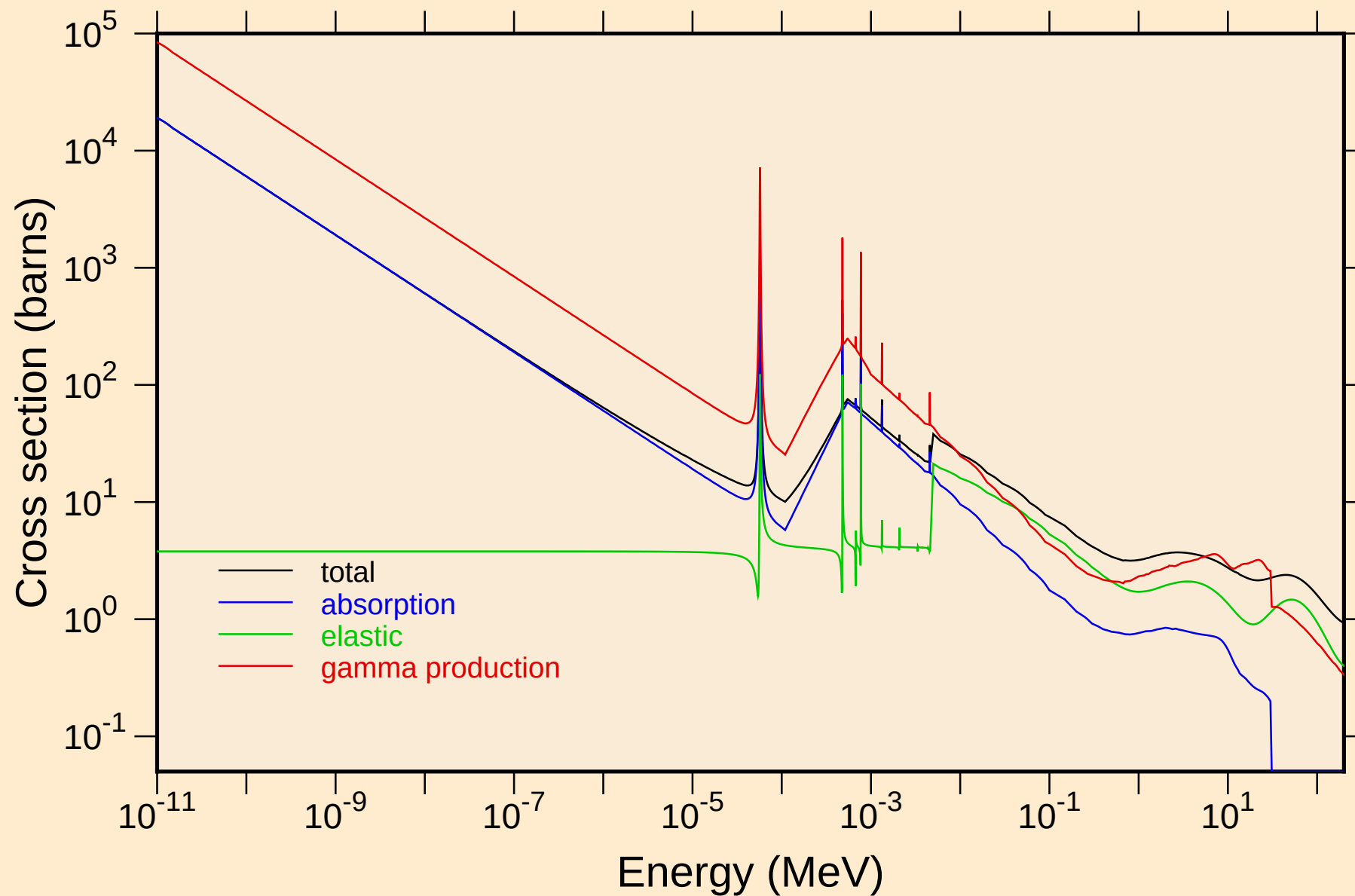
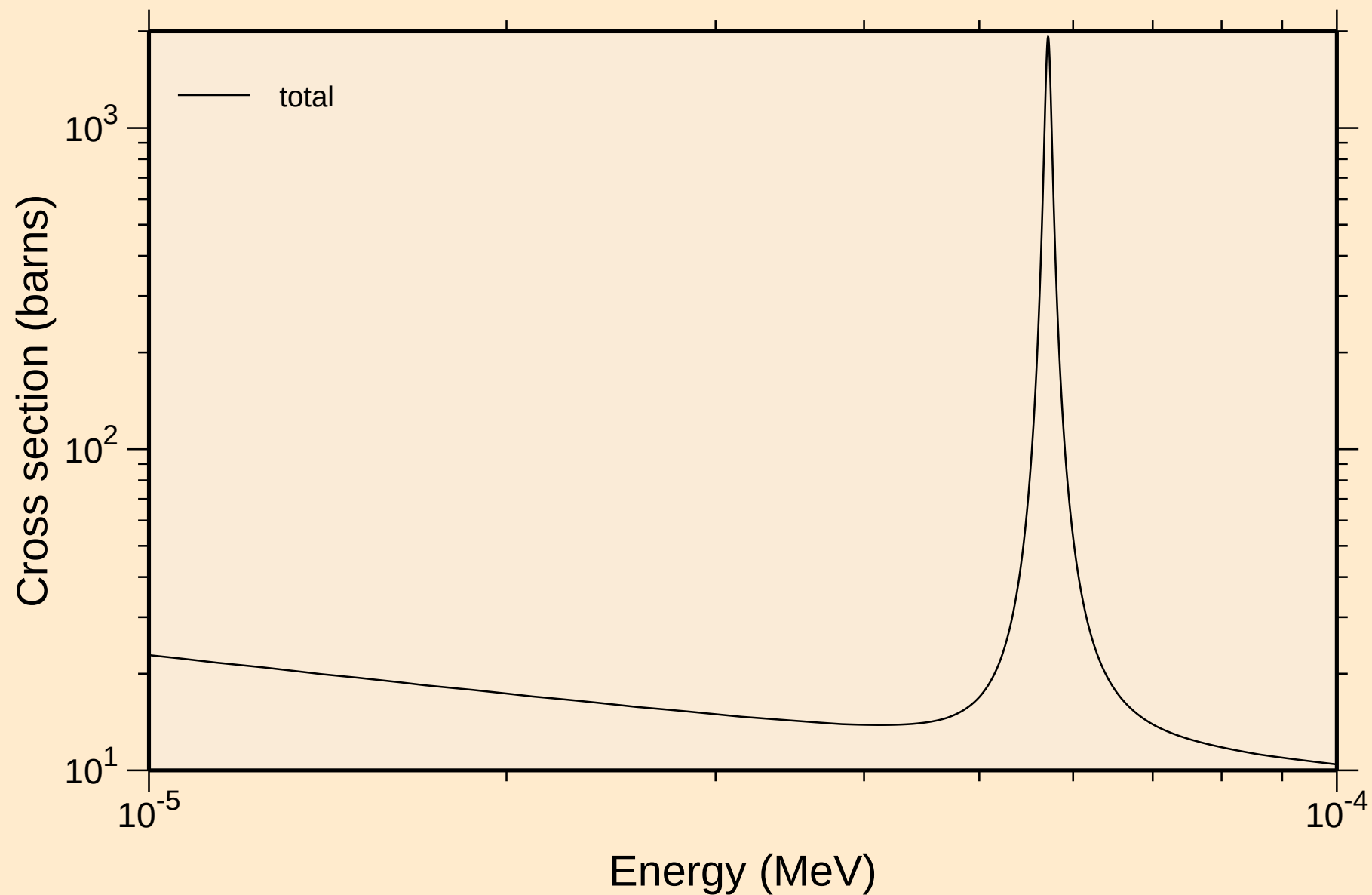


V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

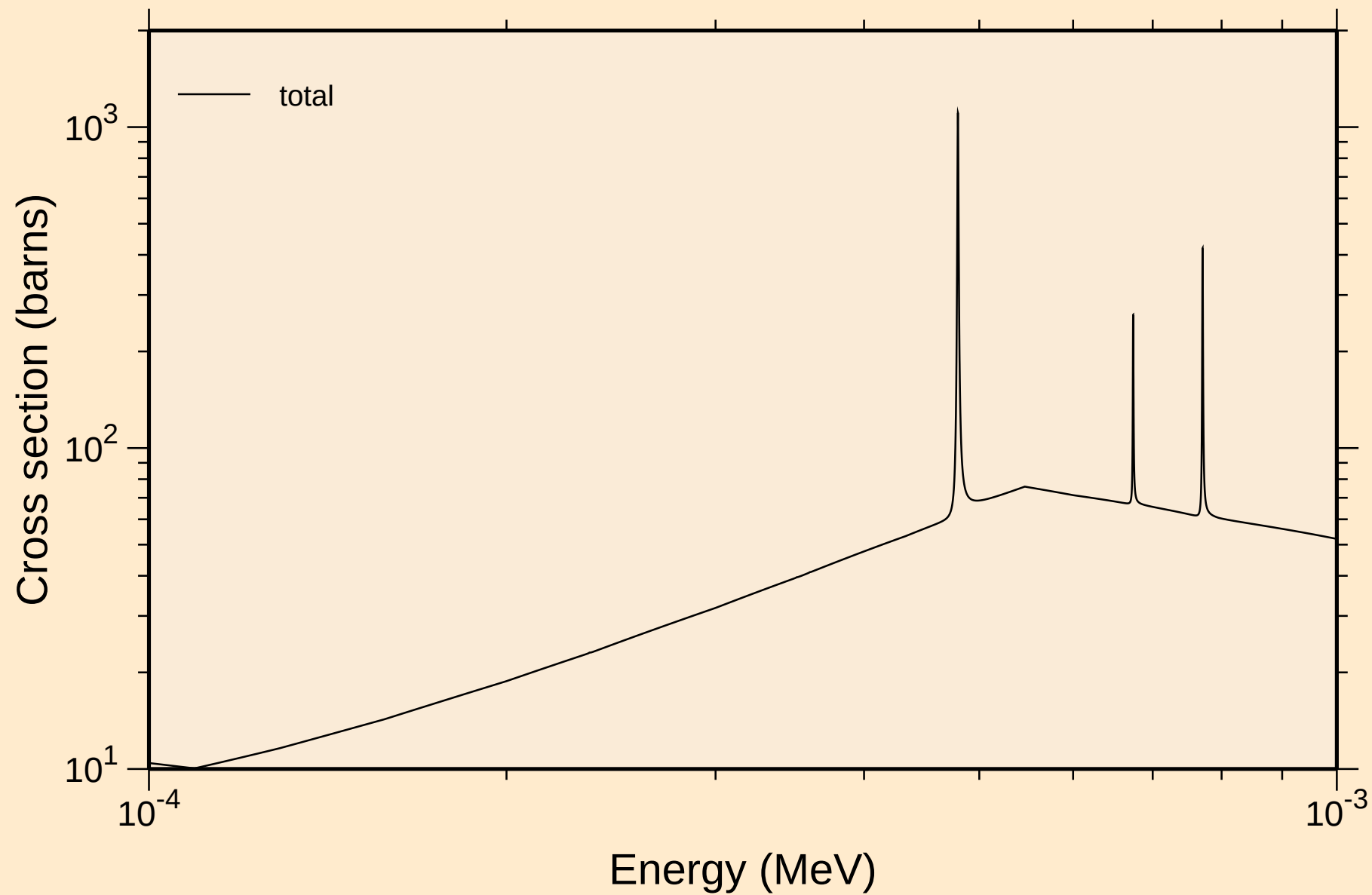
Principal cross sections



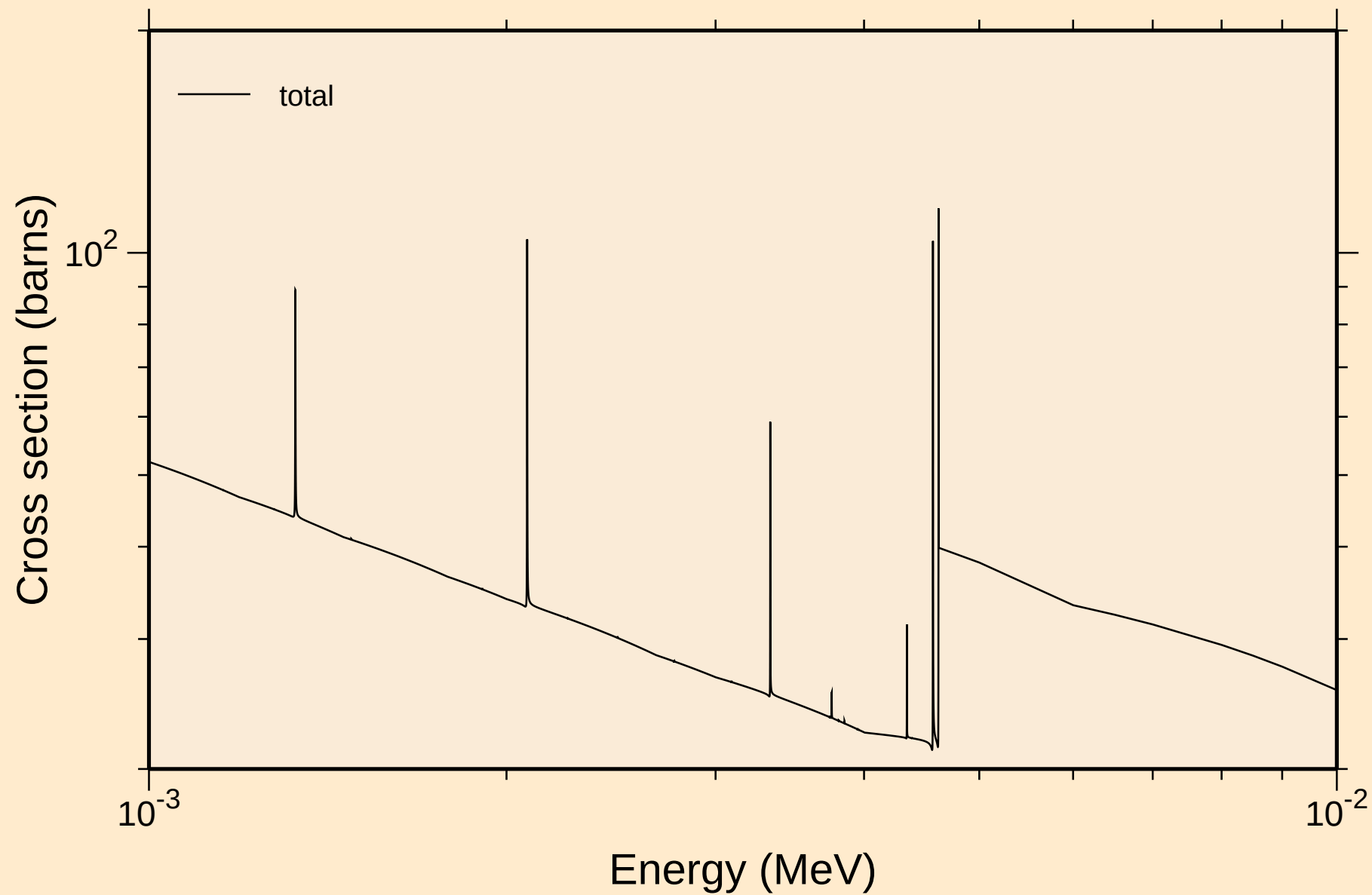
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



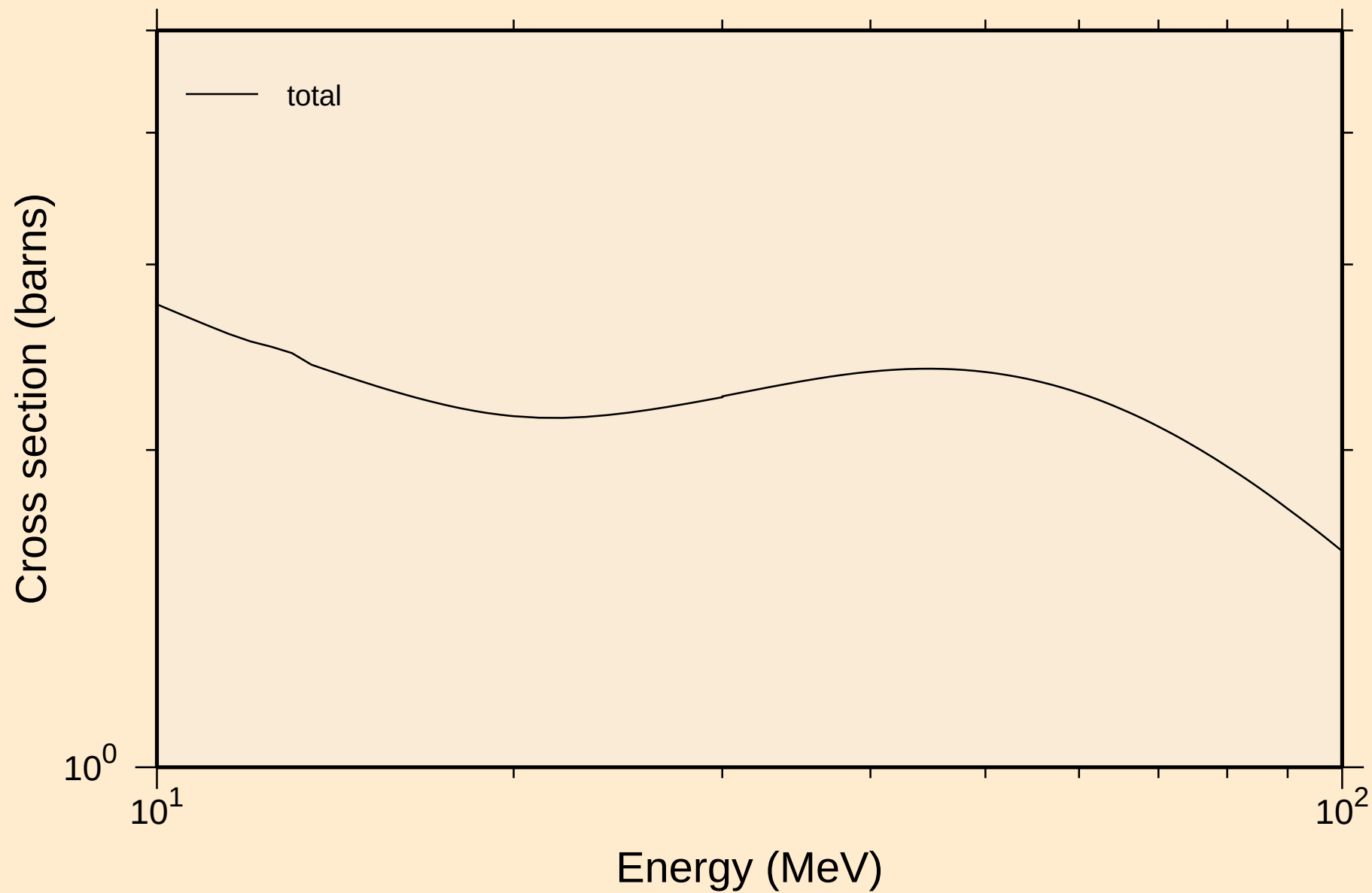
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



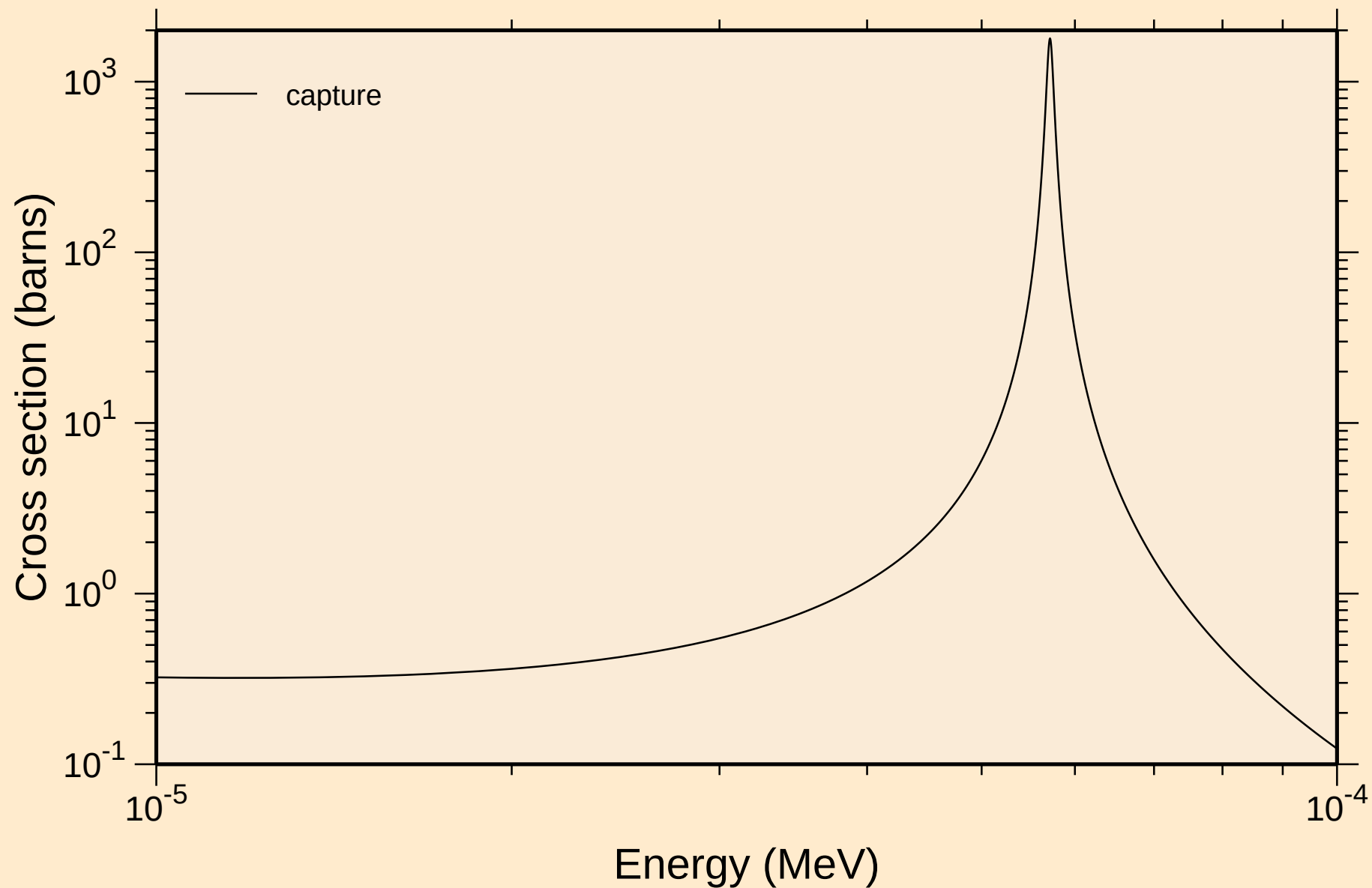
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



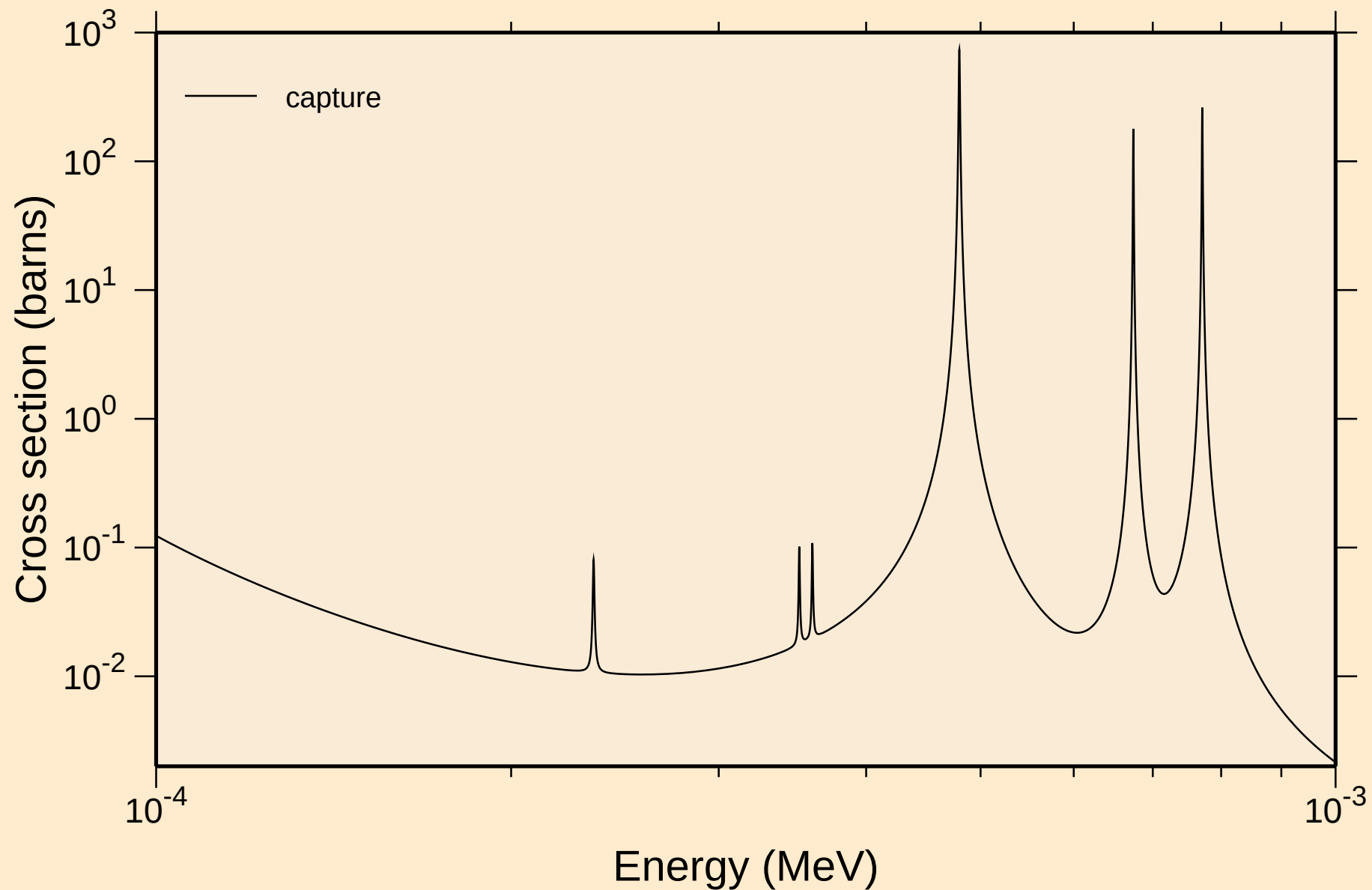
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



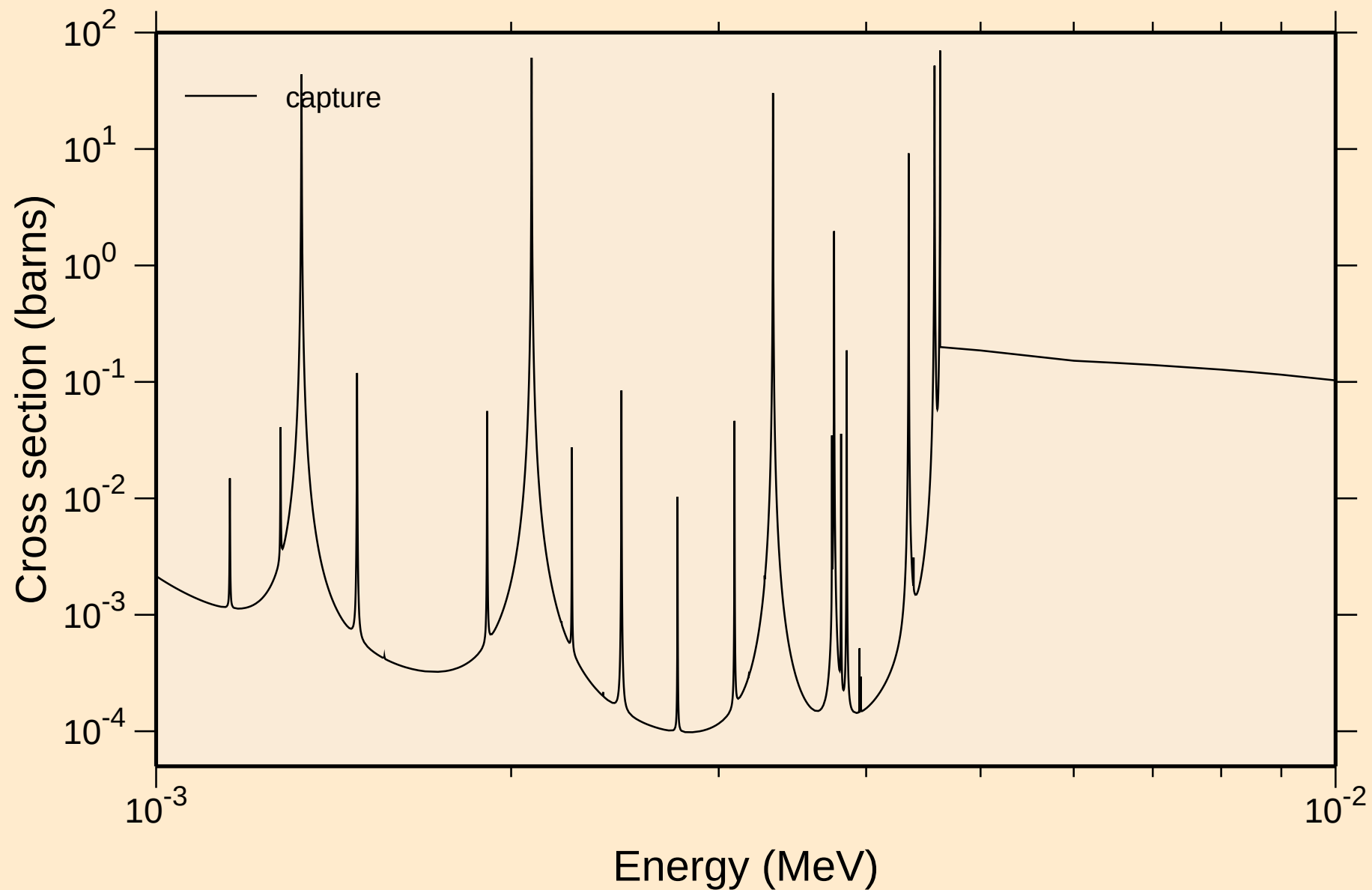
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



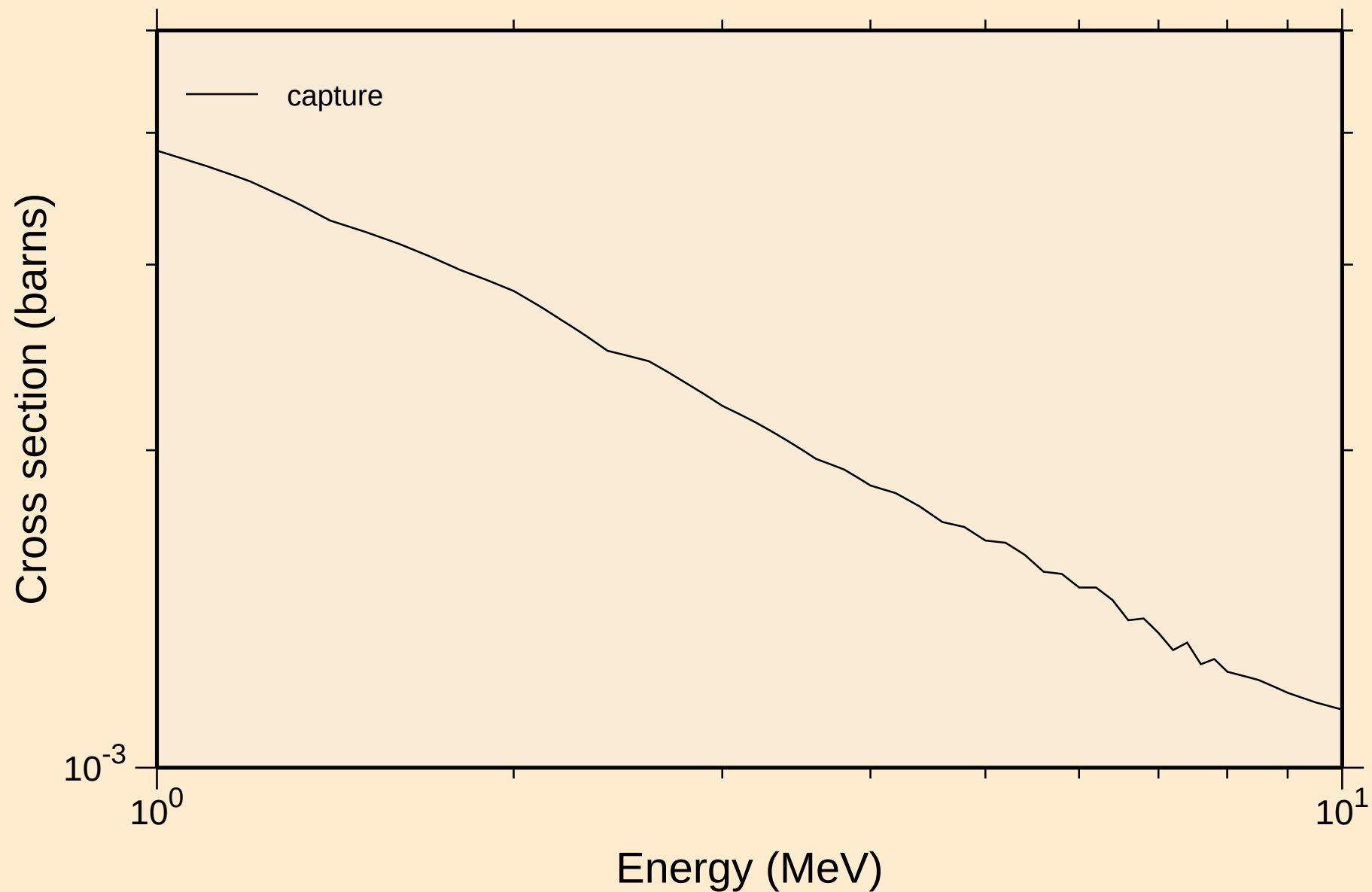
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

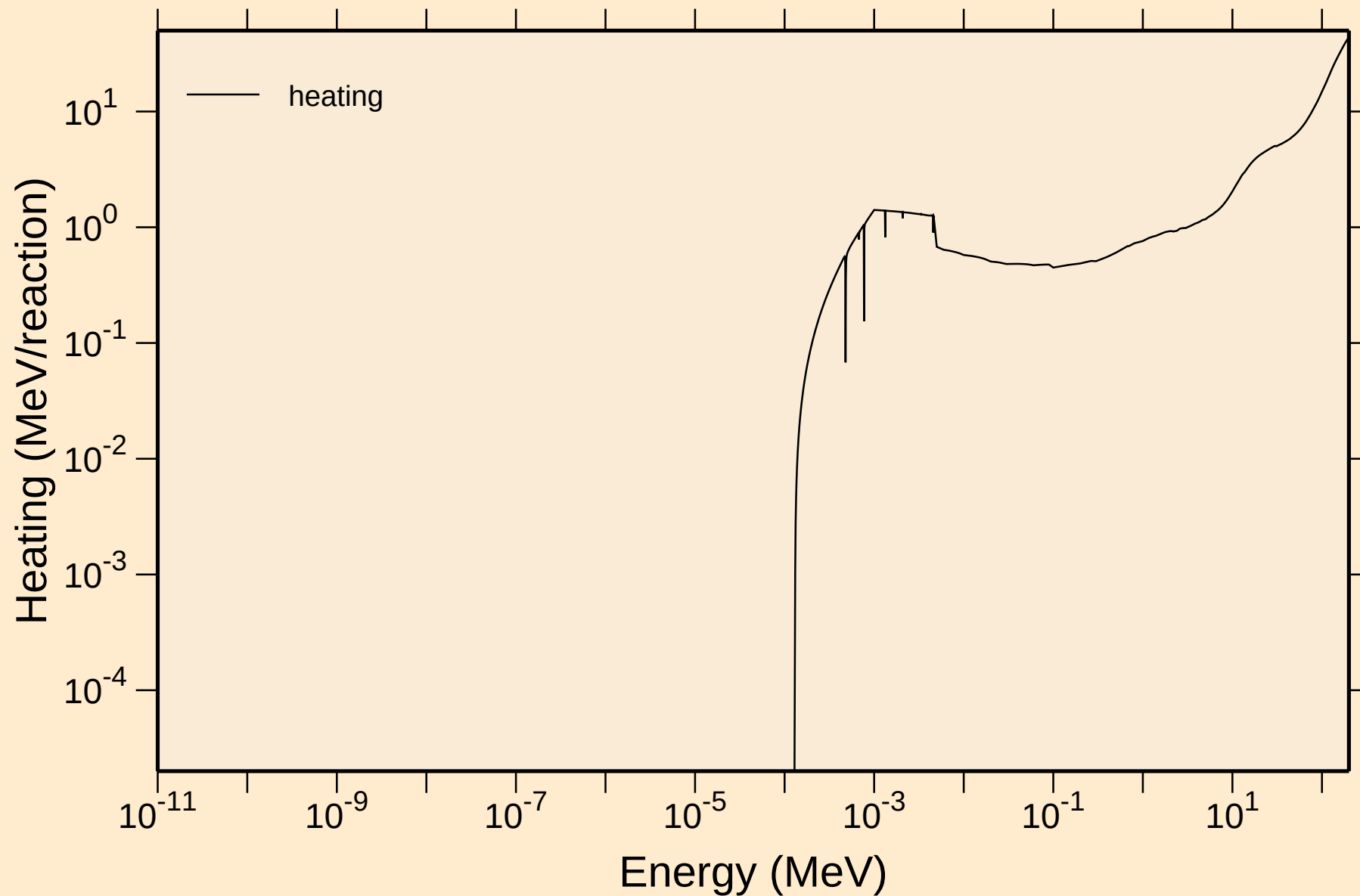


V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



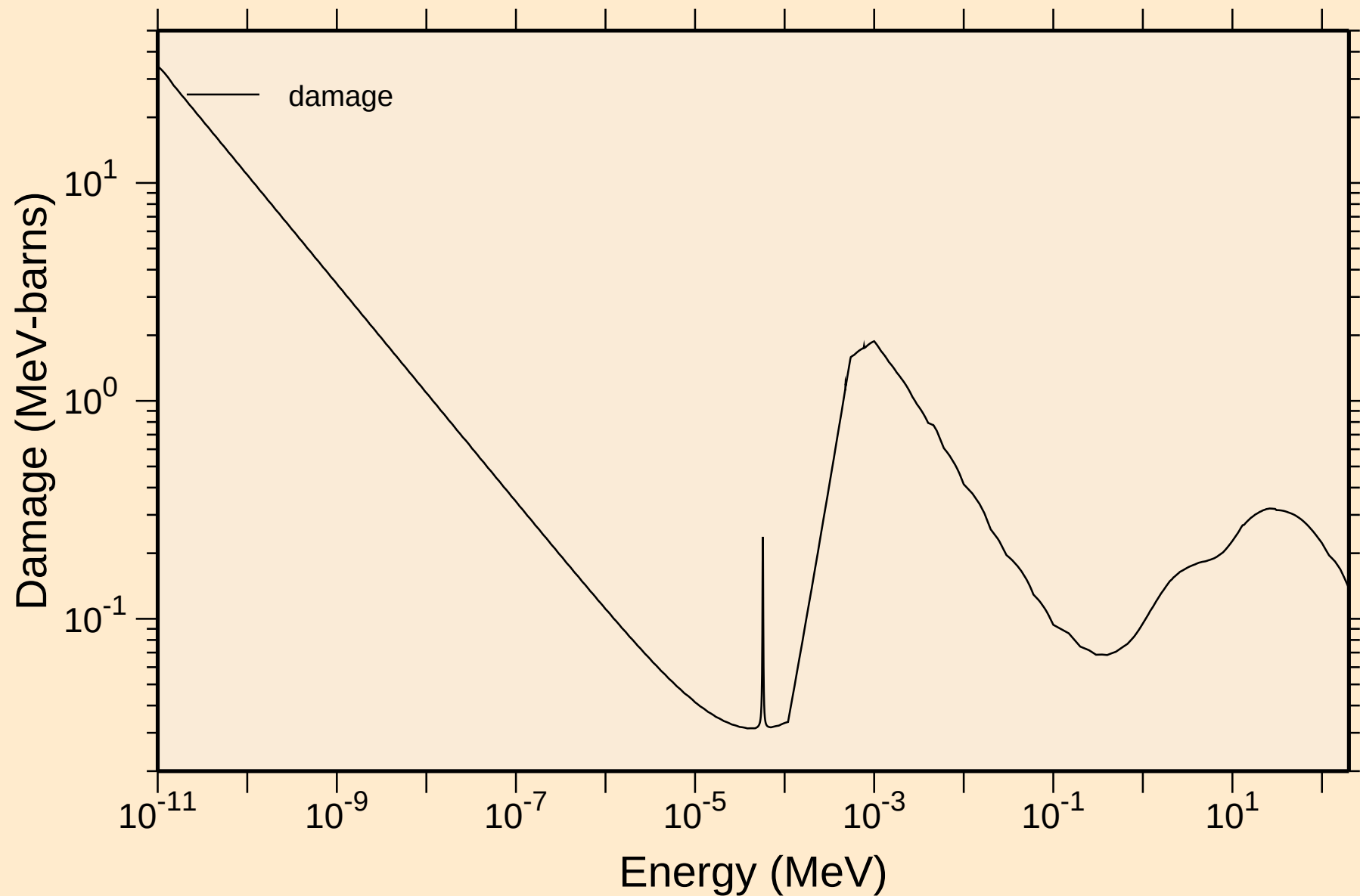
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

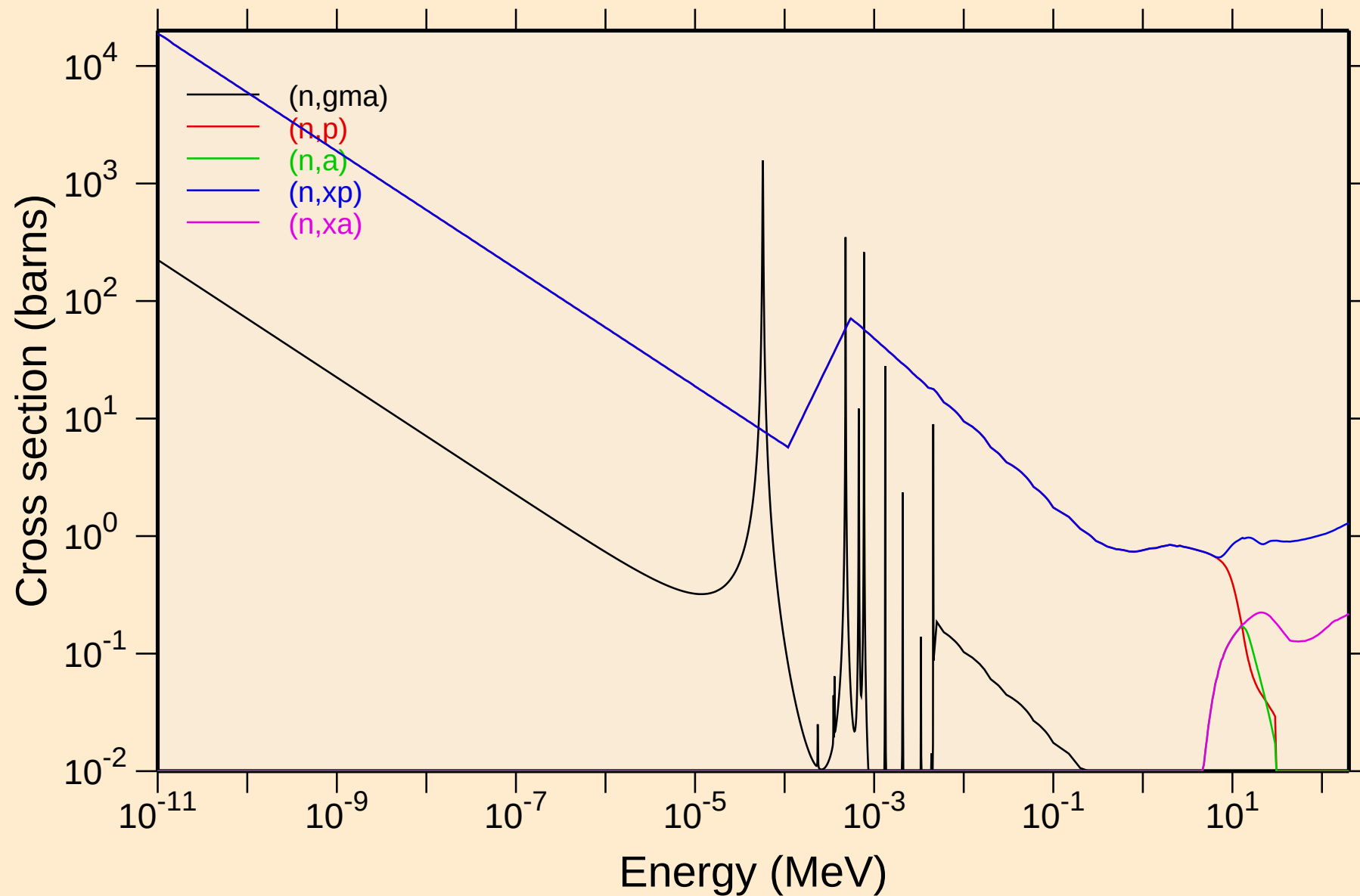


V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

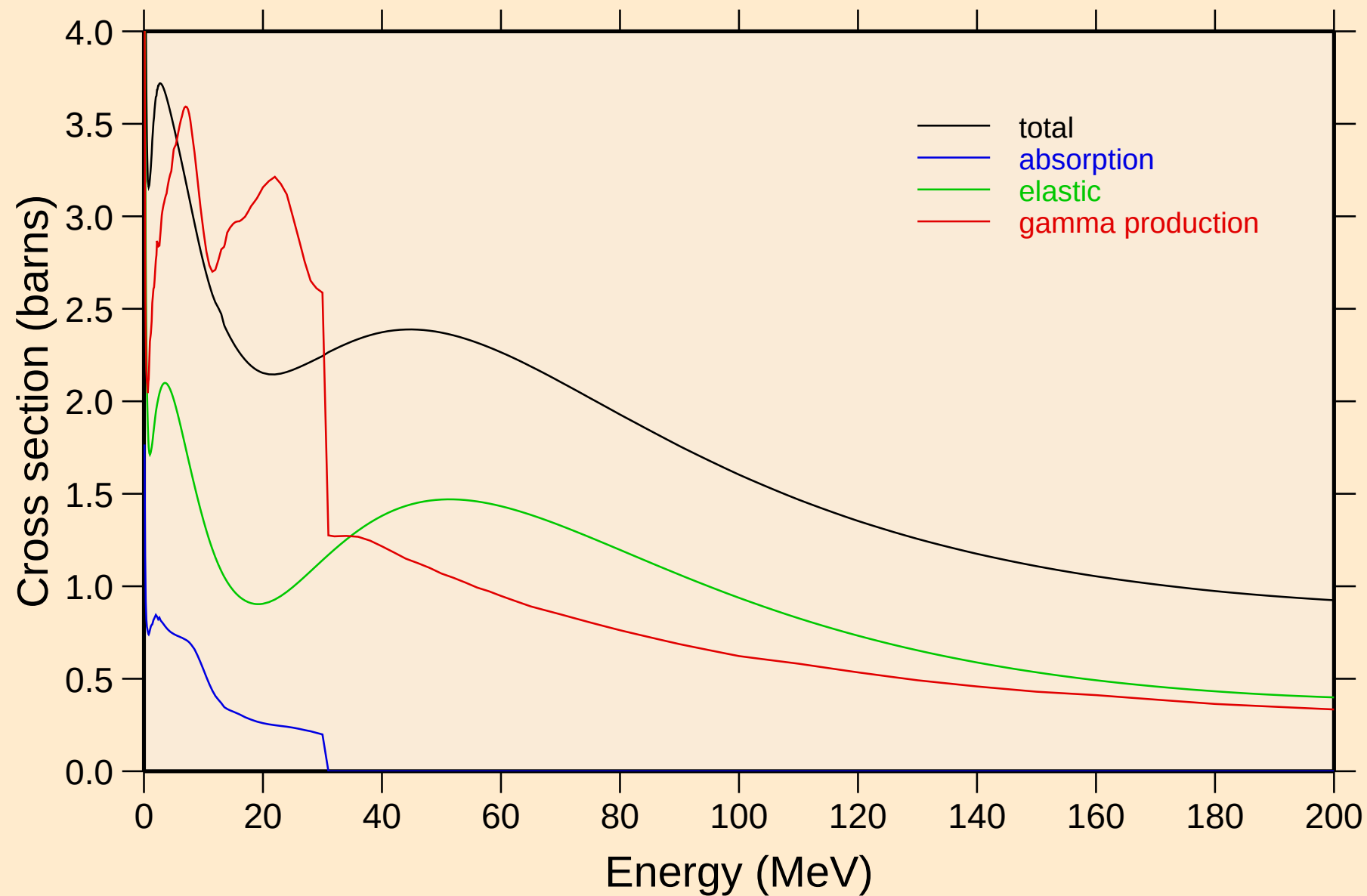


V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



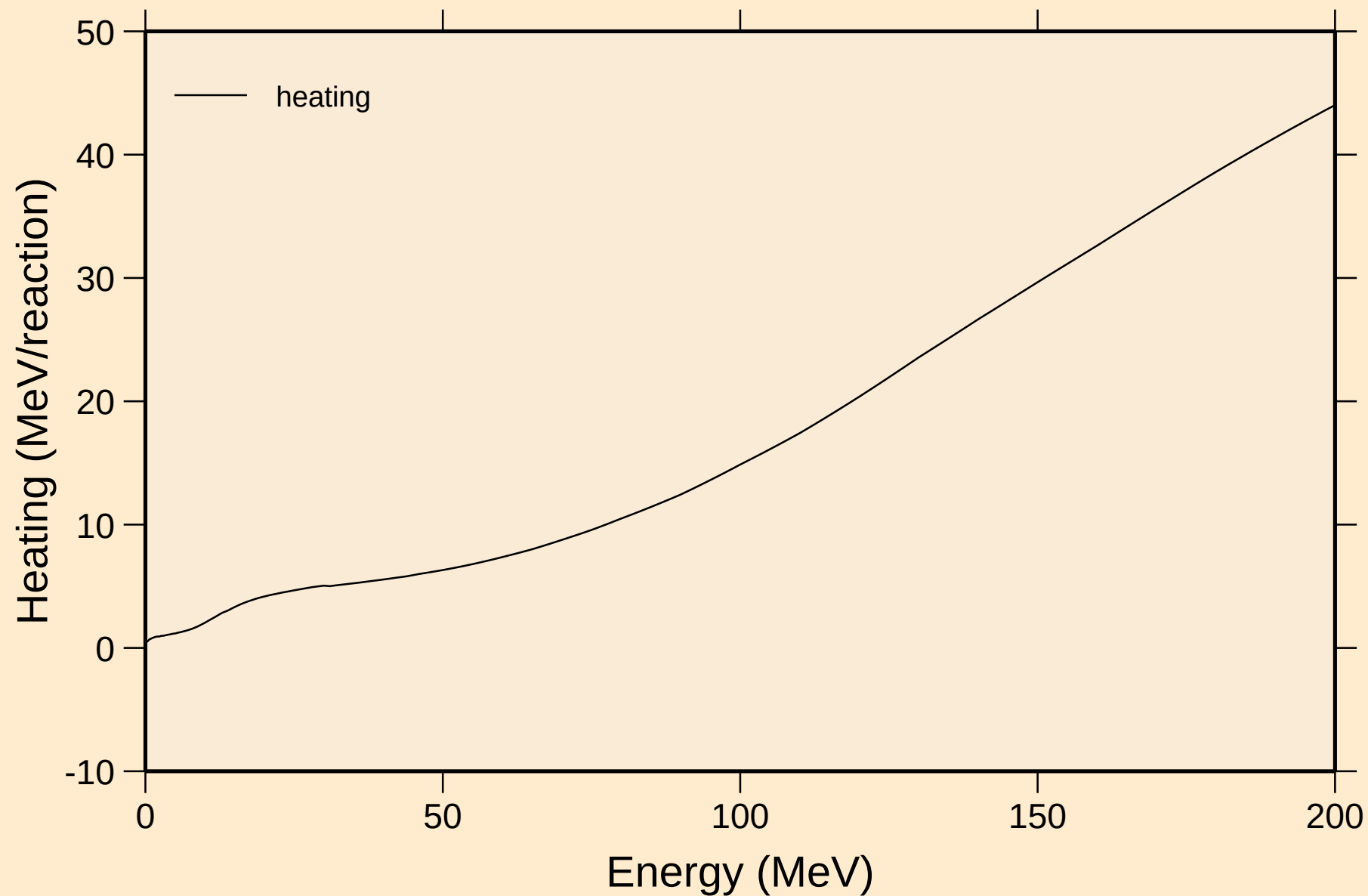
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



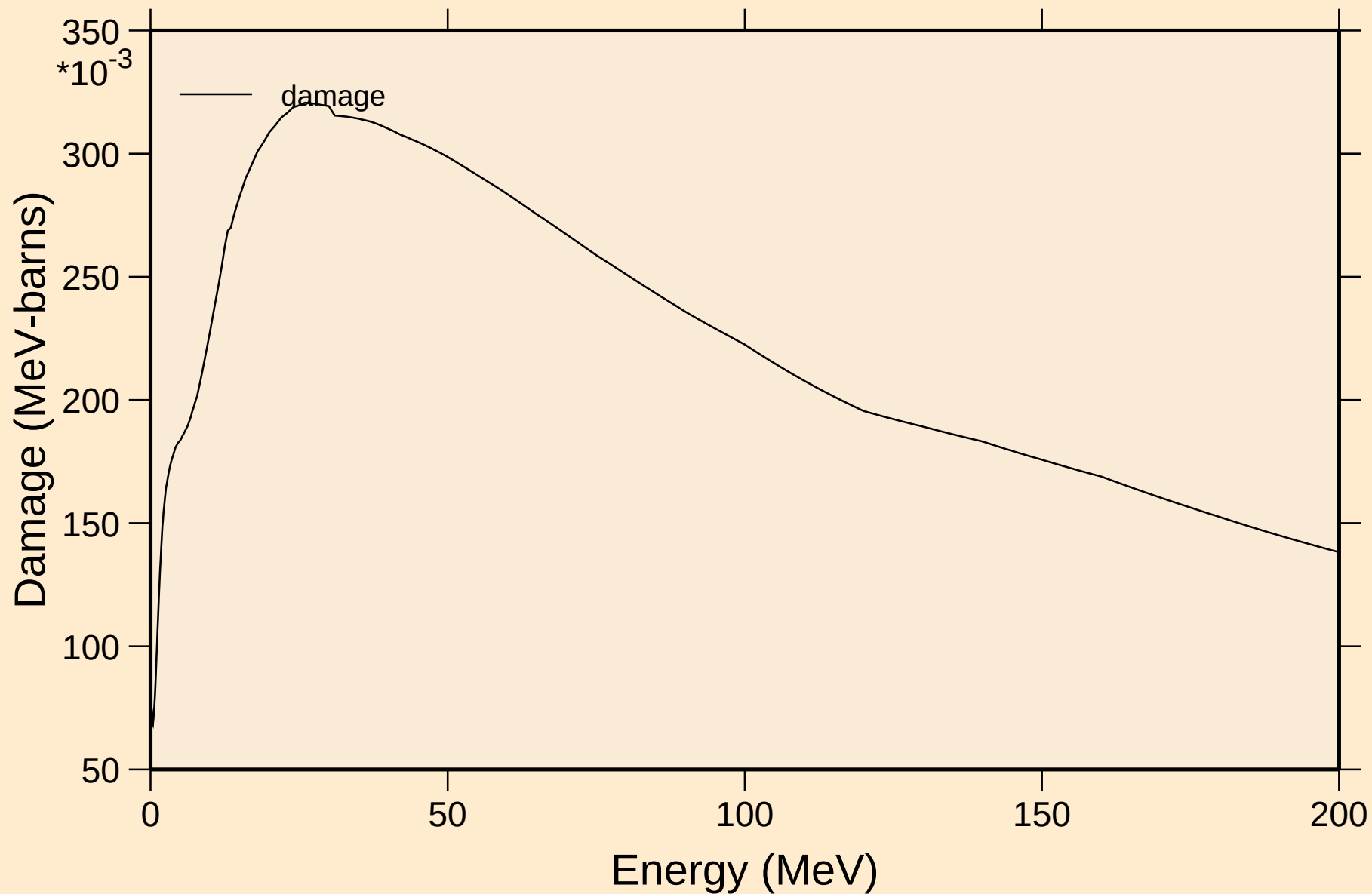
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating



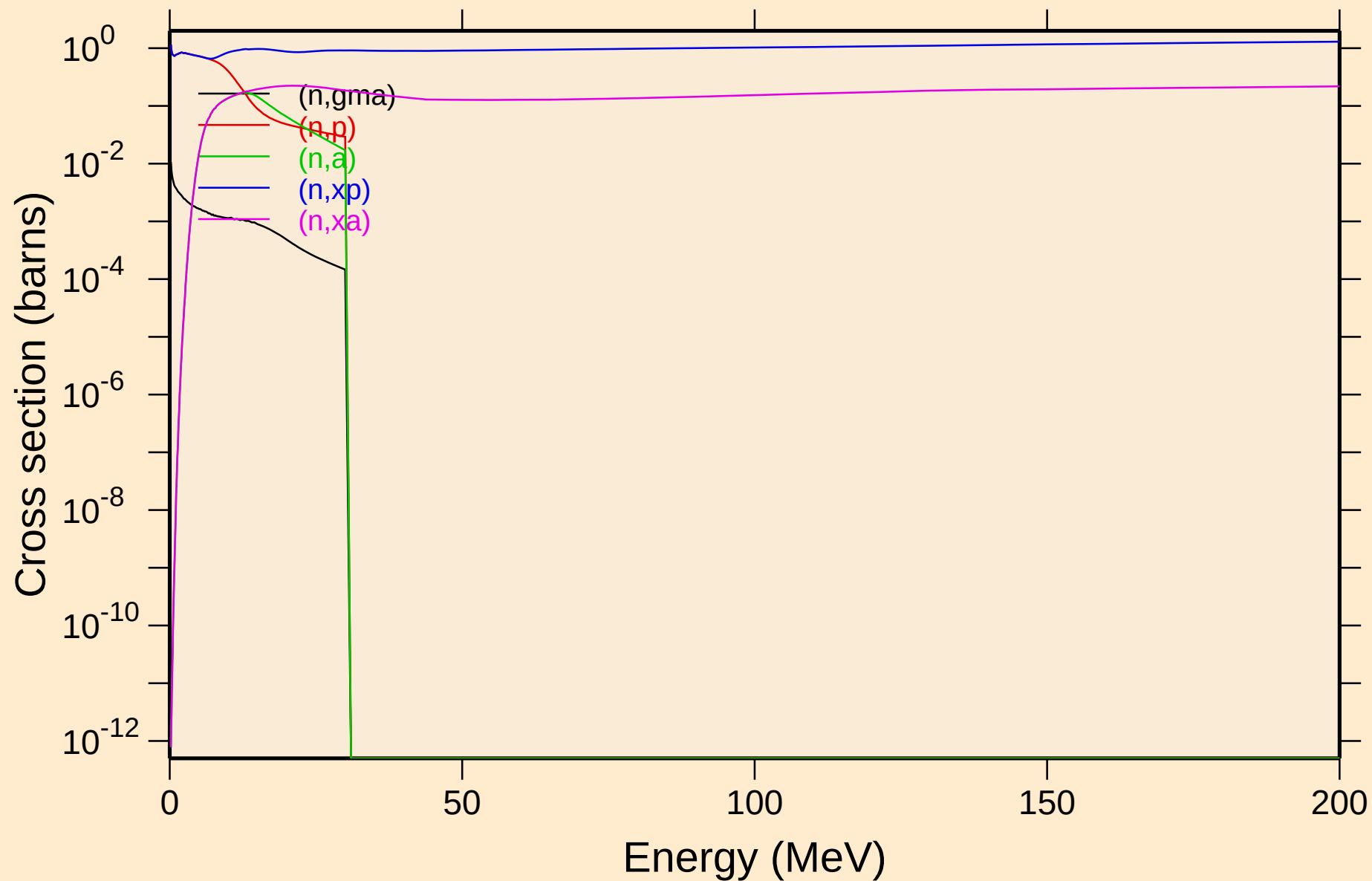
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage



