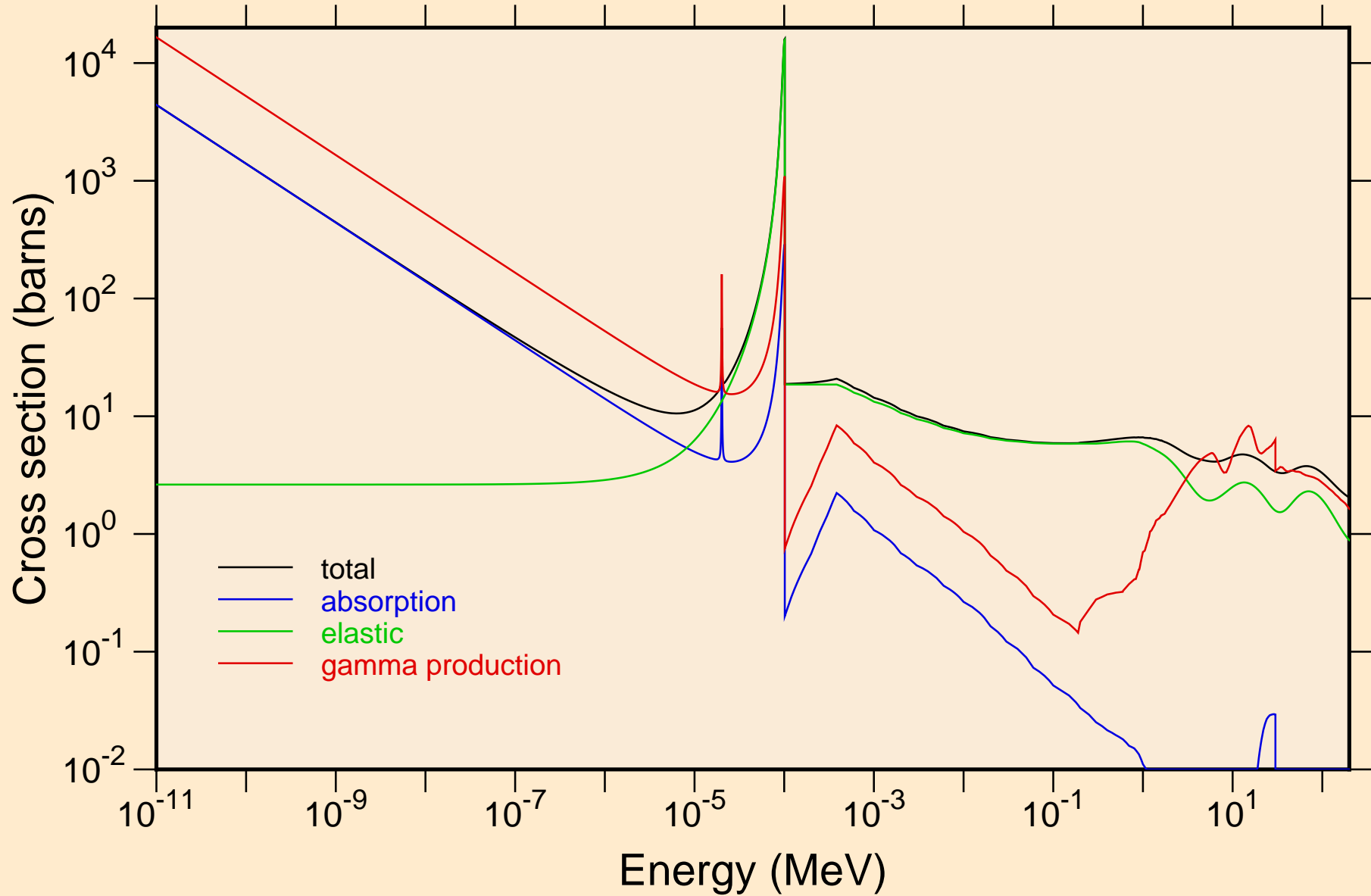
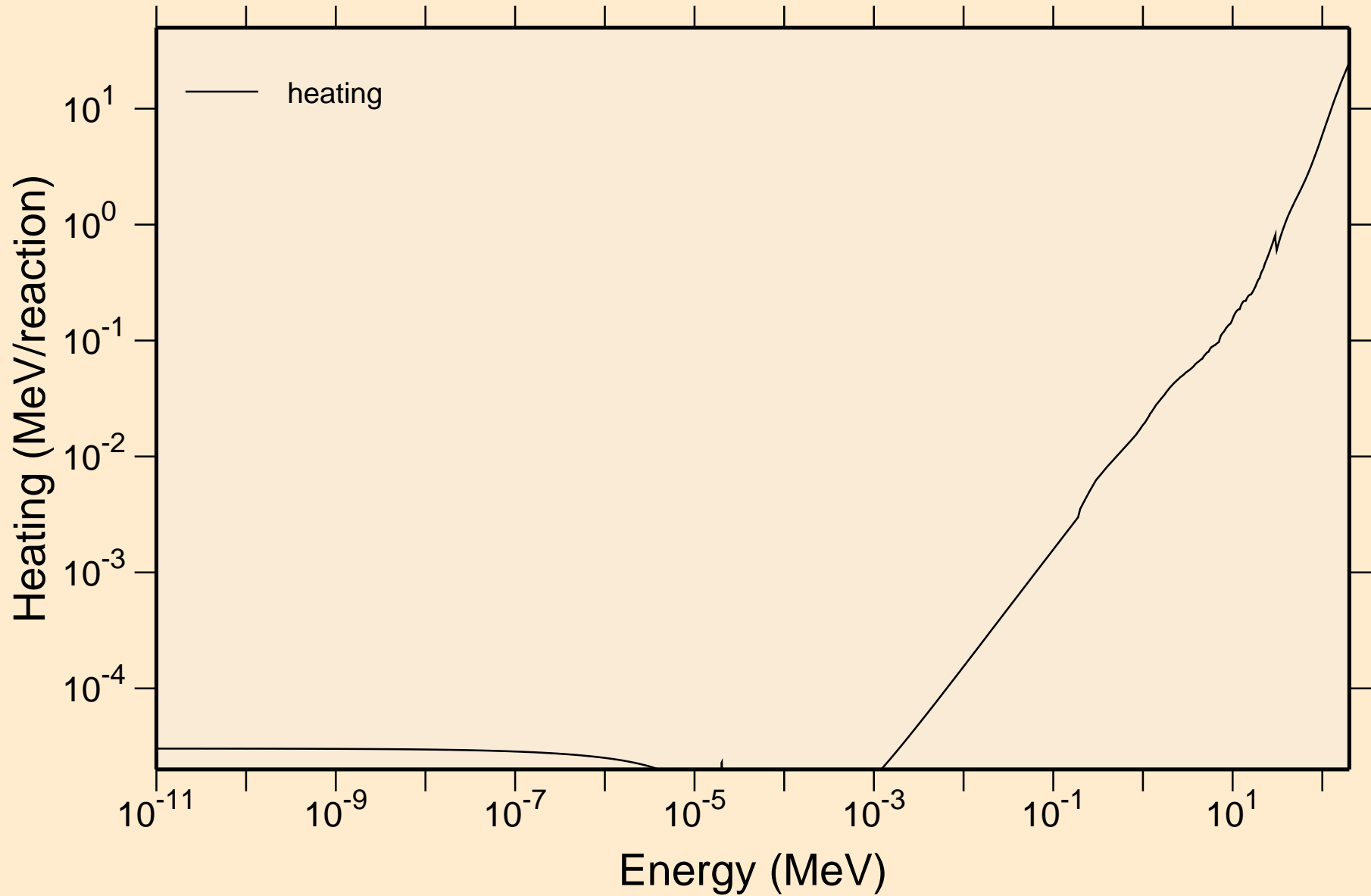


# SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

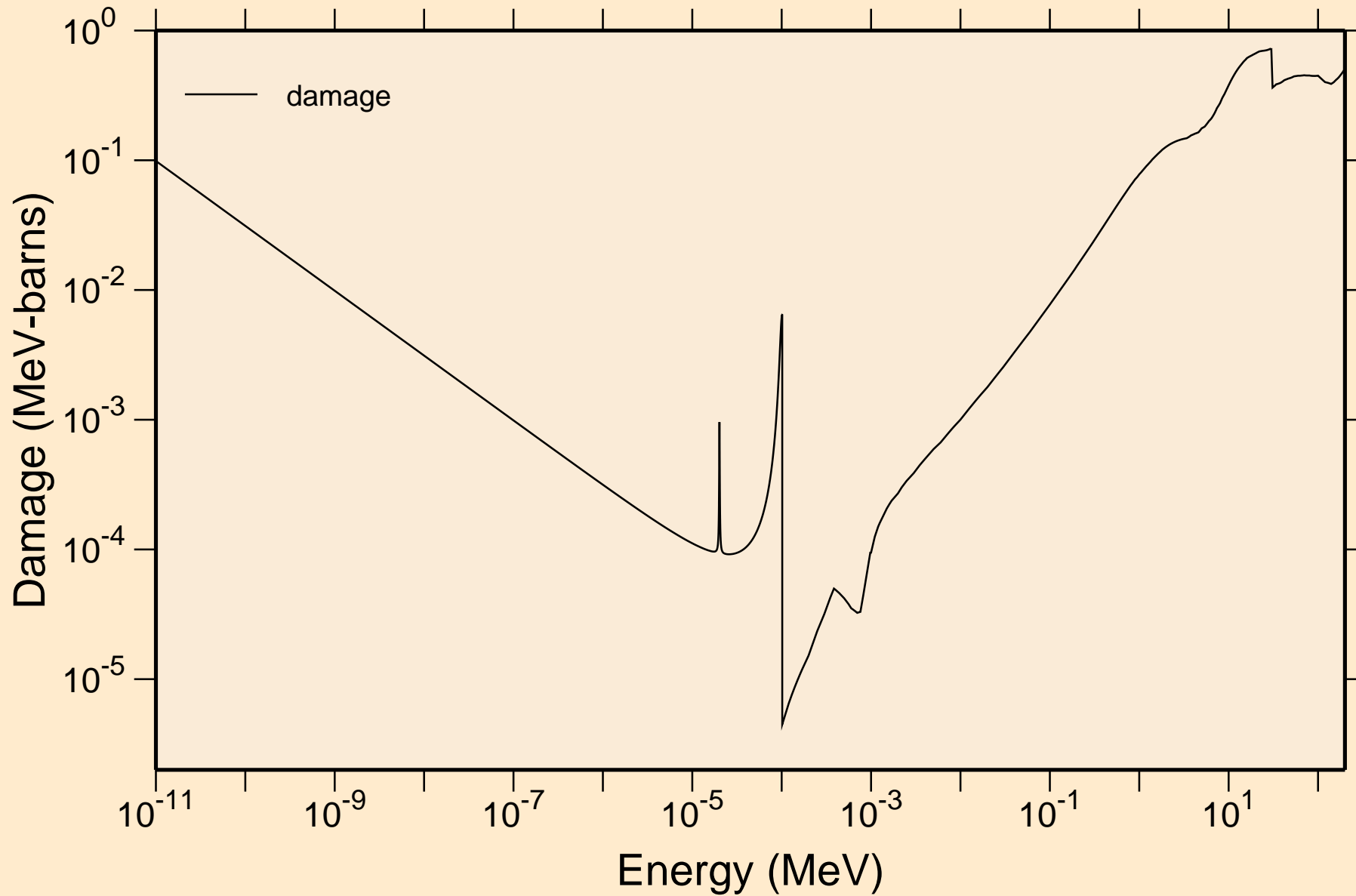


SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



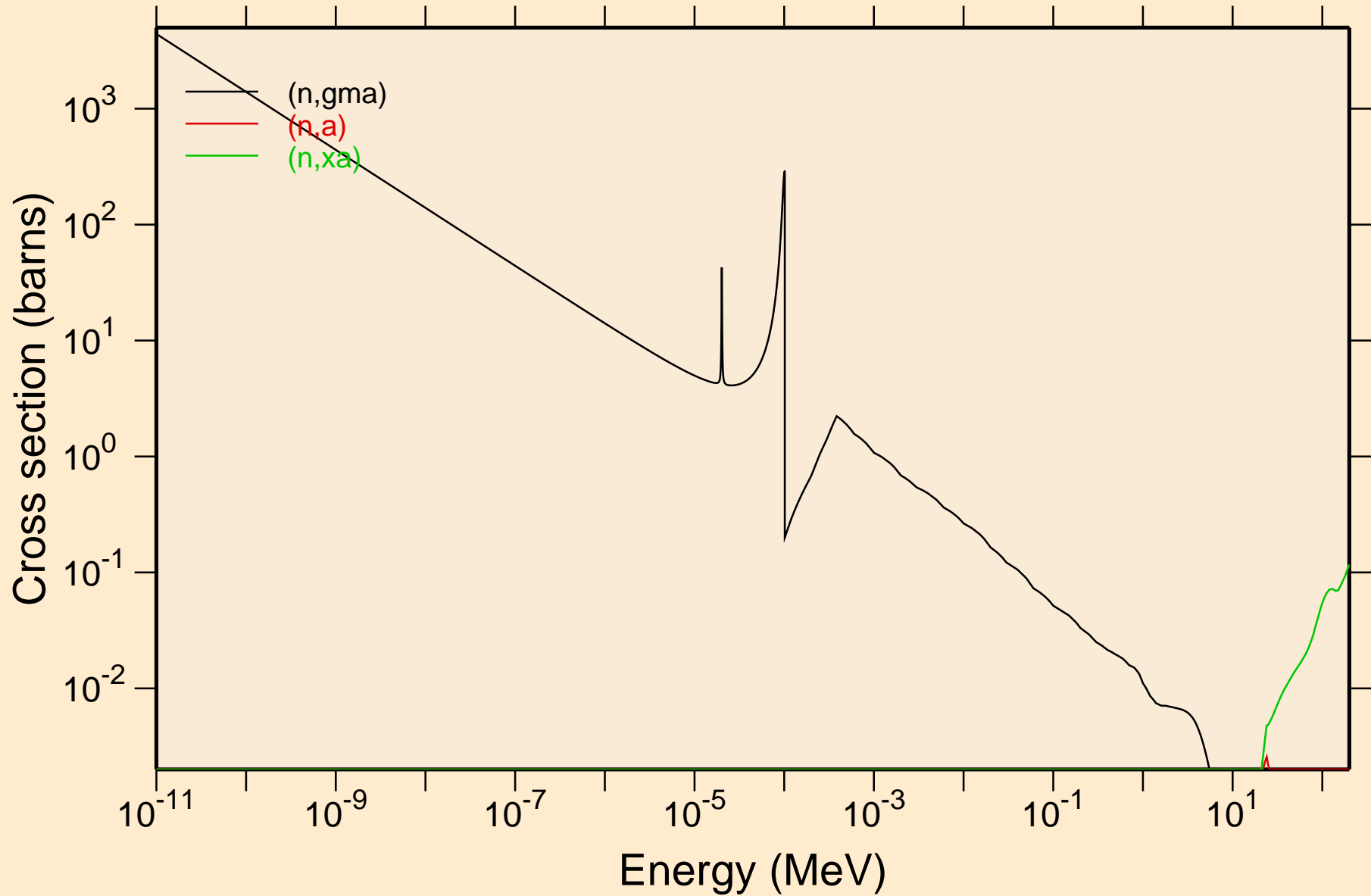
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## Damage



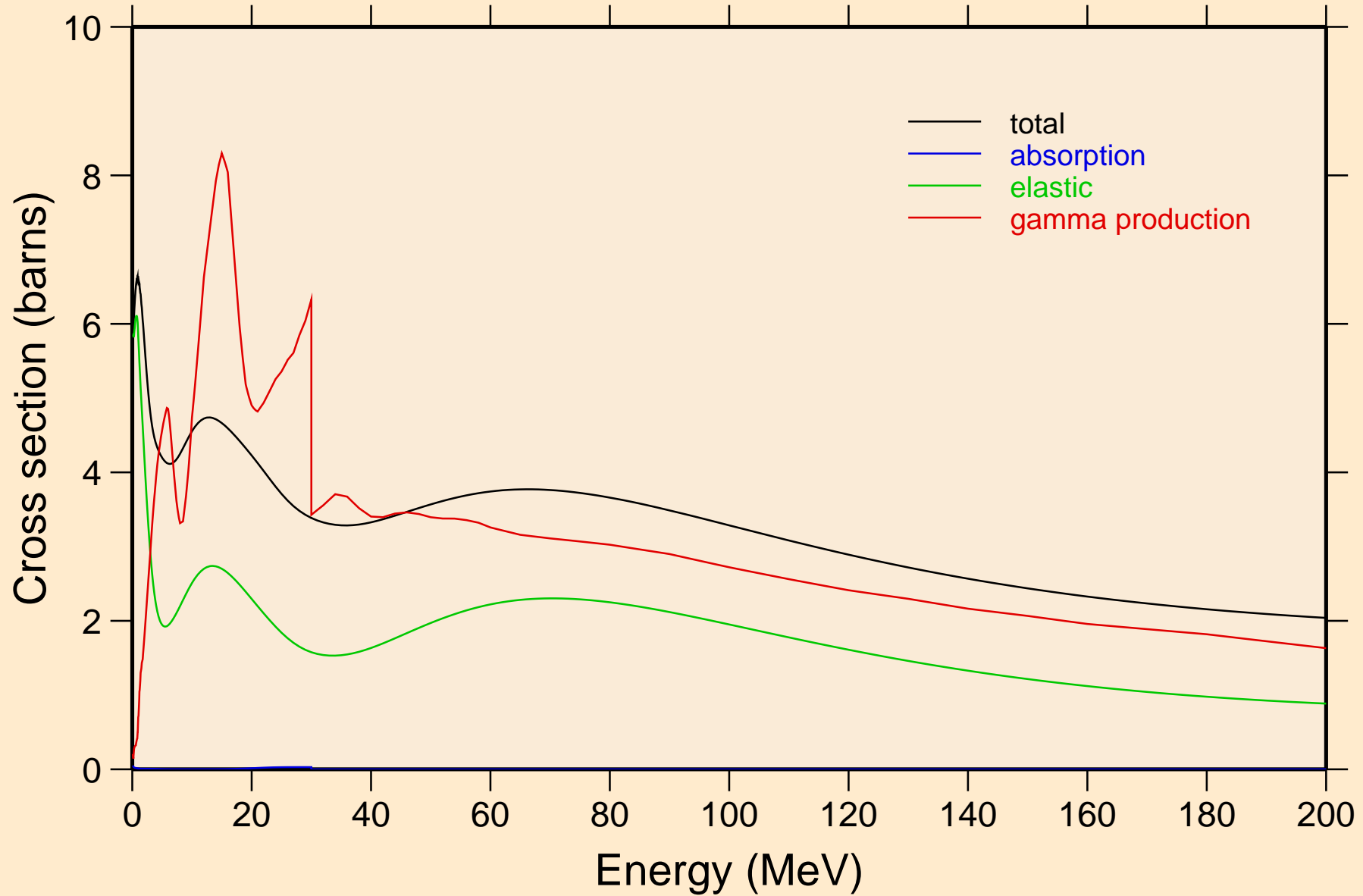
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## Non-threshold reactions



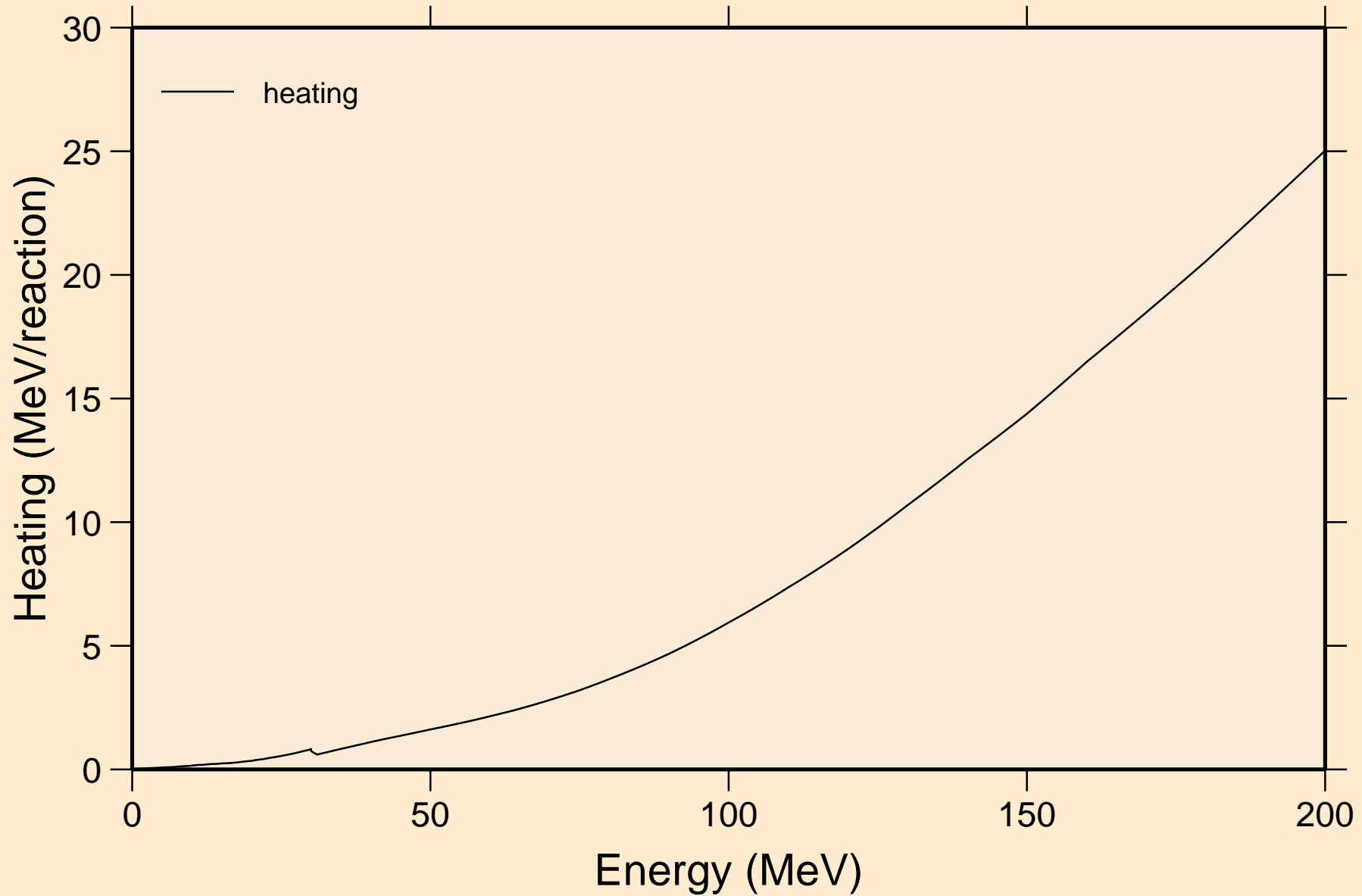
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## Principal cross sections



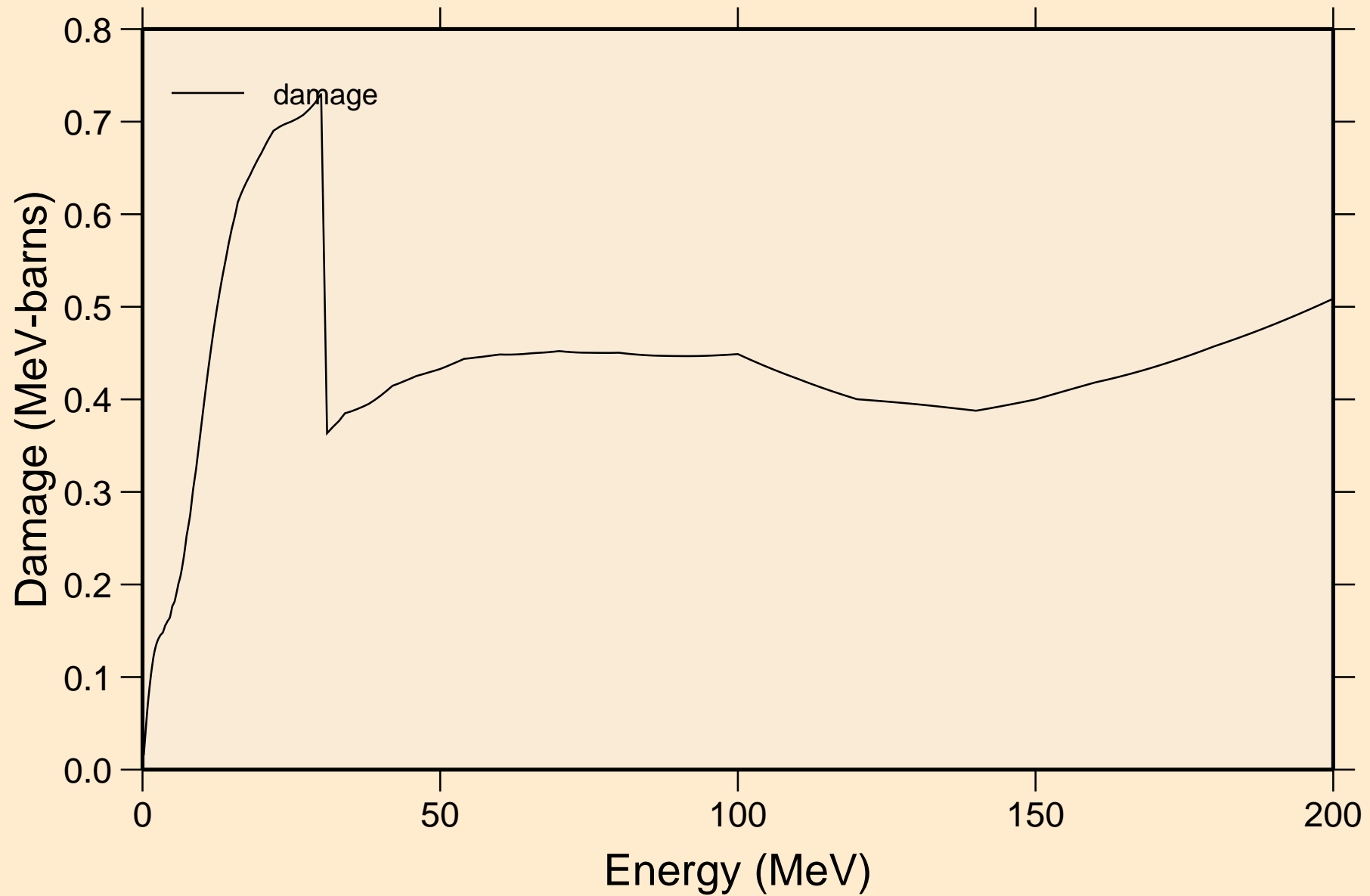
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## Heating



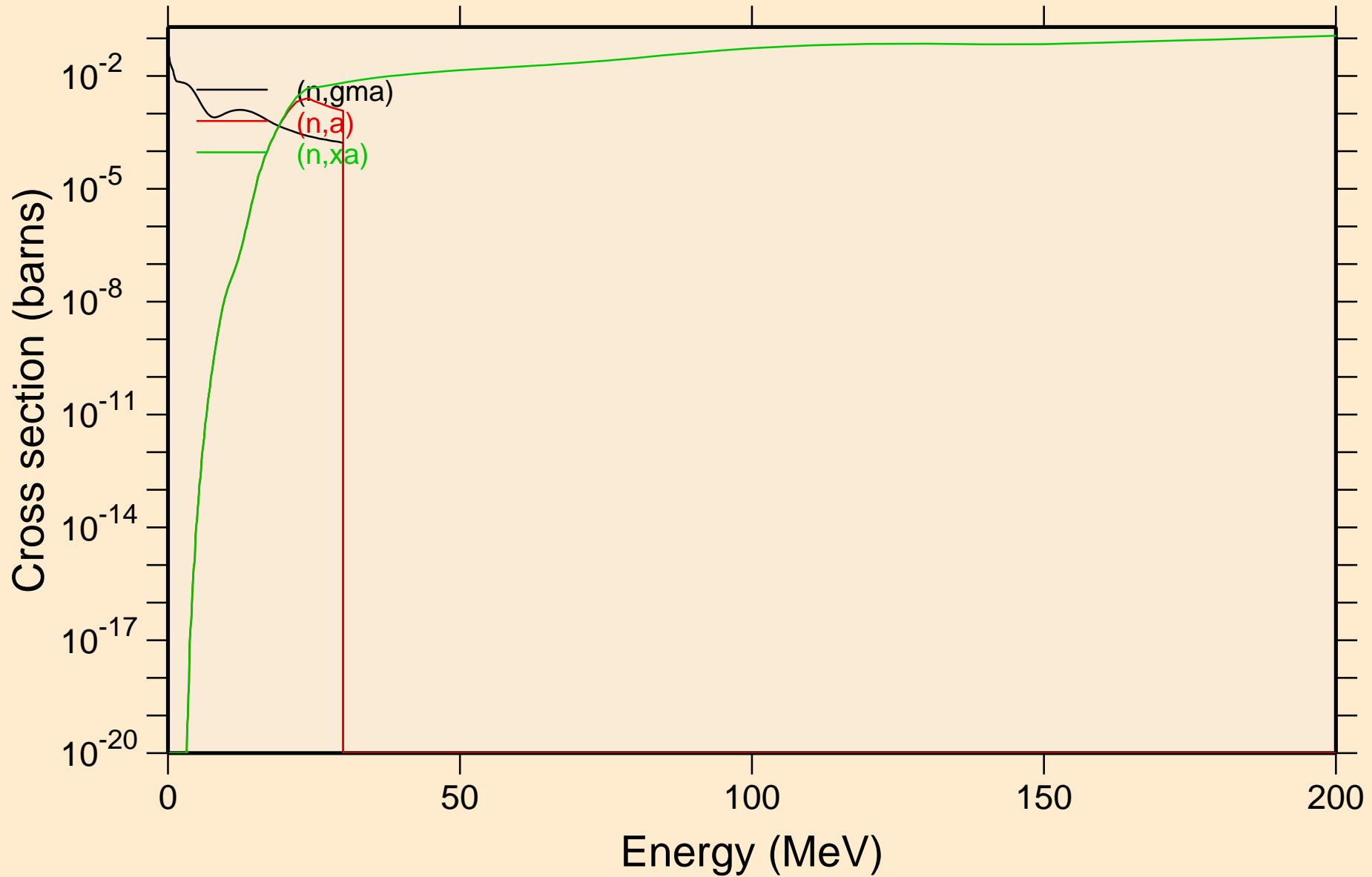
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## Damage



# SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

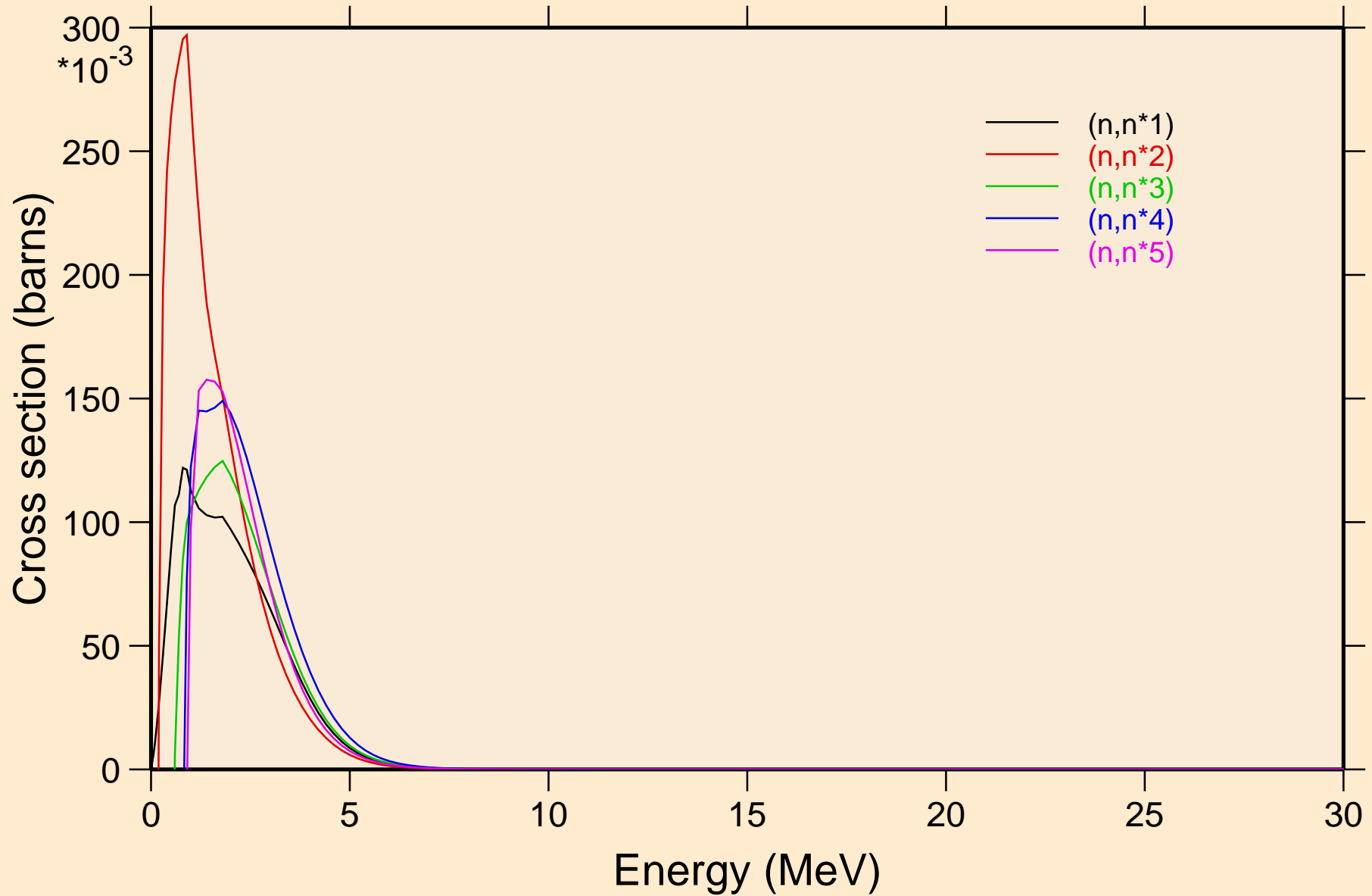
## Non-threshold reactions





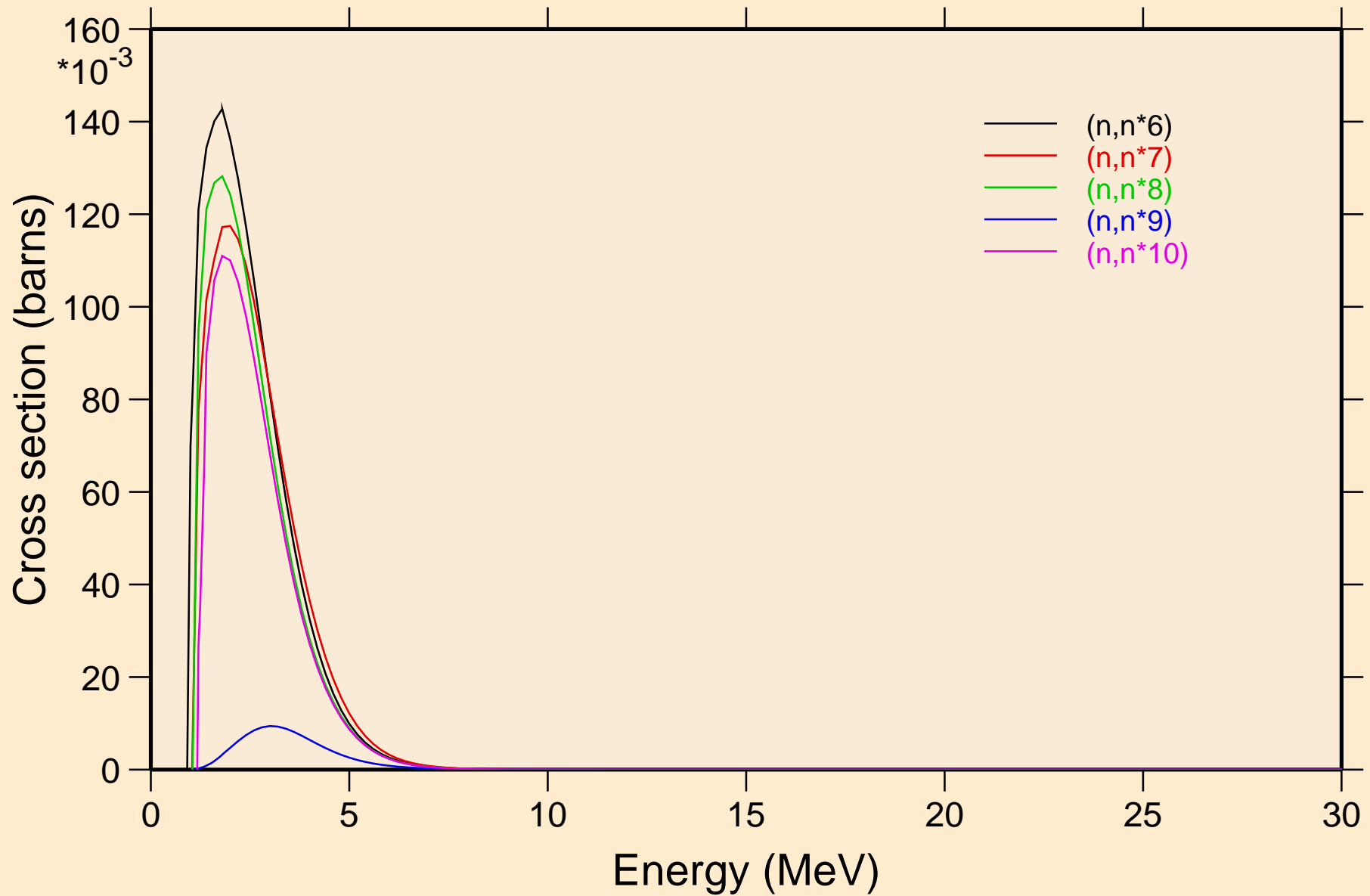
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## Inelastic levels



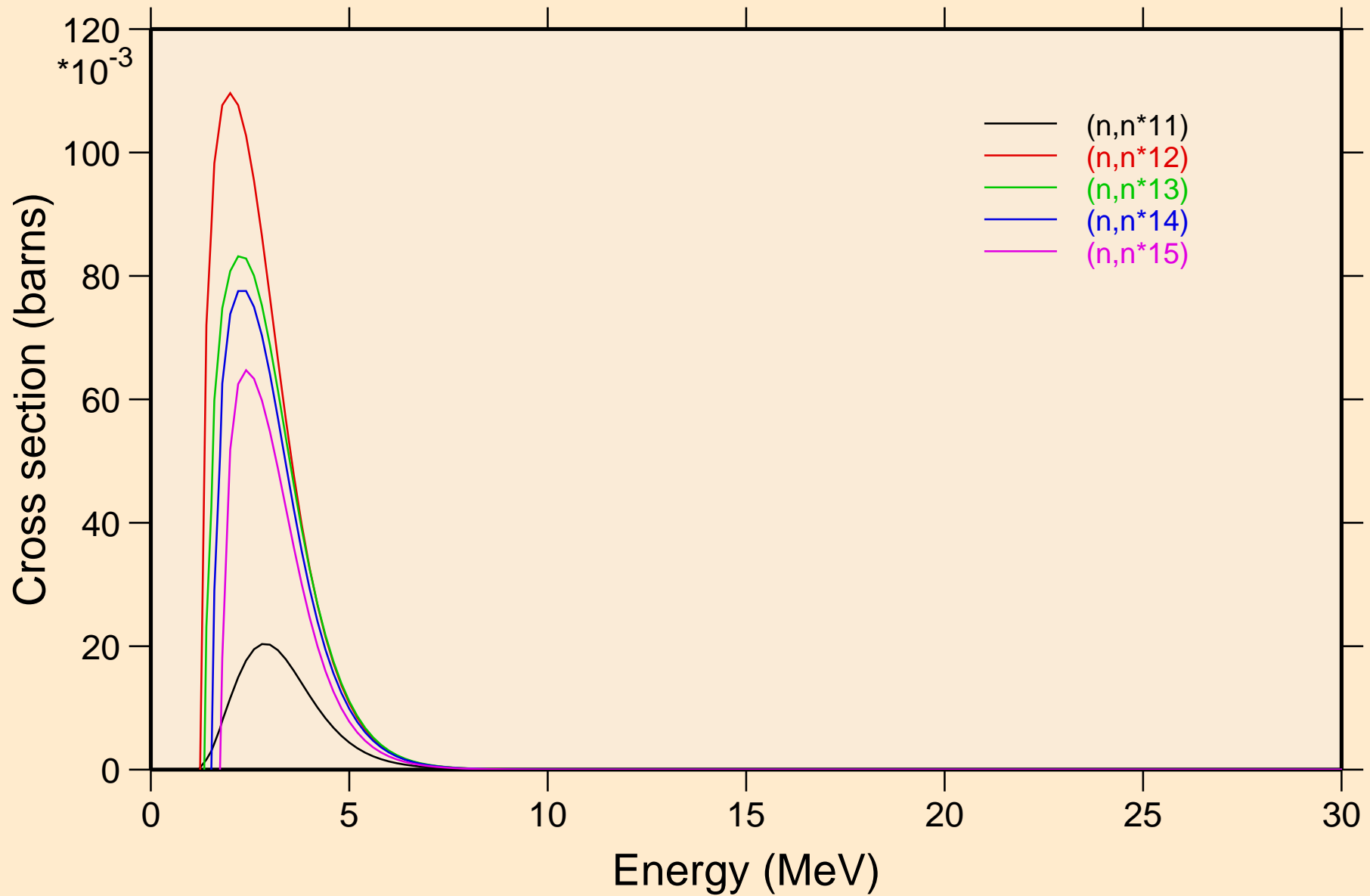
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## Inelastic levels

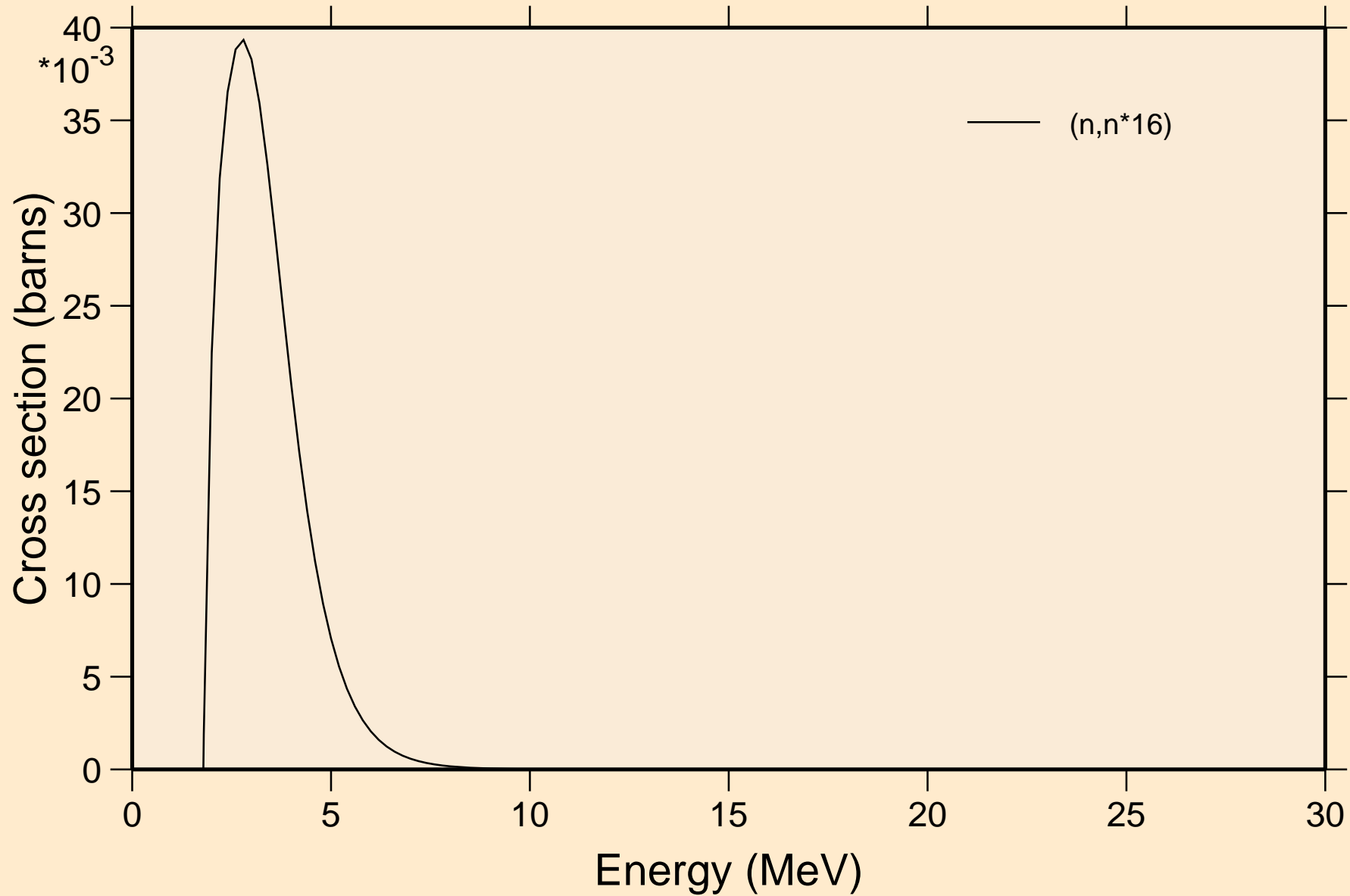


# SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels

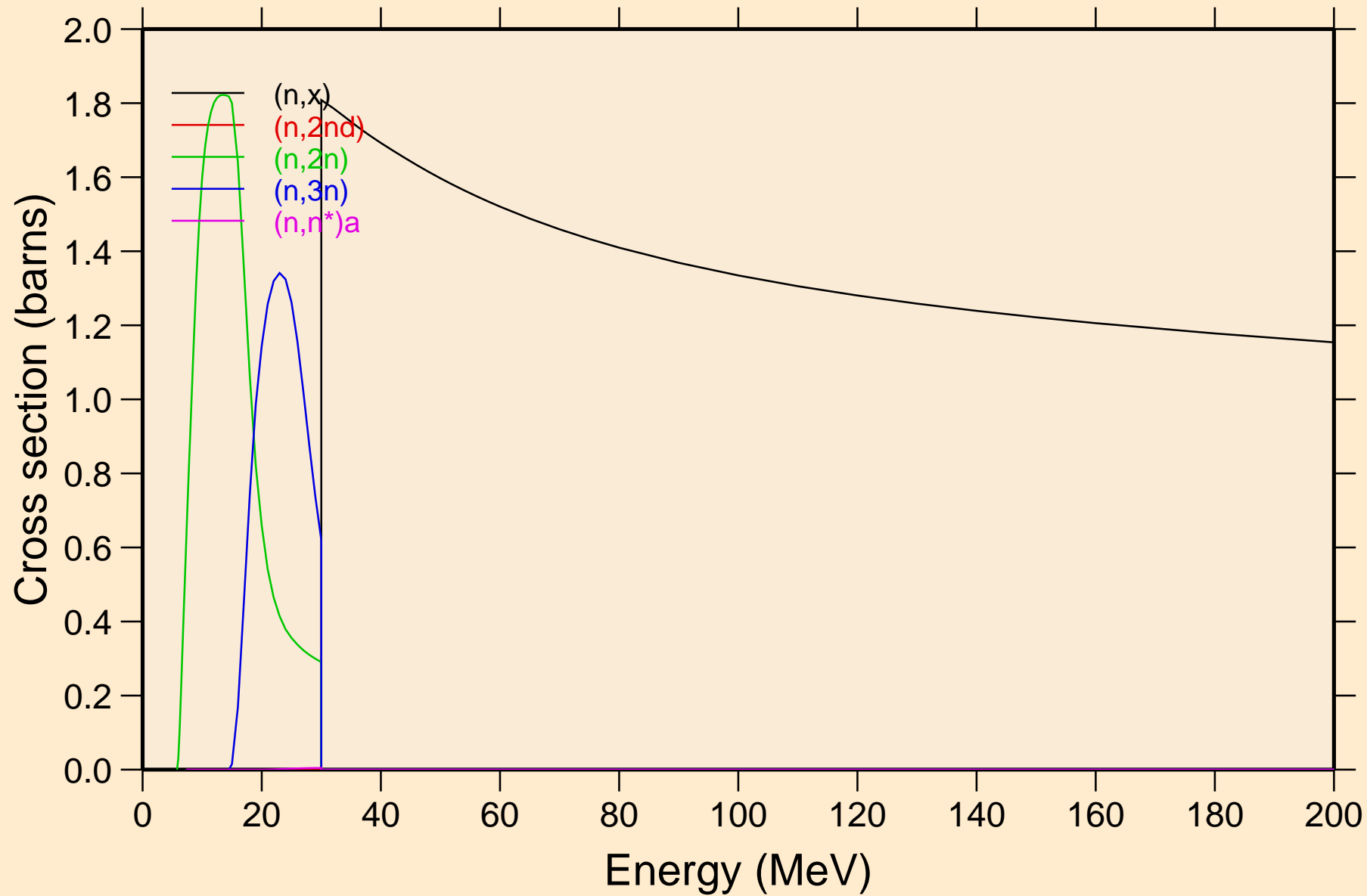


SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



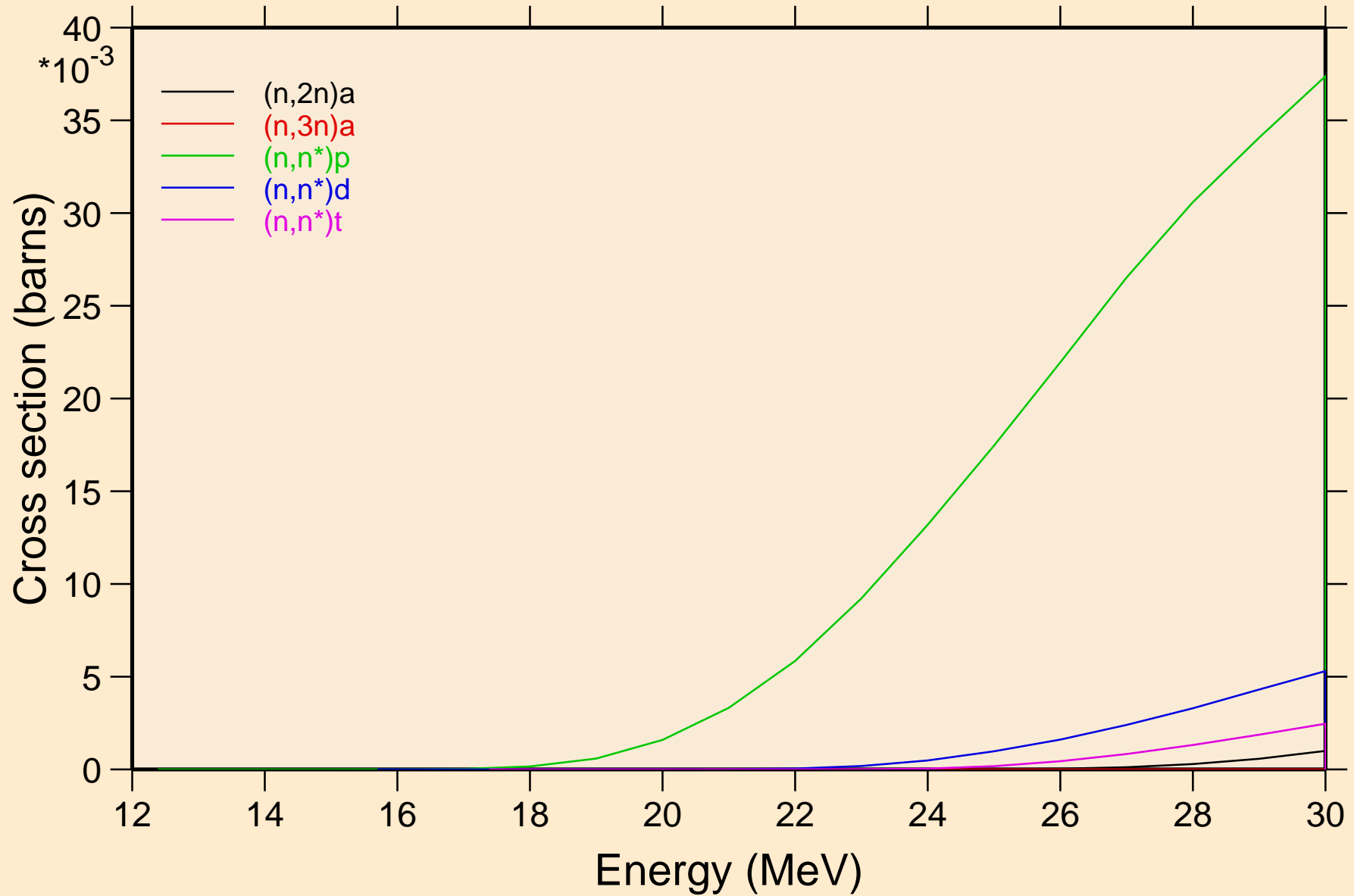
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## Threshold reactions



