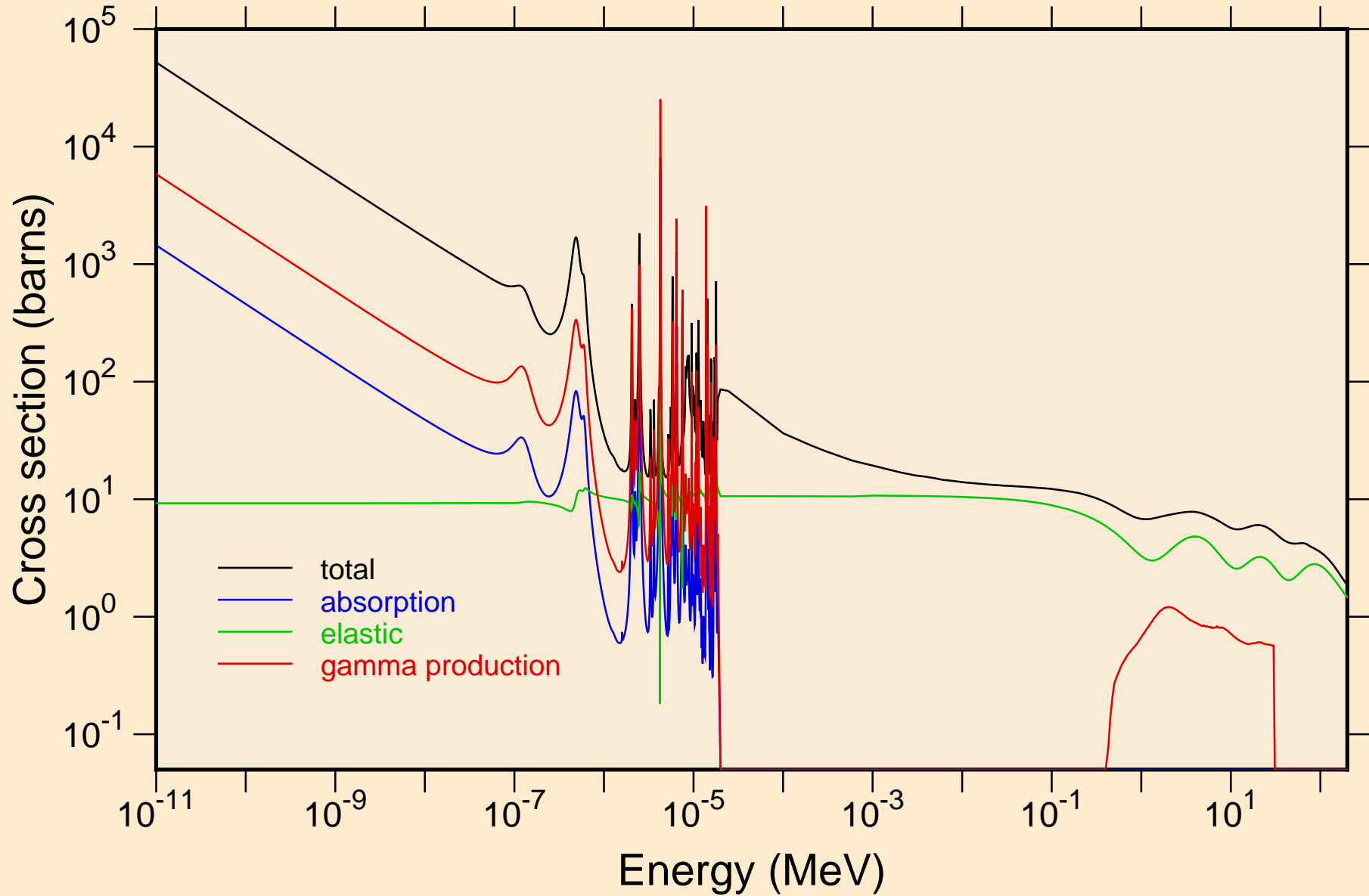
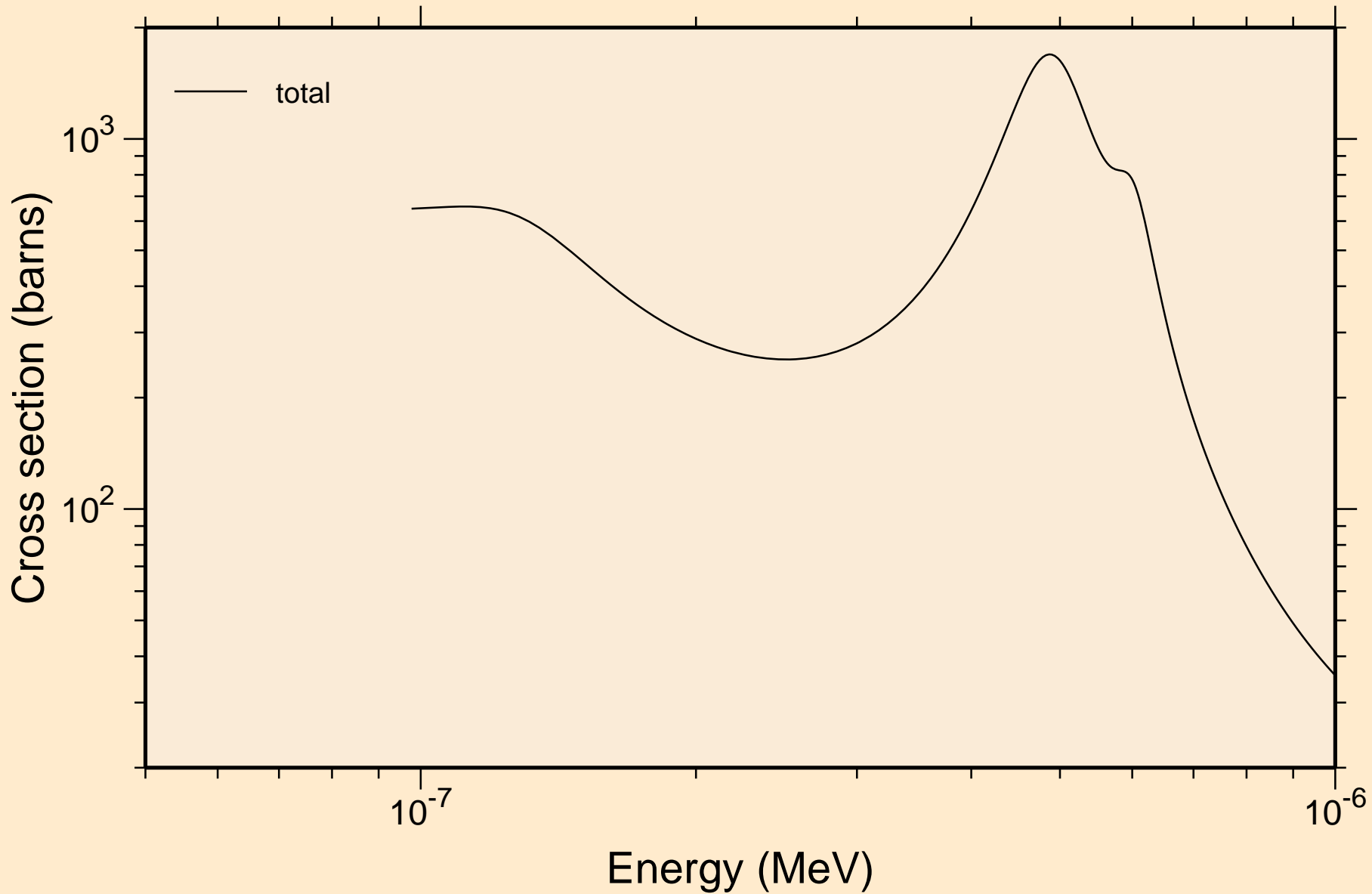


# CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

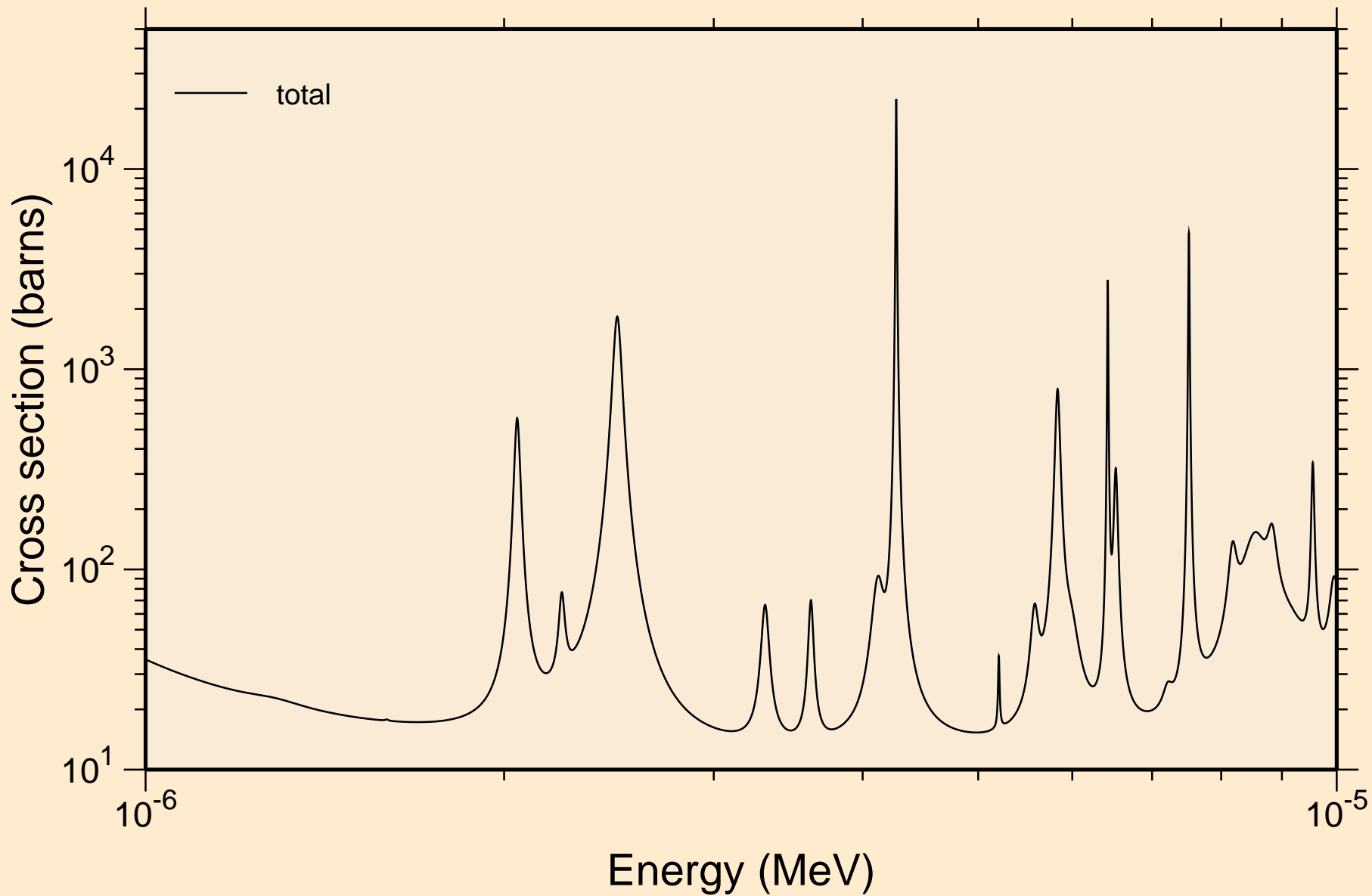
## Principal cross sections



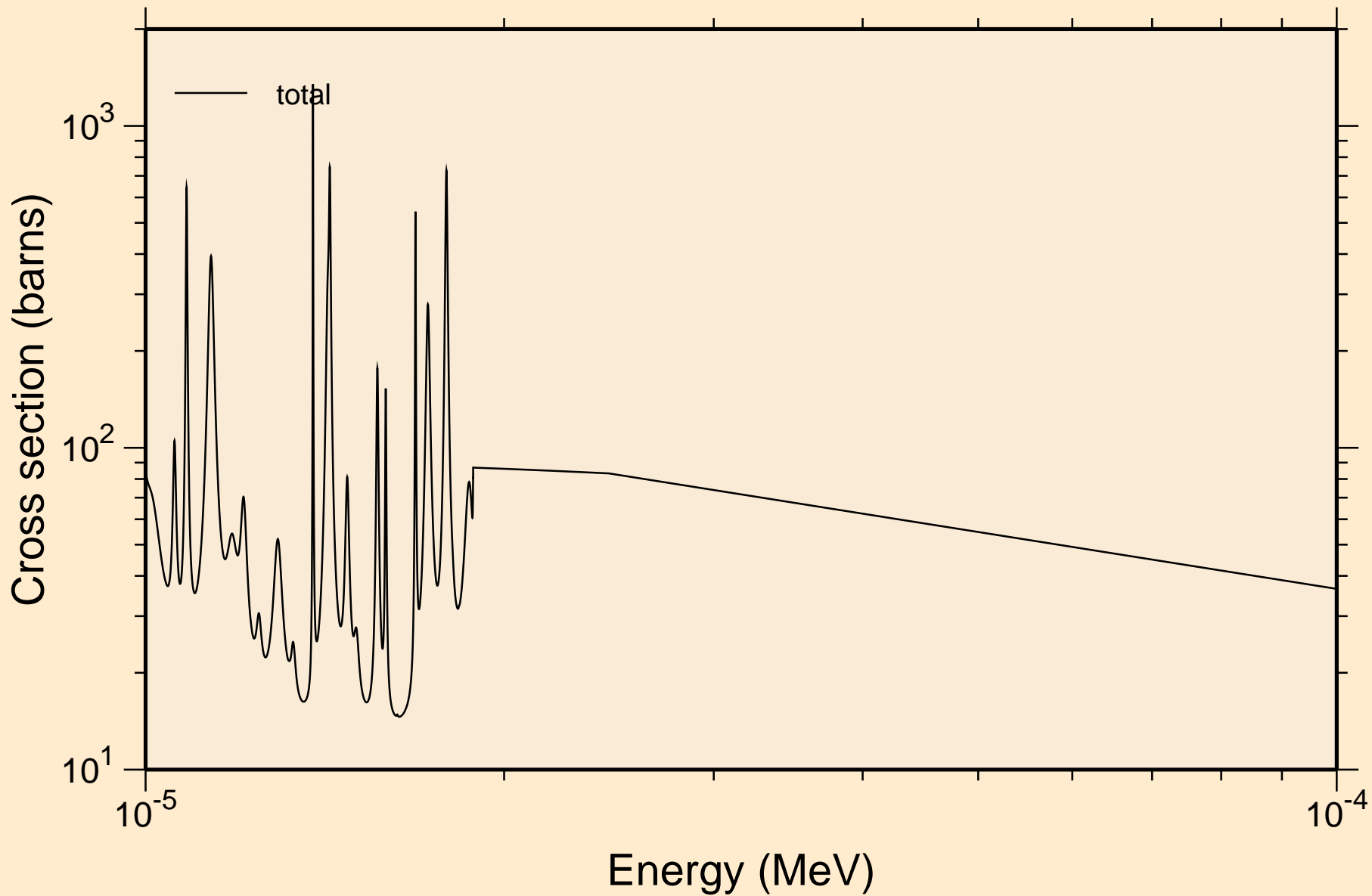
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



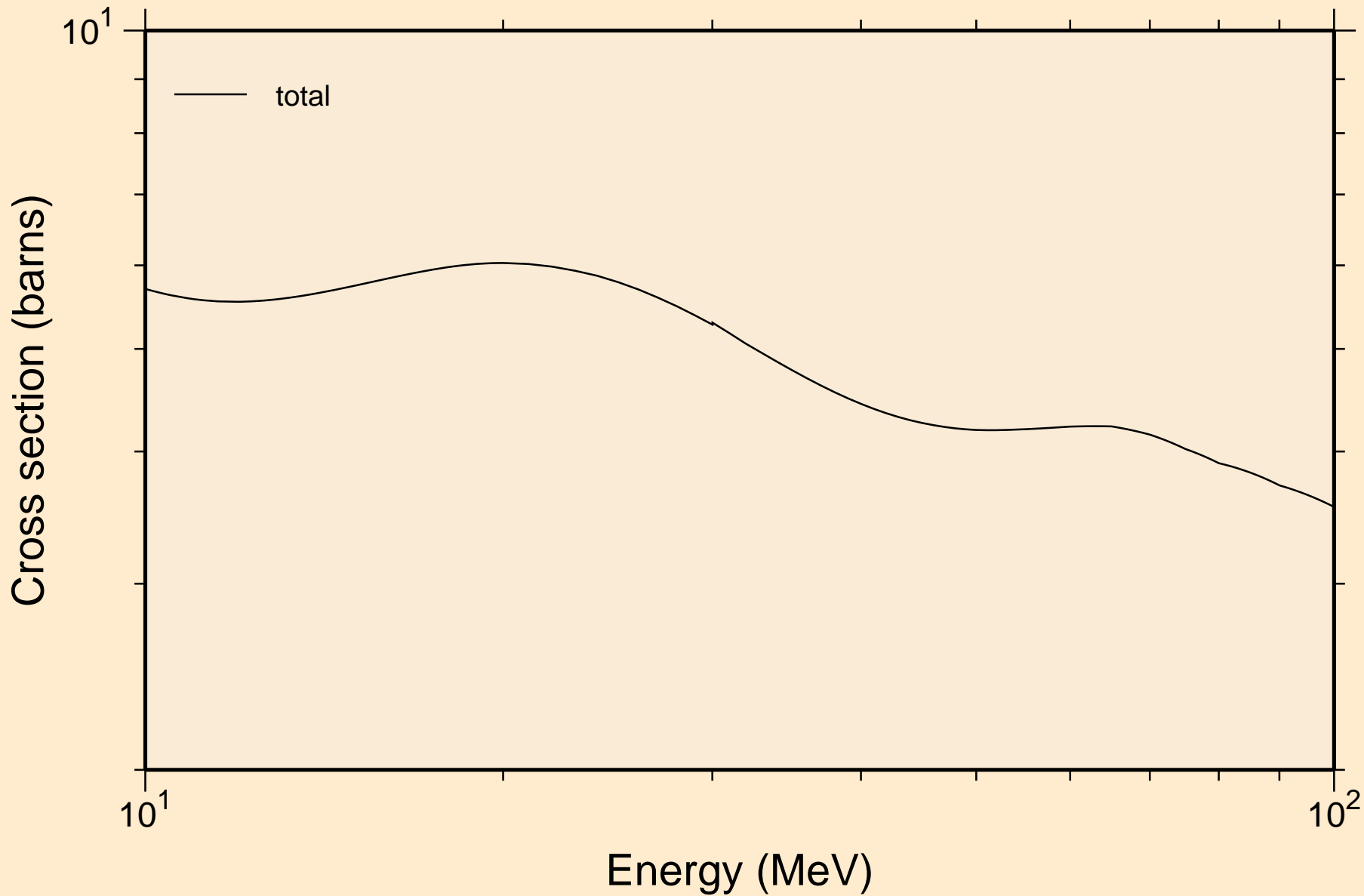
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resonance total cross section



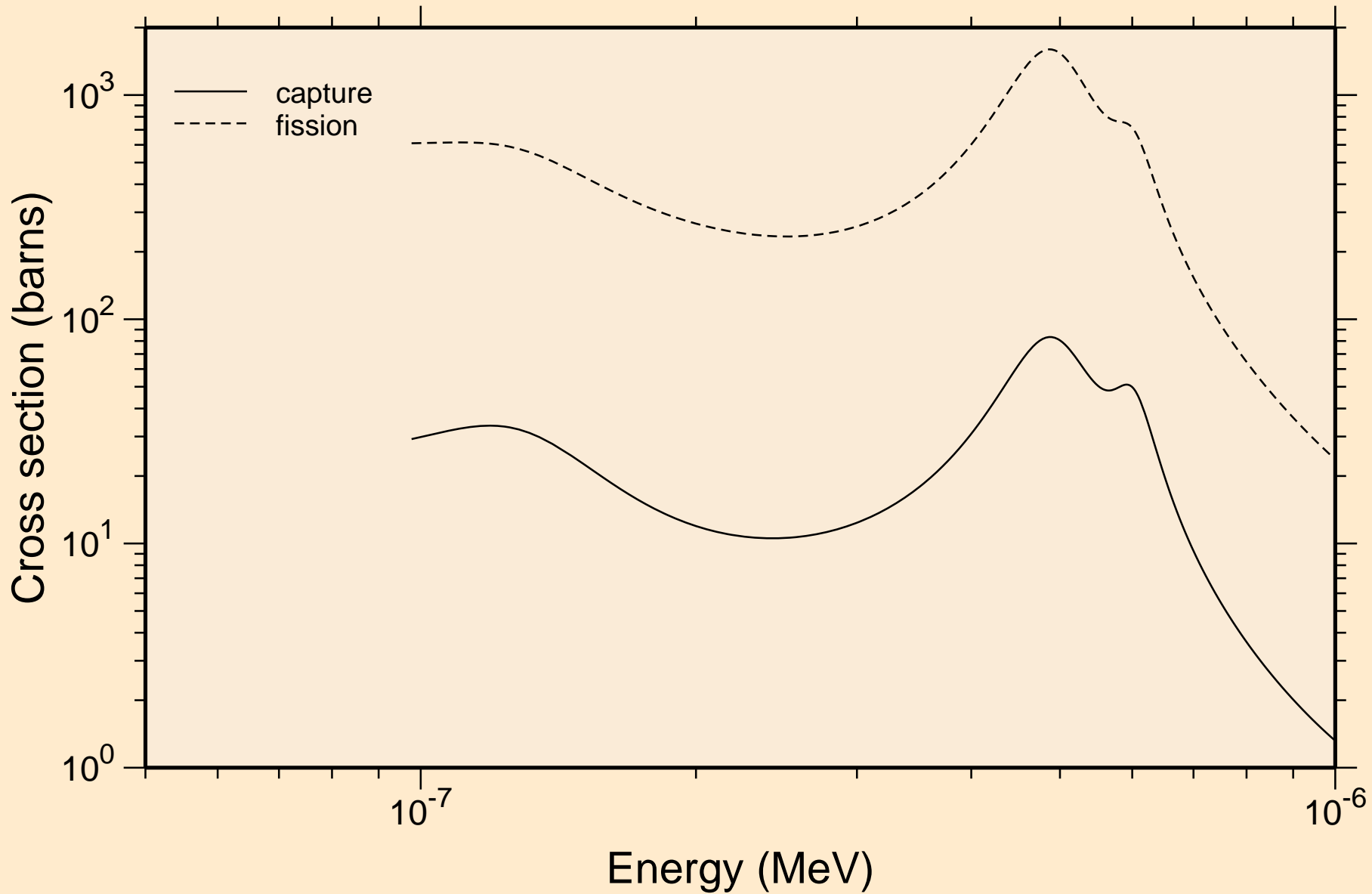
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resonance total cross section



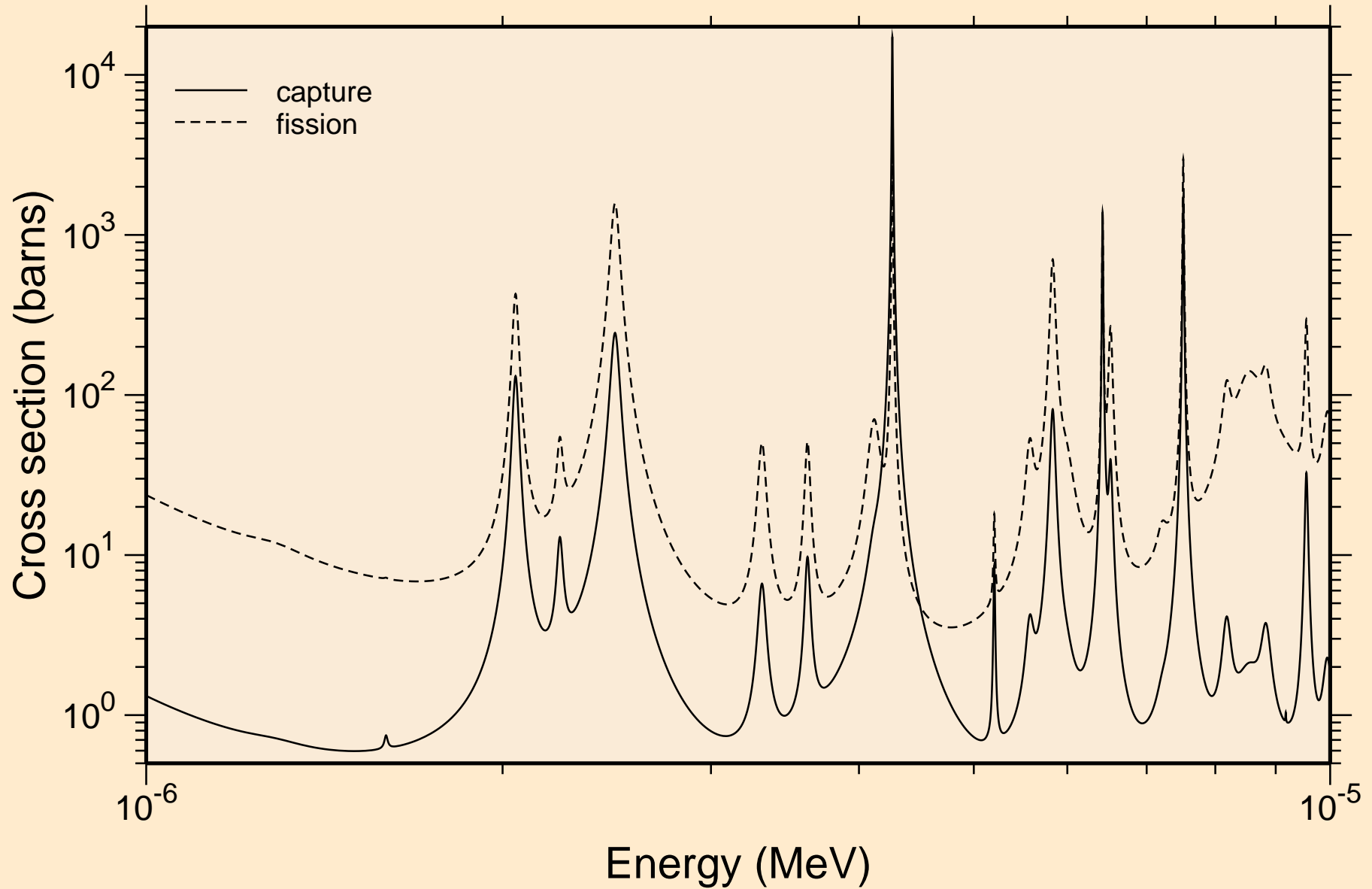
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



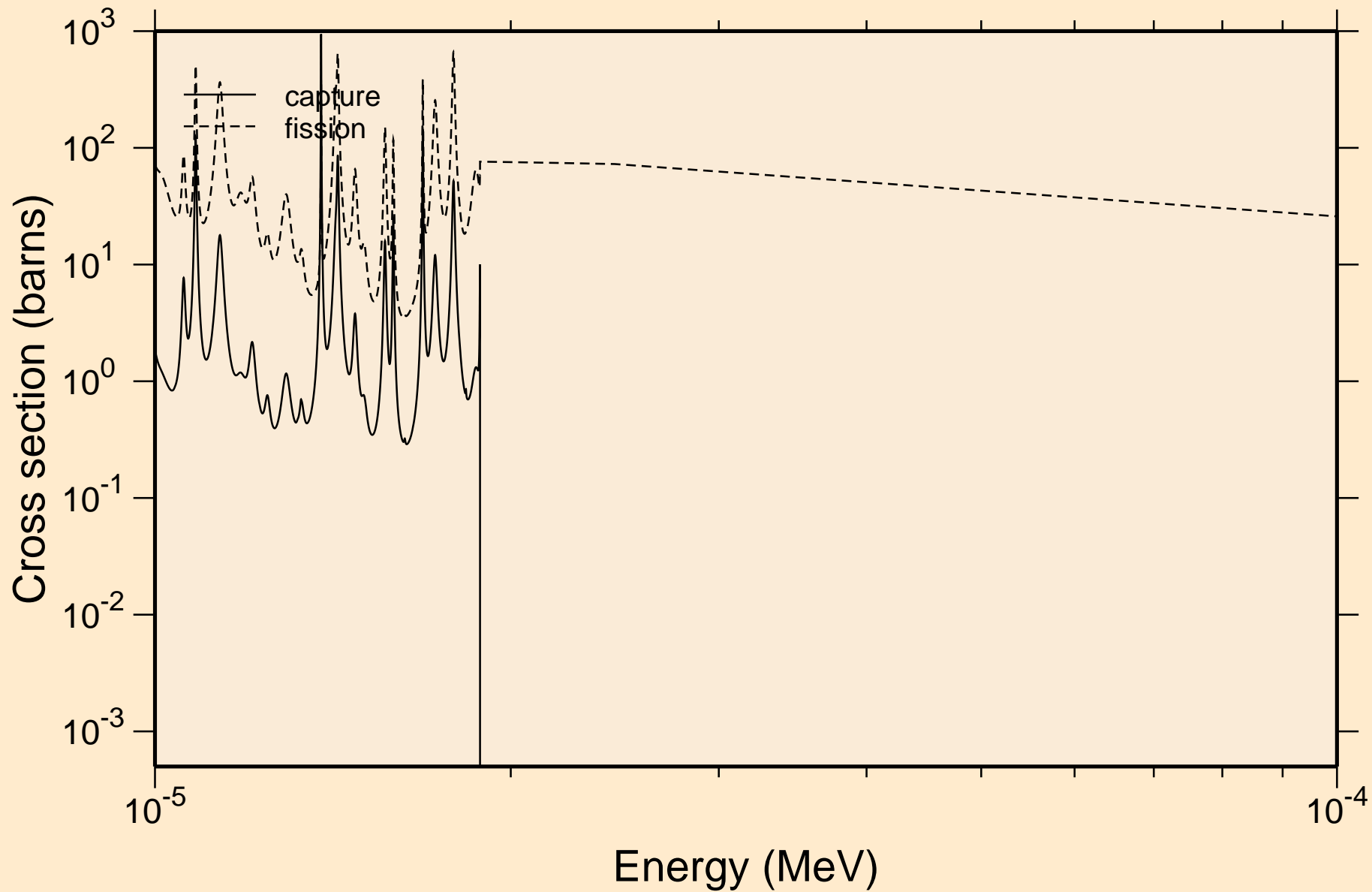
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resonance absorption cross sections



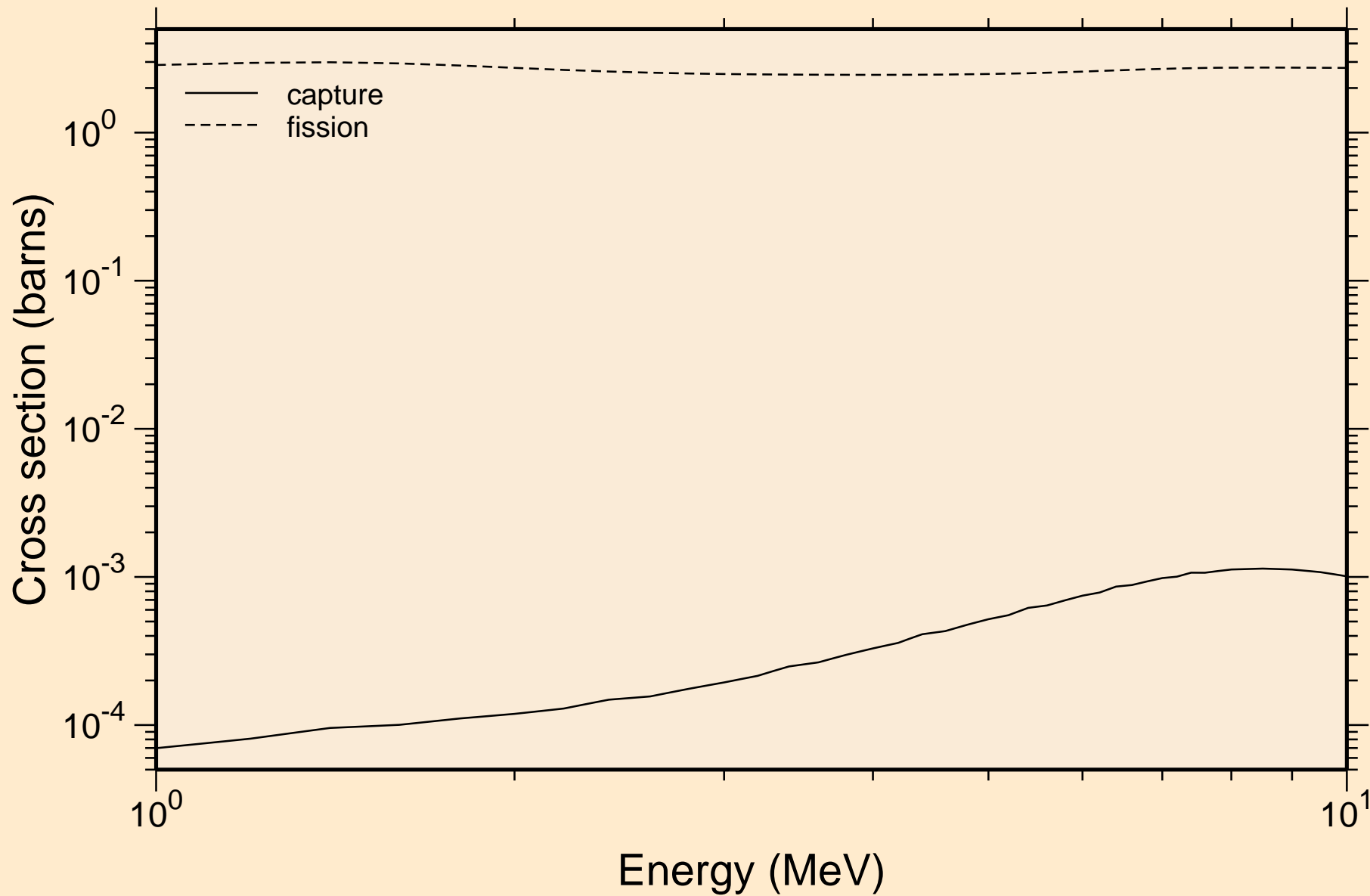
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

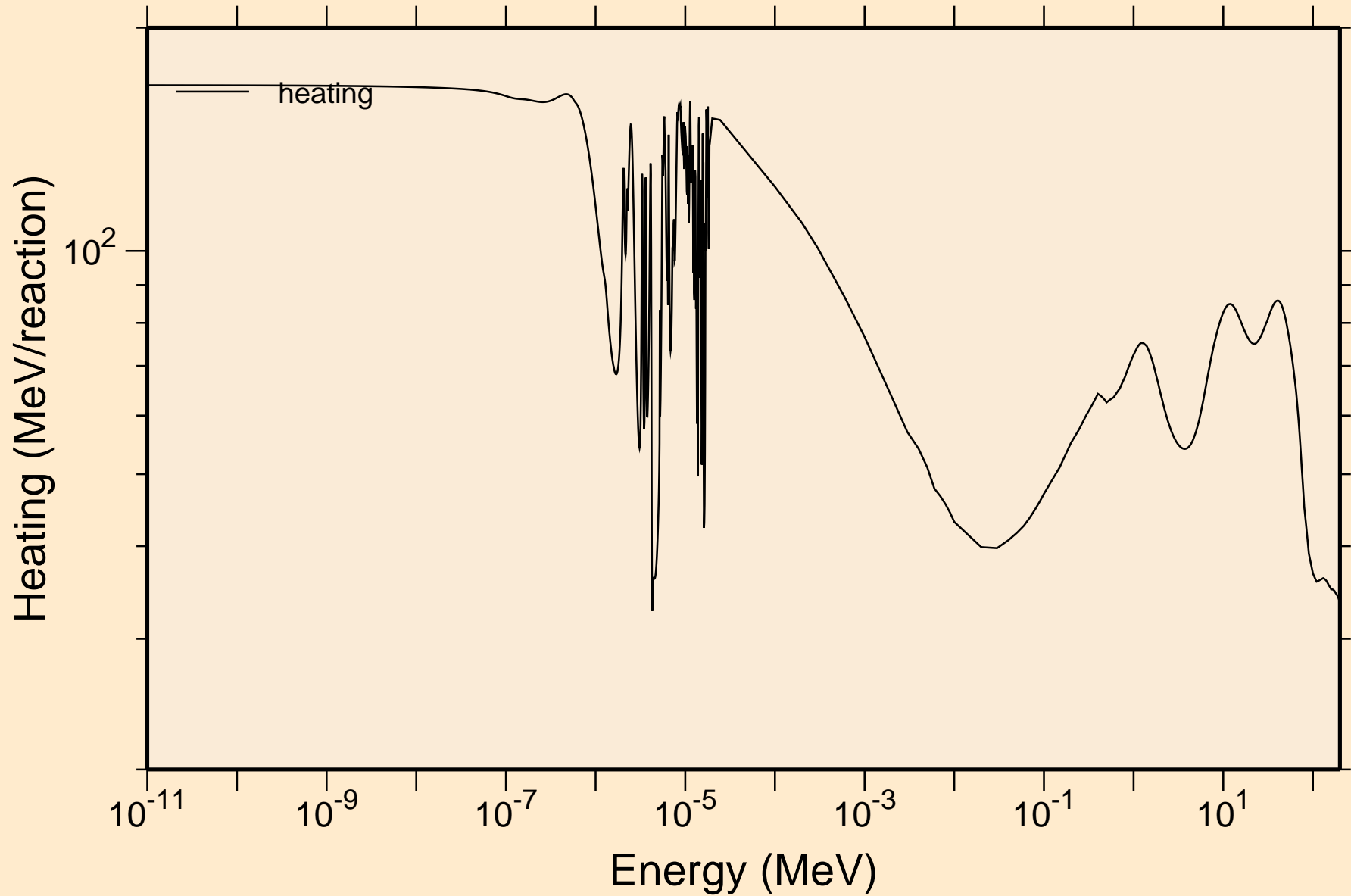


CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



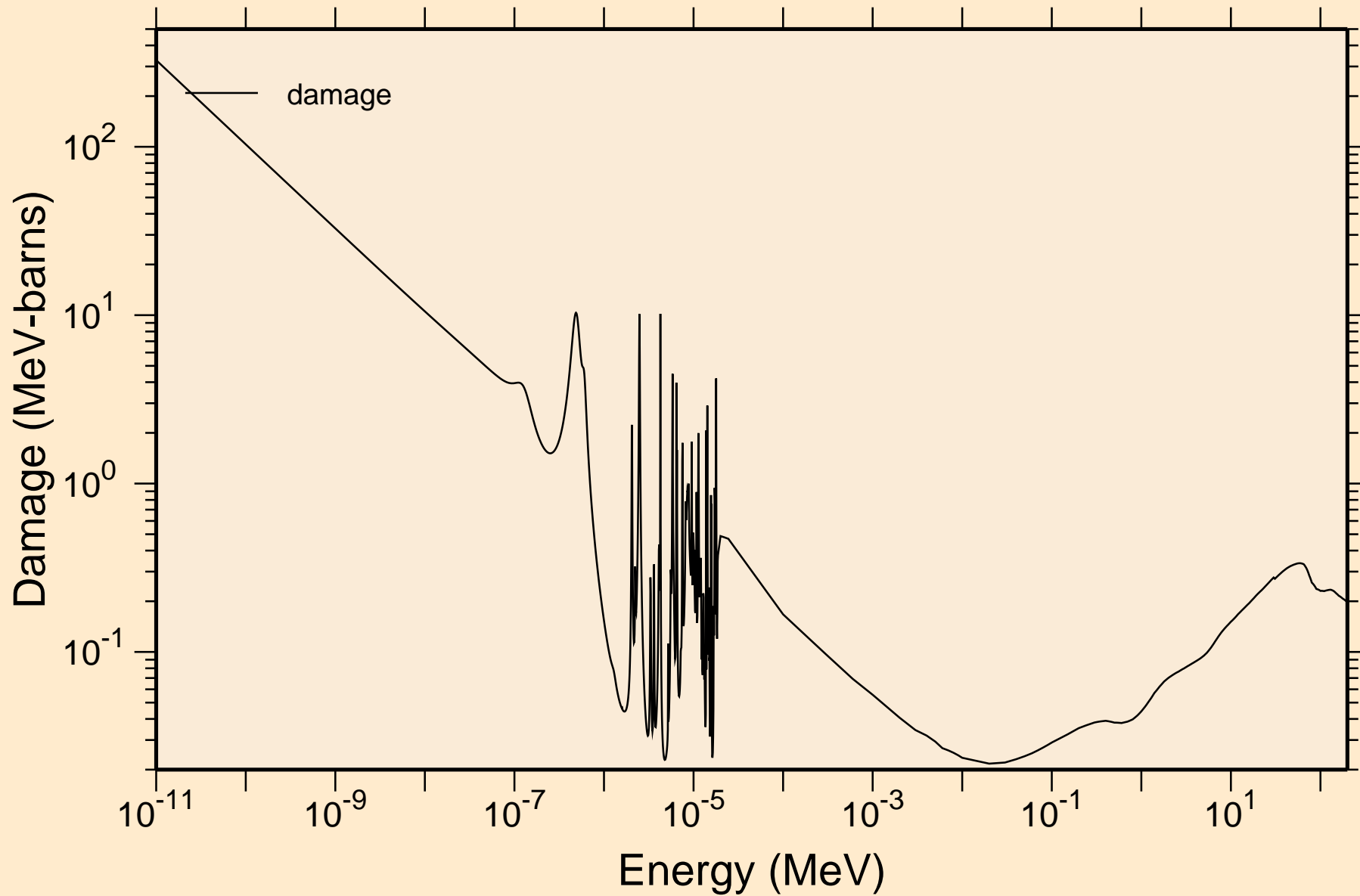
# CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



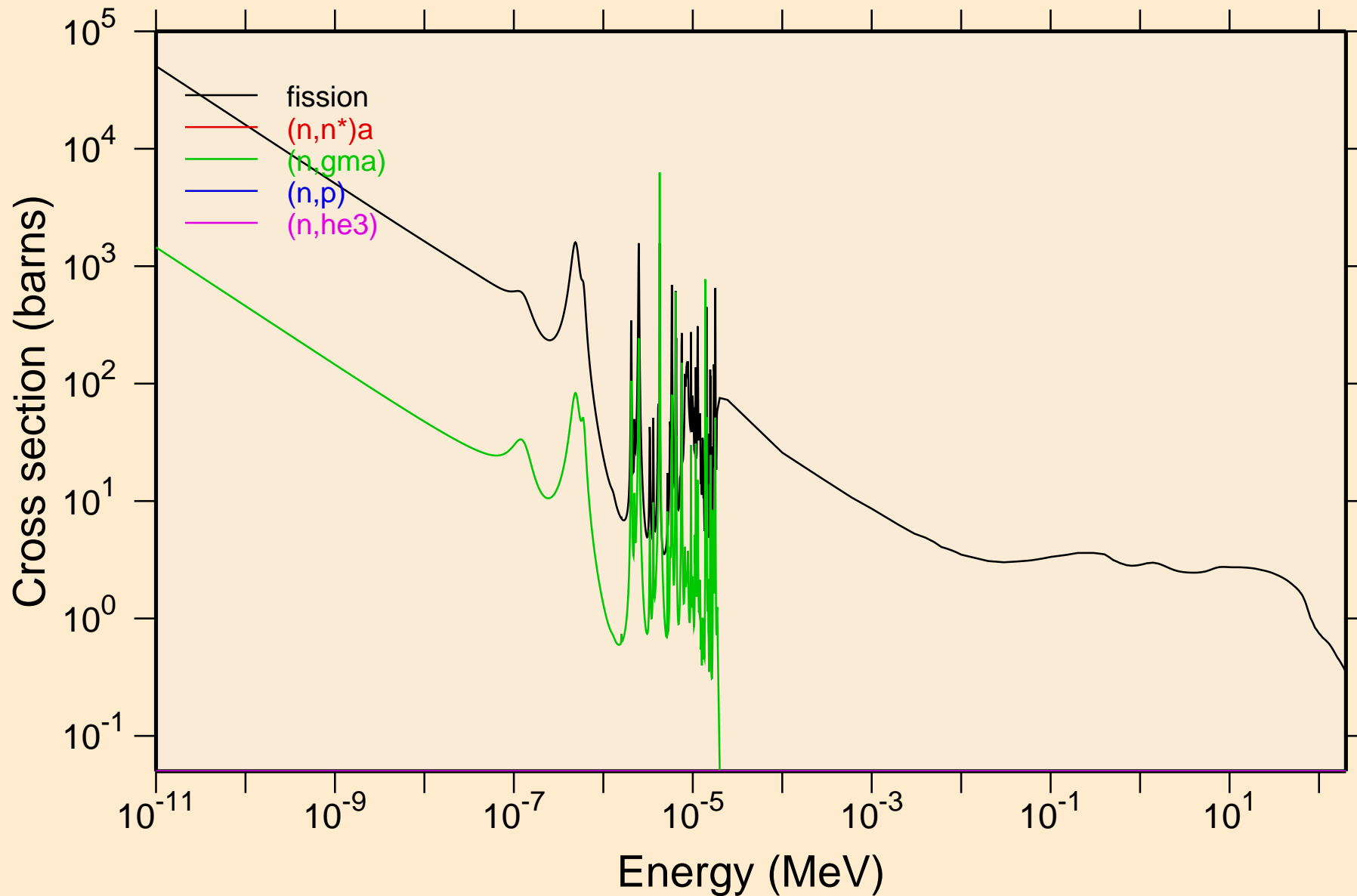
# CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage



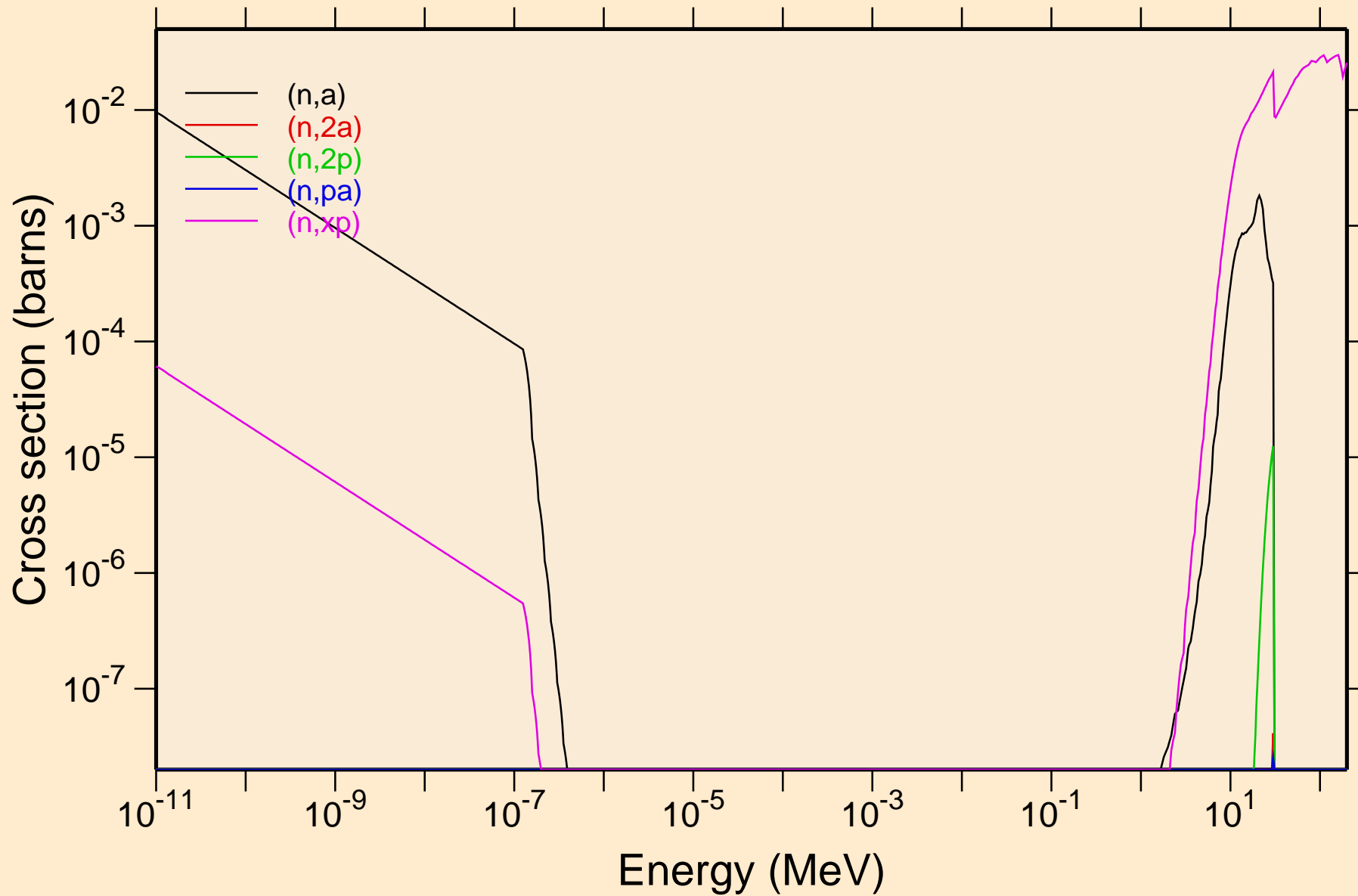
# CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