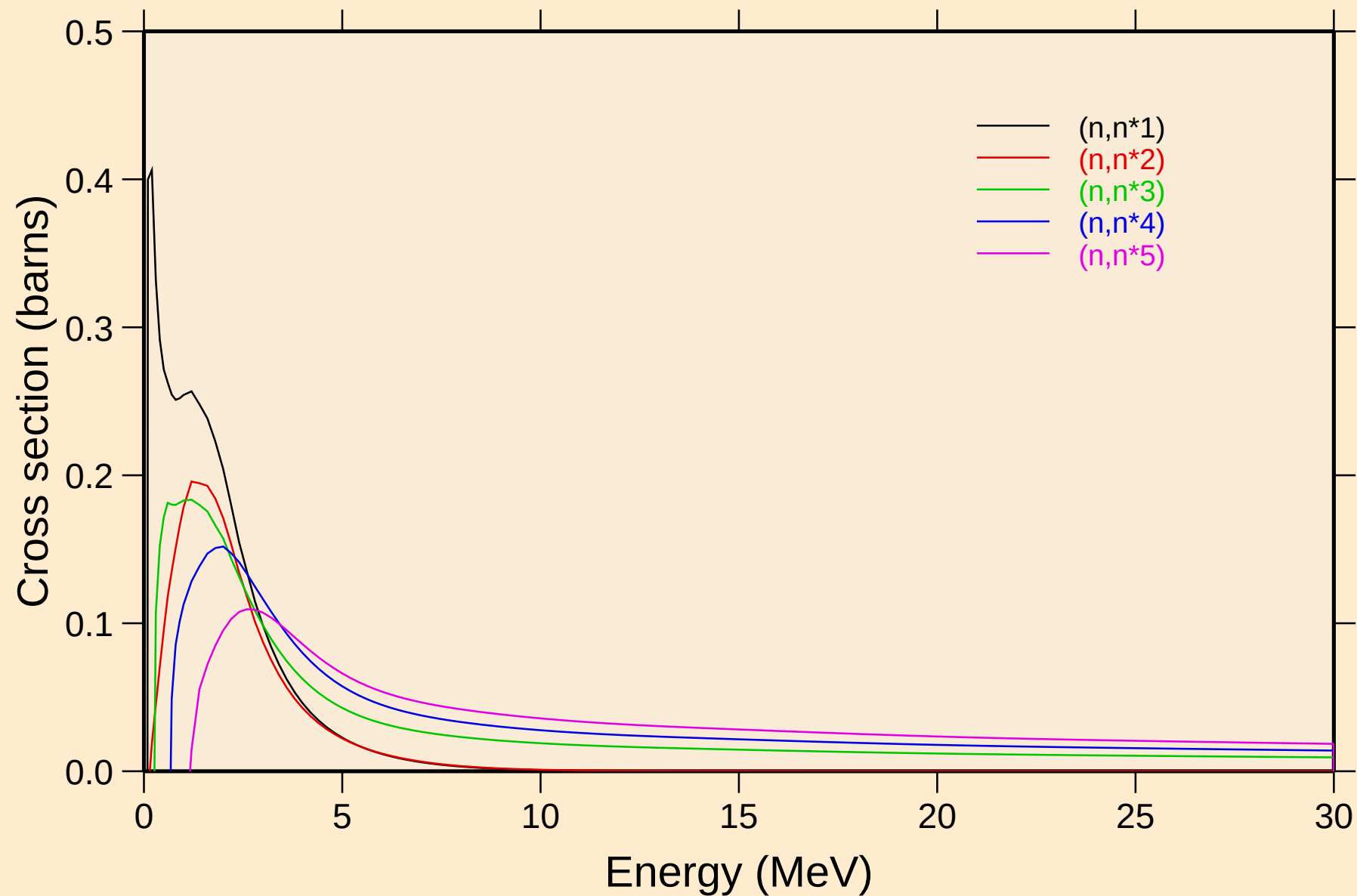
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Non-threshold reactions



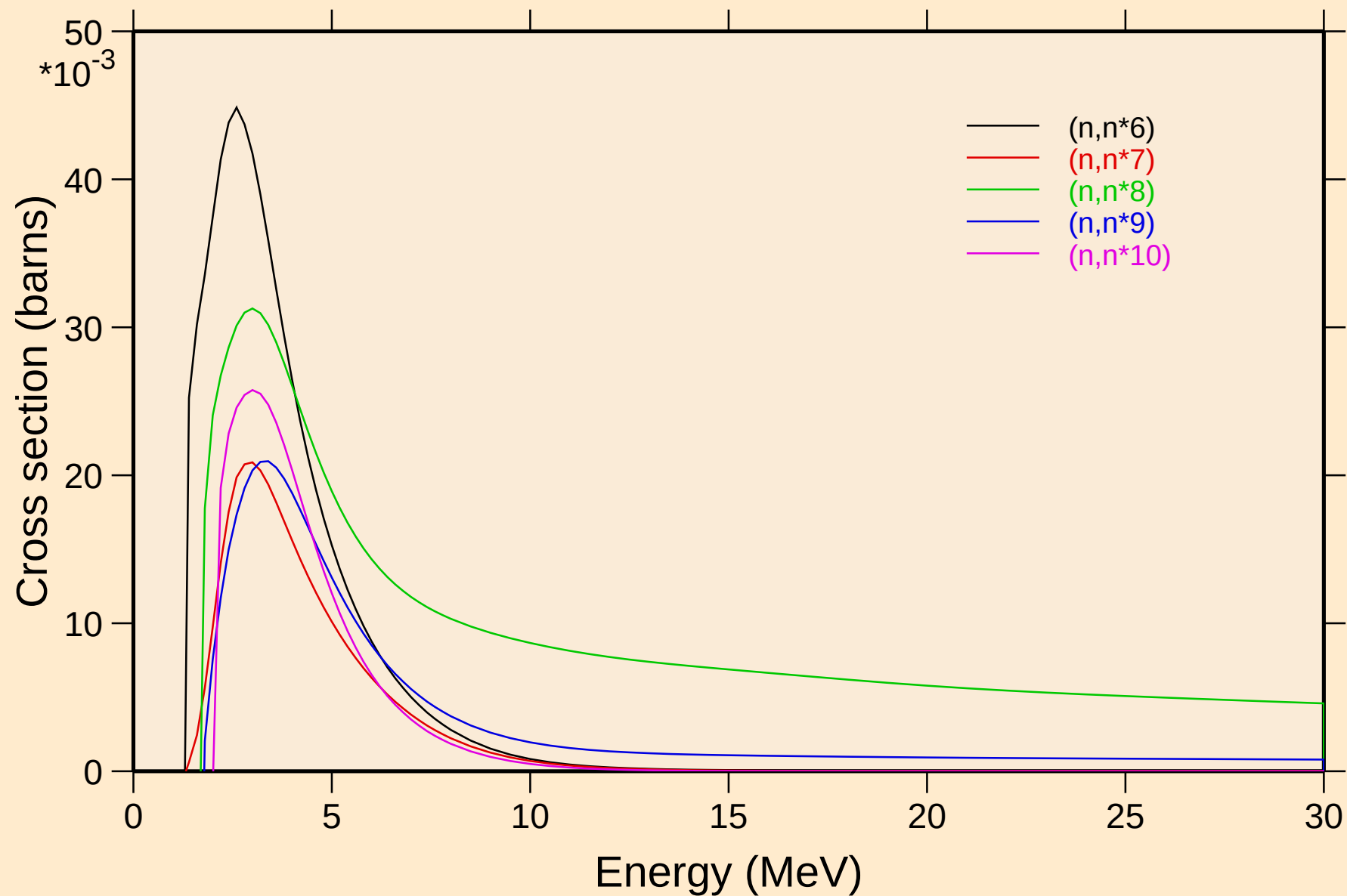
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



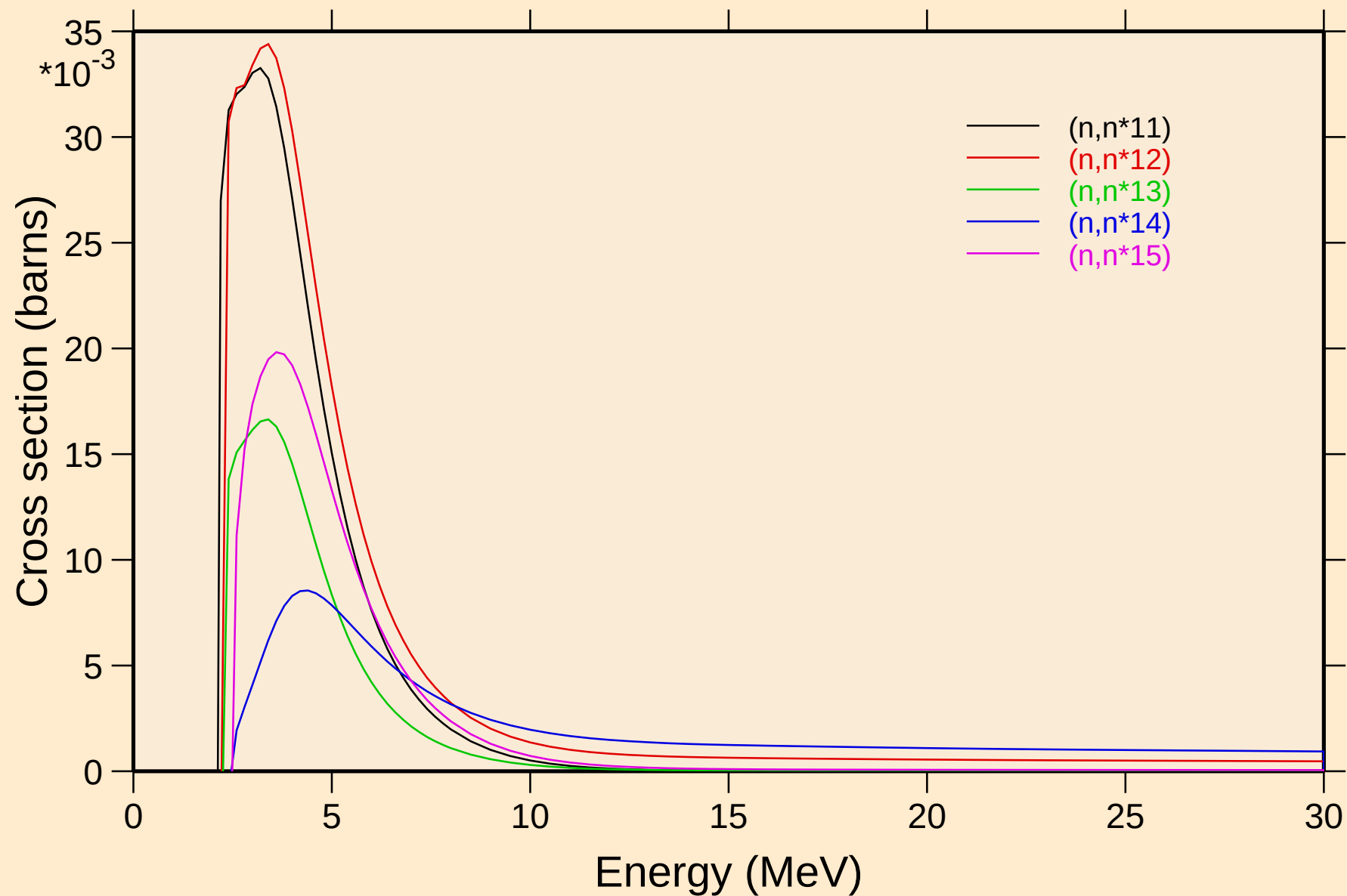
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Inelastic levels



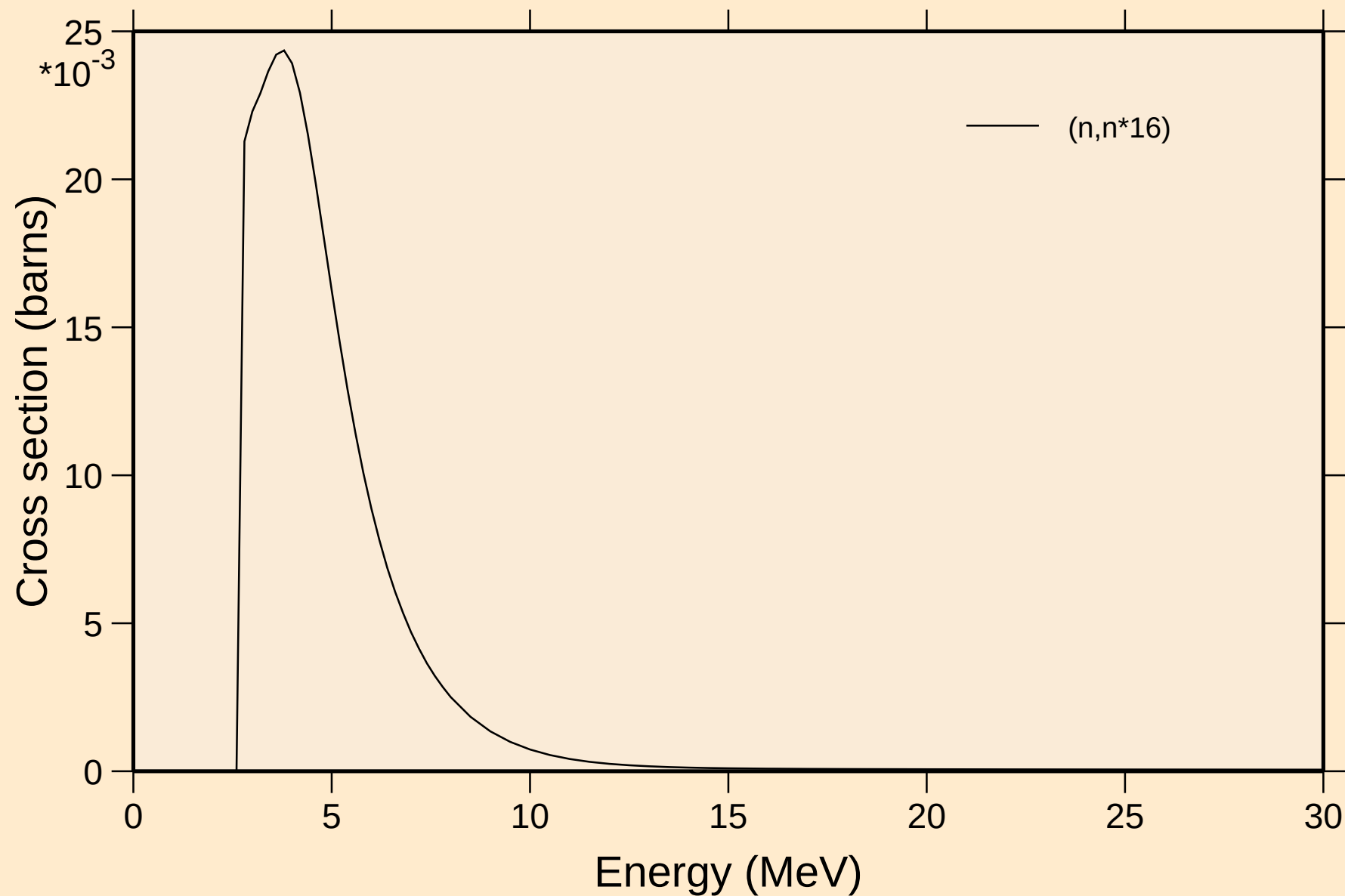
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



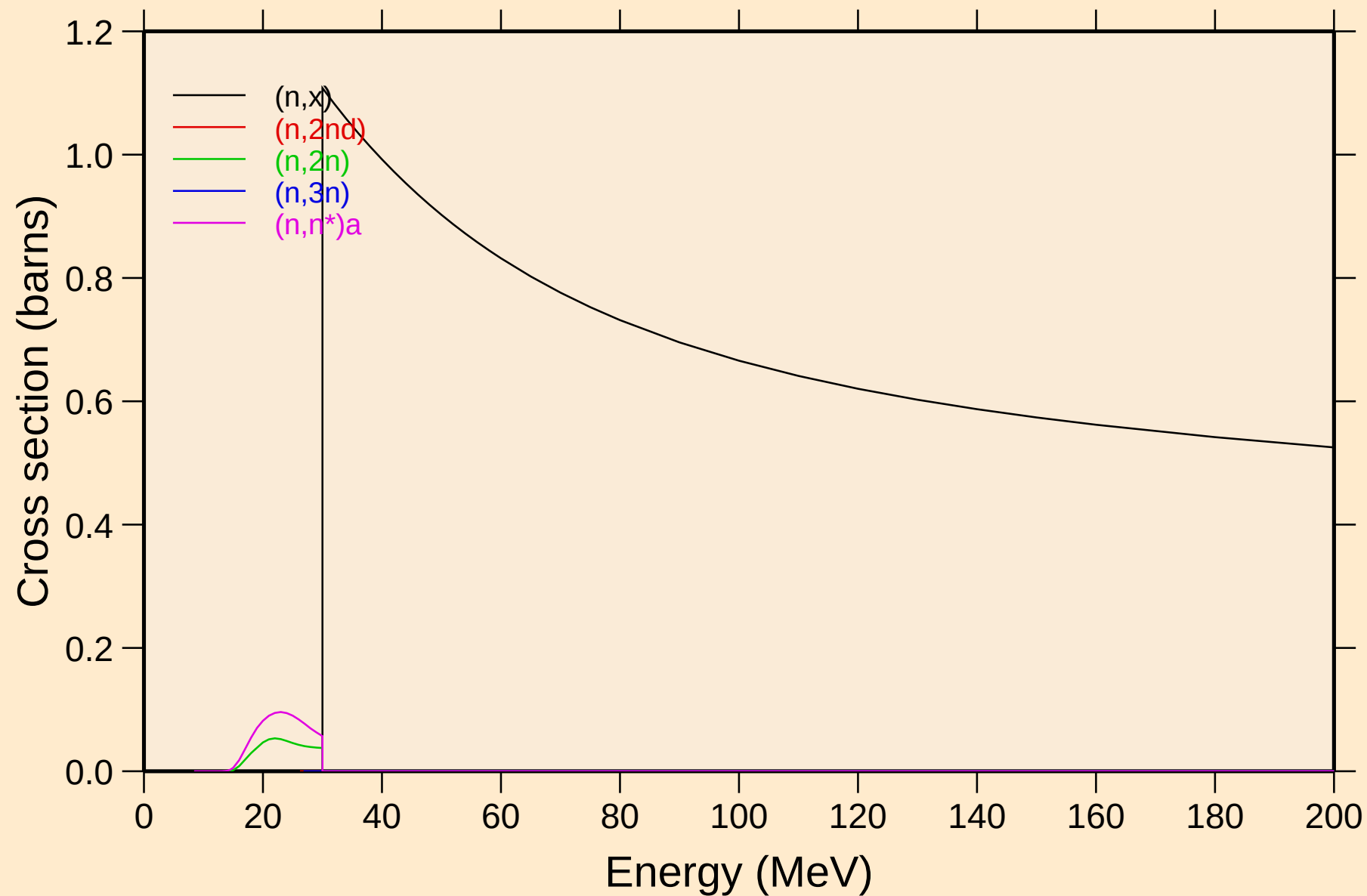
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Inelastic levels



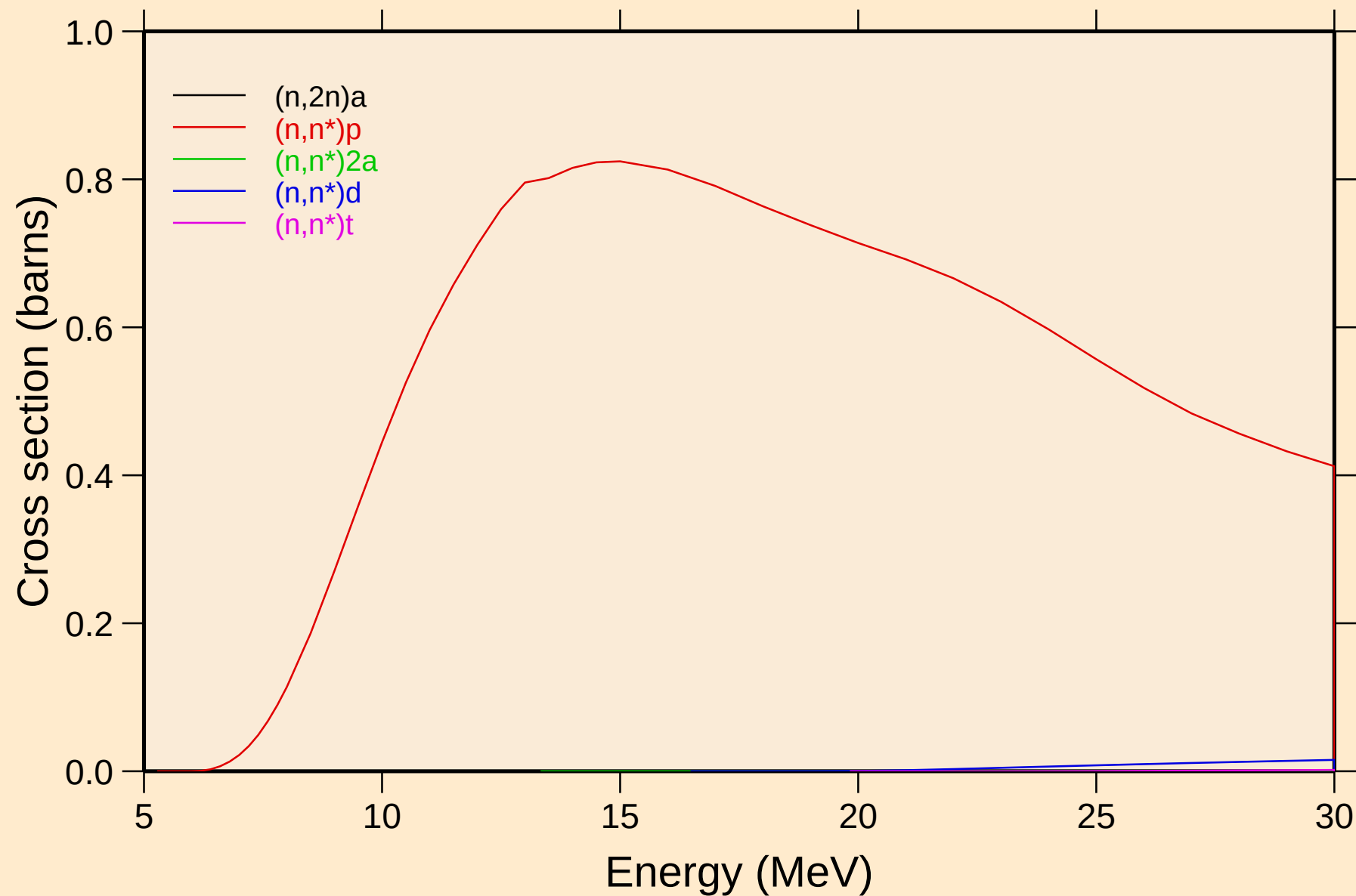
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



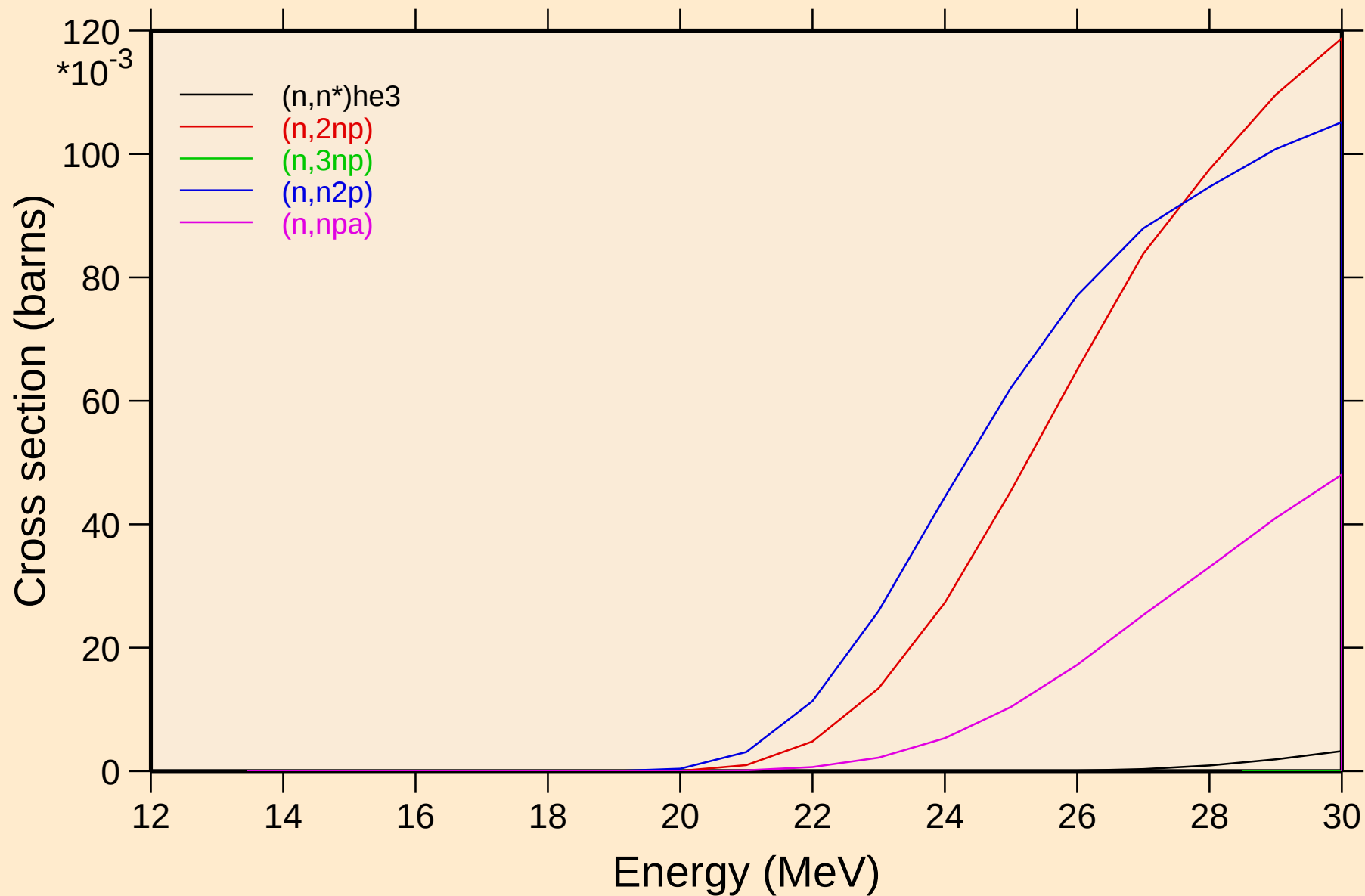
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



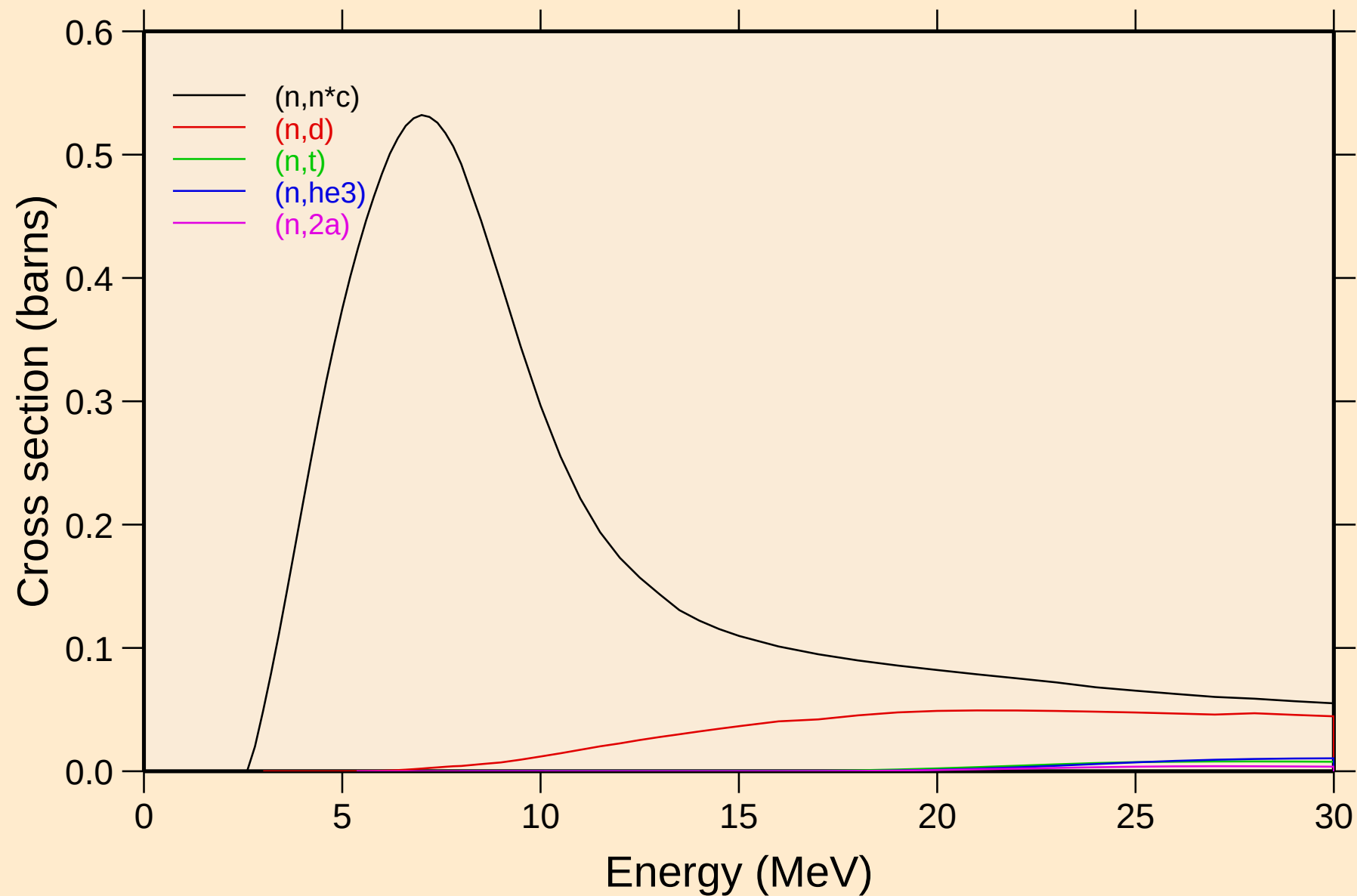
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



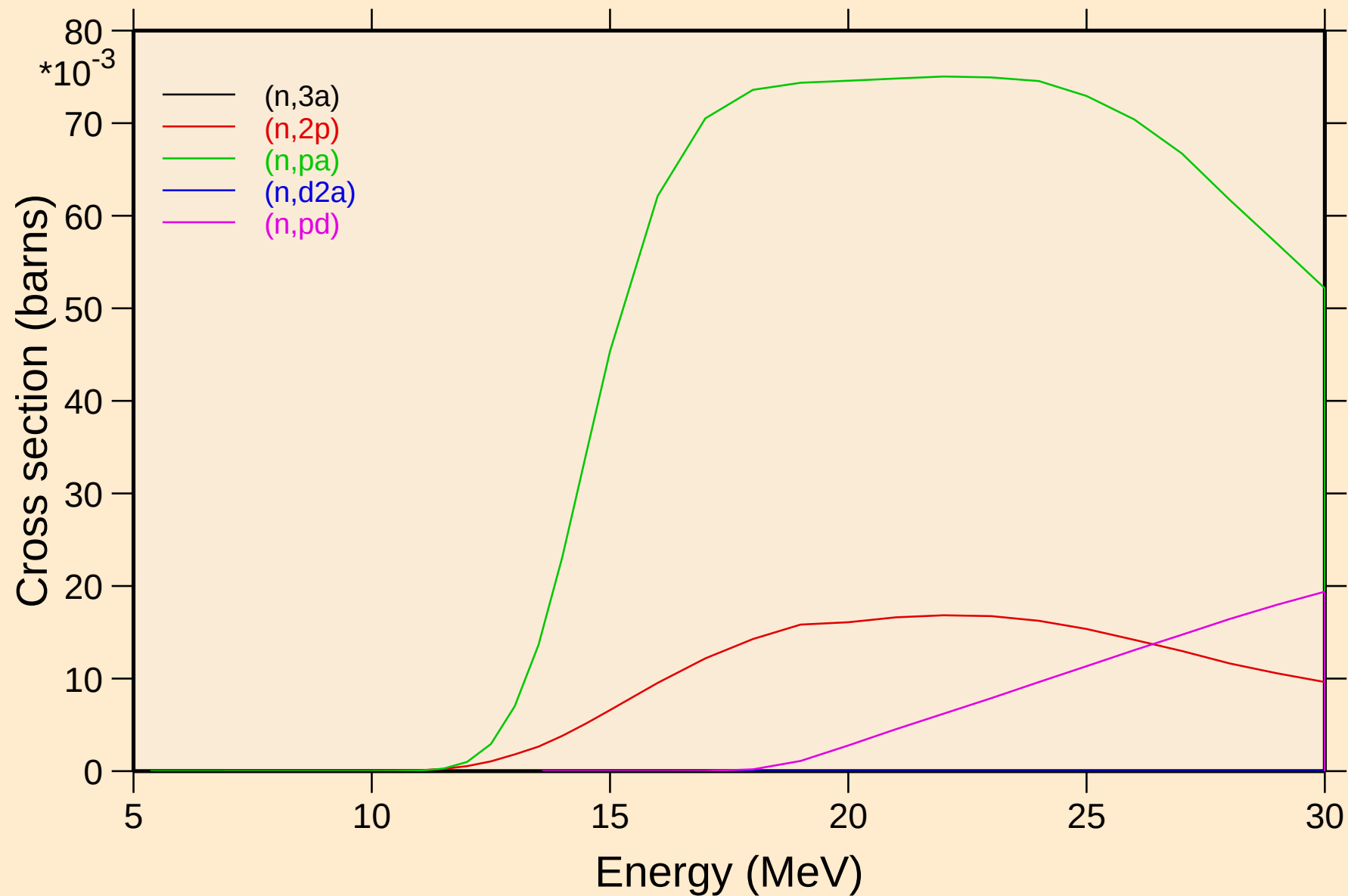
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



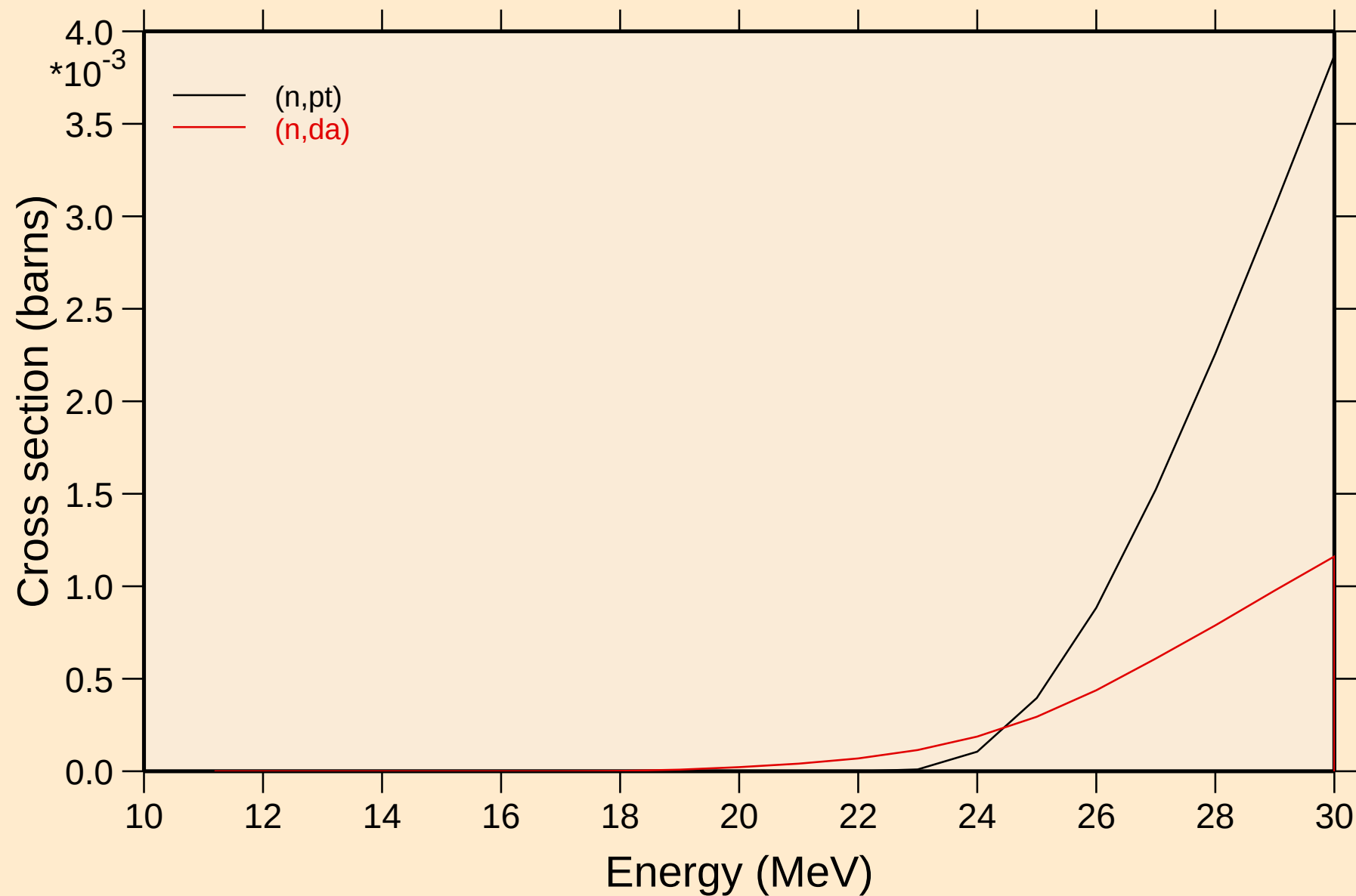
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



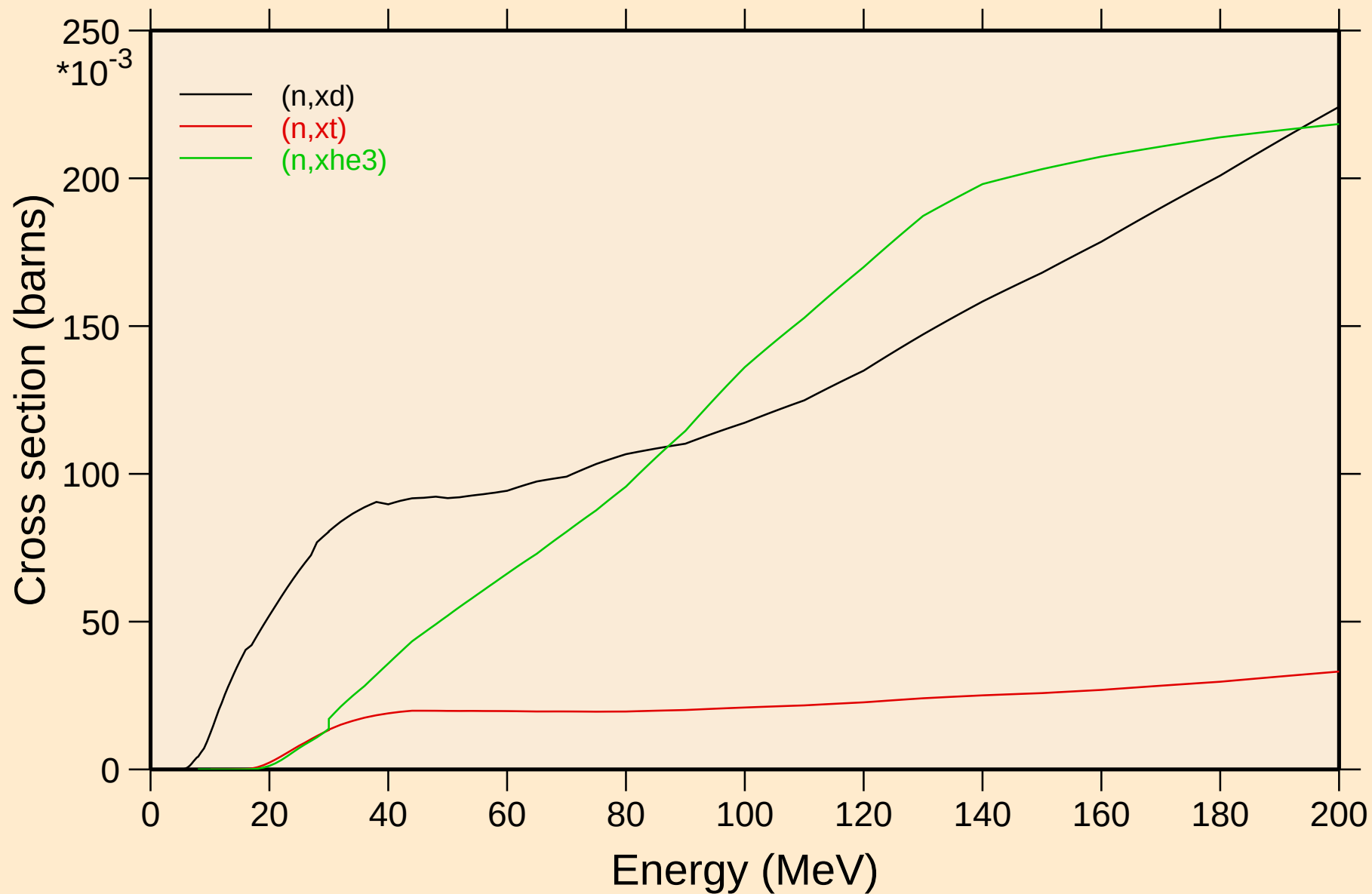
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

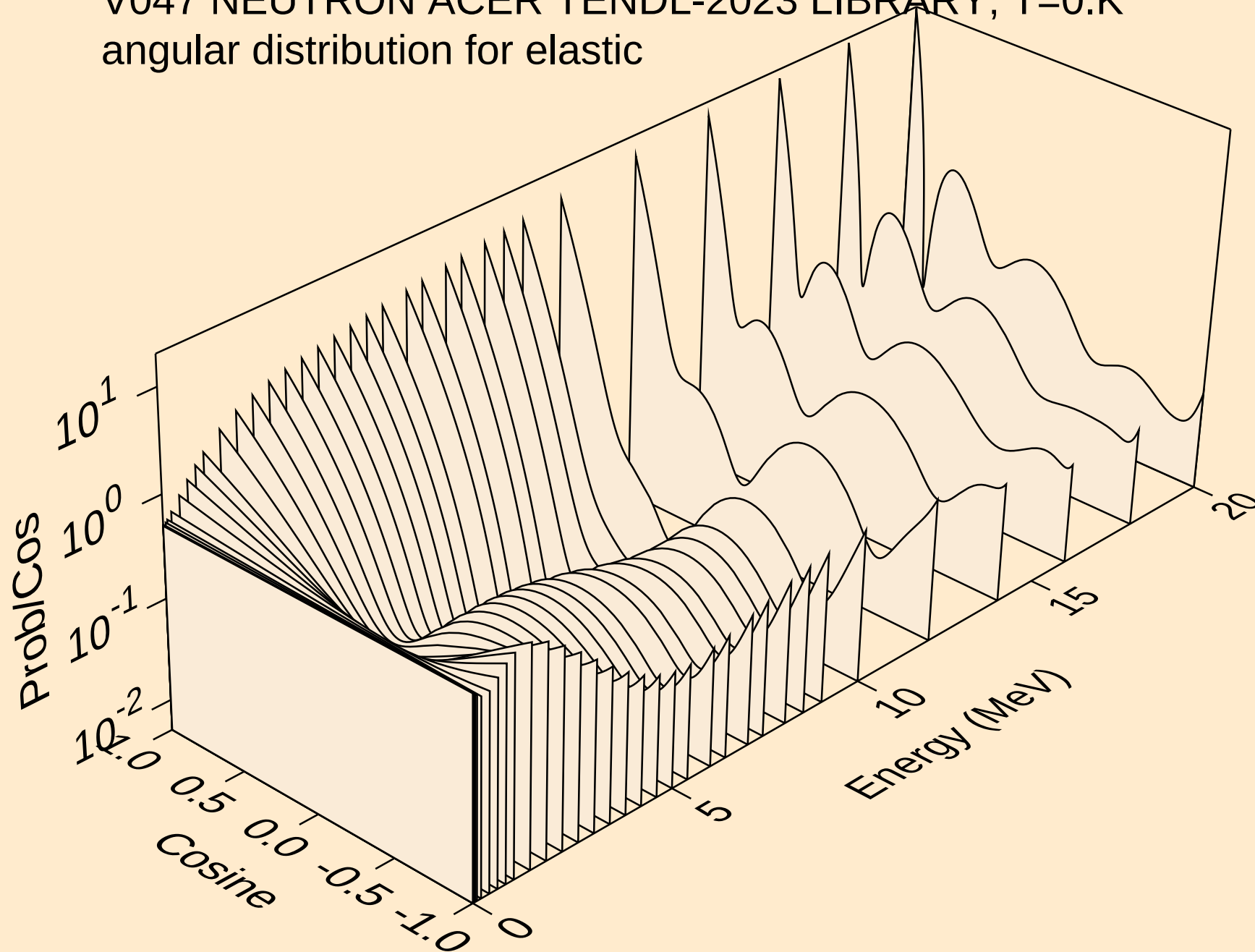


V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

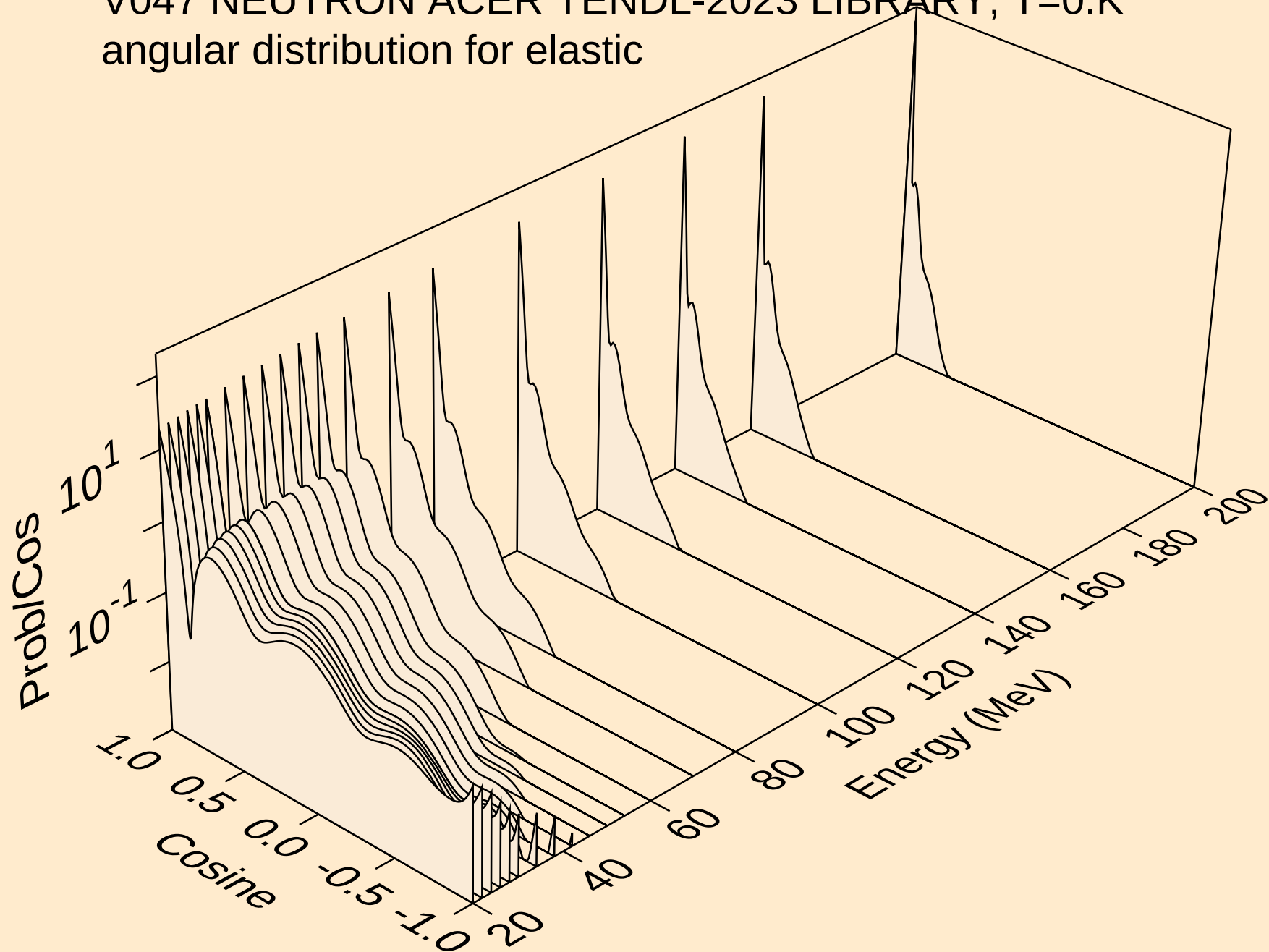
Threshold reactions



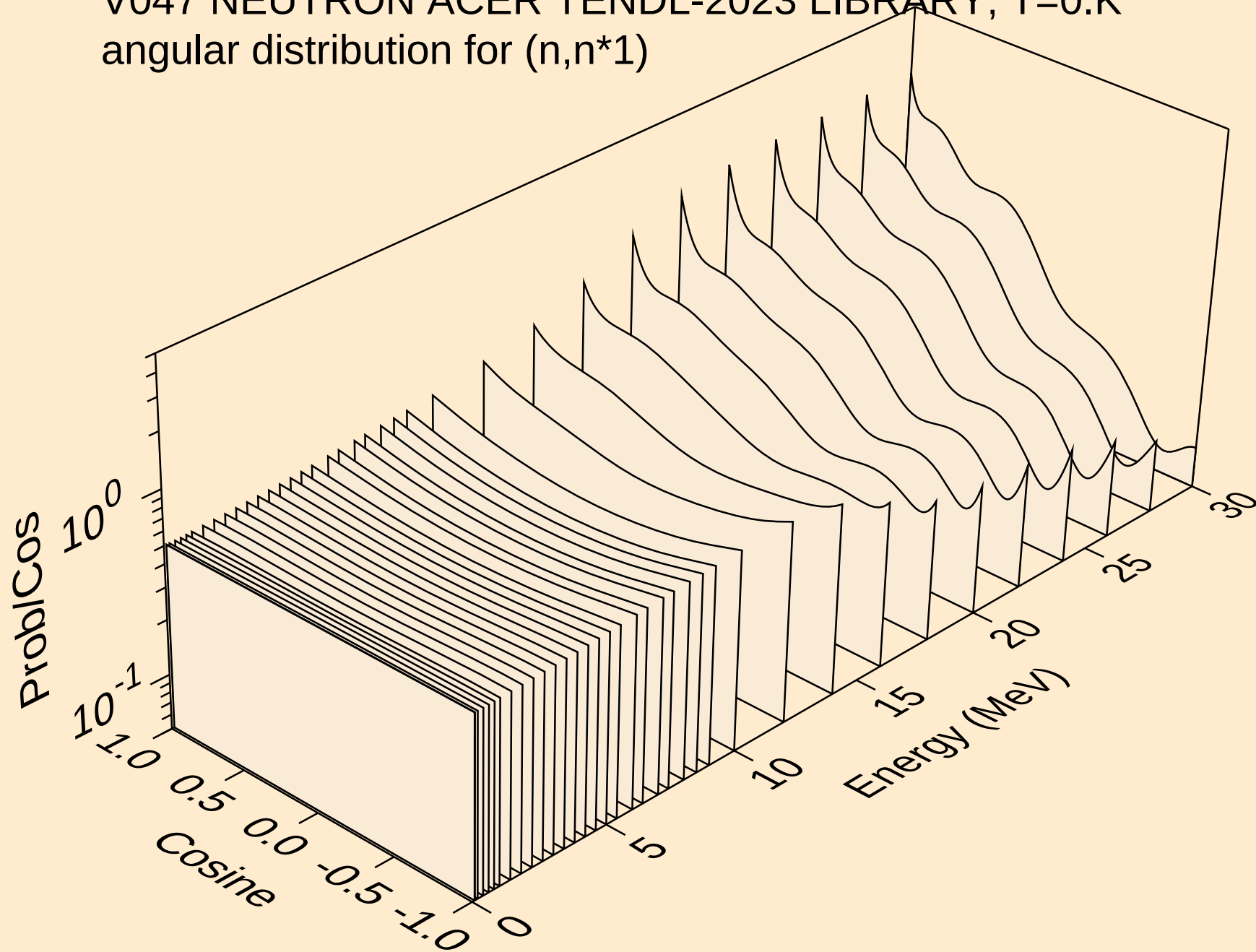
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



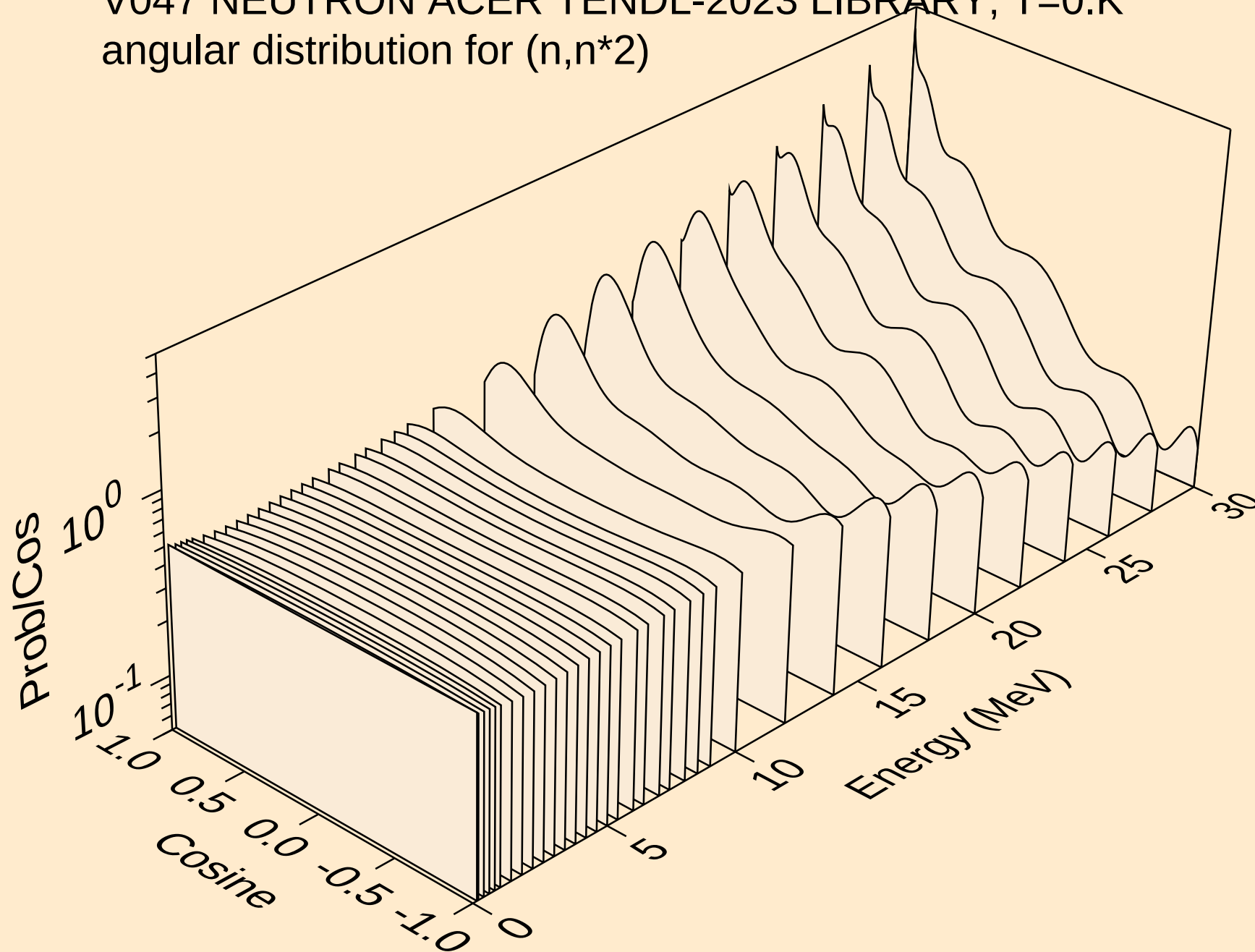
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



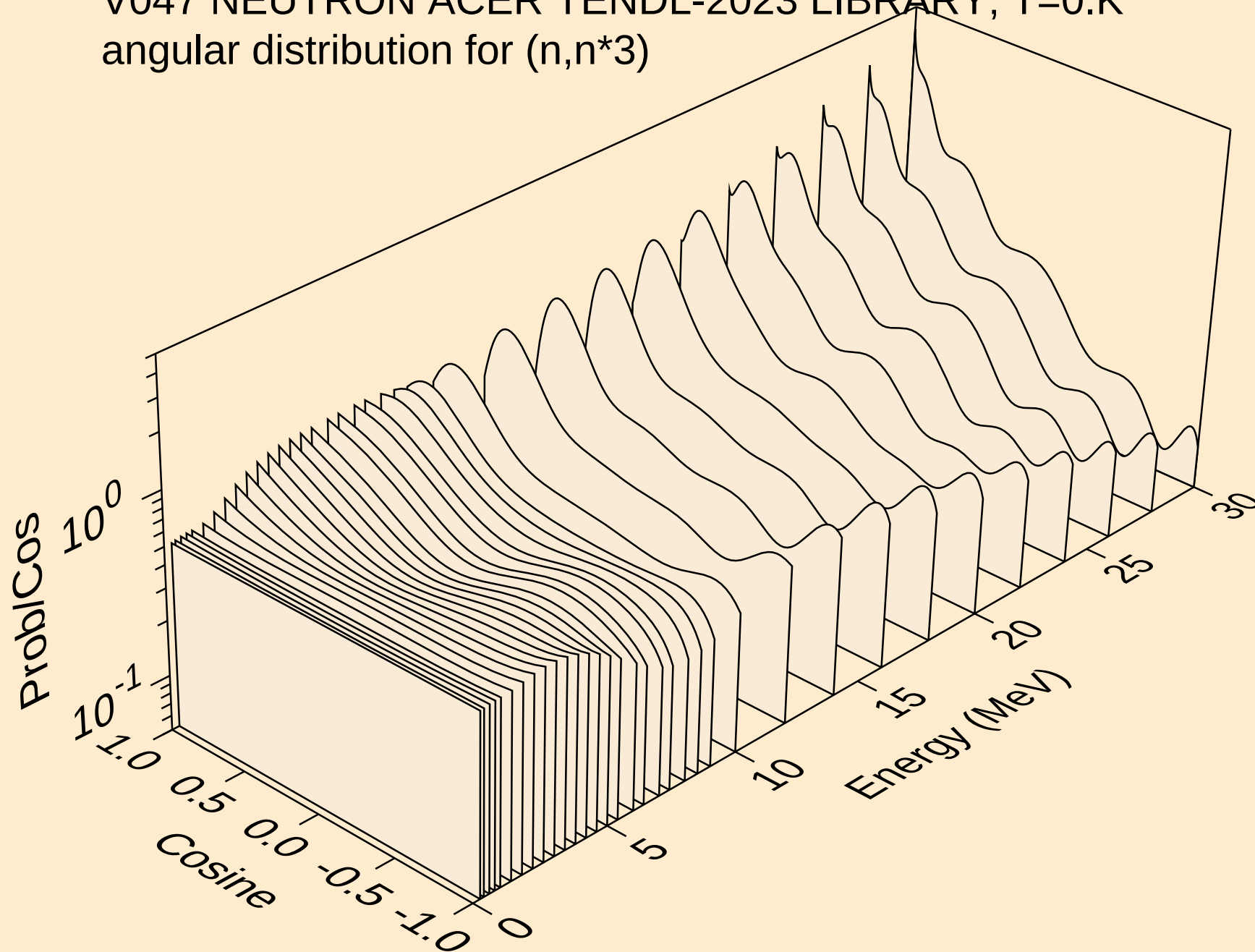
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



