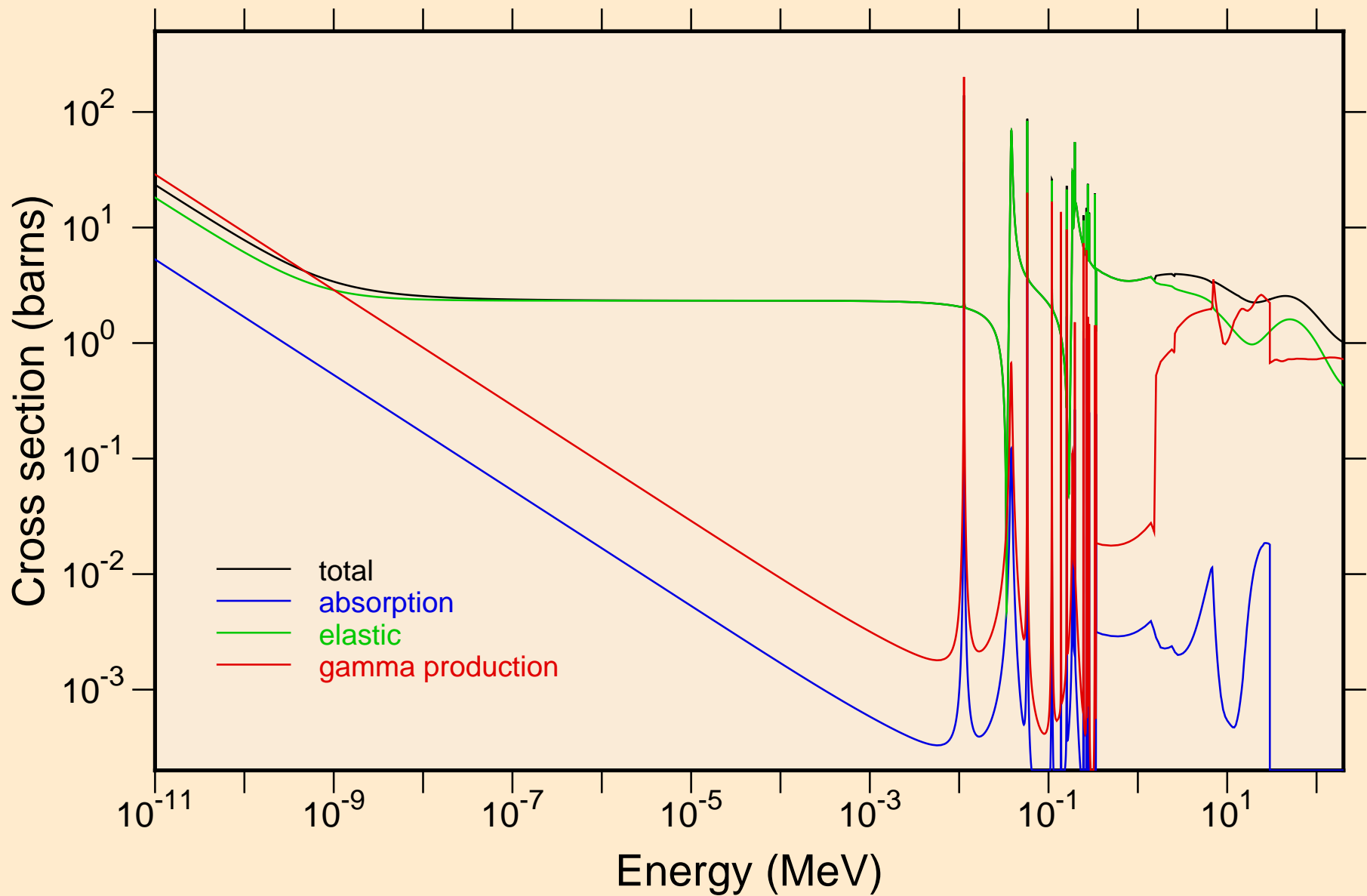
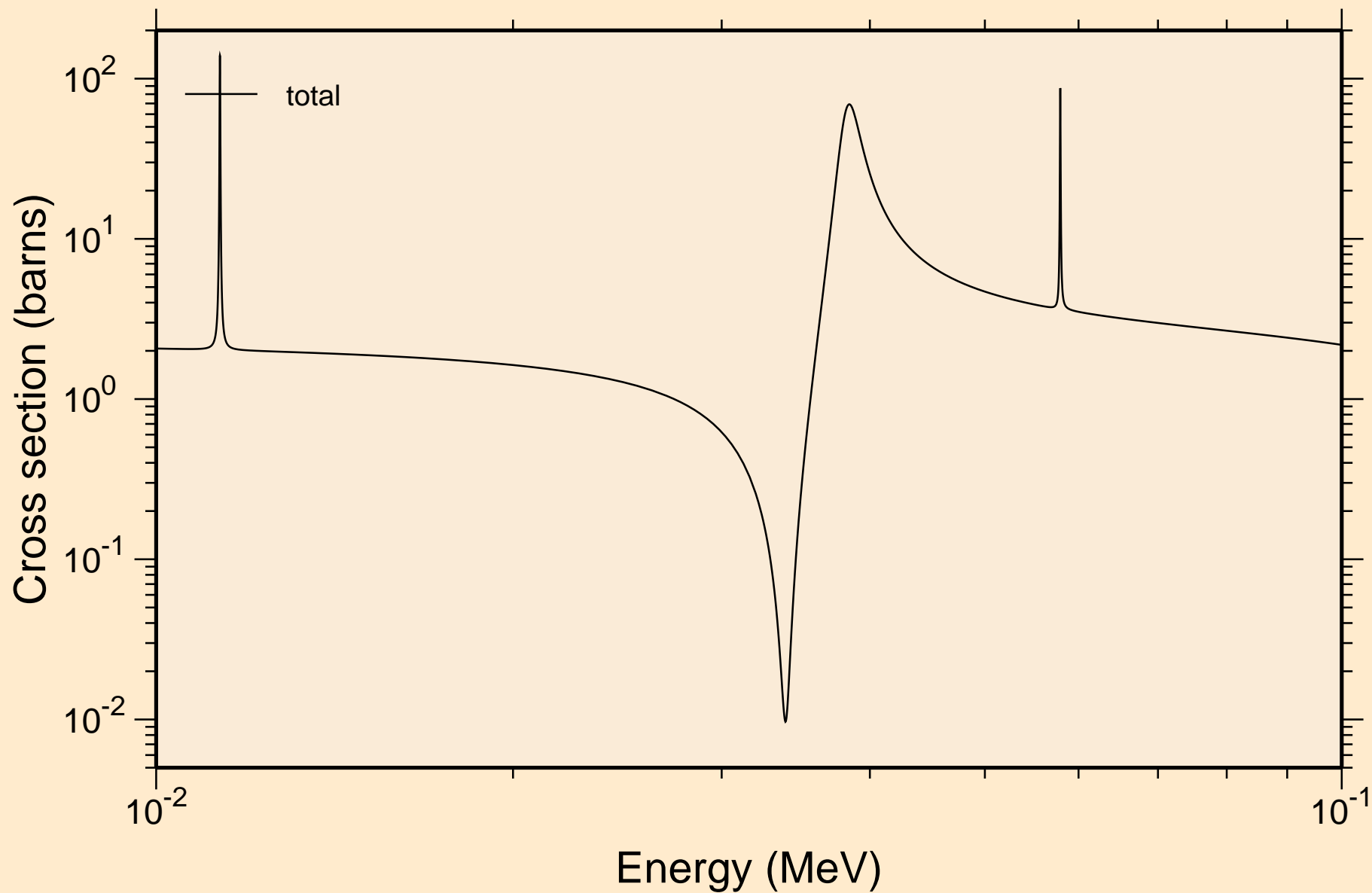


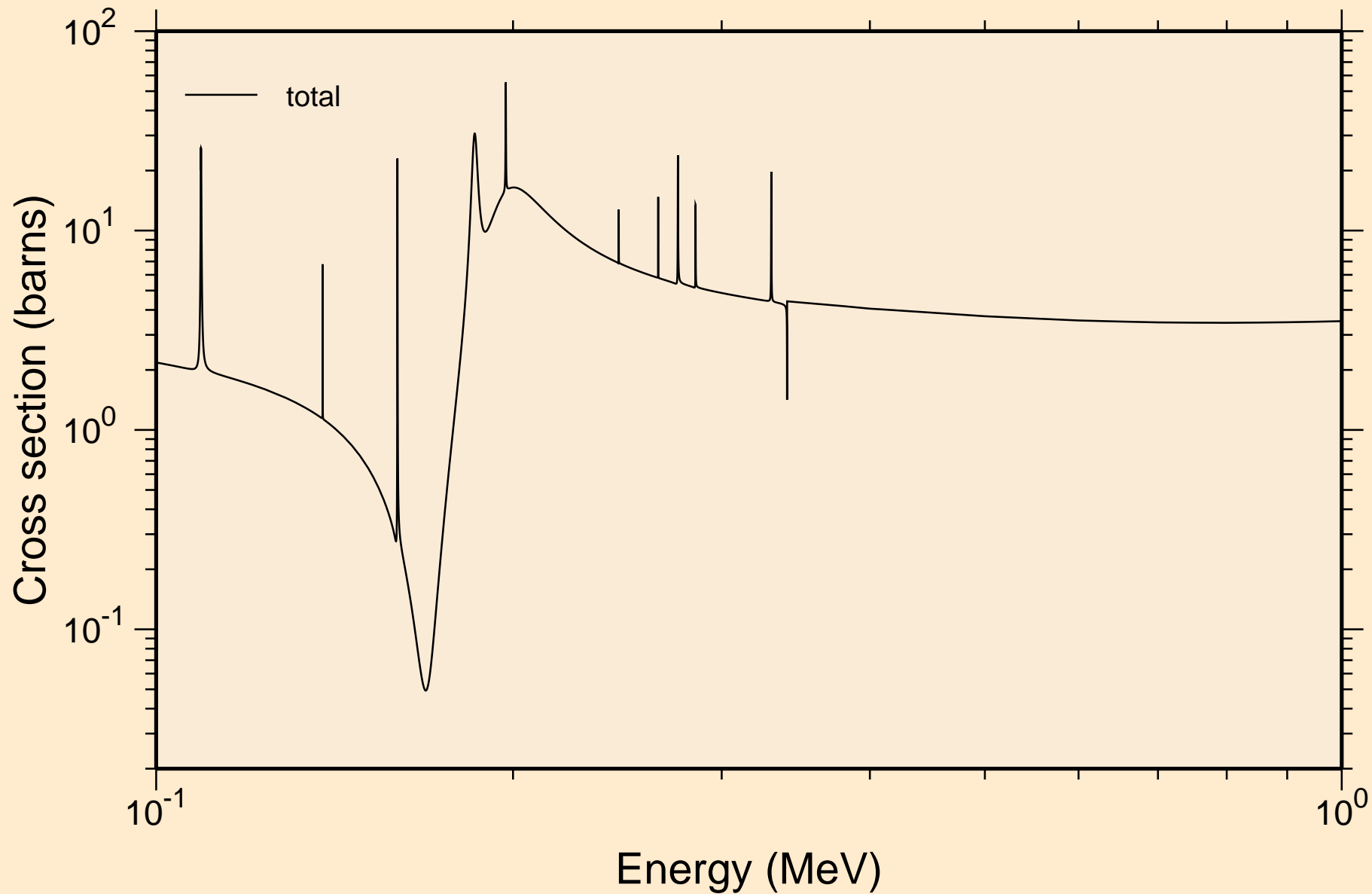
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Principal cross sections



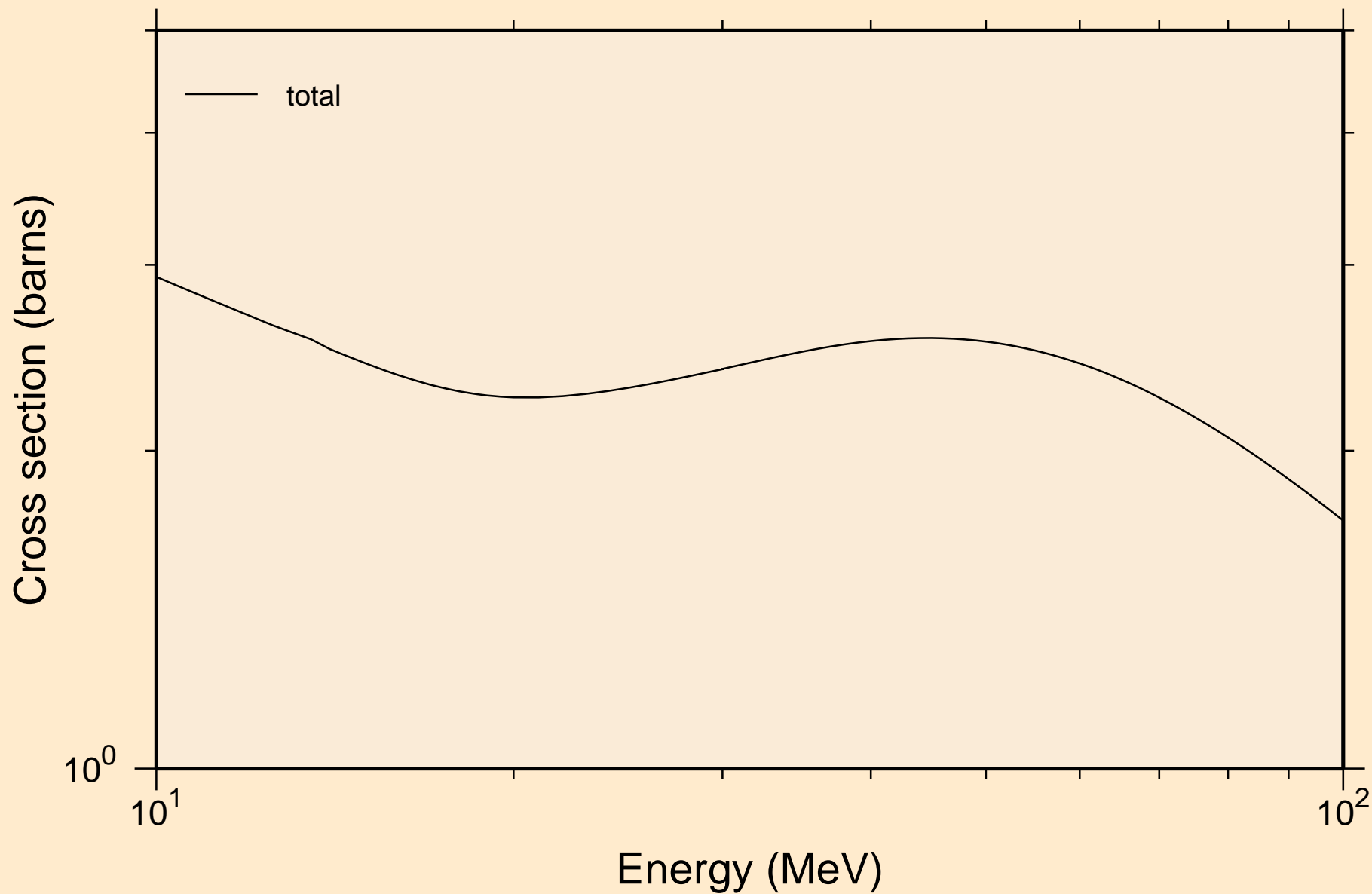
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resonance total cross section



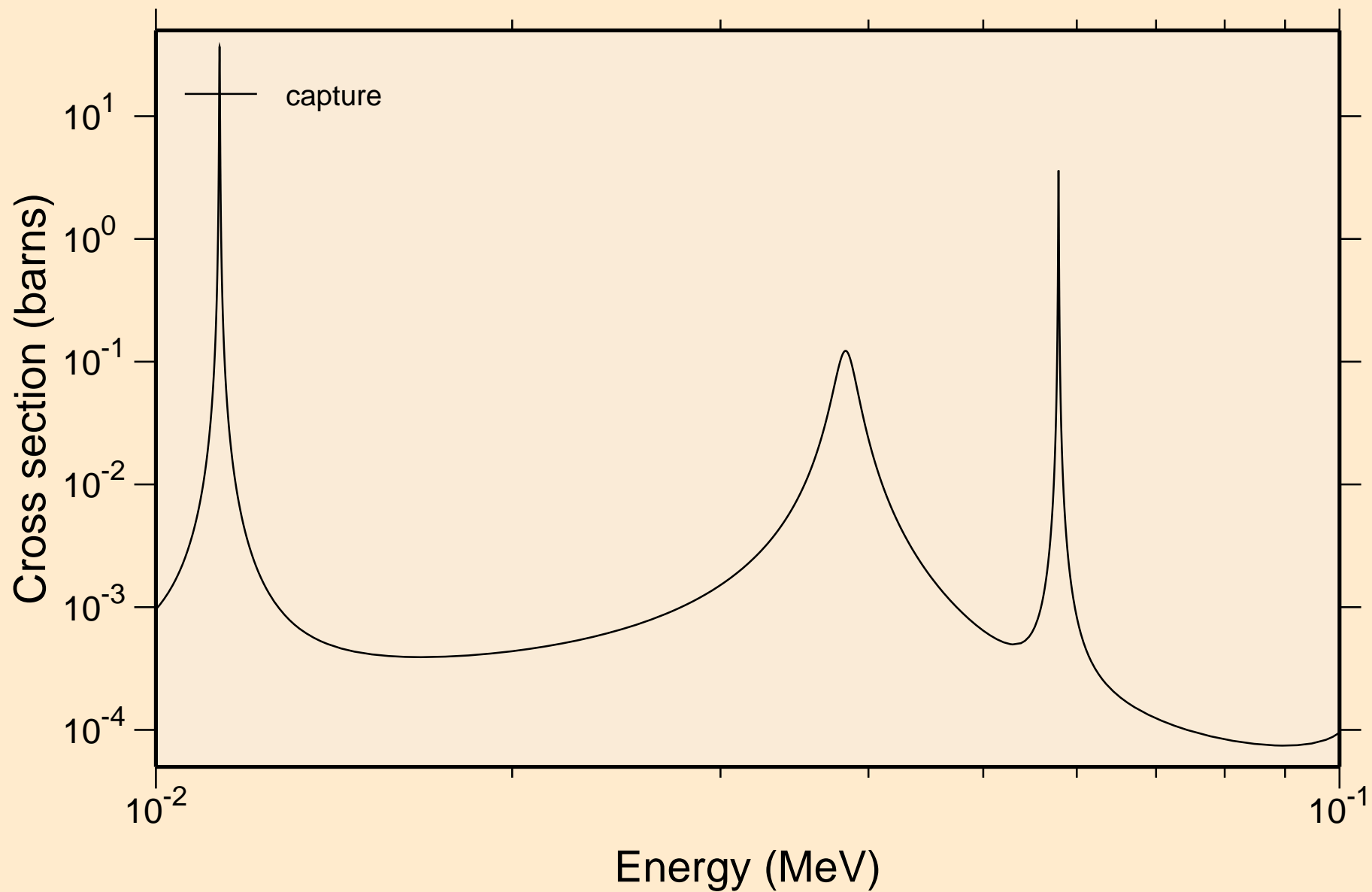
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resonance total cross section



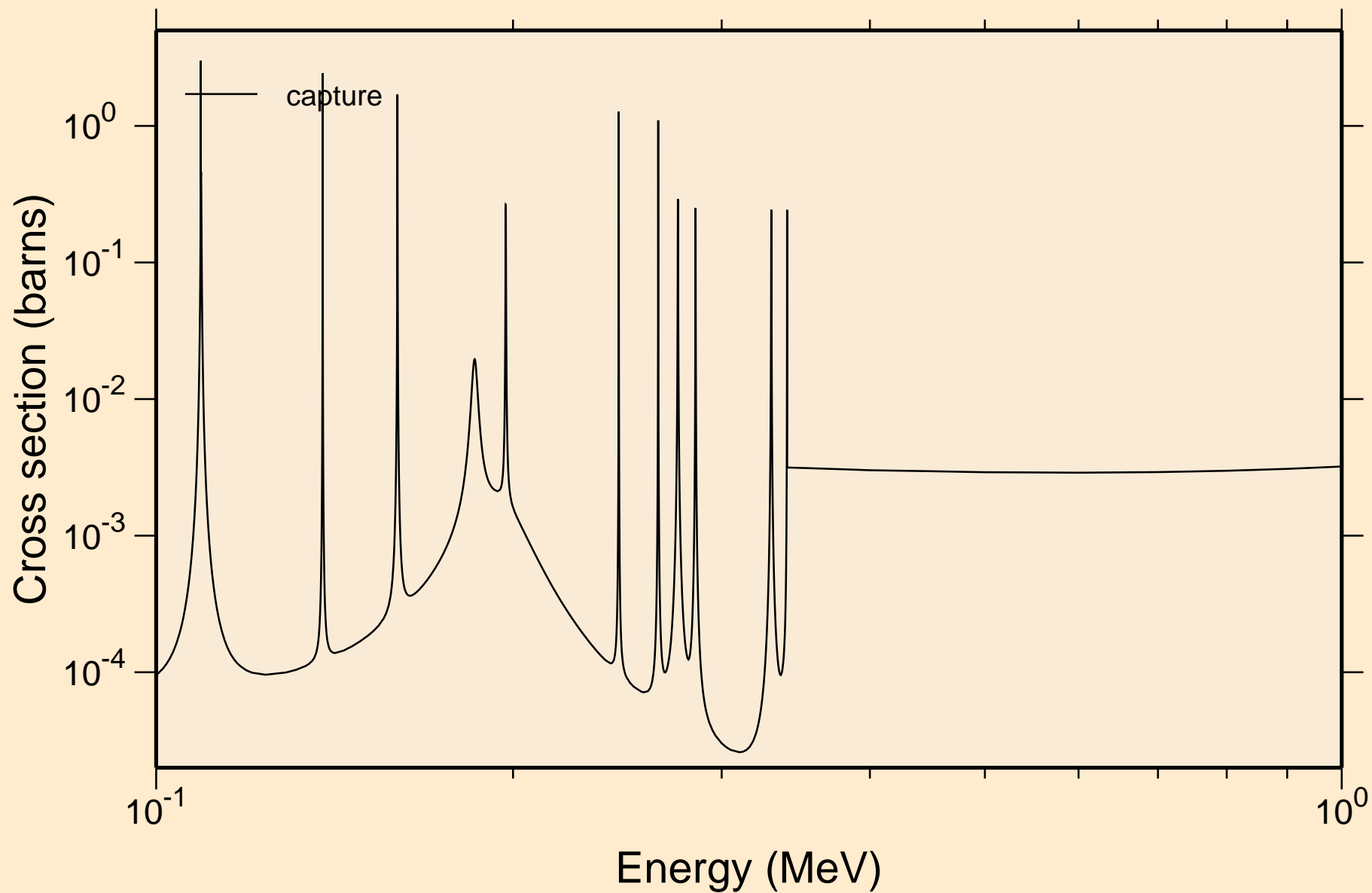
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resonance total cross section



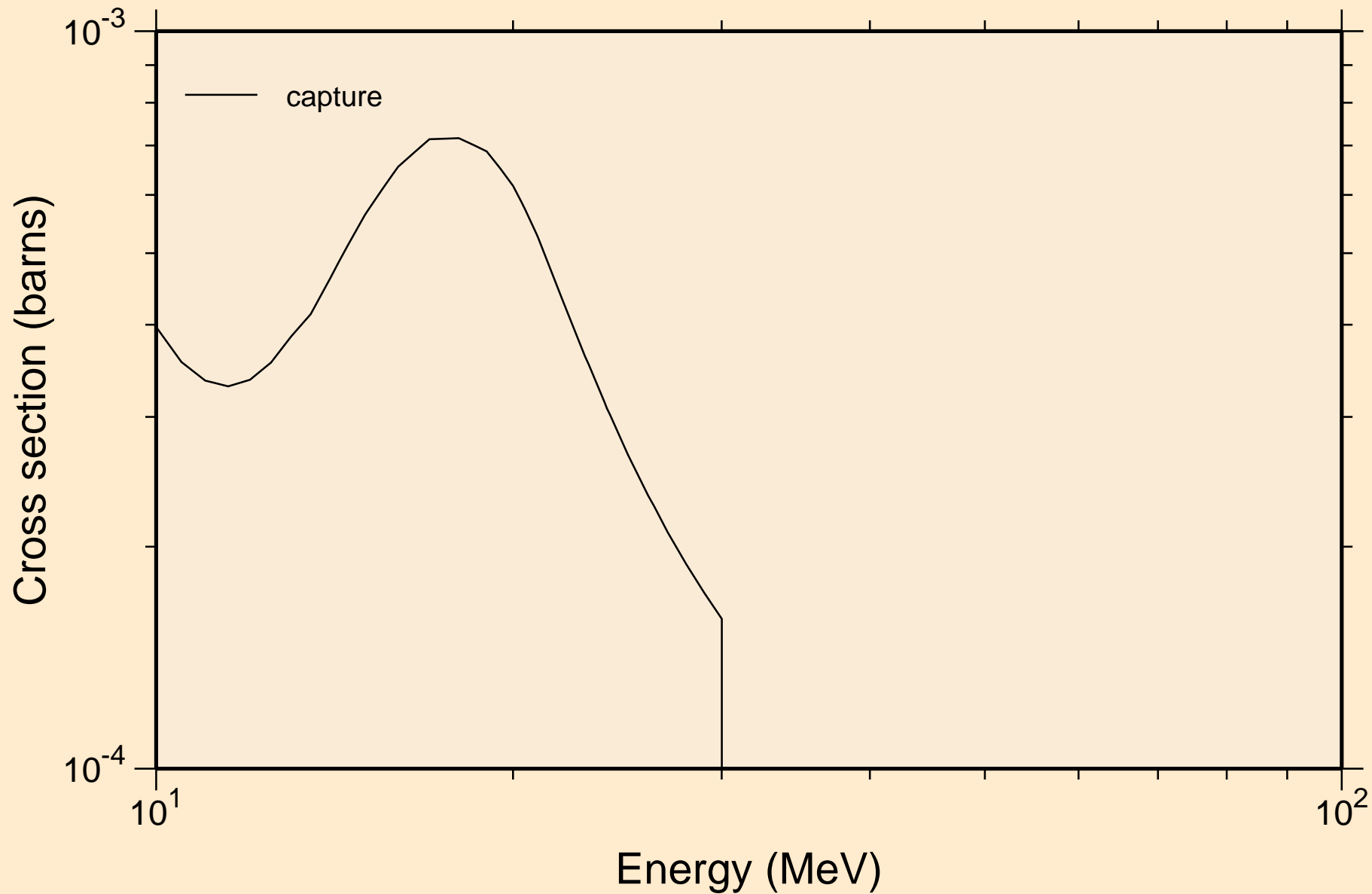
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resonance absorption cross sections



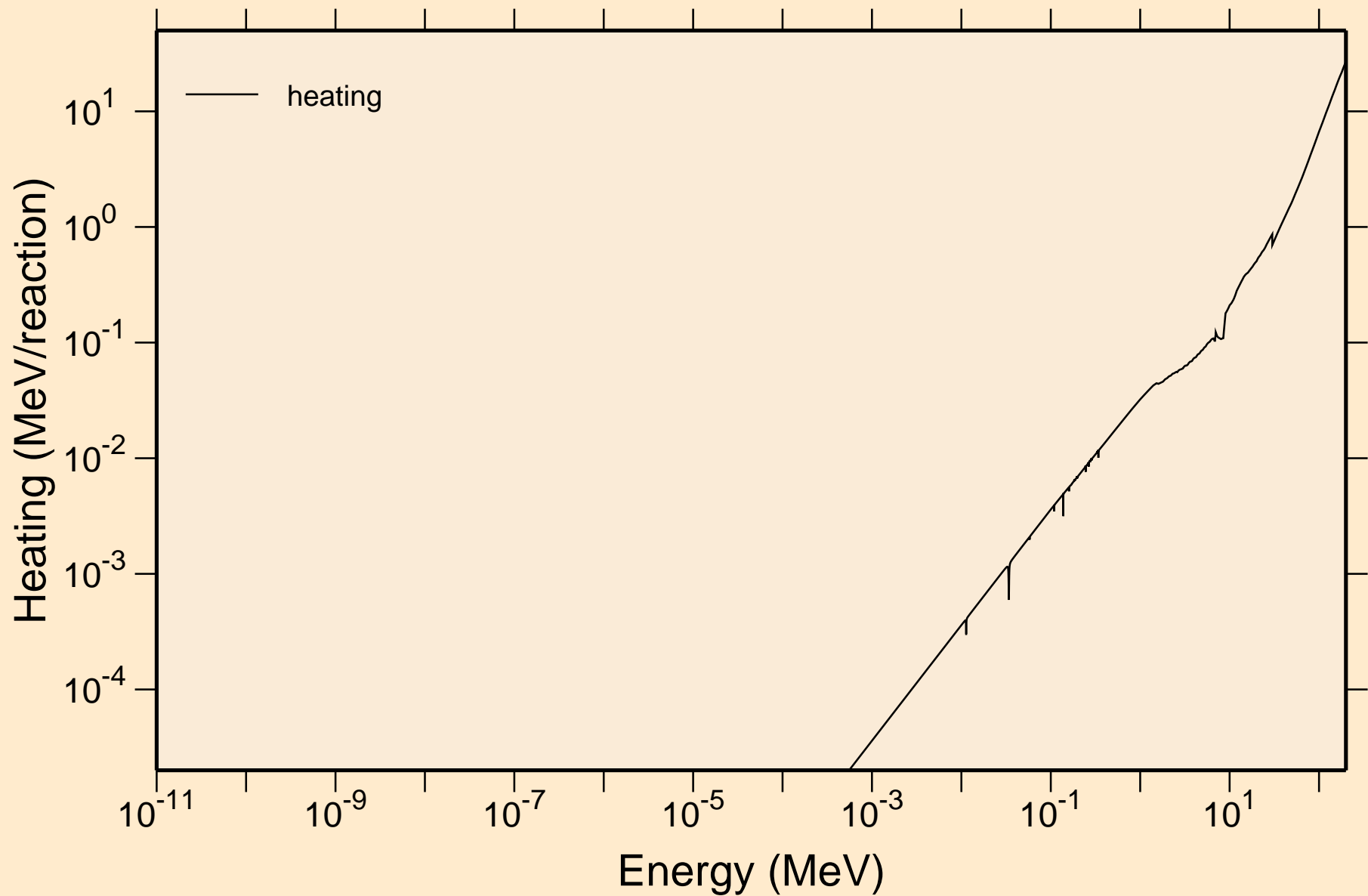
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resonance absorption cross sections



TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

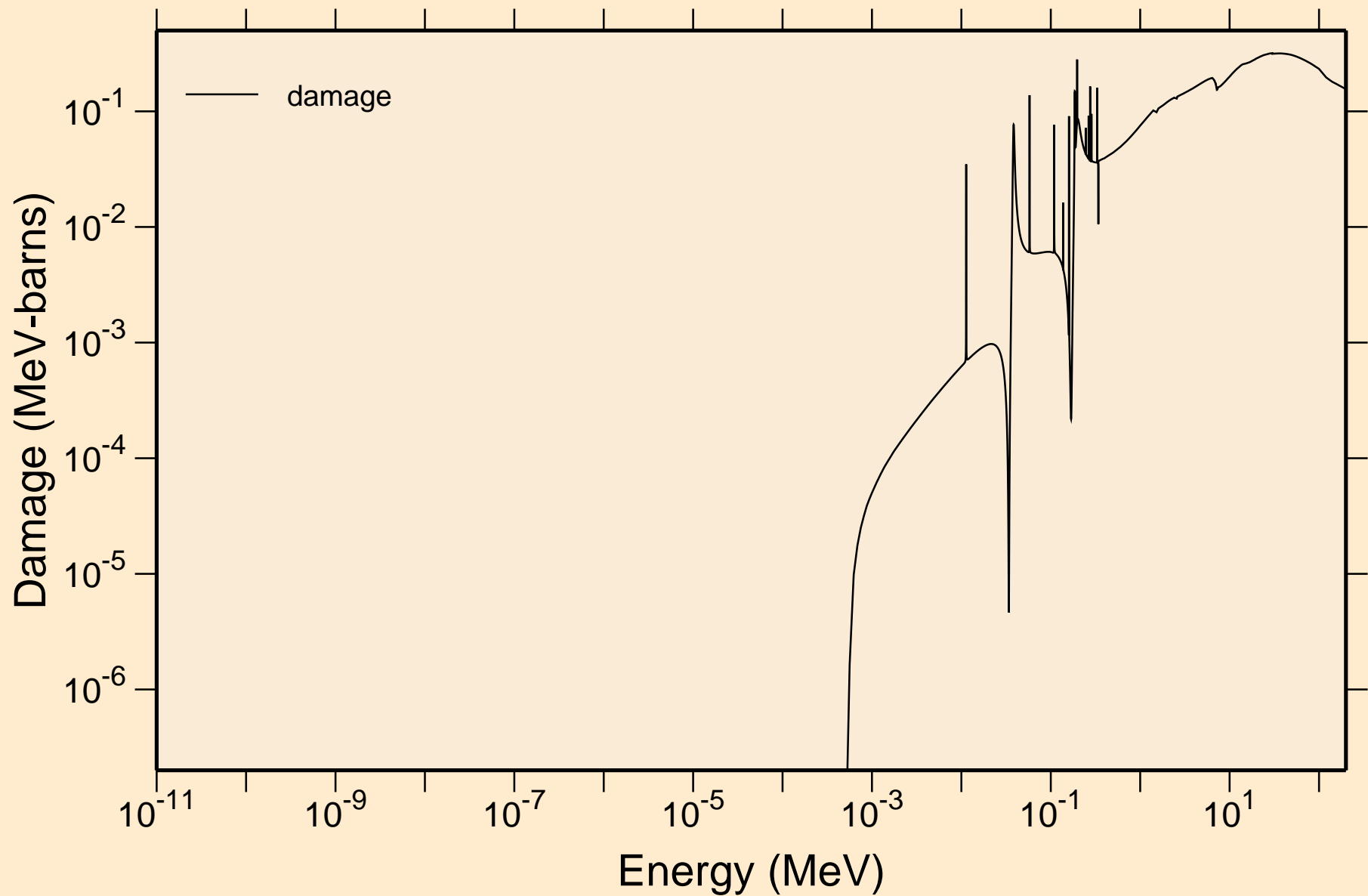


TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating

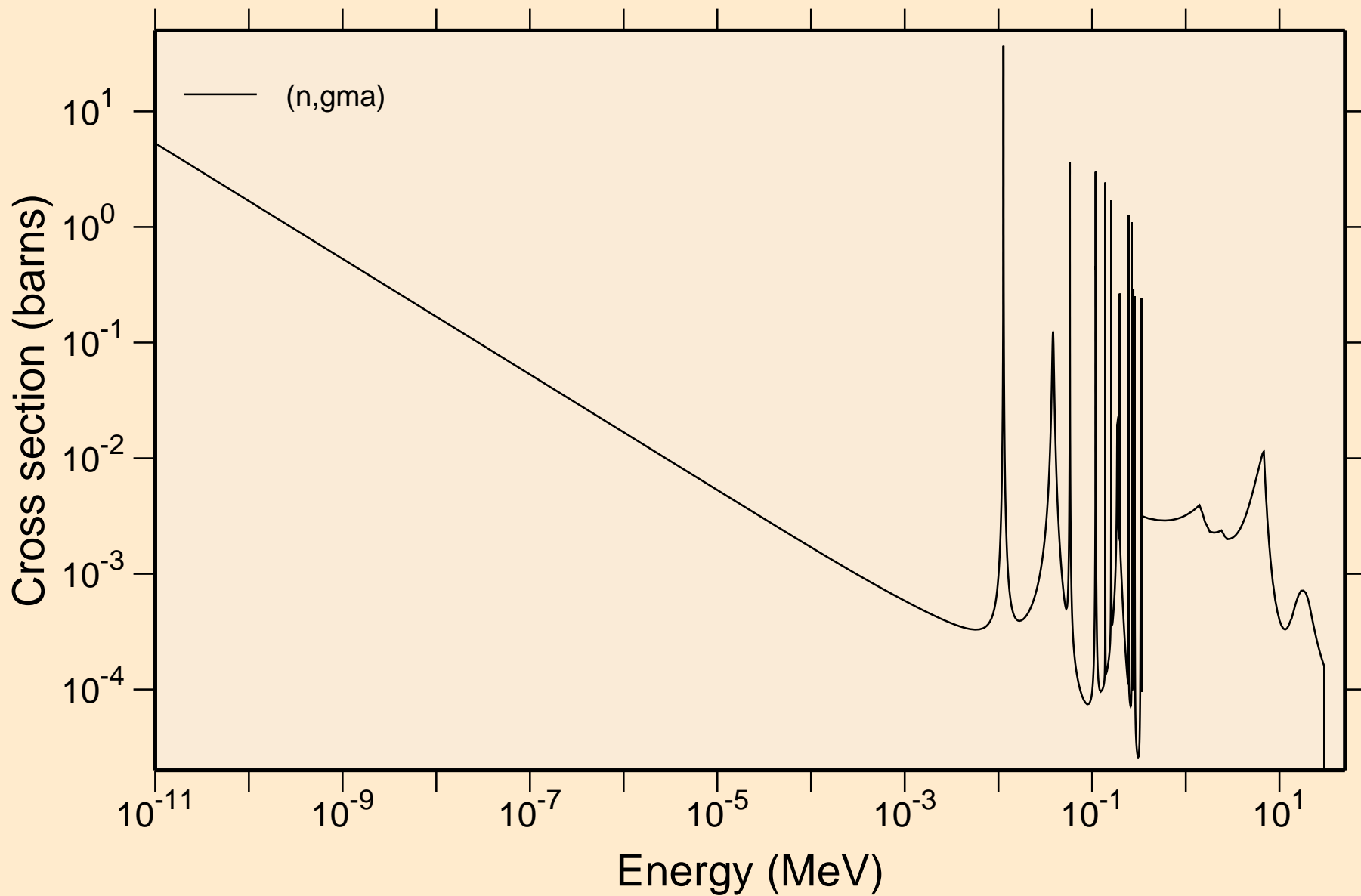




TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

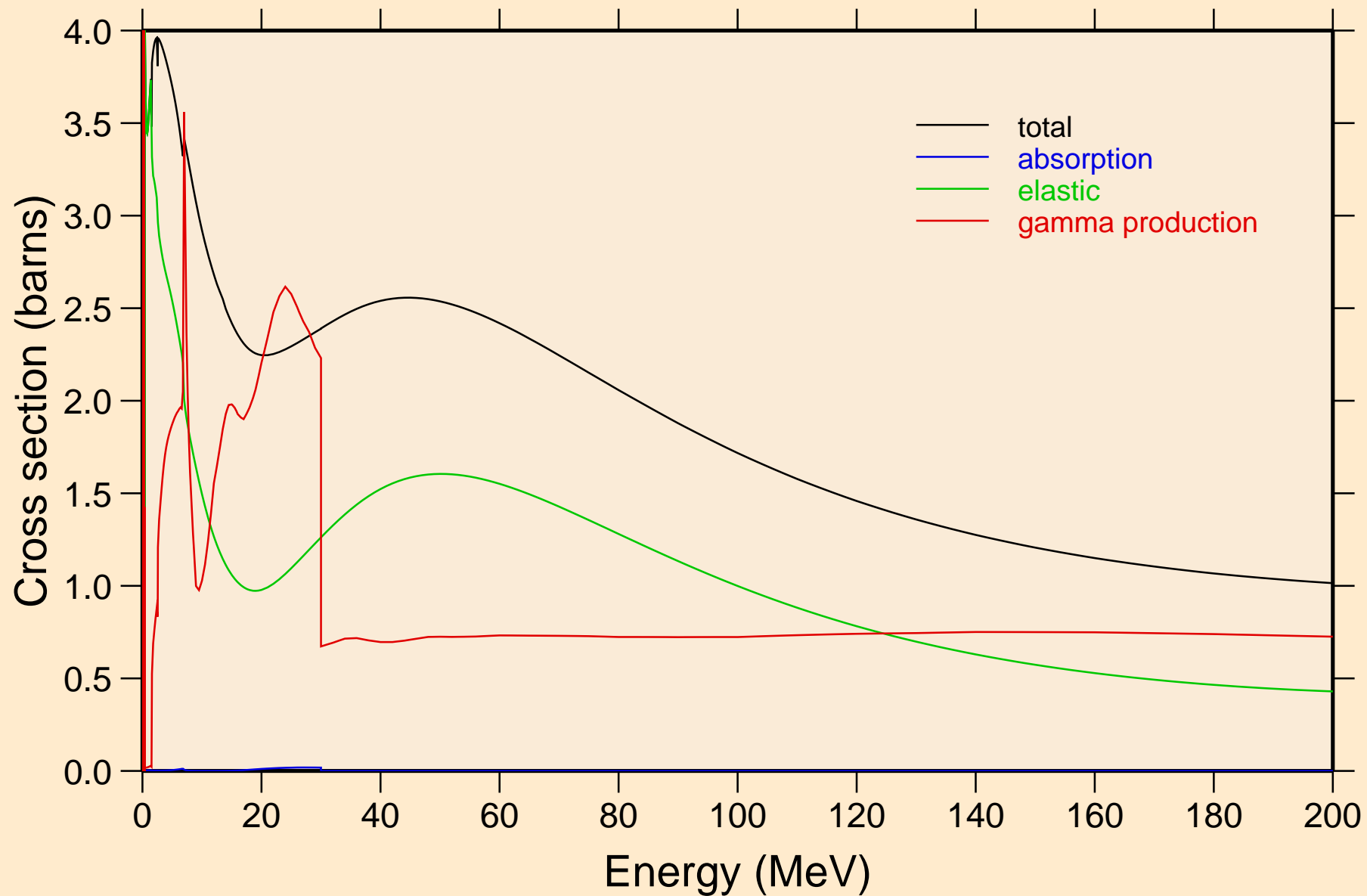


TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

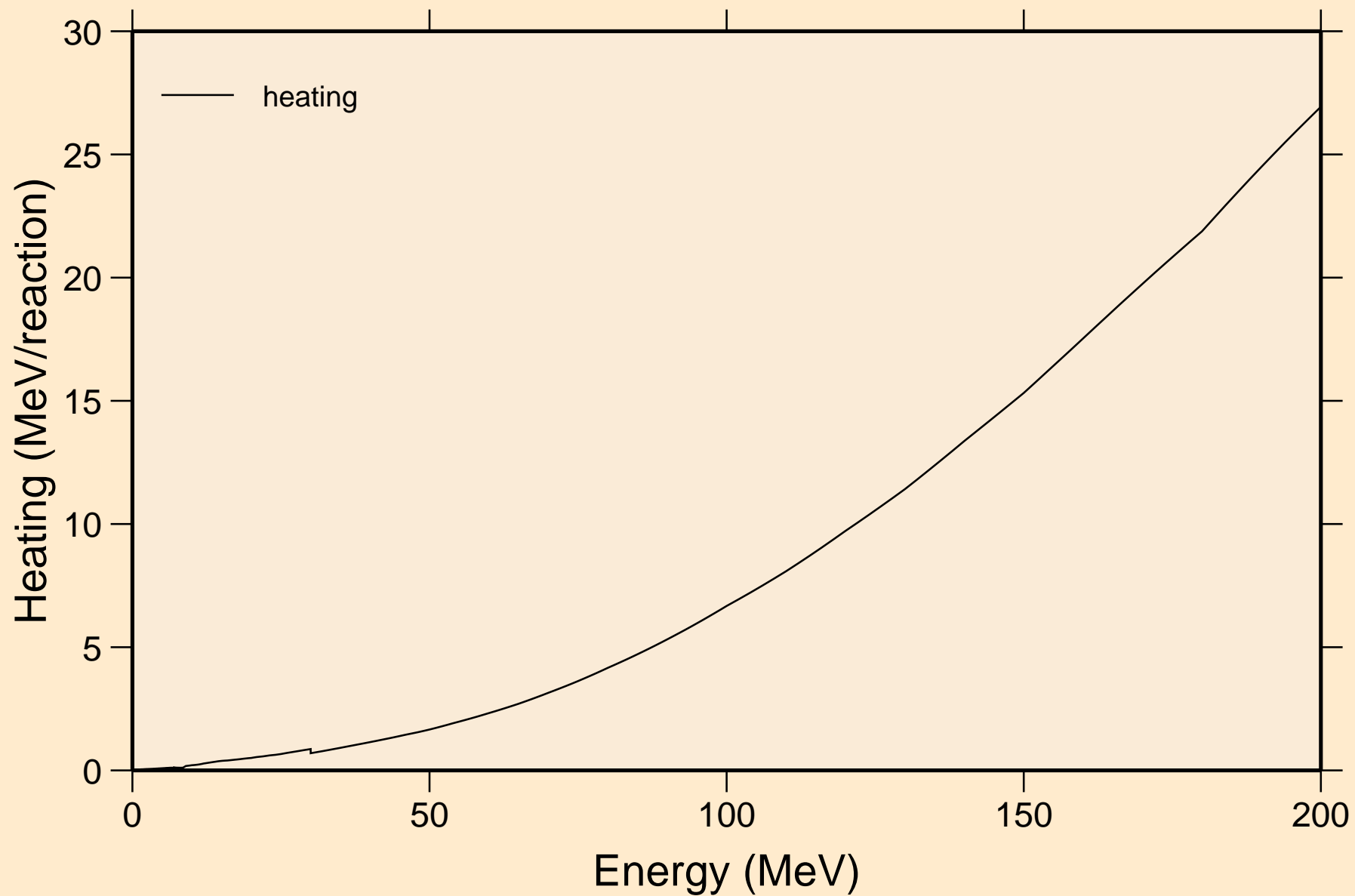


# TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

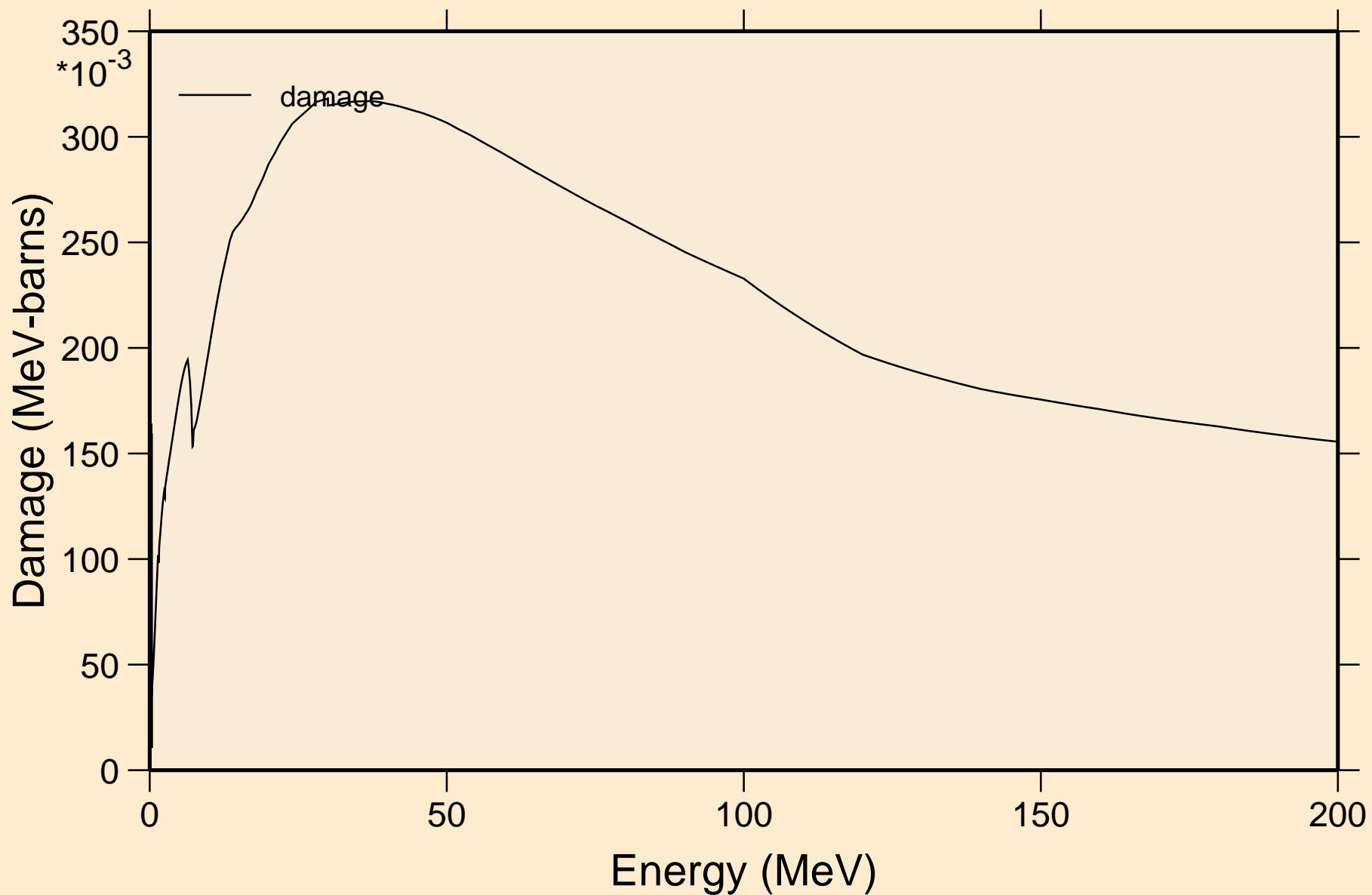
## Principal cross sections



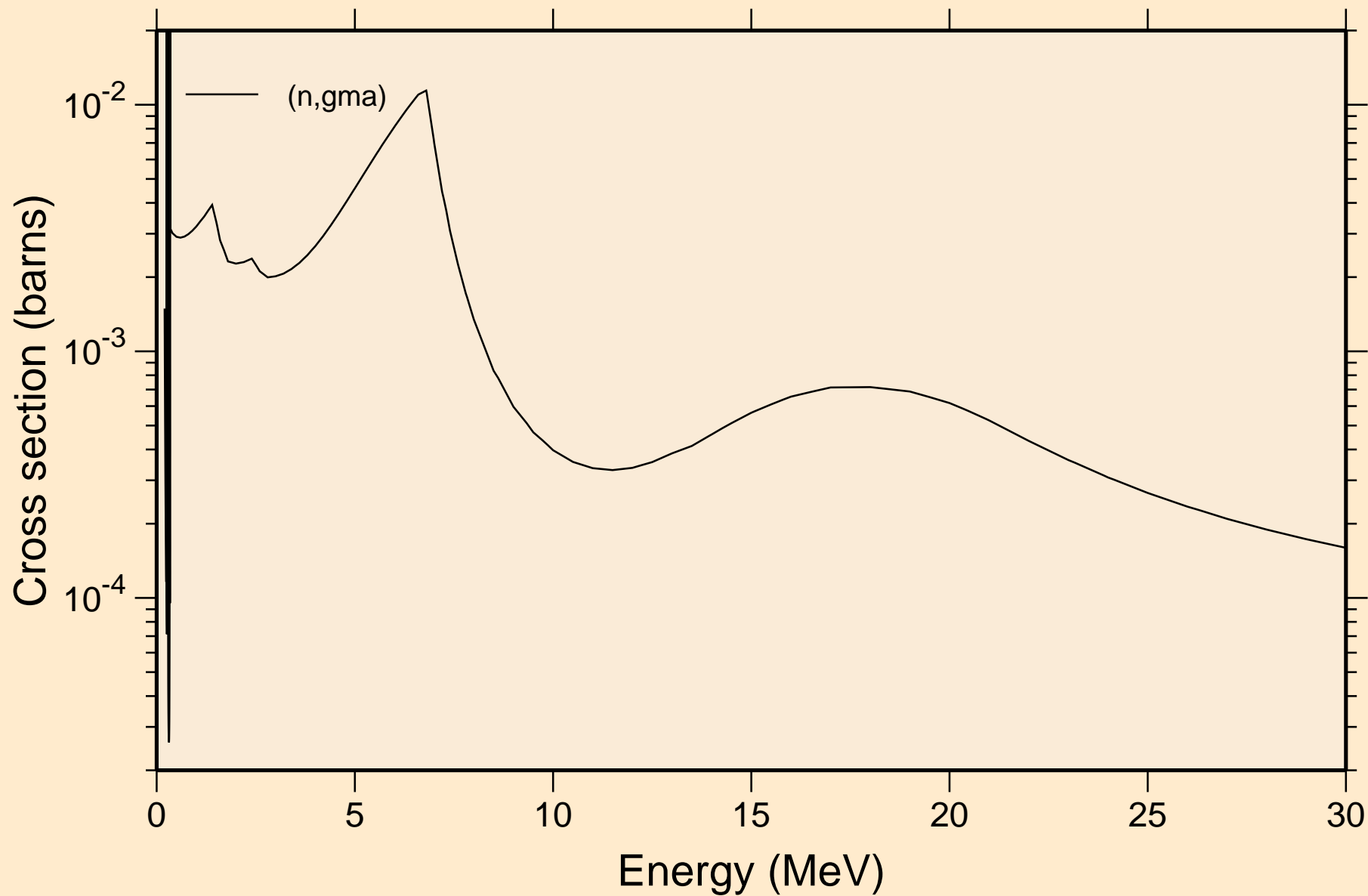
TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



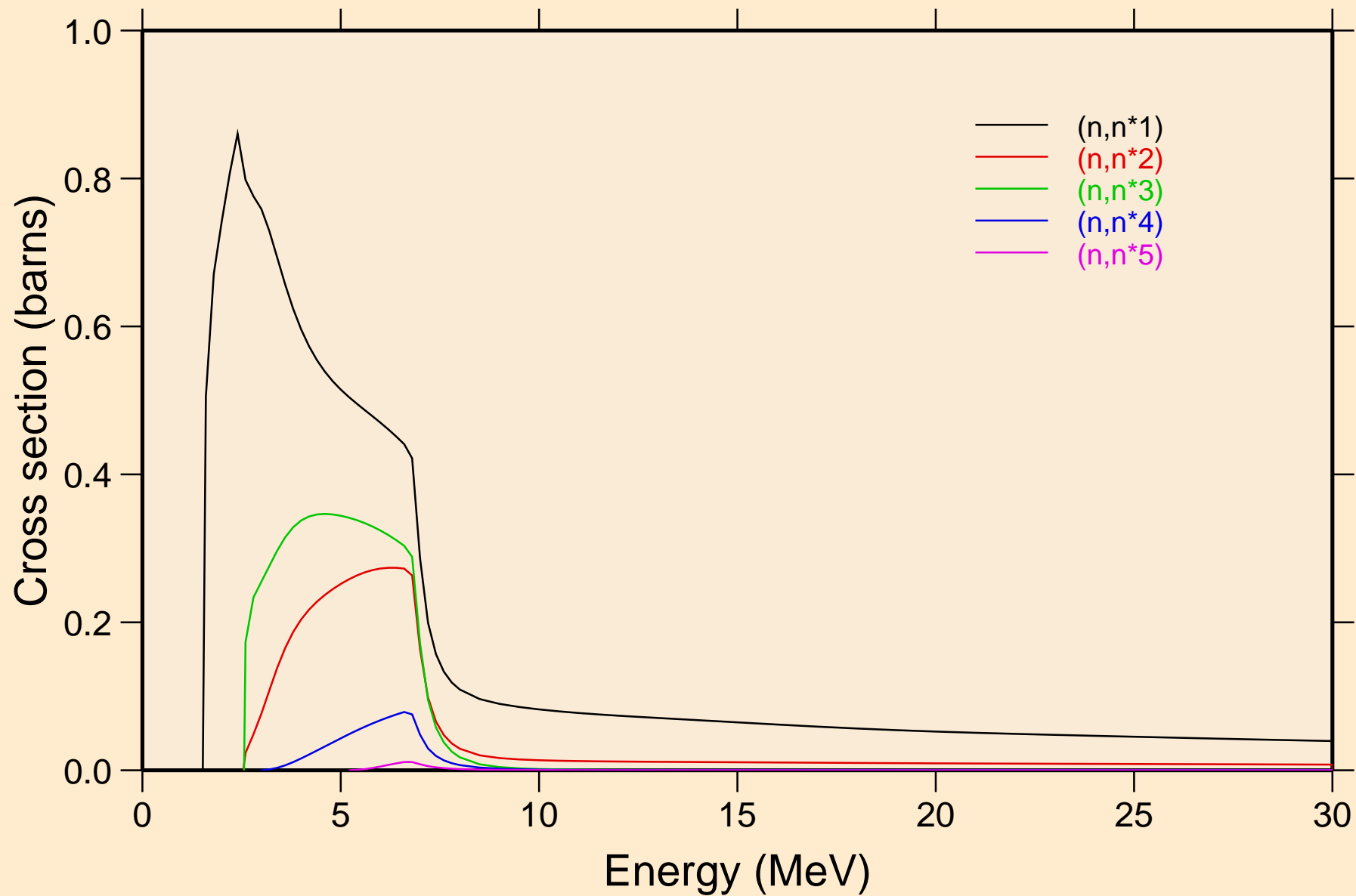
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Damage



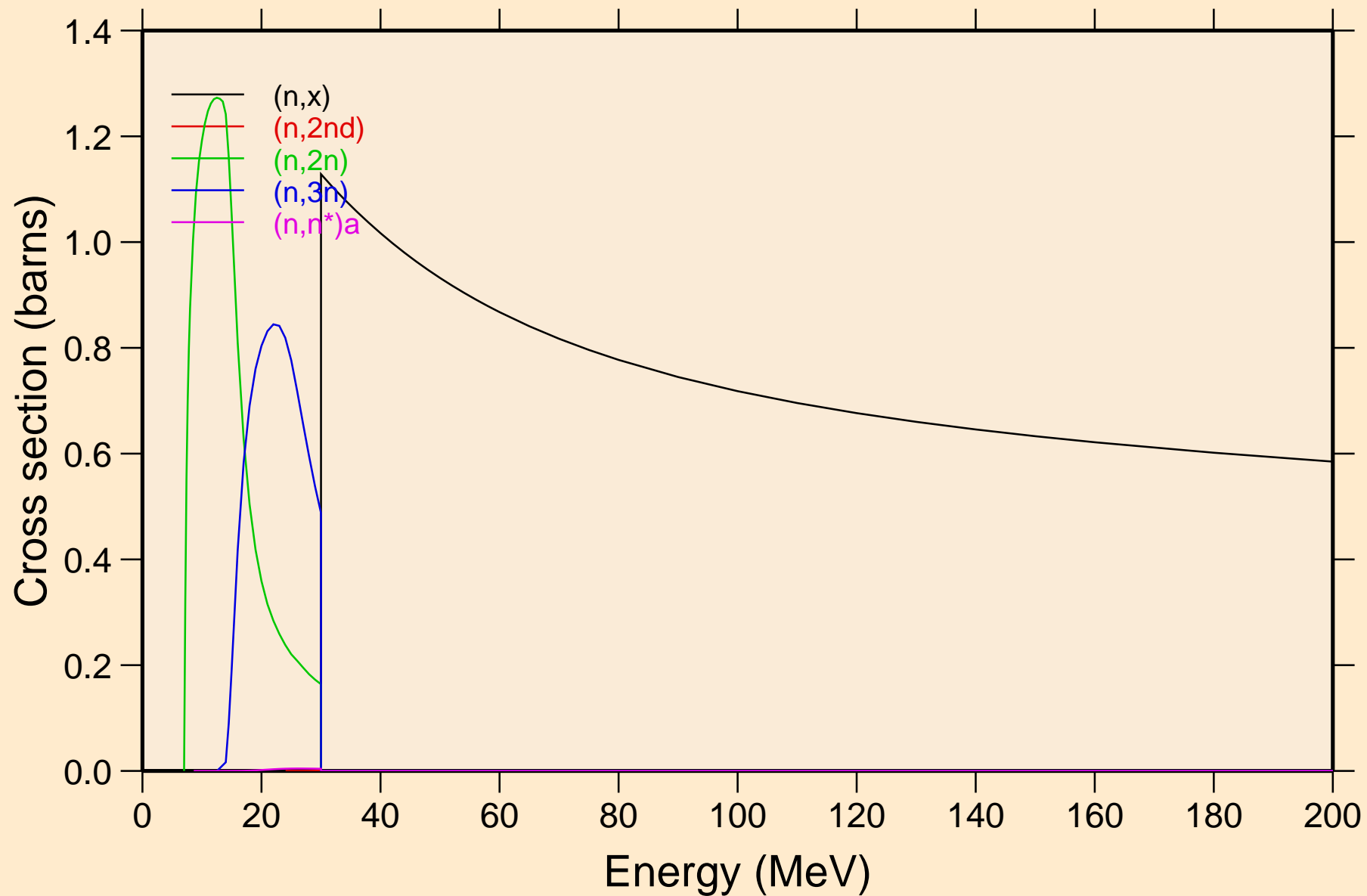
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Non-threshold reactions



TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

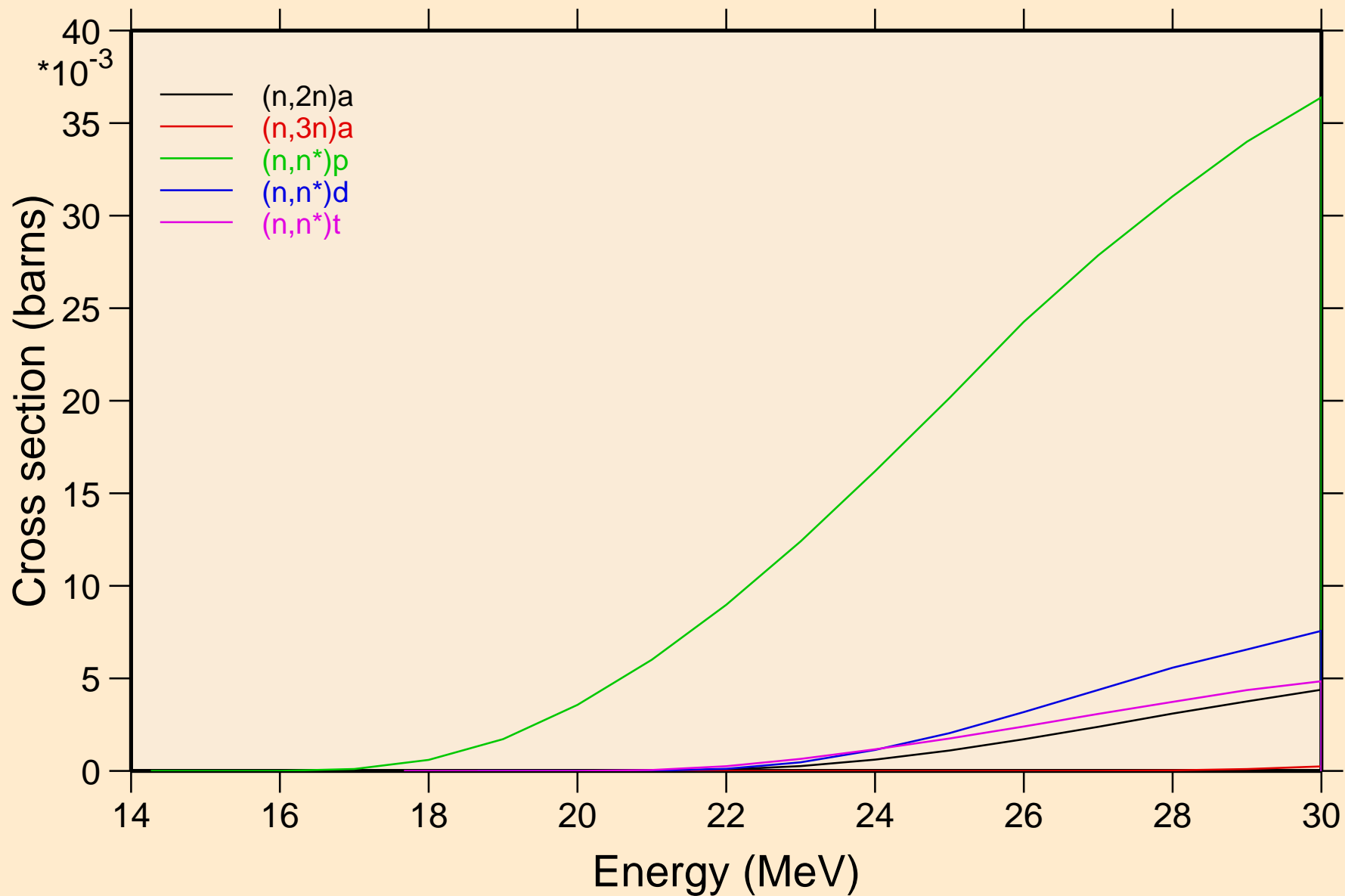


TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

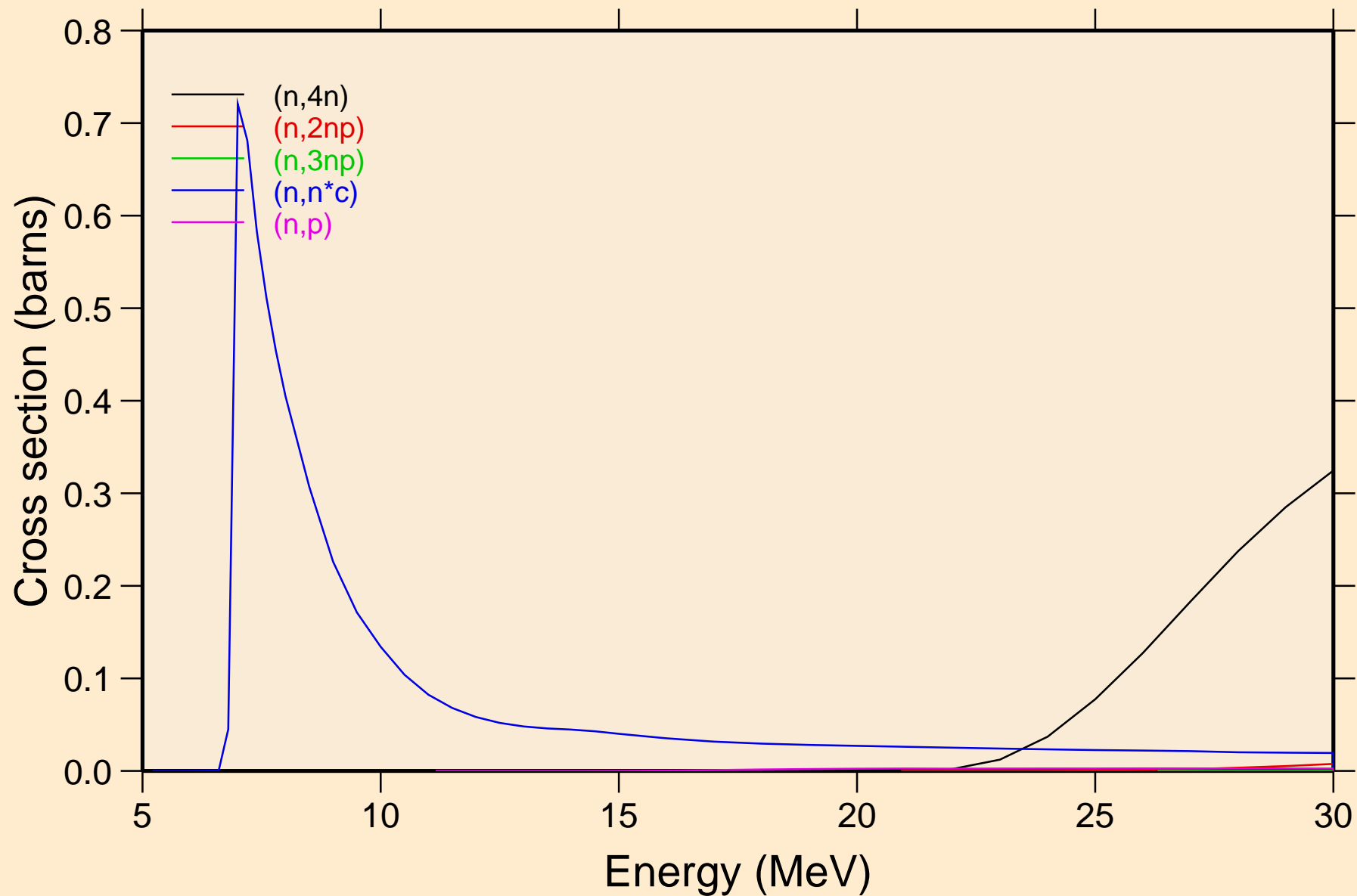




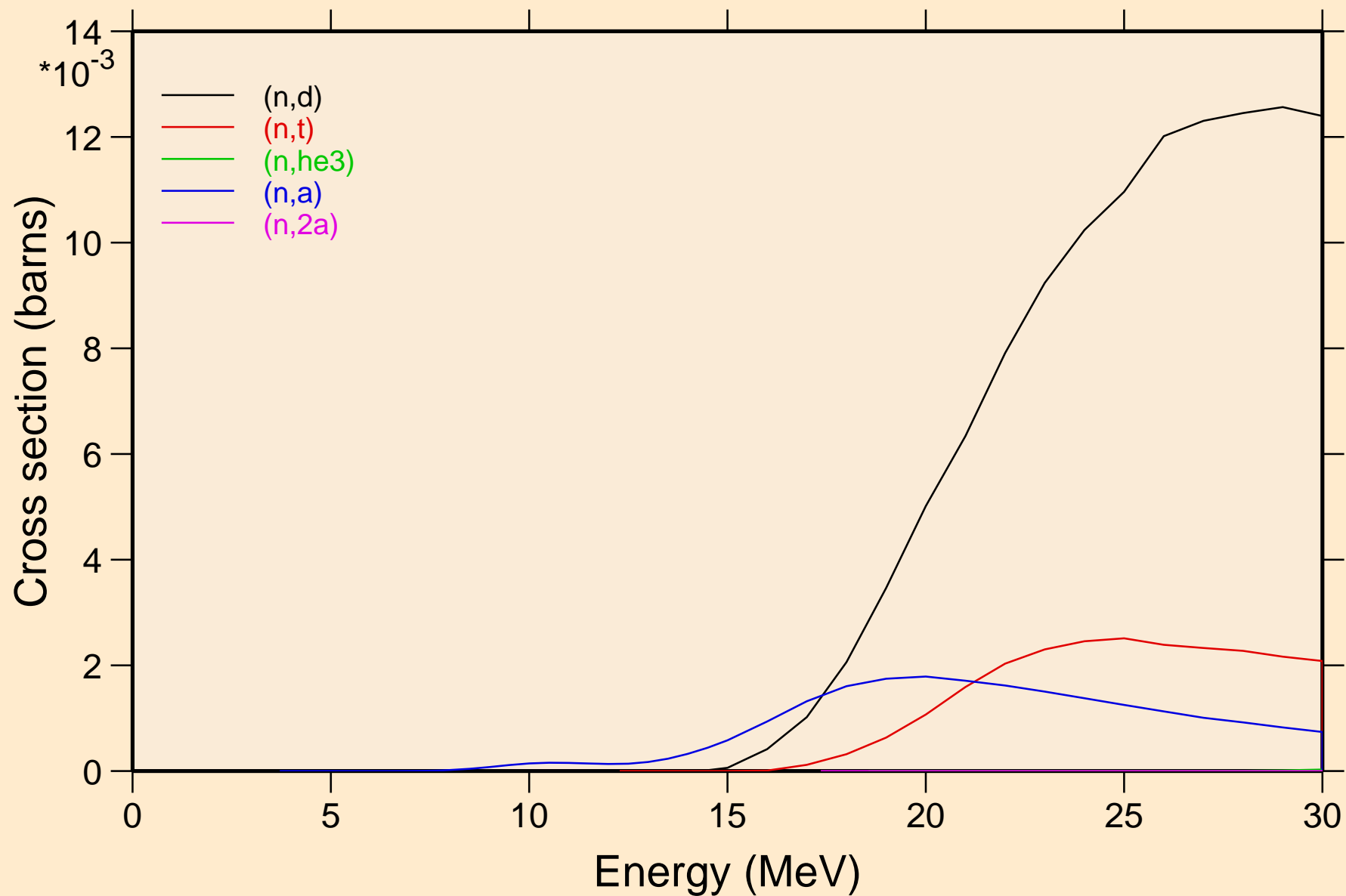
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Threshold reactions



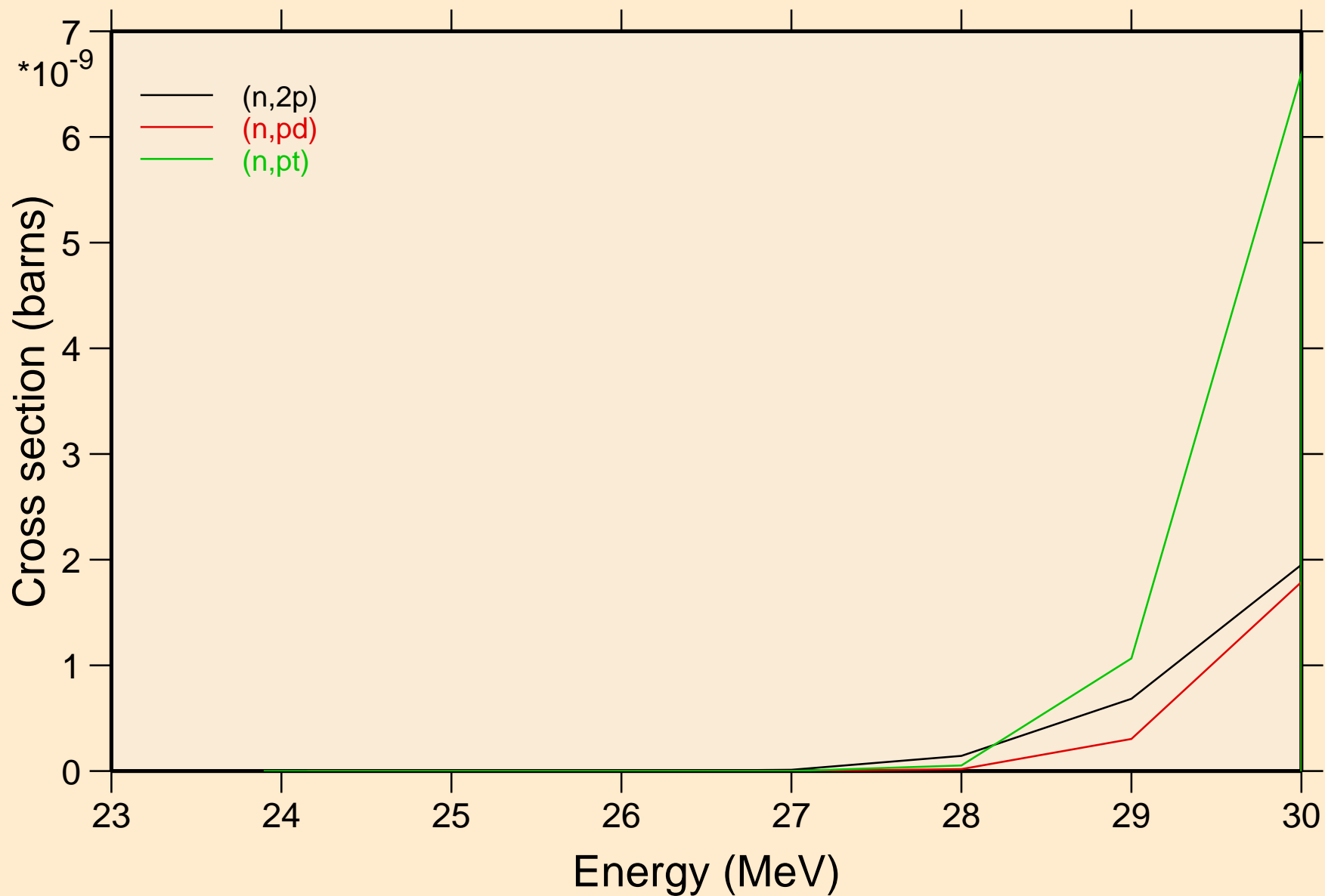
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Threshold reactions



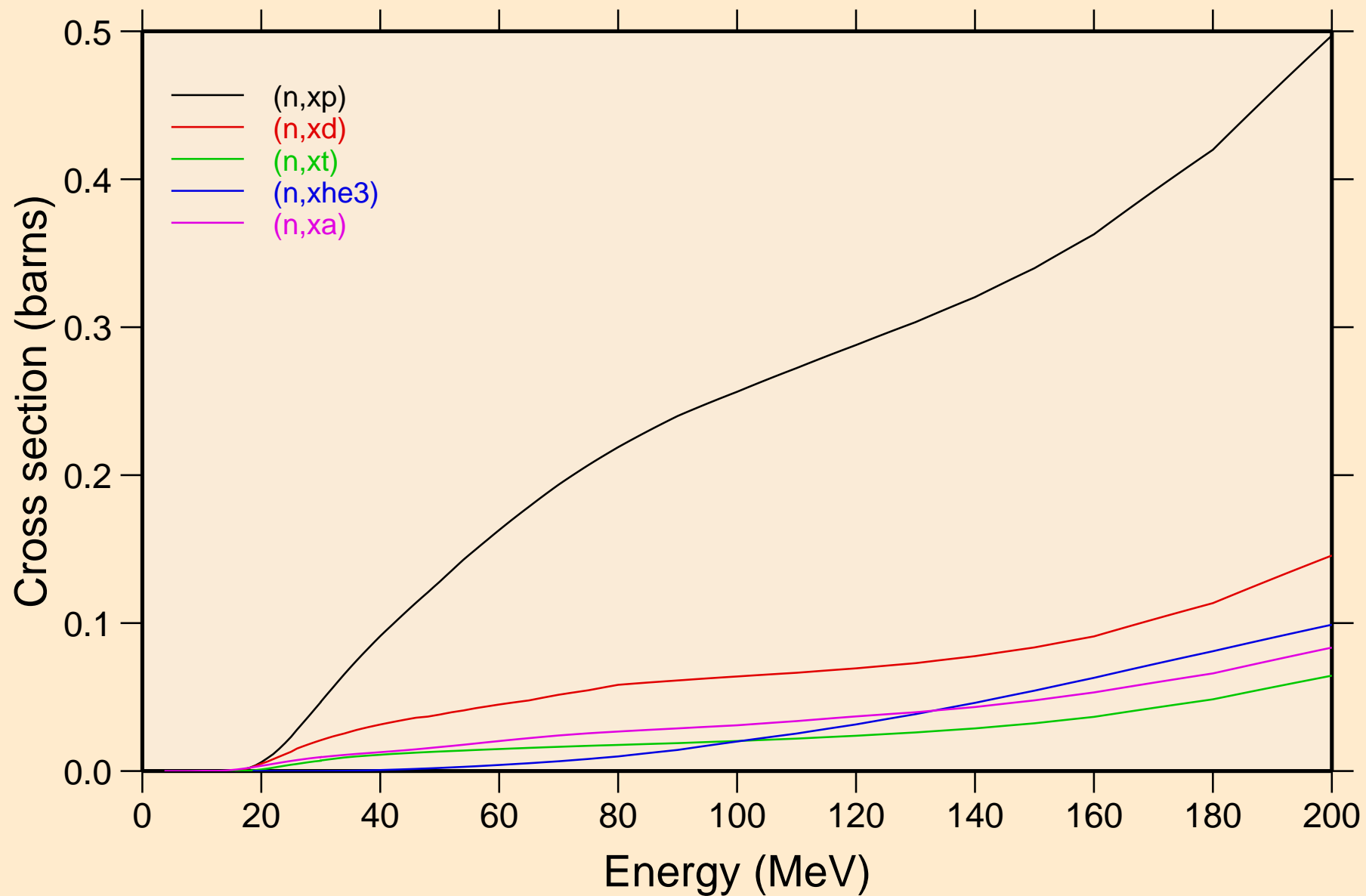
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Threshold reactions



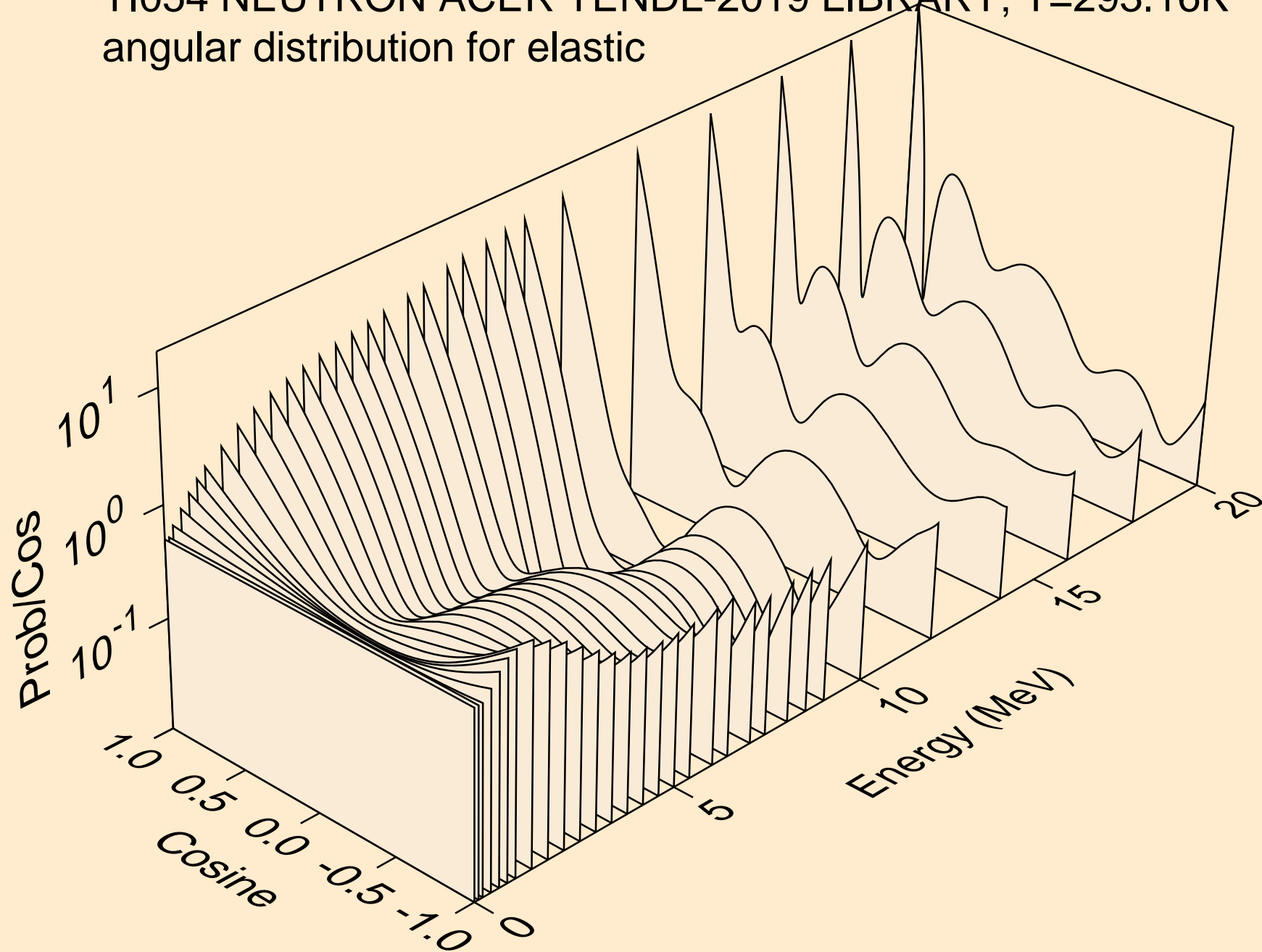
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Threshold reactions



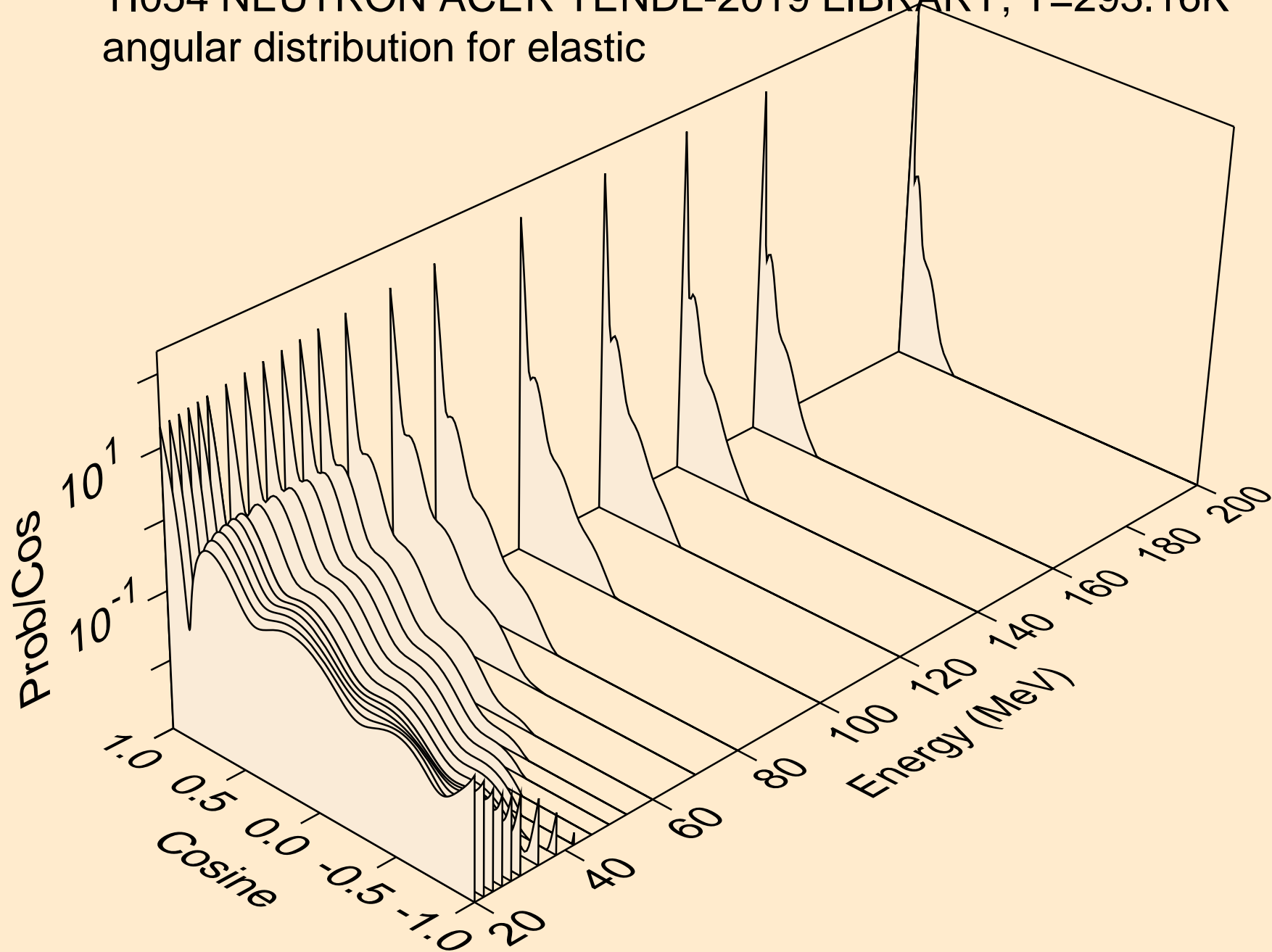
TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



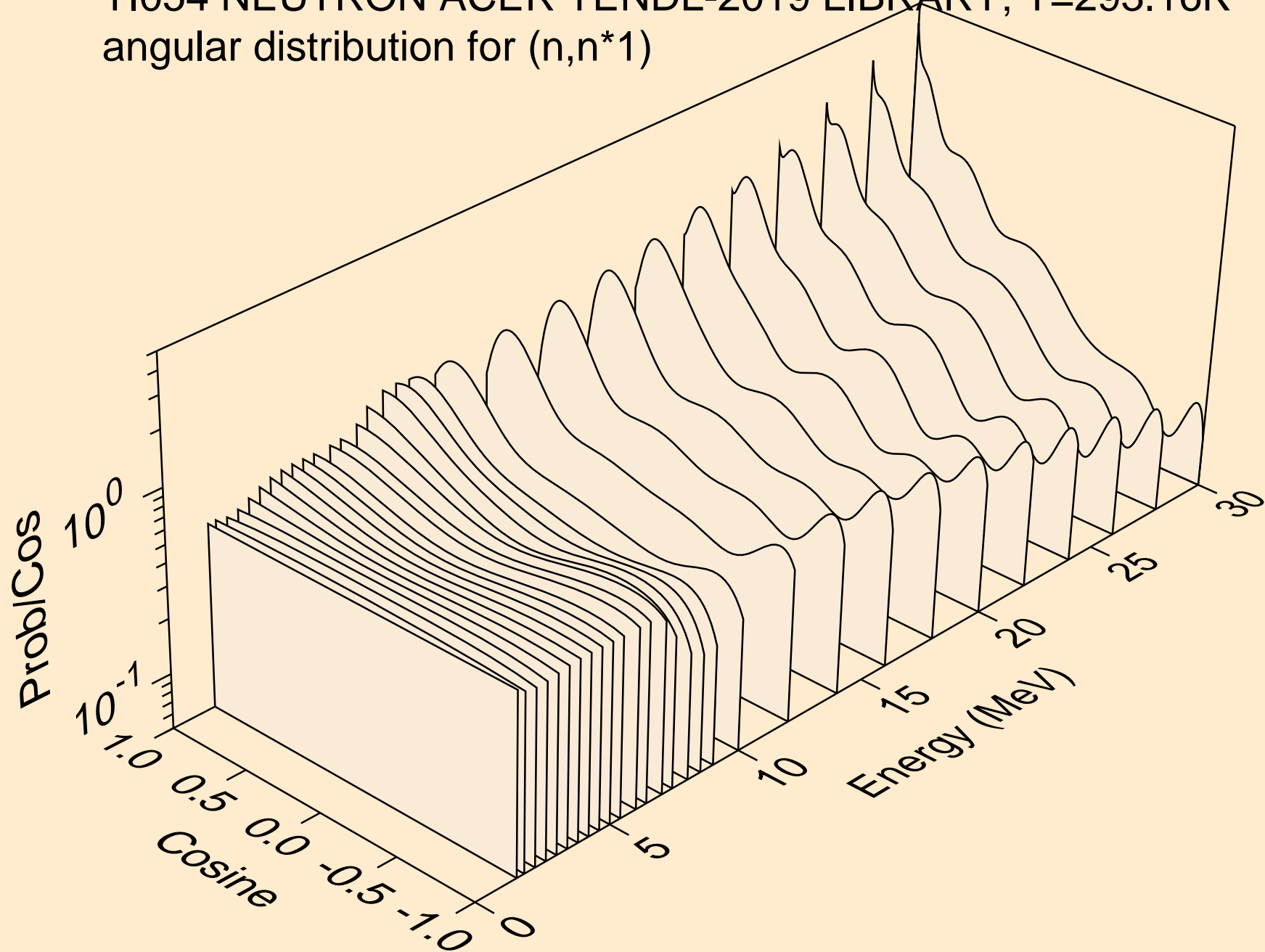
TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic

