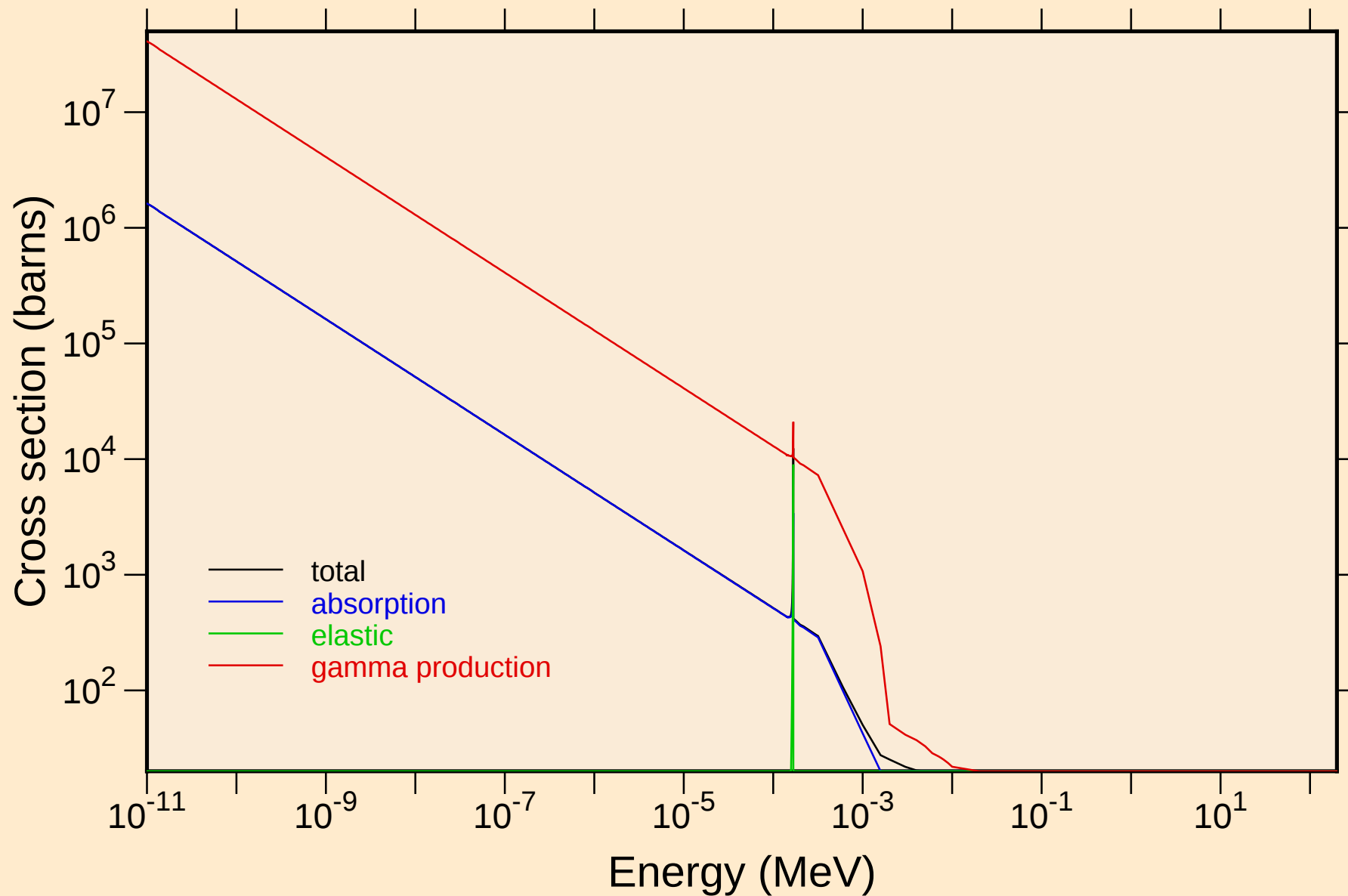


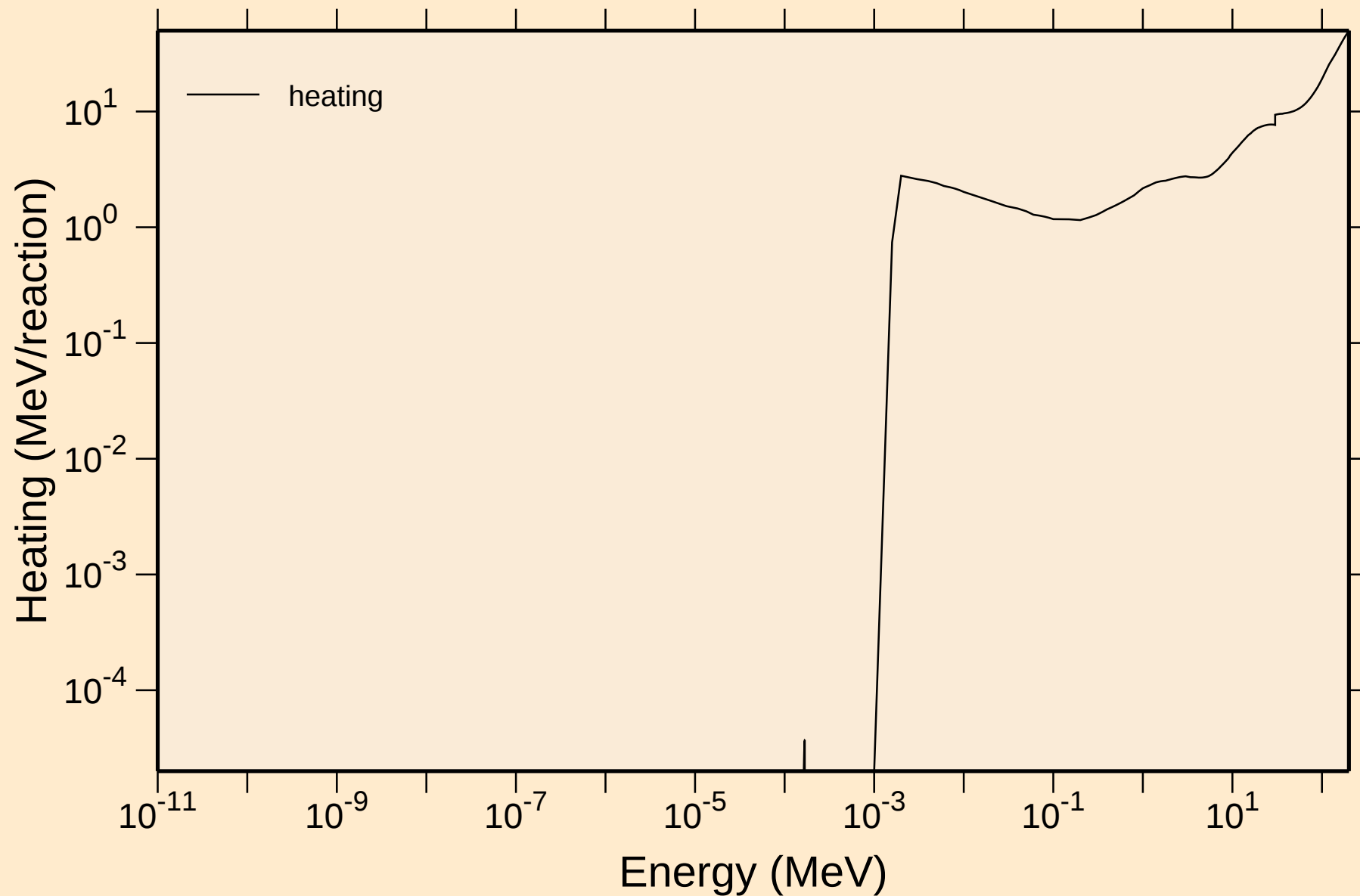
# GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



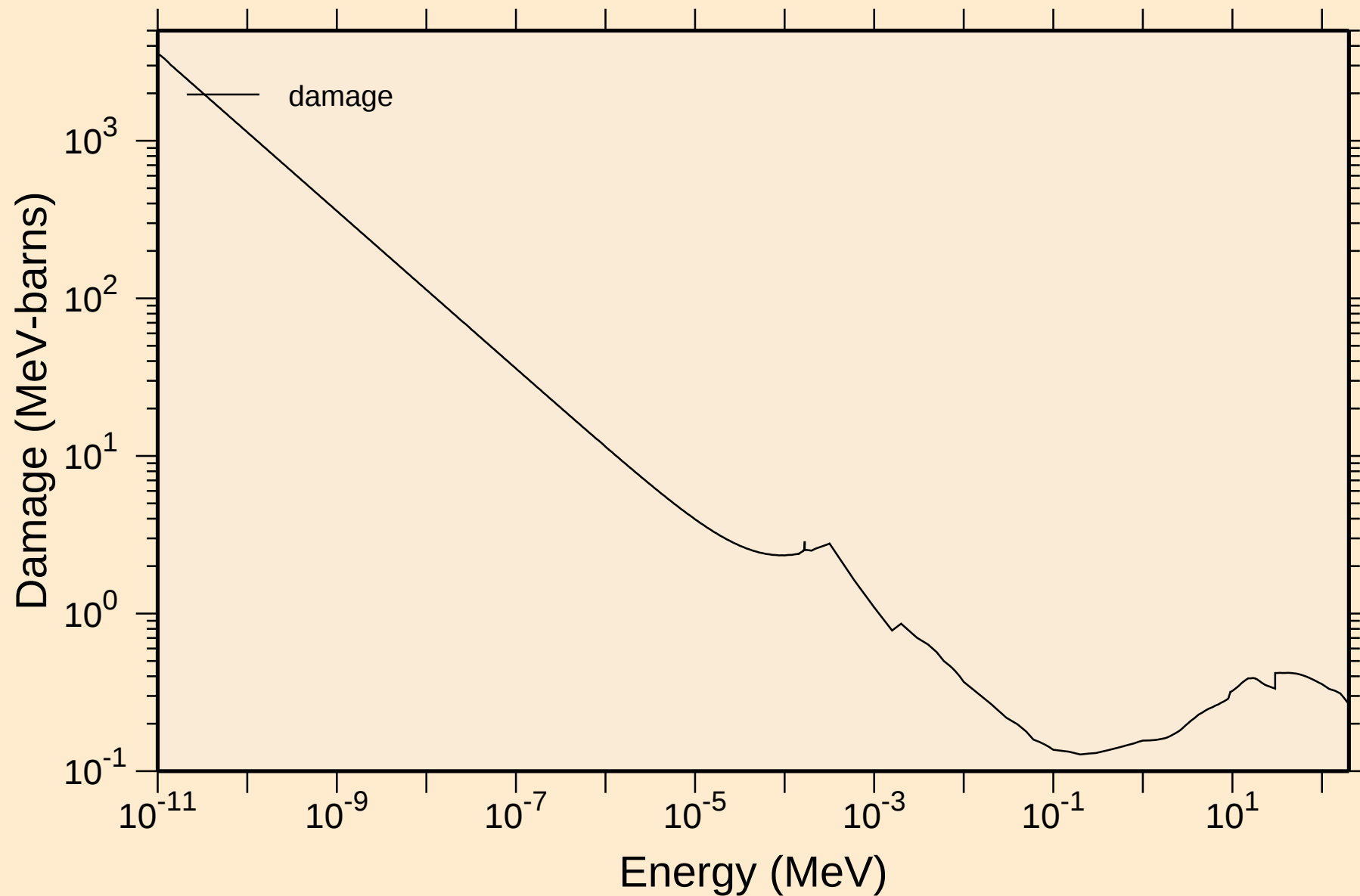
# GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating



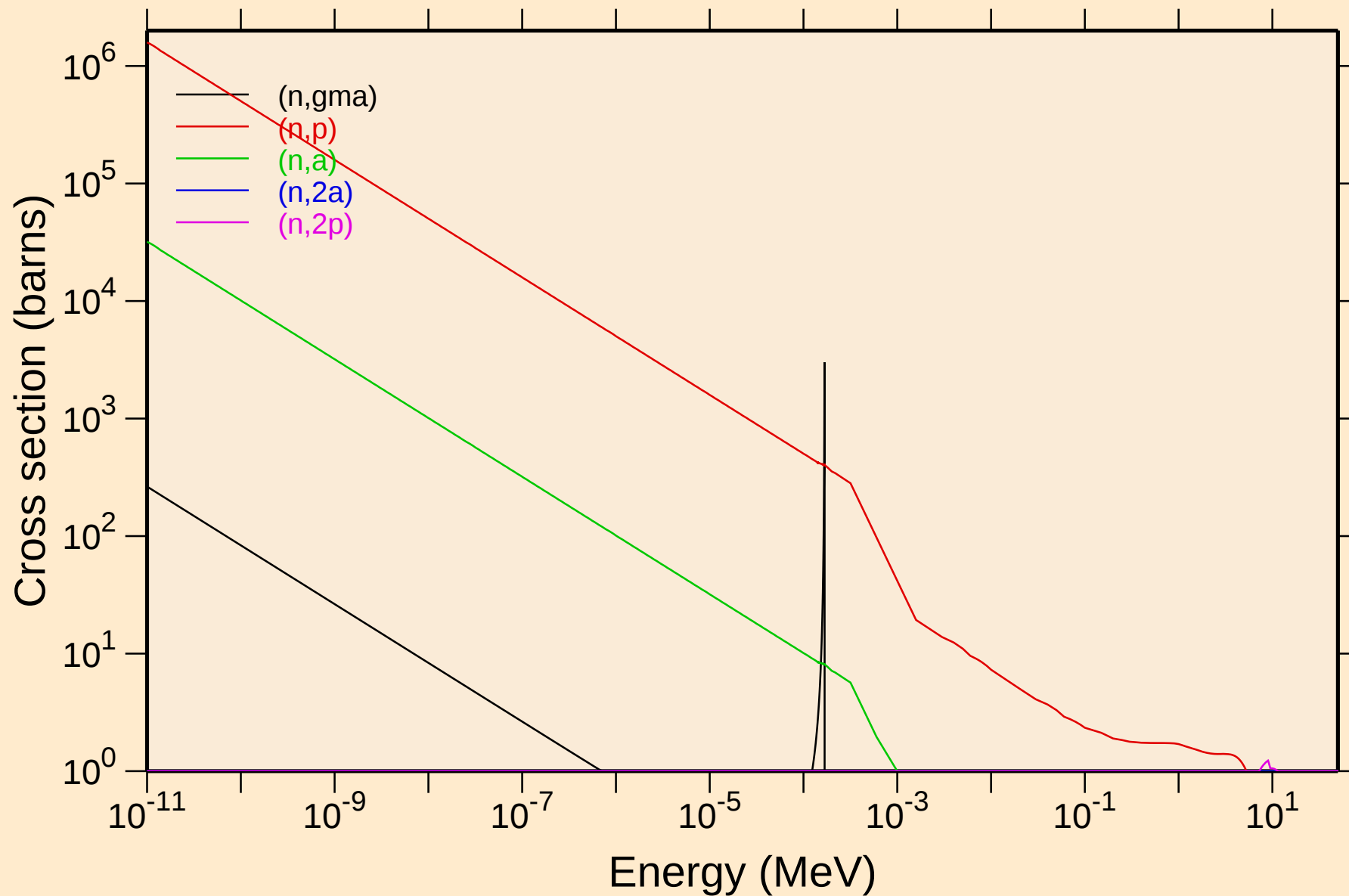
# GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Damage

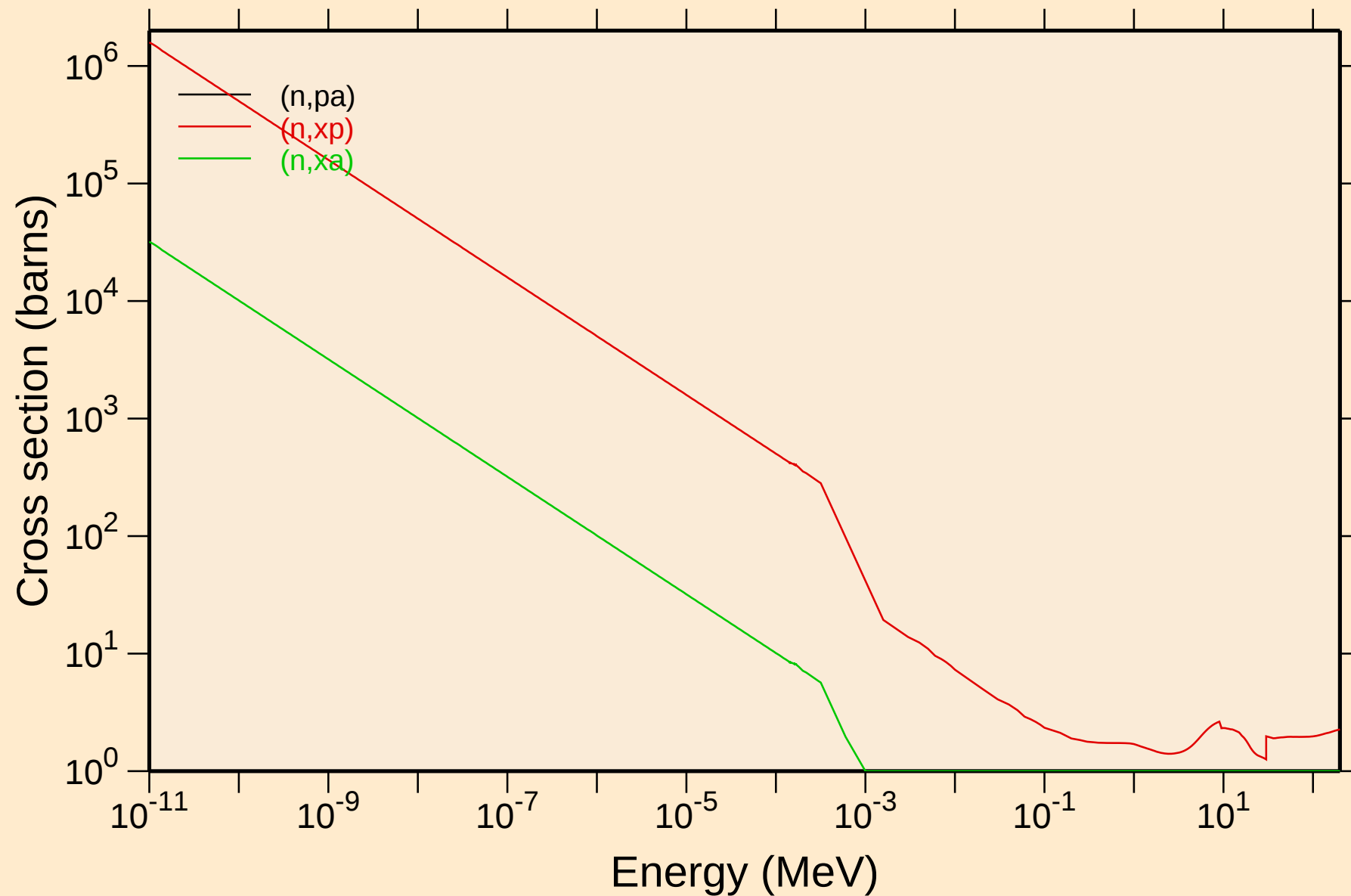


# GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

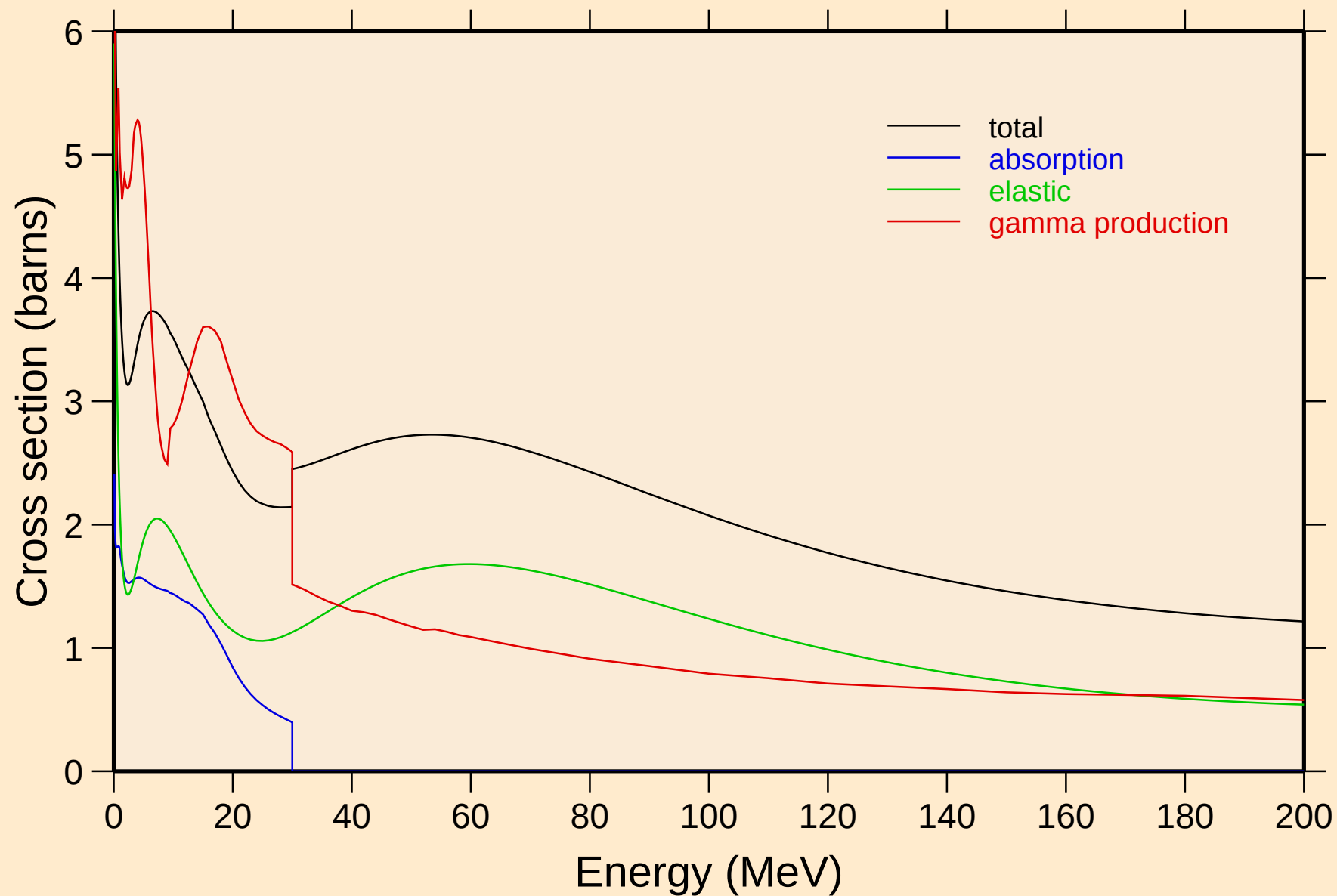


GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



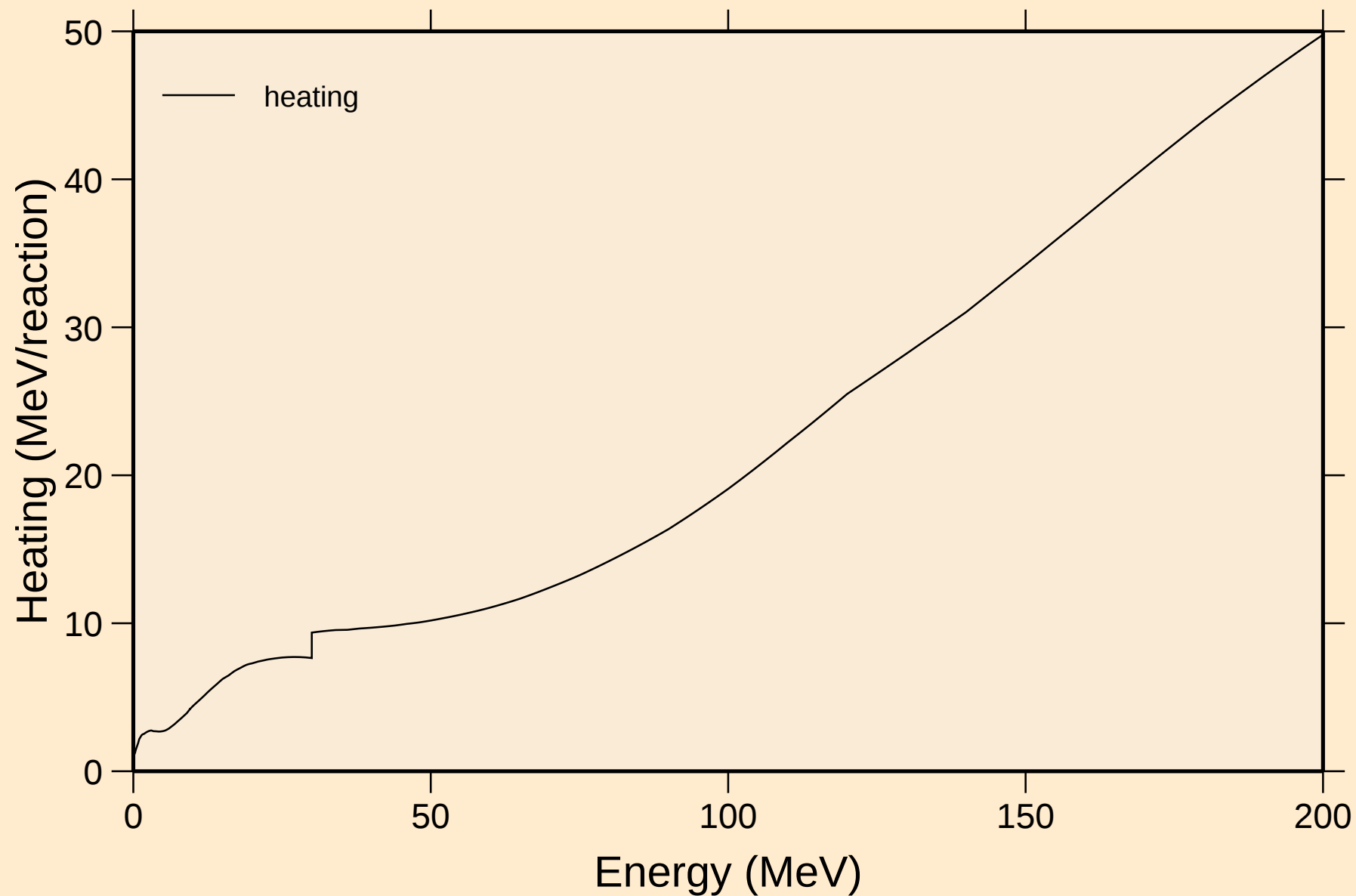
# GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



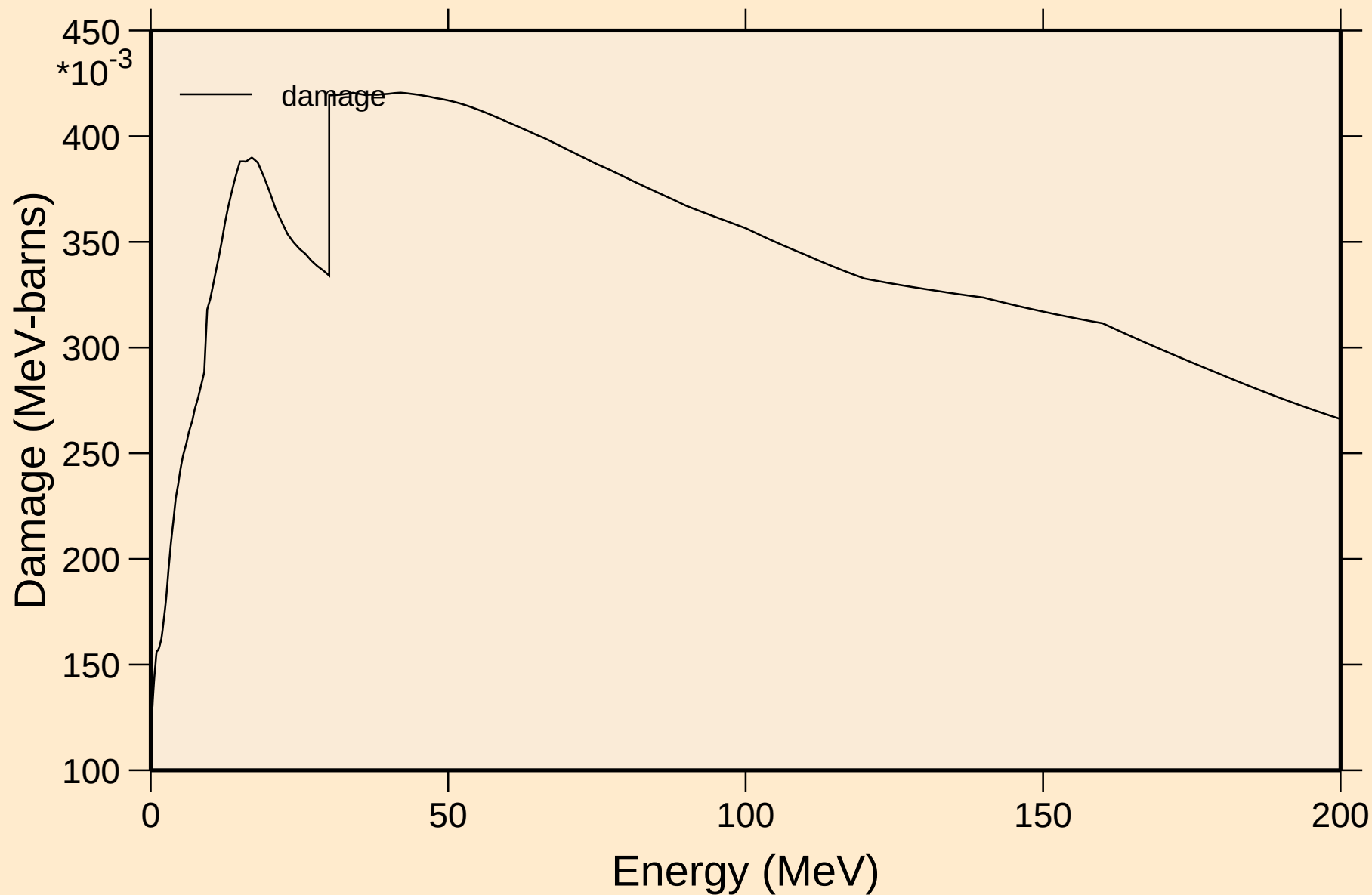
# GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

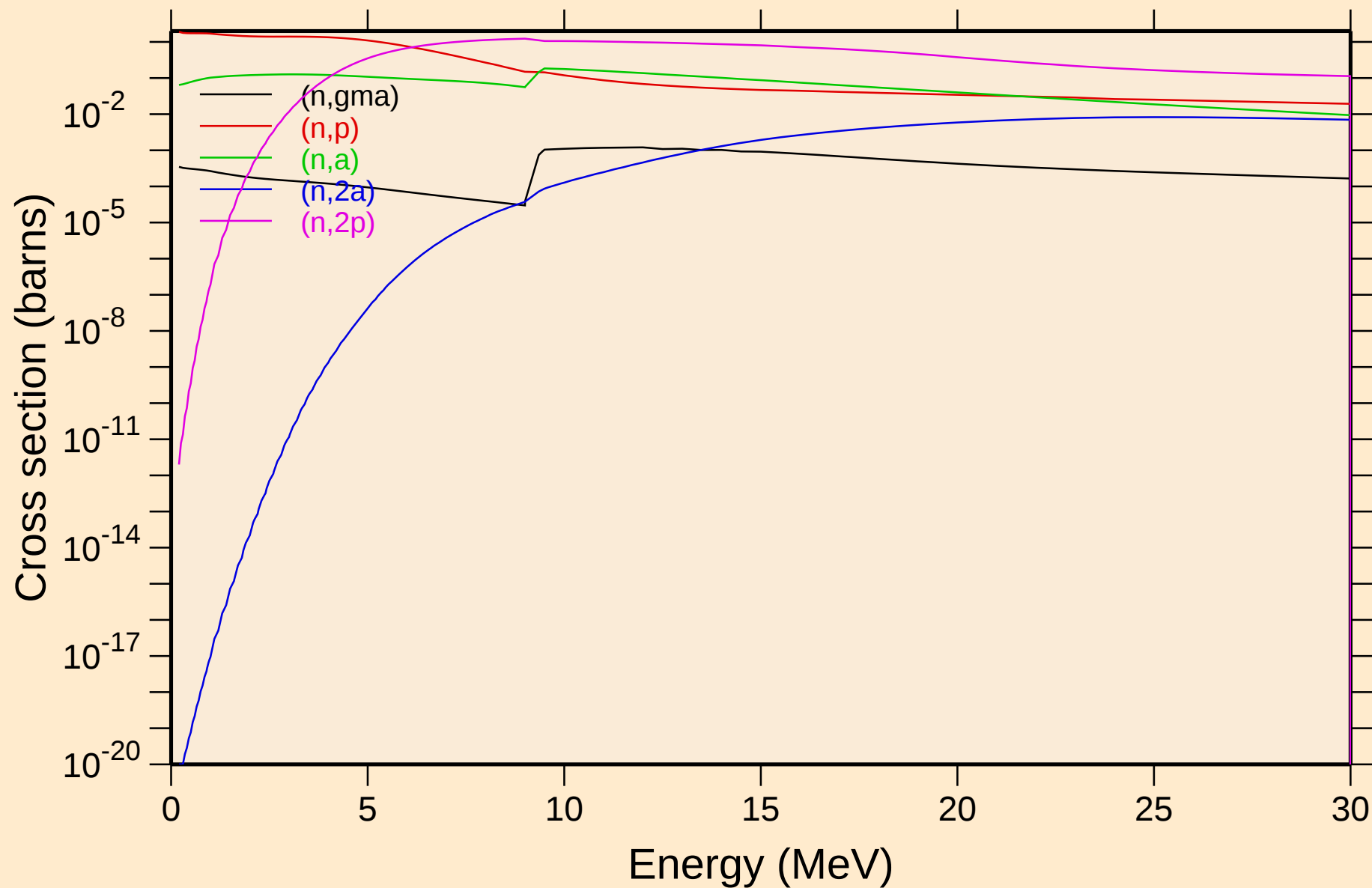


# GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

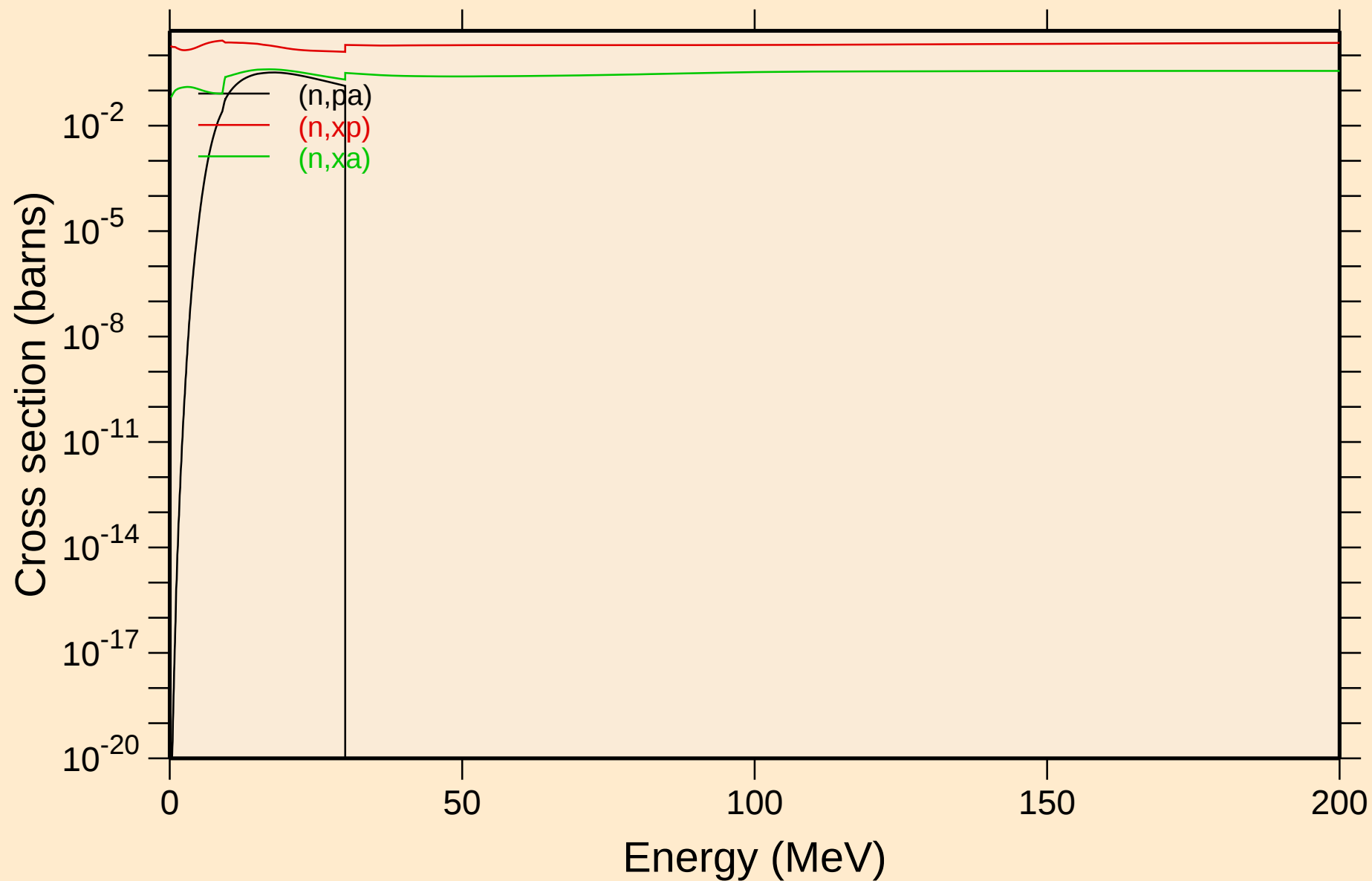
Damage



GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

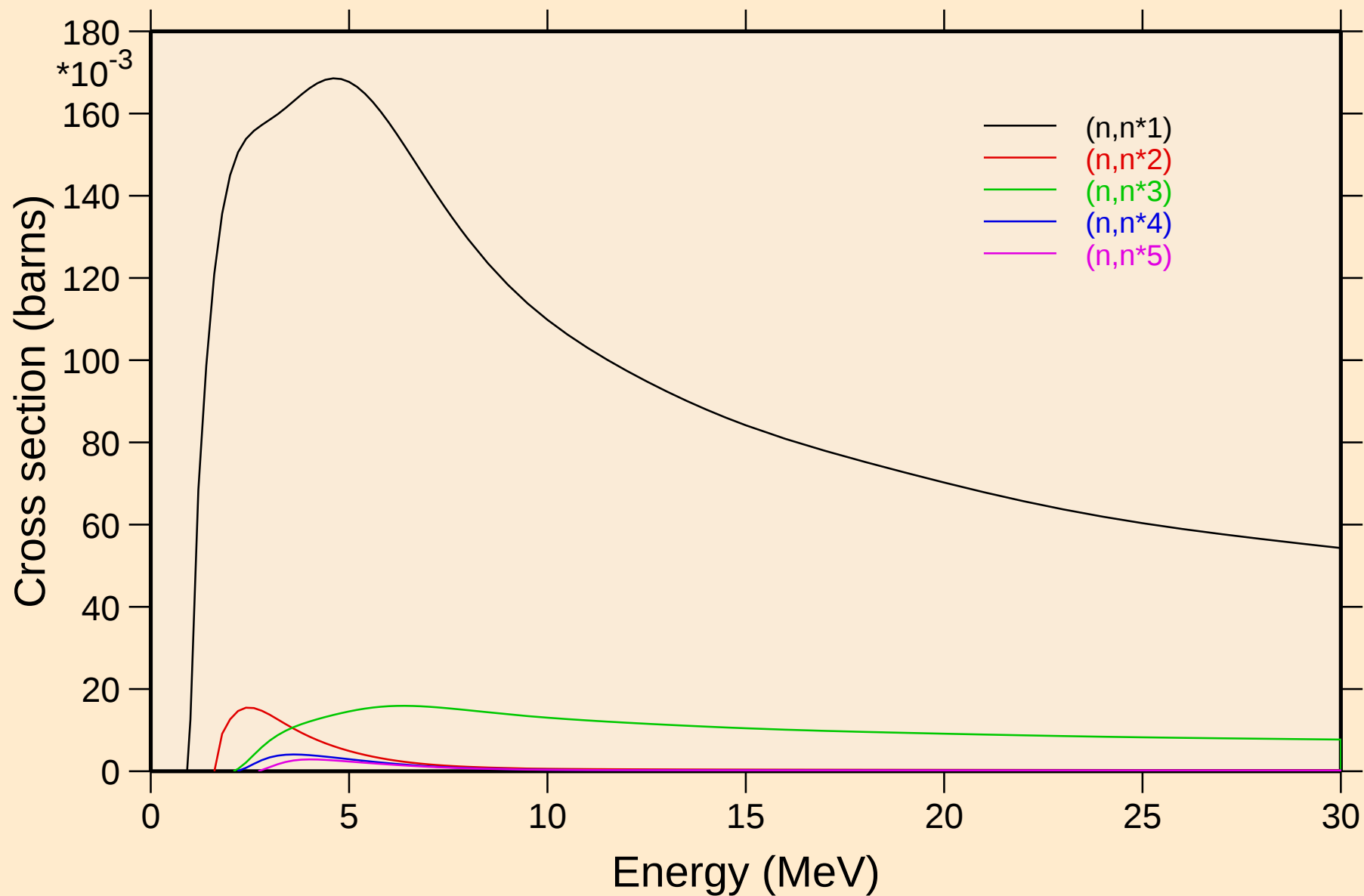


GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



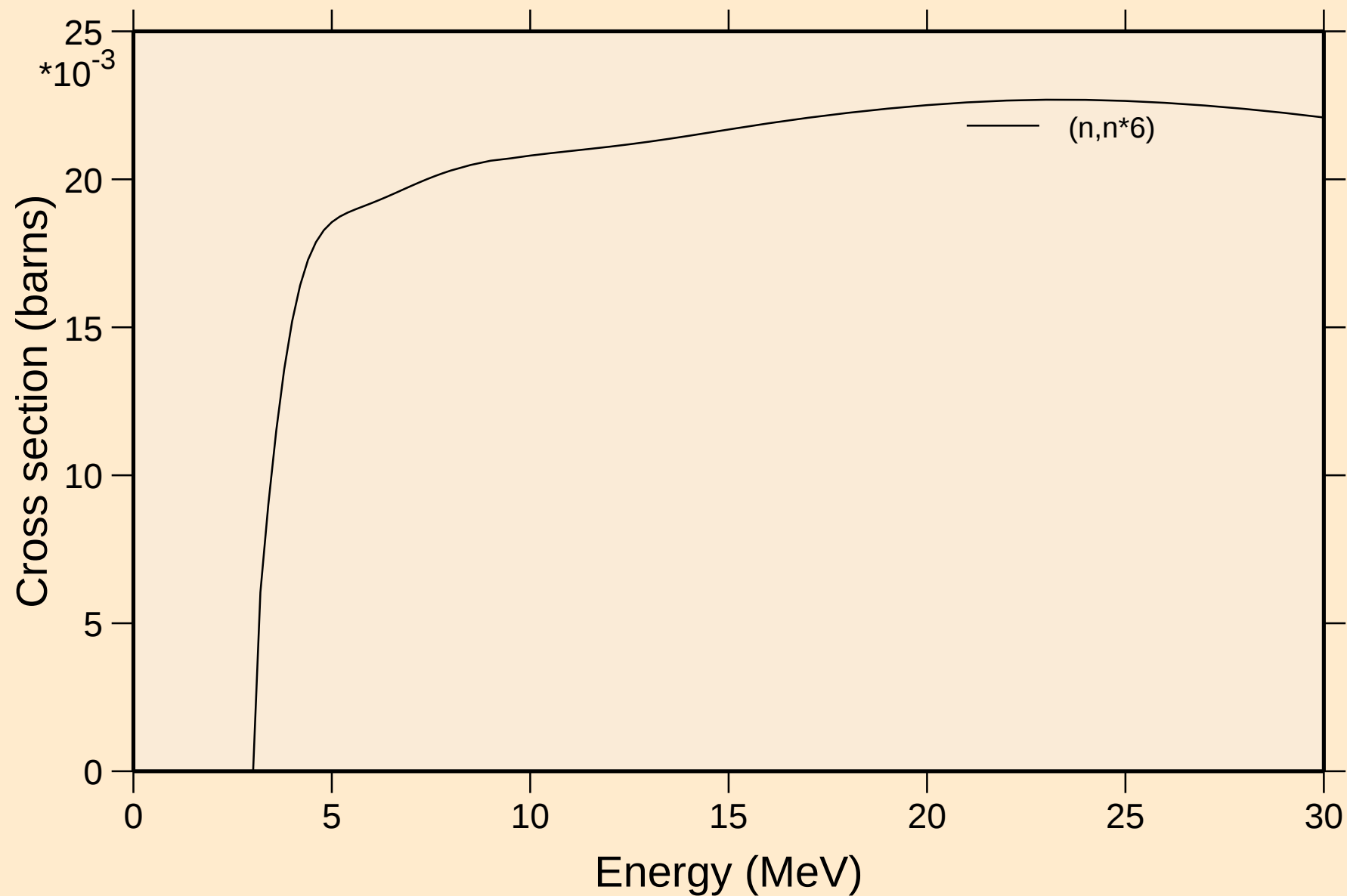
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## Inelastic levels



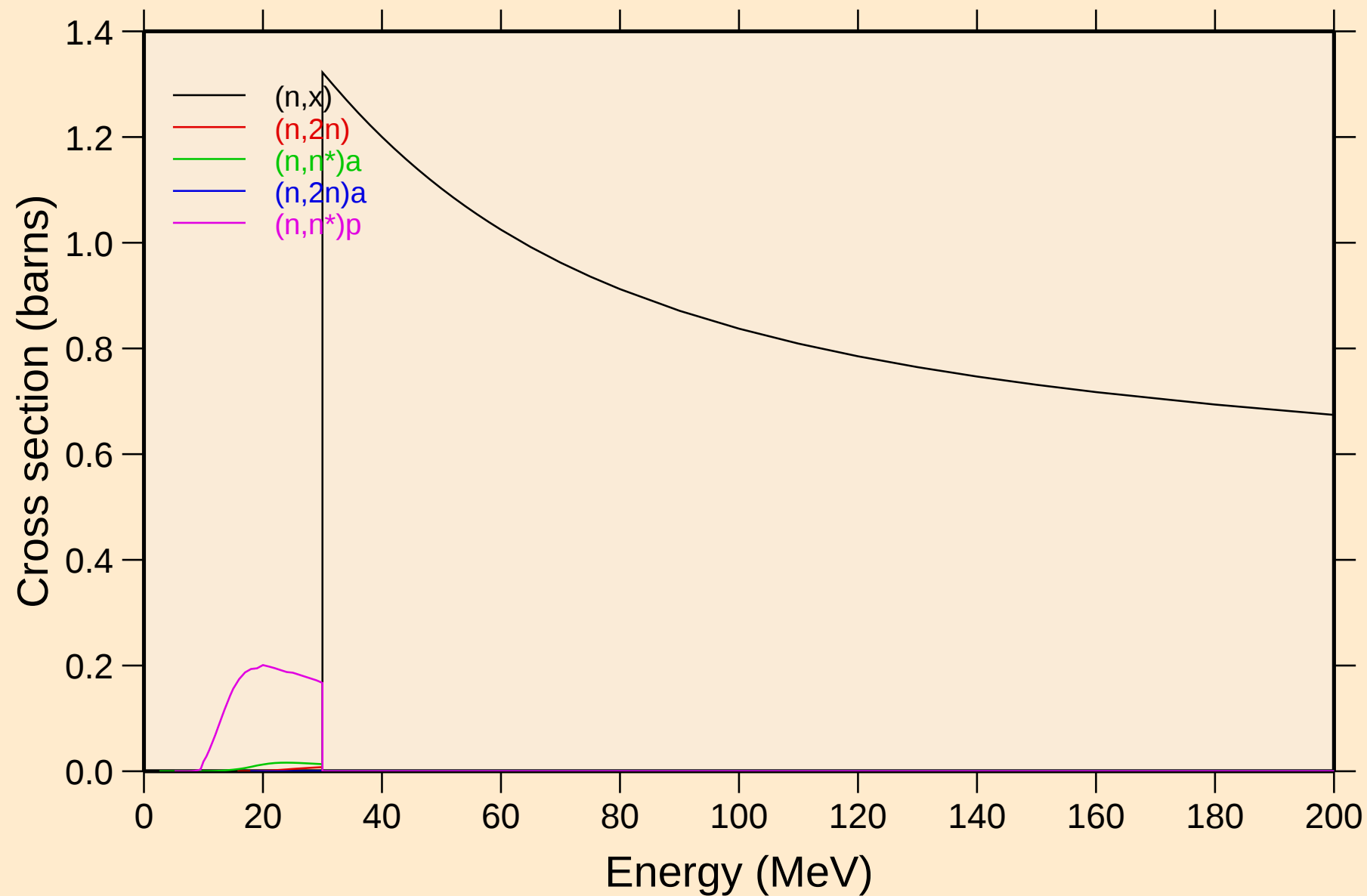
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Inelastic levels



