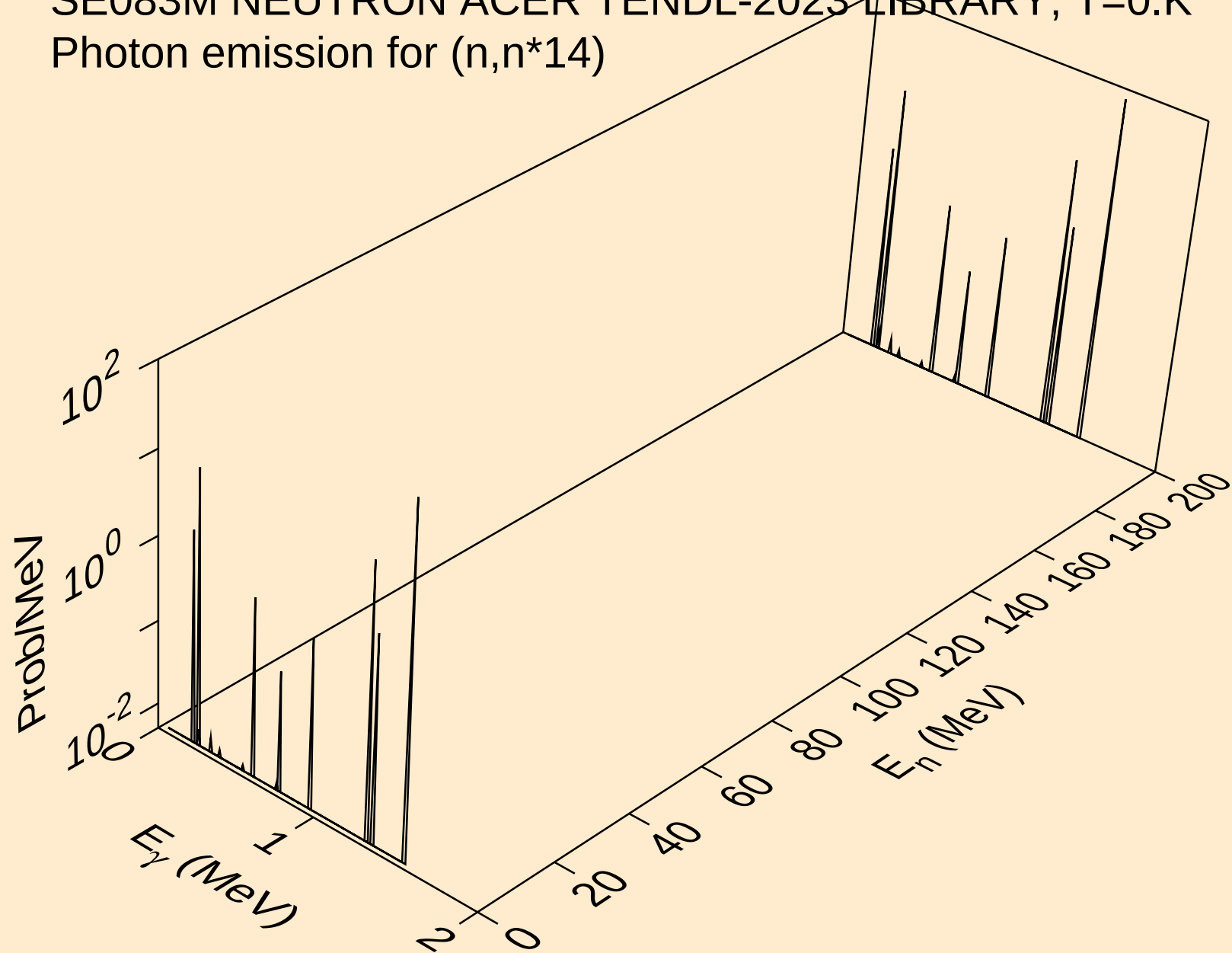
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Photon emission for (n,n\*12)



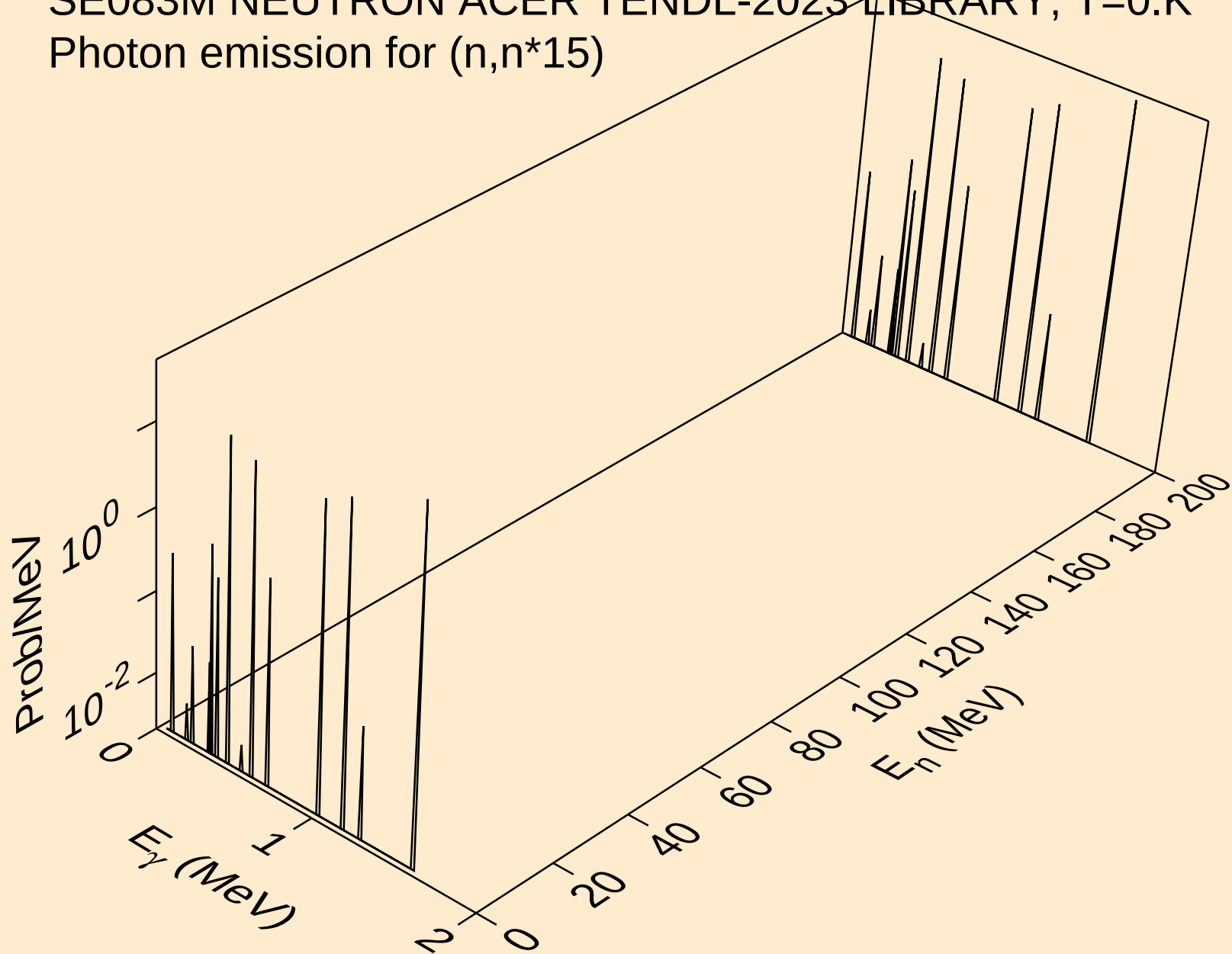
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Photon emission for (n,n\*13)



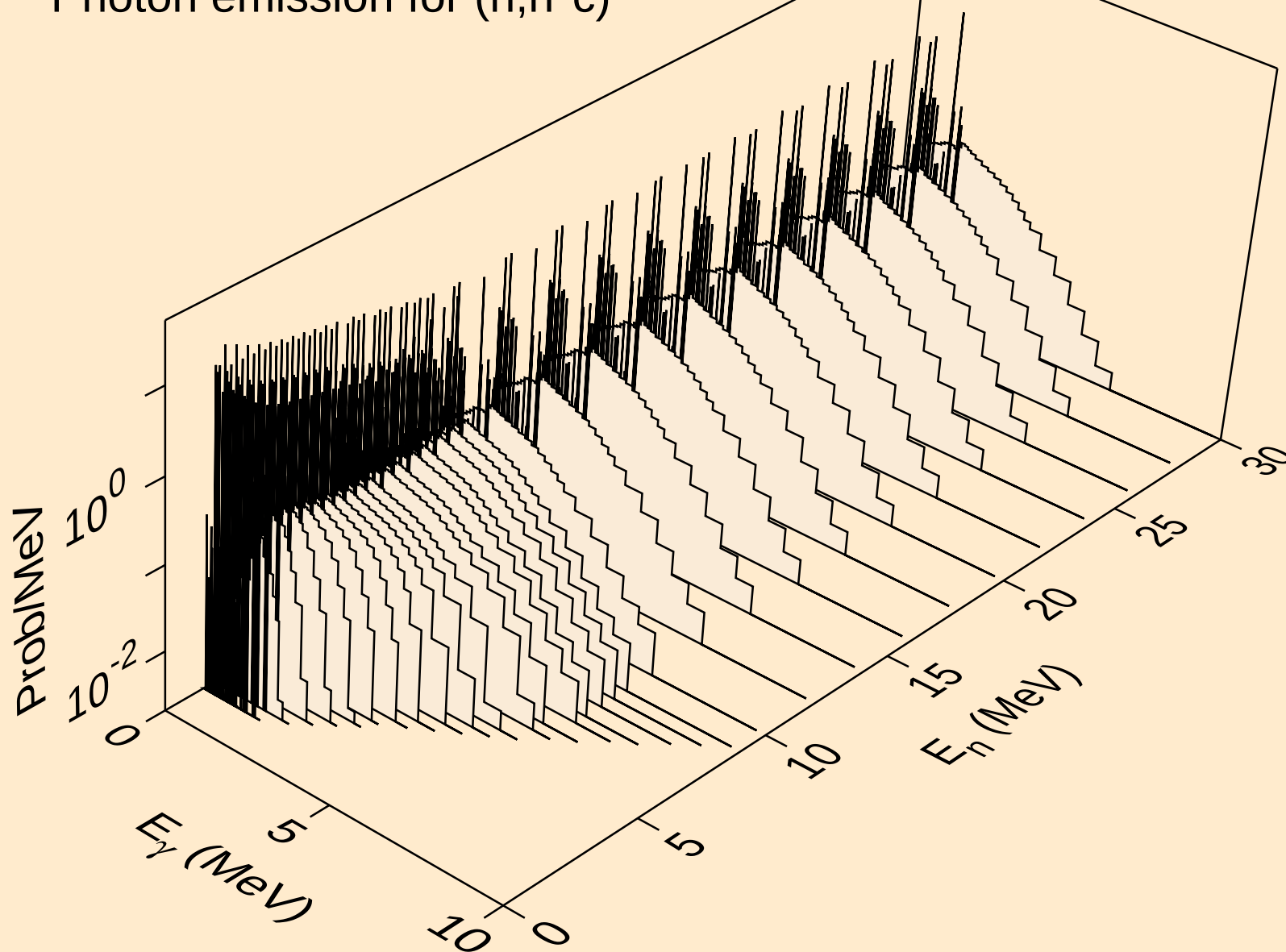
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*14)



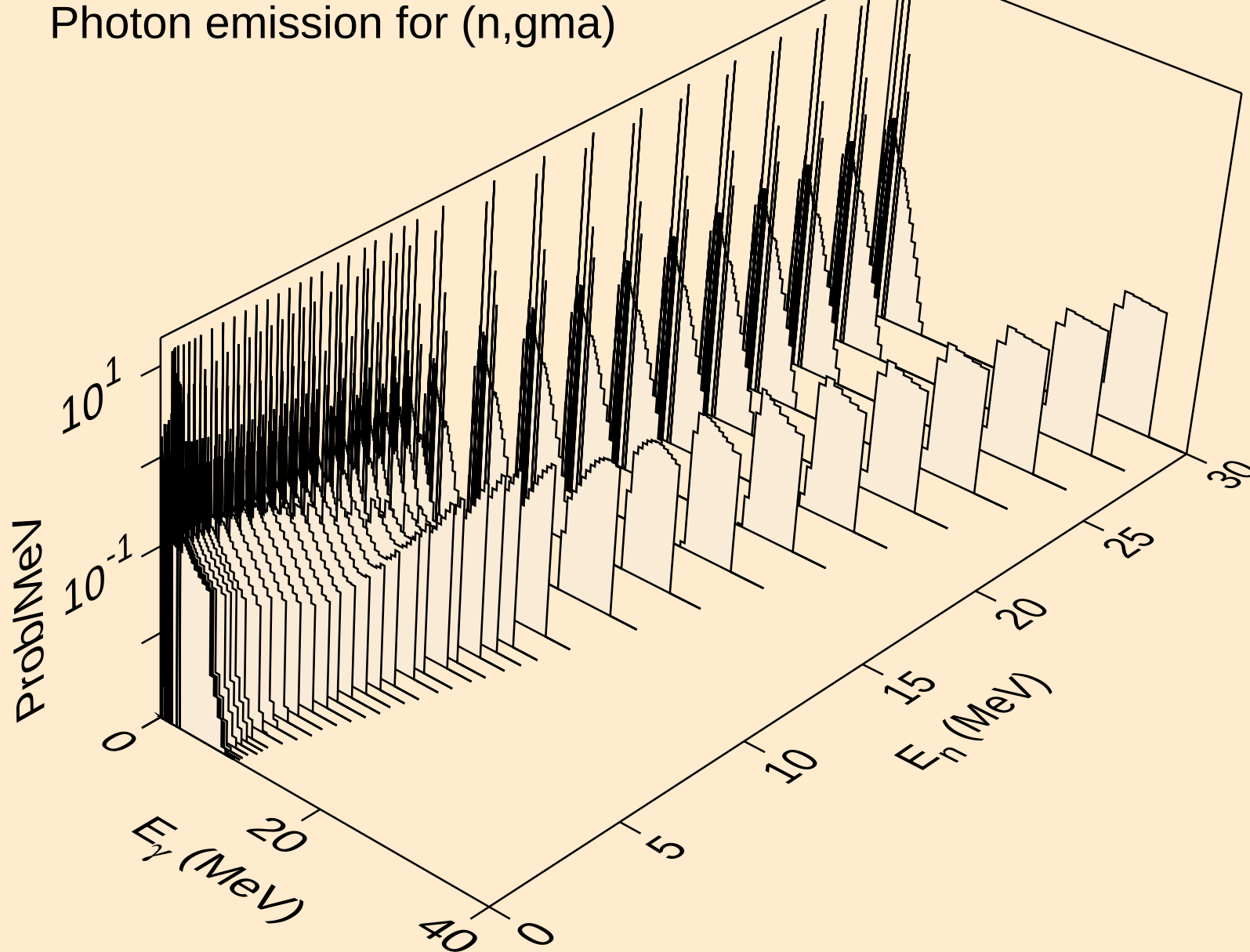
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*15)



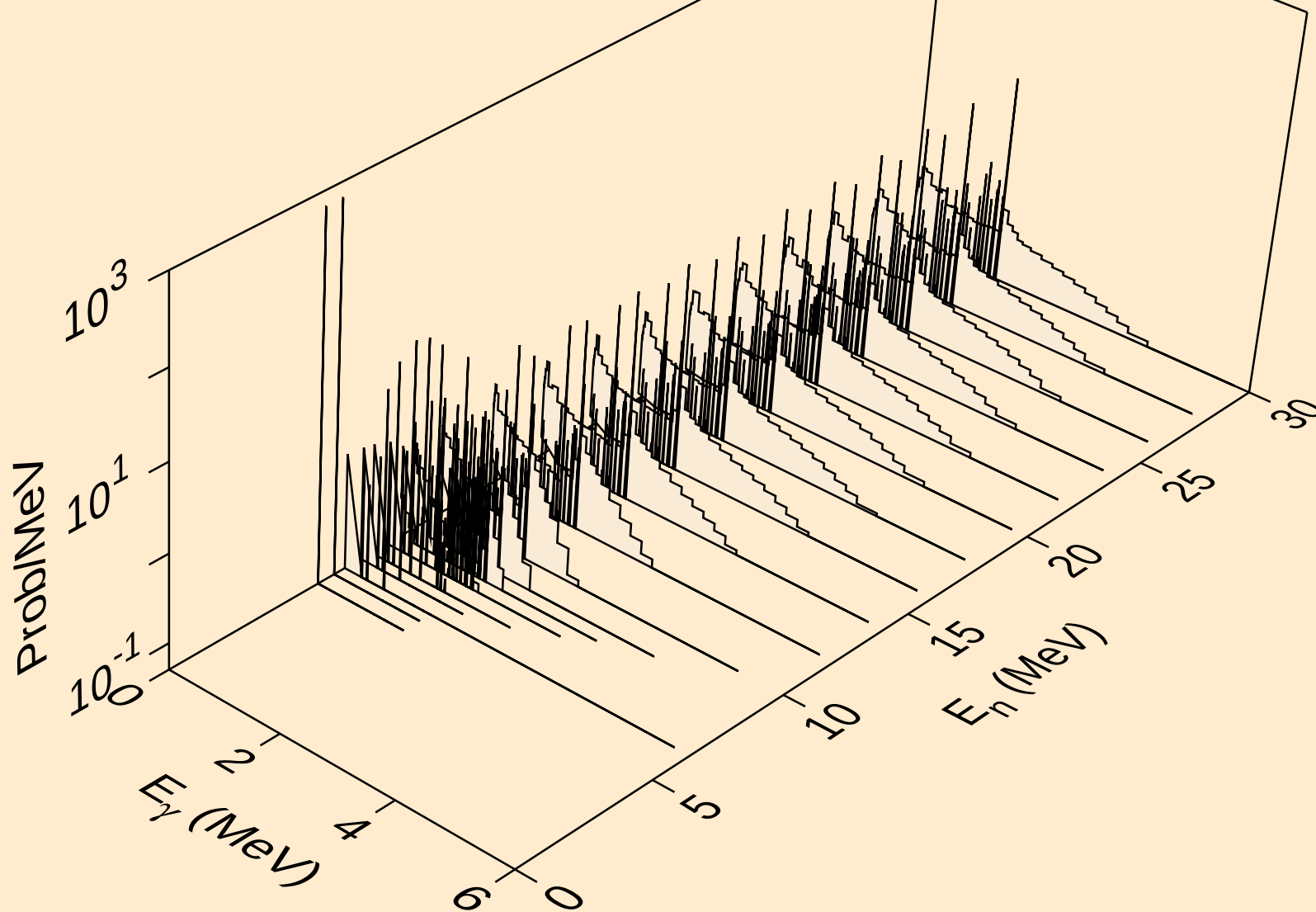
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



