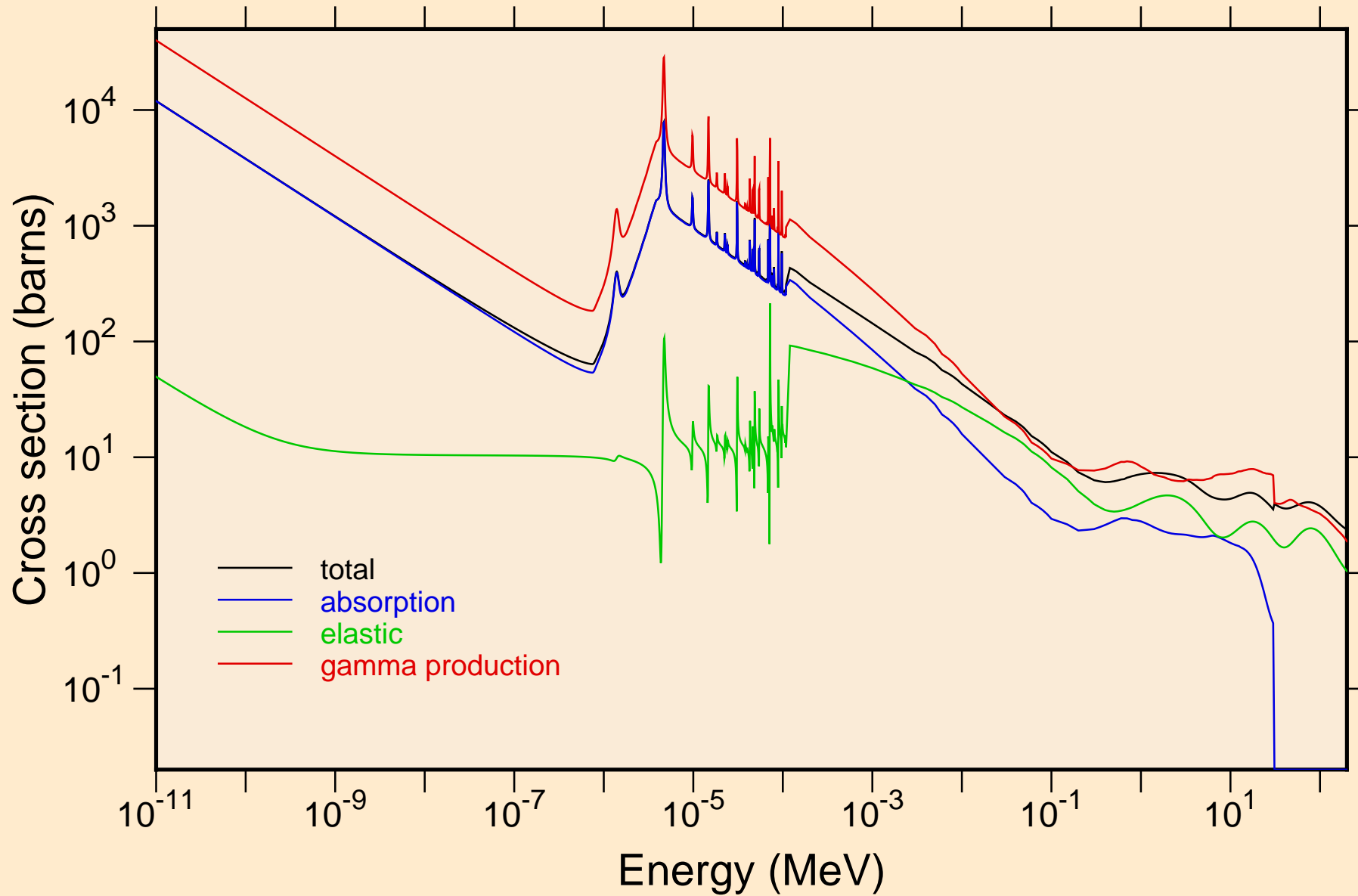
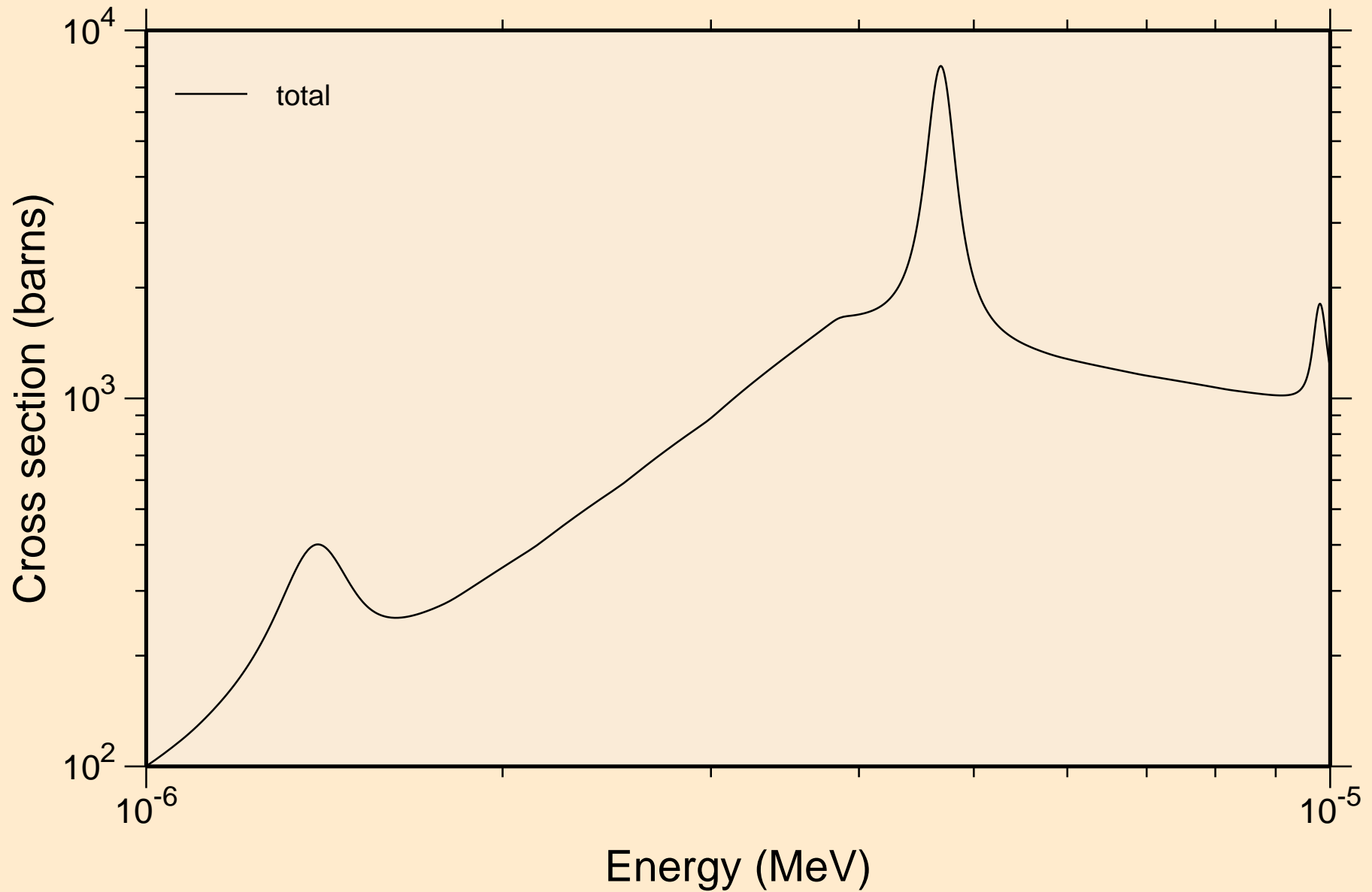


# ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

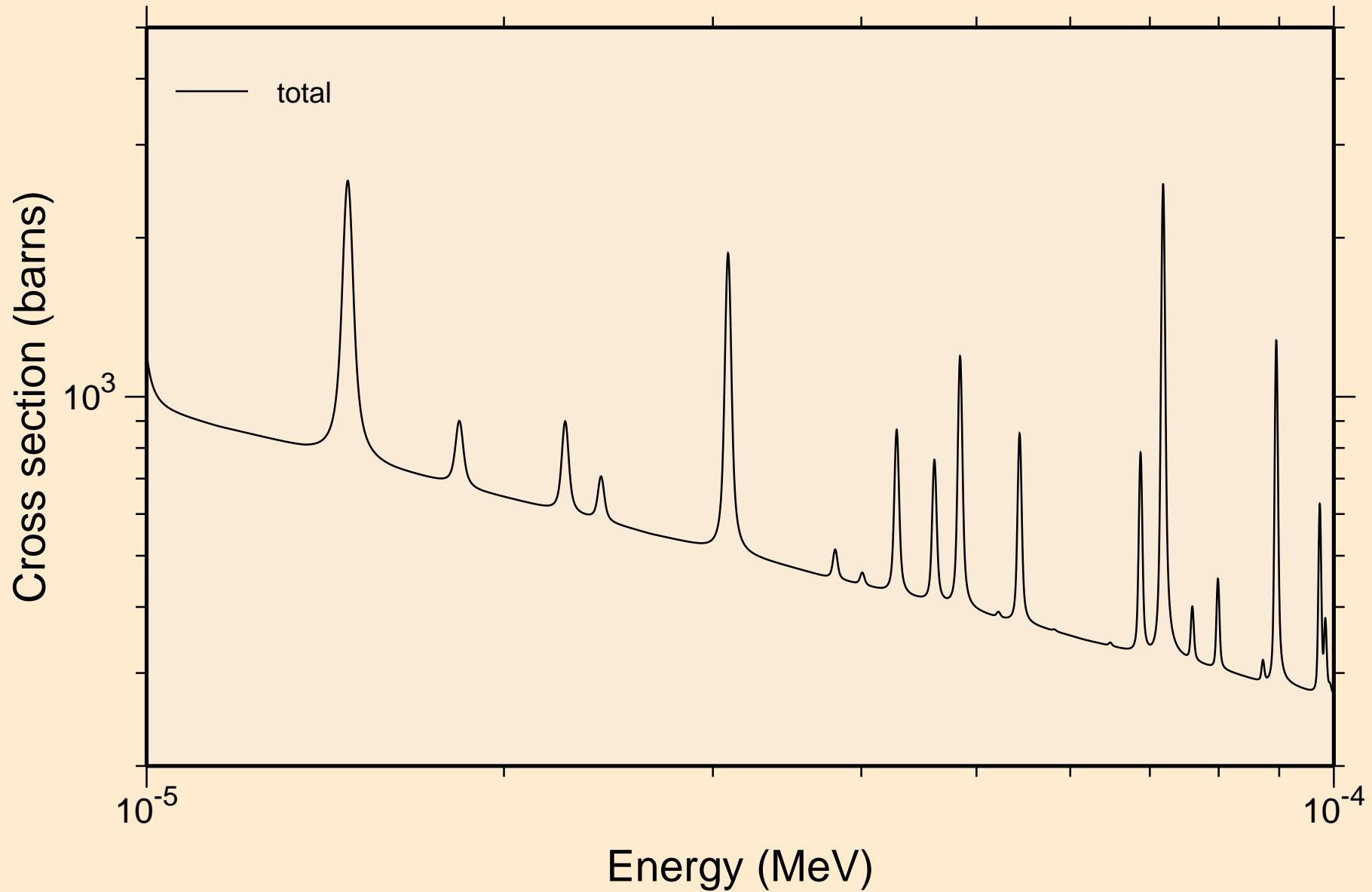
## Principal cross sections



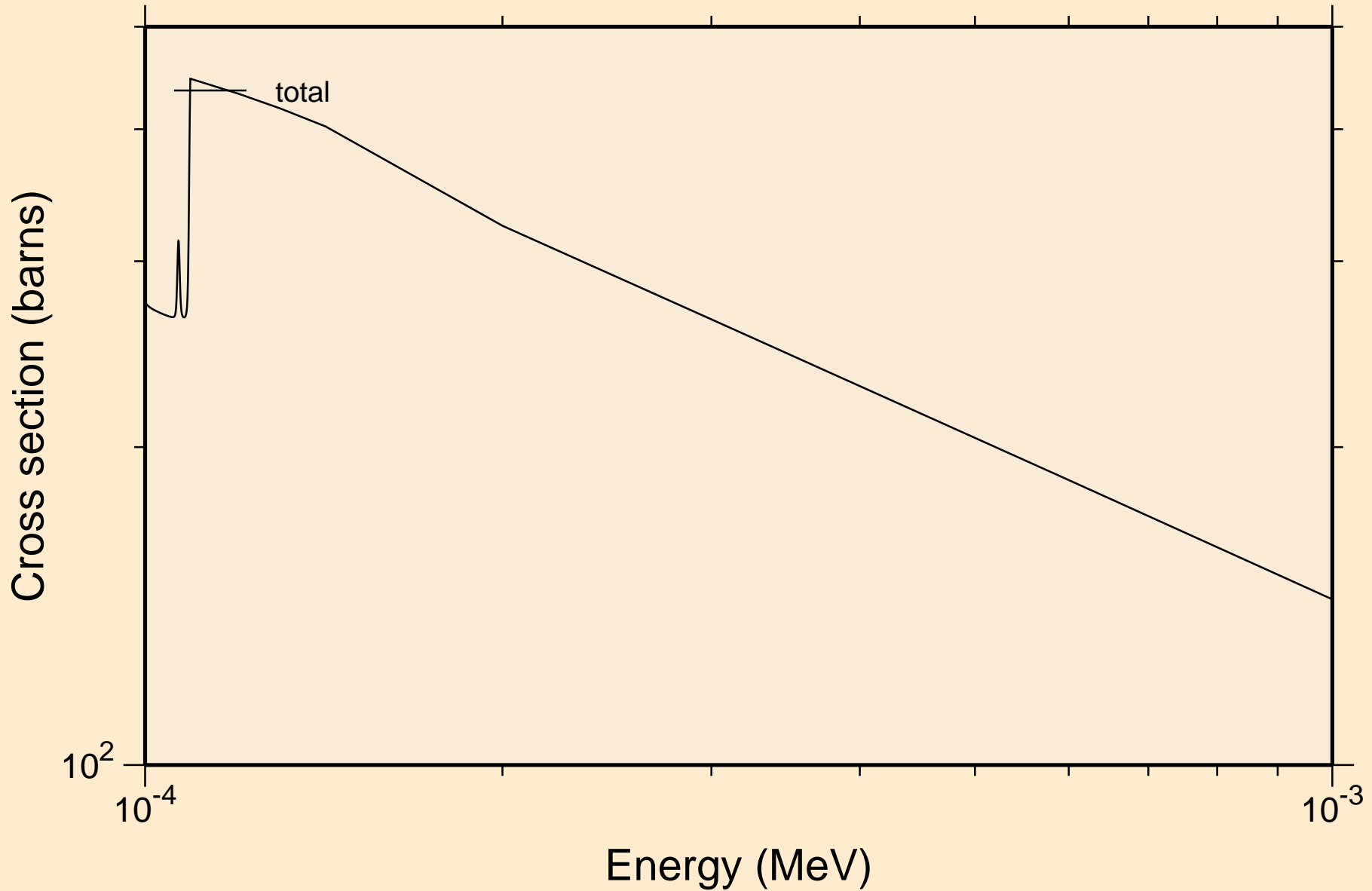
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



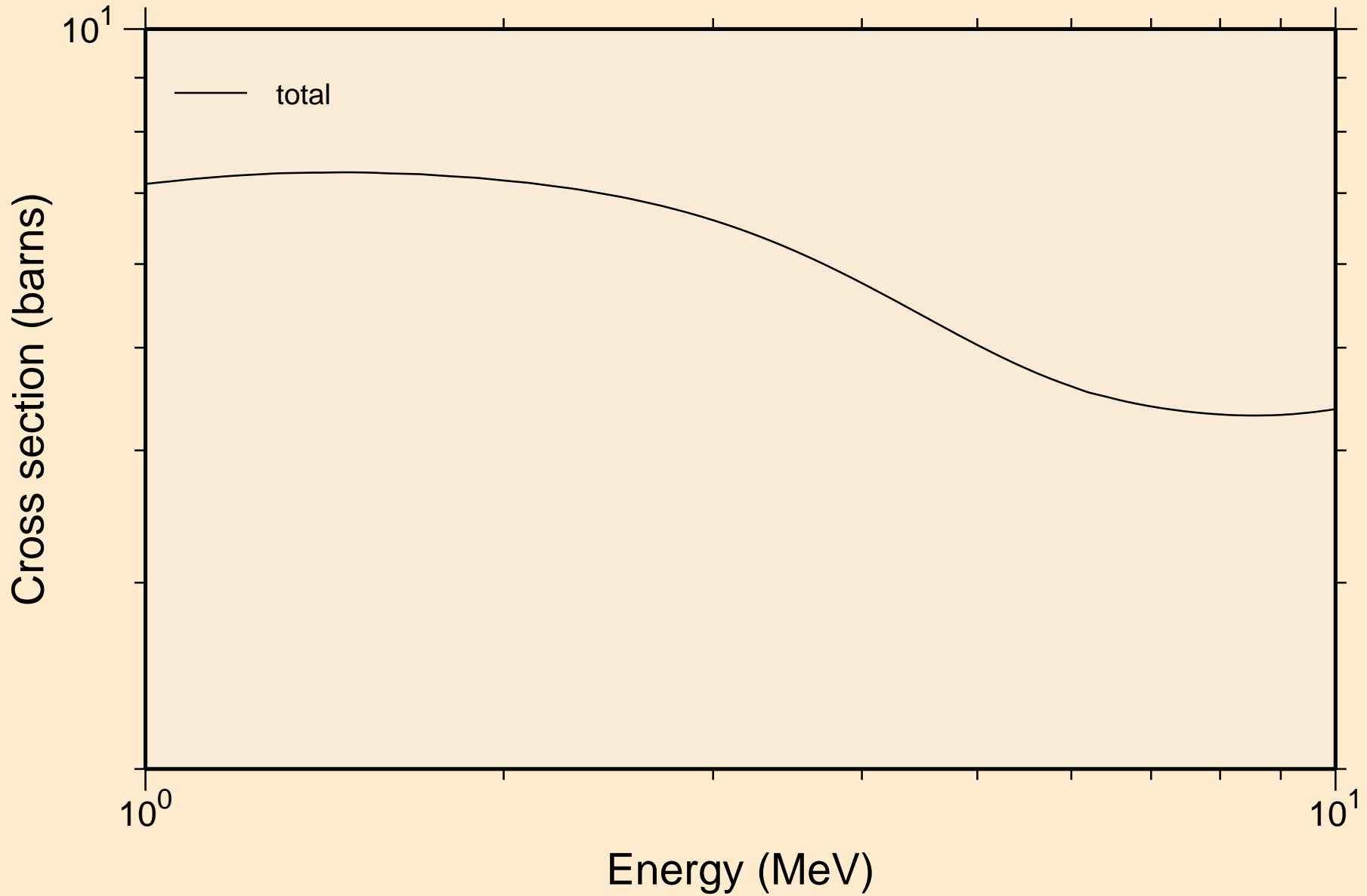
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



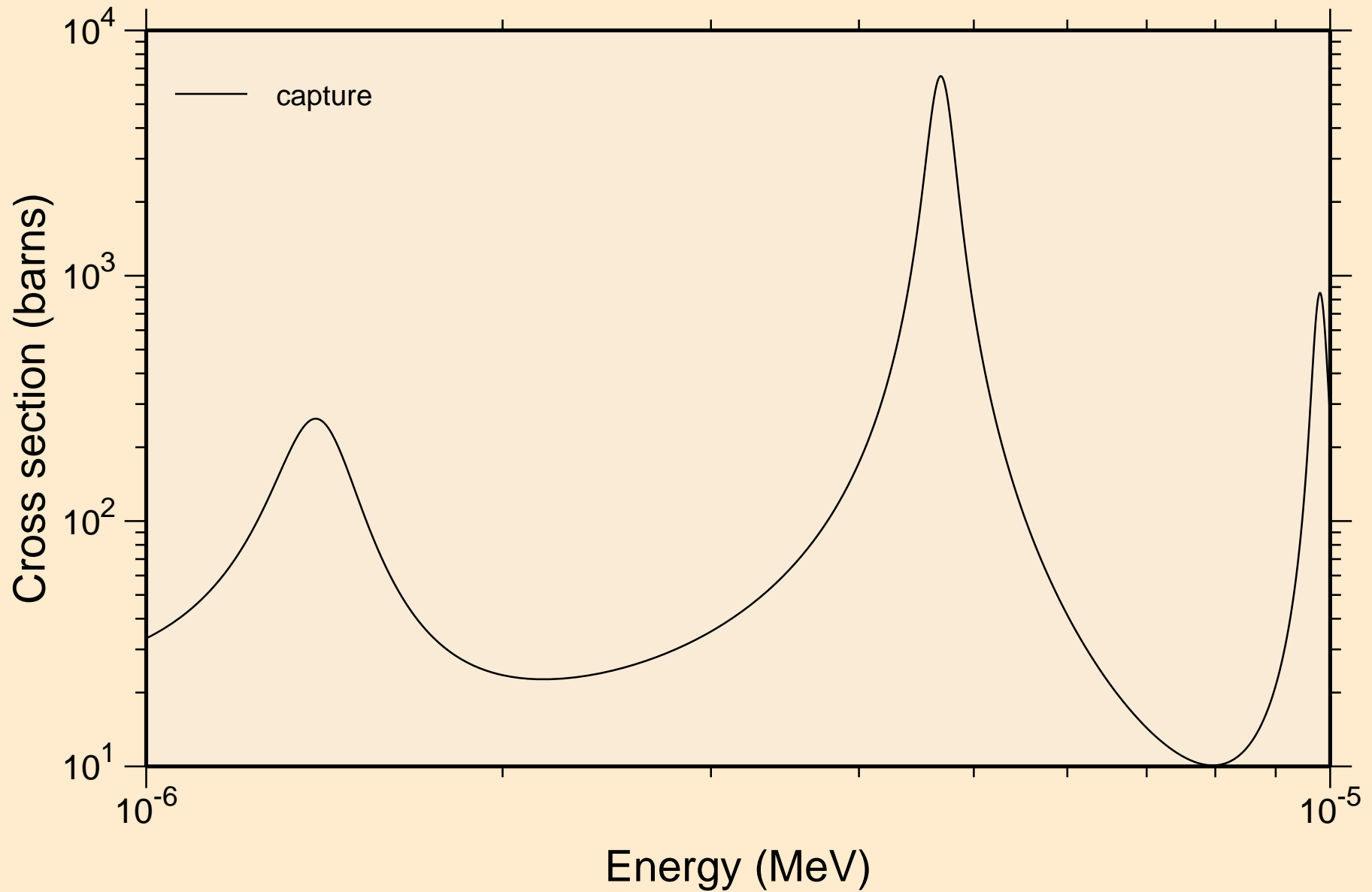
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



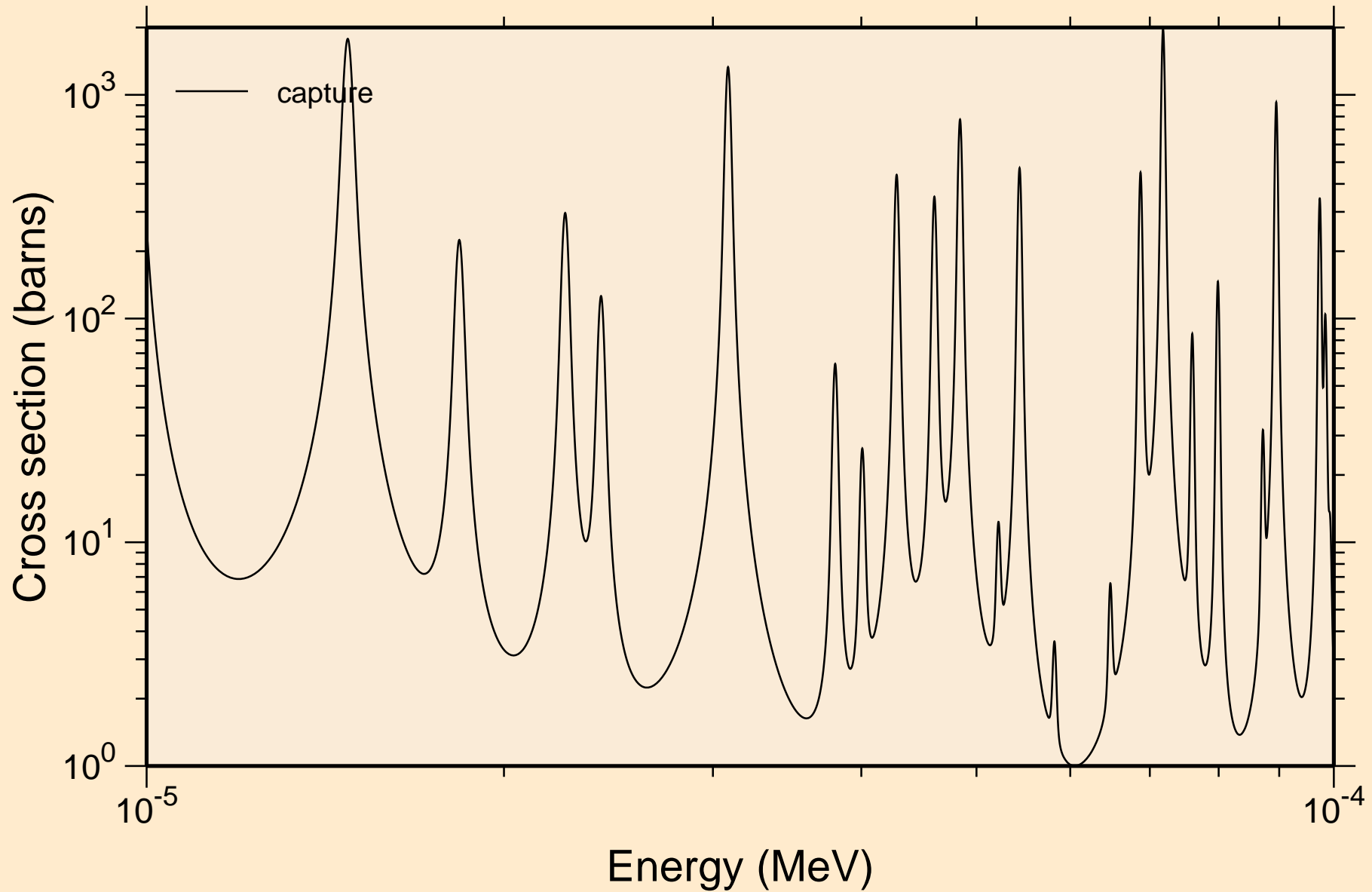
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



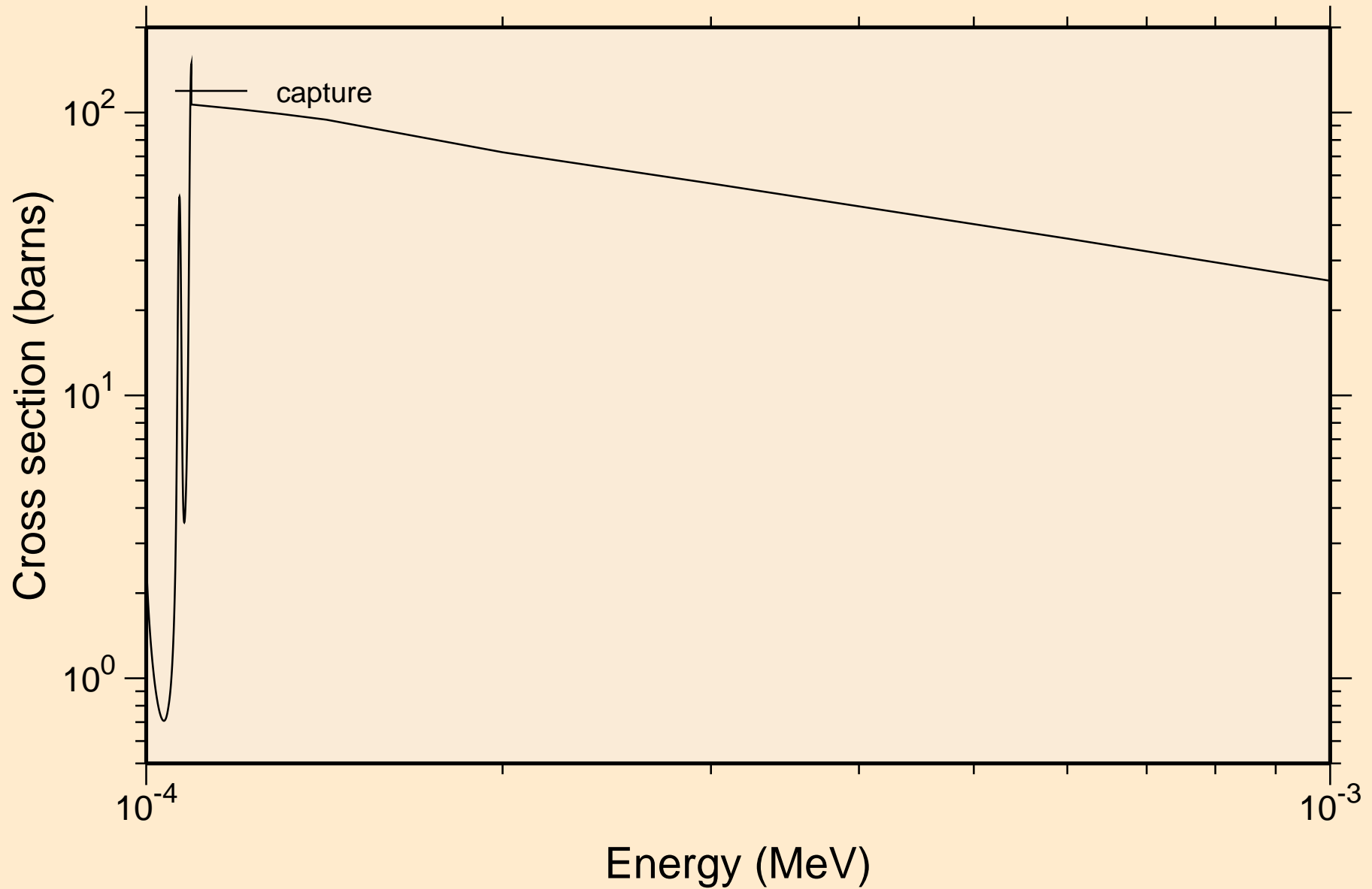
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



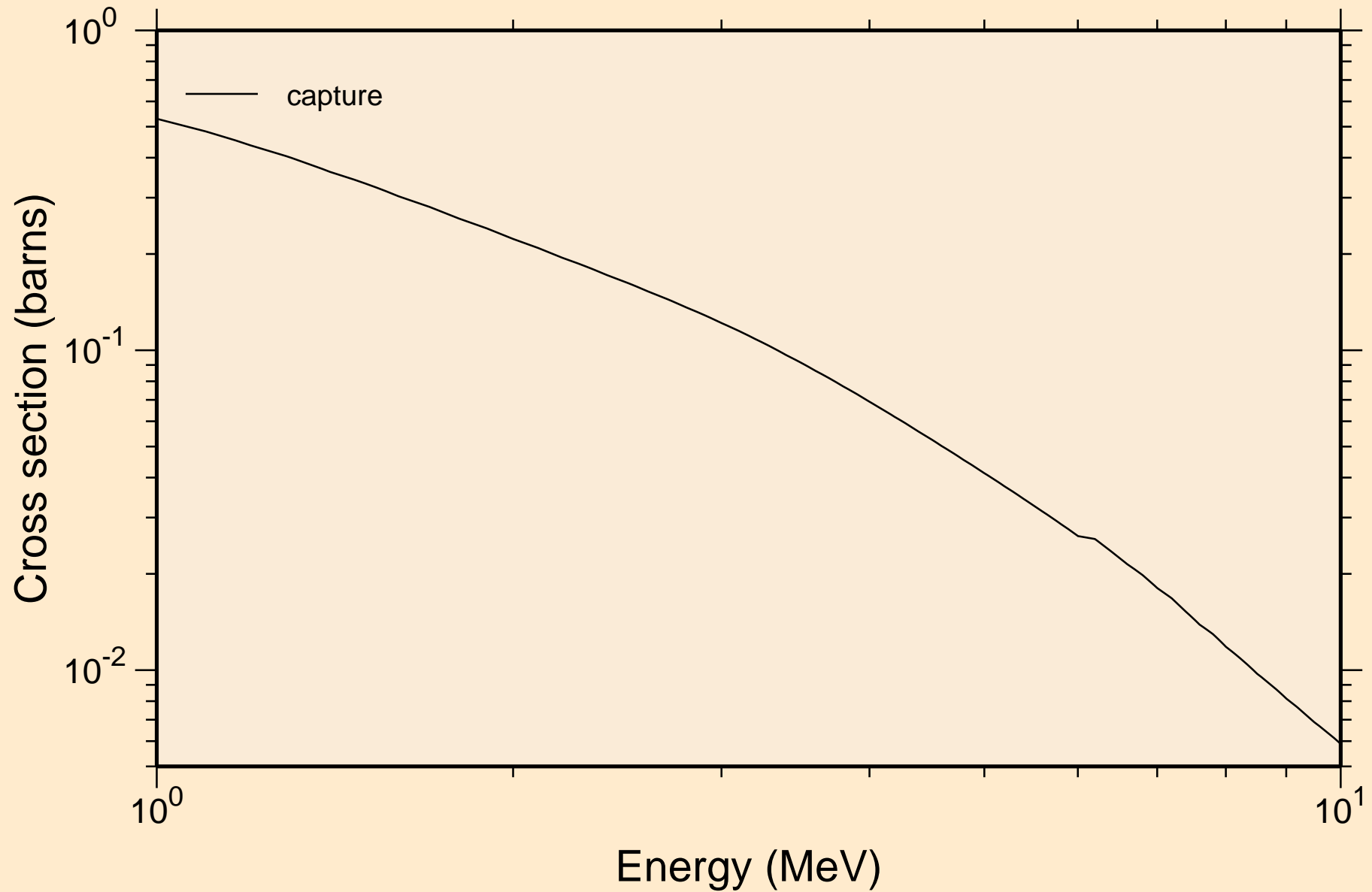
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections

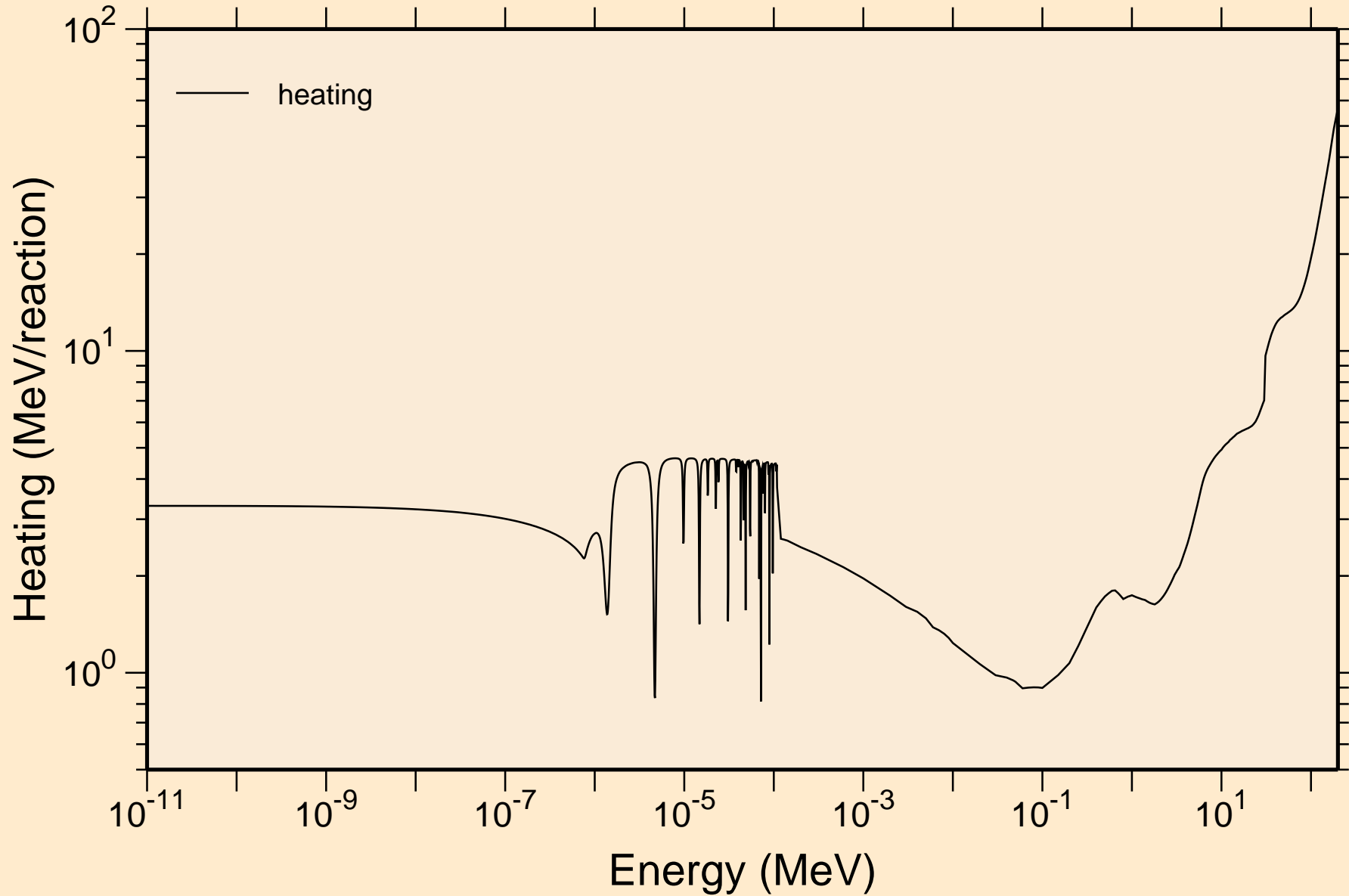


ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections

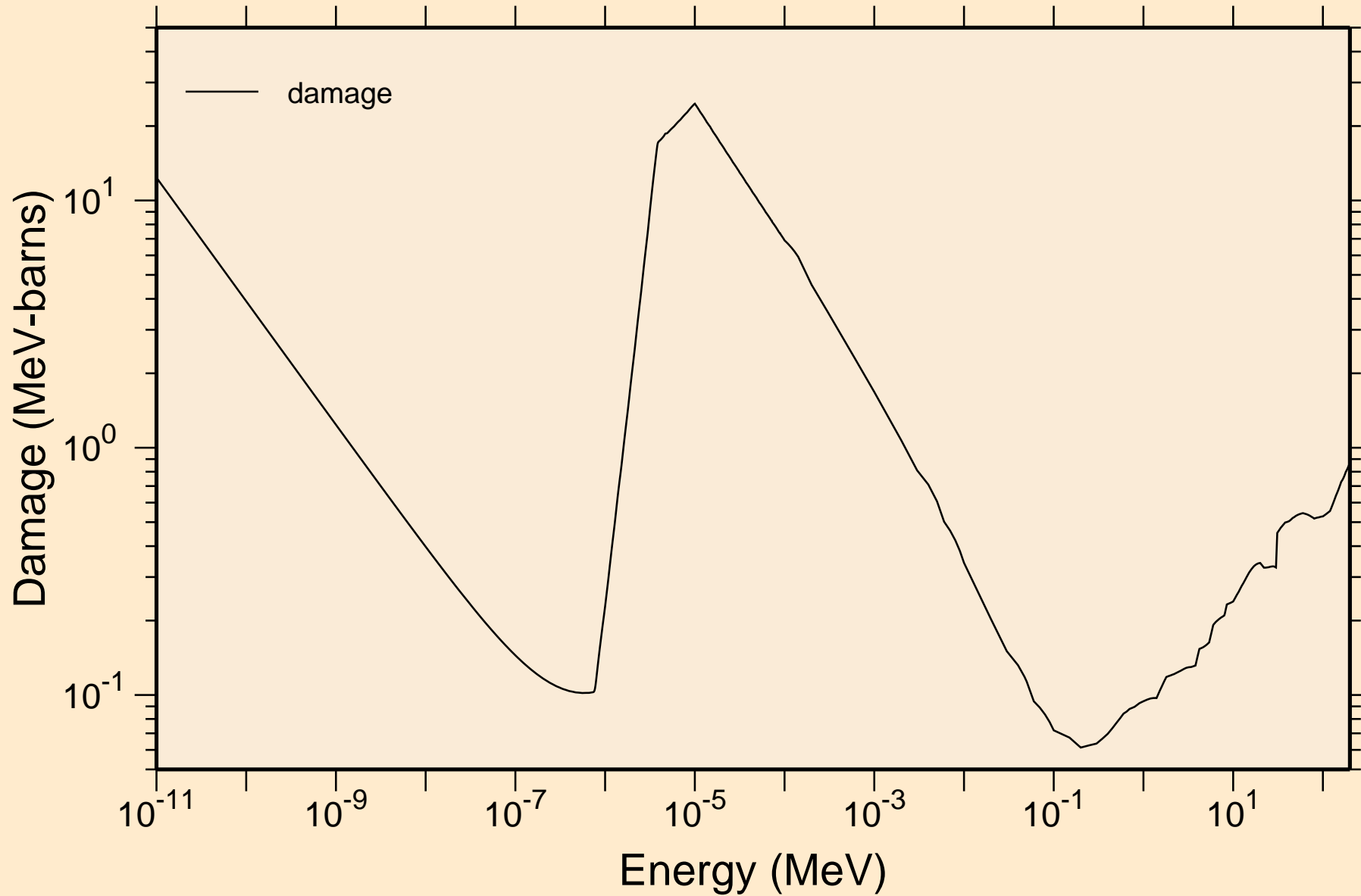


# ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

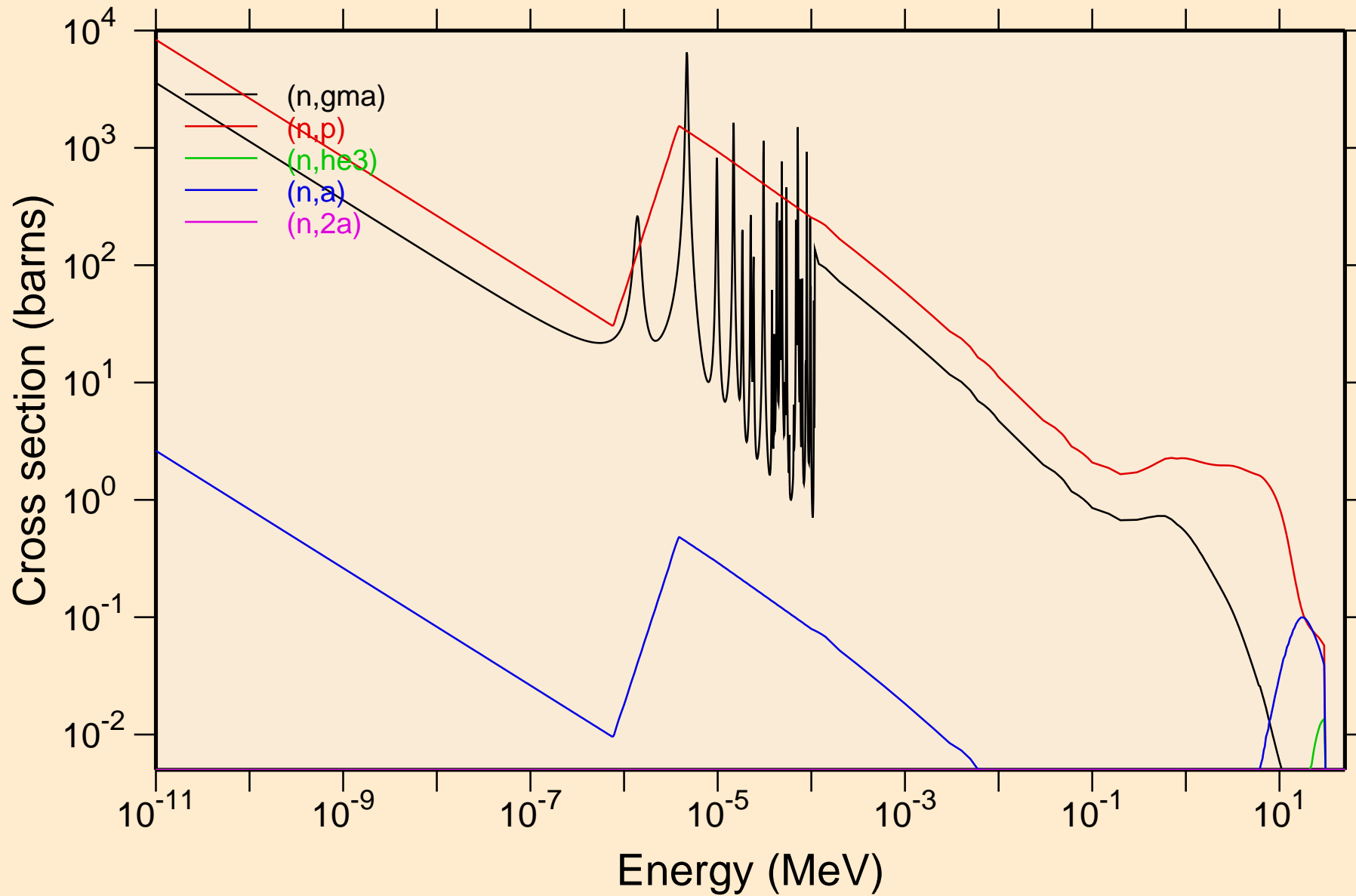
## Heating



ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage

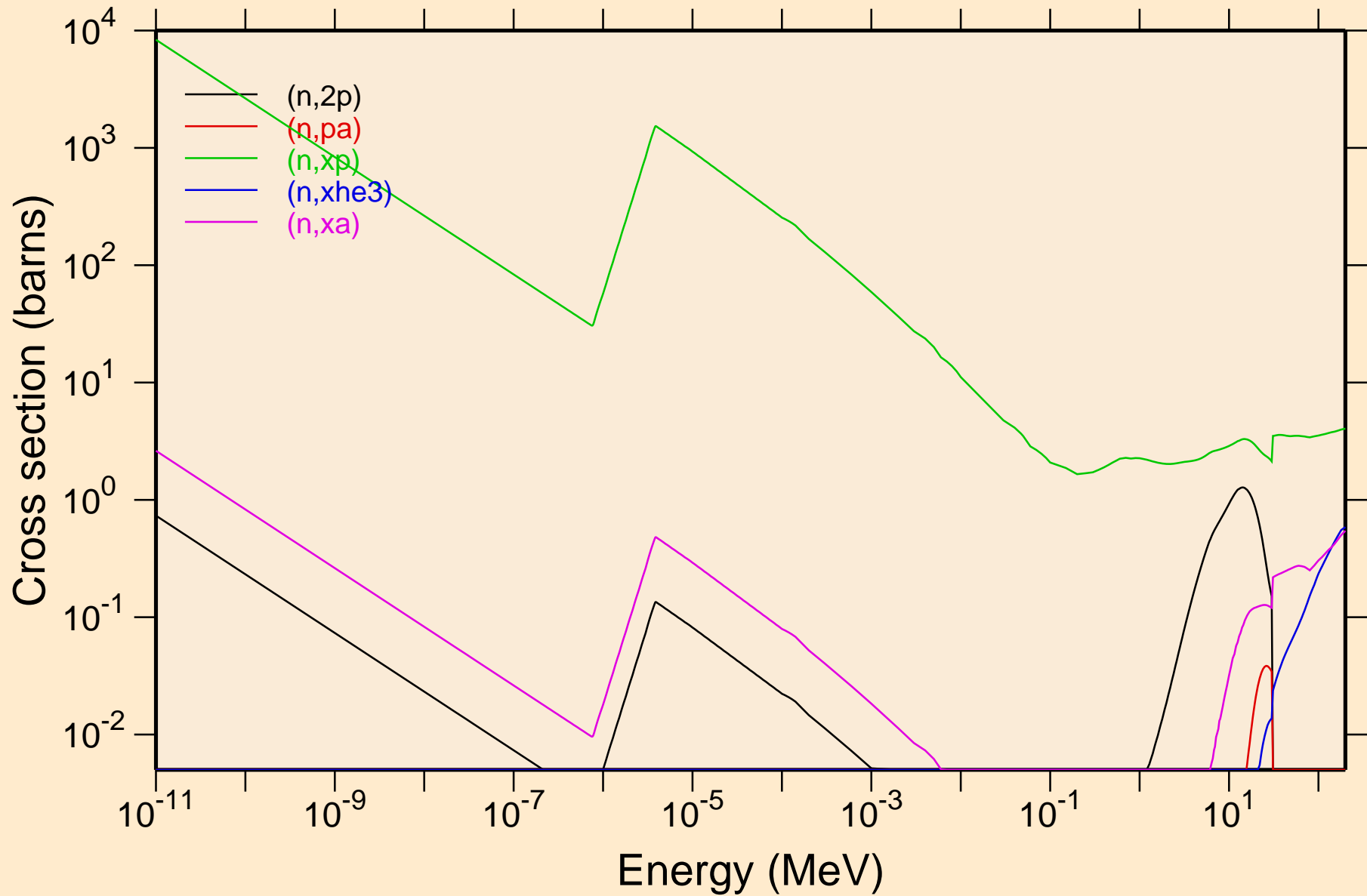


ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



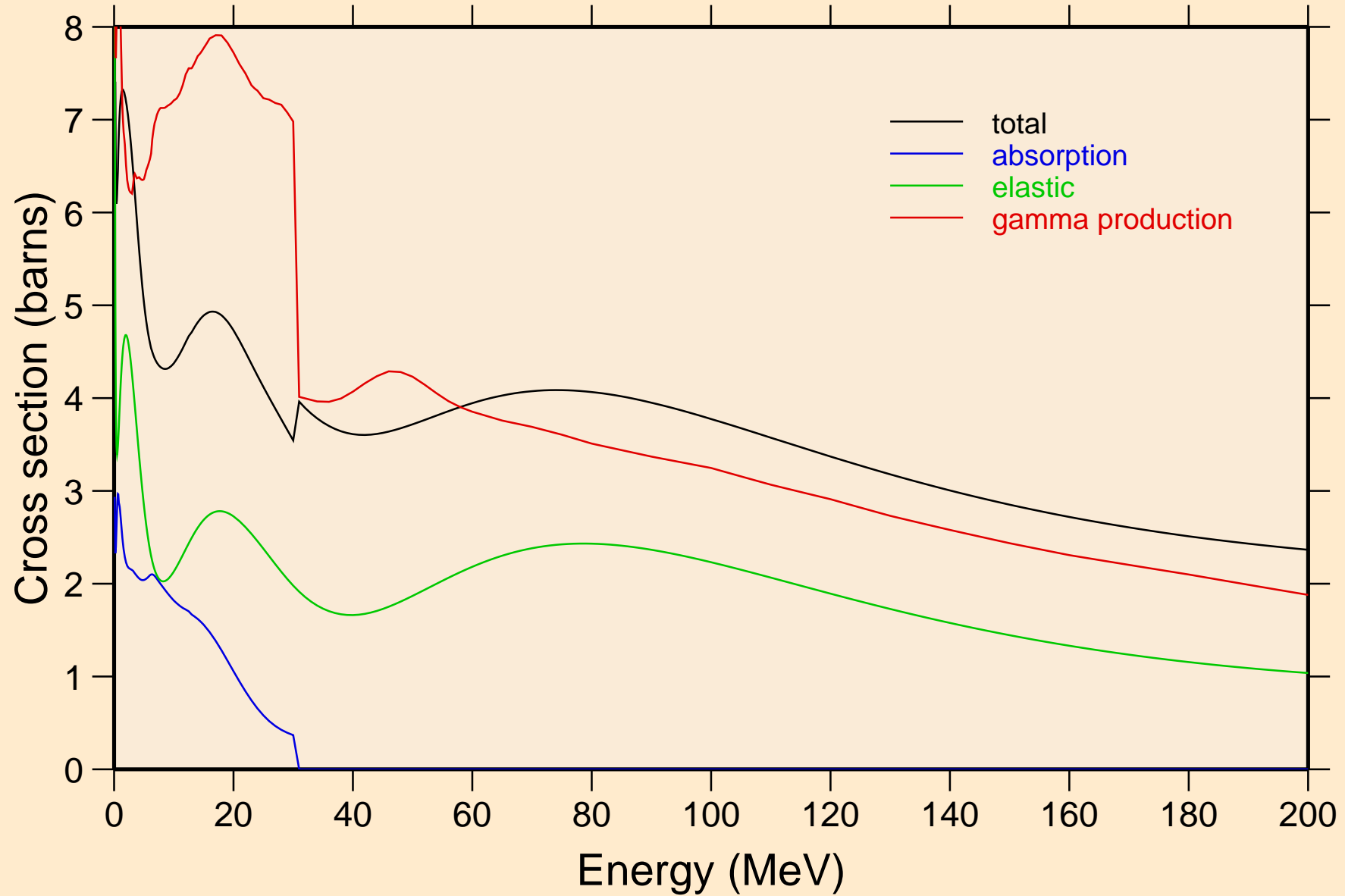
# ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Non-threshold reactions



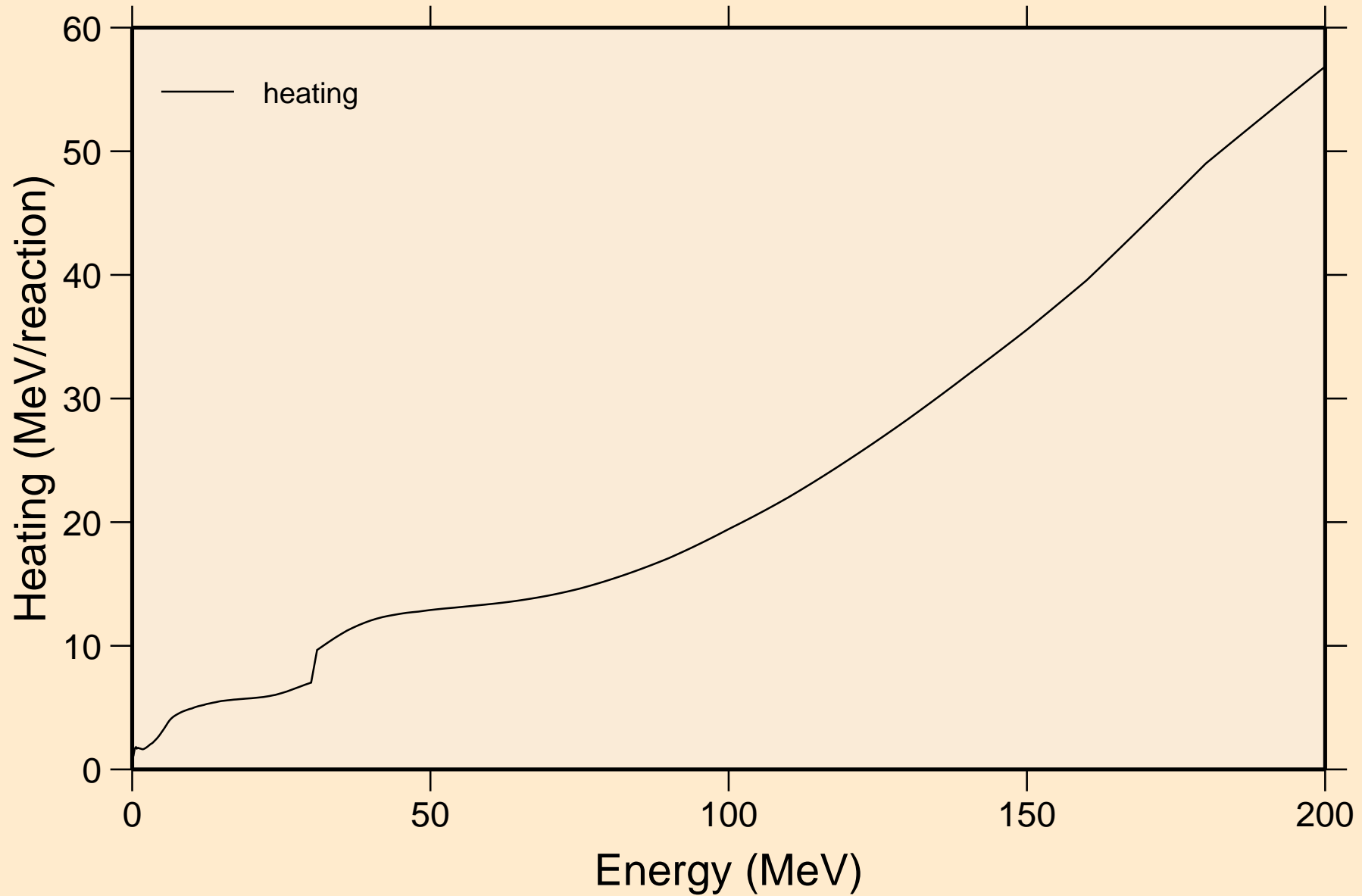
# ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Principal cross sections