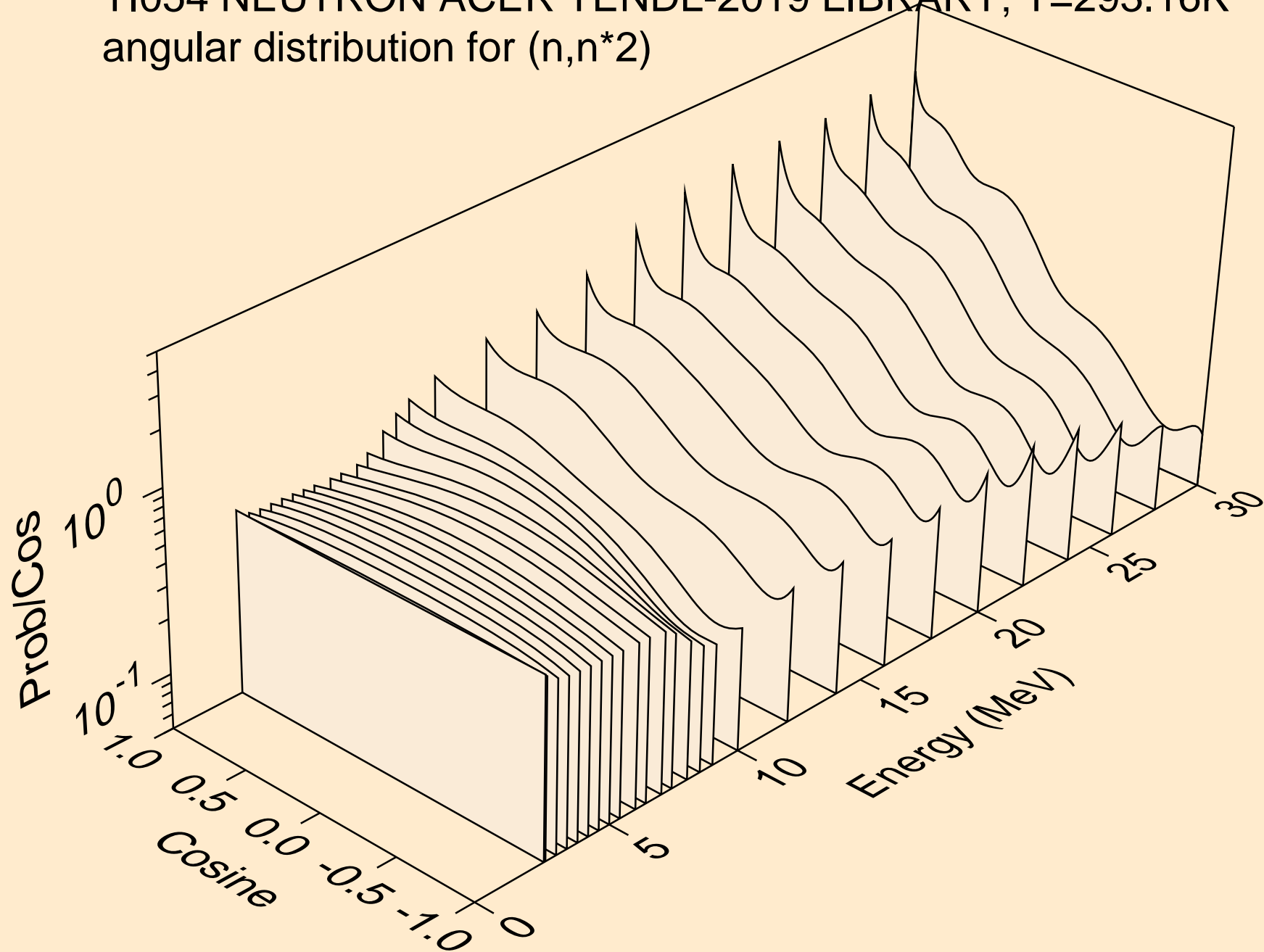


TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)

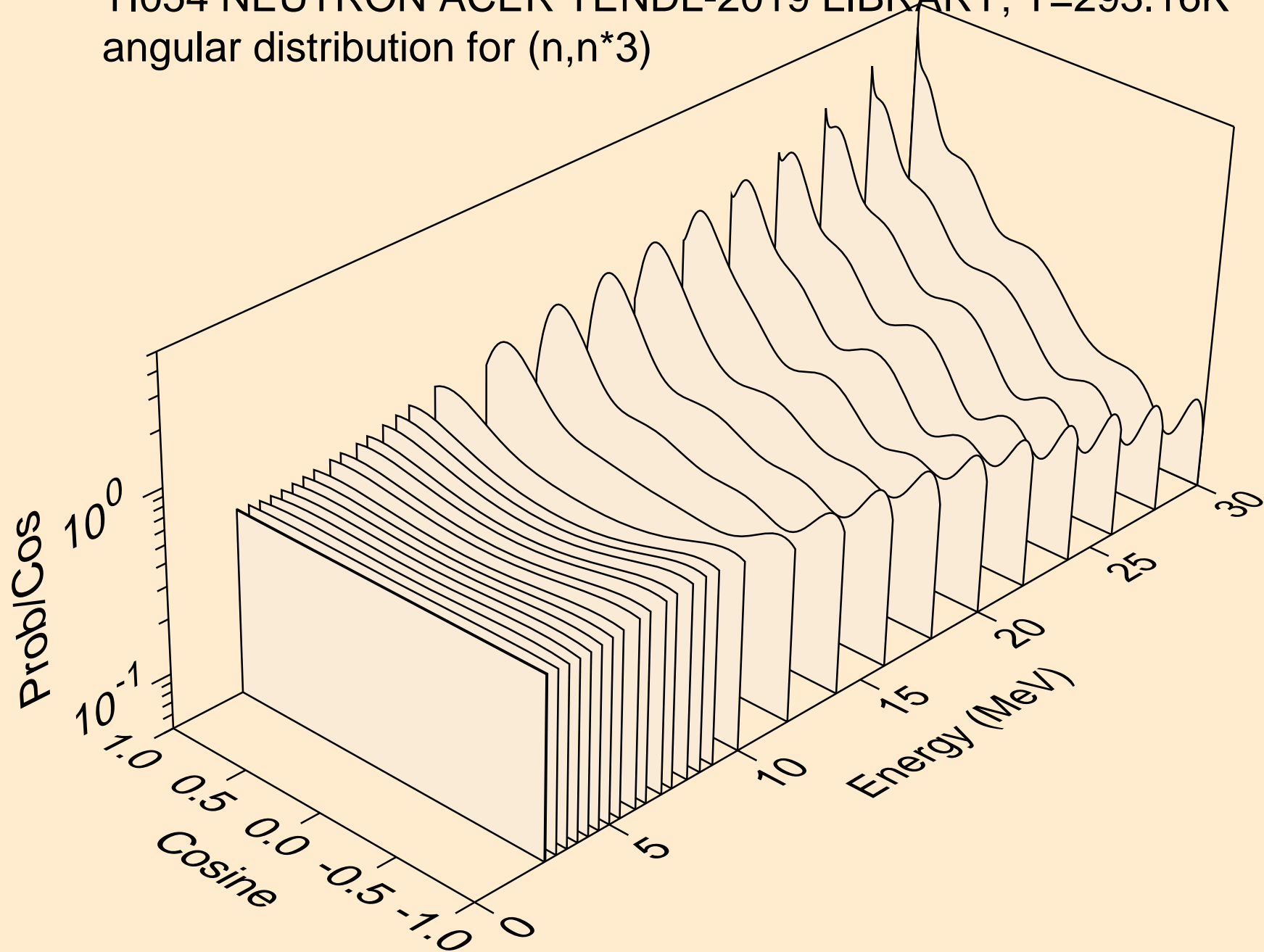




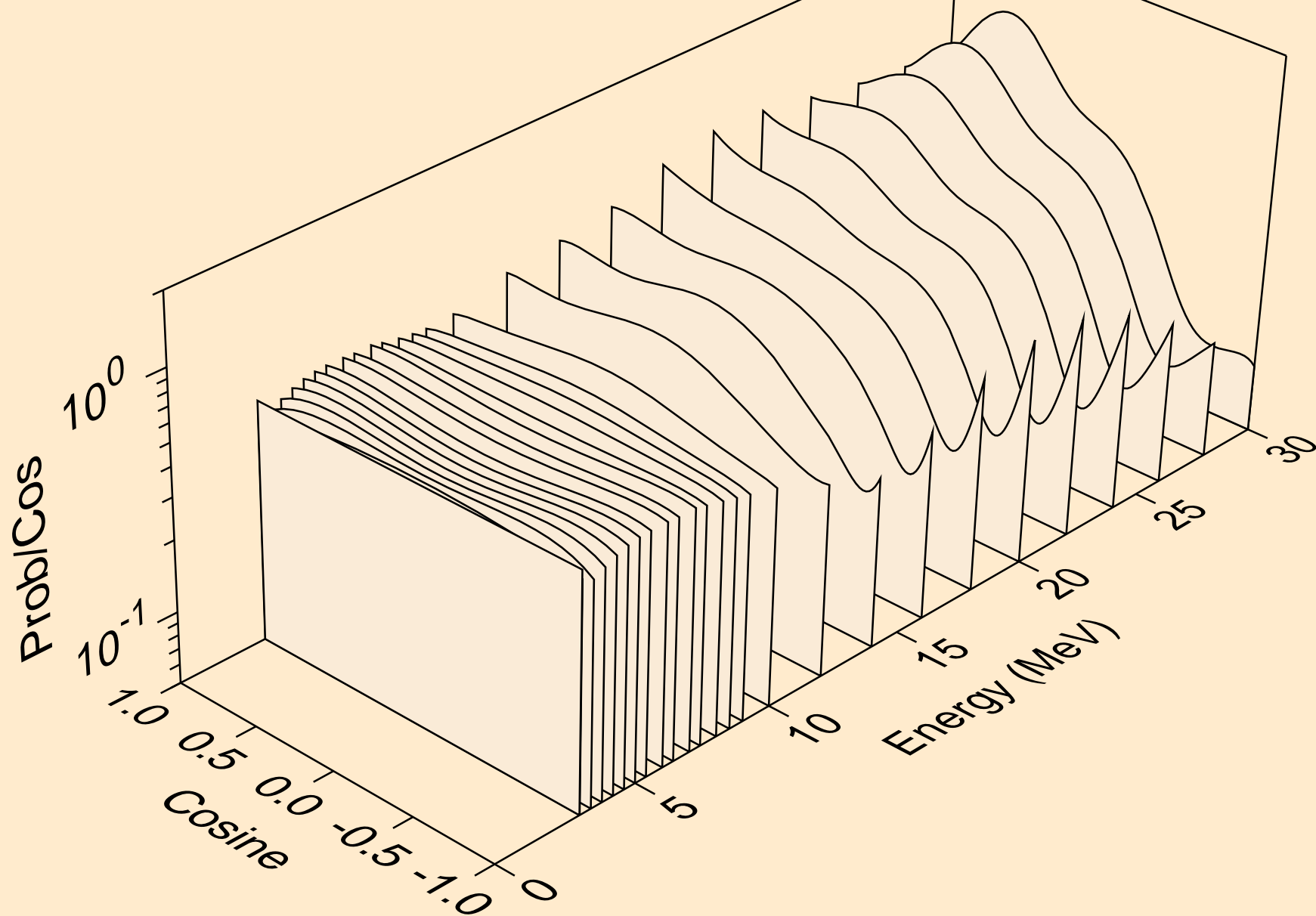
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angular distribution for (n,n\*2)



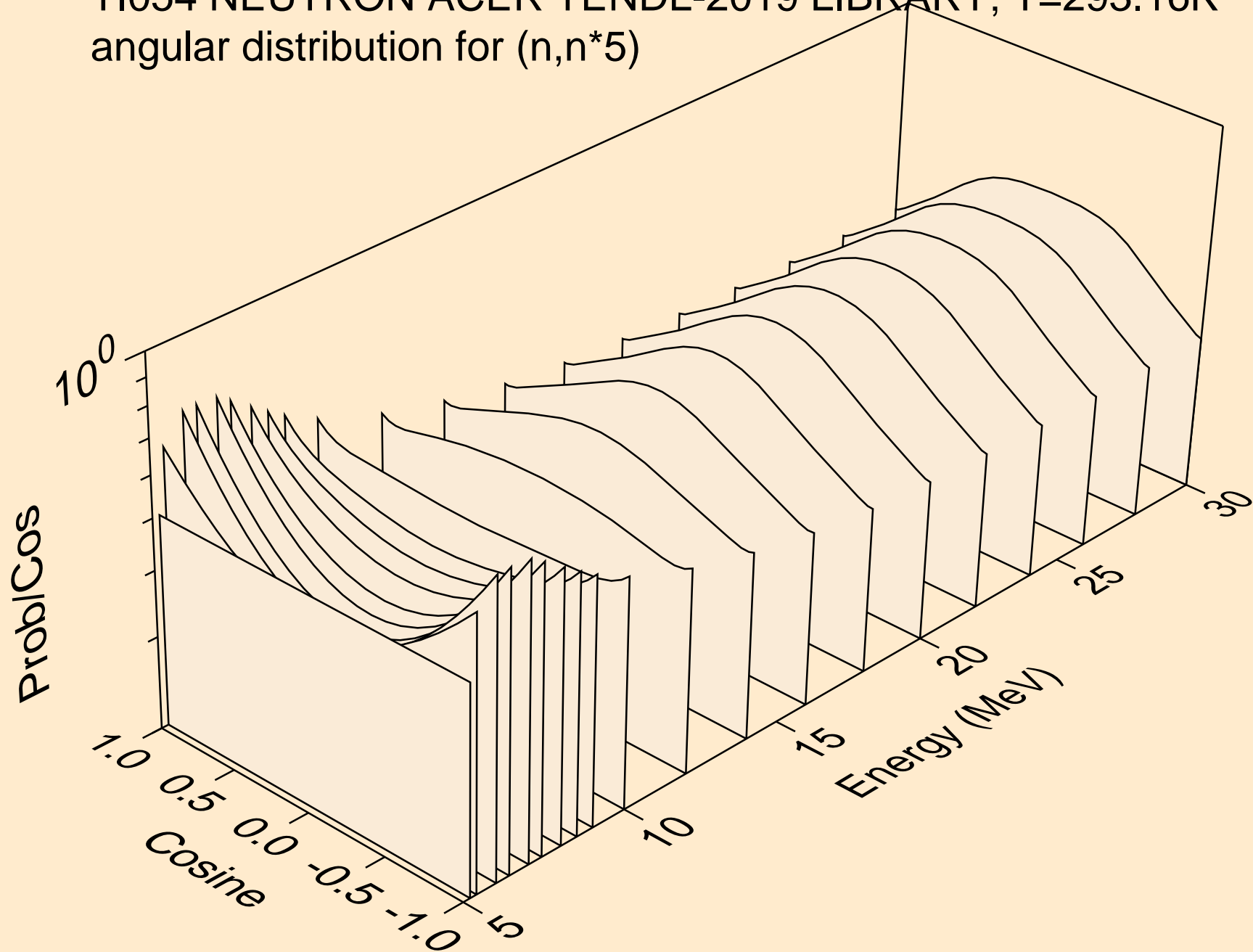
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angular distribution for (n,n\*3)



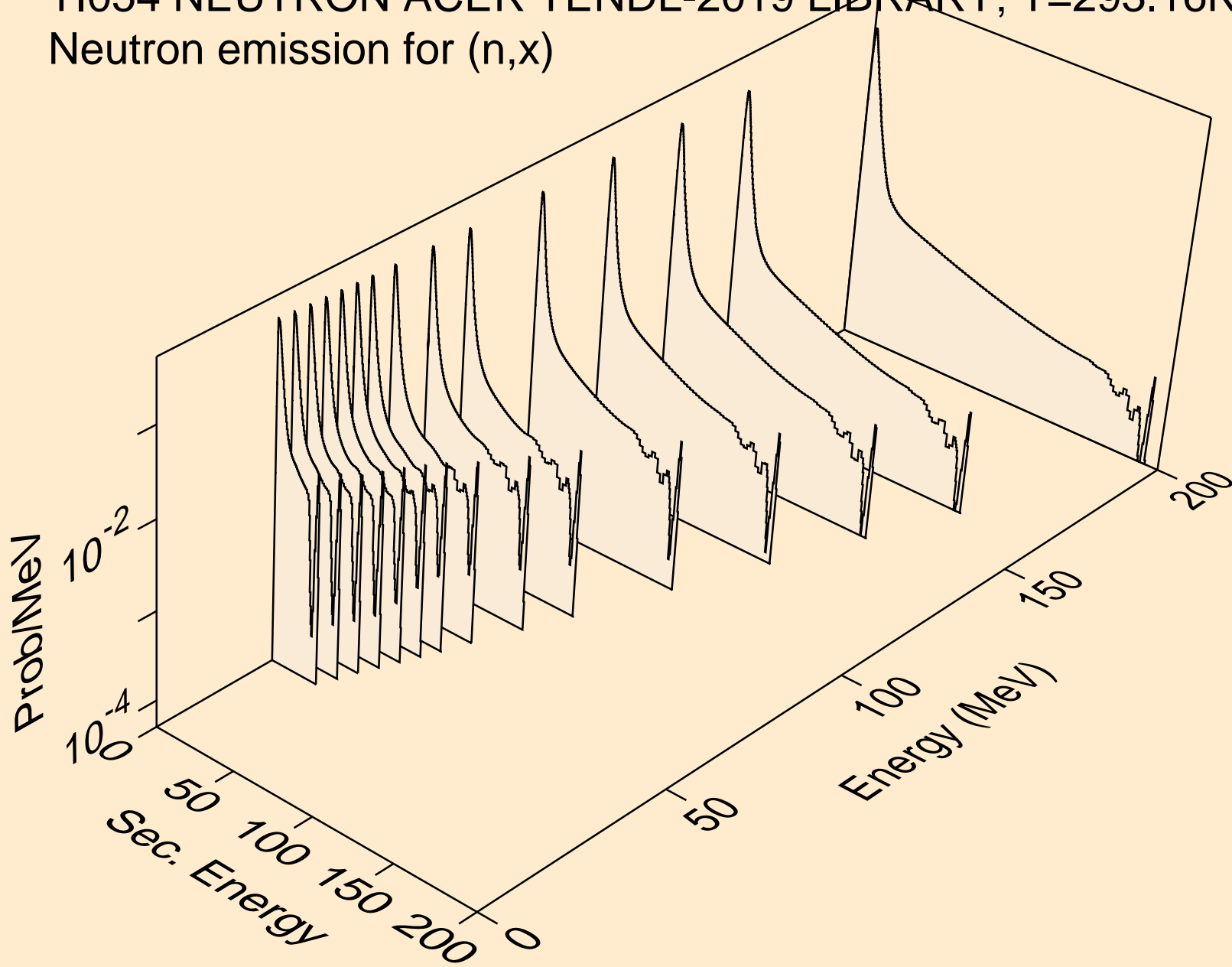
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angular distribution for (n,n\*4)



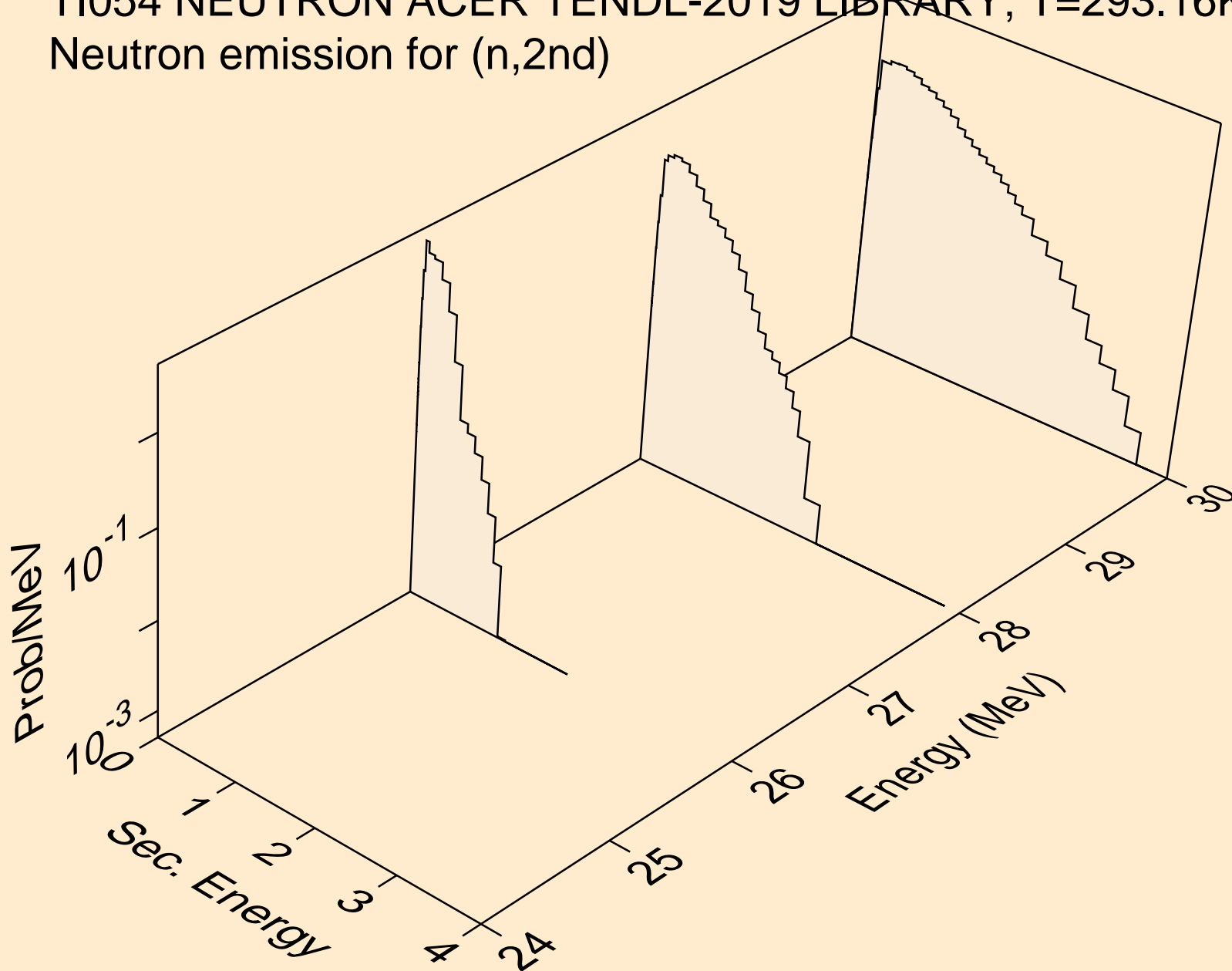
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angular distribution for (n,n\*5)



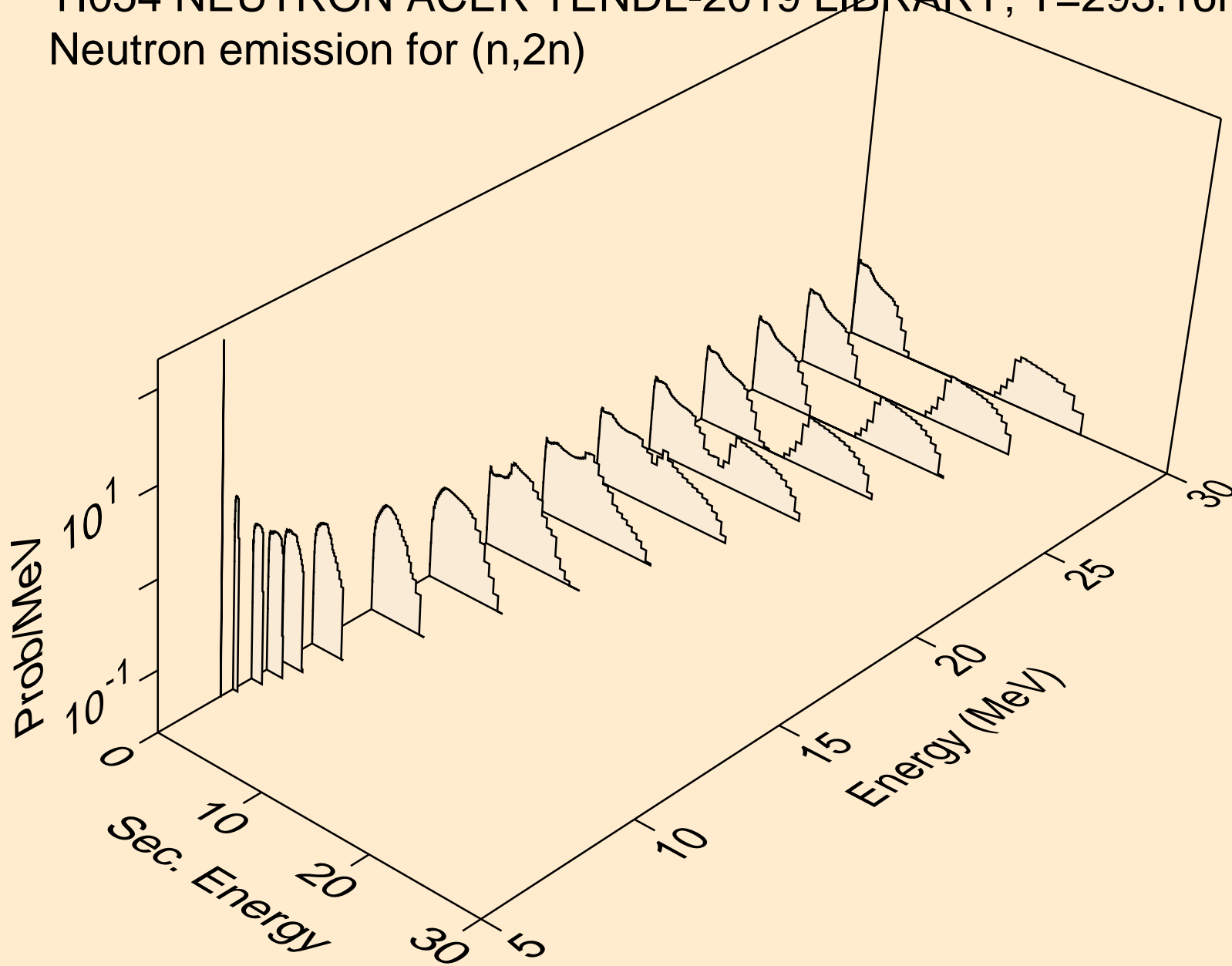
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Neutron emission for (n,x)



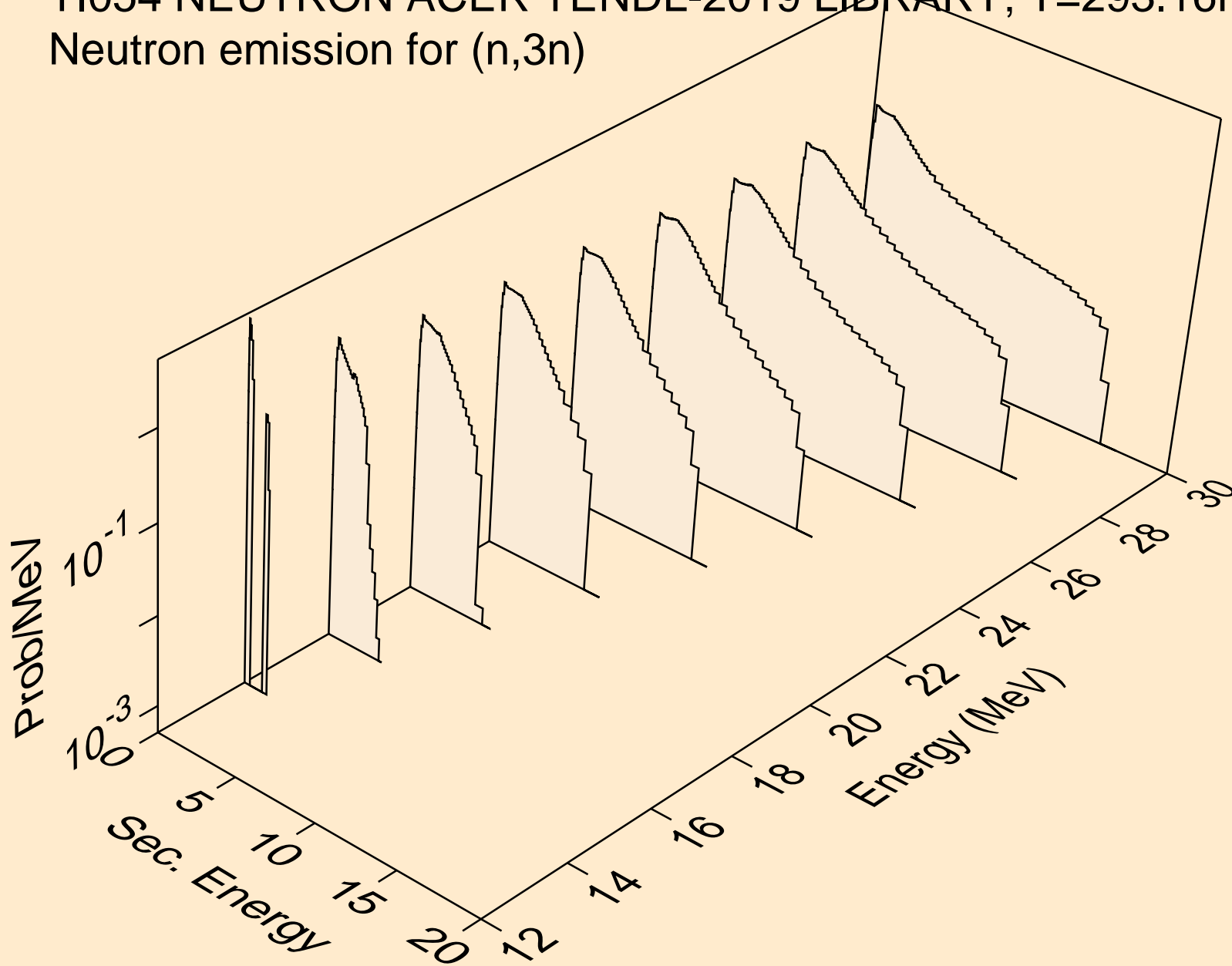
TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)

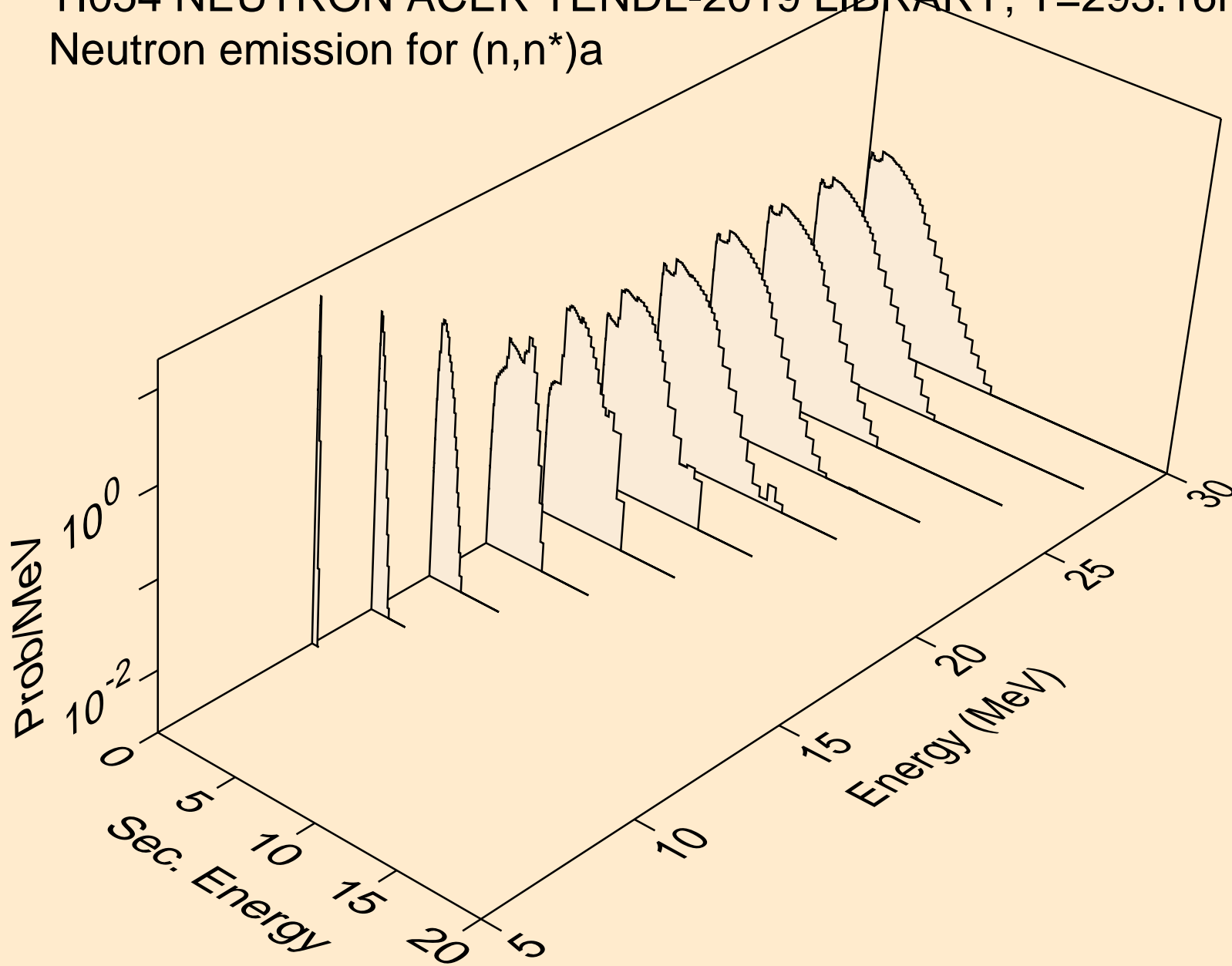


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Neutron emission for (n,3n)

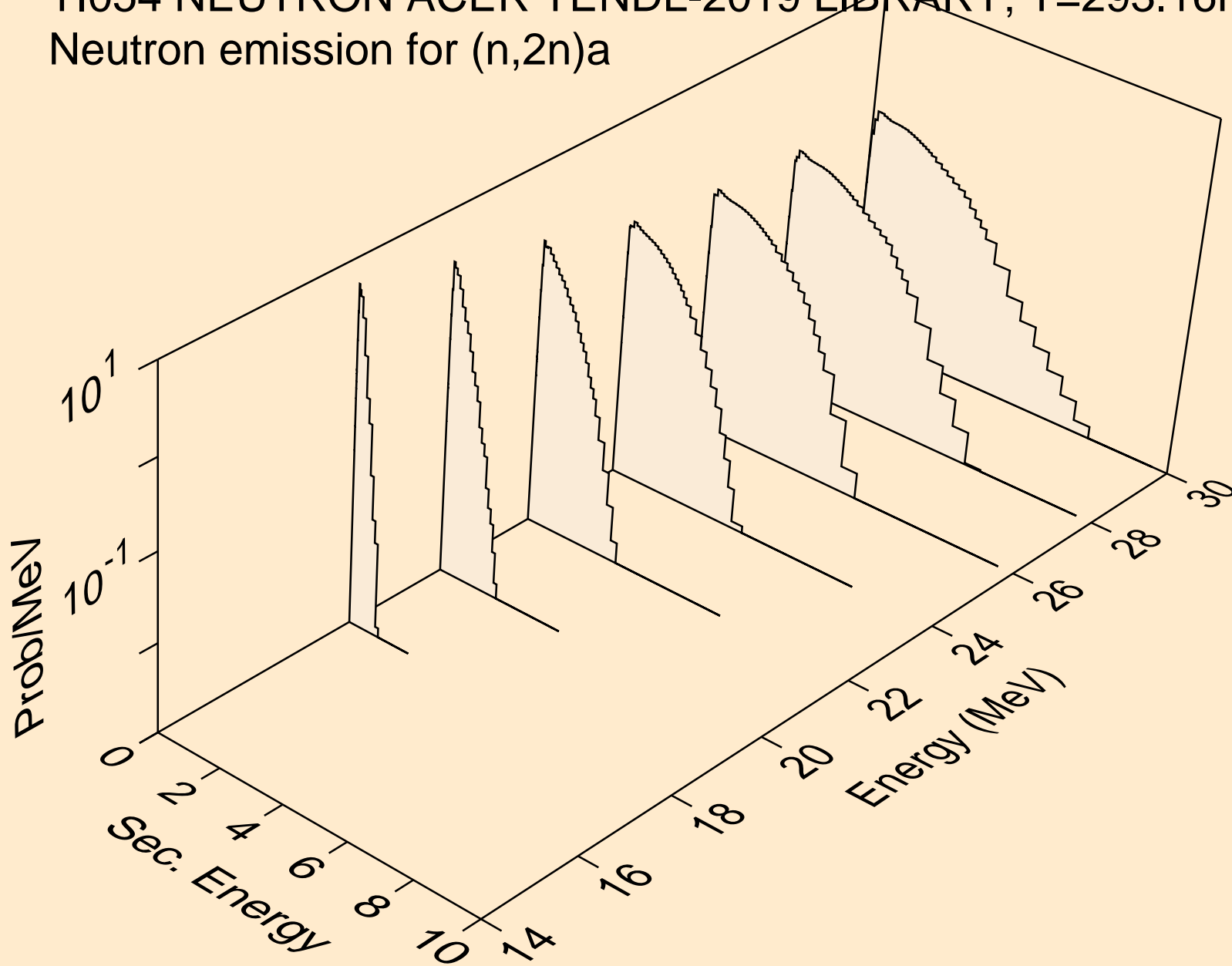




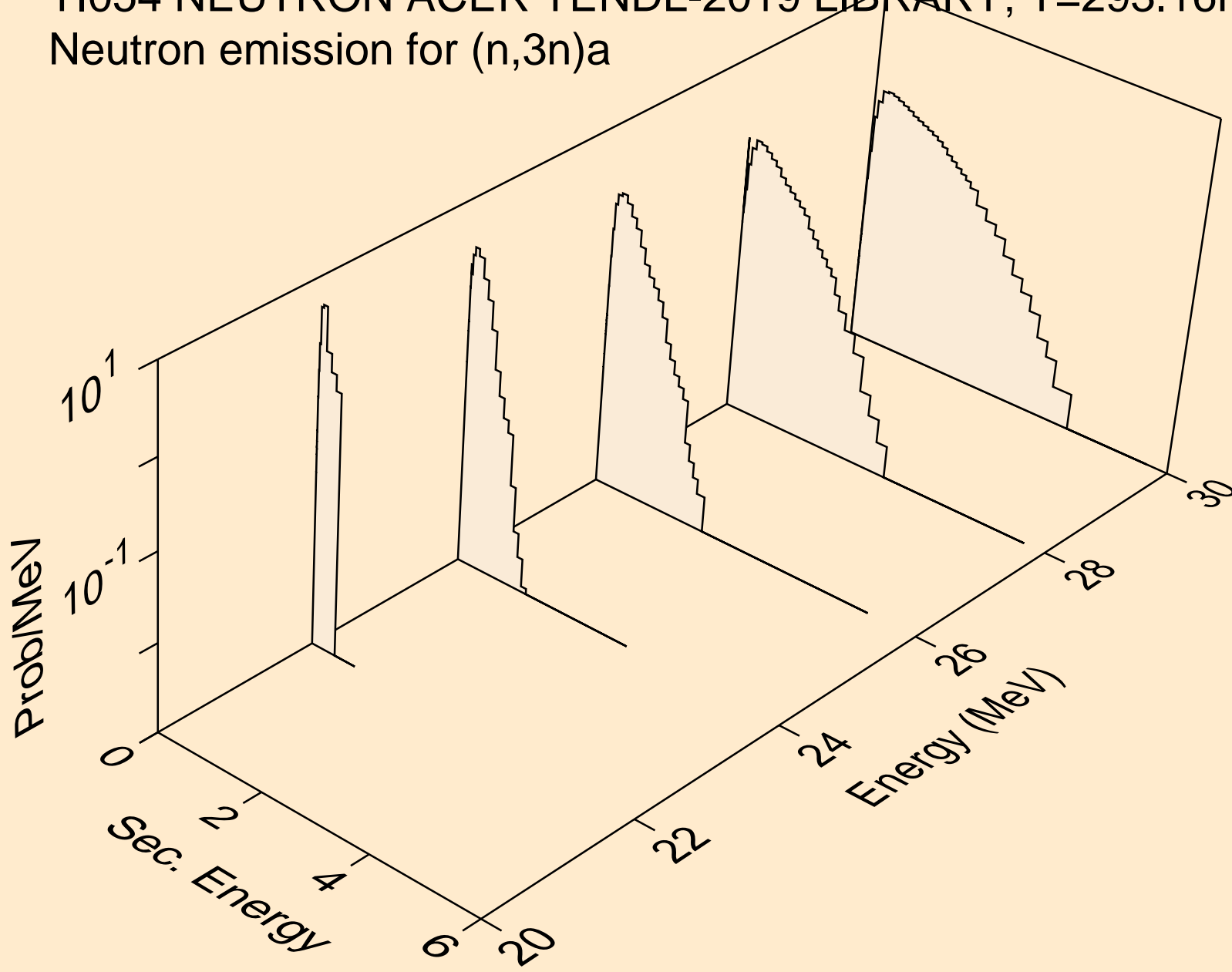
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Neutron emission for (n,n\*)a