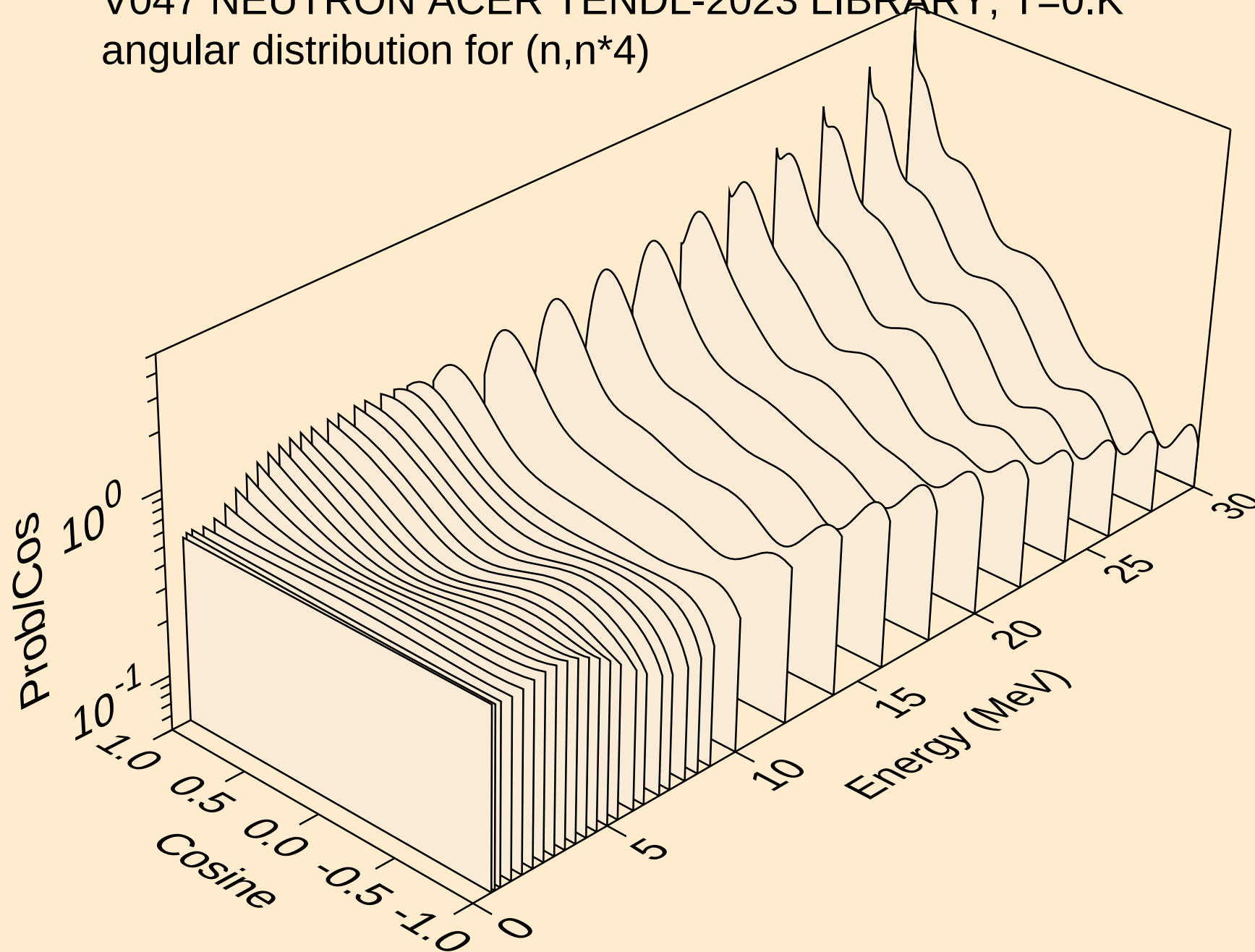
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angular distribution for (n,n*2)



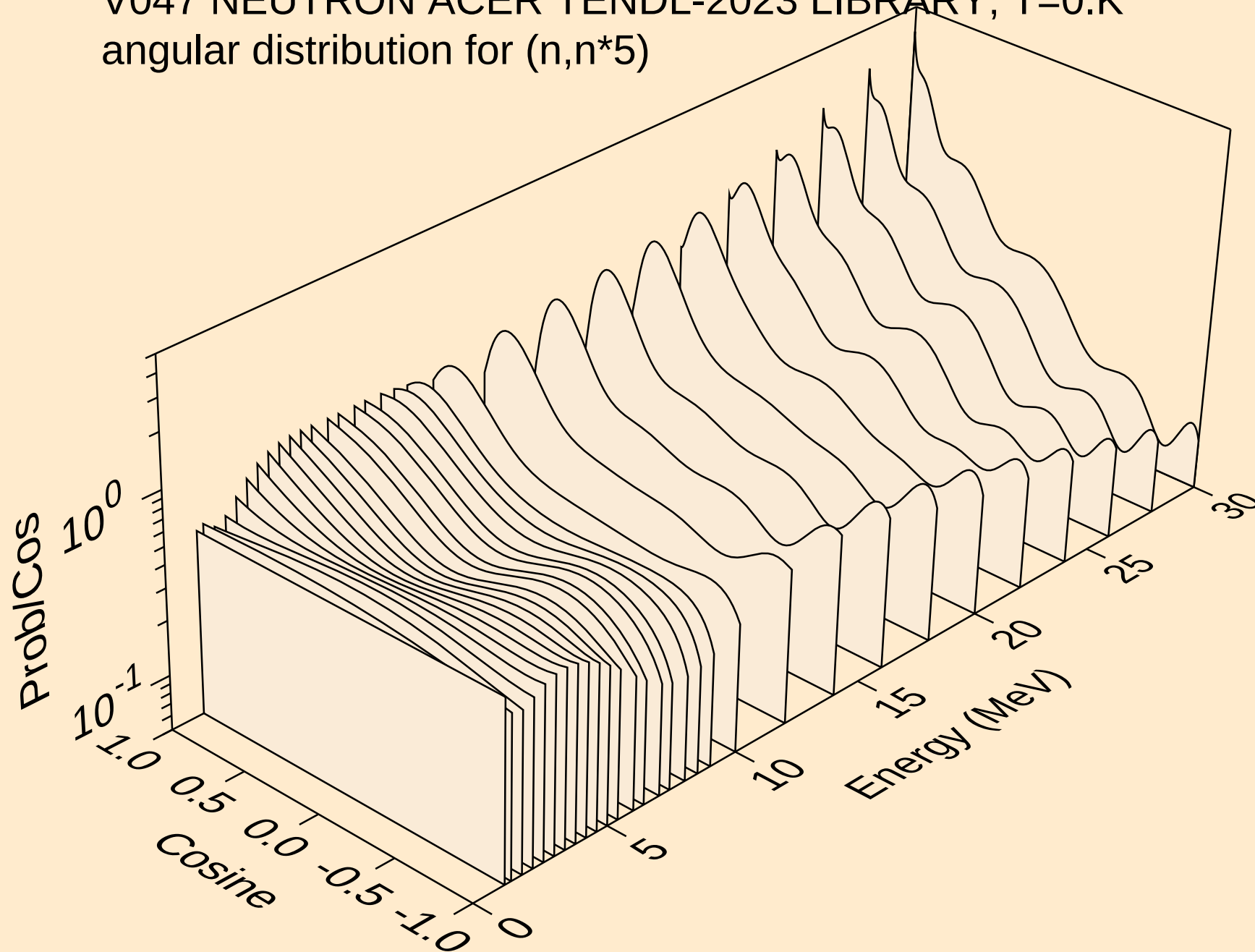
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angular distribution for (n,n*3)



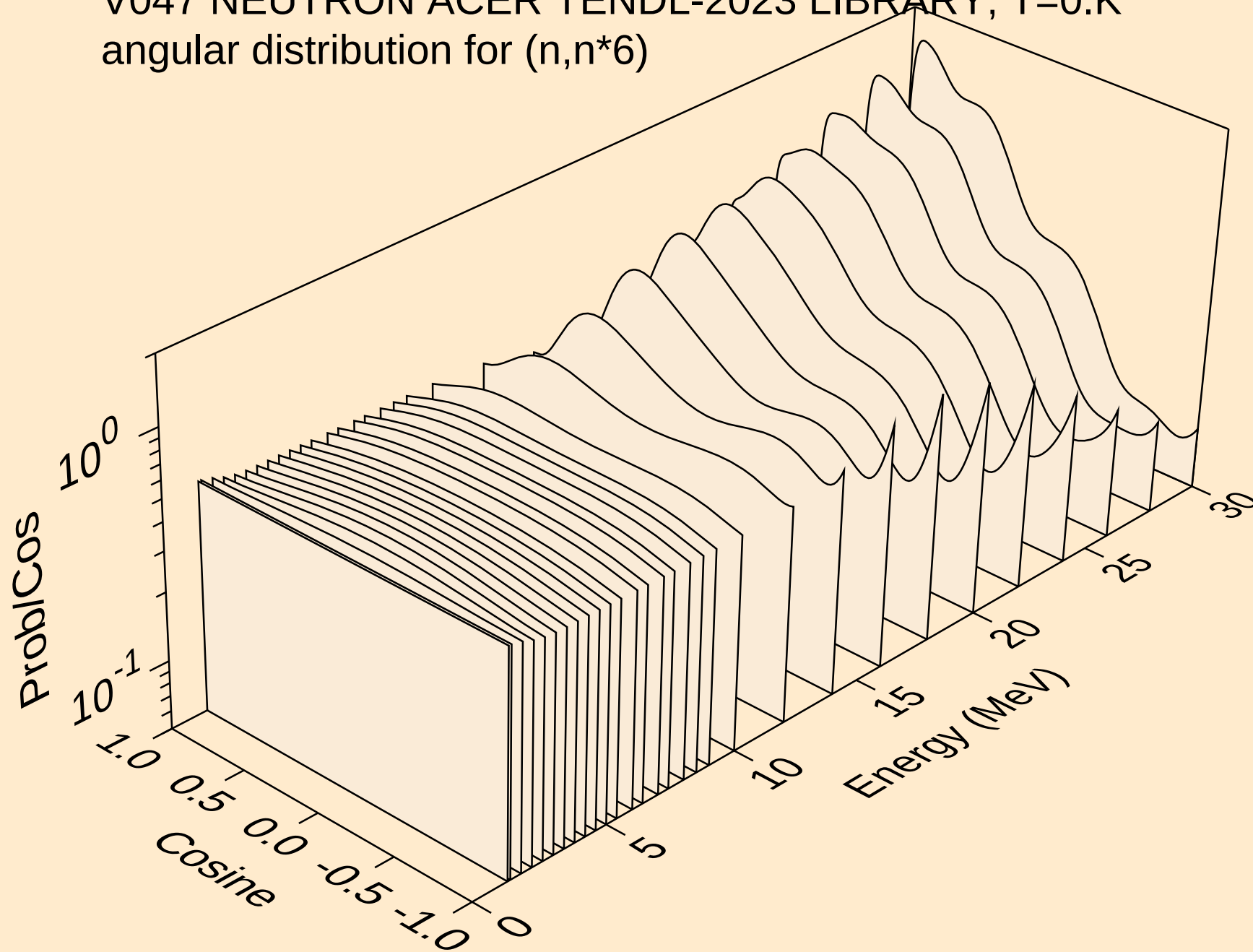
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angular distribution for (n,n*4)



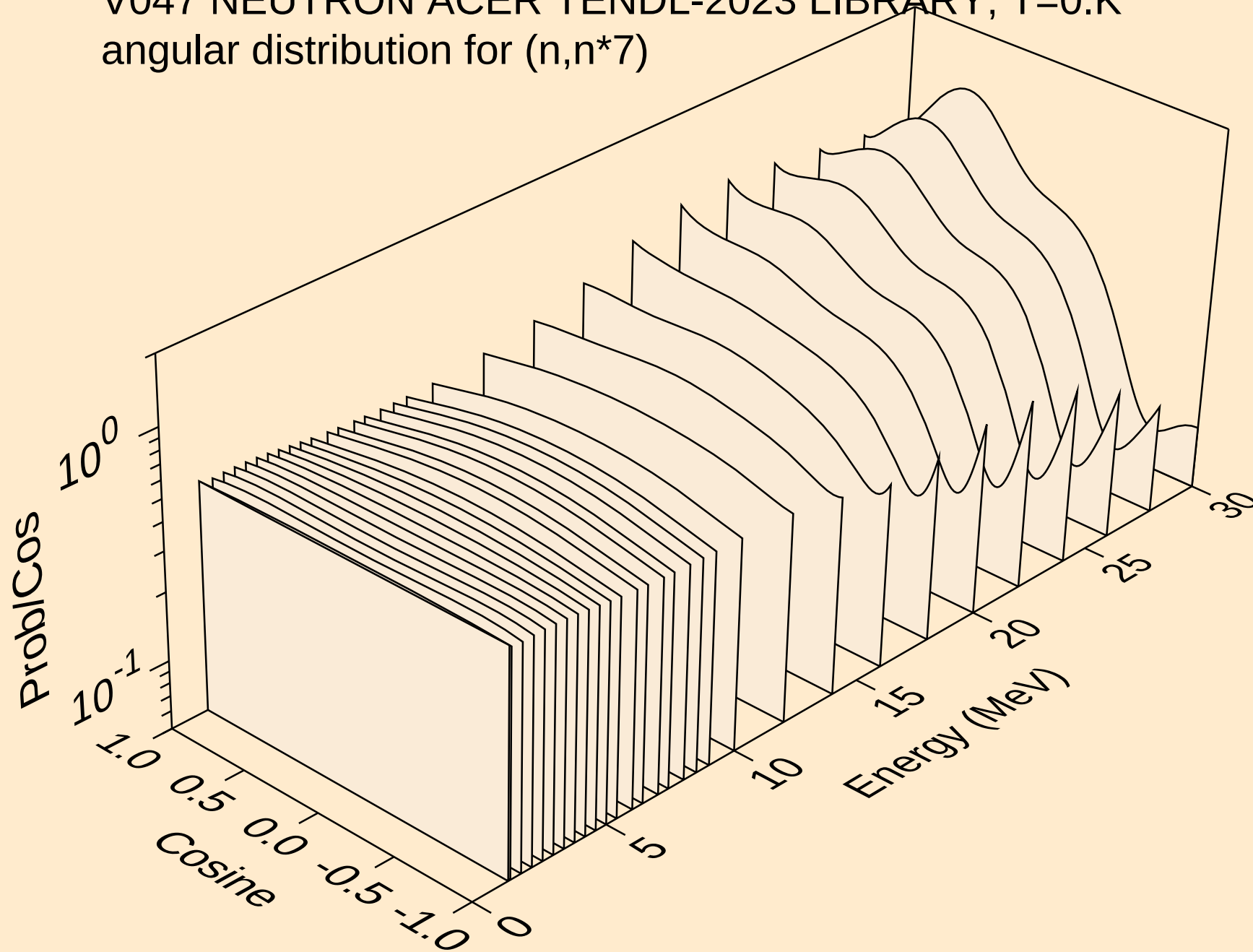
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angular distribution for (n,n*5)



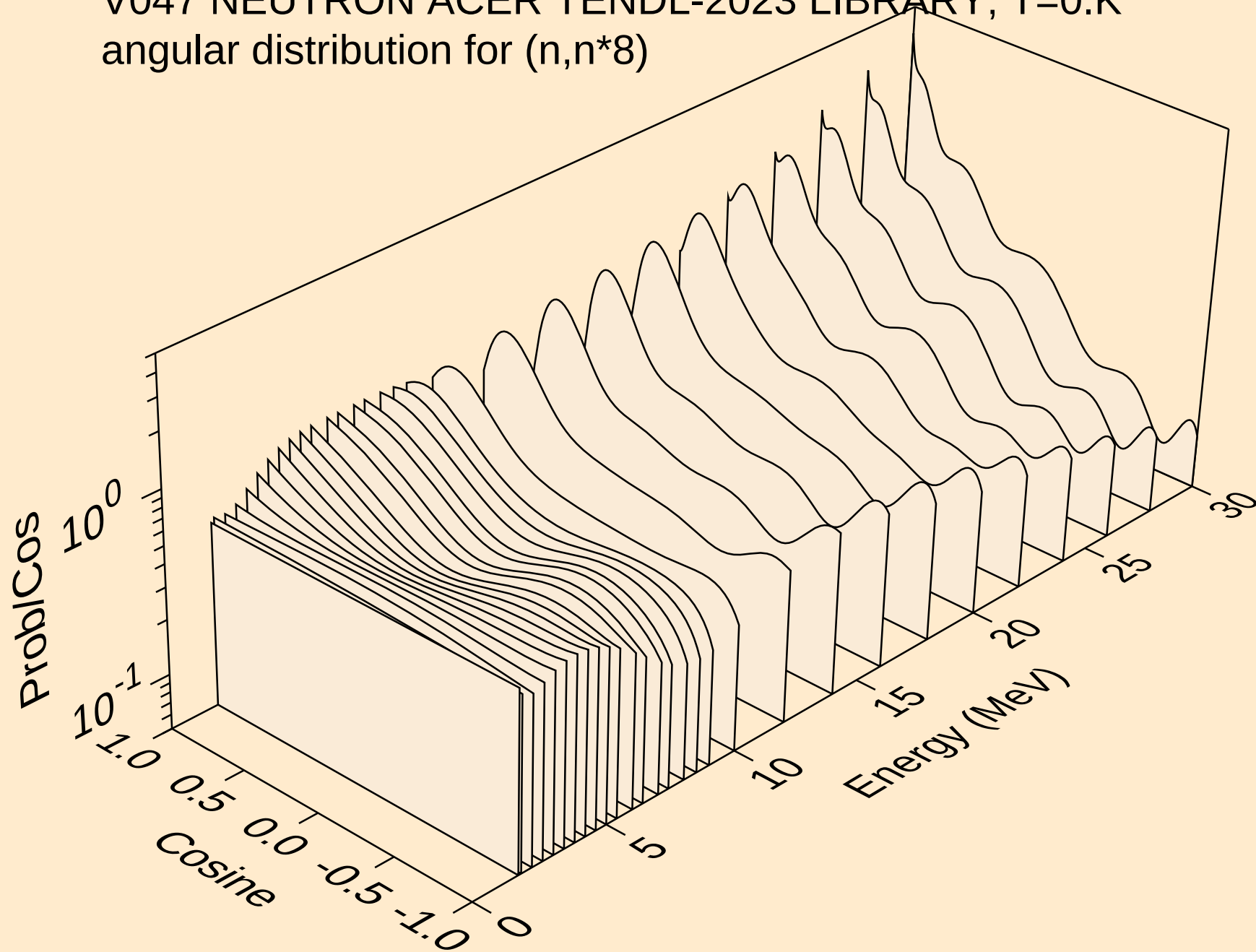
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angular distribution for (n,n*6)



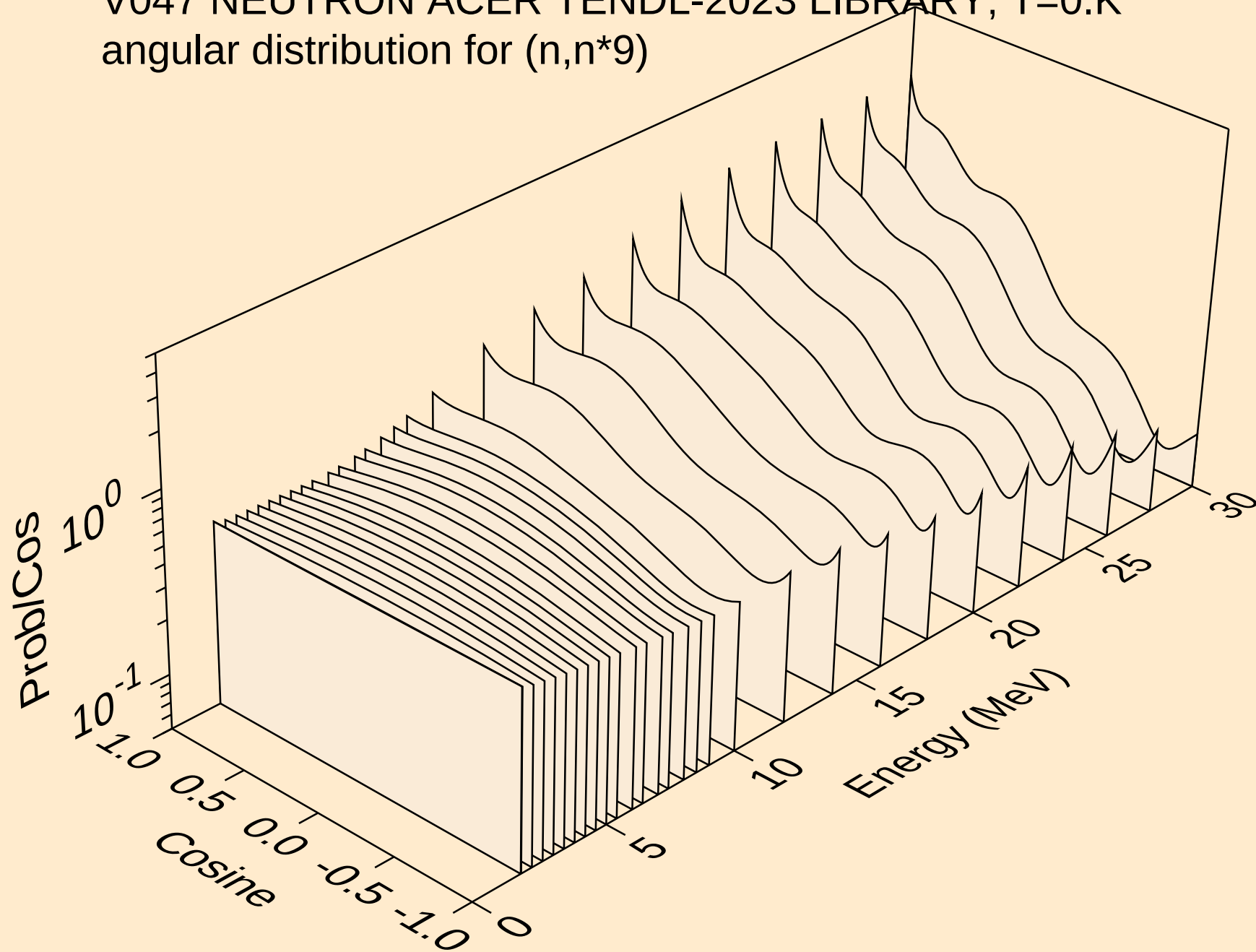
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angular distribution for (n,n*7)



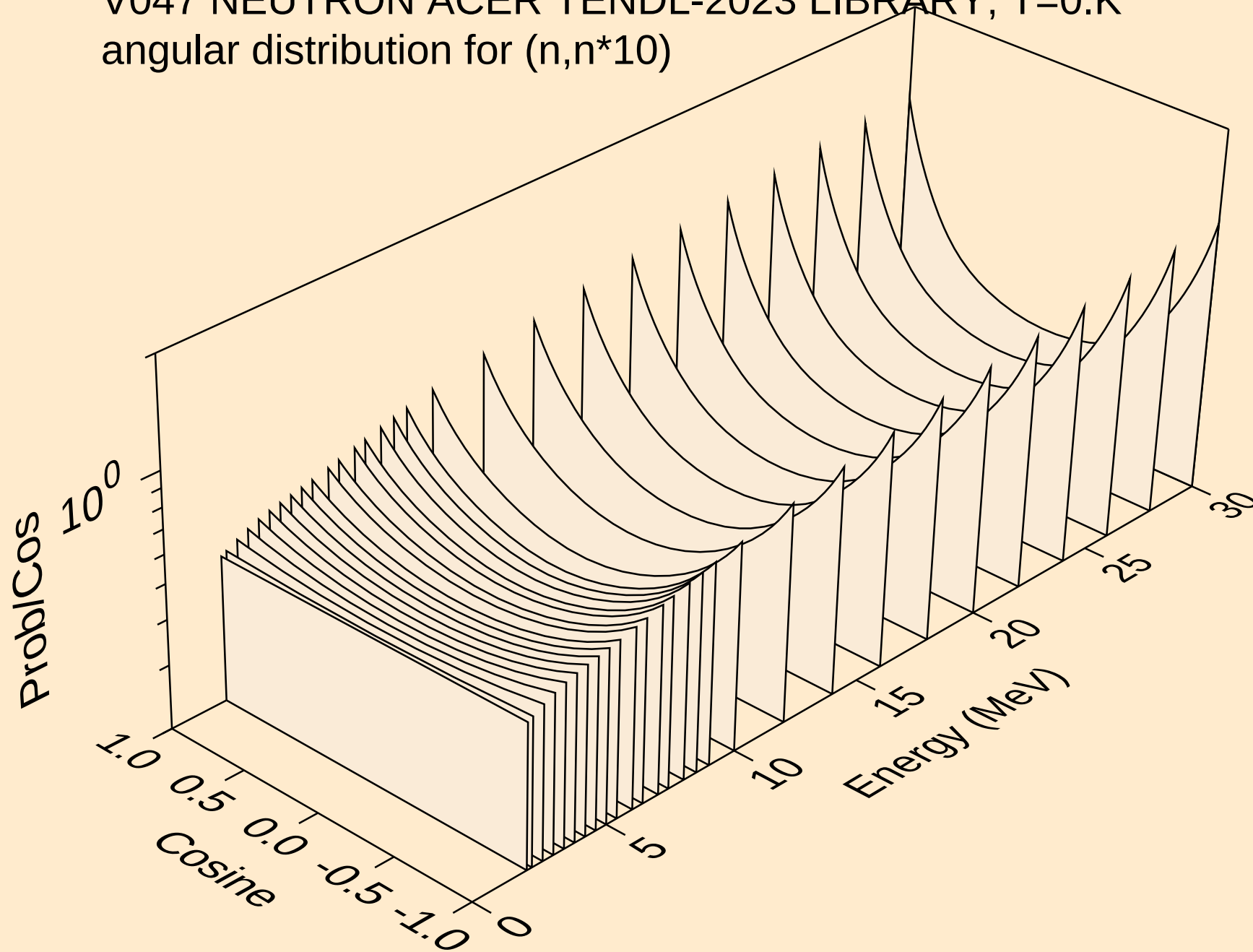
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angular distribution for (n,n*8)



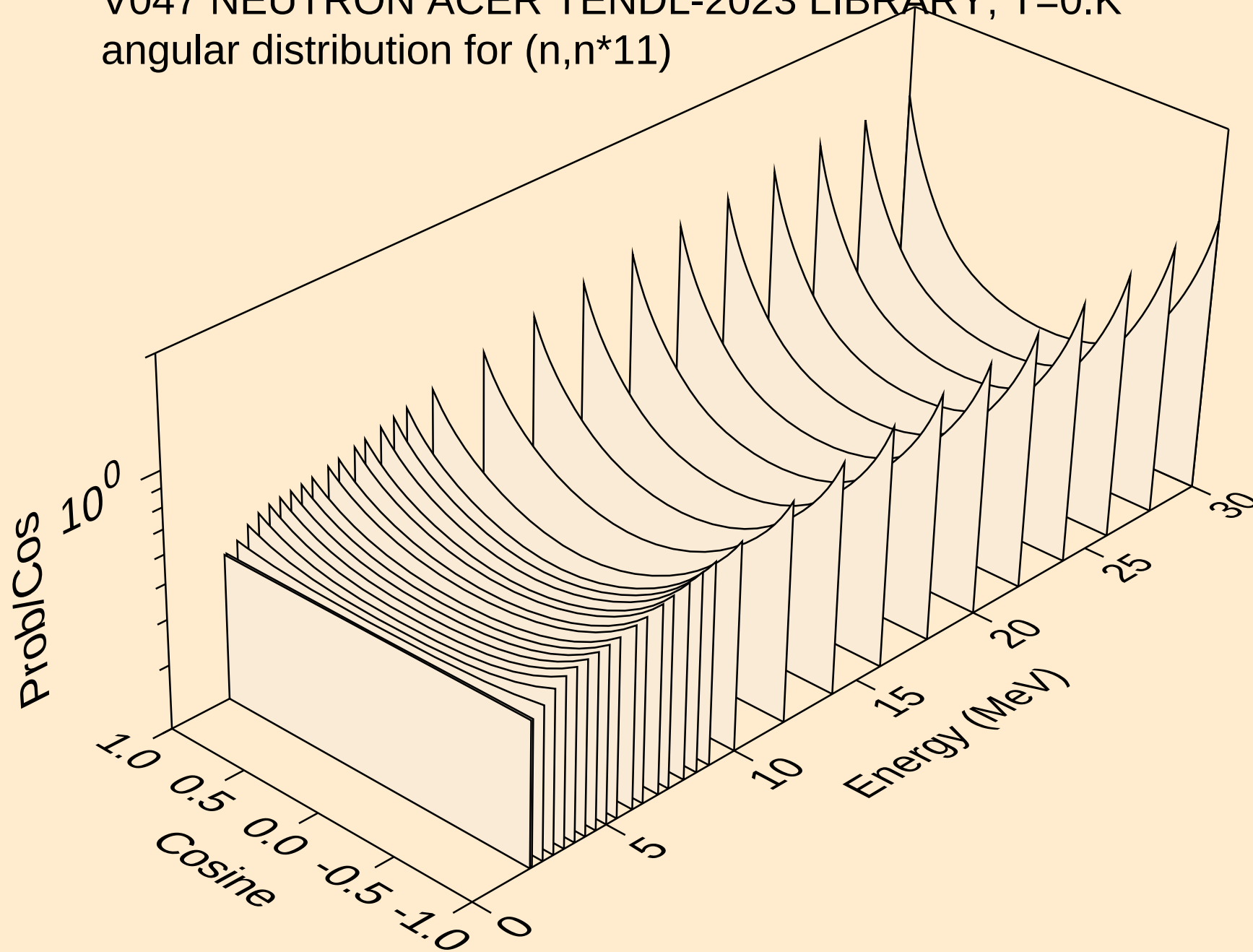
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angular distribution for (n,n*9)



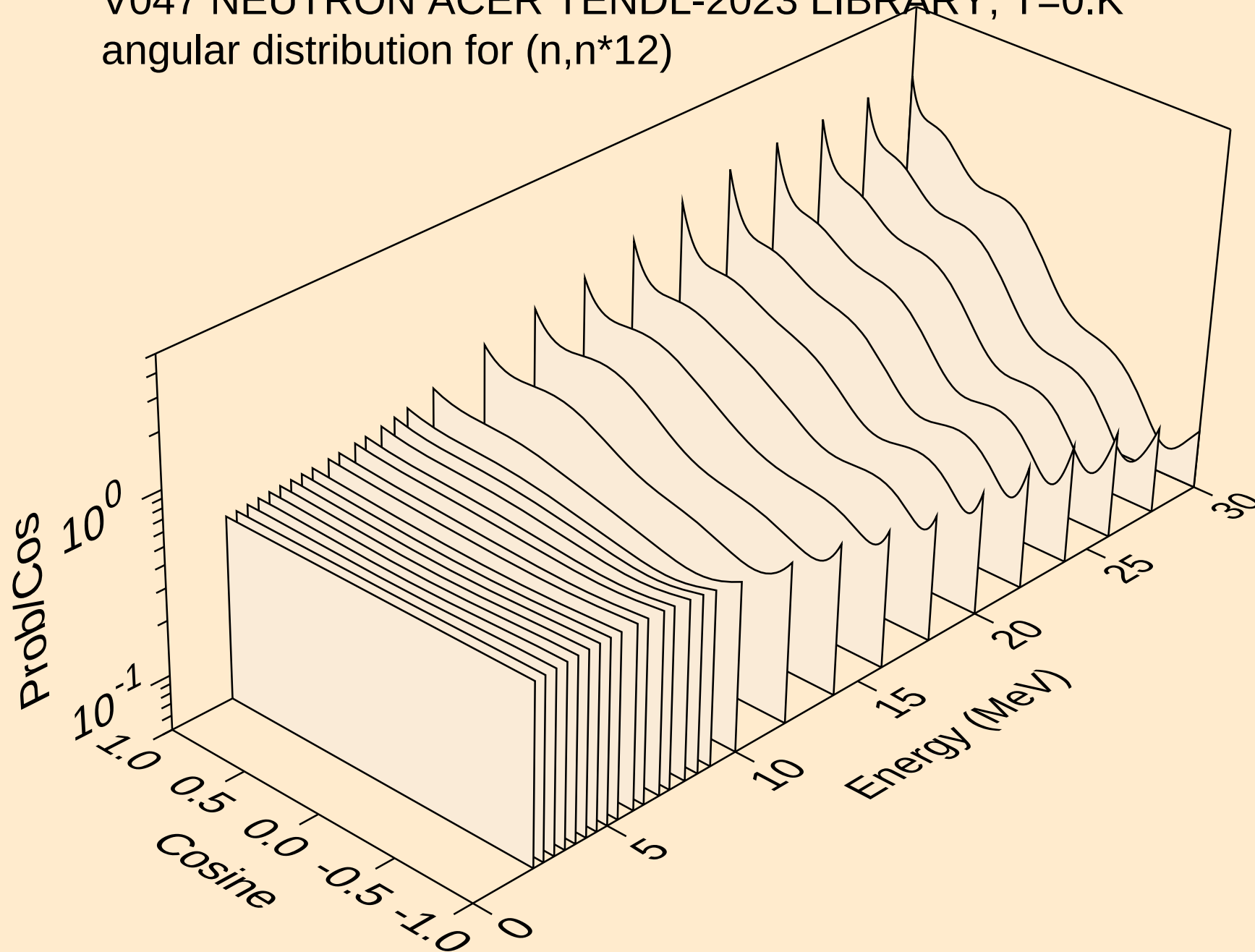
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angular distribution for (n,n*10)



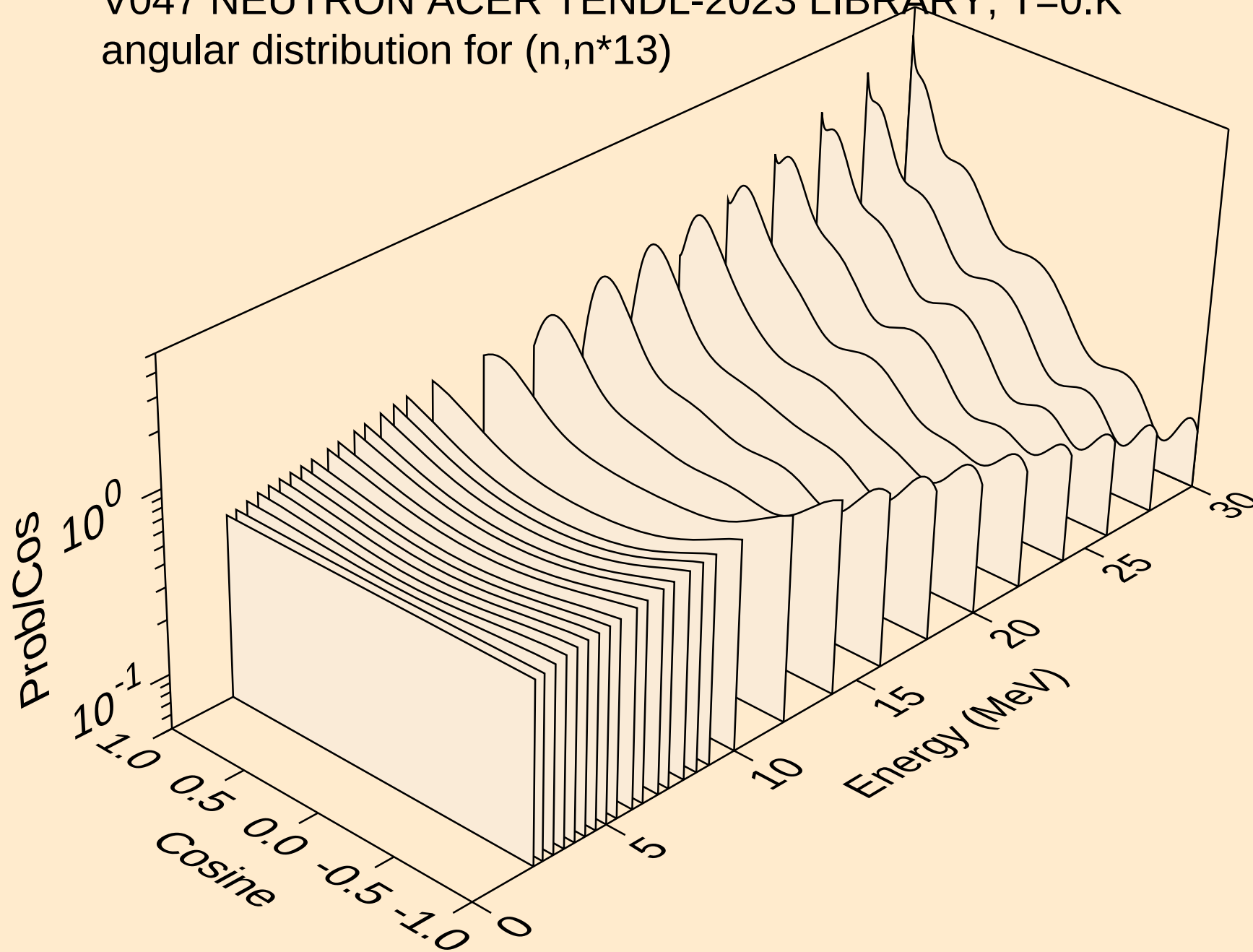
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angular distribution for (n,n*11)



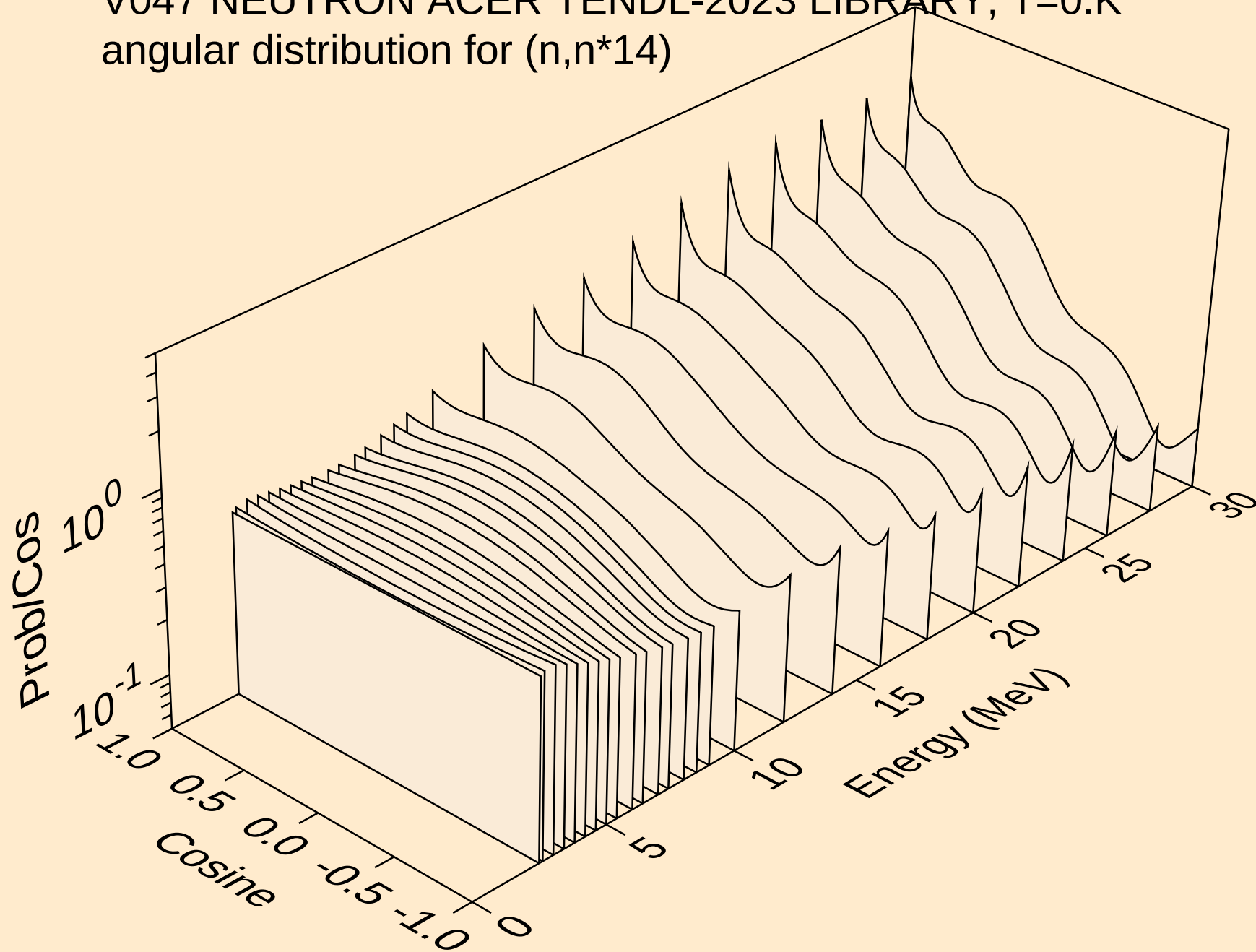
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angular distribution for (n,n*12)



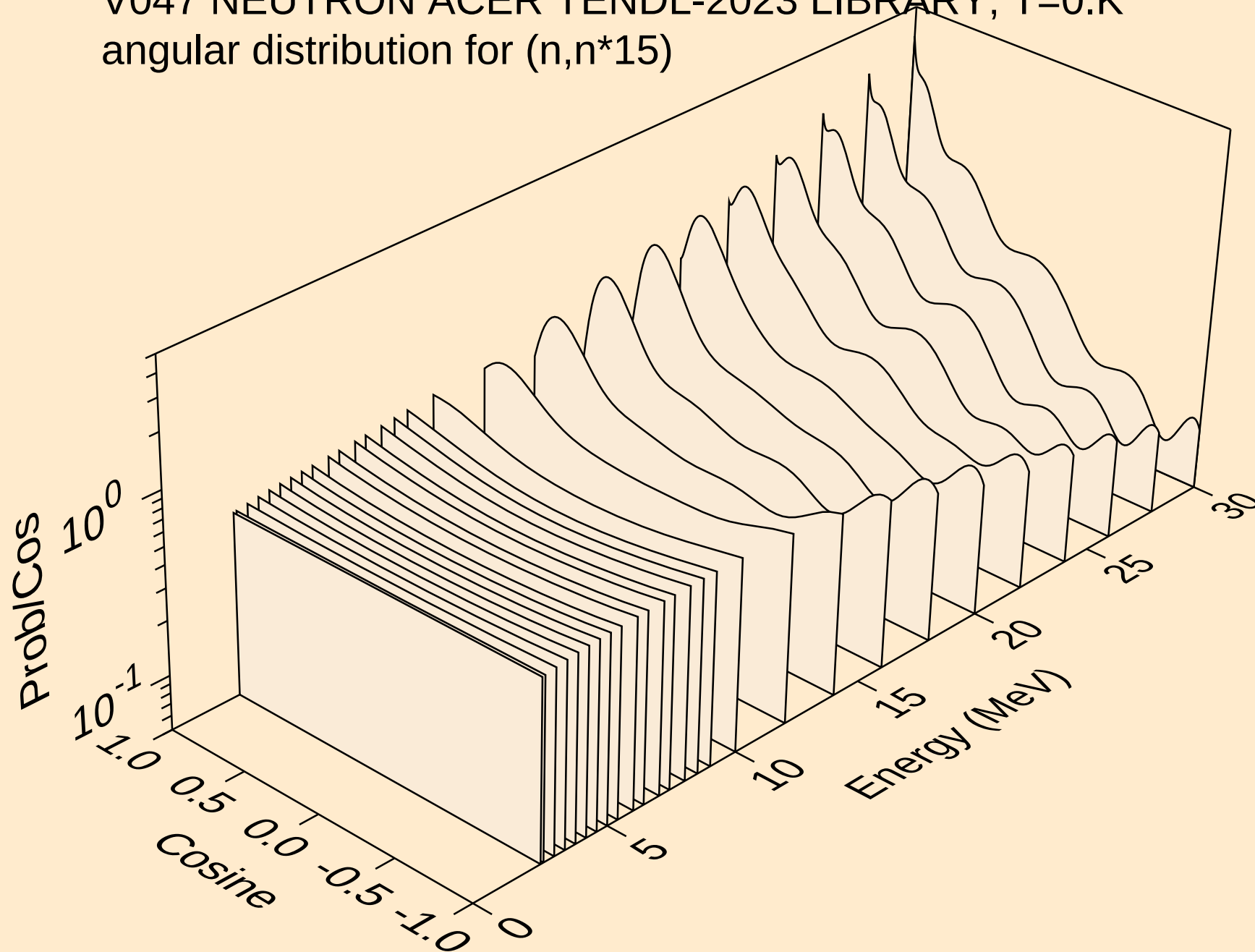
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angular distribution for (n,n*13)



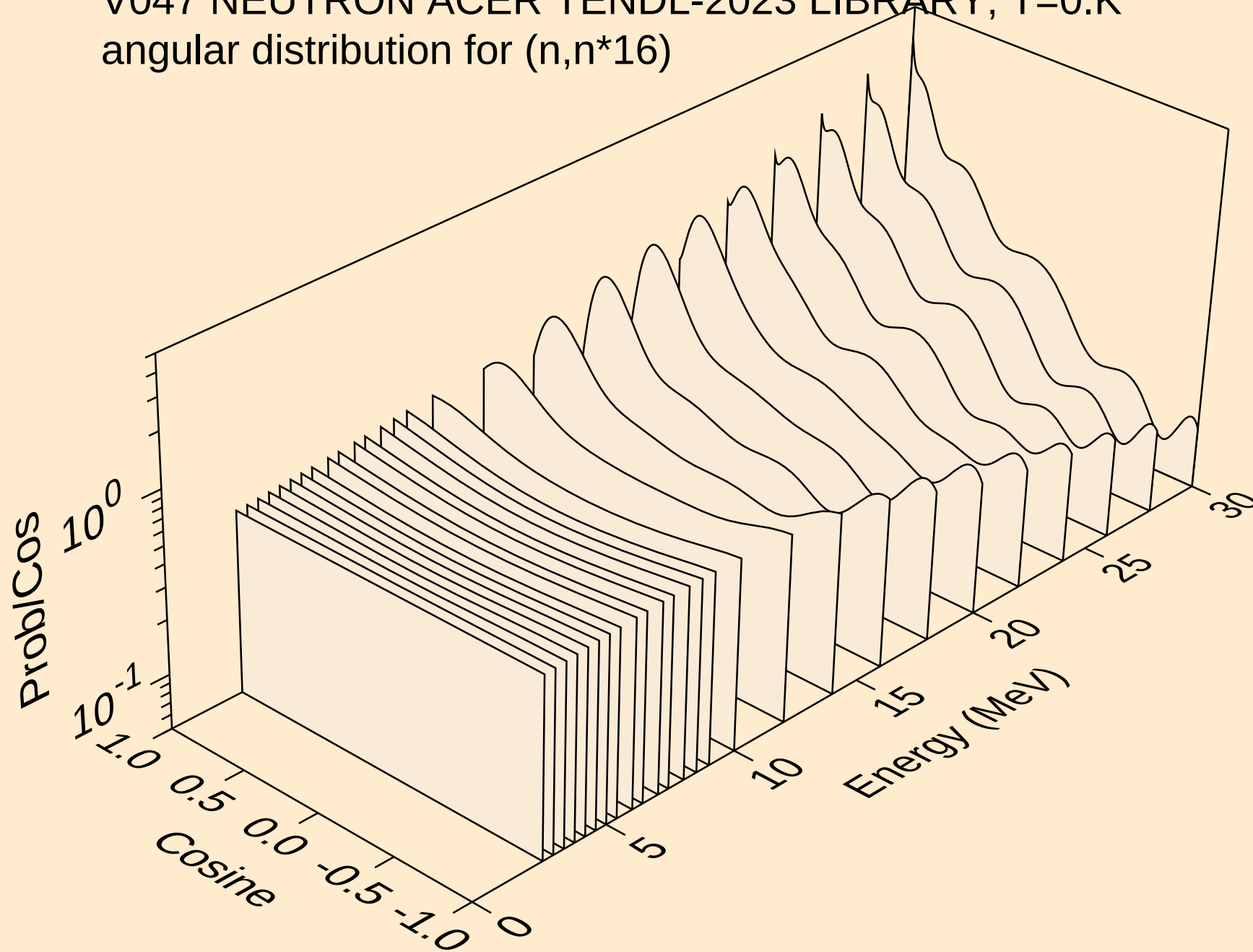
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angular distribution for (n,n*14)



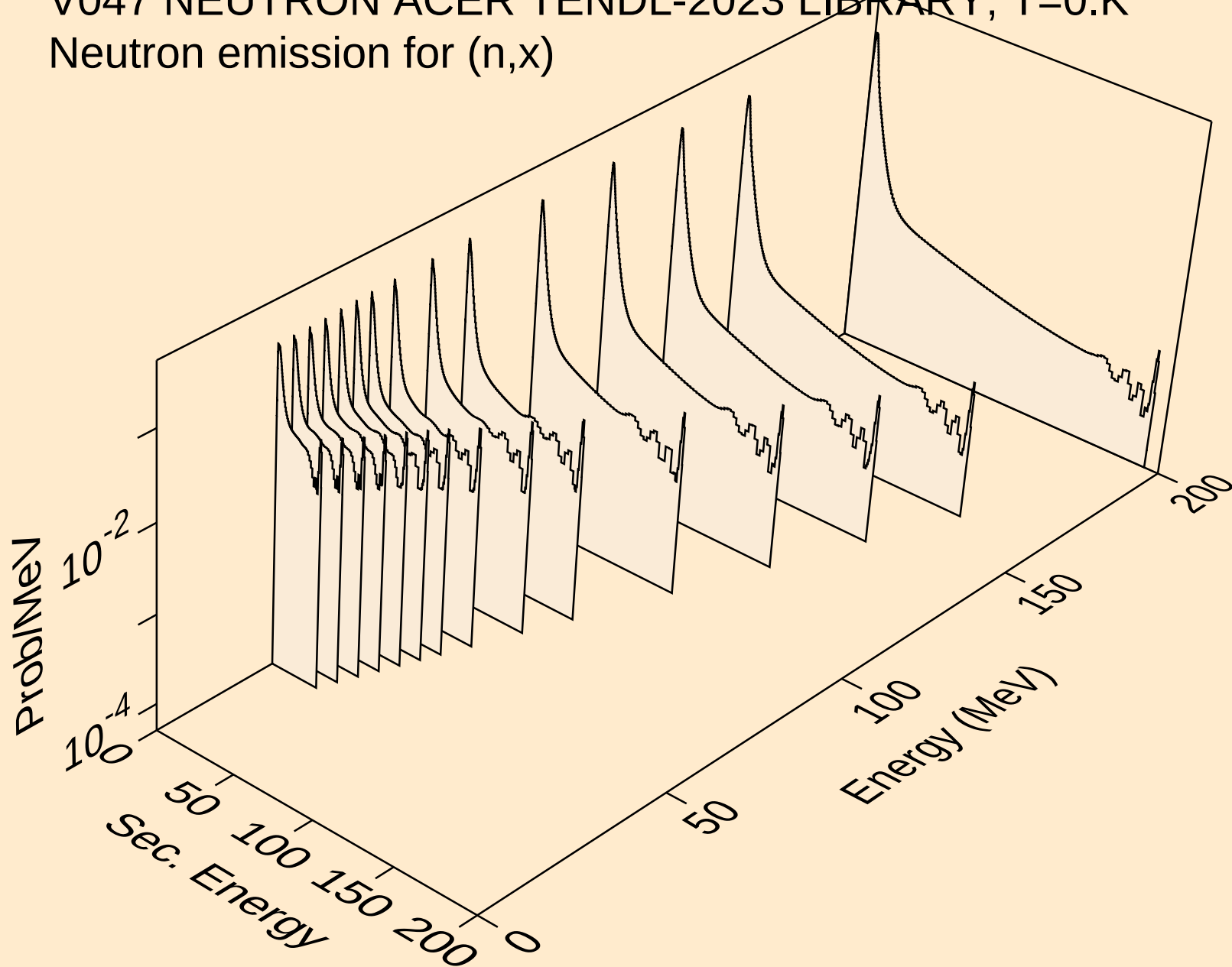
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angular distribution for (n,n*15)



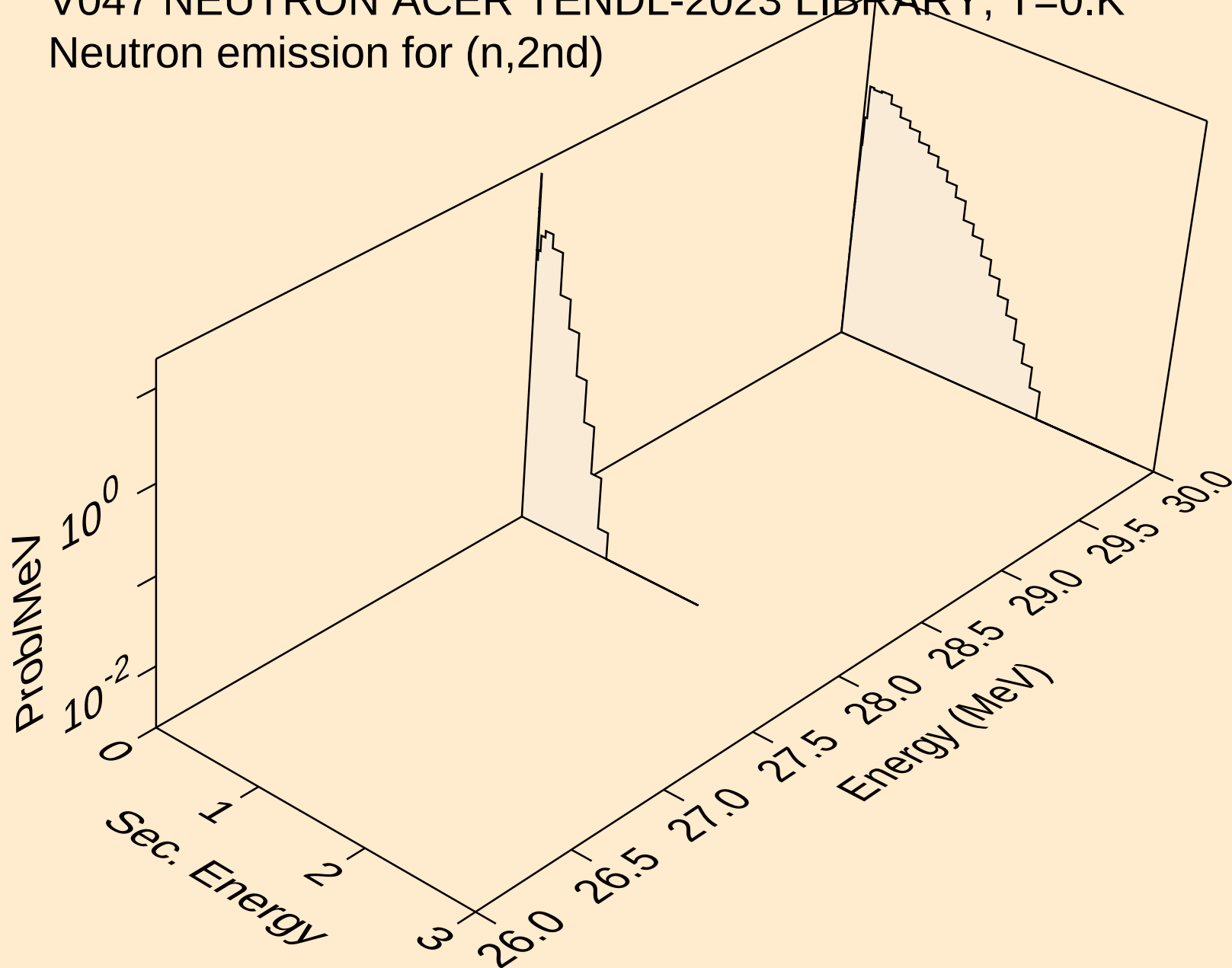
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angular distribution for (n,n*16)



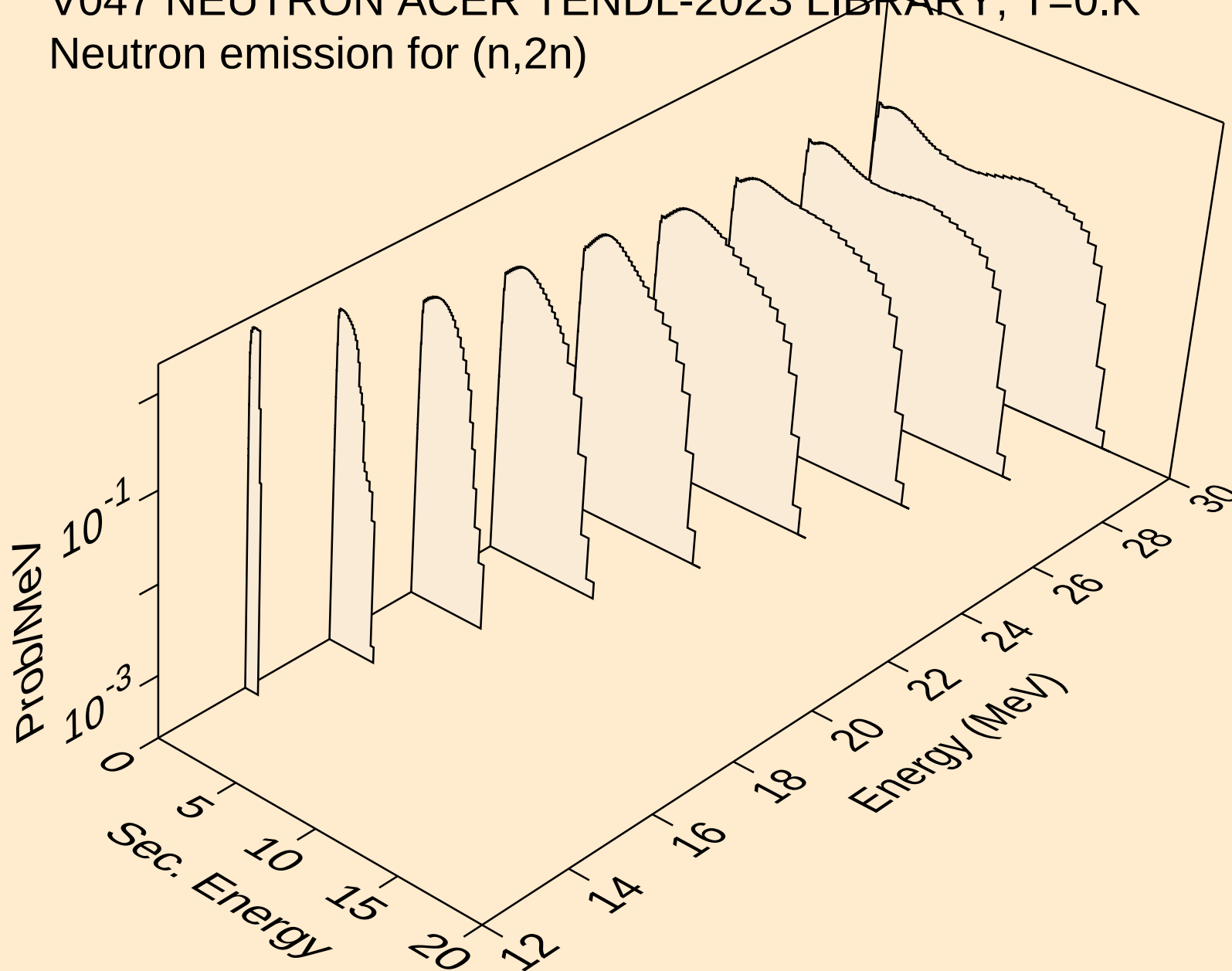
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



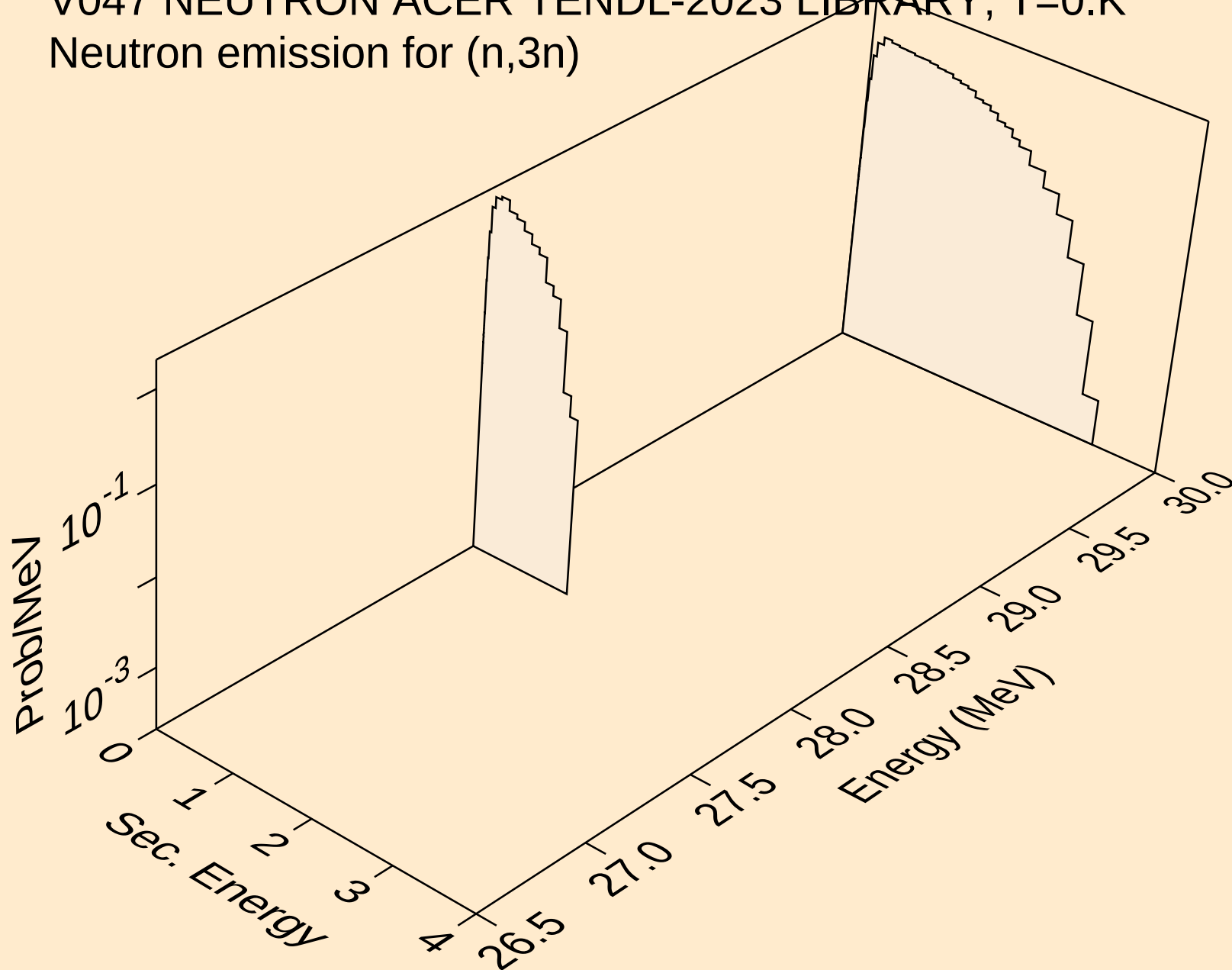
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)

