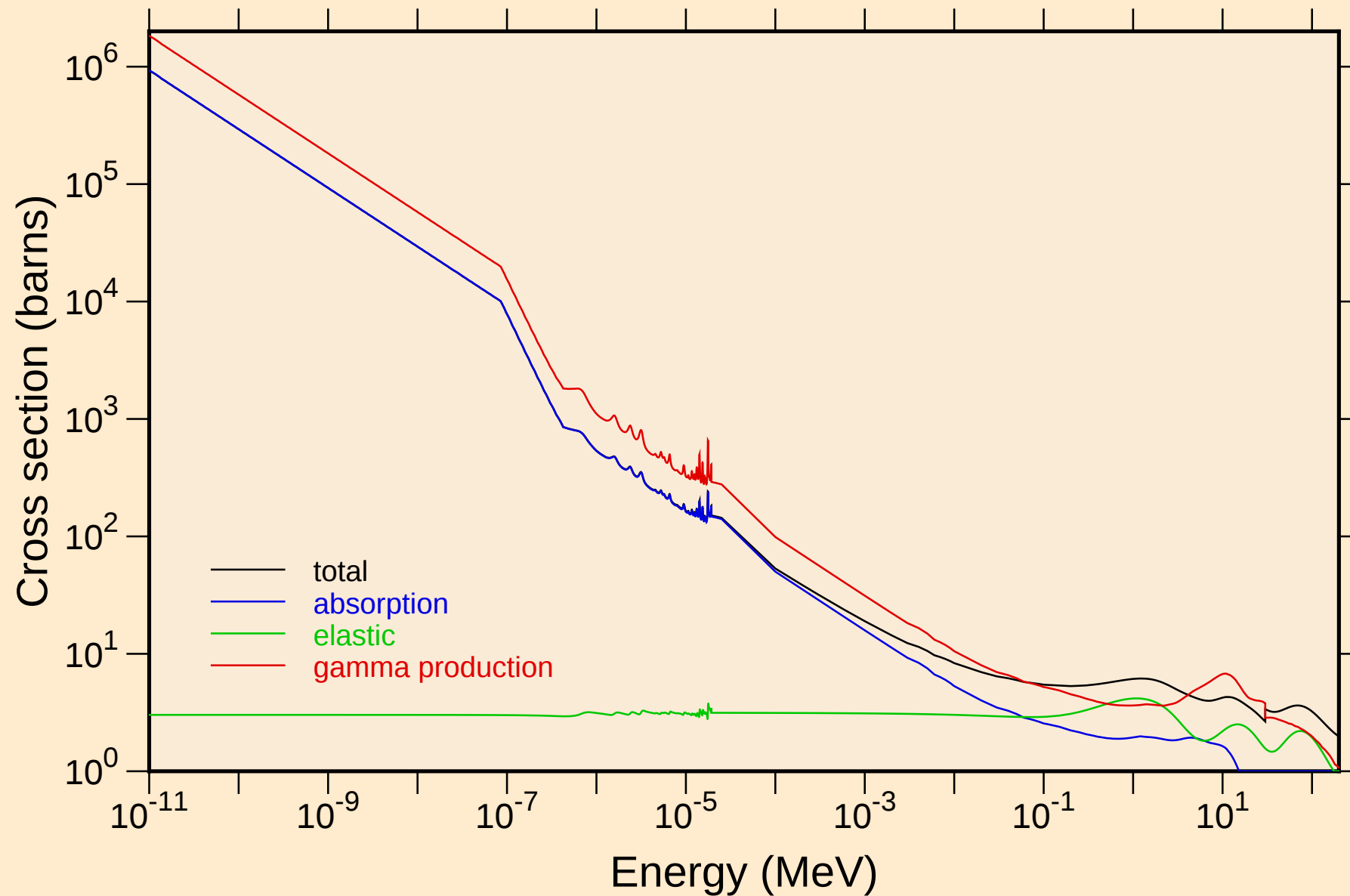
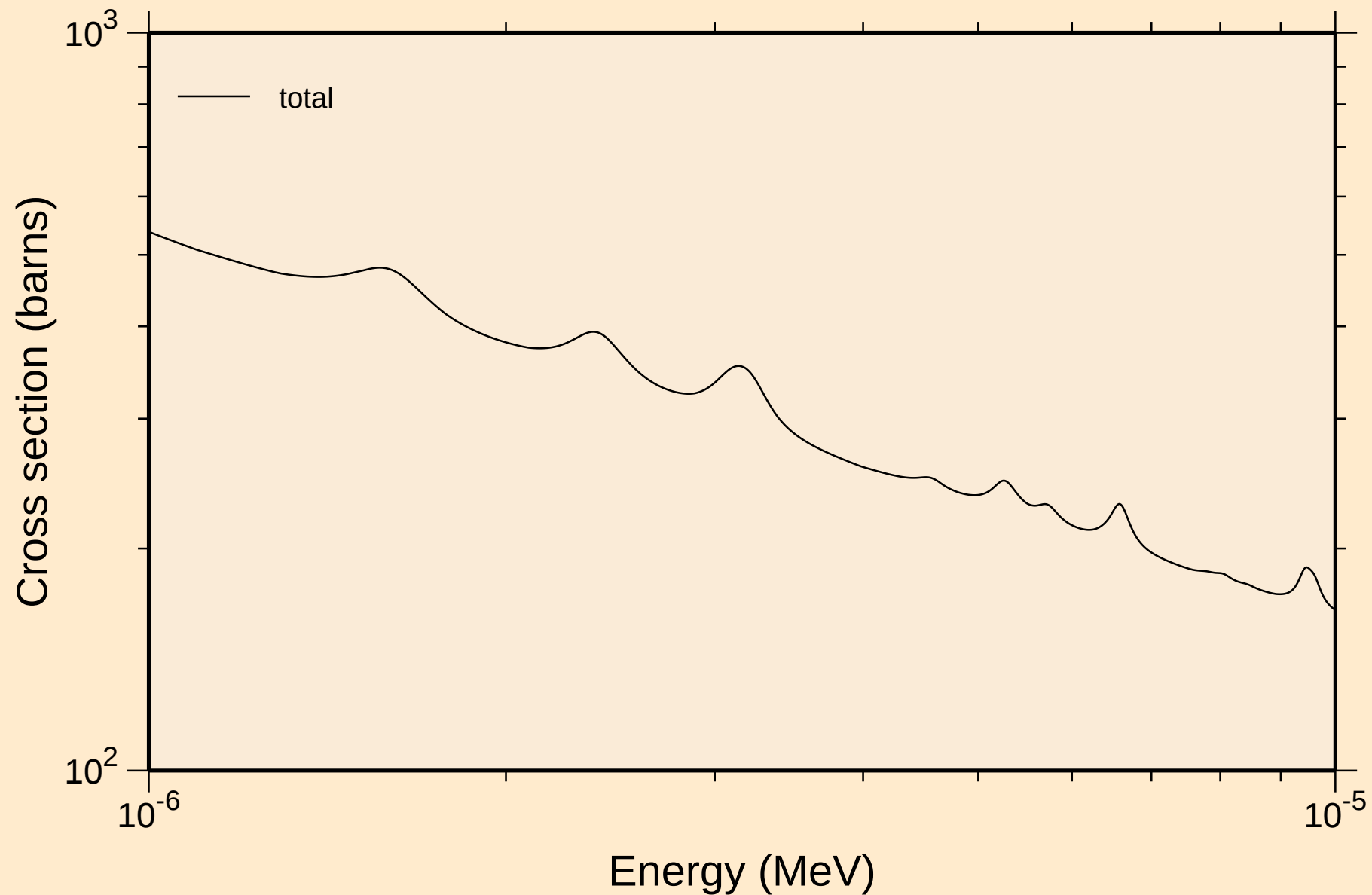


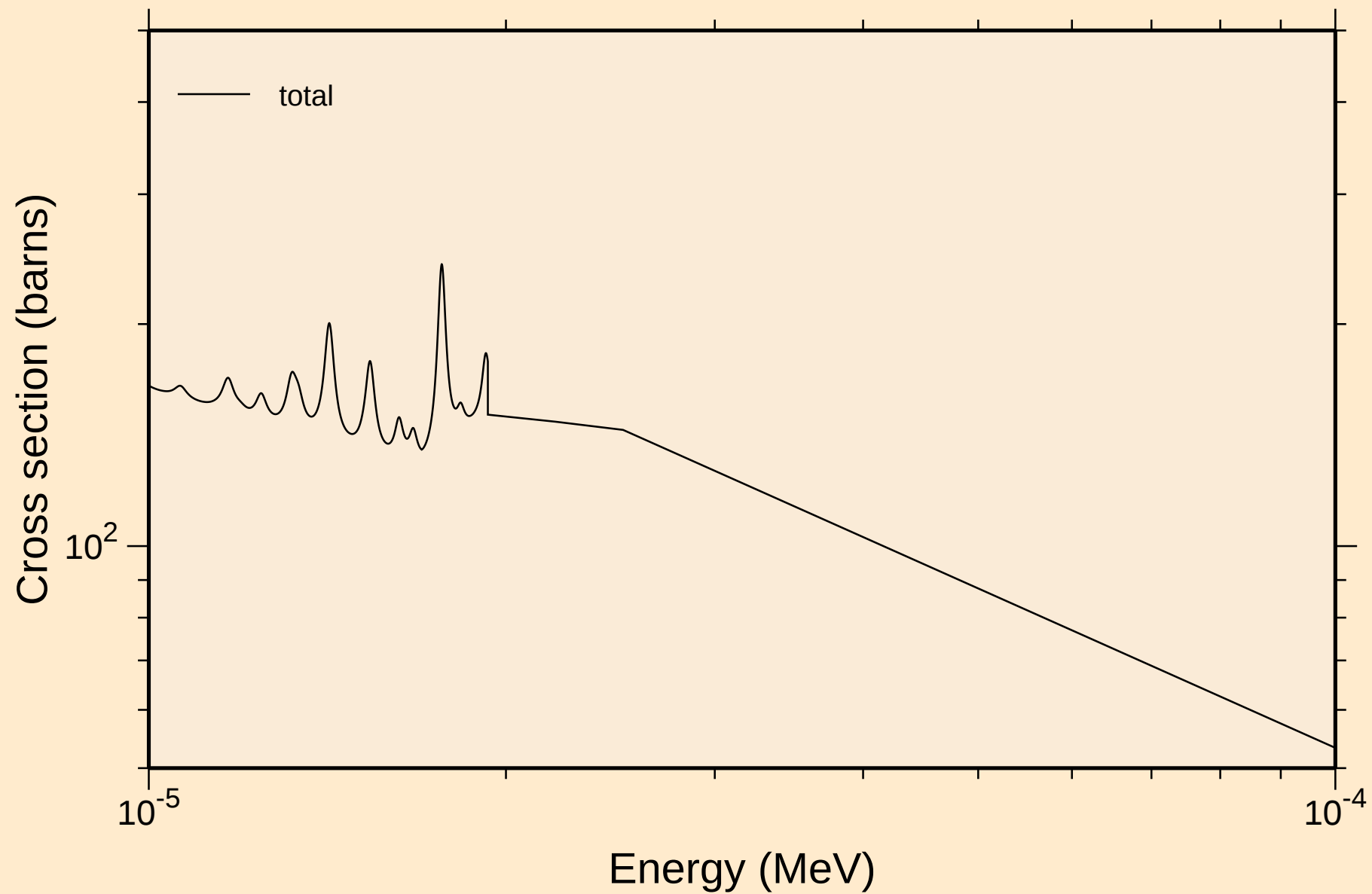
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Principal cross sections



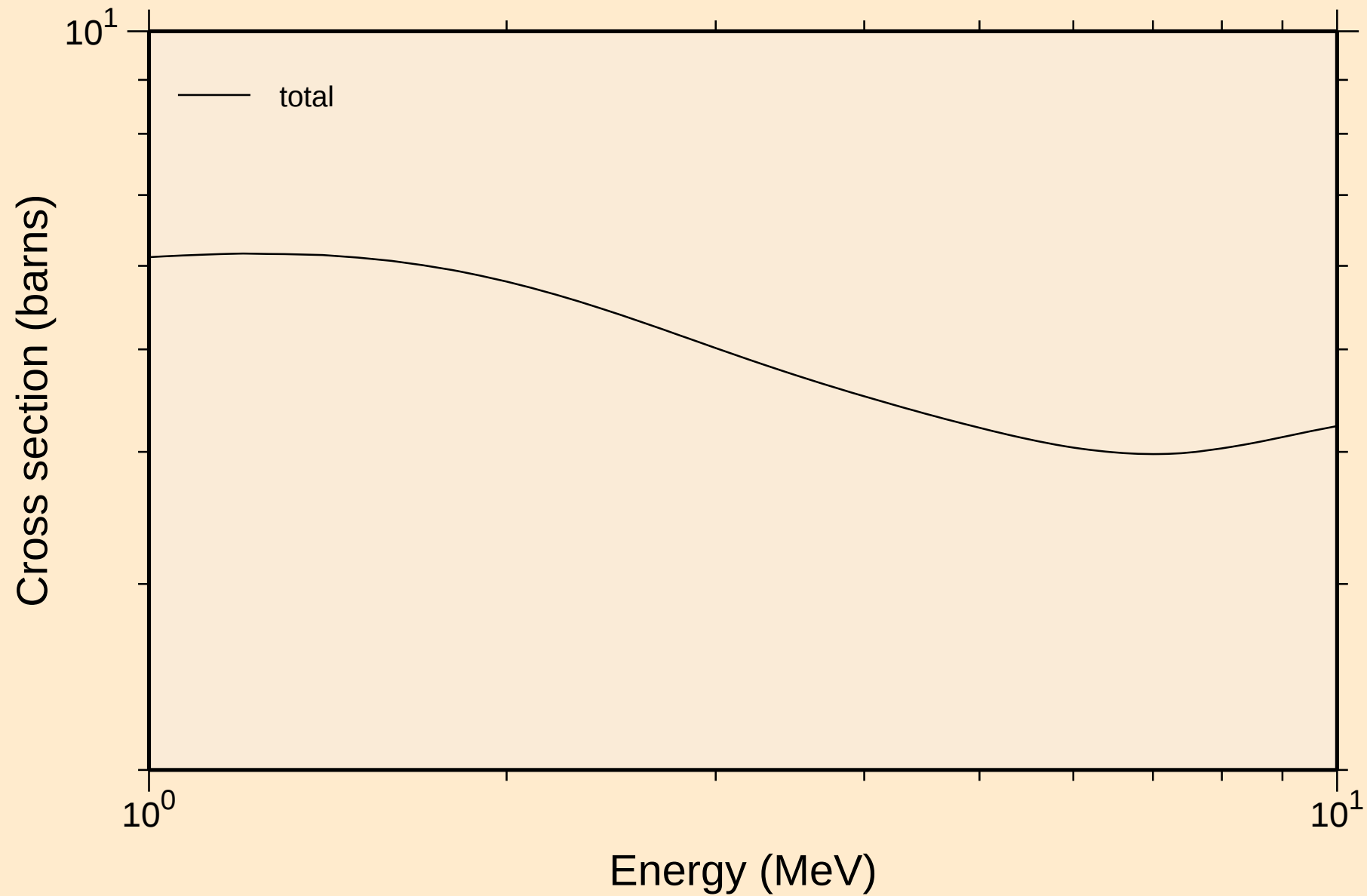
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



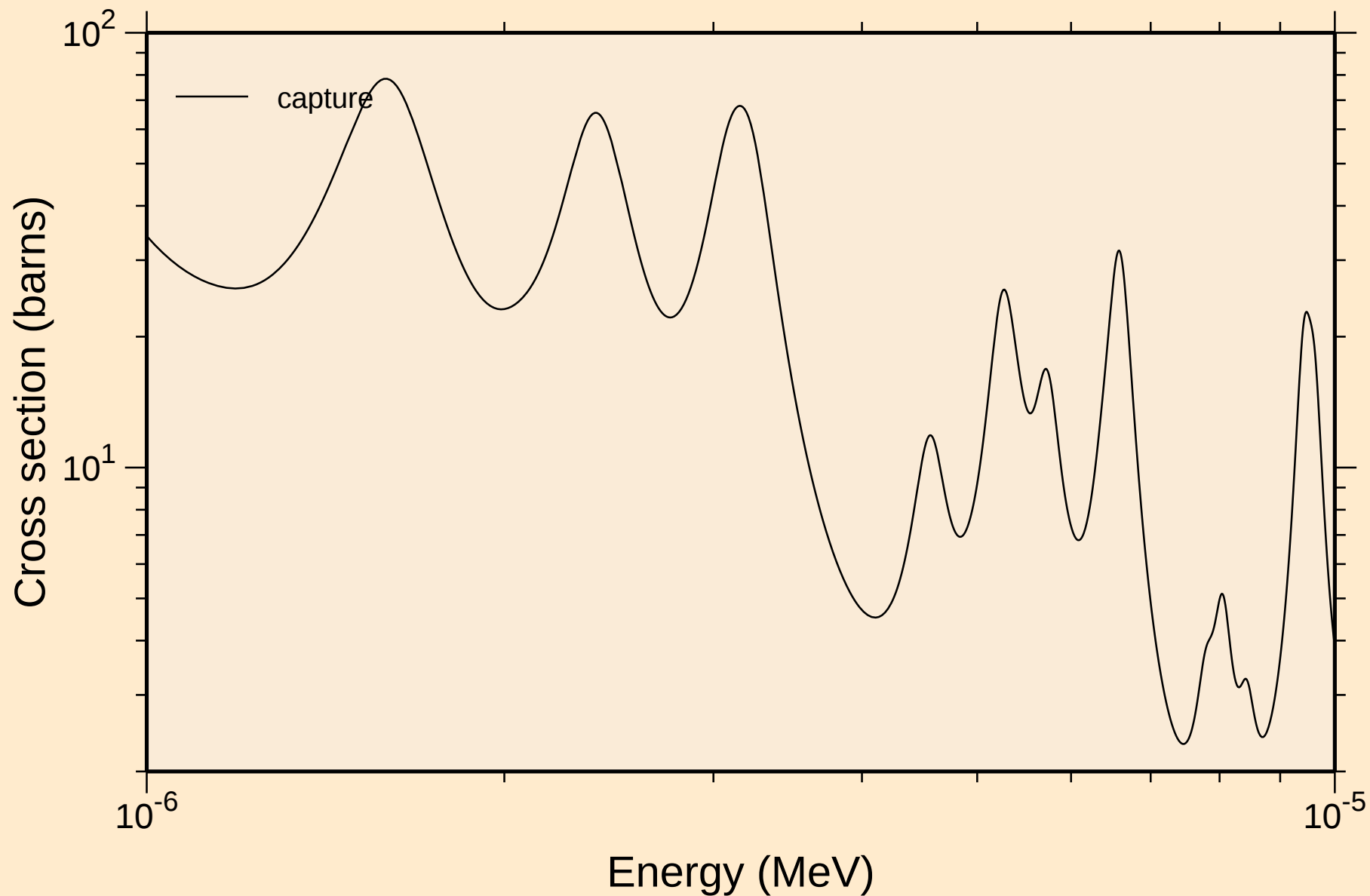
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



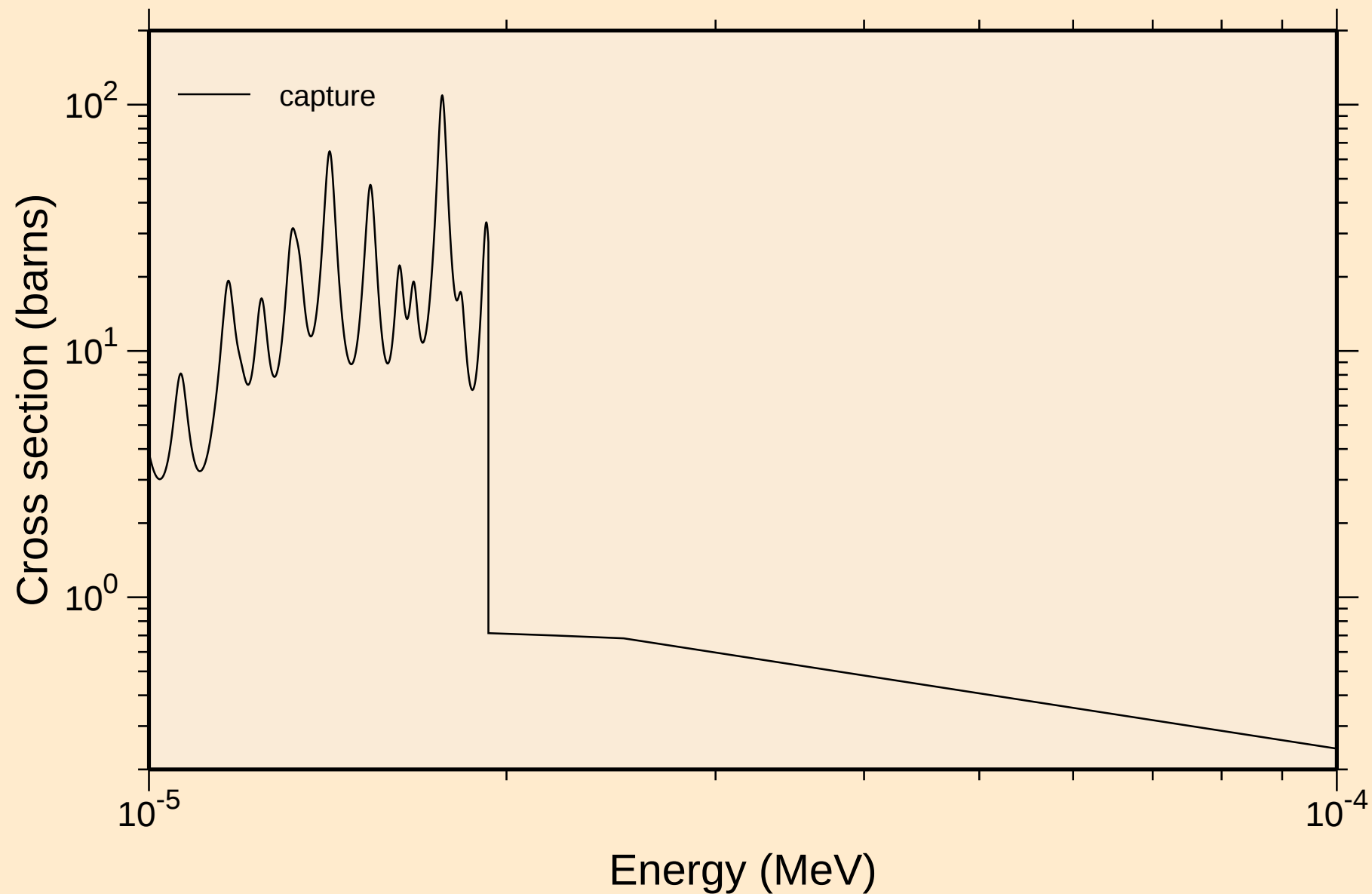
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resonance total cross section



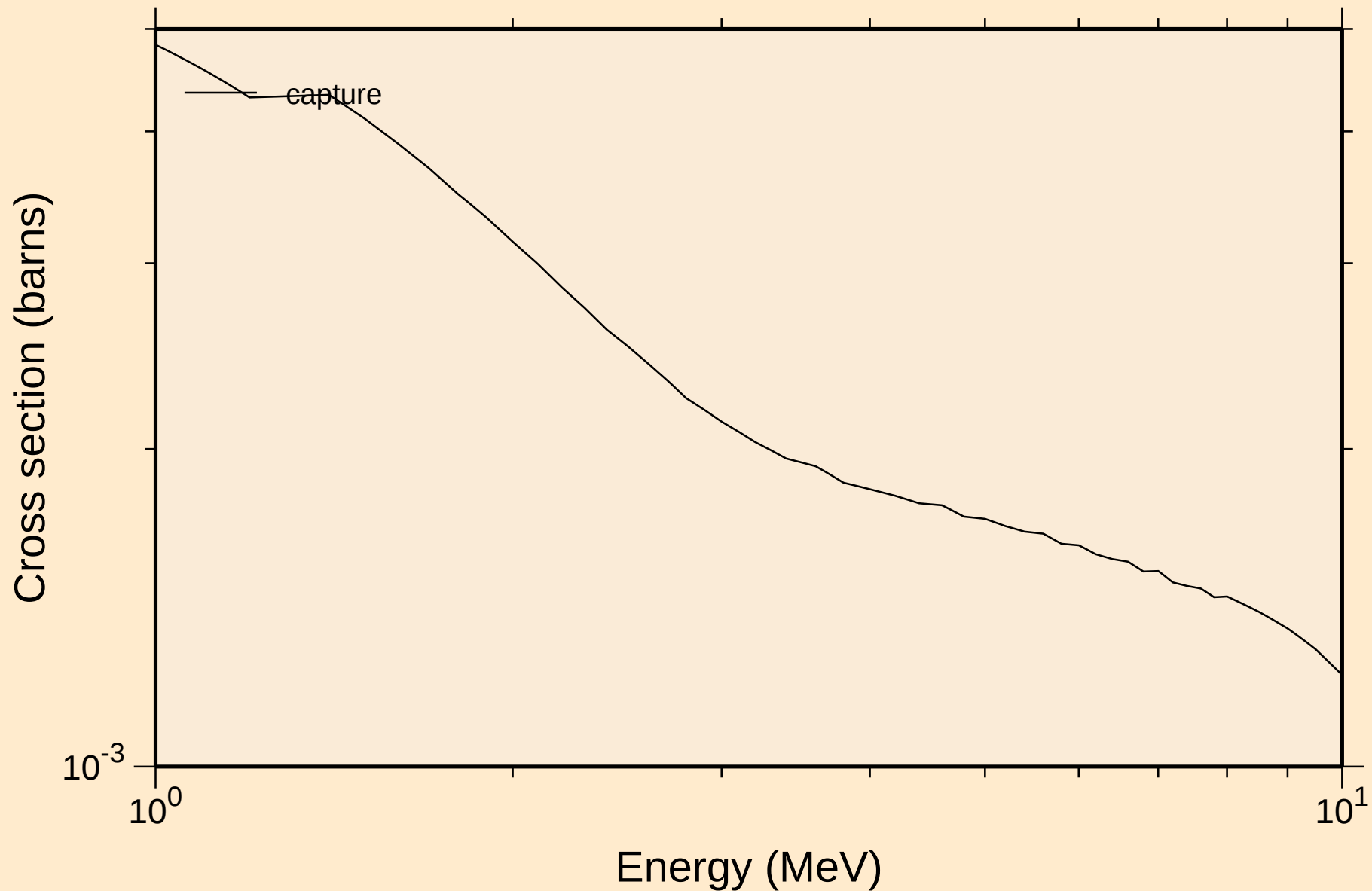
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

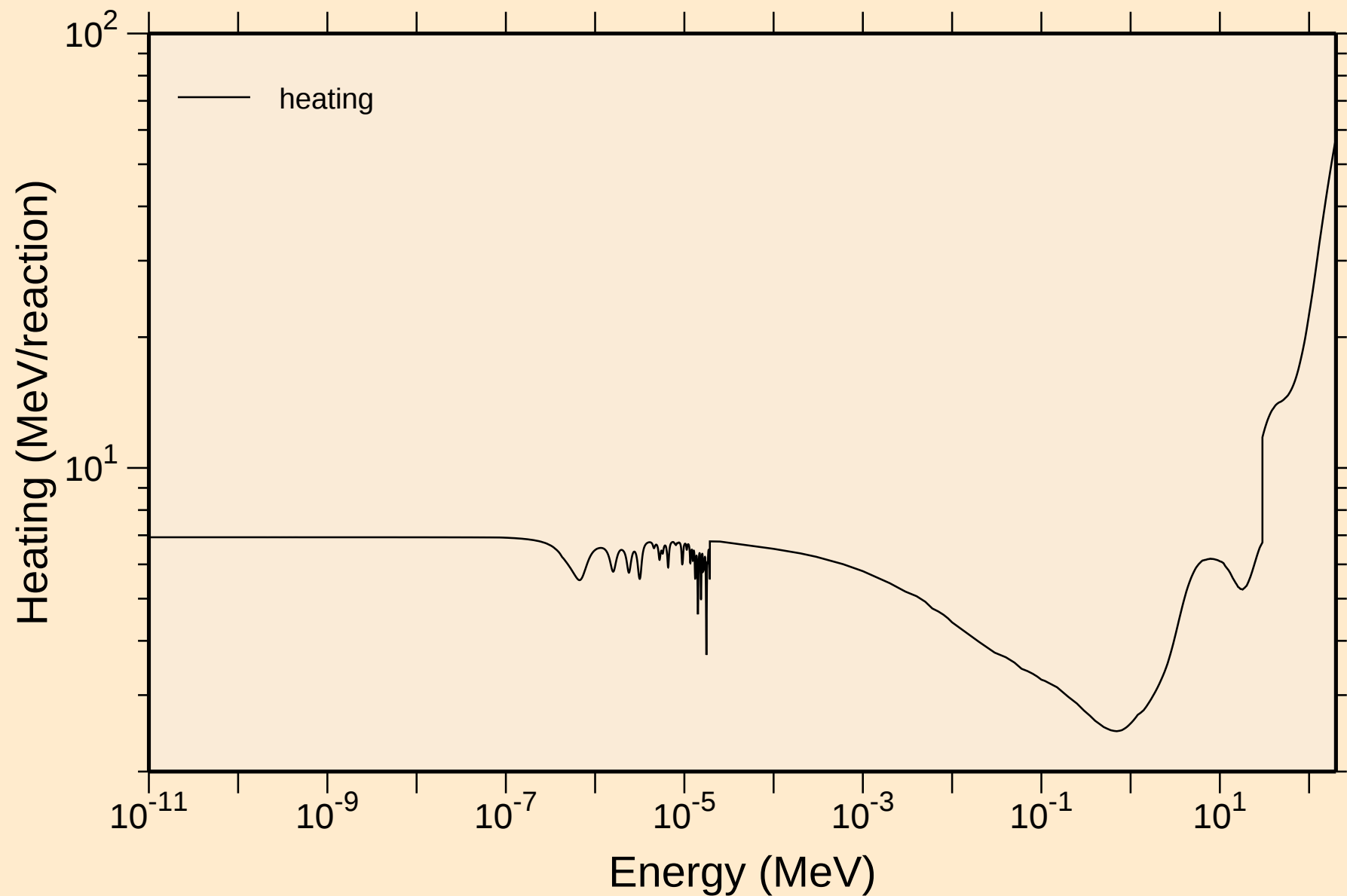


BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



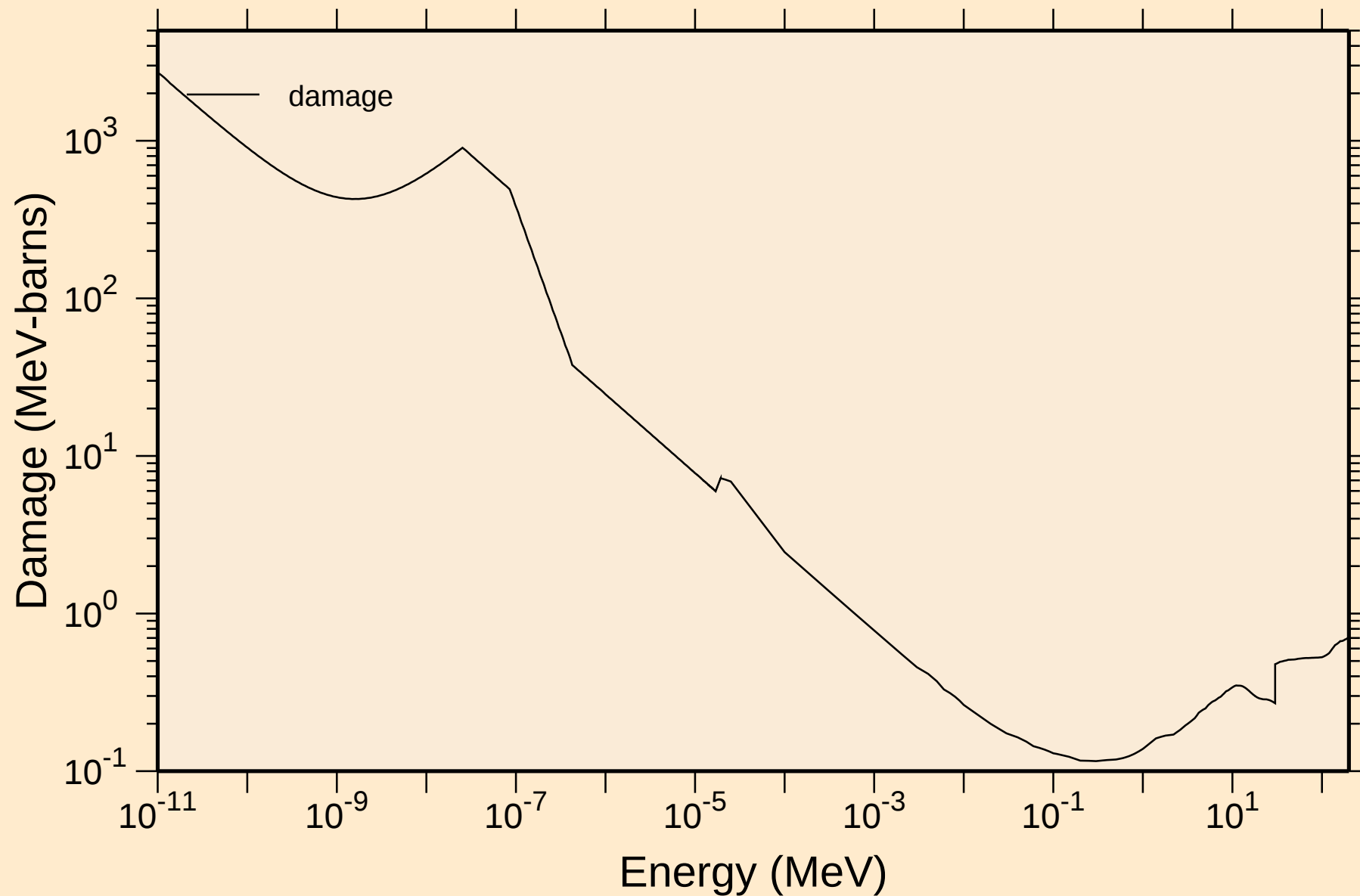
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating



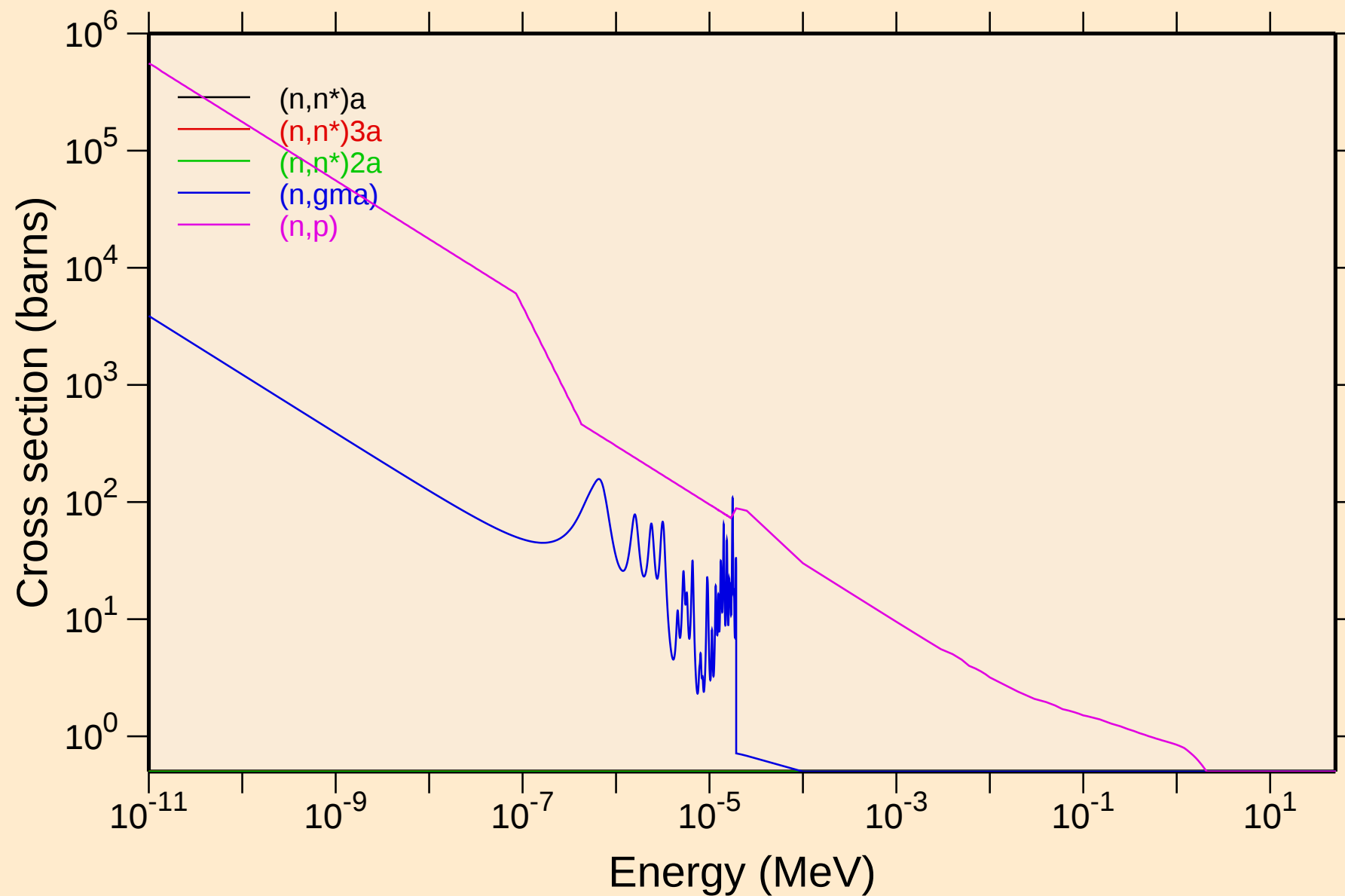
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