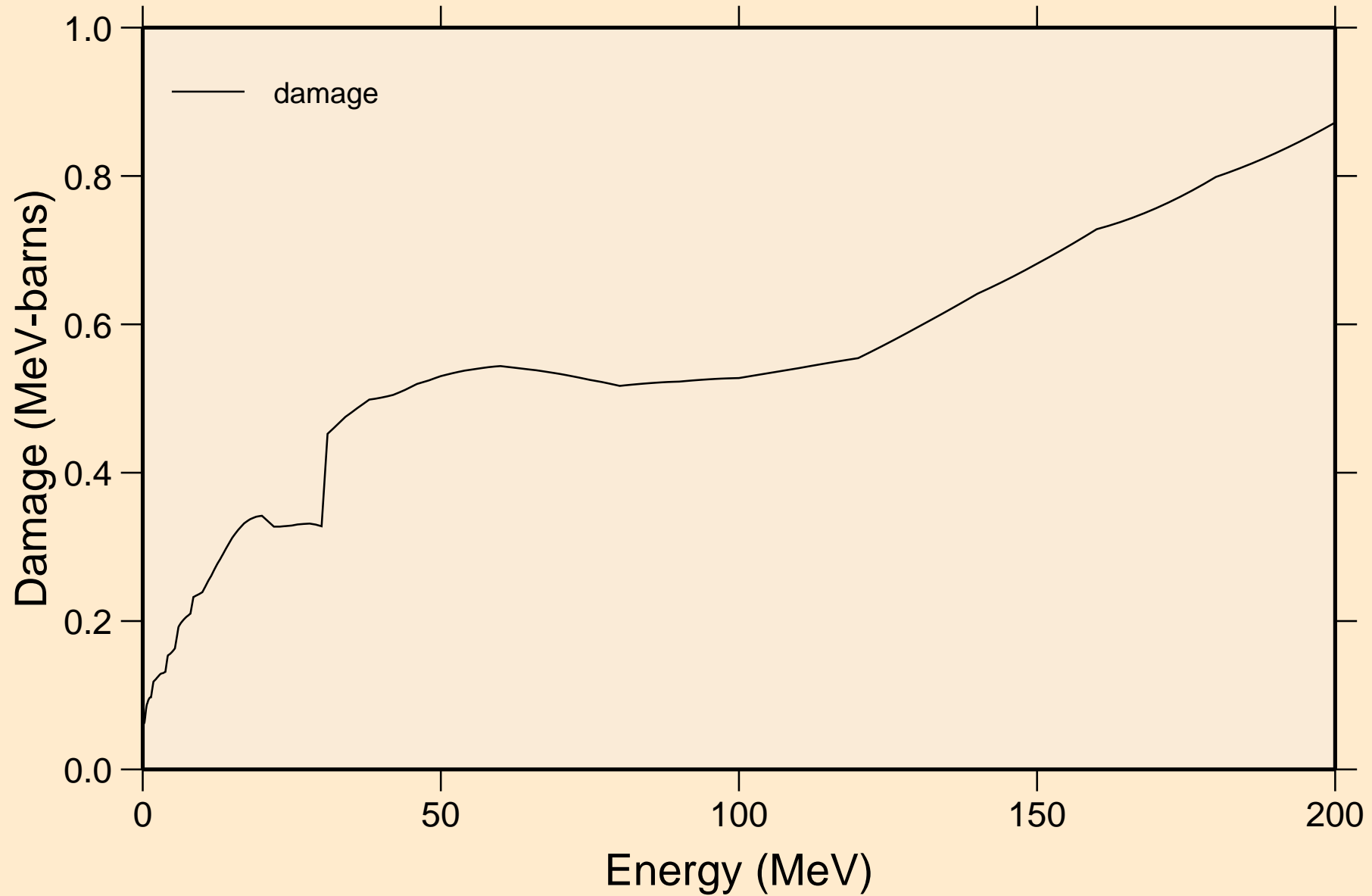


# ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

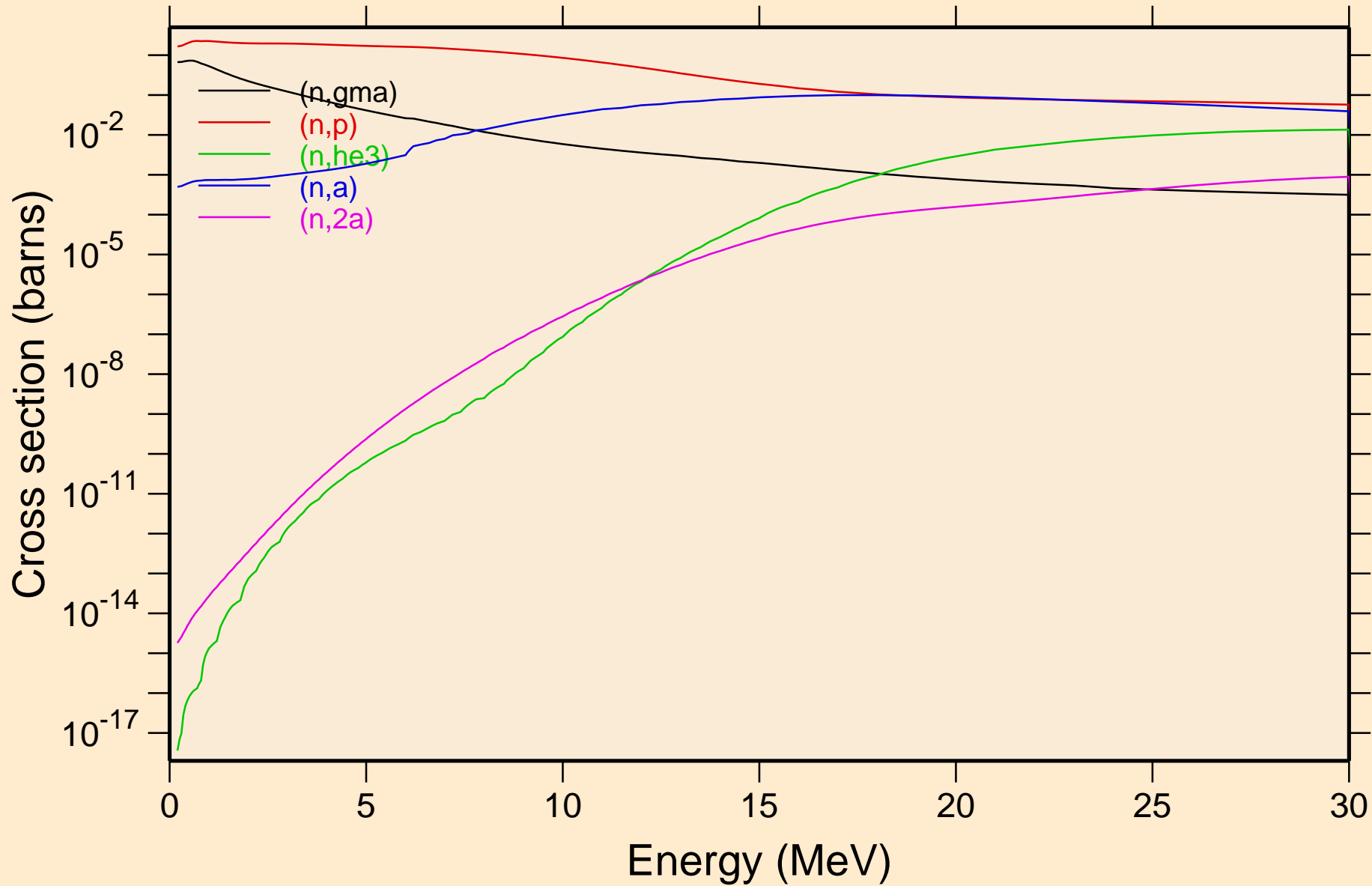
## Heating



ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage

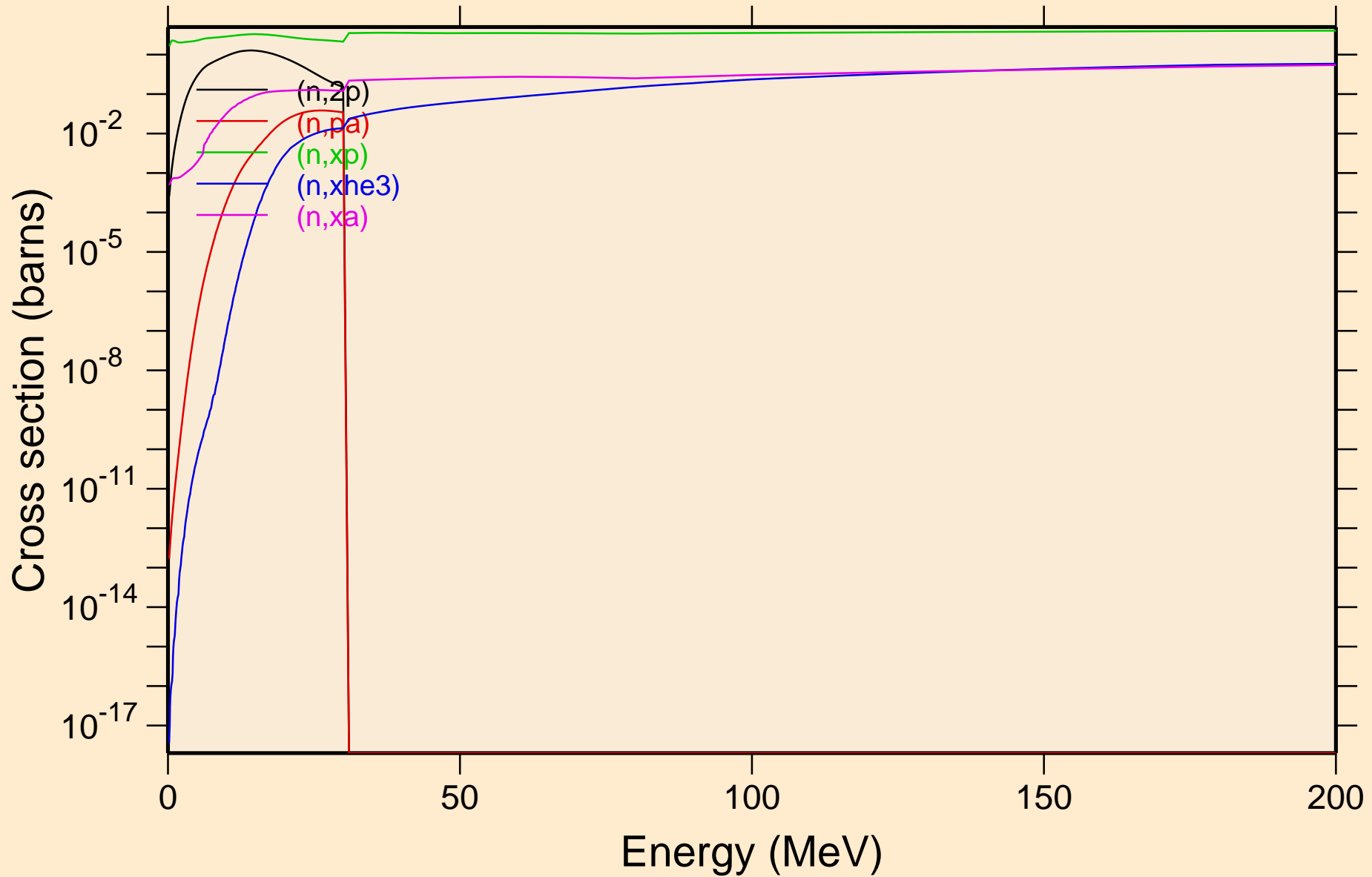


ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

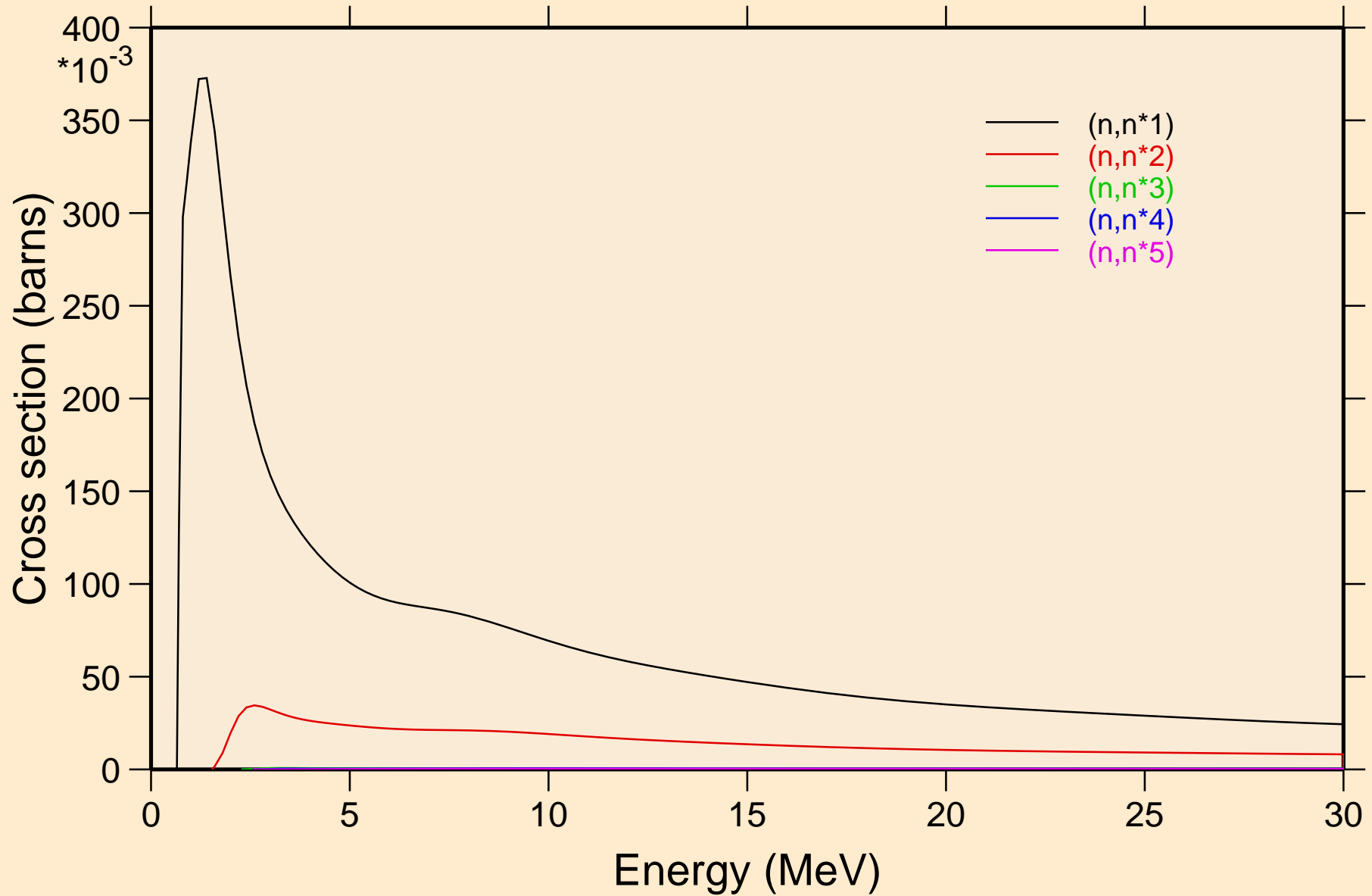


# ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

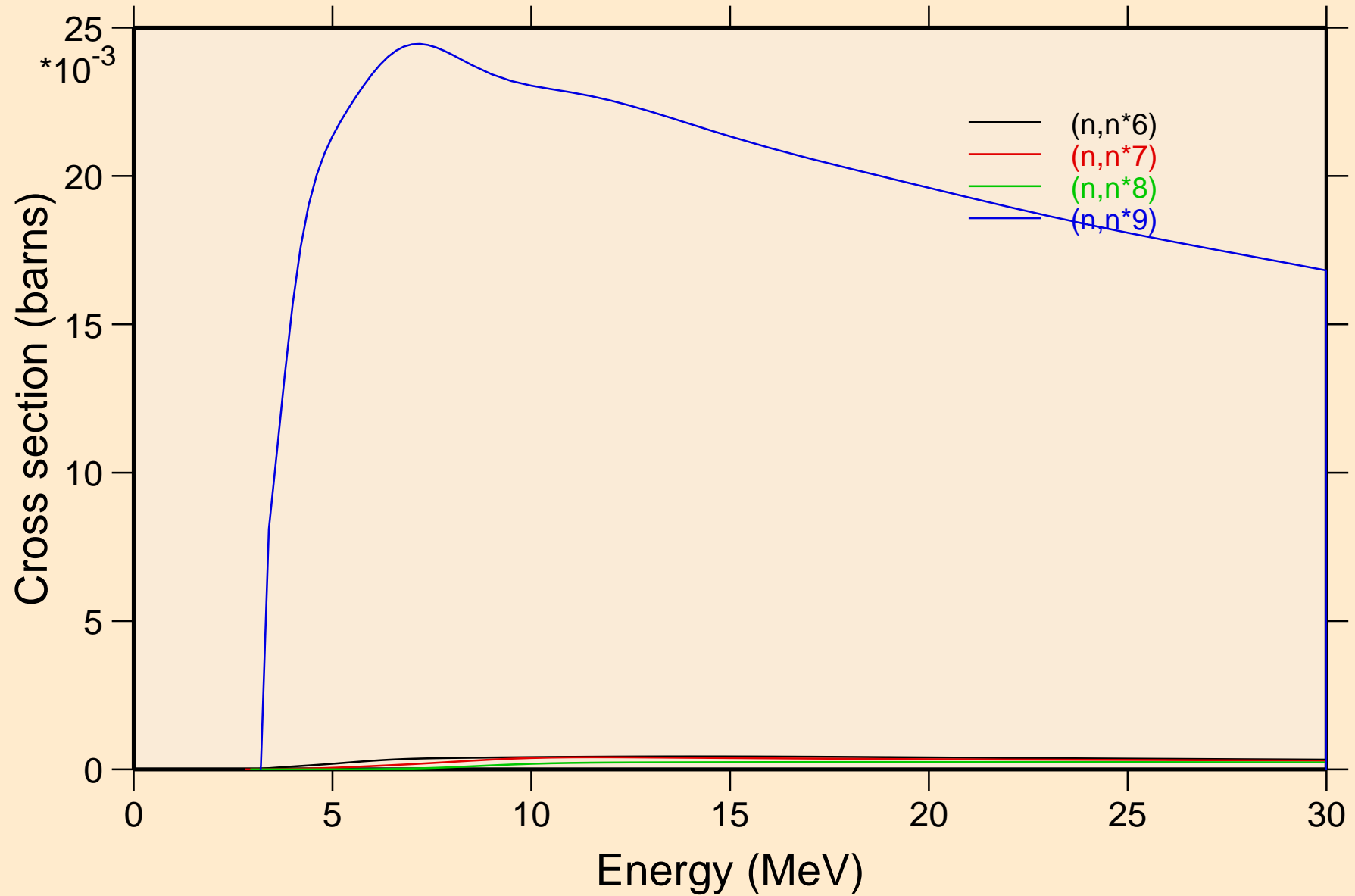
## Non-threshold reactions



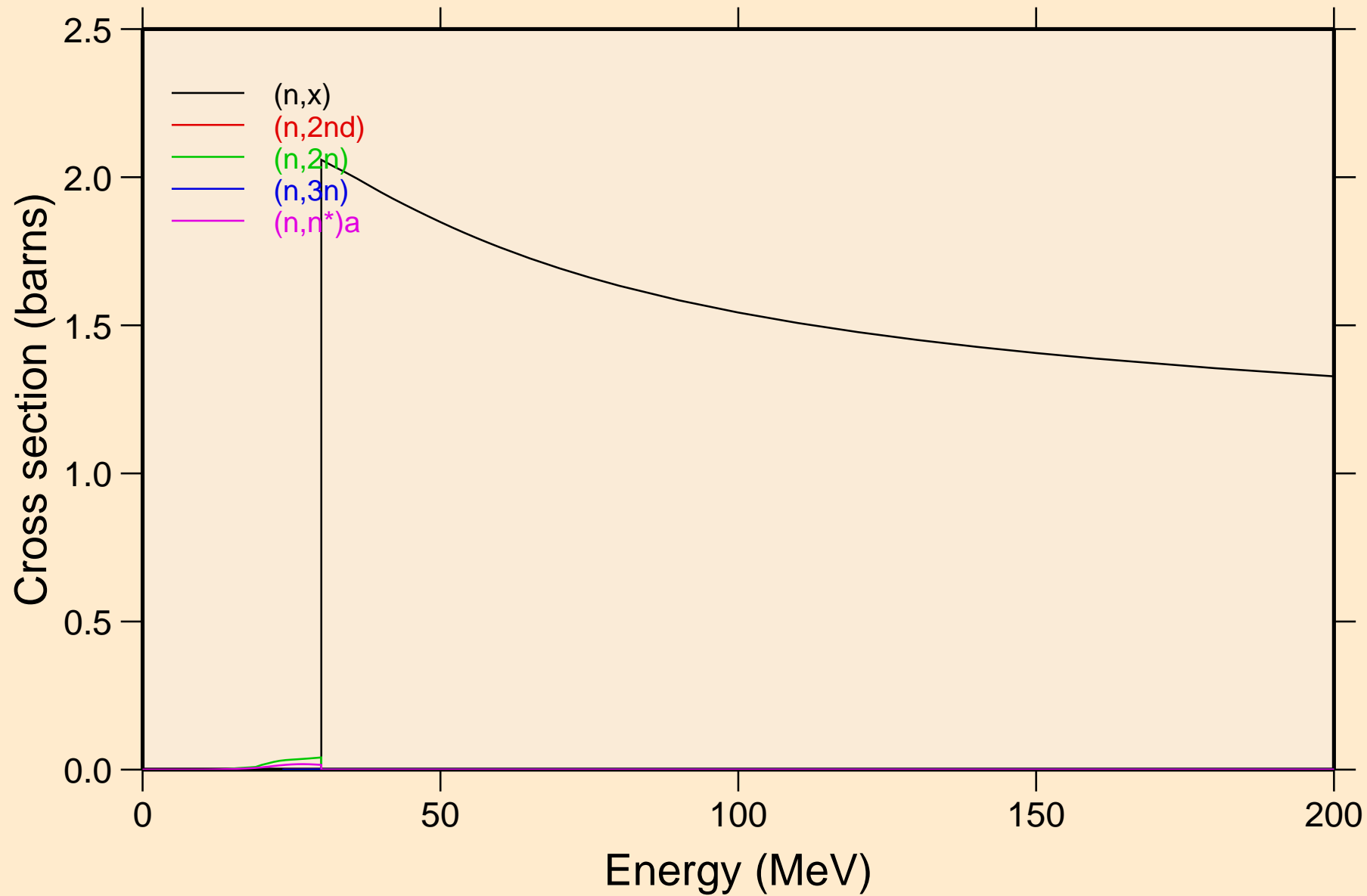
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



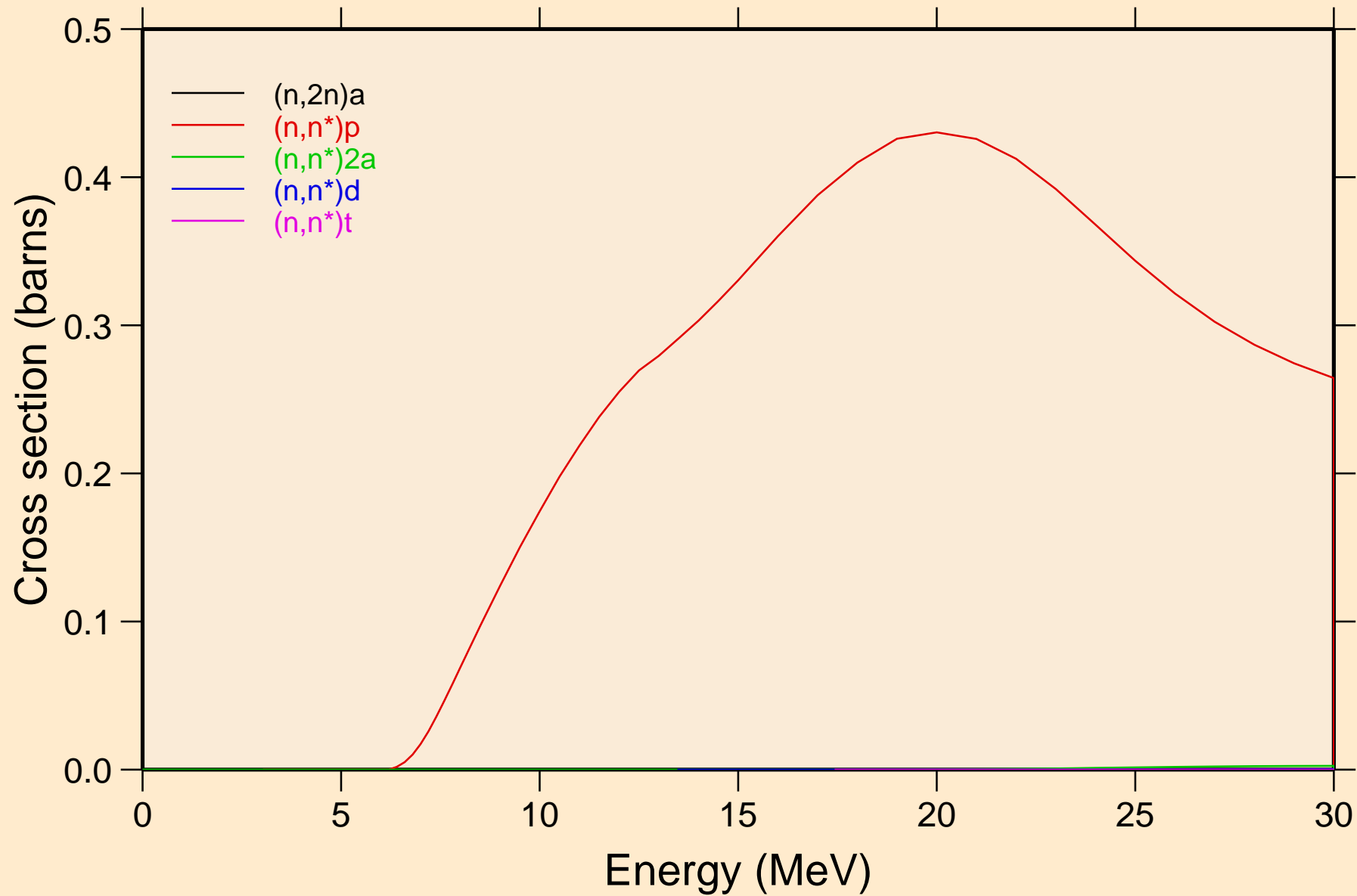
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



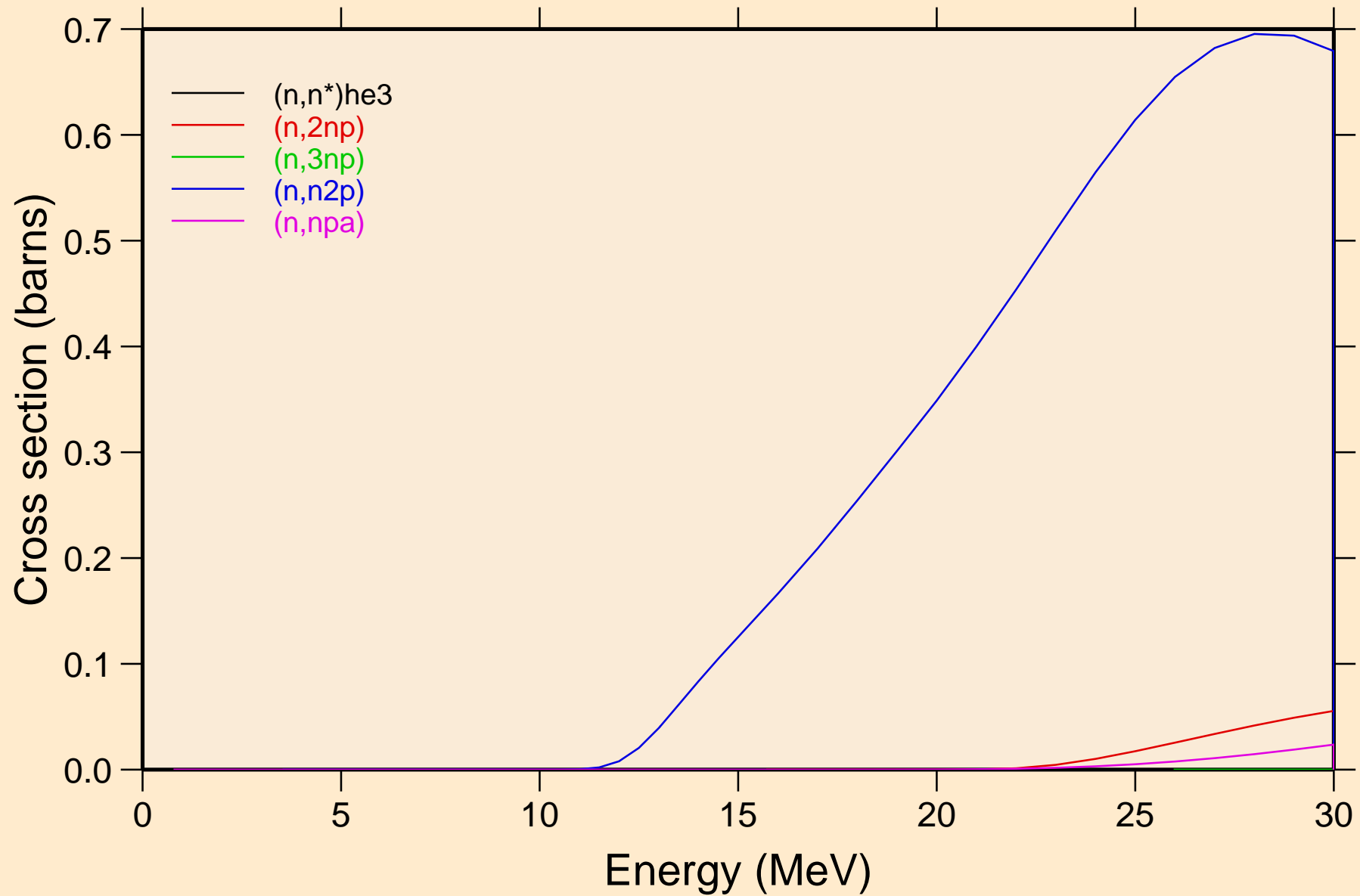
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

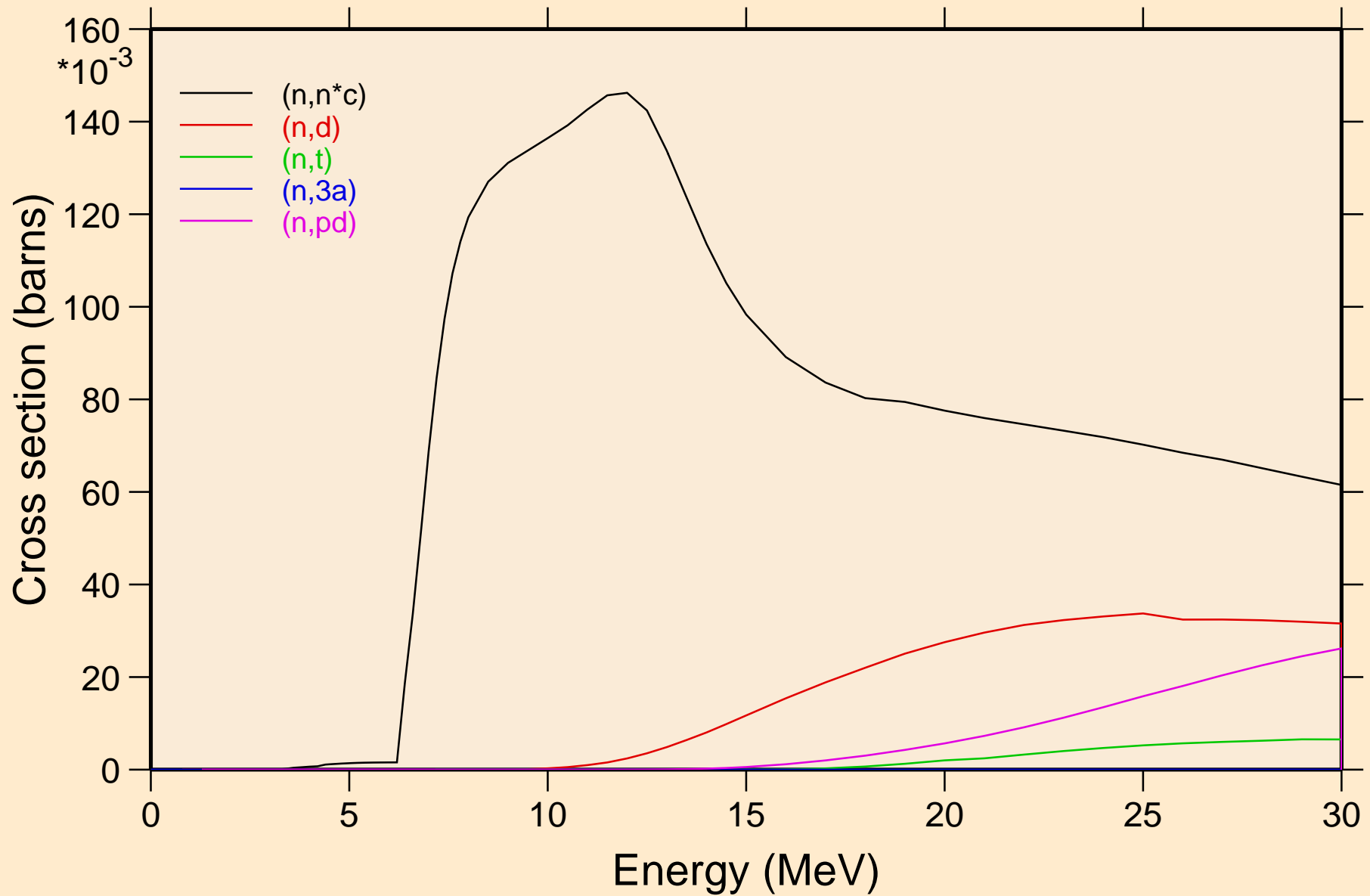


ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

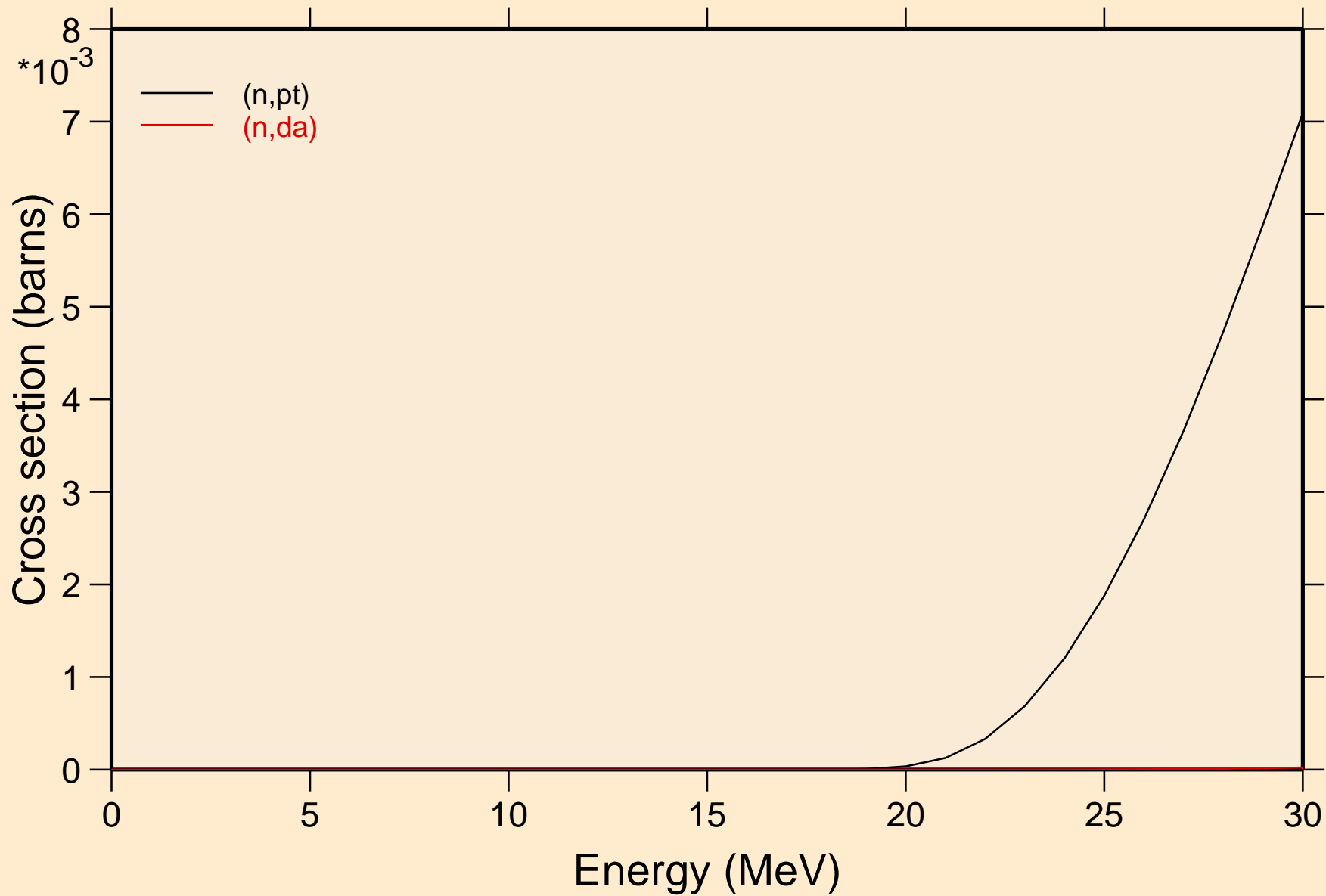


# ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

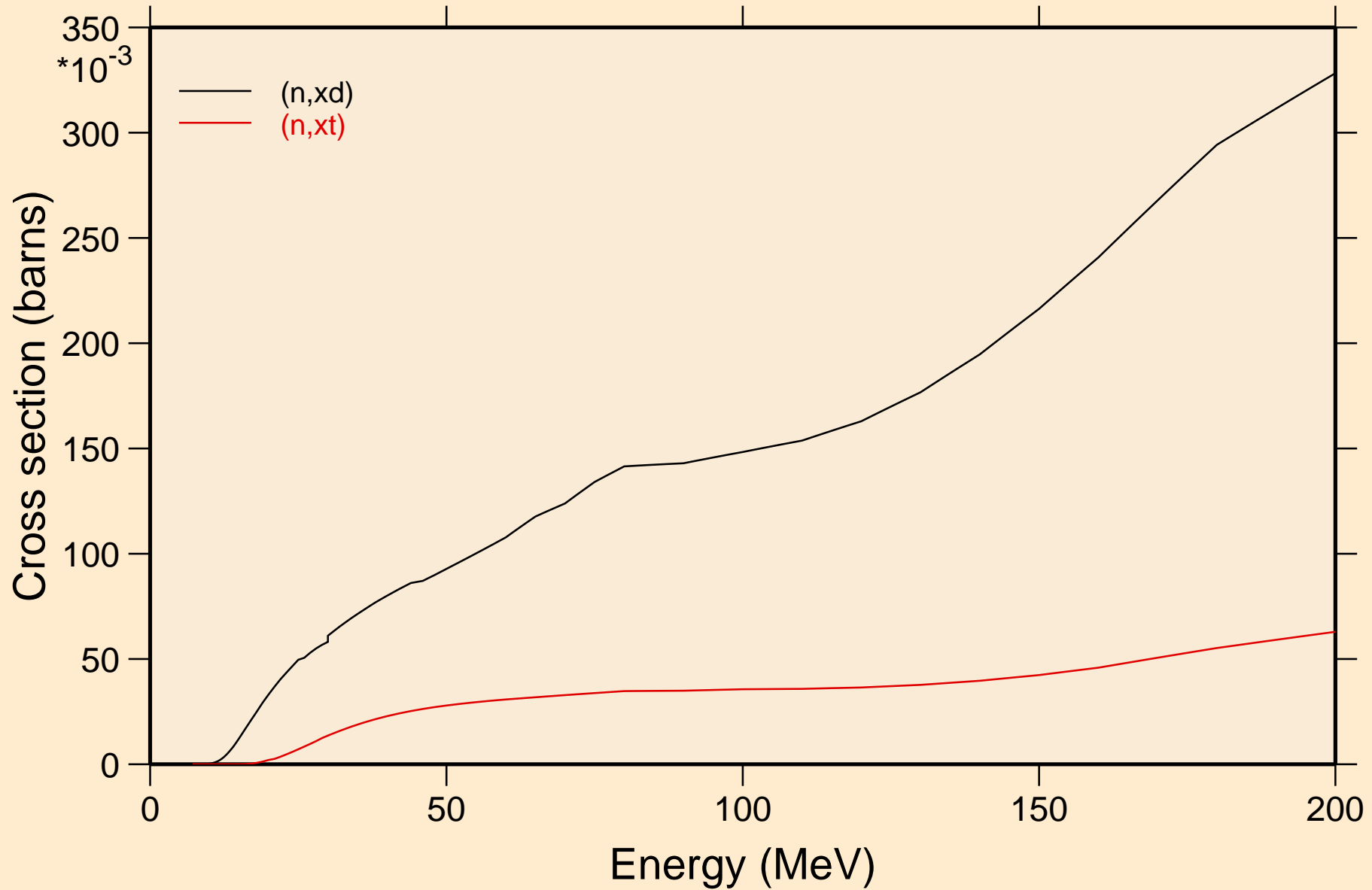
## Threshold reactions



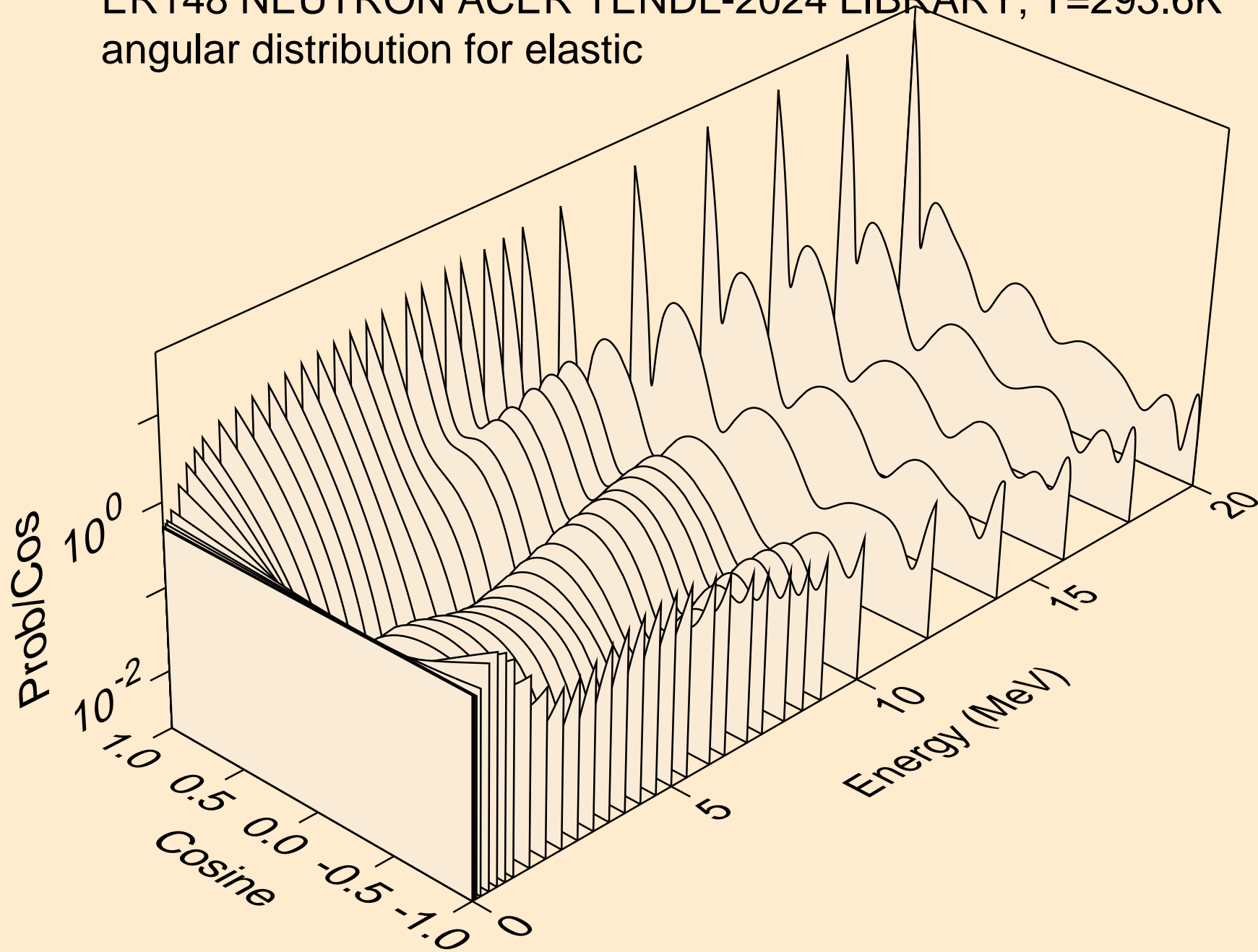
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



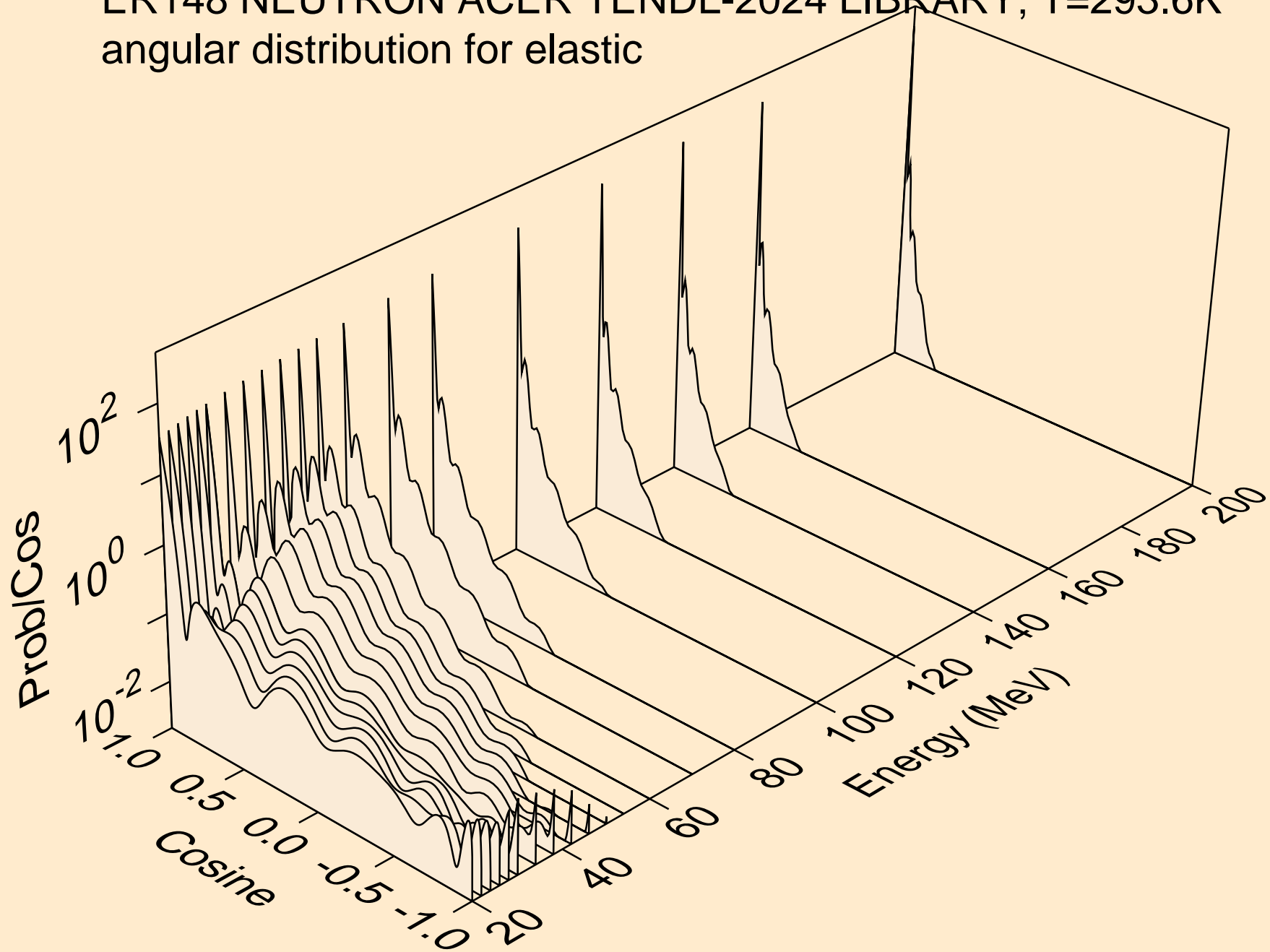
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



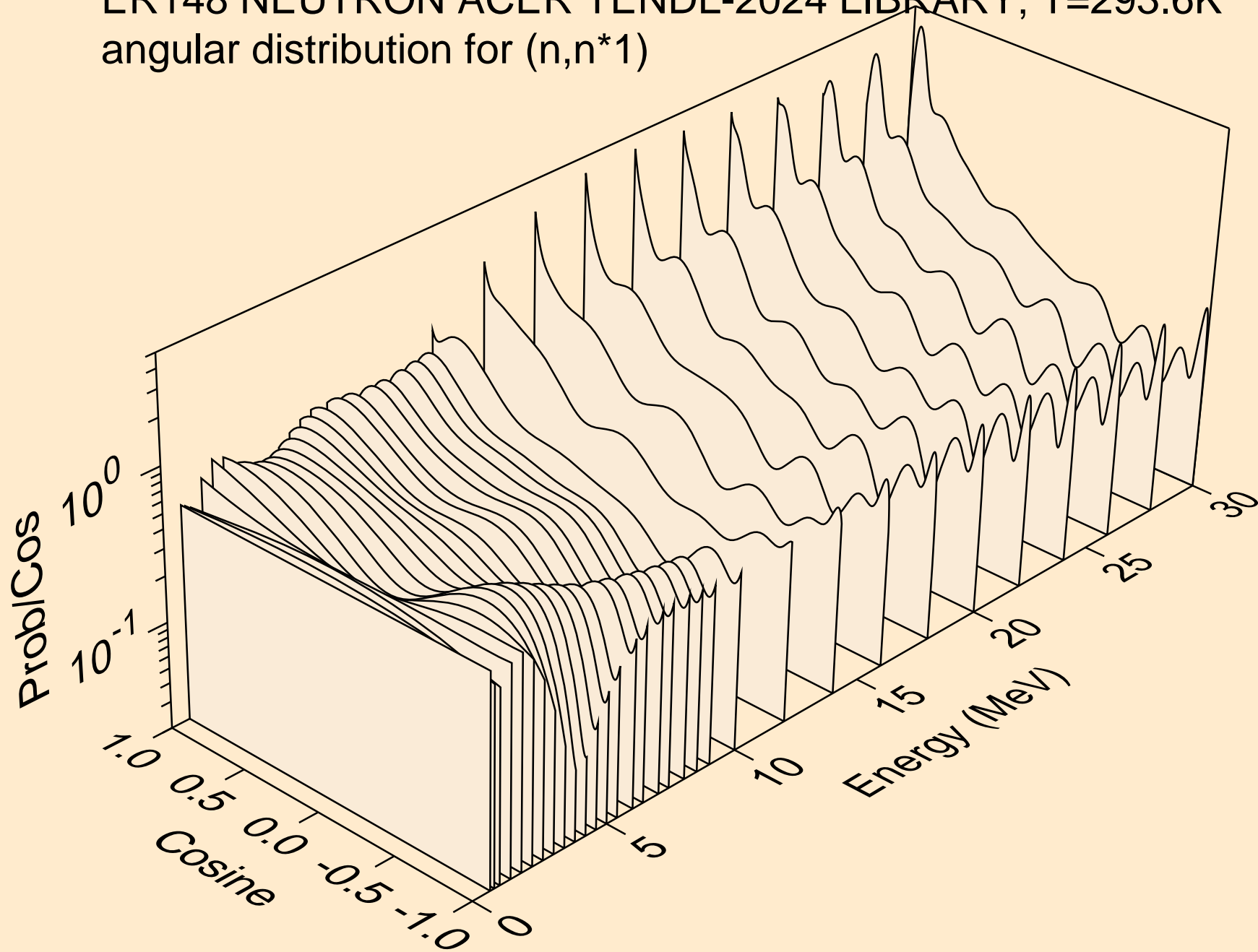
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



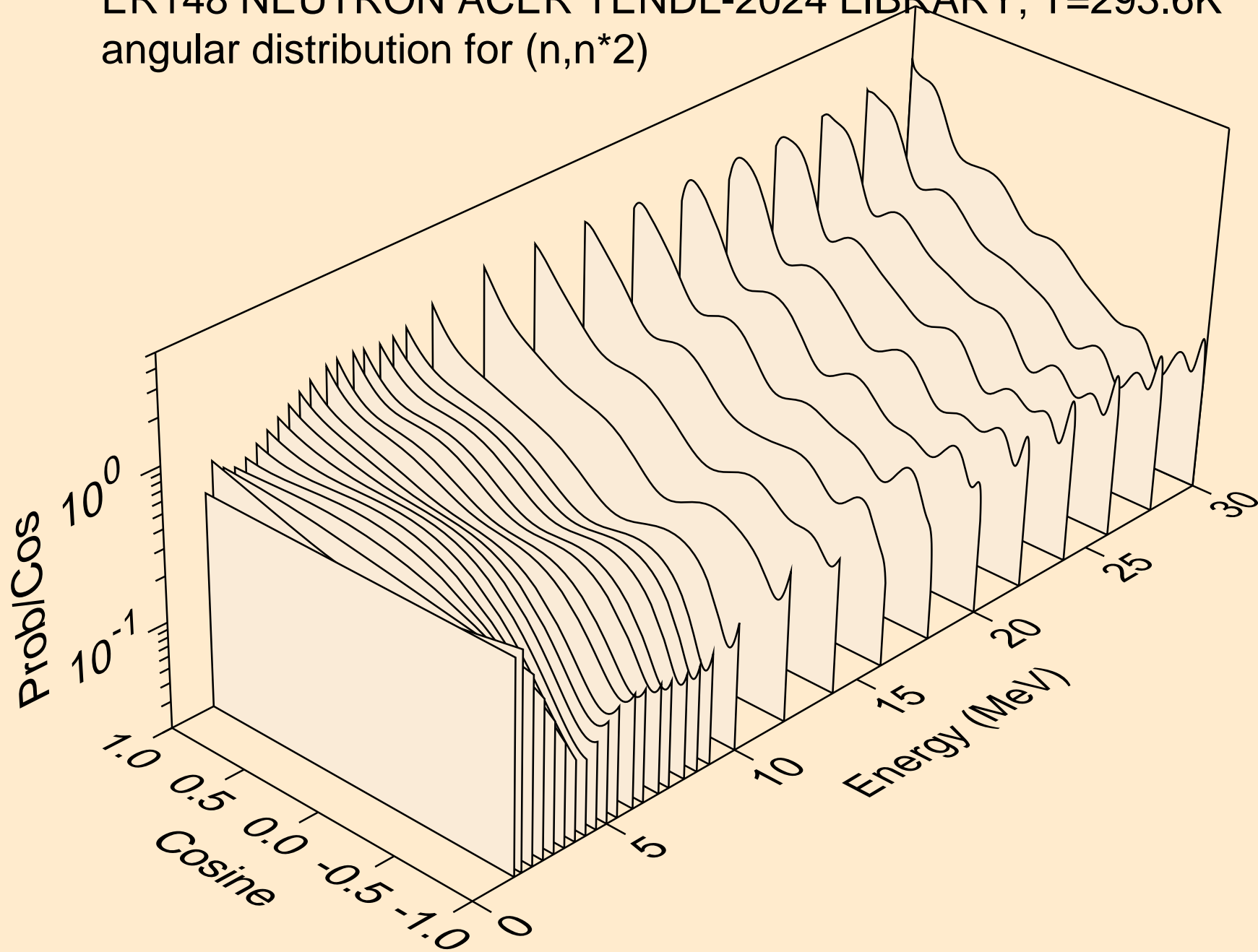
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