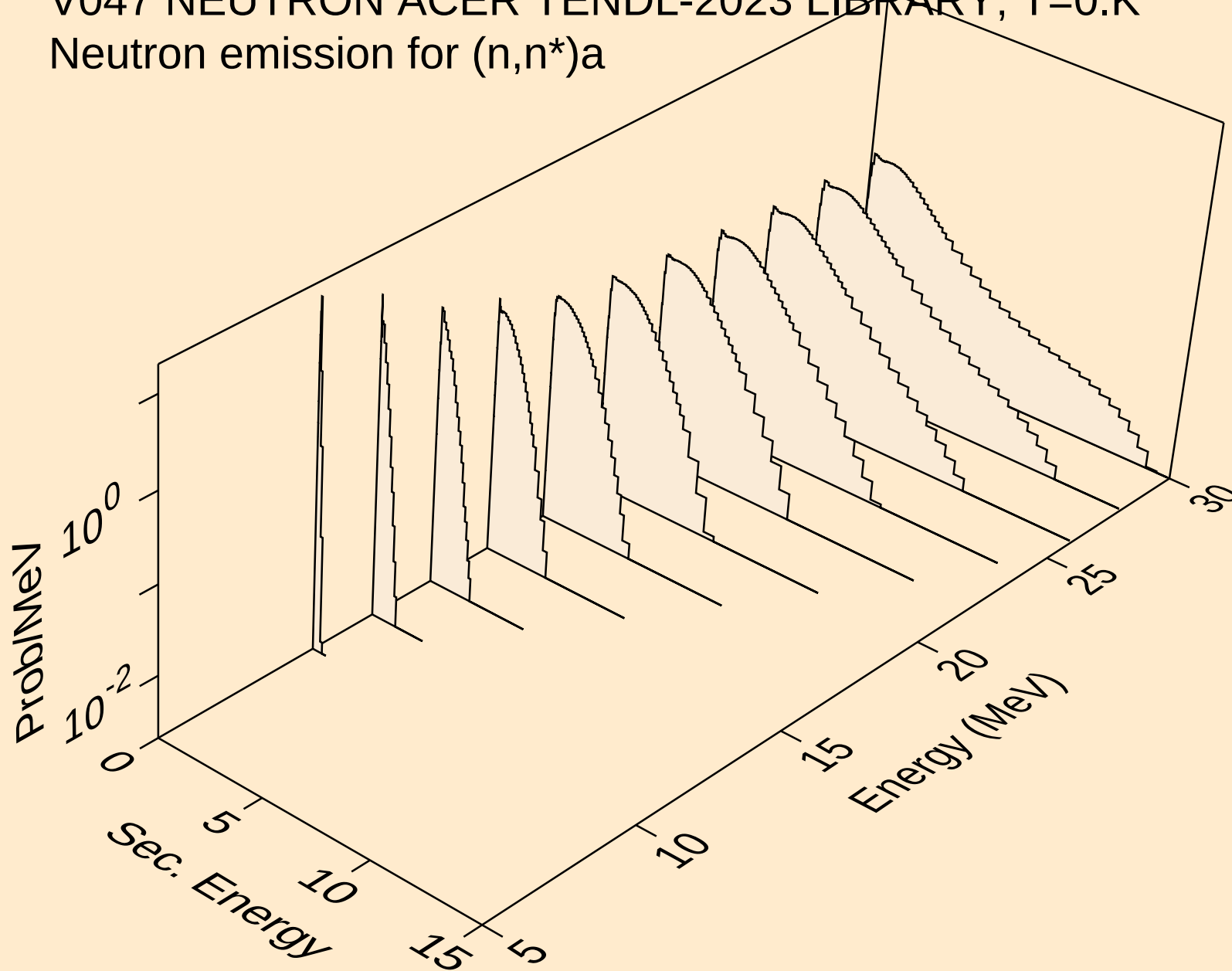


V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)

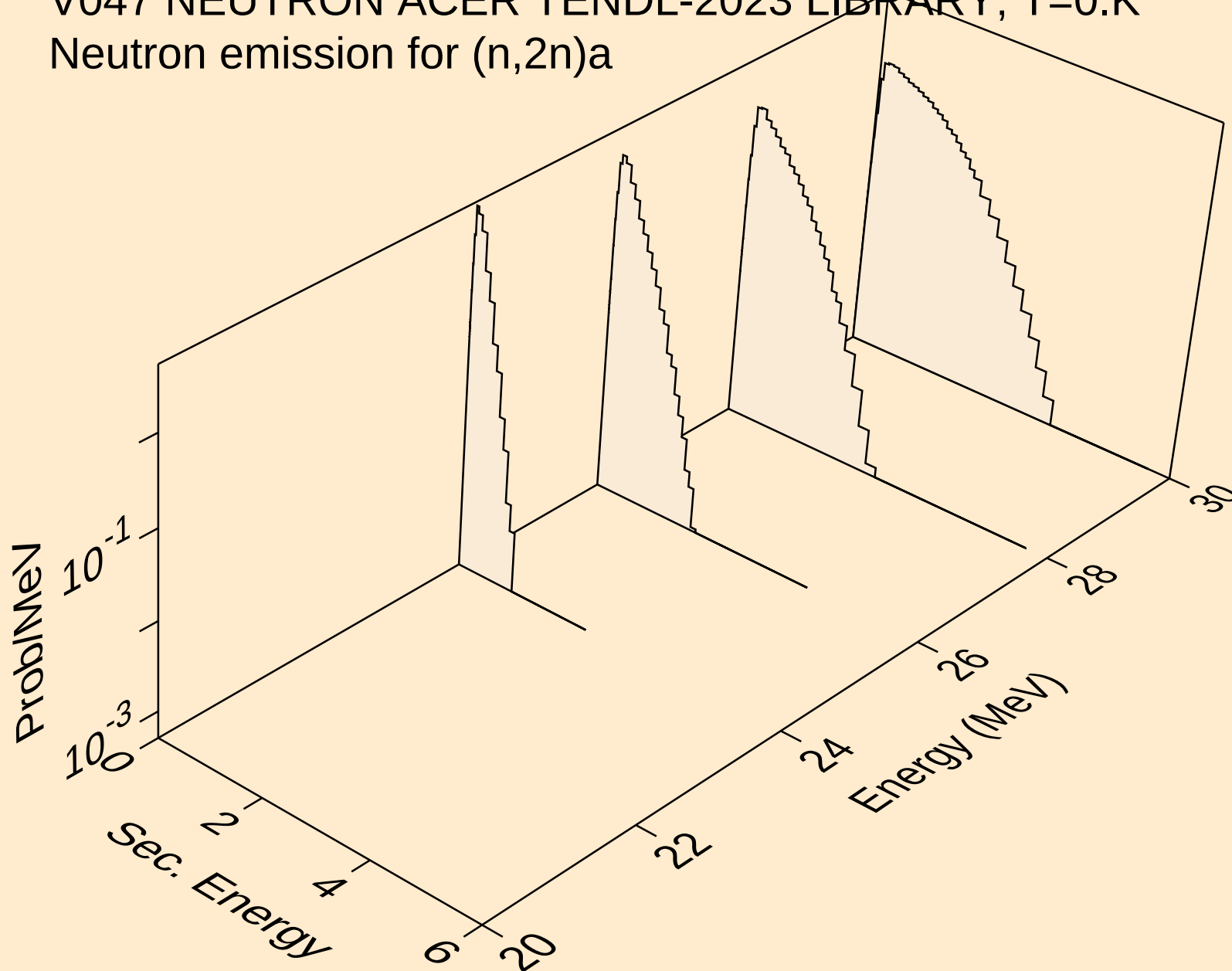


V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

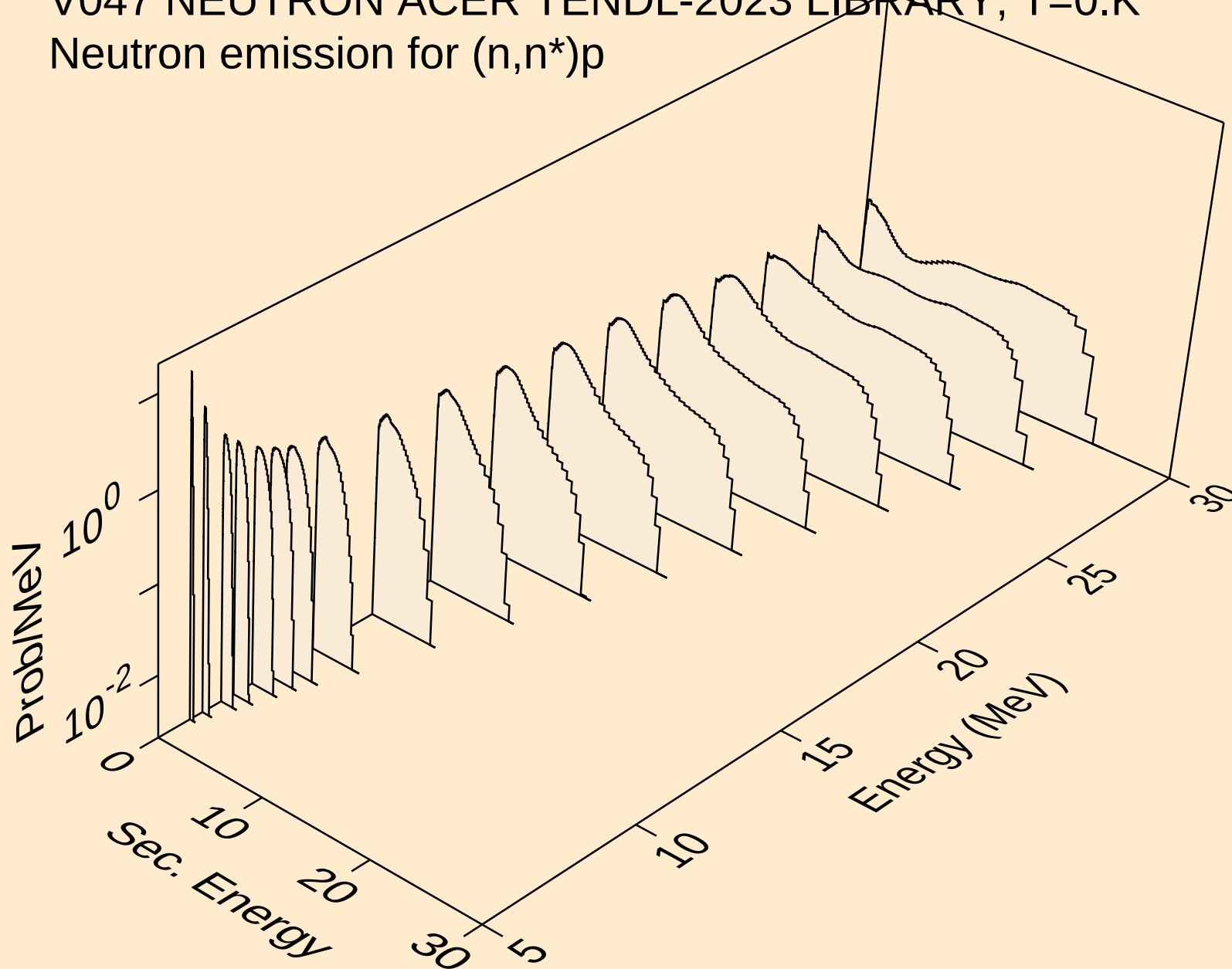
Neutron emission for (n,n*)a



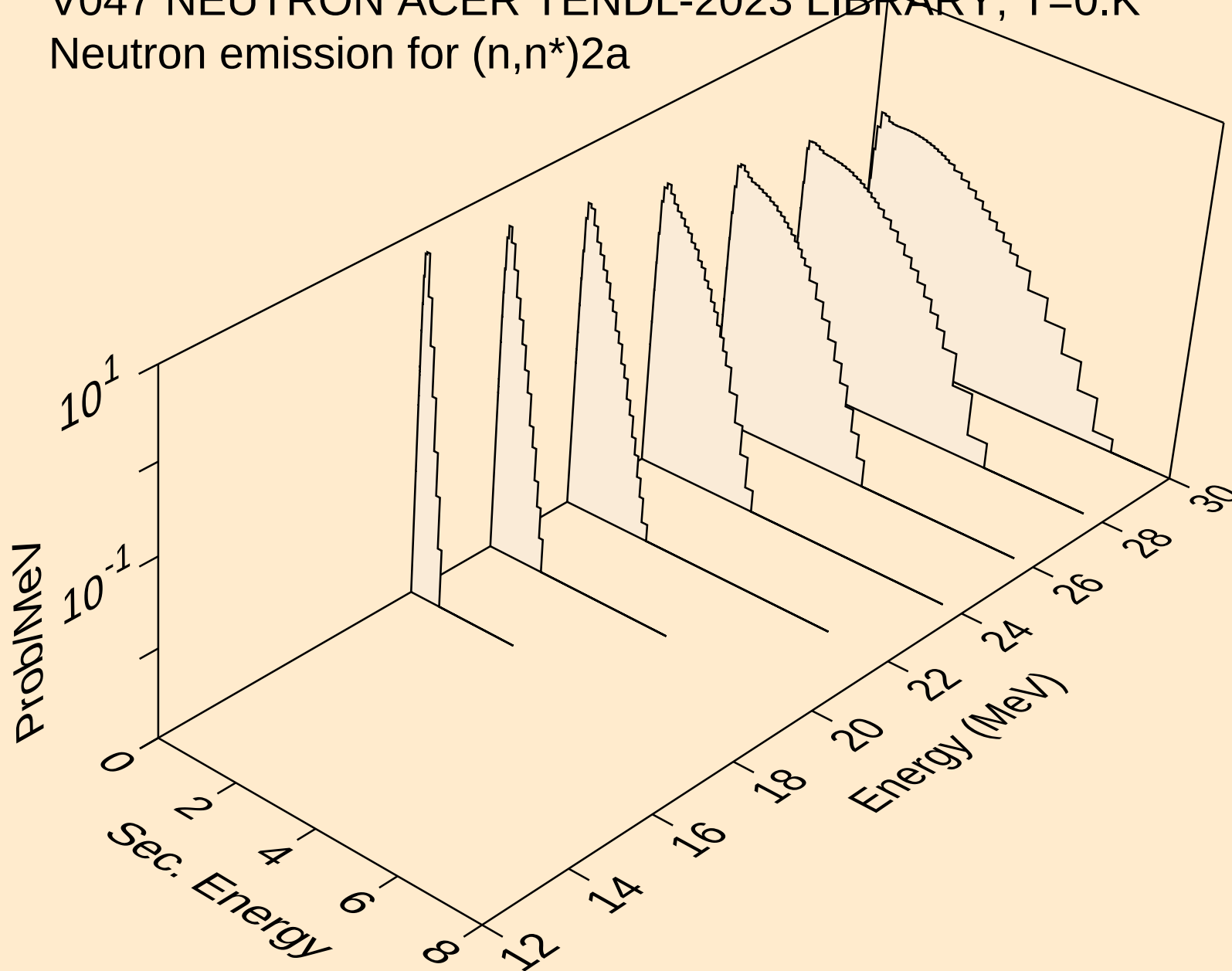
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)_a



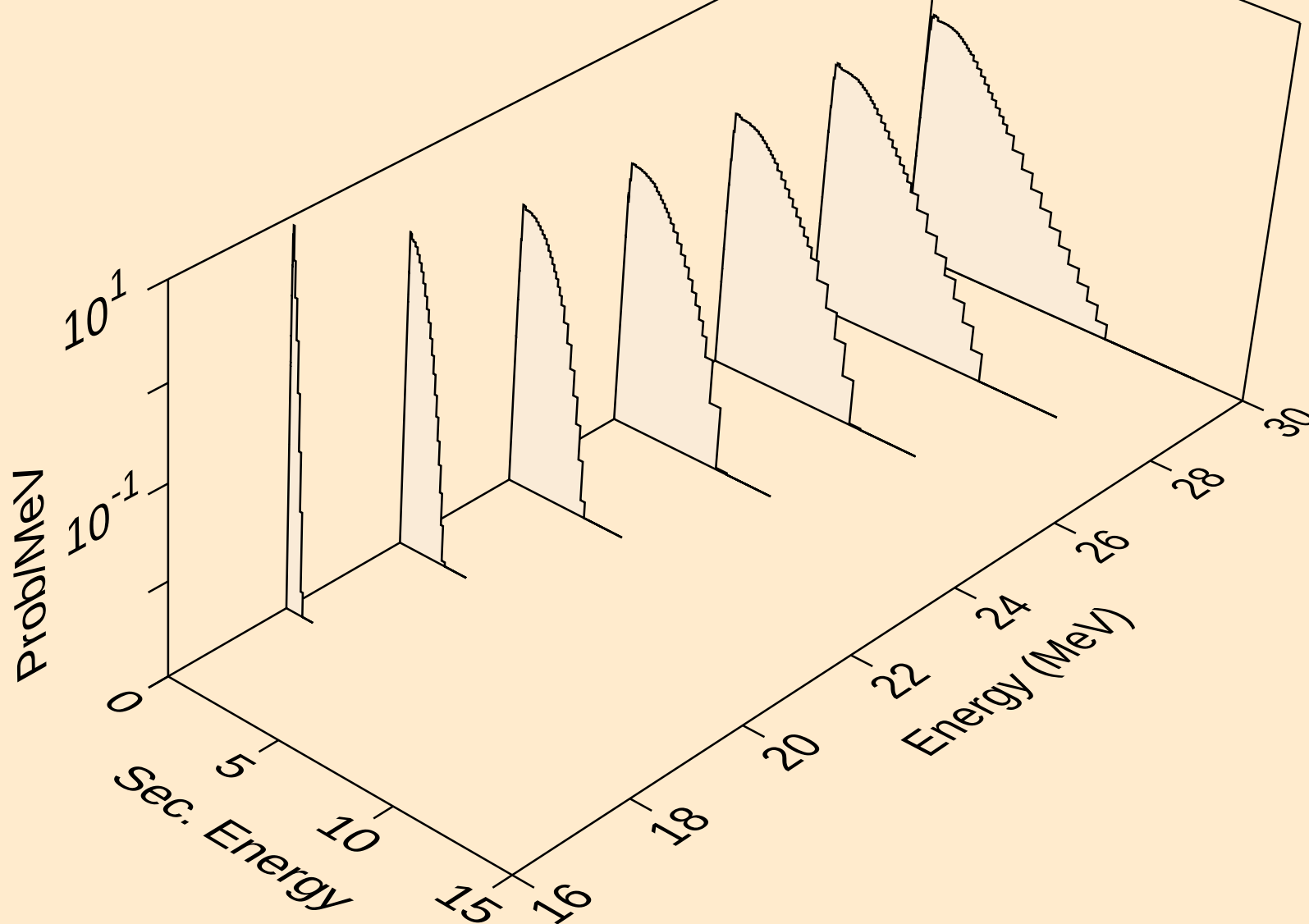
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



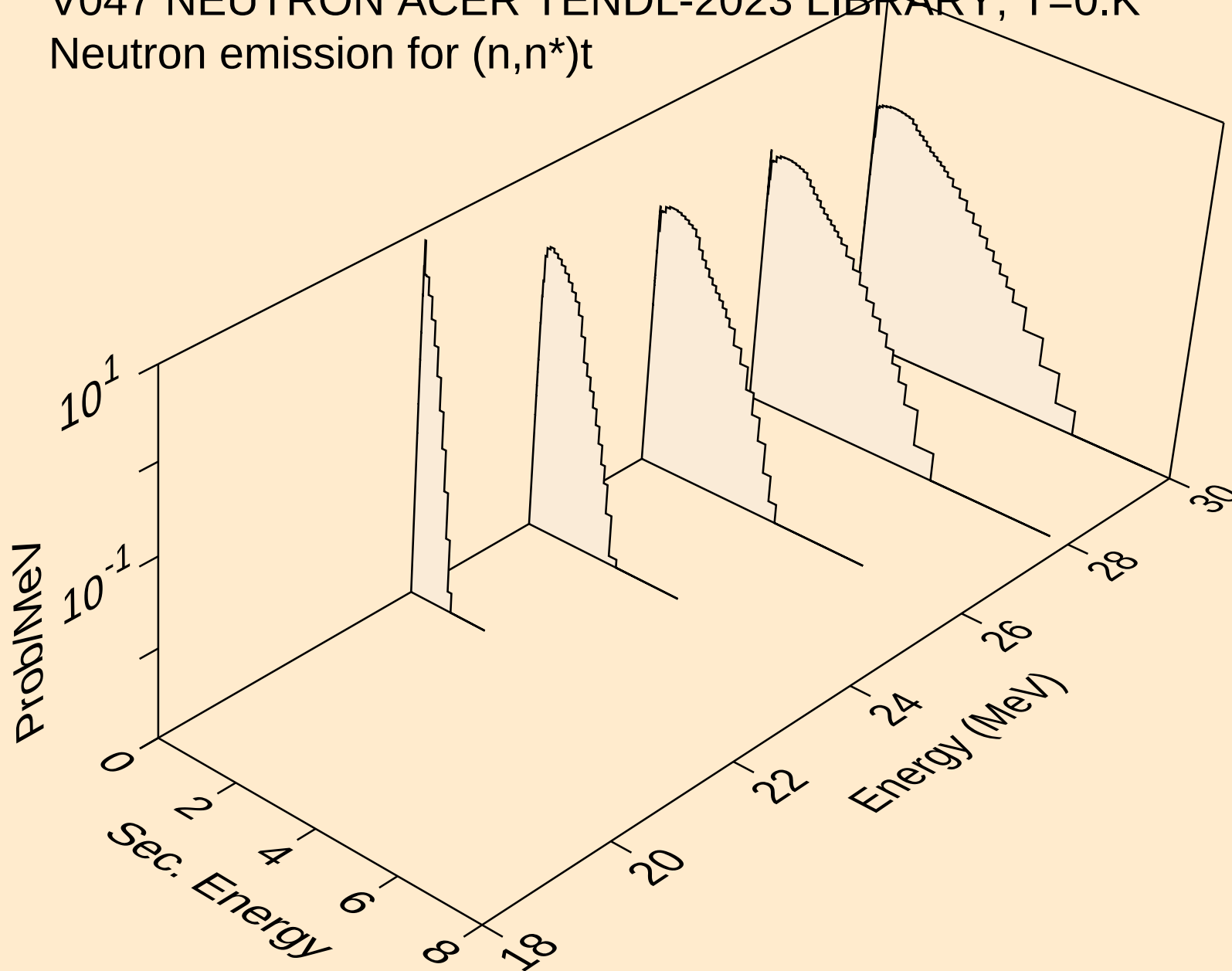
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Neutron emission for (n,n*)2a



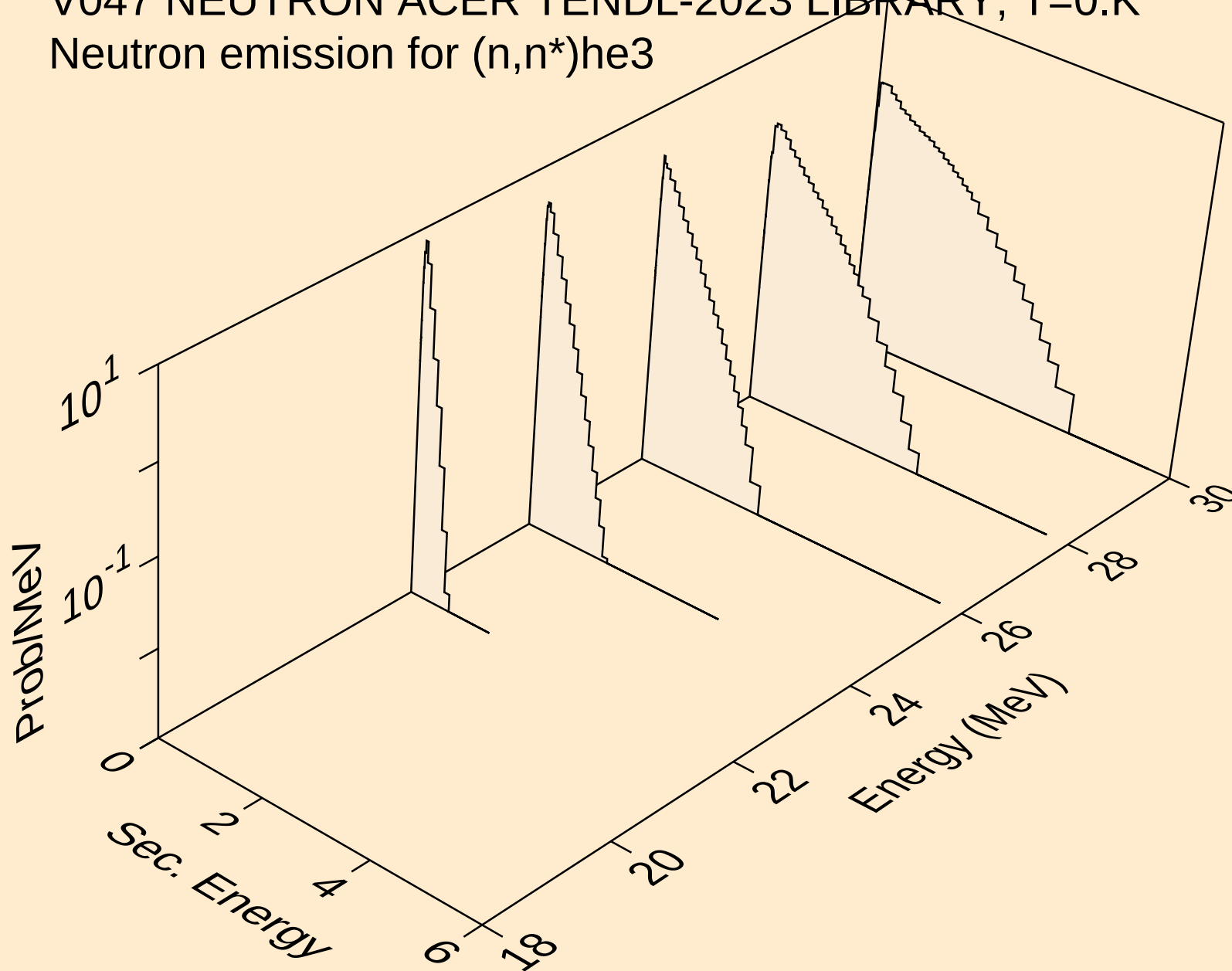
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



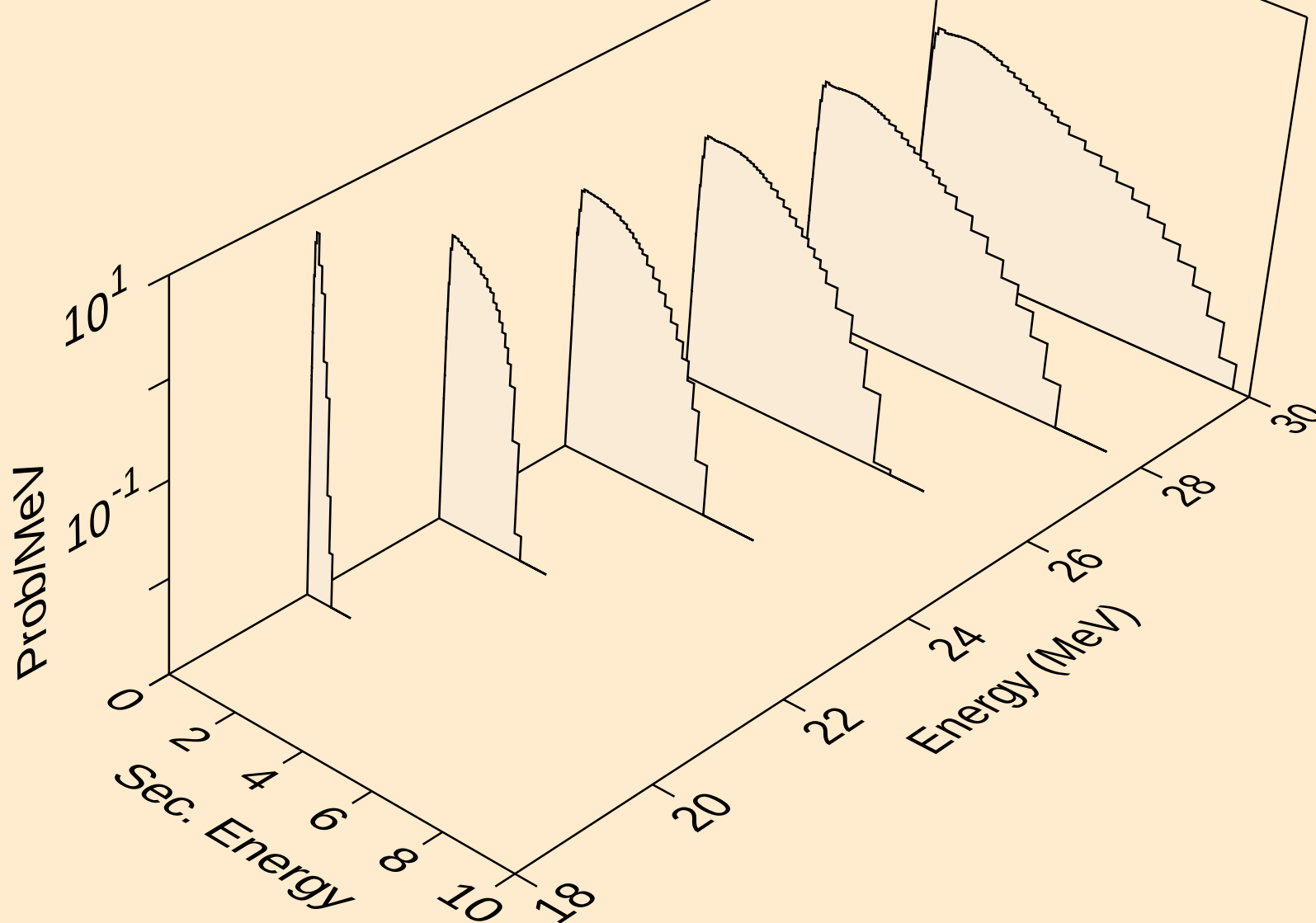
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



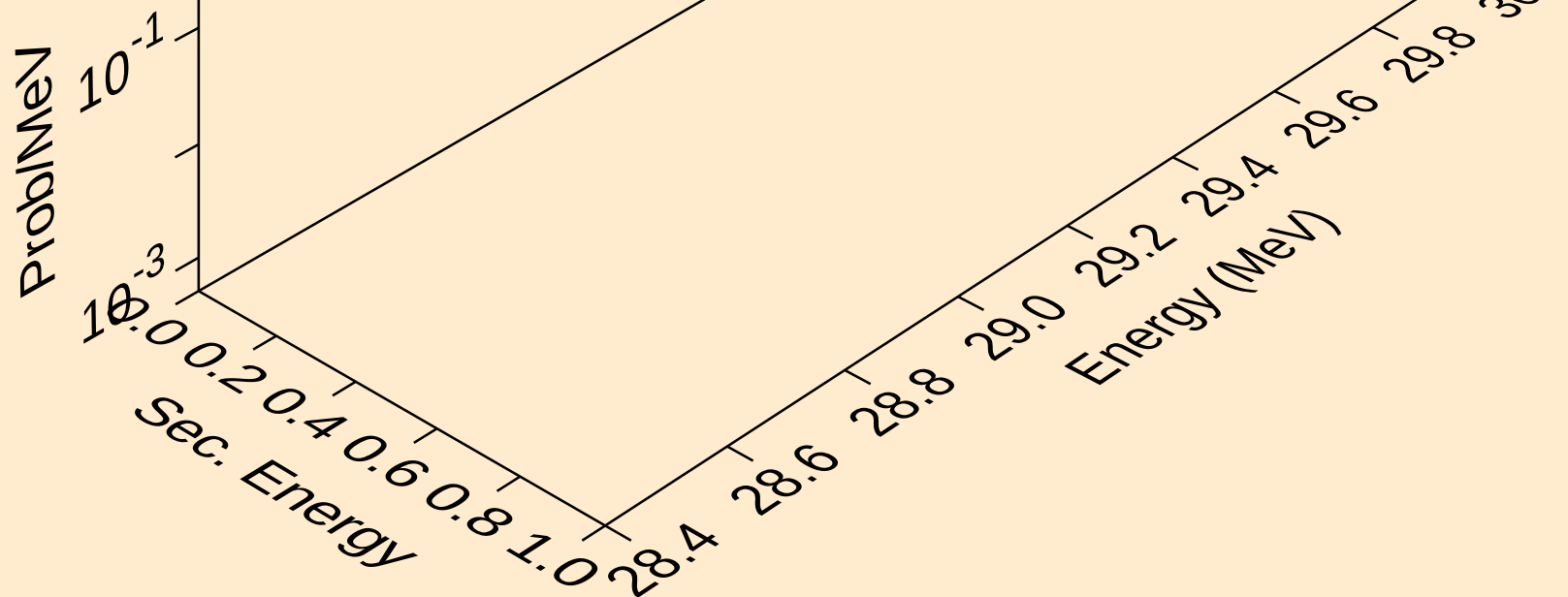
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



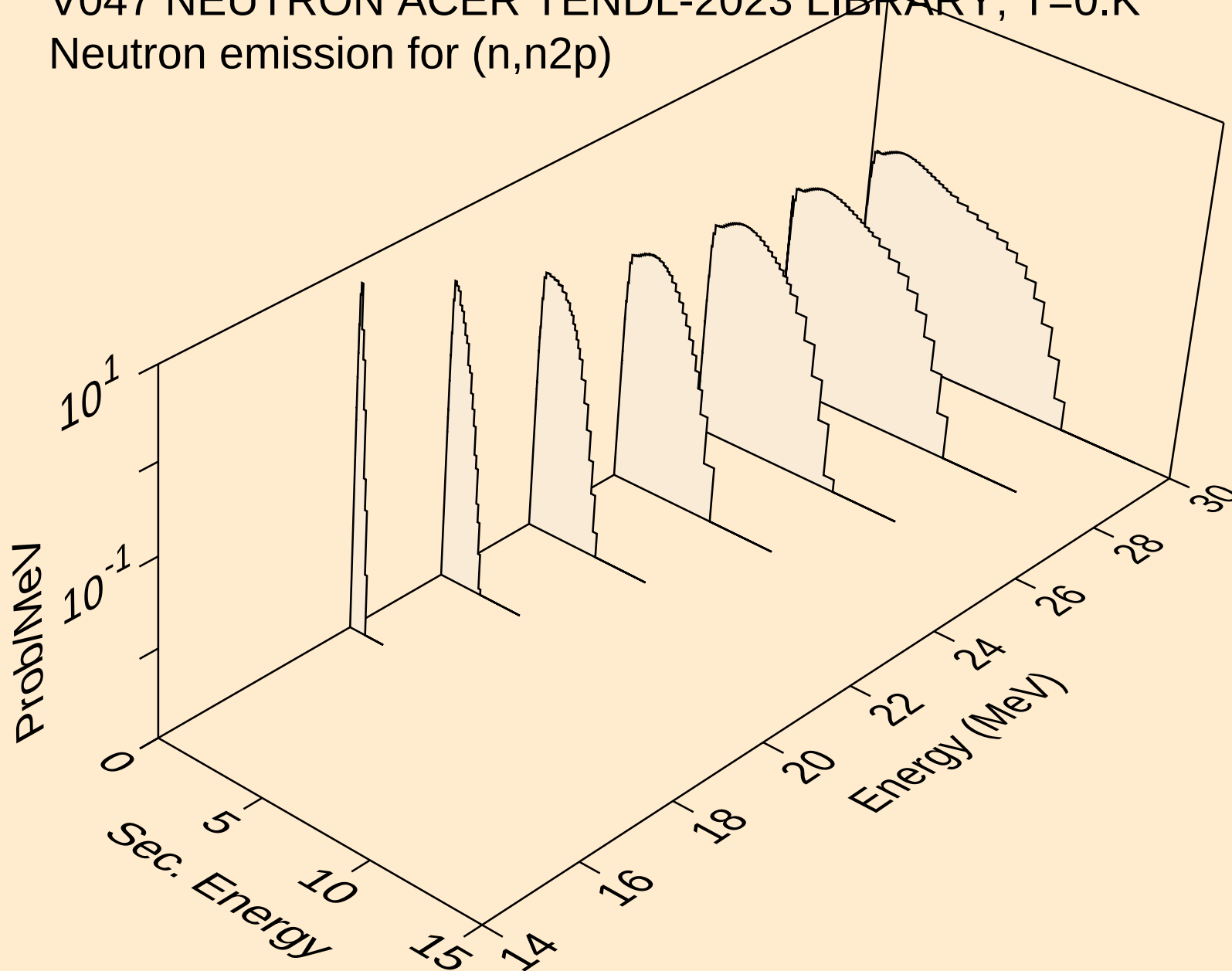
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



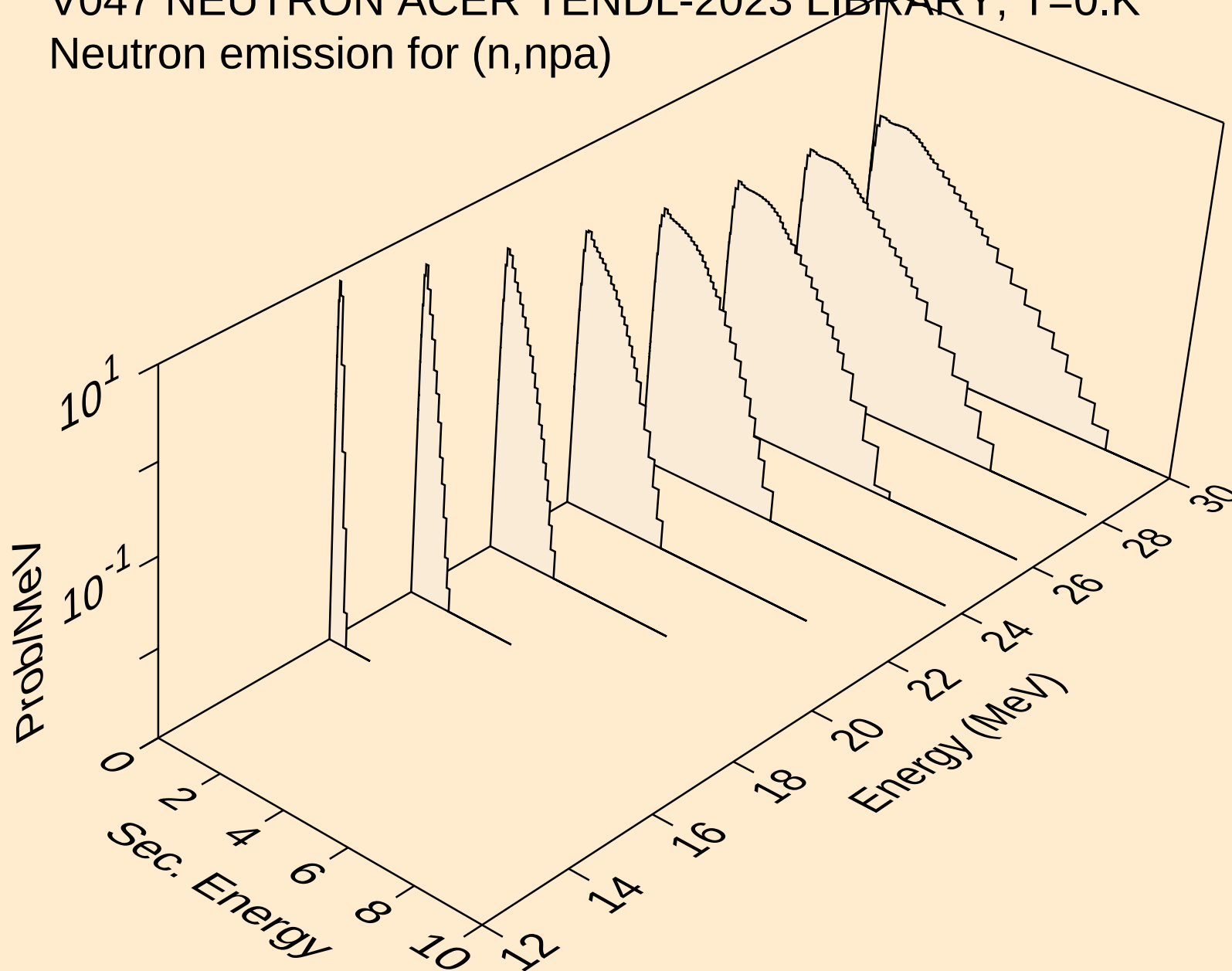
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



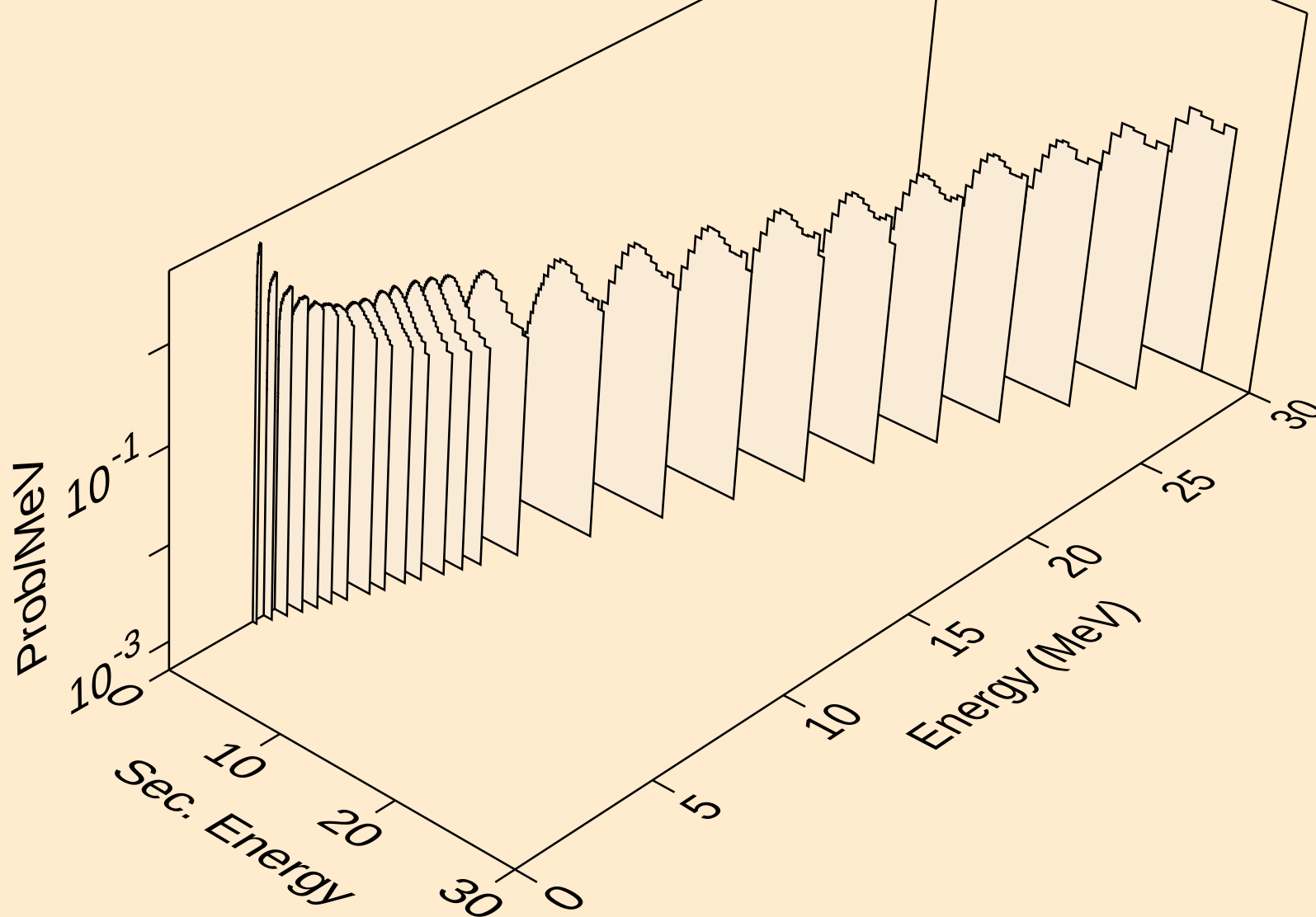
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Neutron emission for (n,n2p)



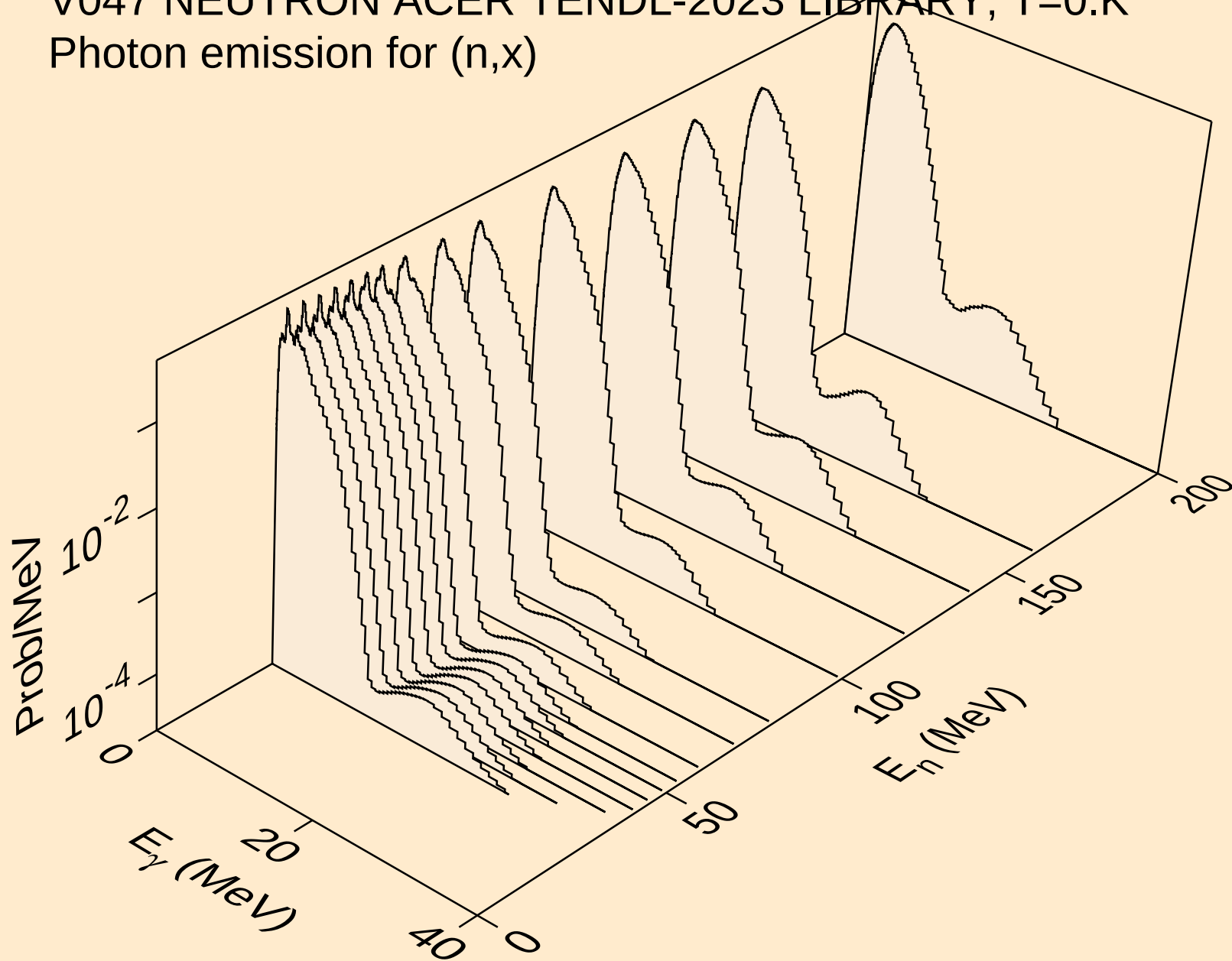
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)



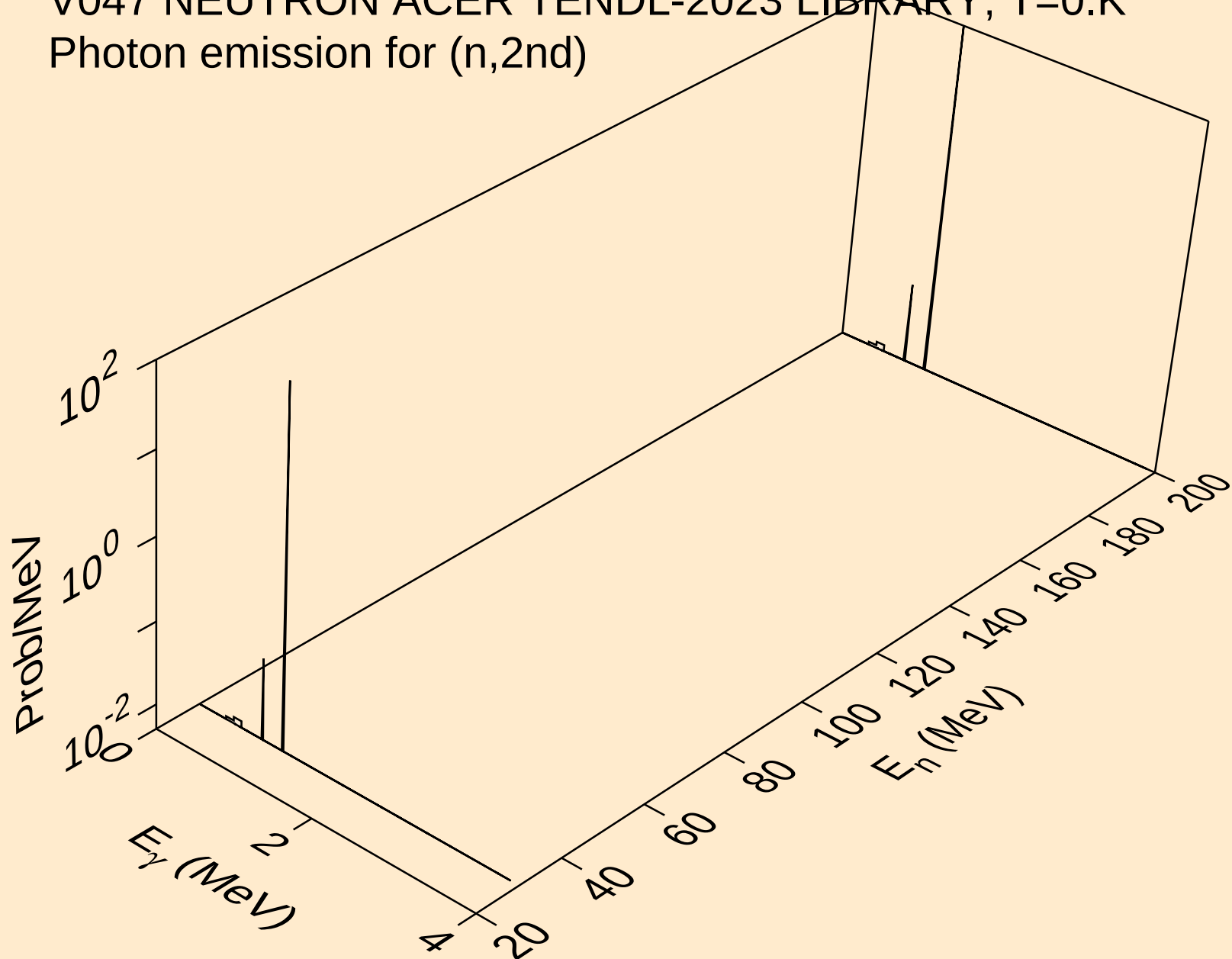
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



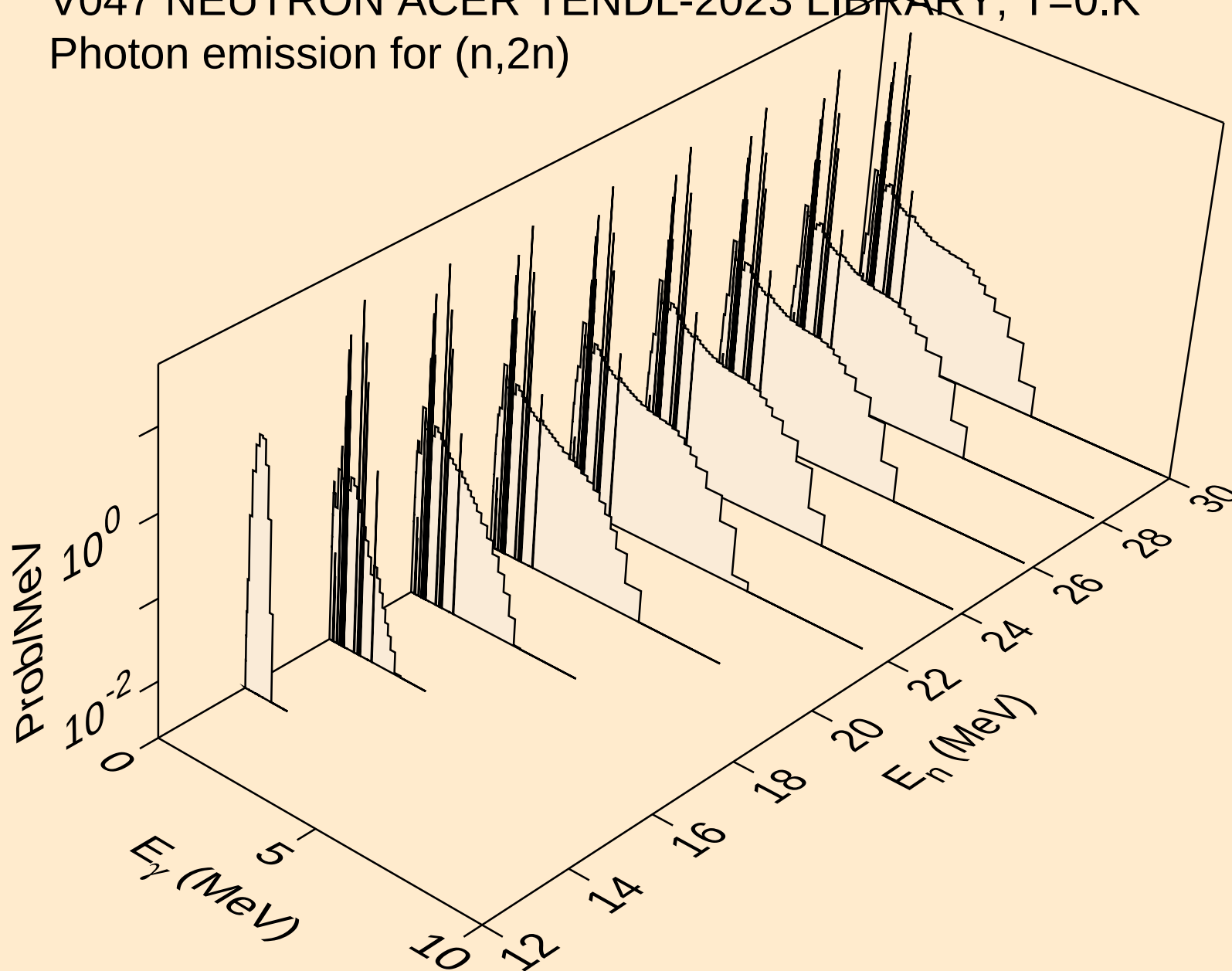
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



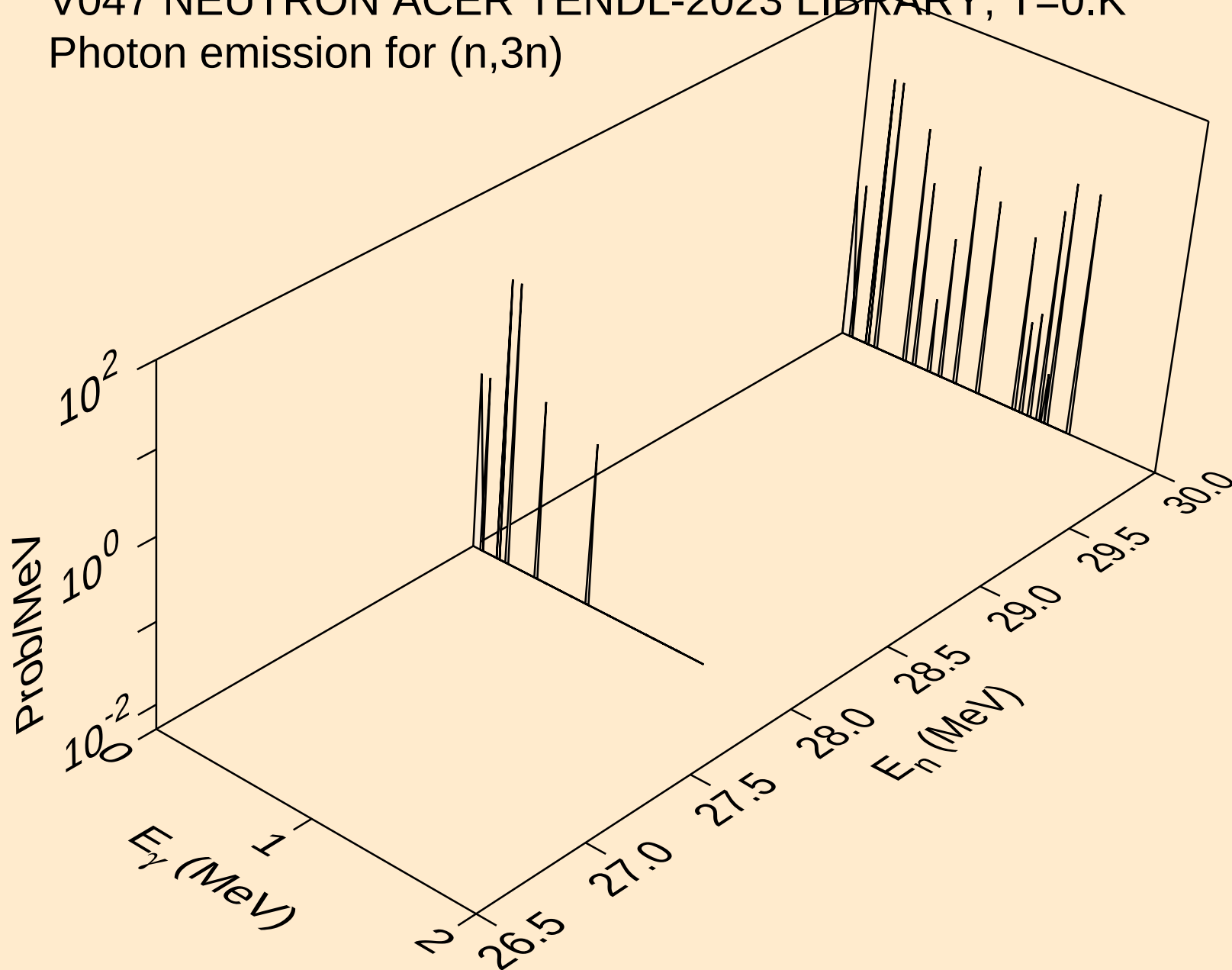
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



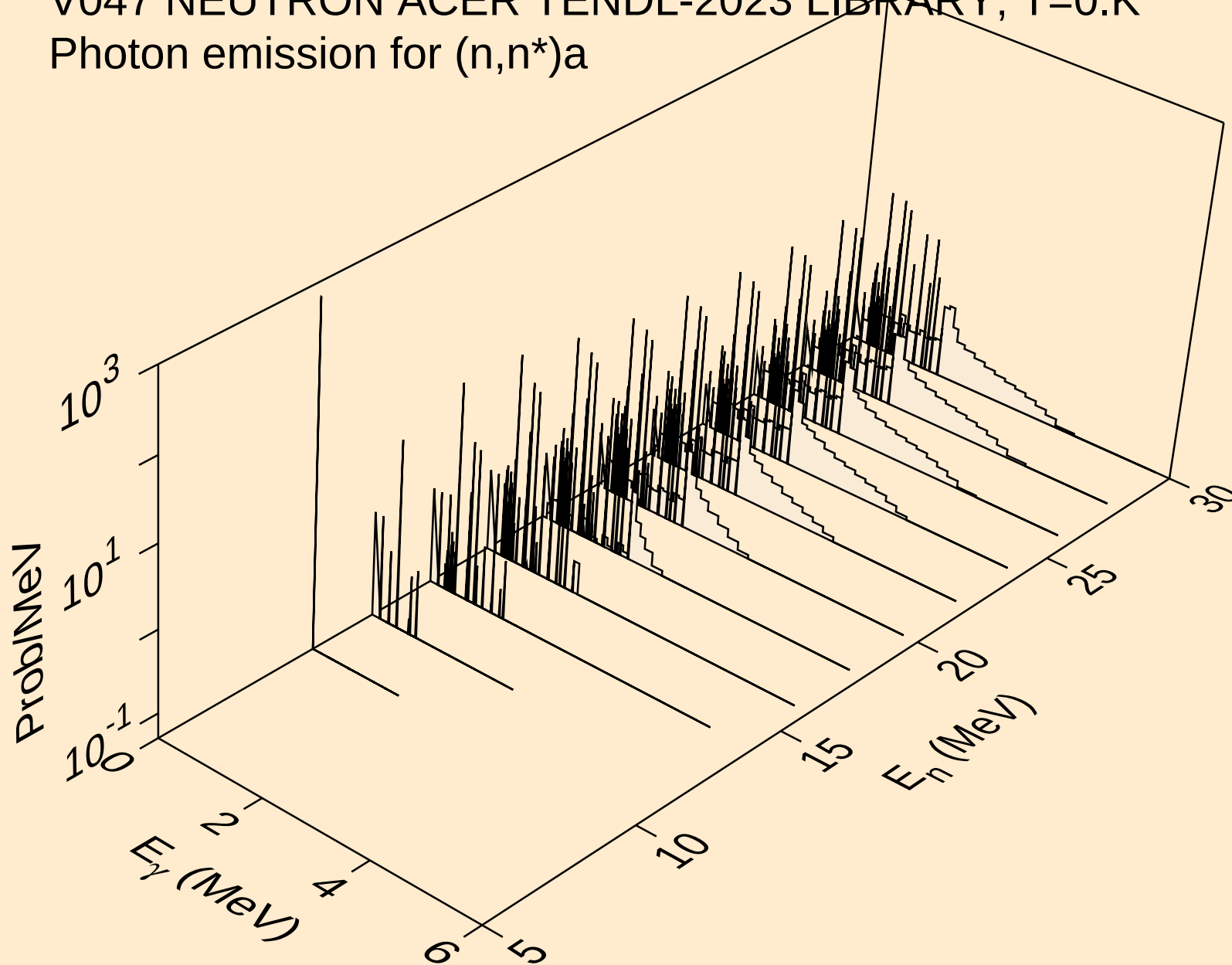
V047 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2n)