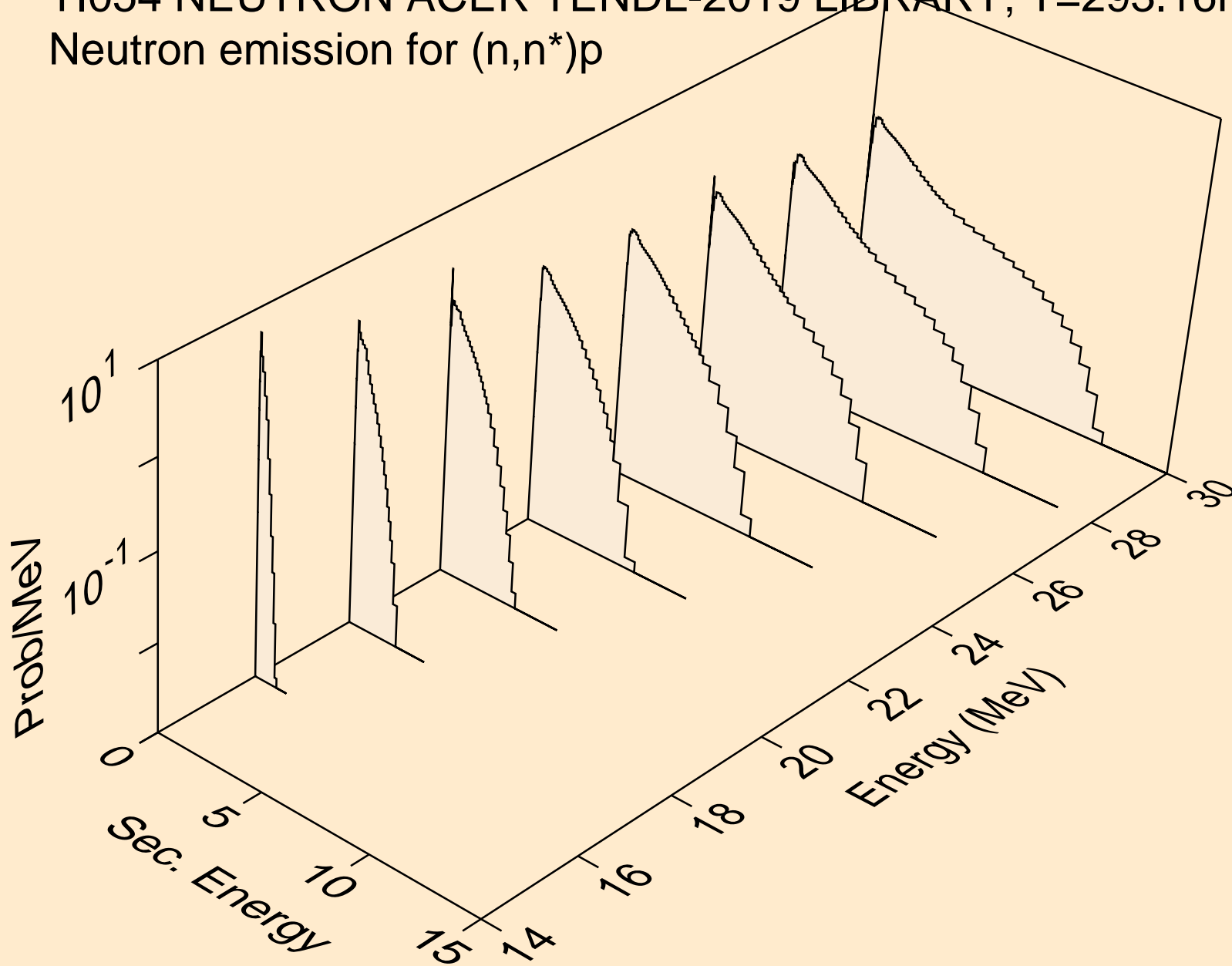
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Neutron emission for (n,2n)a



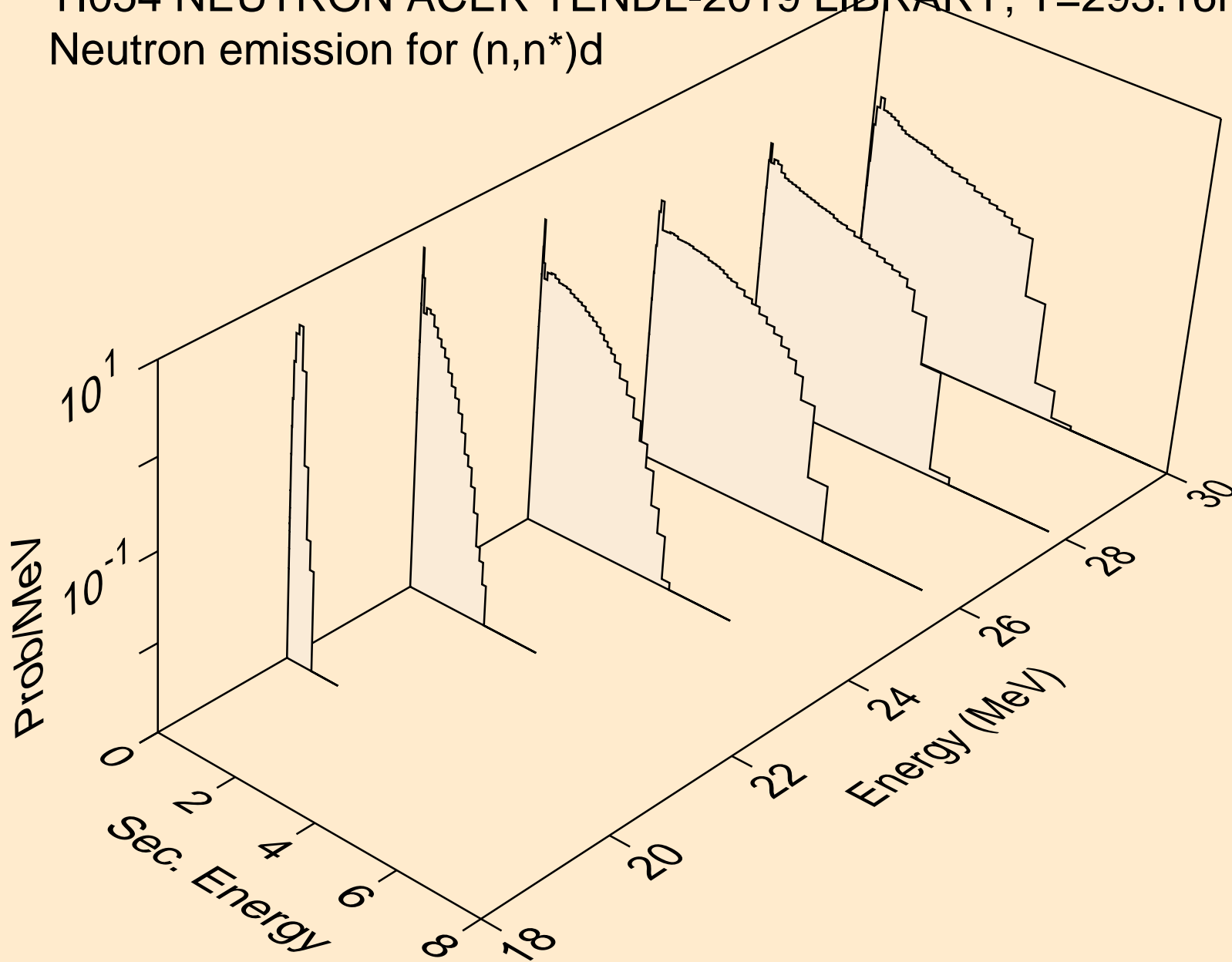
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Neutron emission for (n,3n)a



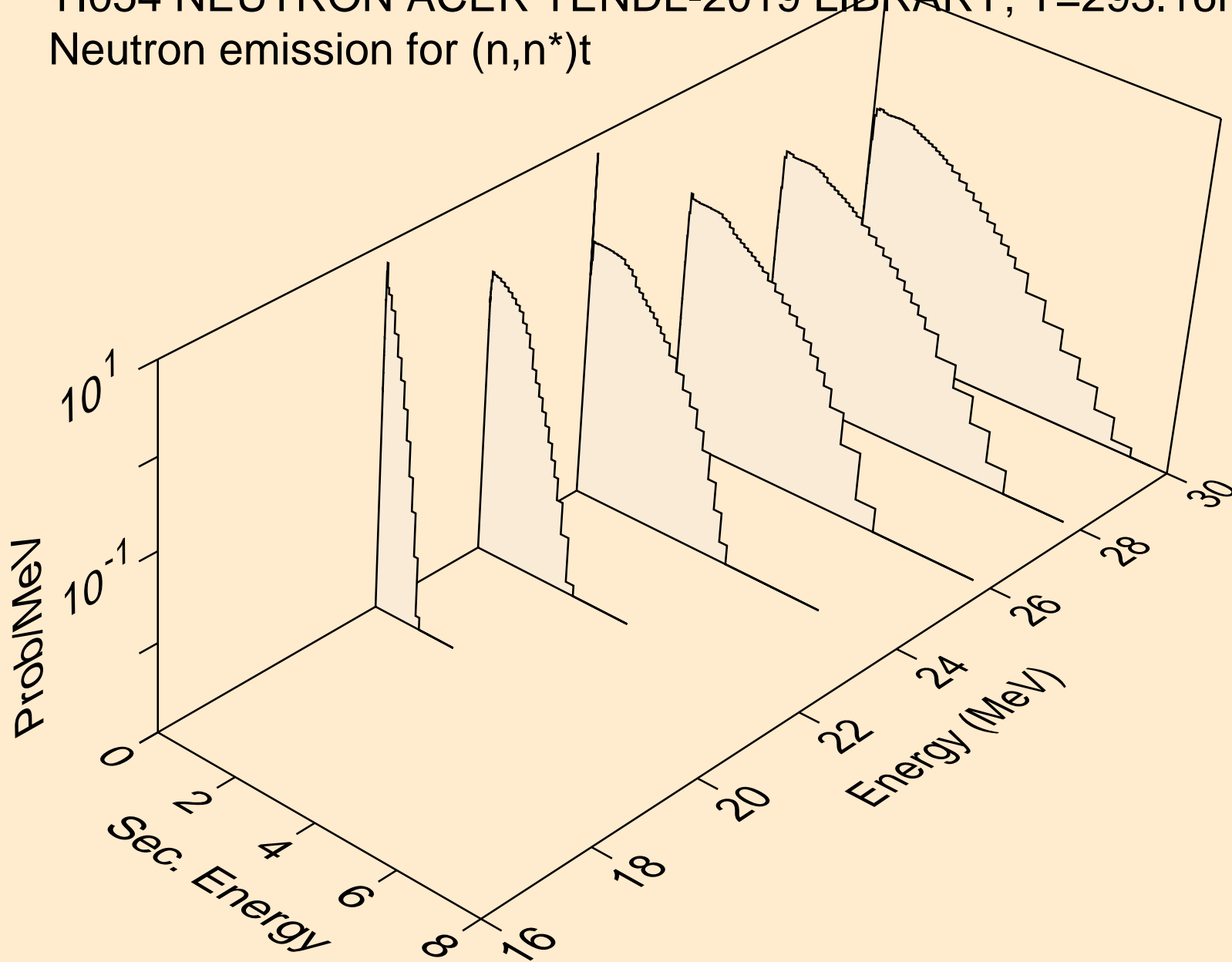
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Neutron emission for (n,n\*)p



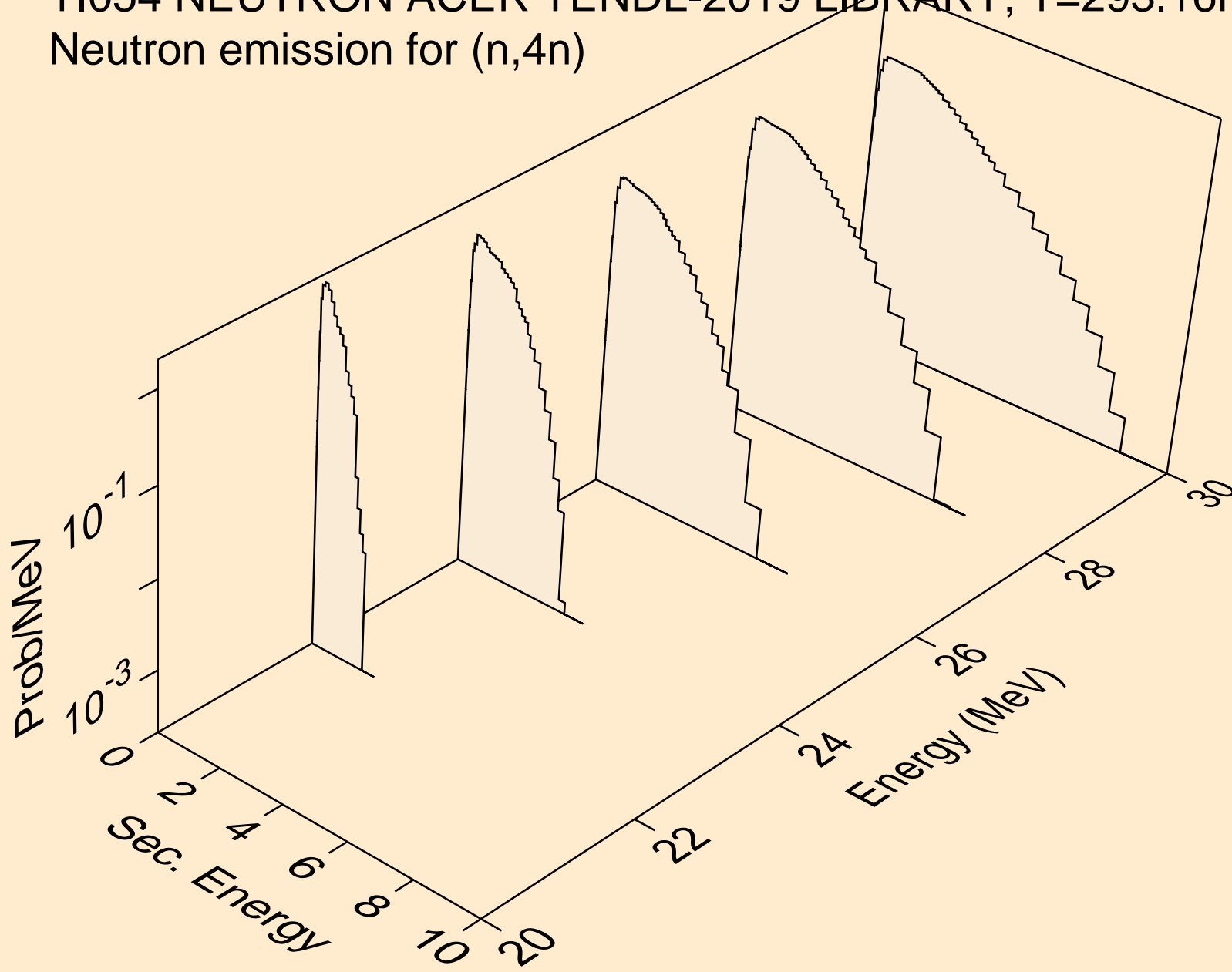
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Neutron emission for (n,n\*)d



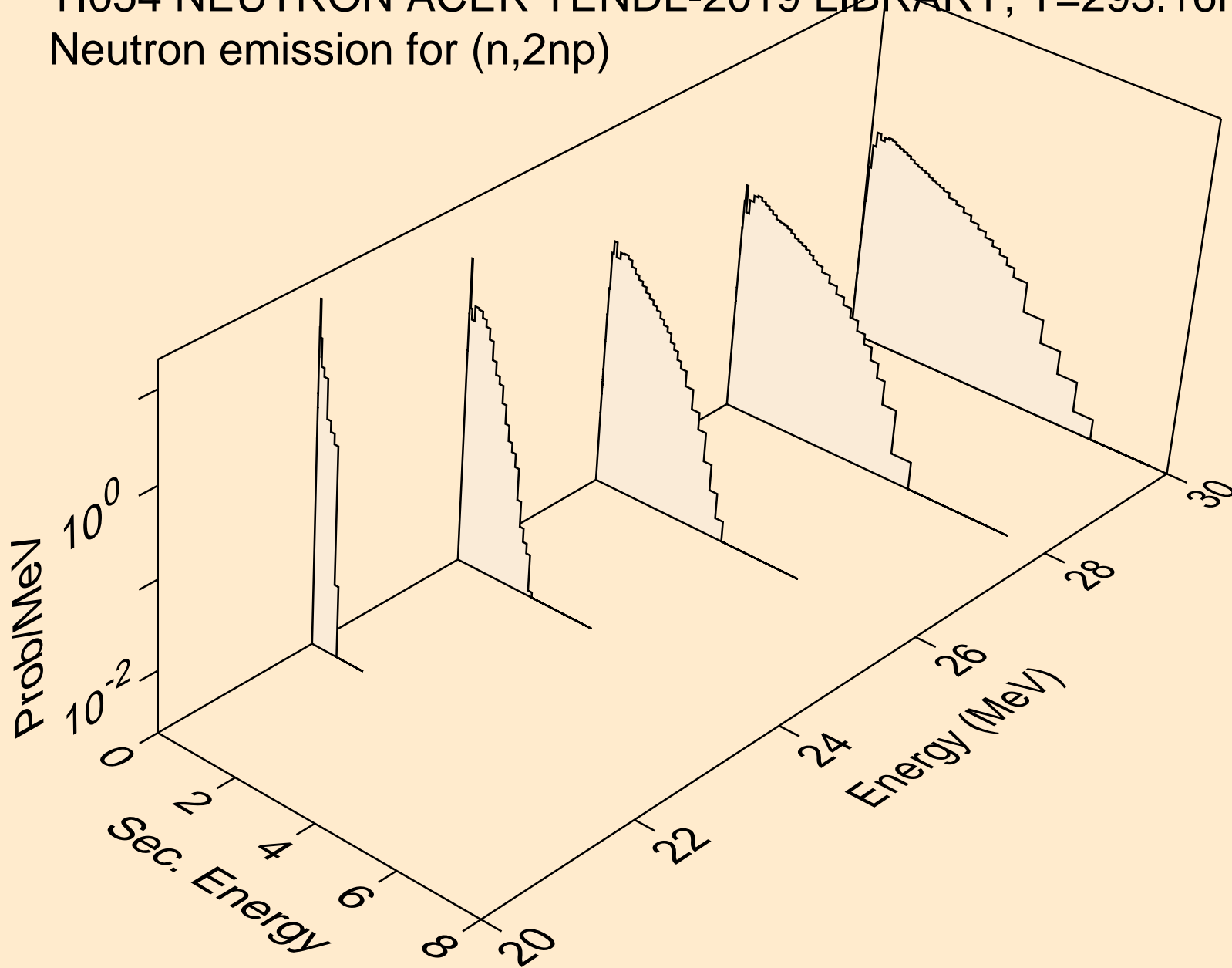
TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)

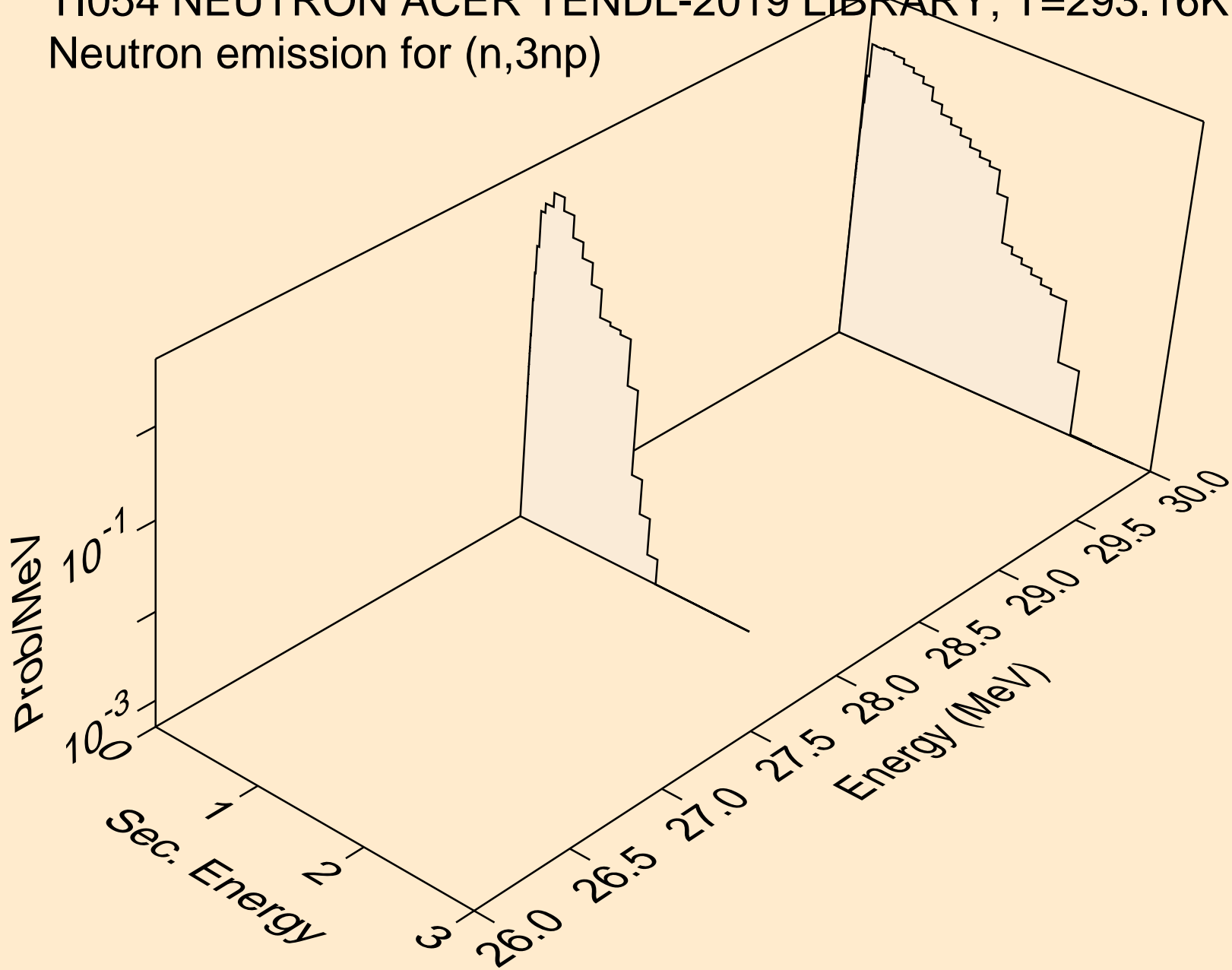


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Neutron emission for (n,2np)

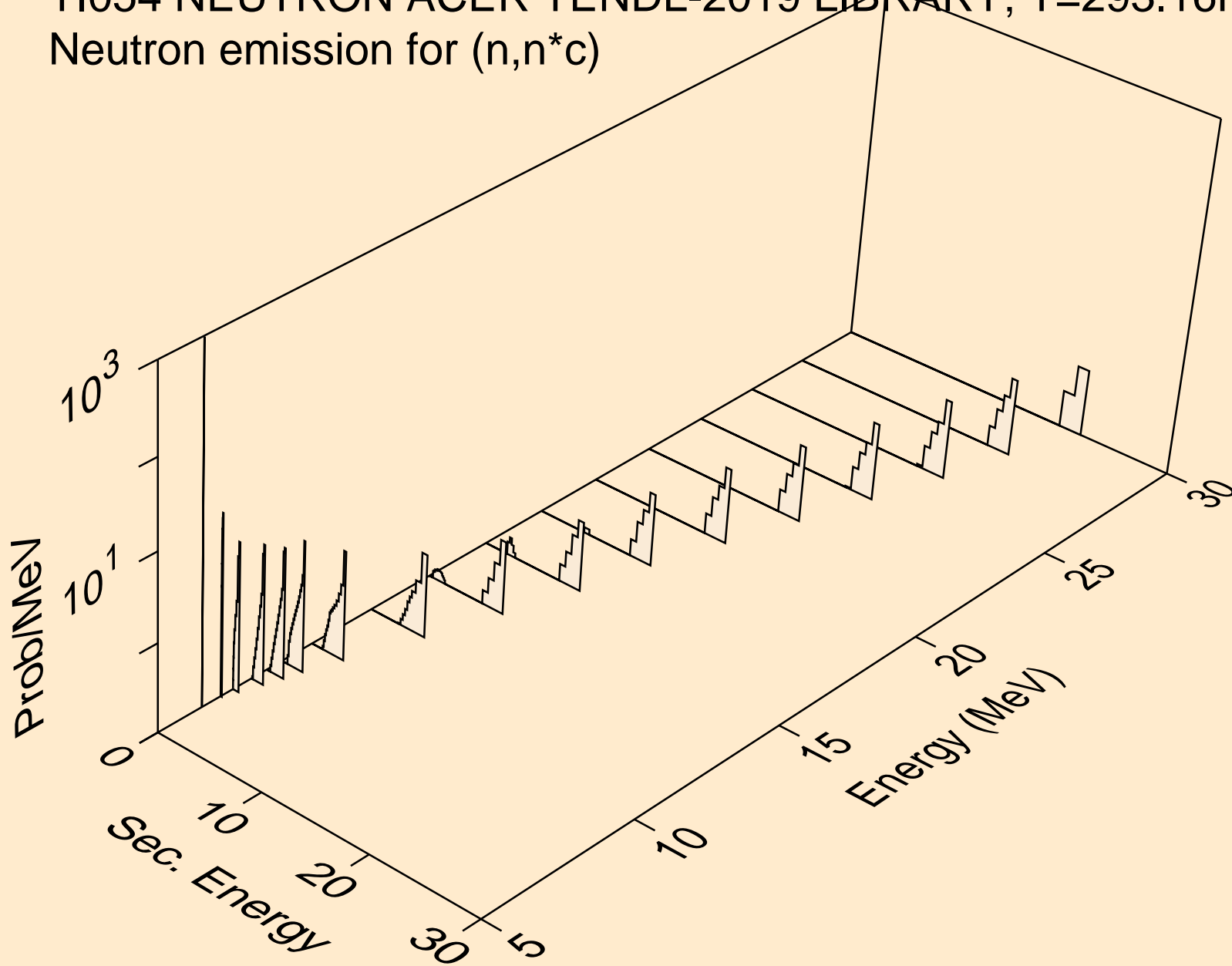




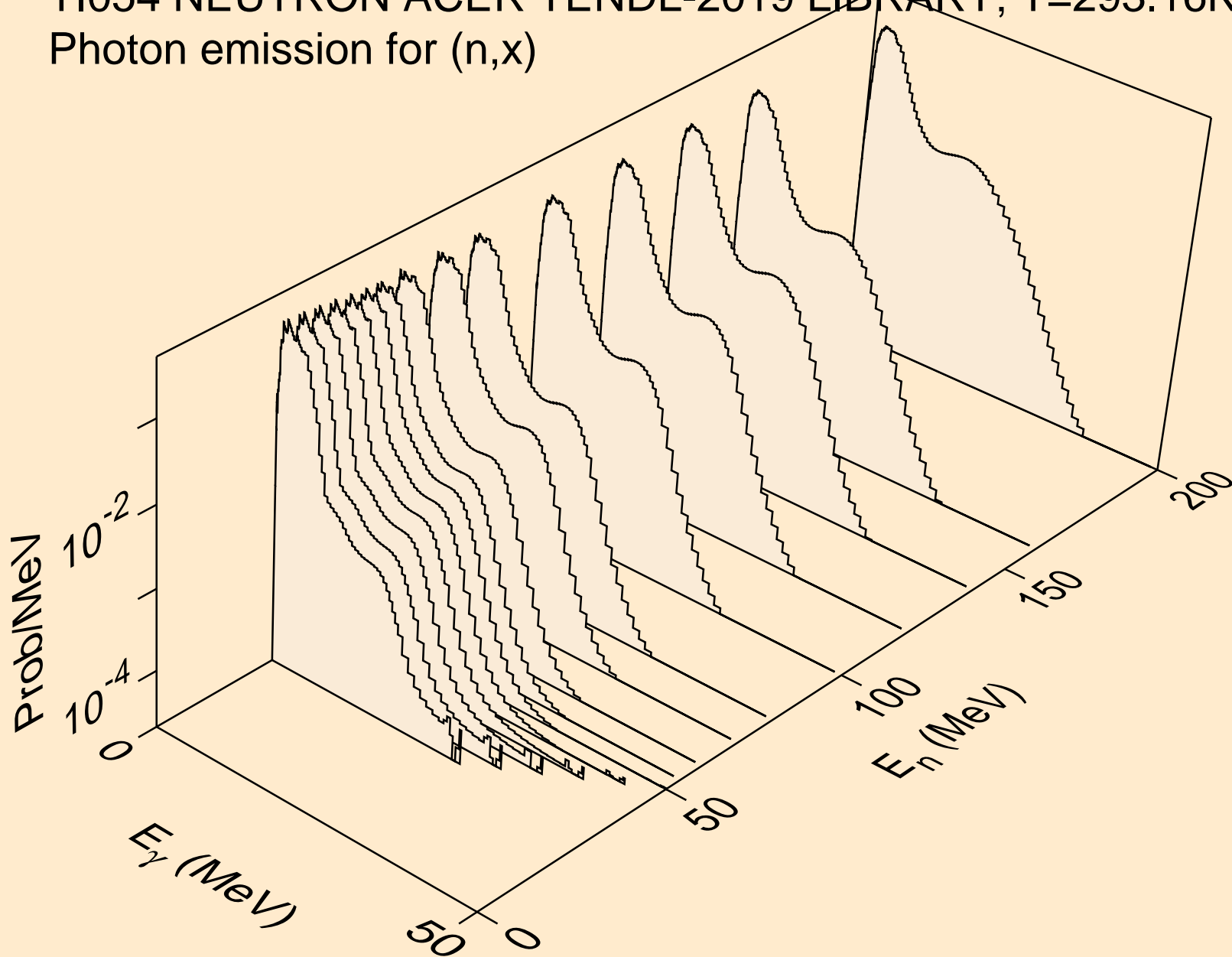
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Neutron emission for (n,3np)



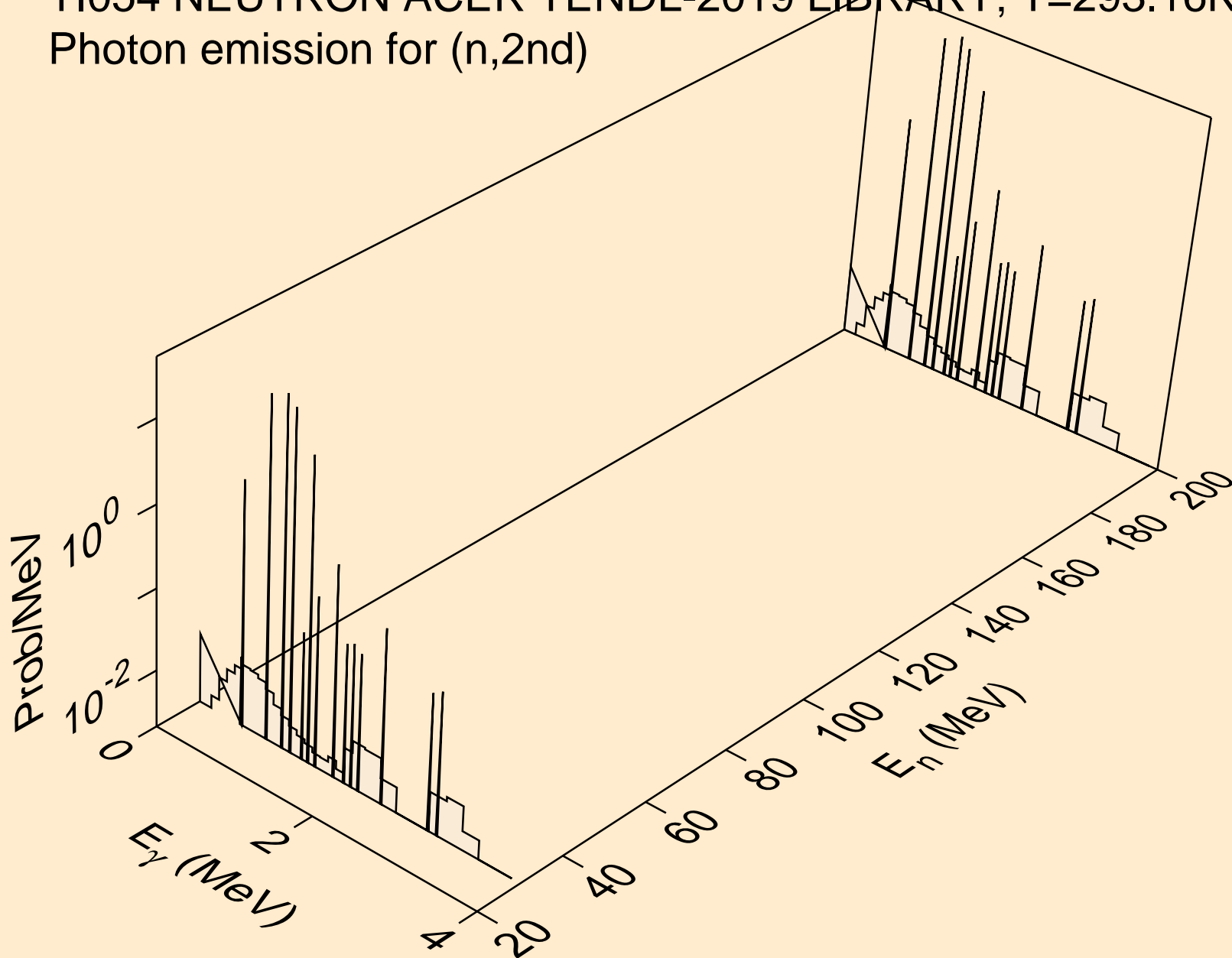
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Neutron emission for (n,n\*c)



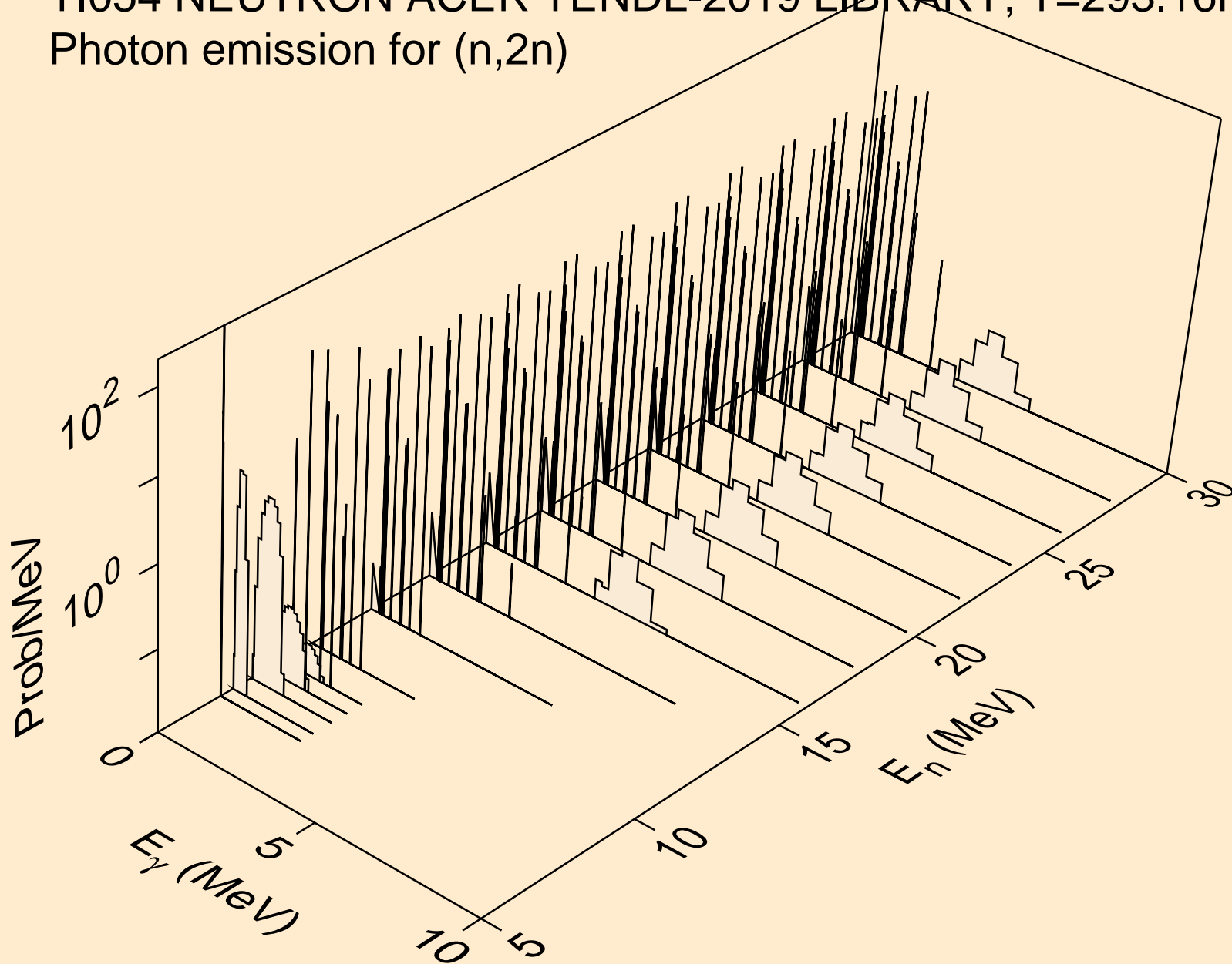
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Photon emission for (n,x)



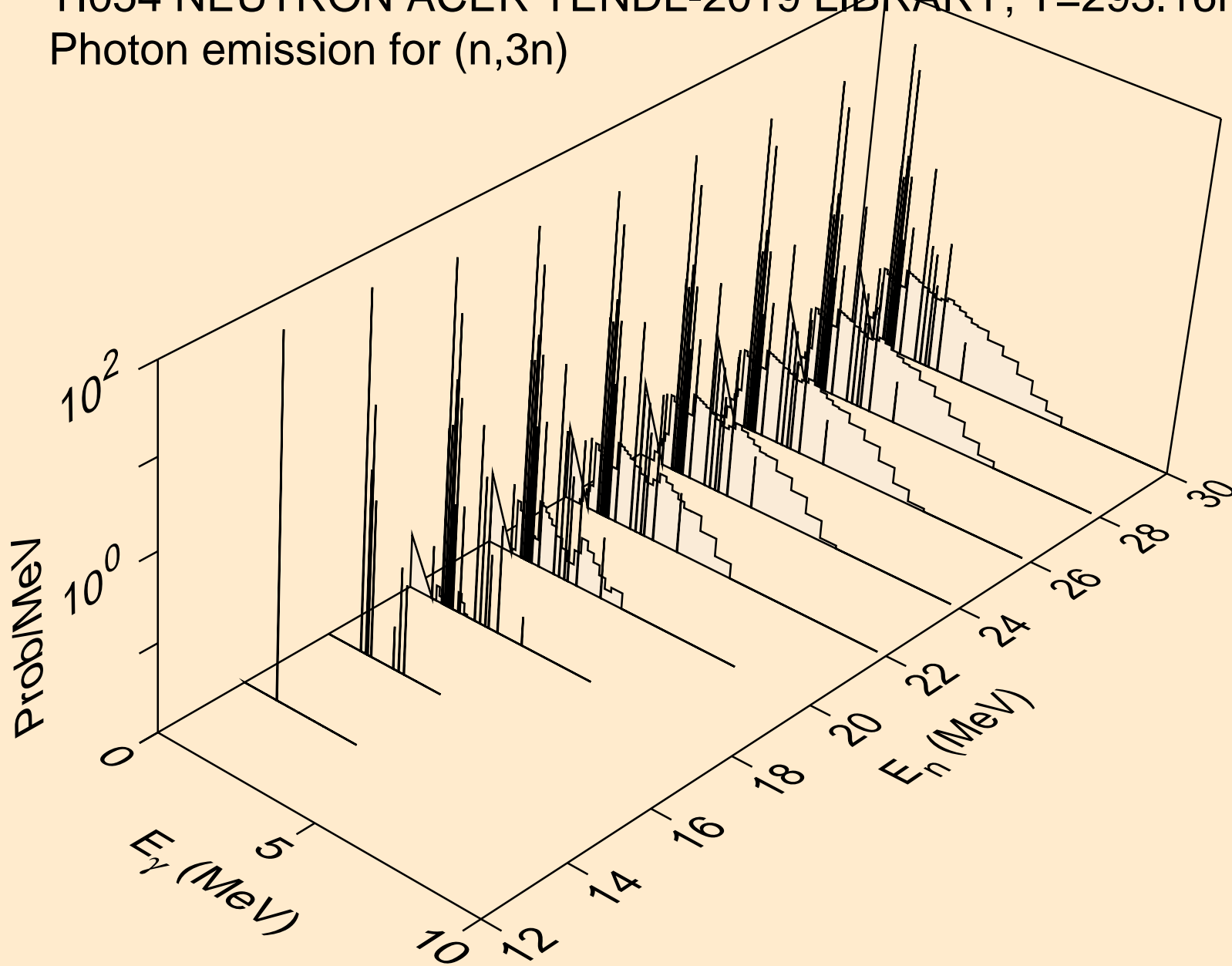
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Photon emission for (n,2nd)



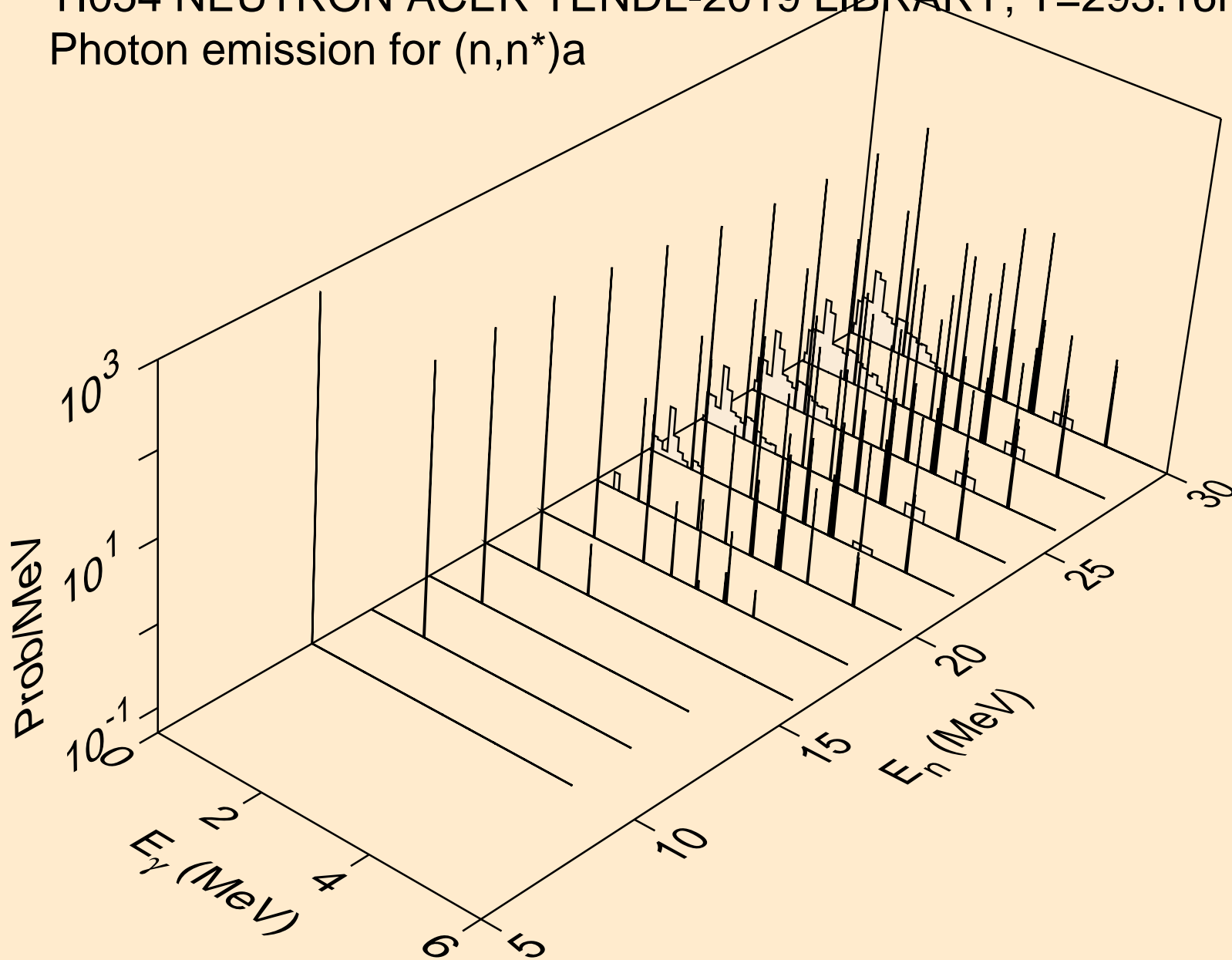
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Photon emission for (n,2n)