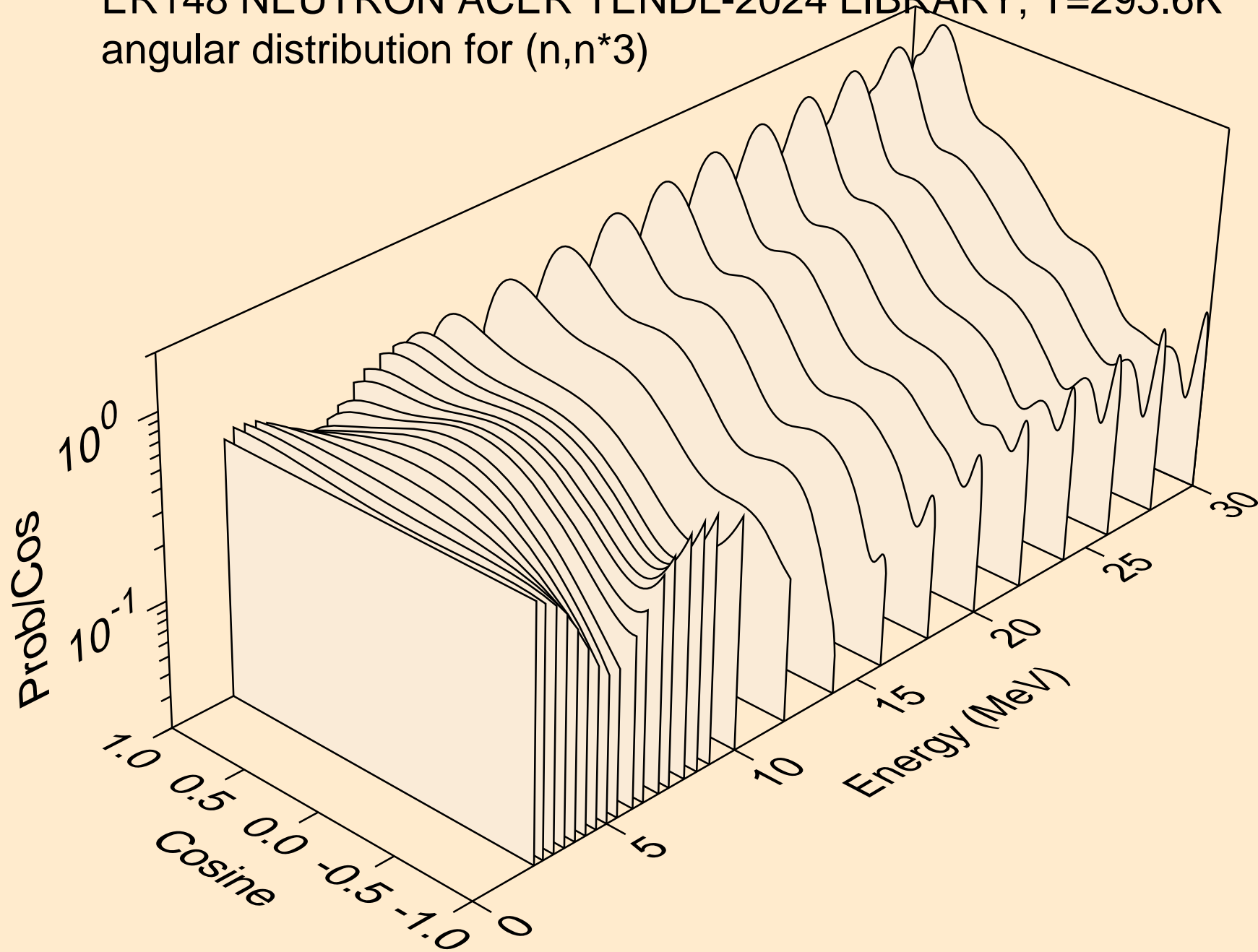
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



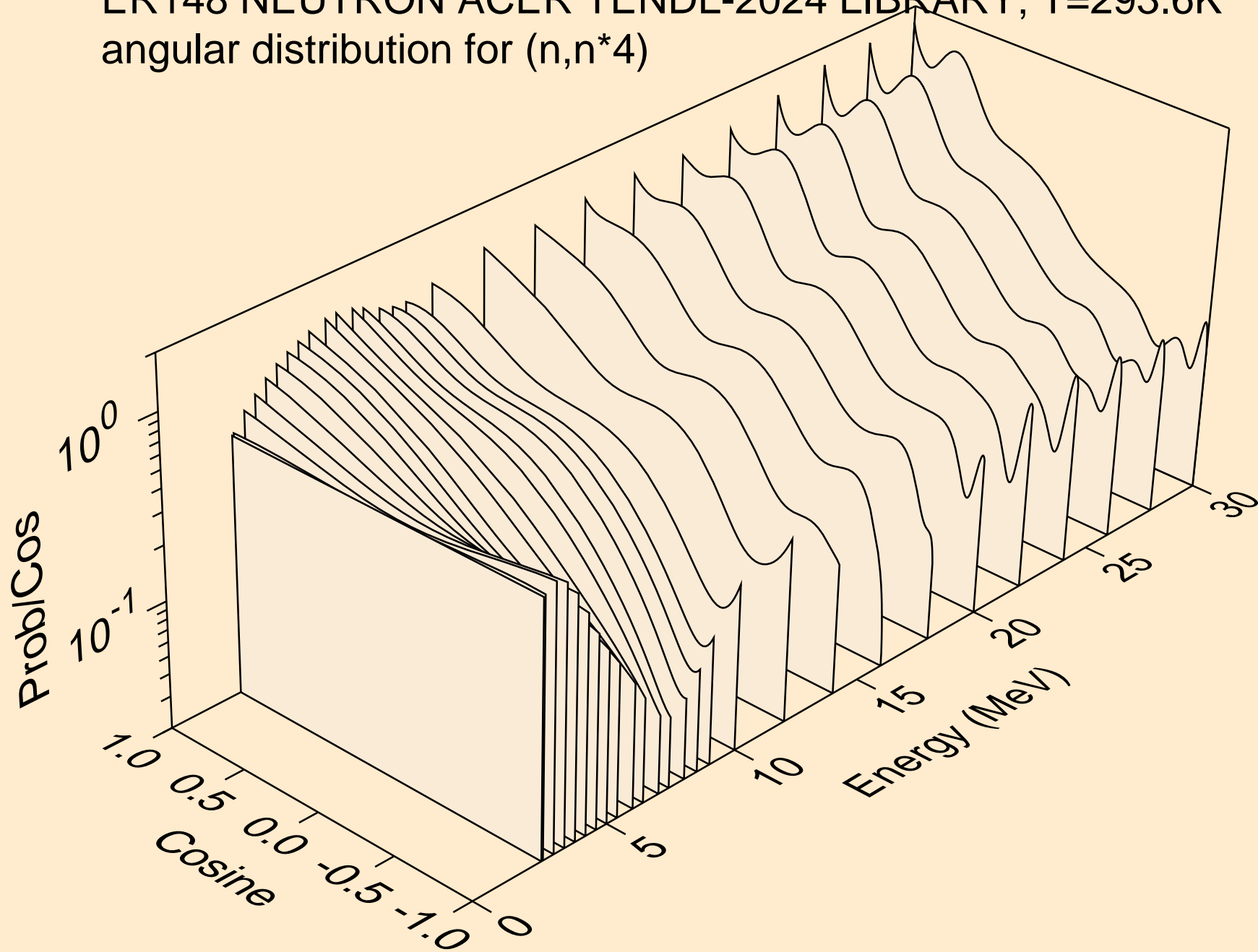
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angular distribution for (n,n\*2)



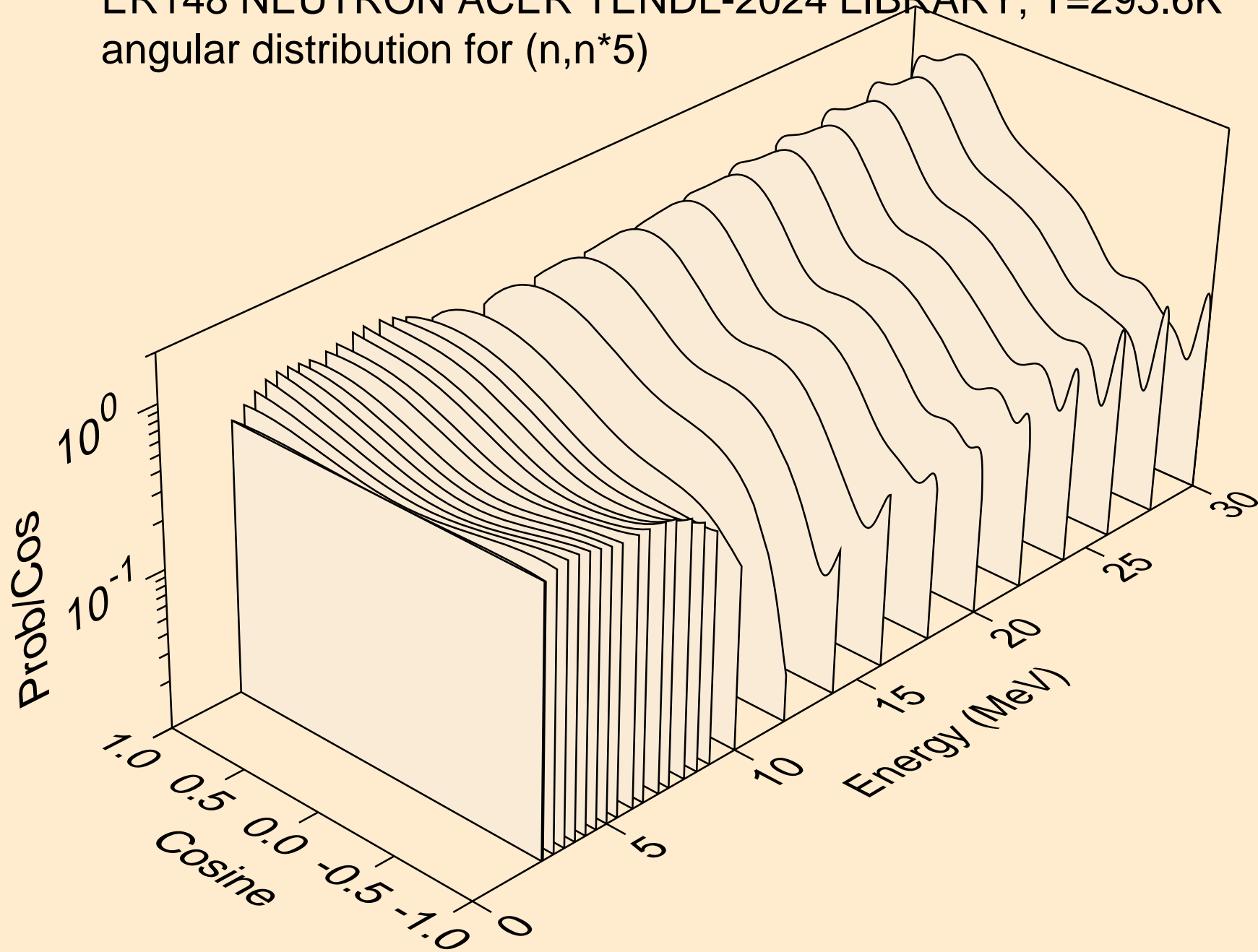
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



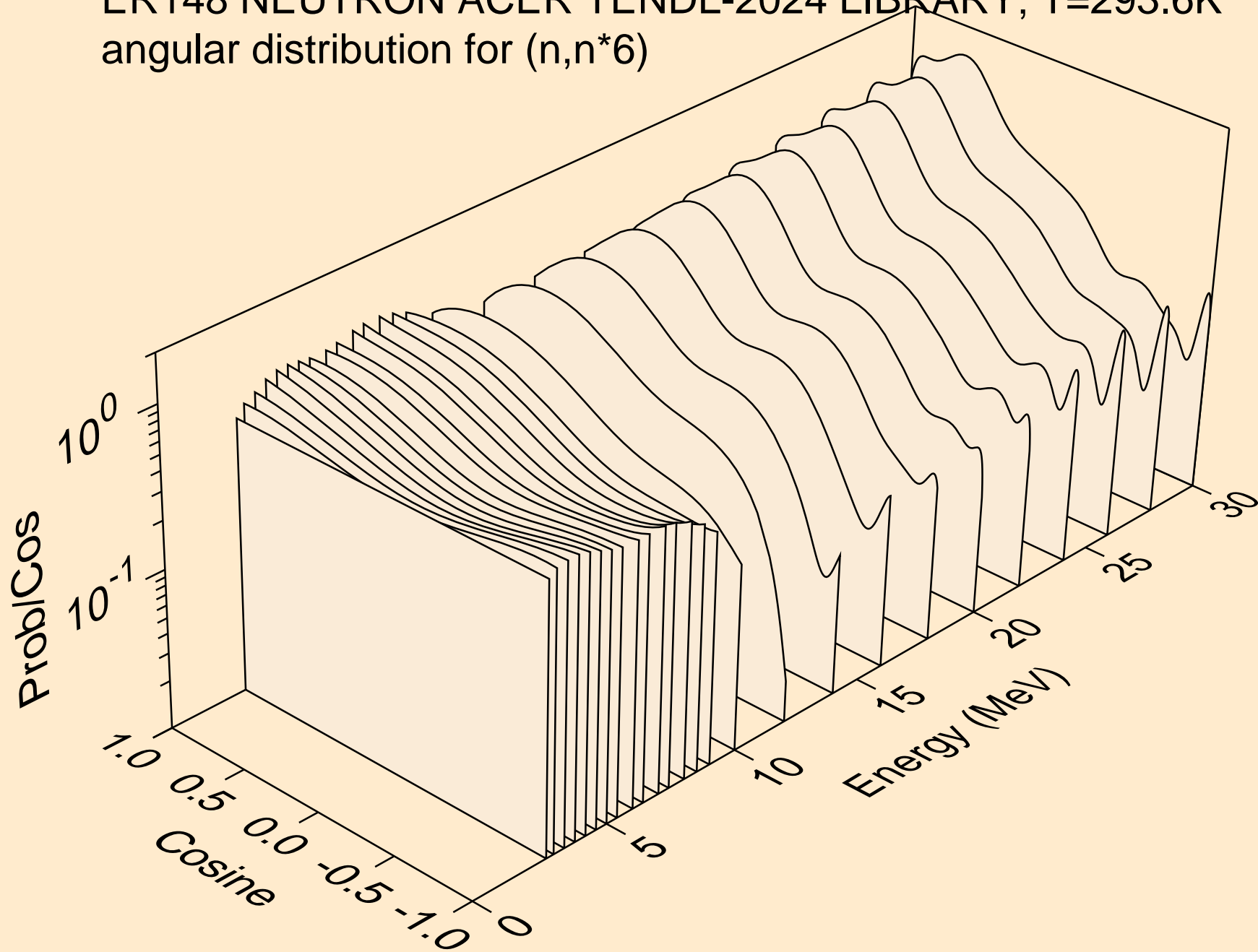
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angular distribution for (n,n\*4)



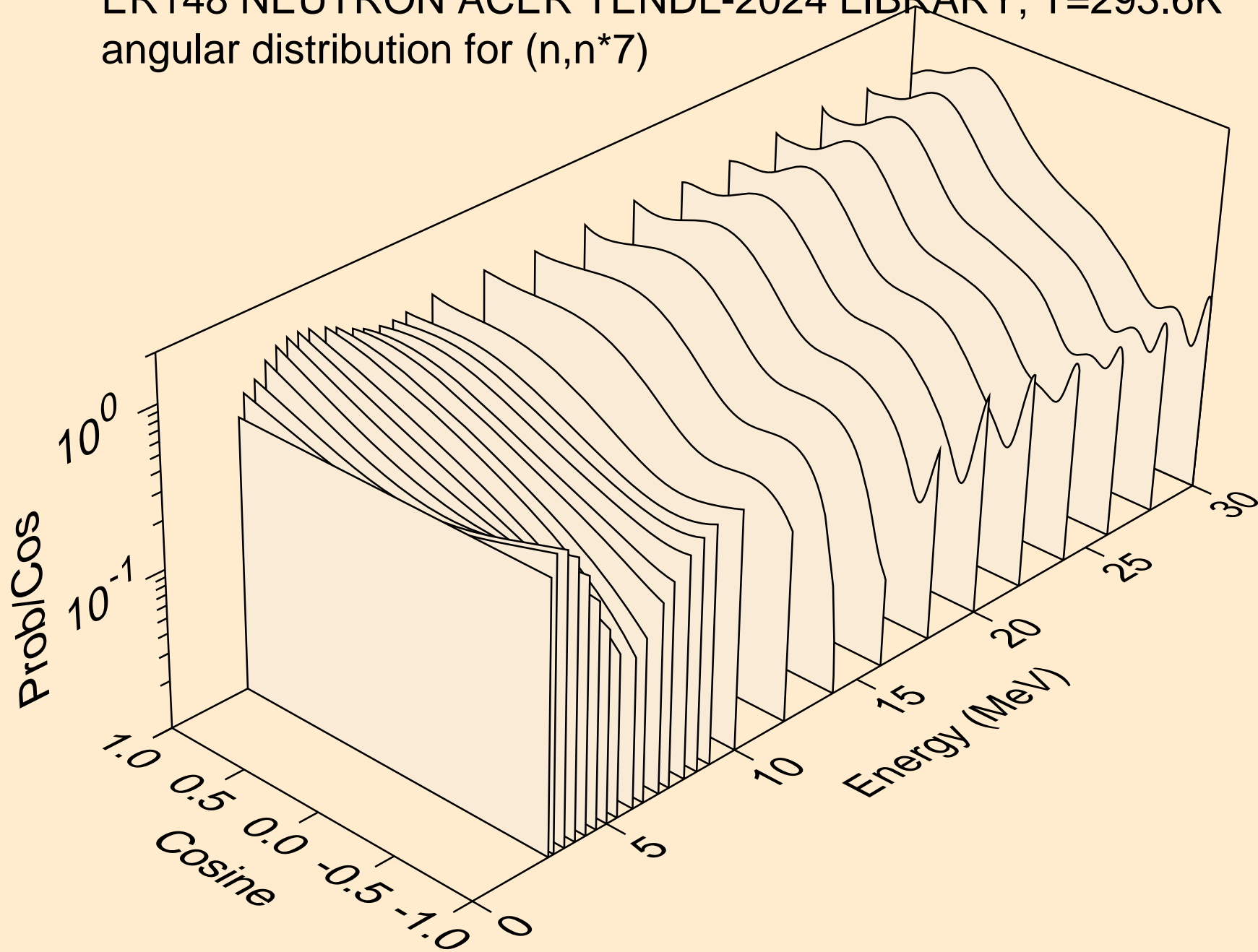
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angular distribution for (n,n\*5)



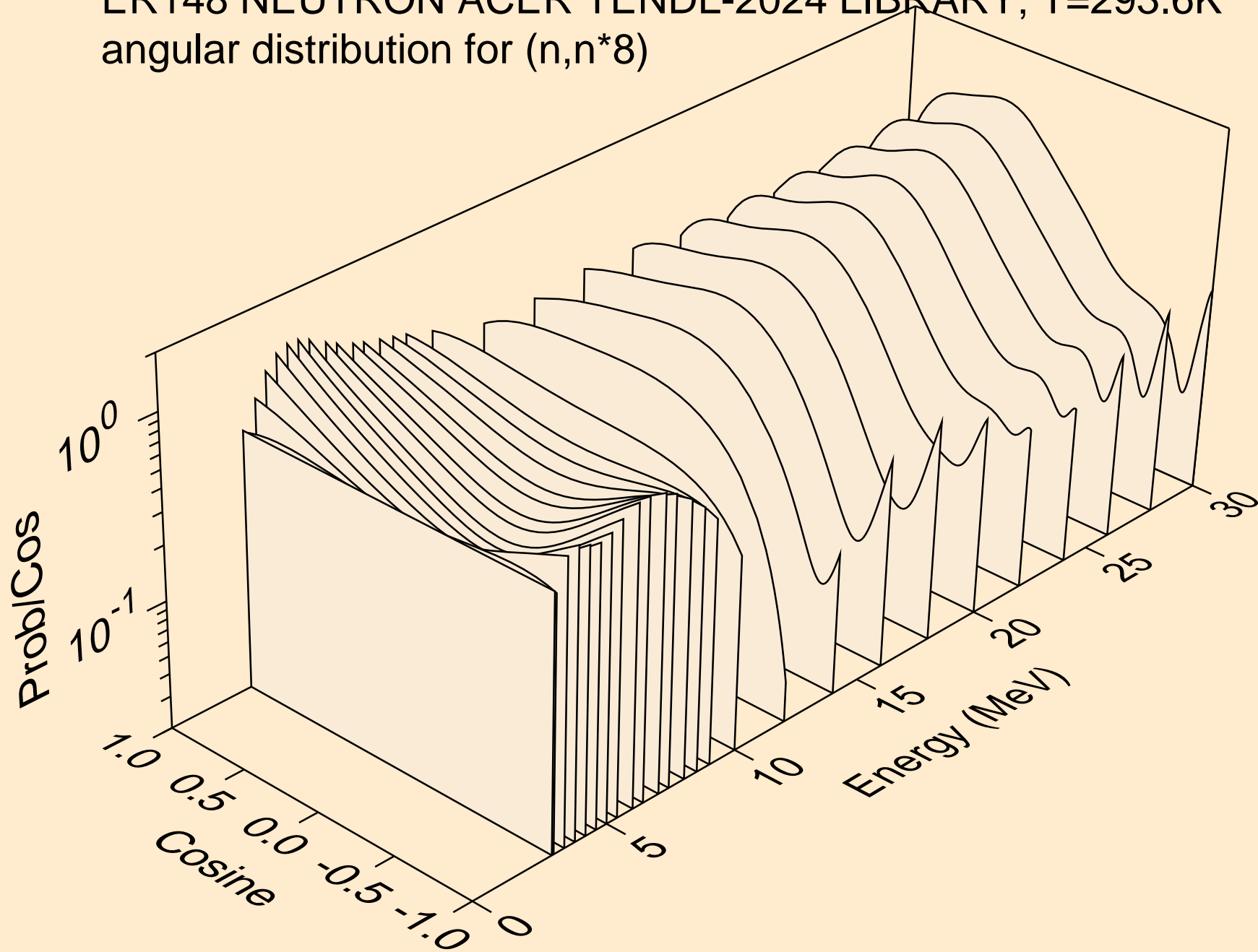
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angular distribution for (n,n\*6)



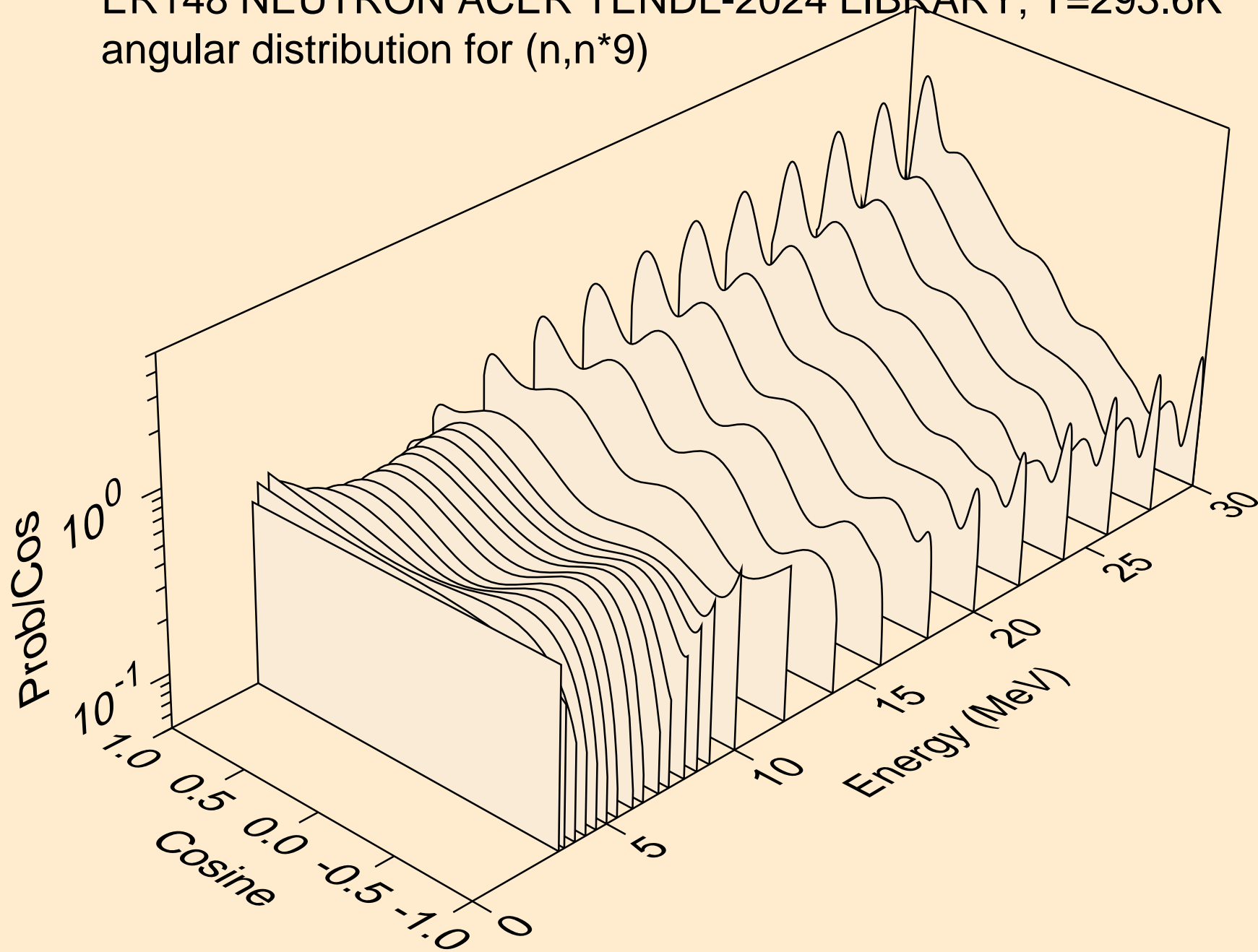
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angular distribution for (n,n\*7)



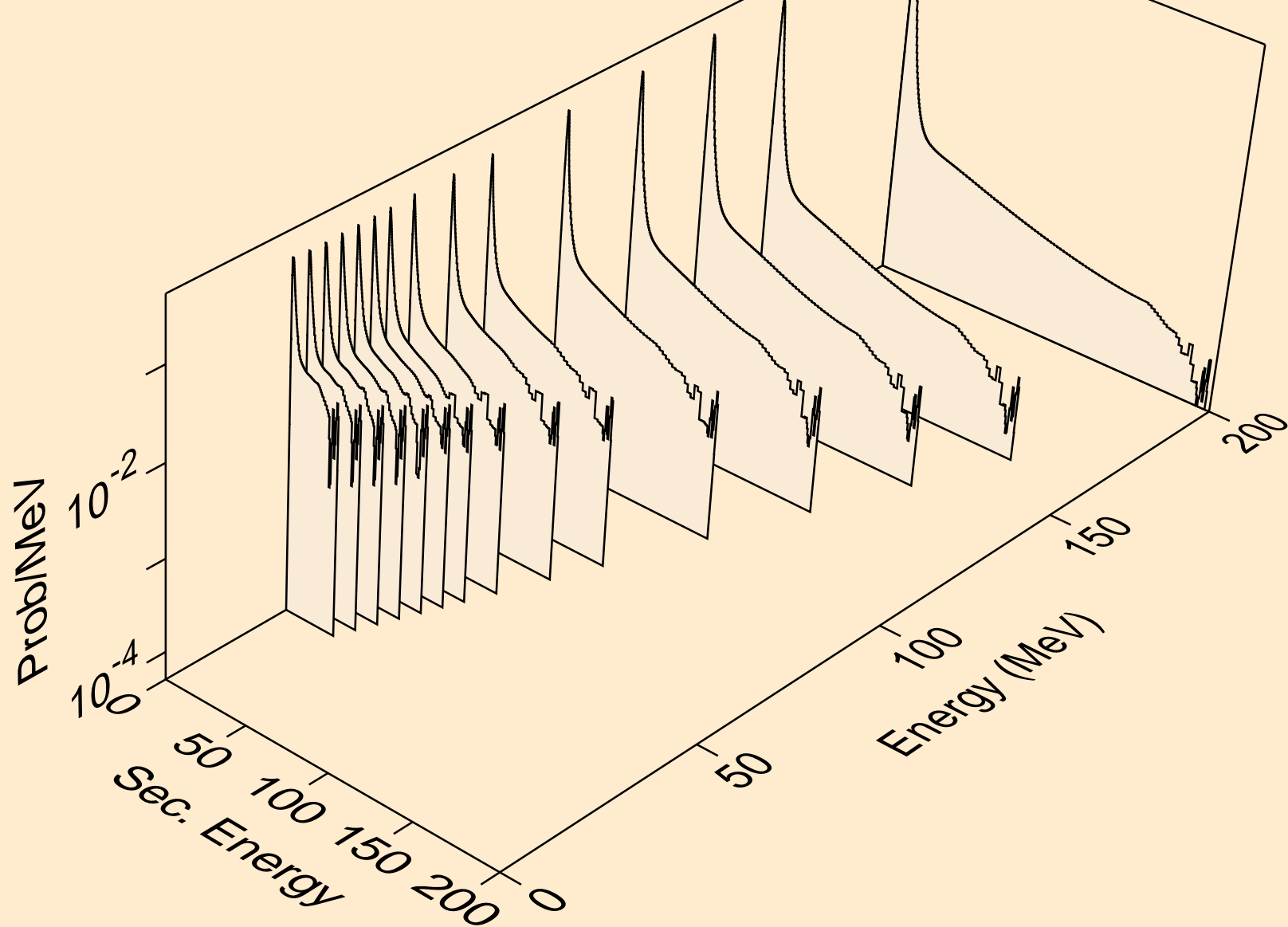
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angular distribution for (n,n\*8)



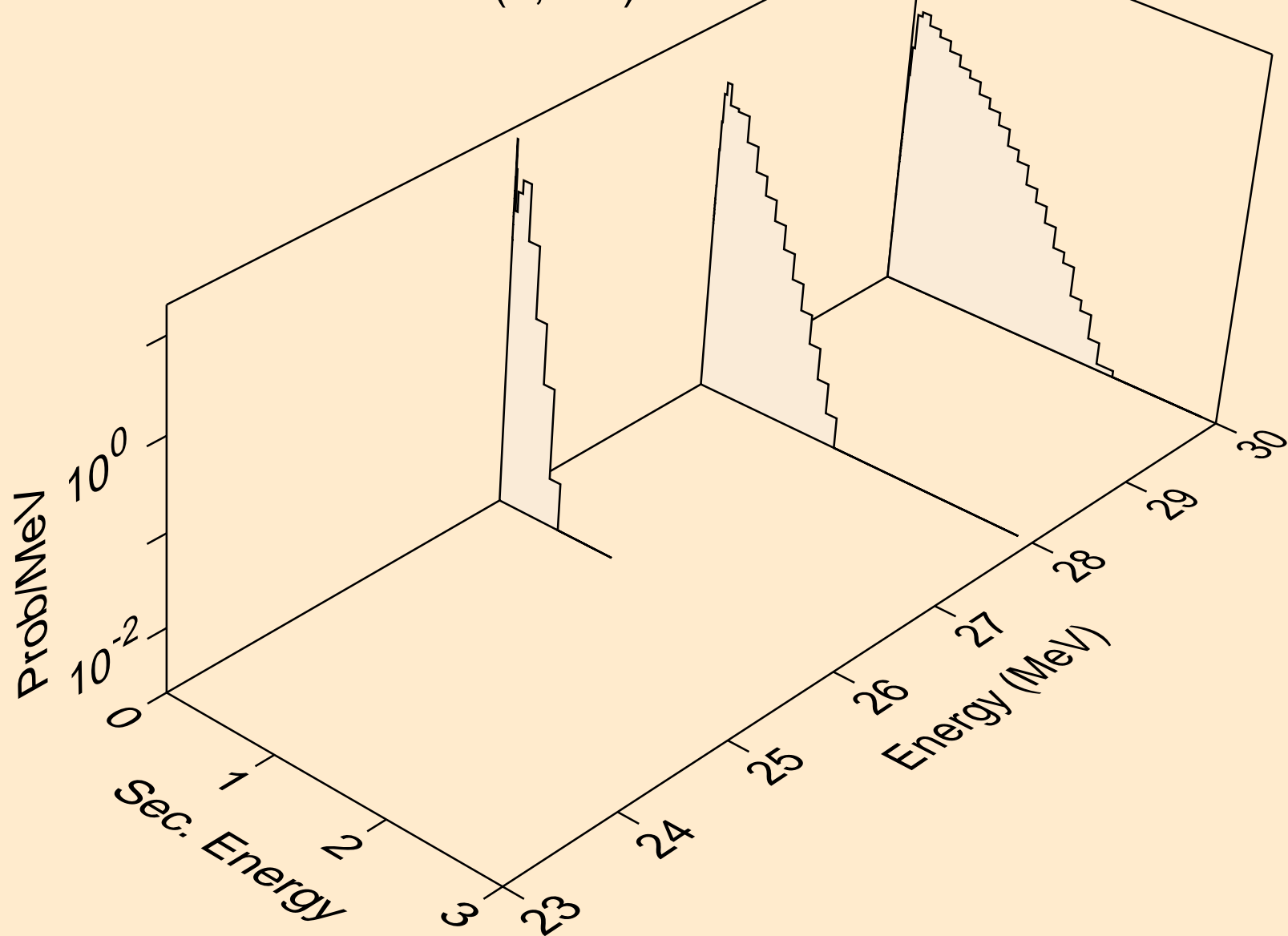
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



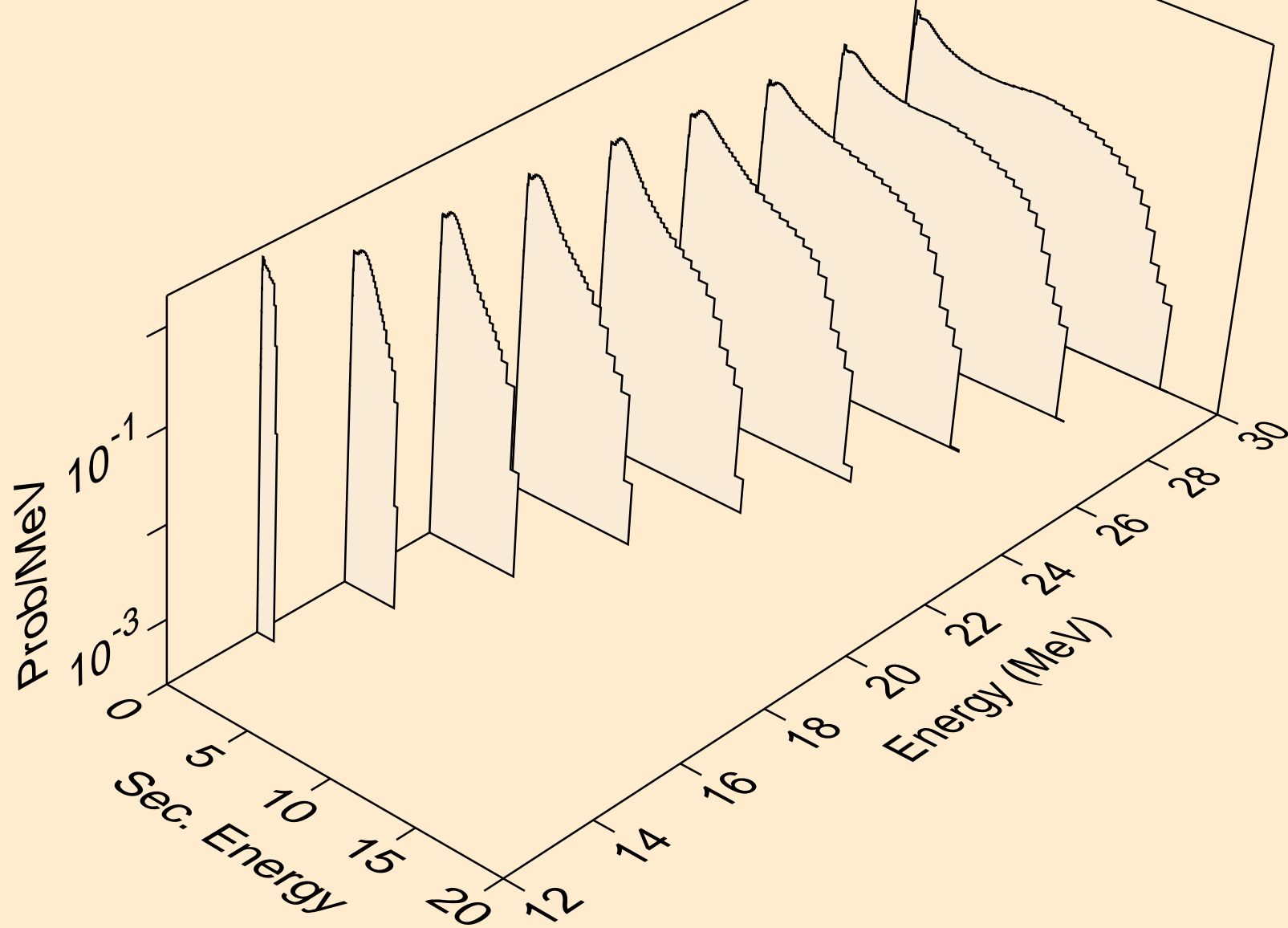
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



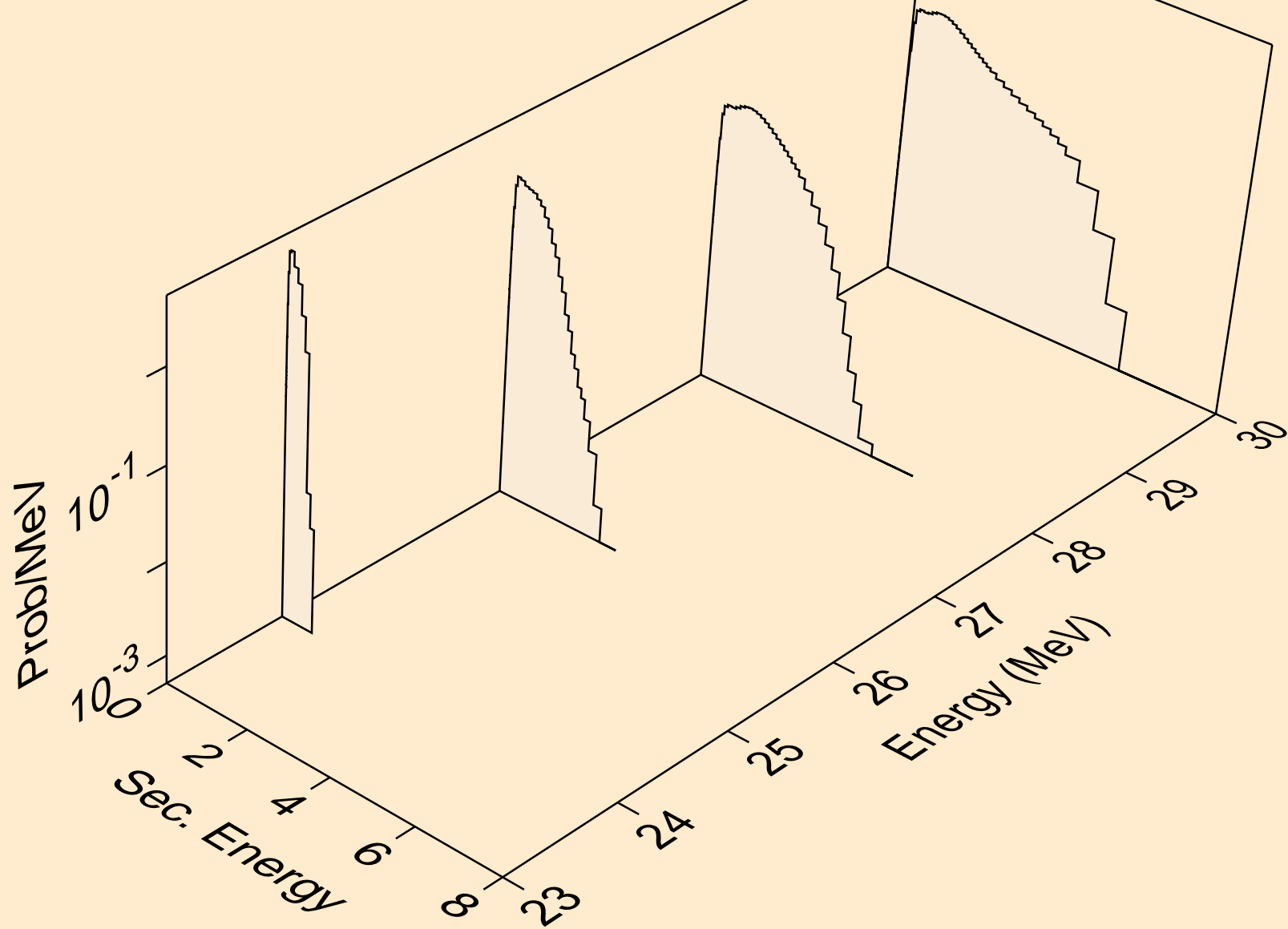
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



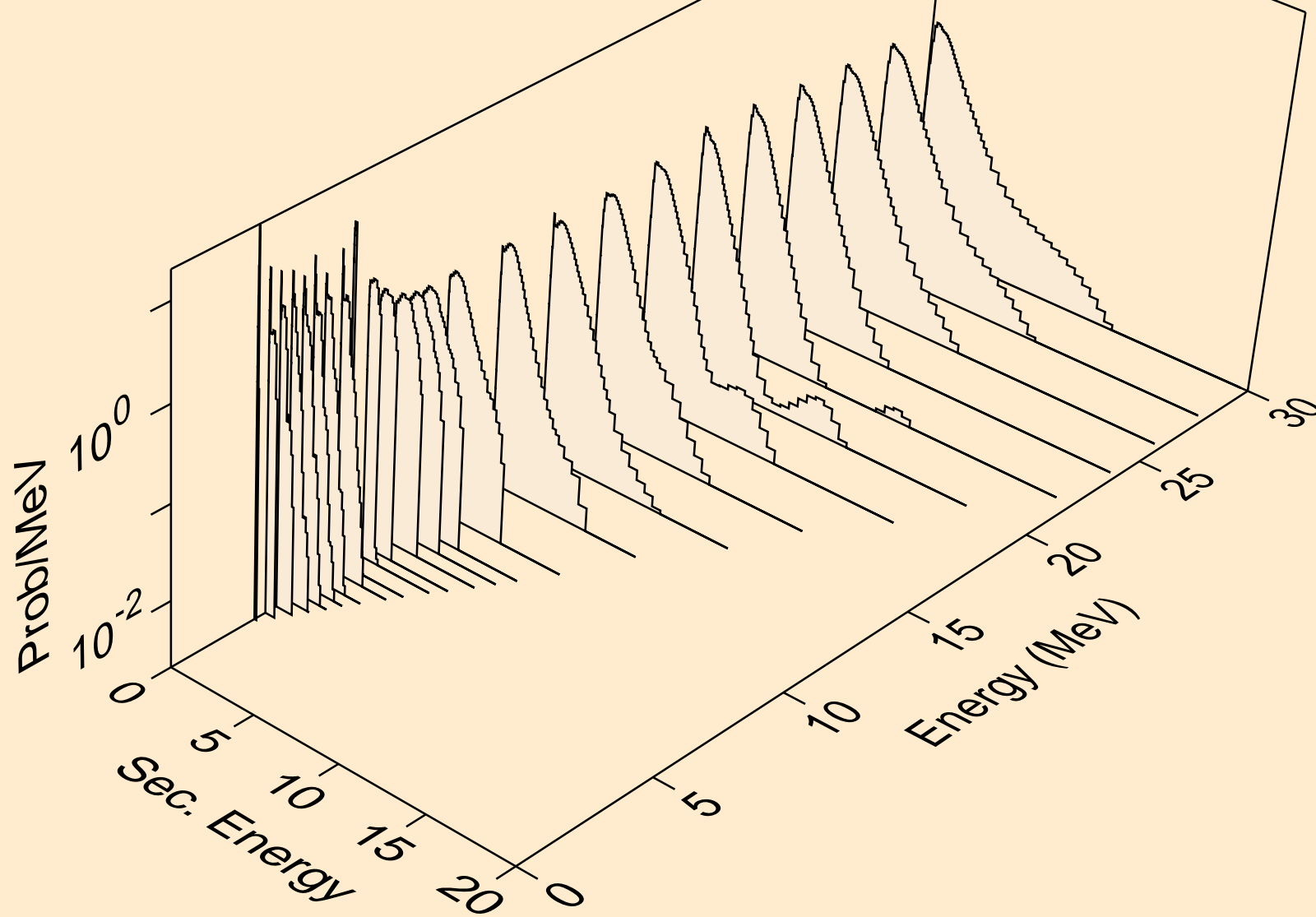
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



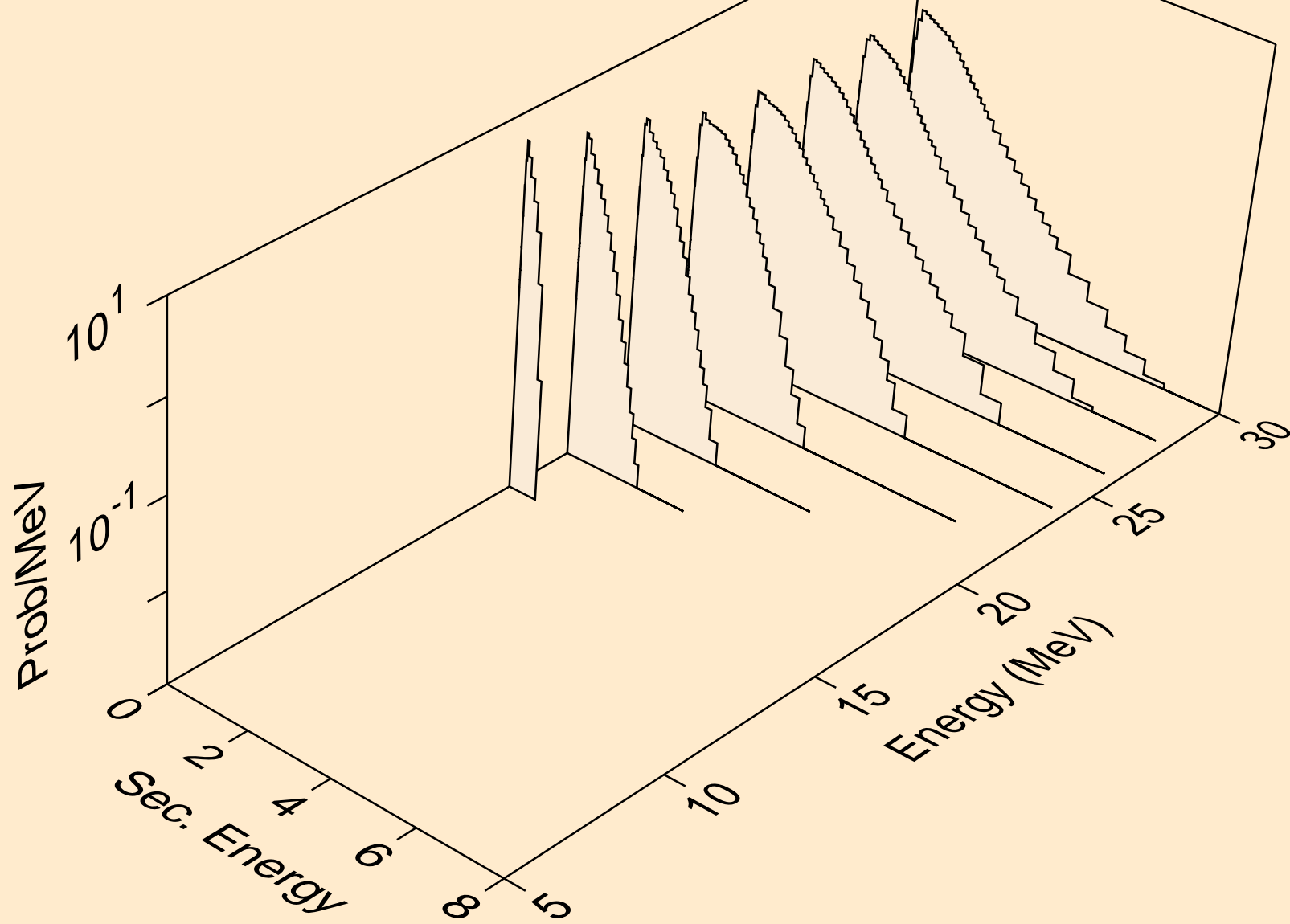
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



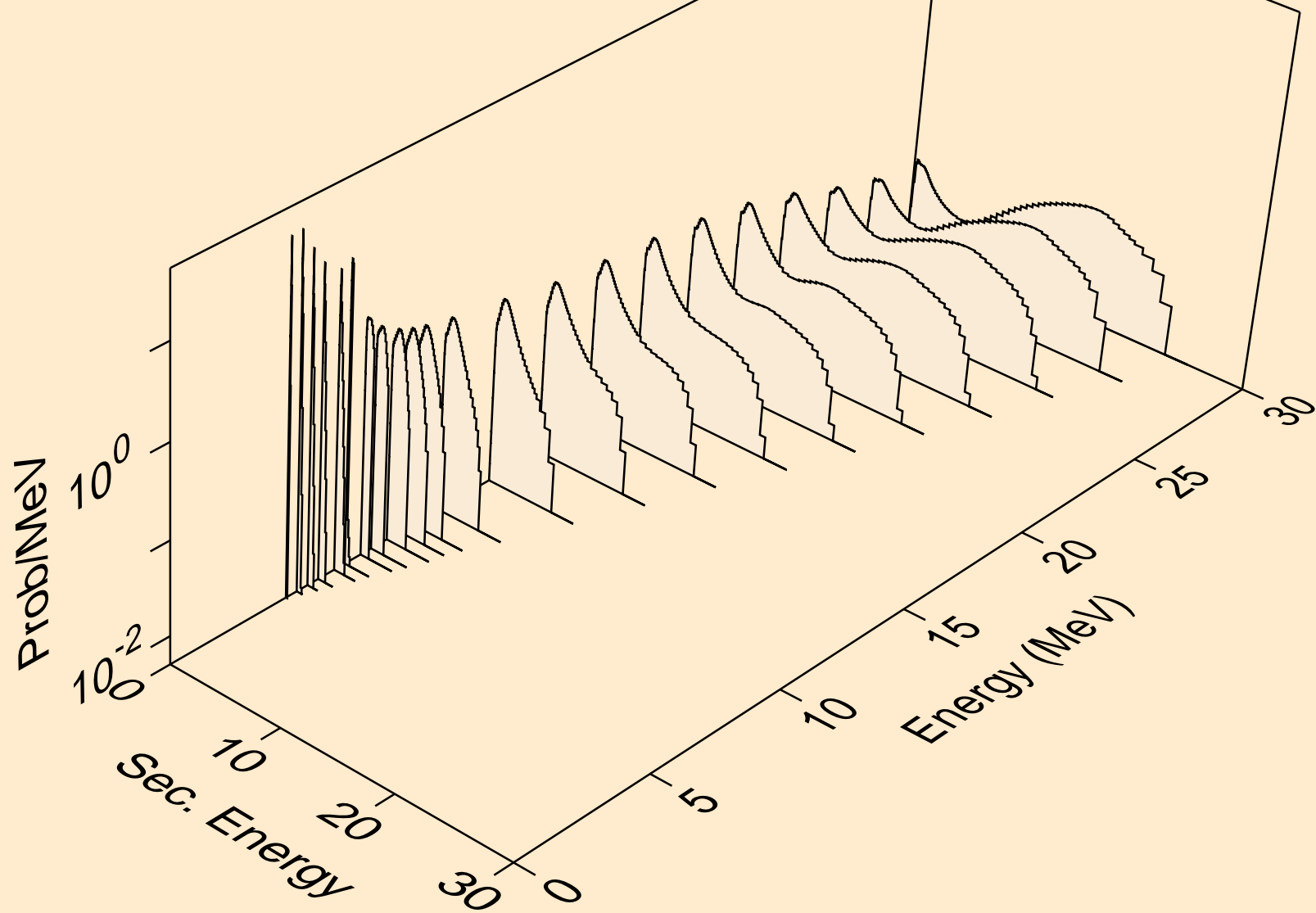
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



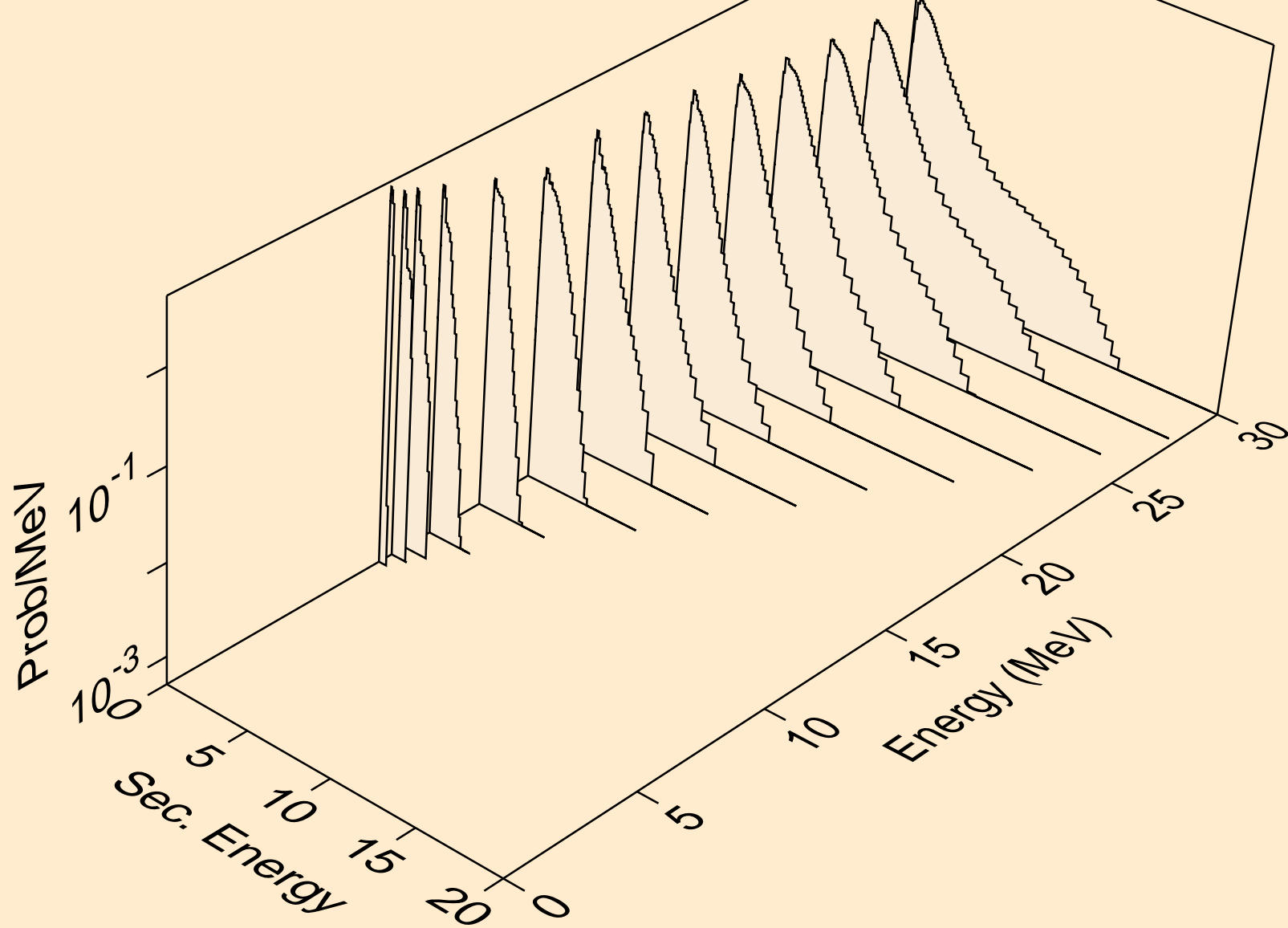
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Neutron emission for (n,2n)<sub>a</sub>



