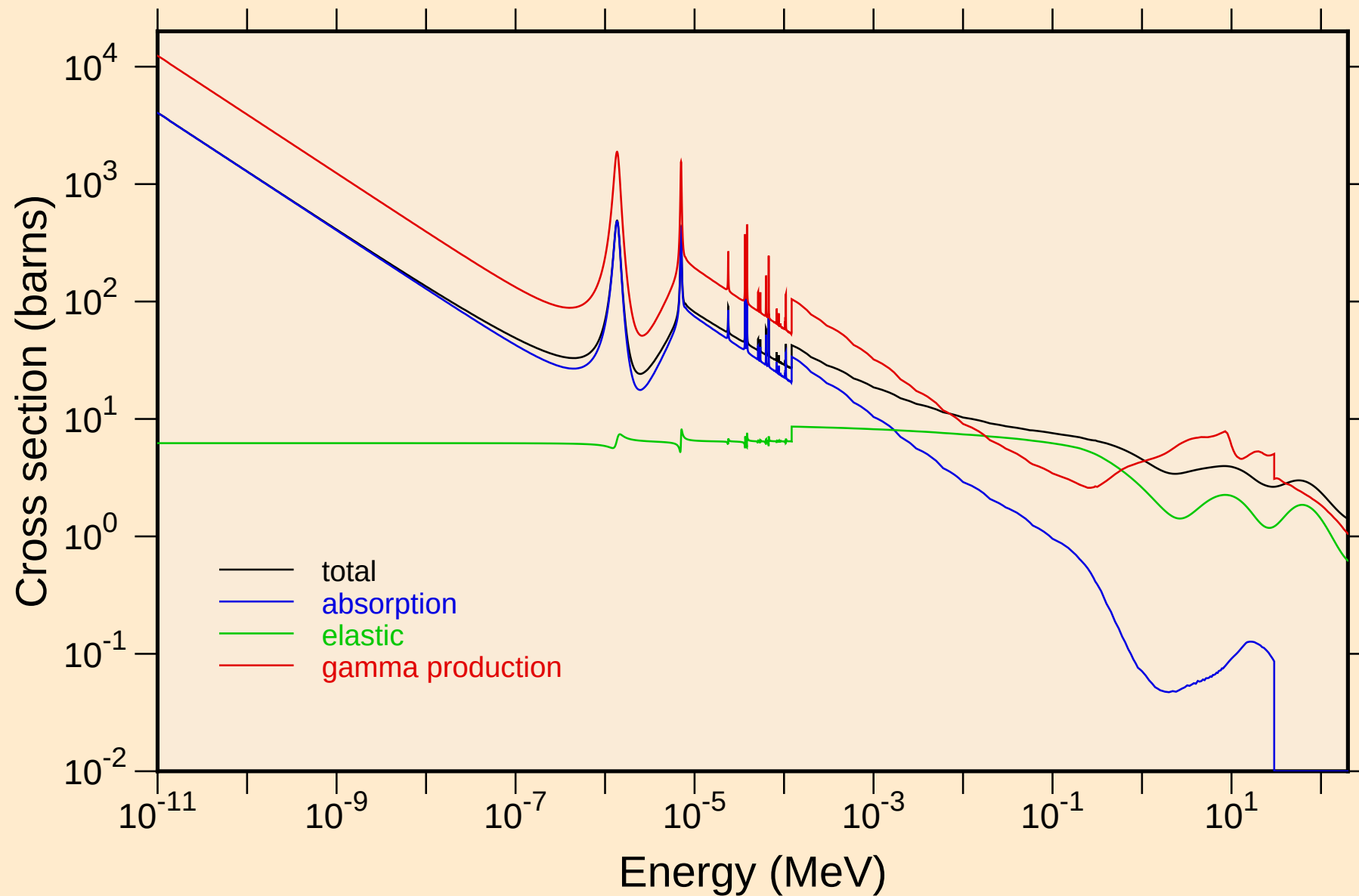
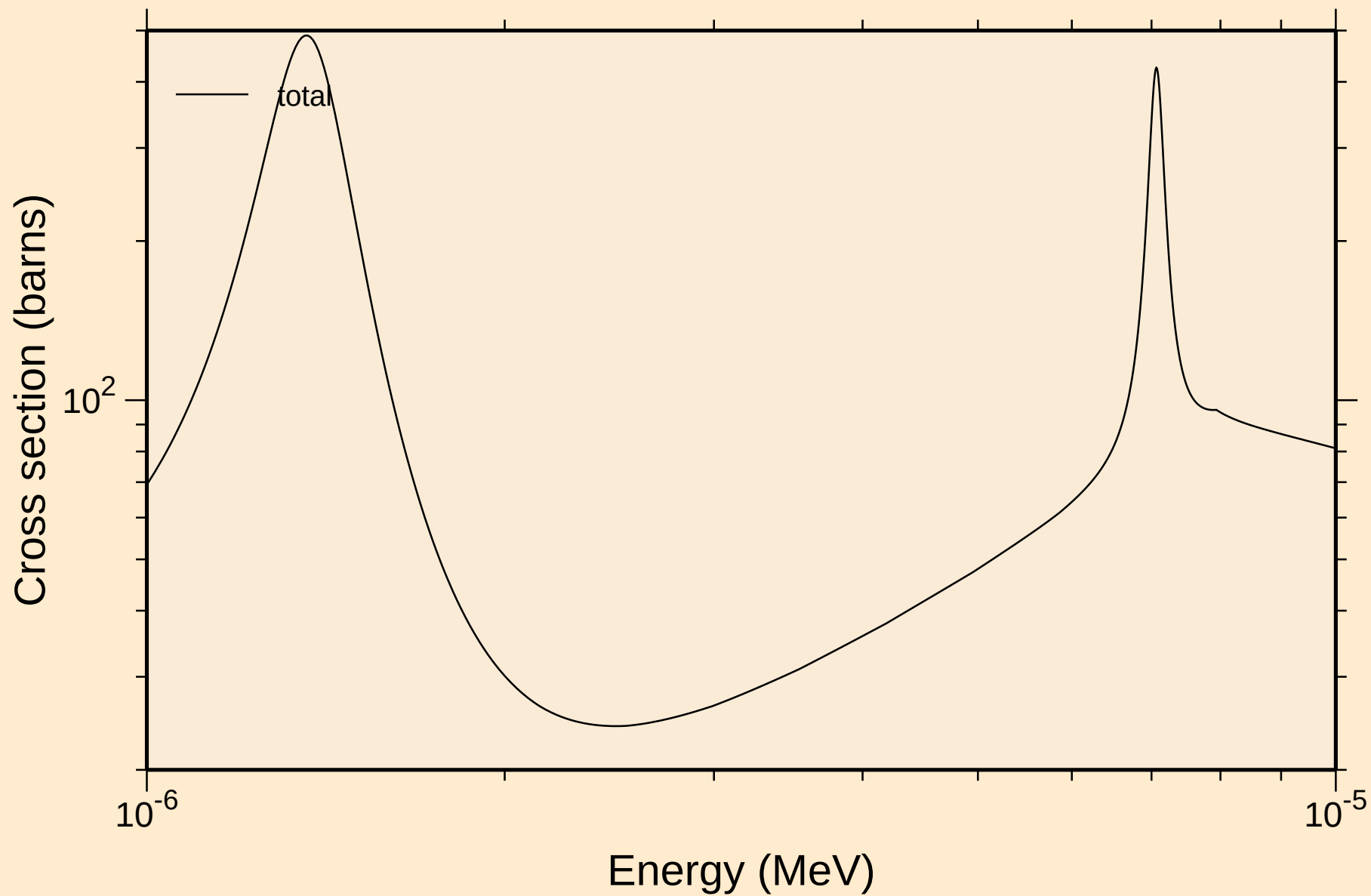


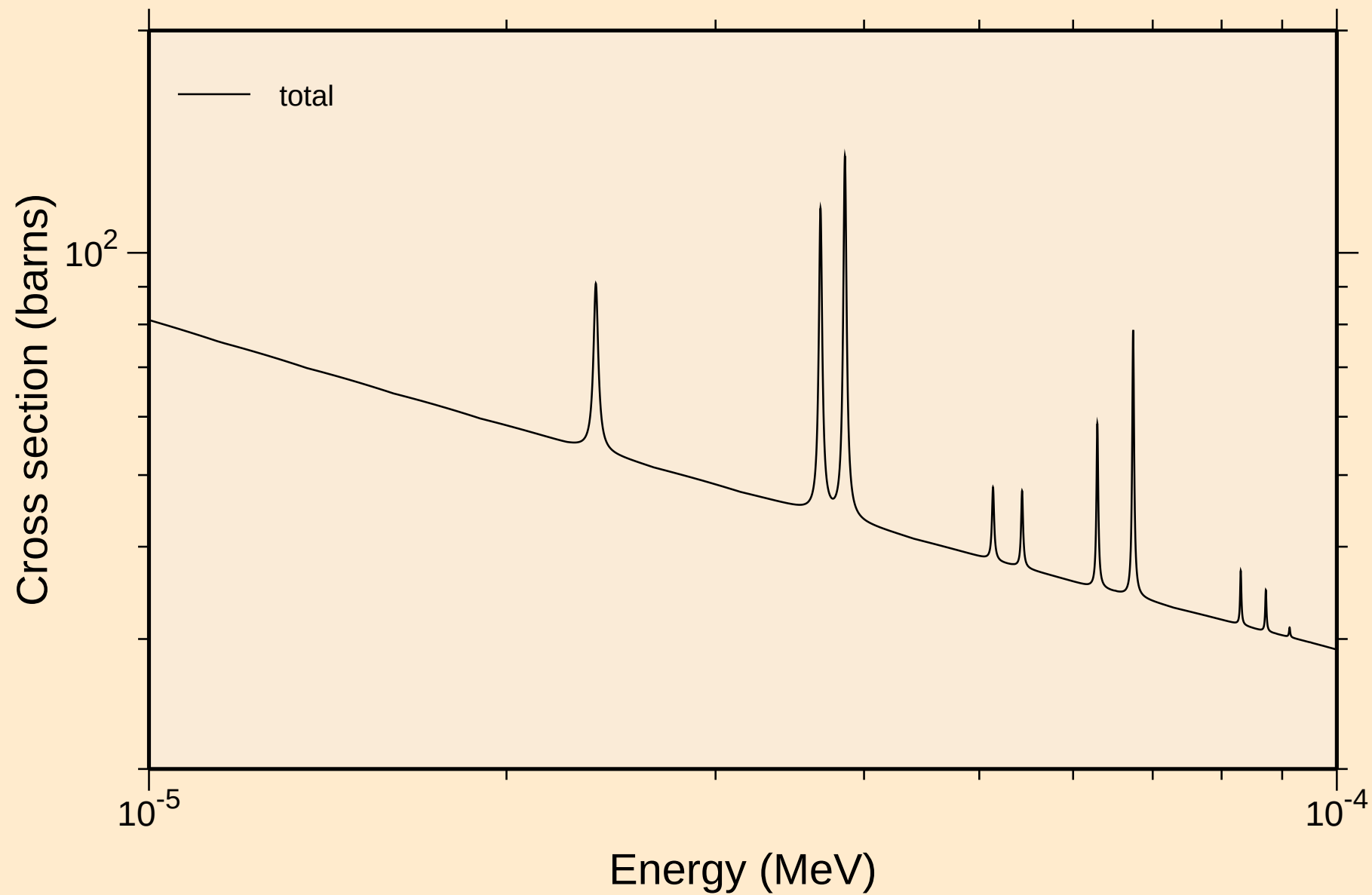
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



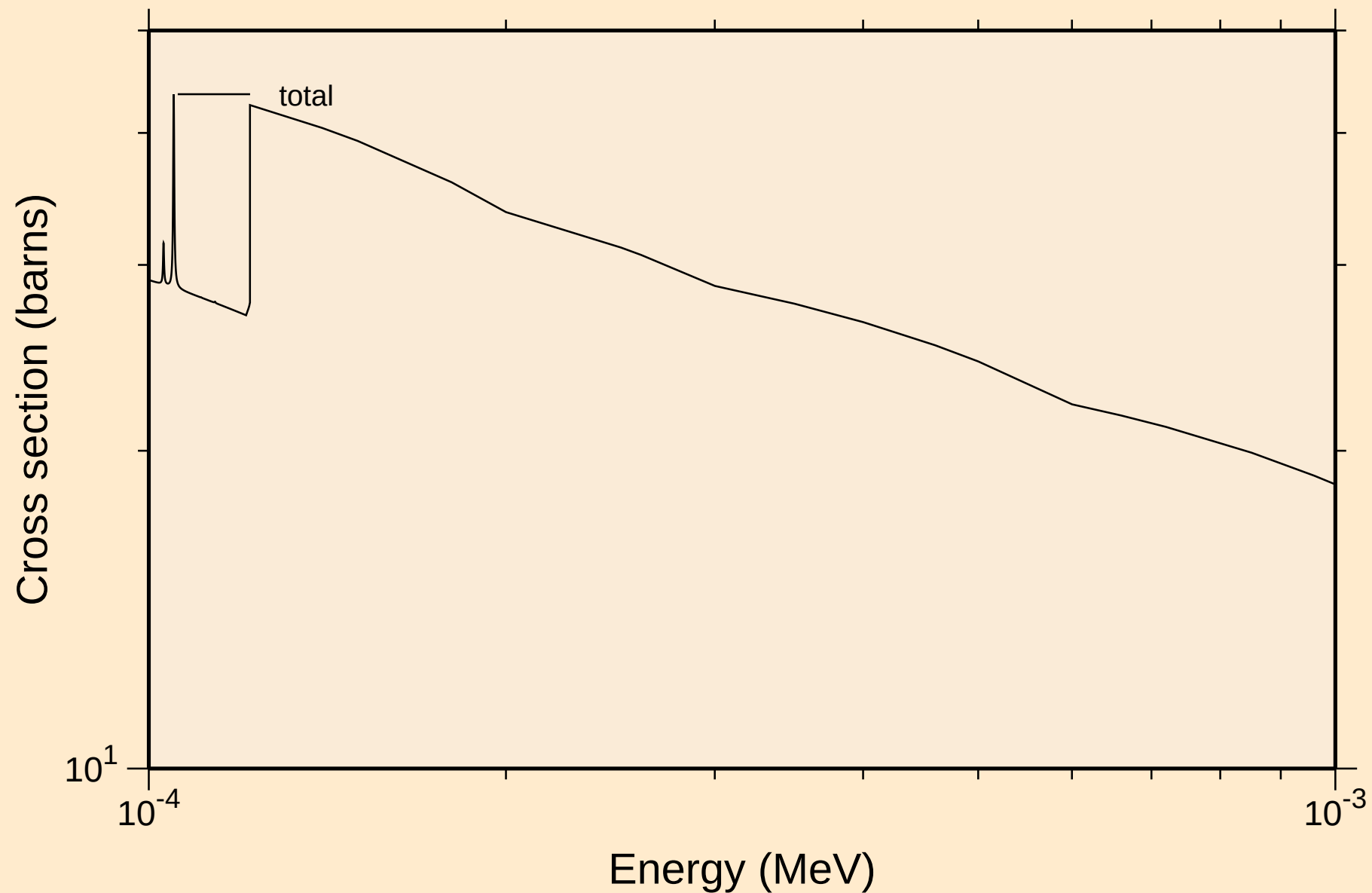
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



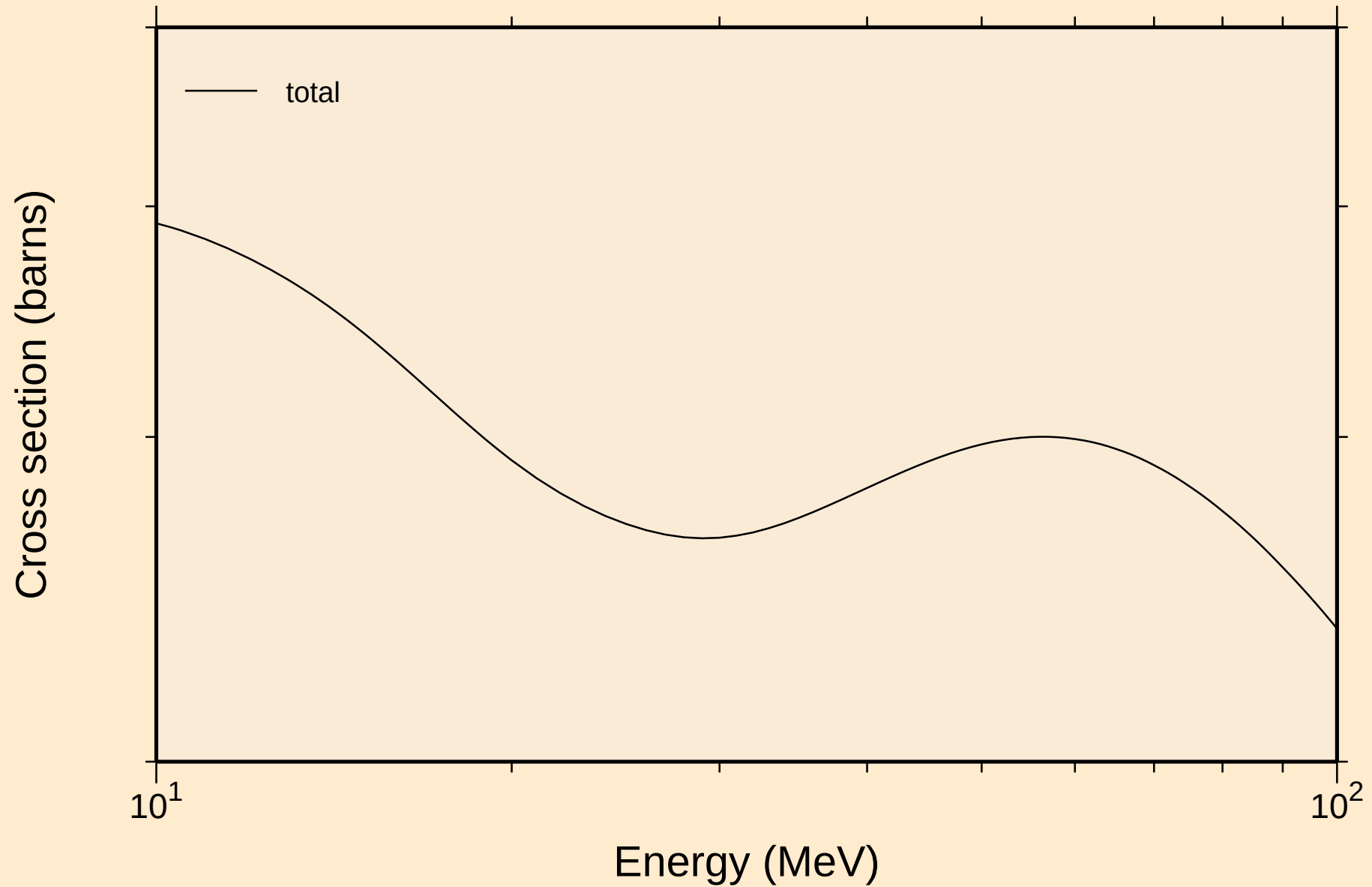
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



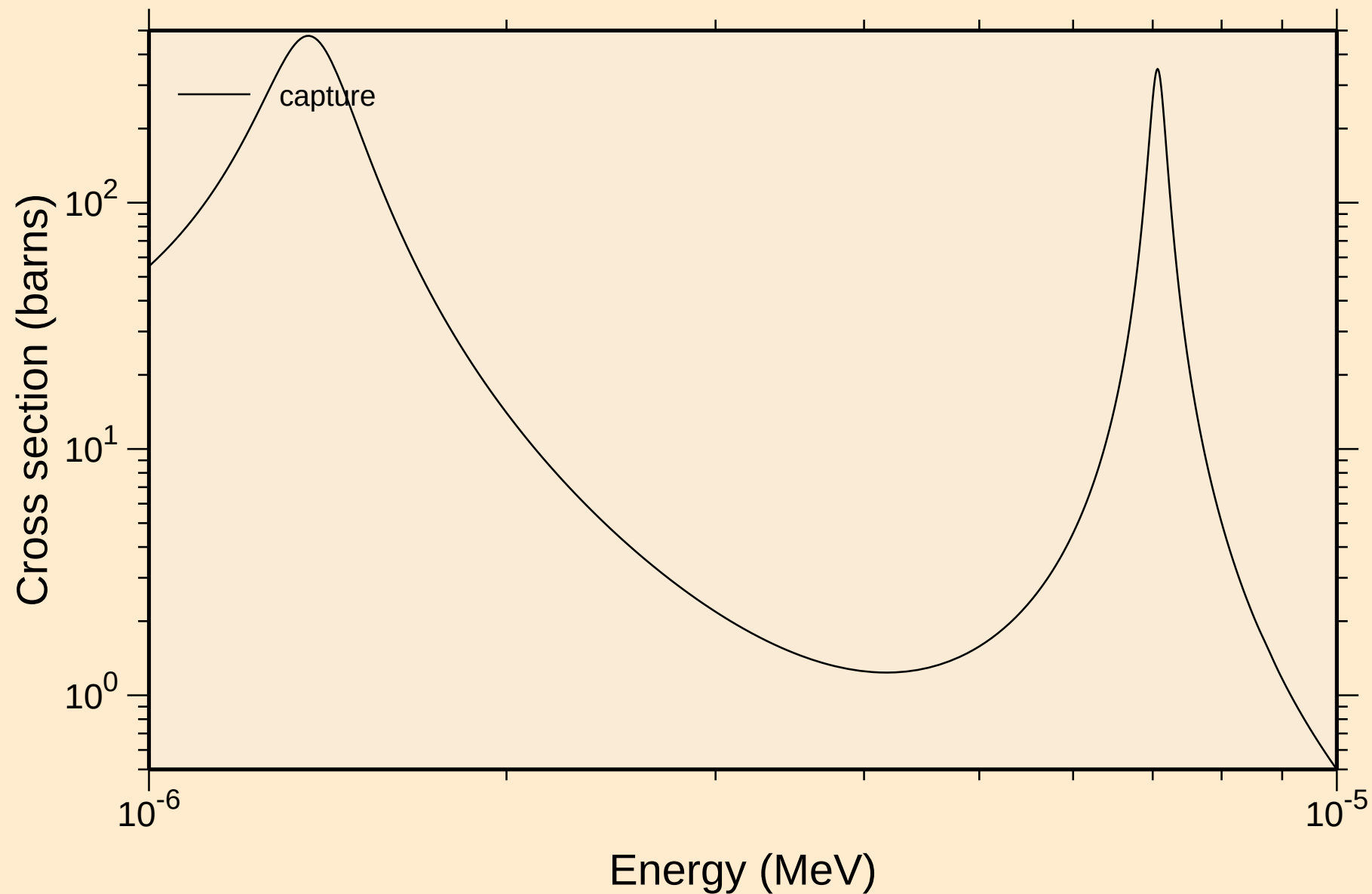
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



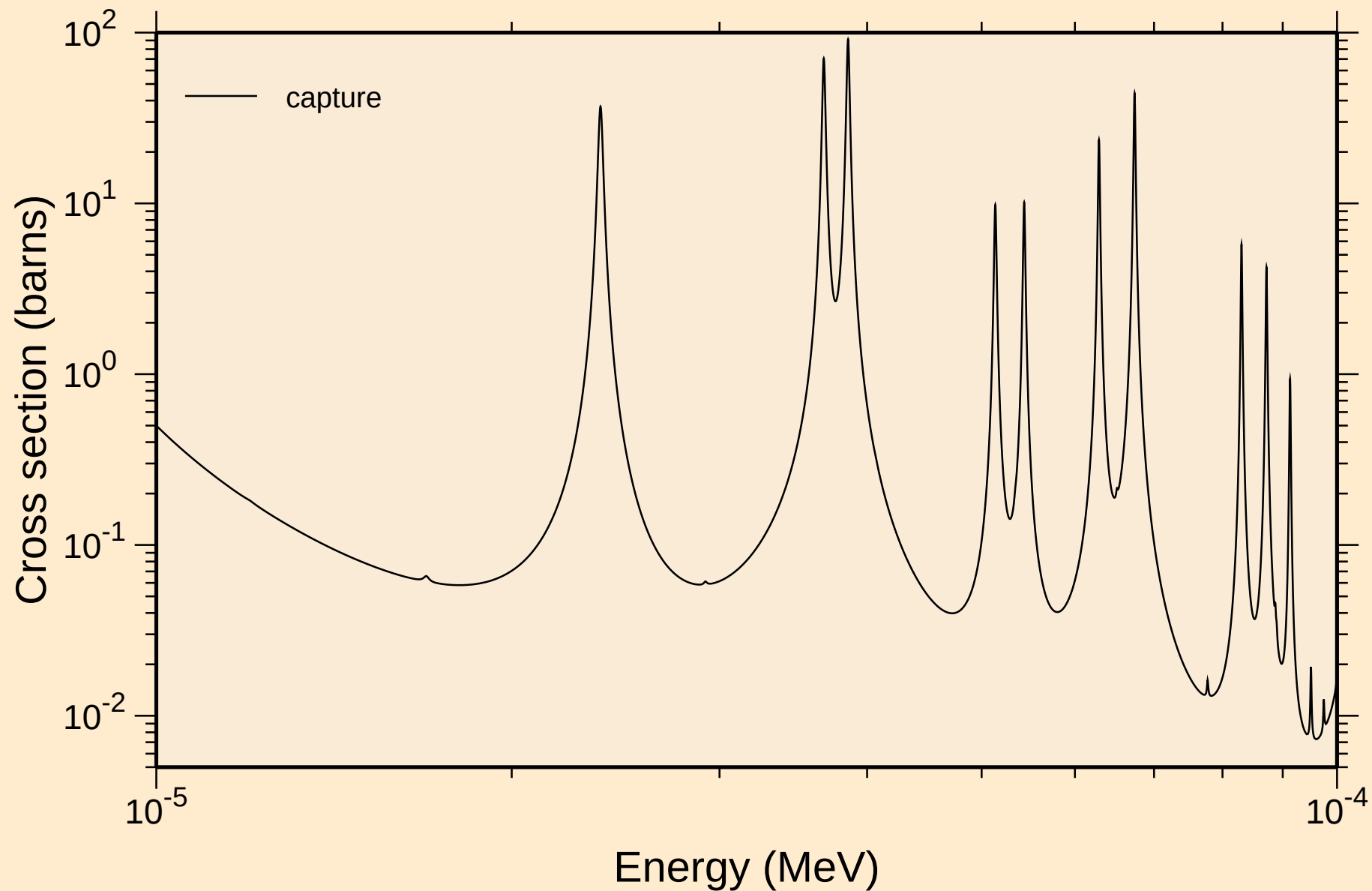
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



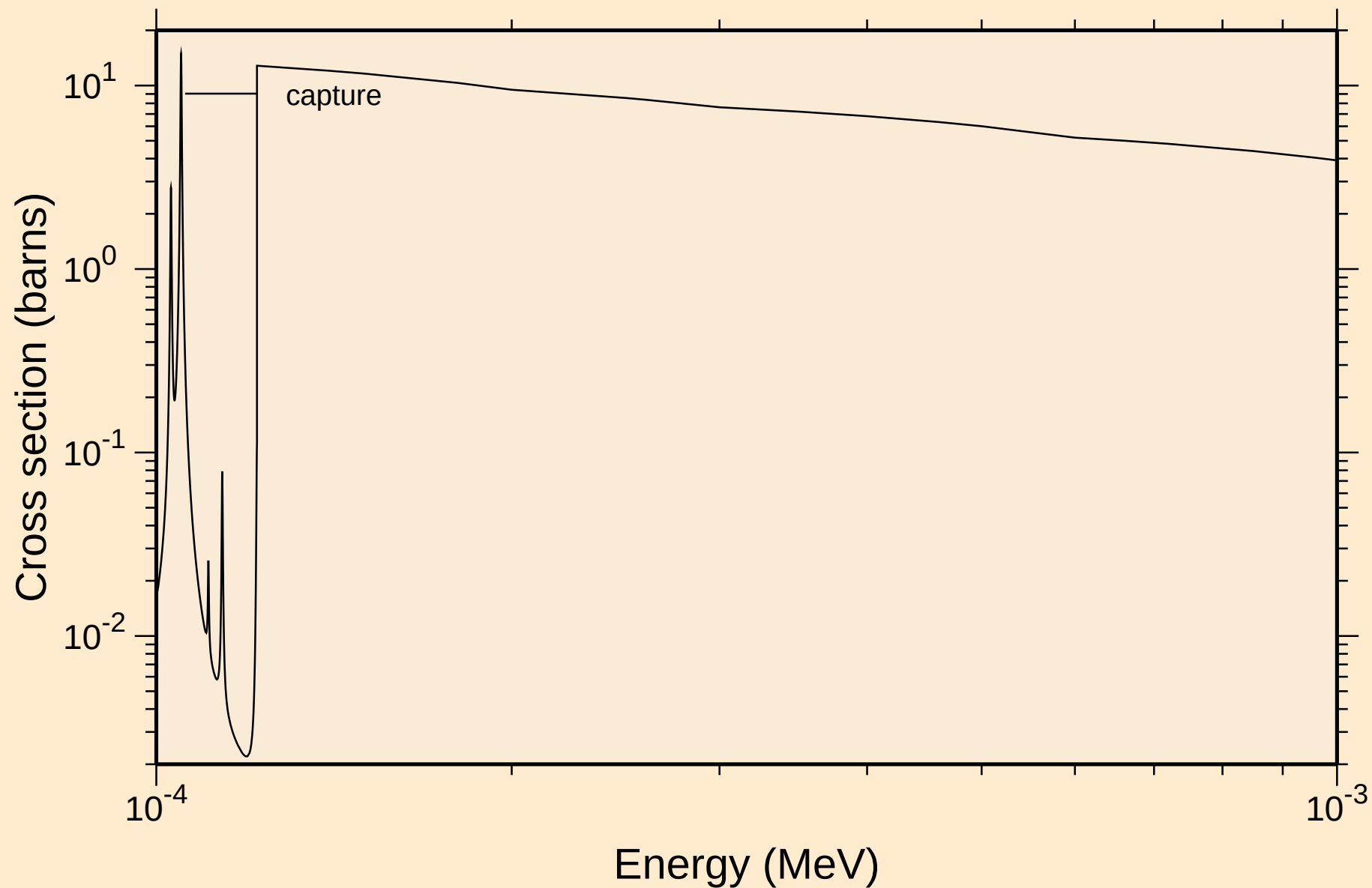
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

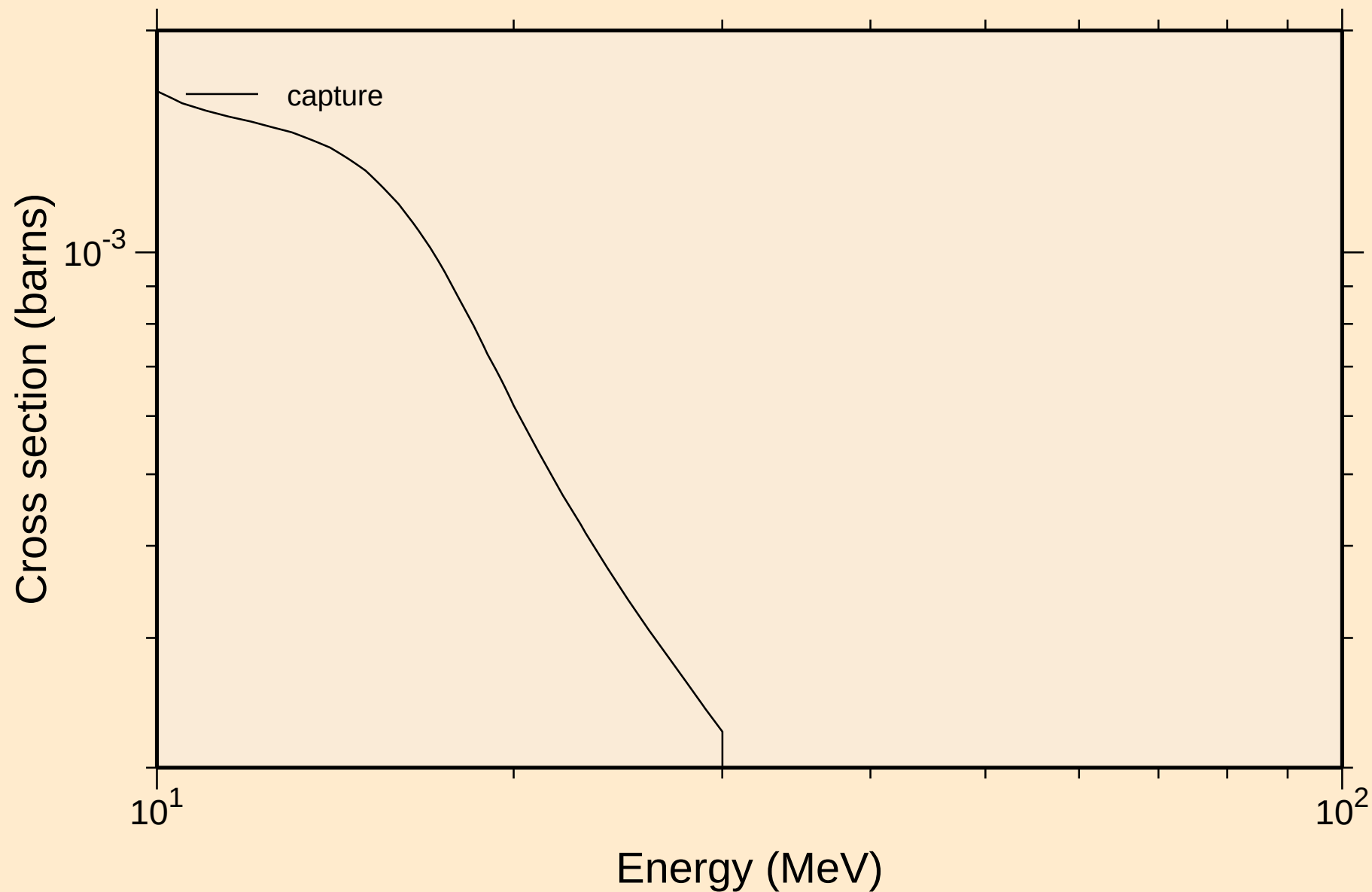


BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



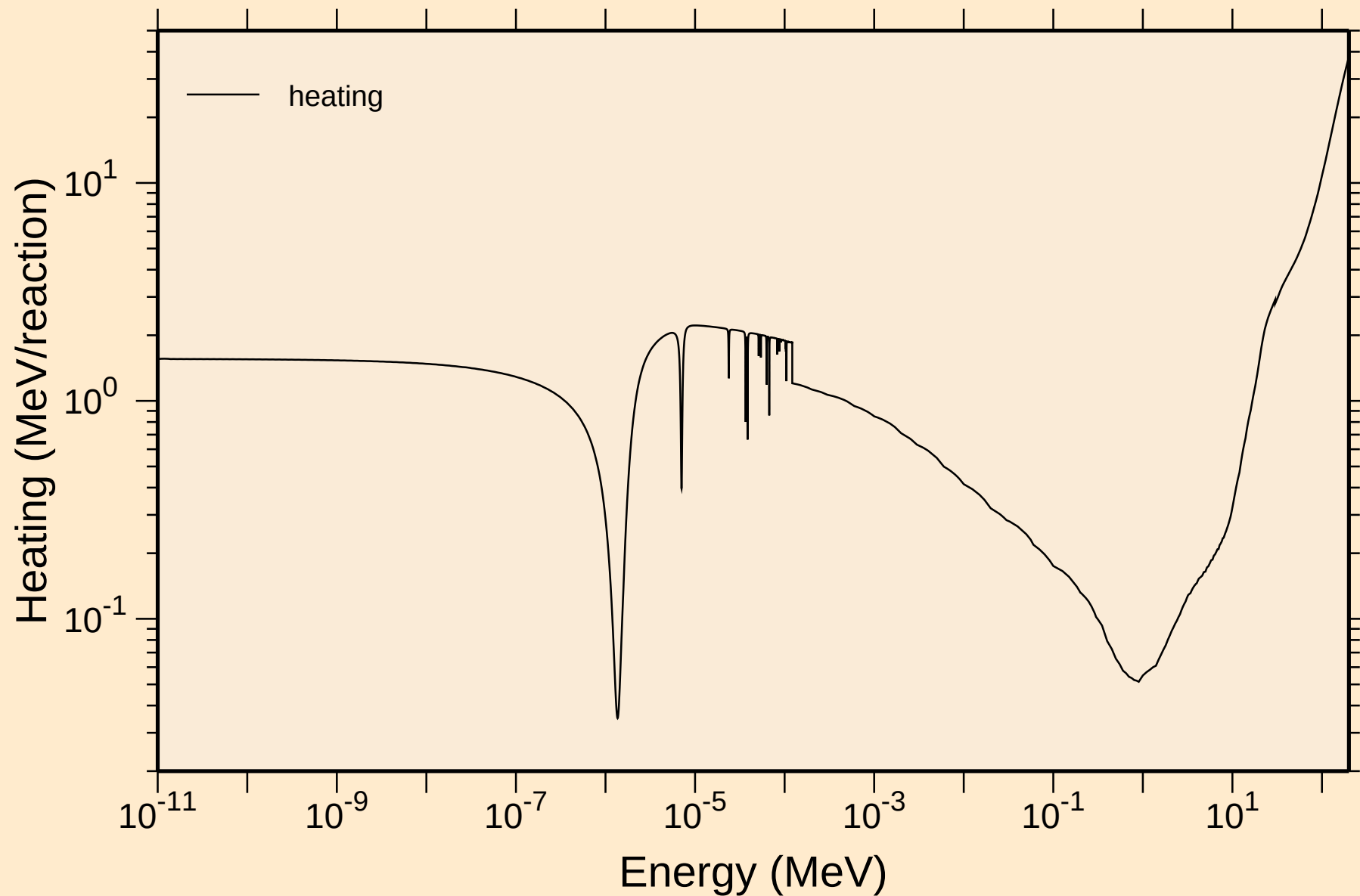


BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



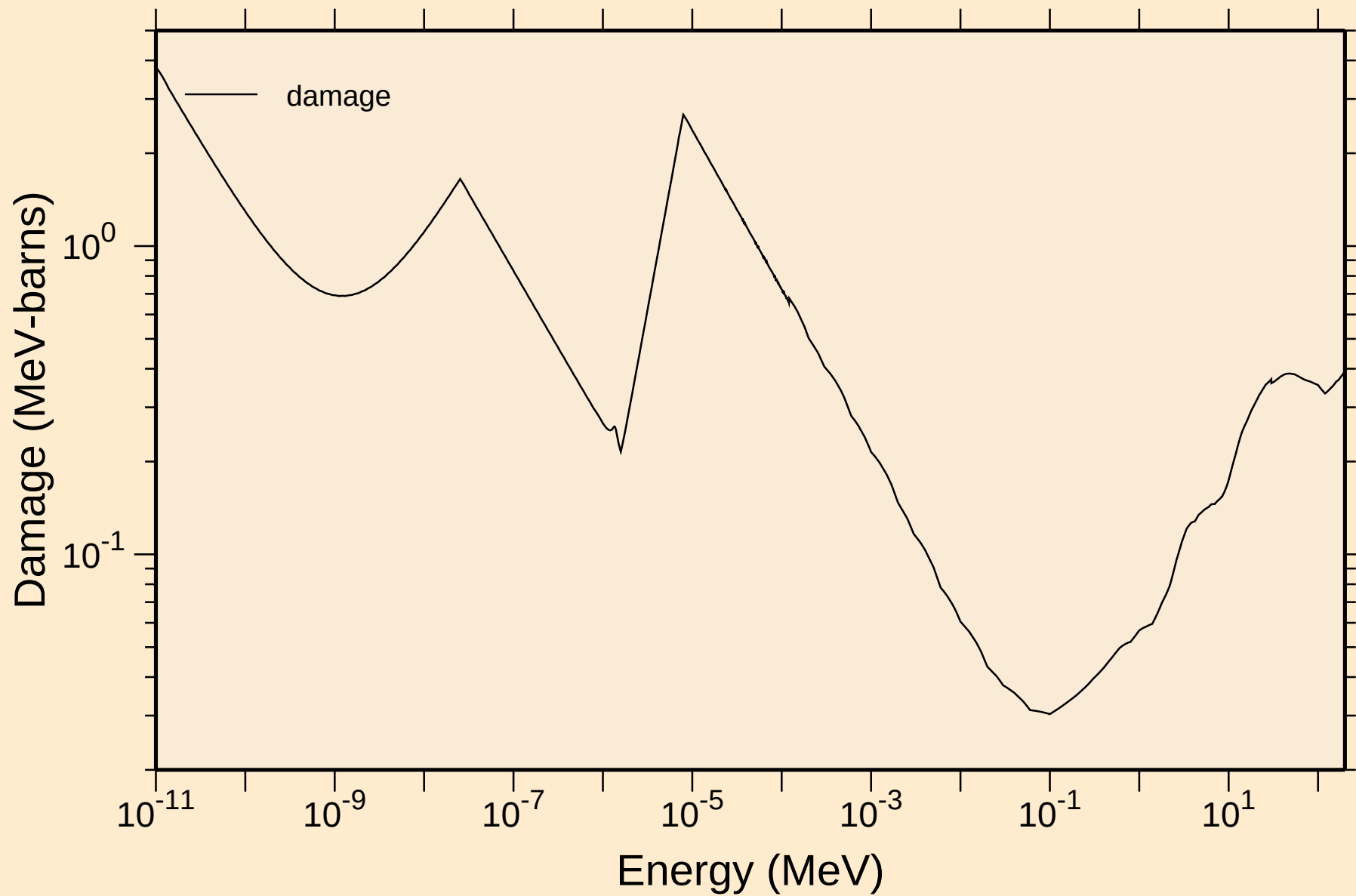
# BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

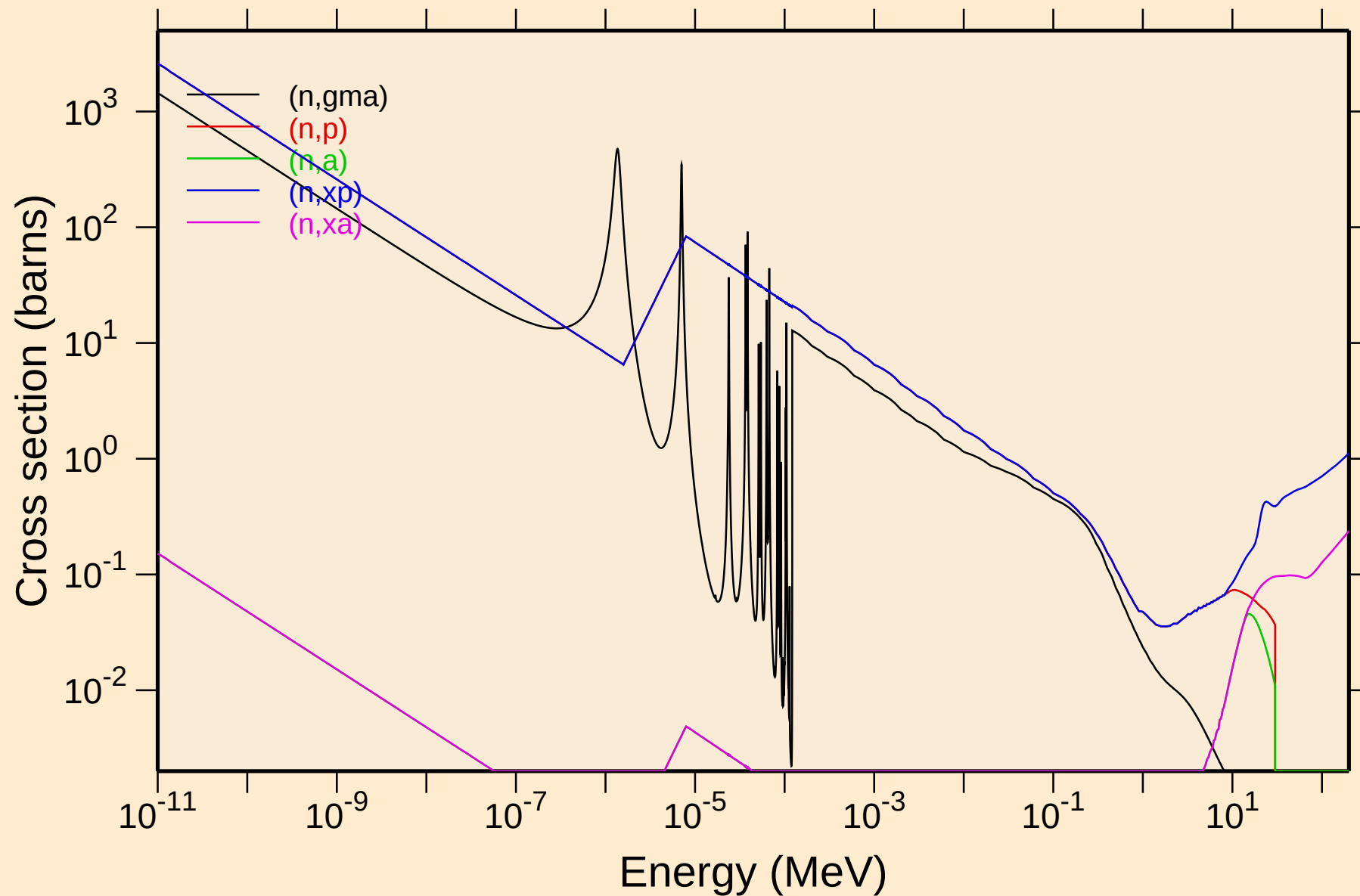


# BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

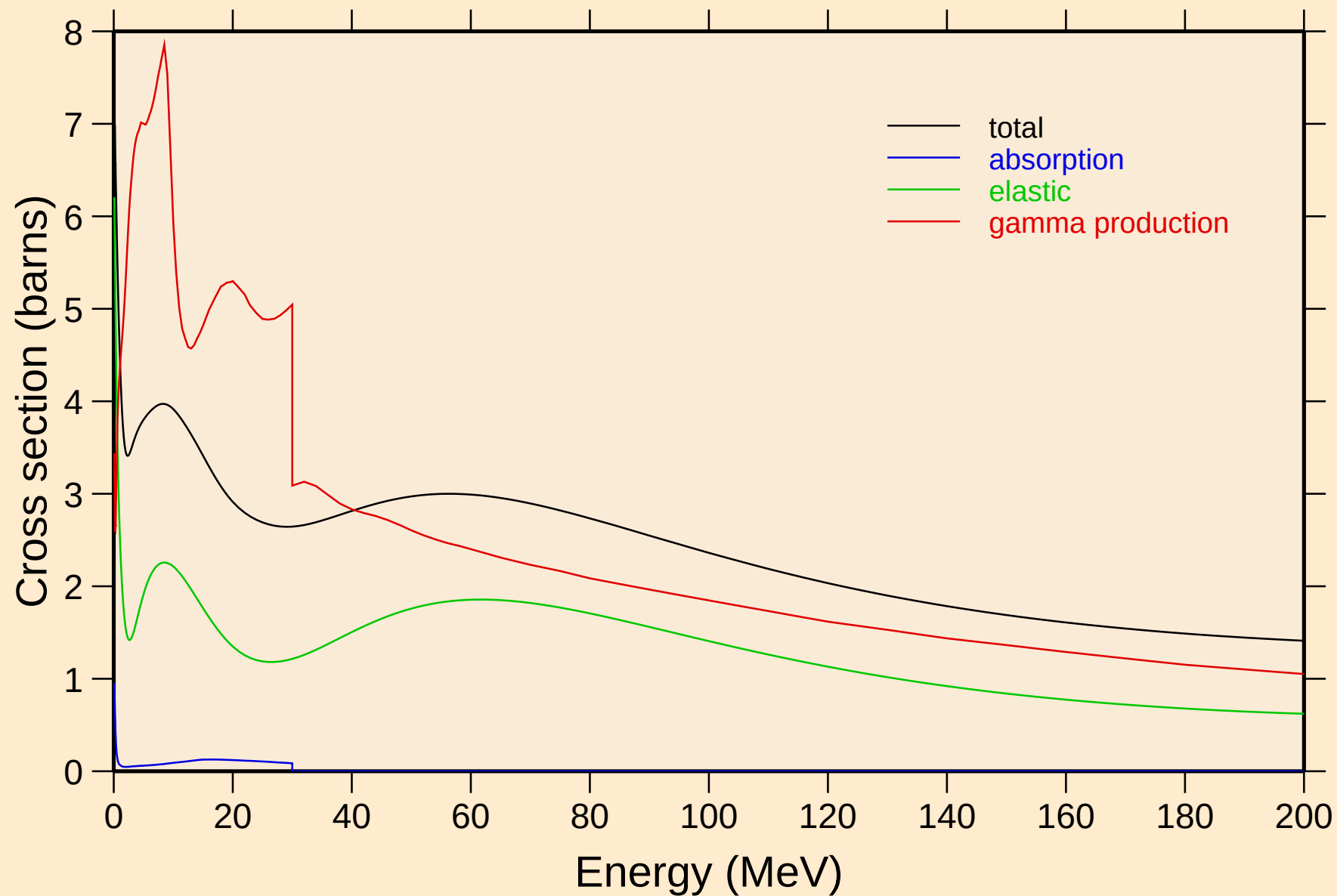


BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



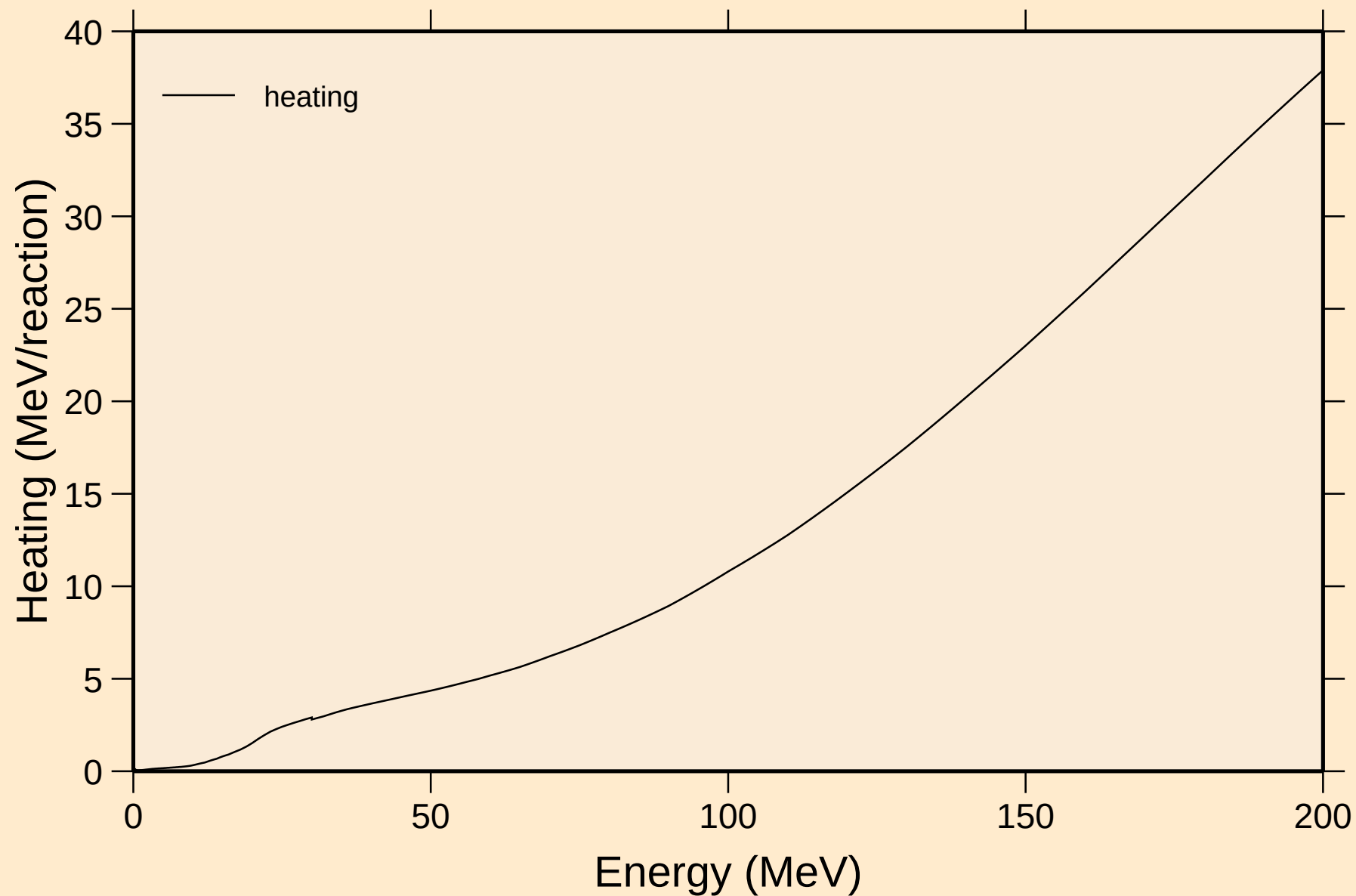
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## Principal cross sections



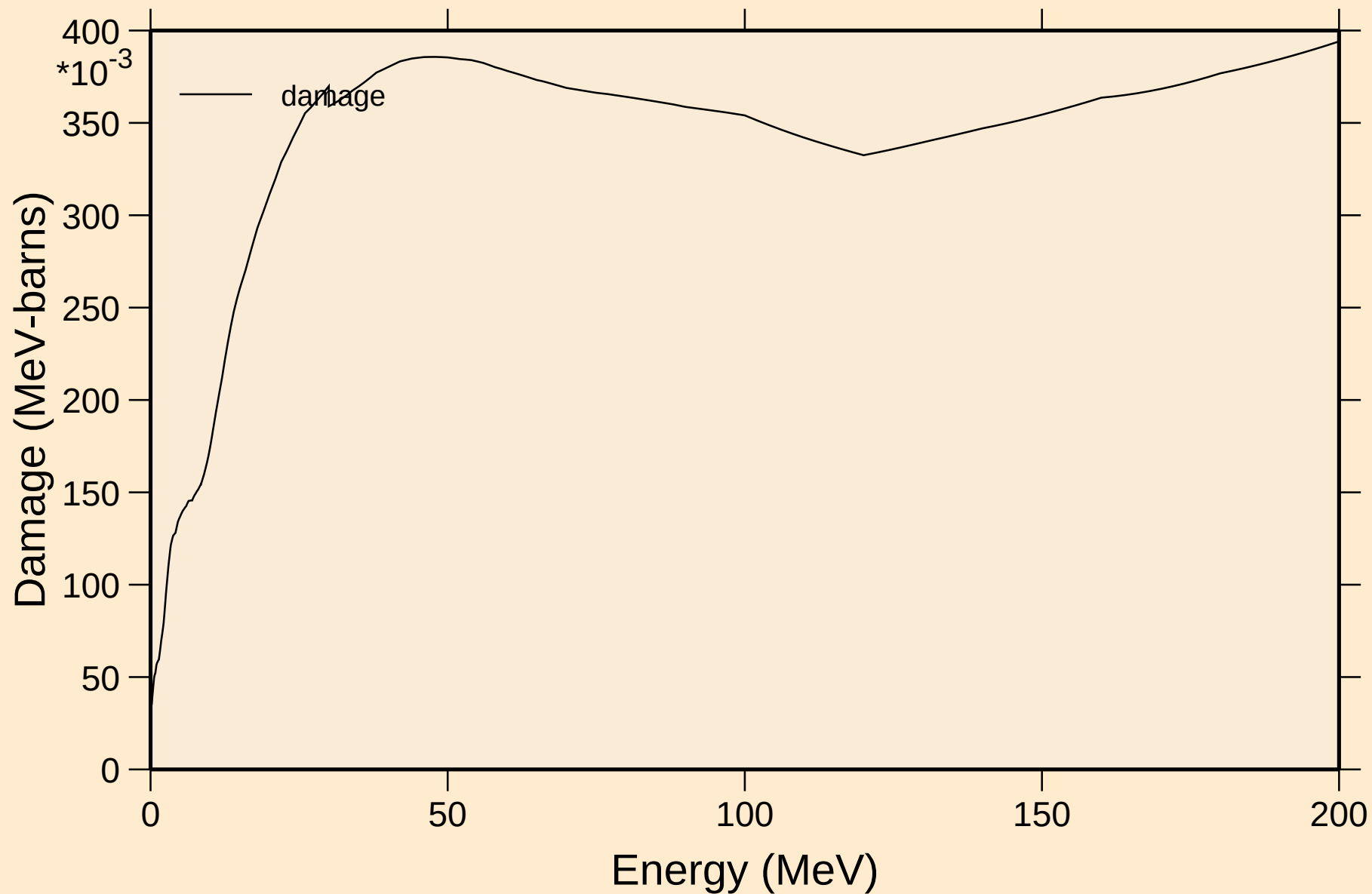
# BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