V047 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,3n)

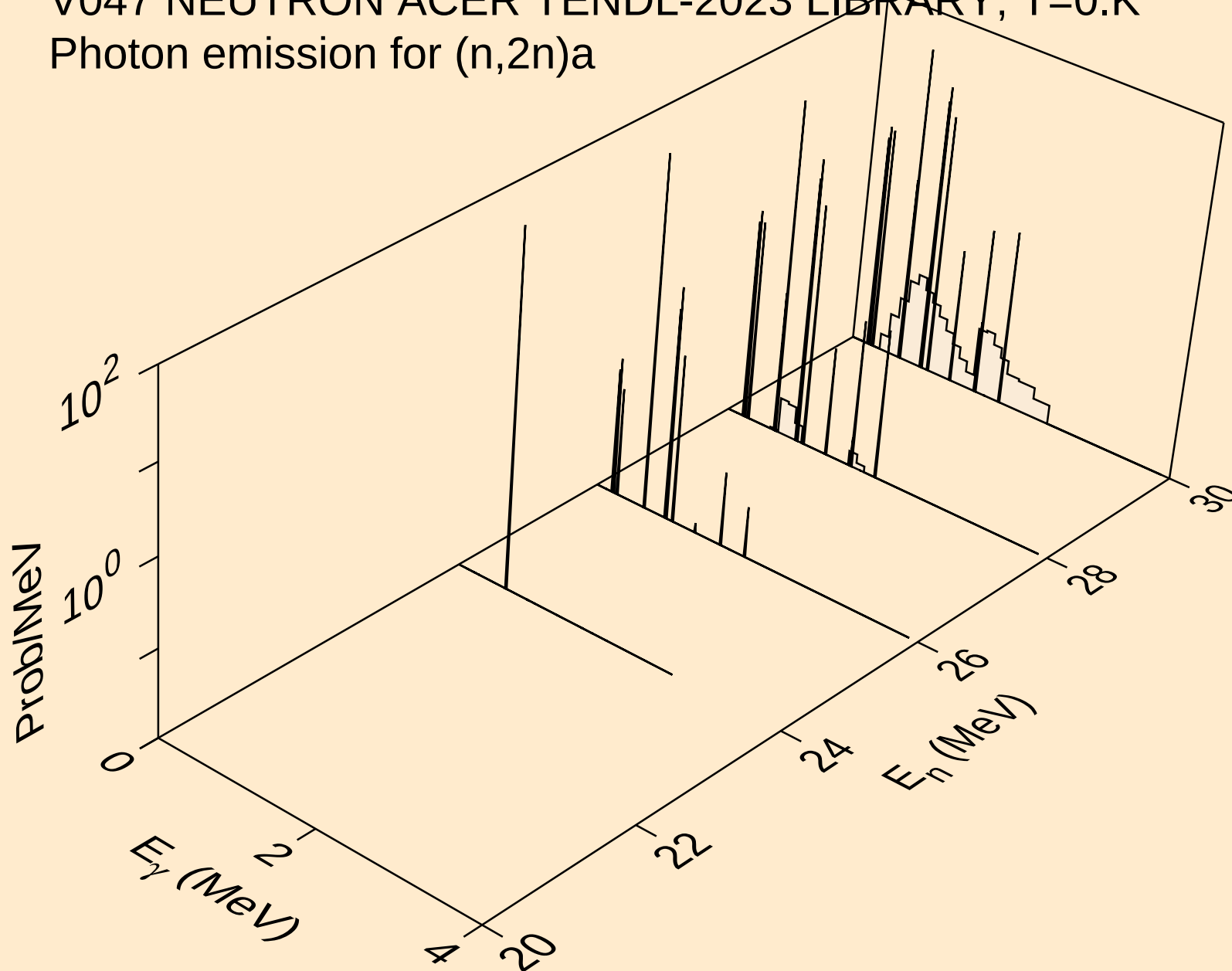


V047 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)a$



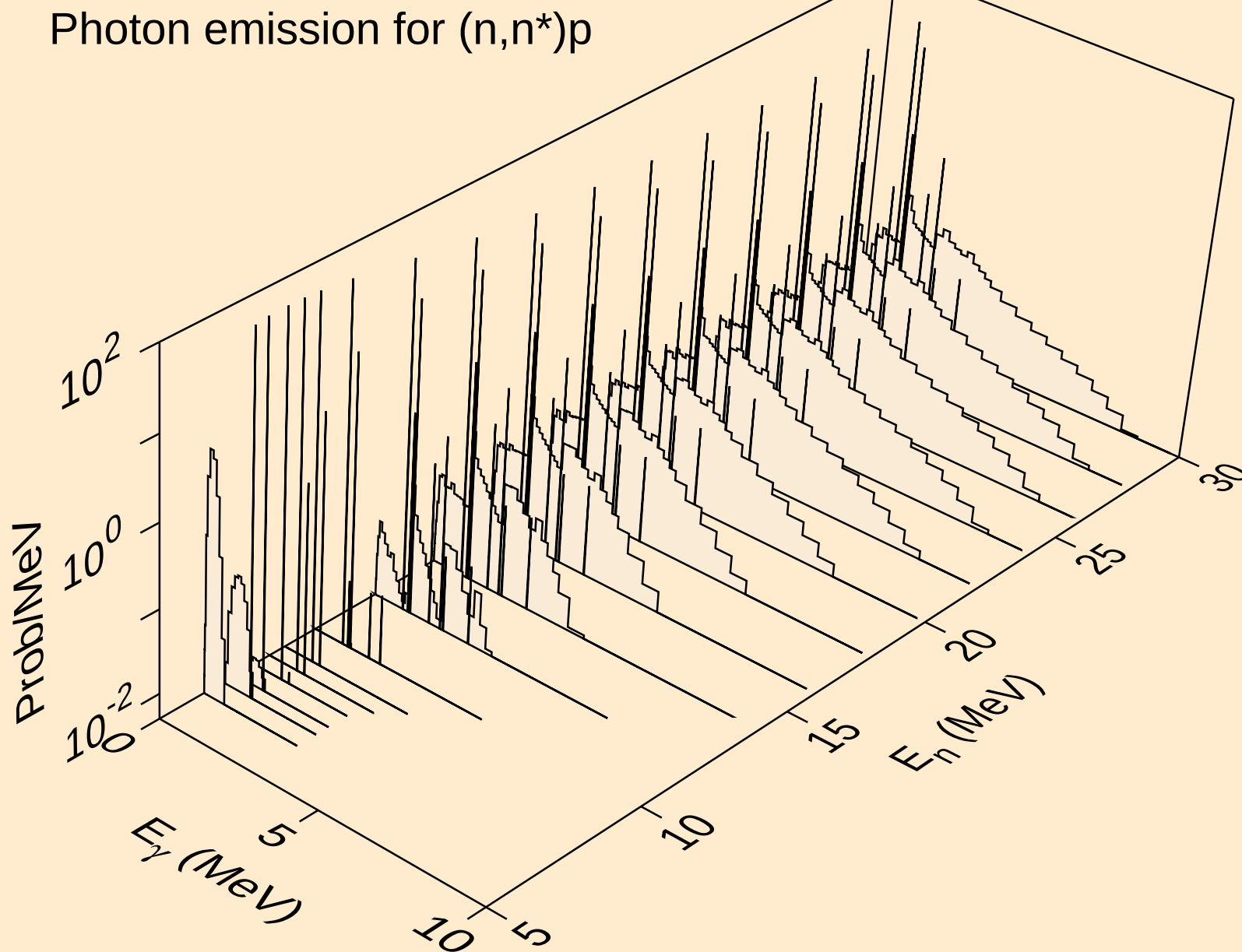
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n)a



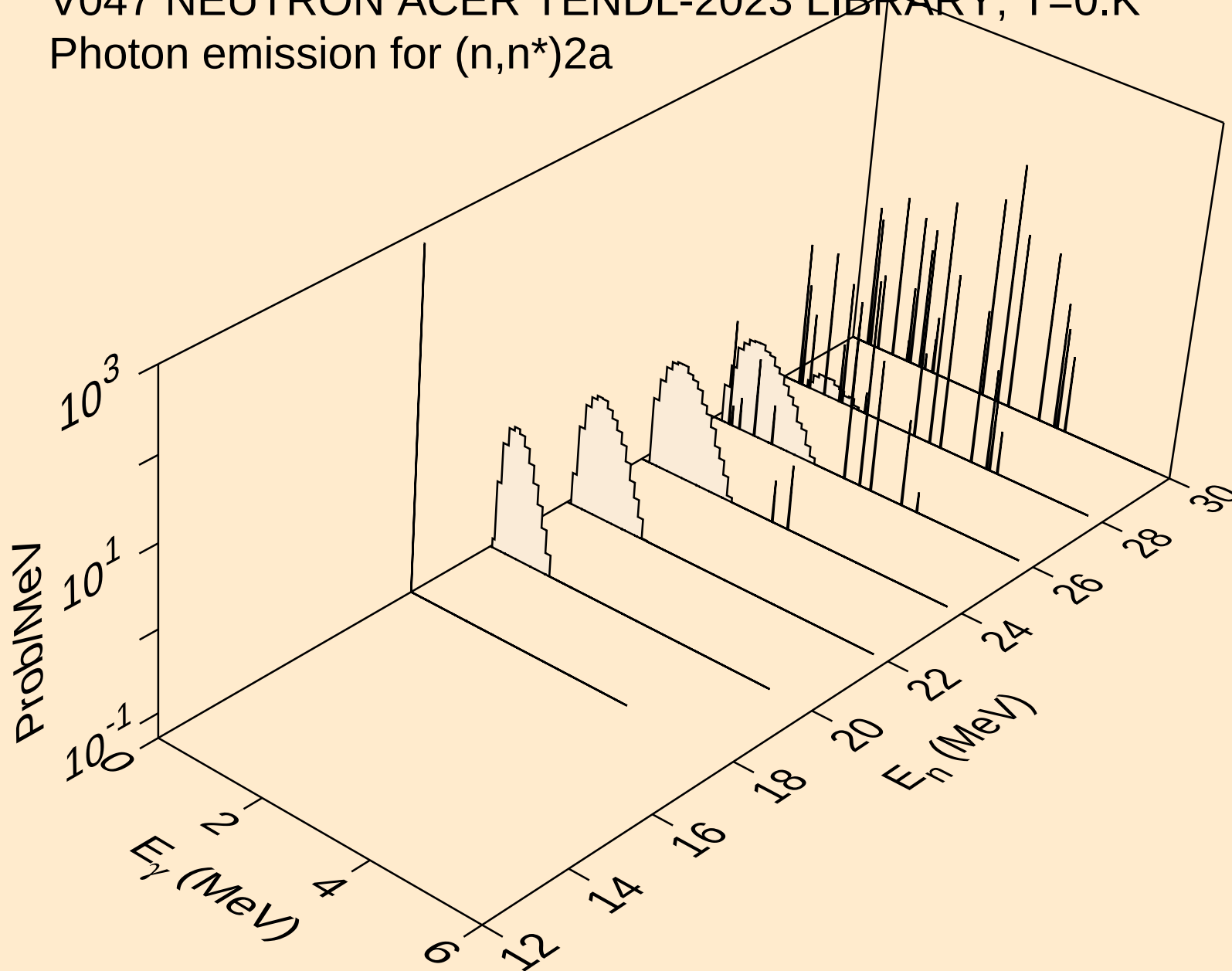
V047 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$

Photon emission for $(n,n^*)p$



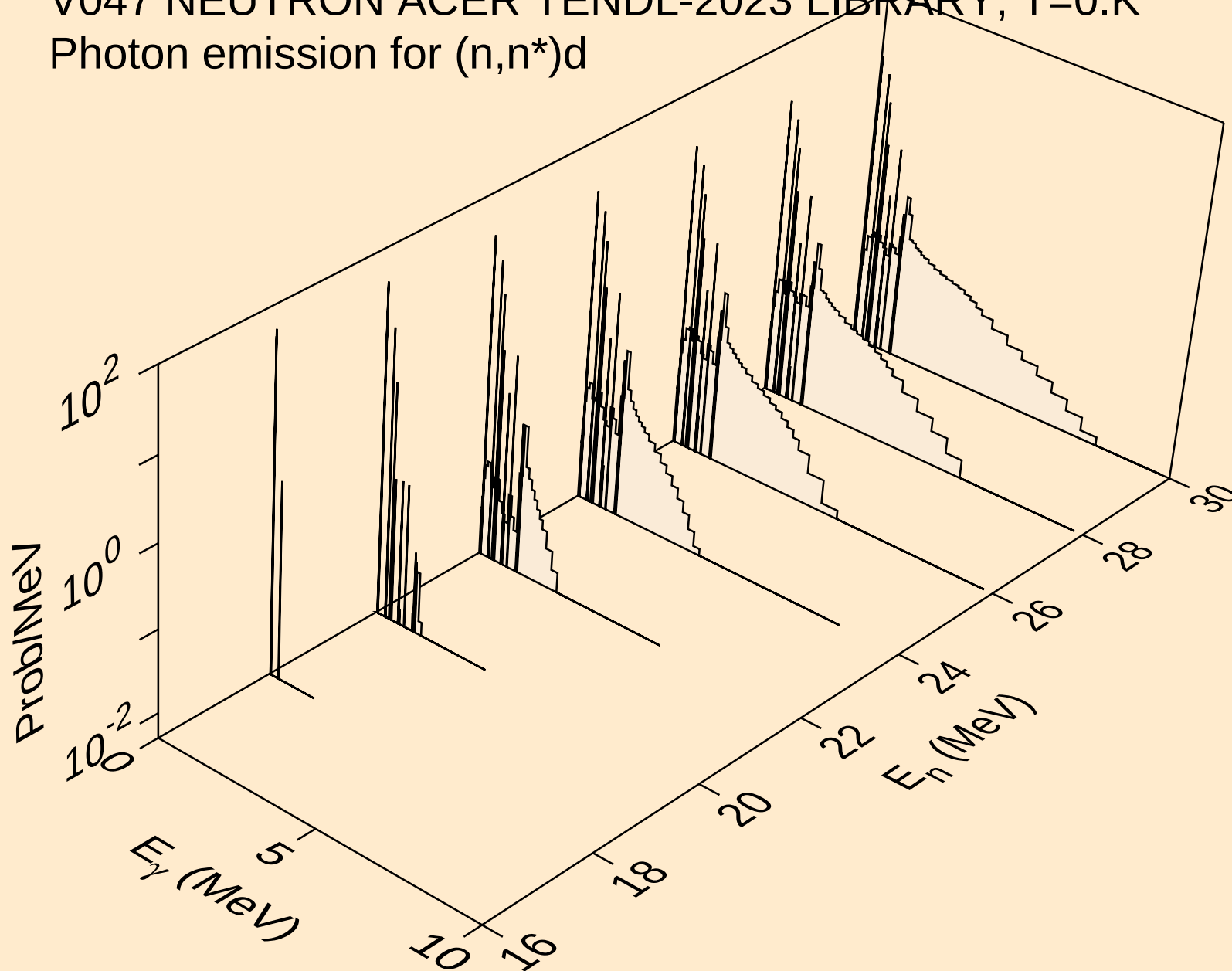
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)2a



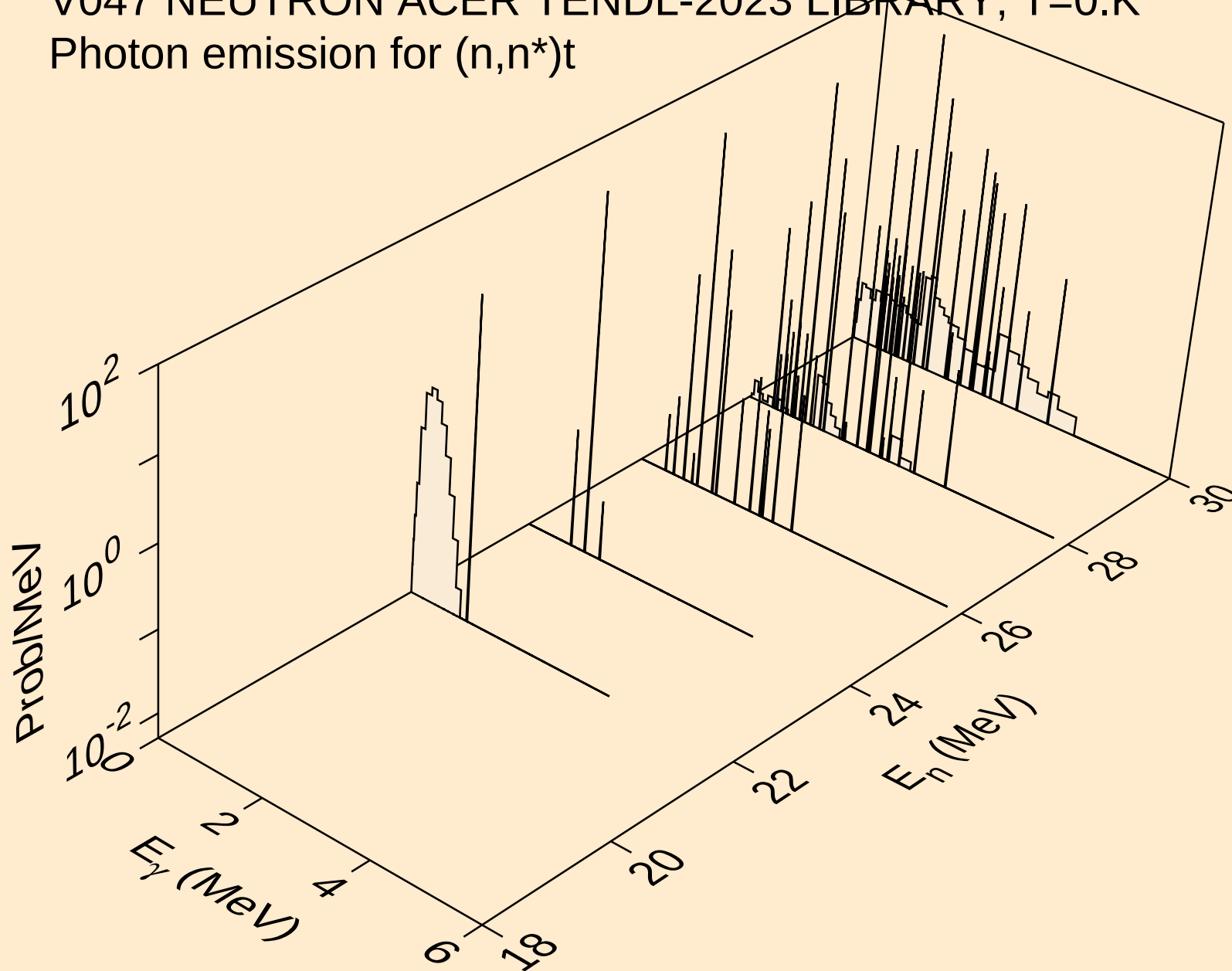
V047 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$

Photon emission for $(n,n^*)d$

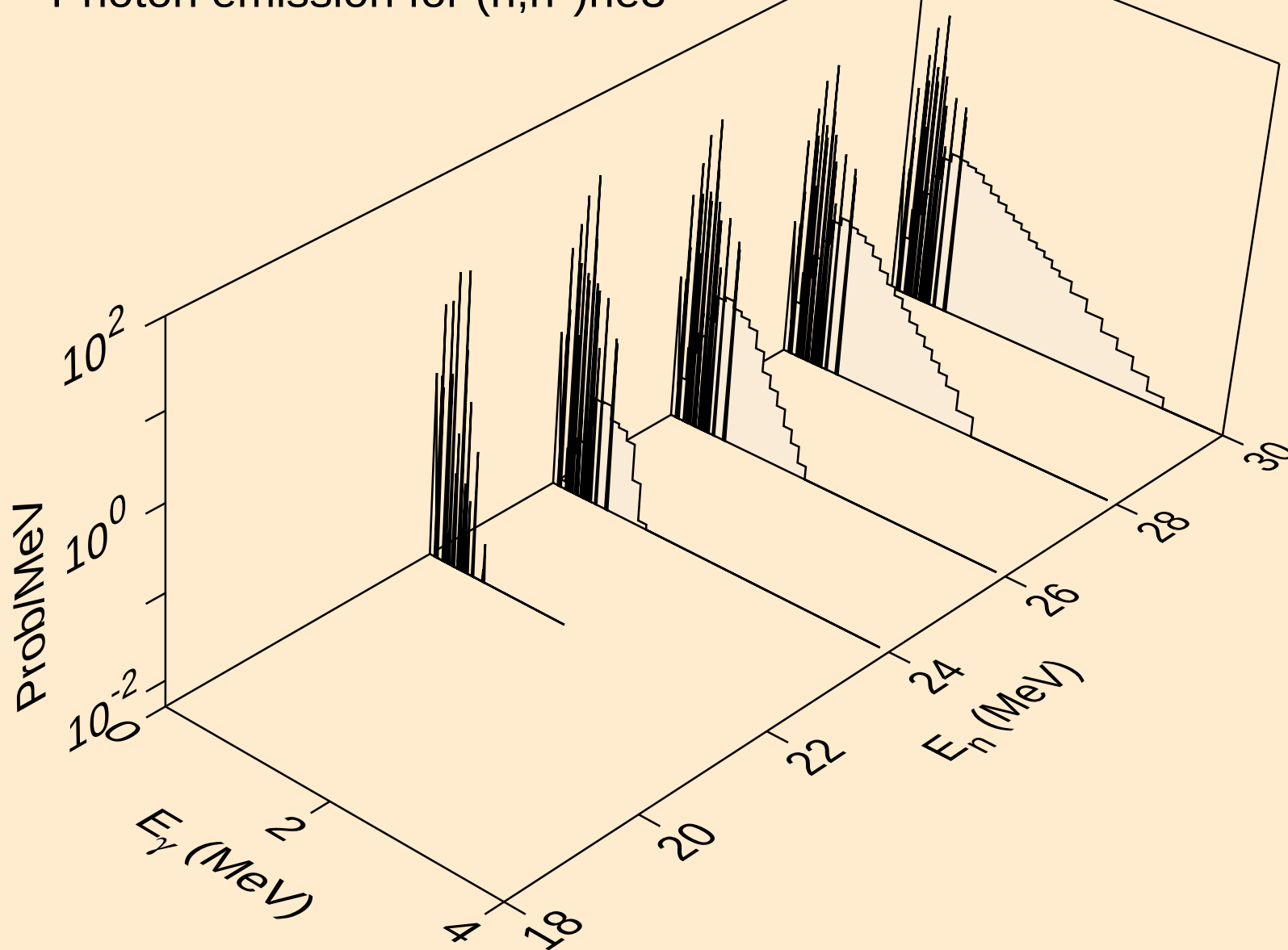


V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

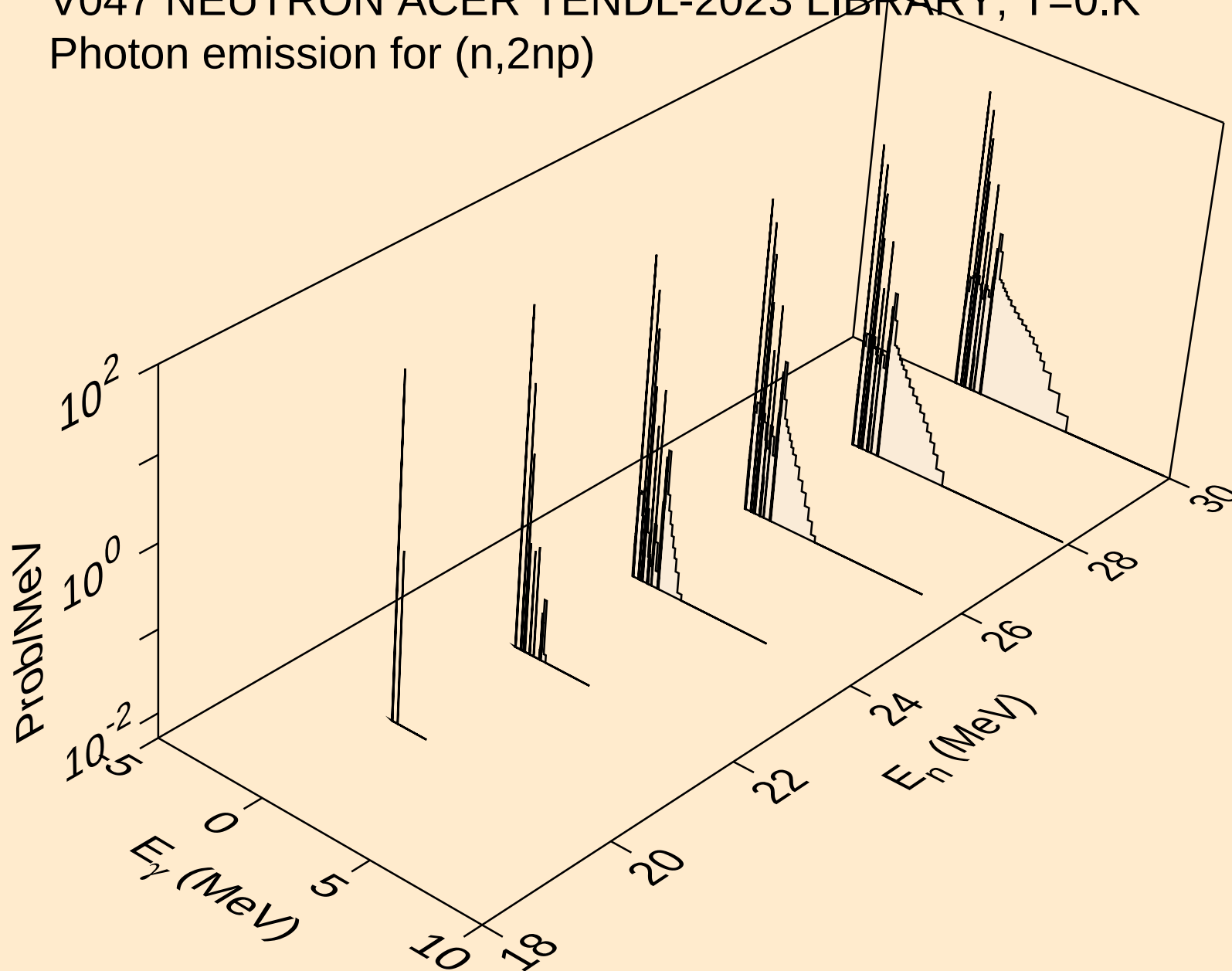
Photon emission for (n,n*)t



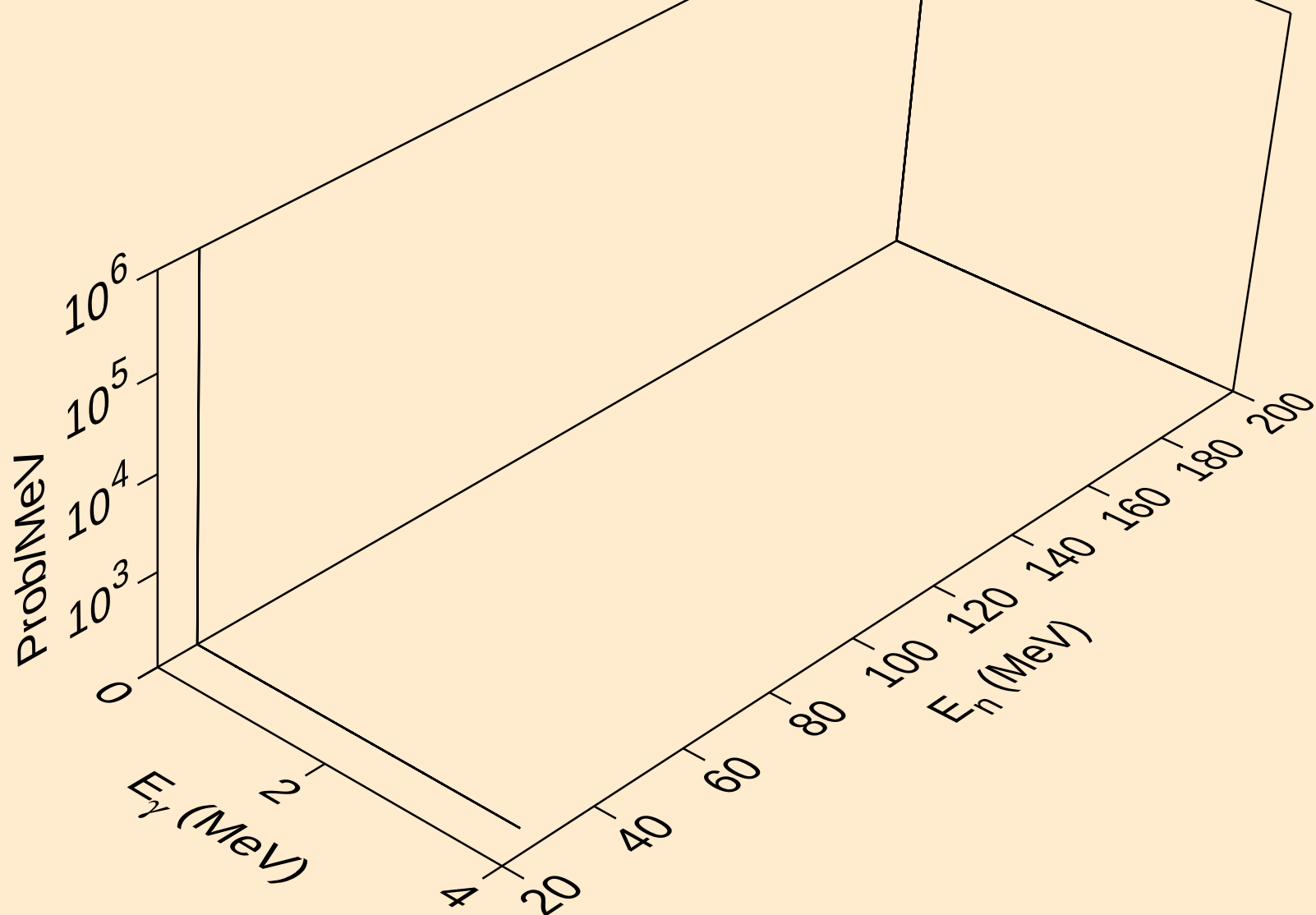
V047 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)\text{he3}$



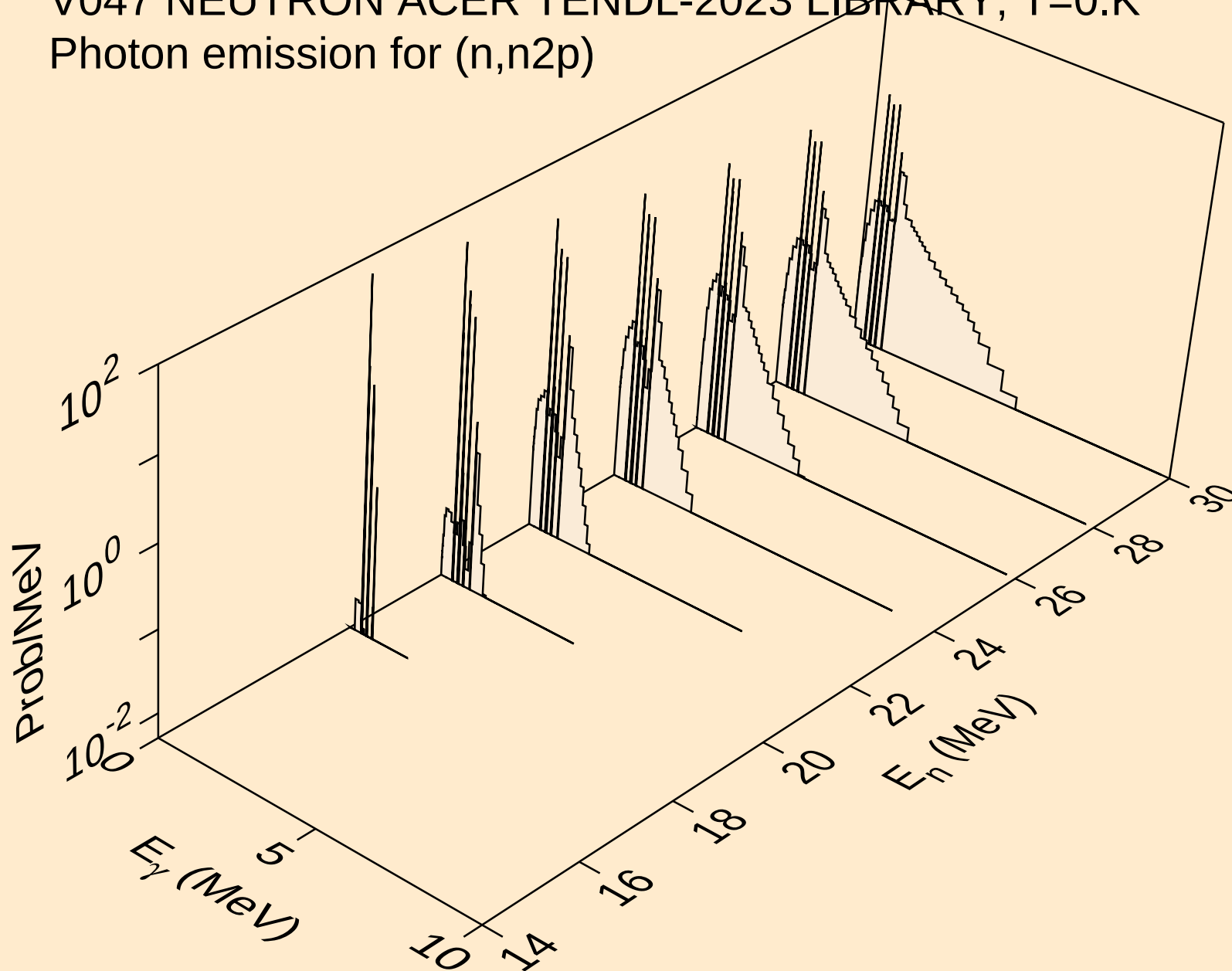
V047 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2np)



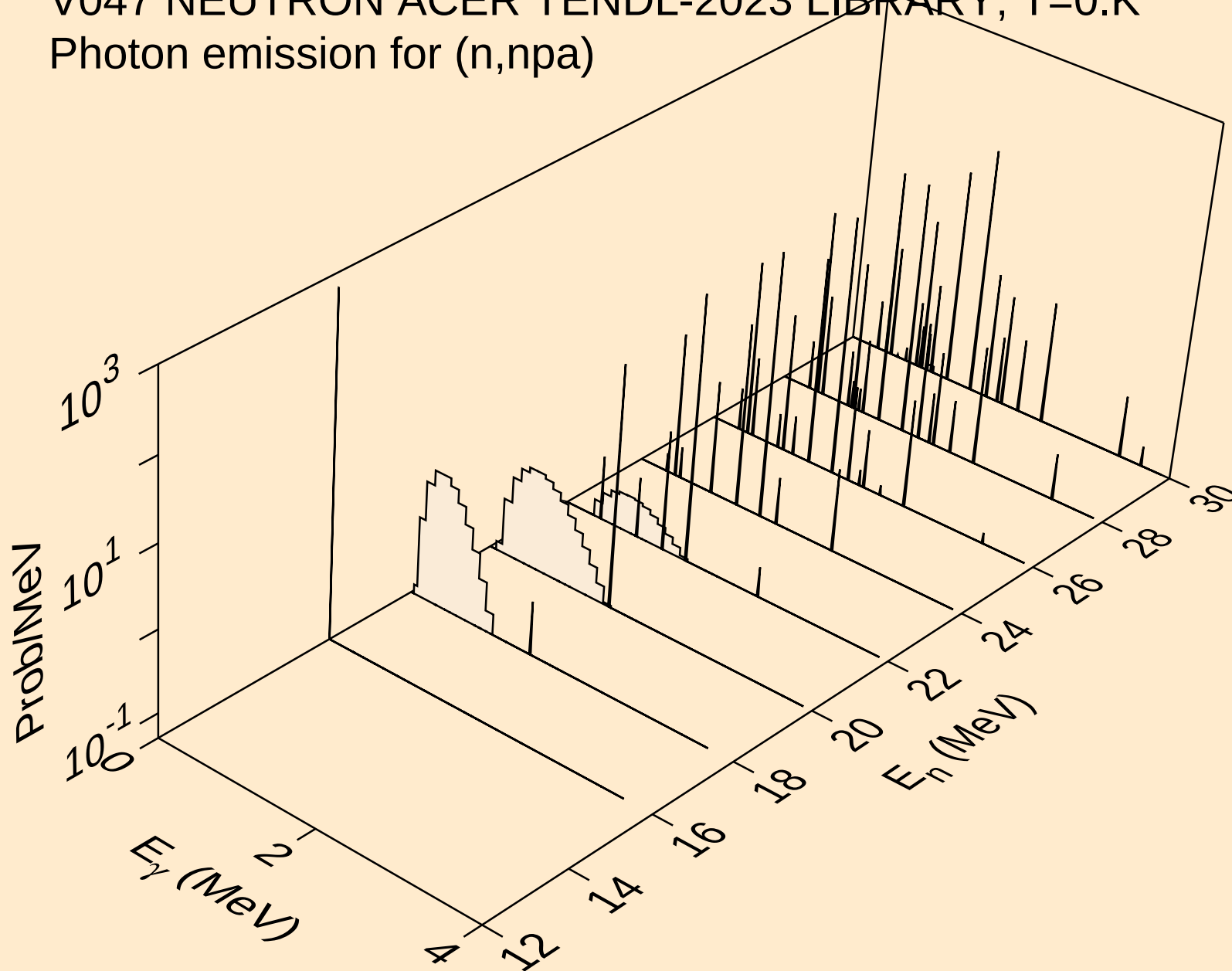
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



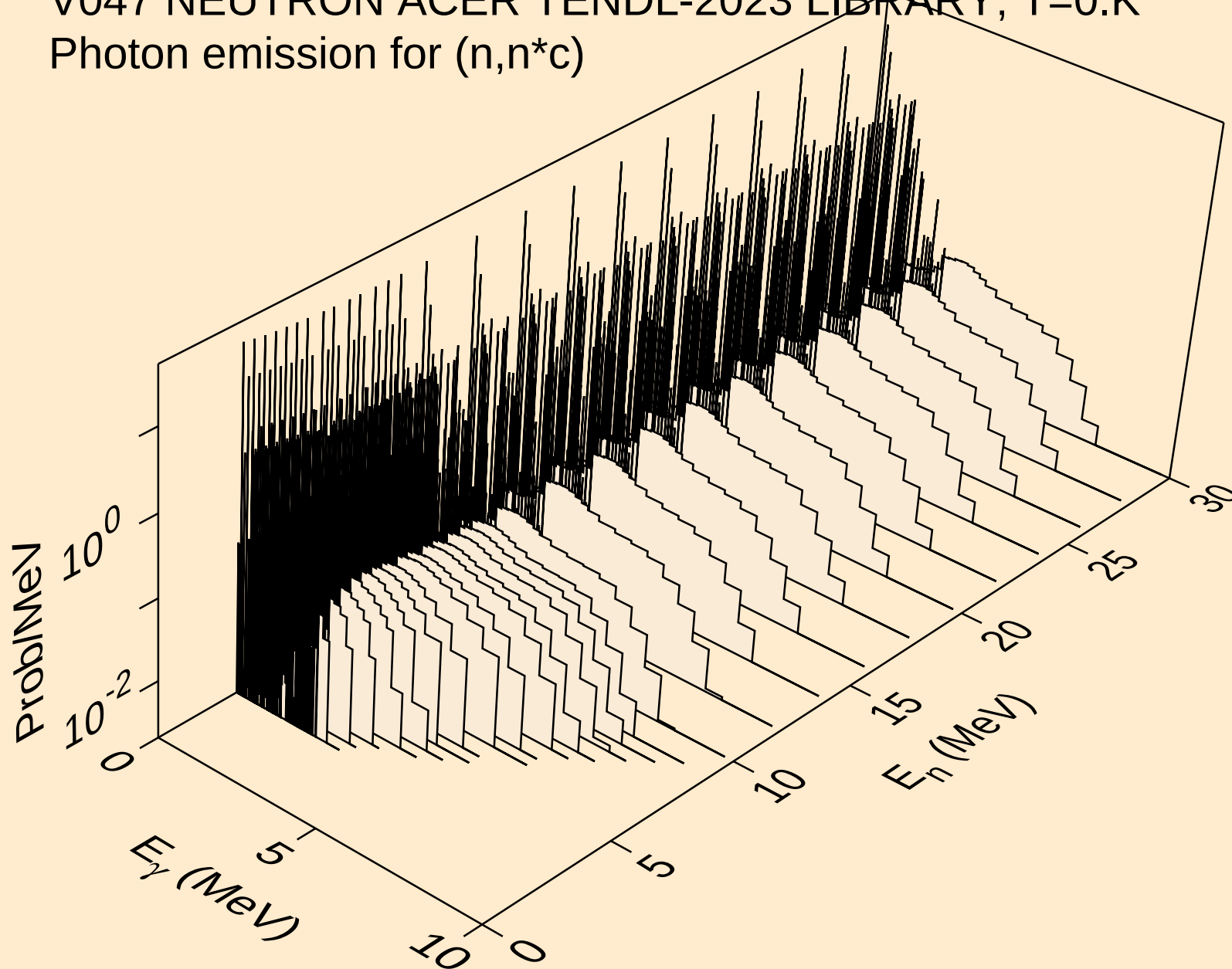
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



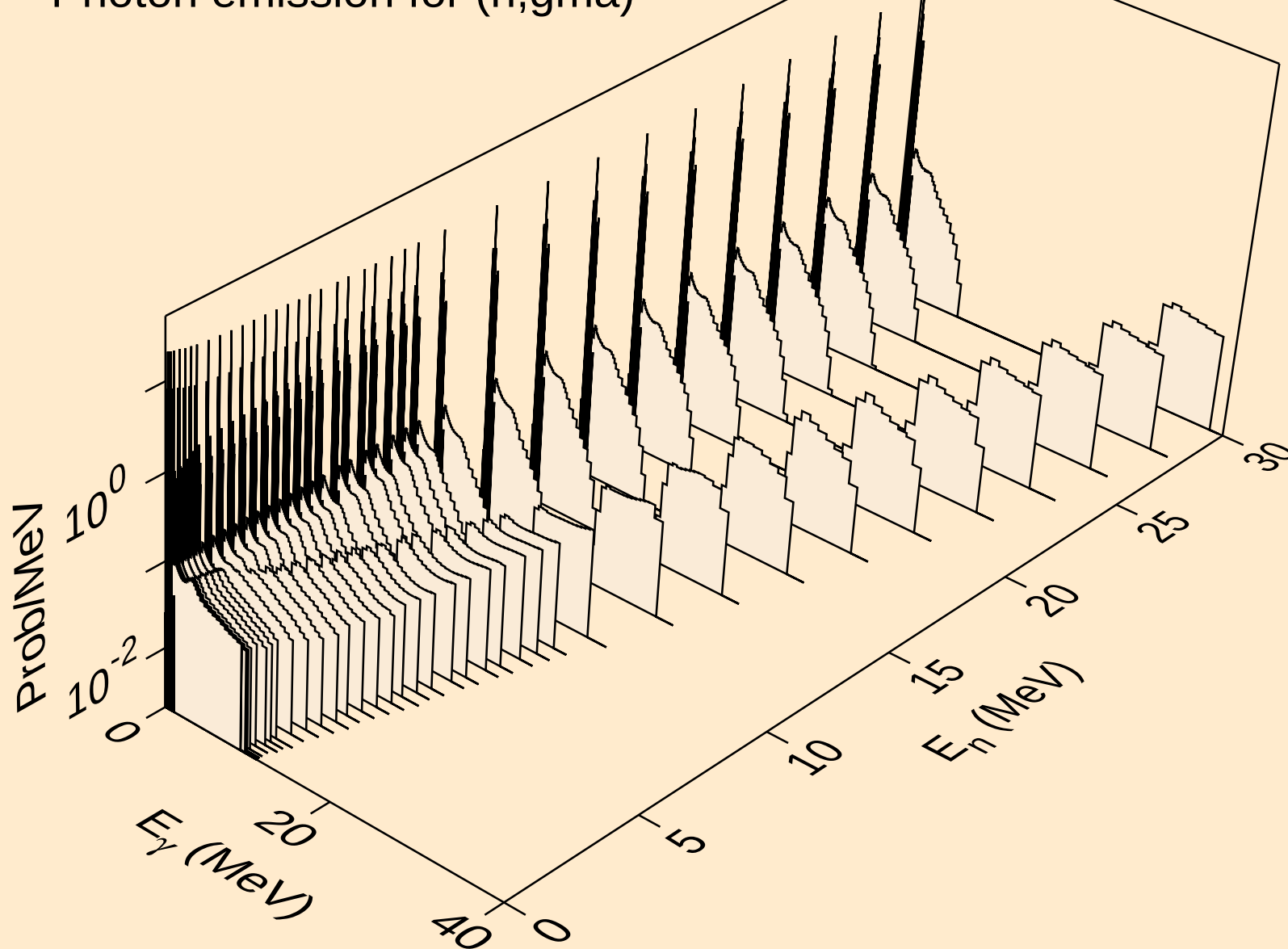
V047 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,npa)



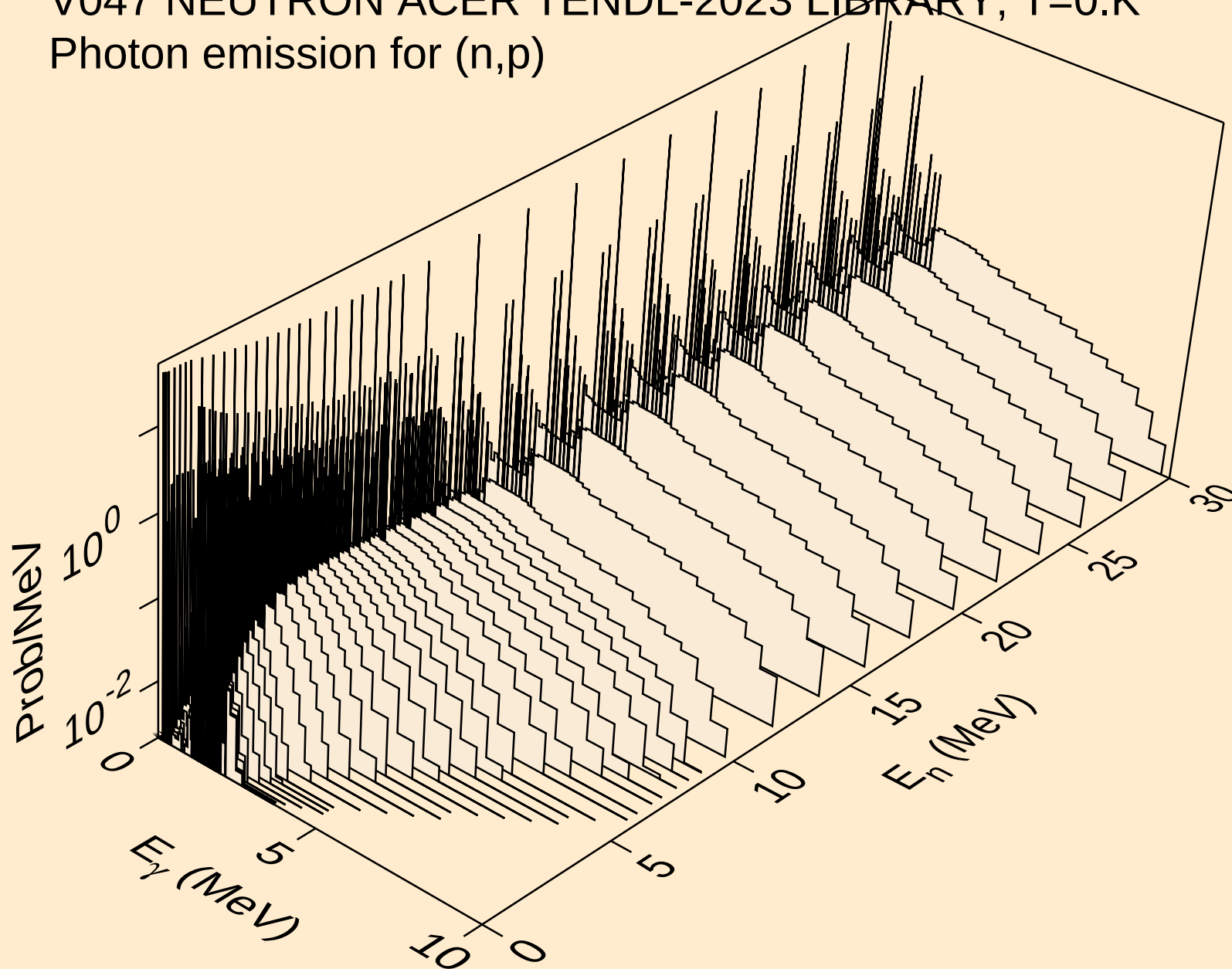
V047 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,n*c)



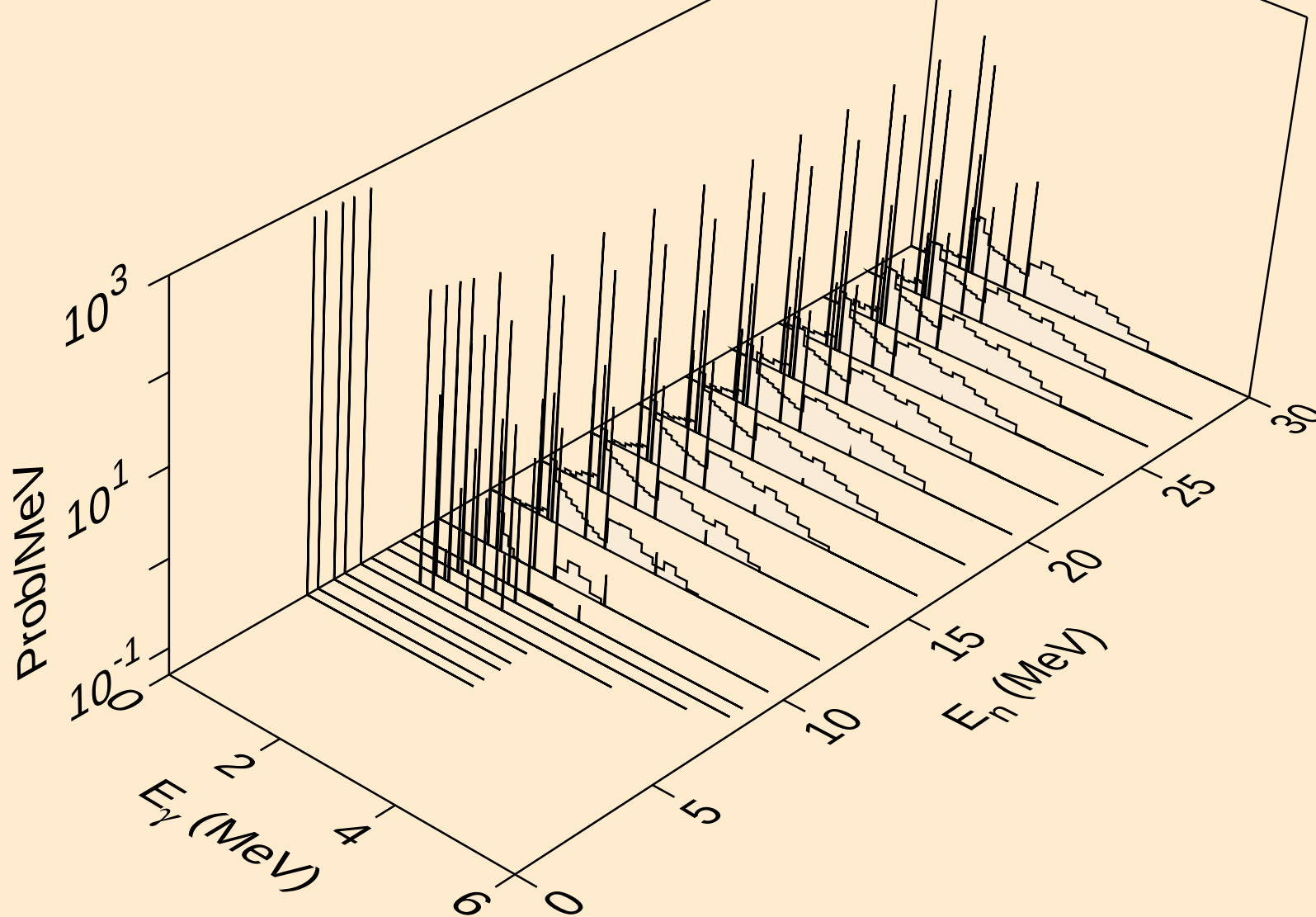
V047 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,gma)



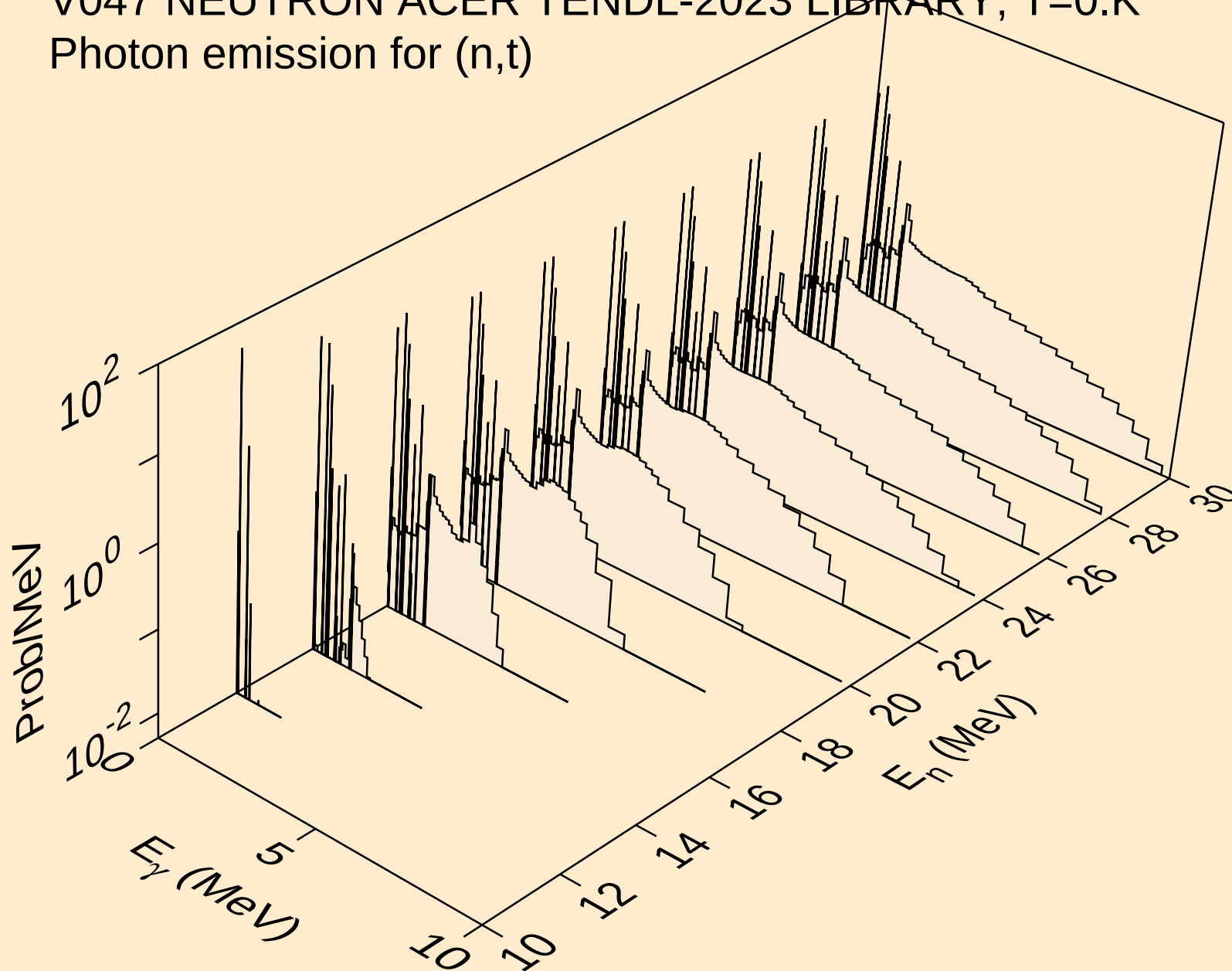
V047 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,p)



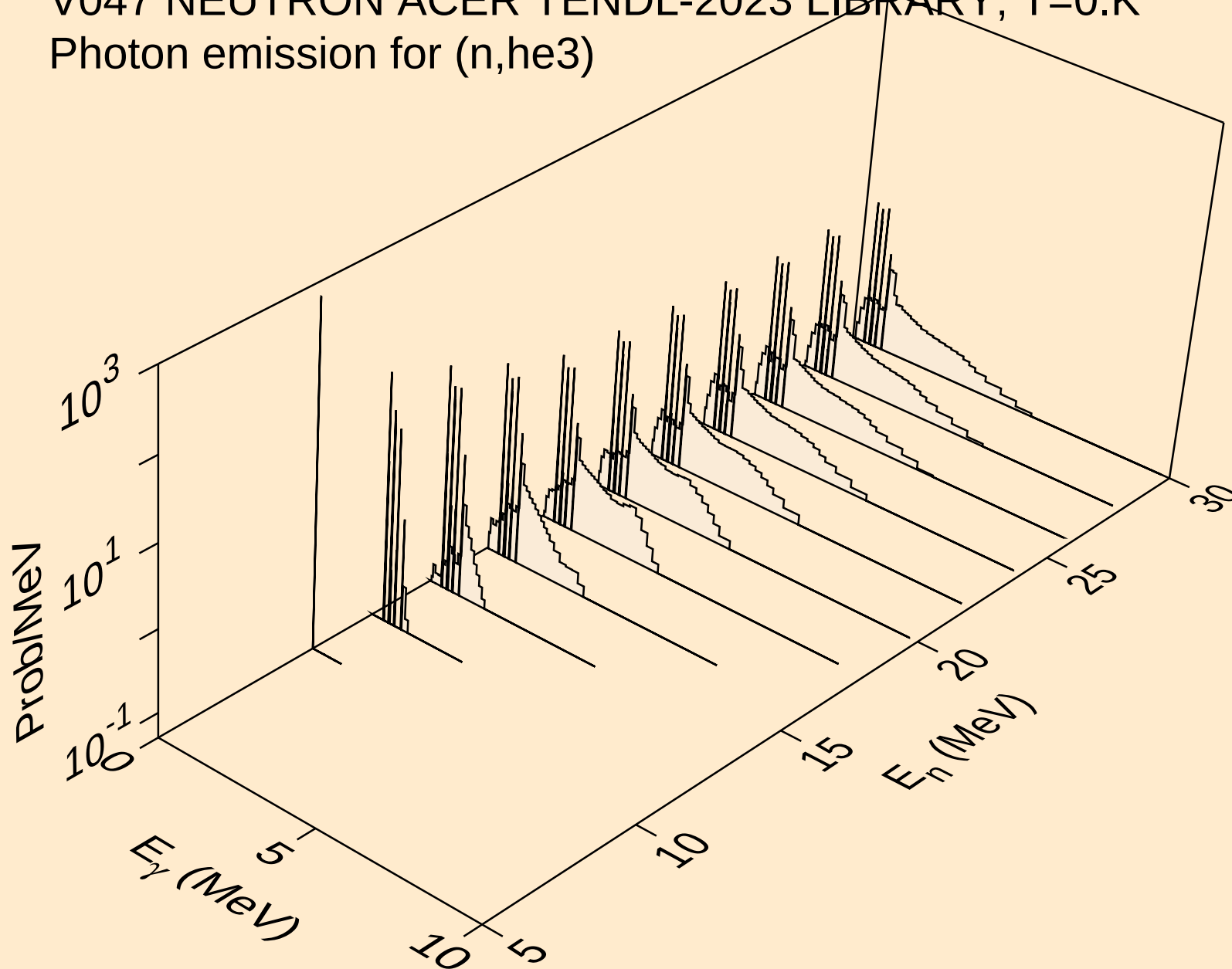
V047 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,d)