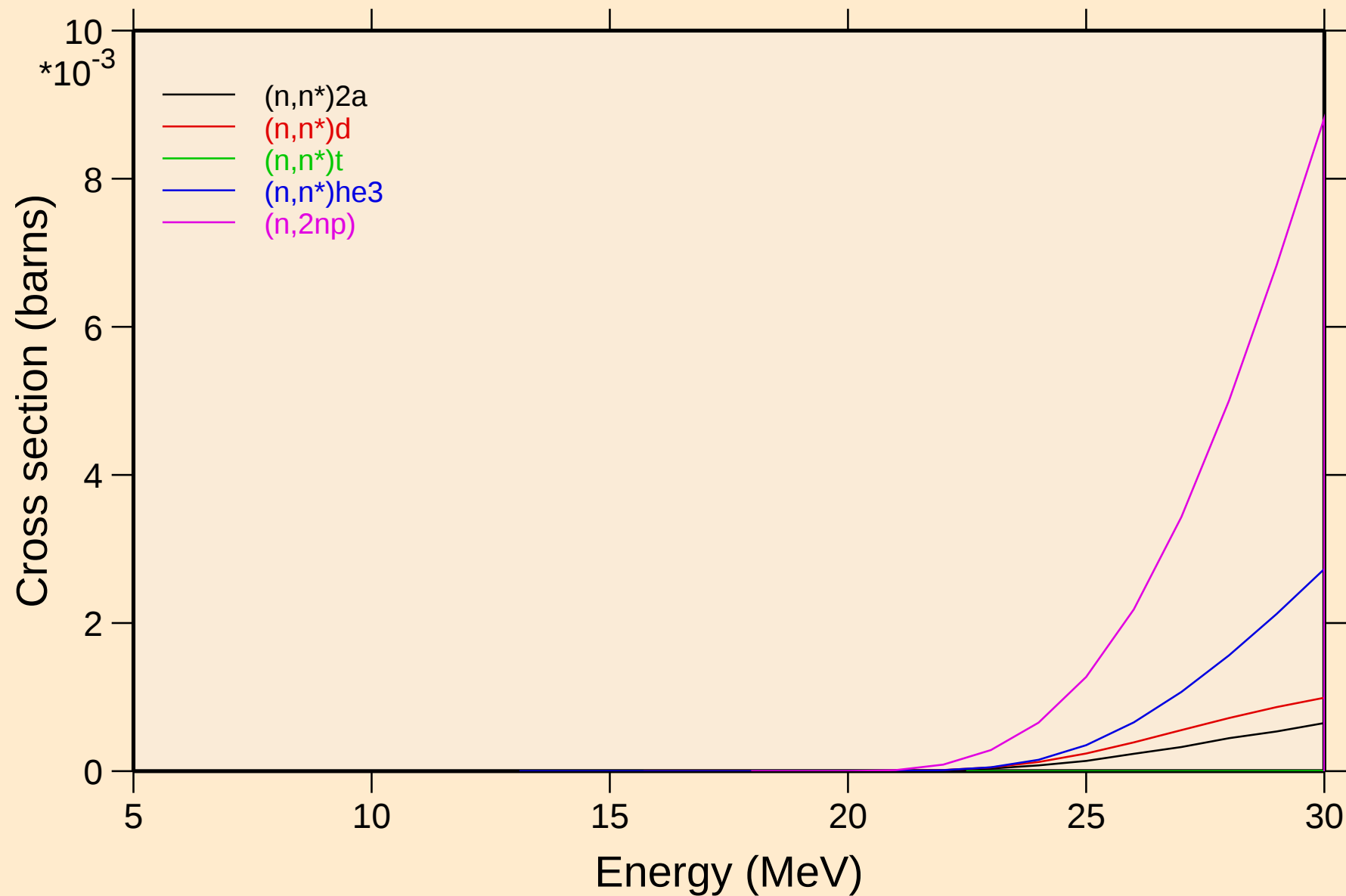
# GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



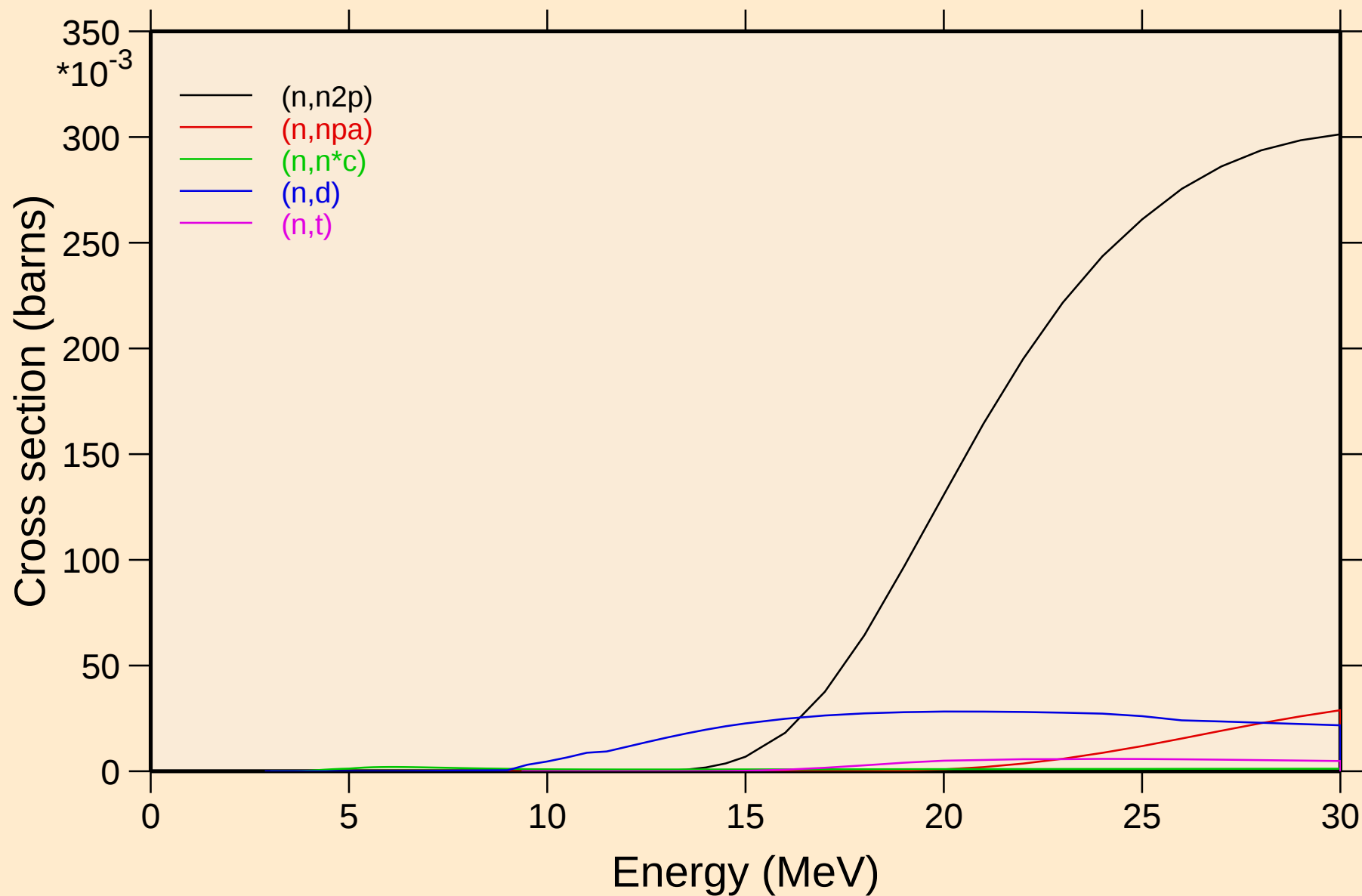
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## Threshold reactions



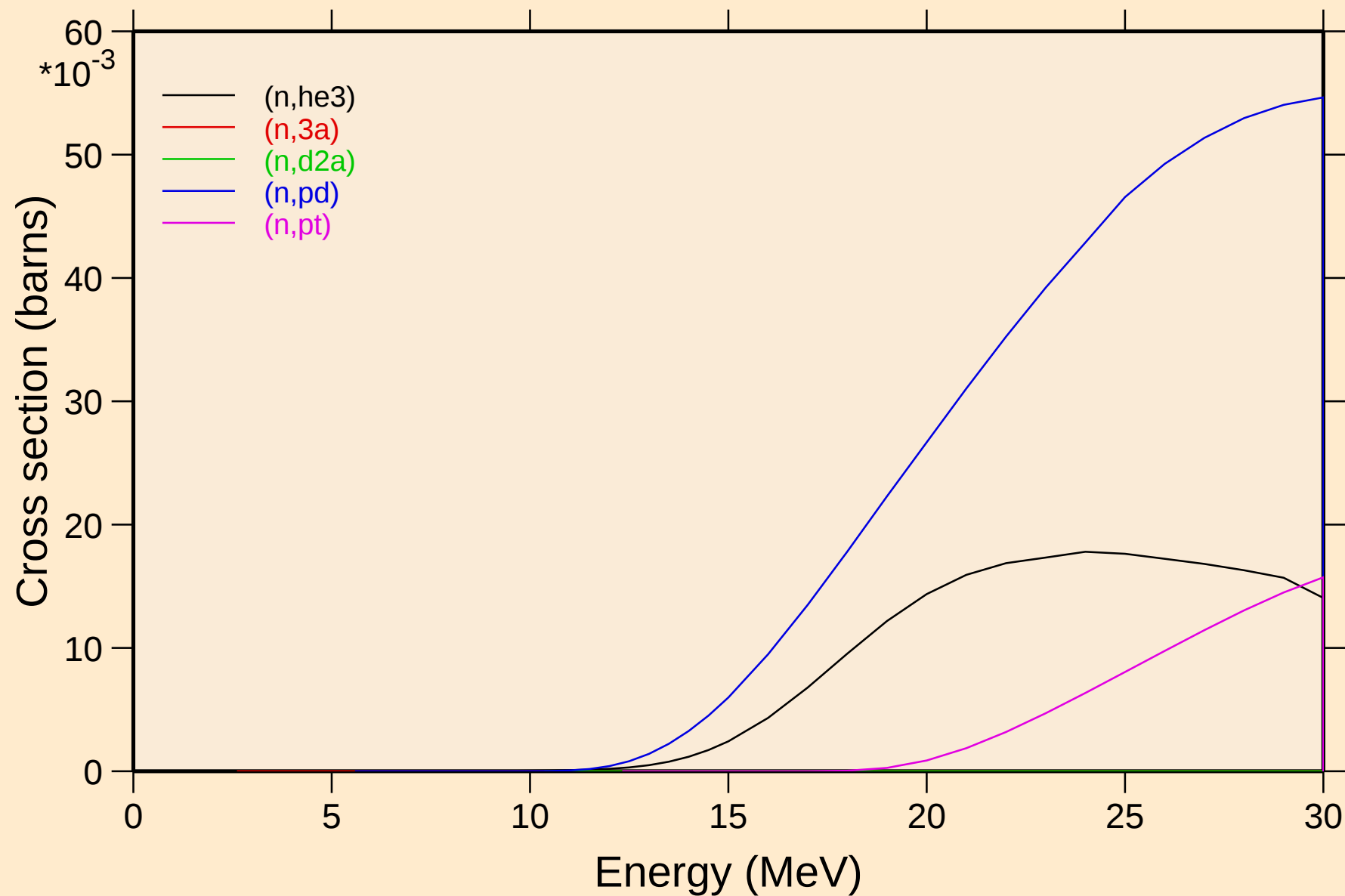
# GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



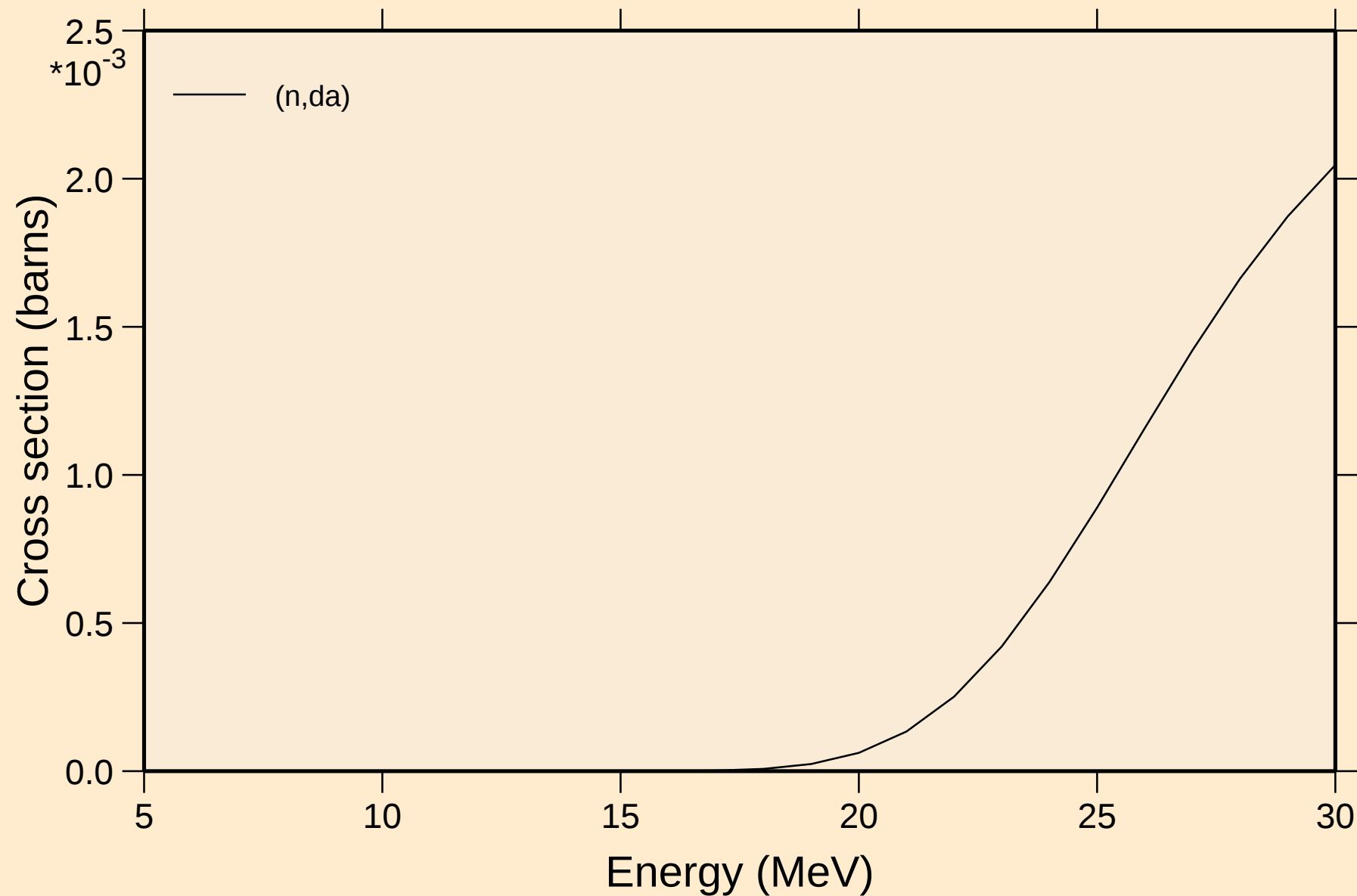
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## Threshold reactions



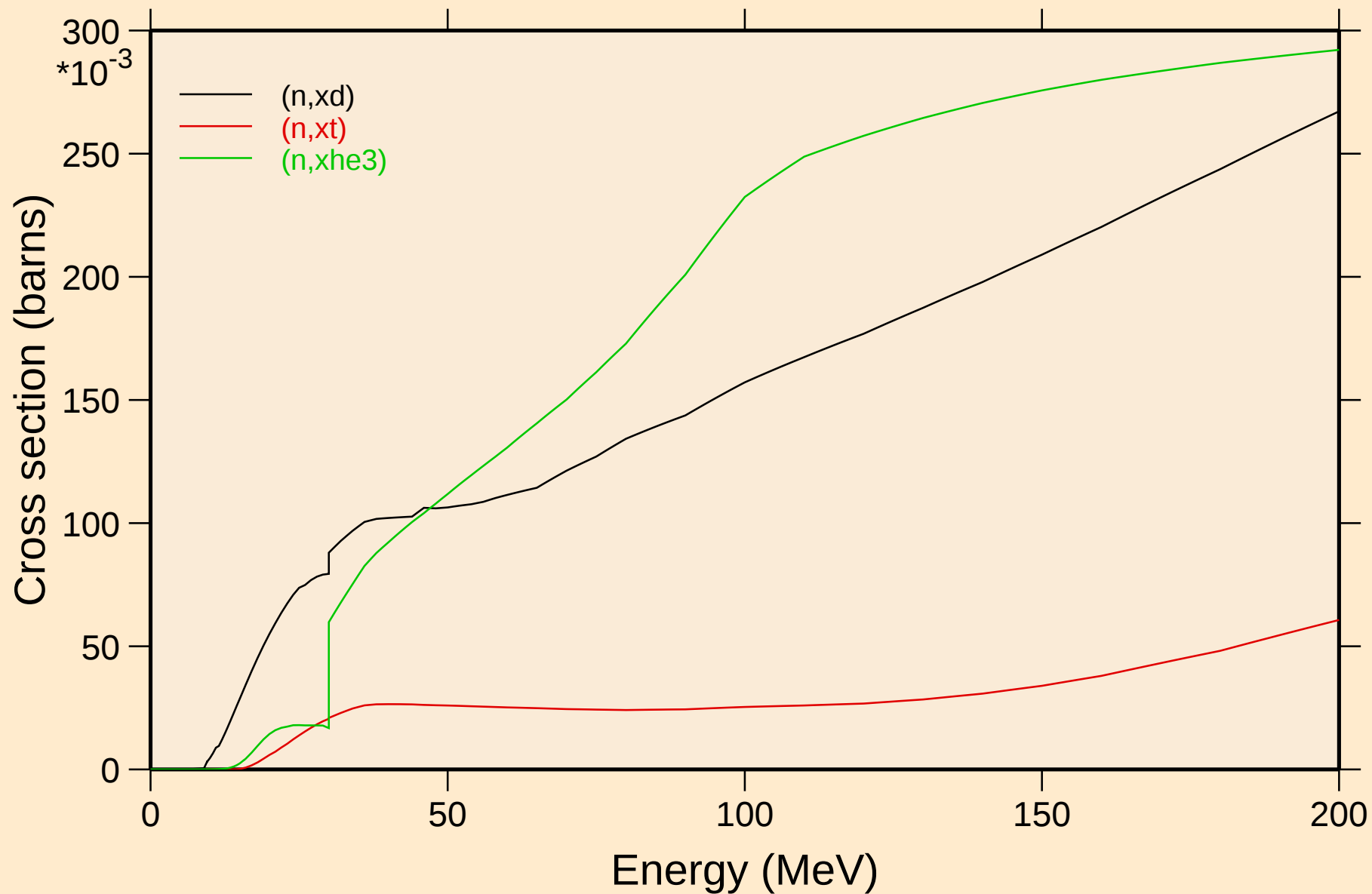
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Threshold reactions

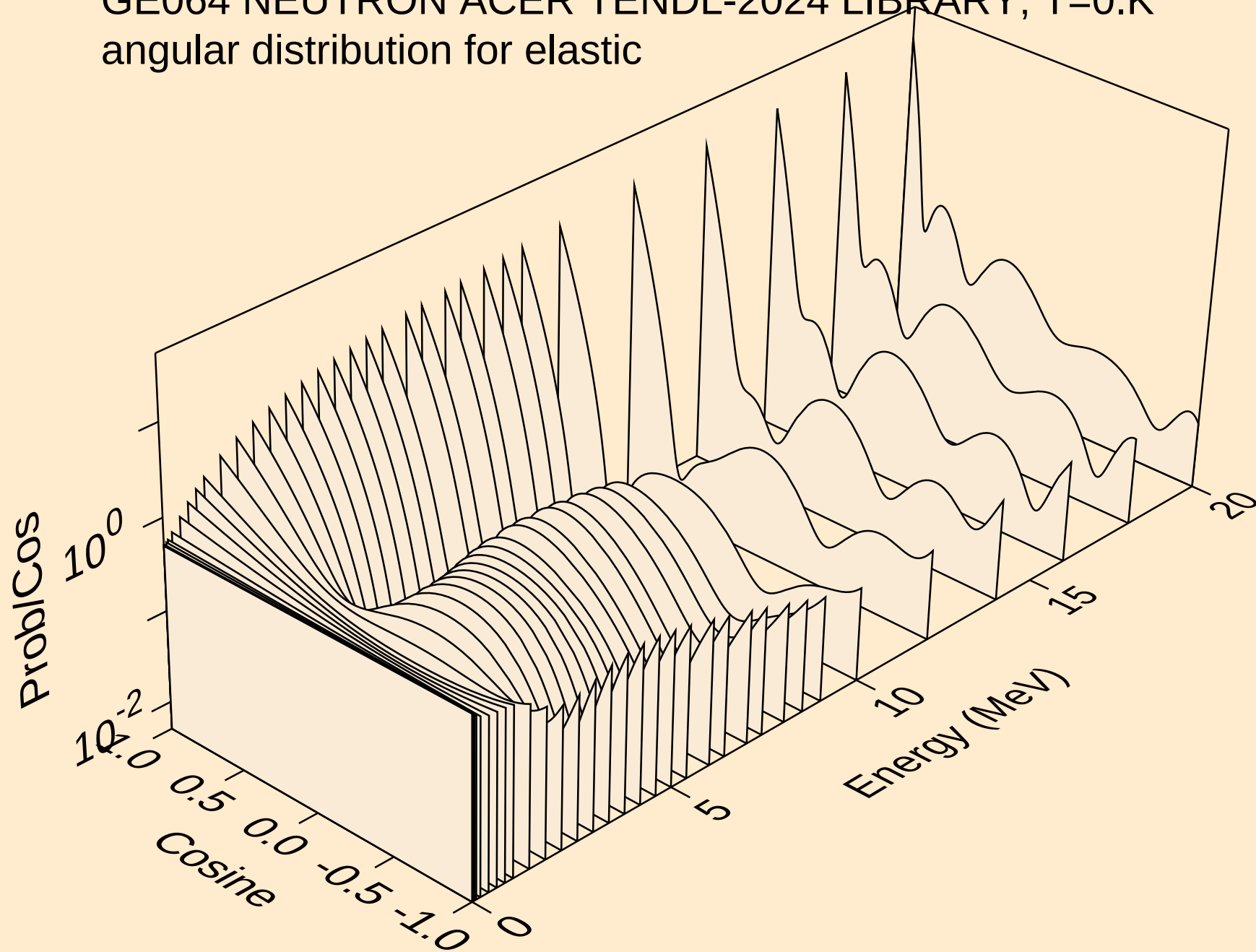


# GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

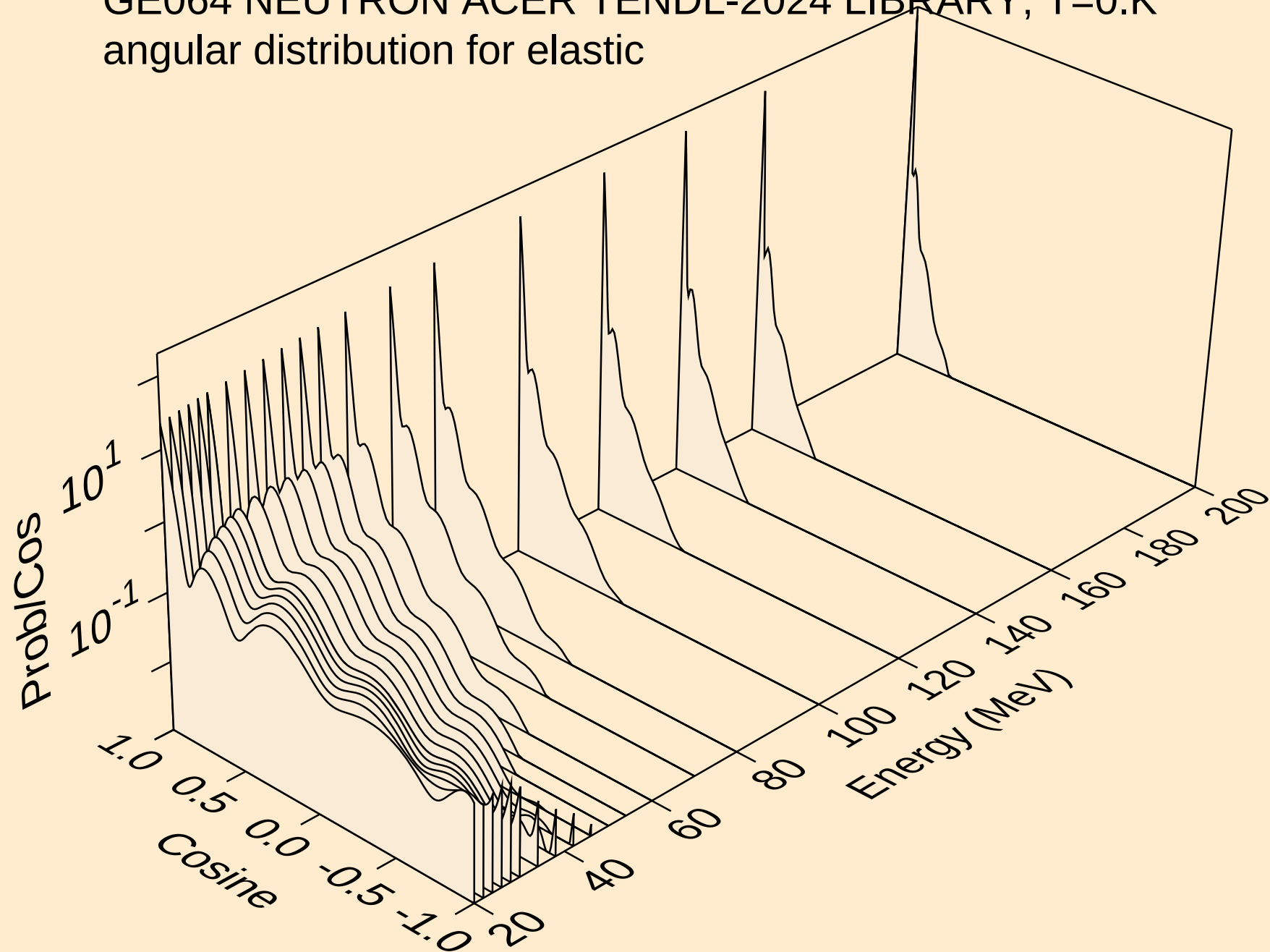
## Threshold reactions



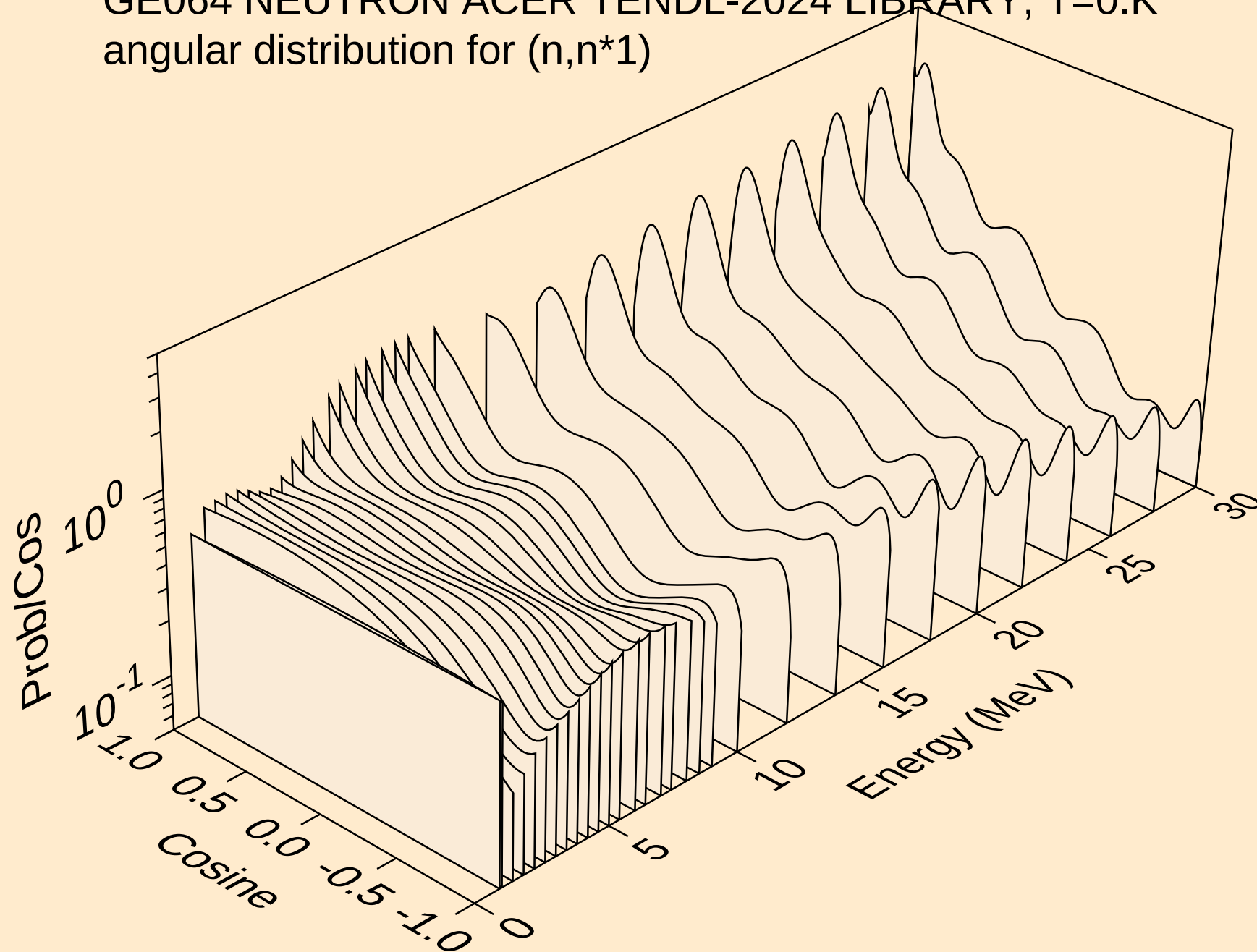
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



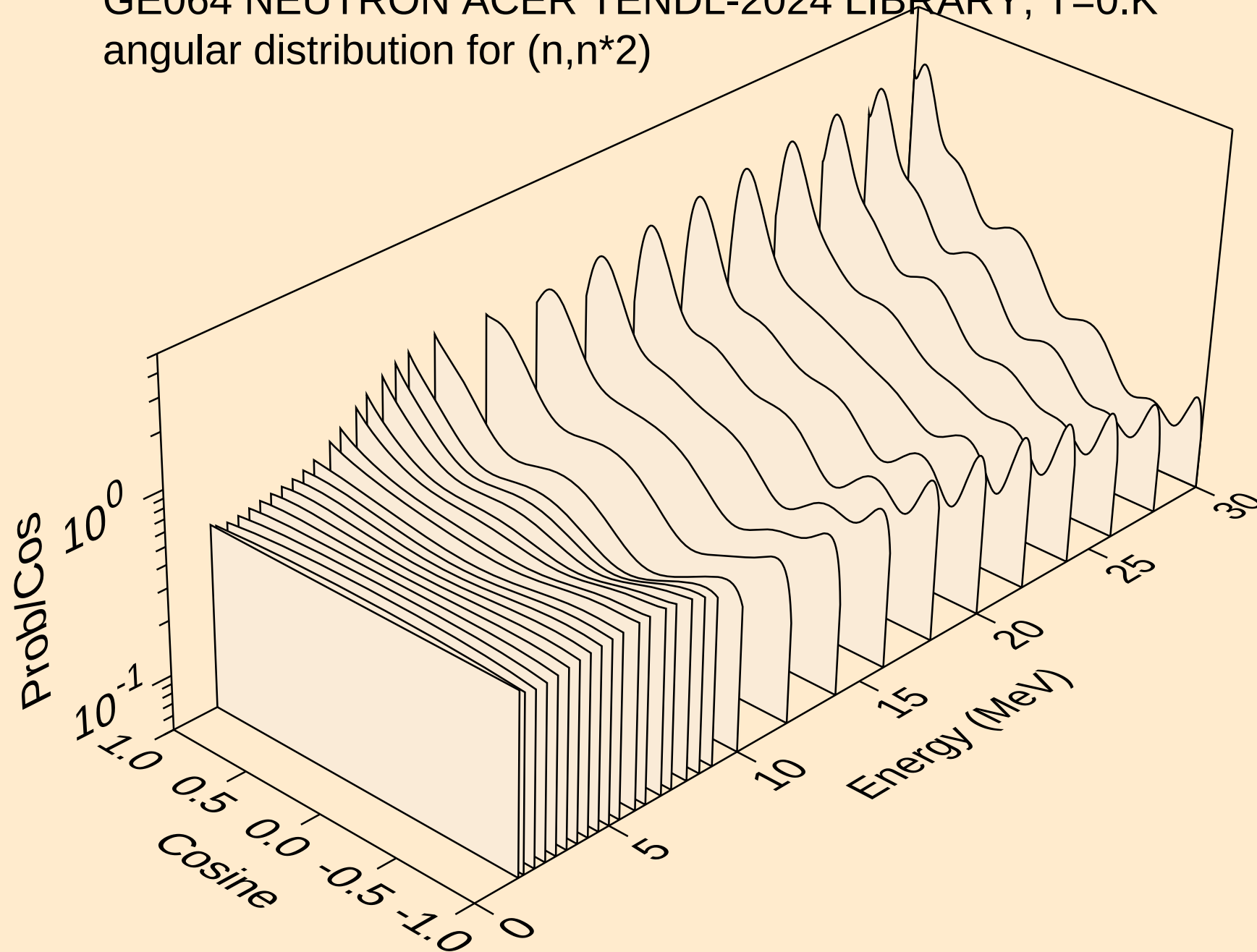
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



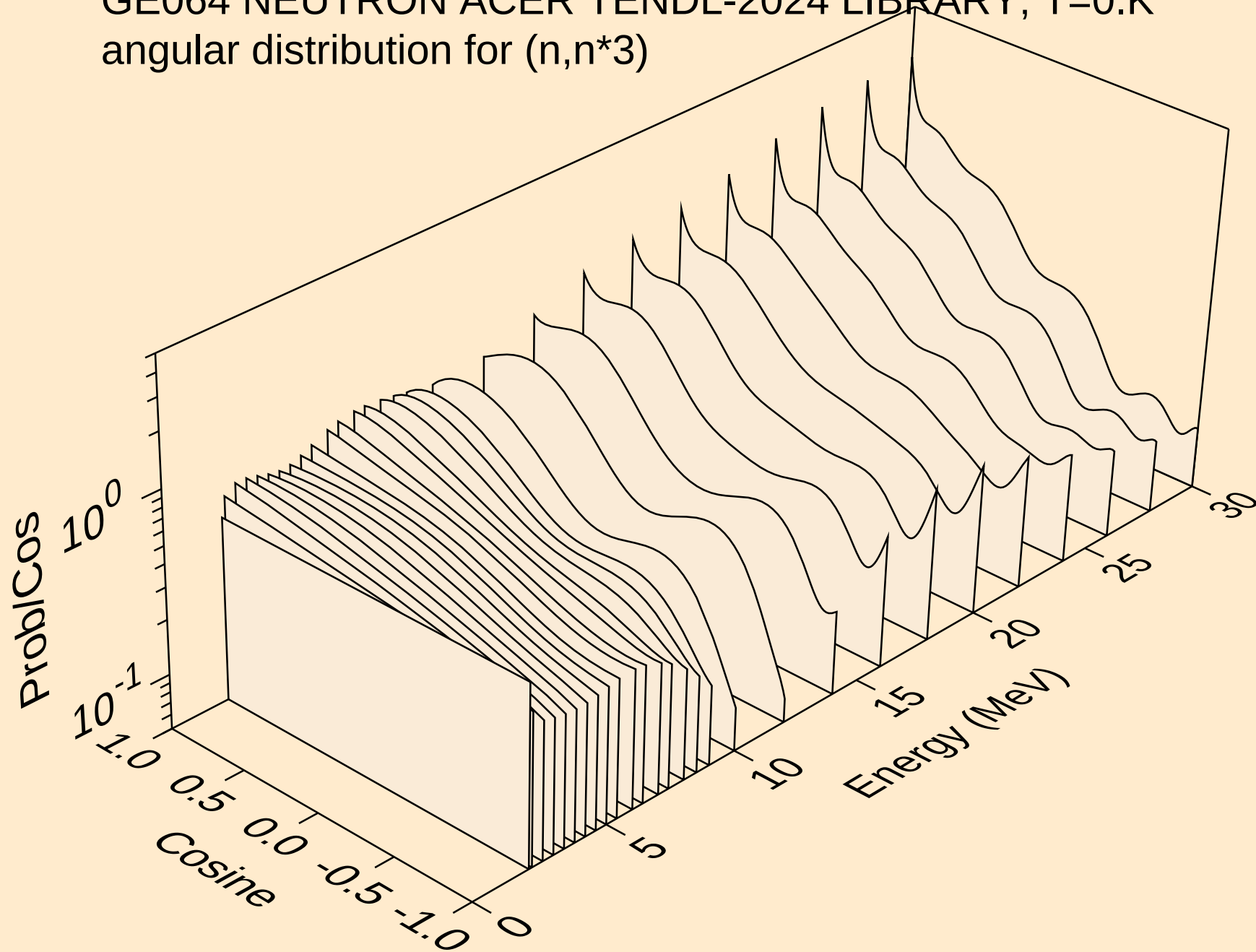
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



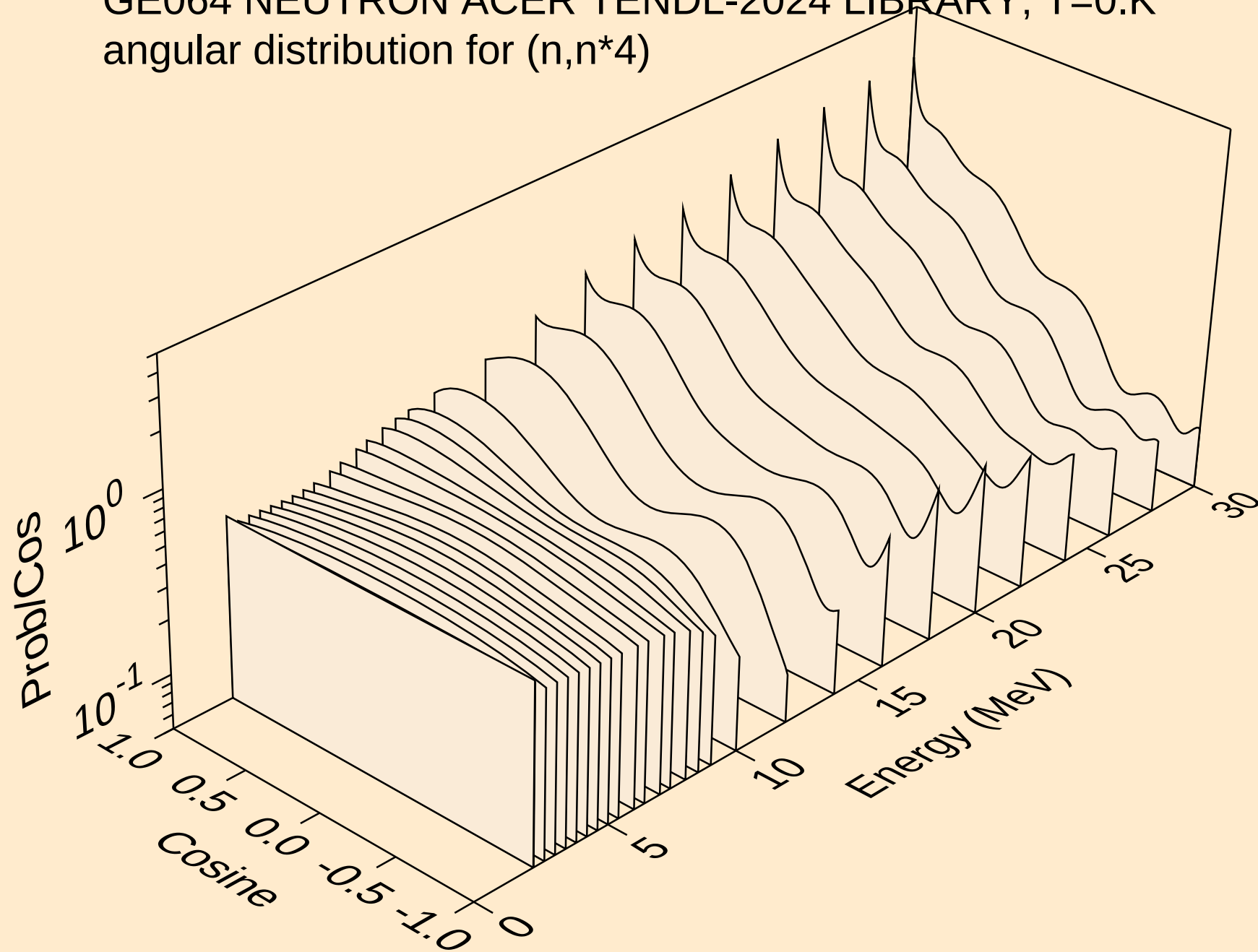
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



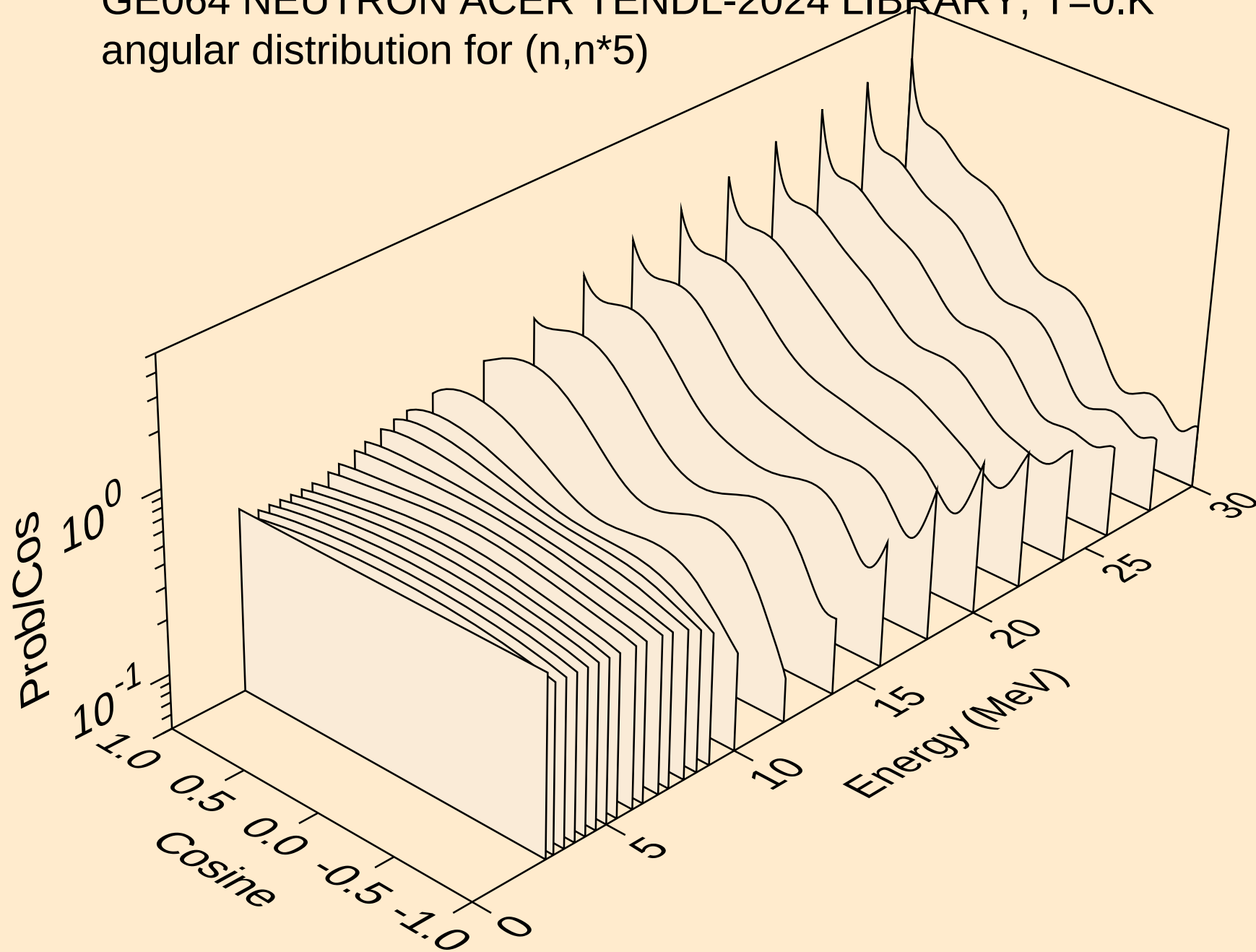
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



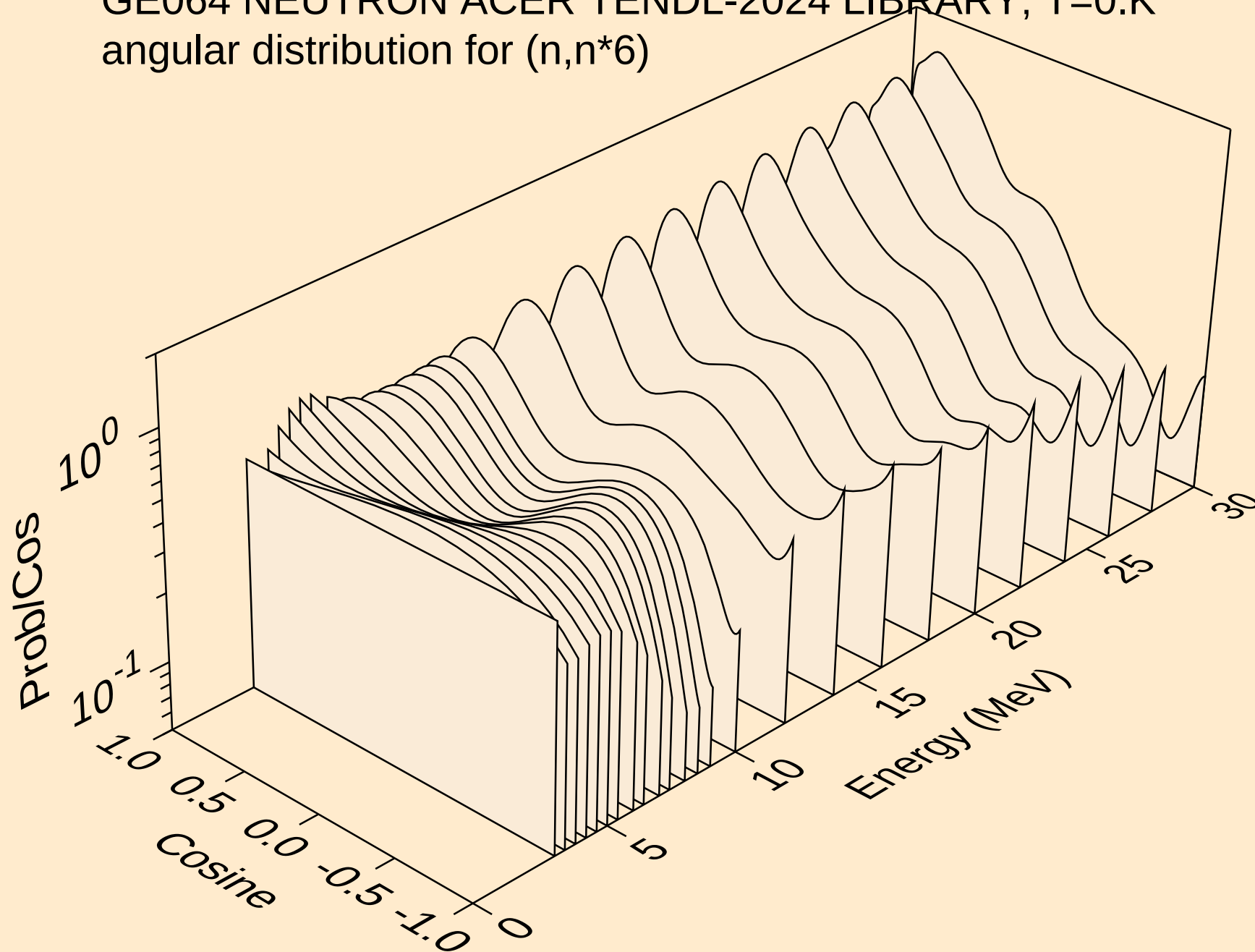
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angular distribution for (n,n\*4)