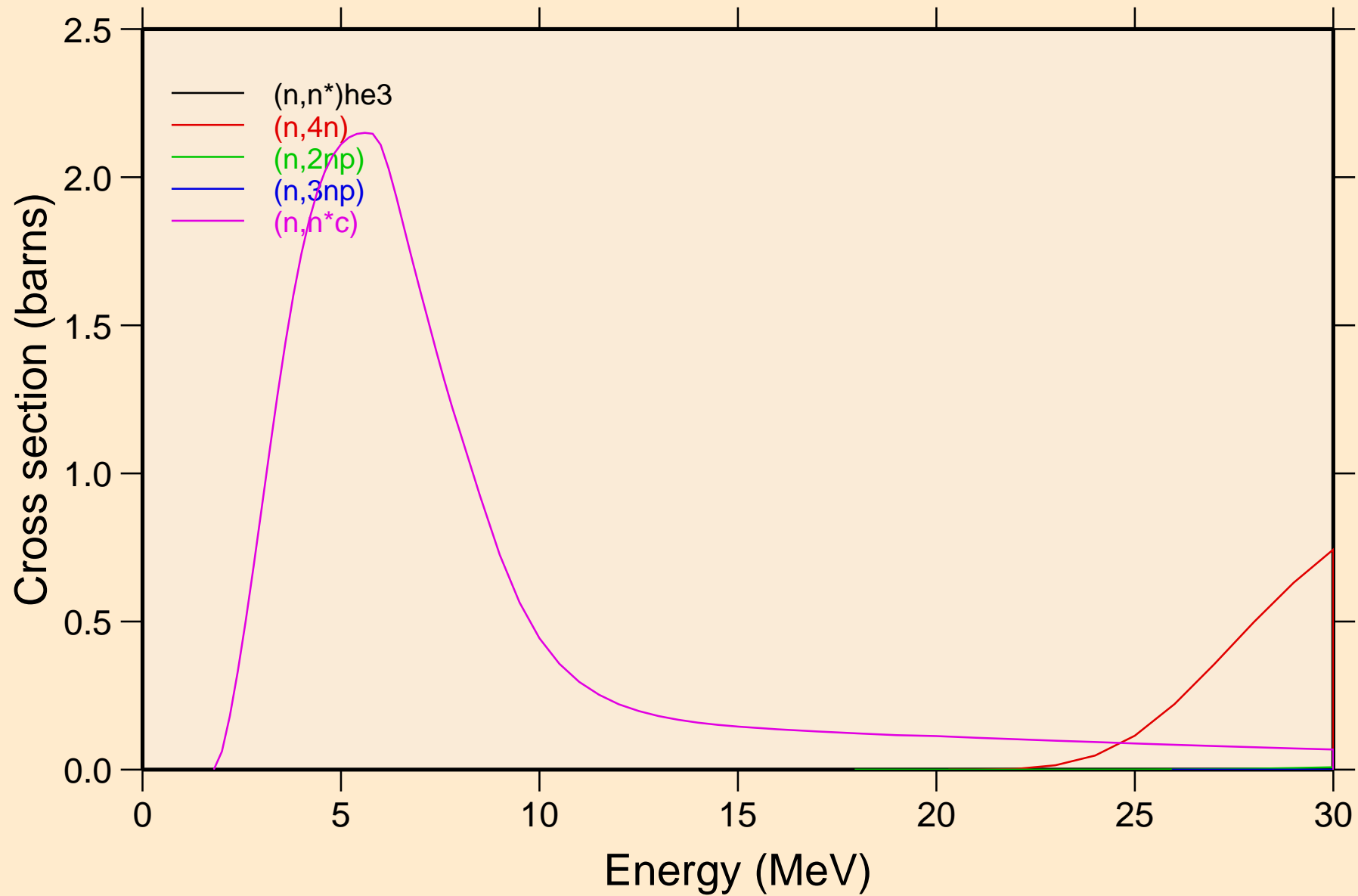
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## Threshold reactions



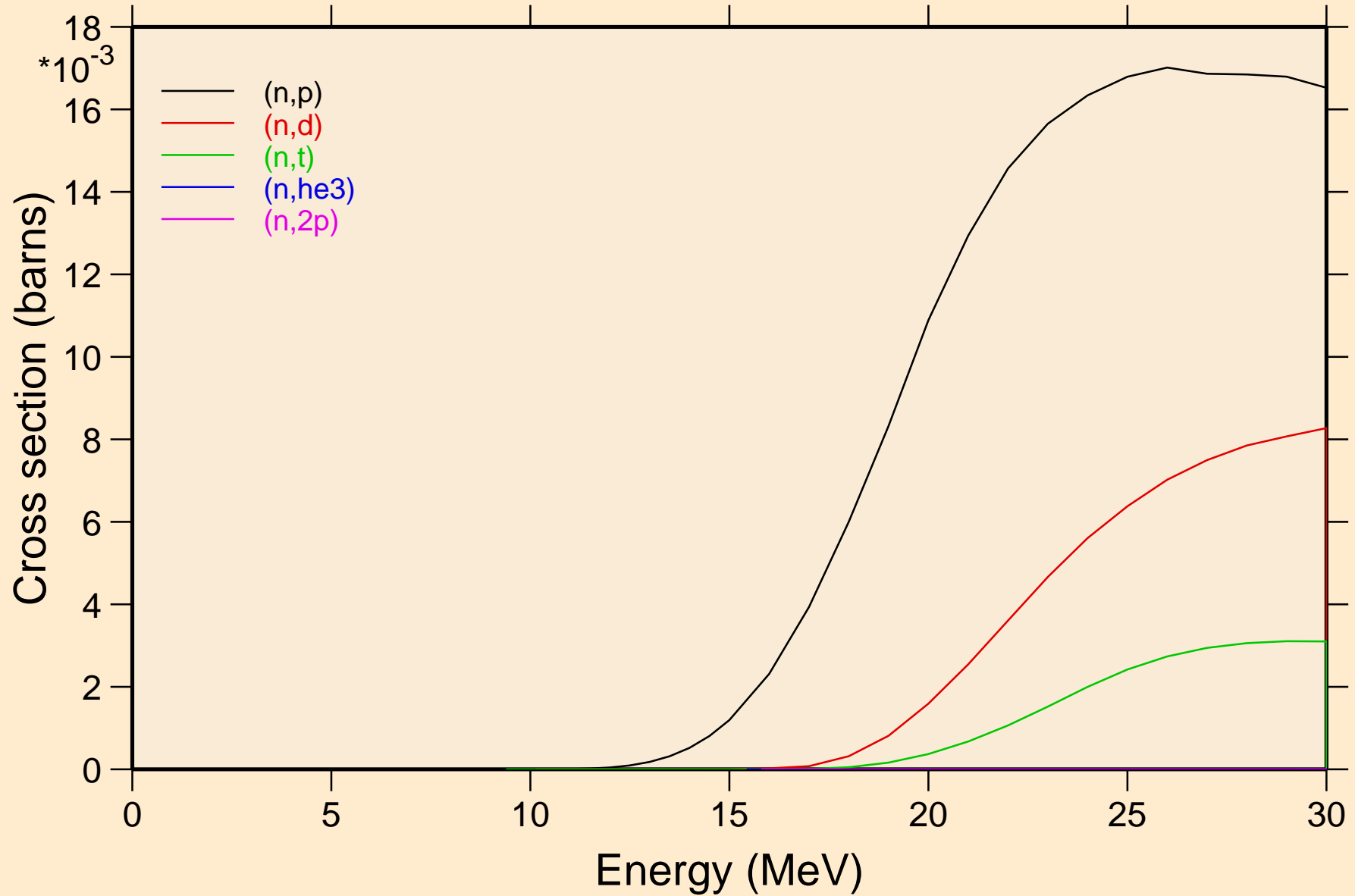
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## Threshold reactions



# SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

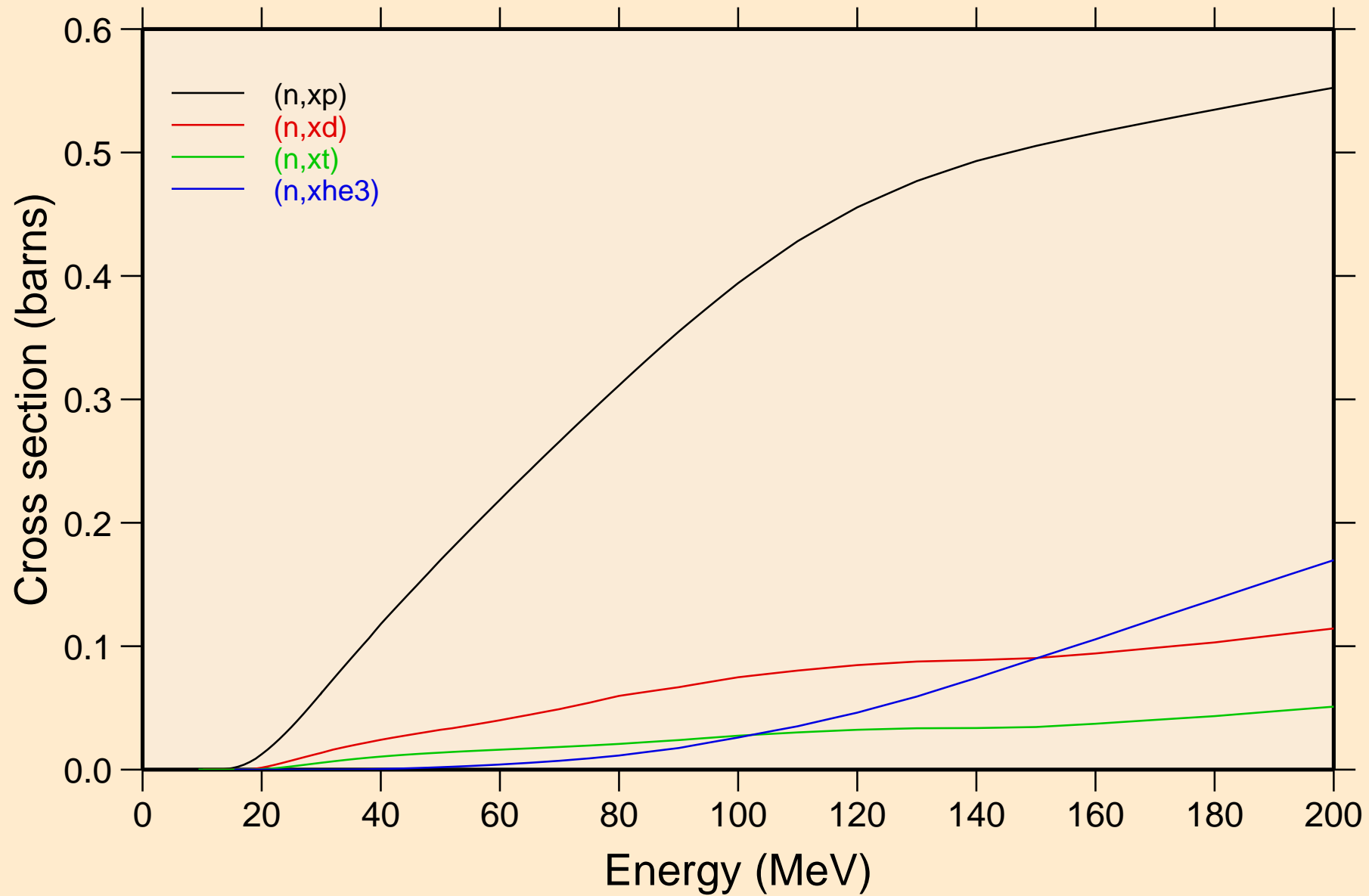
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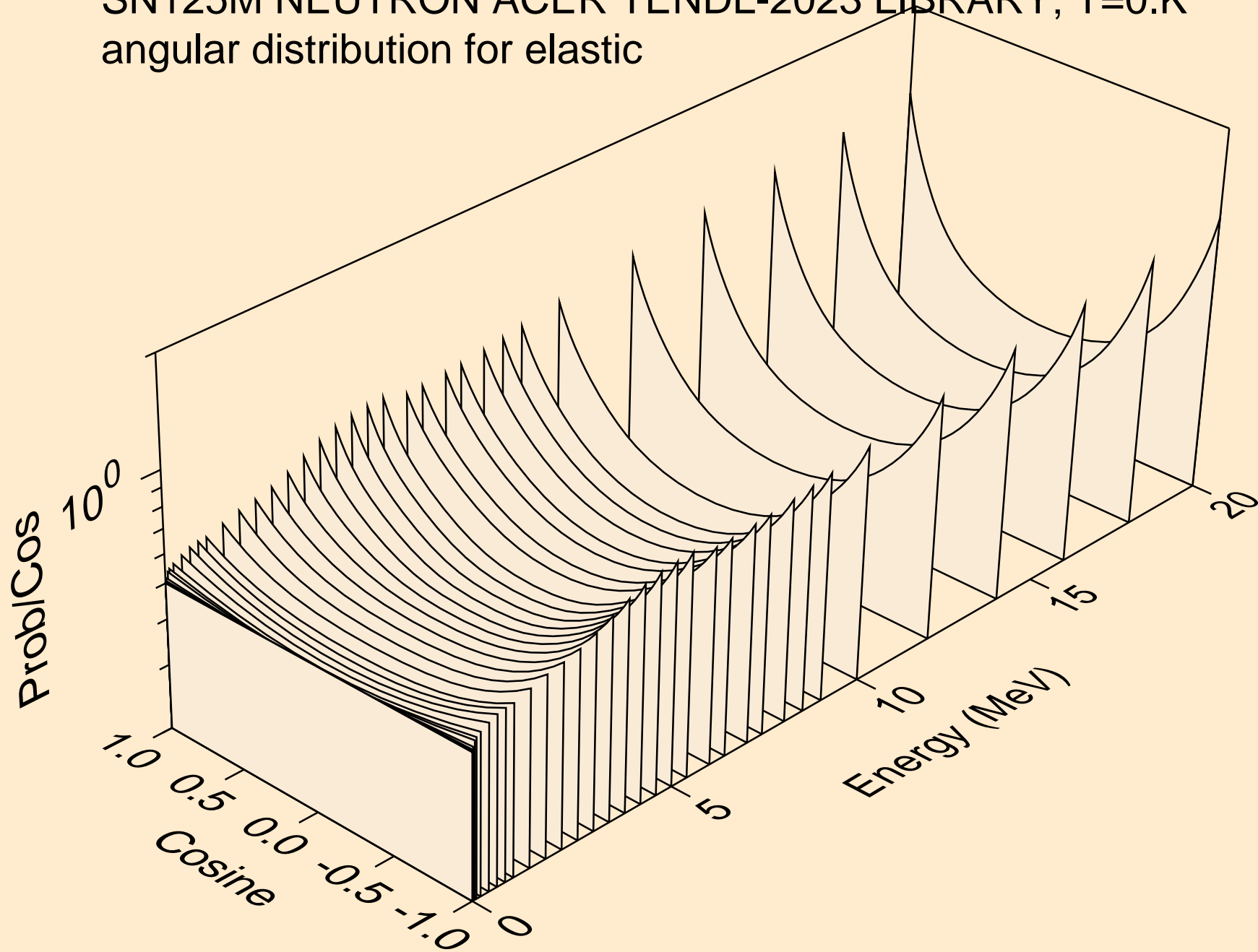


# SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

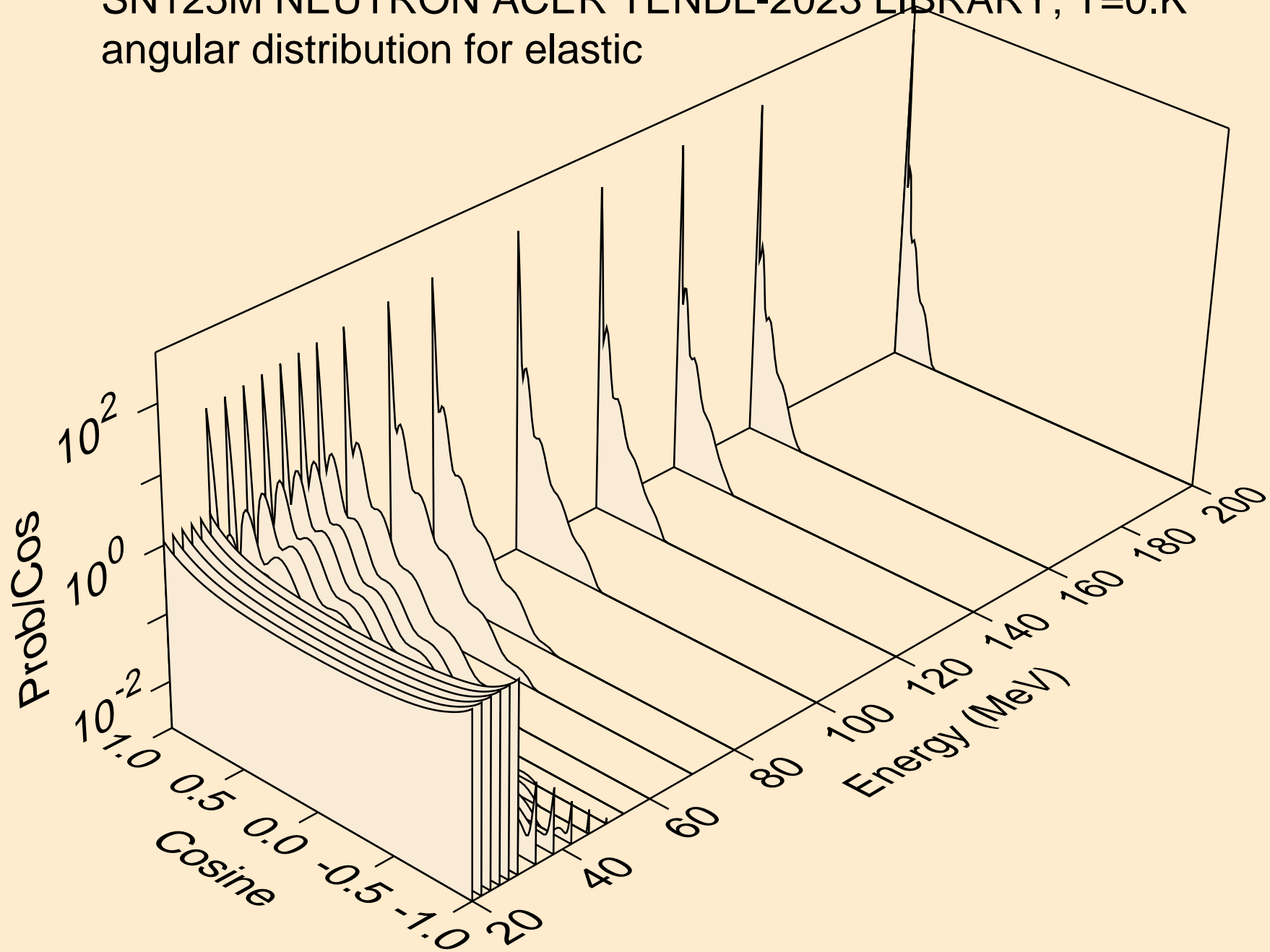
## Threshold reactions



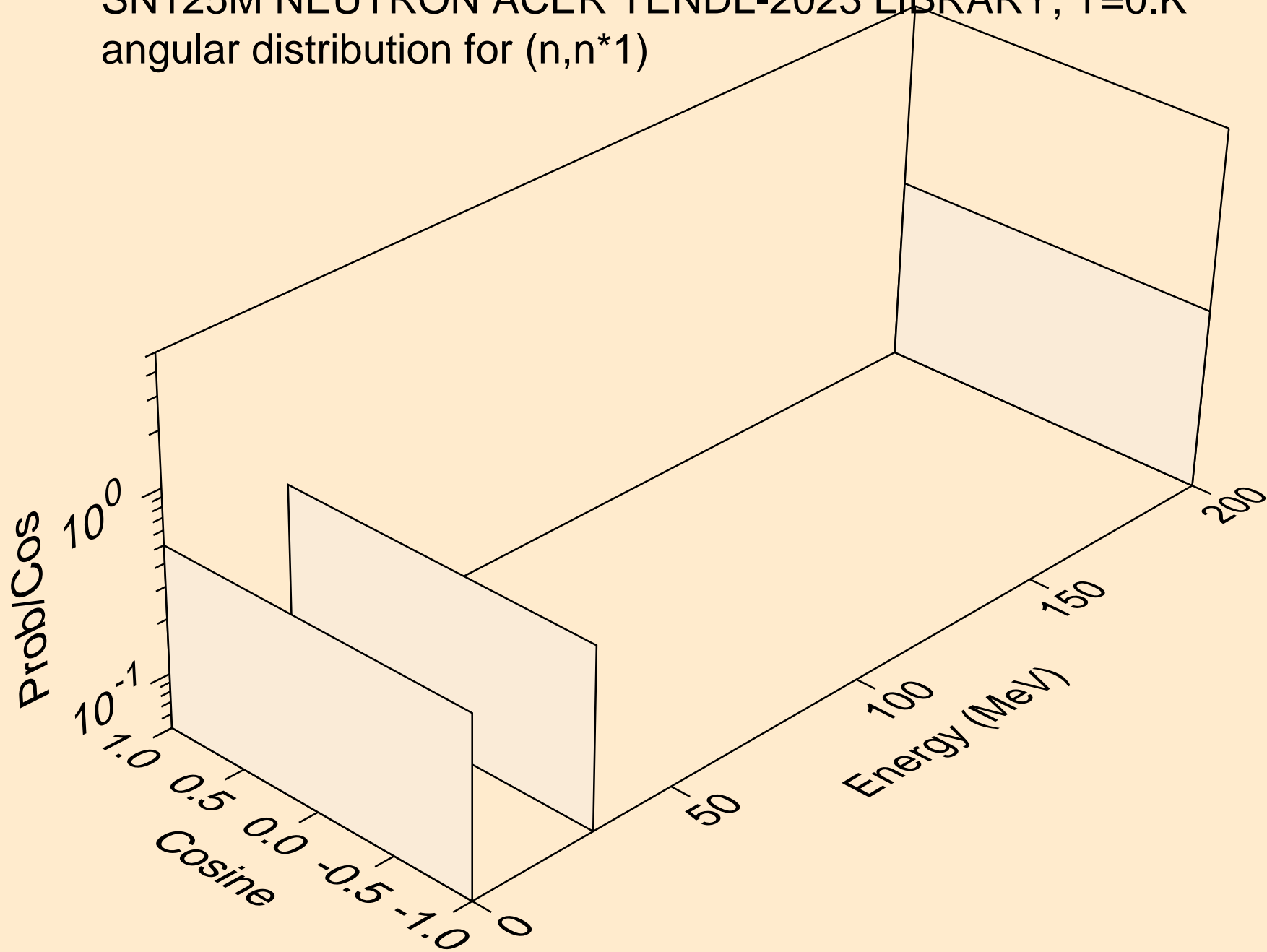
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angular distribution for elastic



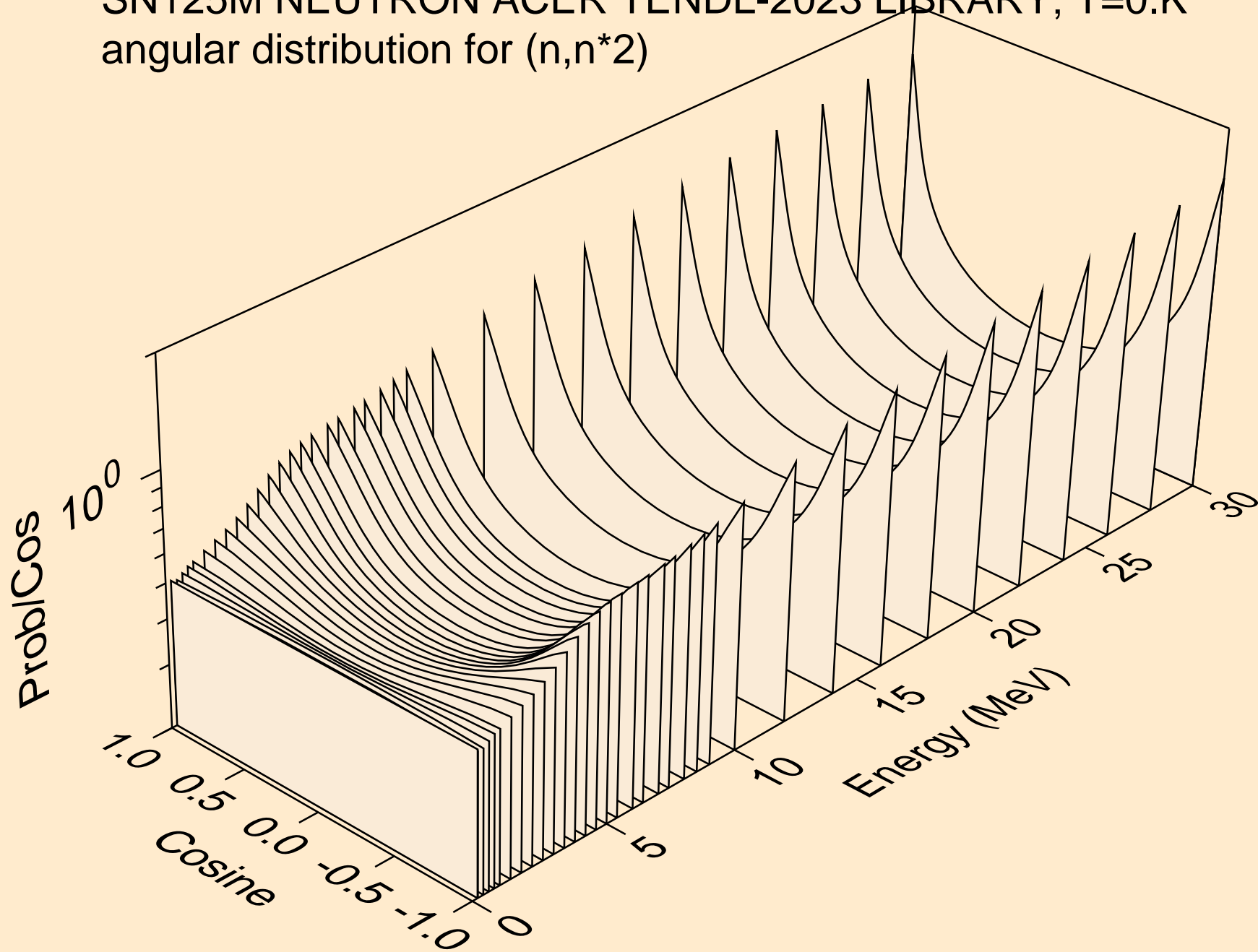
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angular distribution for elastic



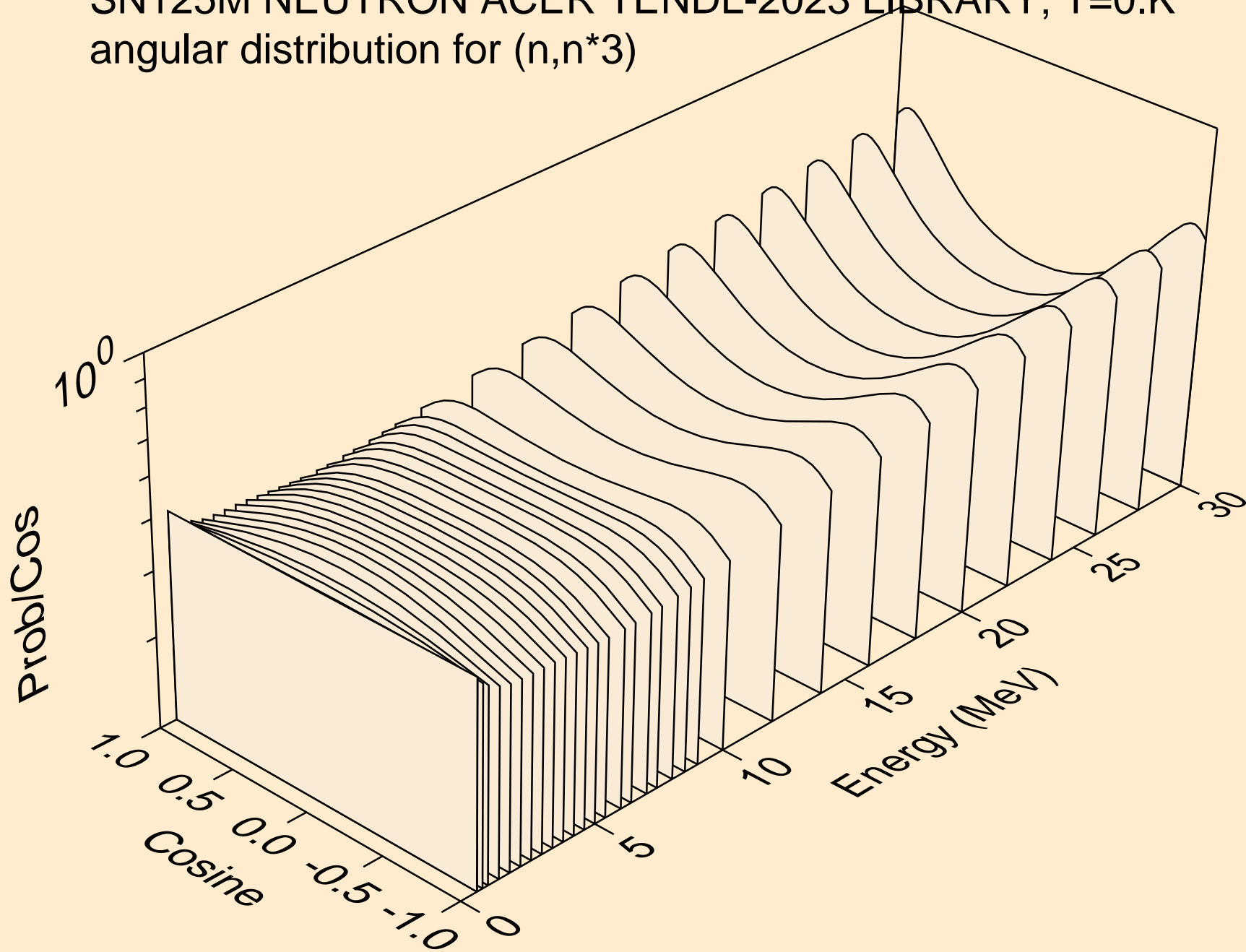
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angular distribution for (n,n\*1)



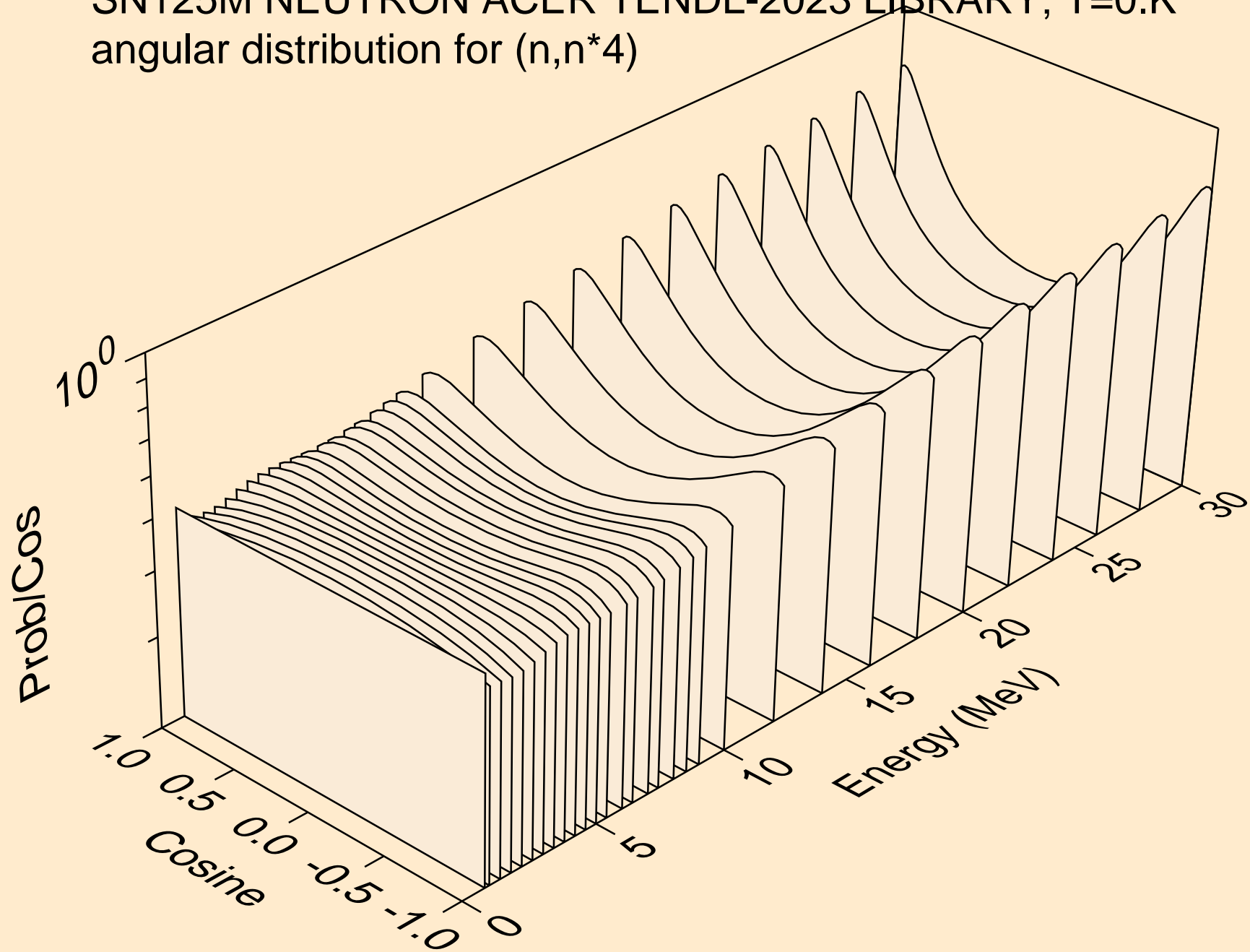
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angular distribution for (n,n\*2)



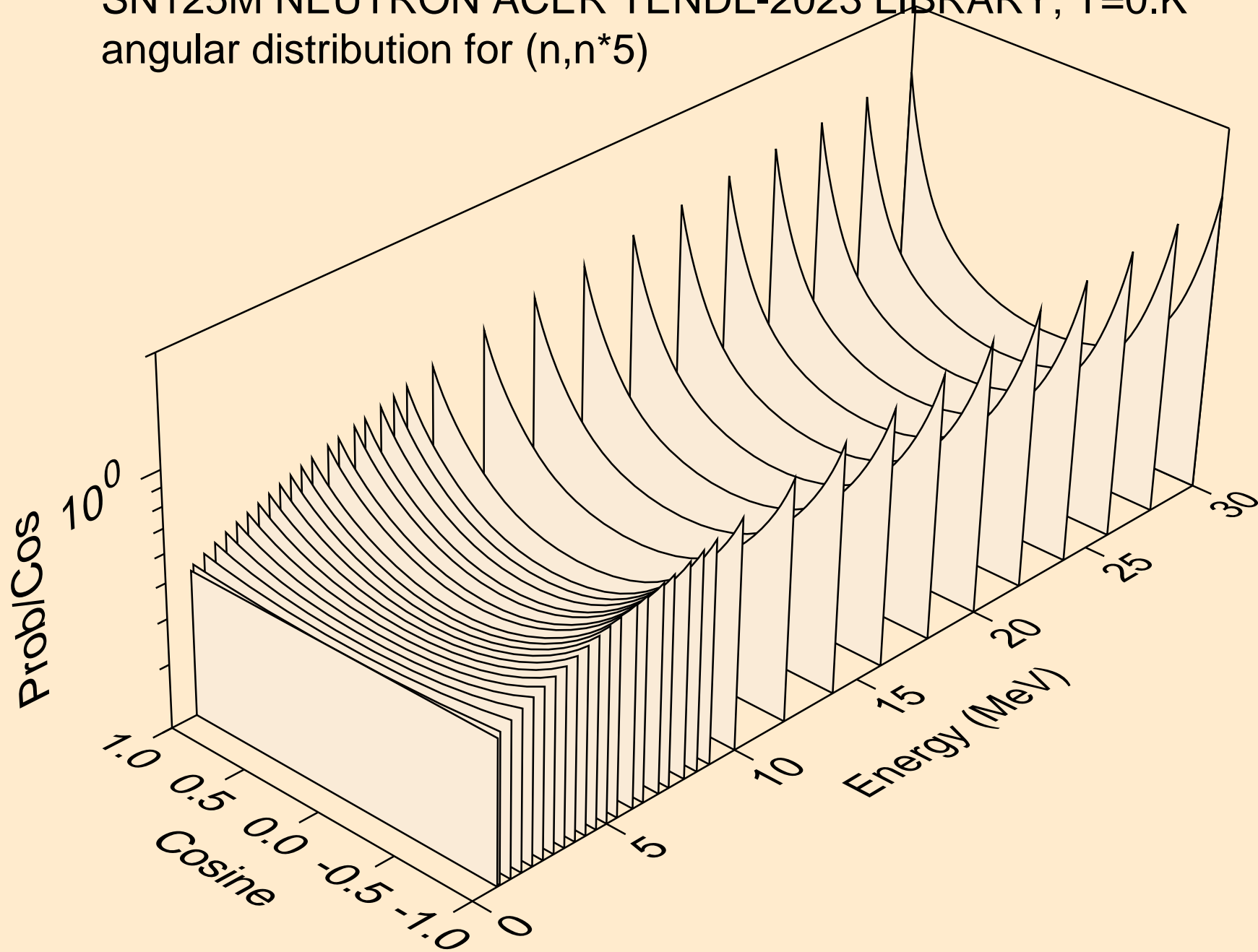
SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

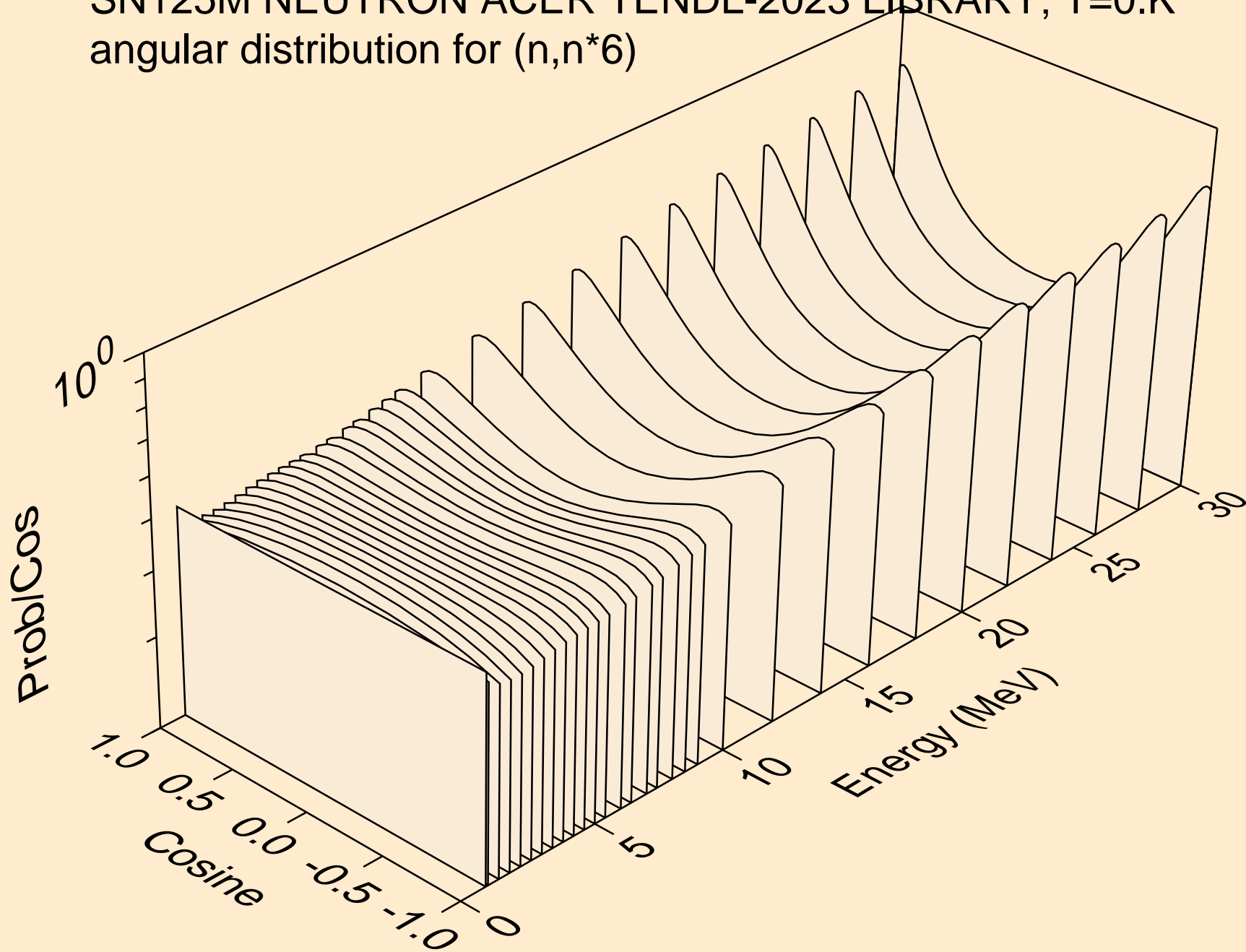


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angular distribution for (n,n\*5)

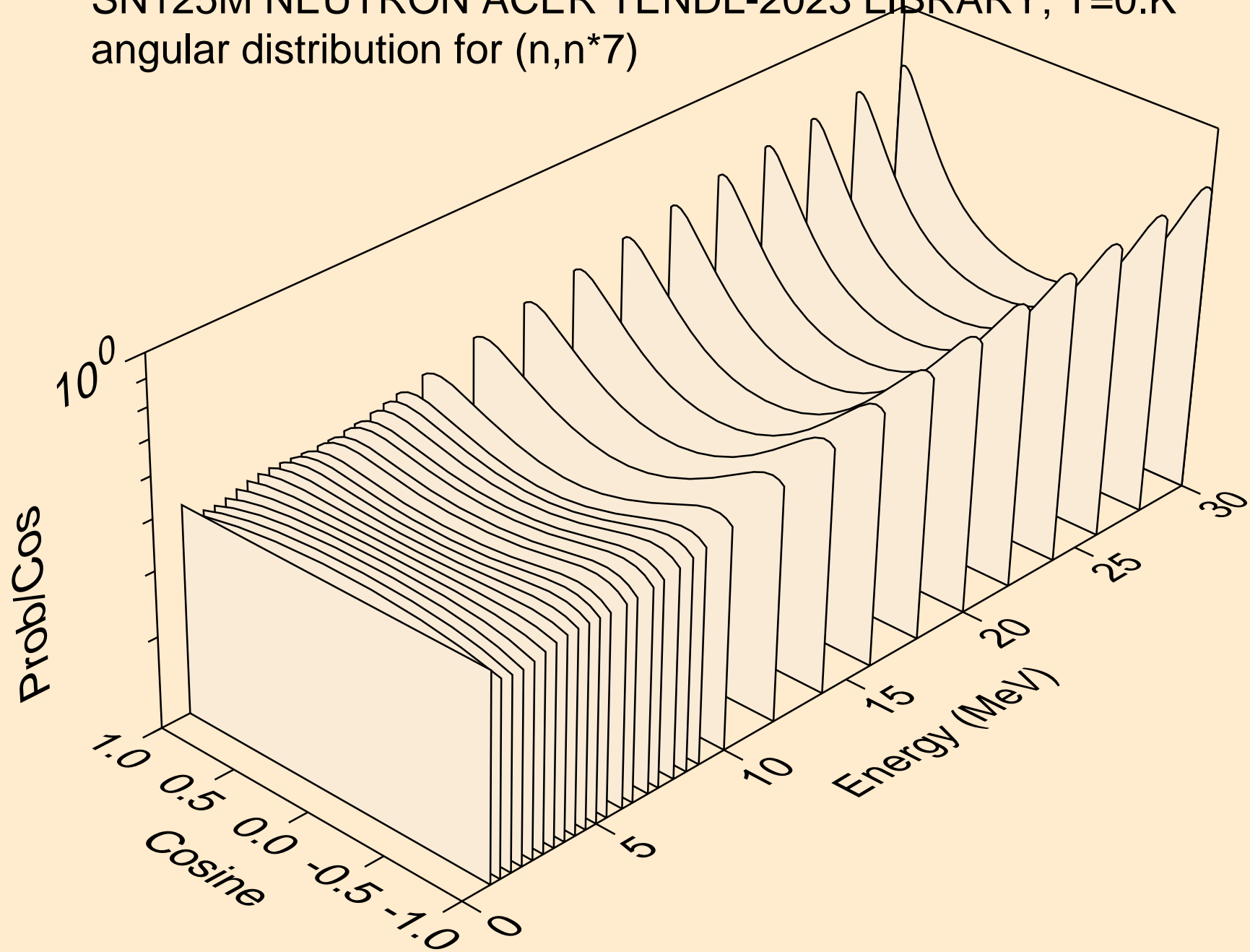




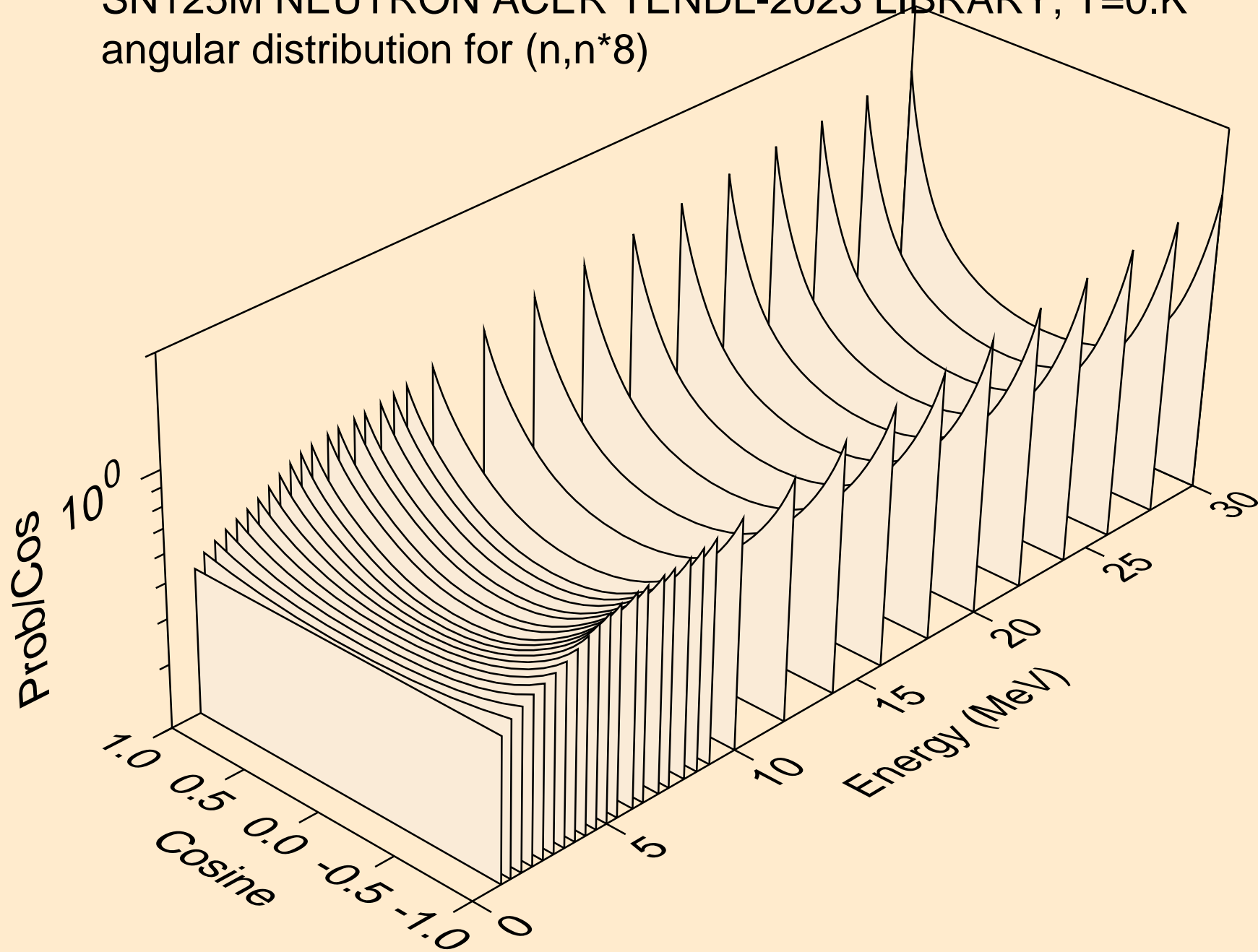
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angular distribution for (n,n\*6)



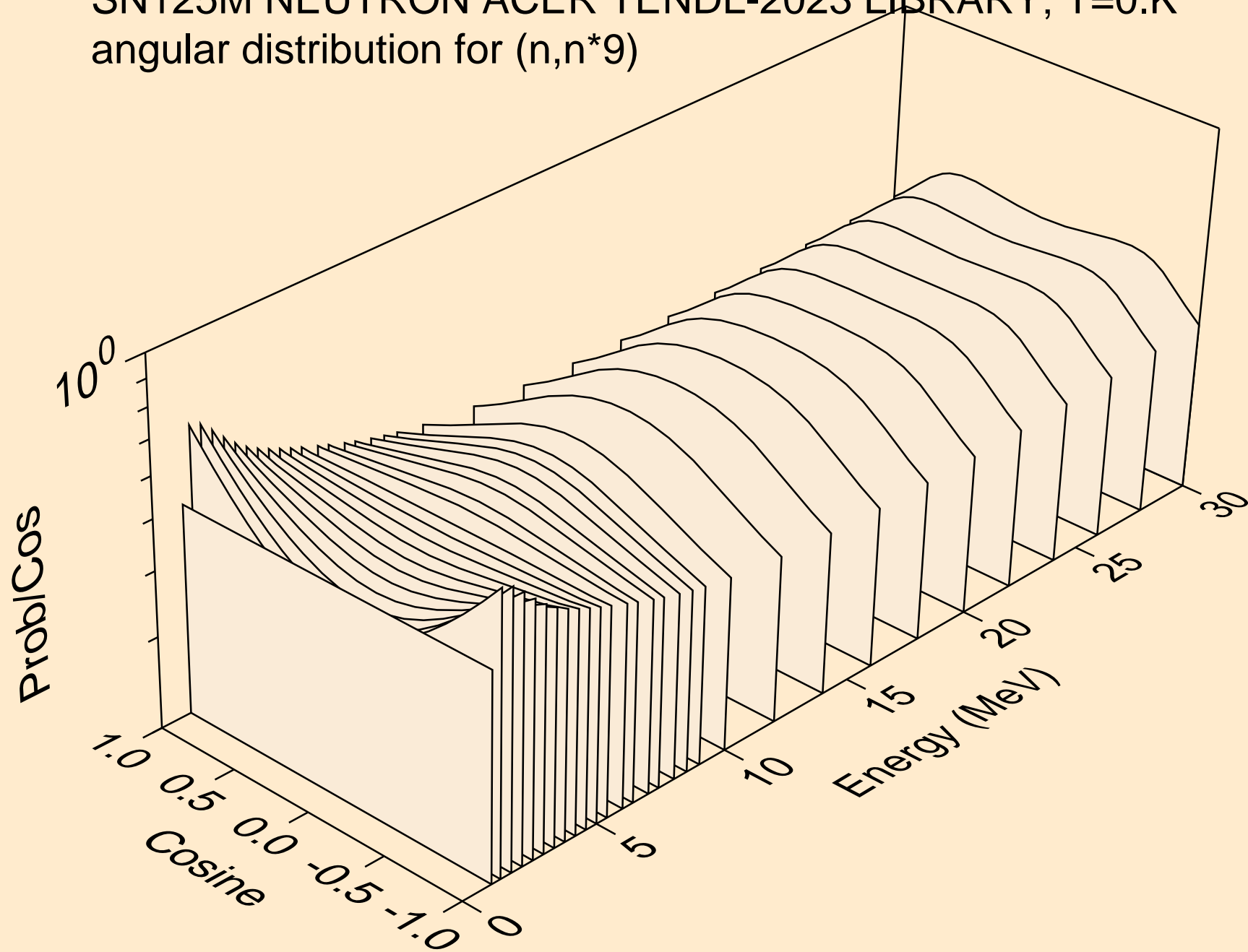
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angular distribution for (n,n\*7)