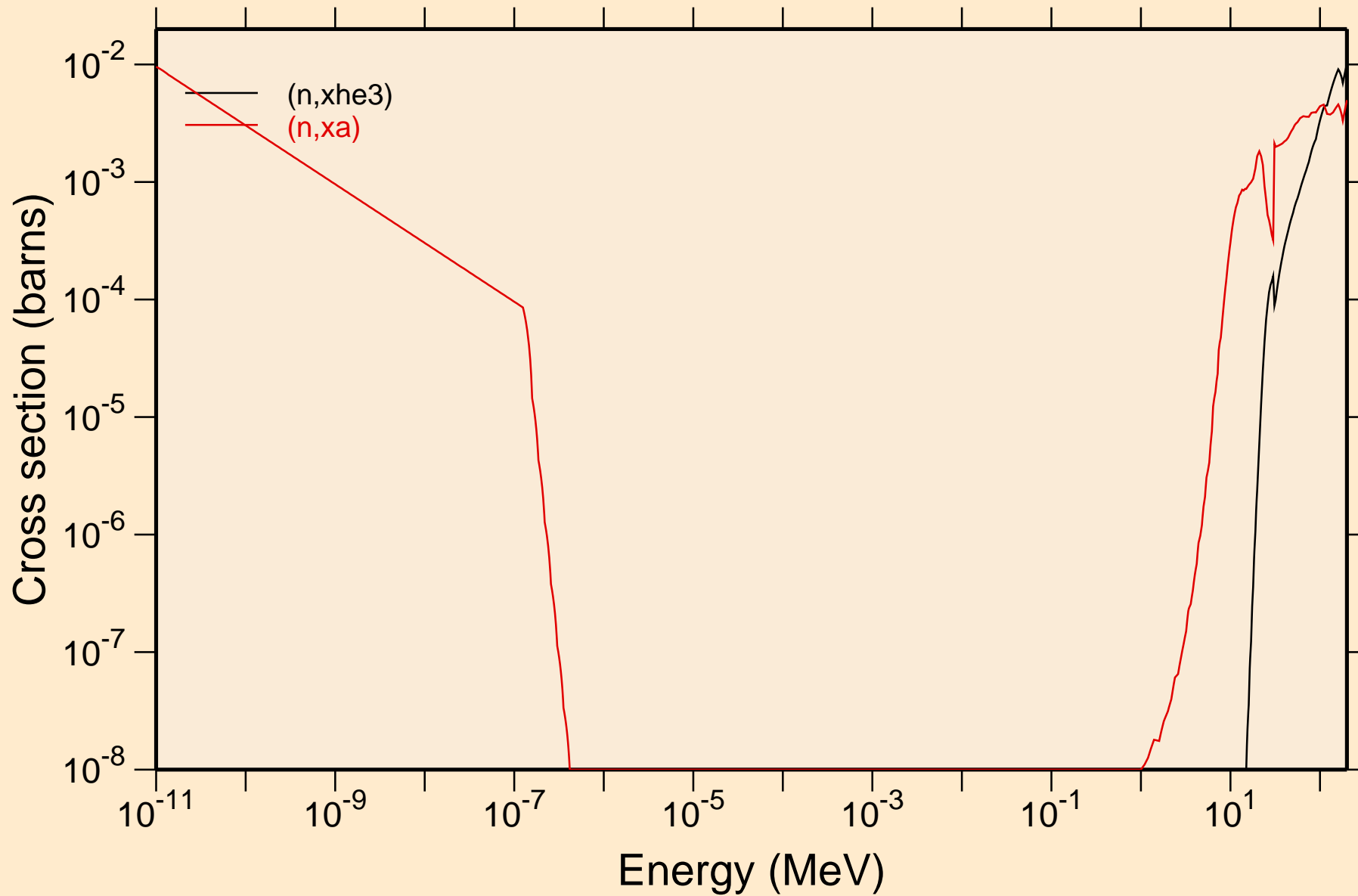


# CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

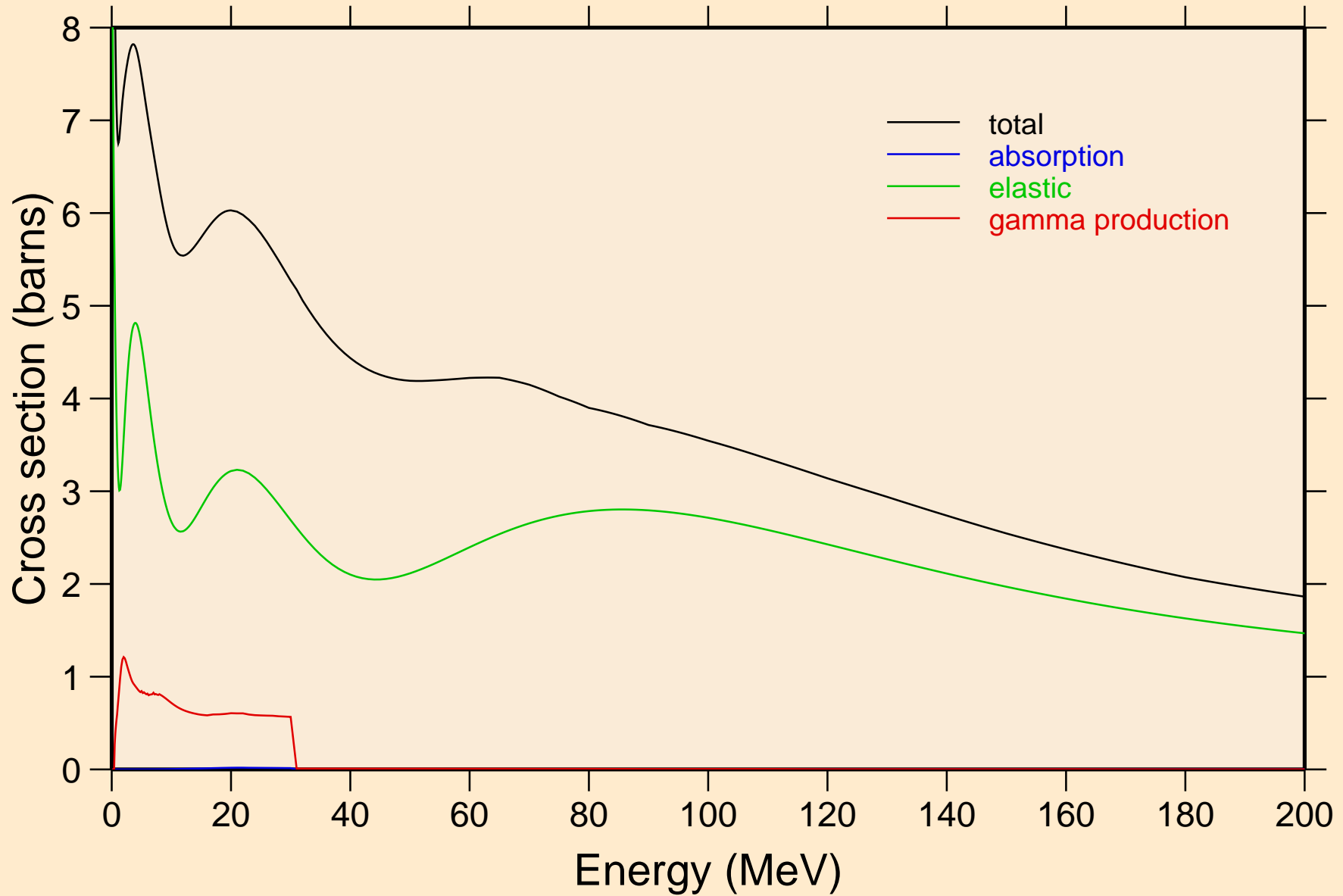


CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



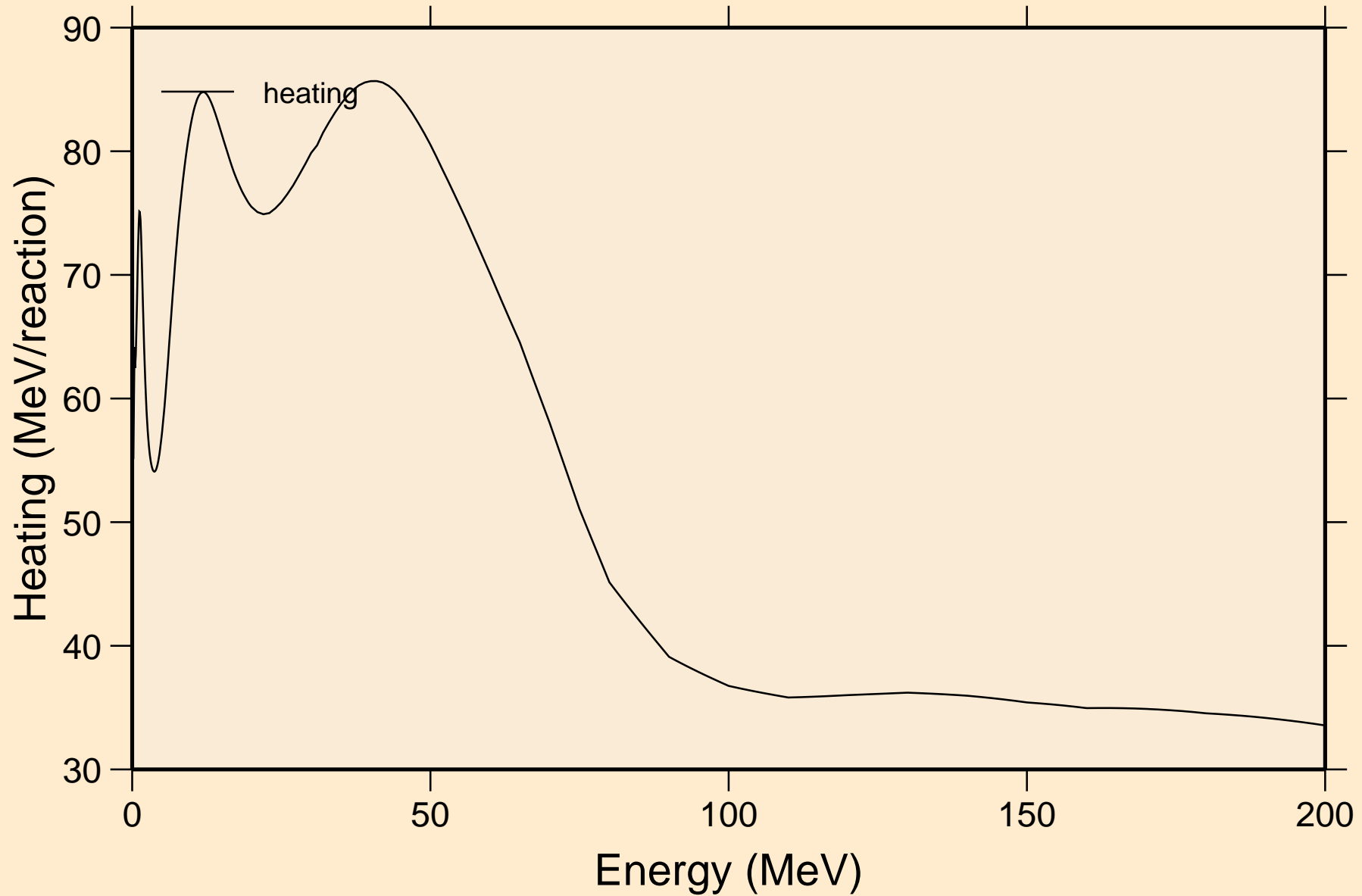
# CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

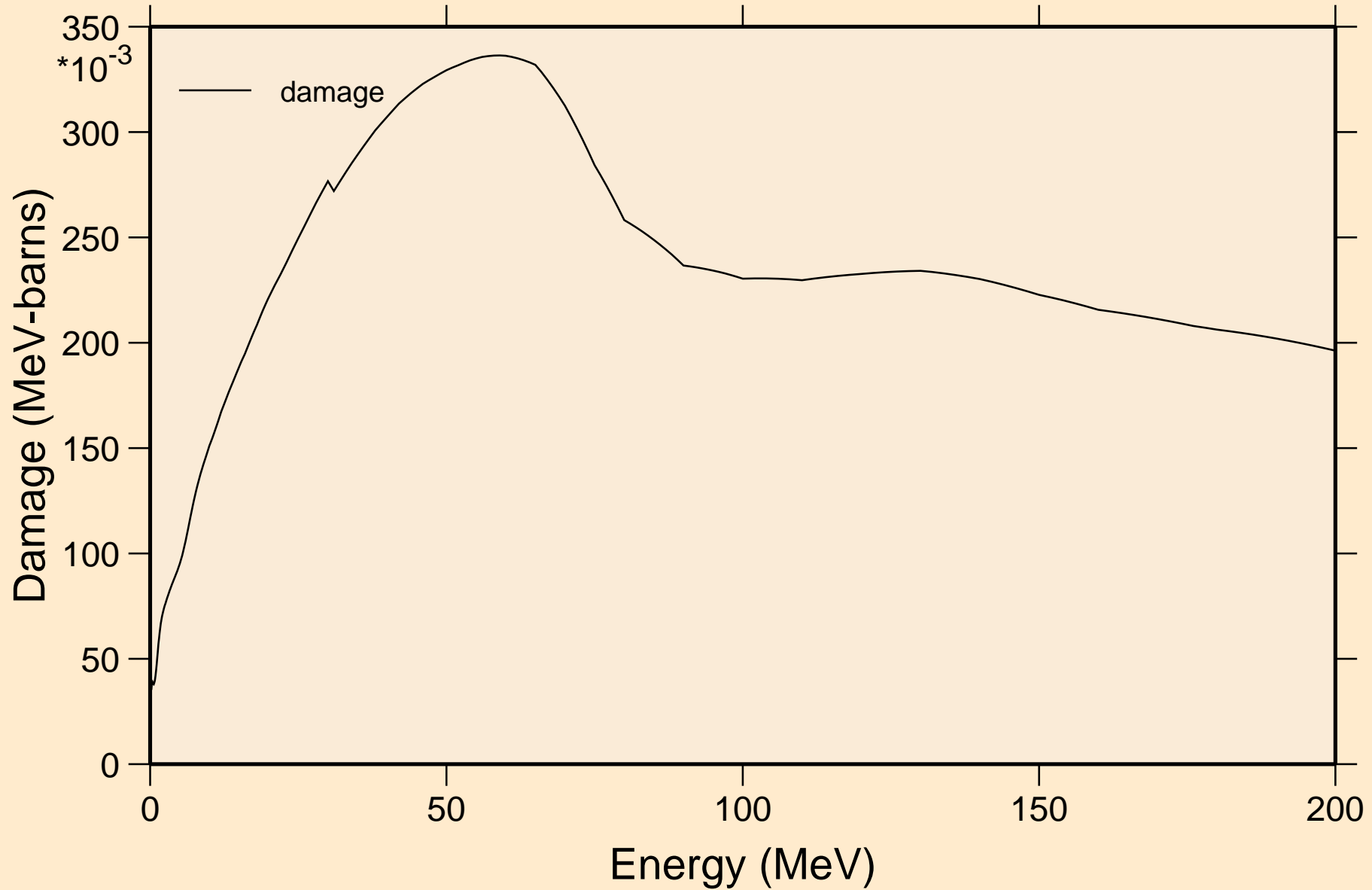


# CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

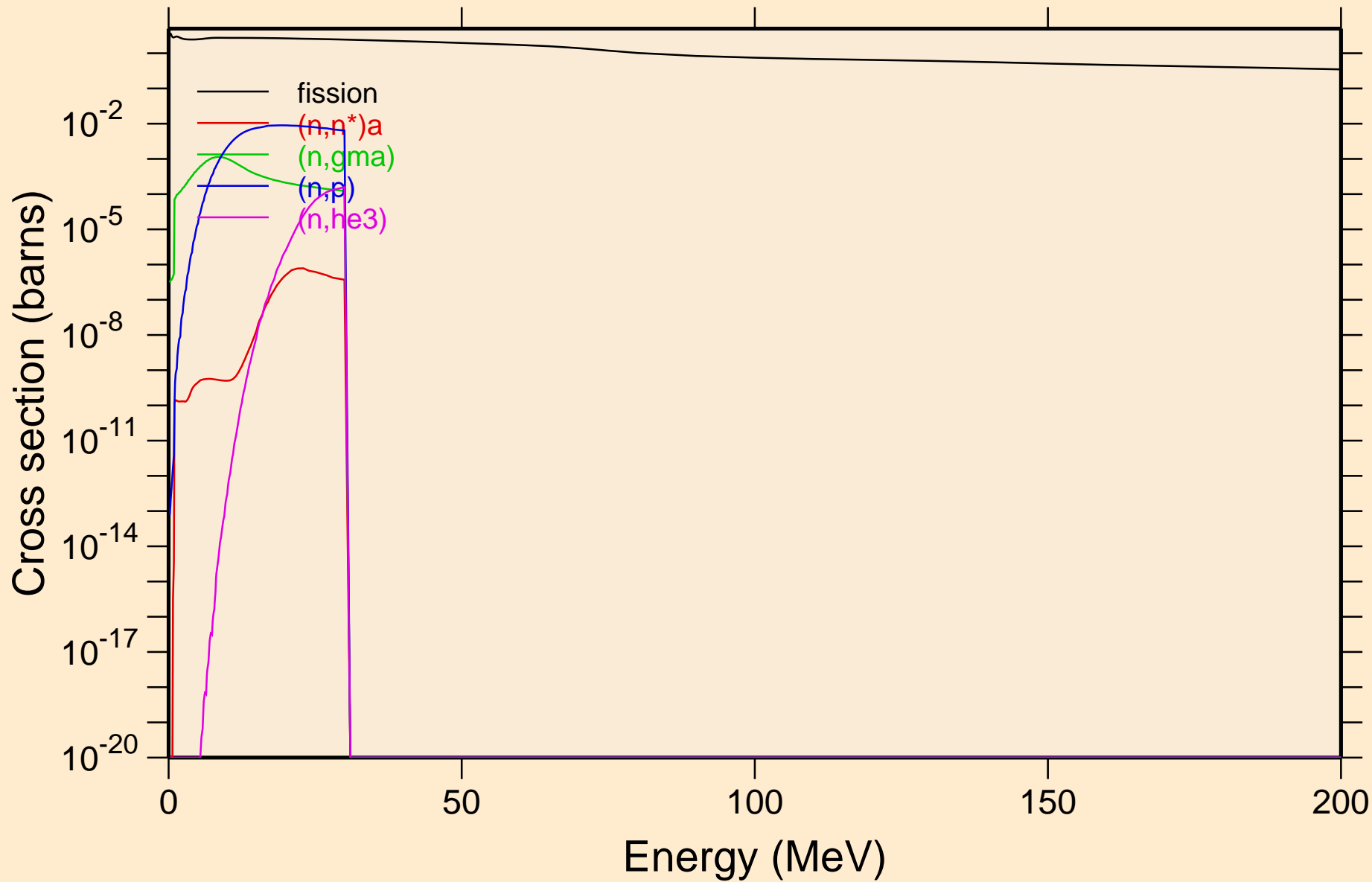


CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



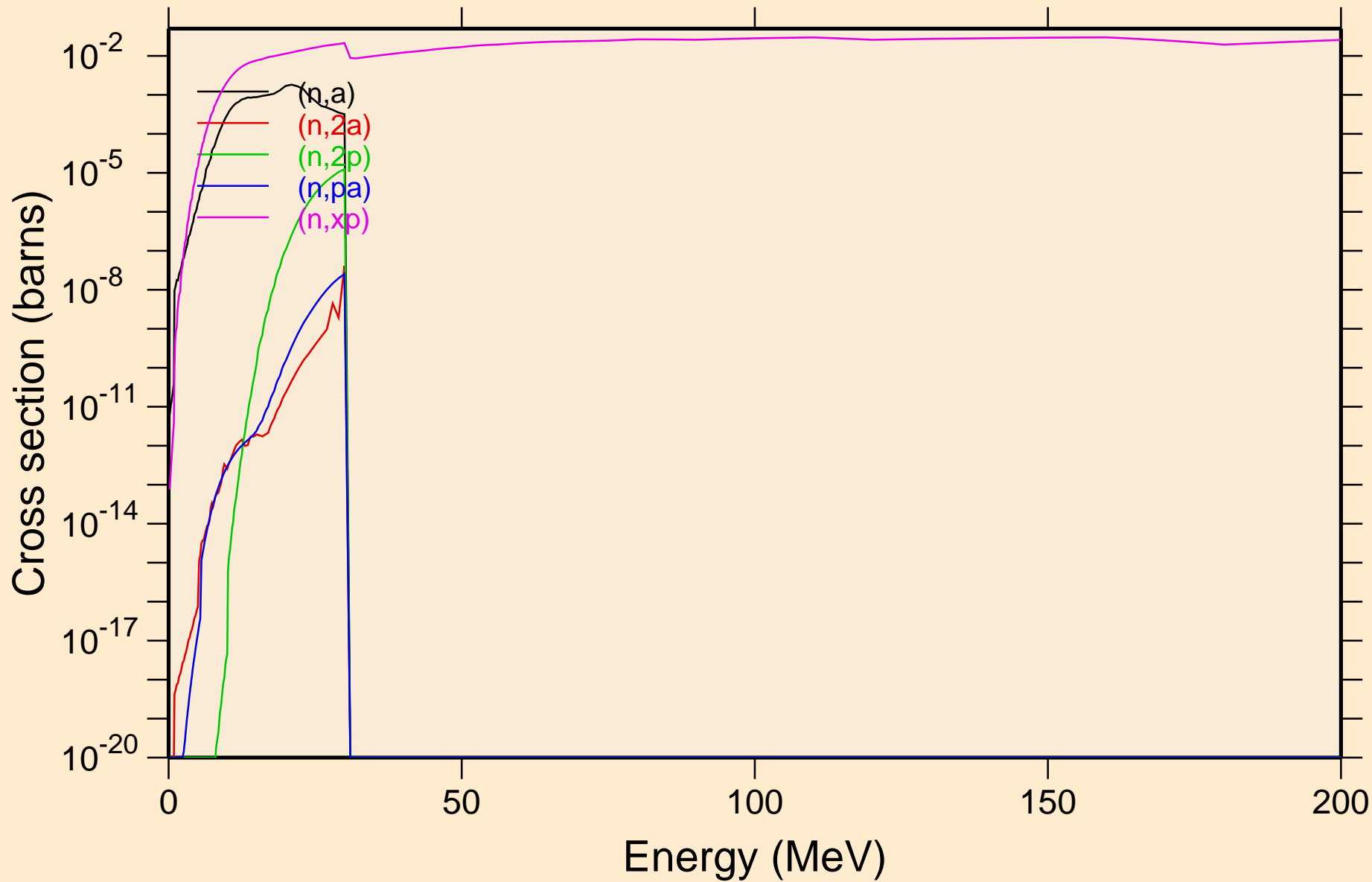
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## Non-threshold reactions

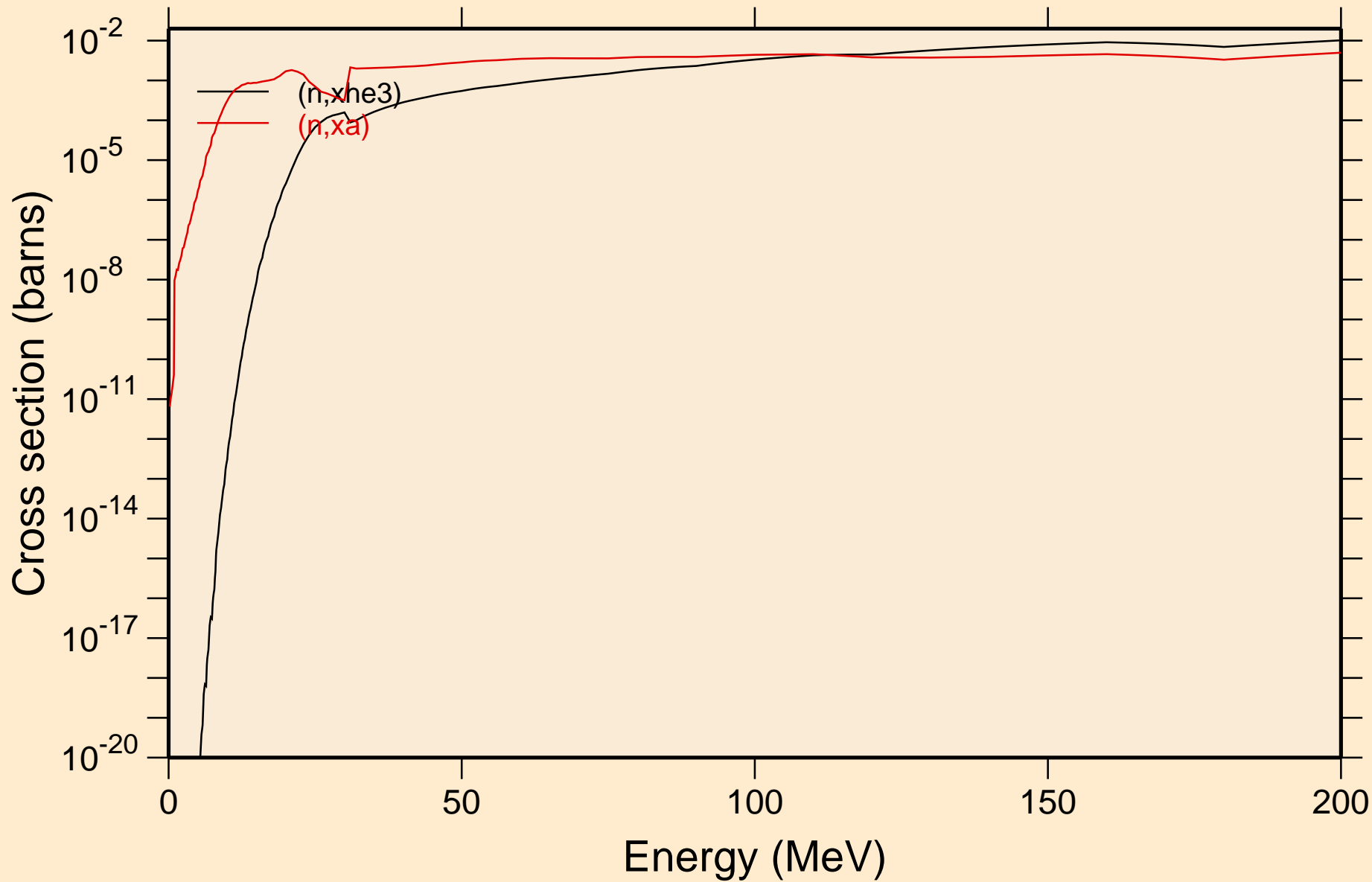


# CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

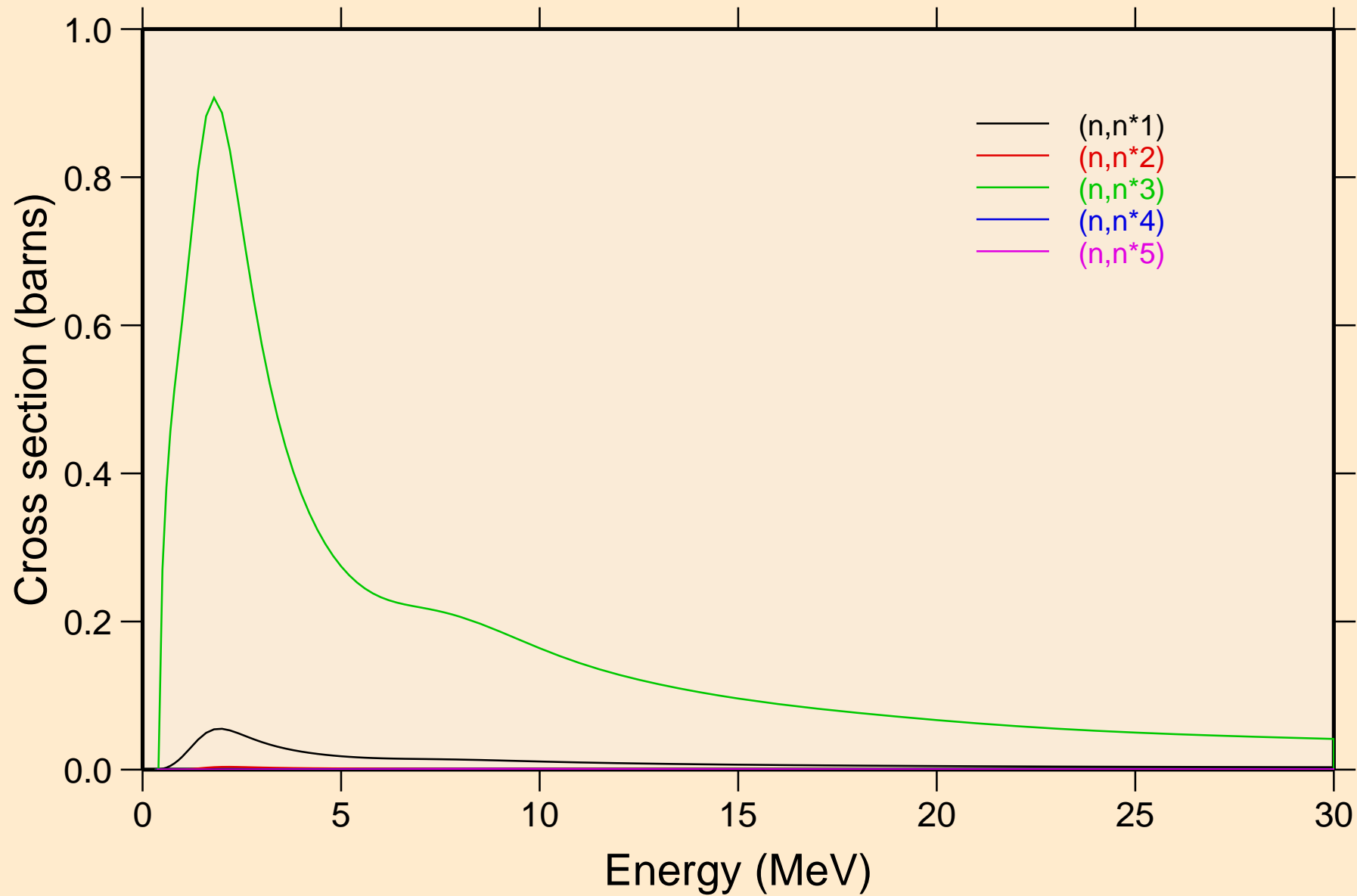
## Non-threshold reactions



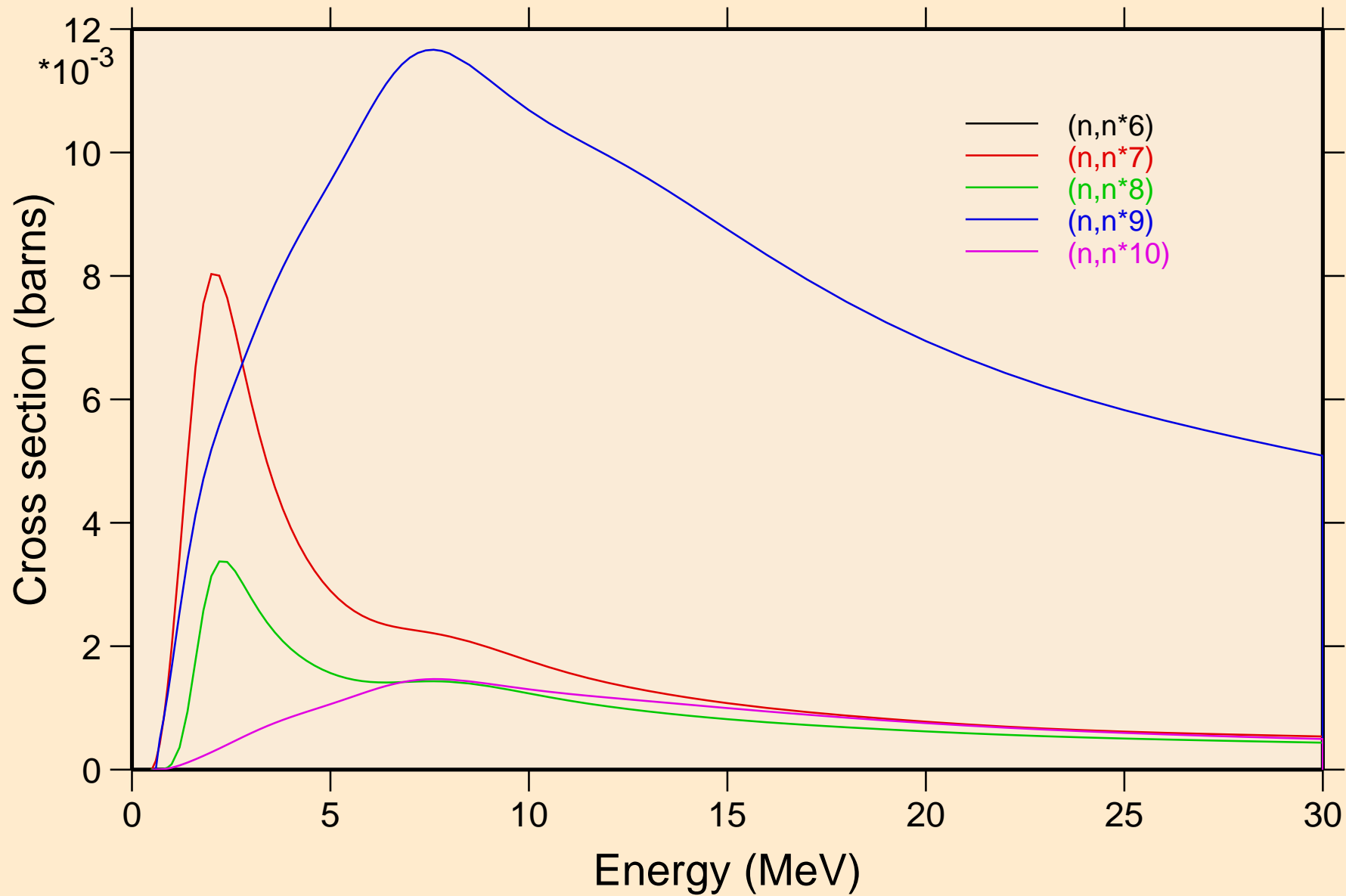
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



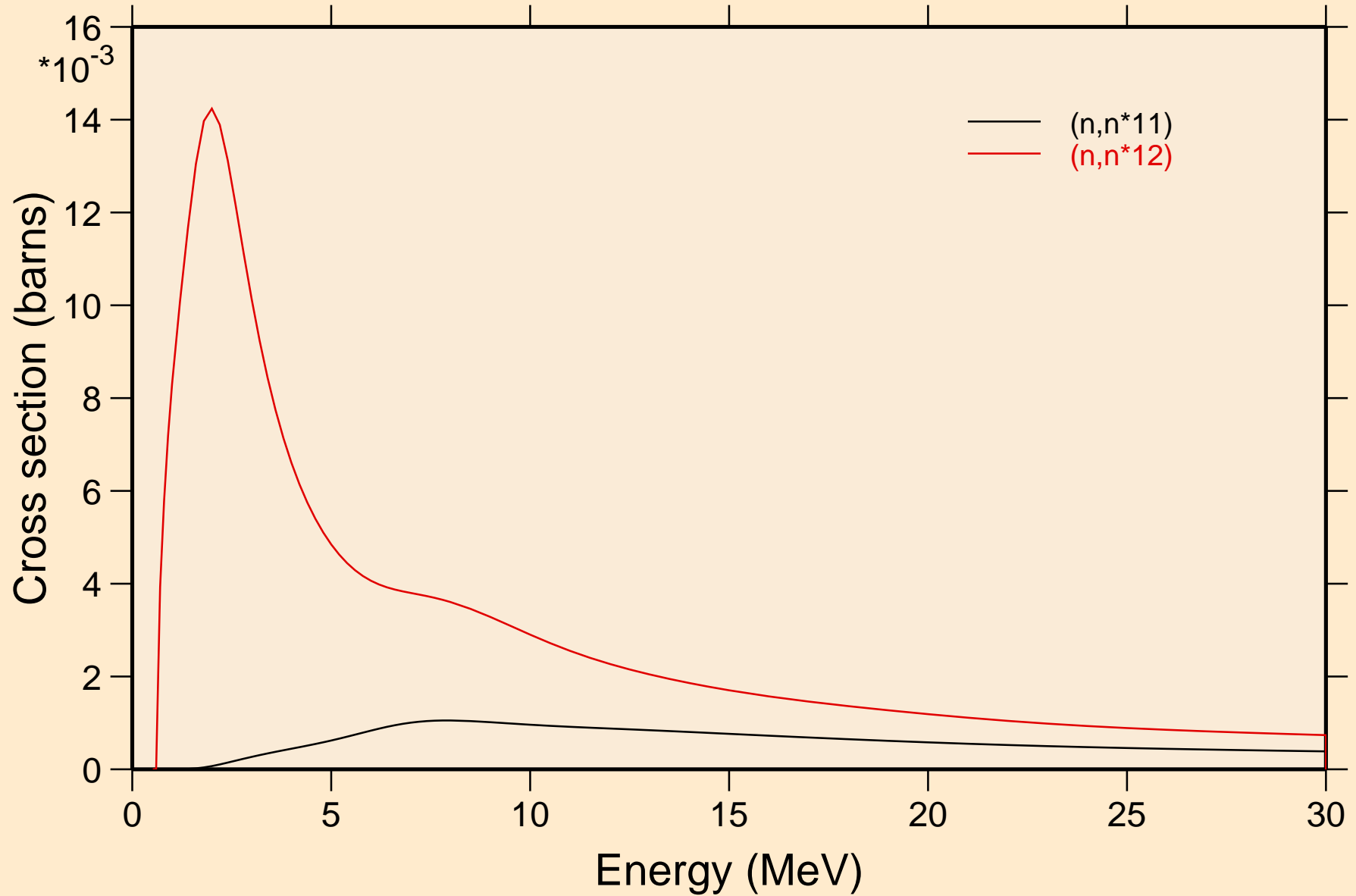
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

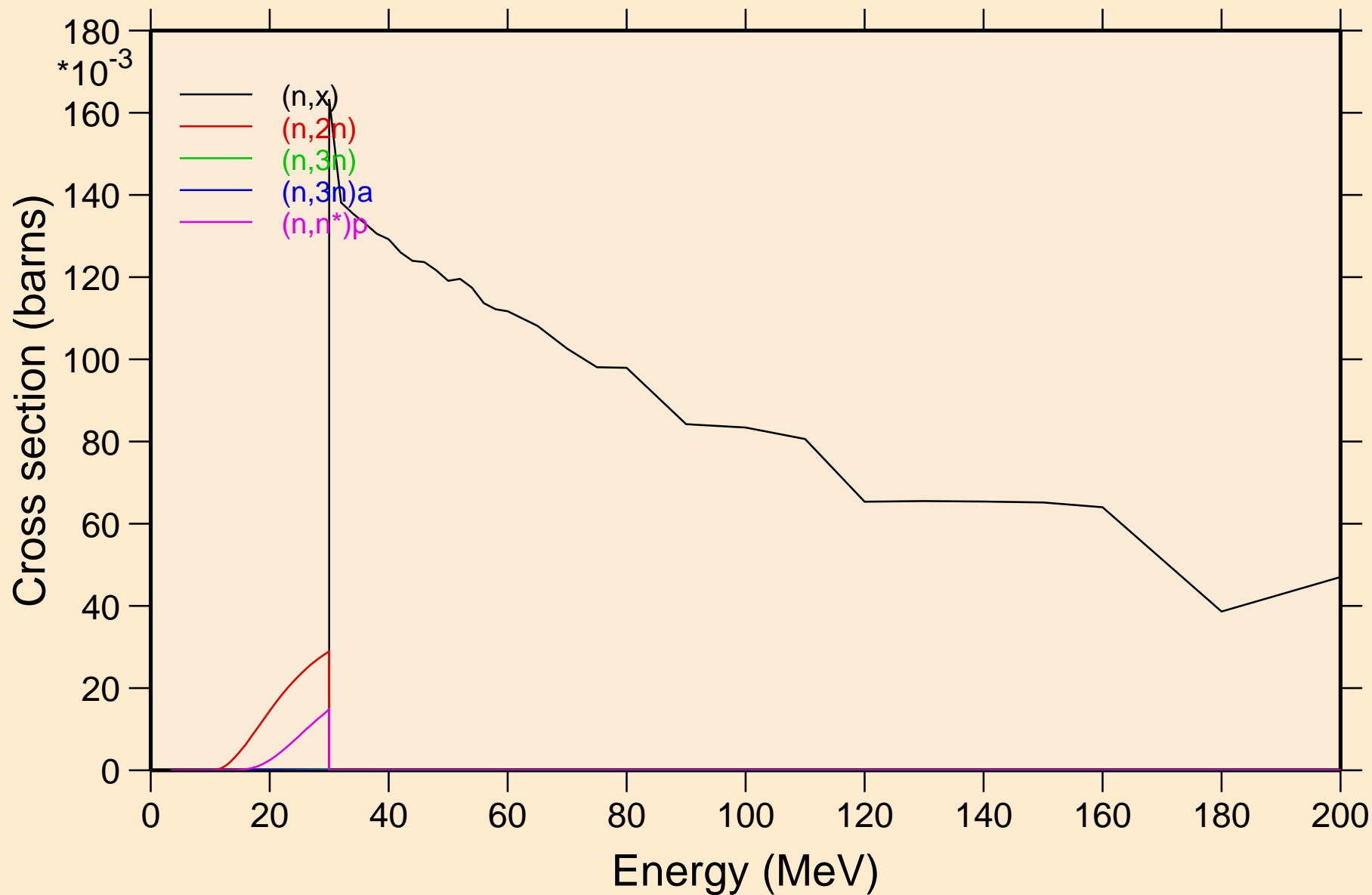


CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



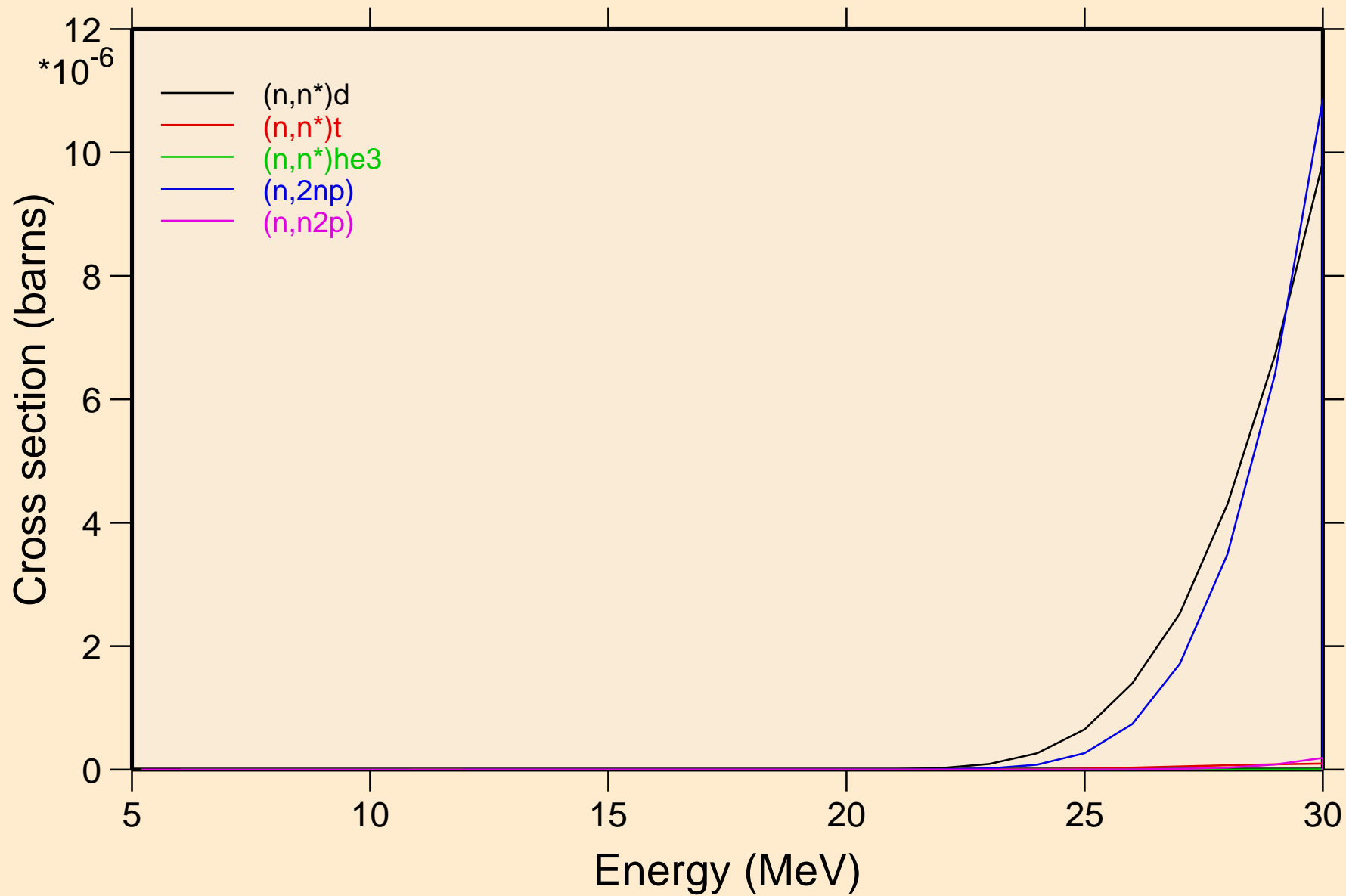
# CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



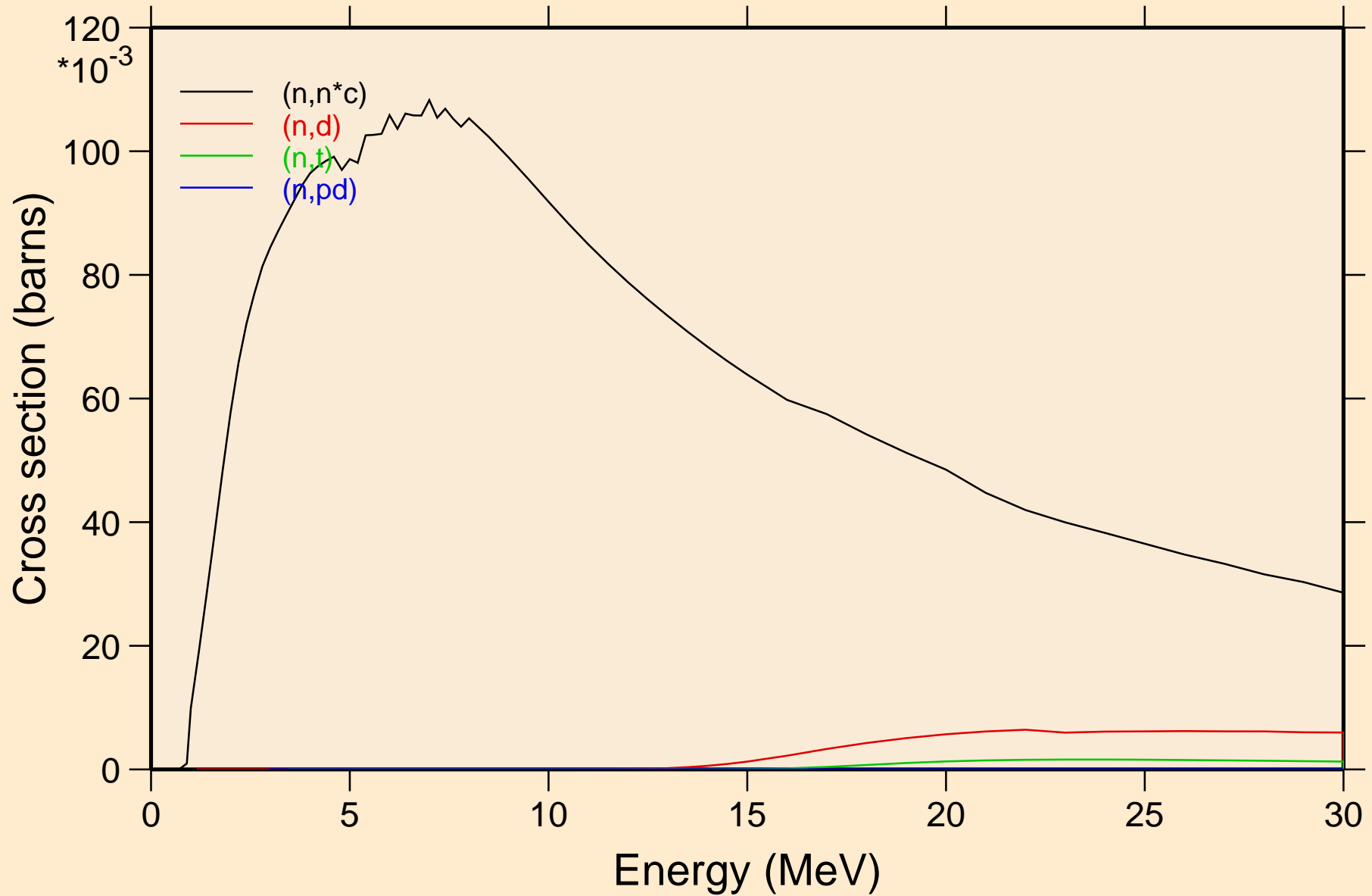
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## Threshold reactions



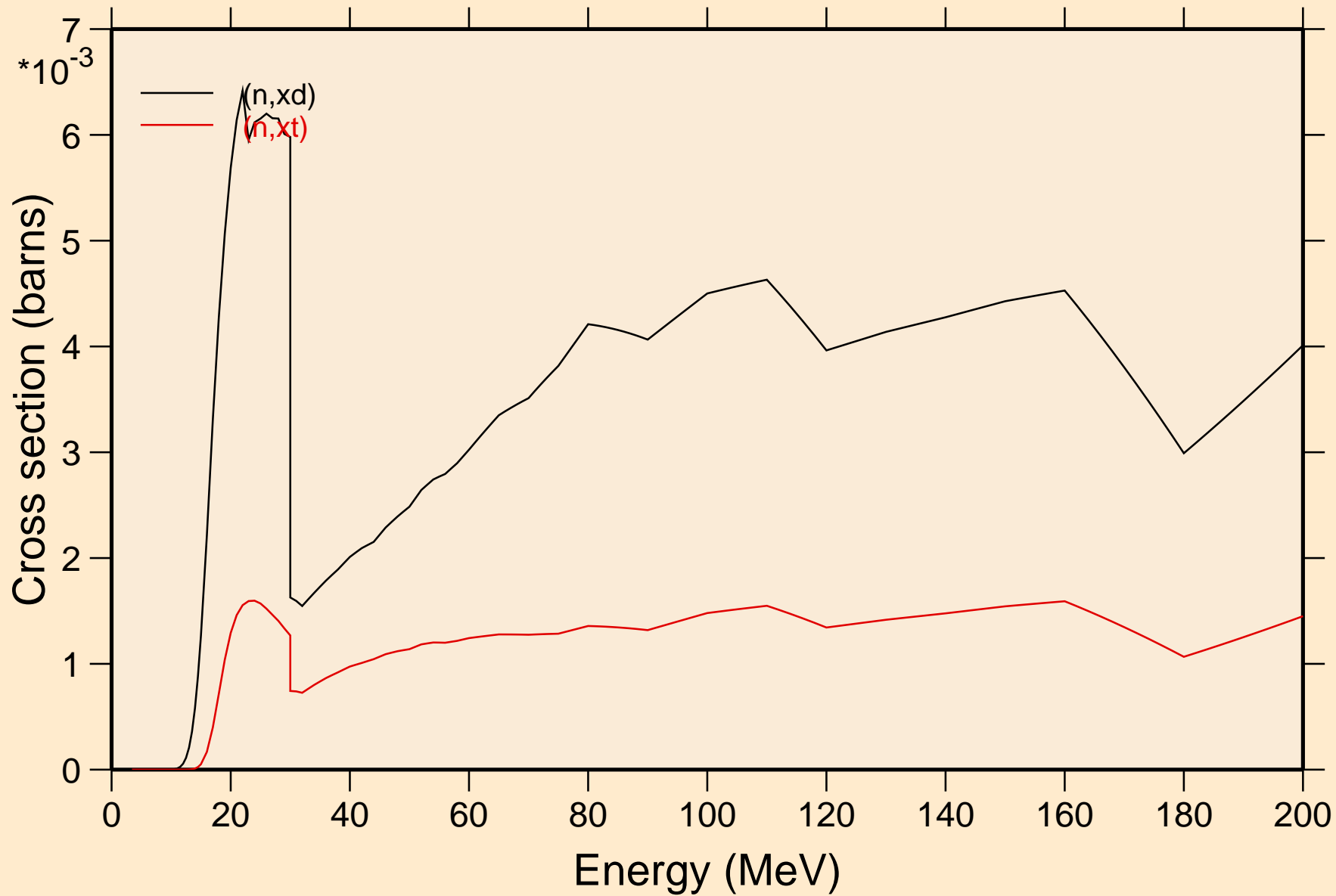
# CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