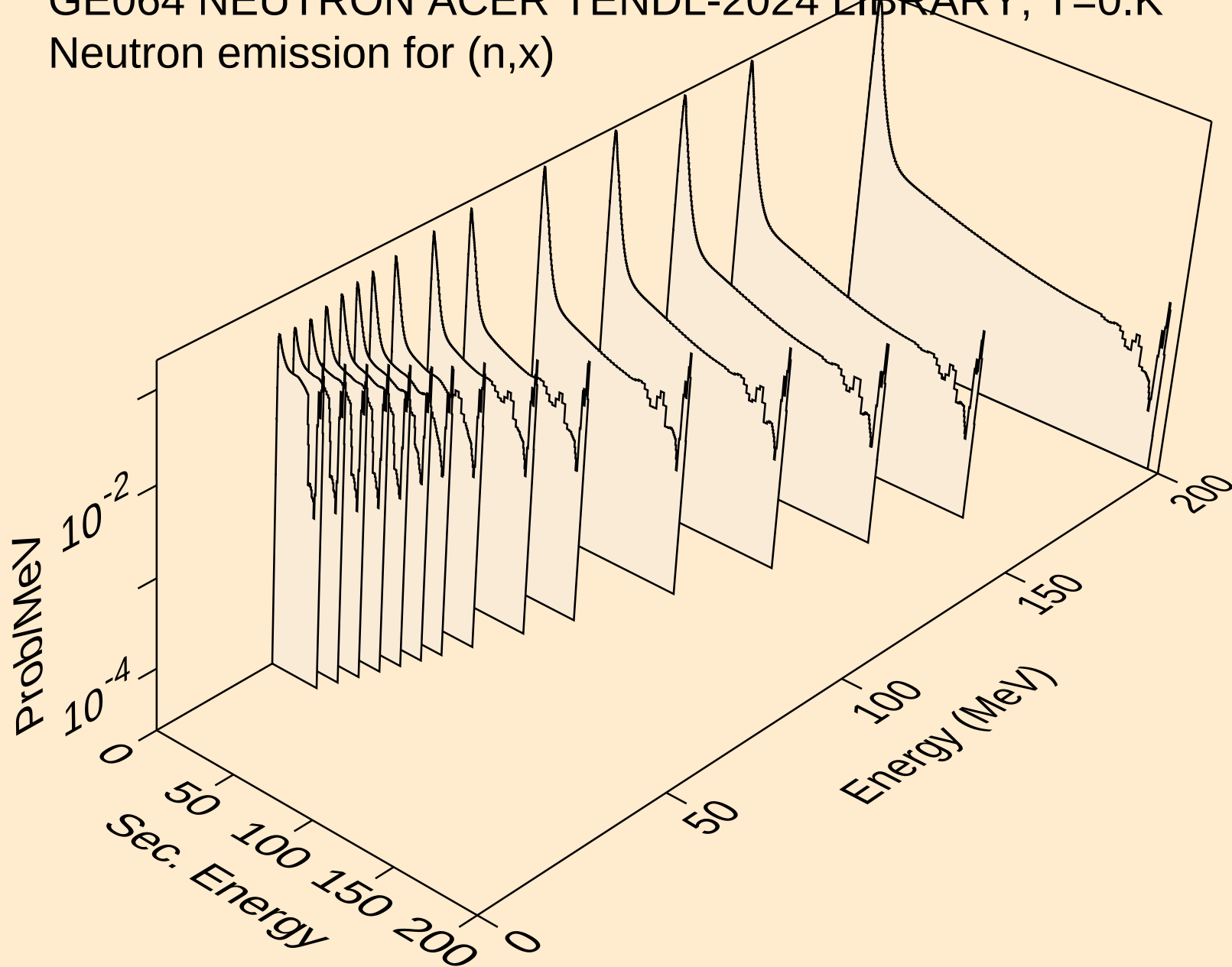
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angular distribution for (n,n\*5)



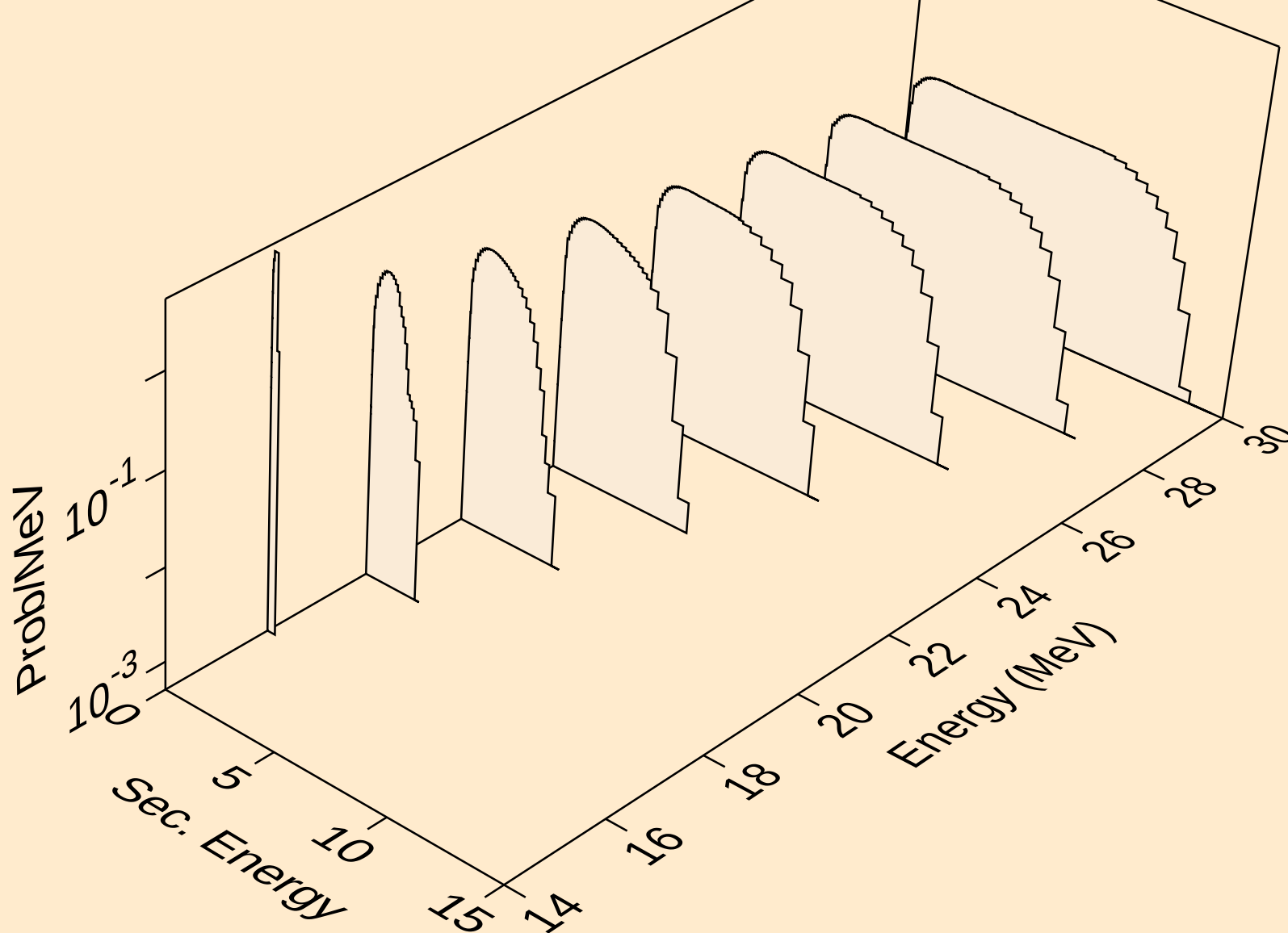
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angular distribution for (n,n\*6)



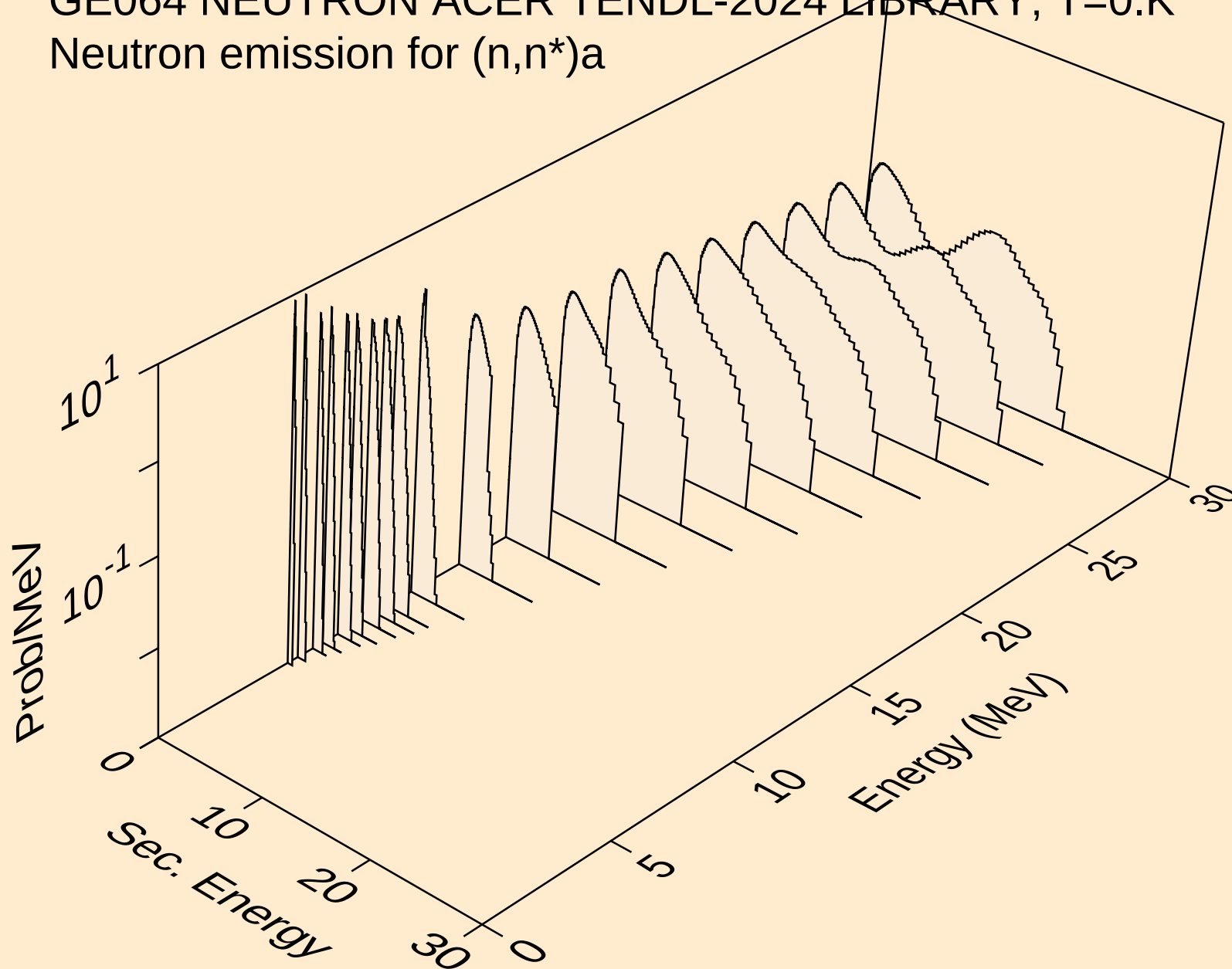
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



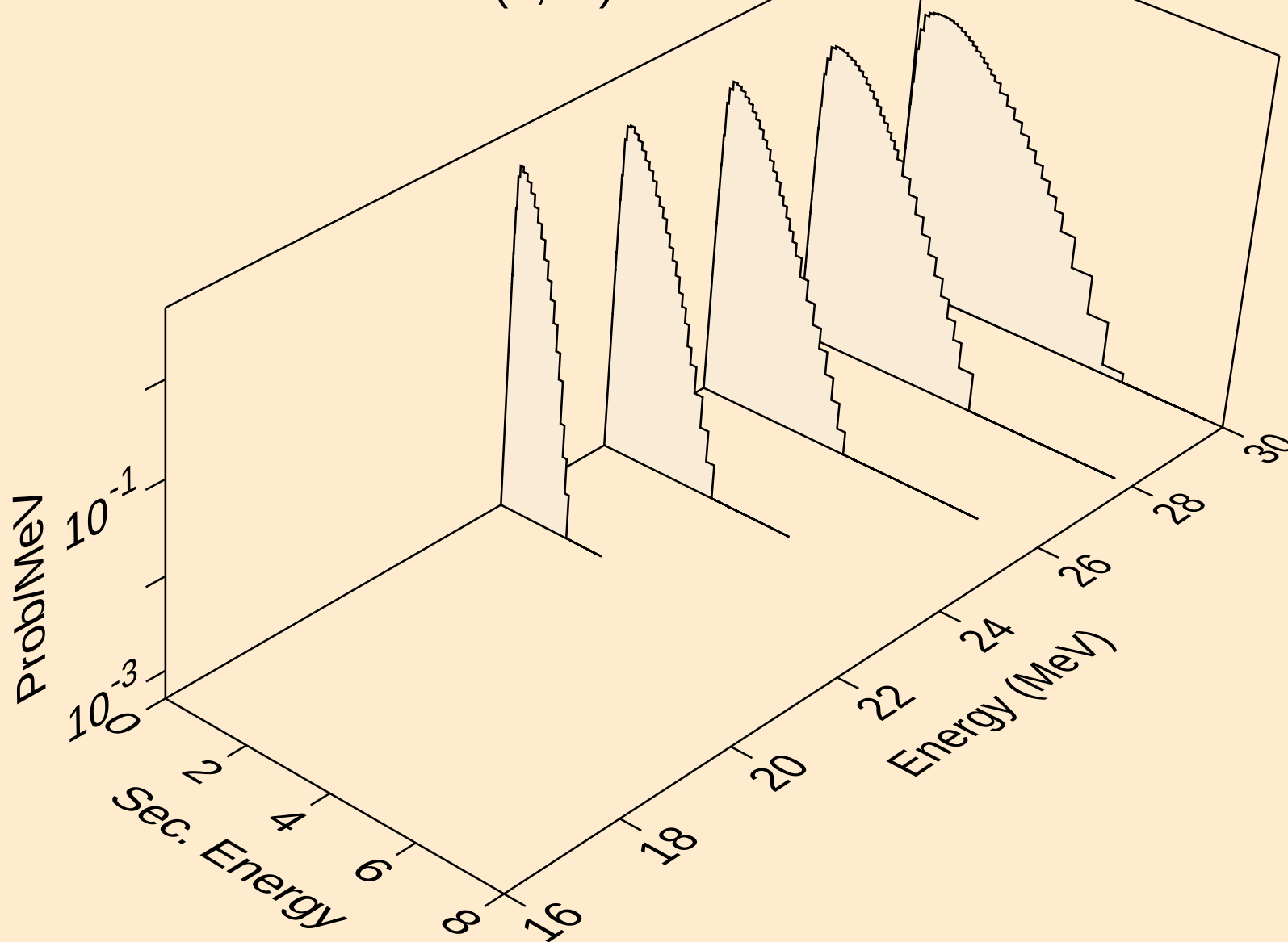
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



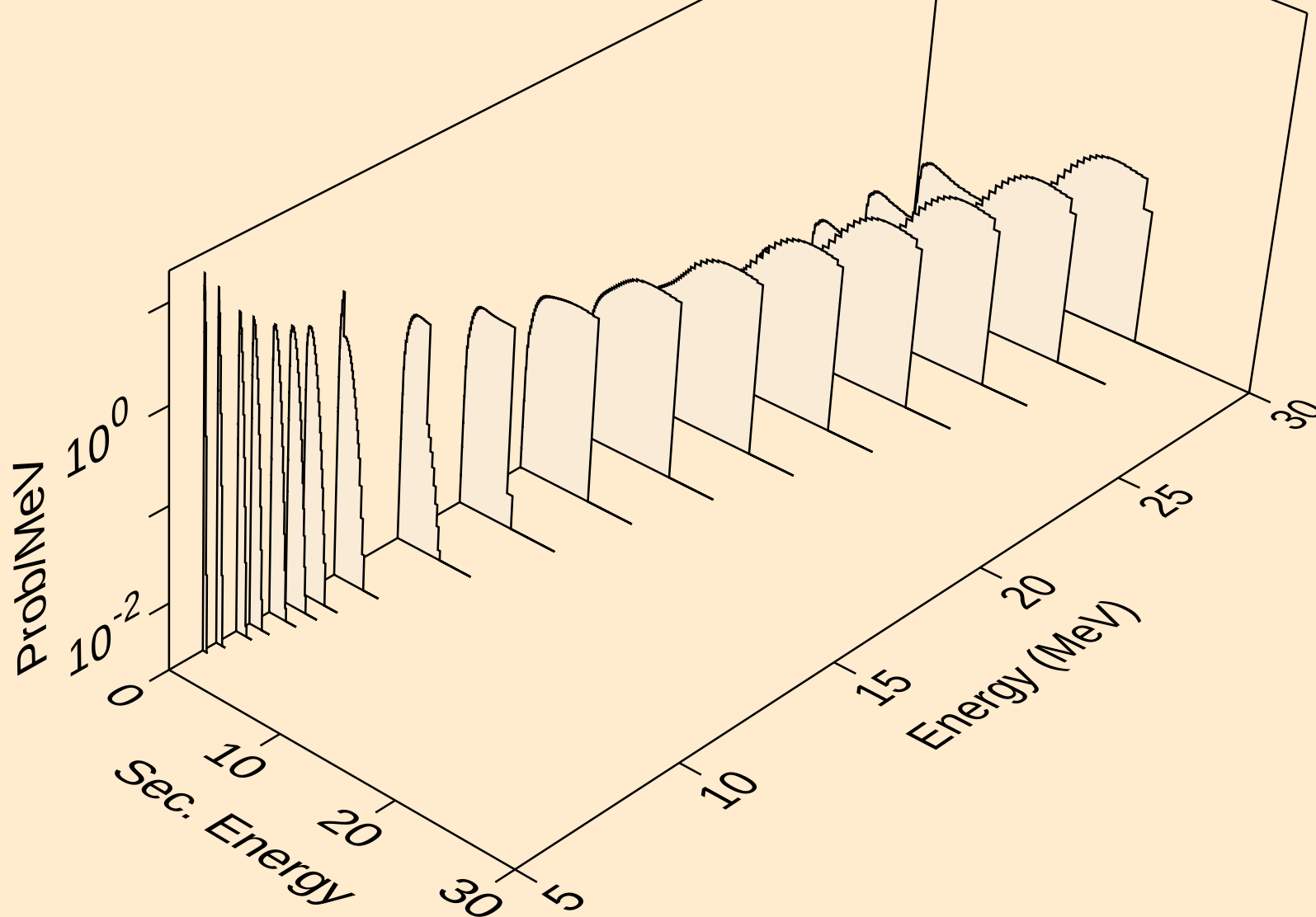
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



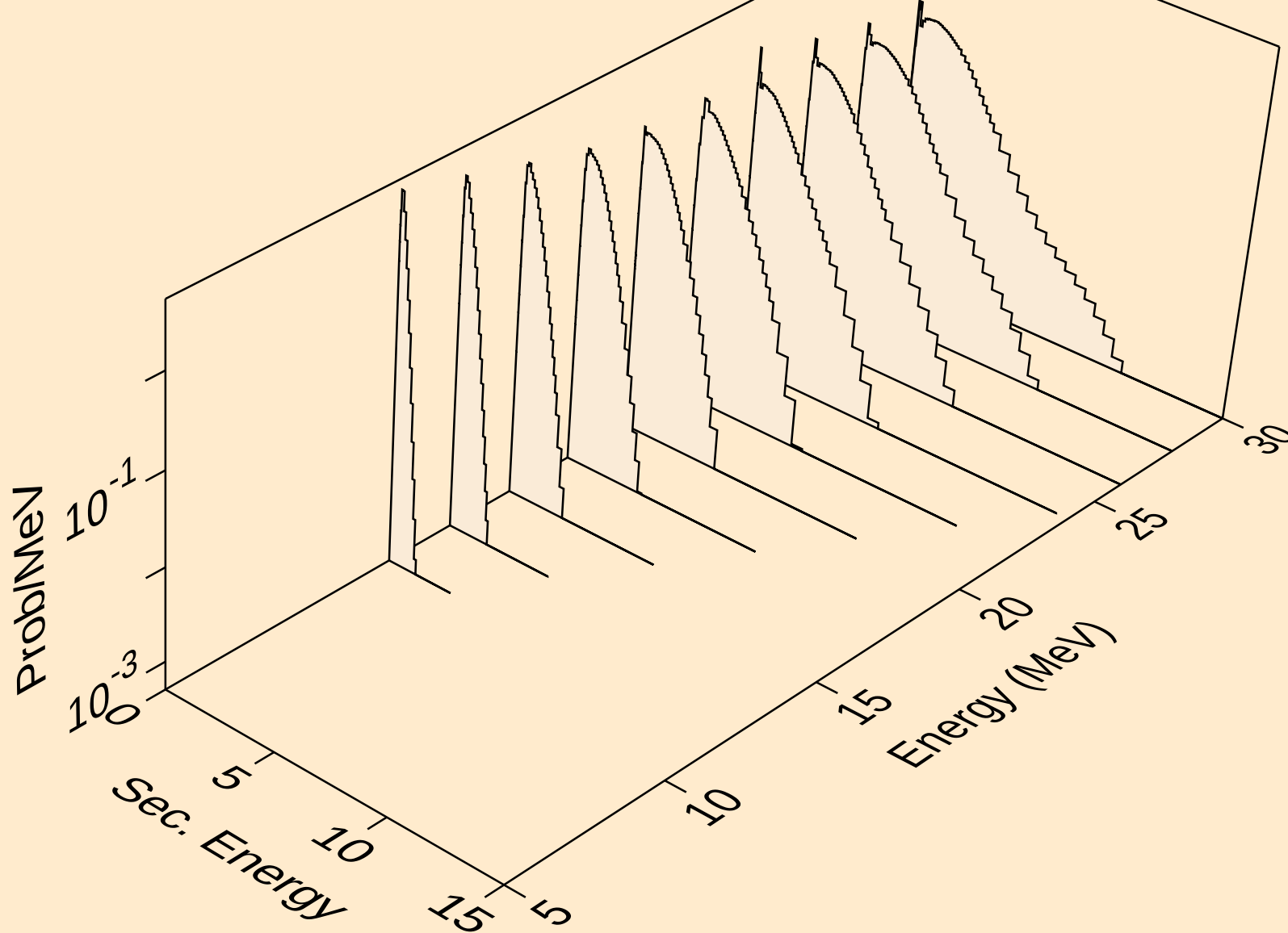
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)<sub>a</sub>



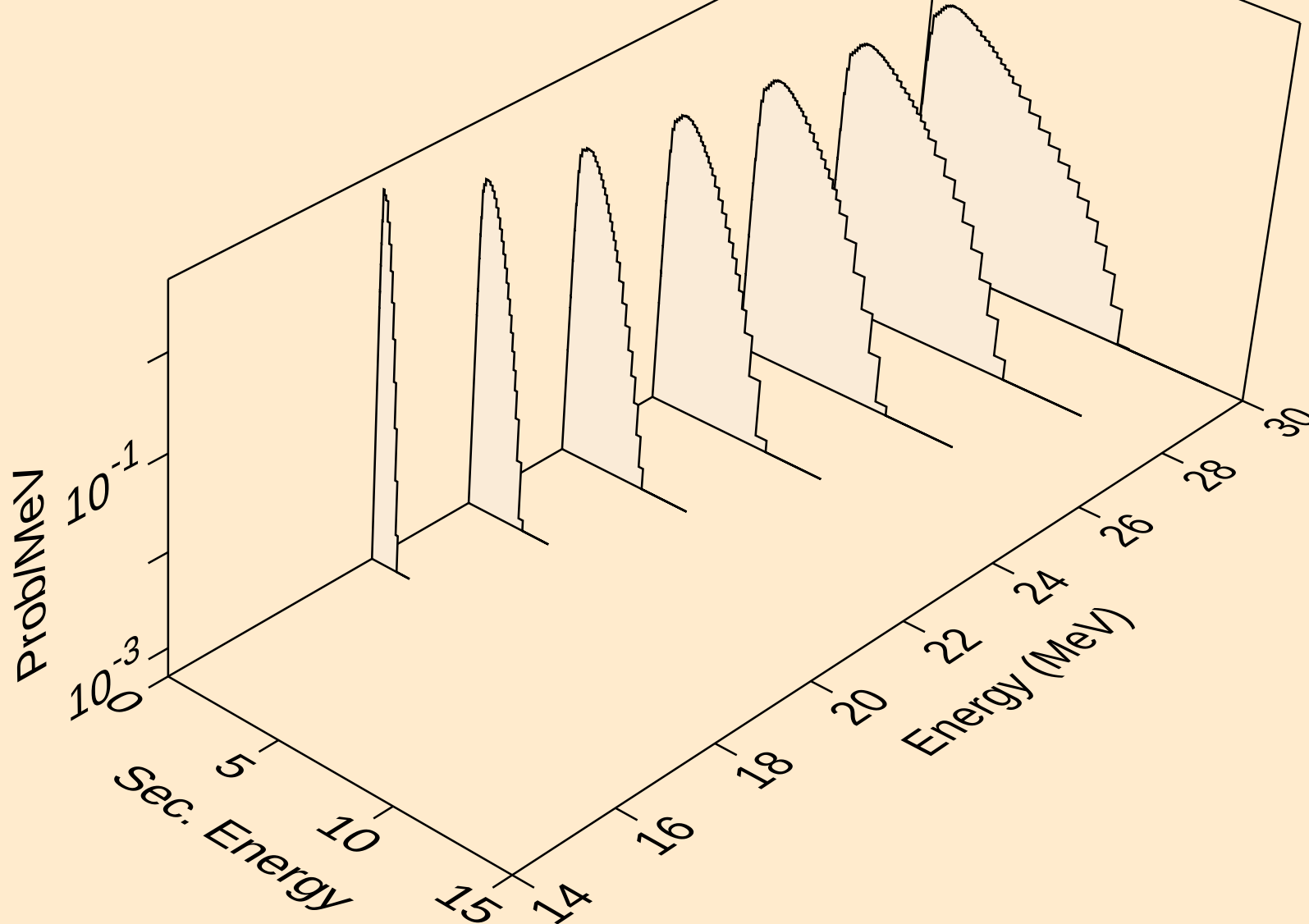
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

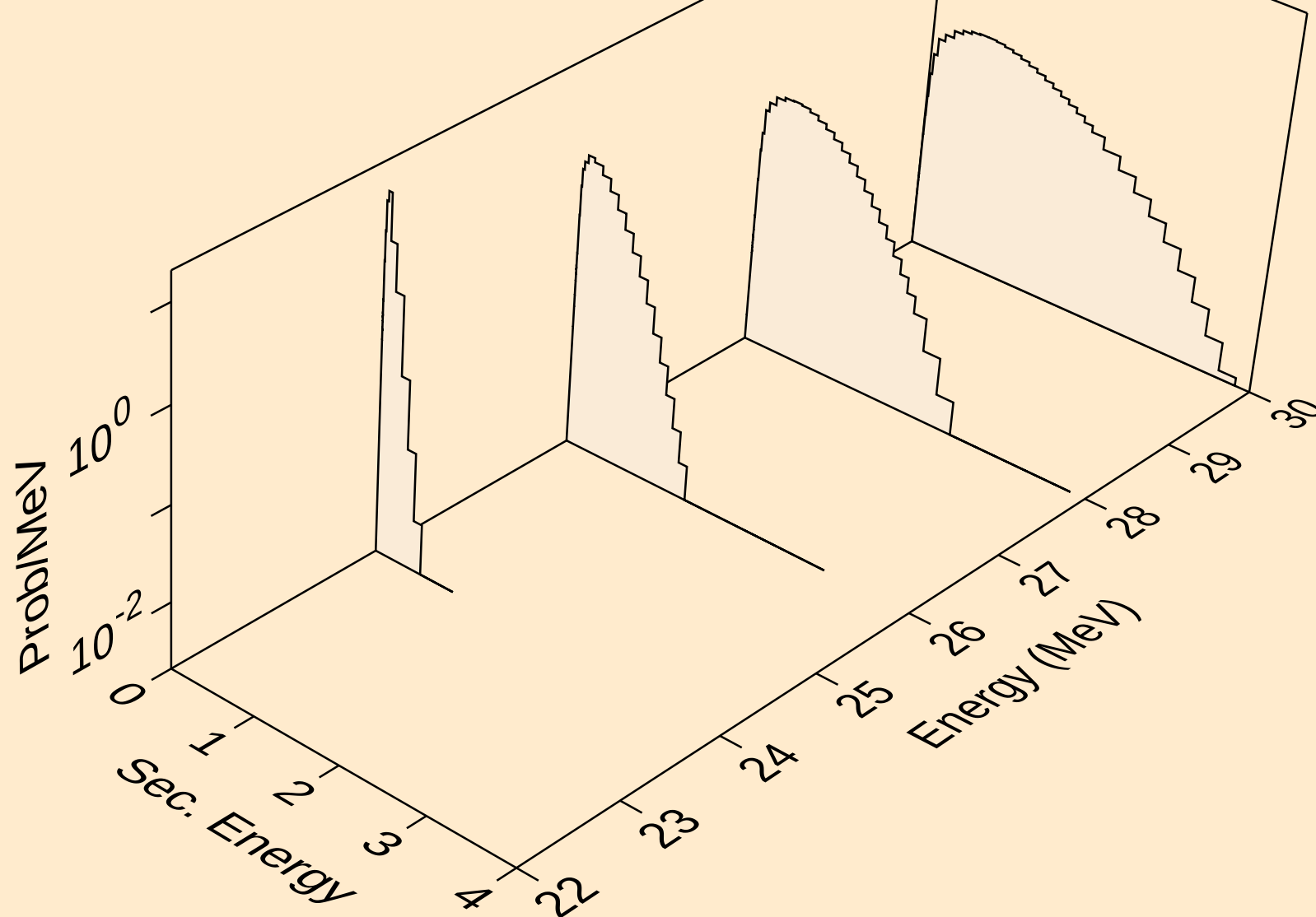


GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

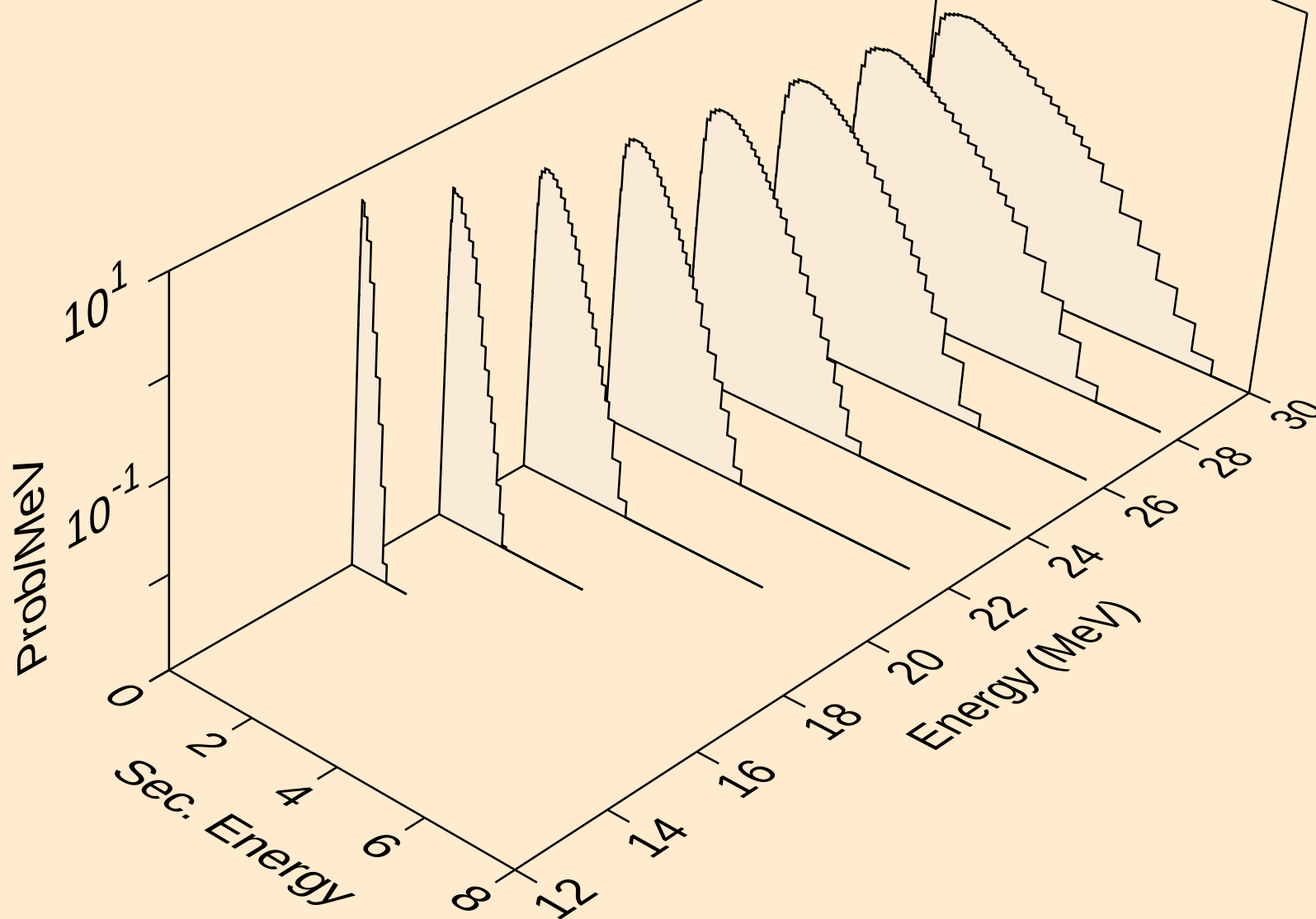


GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

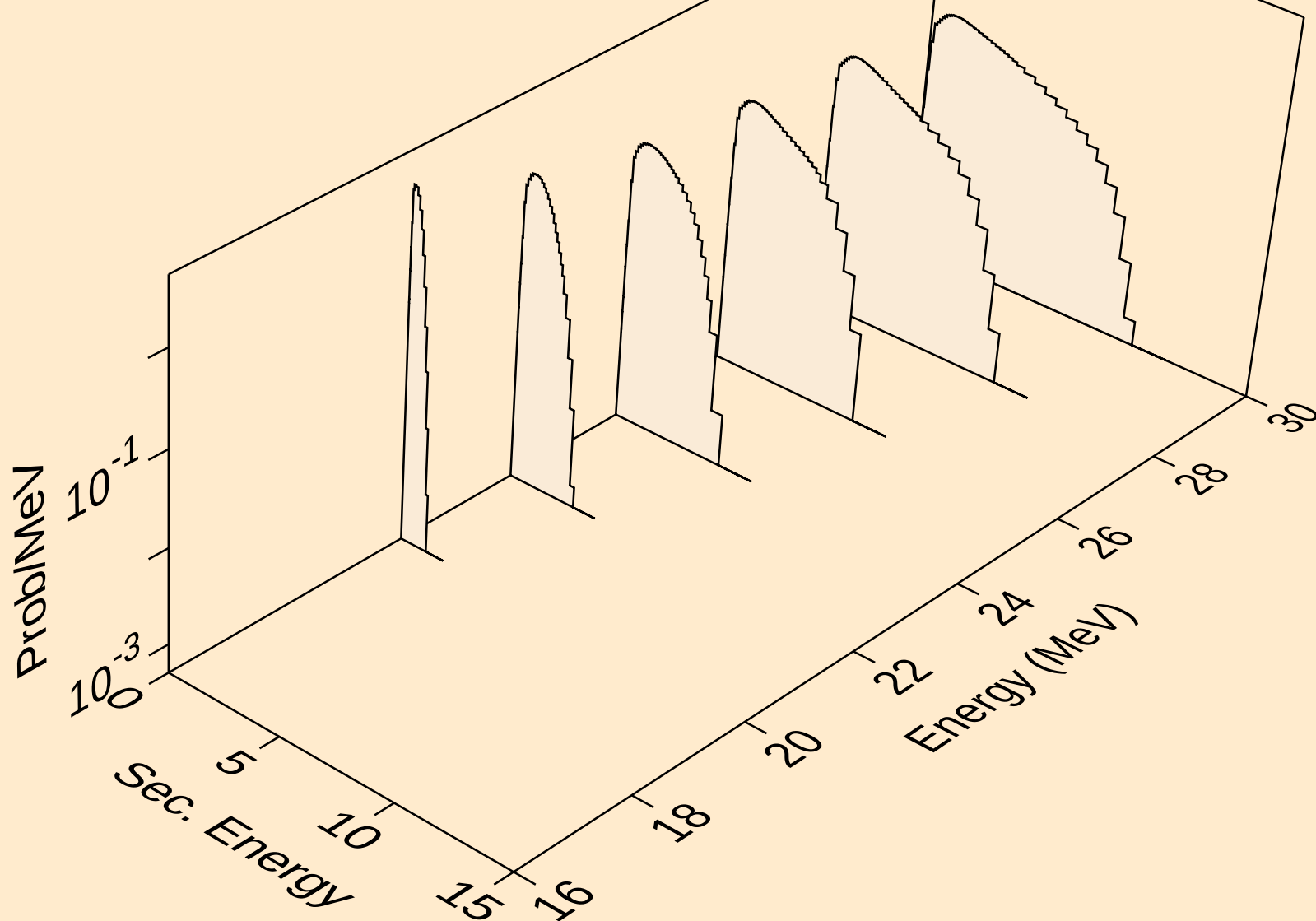
Neutron emission for (n,n\*)t



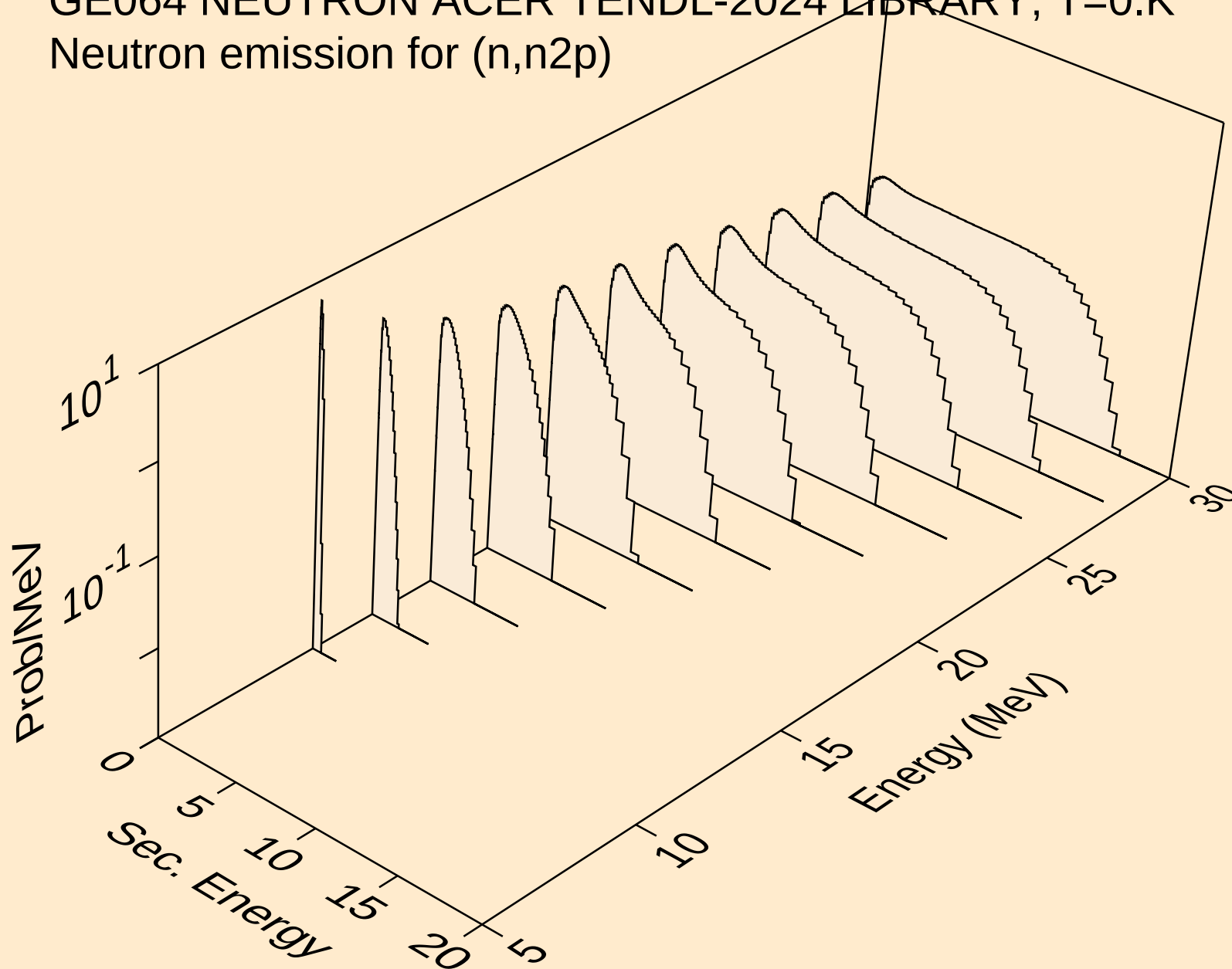
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



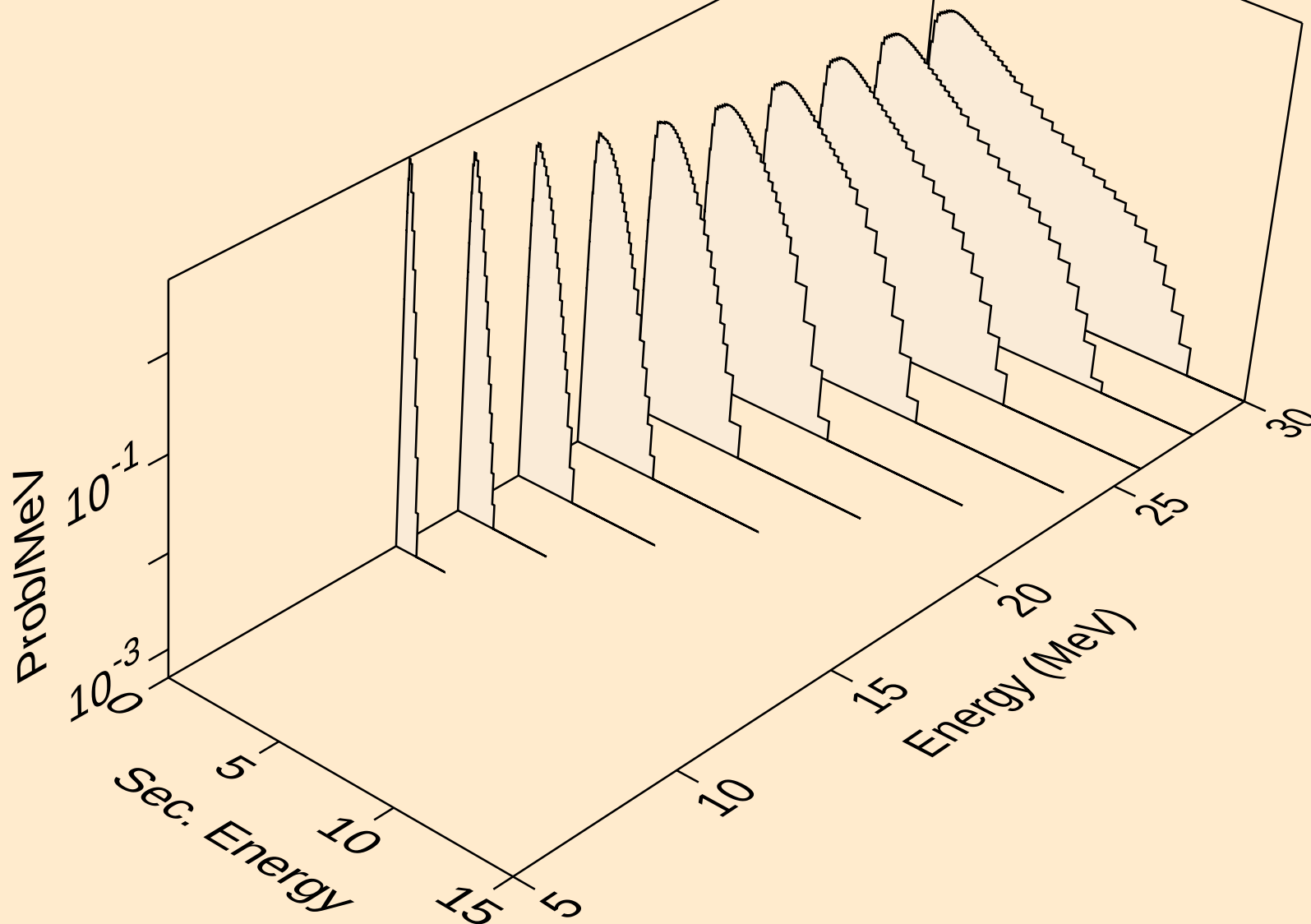
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



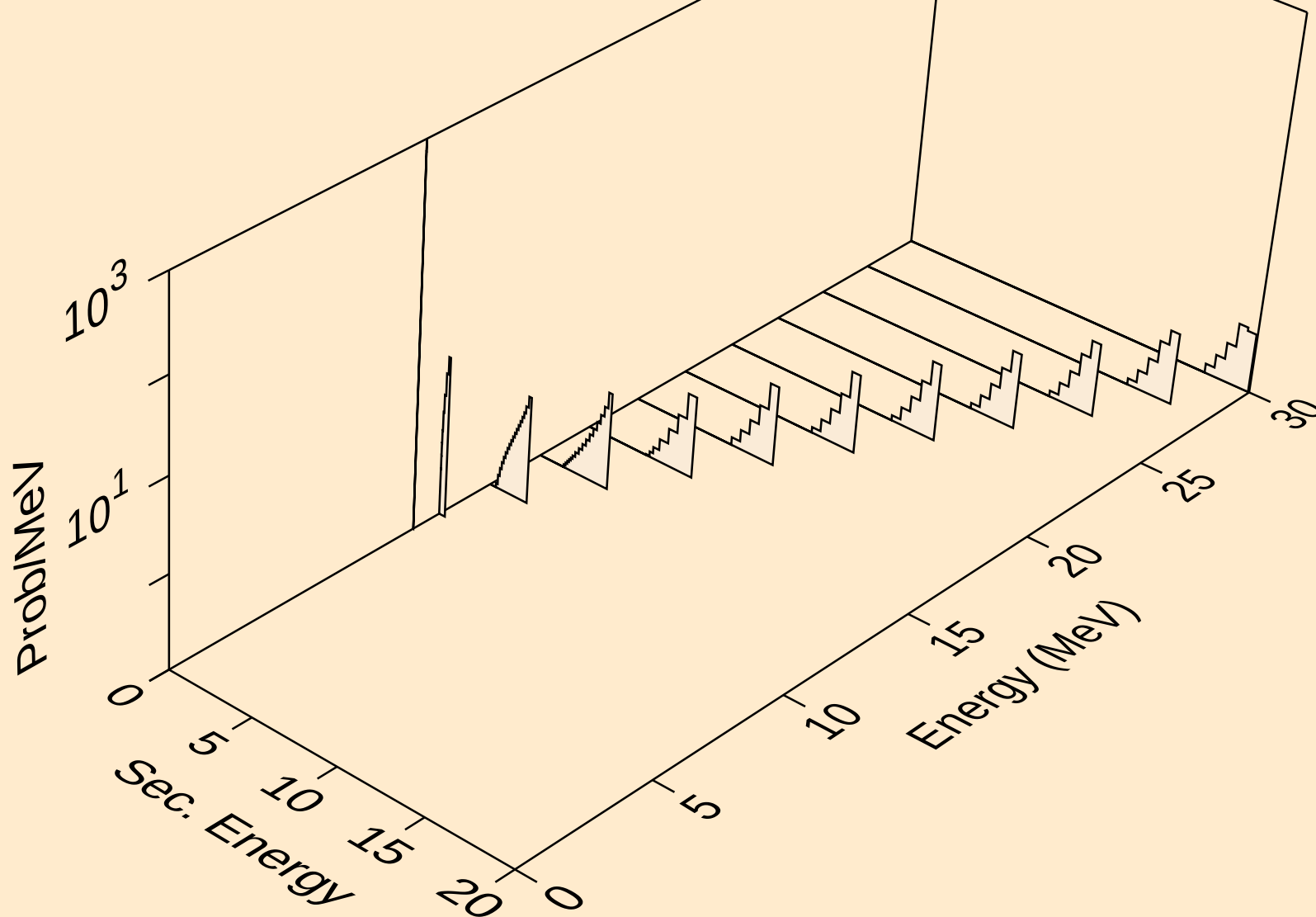
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Neutron emission for (n,n2p)