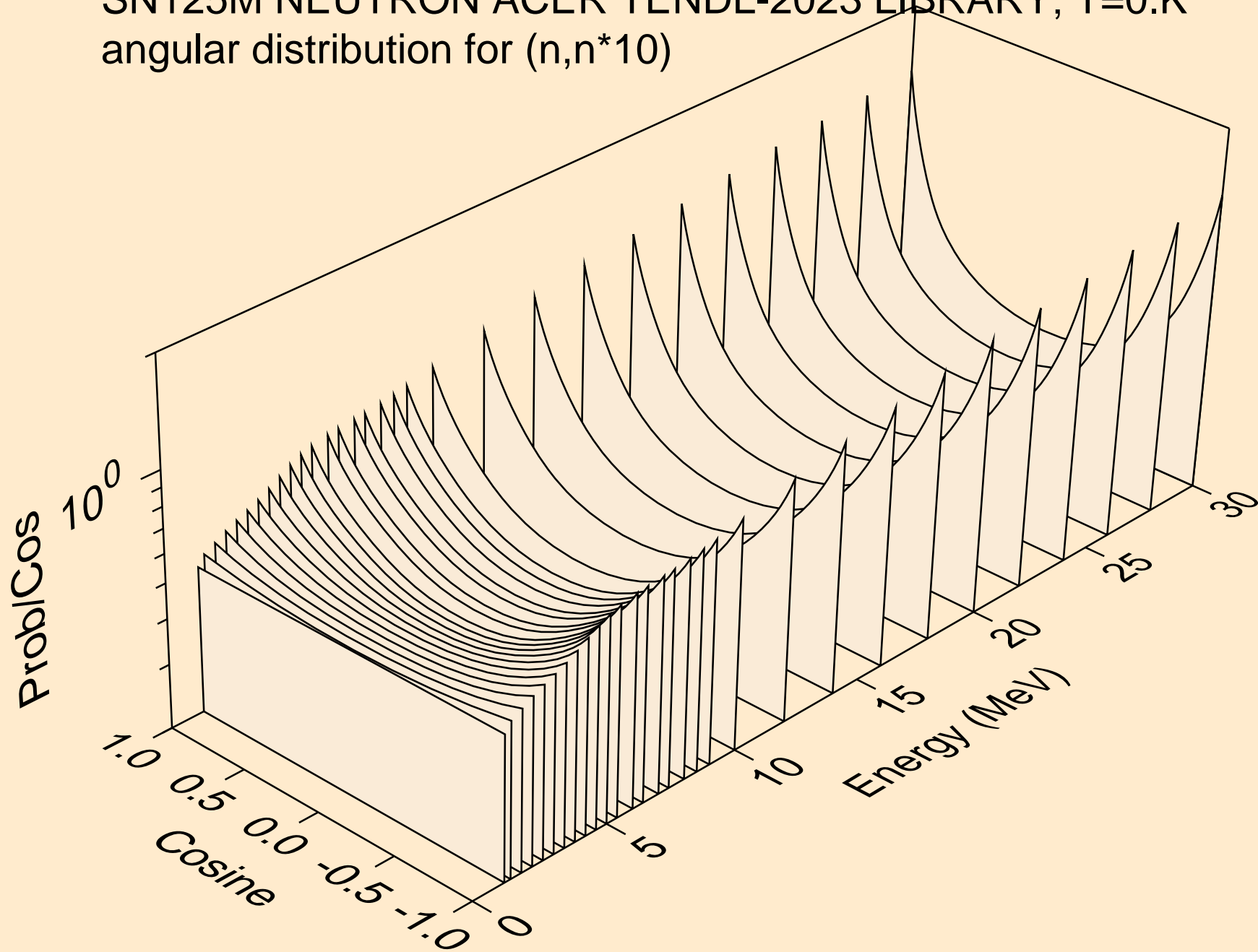
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angular distribution for (n,n\*8)



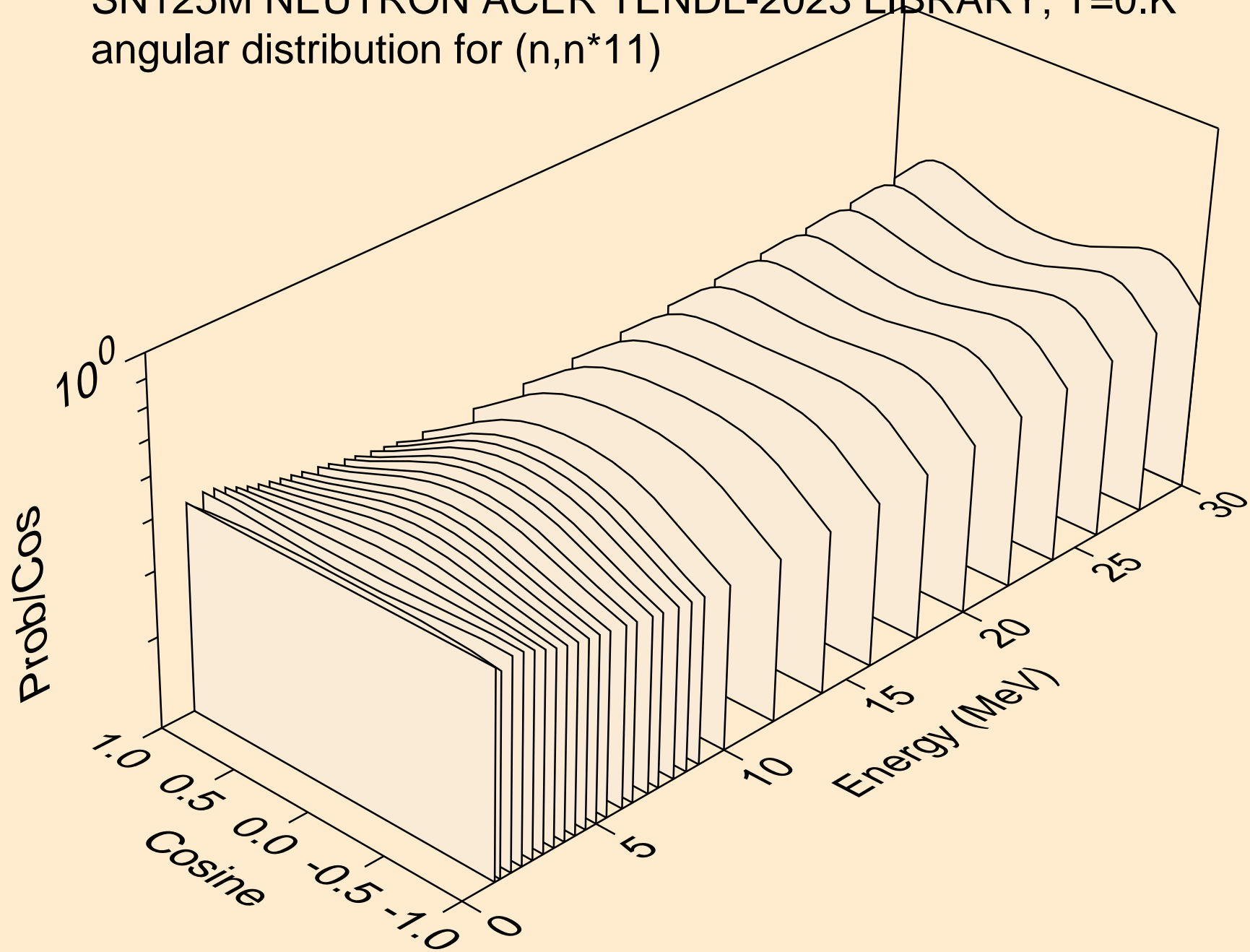
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angular distribution for (n,n\*9)



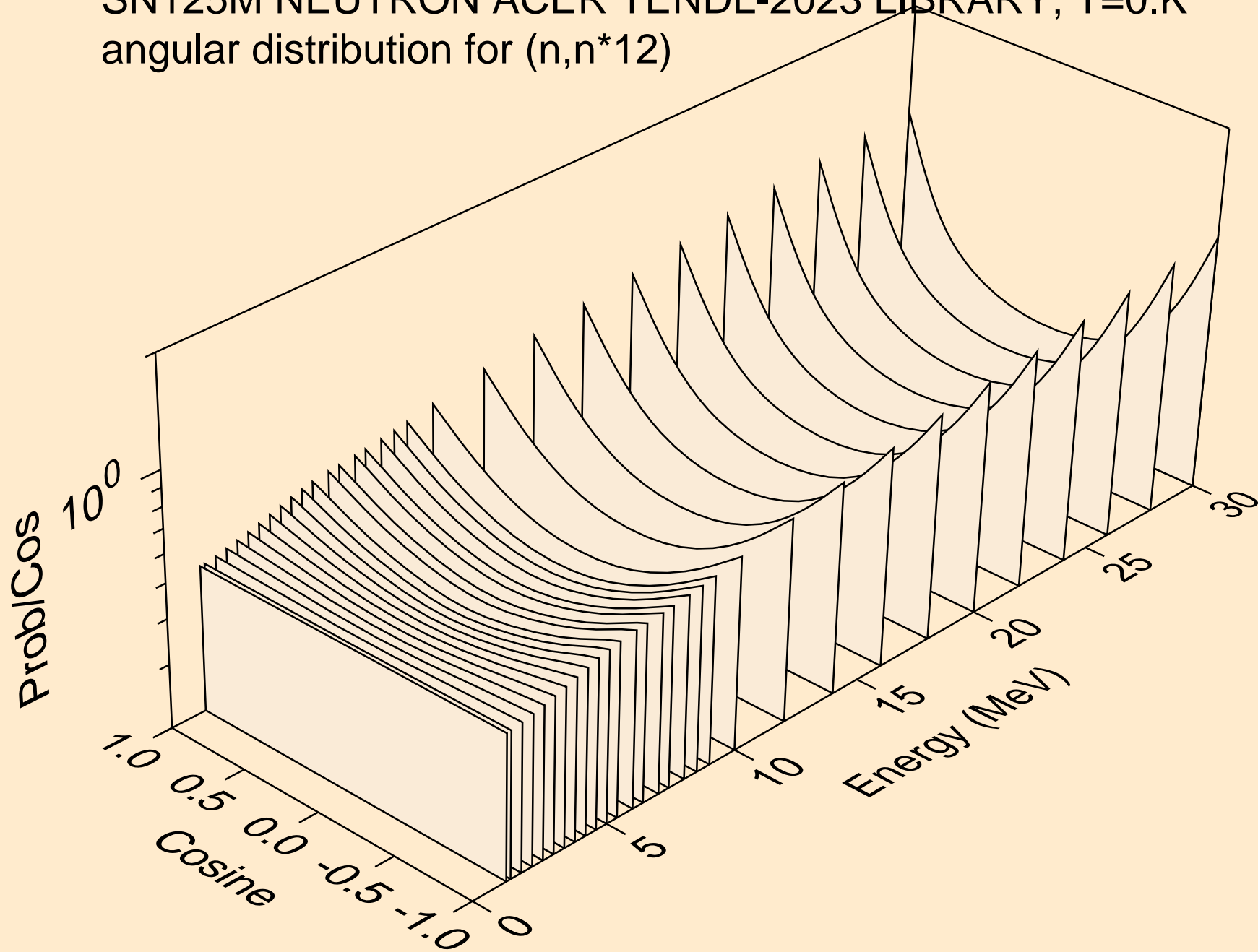
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angular distribution for (n,n\*10)



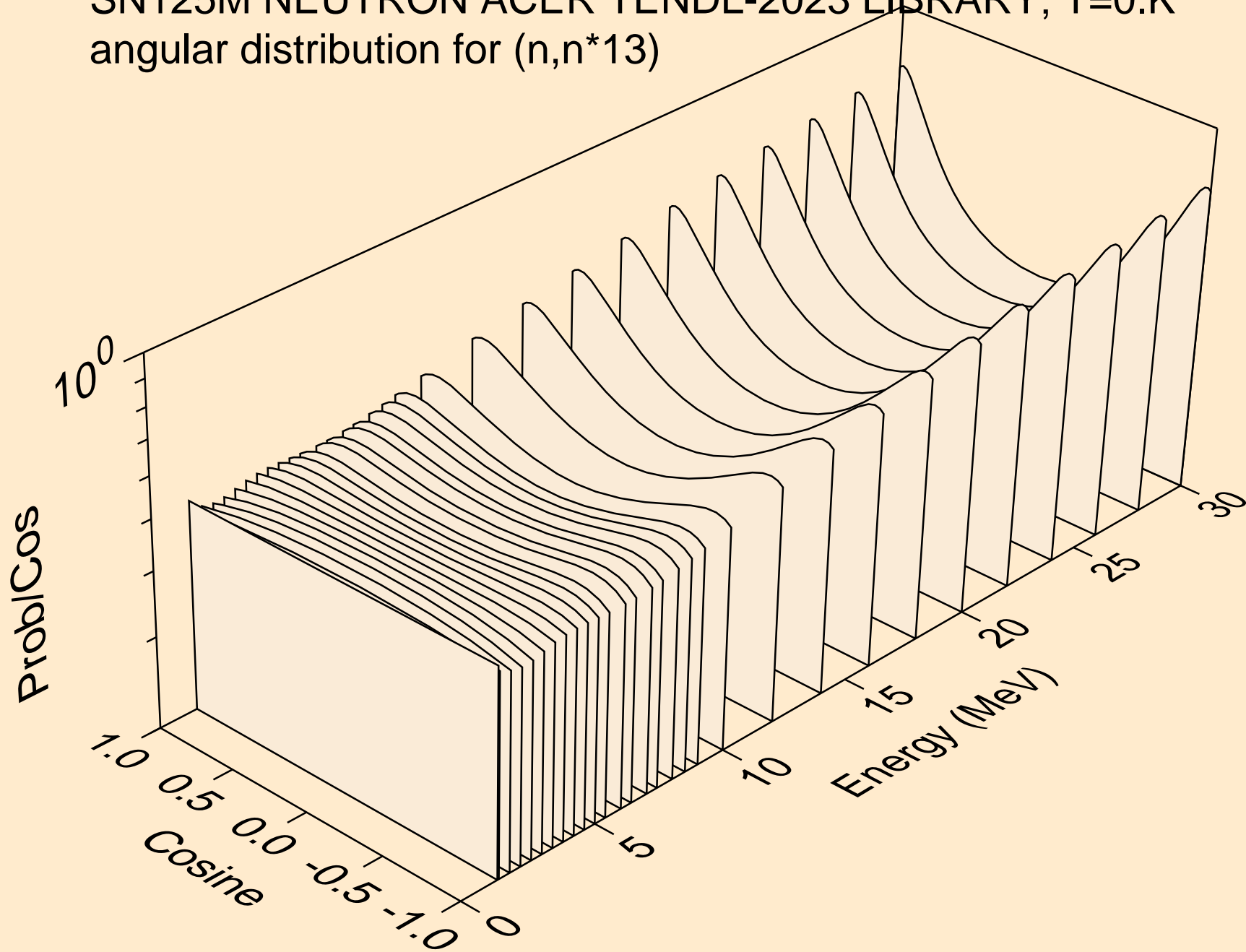
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angular distribution for (n,n\*11)



SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

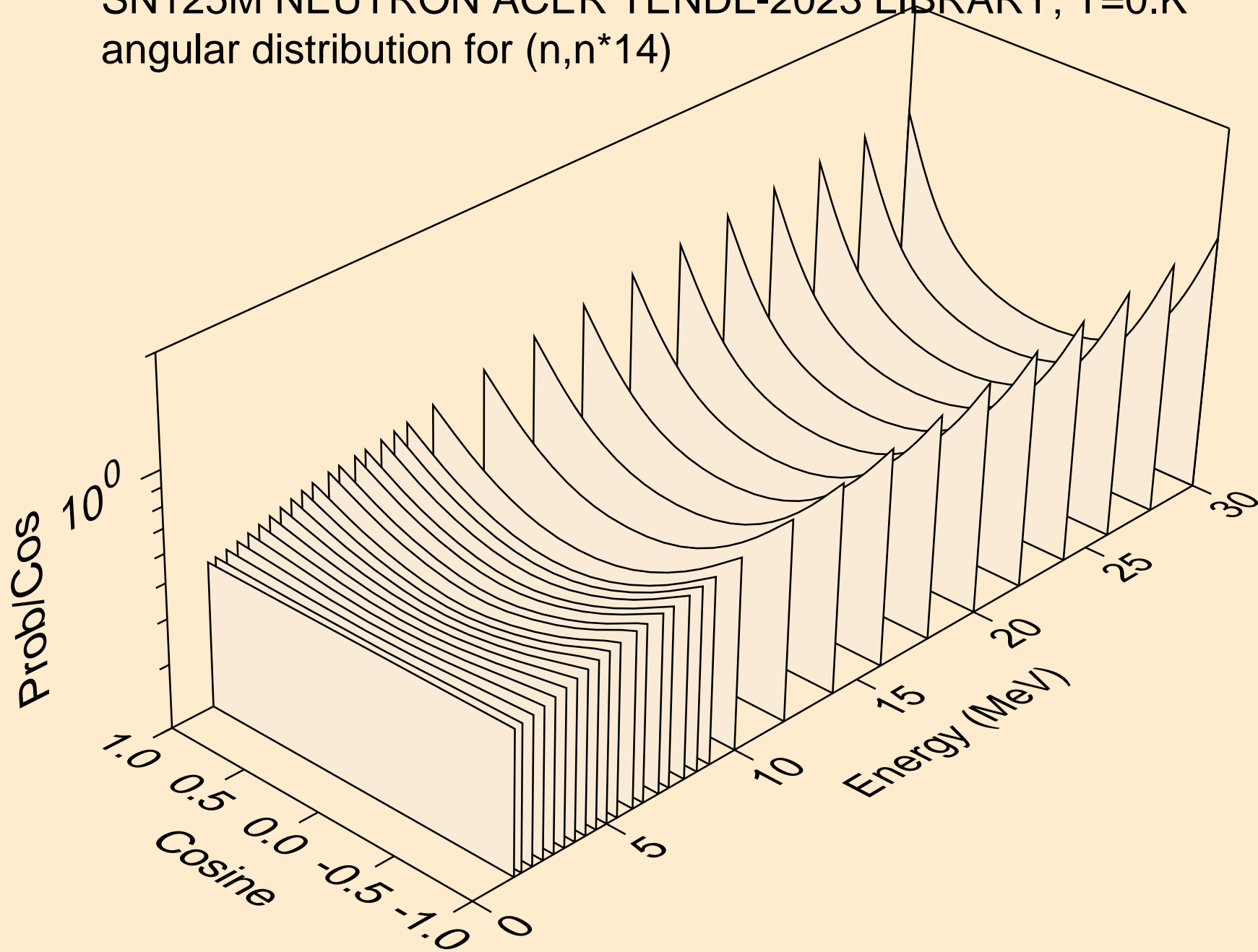


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angular distribution for (n,n\*13)

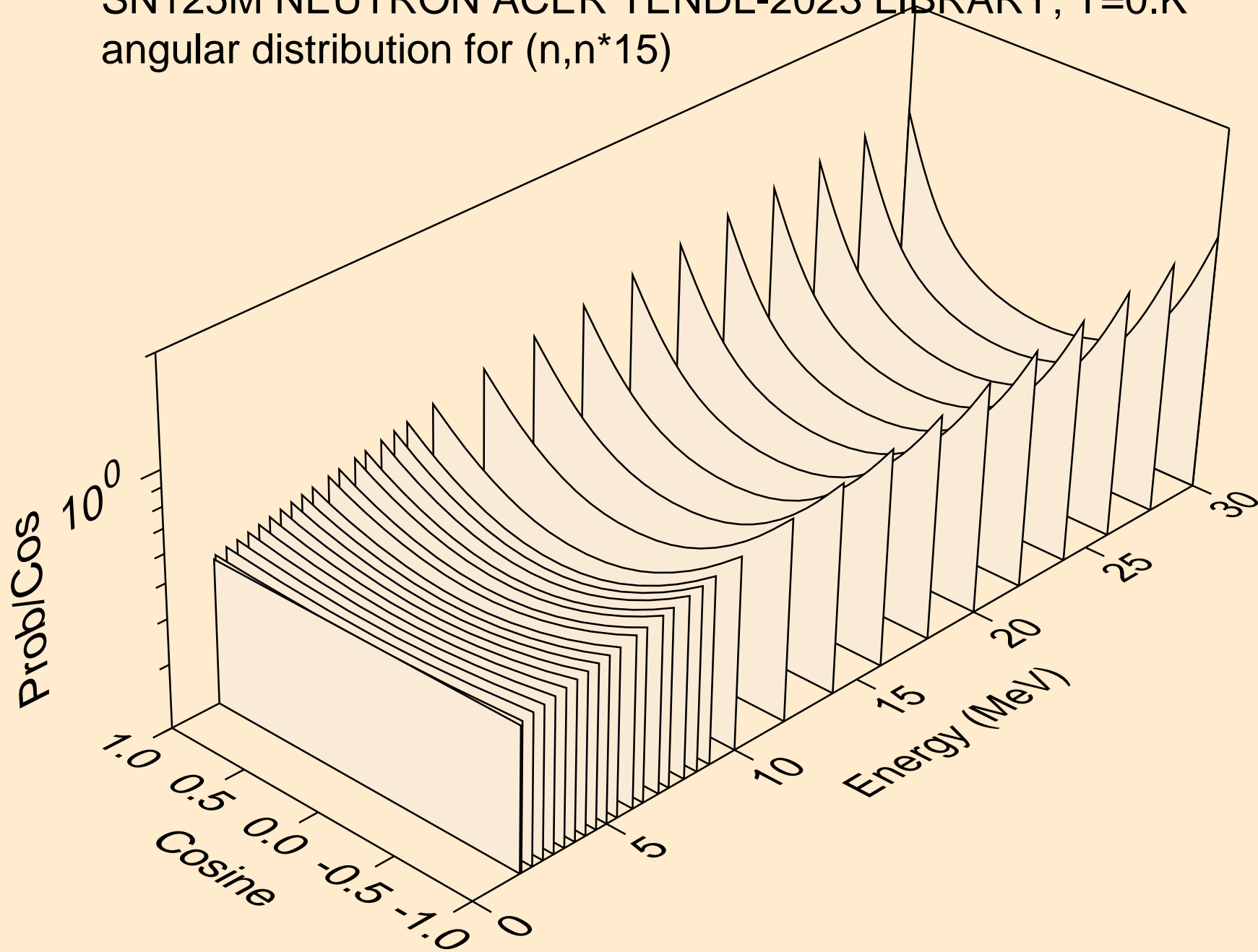




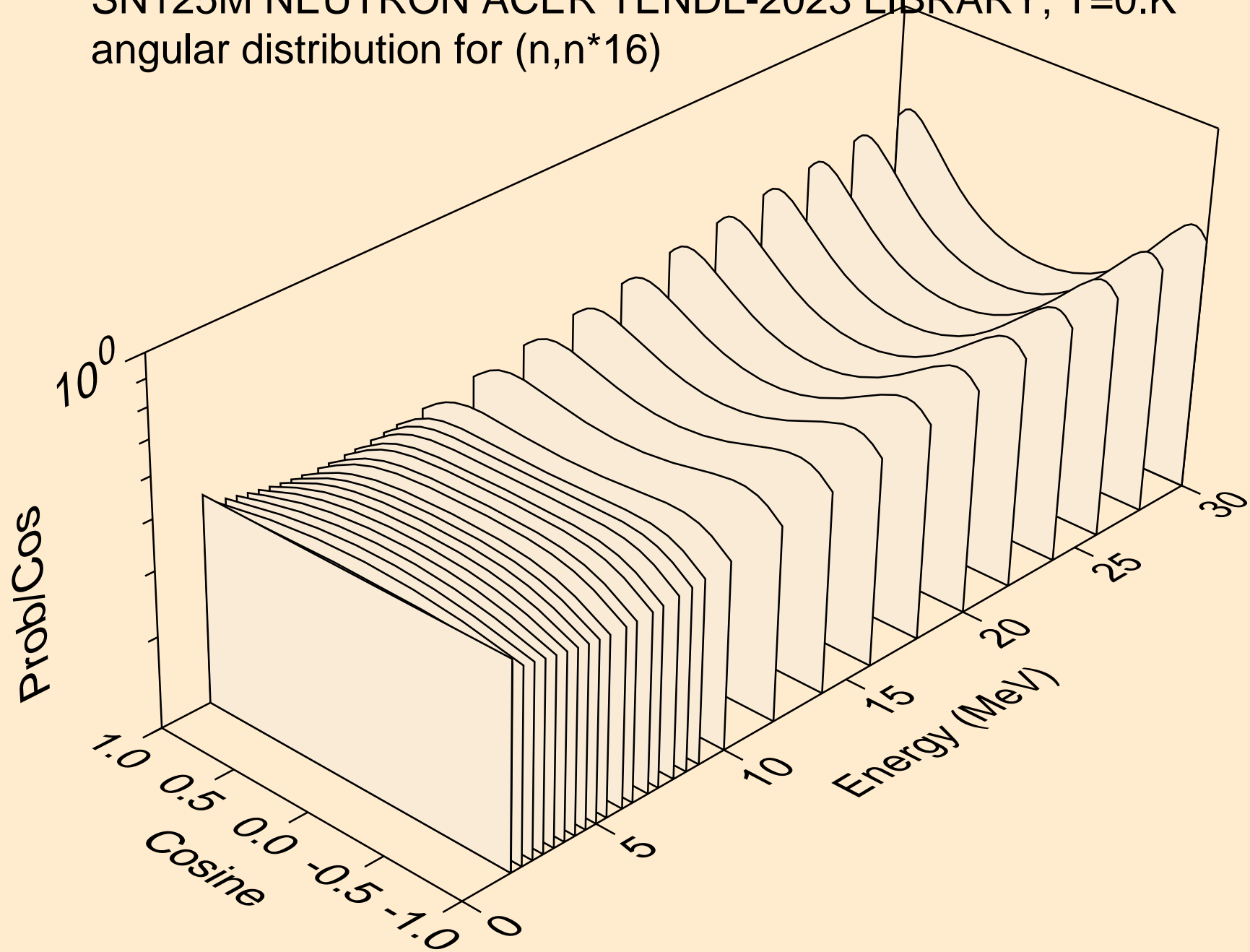
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angular distribution for (n,n\*14)



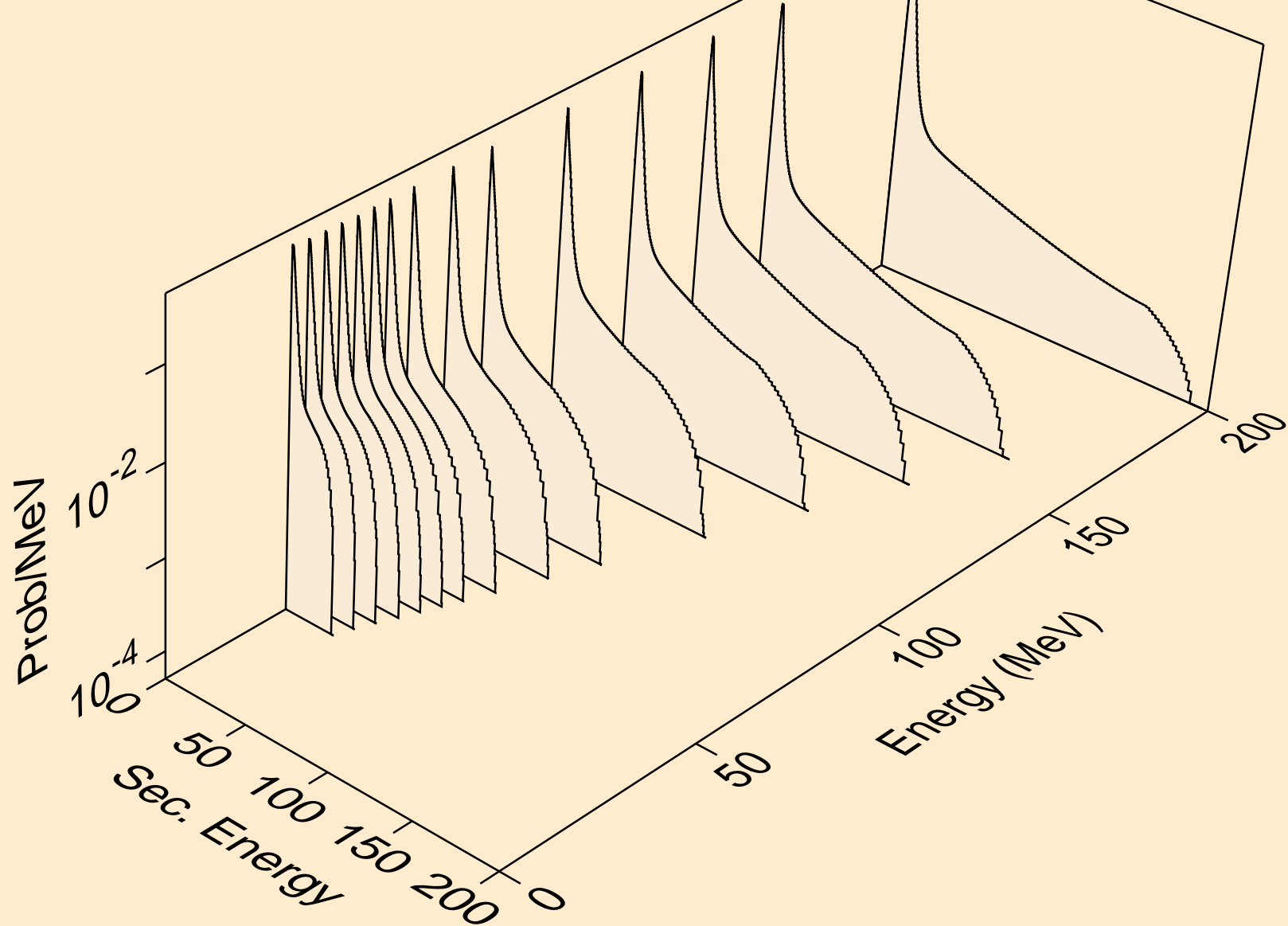
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angular distribution for (n,n\*15)



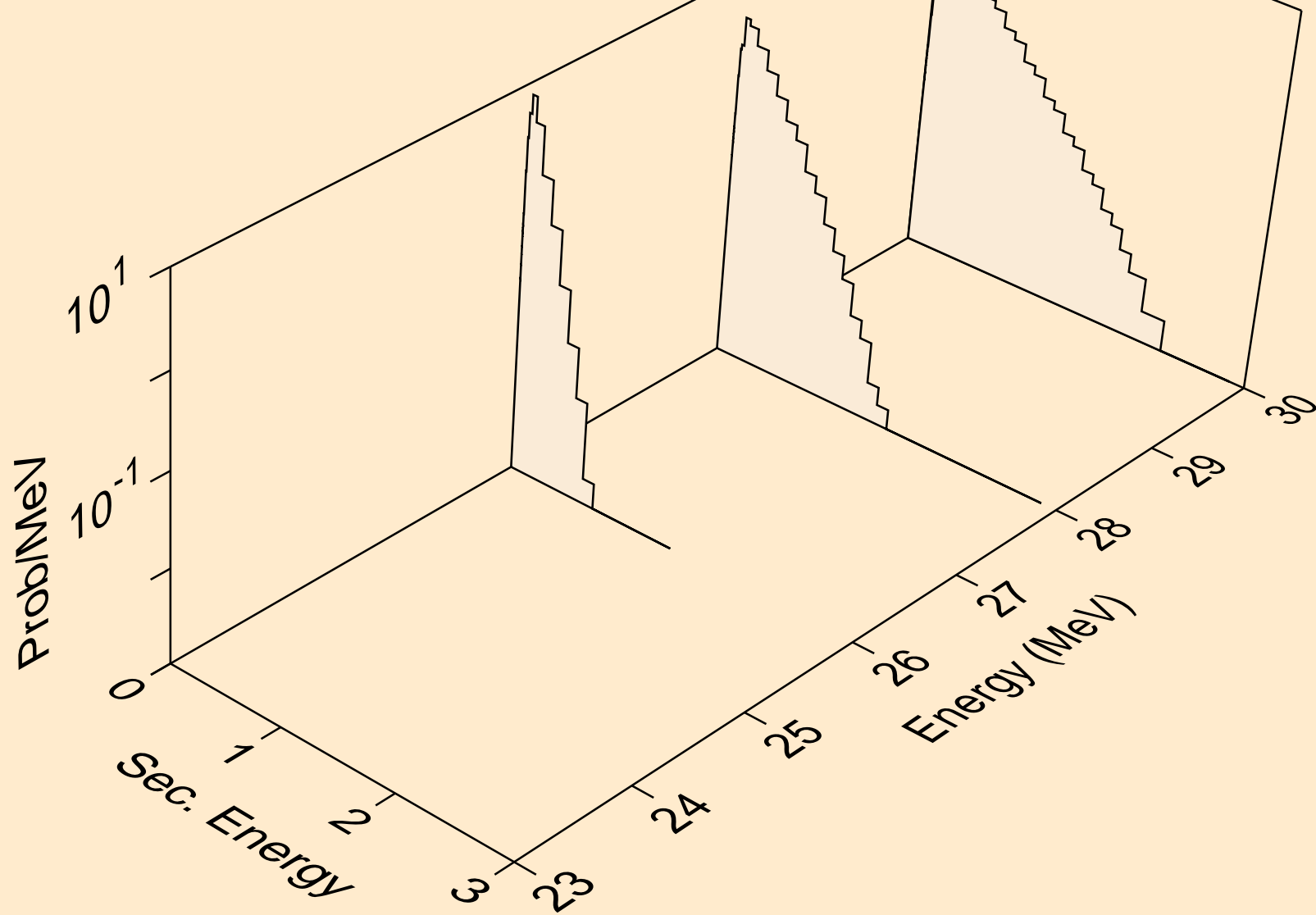
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angular distribution for (n,n\*16)



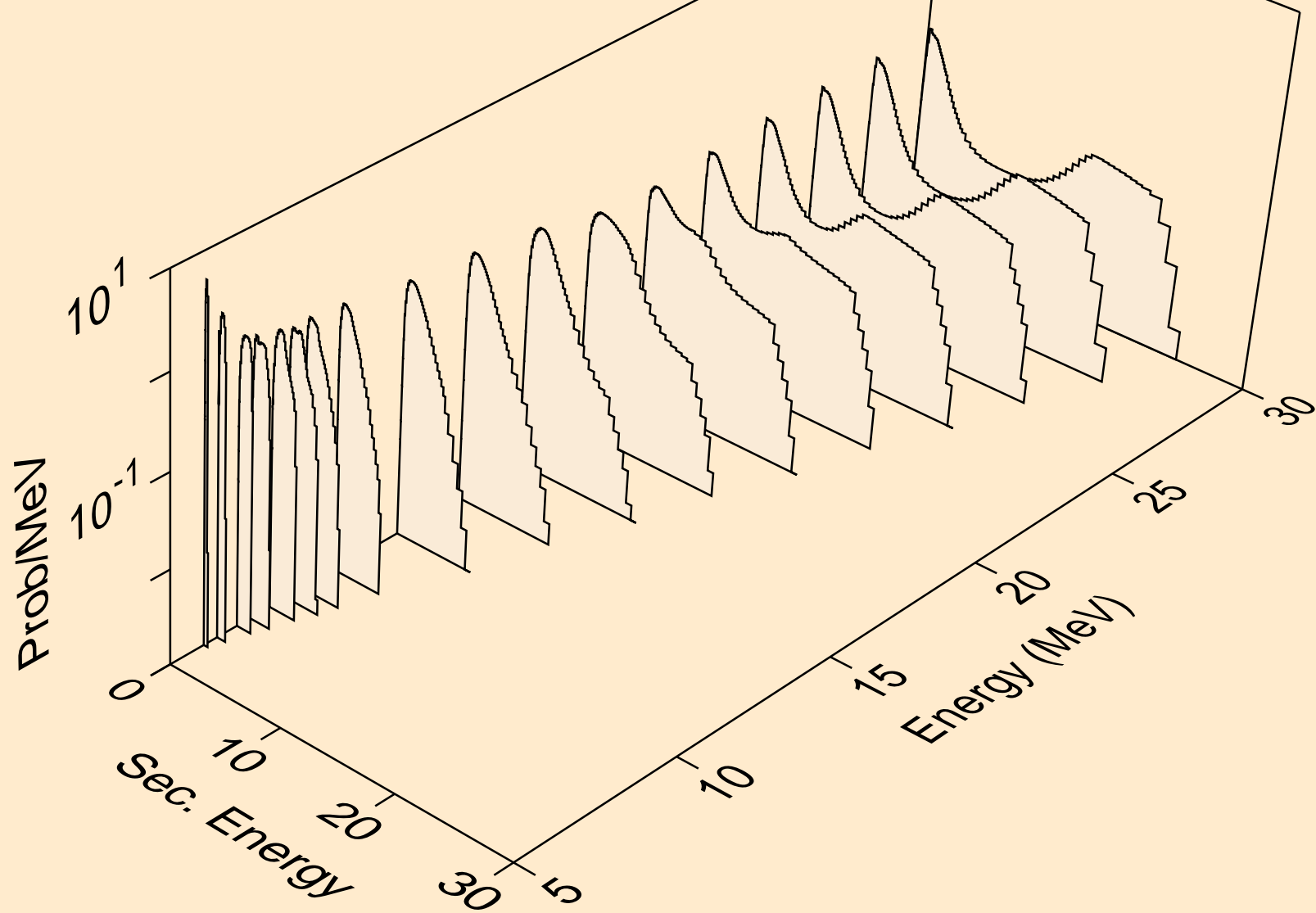
SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



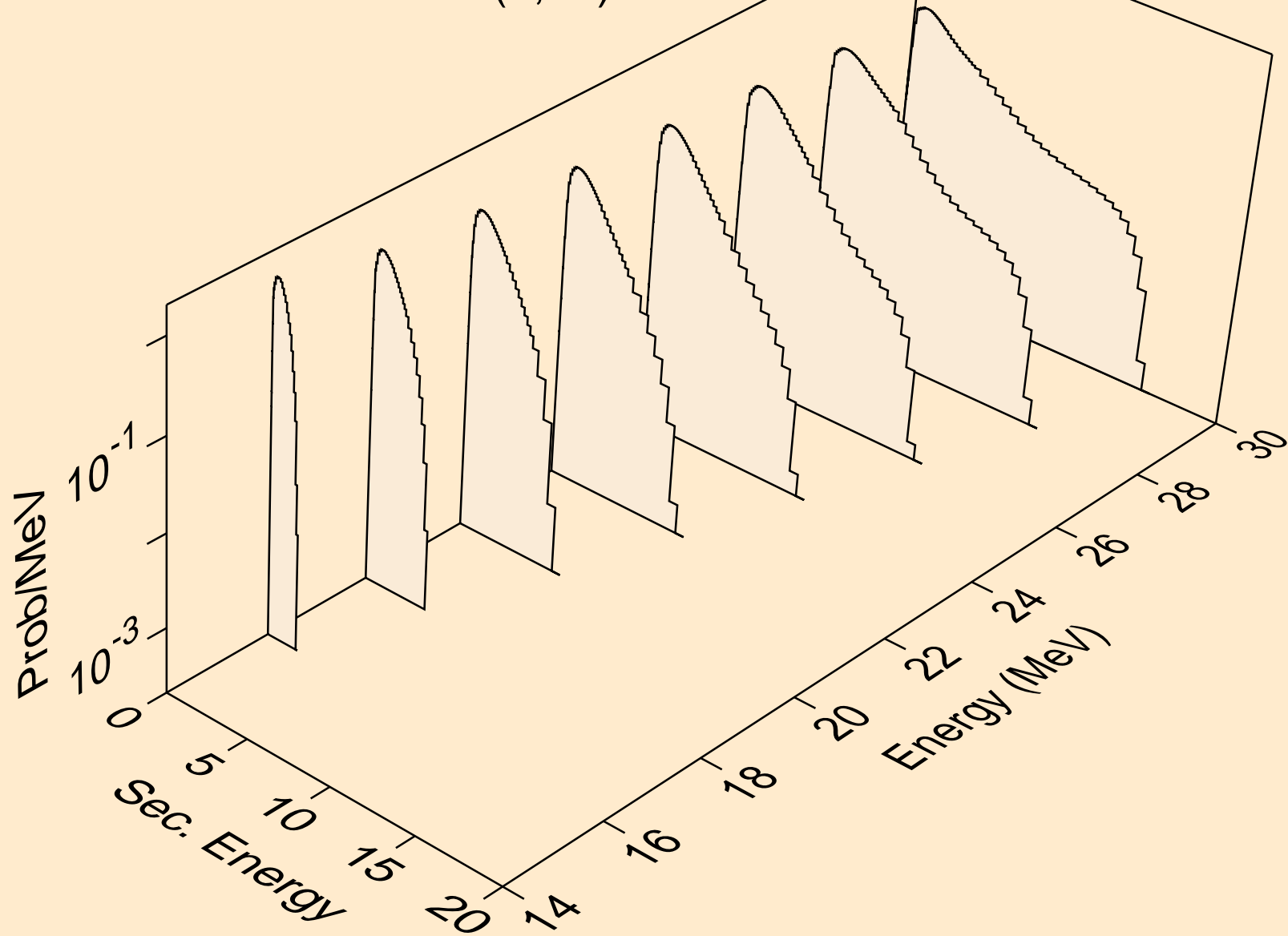
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Neutron emission for (n,2nd)



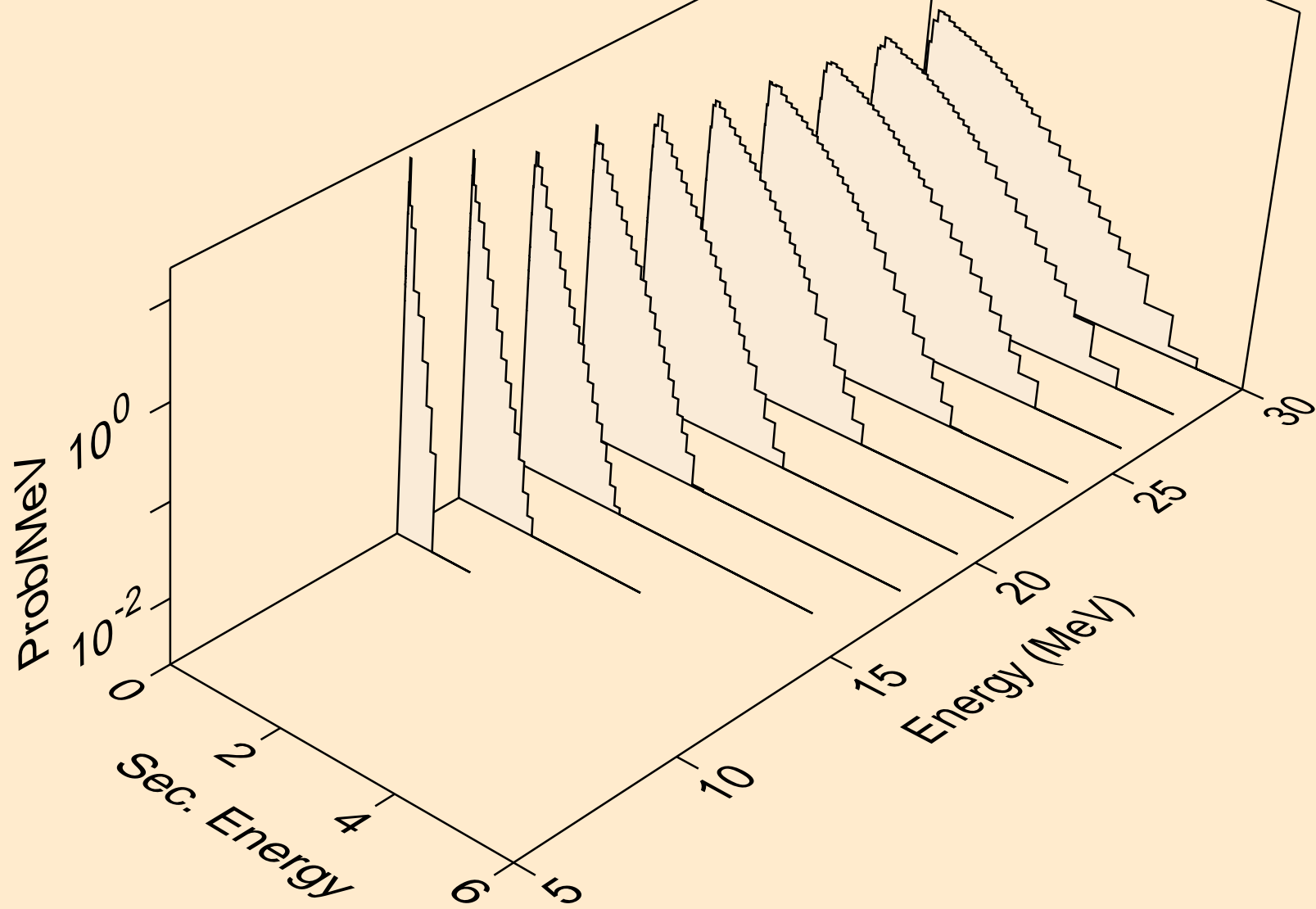
SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

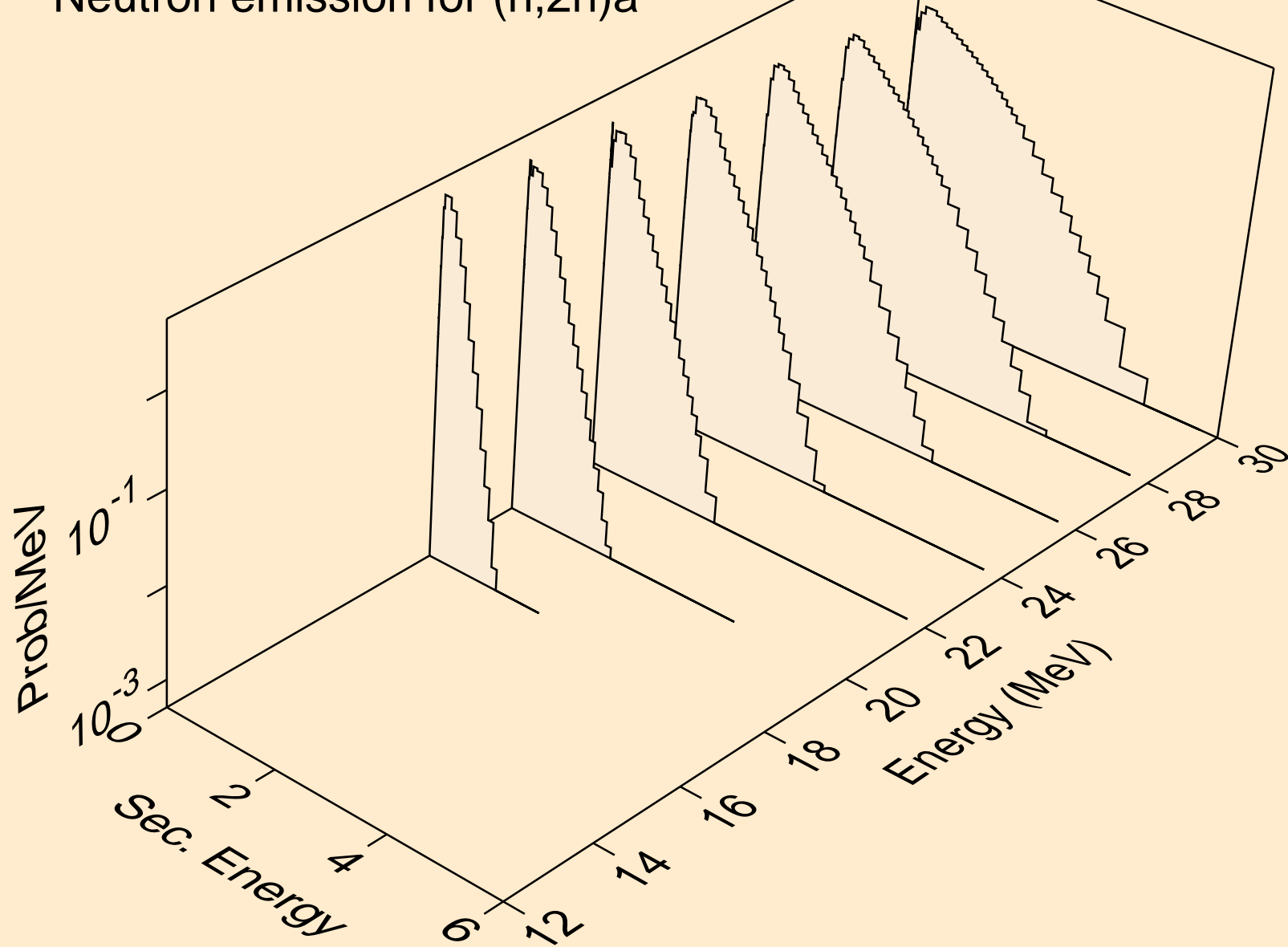


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Neutron emission for (n,n\*)a

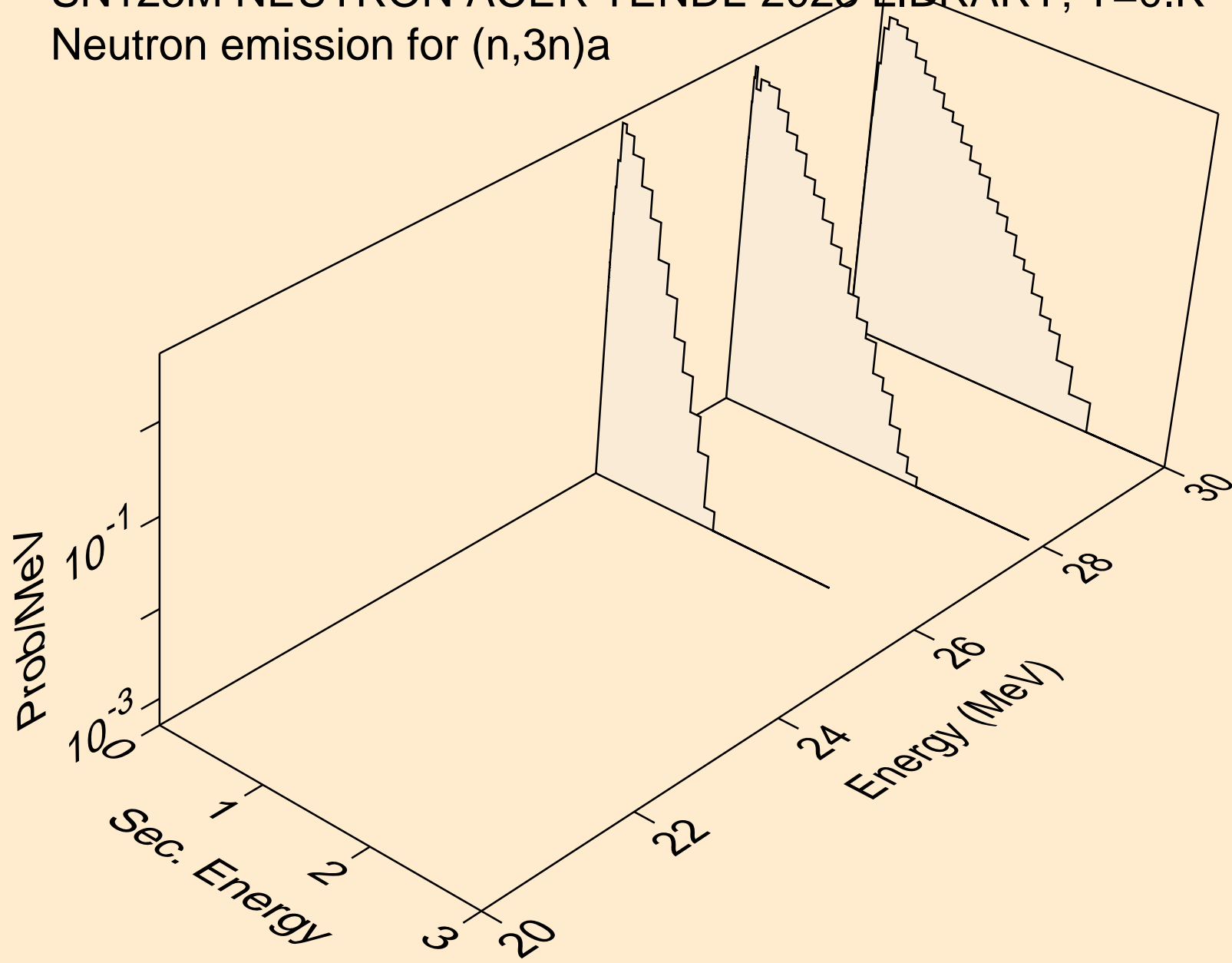




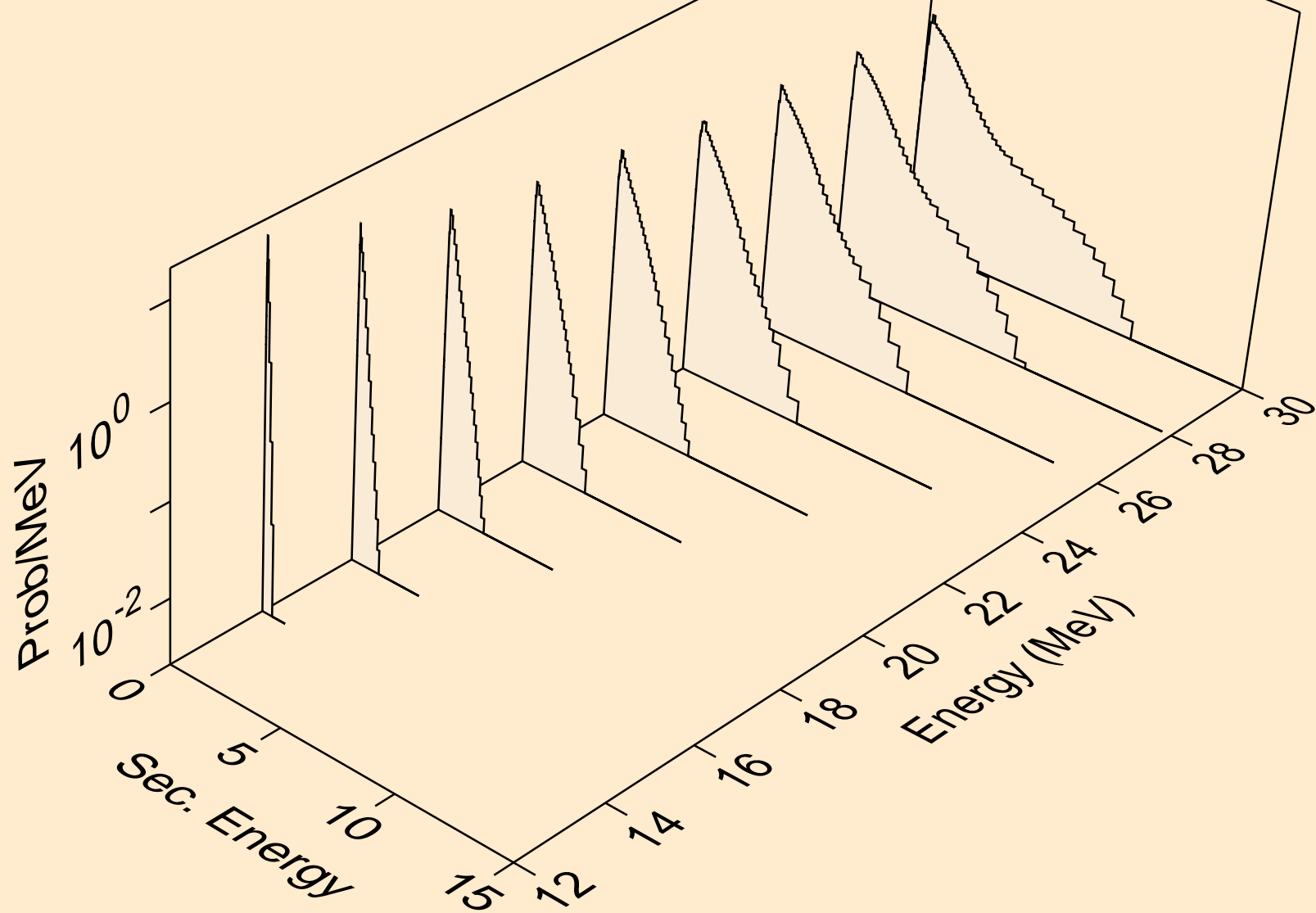
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Neutron emission for (n,2n)a