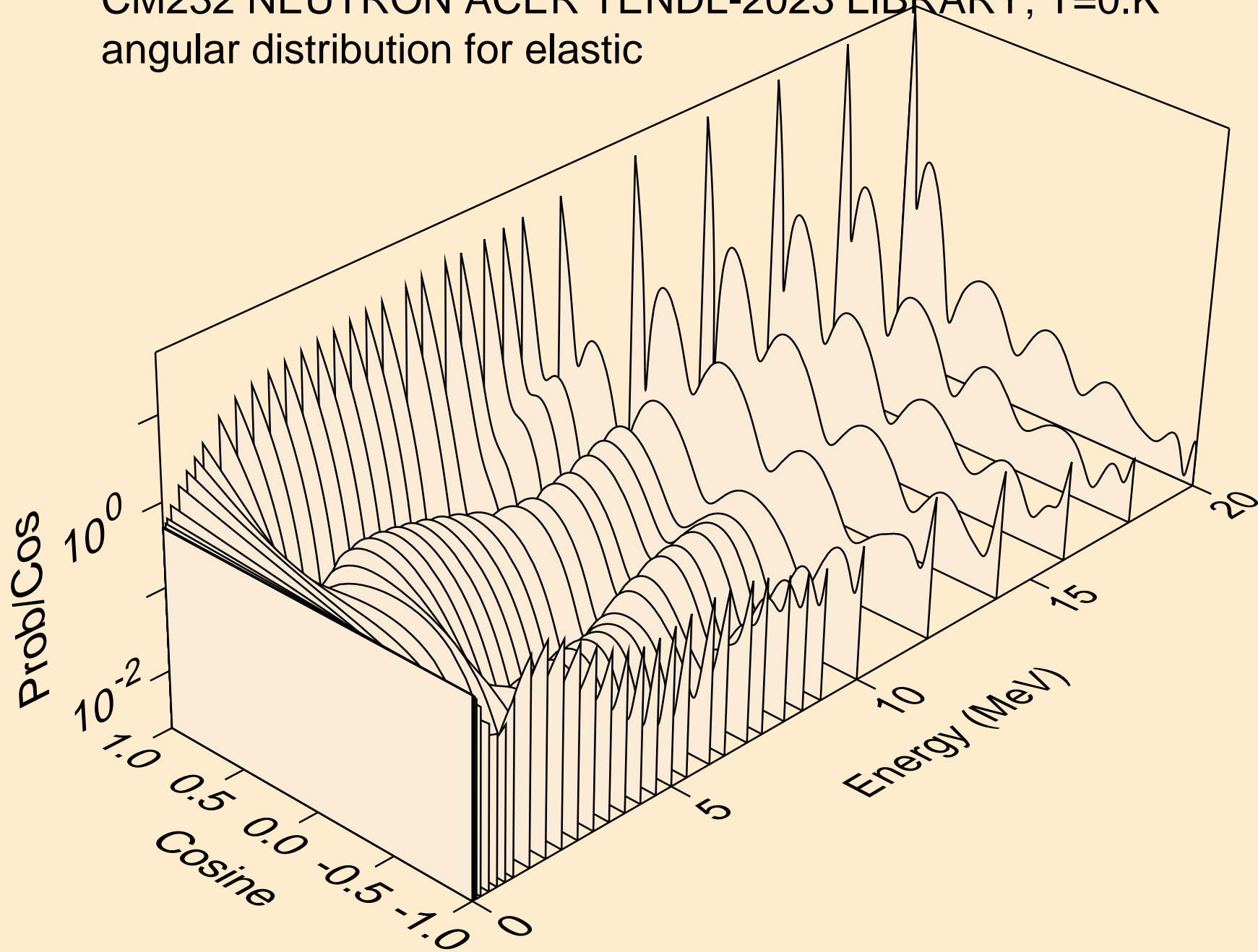


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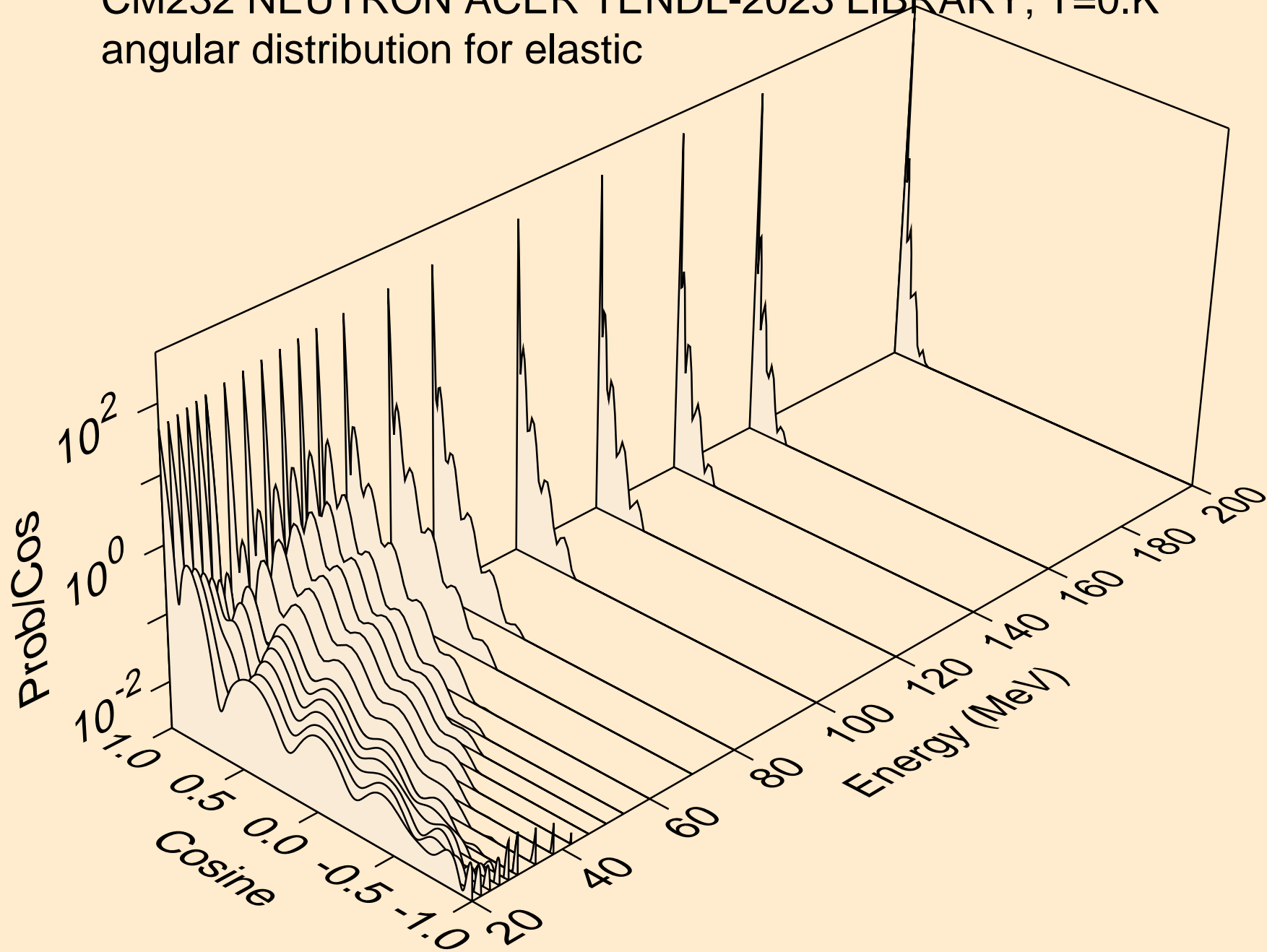
## Threshold reactions



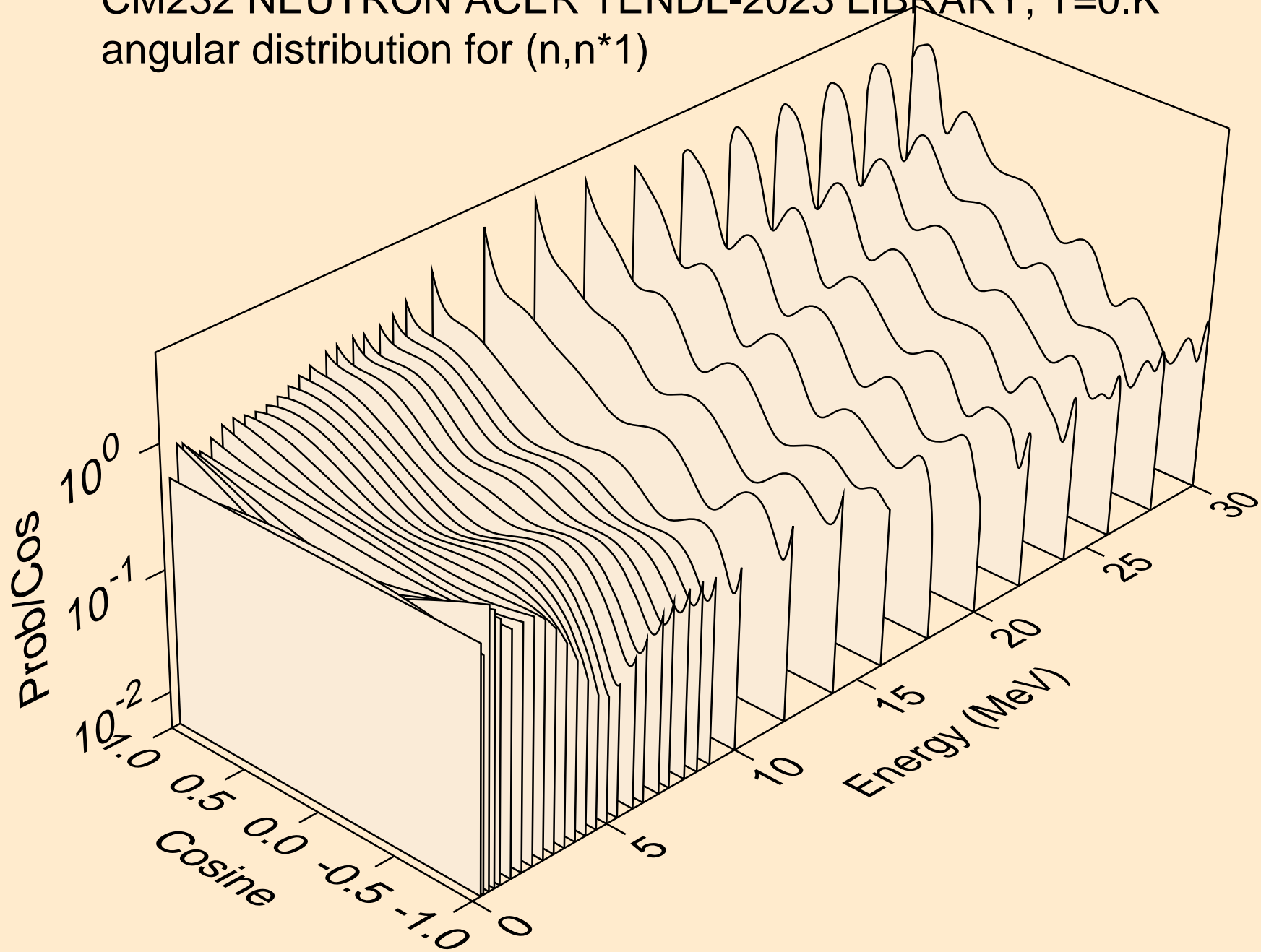
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



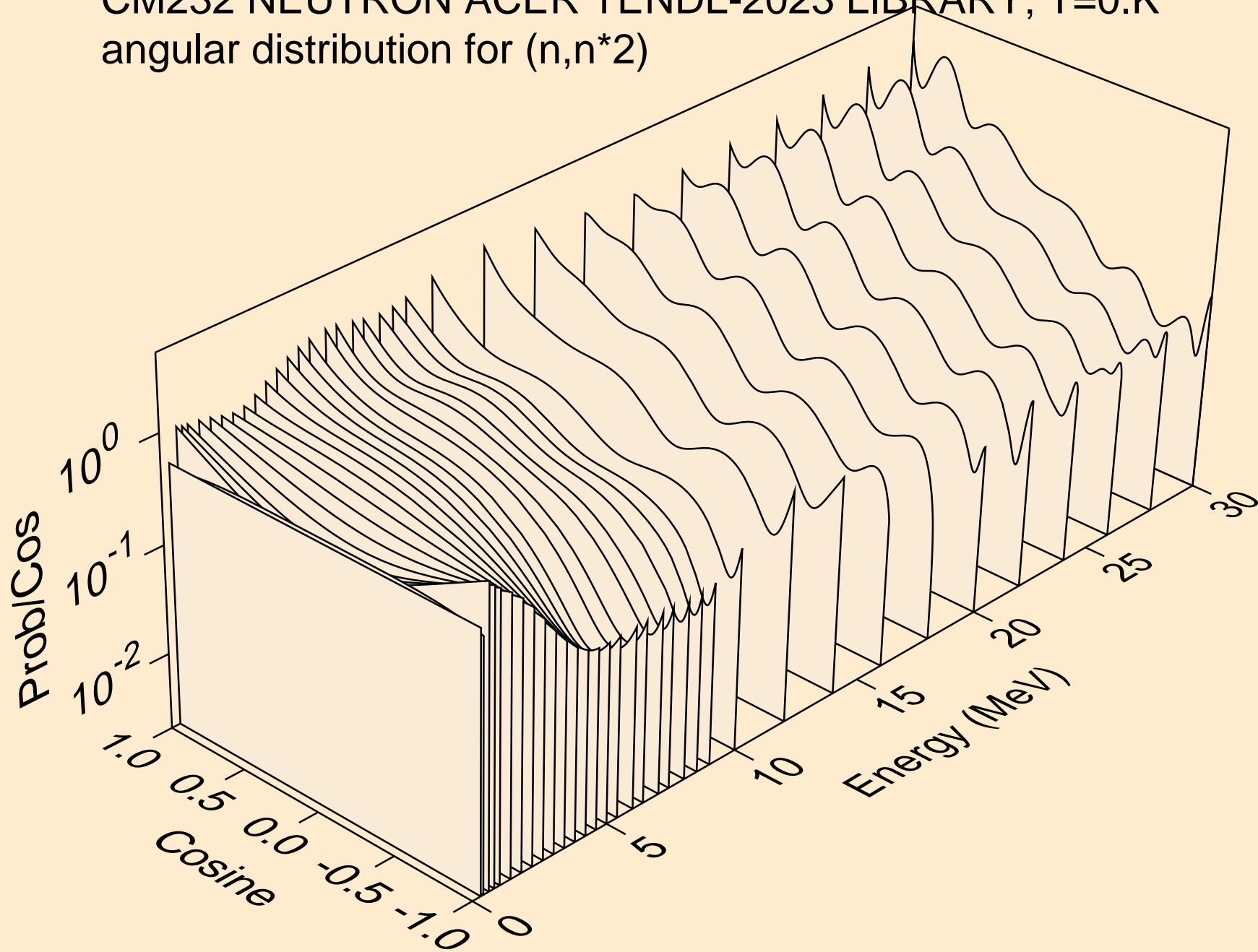
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angular distribution for elastic



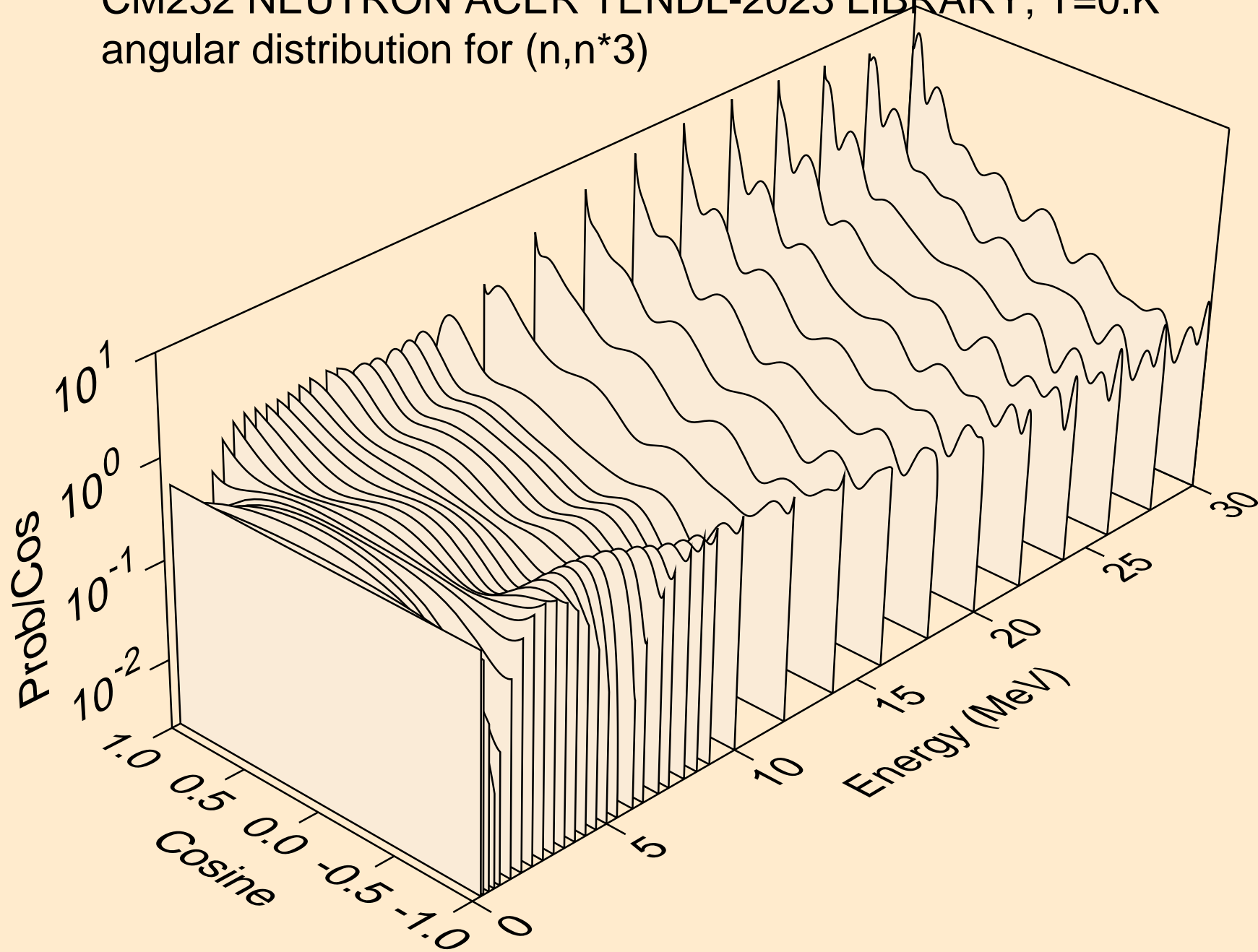
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



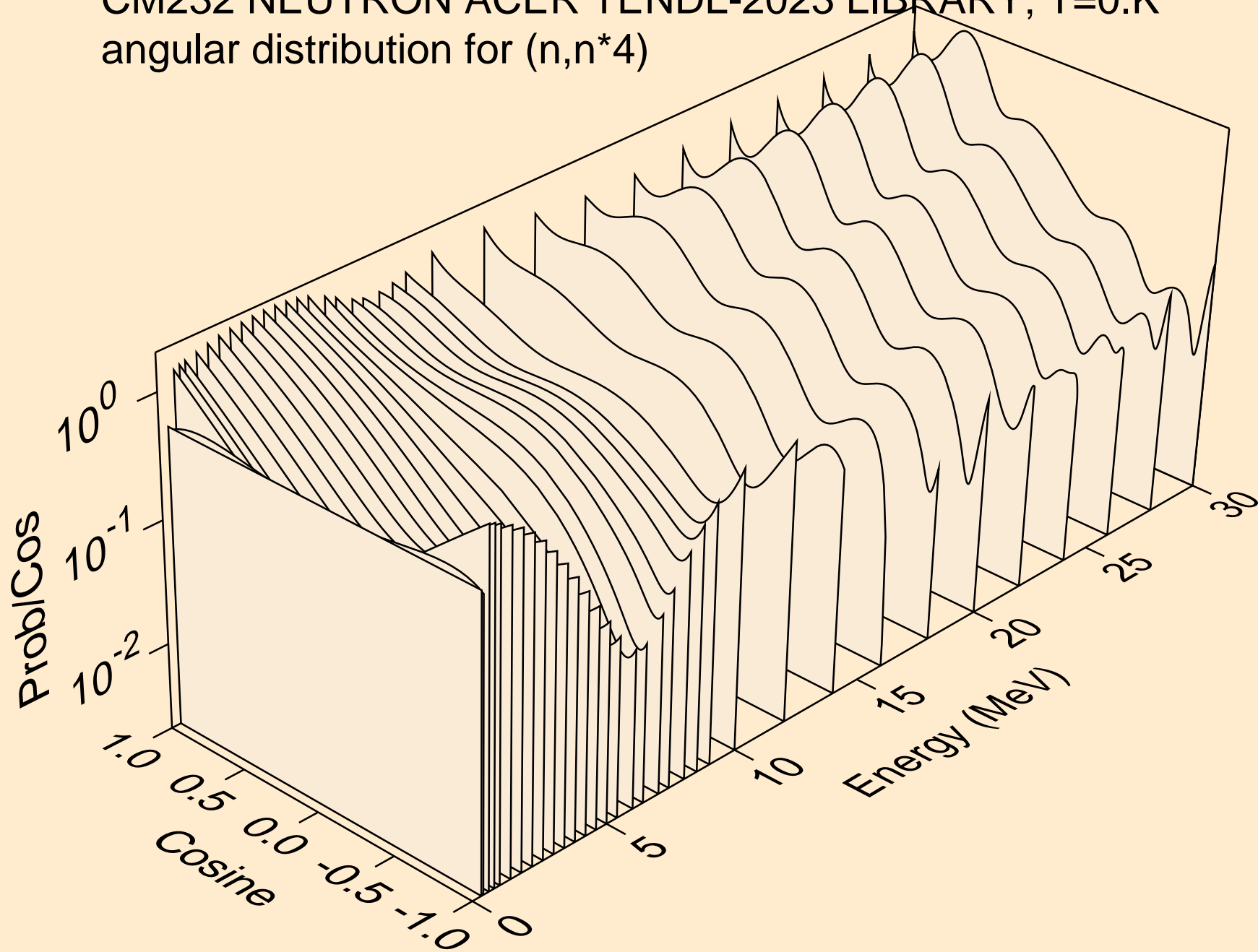
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angular distribution for (n,n\*2)



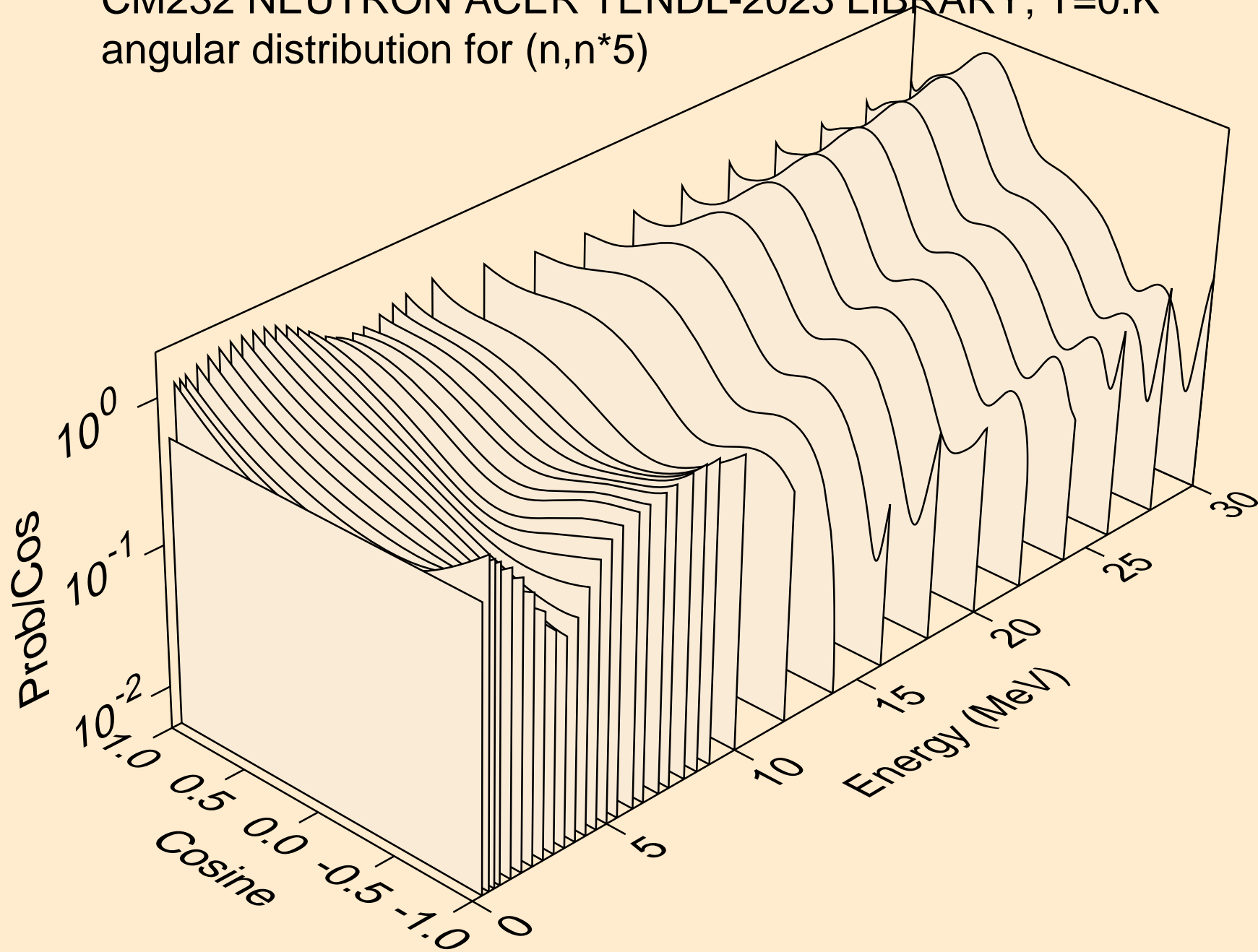
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angular distribution for (n,n\*3)



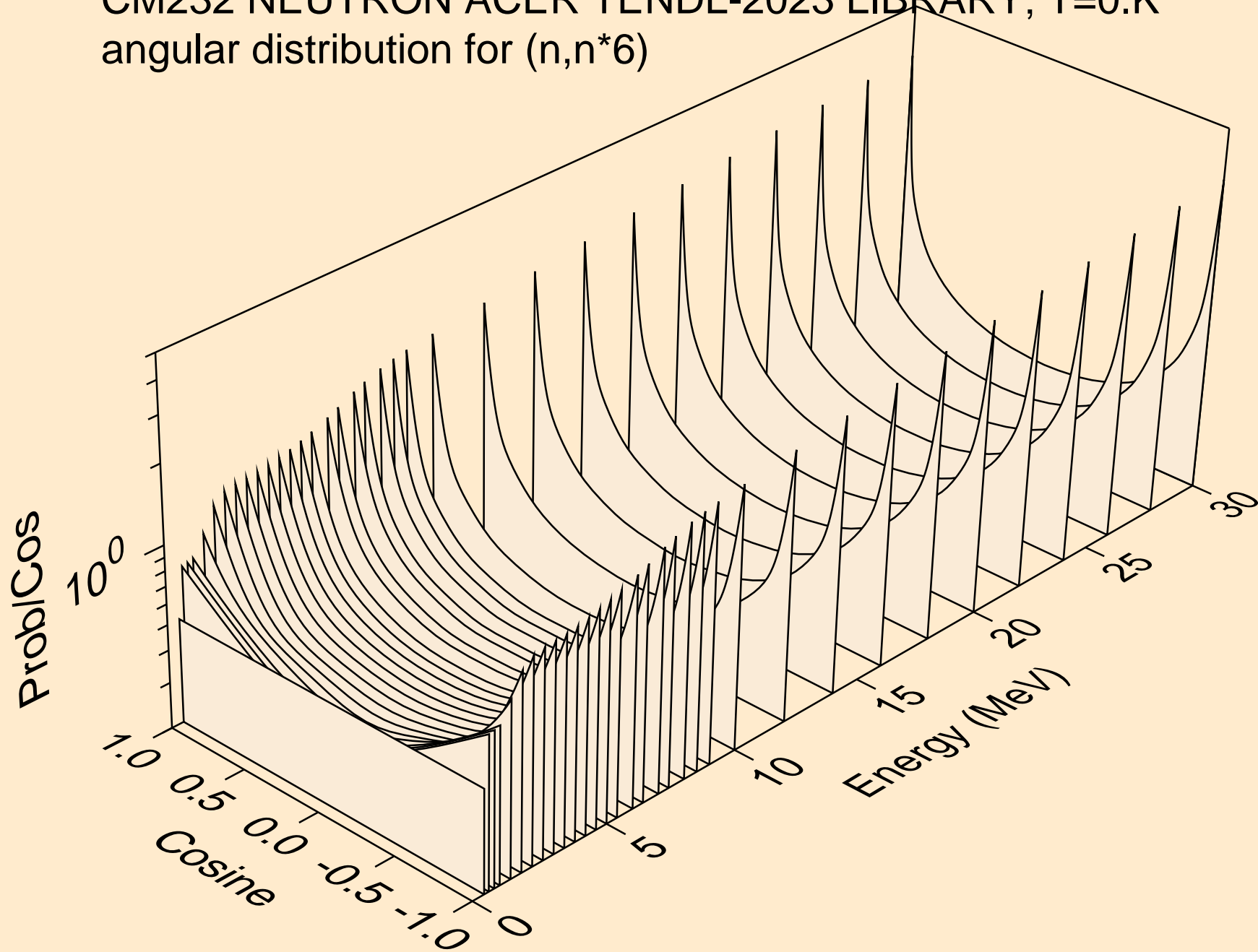
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angular distribution for (n,n\*4)



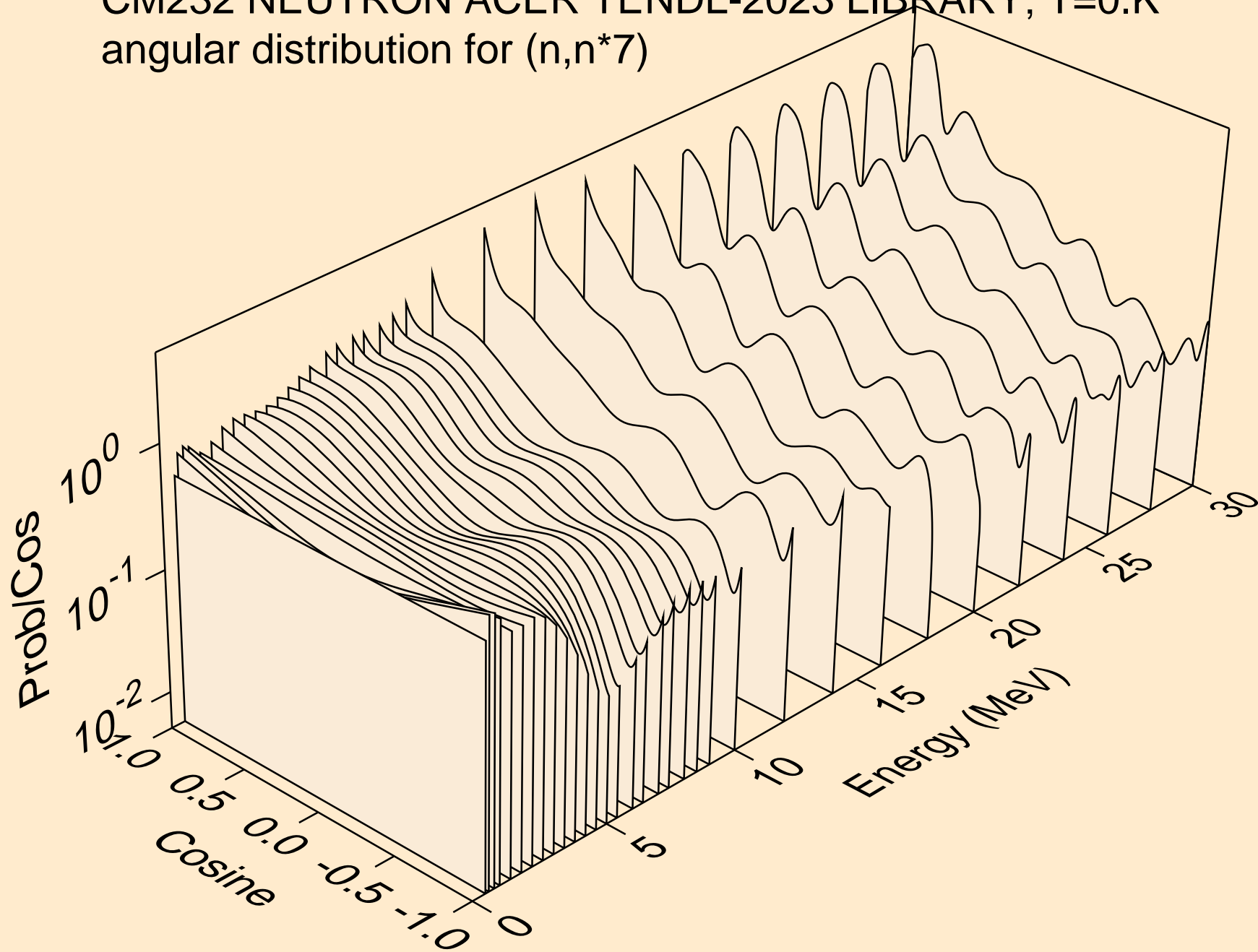
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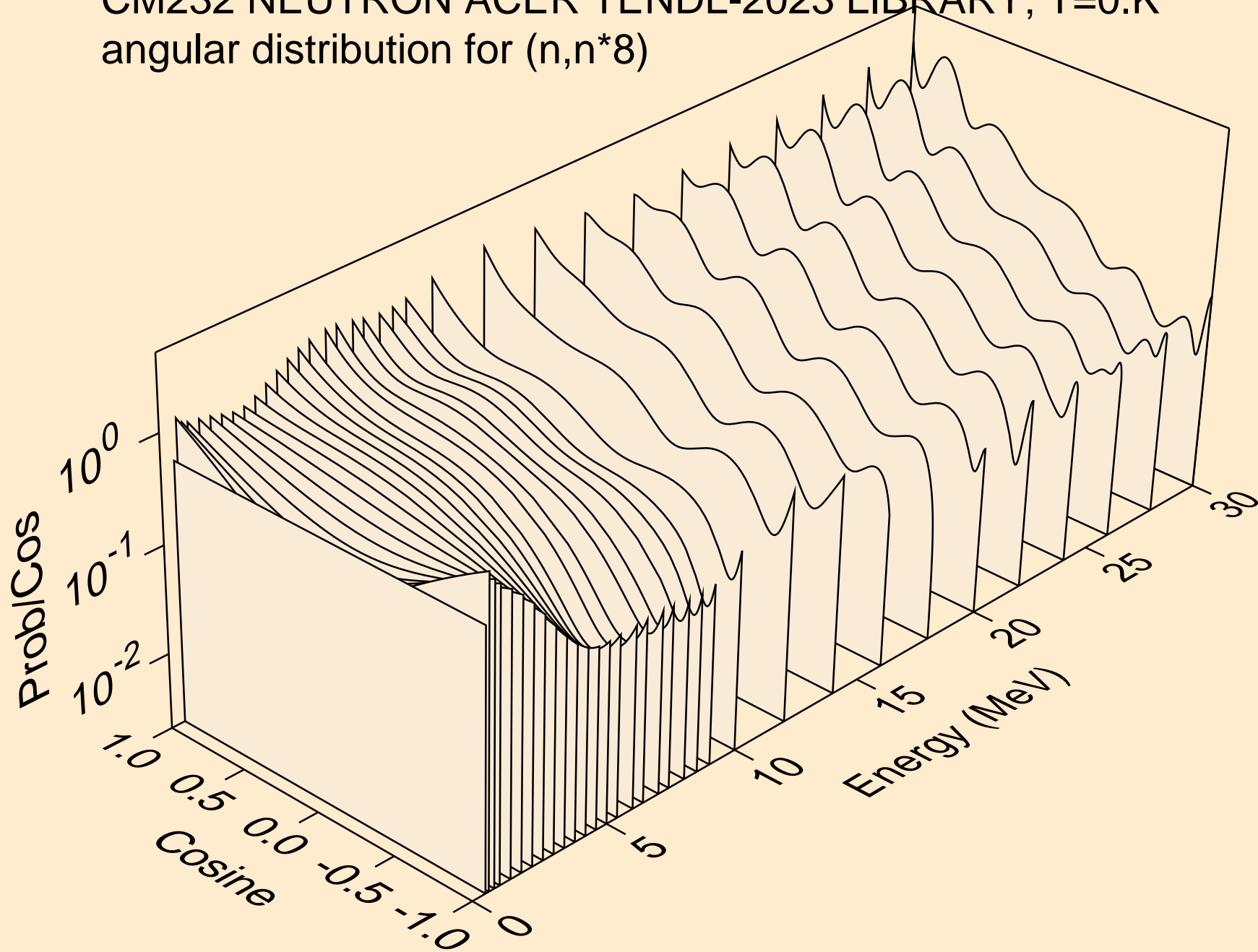
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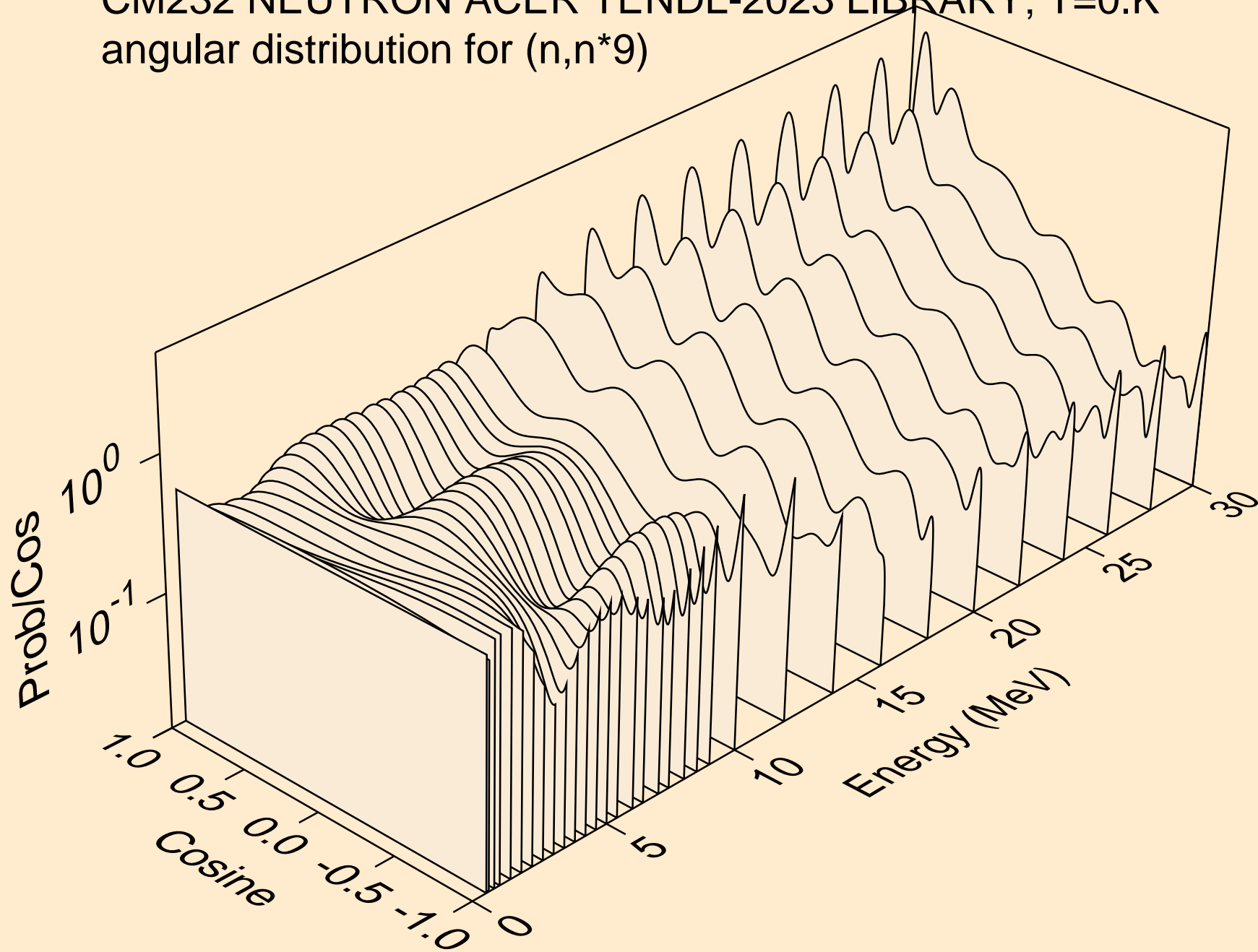
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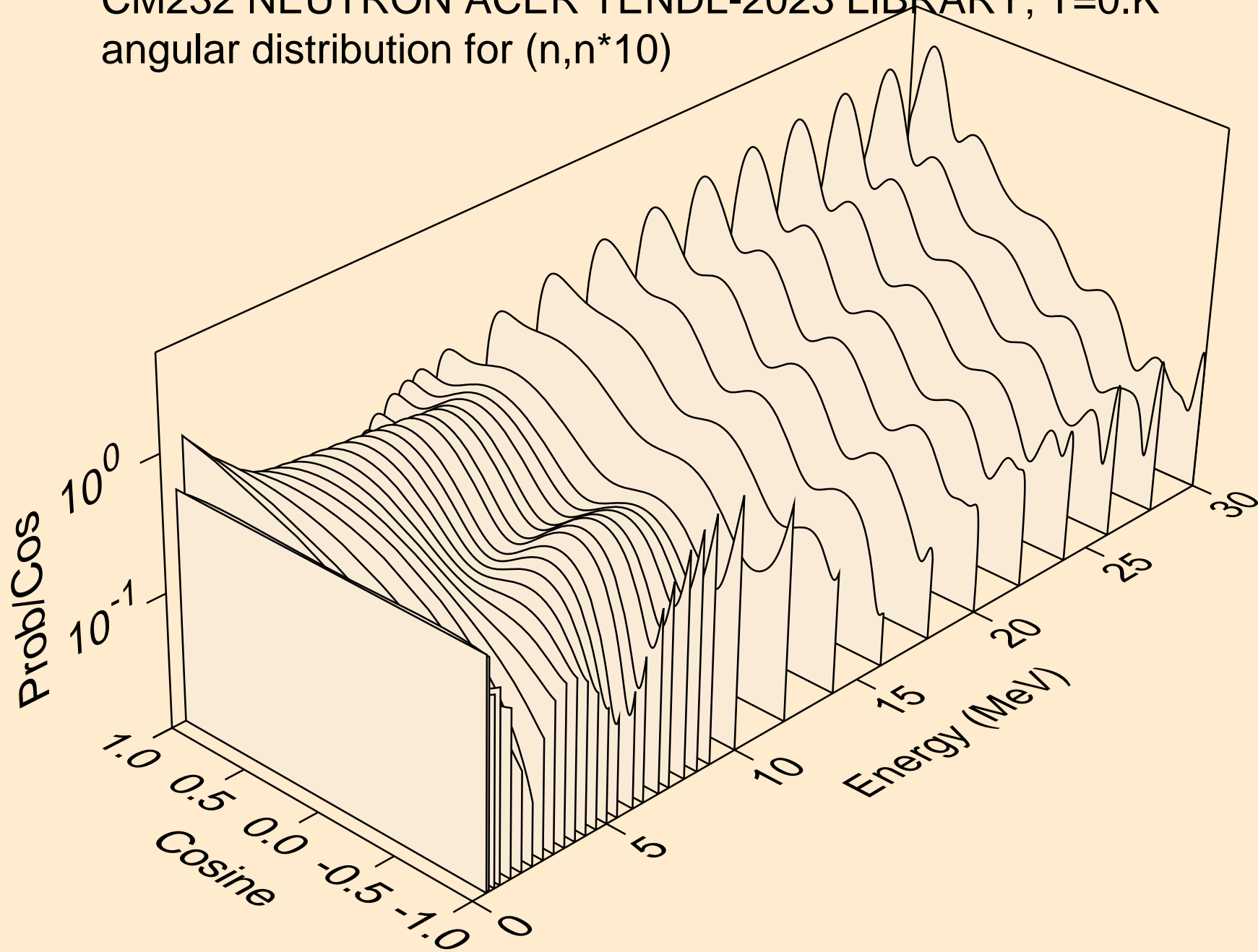
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angular distribution for (n,n\*8)



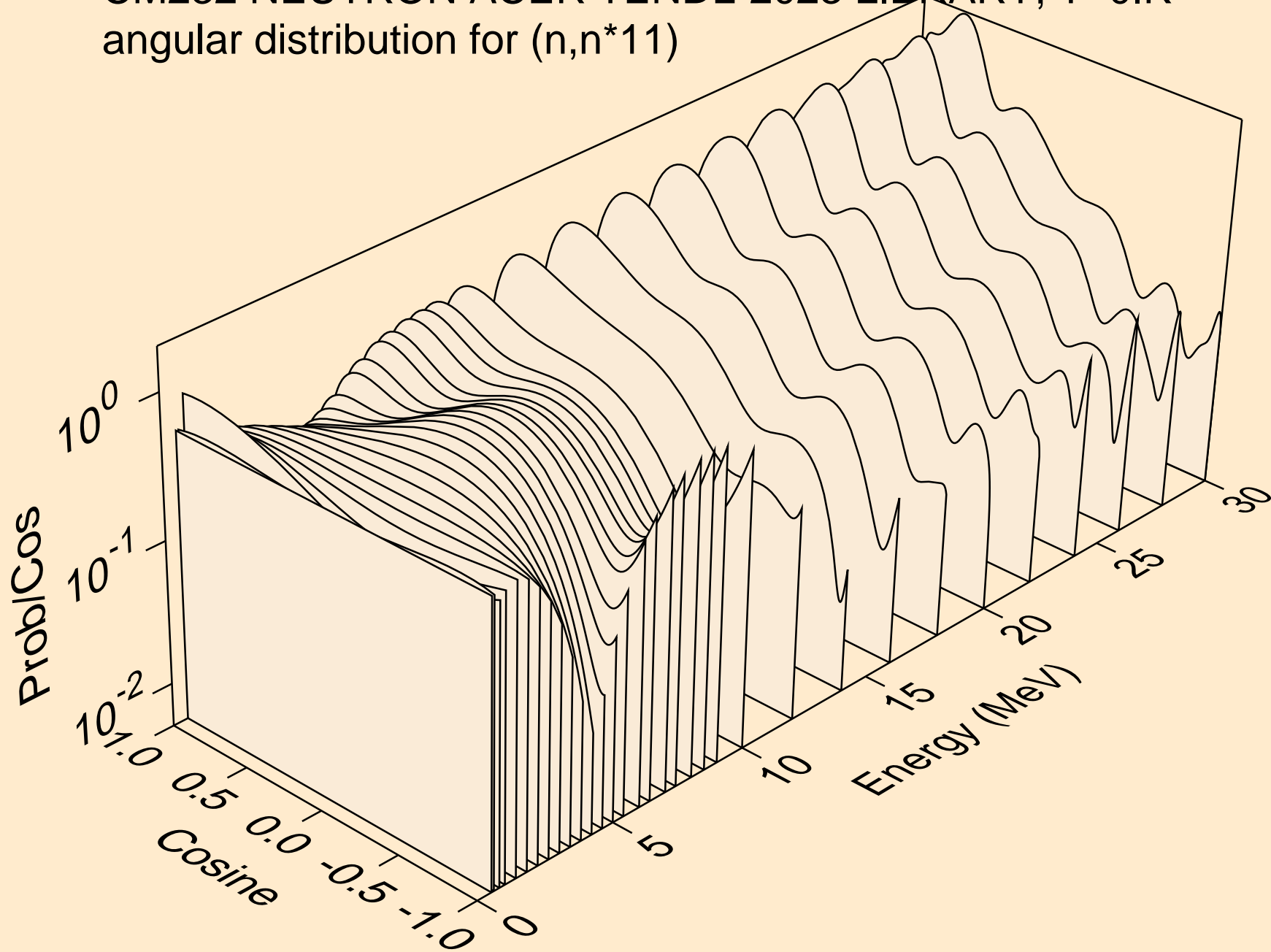
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angular distribution for (n,n\*9)