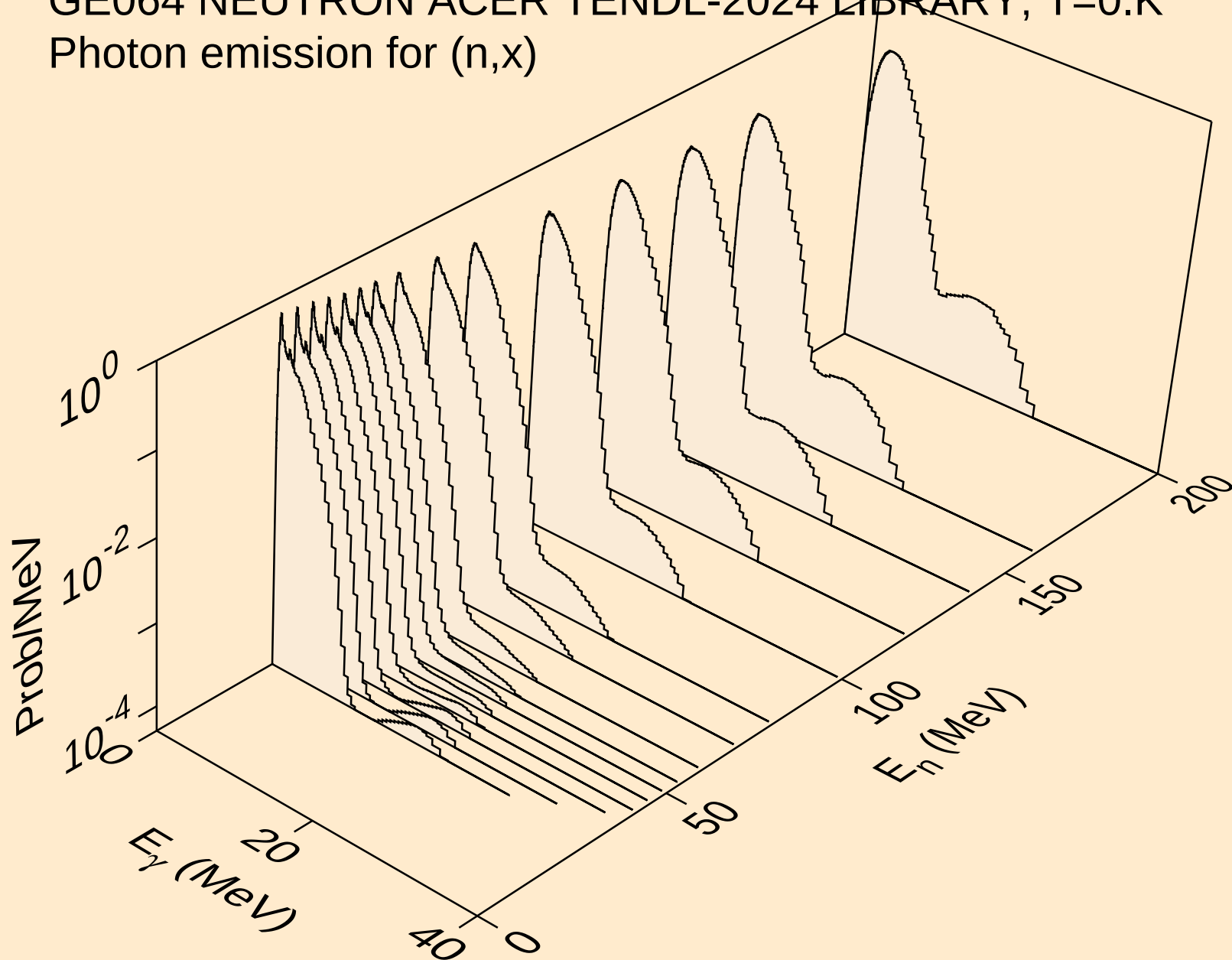
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



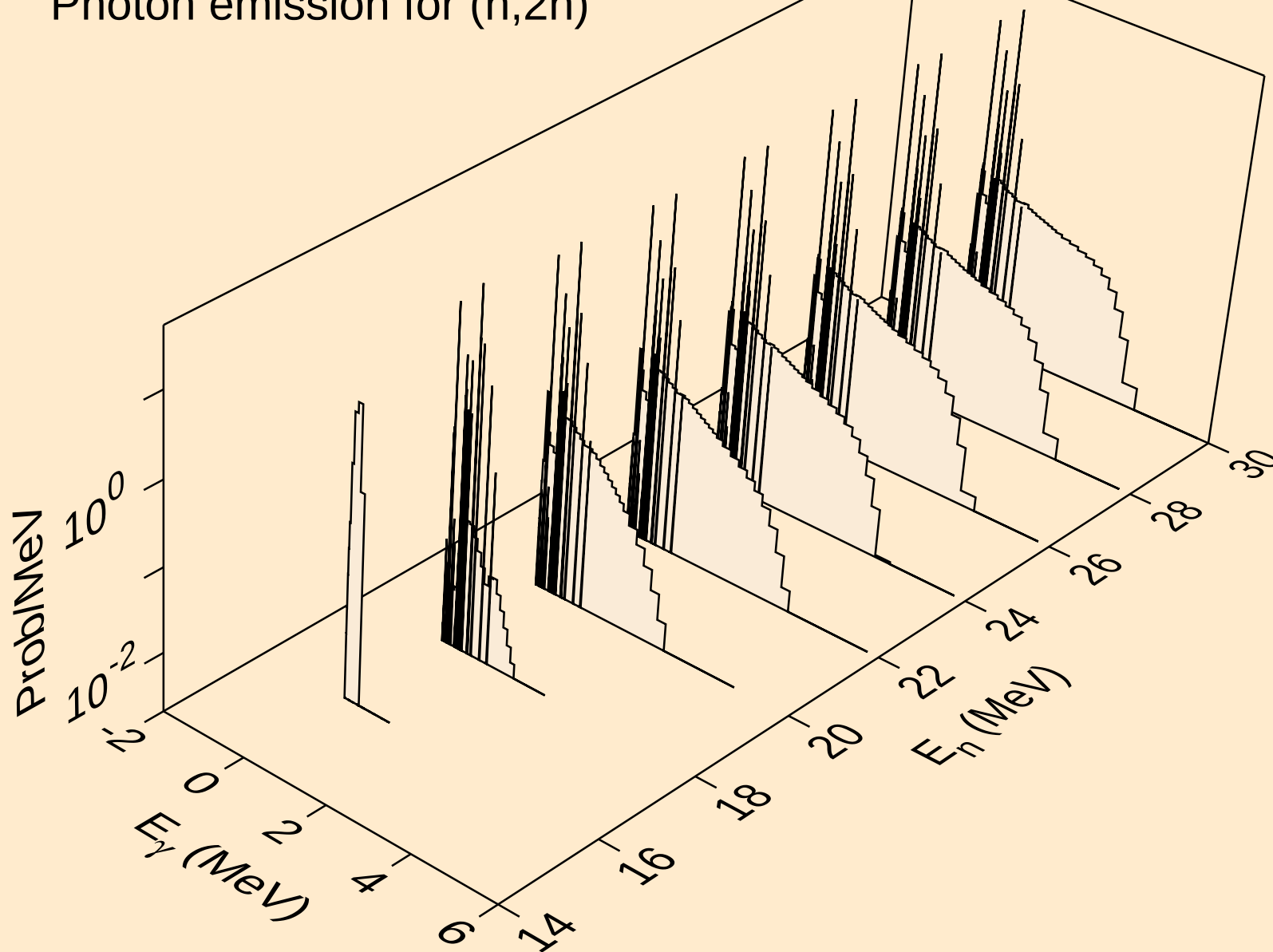
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



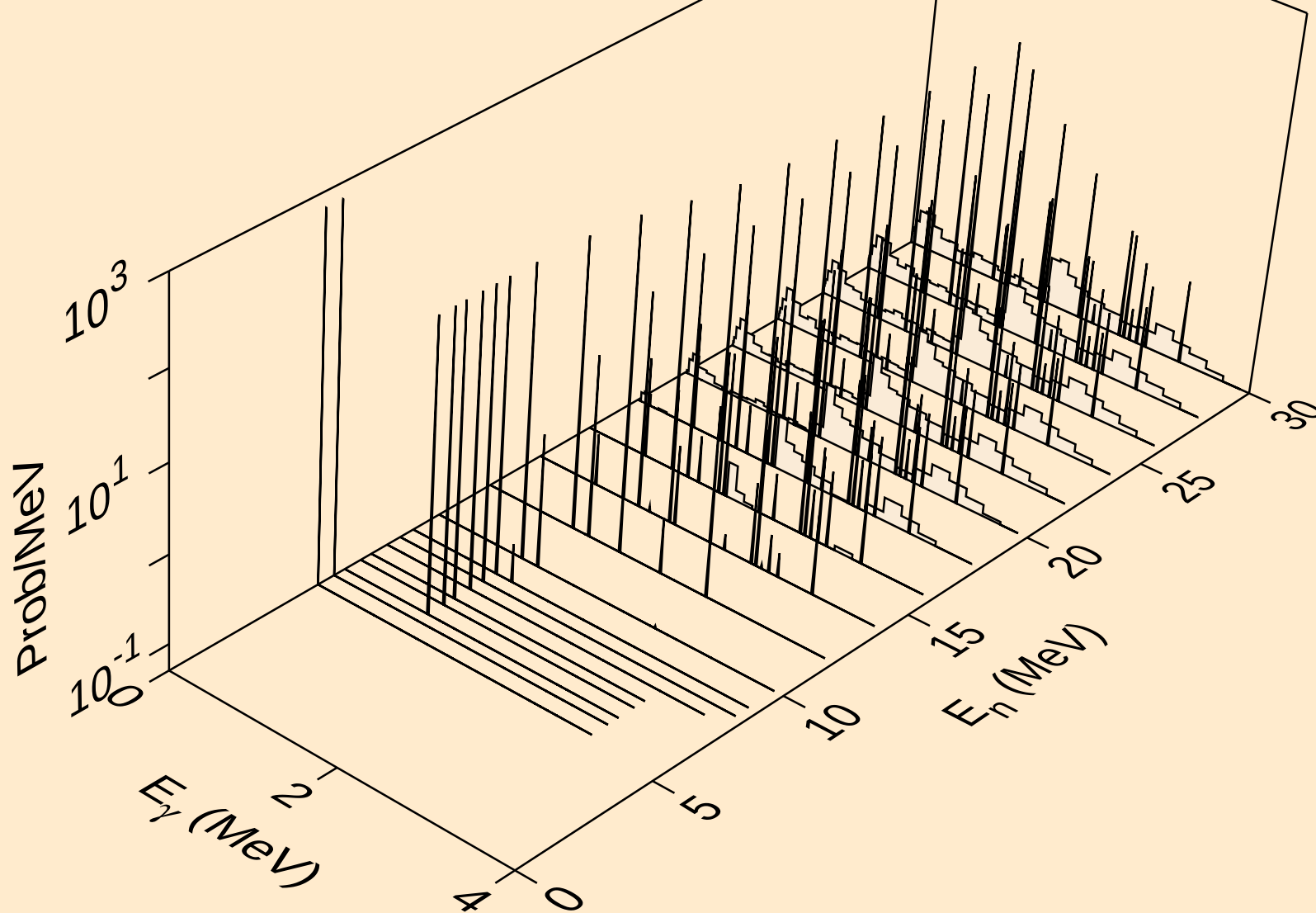
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

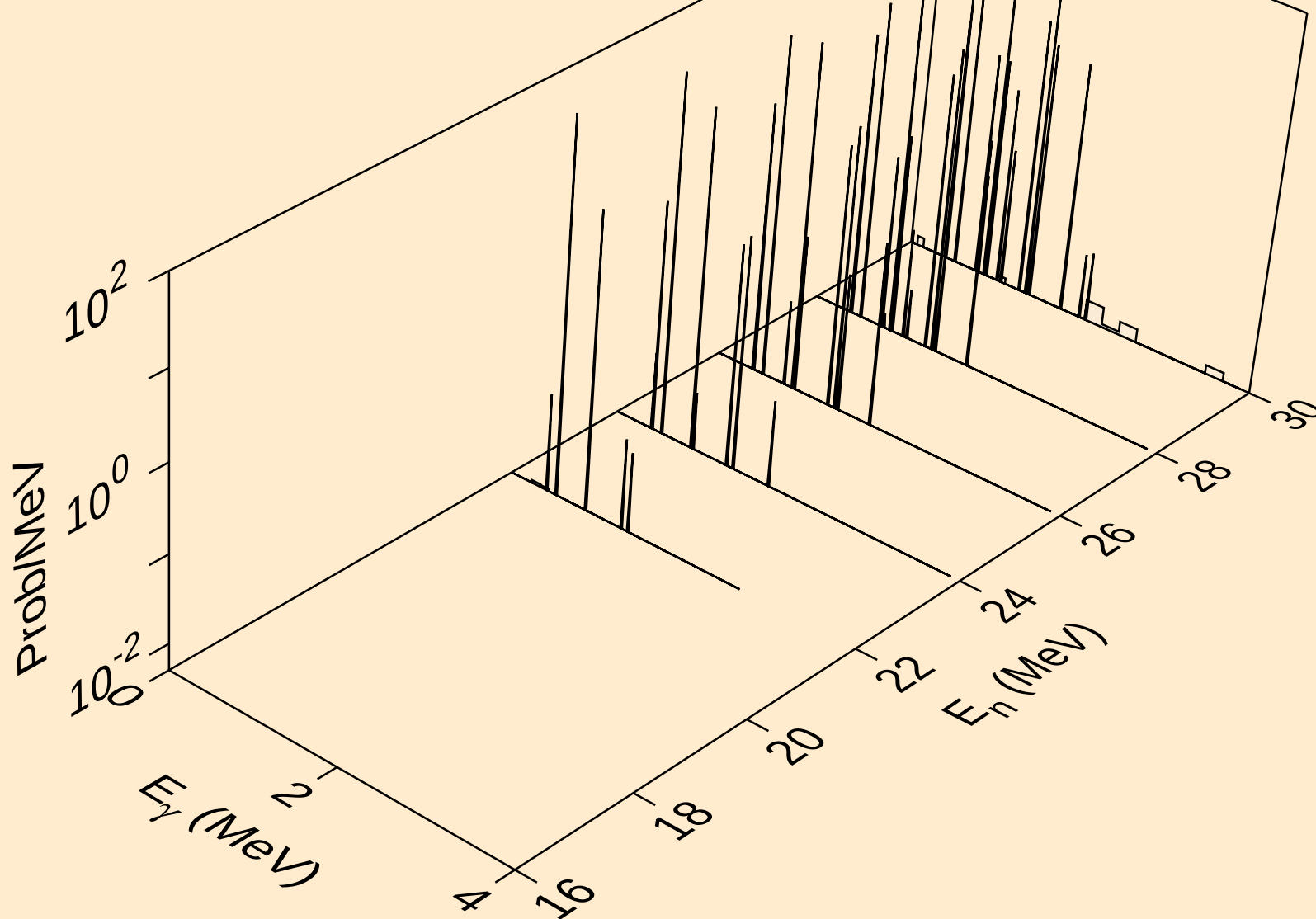


GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

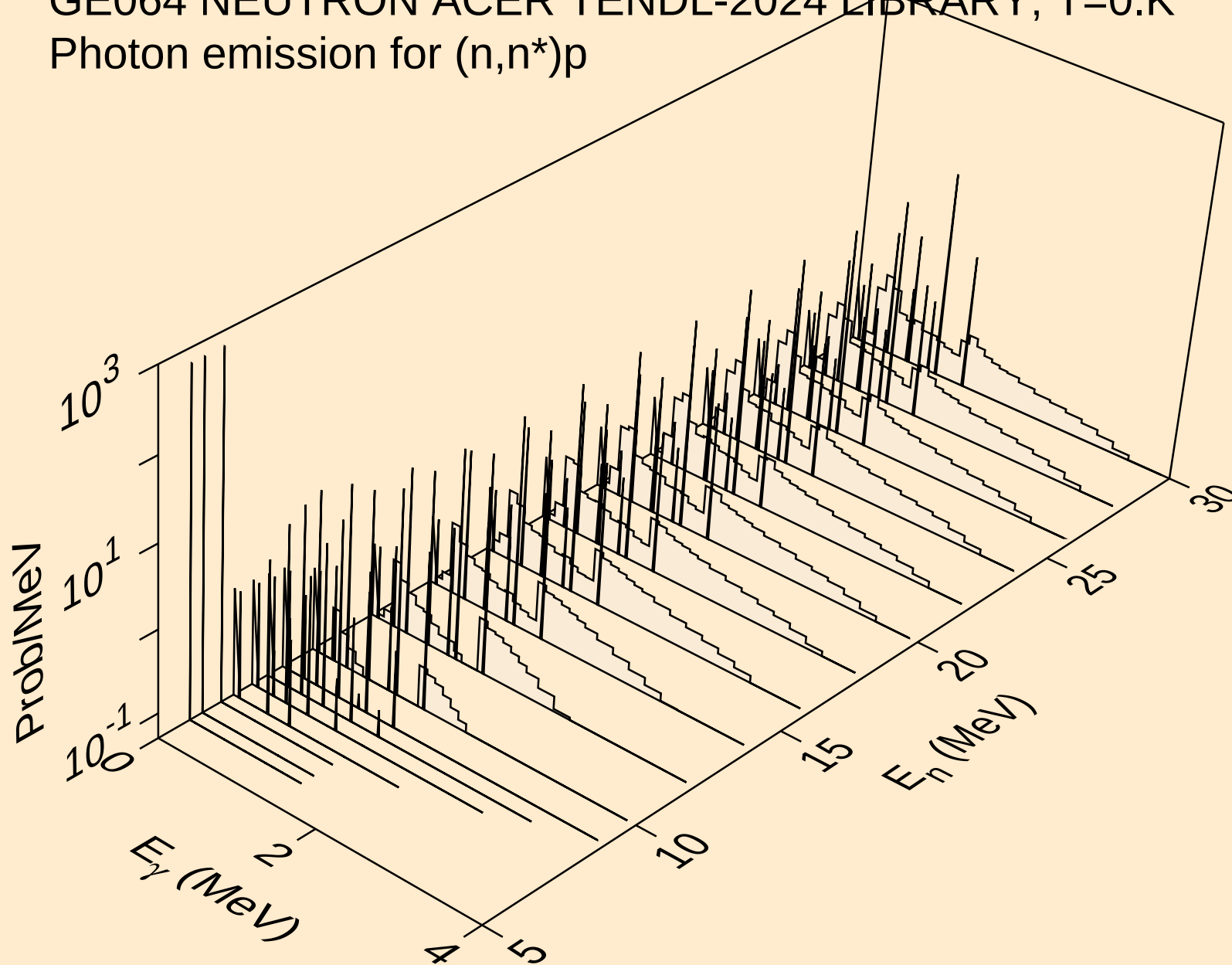


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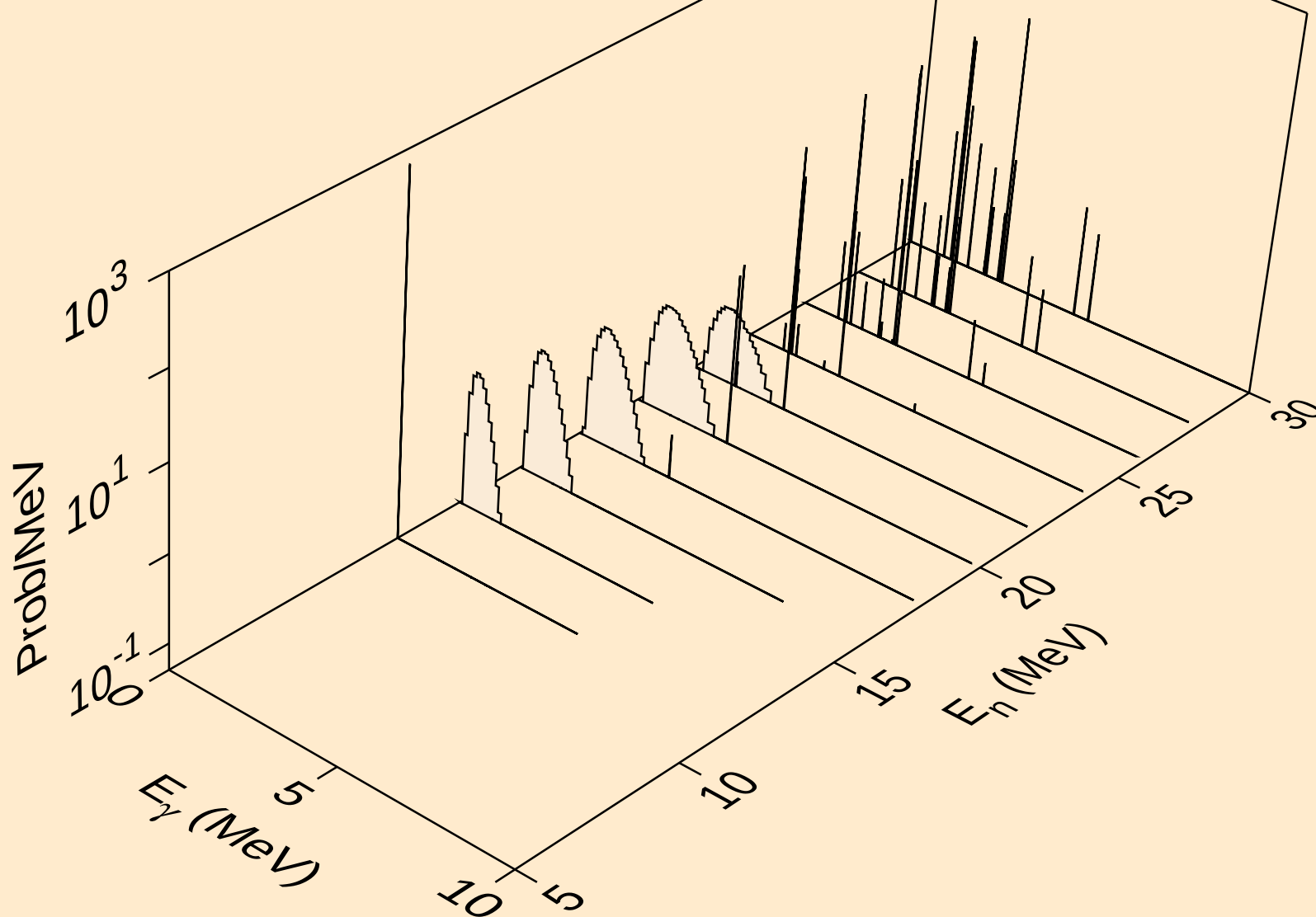
Photon emission for (n,2n) $\alpha$



GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

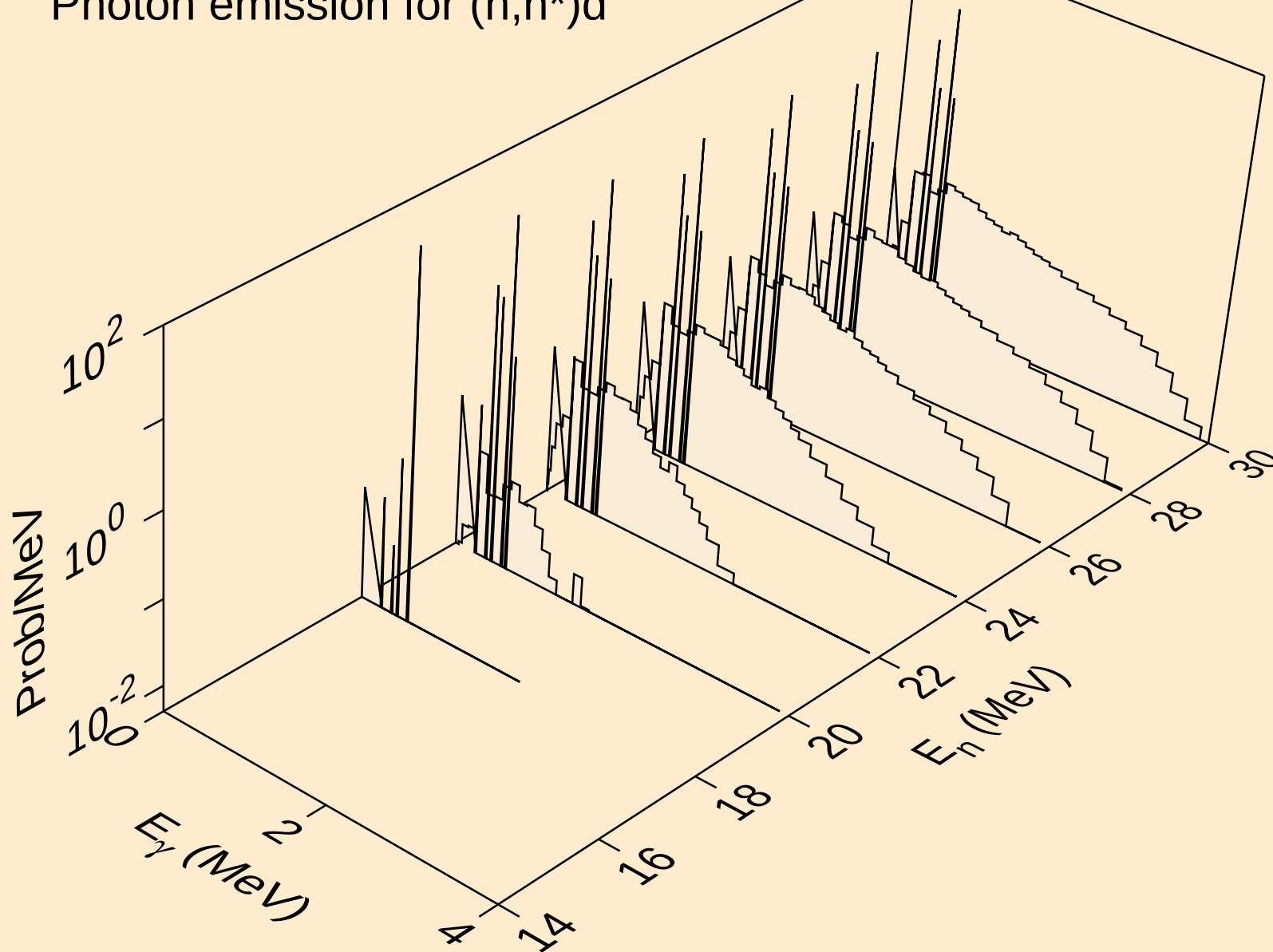


GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



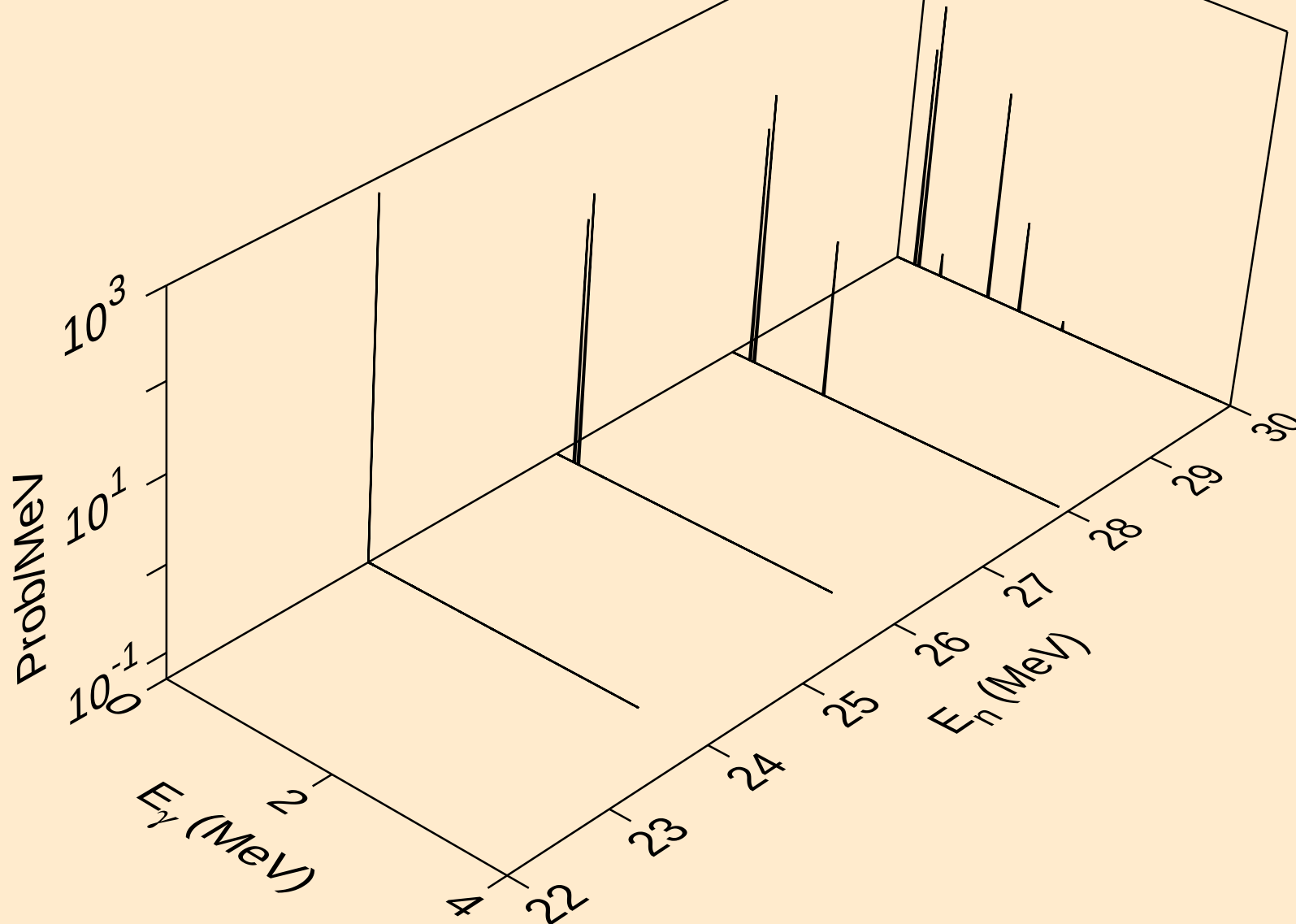
# GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)d

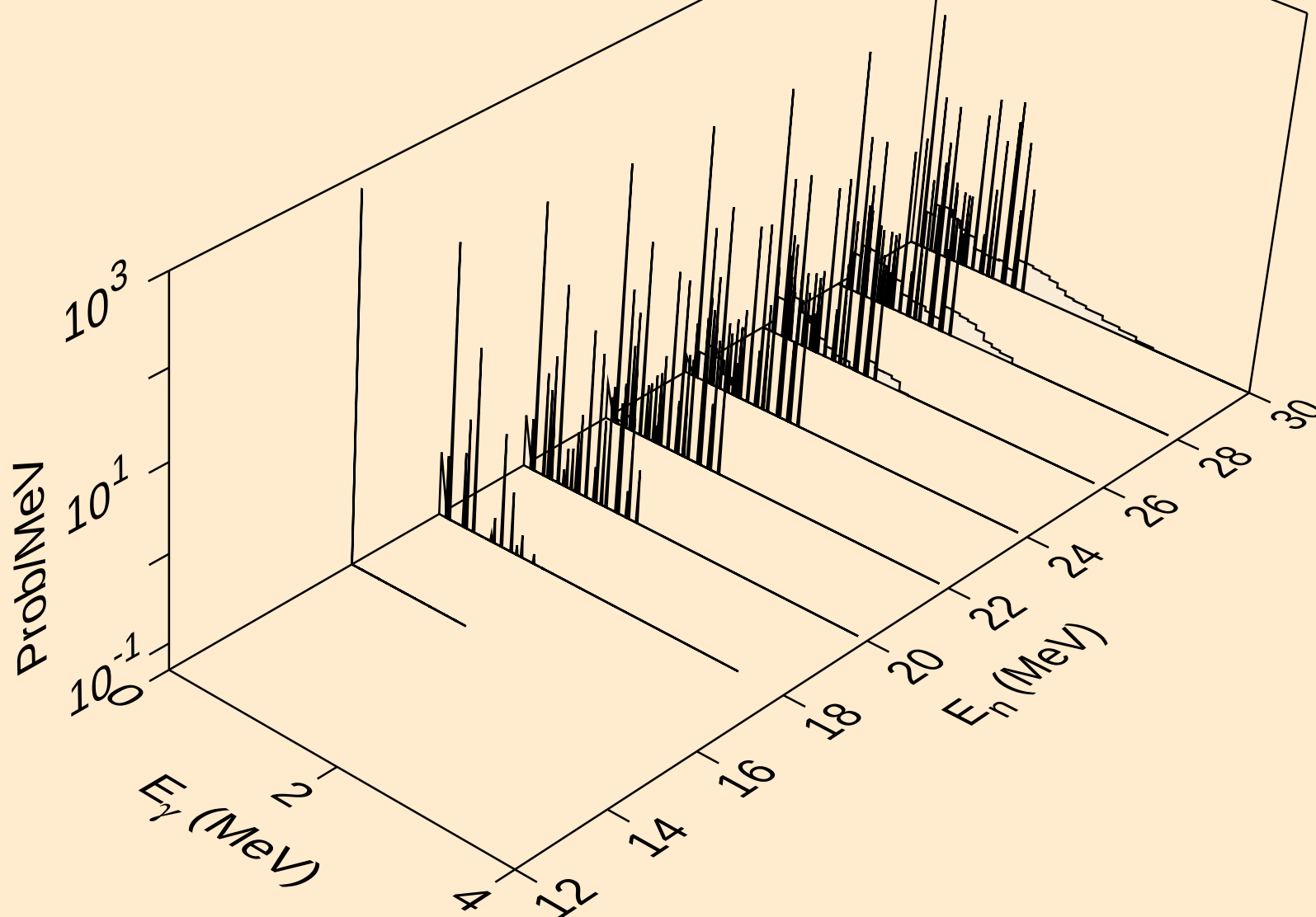


GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

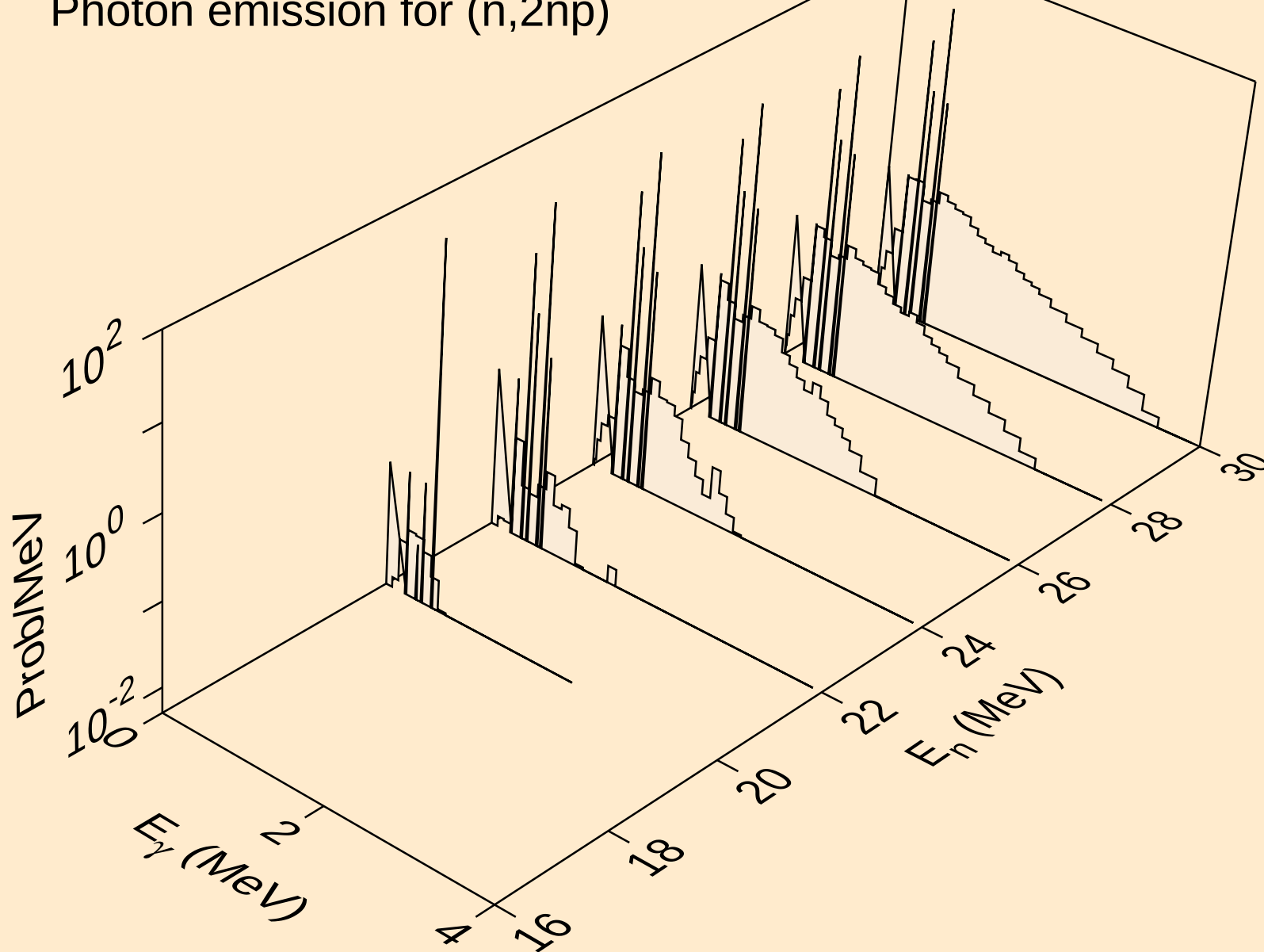
Photon emission for (n,n\*)t



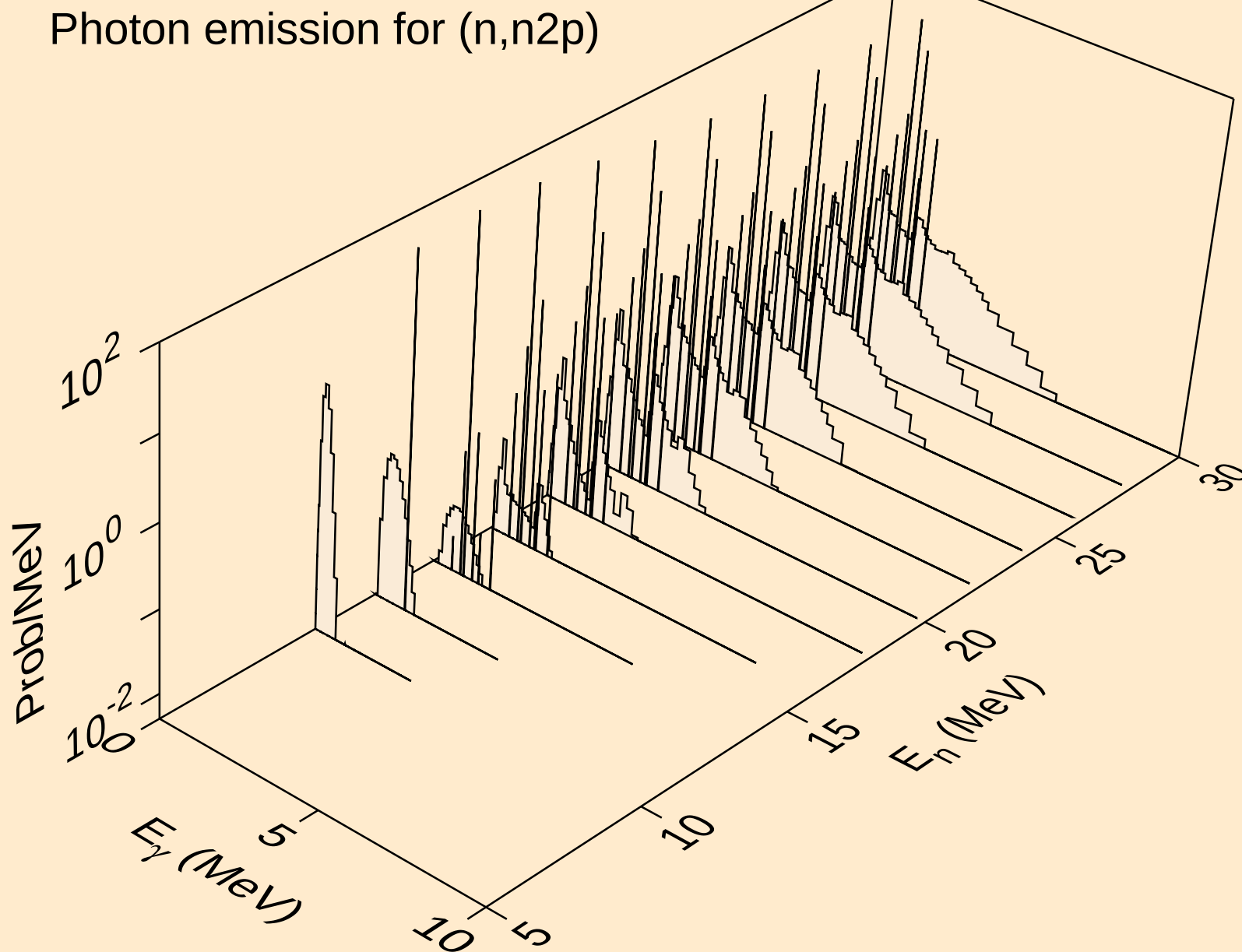
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



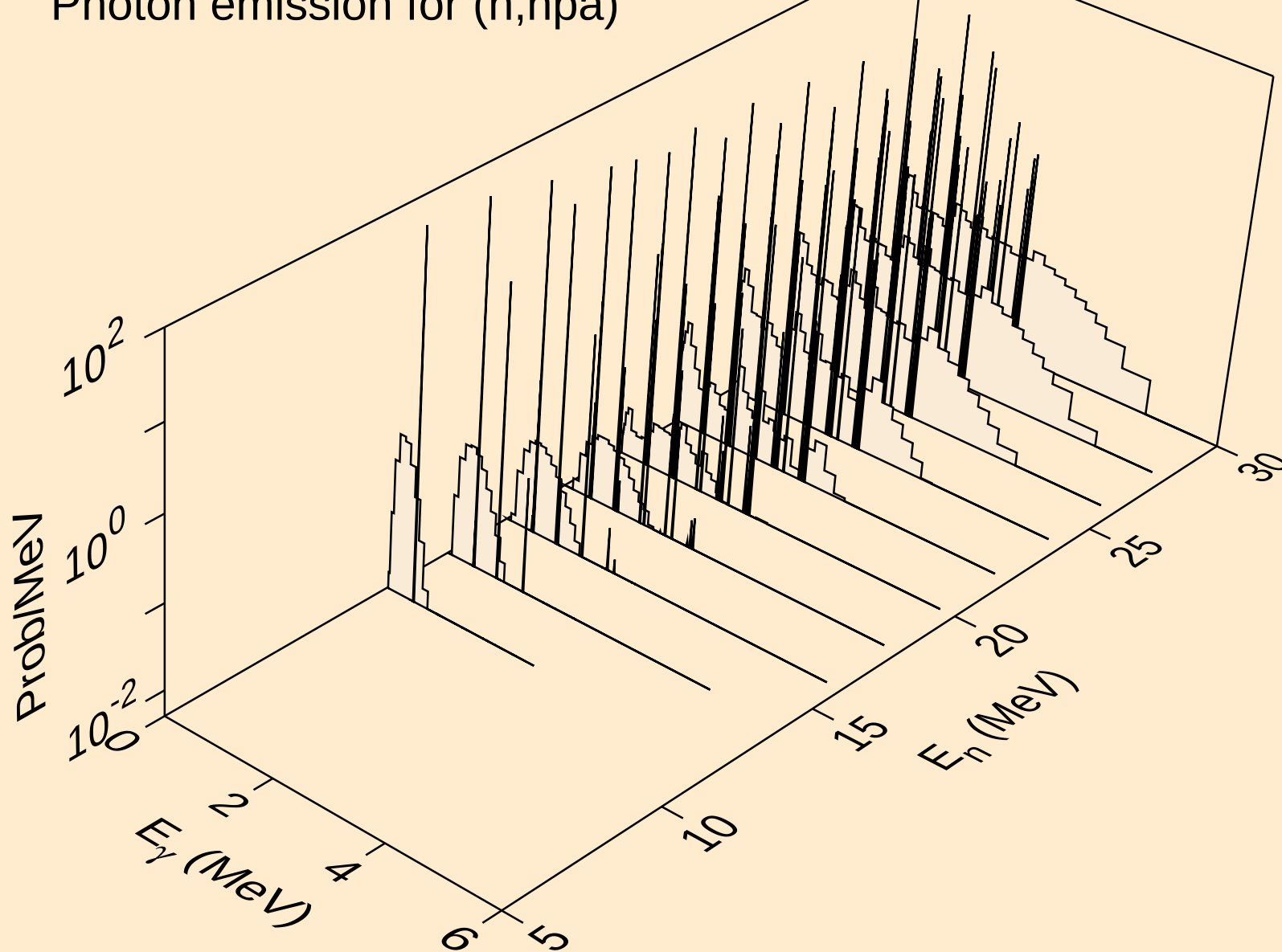
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Photon emission for (n,2np)



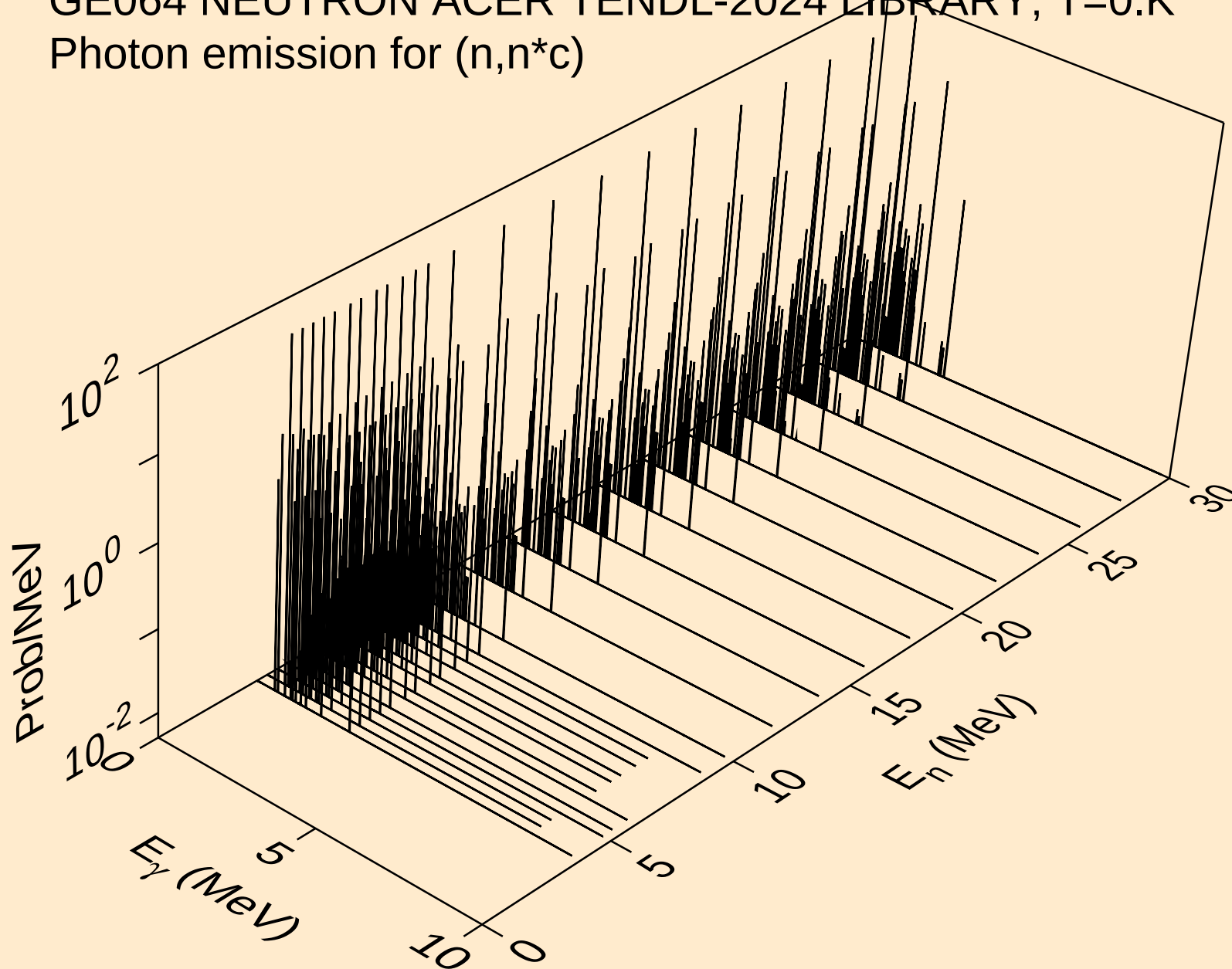
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