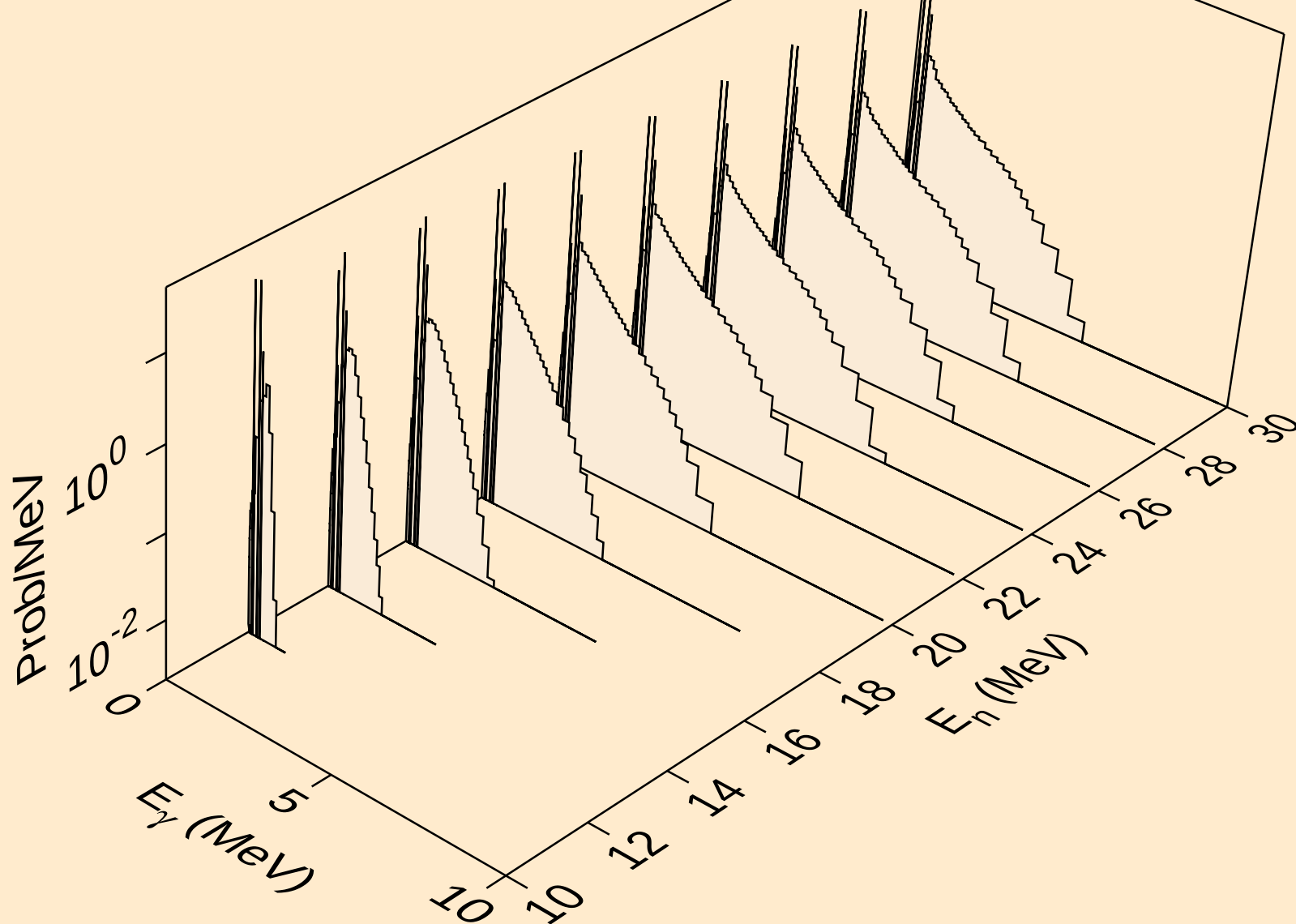
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Photon emission for (n,gma)



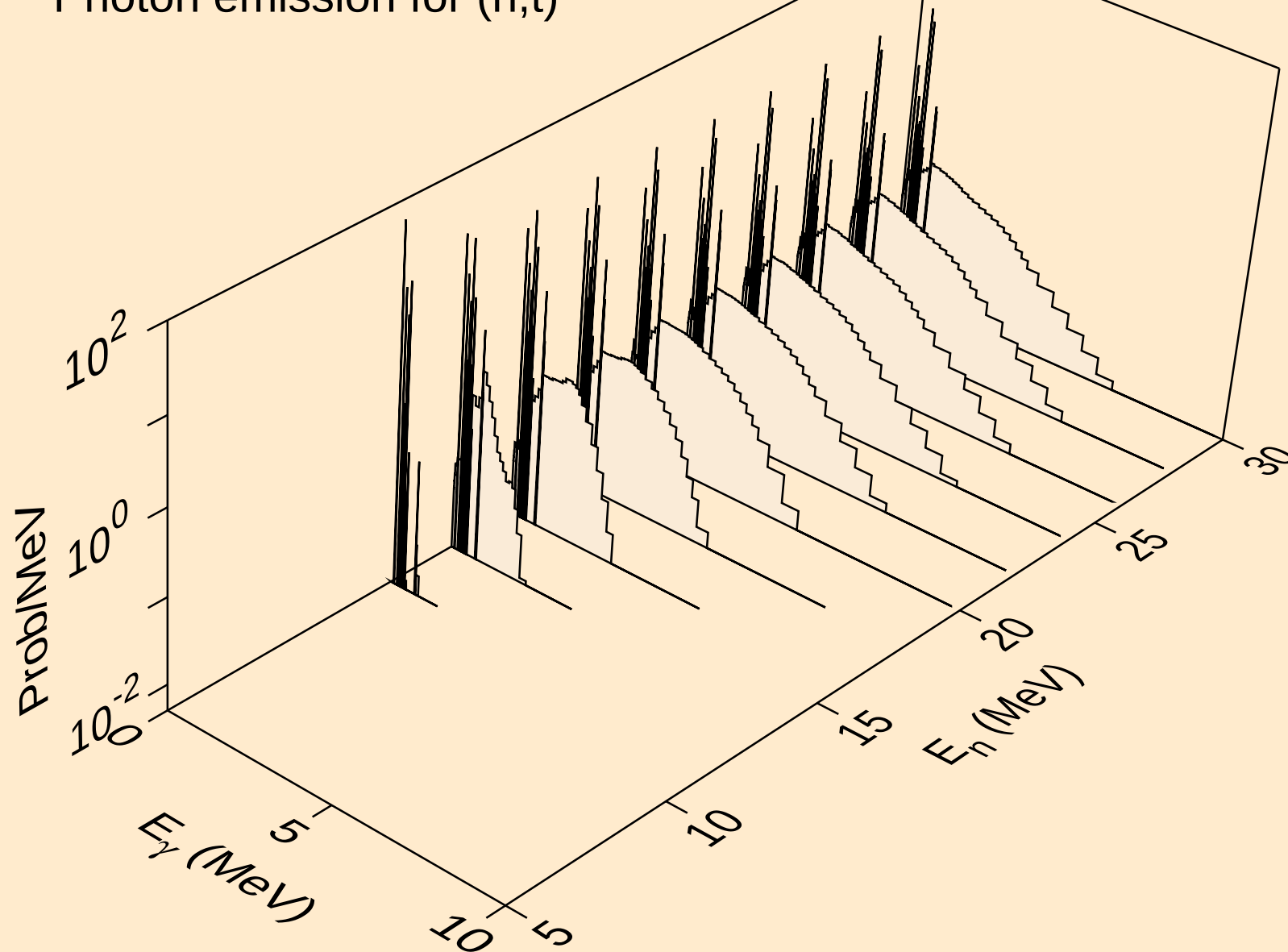
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



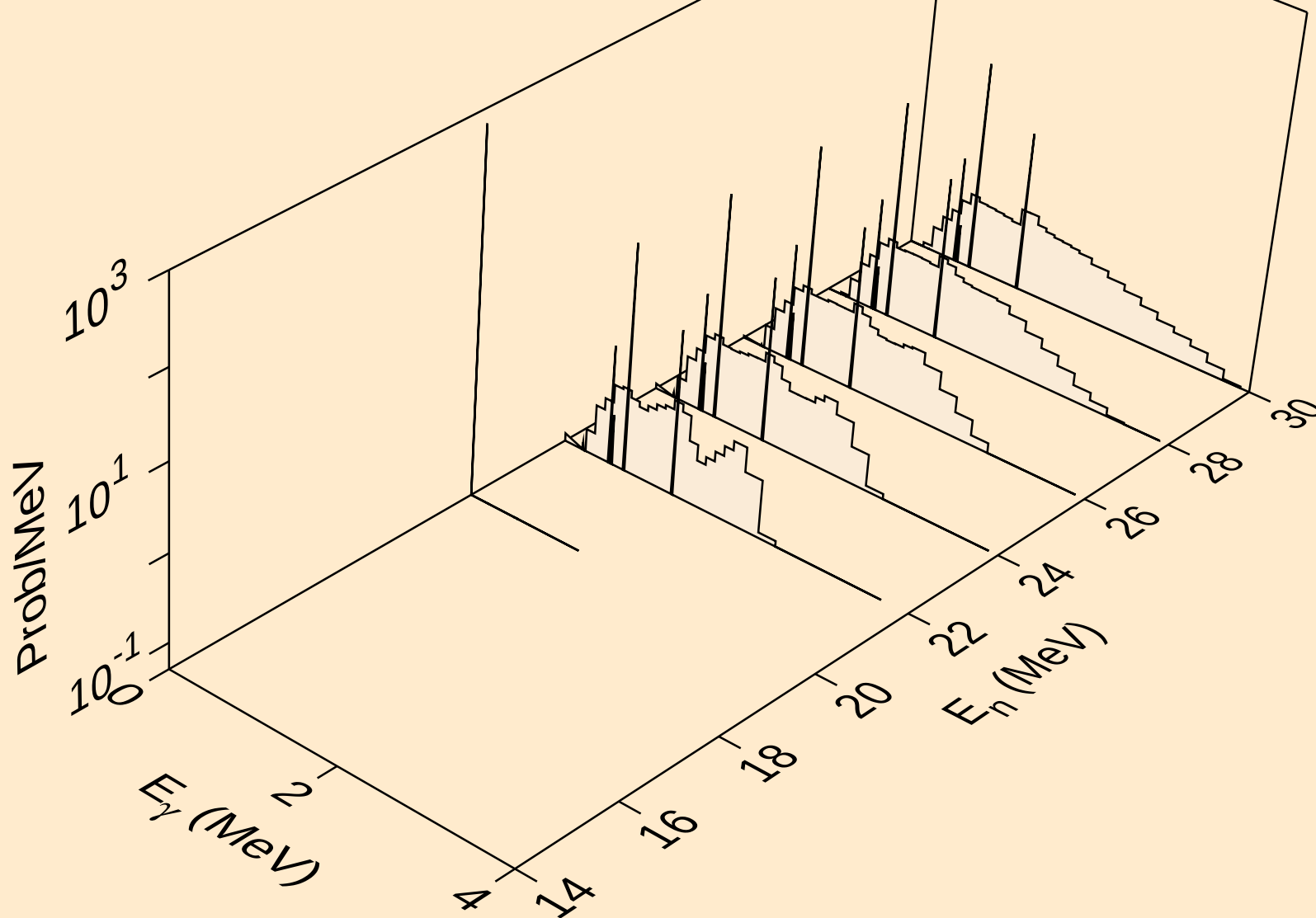
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



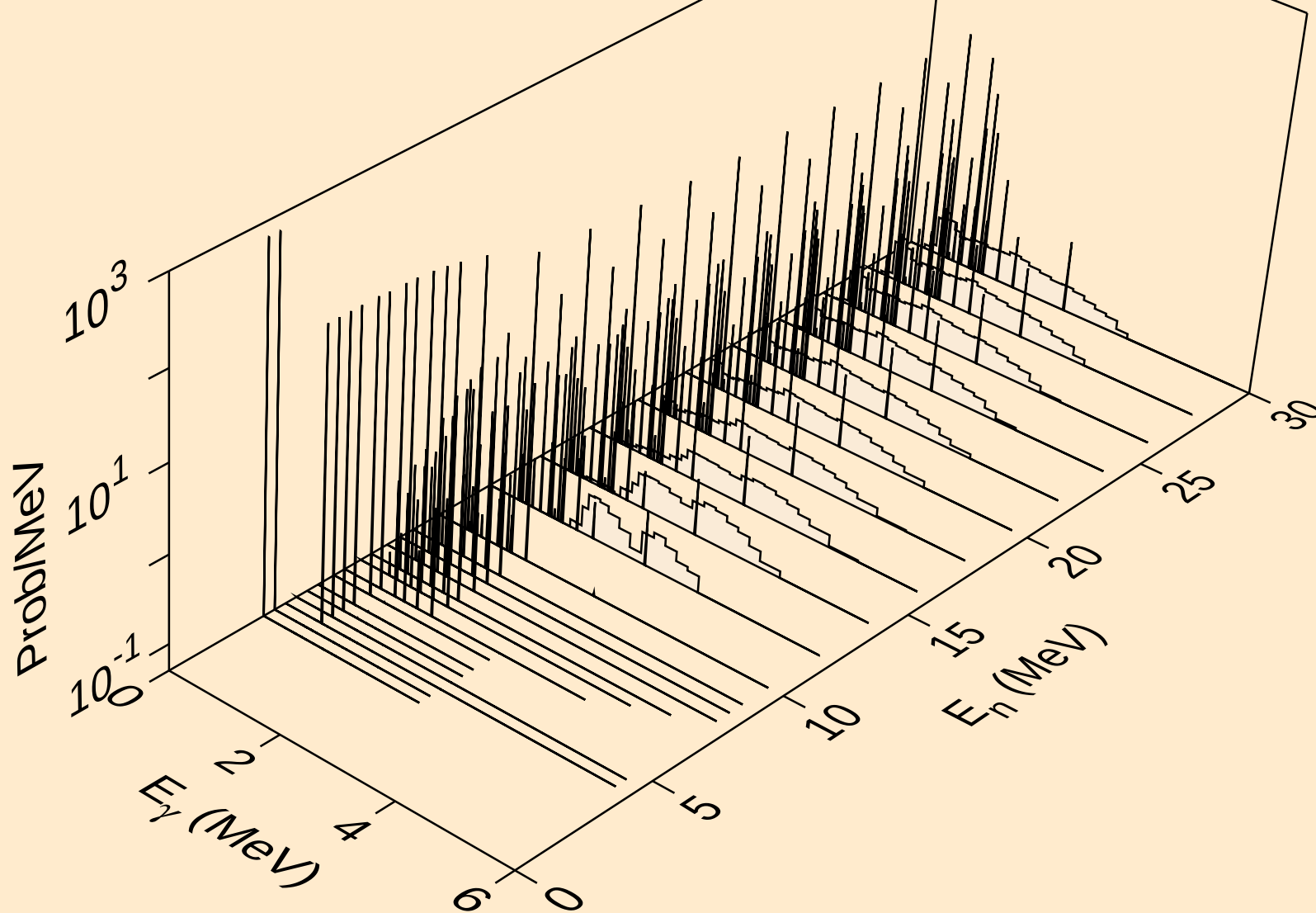
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Photon emission for (n,t)



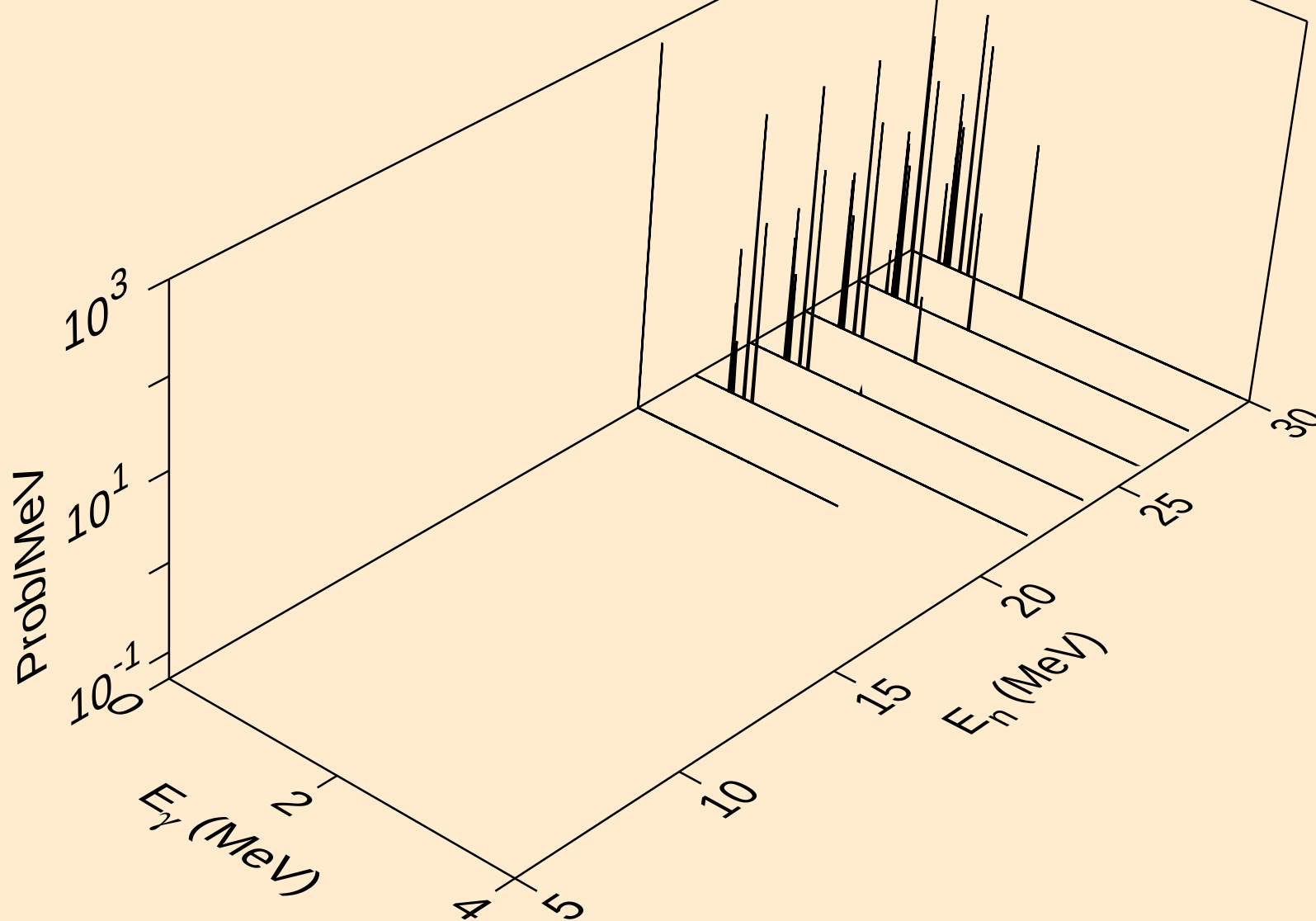
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Photon emission for (n,he3)



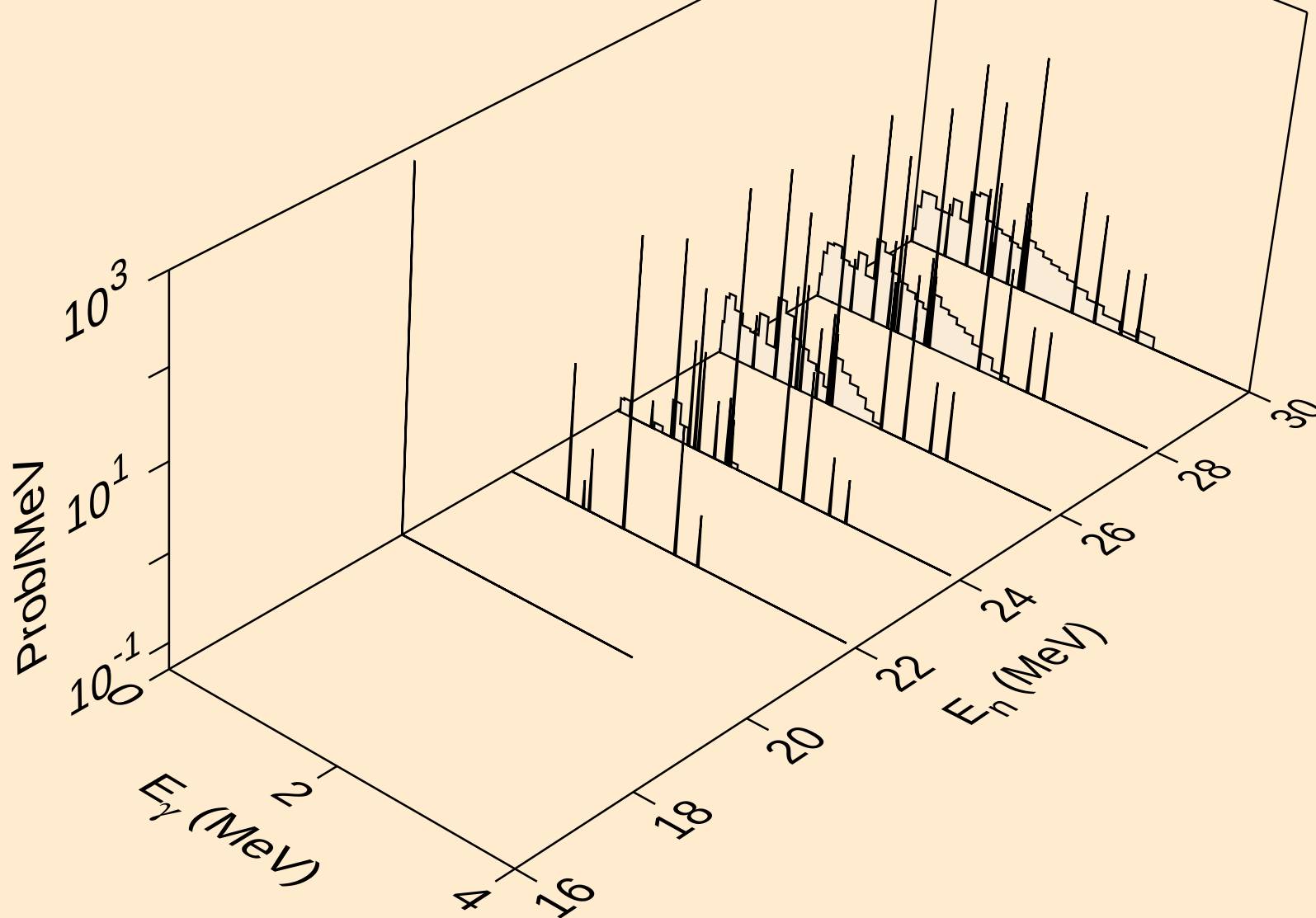
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Photon emission for (n,a)