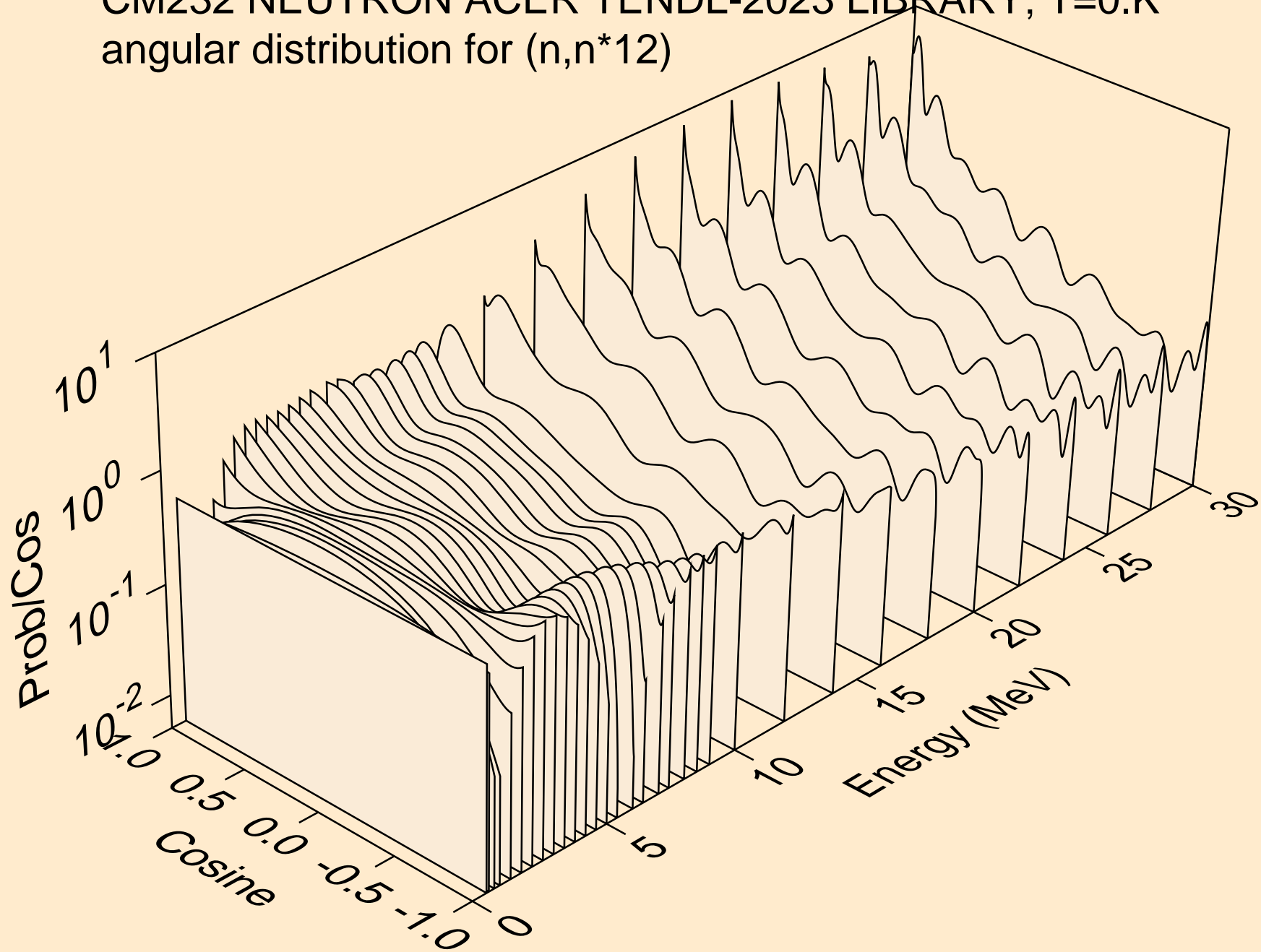
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

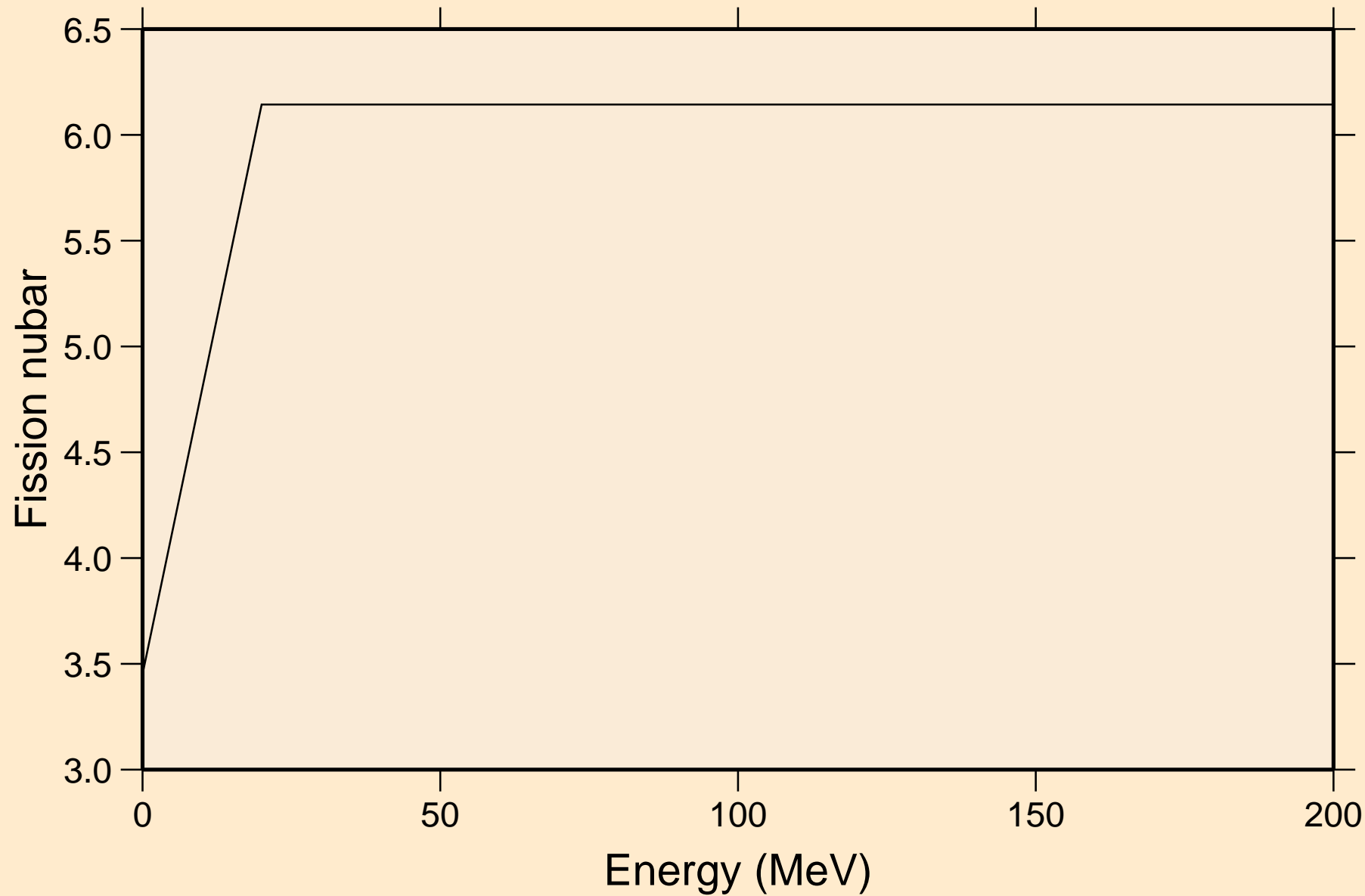


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angular distribution for (n,n\*12)

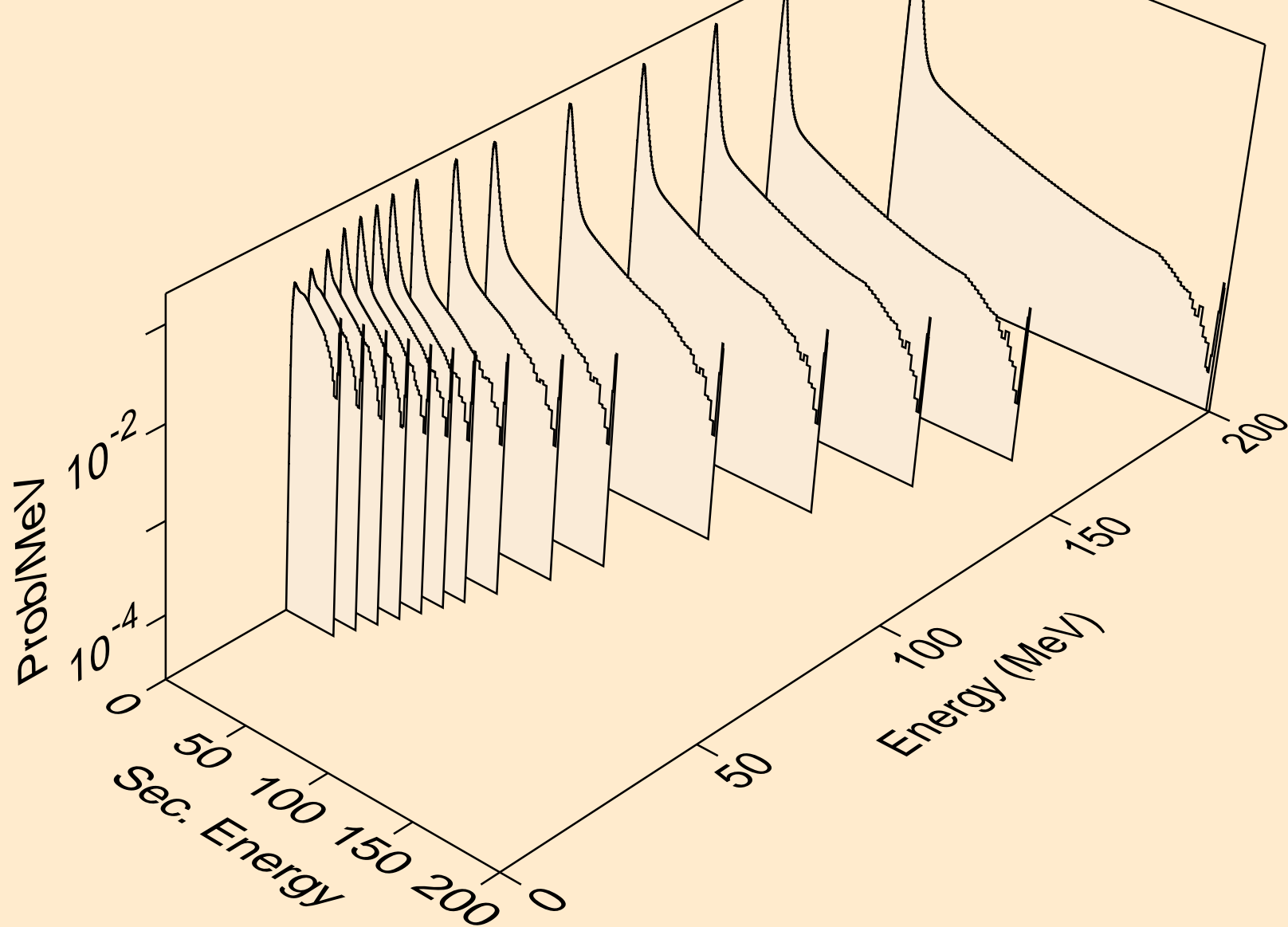


# CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

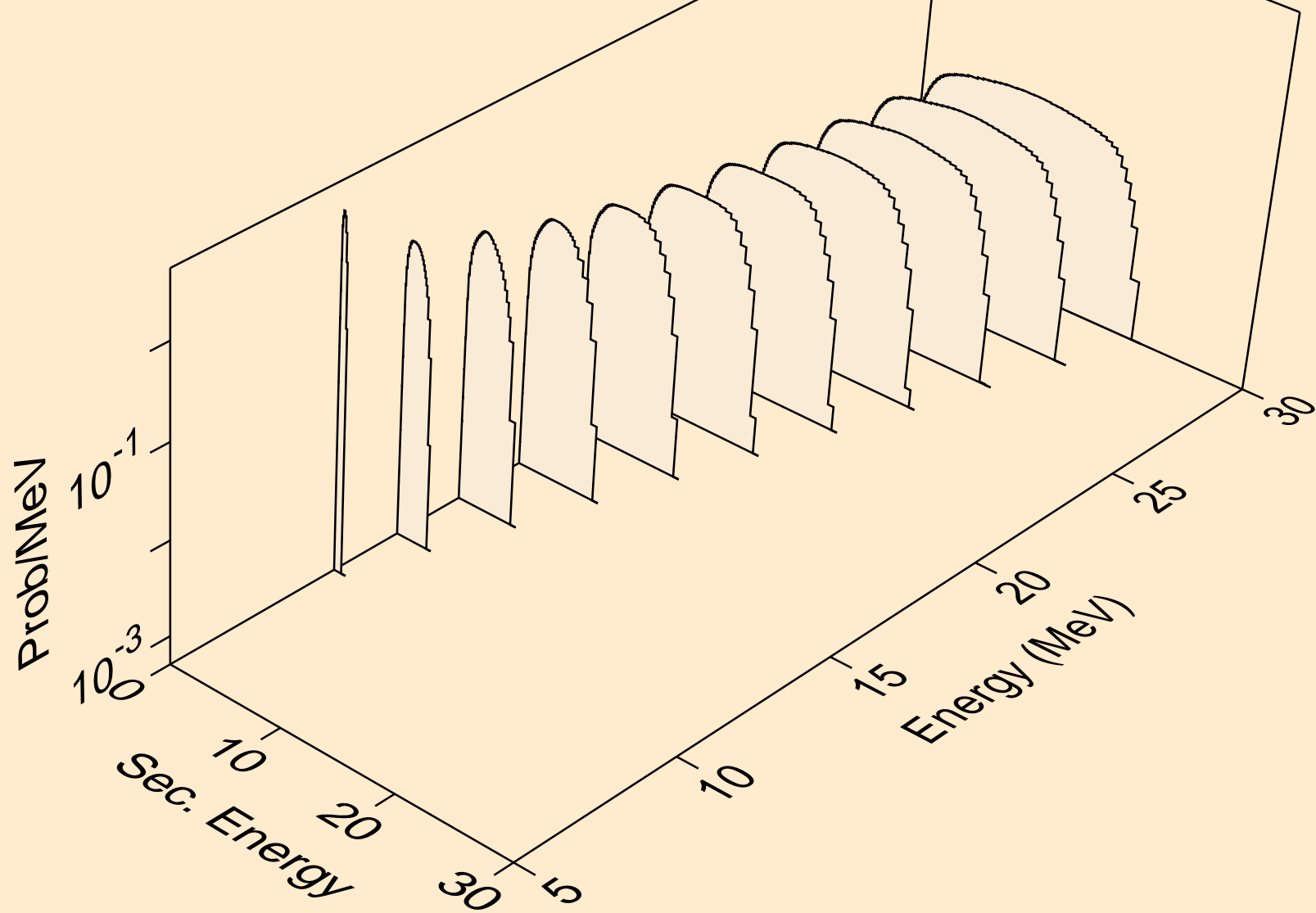
Total fission nubar



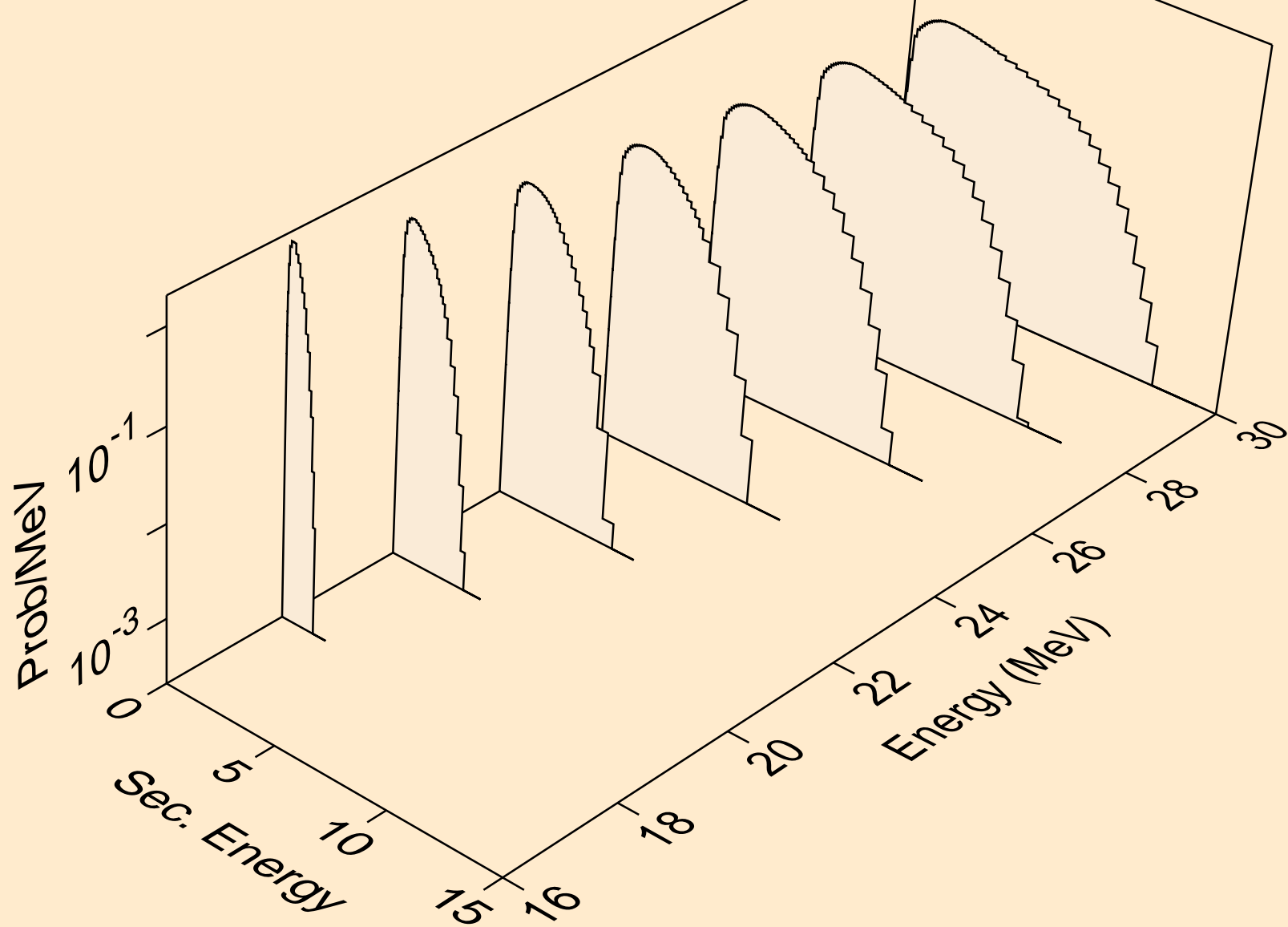
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



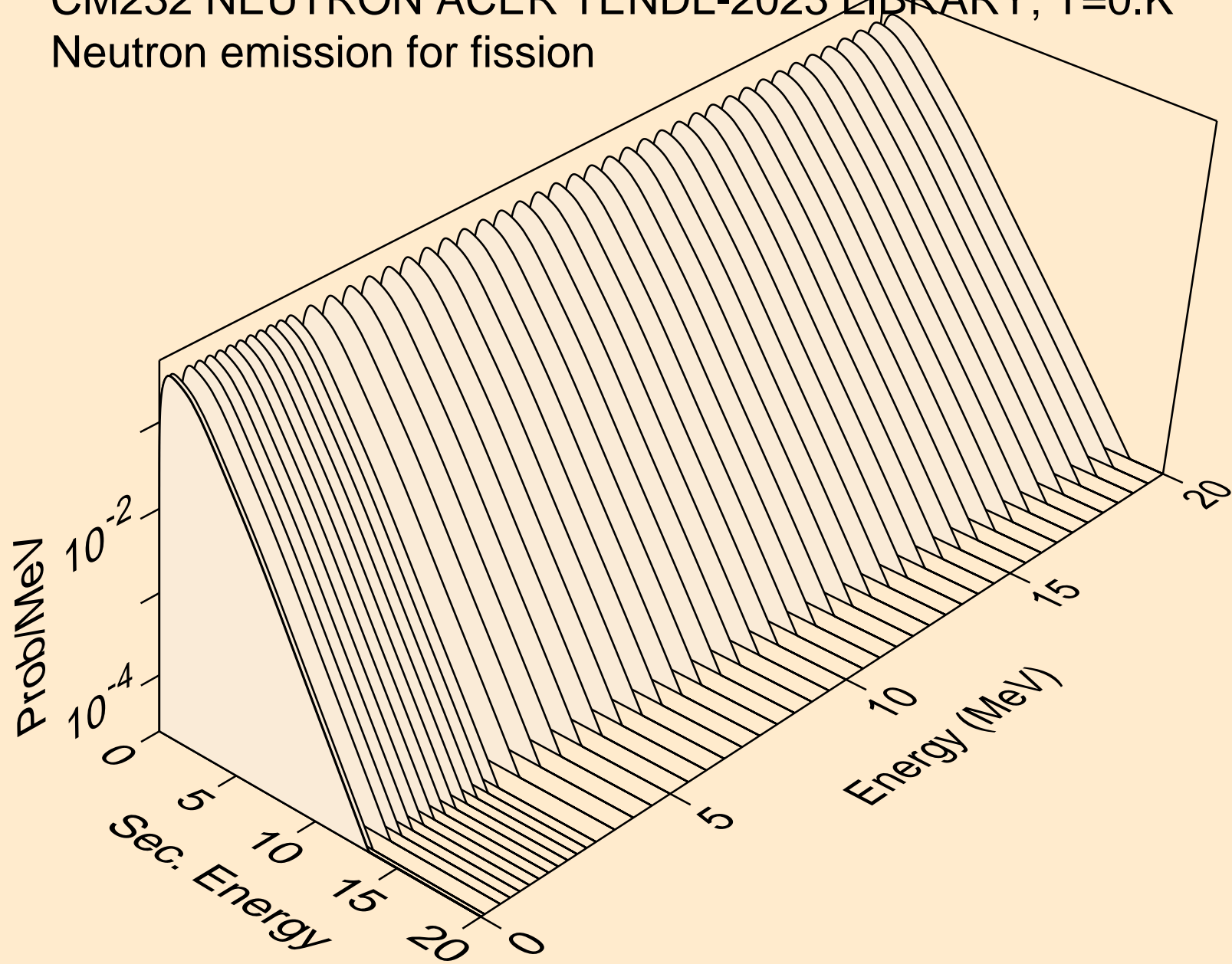
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



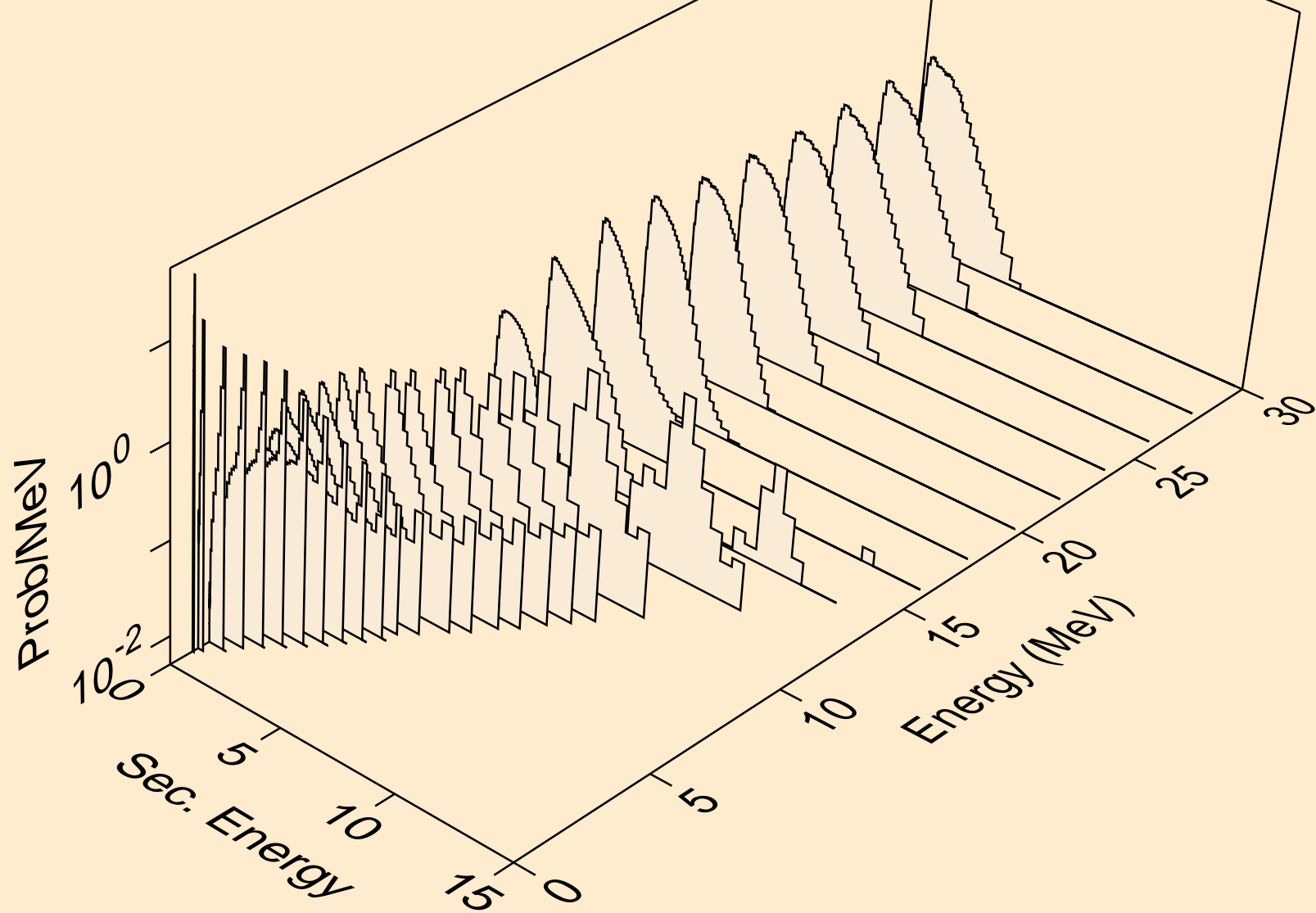
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



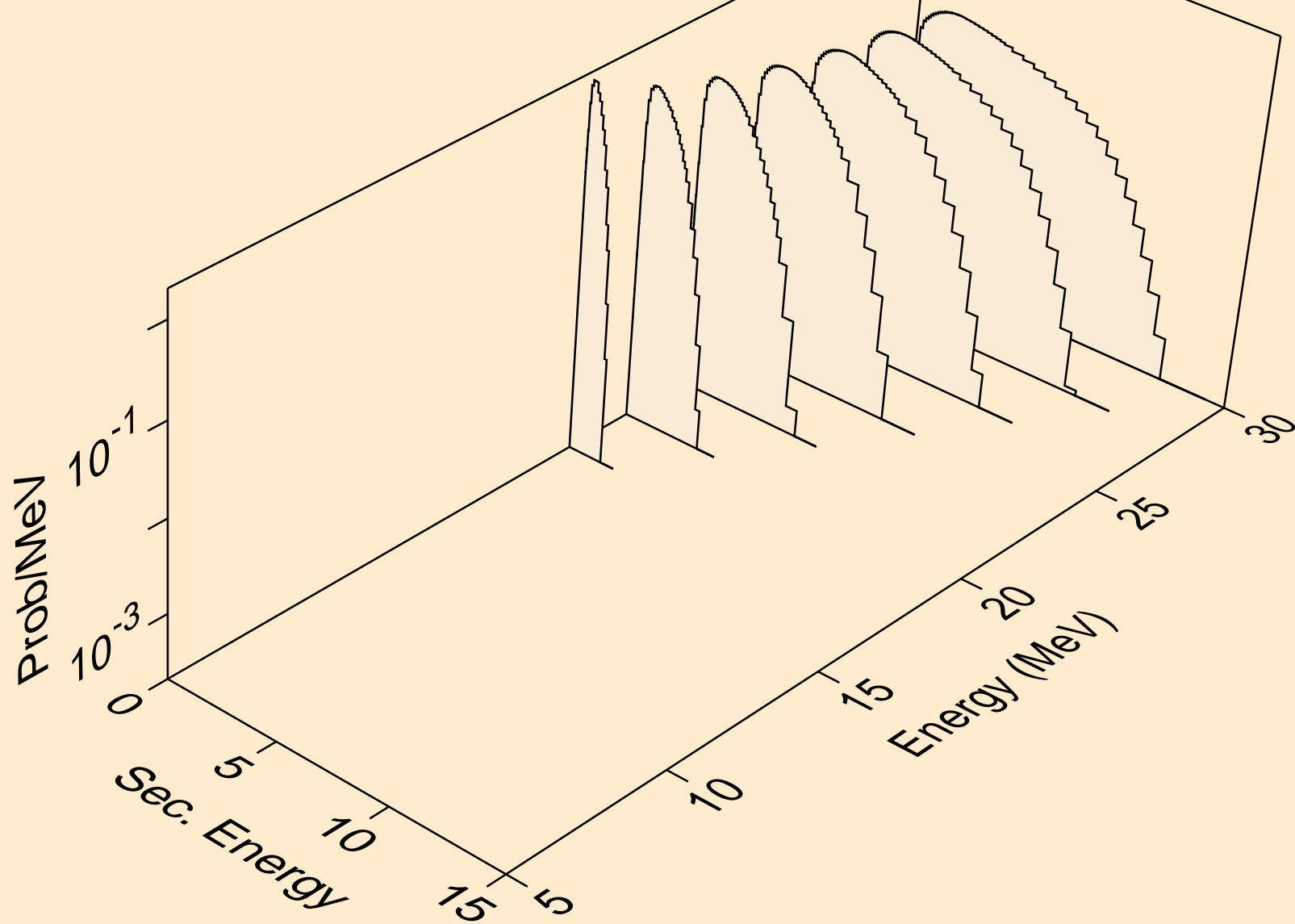
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for fission



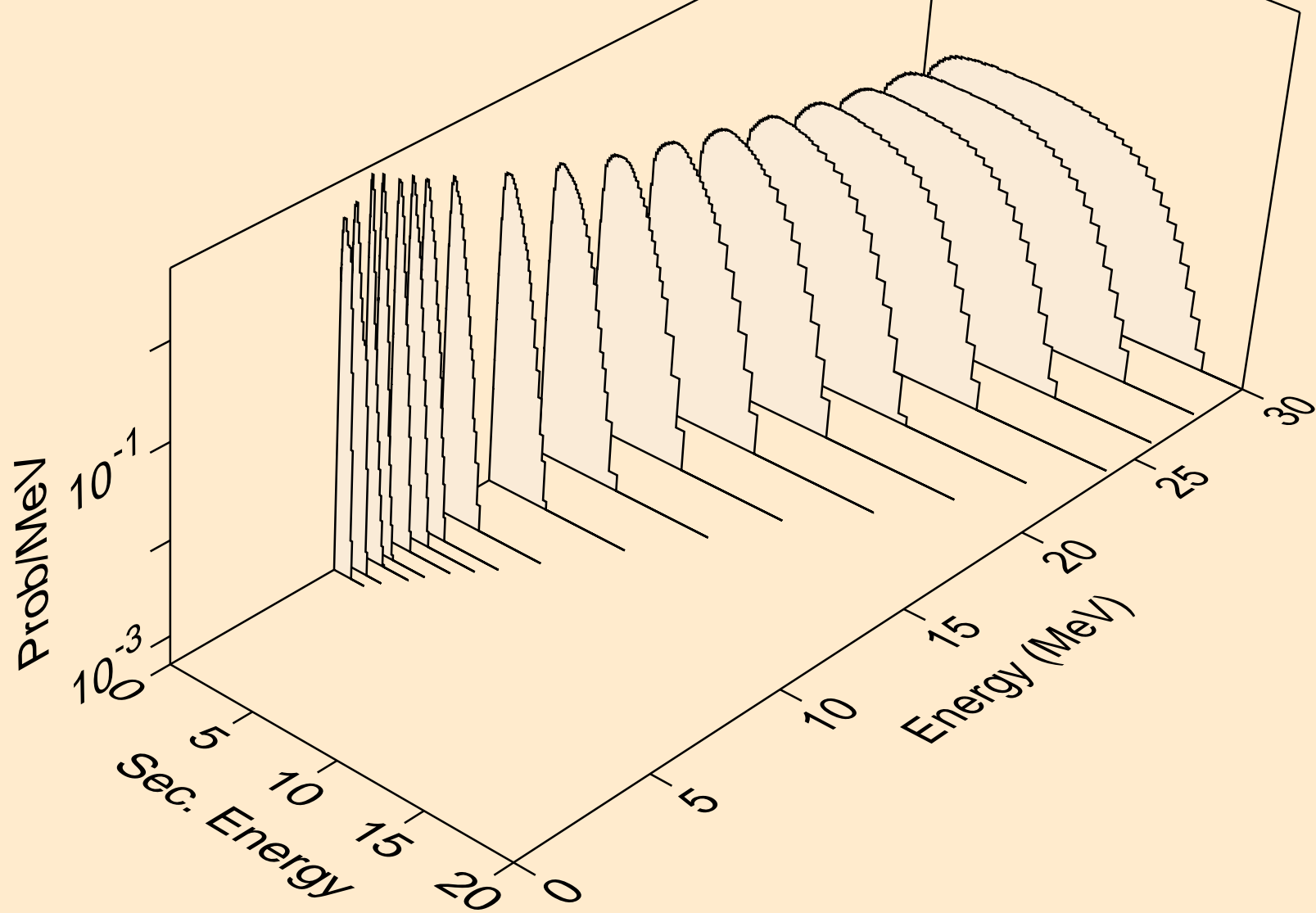
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



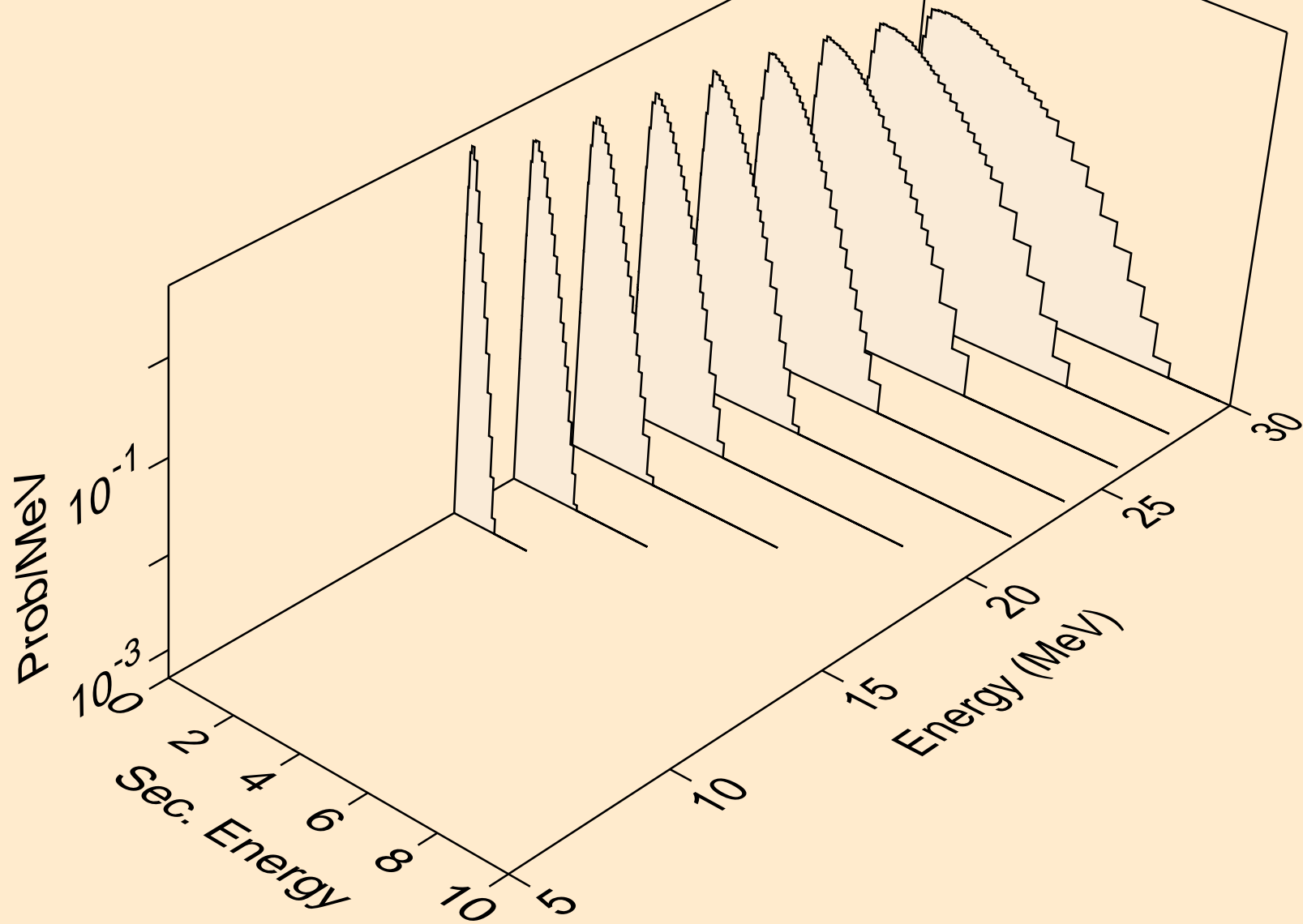
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Neutron emission for (n,3n)a



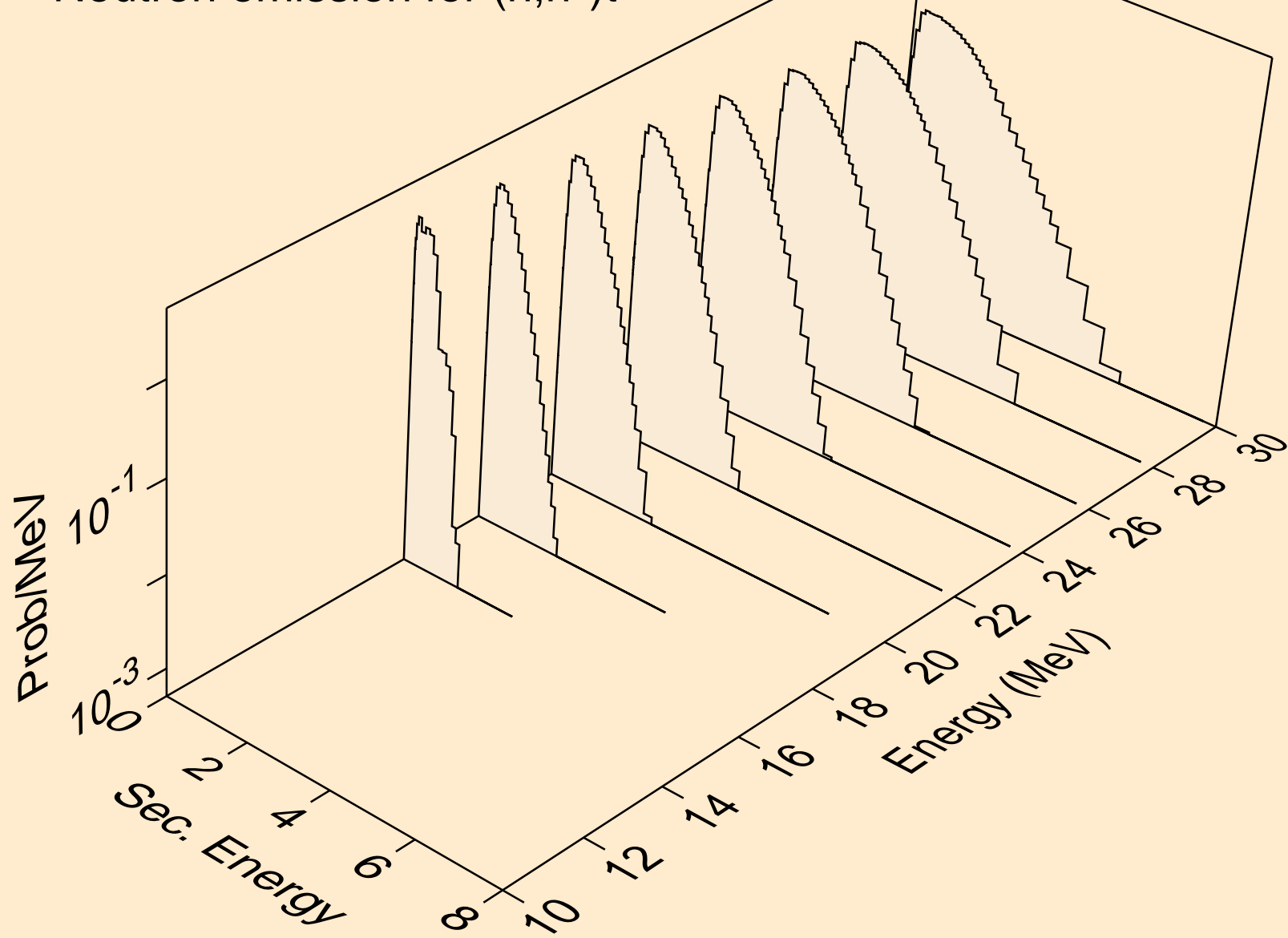
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



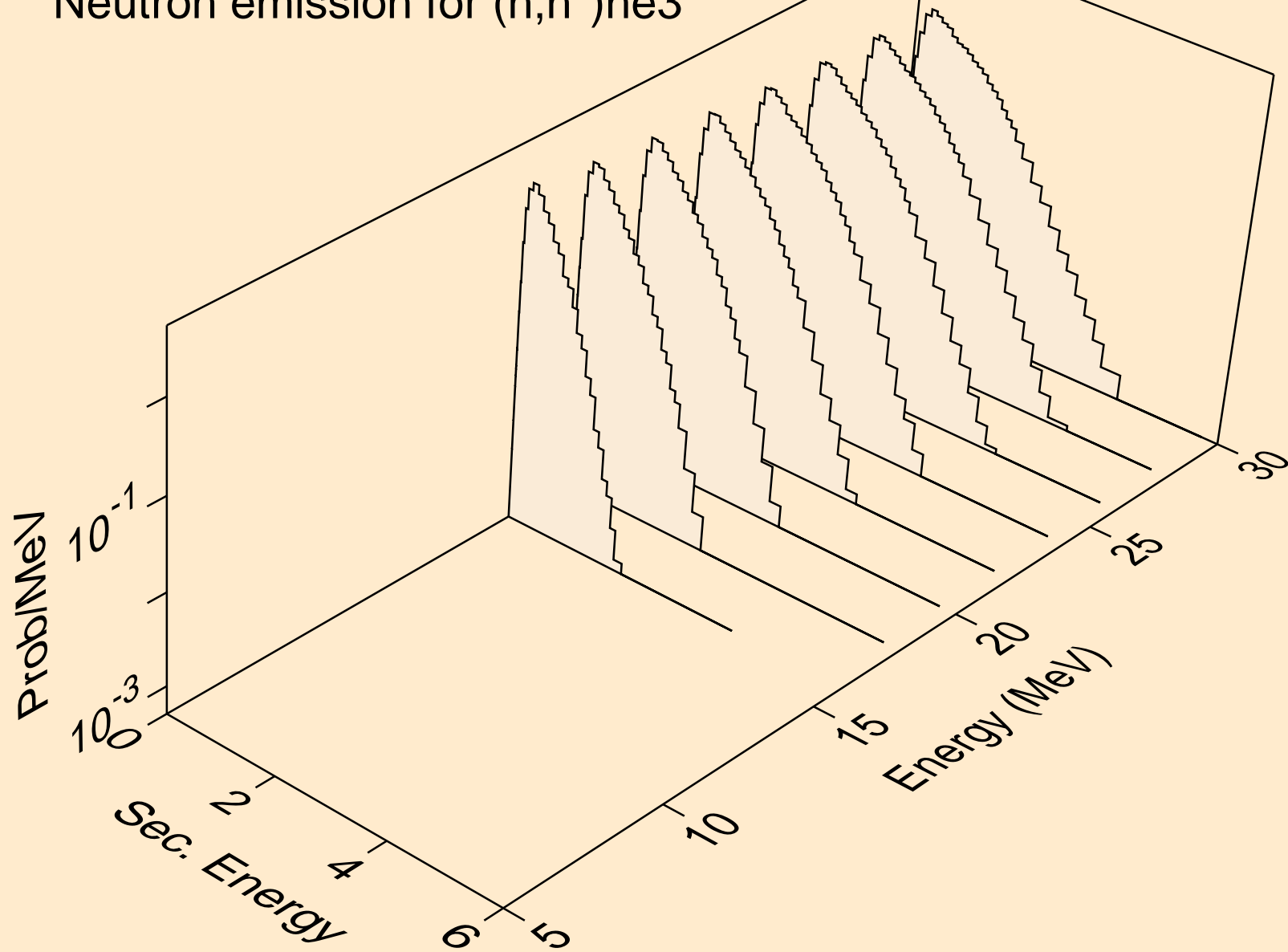
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Neutron emission for (n,n\*)d



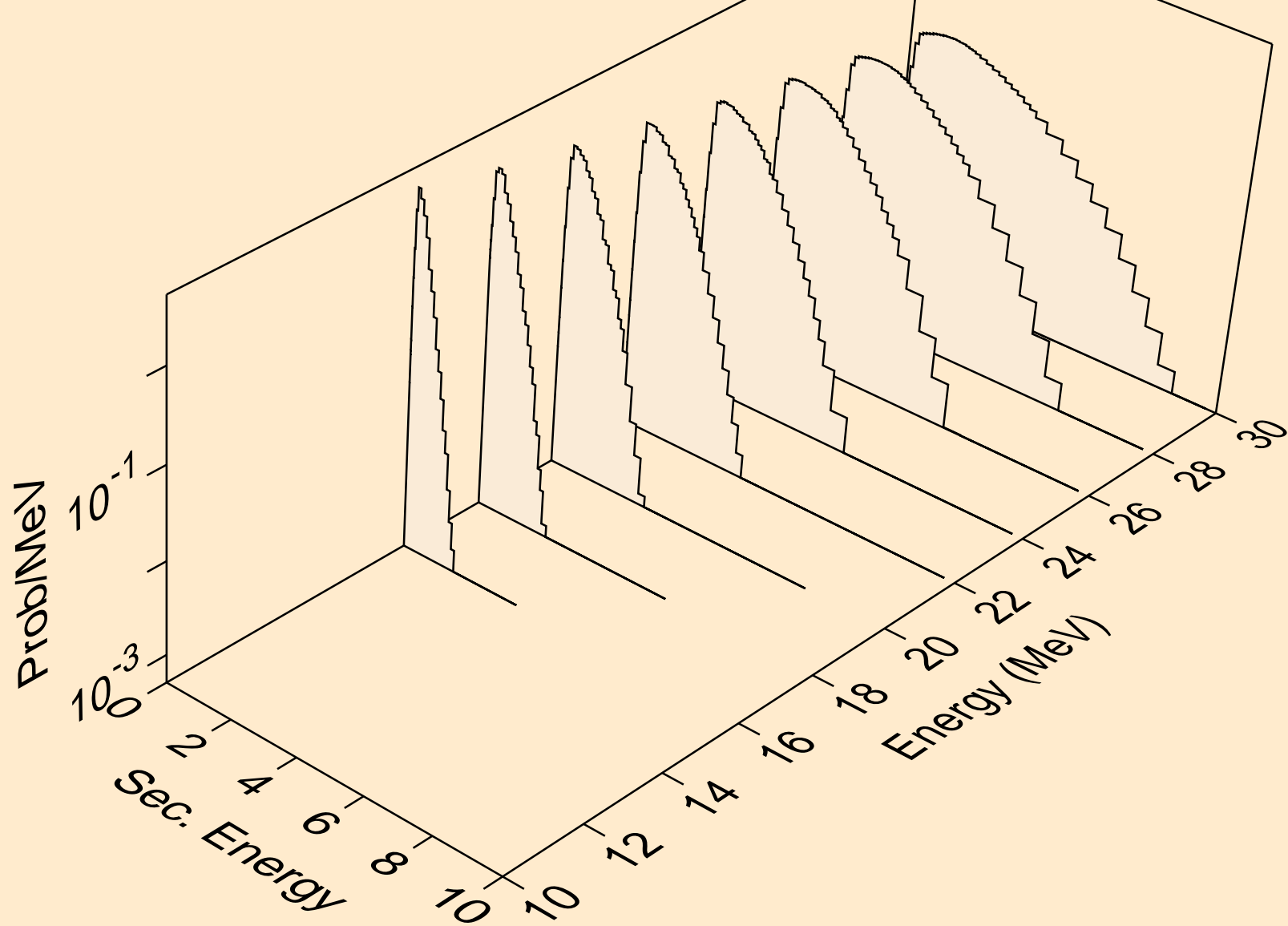
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