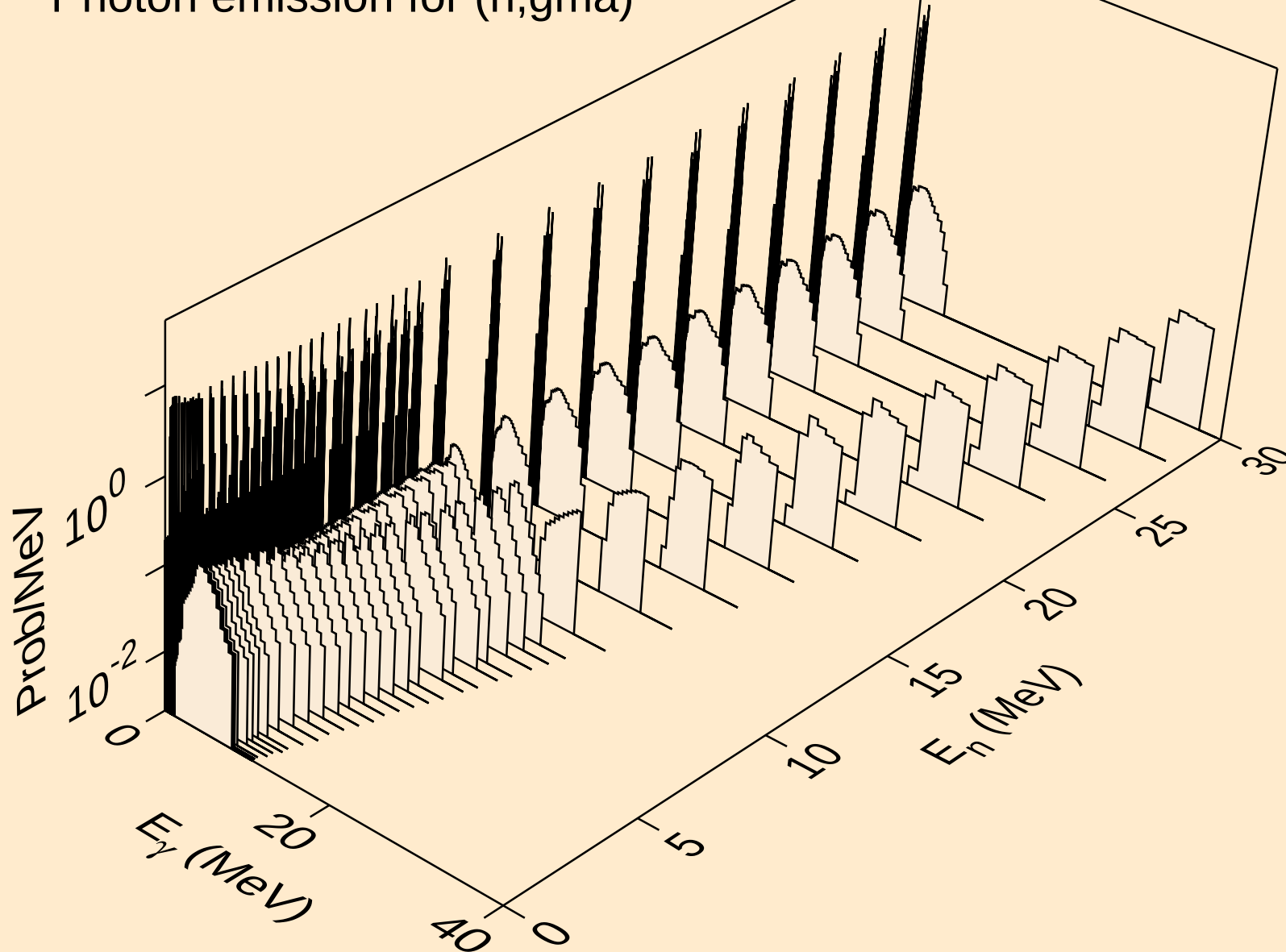
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



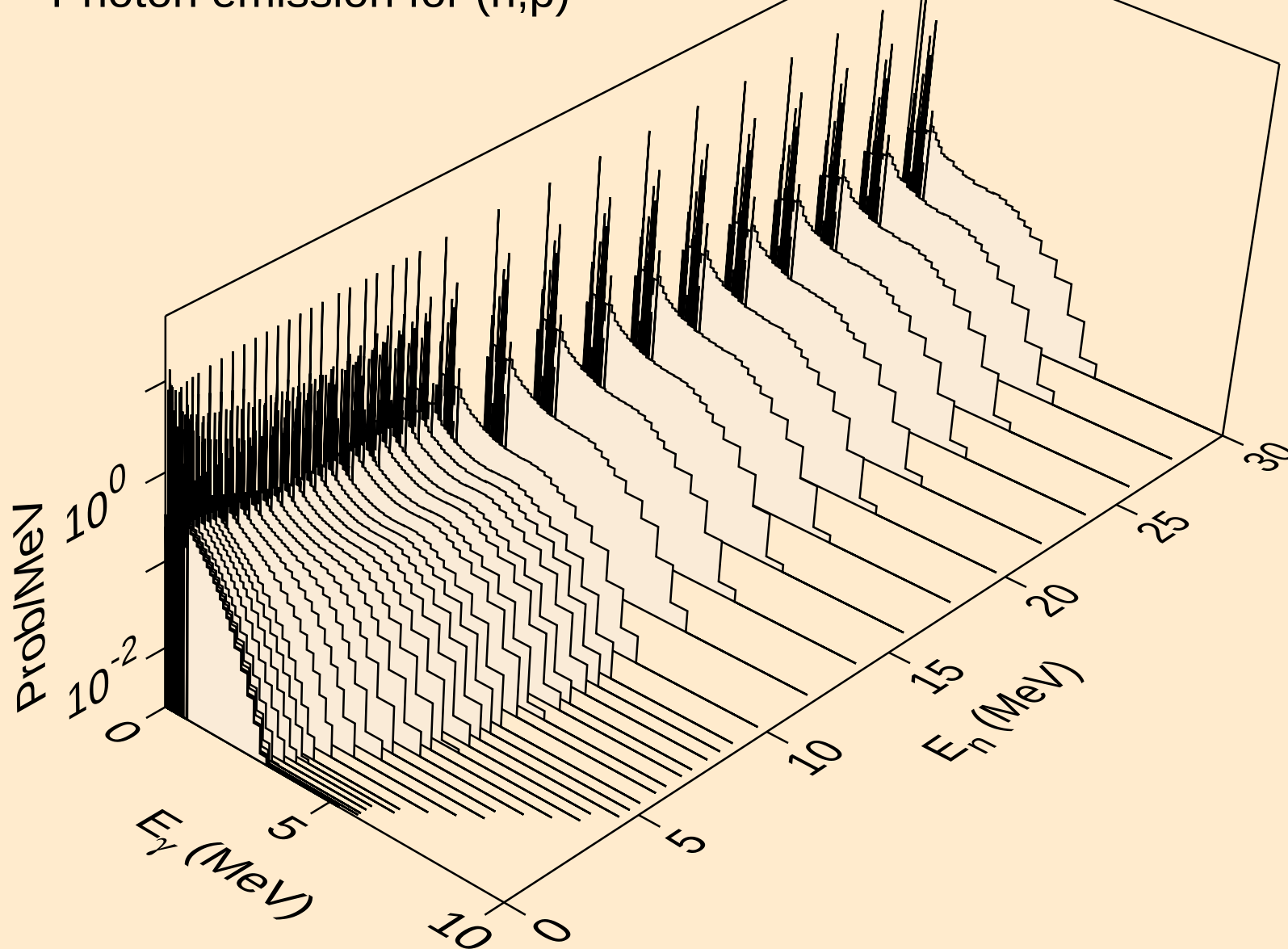
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



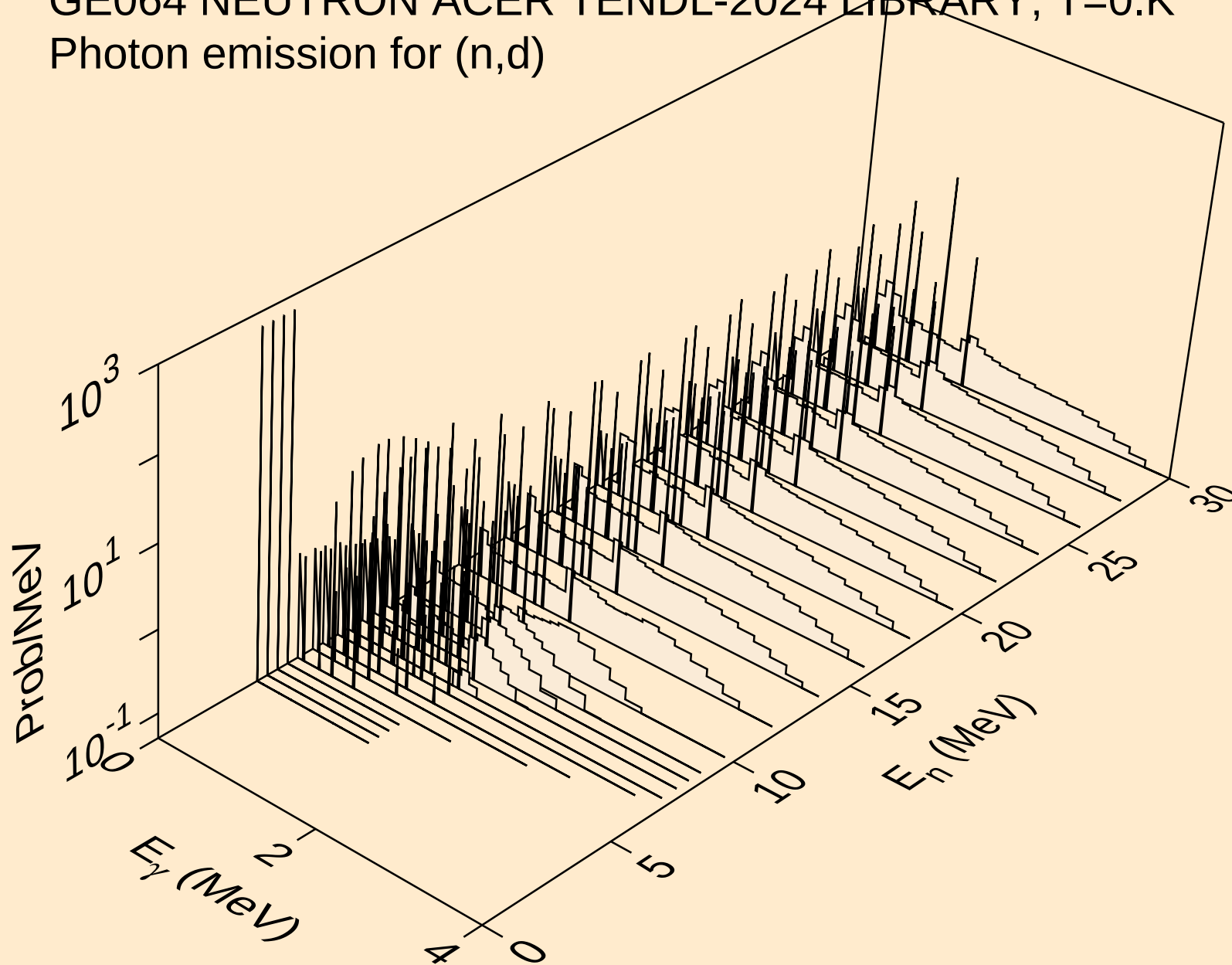
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Photon emission for (n,gma)



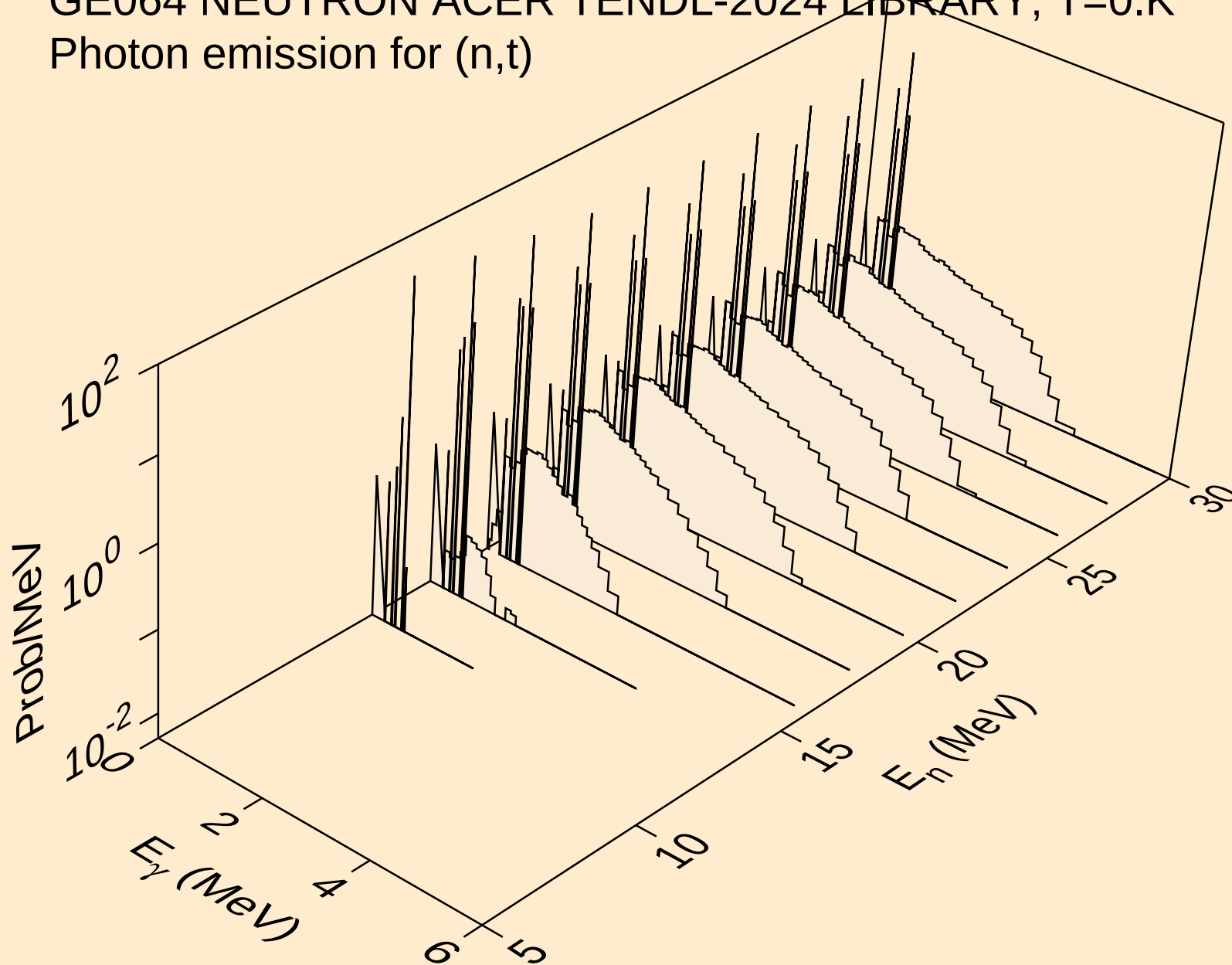
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



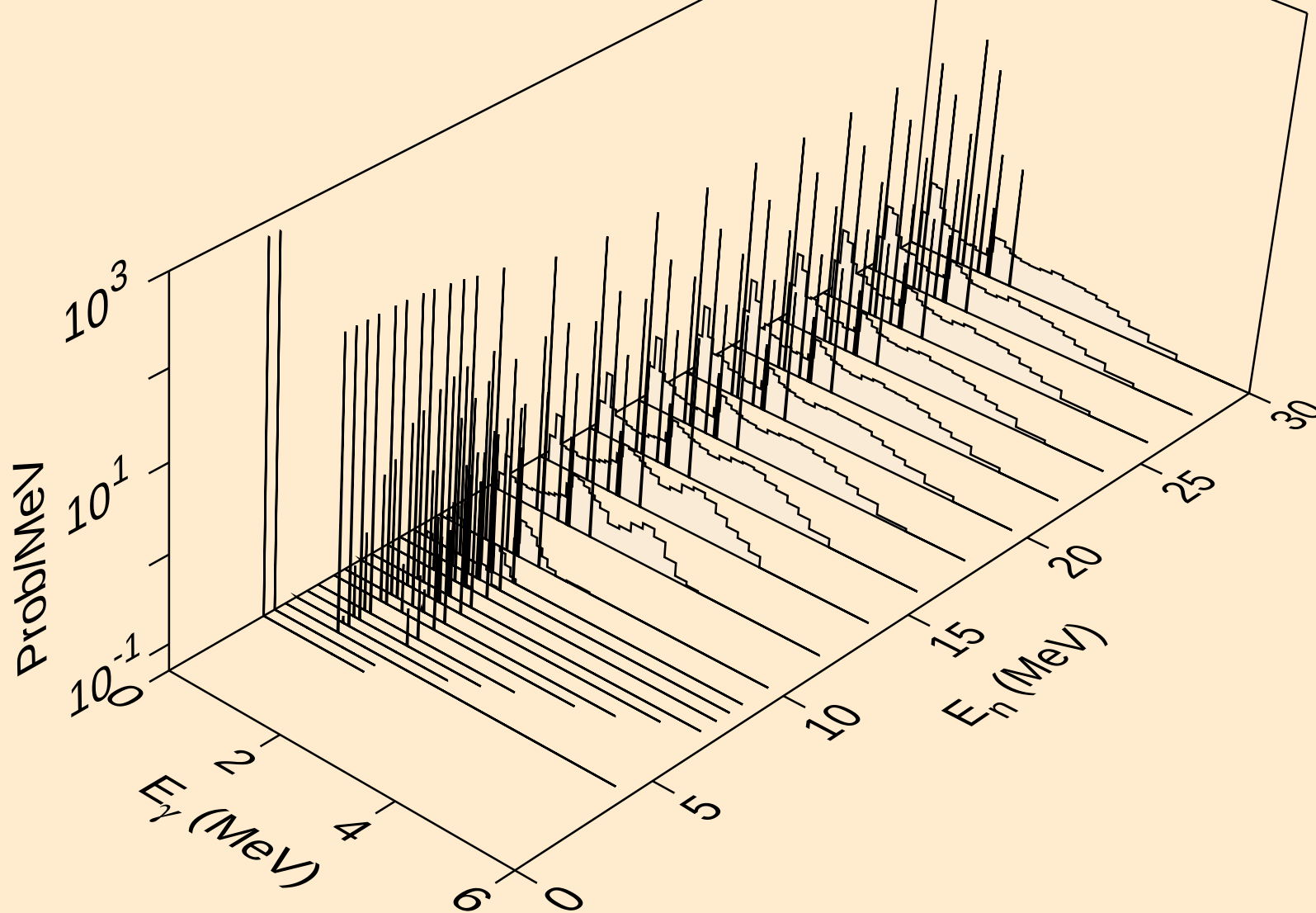
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



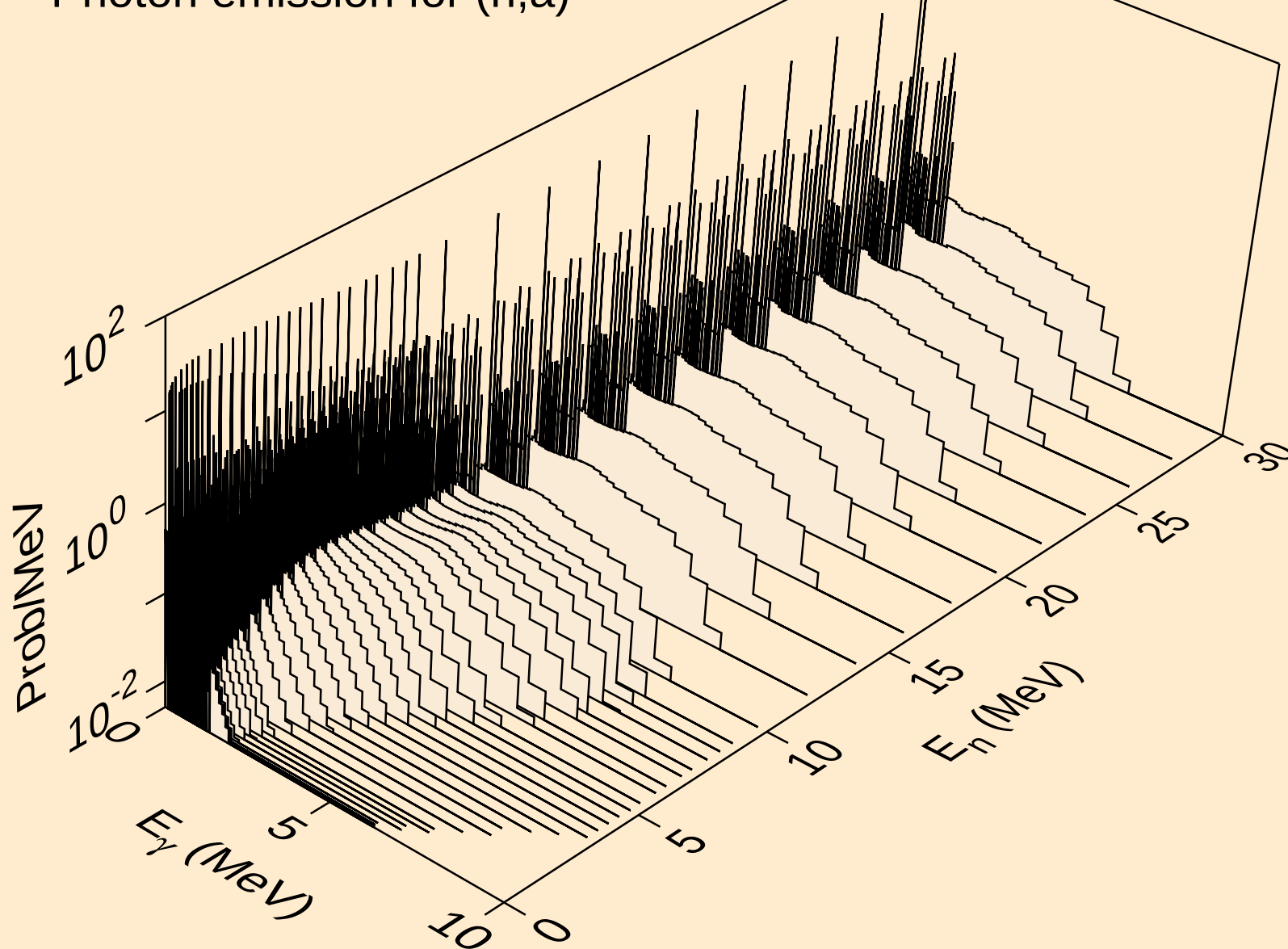
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



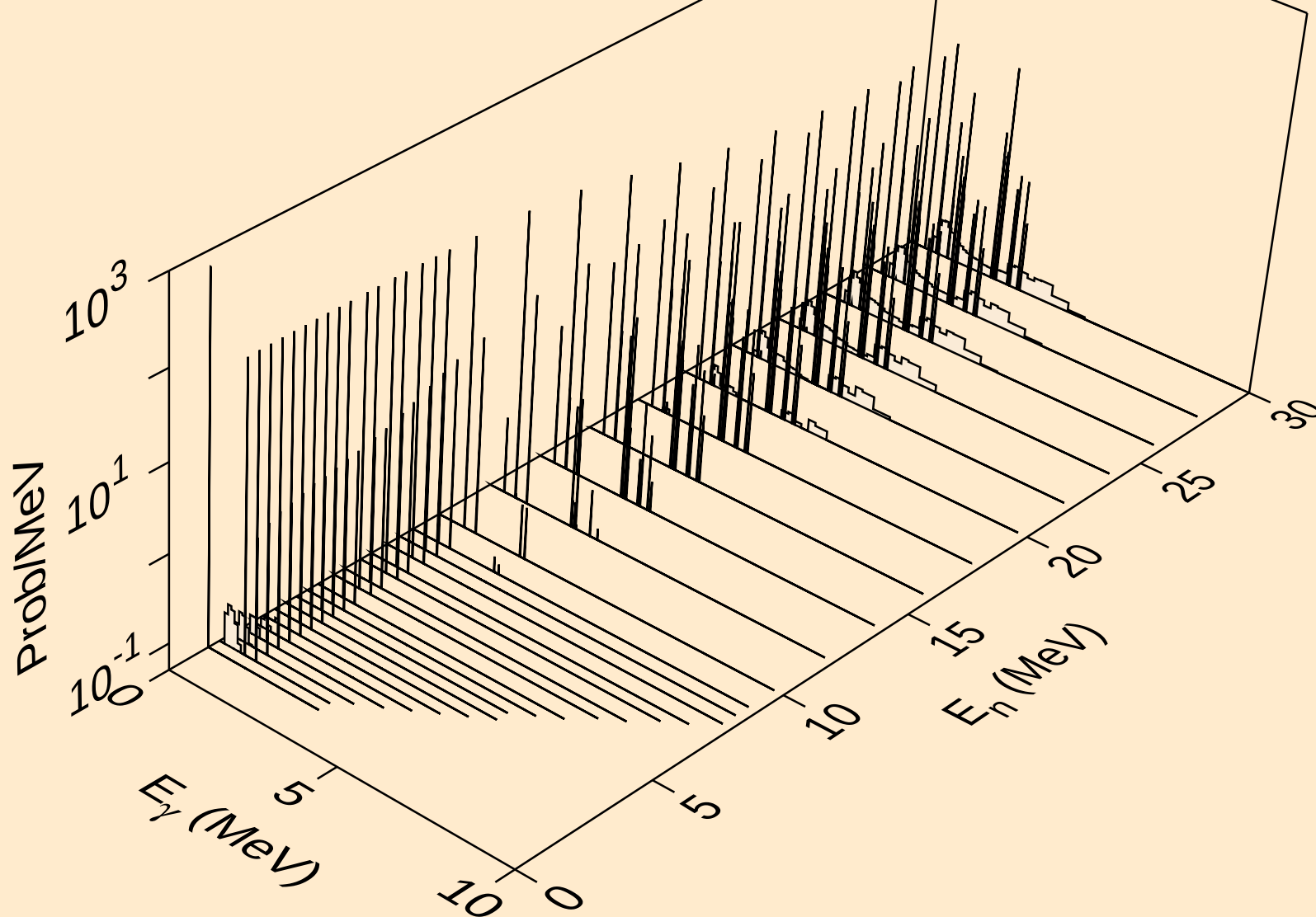
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



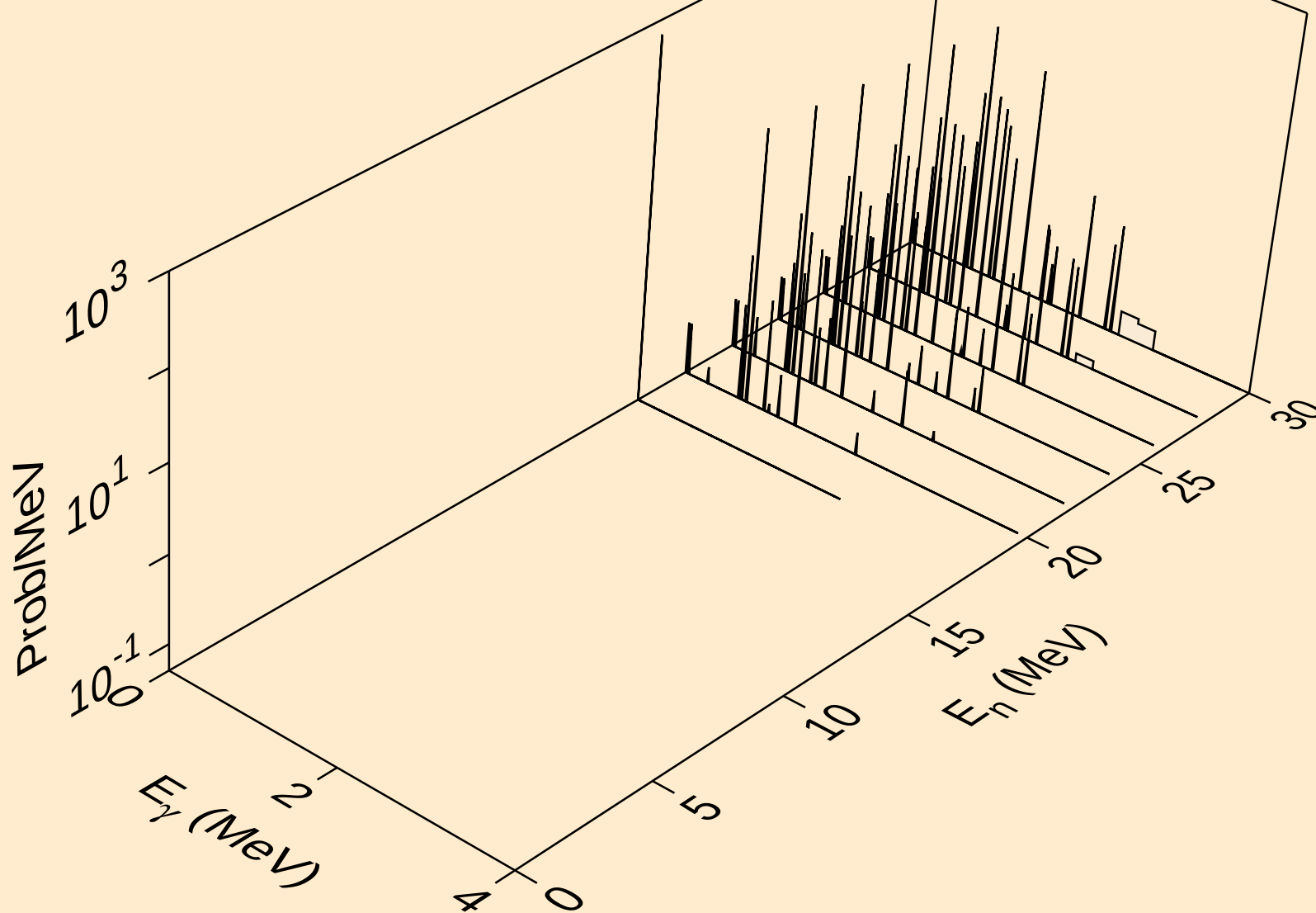
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



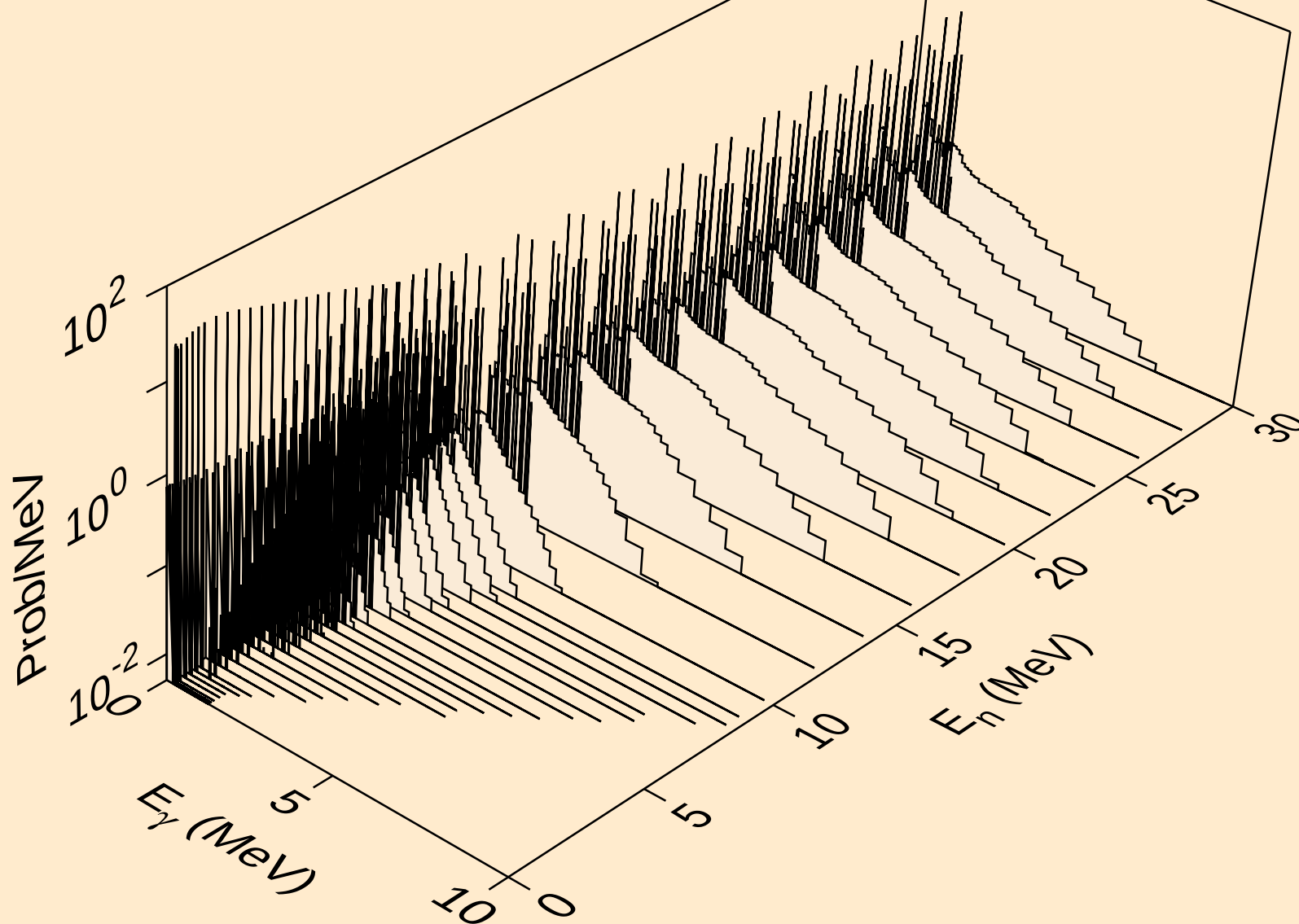
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



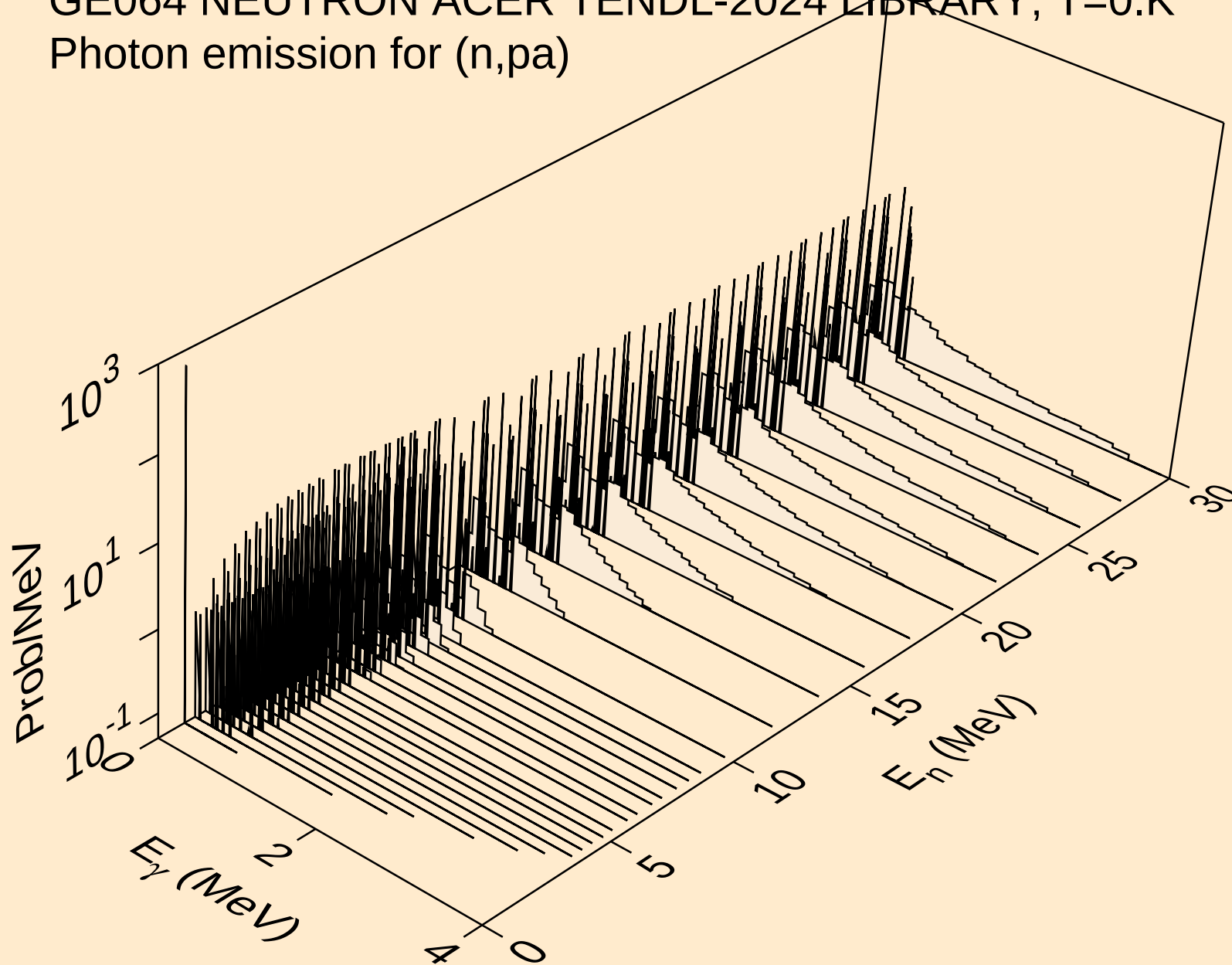
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



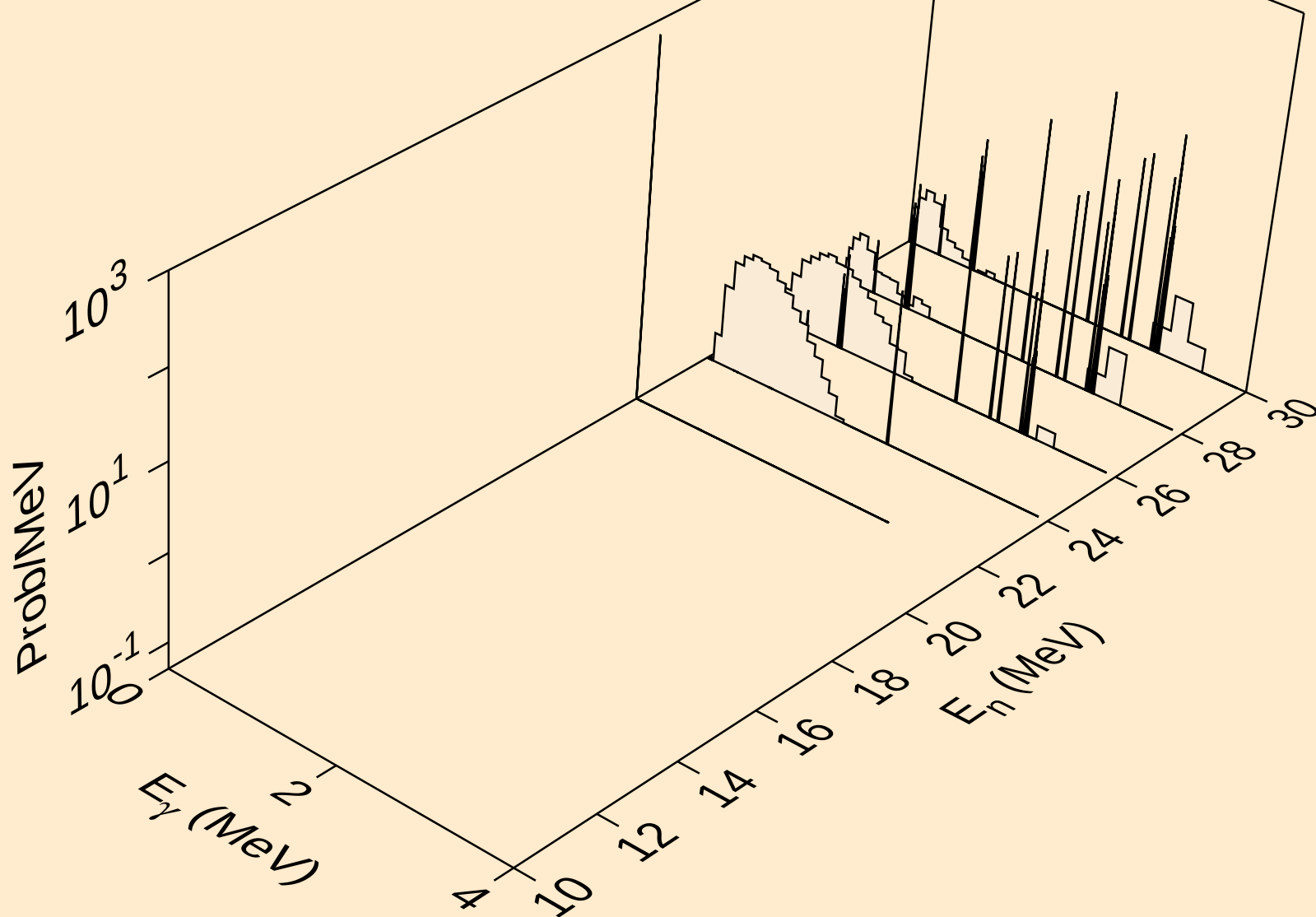
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



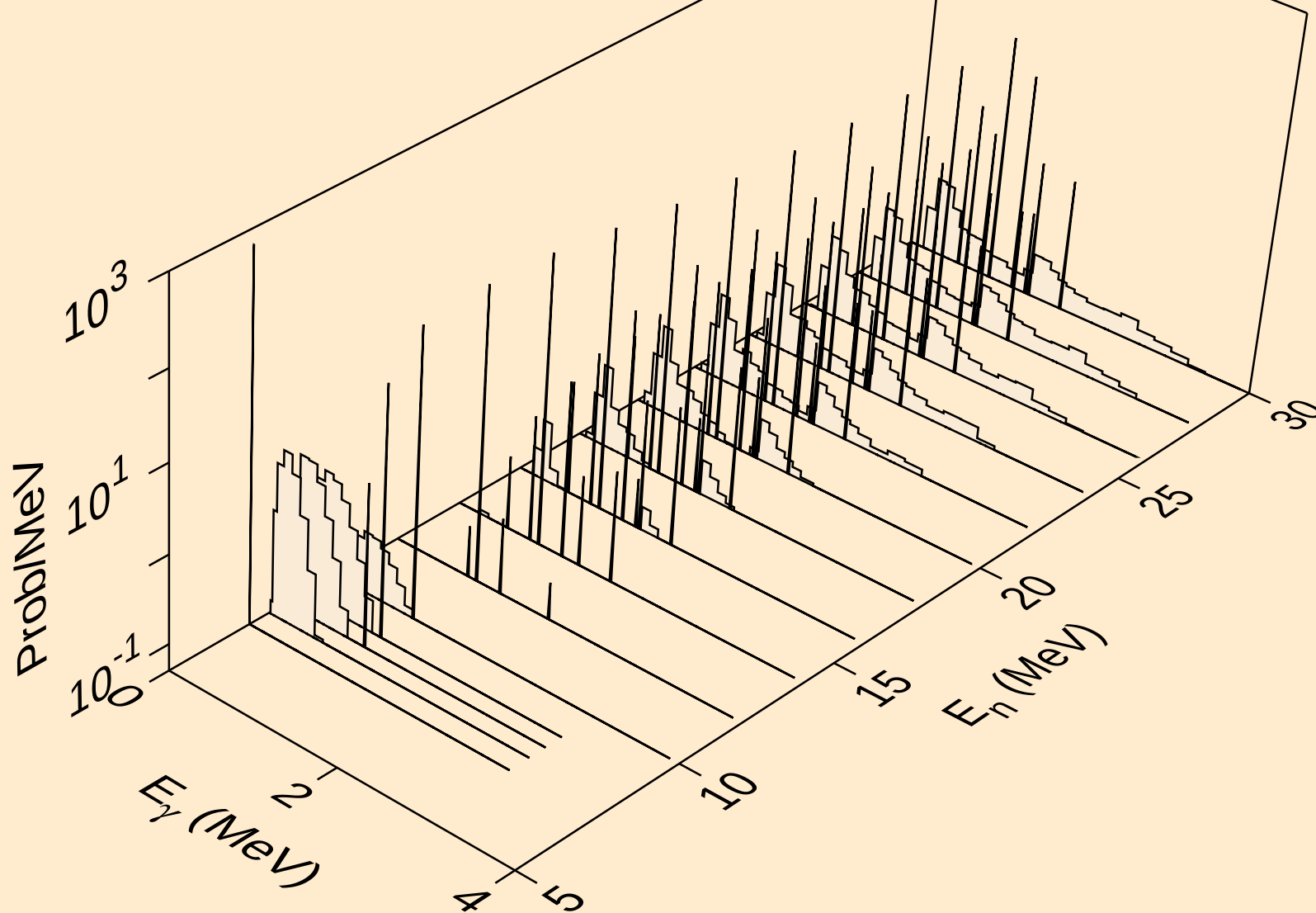
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



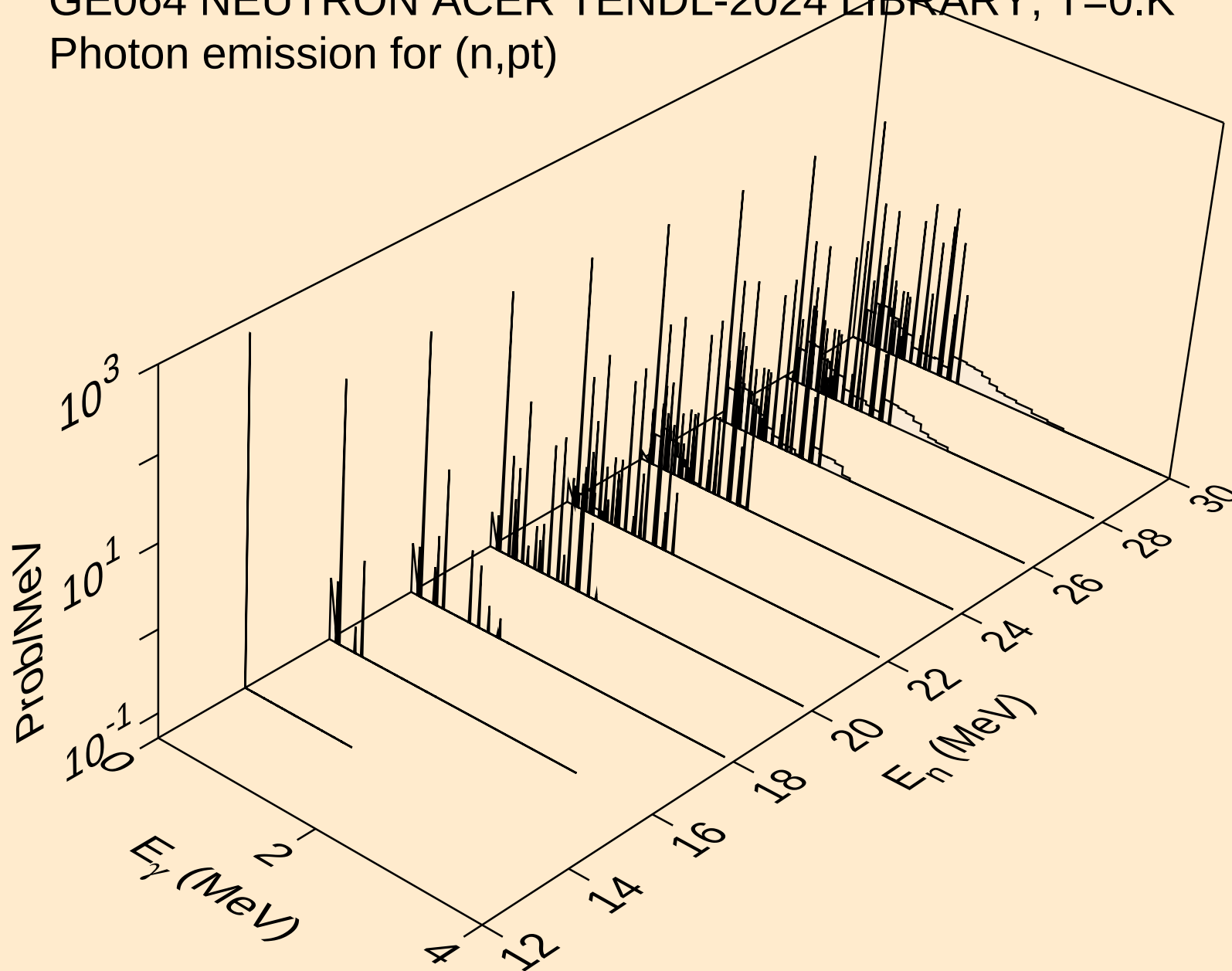
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d2a)