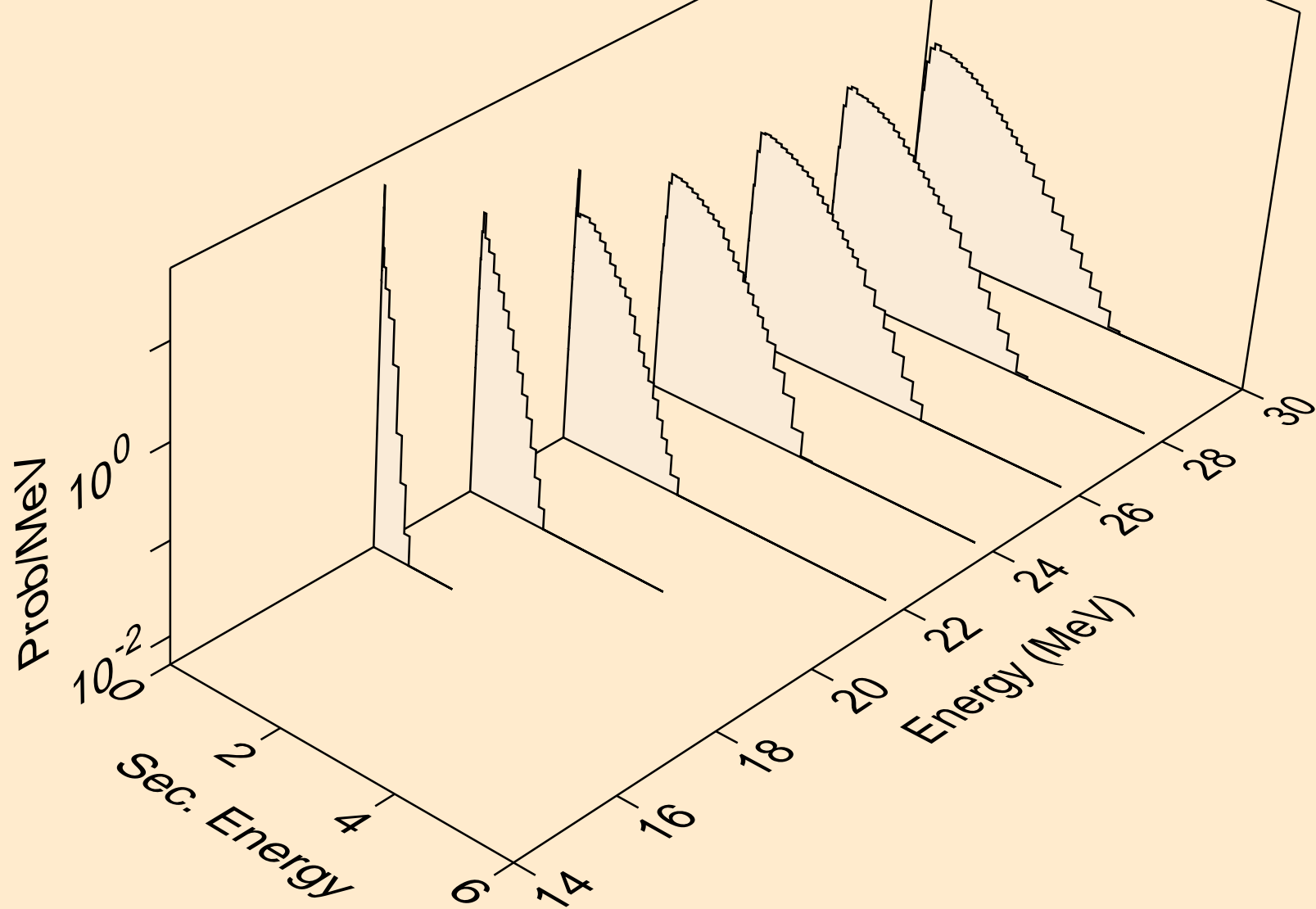
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Neutron emission for (n,3n)a



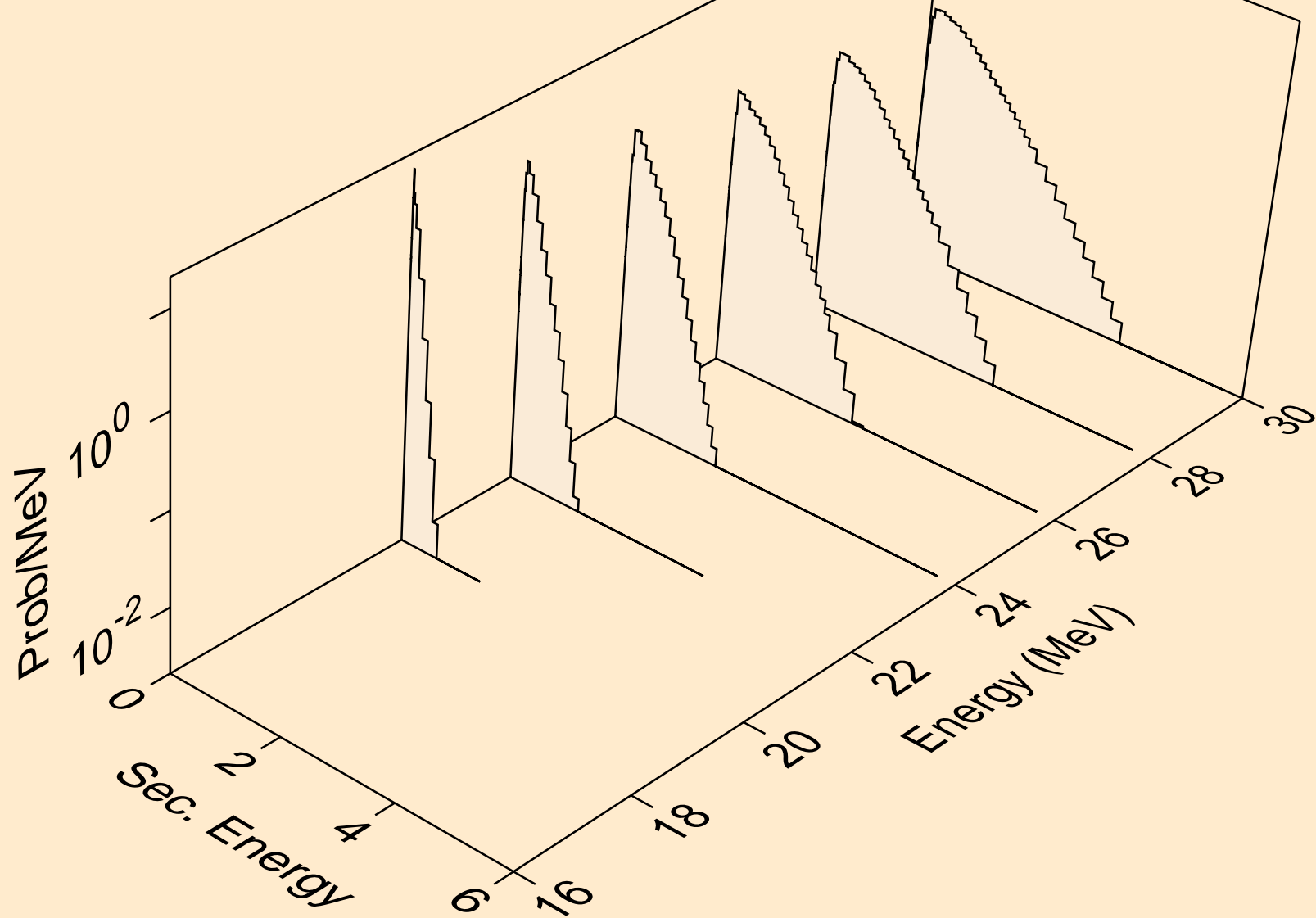
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Neutron emission for (n,n\*)p



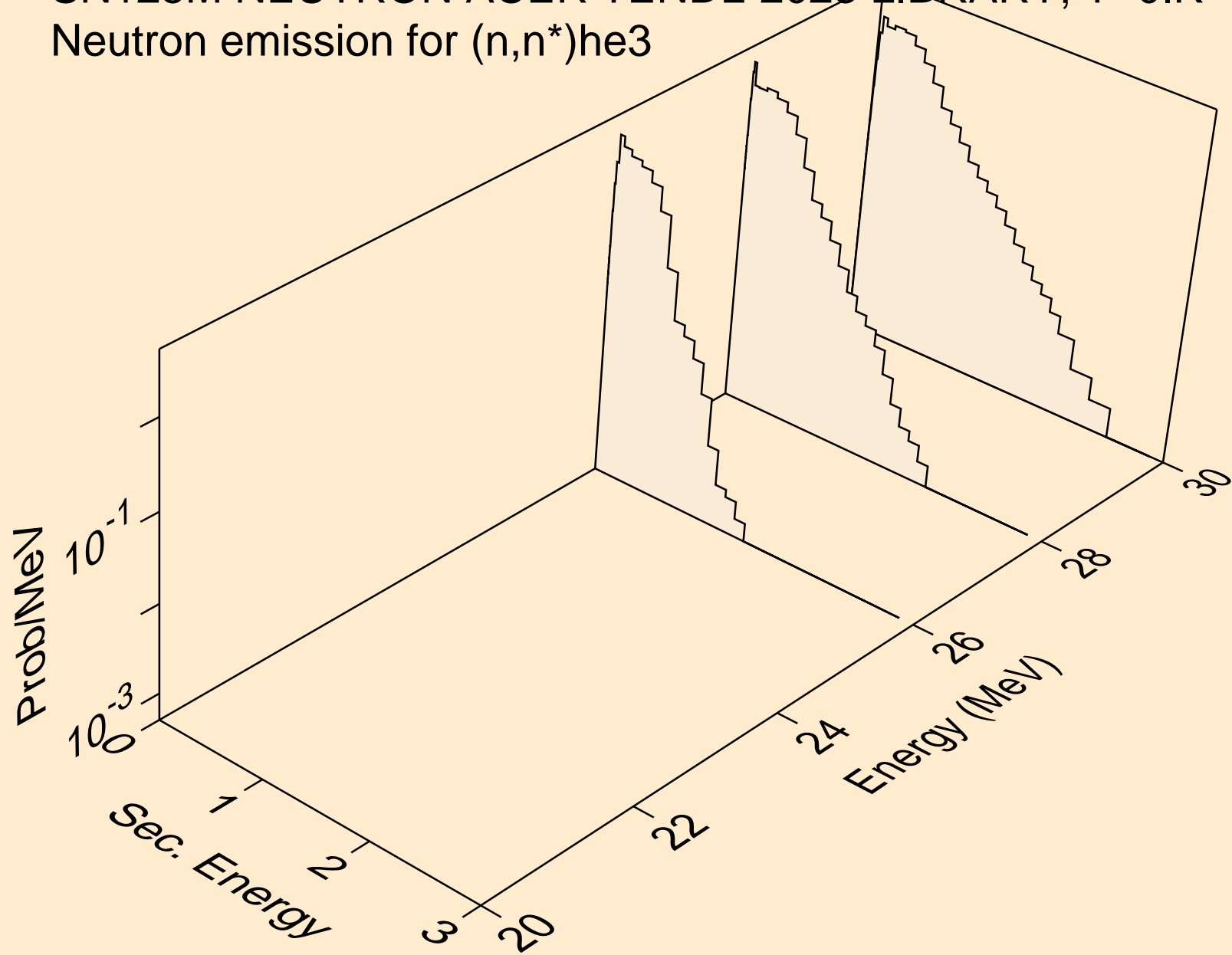
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Neutron emission for (n,n\*)d



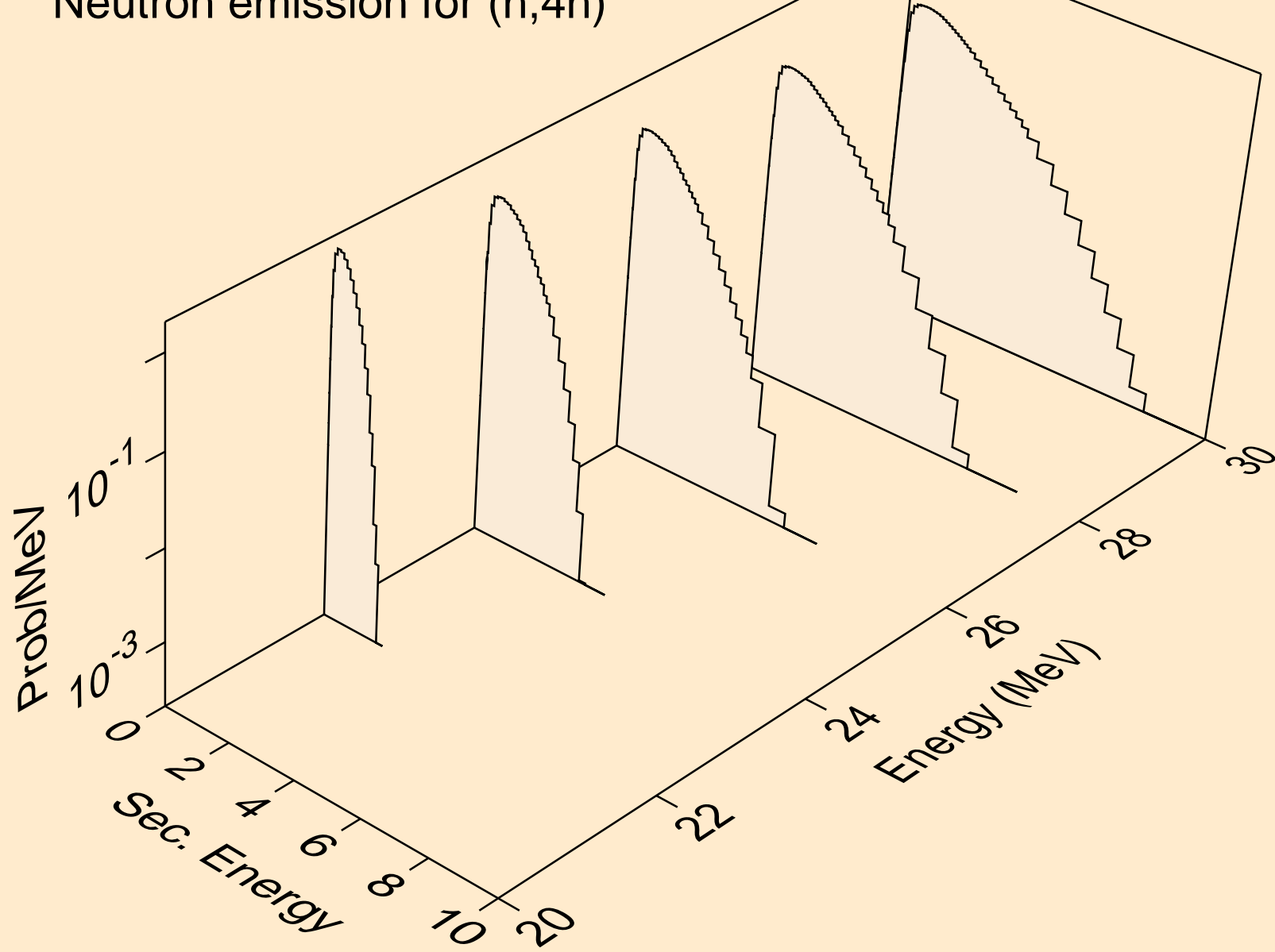
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Neutron emission for (n,n\*)t



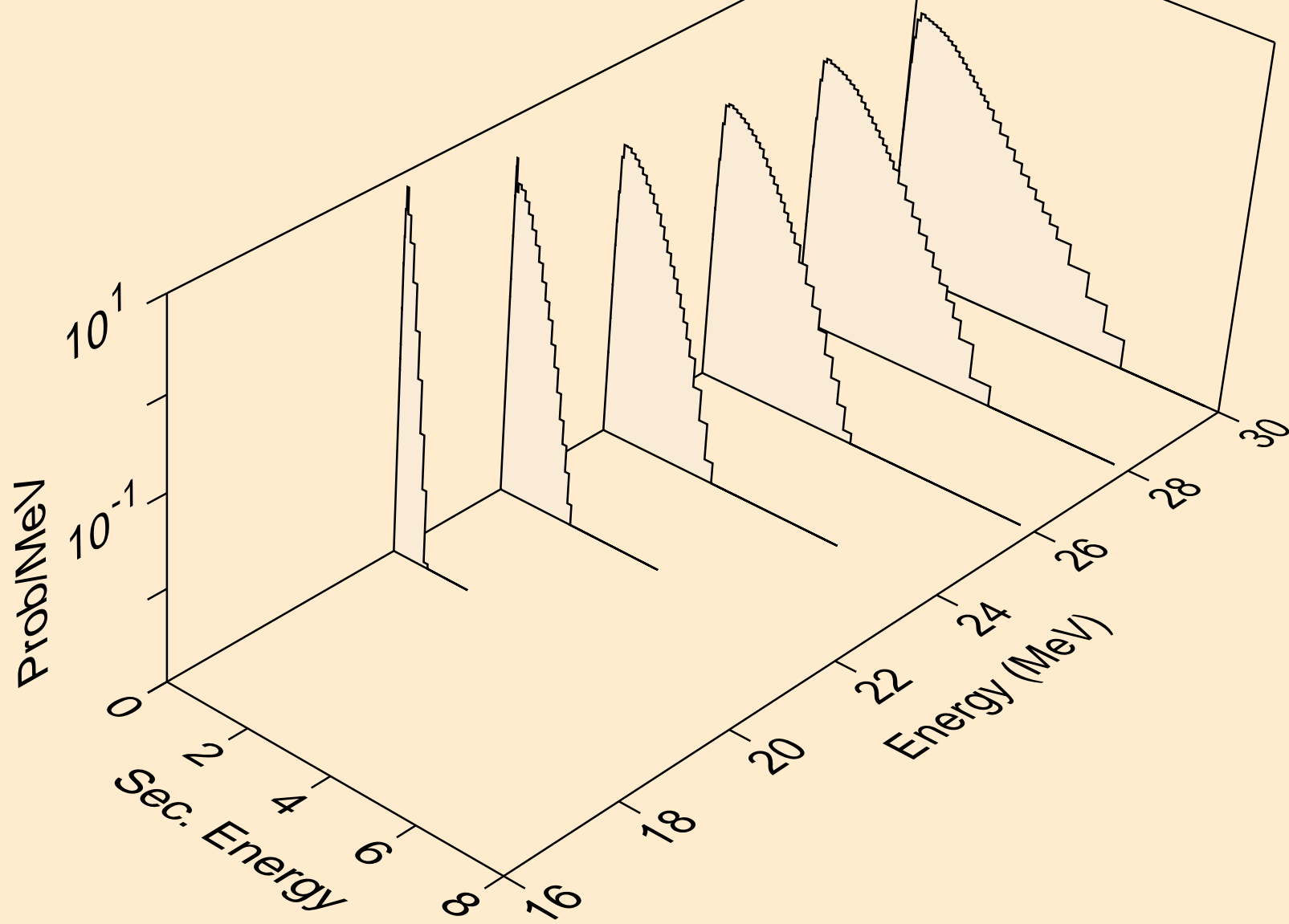
SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)

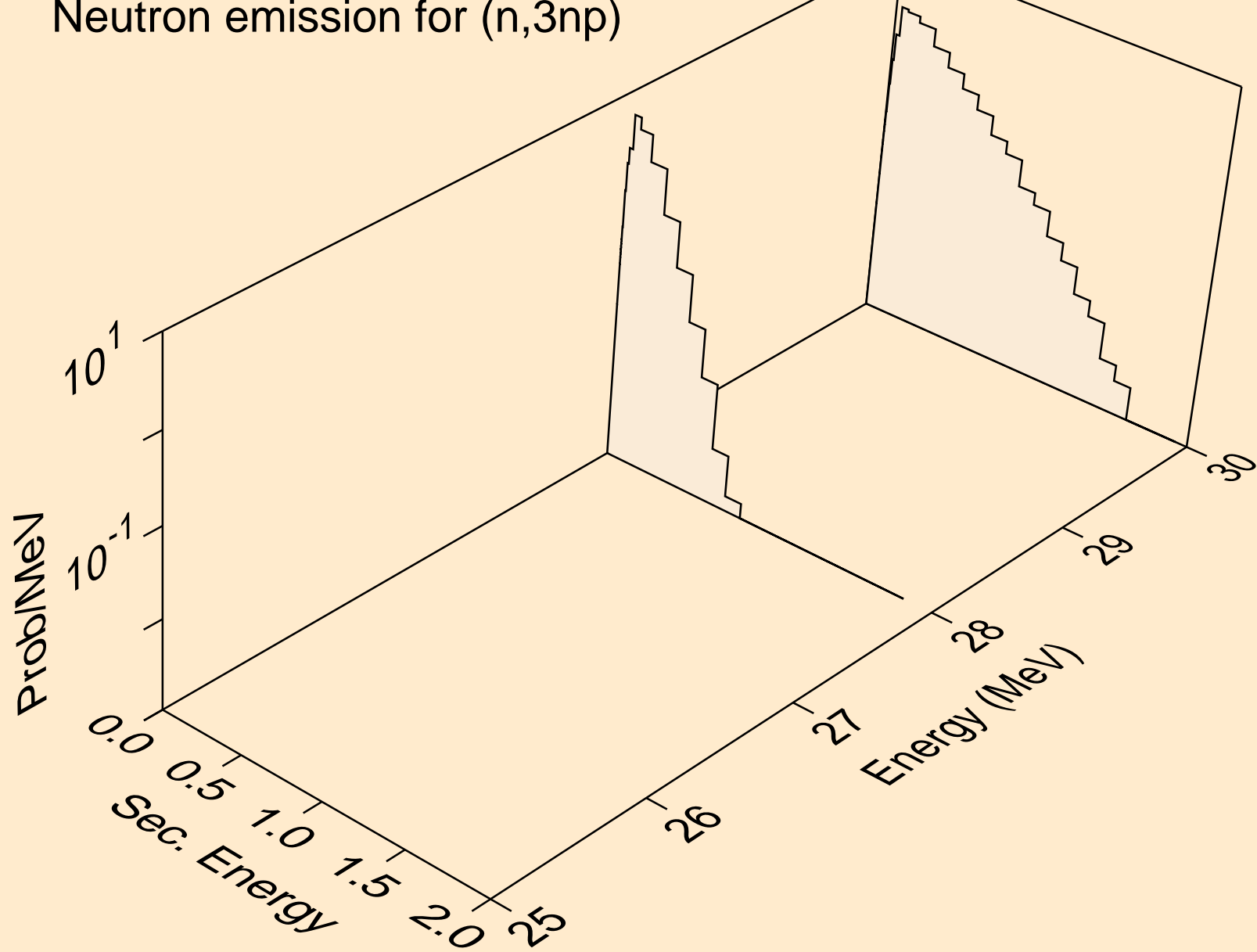


SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

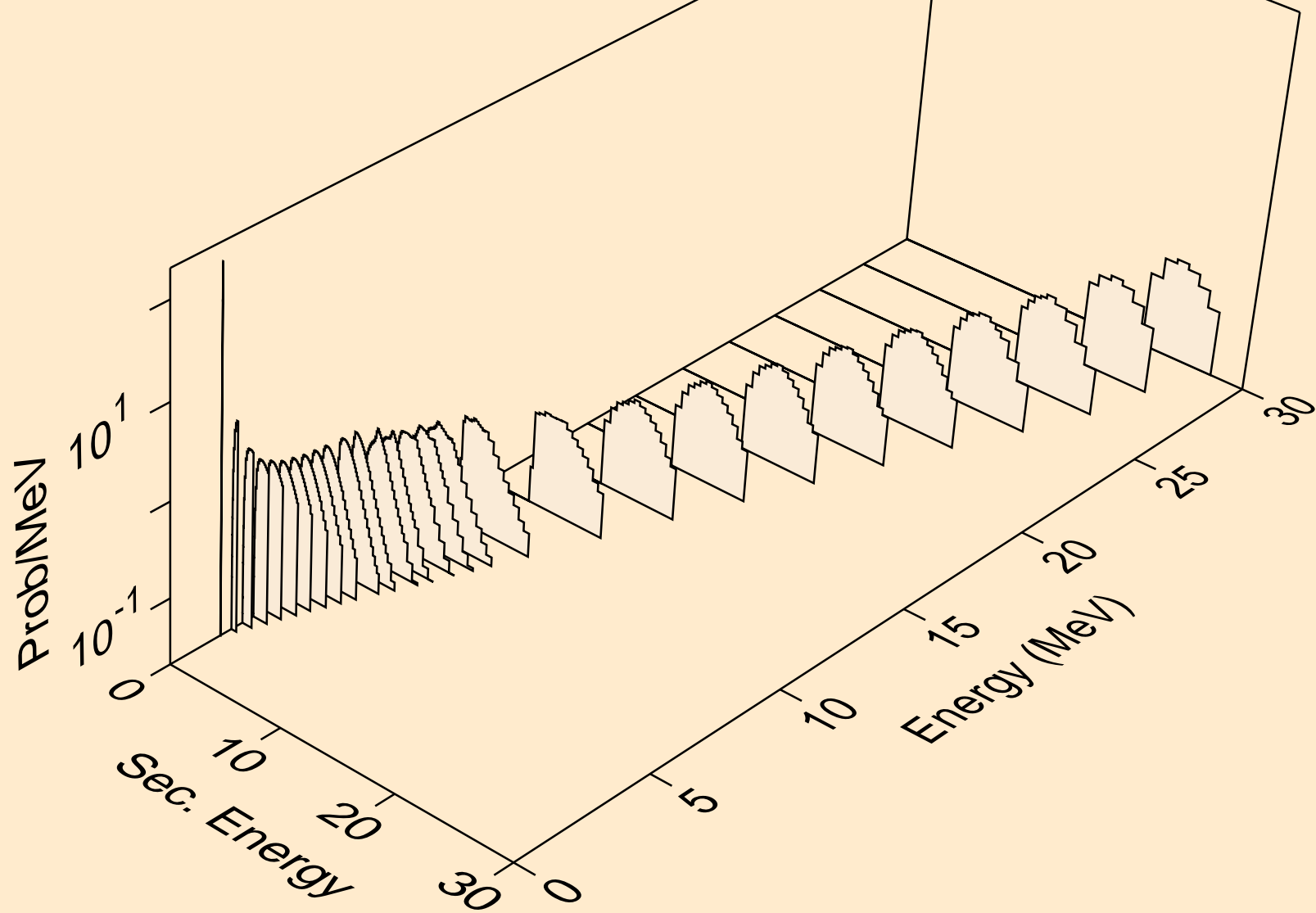




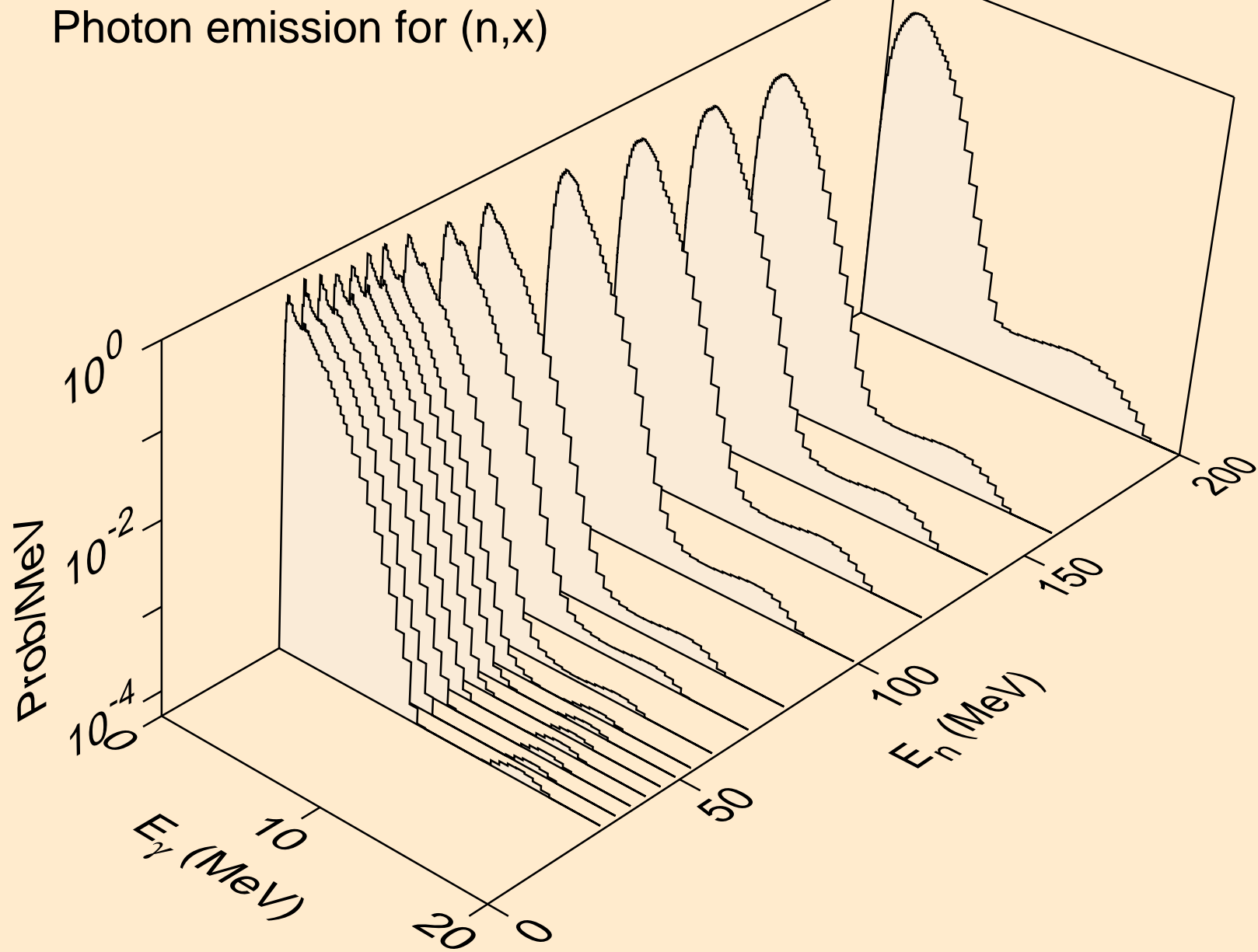
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Neutron emission for (n,3np)



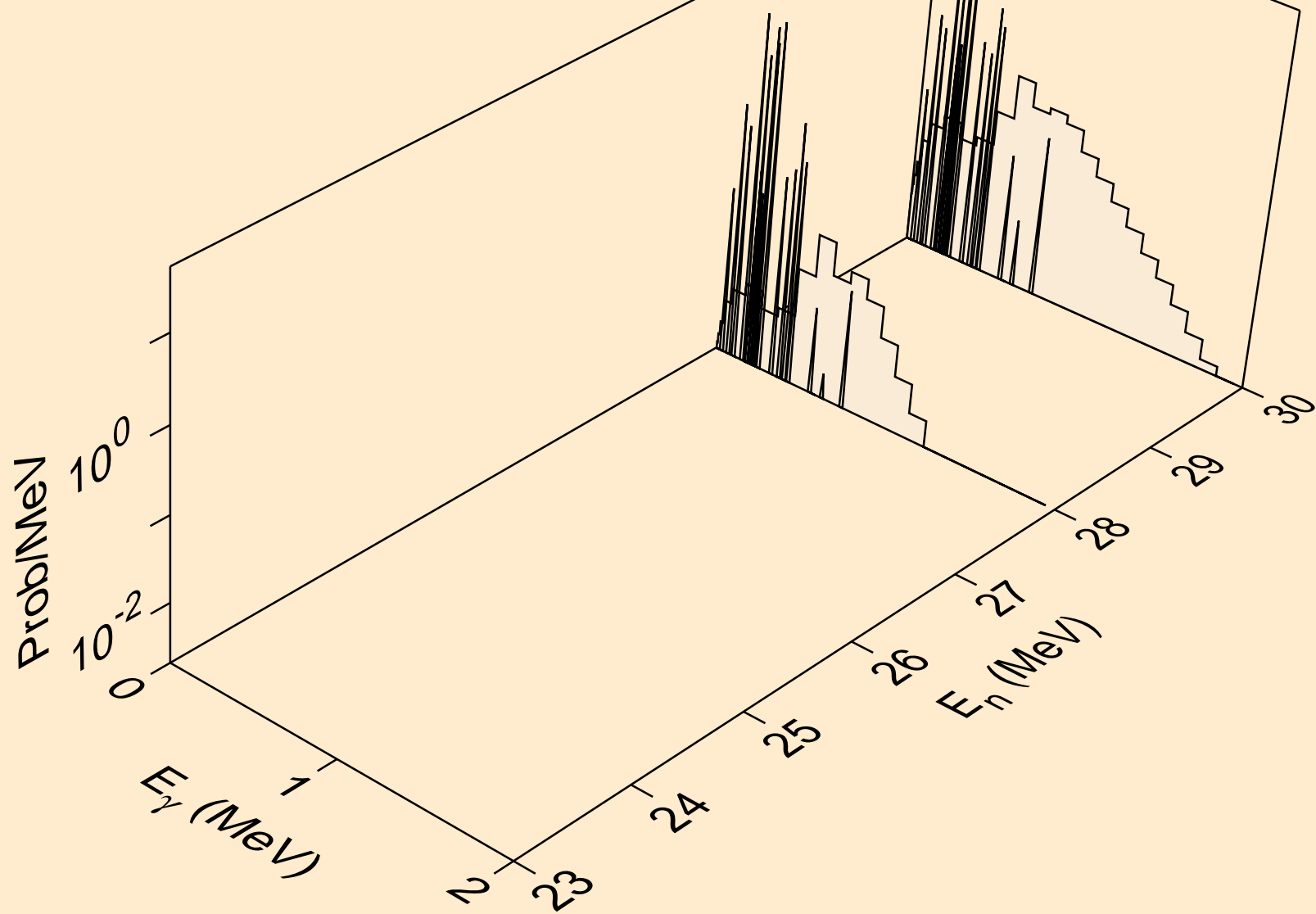
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Neutron emission for (n,n\*c)



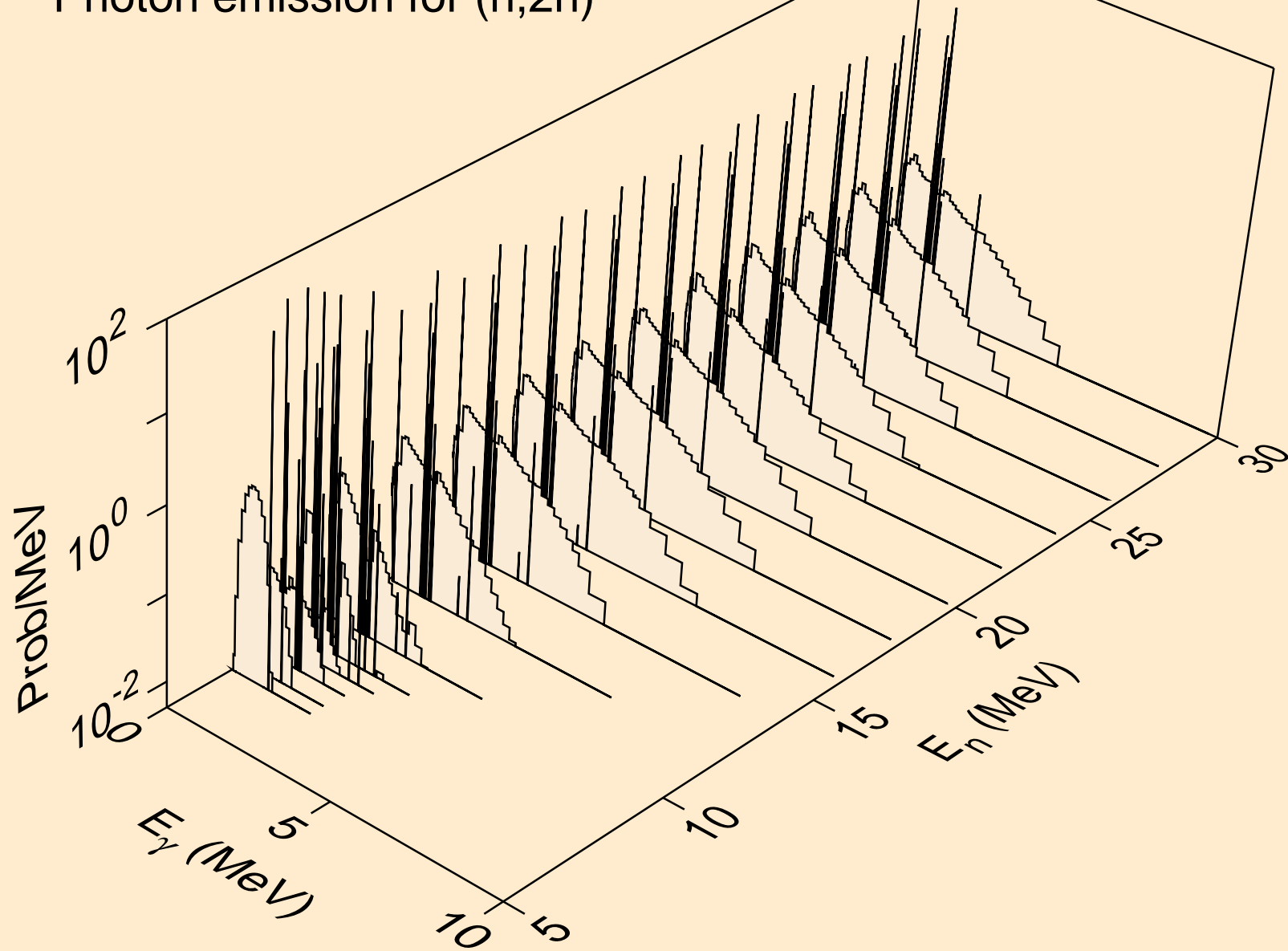
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Photon emission for (n,x)



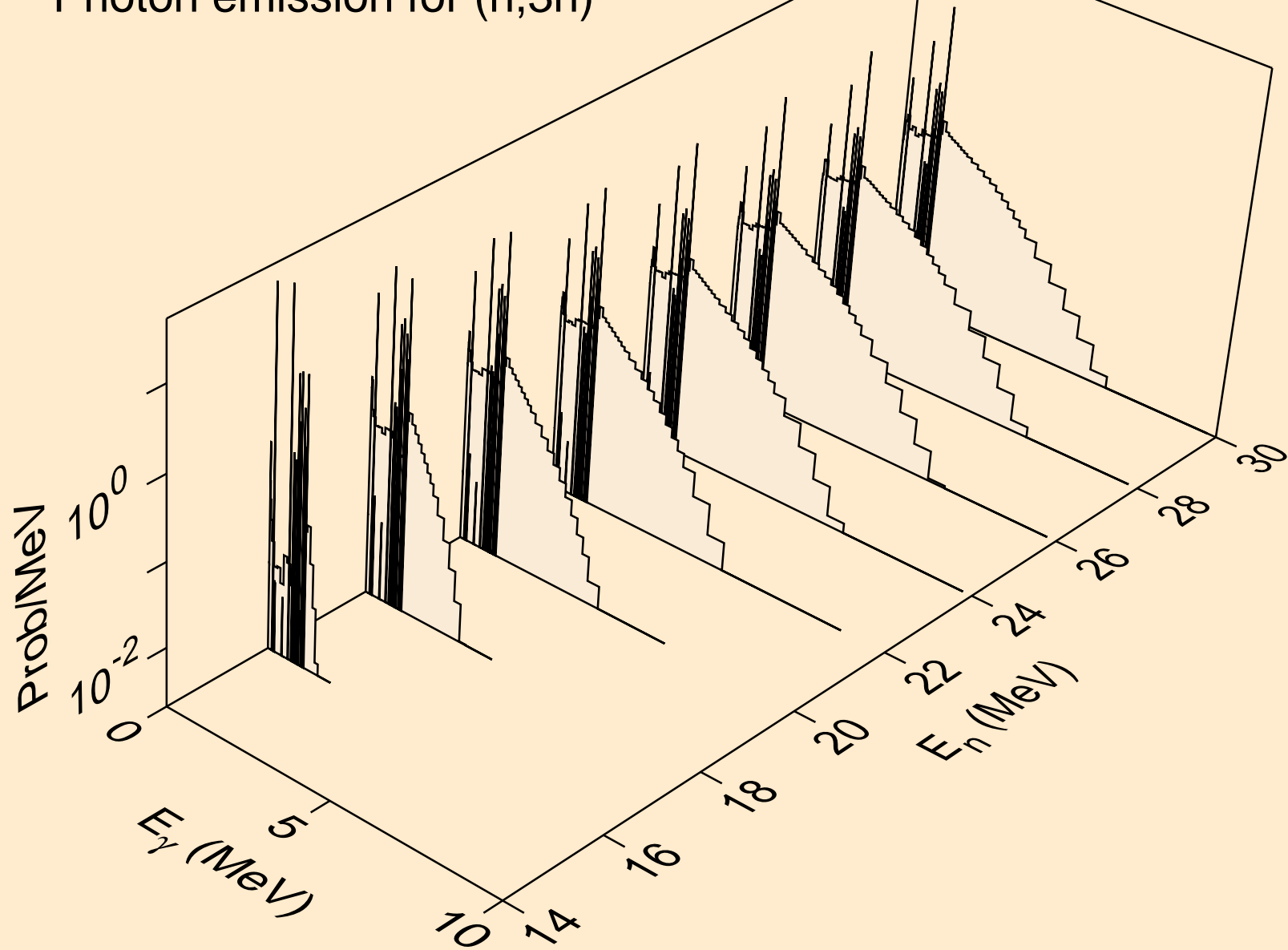
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Photon emission for (n,2nd)



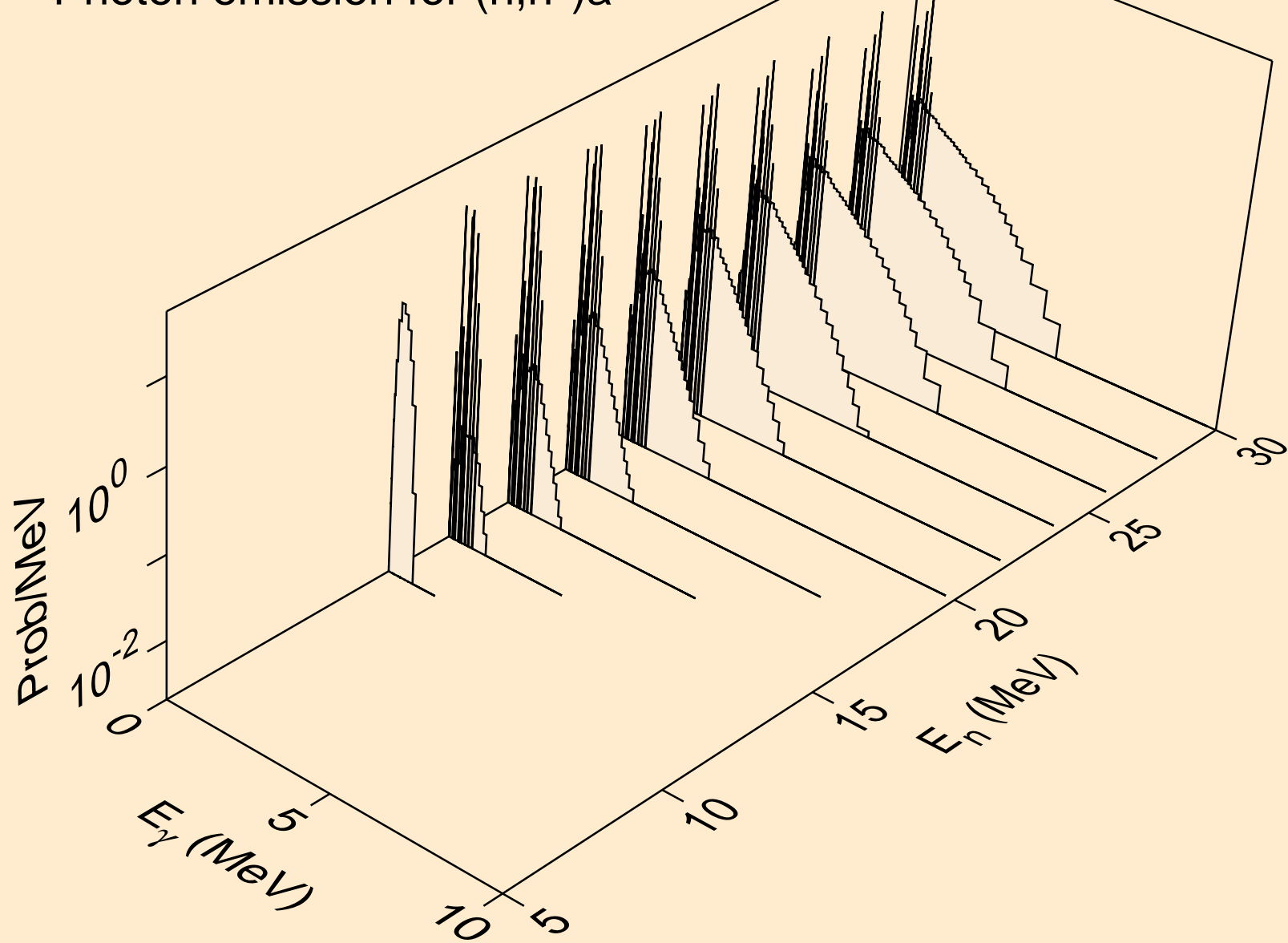
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Photon emission for (n,2n)



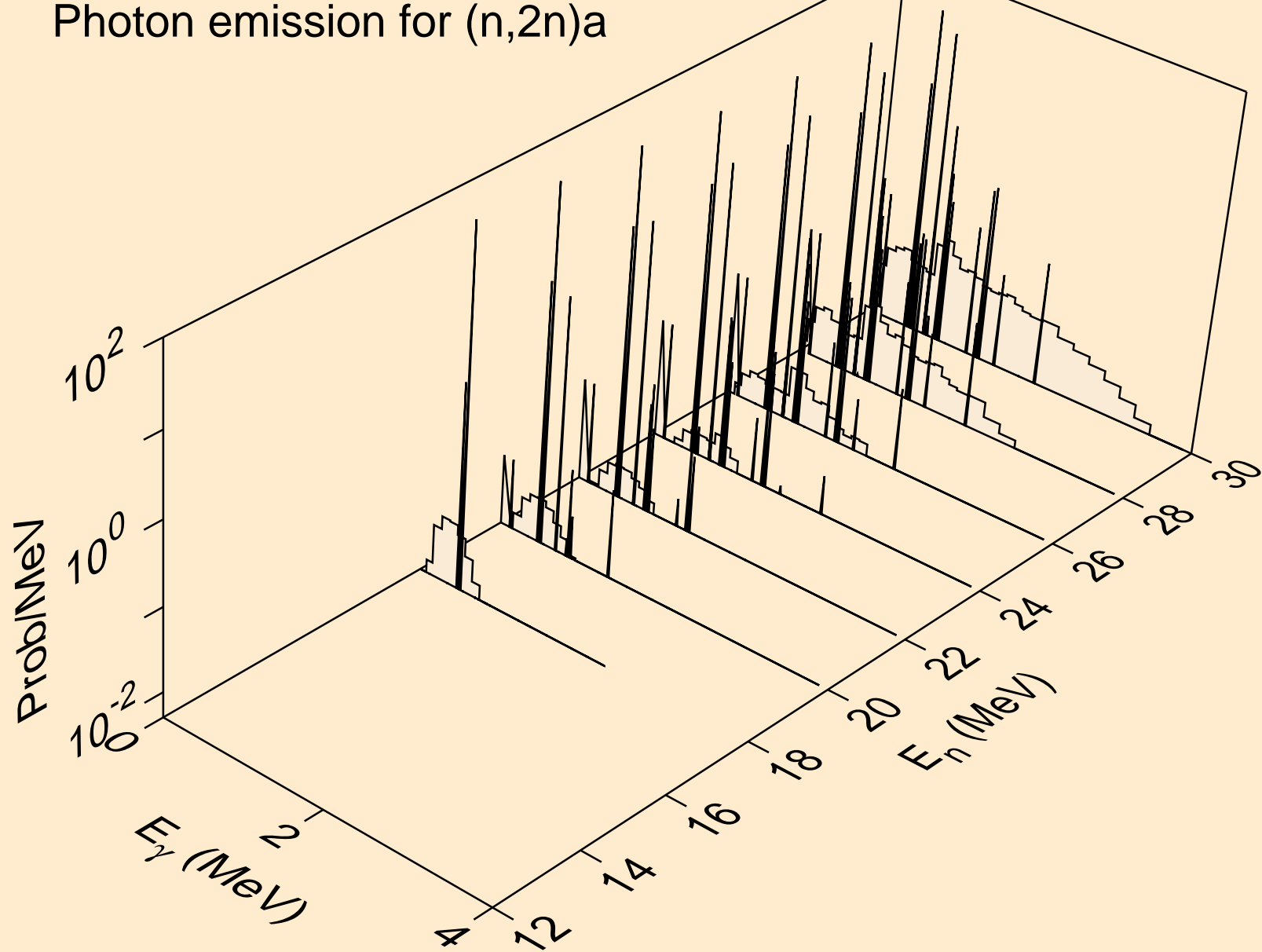
SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