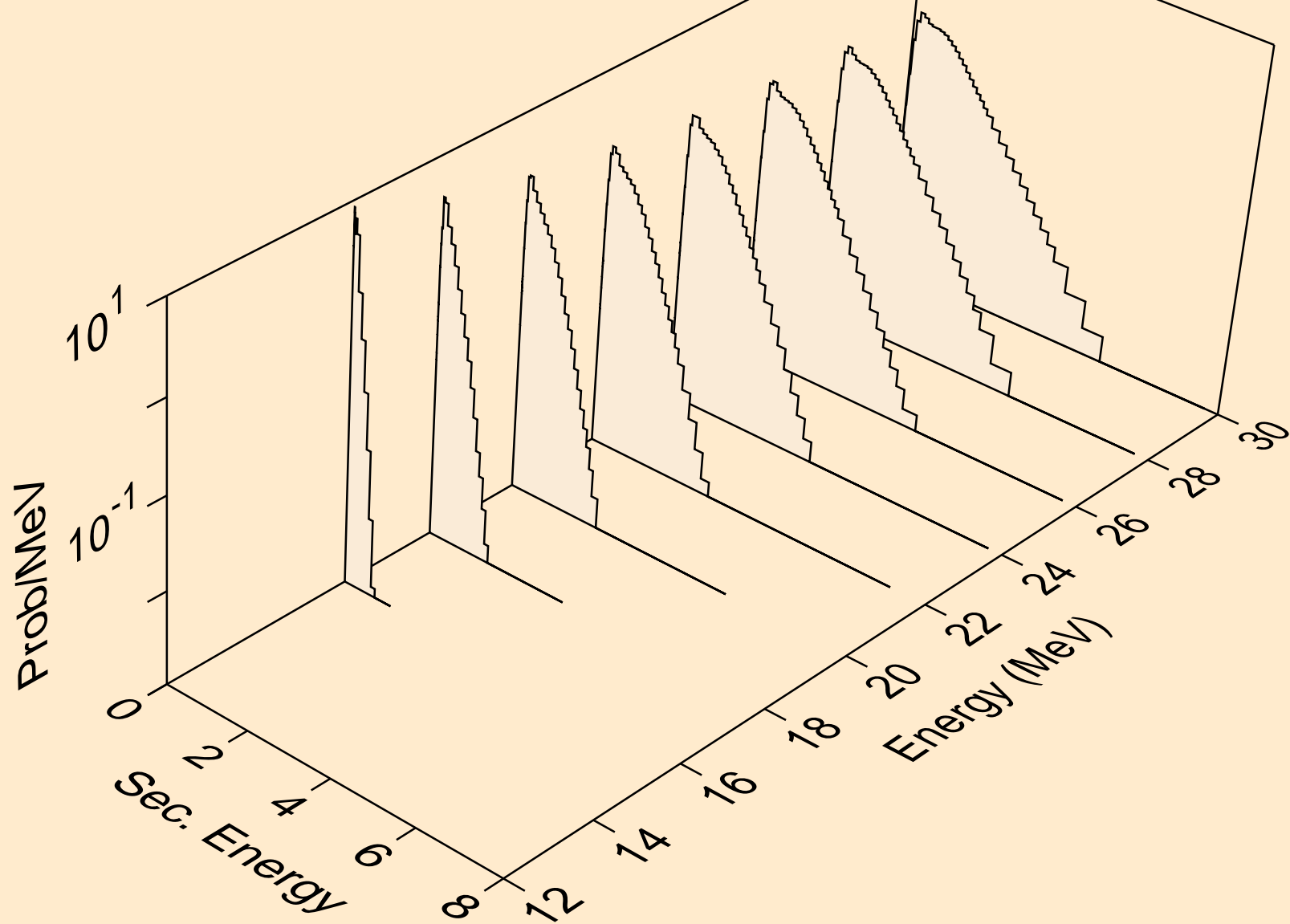
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Neutron emission for (n,n\*)p



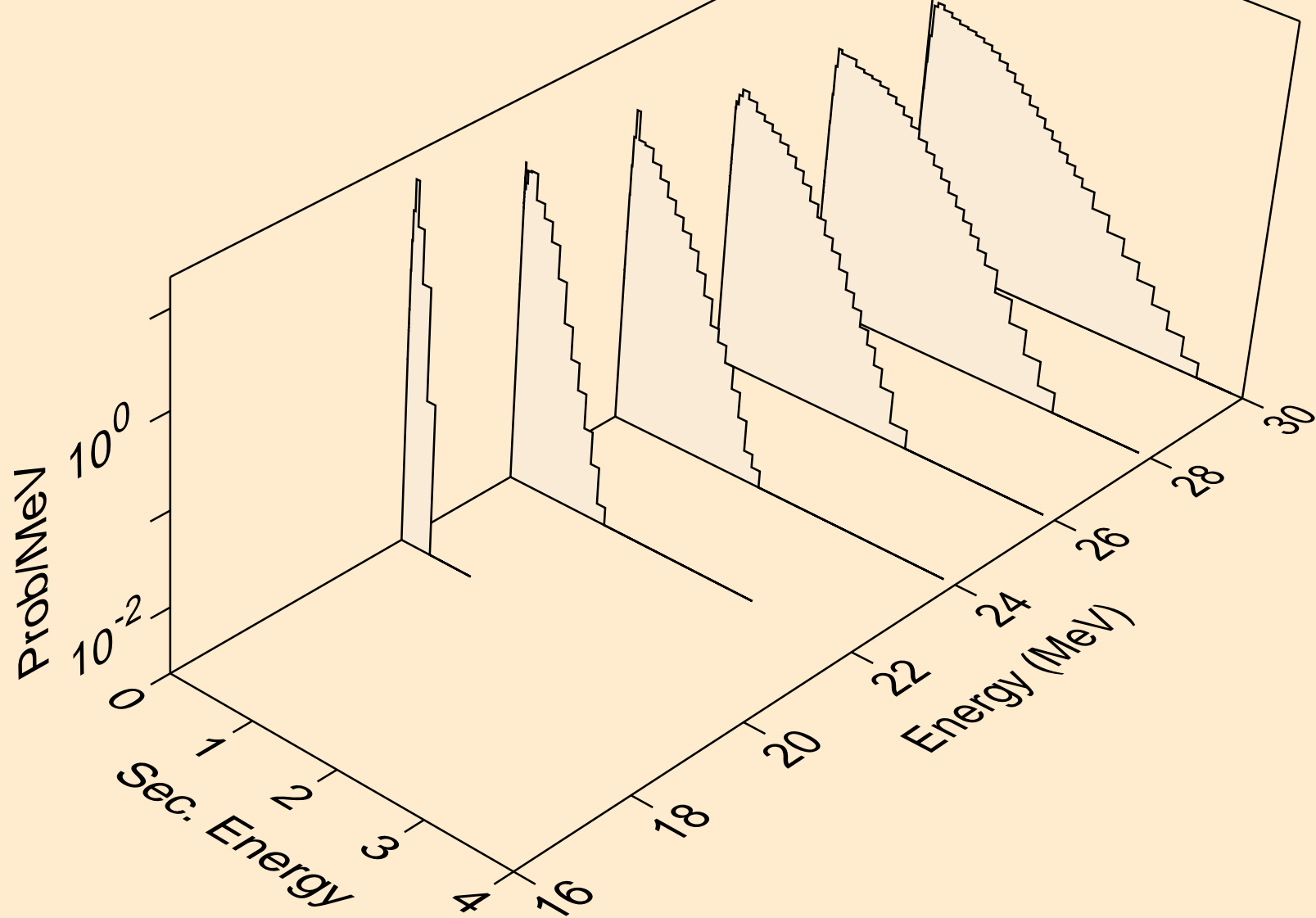
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



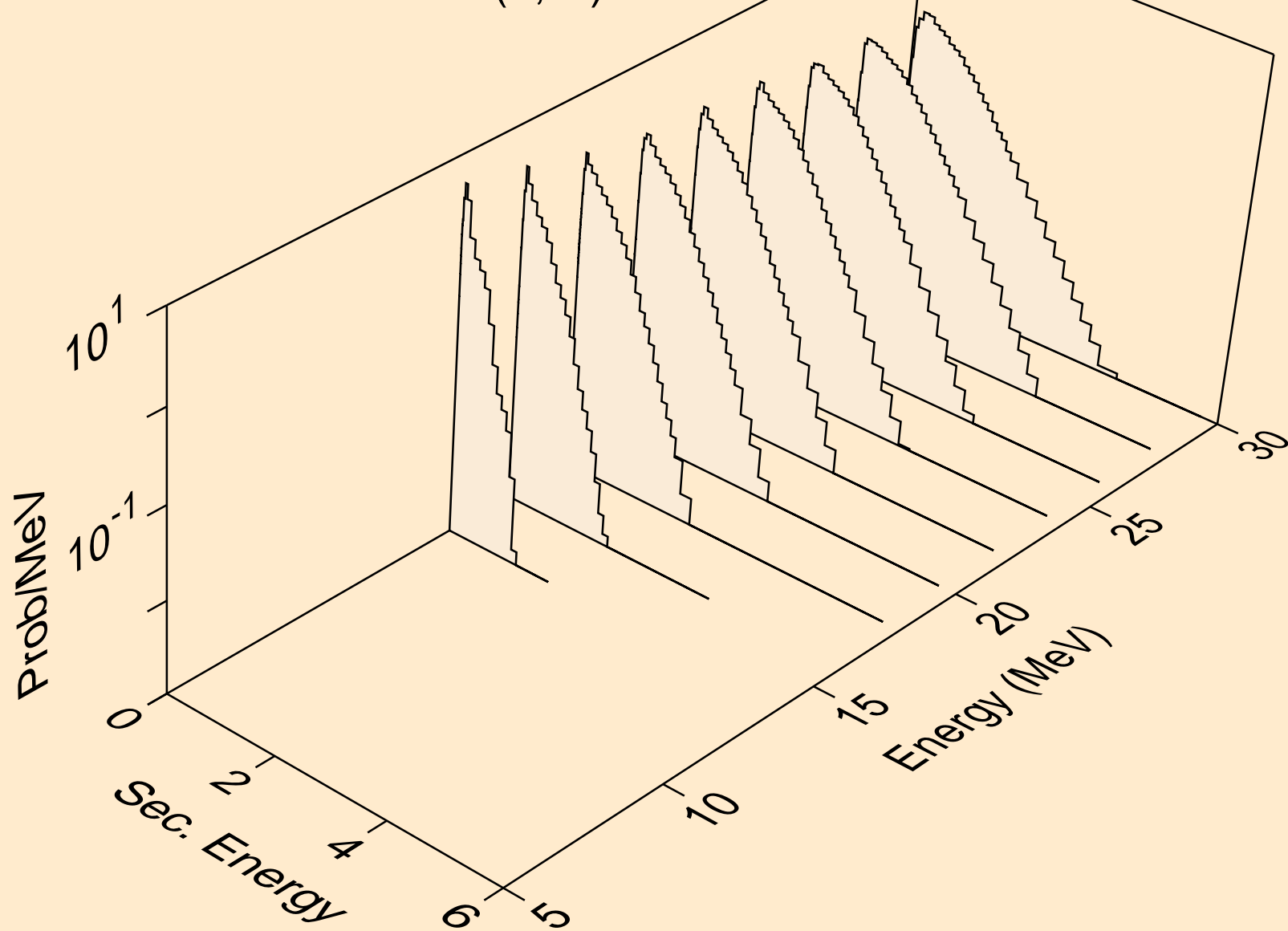
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



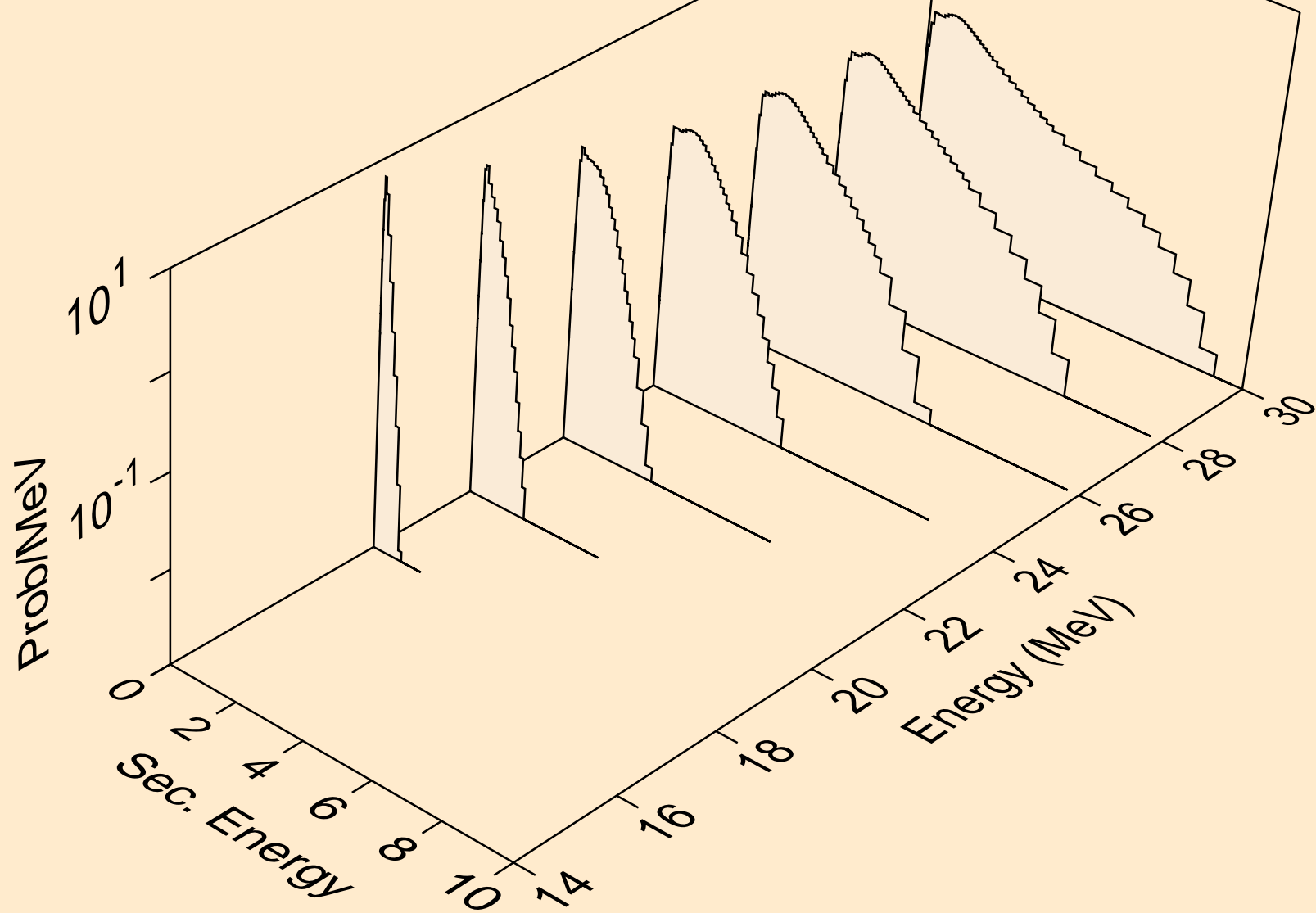
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



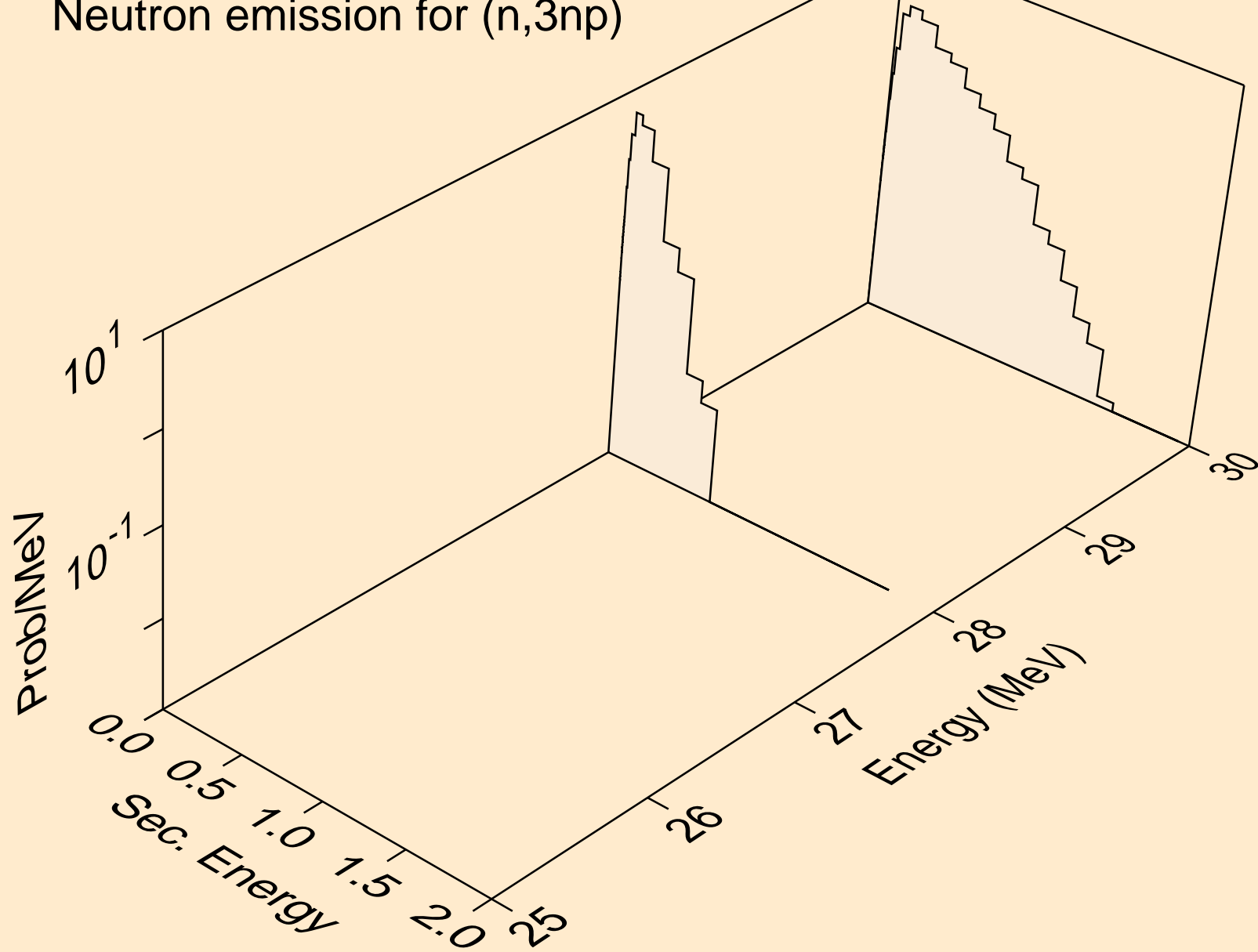
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



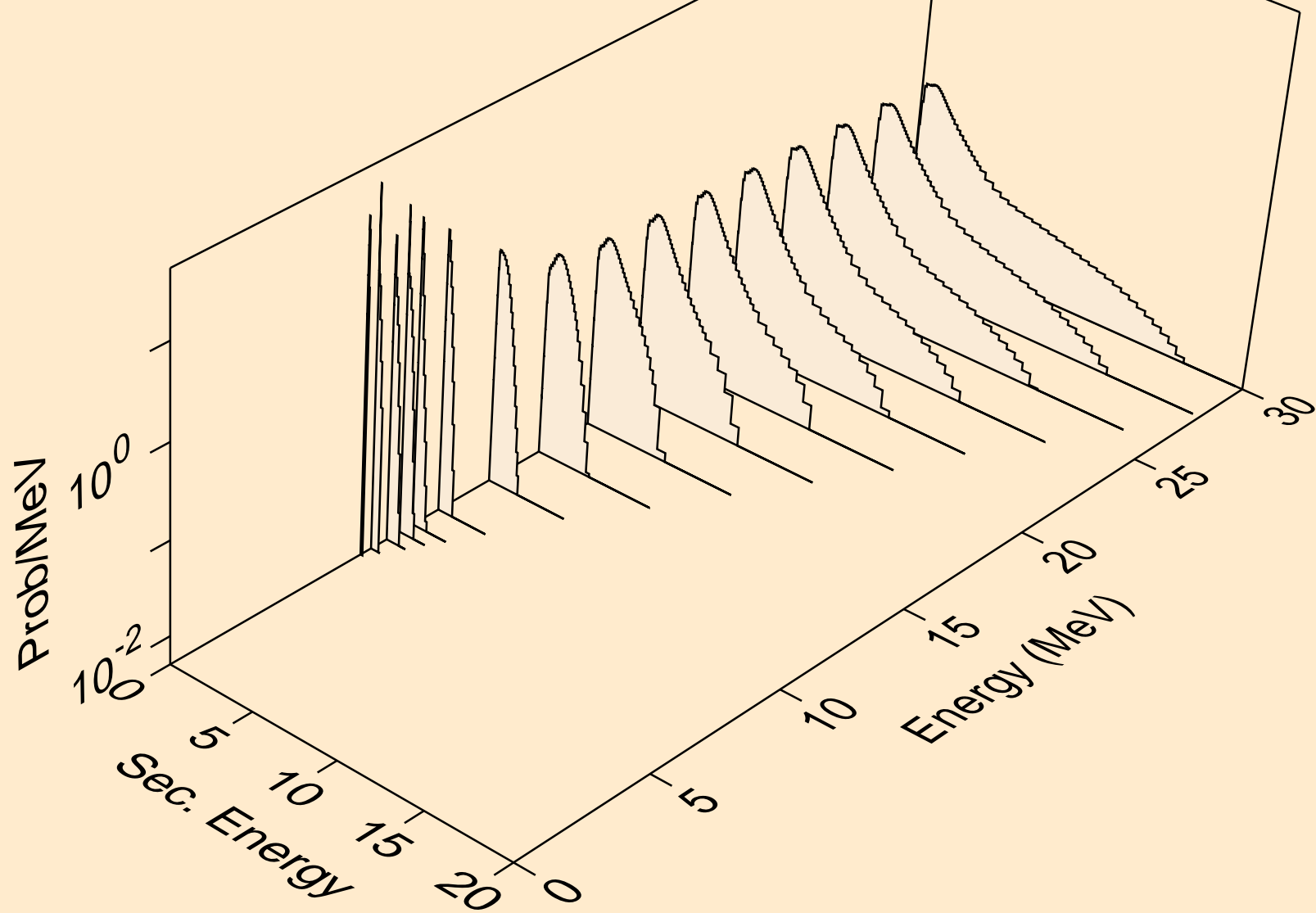
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



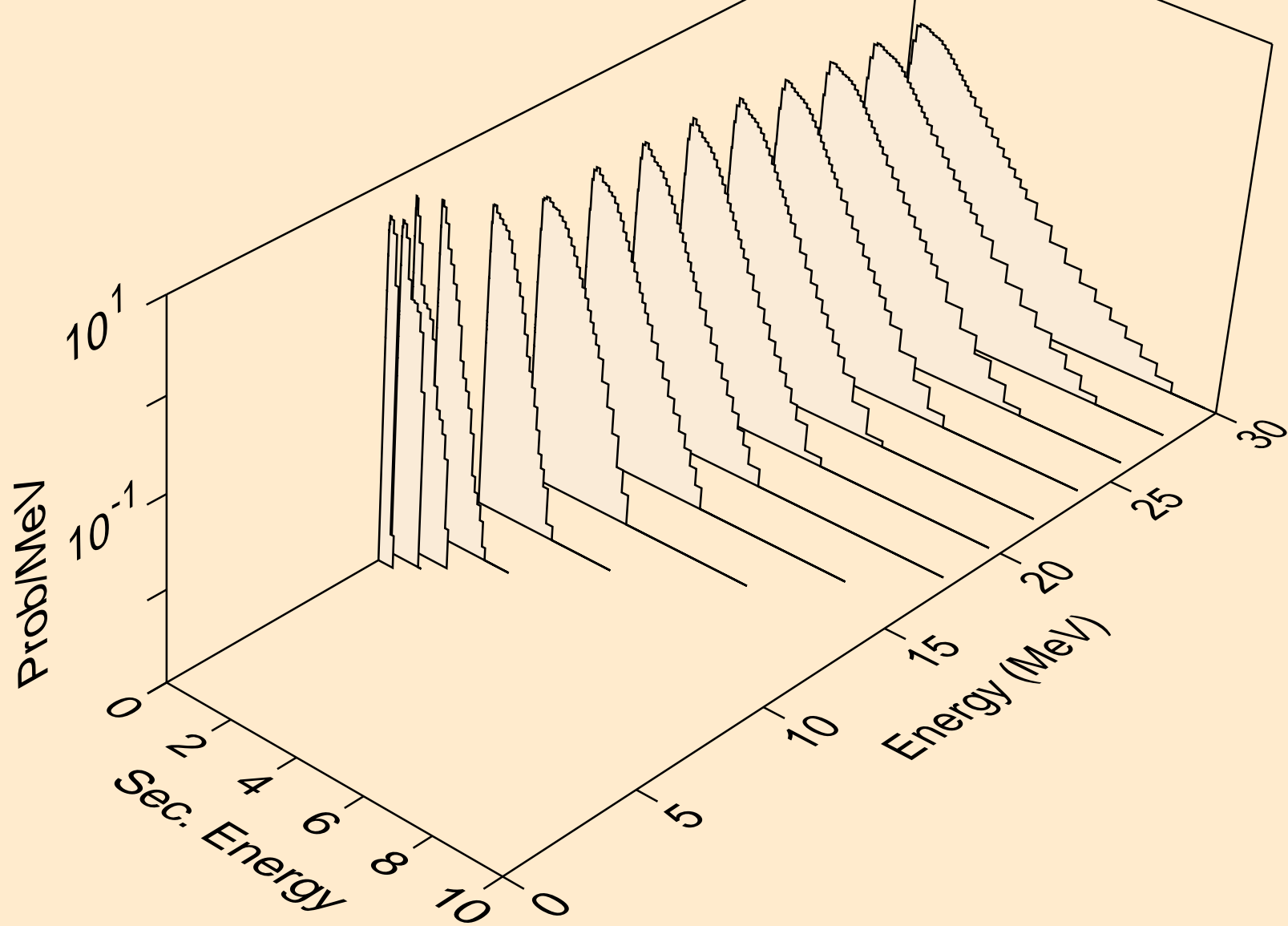
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Neutron emission for (n,3np)



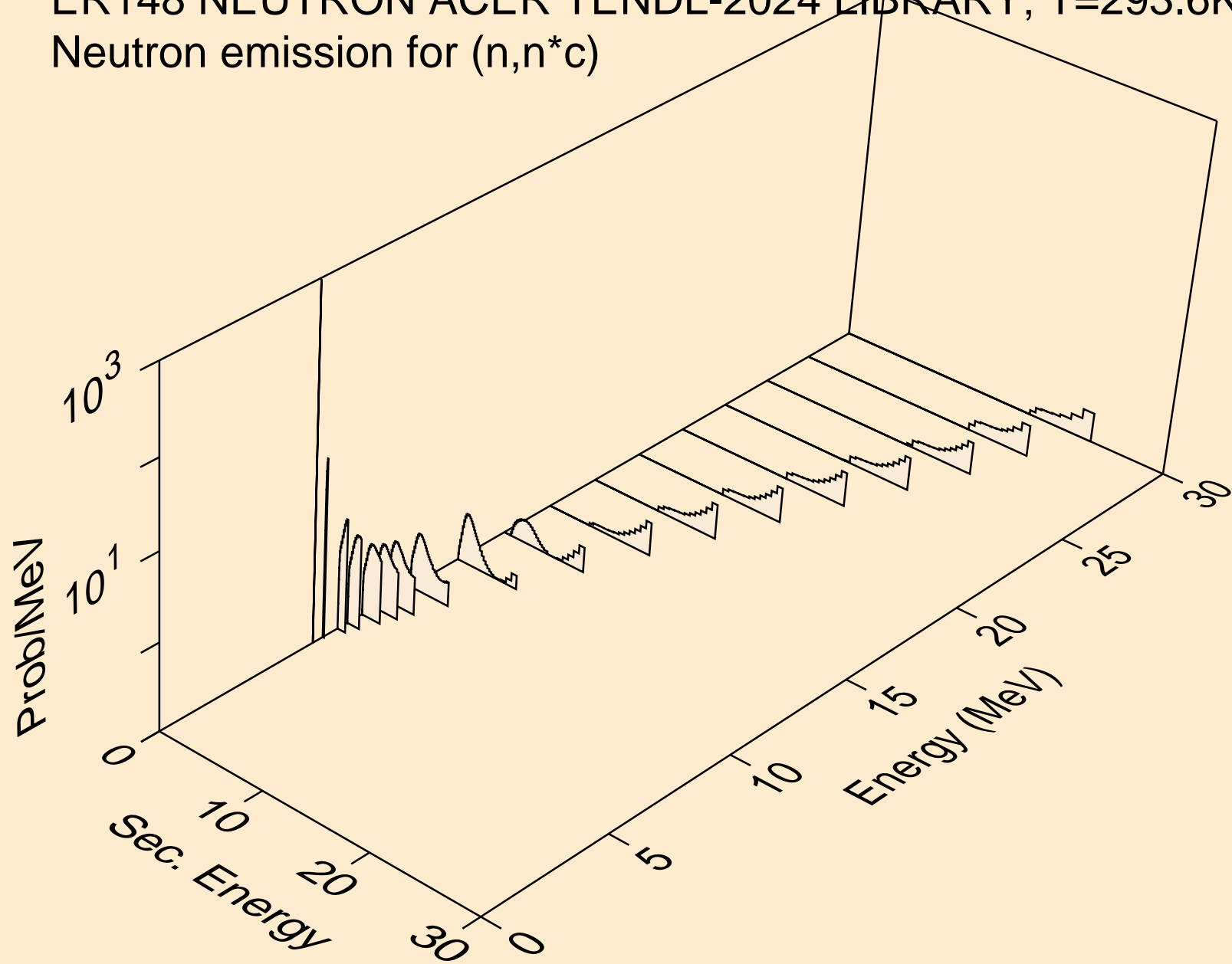
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Neutron emission for (n,n2p)



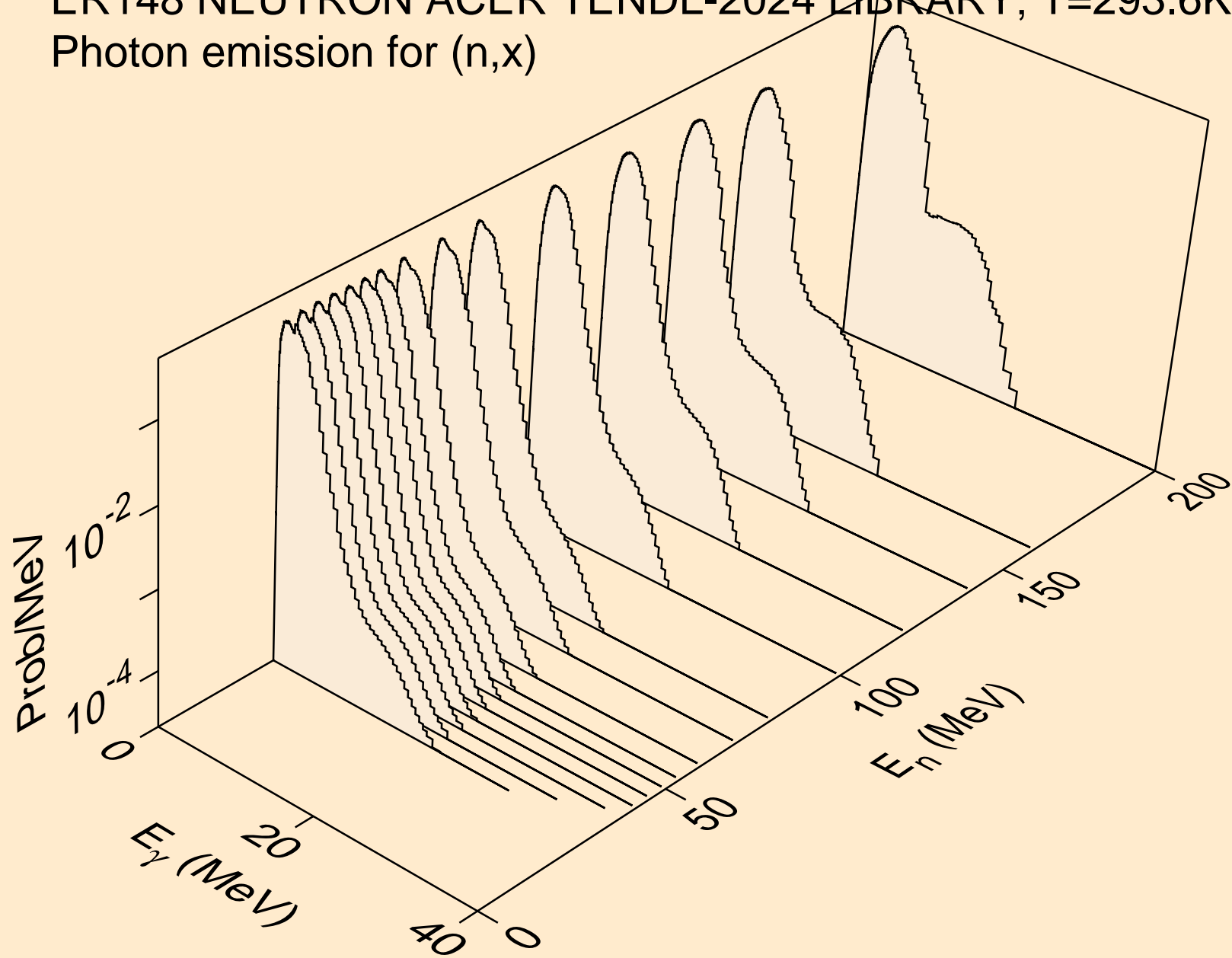
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Neutron emission for (n,npa)



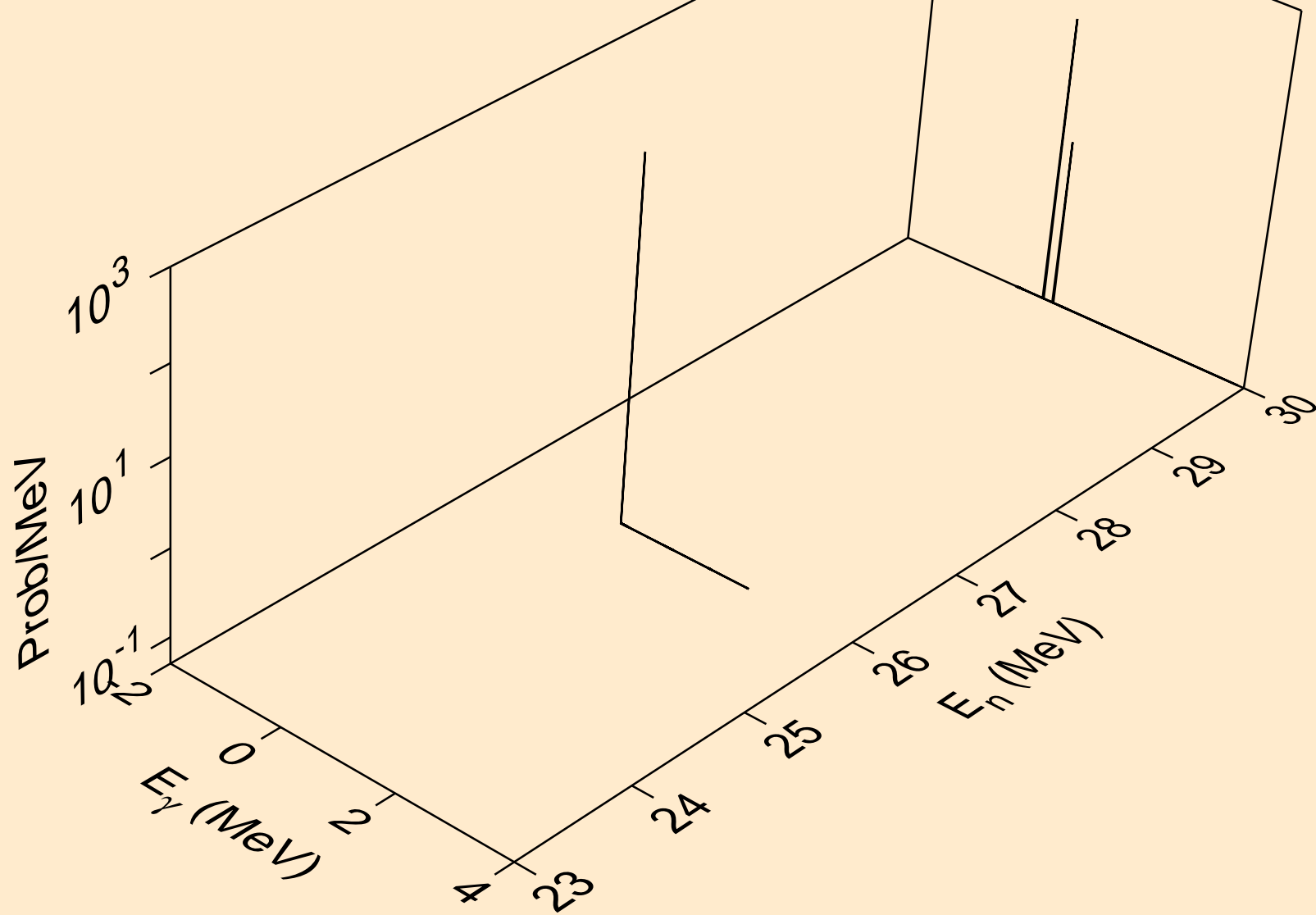
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



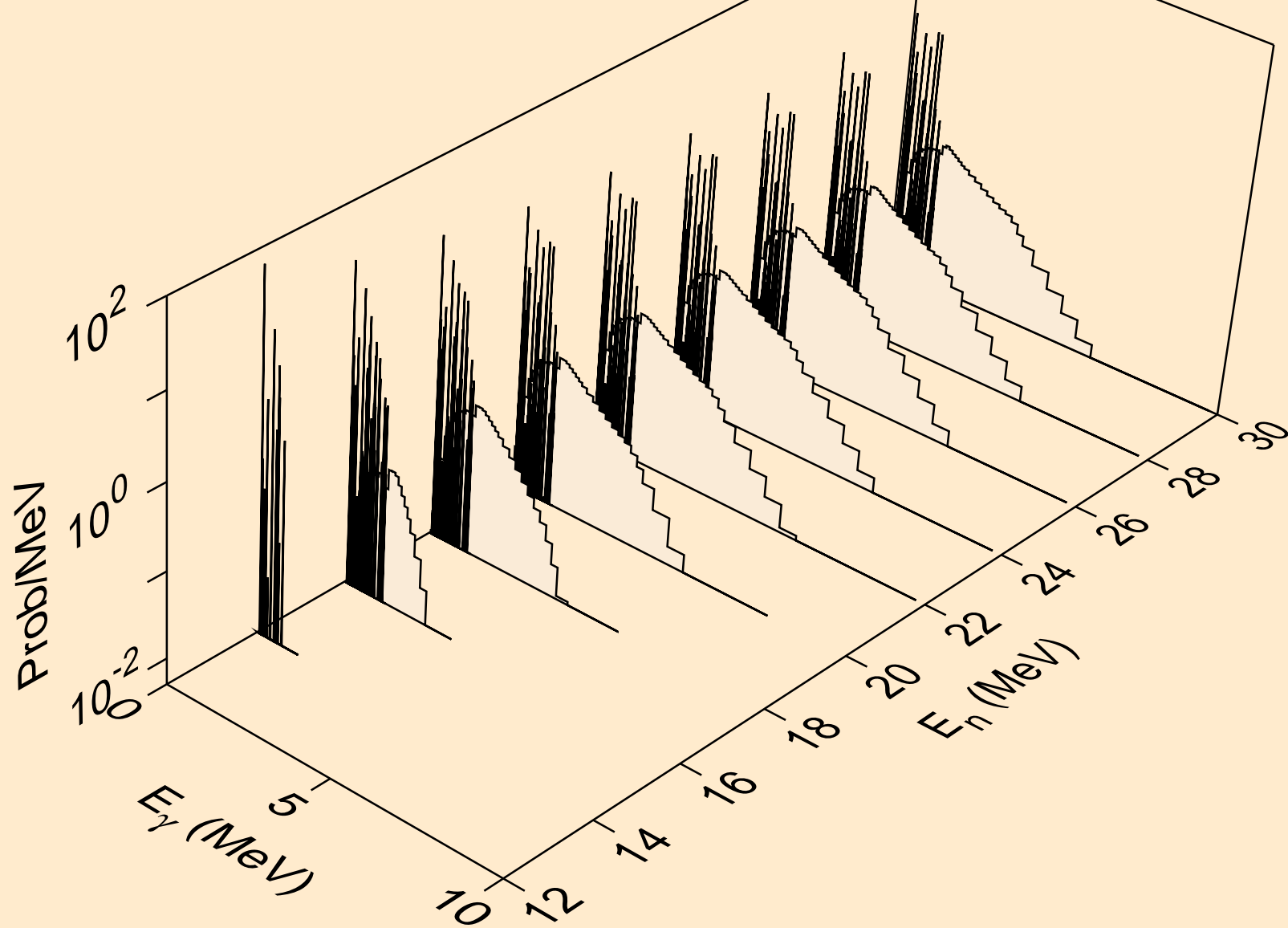
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



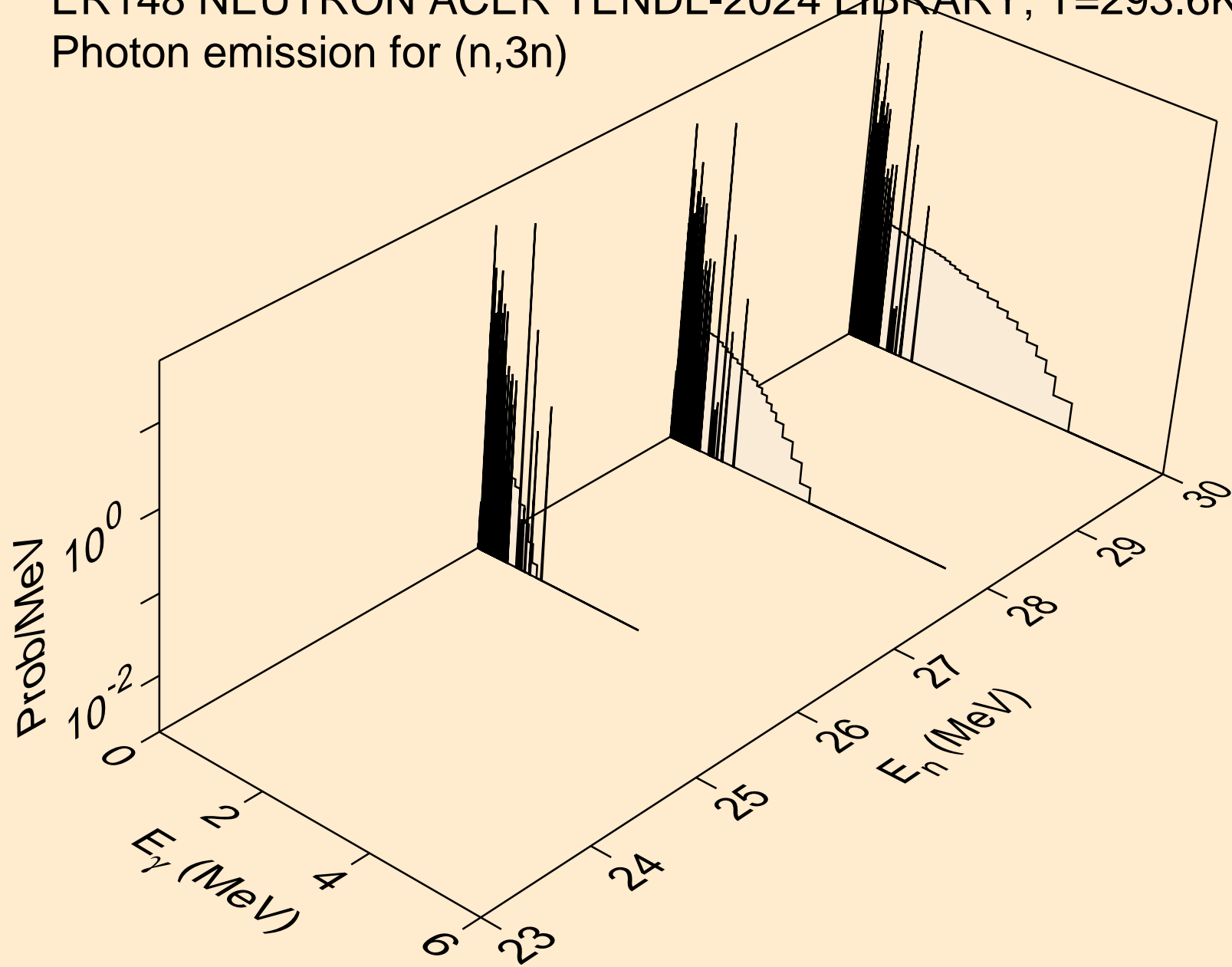
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



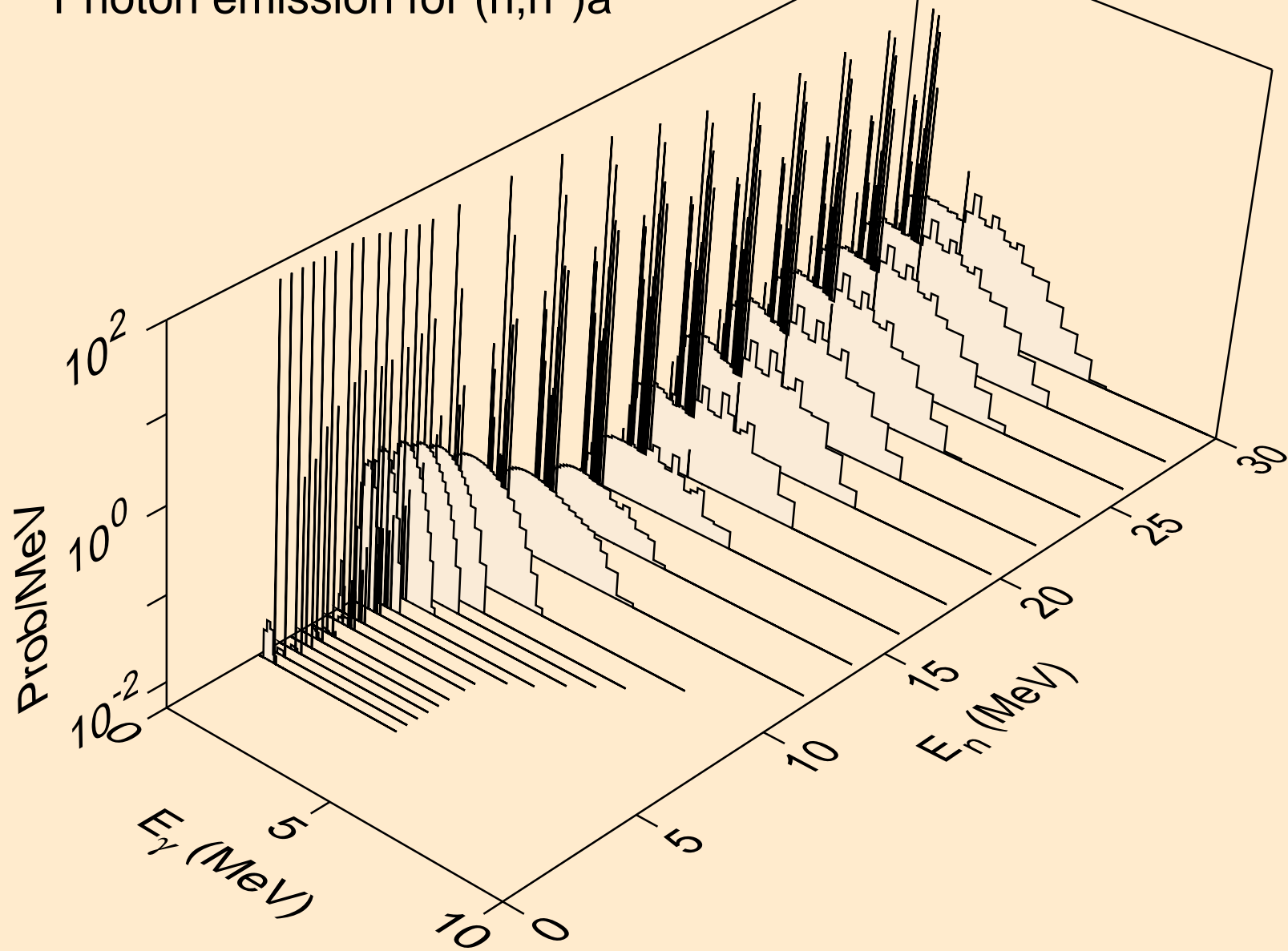
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)



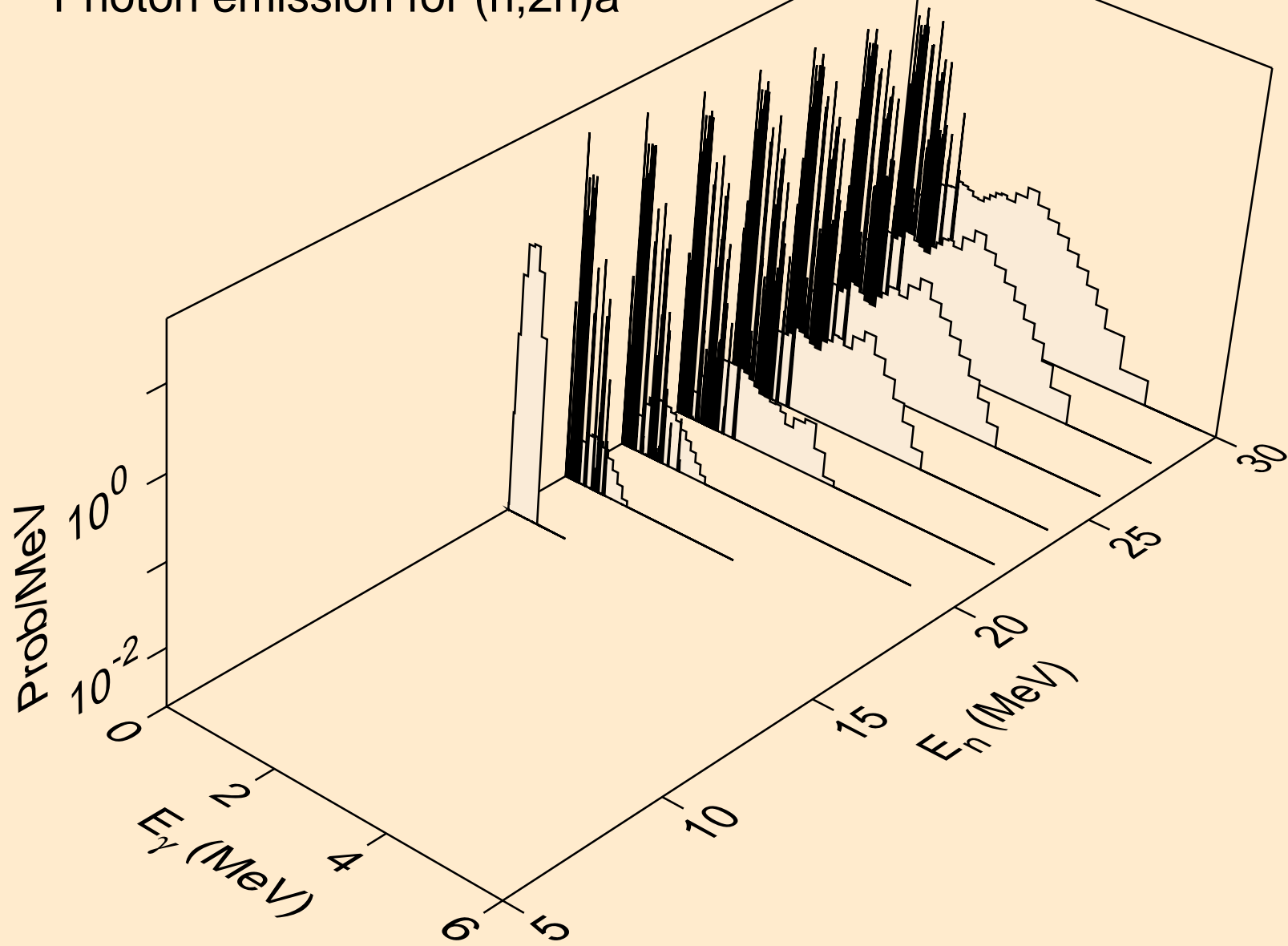
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Photon emission for (n,3n)



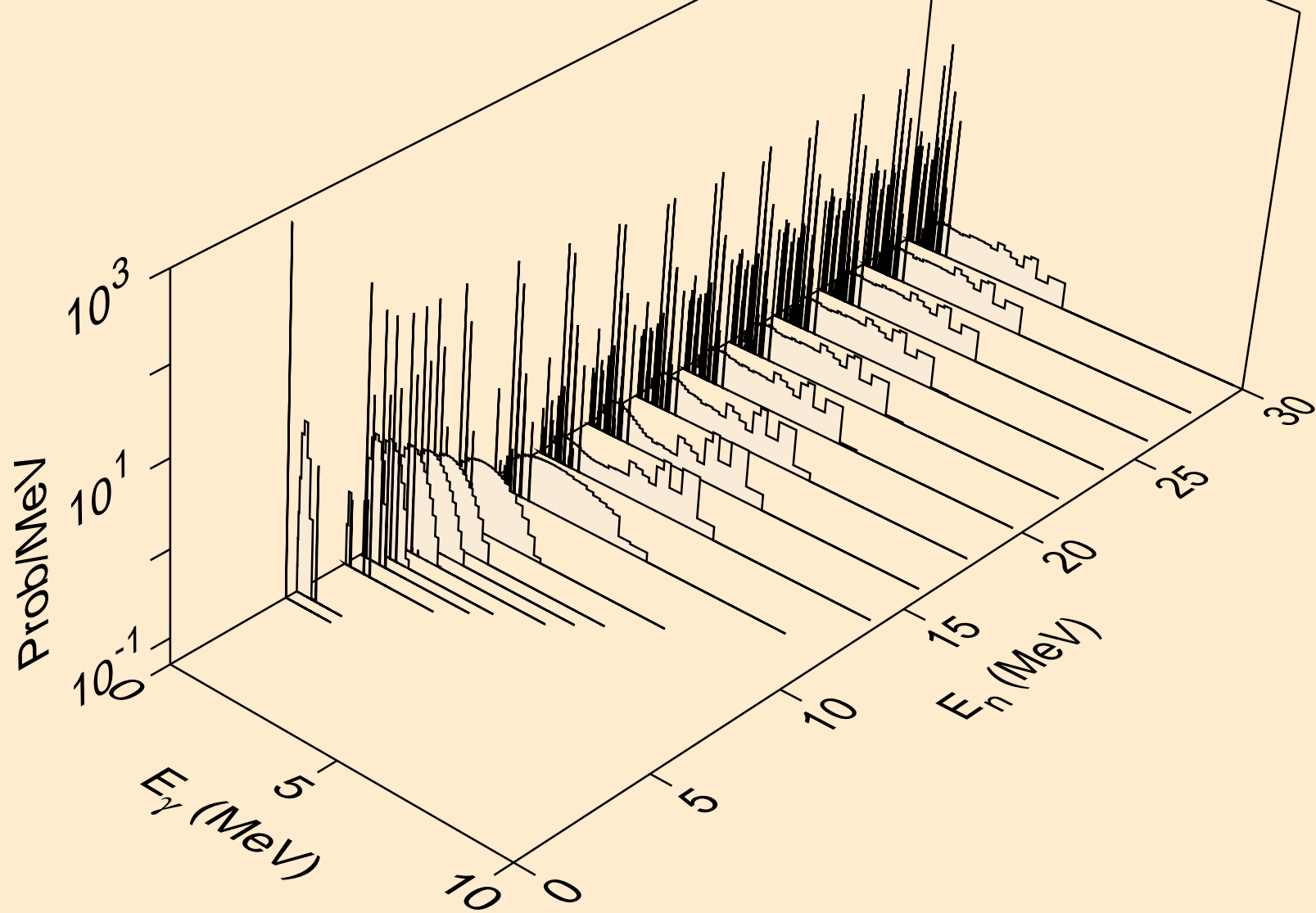
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