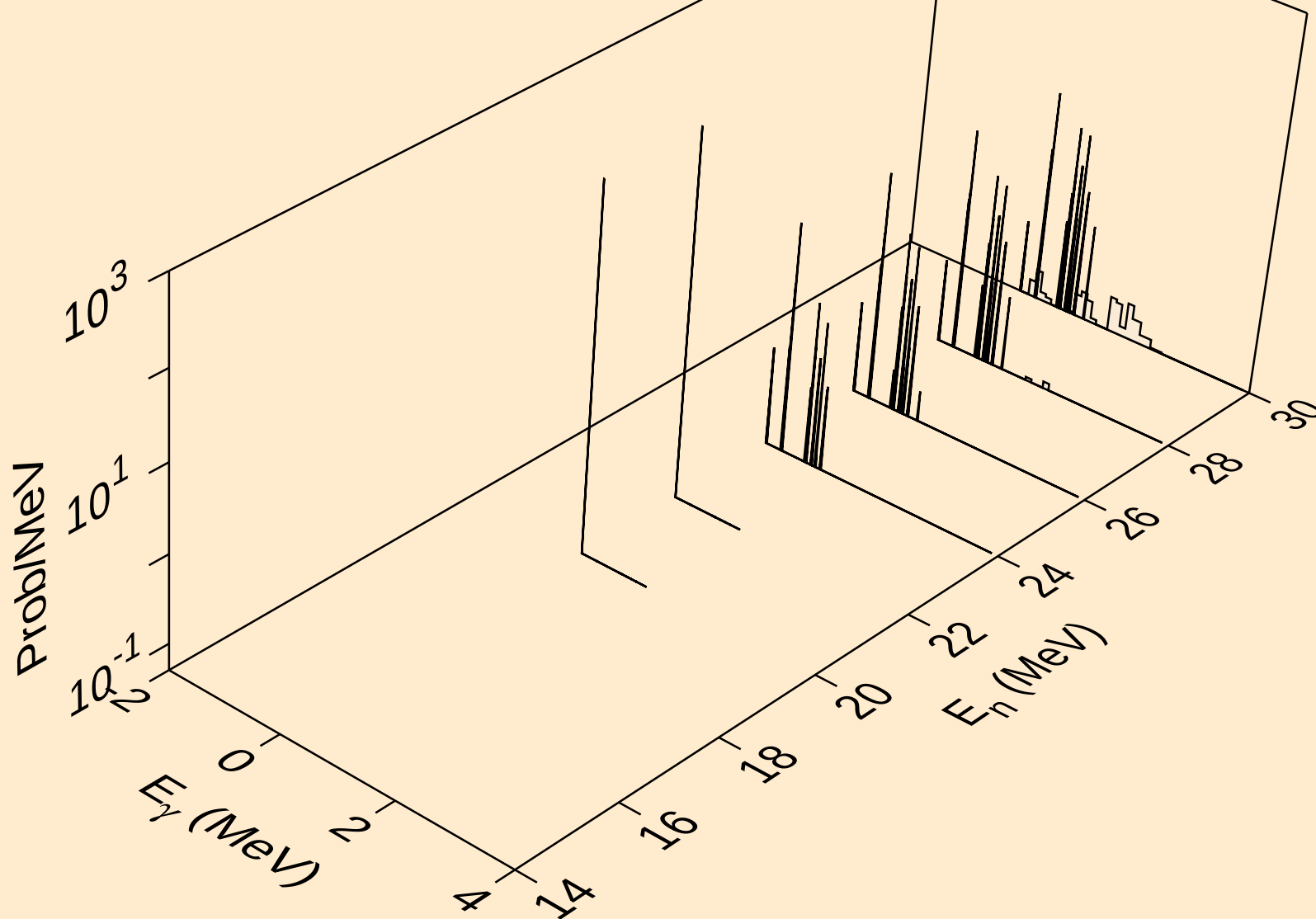
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



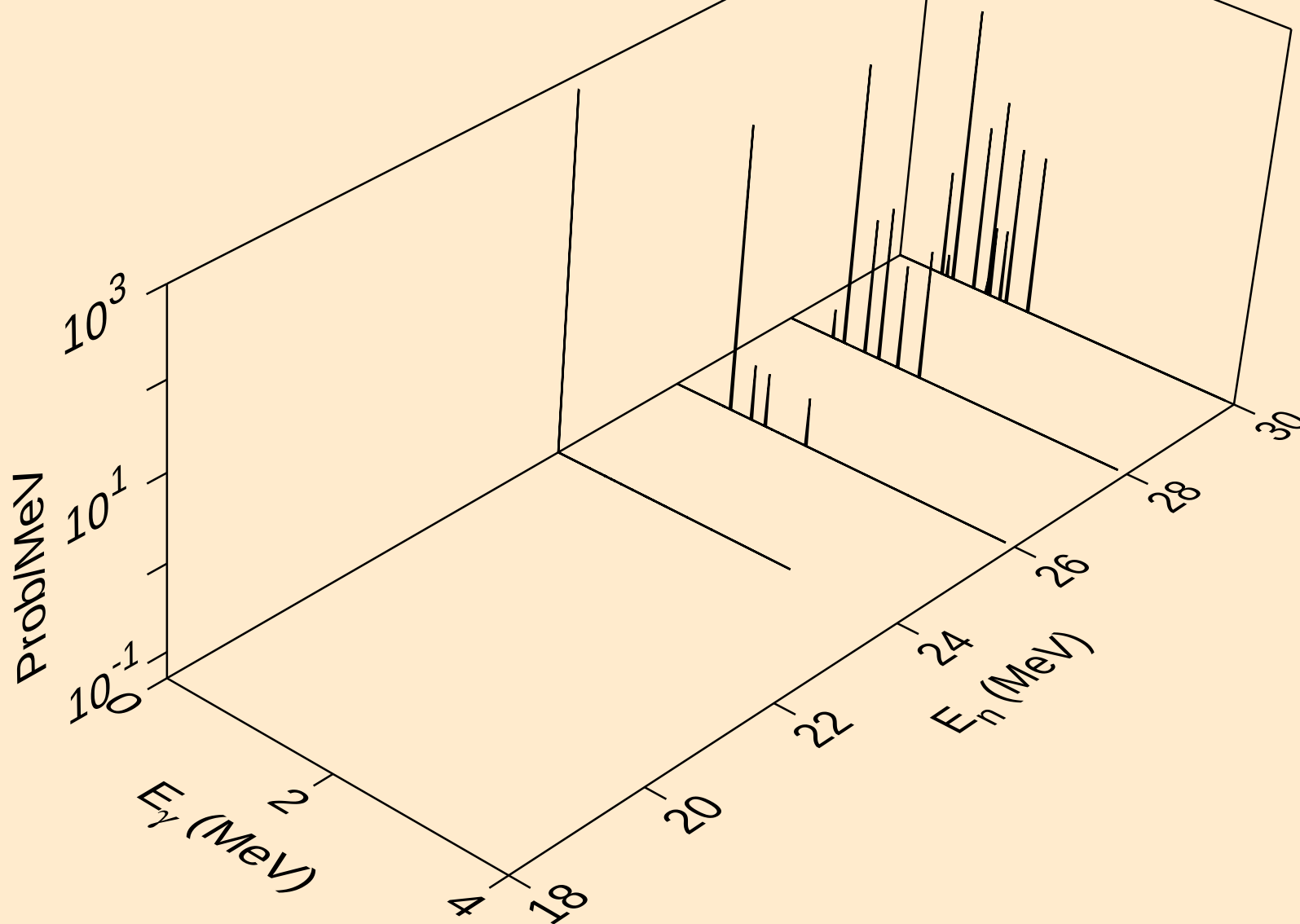
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Photon emission for (n,2p)



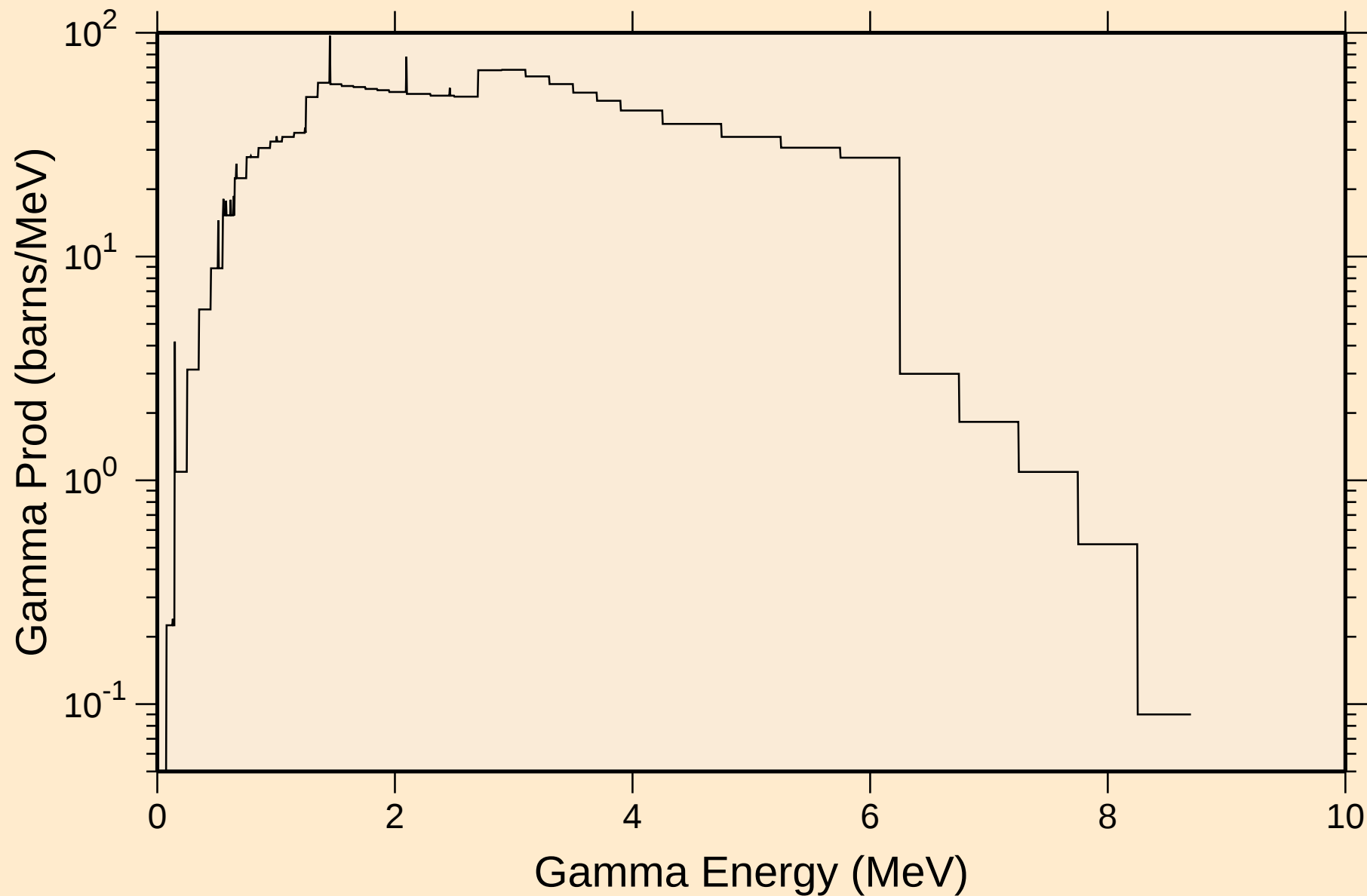
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Photon emission for (n,p $\alpha$ )



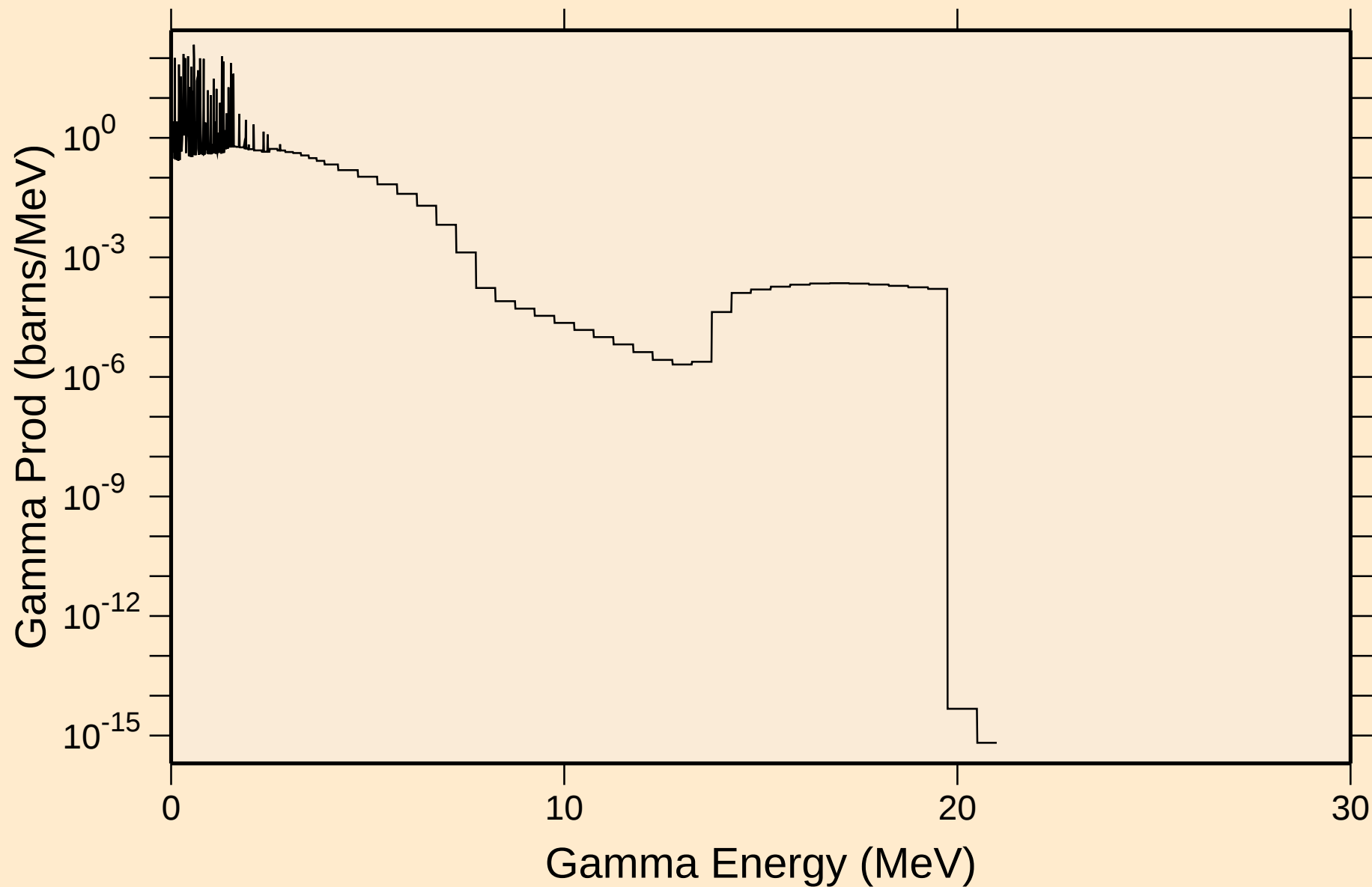
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