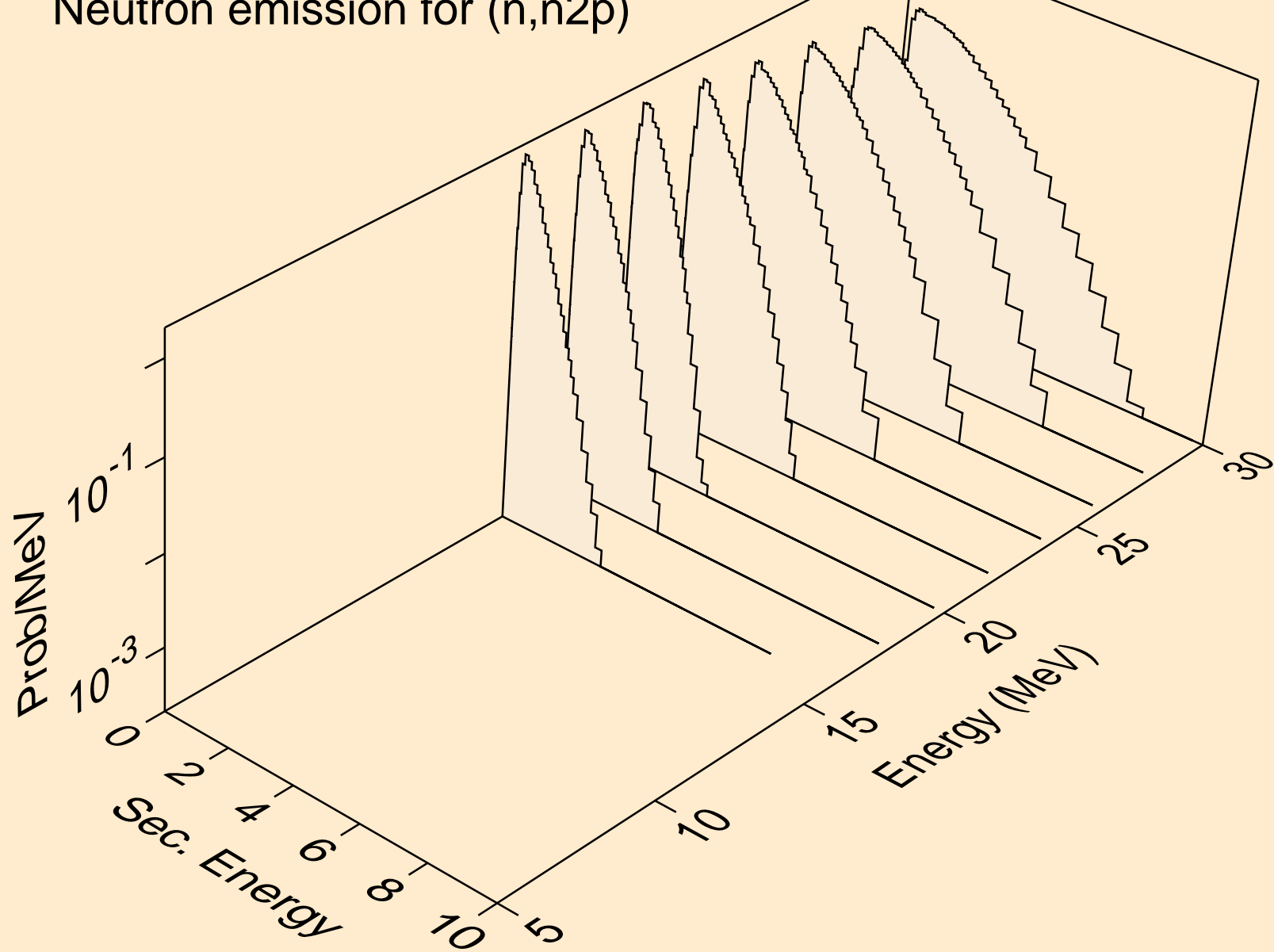
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



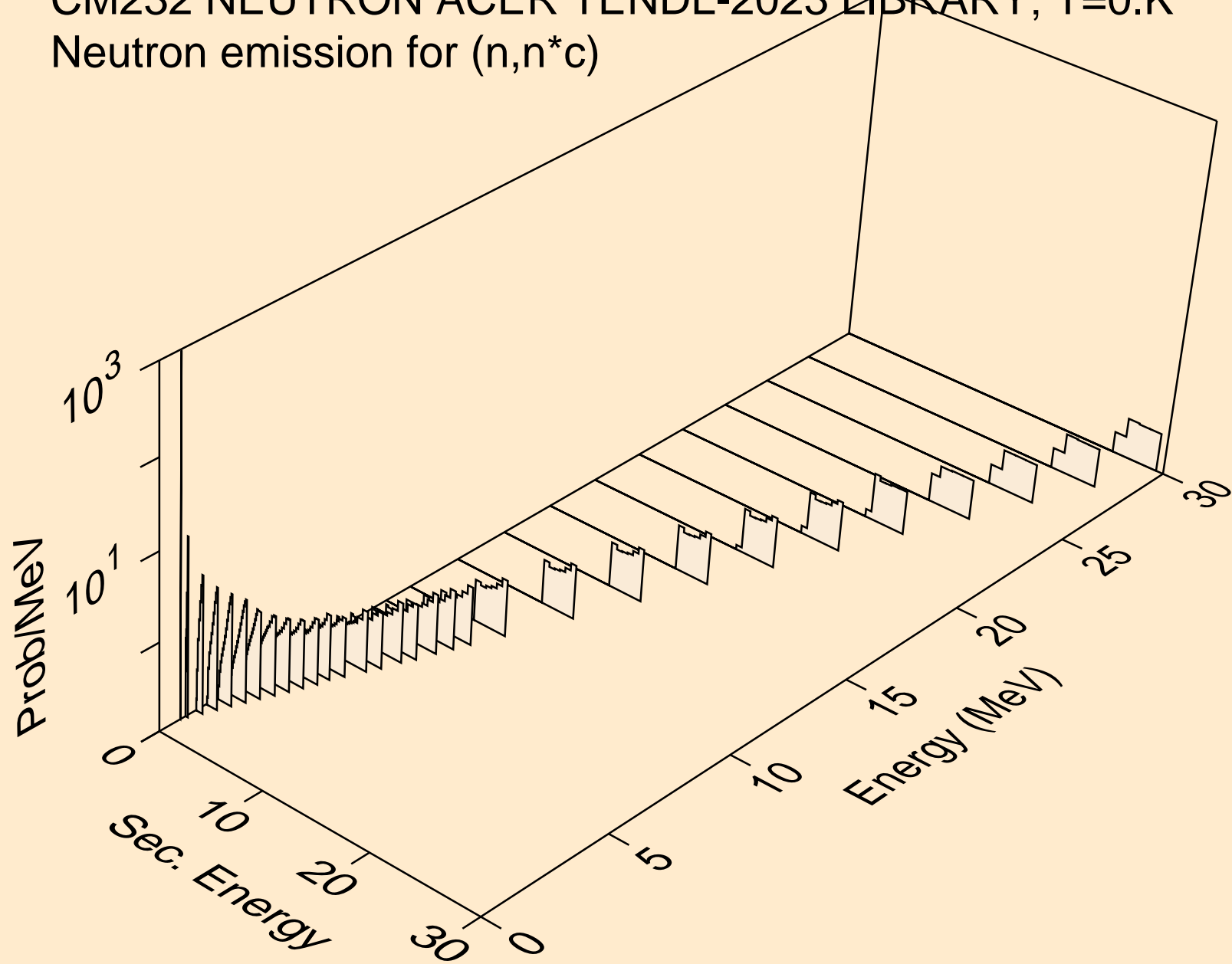
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

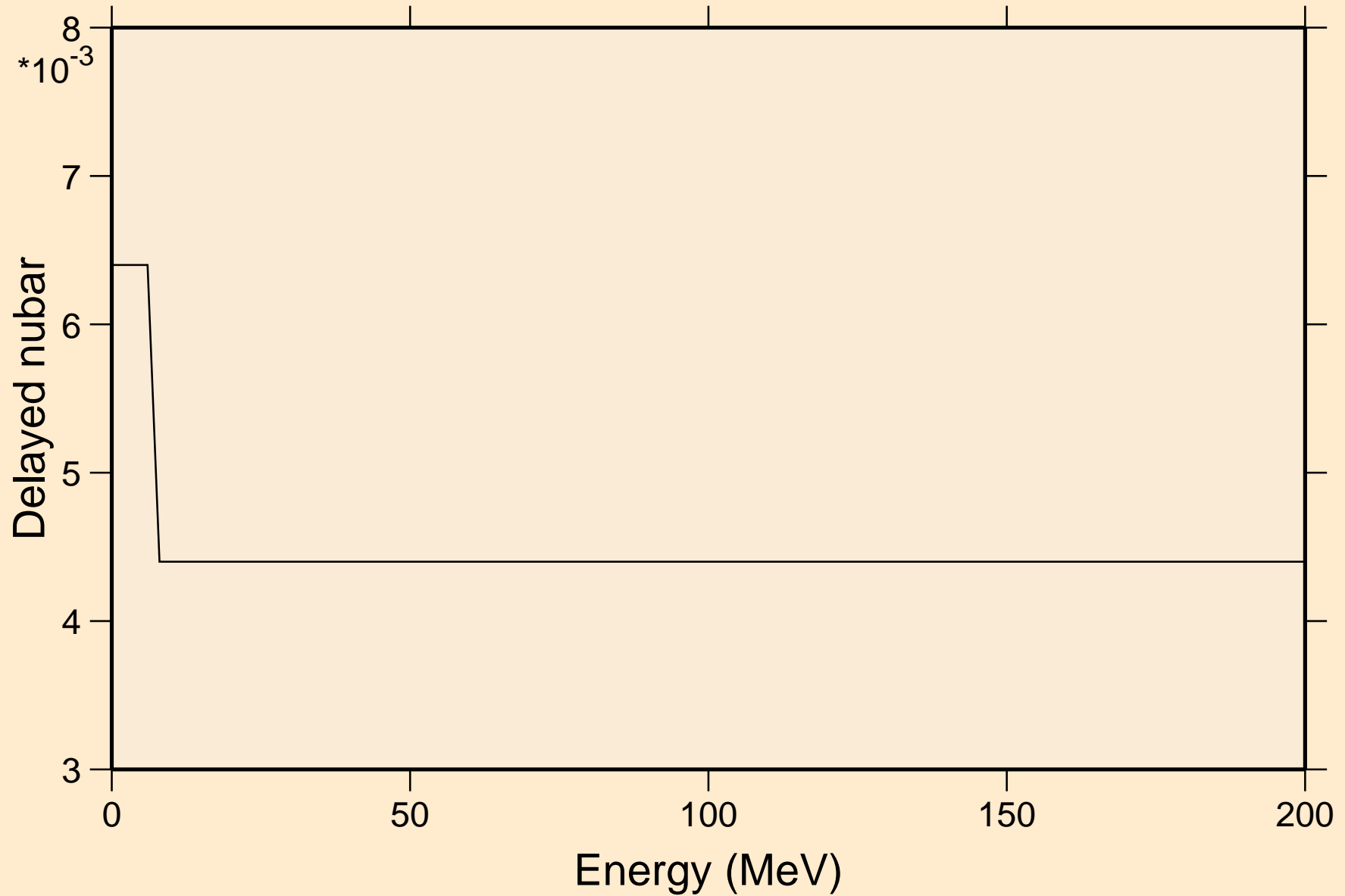


CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



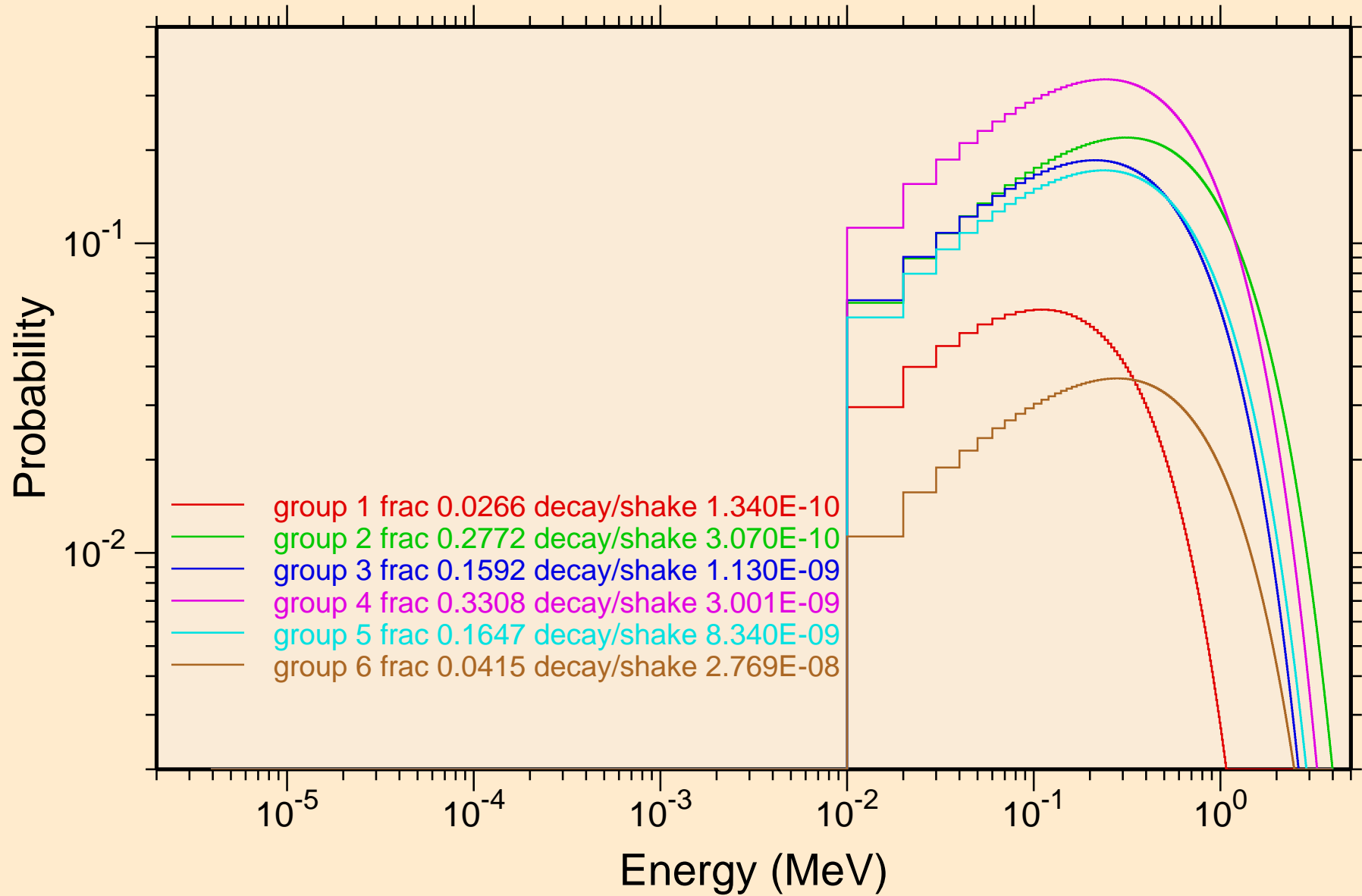
# CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Delayed nubar

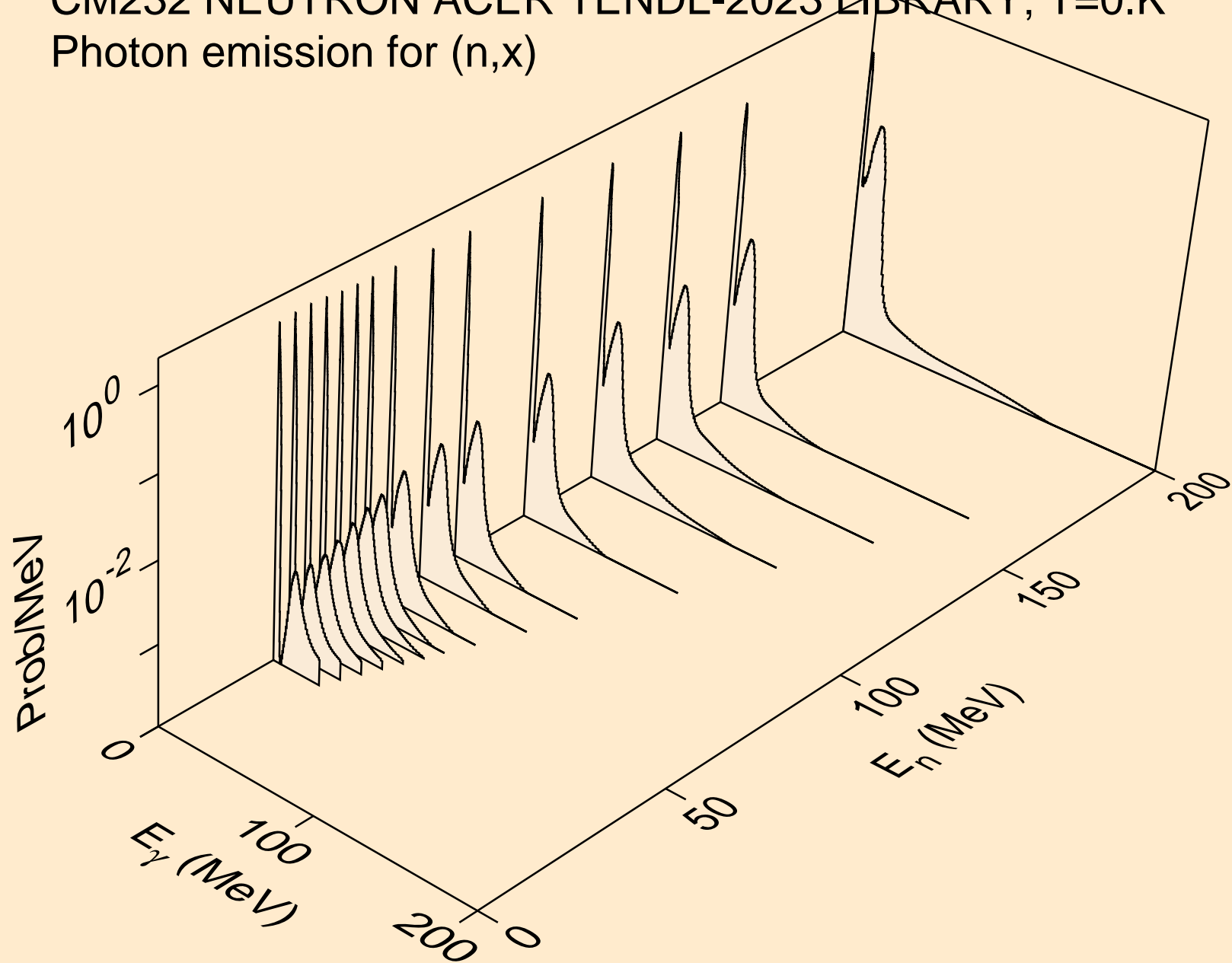


# CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

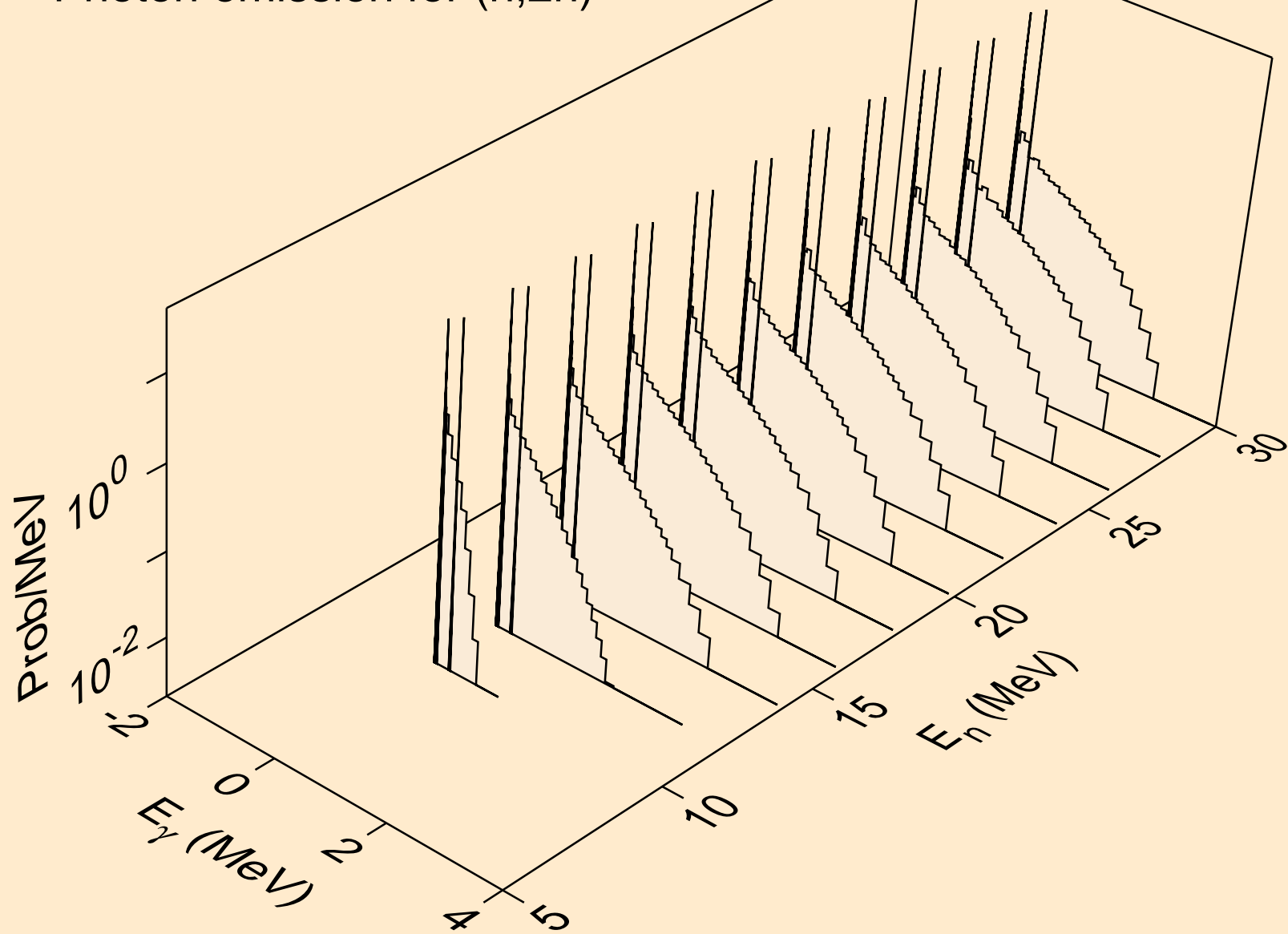
## Delayed neutron spectra



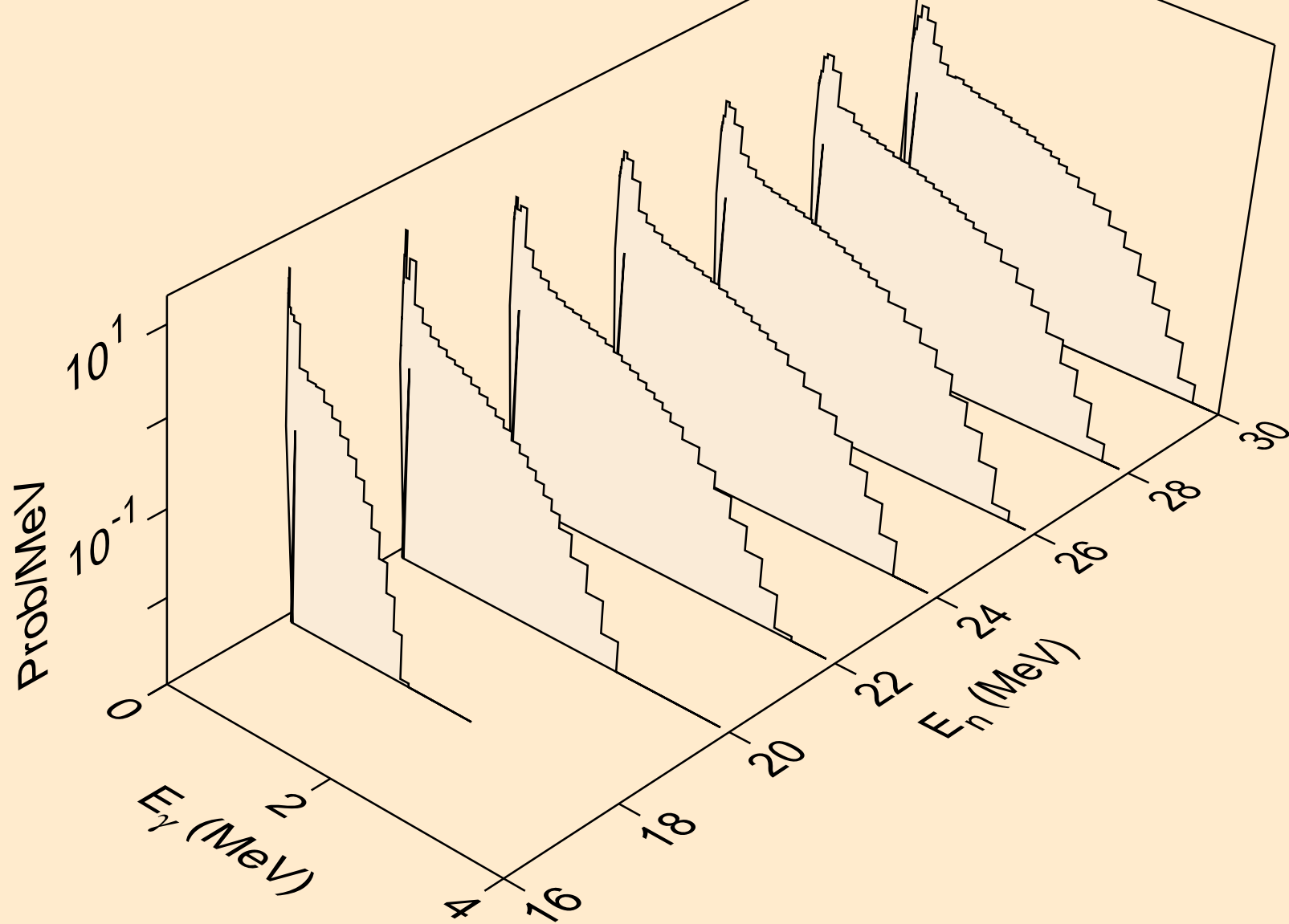
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



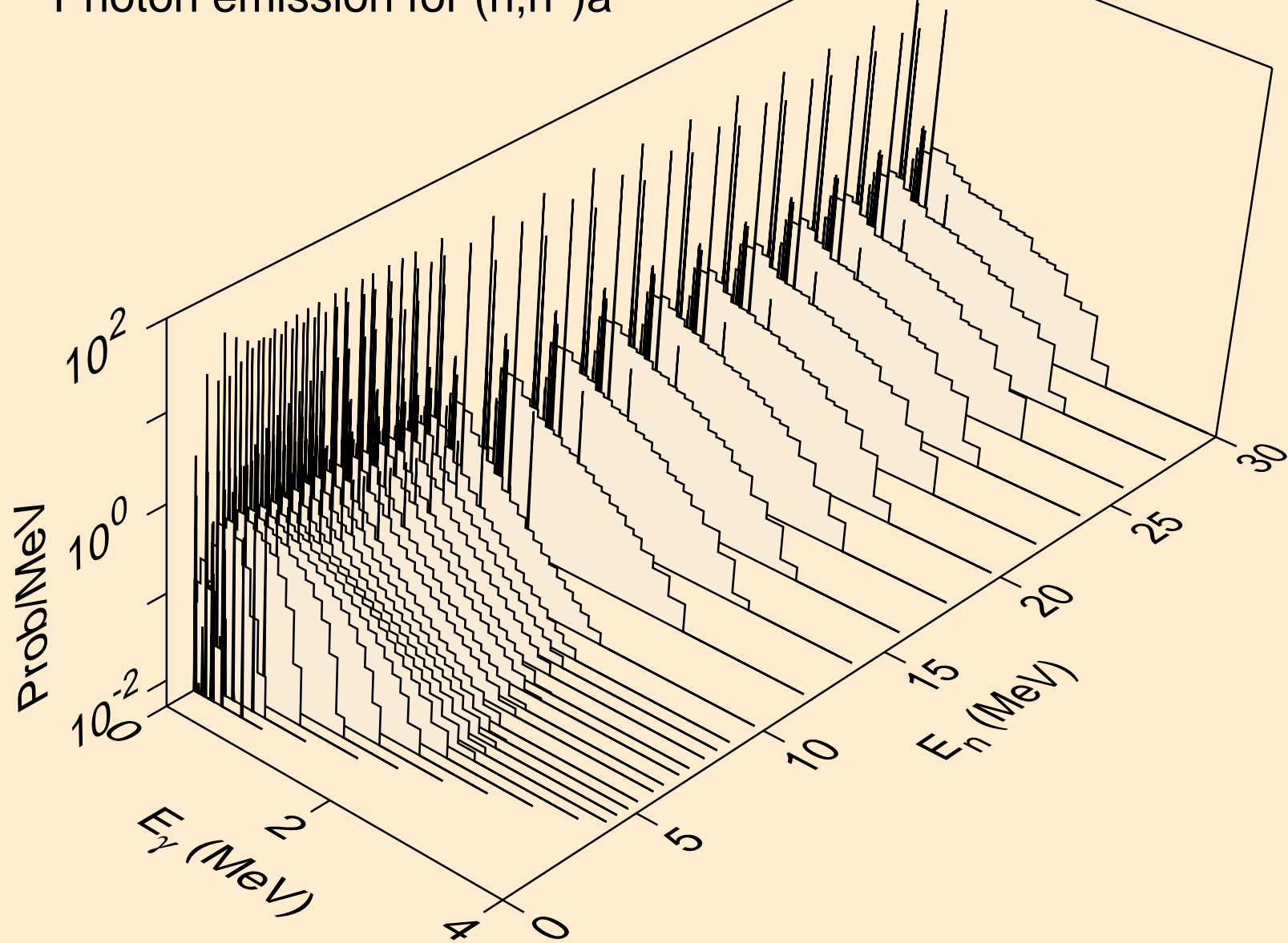
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



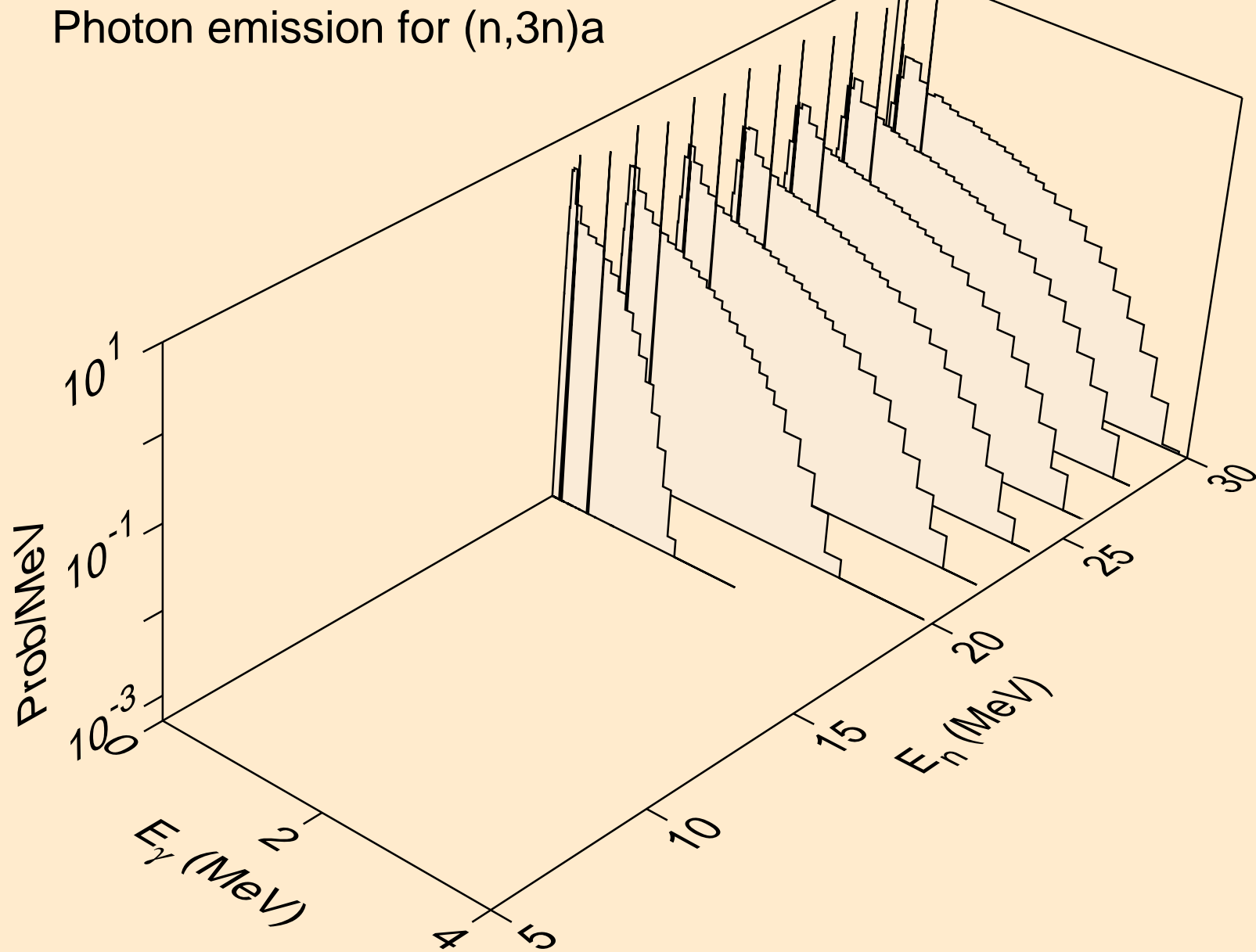
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



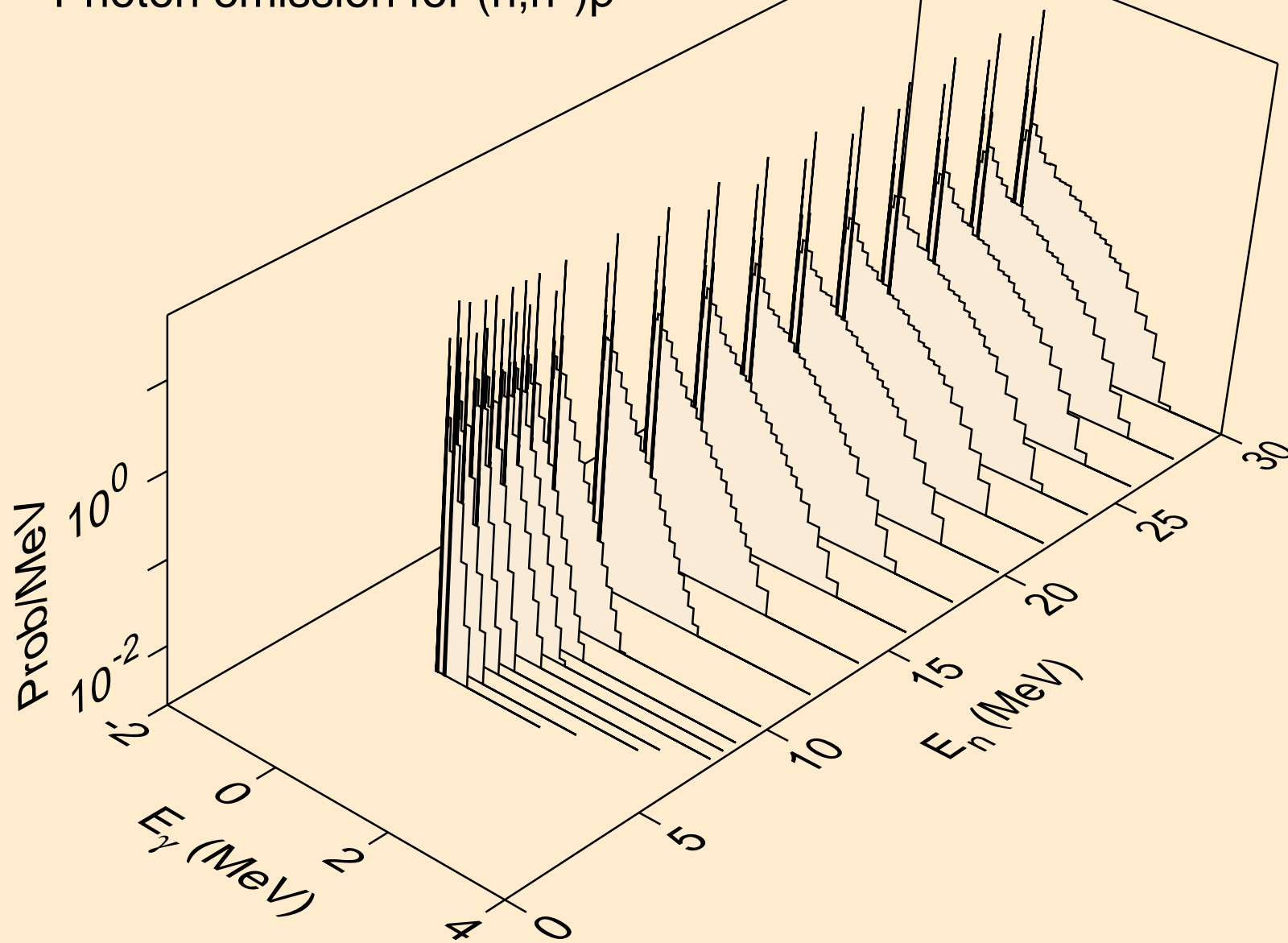
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



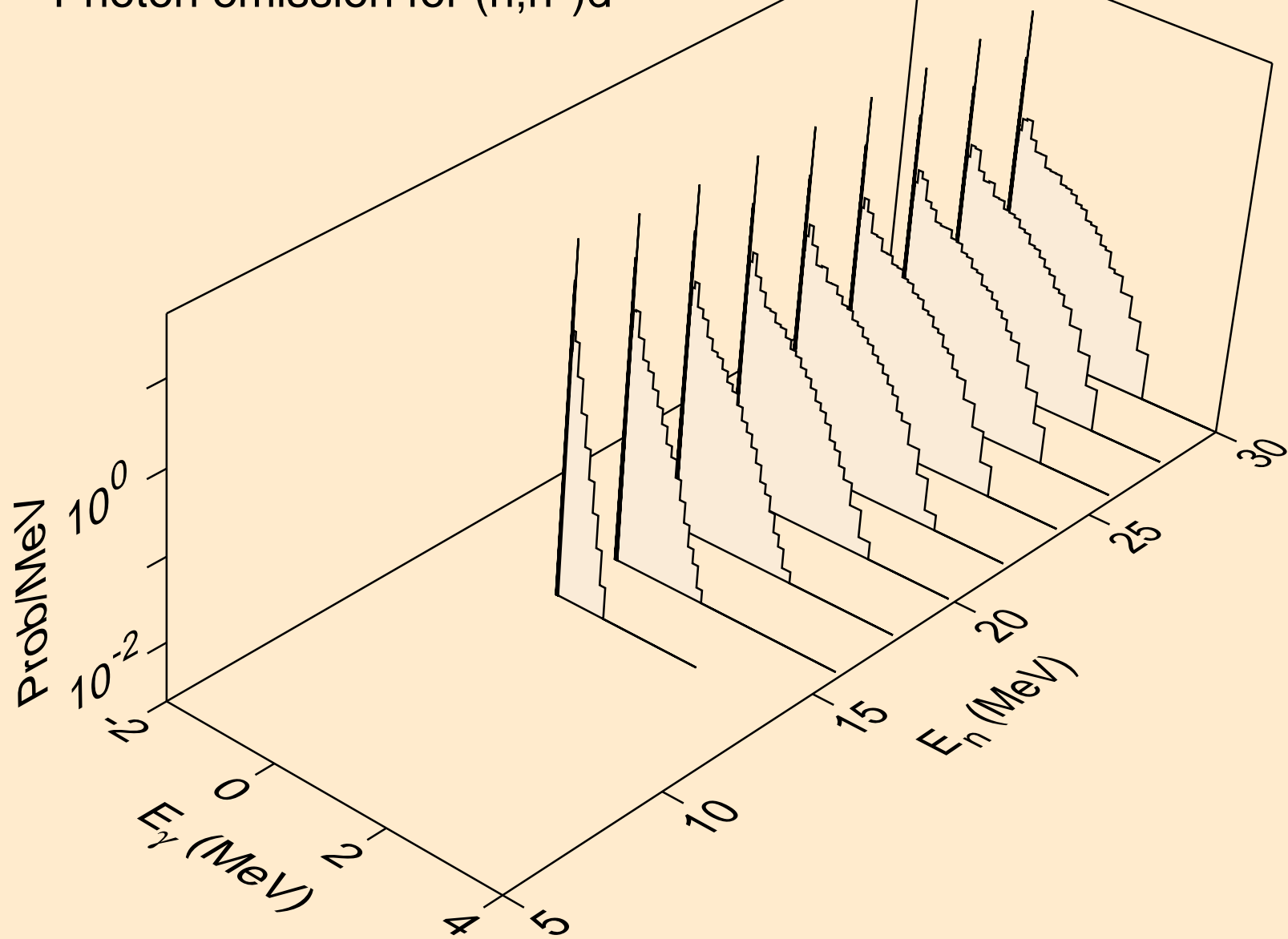
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



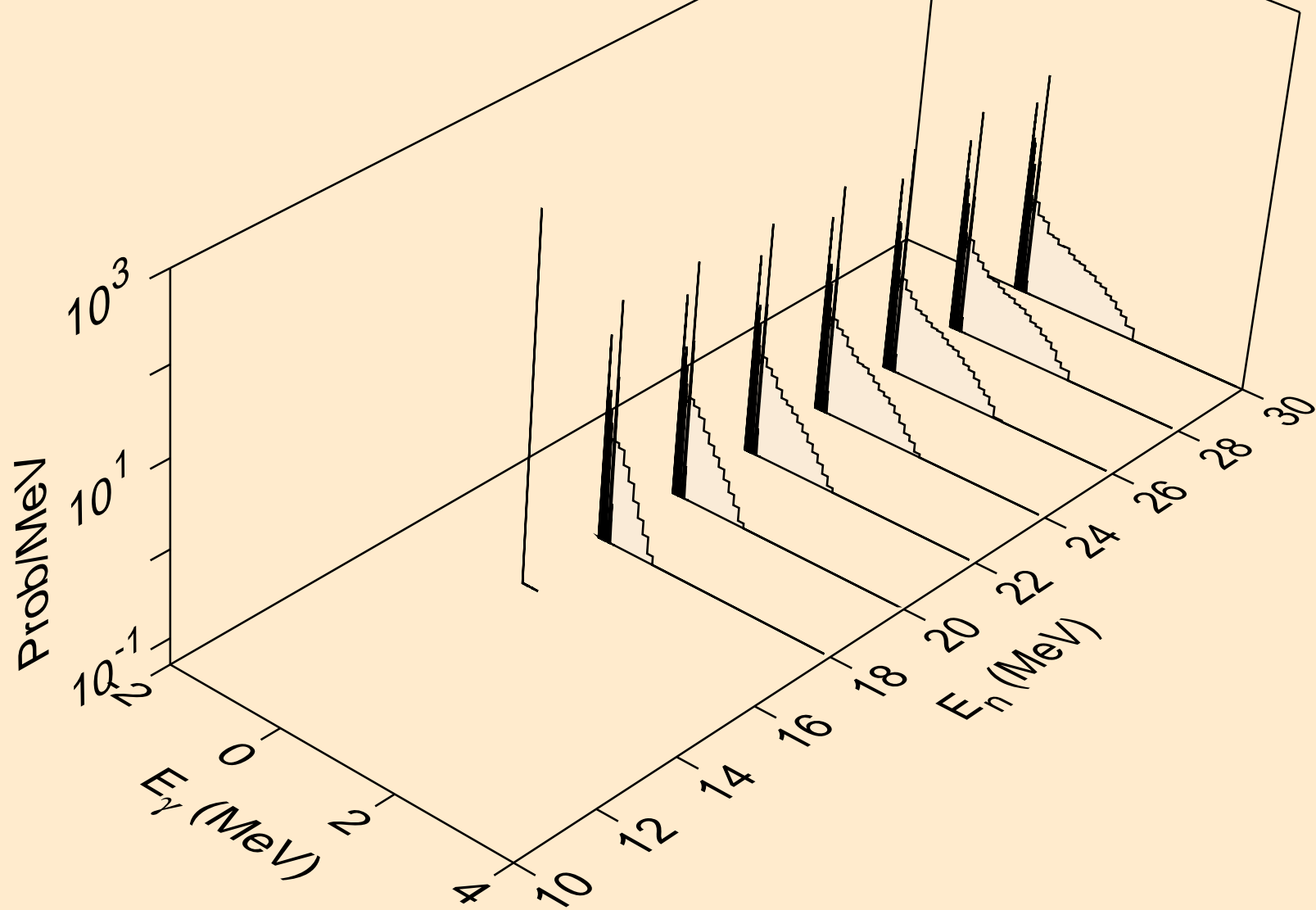
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



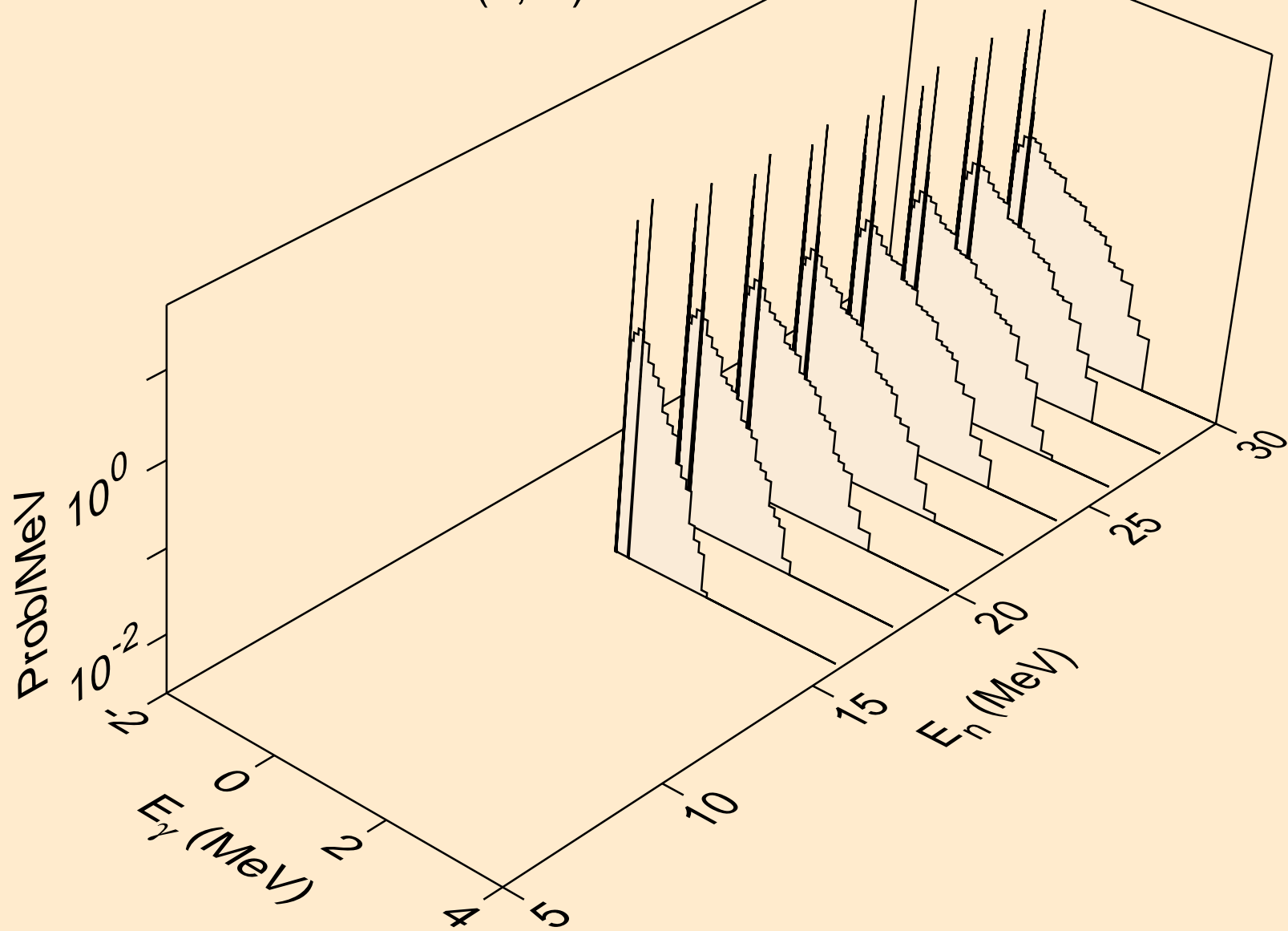
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



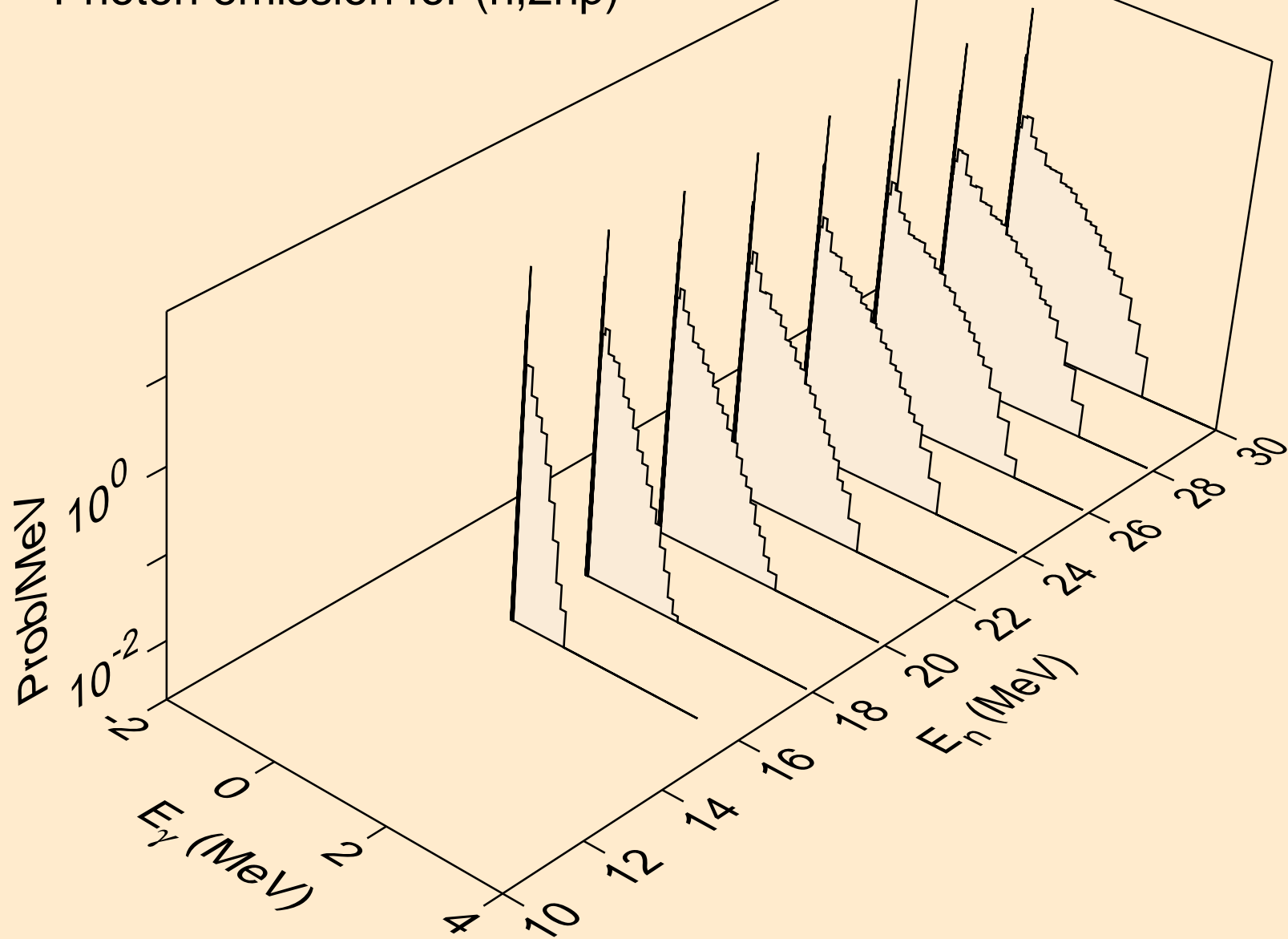
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