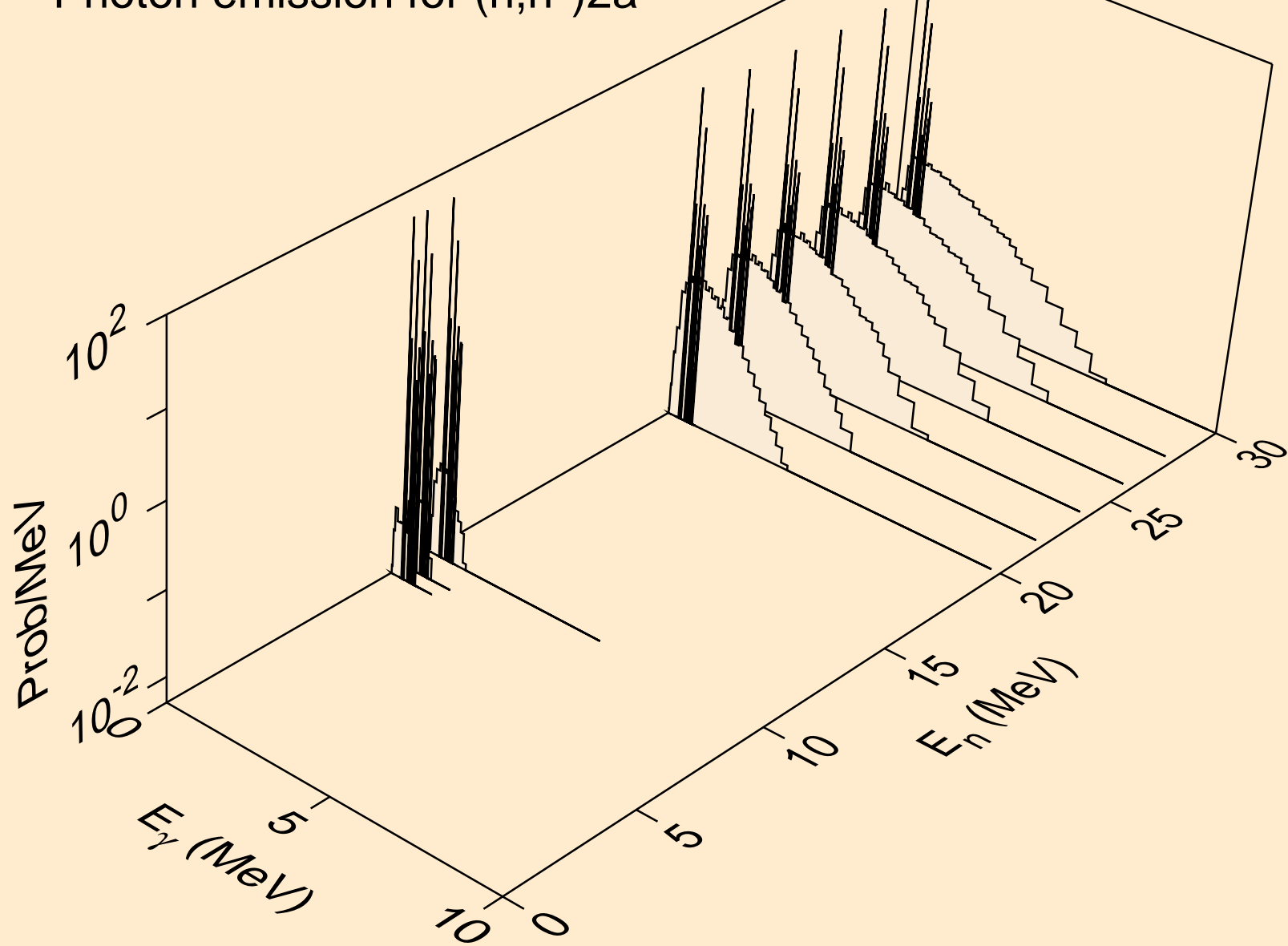
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



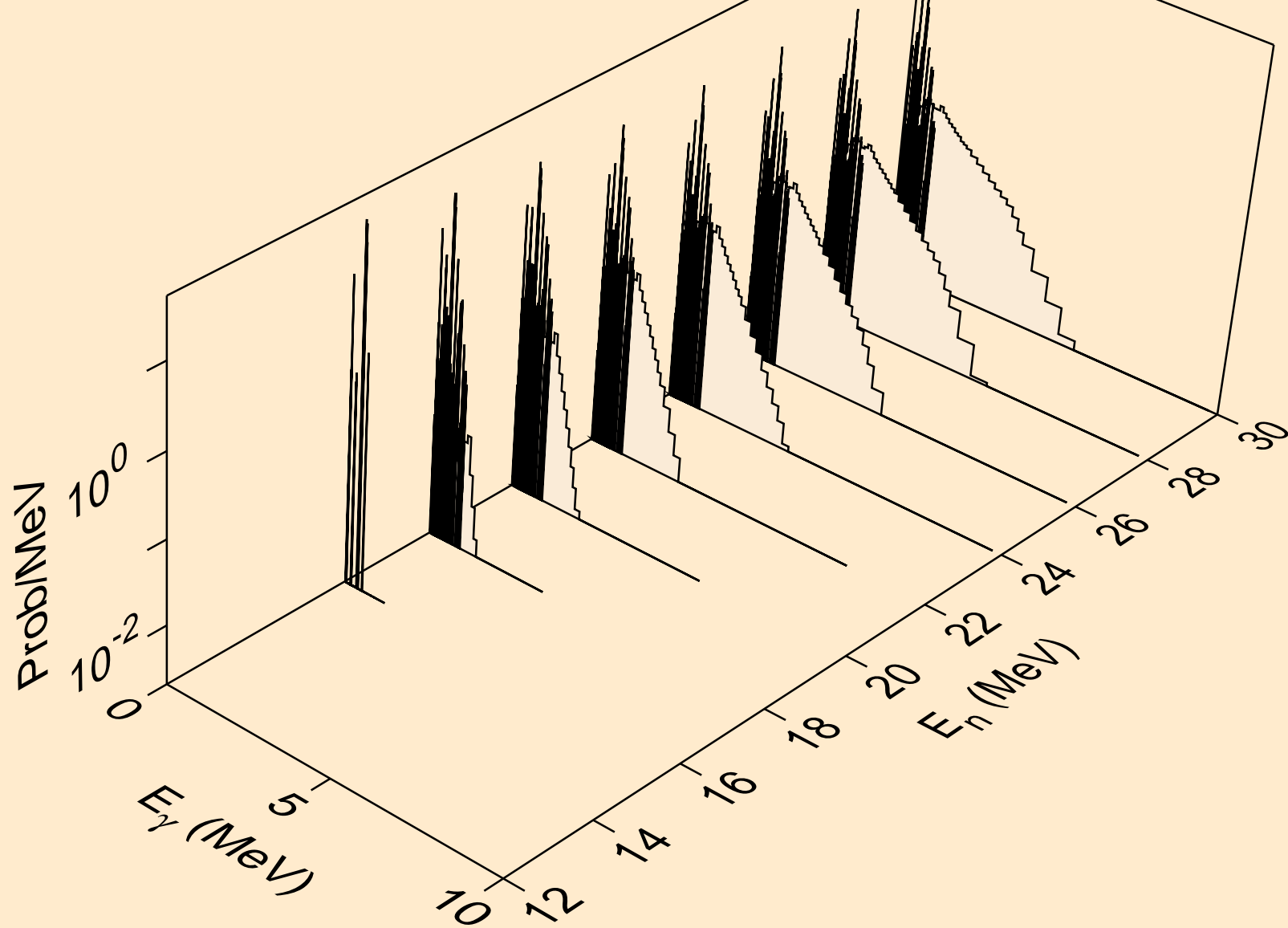
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



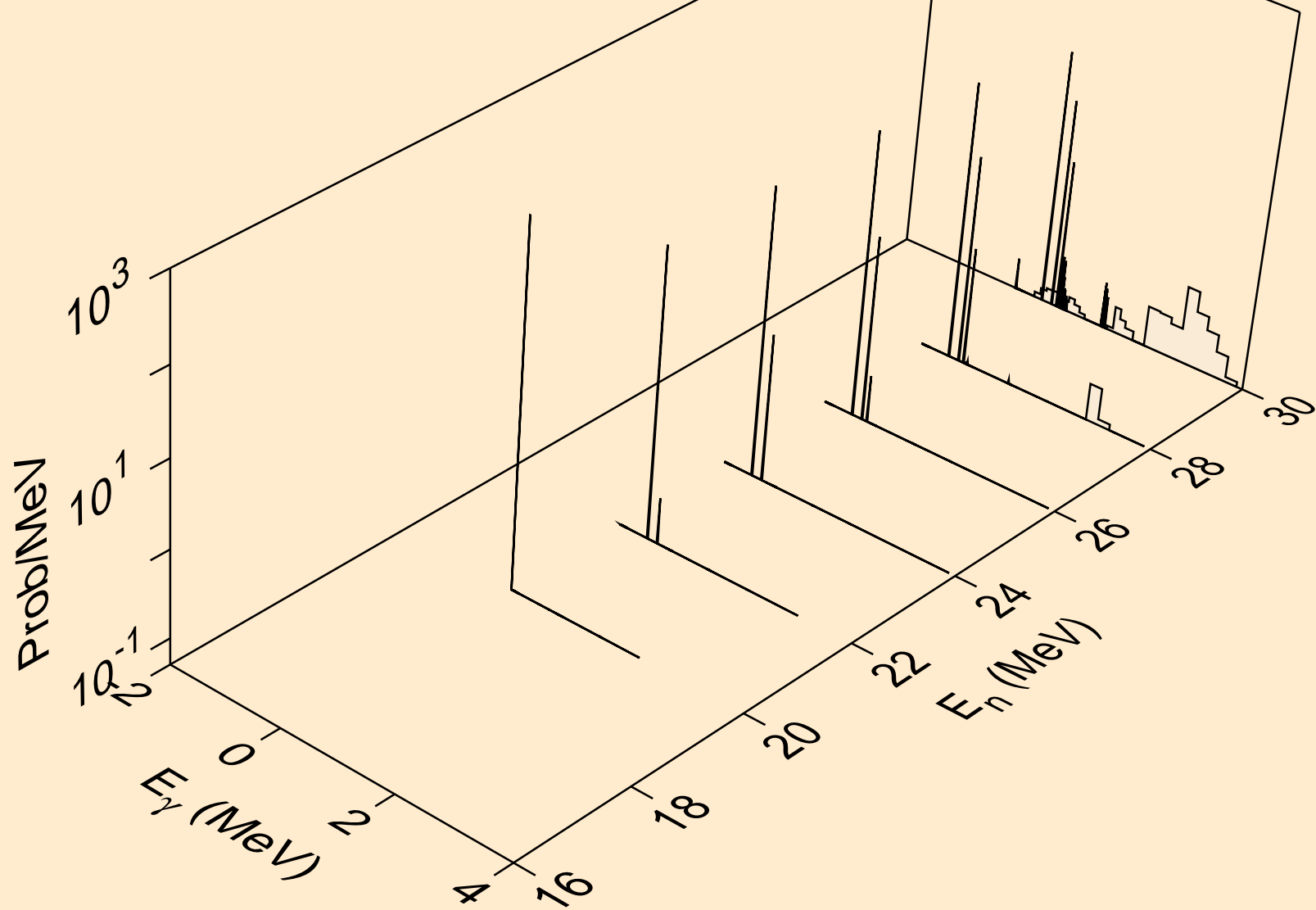
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Photon emission for (n,n\*)2a



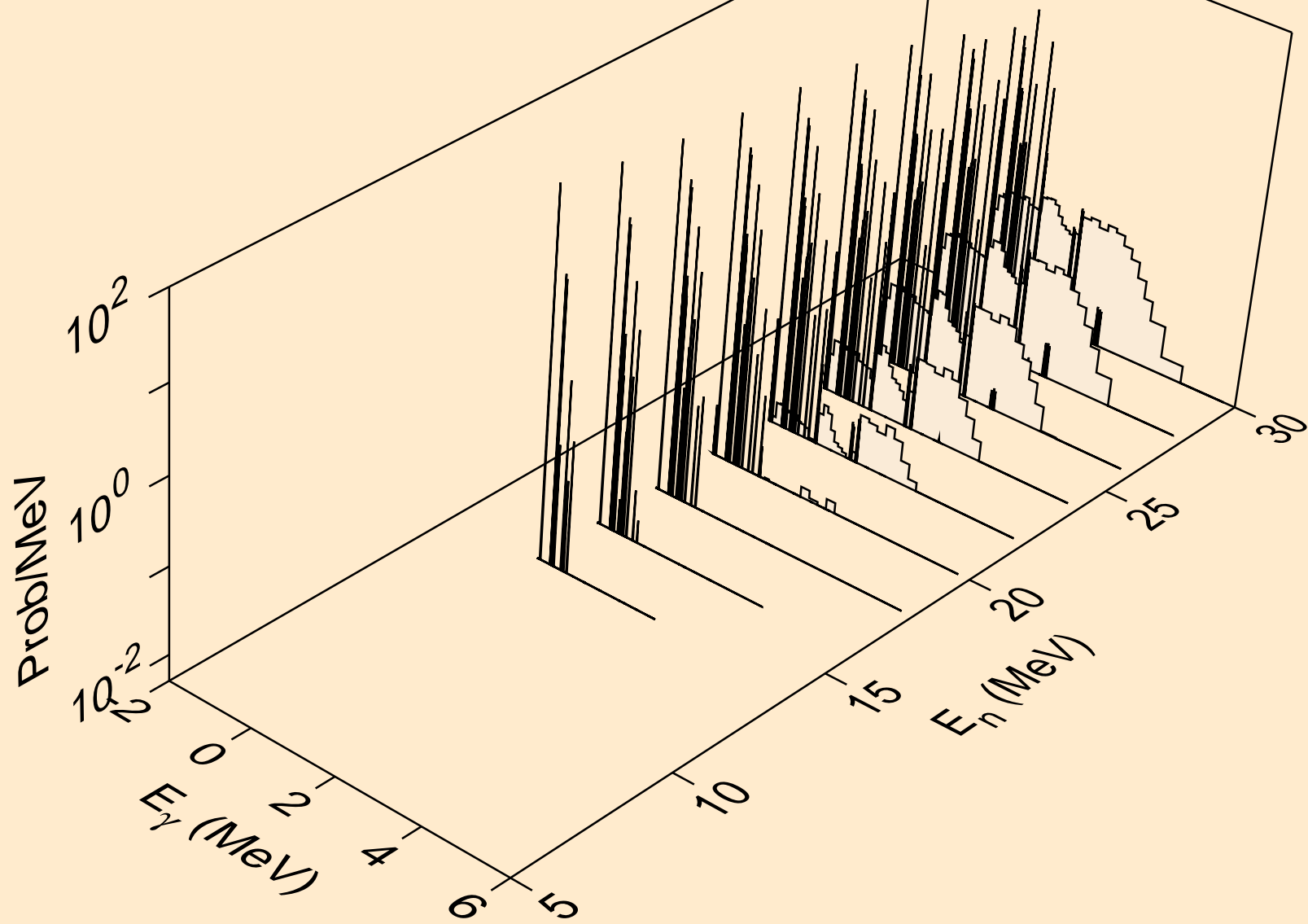
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



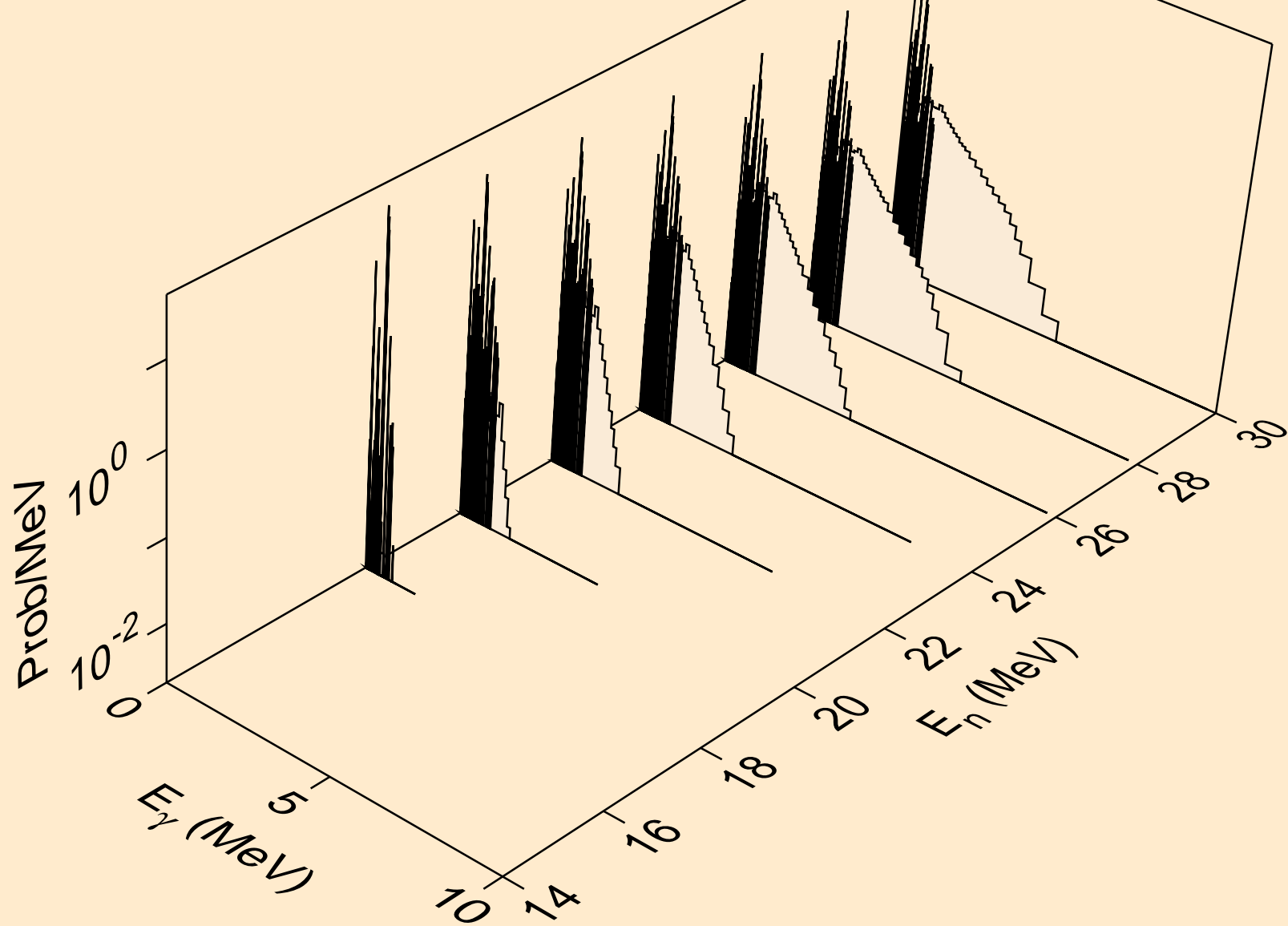
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



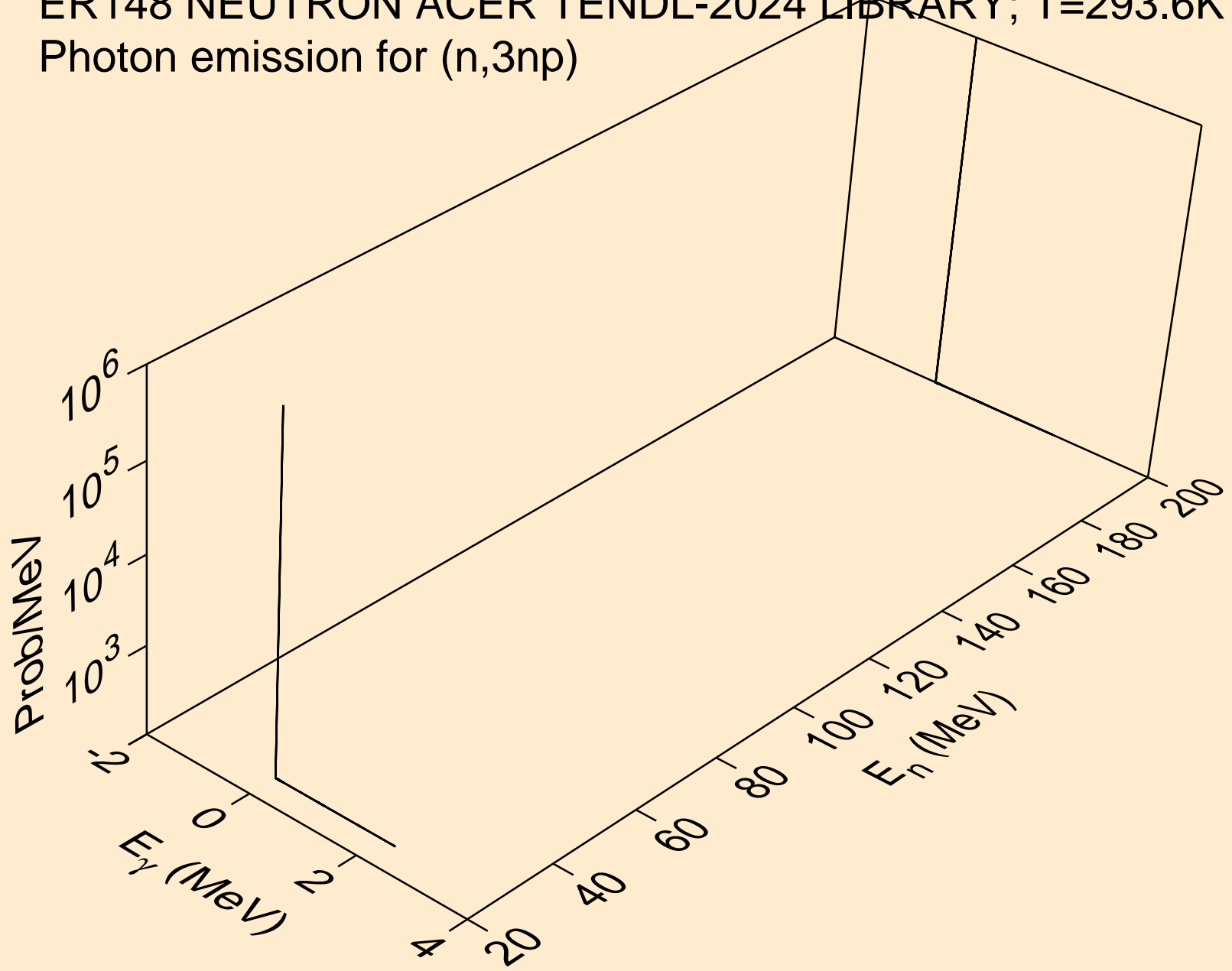
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



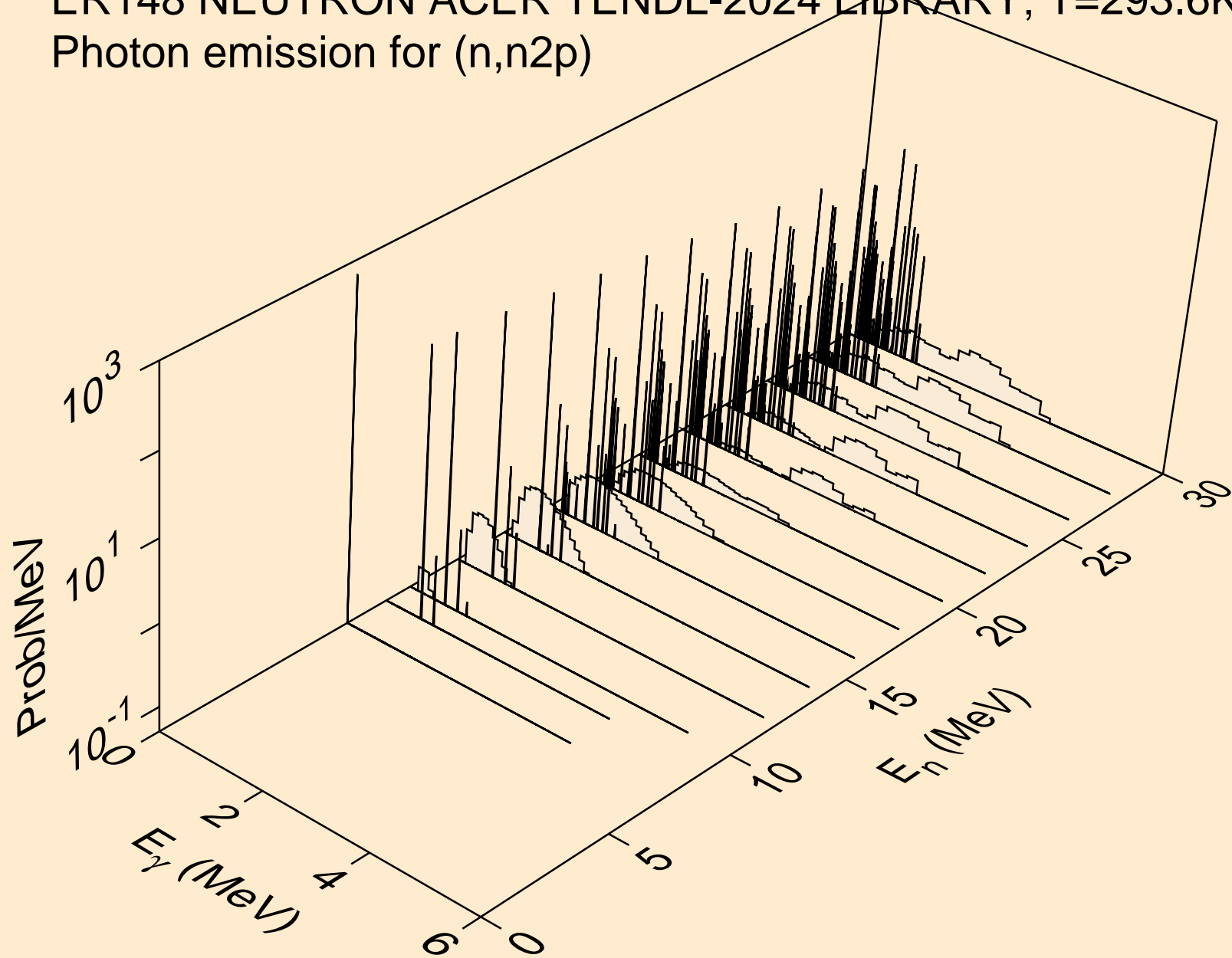
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Photon emission for (n,2np)



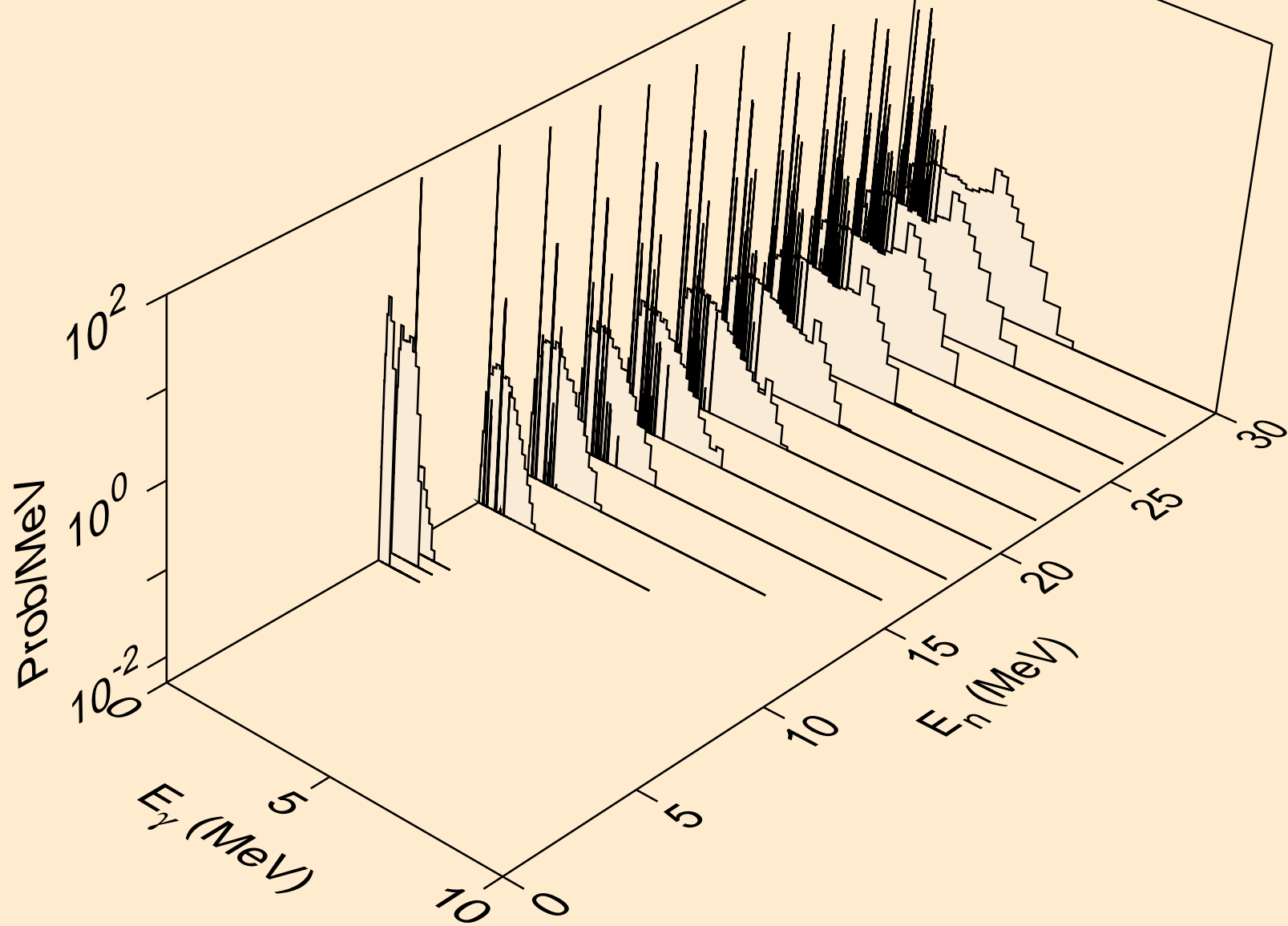
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3np)



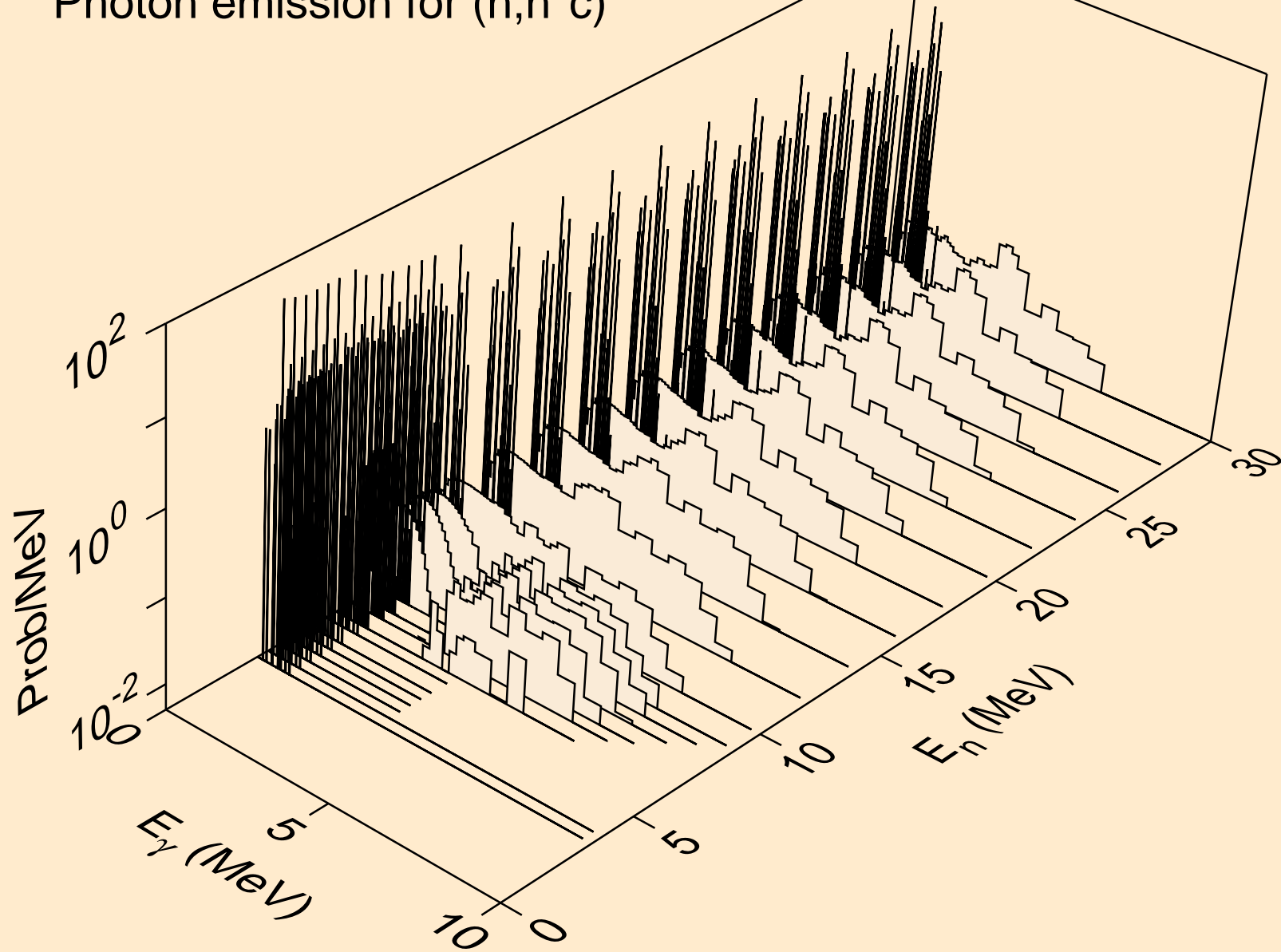
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n2p)



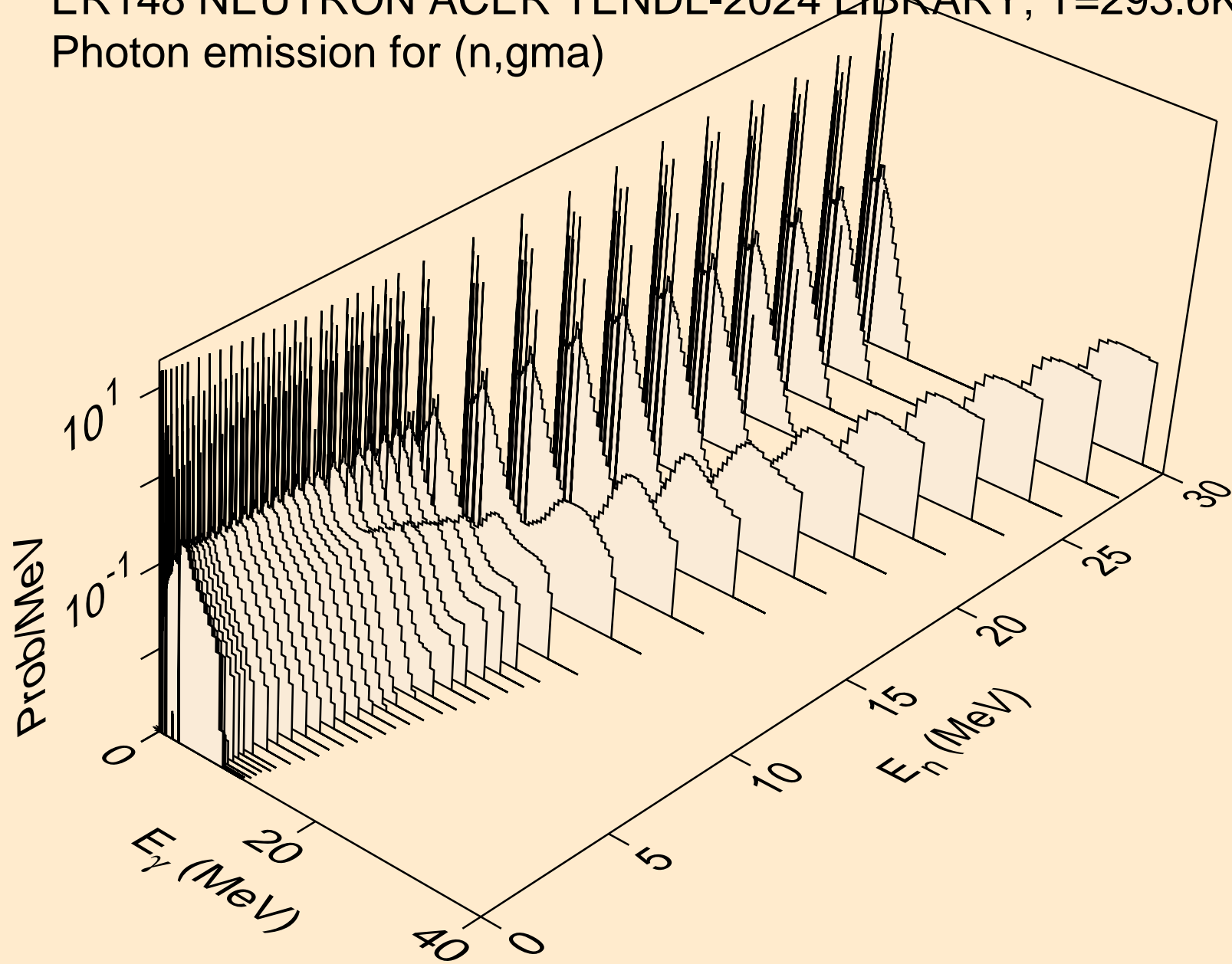
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,npa)



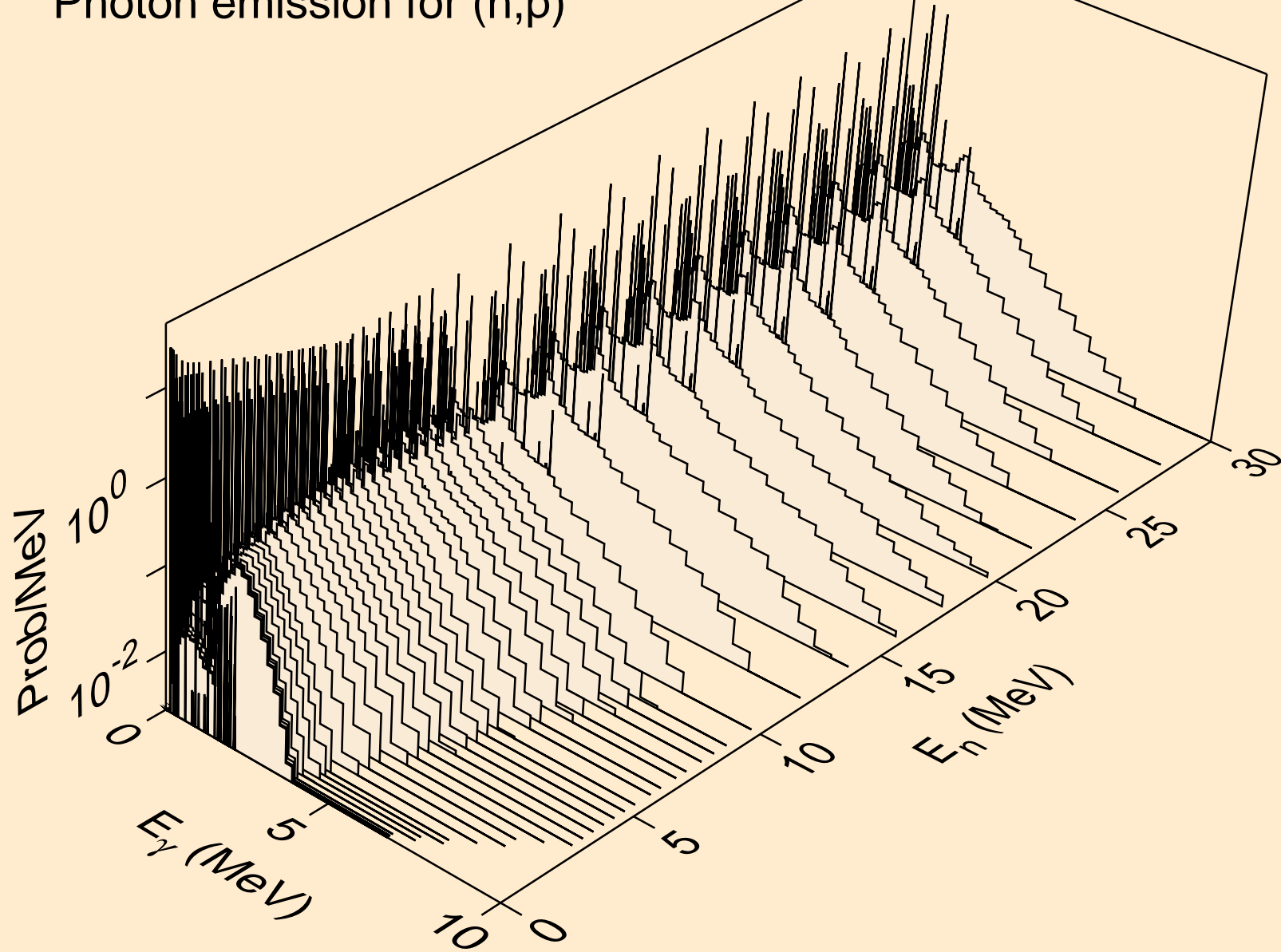
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



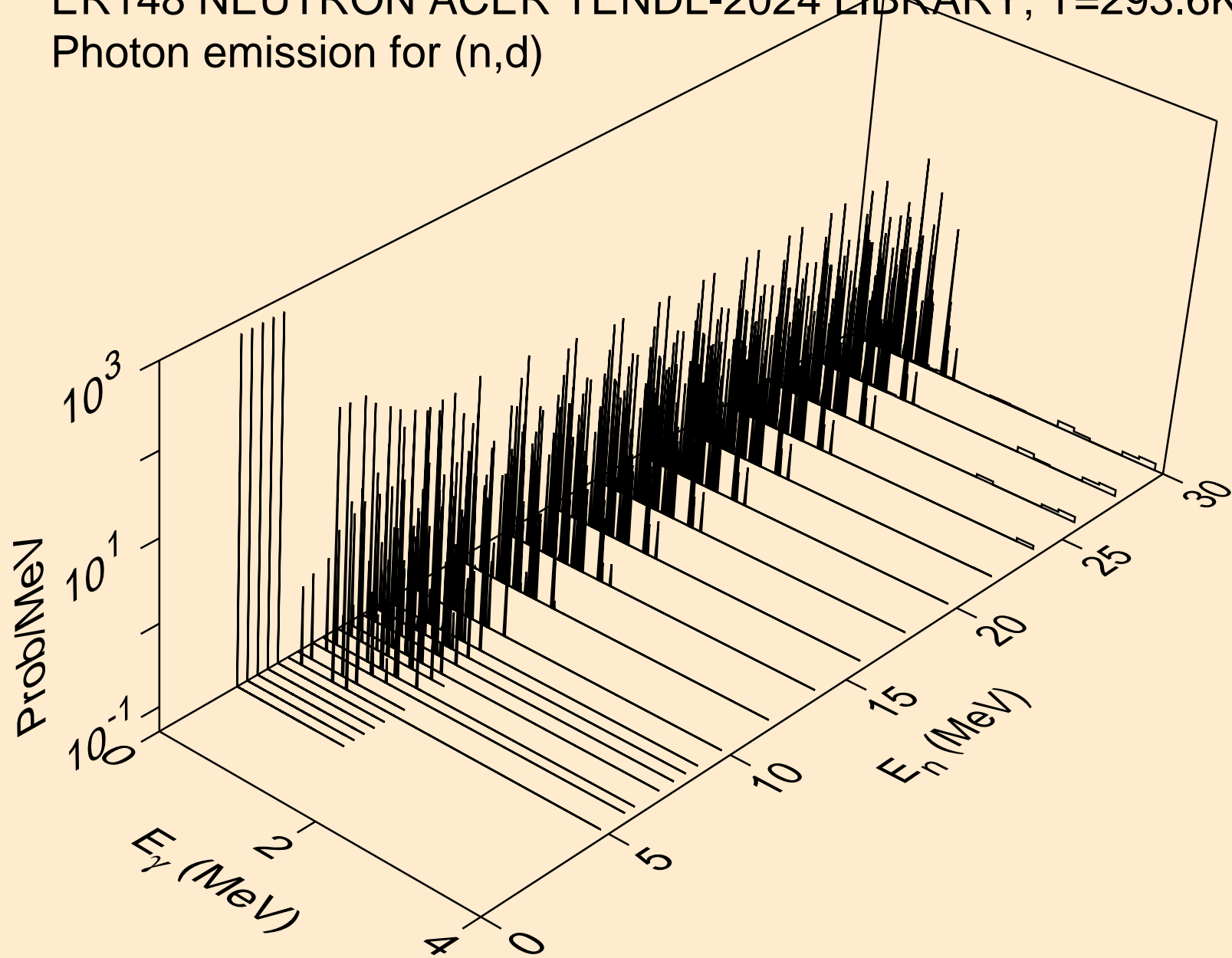
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,gma)



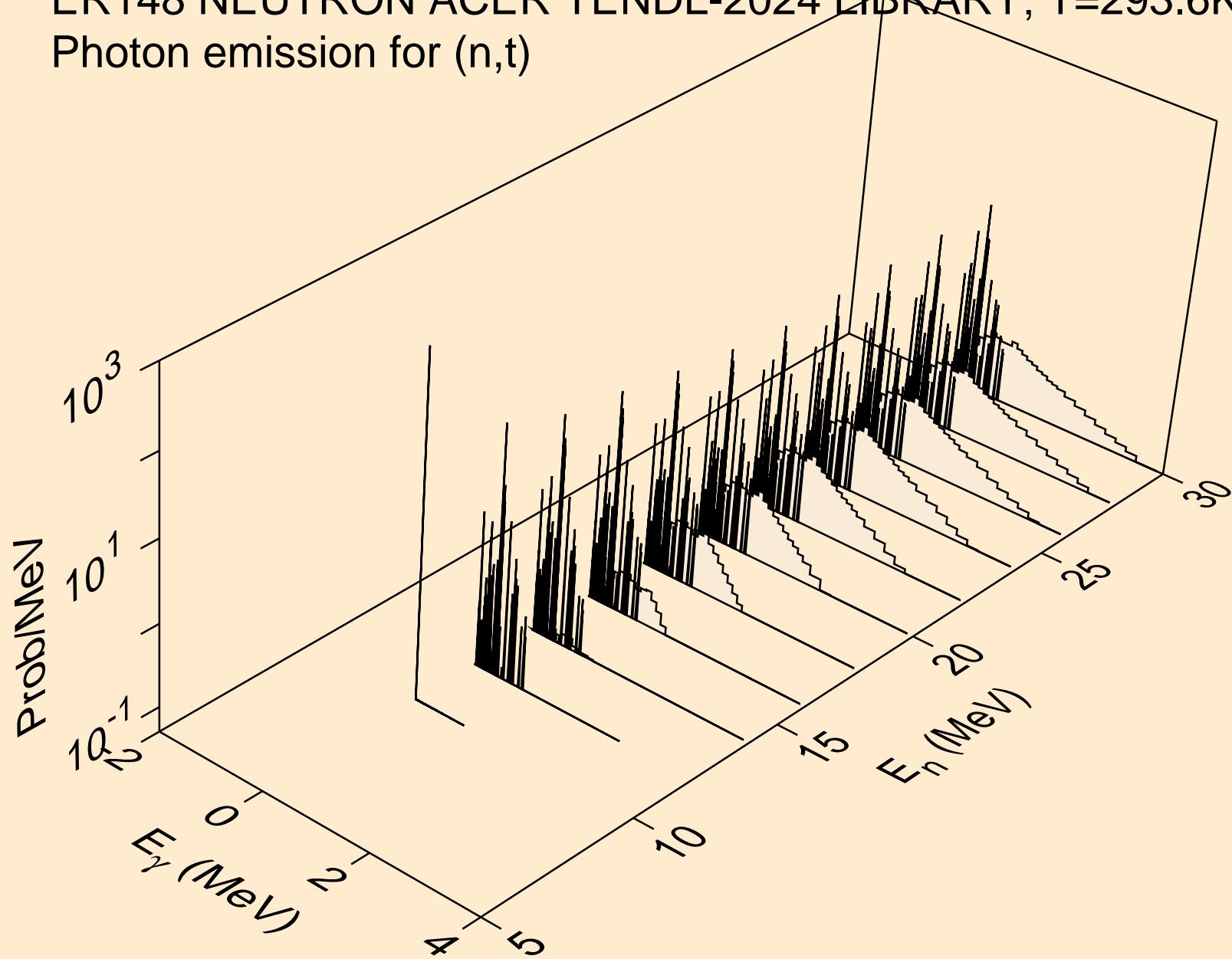
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



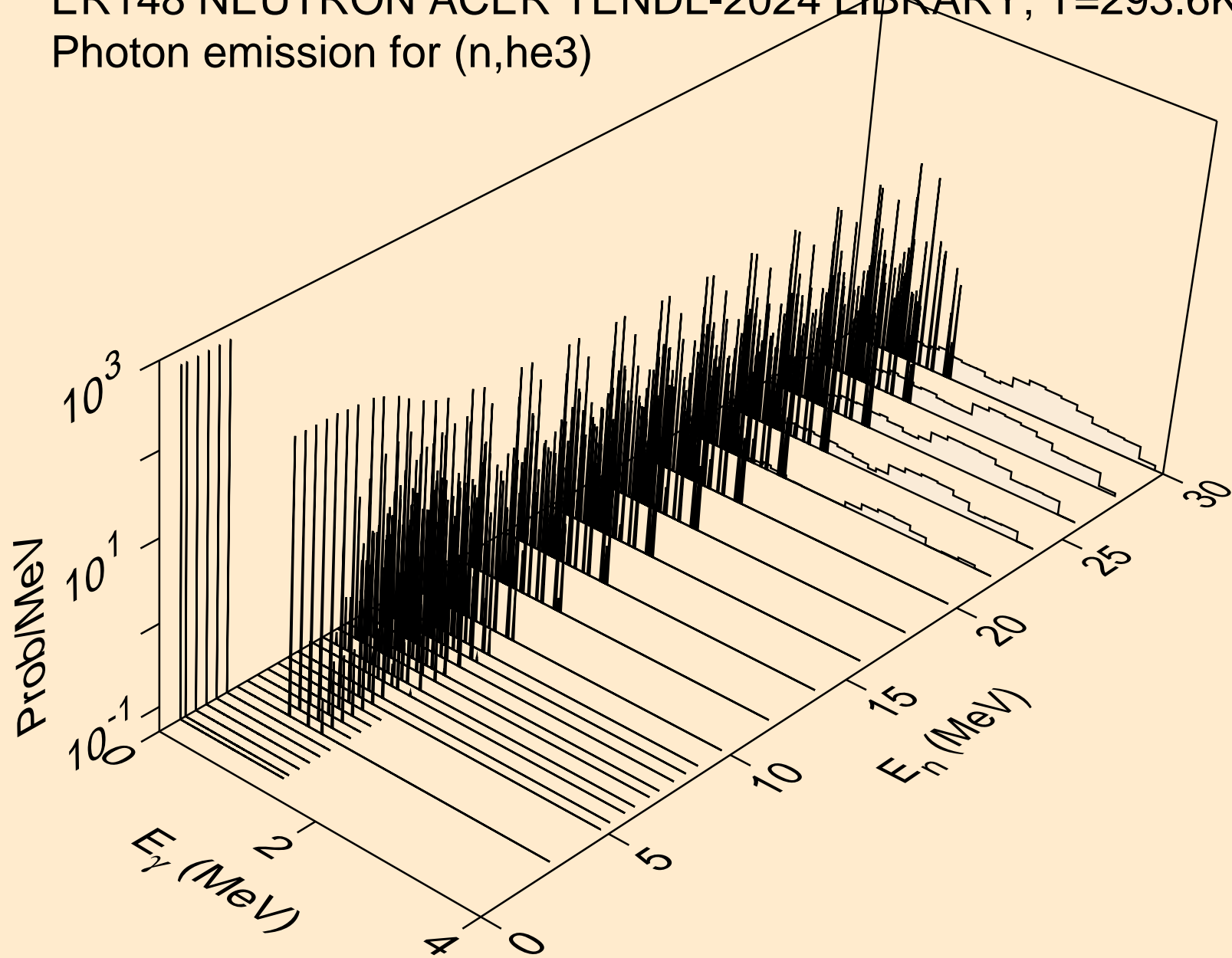
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d)



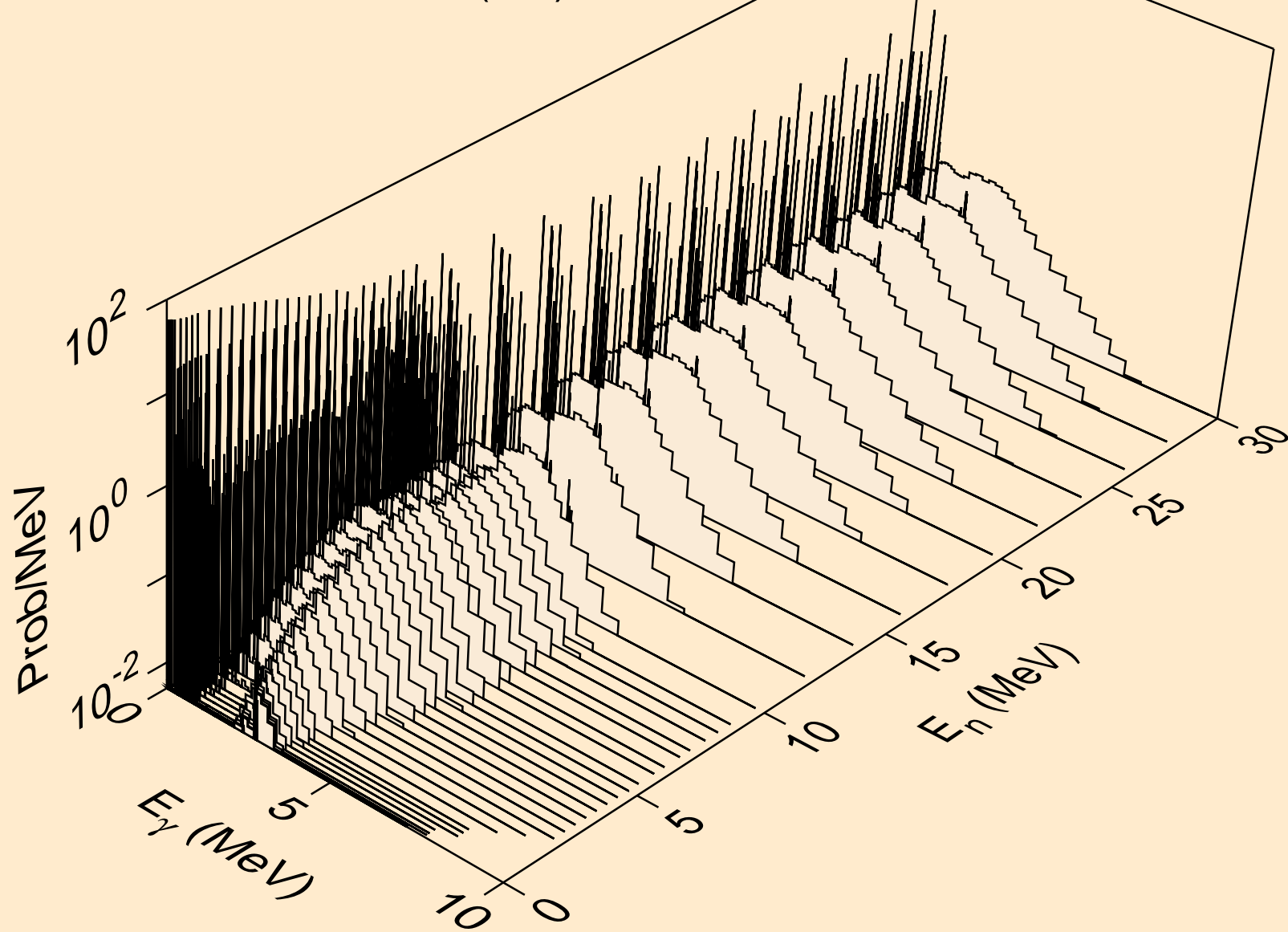
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