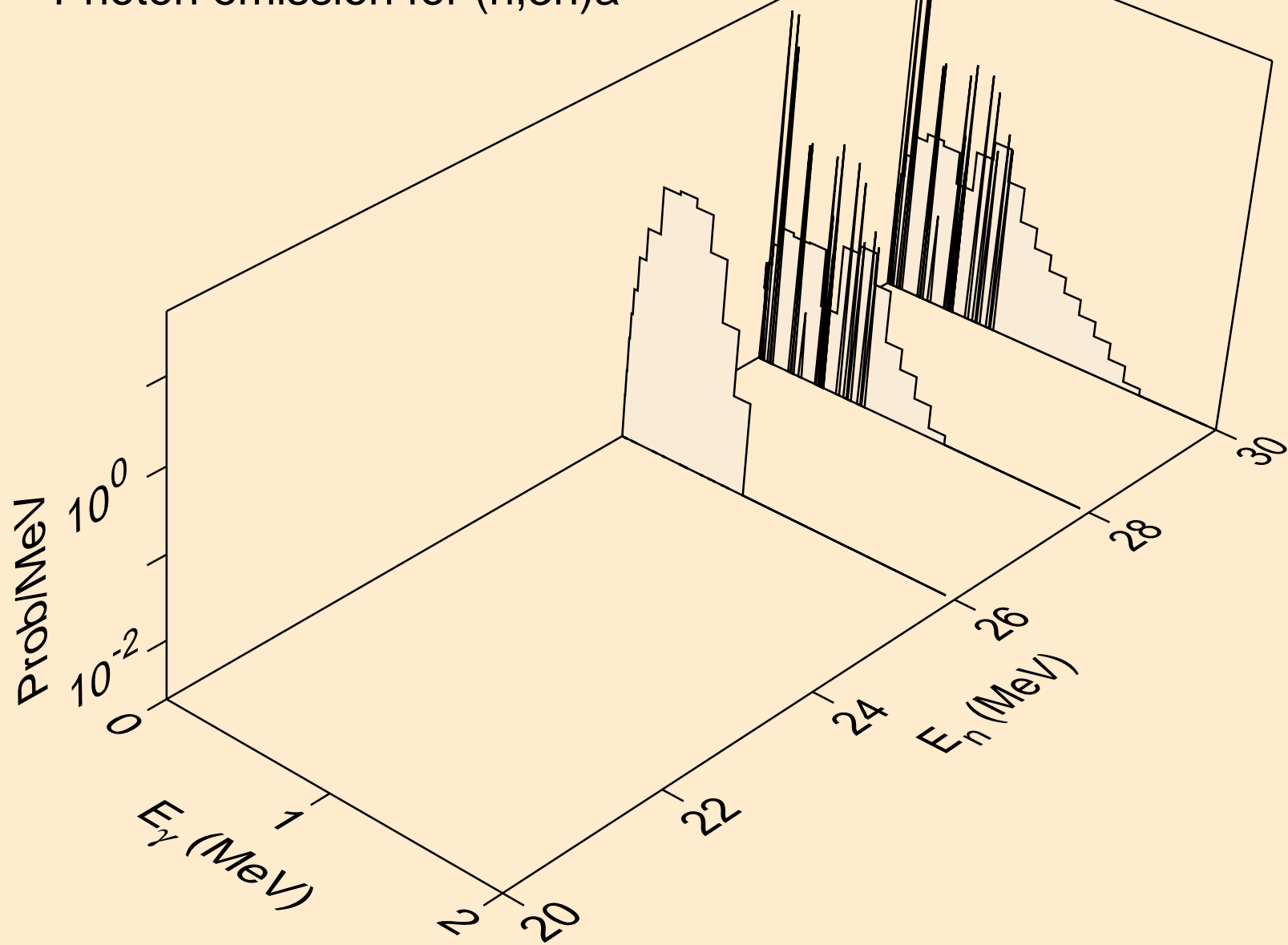


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Photon emission for (n,2n)a

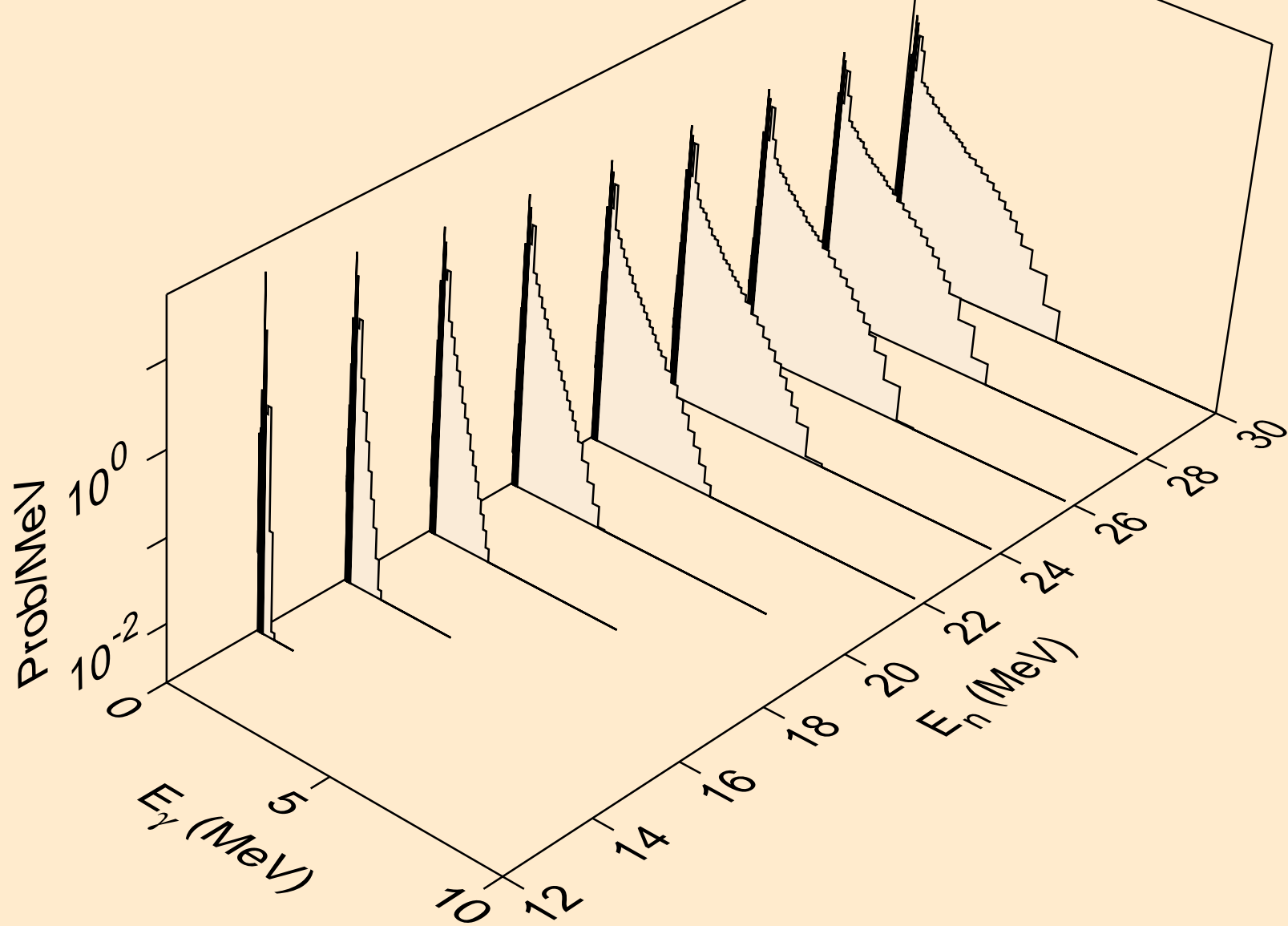




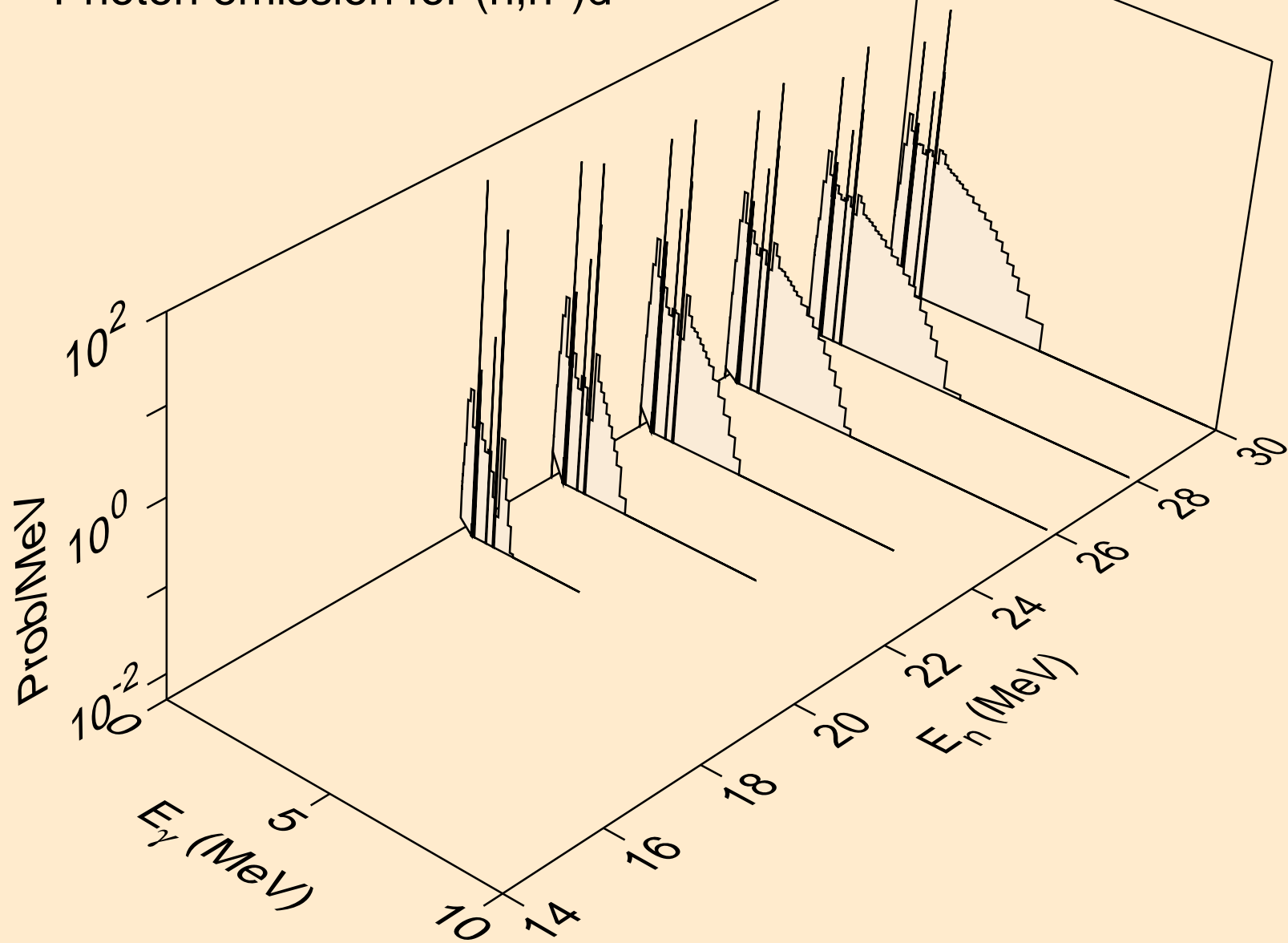
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Photon emission for (n,3n)a



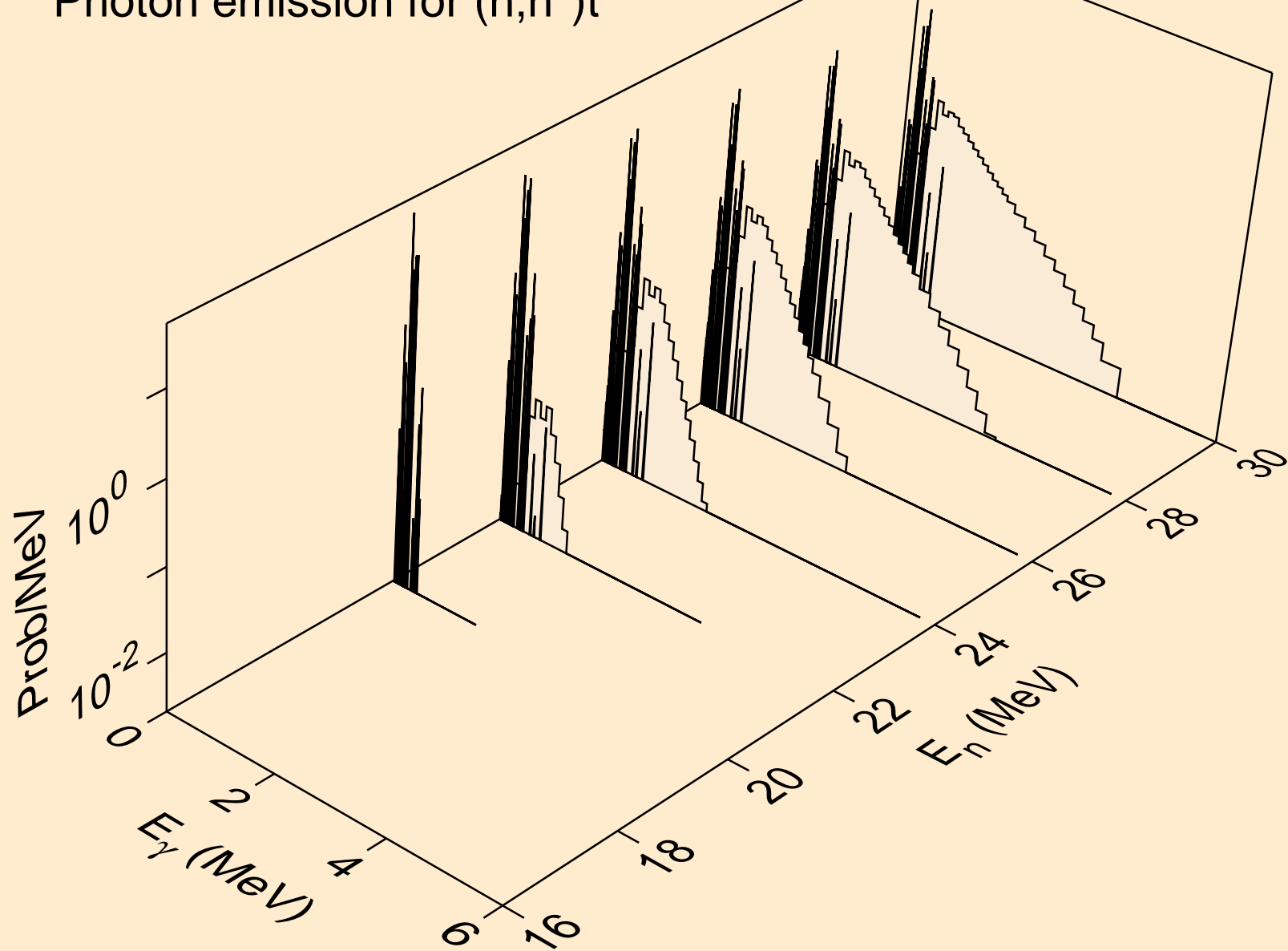
SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



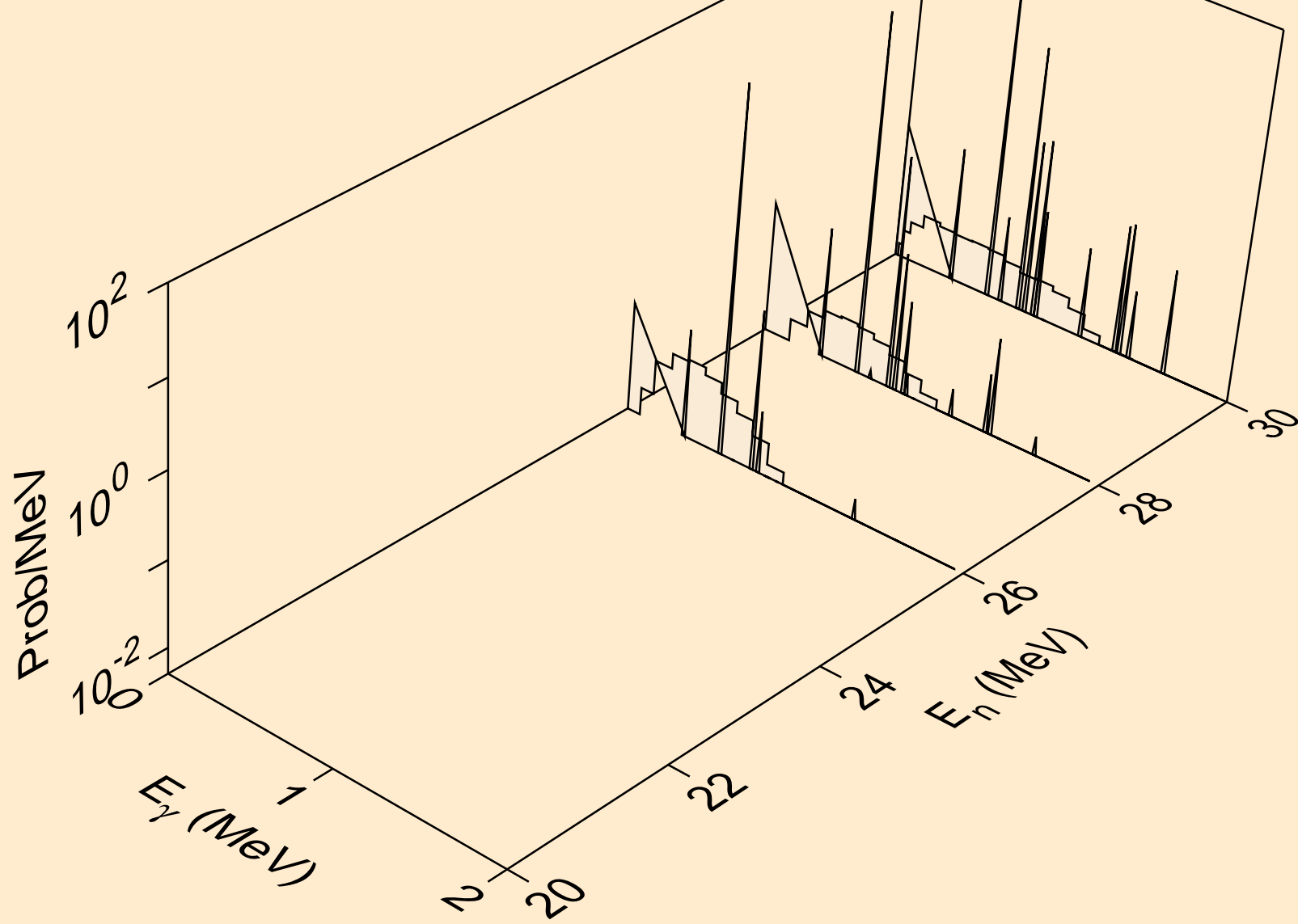
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Photon emission for (n,n\*)d



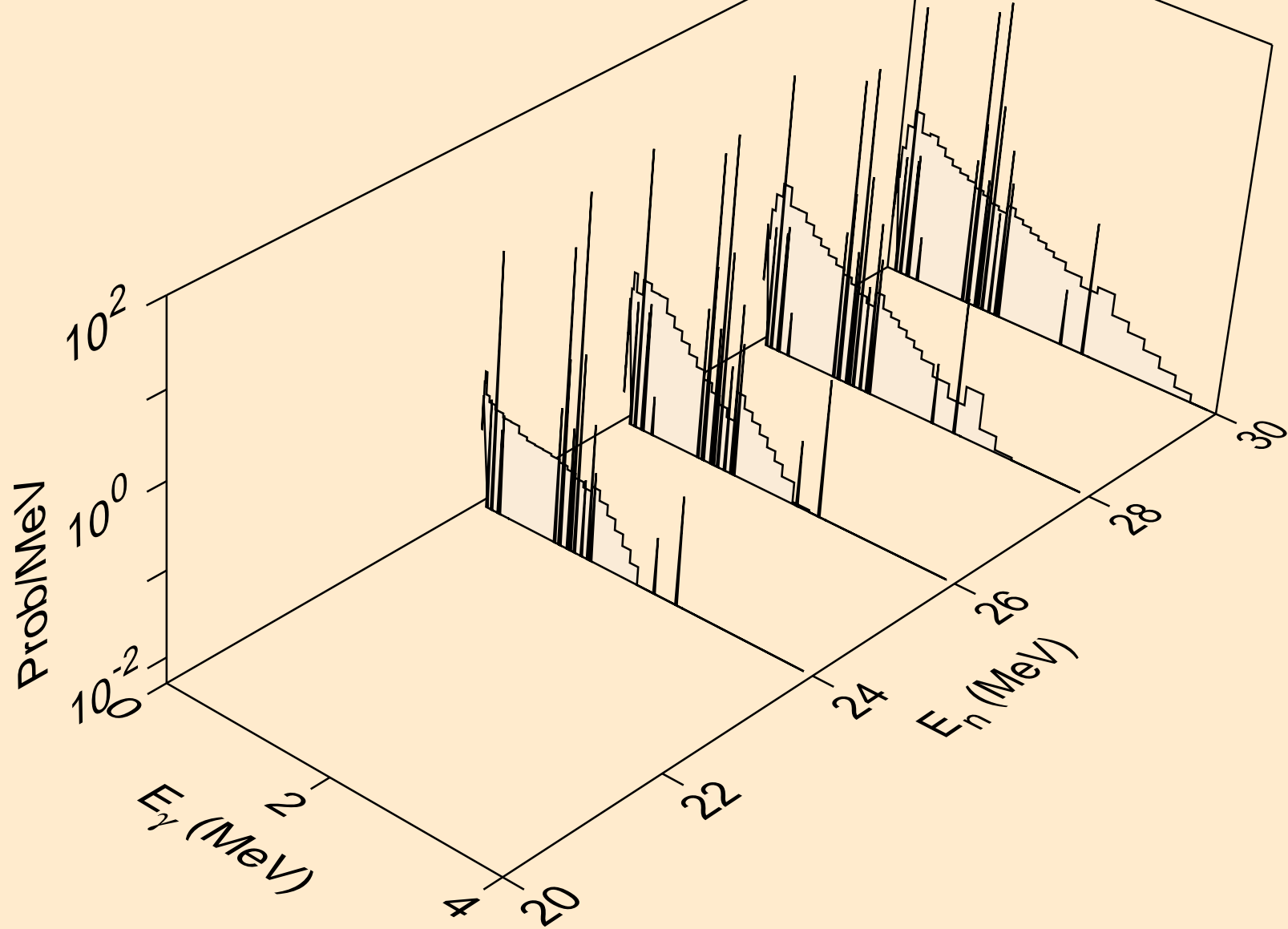
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Photon emission for (n,n\*)t



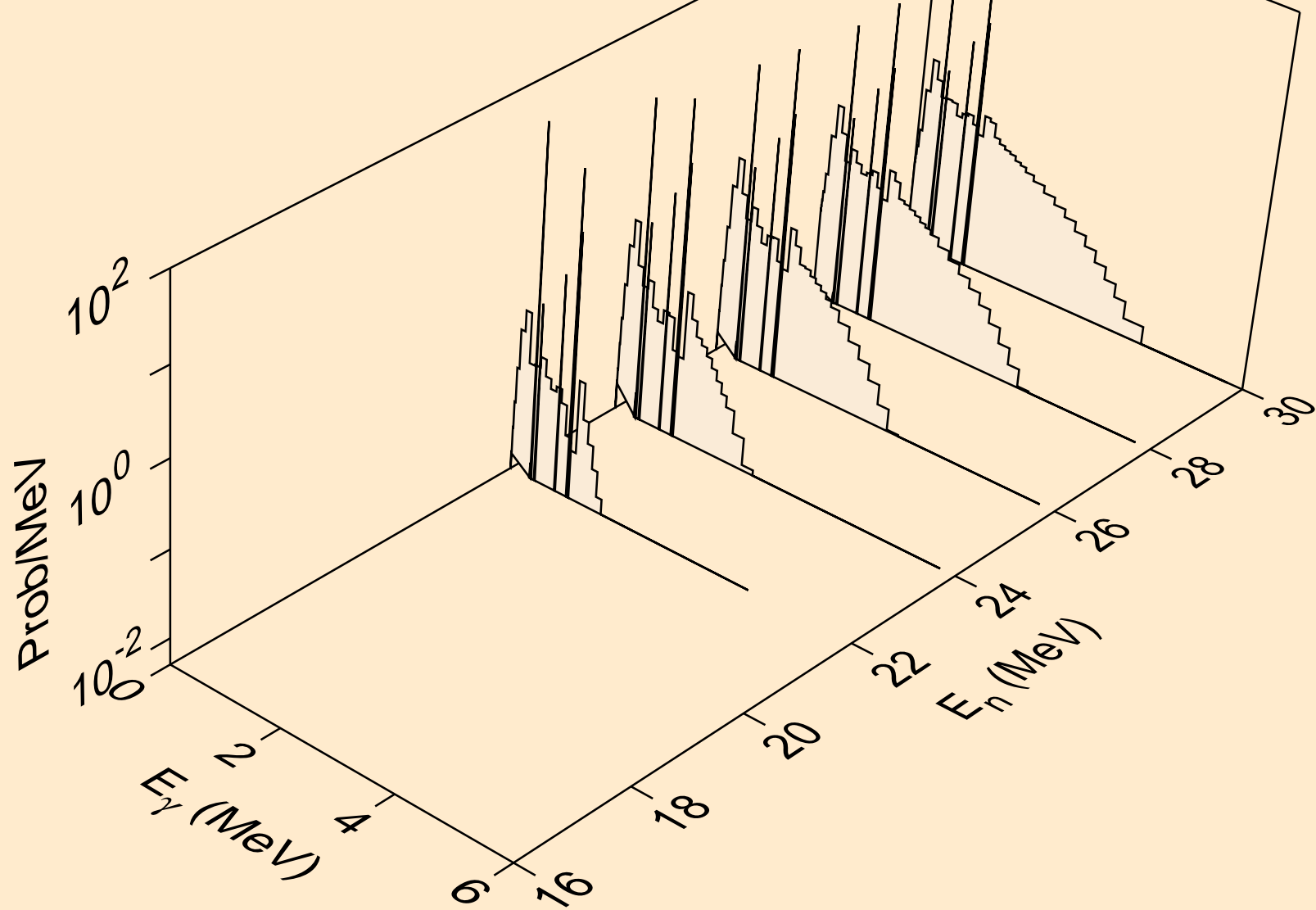
SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



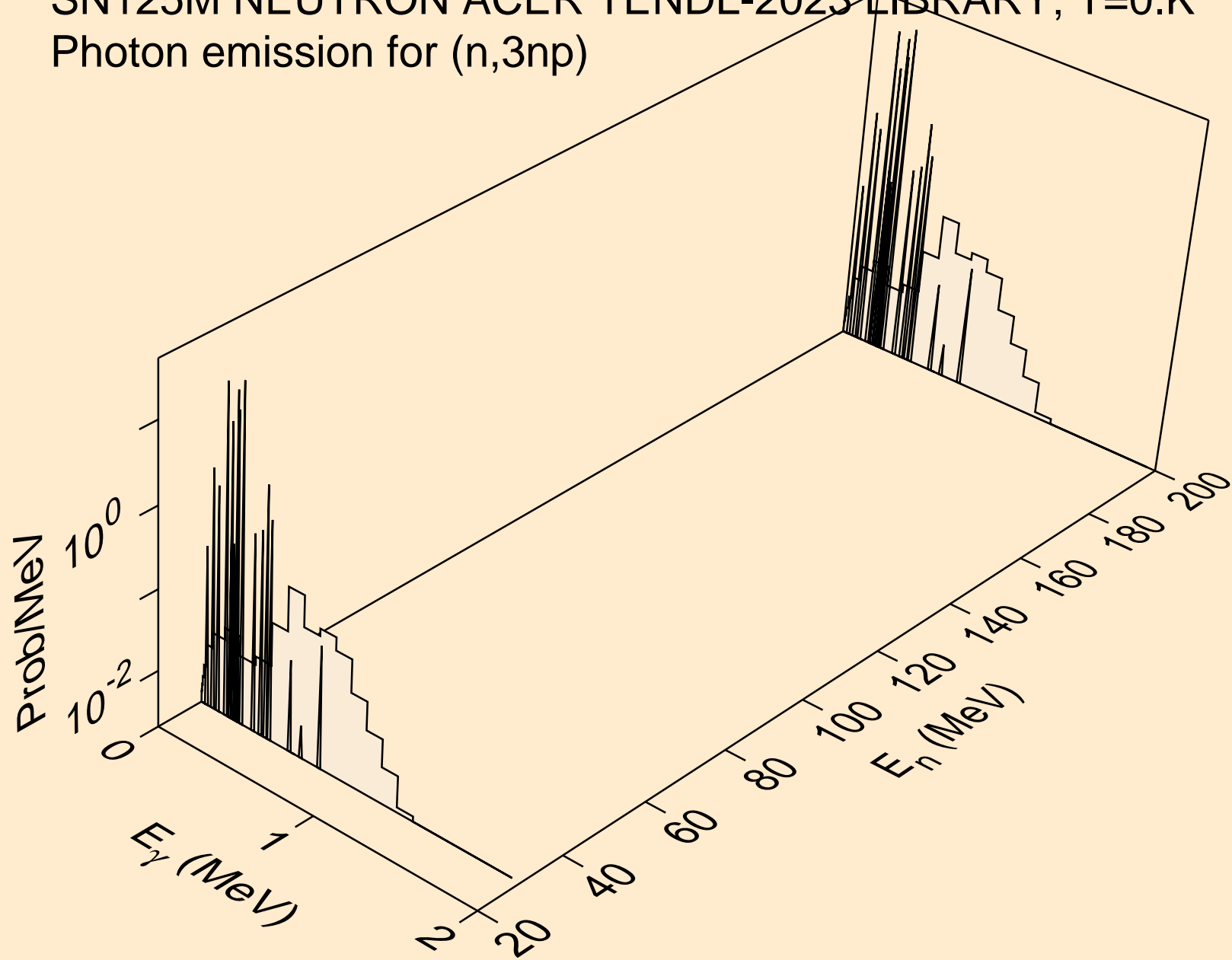
SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

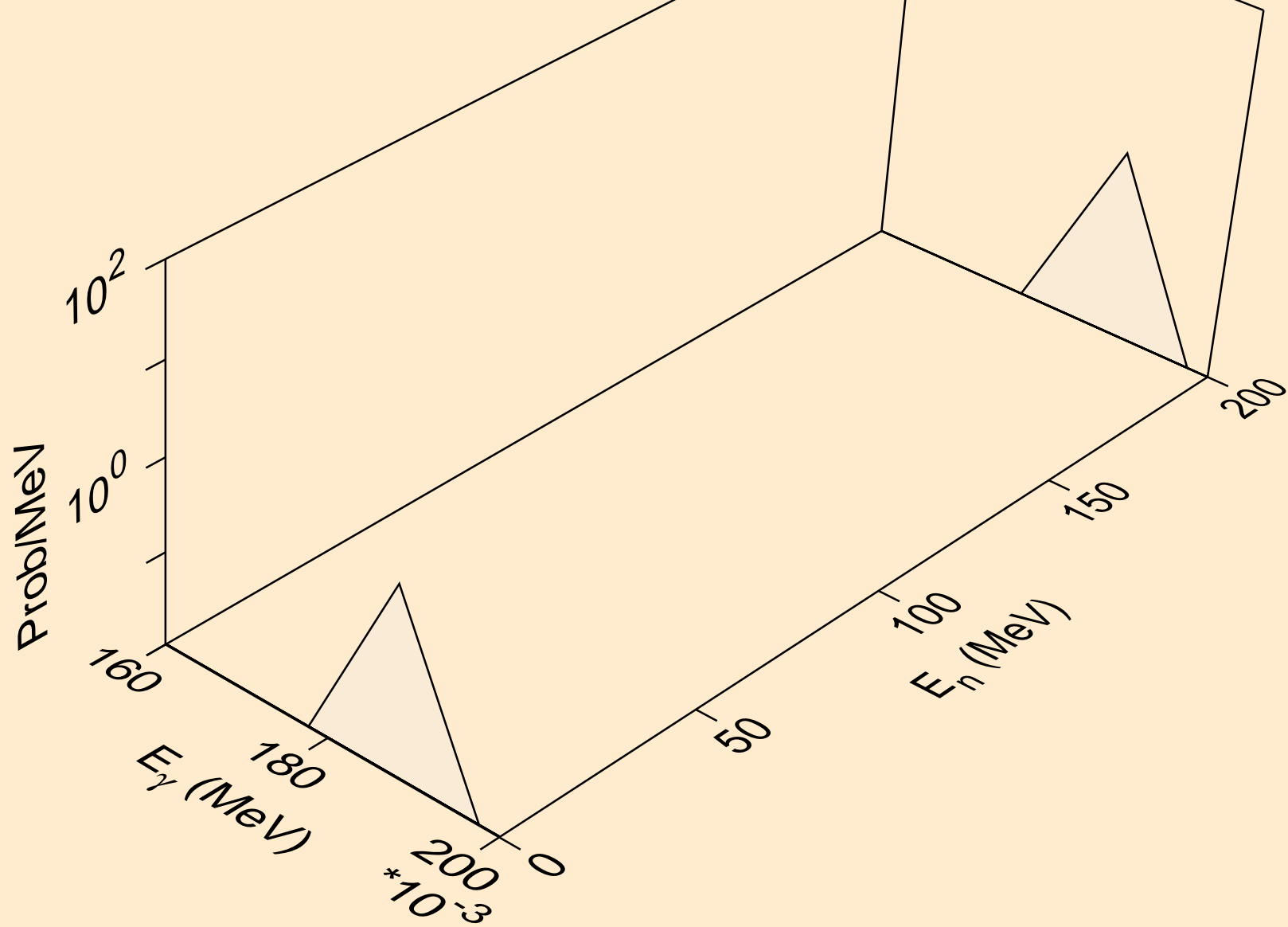


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Photon emission for (n,3np)

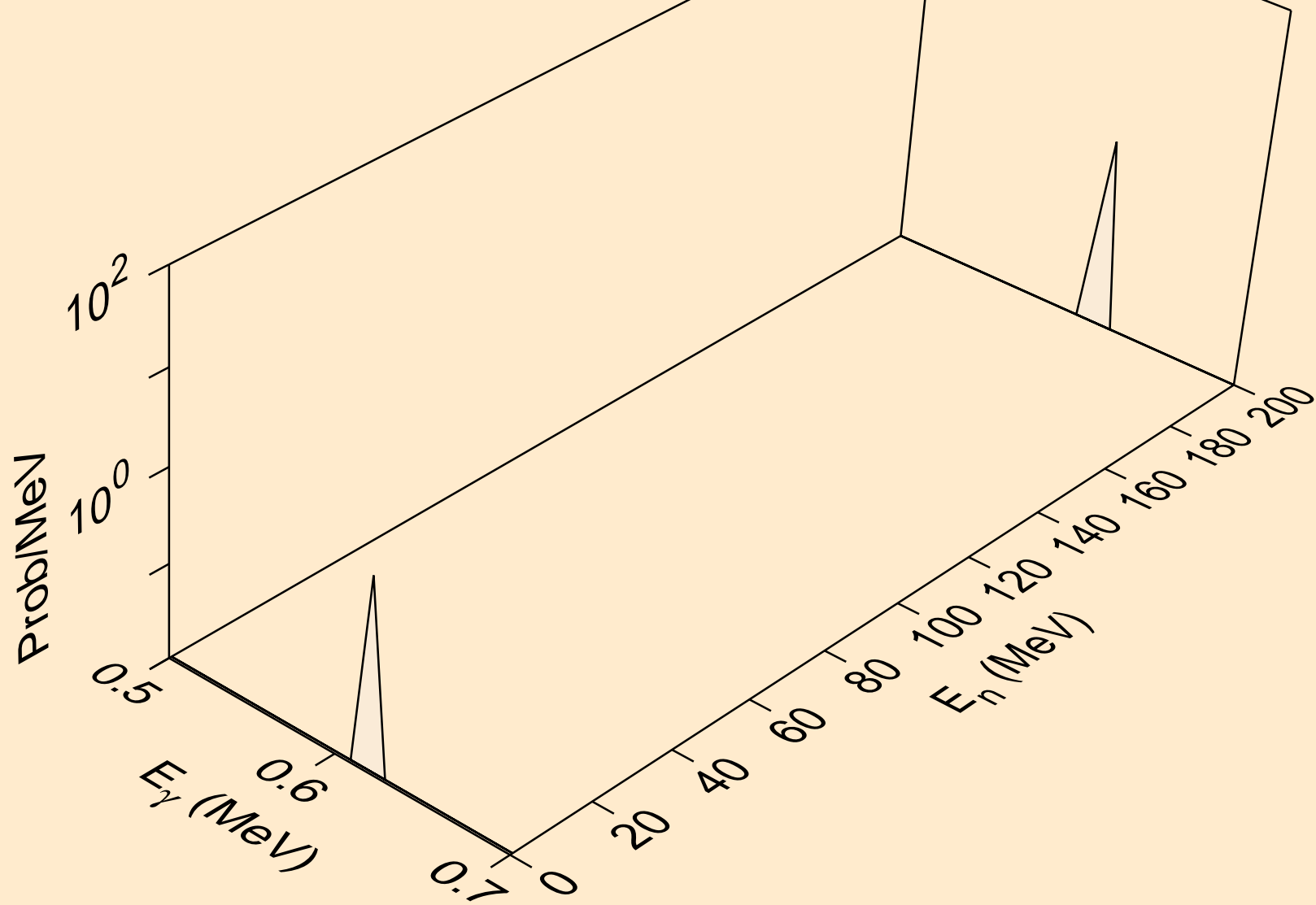




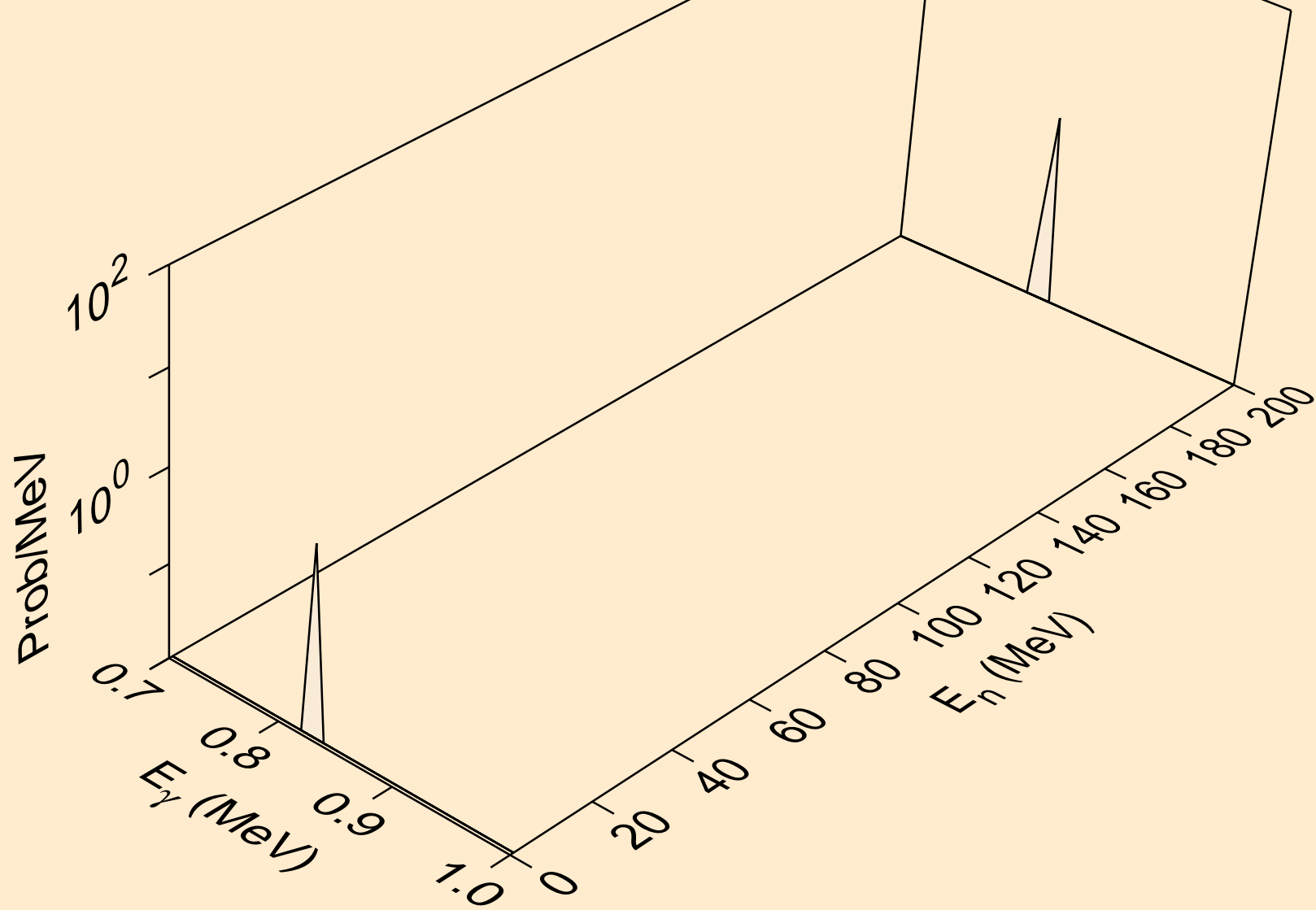
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Photon emission for (n,n\*2)



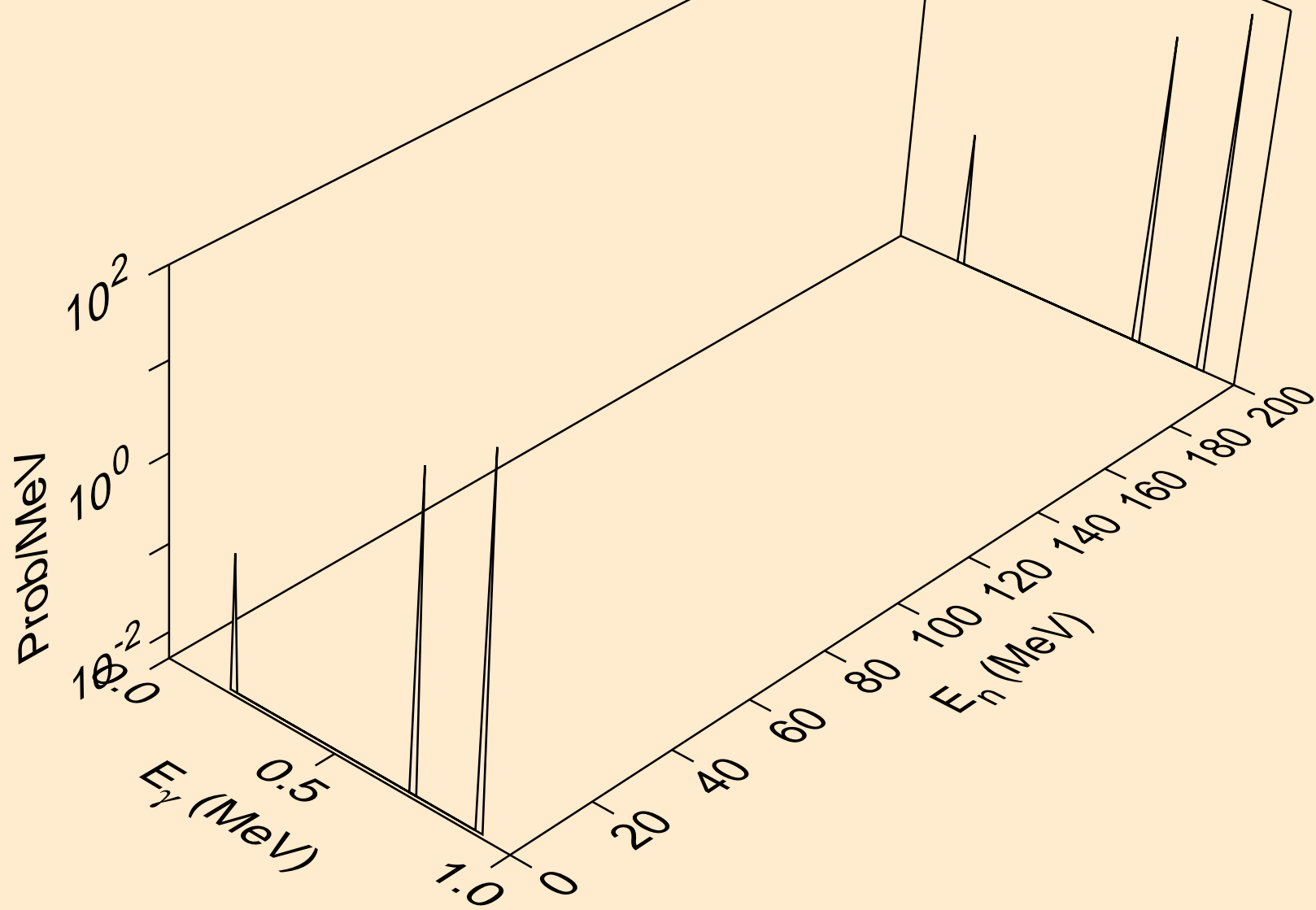
SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*3)



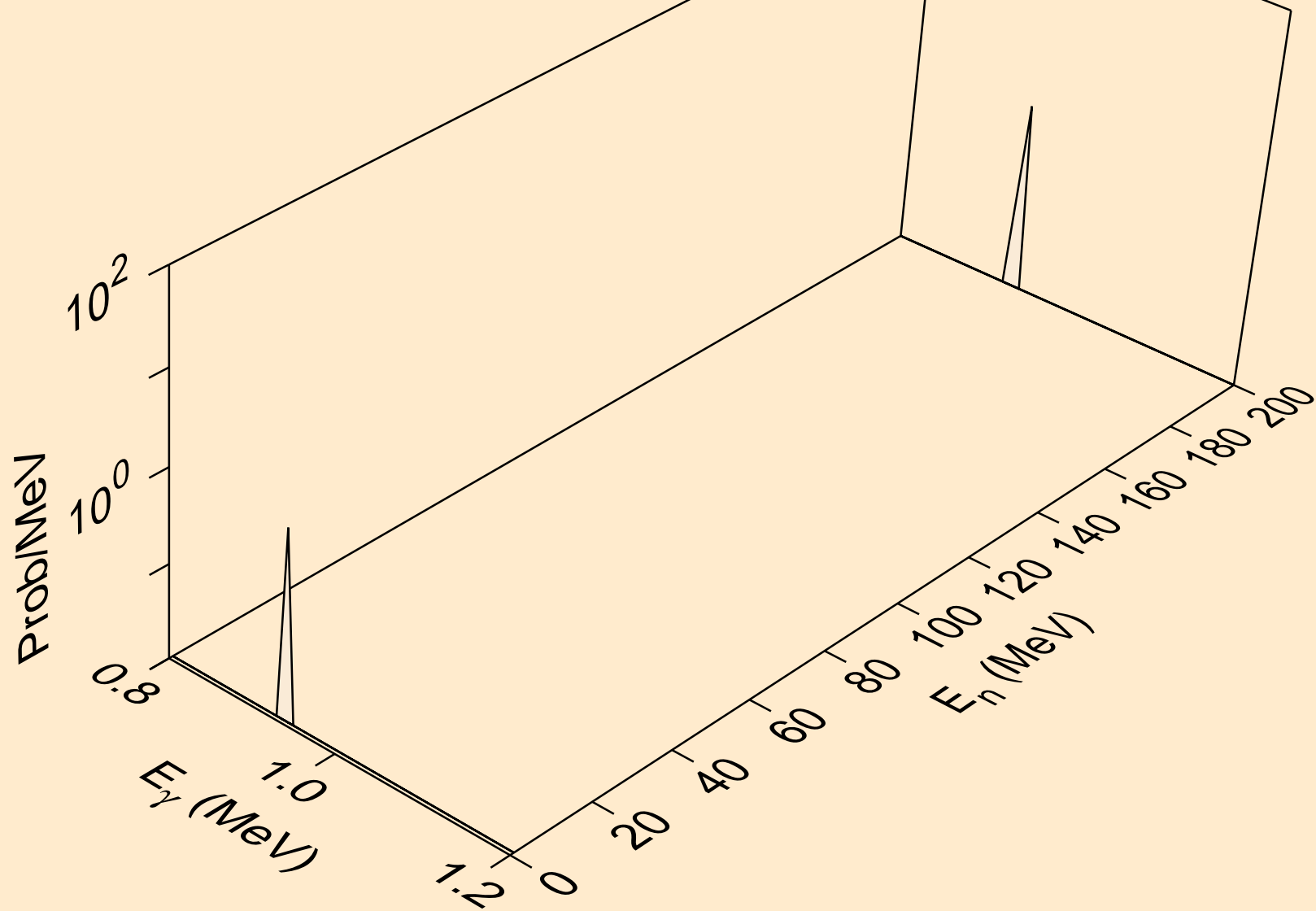
SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*4)



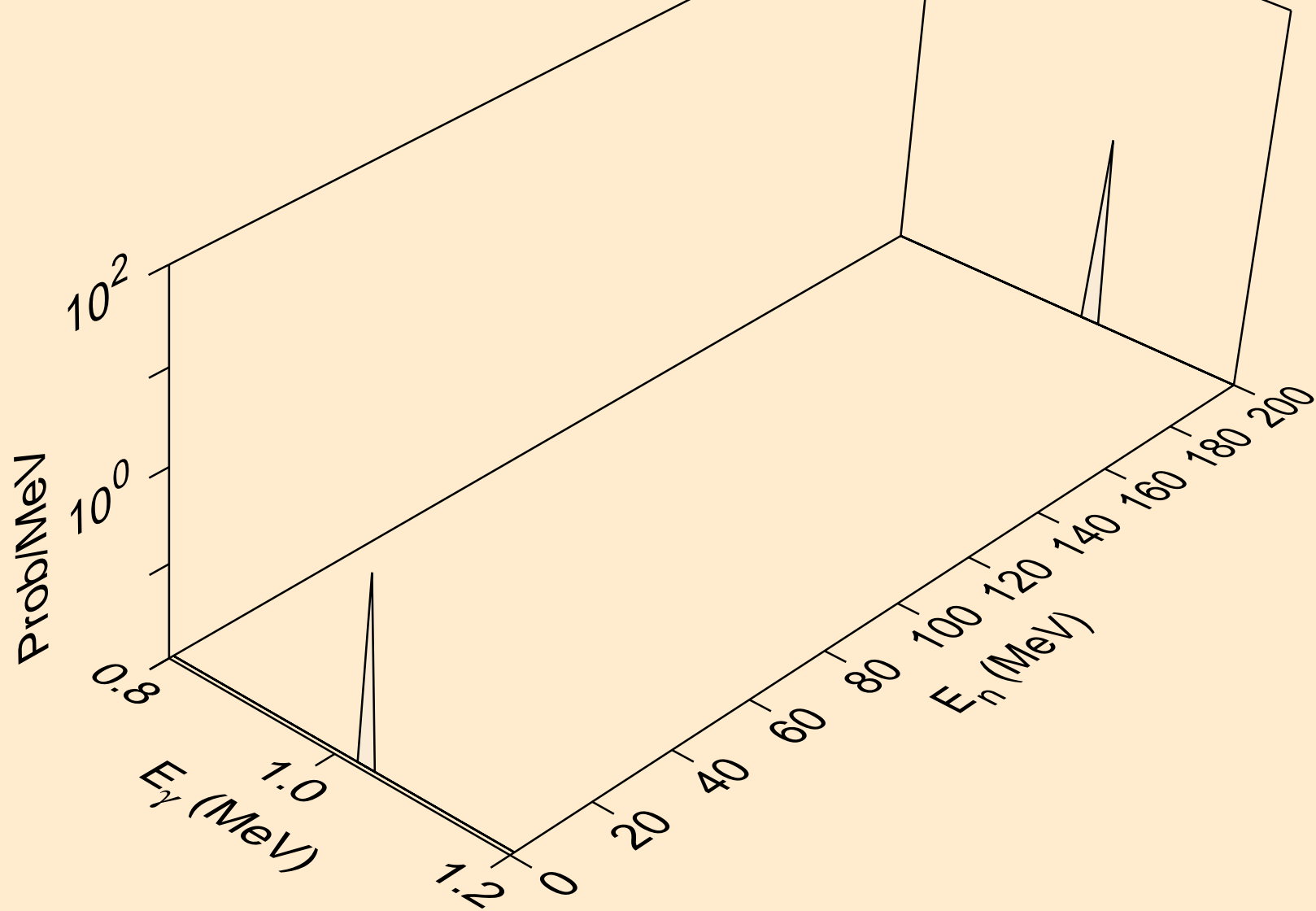
SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*5)