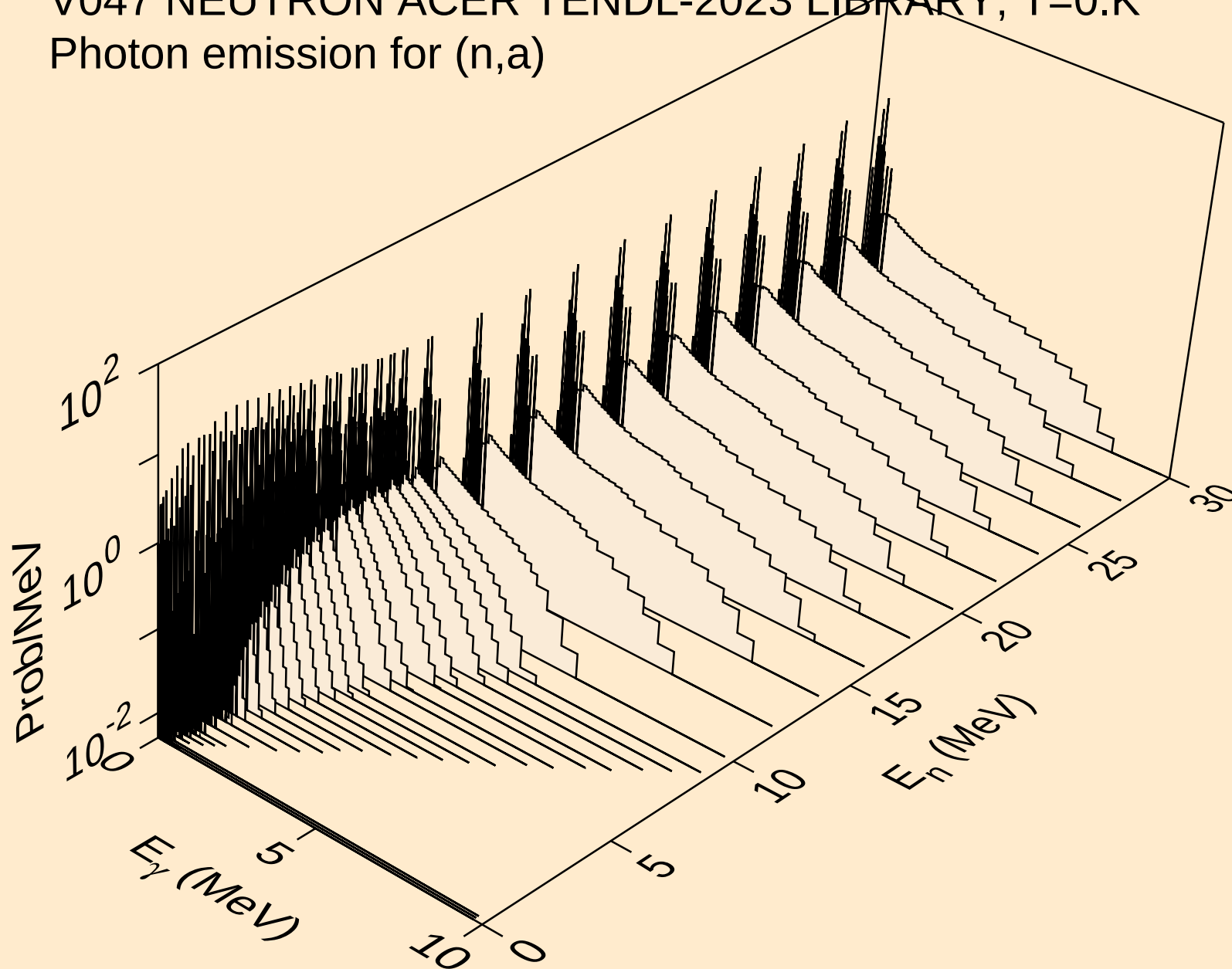
V047 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,t)



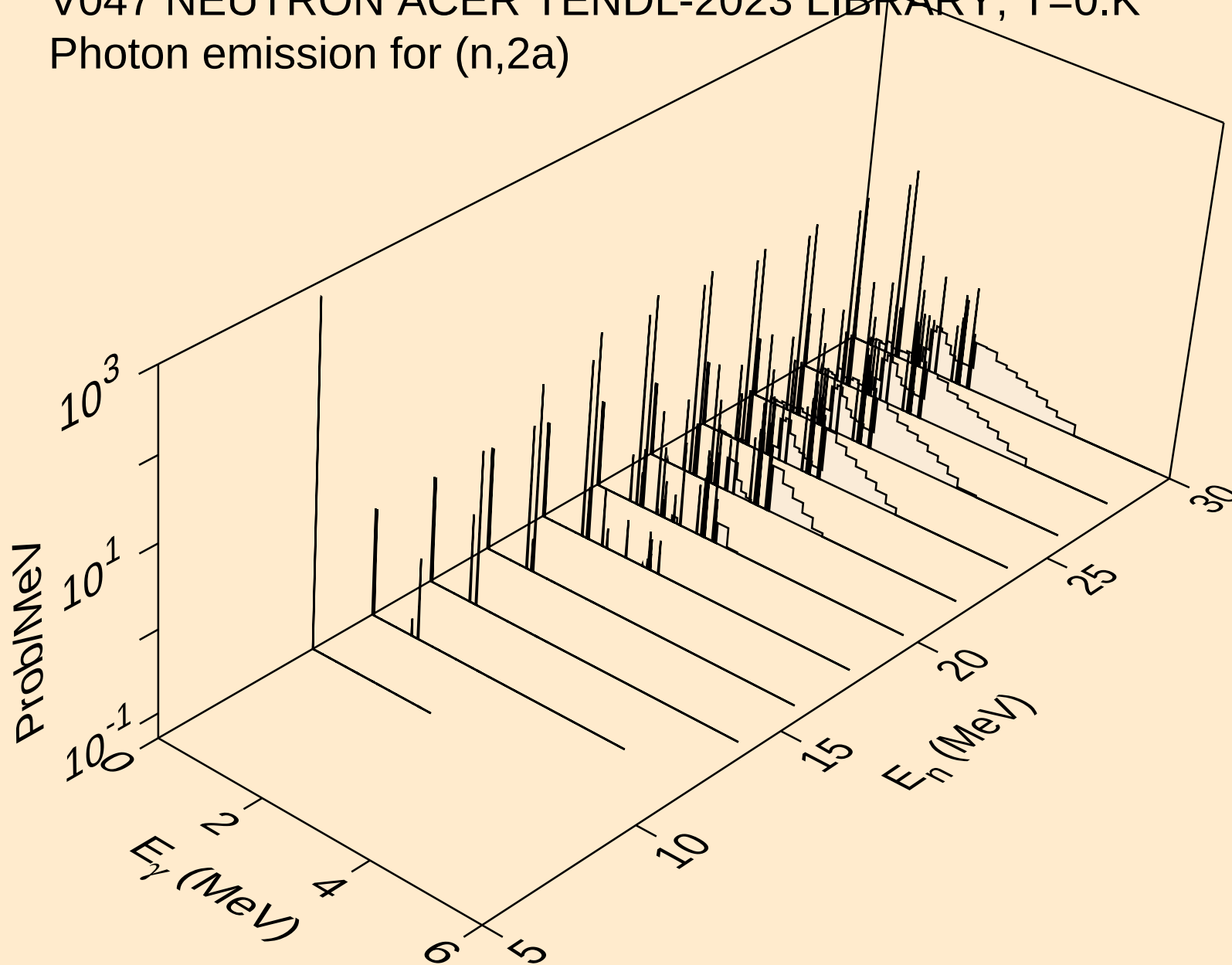
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



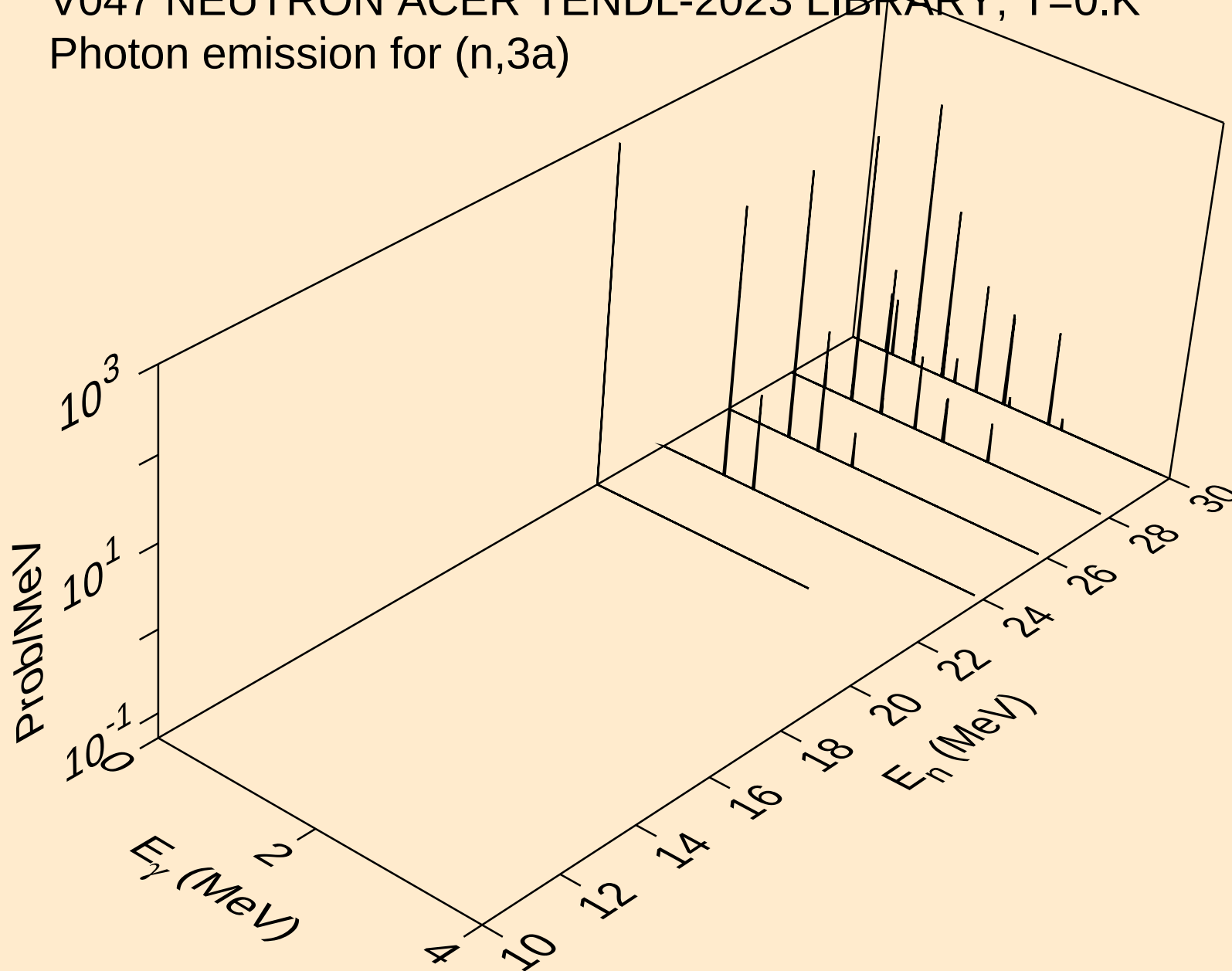
V047 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,a)



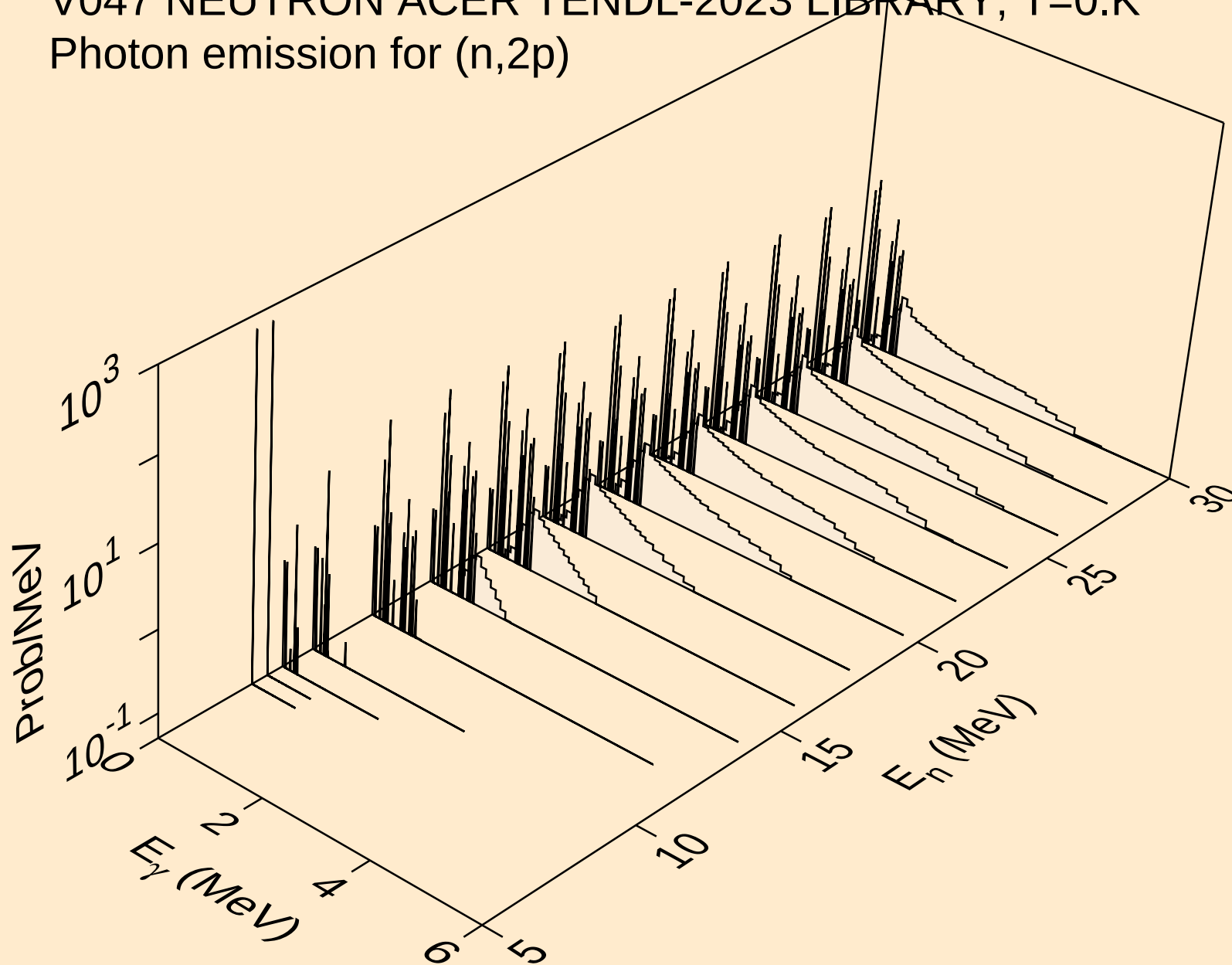
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



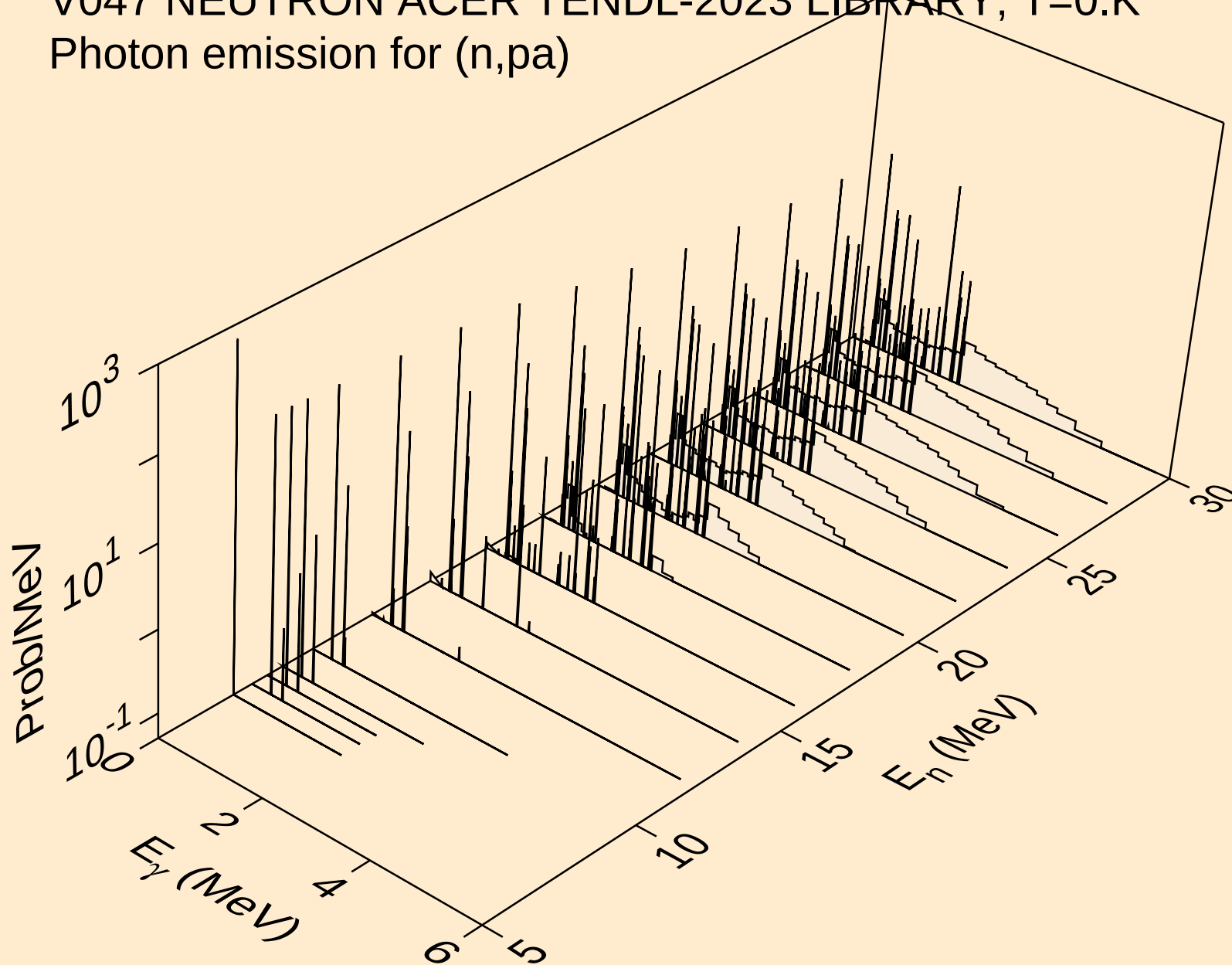
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3a)



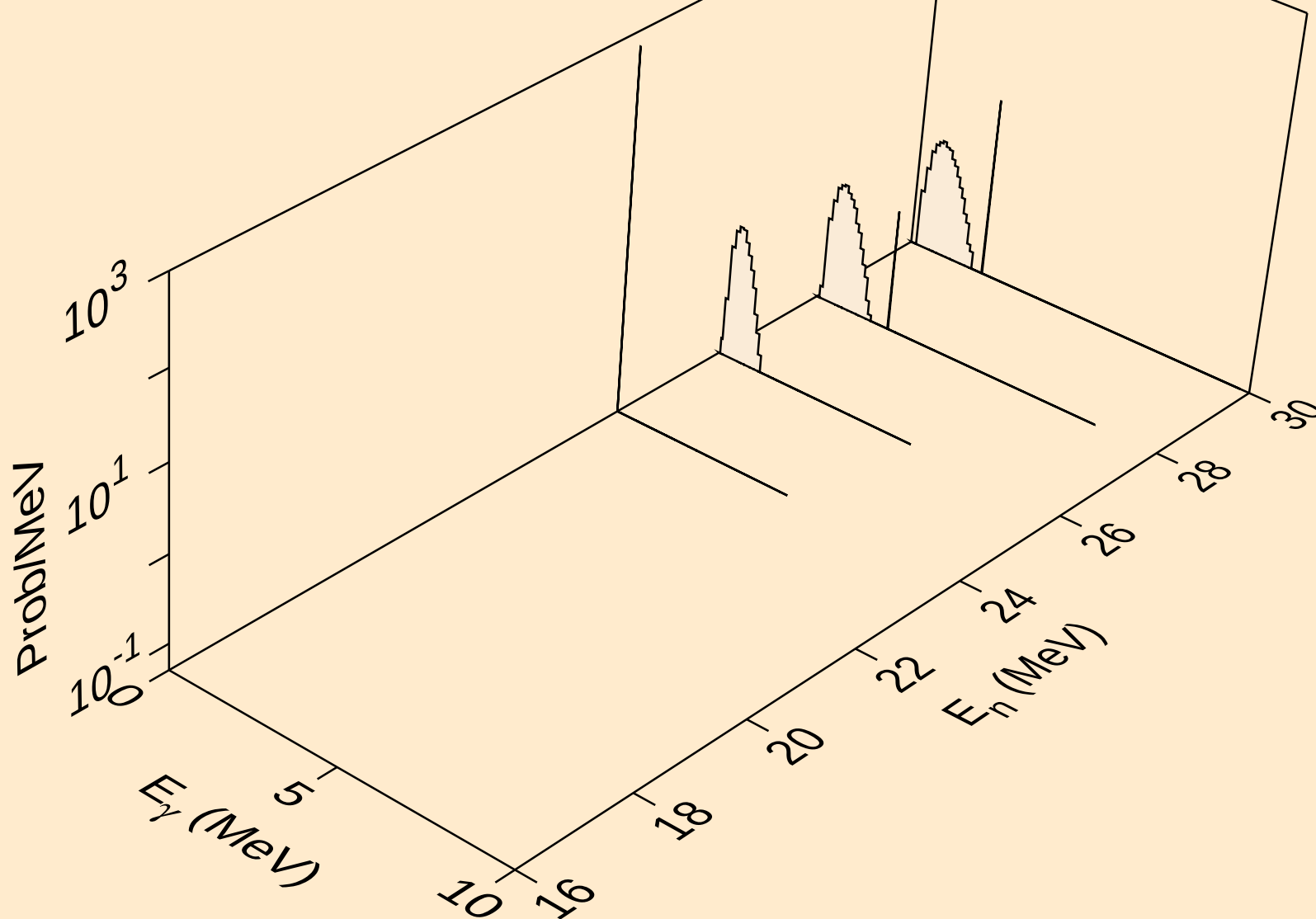
V047 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2p)



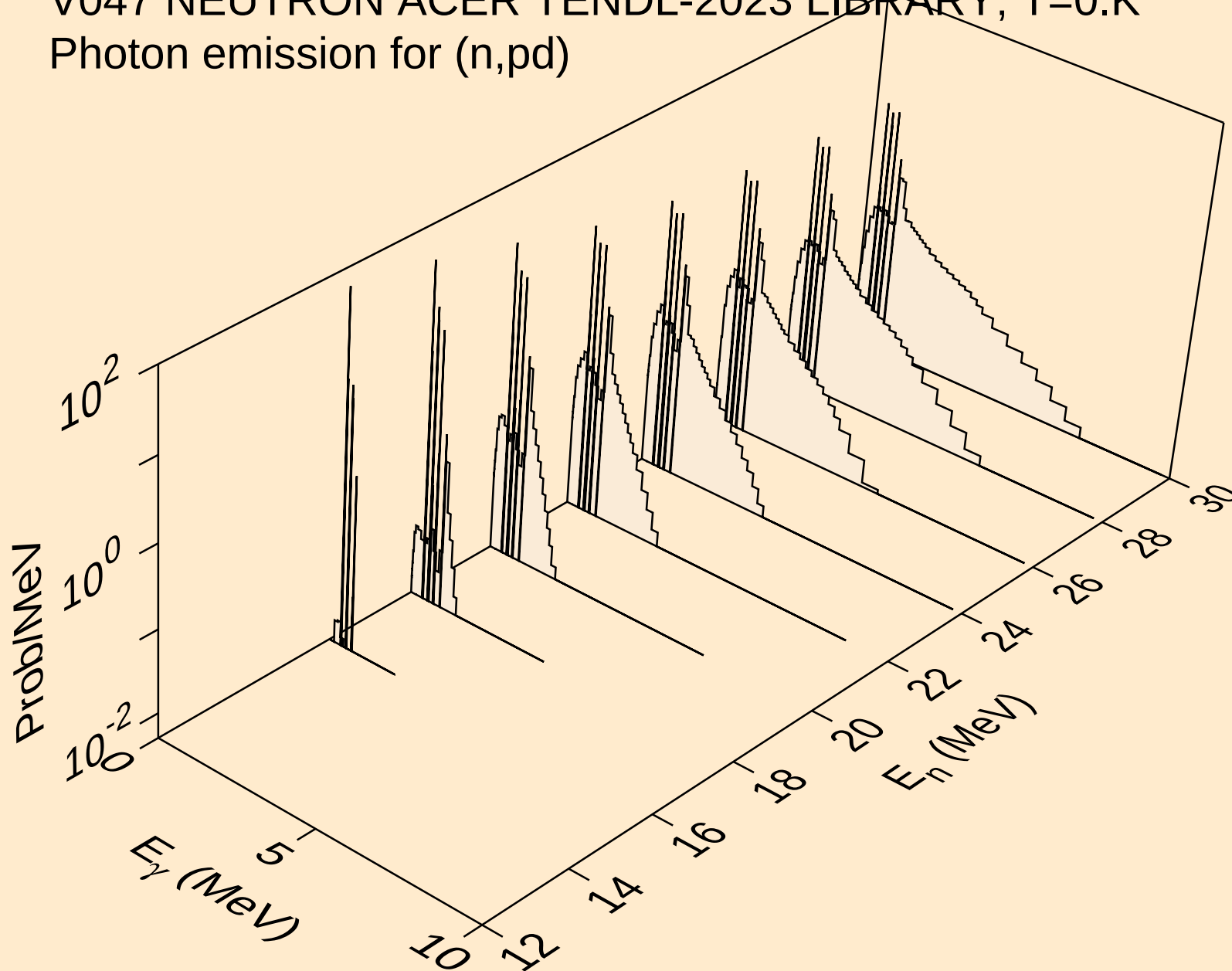
V047 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,p α)



V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d2a)

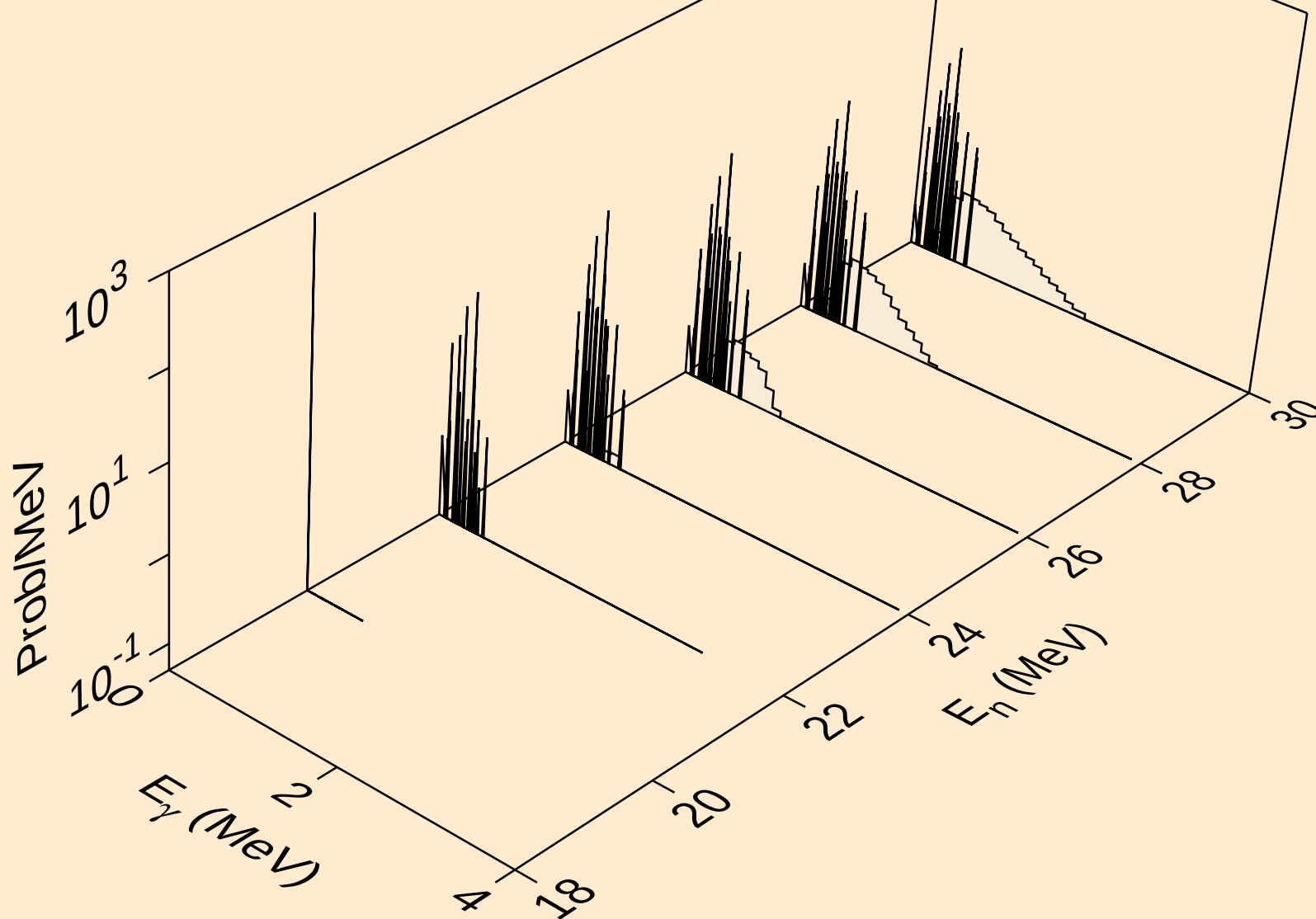


V047 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,pd)

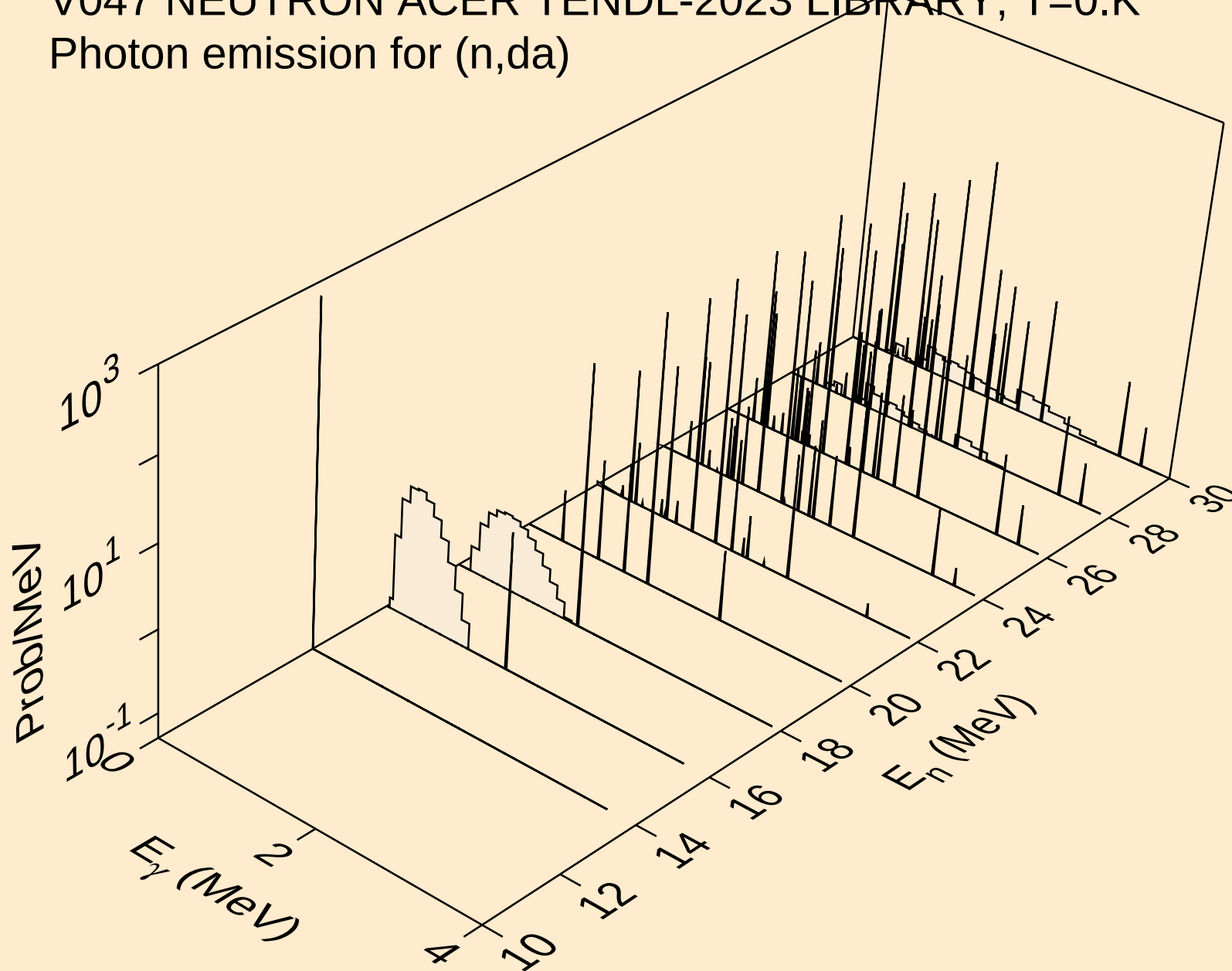


V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

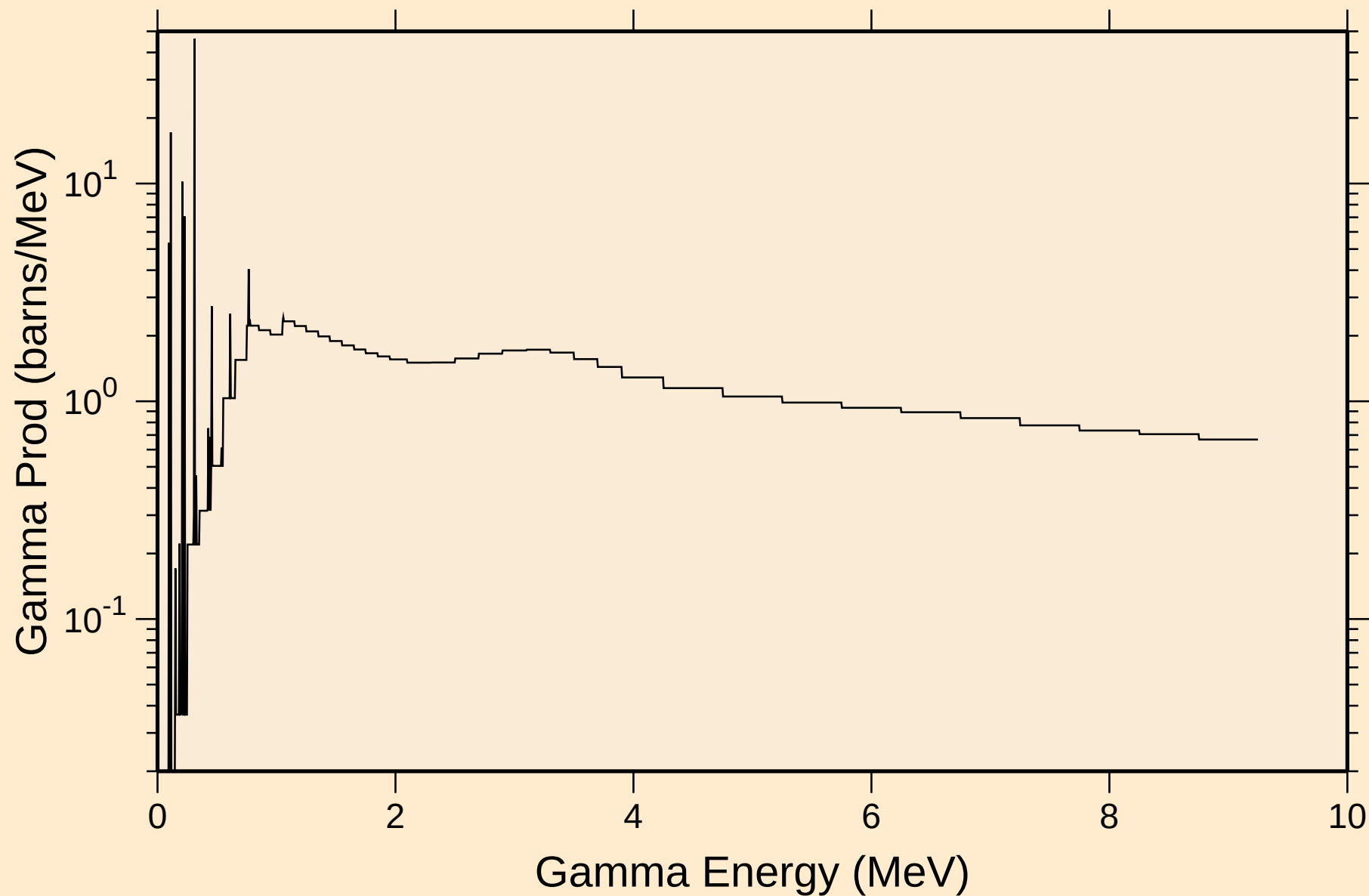
Photon emission for (n,pt)



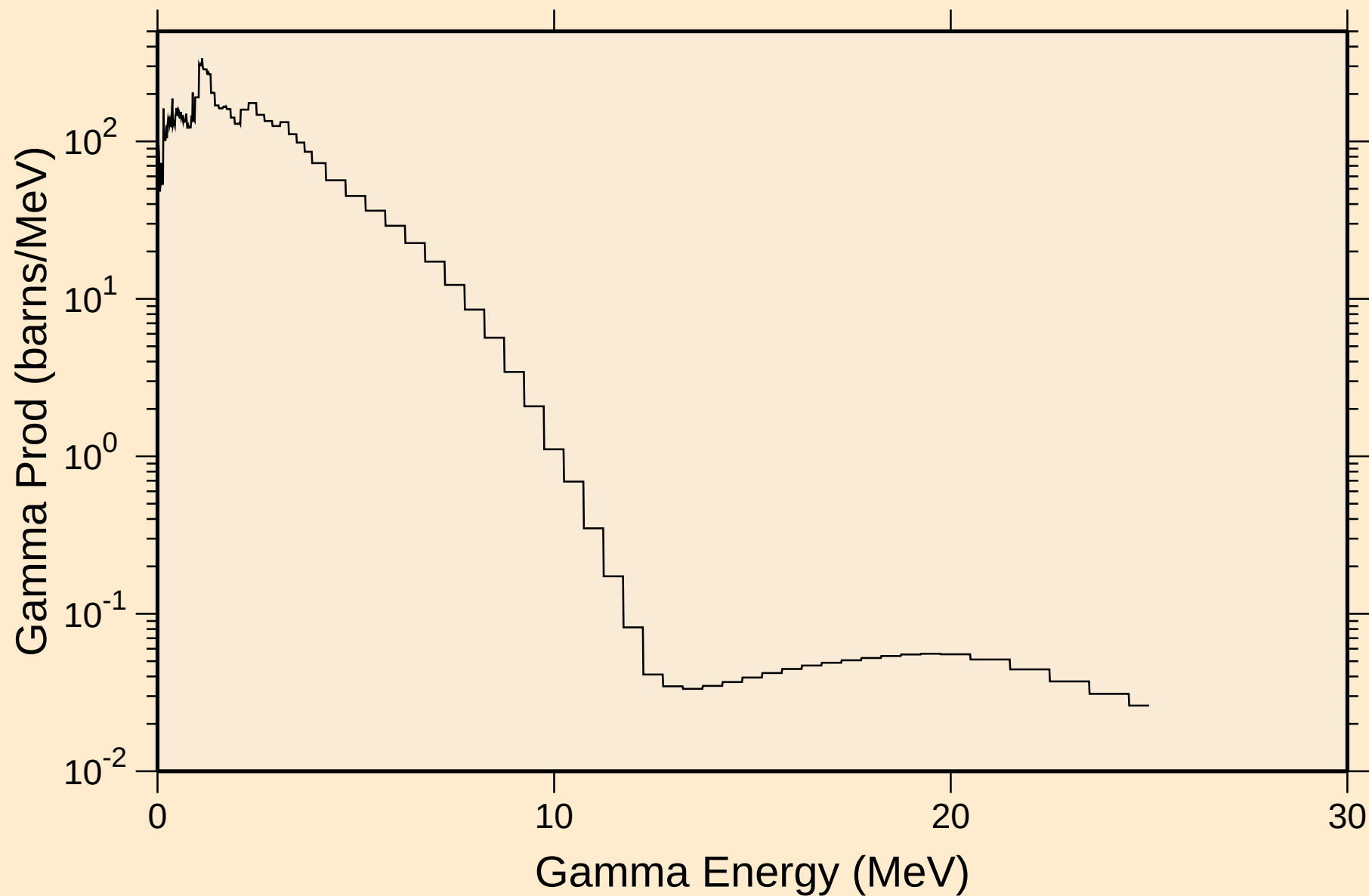
V047 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,da)



V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

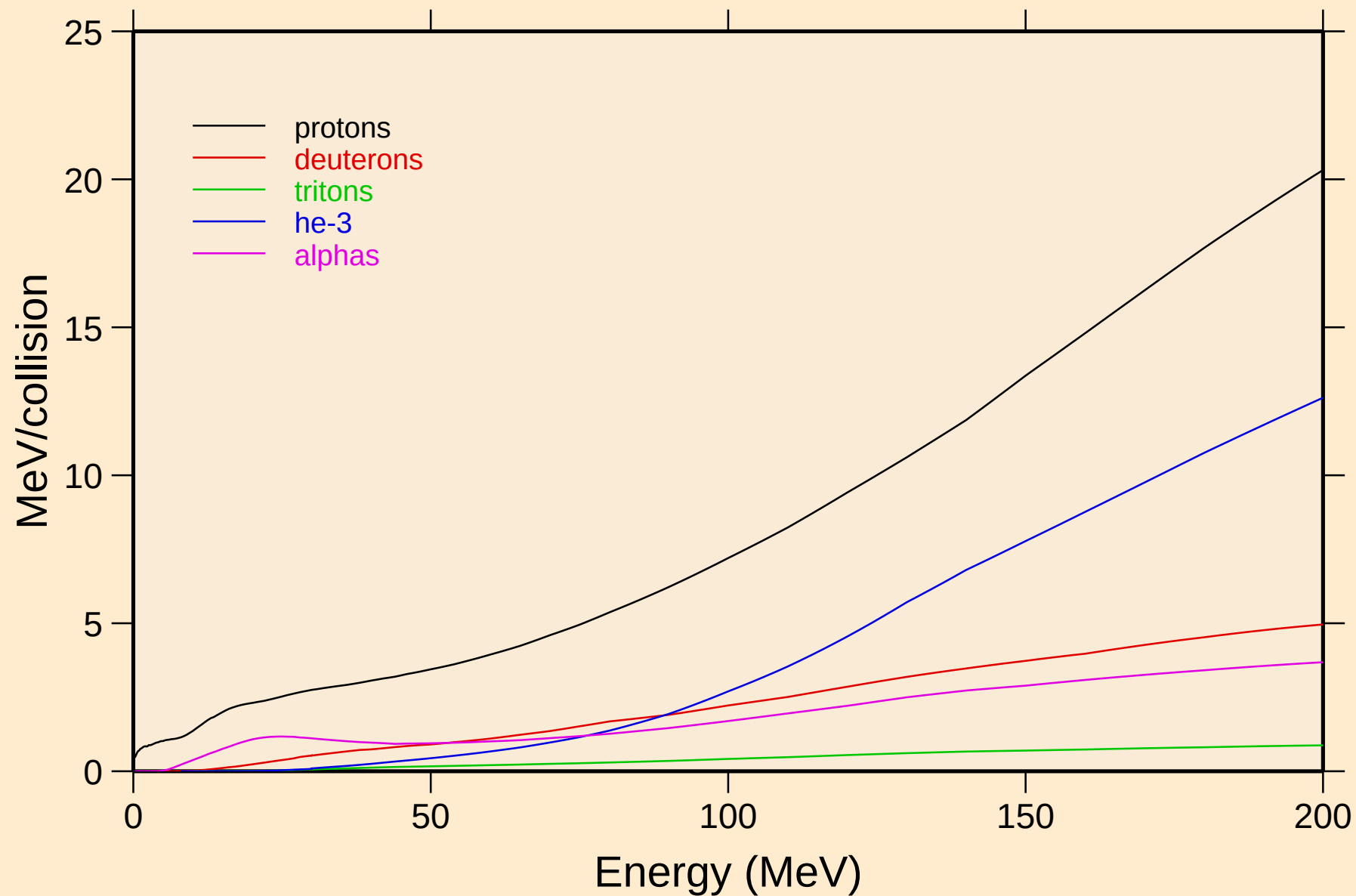


V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum



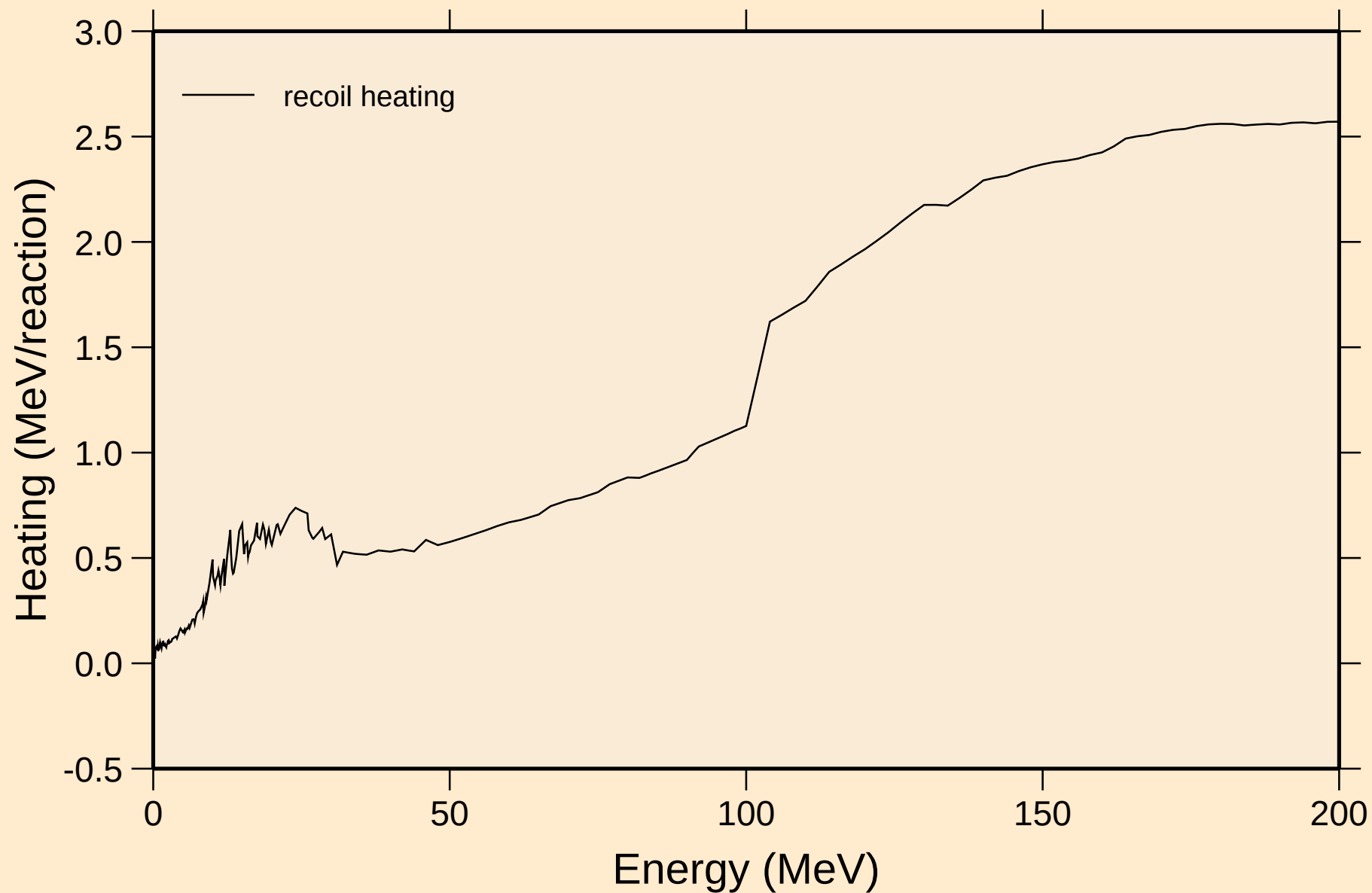
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



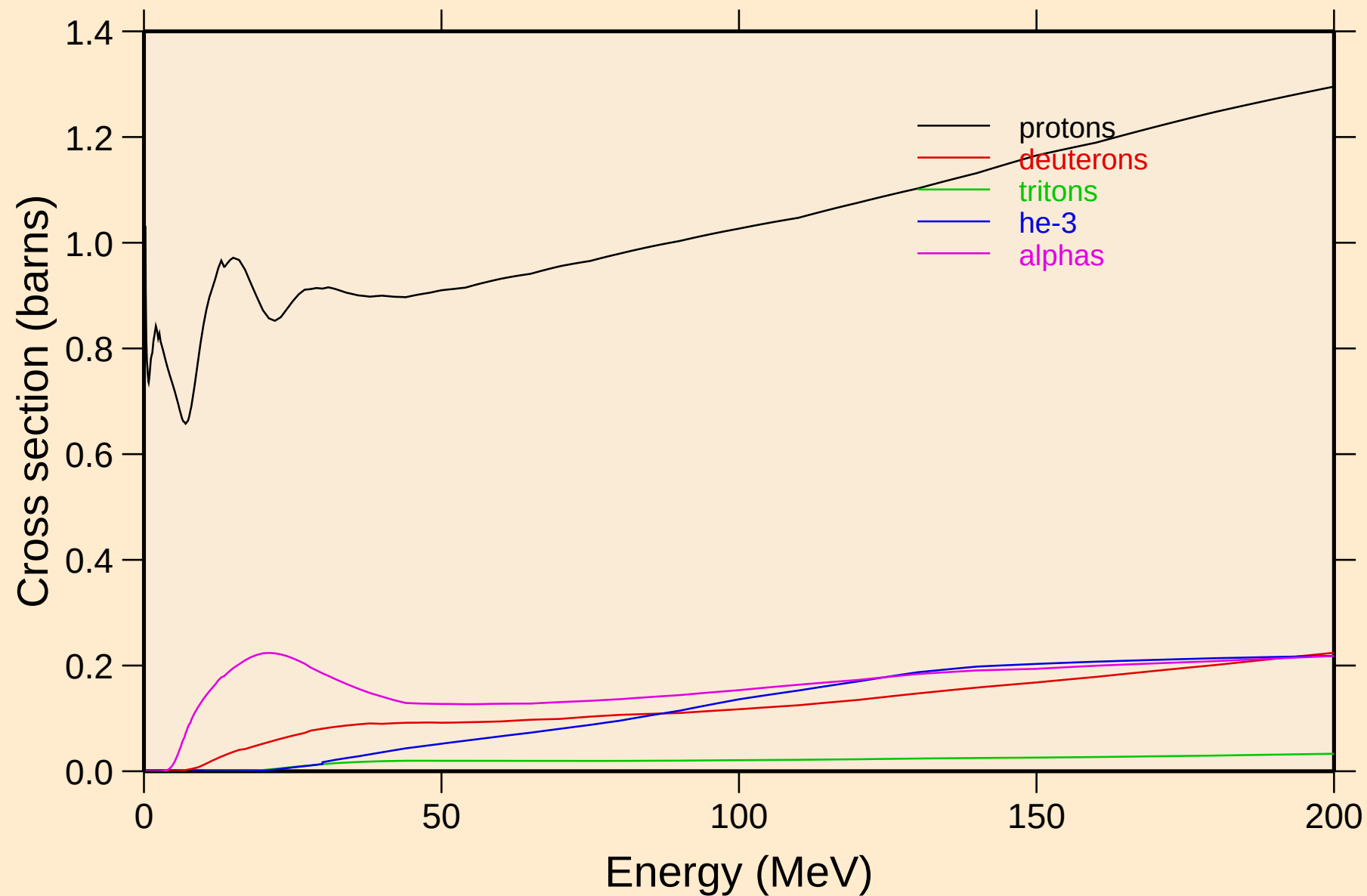
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

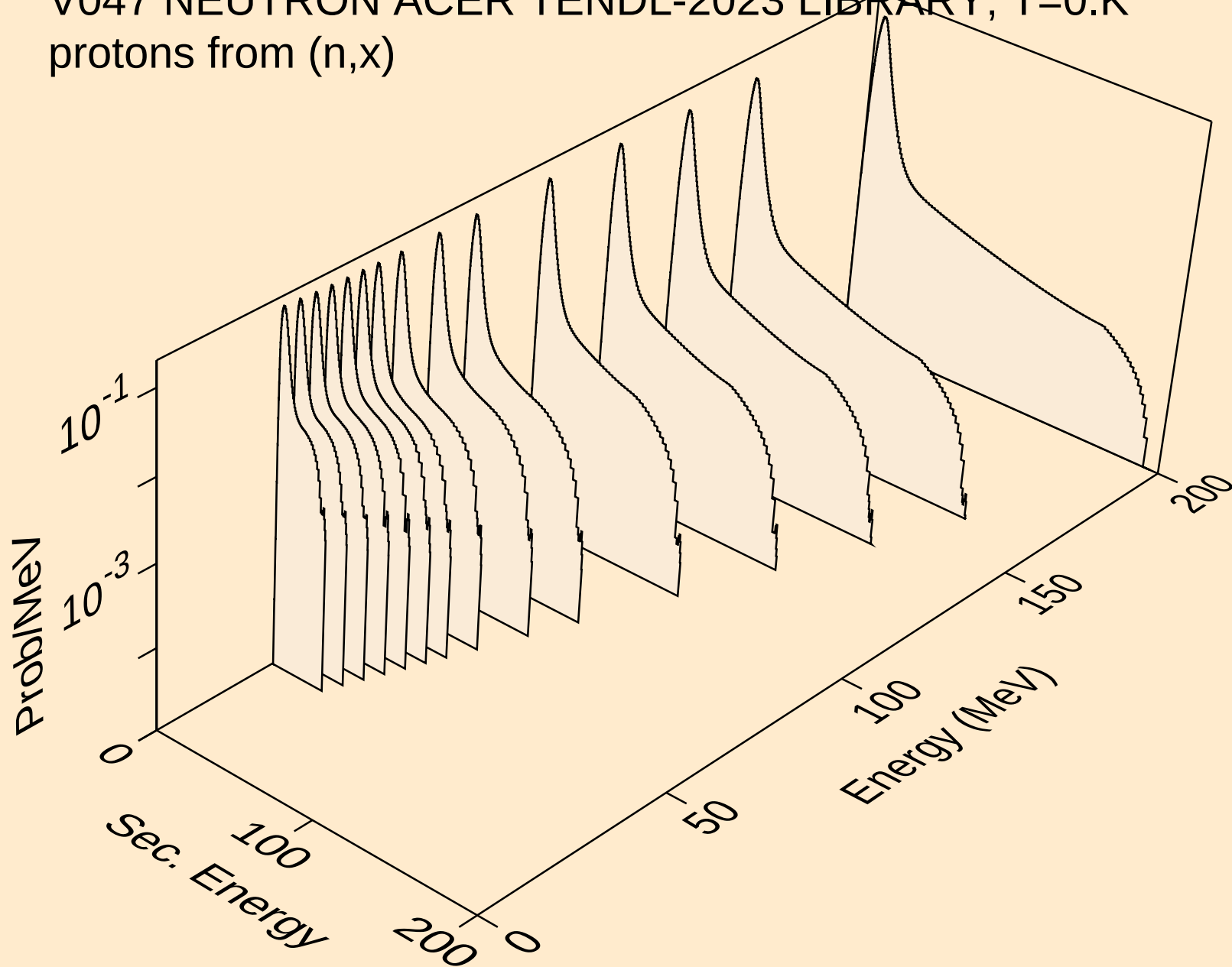


V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

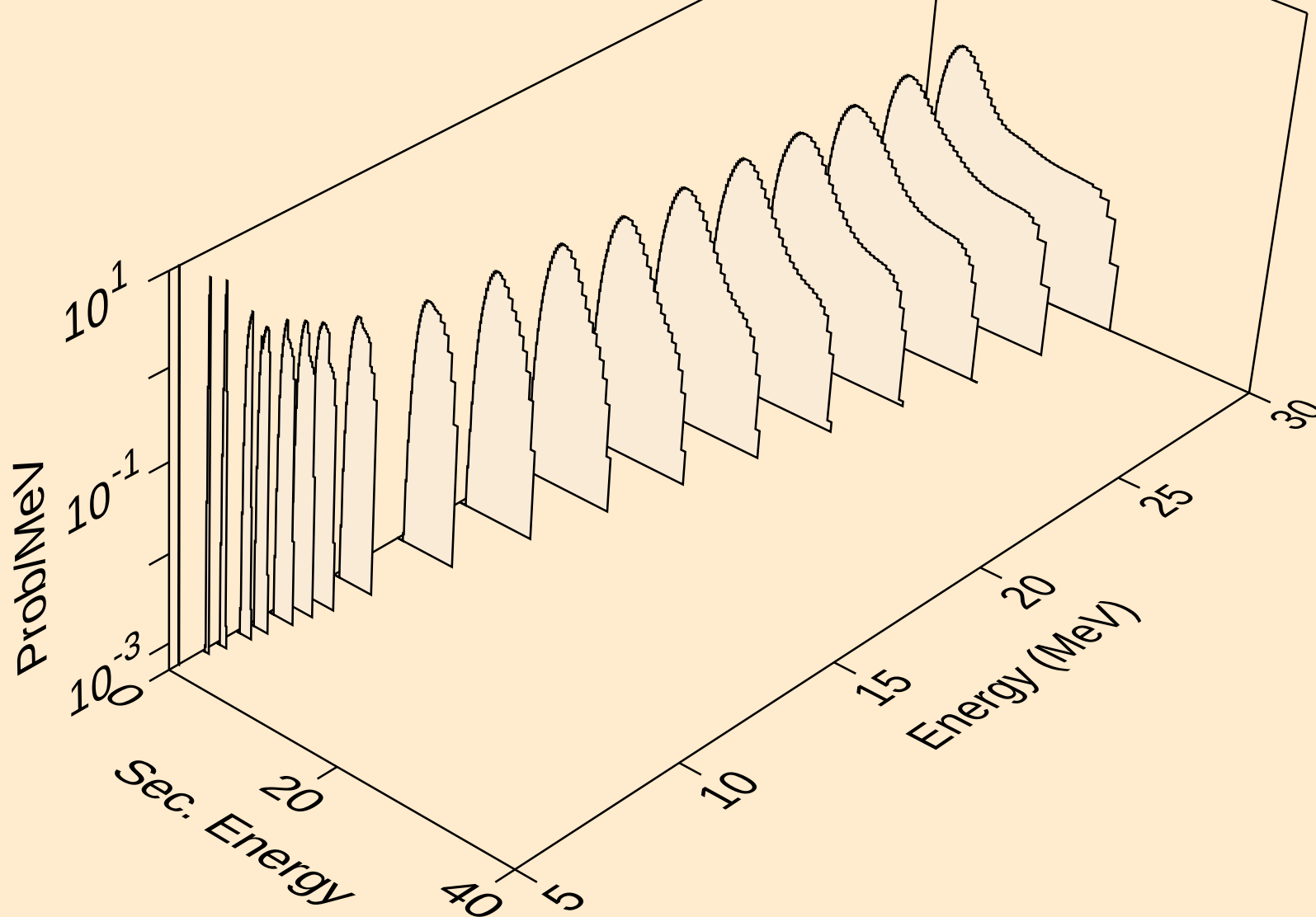
Particle production cross sections



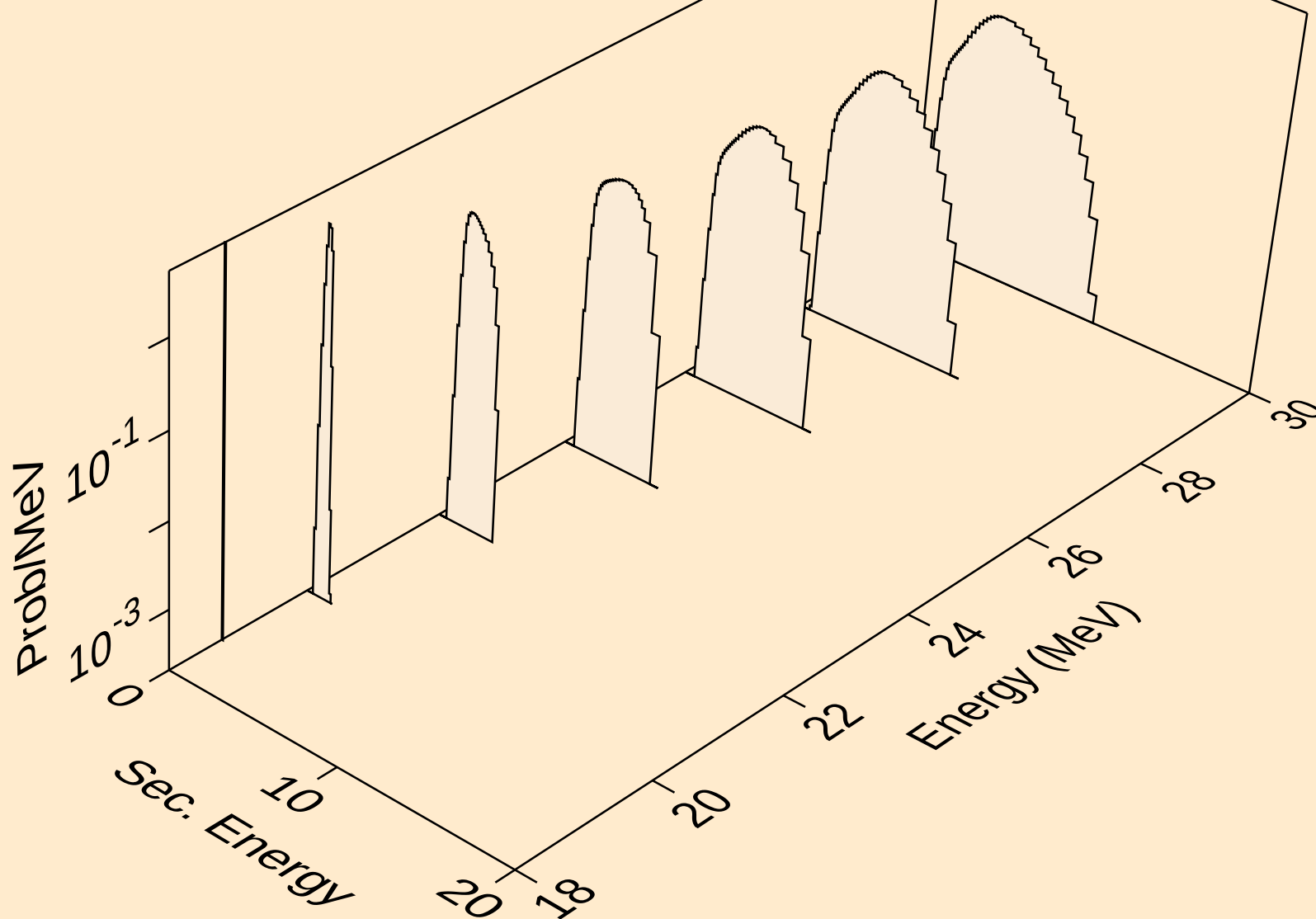
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