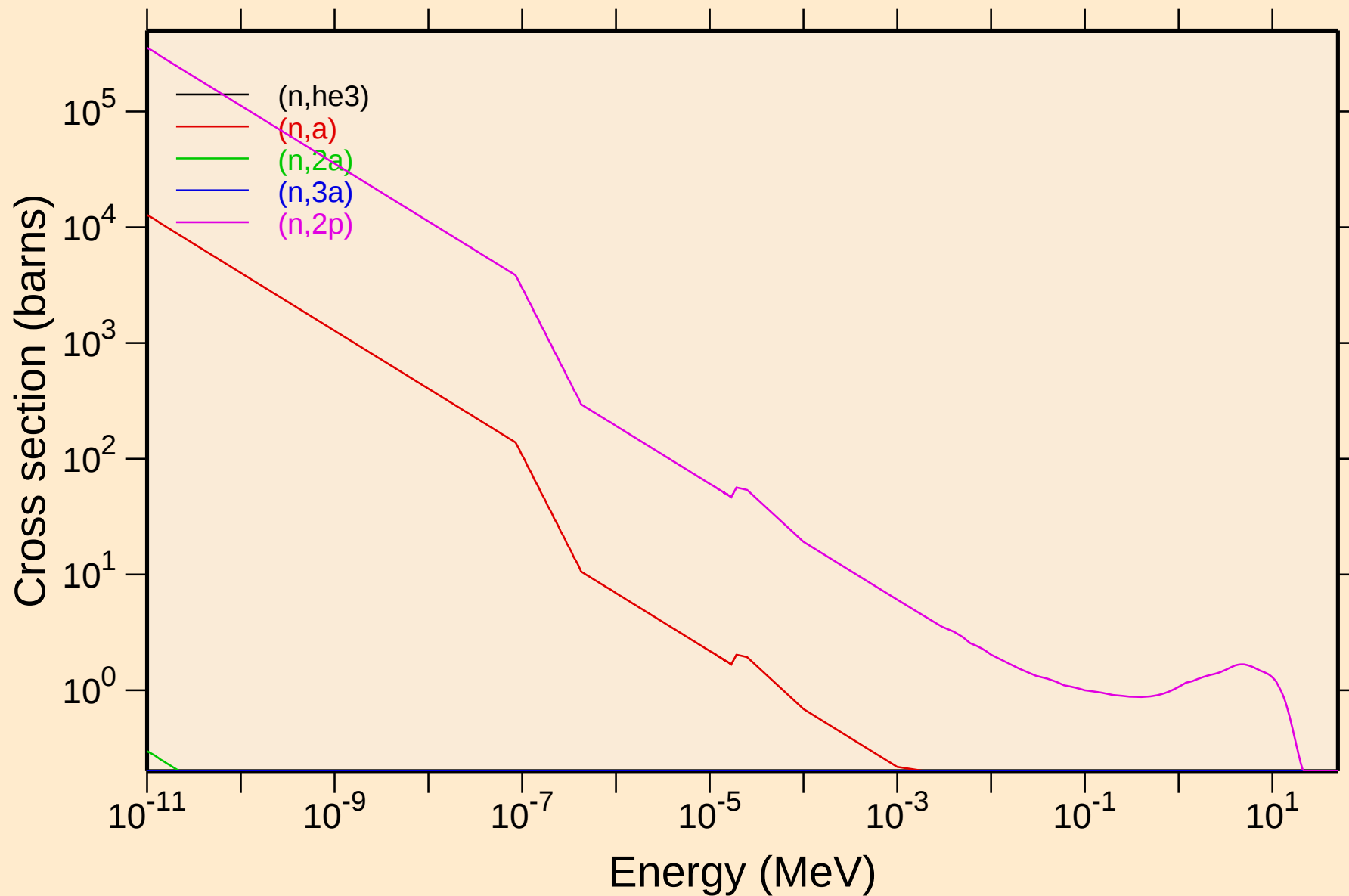


BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

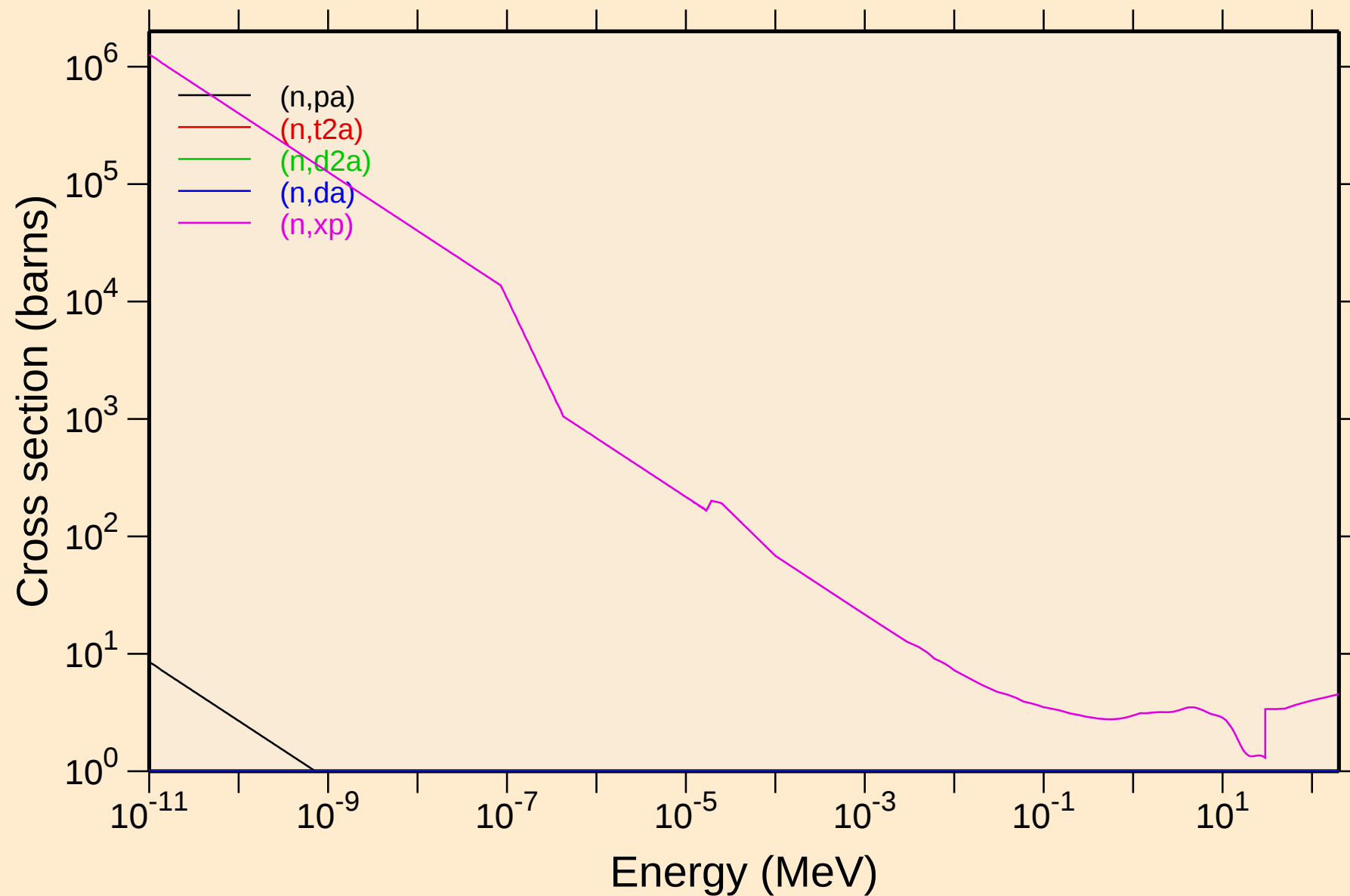


BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

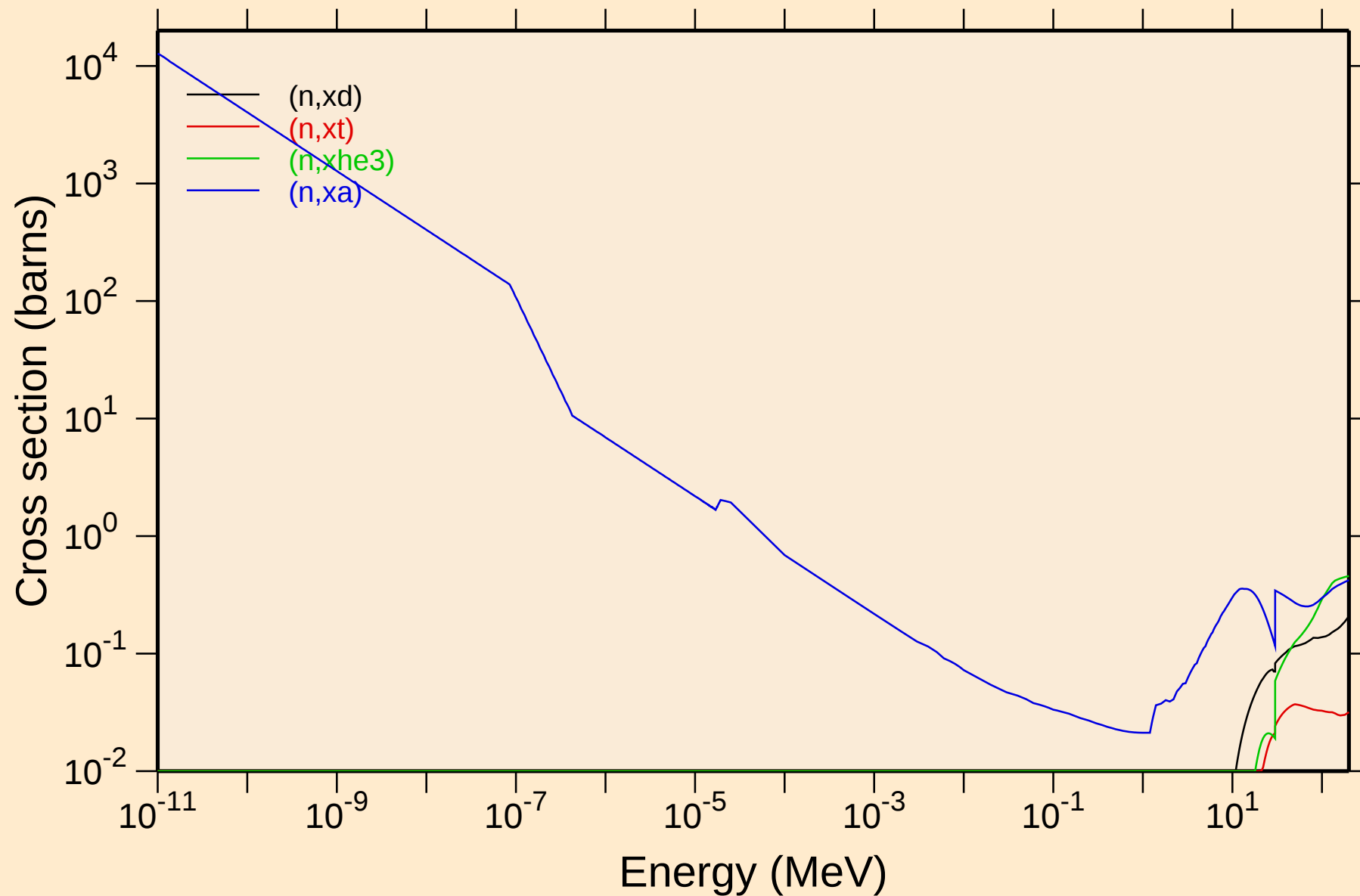


BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

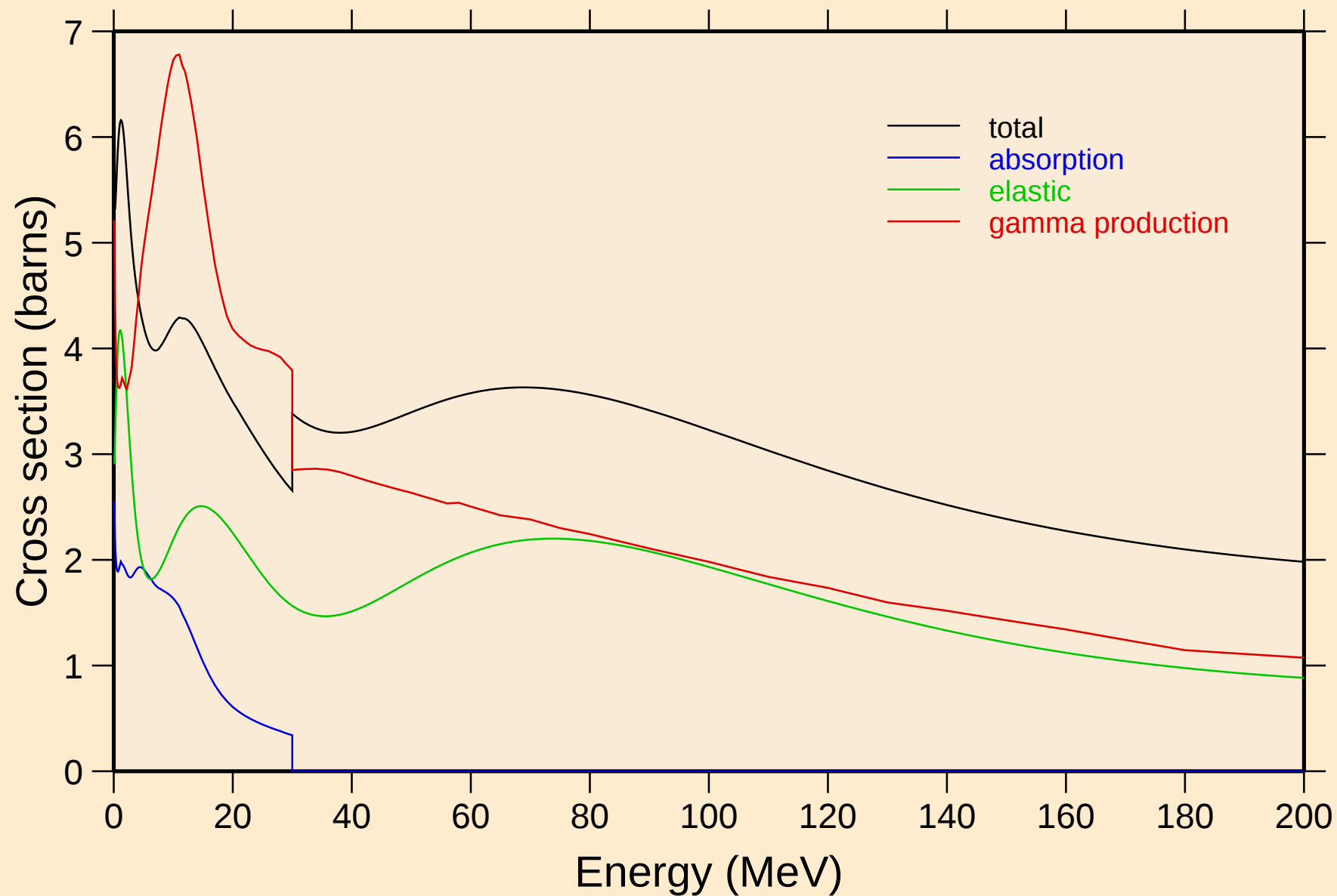


BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



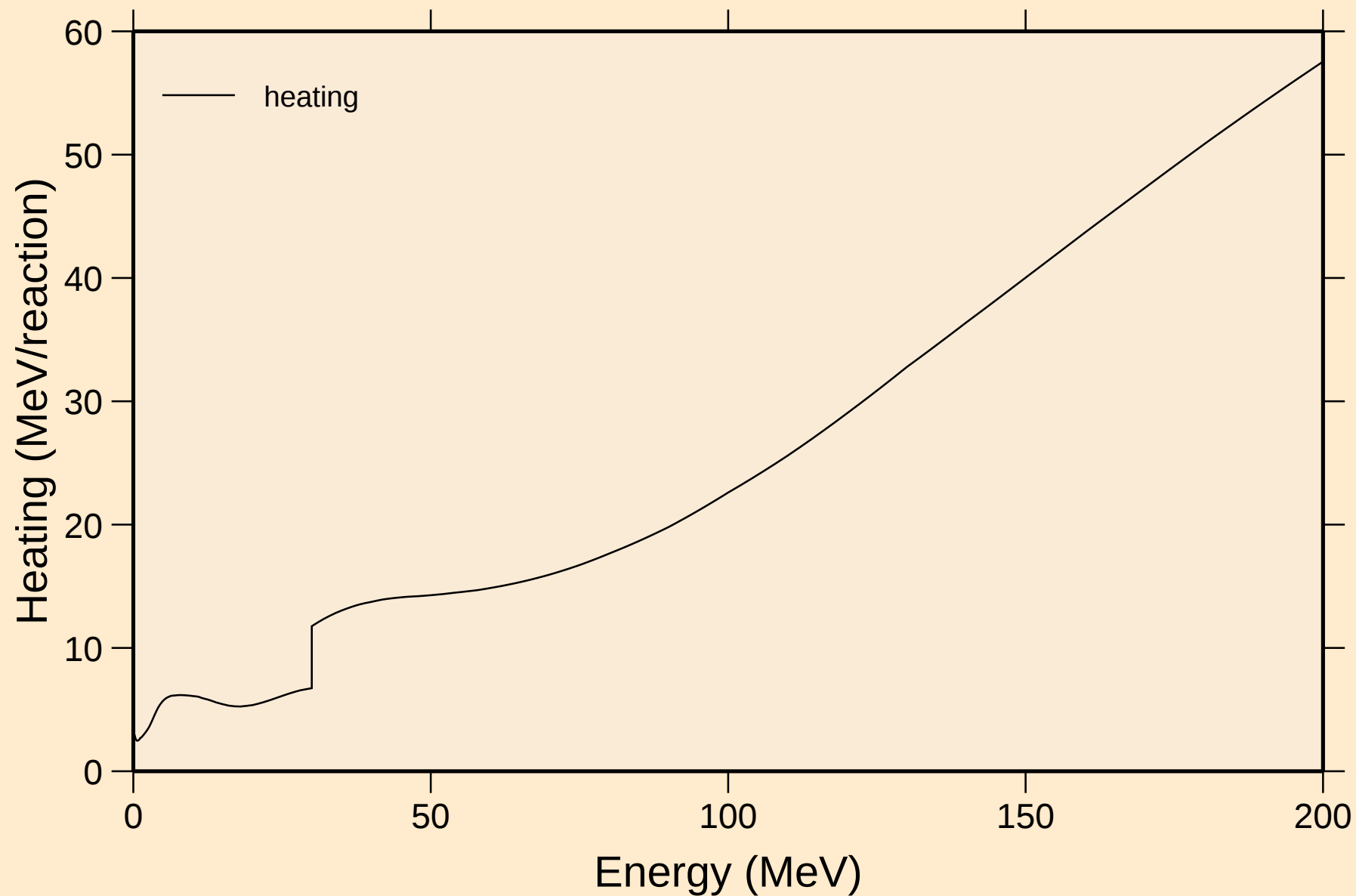
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



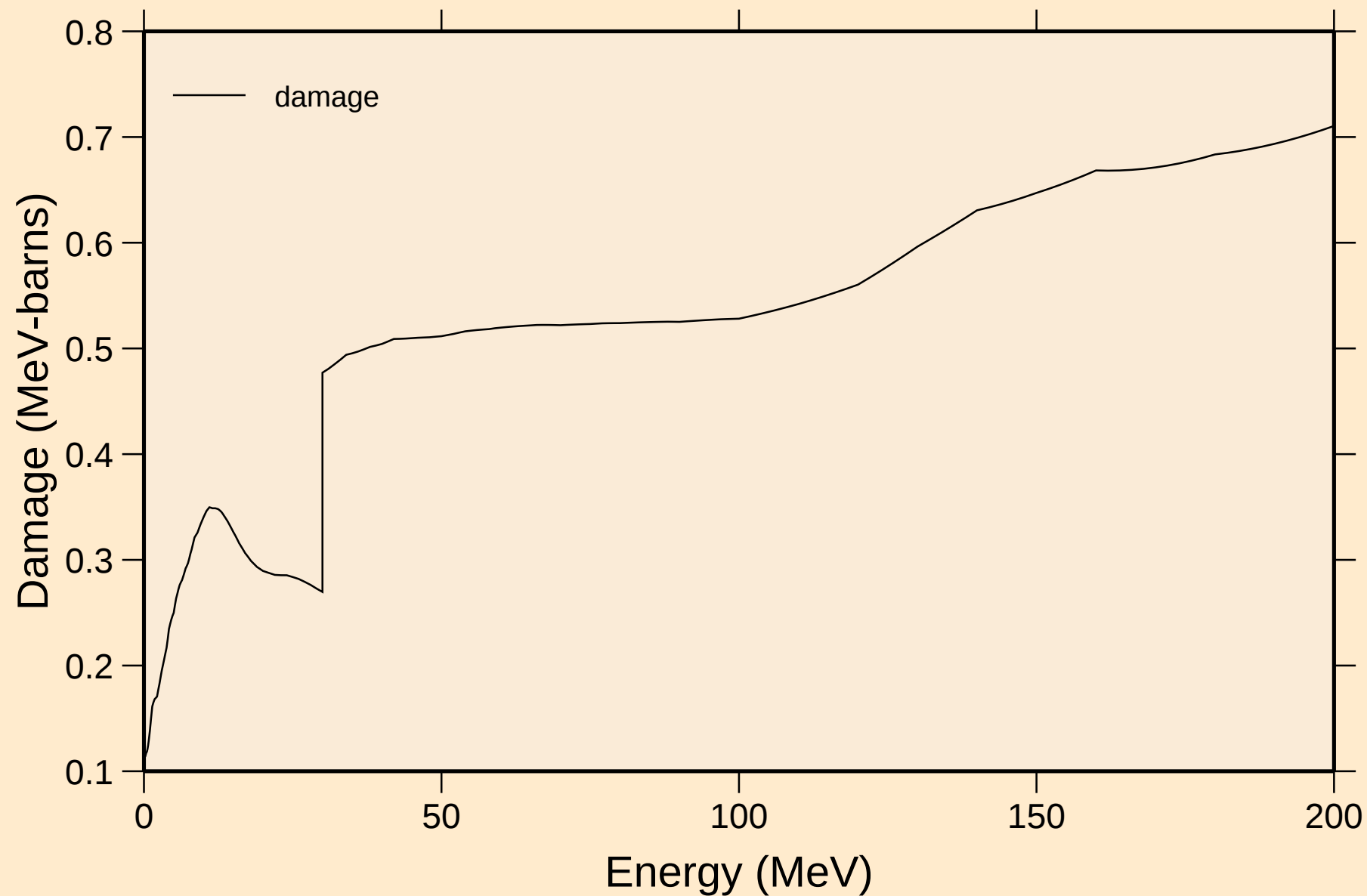
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

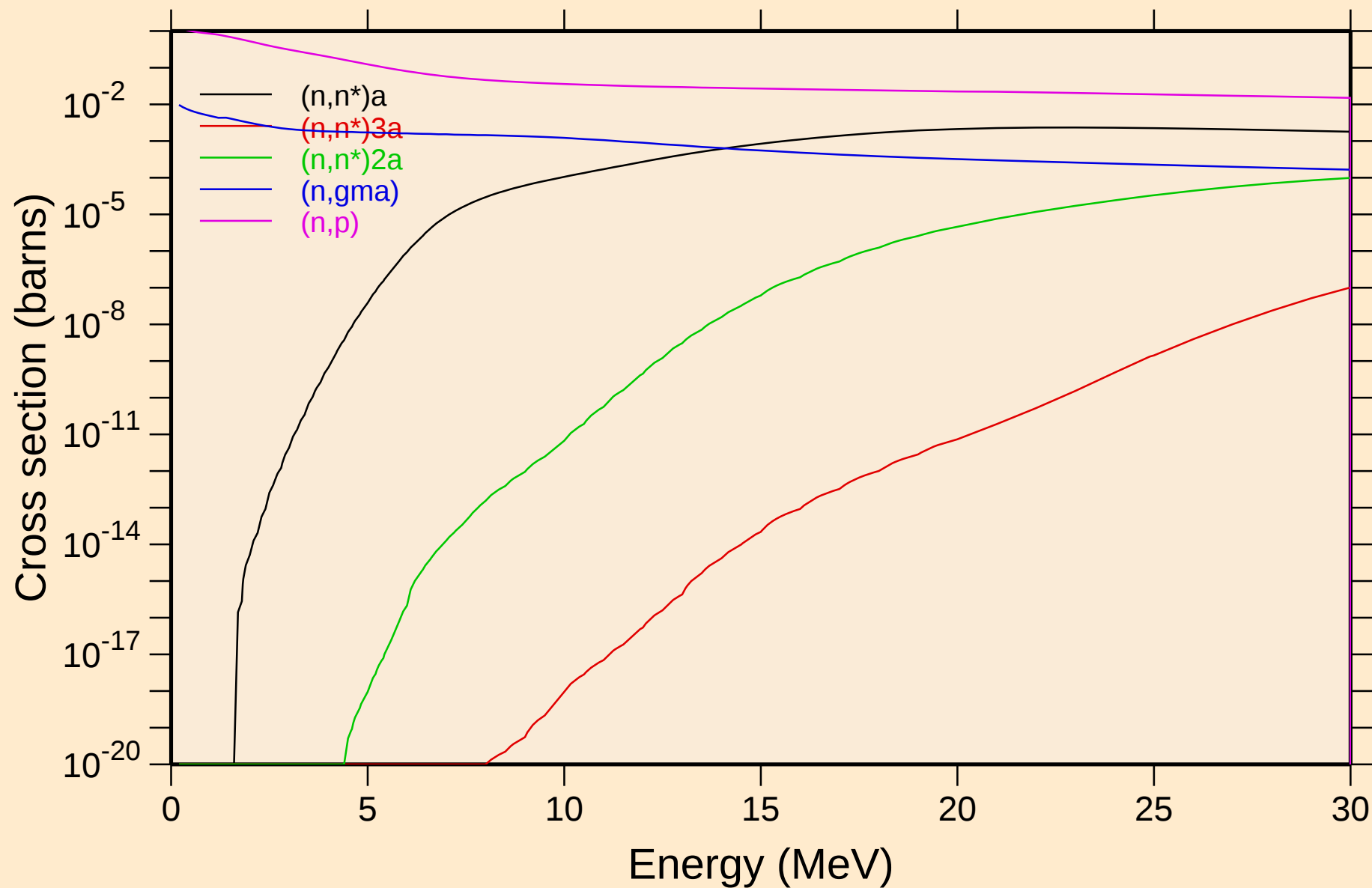


BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

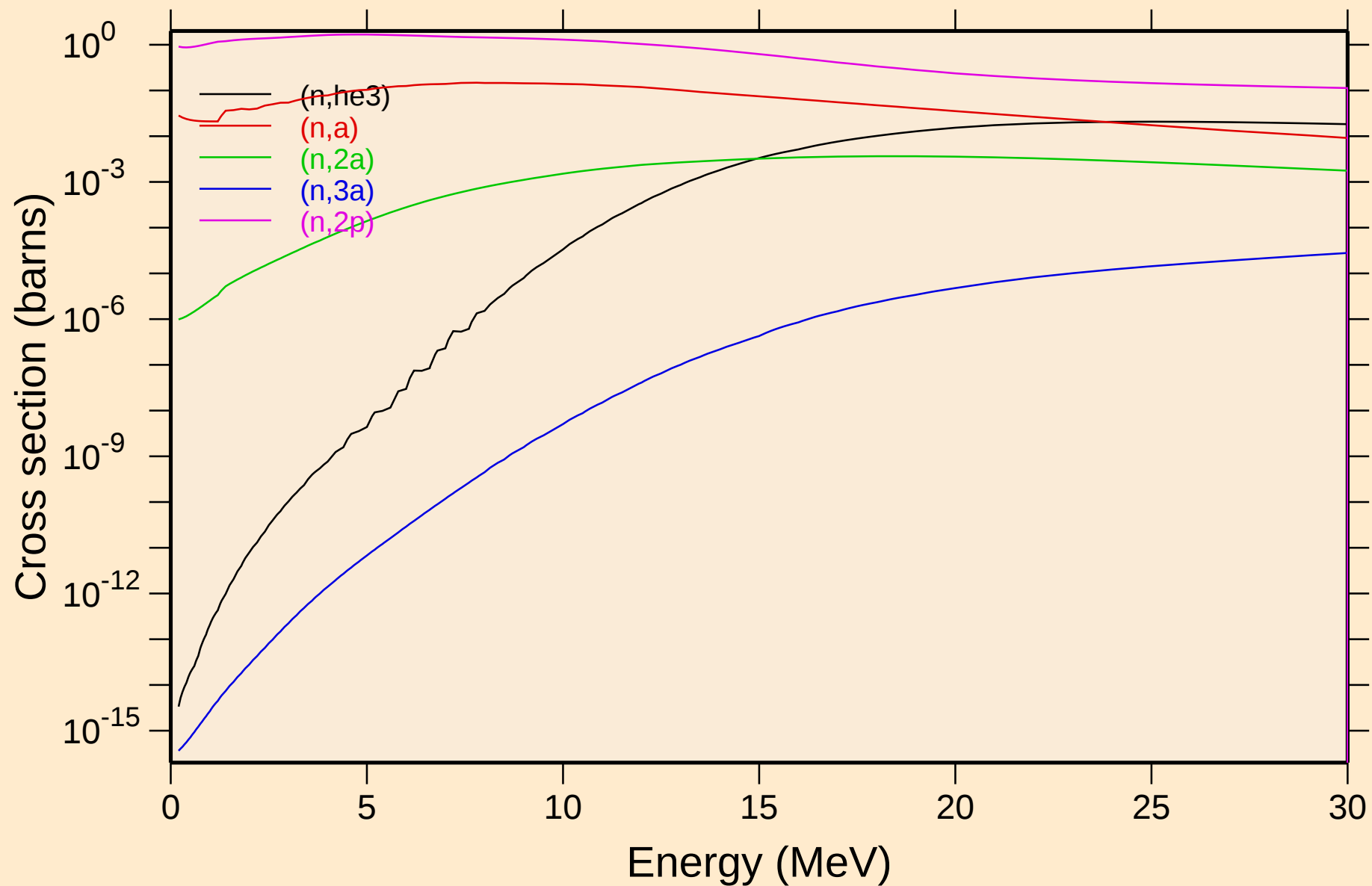
Damage



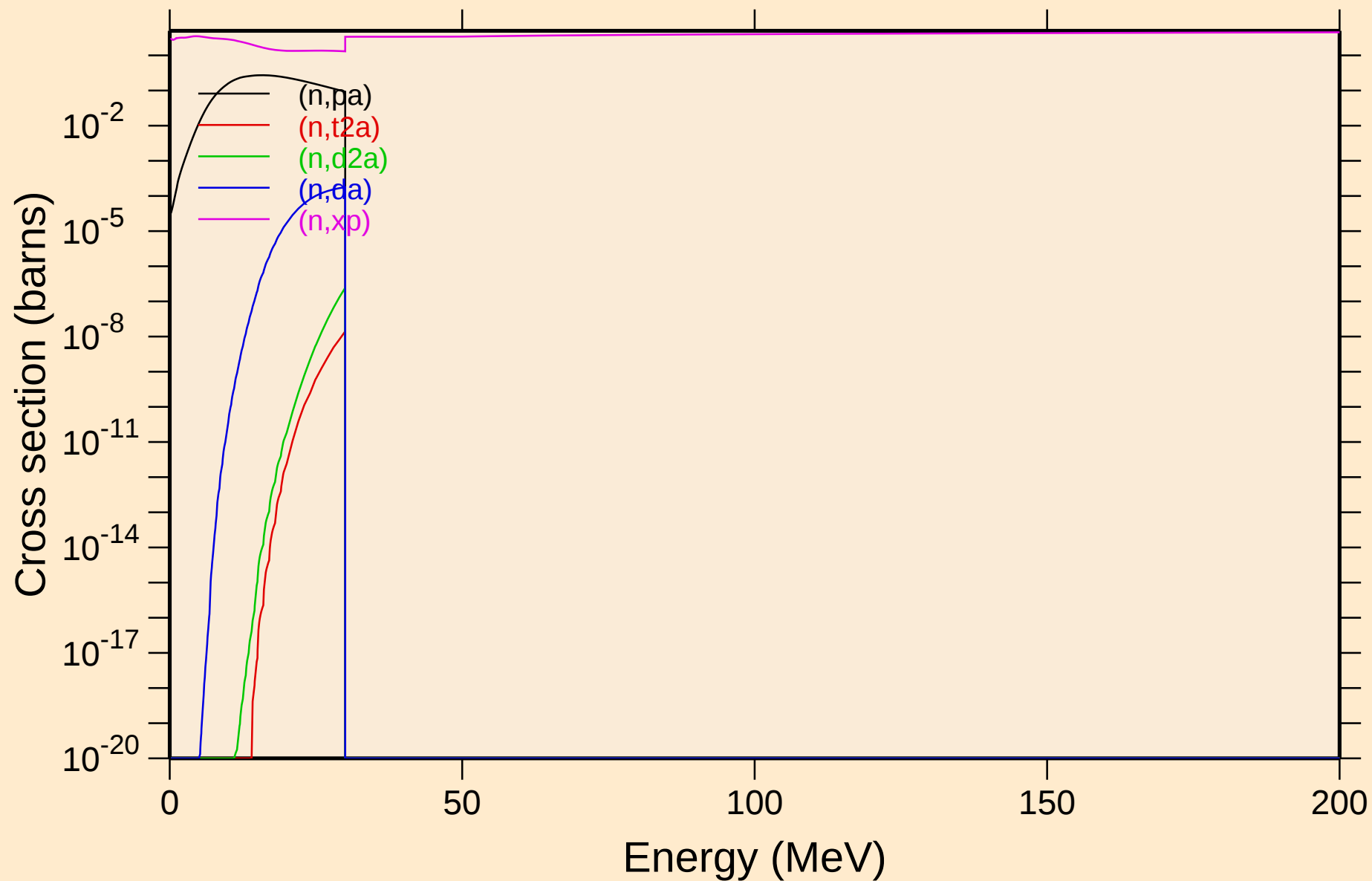
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



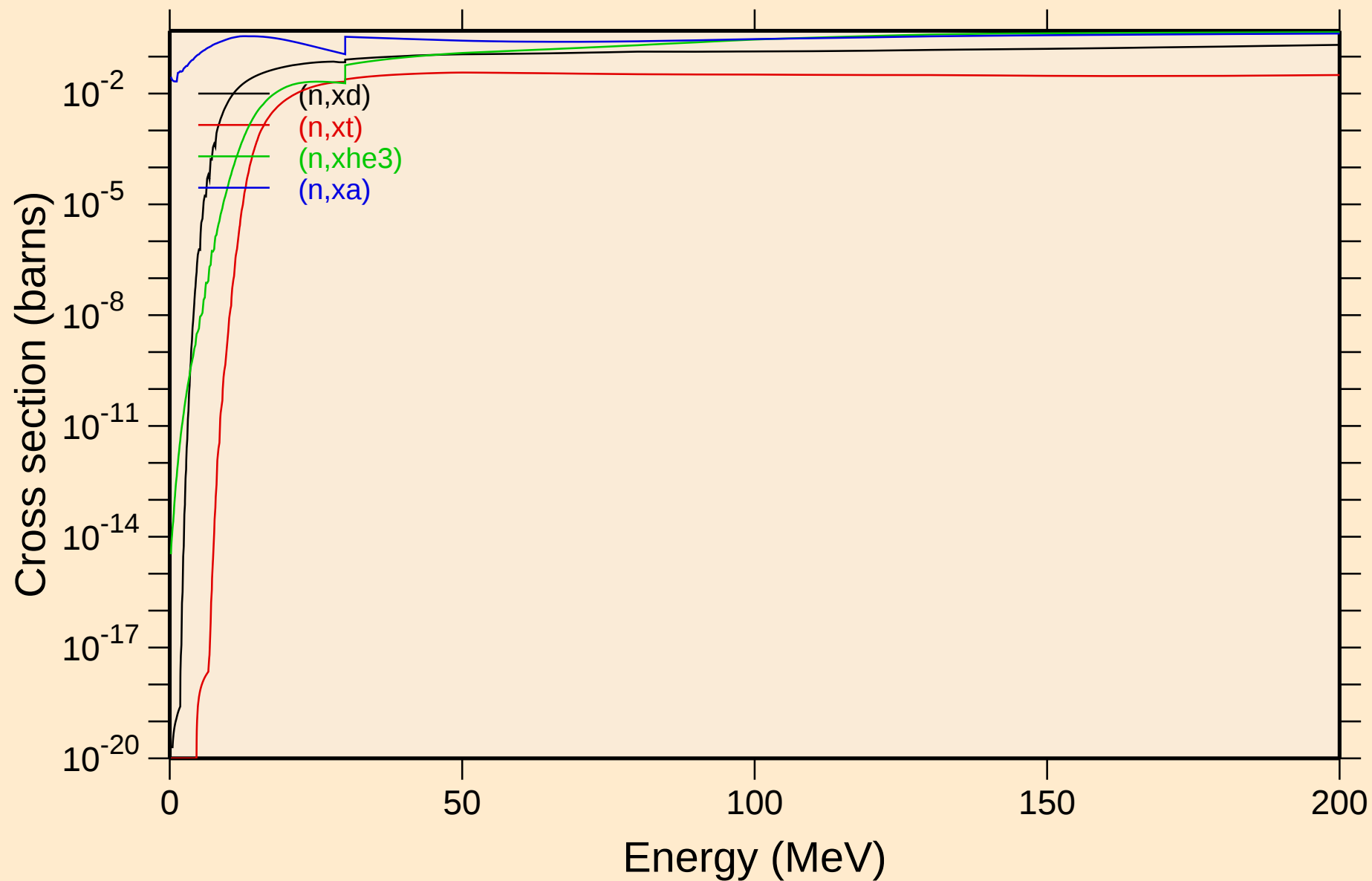
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

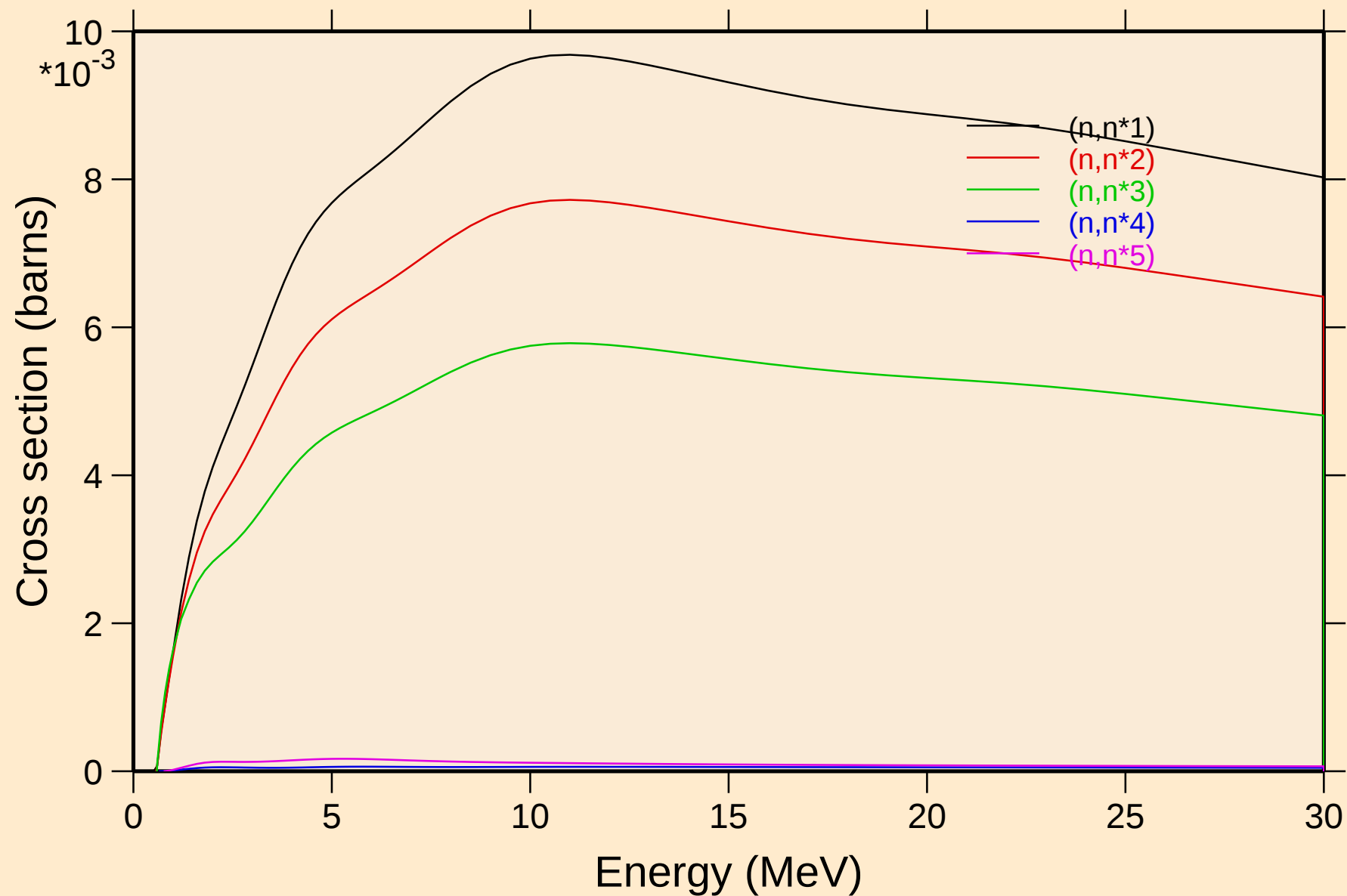


BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



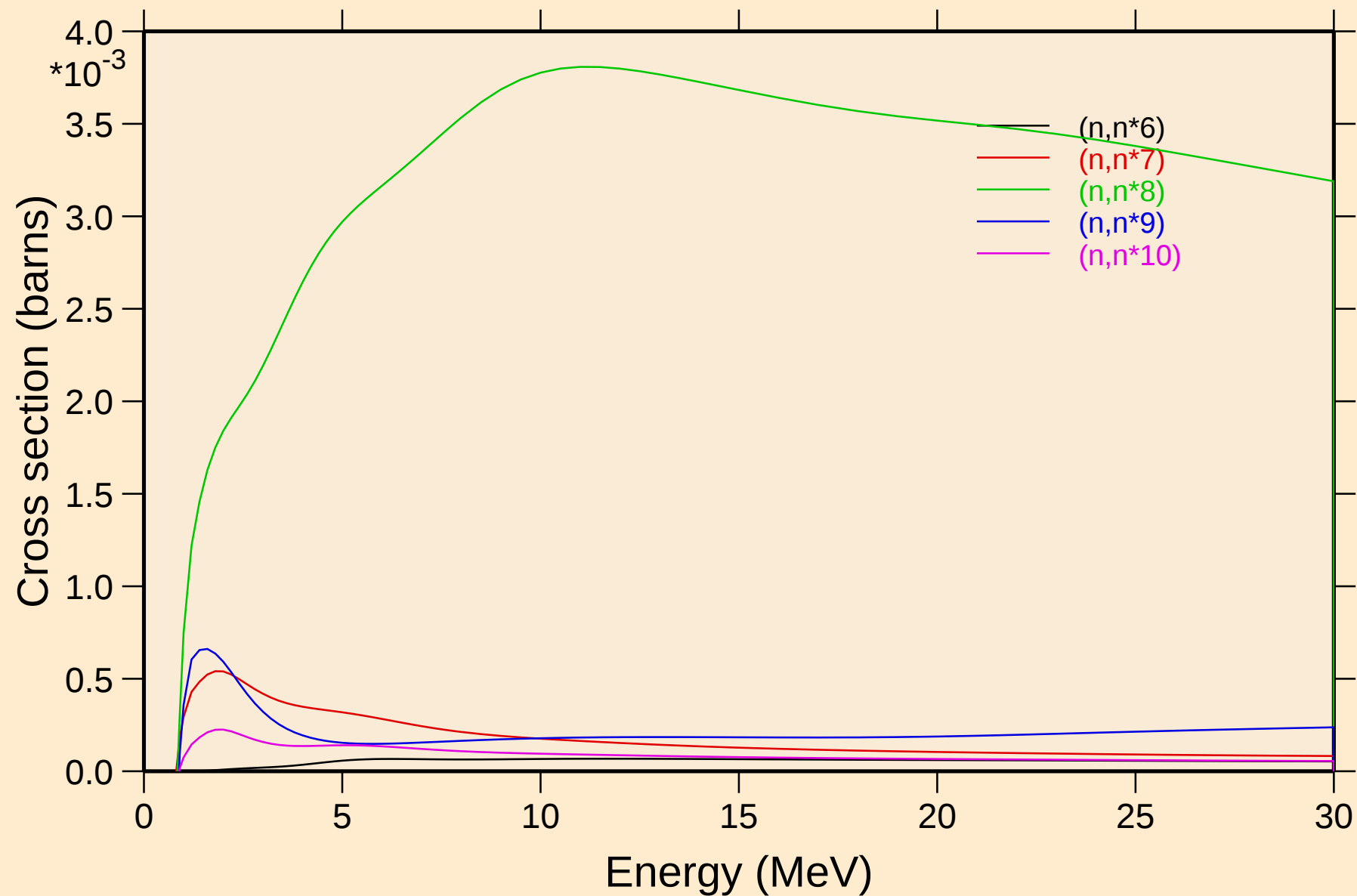
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Inelastic levels