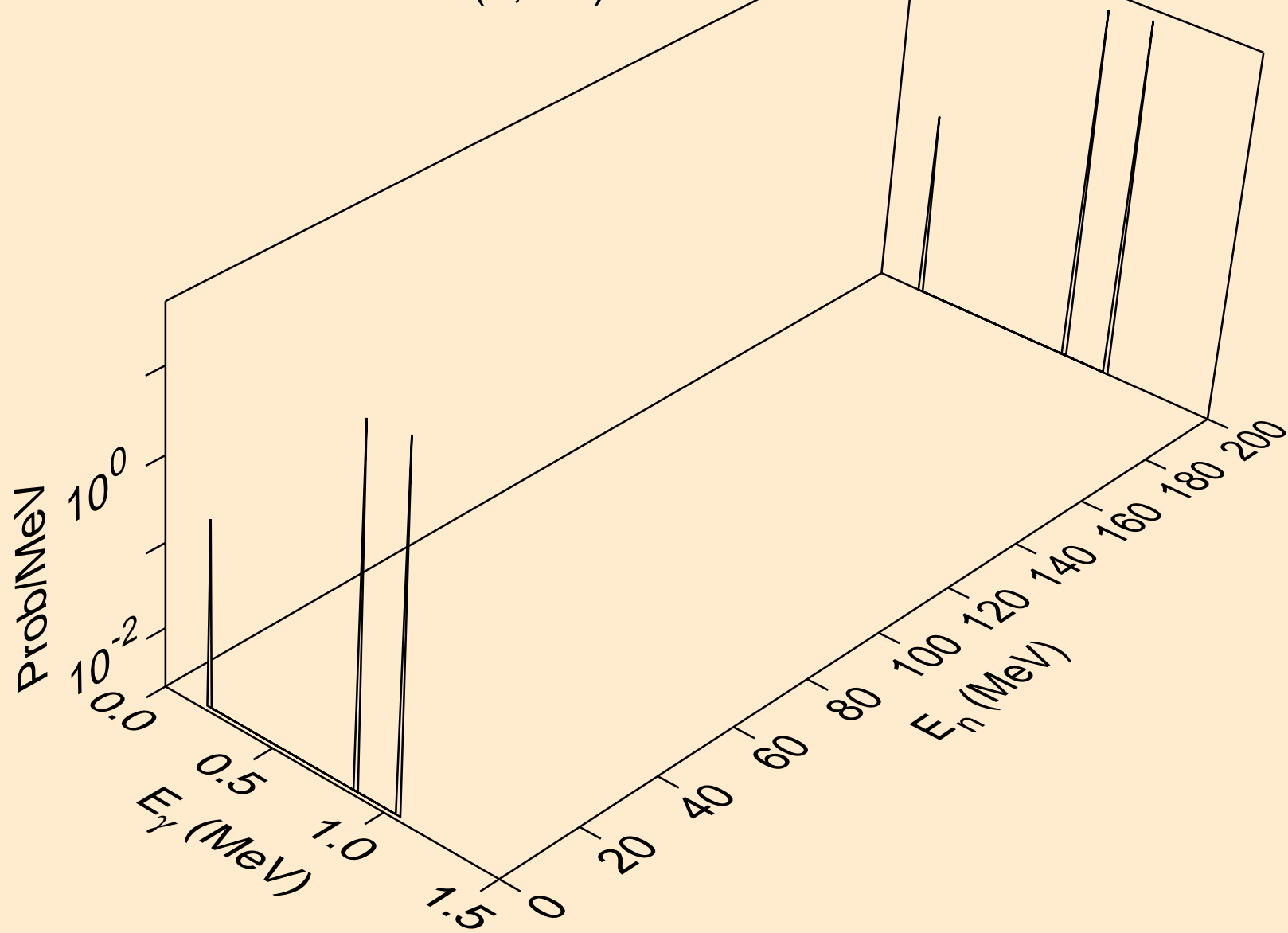
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Photon emission for (n,n\*6)



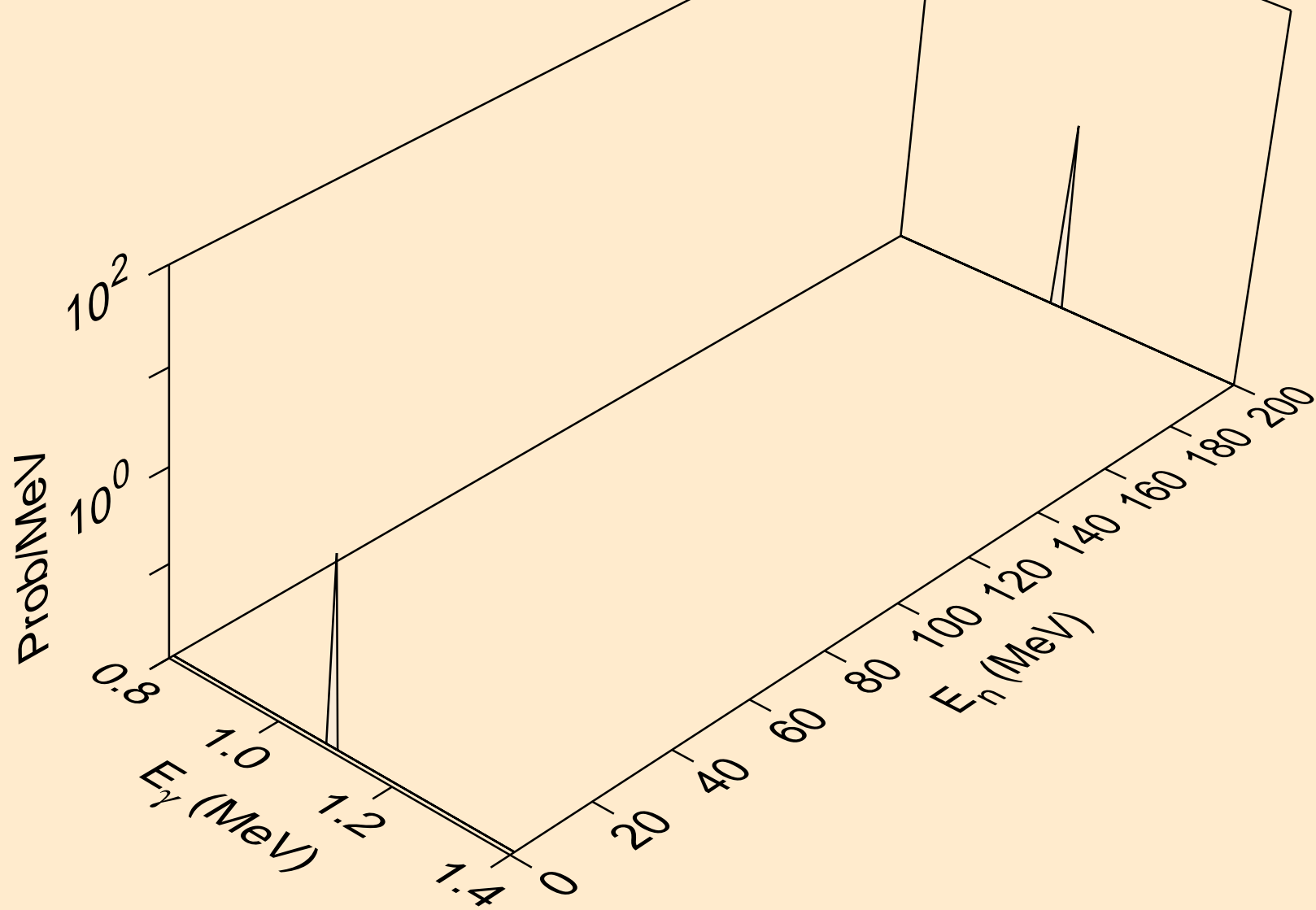
SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*7)



SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*8)

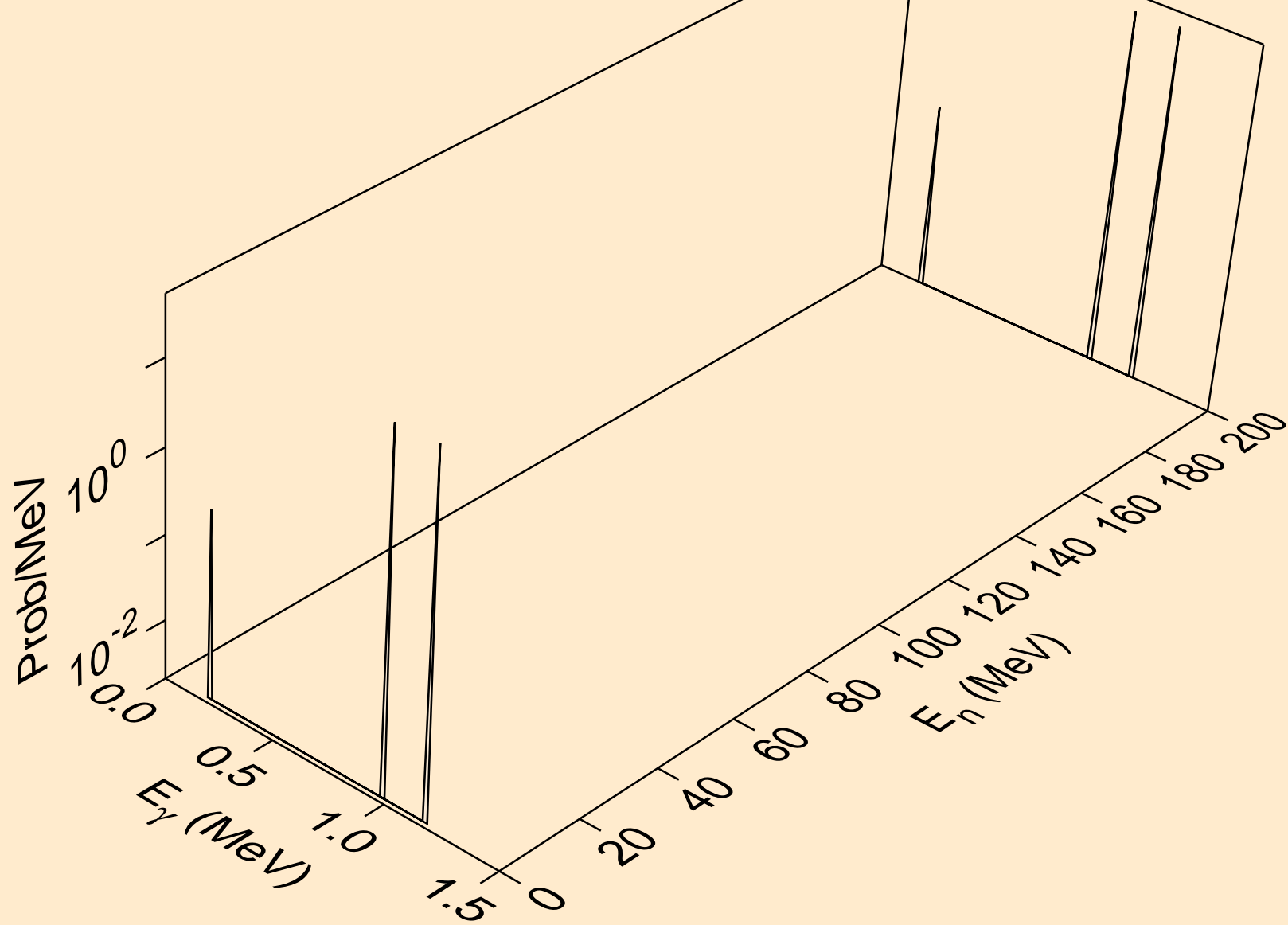


SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*9)

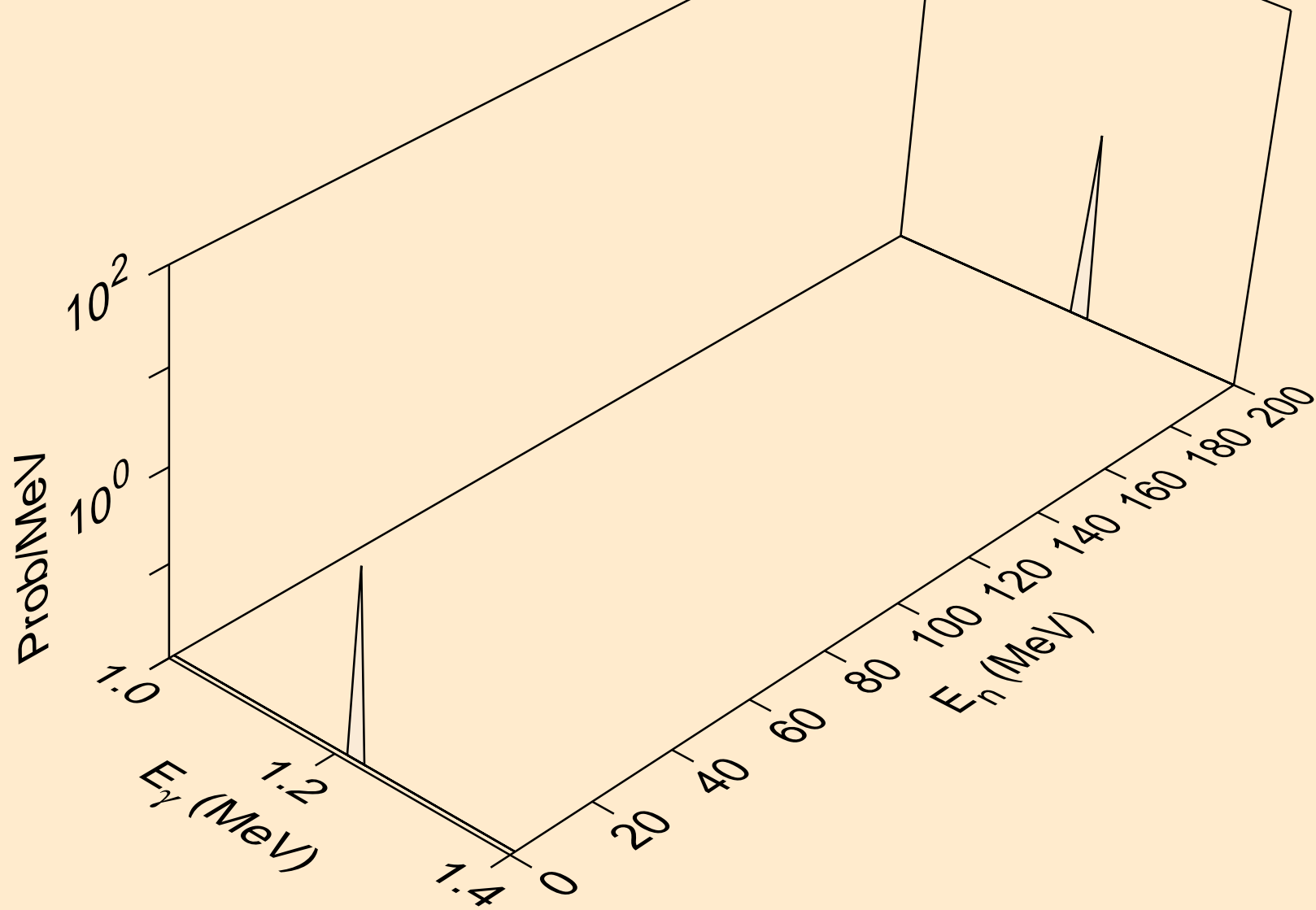




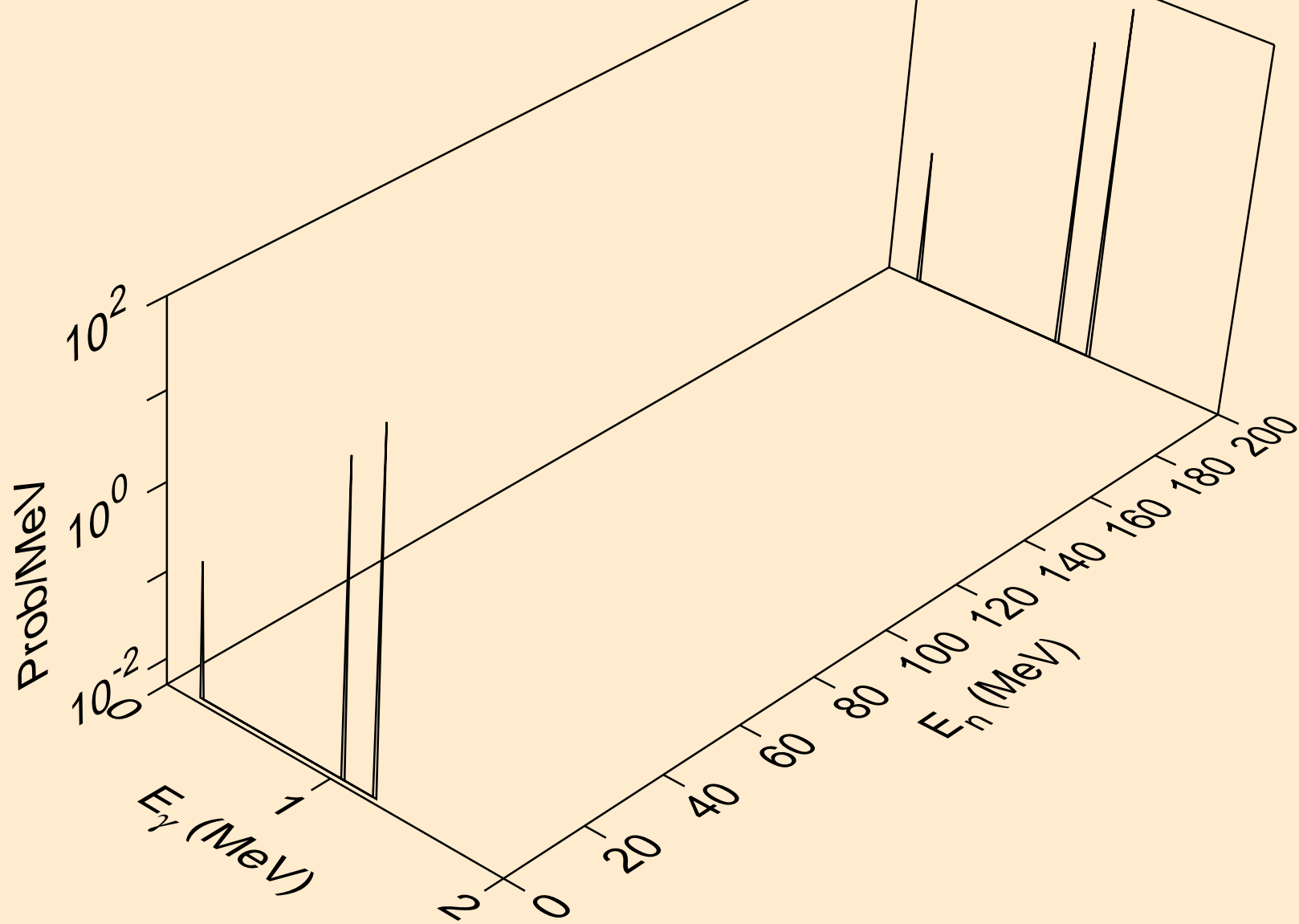
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Photon emission for (n,n\*10)



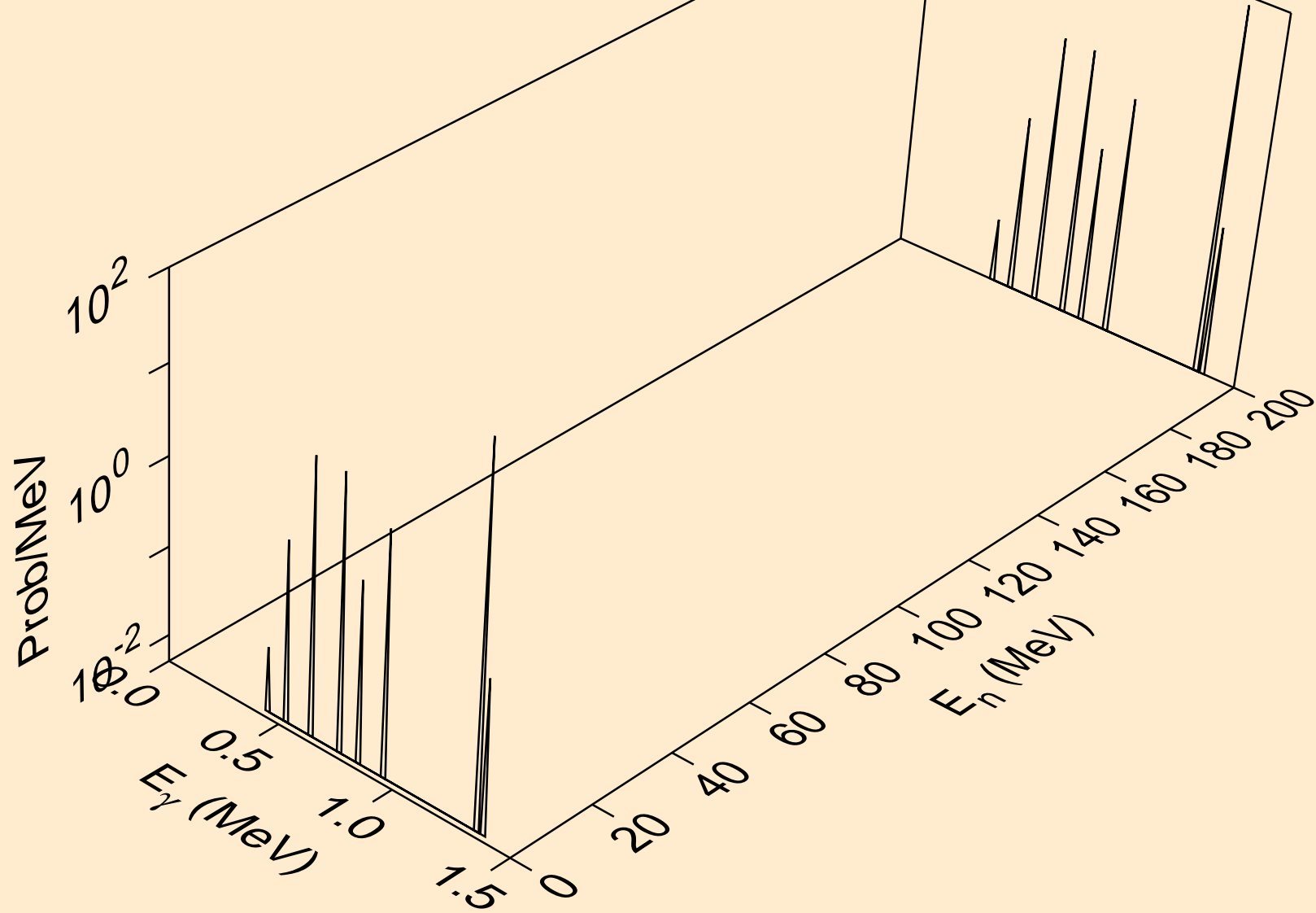
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Photon emission for (n,n\*11)



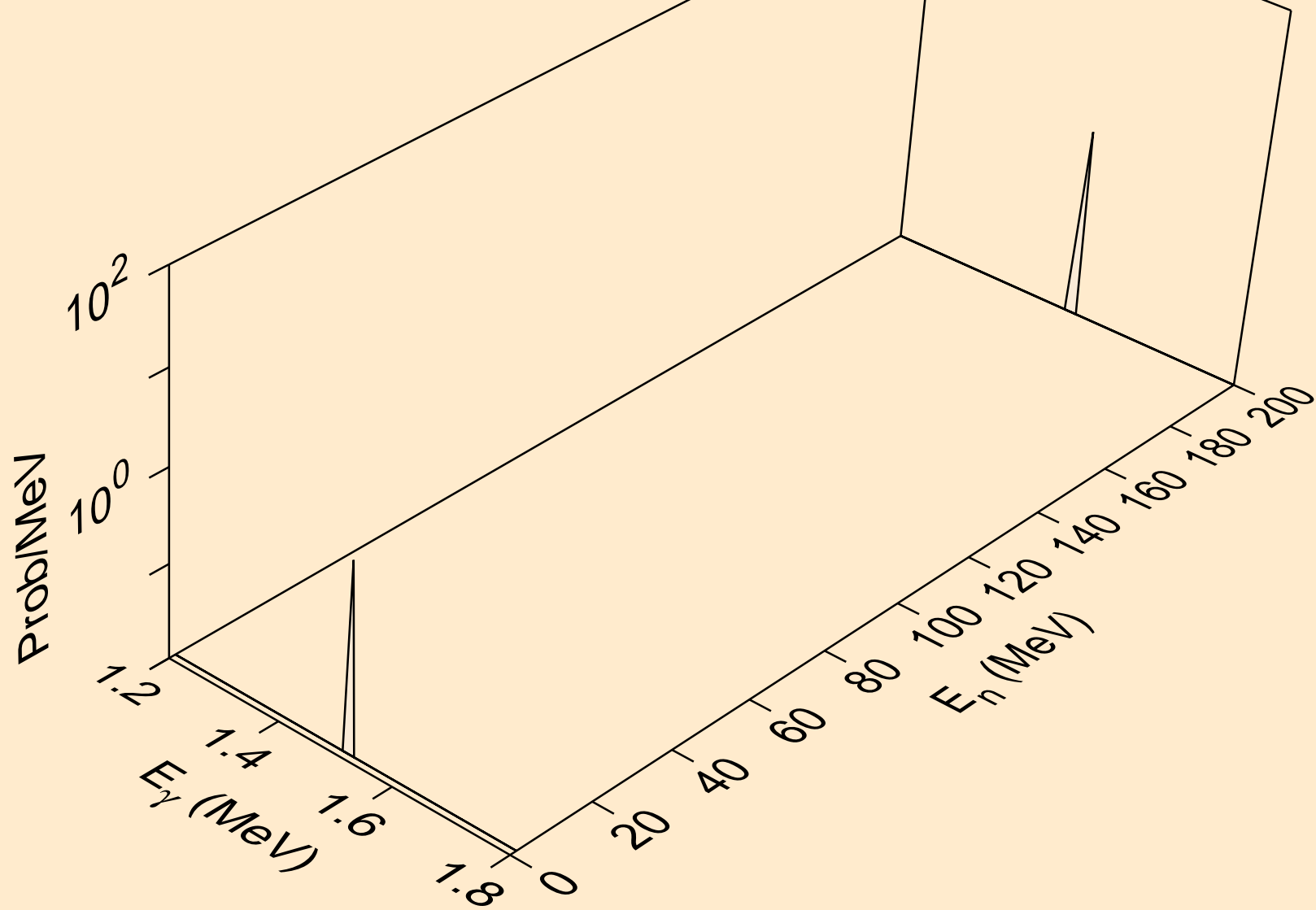
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Photon emission for (n,n\*12)



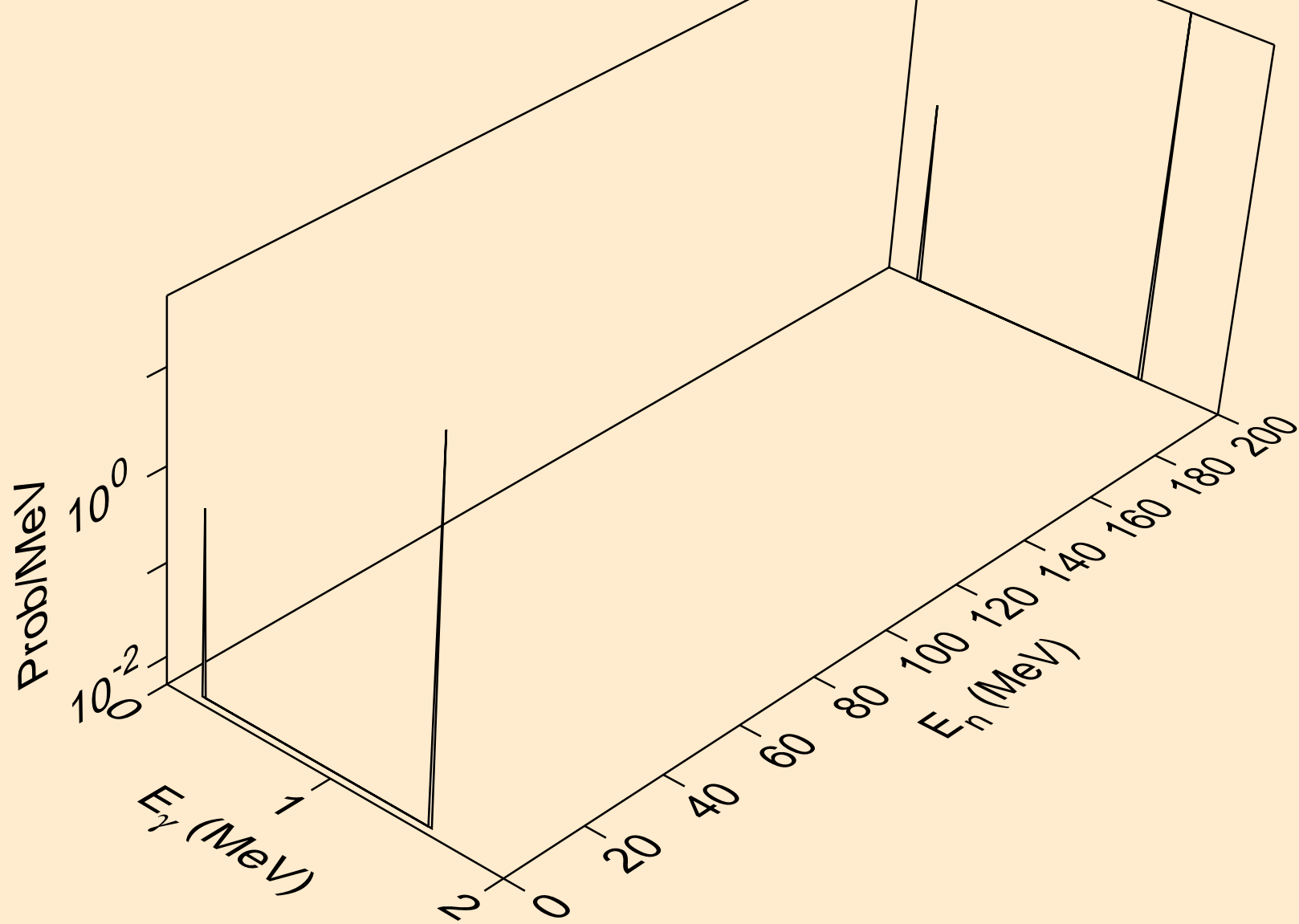
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Photon emission for (n,n\*13)



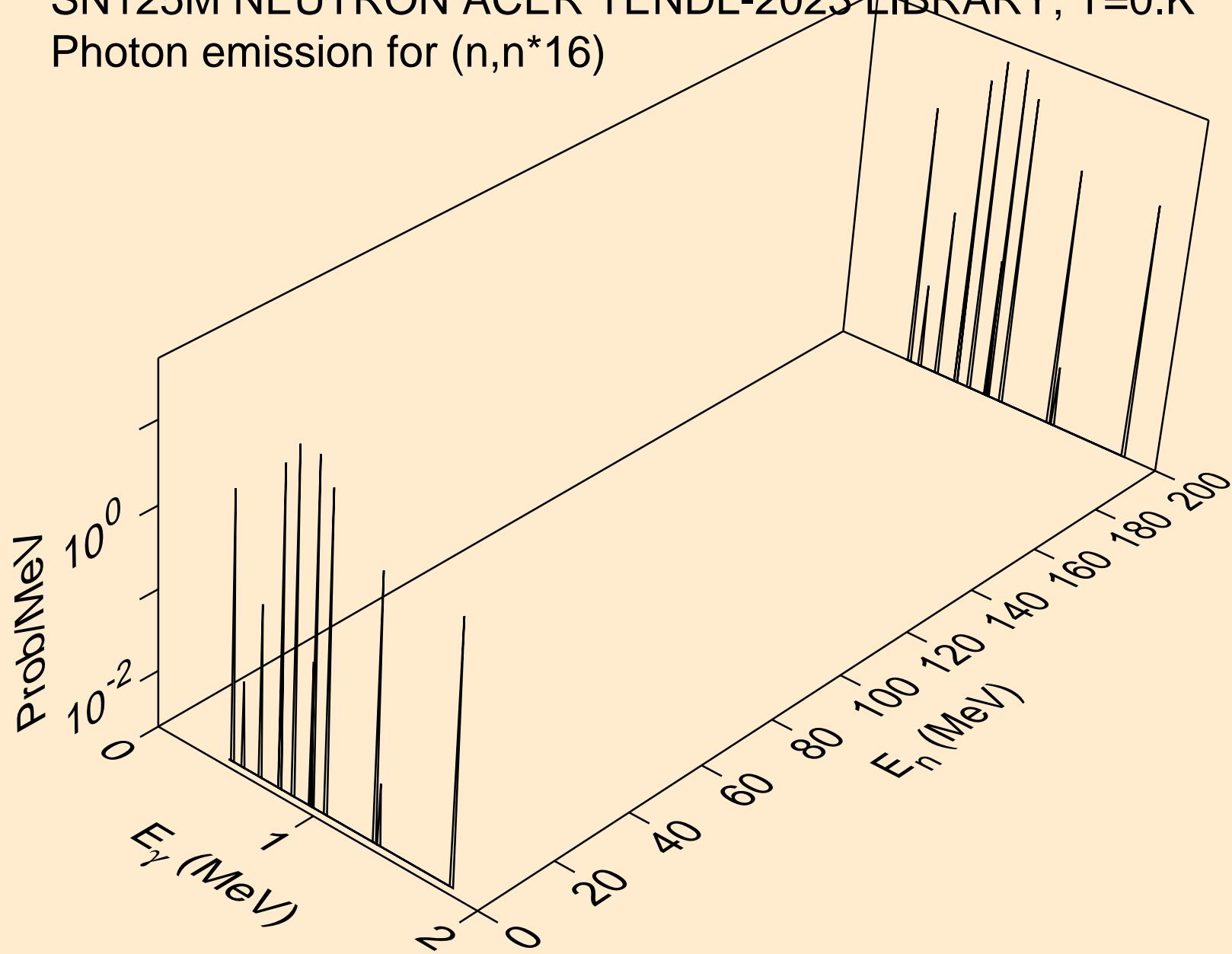
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Photon emission for (n,n\*14)



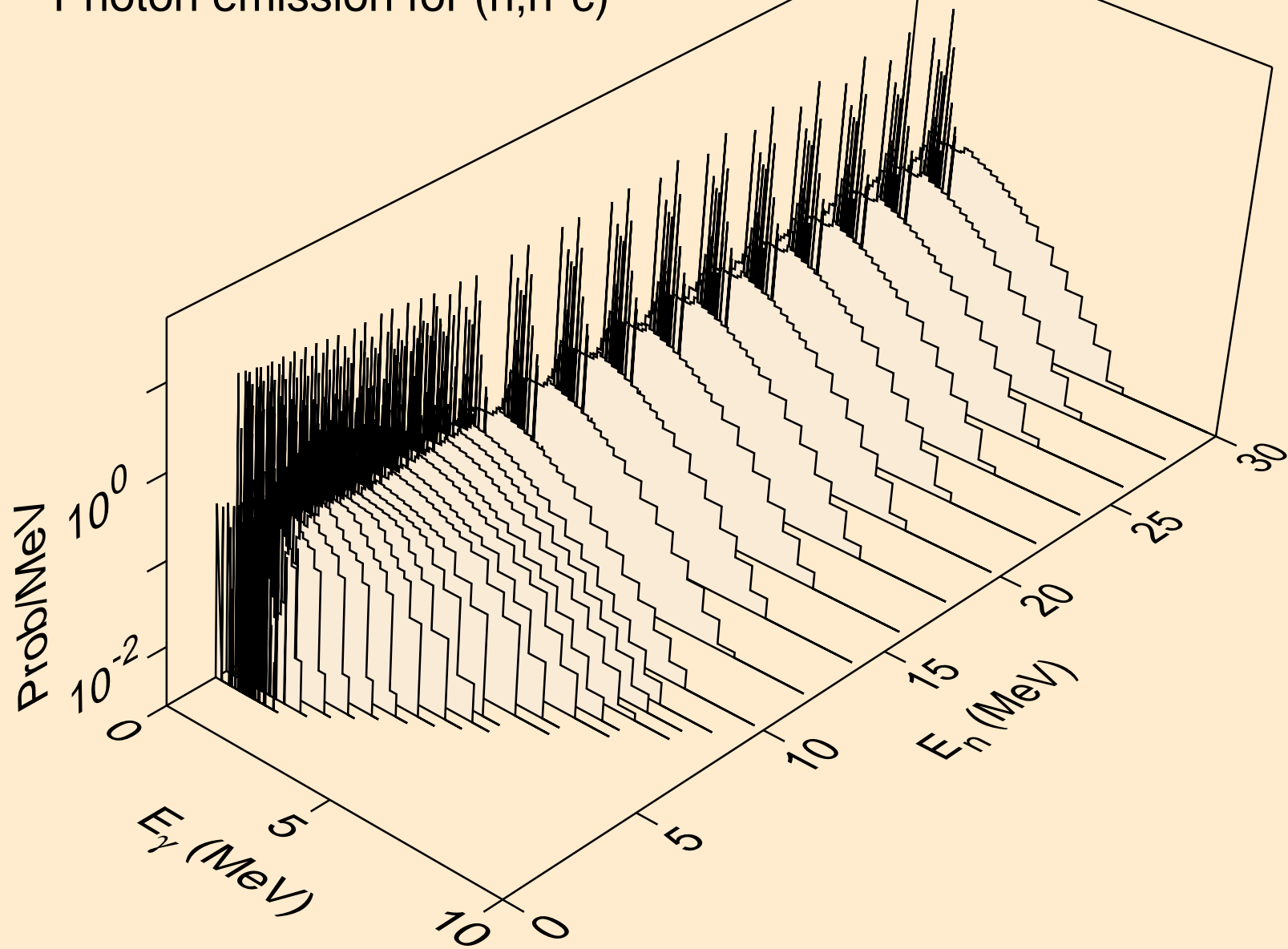
SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*15)



SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*16)

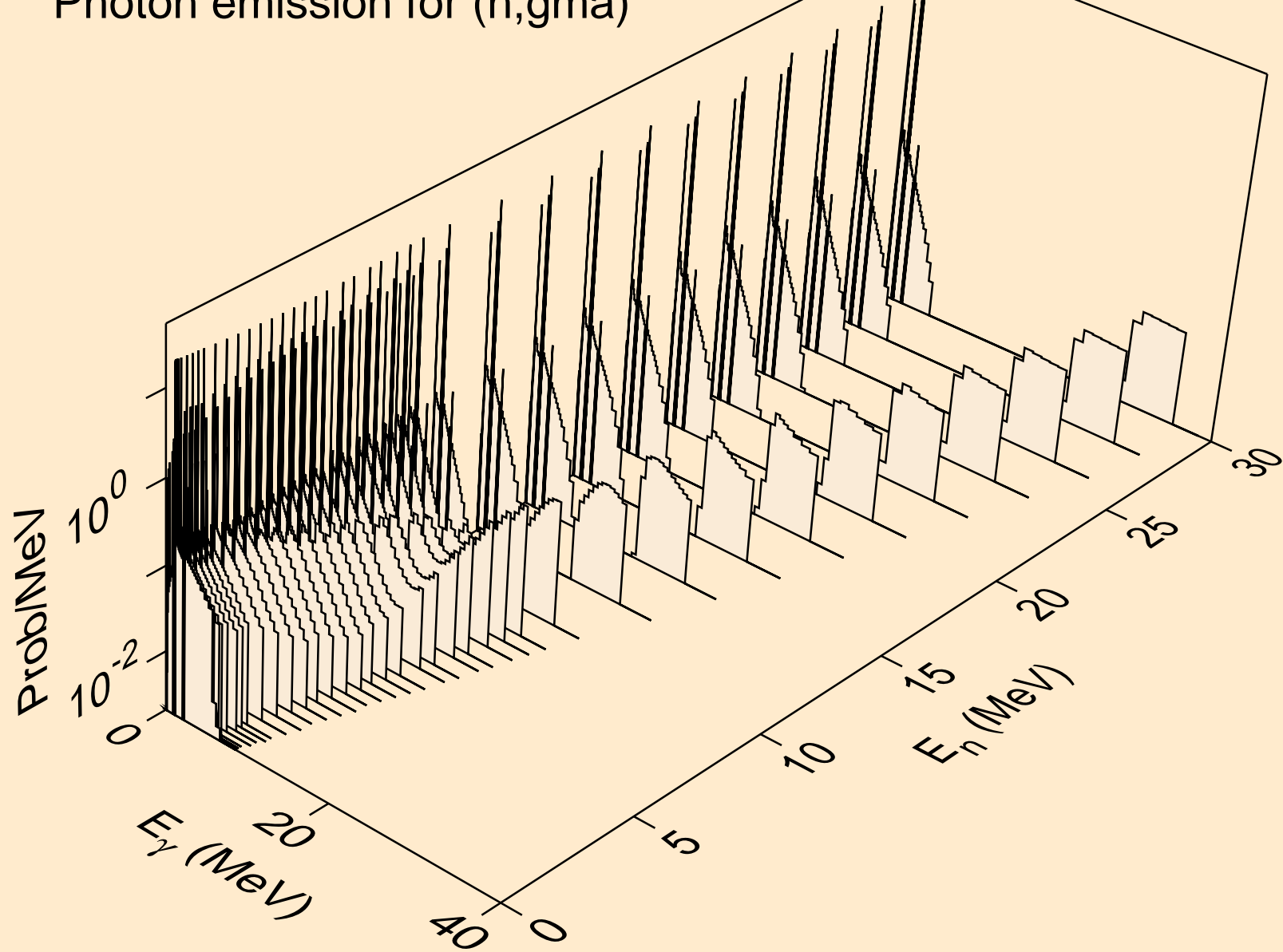


SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

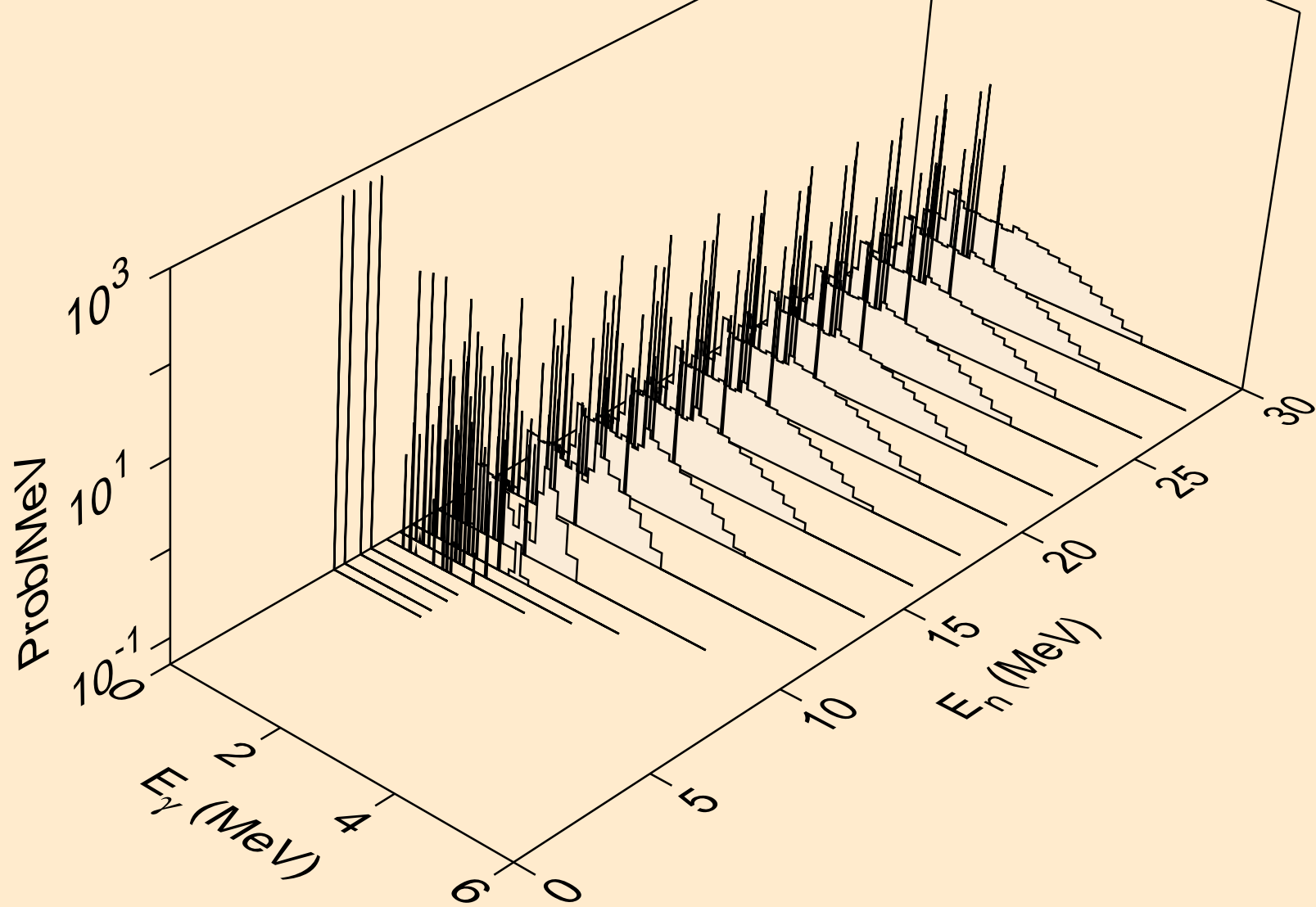




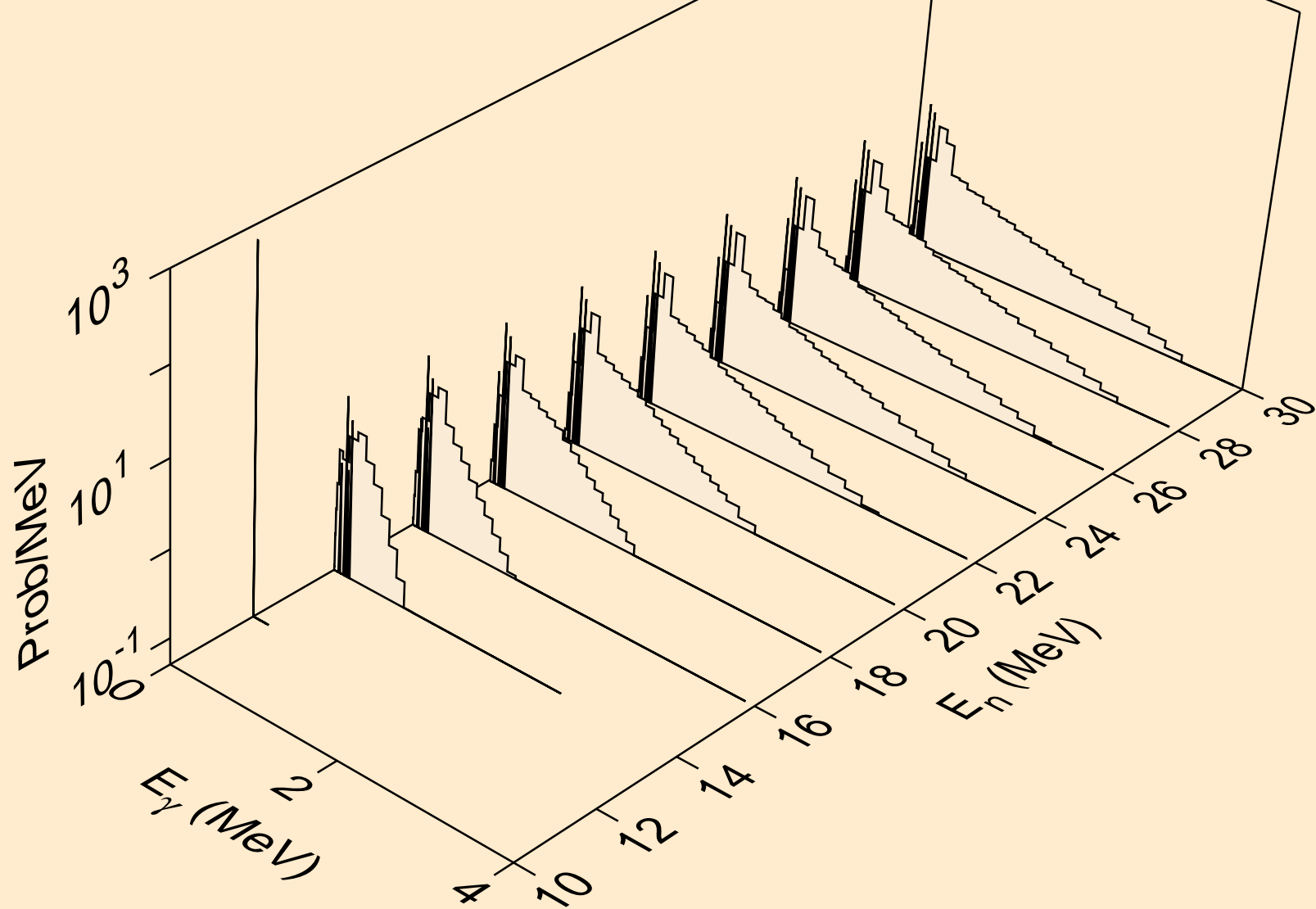
SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



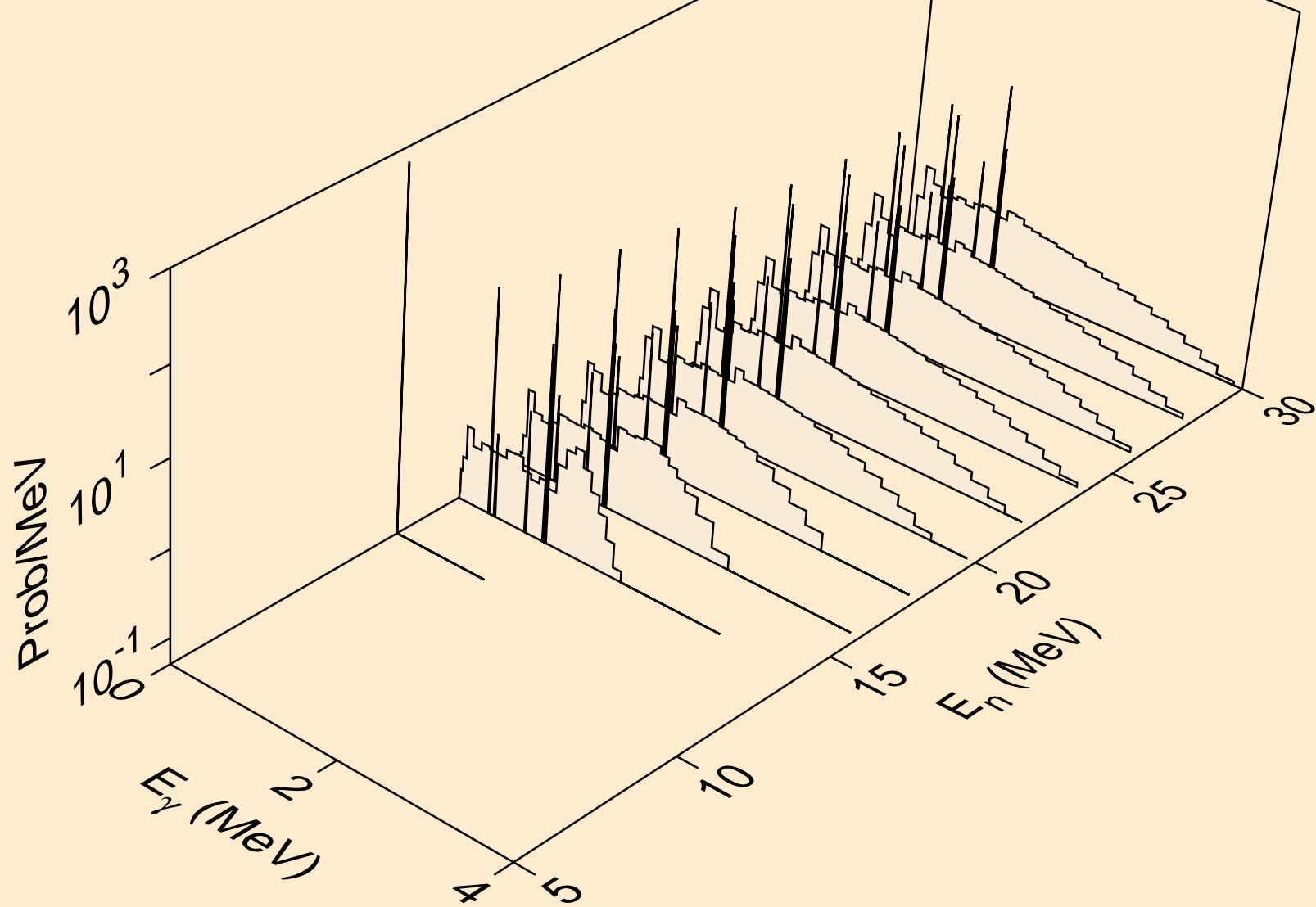
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Photon emission for (n,p)