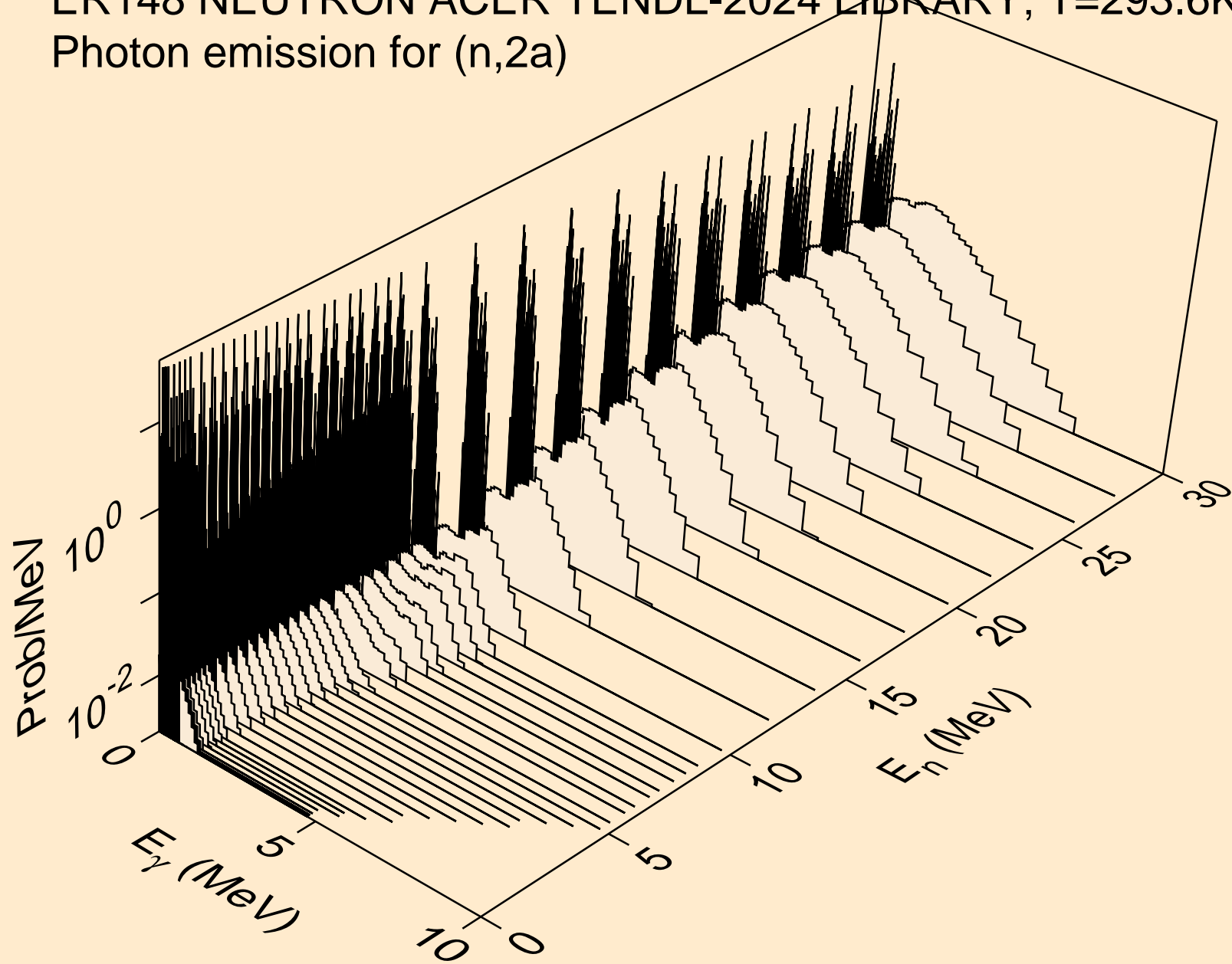
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



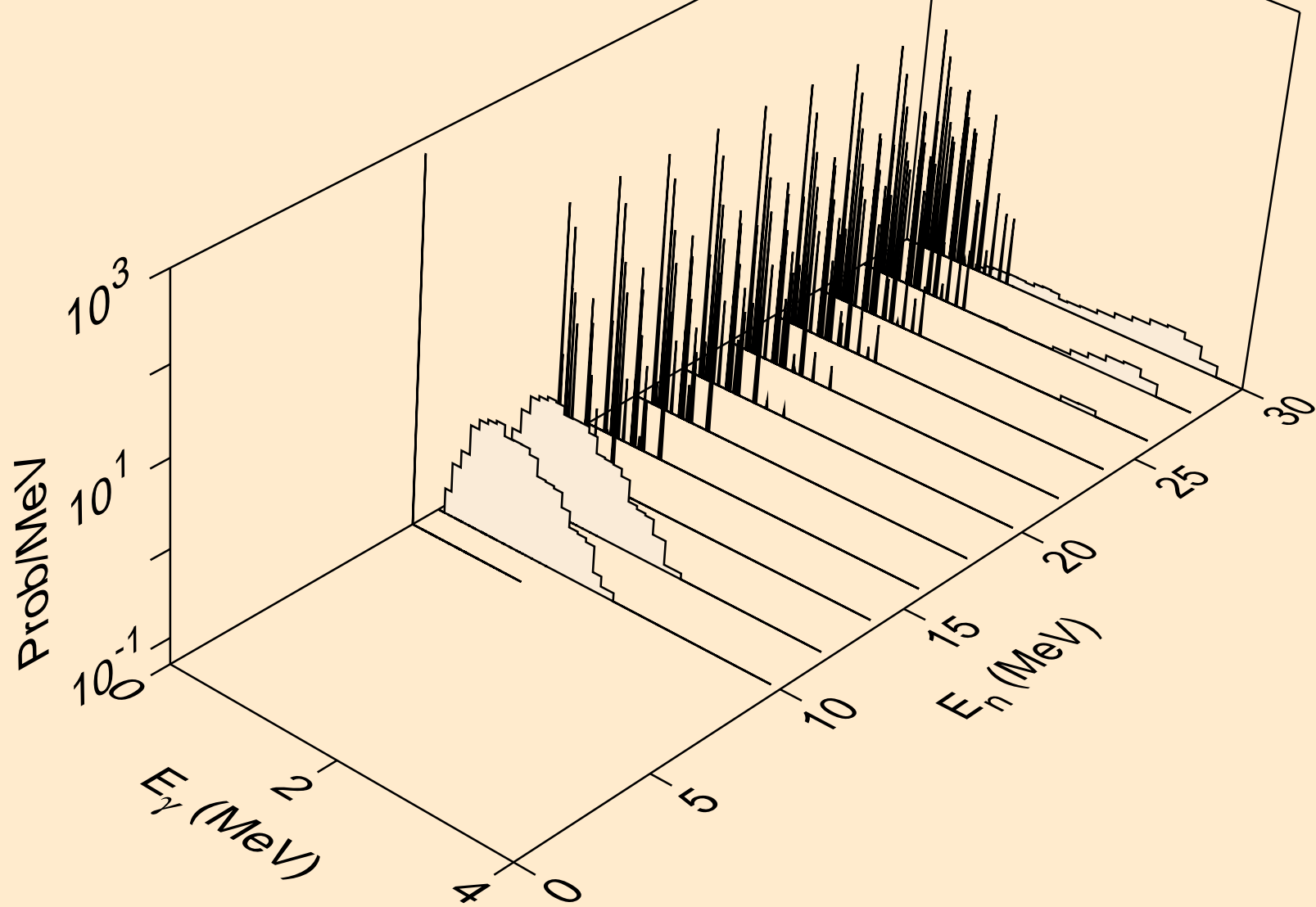
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)



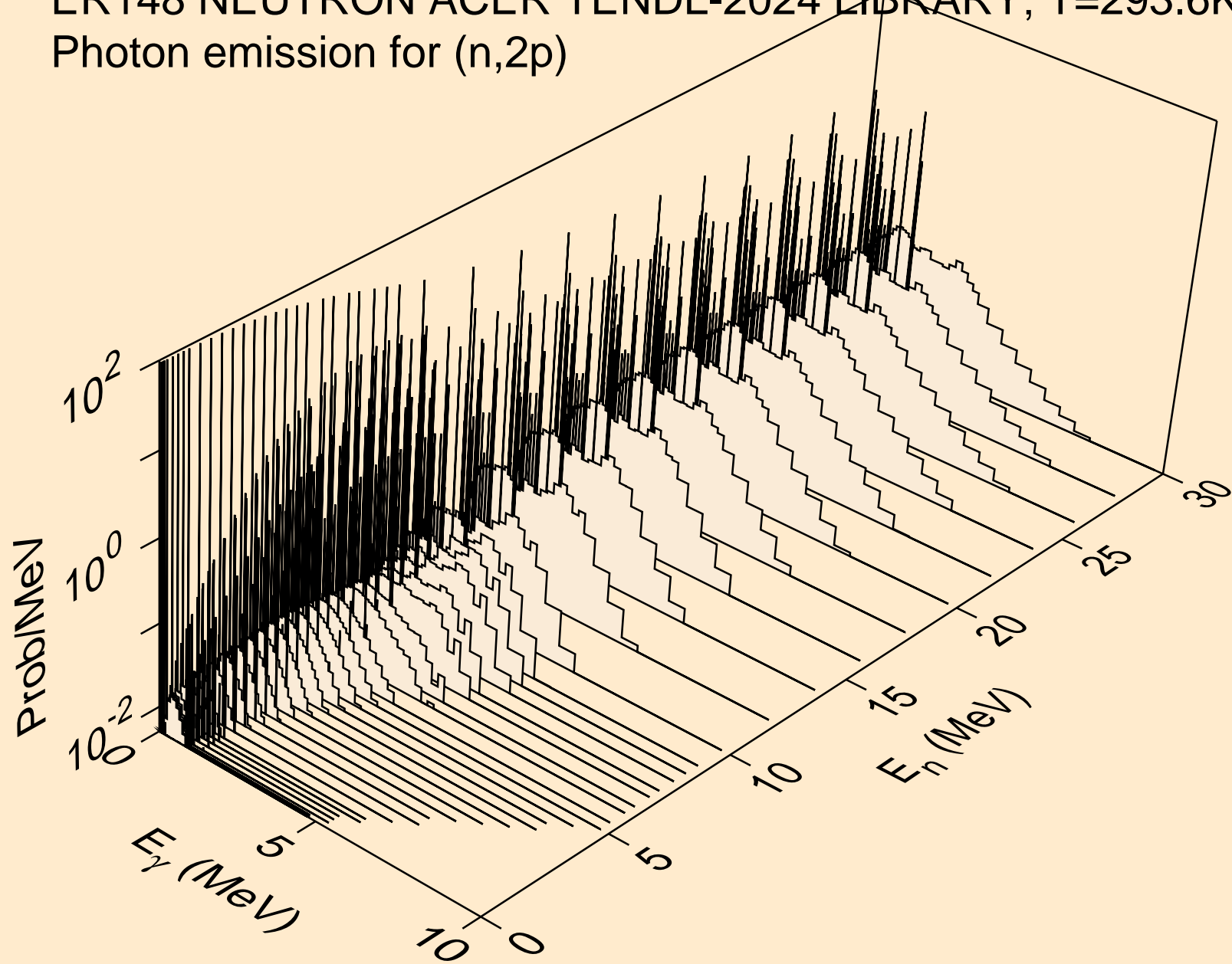
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2a)



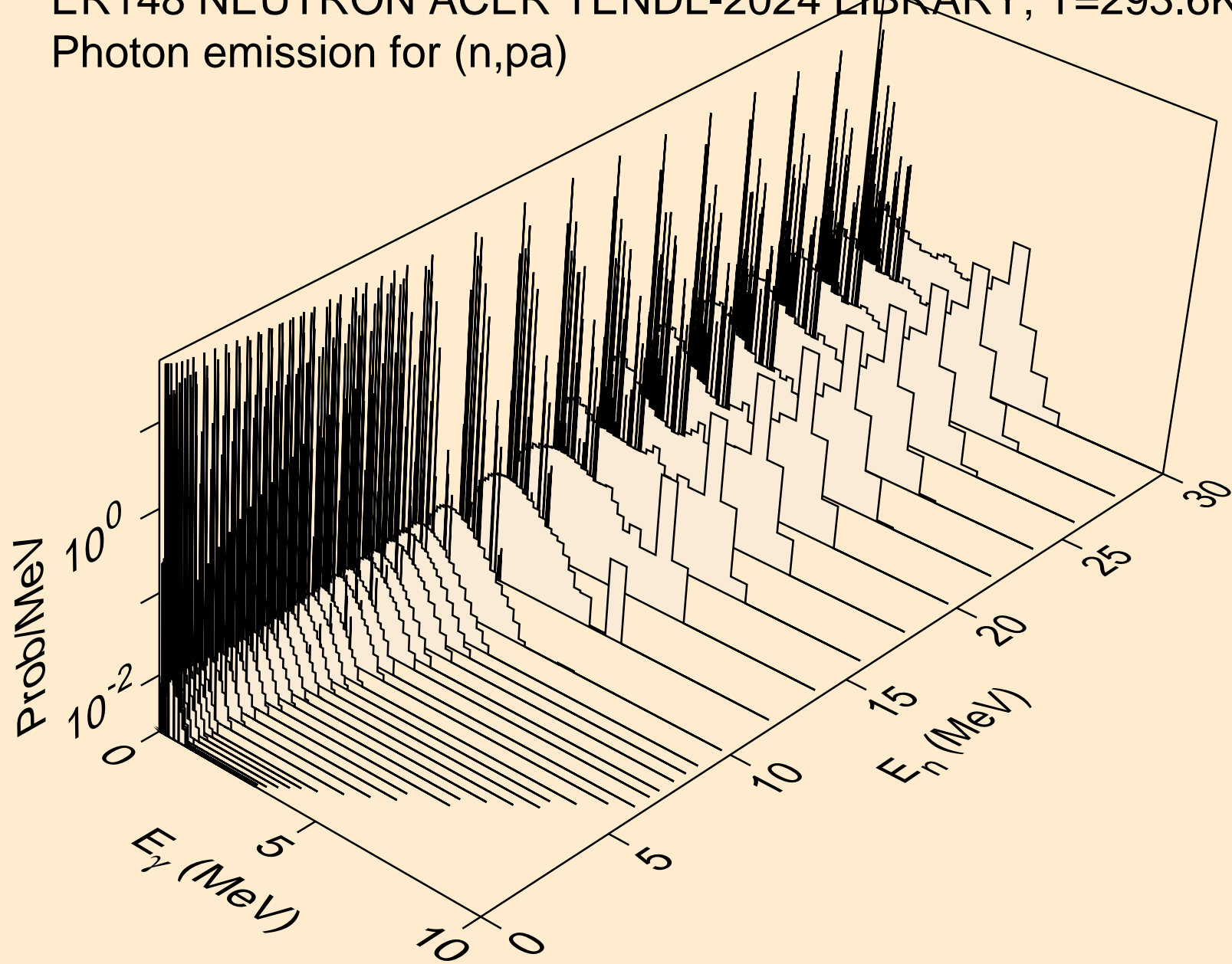
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3a)



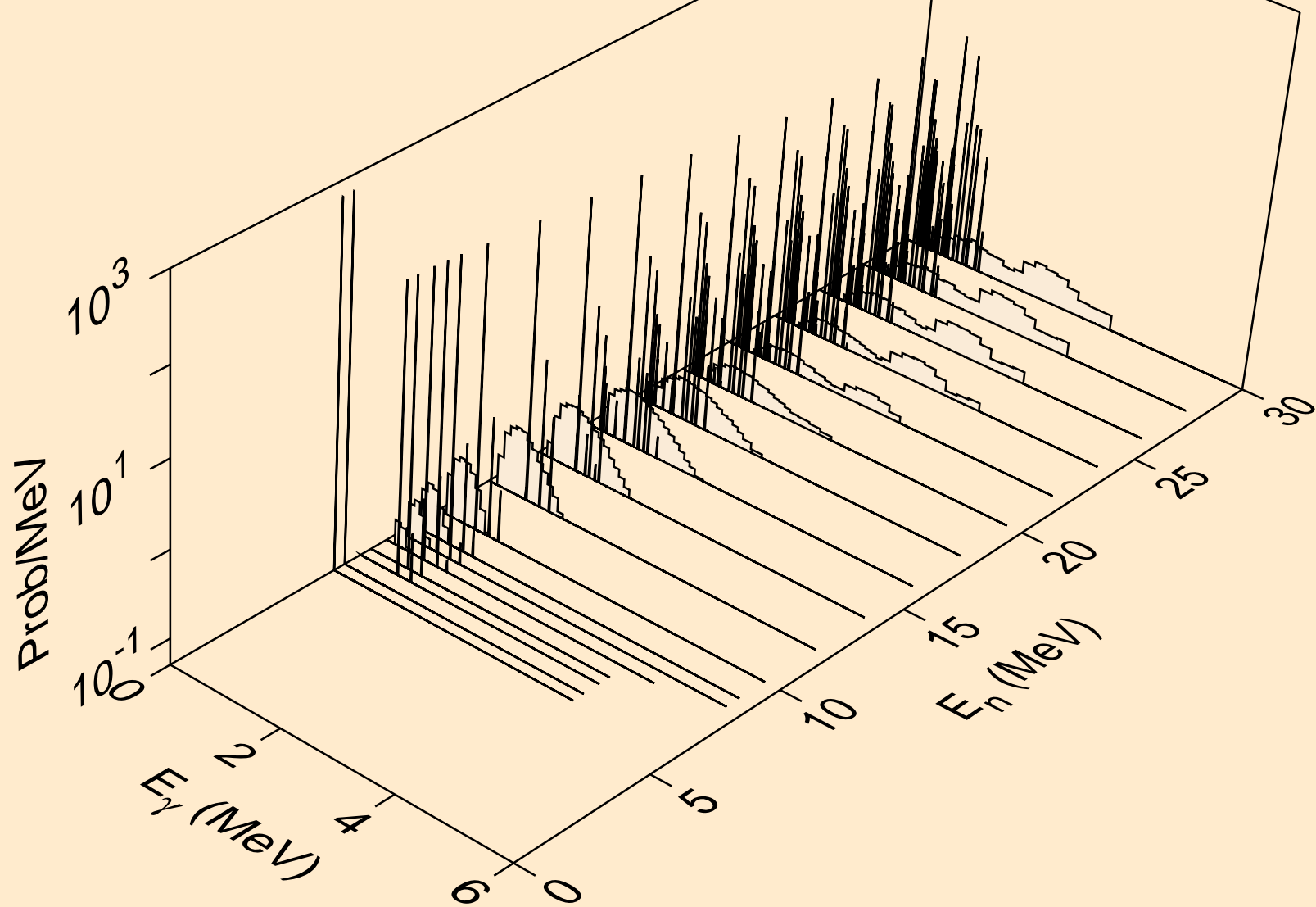
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2p)



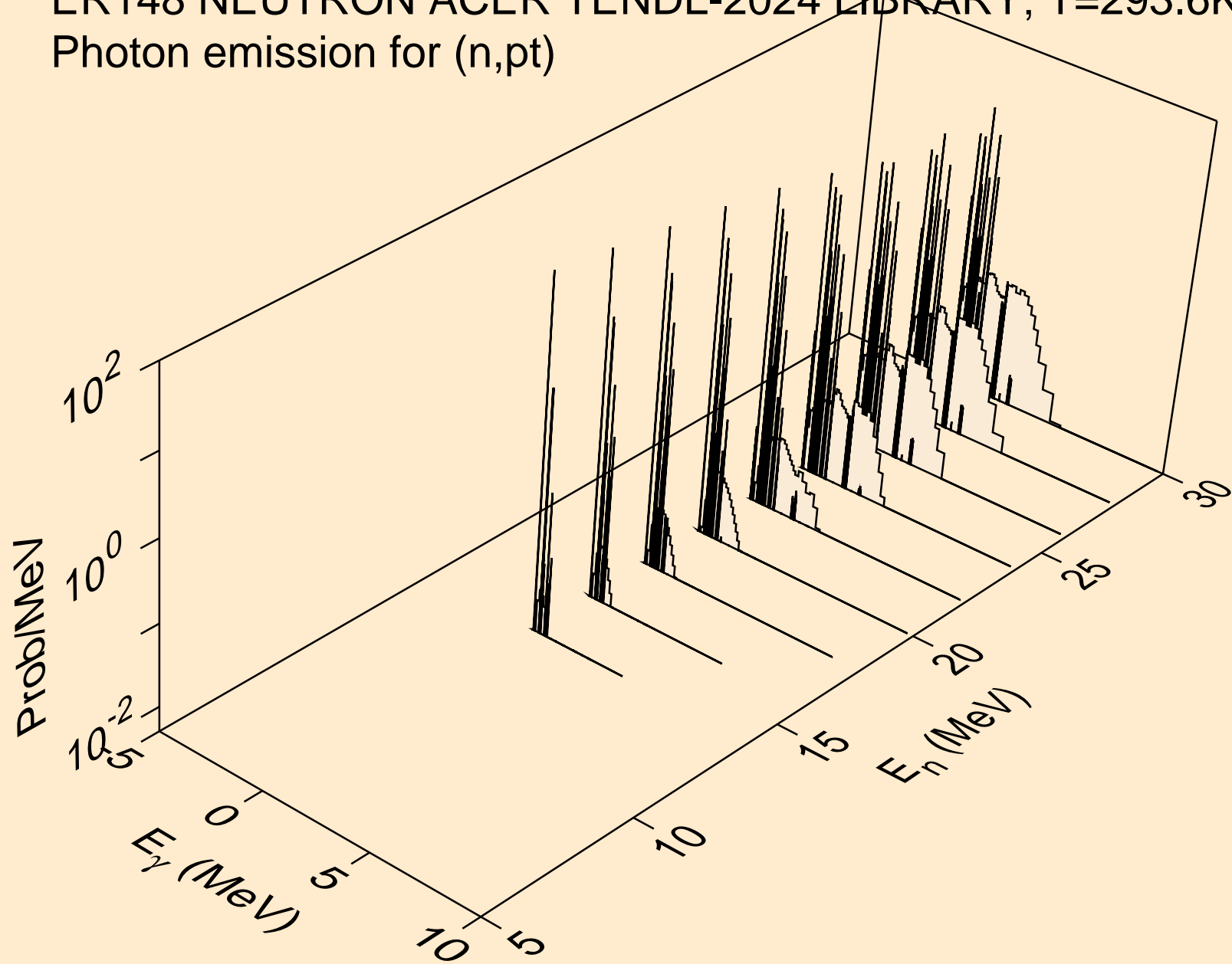
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



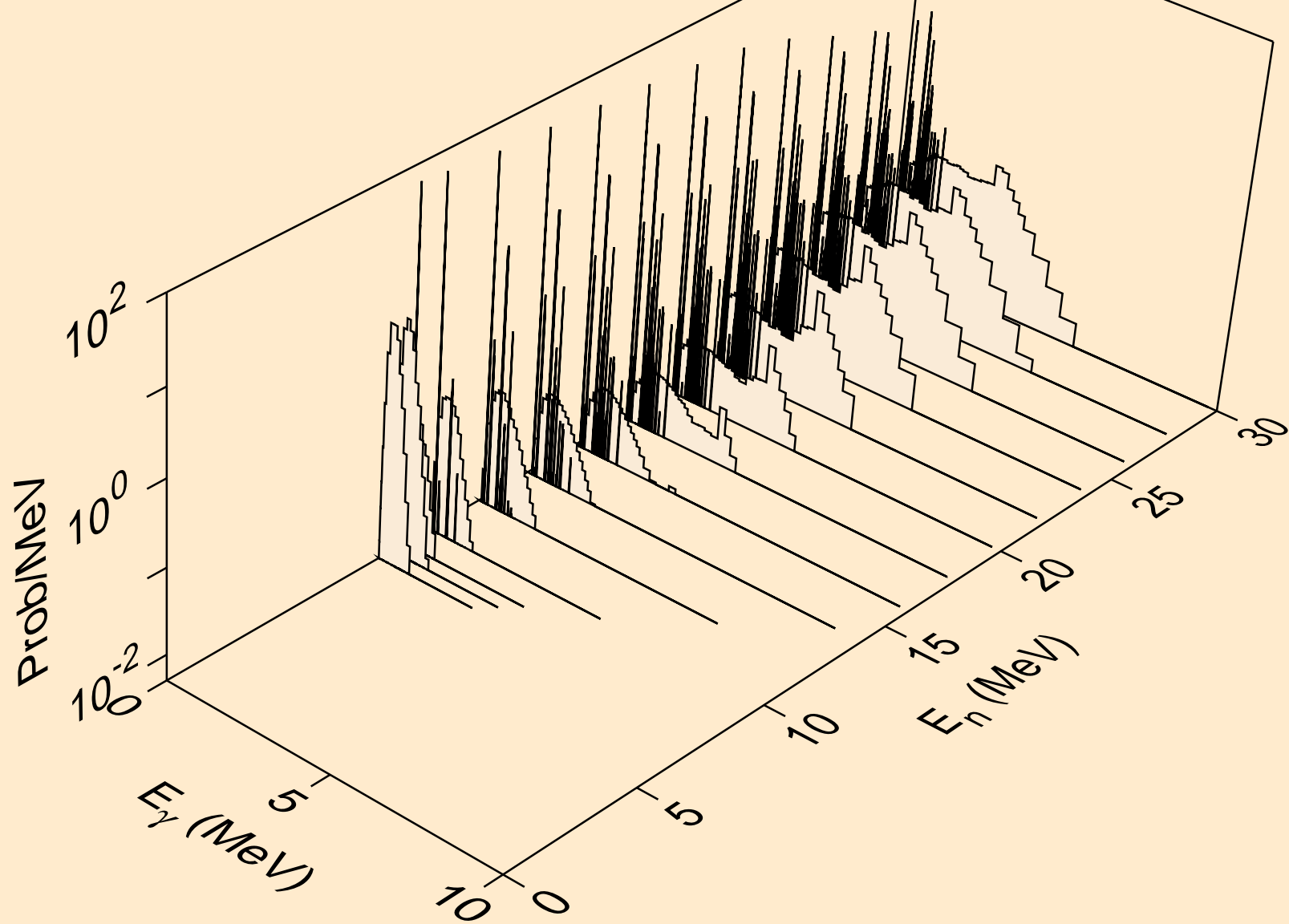
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pd)



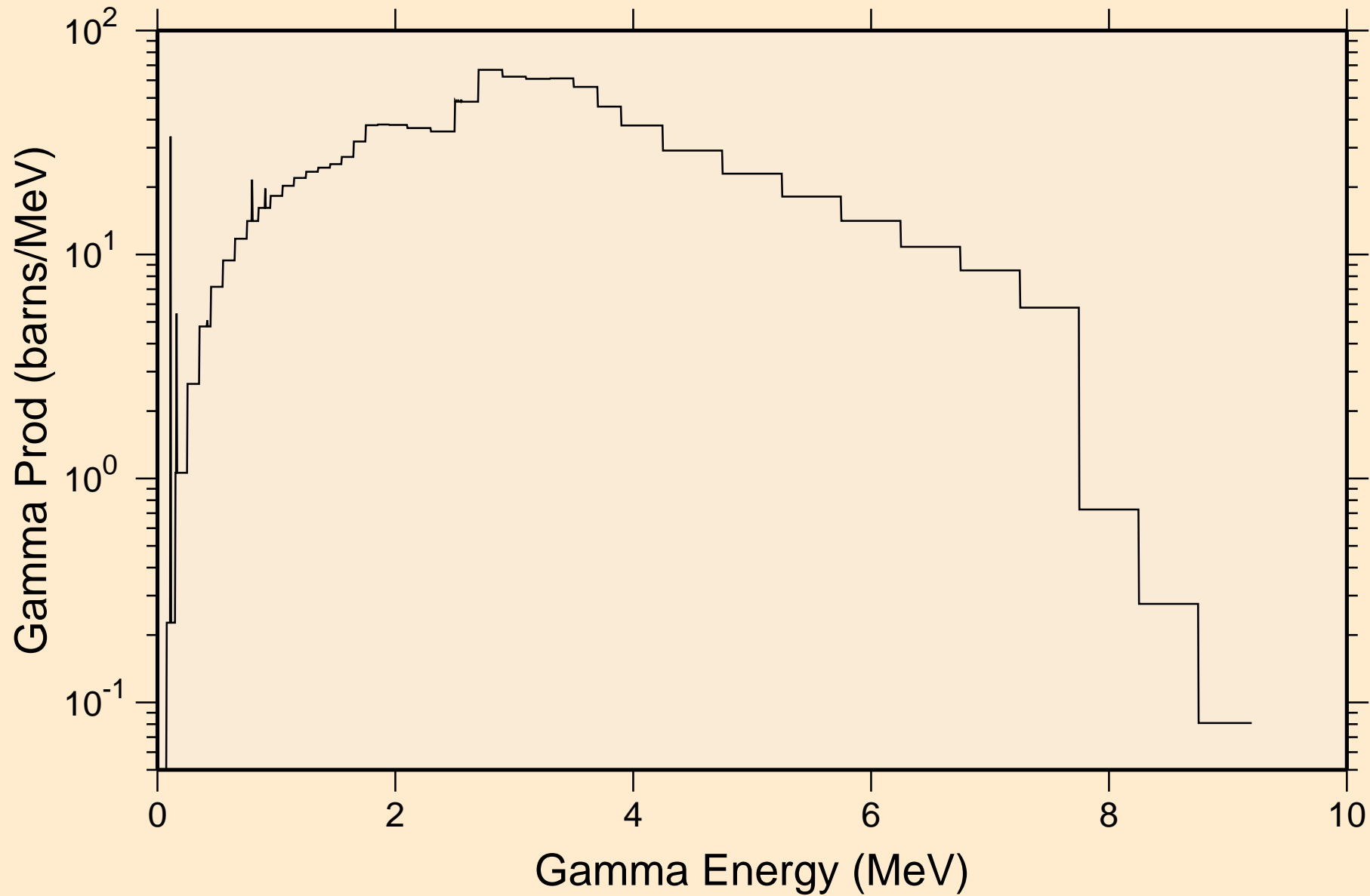
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pt)



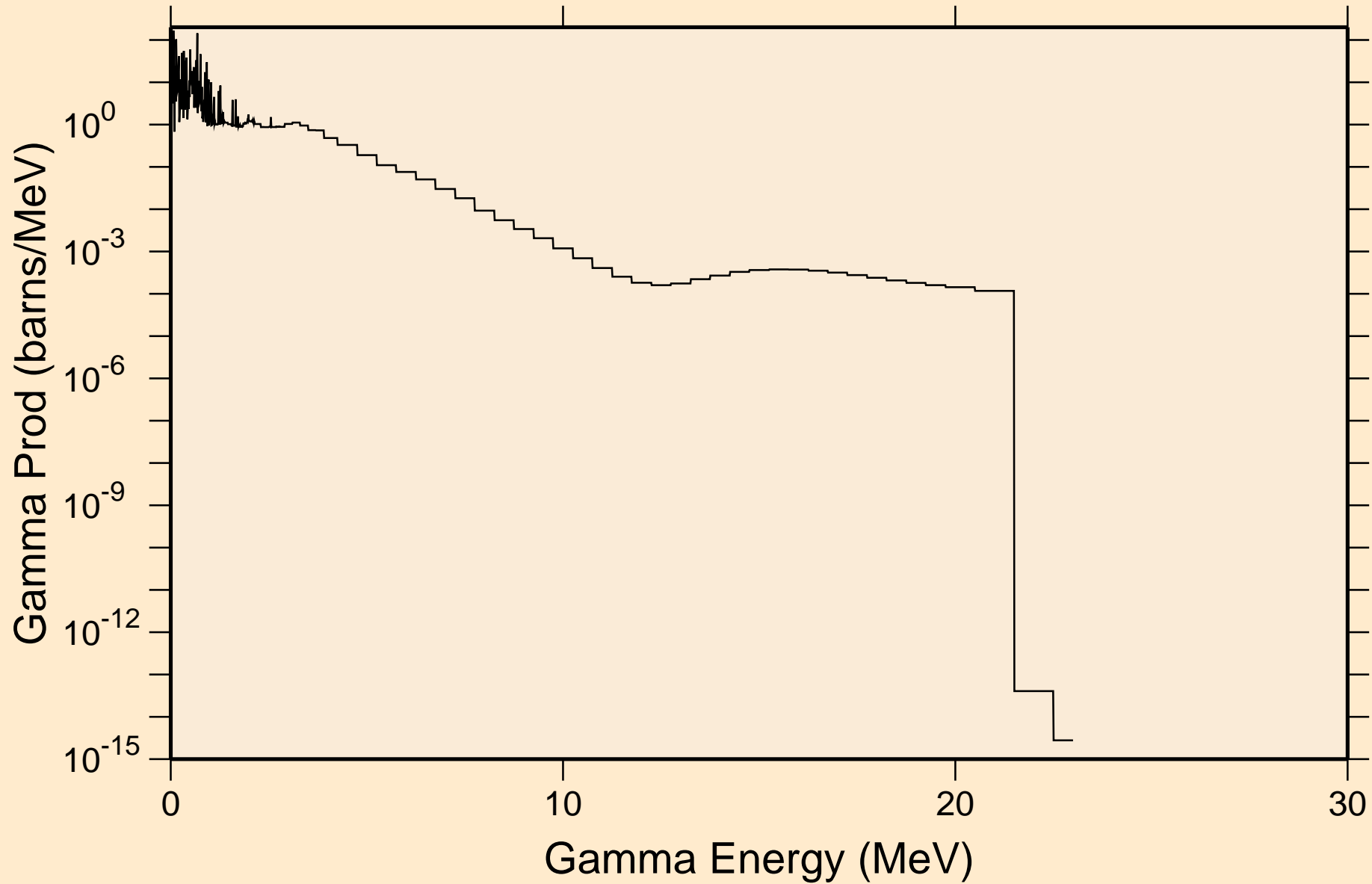
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,da)



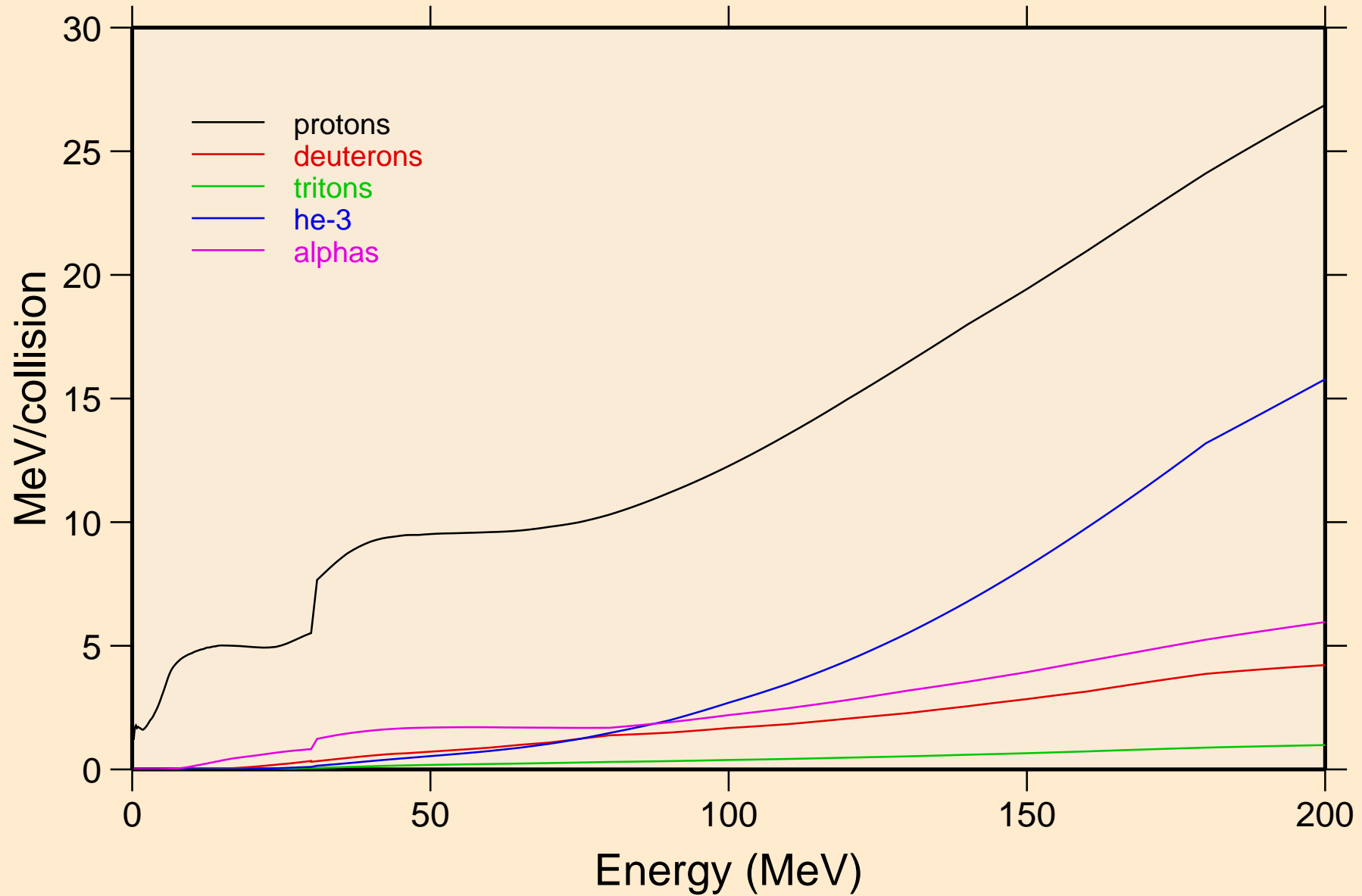
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum



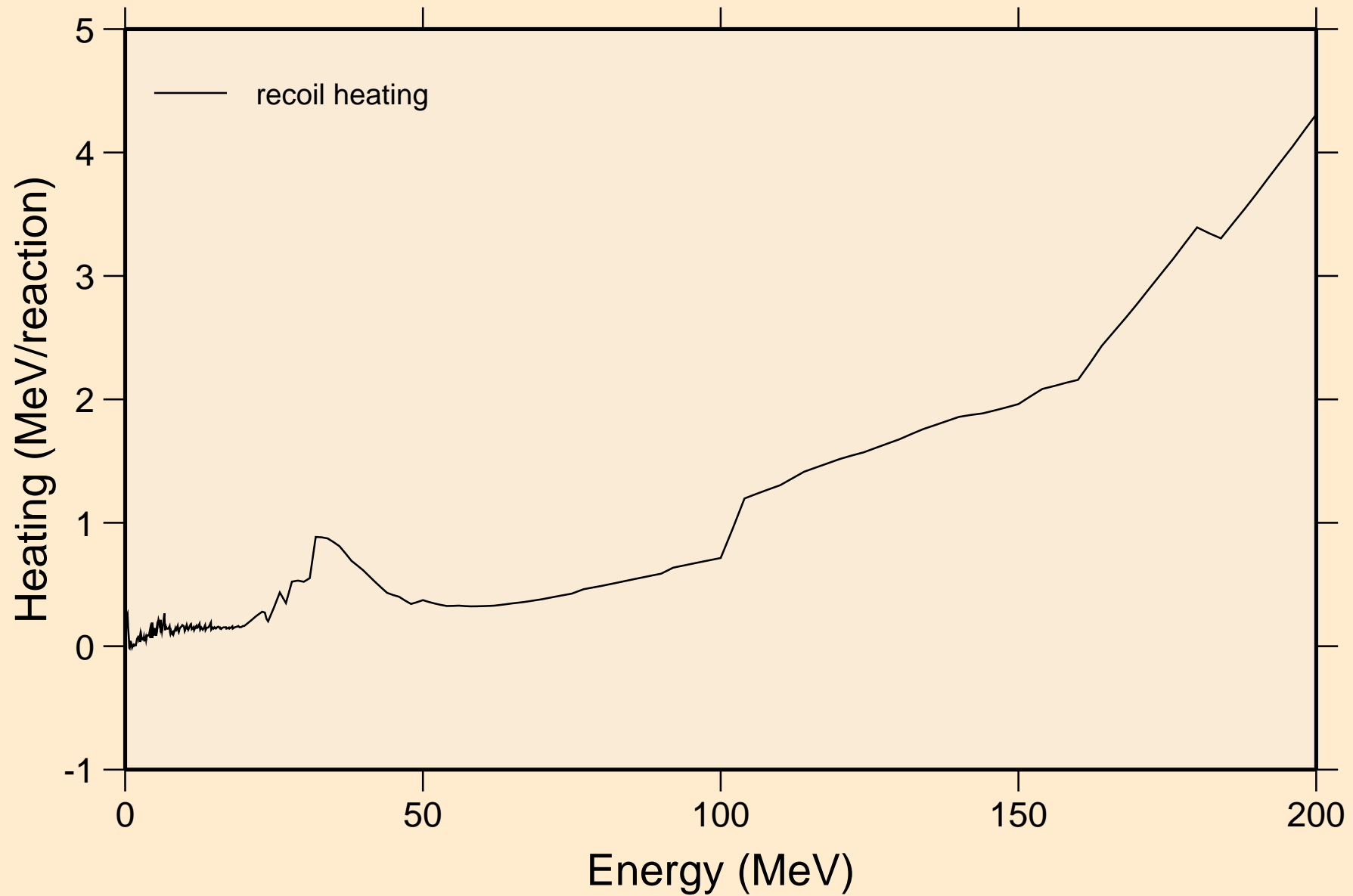
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum



ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle heating contributions

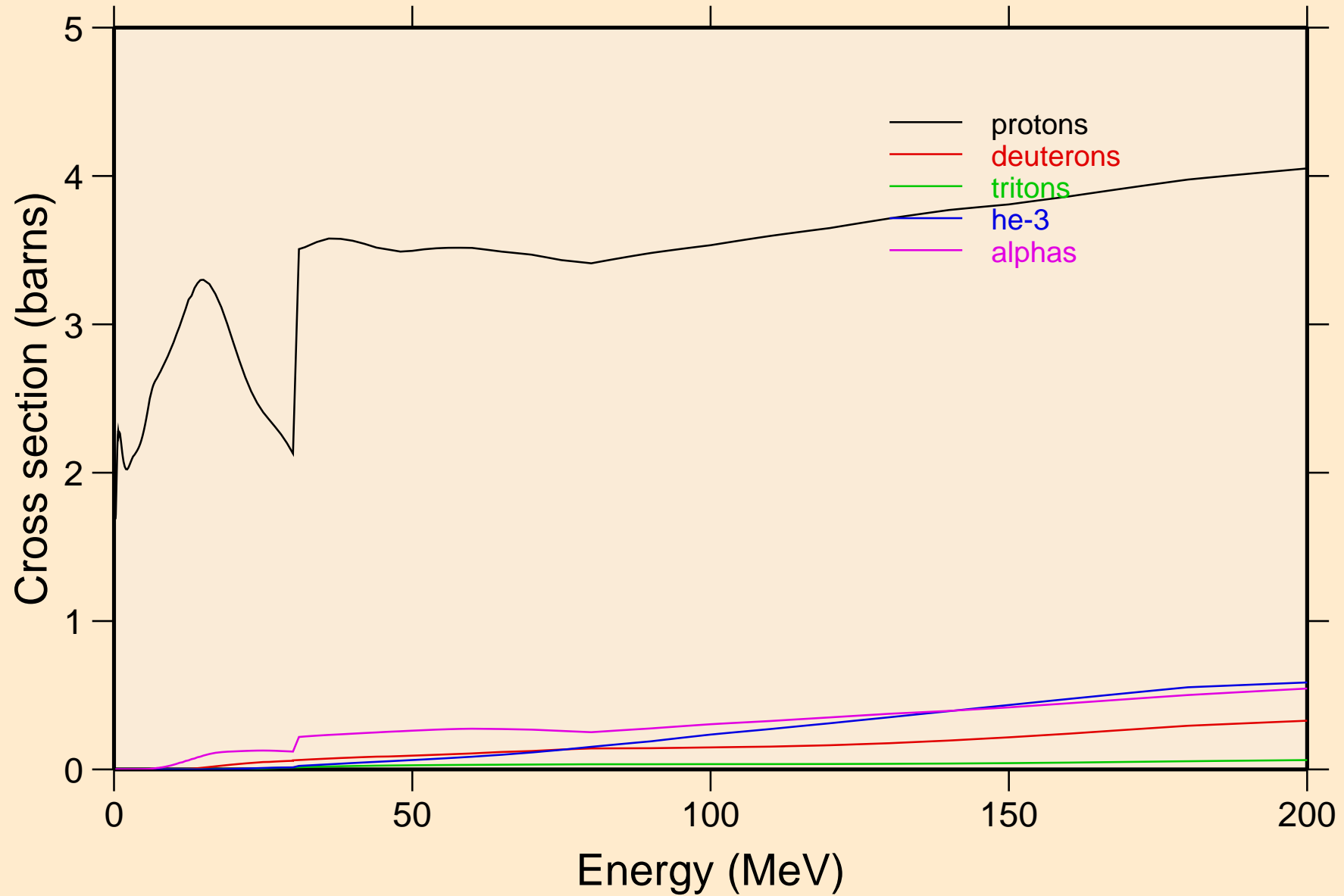


ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Recoil Heating

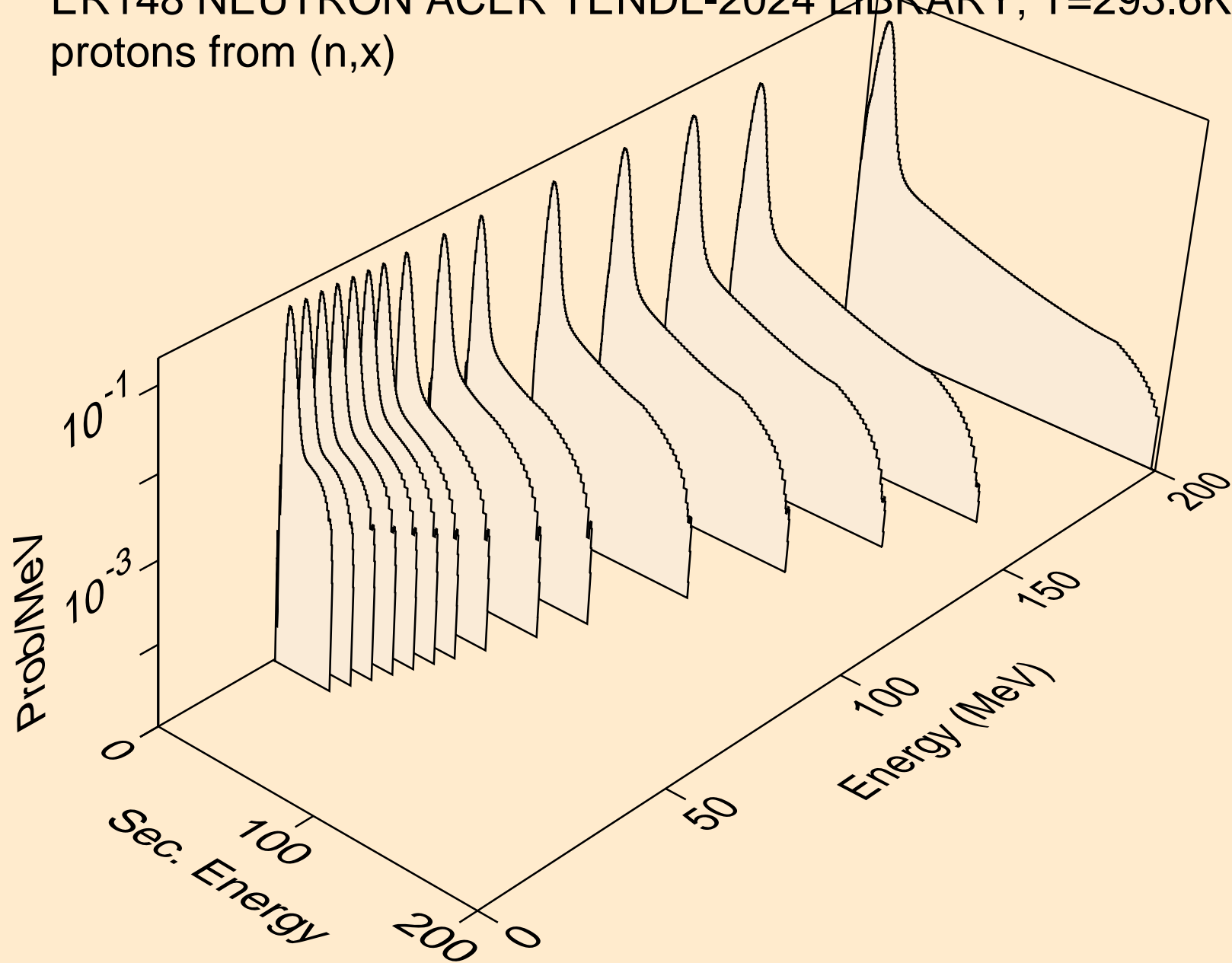


# ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

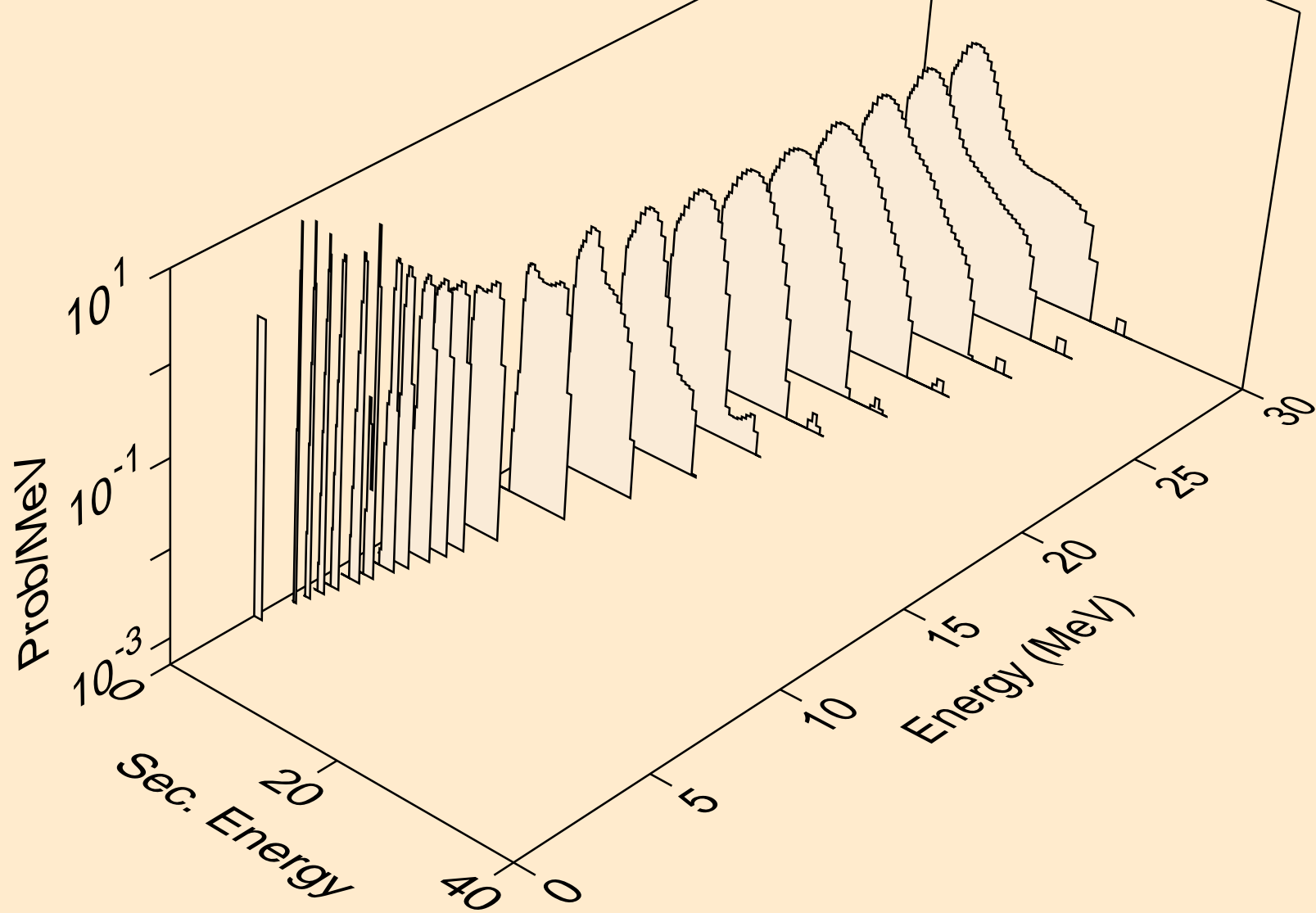
## Particle production cross sections



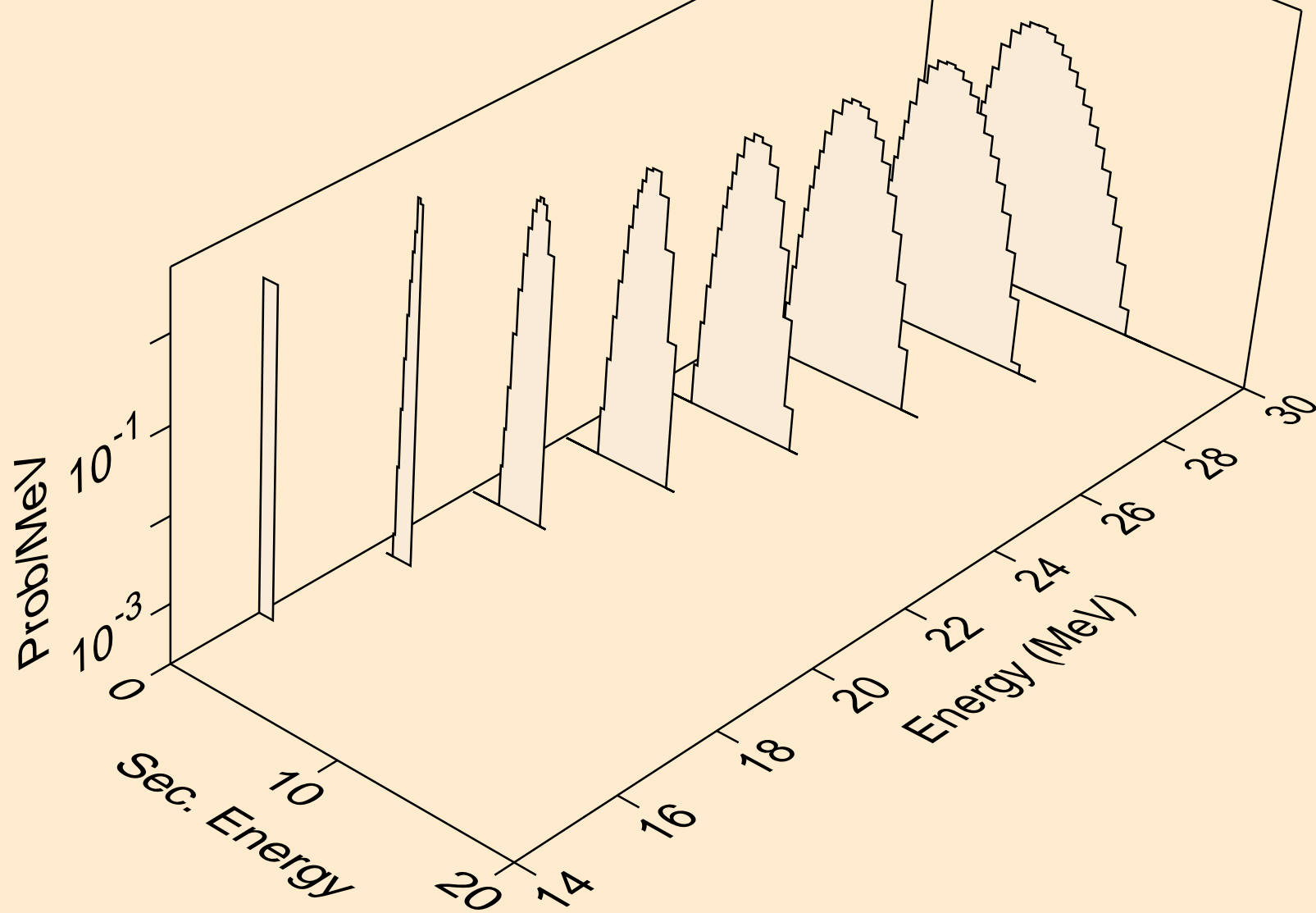
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