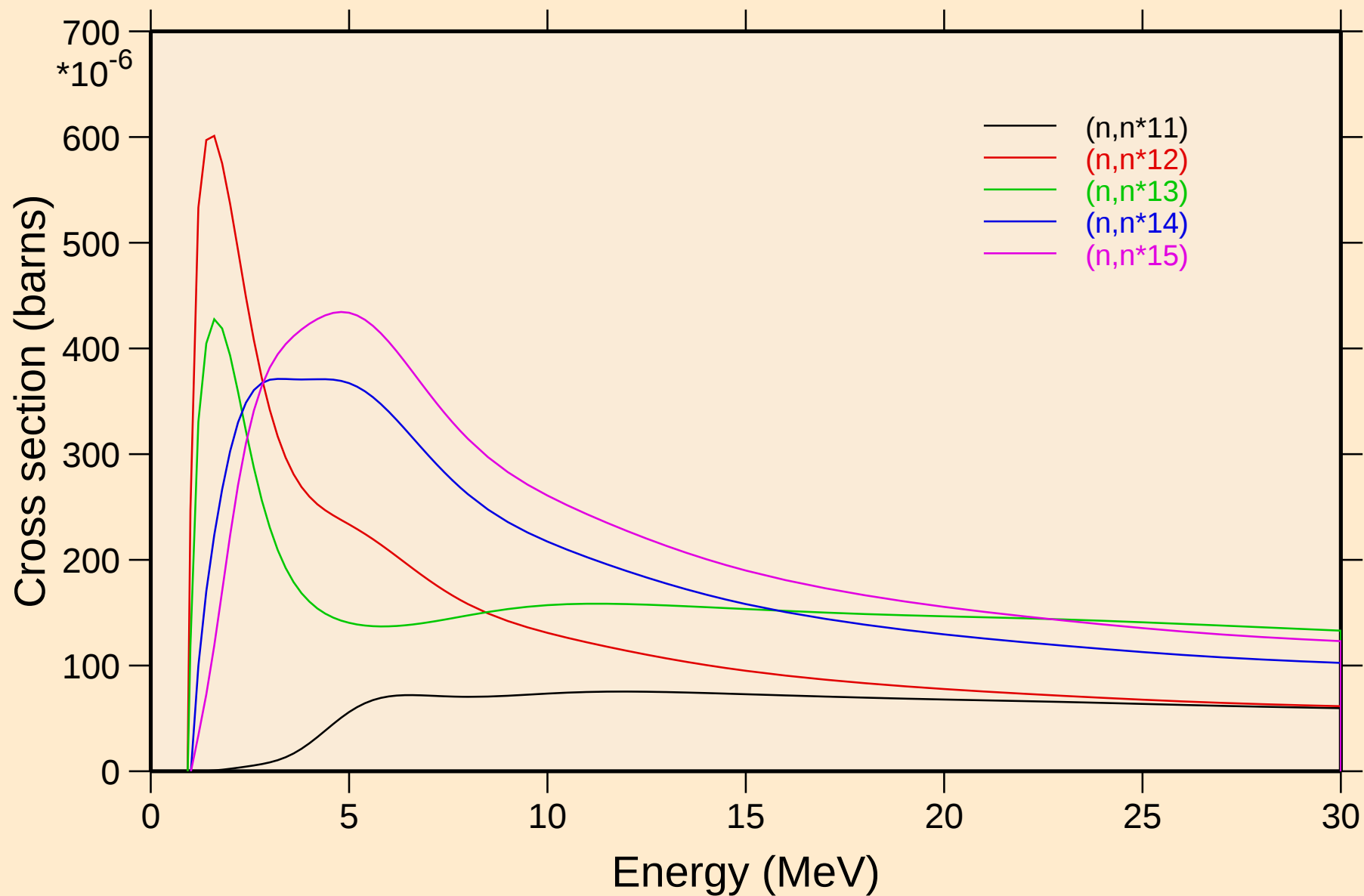
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Inelastic levels



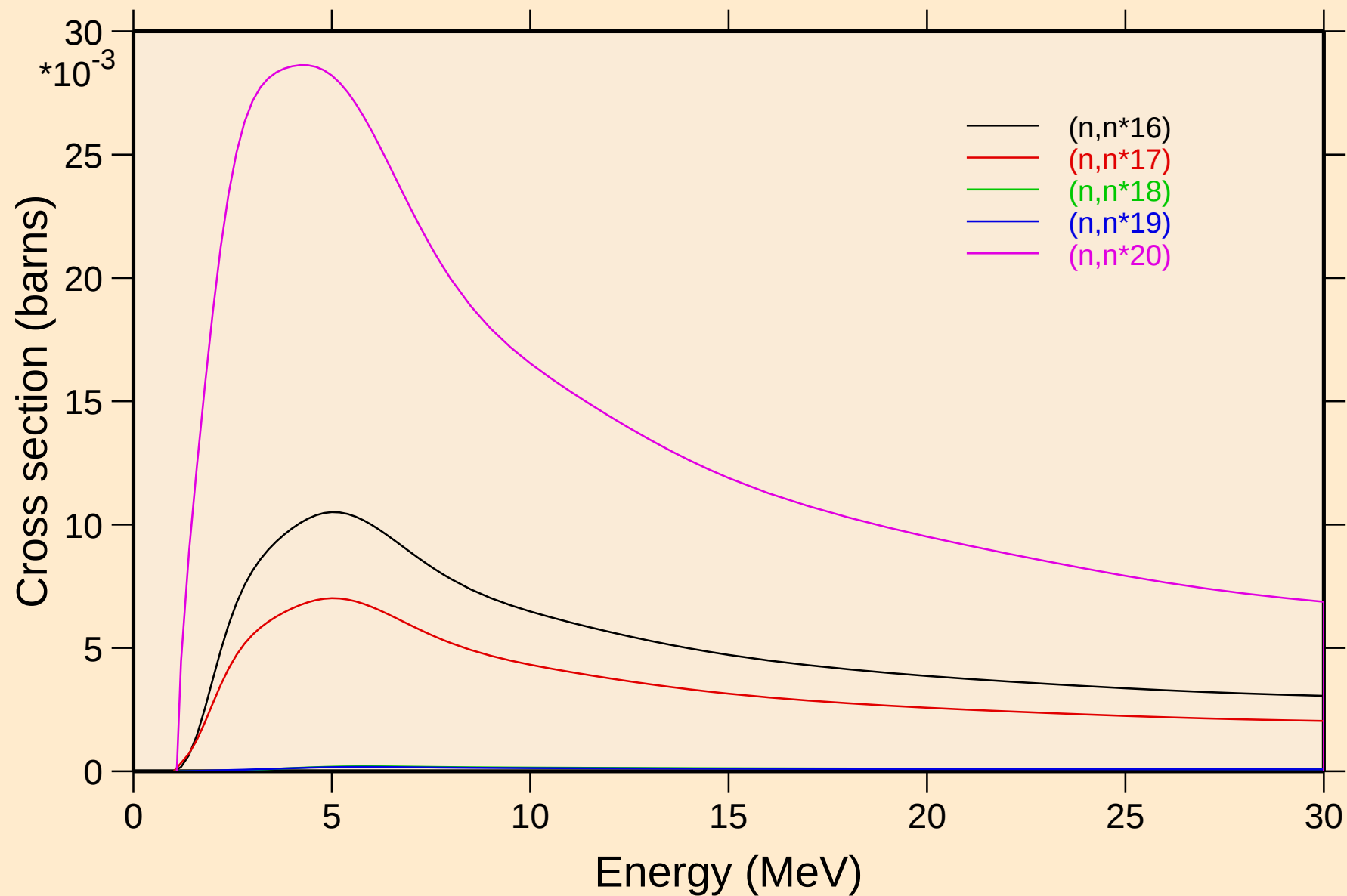
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



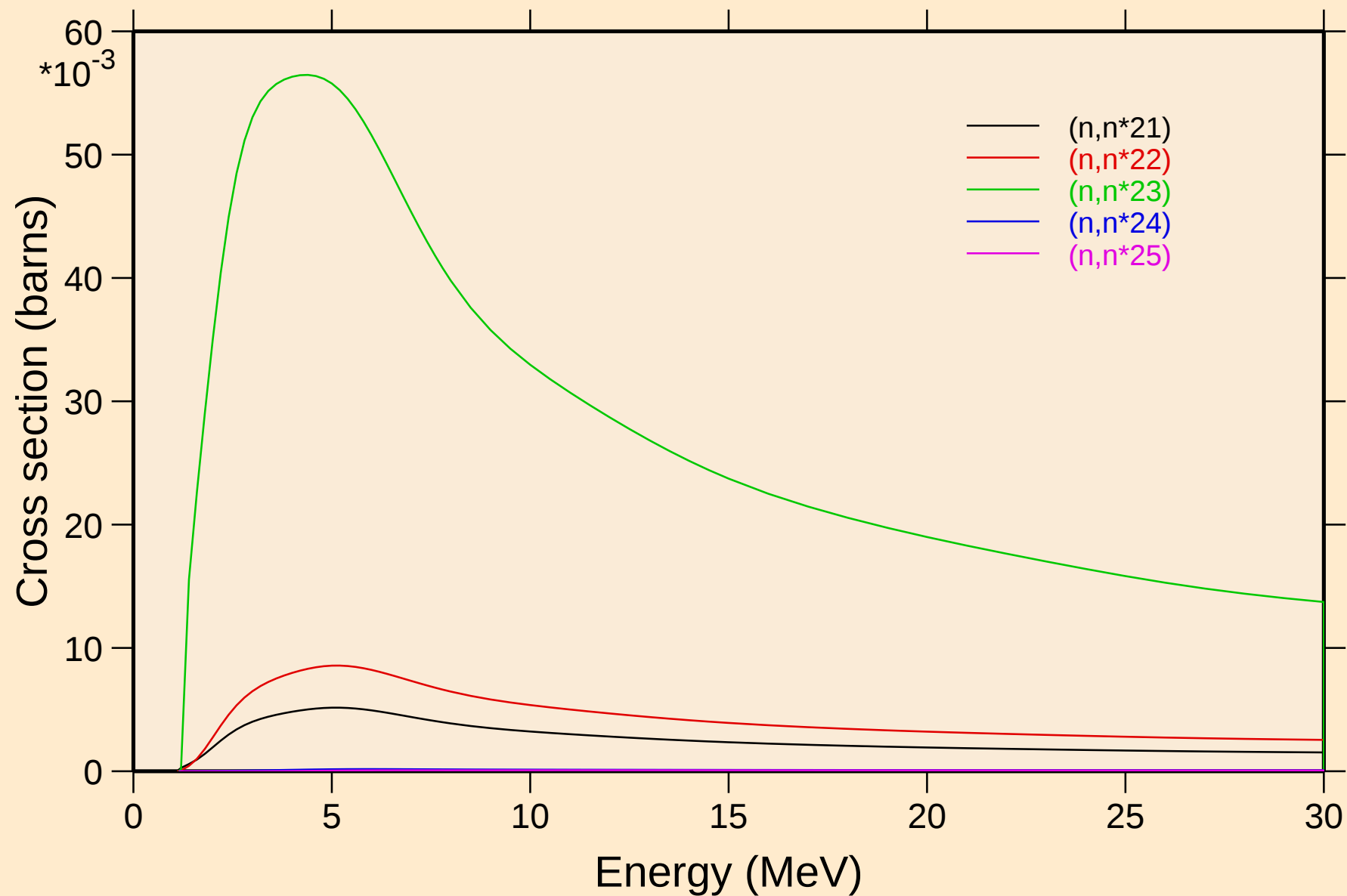
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



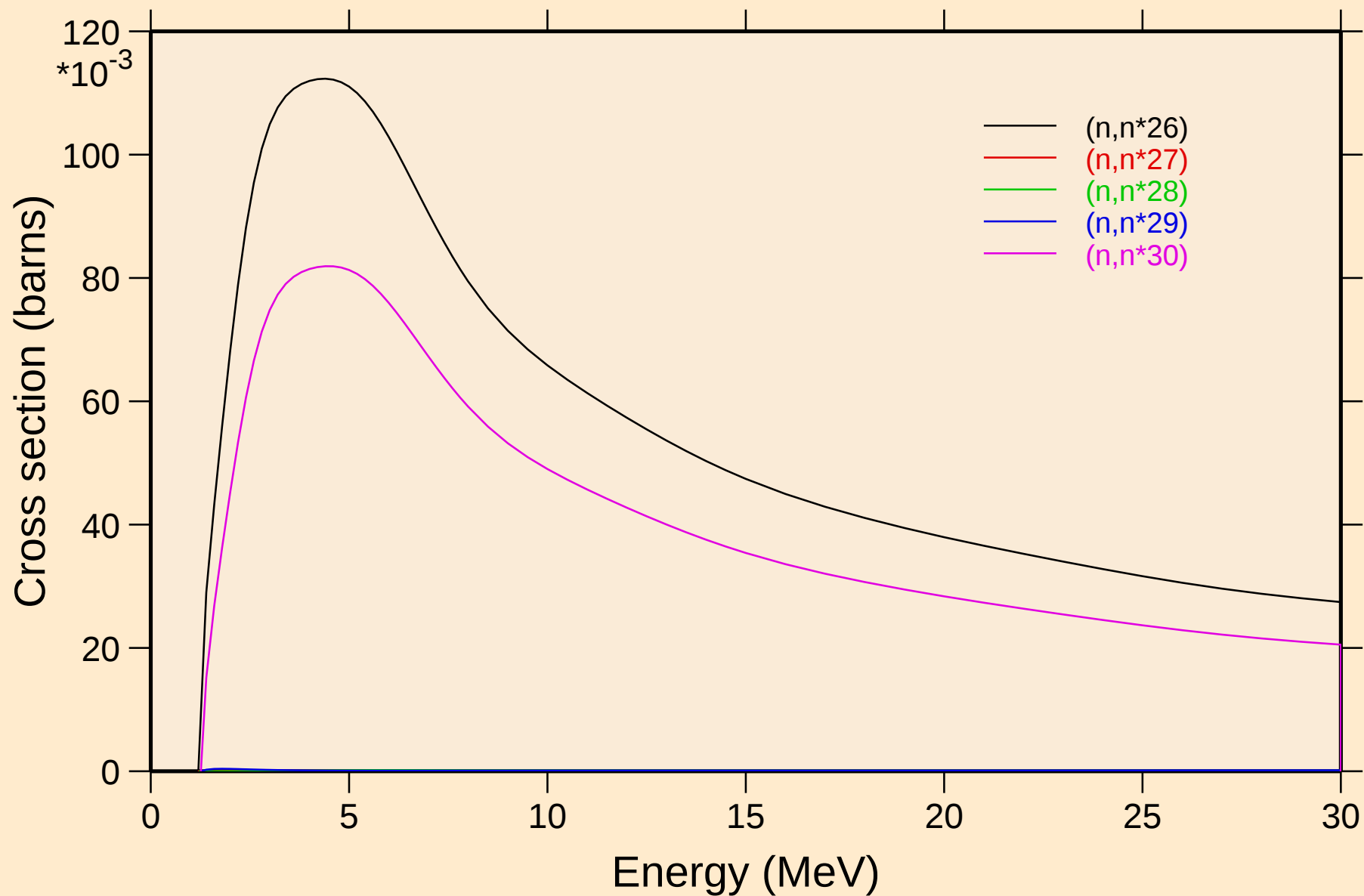
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



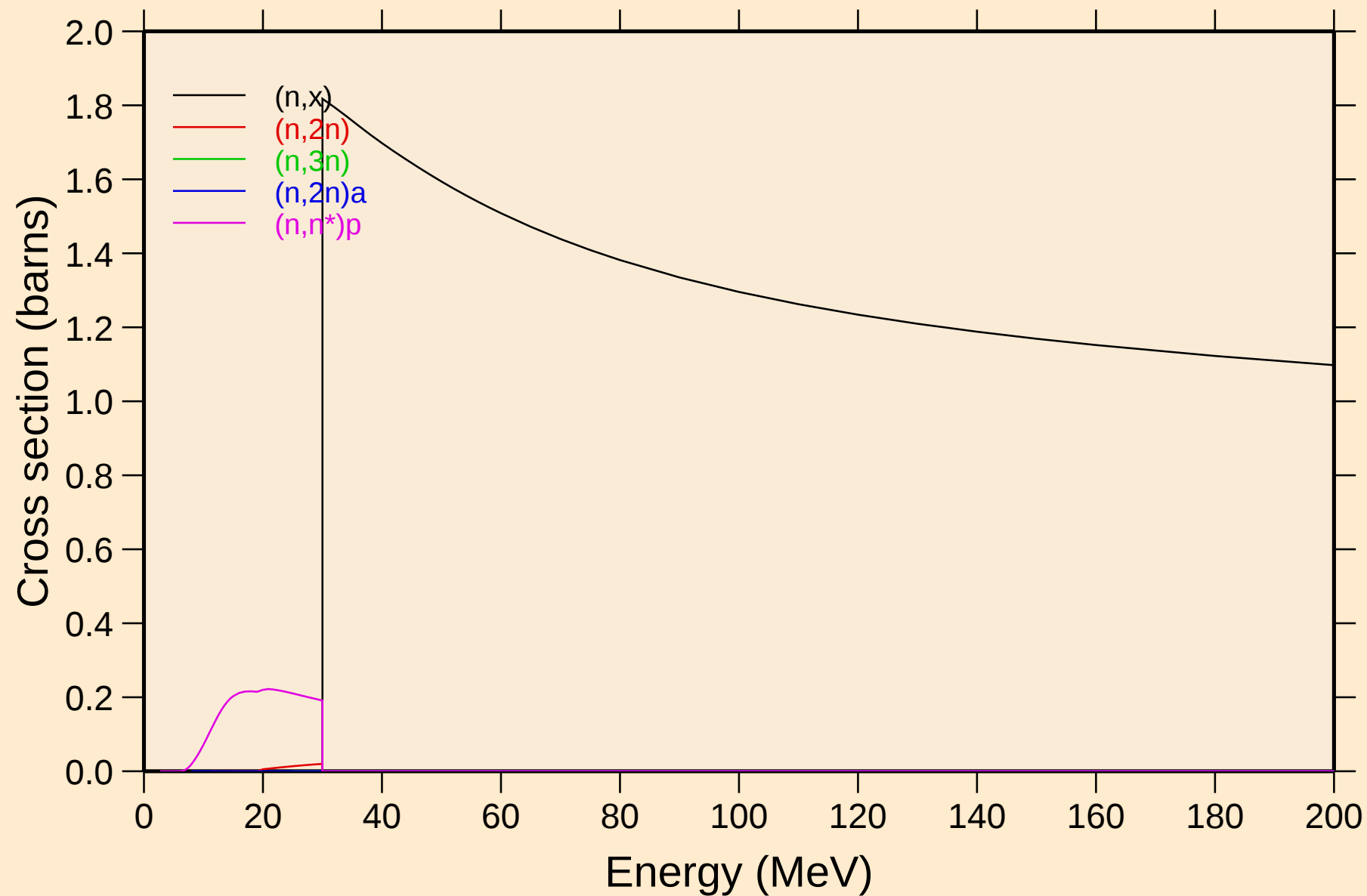
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Inelastic levels



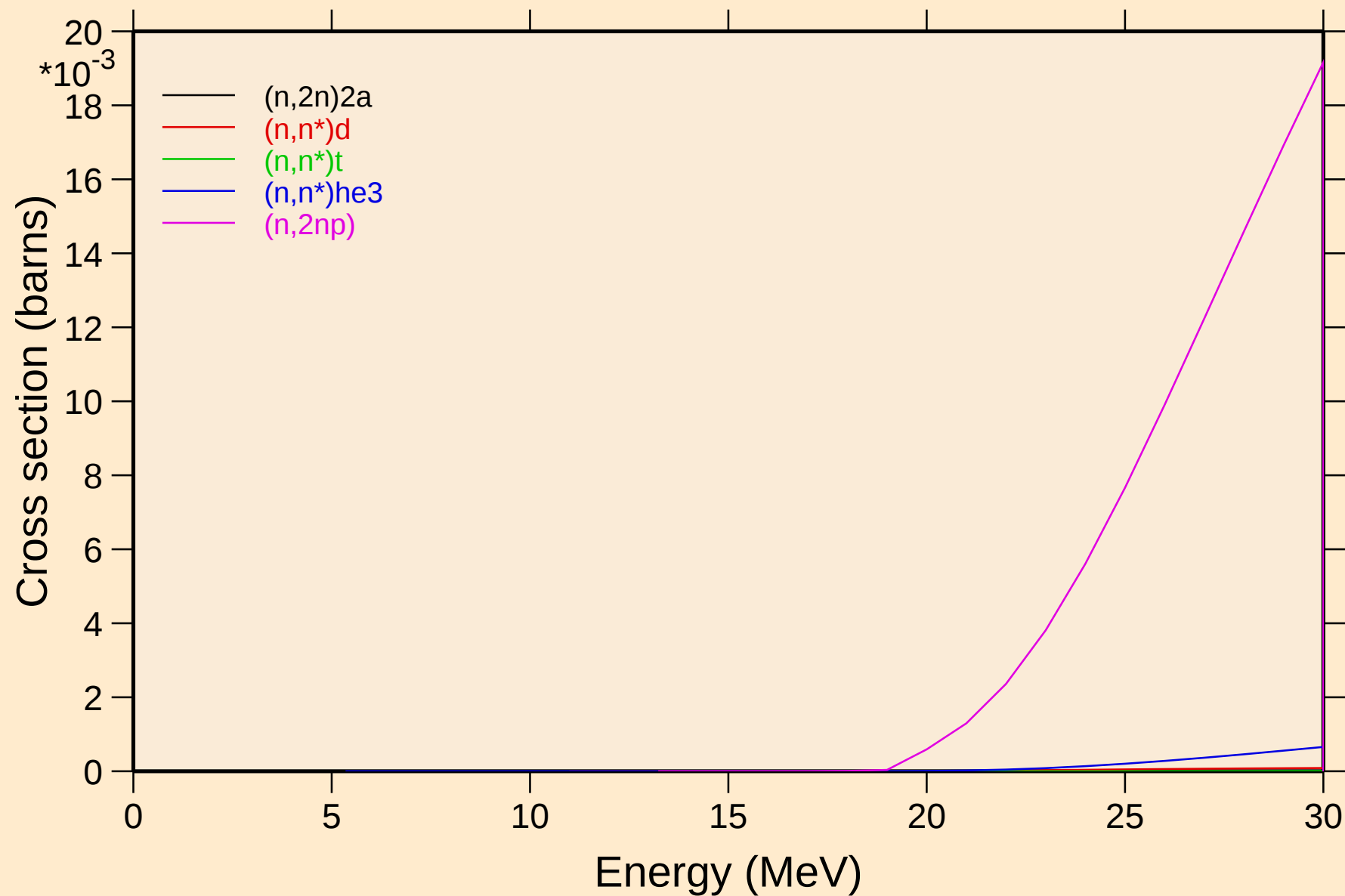
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

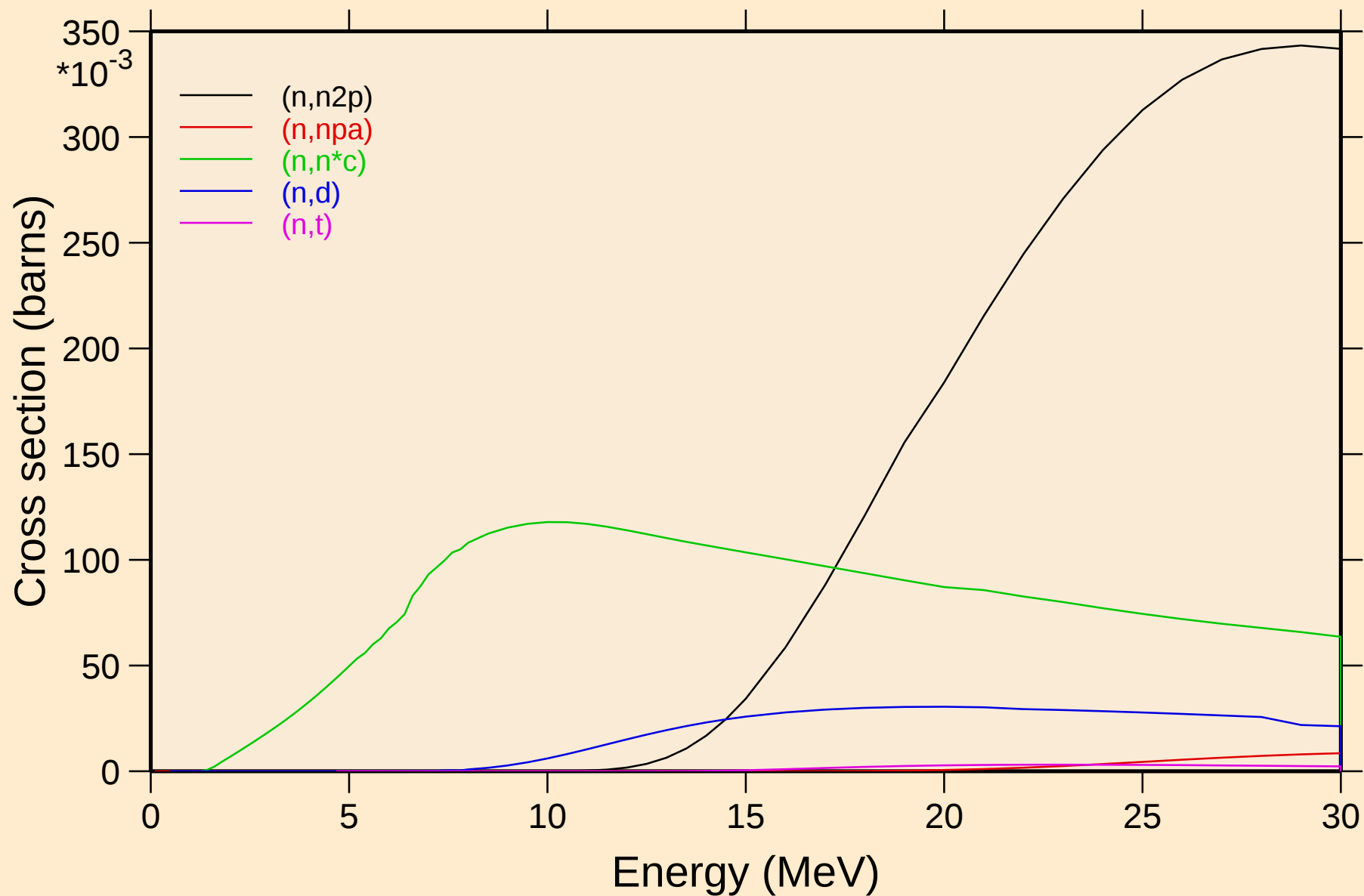


BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

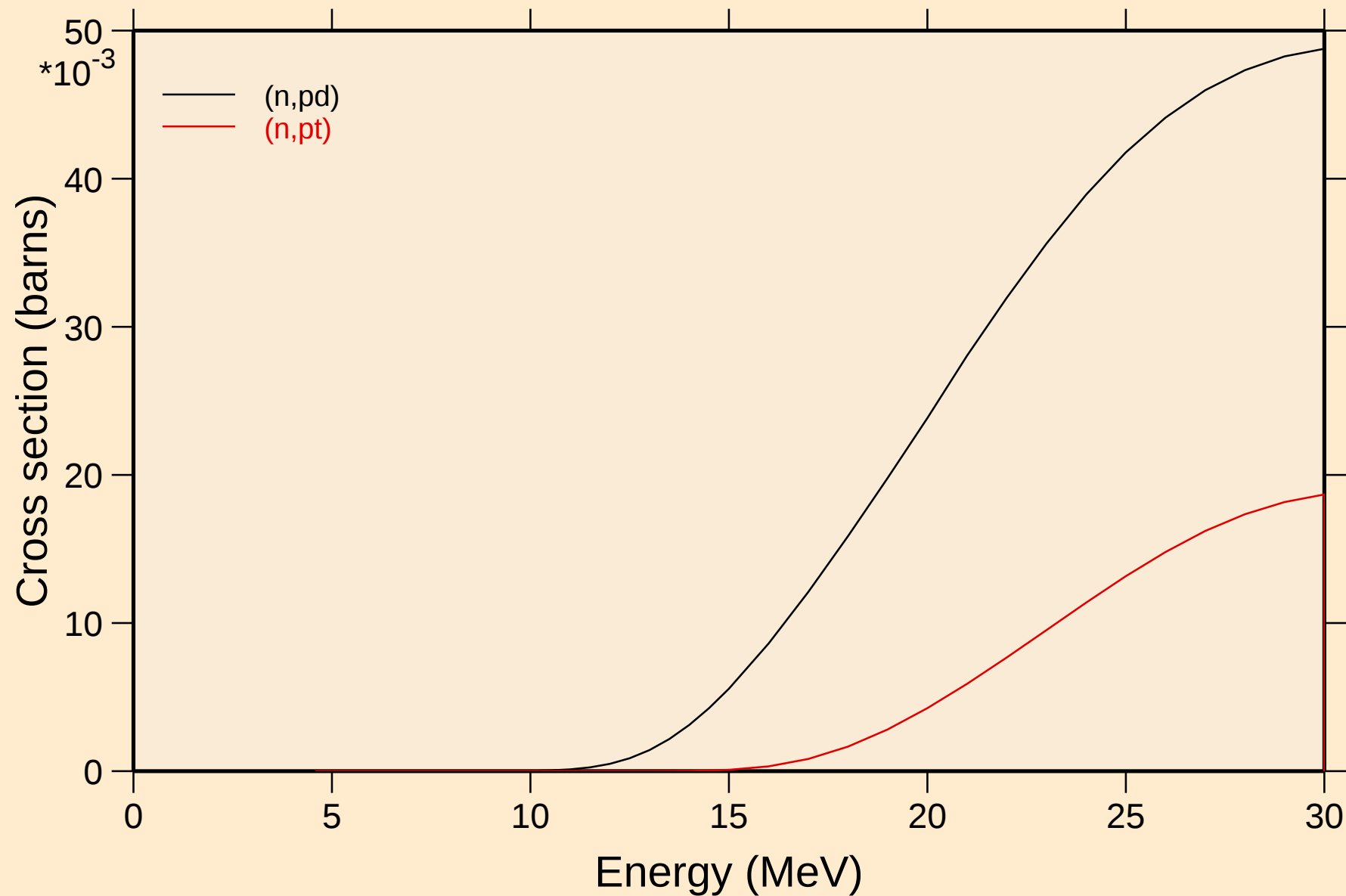


BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

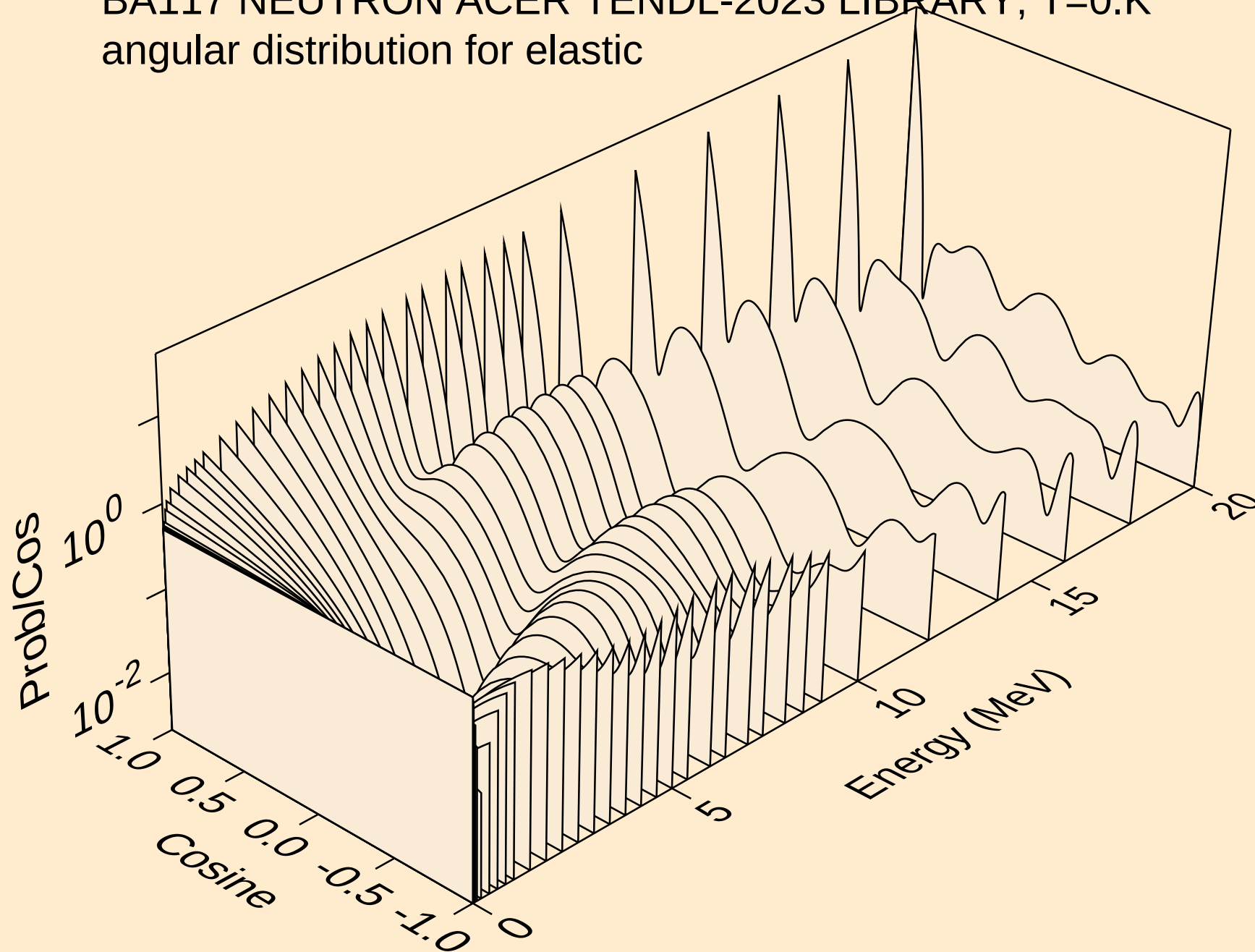


BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

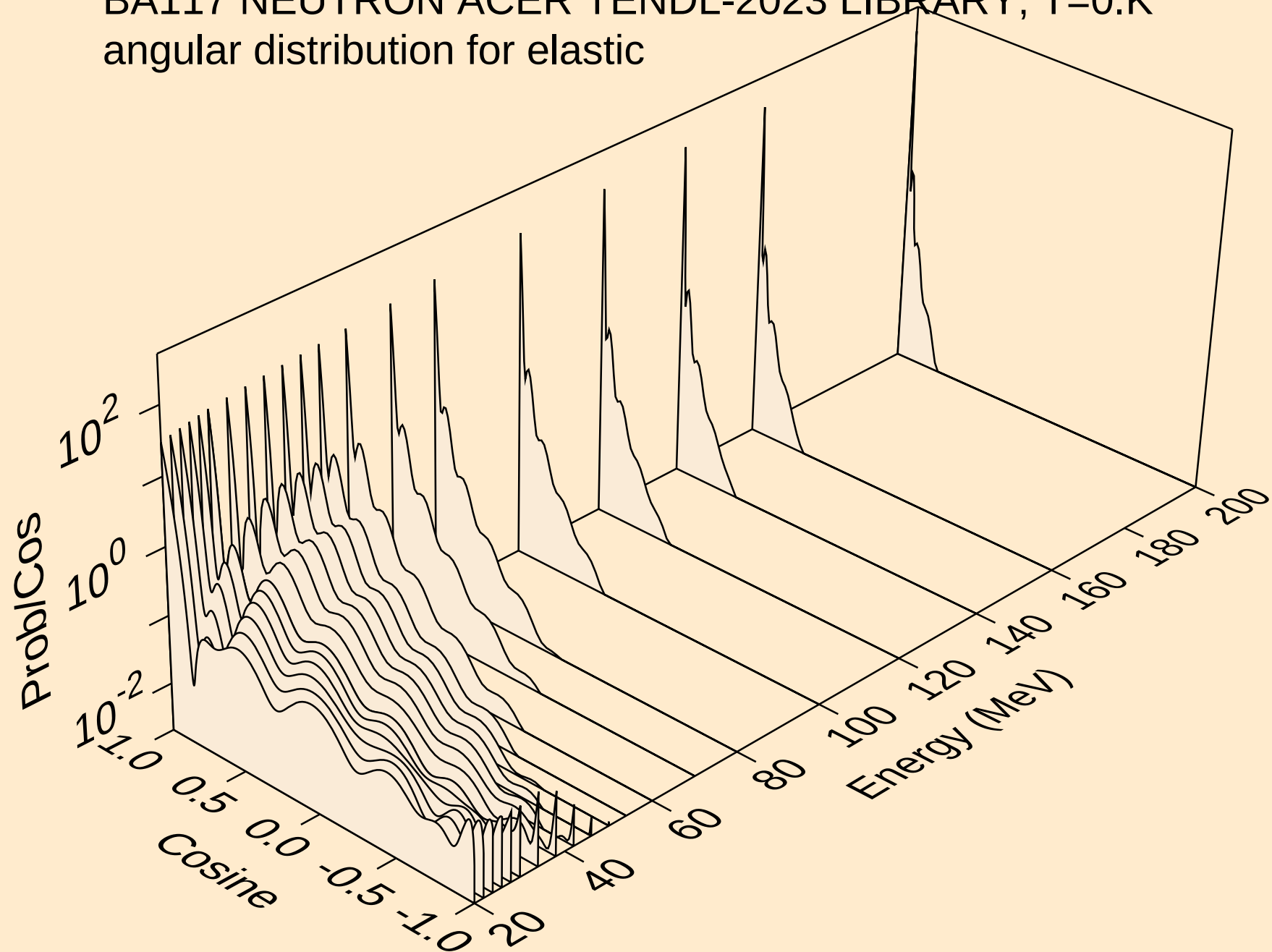
Threshold reactions



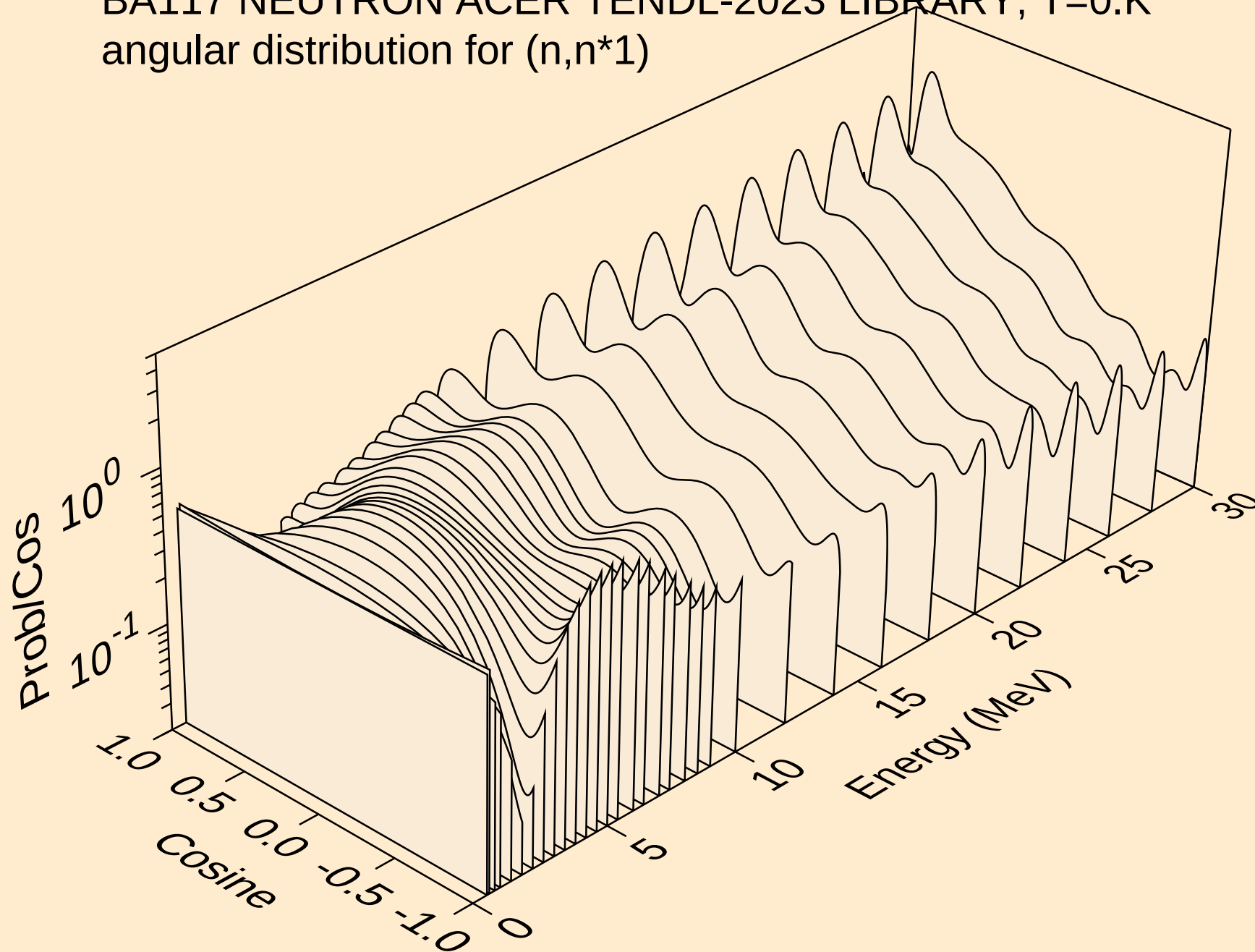
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