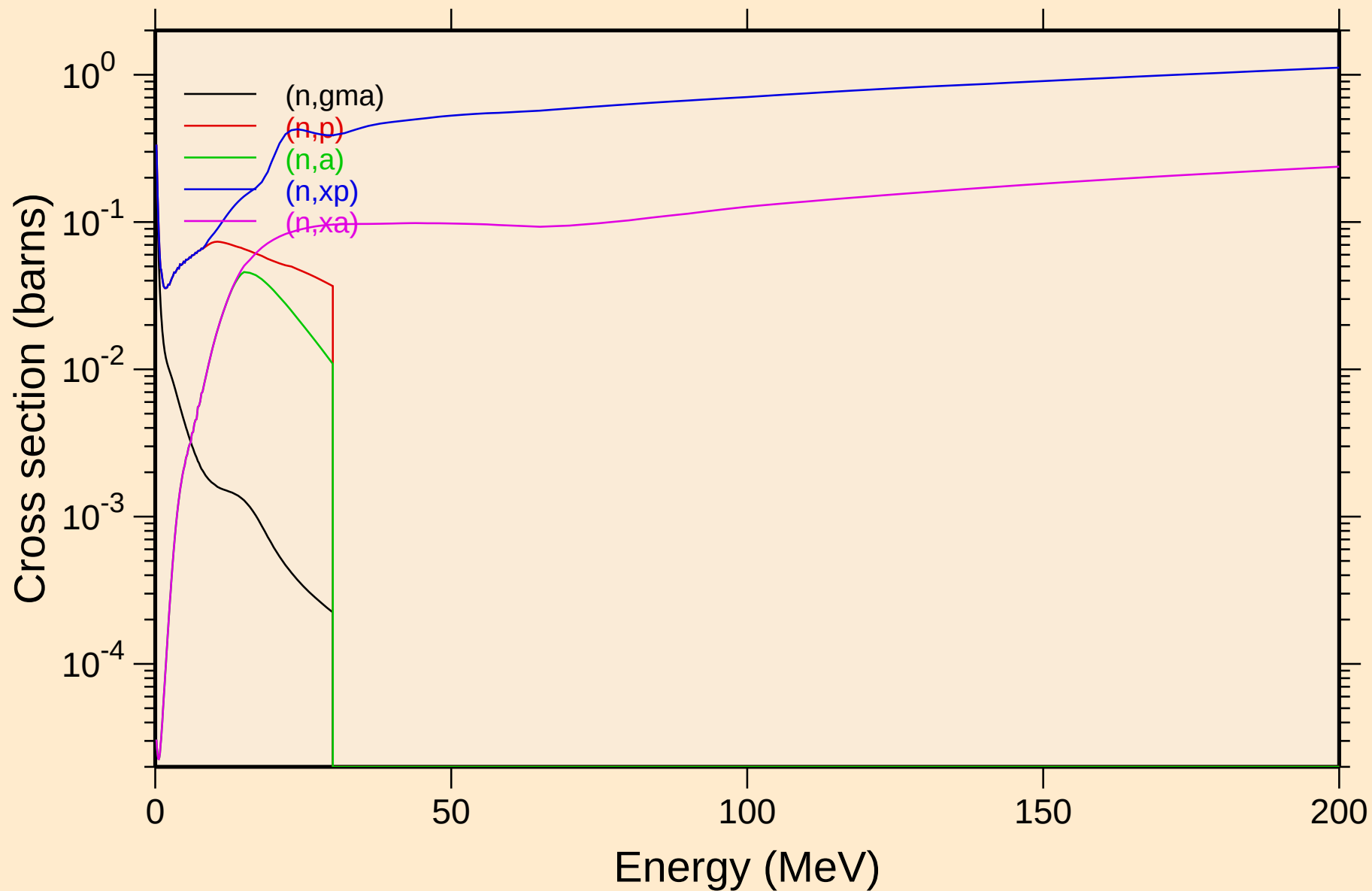


# BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage



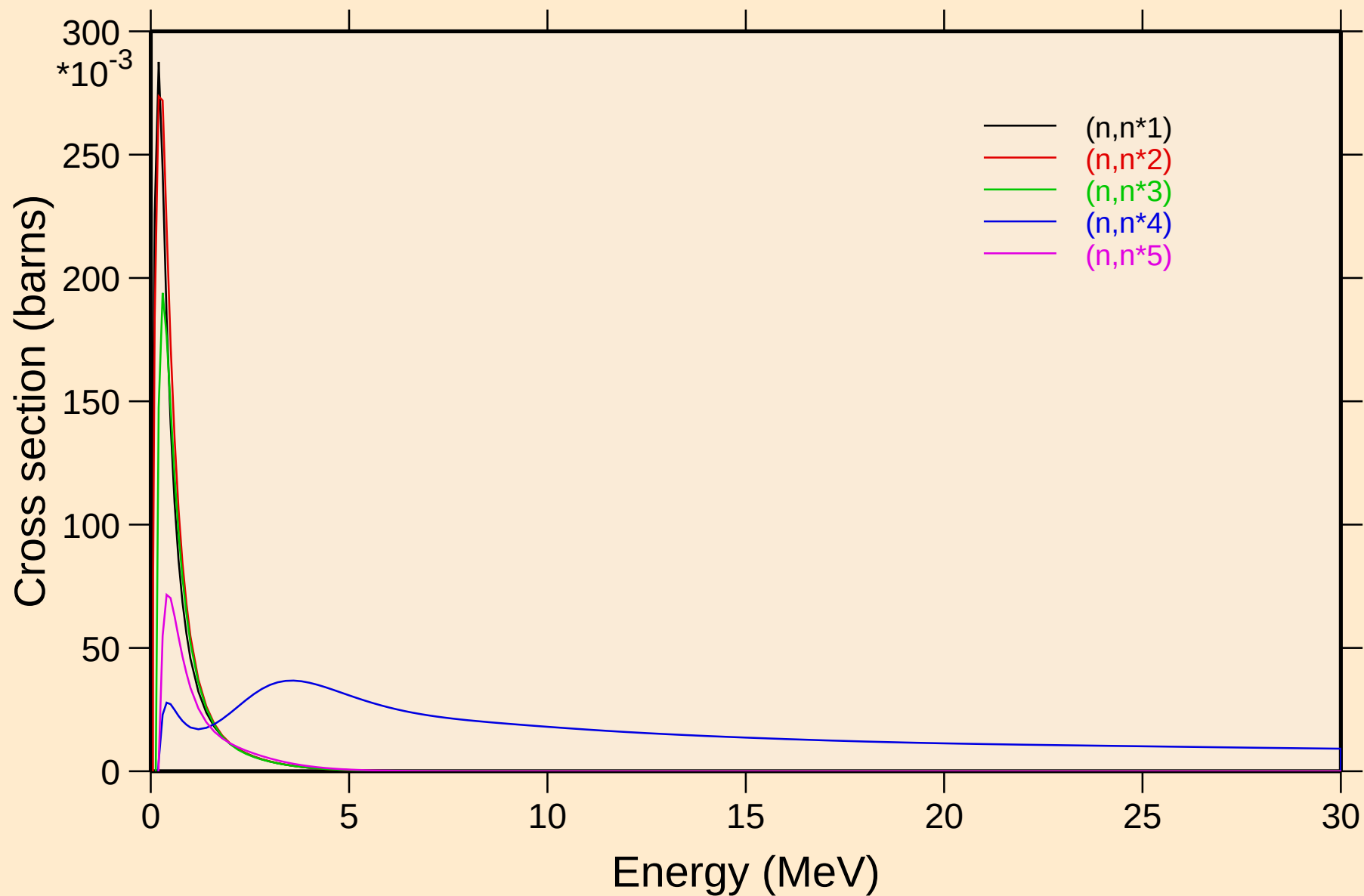
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions





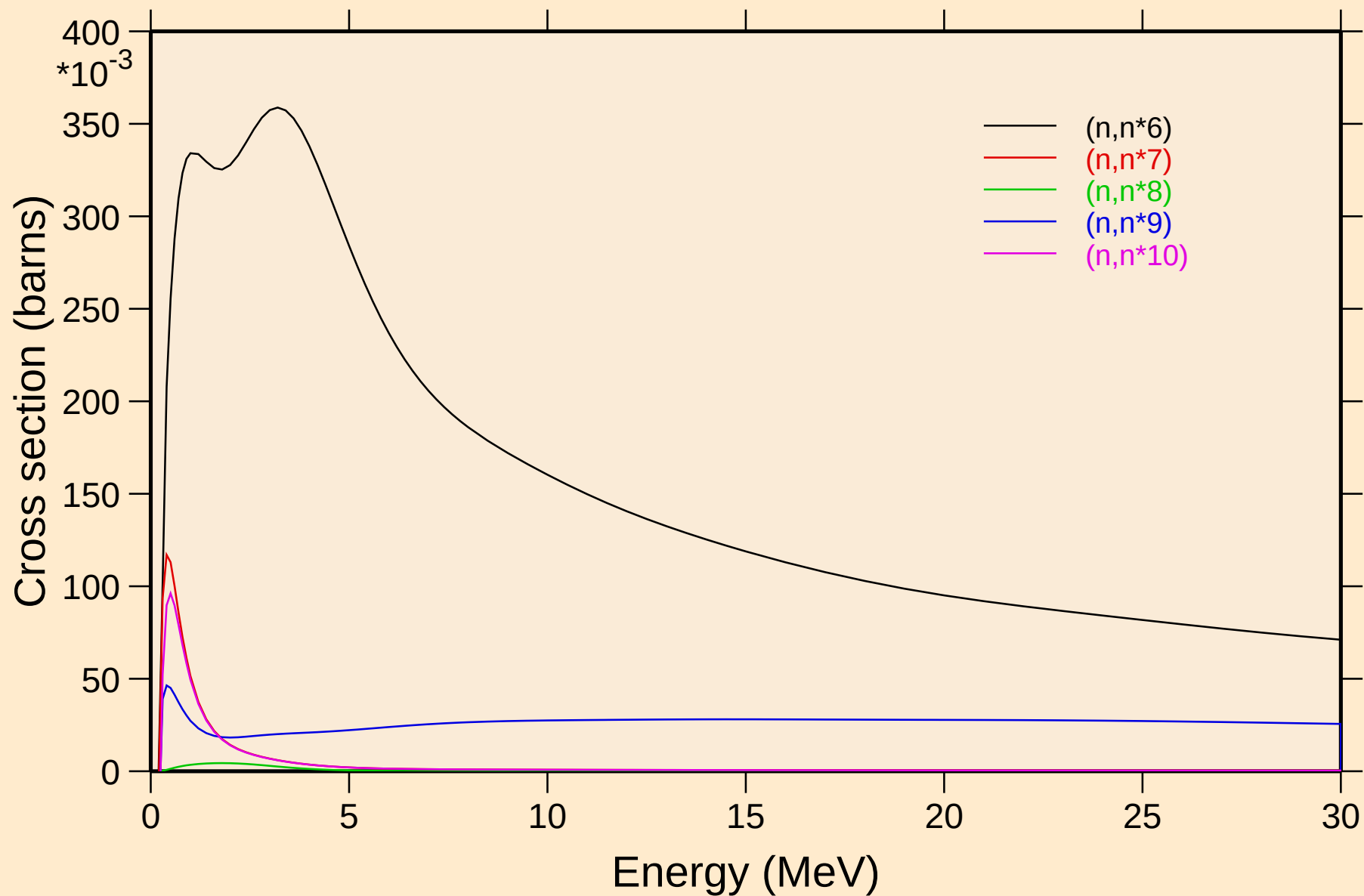
# BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



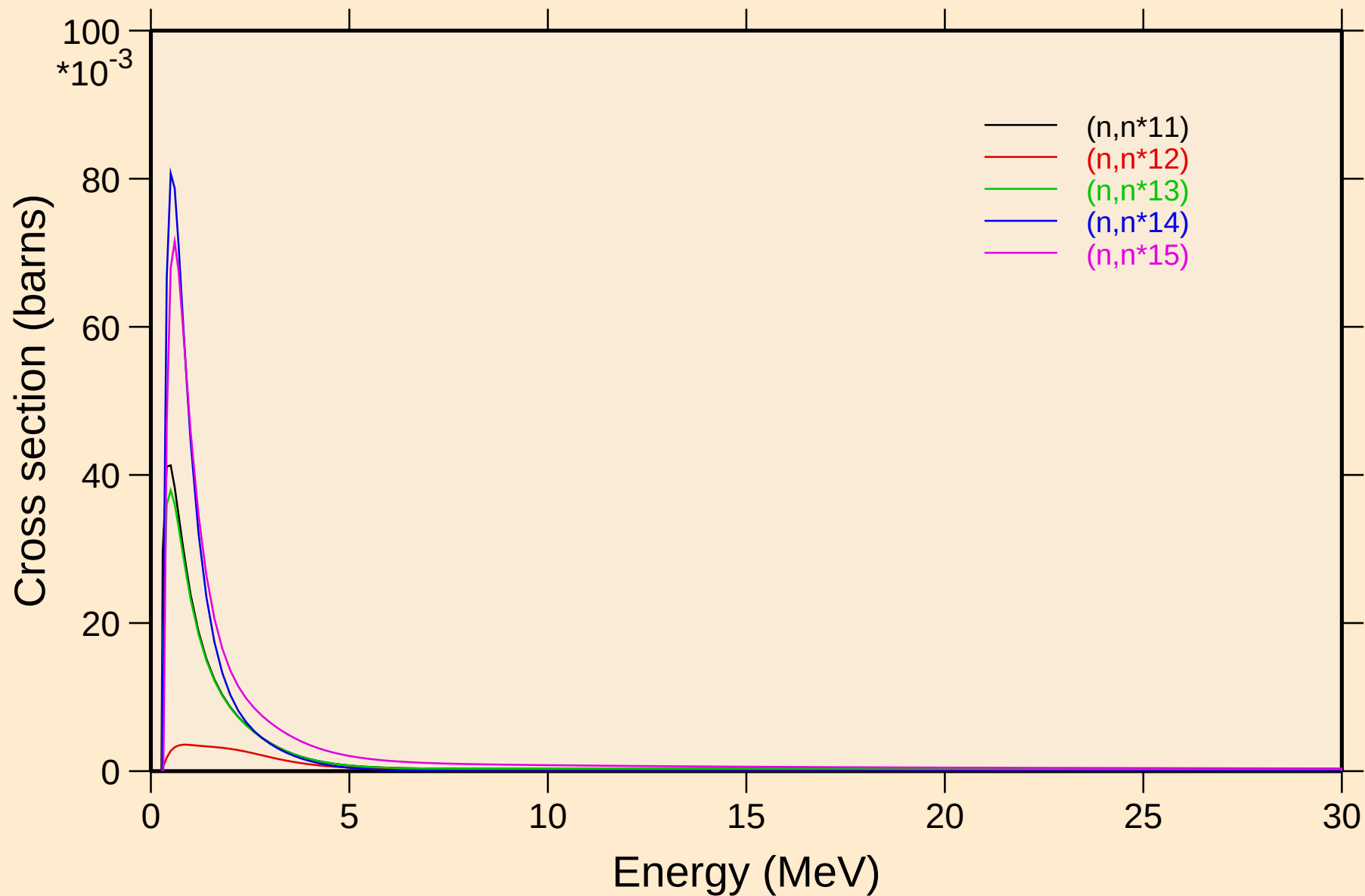
# BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



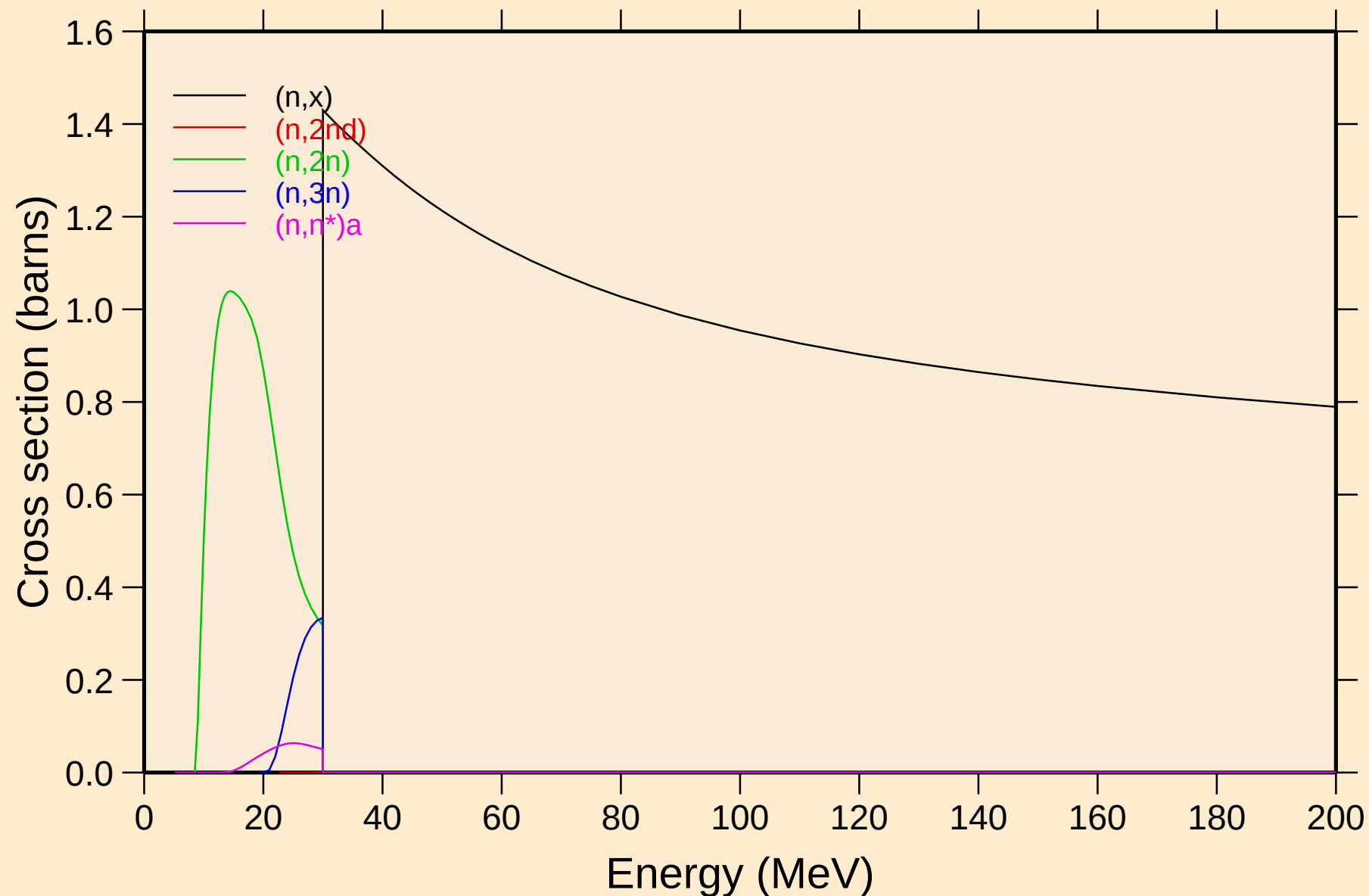
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## Inelastic levels

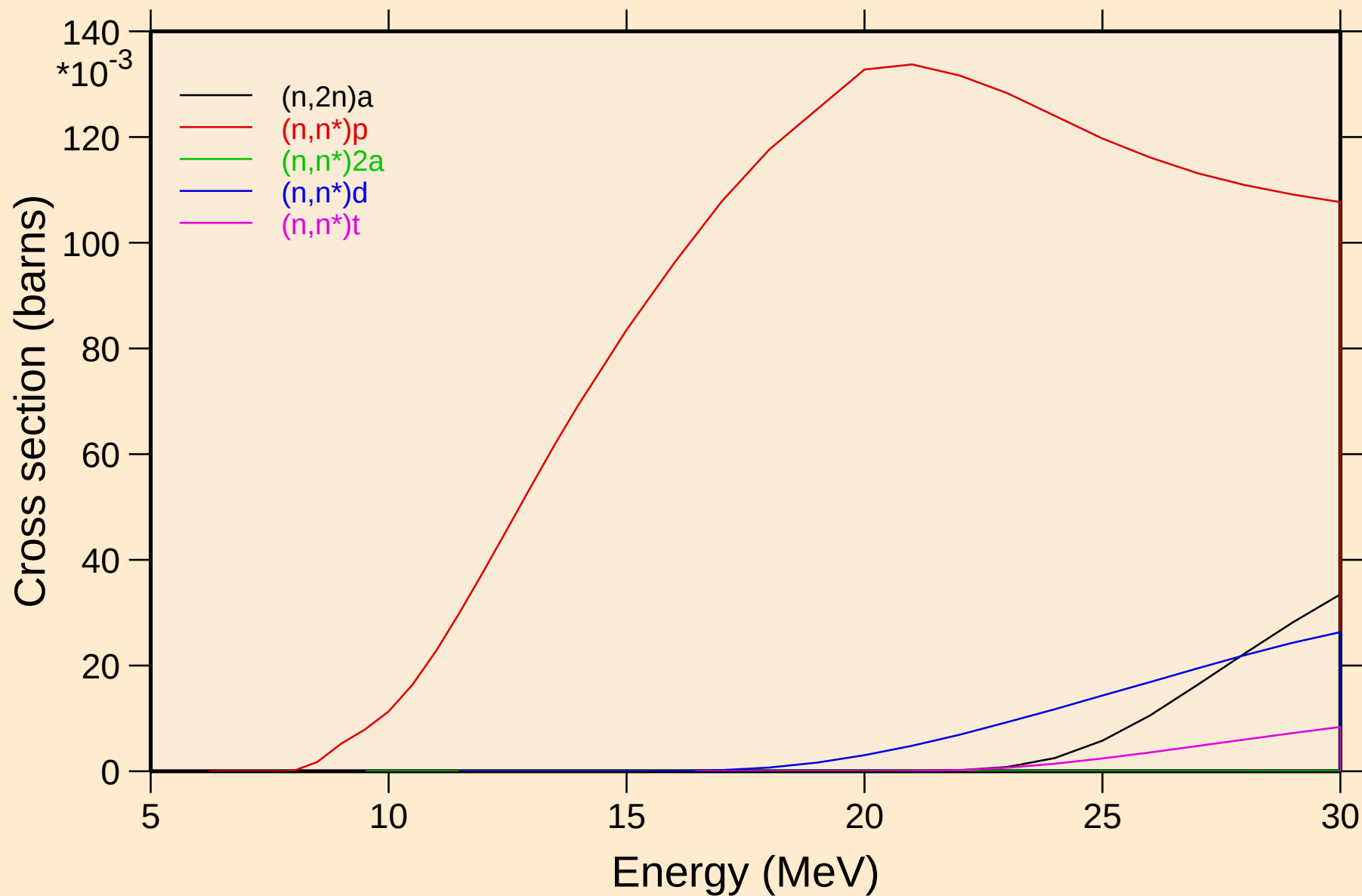


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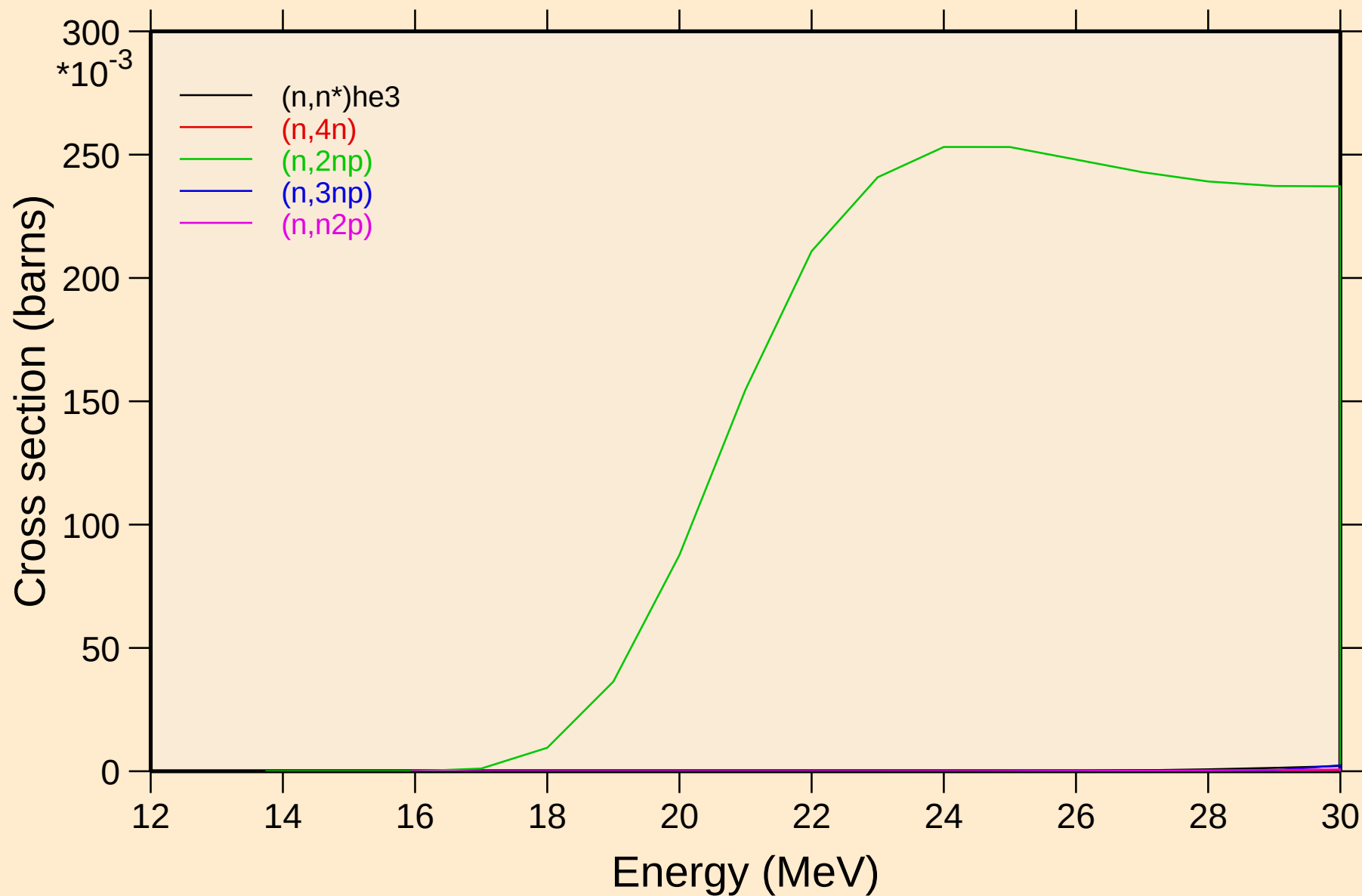
## Threshold reactions



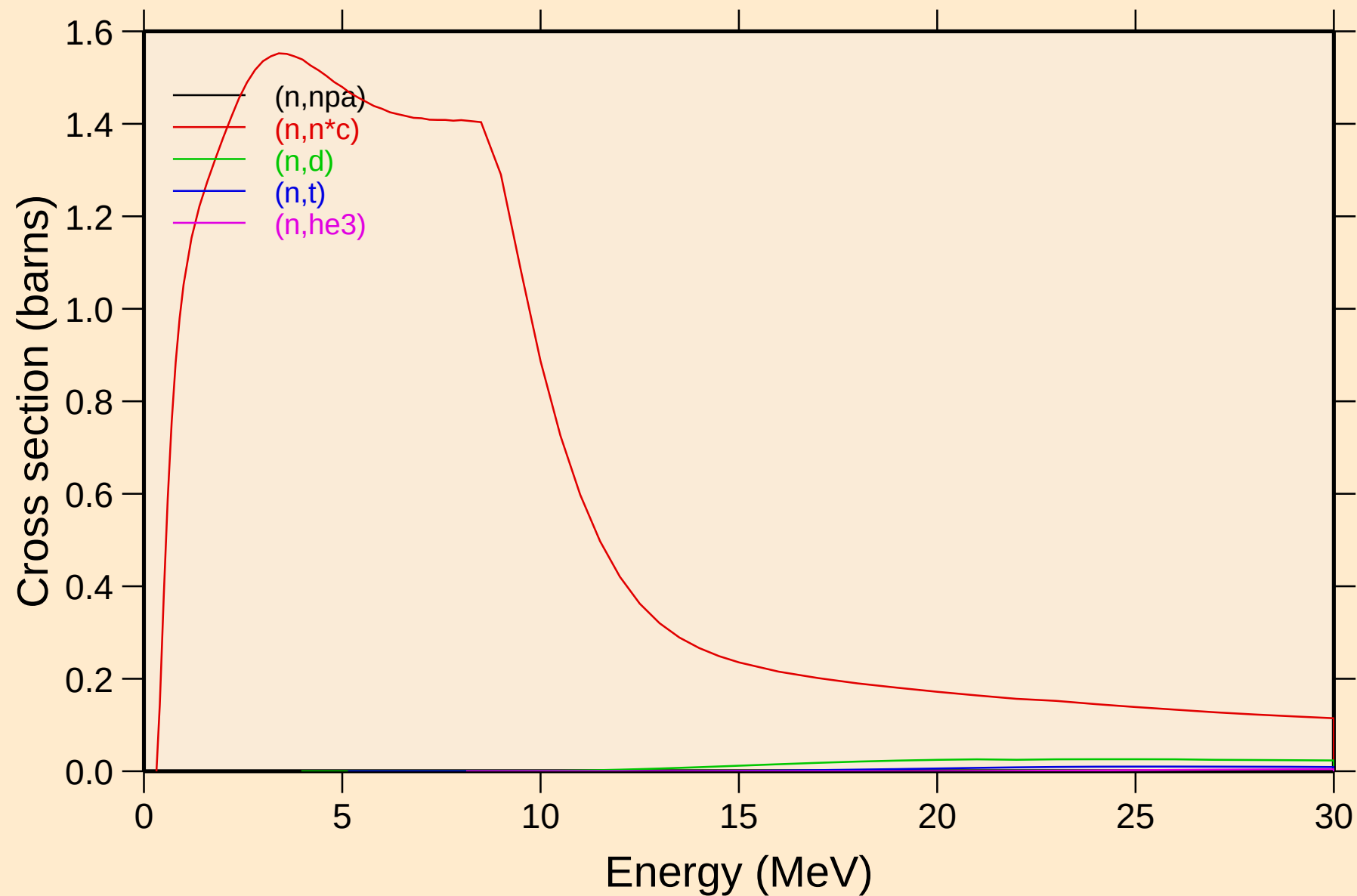
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



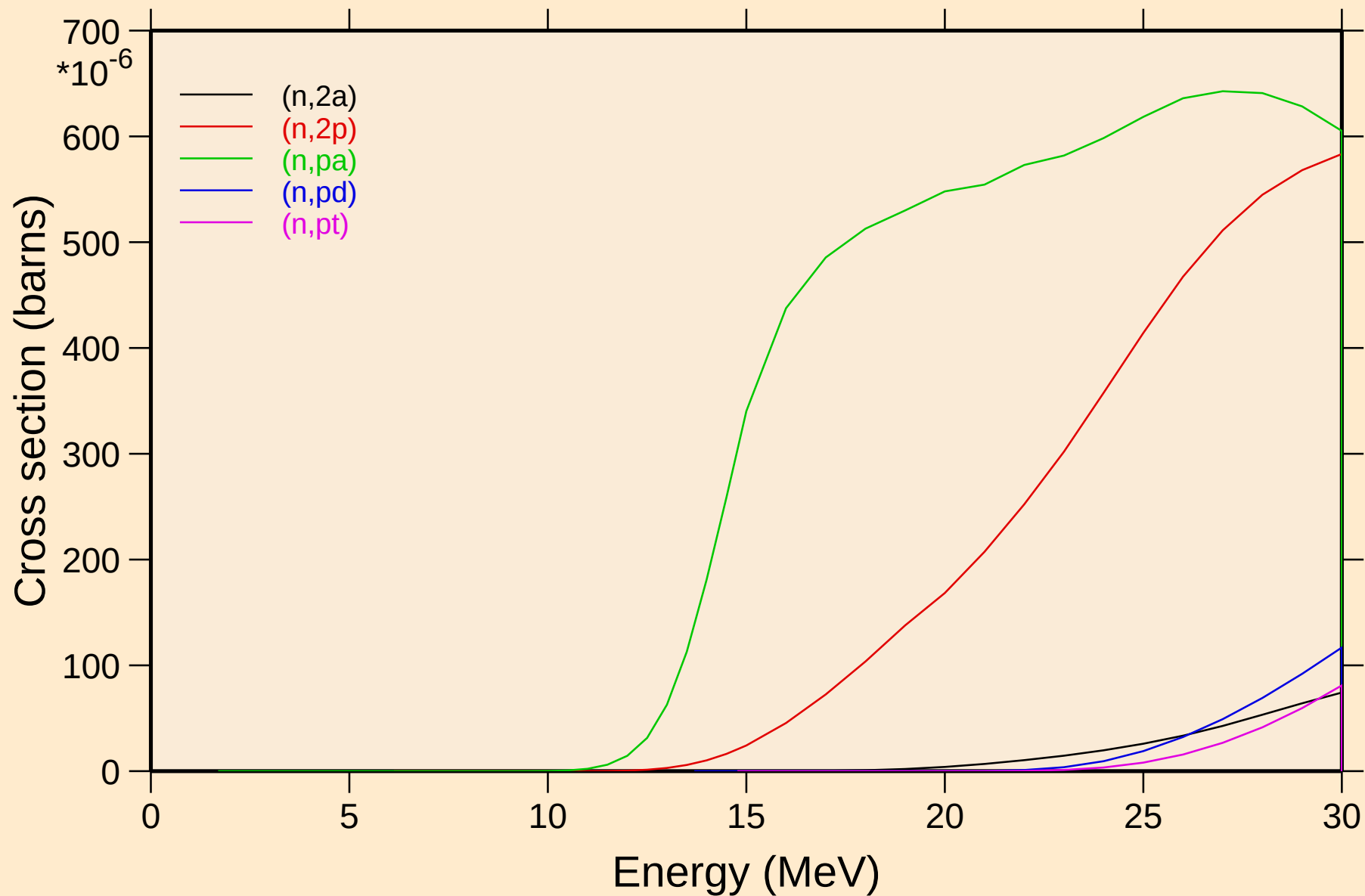
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



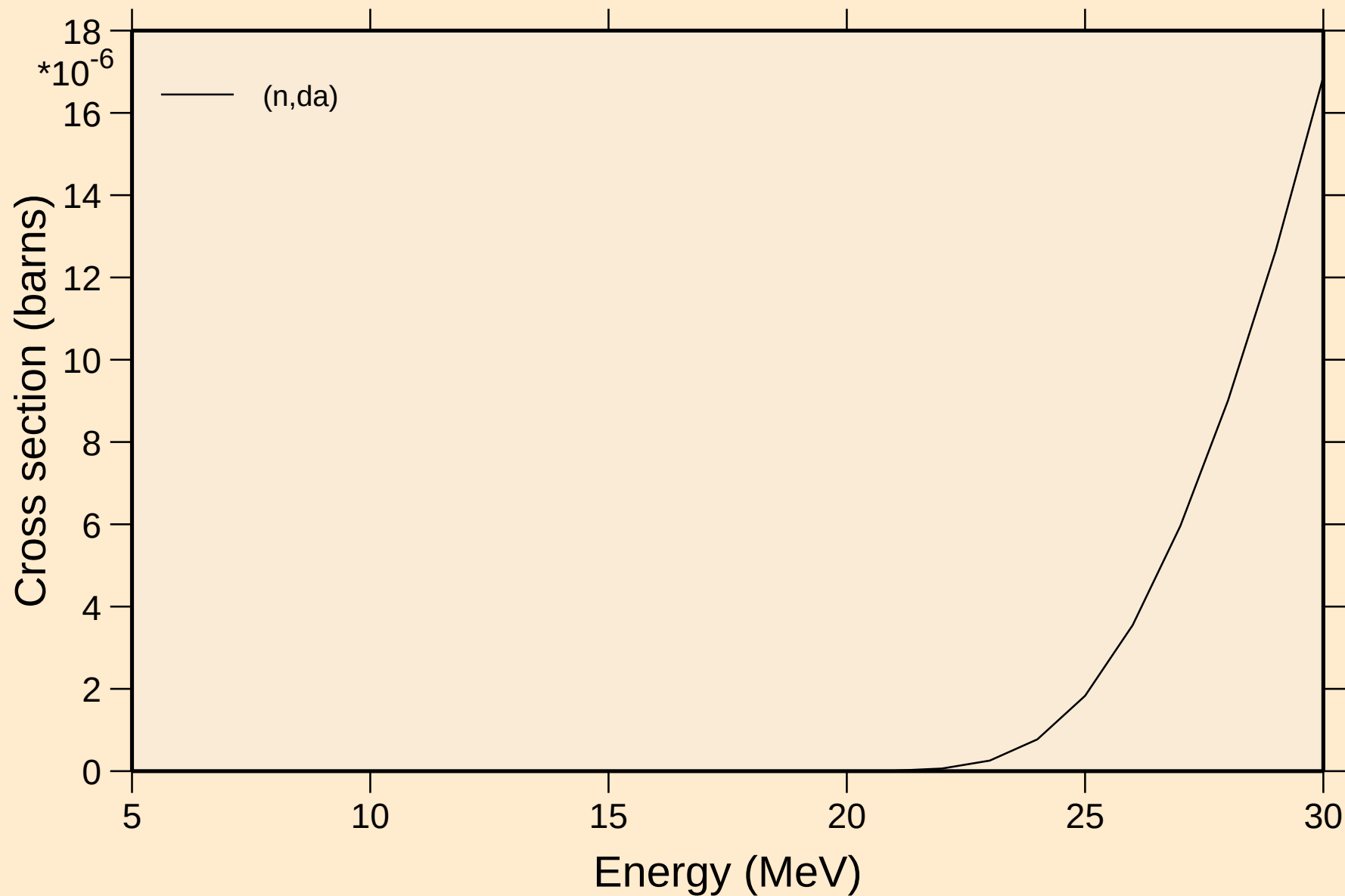
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



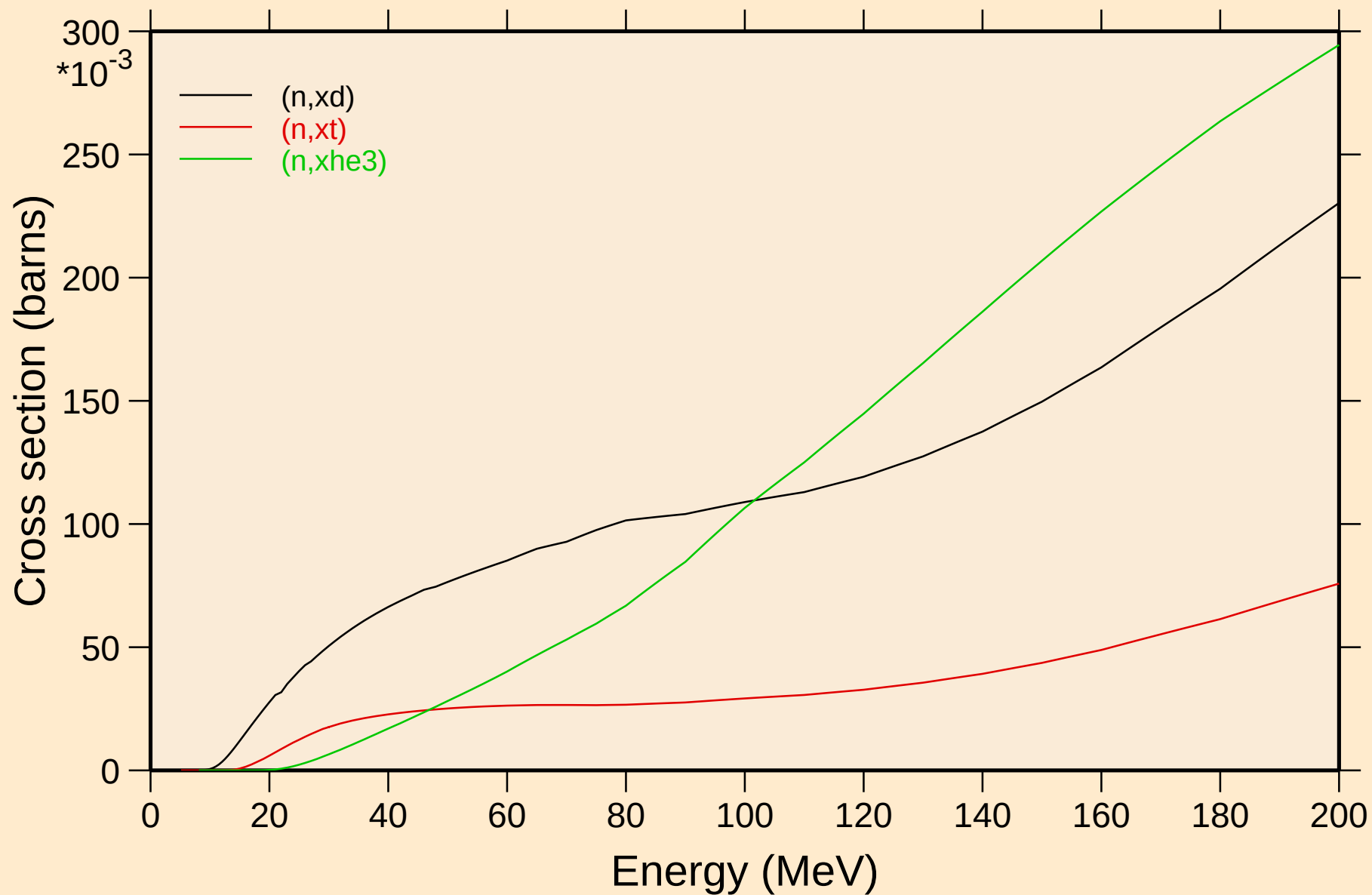


# BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

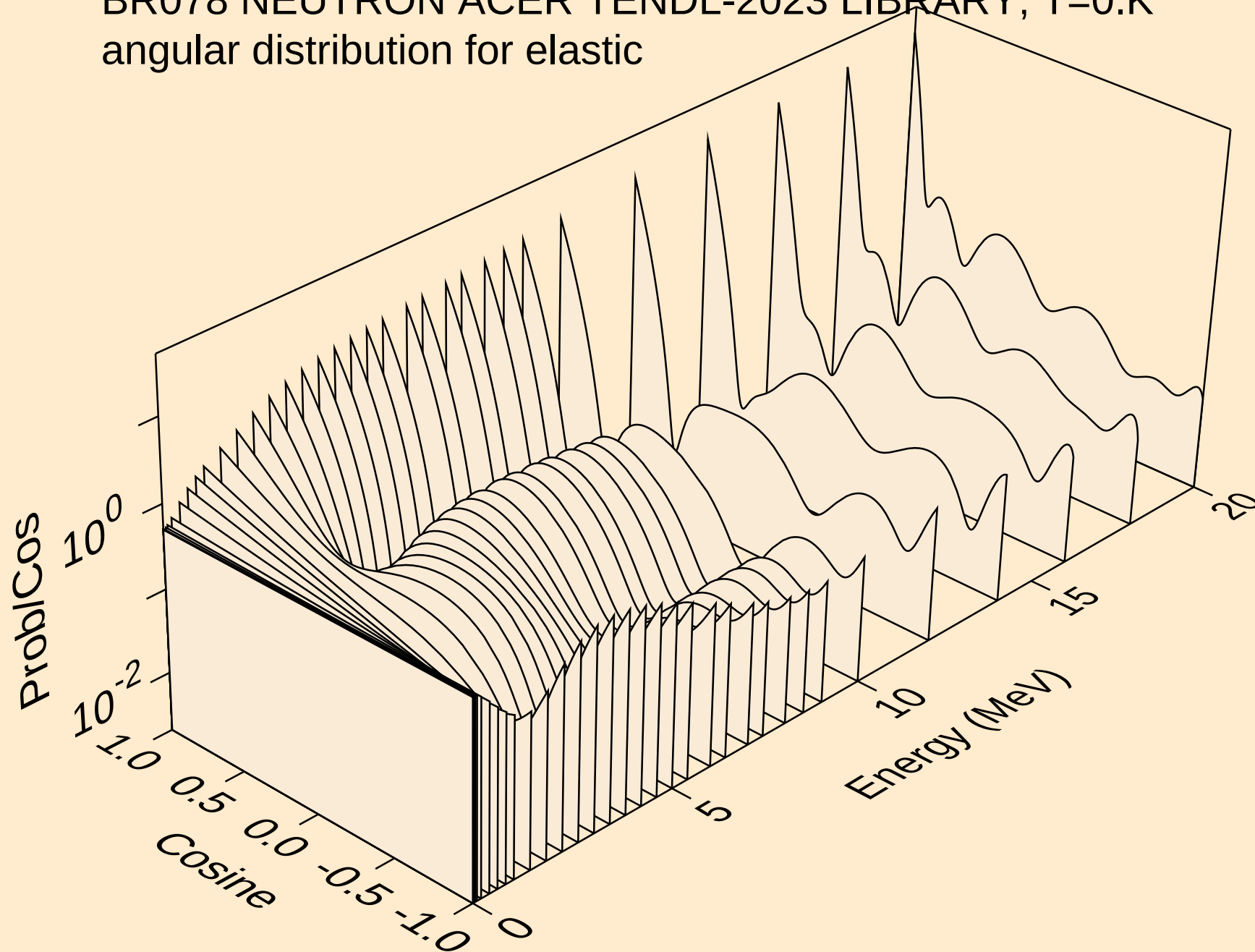
Threshold reactions



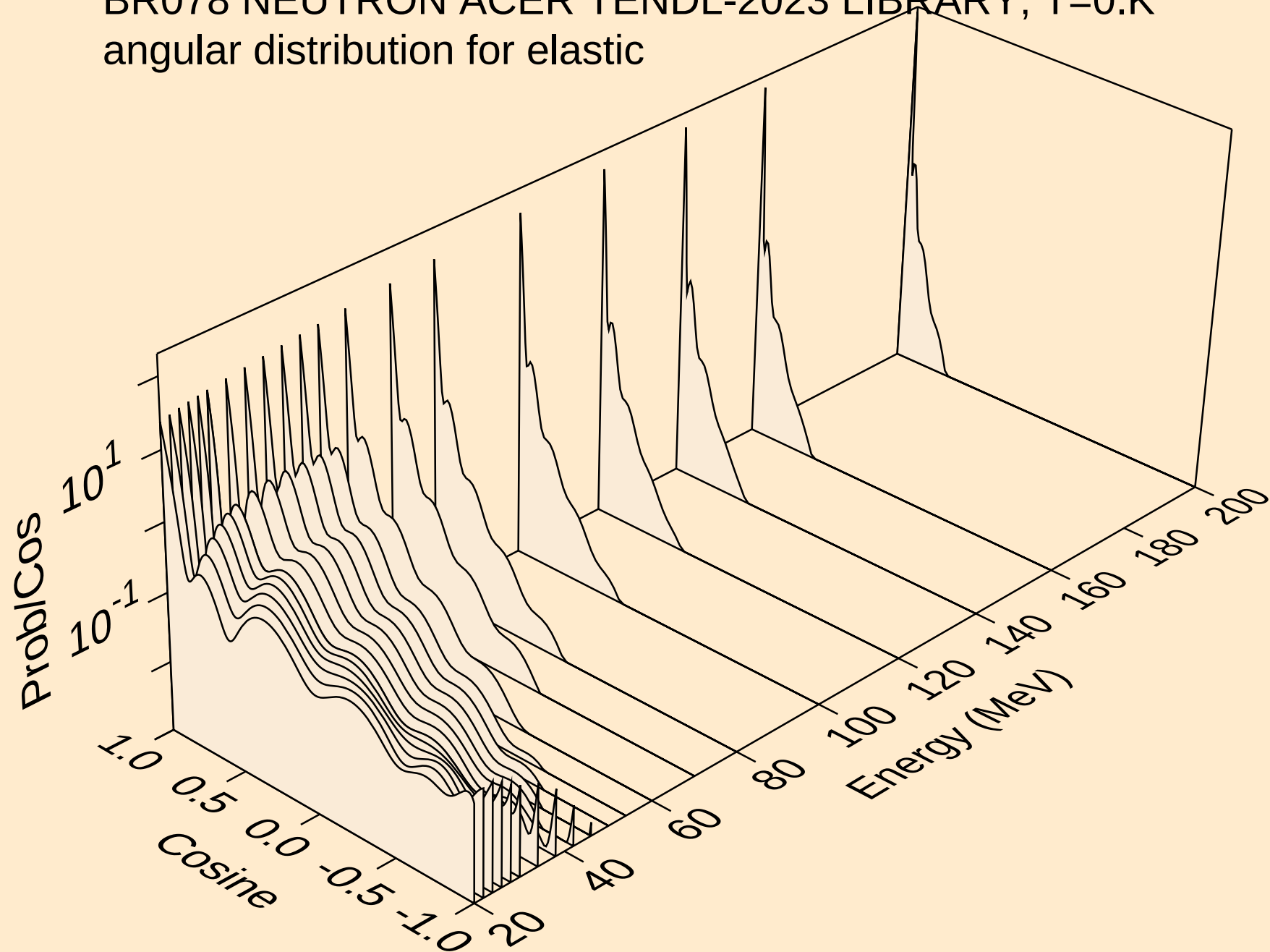
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



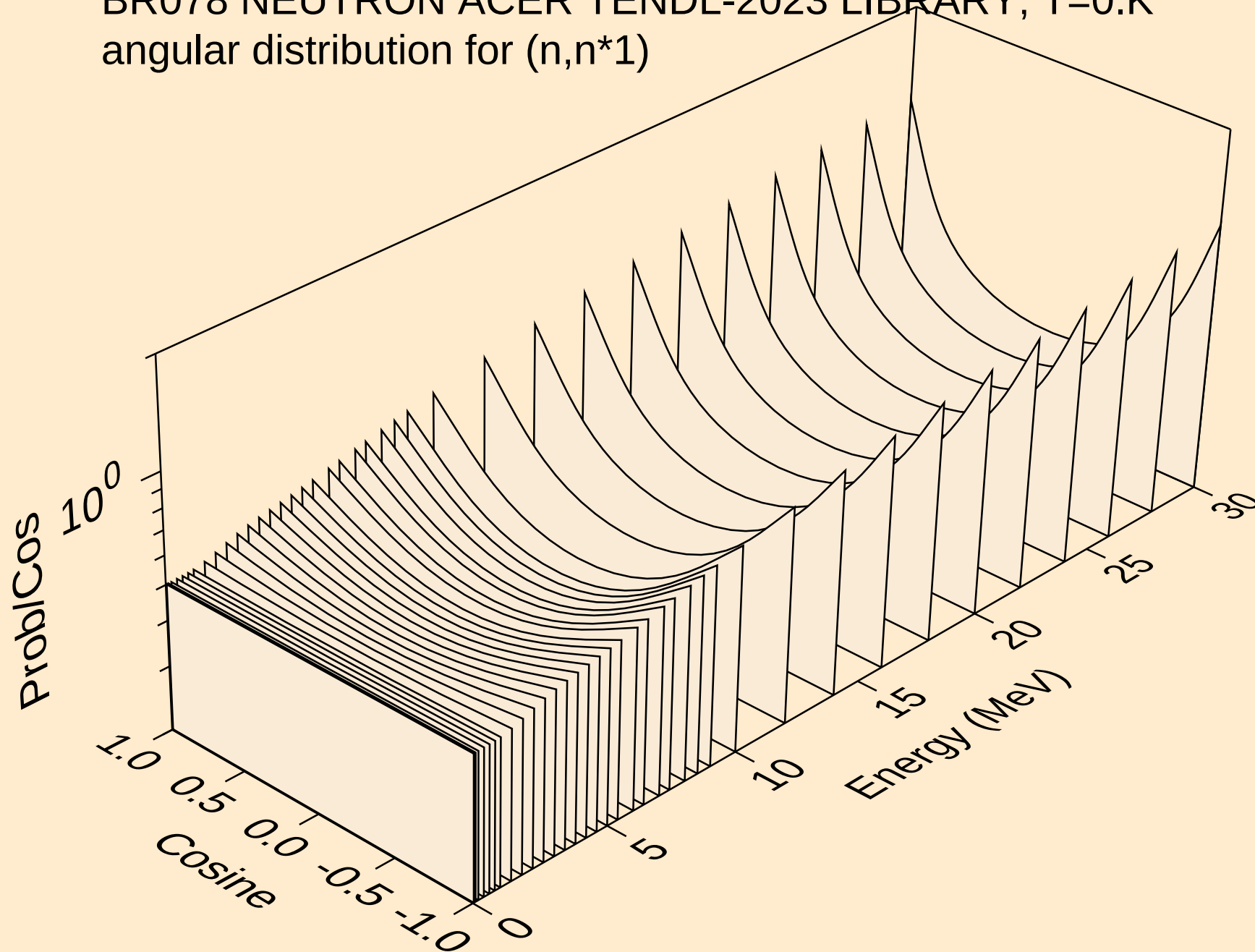
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



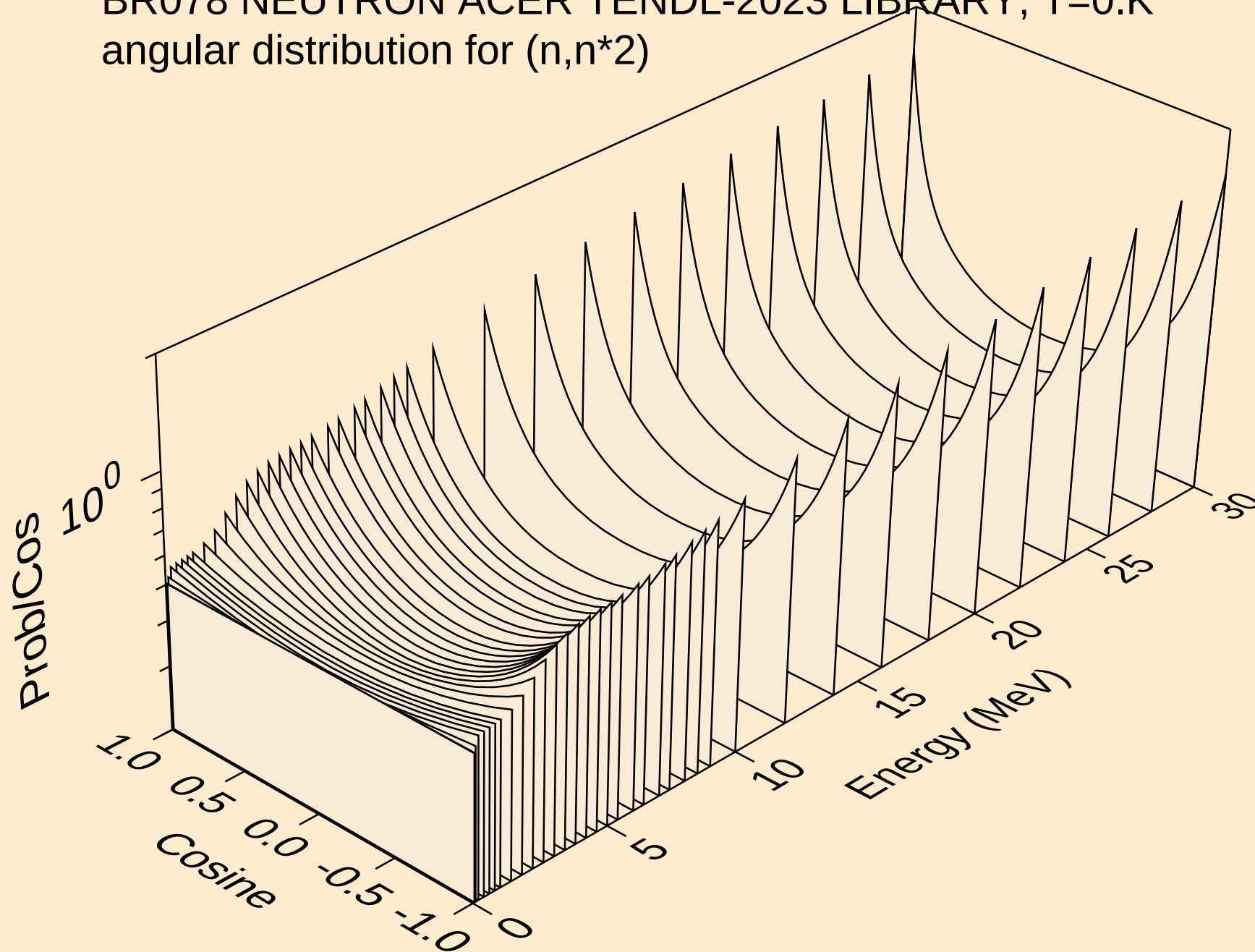
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angular distribution for elastic



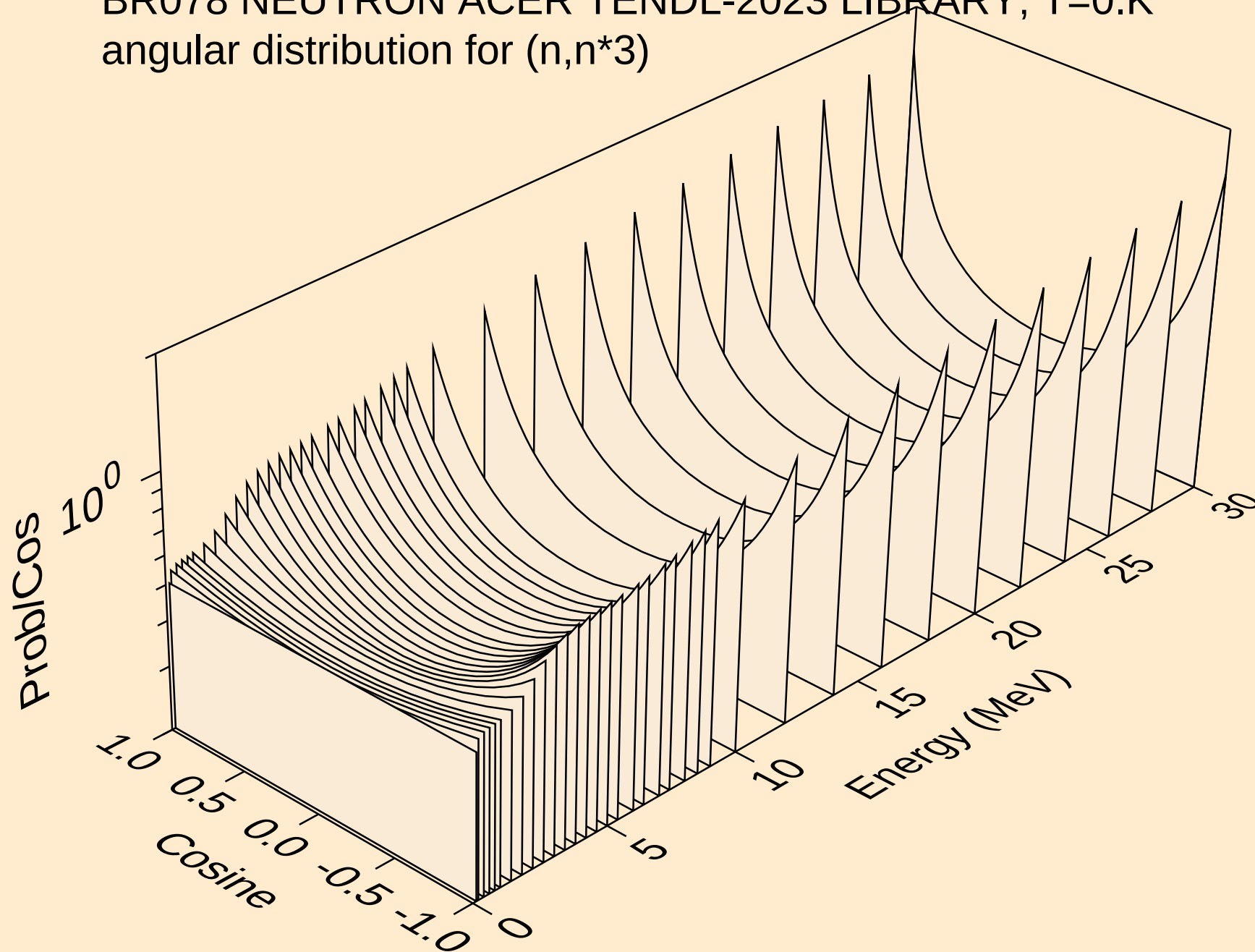
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