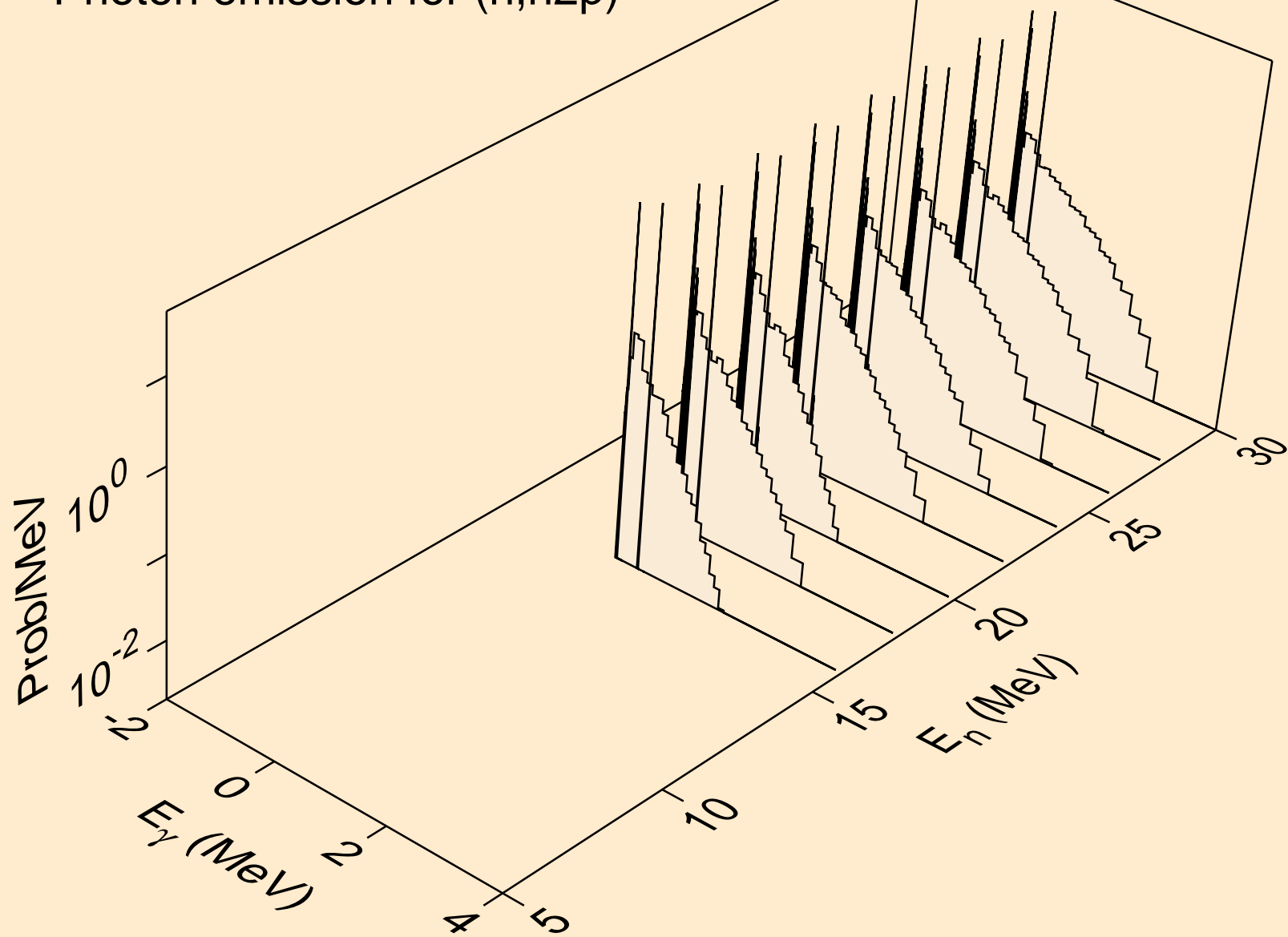
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



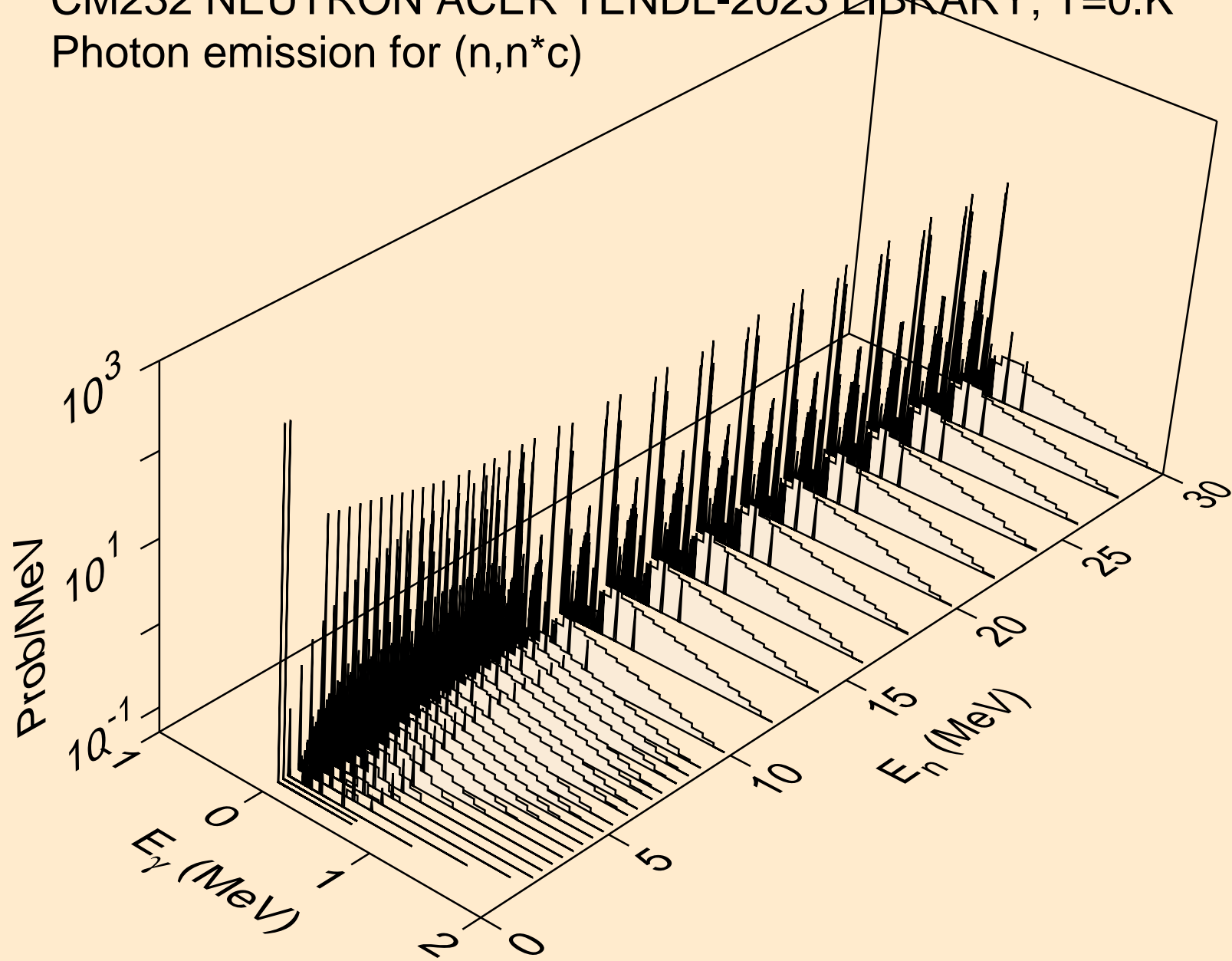
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



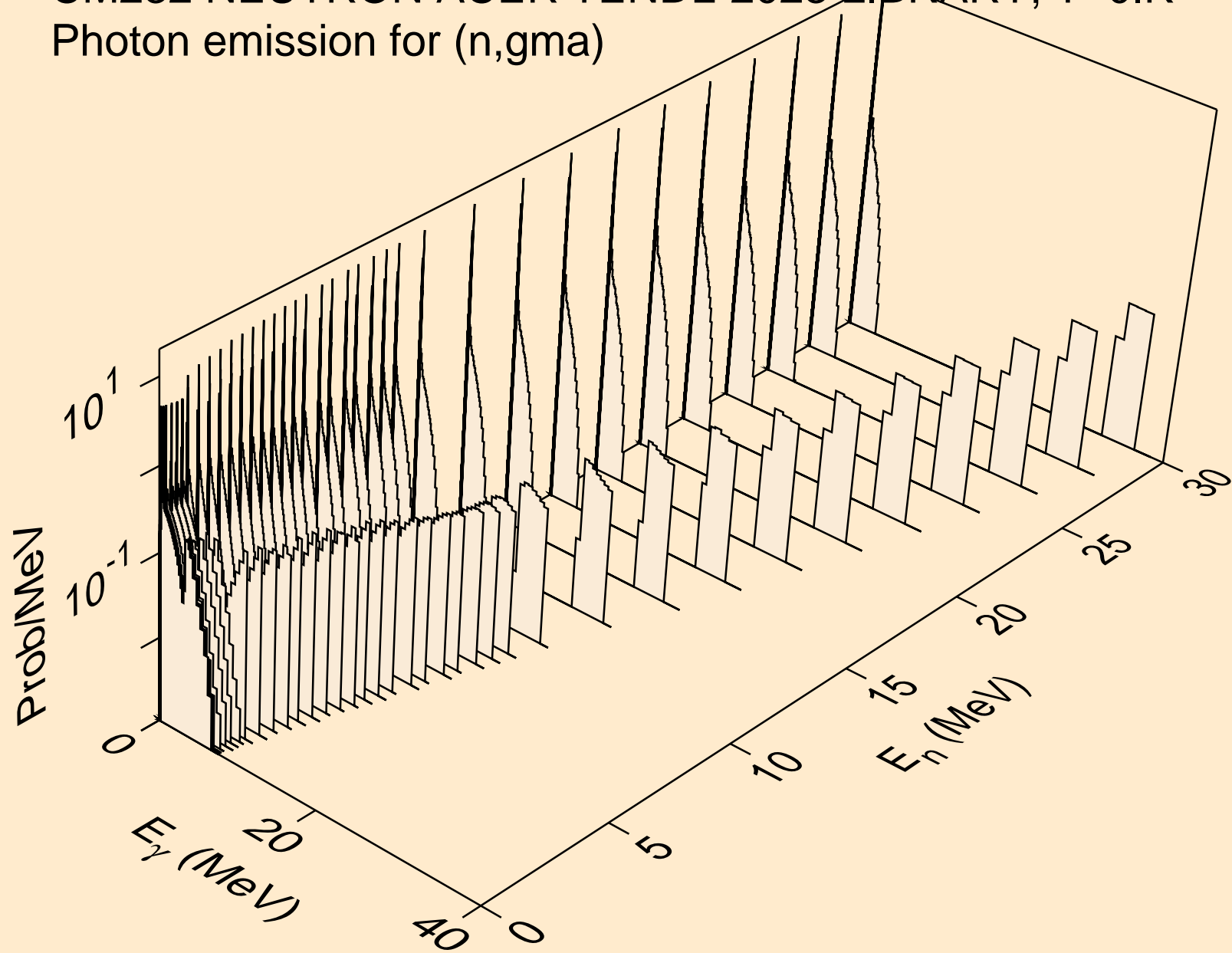
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



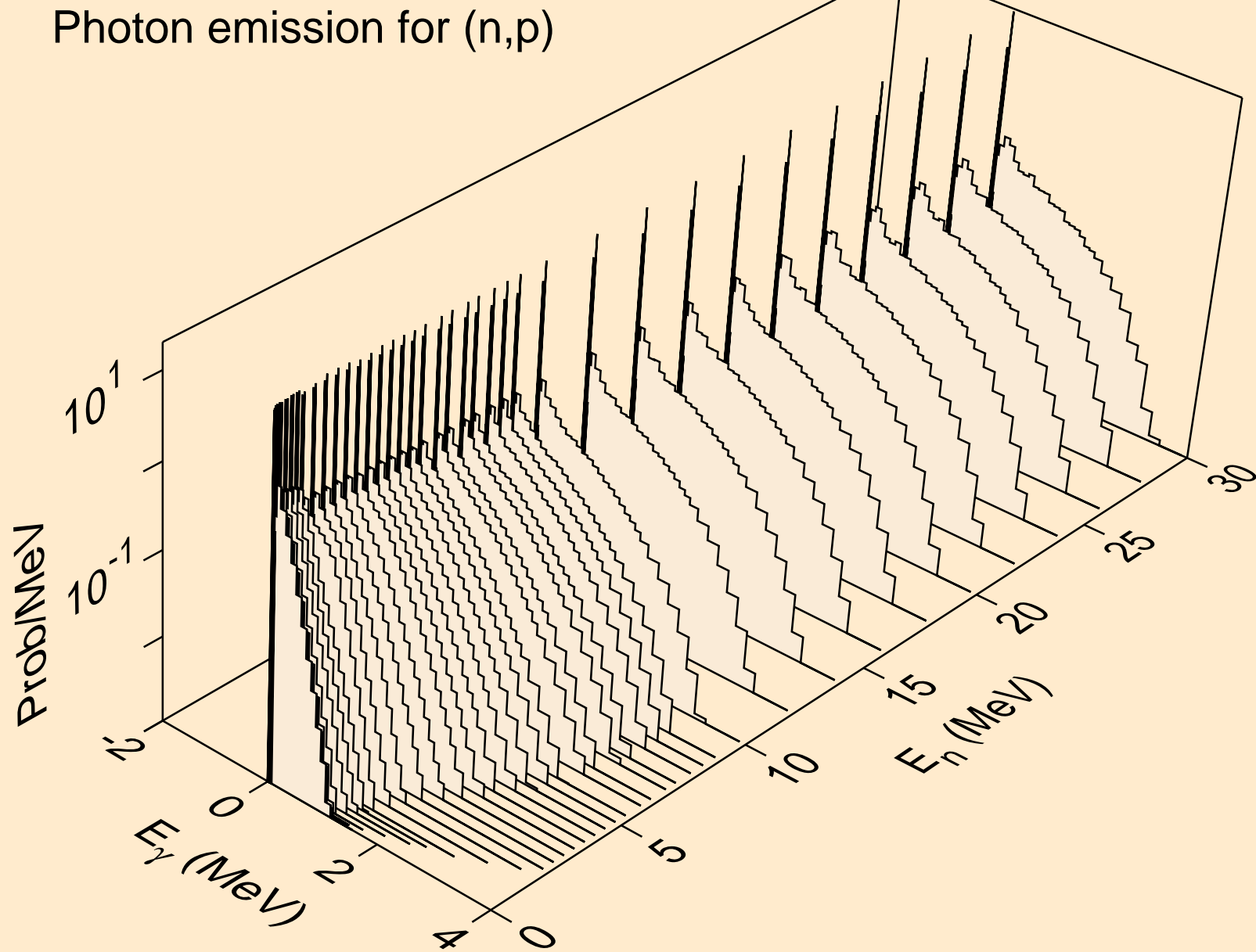
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



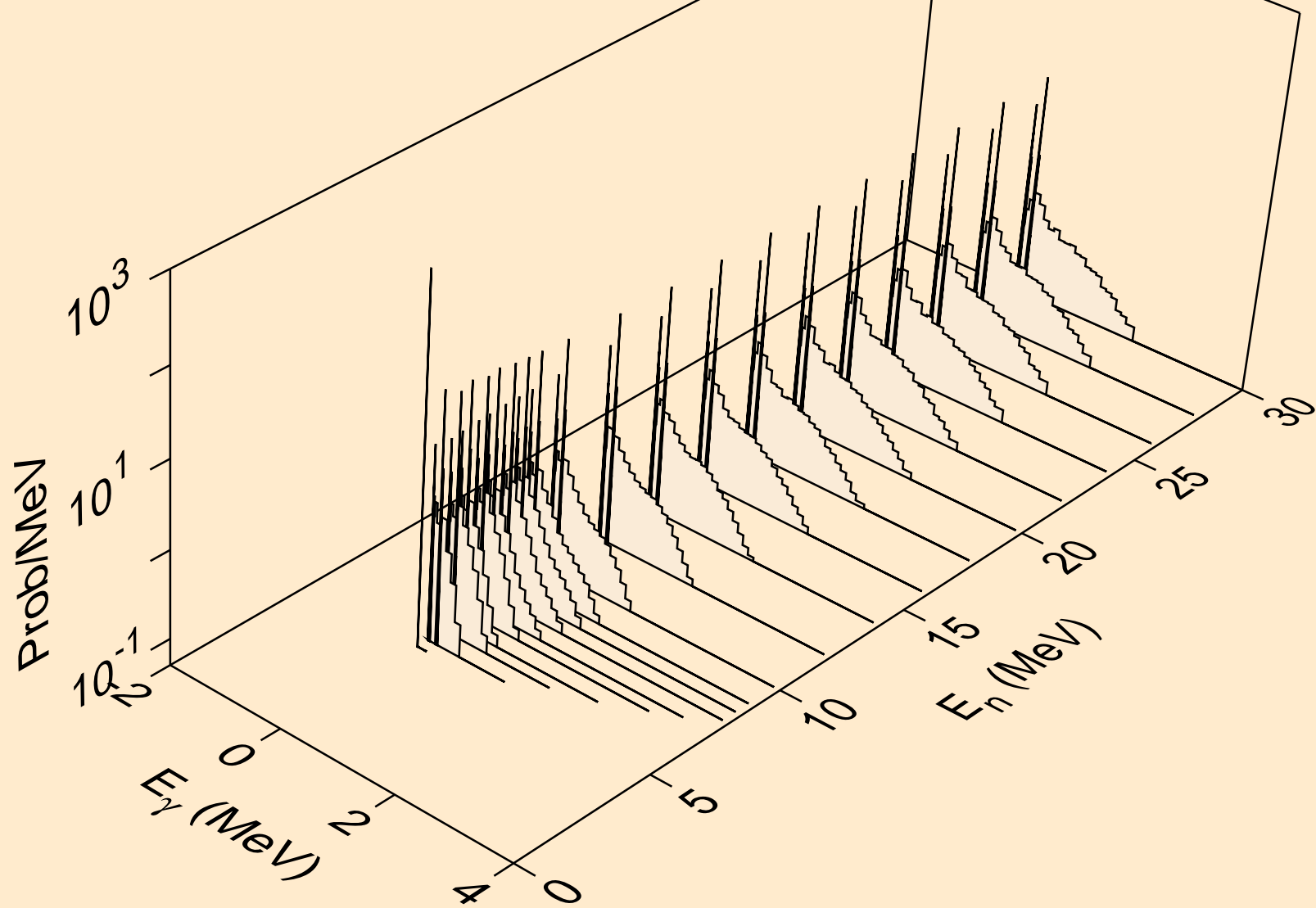
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Photon emission for (n,gma)



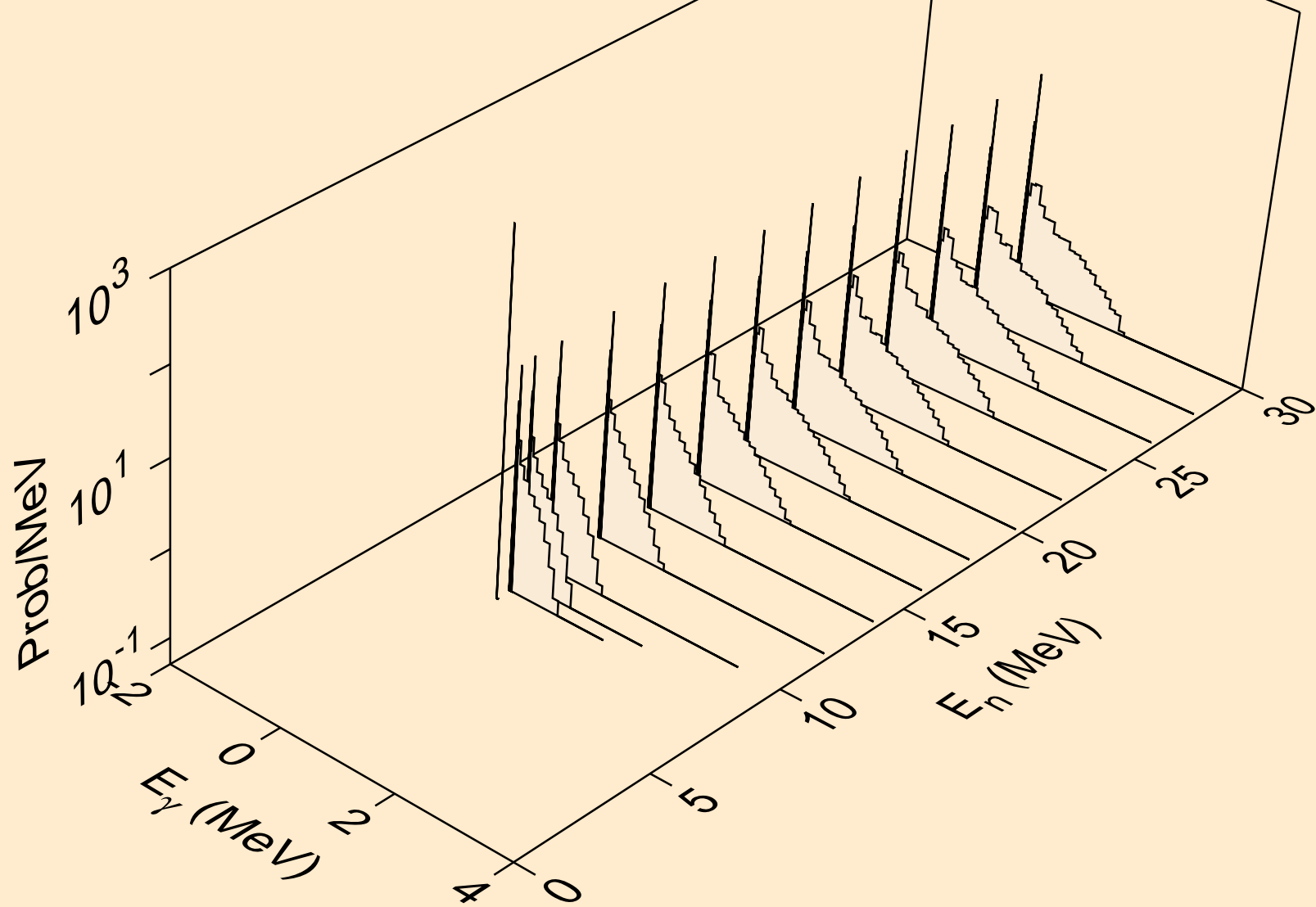
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



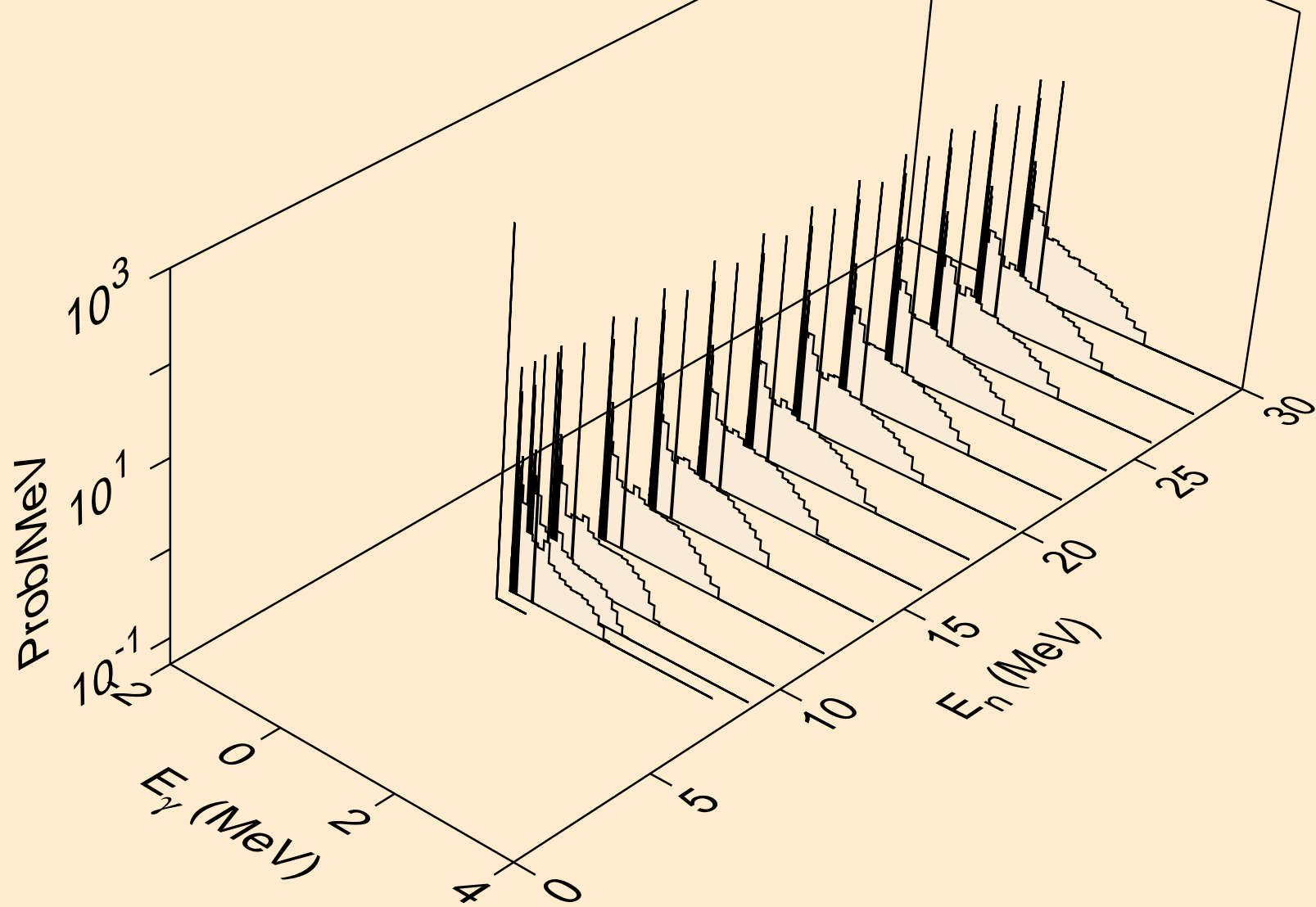
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



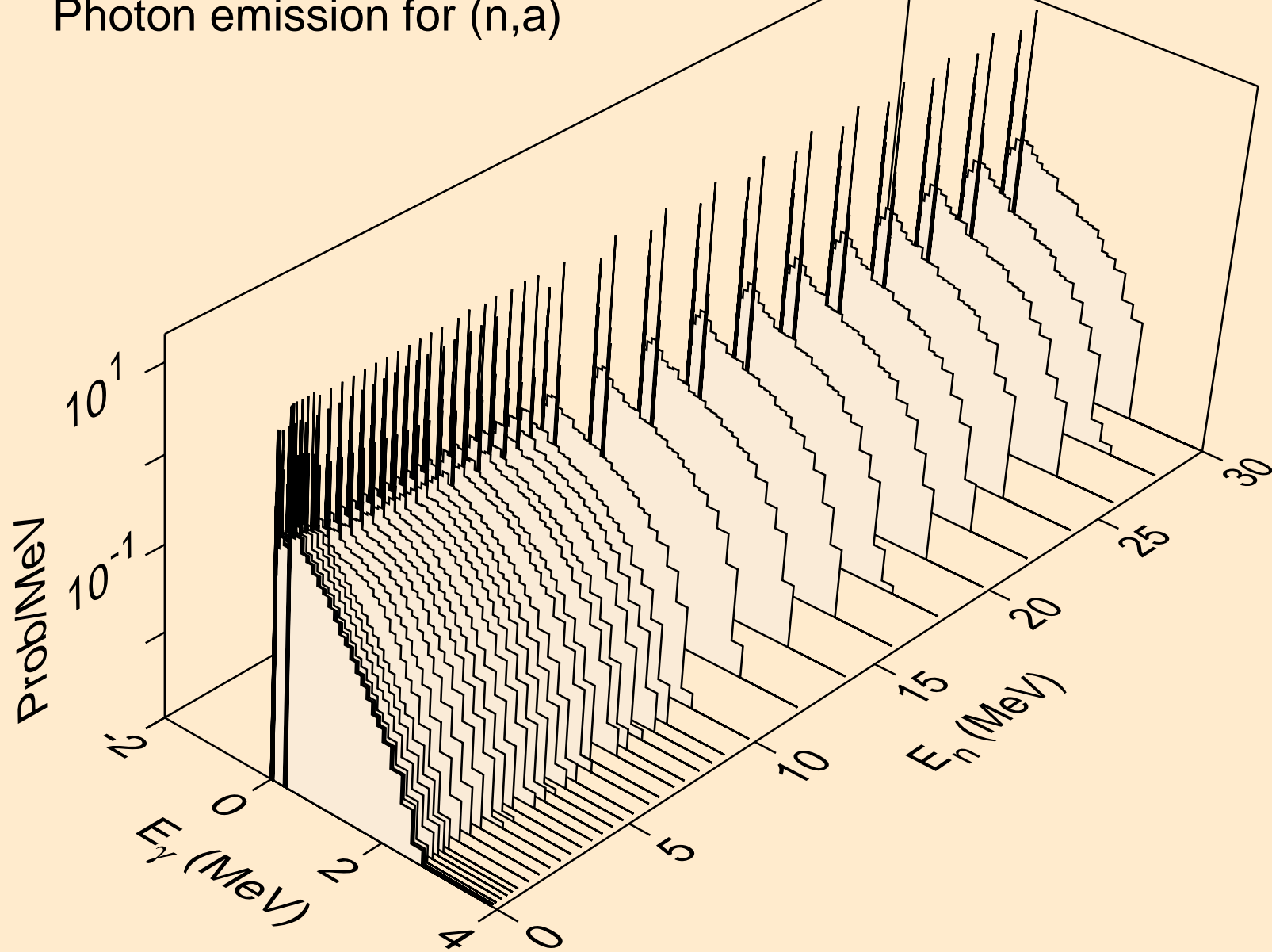
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



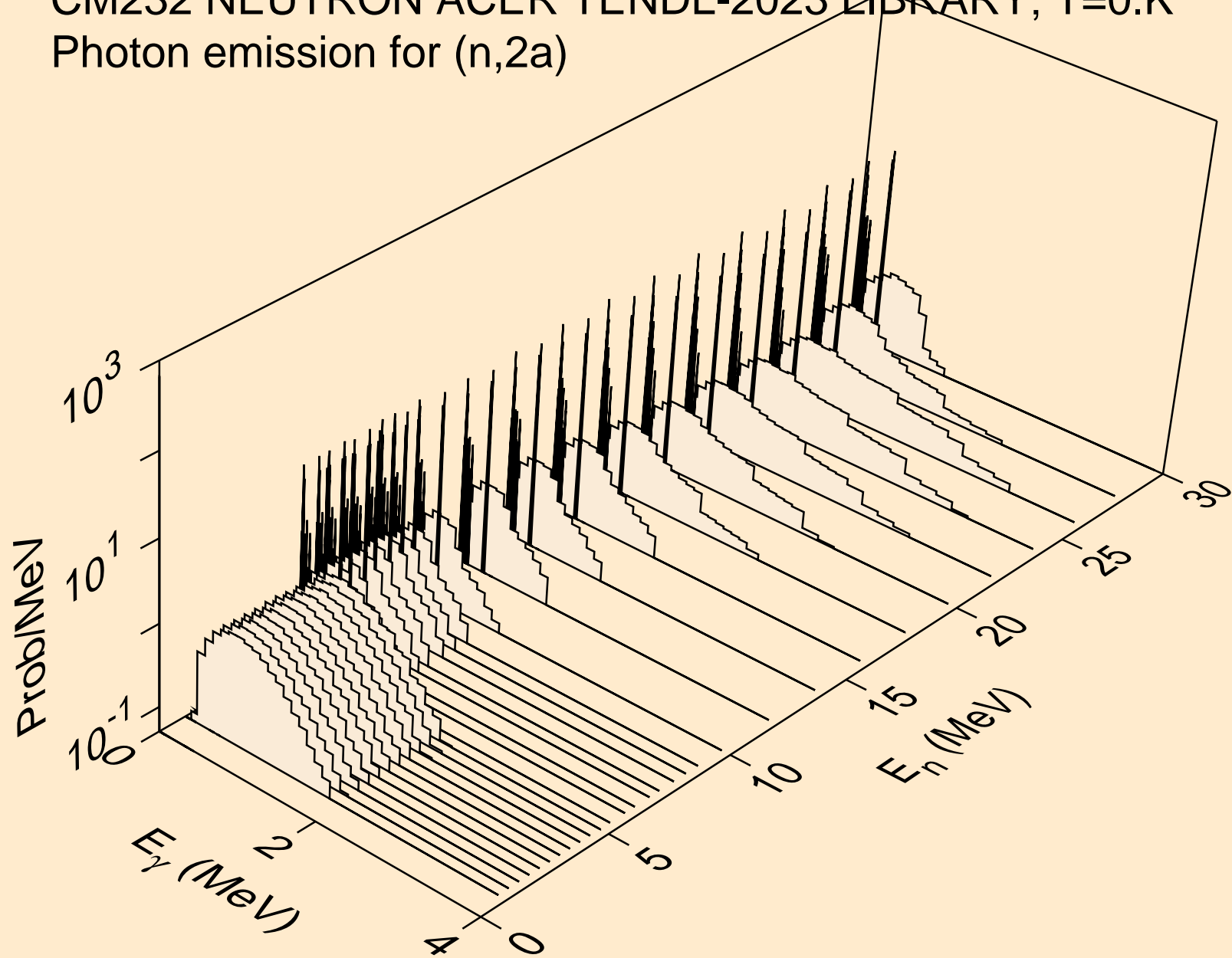
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



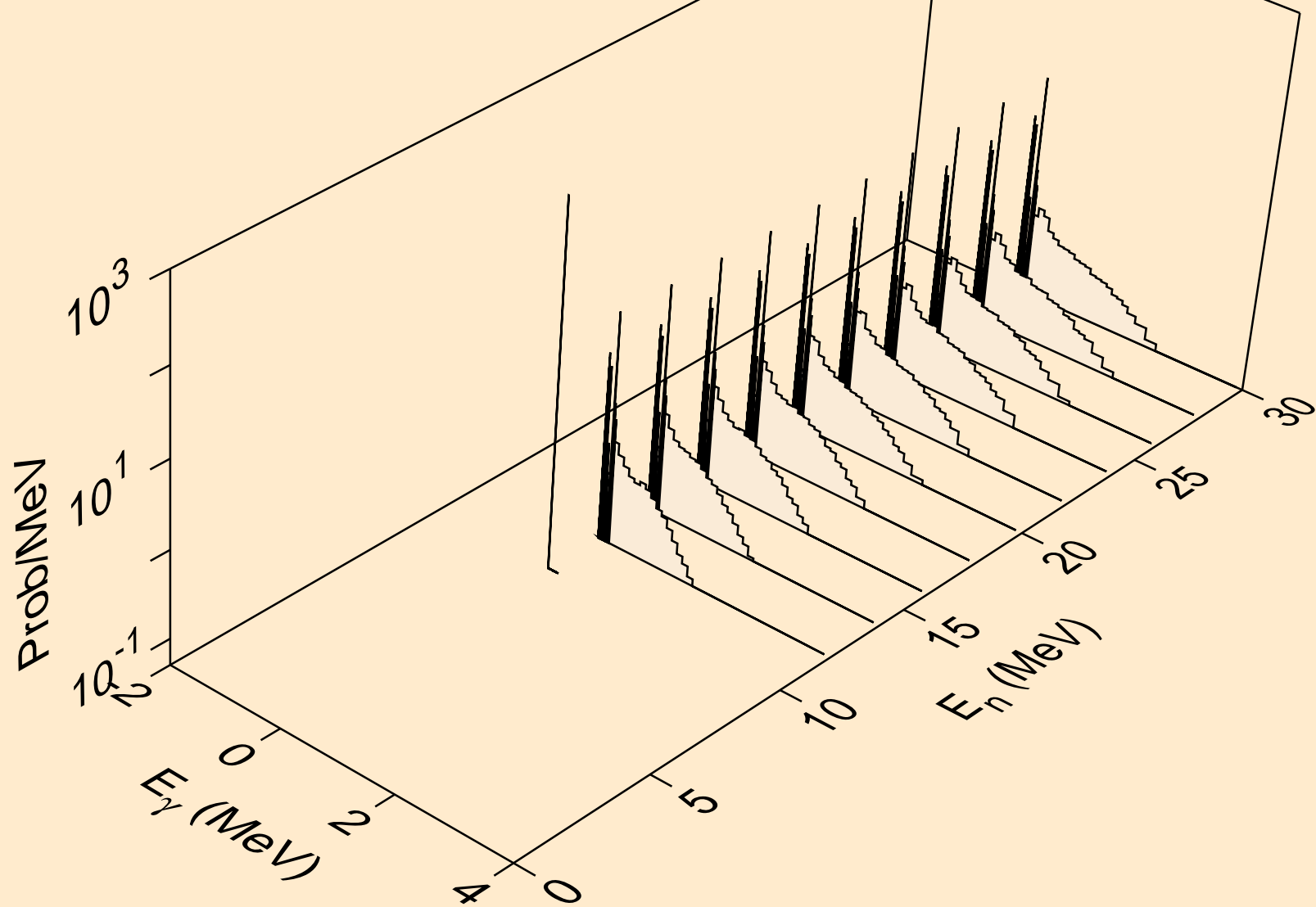
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Photon emission for (n,a)



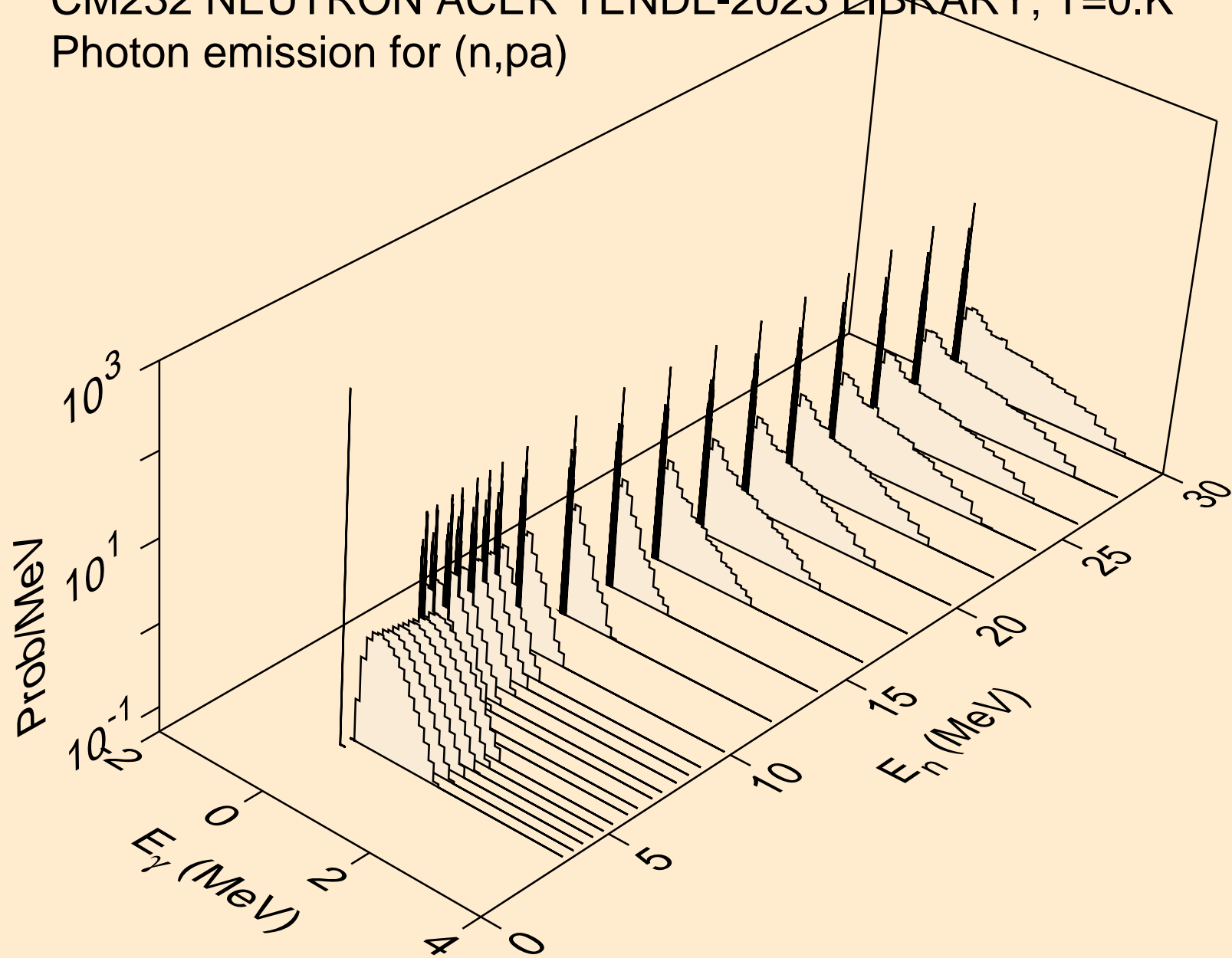
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Photon emission for (n,2a)



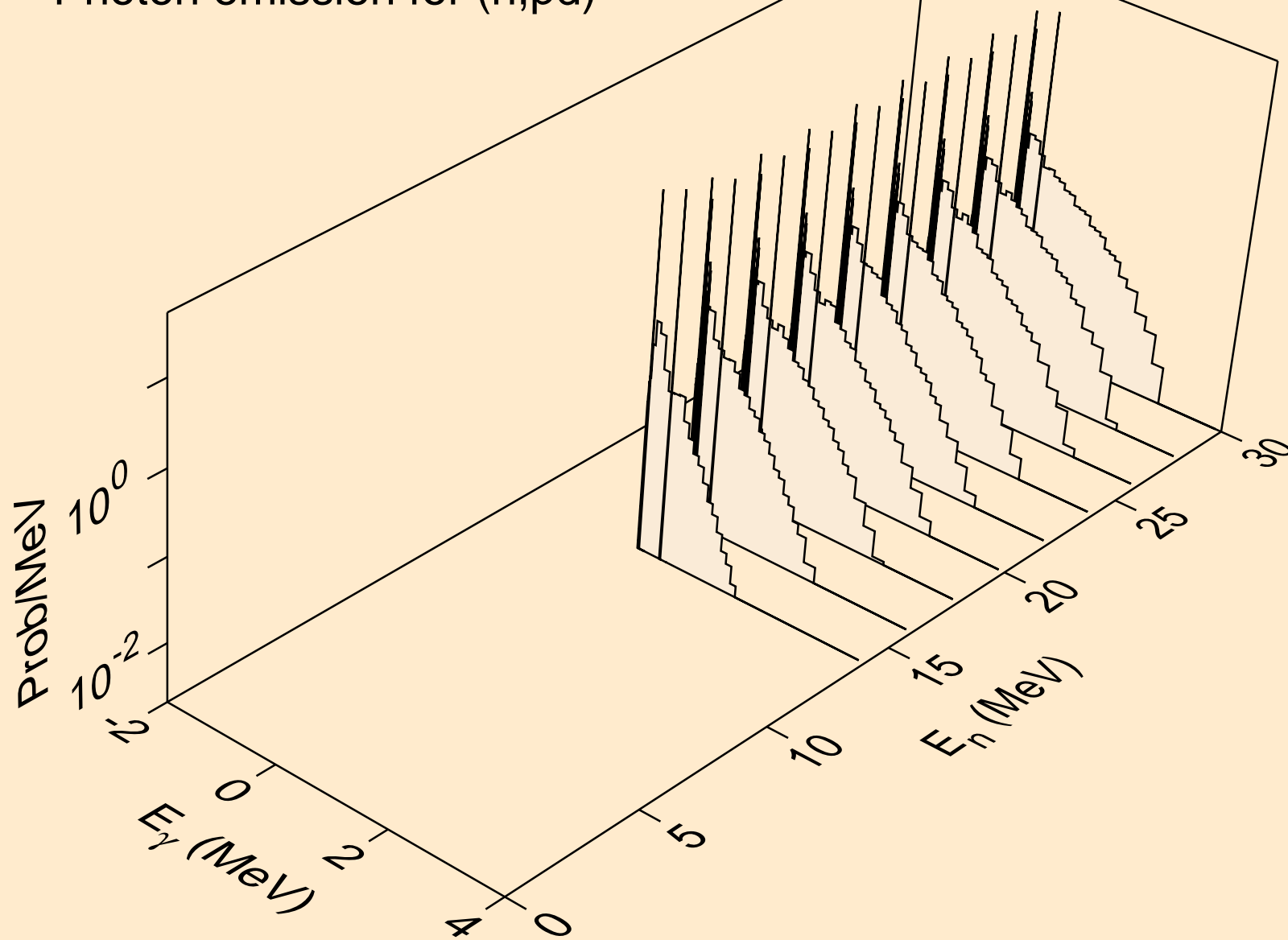
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Photon emission for (n,2p)



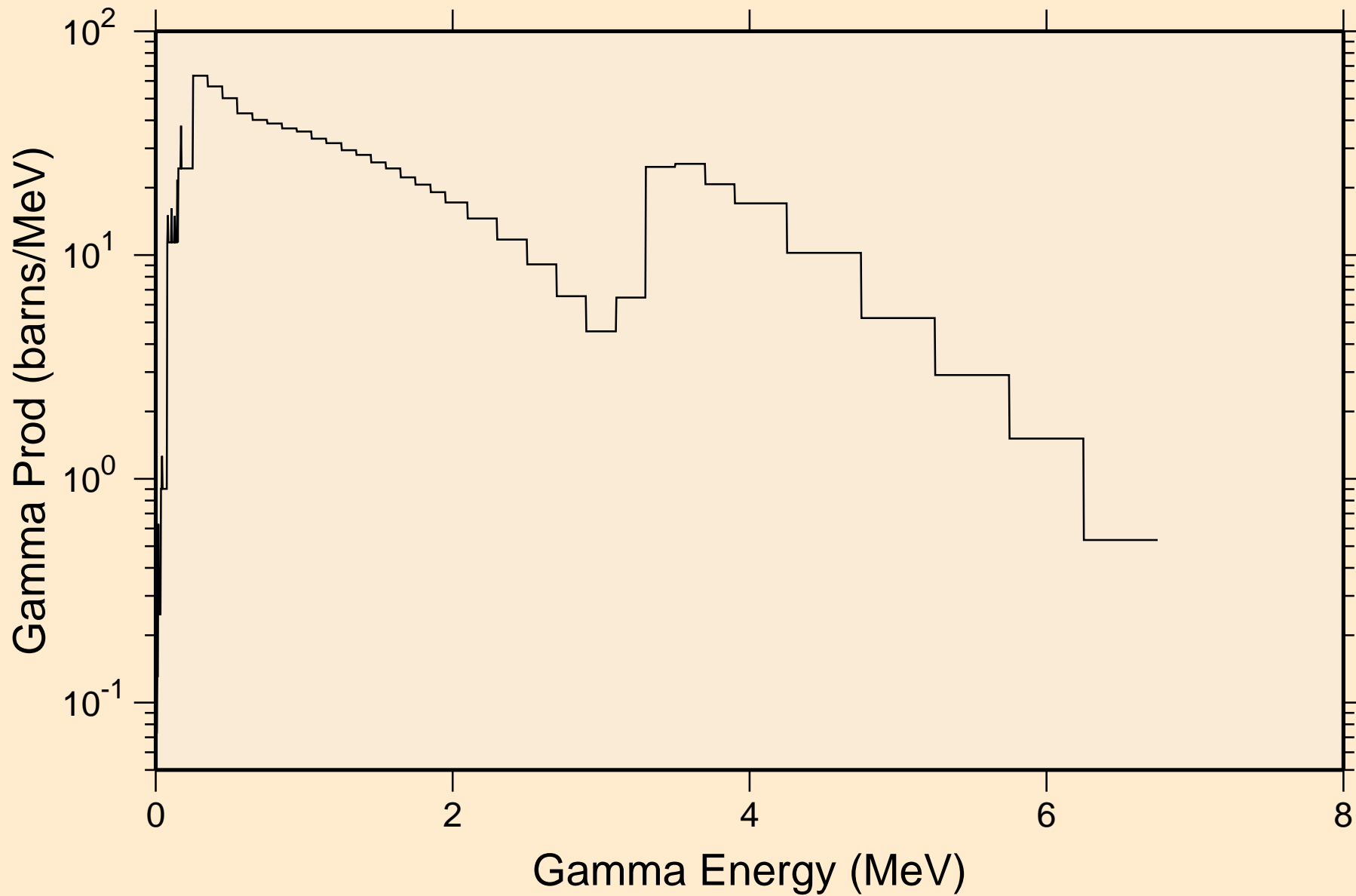
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