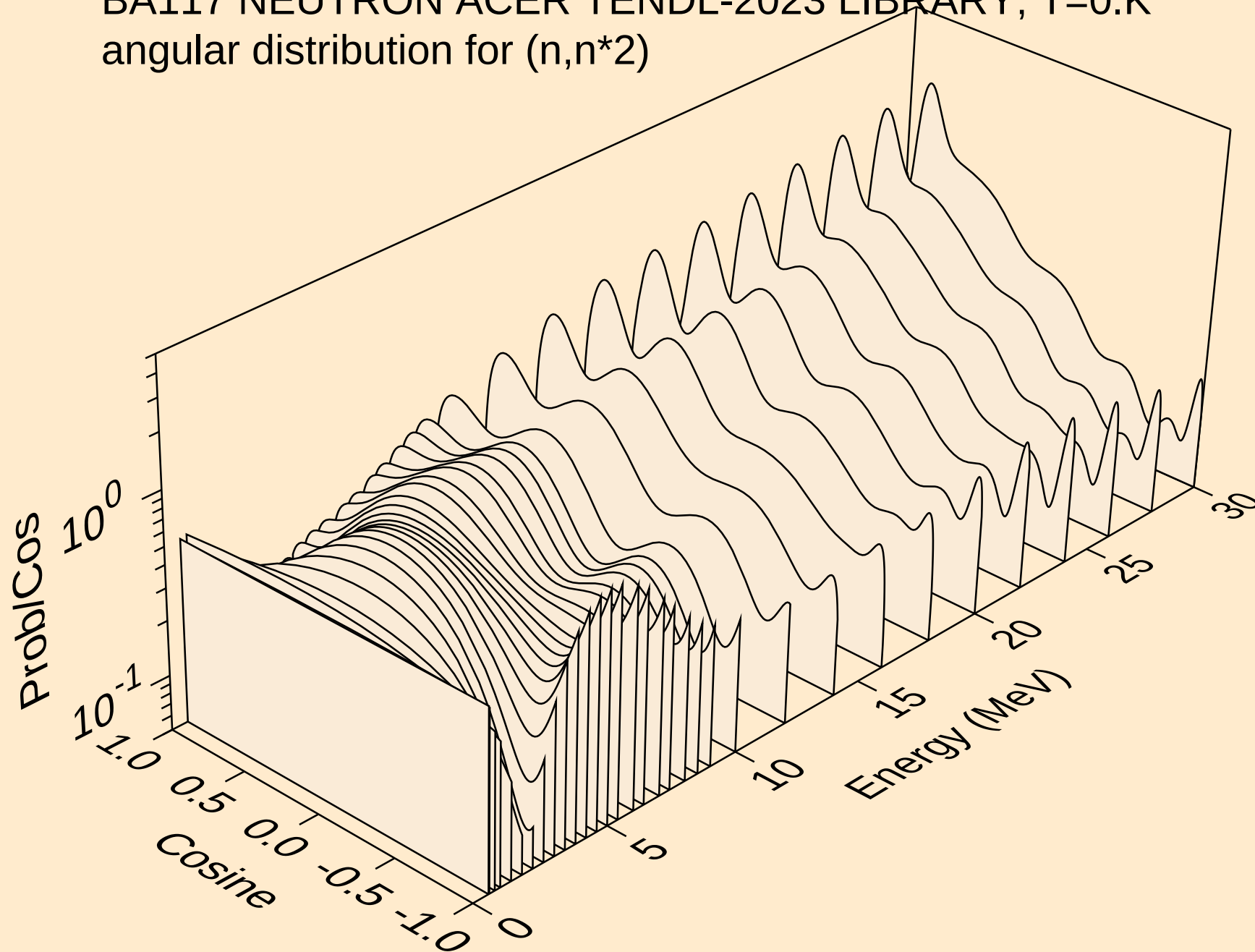
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



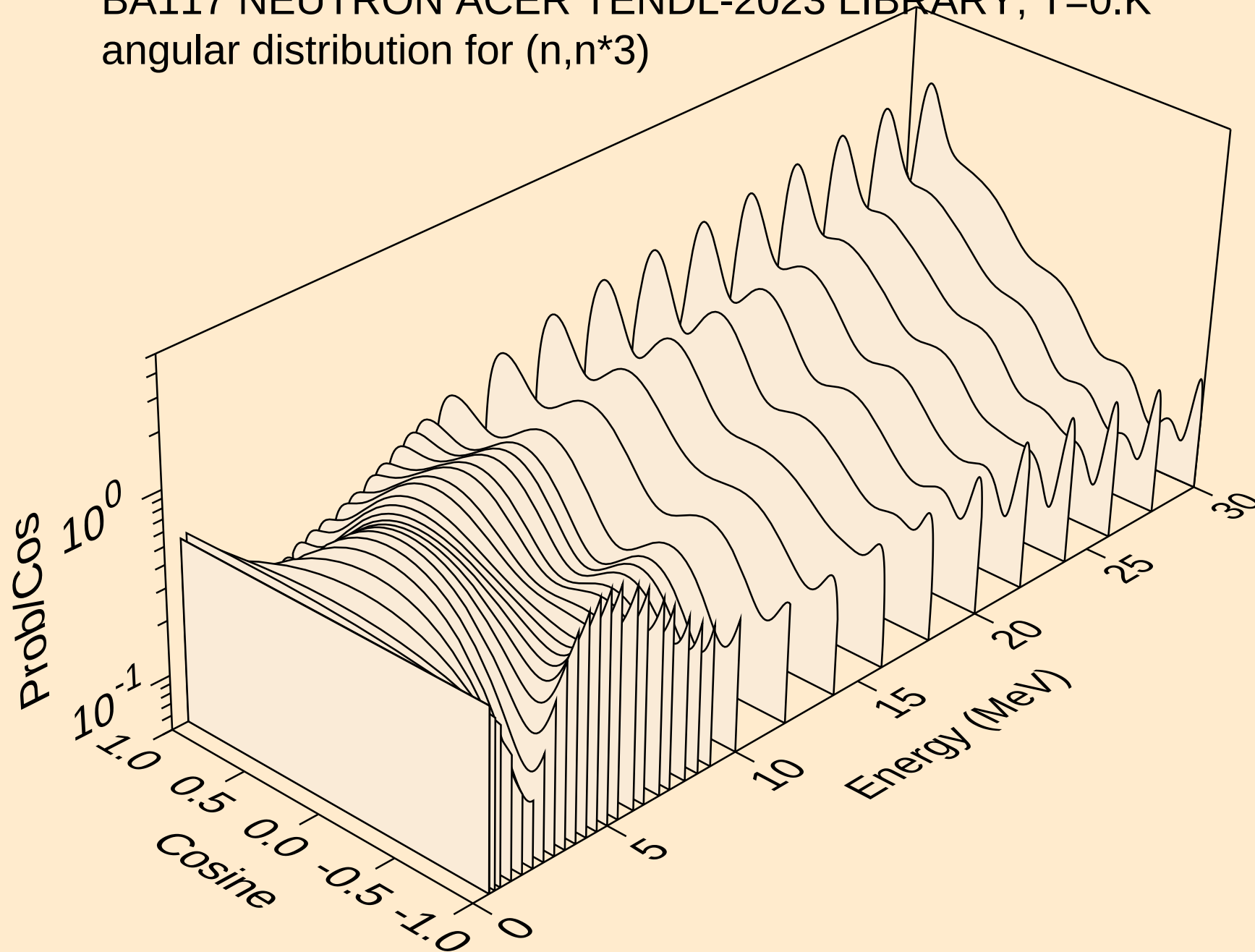
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



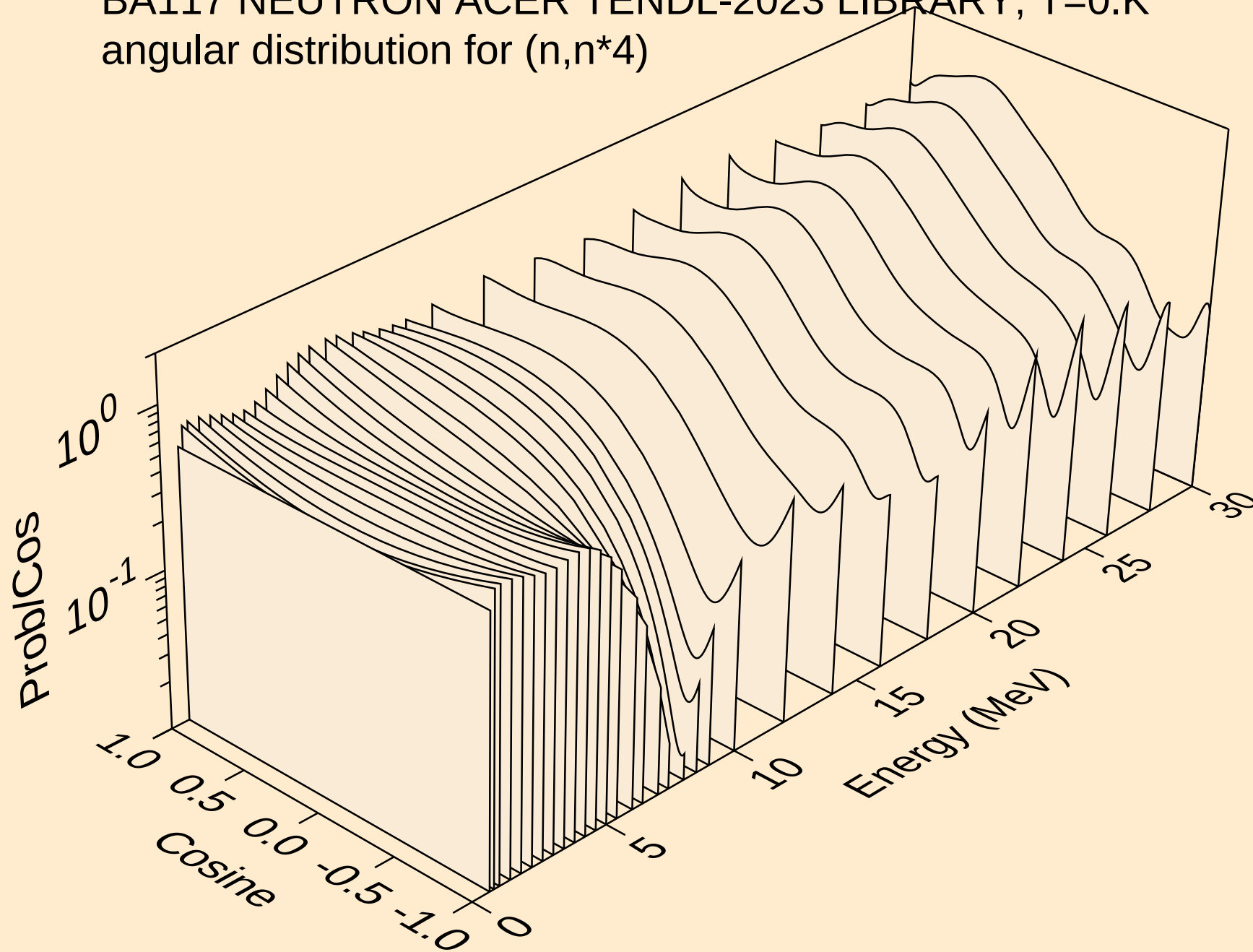
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angular distribution for (n,n*2)



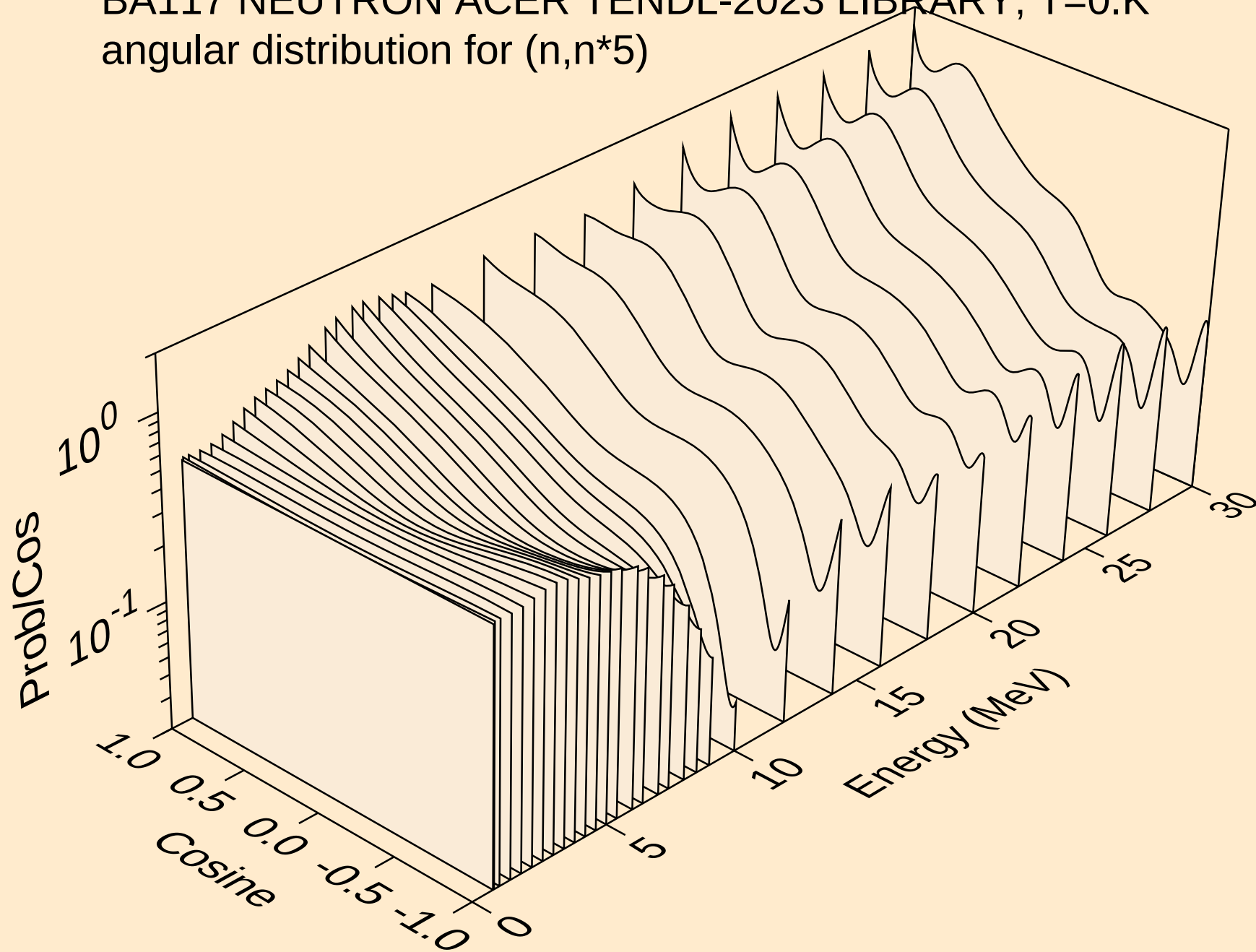
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angular distribution for (n,n*3)



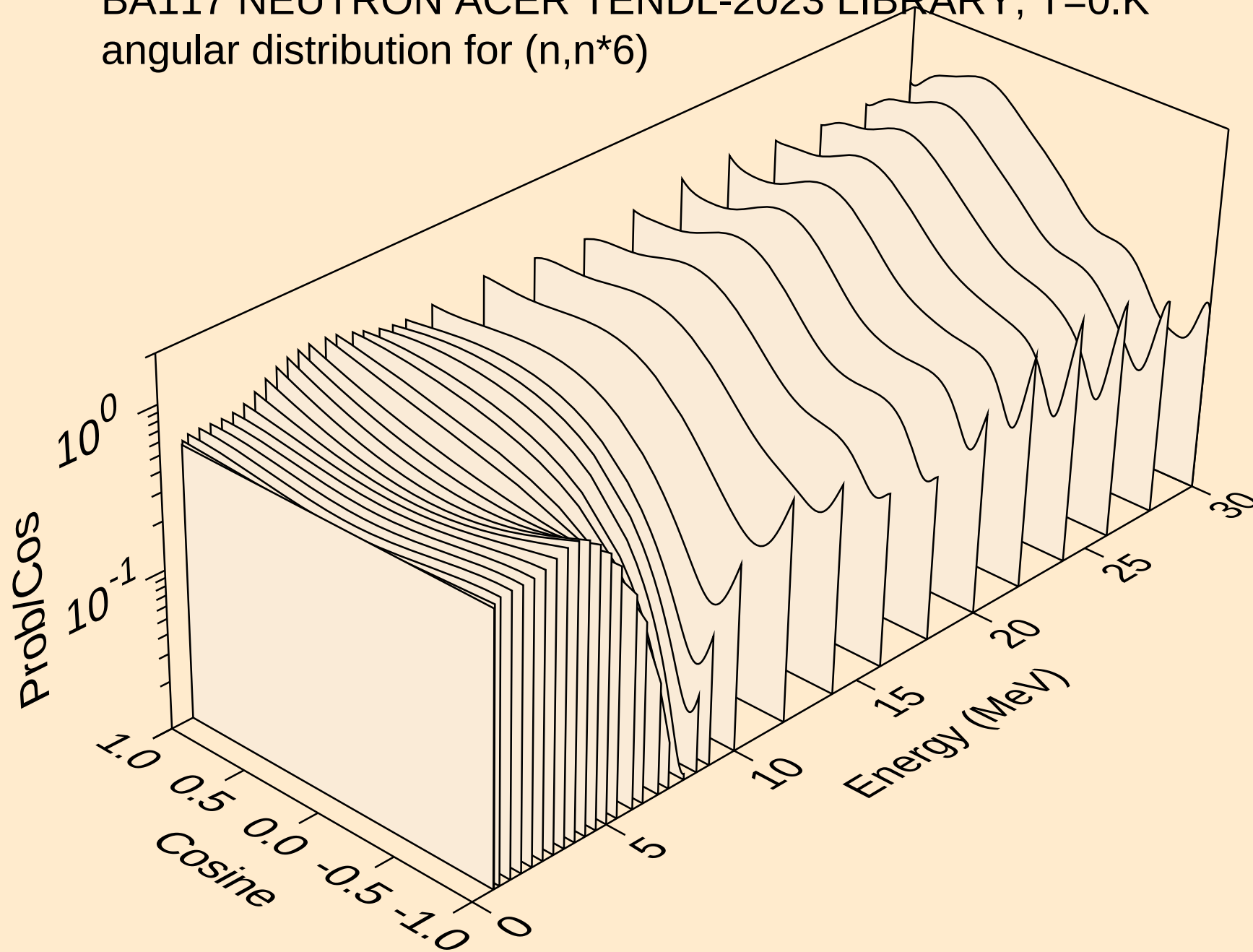
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



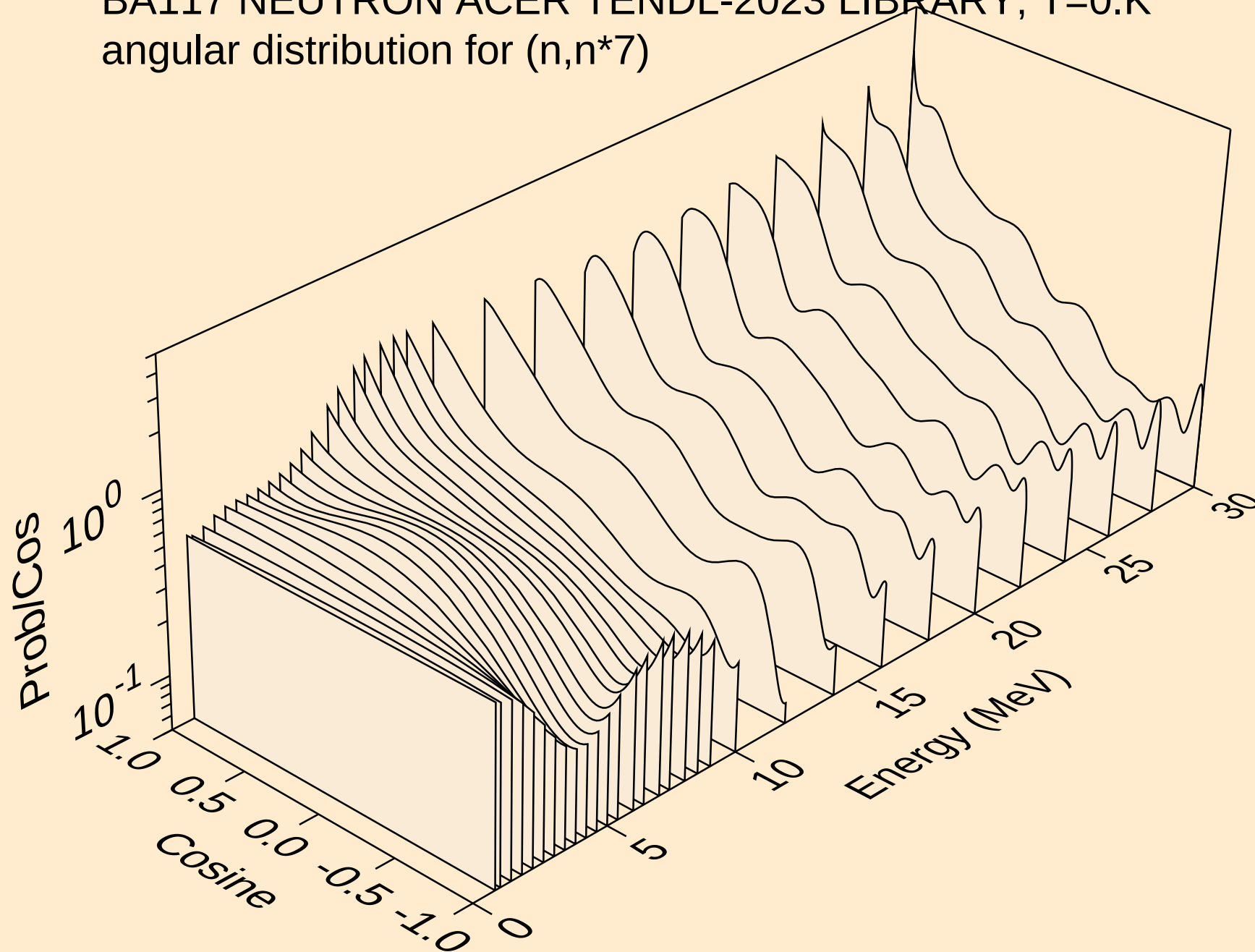
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angular distribution for (n,n*5)



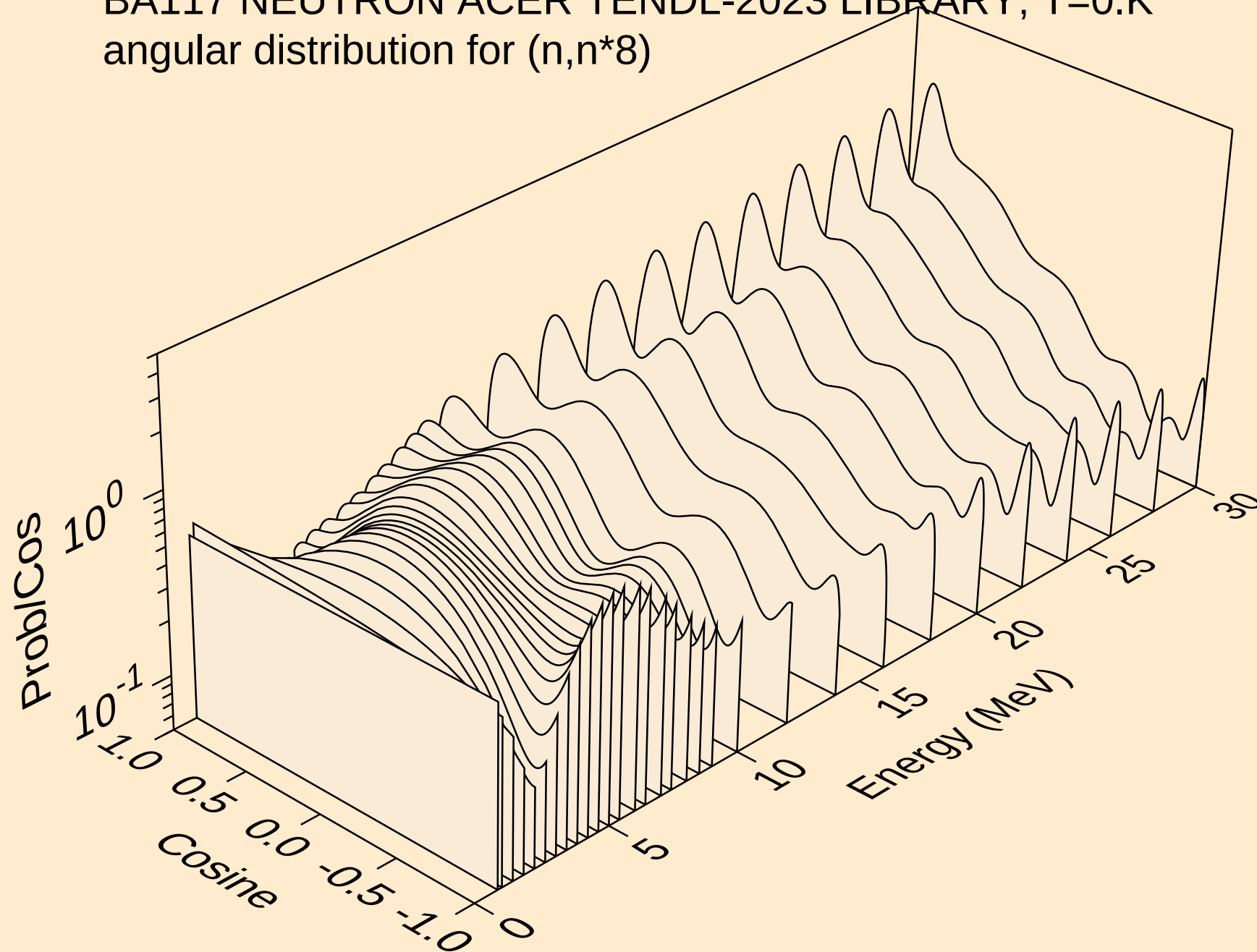
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angular distribution for (n,n*6)



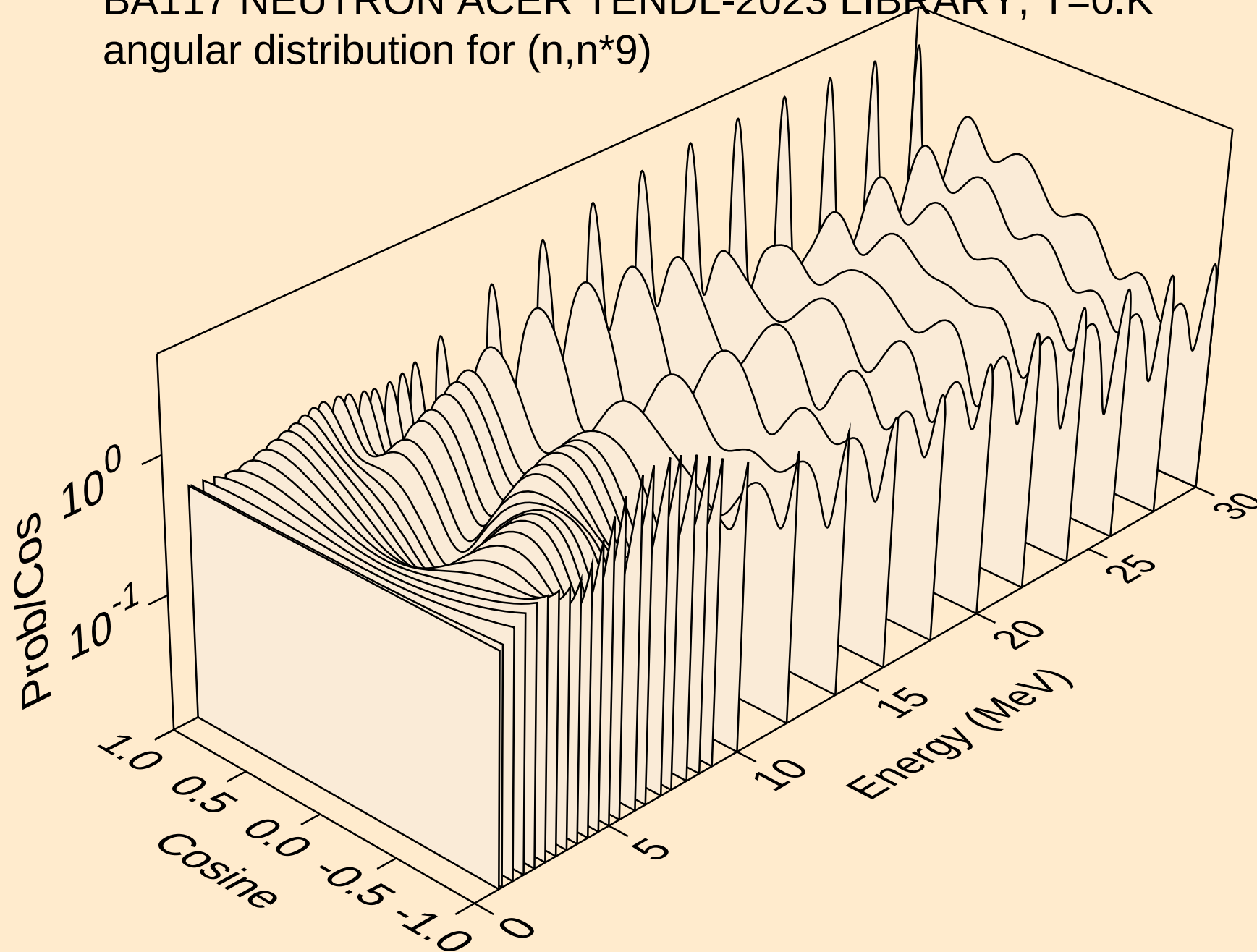
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



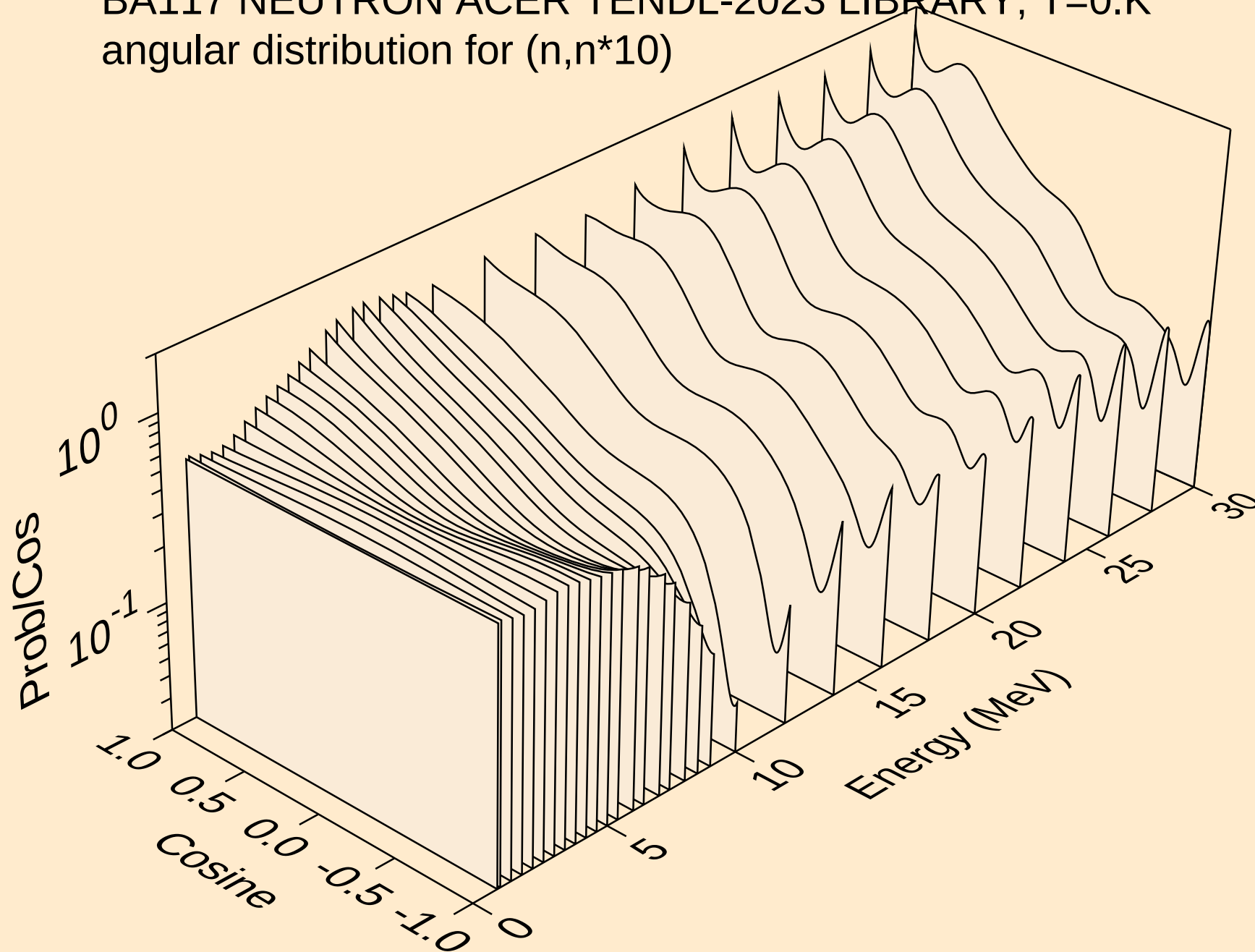
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angular distribution for (n,n*8)



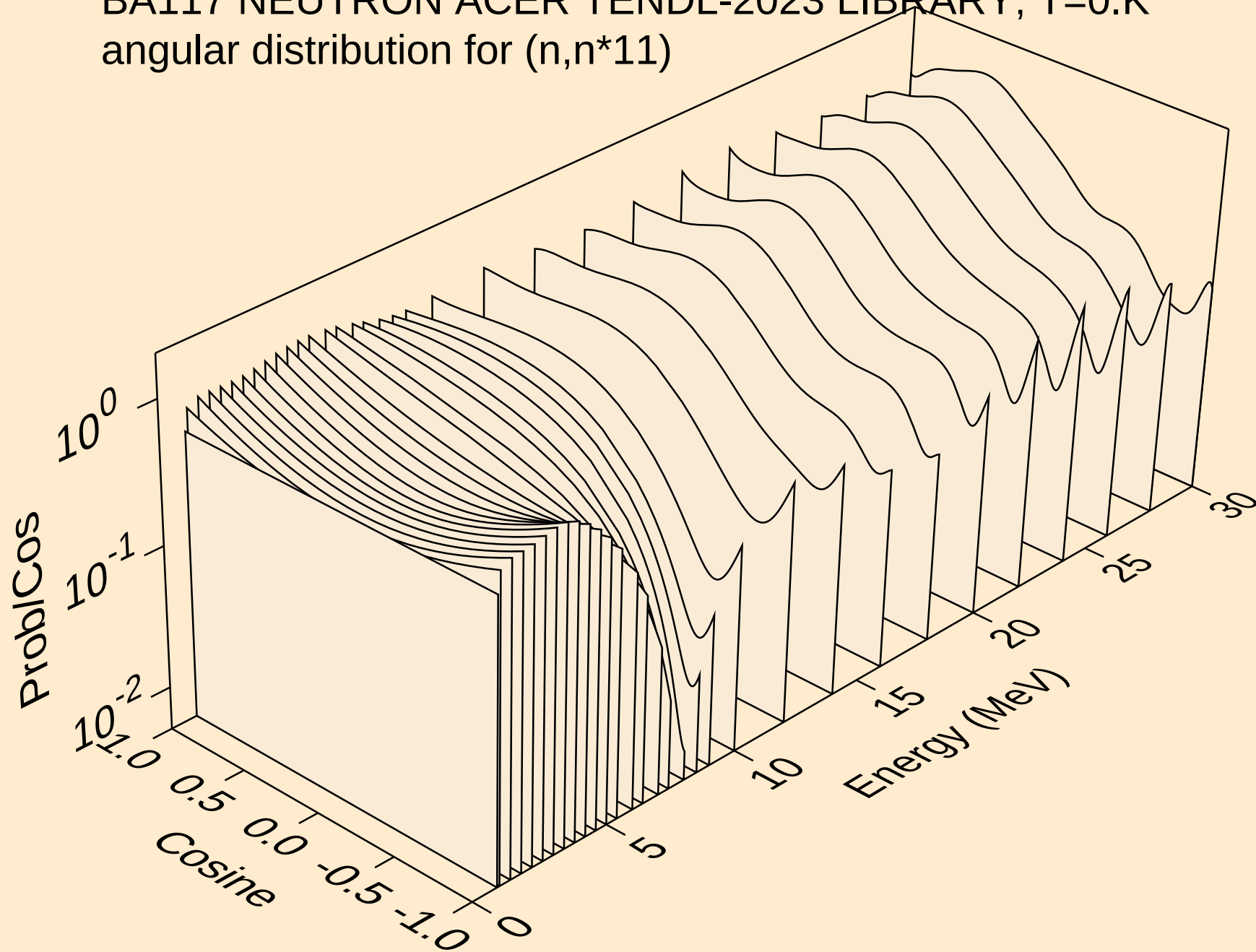
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angular distribution for (n,n*9)



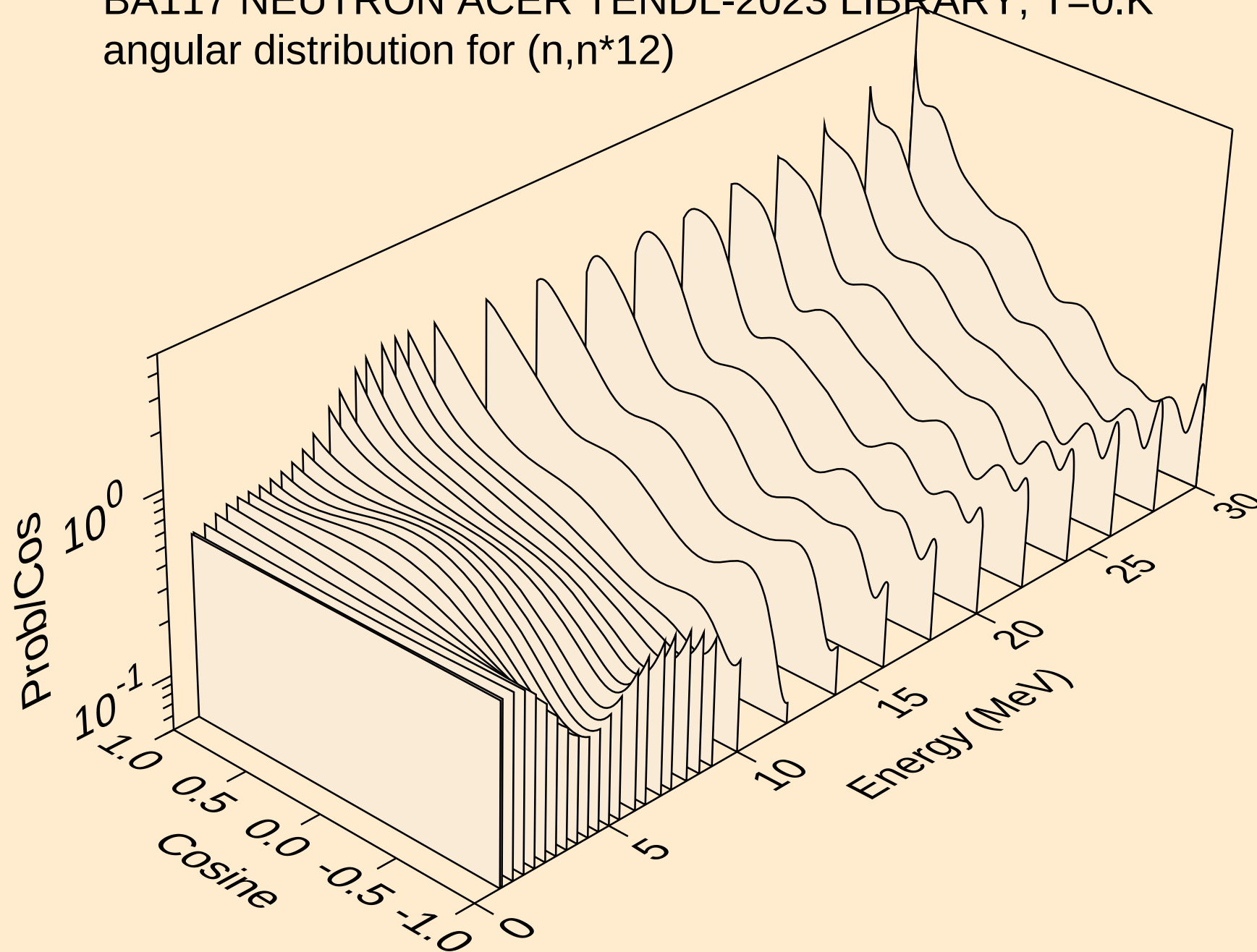
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*10)