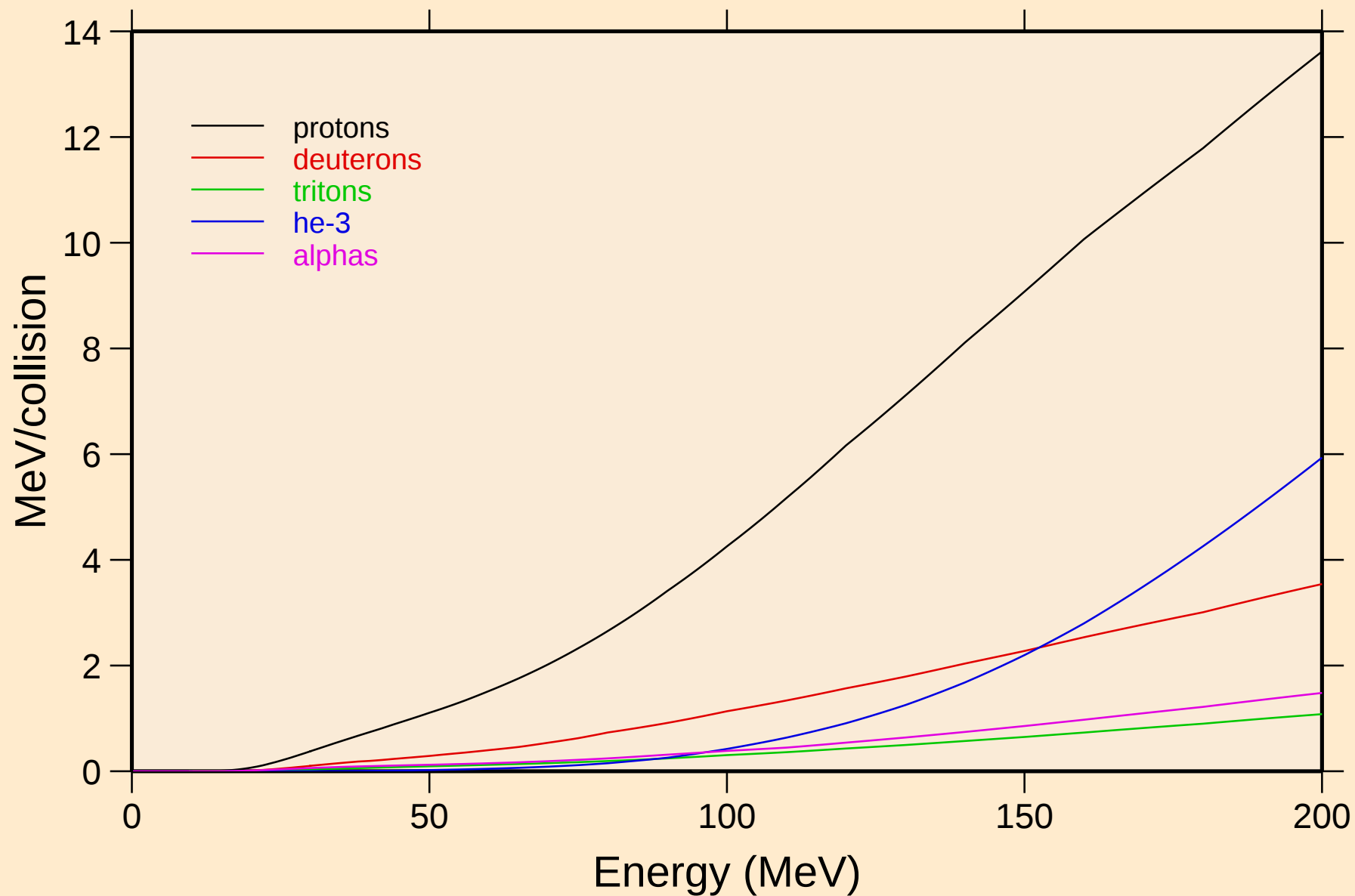


SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

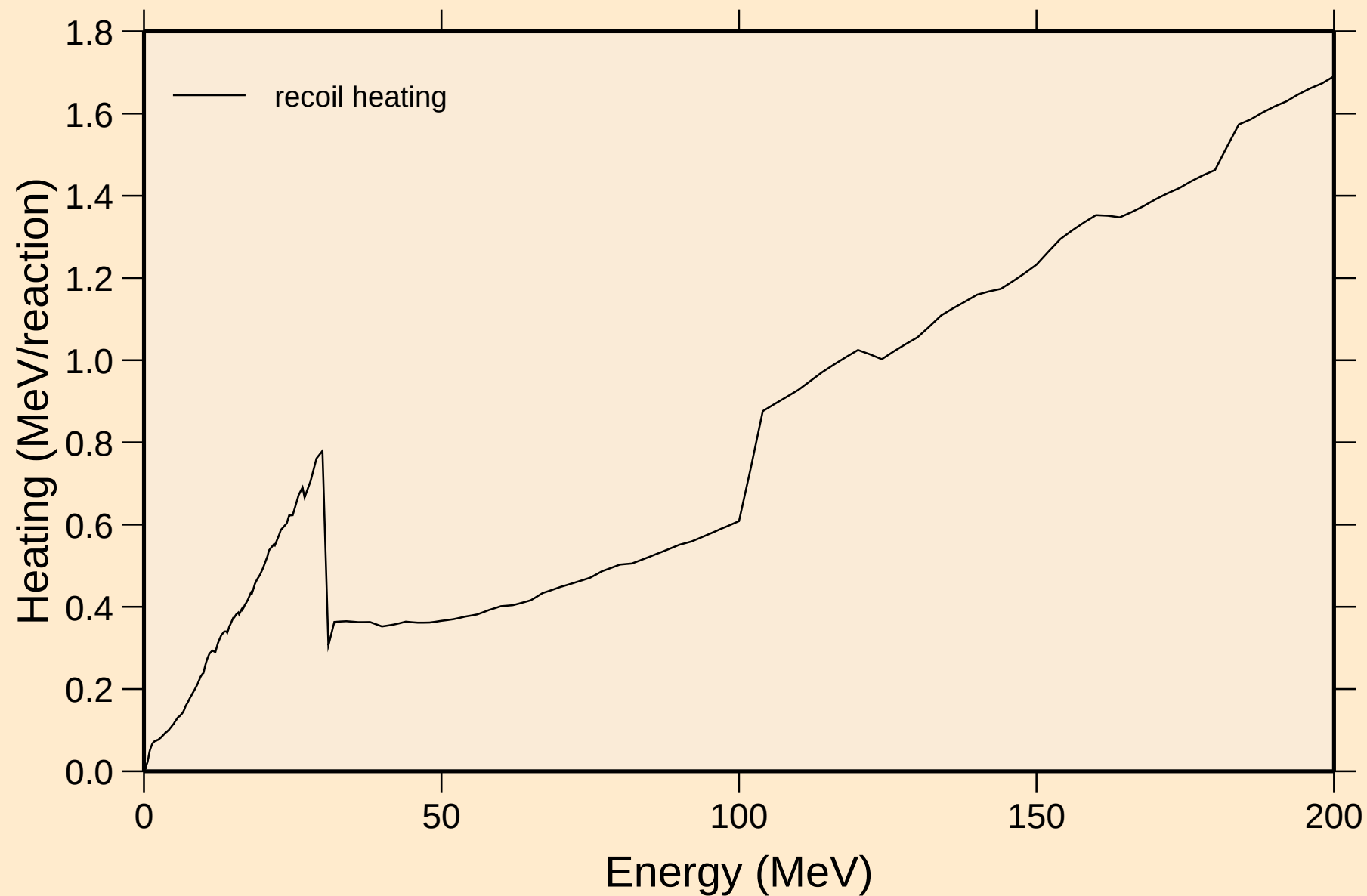


# SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

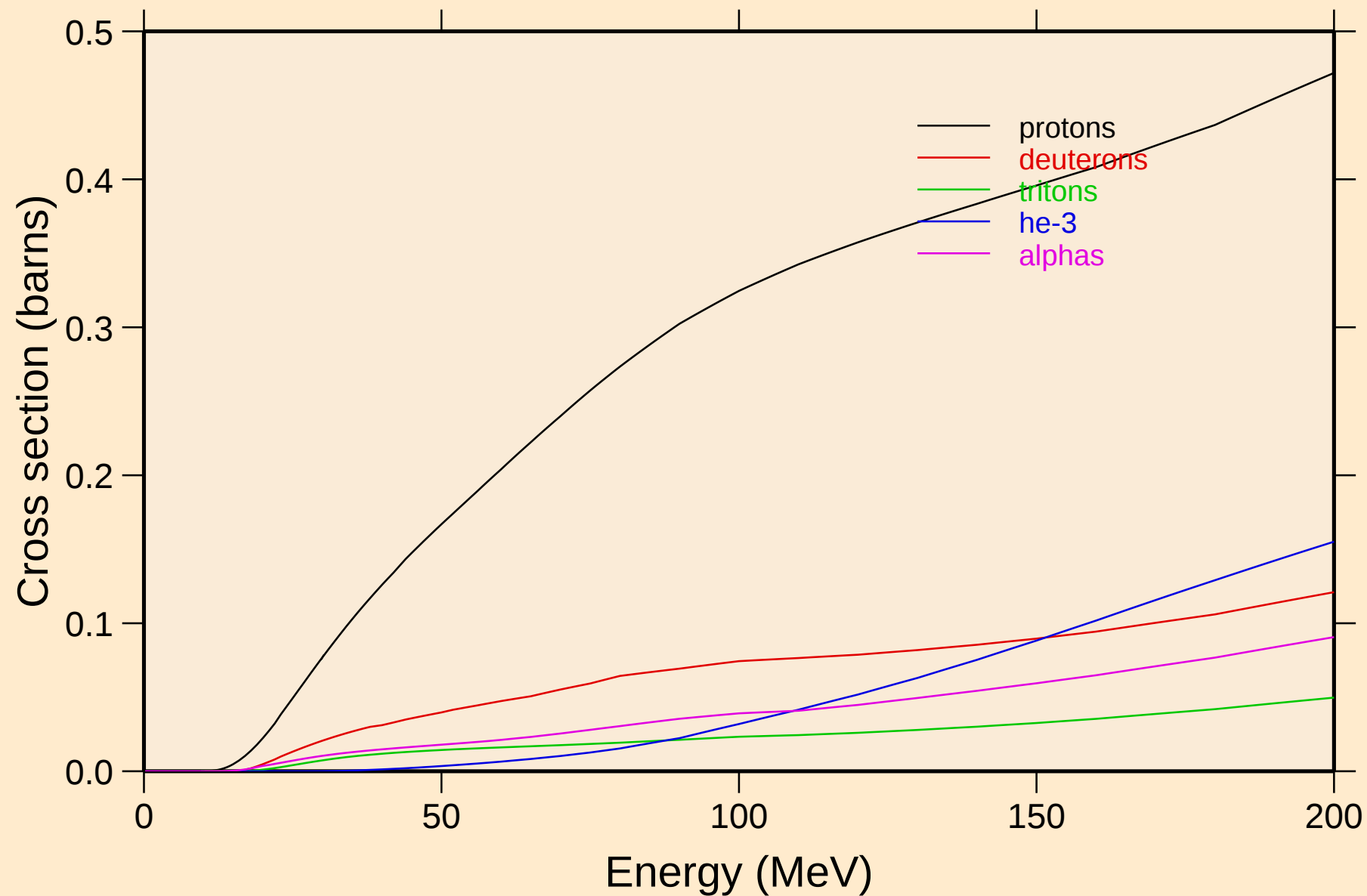


SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

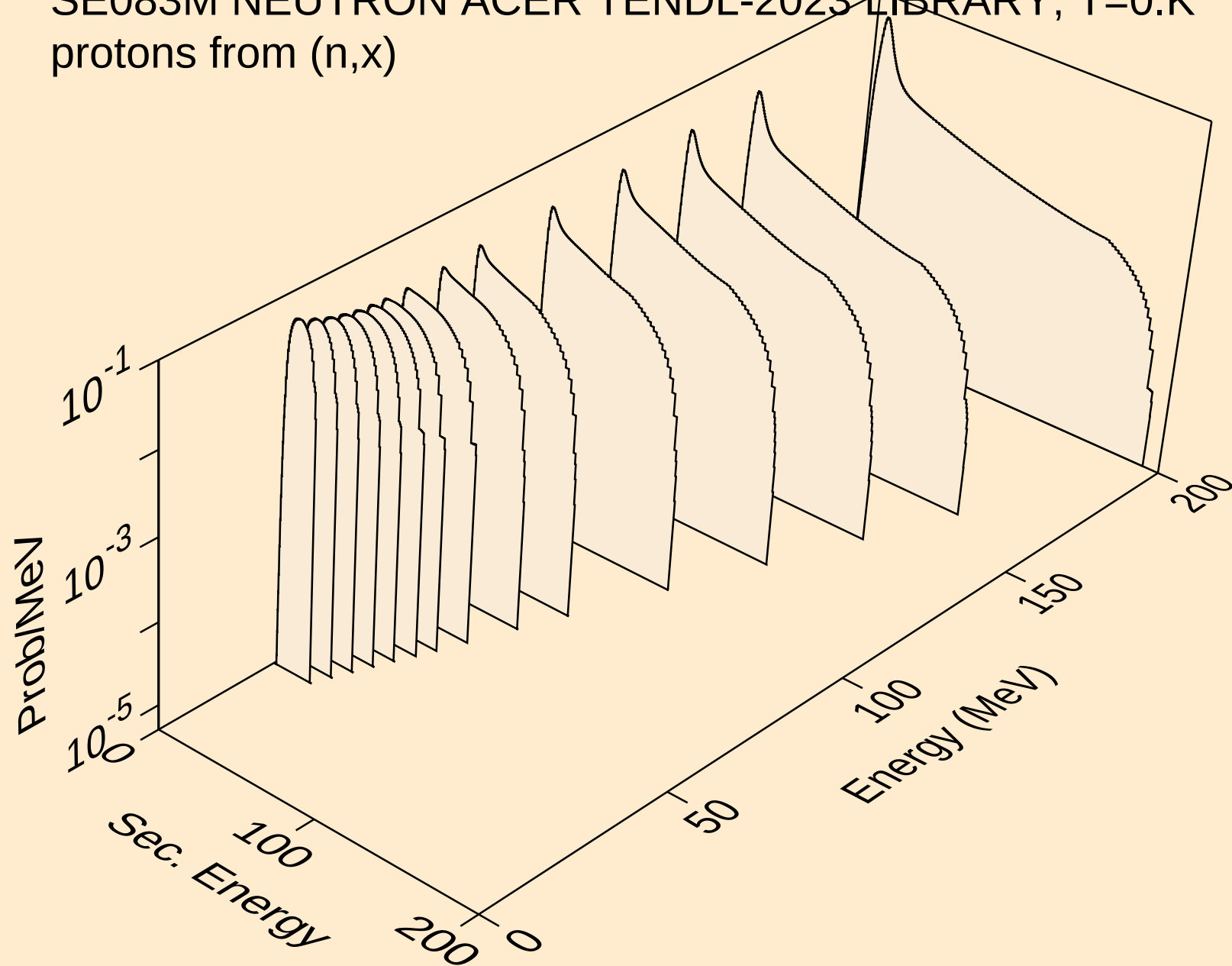


# SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

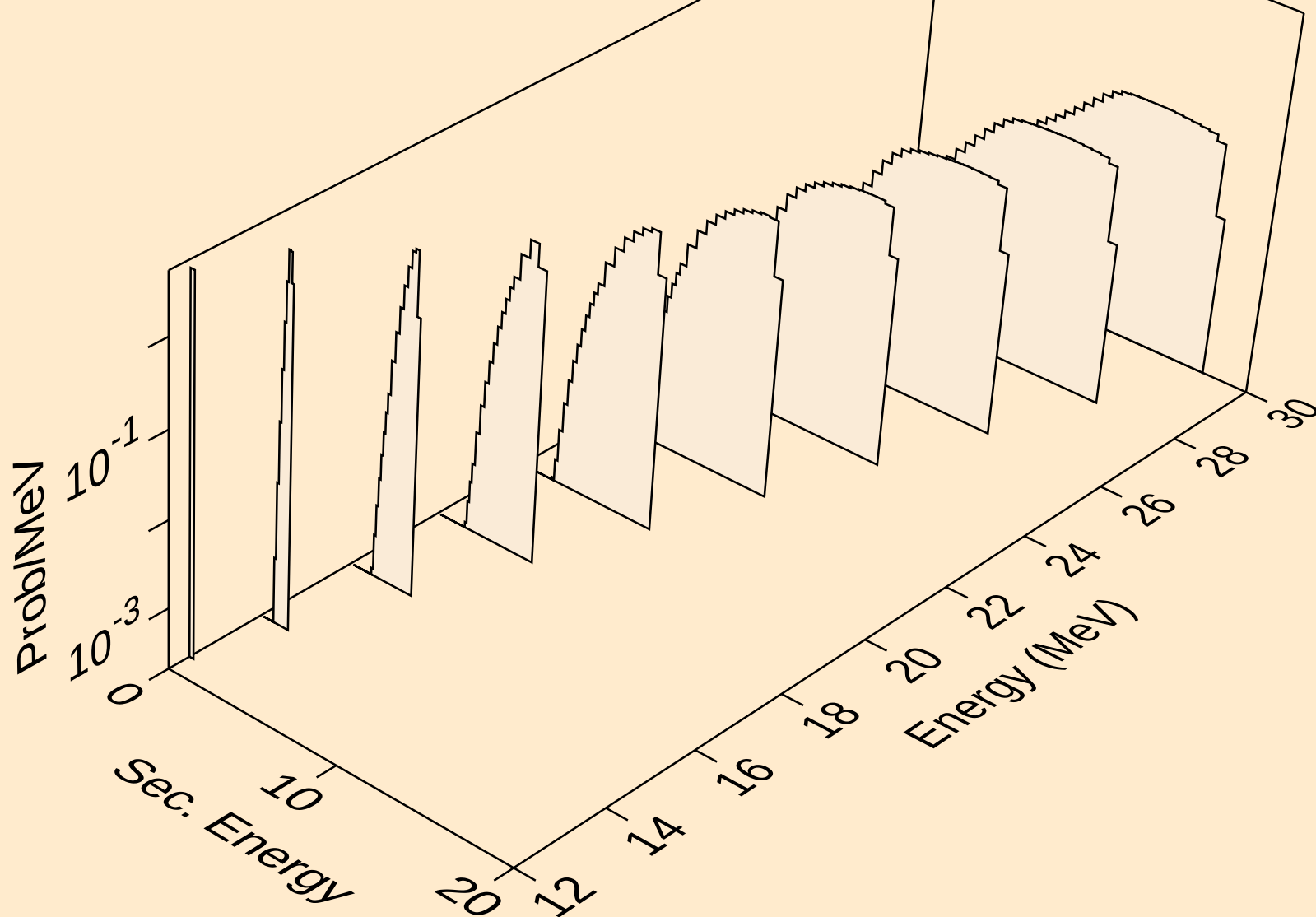
## Particle production cross sections



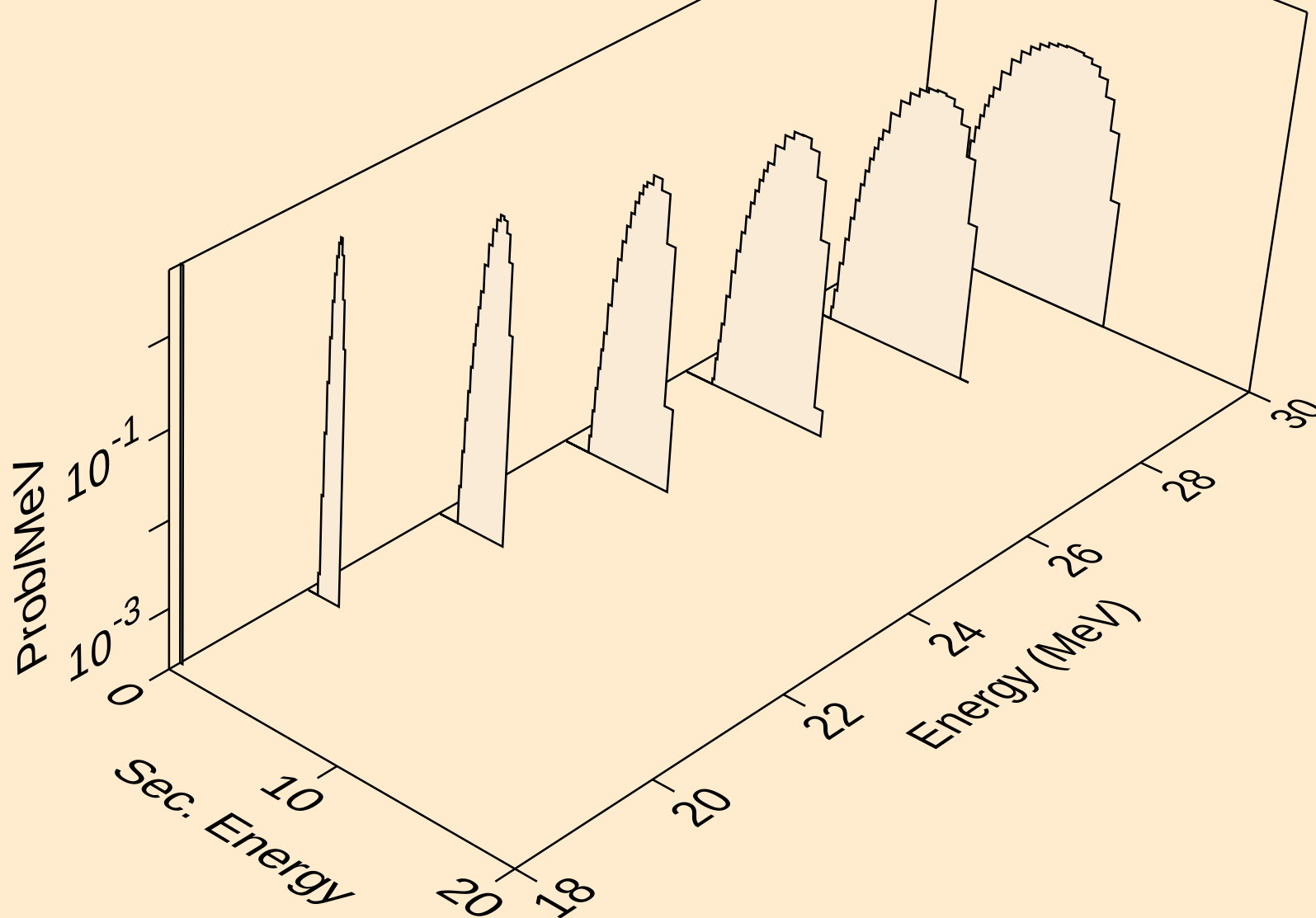
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