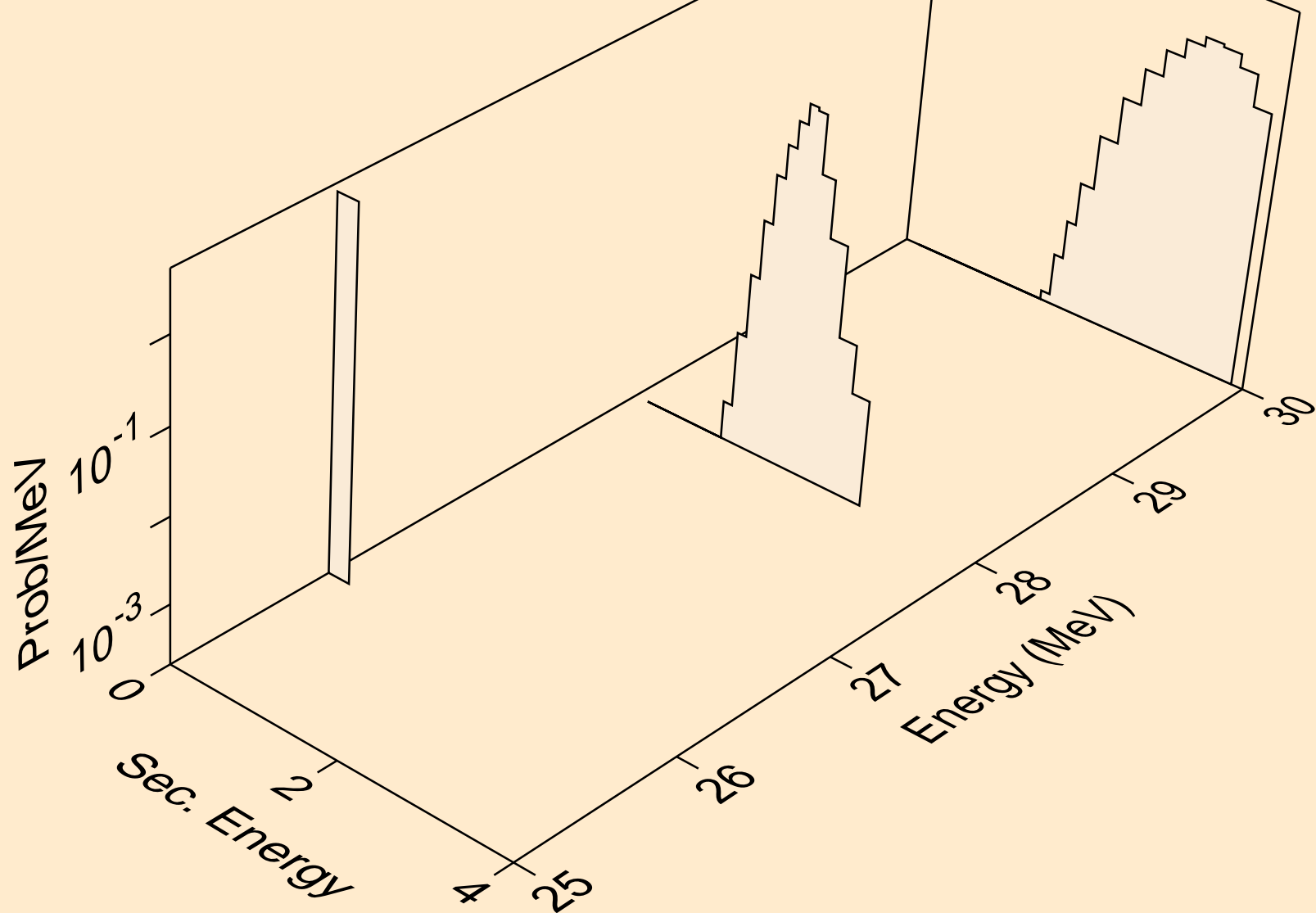
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



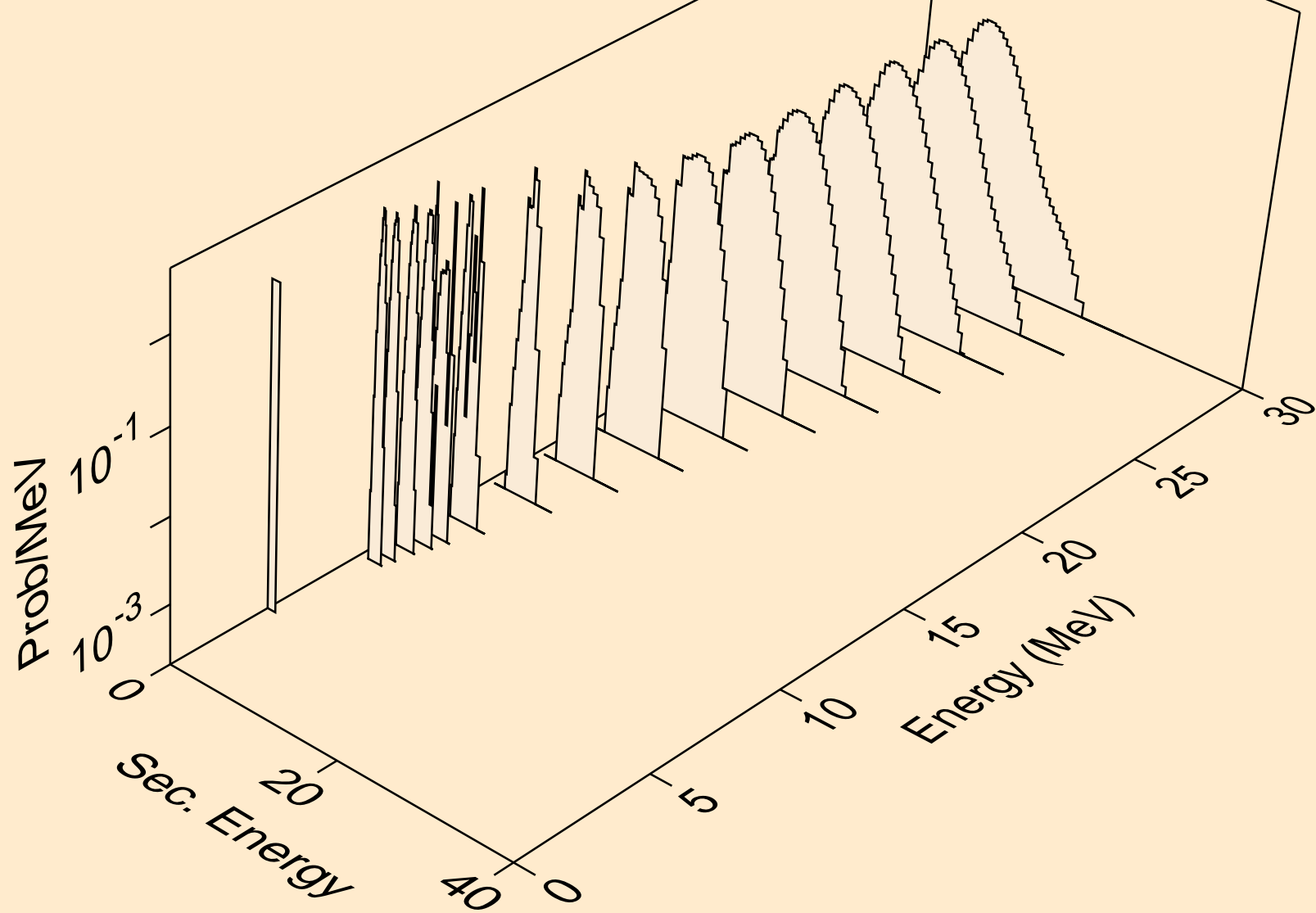
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2np)



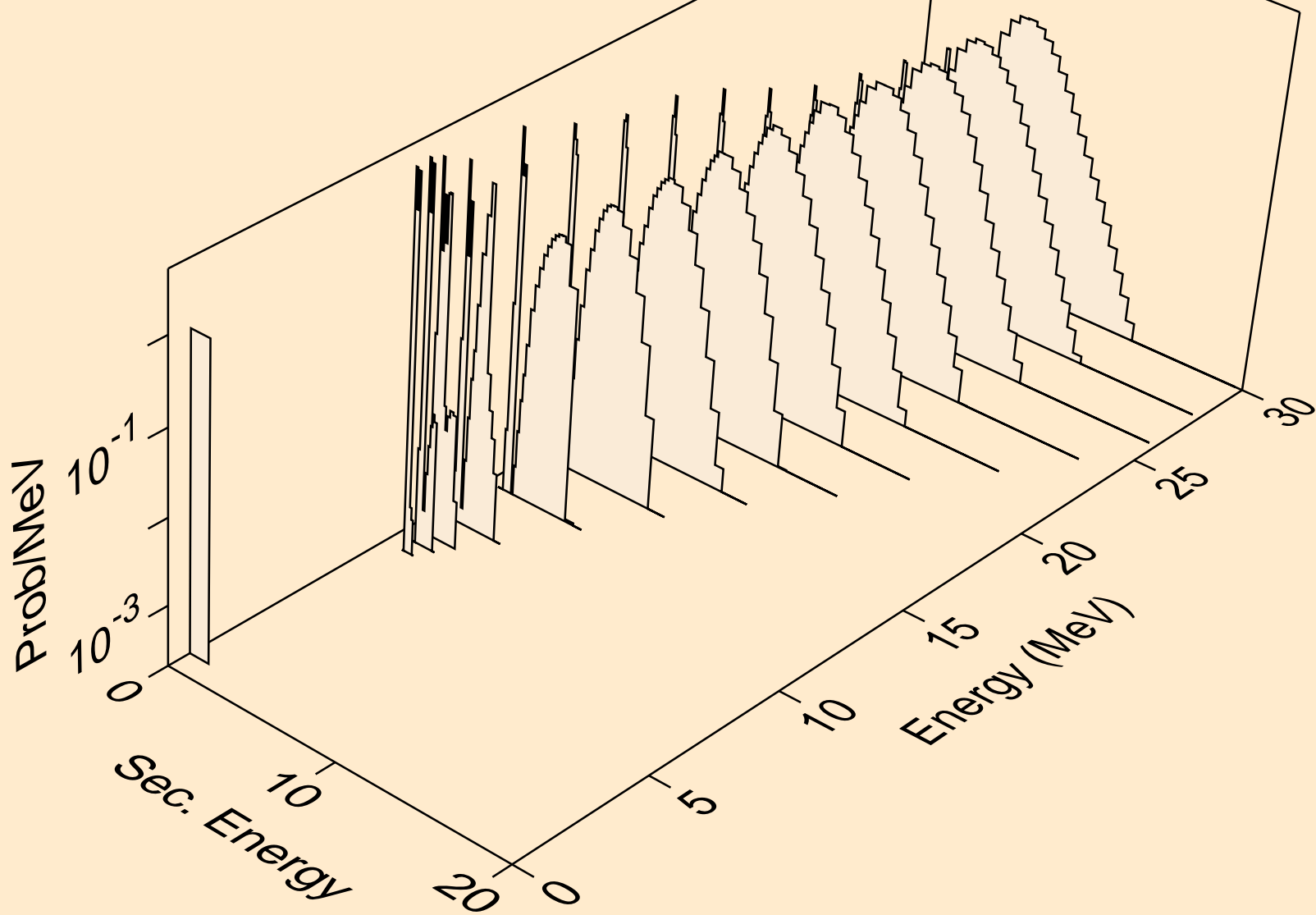
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protons from (n,3np)



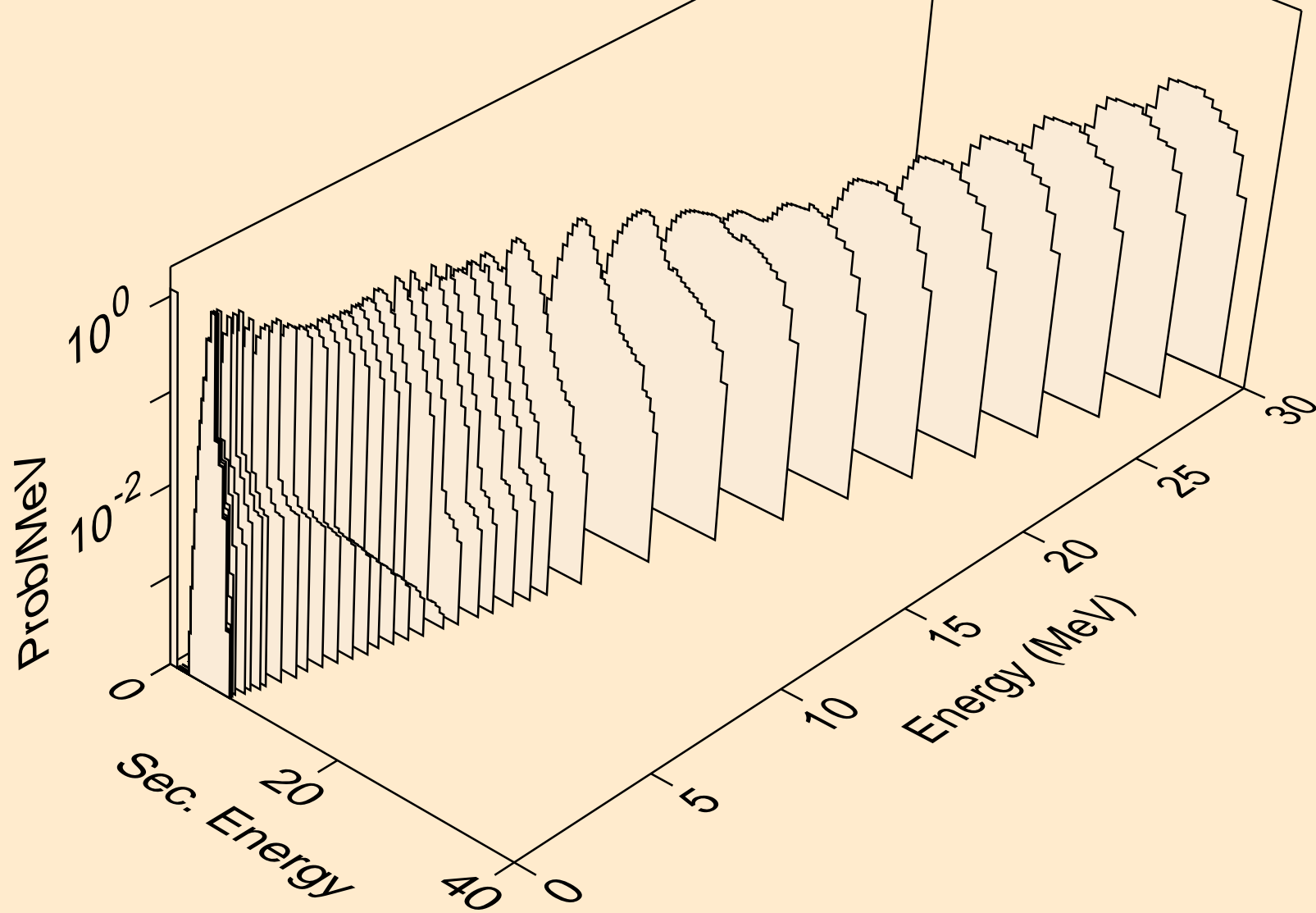
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protons from (n,n2p)



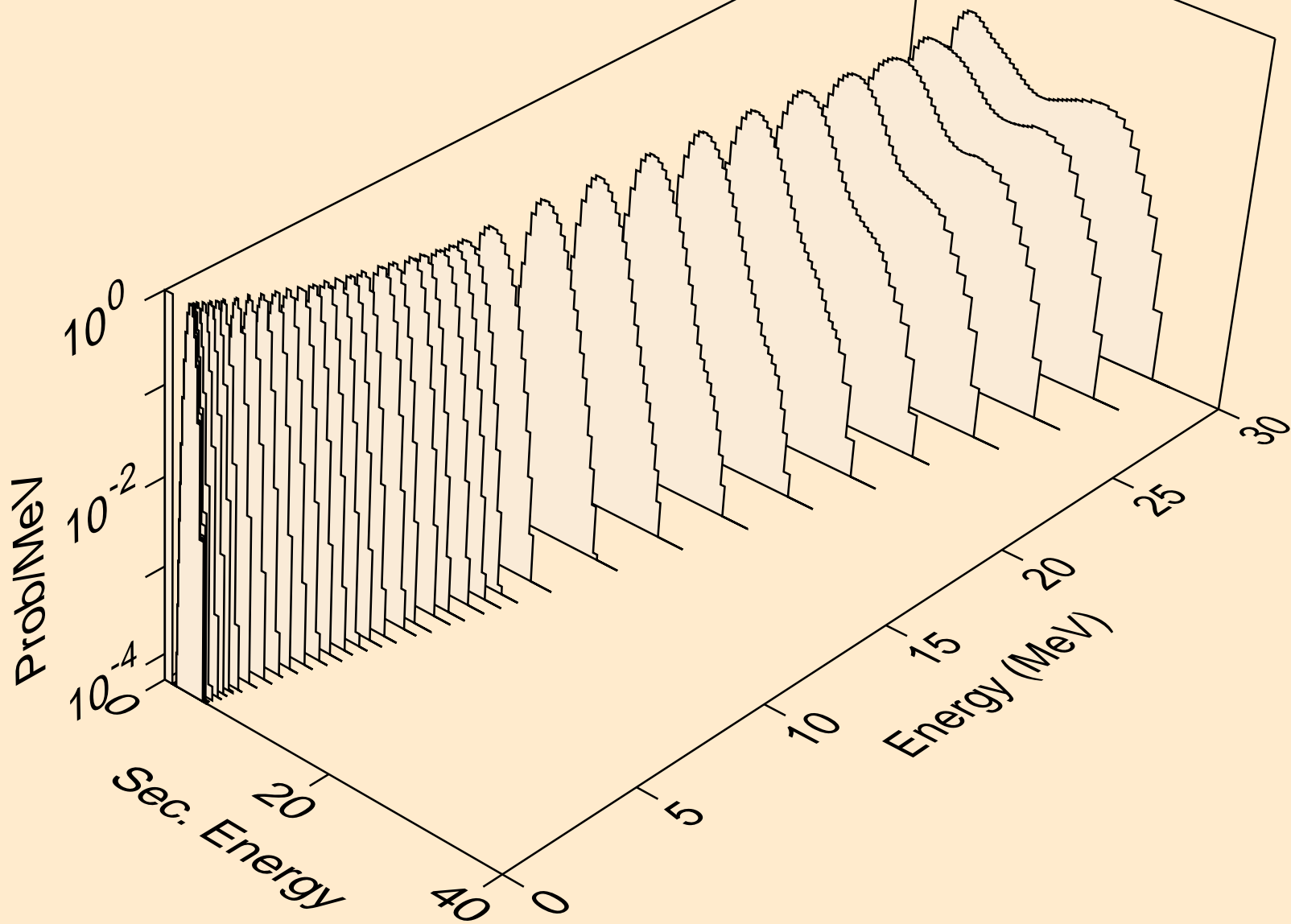
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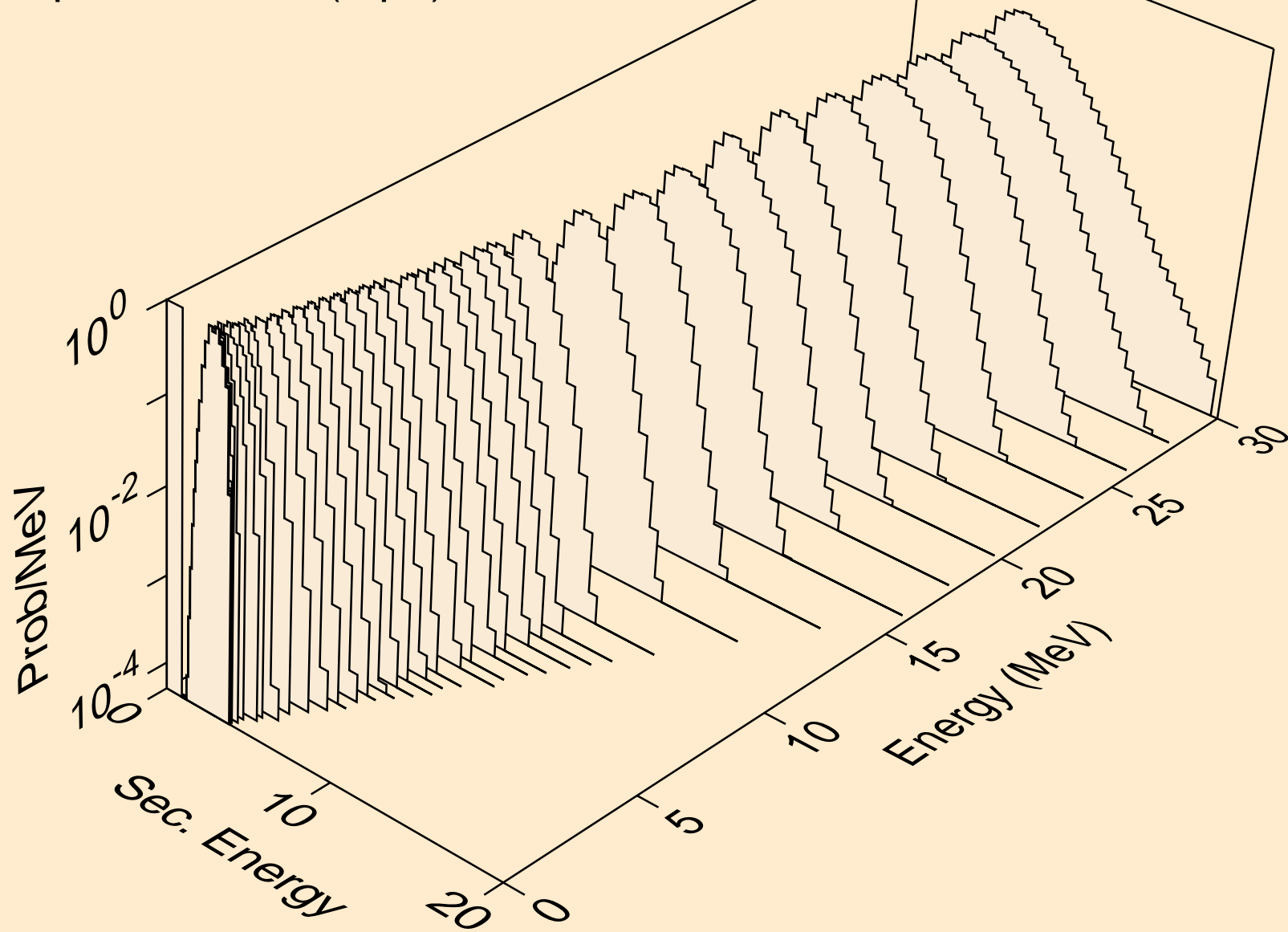
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protons from (n,p)



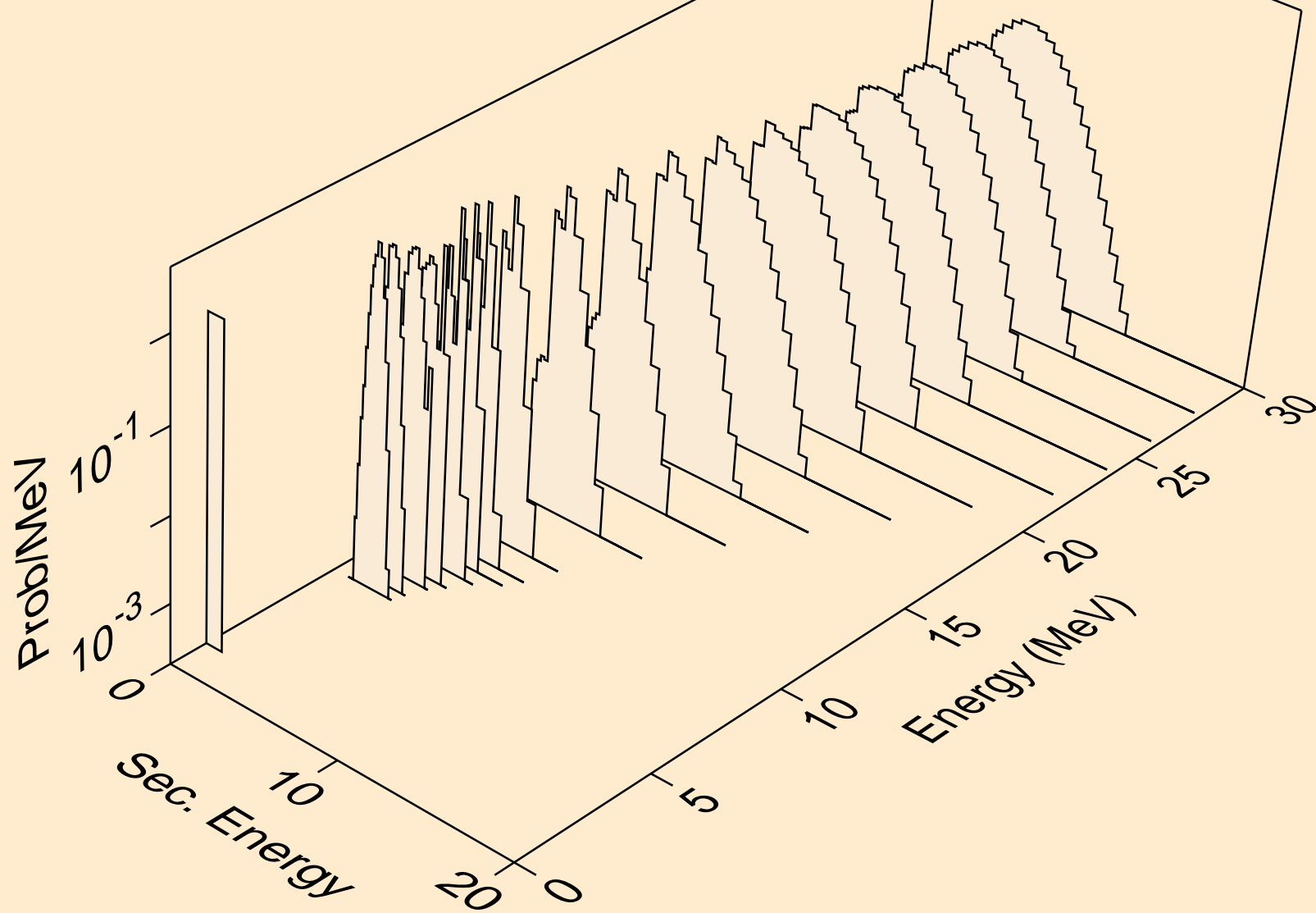
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protons from (n,2p)



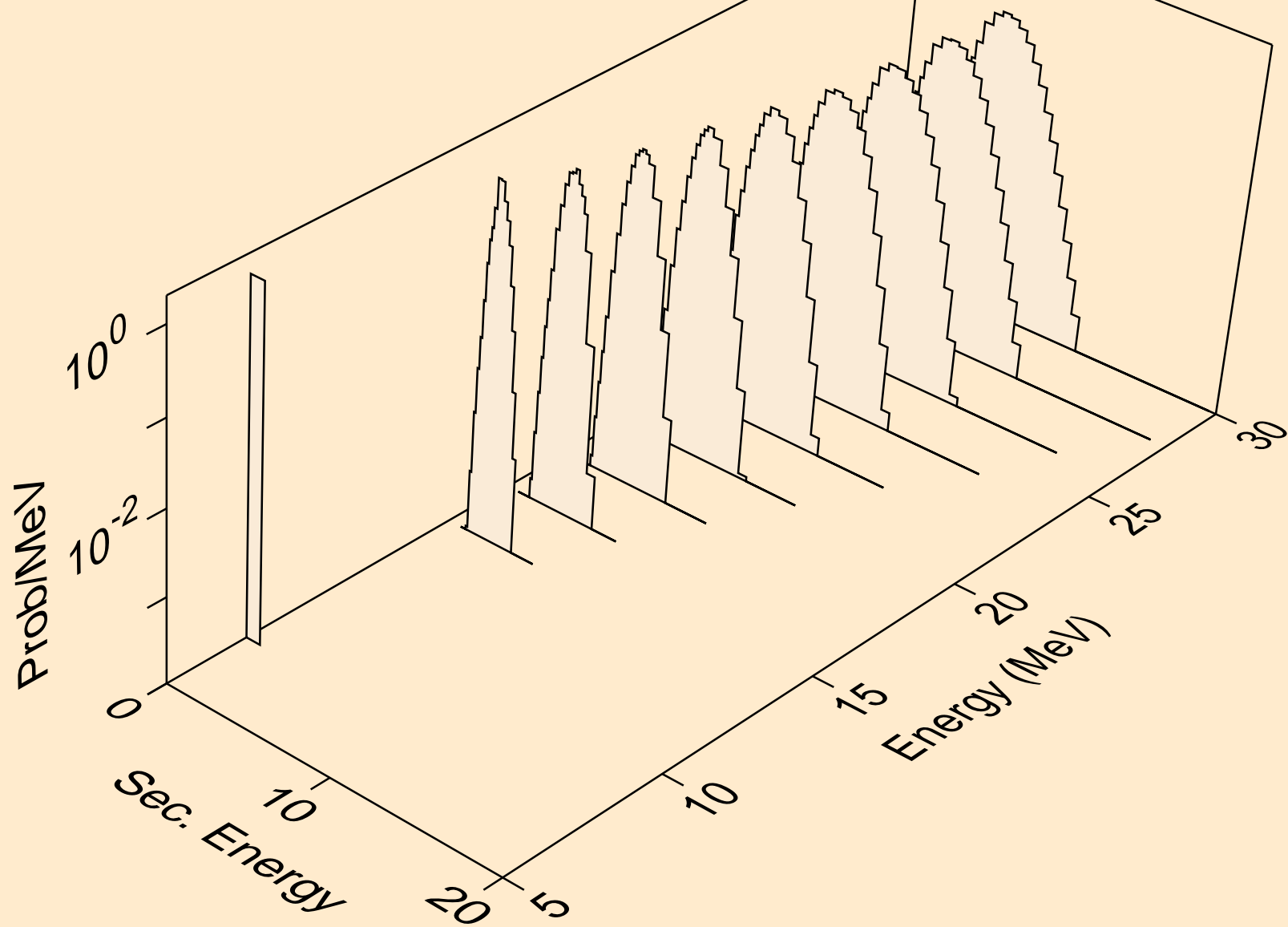
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protons from (n,p)



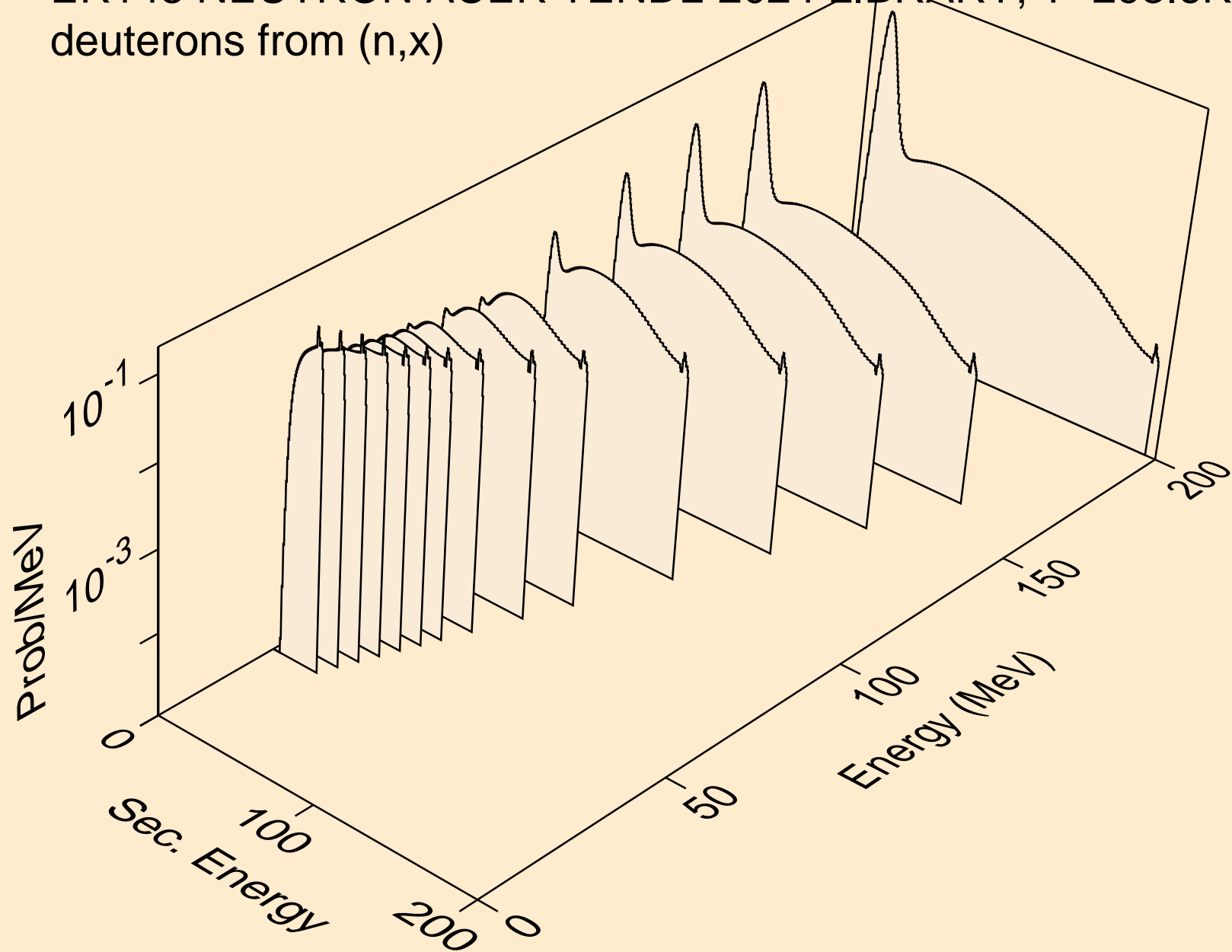
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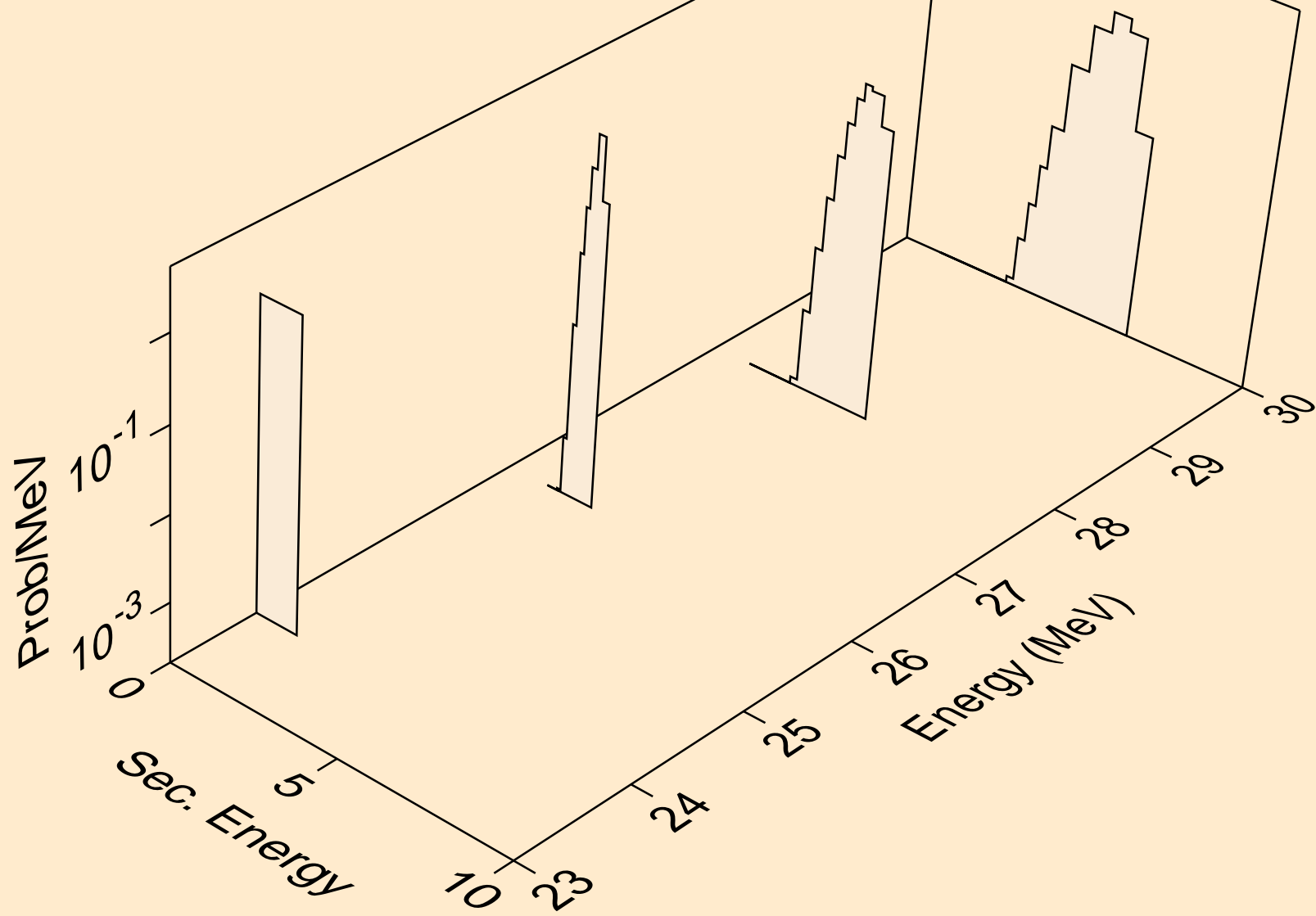
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,pt)



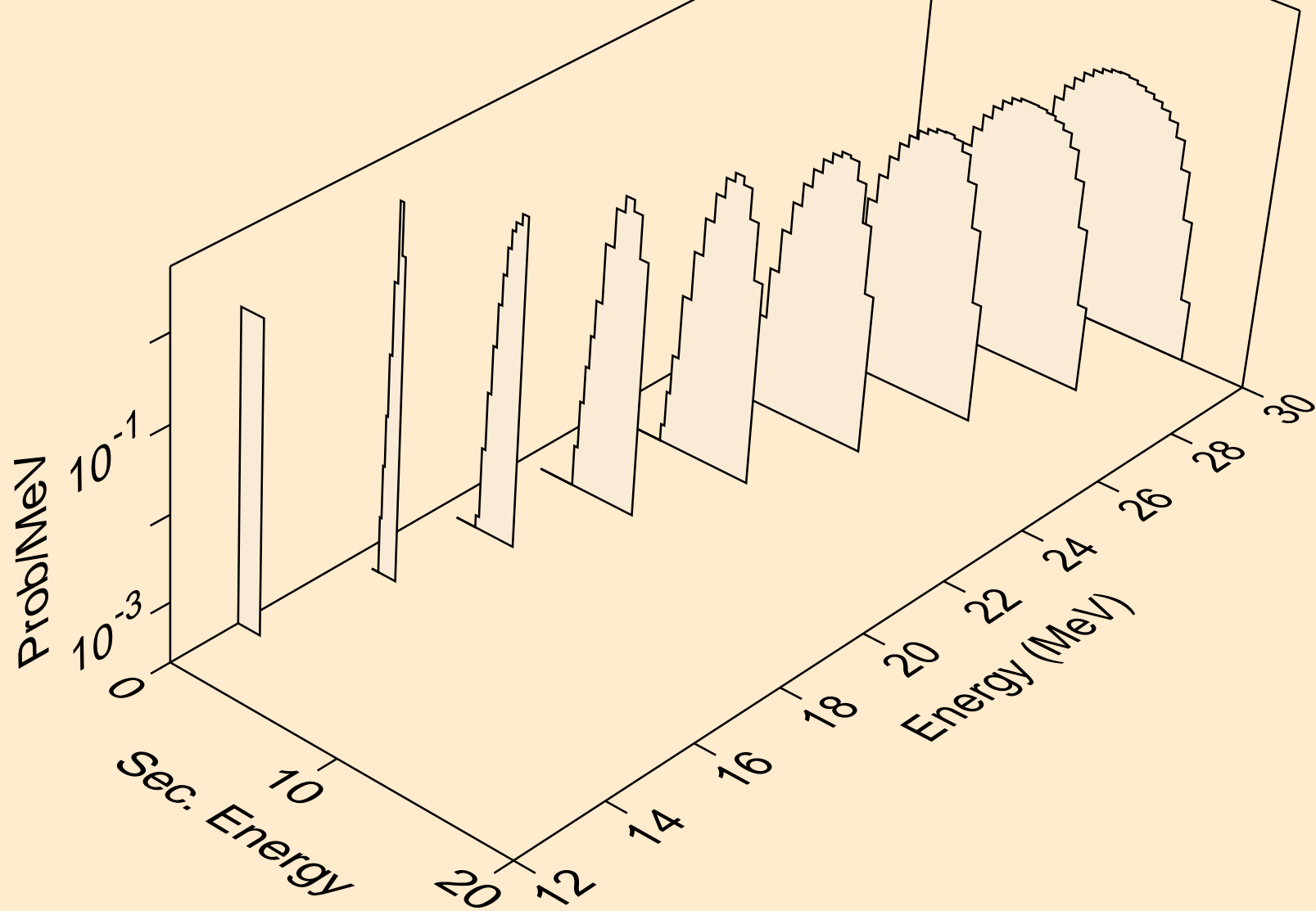
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,x)



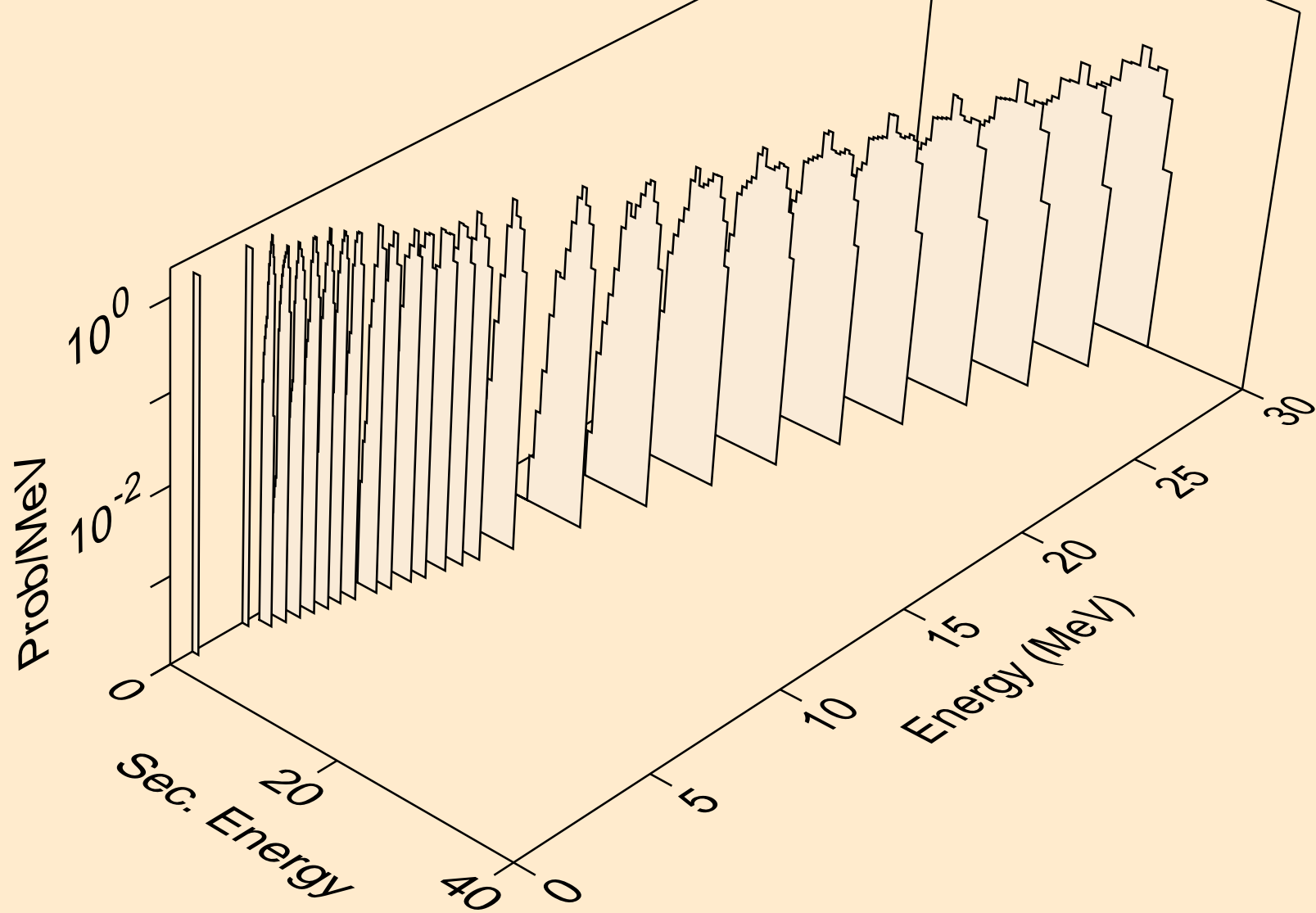
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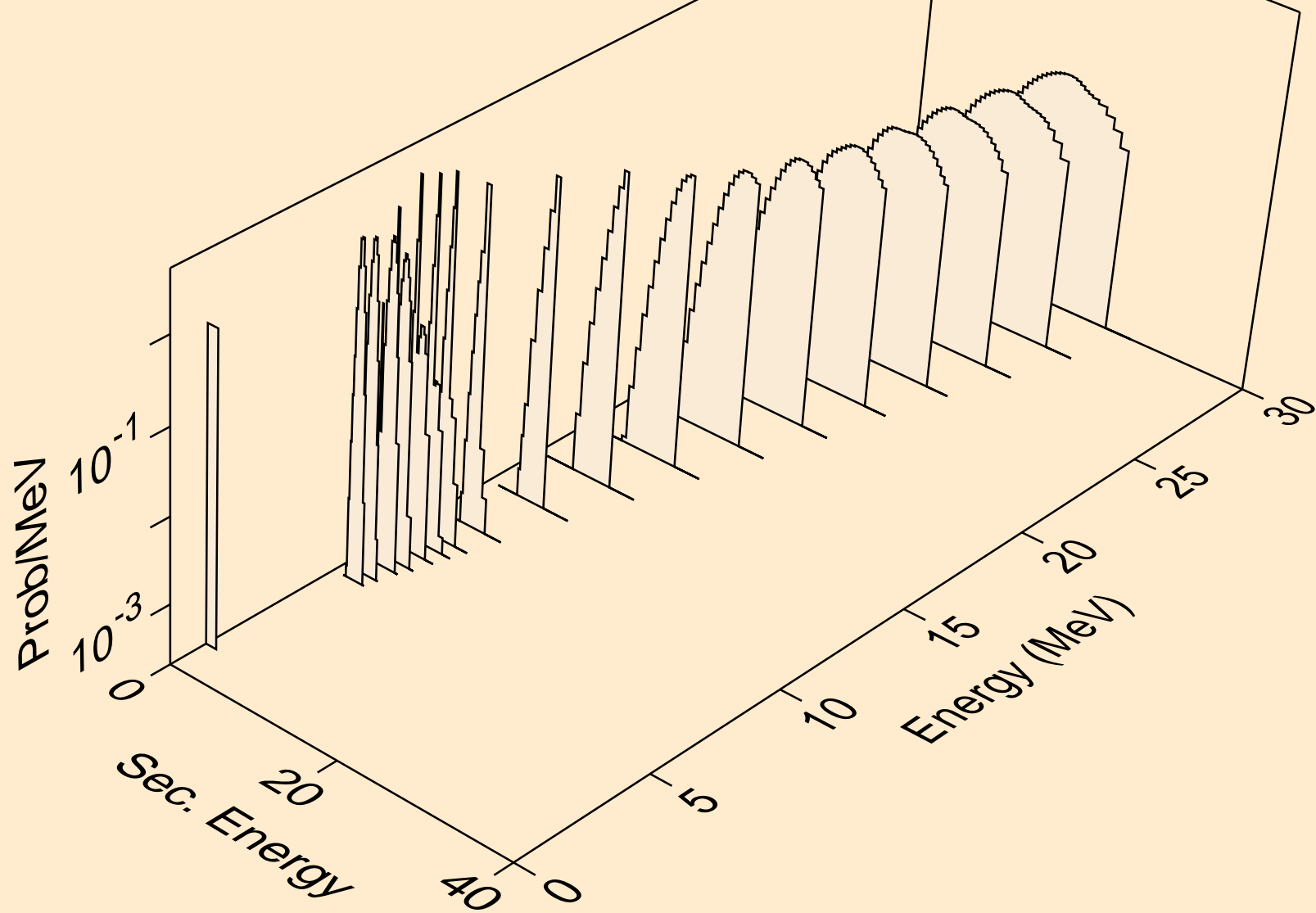
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deuterons from (n,n\*)d



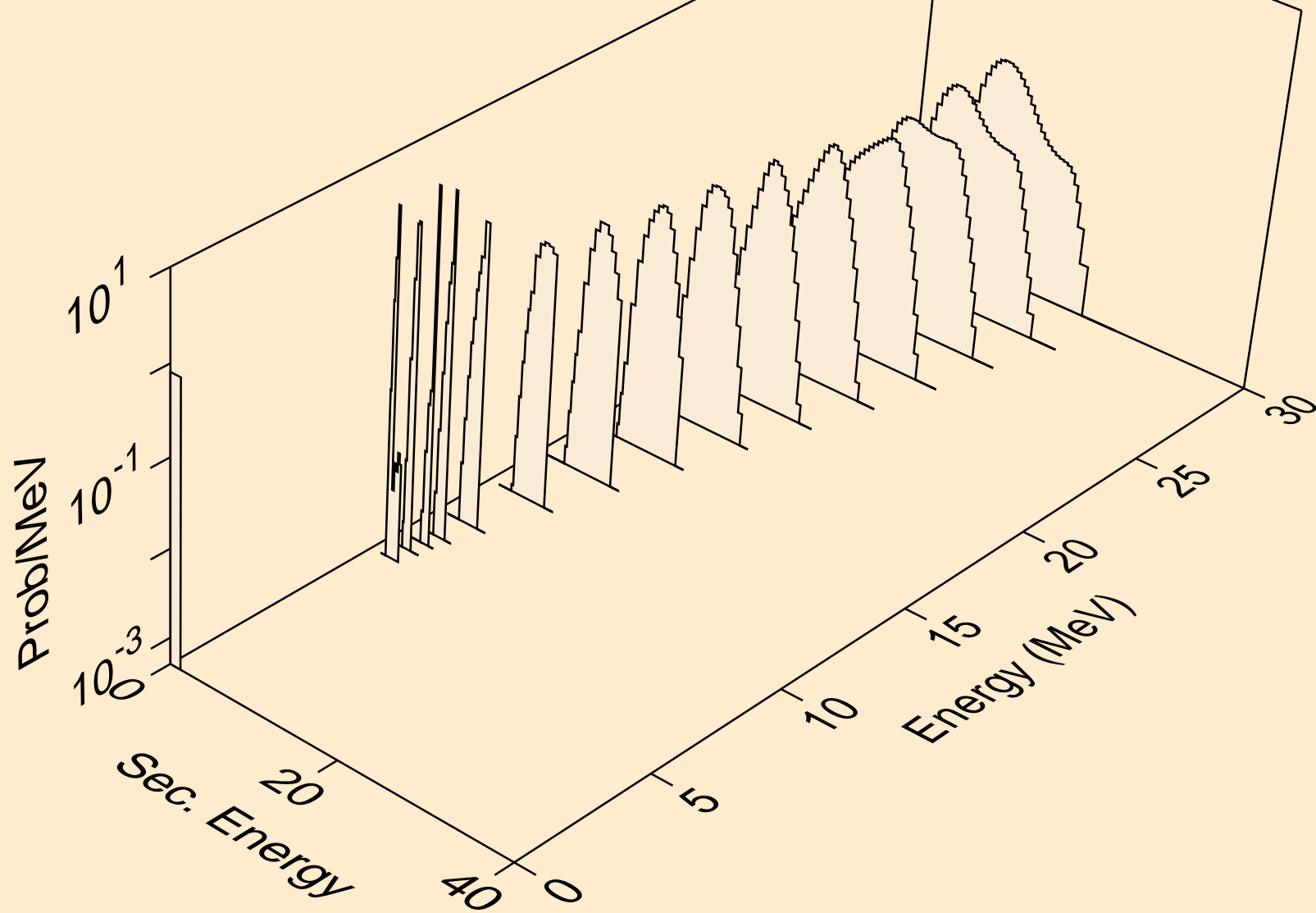
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deuterons from (n,d)



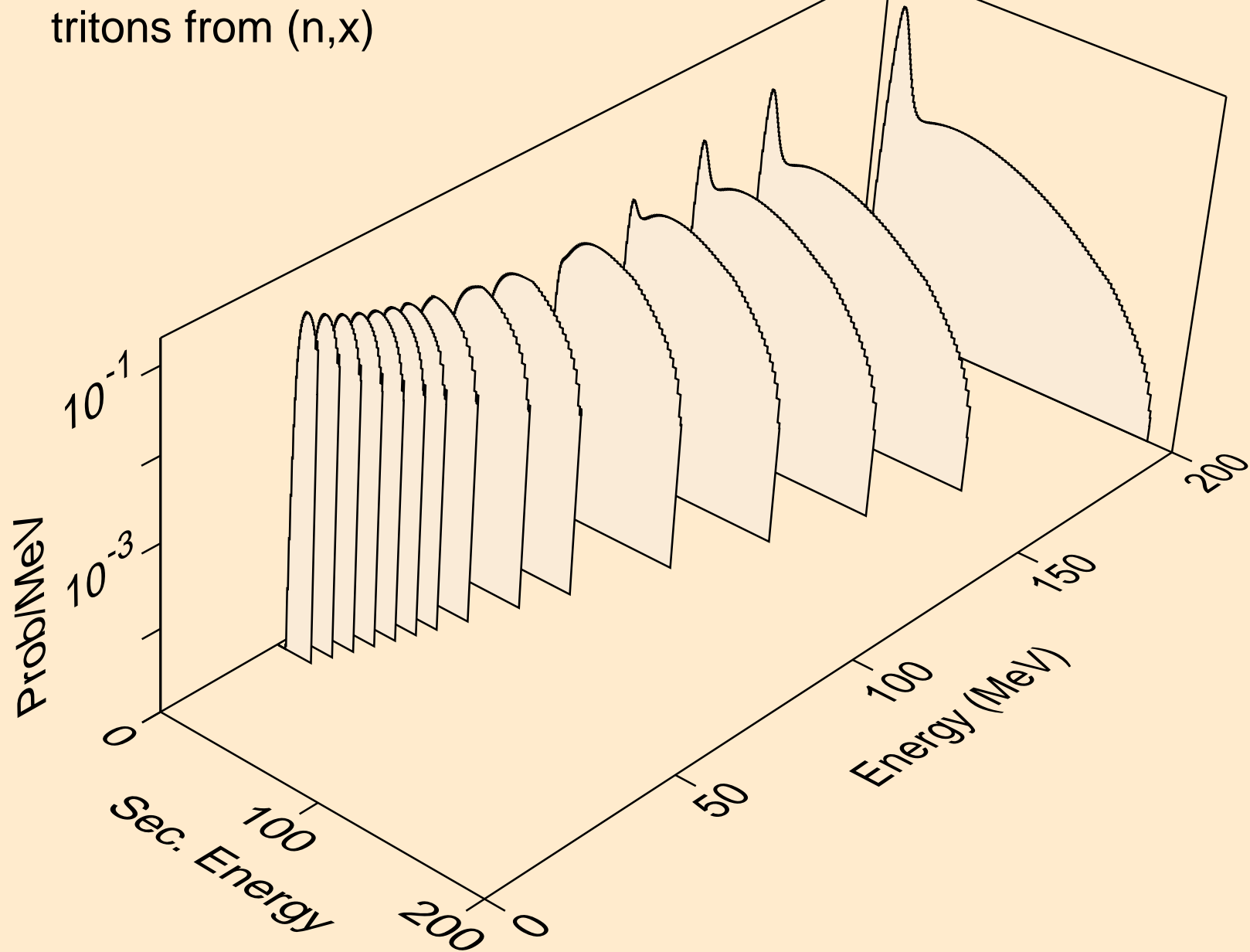
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,pd)