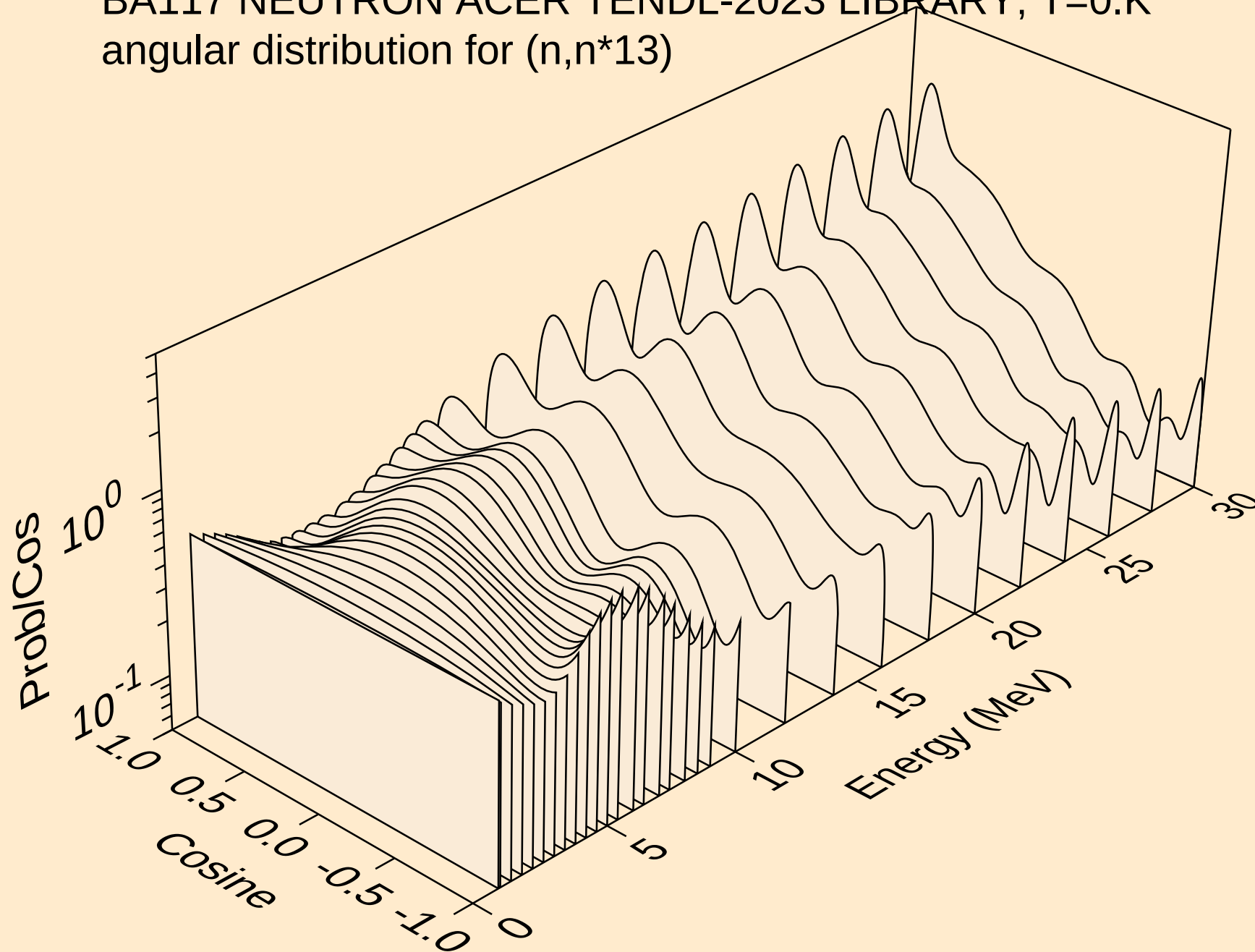
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angular distribution for (n,n*11)



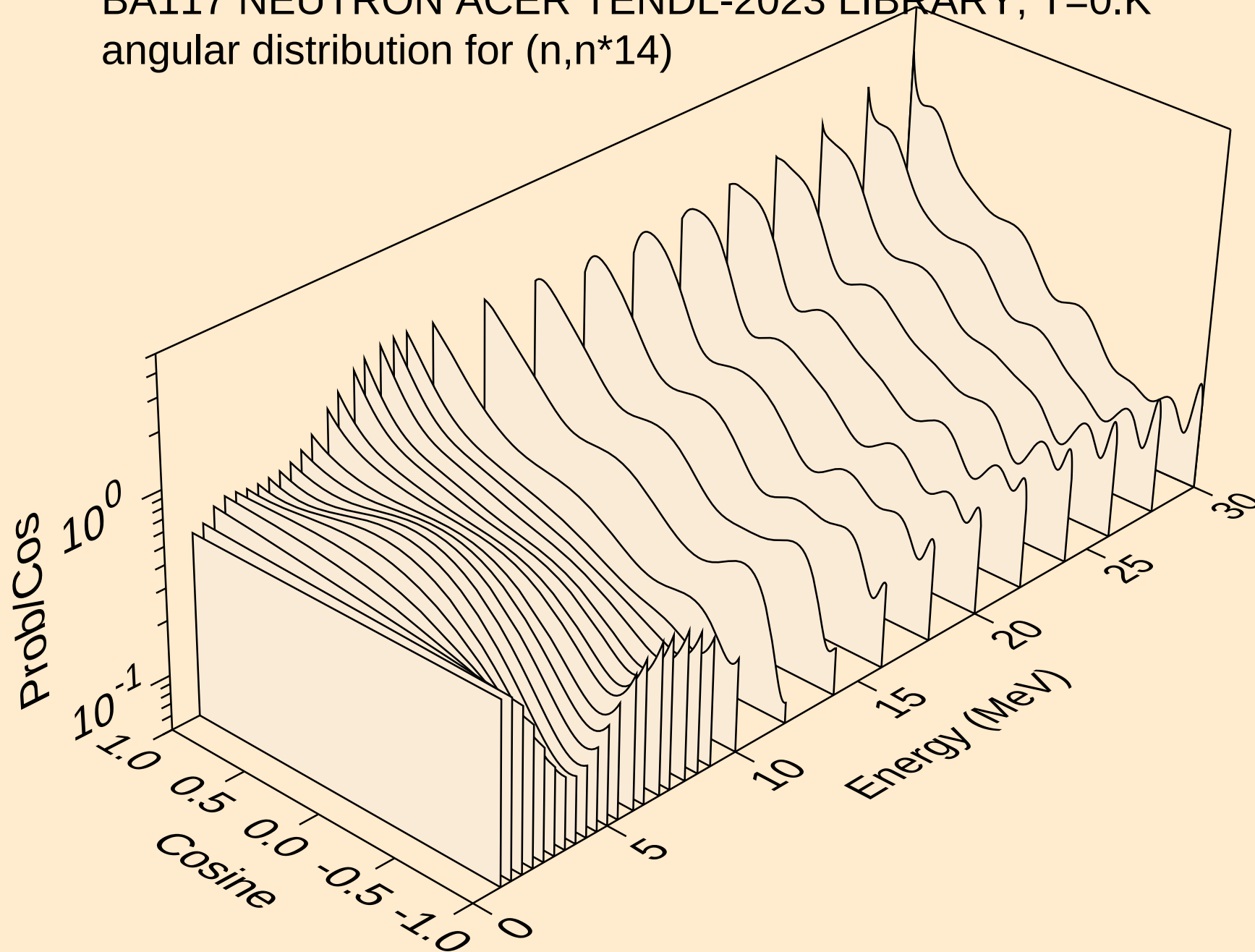
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*12)



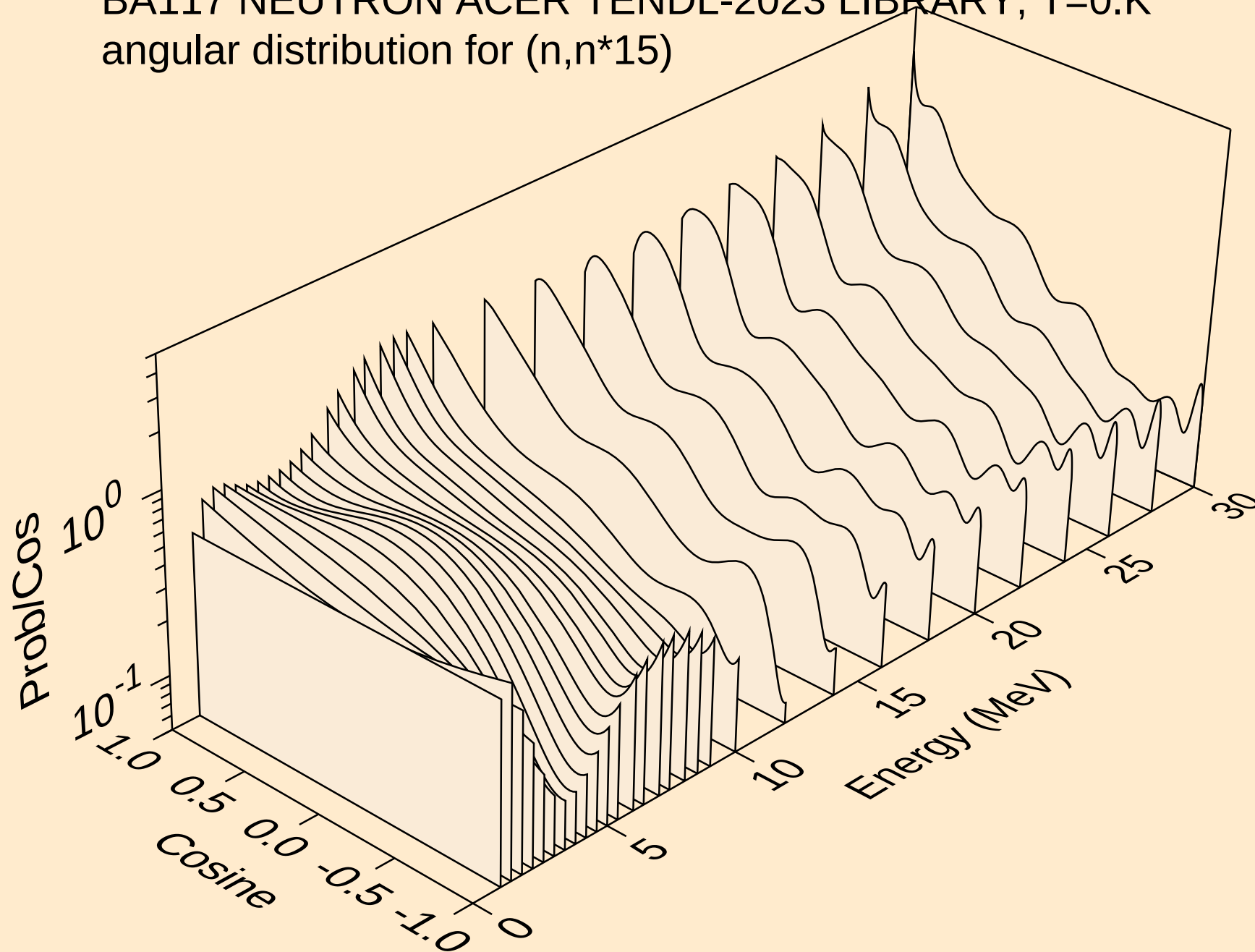
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angular distribution for (n,n*13)



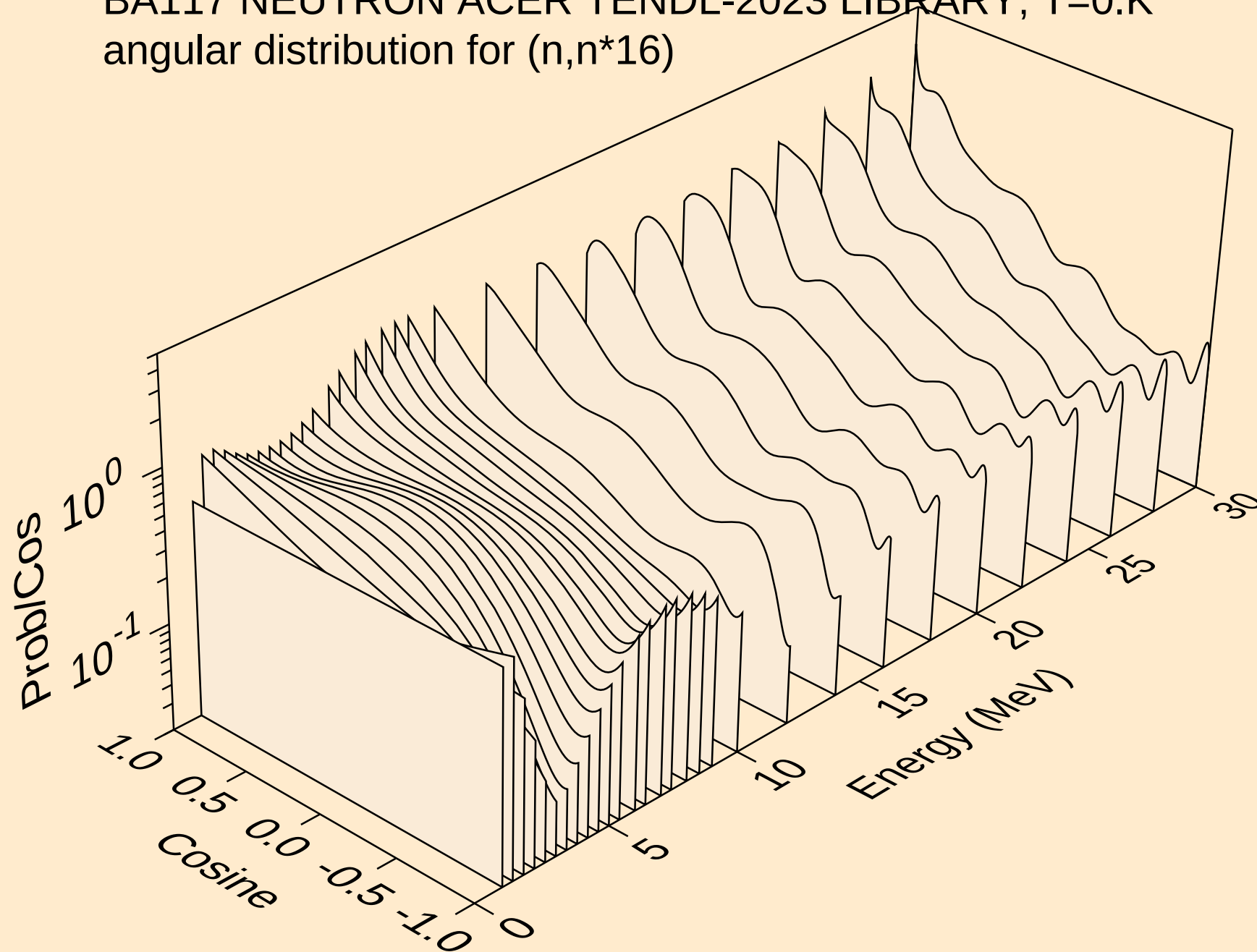
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angular distribution for (n,n*14)



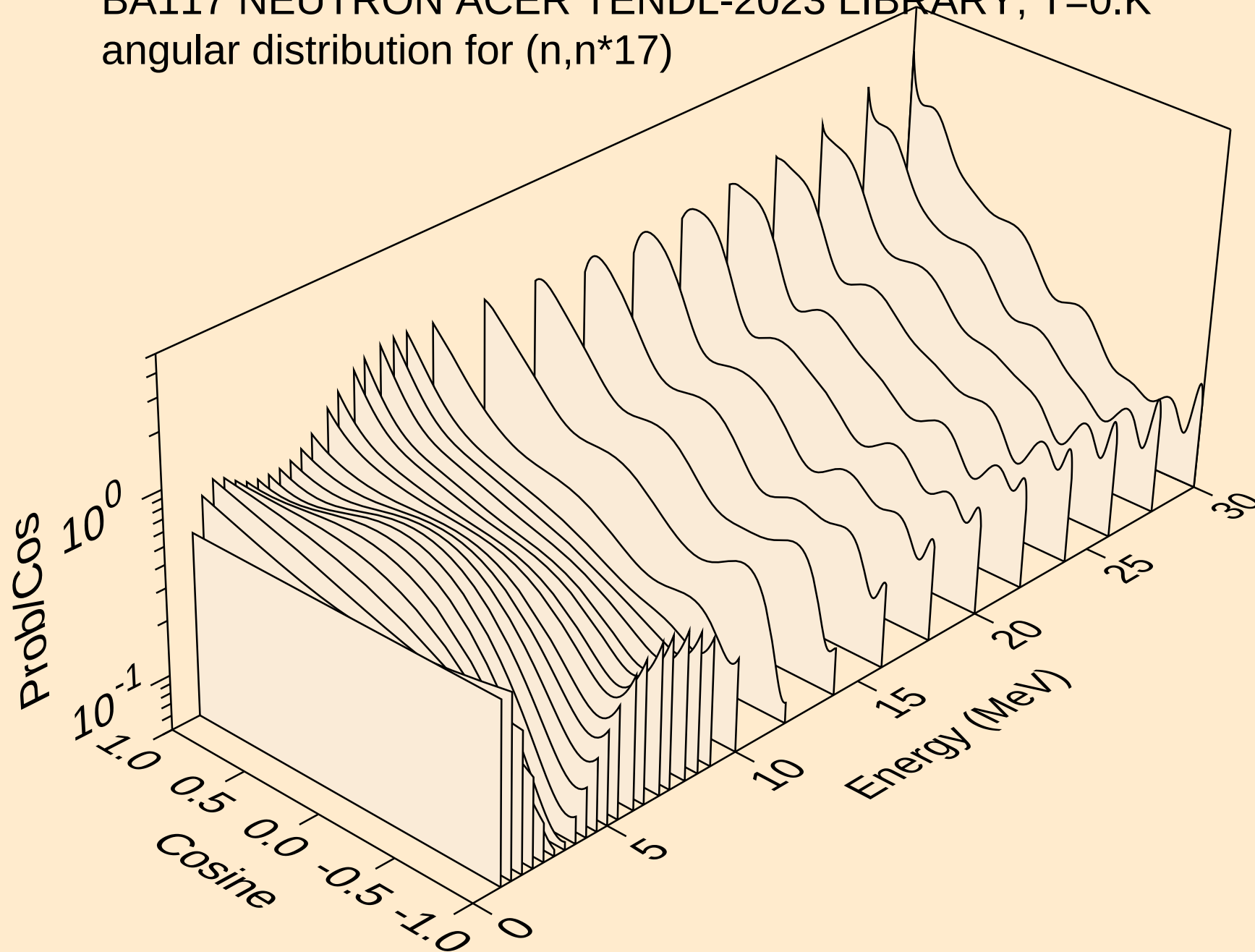
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angular distribution for (n,n*15)



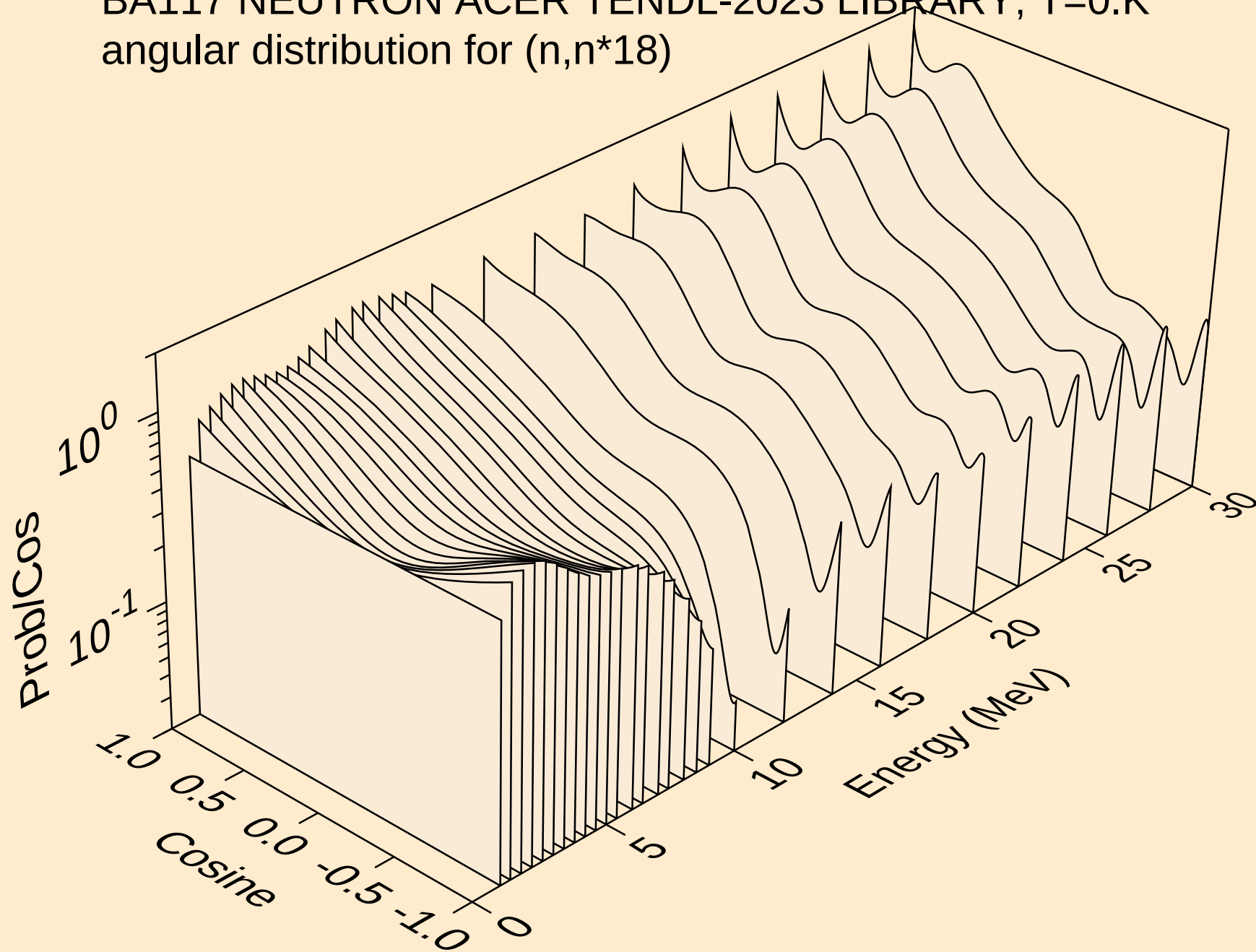
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*16)



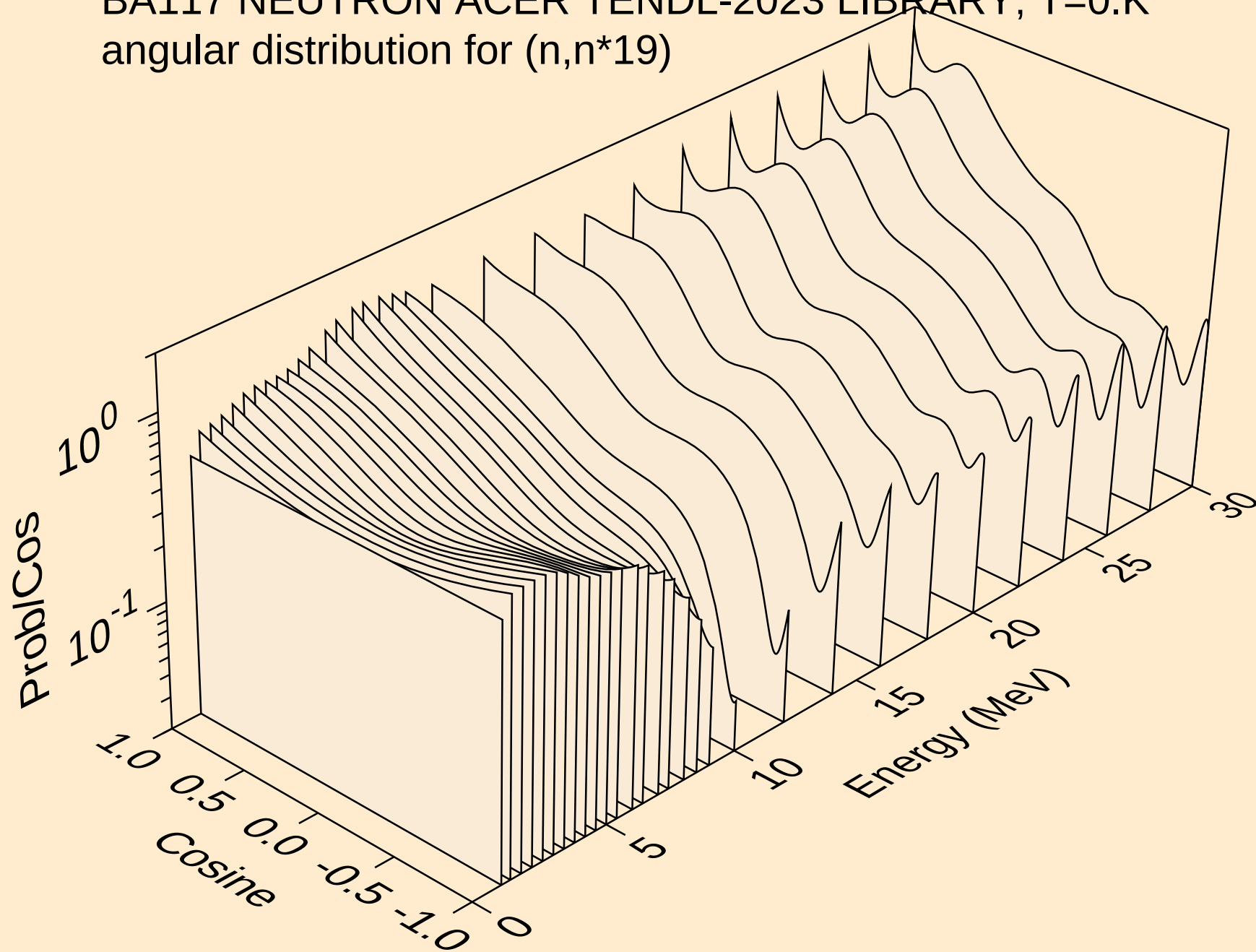
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angular distribution for (n,n*17)



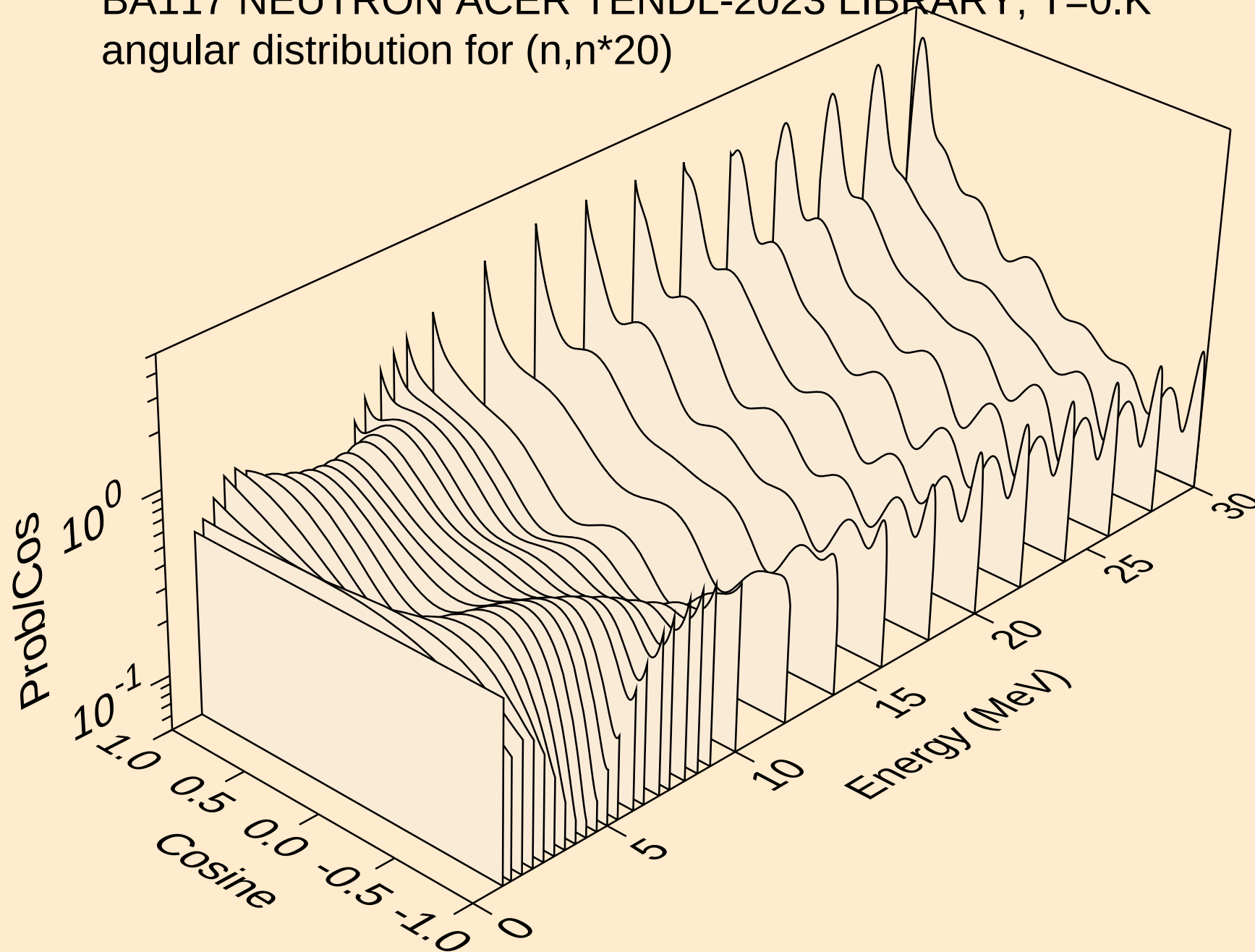
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angular distribution for (n,n*18)



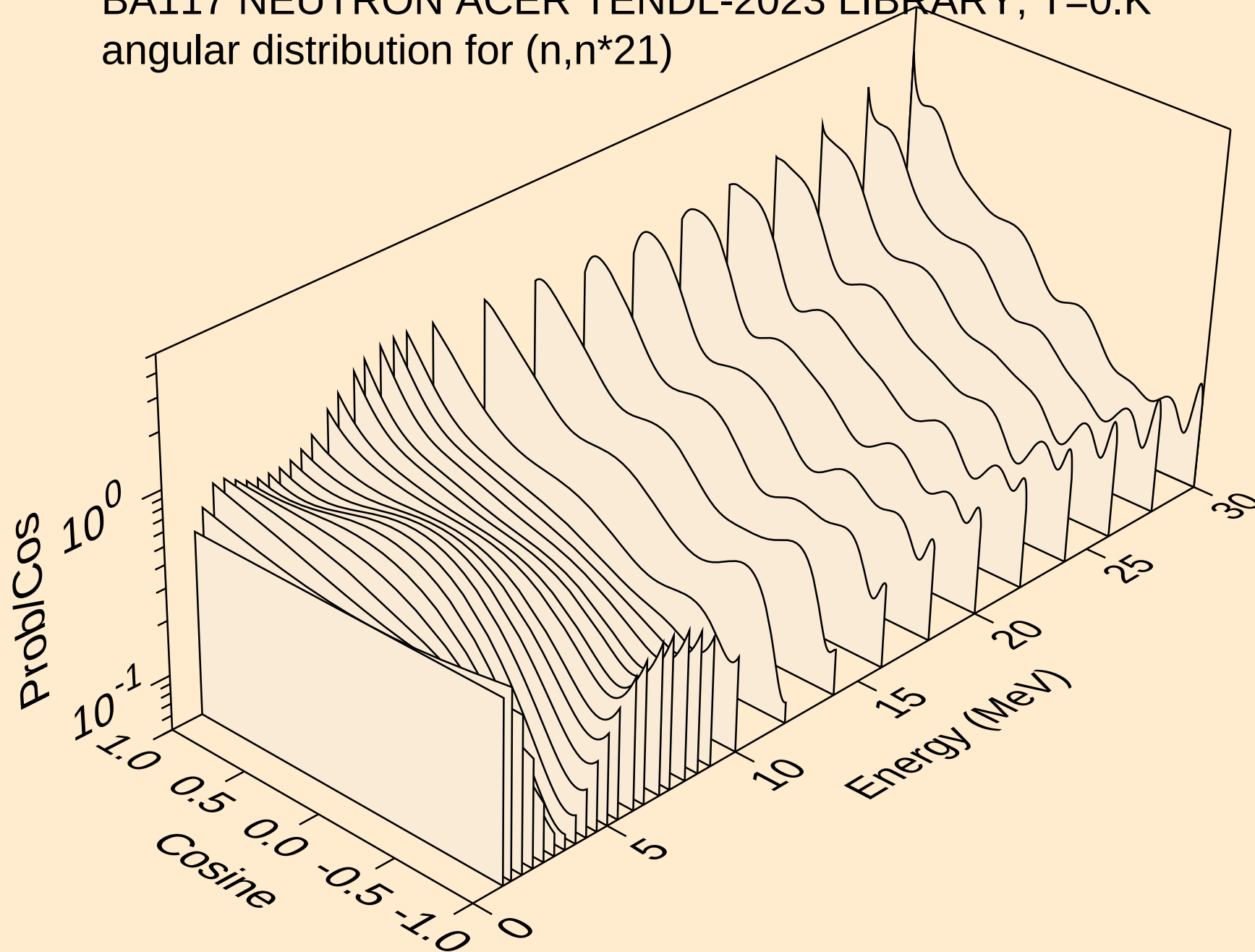
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angular distribution for (n,n*19)



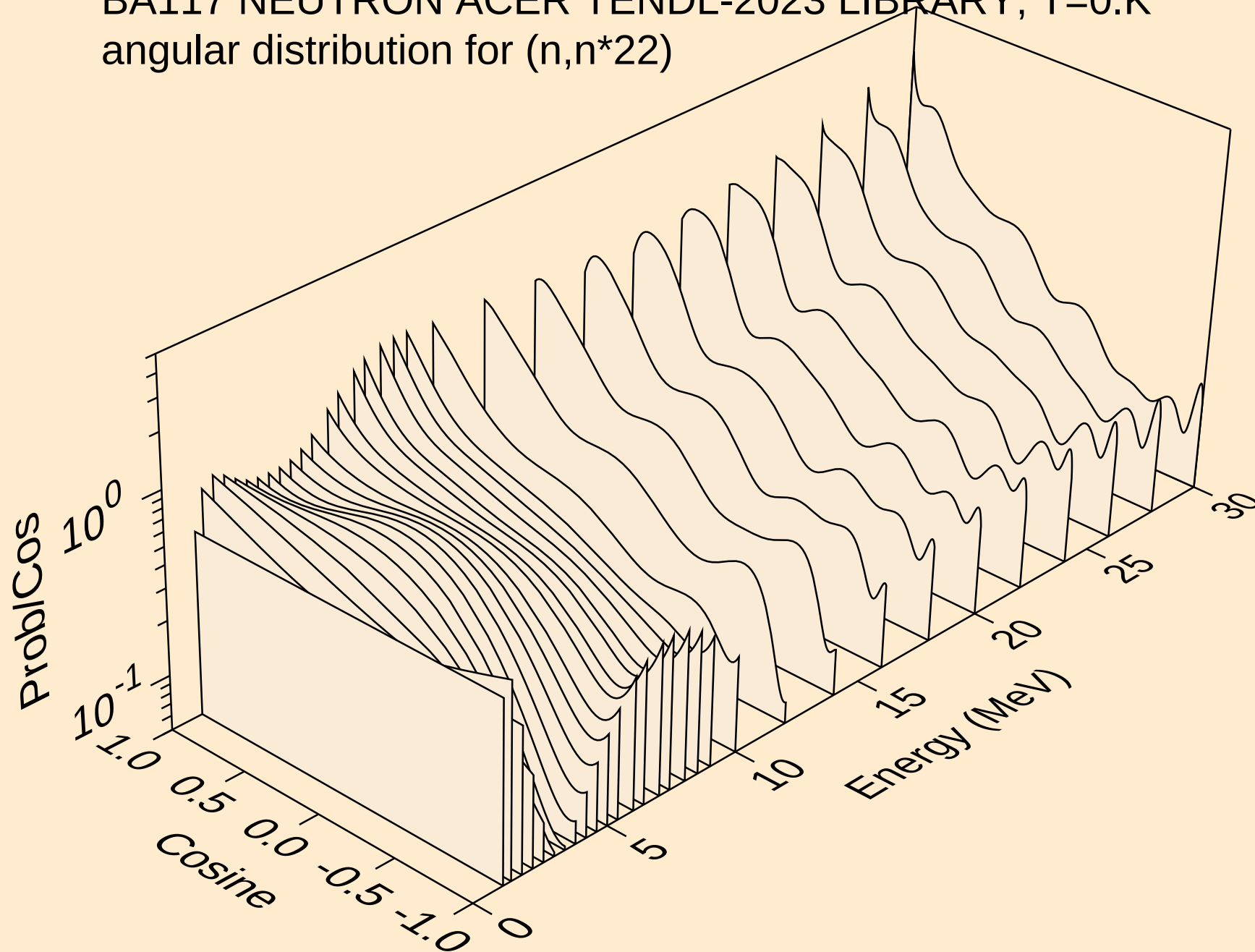
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angular distribution for (n,n*20)



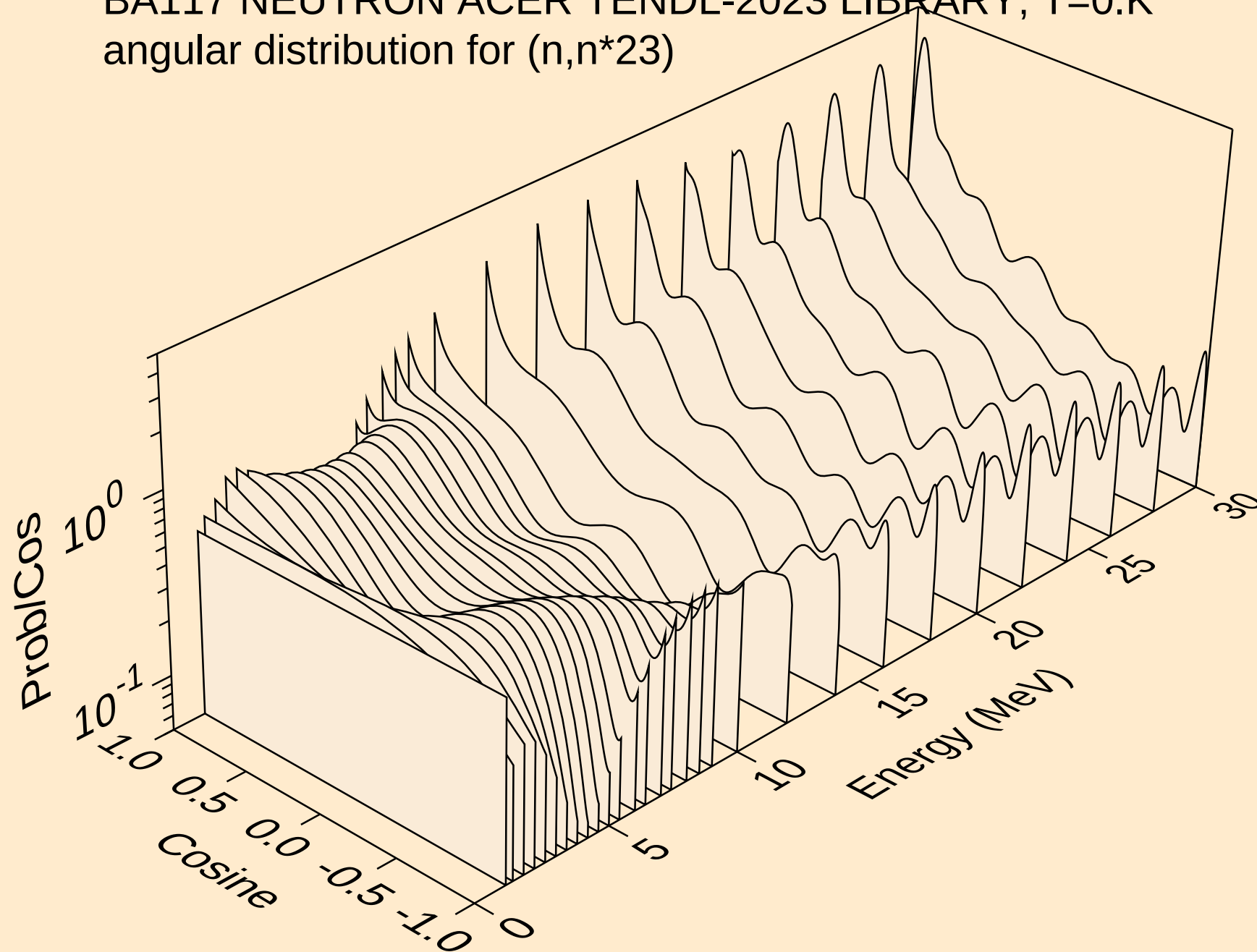
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angular distribution for (n,n*21)