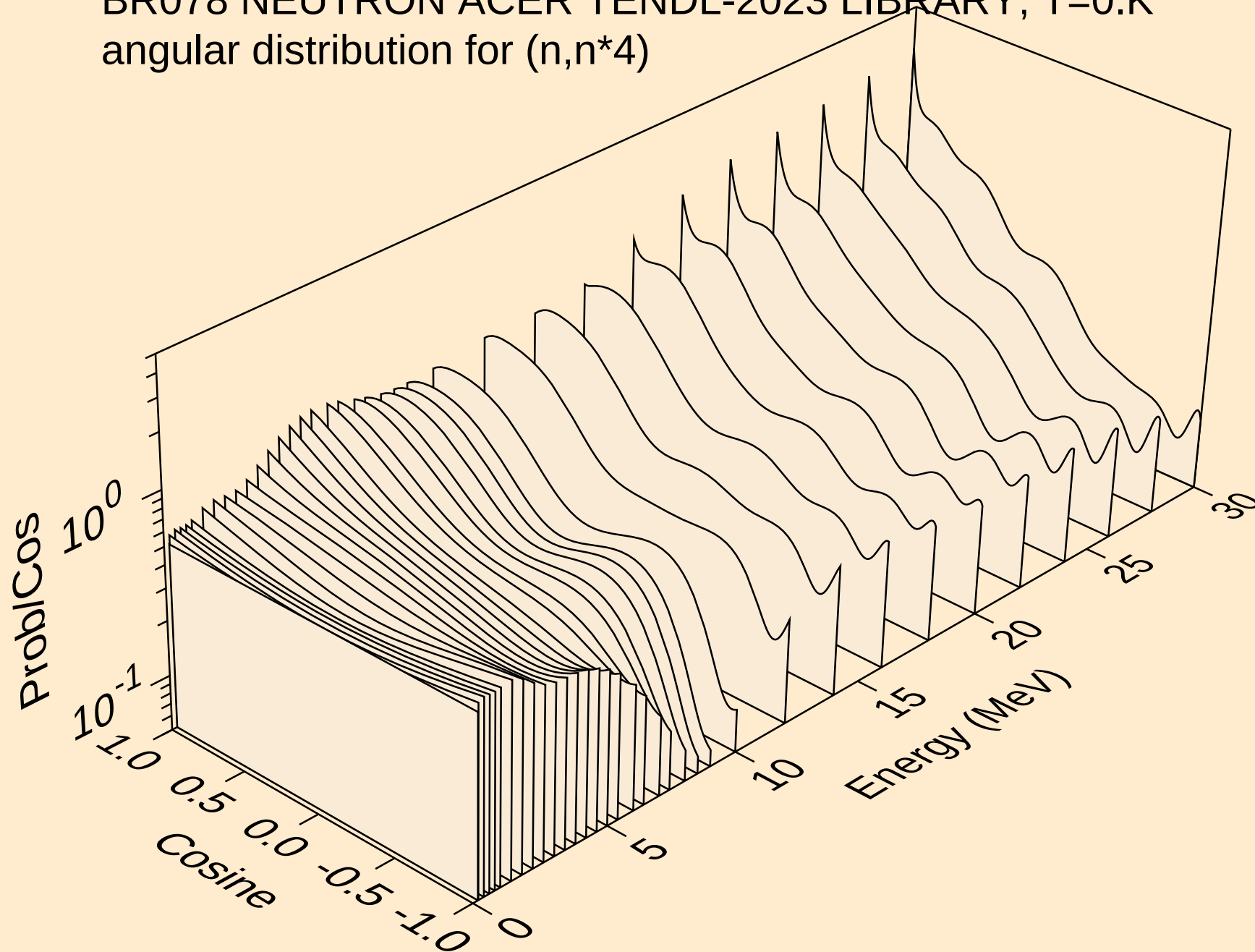
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

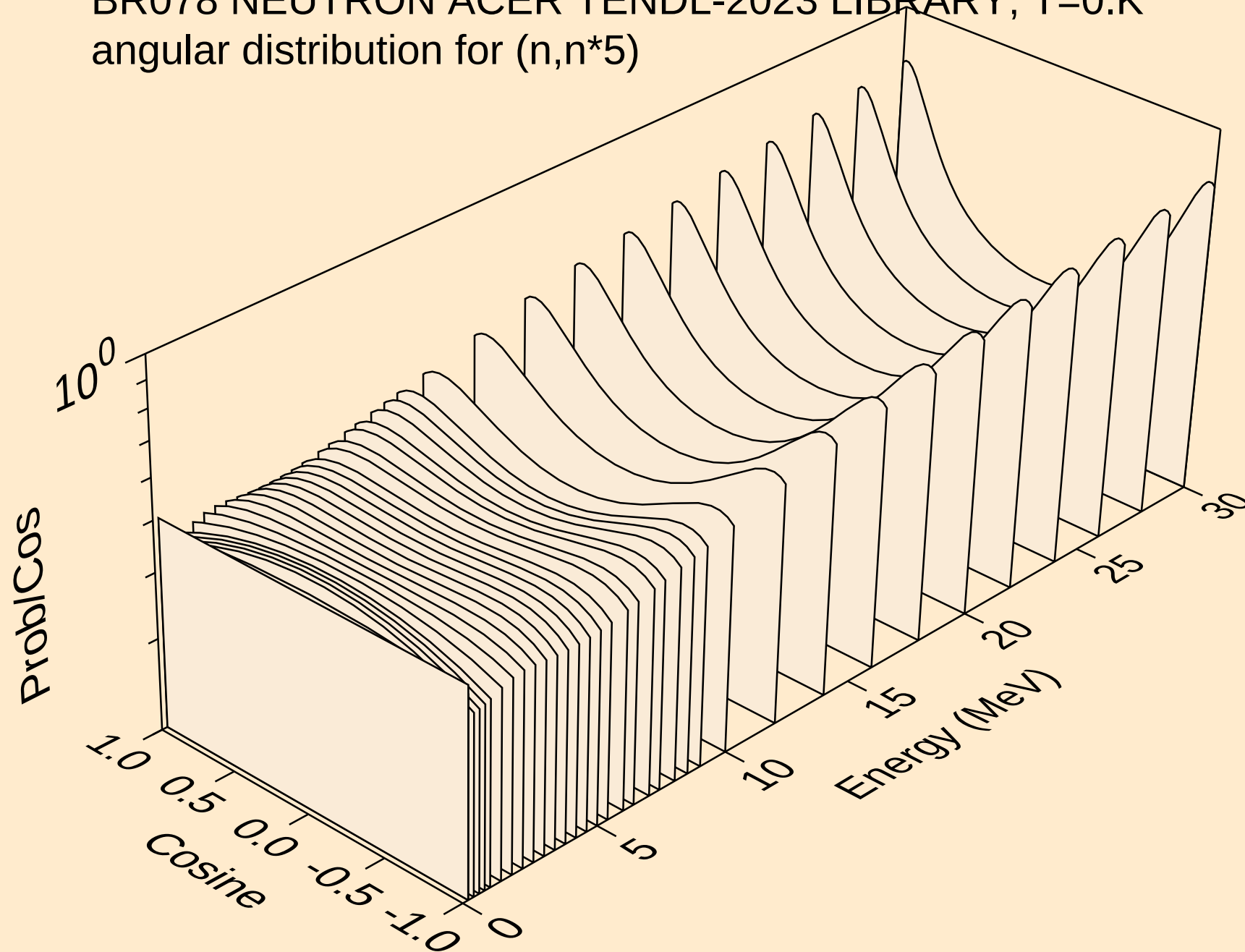


BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

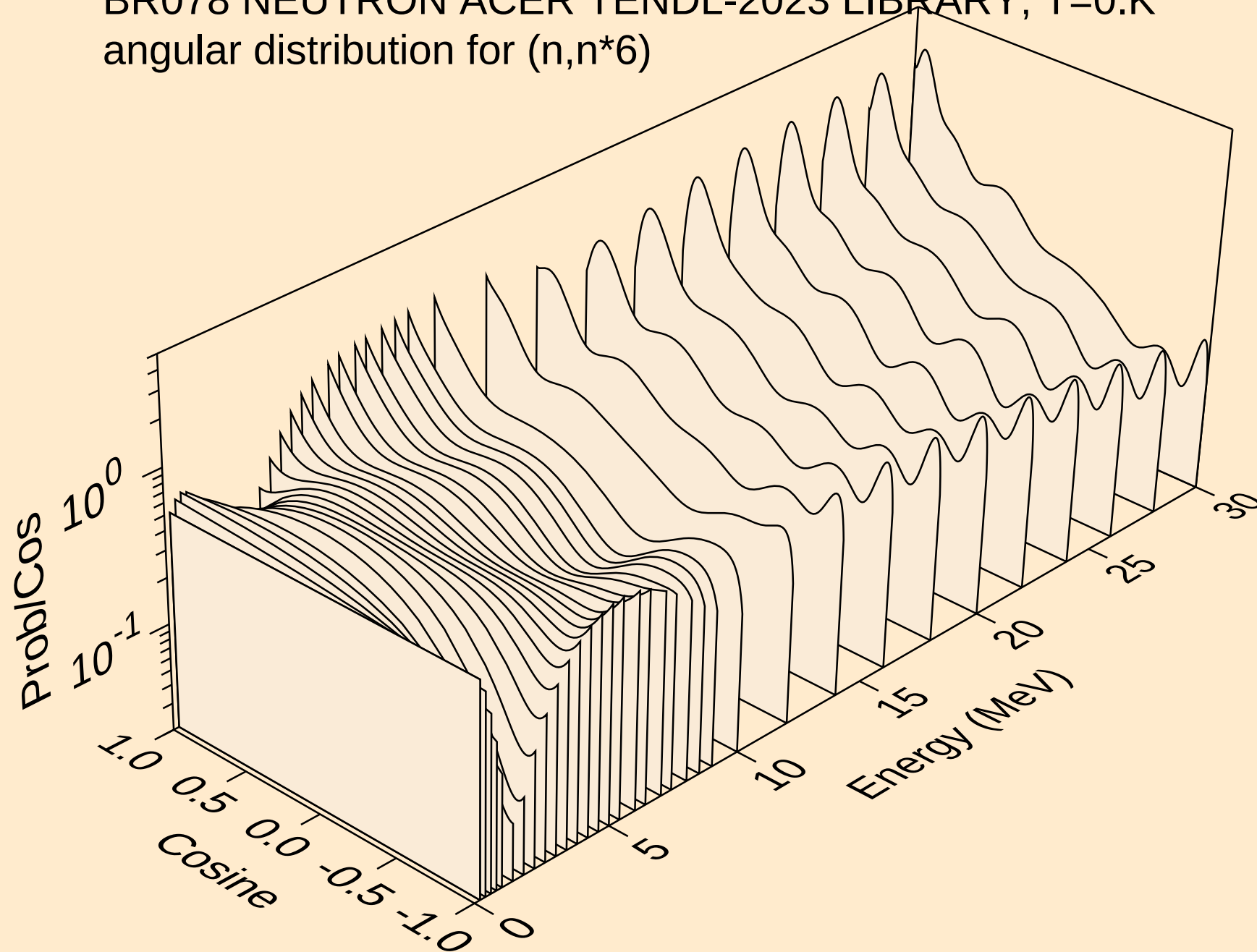




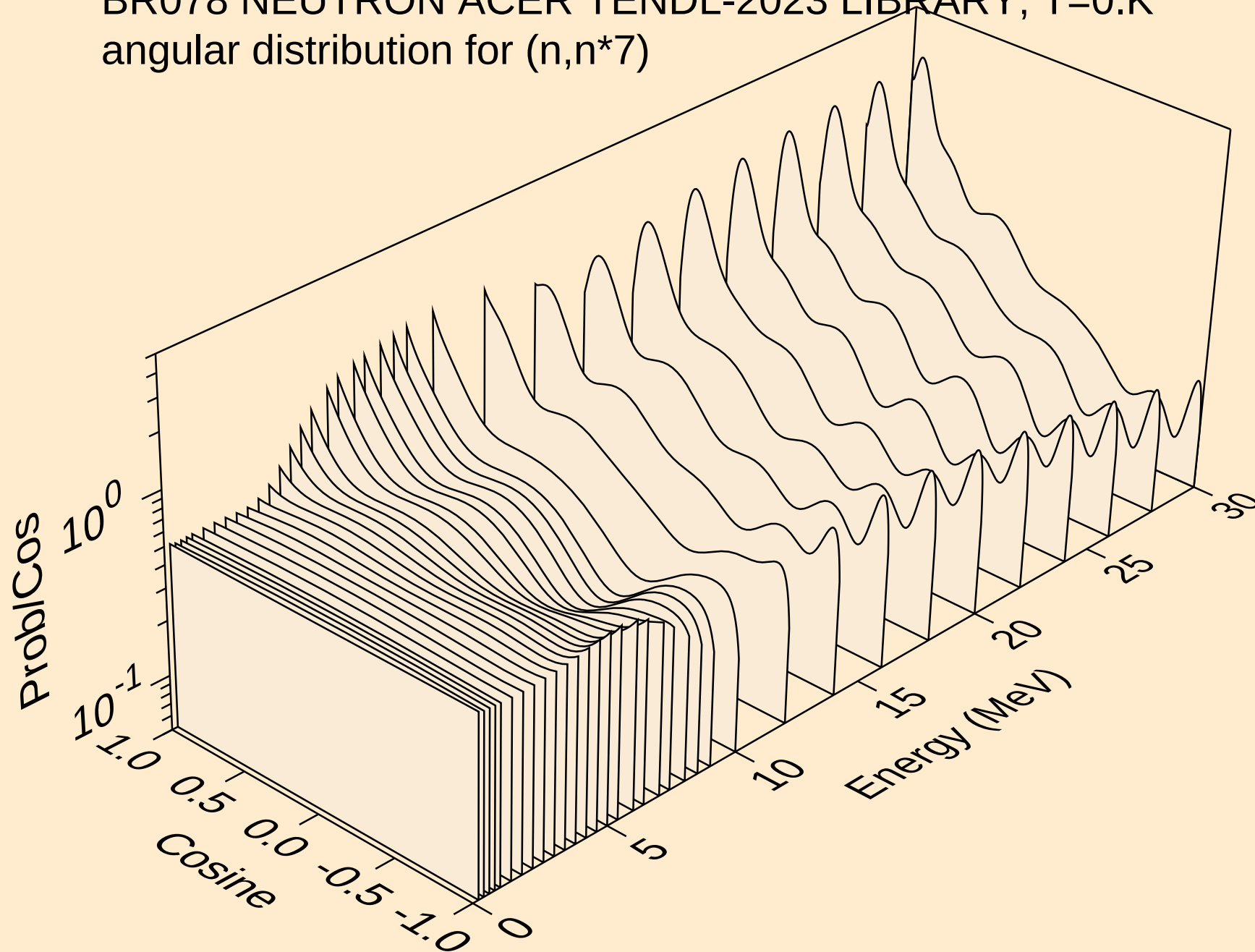
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angular distribution for (n,n\*5)



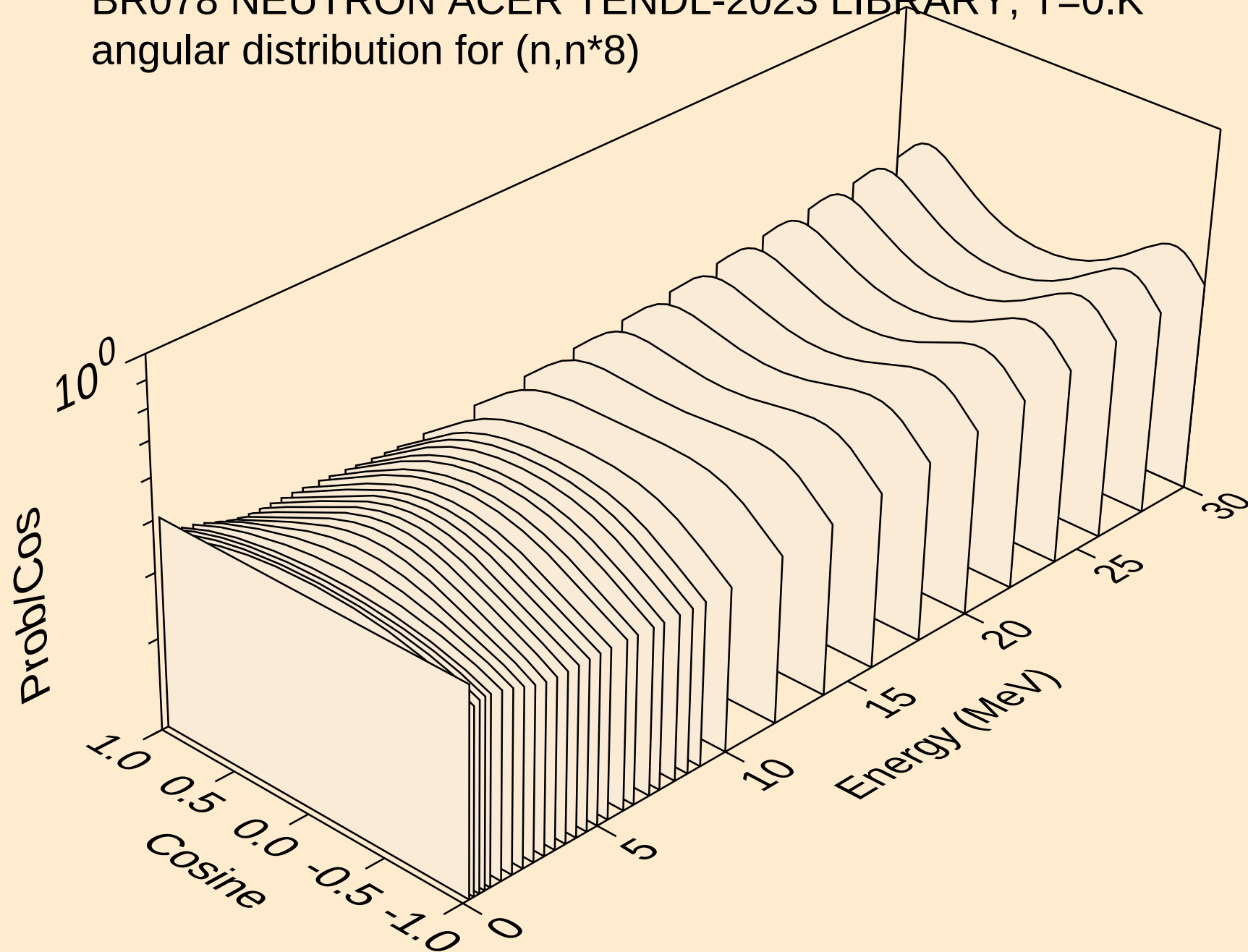
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angular distribution for (n,n\*6)



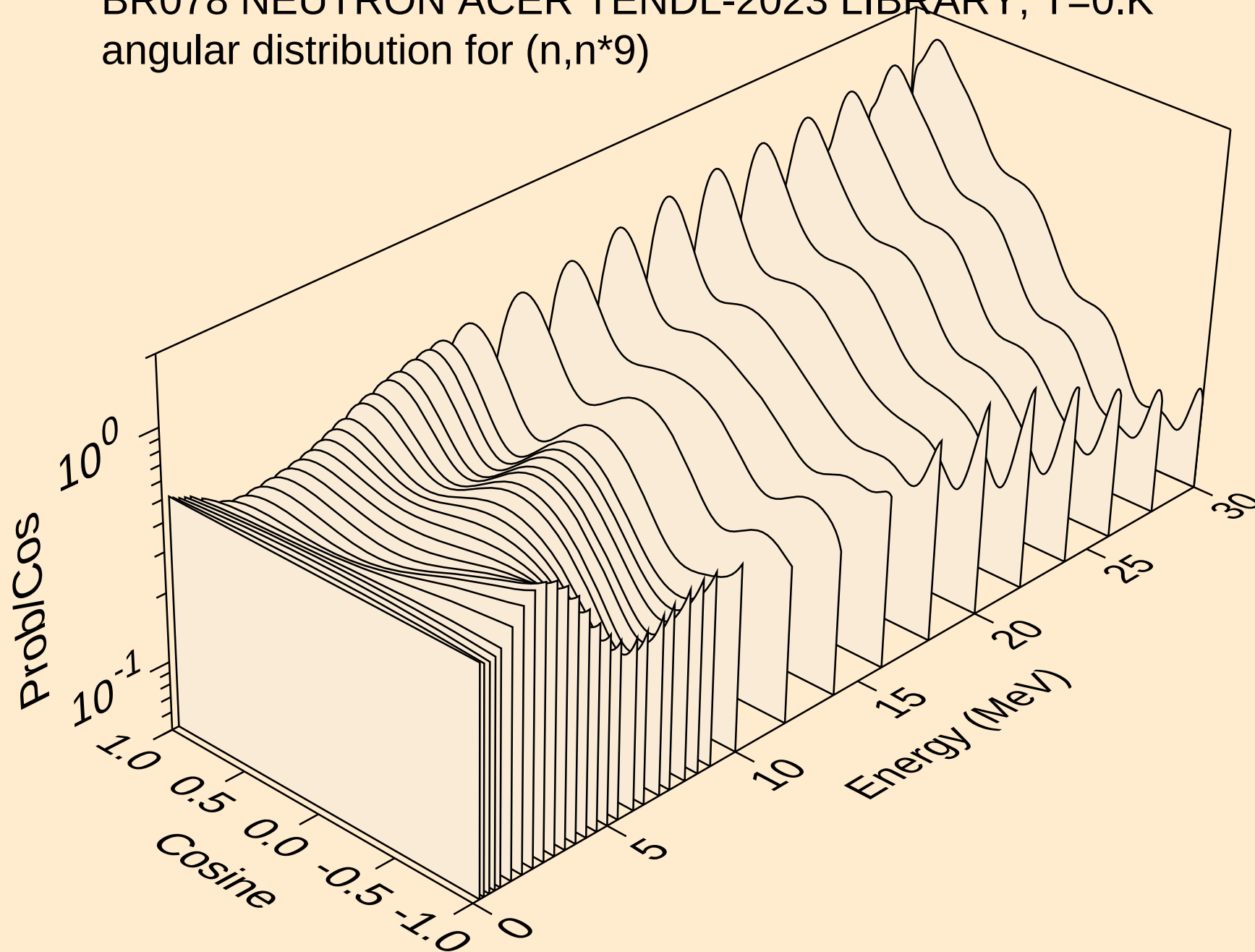
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angular distribution for (n,n\*7)



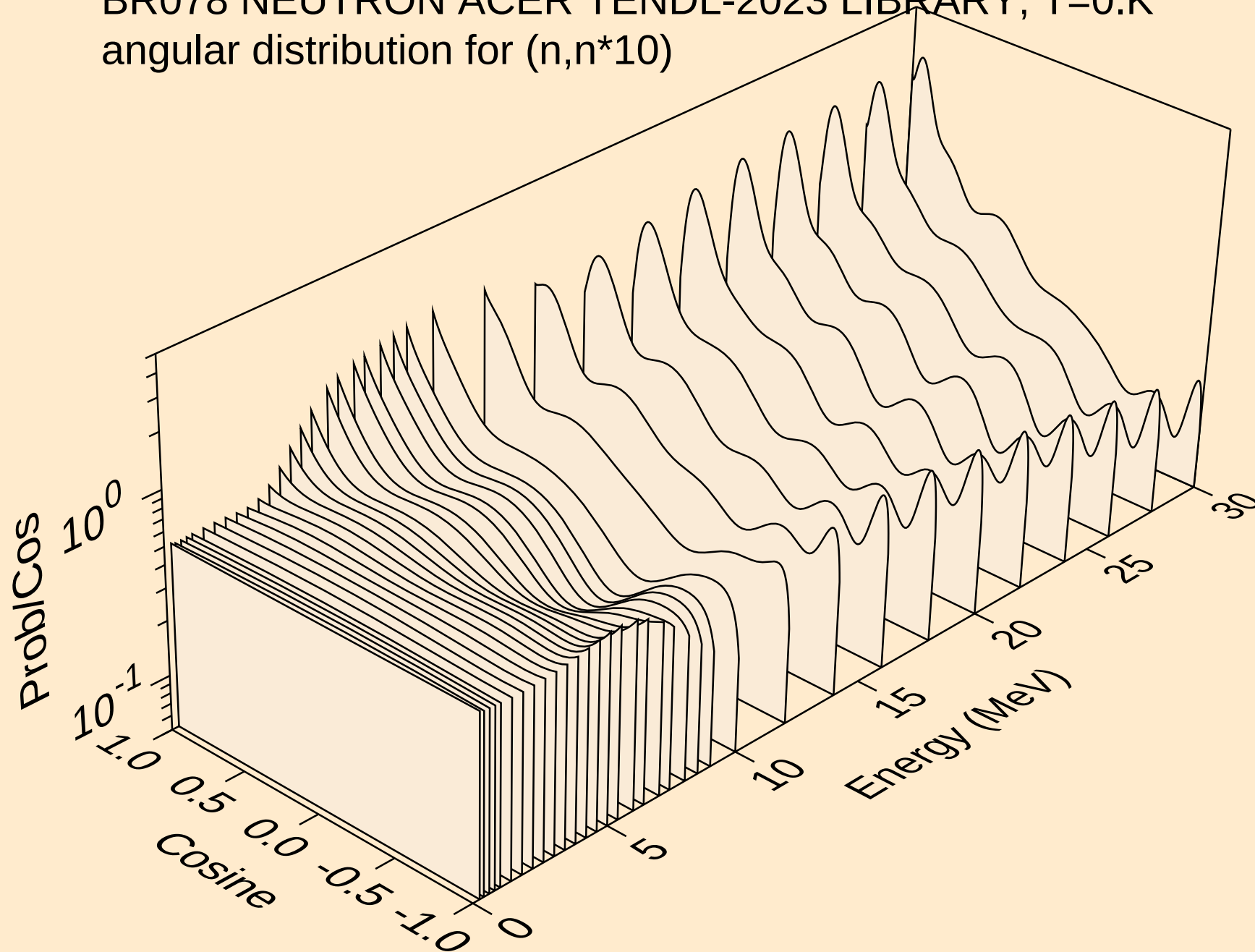
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angular distribution for (n,n\*8)



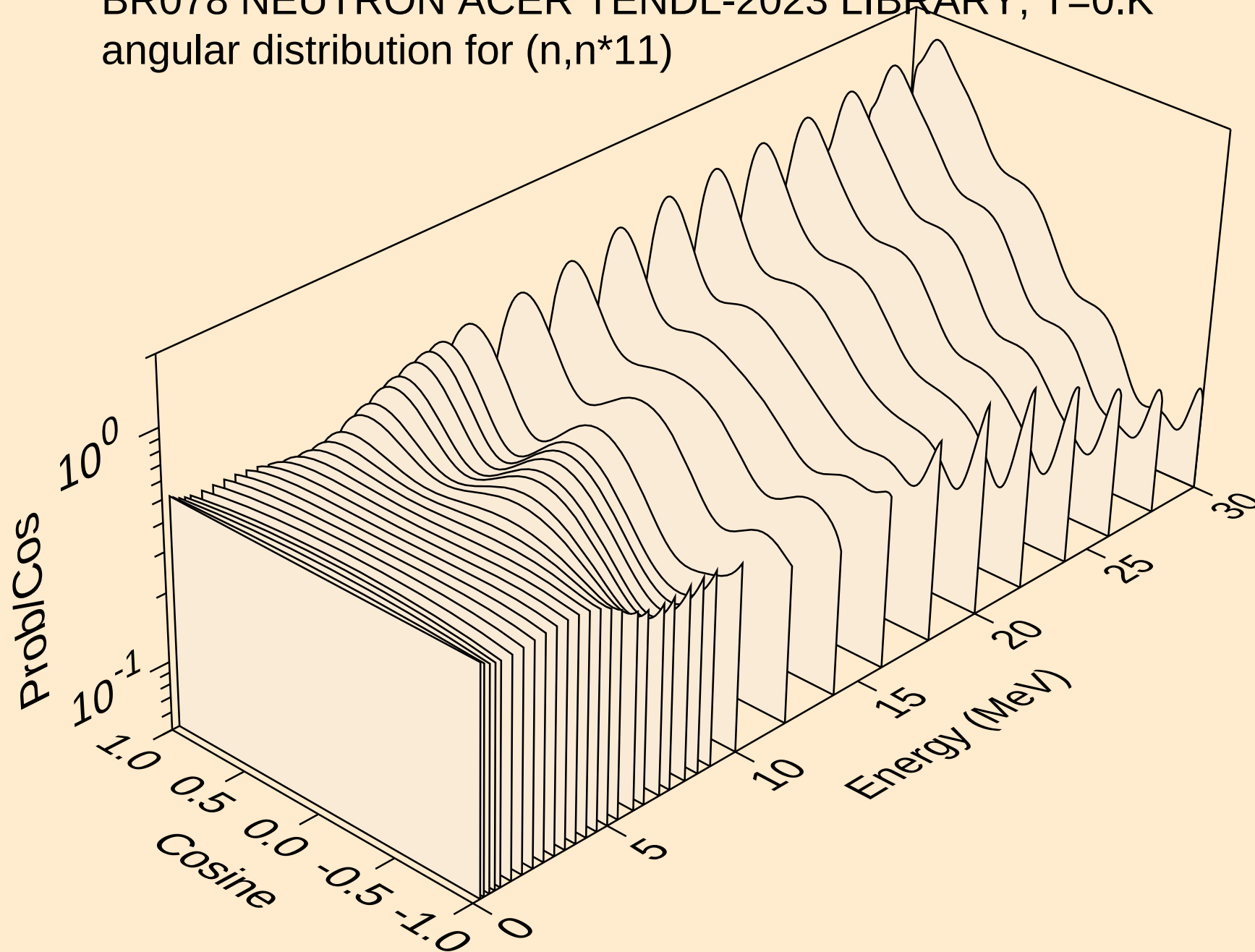
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angular distribution for (n,n\*9)



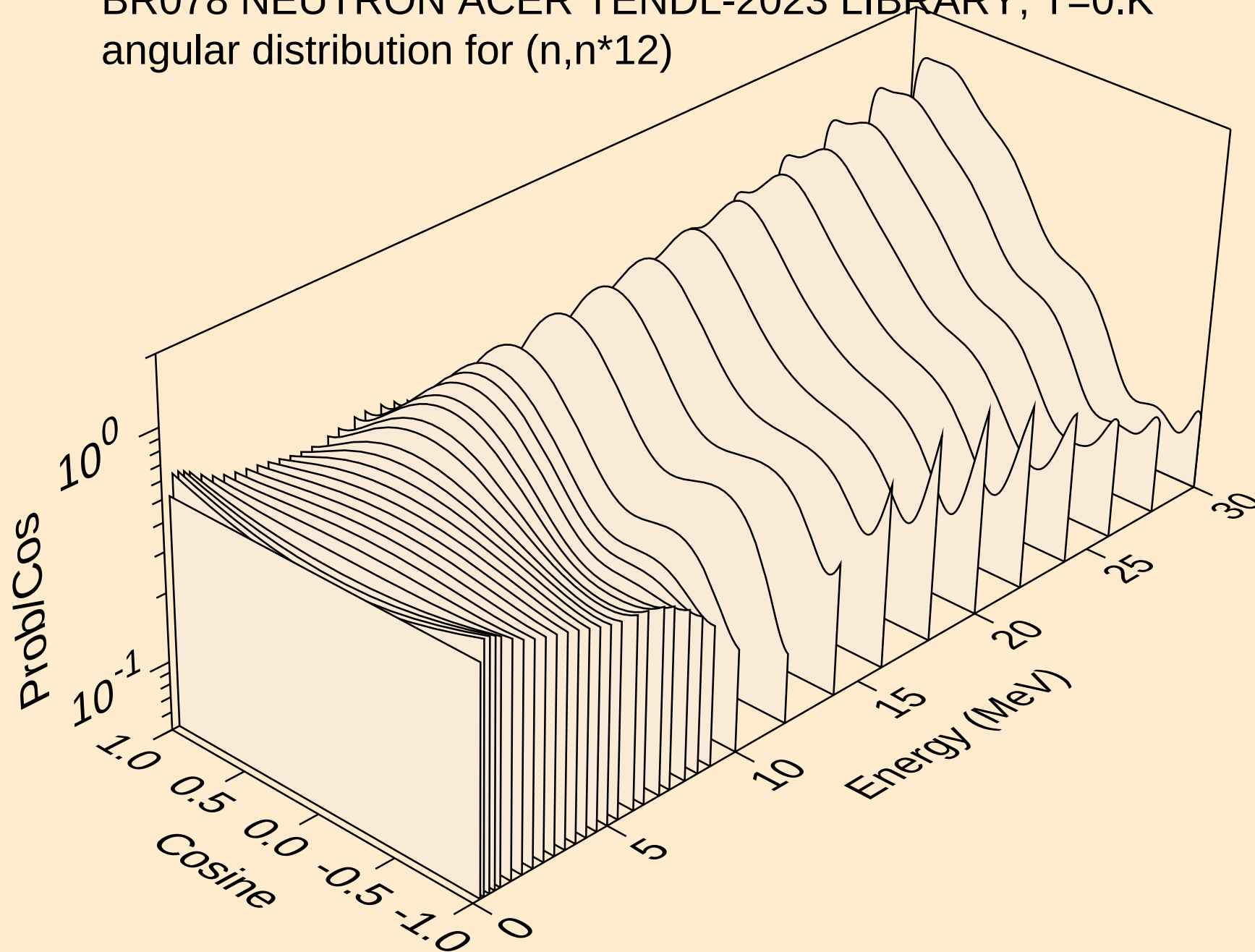
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

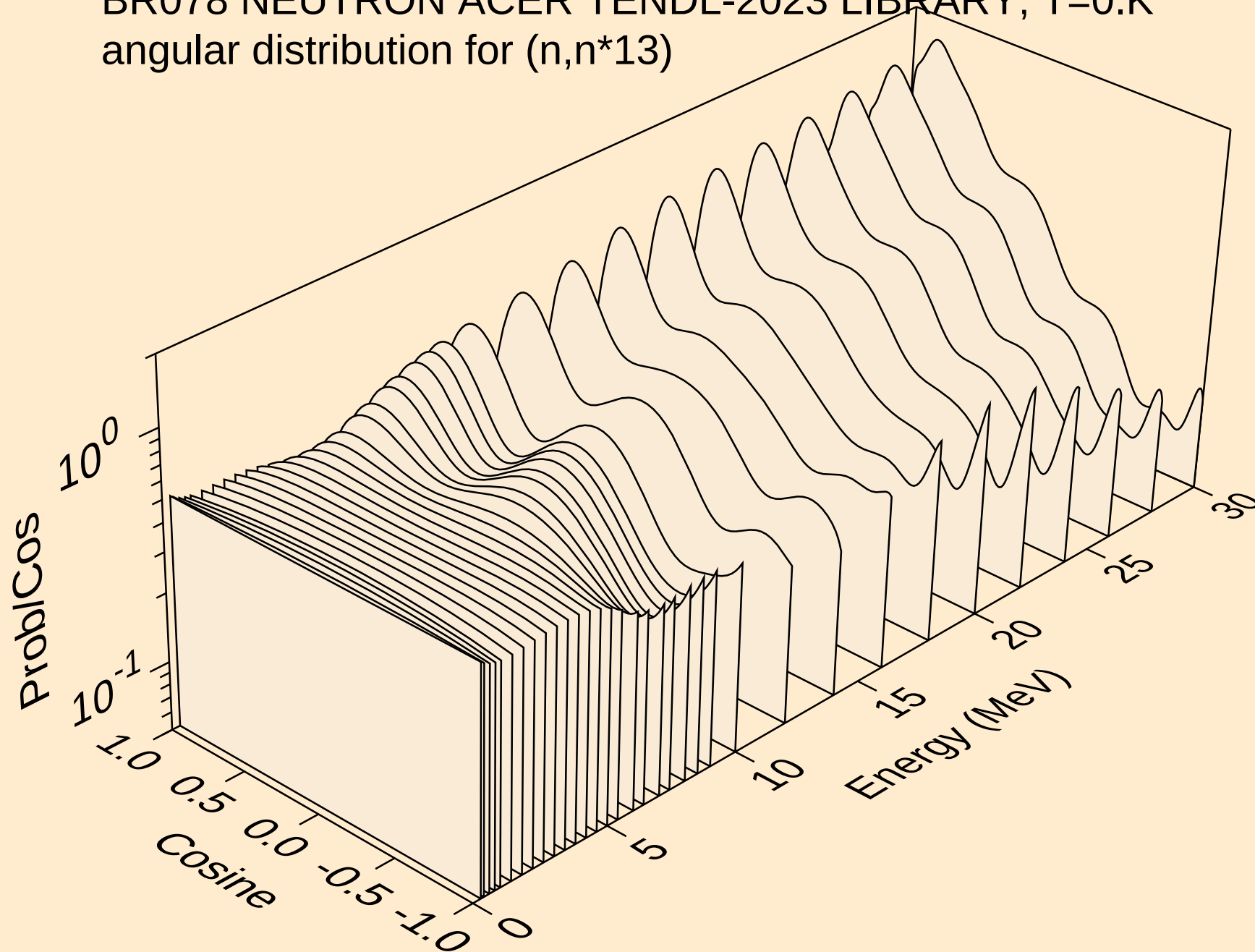


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angular distribution for (n,n\*12)

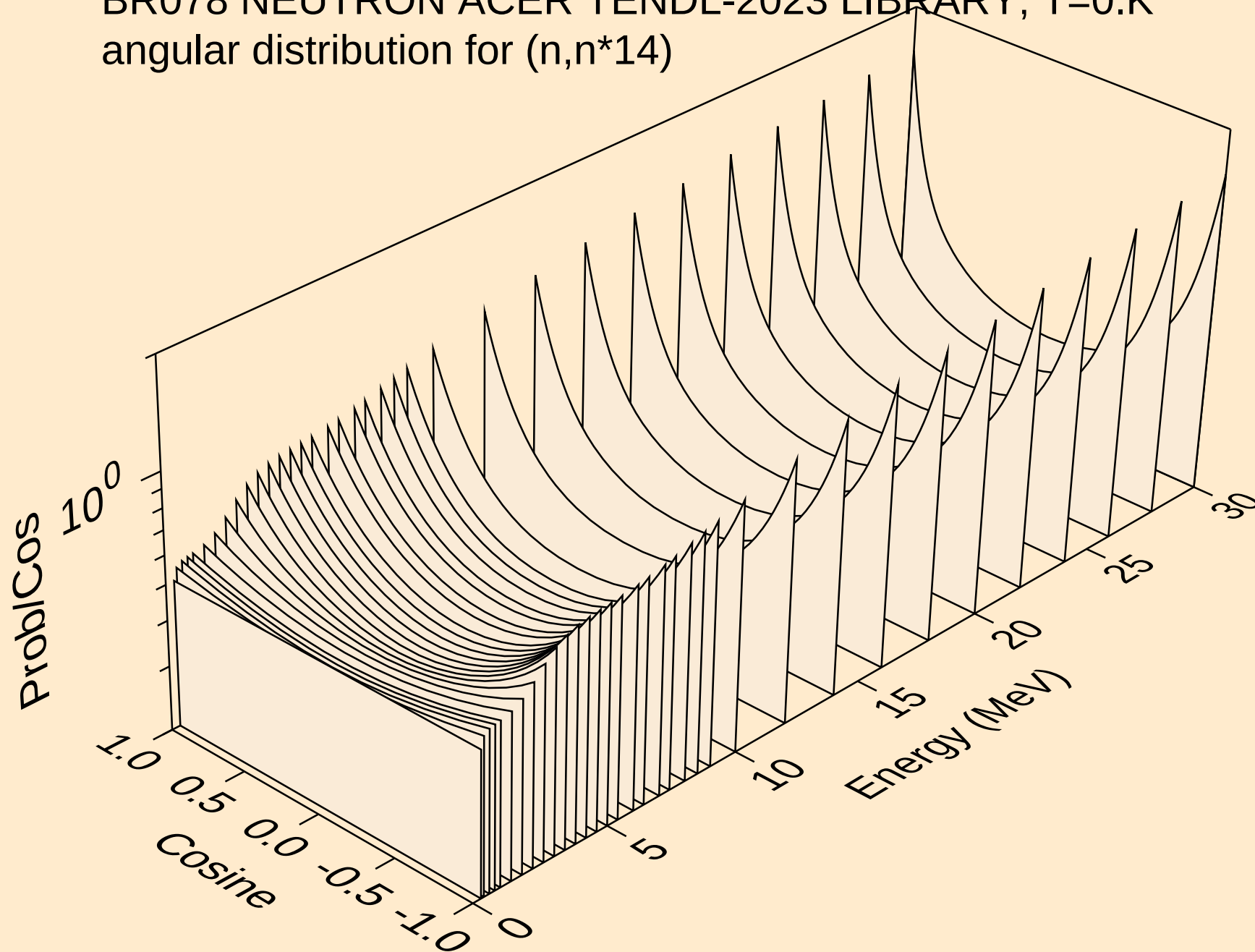




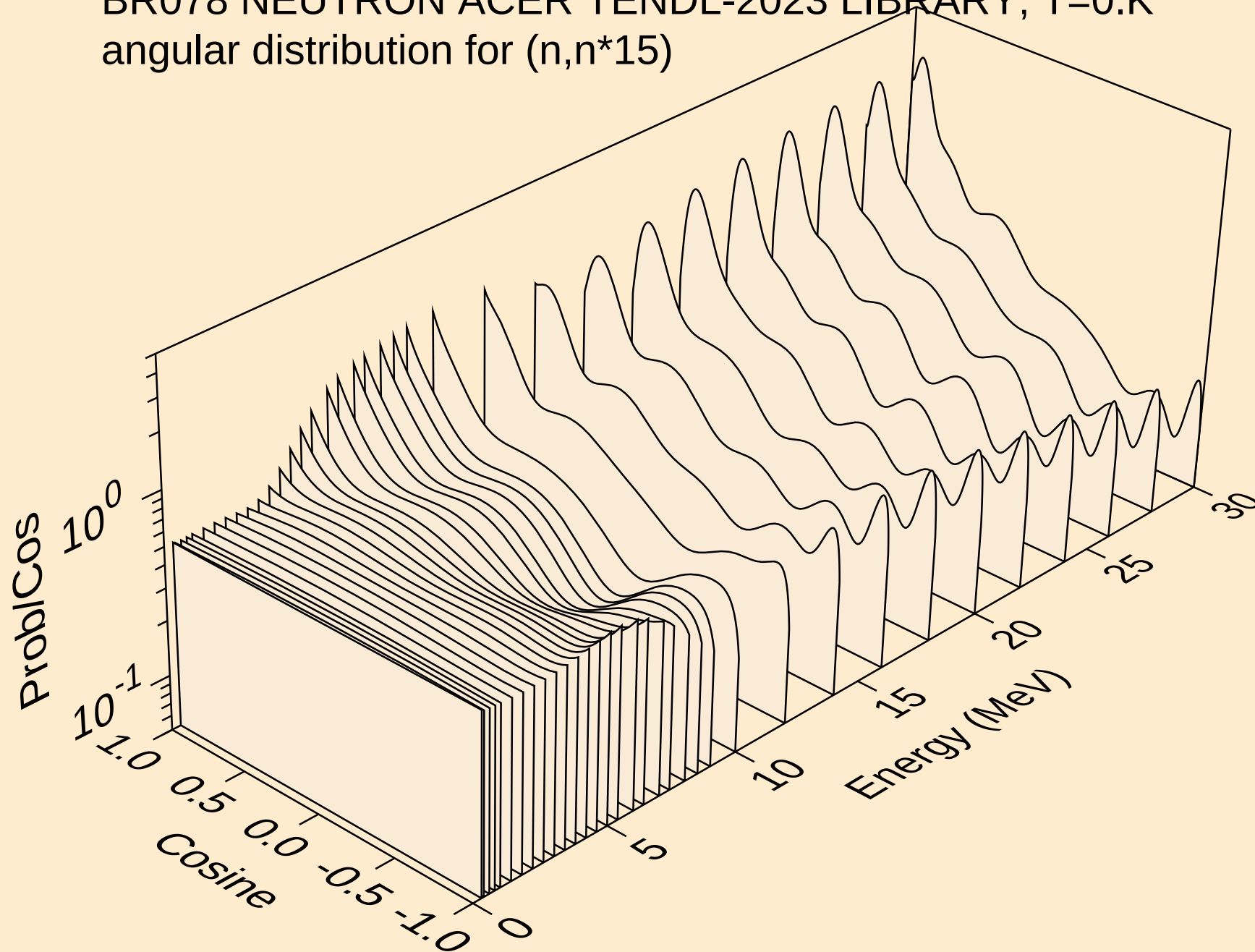
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angular distribution for (n,n\*13)



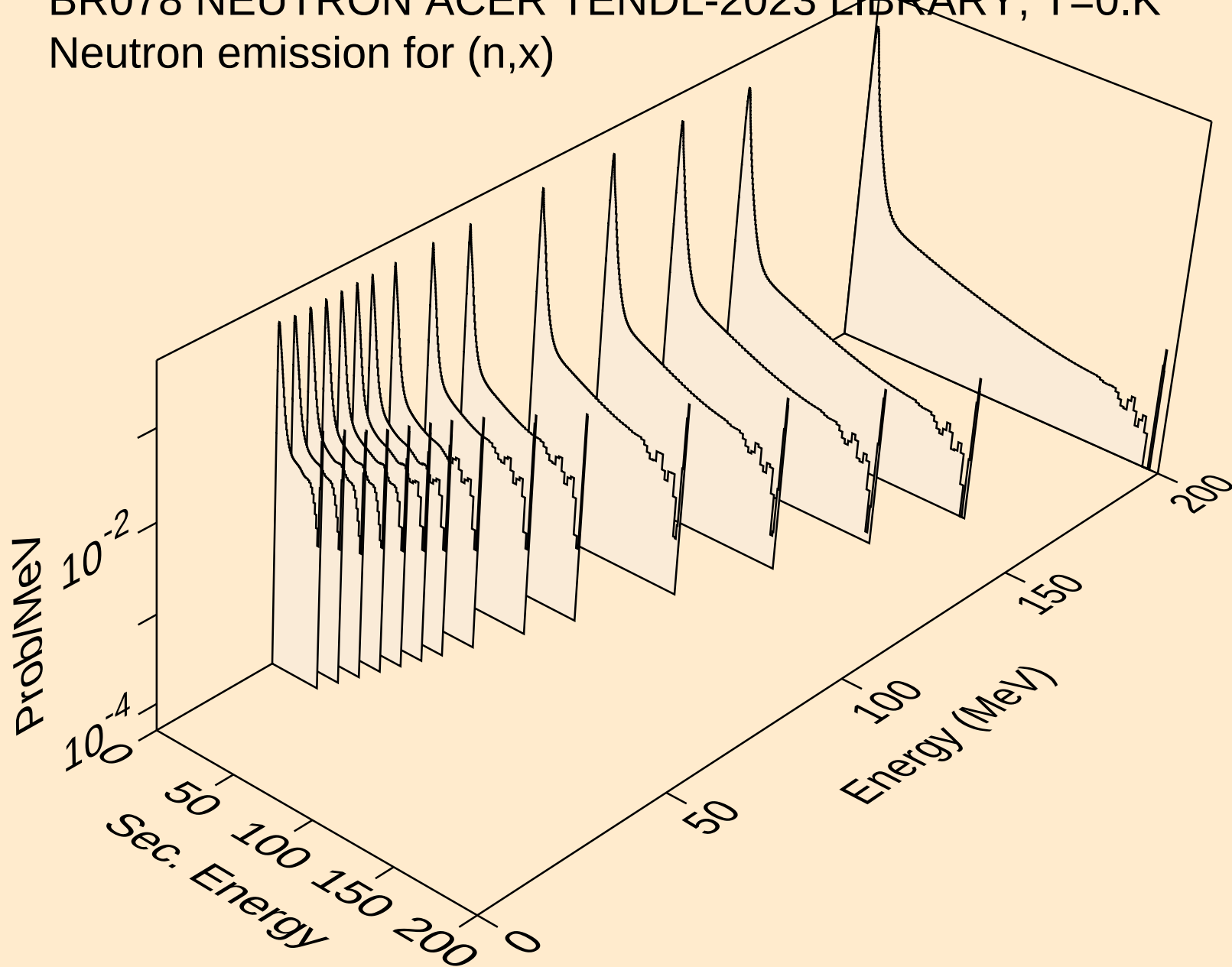
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angular distribution for (n,n\*14)



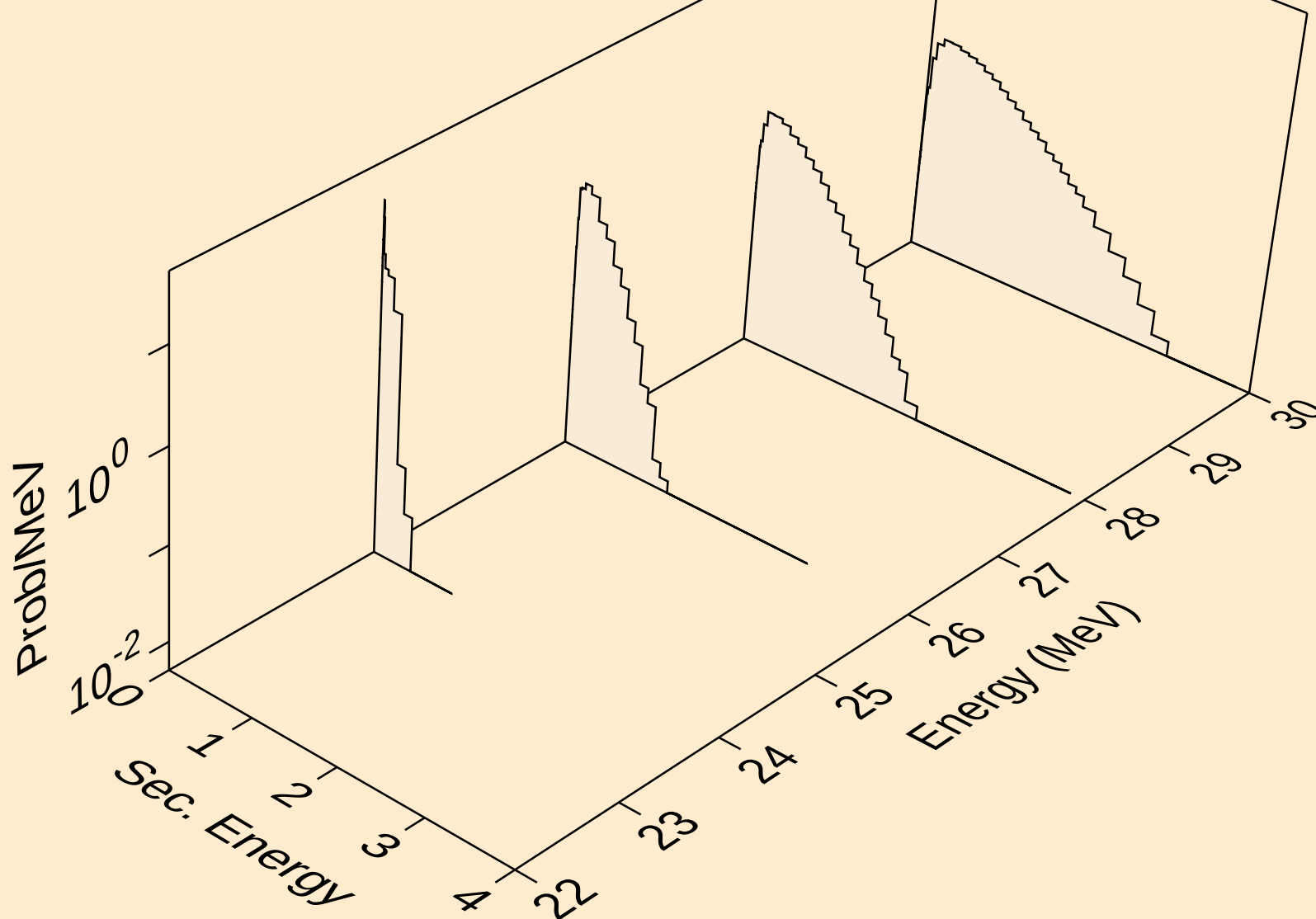
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angular distribution for (n,n\*15)



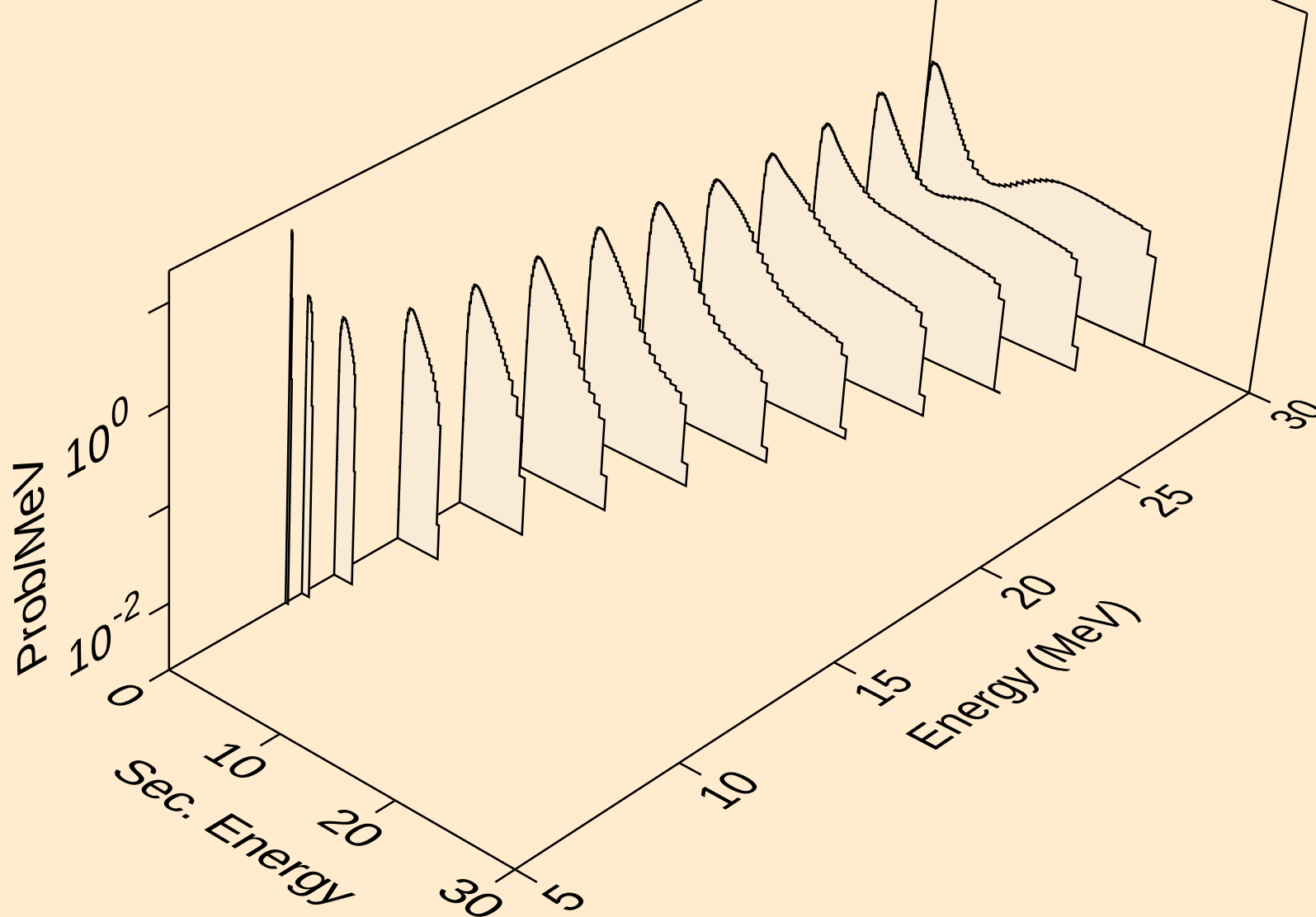
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Neutron emission for (n,x)



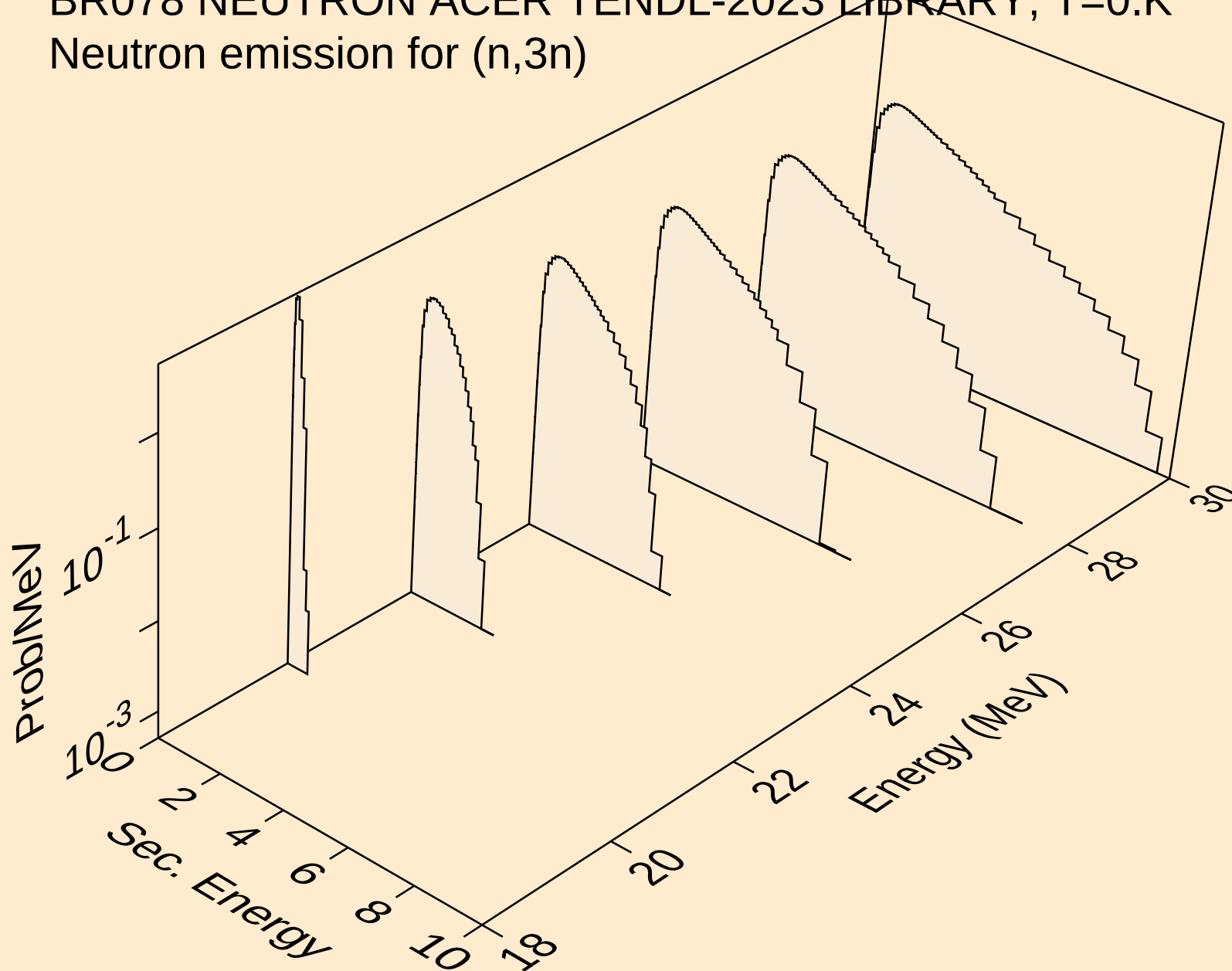
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