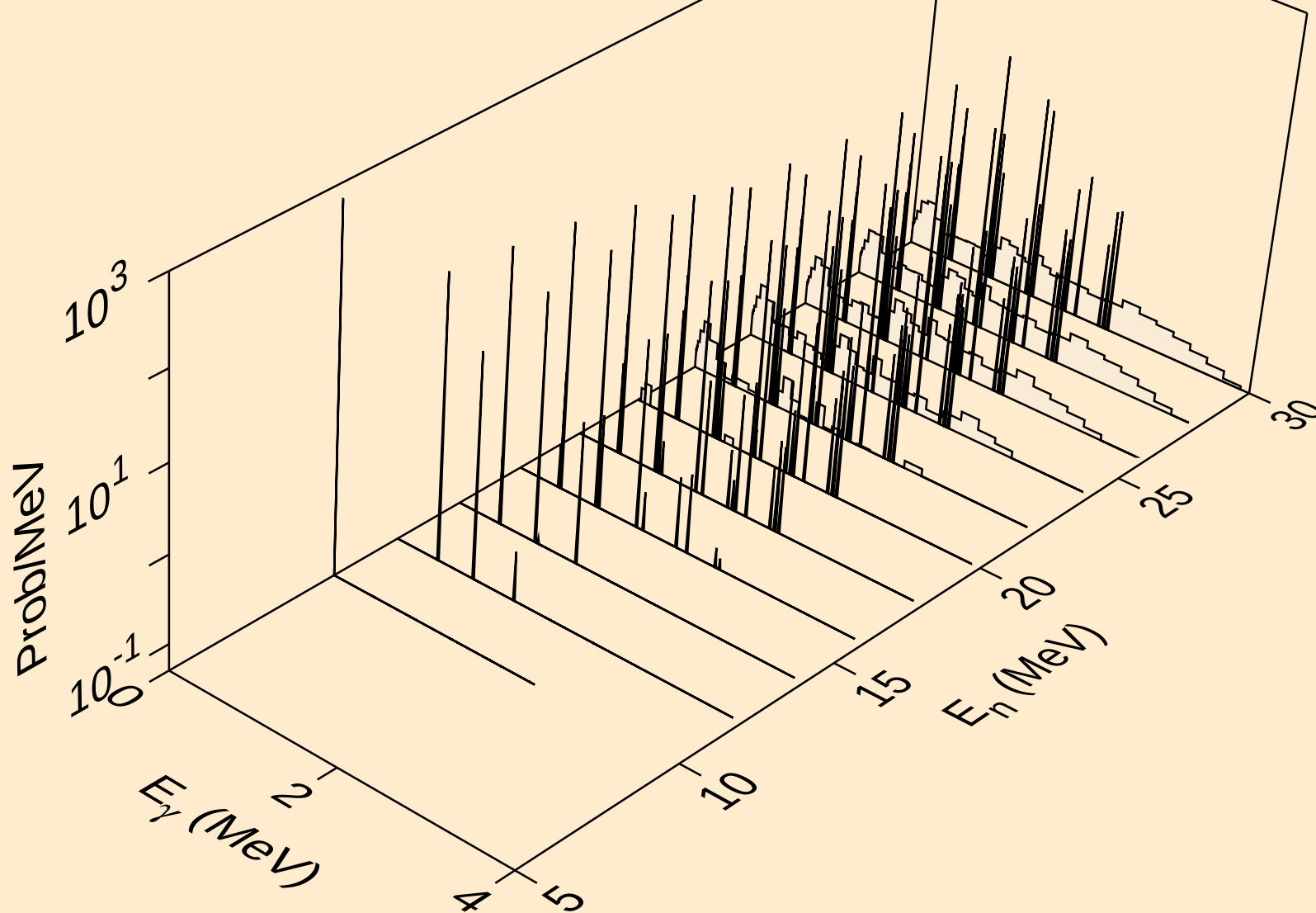
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



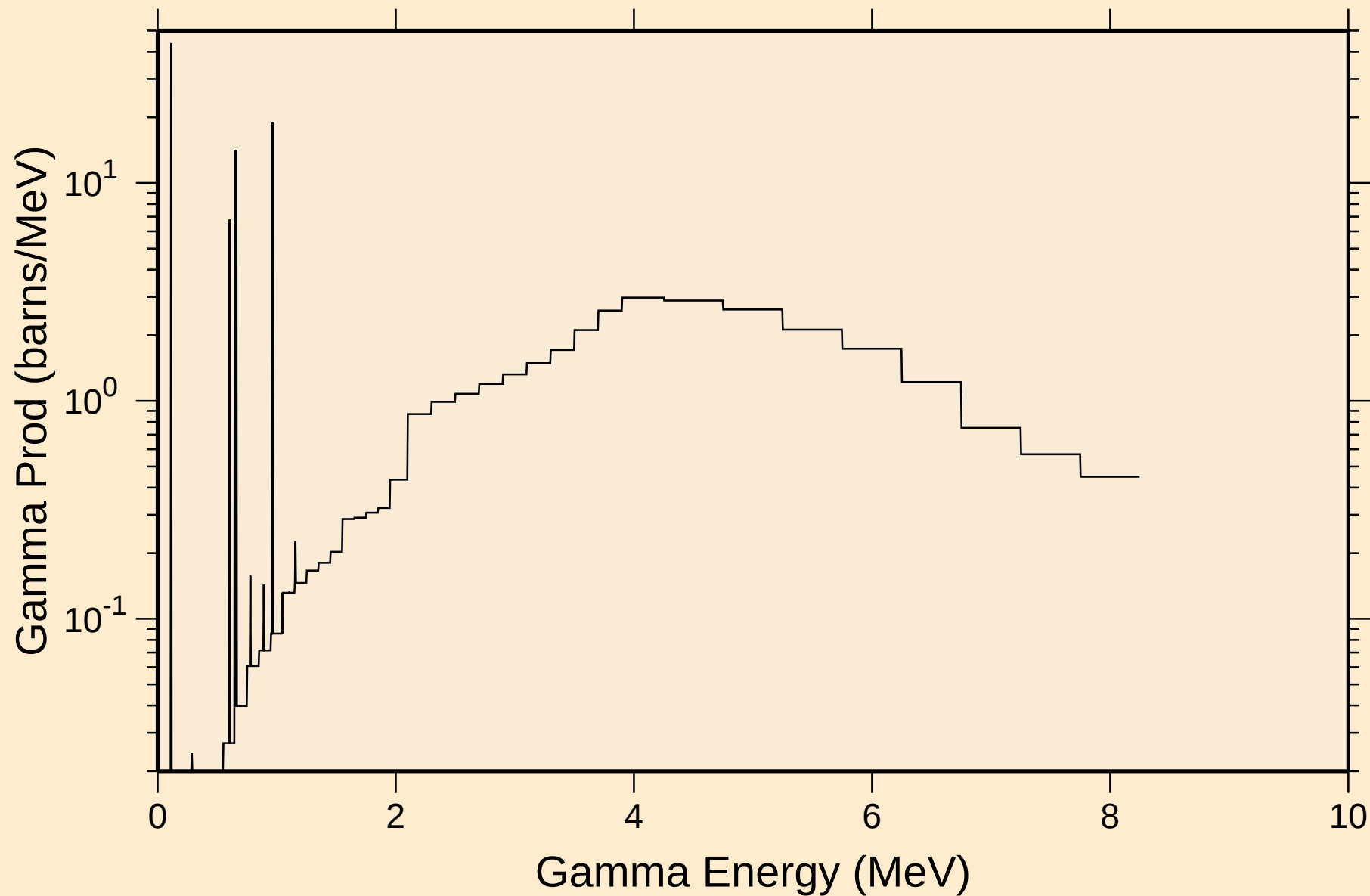
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



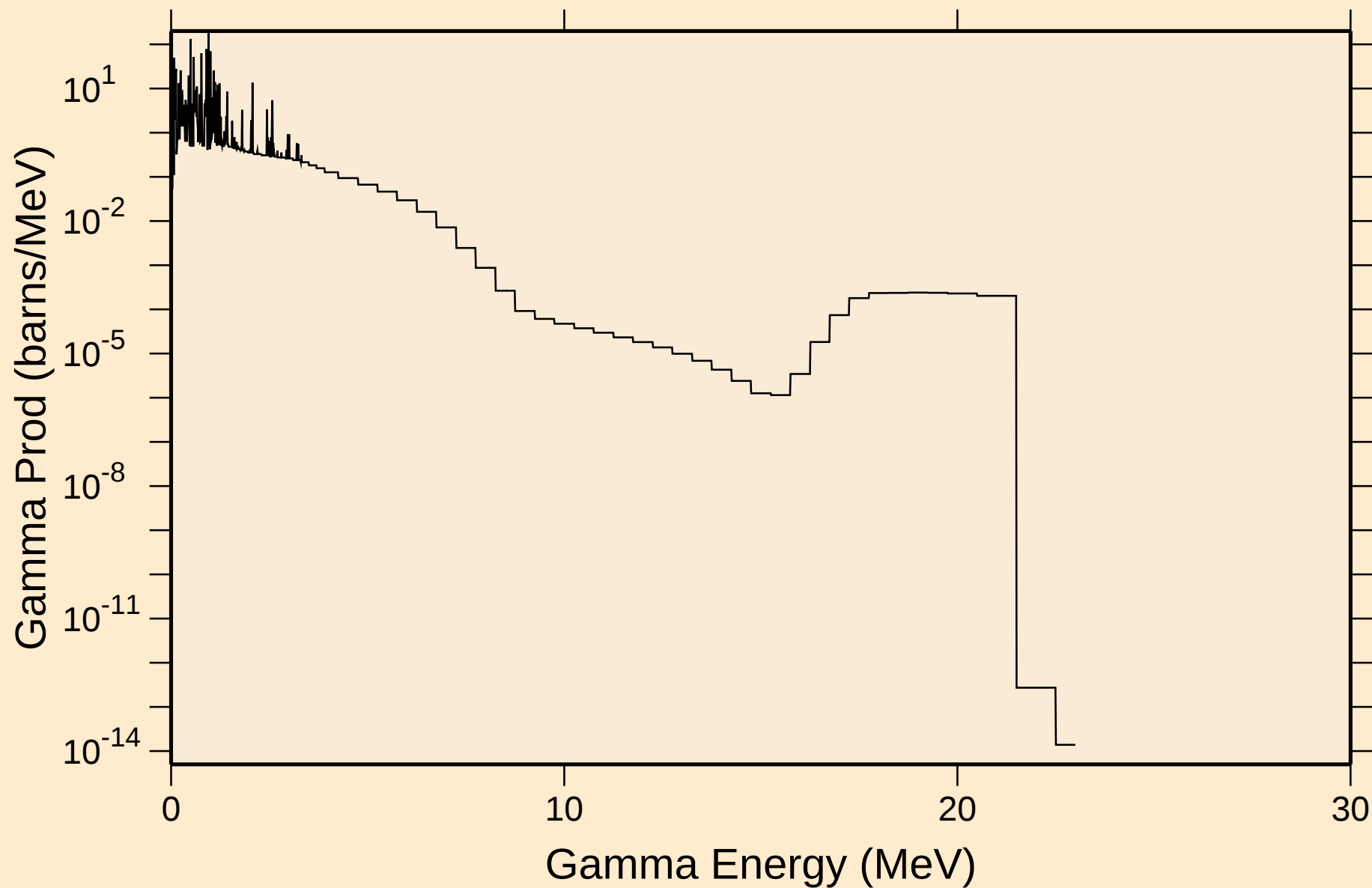
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

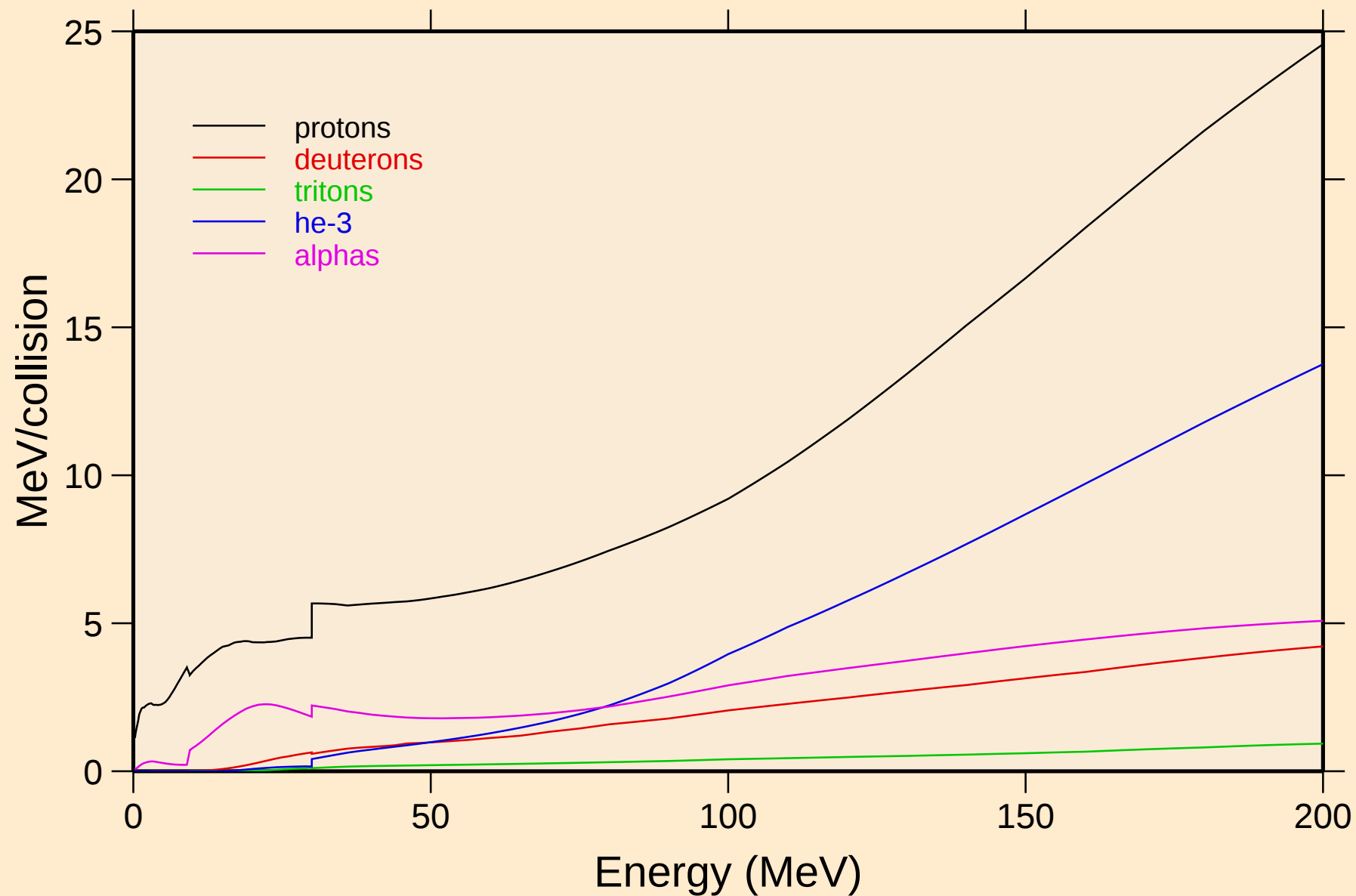


GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

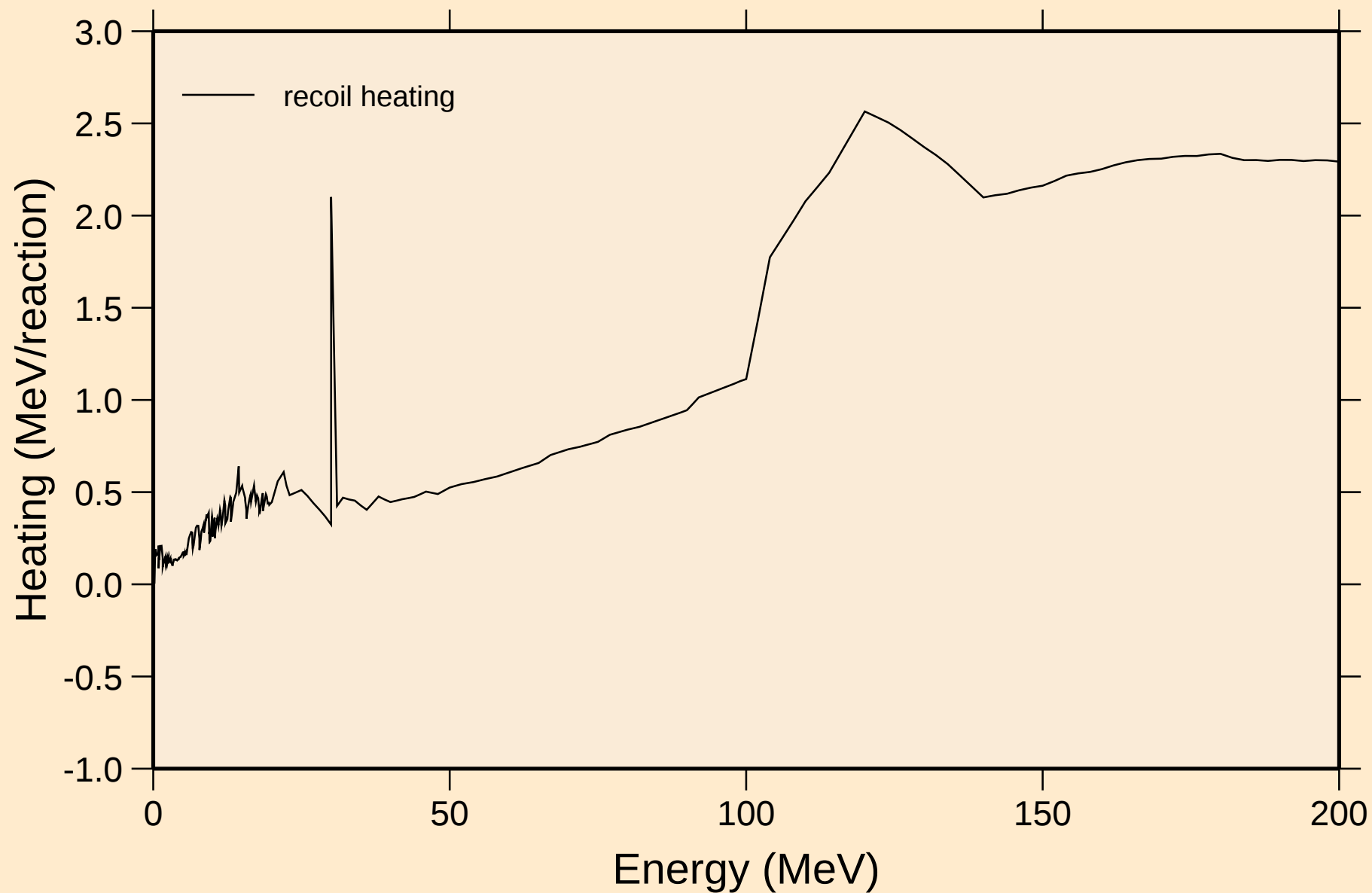


# GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

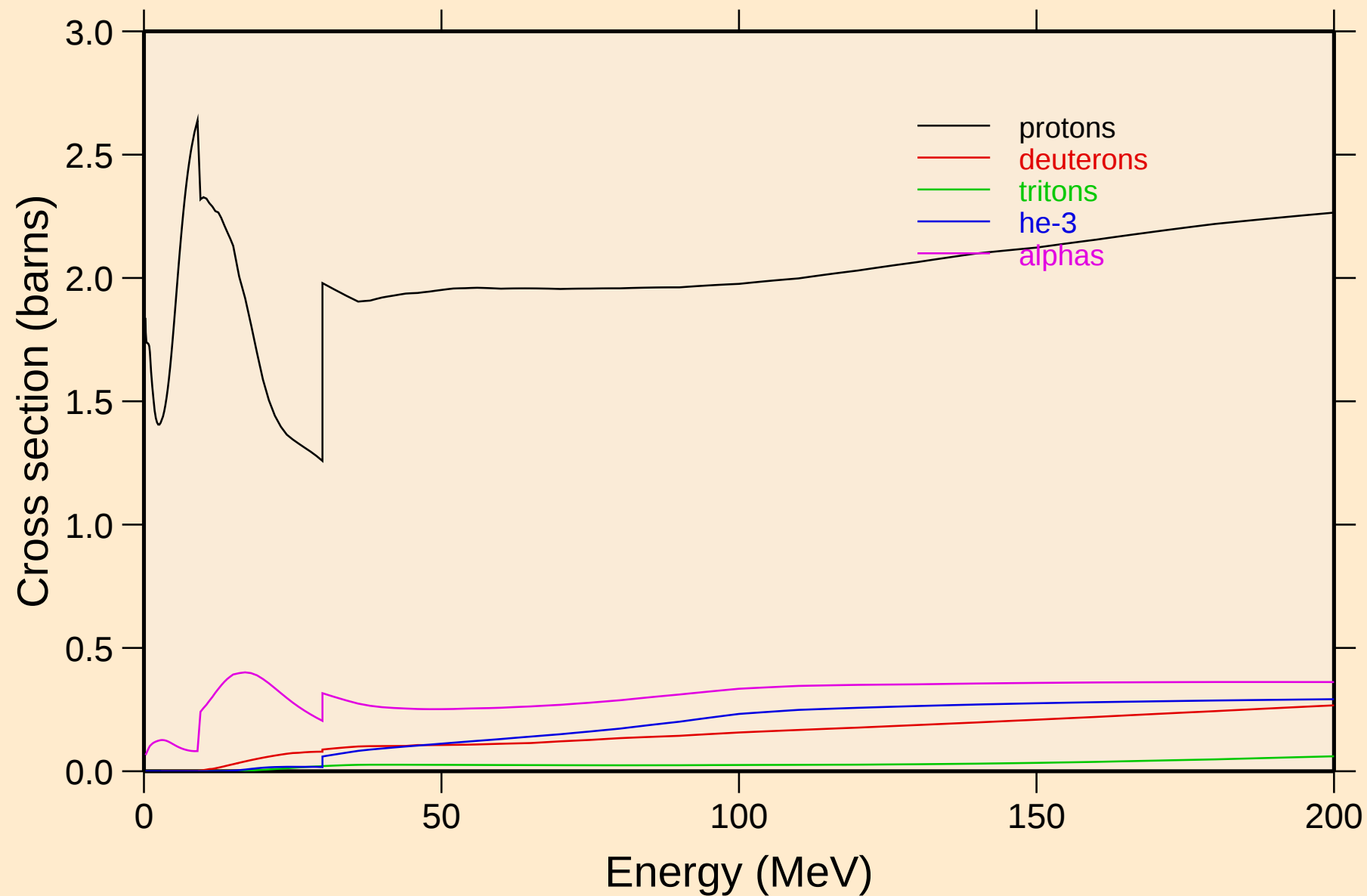


GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

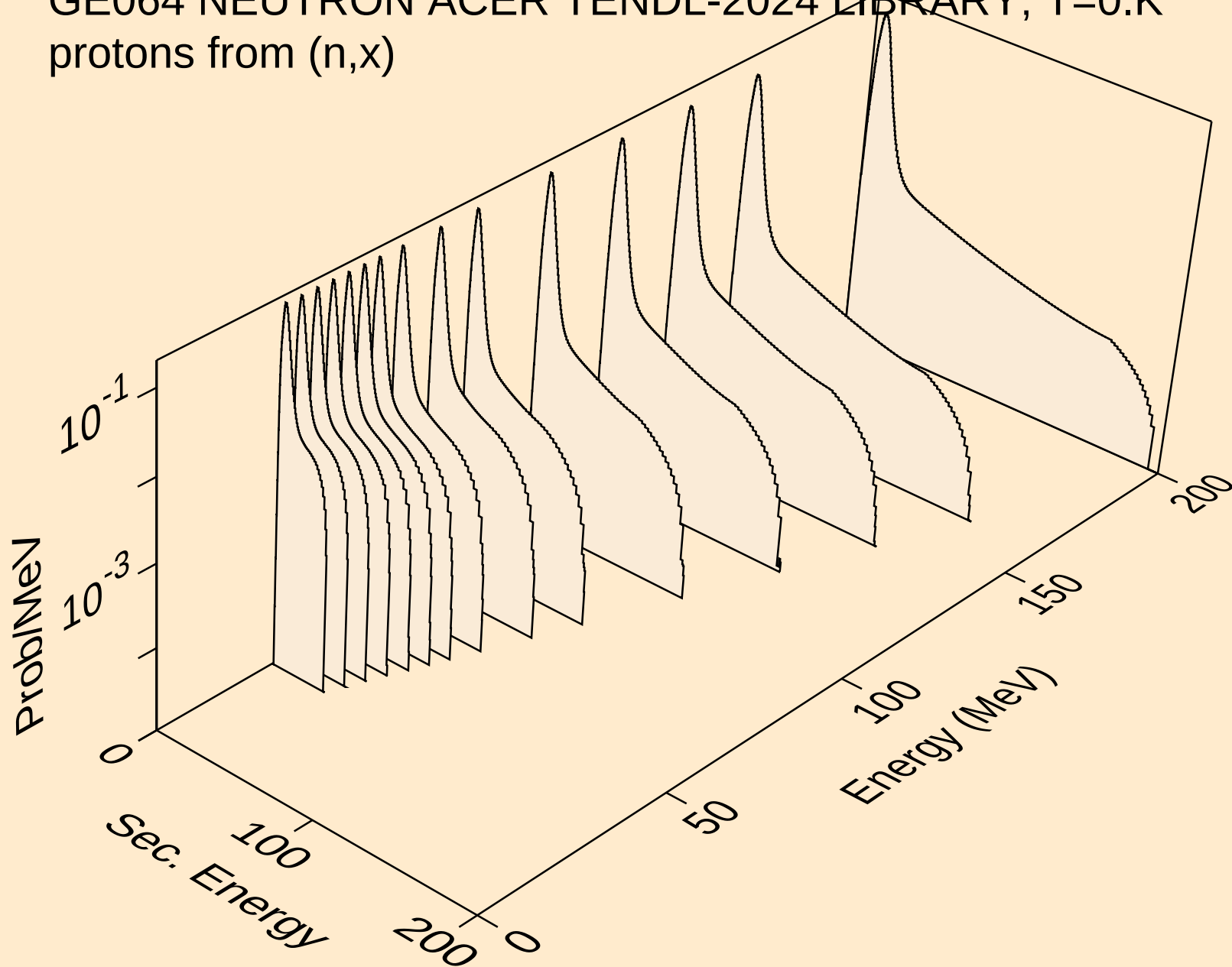


# GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

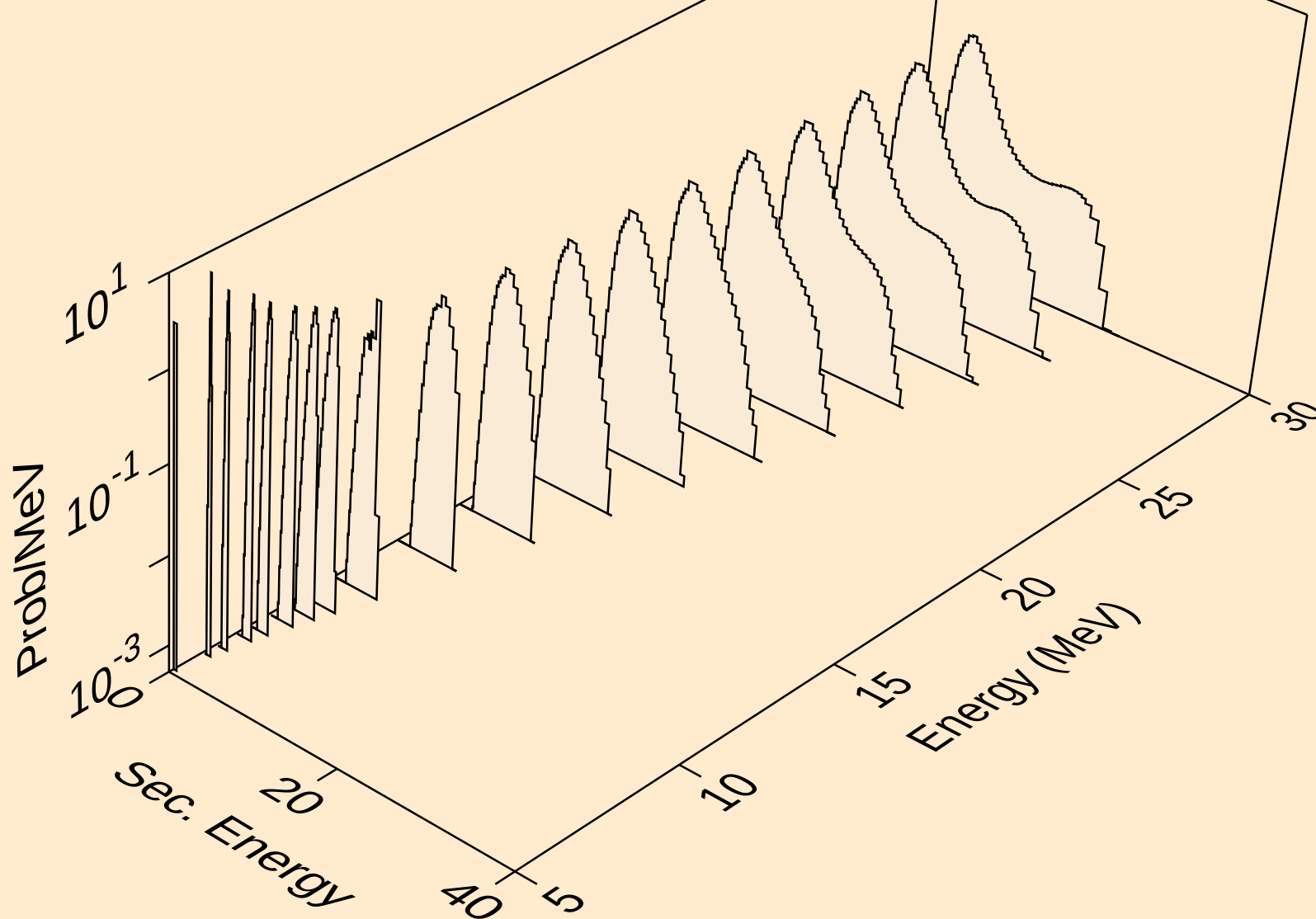
## Particle production cross sections



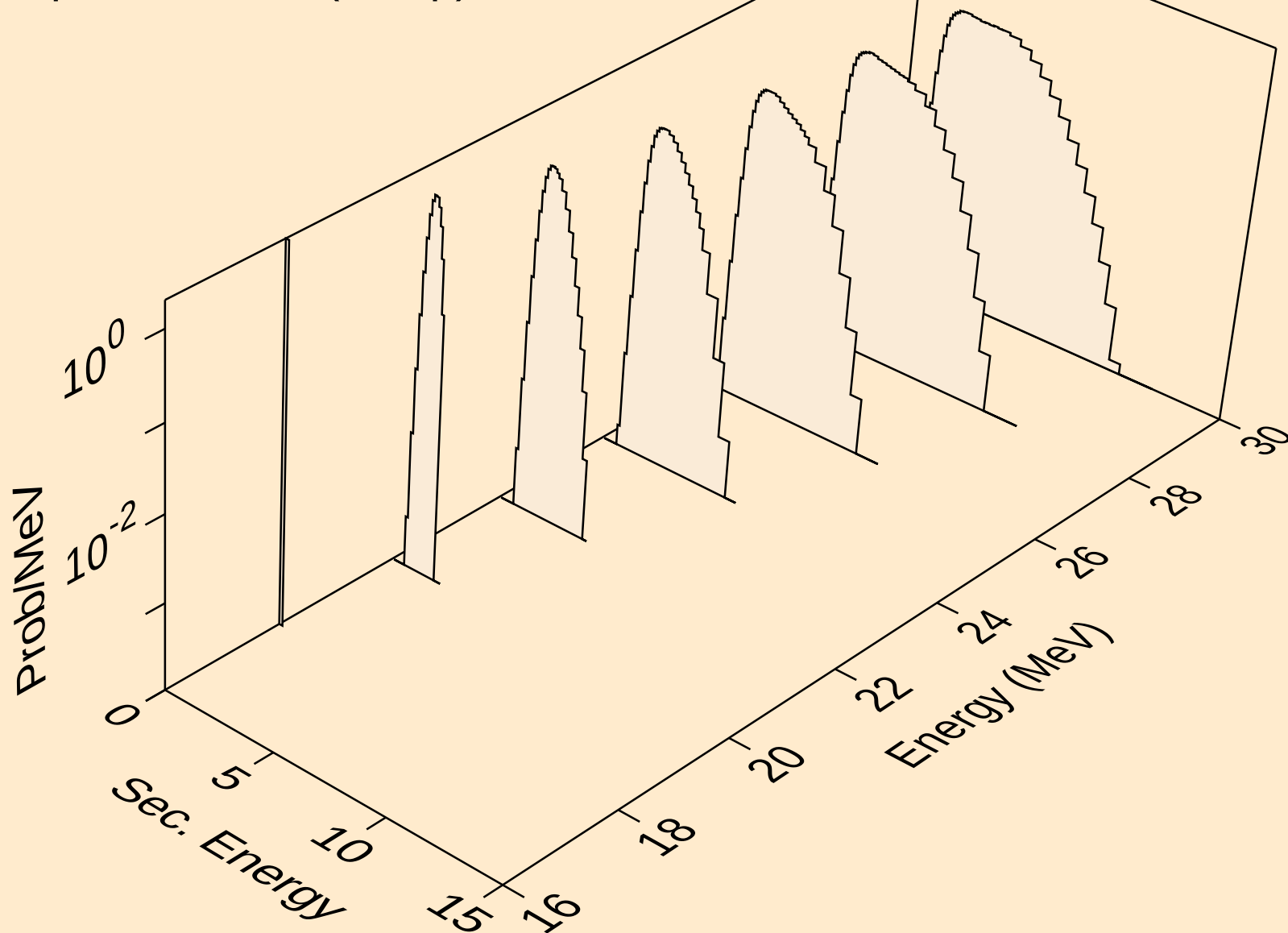
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



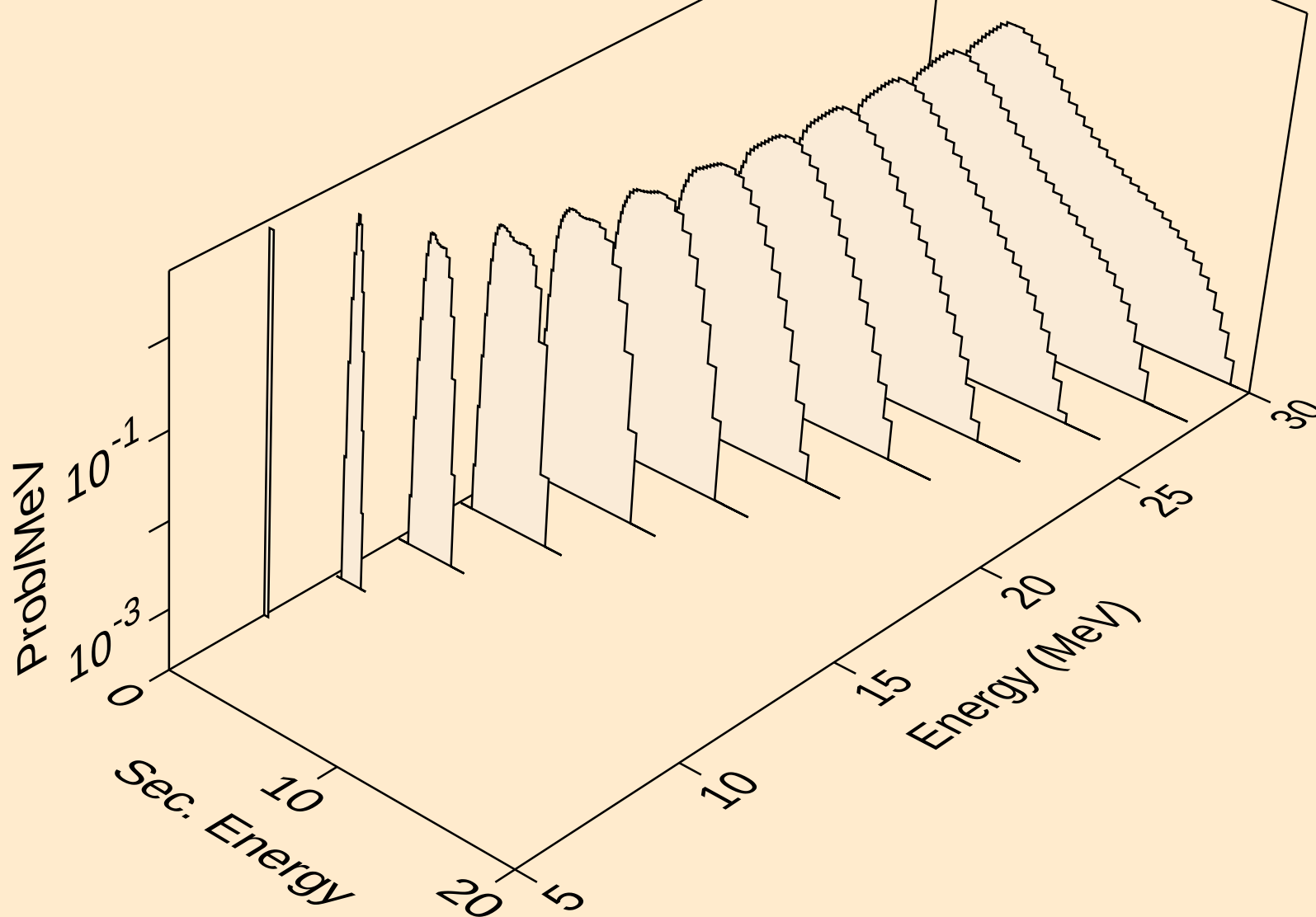
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protons from (n,n\*)p



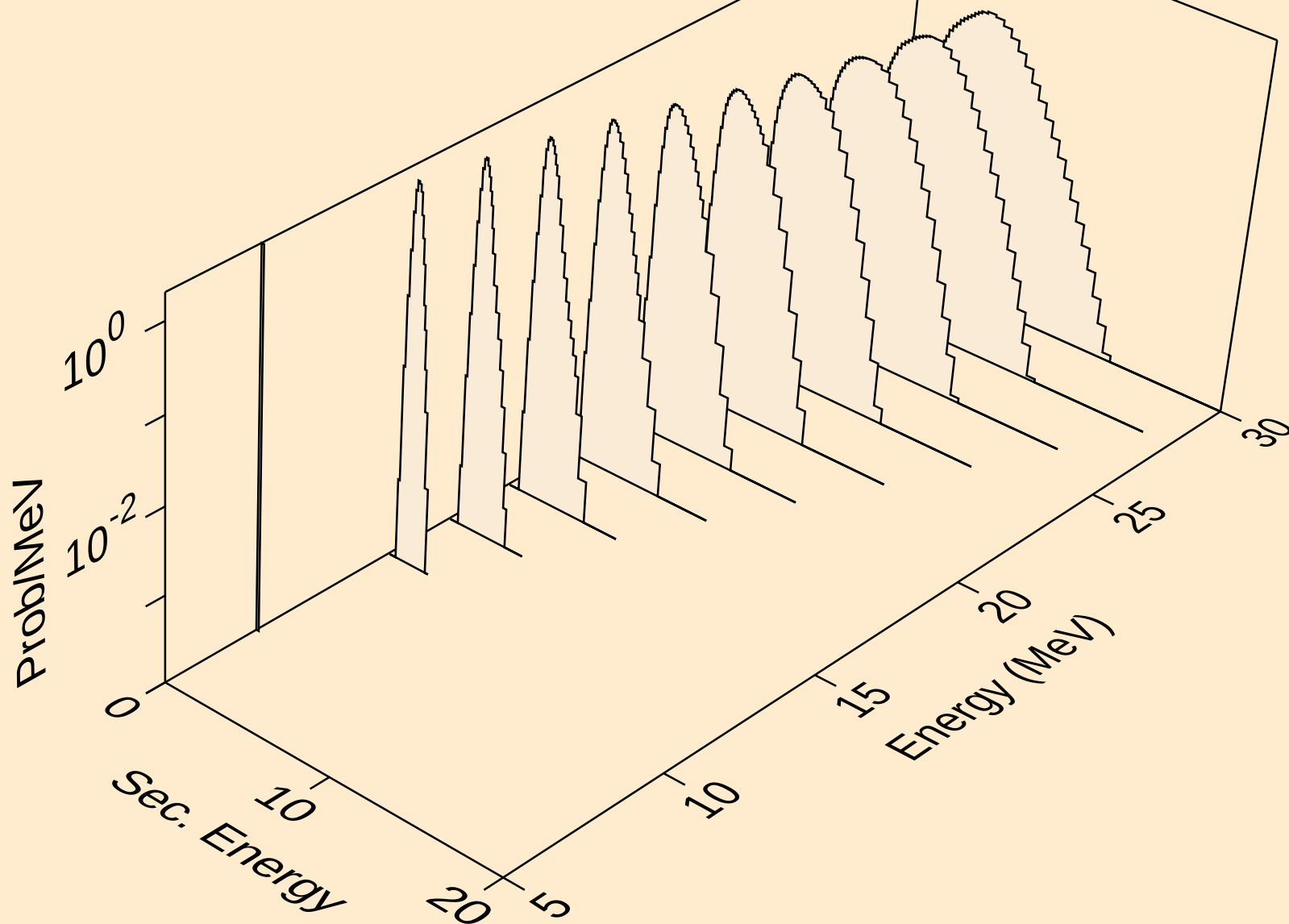
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protons from (n,2np)



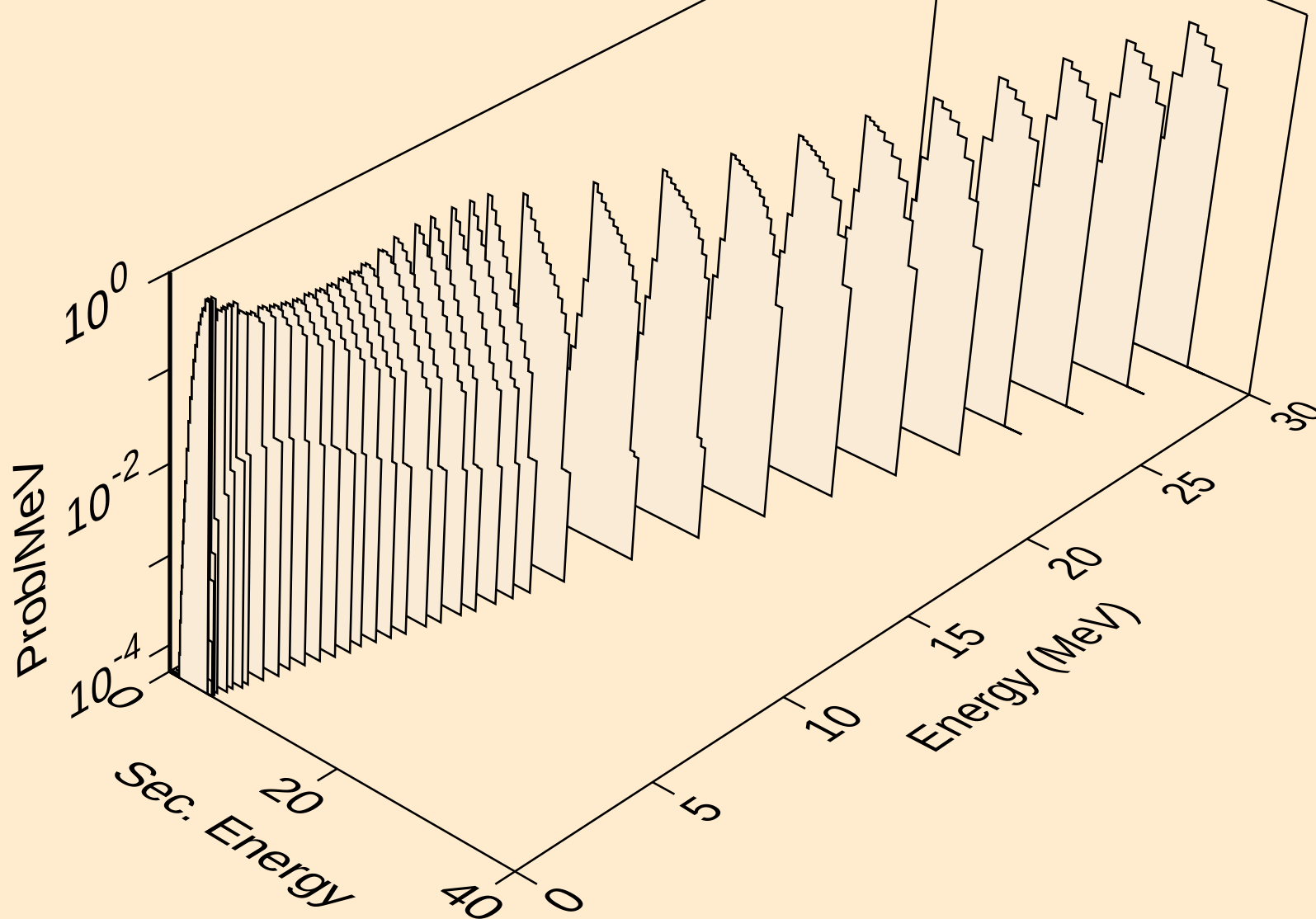
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protons from (n,n2p)



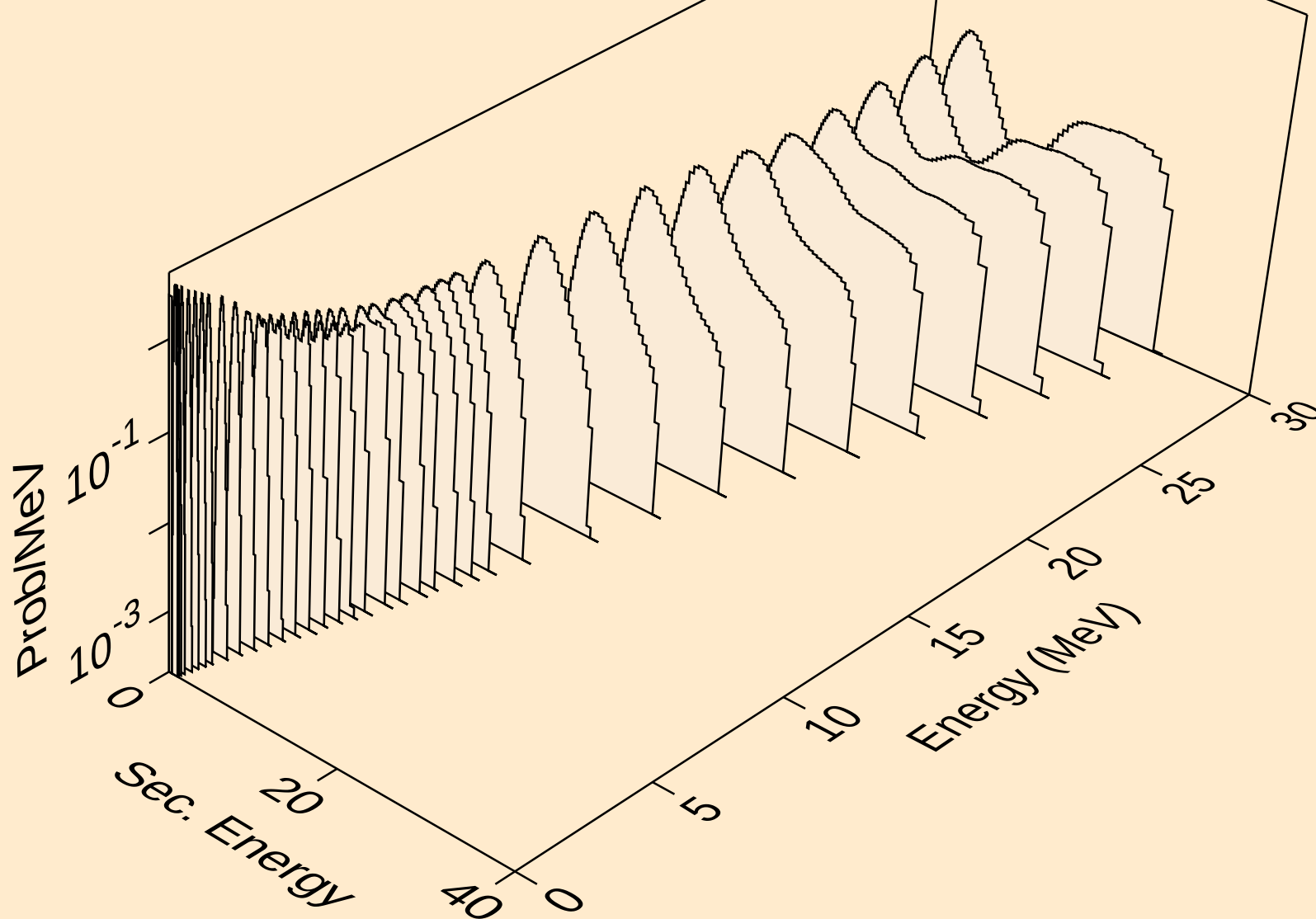
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protons from (n,npa)