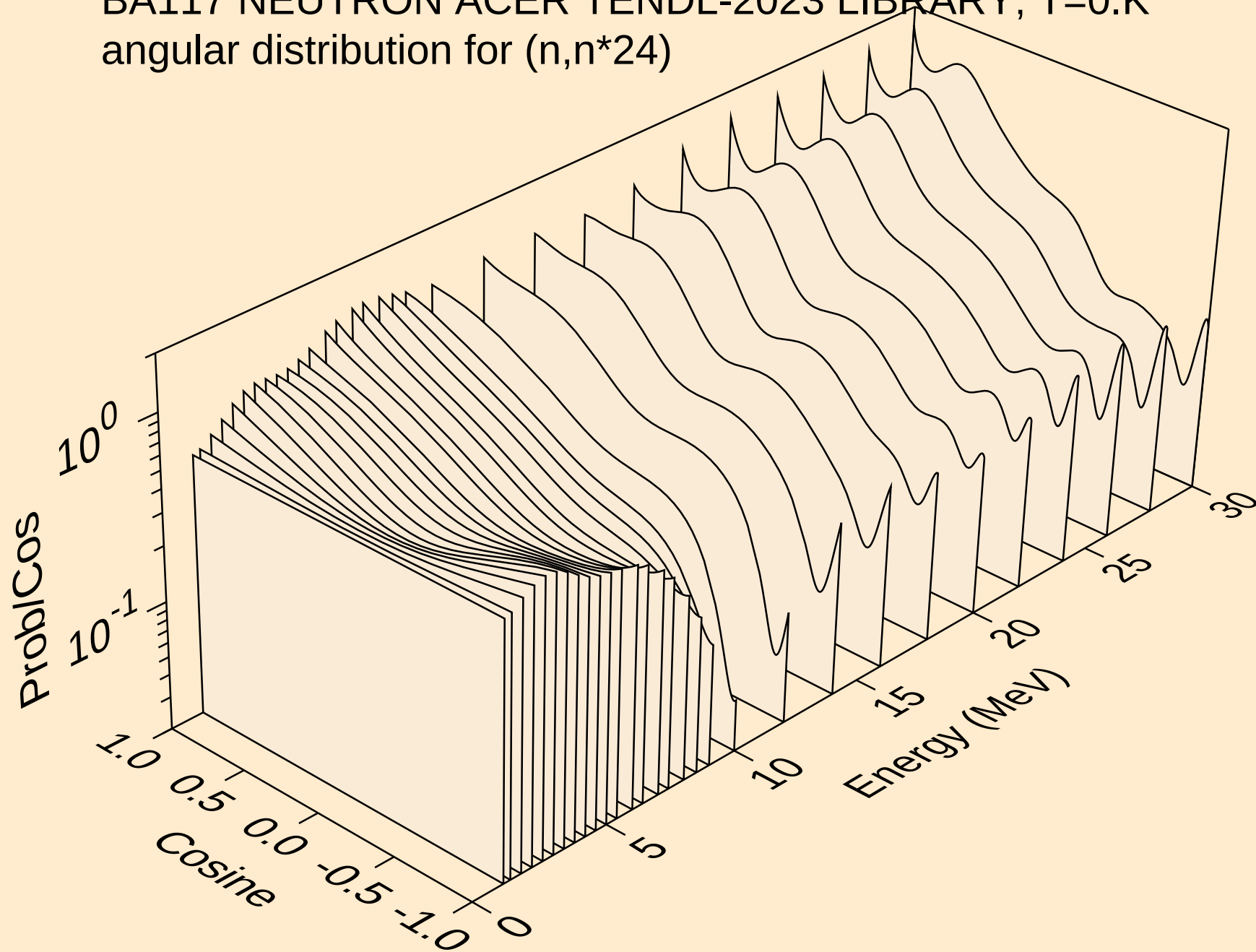
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angular distribution for (n,n*22)



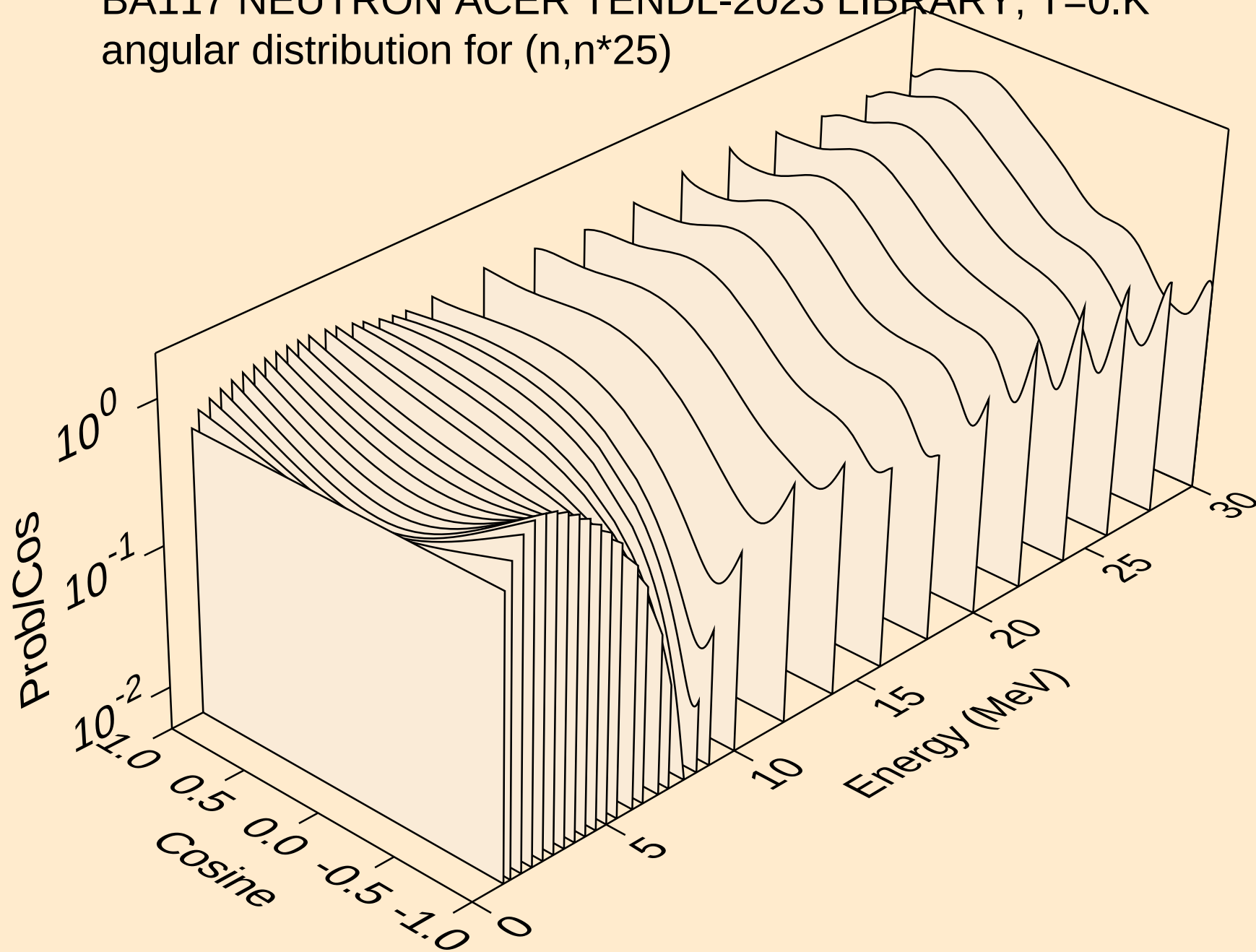
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angular distribution for (n,n*23)



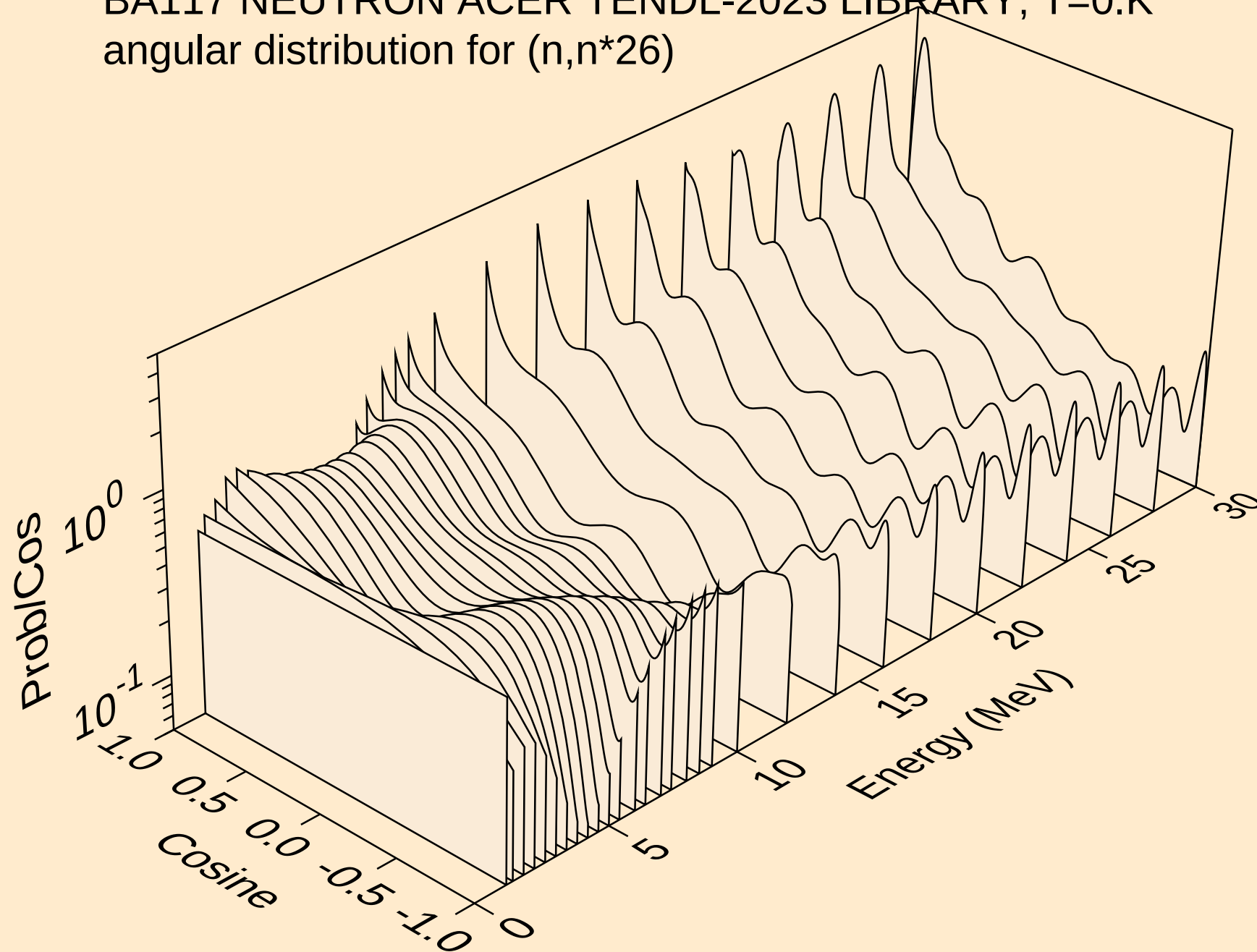
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*24)



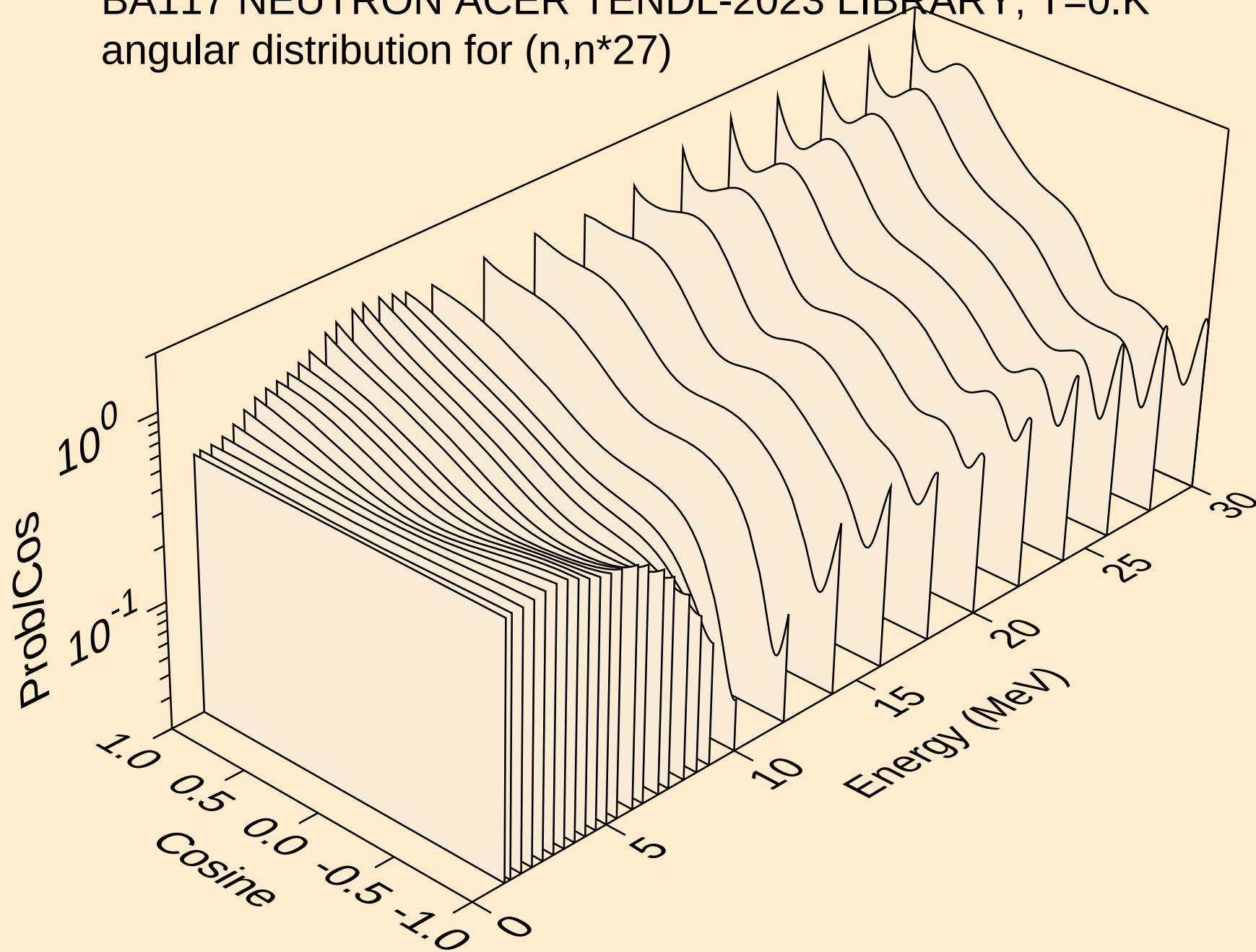
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*25)



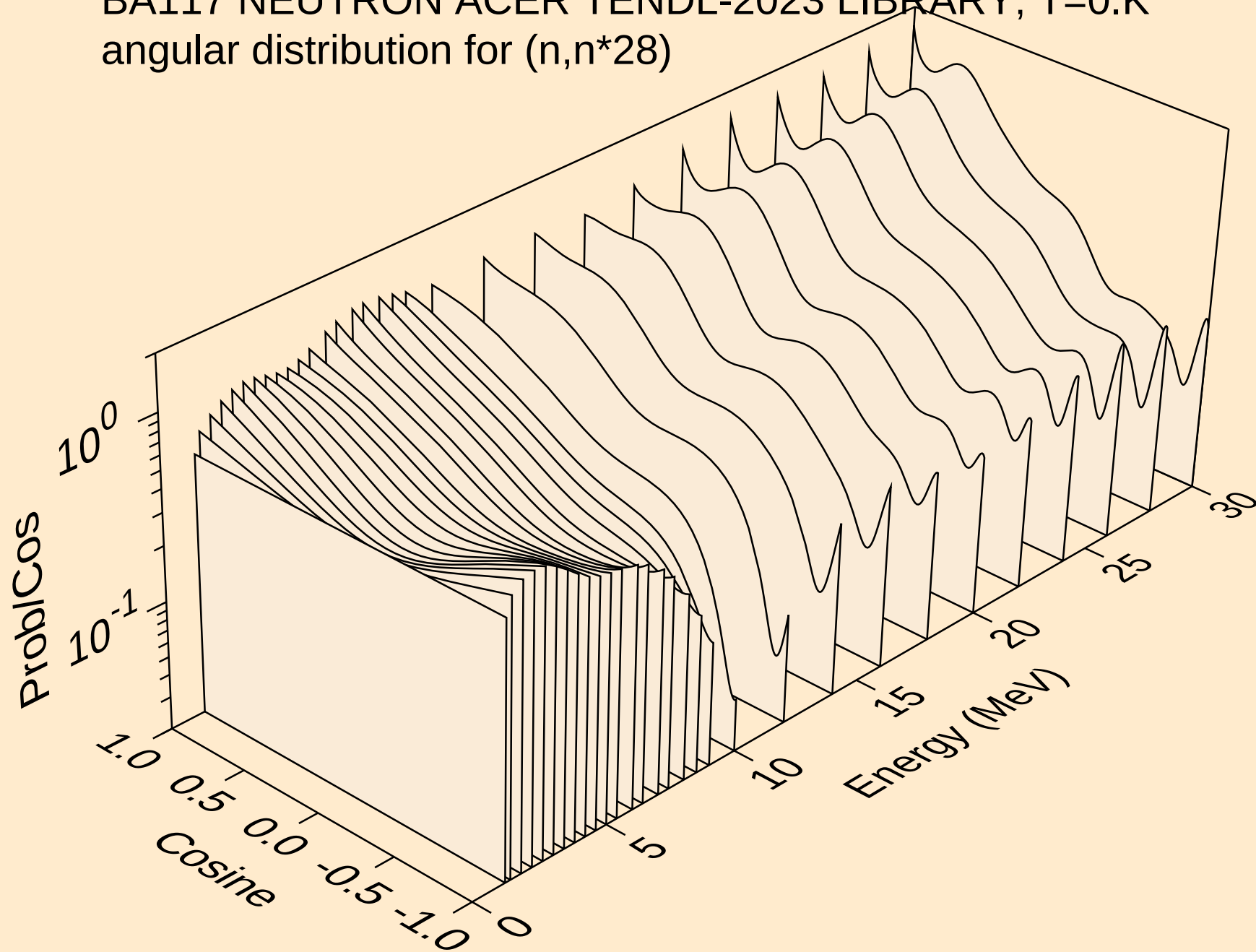
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*26)



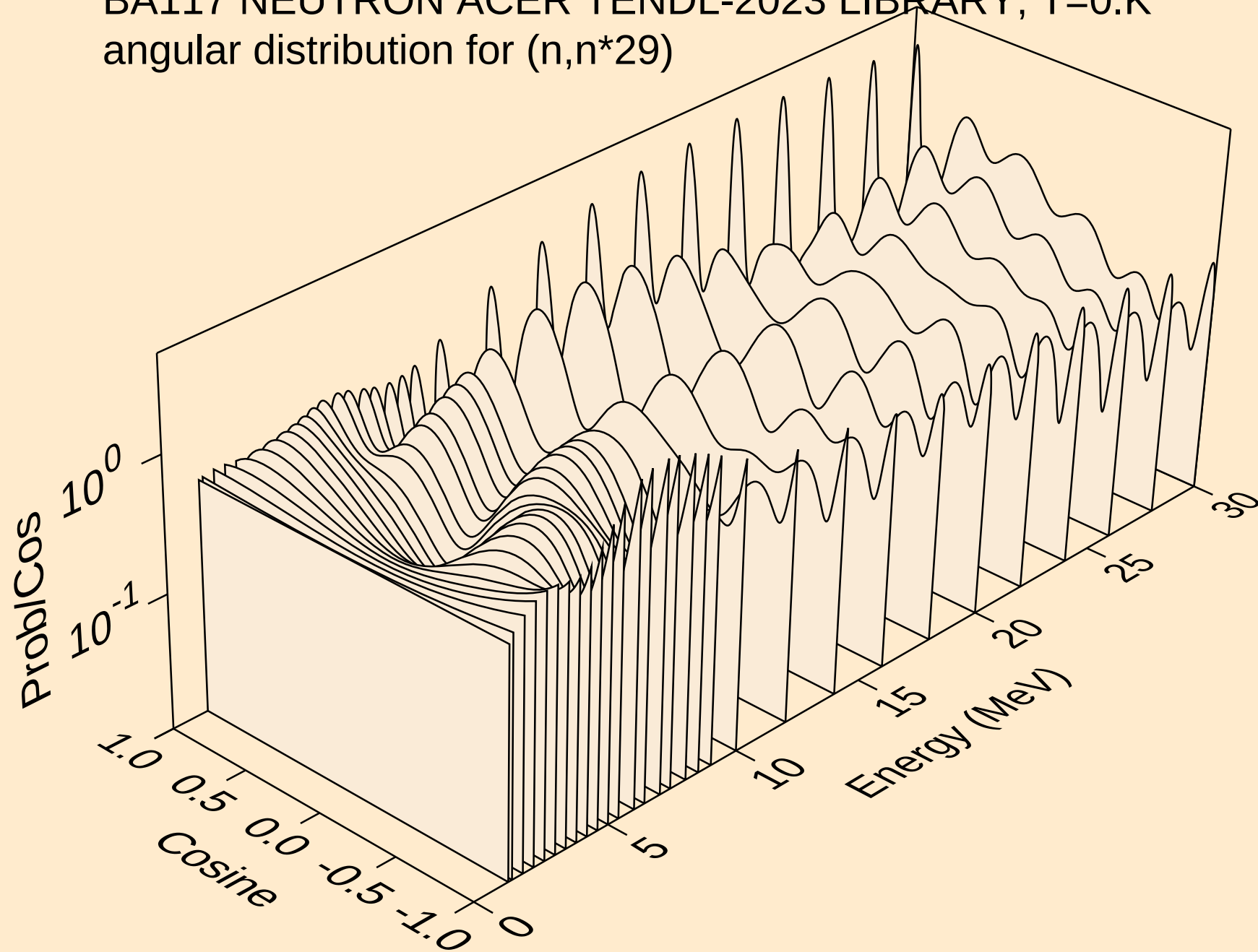
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*27)



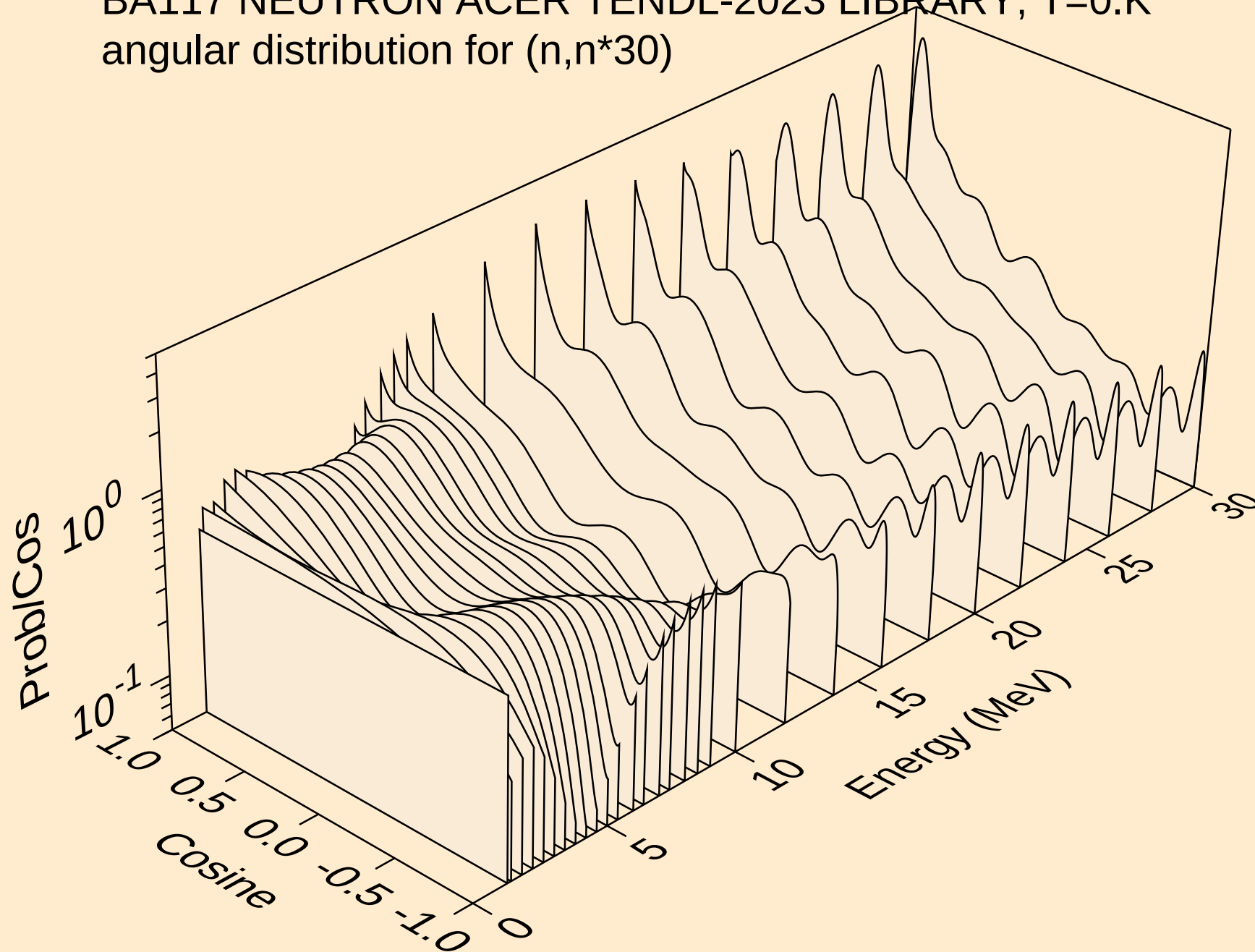
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*28)



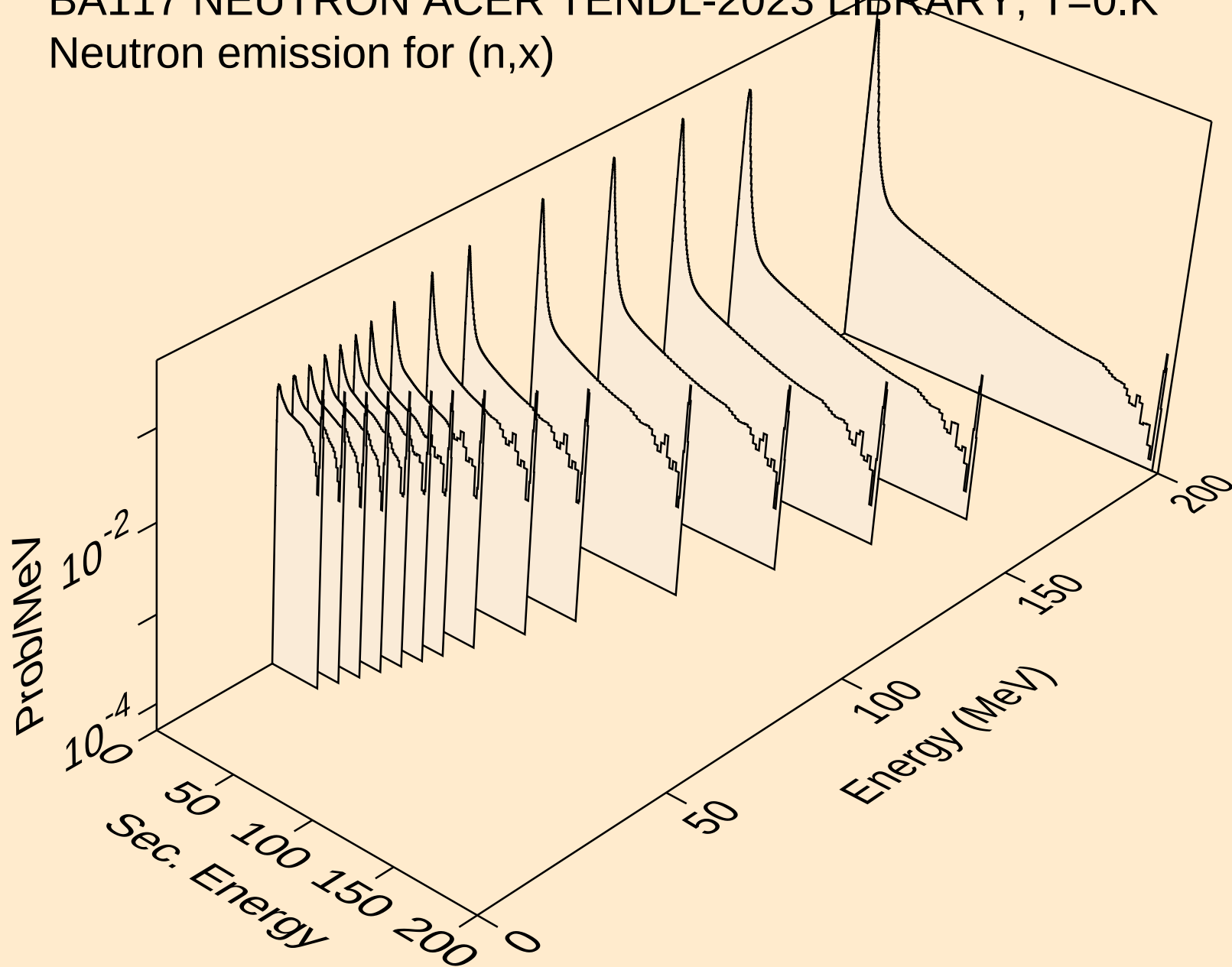
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*29)



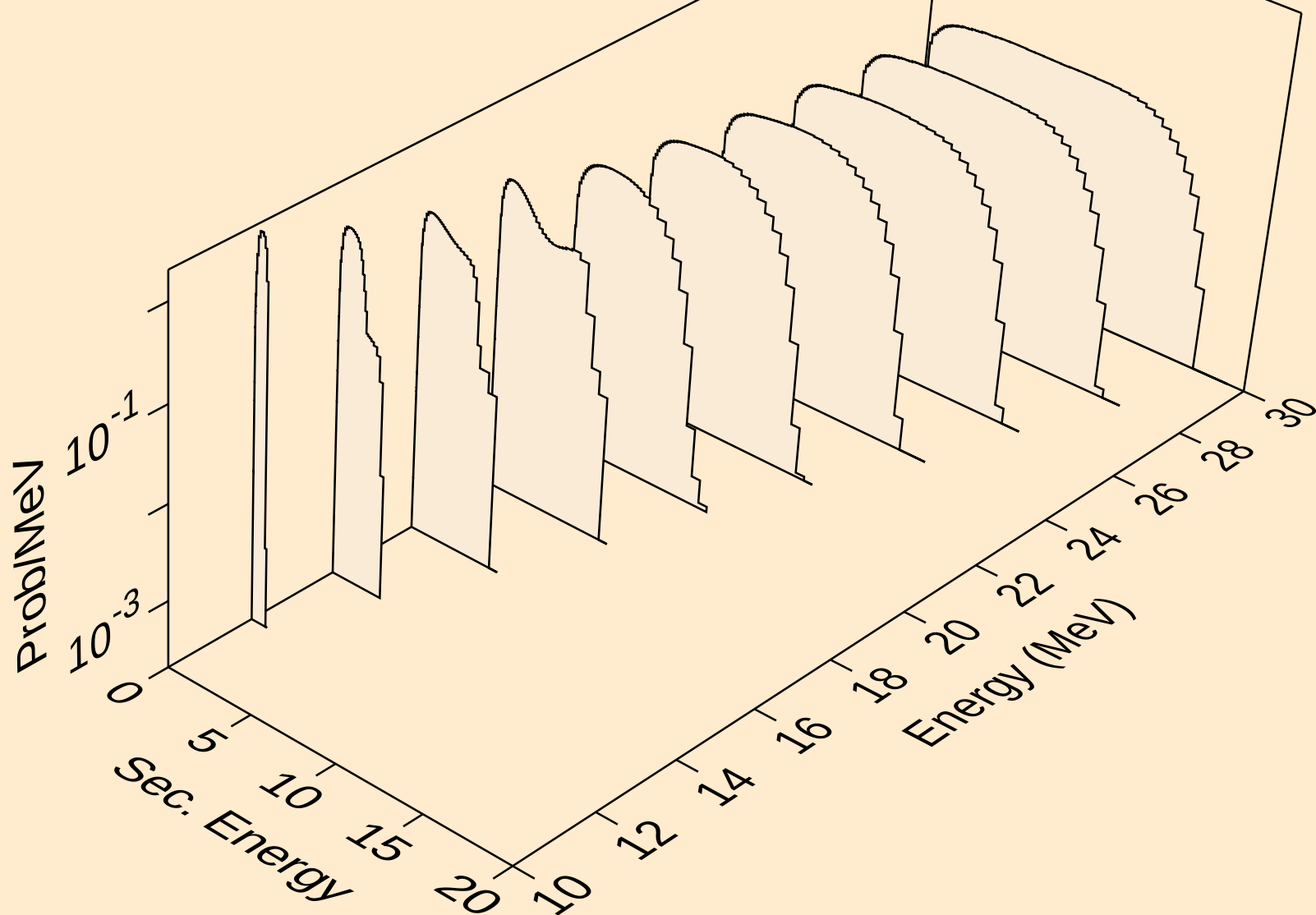
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*30)



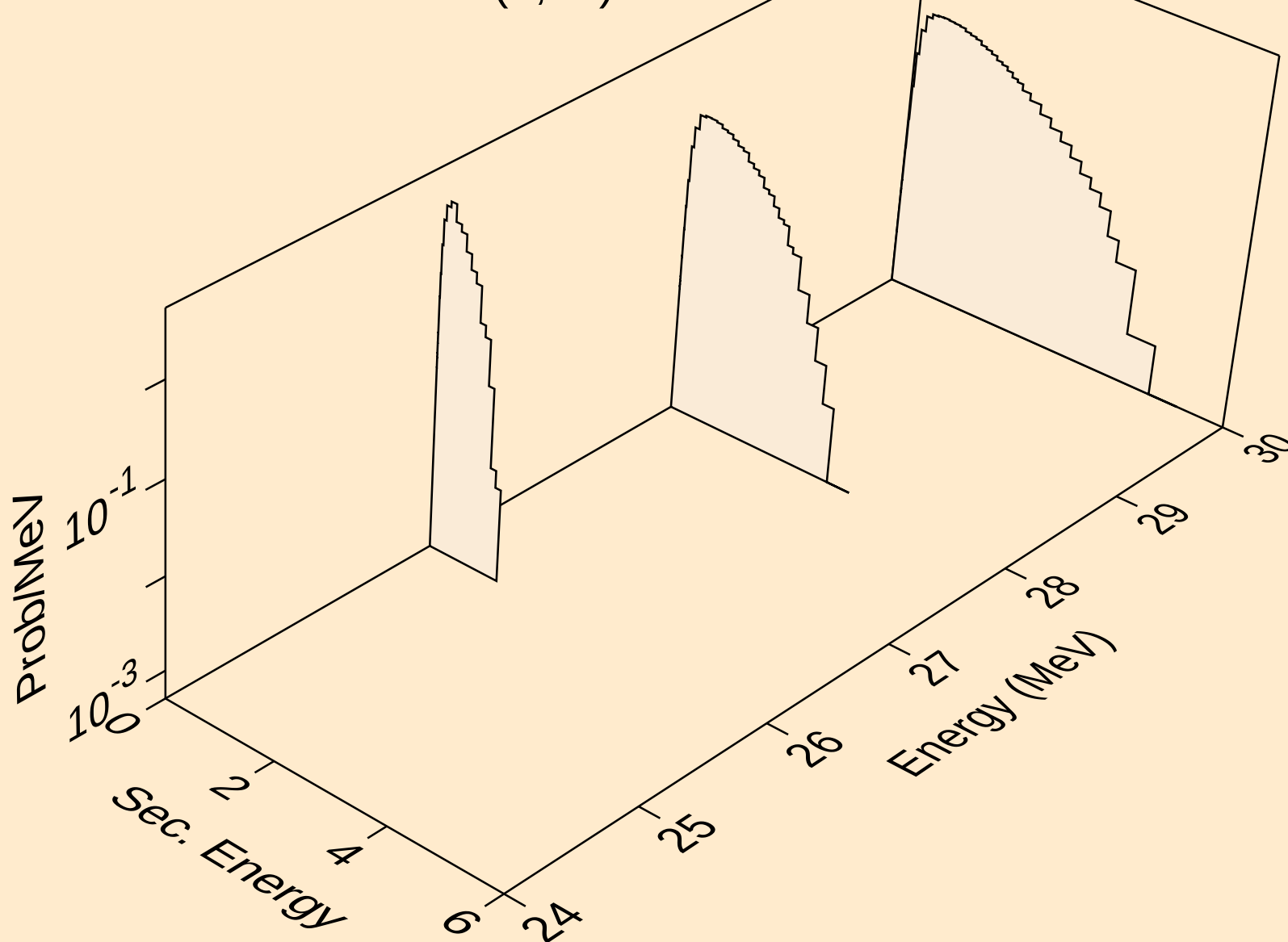
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



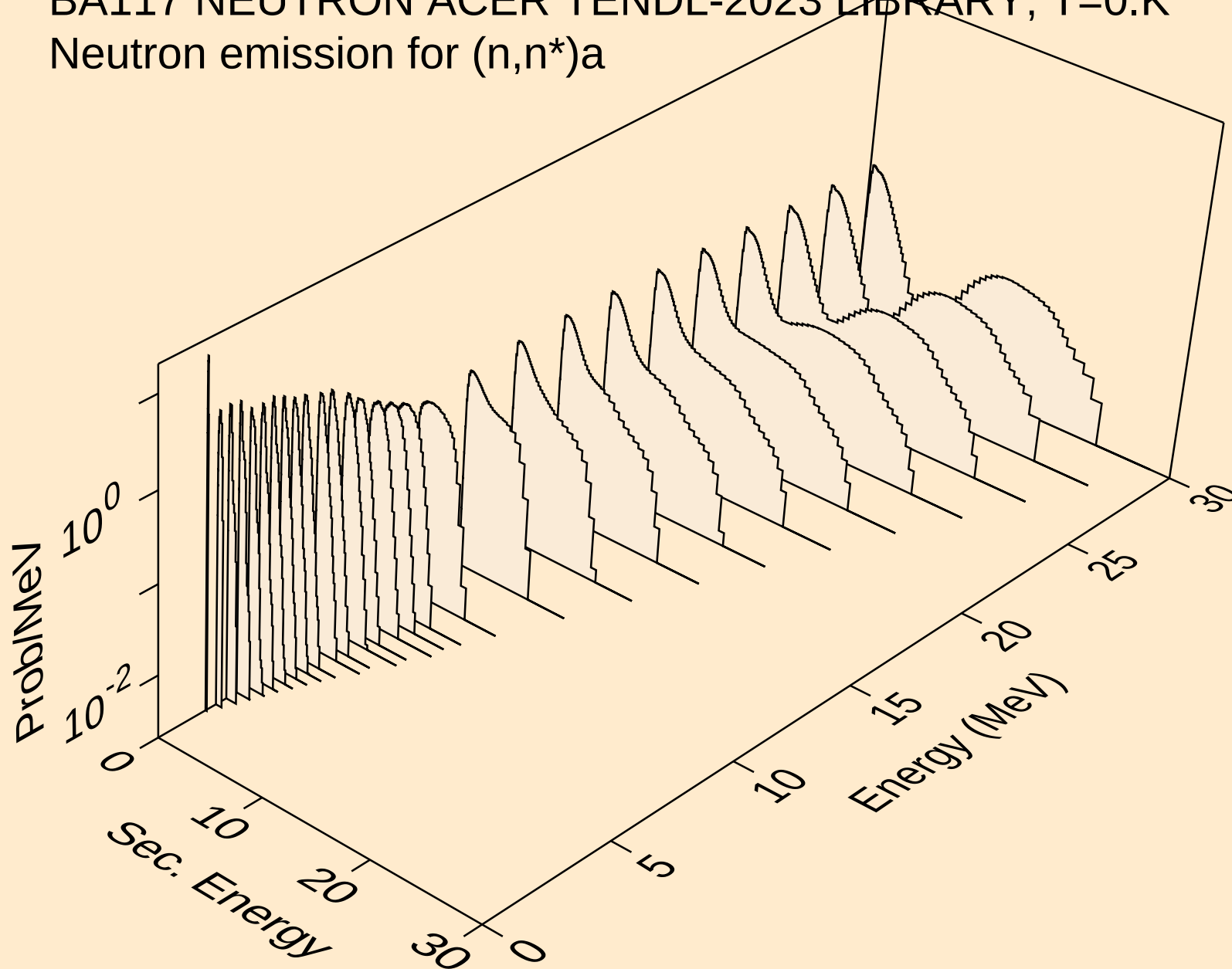
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