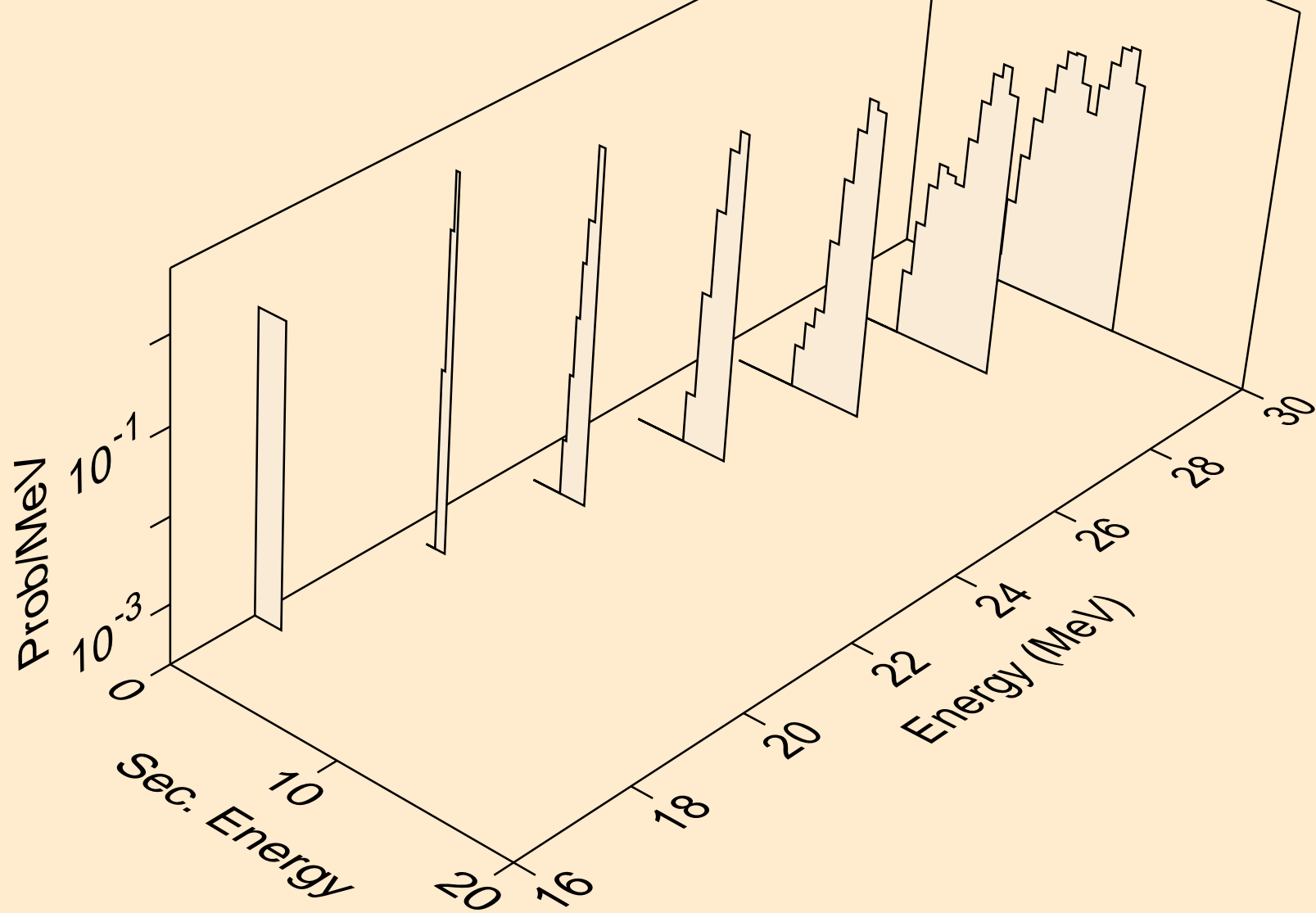
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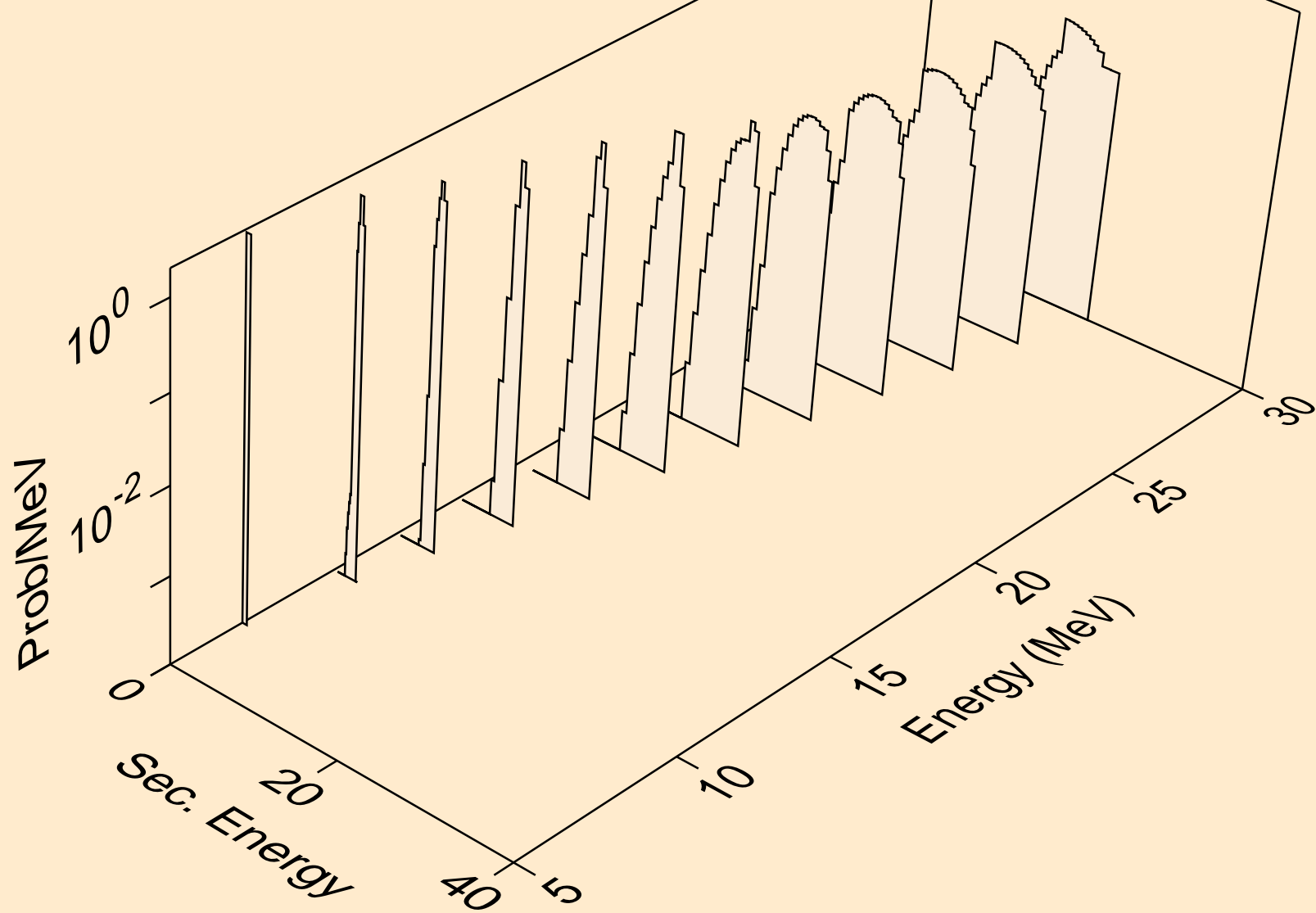
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tritons from (n,x)



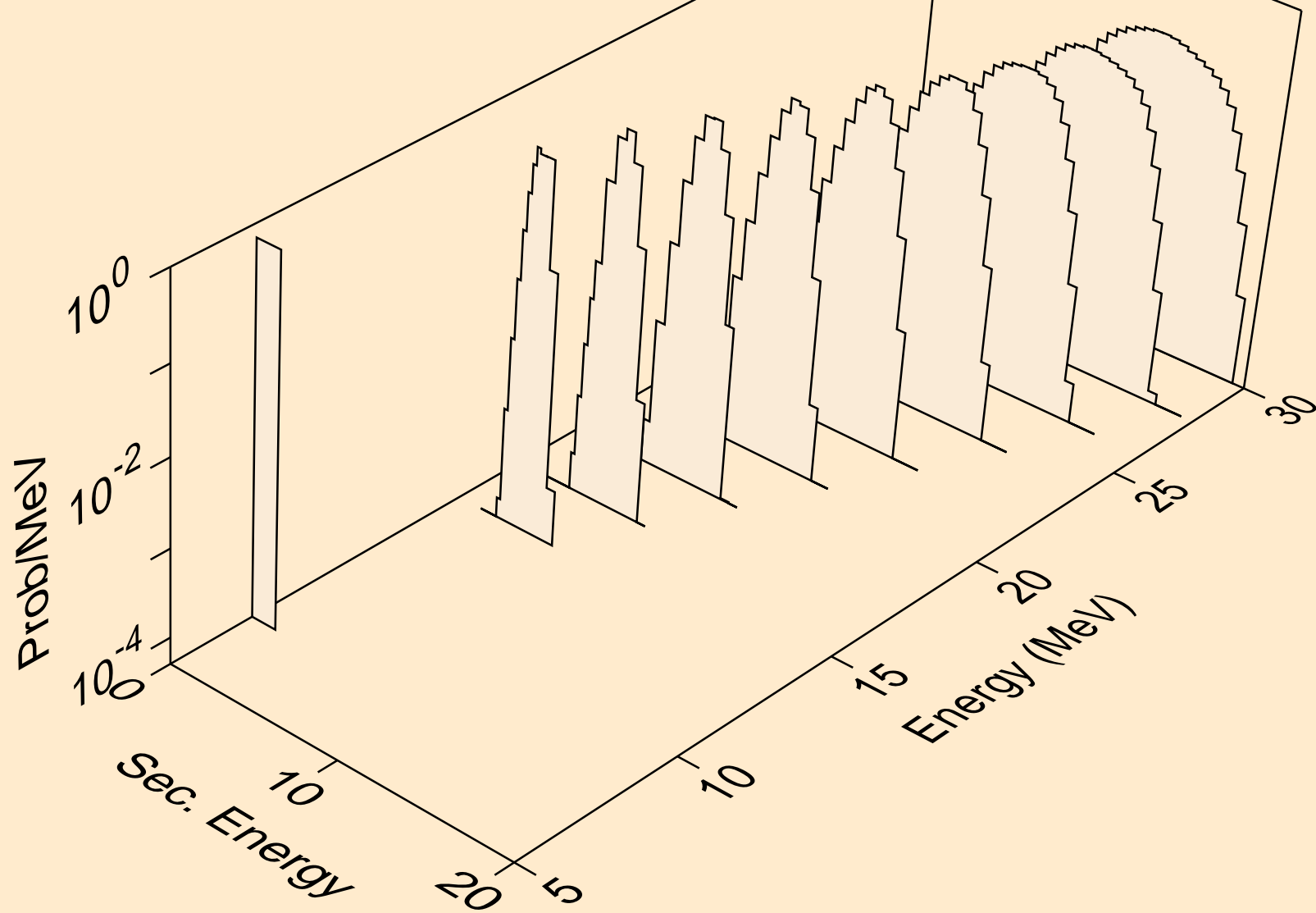
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



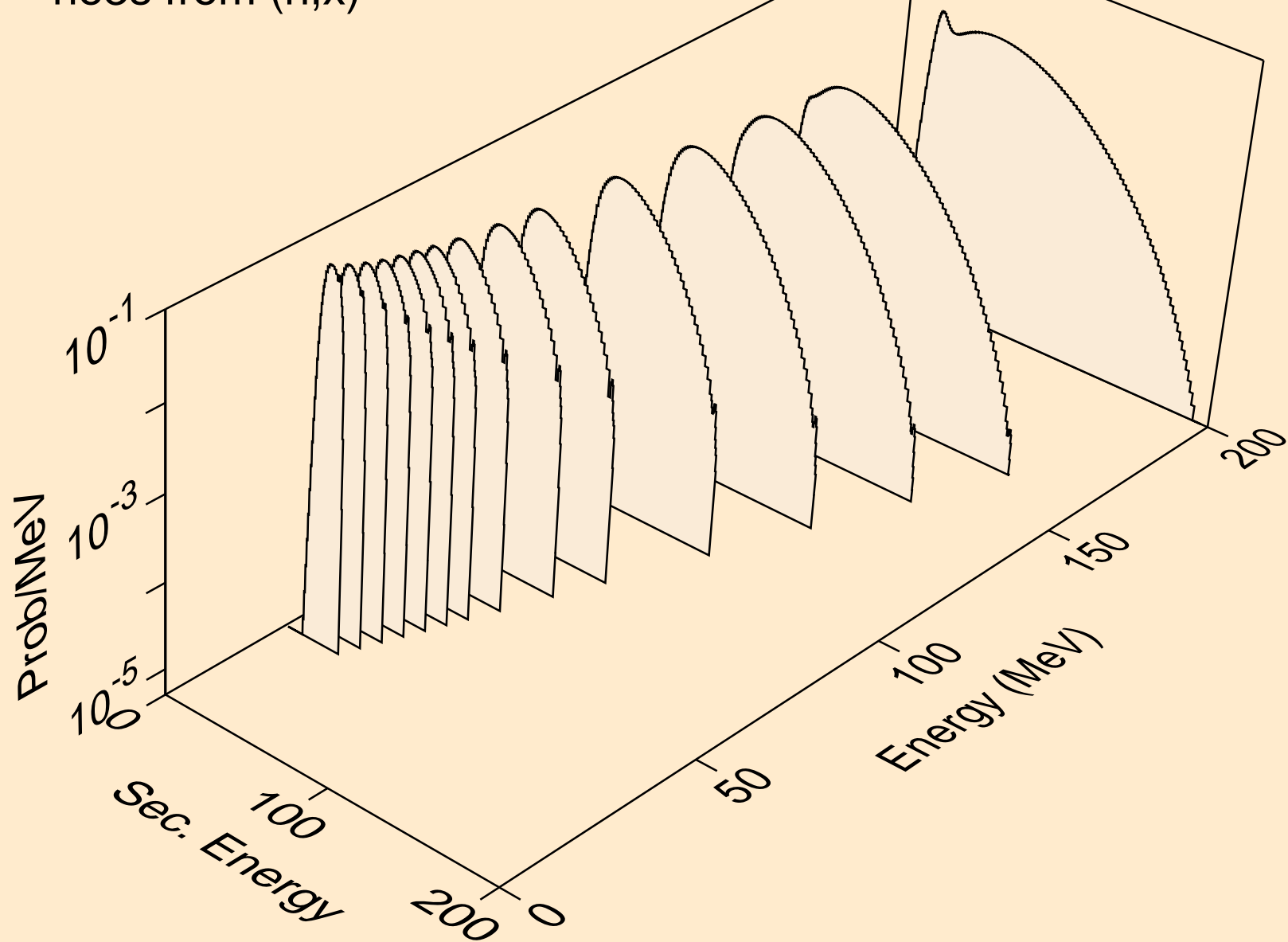
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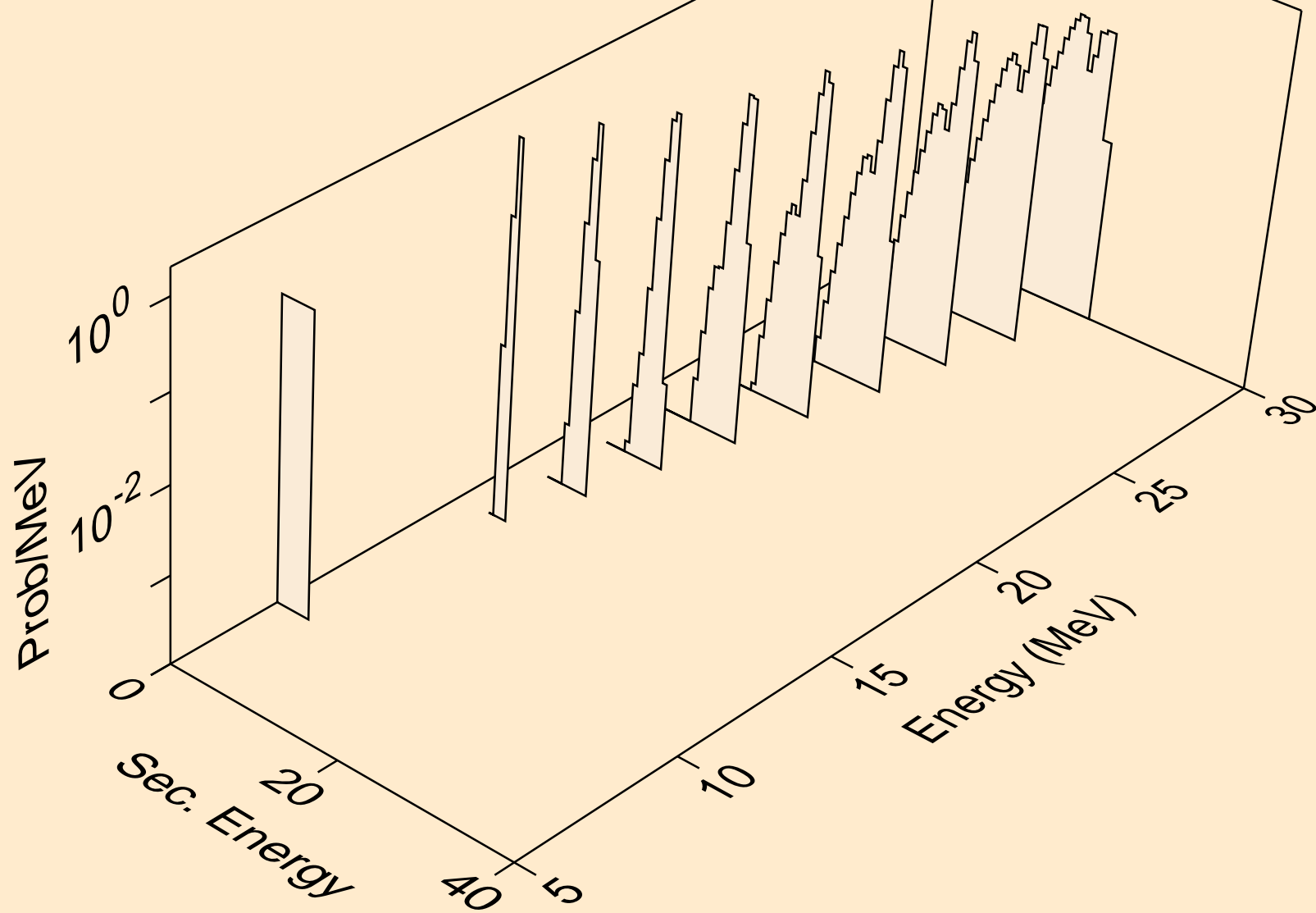
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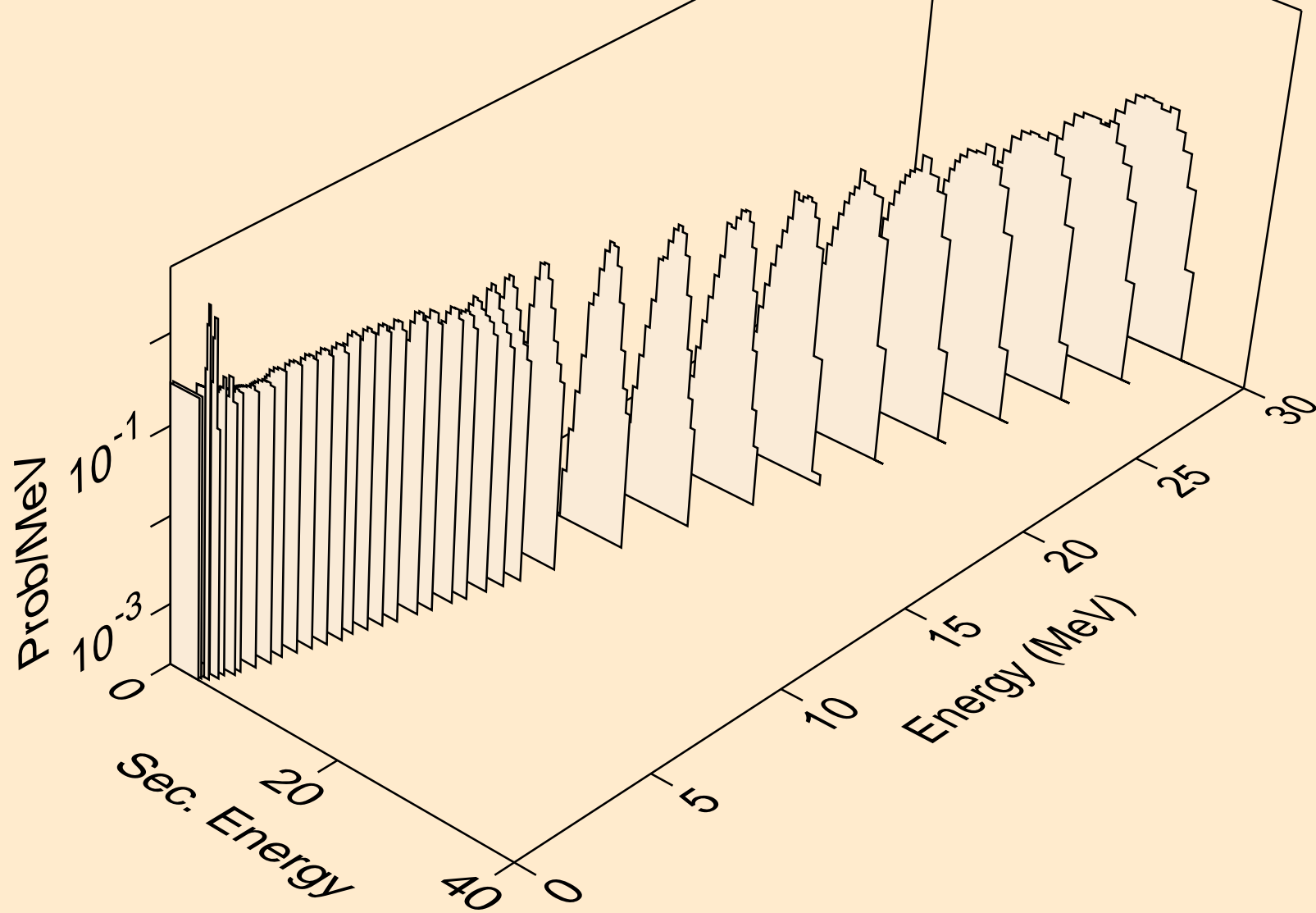
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he3s from (n,x)



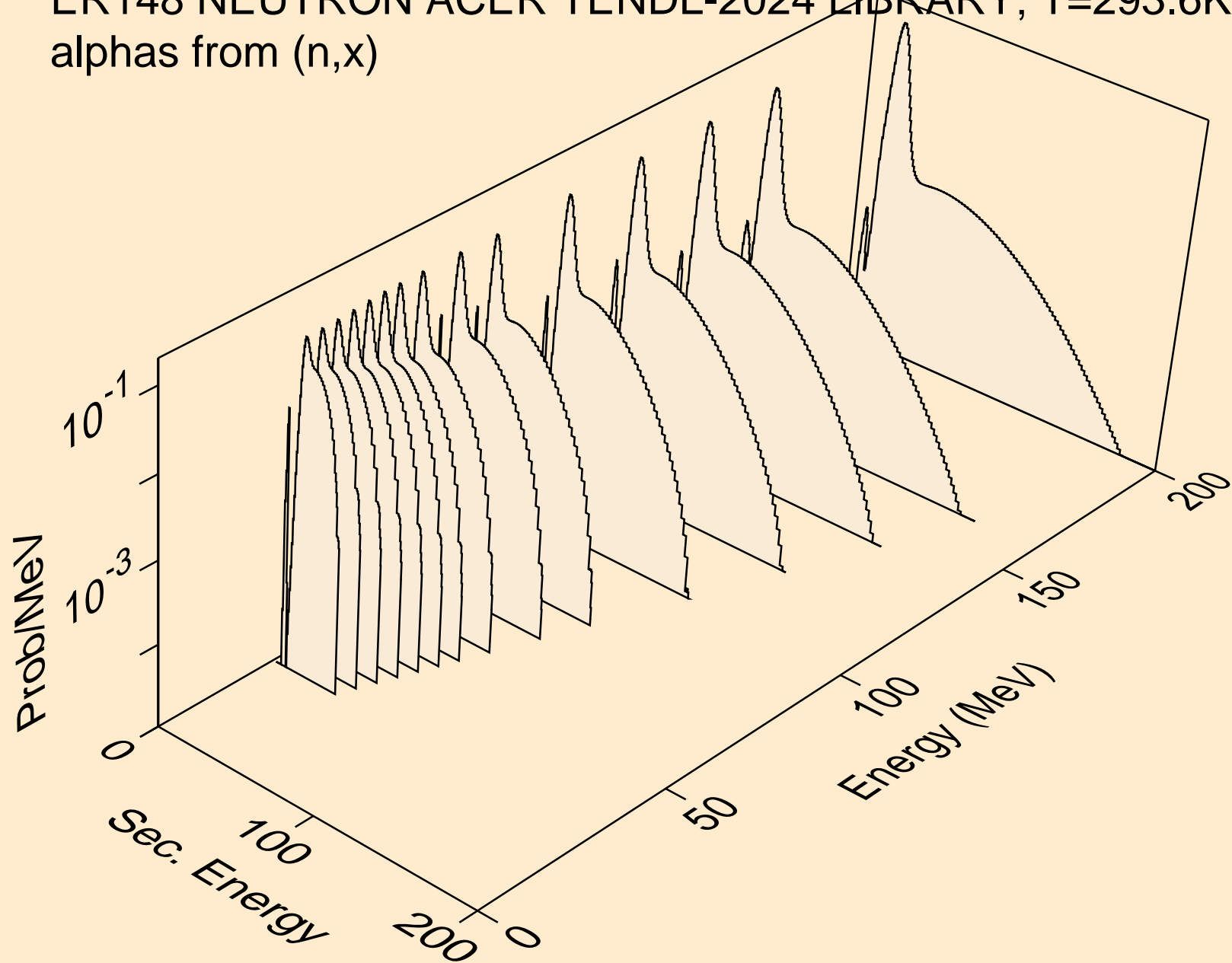
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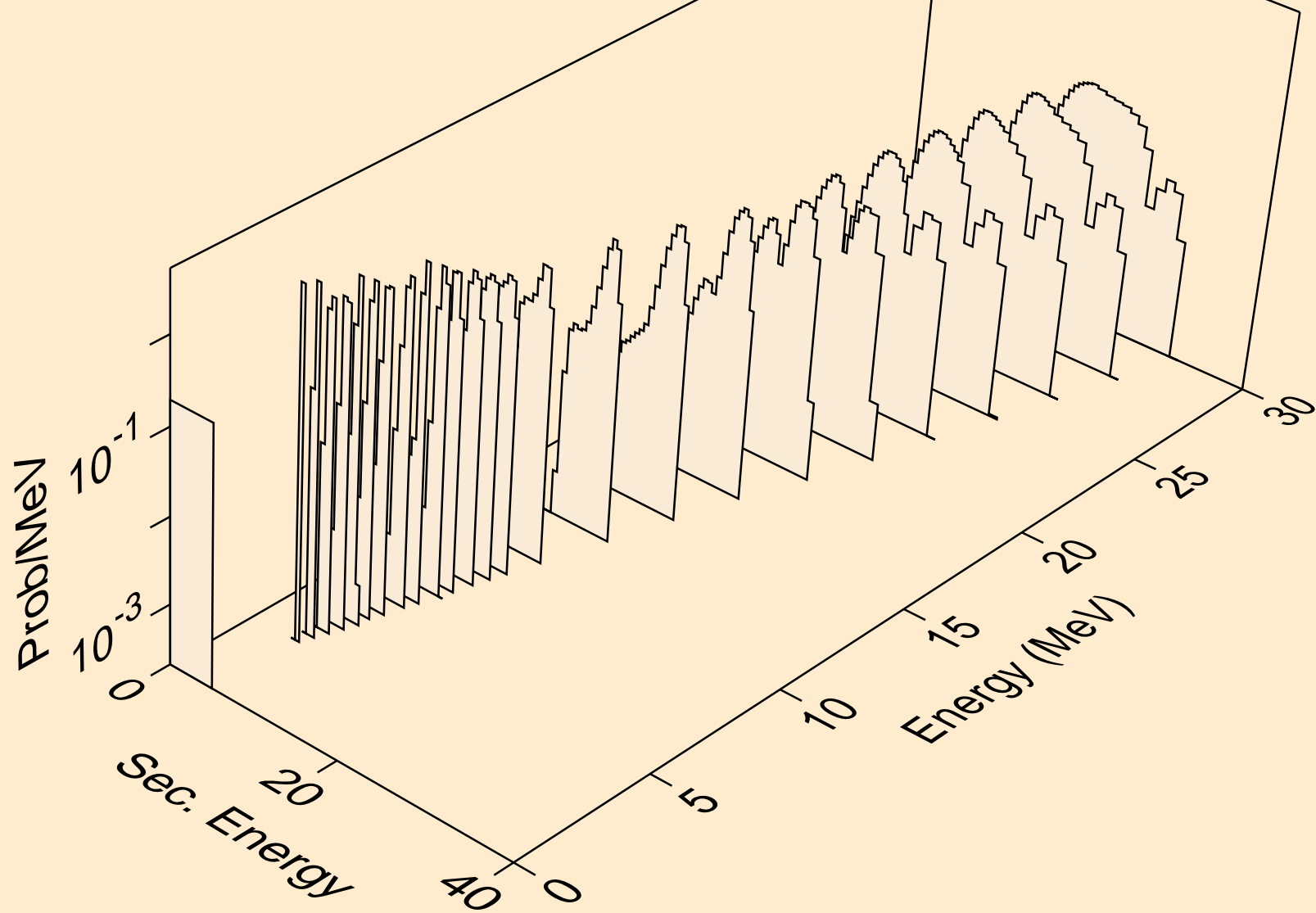
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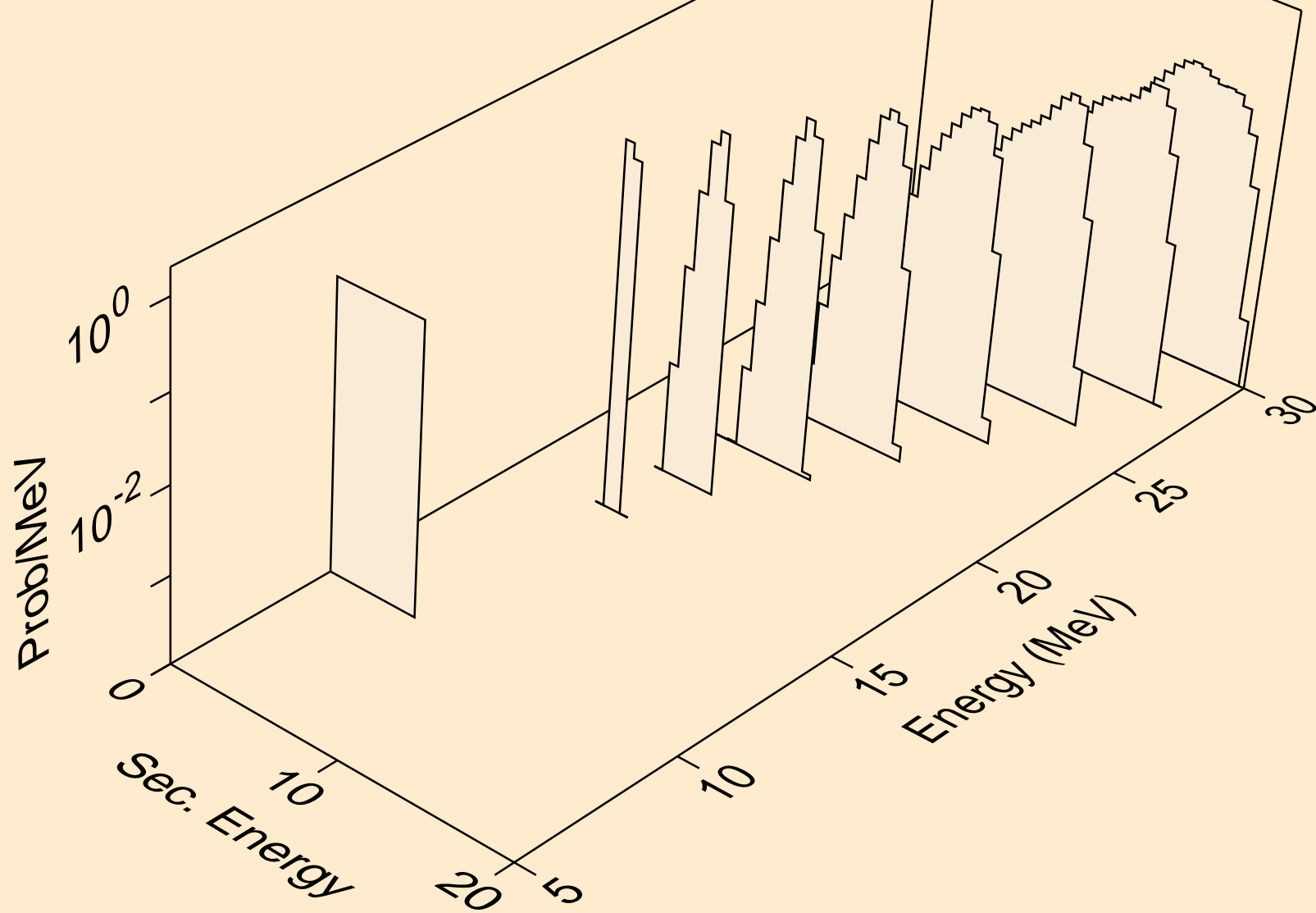
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



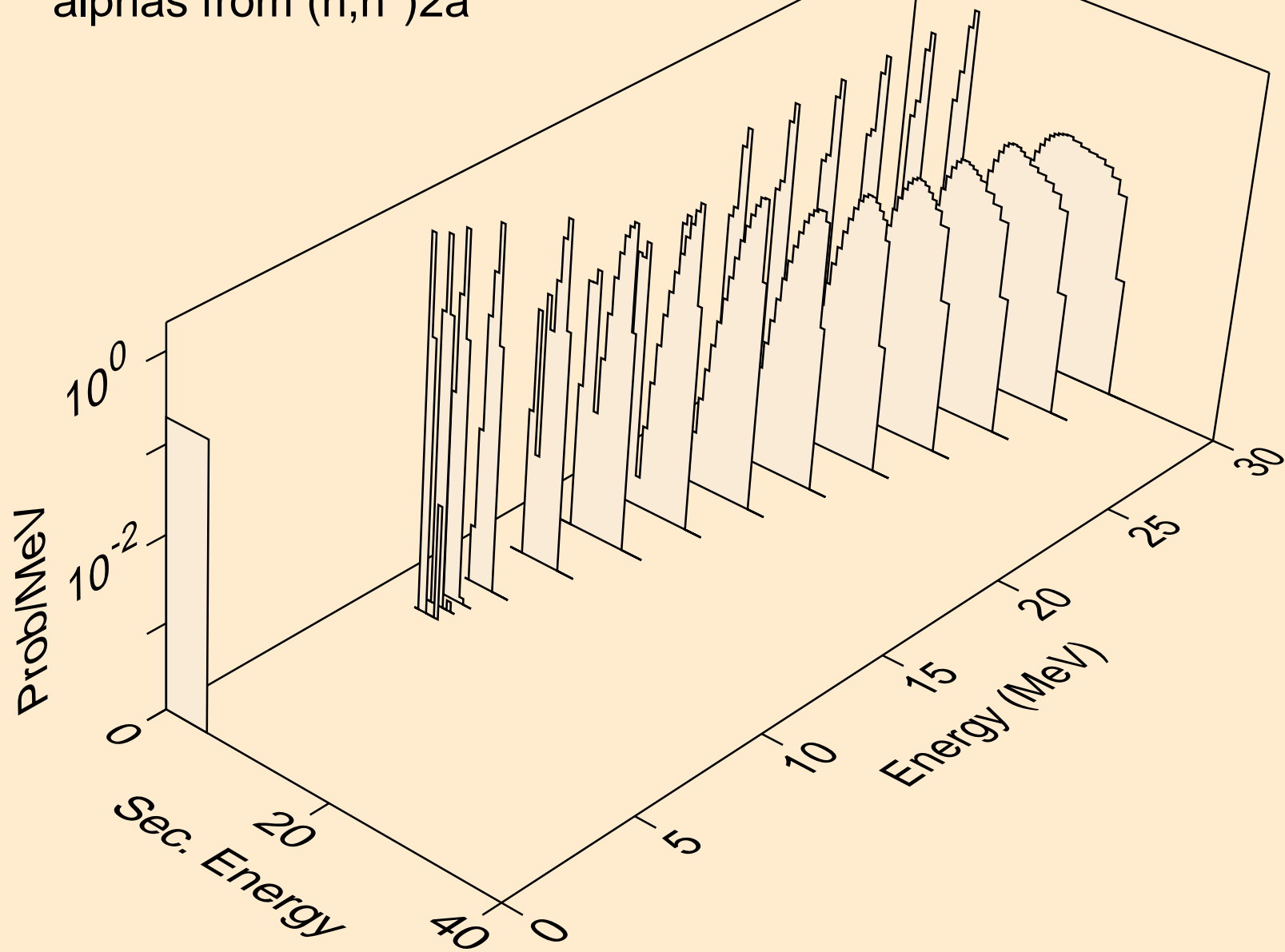
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



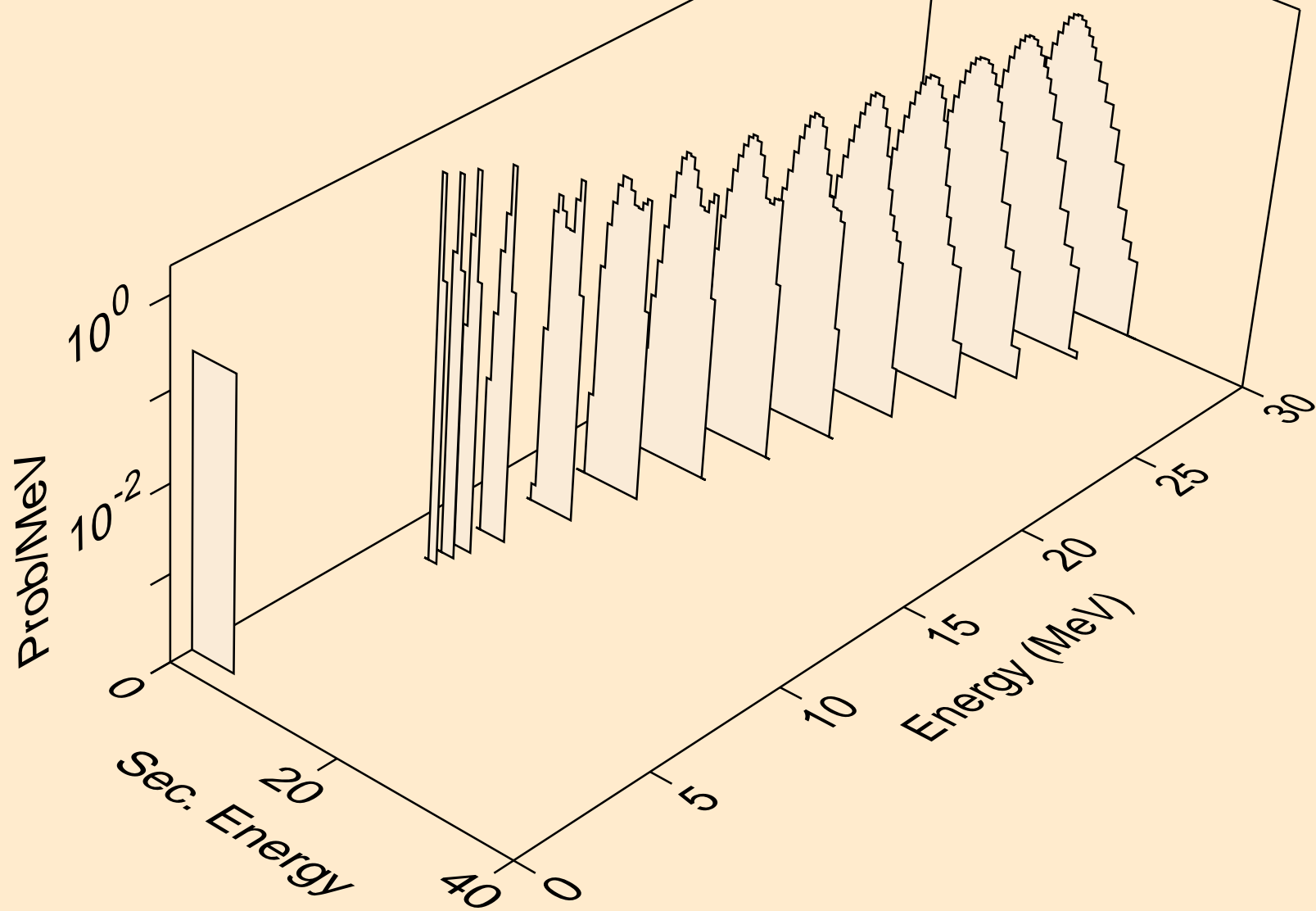
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alphas from (n,2n)a



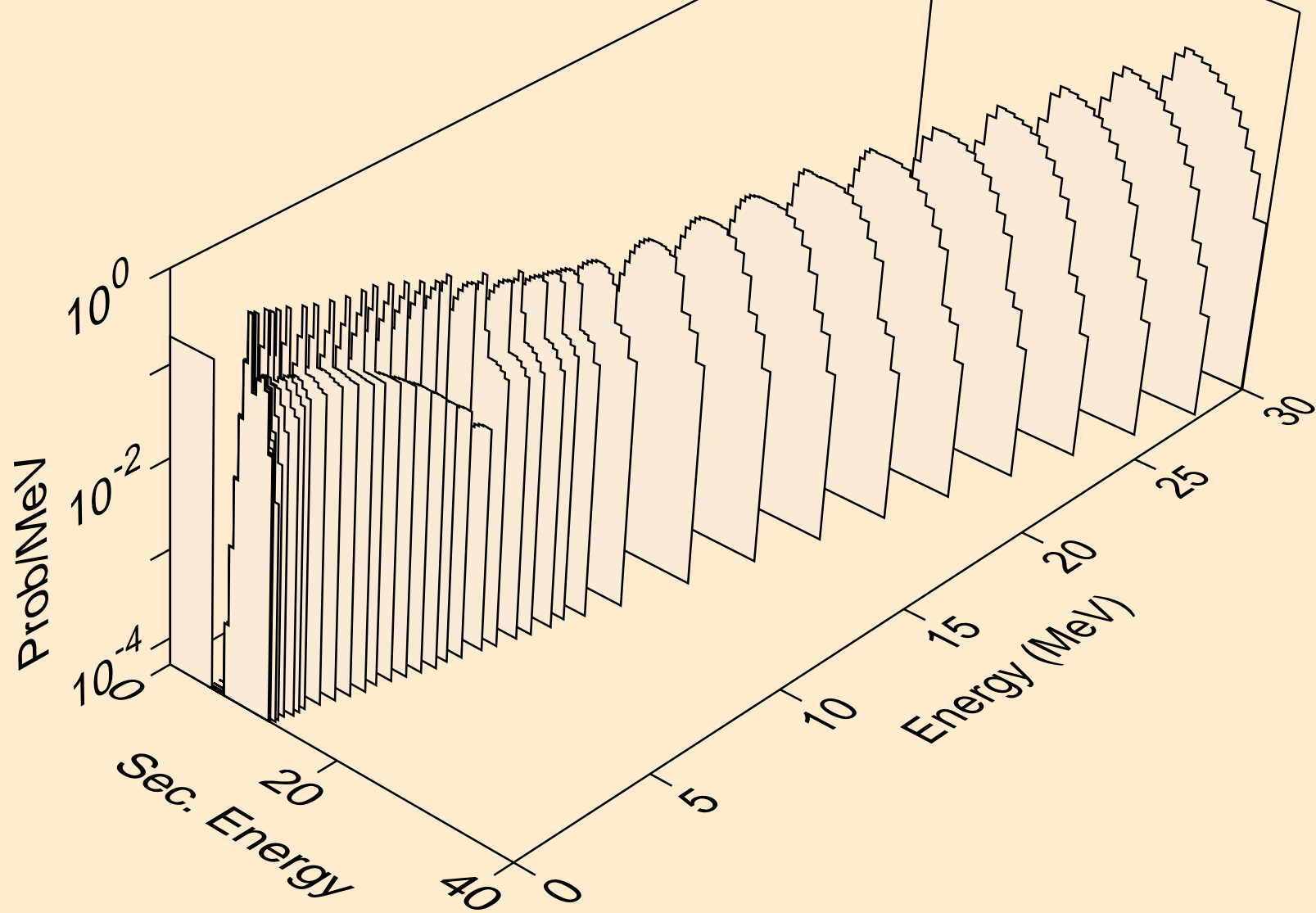
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alphas from (n,n\*)2a



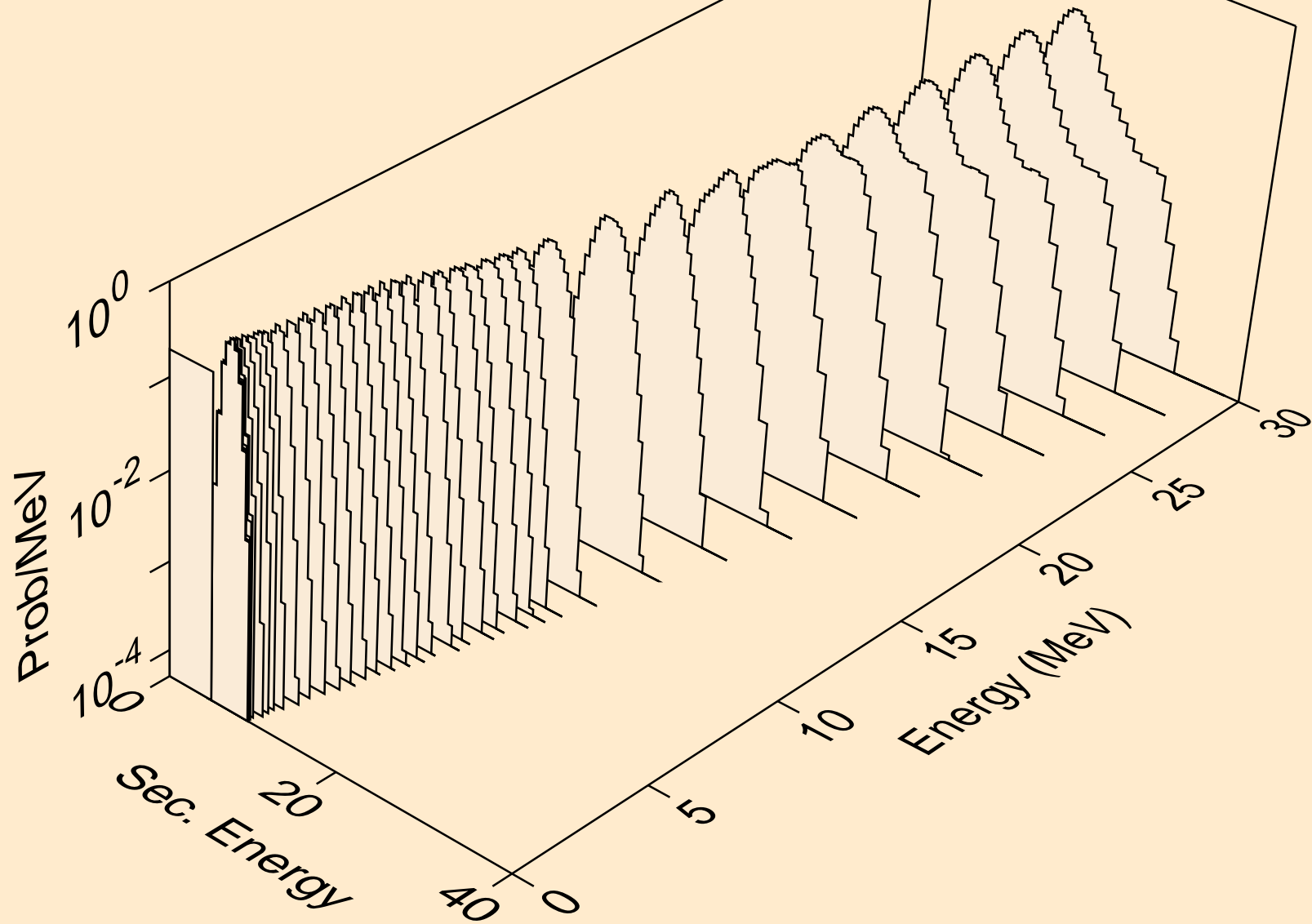
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alphas from (n,npa)



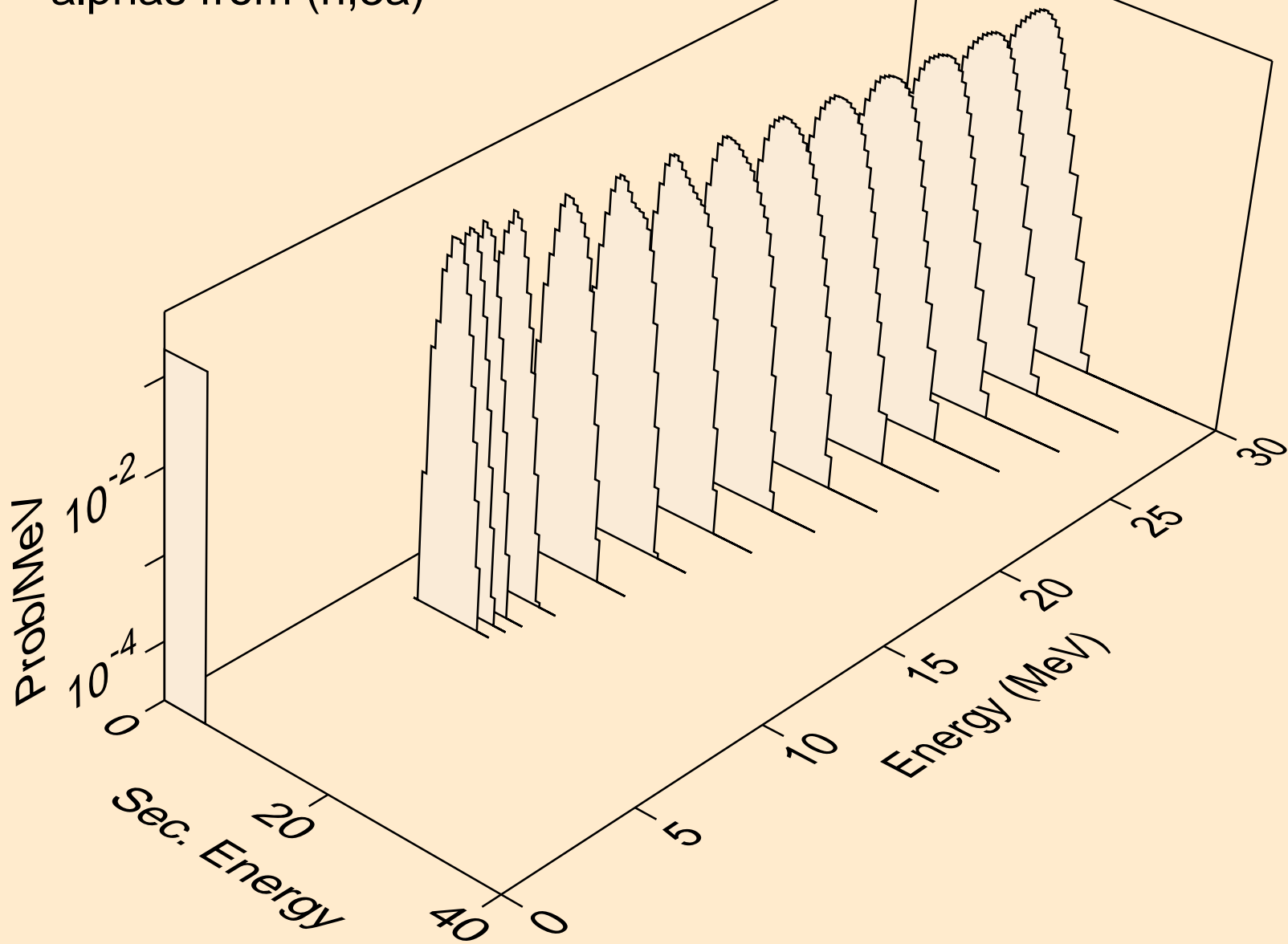
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alphas from (n,a)



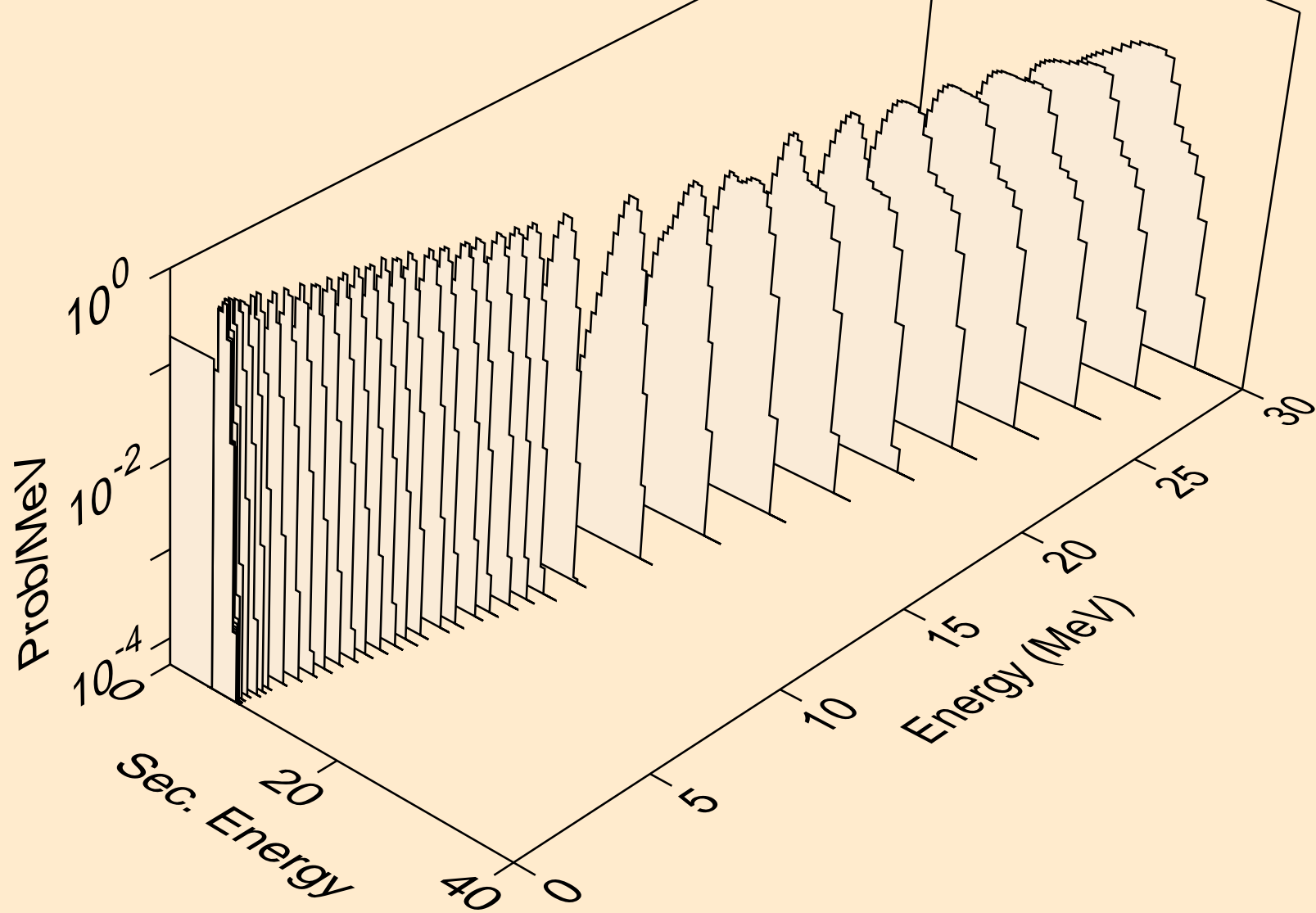
ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2a)



ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3a)



ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,pa)



ER148 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,da)