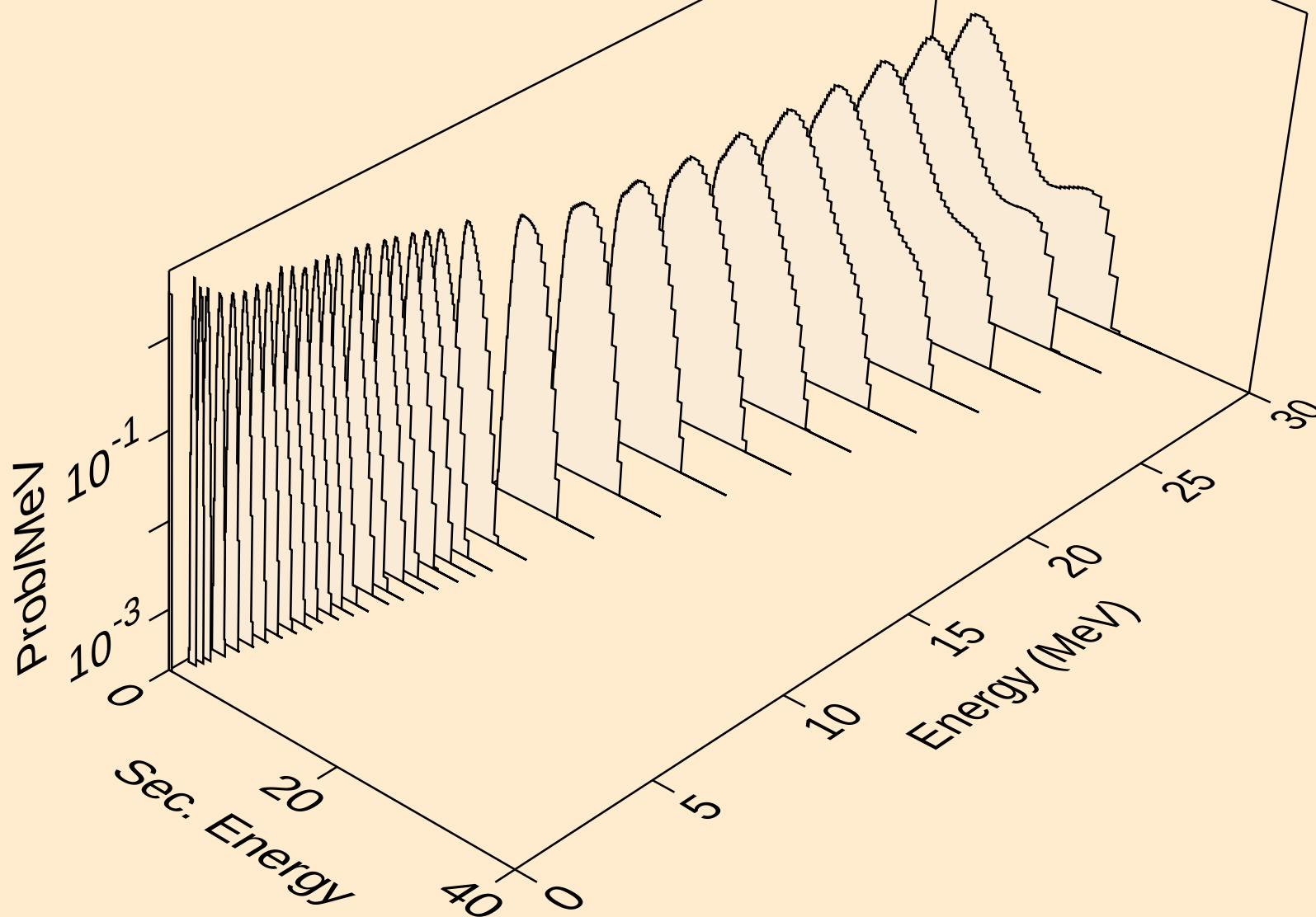
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protons from (n,p)



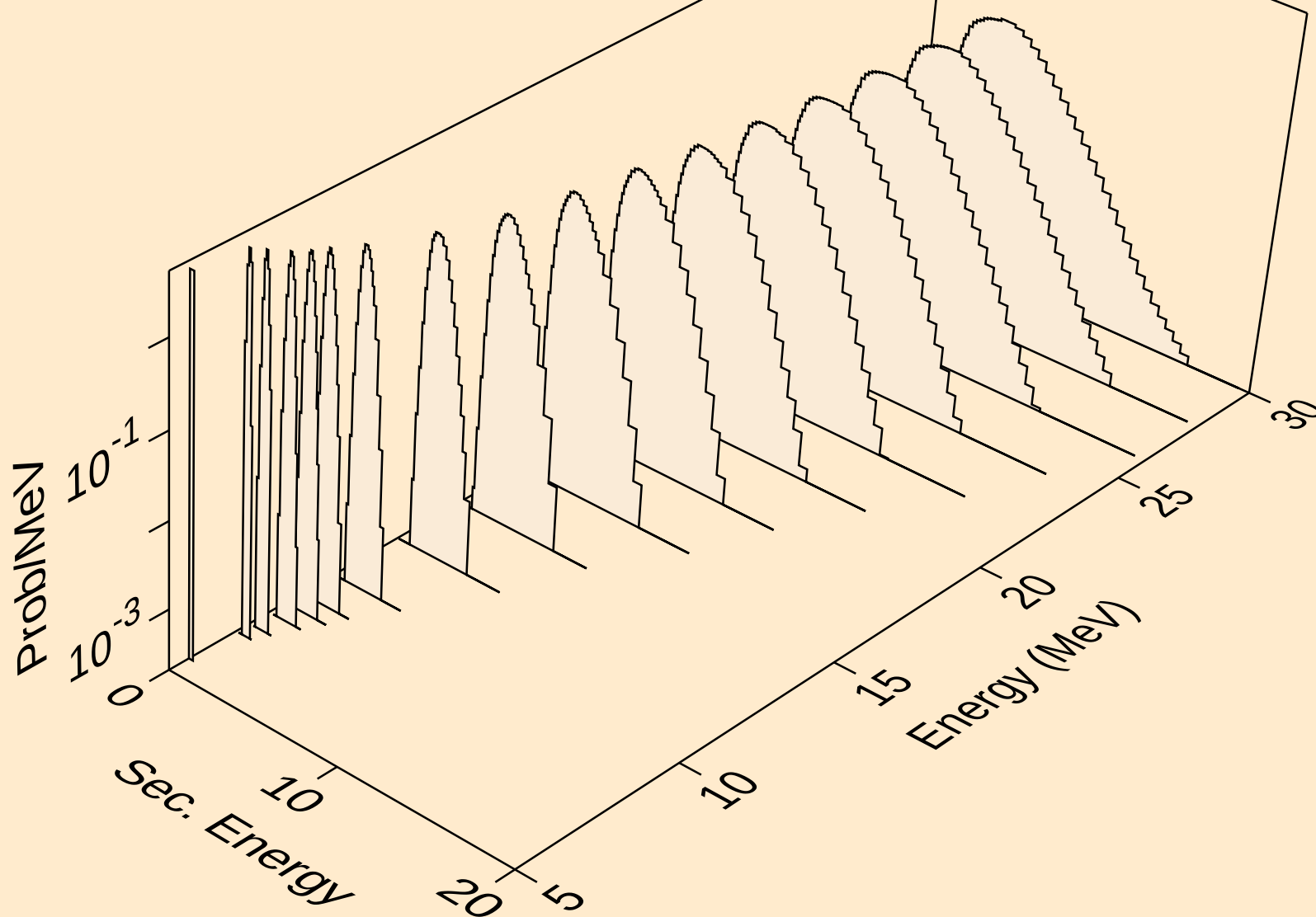
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protons from (n,2p)



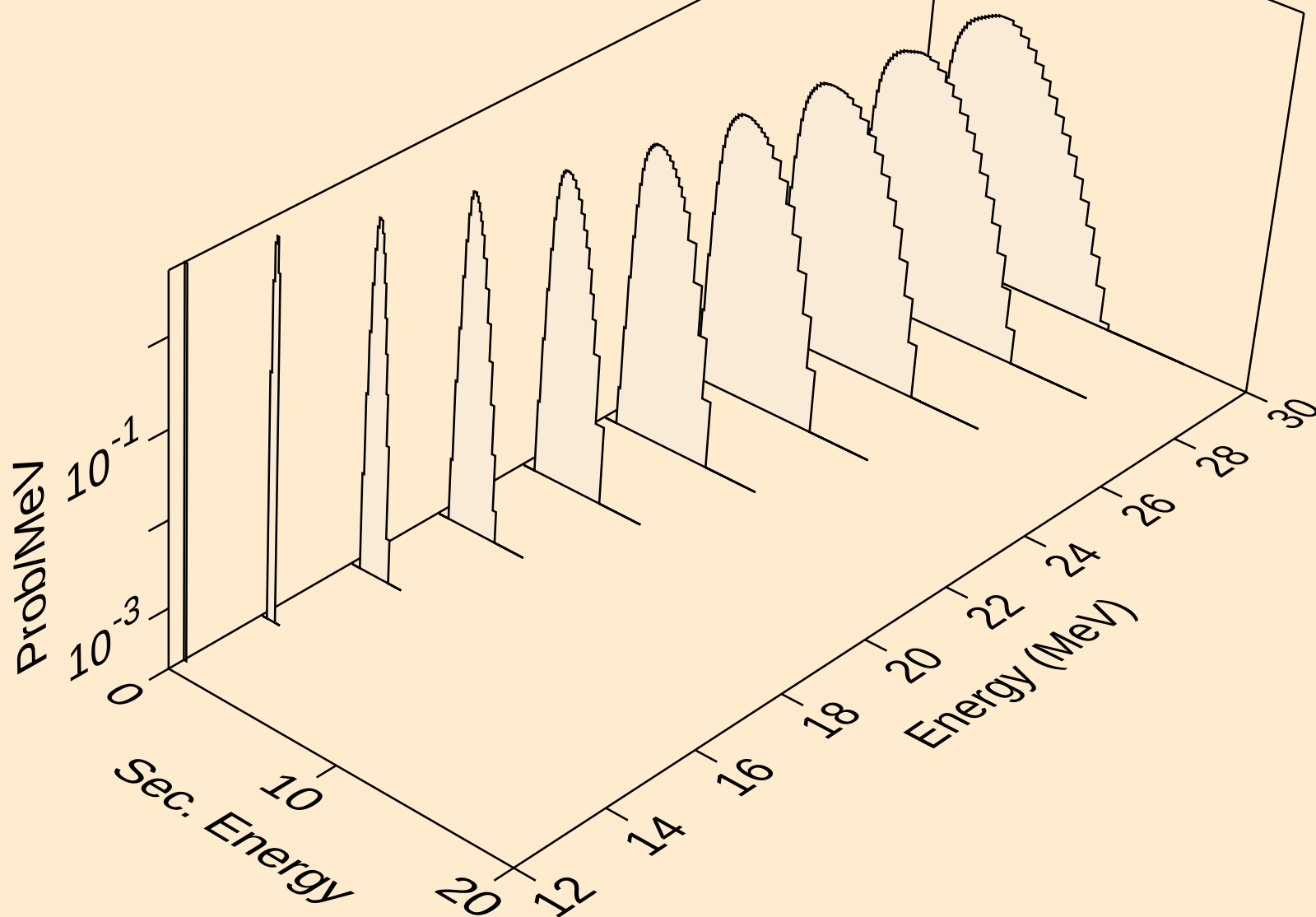
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protons from (n,p)



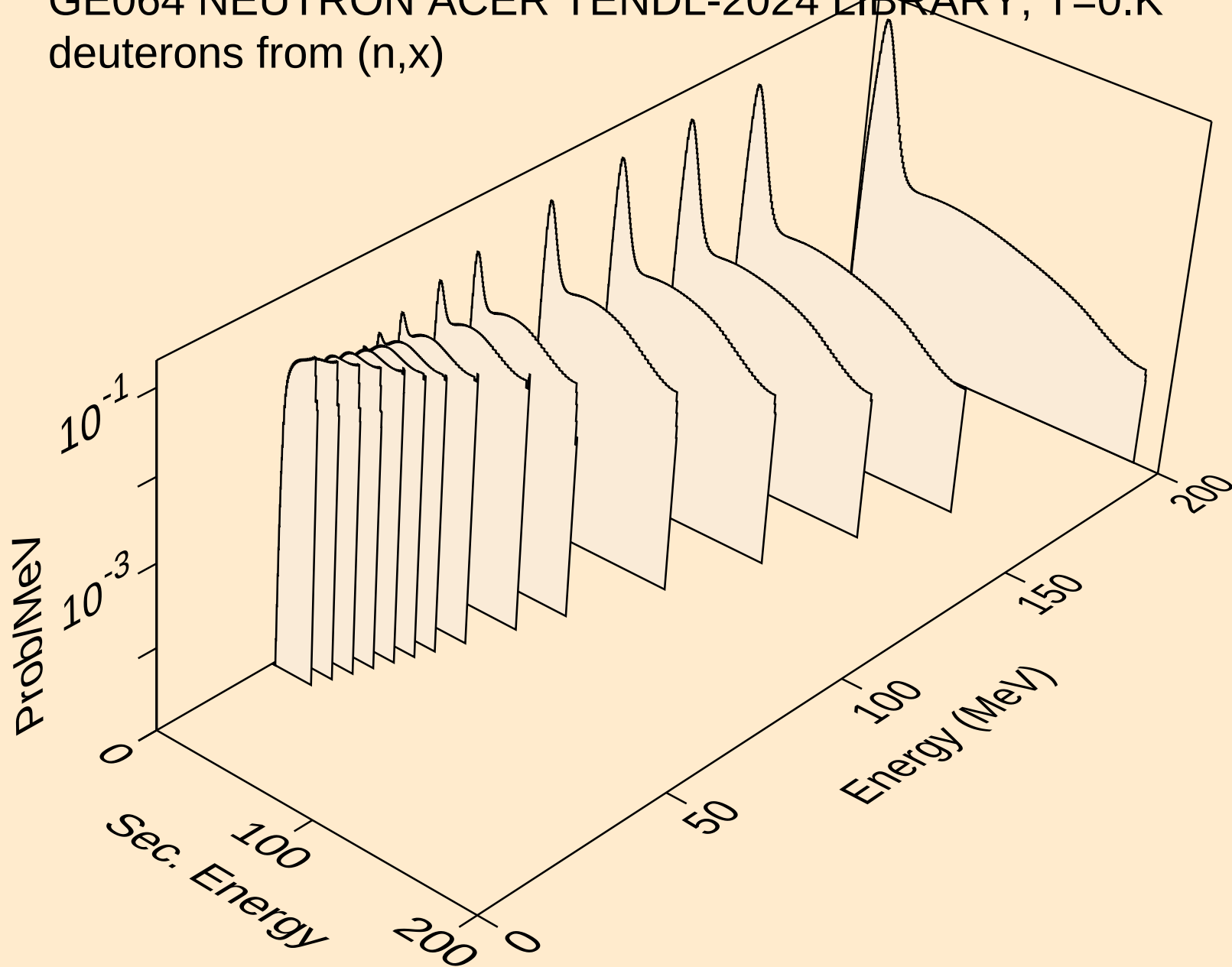
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protons from (n,pd)



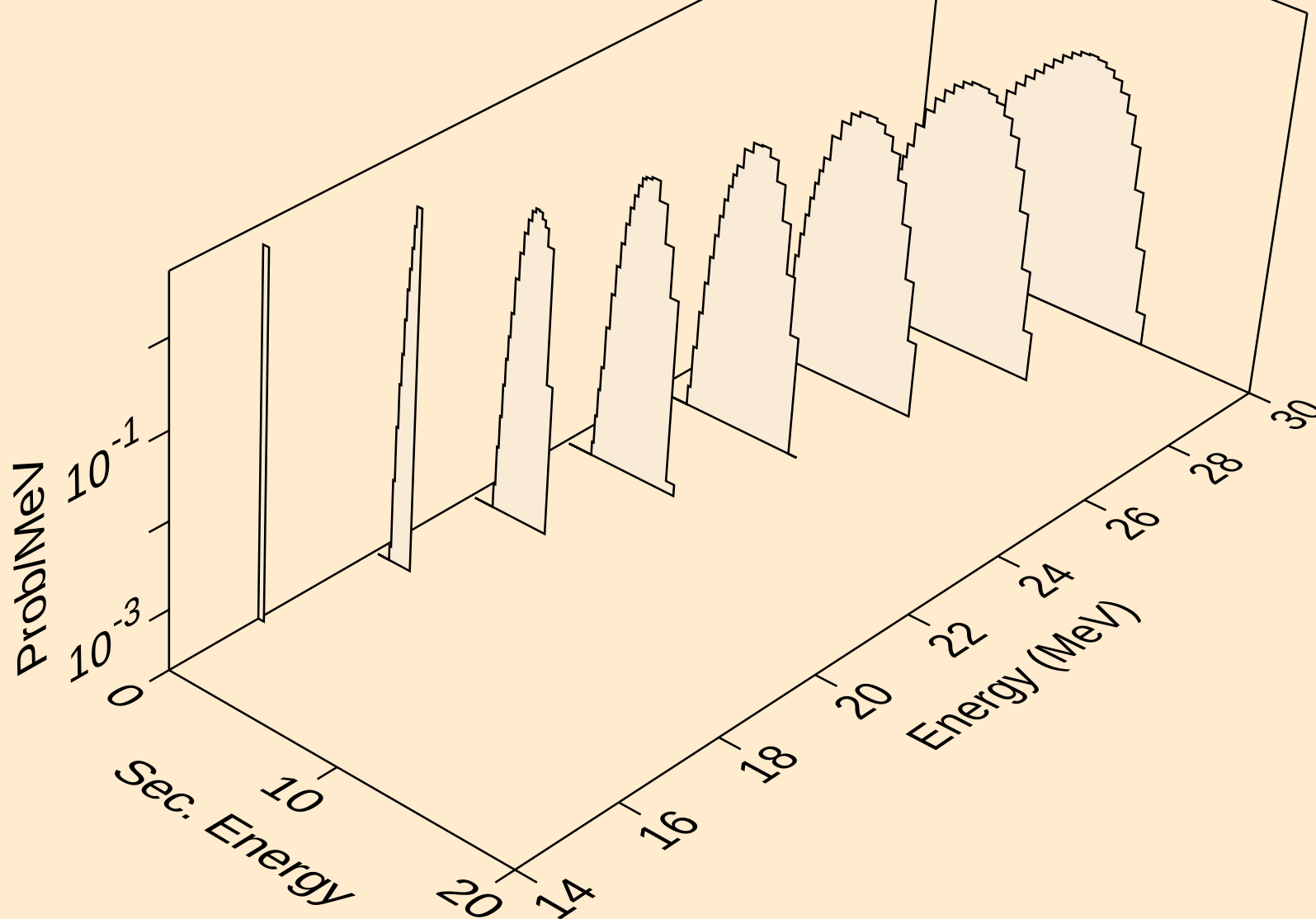
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protons from (n,pt)



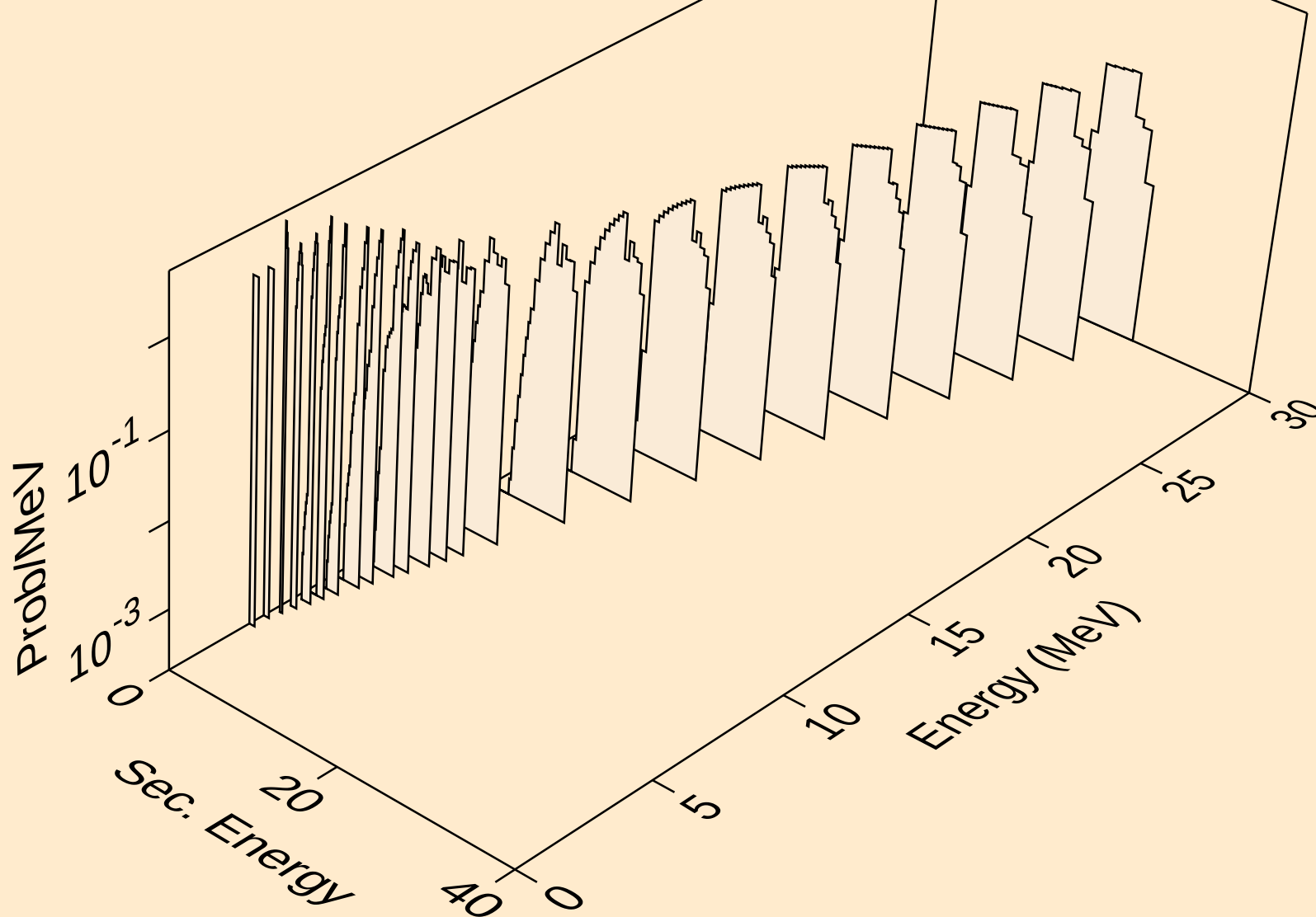
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deuterons from (n,x)



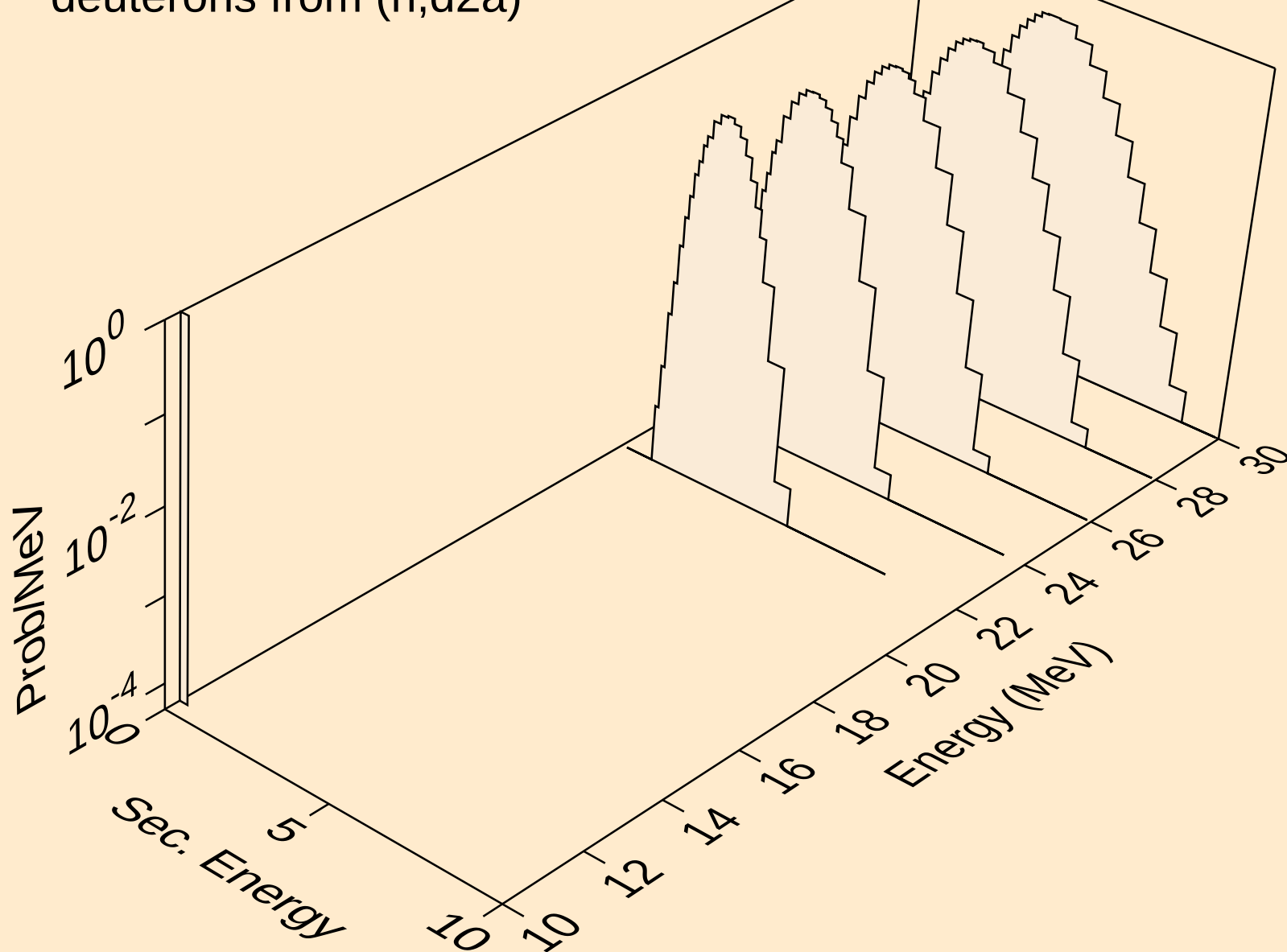
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deuterons from (n,n\*)d



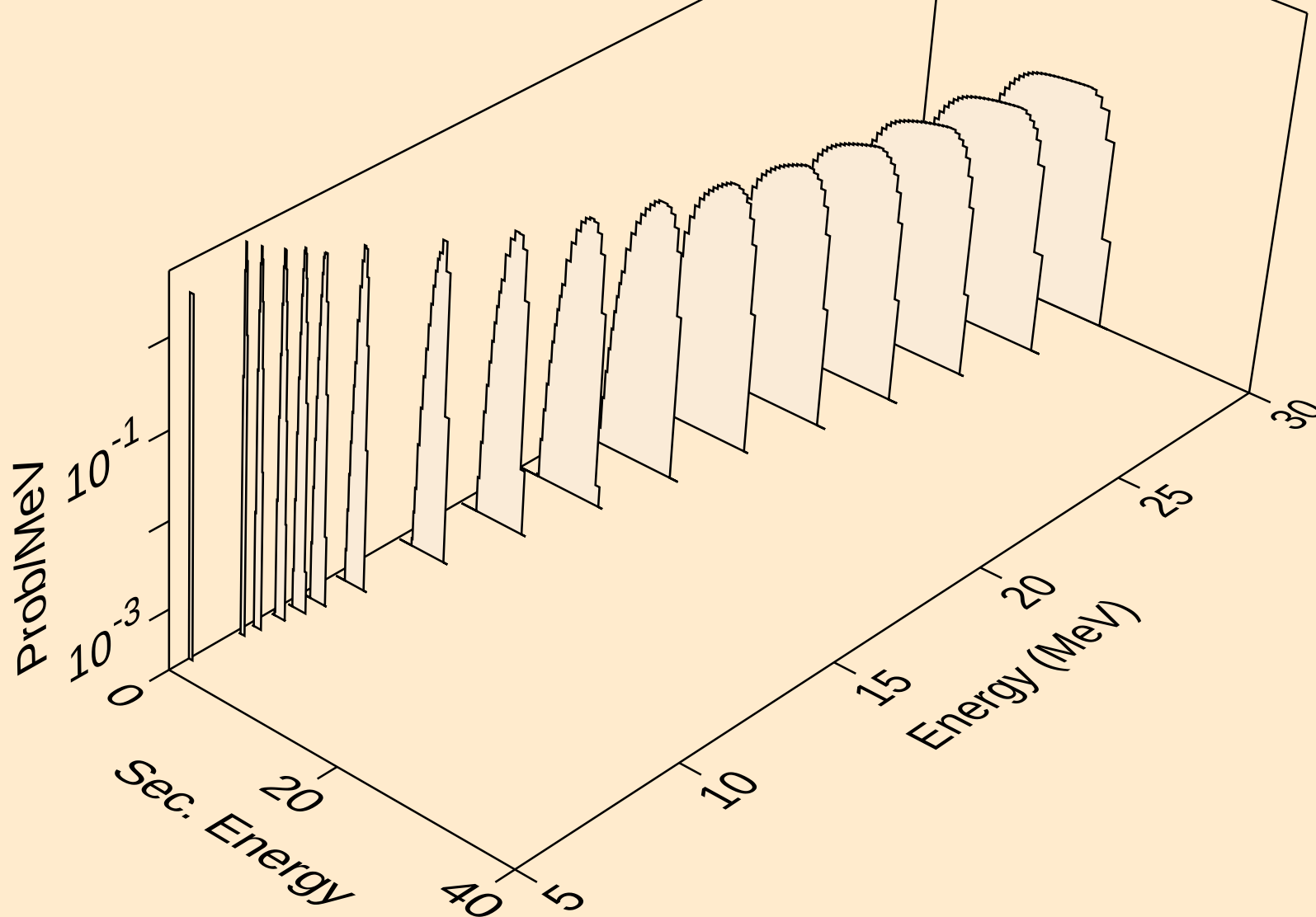
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deuterons from (n,d)



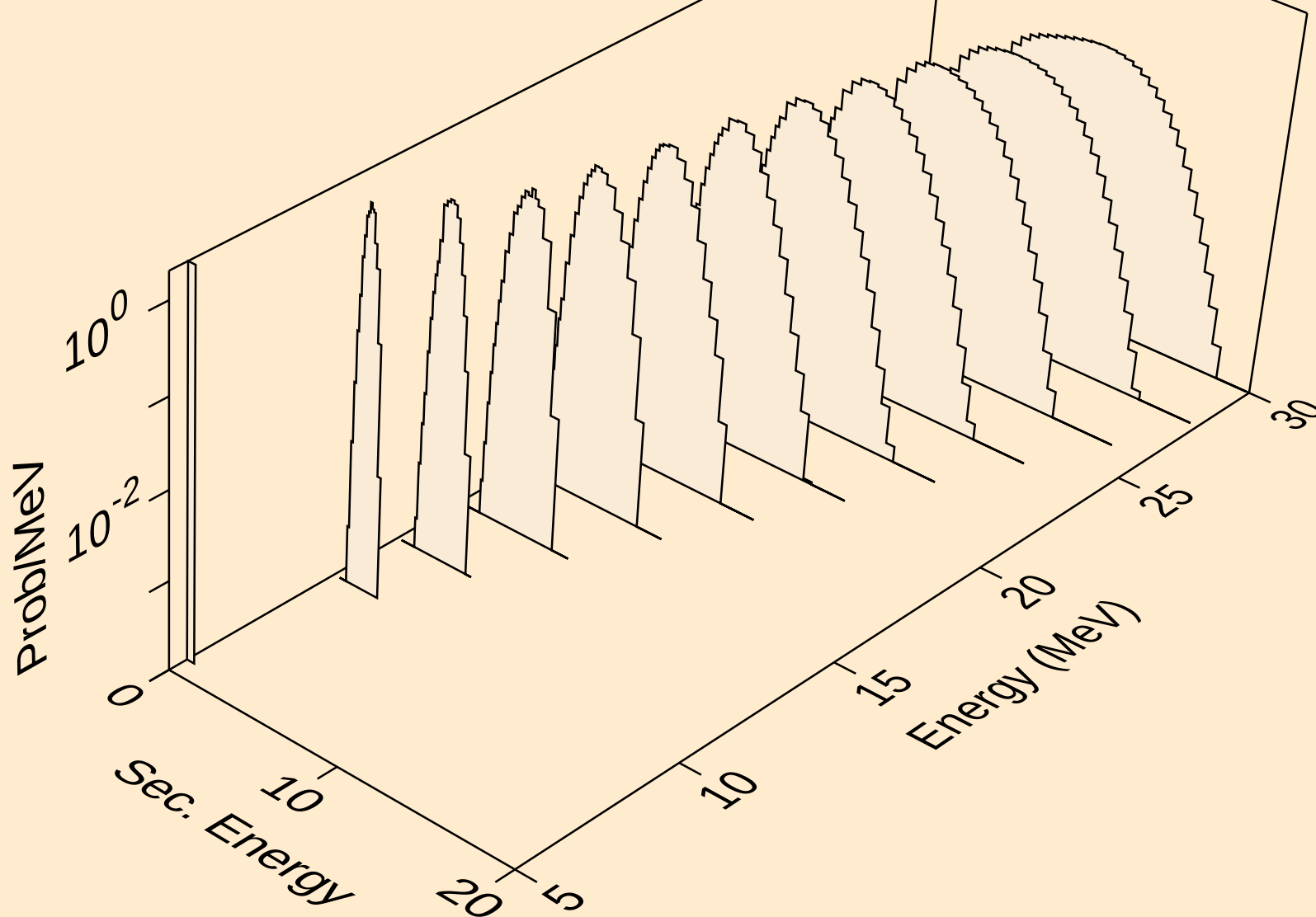
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deuterons from (n,d2a)



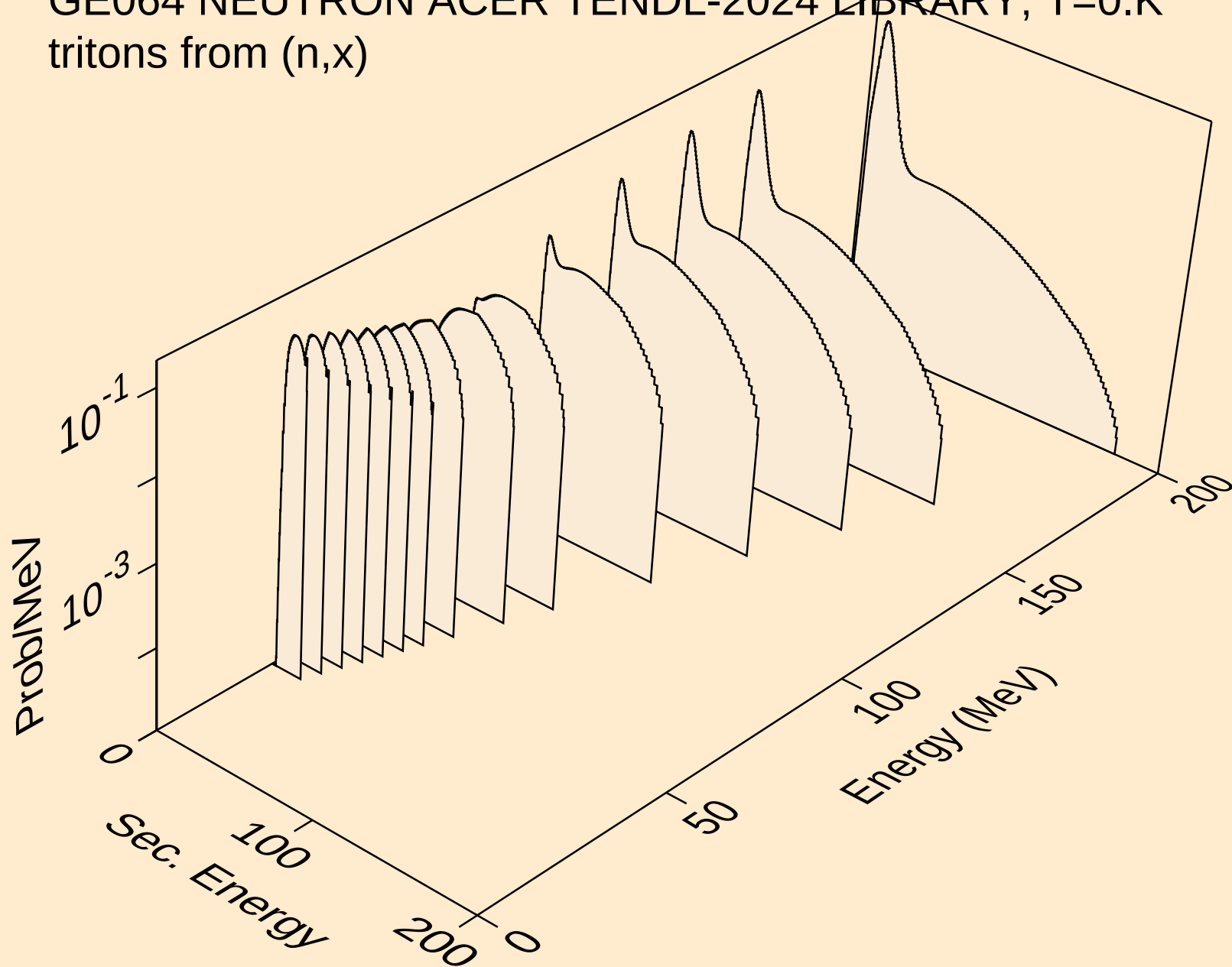
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deuterons from (n,pd)



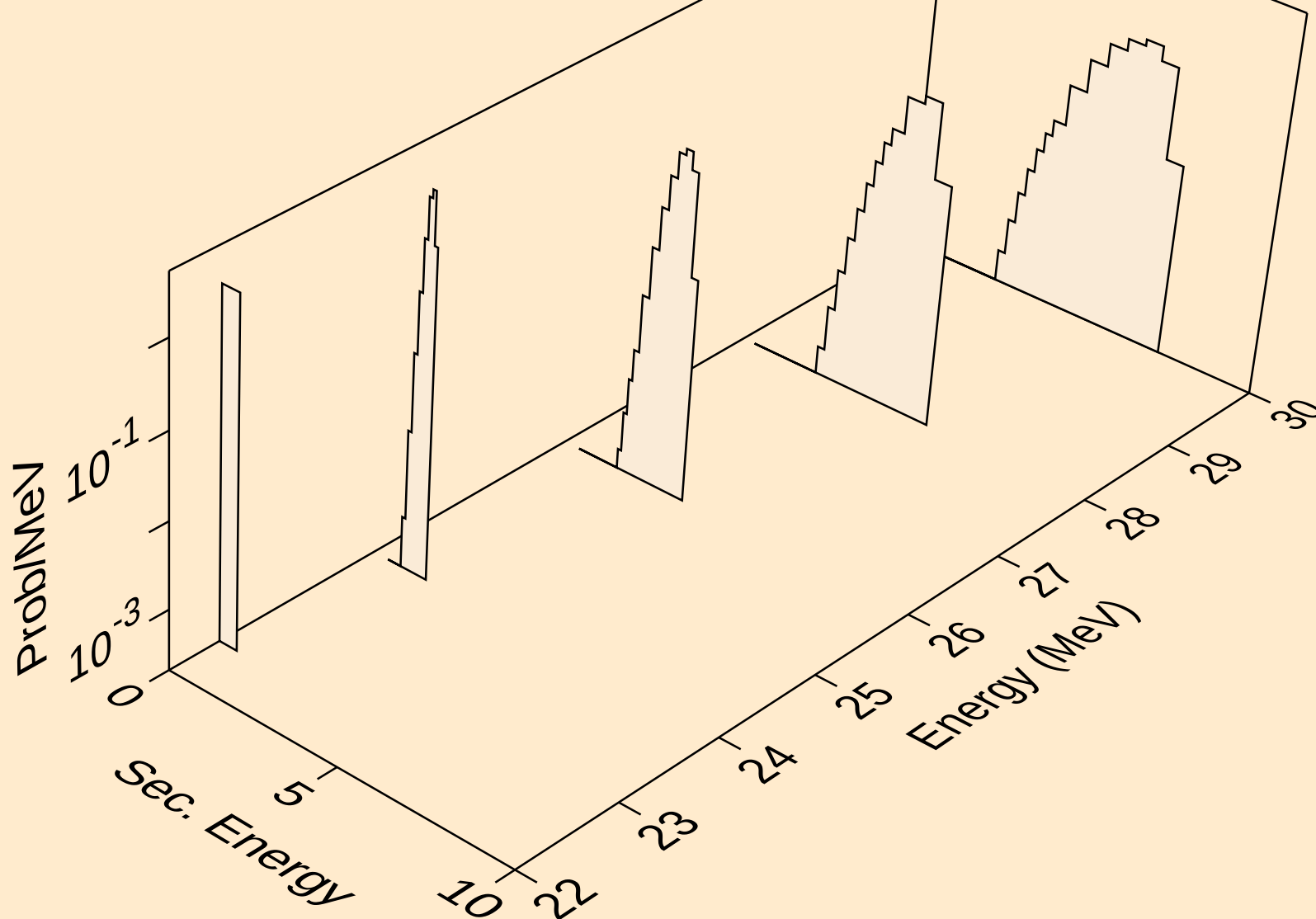
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deuterons from (n,da)



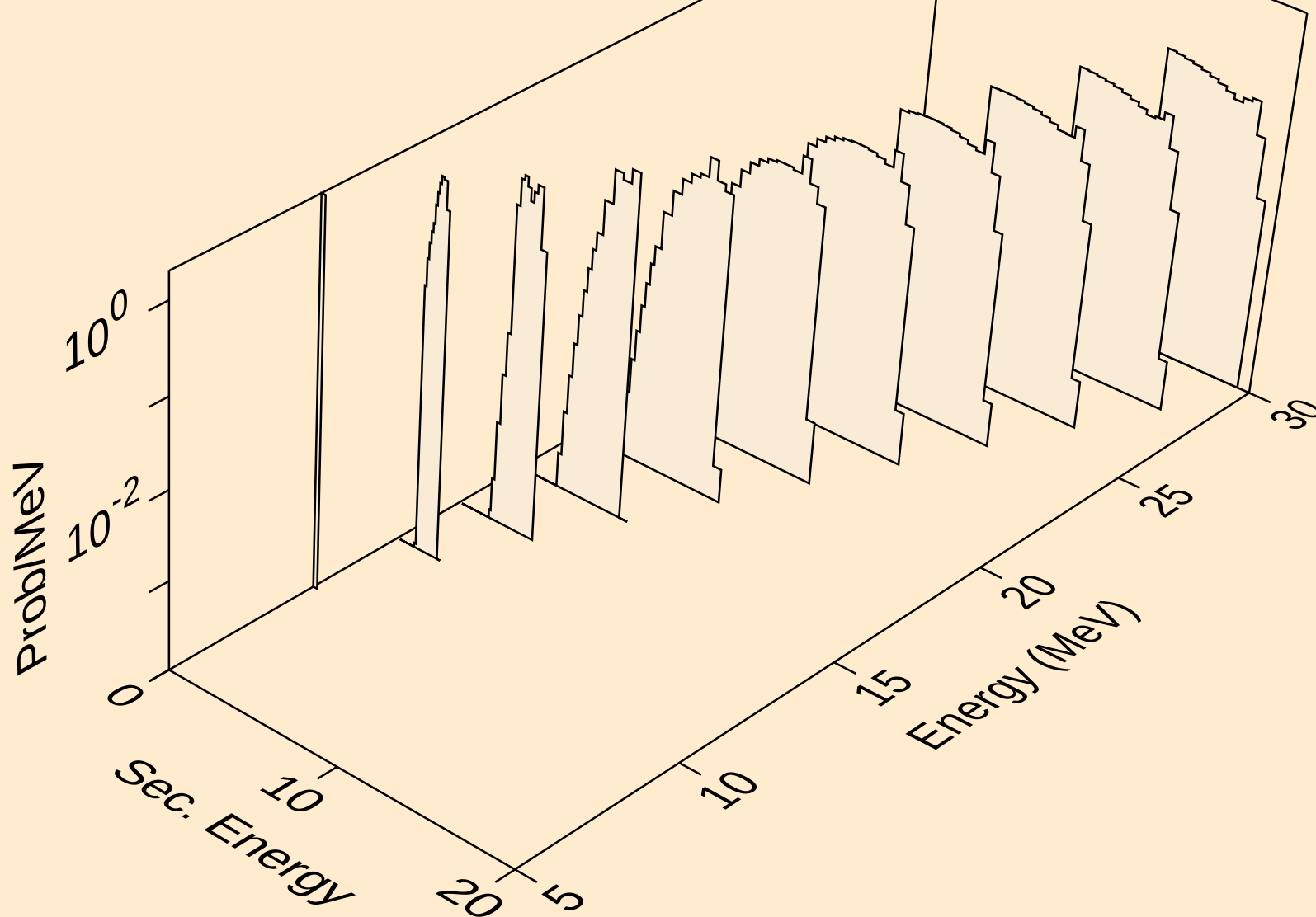
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tritons from (n,x)



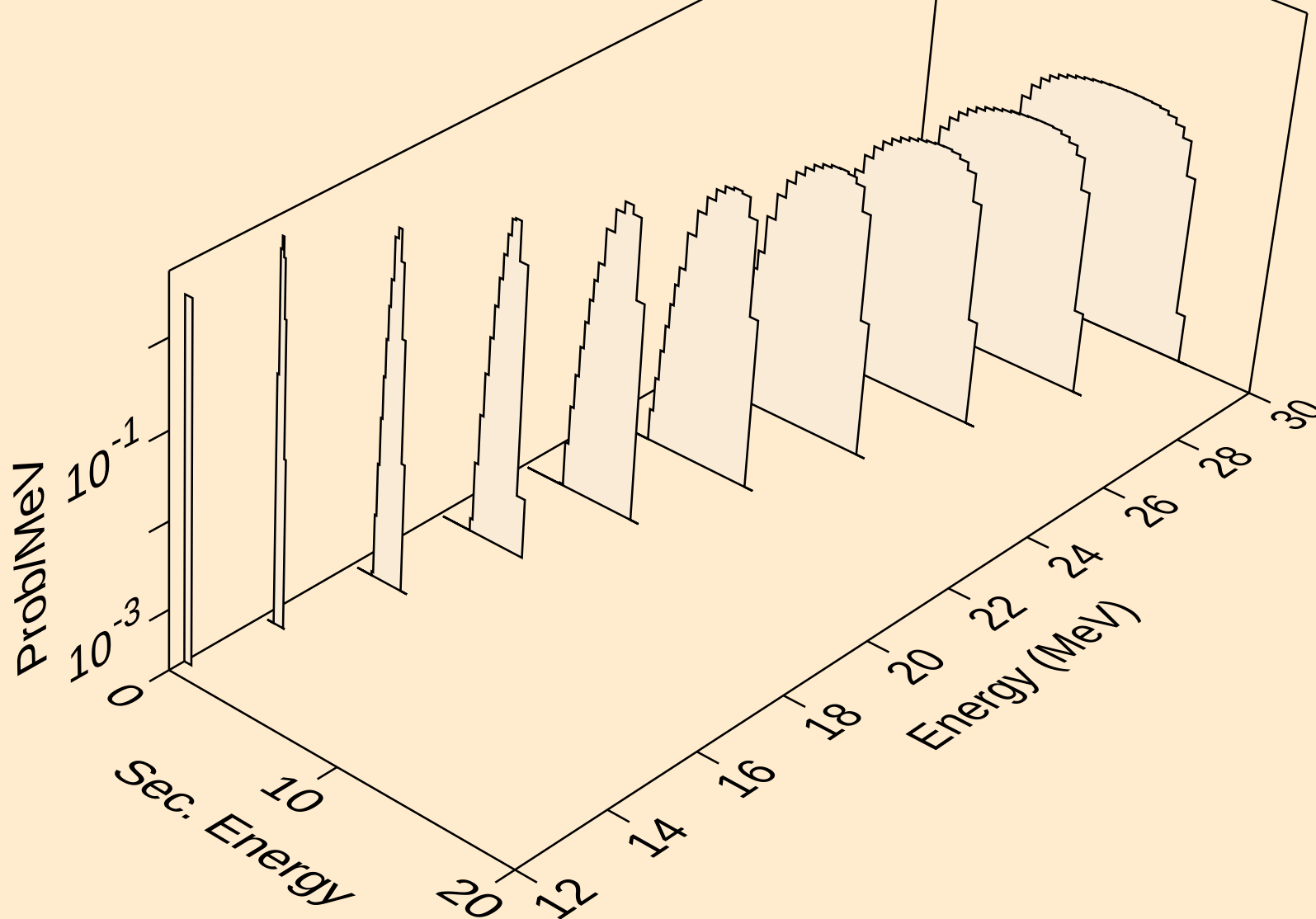
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