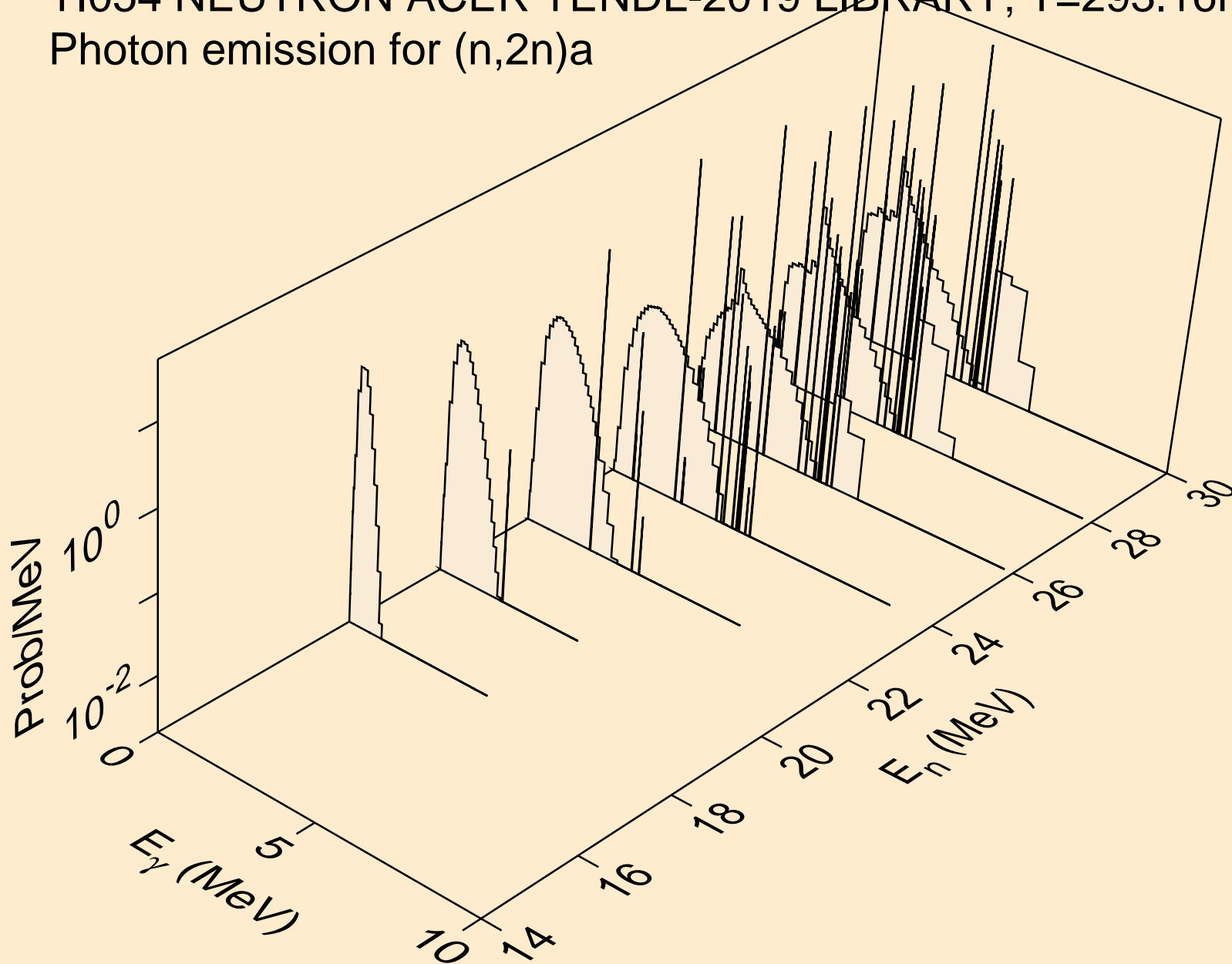
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Photon emission for (n,3n)



TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a

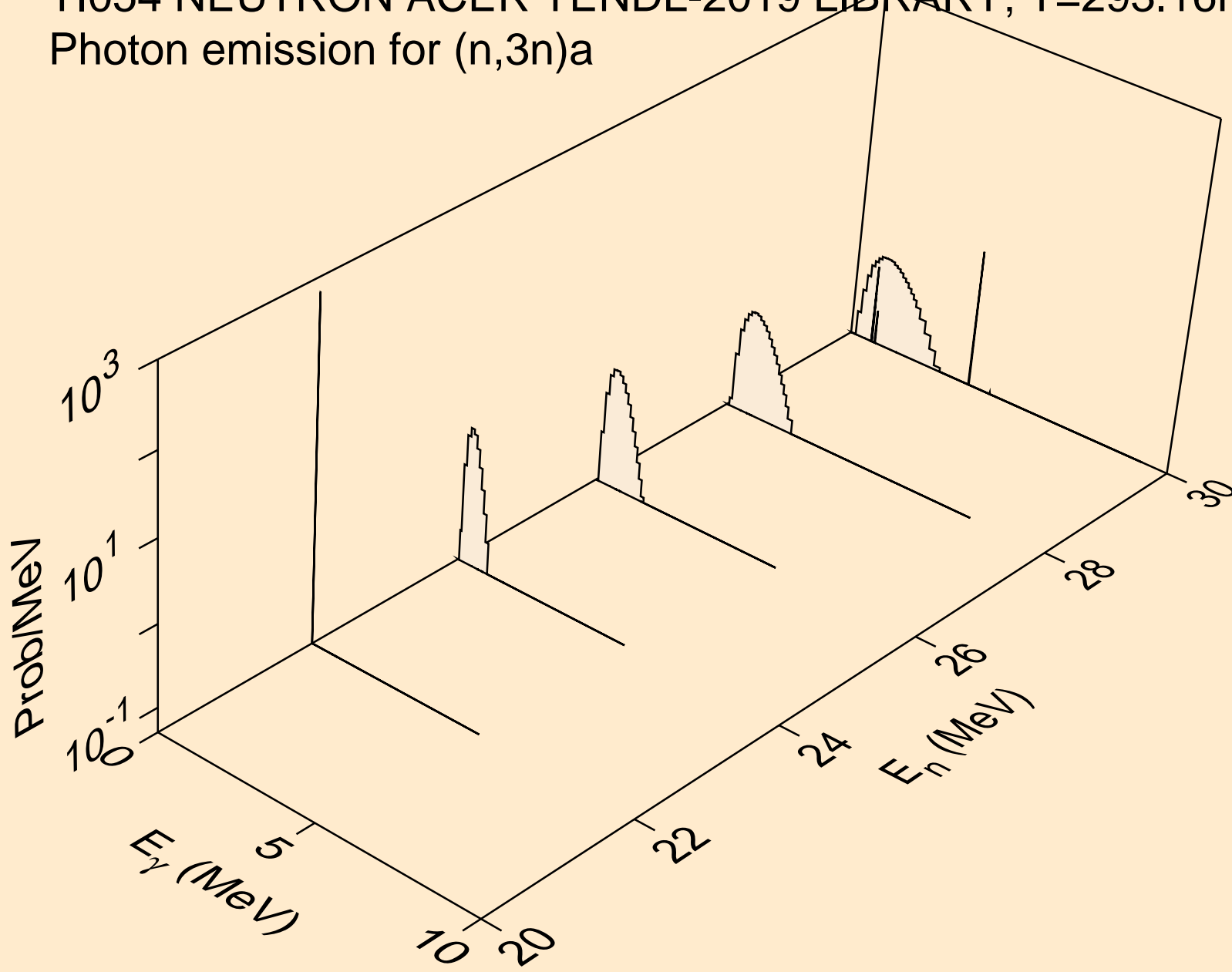


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Photon emission for (n,2n)a

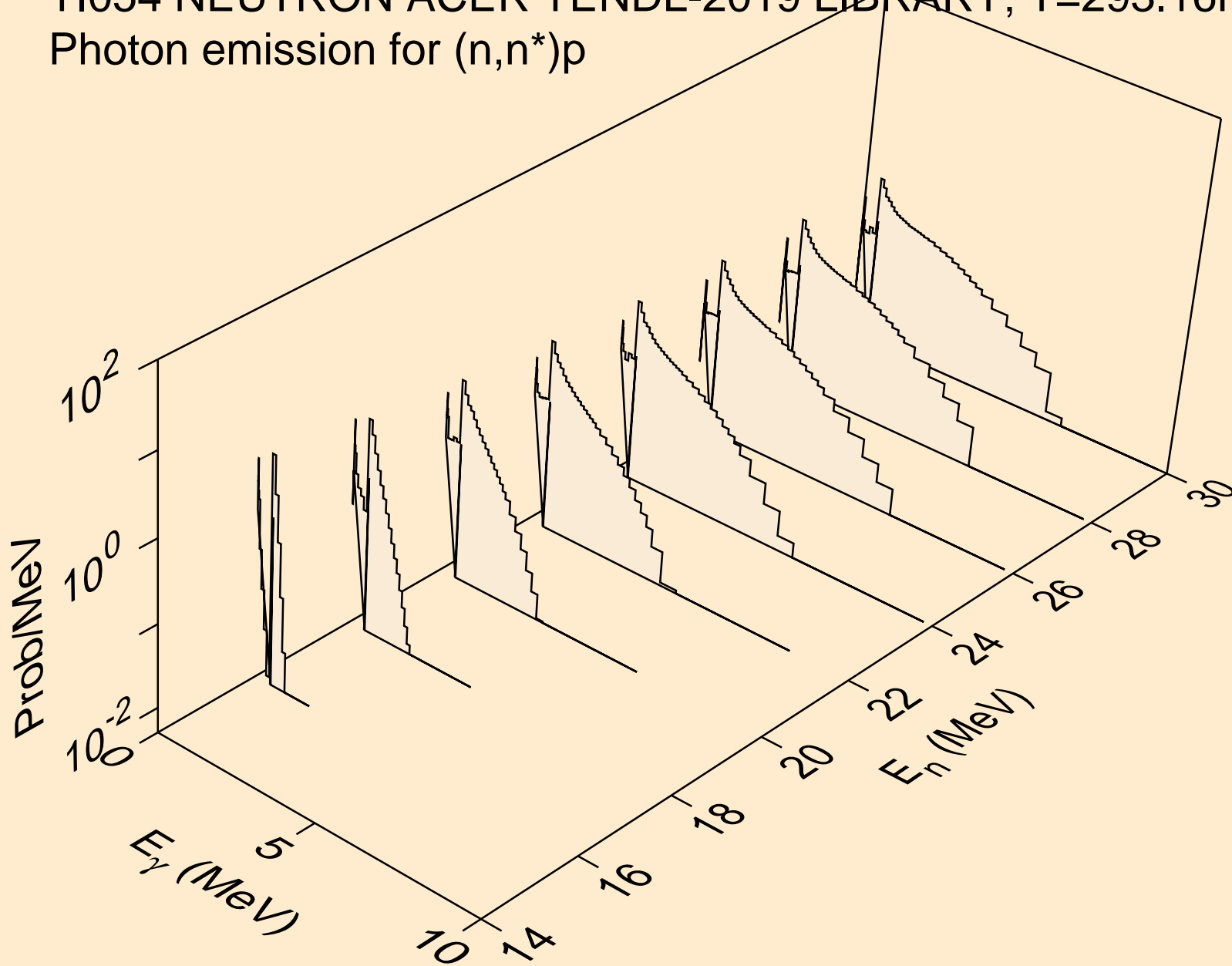




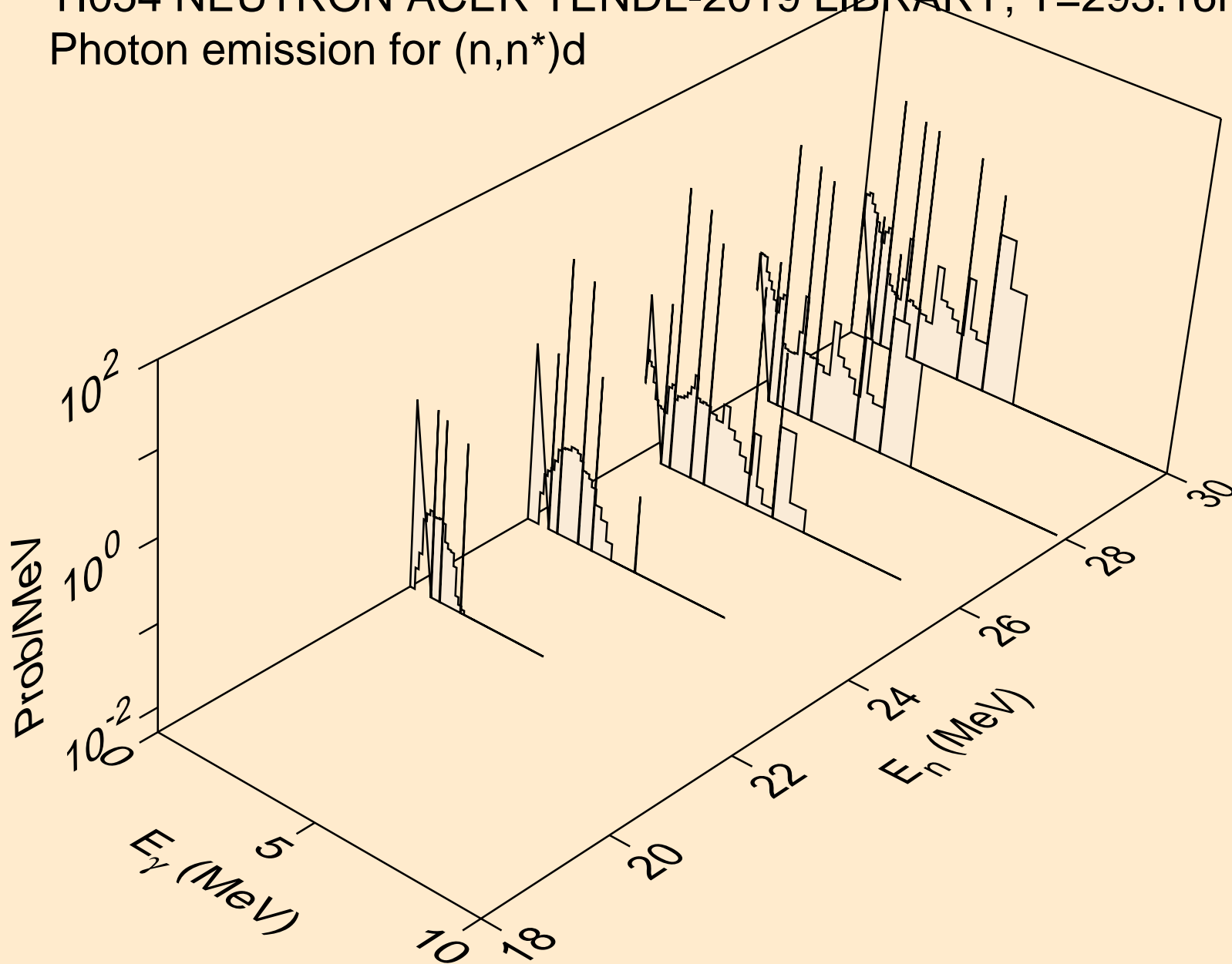
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Photon emission for (n,3n)a



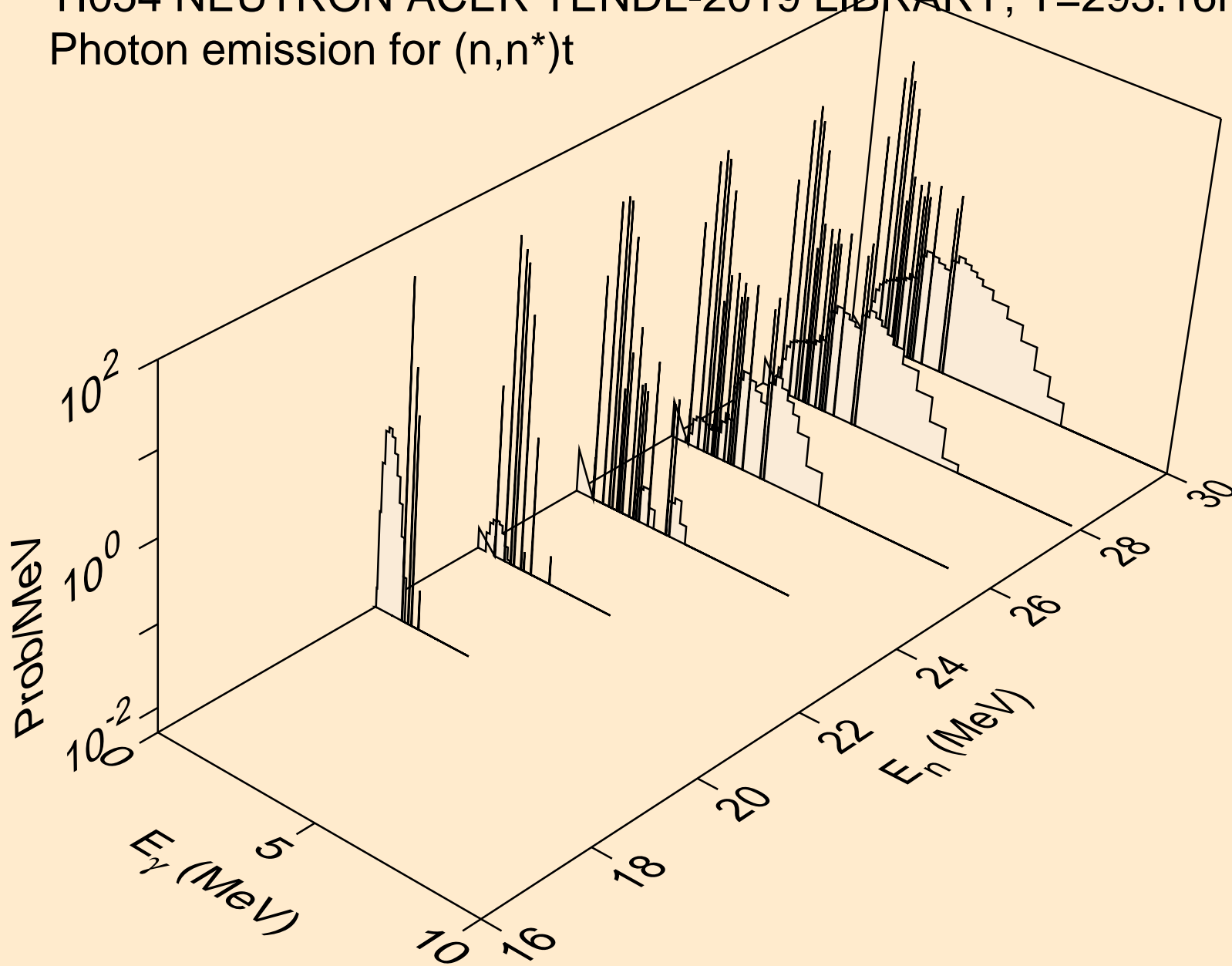
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Photon emission for (n,n\*)p



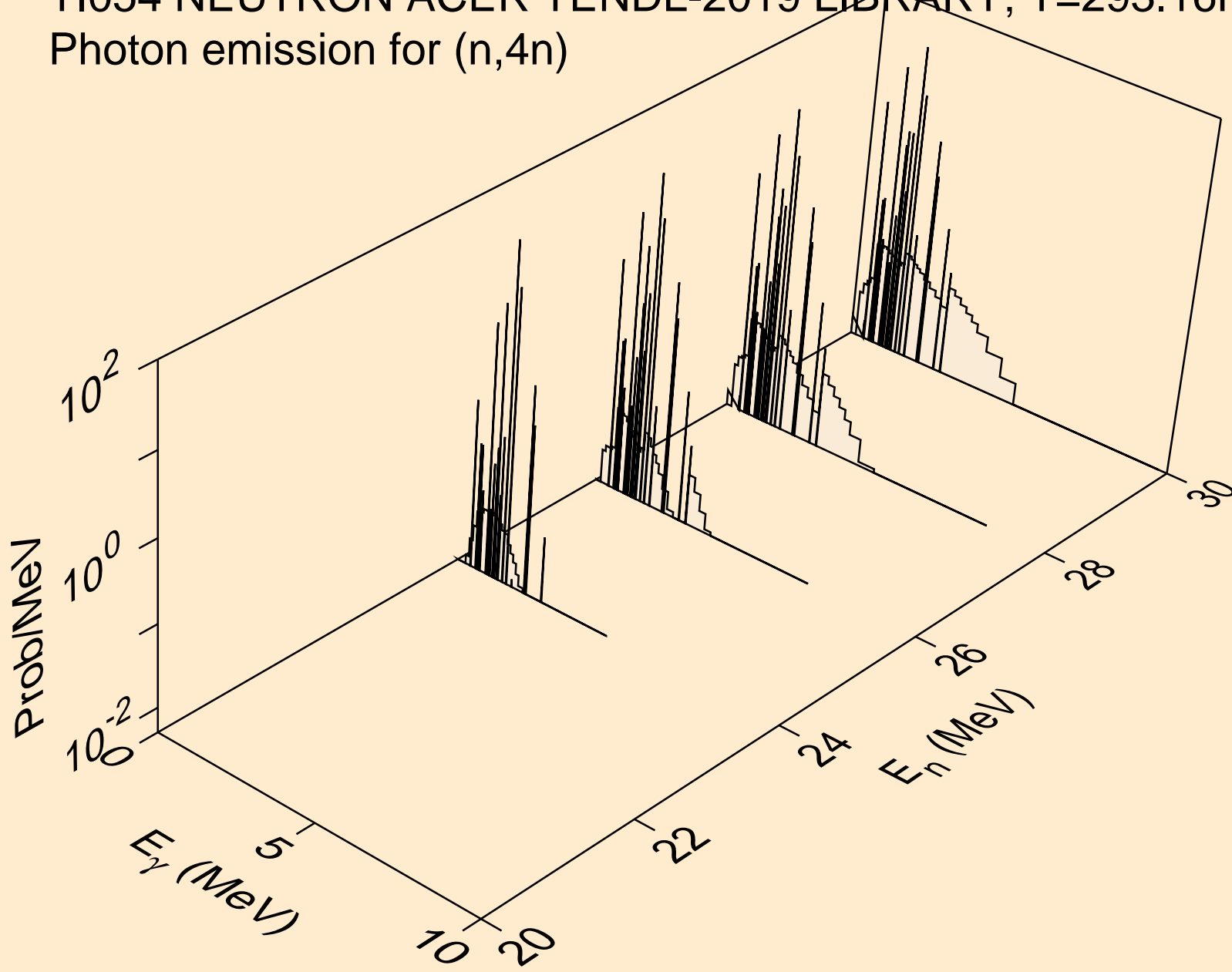
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Photon emission for (n,n\*)d



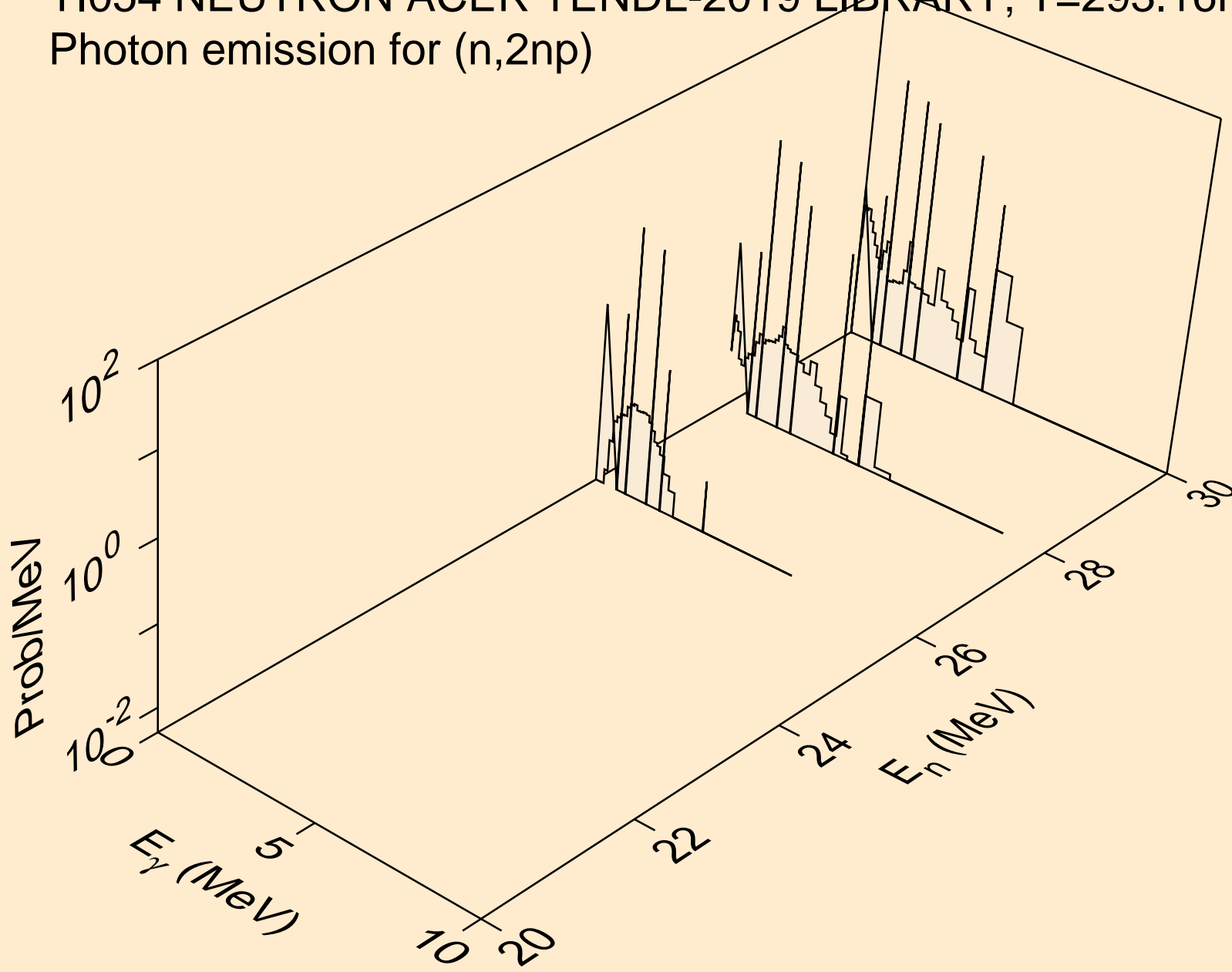
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Photon emission for (n,n\*)t



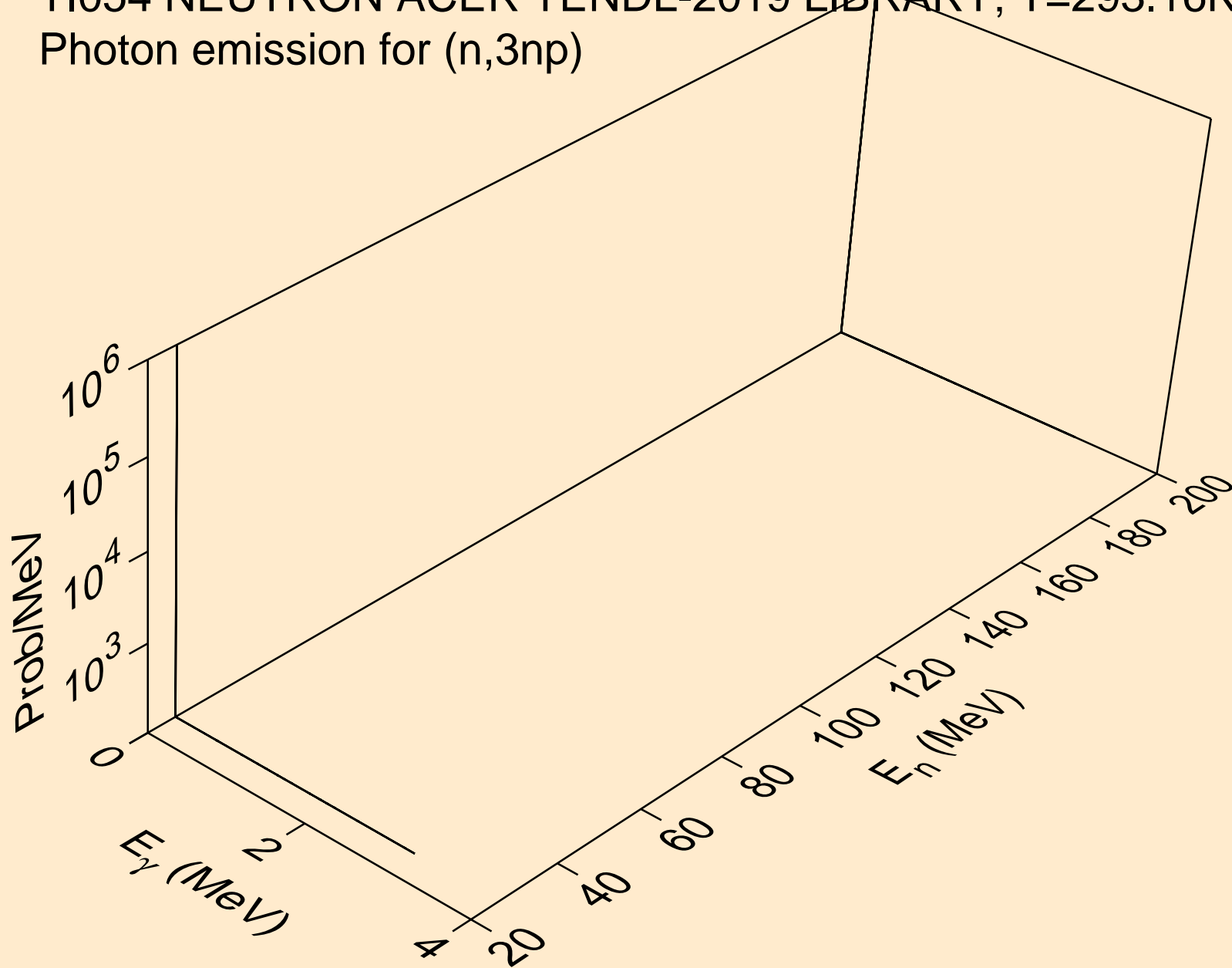
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Photon emission for (n,4n)



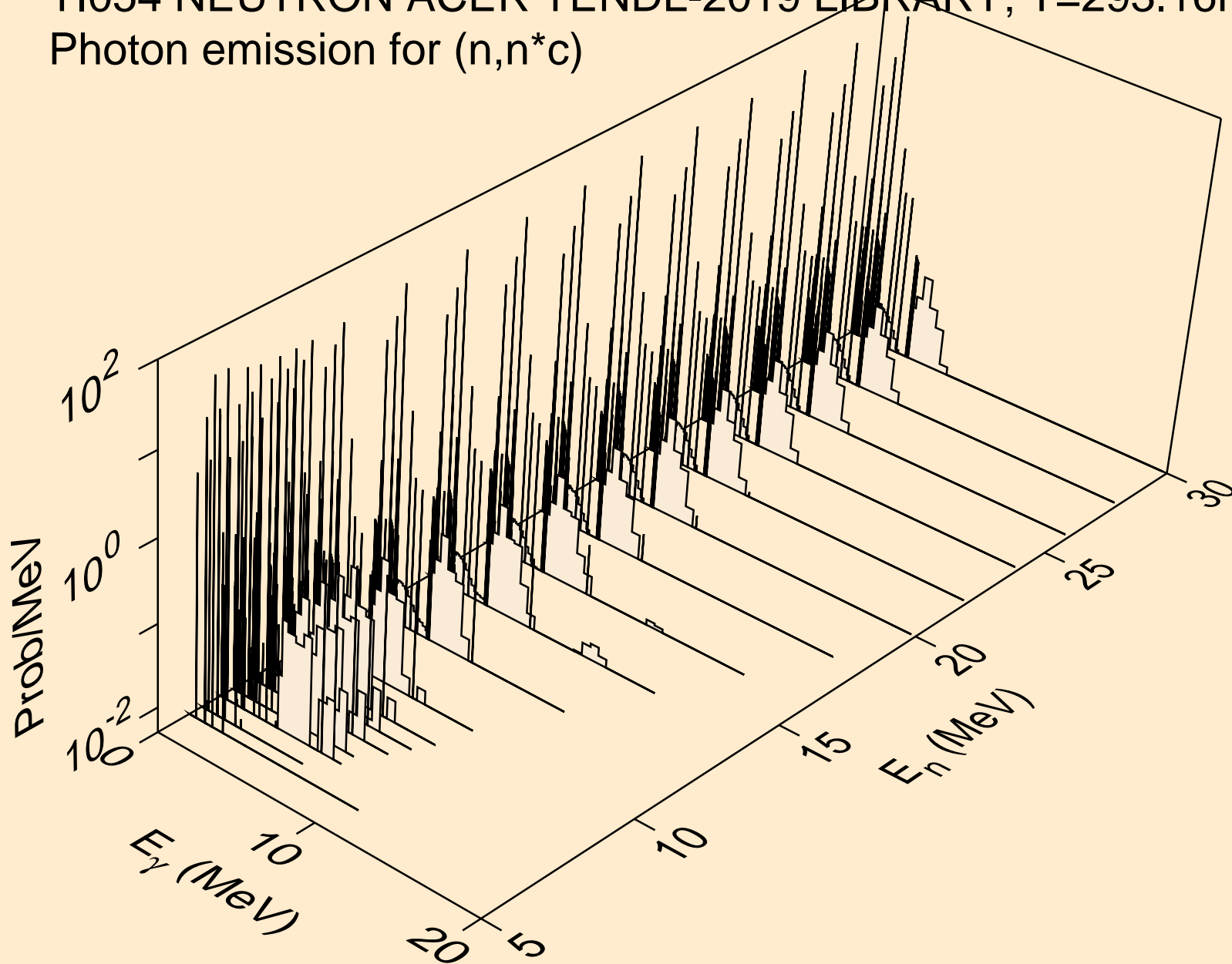
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Photon emission for (n,2np)



TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)

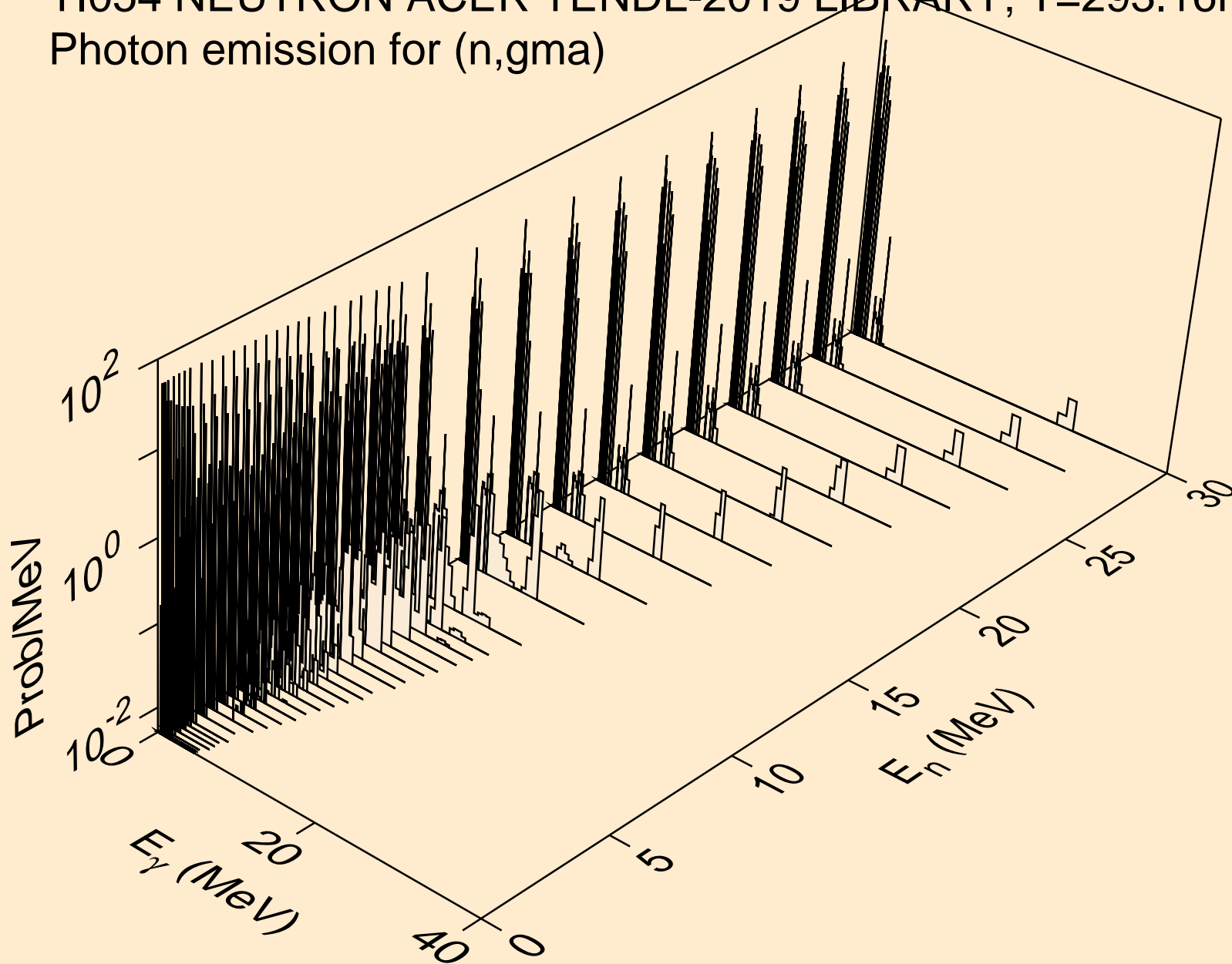


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Photon emission for (n,n\*c)

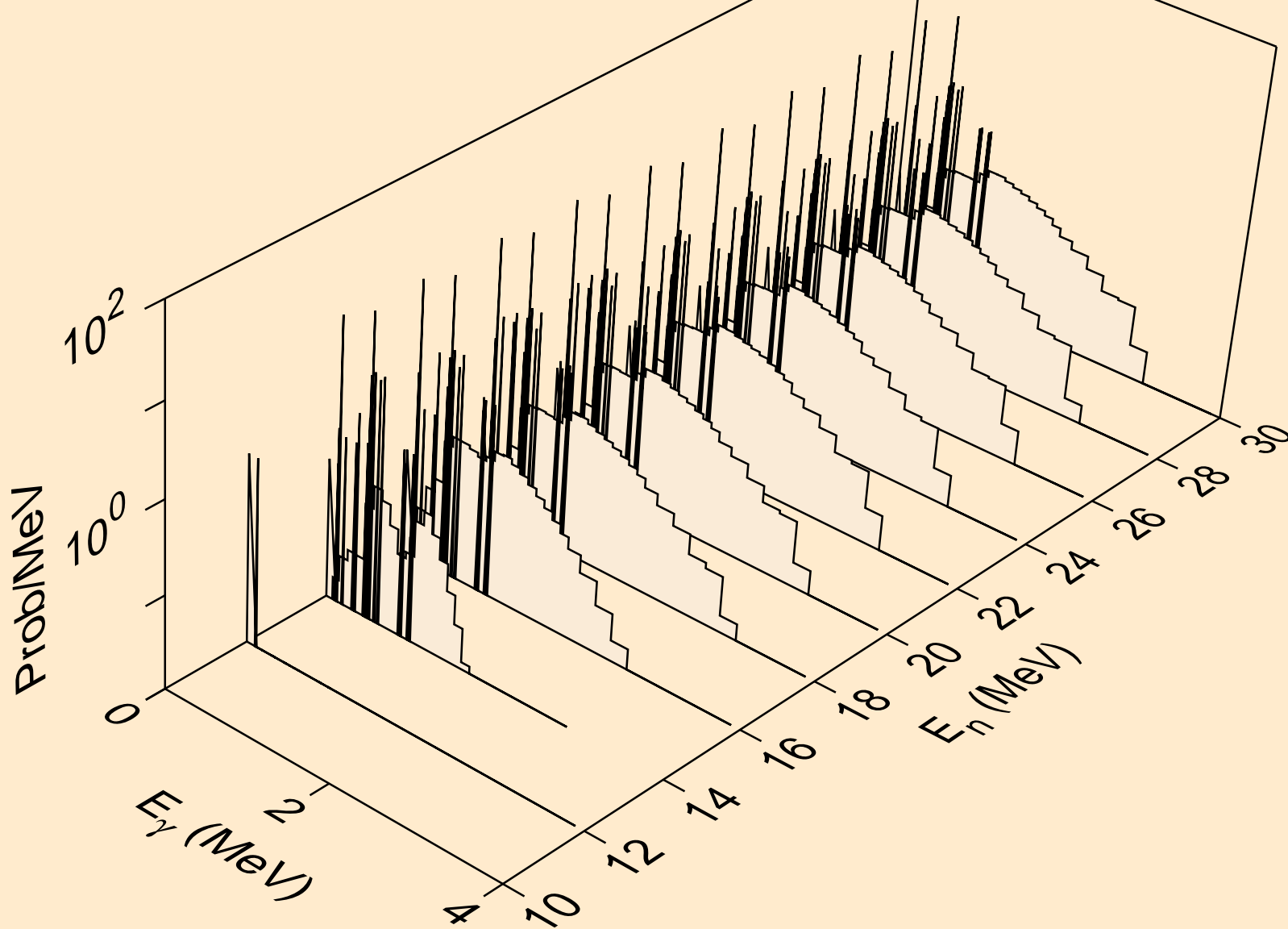




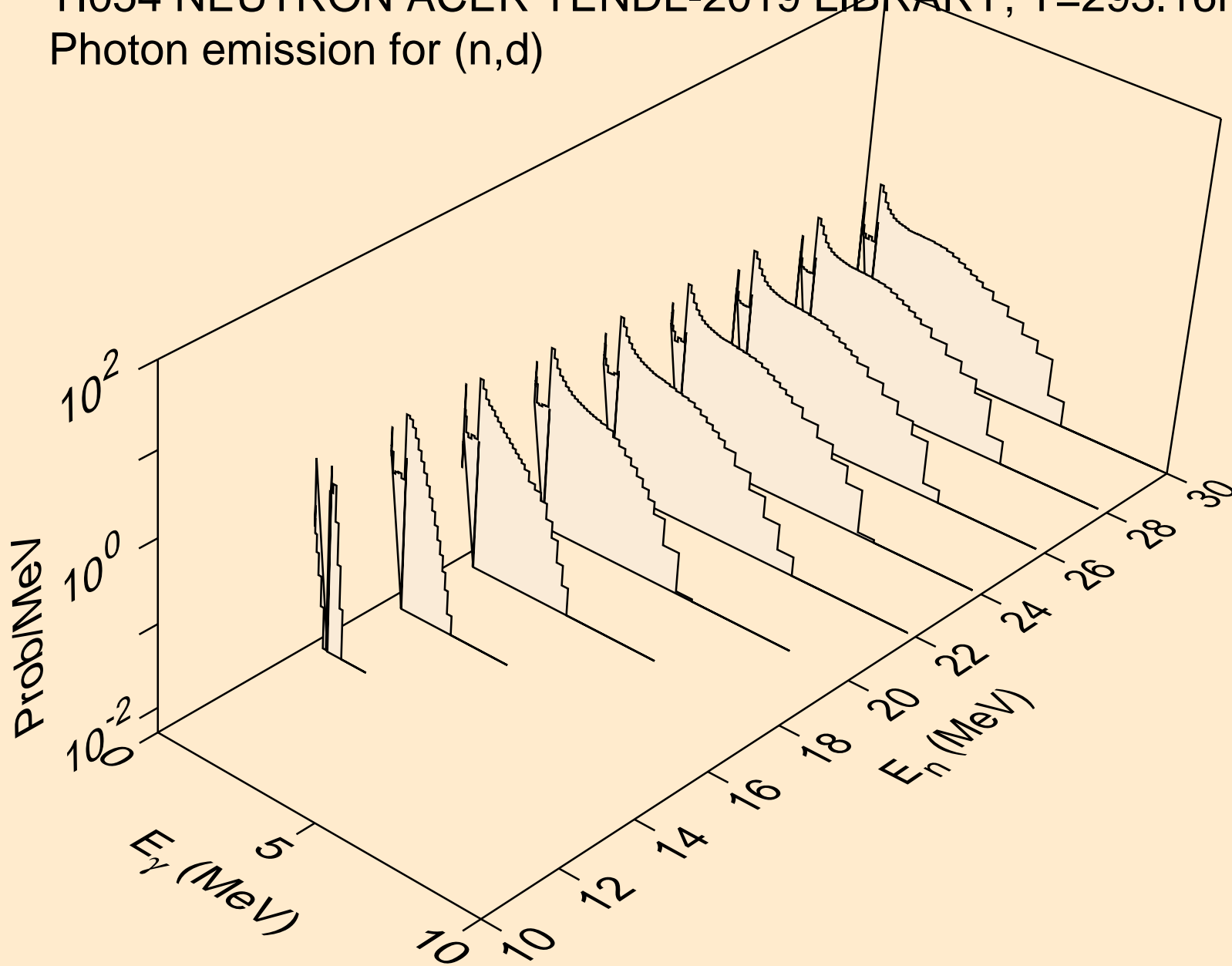
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Photon emission for (n,gma)