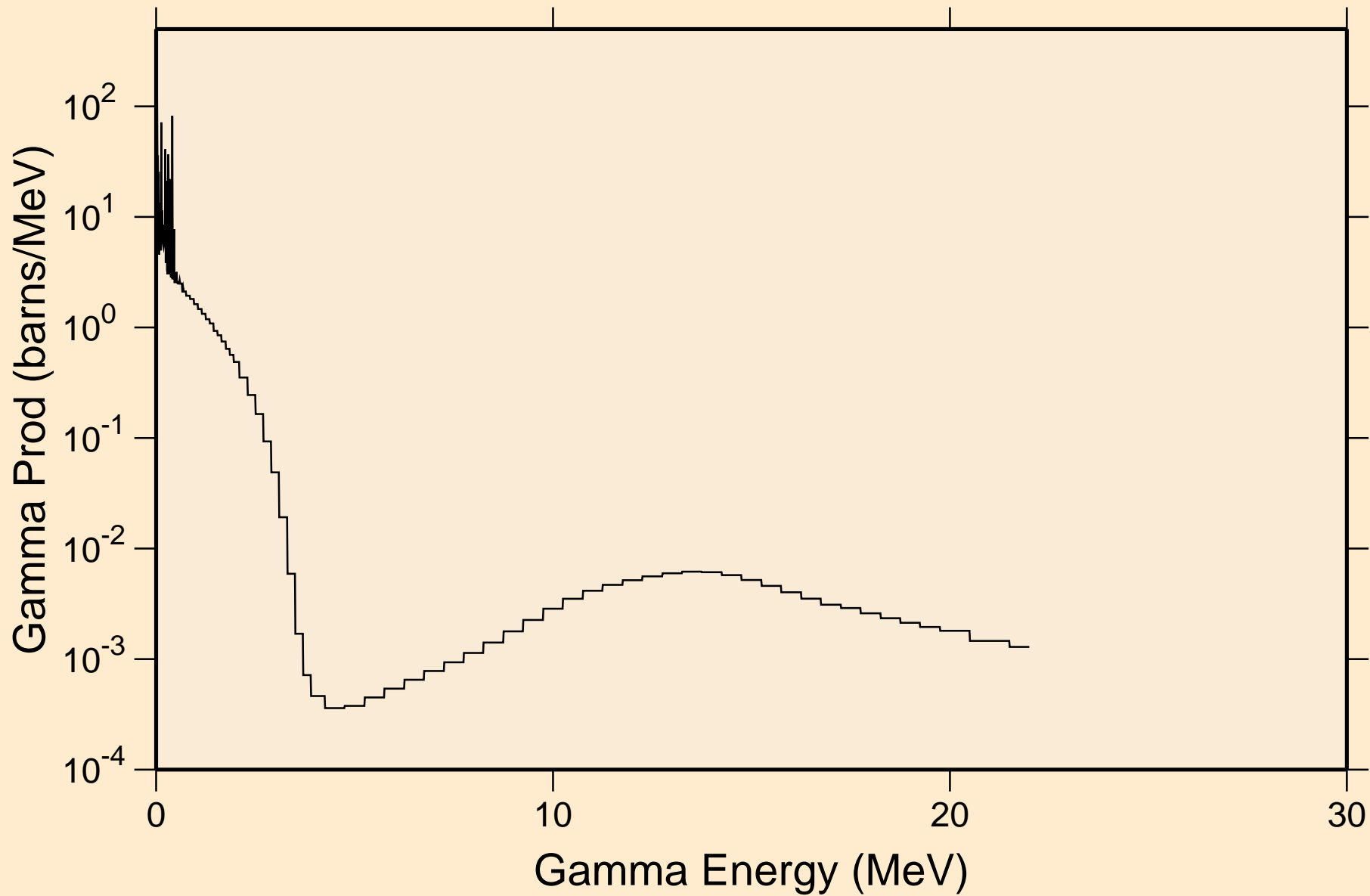
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

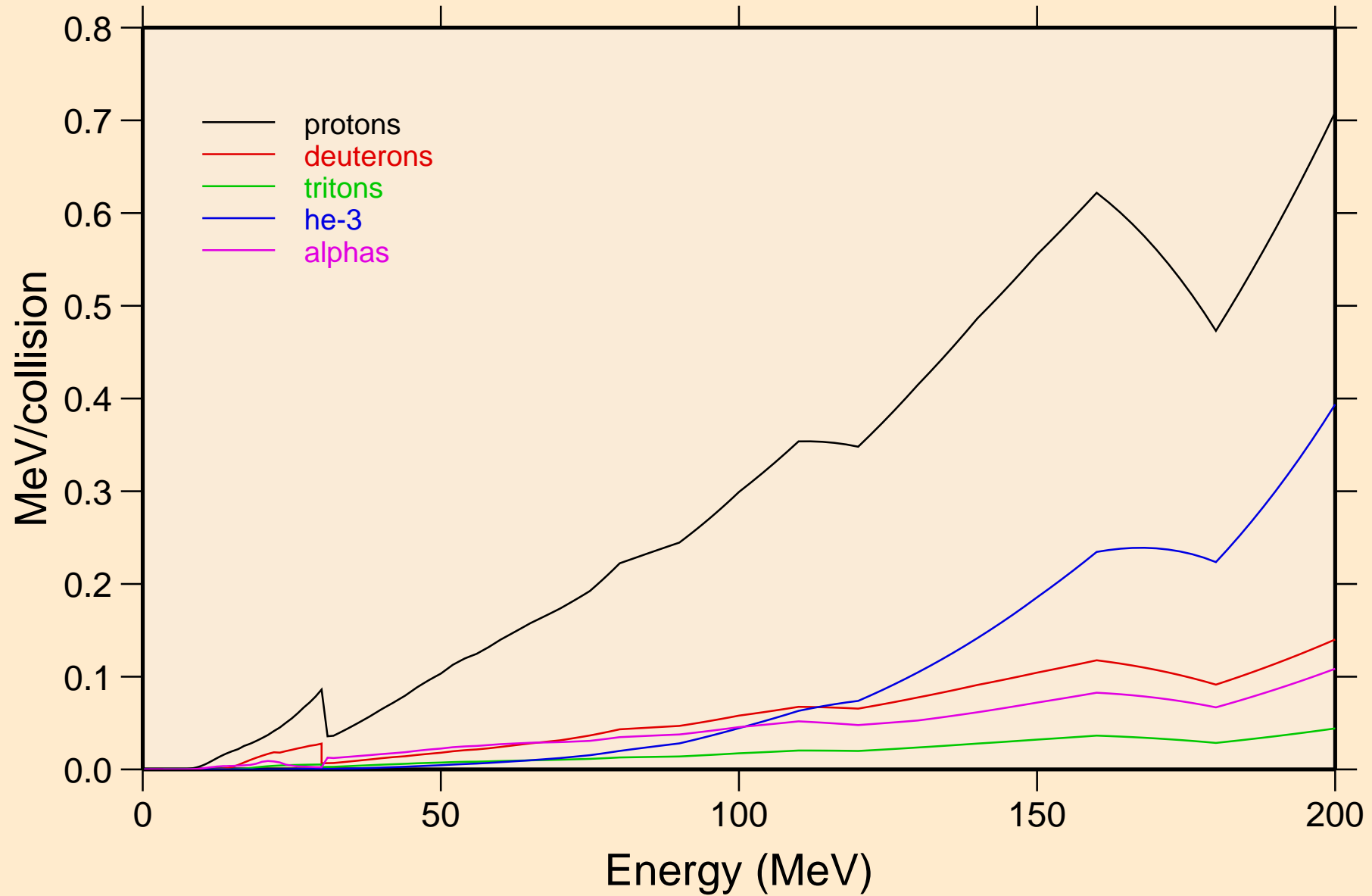


CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



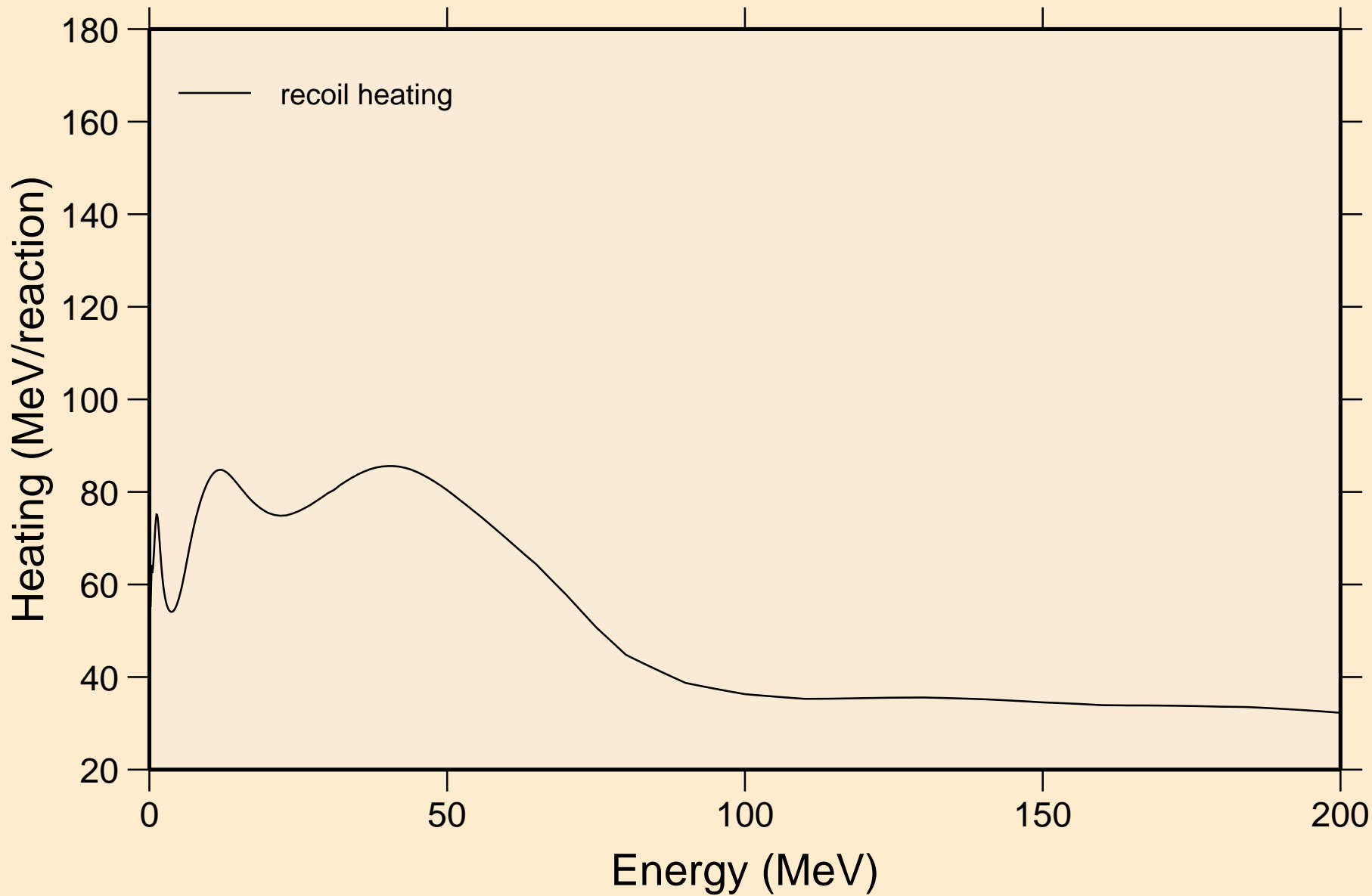
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## Particle heating contributions



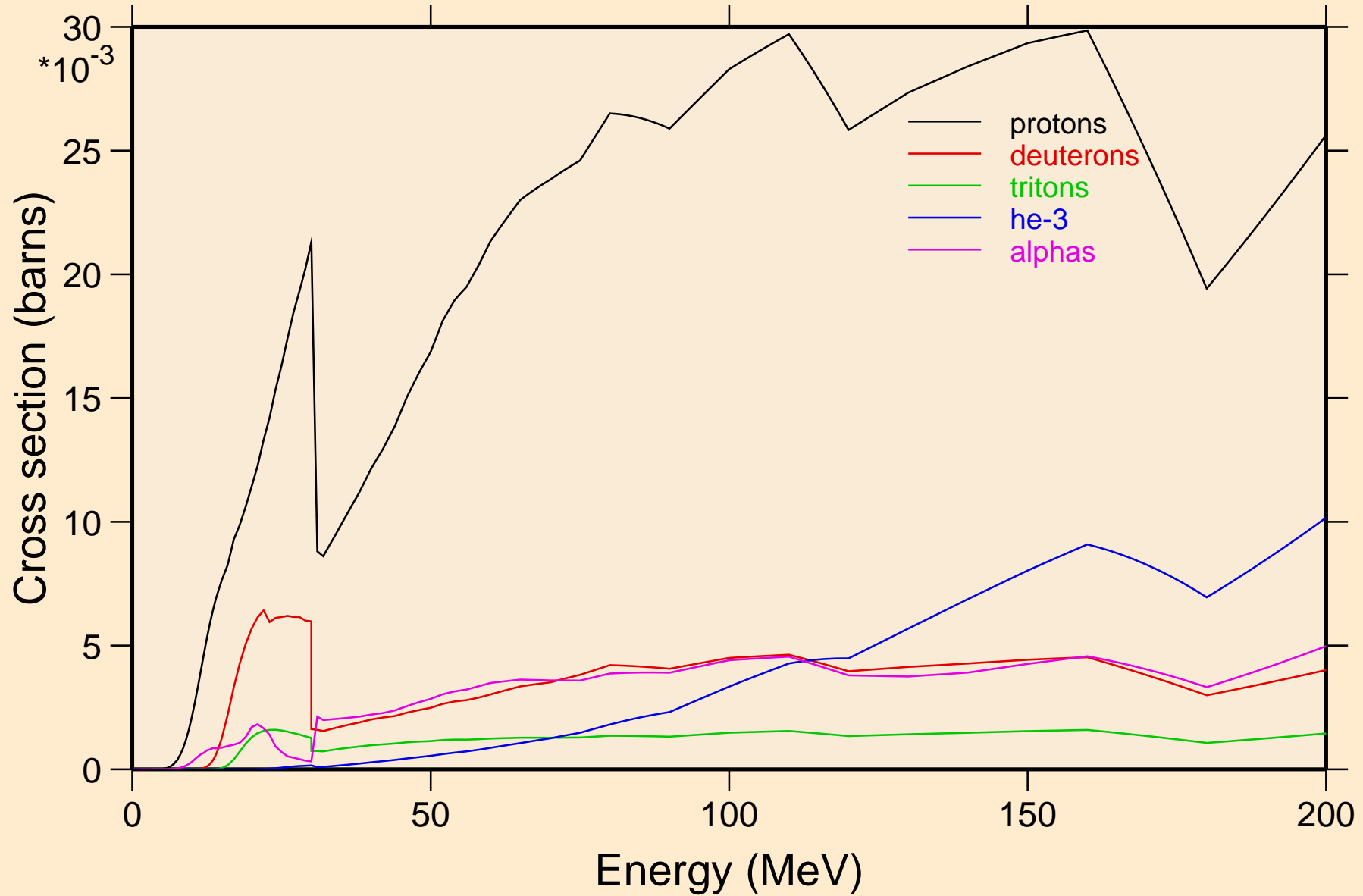
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## Recoil Heating

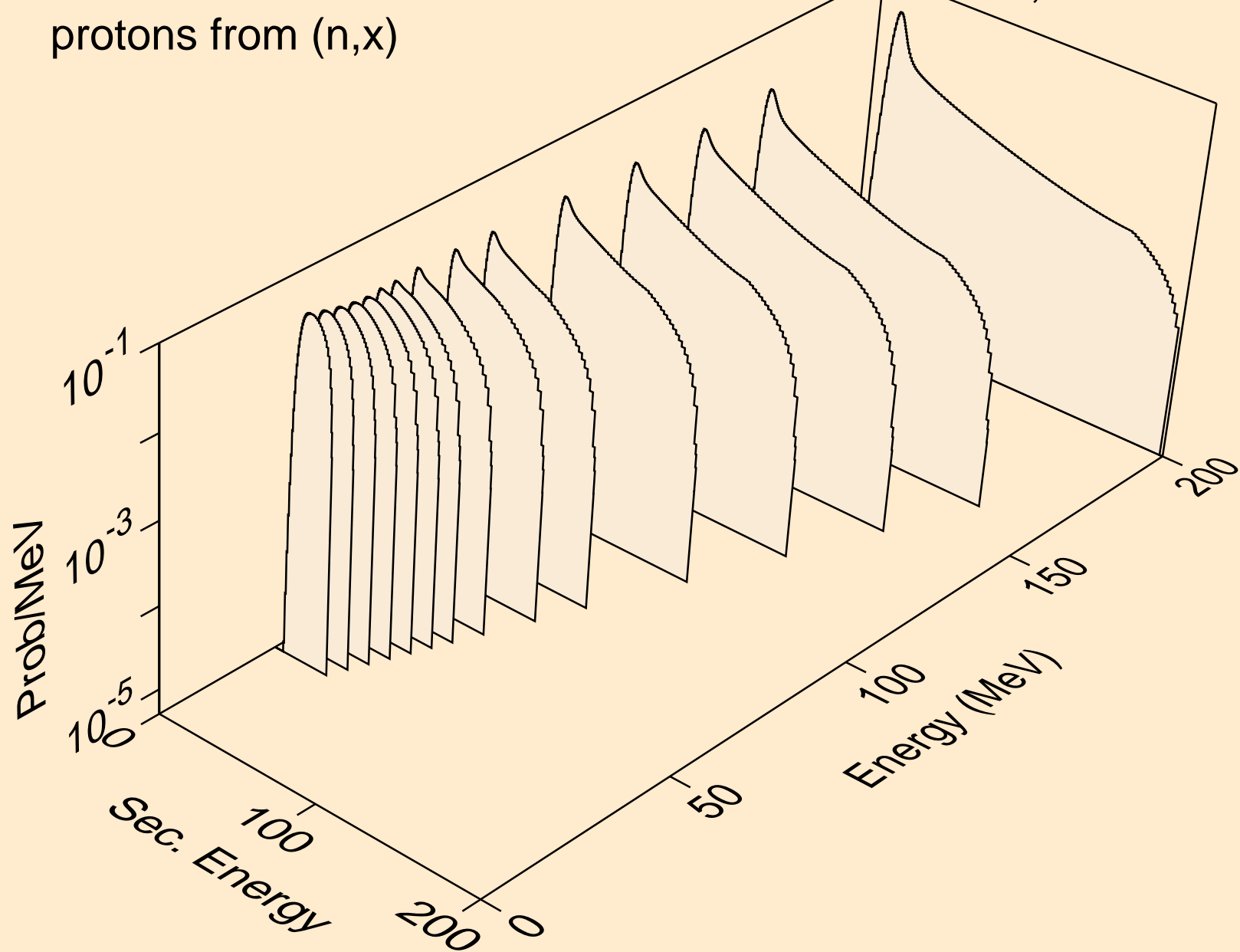


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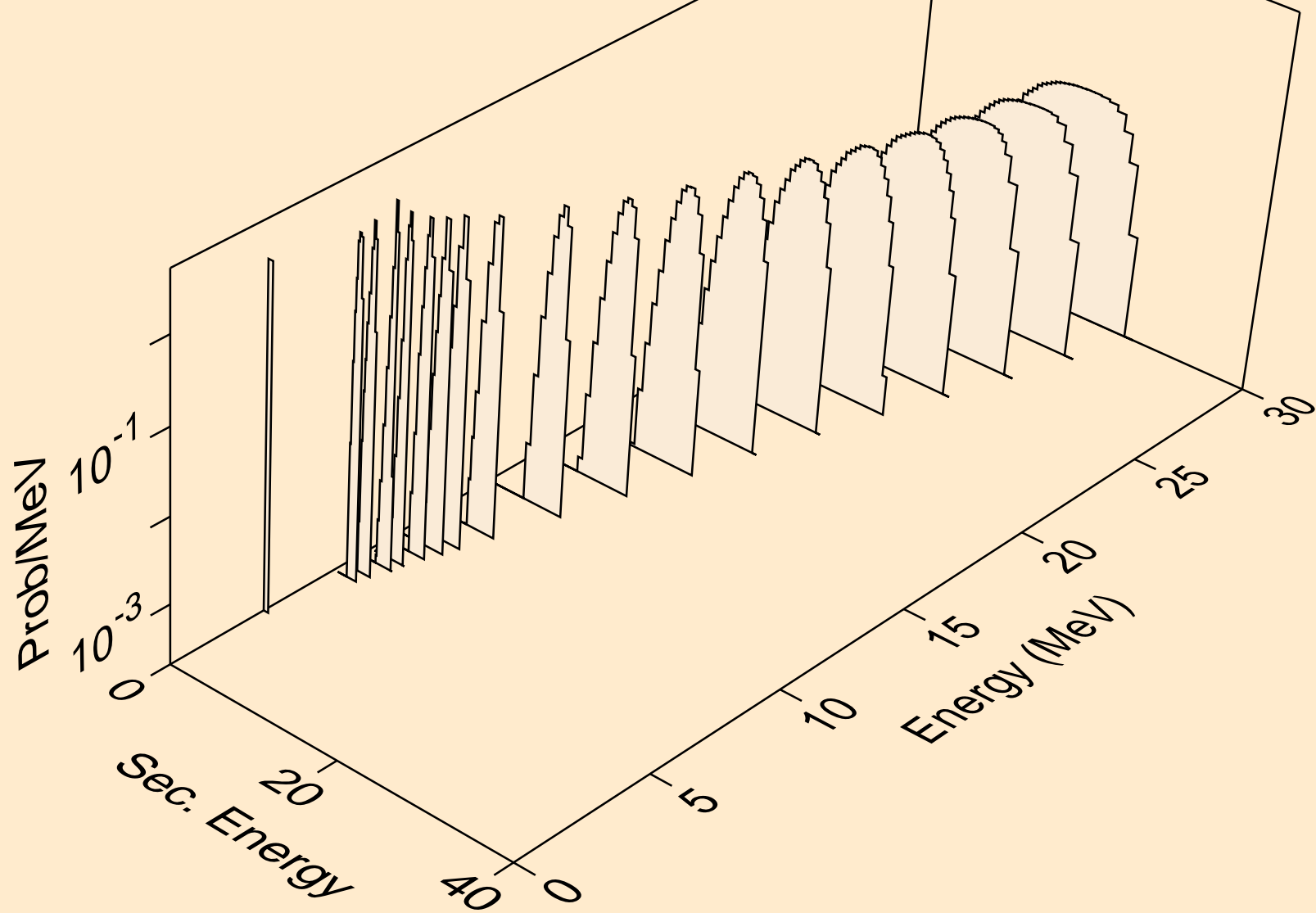
## Particle production cross sections



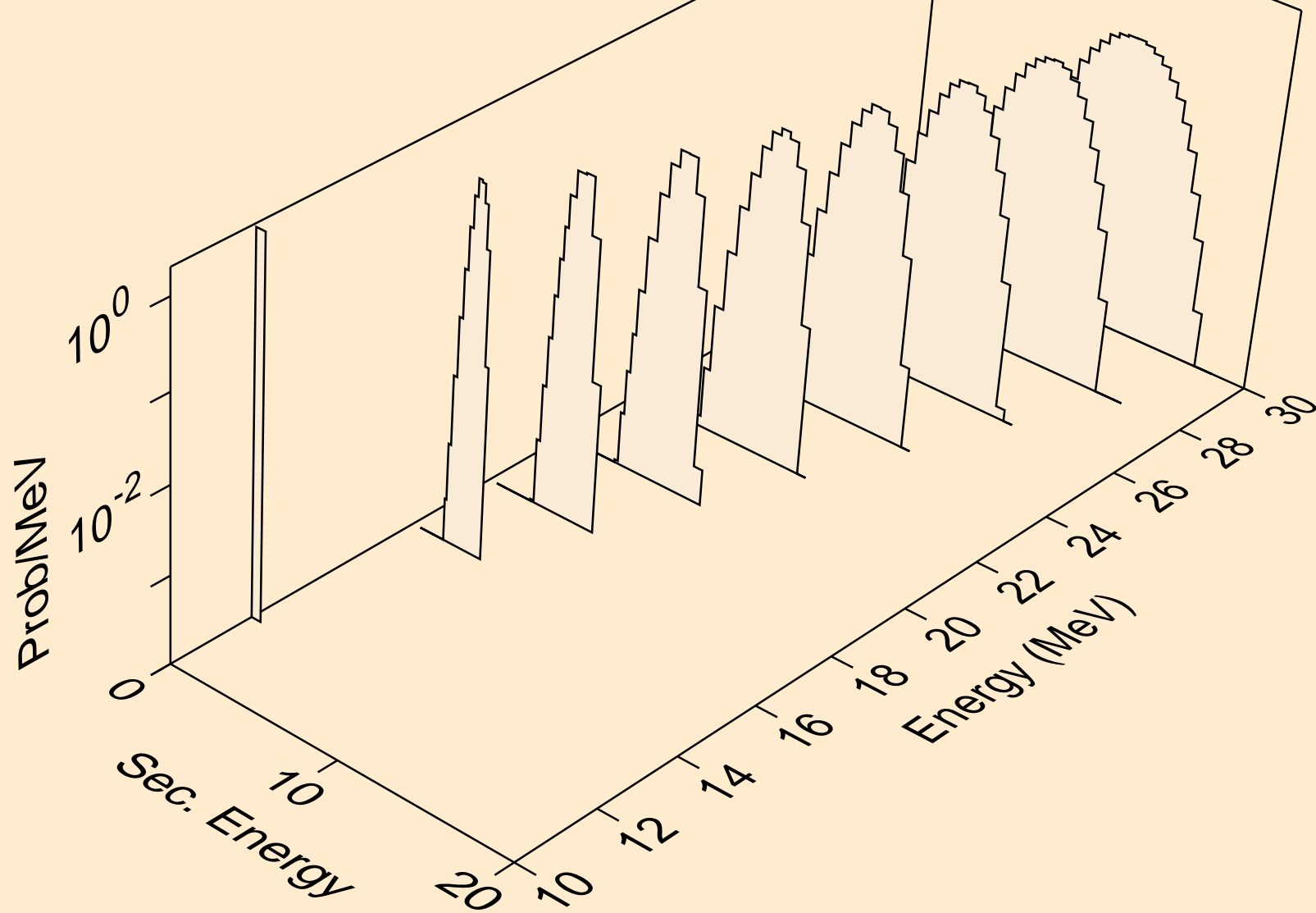
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



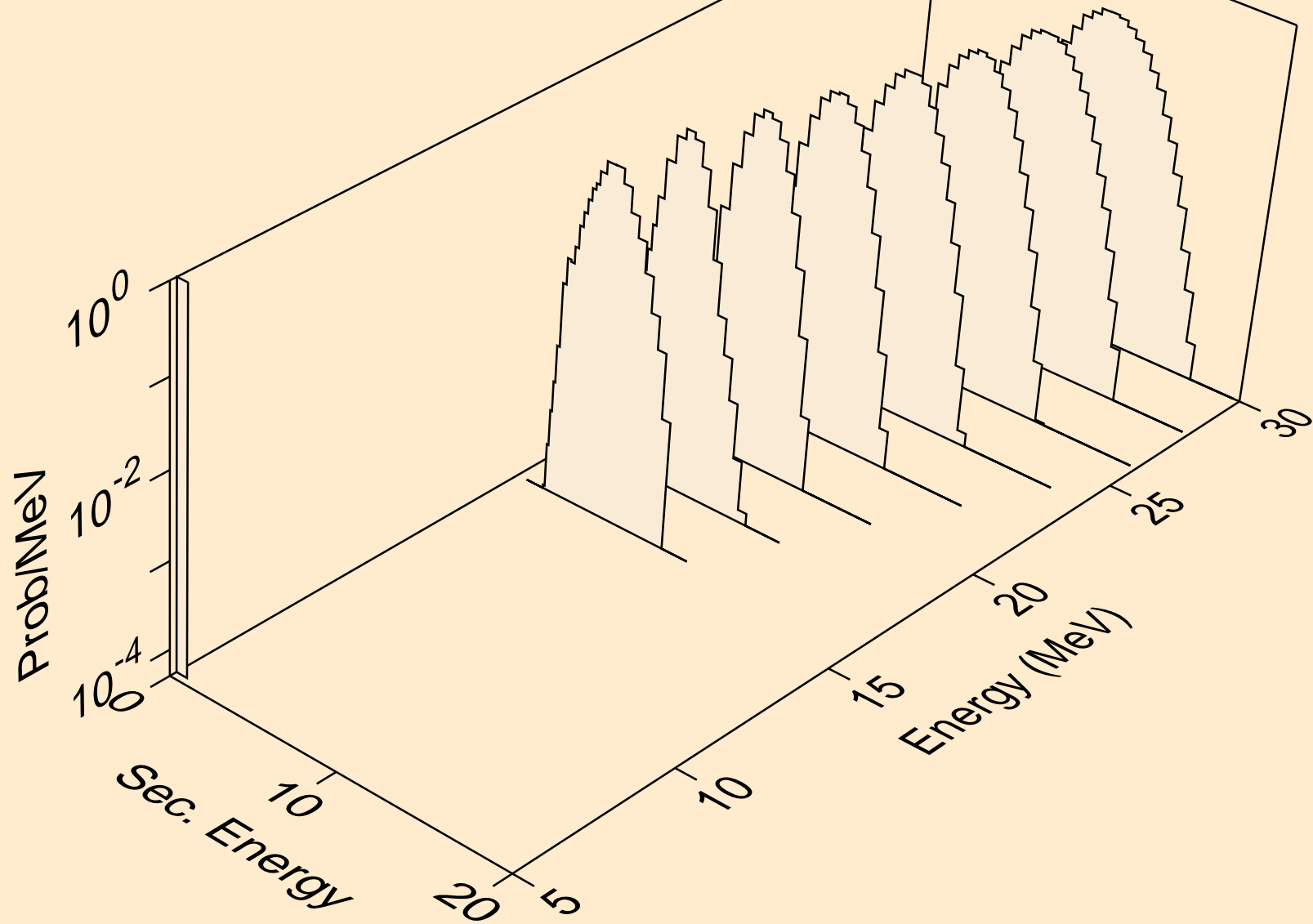
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



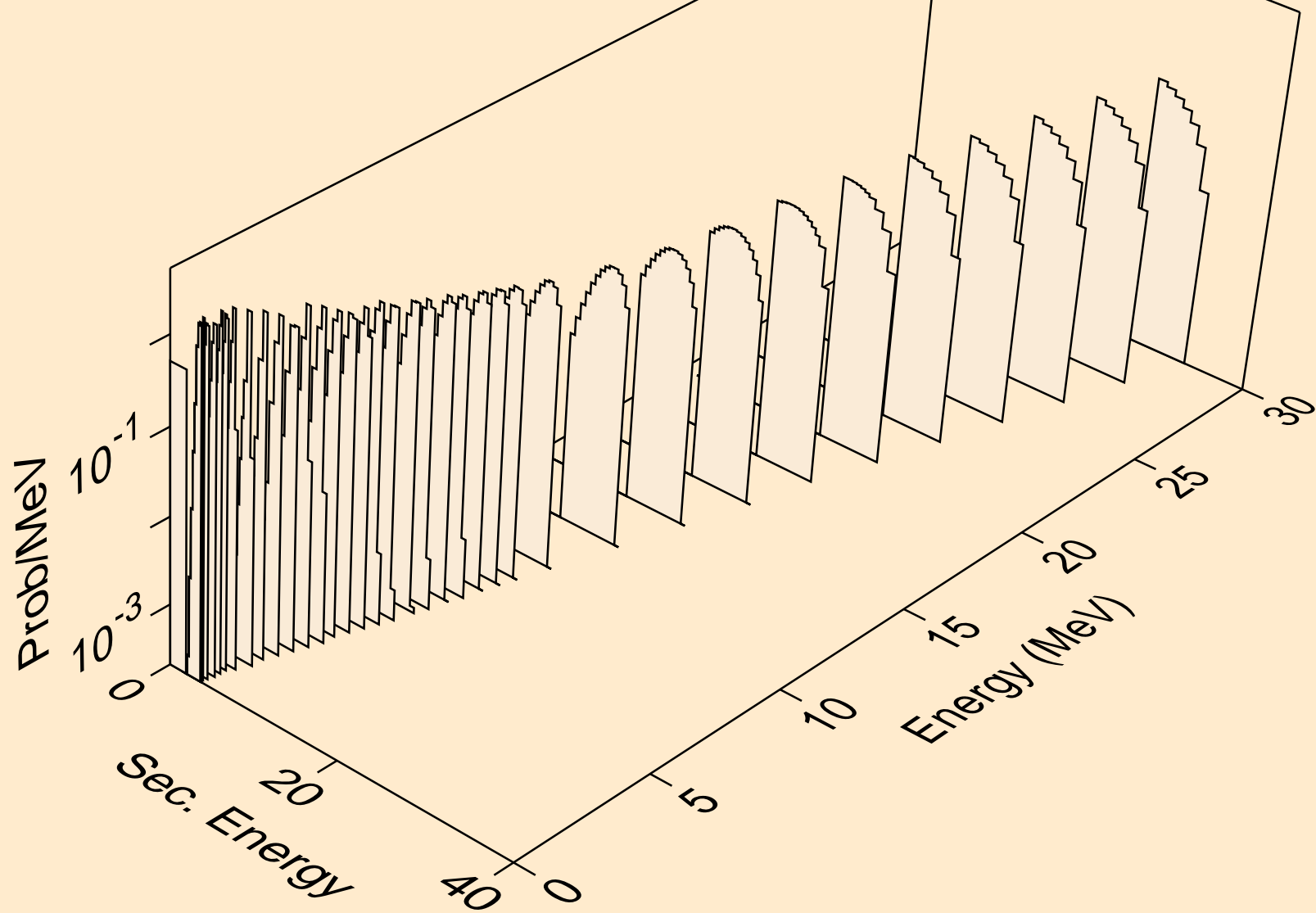
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



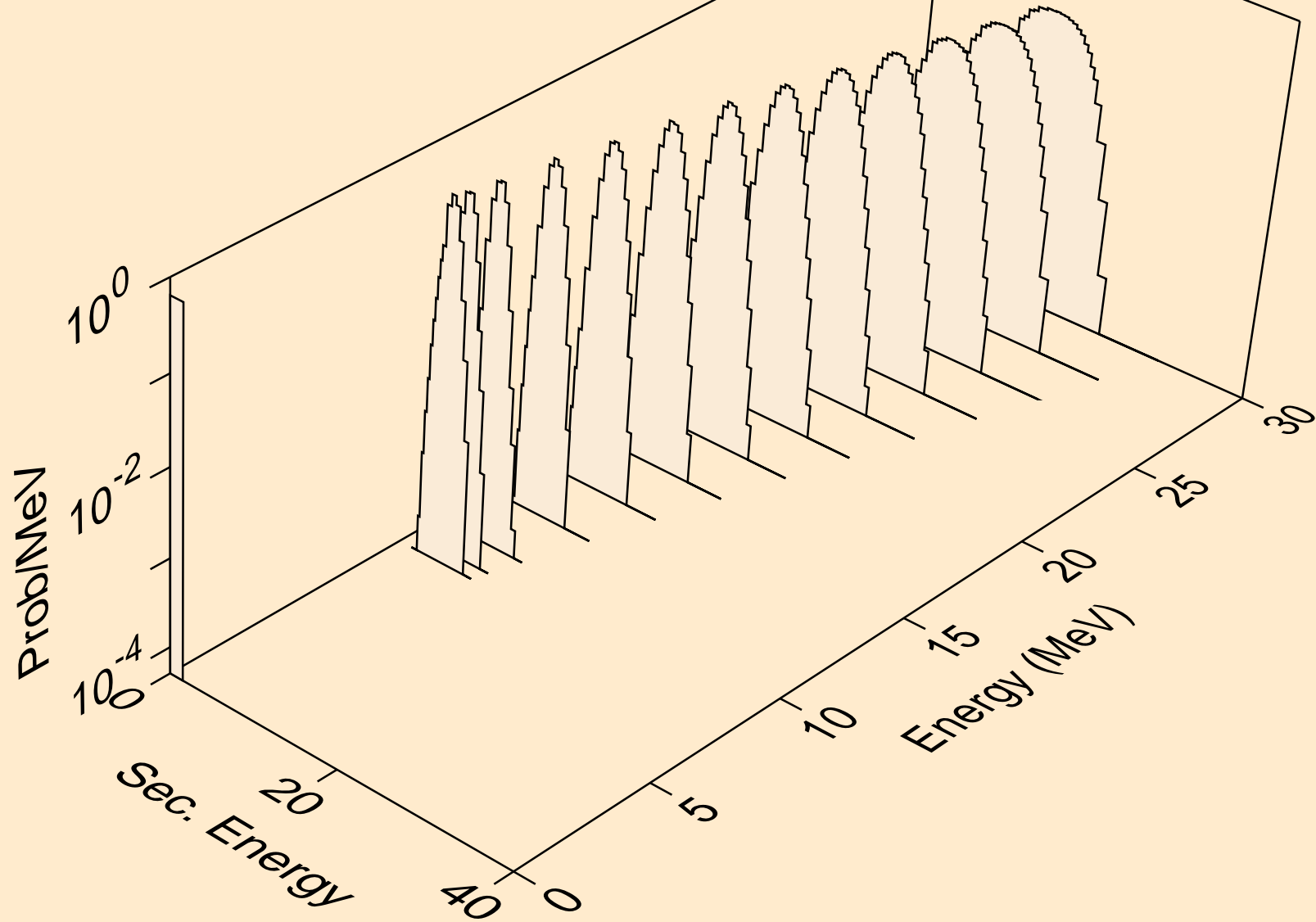
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protons from (n,n2p)



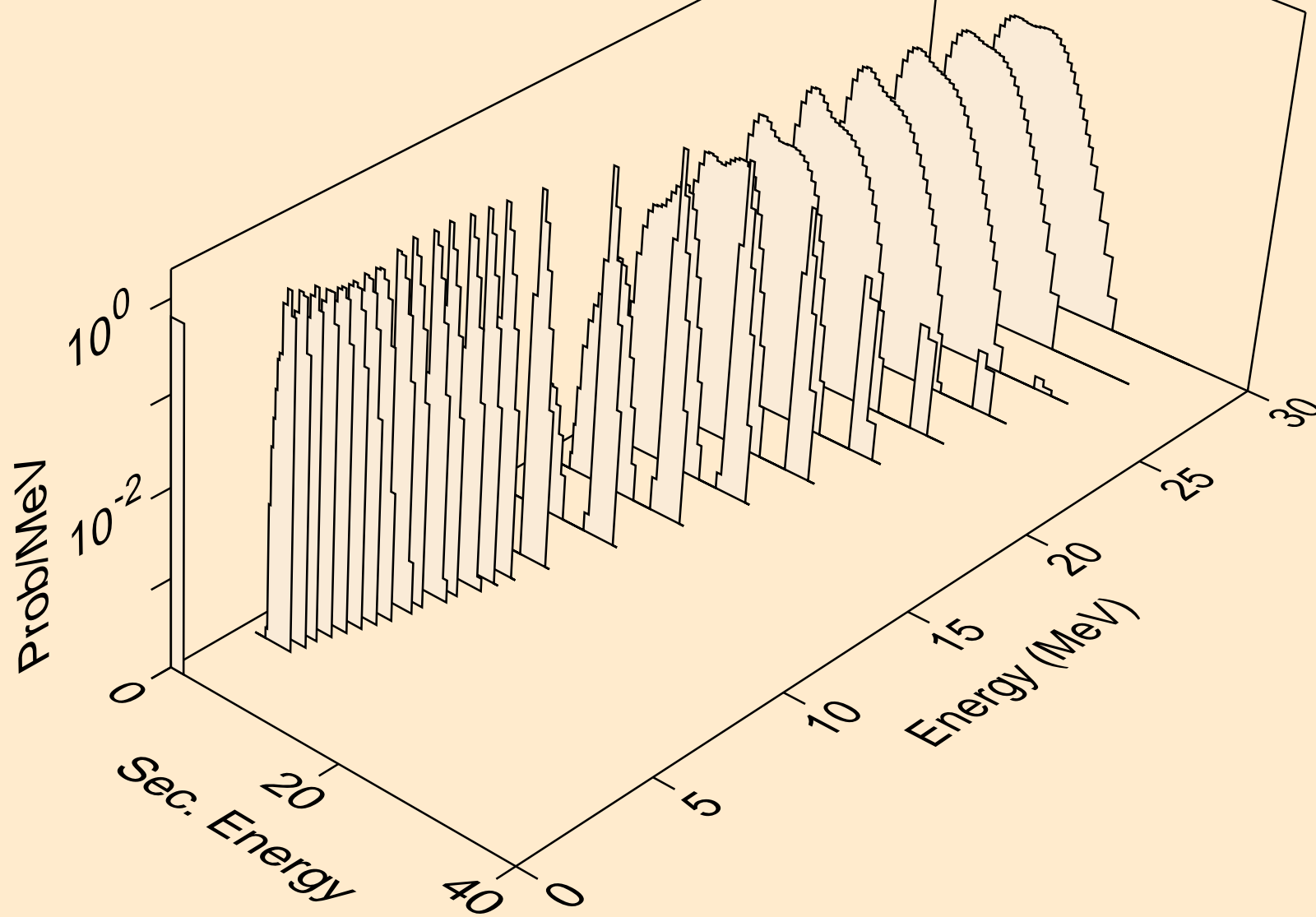
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protons from (n,p)



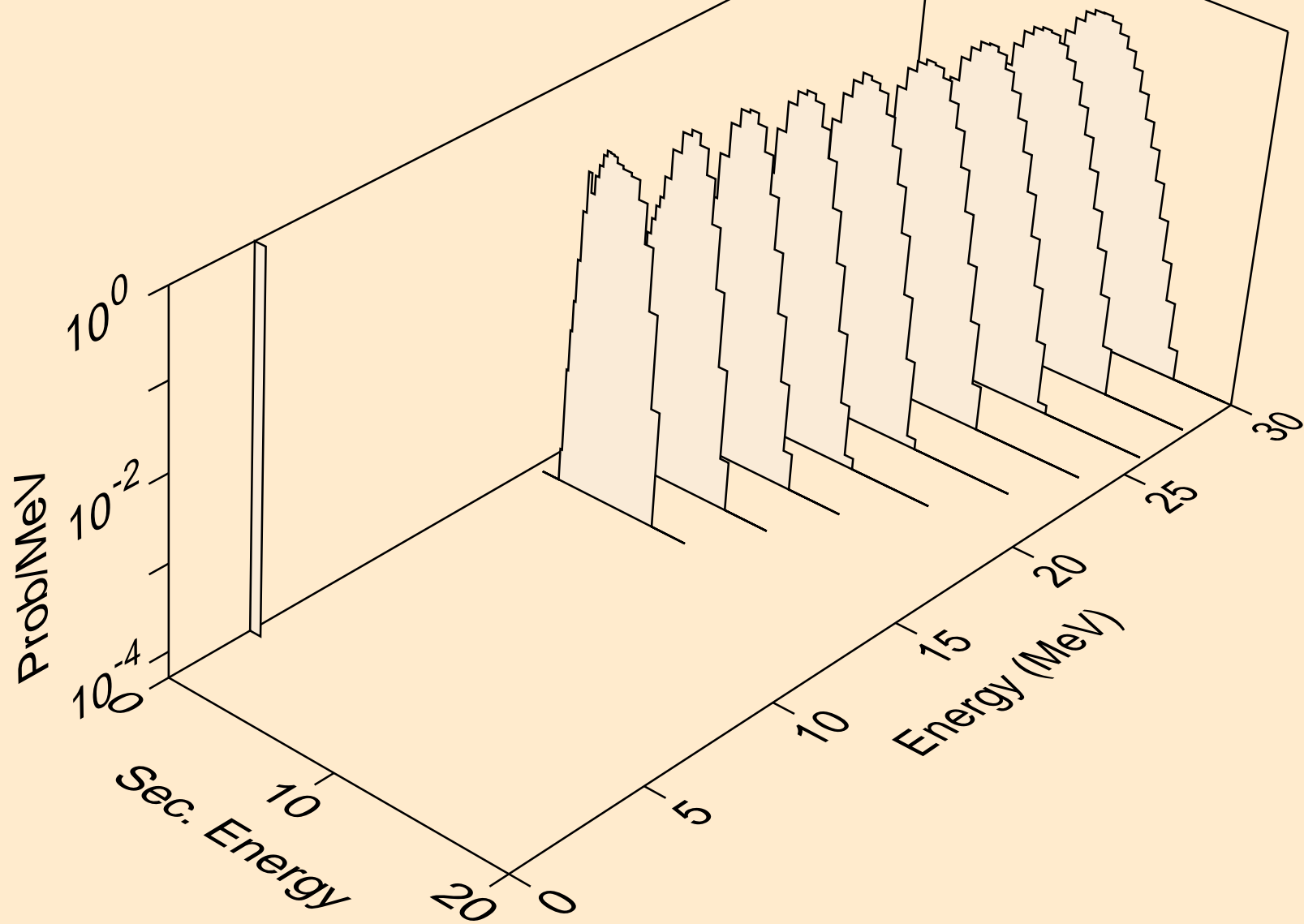
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protons from (n,2p)



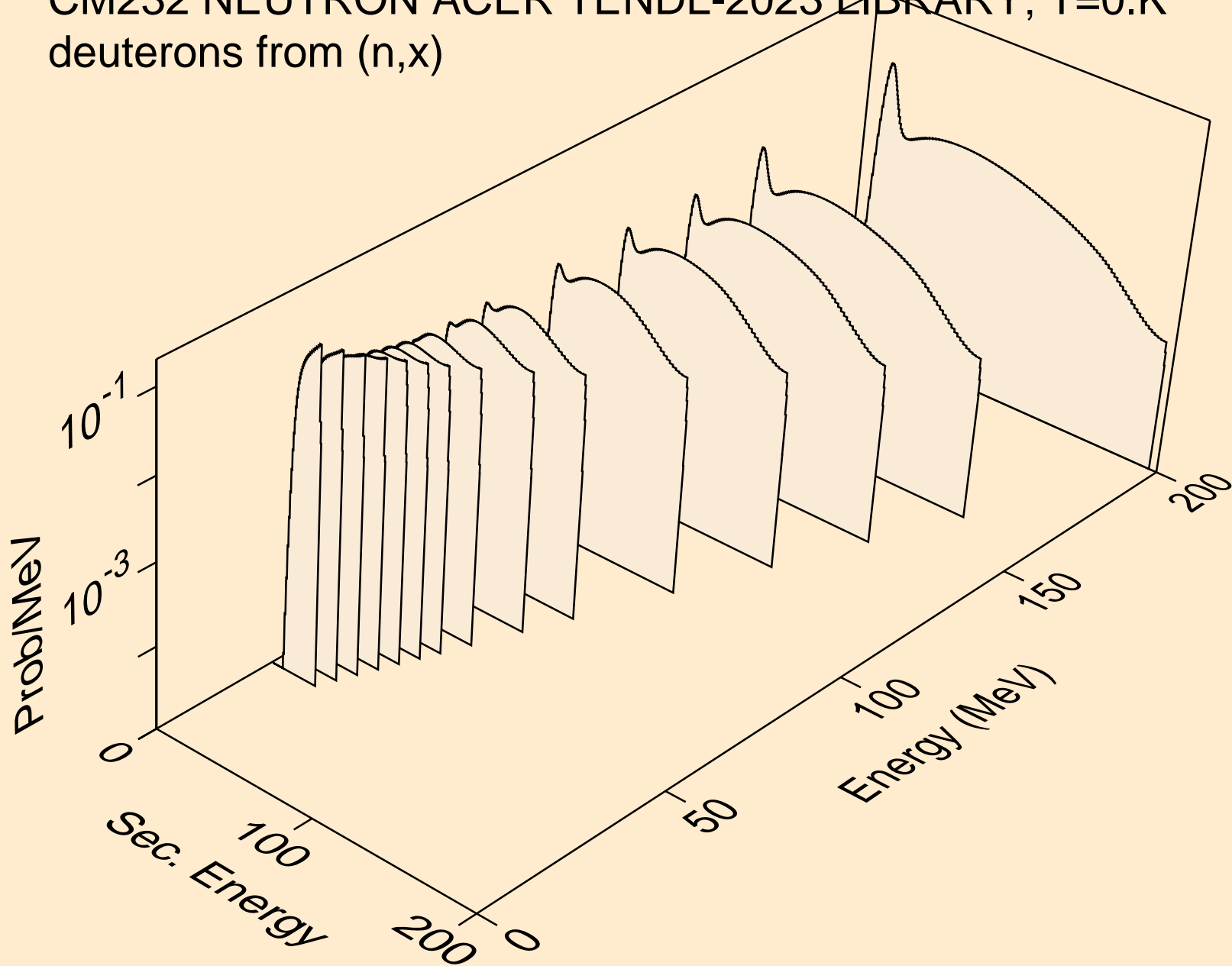
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protons from (n,p)



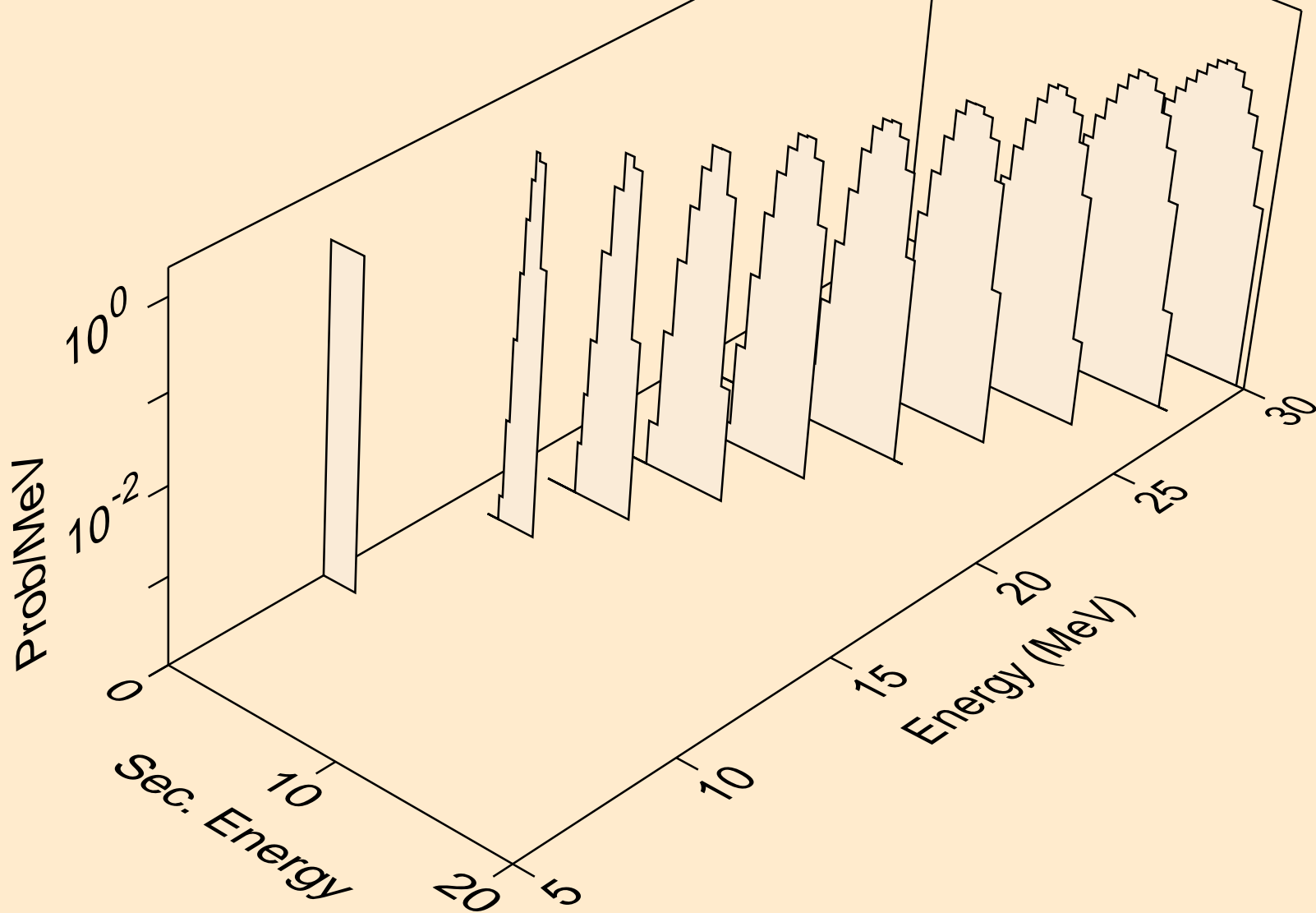
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protons from (n,pd)