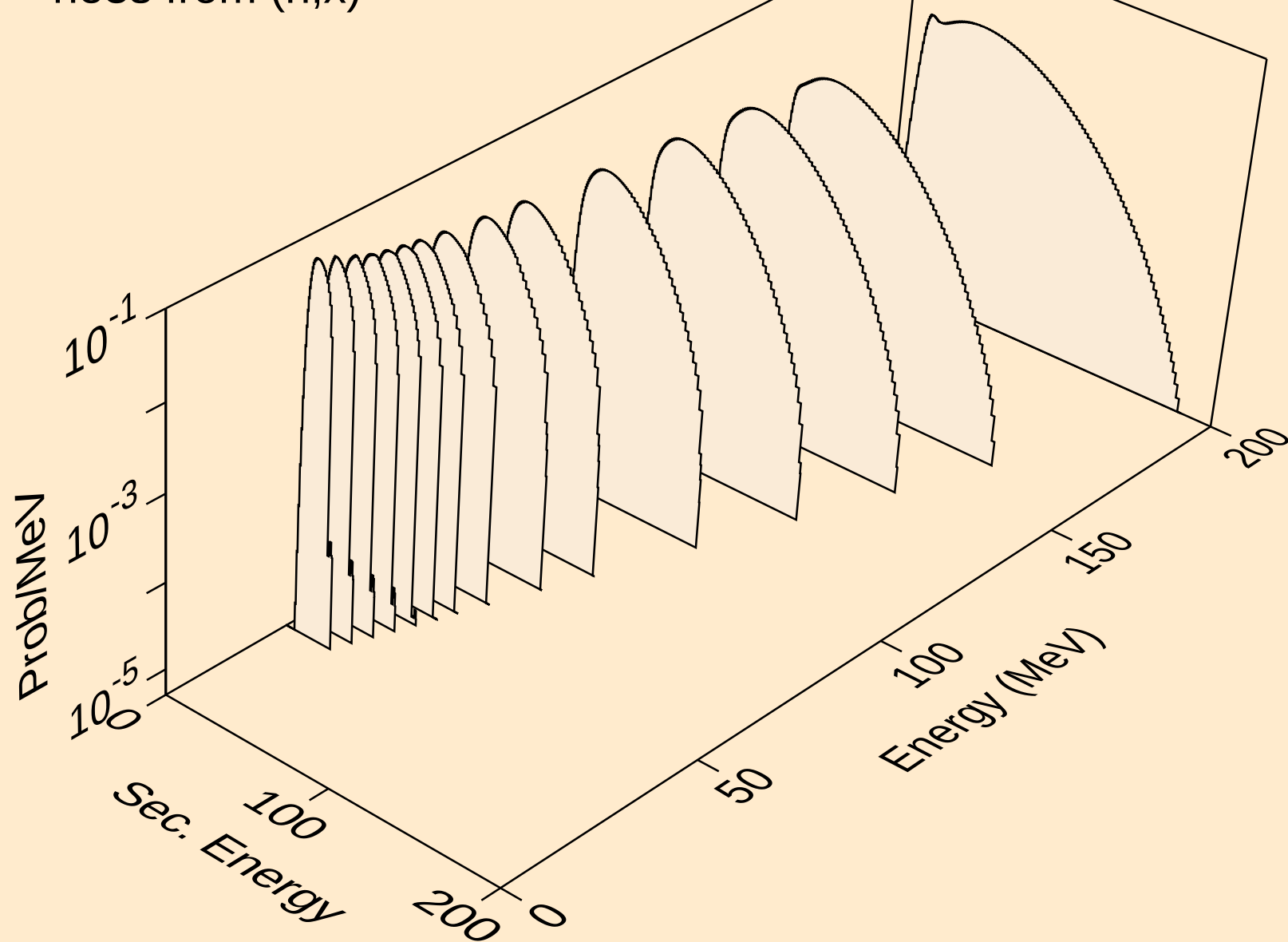
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tritons from (n,t)



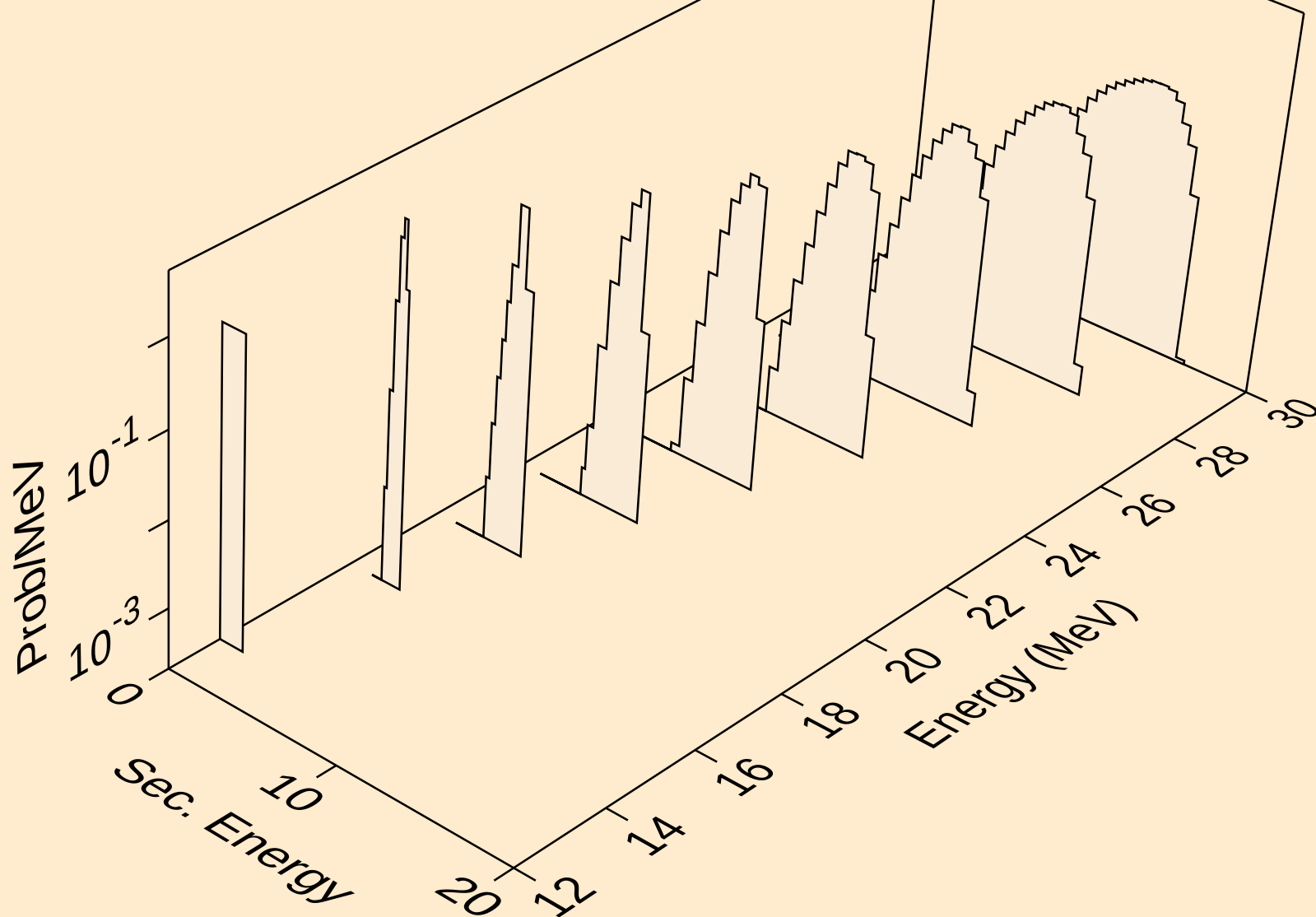
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tritons from (n,pt)



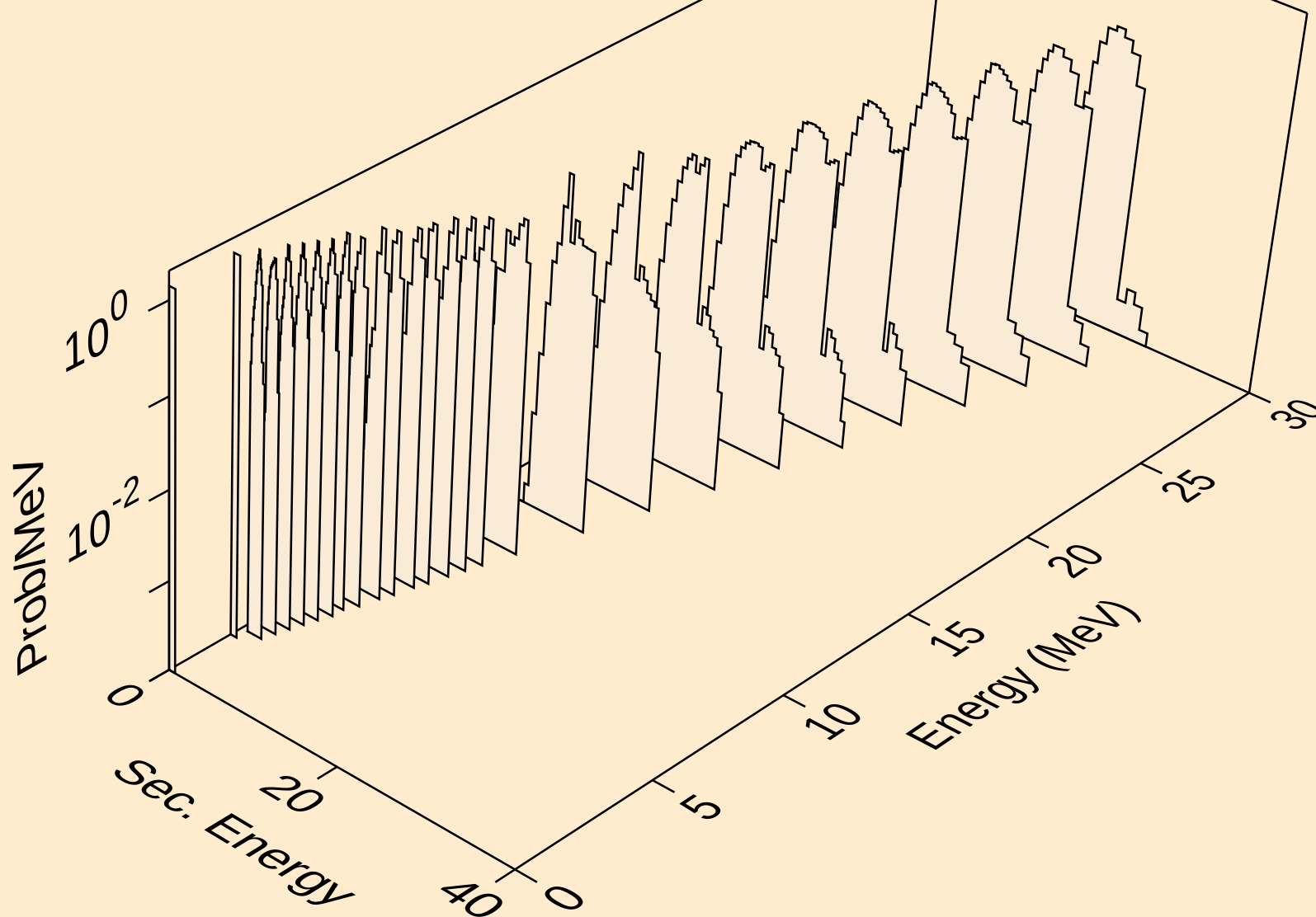
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he3s from (n,x)



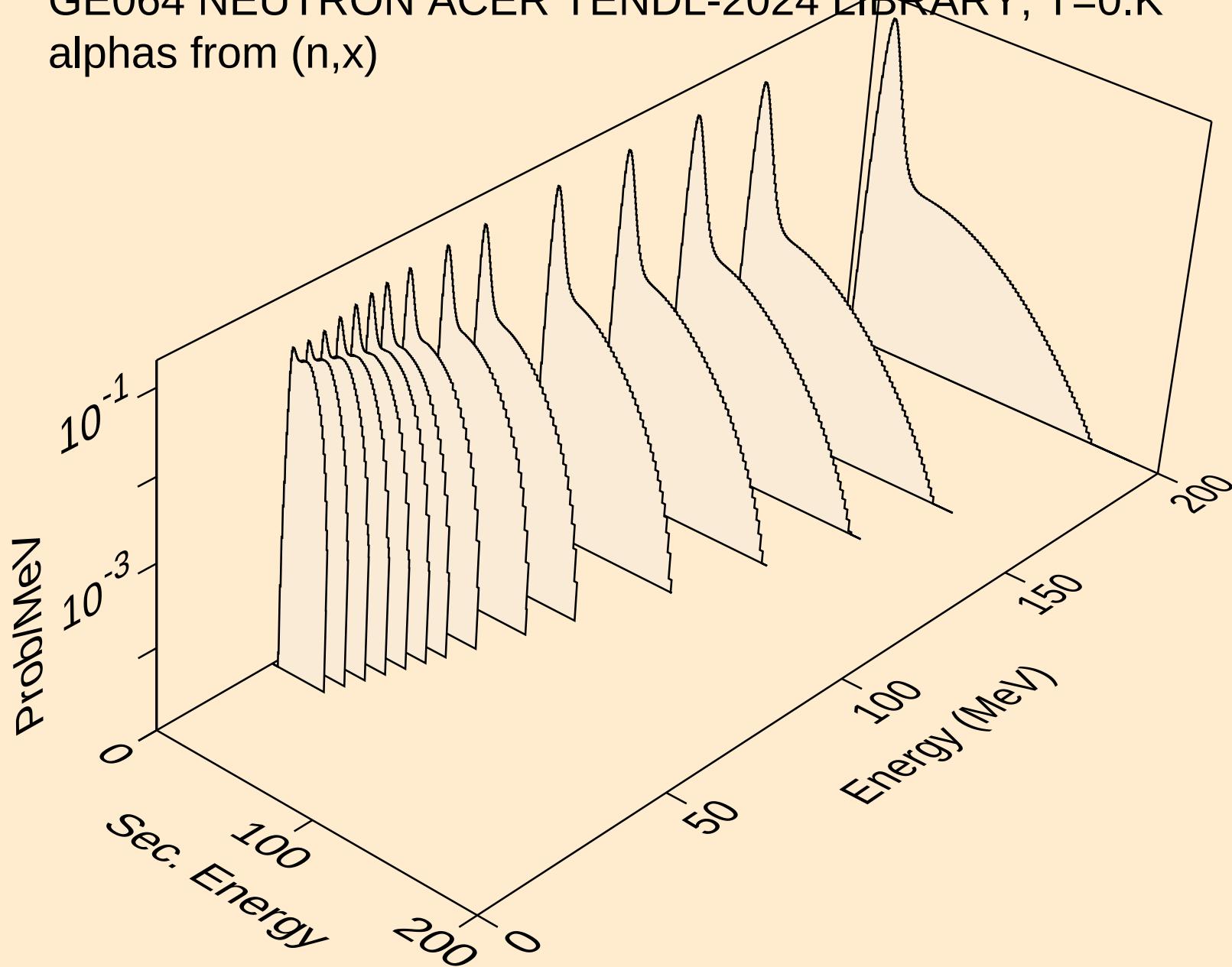
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he3s from (n,n\*)he3



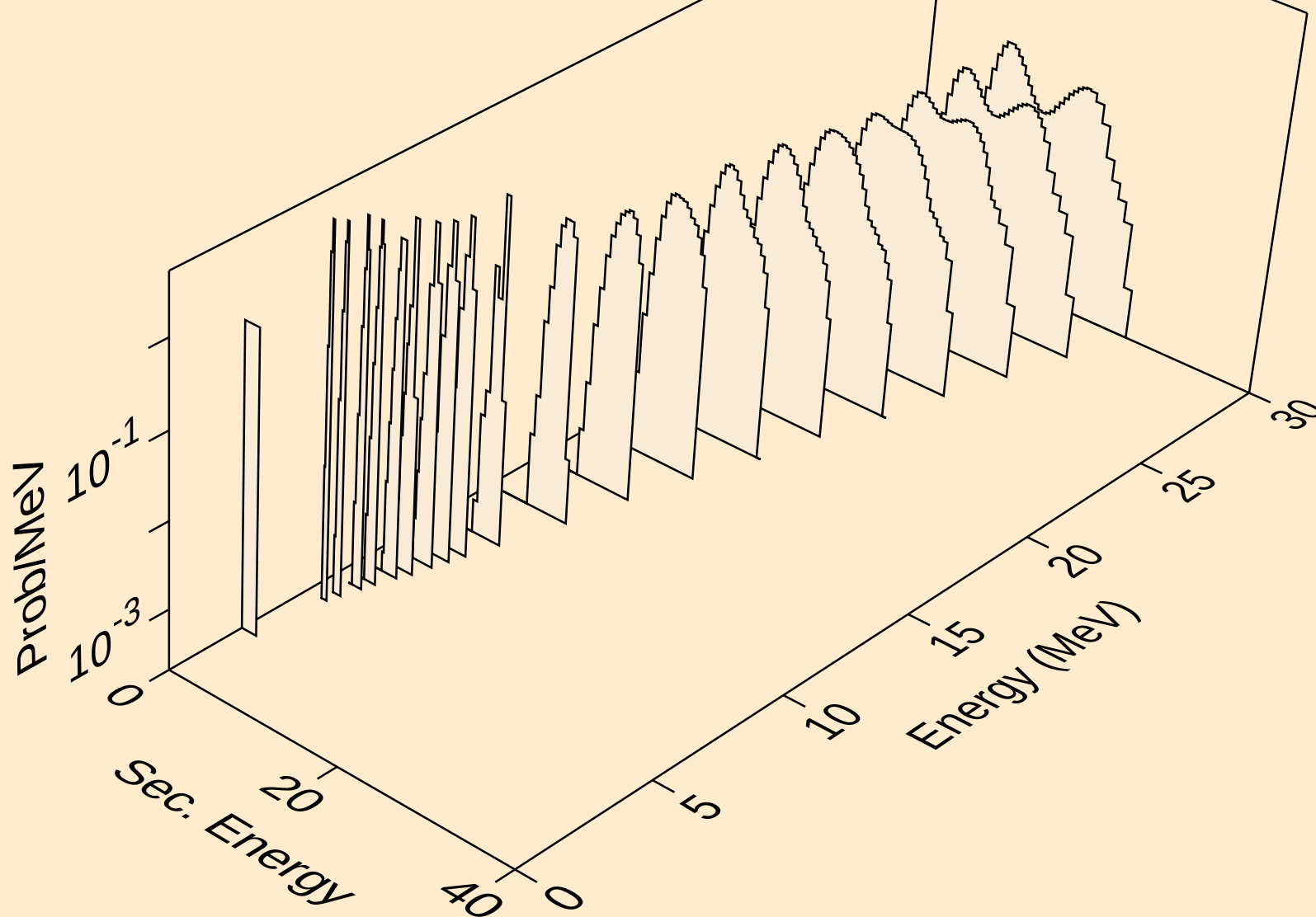
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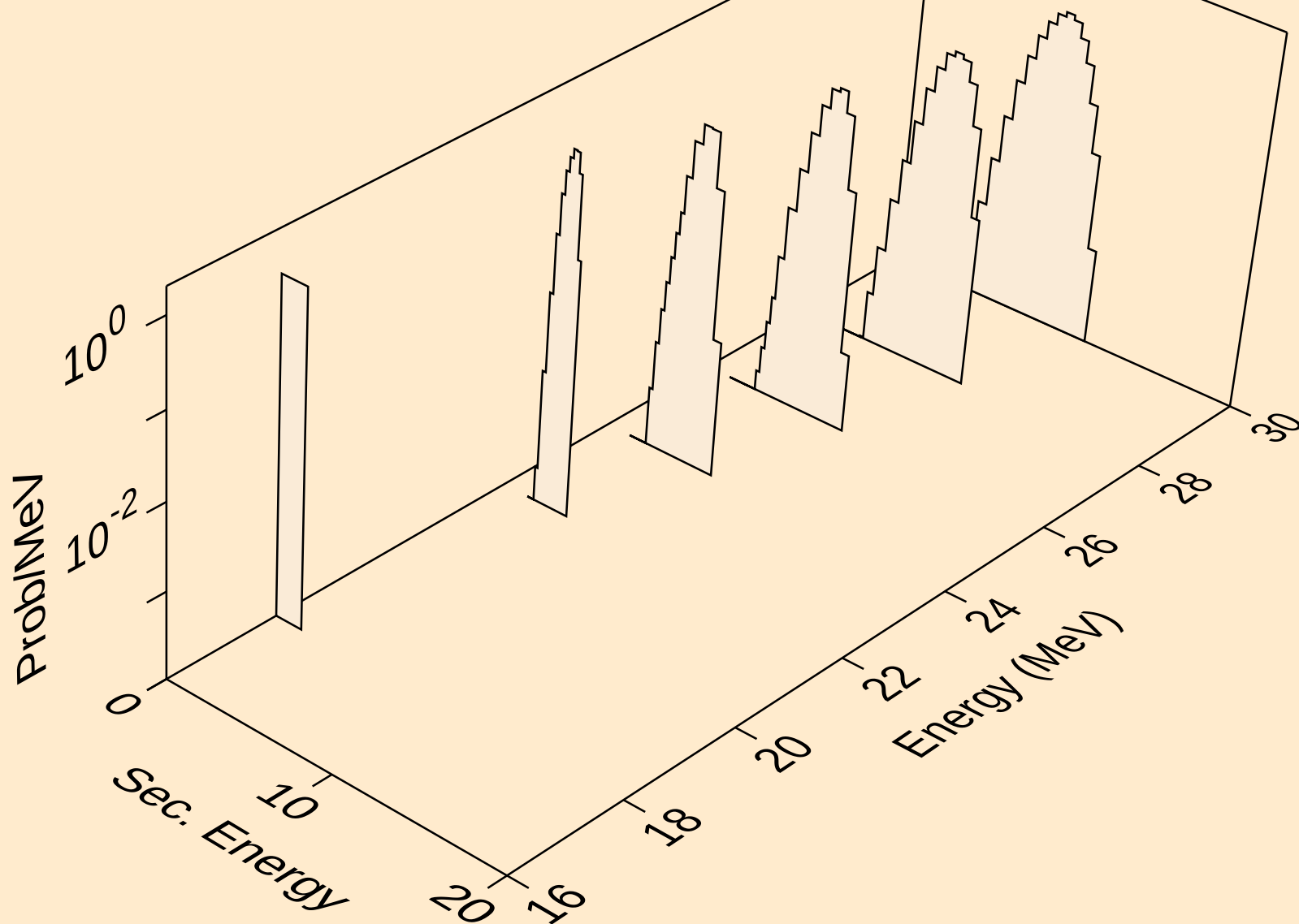
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alphas from (n,x)



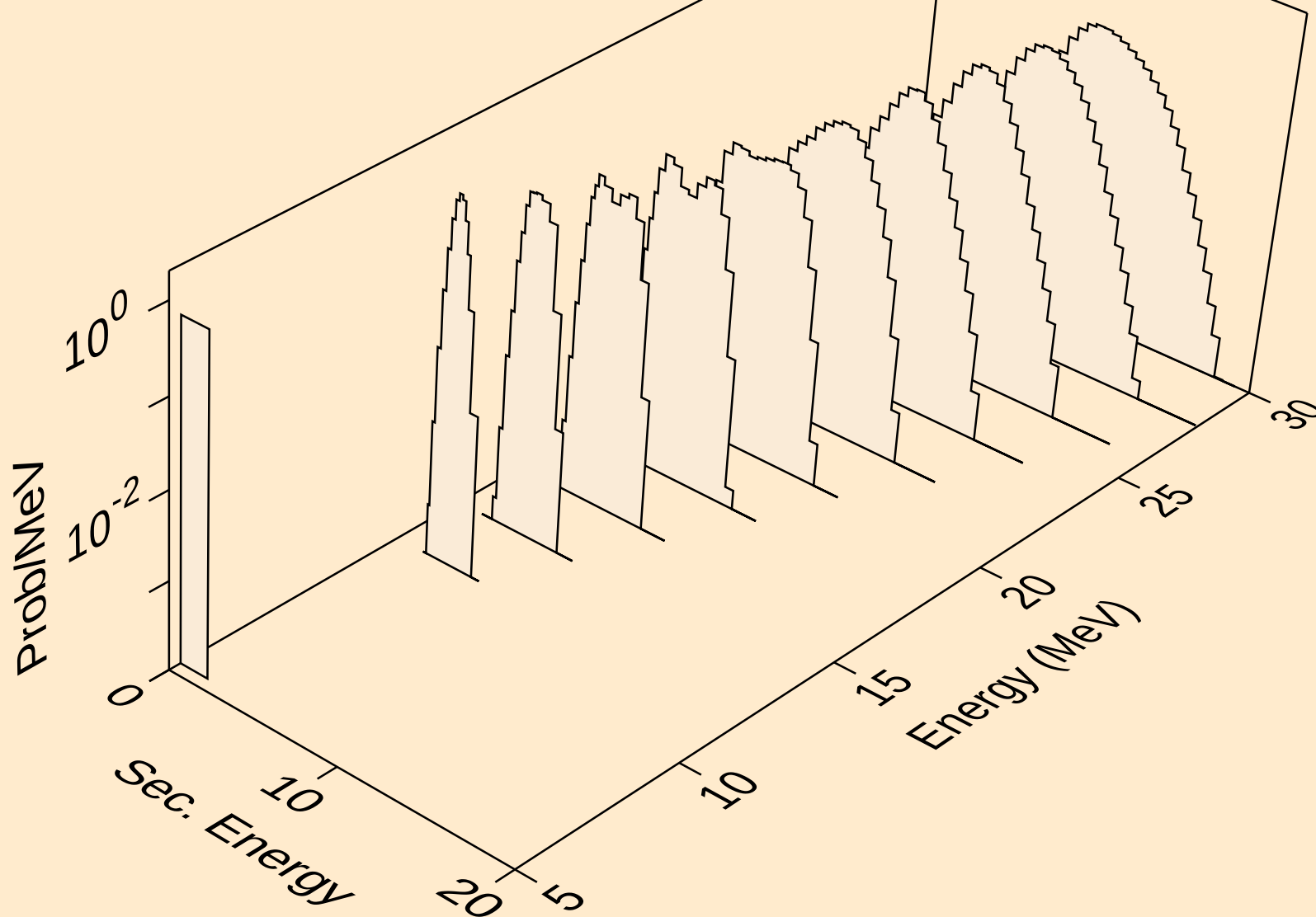
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



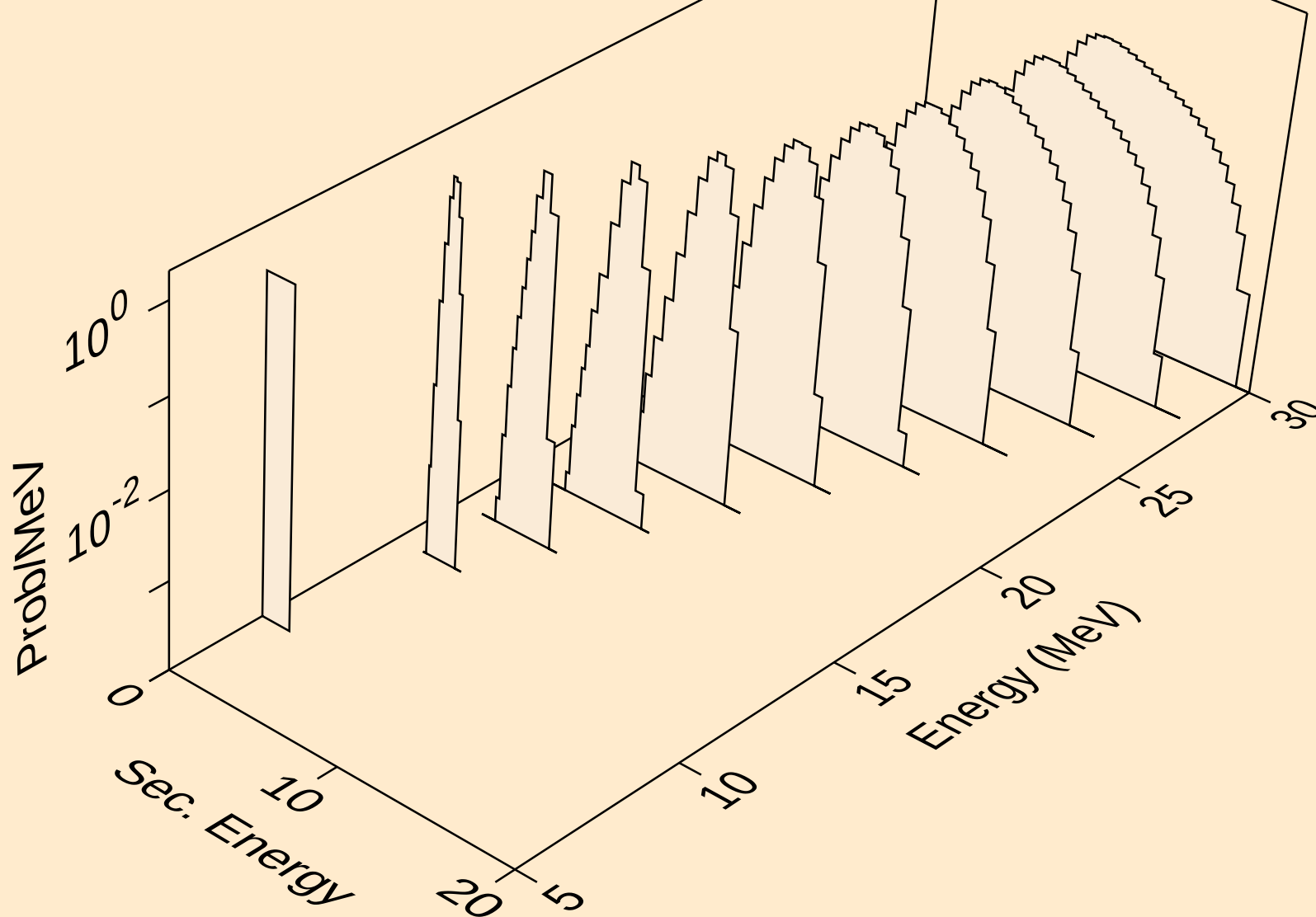
GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



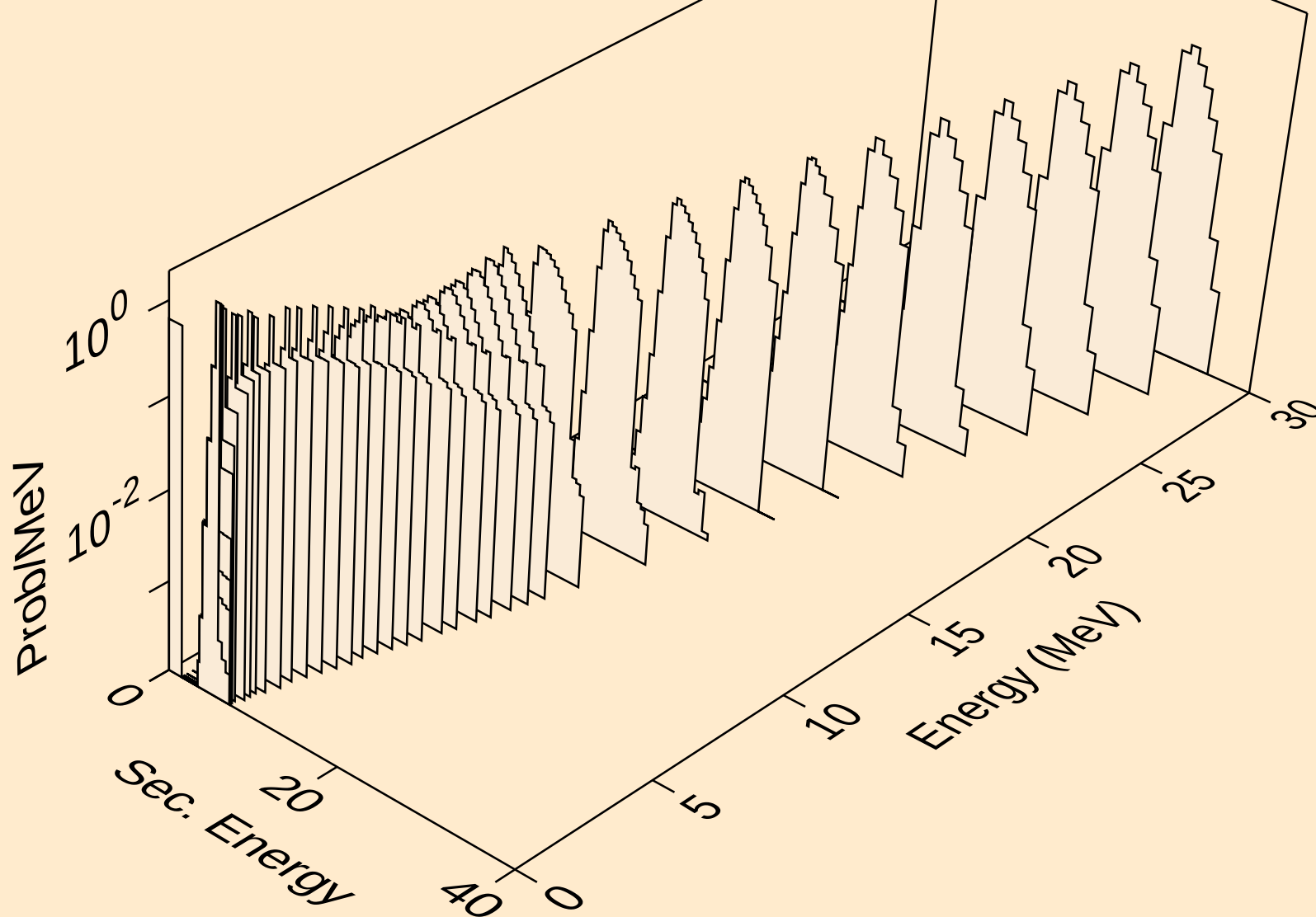
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alphas from (n,n\*)2a



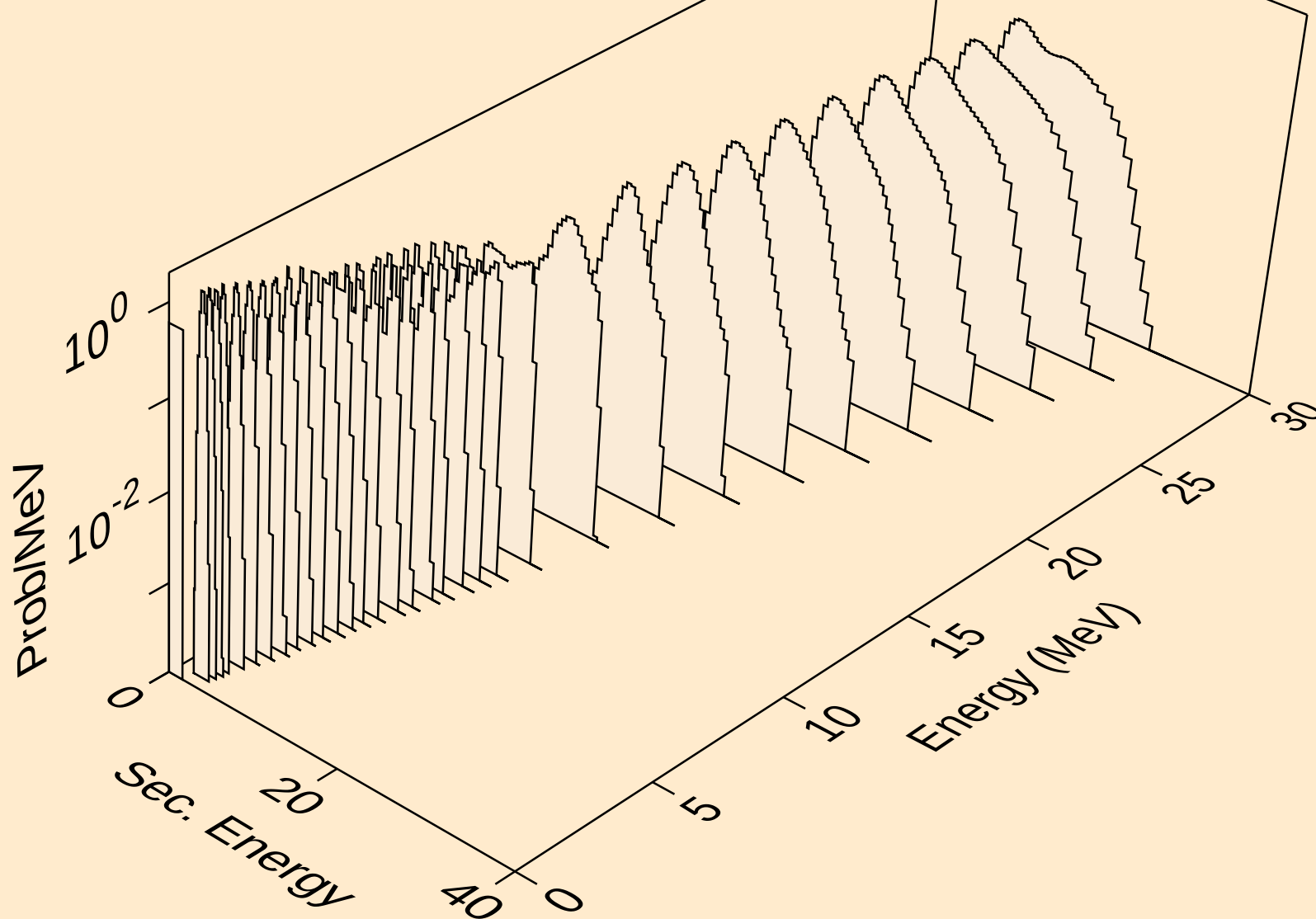
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alphas from (n,npa)



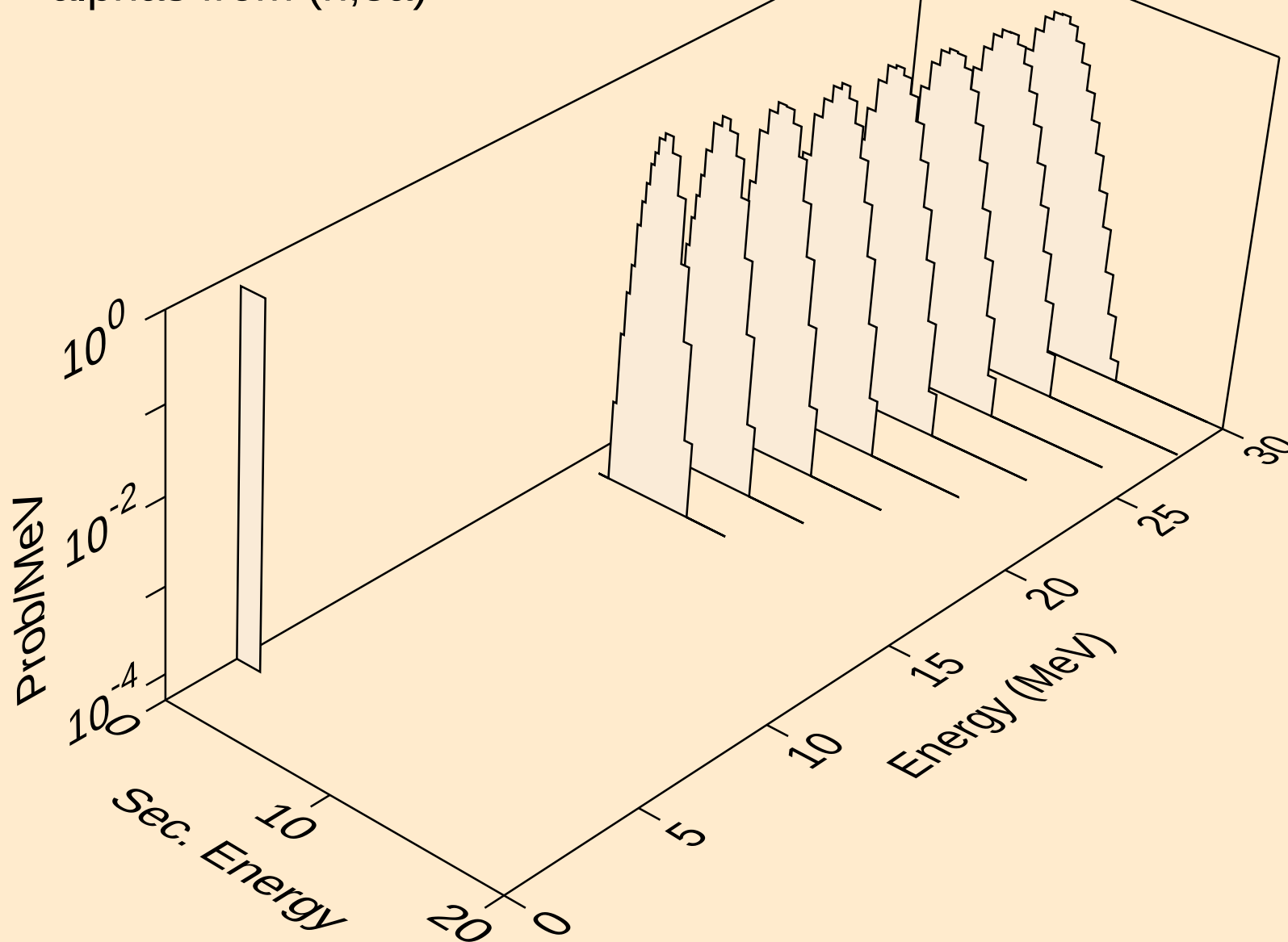
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alphas from (n,a)



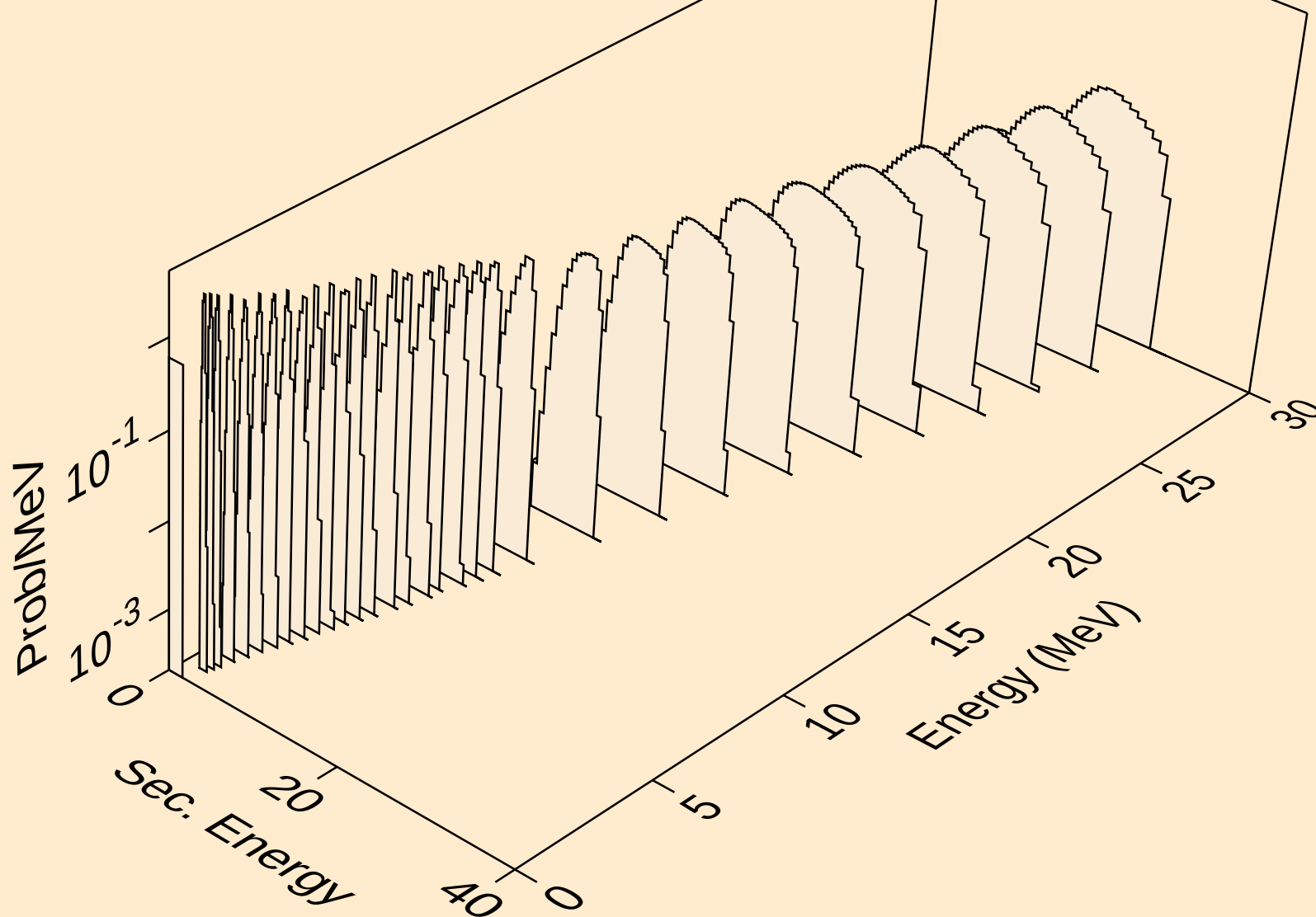
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alphas from (n,2a)



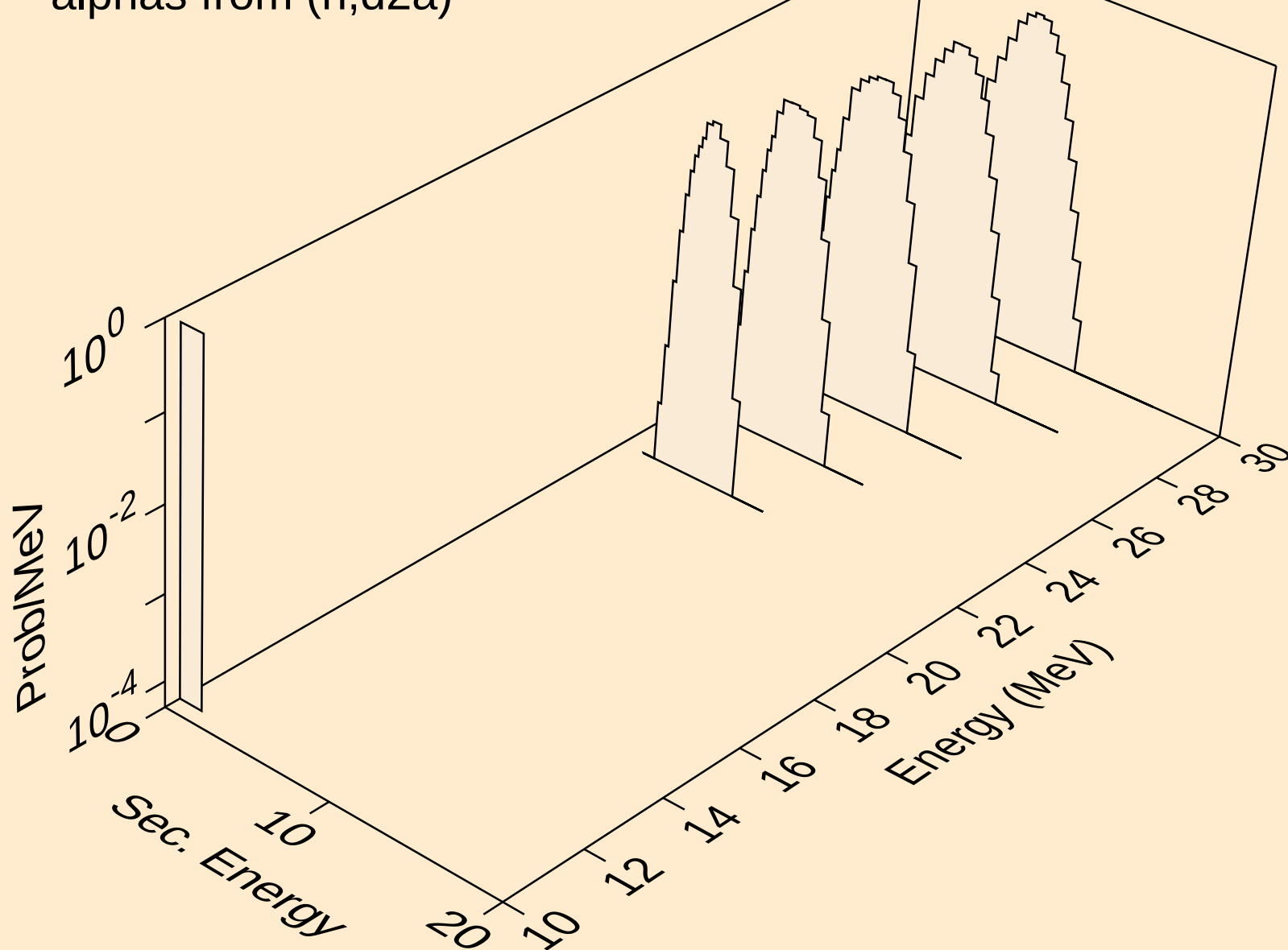
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alphas from (n,3a)



GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,d2a)



GE064 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