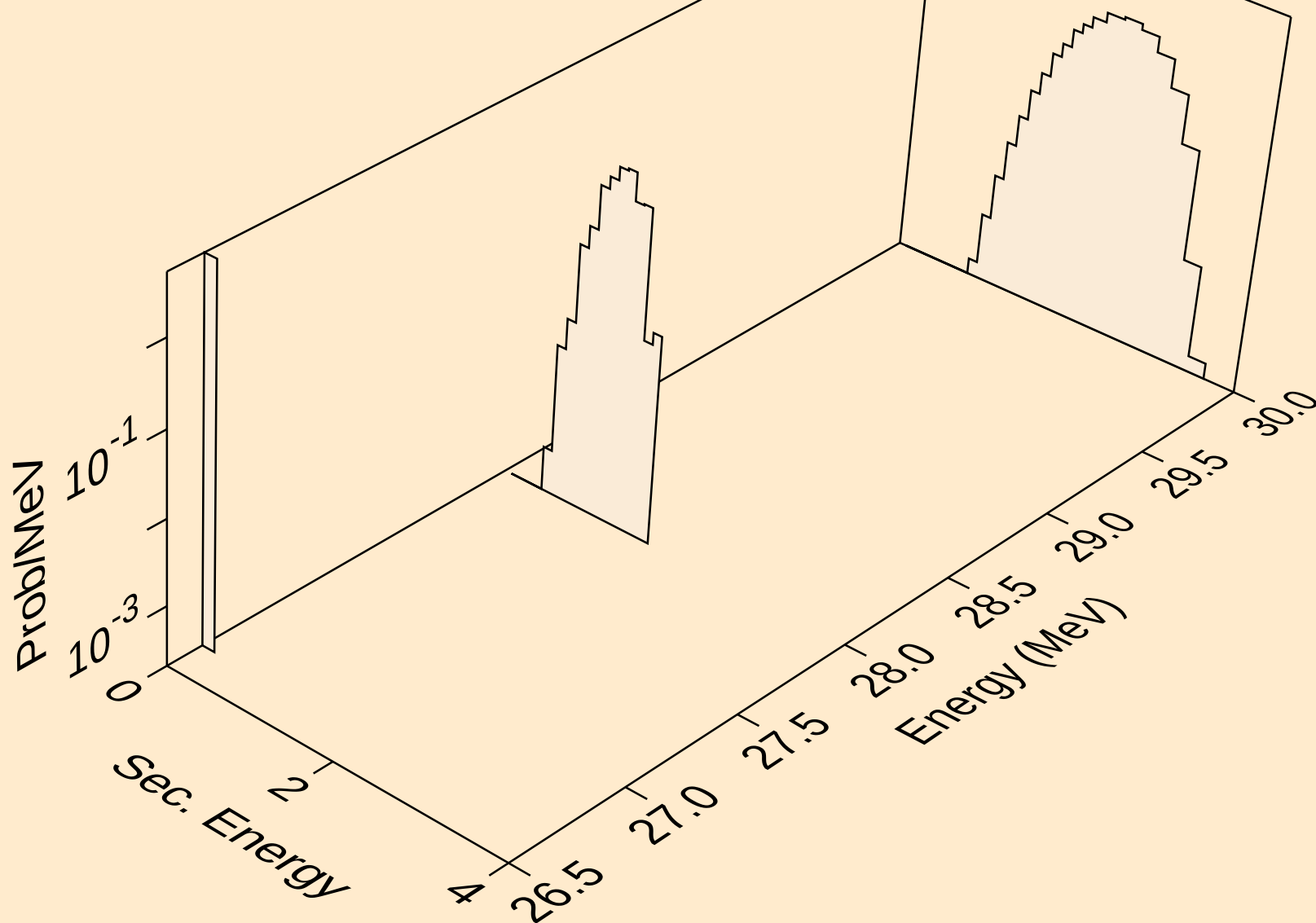
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protons from (n,n\*)p



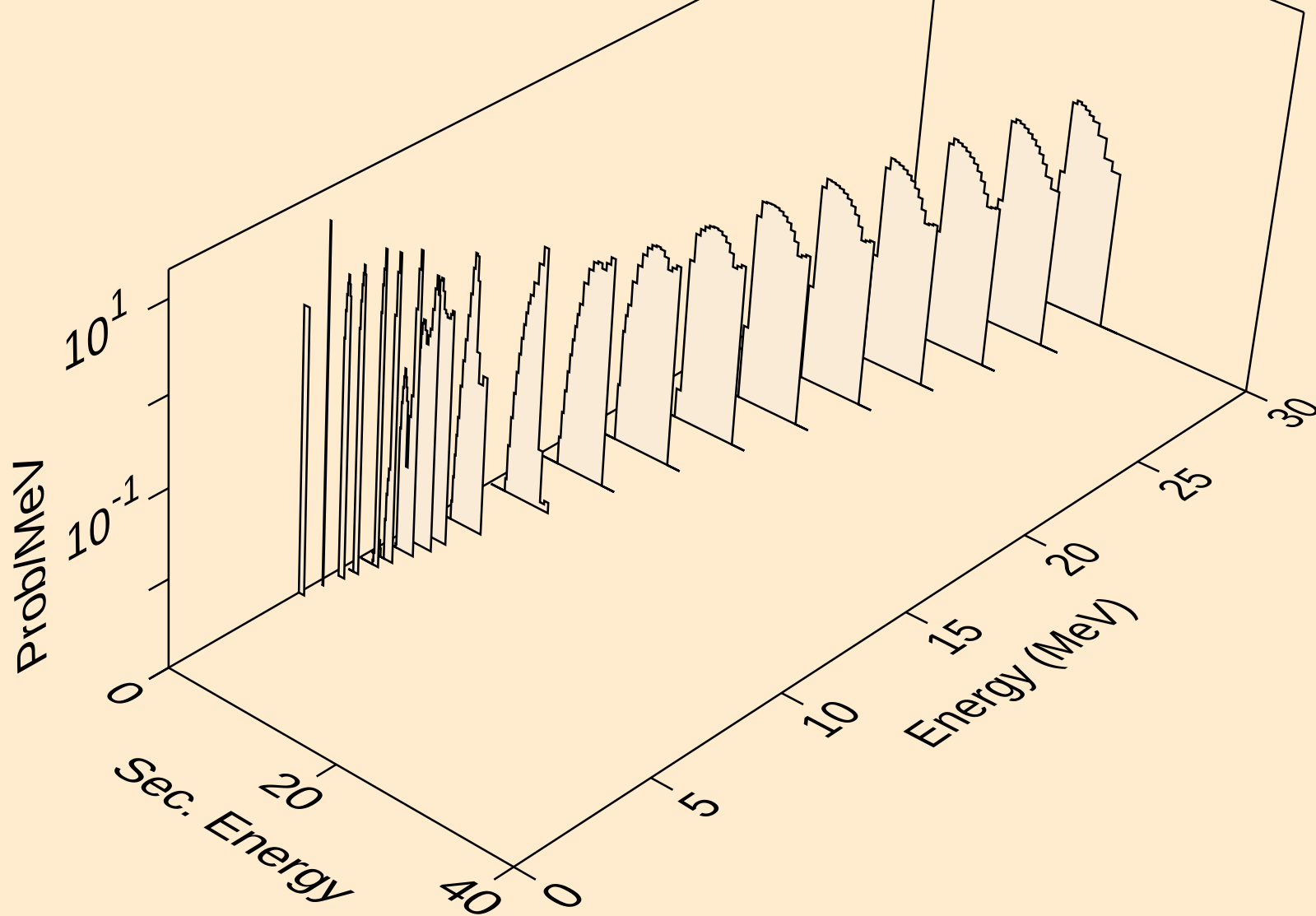
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protons from (n,2np)



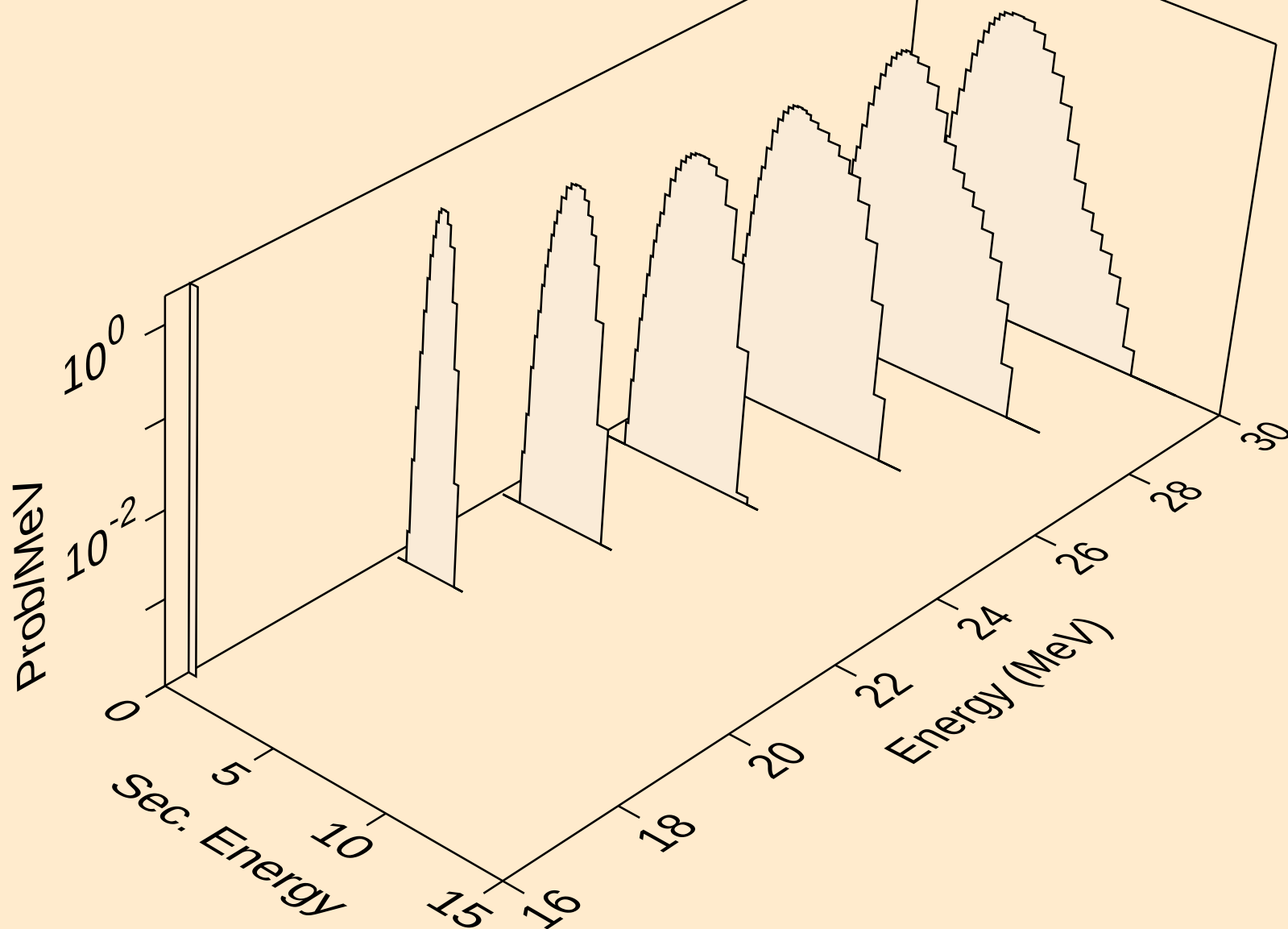
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protons from (n,3np)



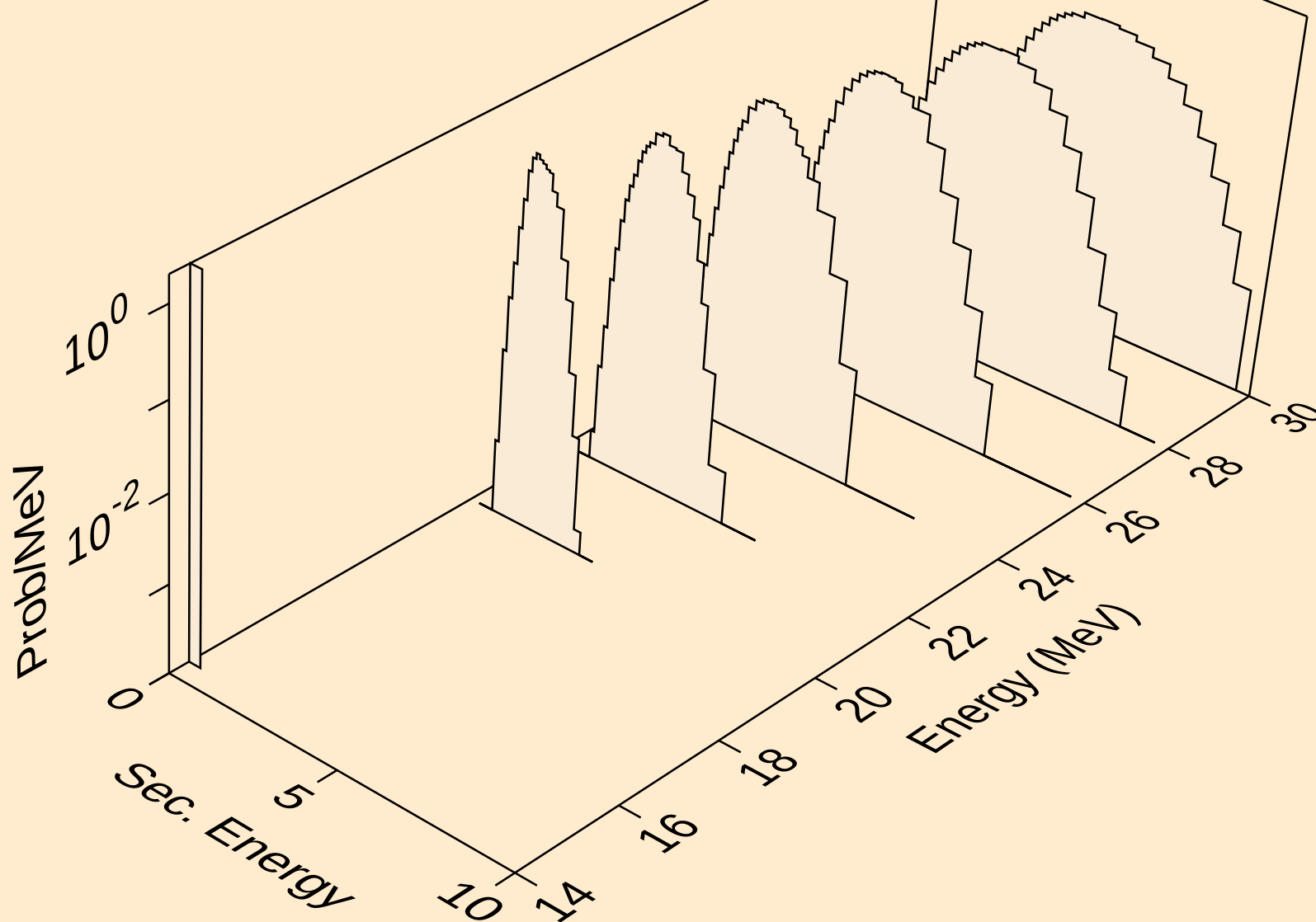
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protons from (n,p)



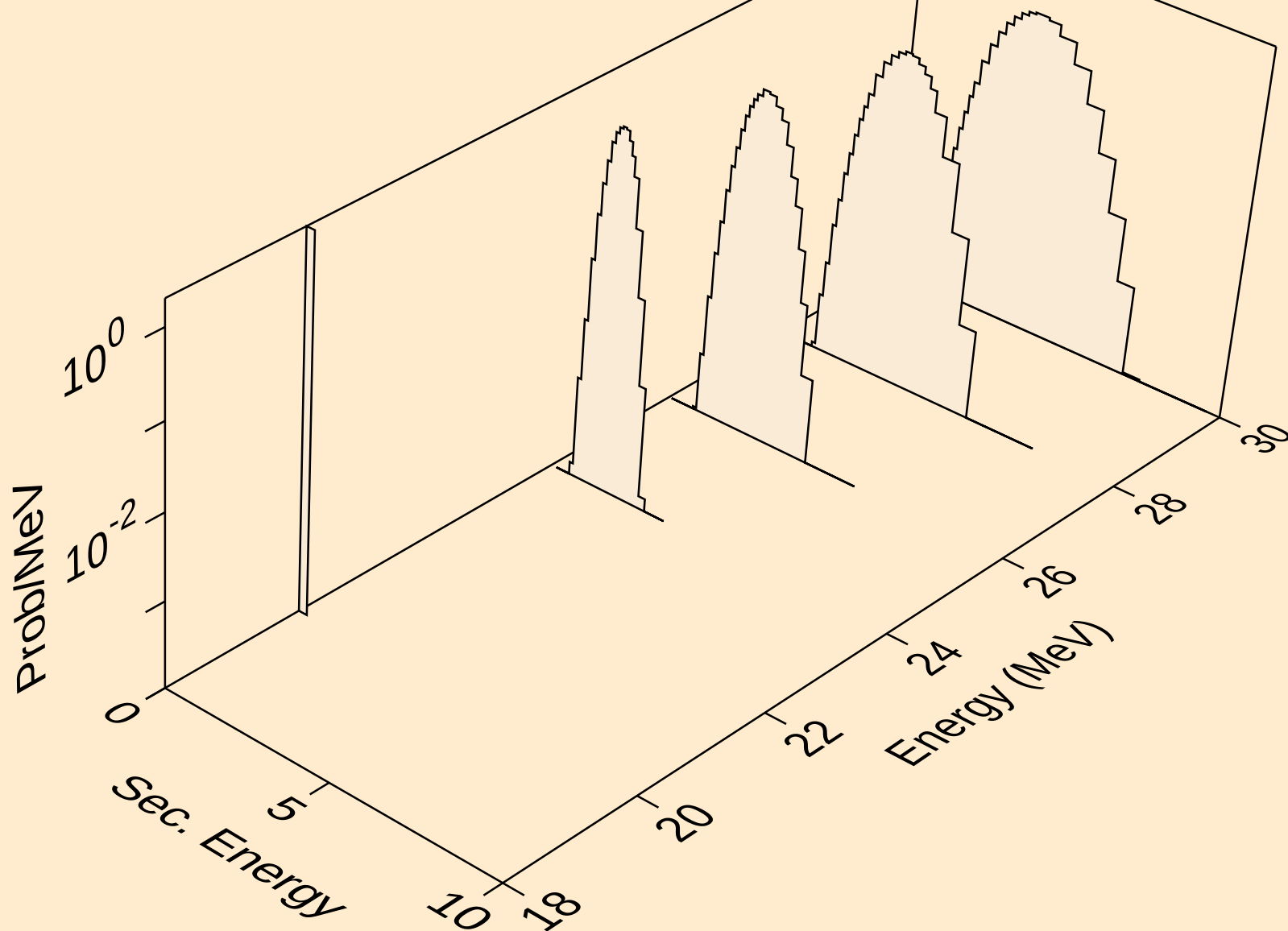
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protons from (n,2p)



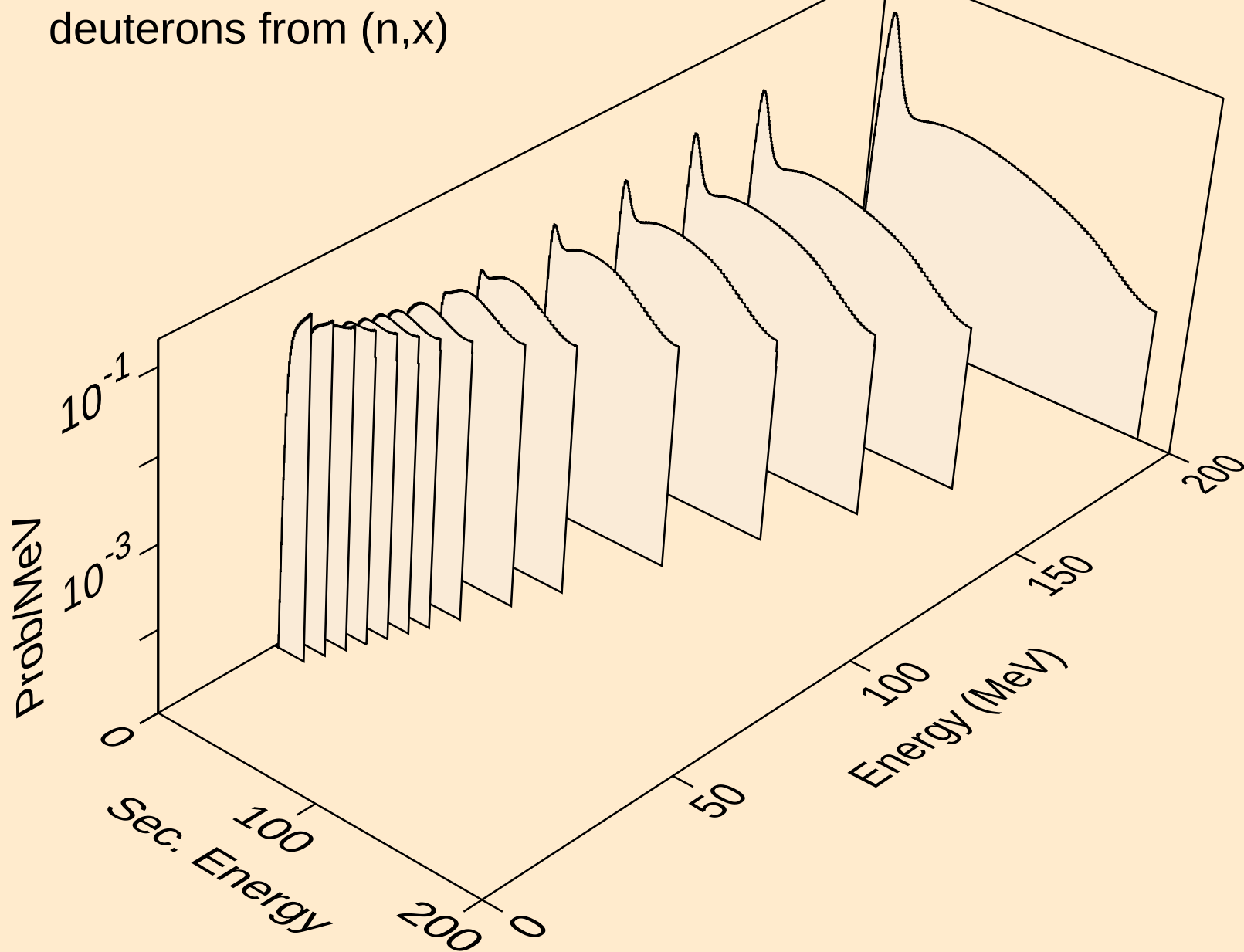
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protons from (n,p)