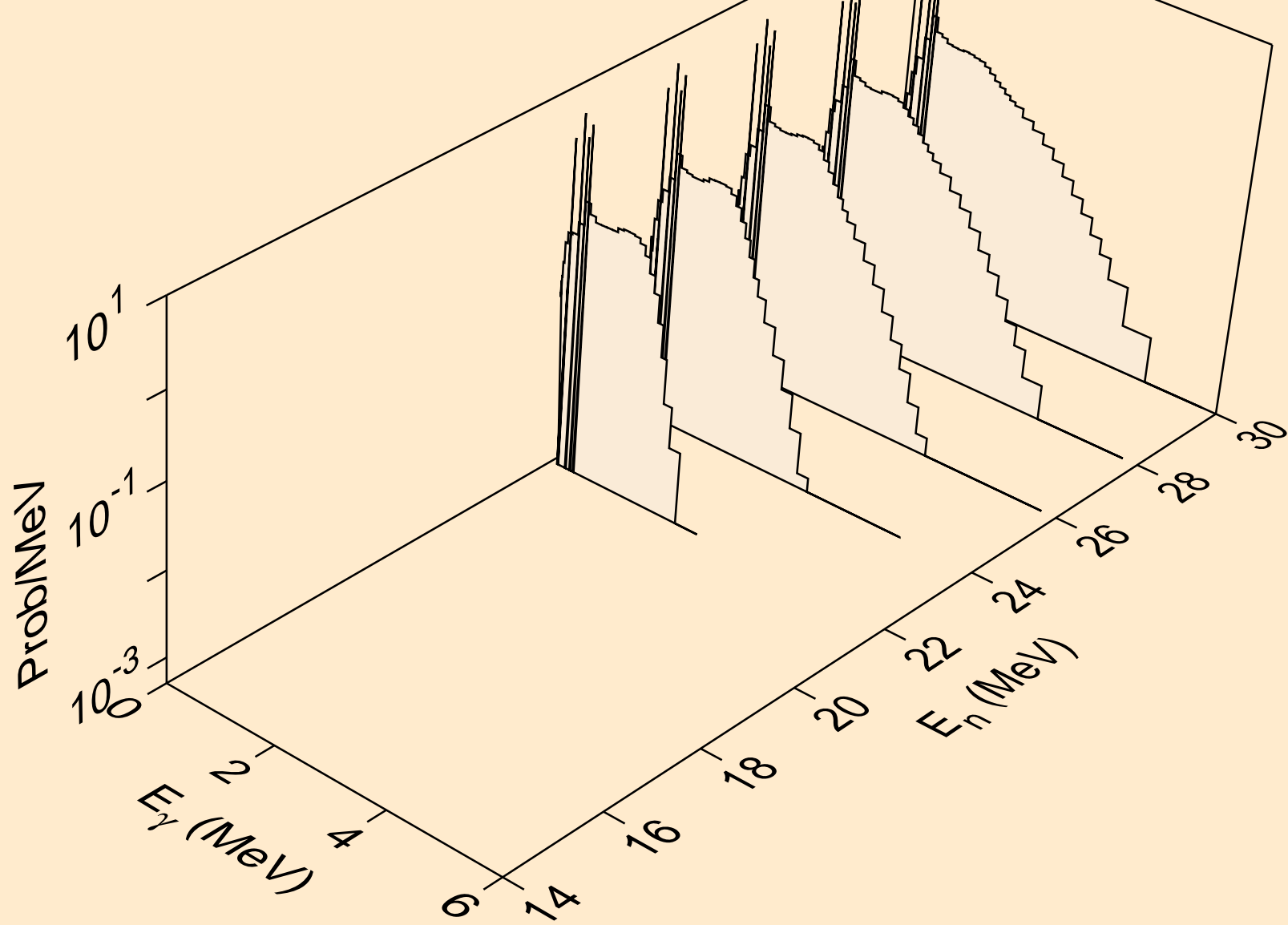
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Photon emission for (n,d)



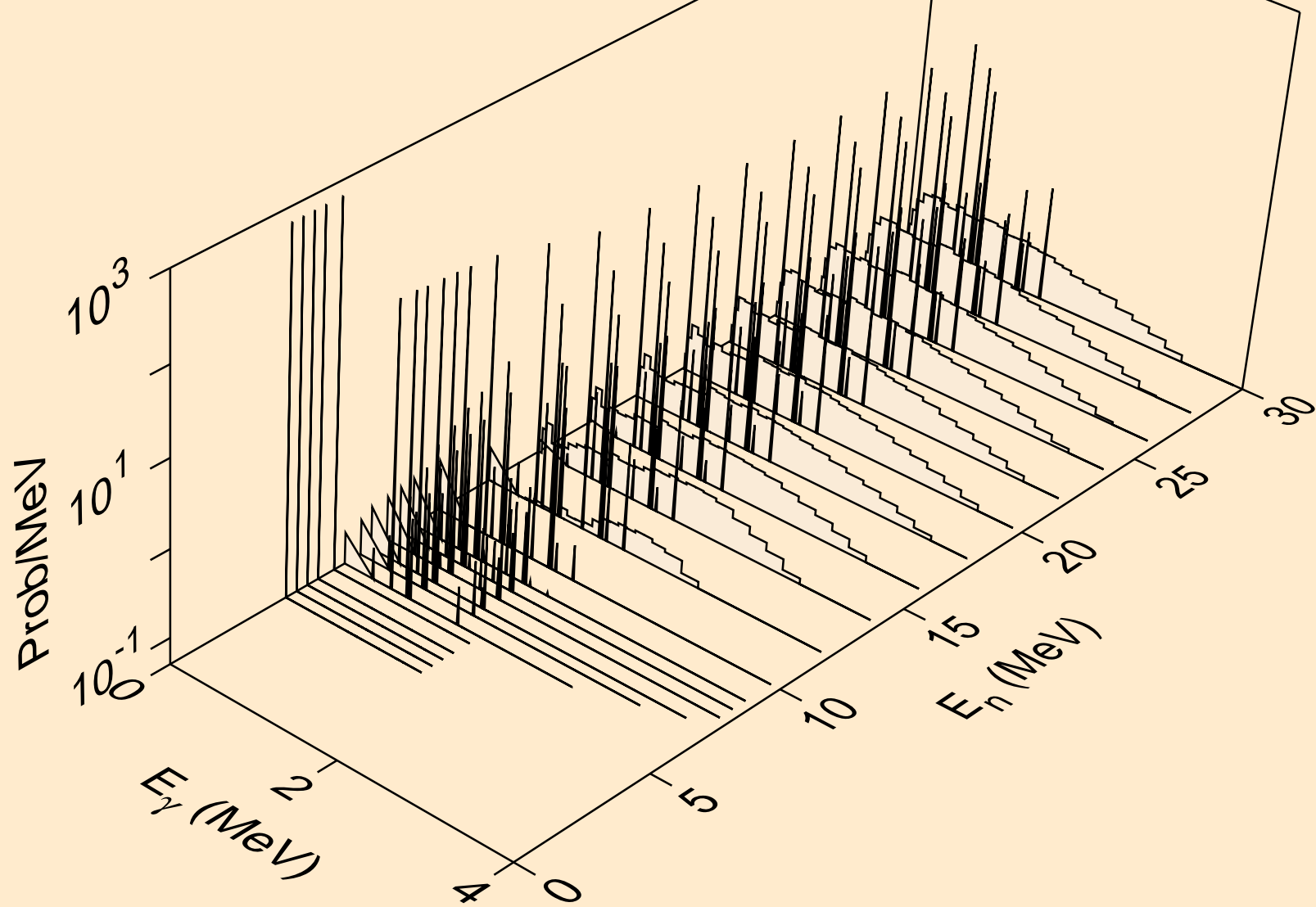
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Photon emission for (n,t)



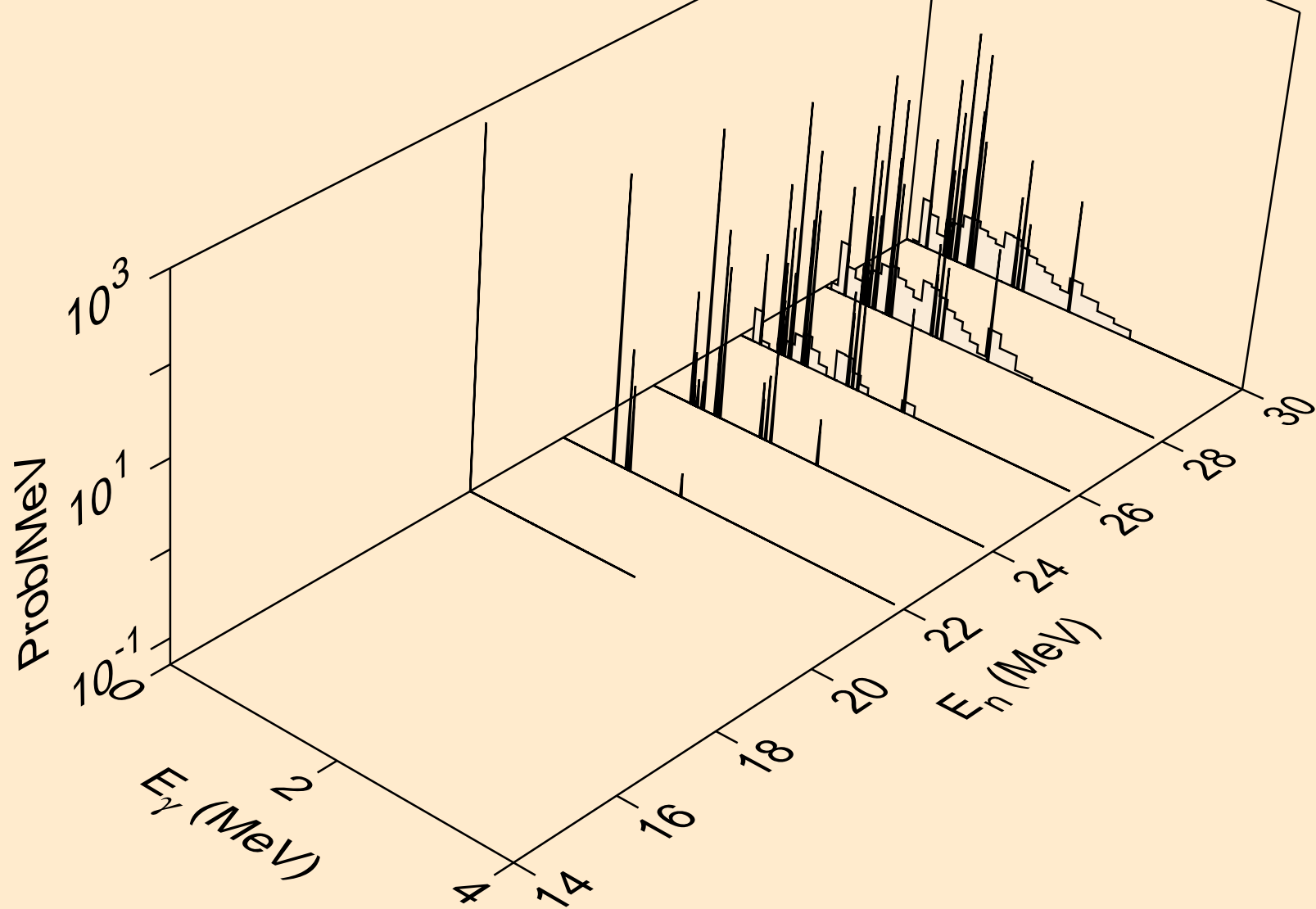
SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



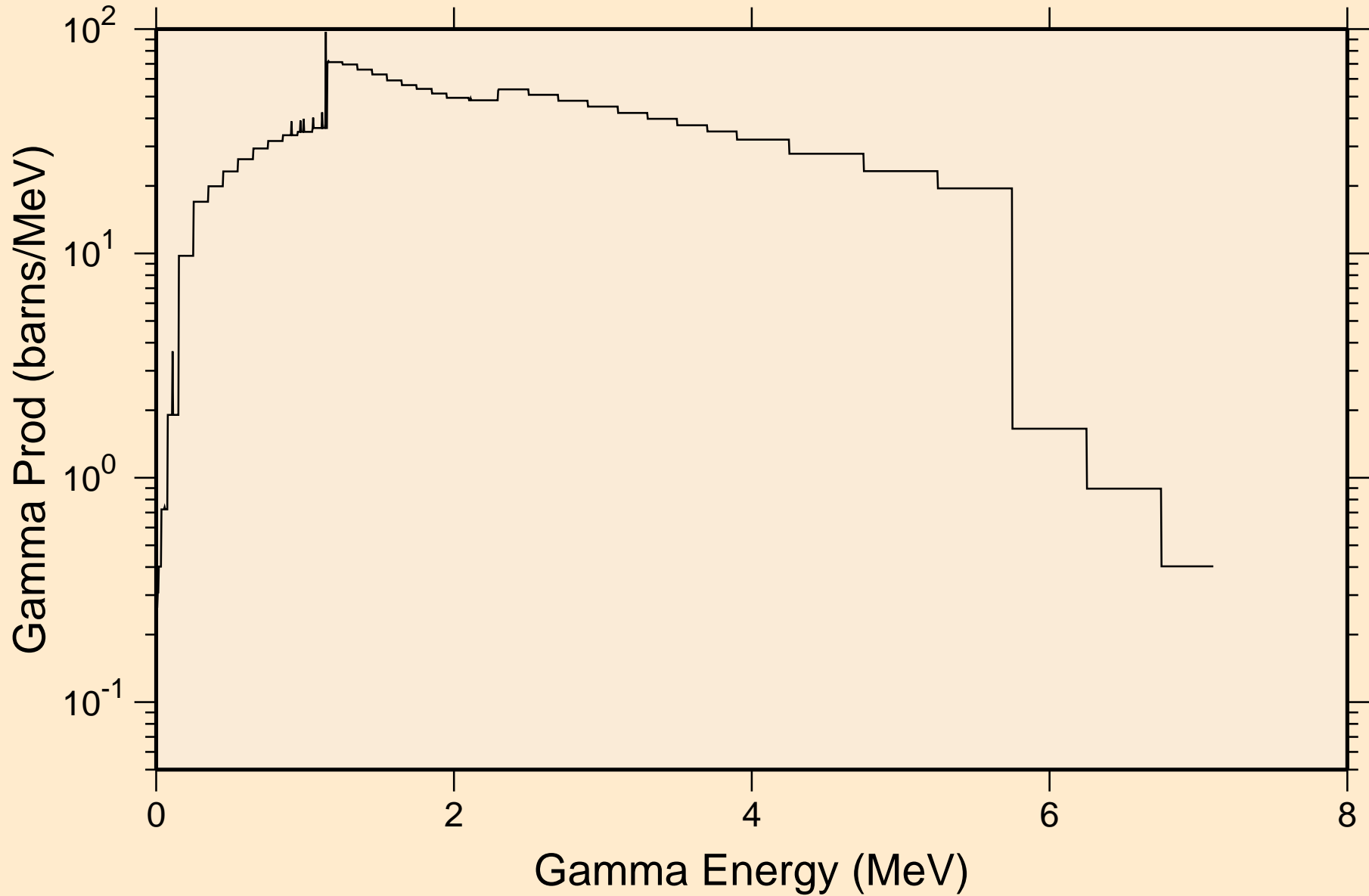
SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

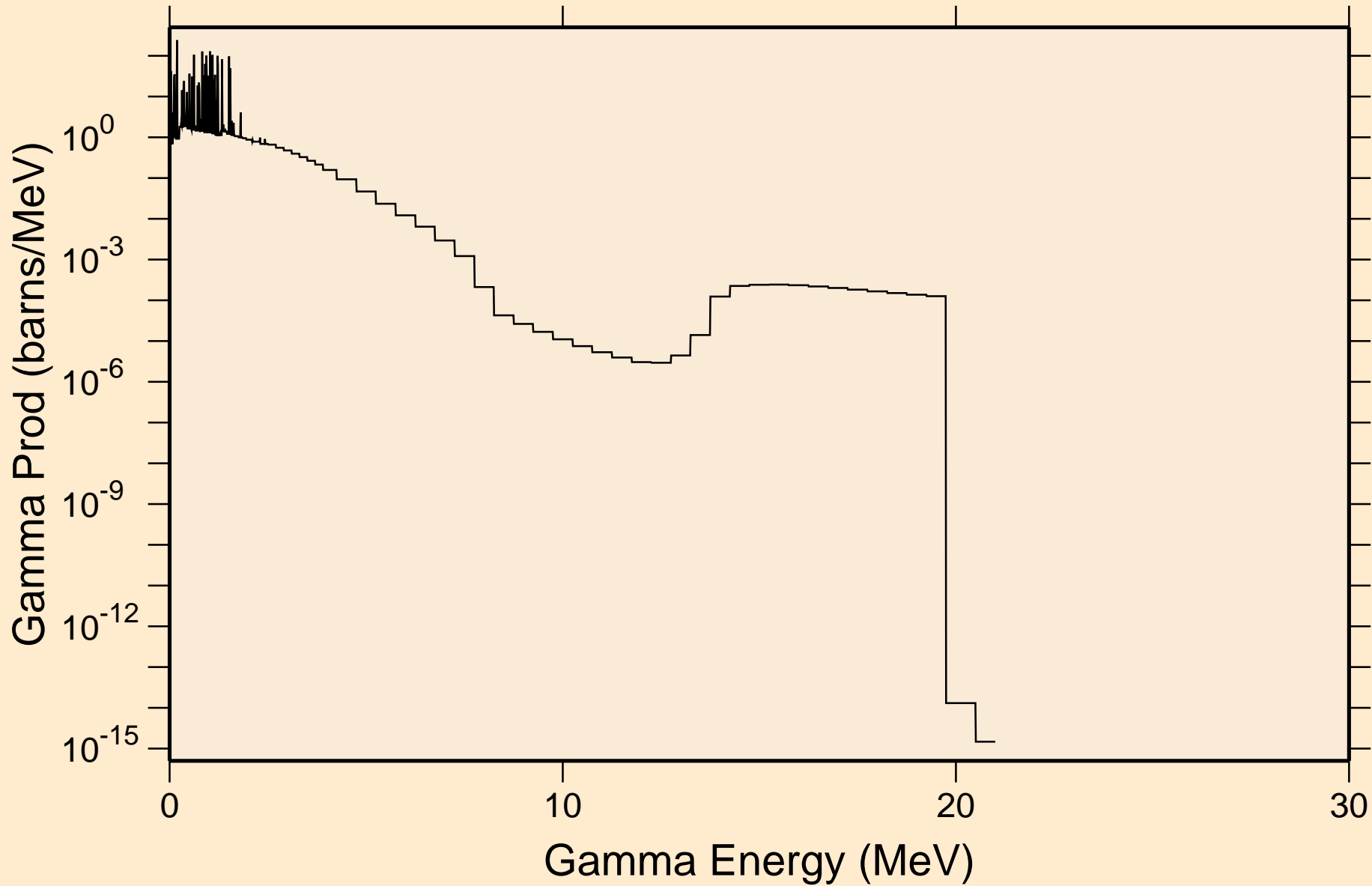


SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



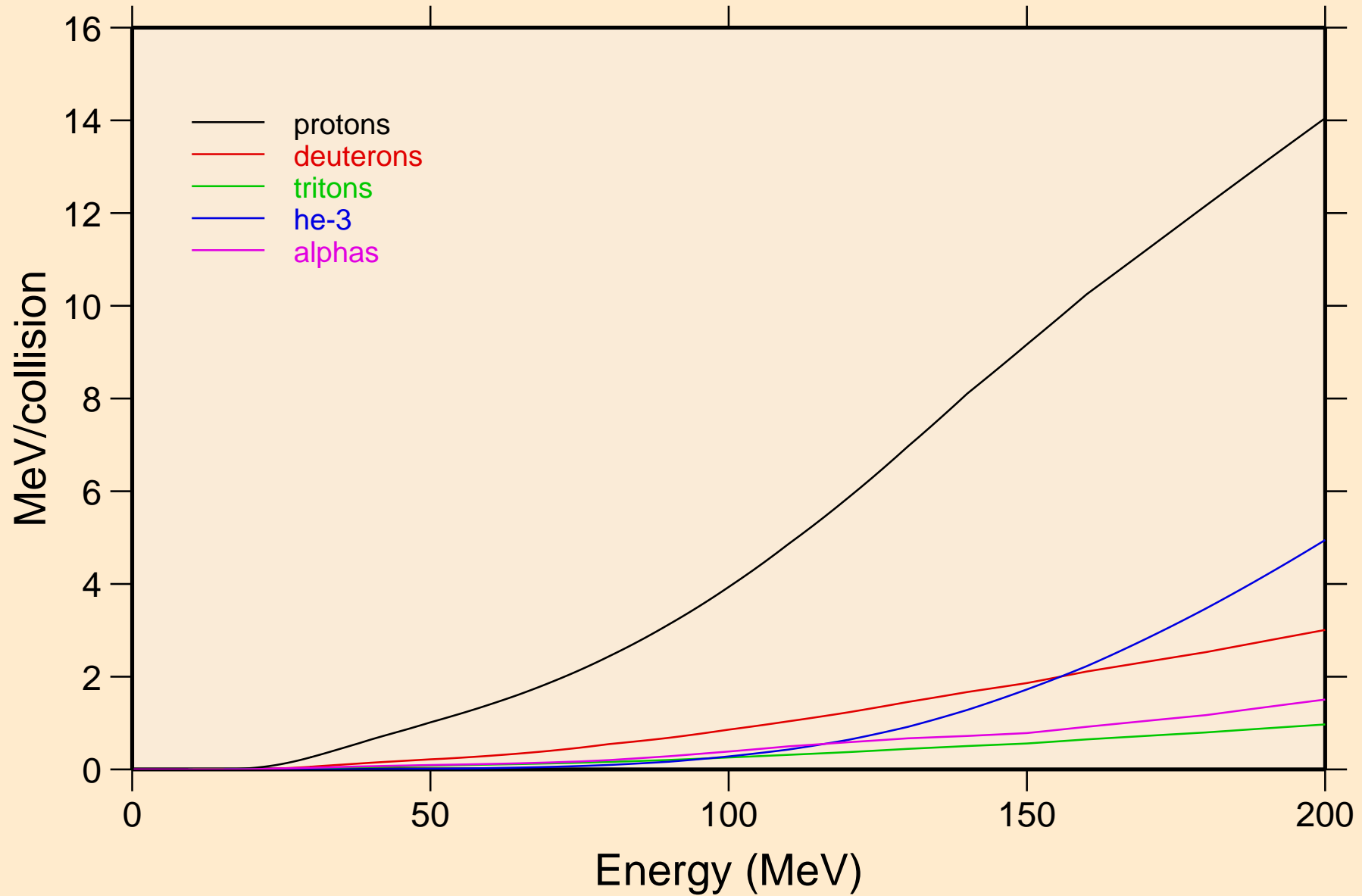


SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



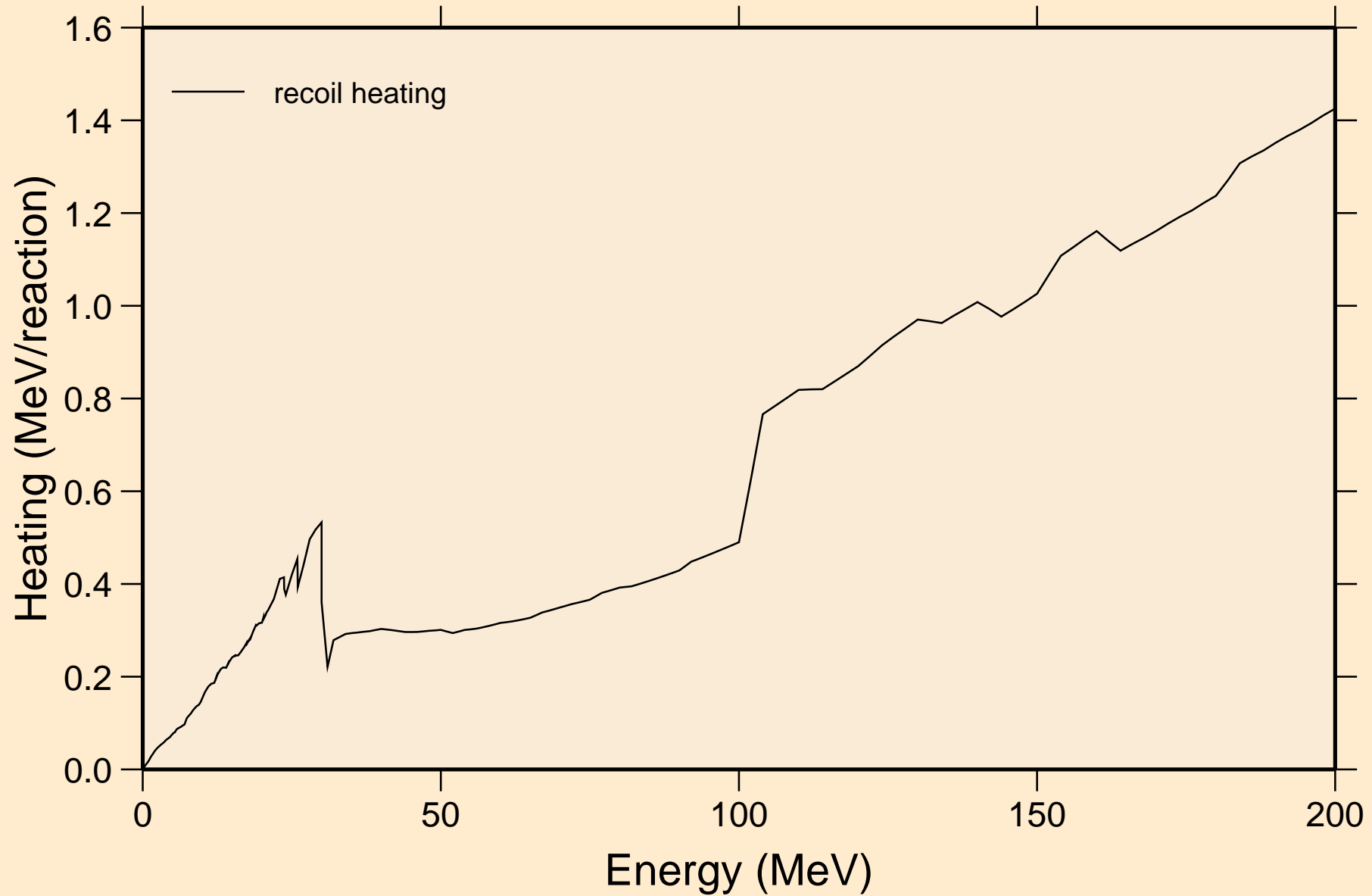
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## Particle heating contributions



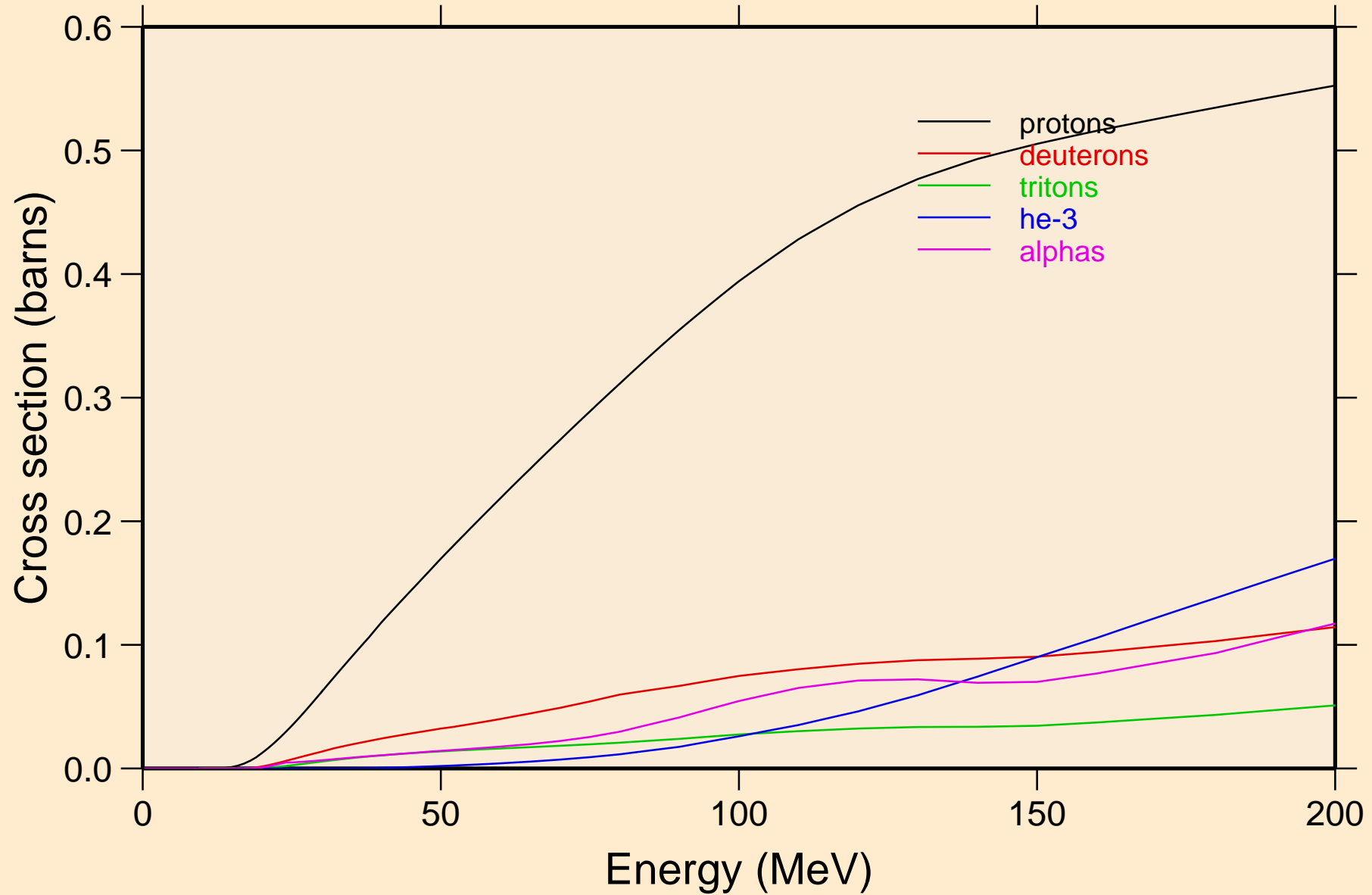
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## Recoil Heating

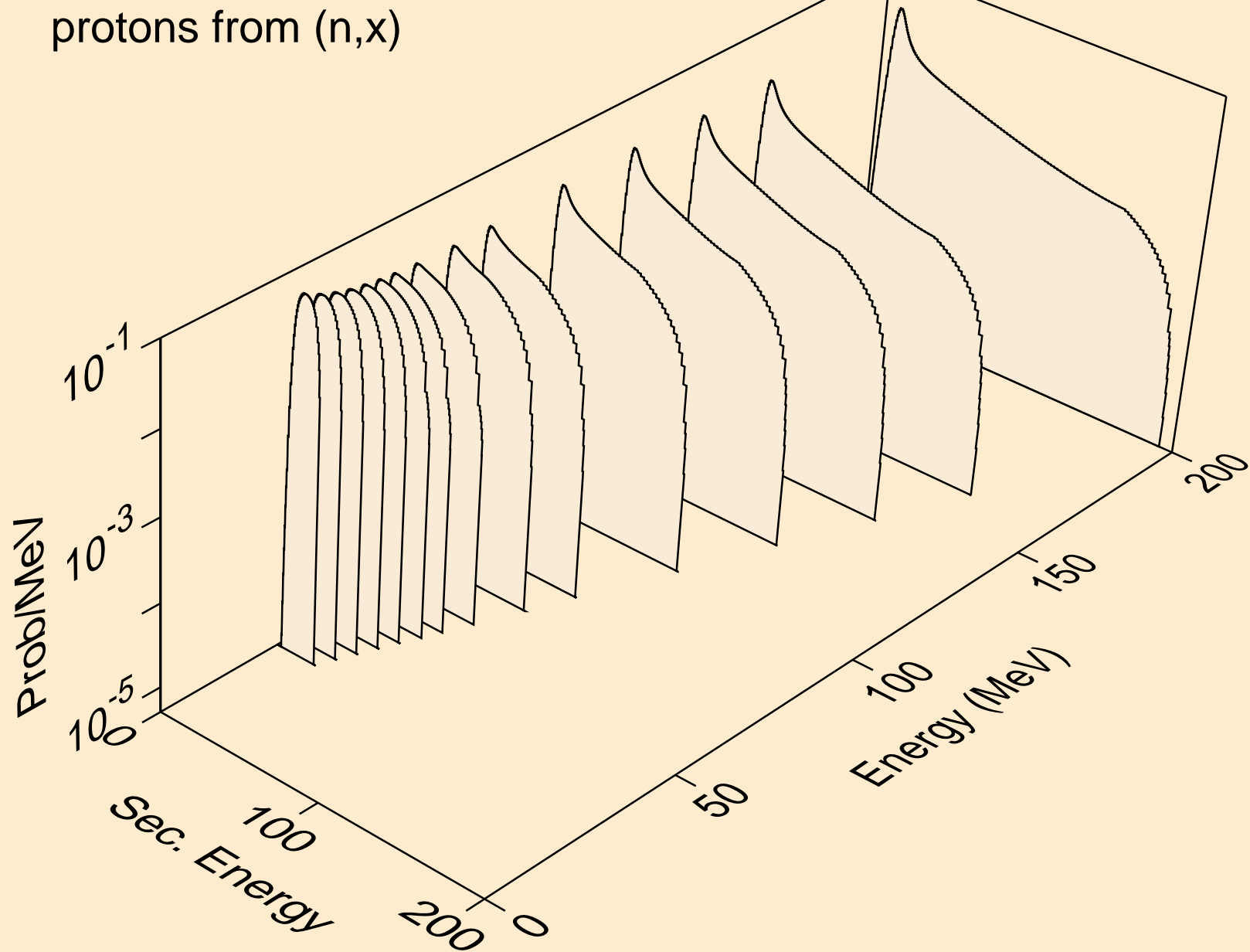


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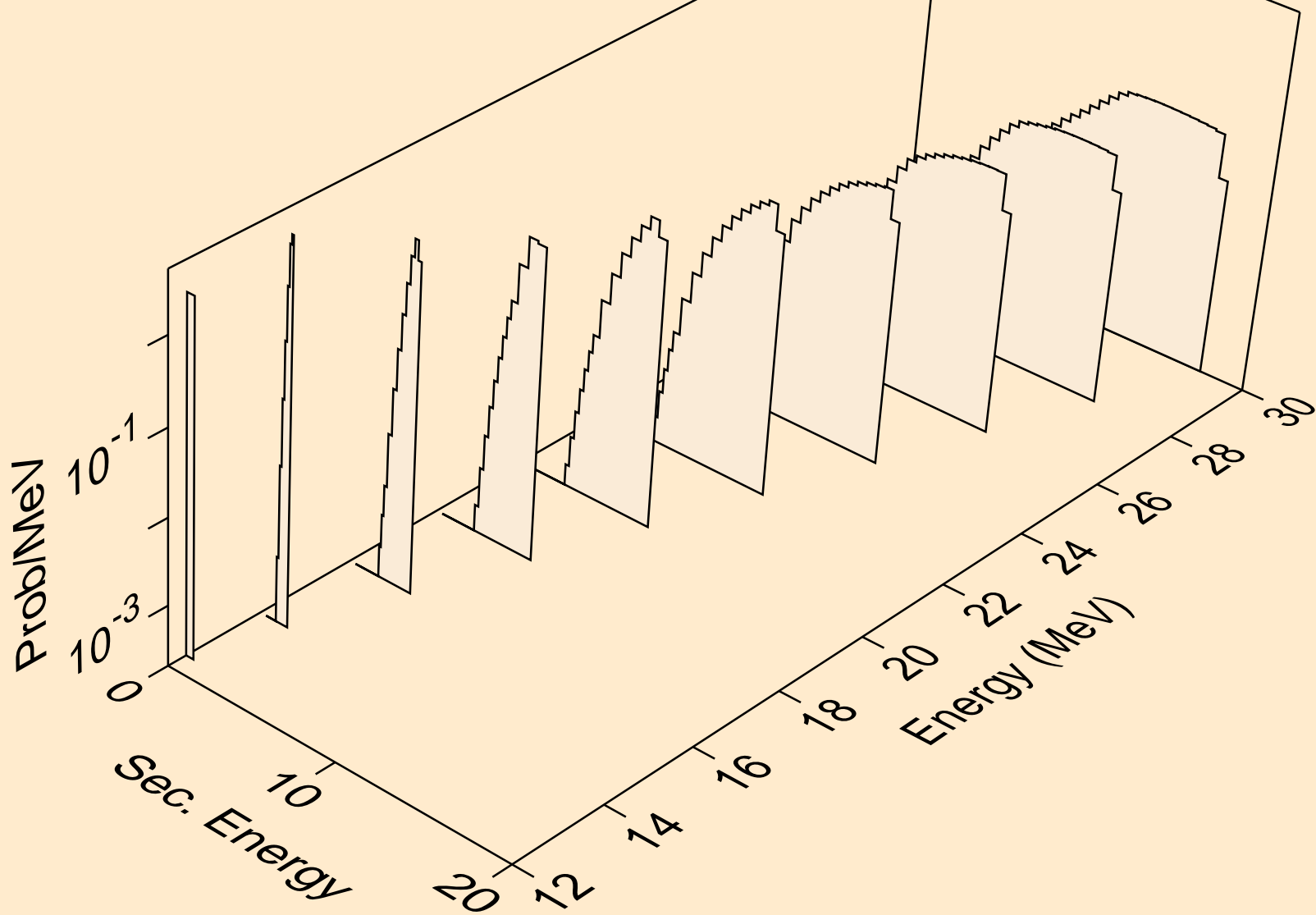
## Particle production cross sections



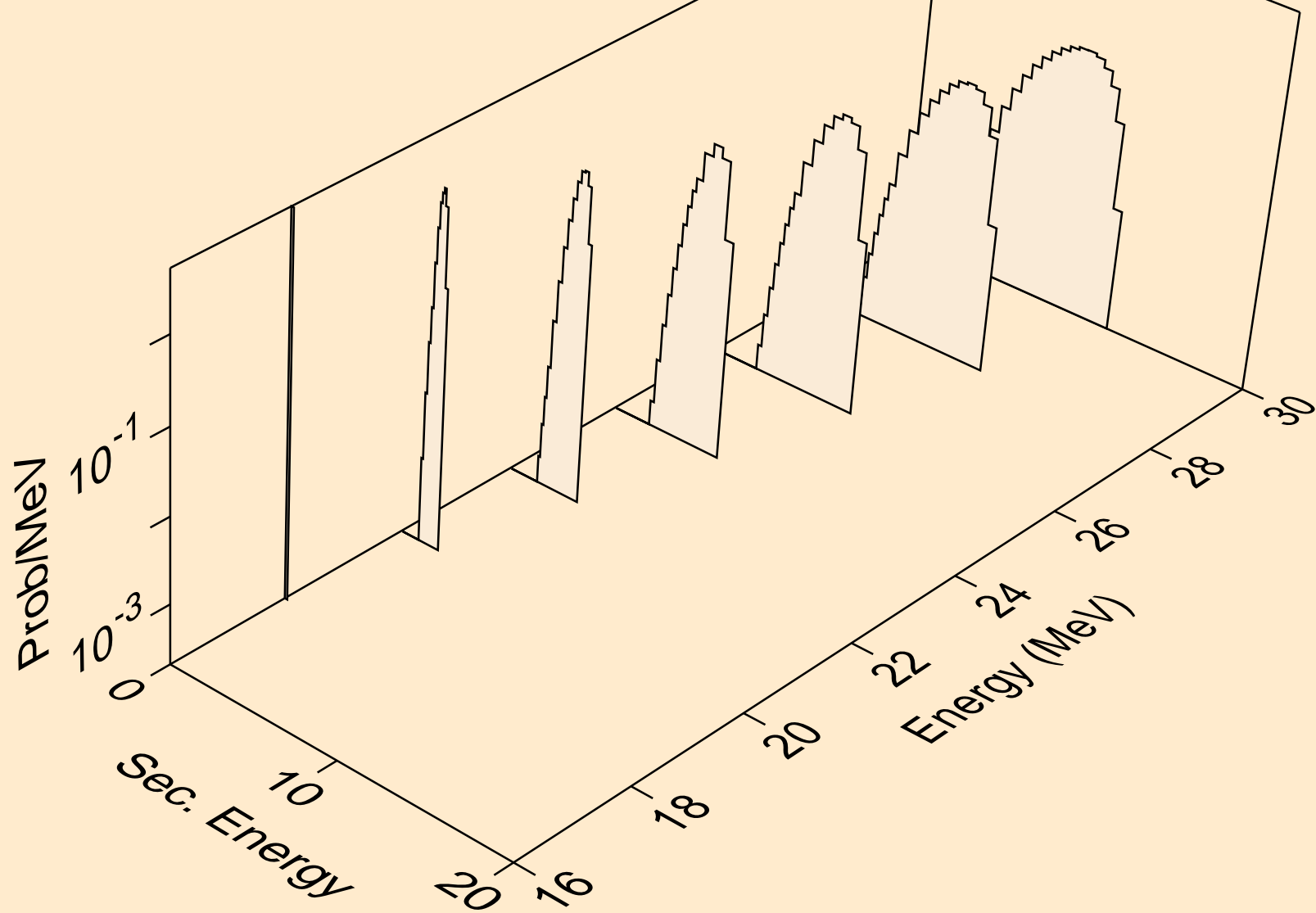
SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



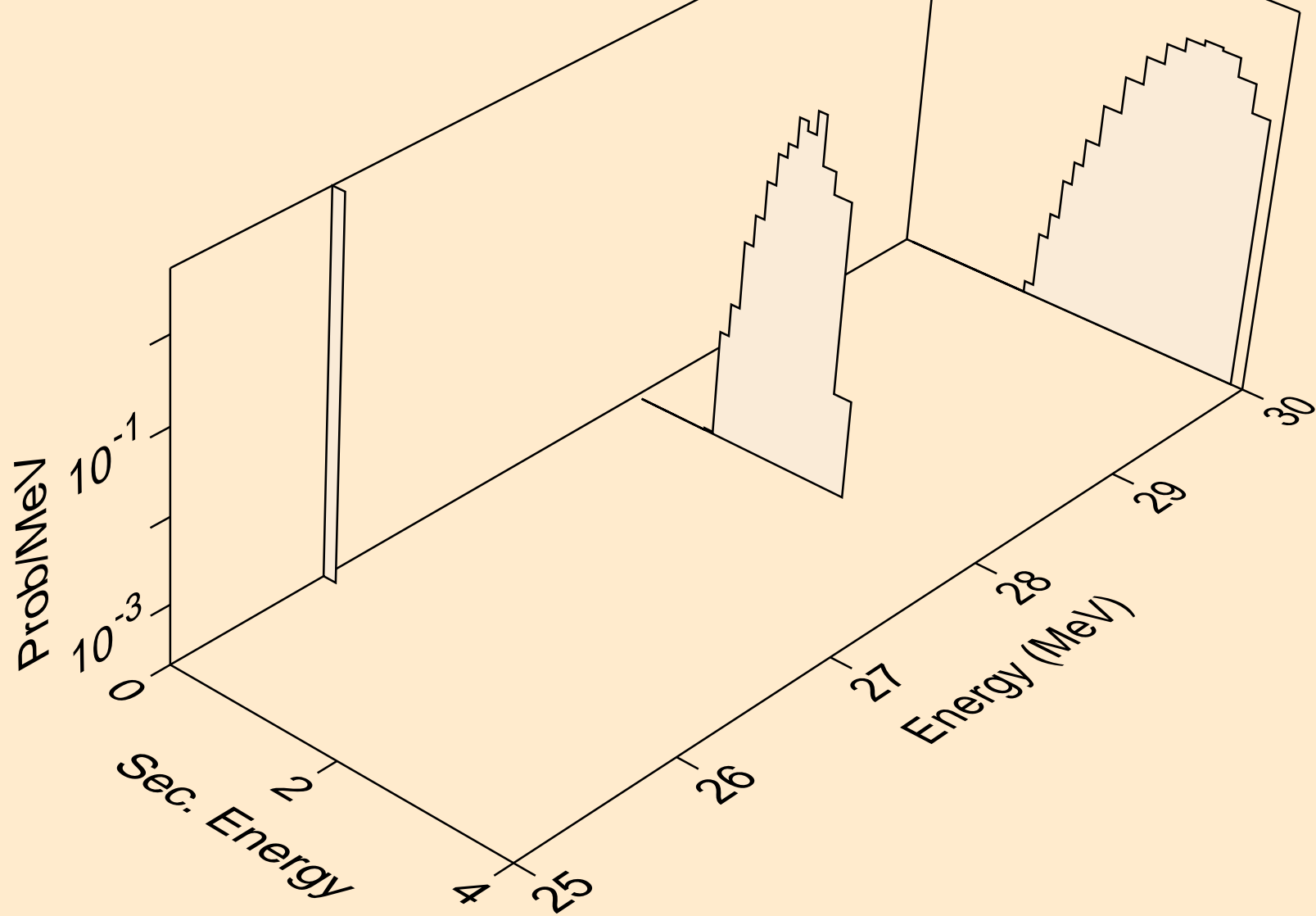
SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)

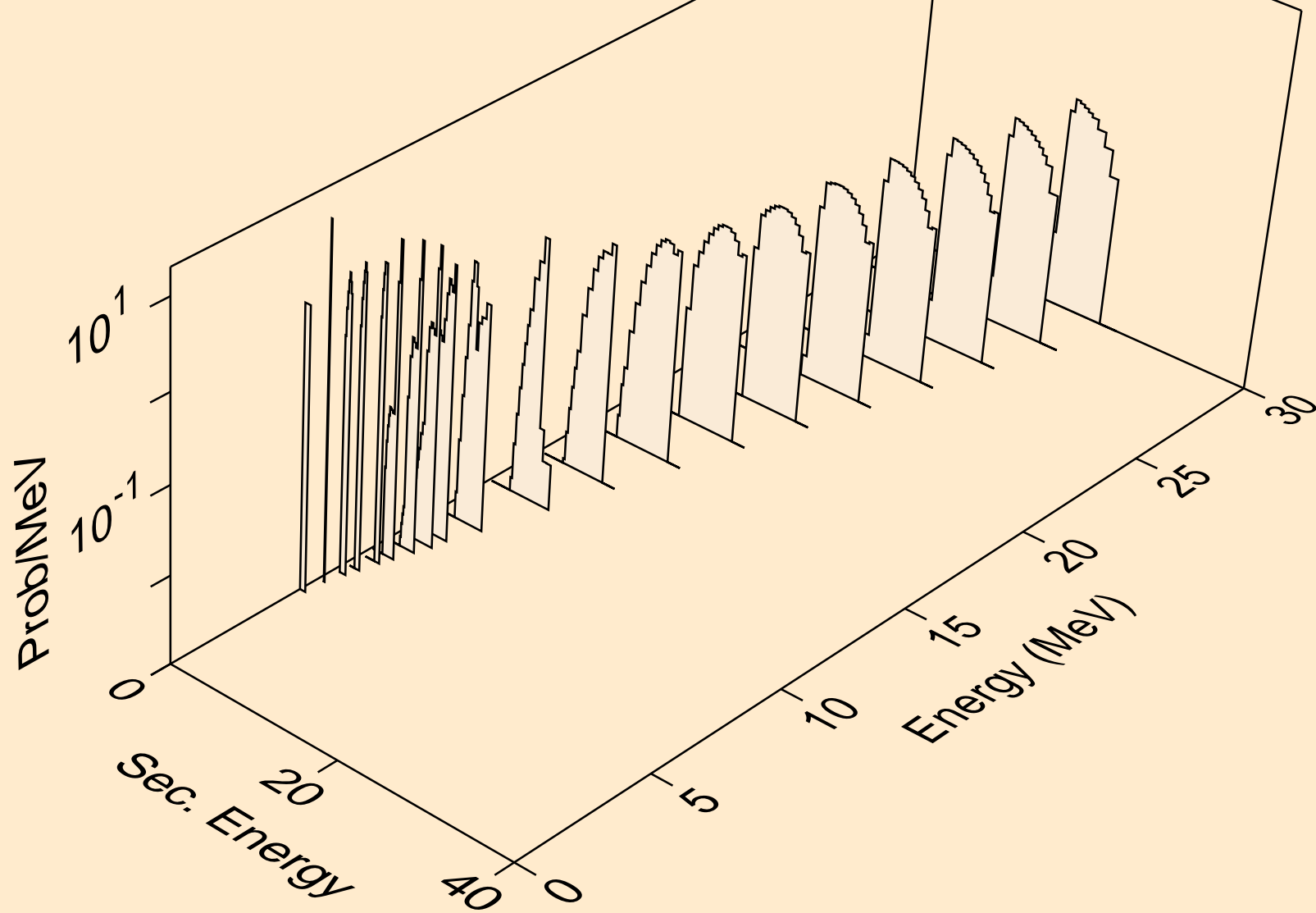


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protons from (n,3np)