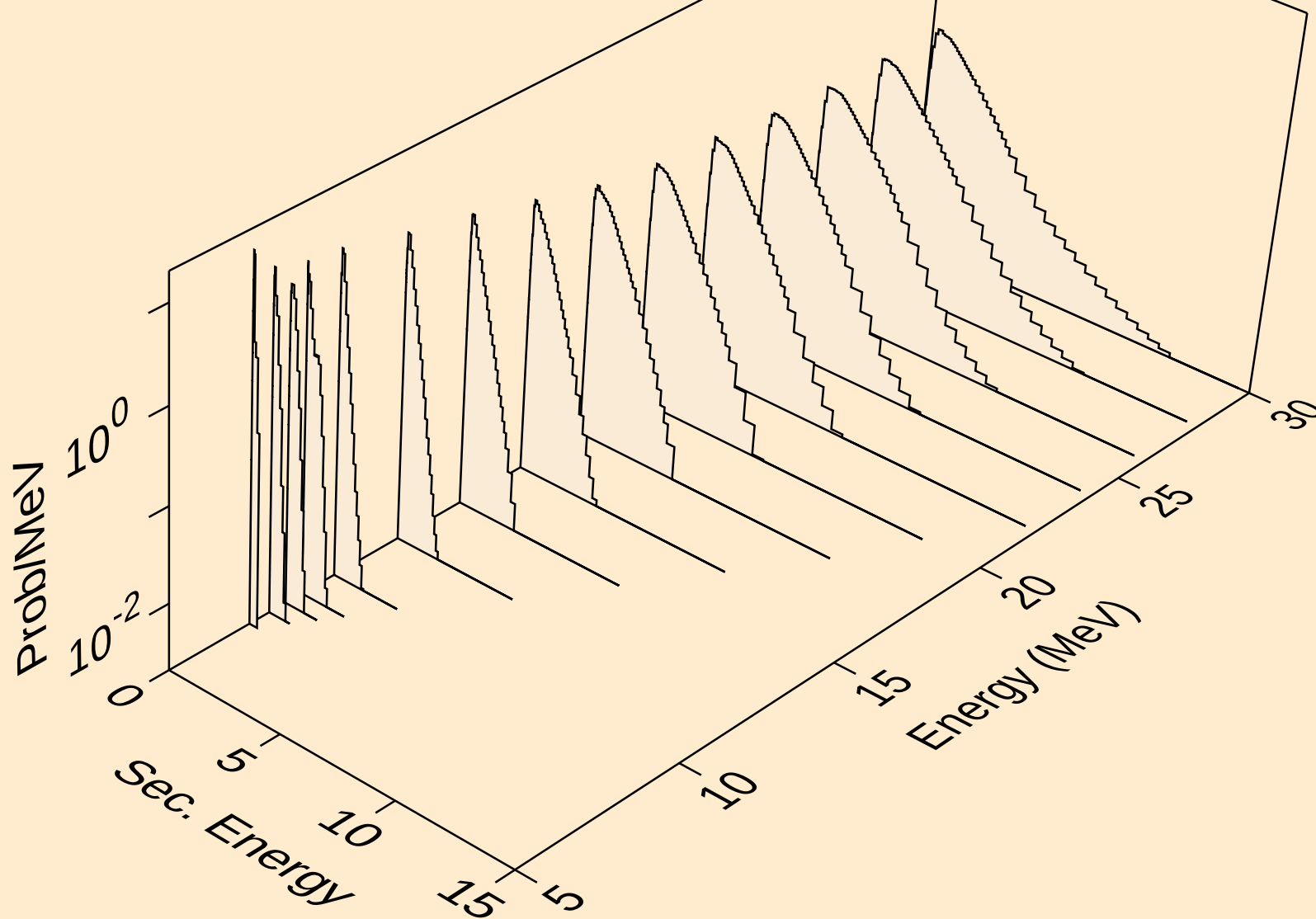


BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



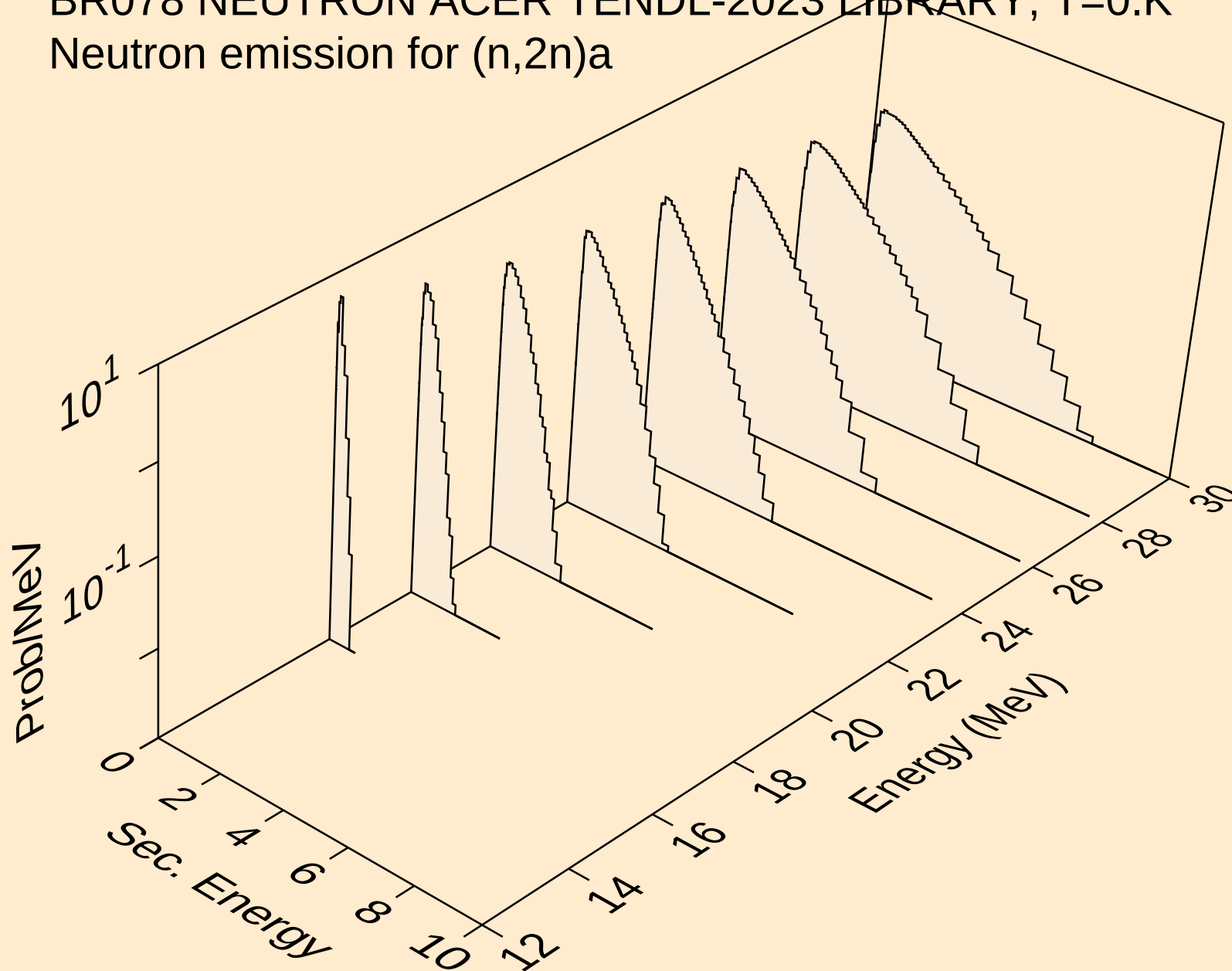
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n\*)a

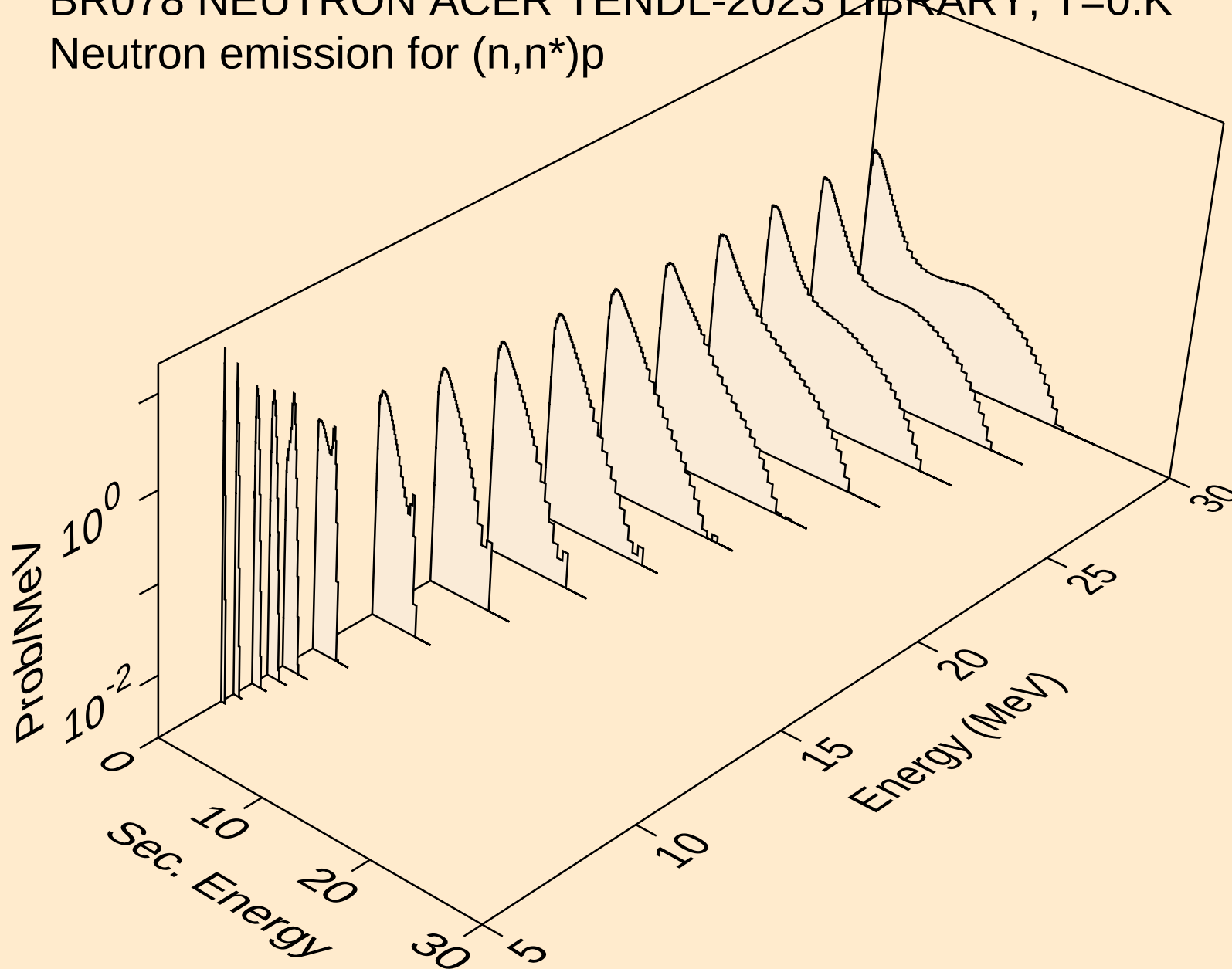




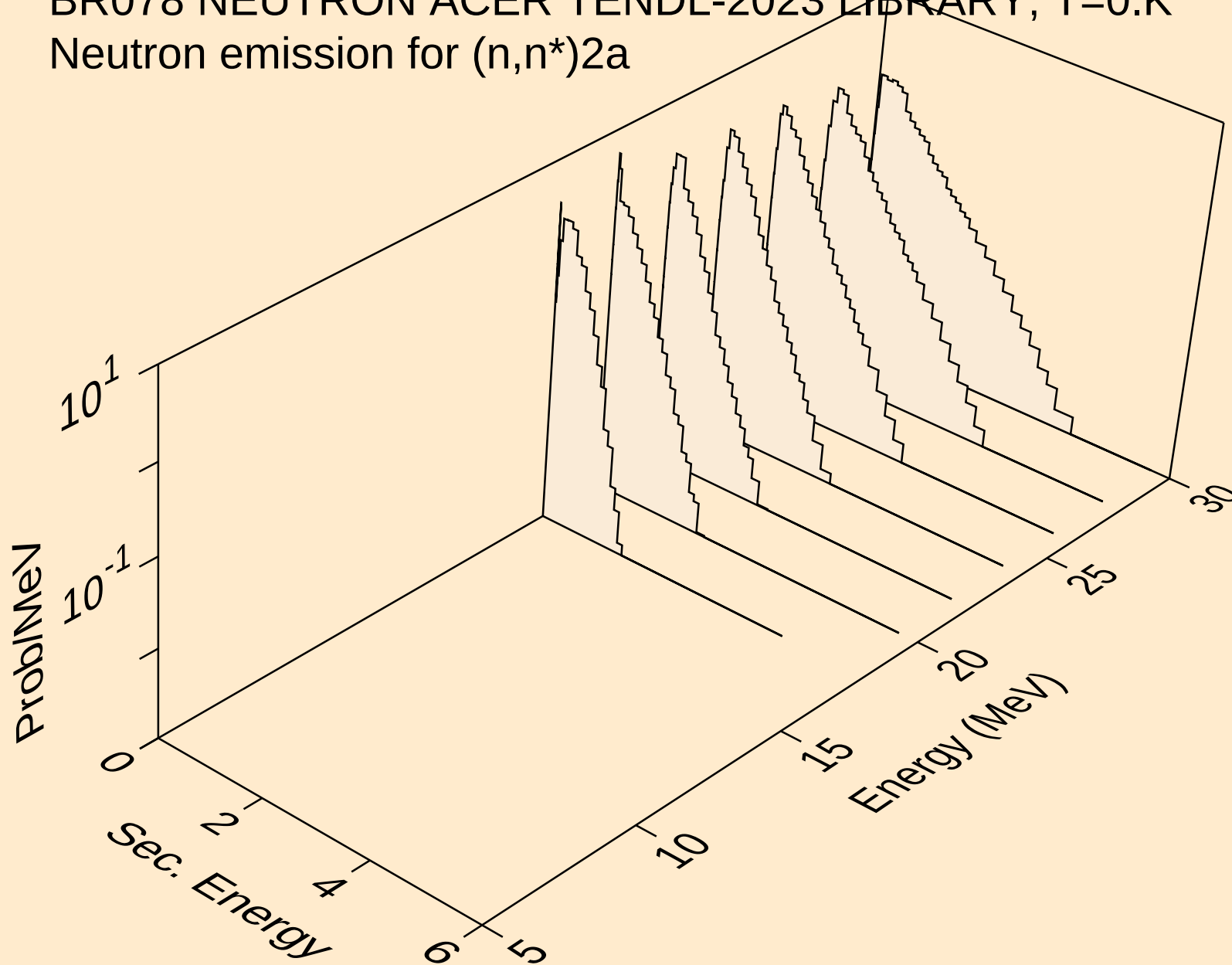
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

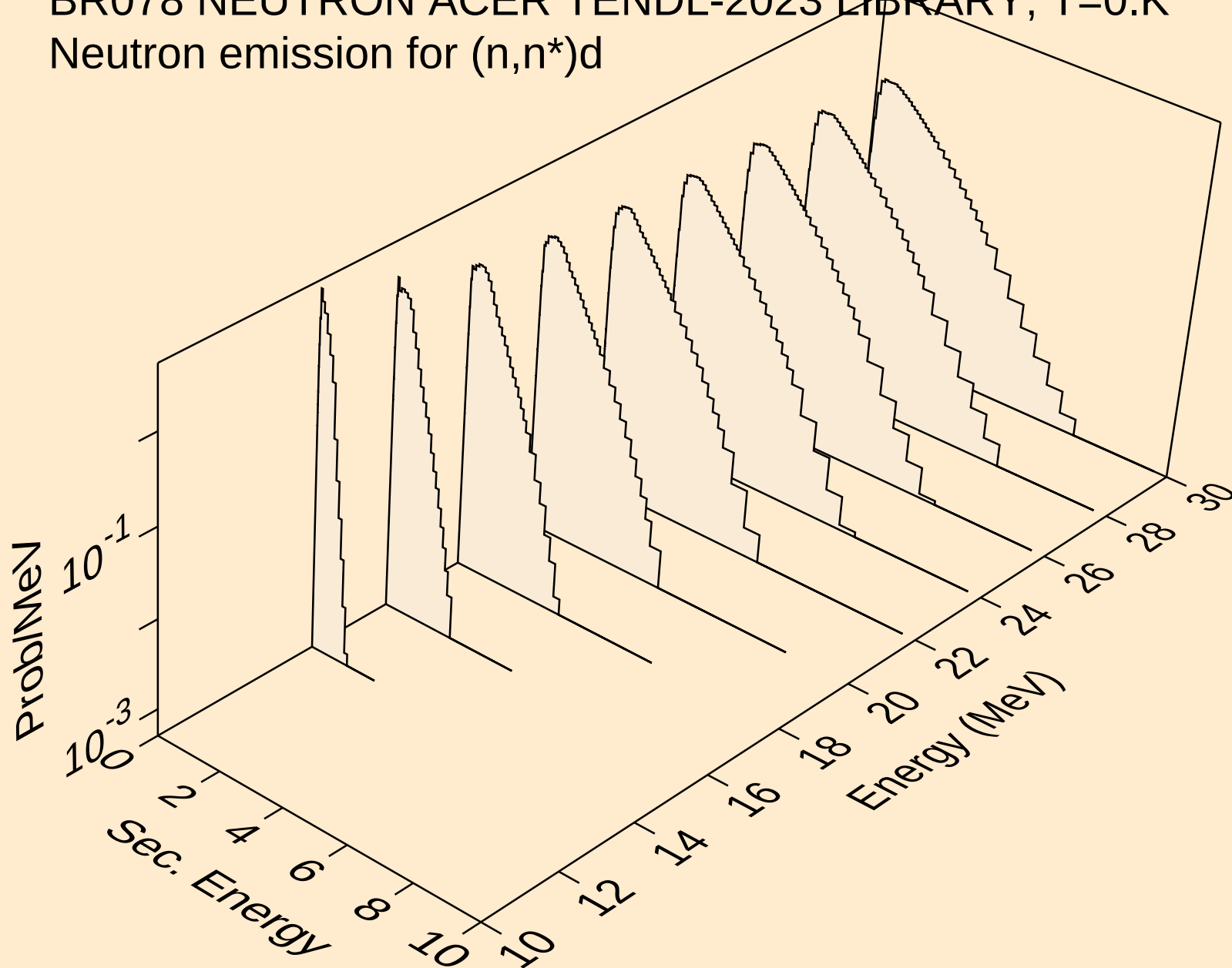


BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

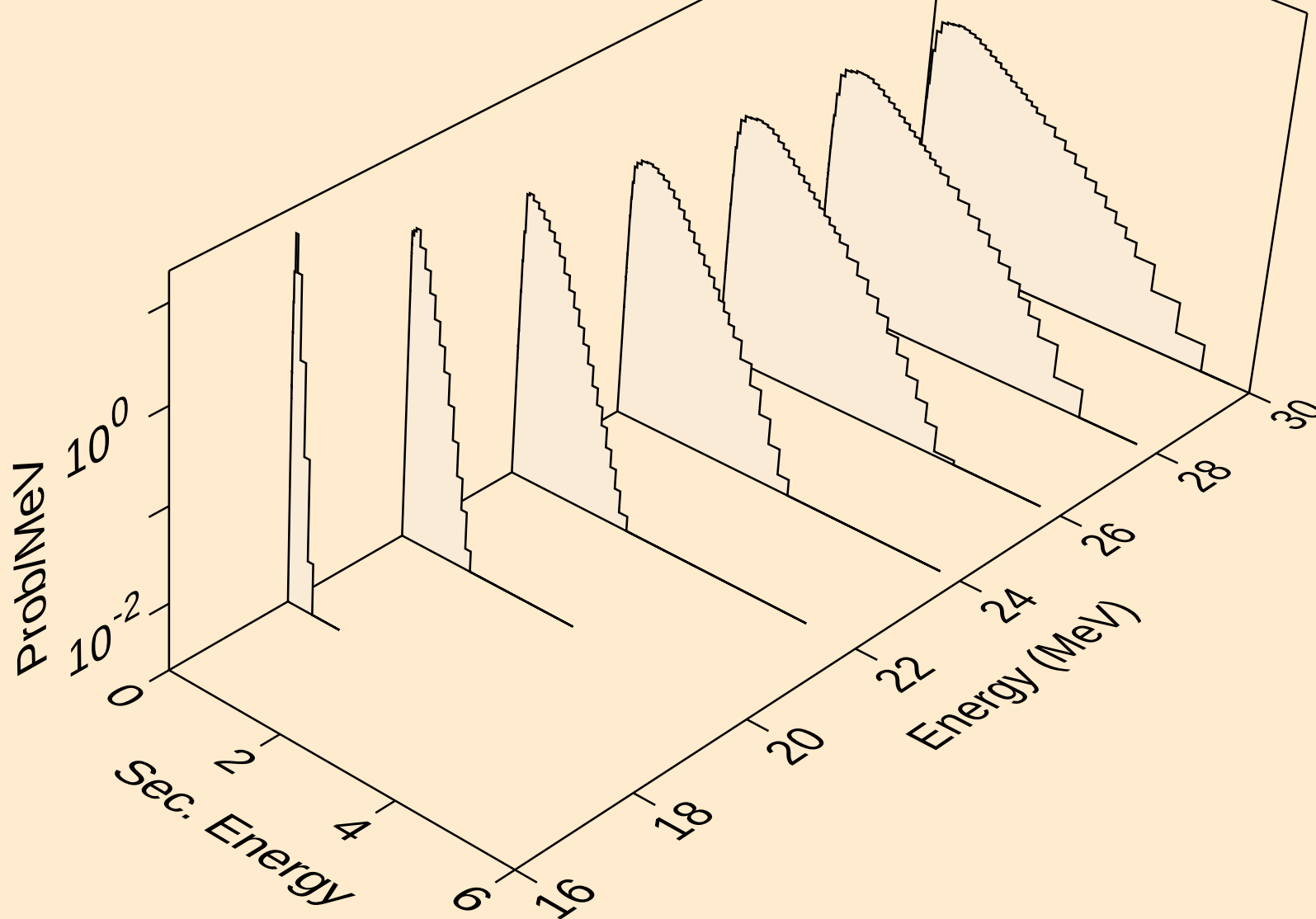


BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

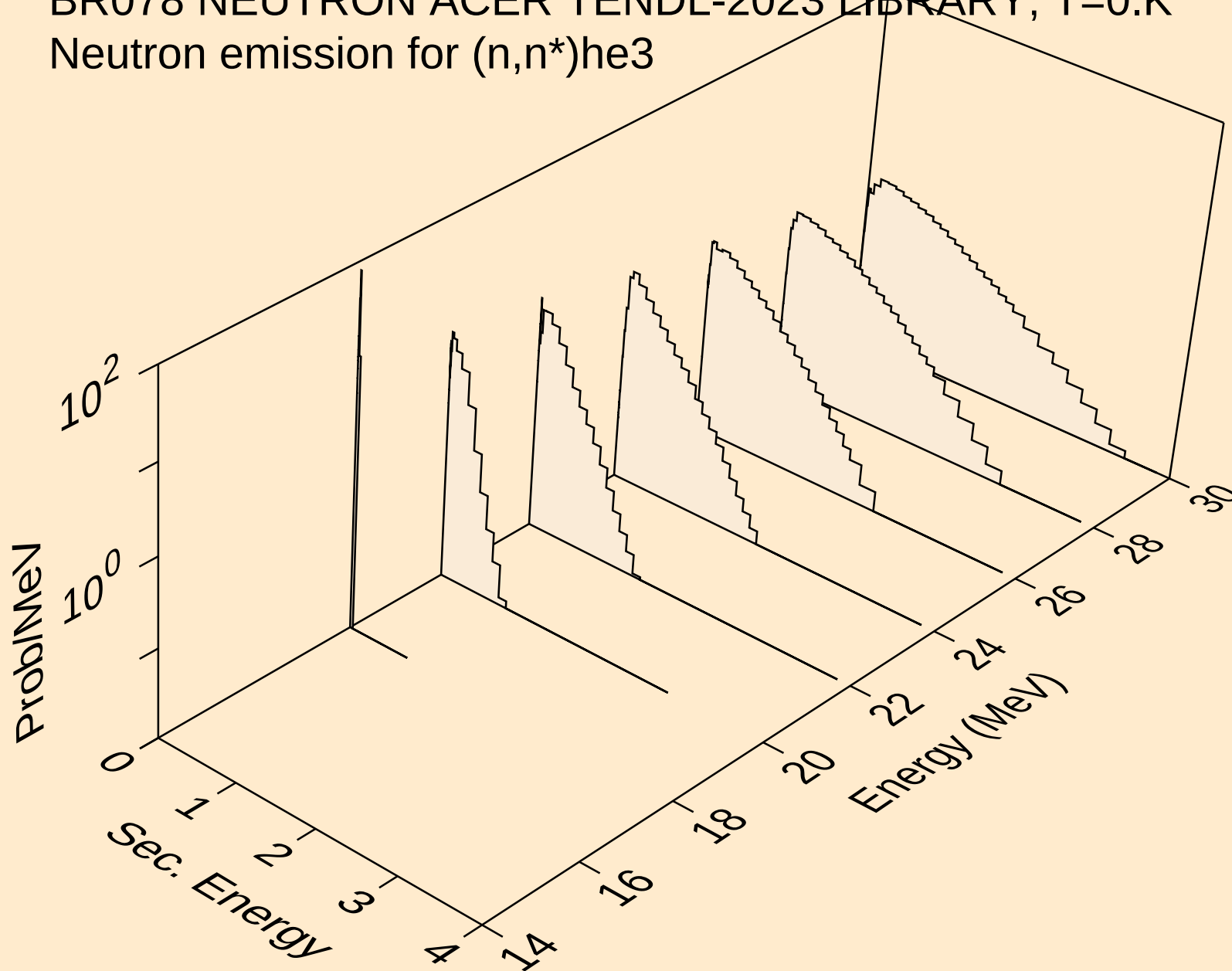
Neutron emission for (n,n\*)d



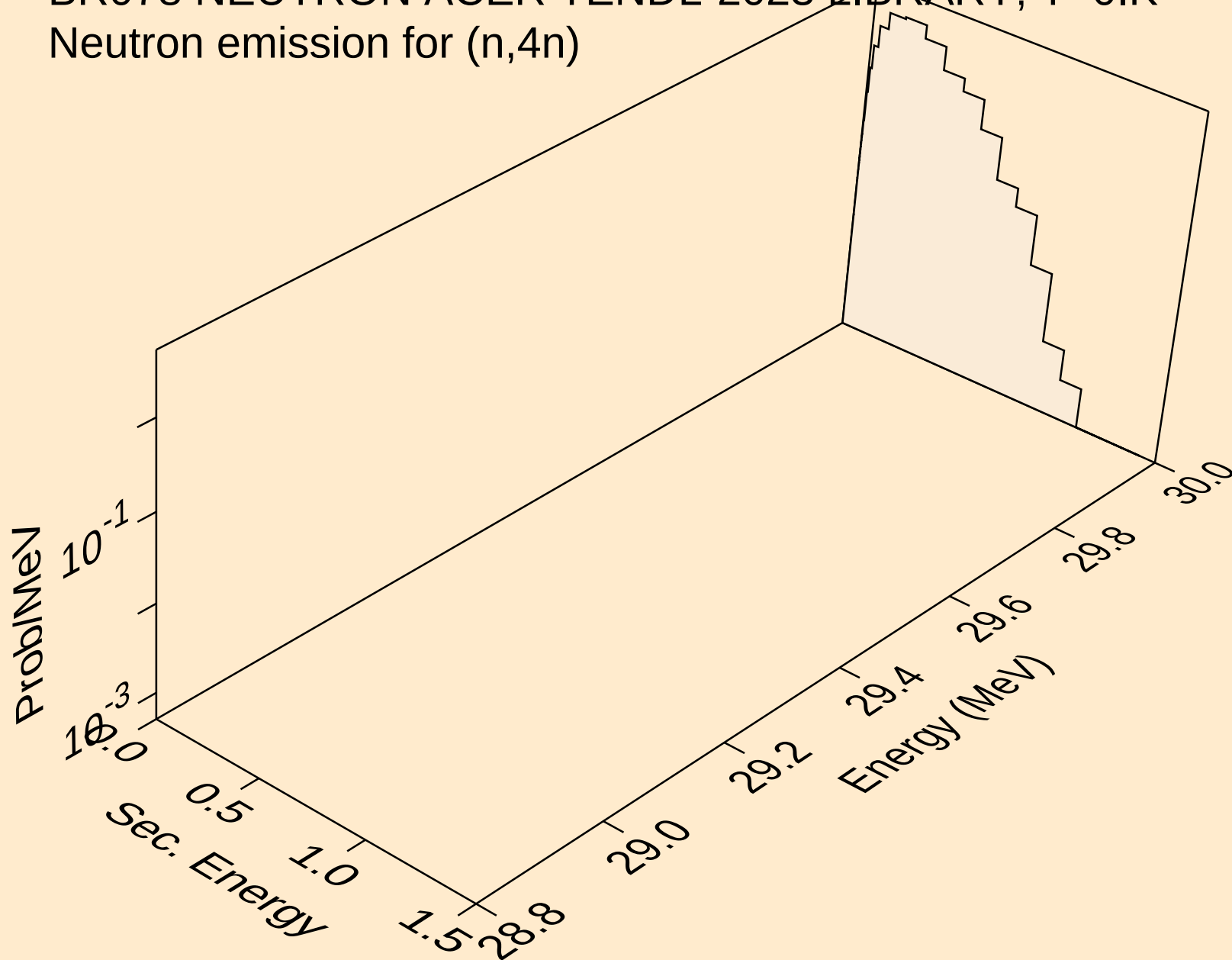
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



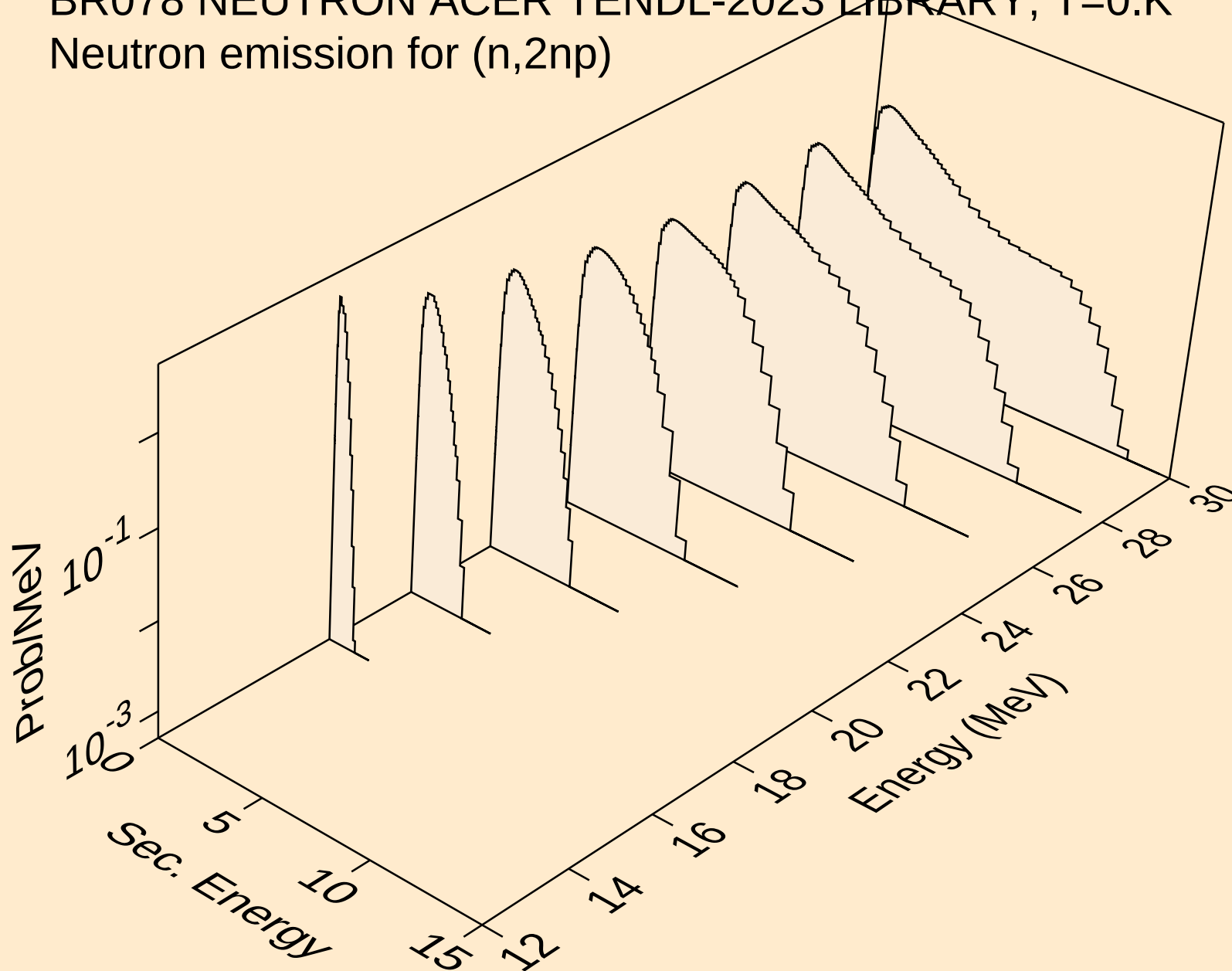
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)

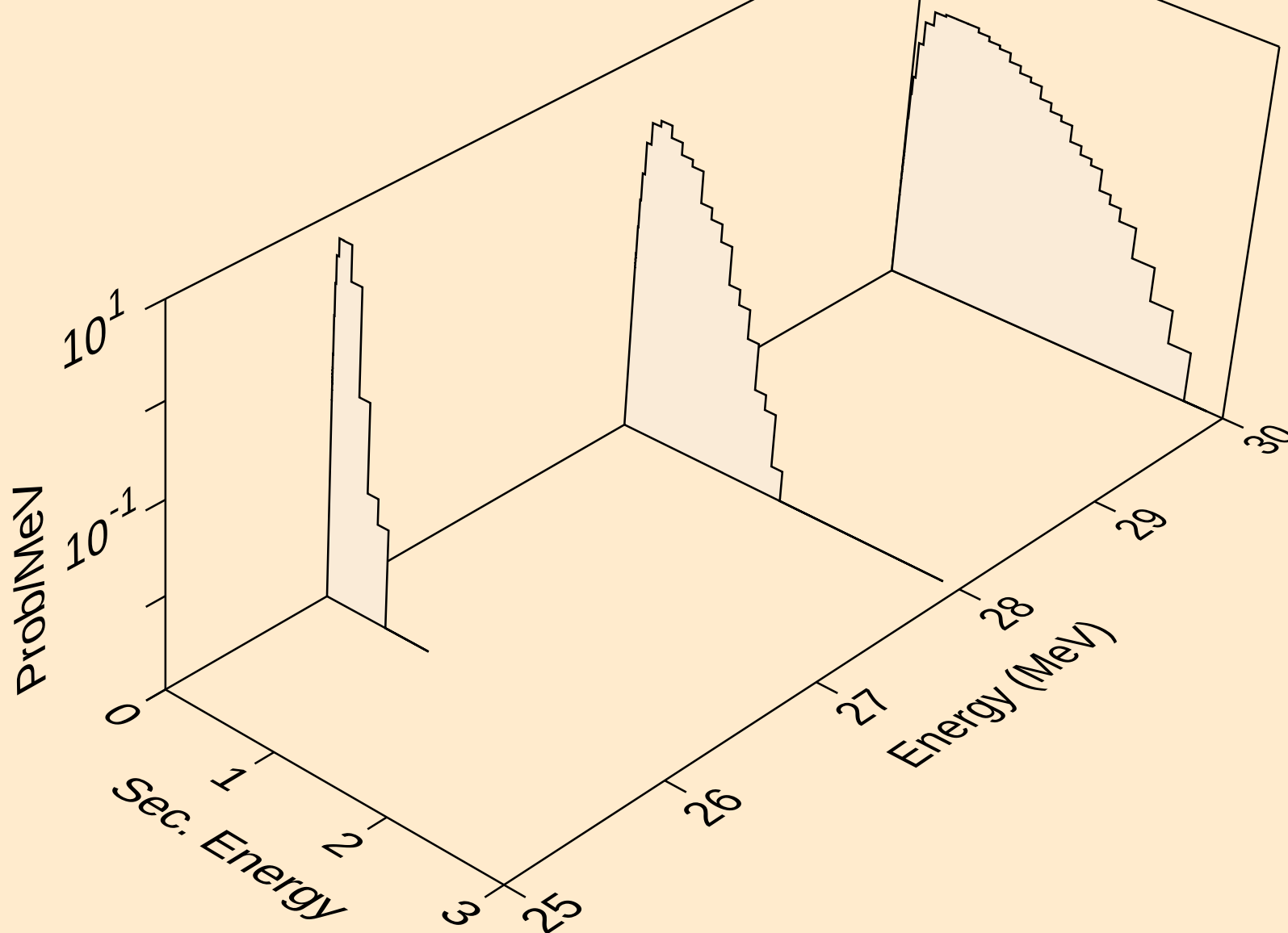


BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

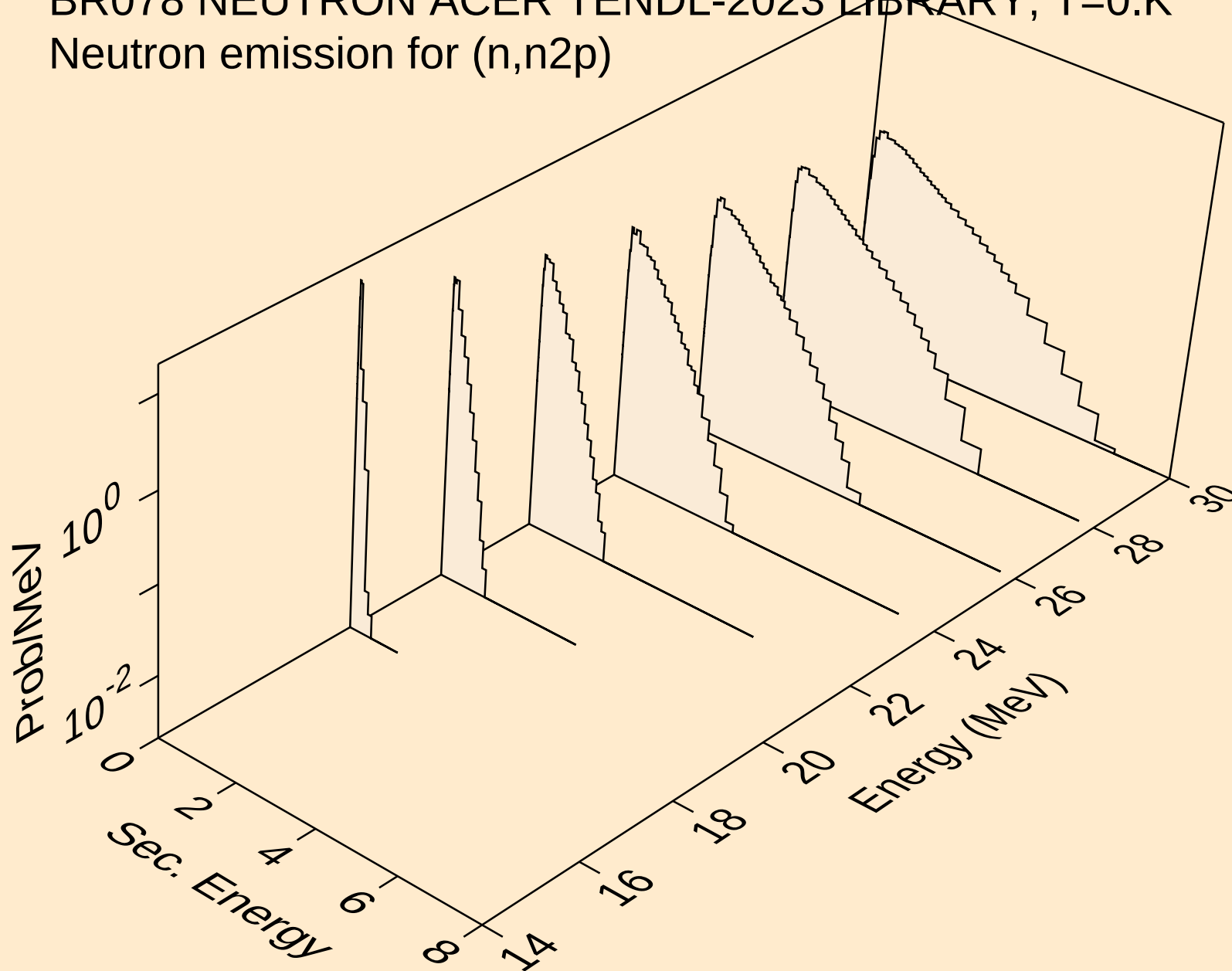




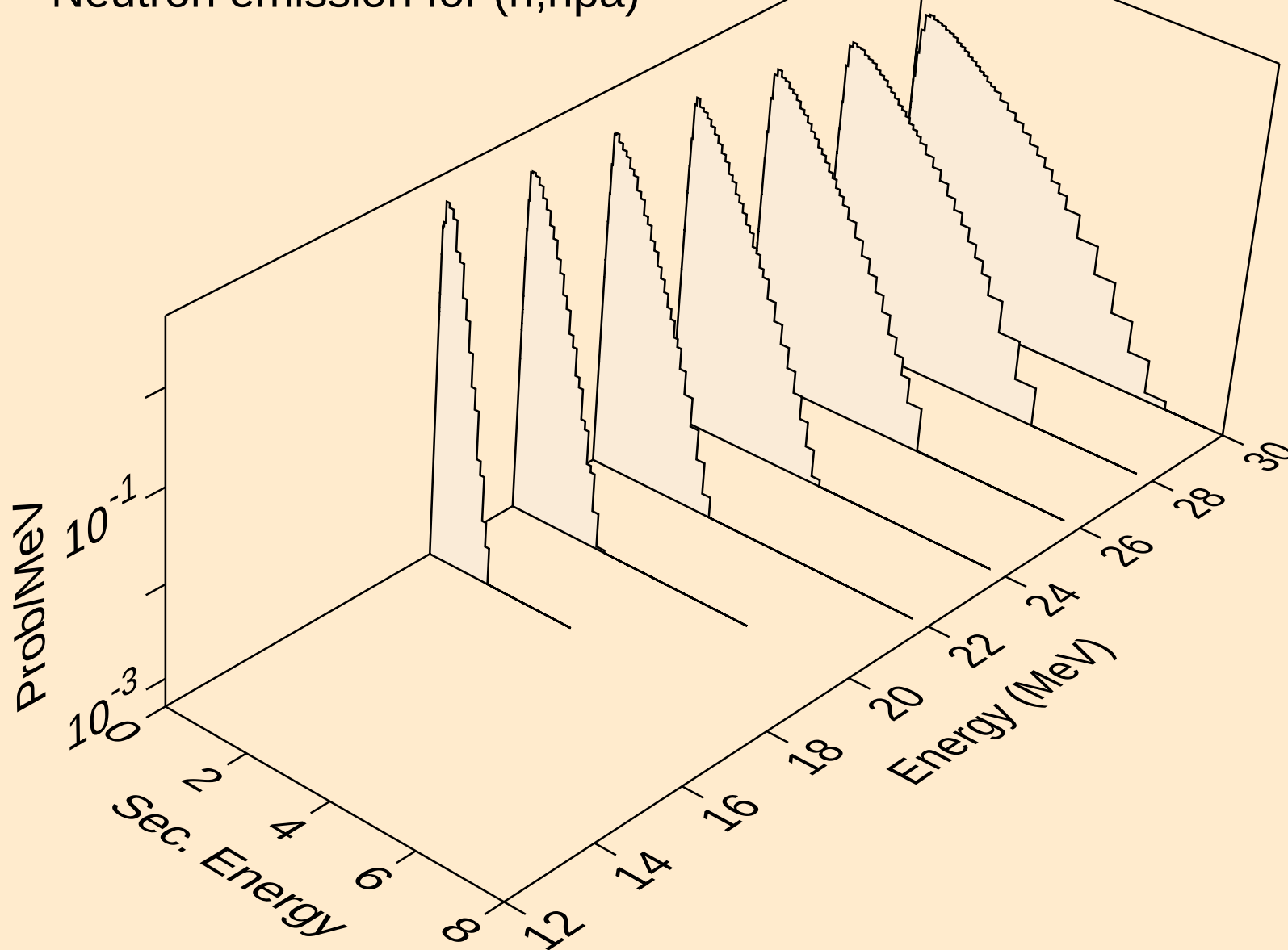
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Neutron emission for (n,3np)



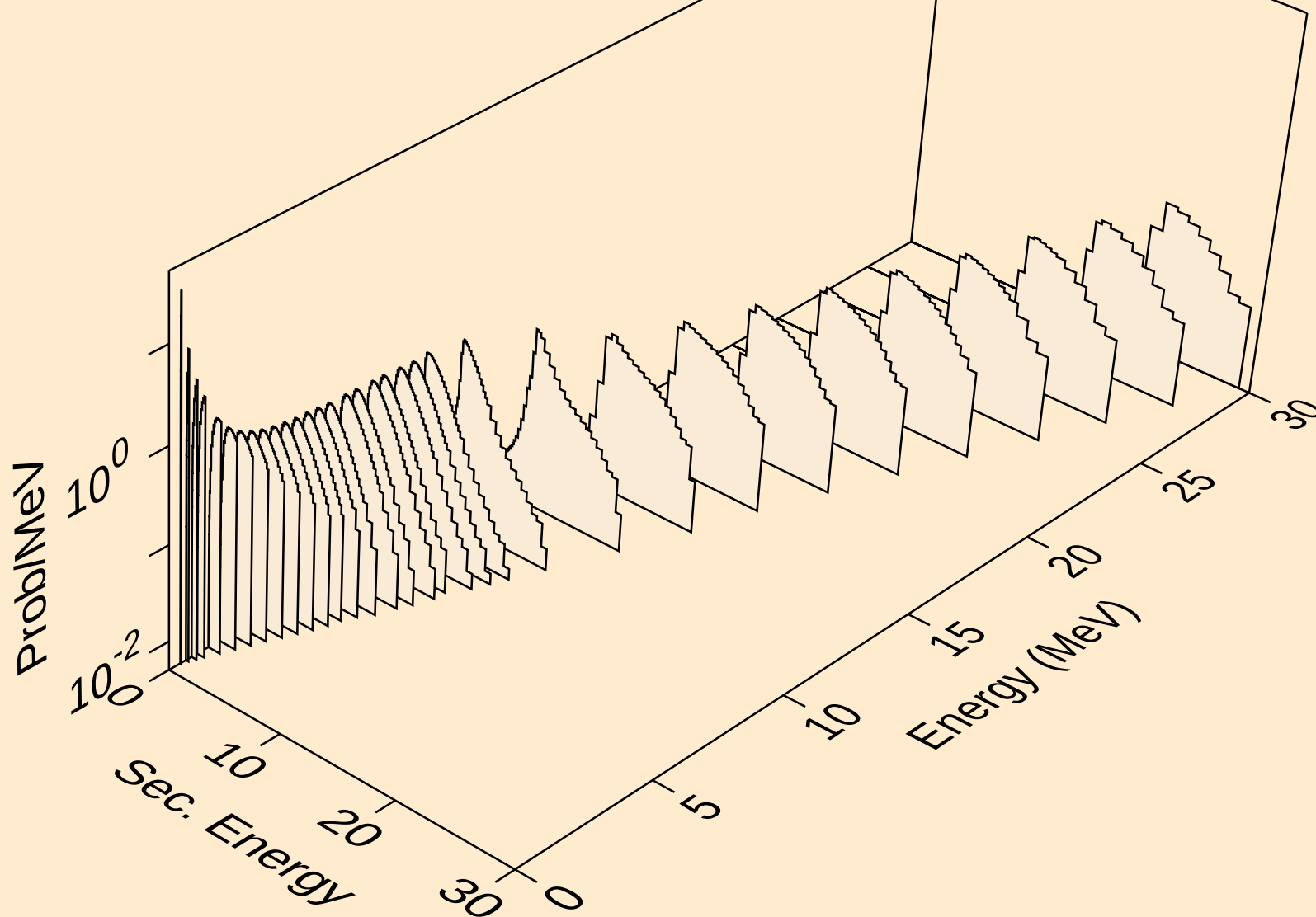
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



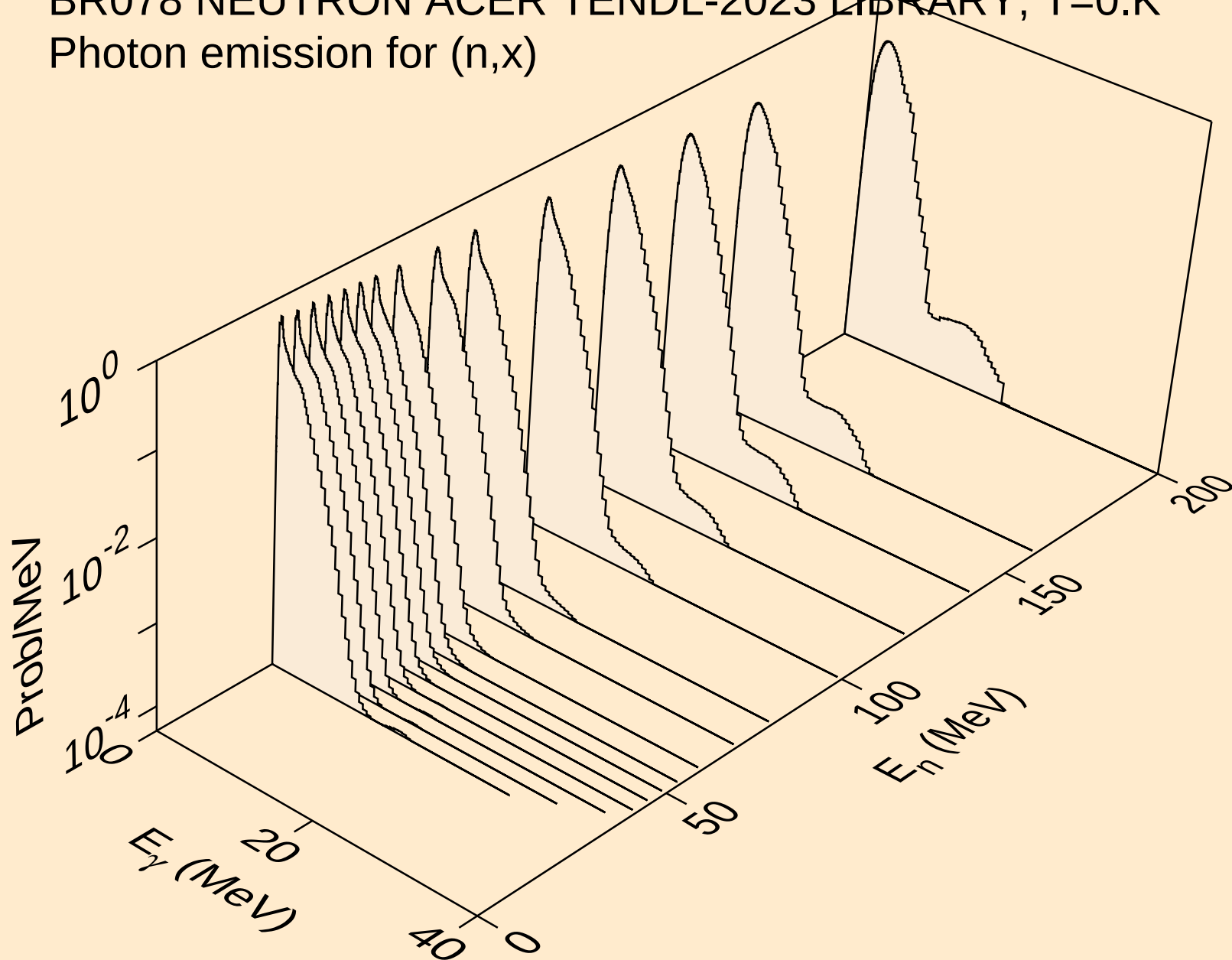
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Neutron emission for (n,npa)



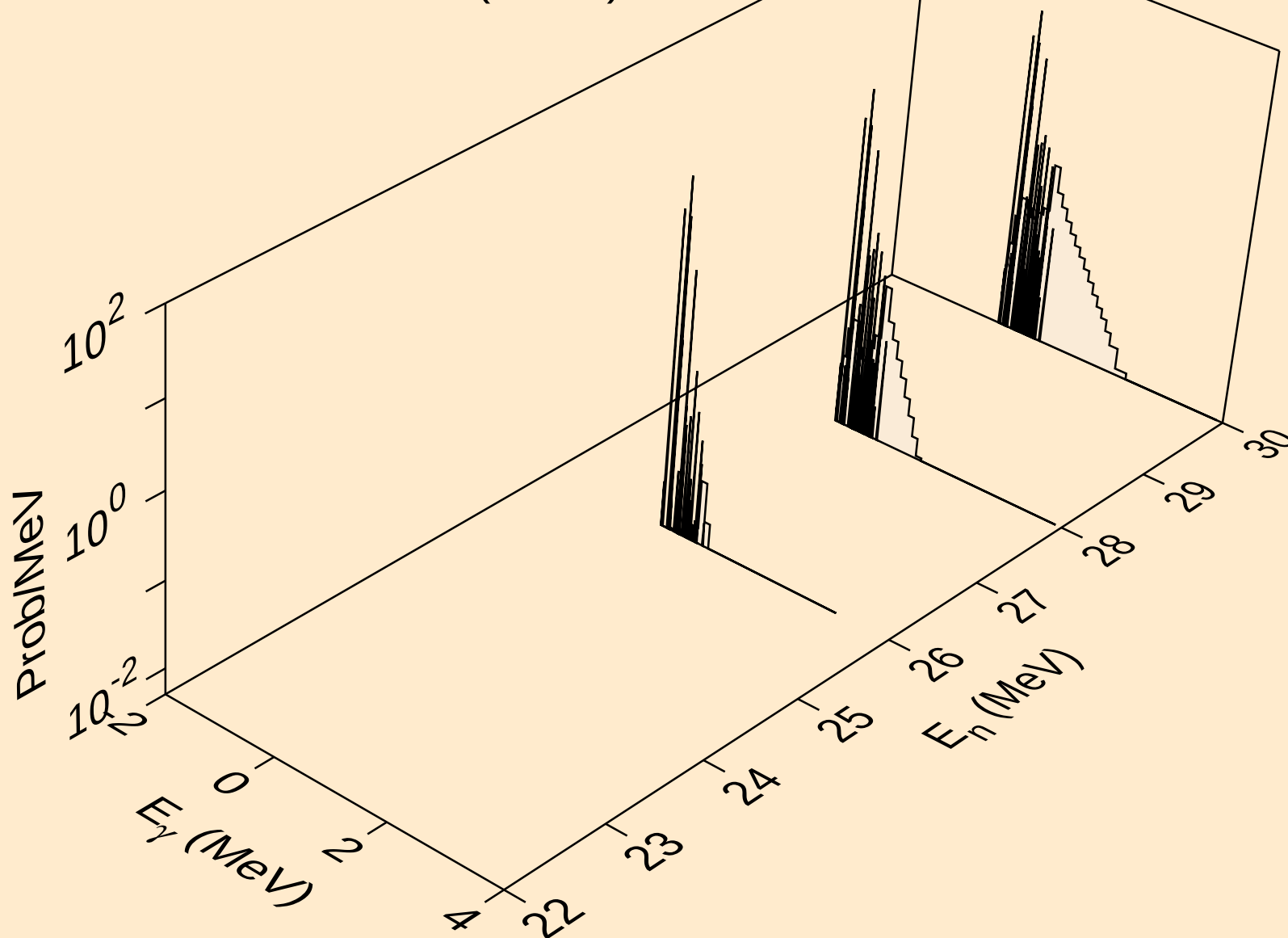
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Neutron emission for (n,n\*c)



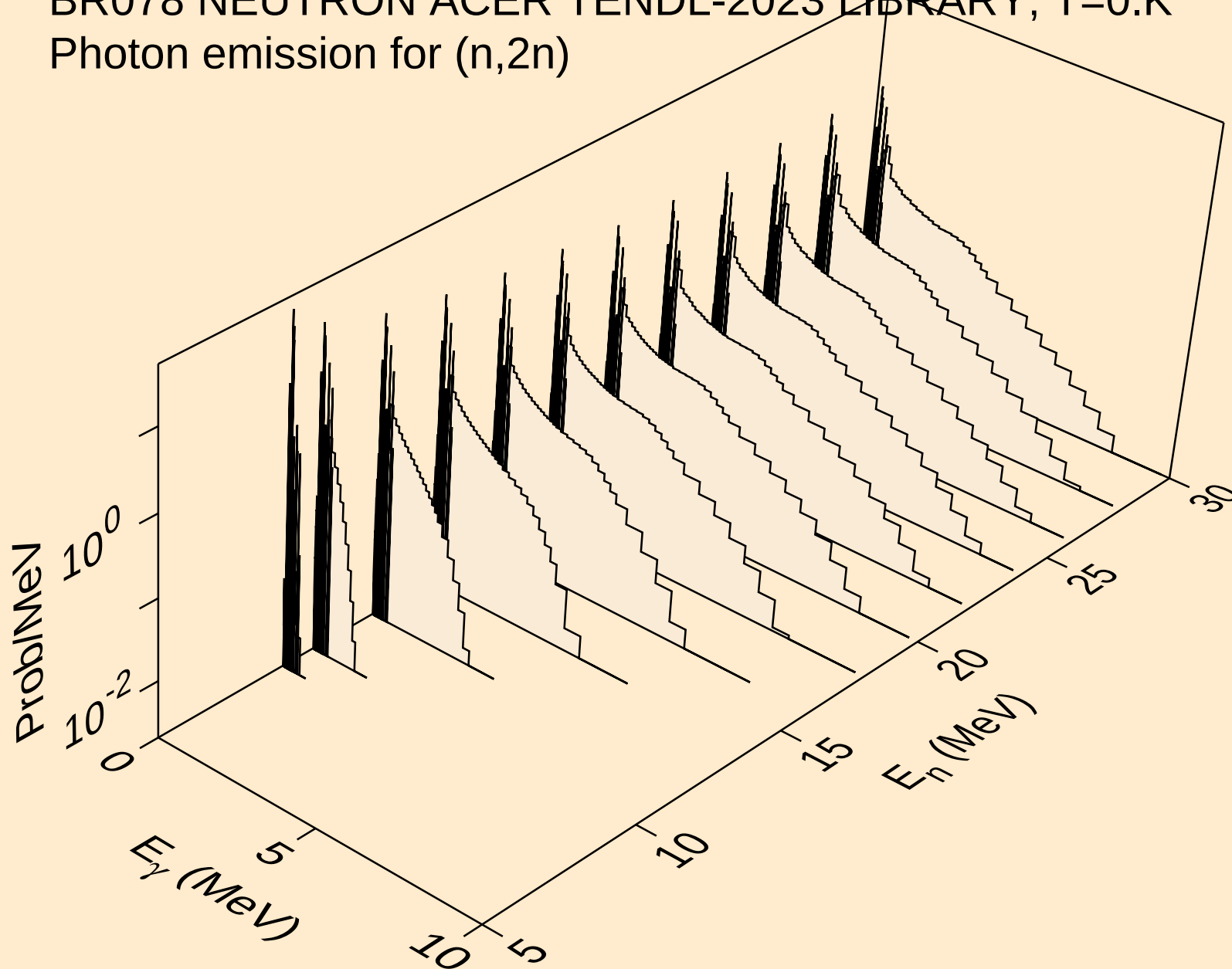
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