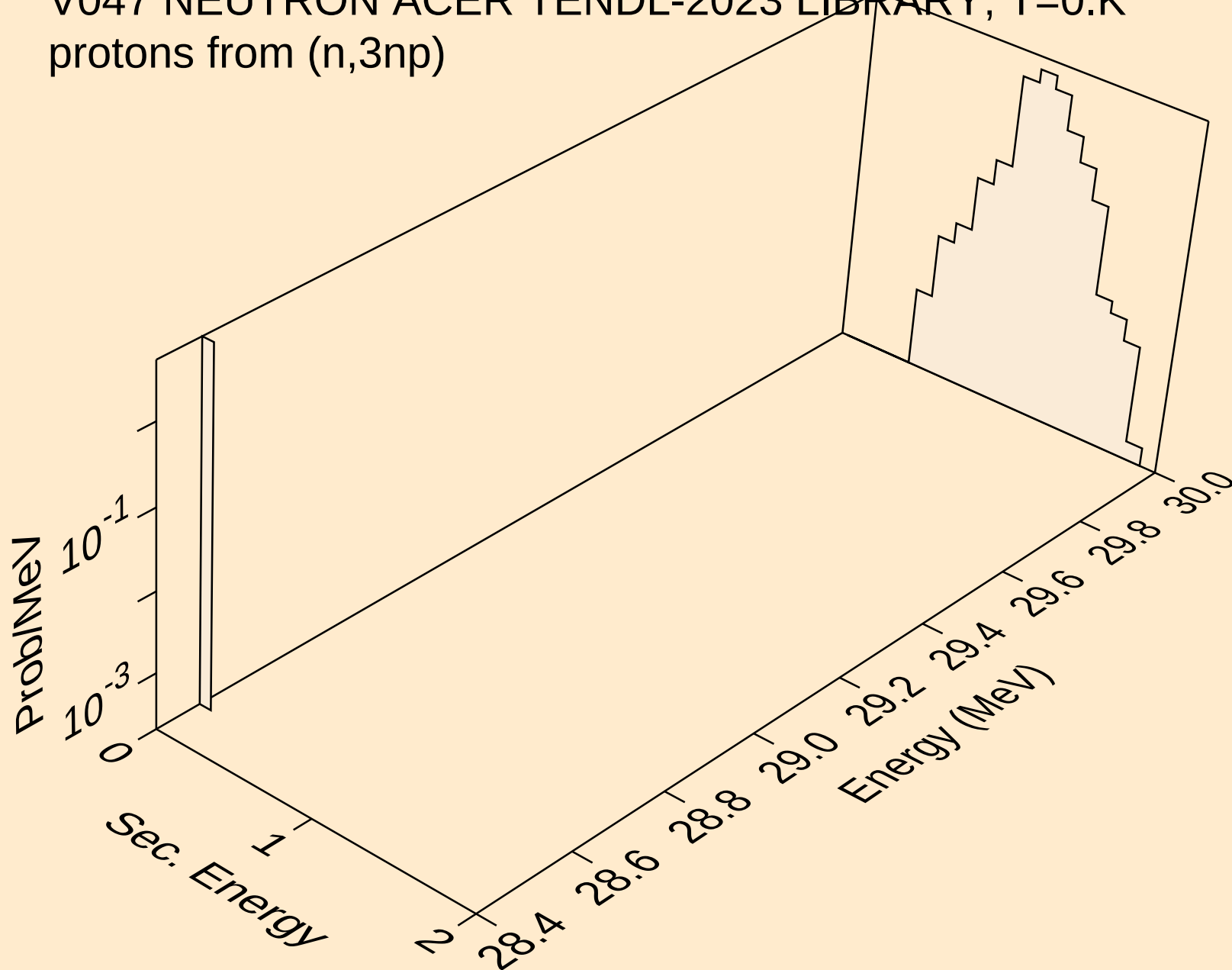
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



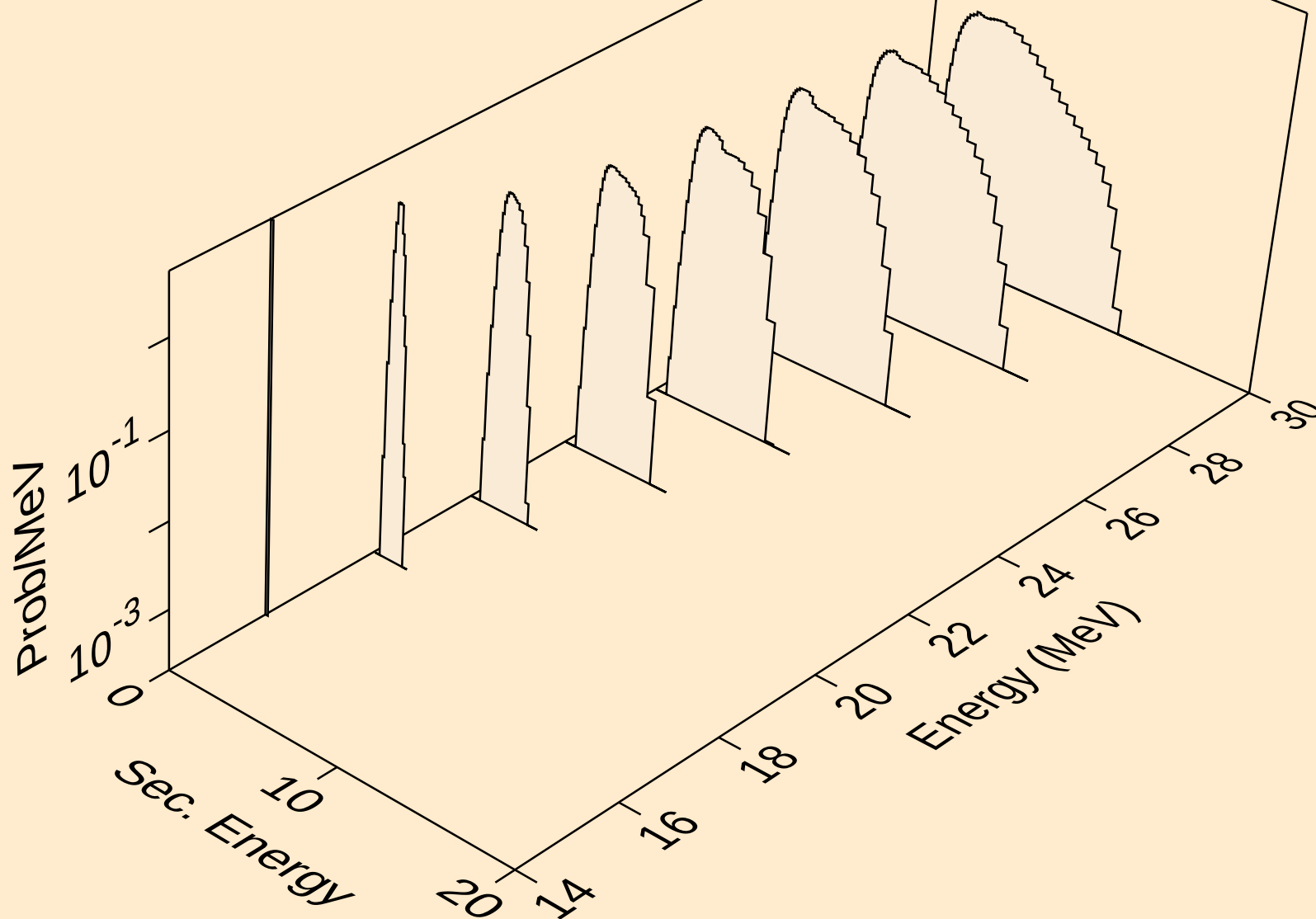
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protons from (n,2np)



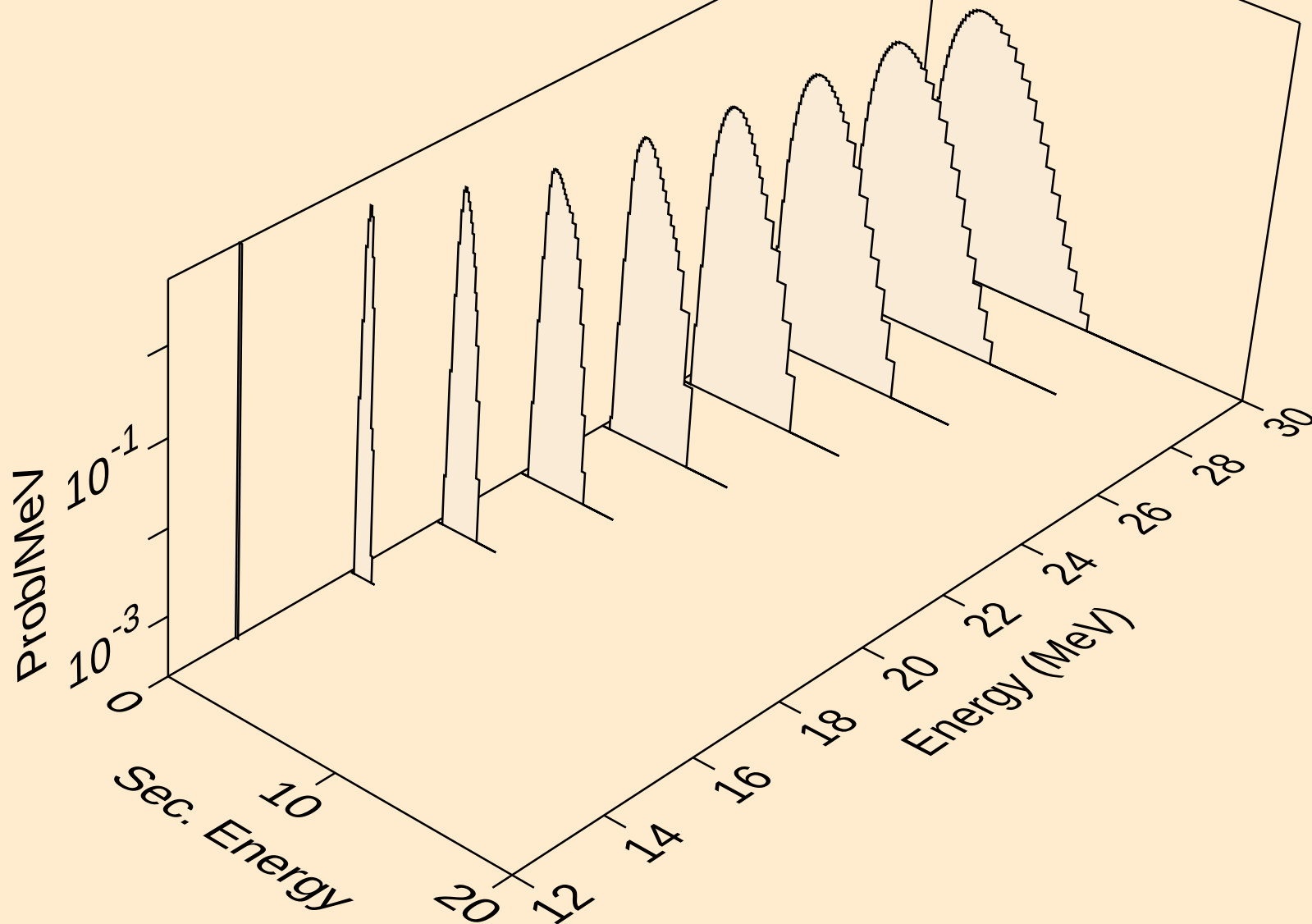
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protons from (n,3np)



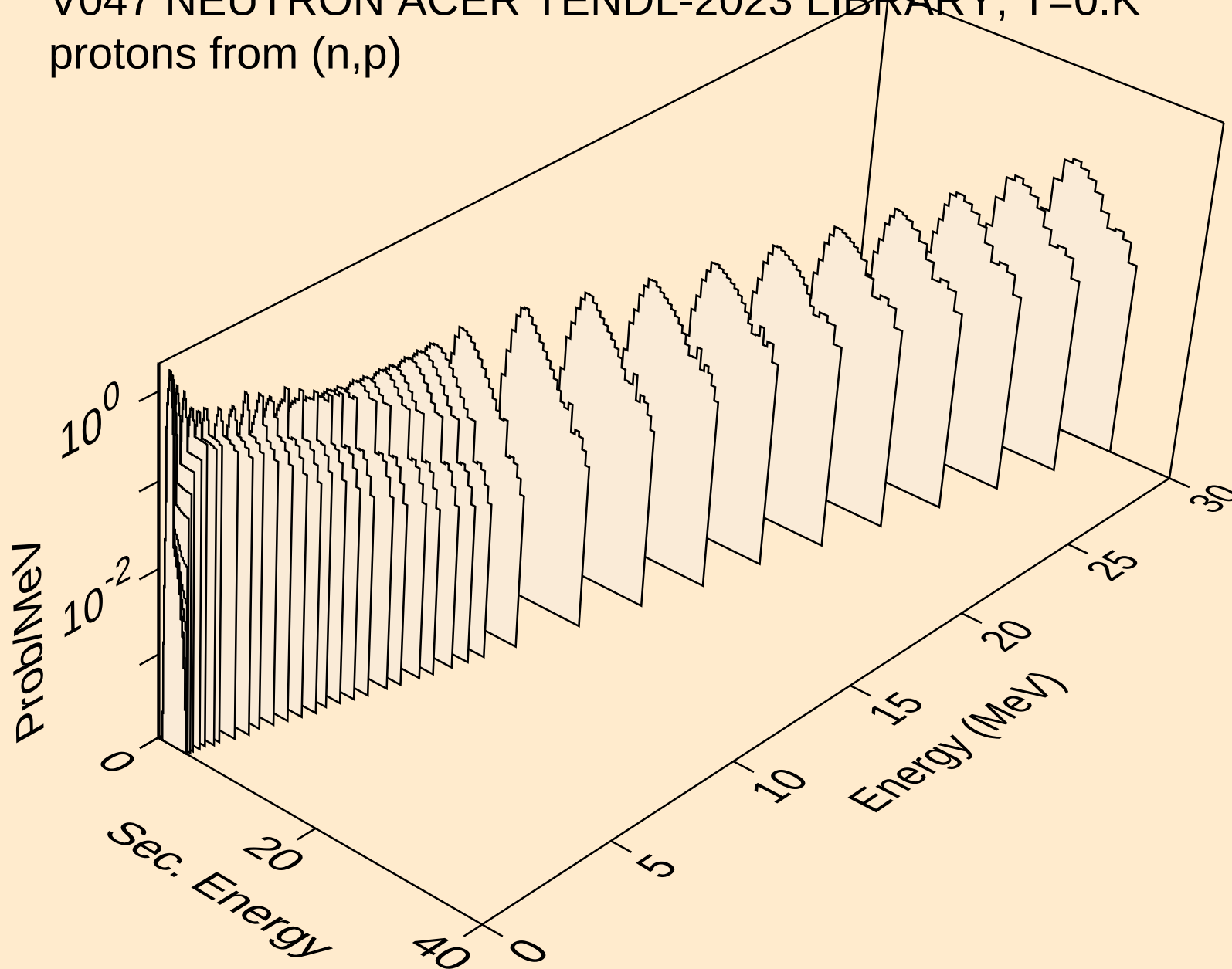
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protons from (n,n2p)



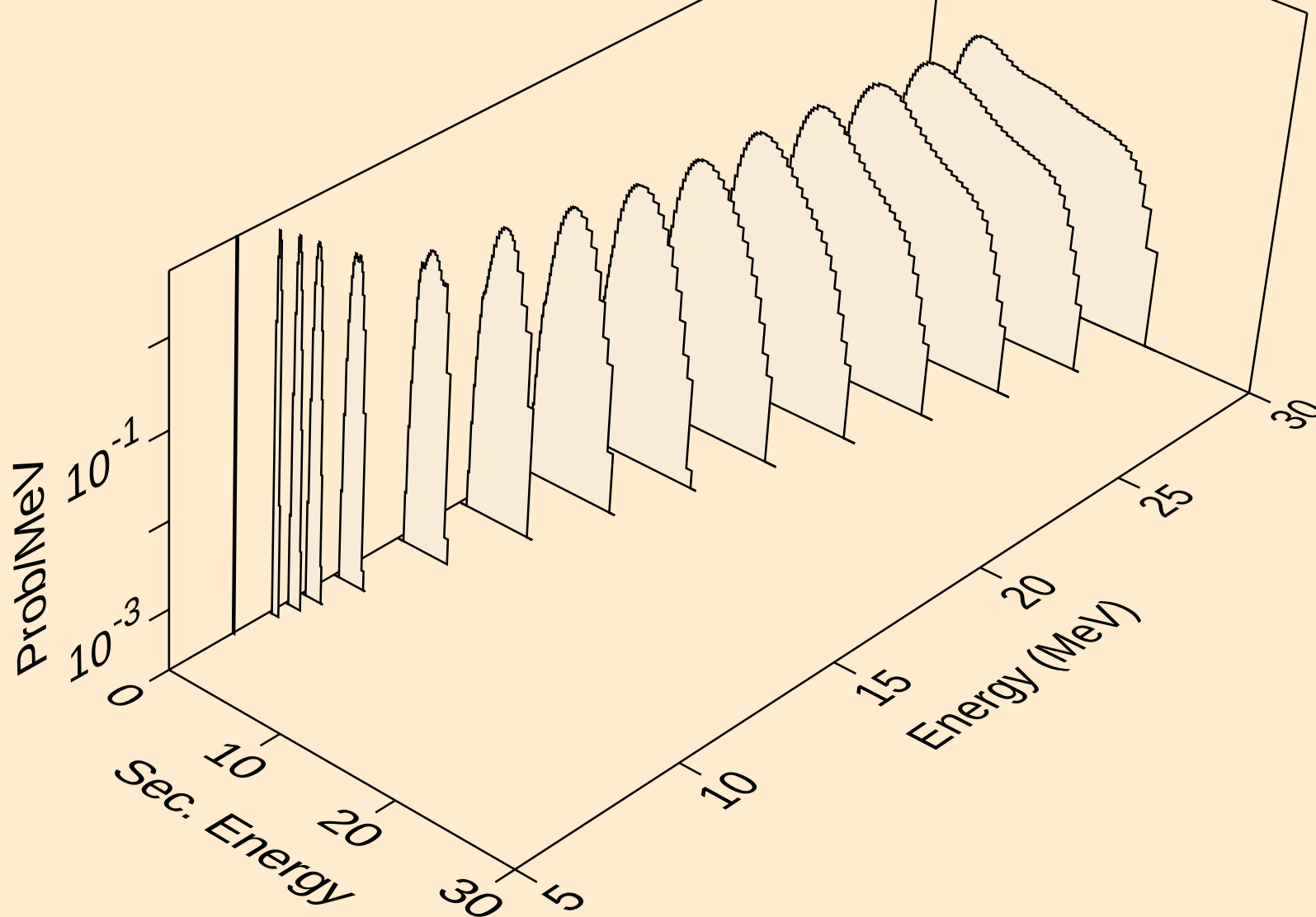
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protons from (n,npa)



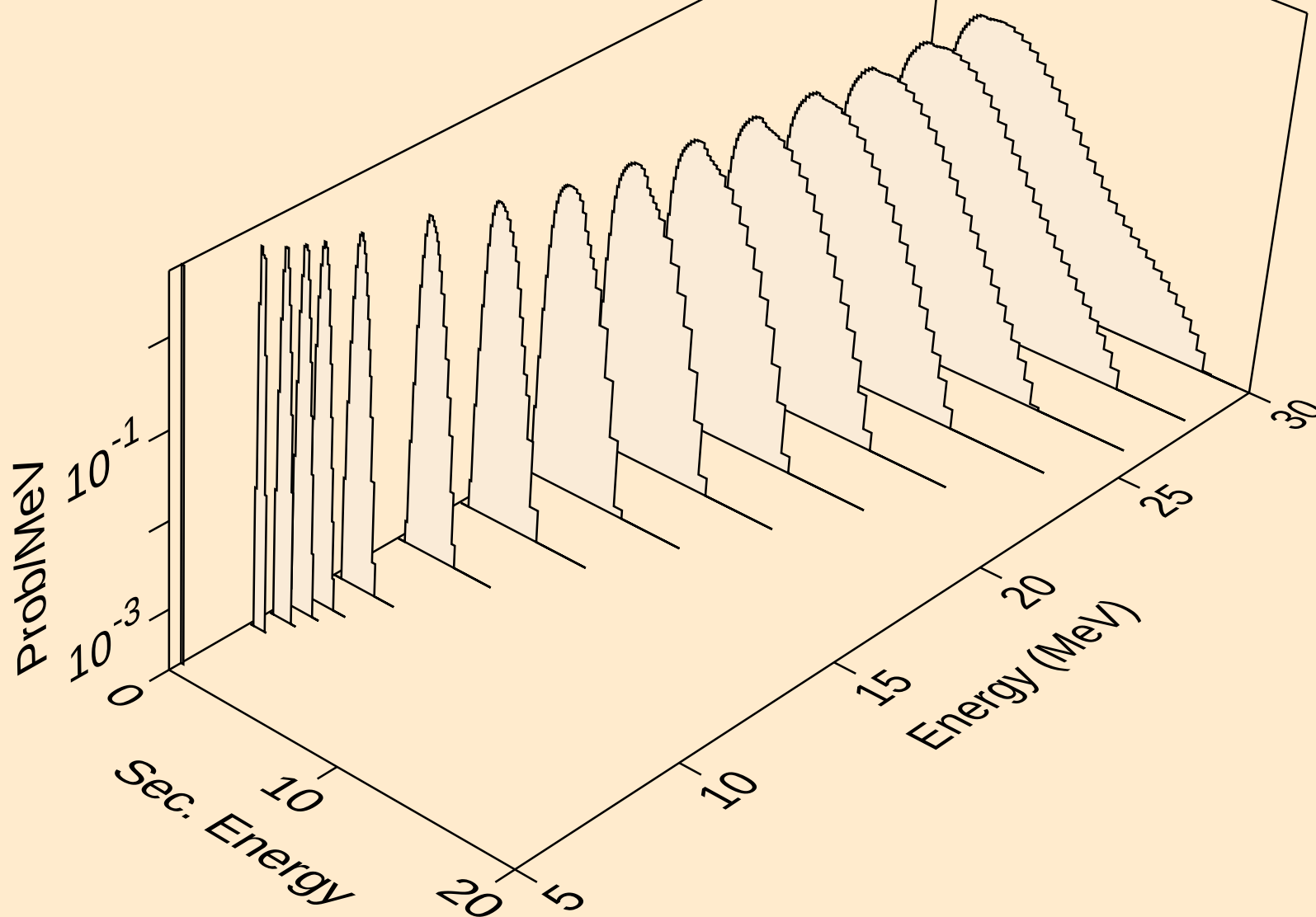
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protons from (n,p)



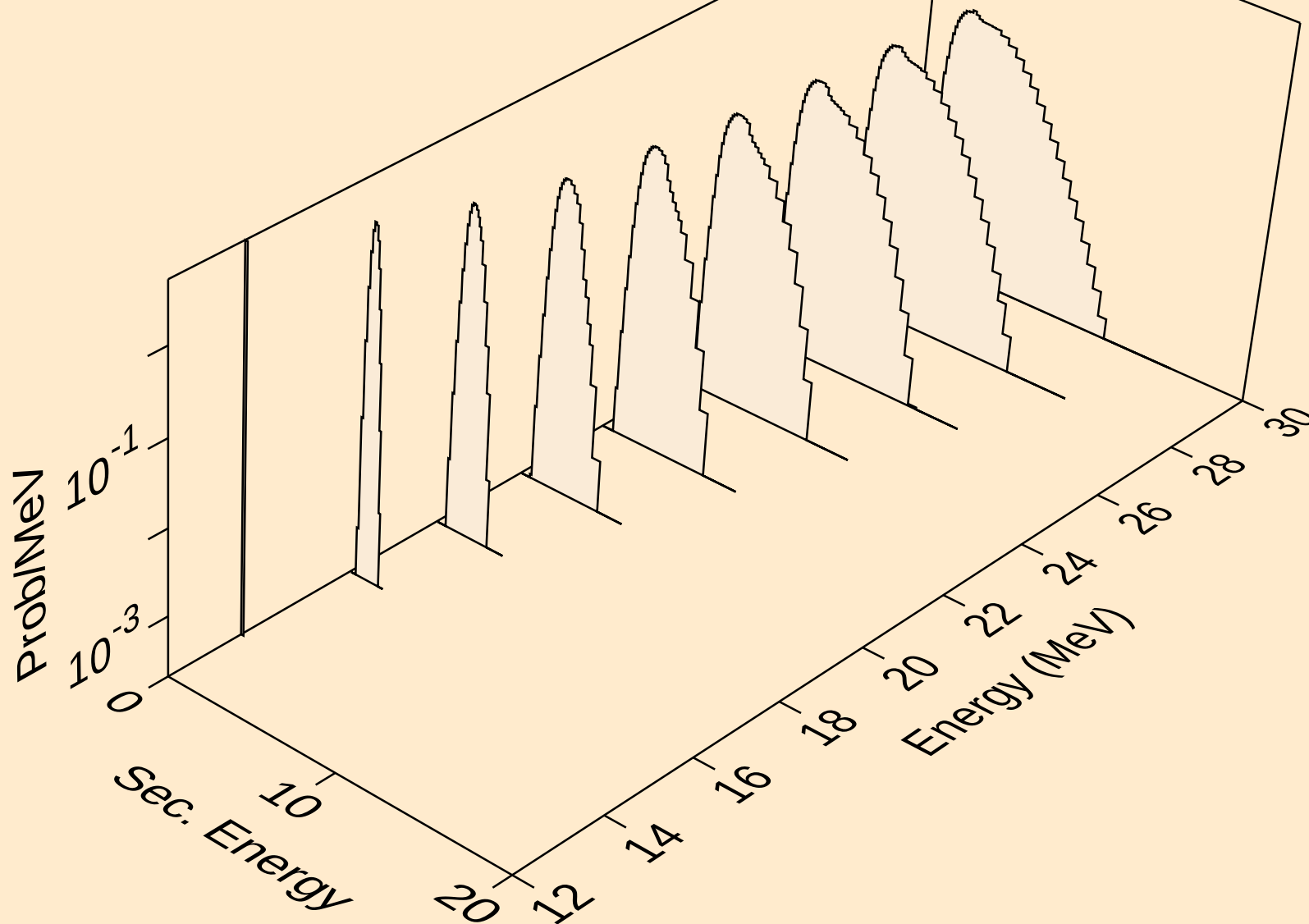
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protons from (n,2p)



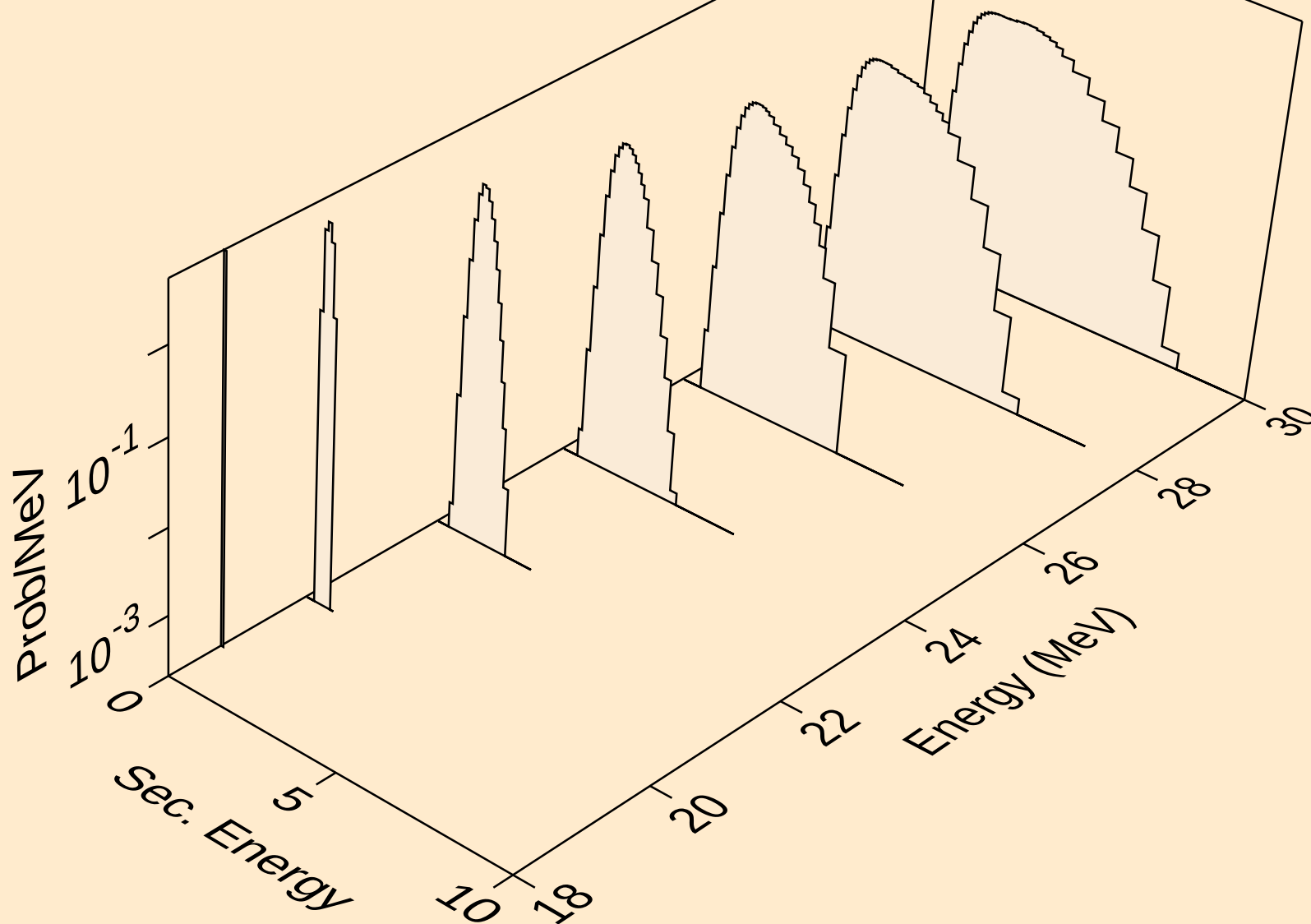
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protons from (n,p)



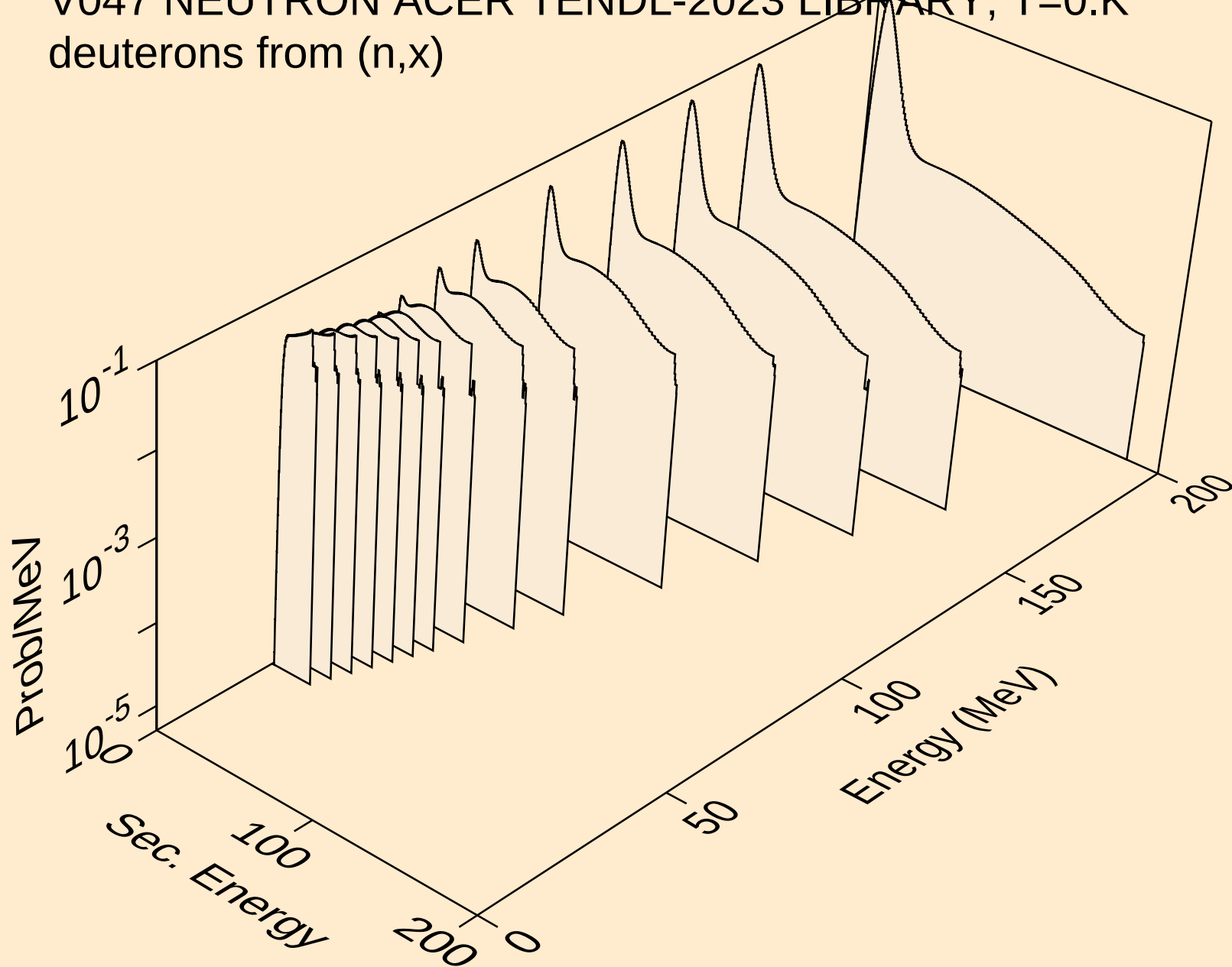
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protons from (n,pd)



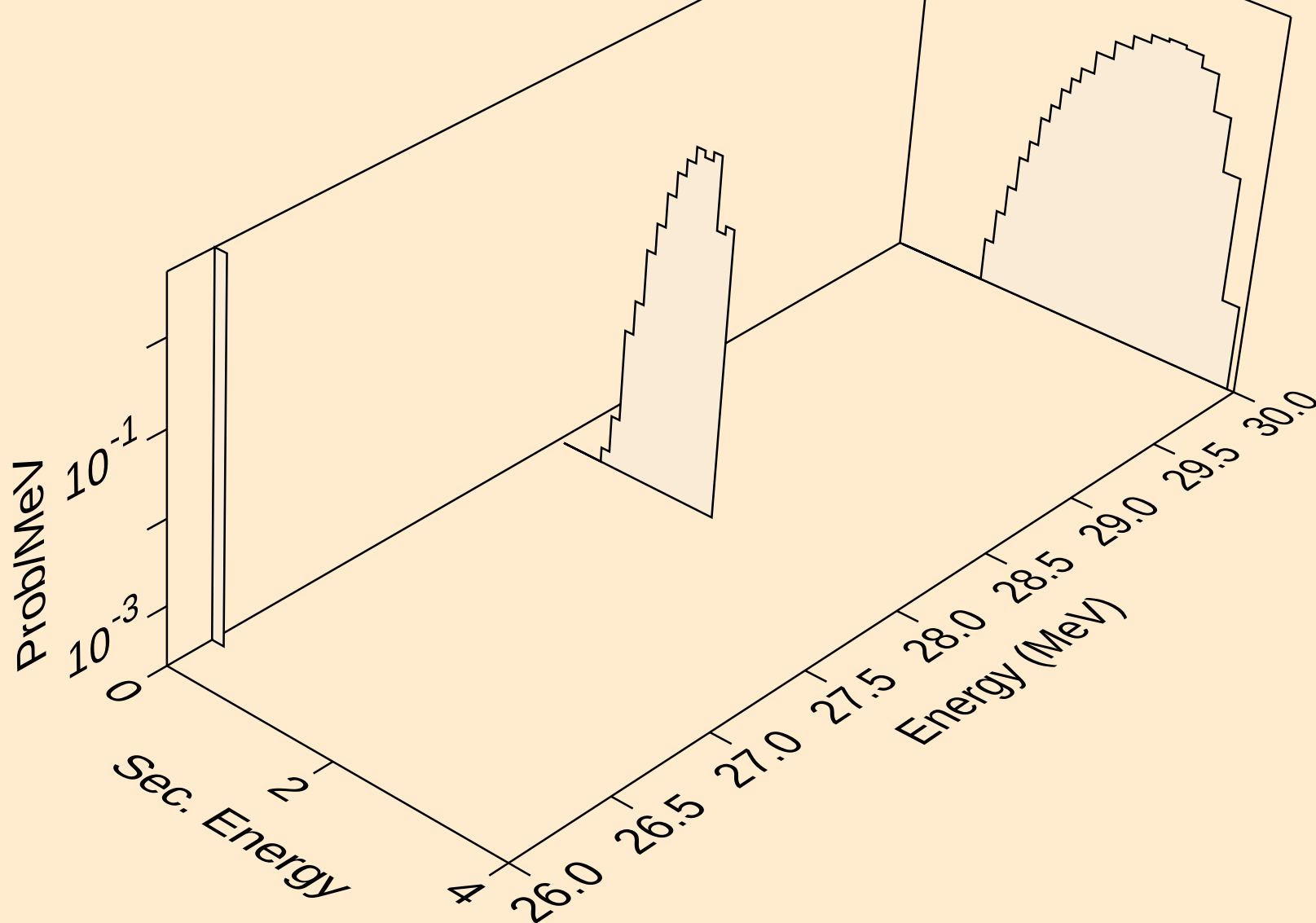
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protons from (n,pt)



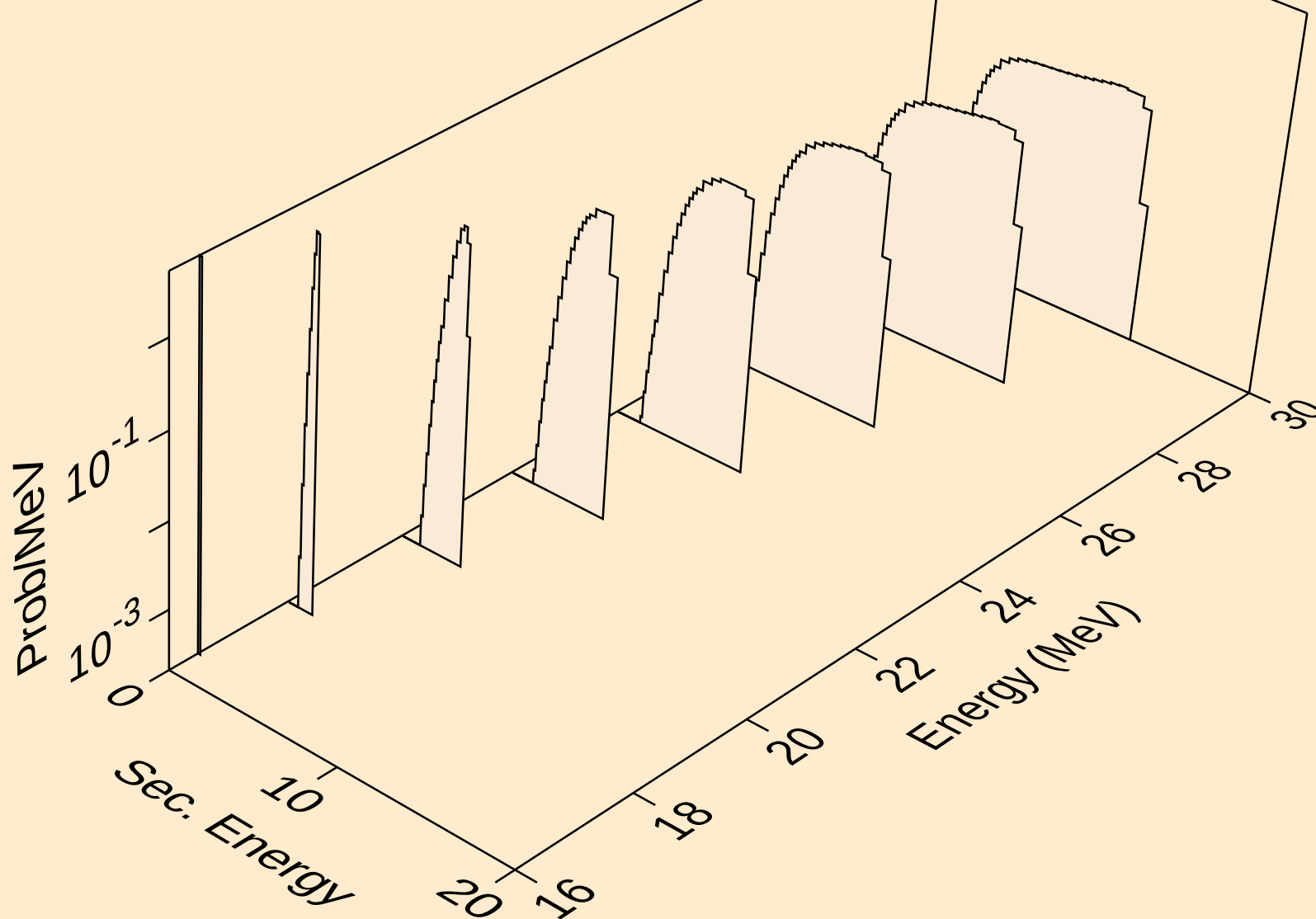
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



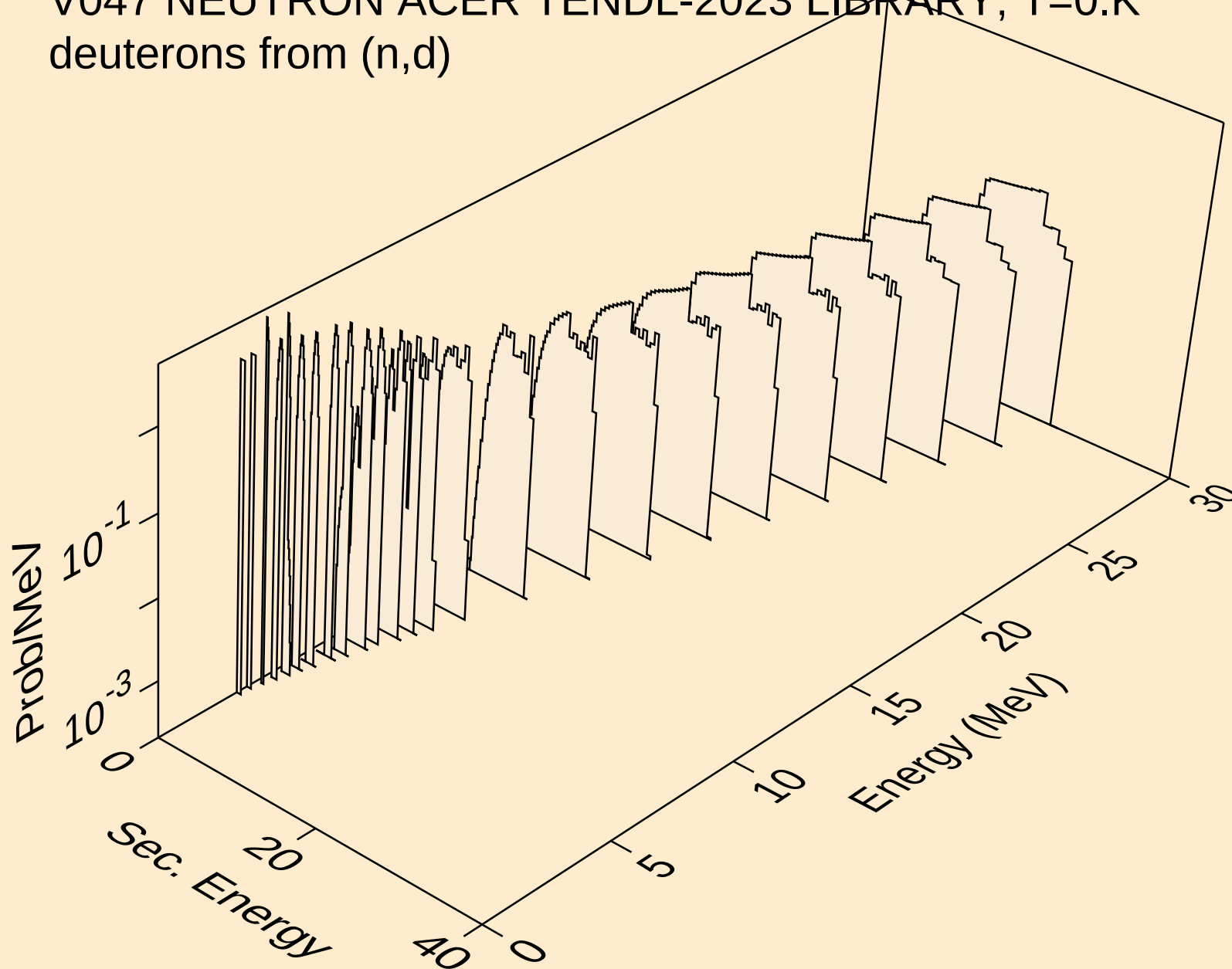
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deuterons from (n,2nd)



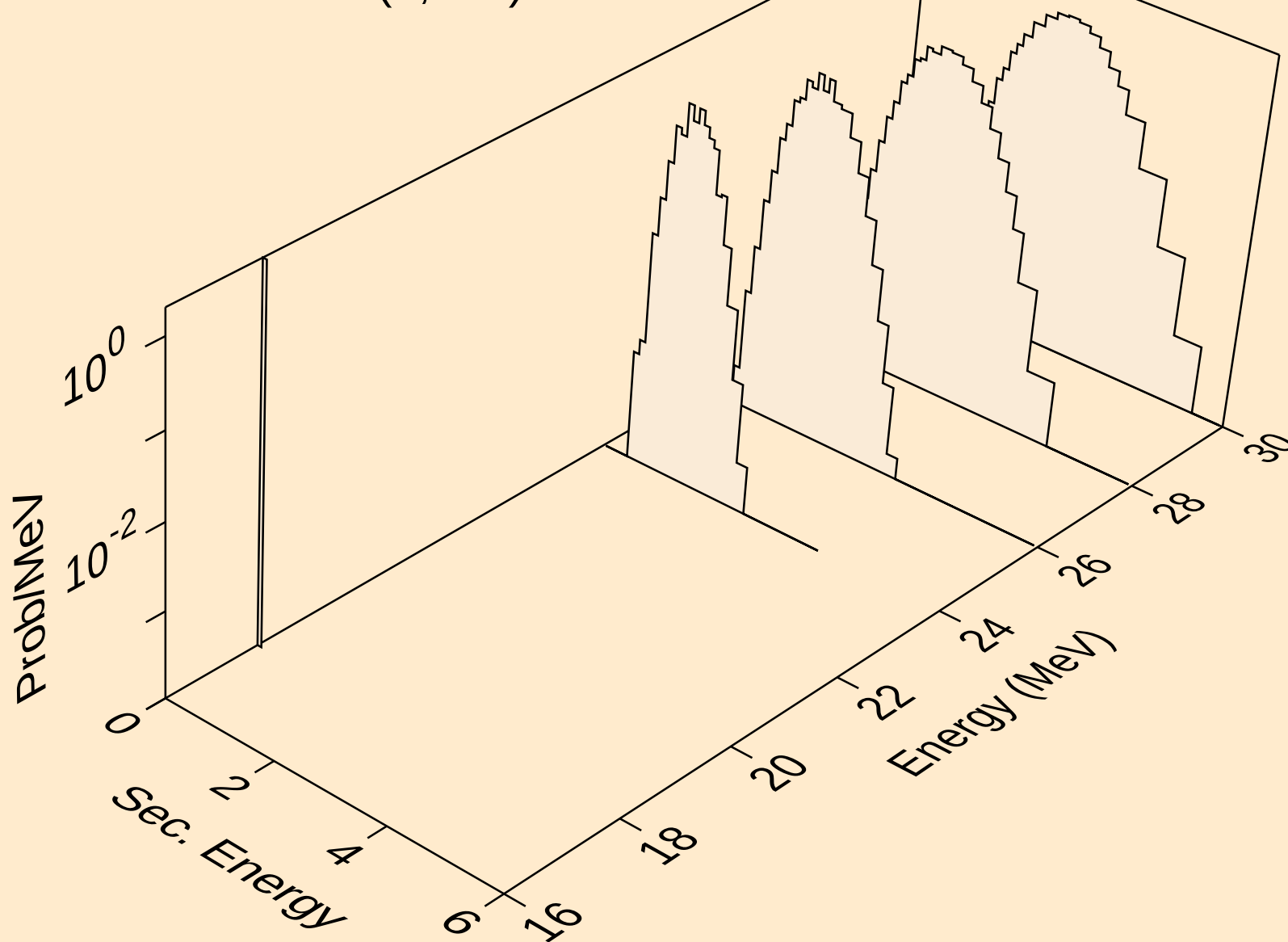
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



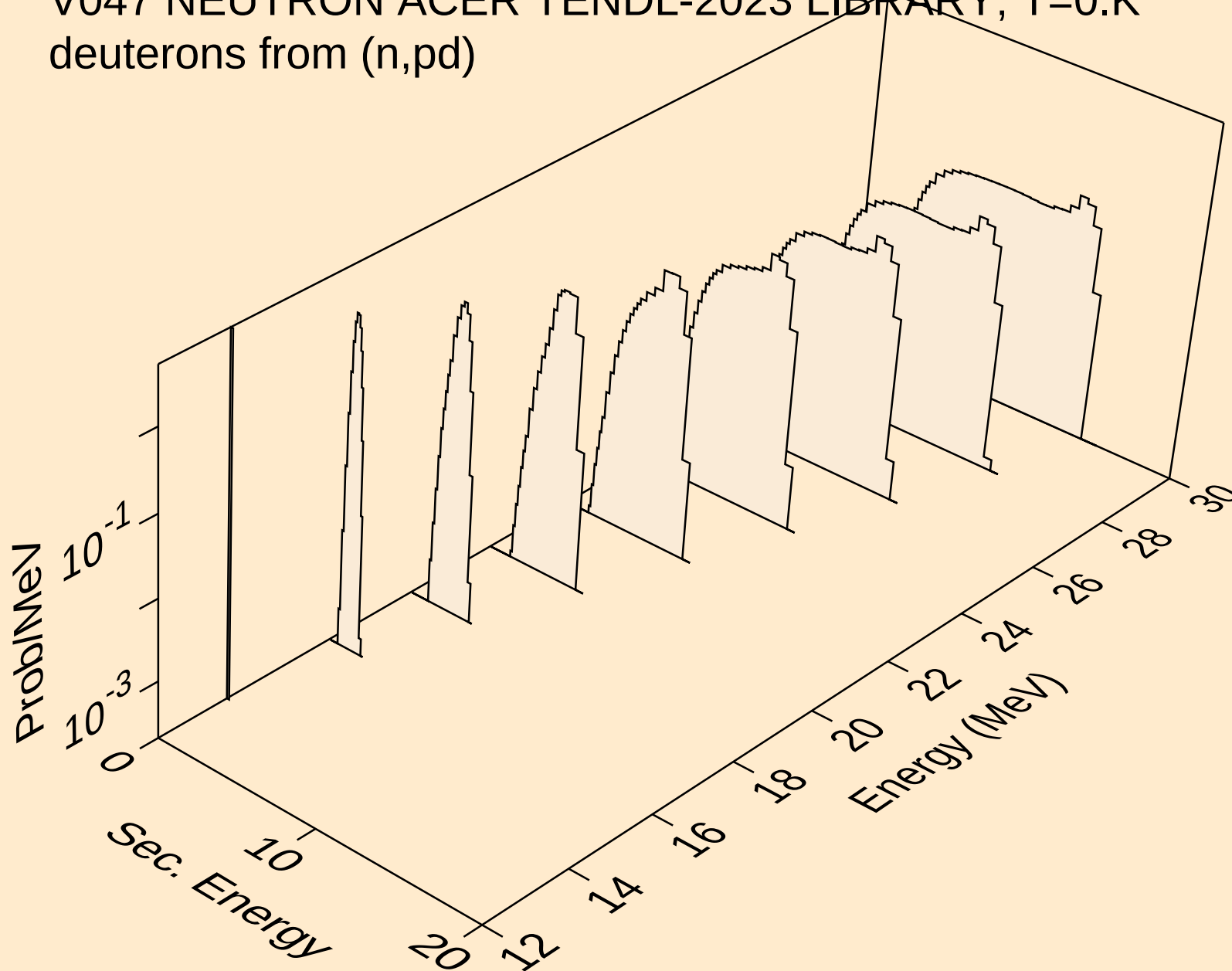
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,d)



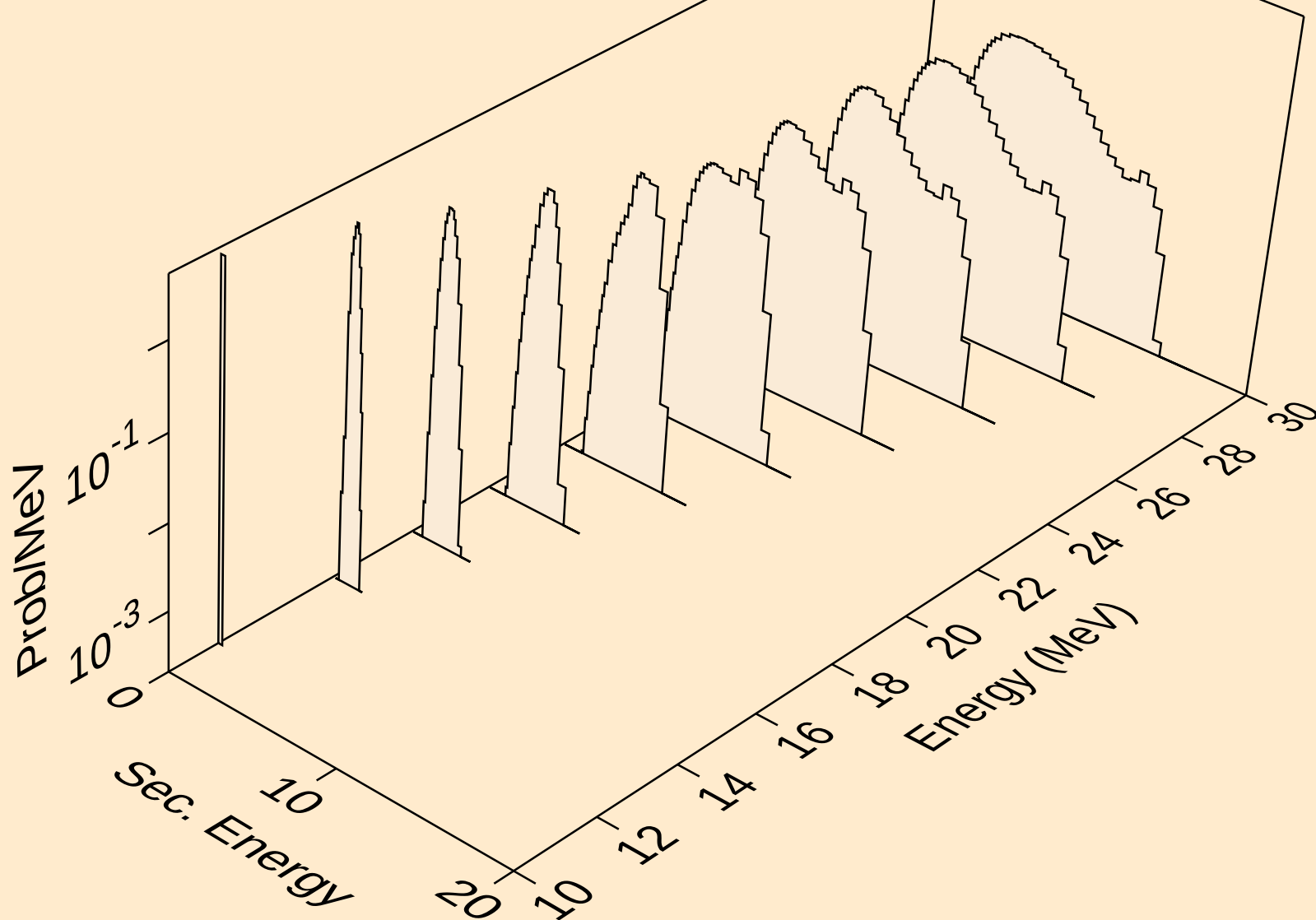
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,d2a)



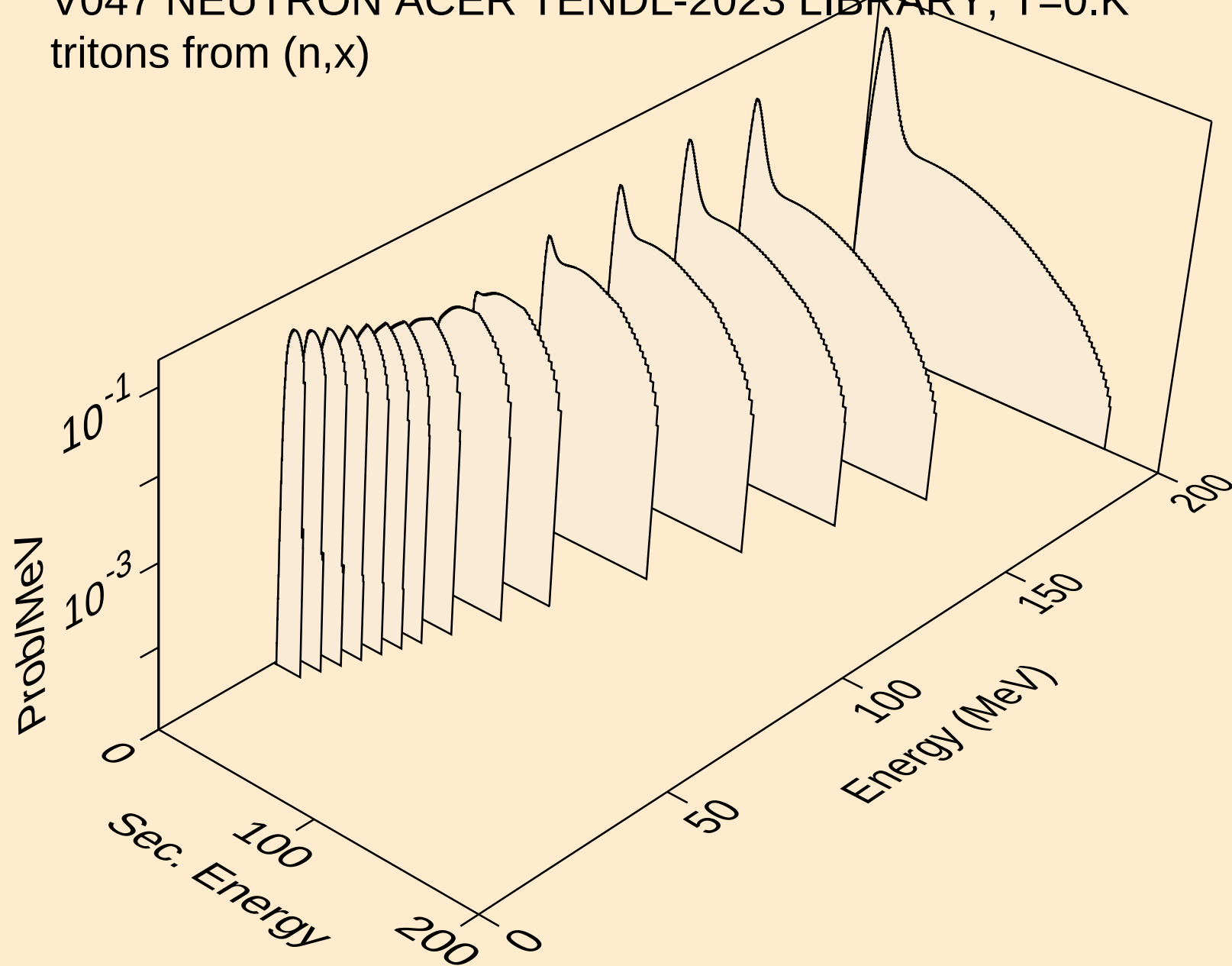
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deuterons from (n,pd)