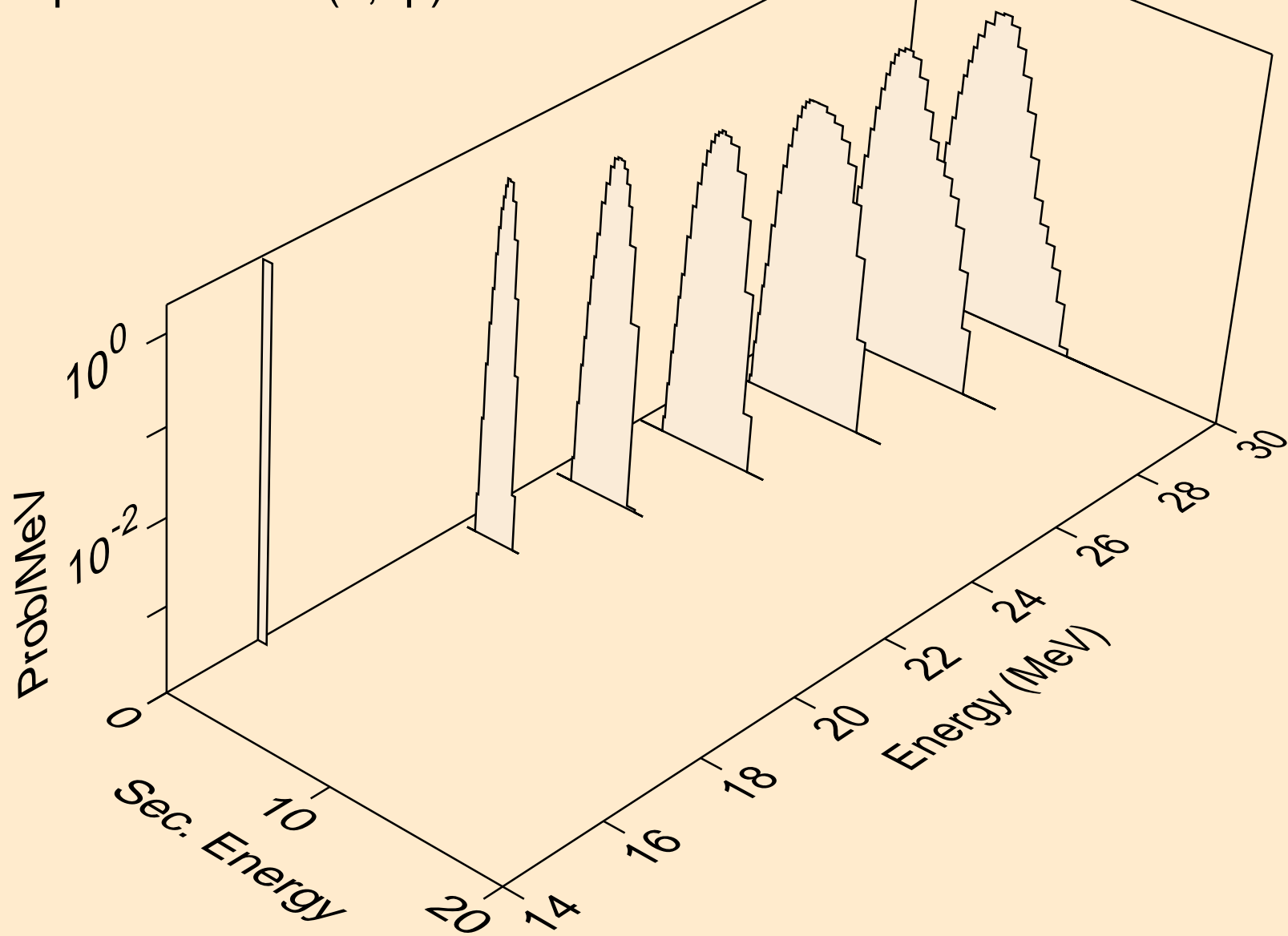




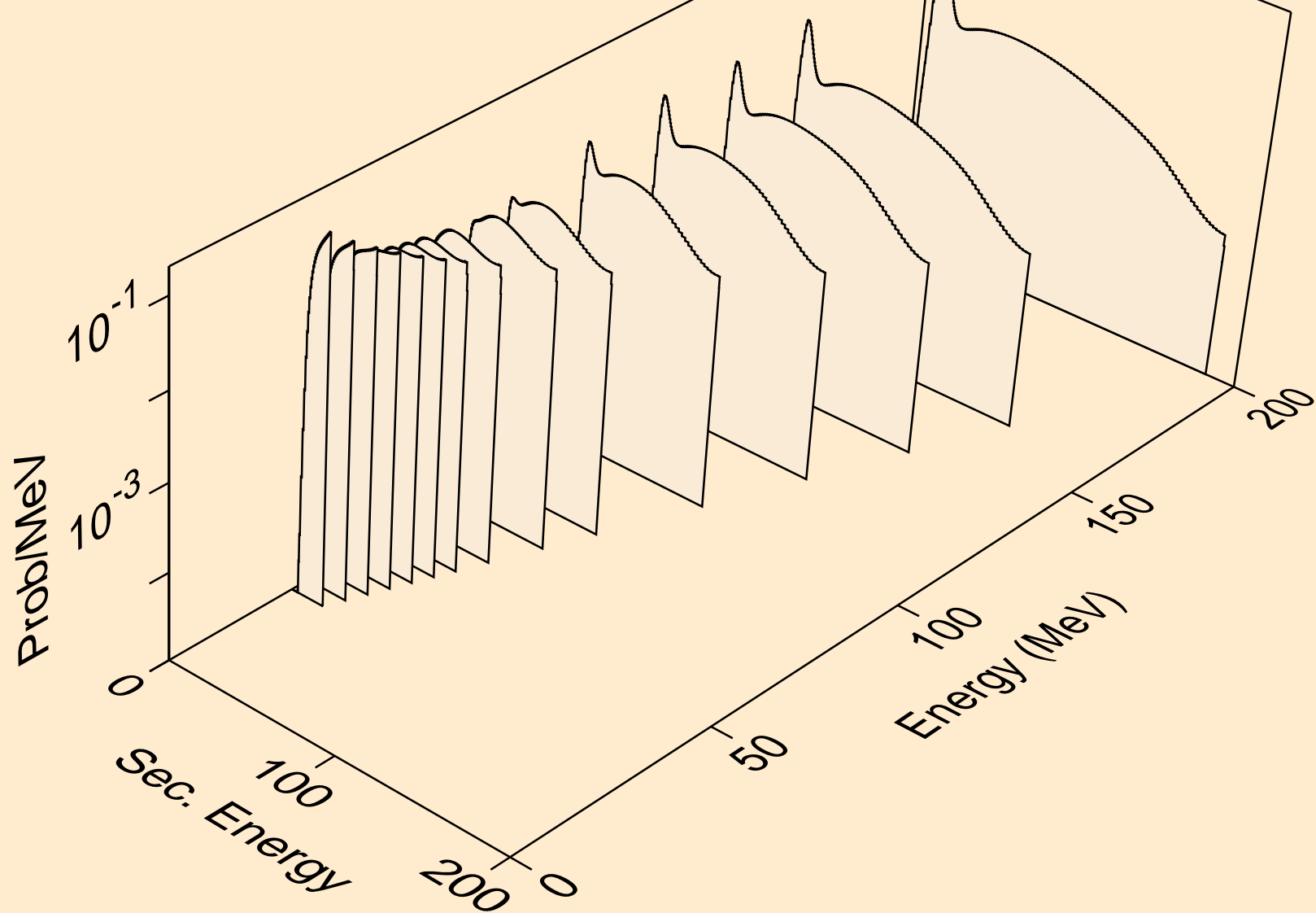
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protons from (n,p)



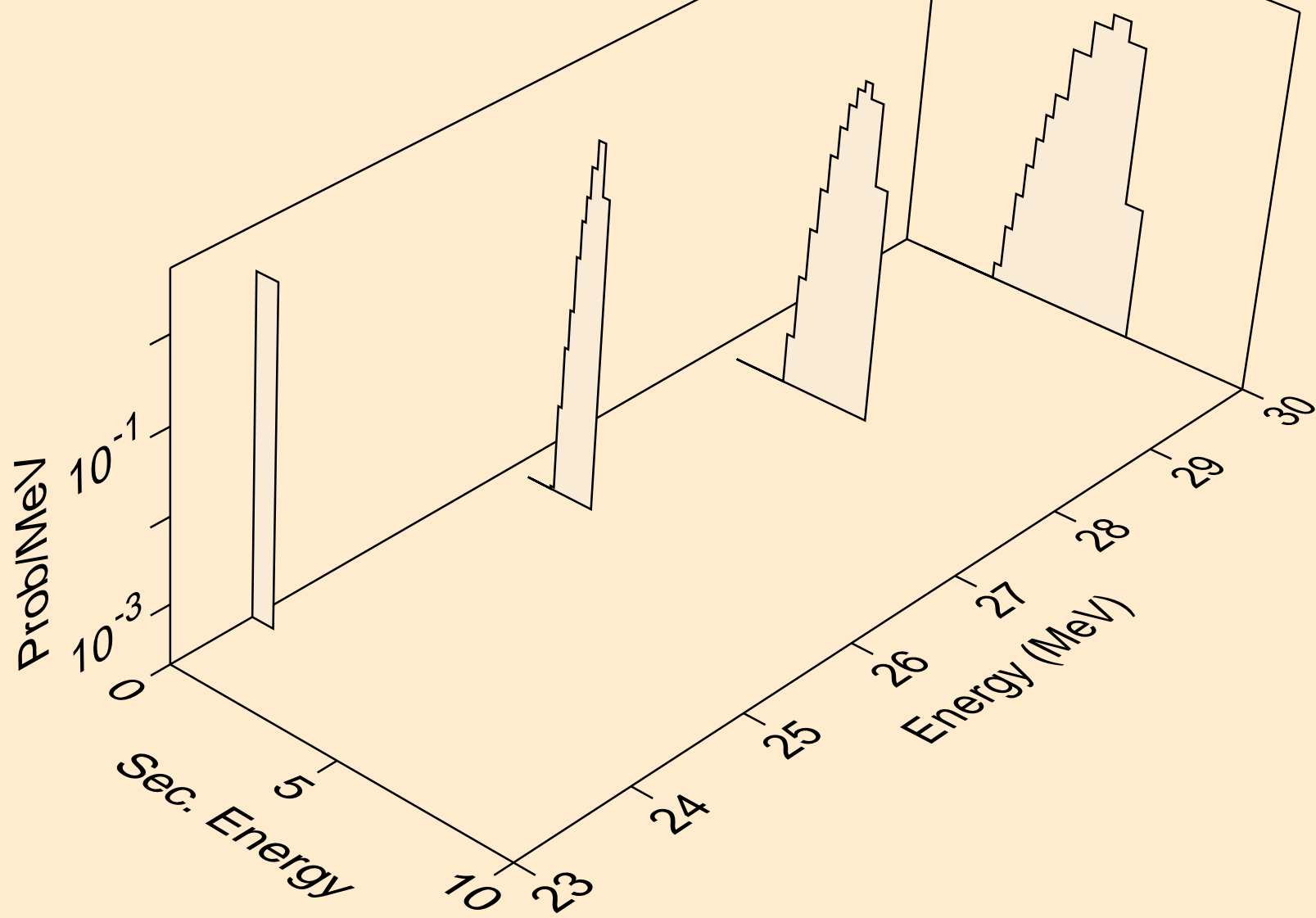
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protons from (n,2p)



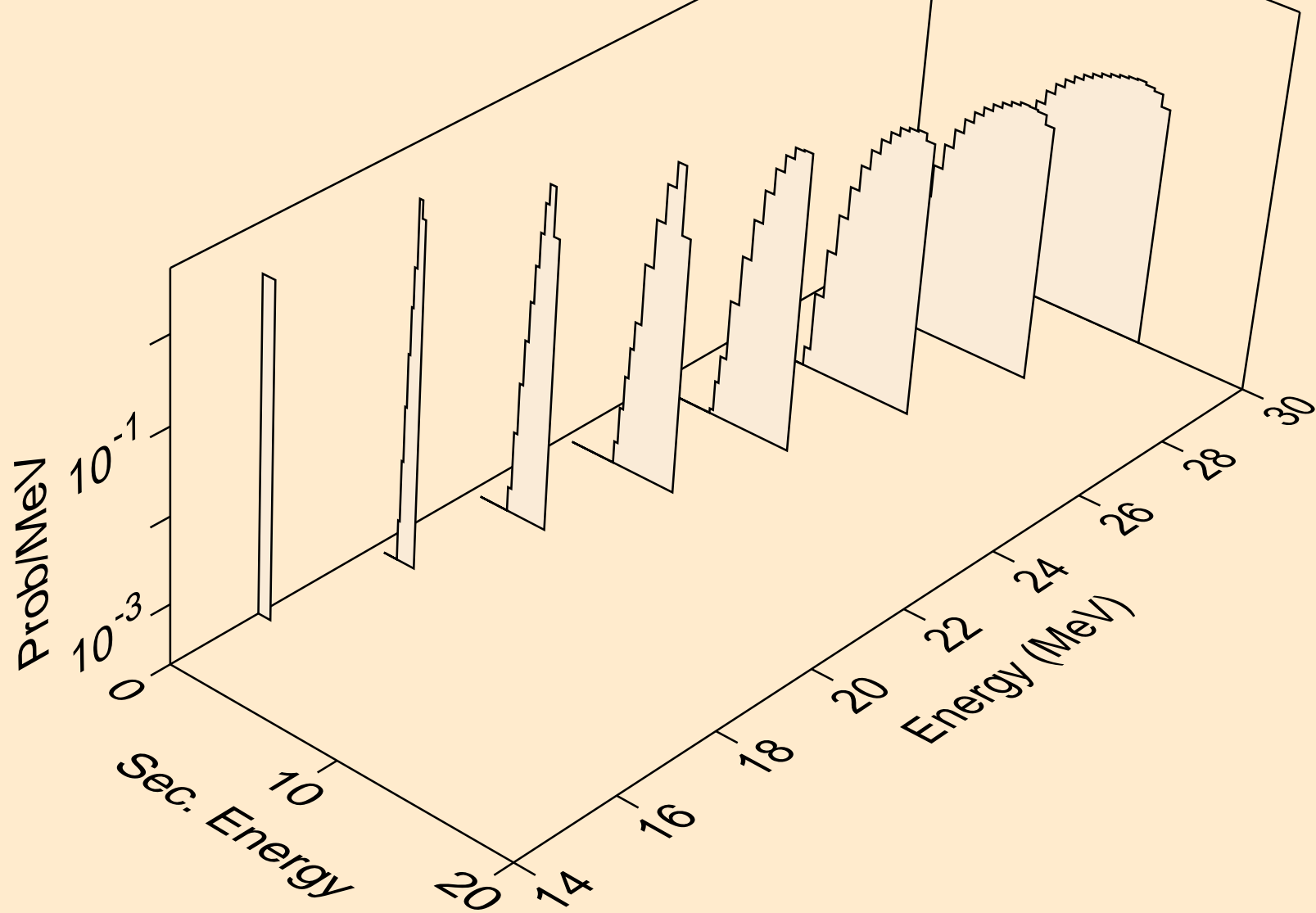
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deuterons from (n,x)



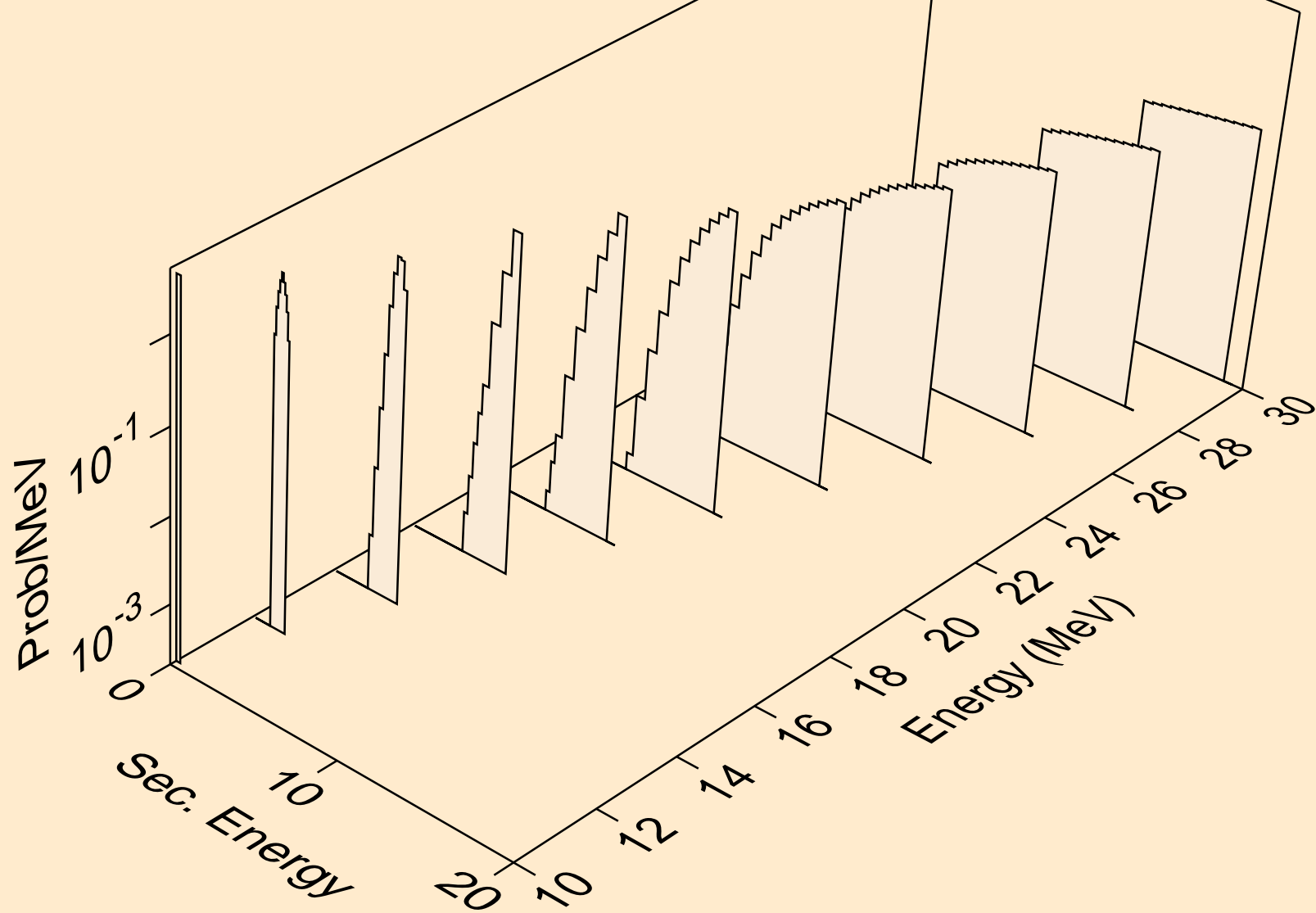
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deuterons from (n,2nd)



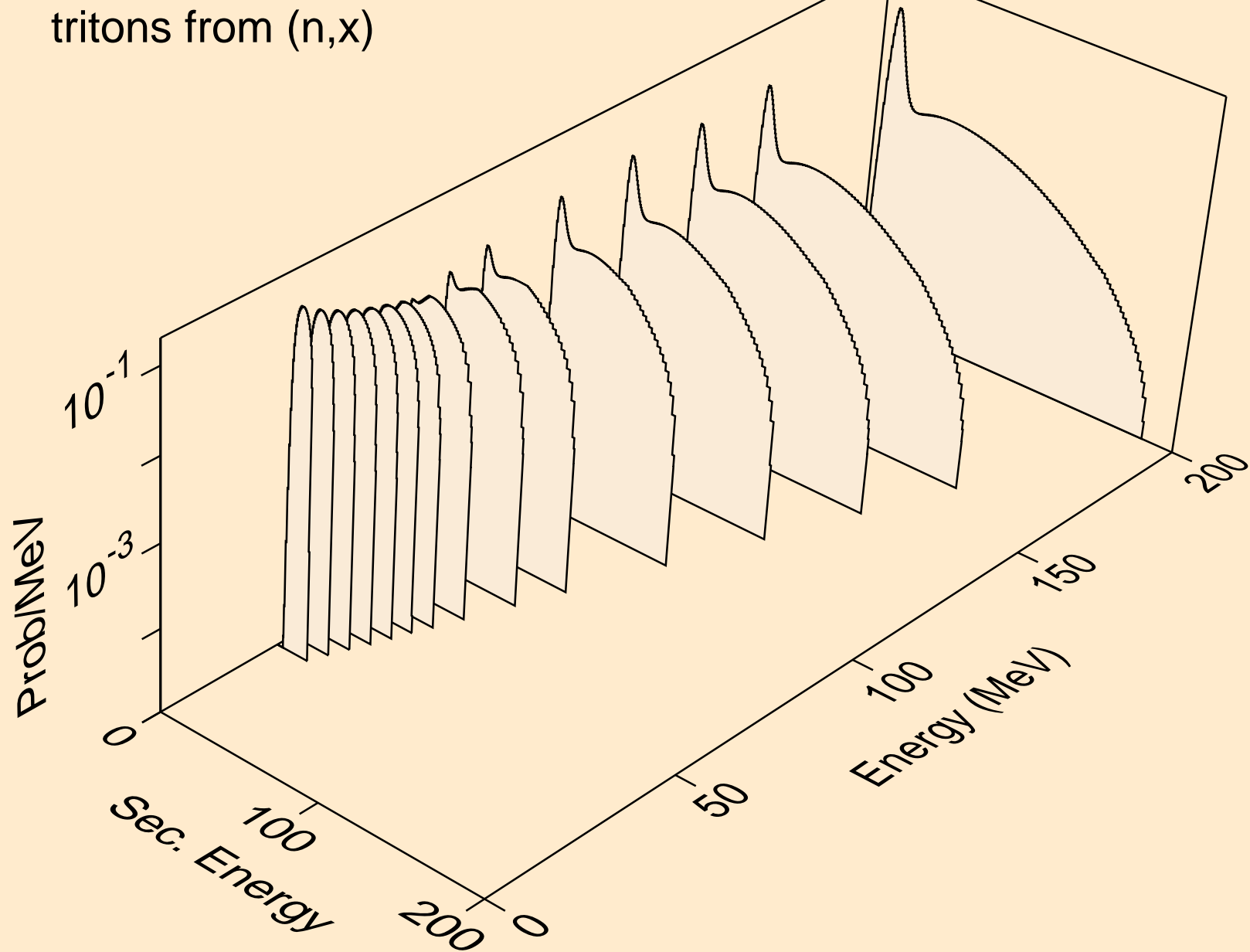
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deuterons from (n,n\*)d



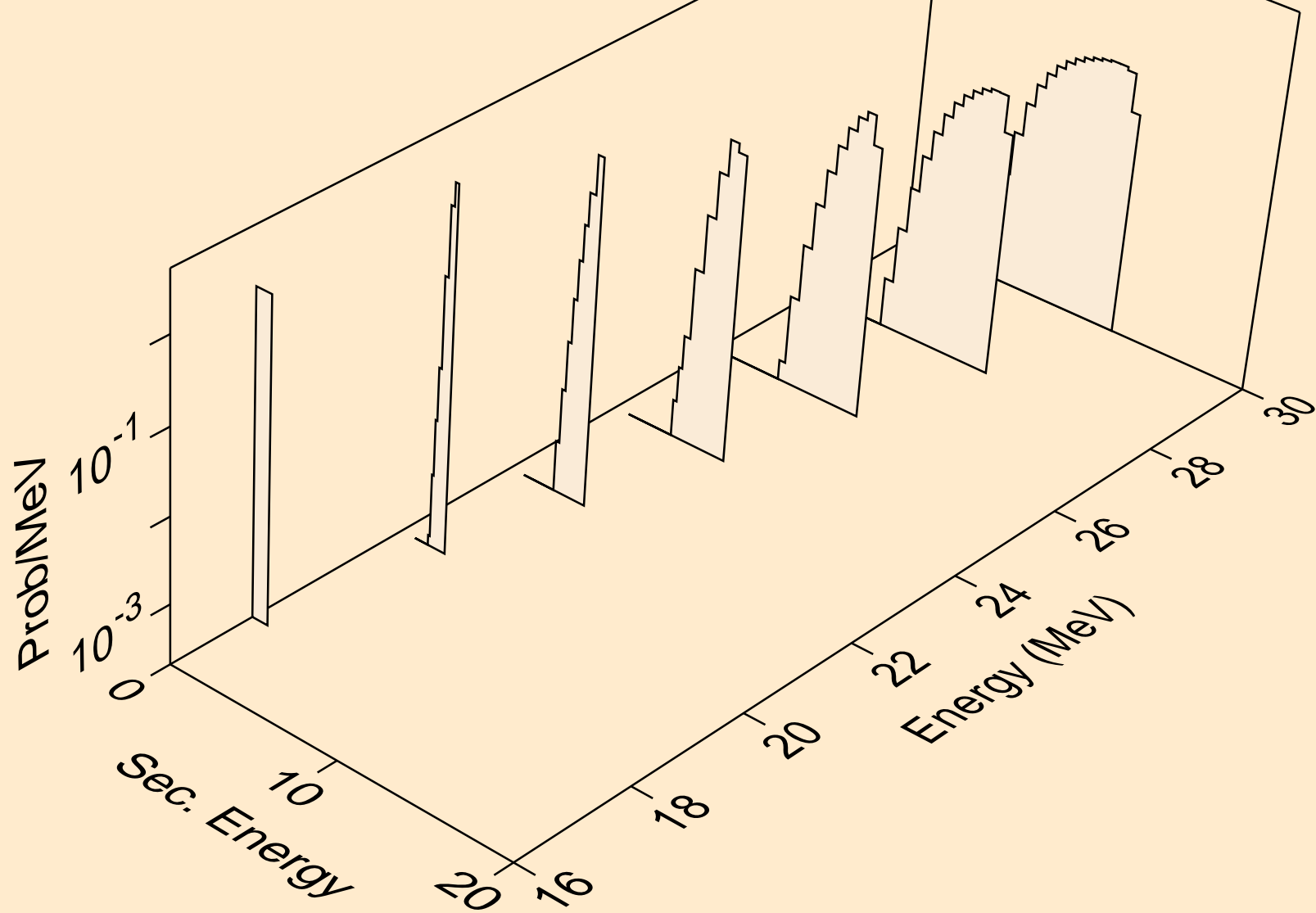
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deuterons from (n,d)



SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)

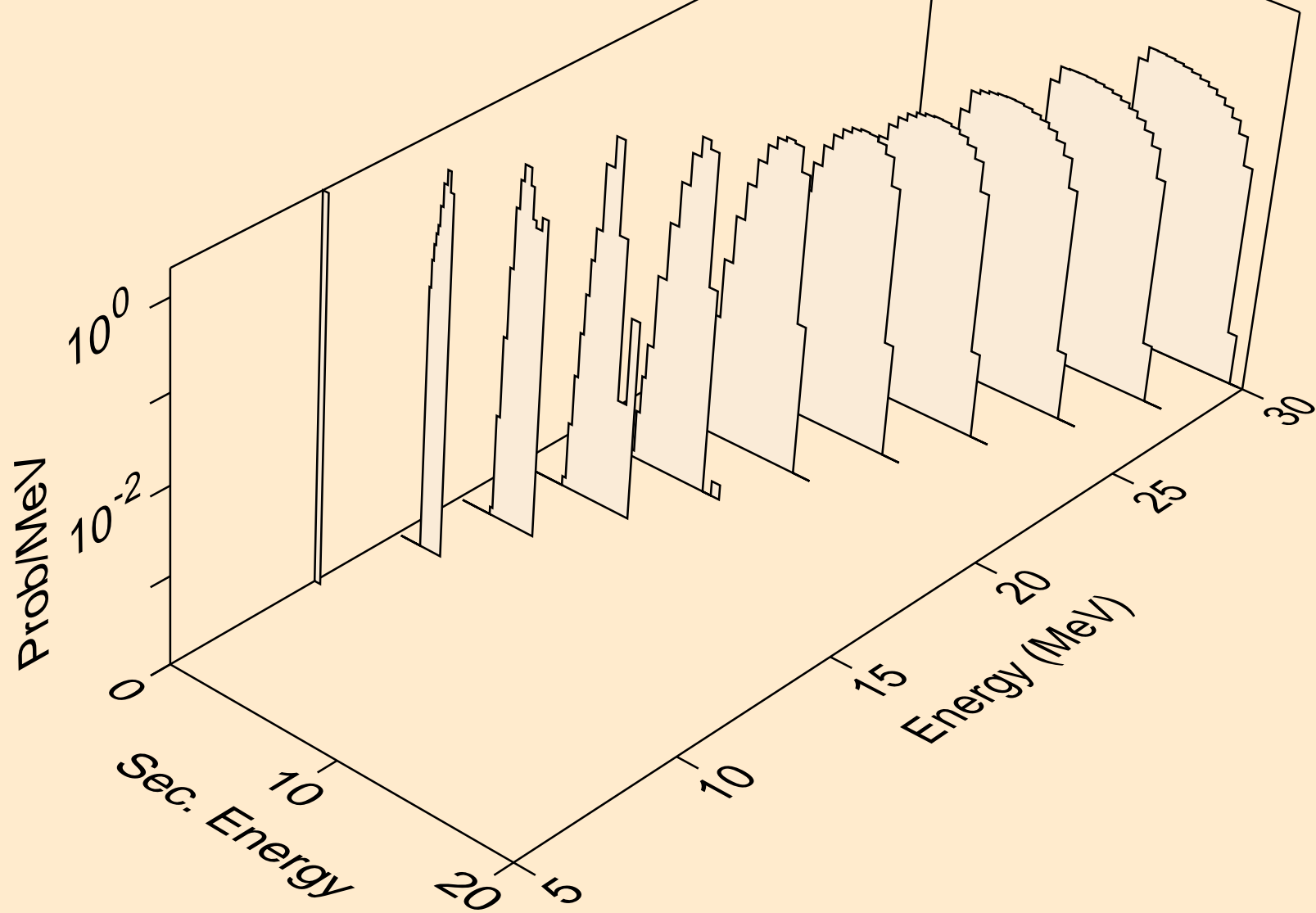


SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t

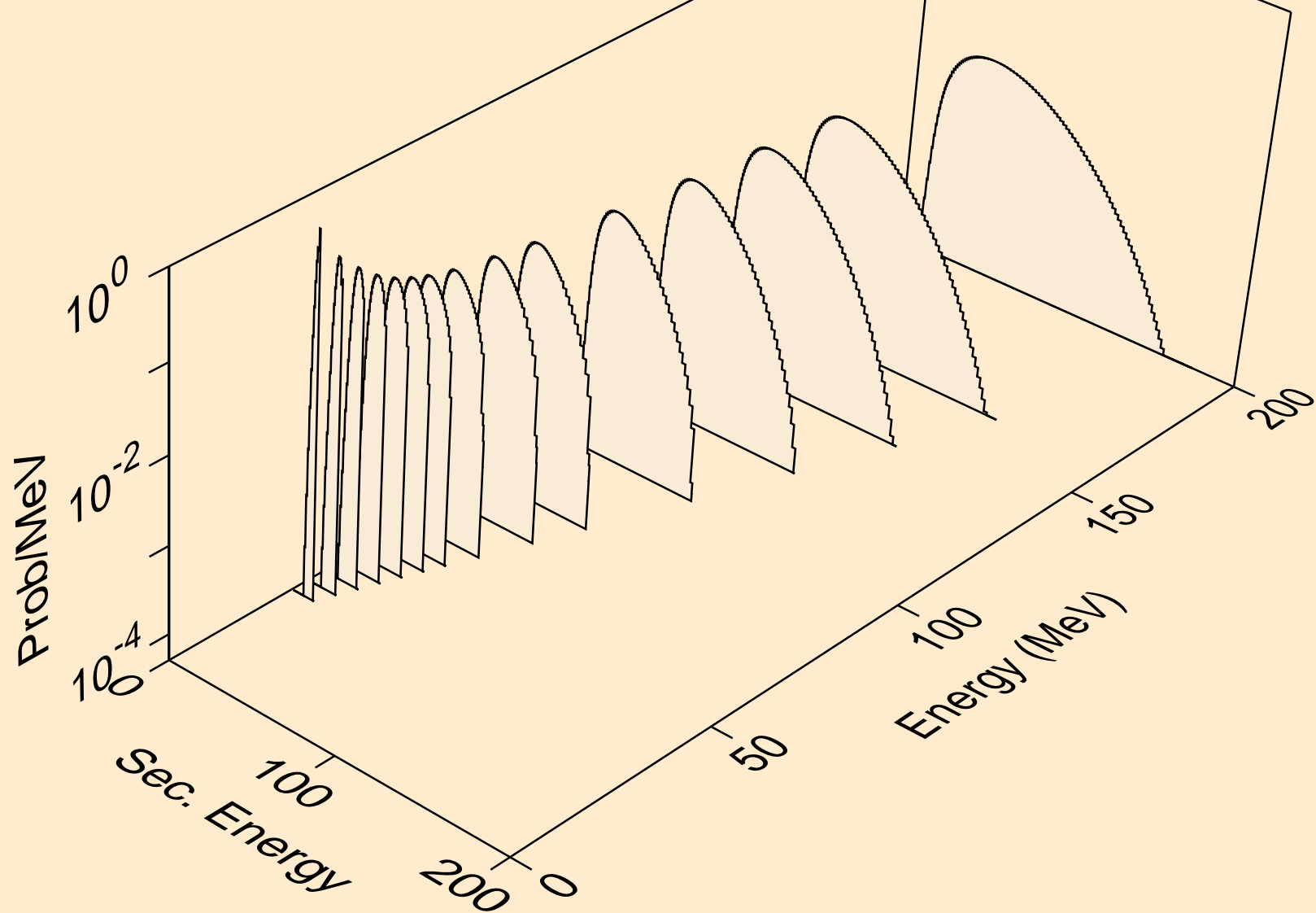




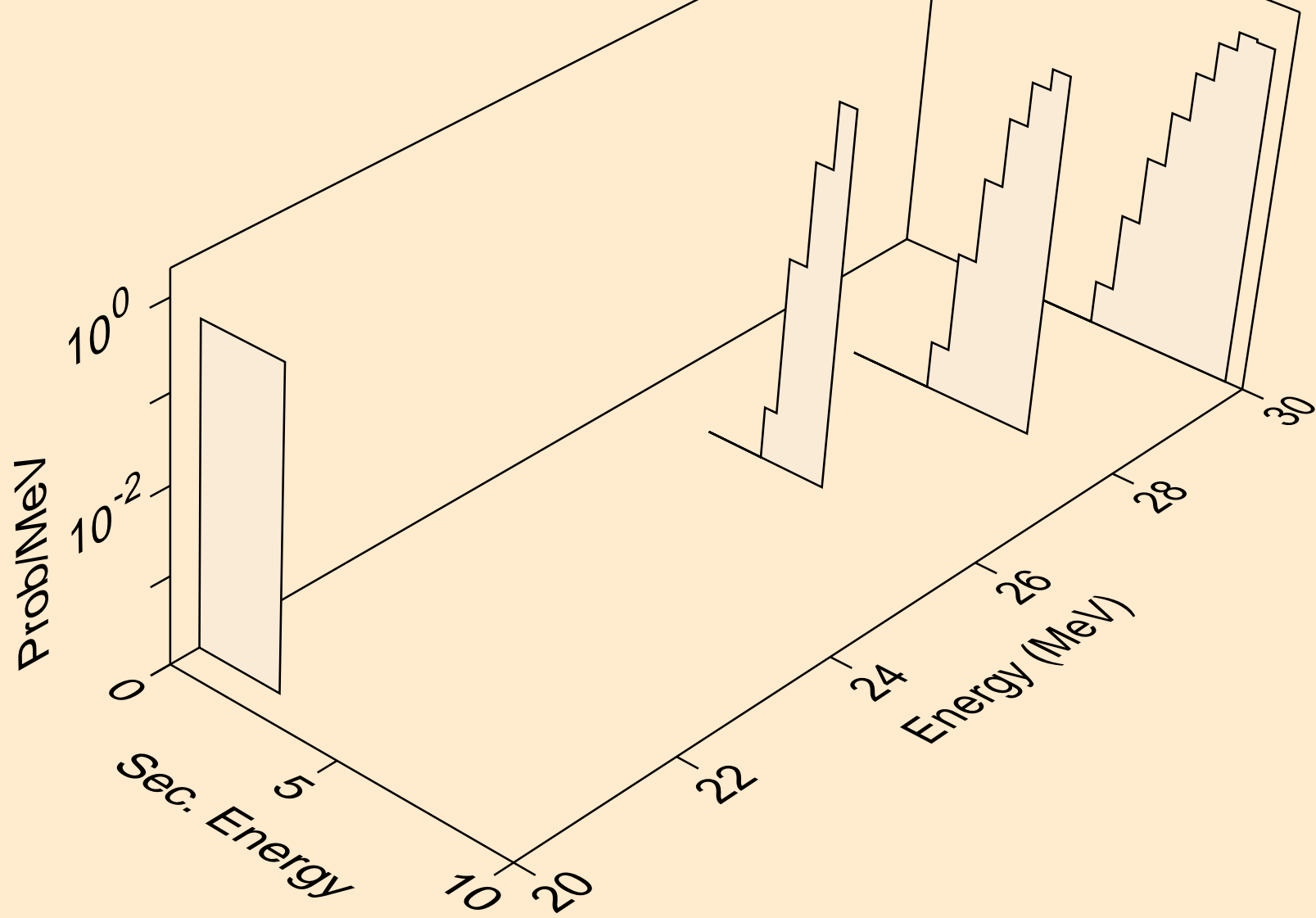
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tritons from (n,t)



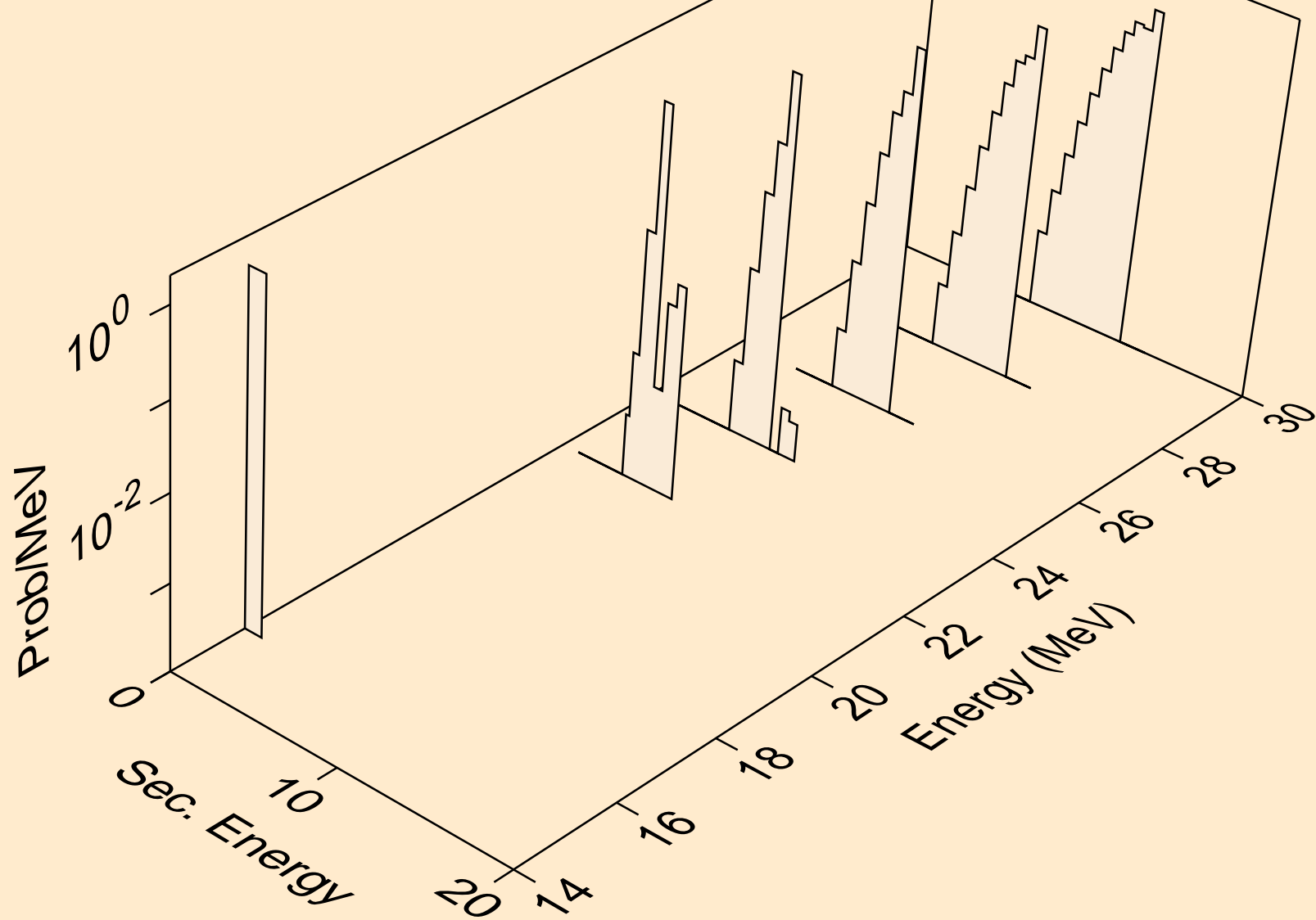
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he3s from (n,x)



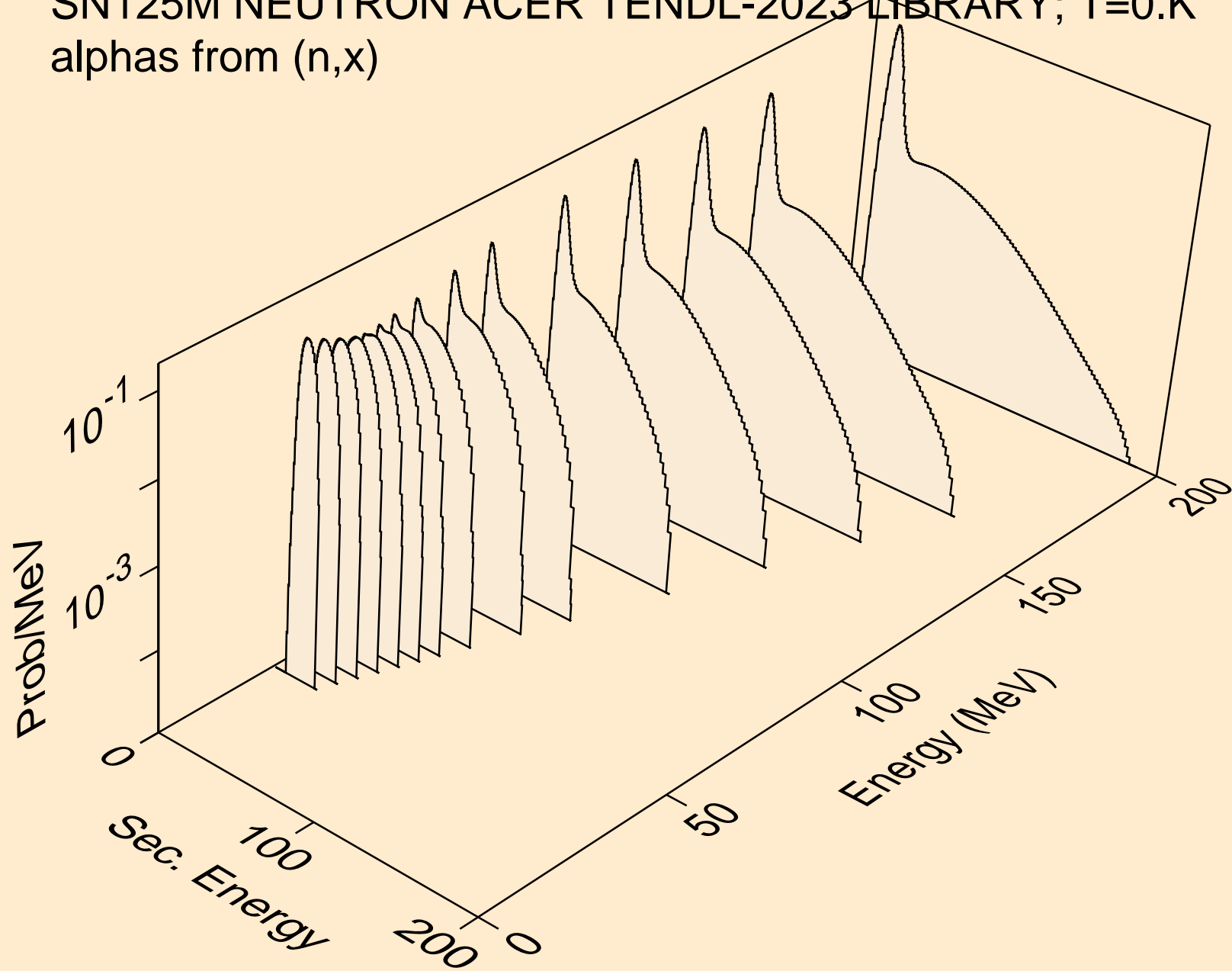
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he3s from (n,n\*)he3



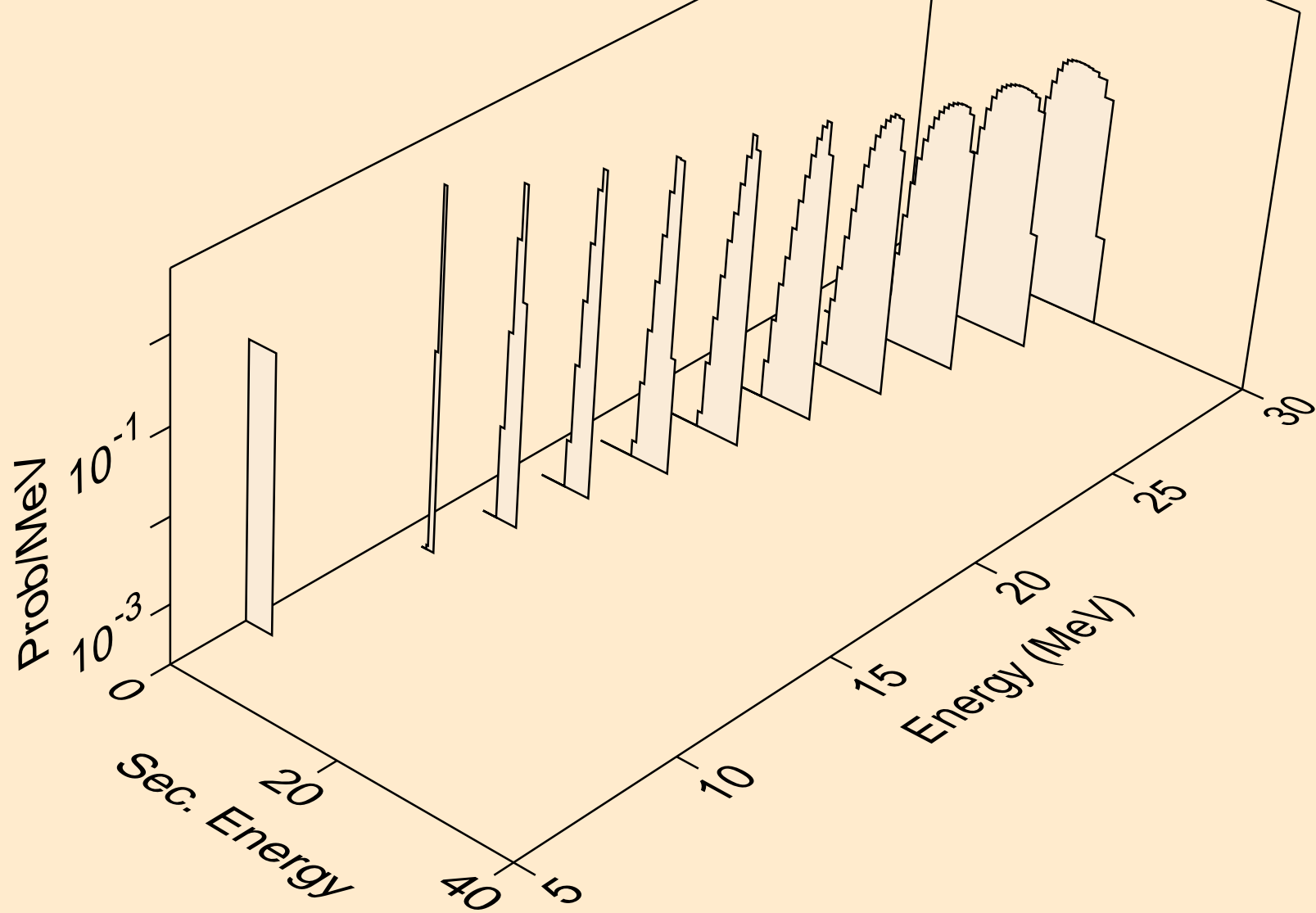
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he3s from (n,he3)



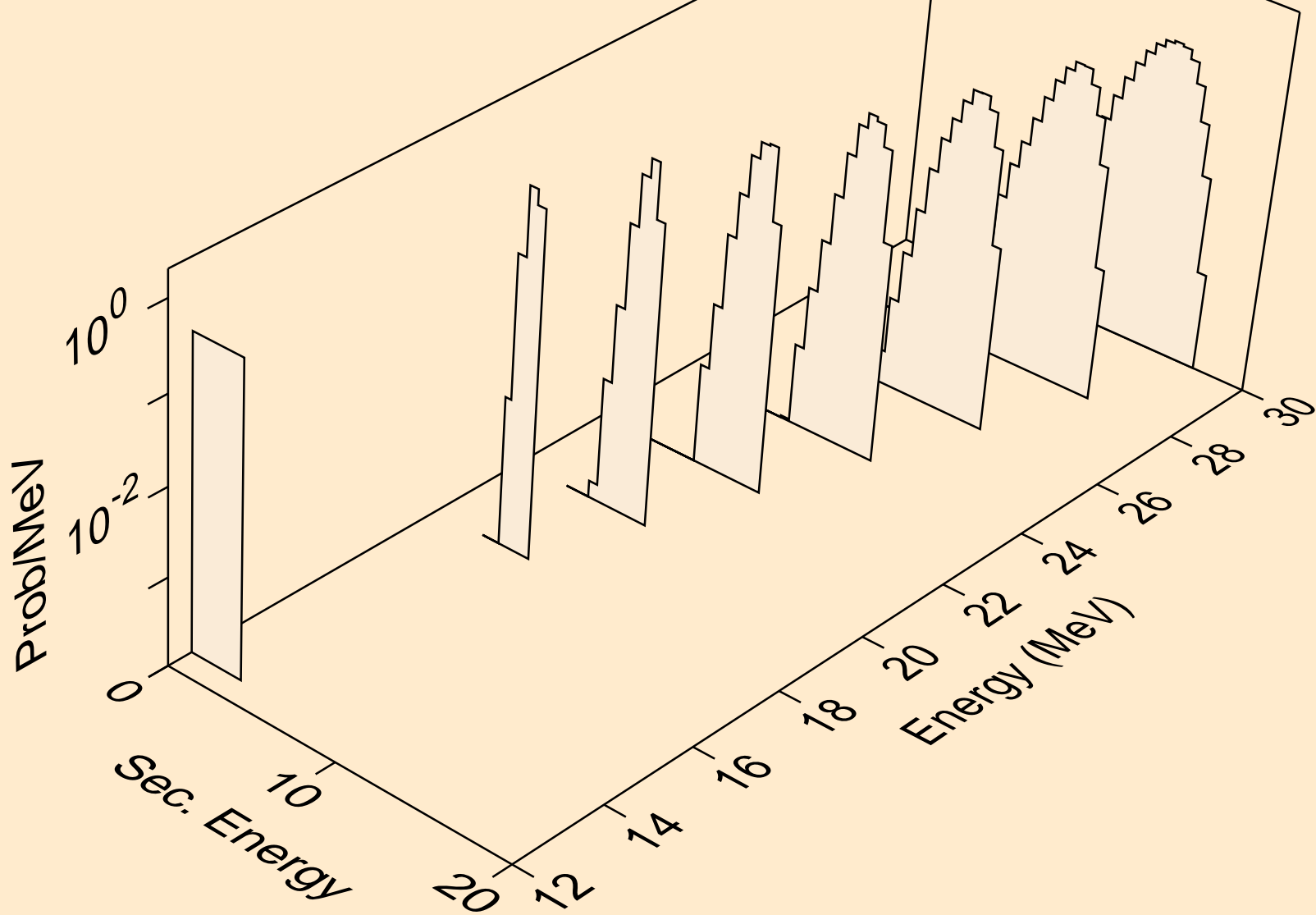
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alphas from (n,x)



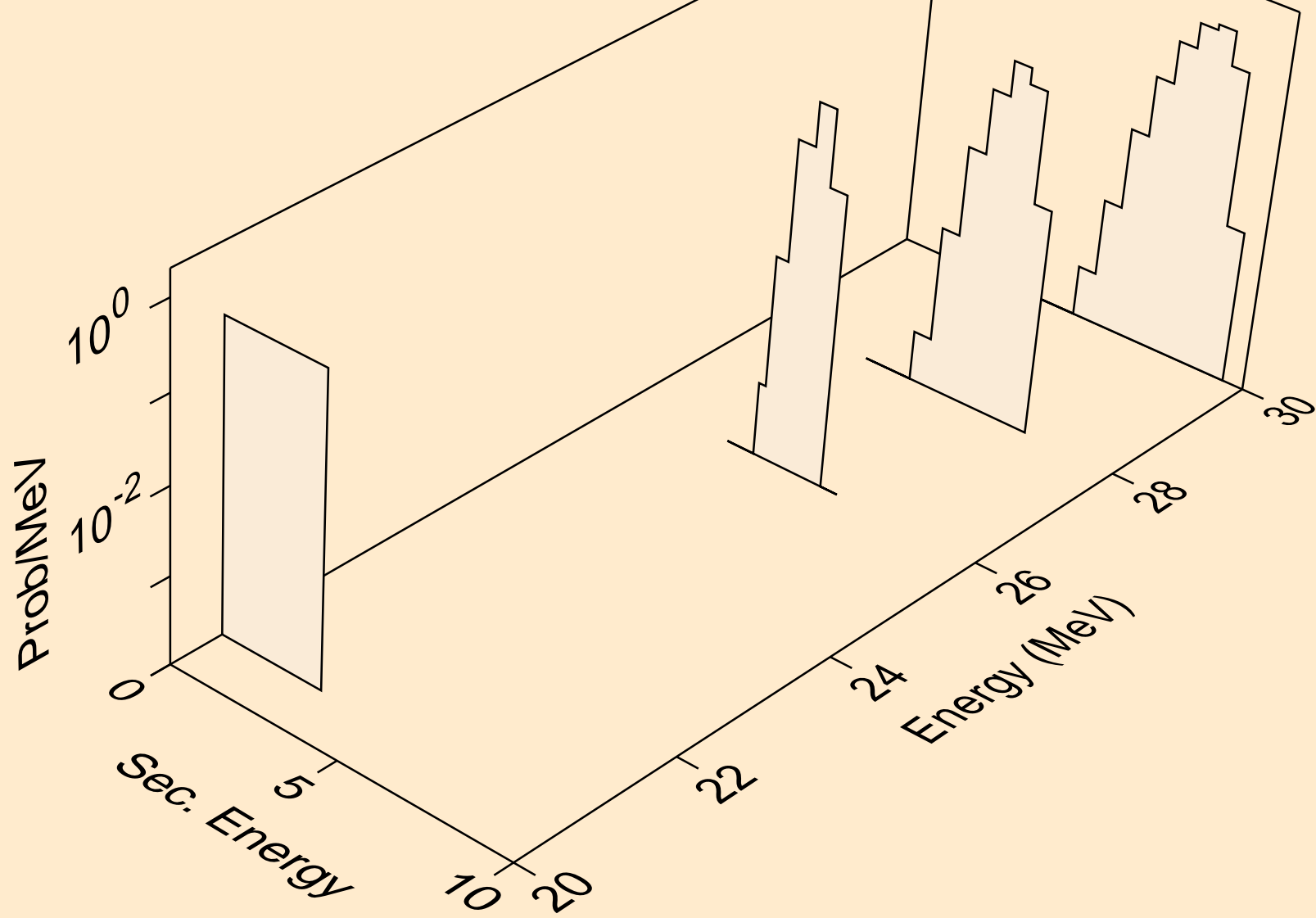
SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a





SN125M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