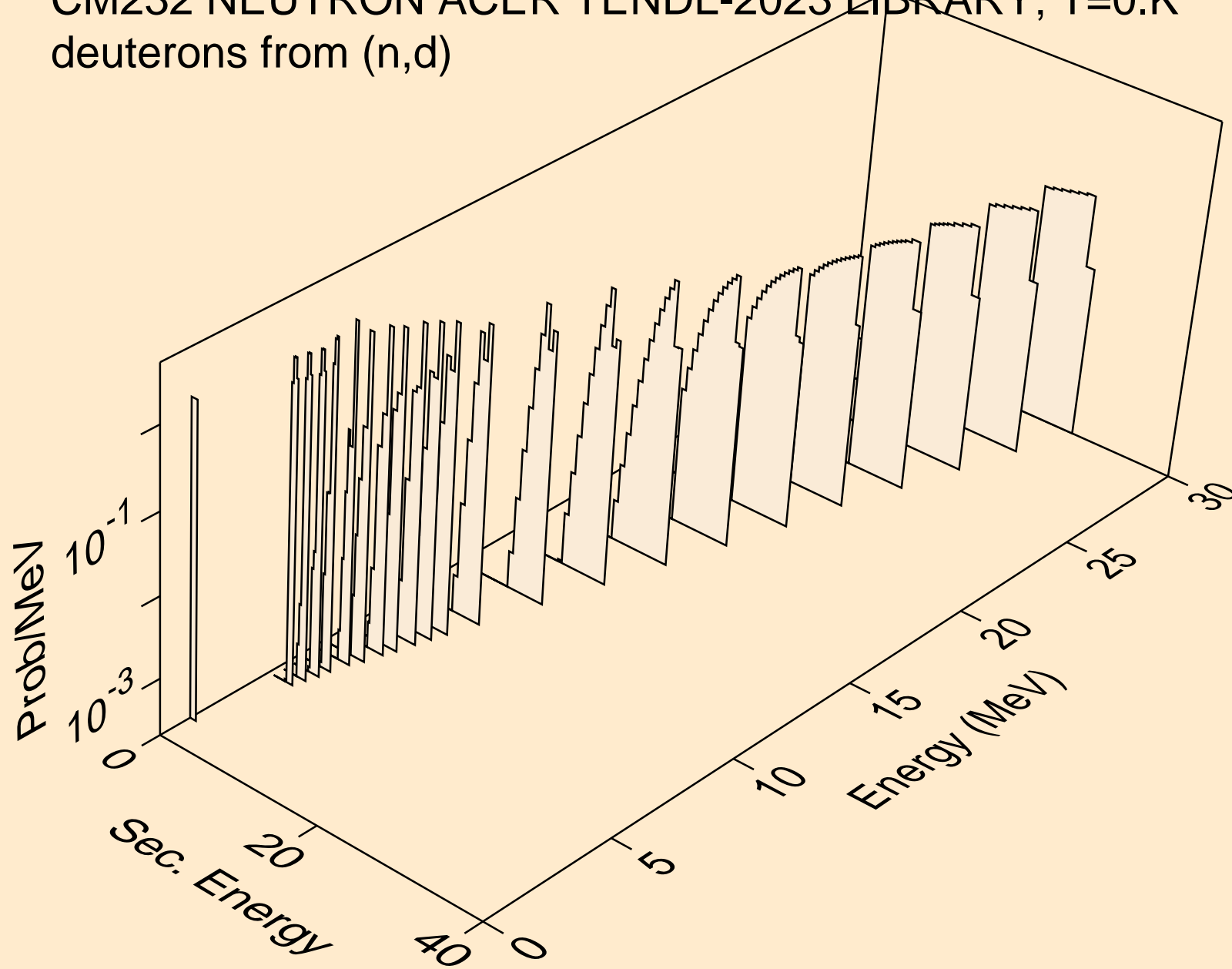
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



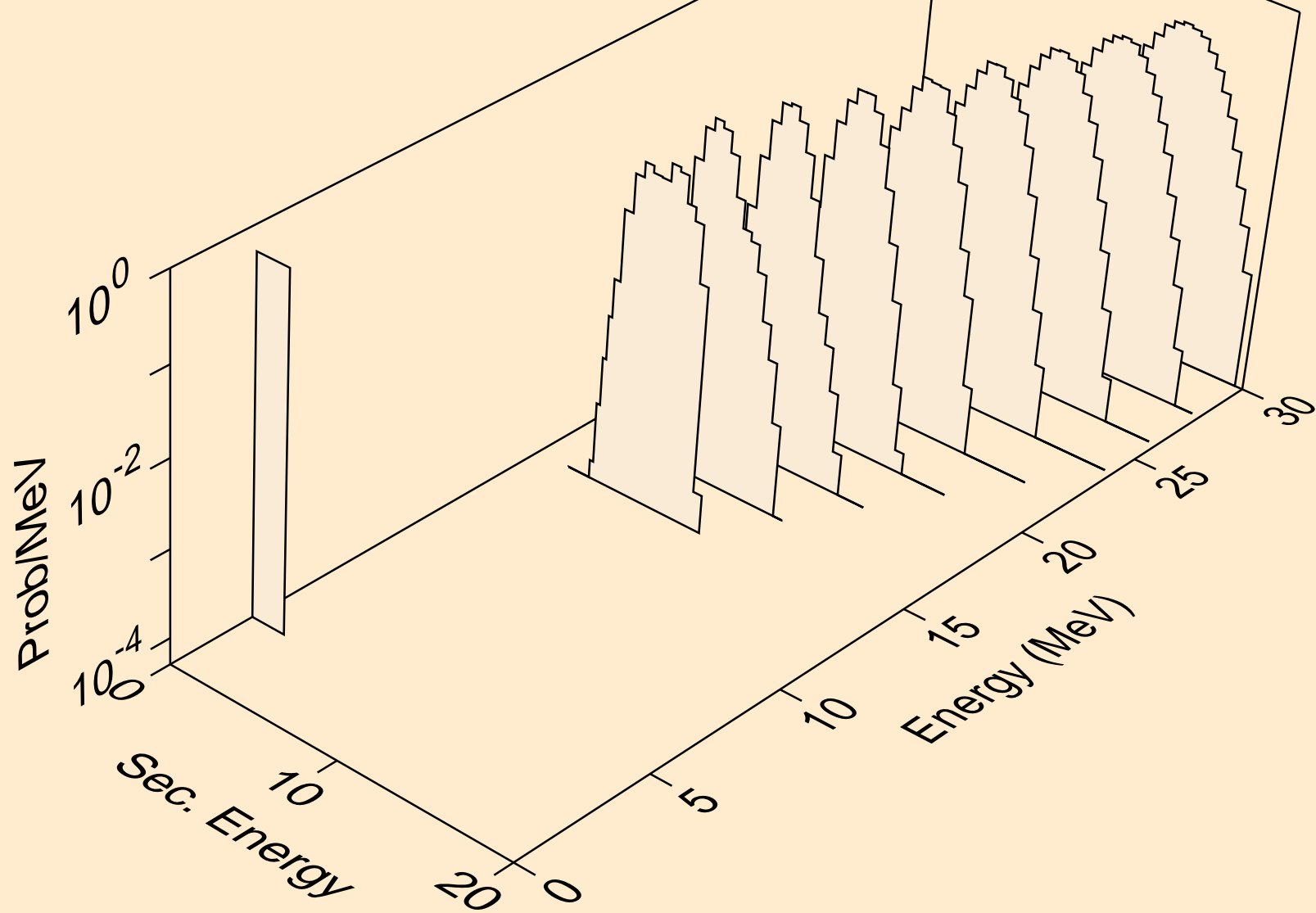
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



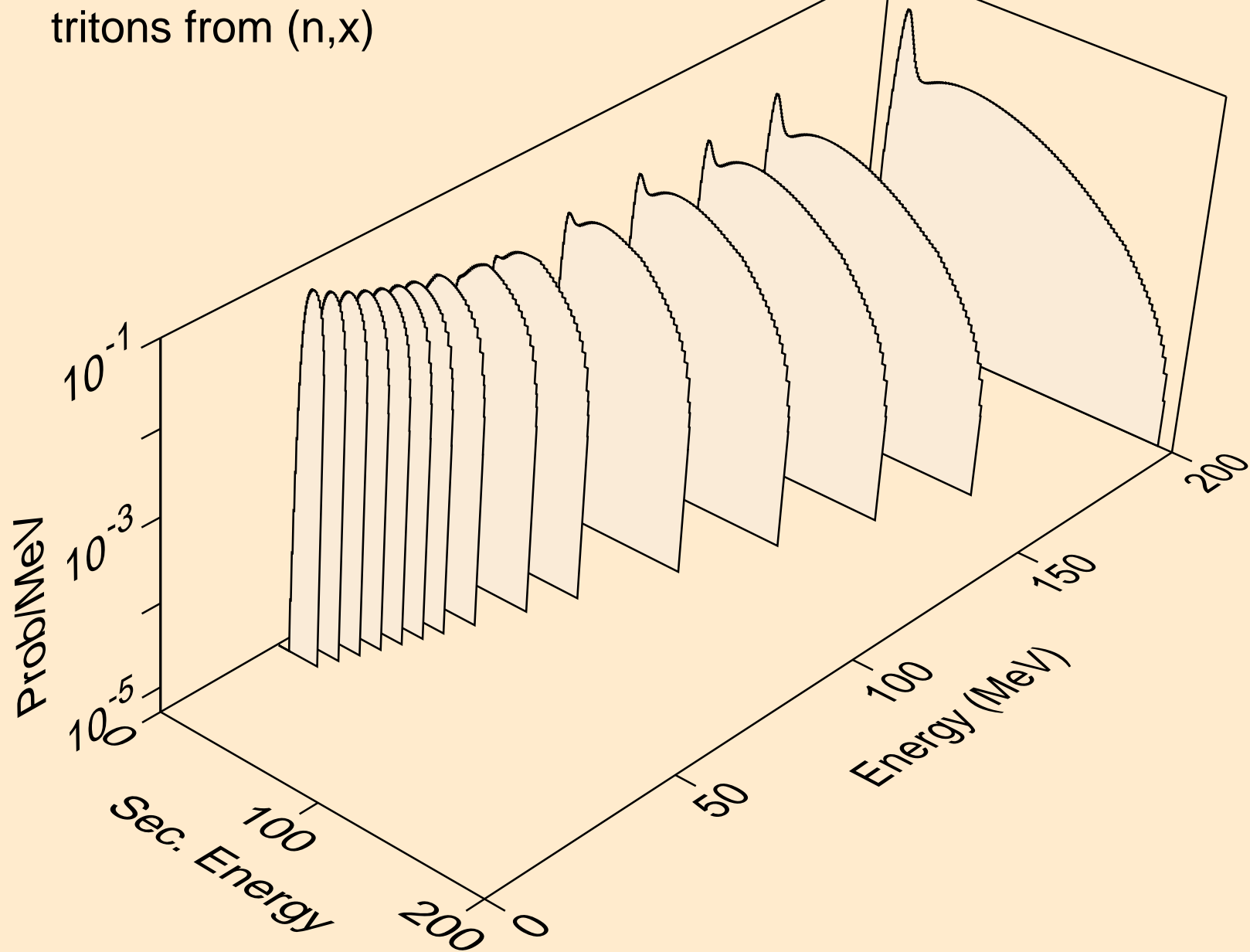
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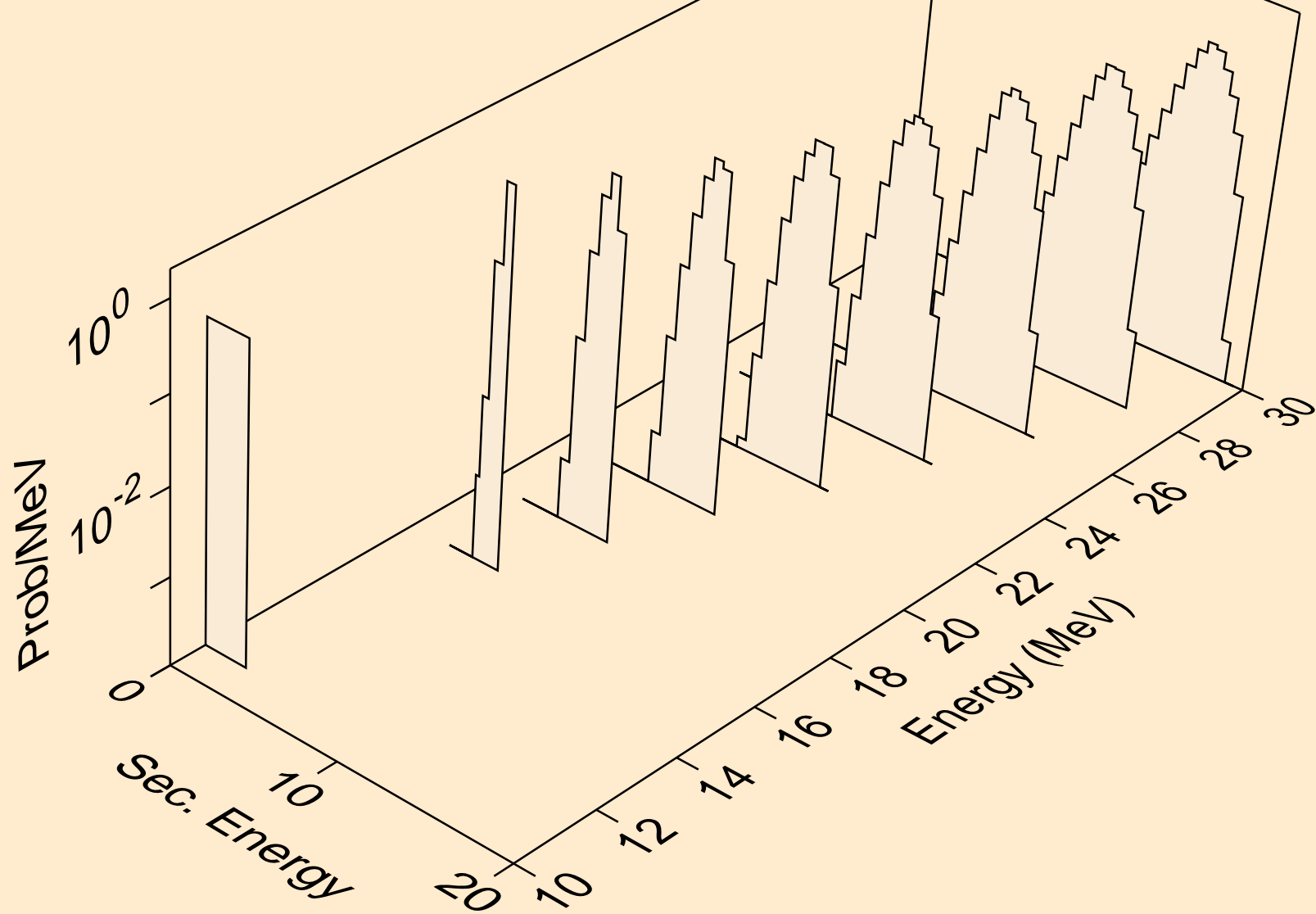
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deuterons from (n,pd)



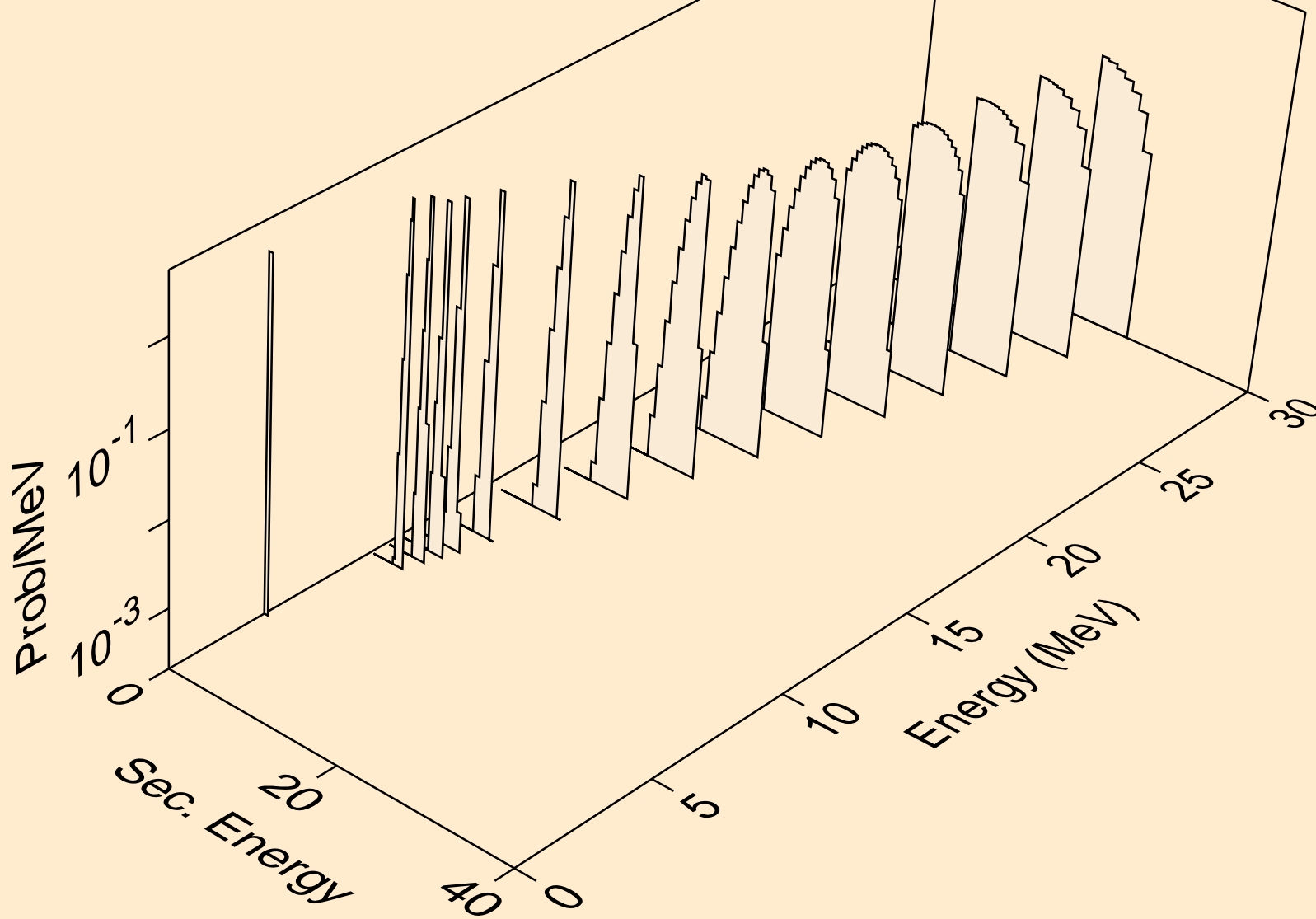
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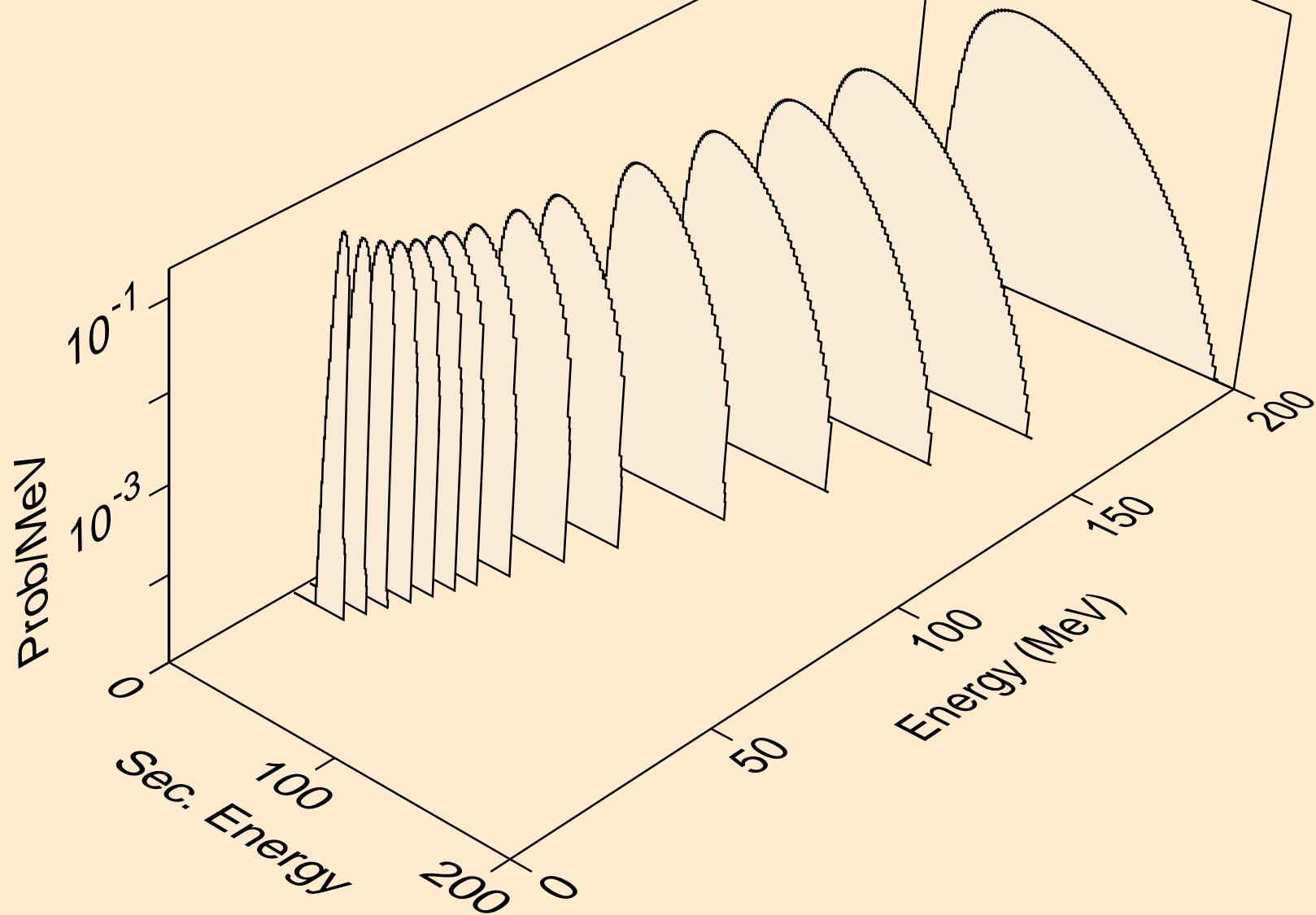
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



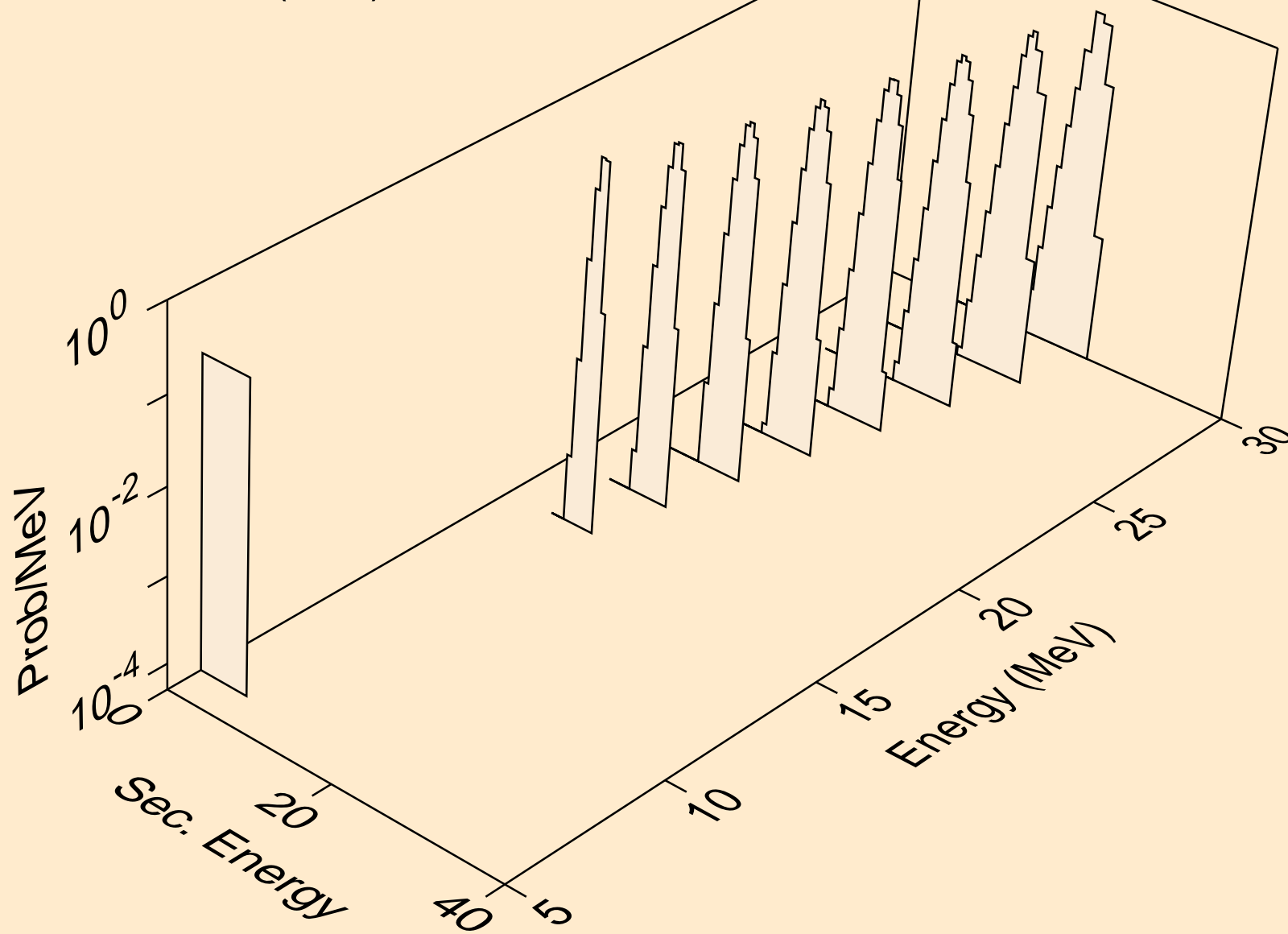
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tritons from (n,t)



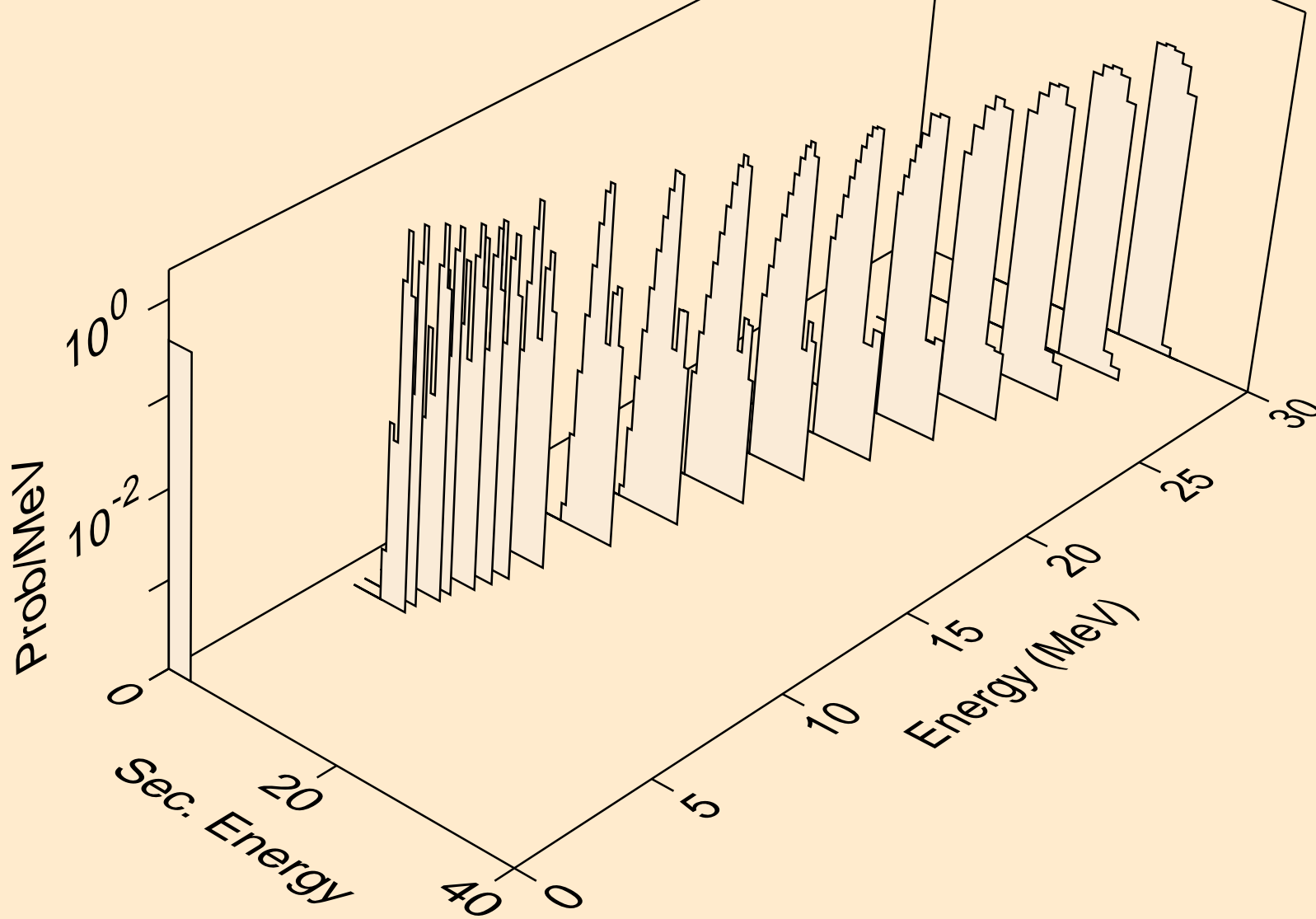
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



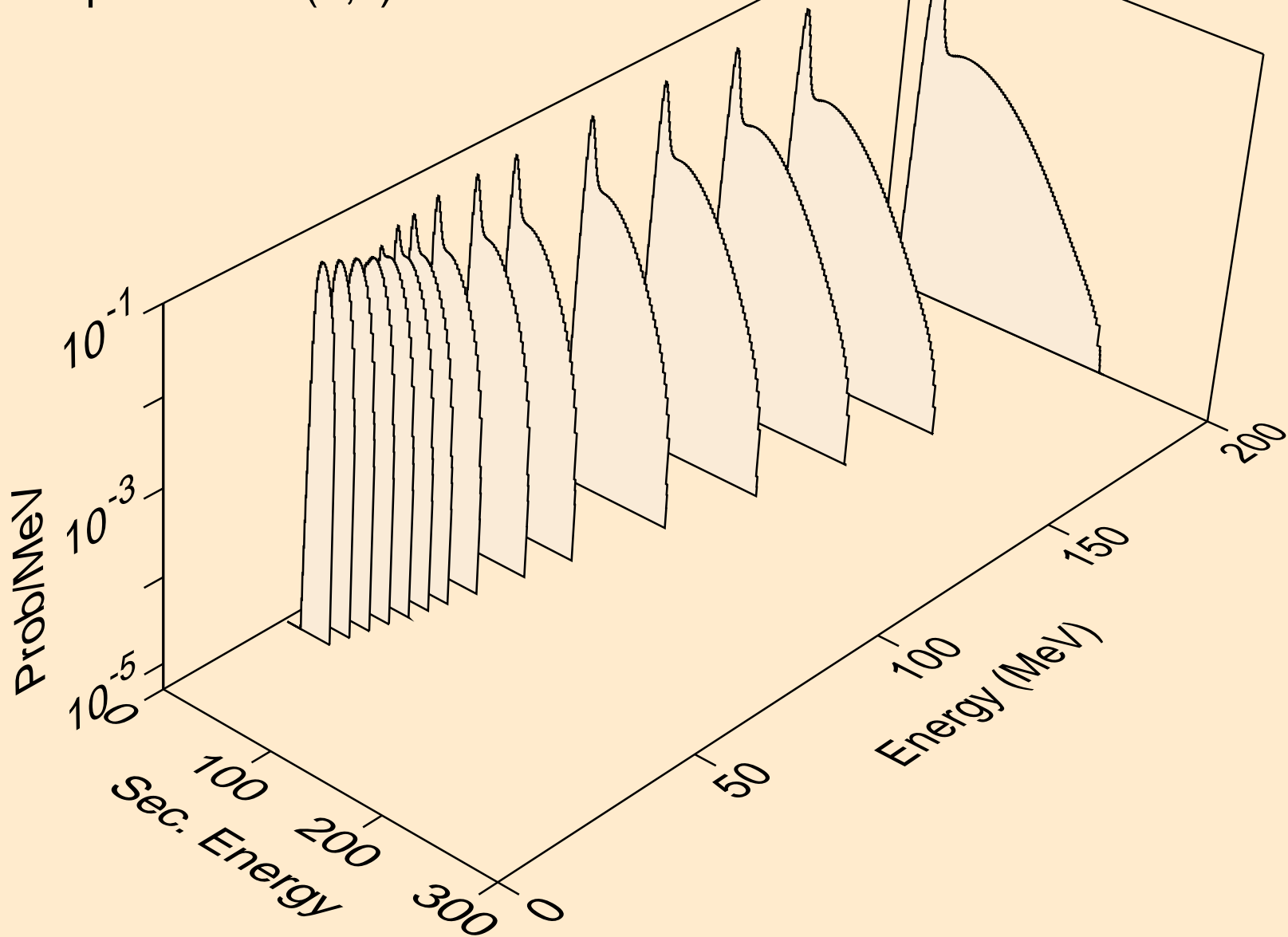
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he3s from (n,n\*)he3



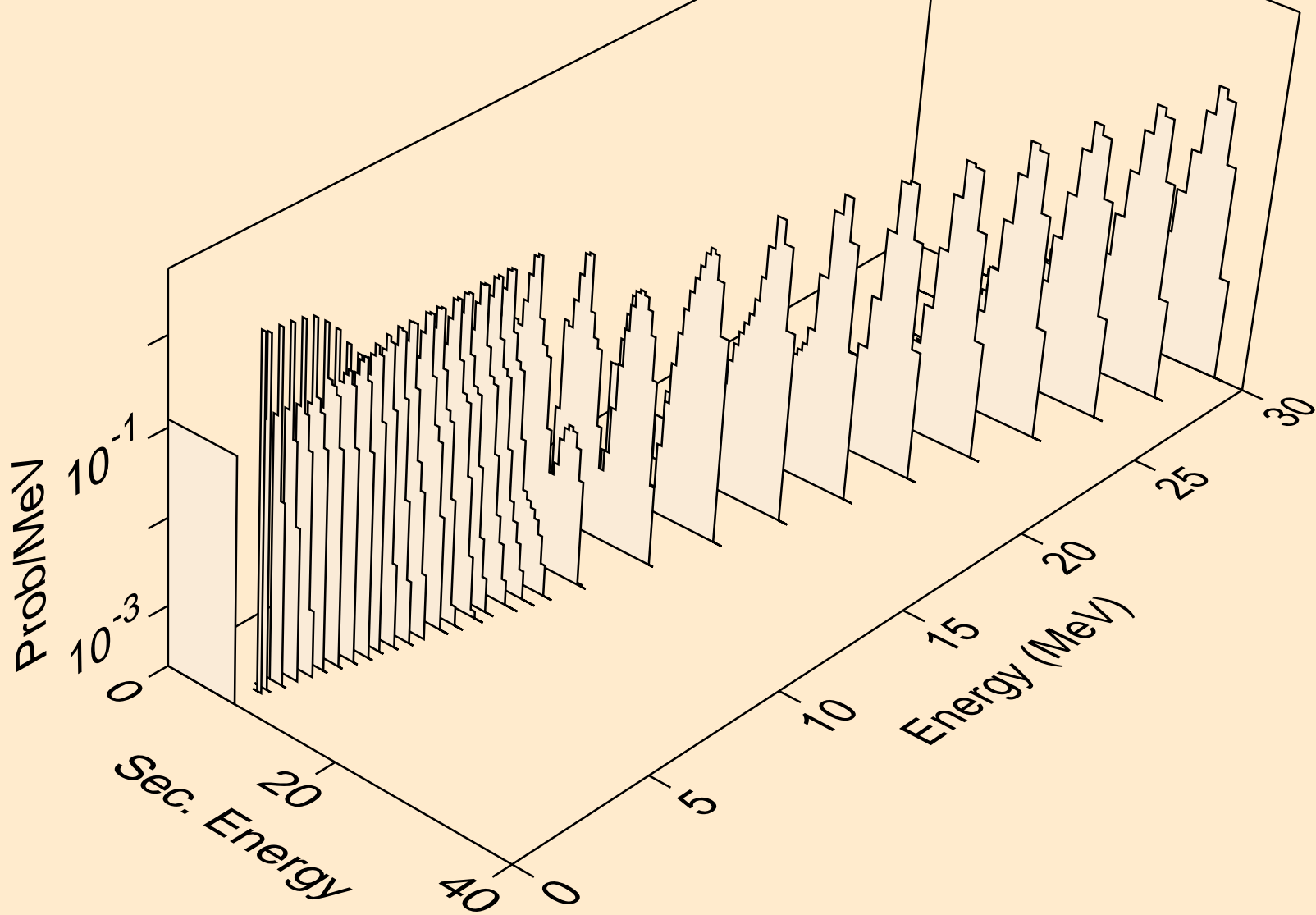
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he3s from (n,he3)



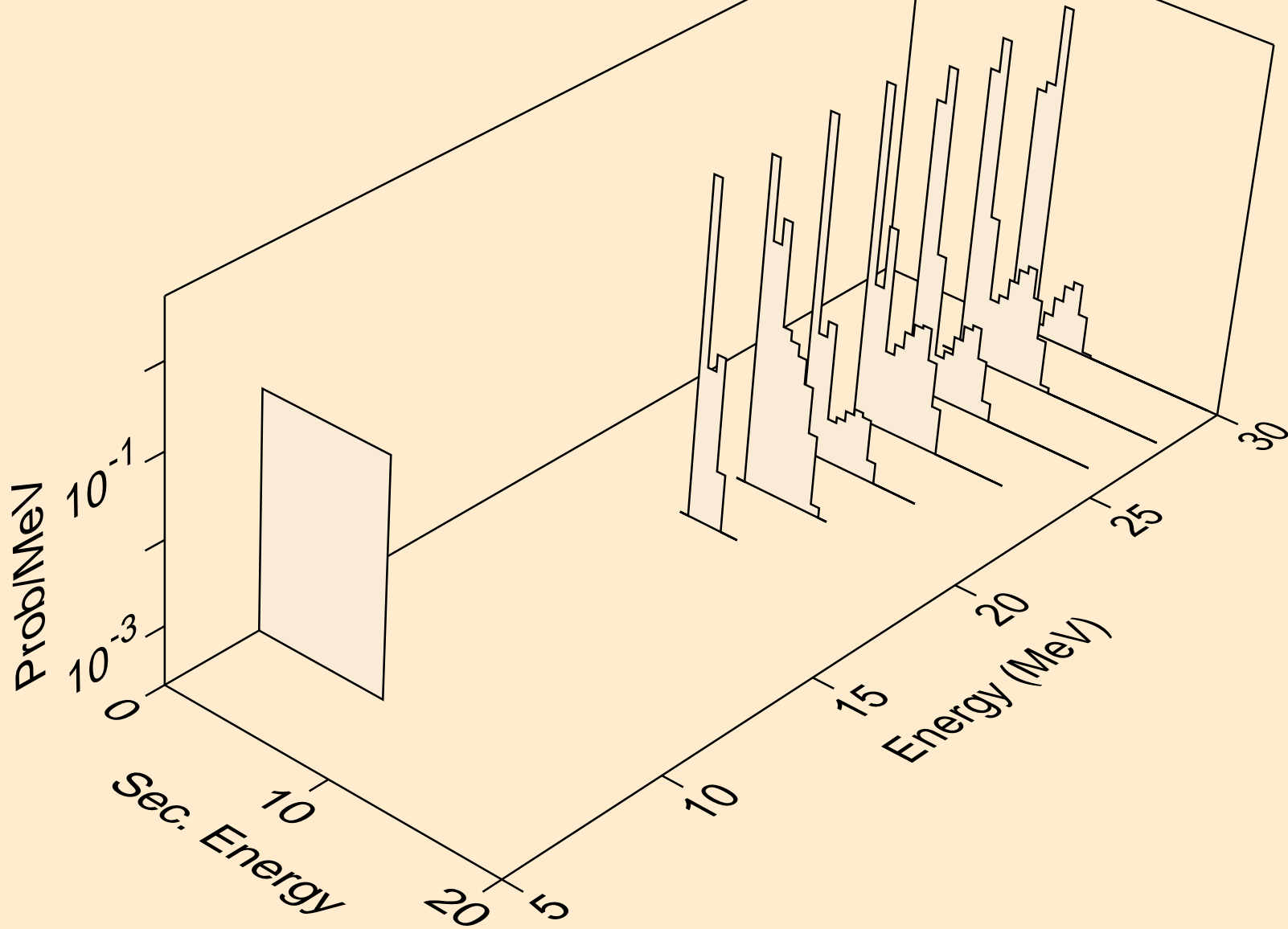
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



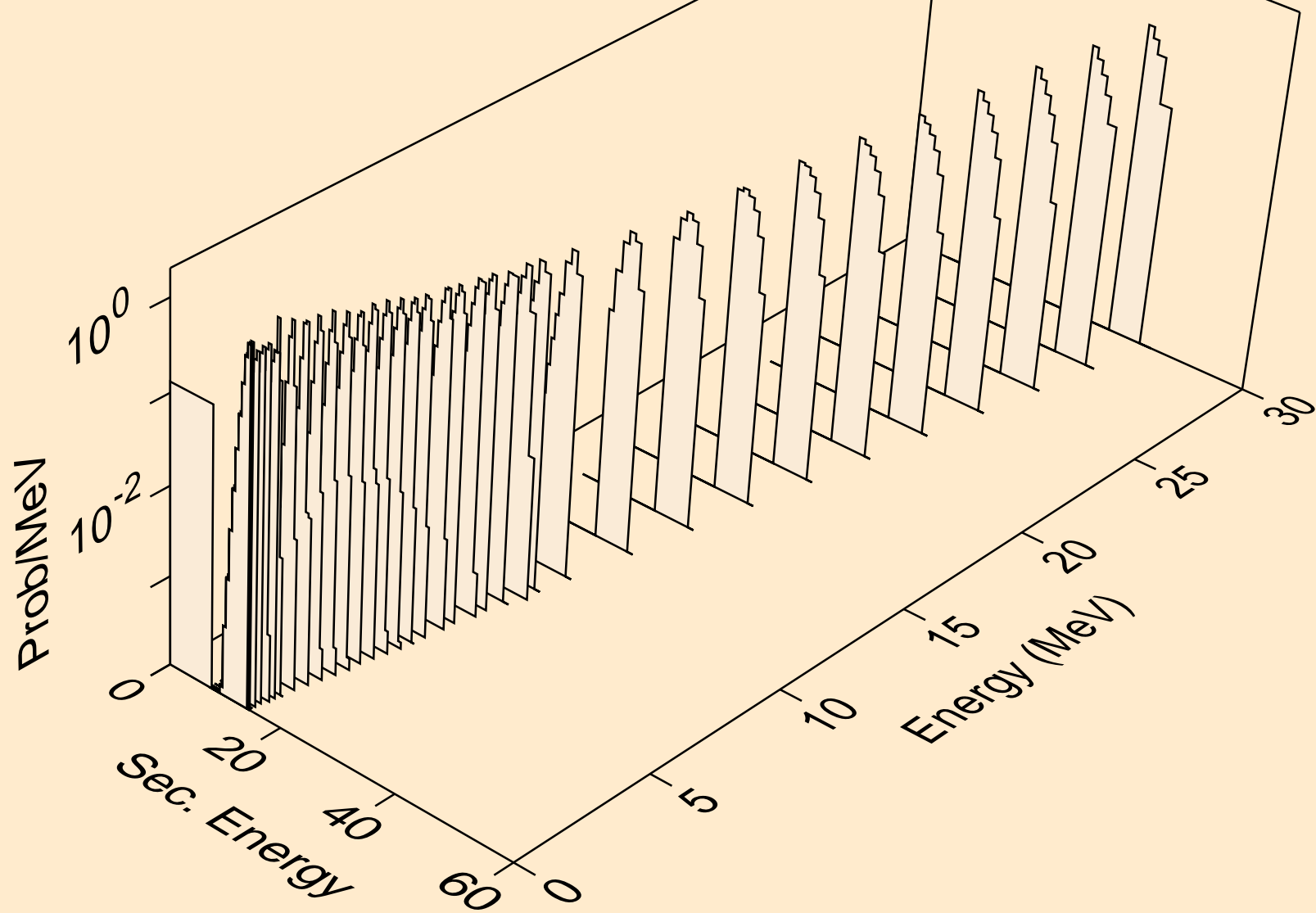
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



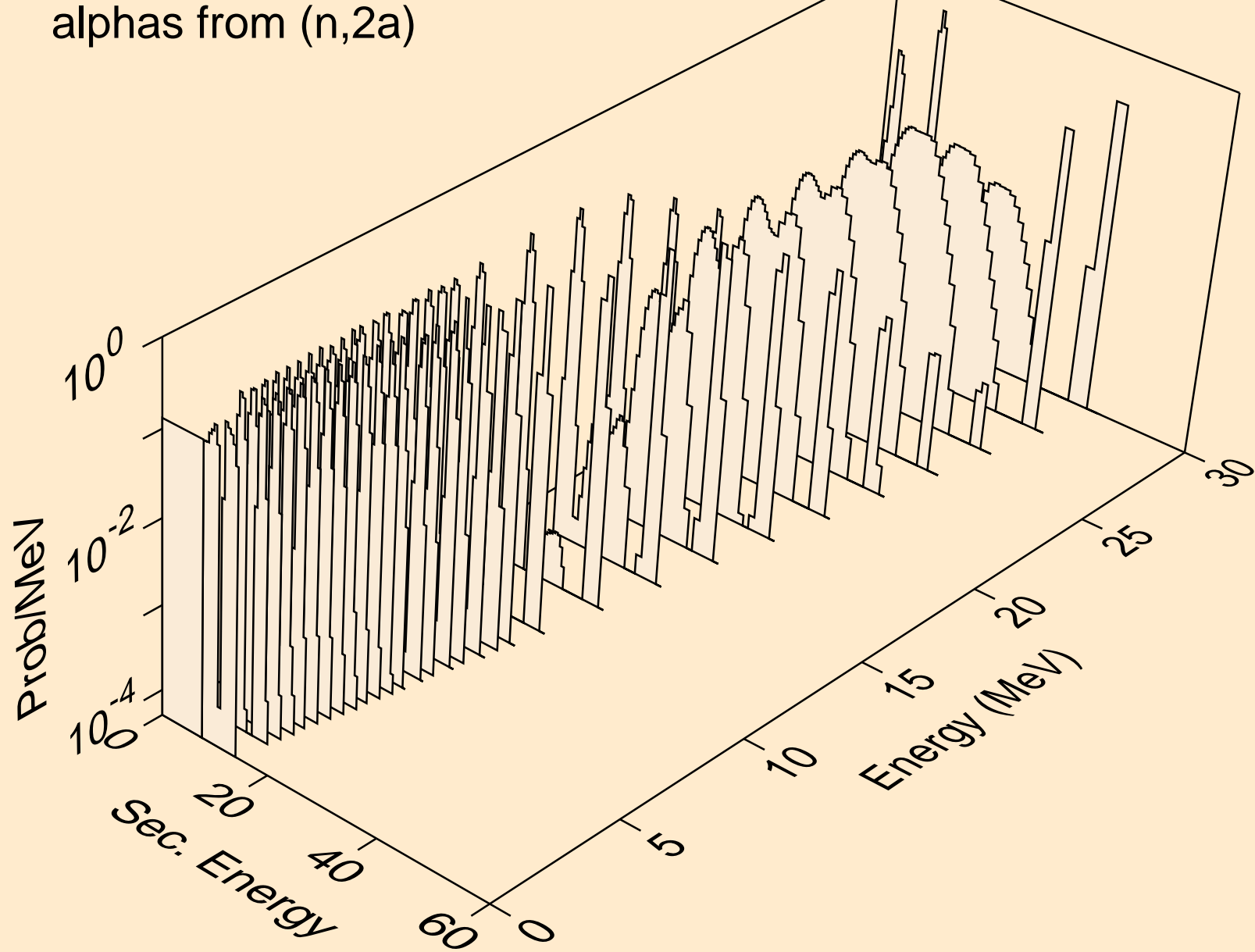
CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



CM232 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)