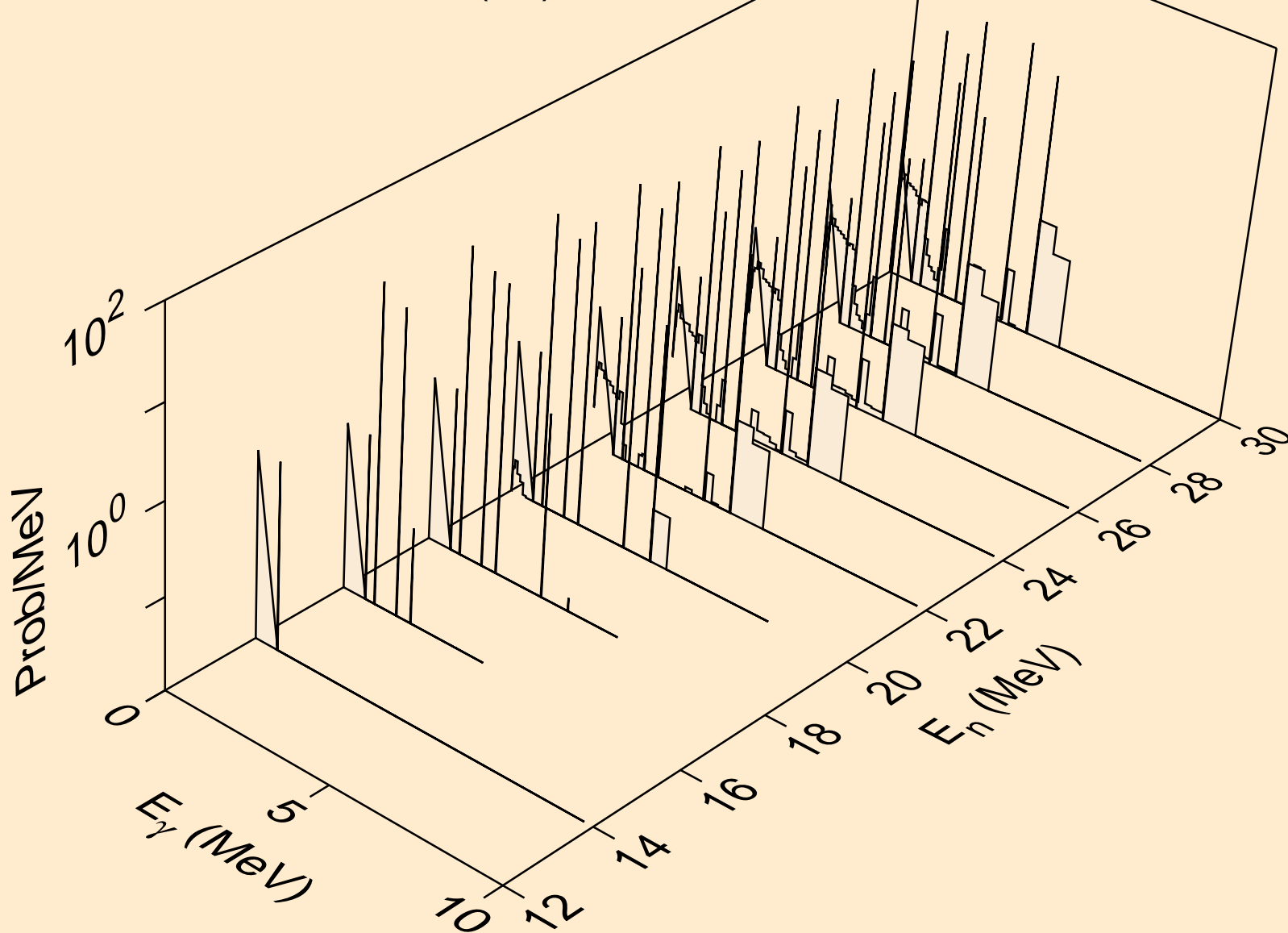
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Photon emission for (n,p)



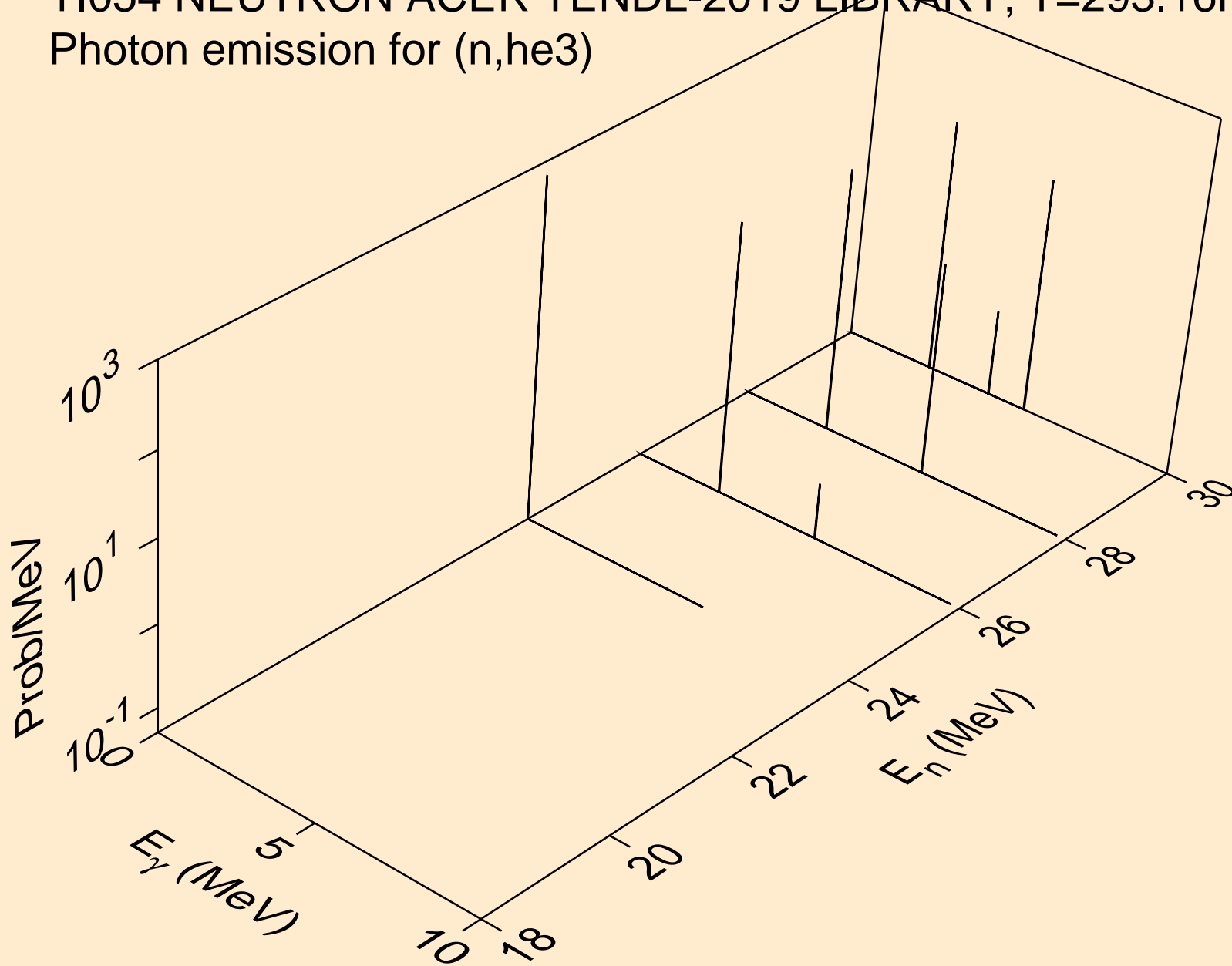
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Photon emission for (n,d)



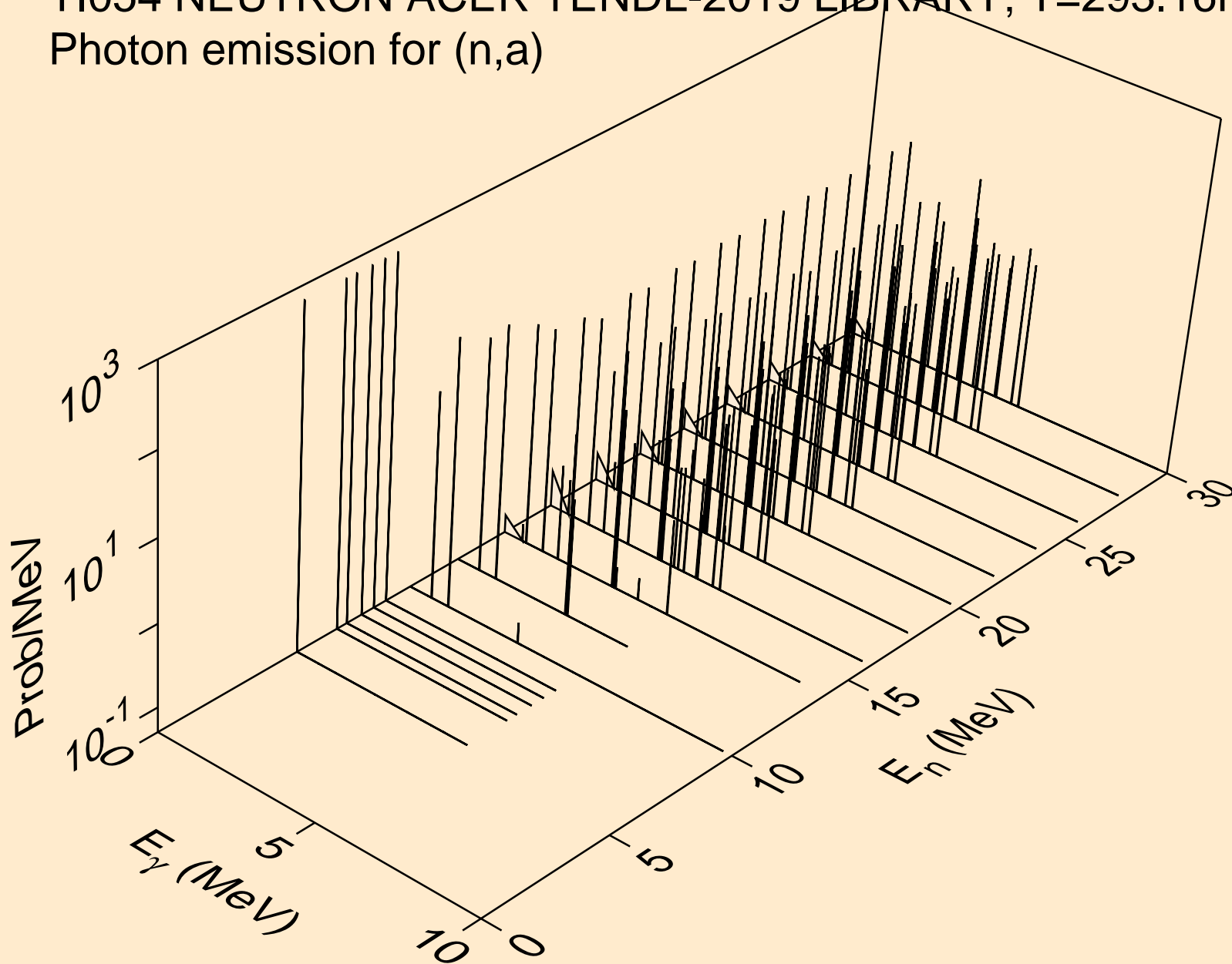
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Photon emission for (n,t)



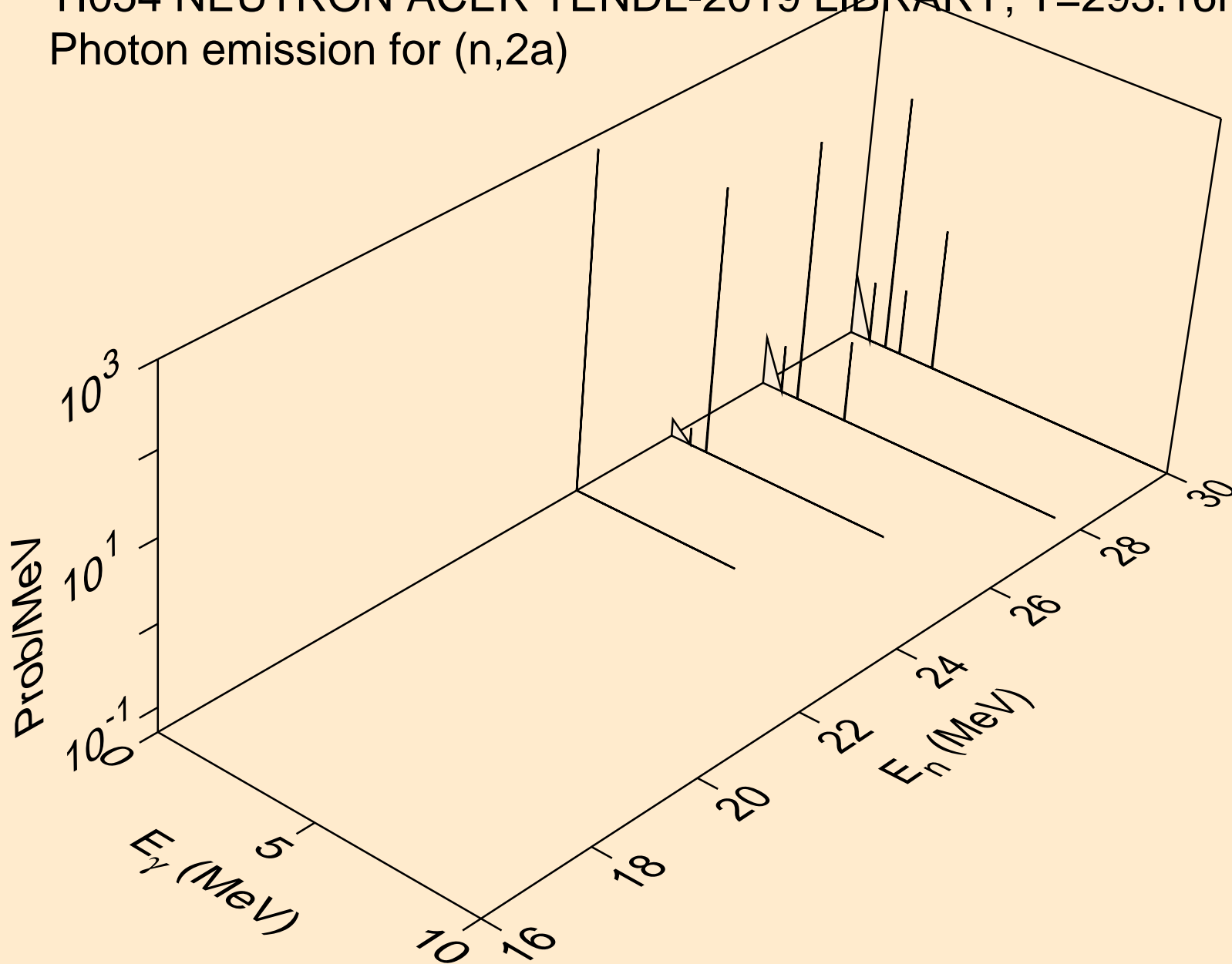
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Photon emission for (n,he3)



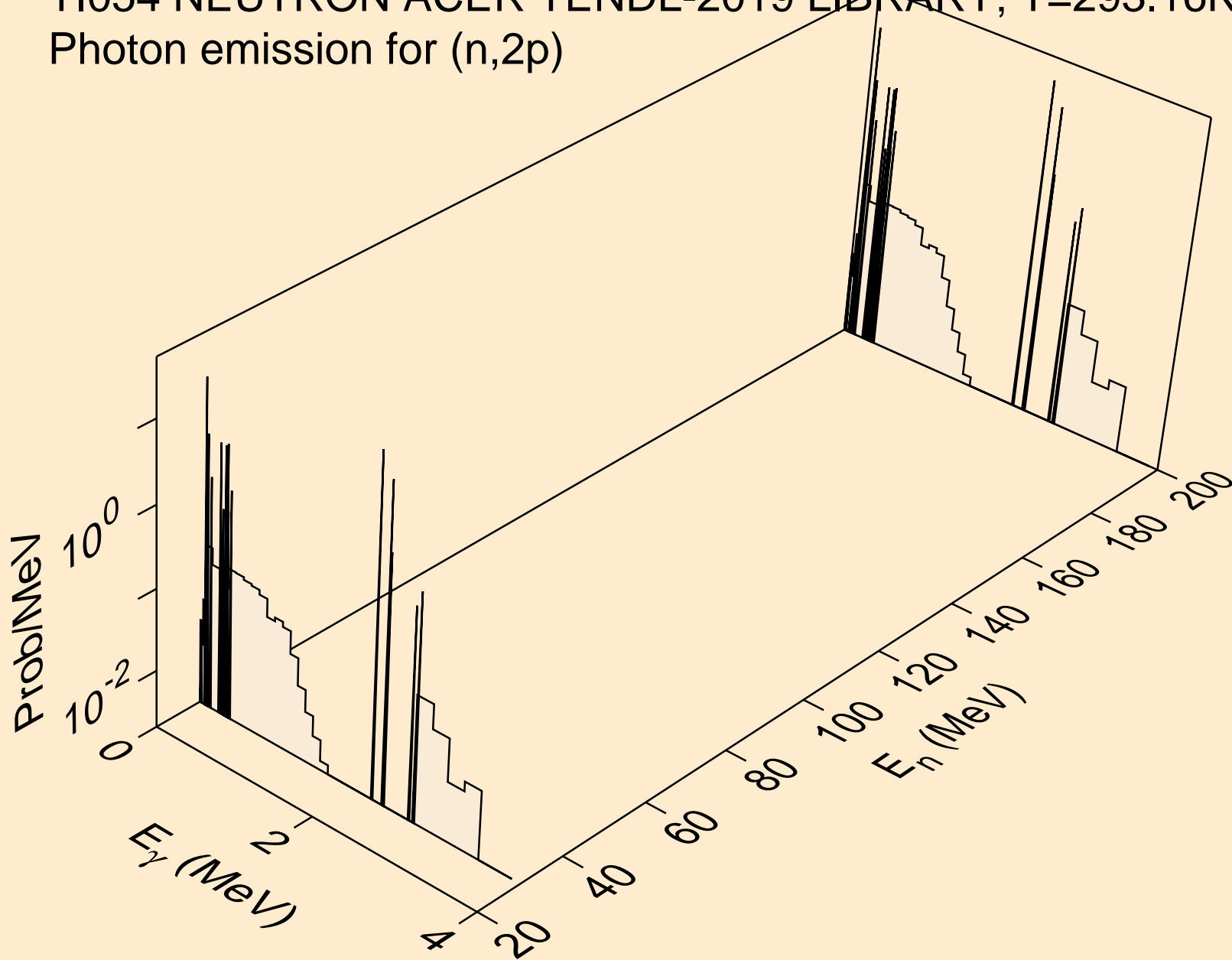
TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2a)

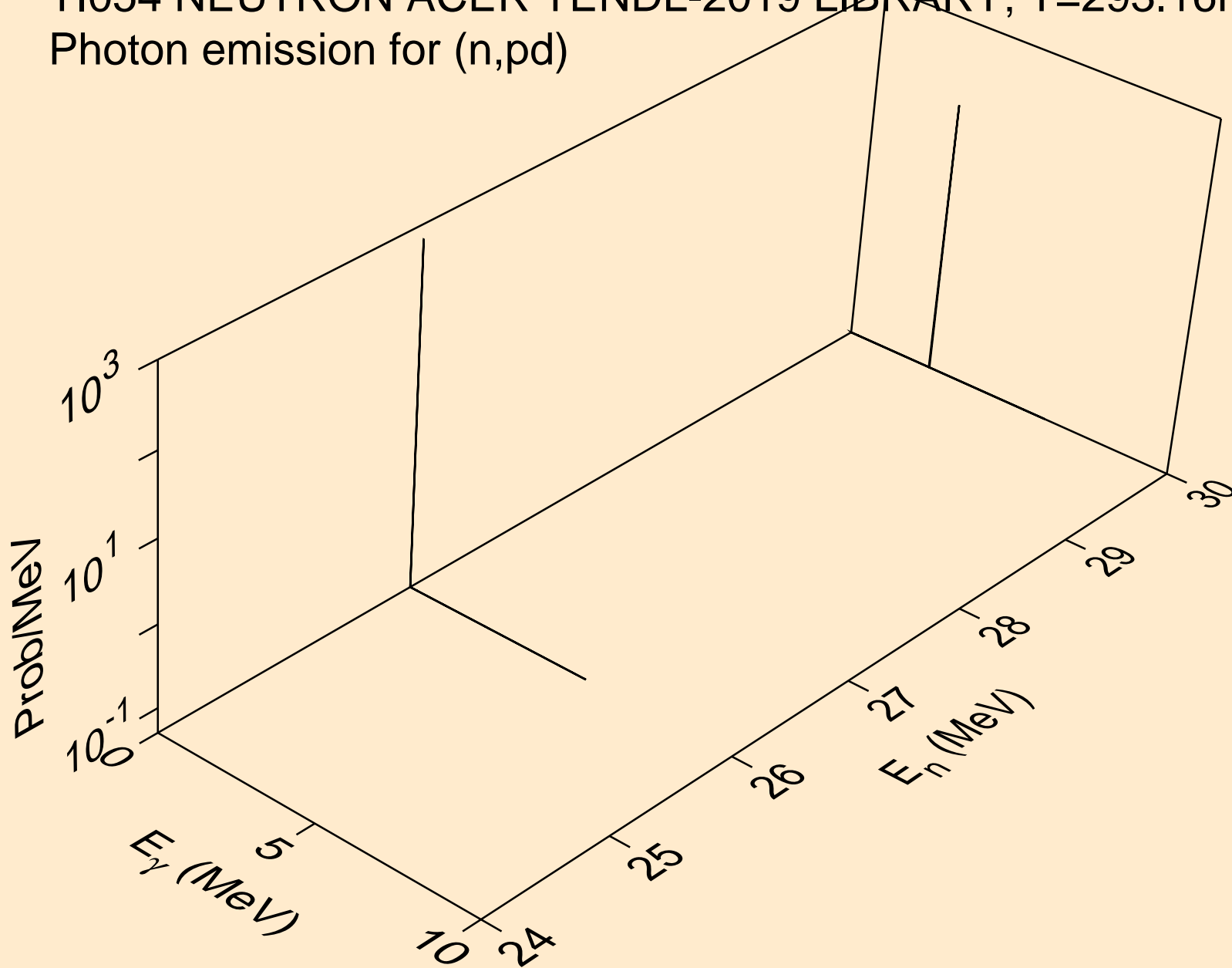


TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)

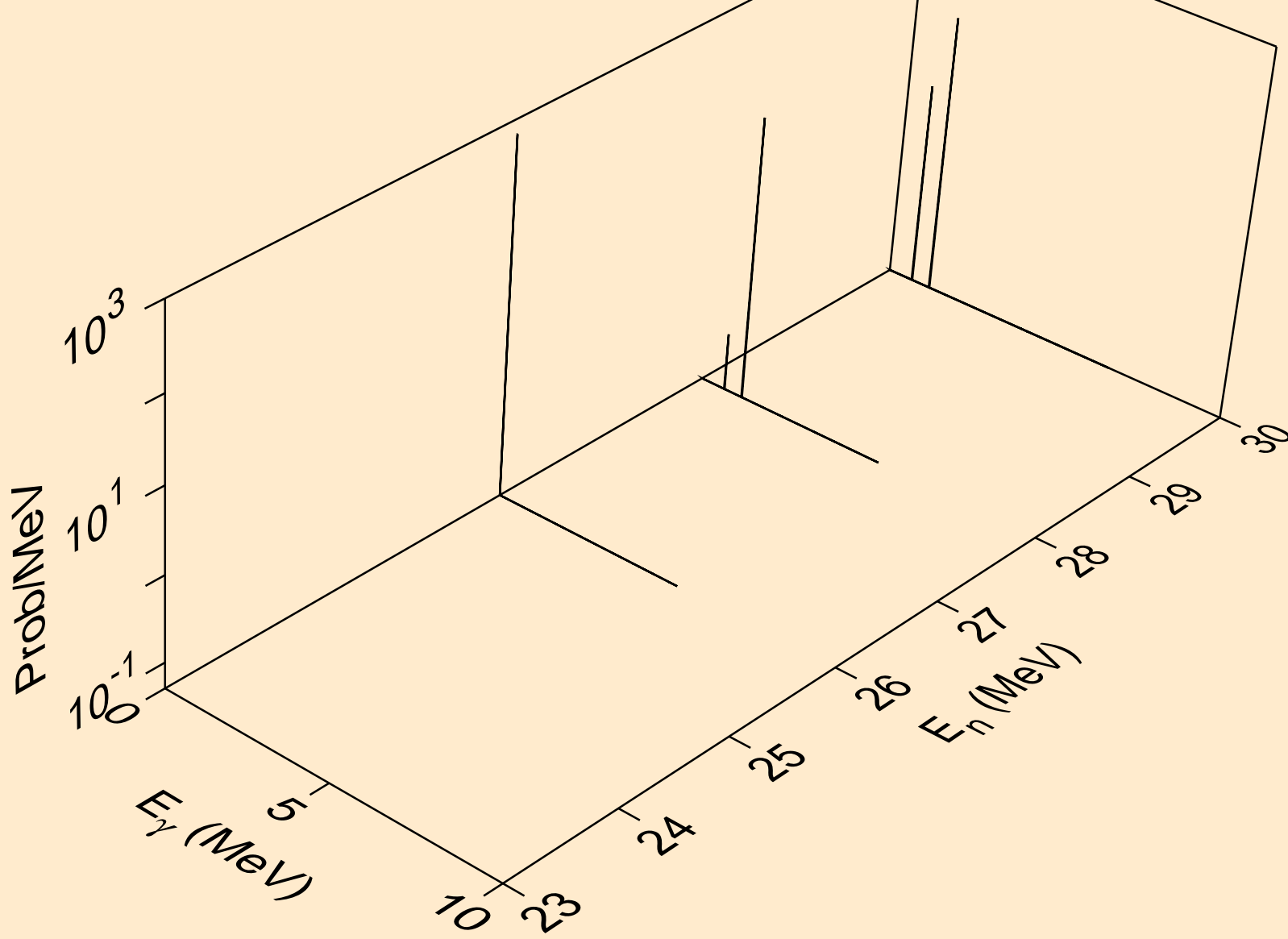




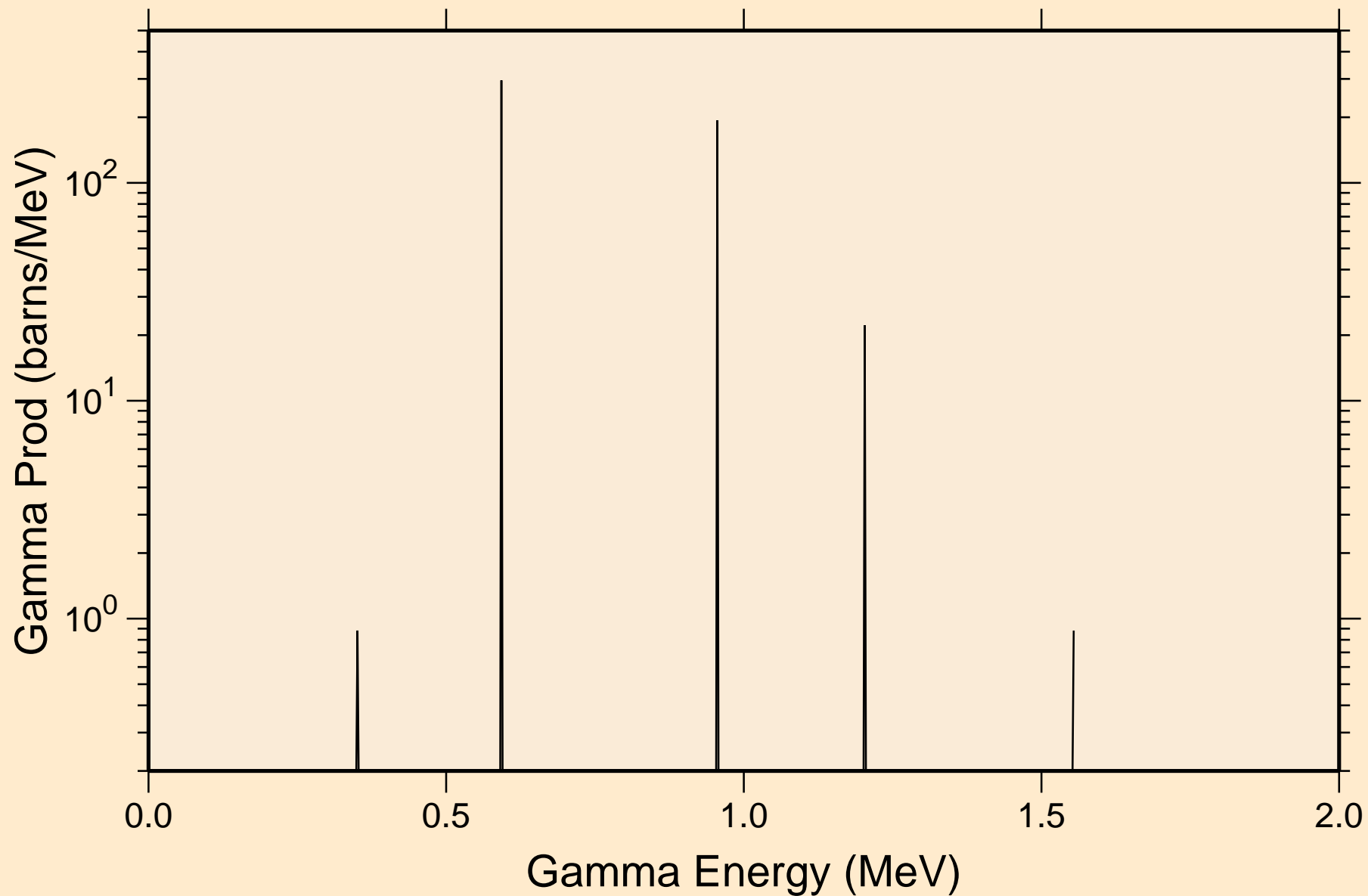
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Photon emission for (n,pd)



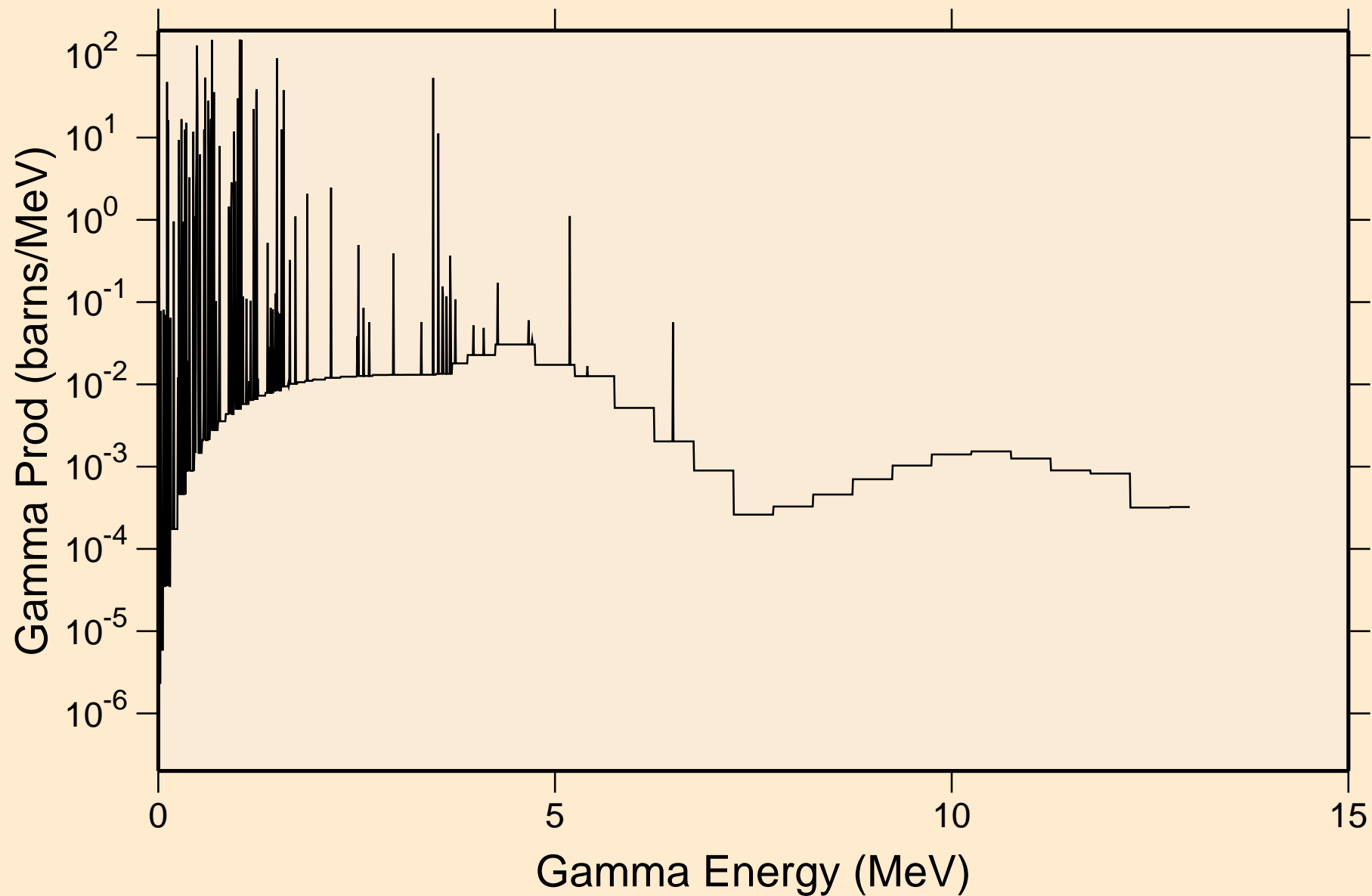
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Photon emission for (n,pt)



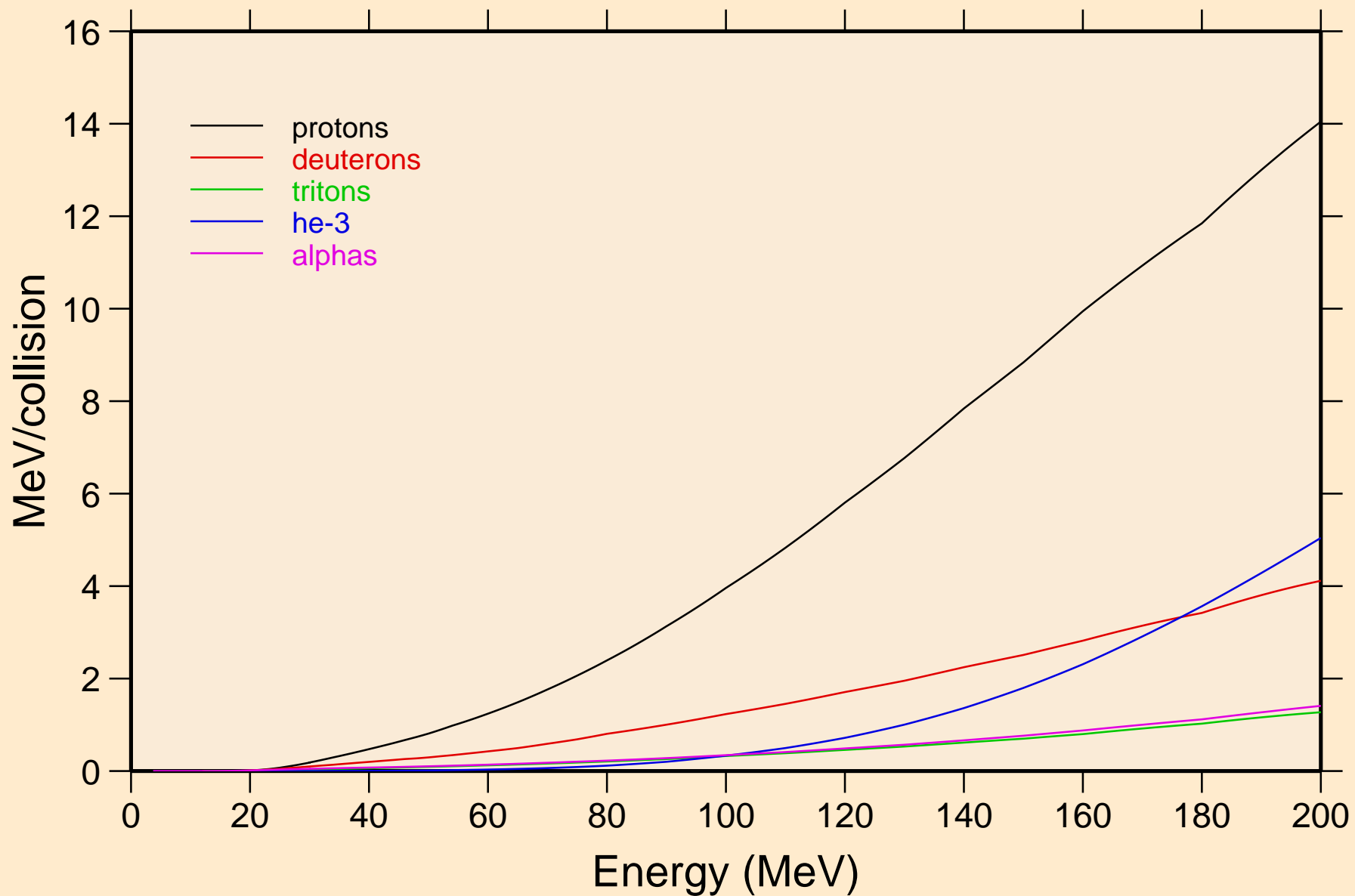
TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum



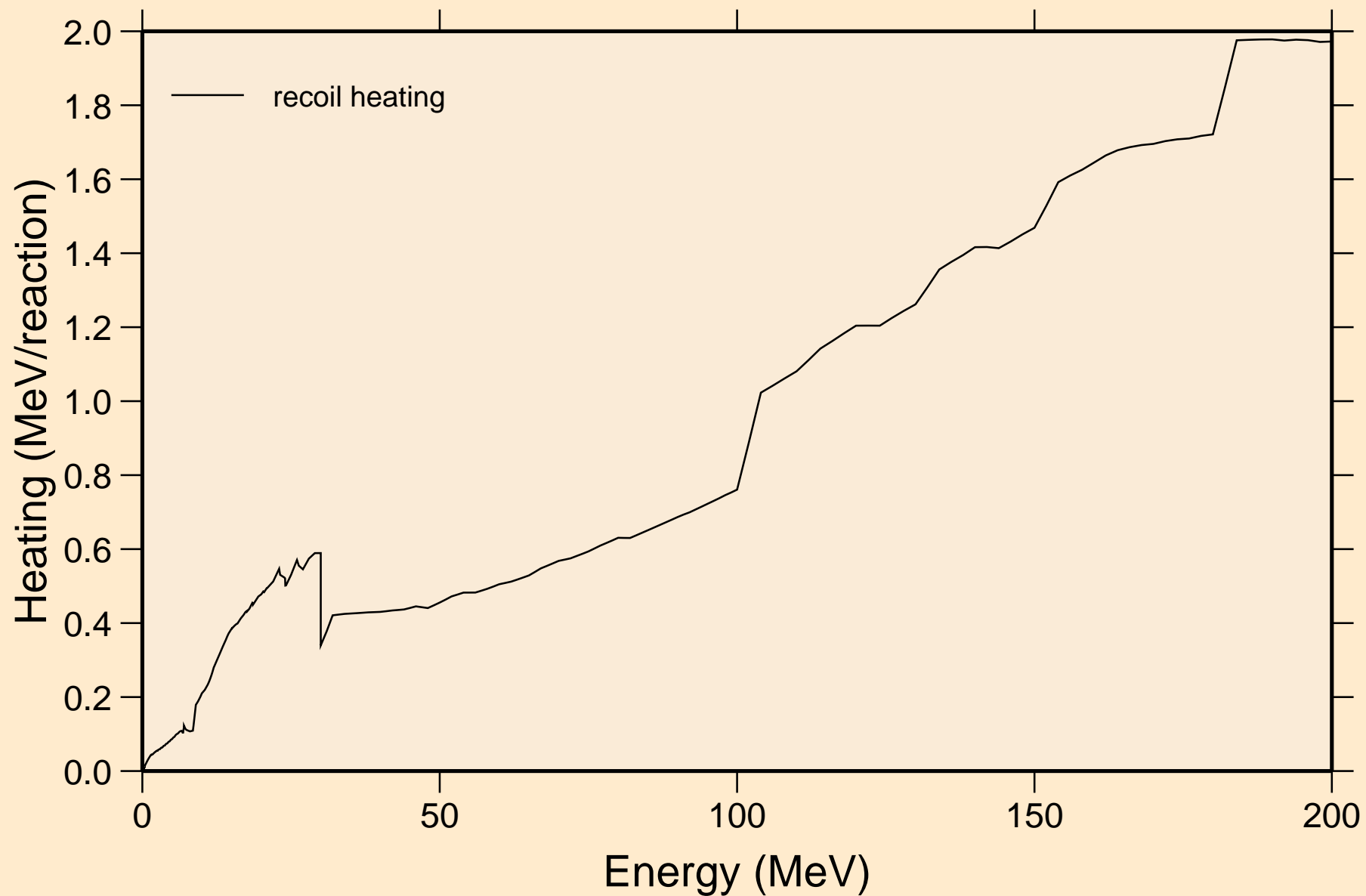
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14 MeV photon spectrum



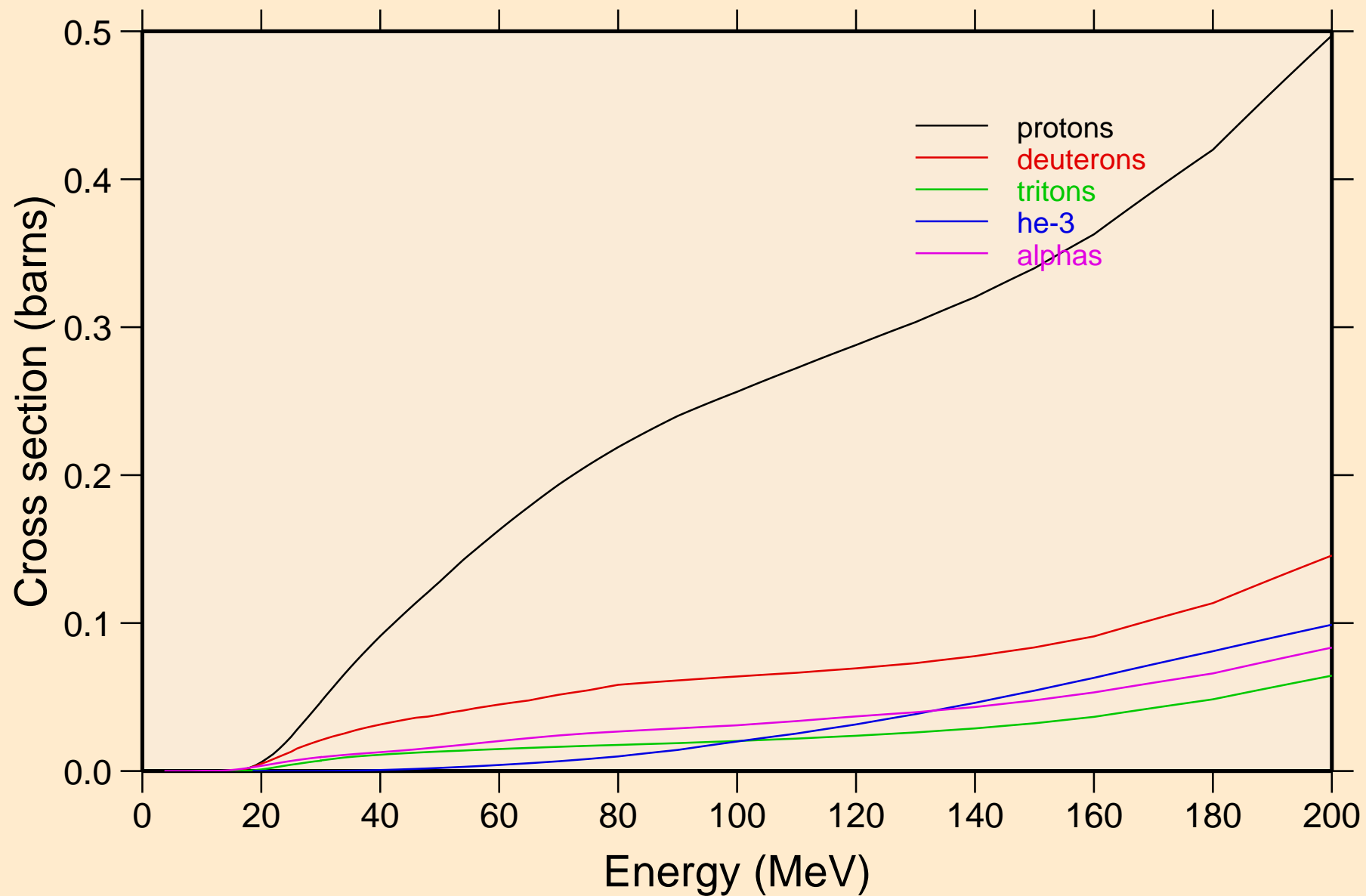
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Particle heating contributions