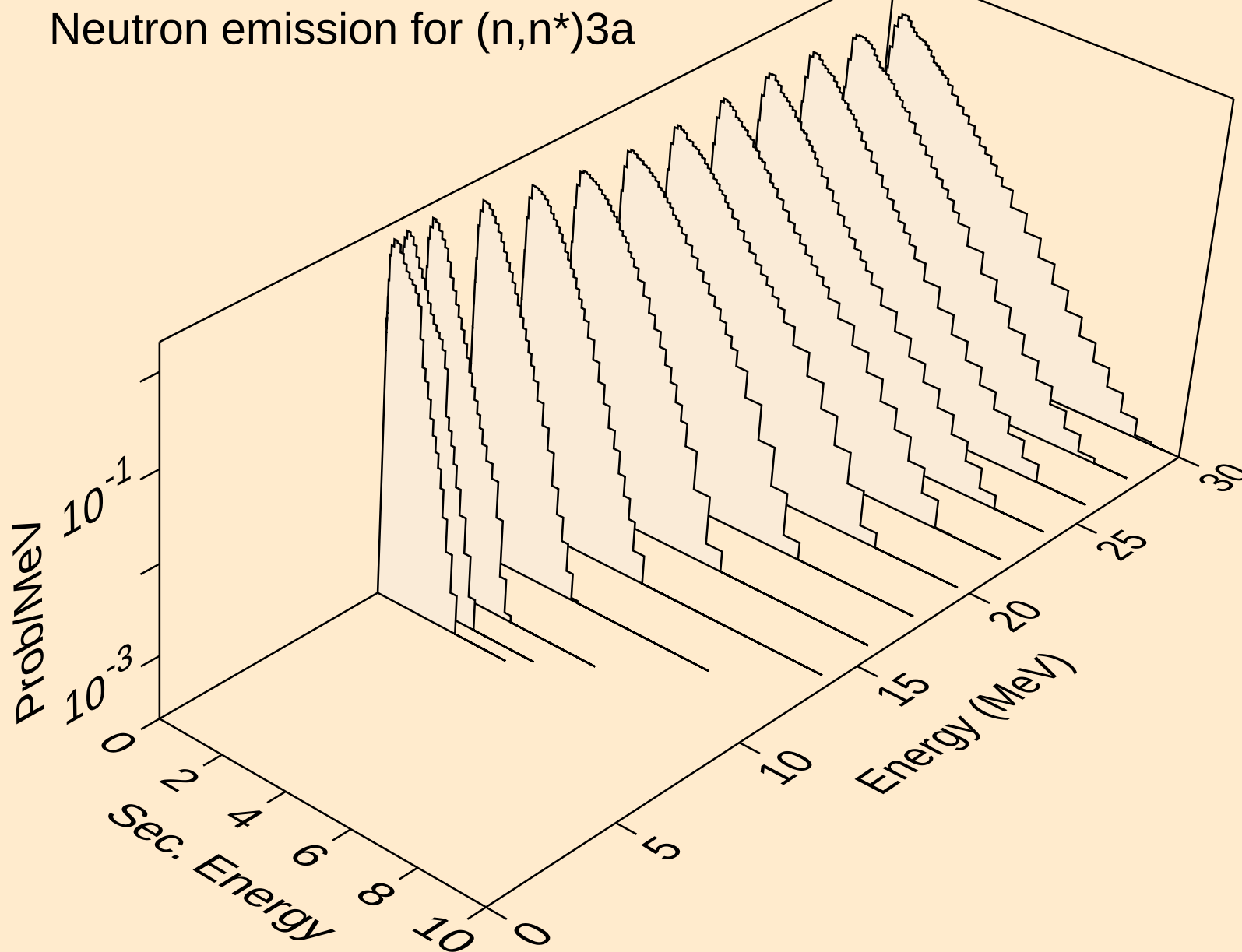
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



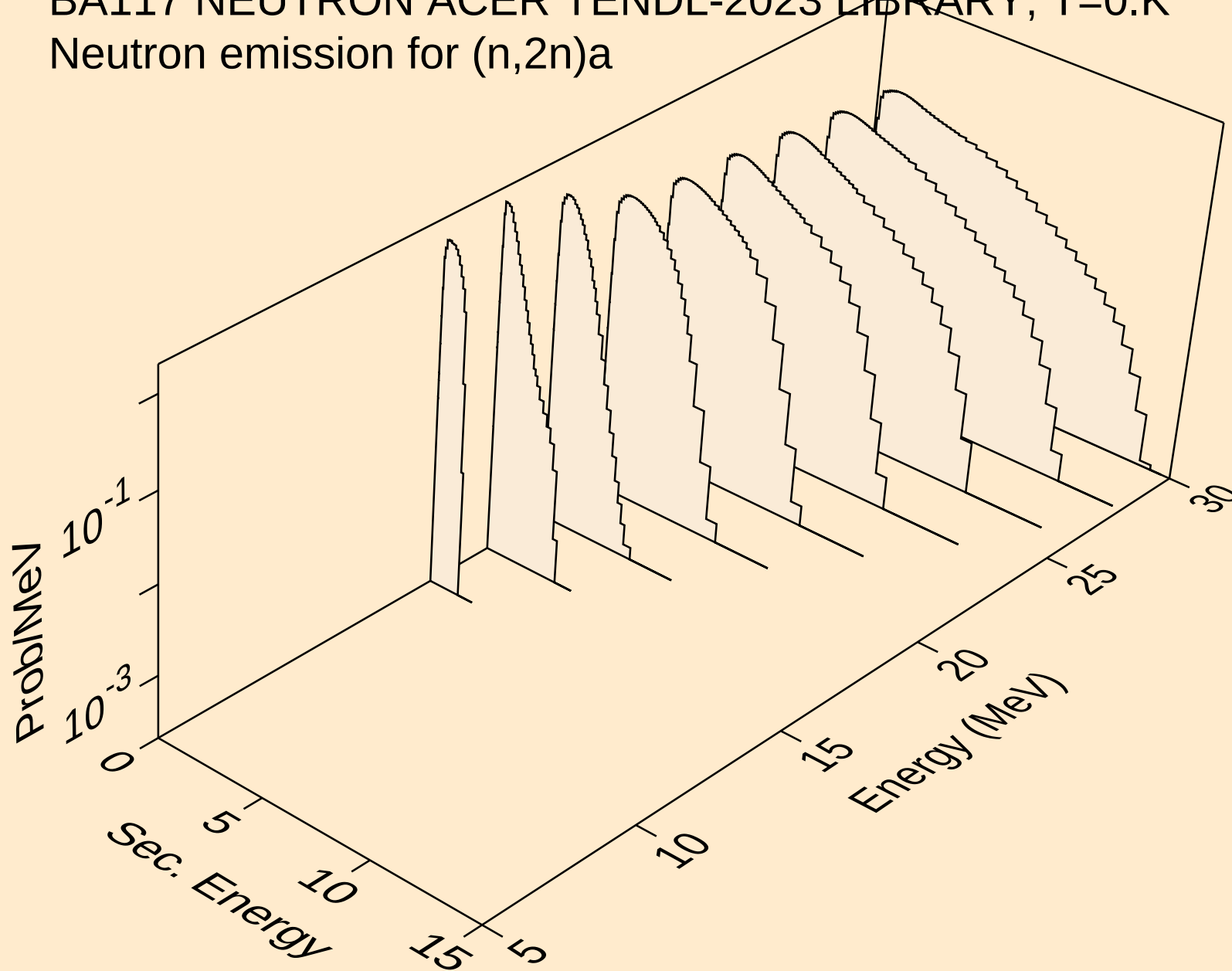
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



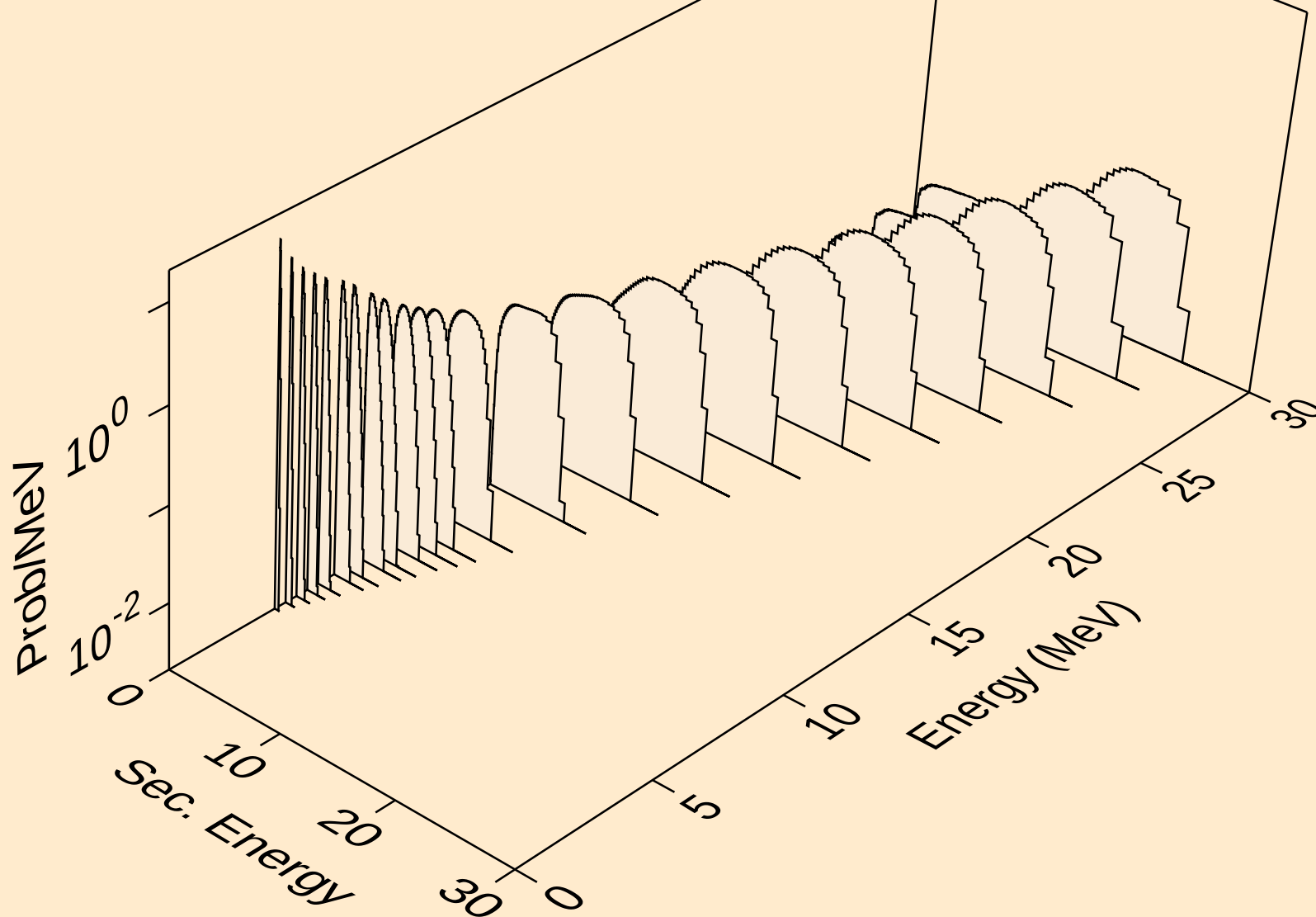
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)3a



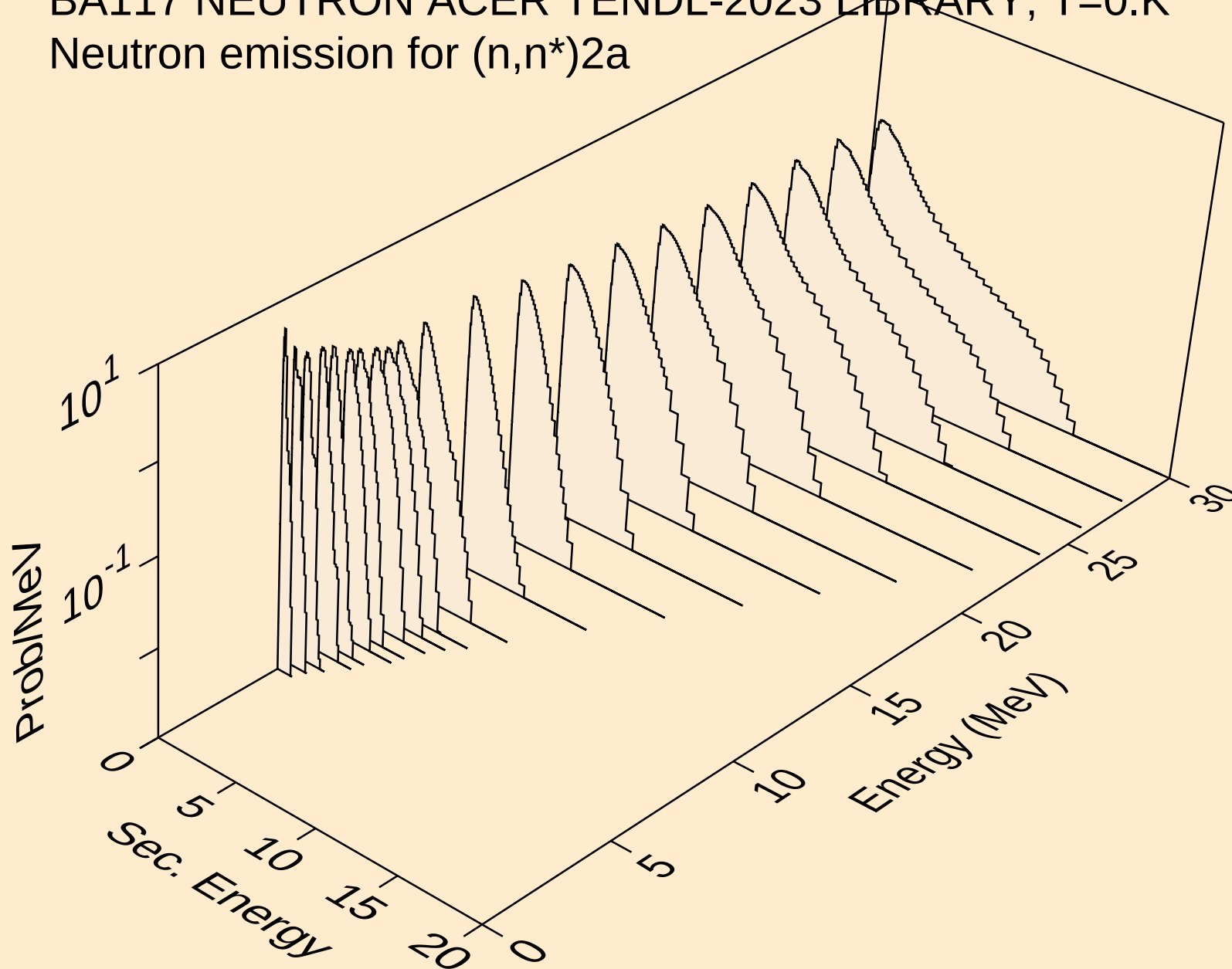
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)_a



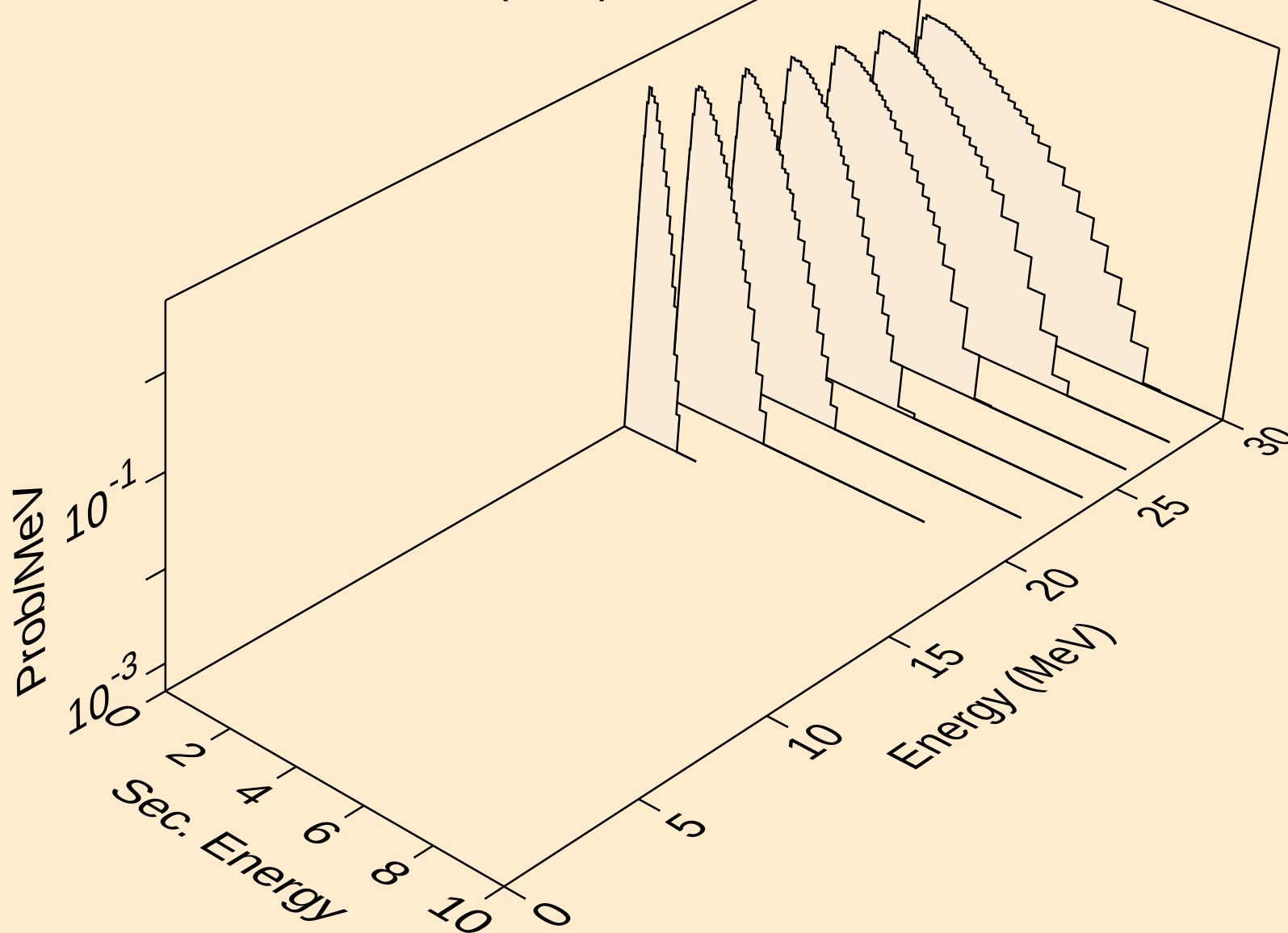
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



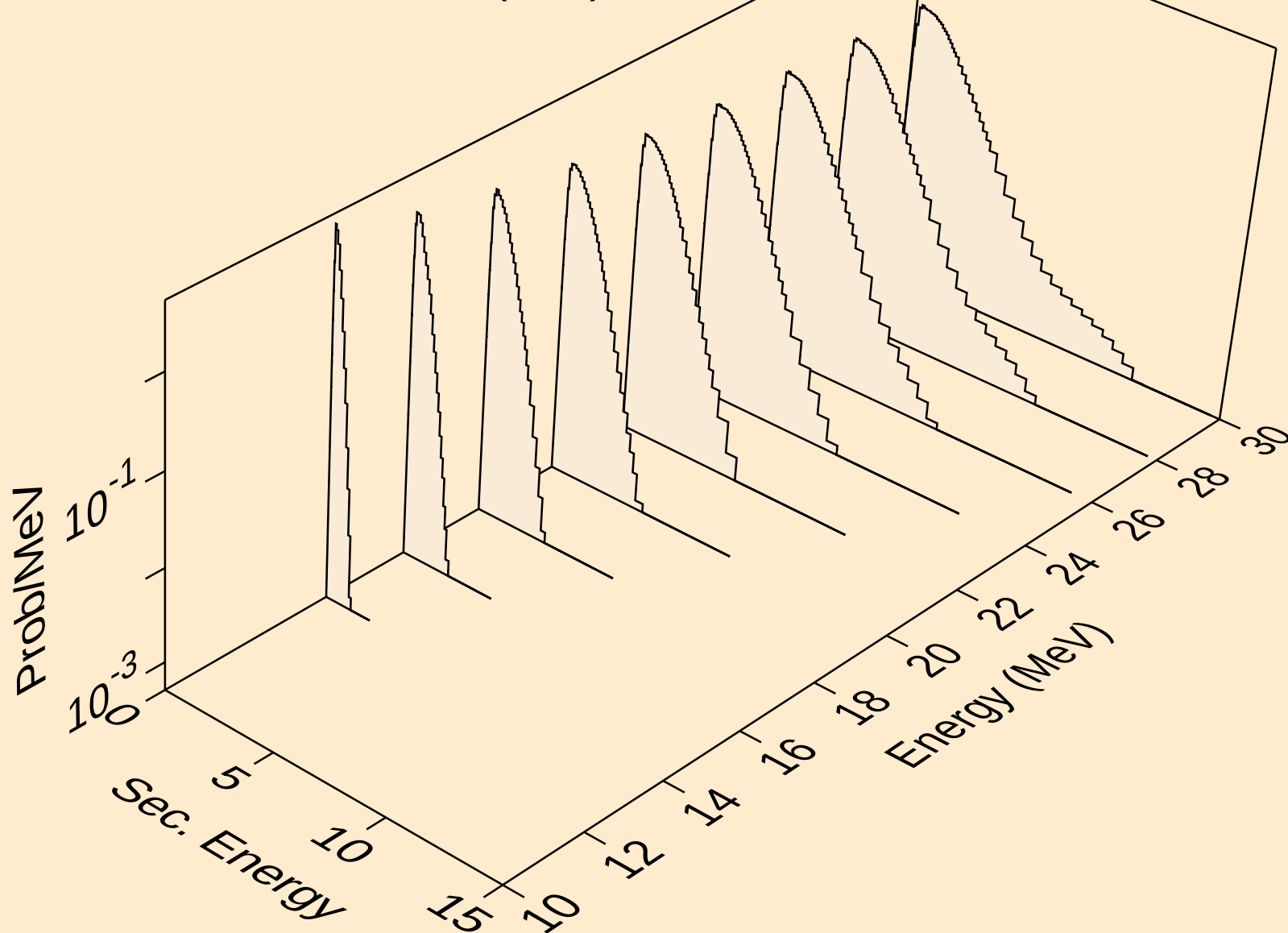
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)2a

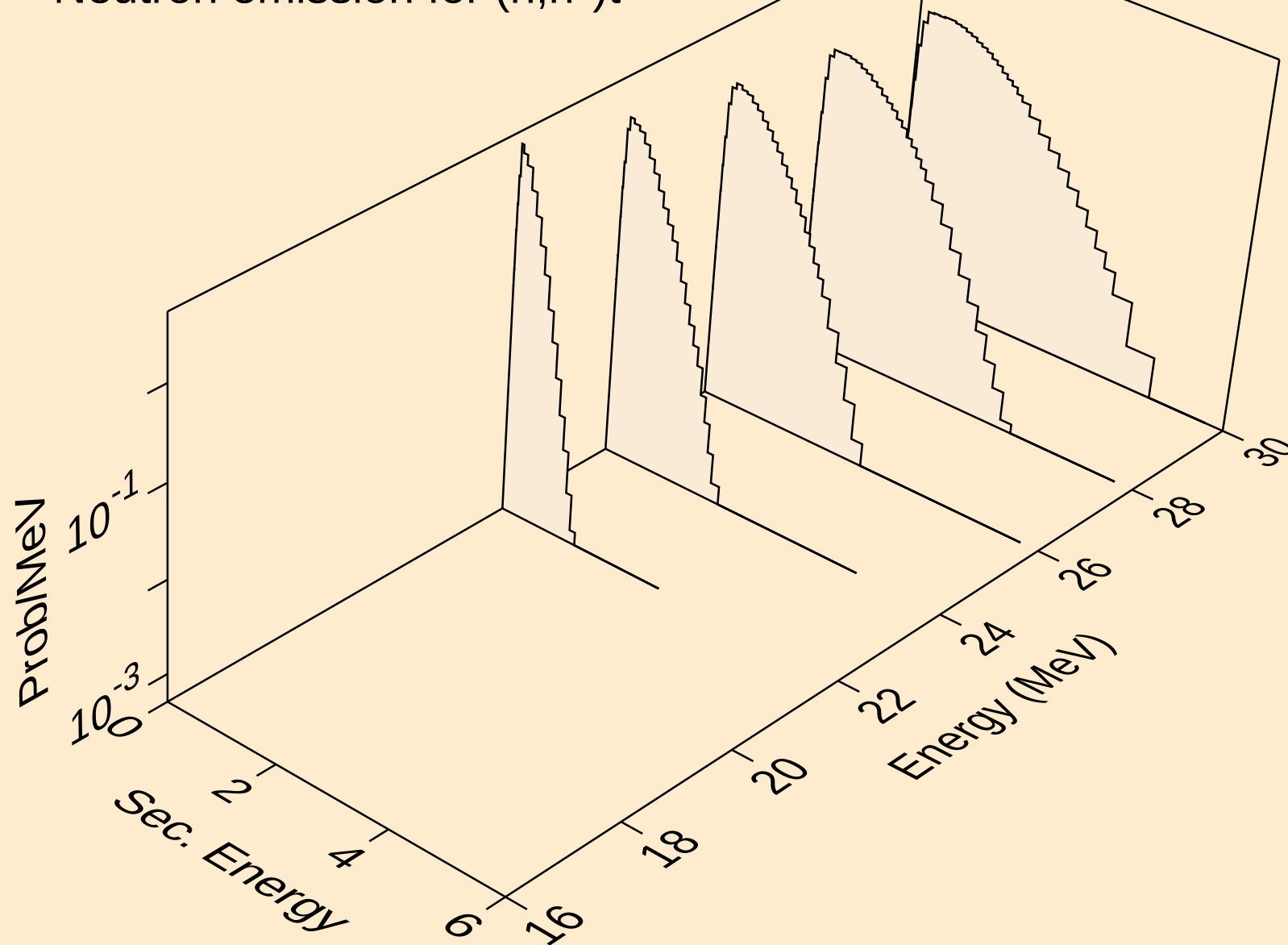


BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d

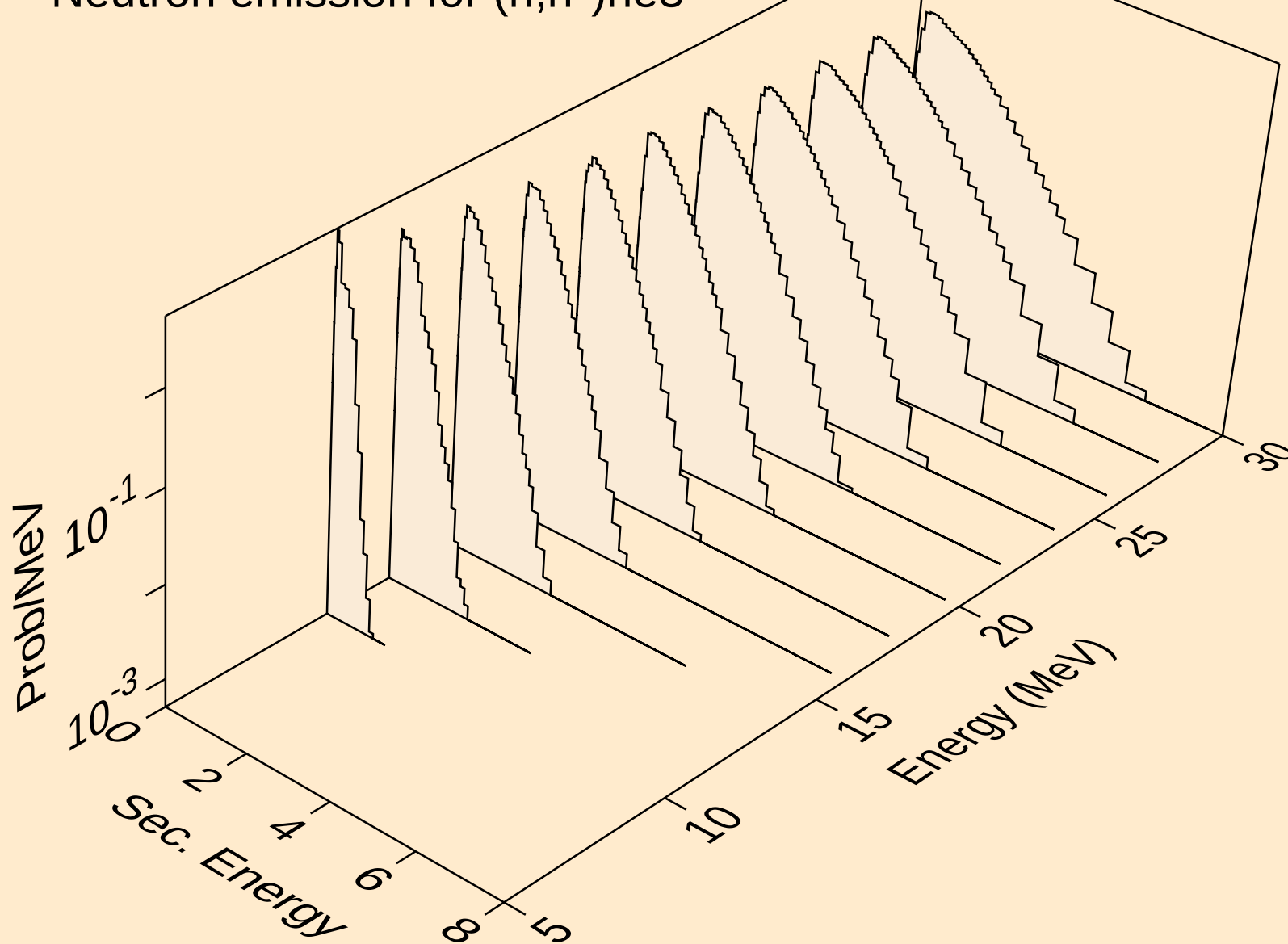


BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

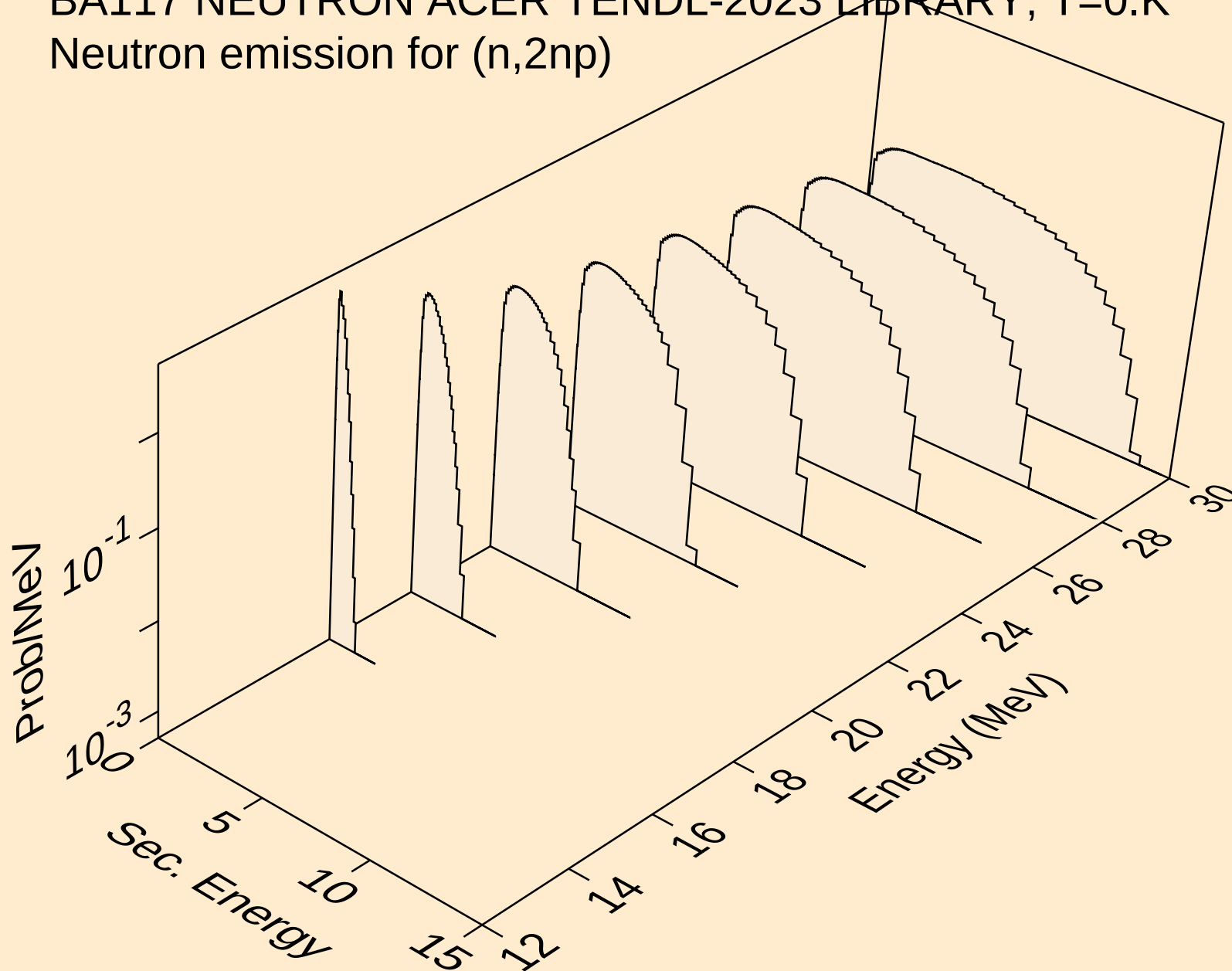
Neutron emission for (n,n*)t



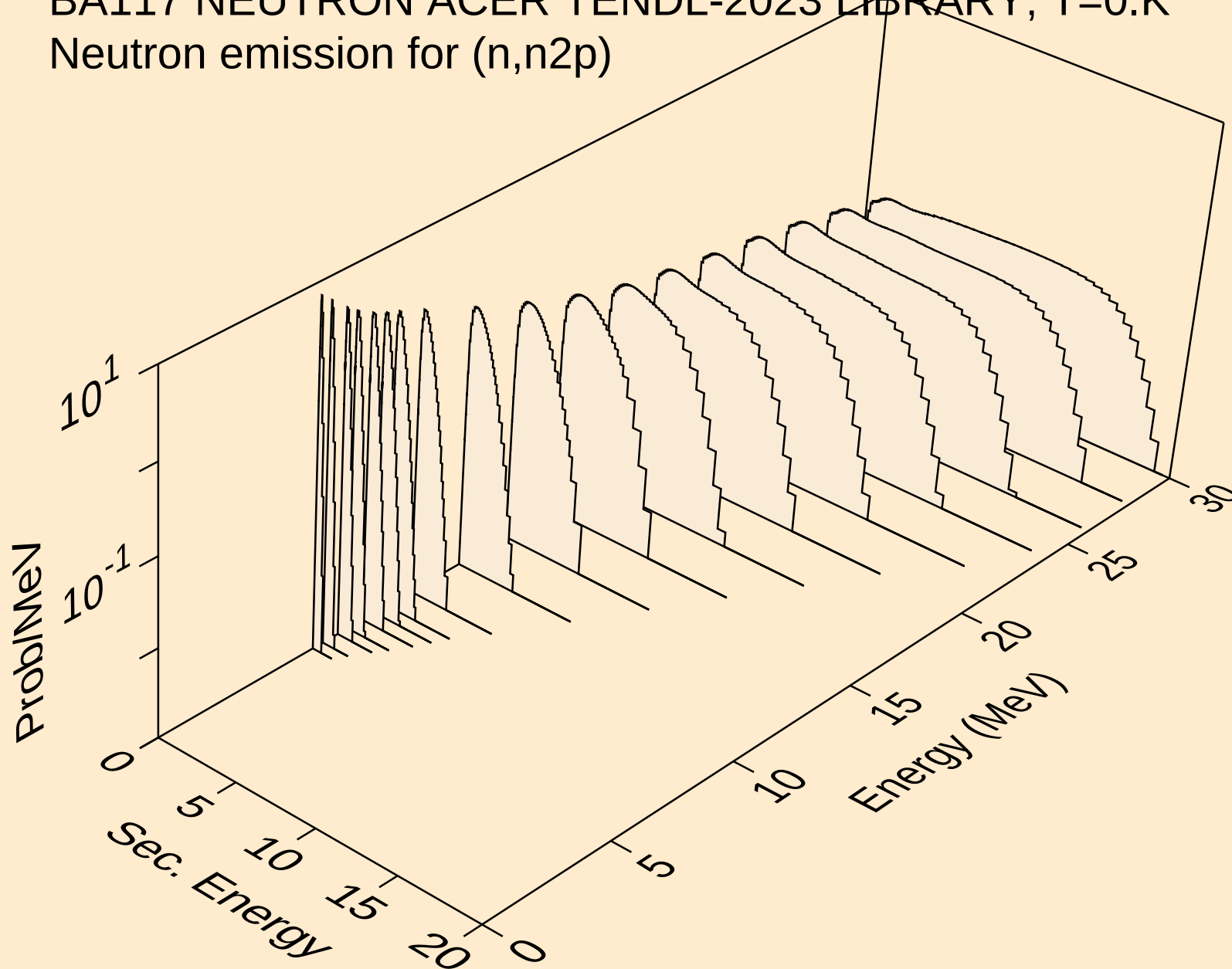
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



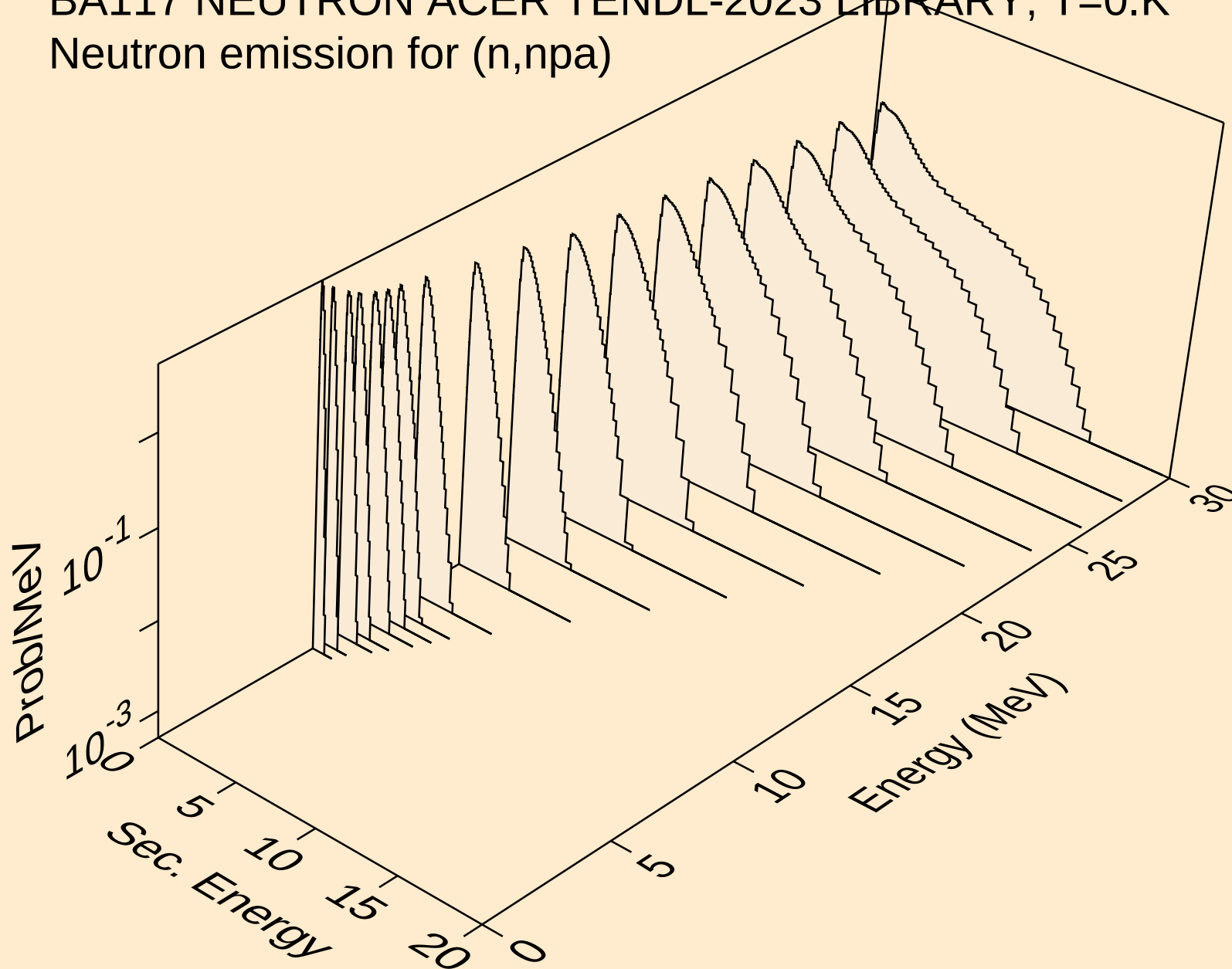
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