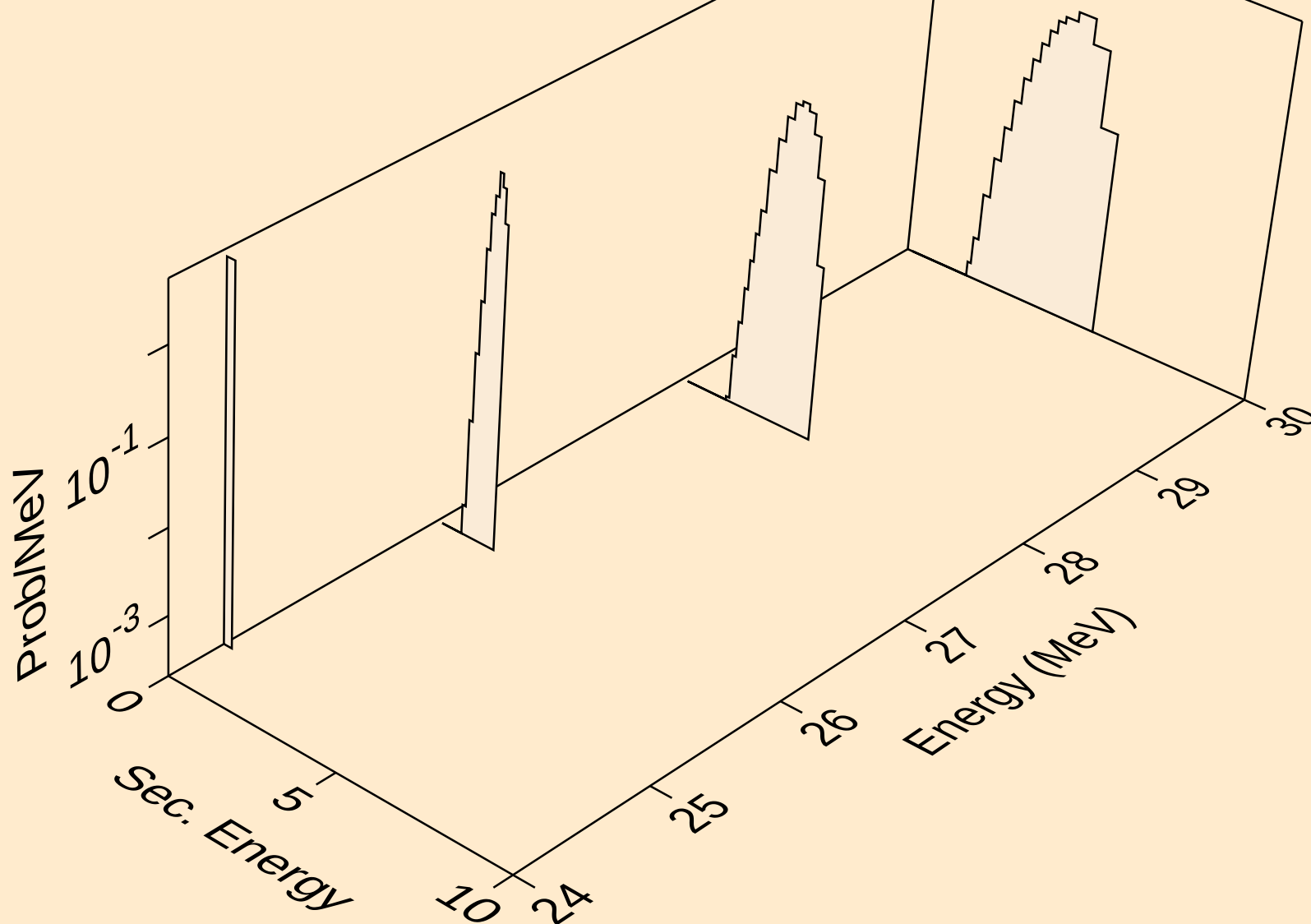
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protons from (n,pt)



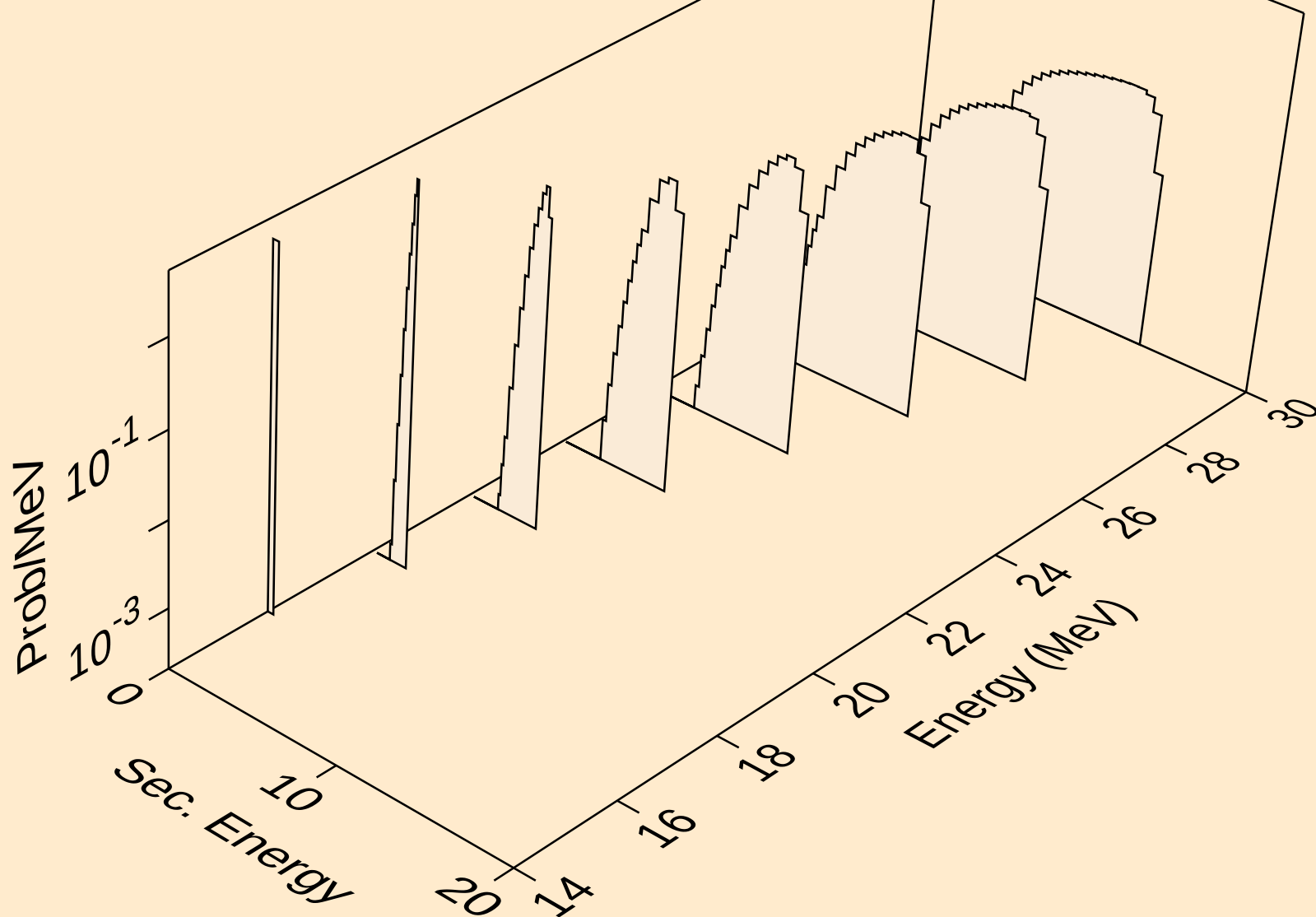
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



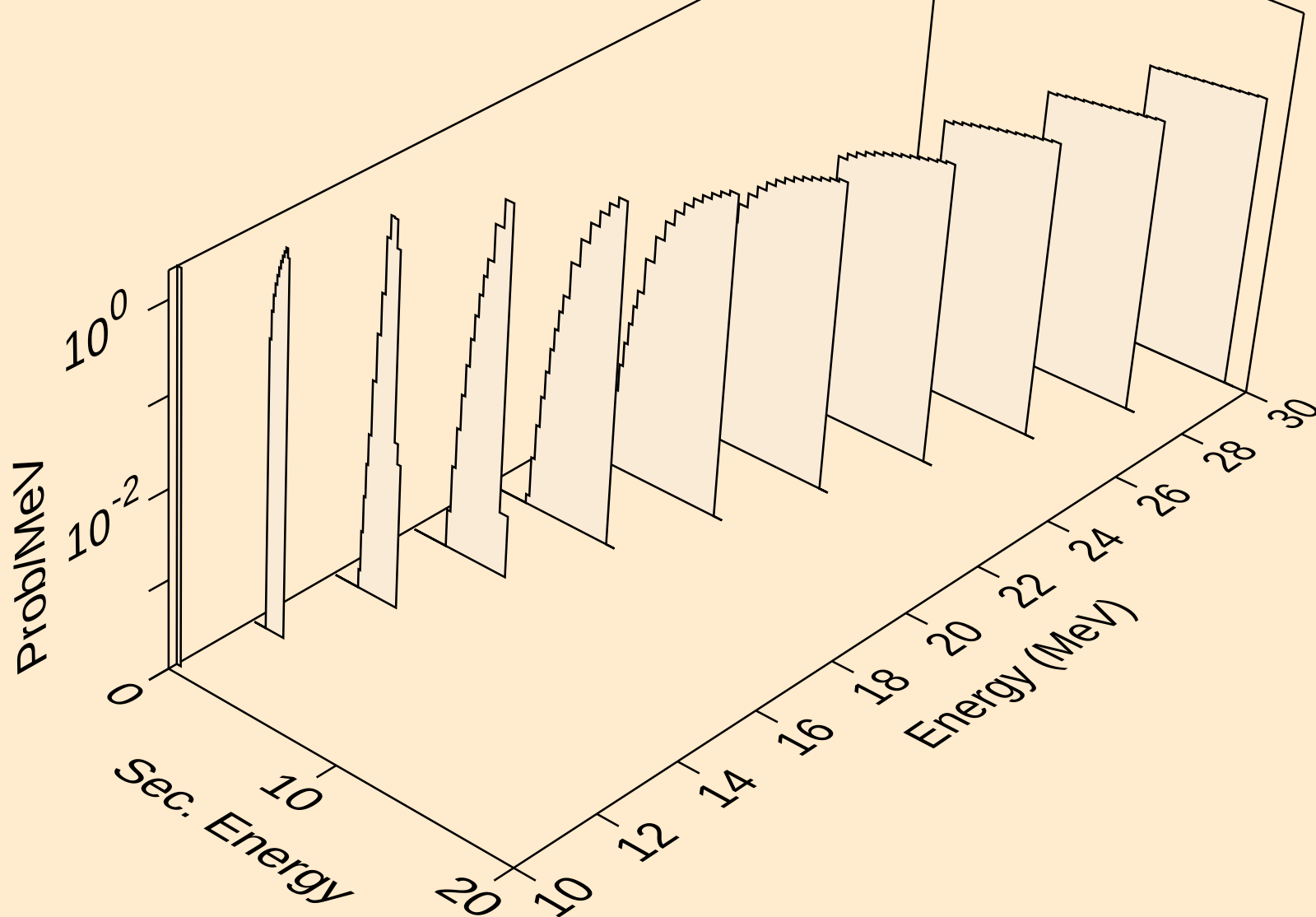
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deuterons from (n,2nd)



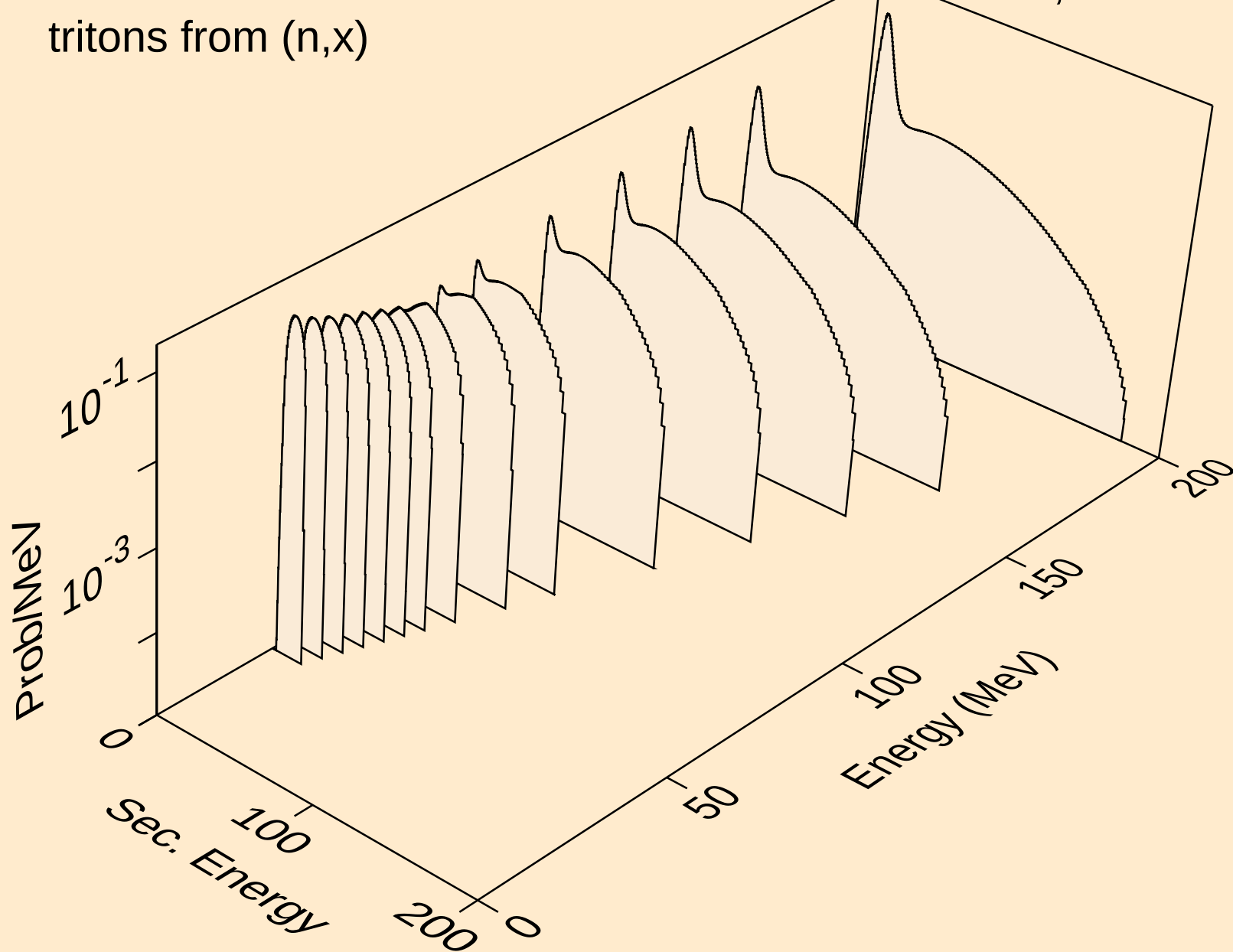
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



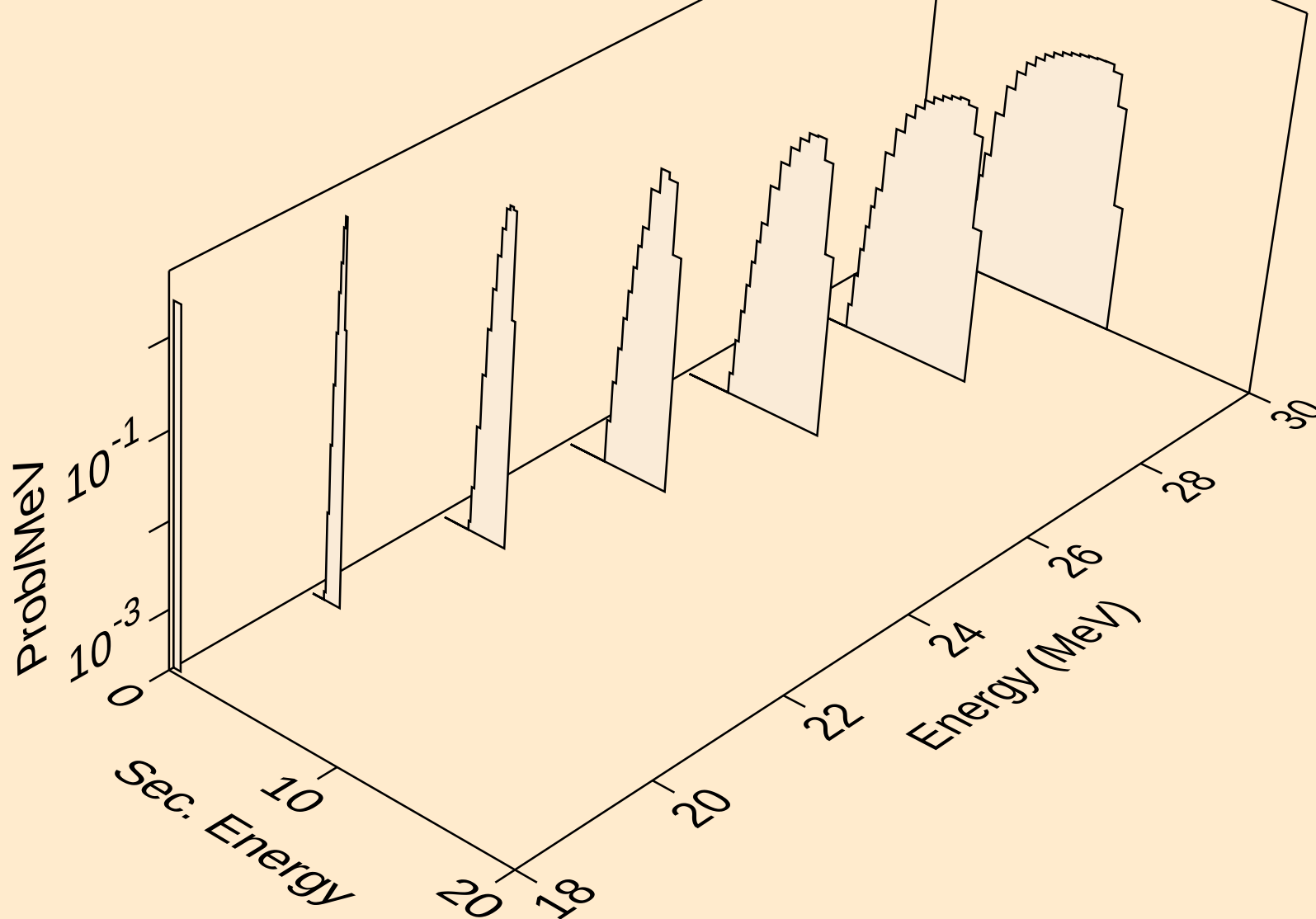
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deuterons from (n,d)