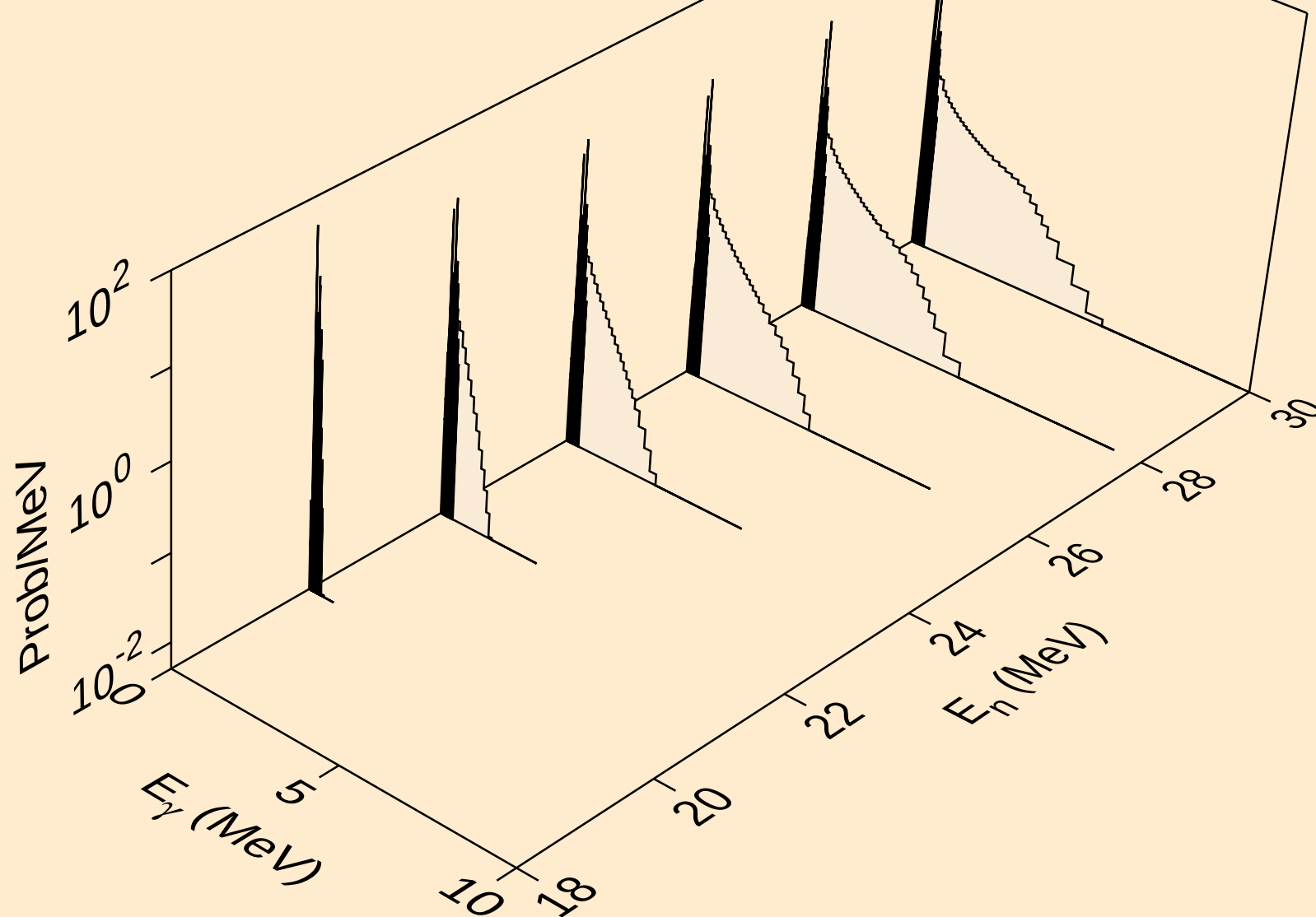
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

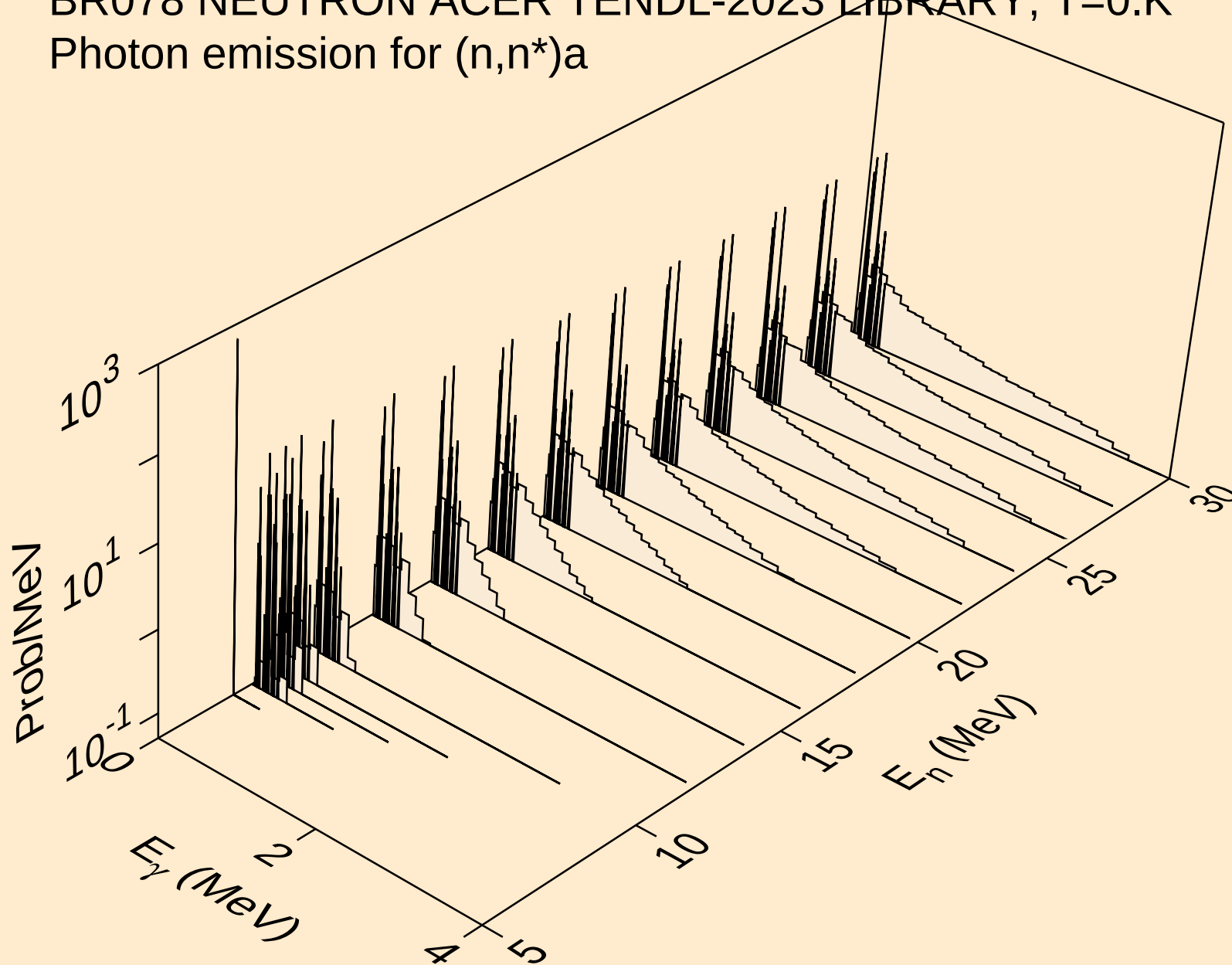


BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

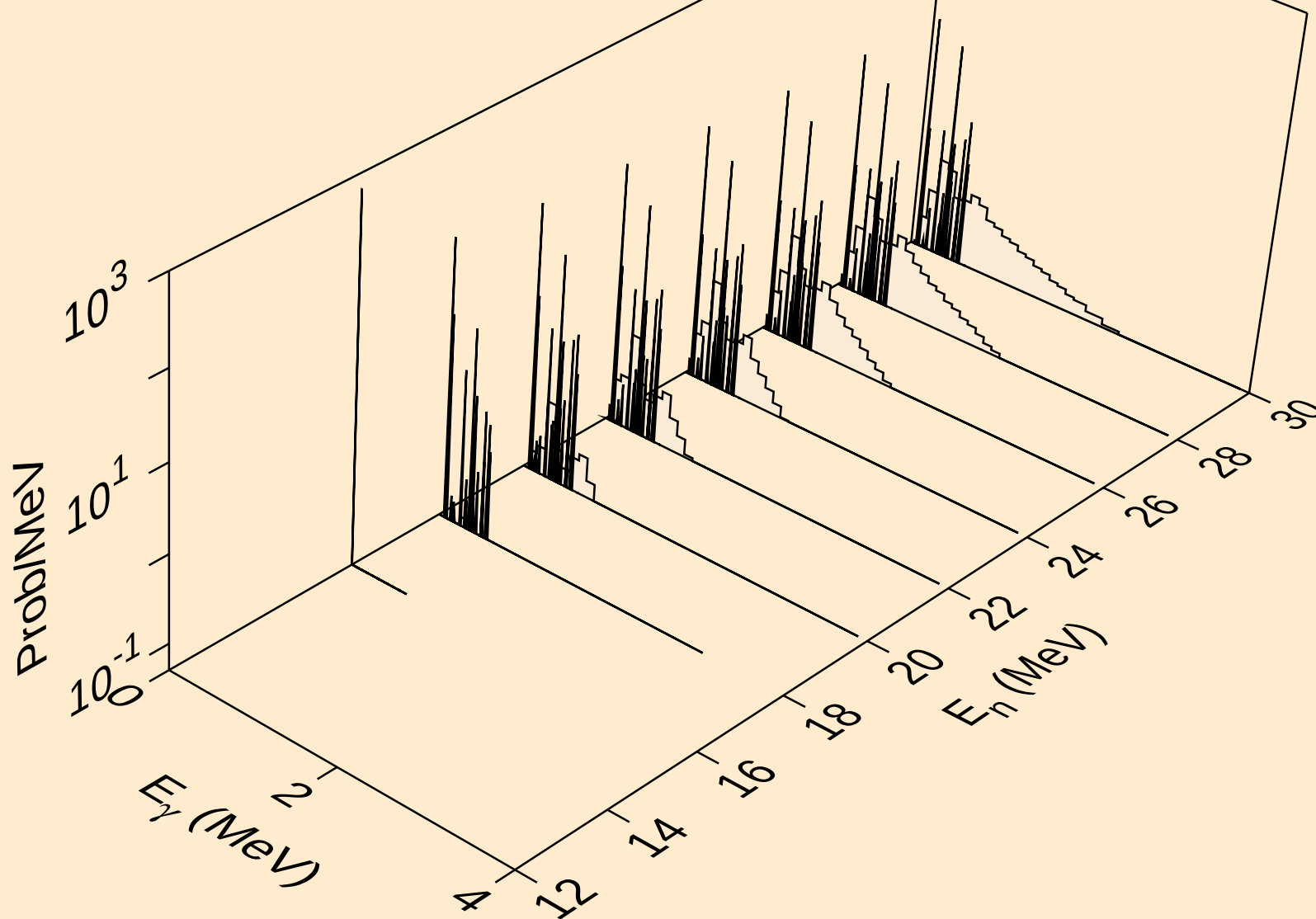




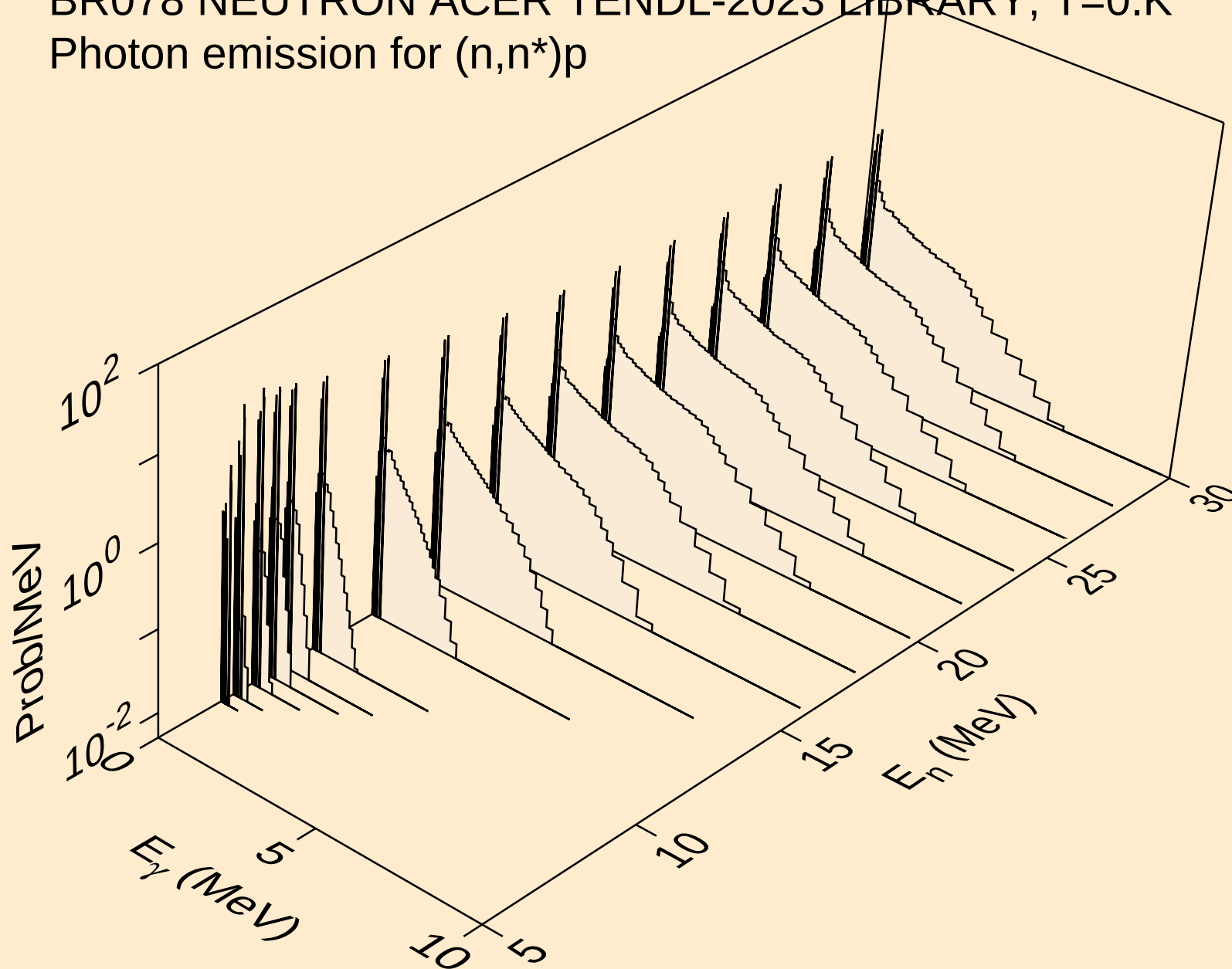
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



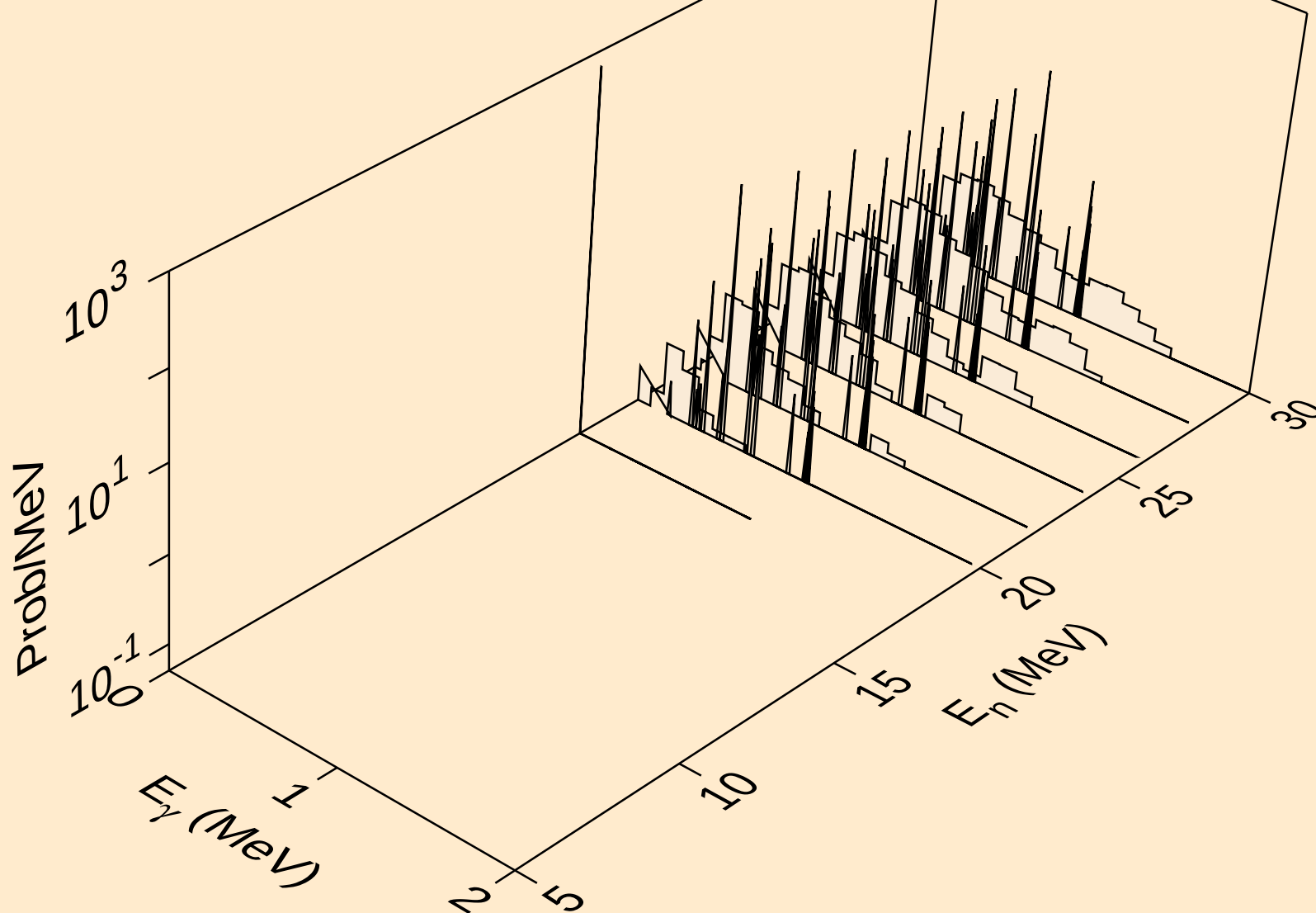
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

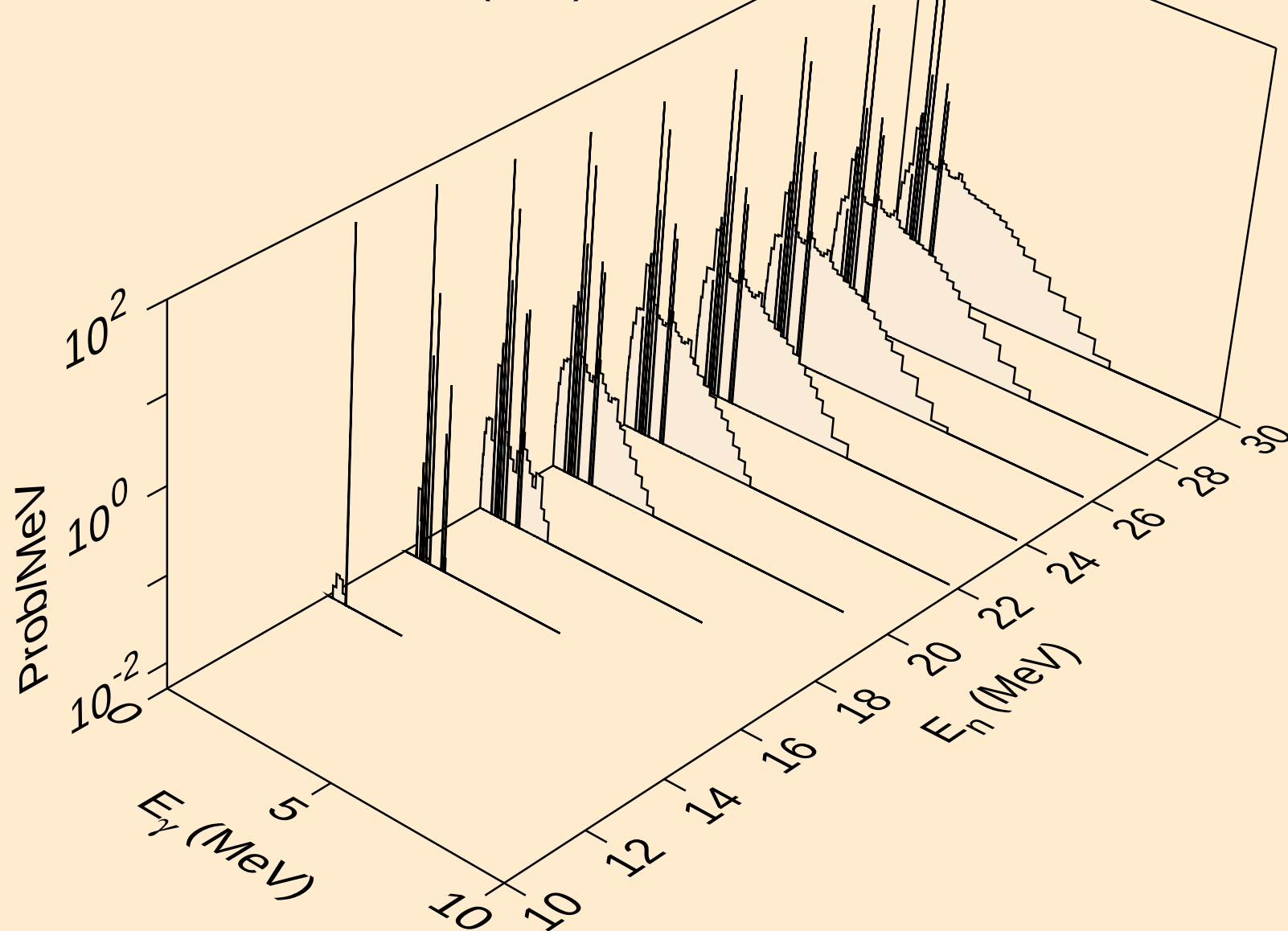


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Photon emission for (n,n\*)2a

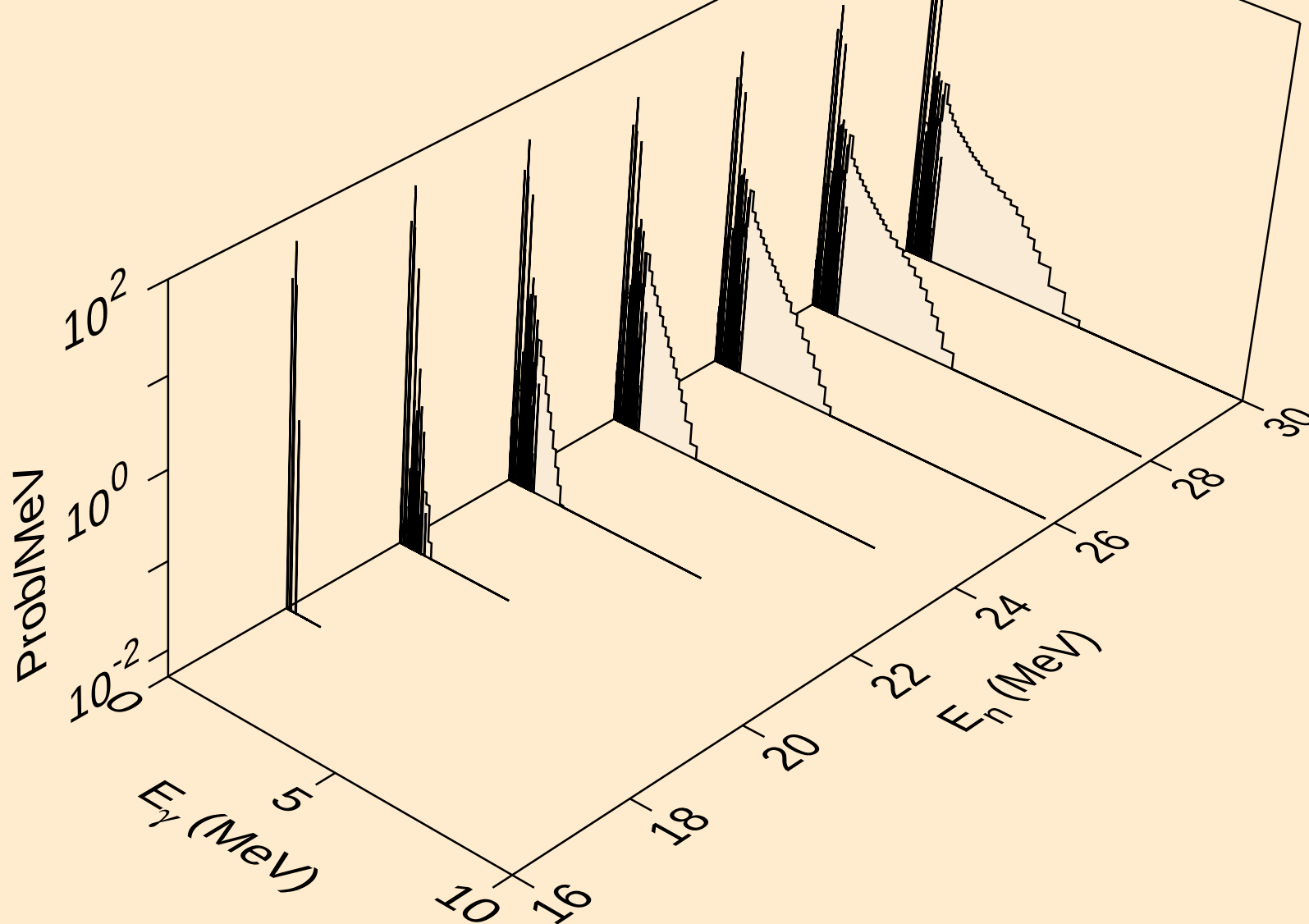


BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

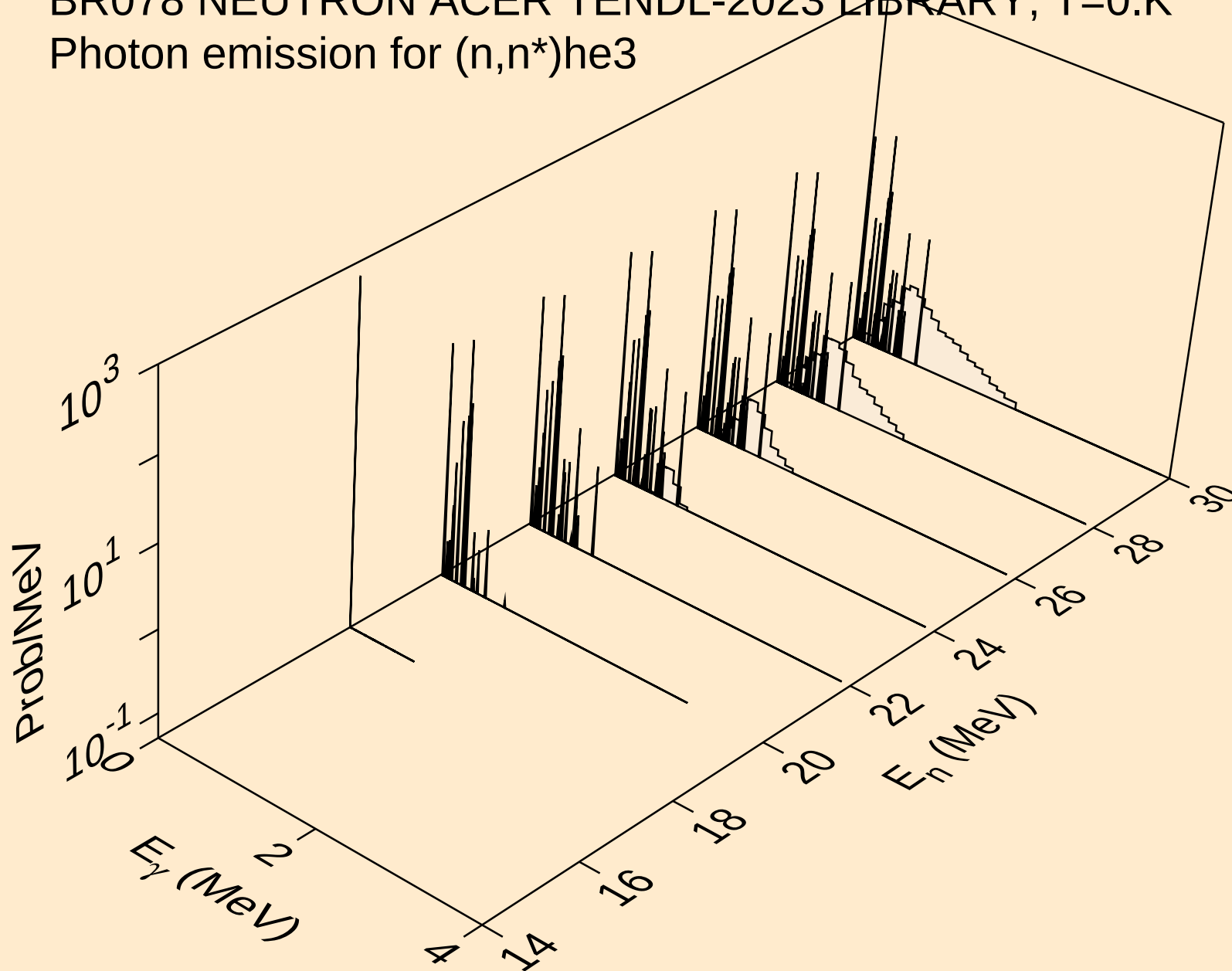
Photon emission for (n,n\*)d



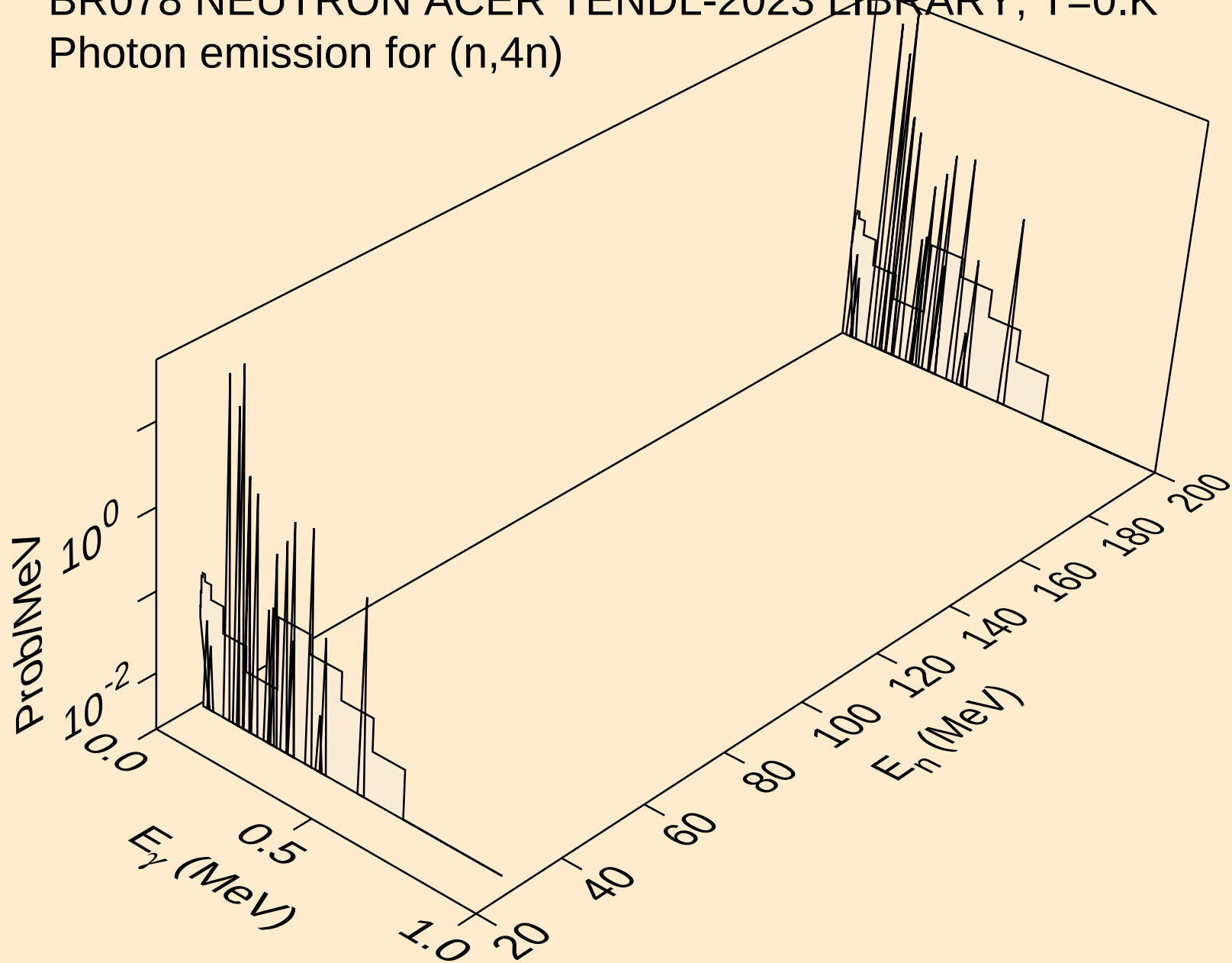
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

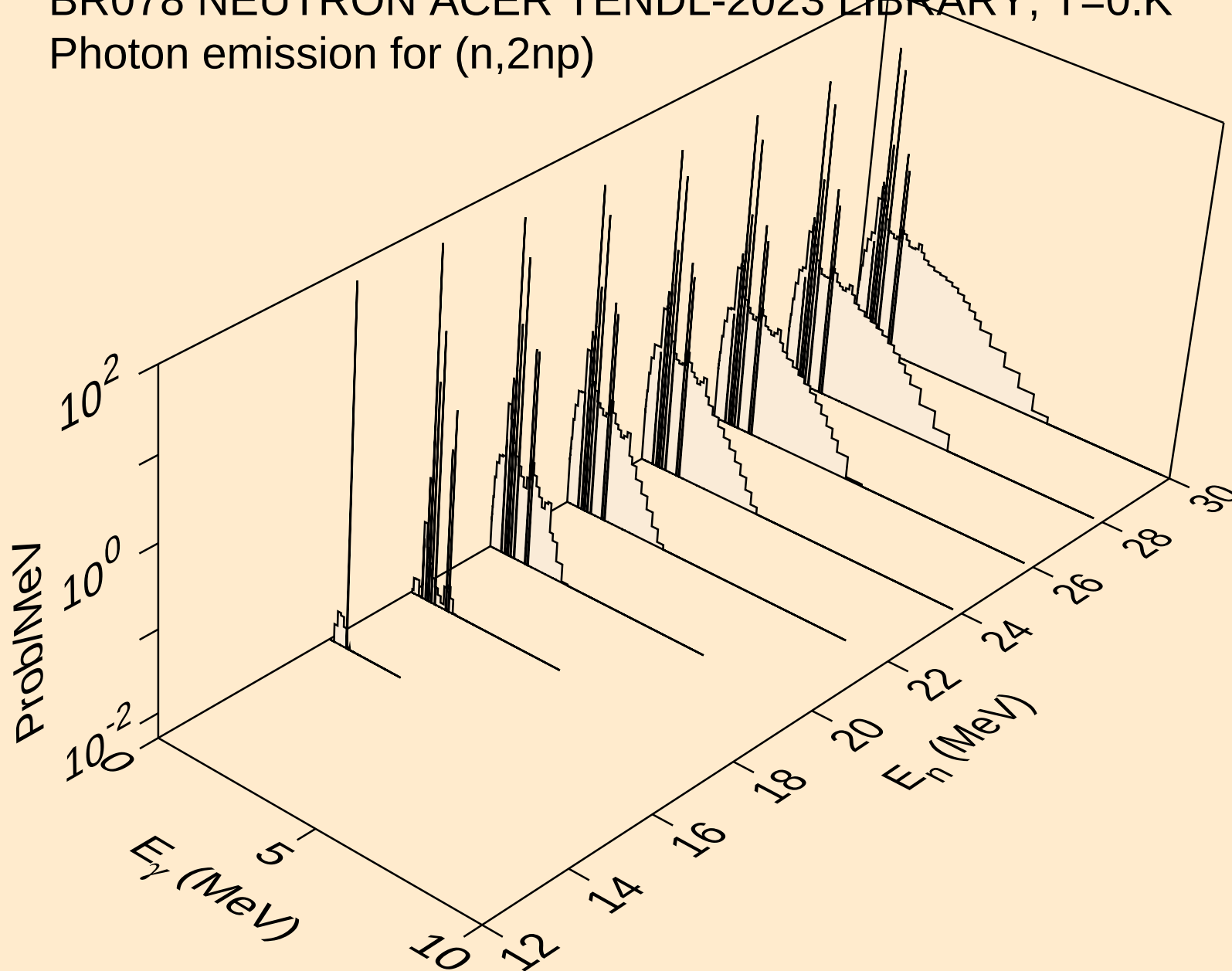


BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

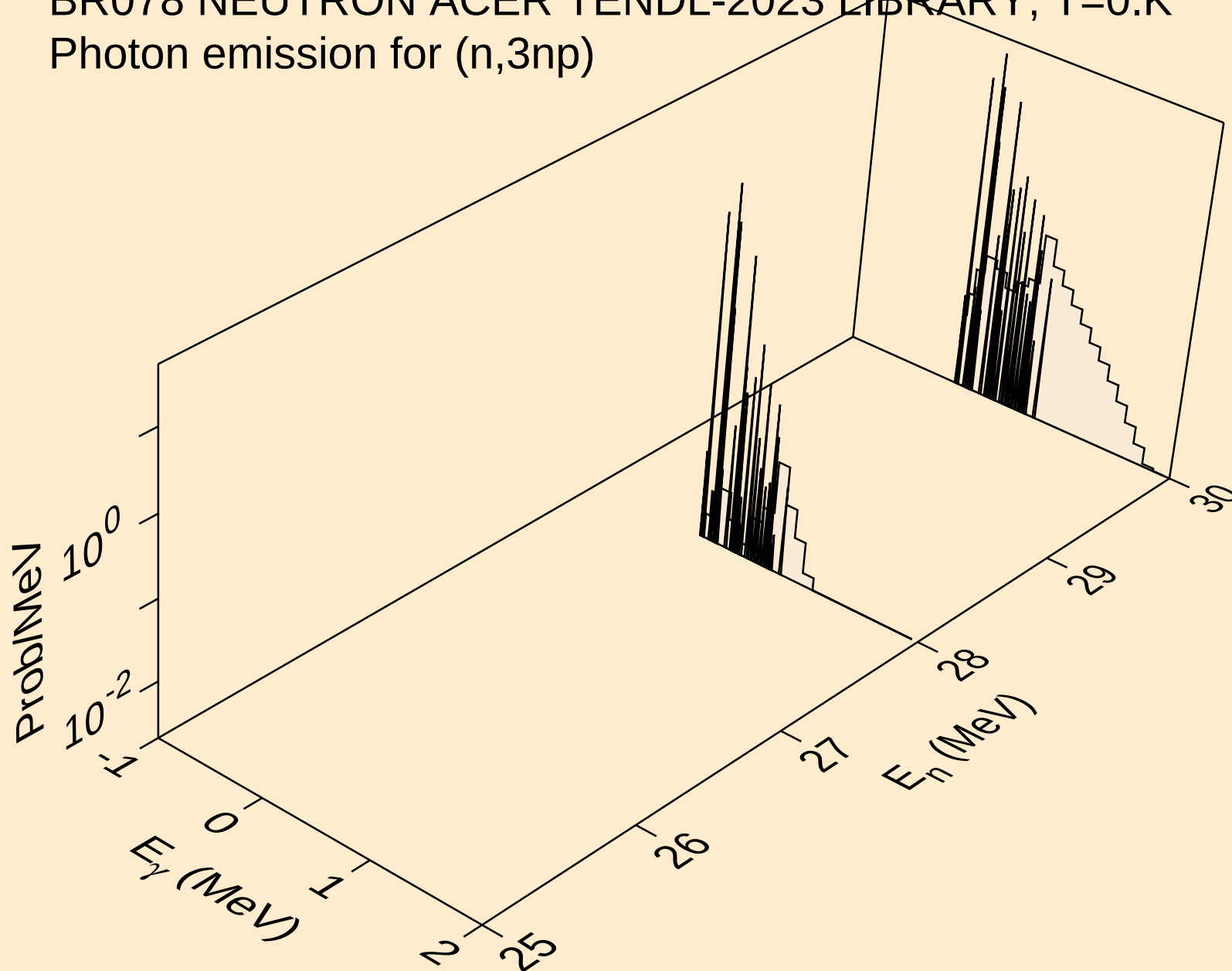




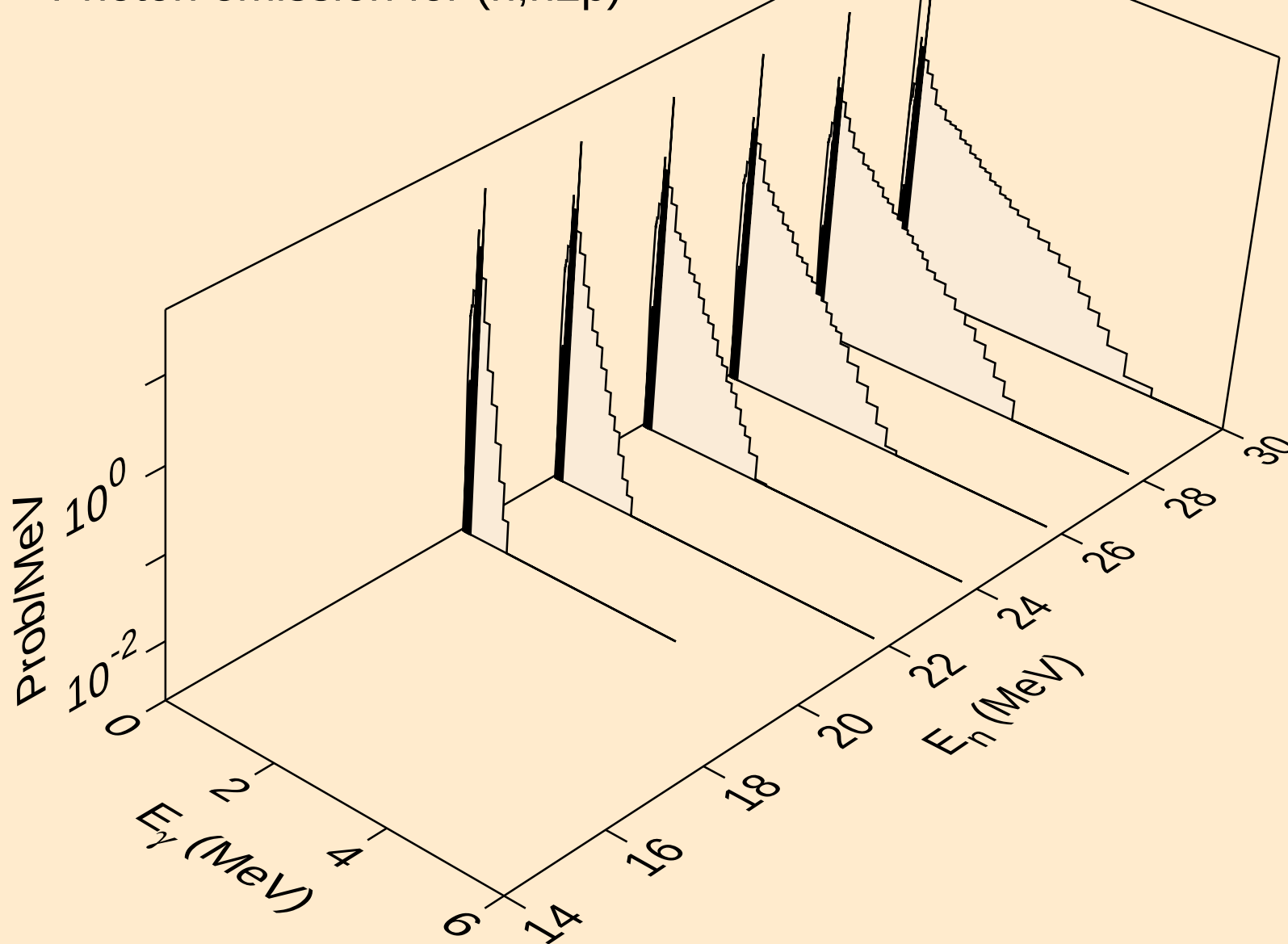
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



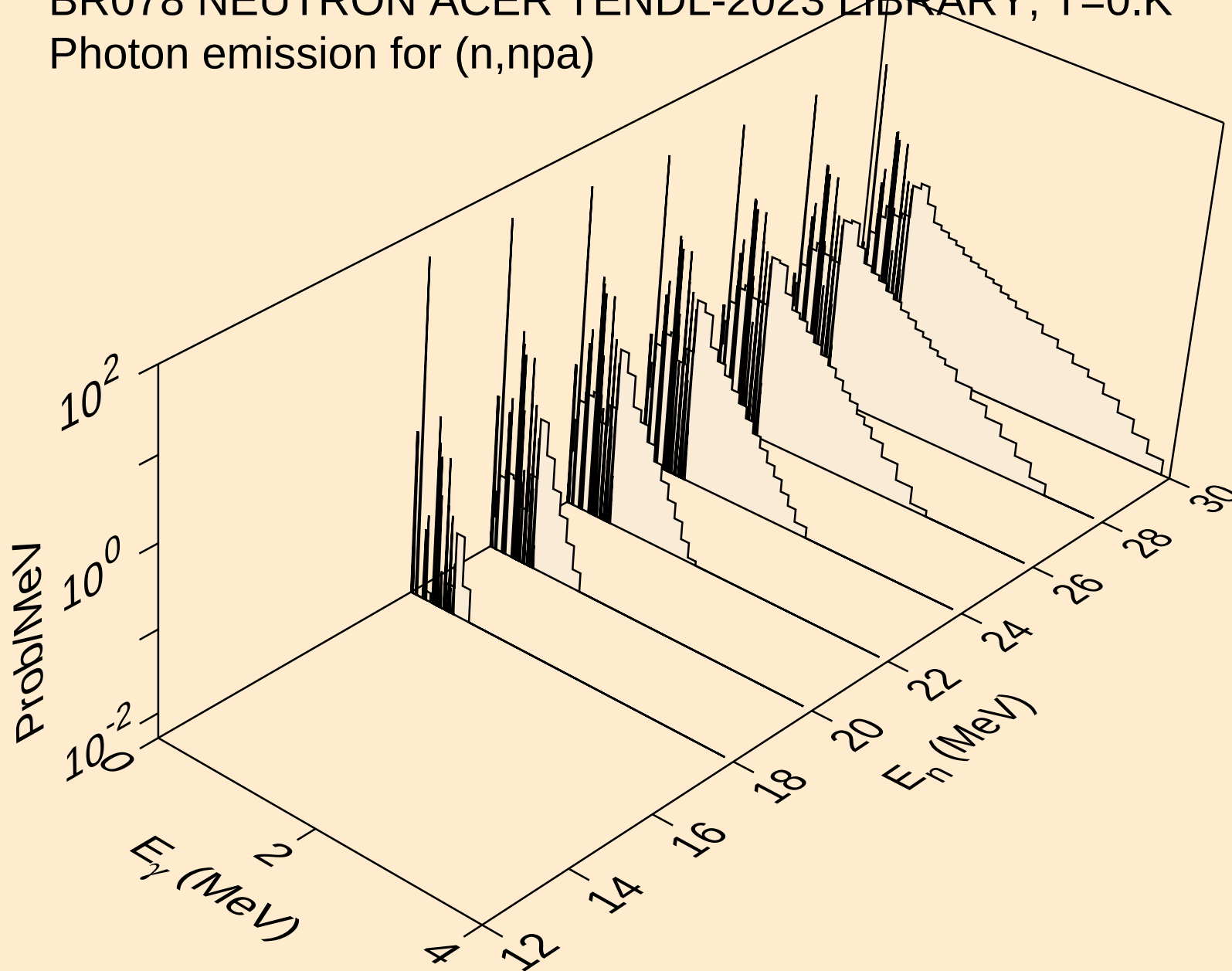
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Photon emission for (n,3np)



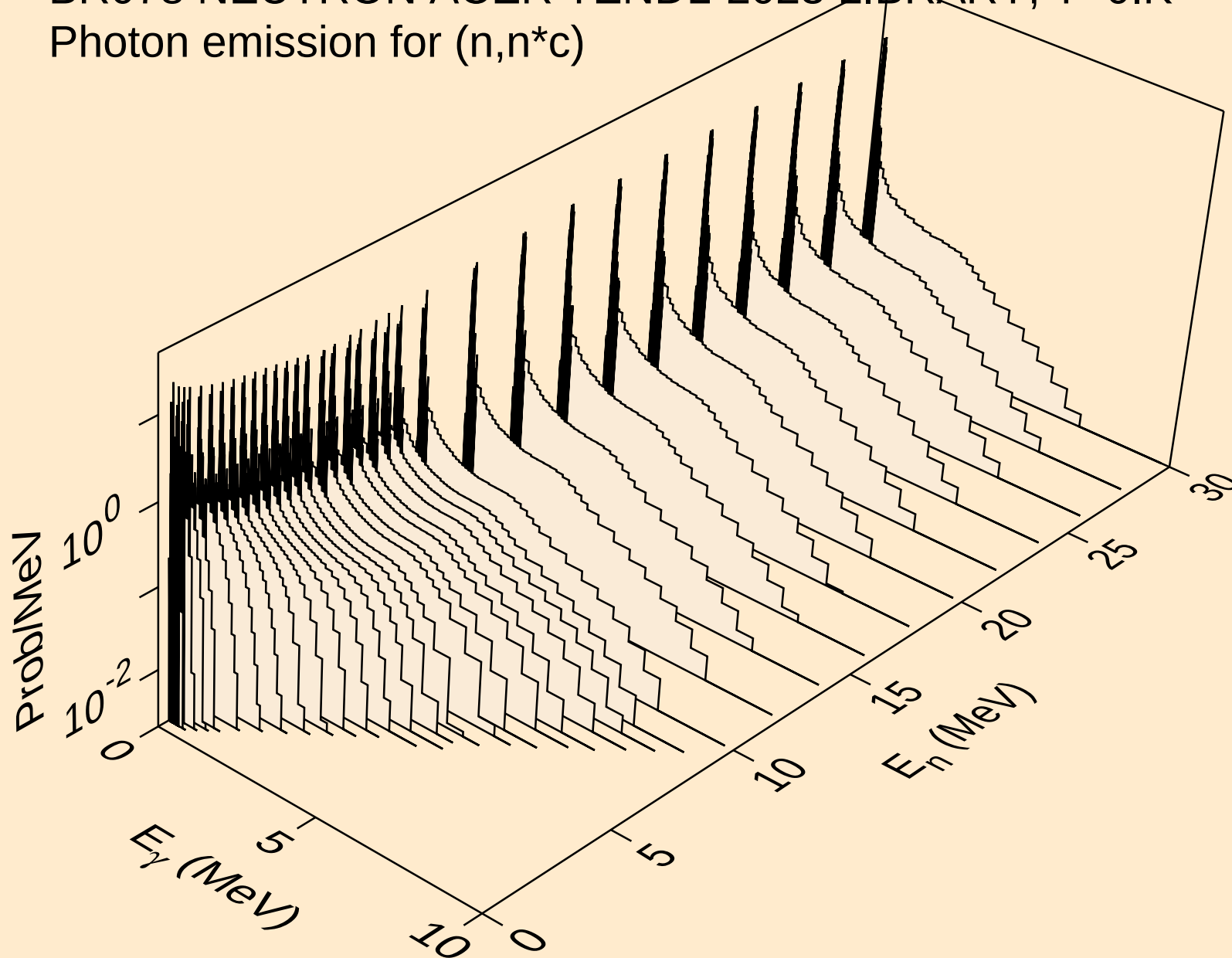
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Photon emission for (n,n2p)



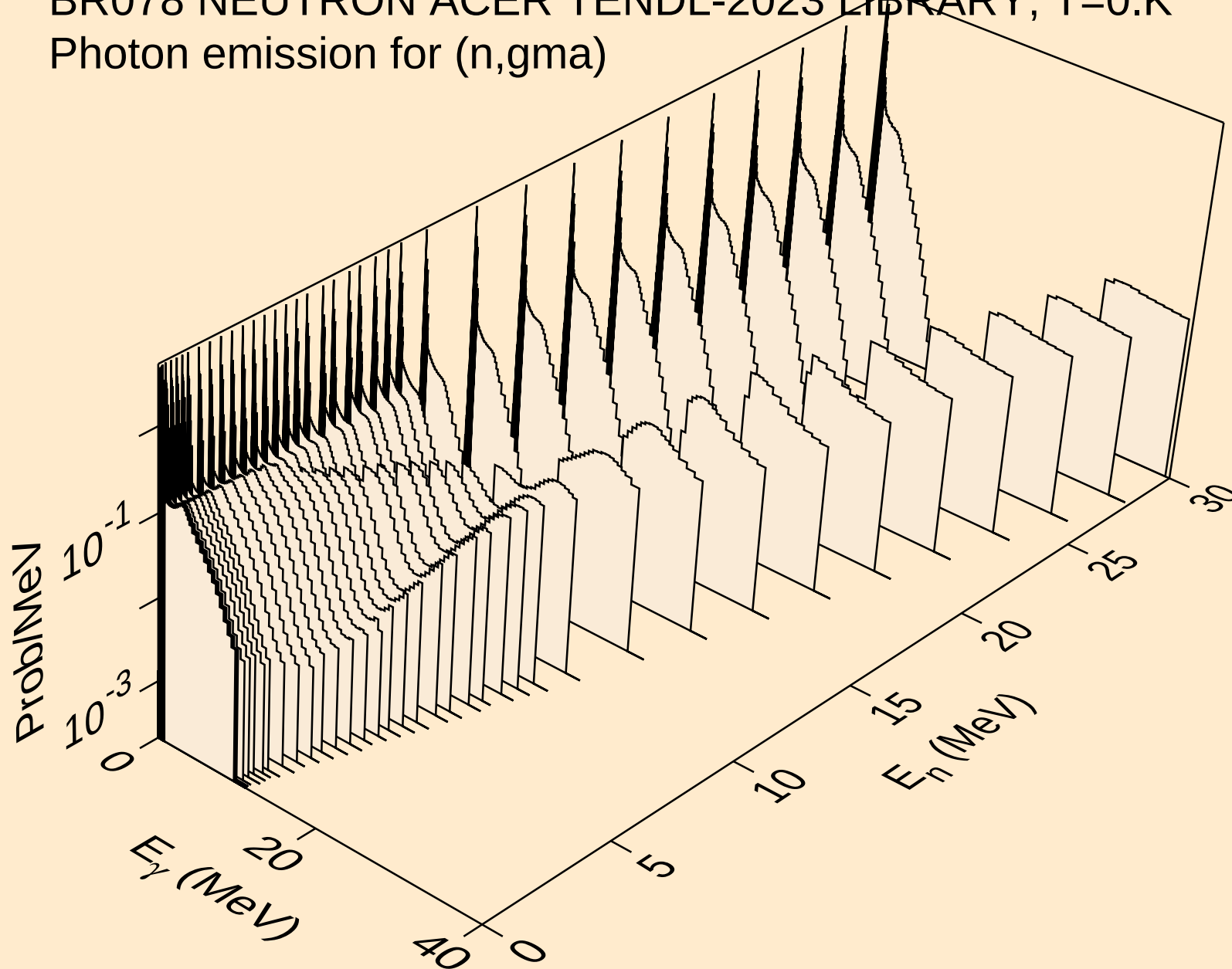
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Photon emission for (n,npa)



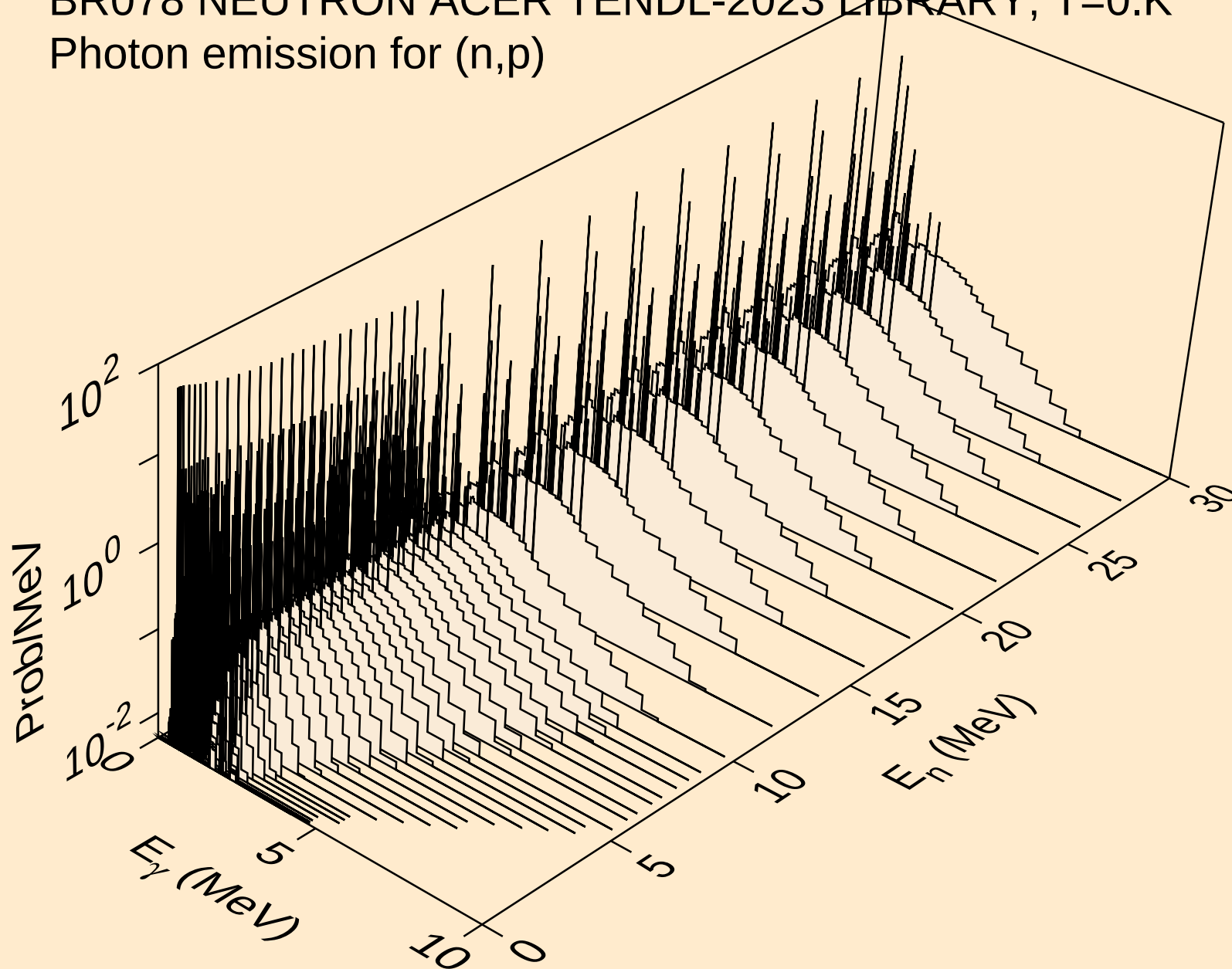
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Photon emission for (n,n\*c)