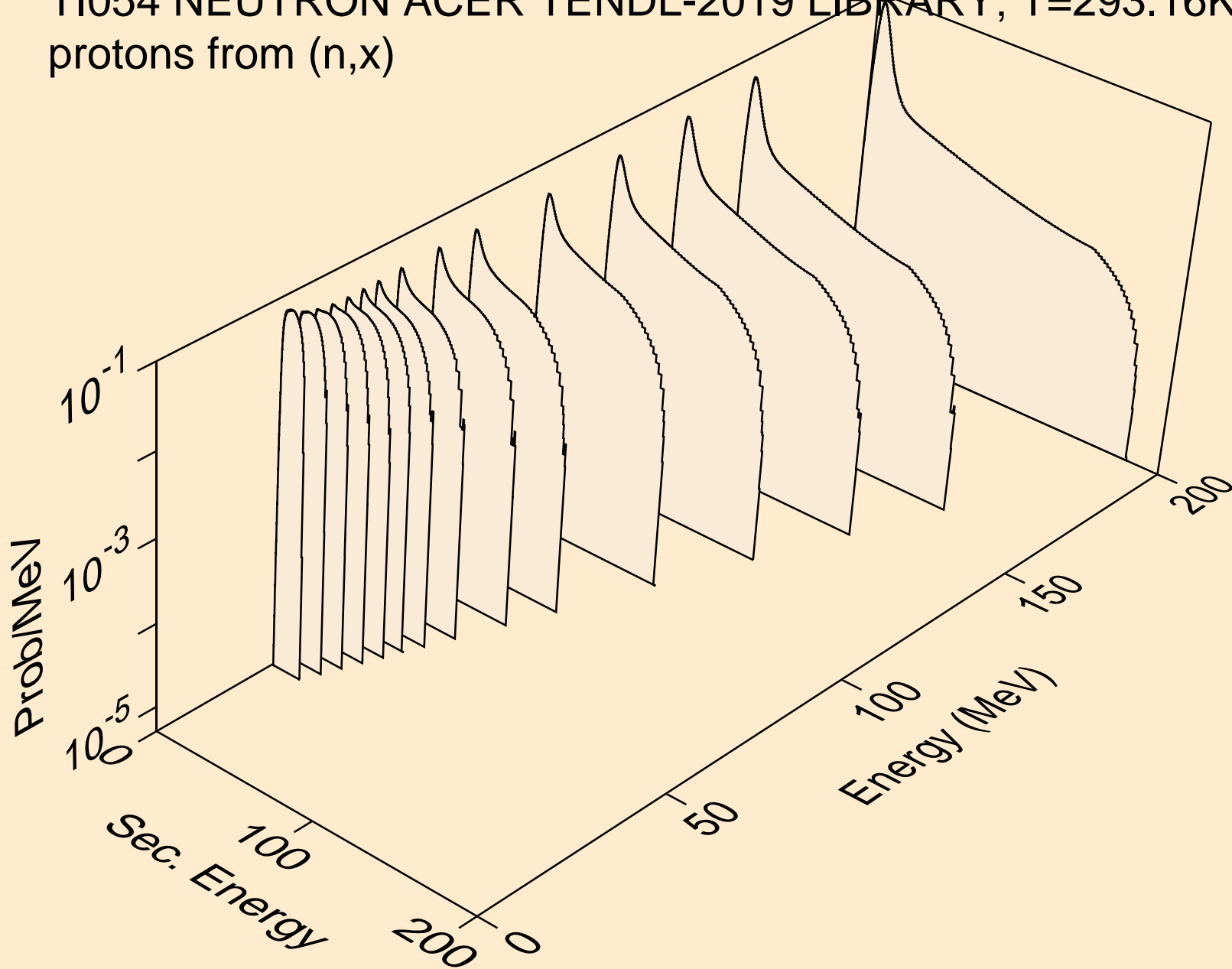
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Recoil Heating



TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections

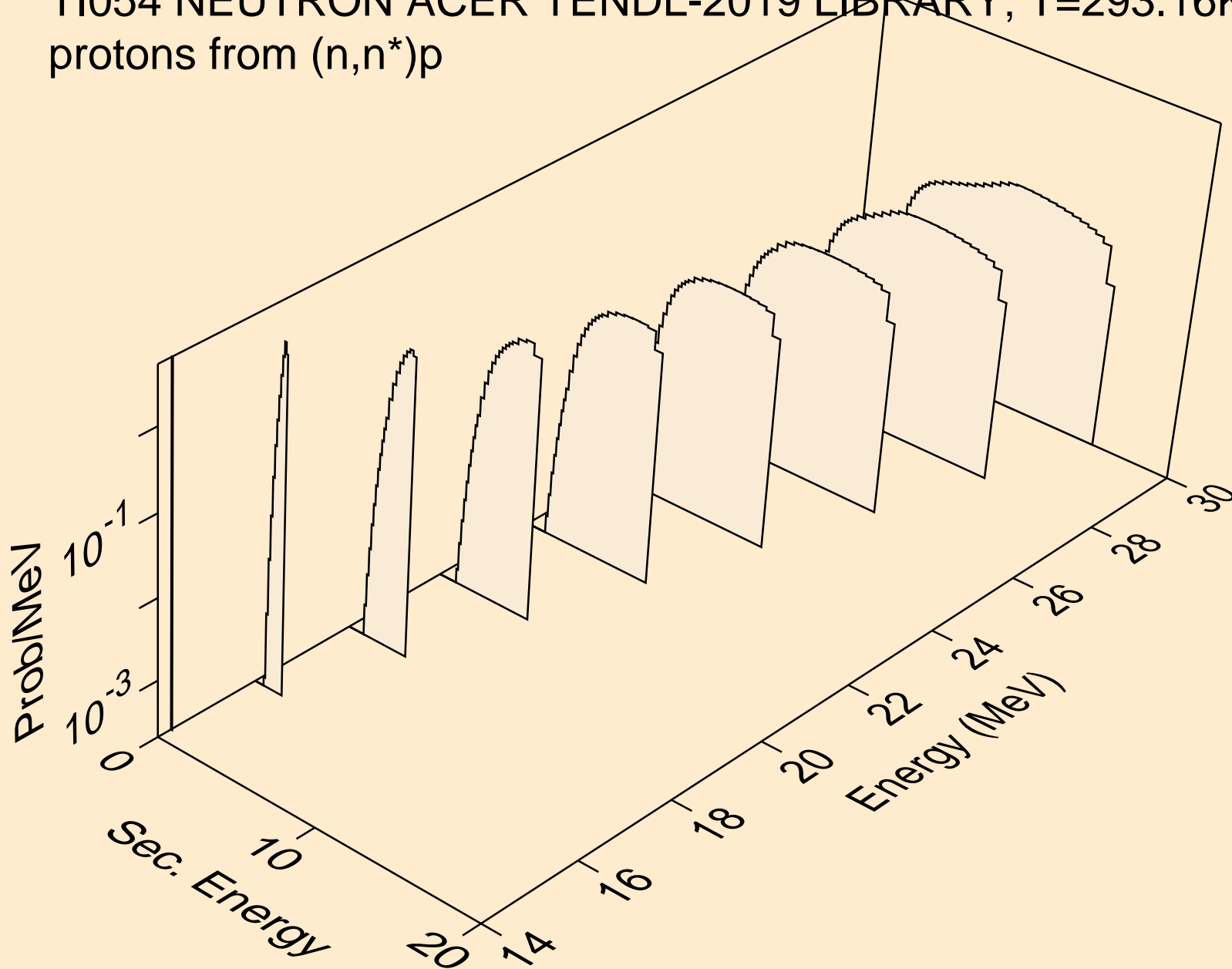


TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)

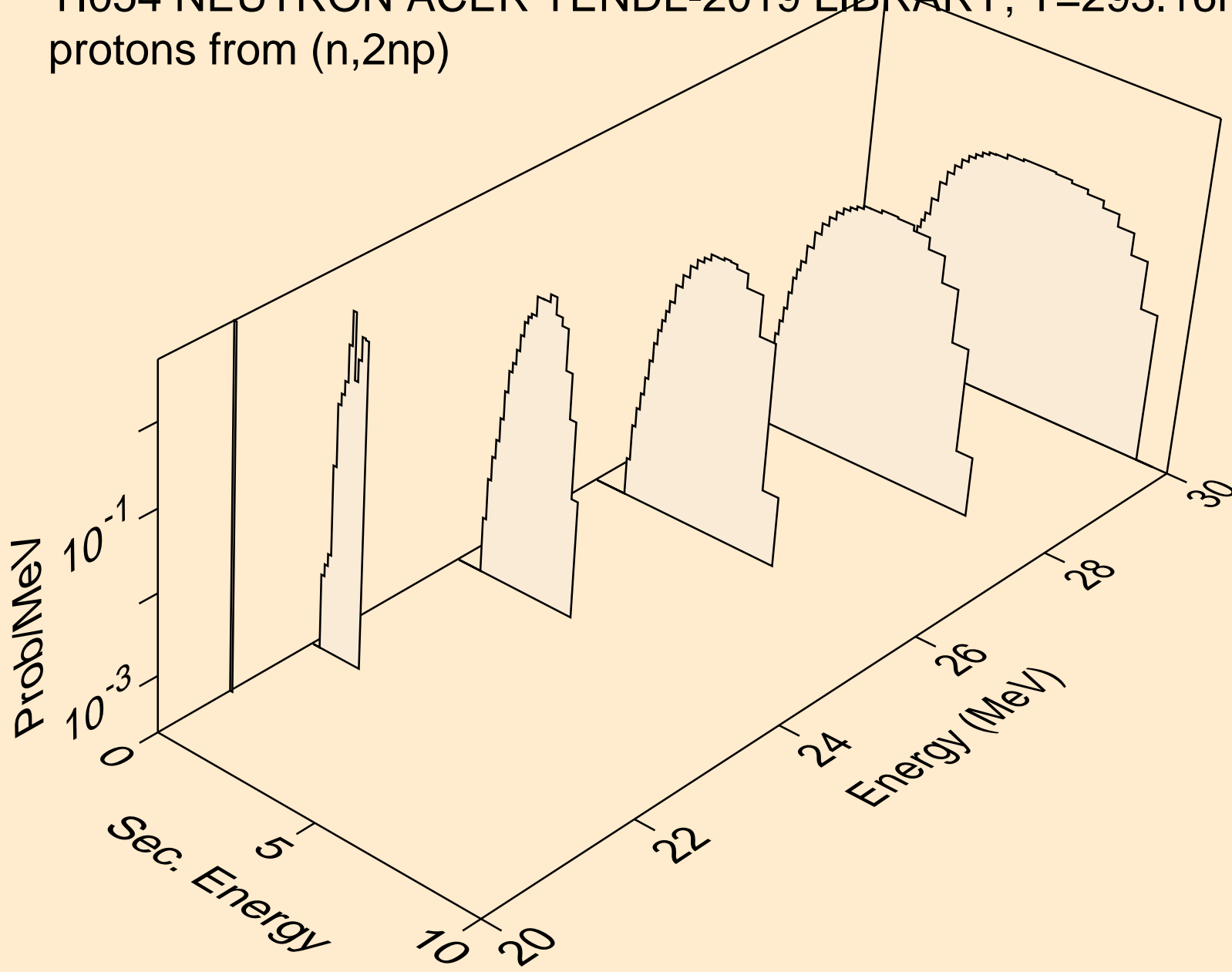




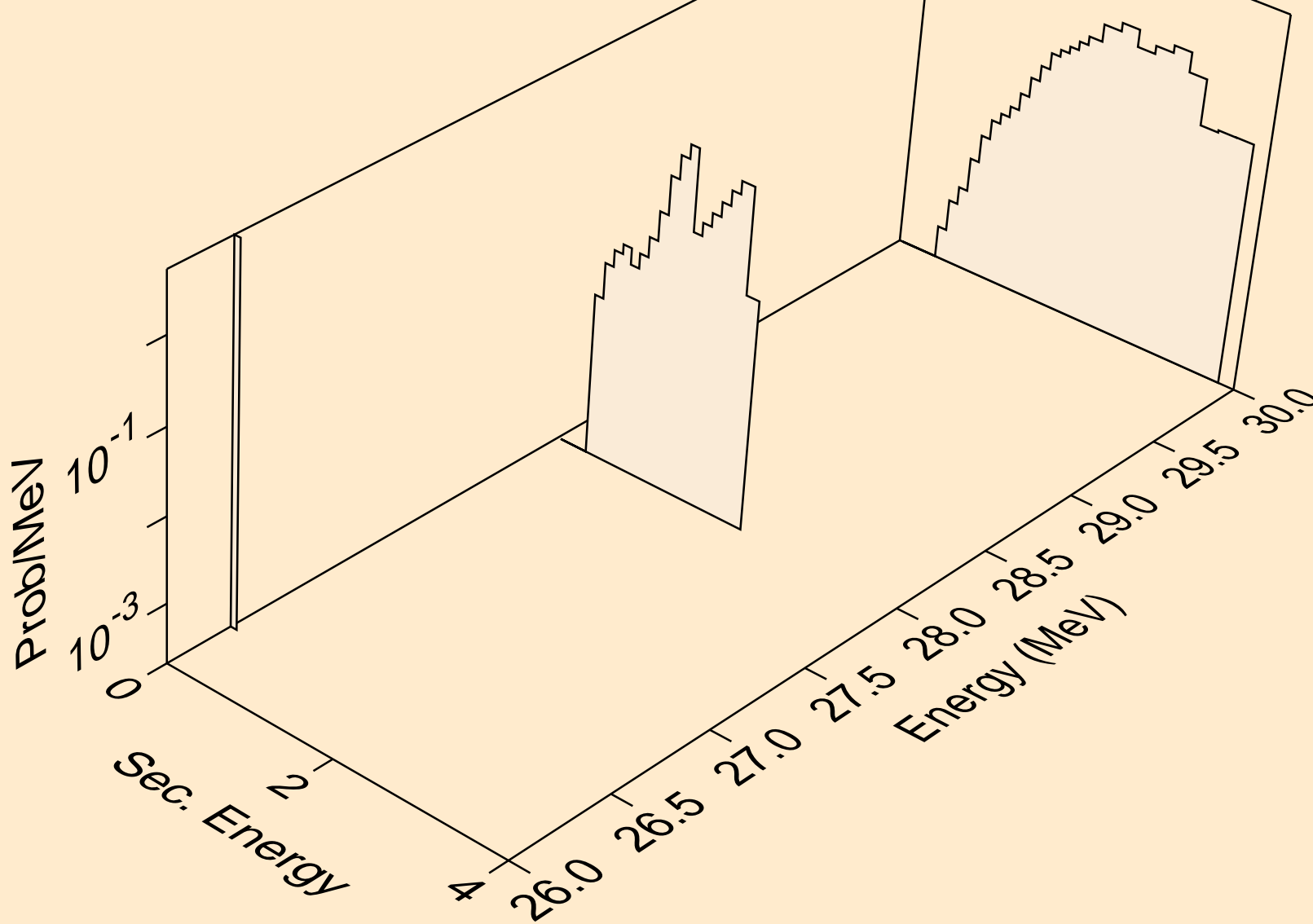
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protons from (n,n\*)p



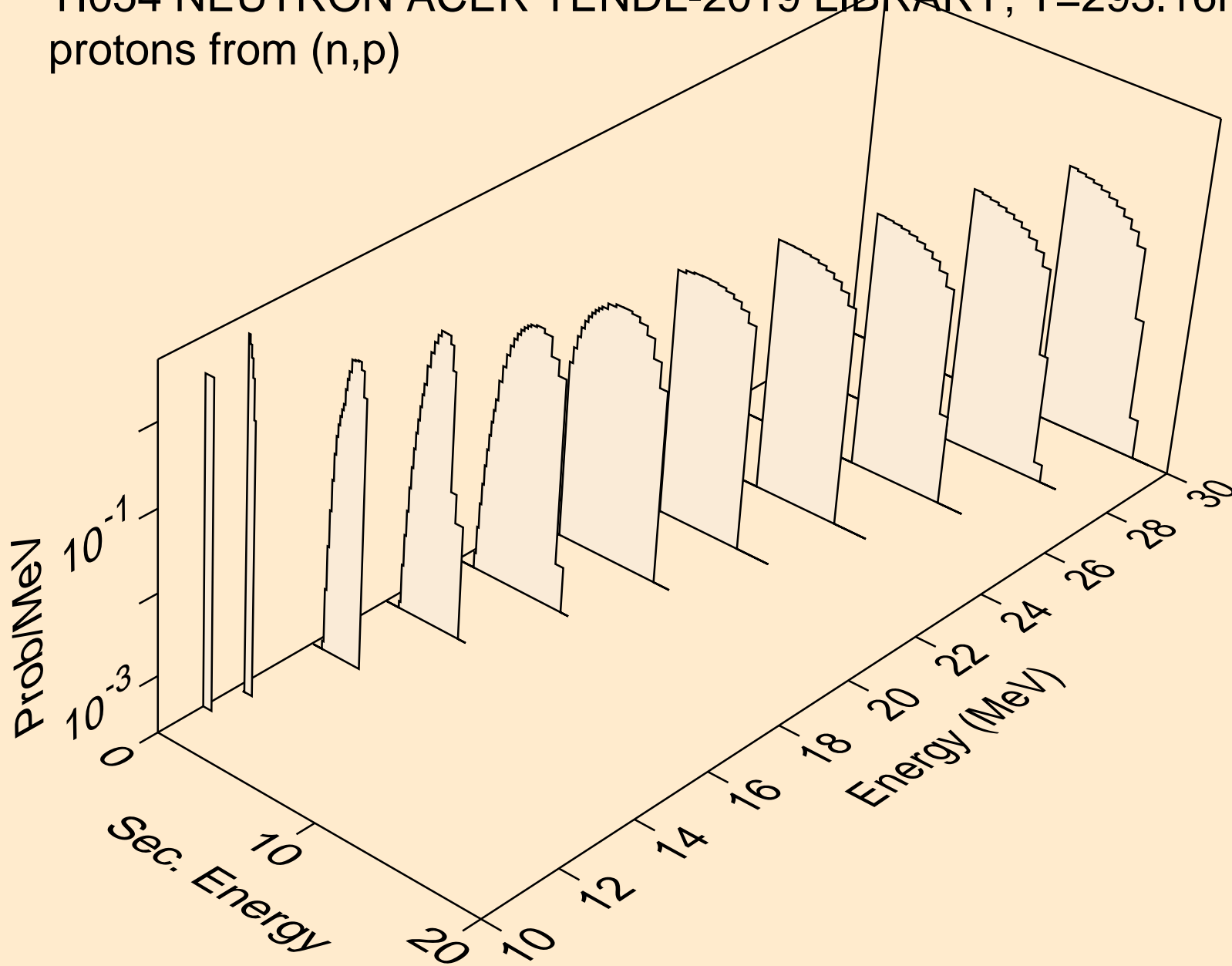
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protons from (n,2np)



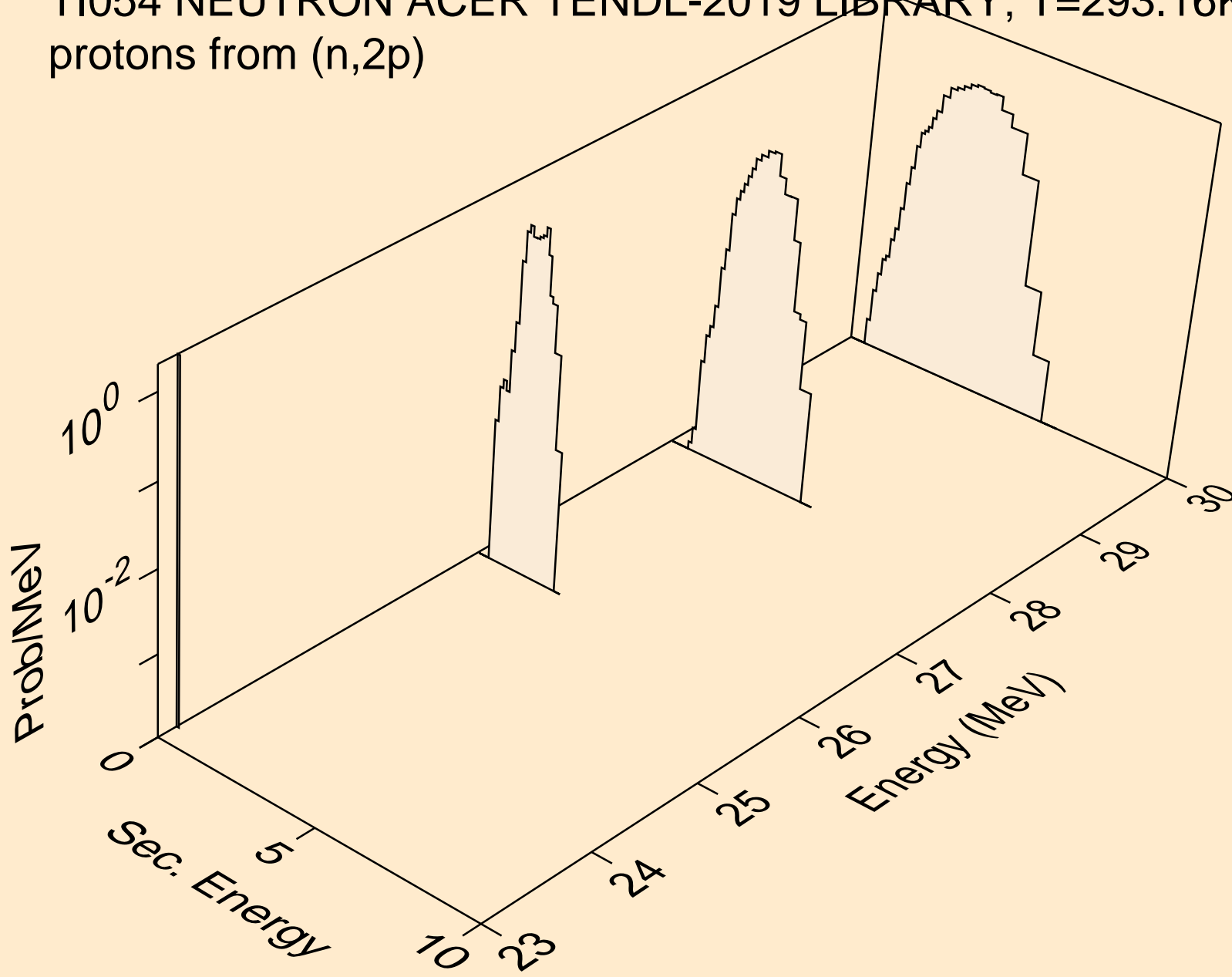
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protons from (n,3np)



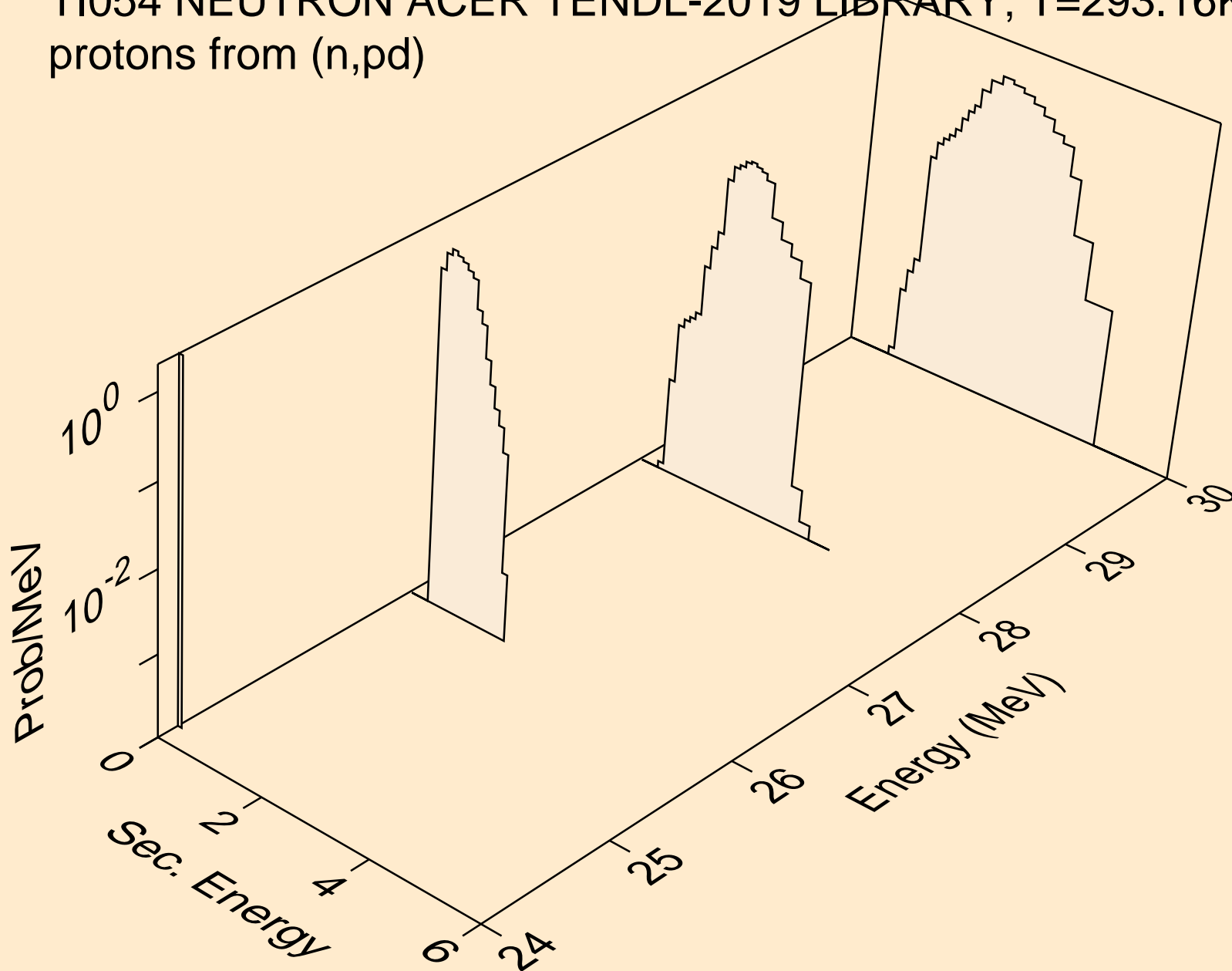
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protons from (n,p)



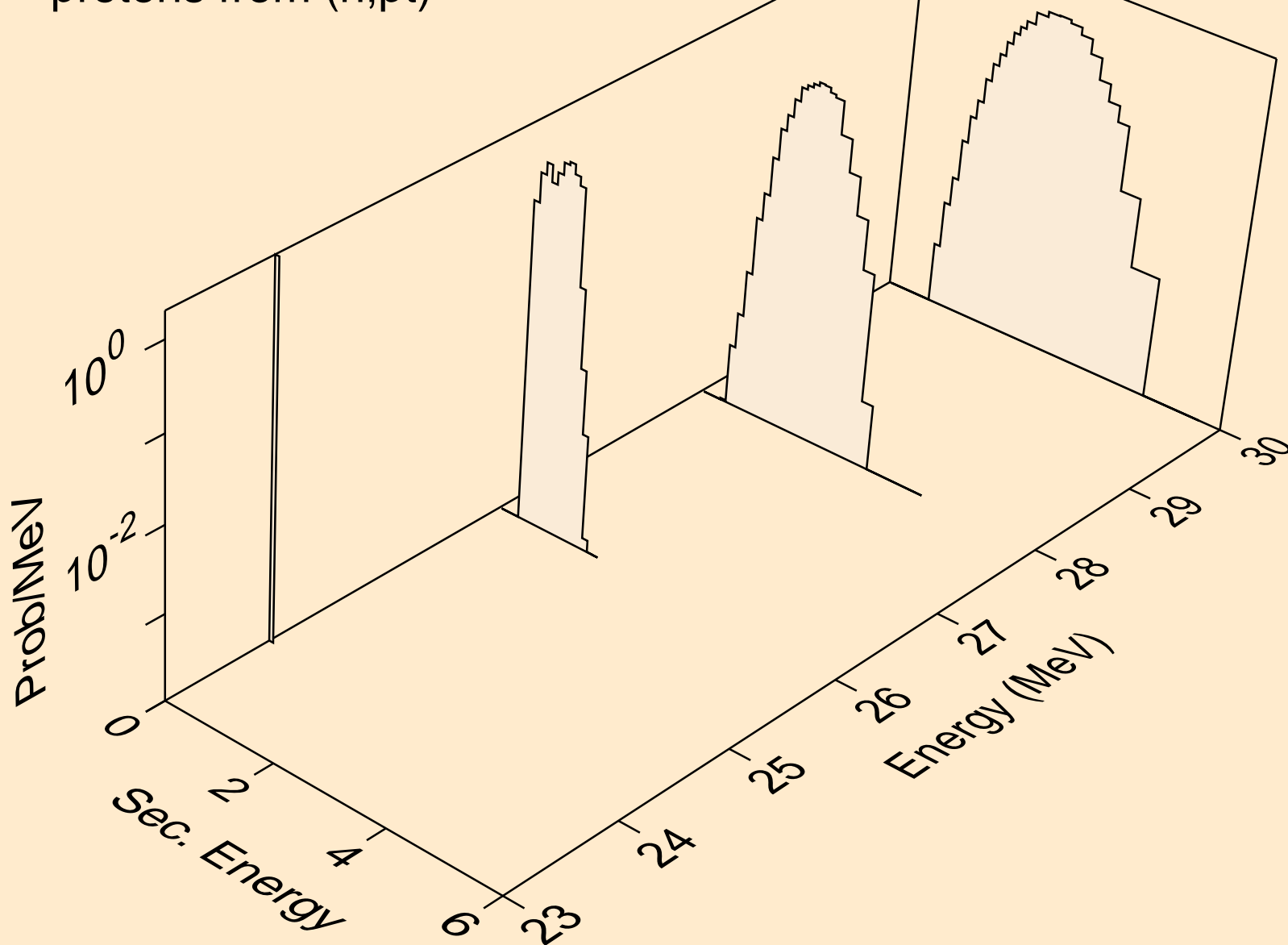
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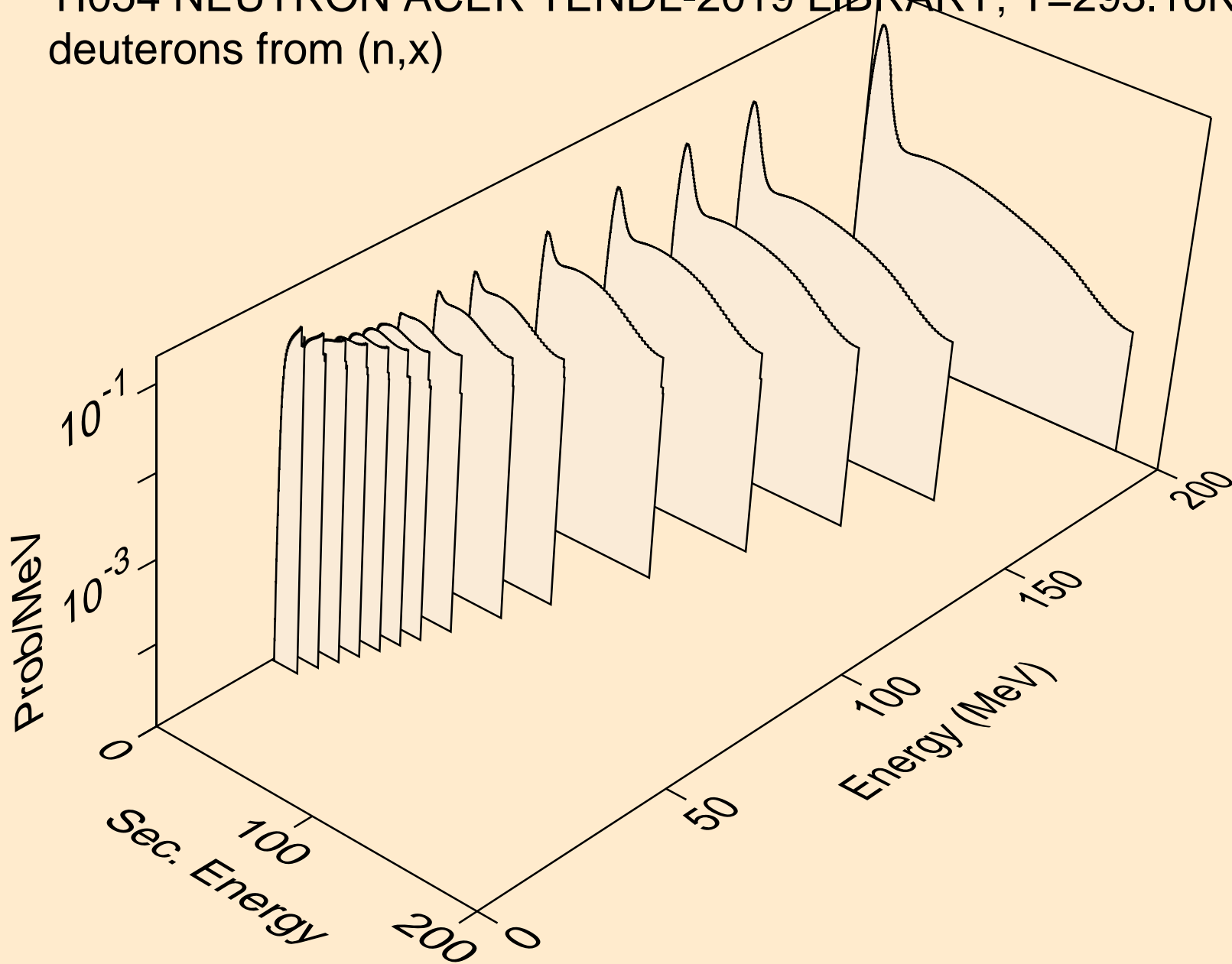
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protons from (n,pd)



TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pt)

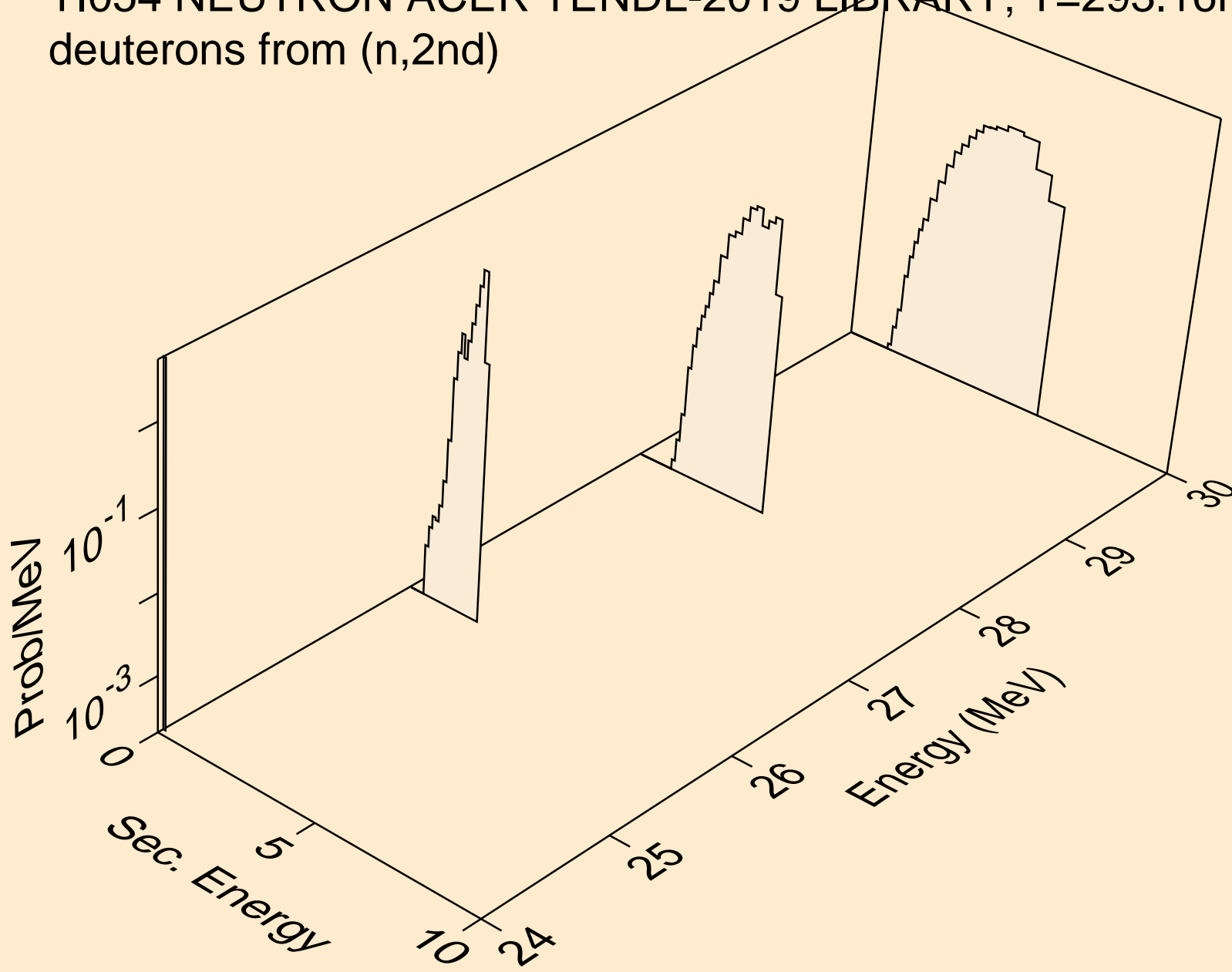


TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)

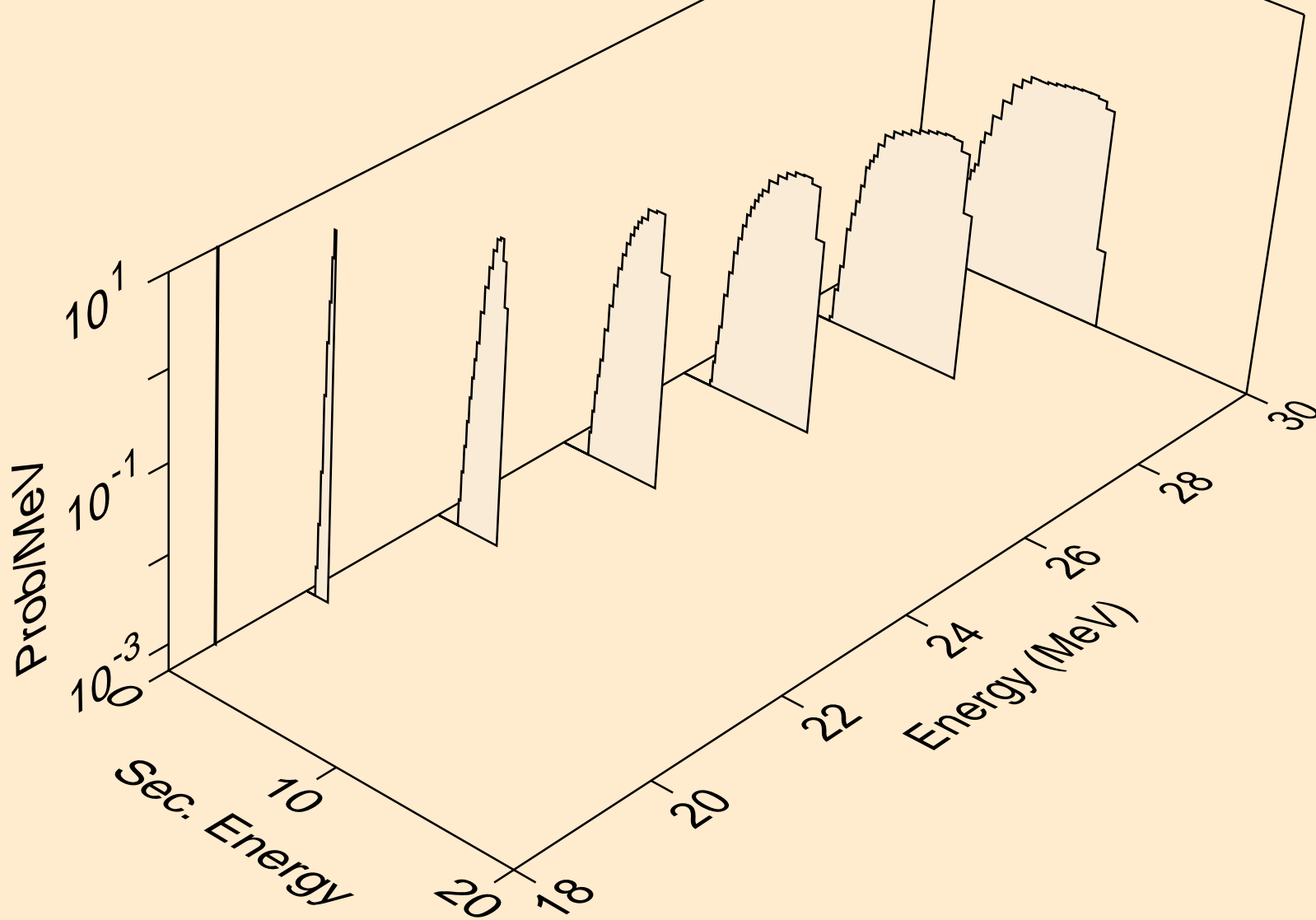




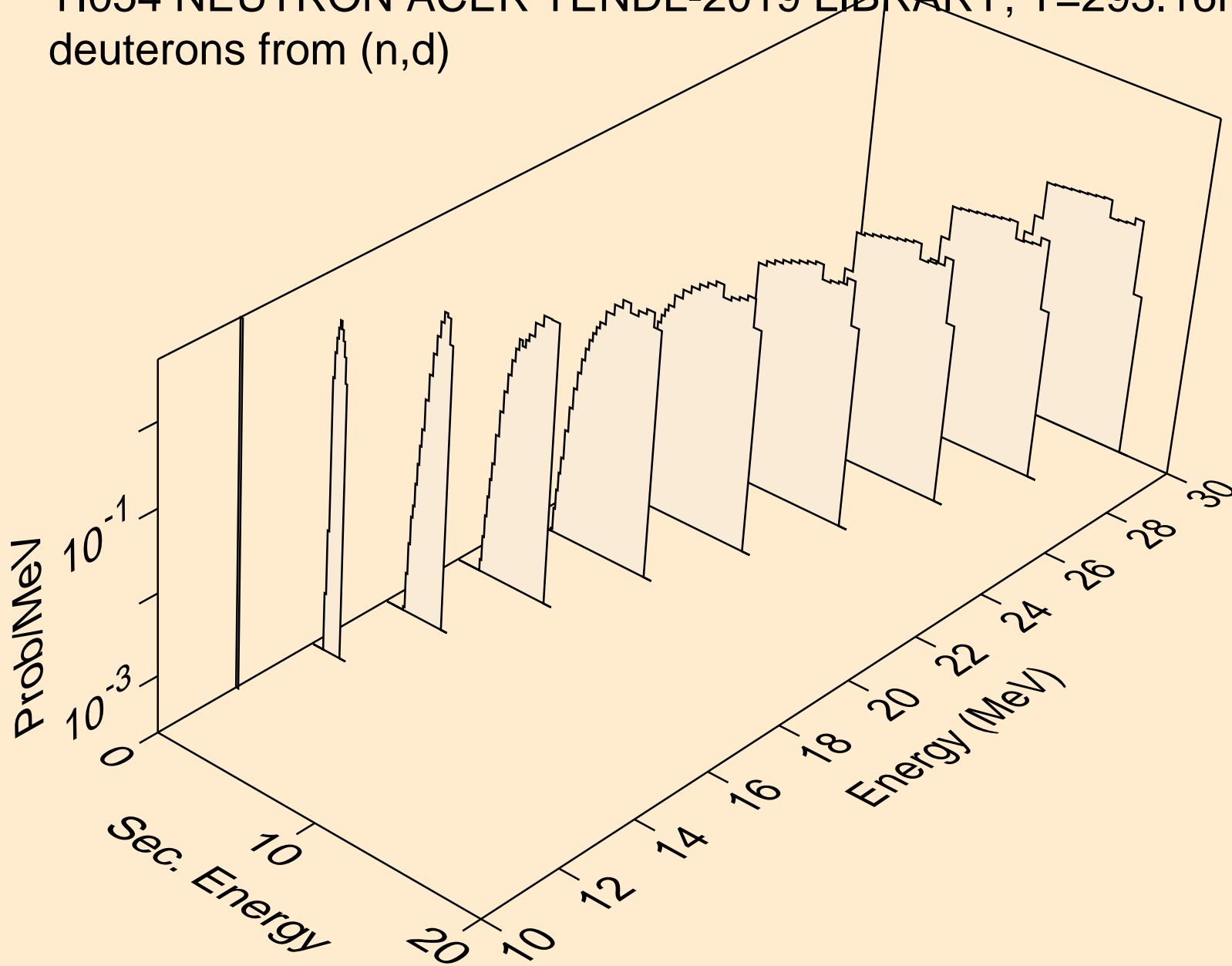
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deuterons from (n,2nd)