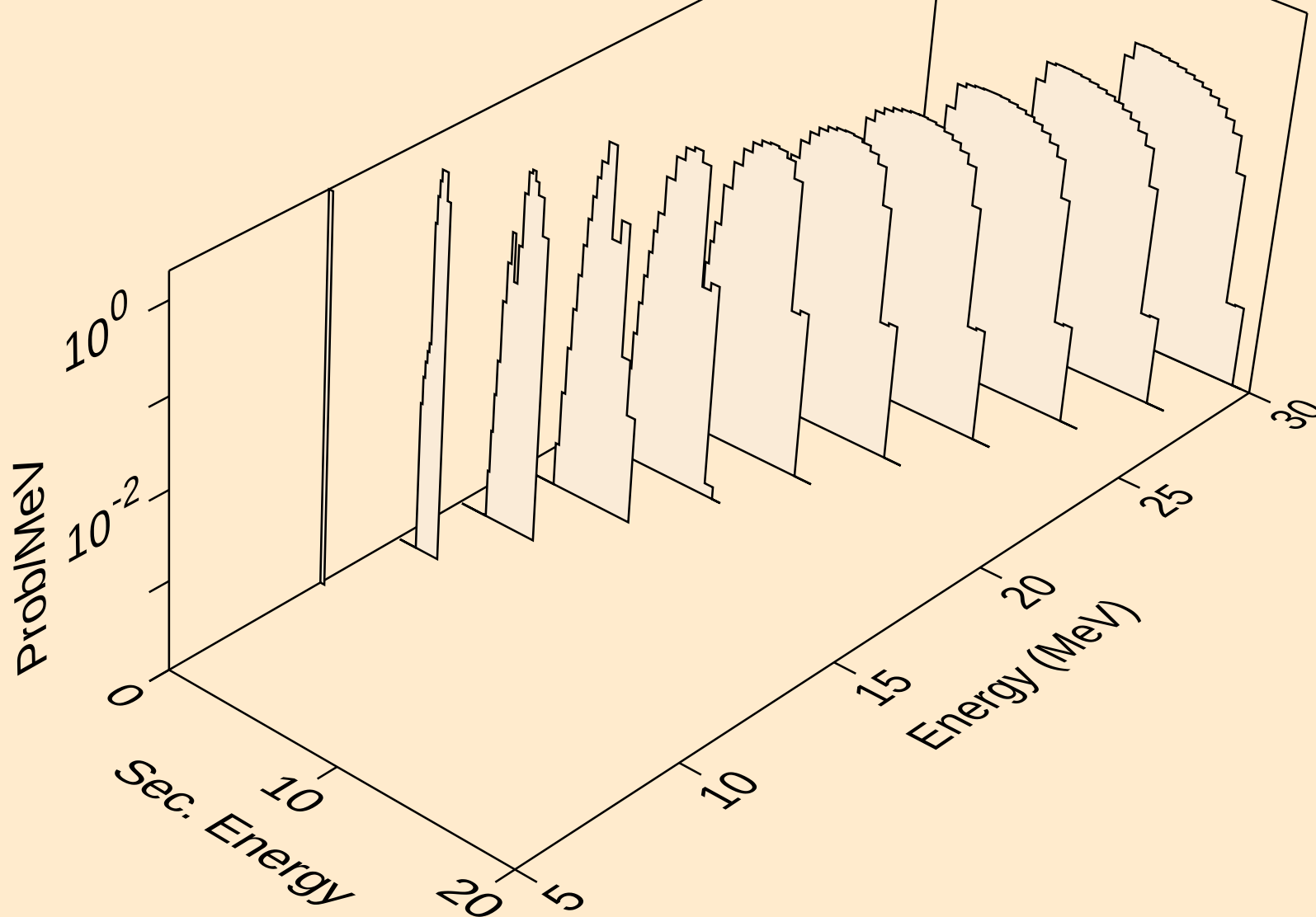
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



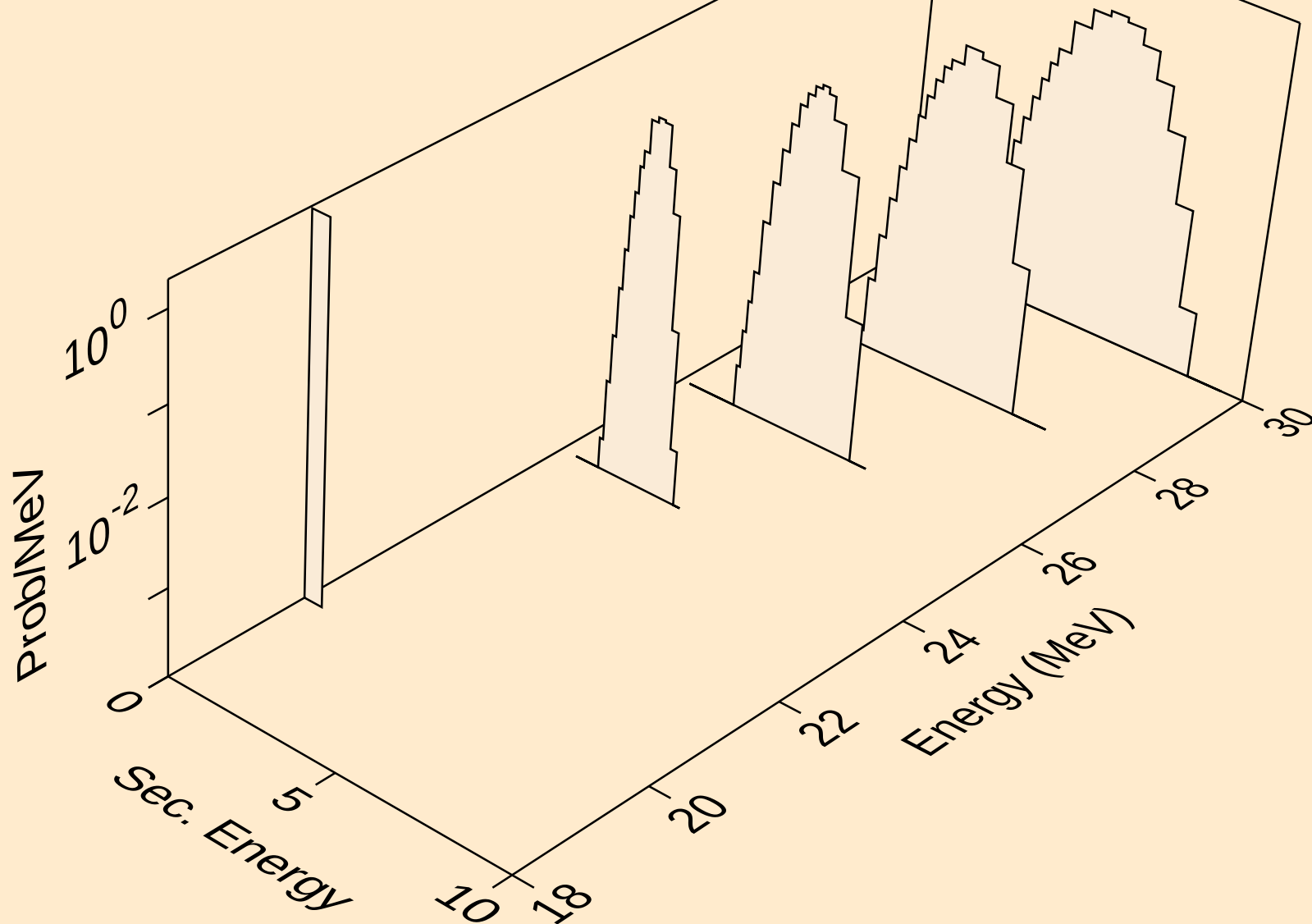
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



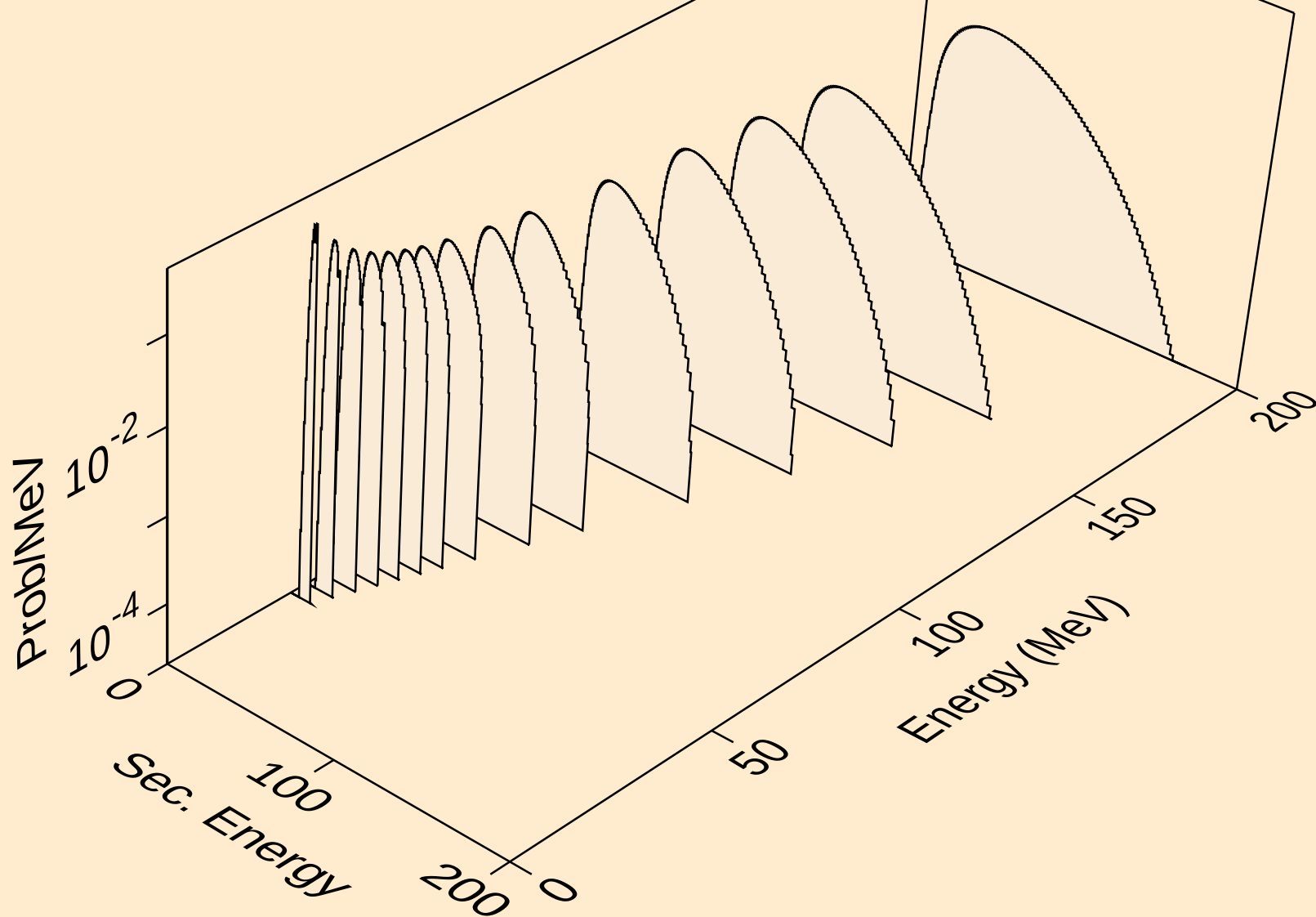
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tritons from (n,t)



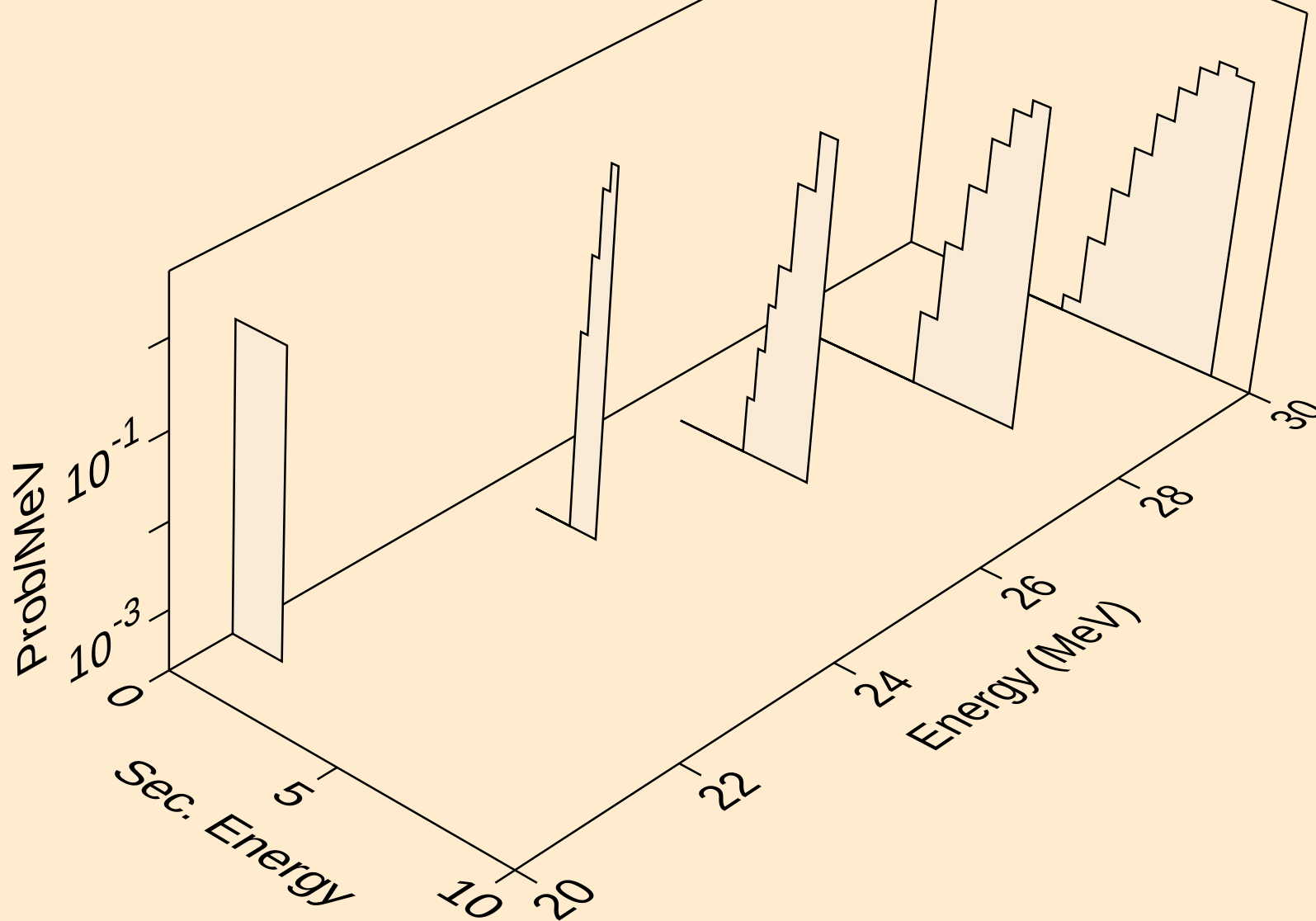
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tritons from (n,pt)



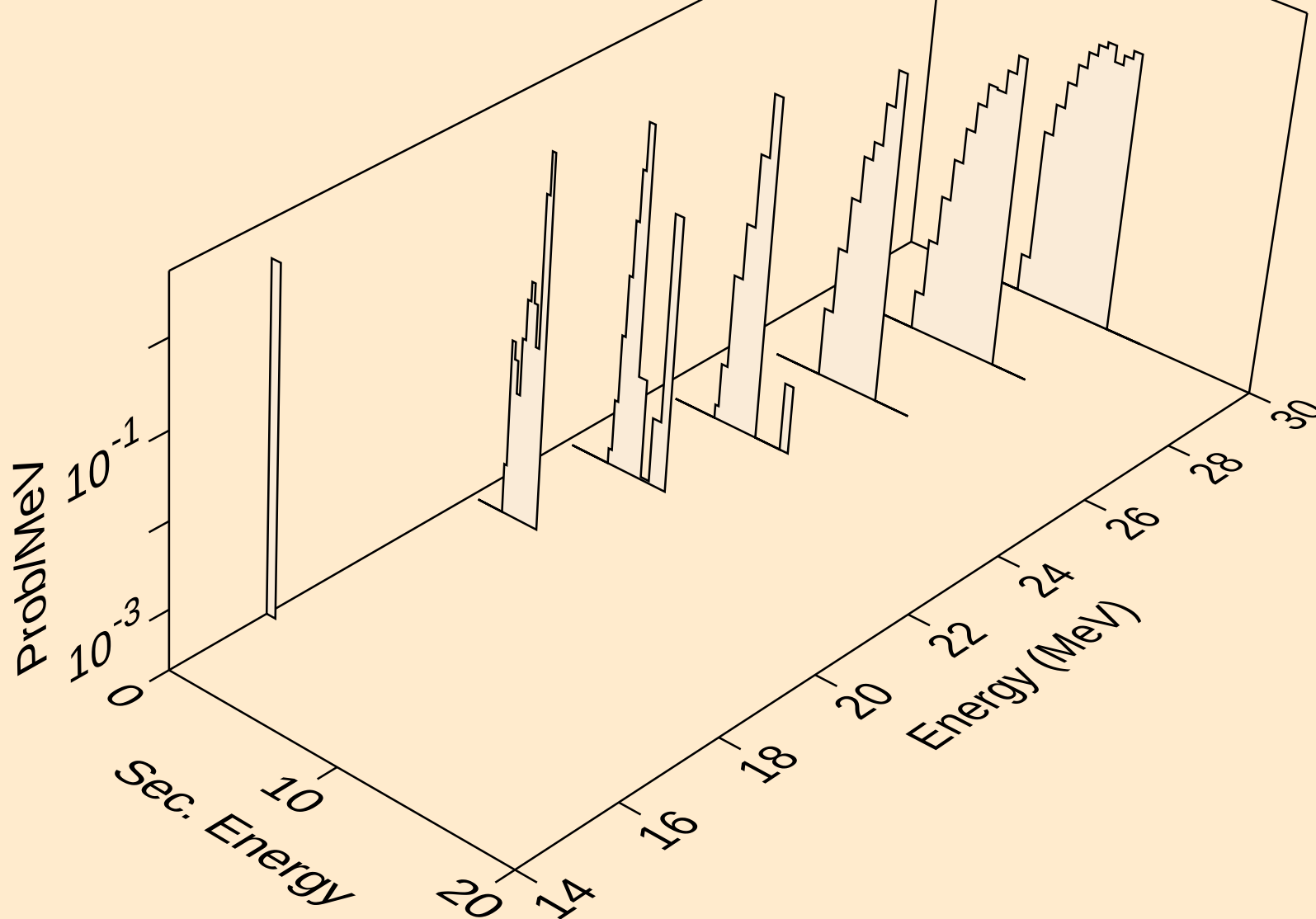
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



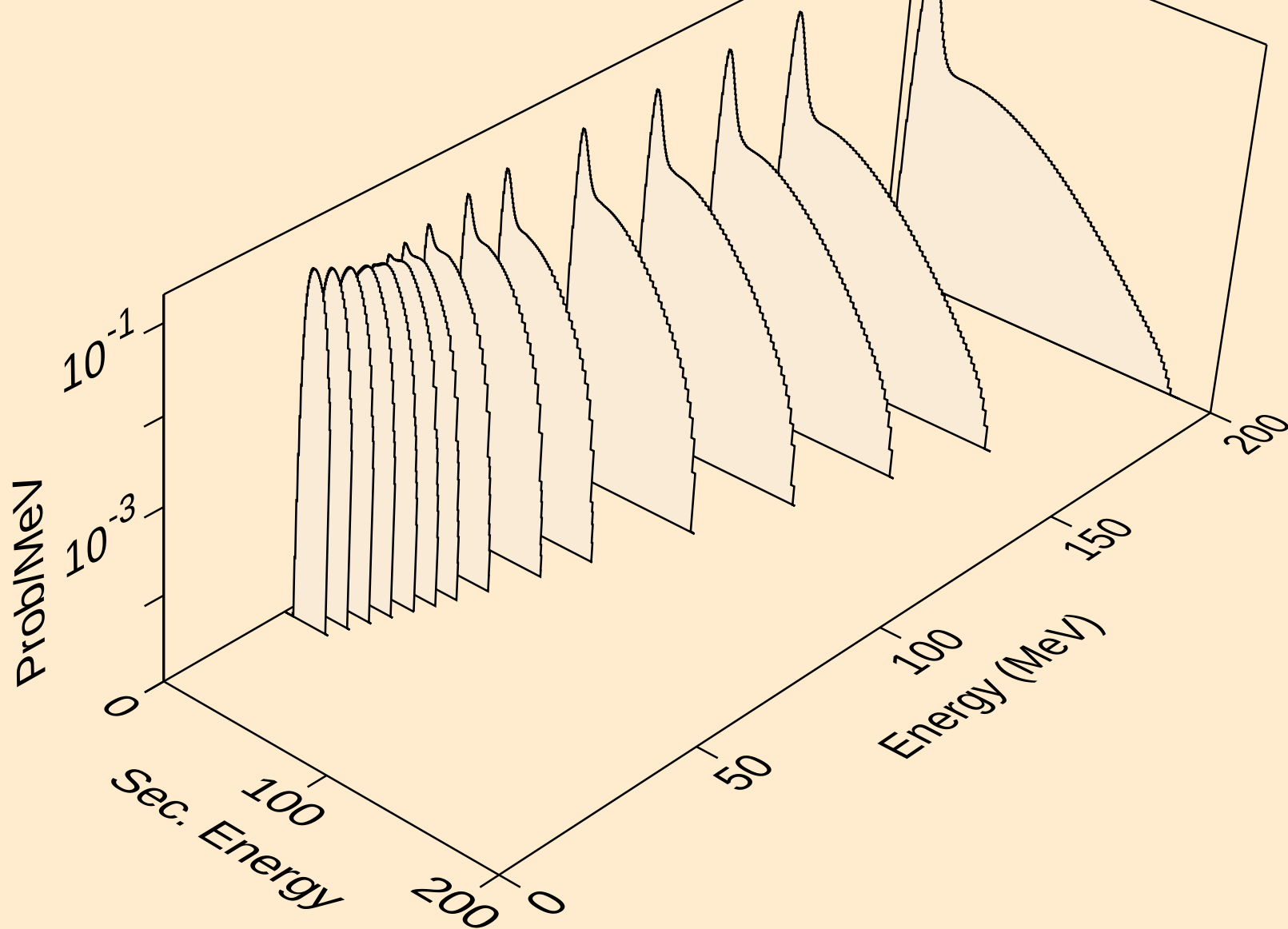
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