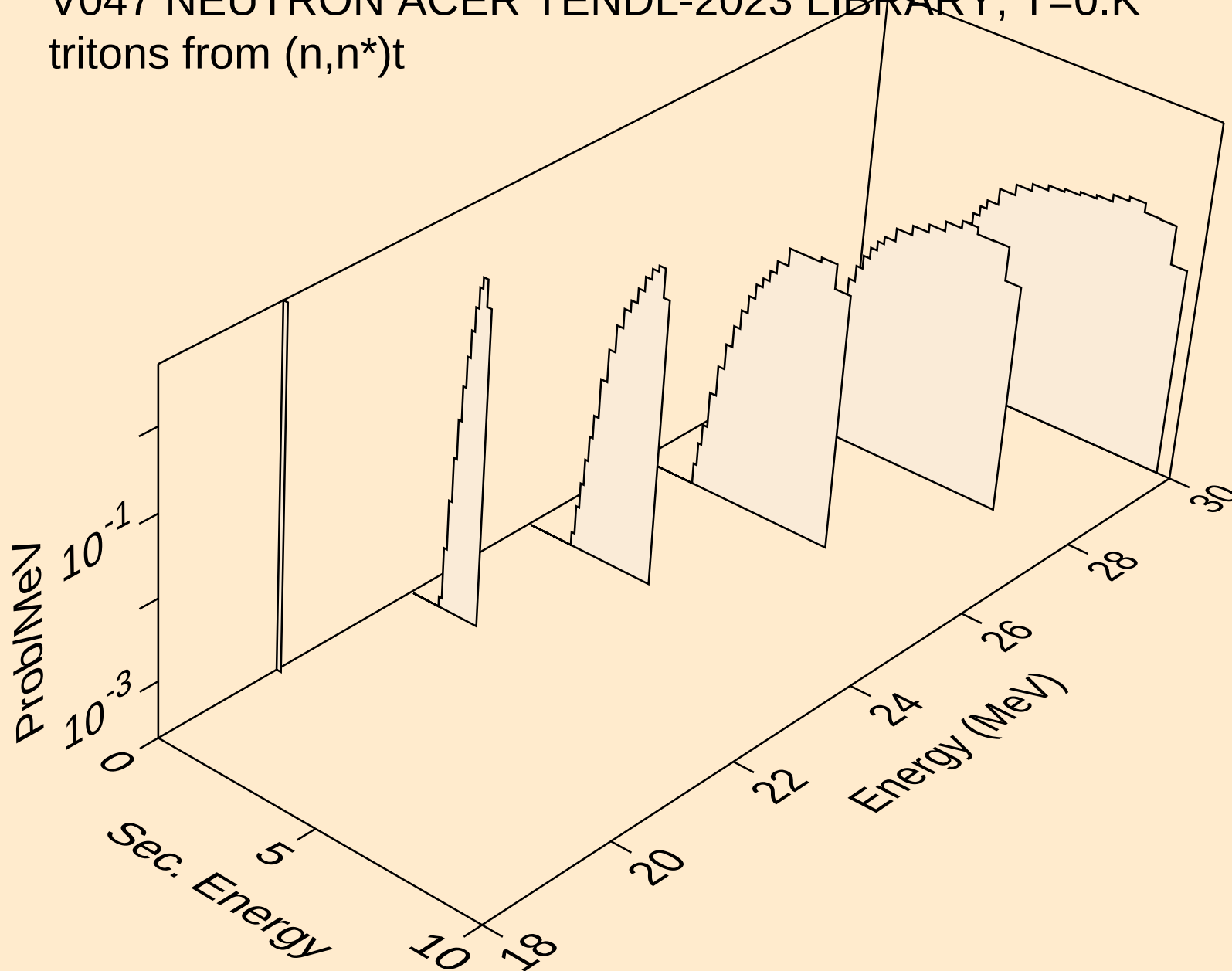
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deuterons from (n,da)



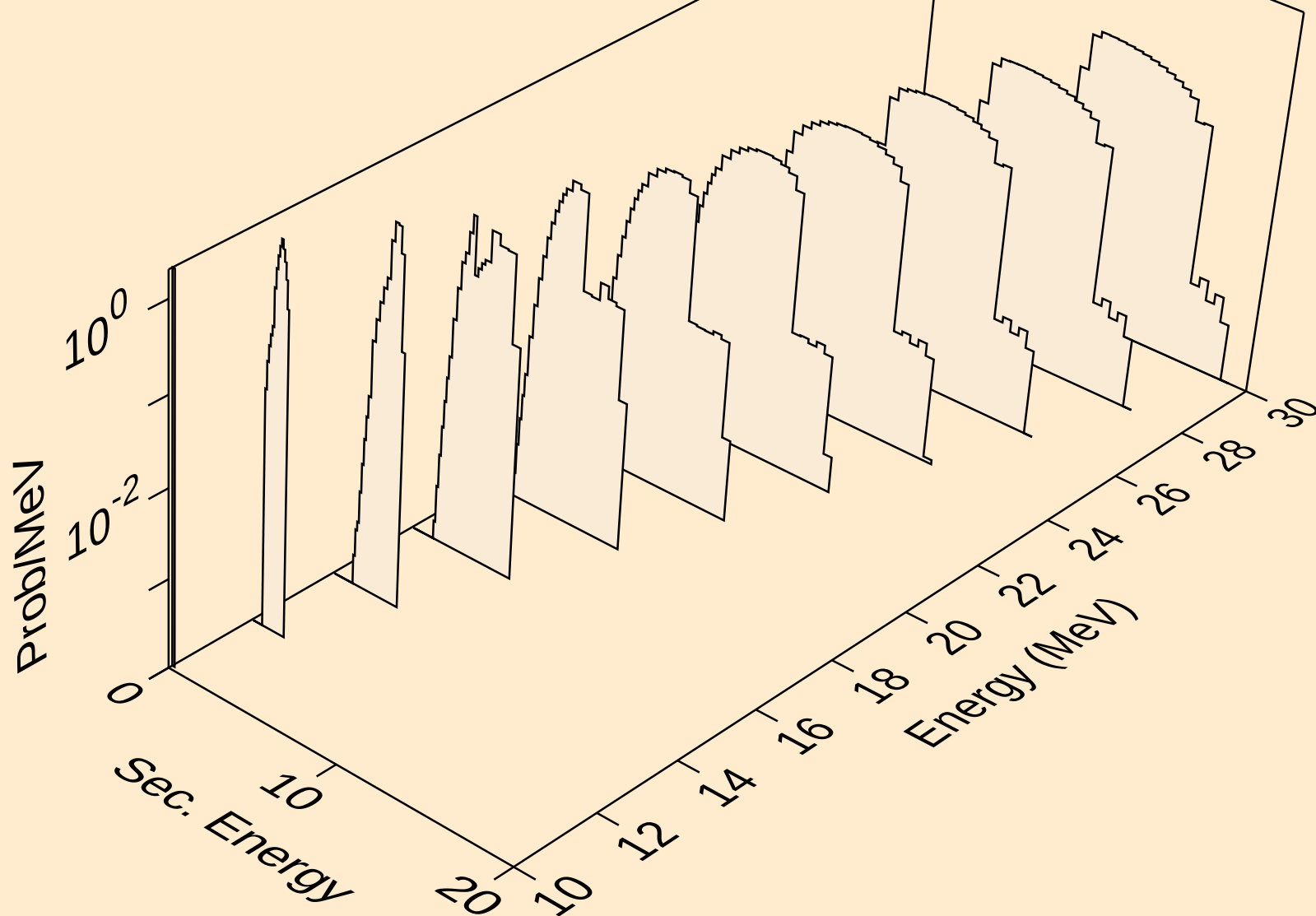
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



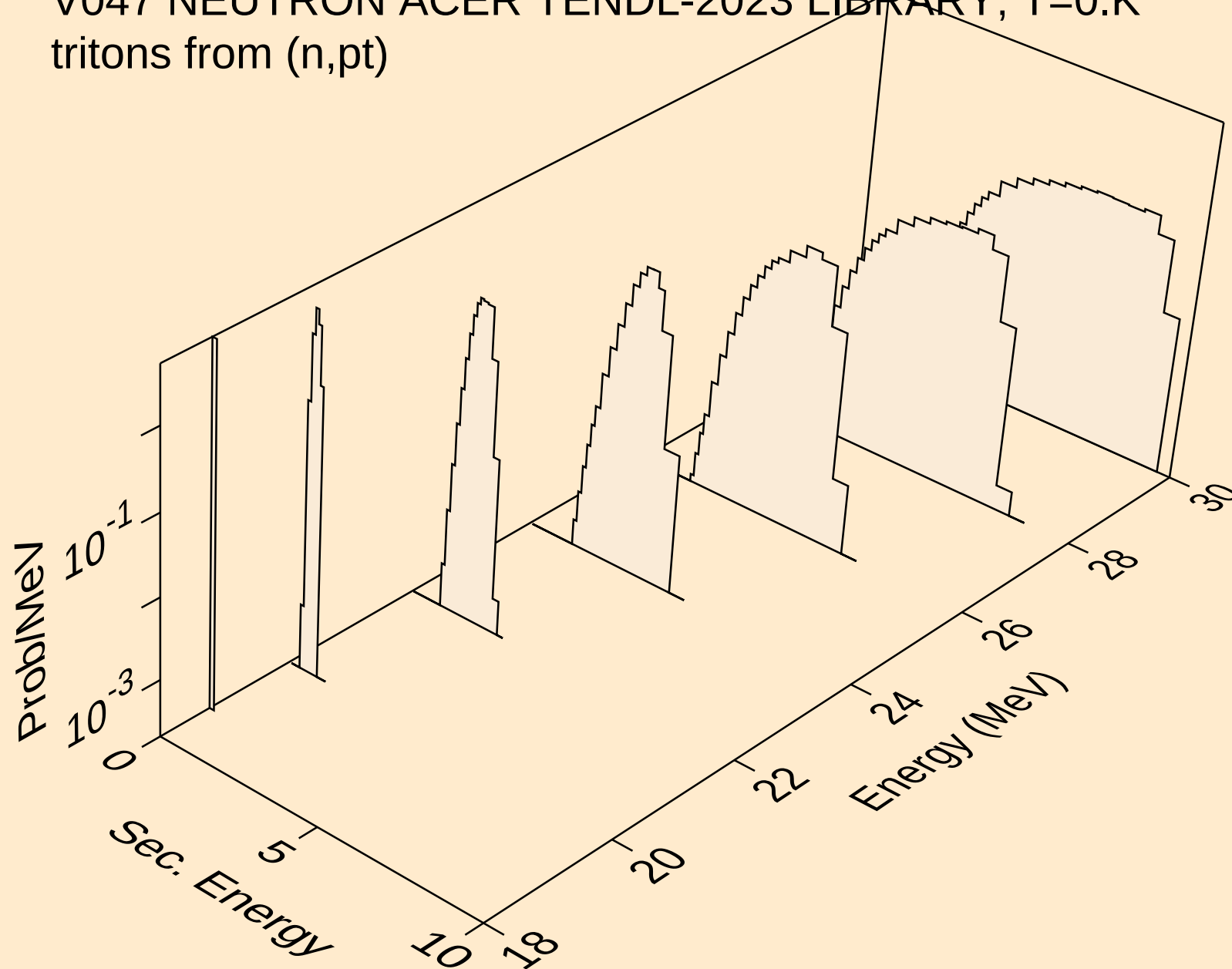
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



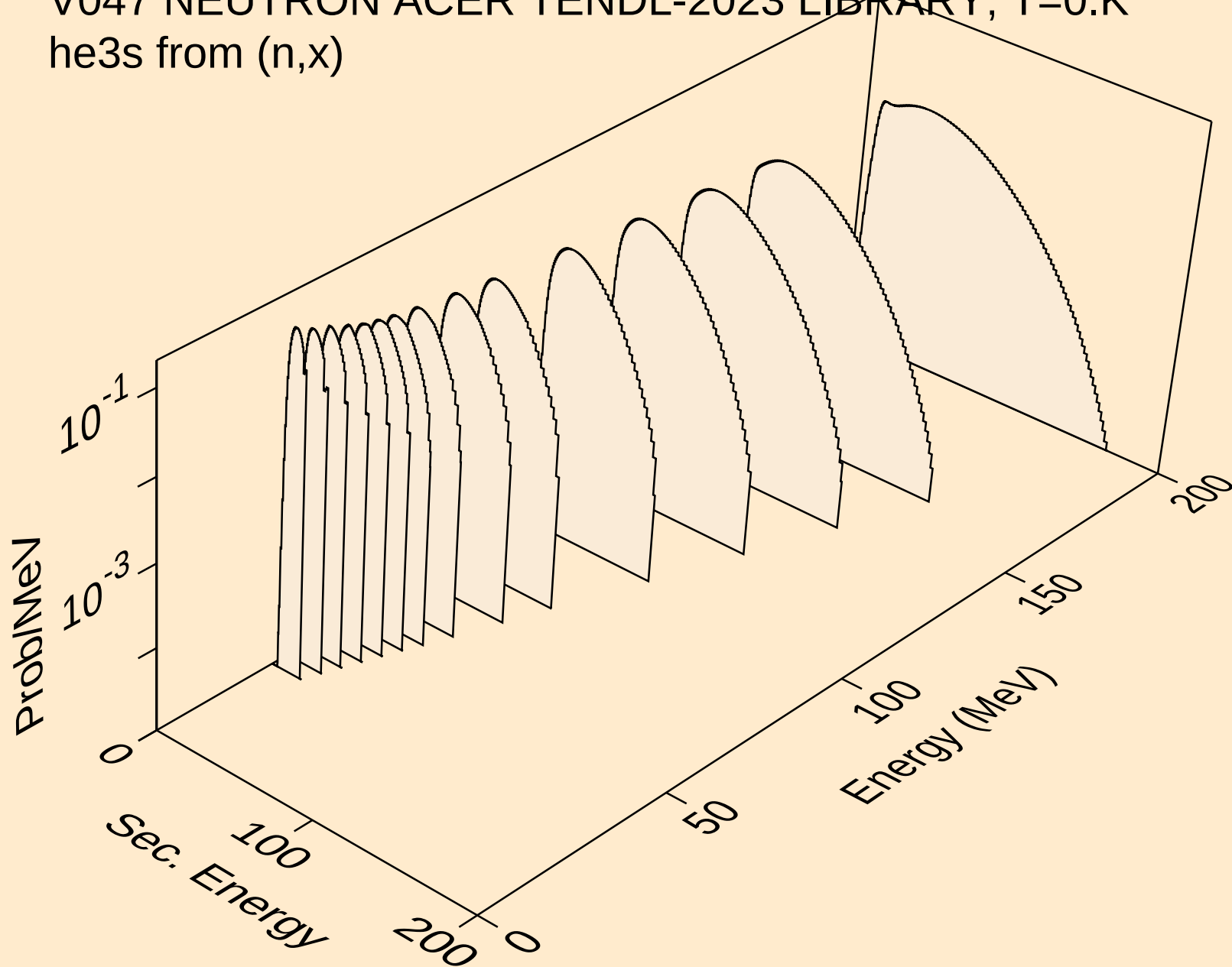
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tritons from (n,t)



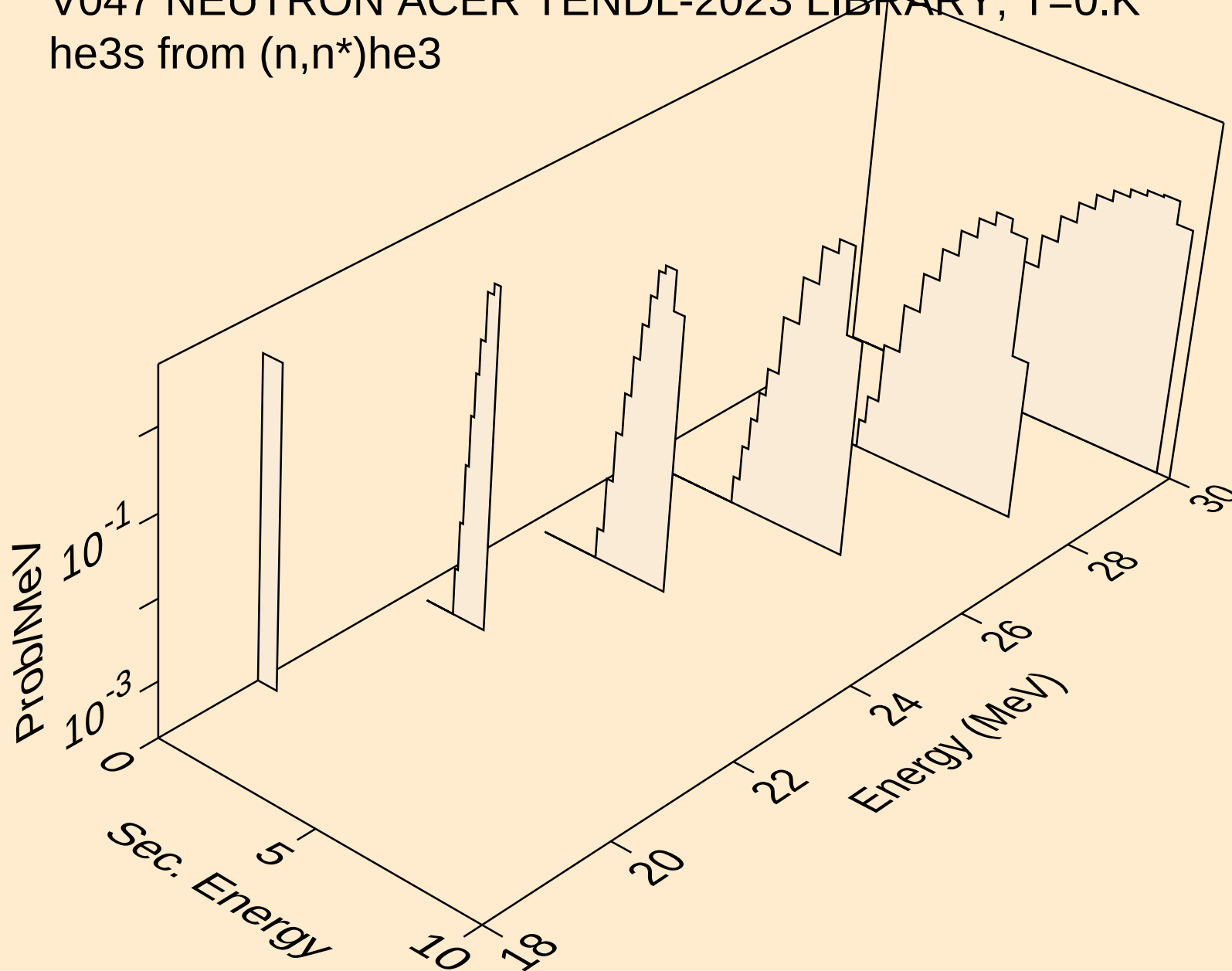
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,pt)



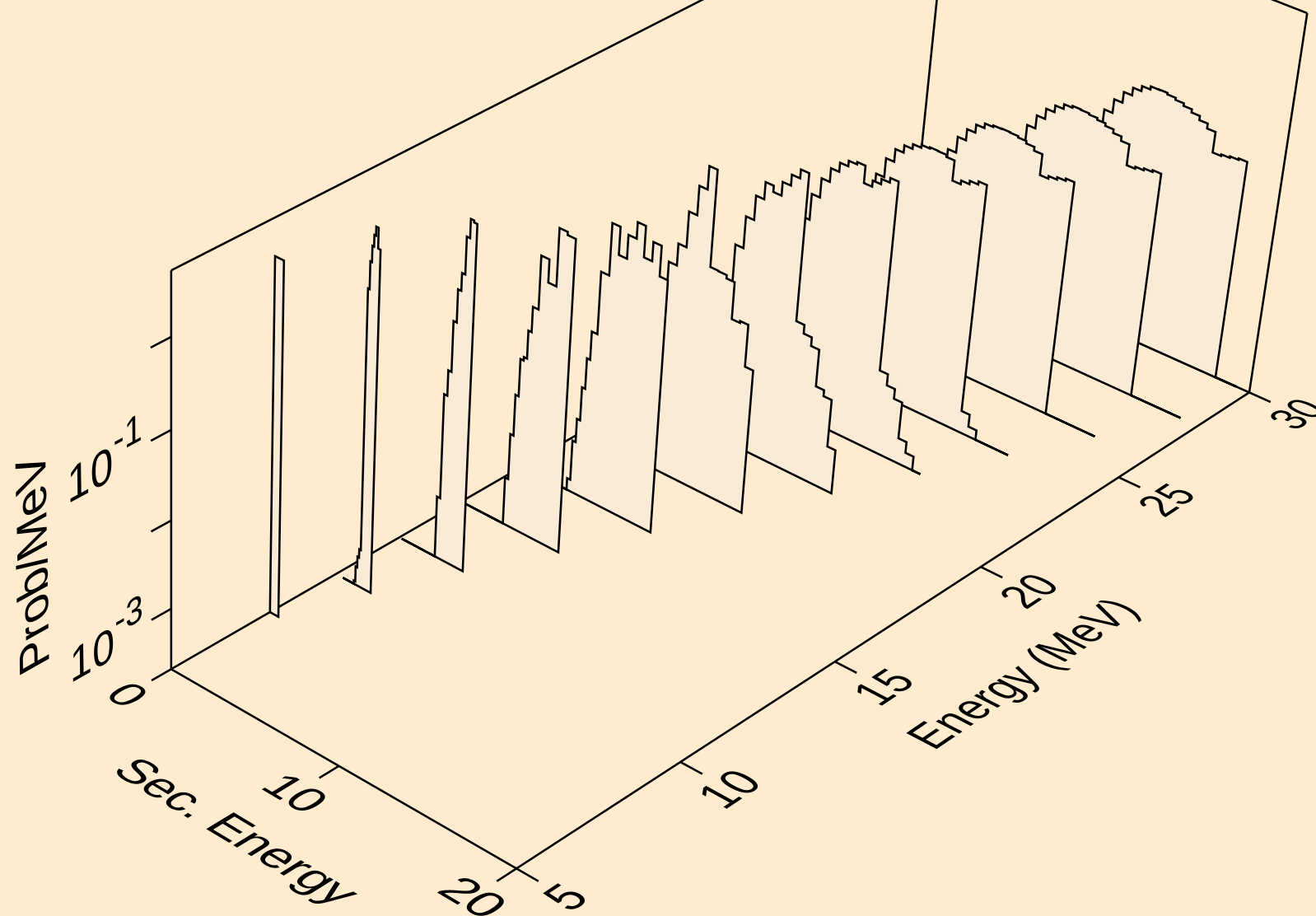
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



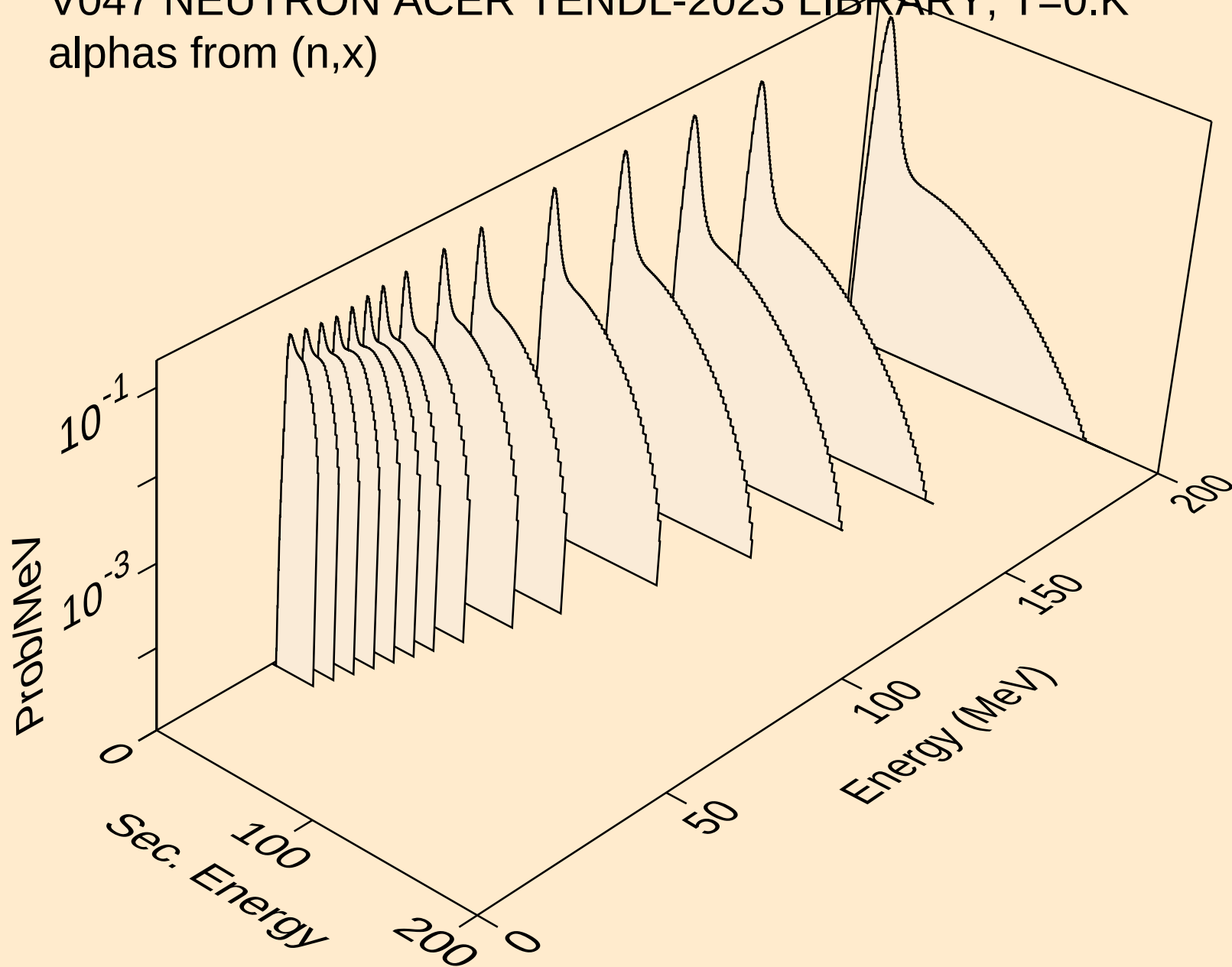
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,n*)he3



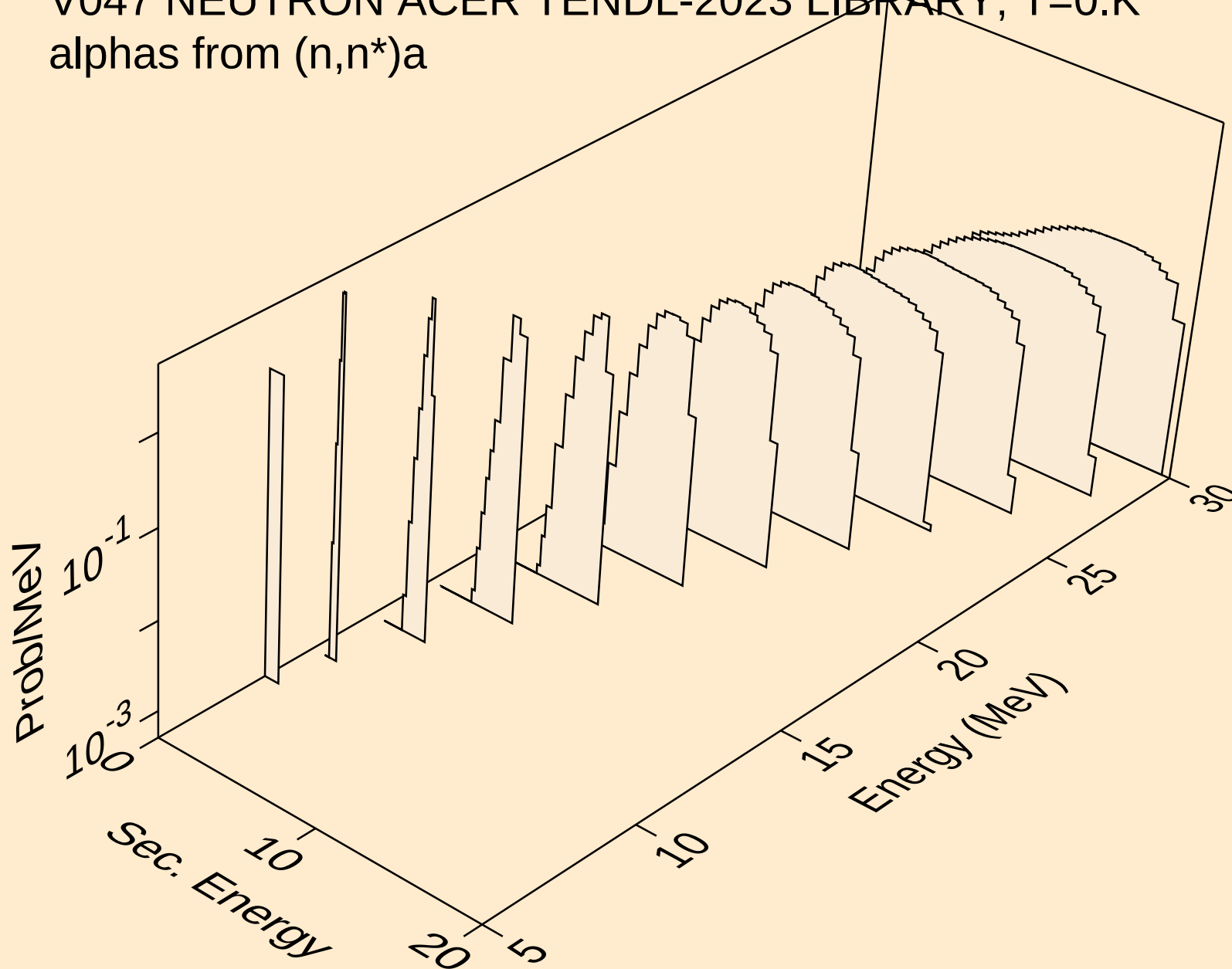
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he3s from (n,he3)



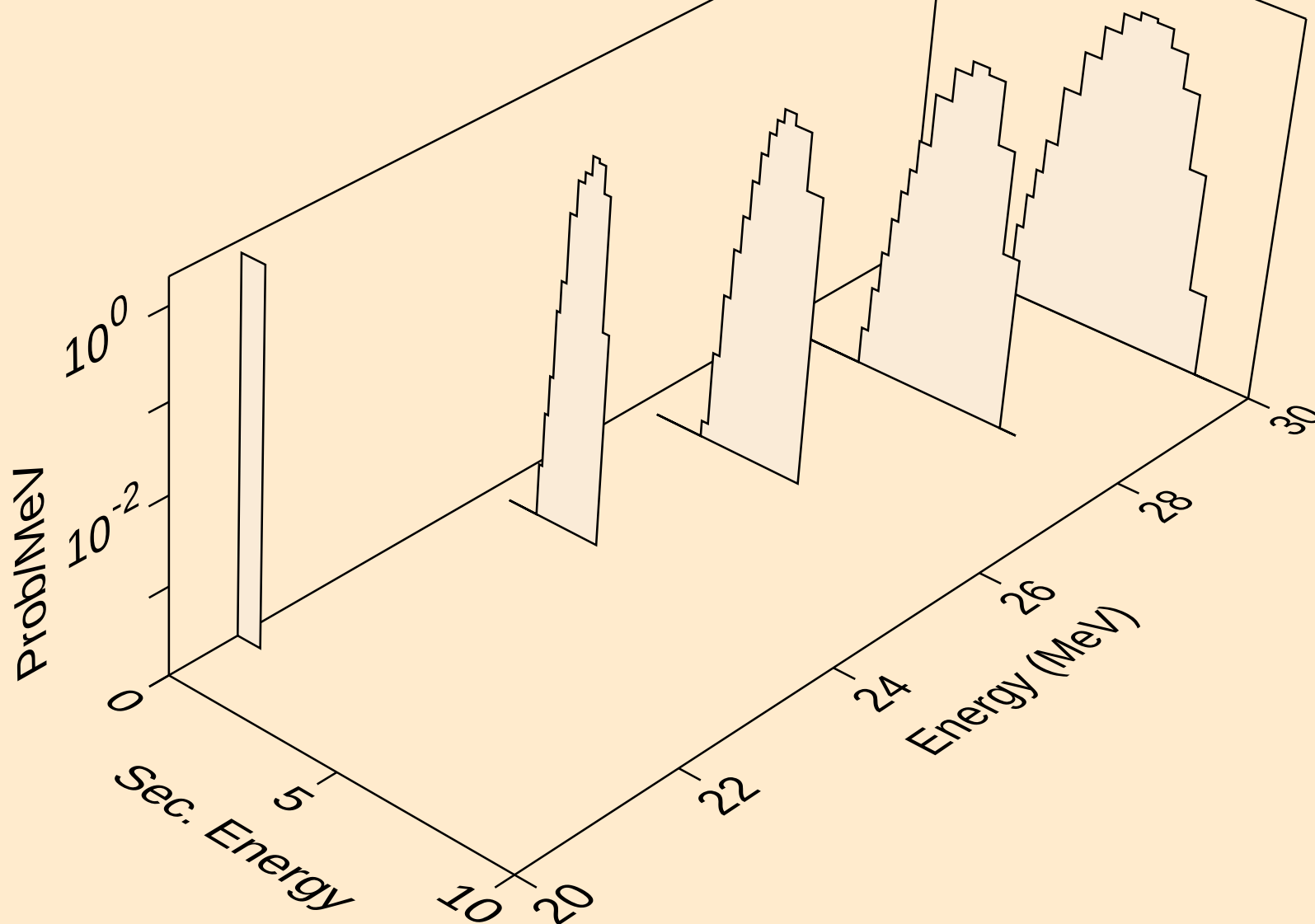
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alphas from (n,x)



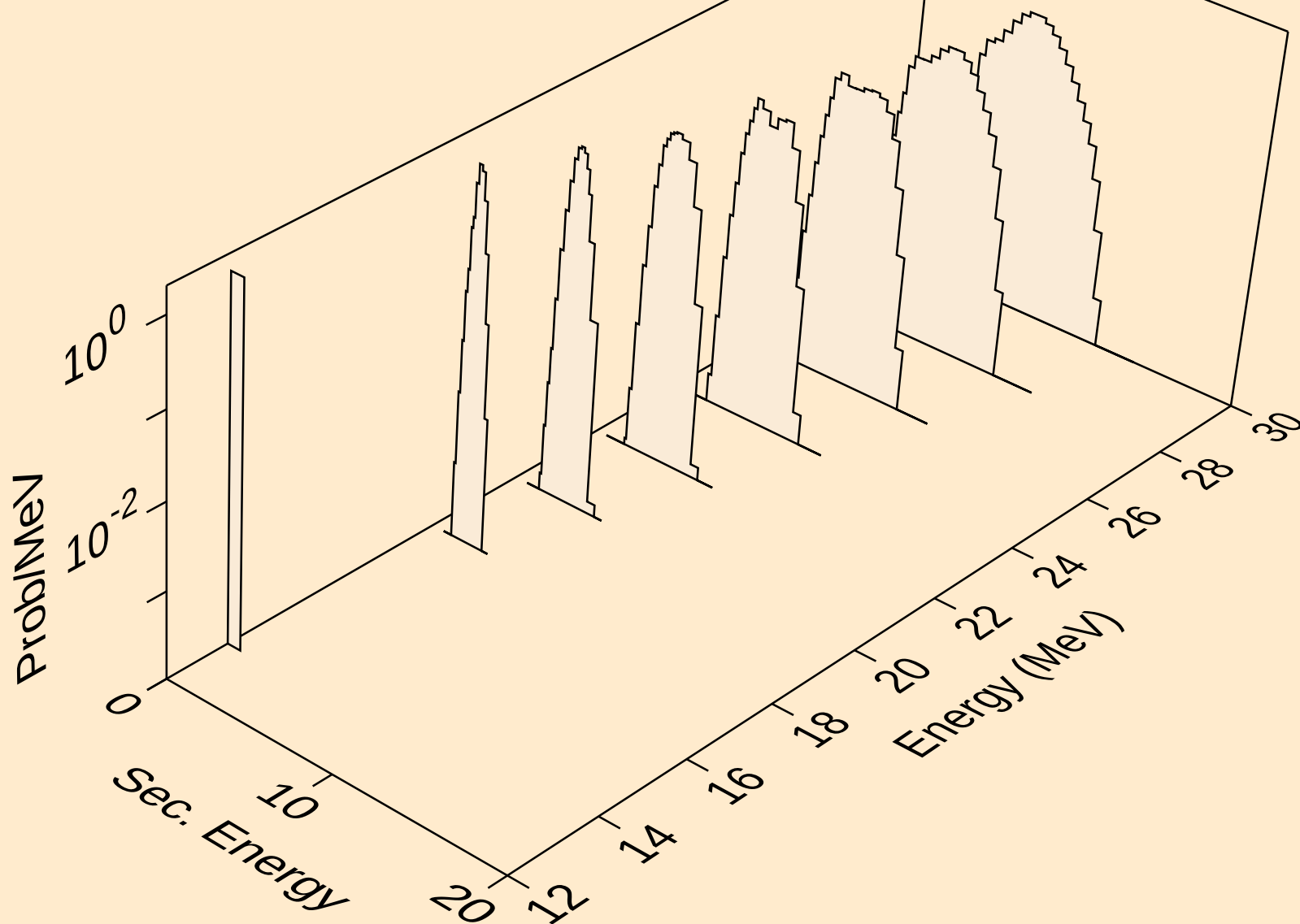
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



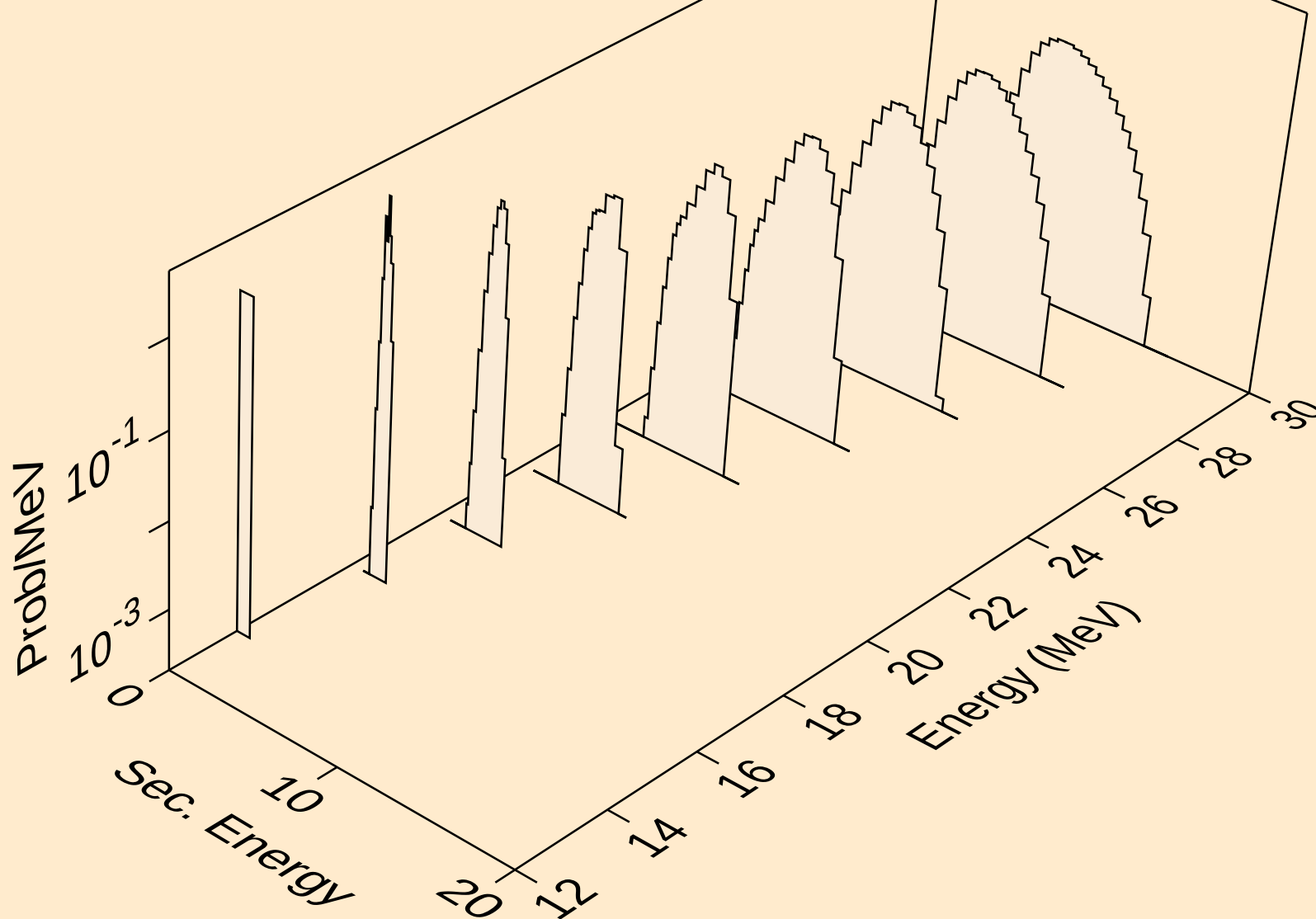
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alphas from (n,2n)a



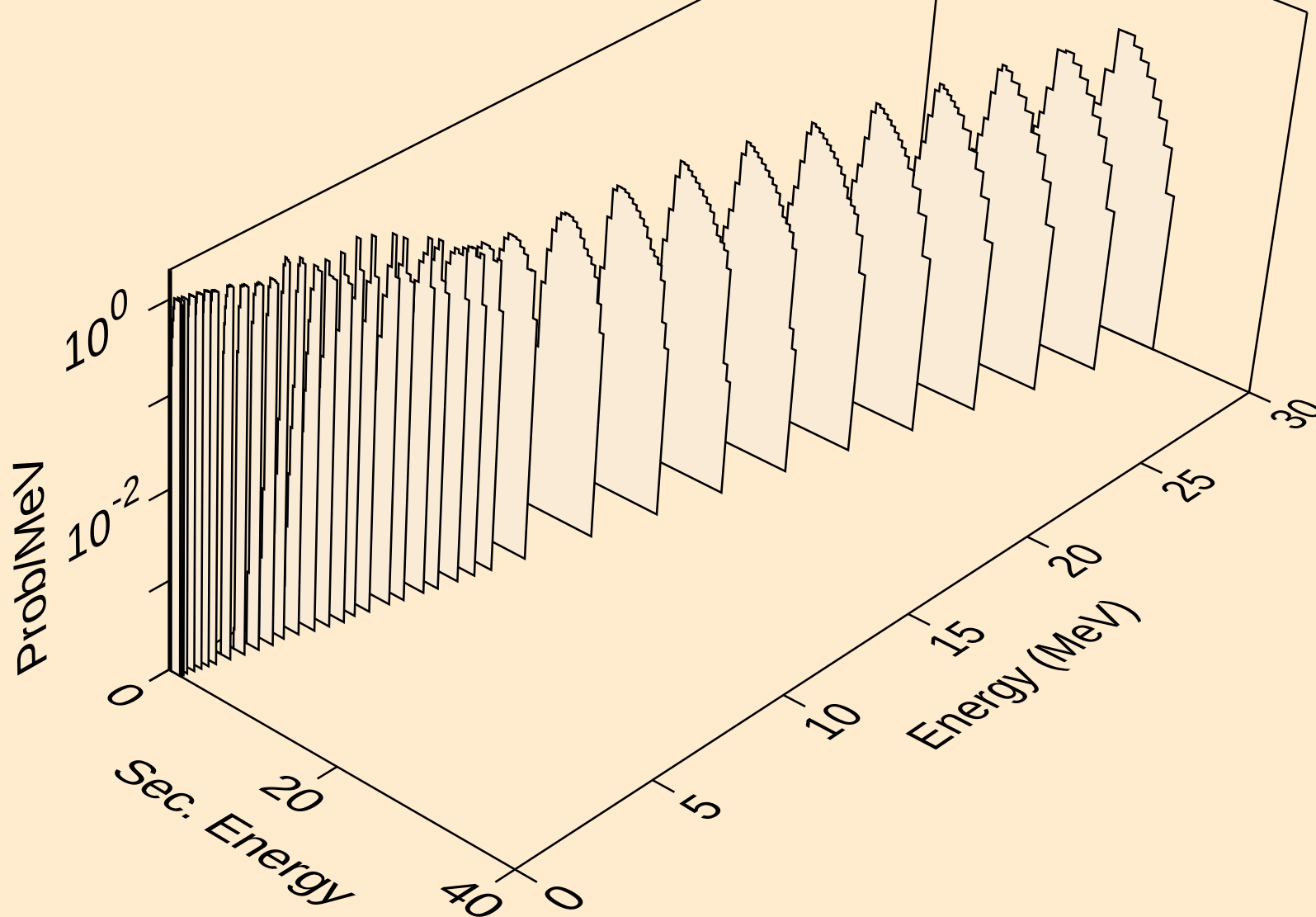
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alphas from (n,n*)2a



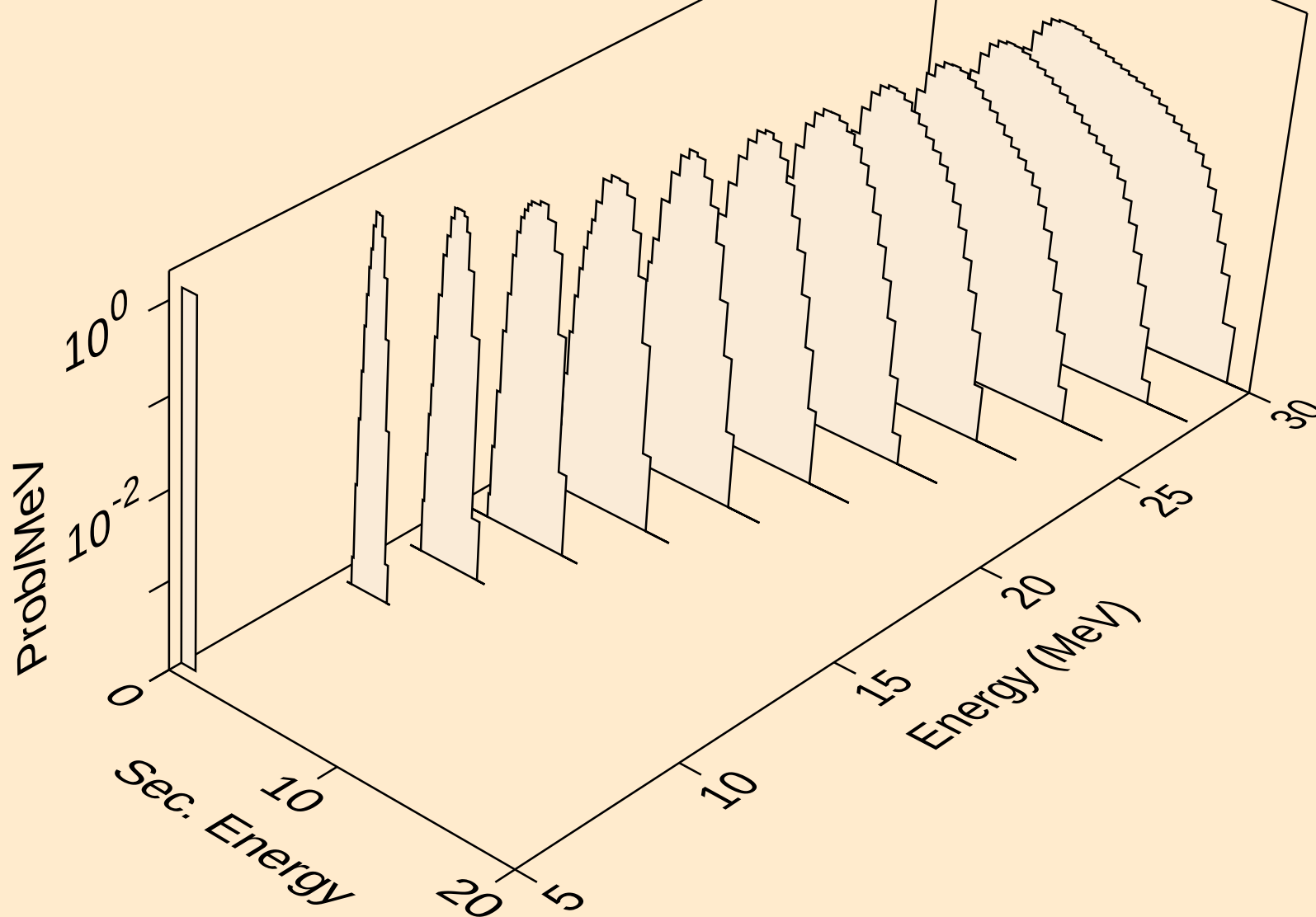
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alphas from (n,npa)



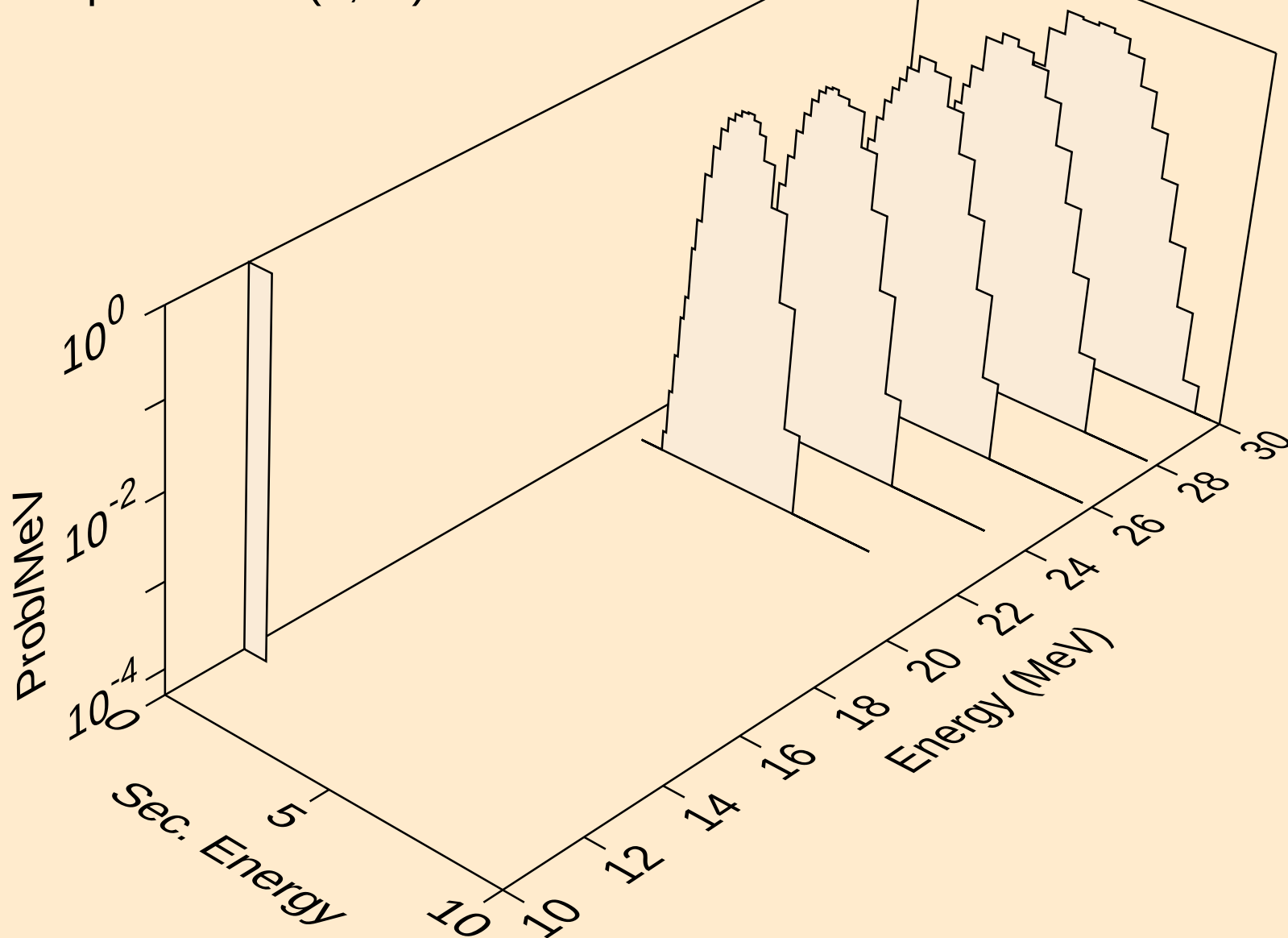
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alphas from (n,a)



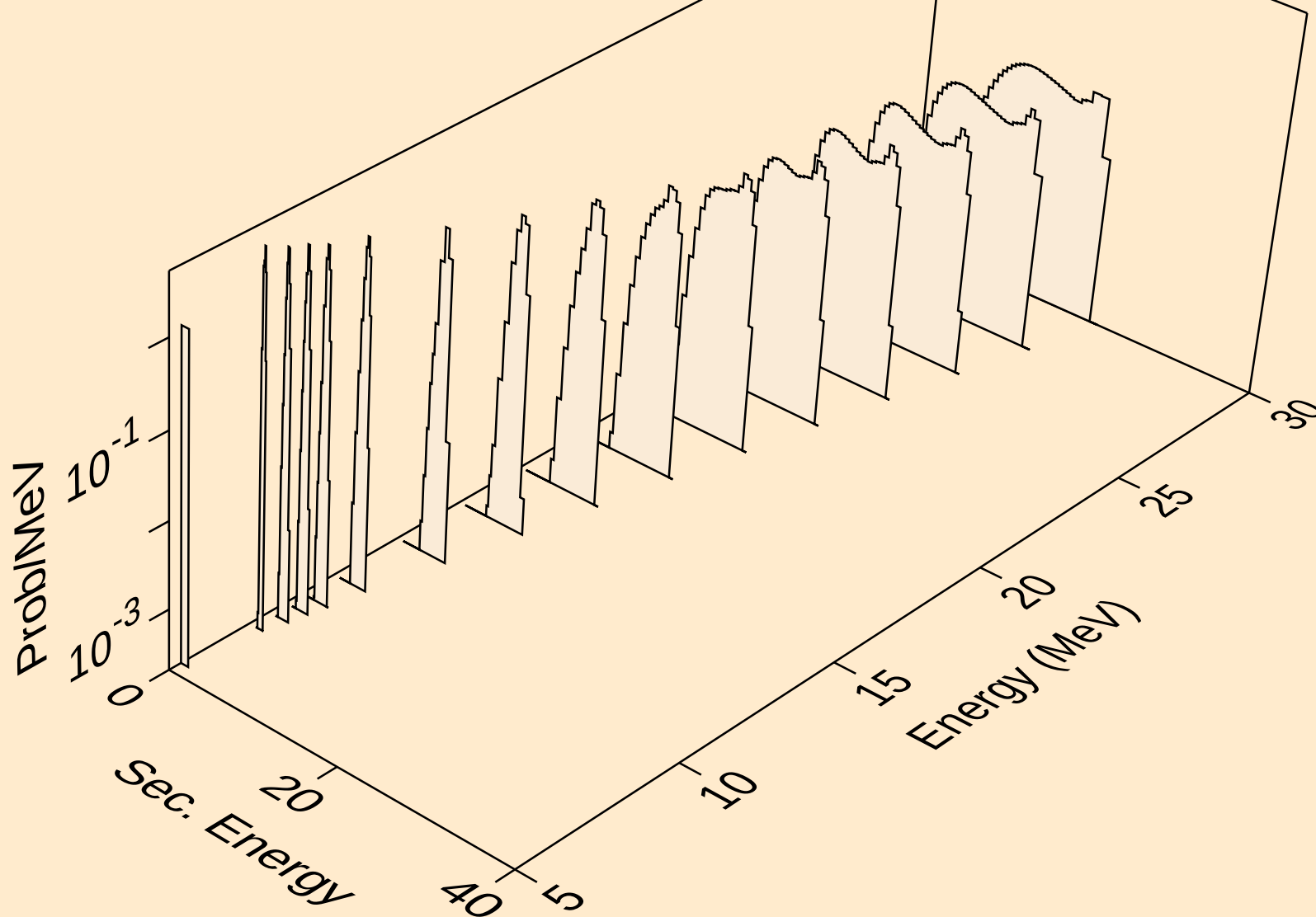
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



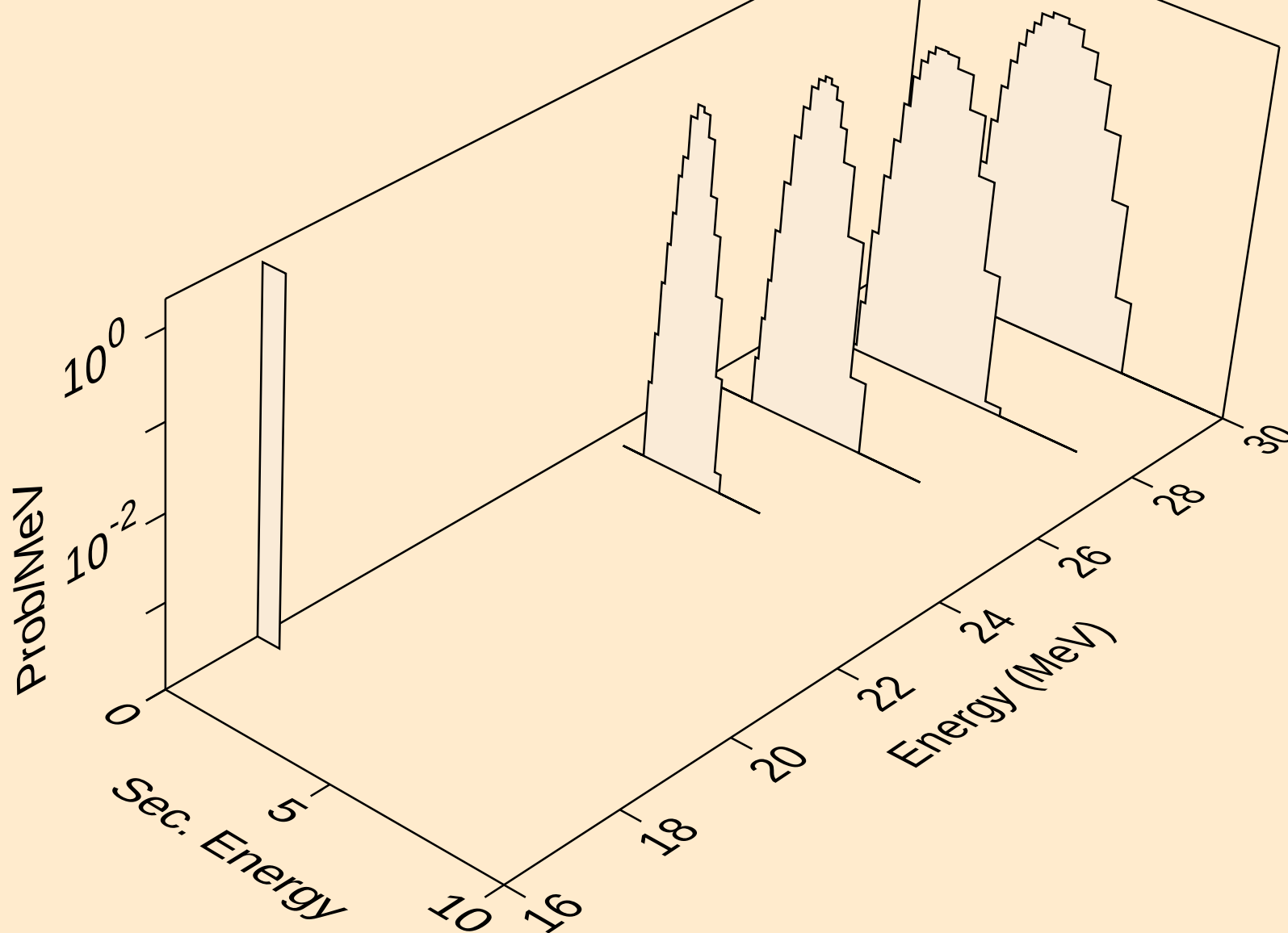
V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3a)



V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)



V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,d2a)



V047 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