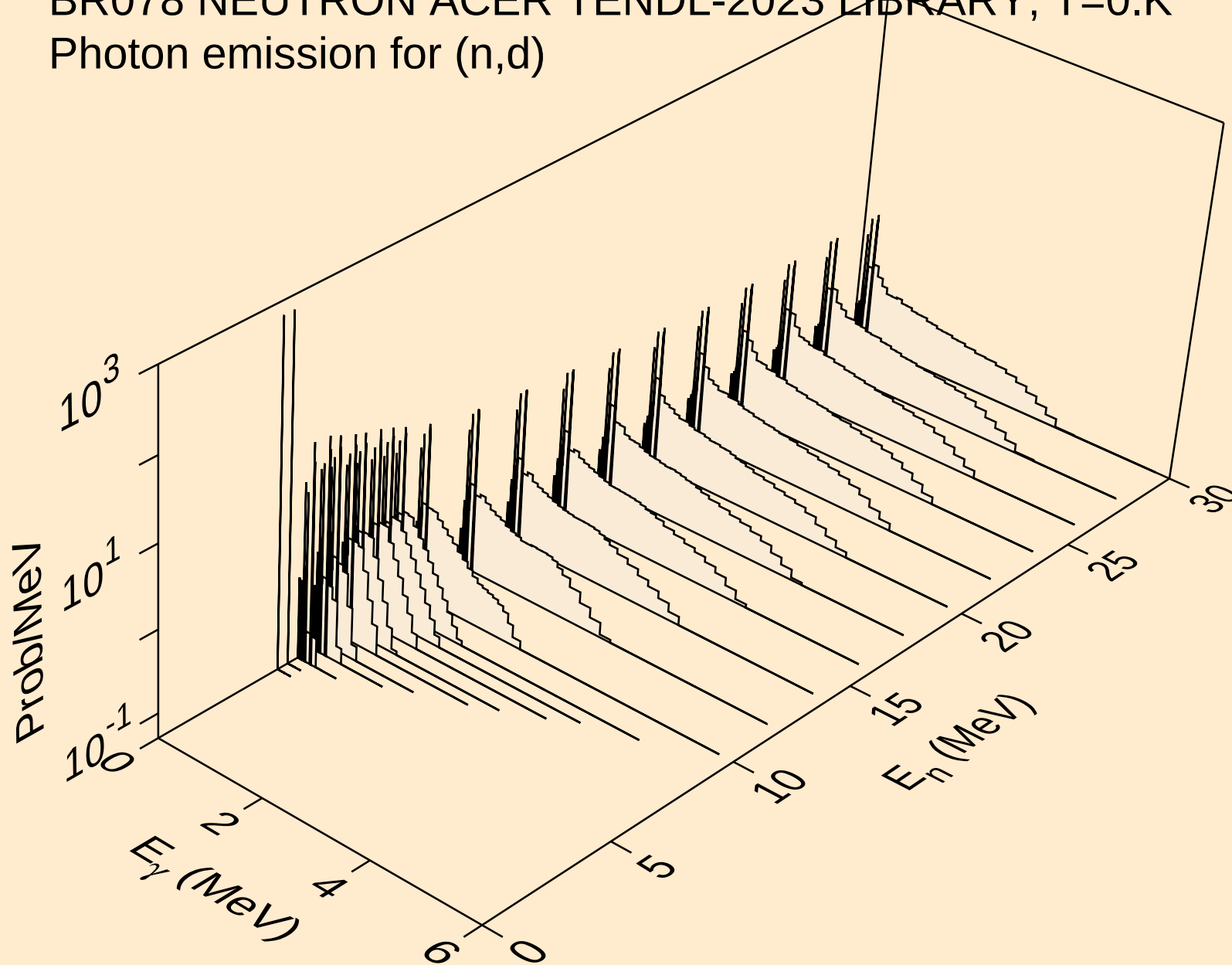
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Photon emission for (n,gma)



BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

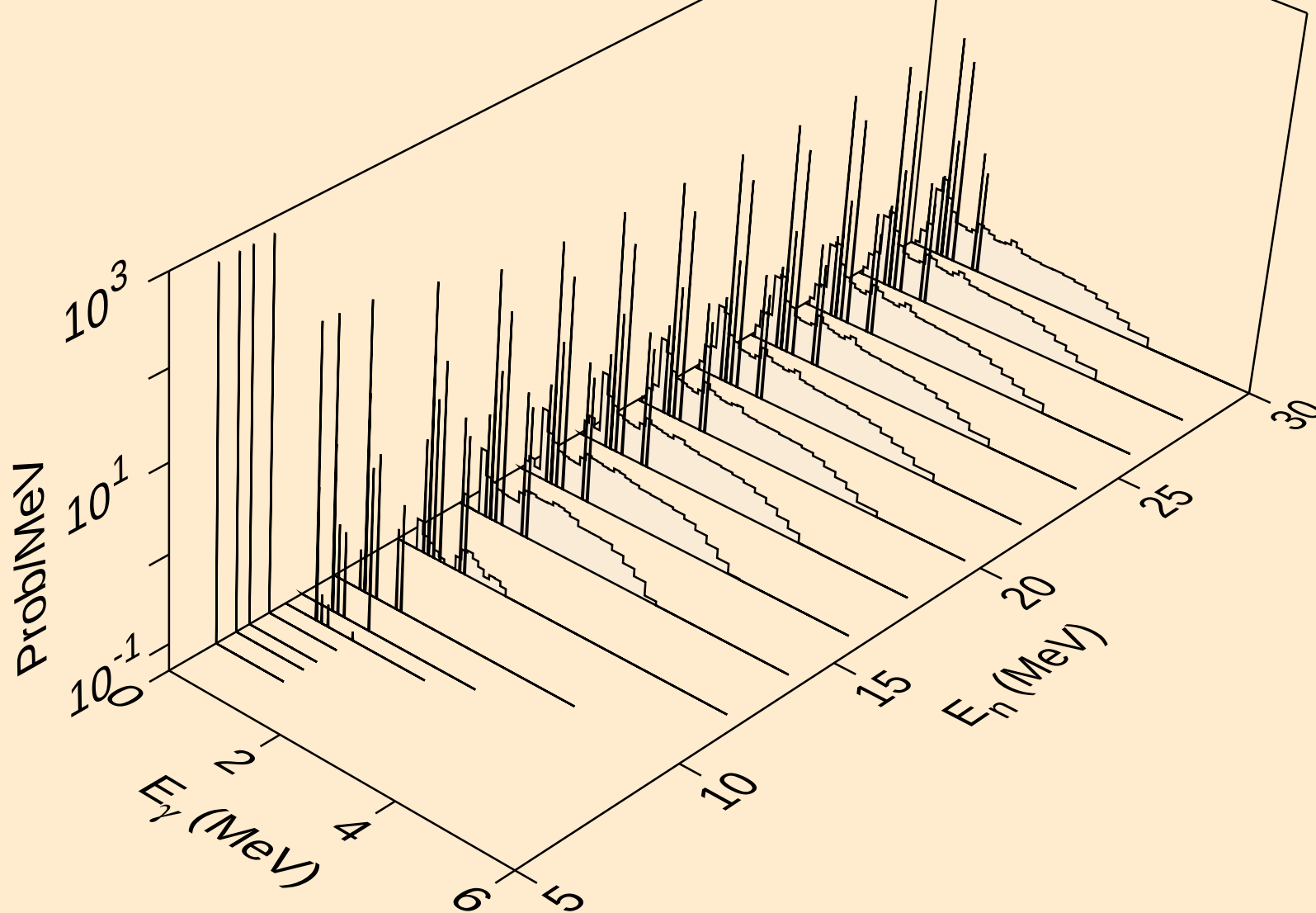


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Photon emission for (n,d)

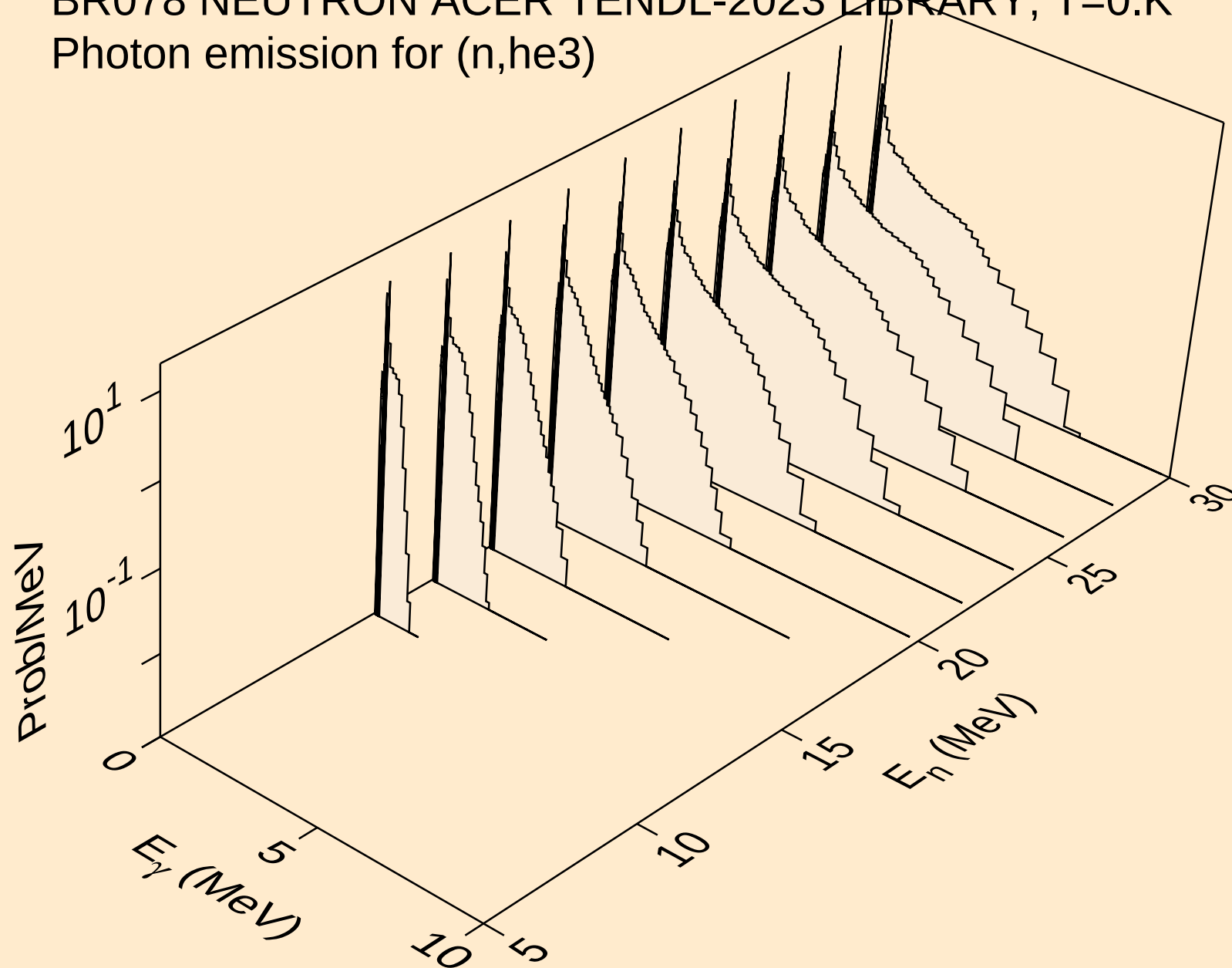




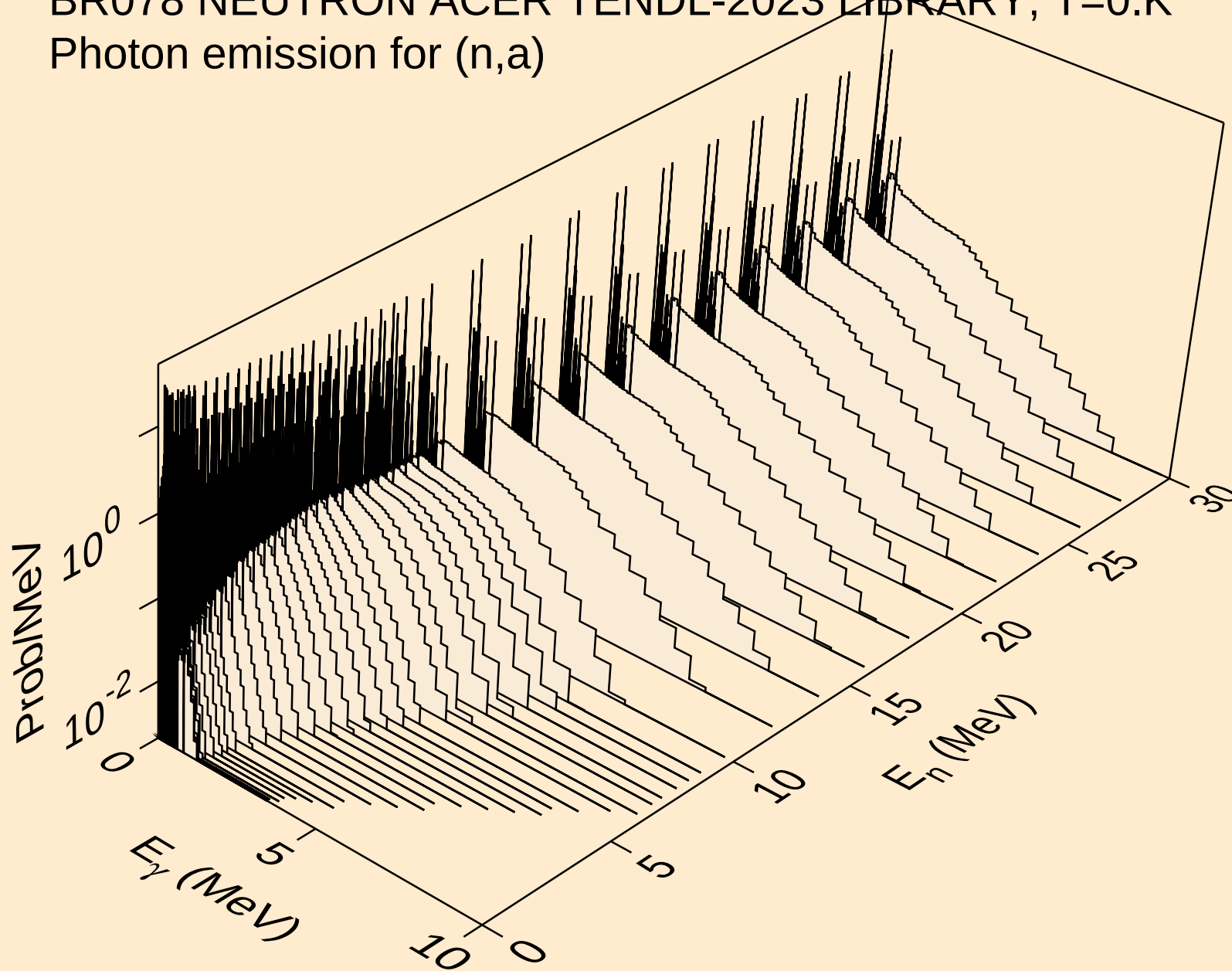
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Photon emission for (n,t)



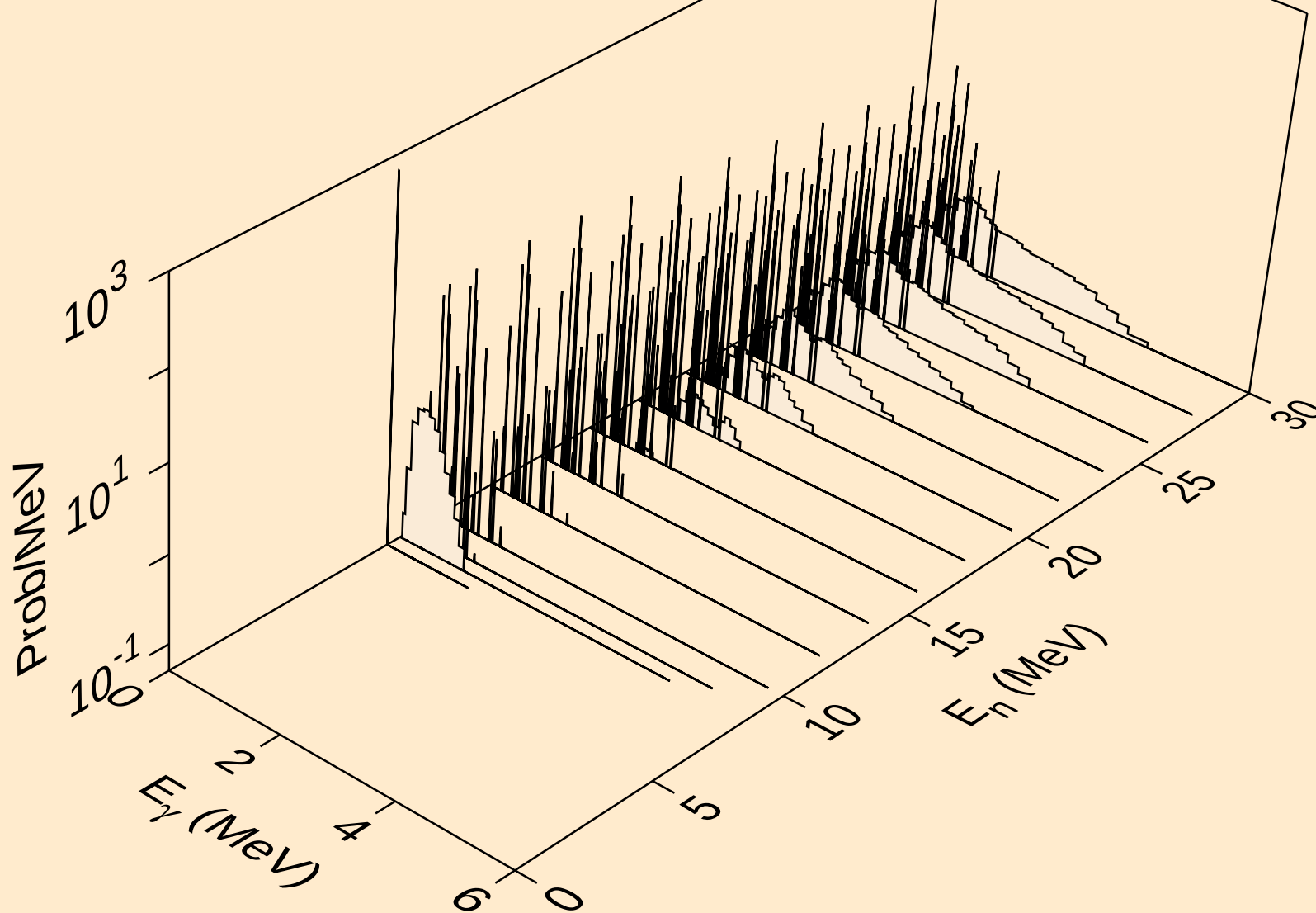
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Photon emission for (n,he3)



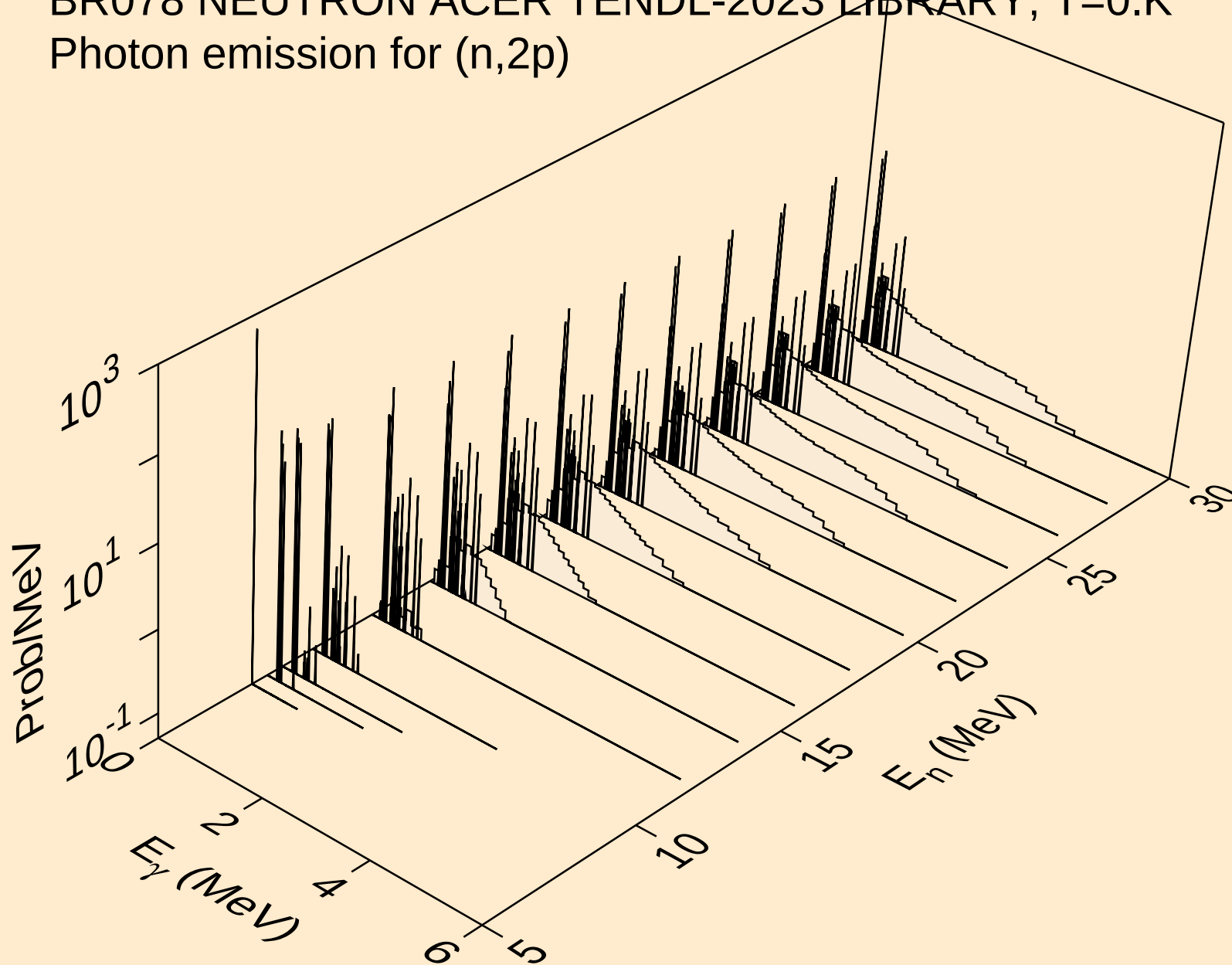
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Photon emission for (n,a)



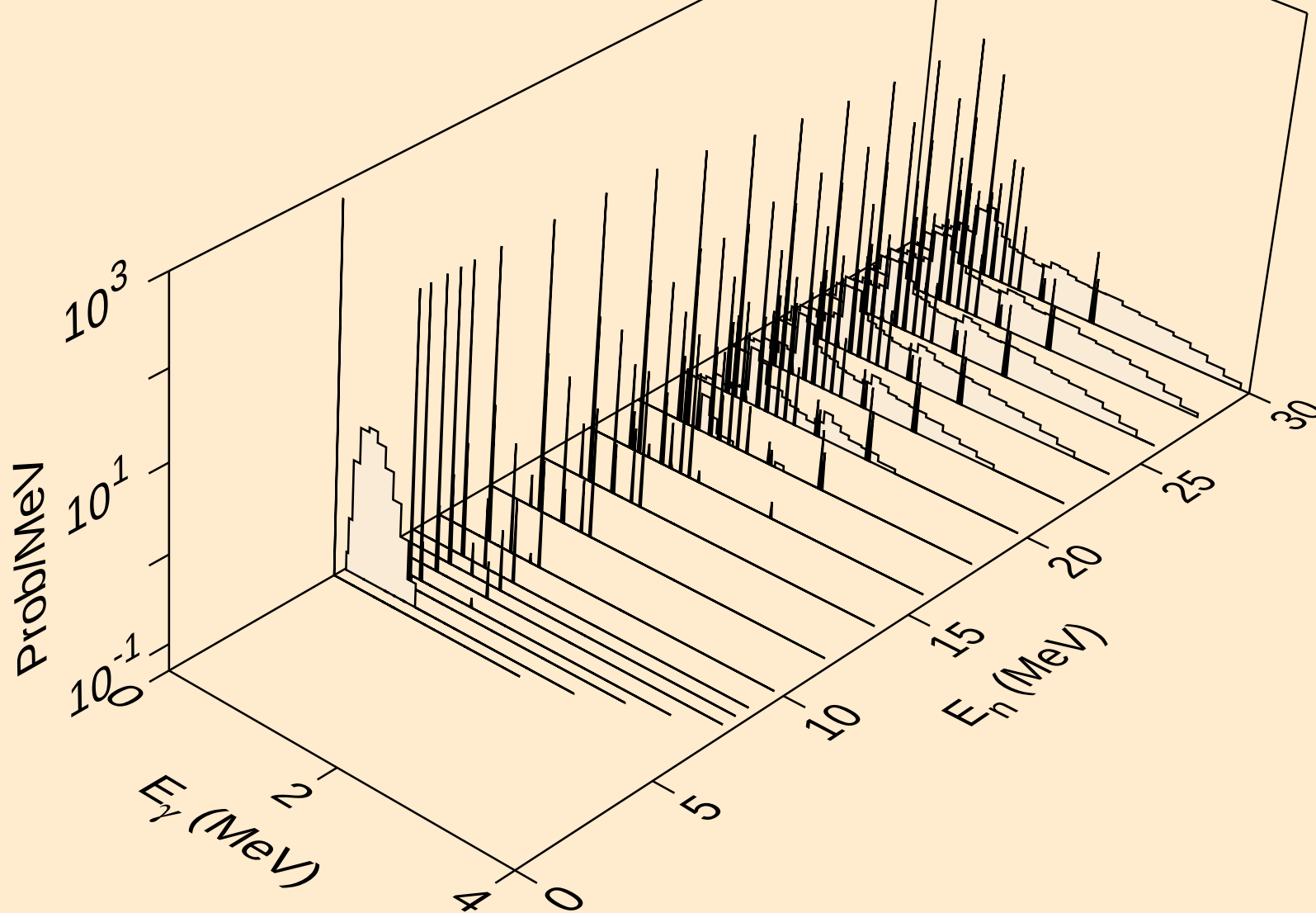
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Photon emission for (n,2a)



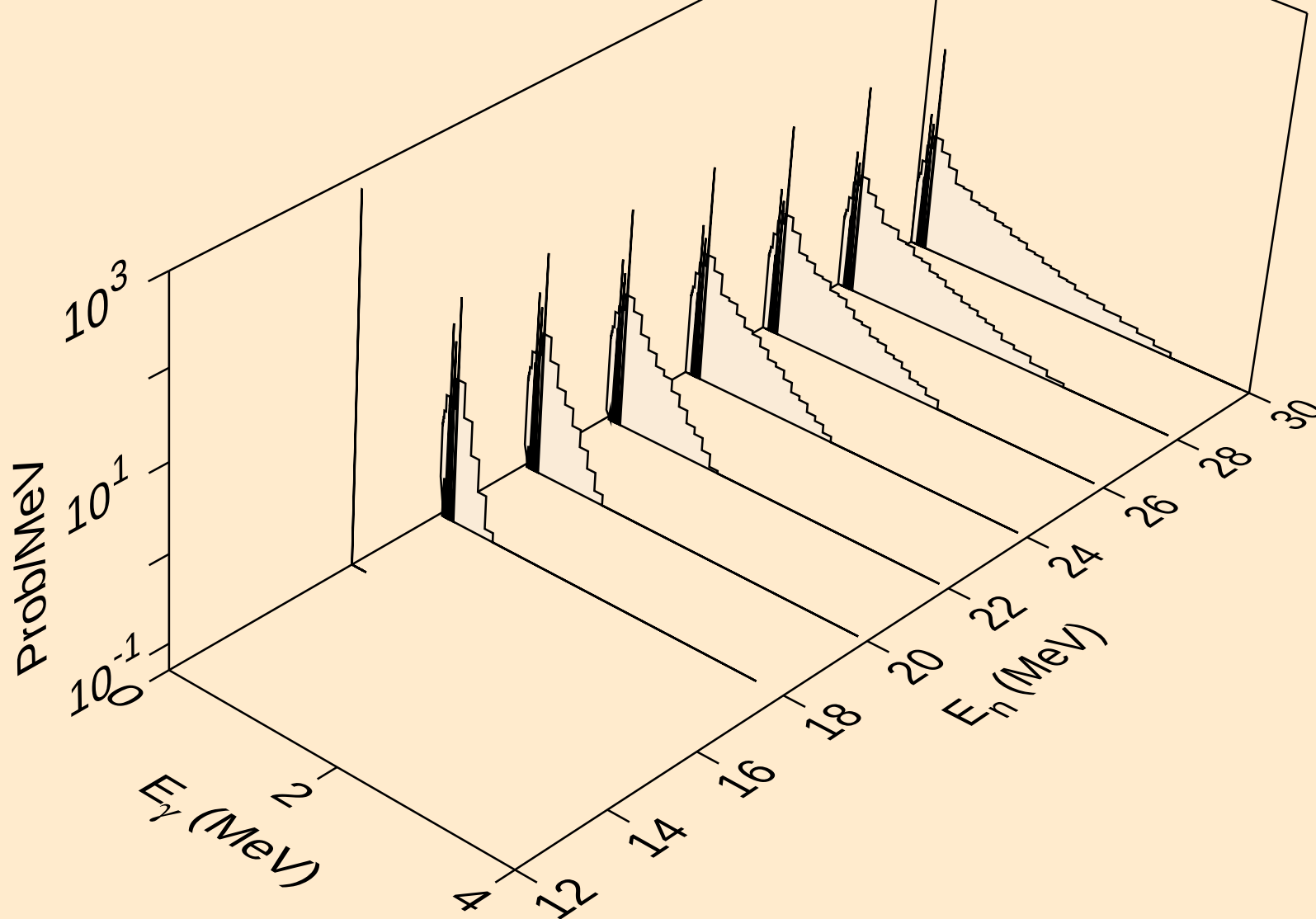
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Photon emission for (n,2p)



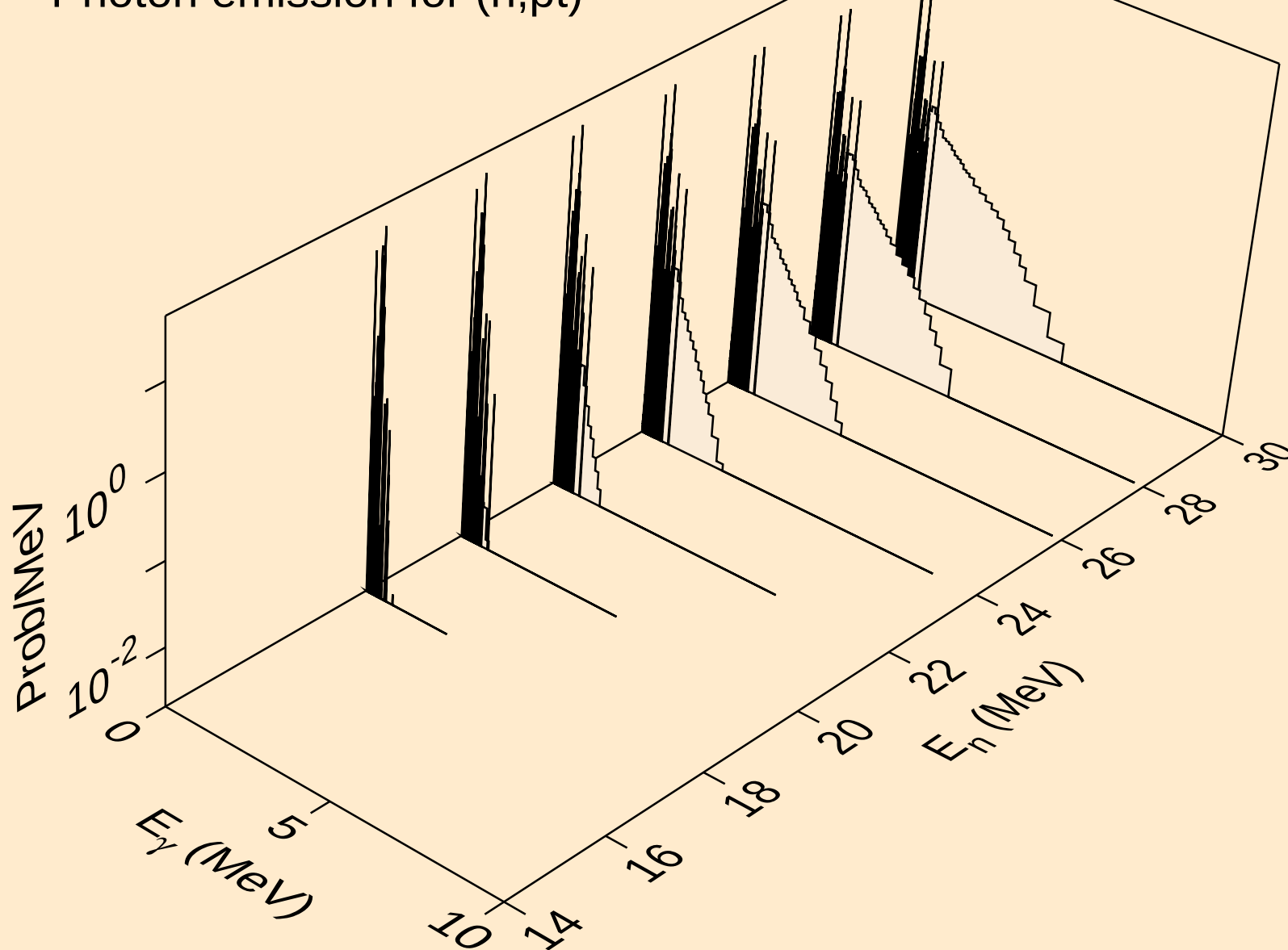
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

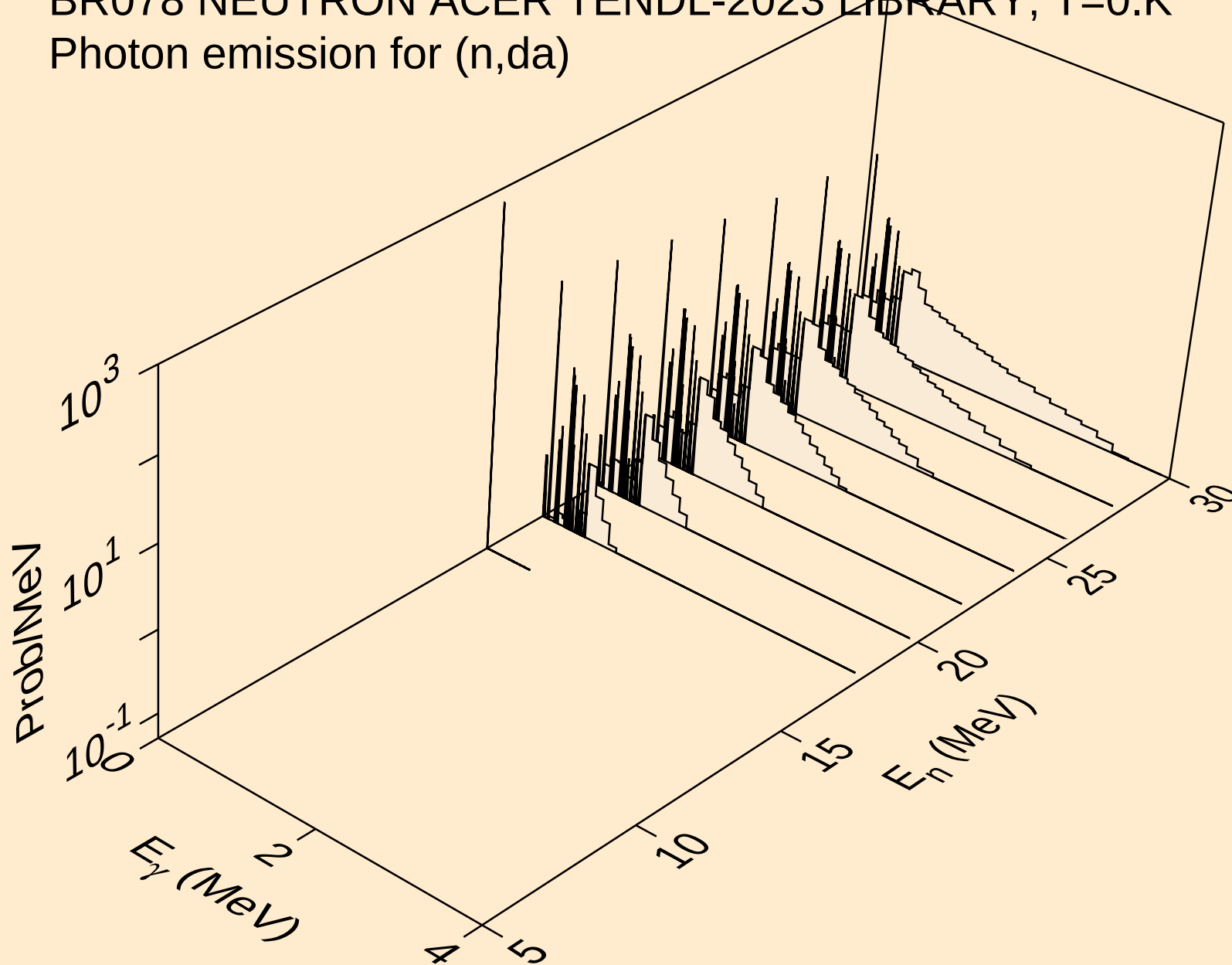


BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

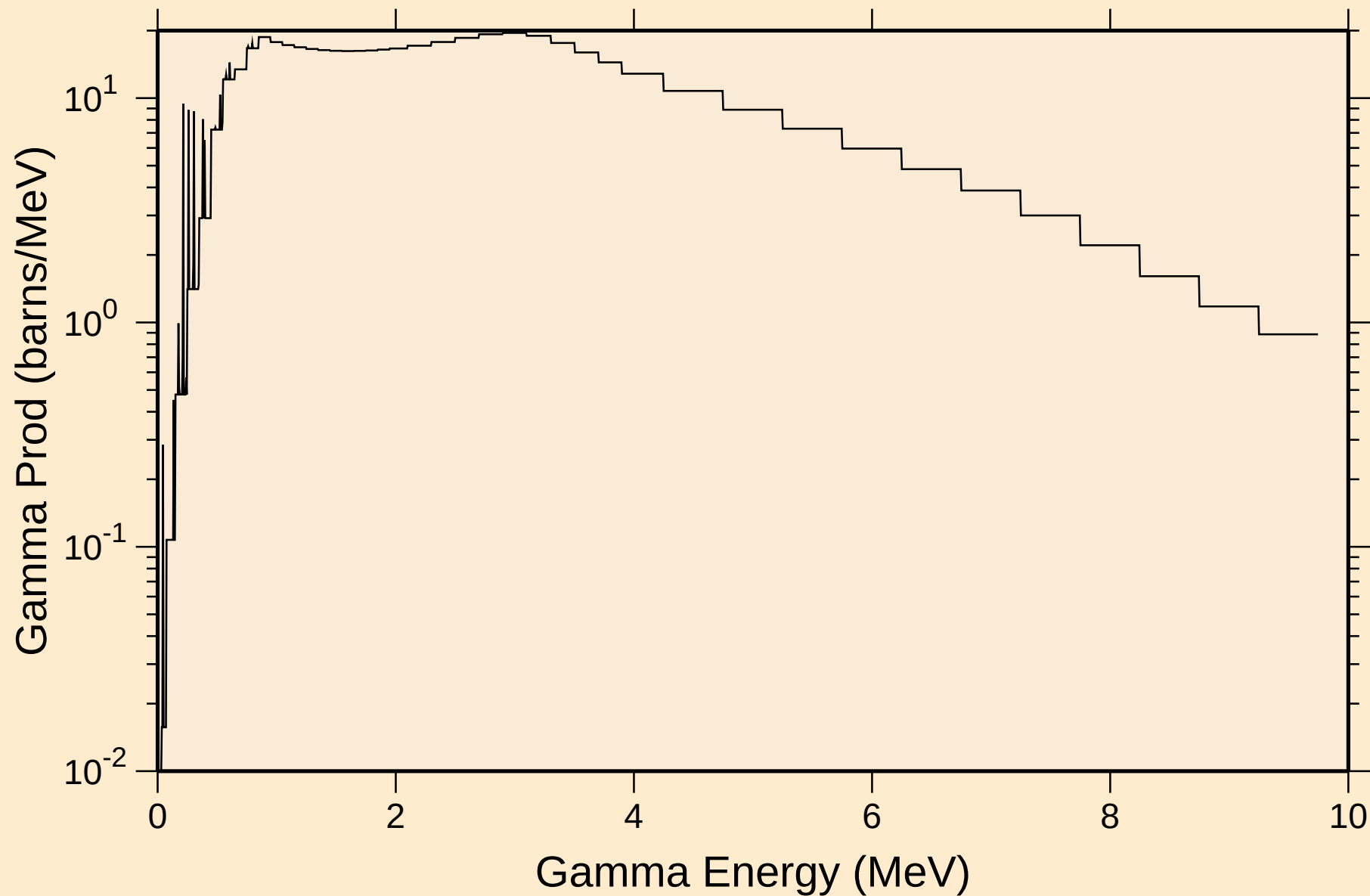




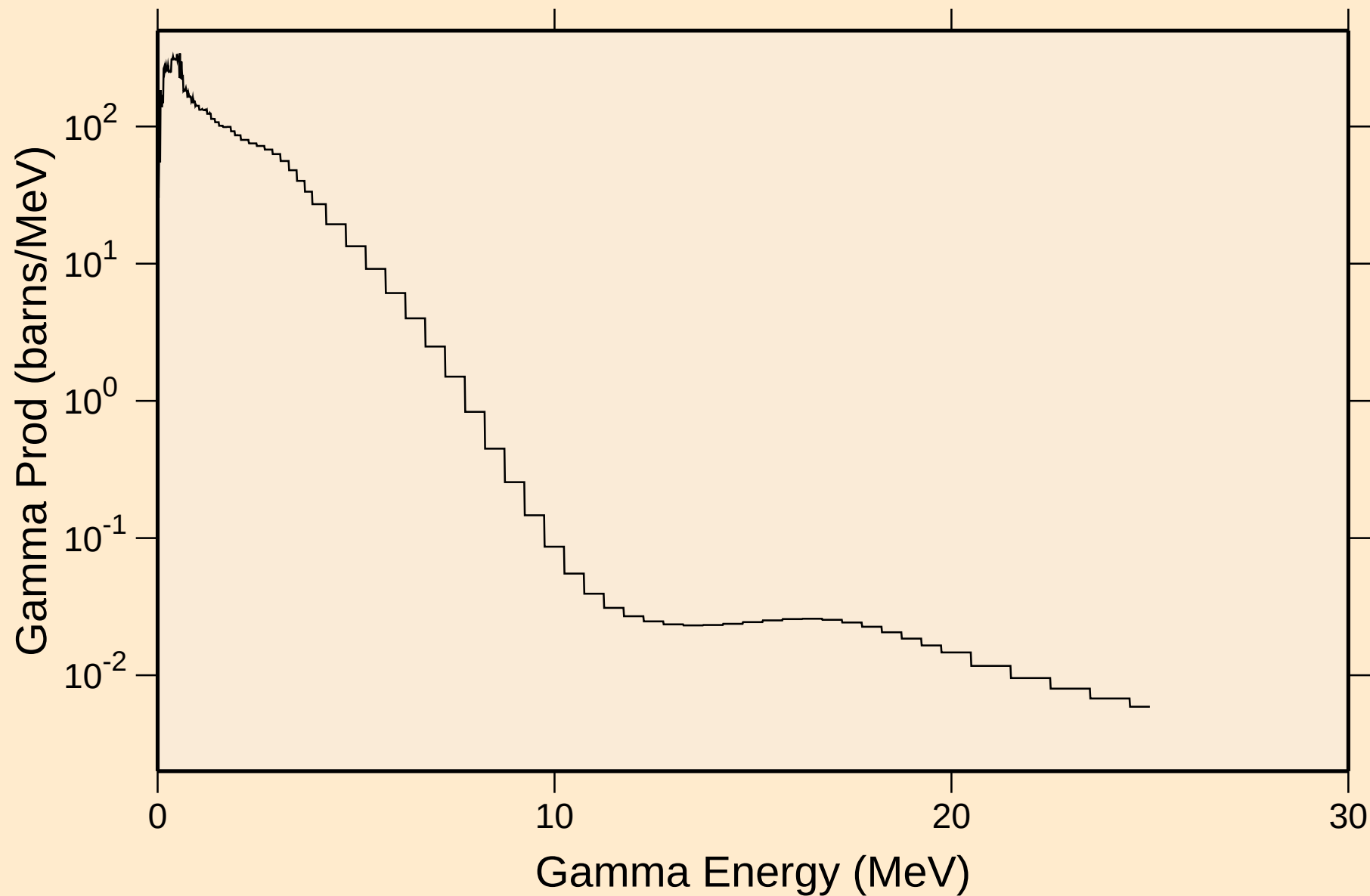
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Photon emission for (n,da)



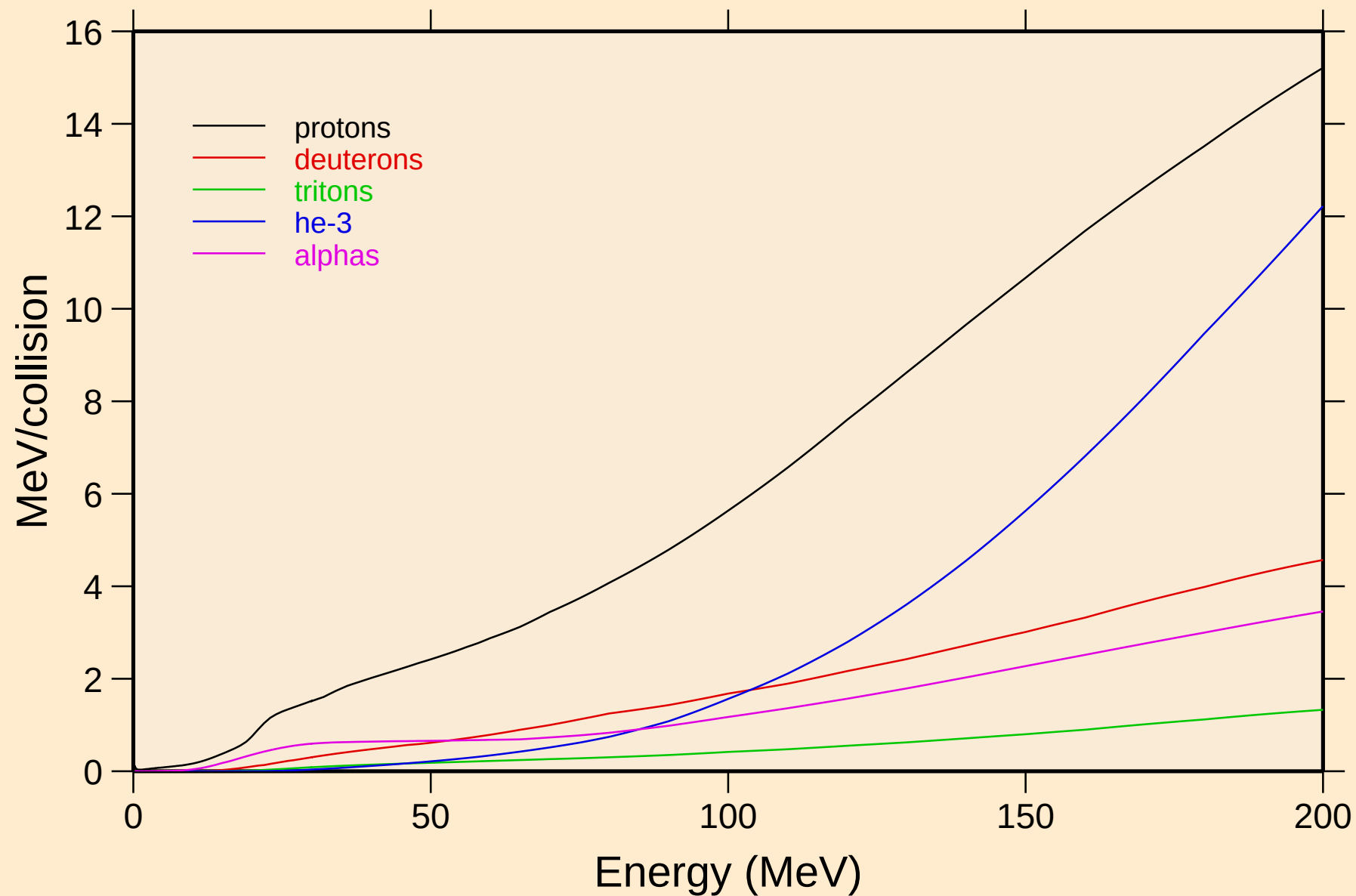
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thermal capture photon spectrum



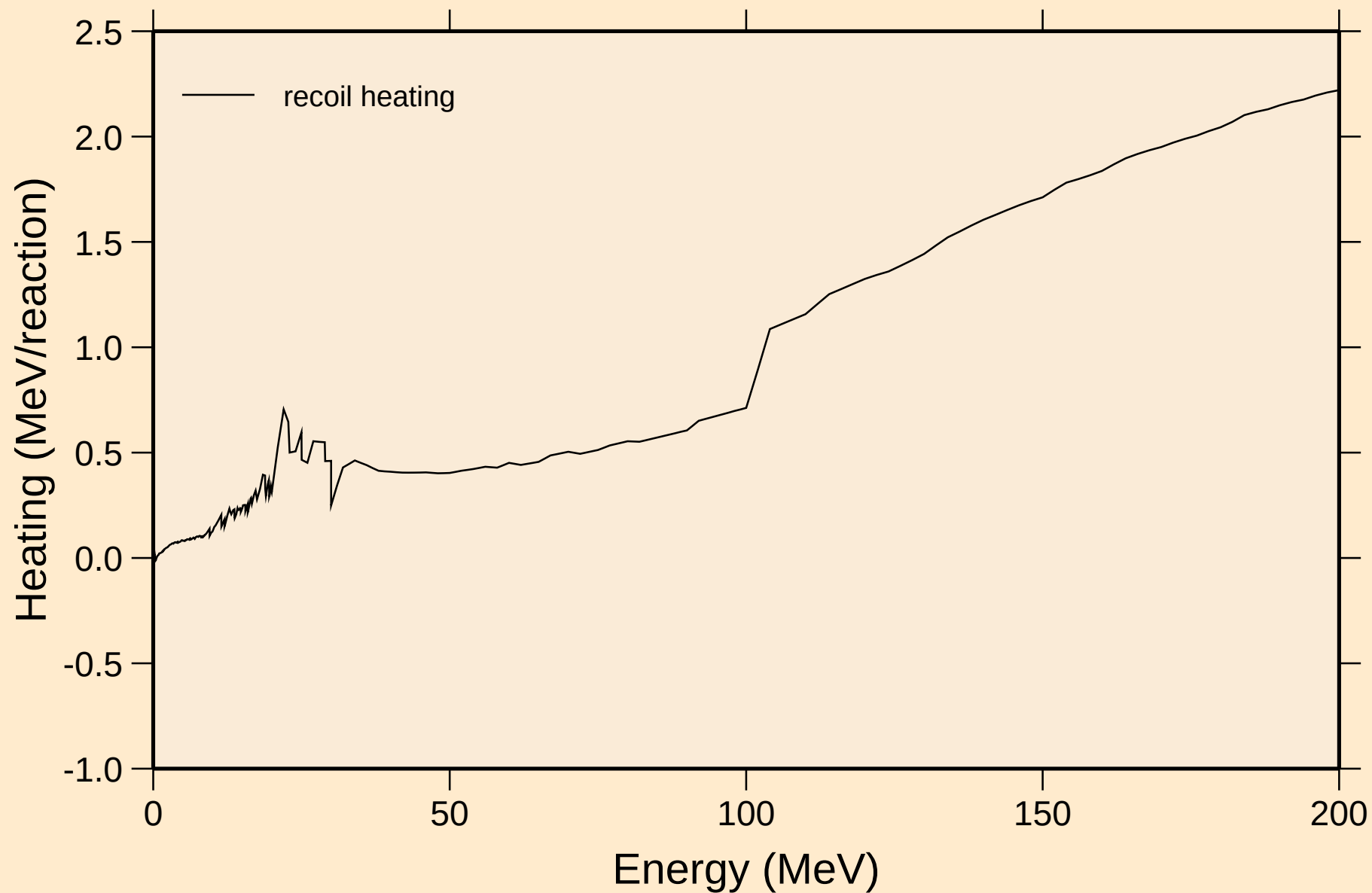
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14 MeV photon spectrum



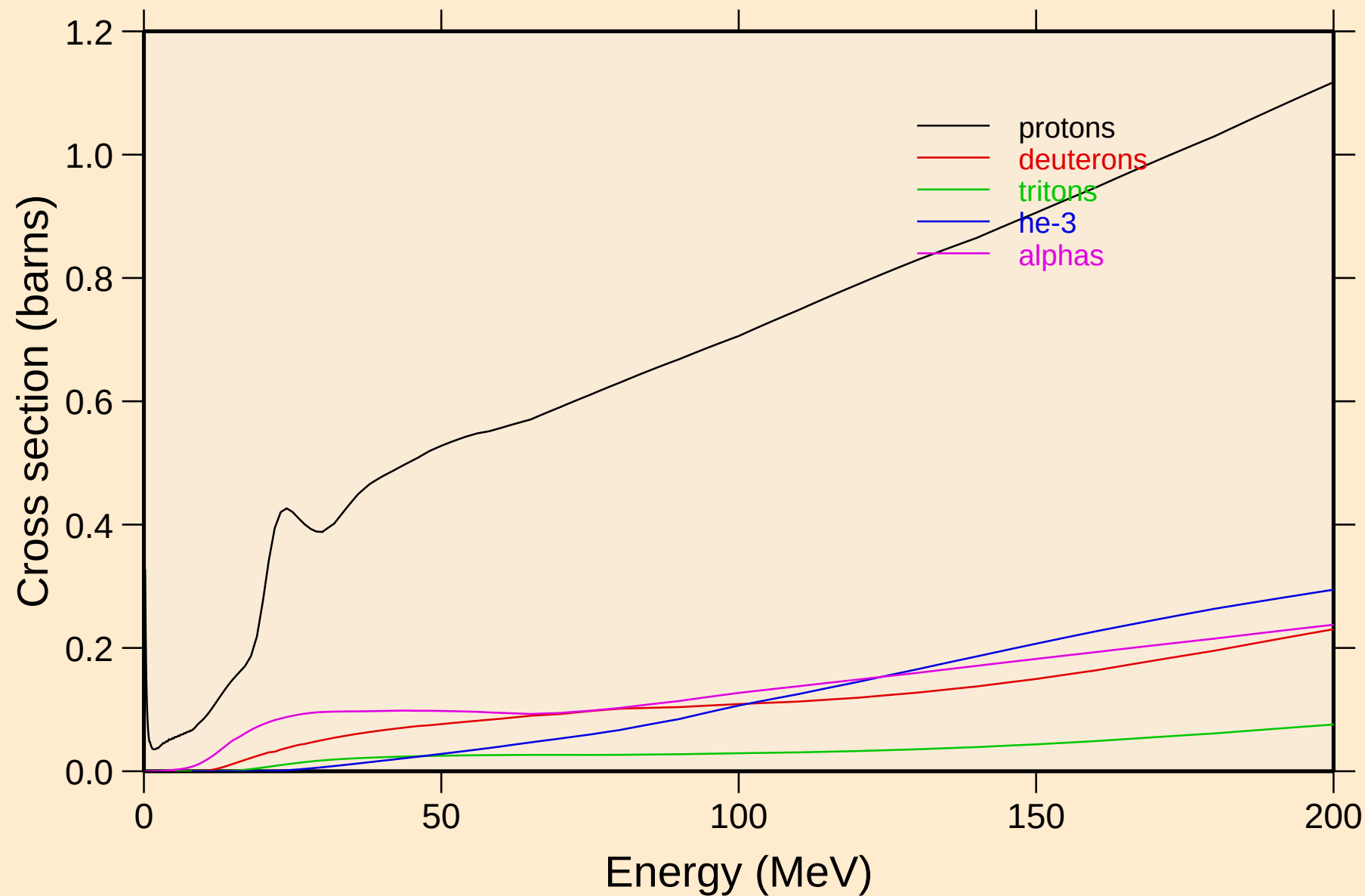
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Particle heating contributions



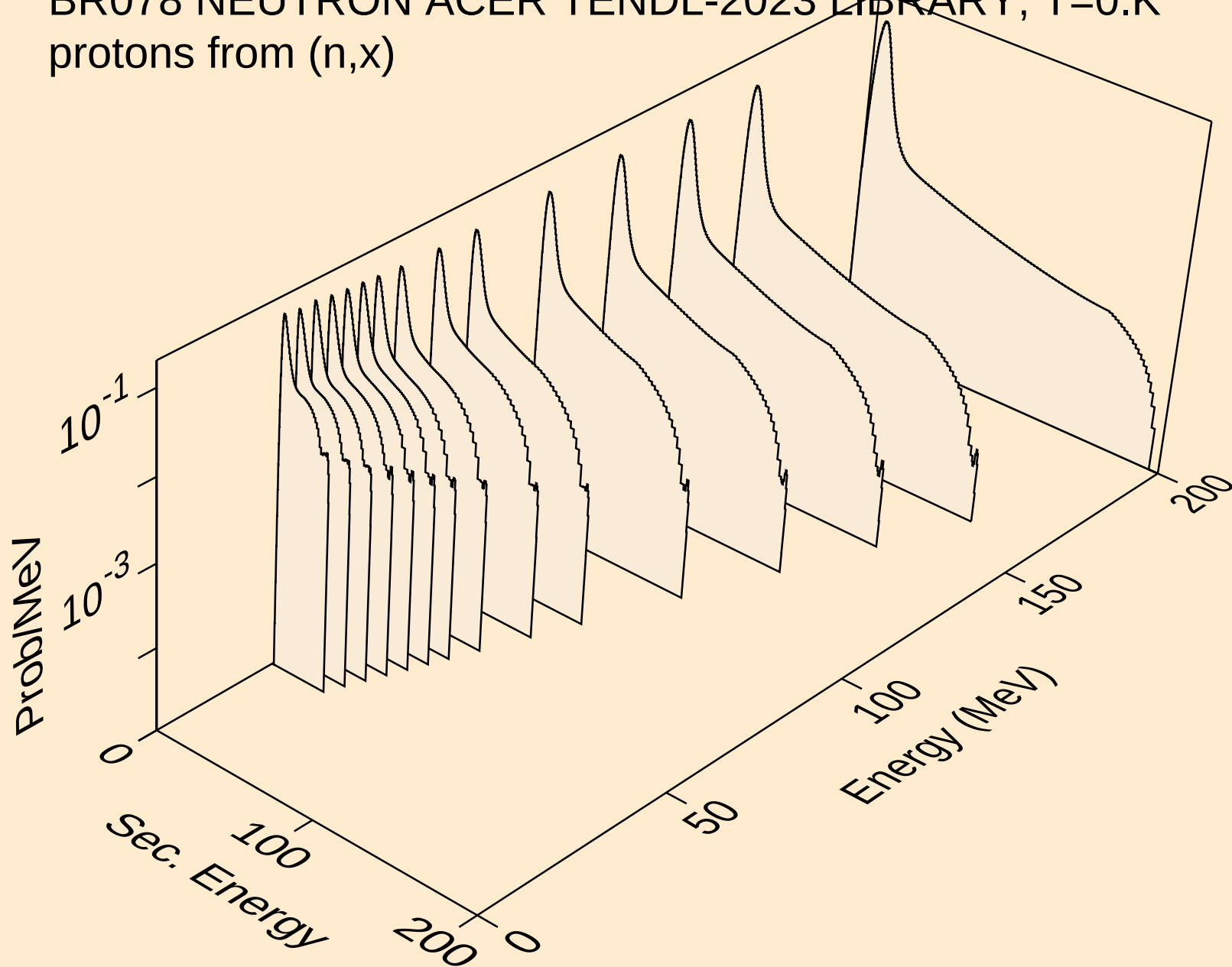
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Recoil Heating