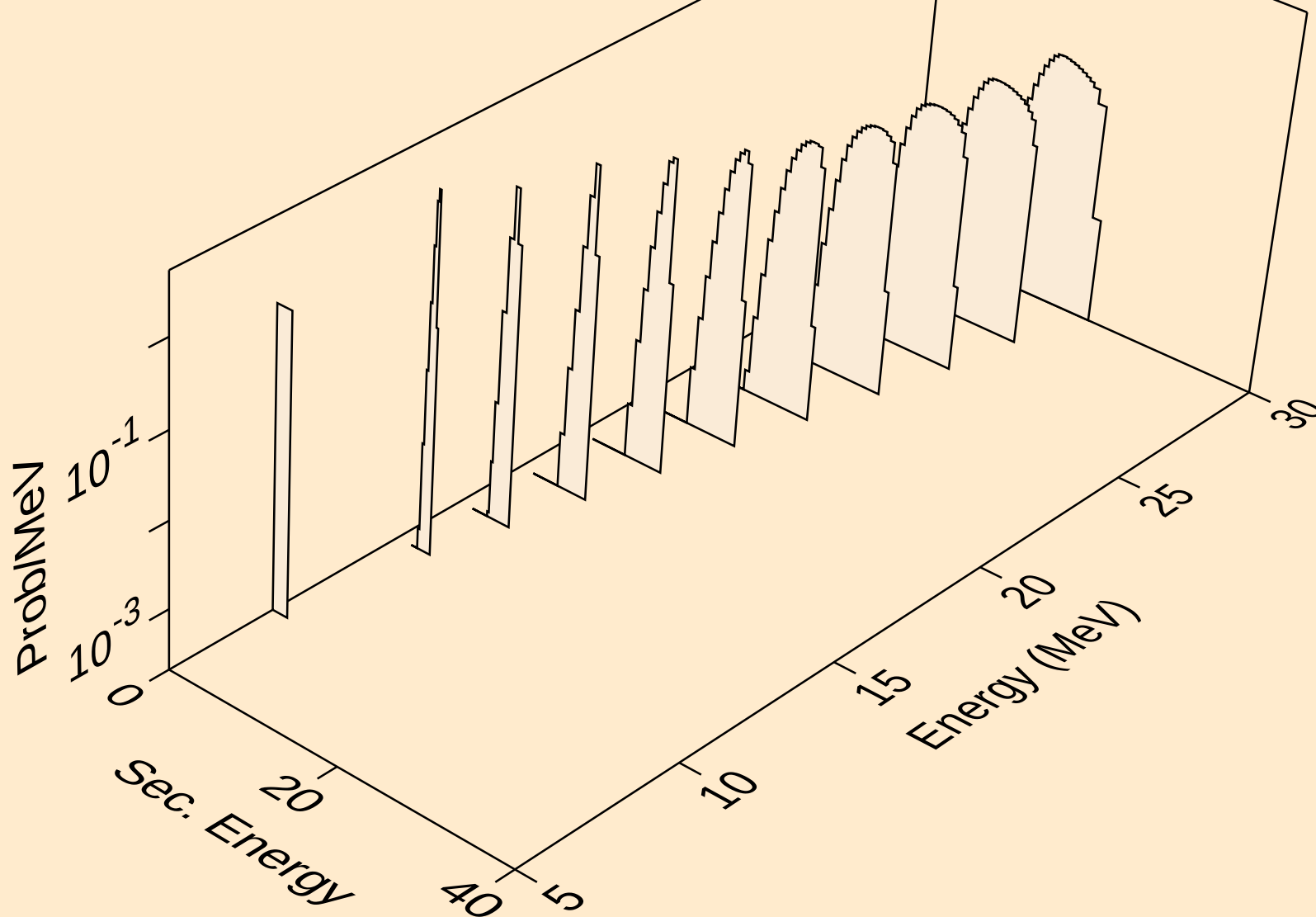
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he3s from (n,he3)



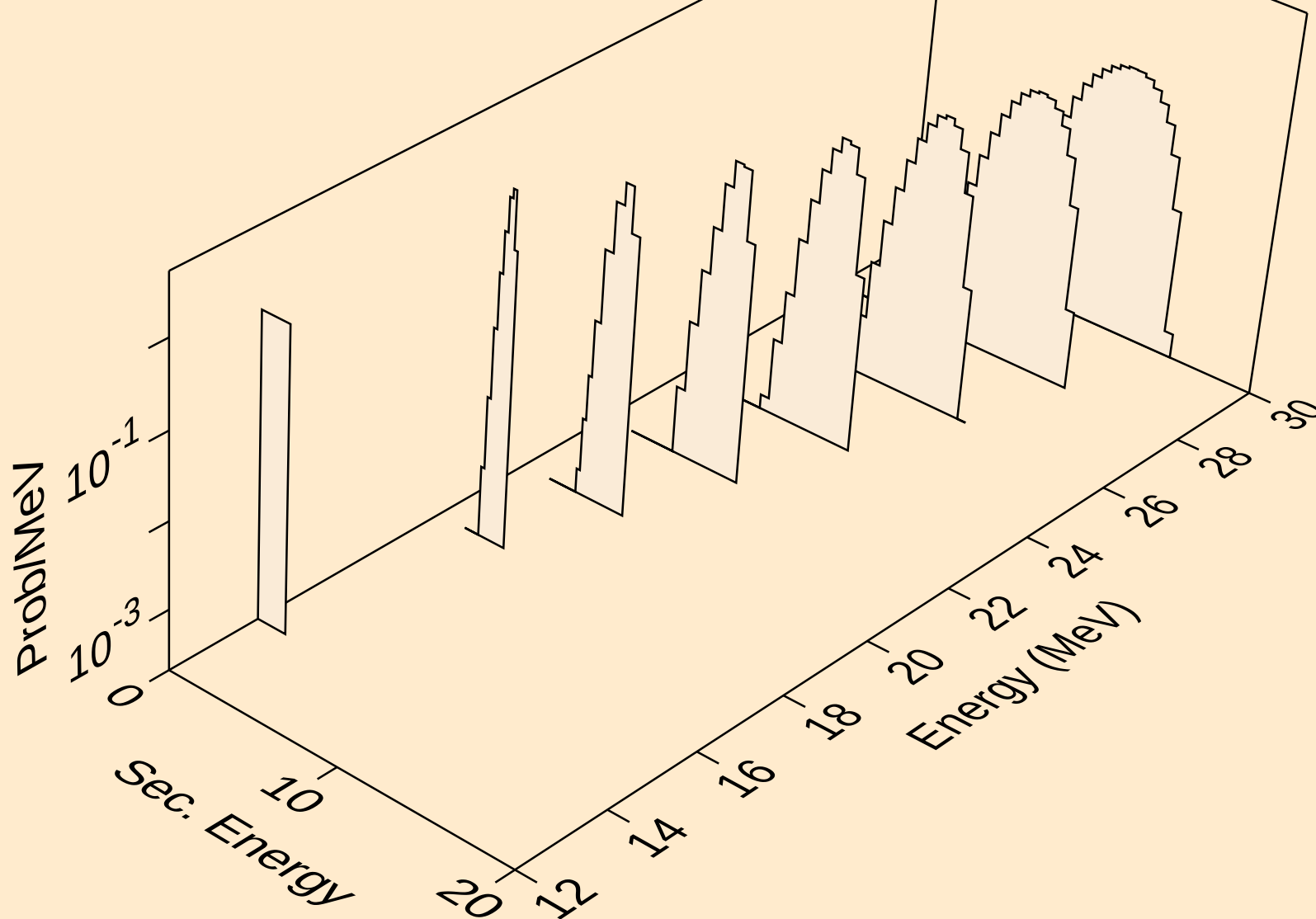
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



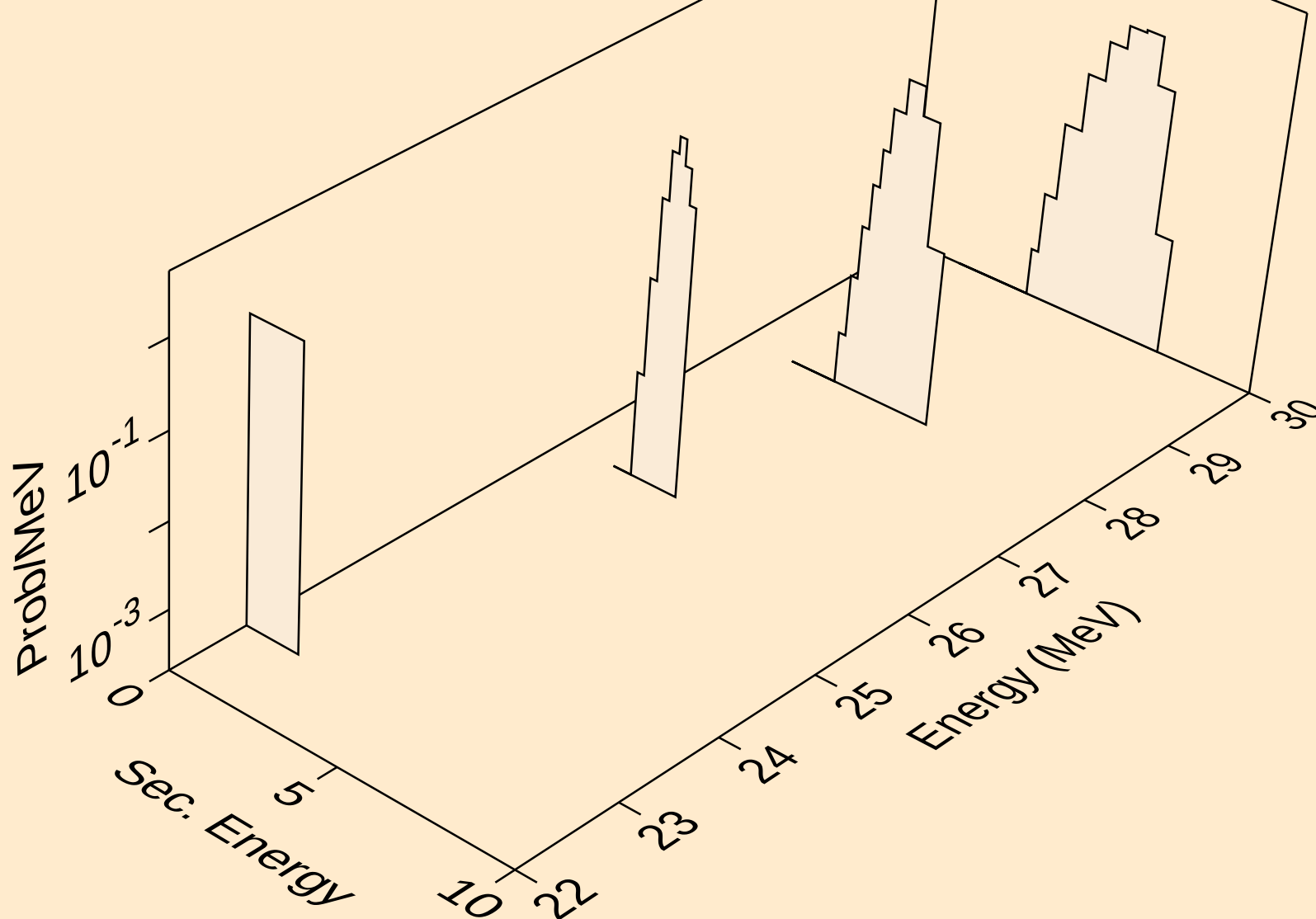
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



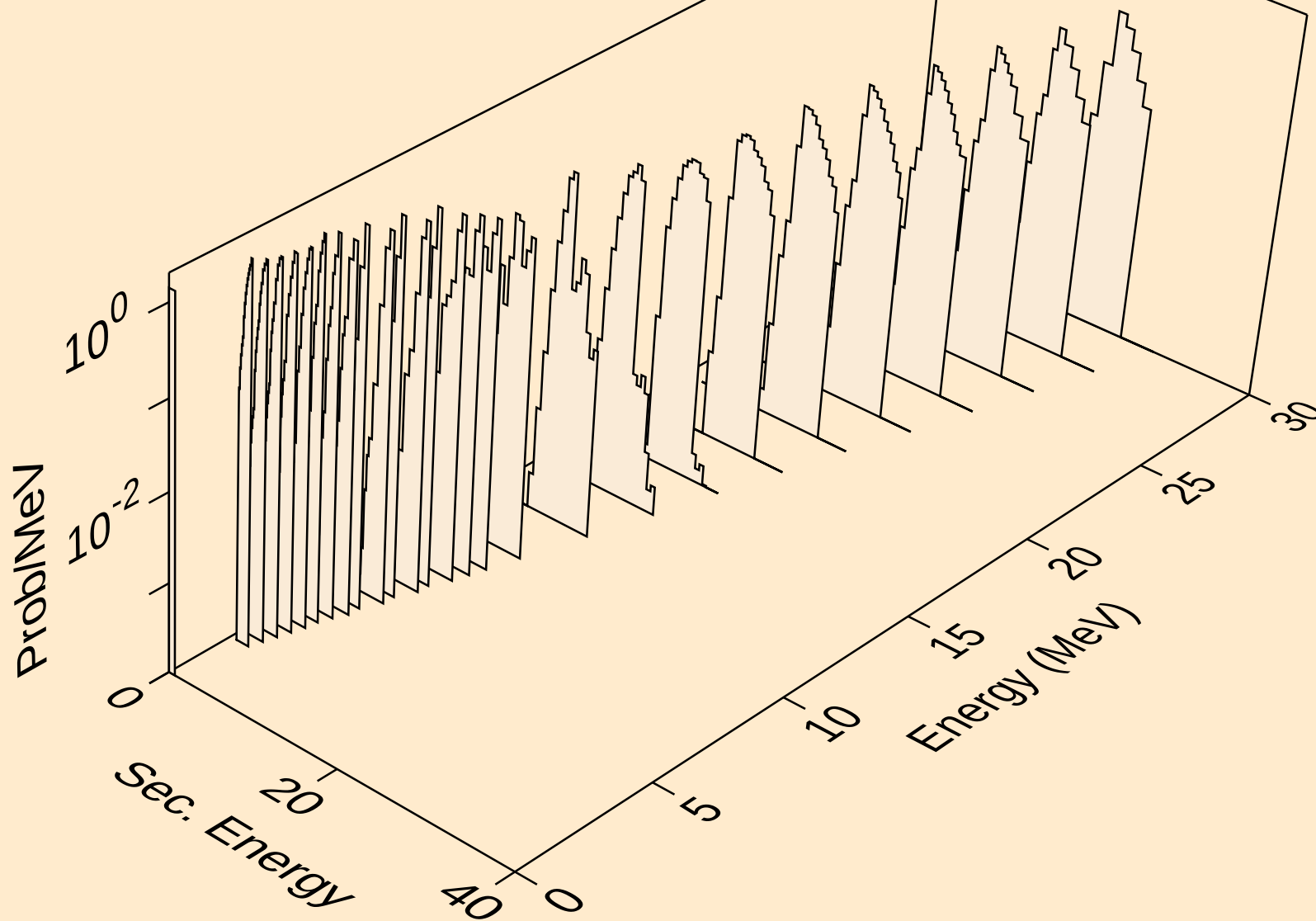
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



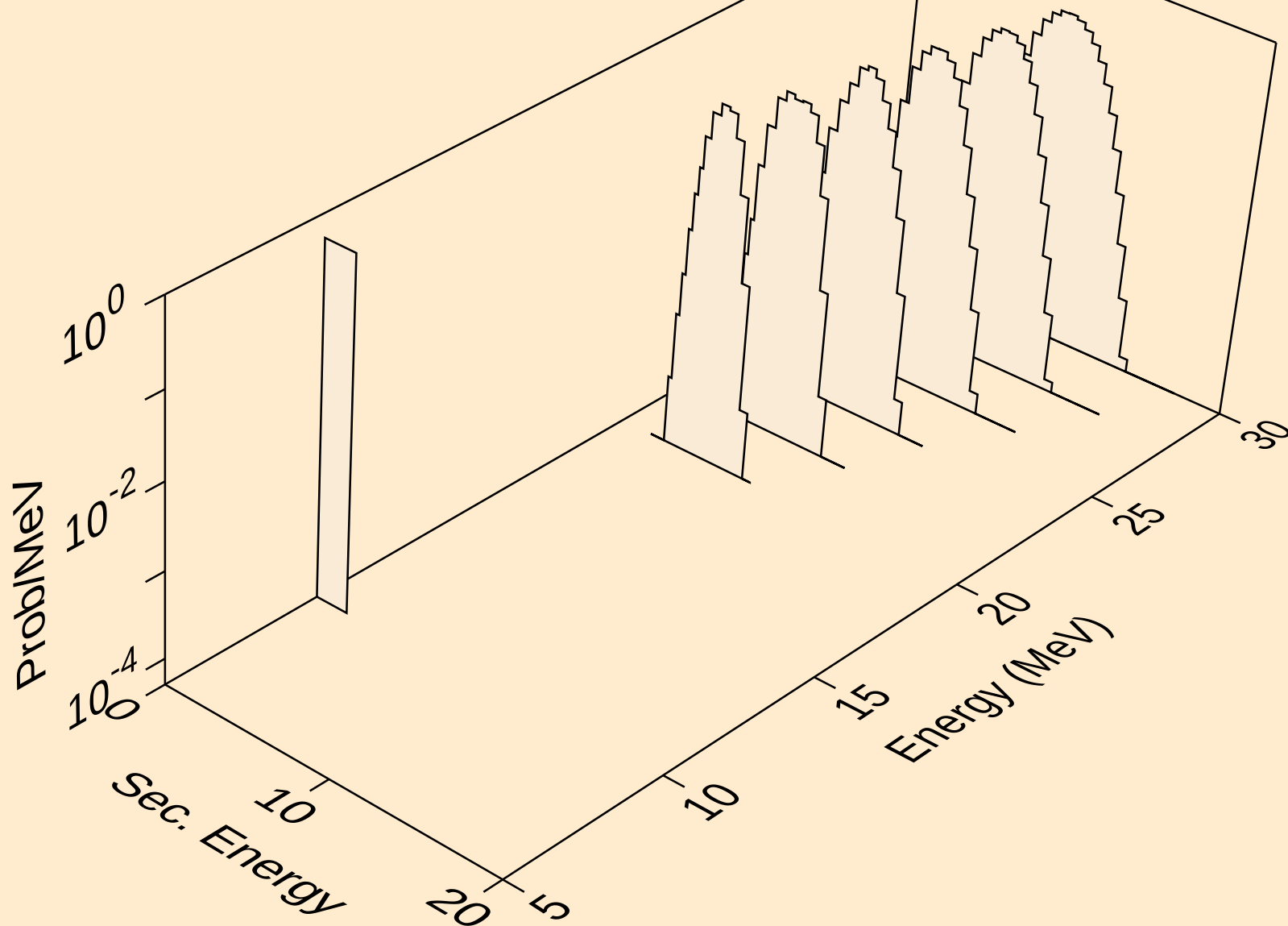
SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



SE083M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)