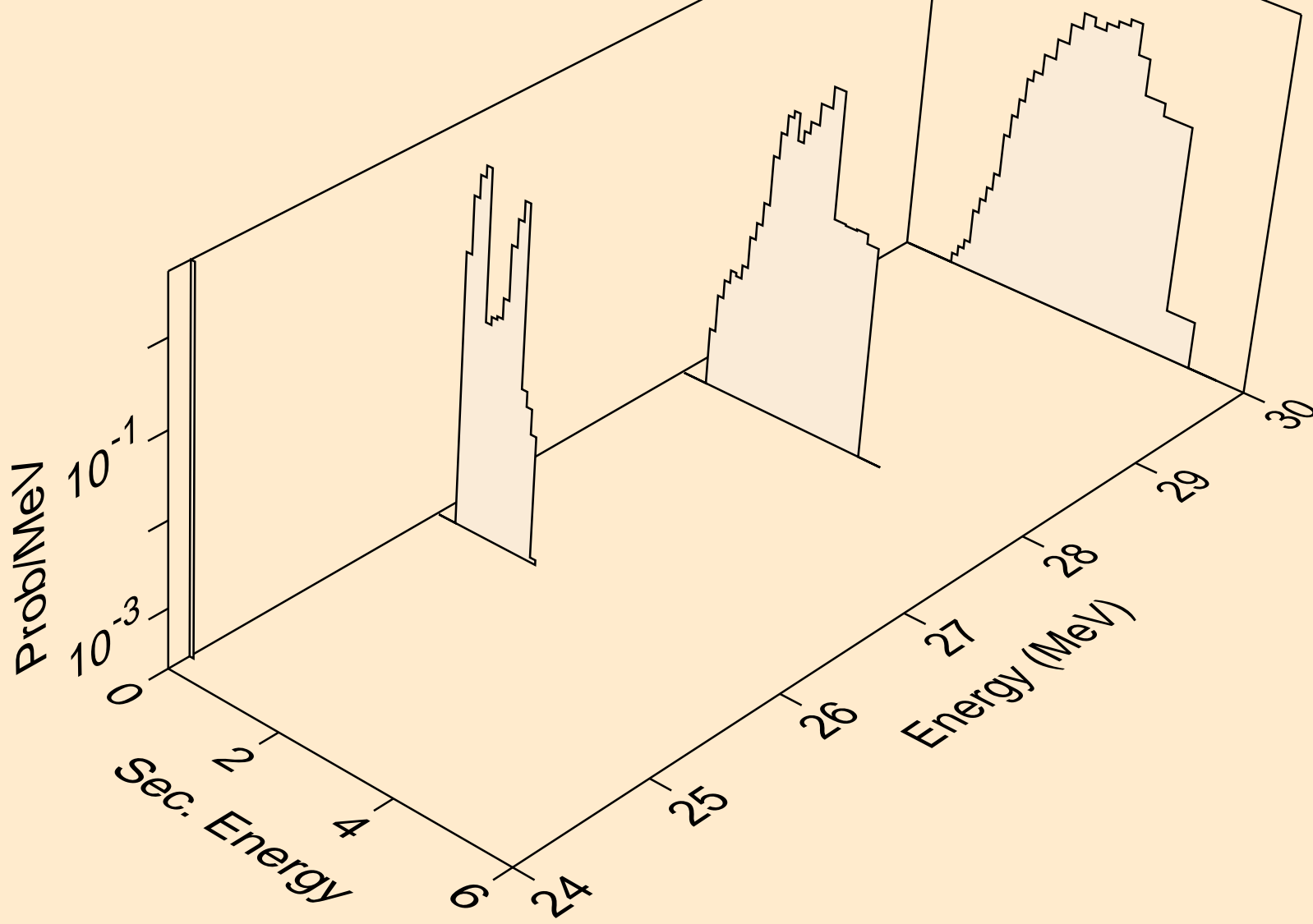
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deuterons from (n,n\*)d



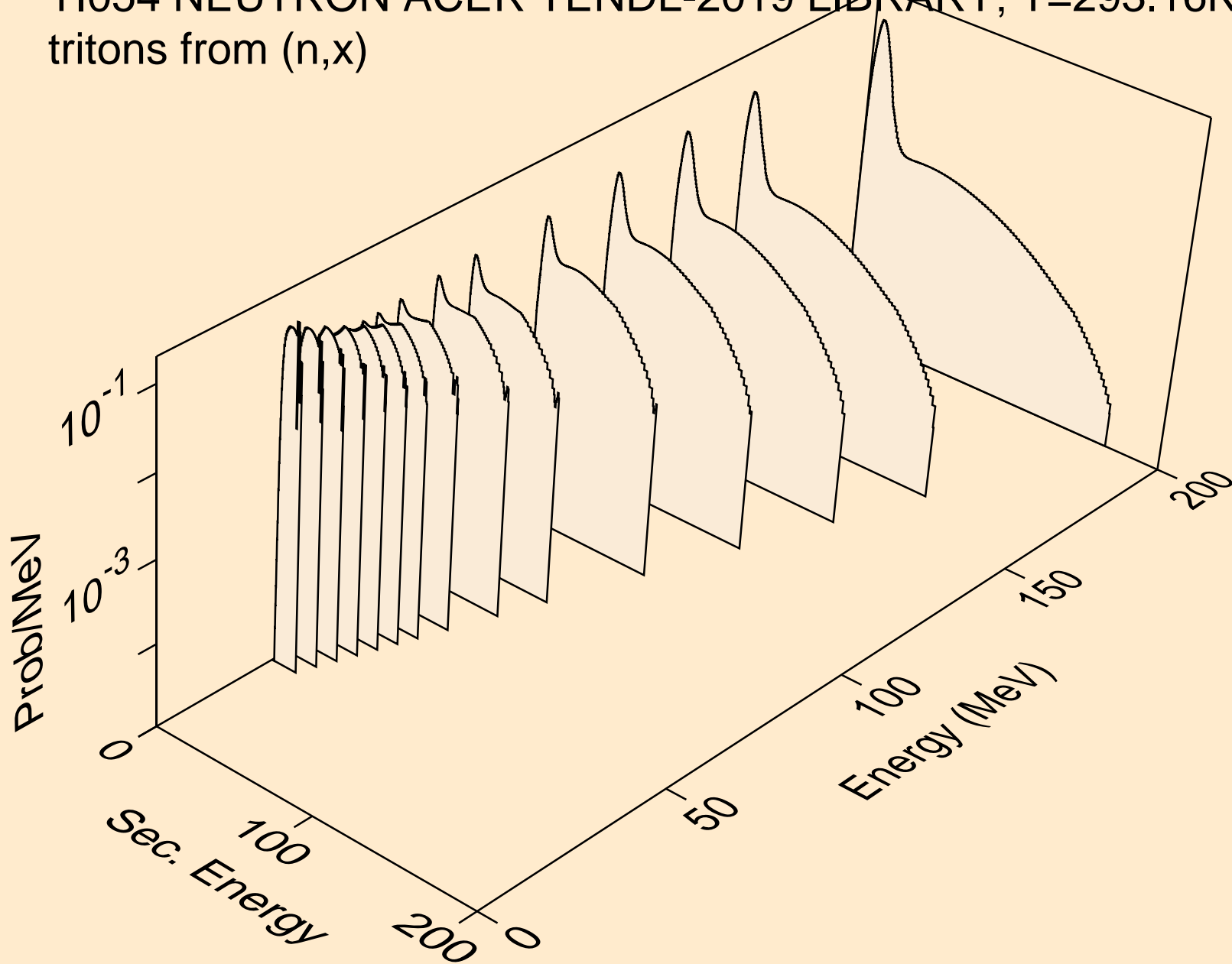
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deuterons from (n,d)



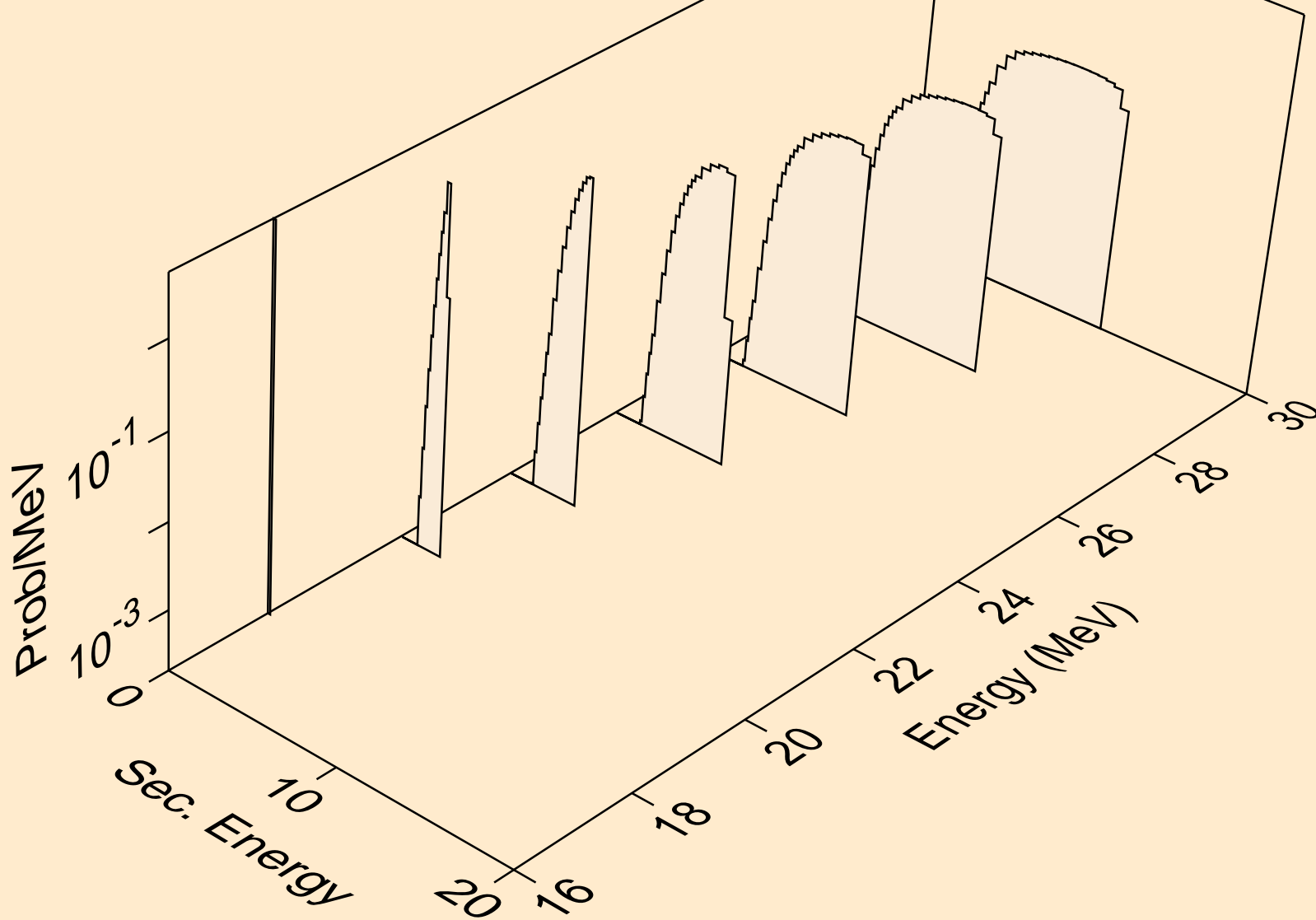
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deuterons from (n,pd)



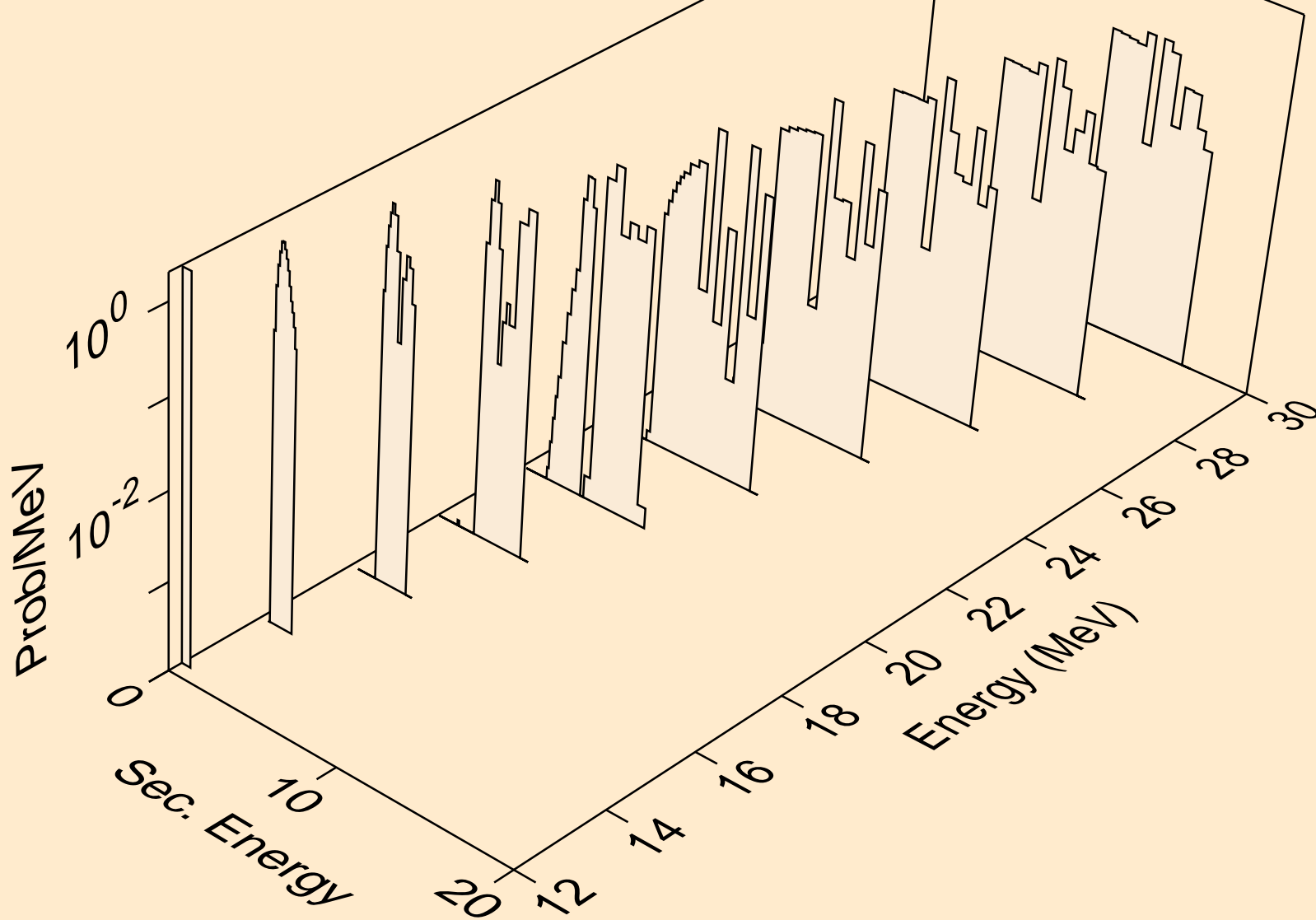
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tritons from (n,x)



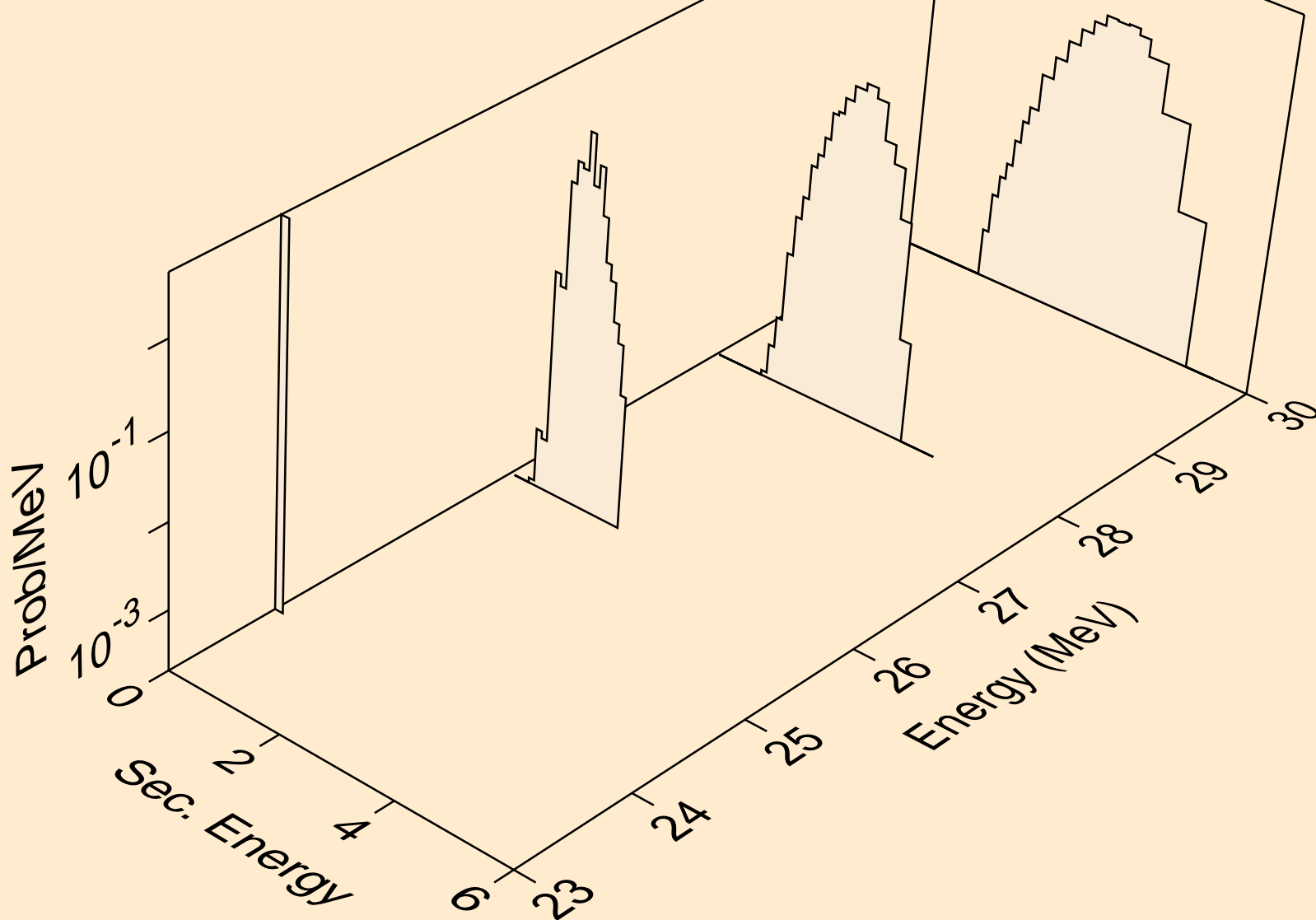
TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t



TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)

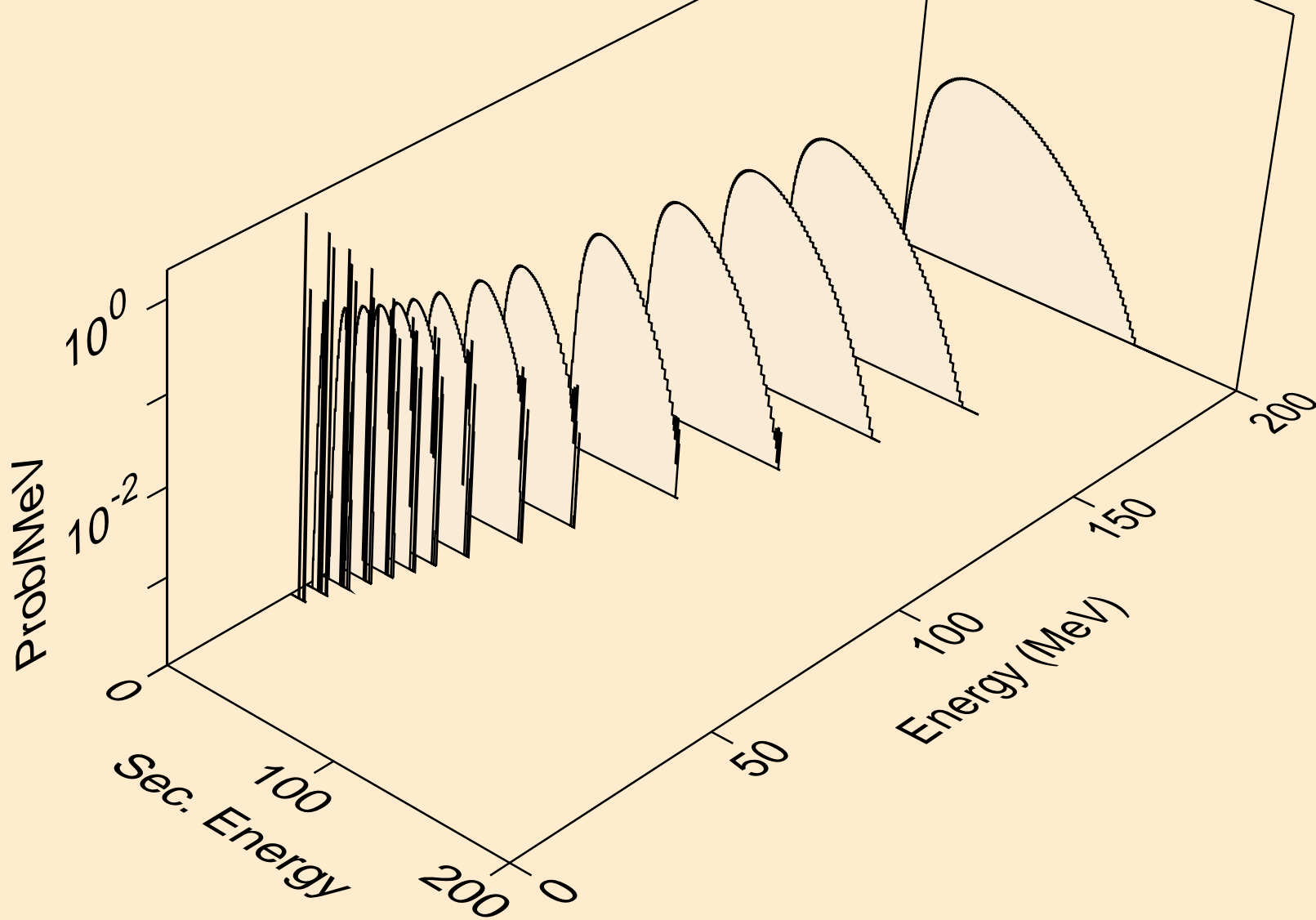


TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,pt)

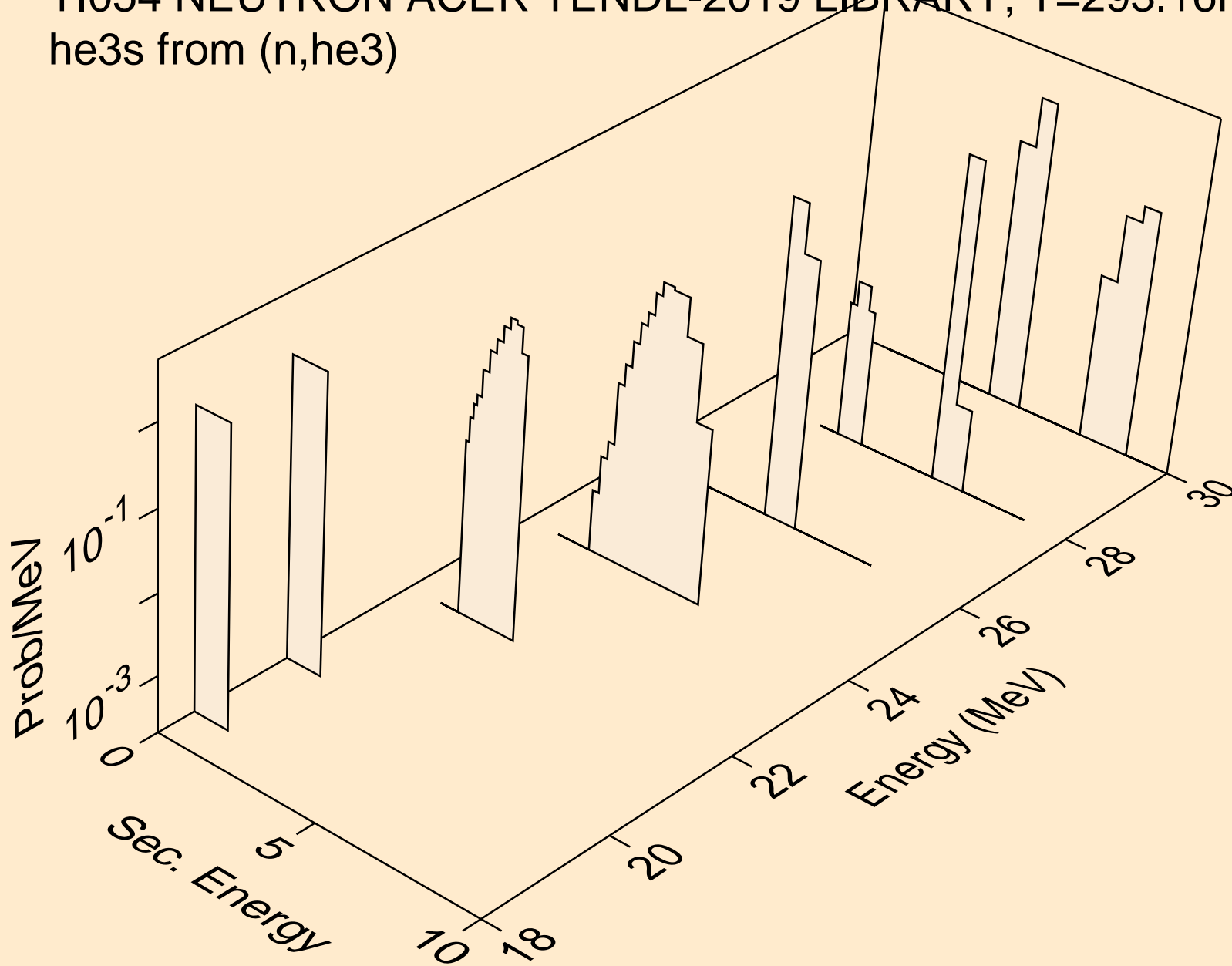




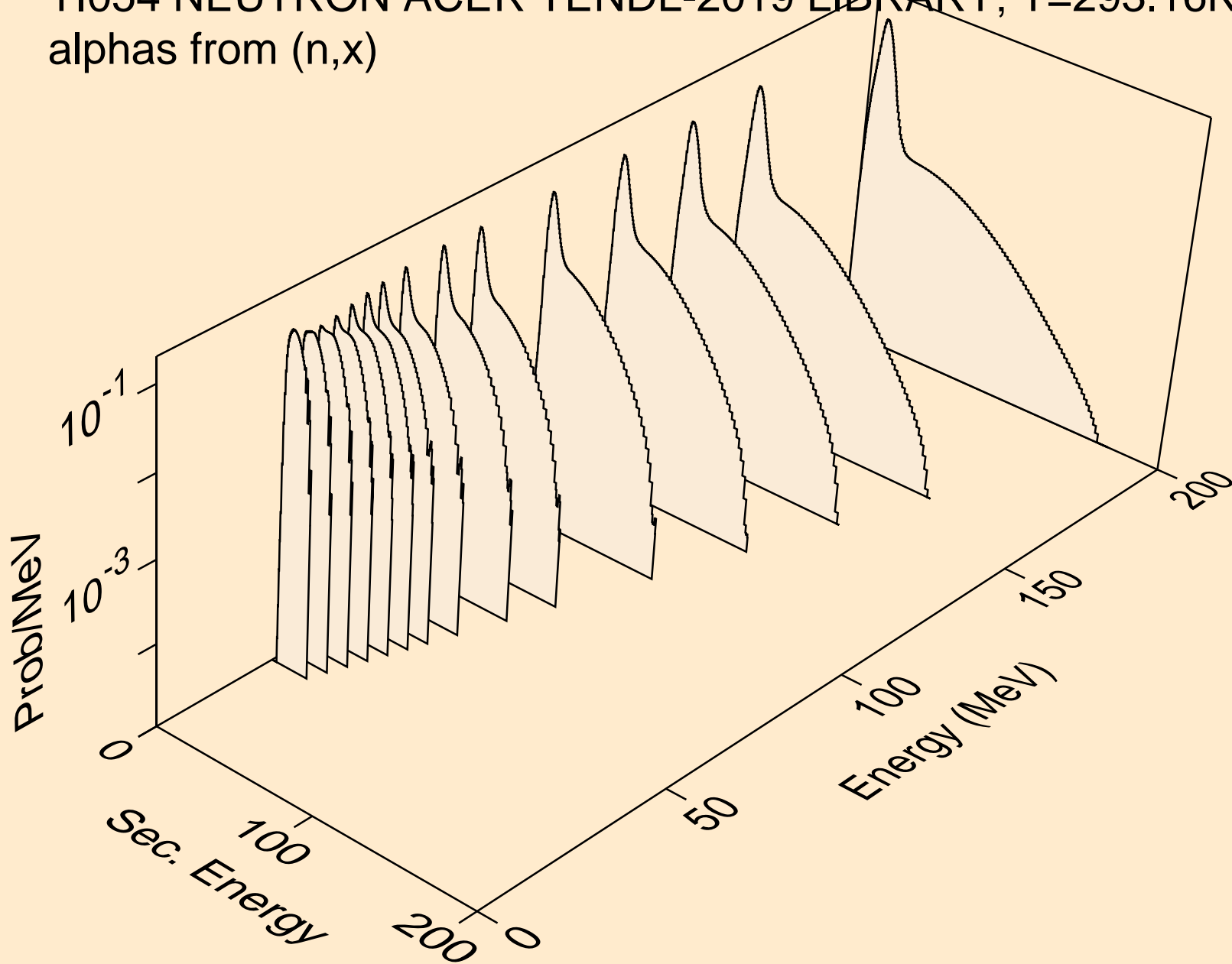
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he3s from (n,x)



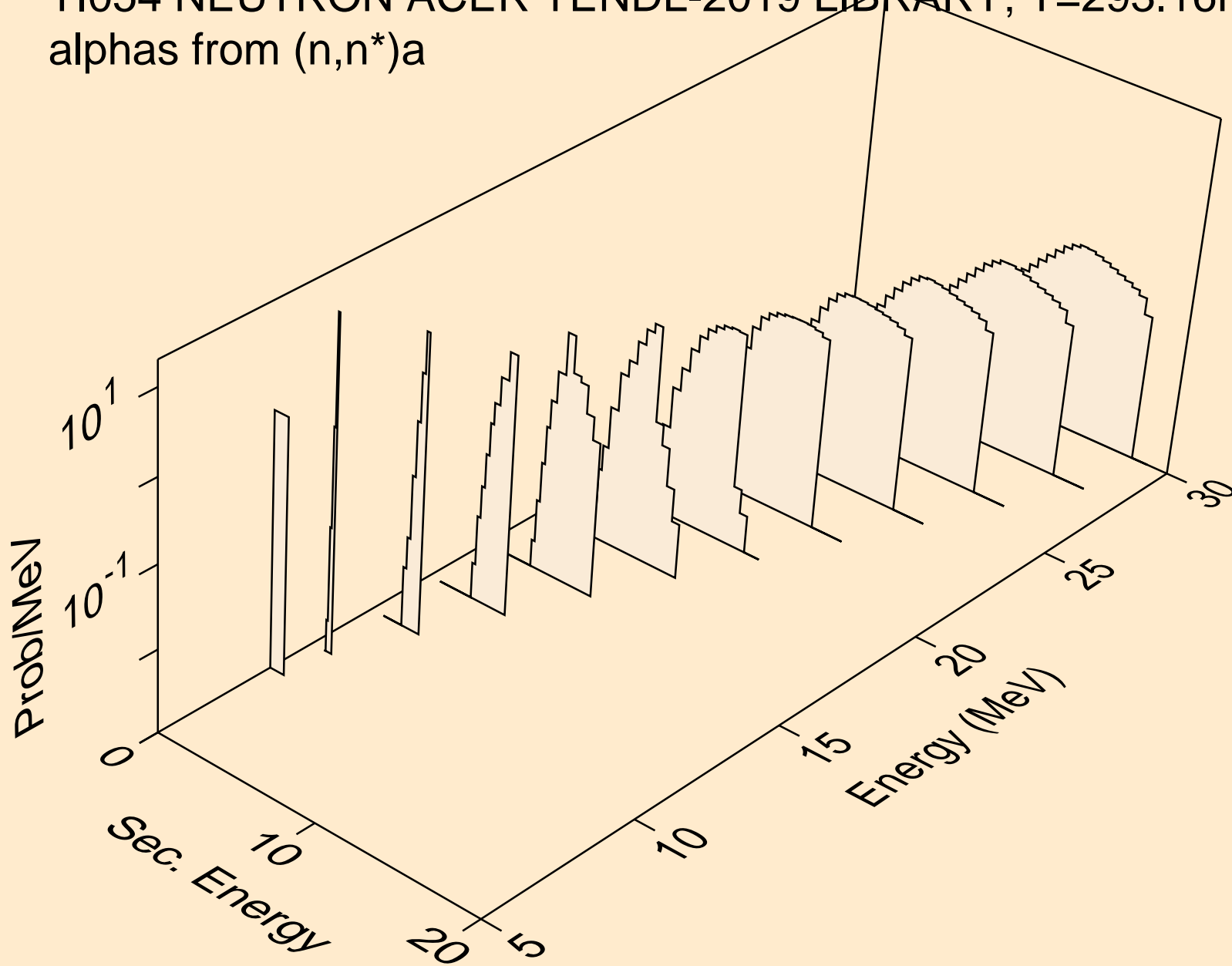
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he3s from (n,he3)



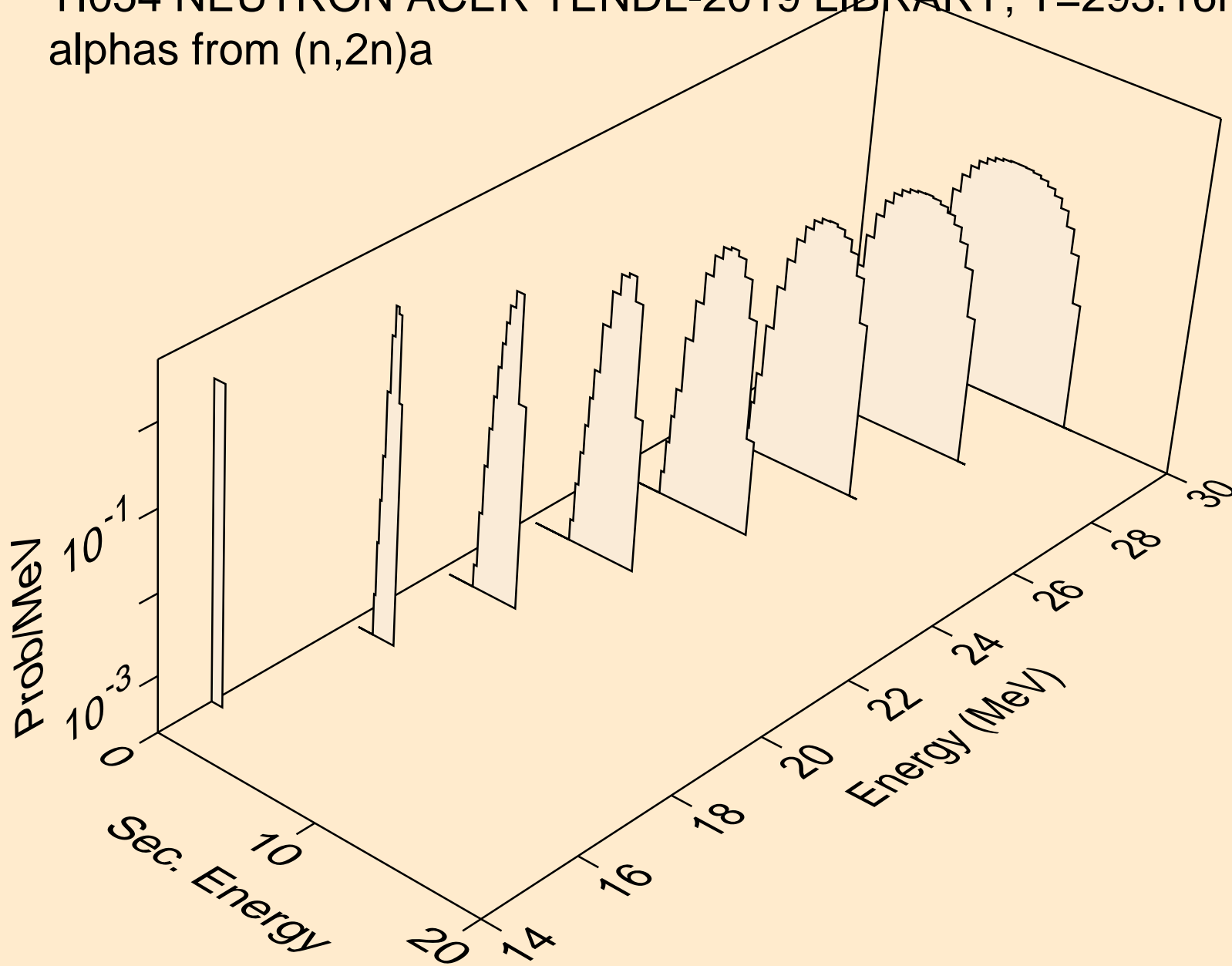
TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



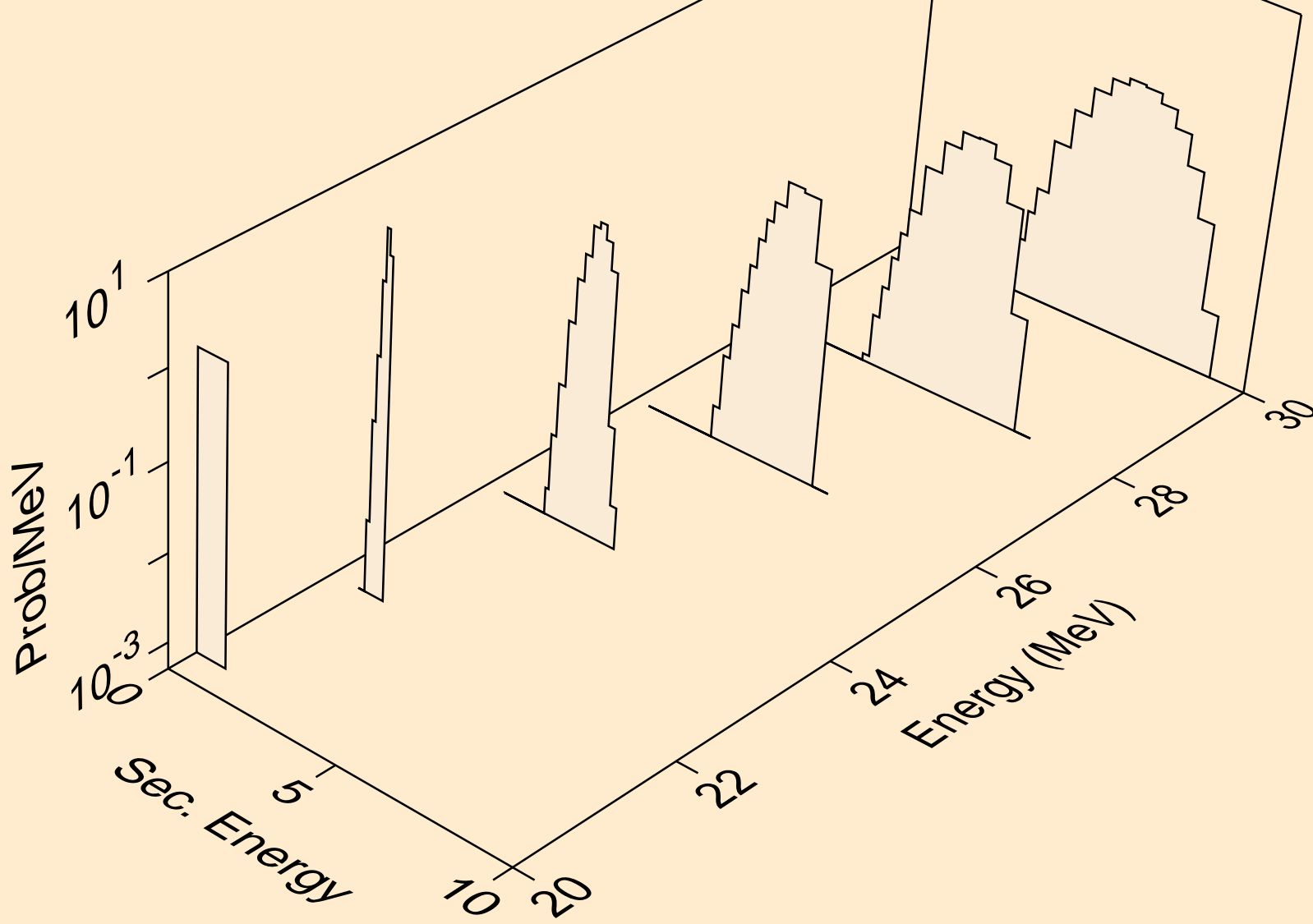
TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



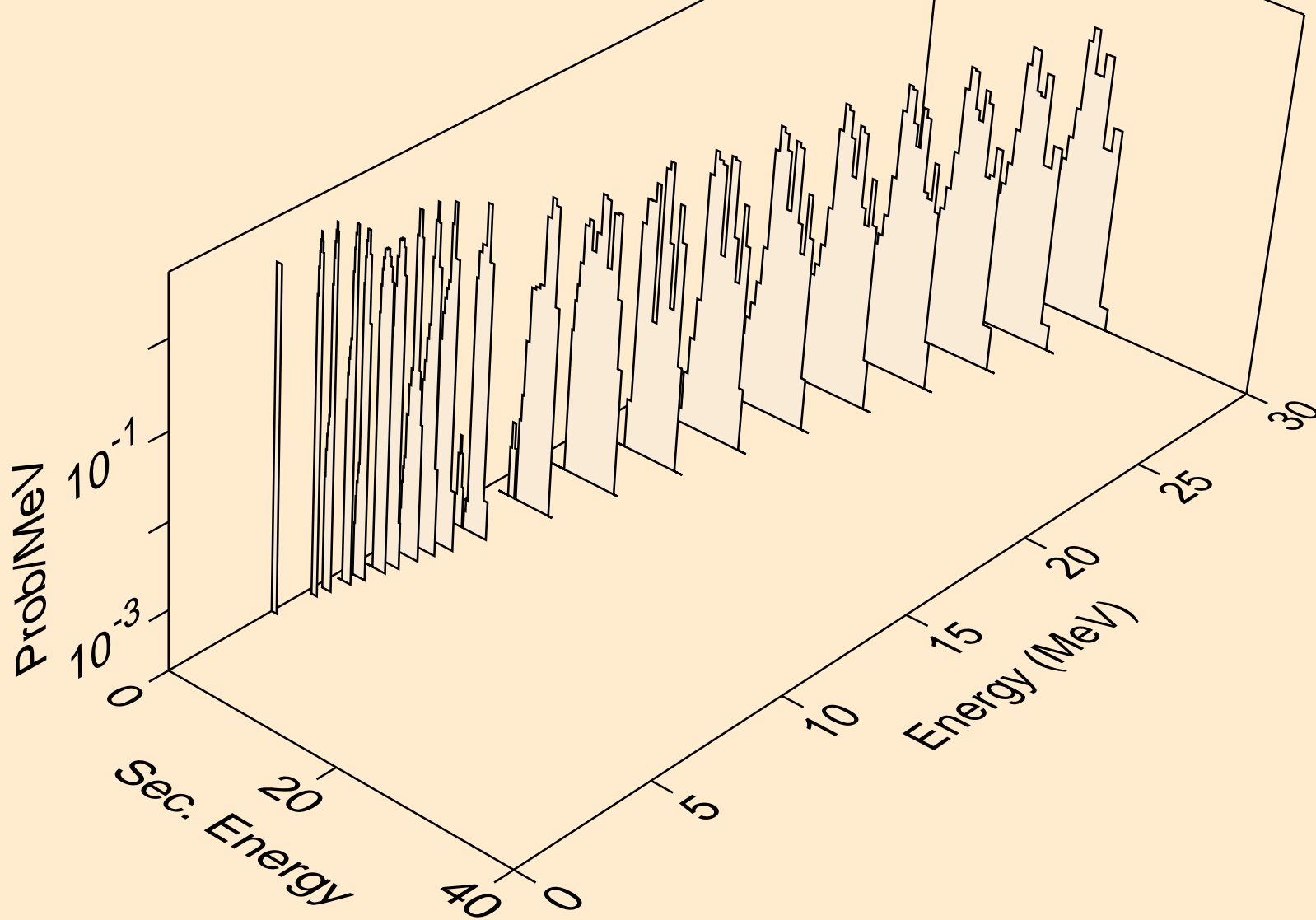
TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)



TI054 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2a)