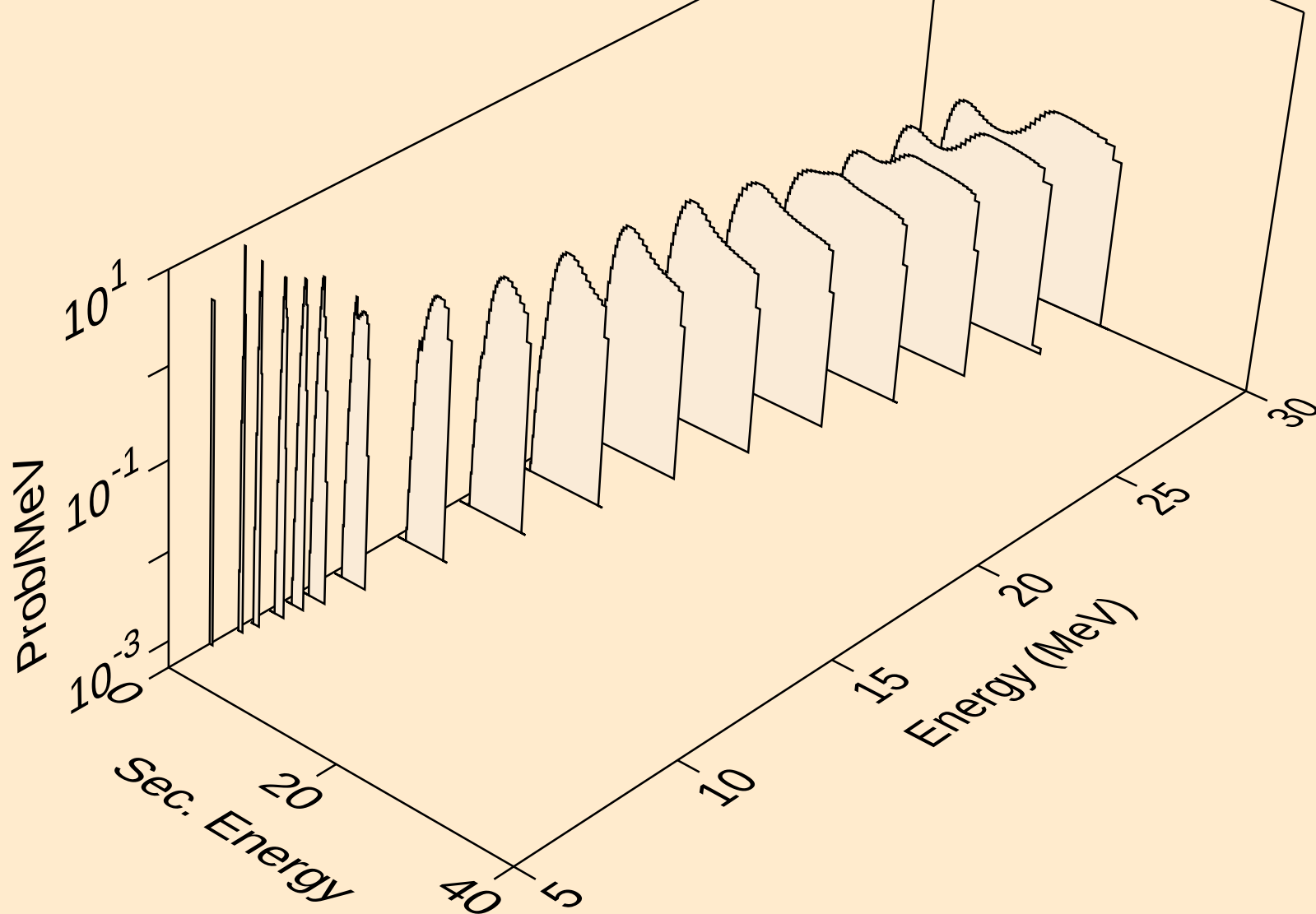
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)

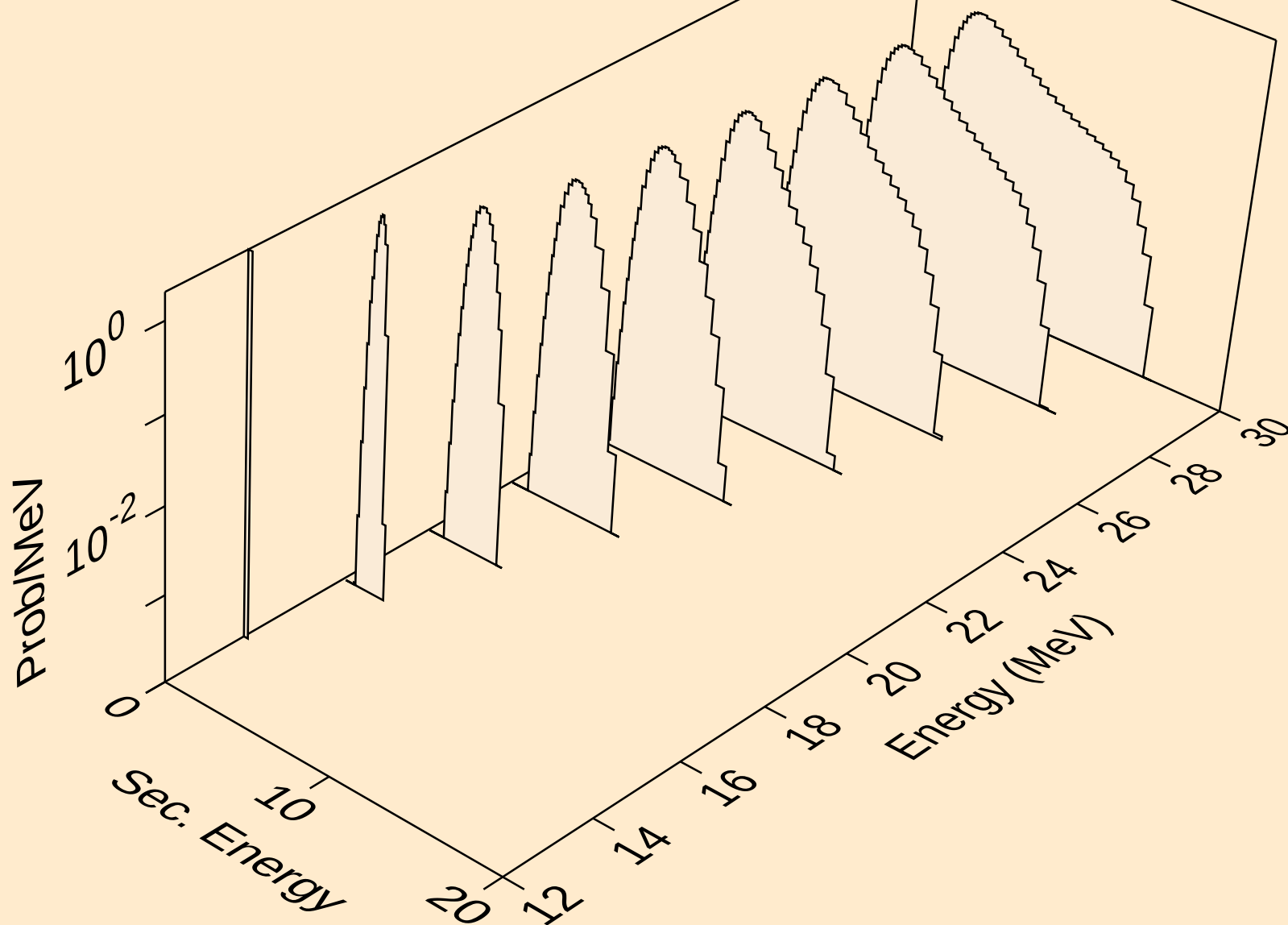


BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p

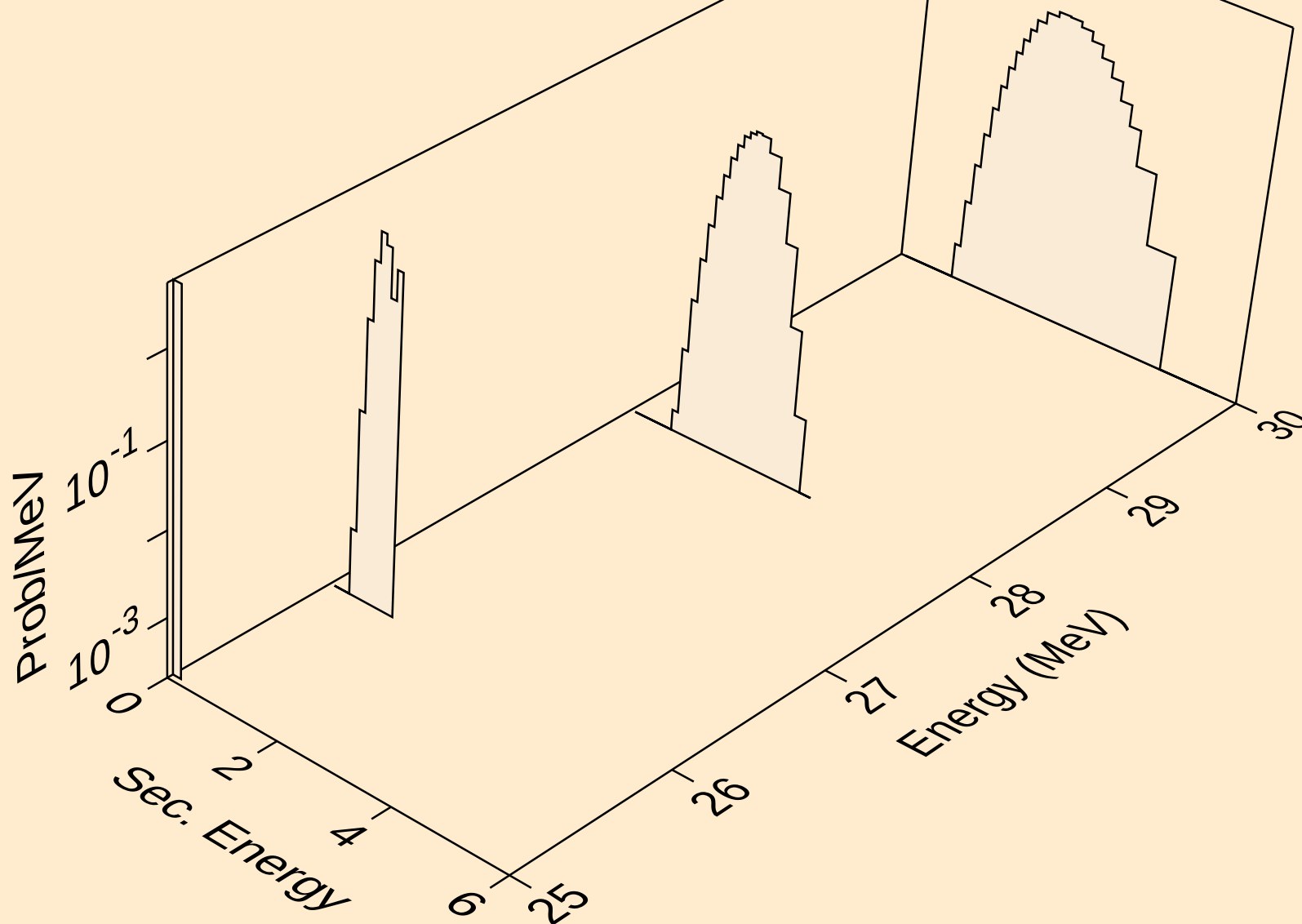




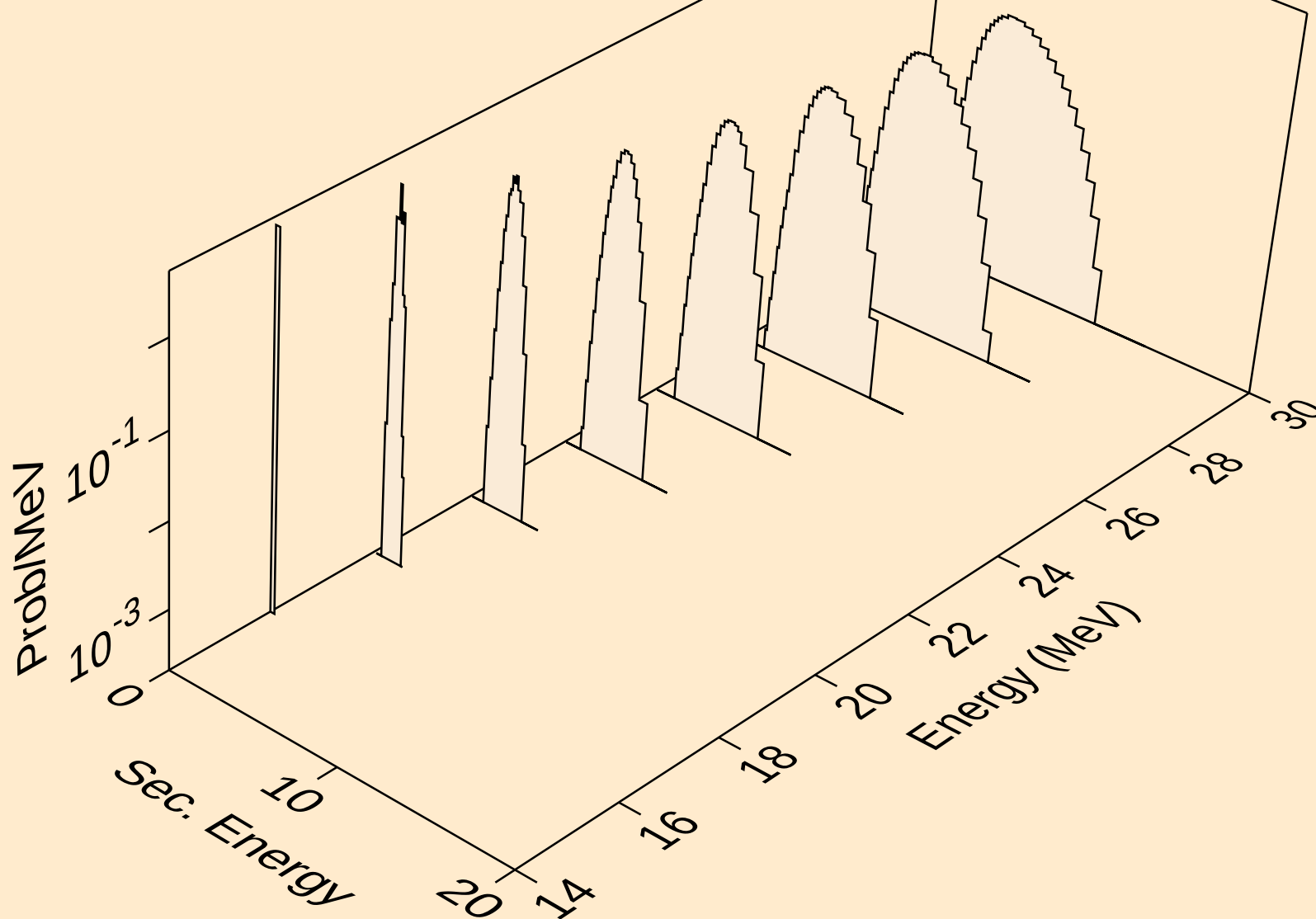
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



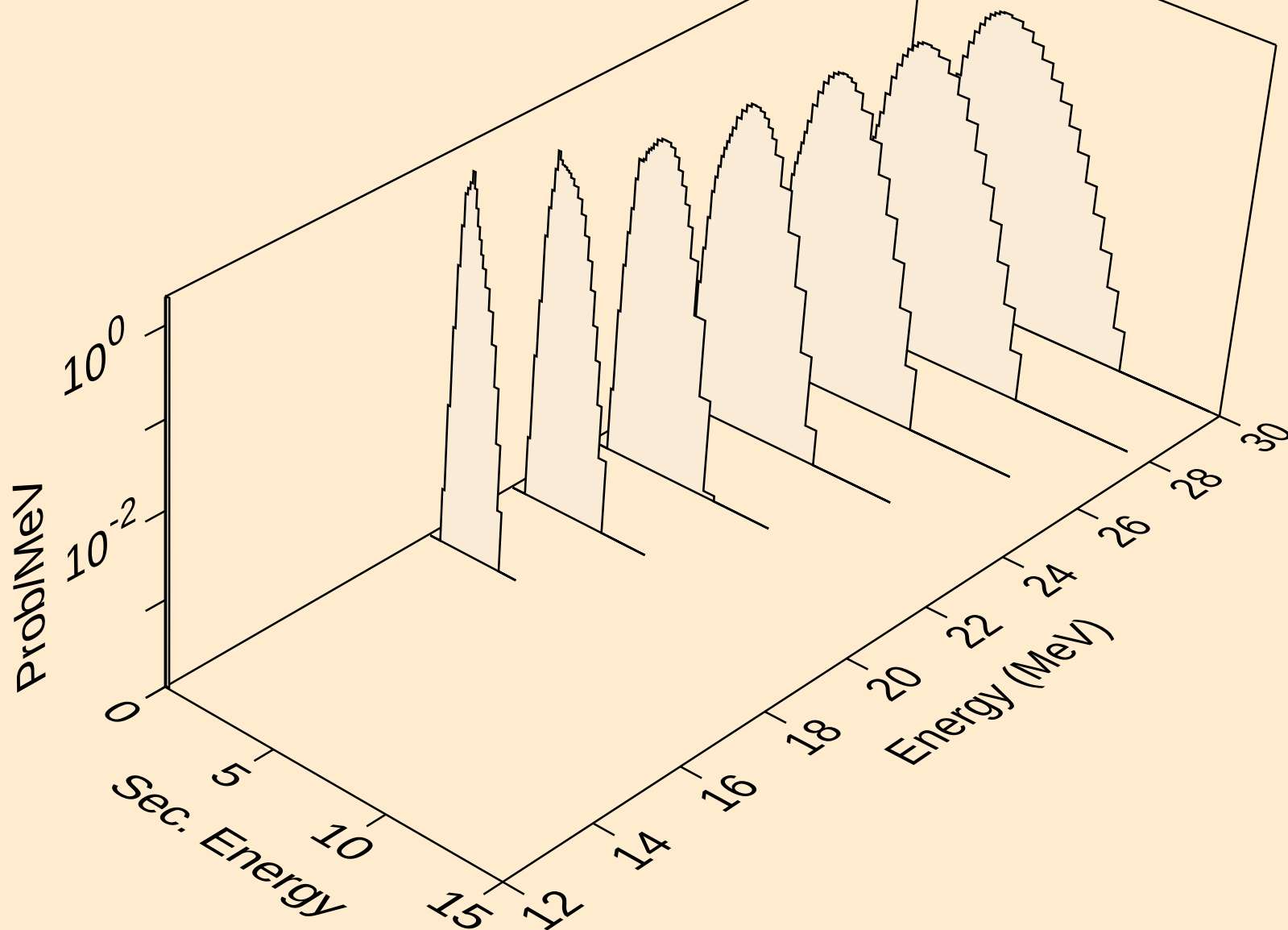
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protons from (n,3np)



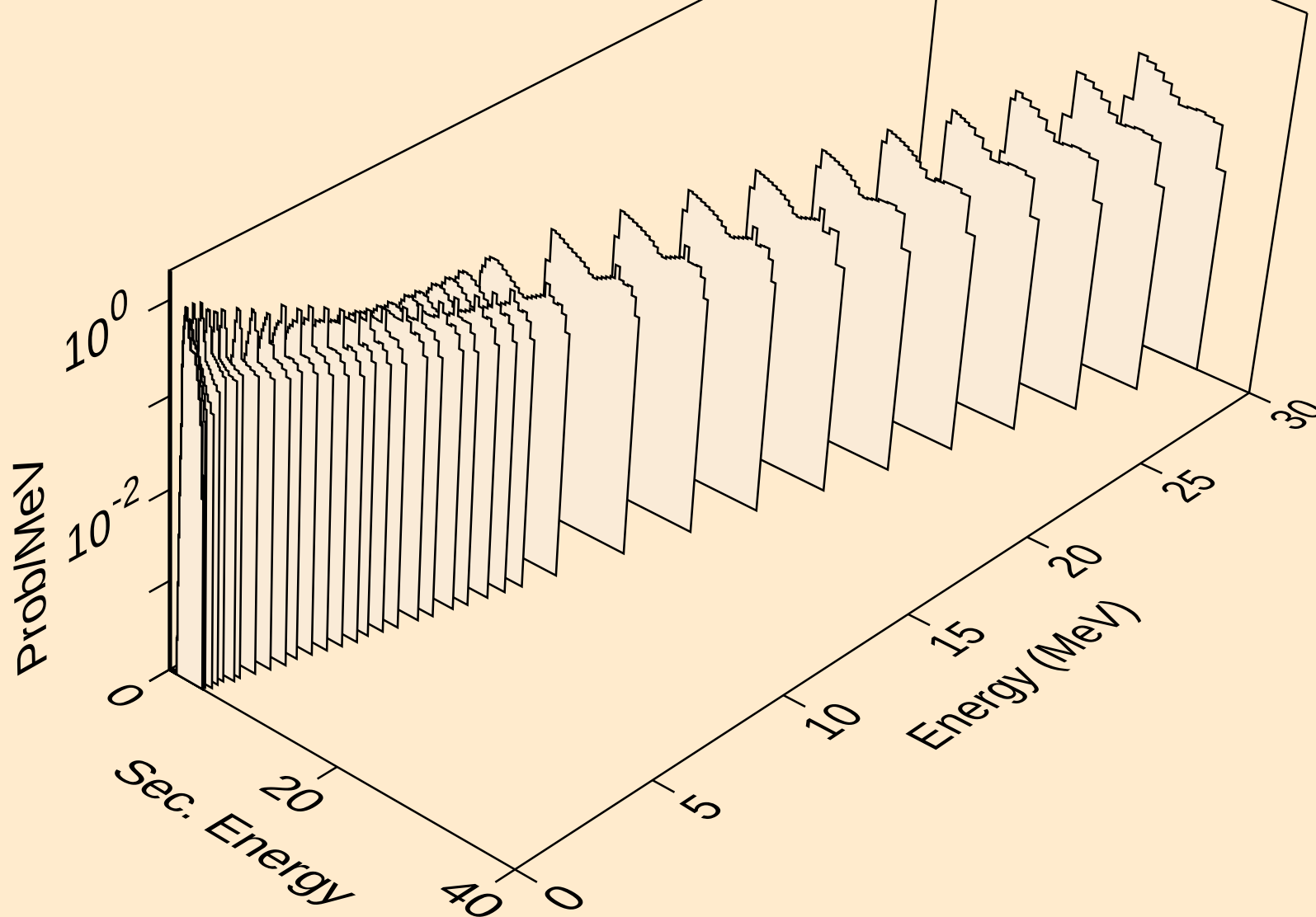
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protons from (n,n2p)



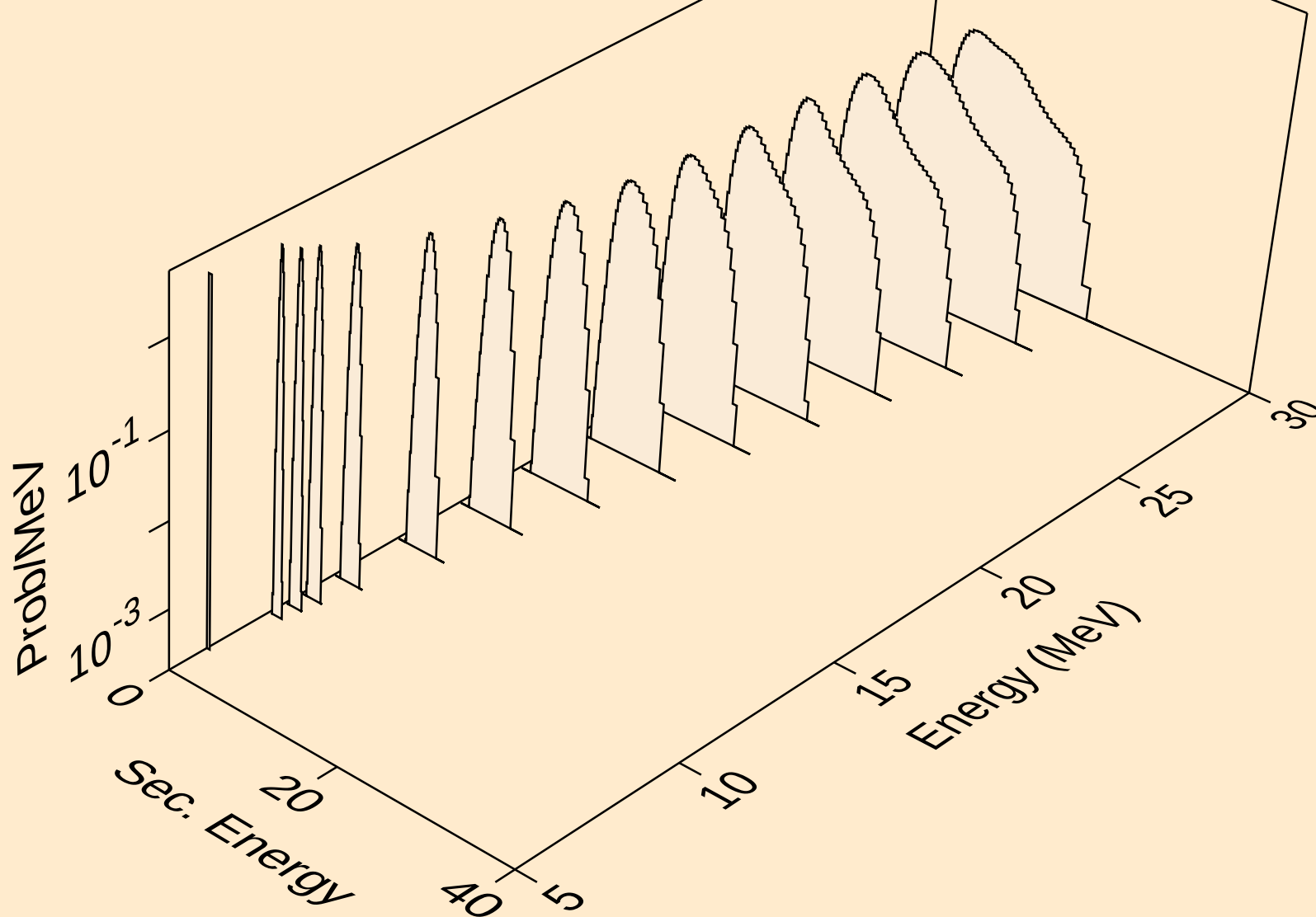
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protons from (n,npa)



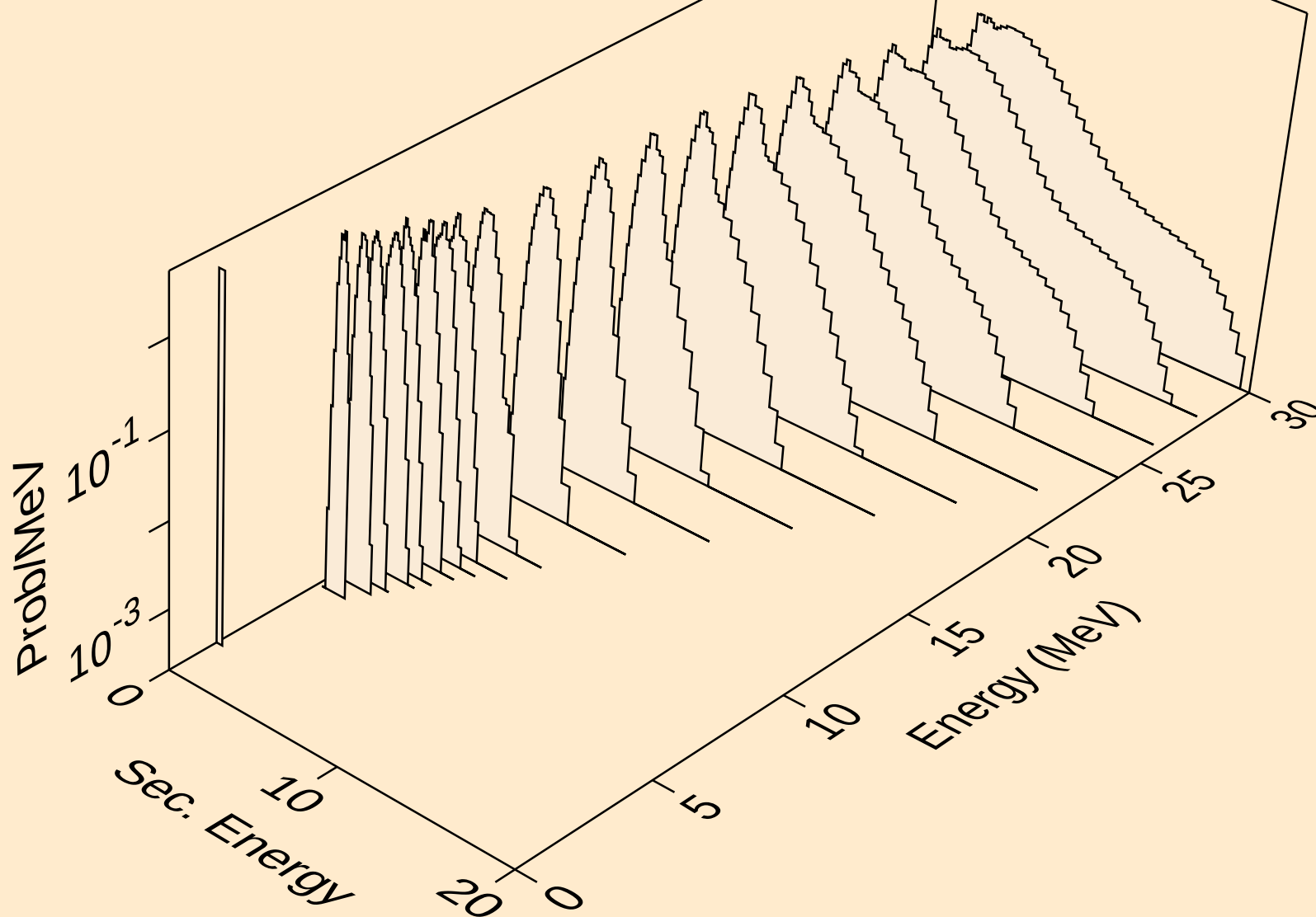
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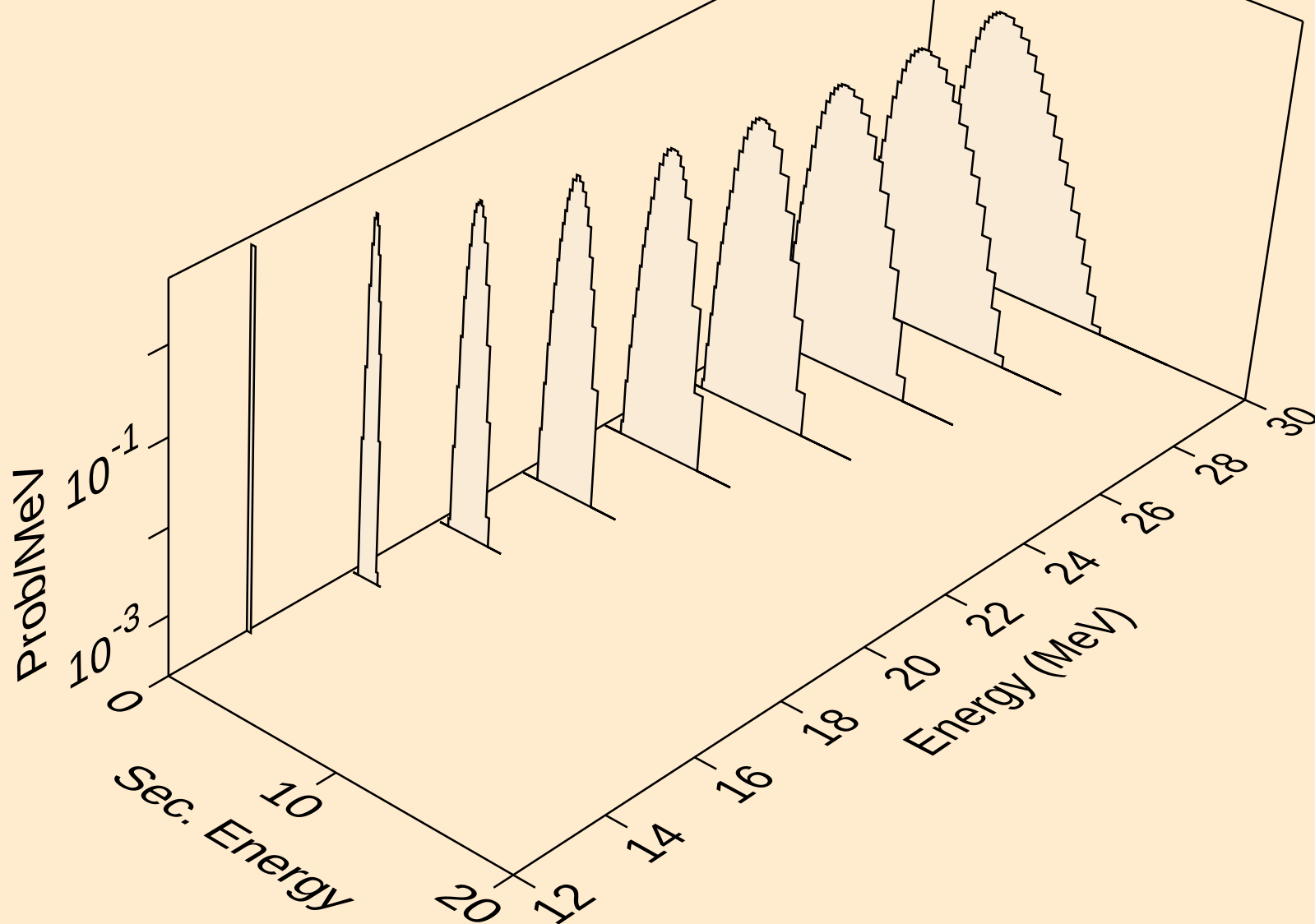
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protons from (n,2p)



BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)

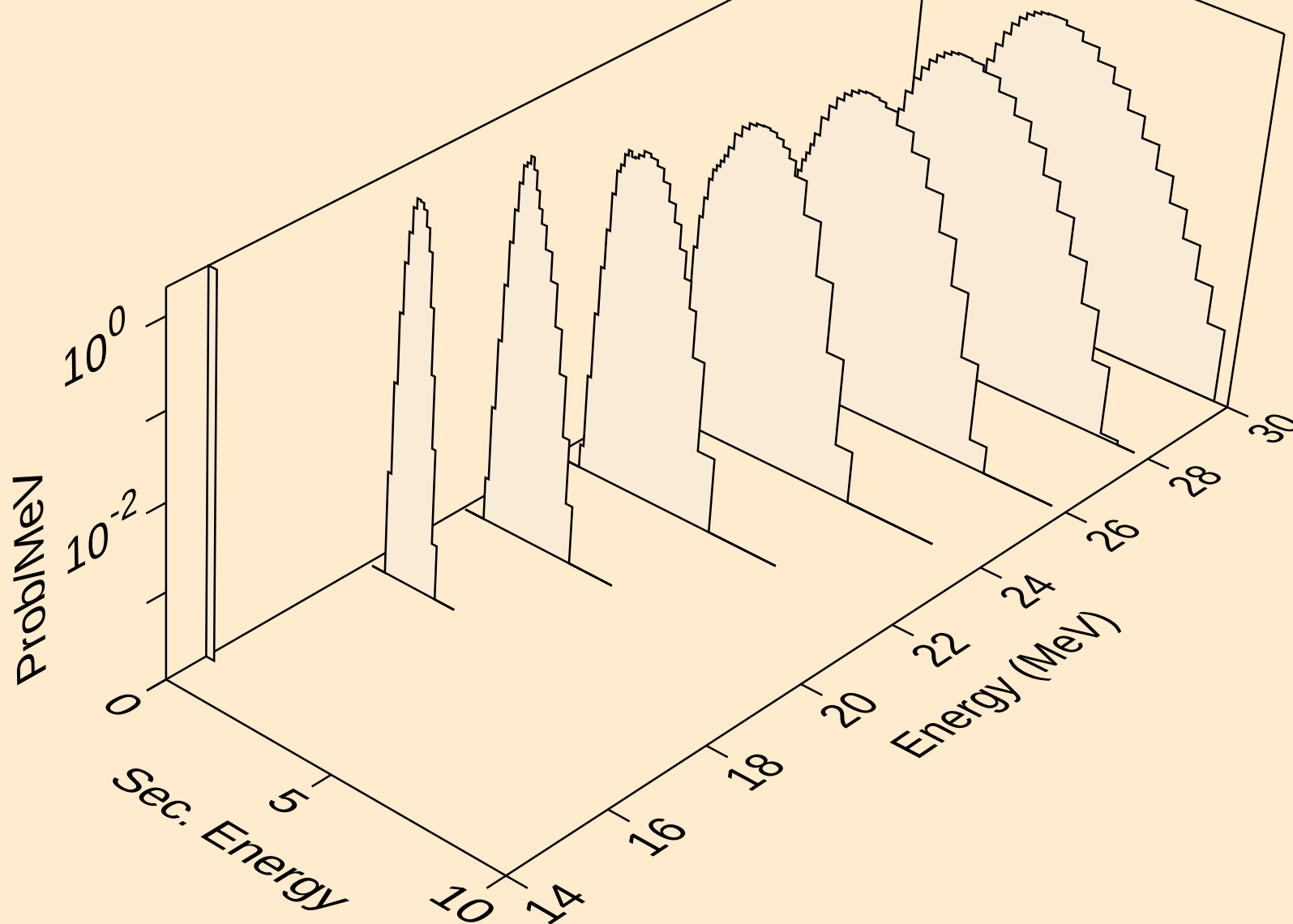


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protons from (n,pd)

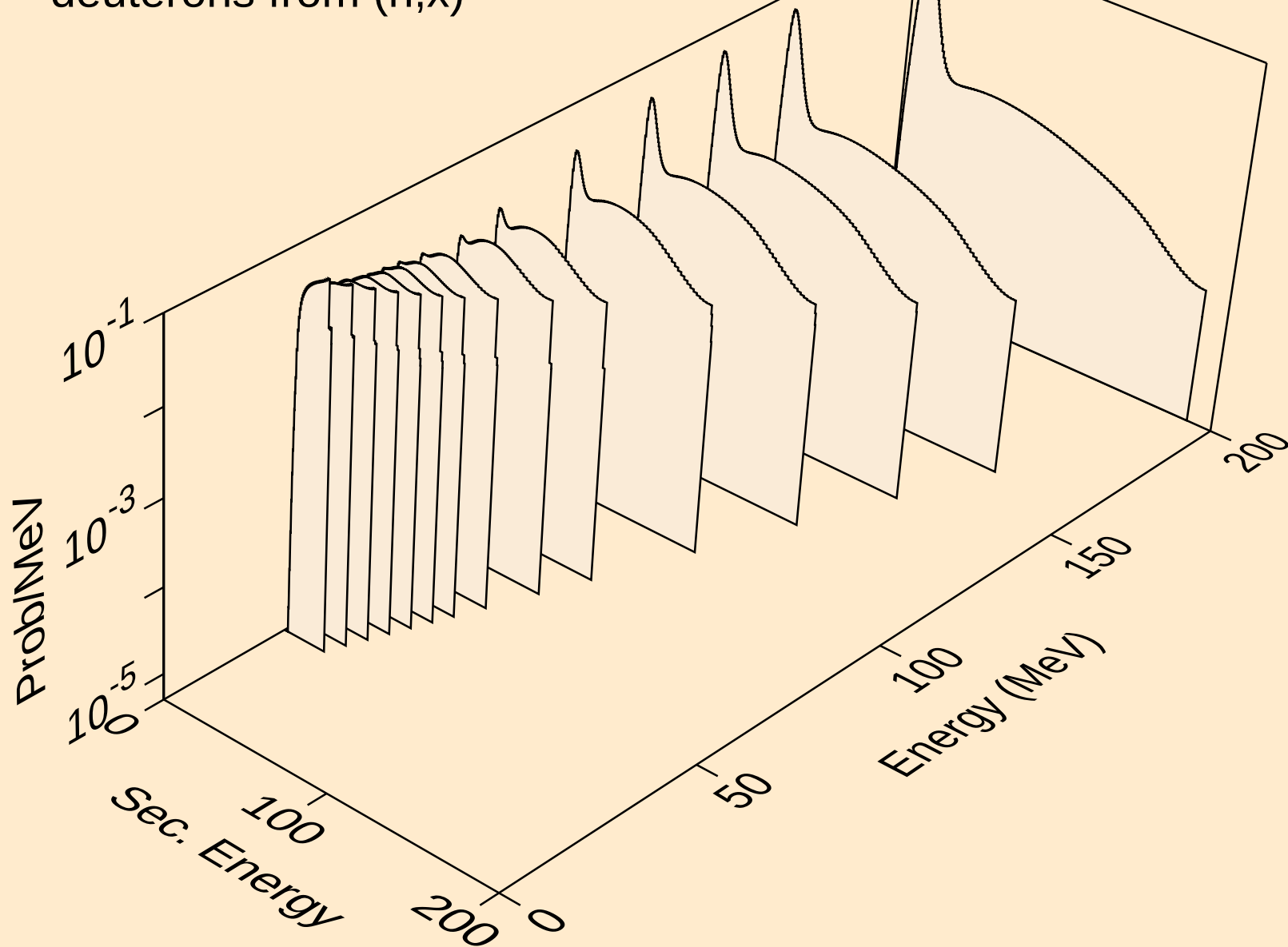




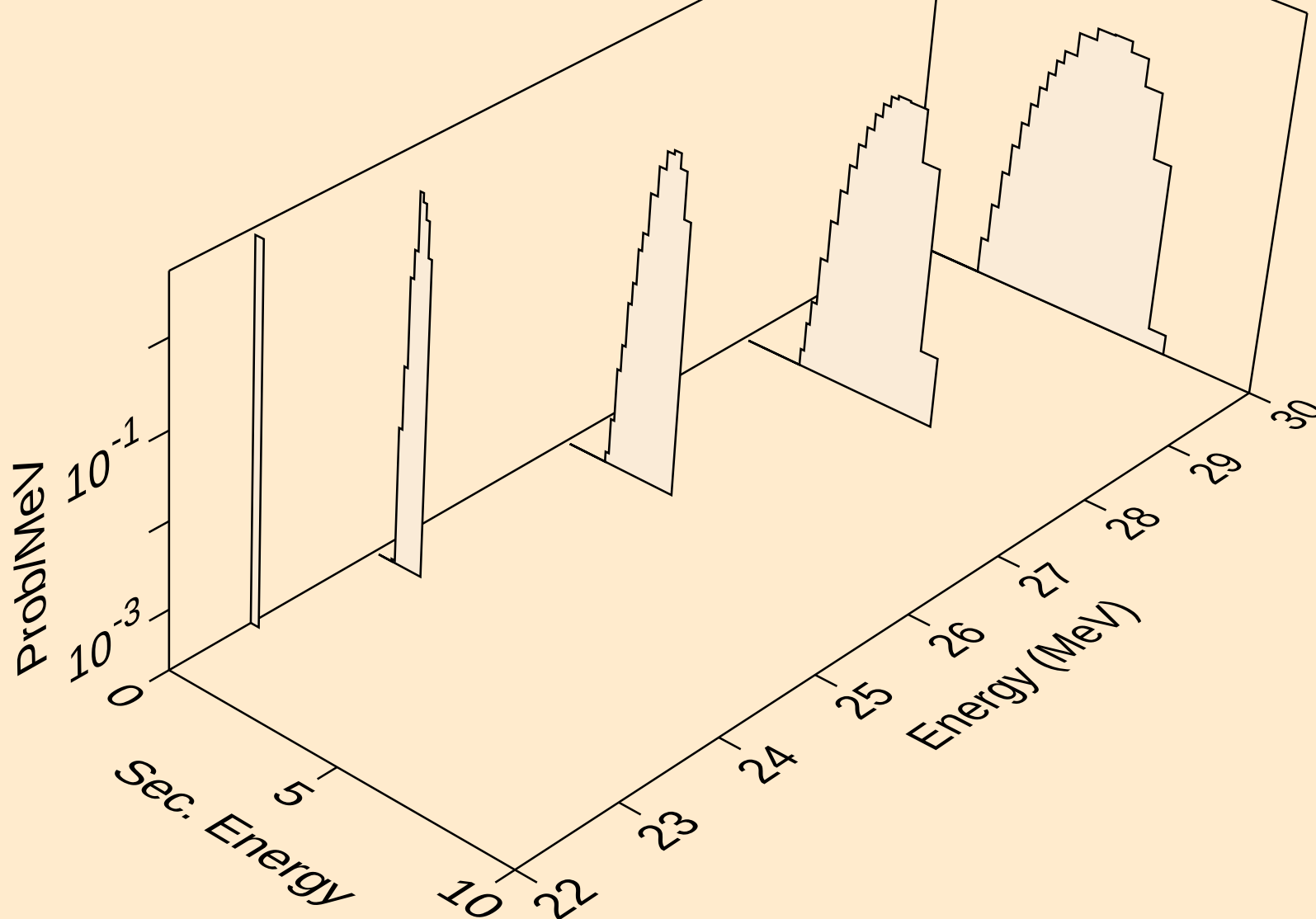
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protons from (n,pt)



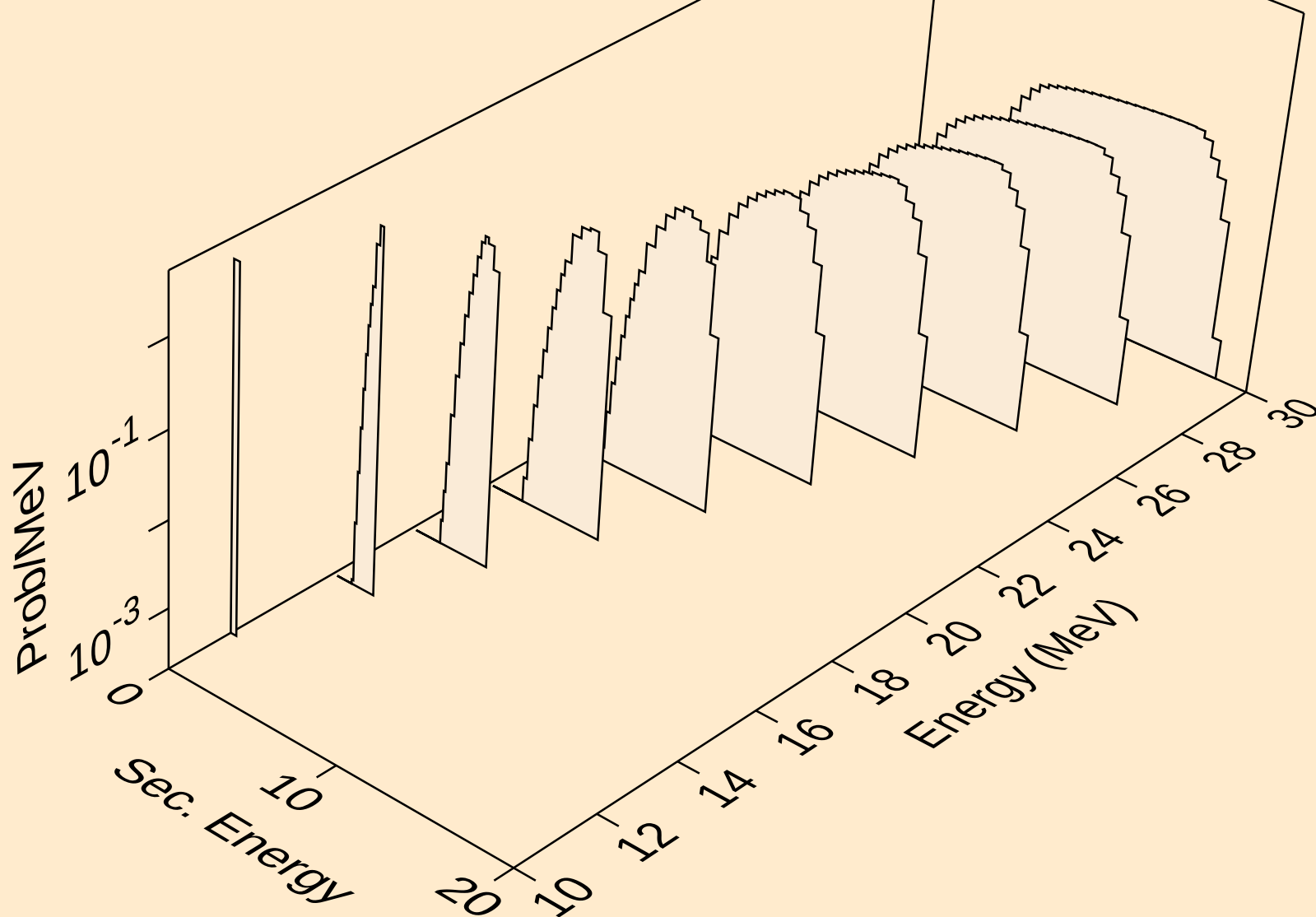
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deuterons from (n,x)



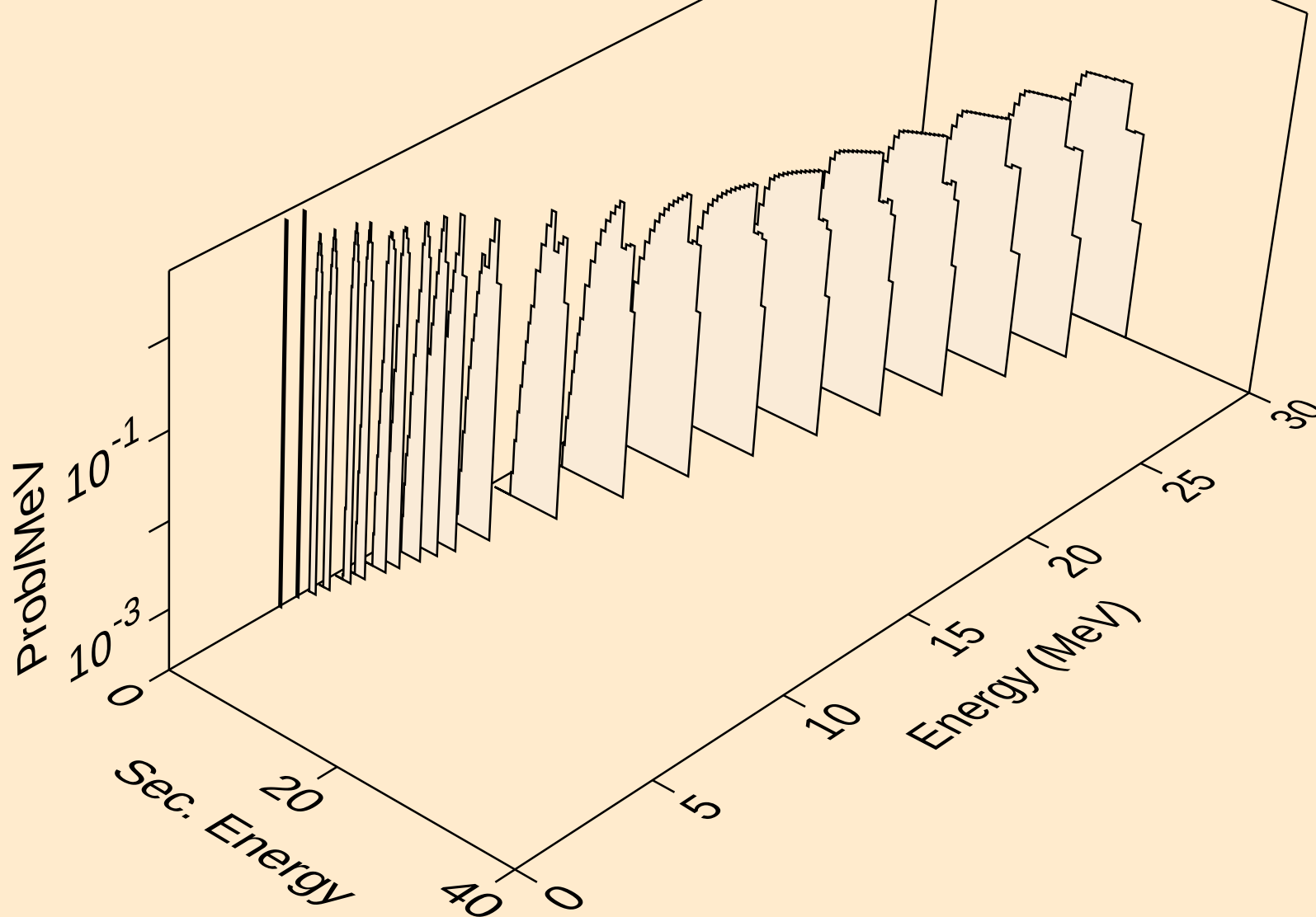
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deuterons from (n,2nd)



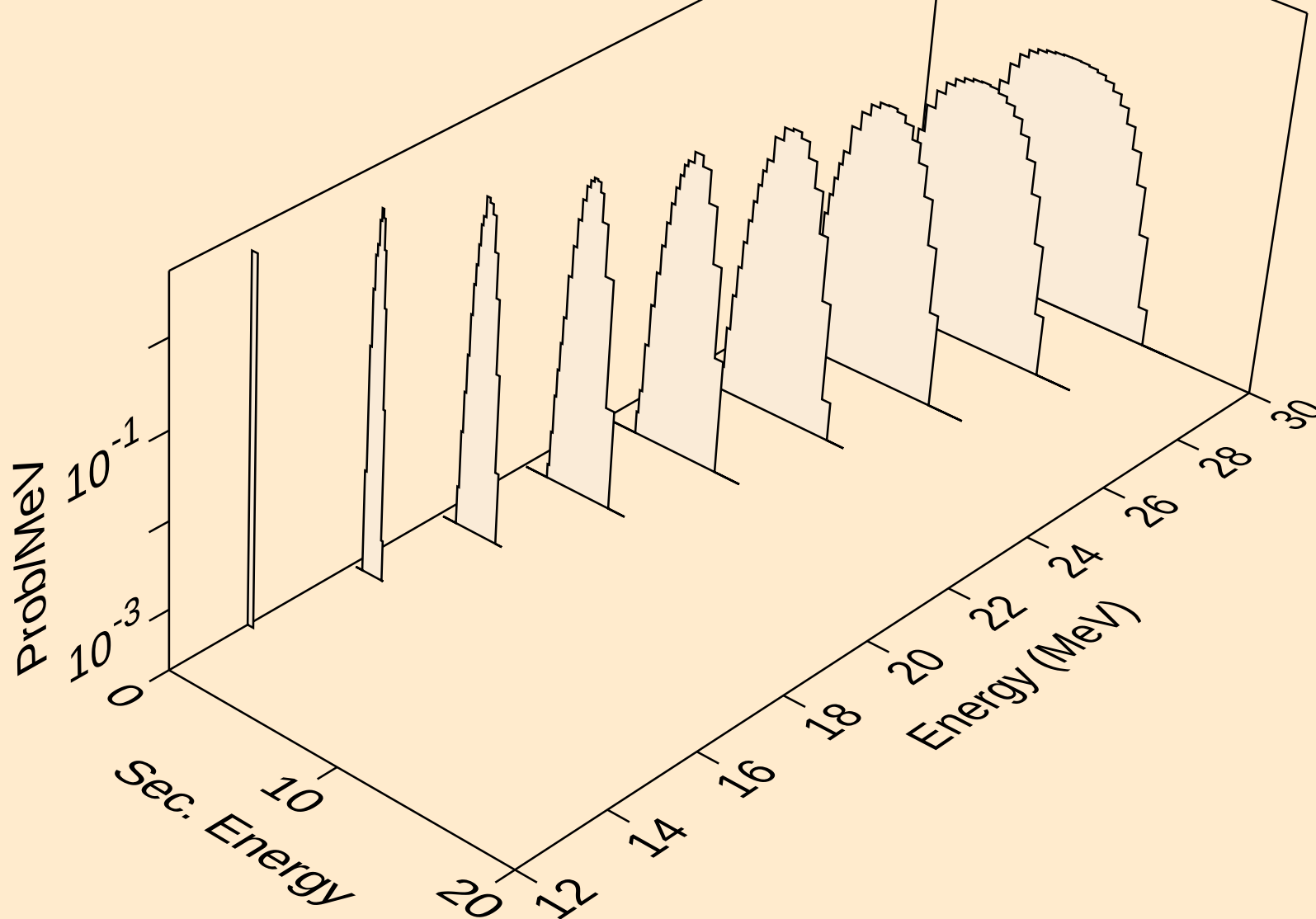
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deuterons from (n,n\*)d



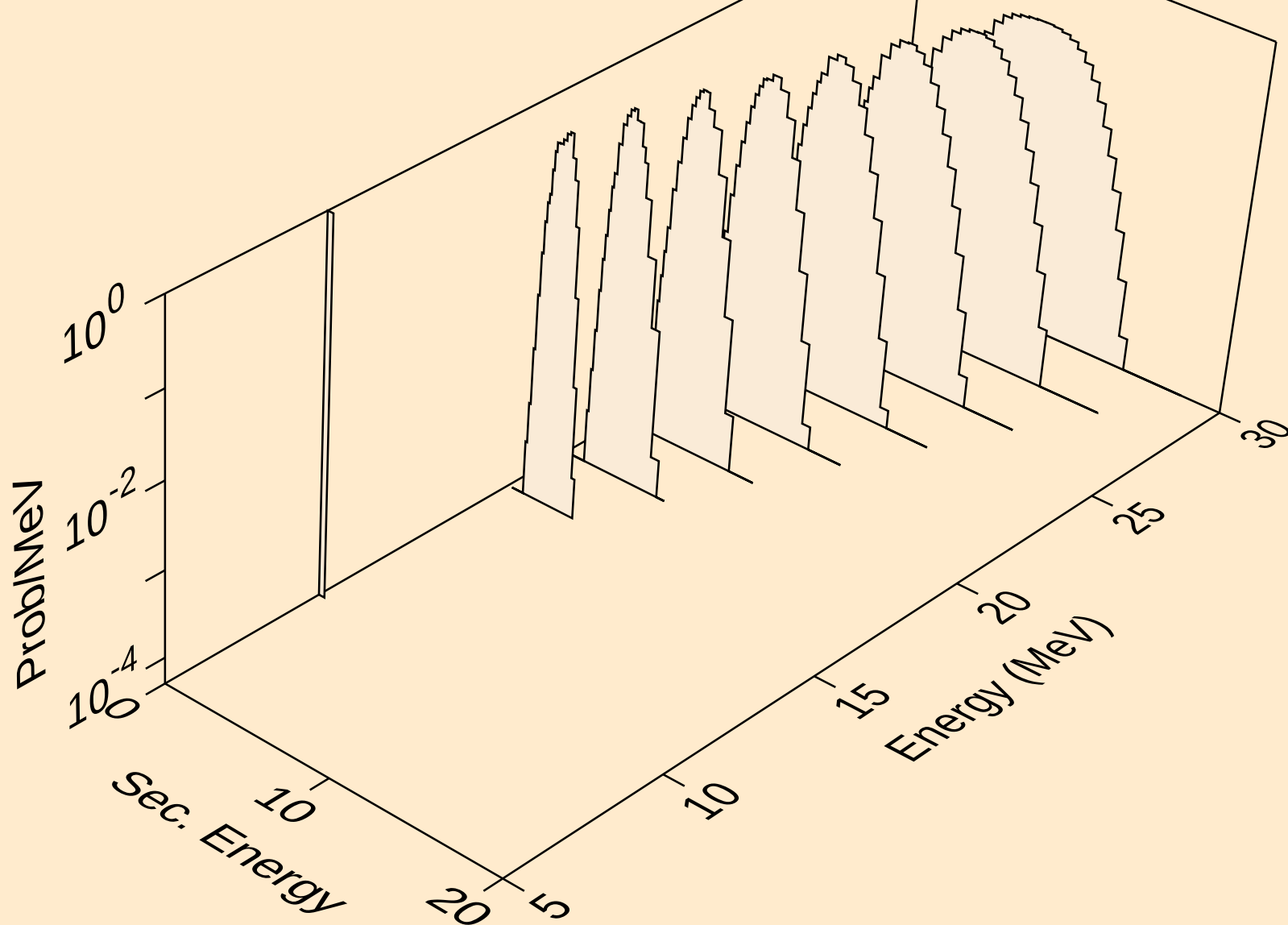
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deuterons from (n,d)



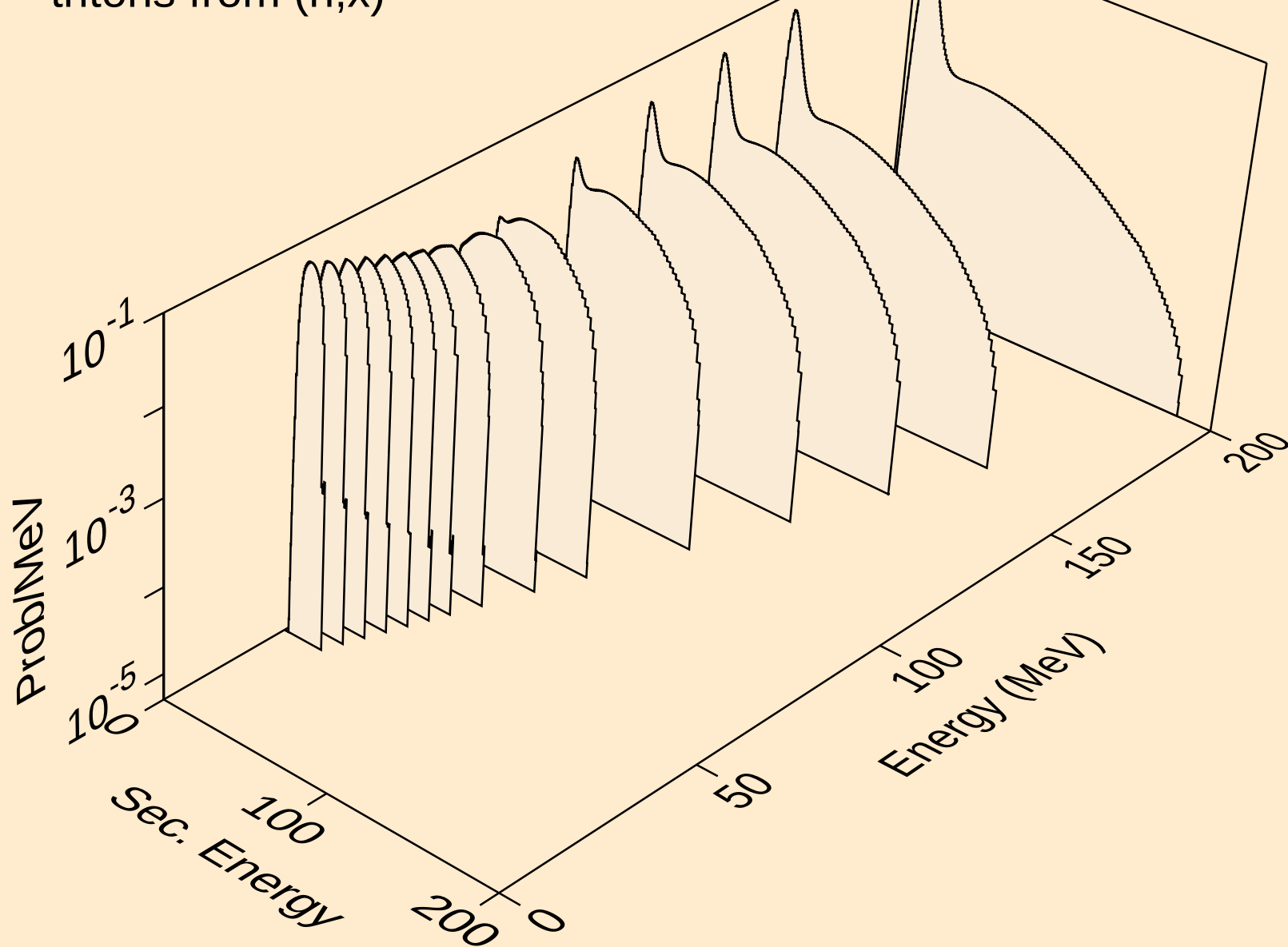
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deuterons from (n,pd)



BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,da)

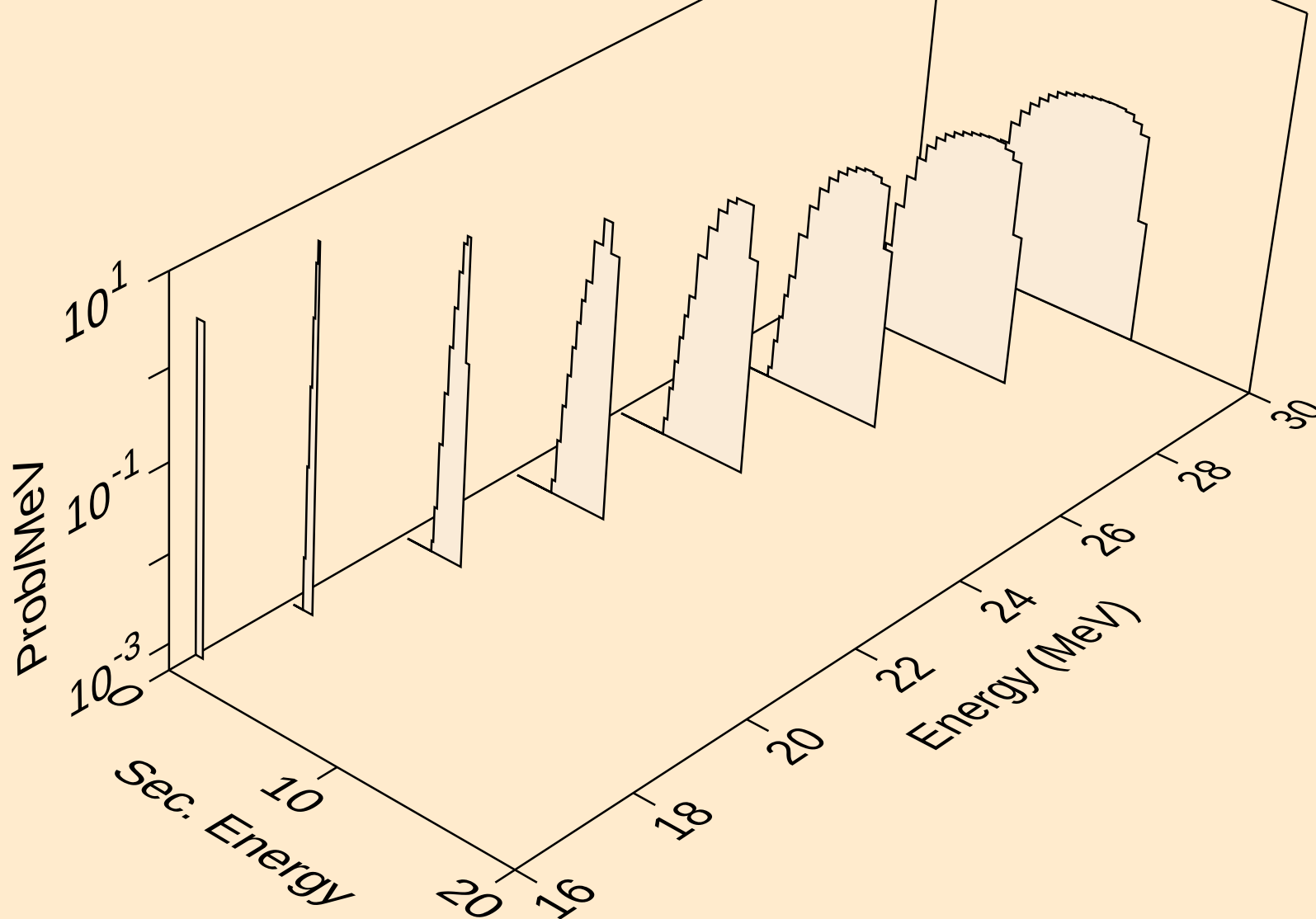


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tritons from (n,x)

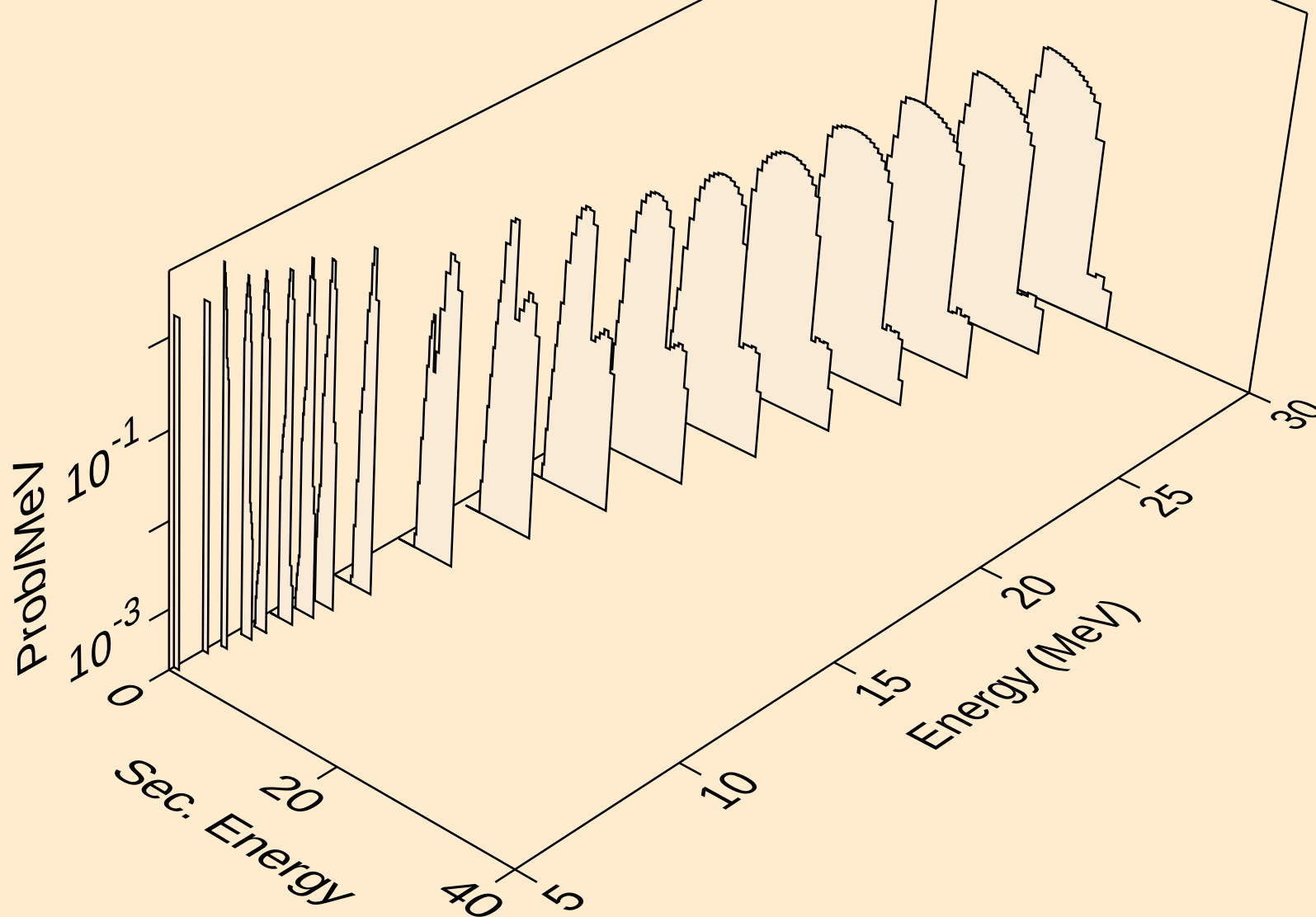




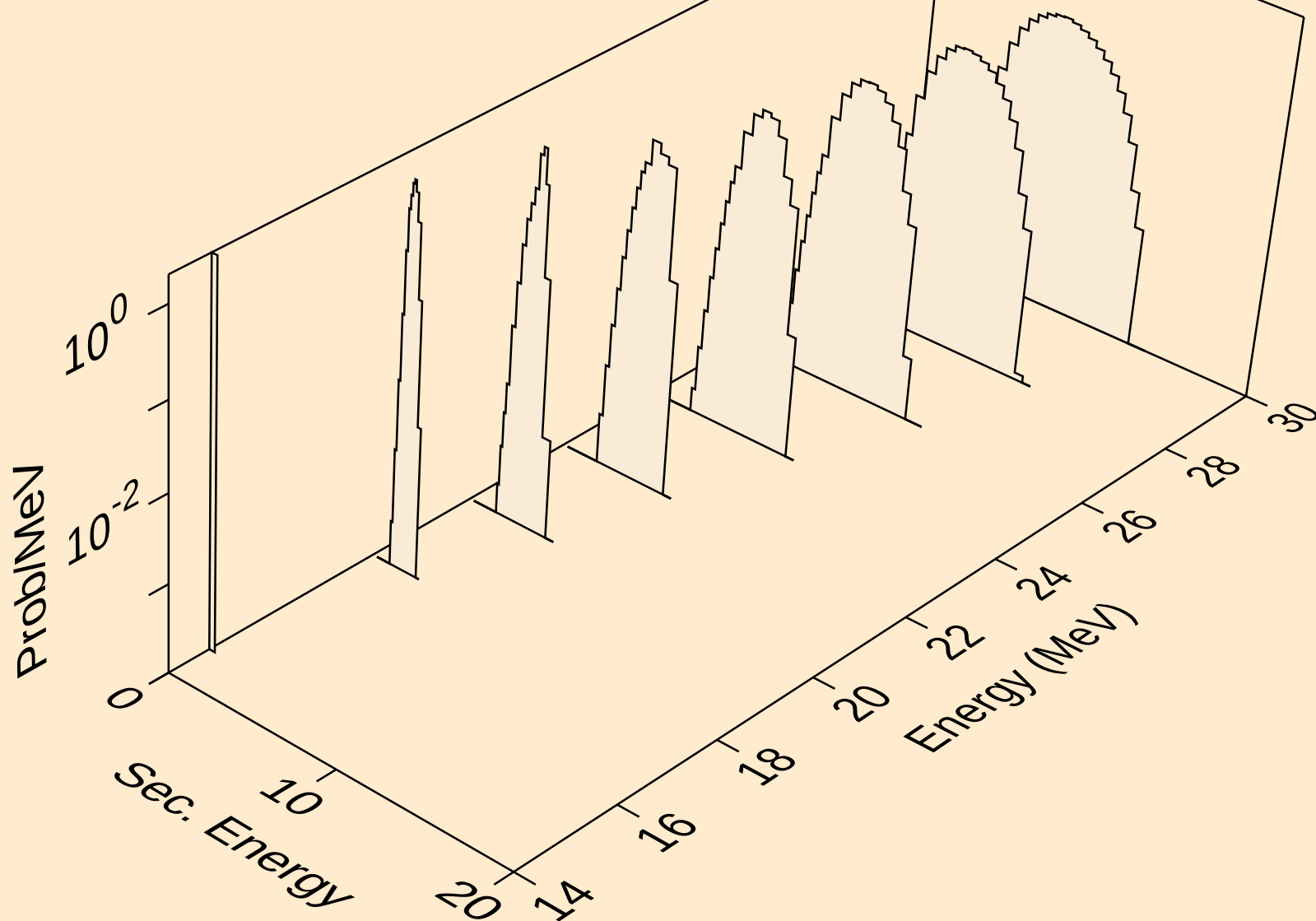
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tritons from (n,n\*)t



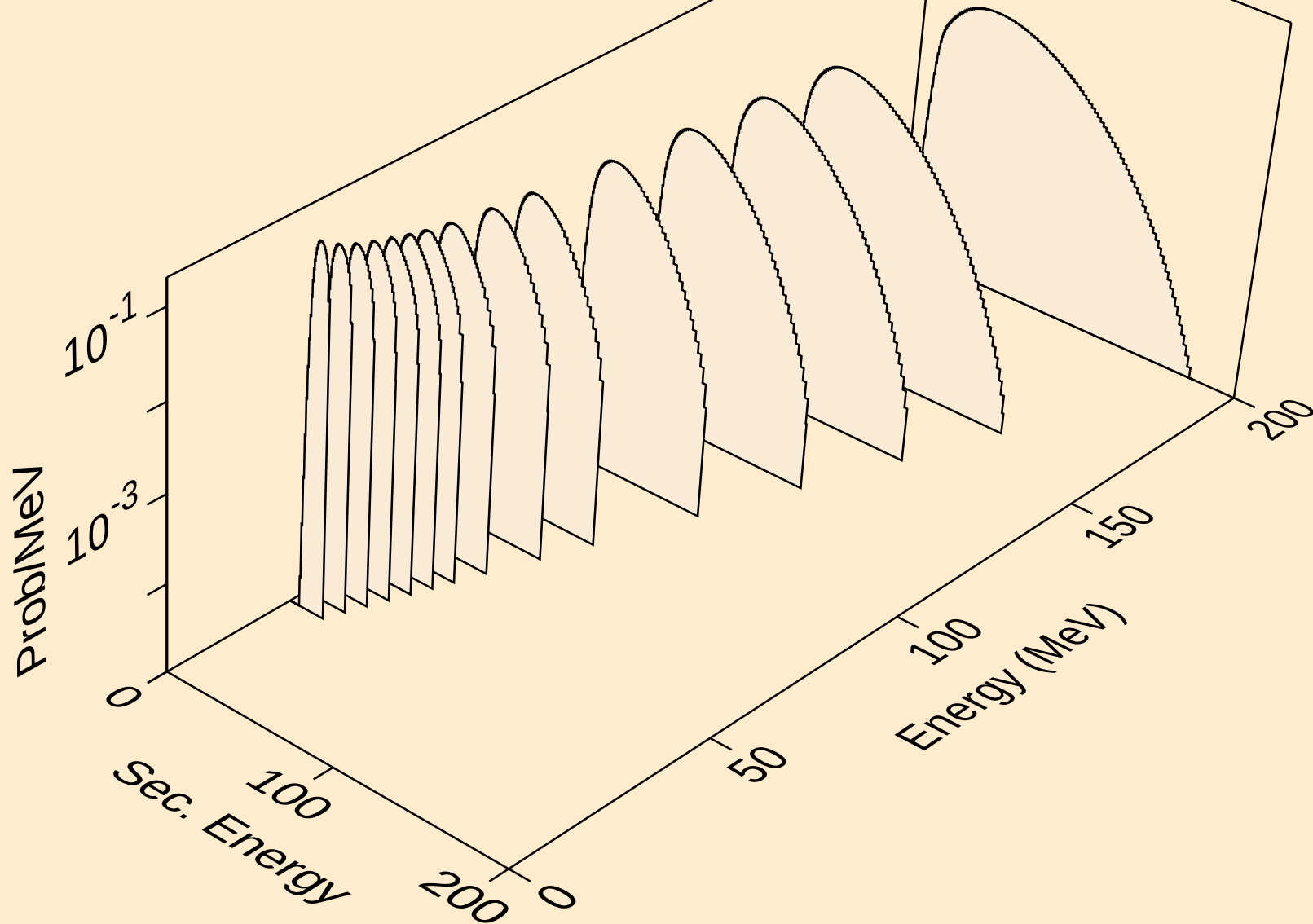
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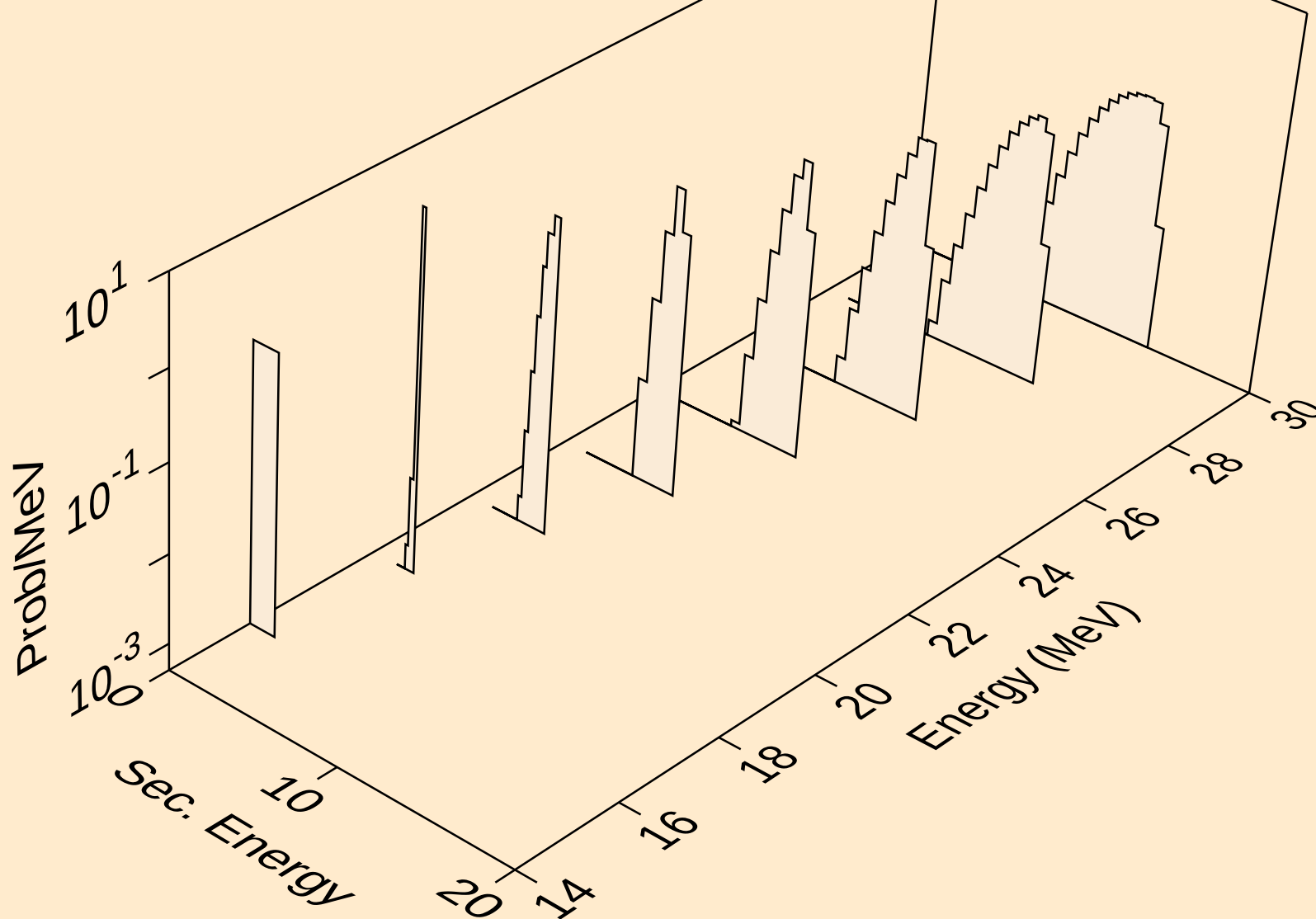
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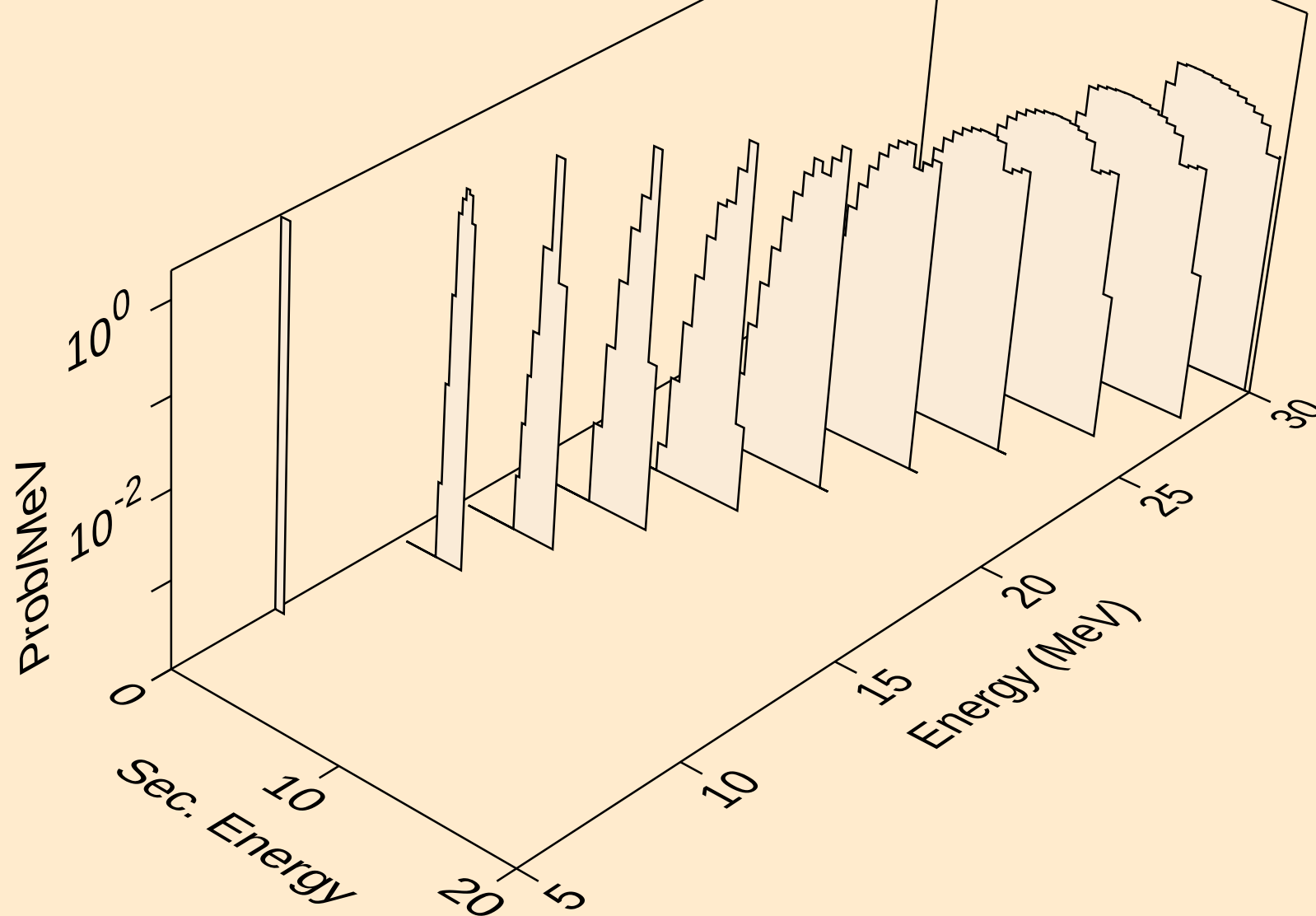
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he3s from (n,x)



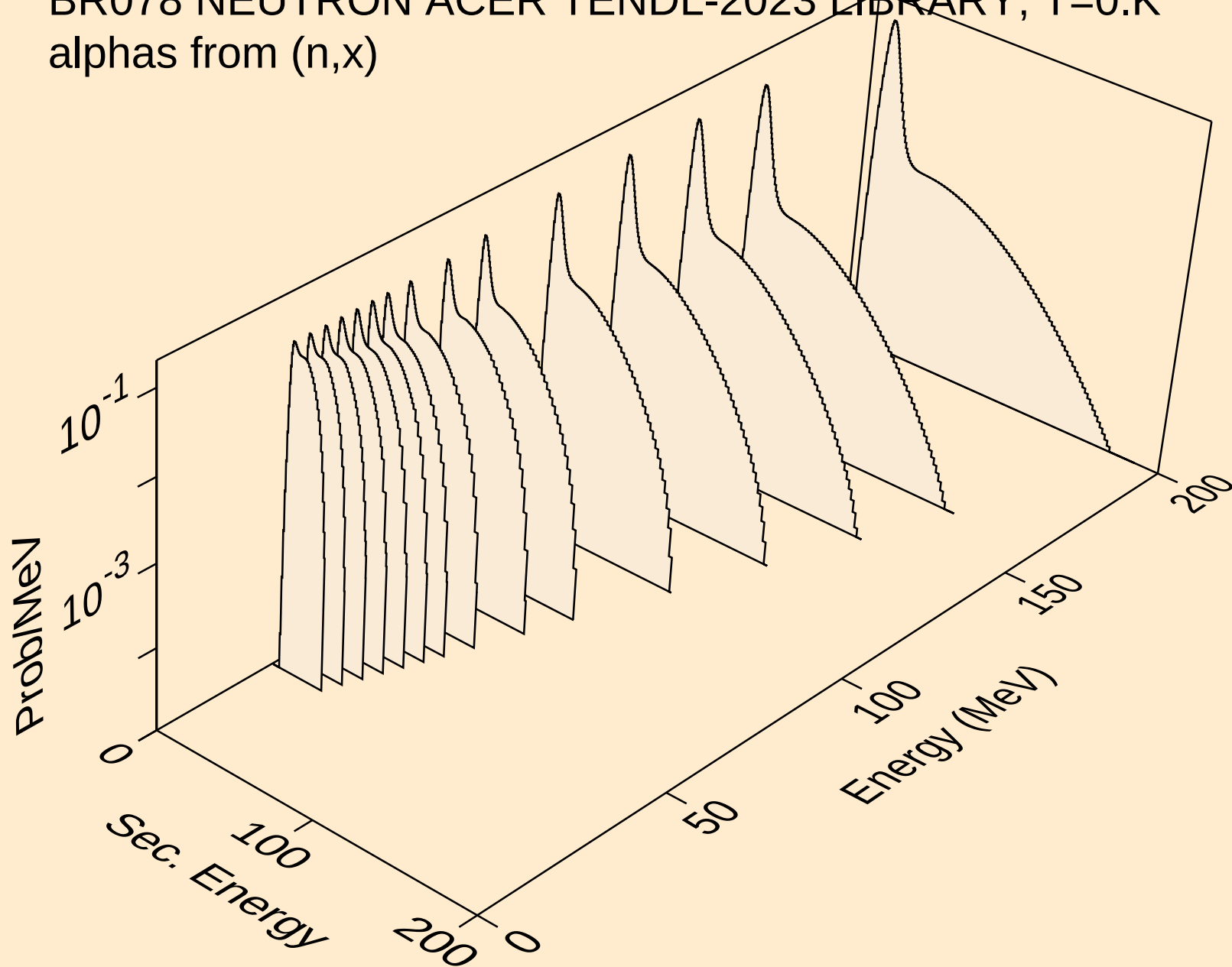
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he3s from (n,n\*)he3



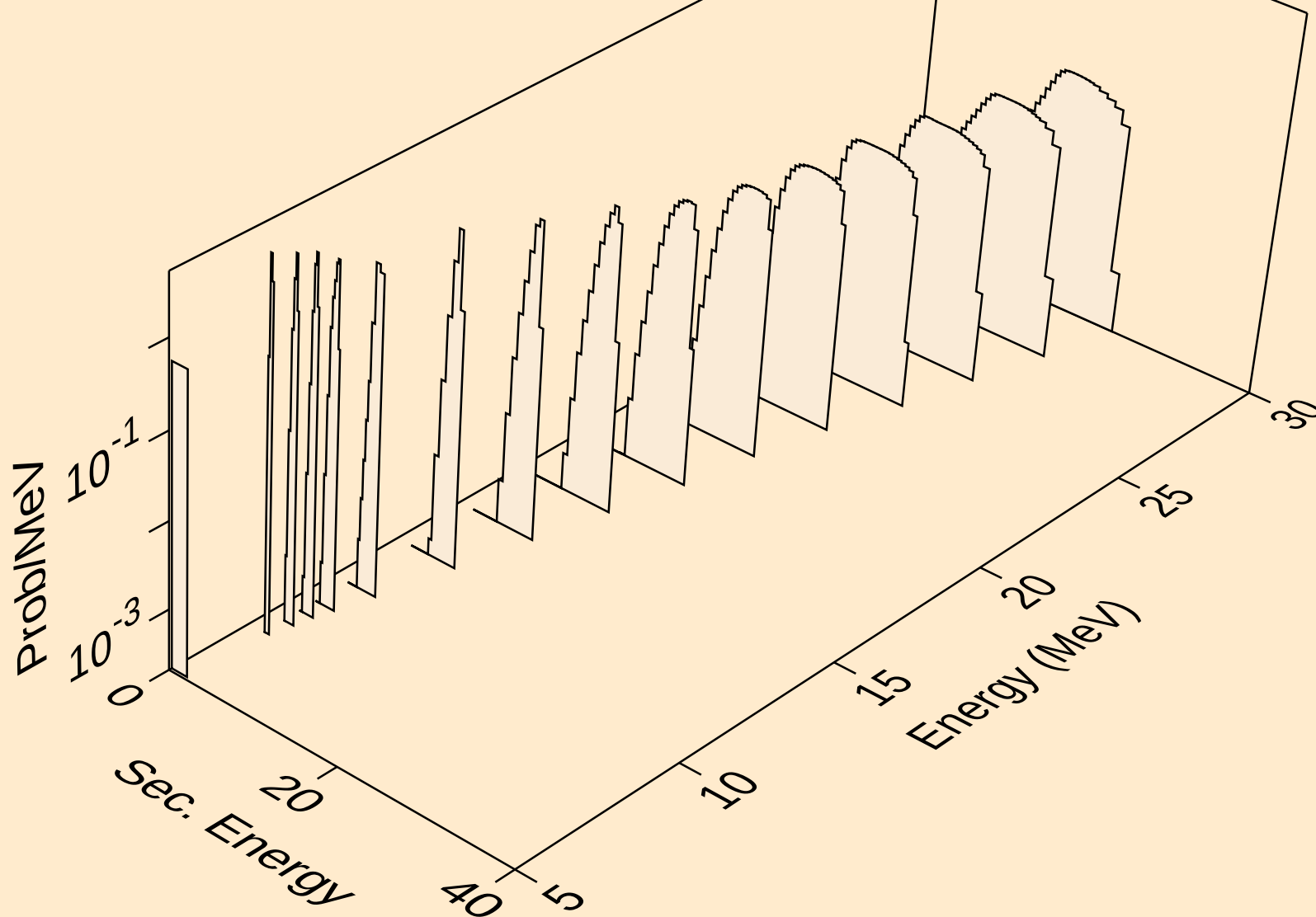
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he3s from (n,he3)



BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)

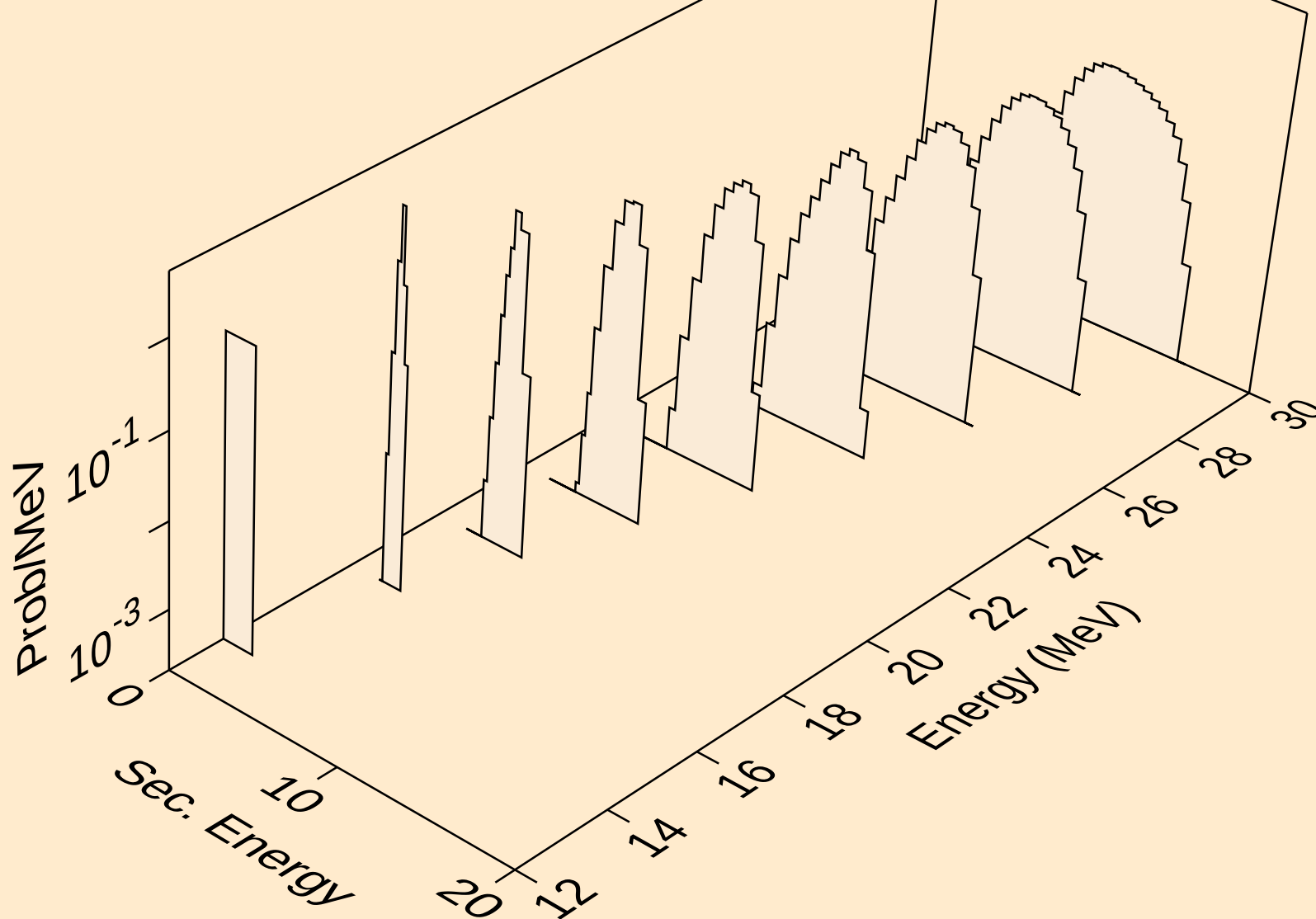


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alphas from (n,n\*)a

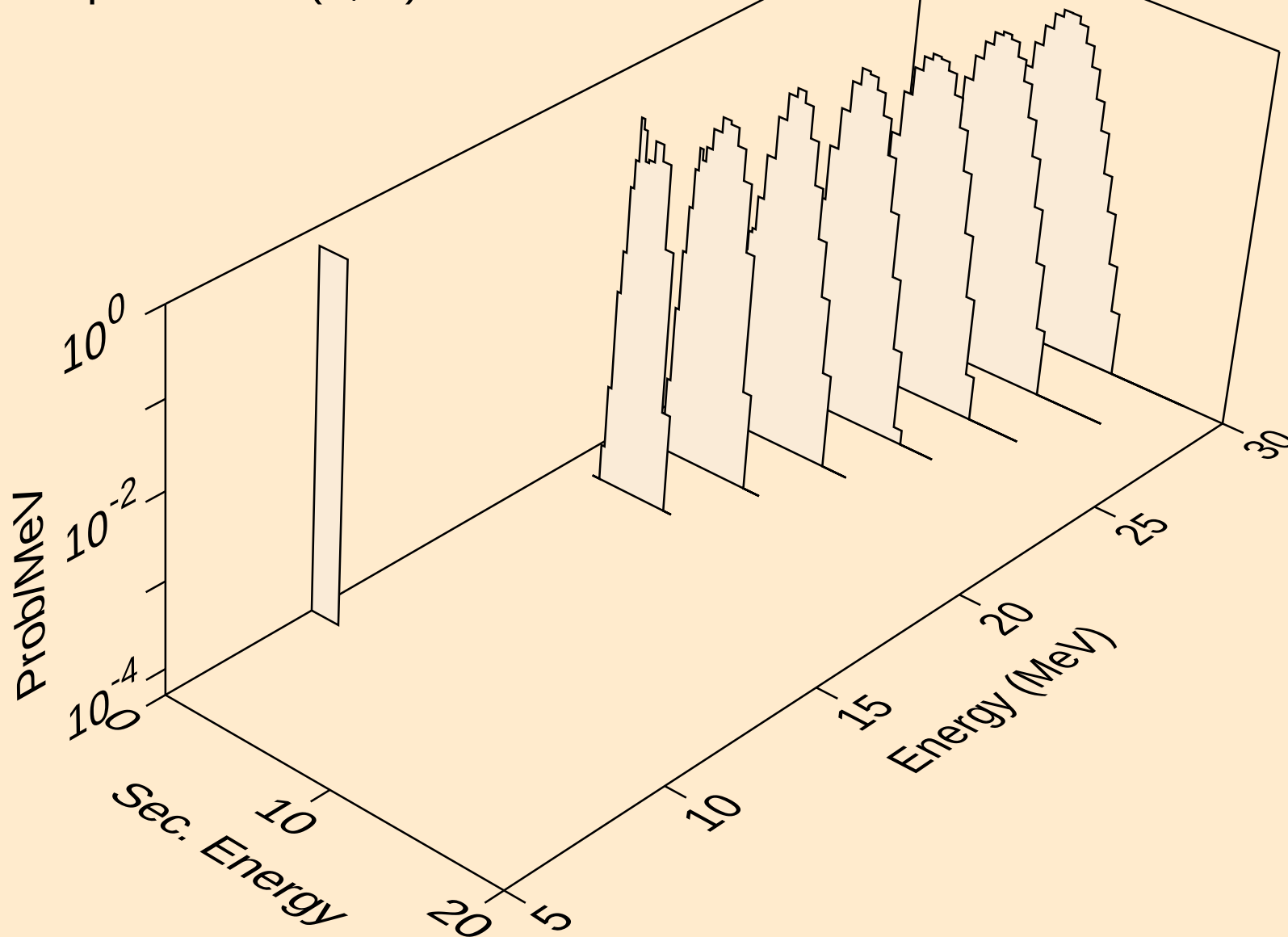




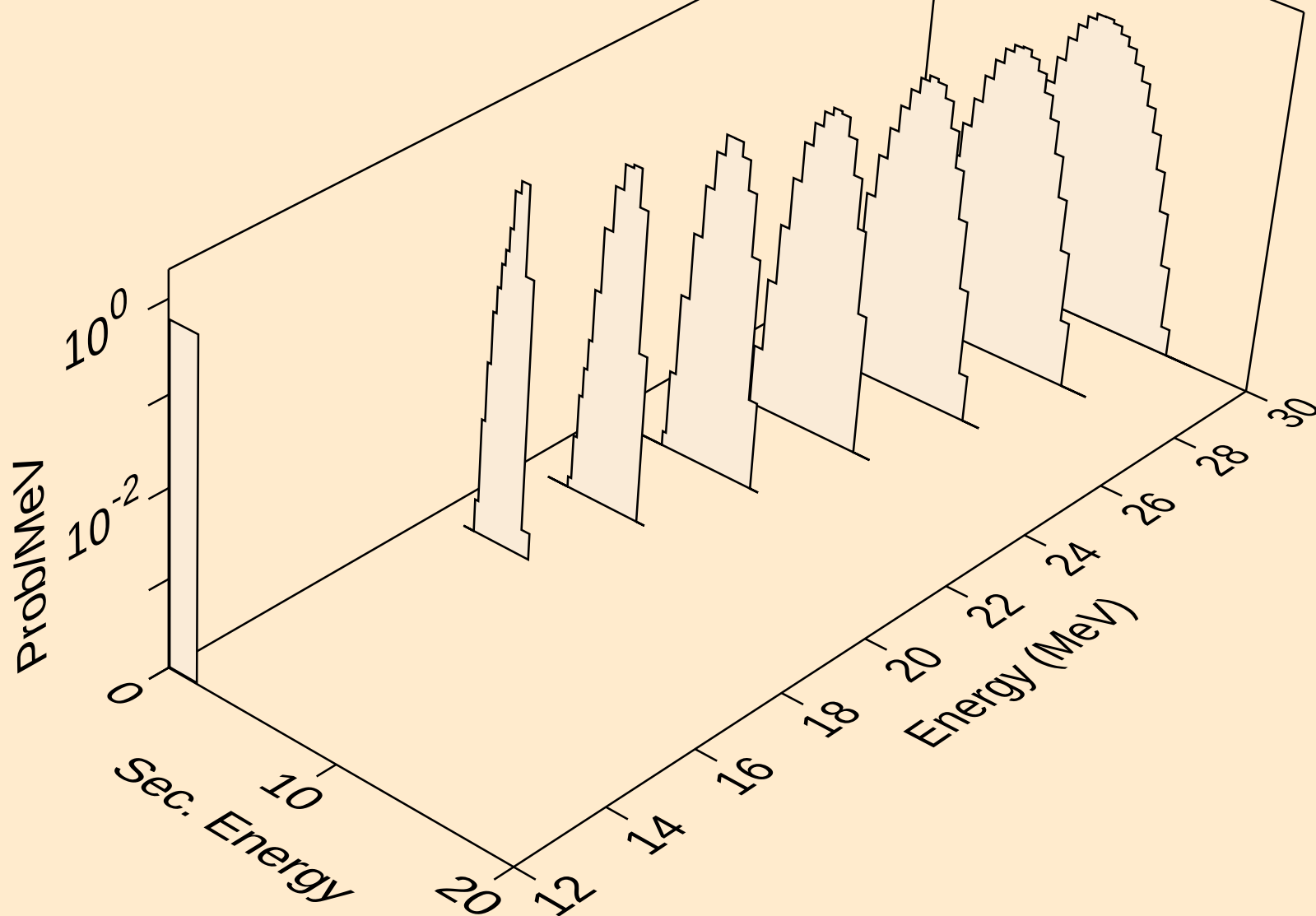
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alphas from (n,2n)a



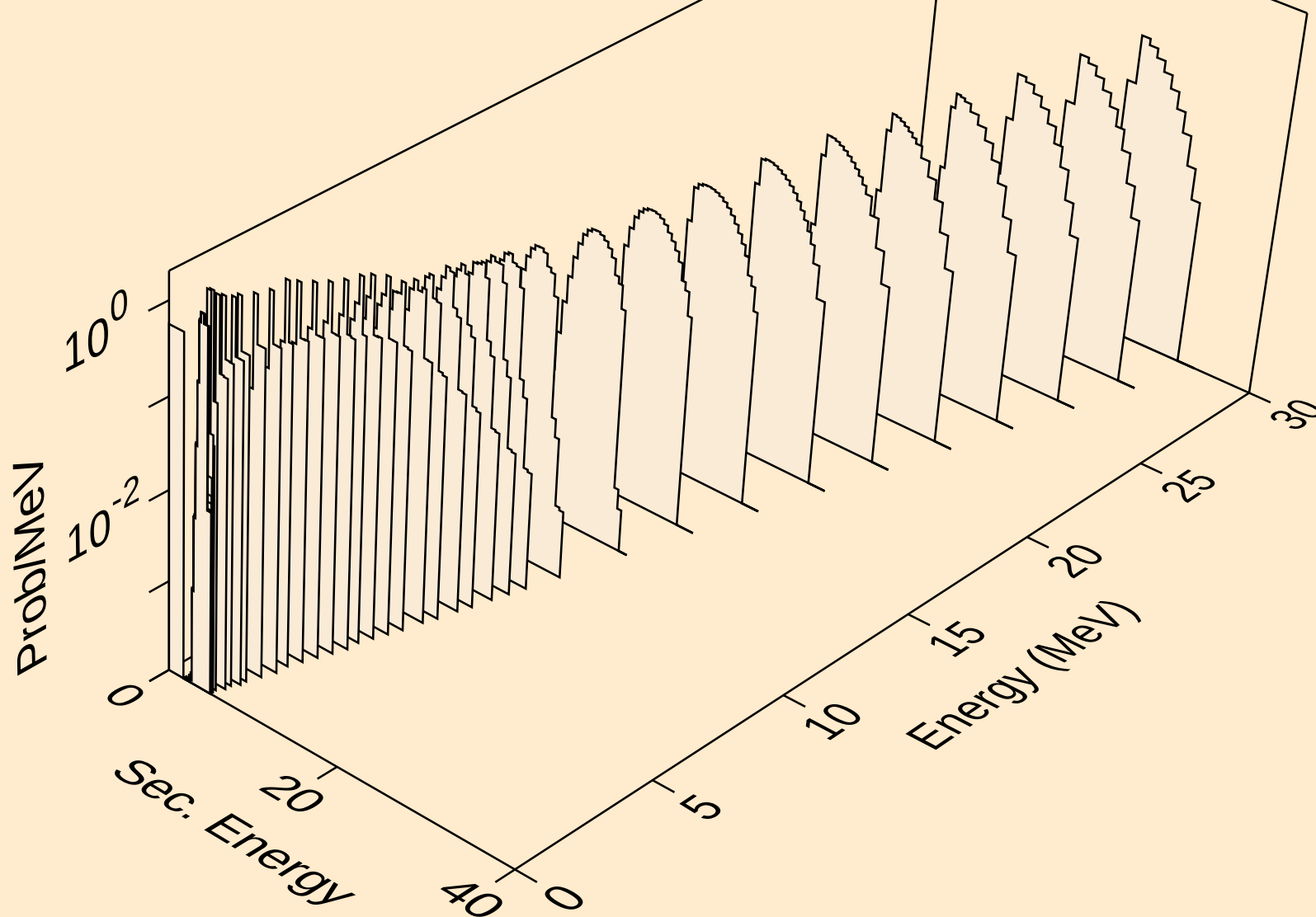
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alphas from (n,n\*)2a



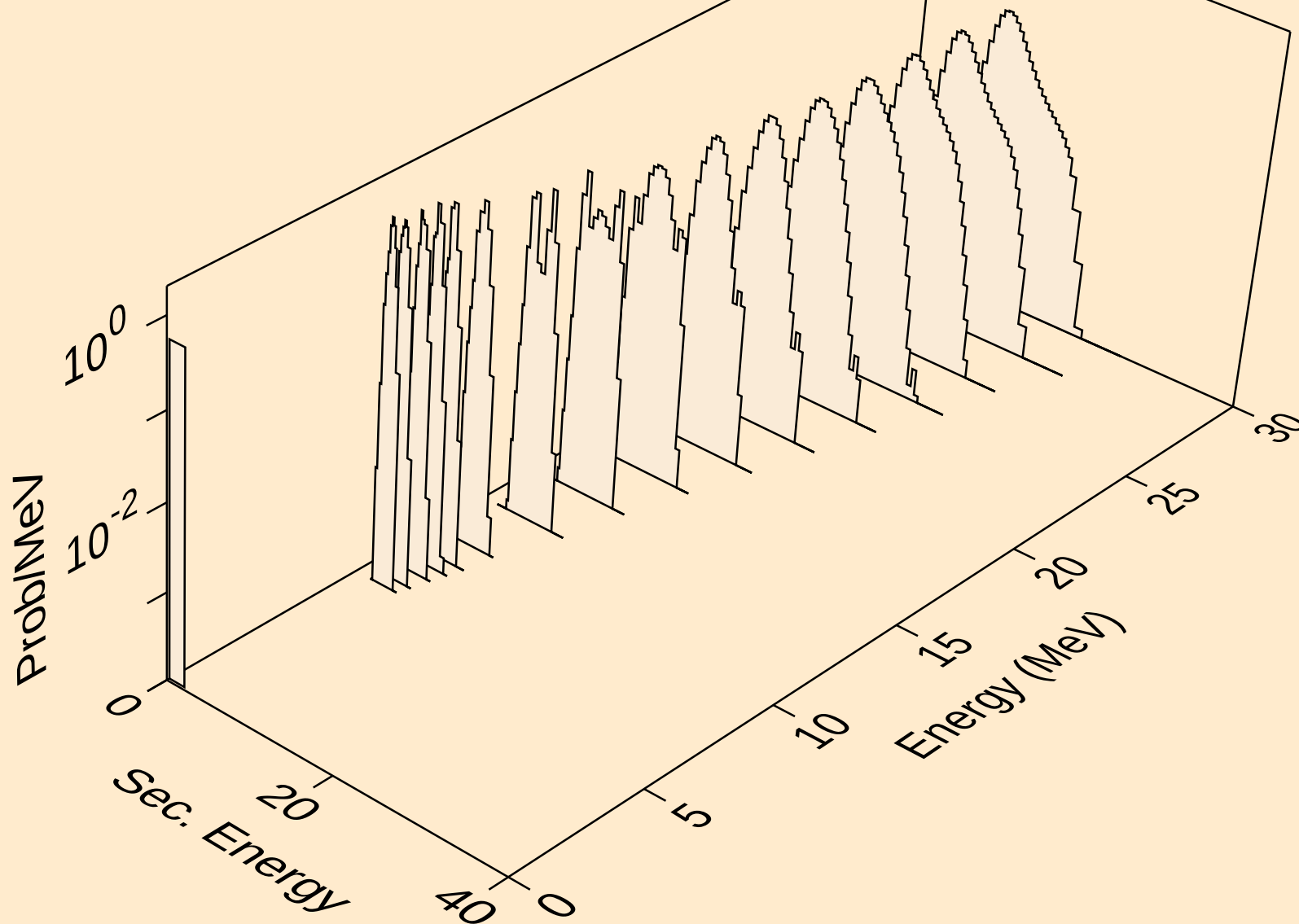
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alphas from (n,npa)



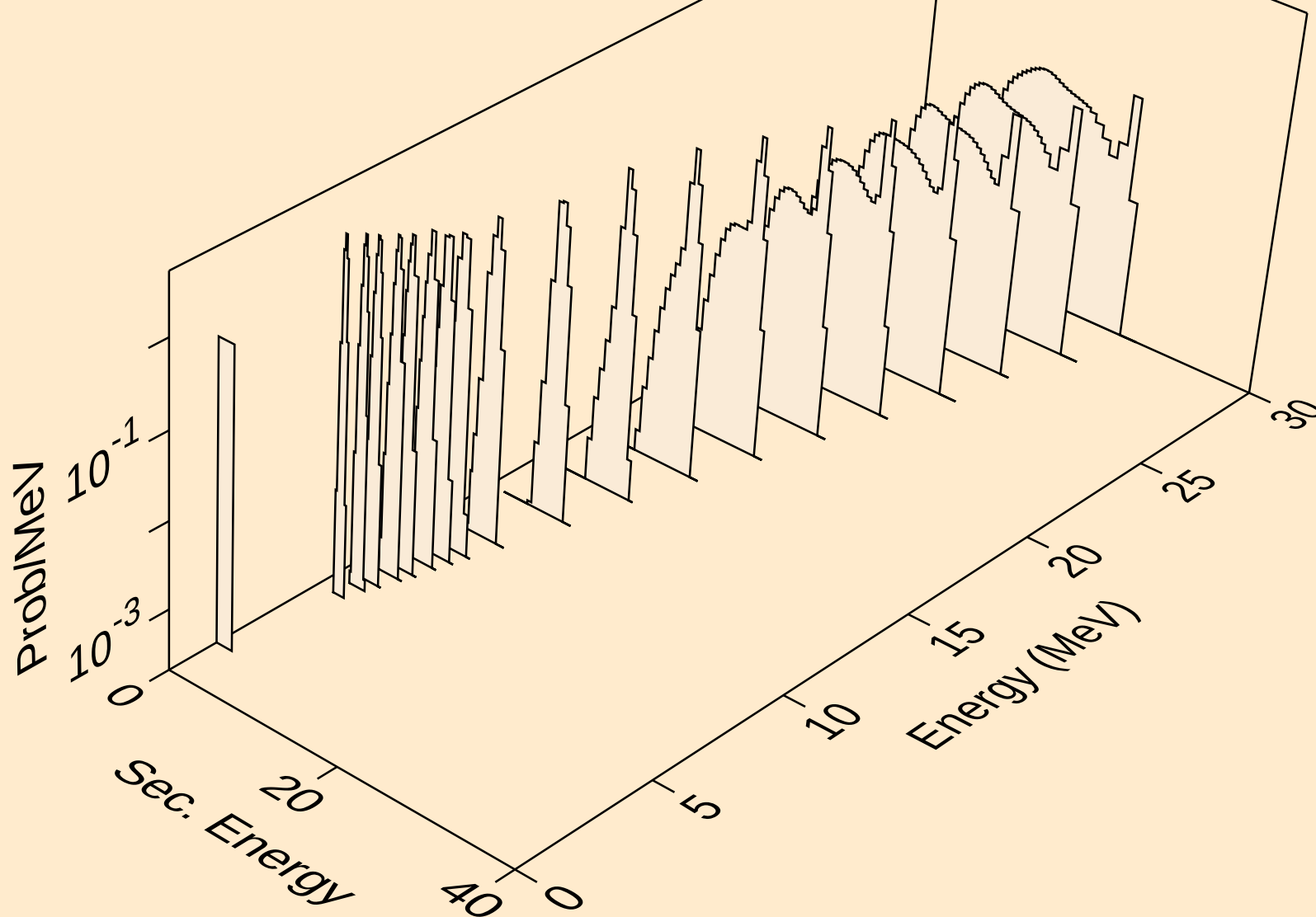
BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,p $\alpha$ )



BR078 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