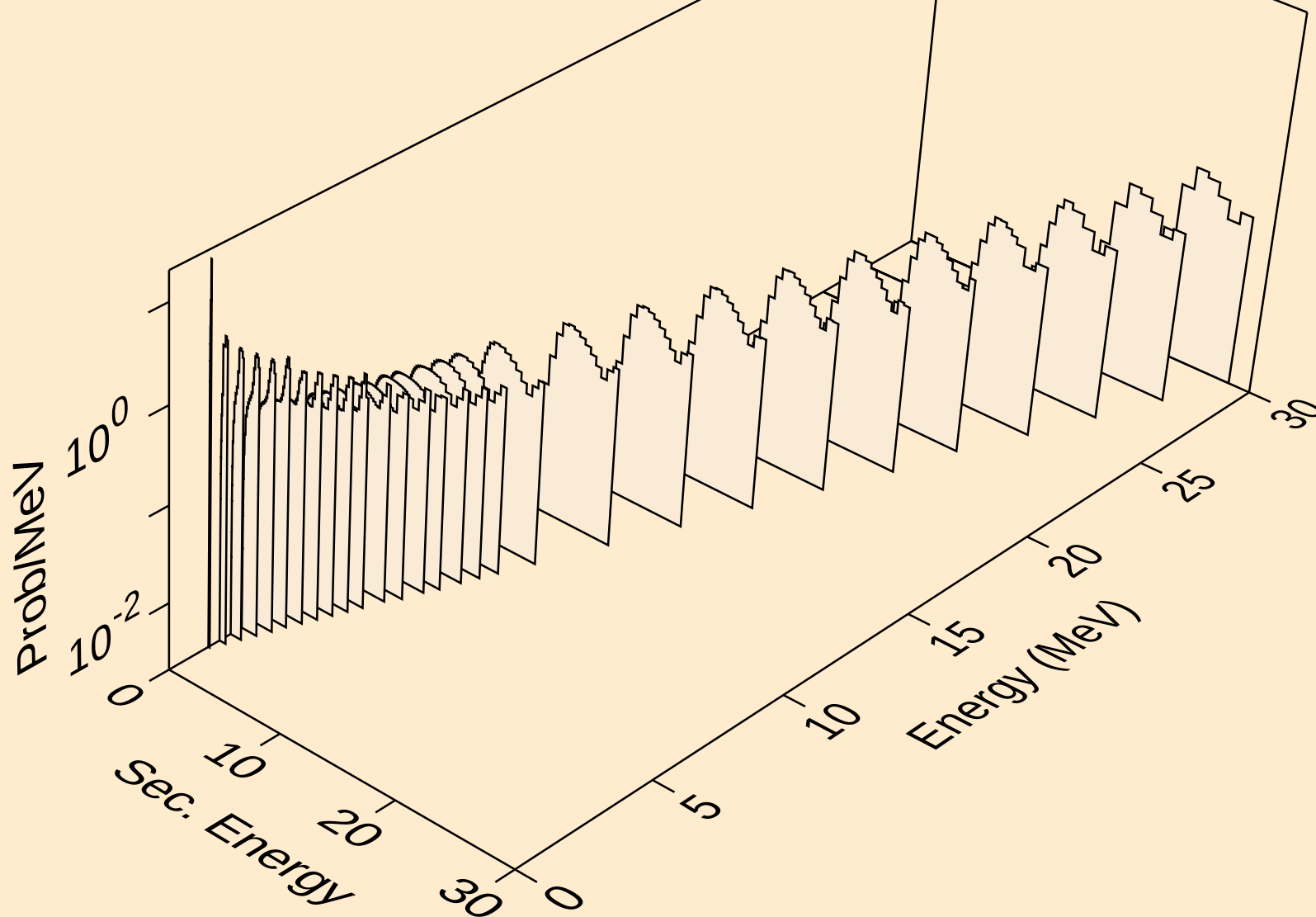
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



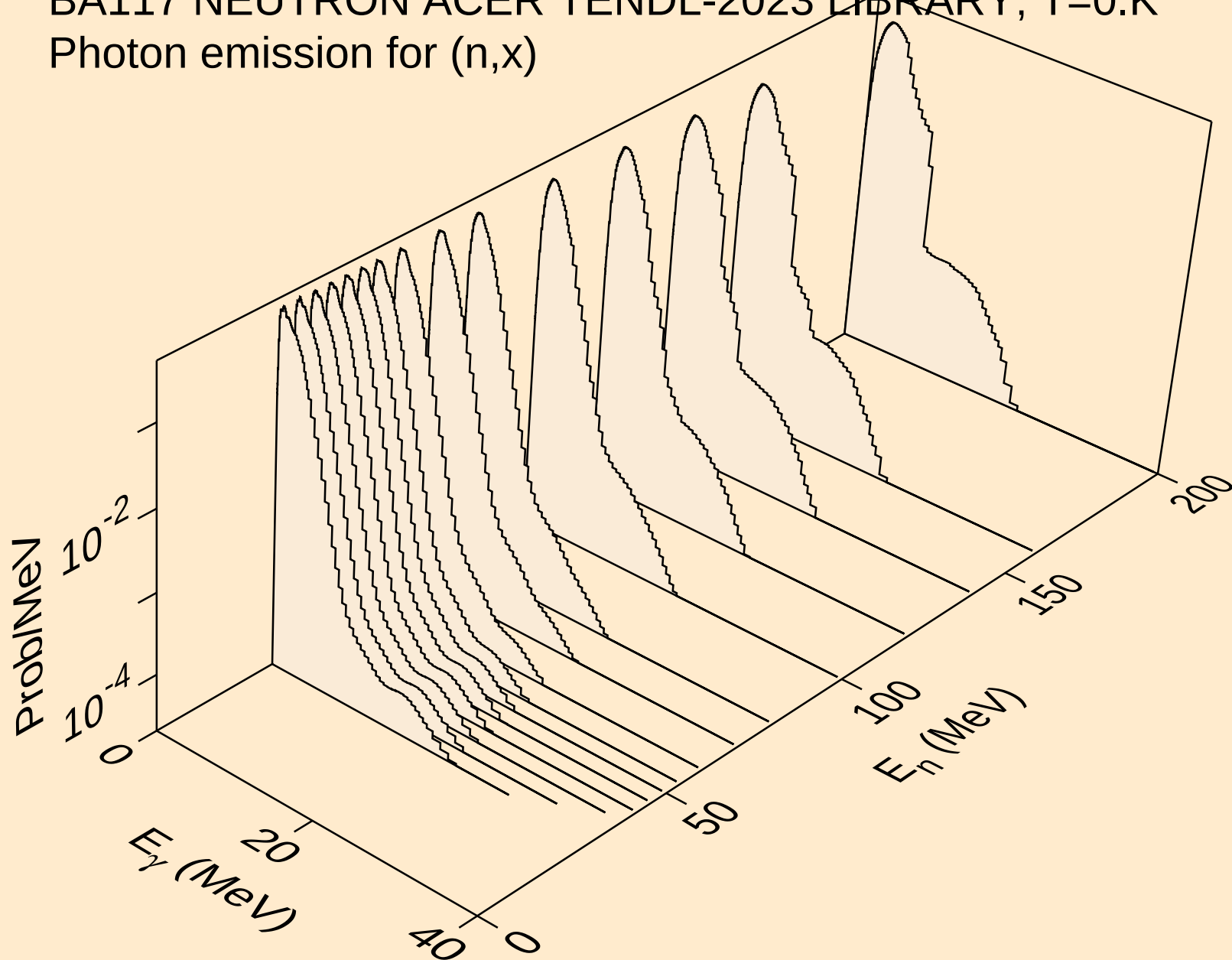
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)



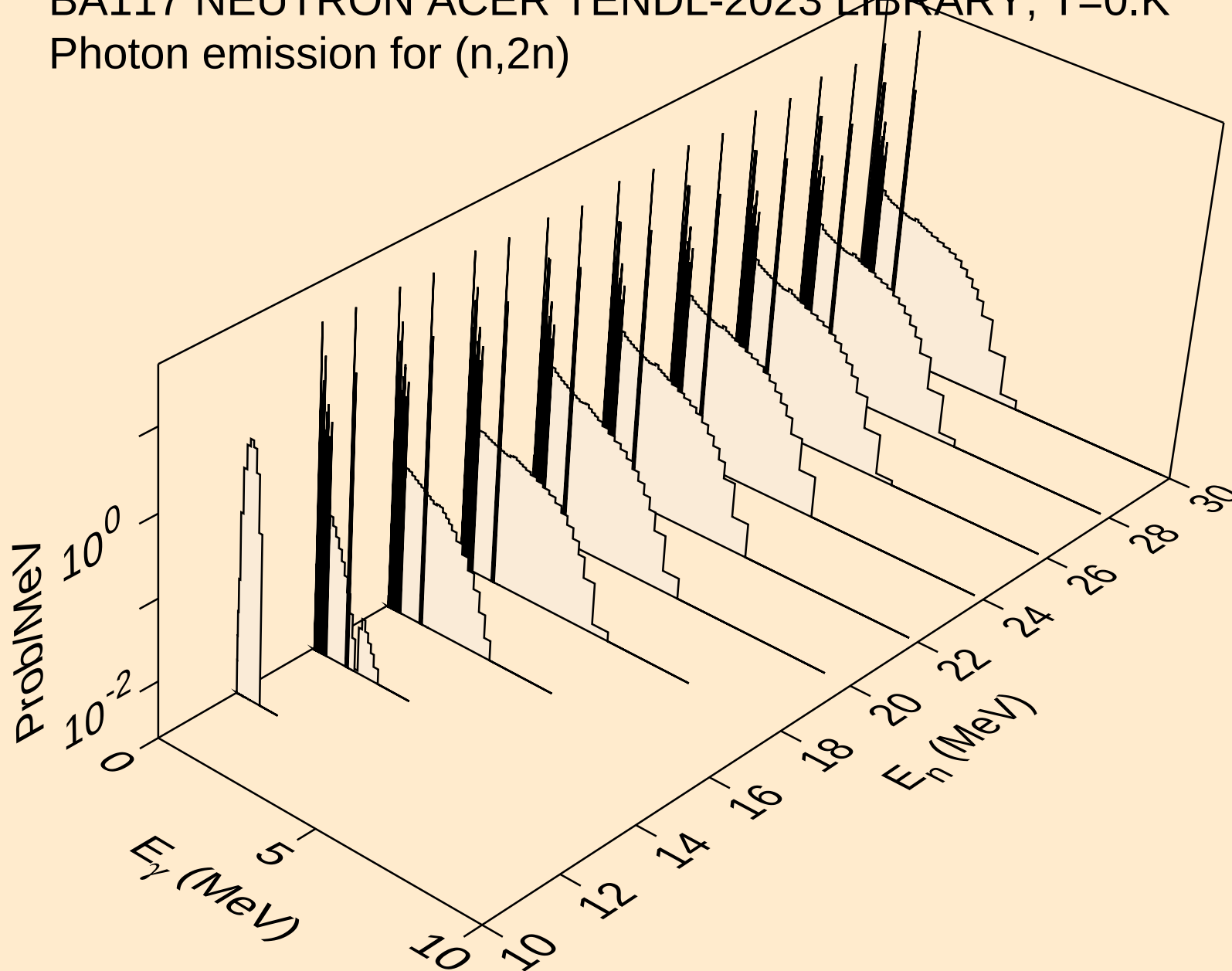
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



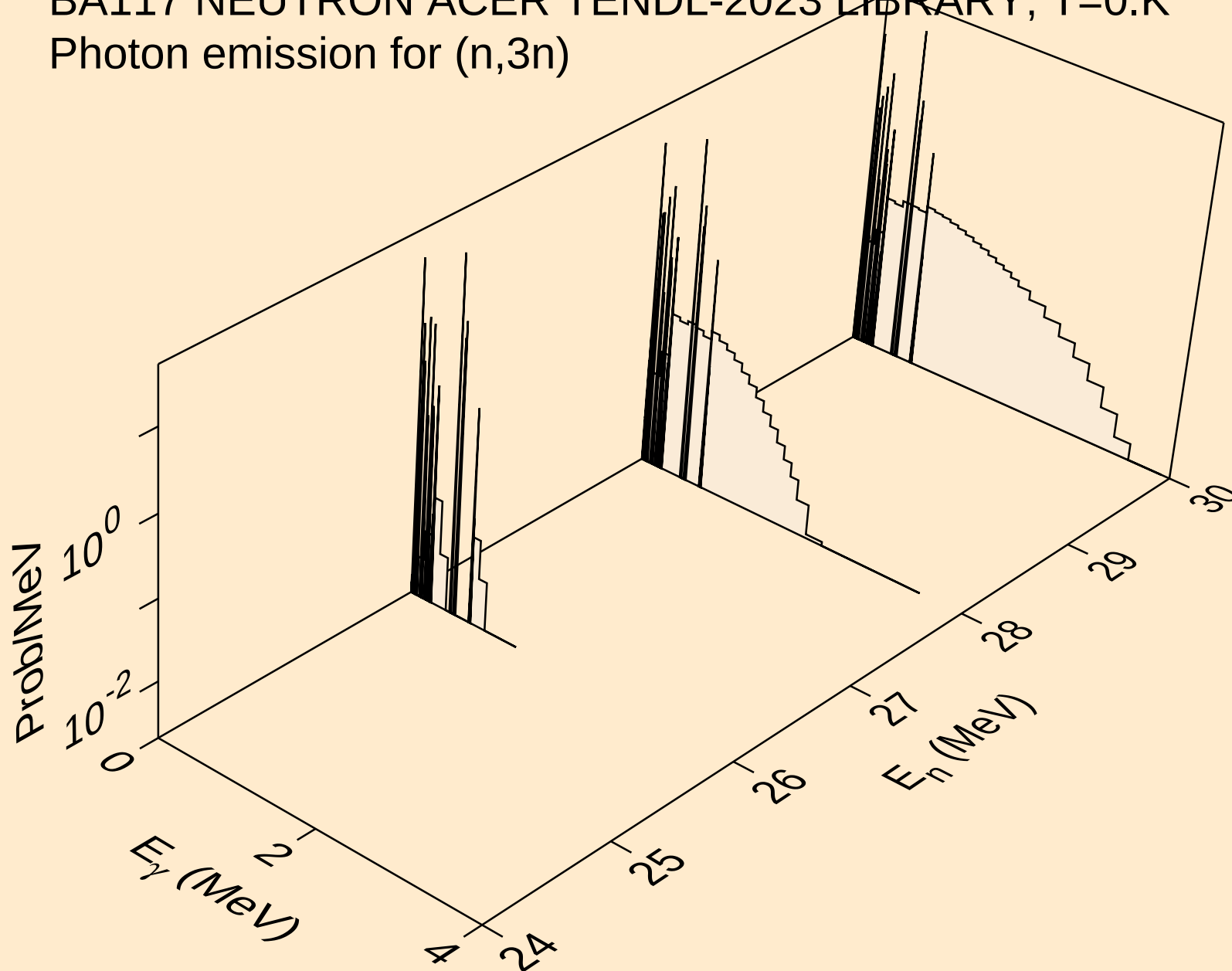
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)

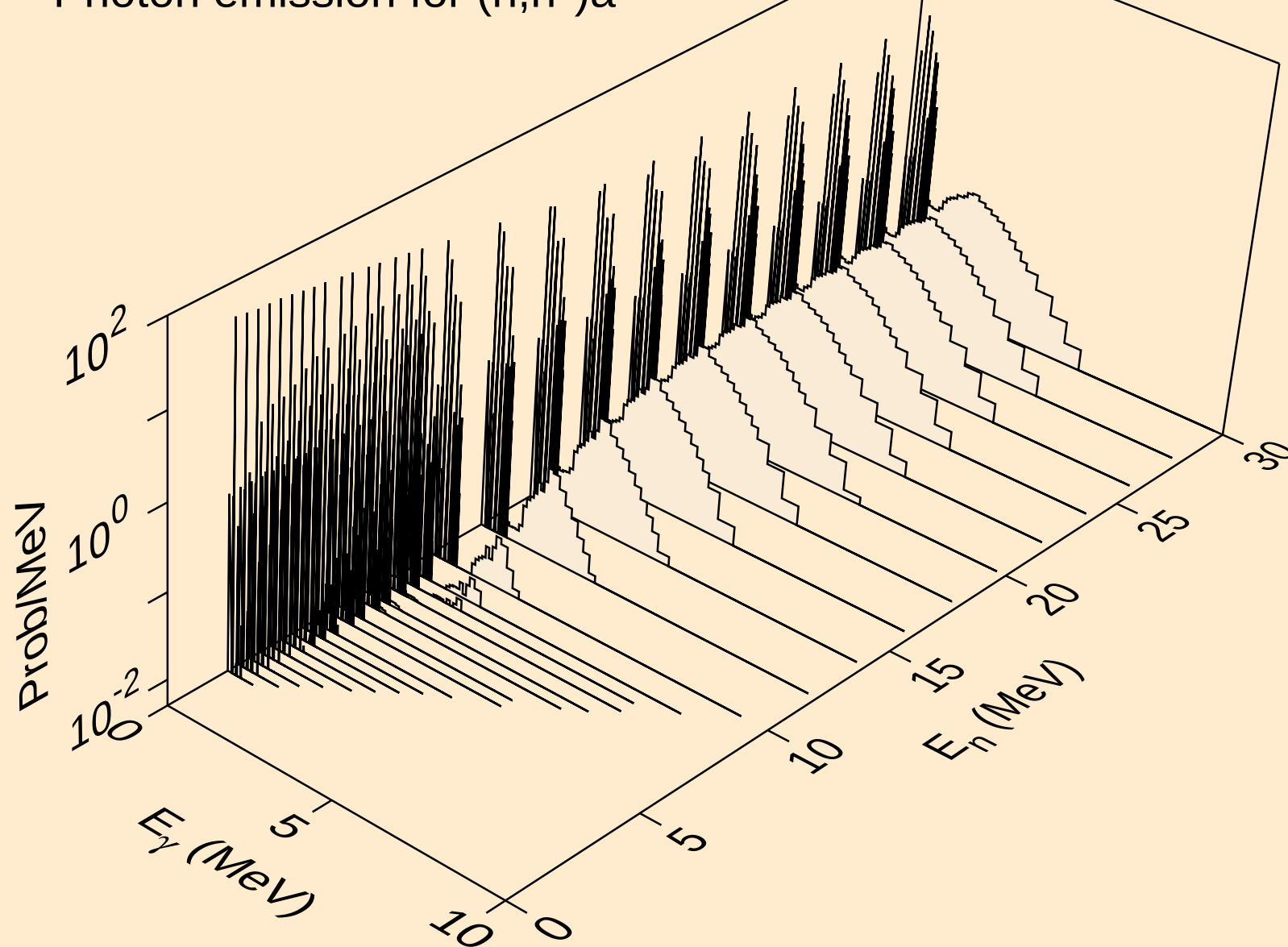


BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)

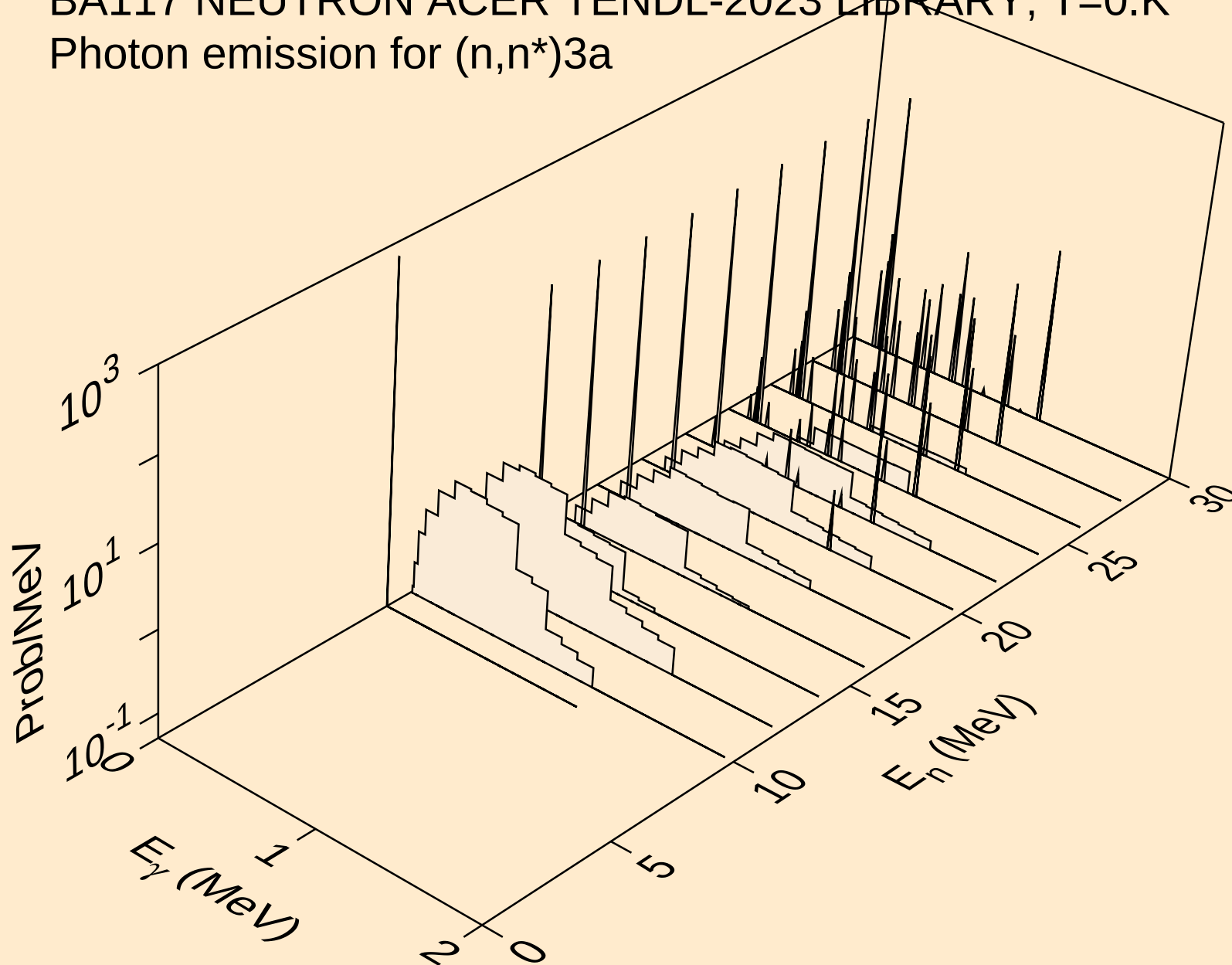


BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a

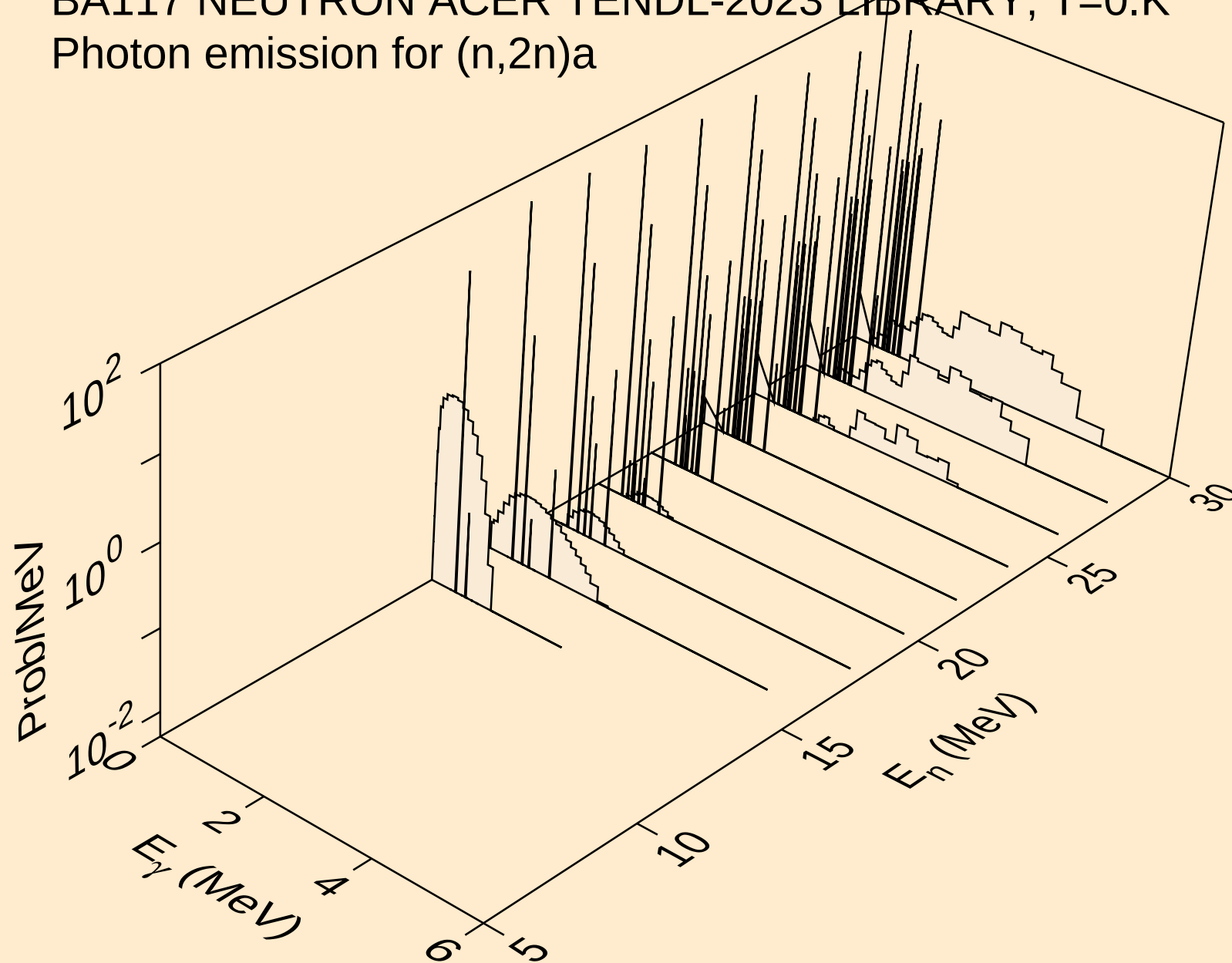


BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)3a



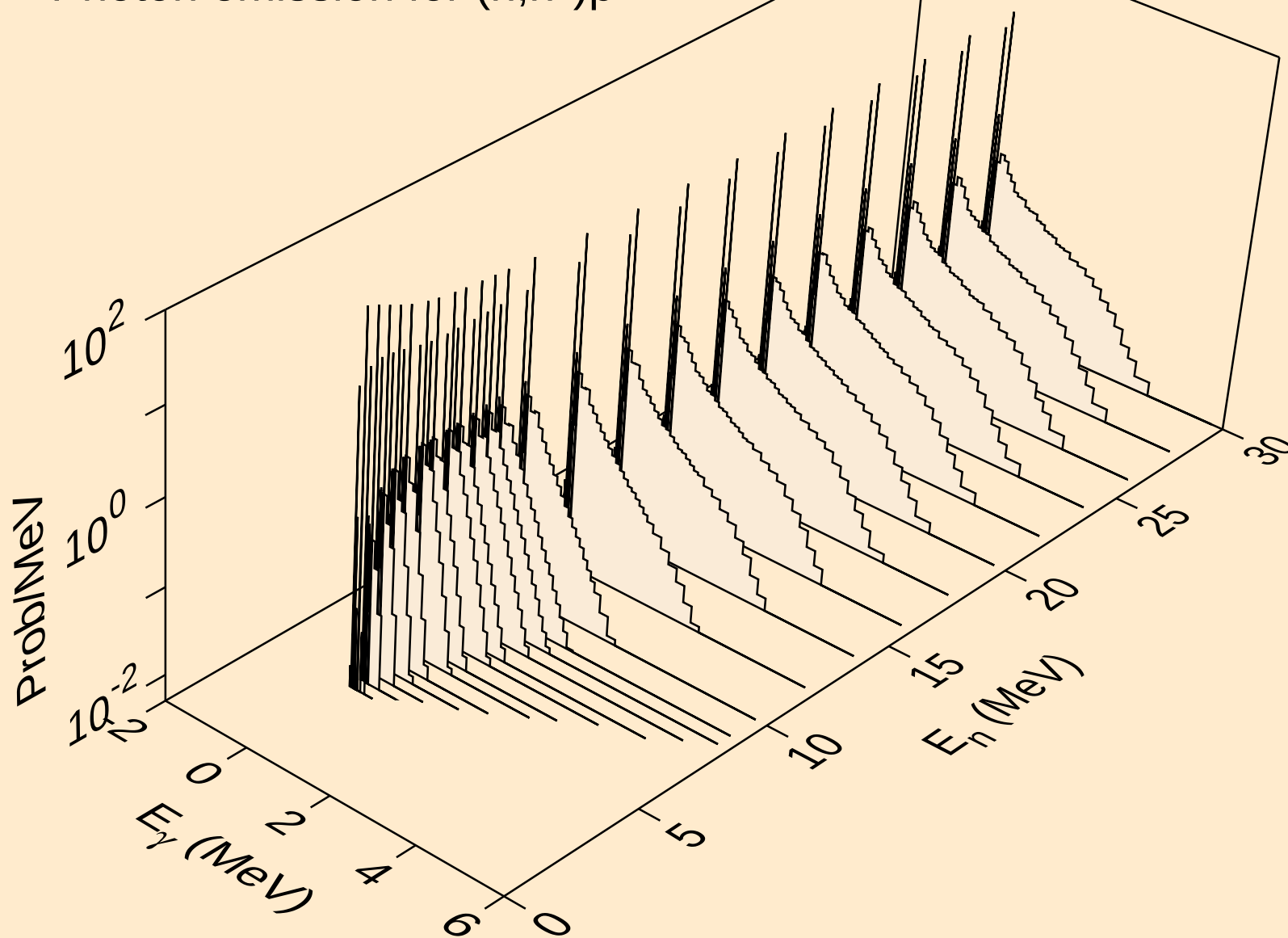
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n)a

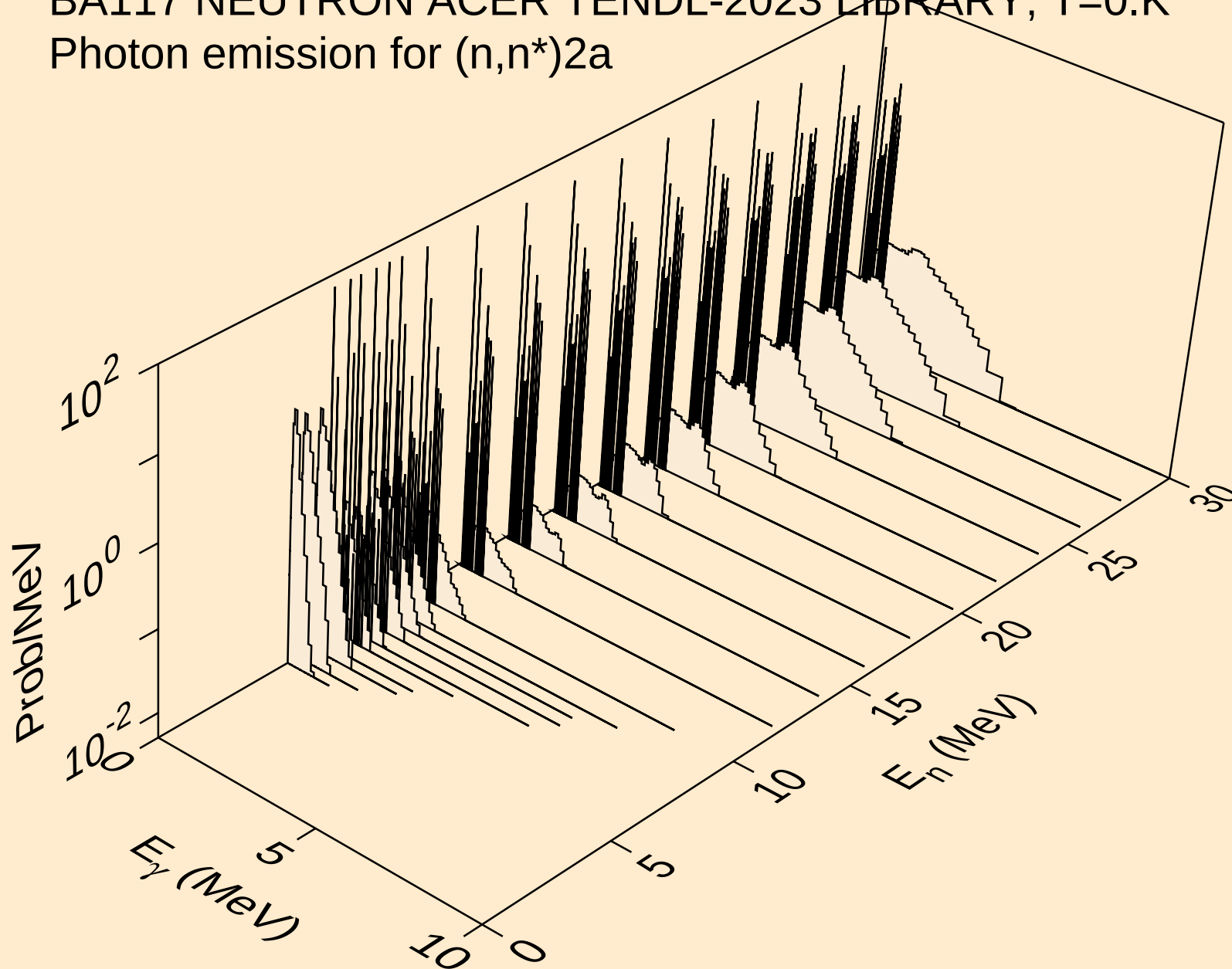


BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p

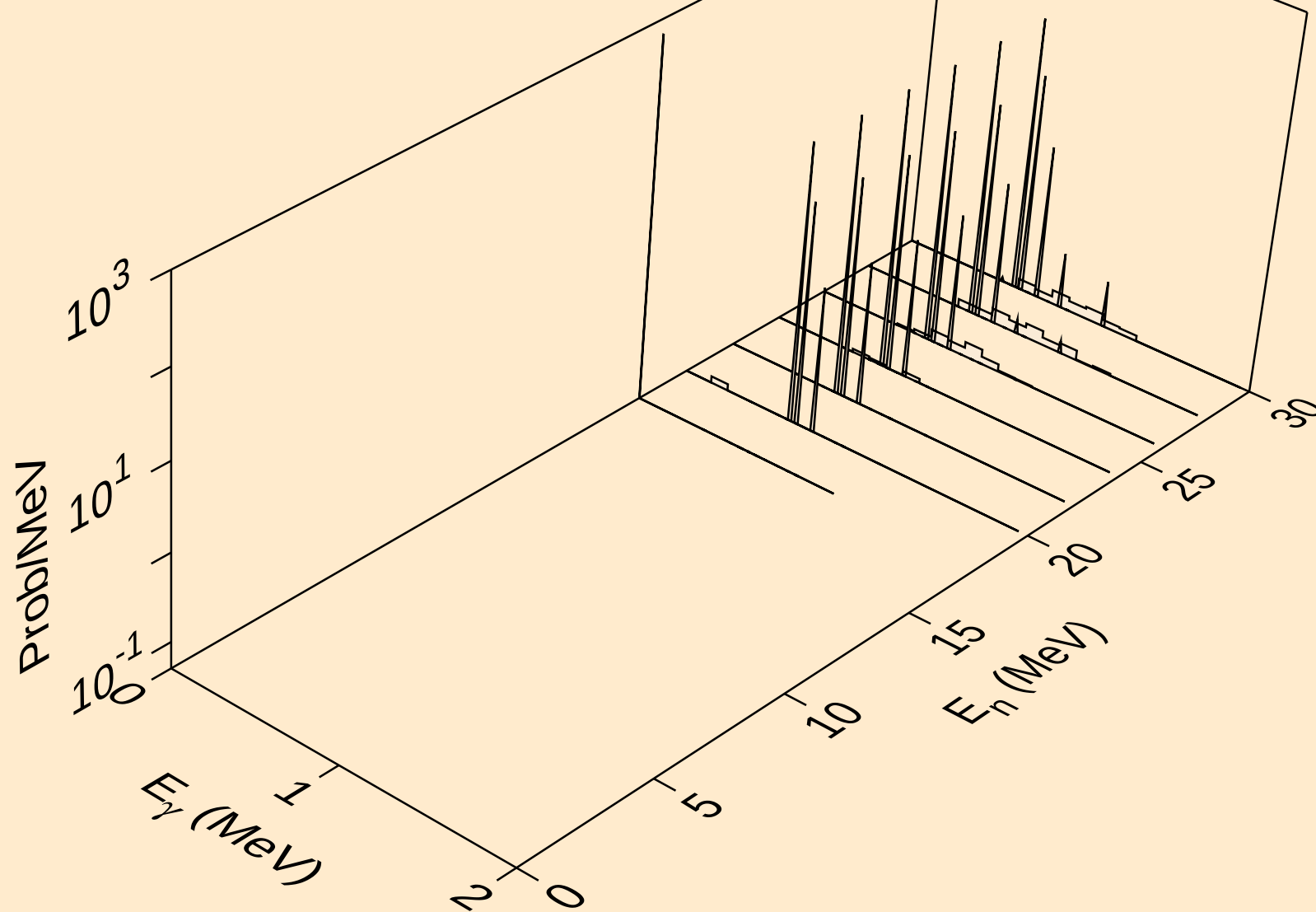


BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



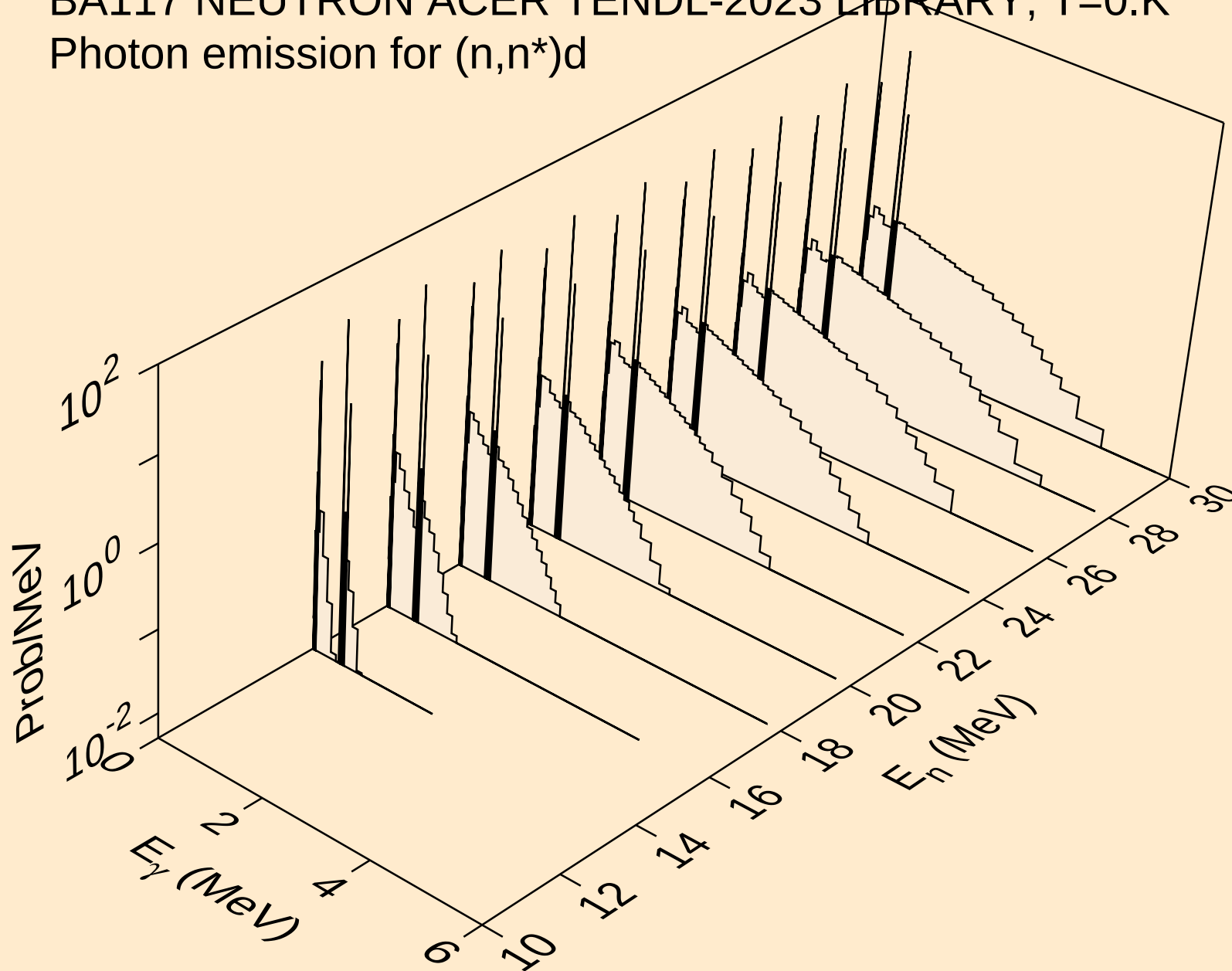
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n)2a



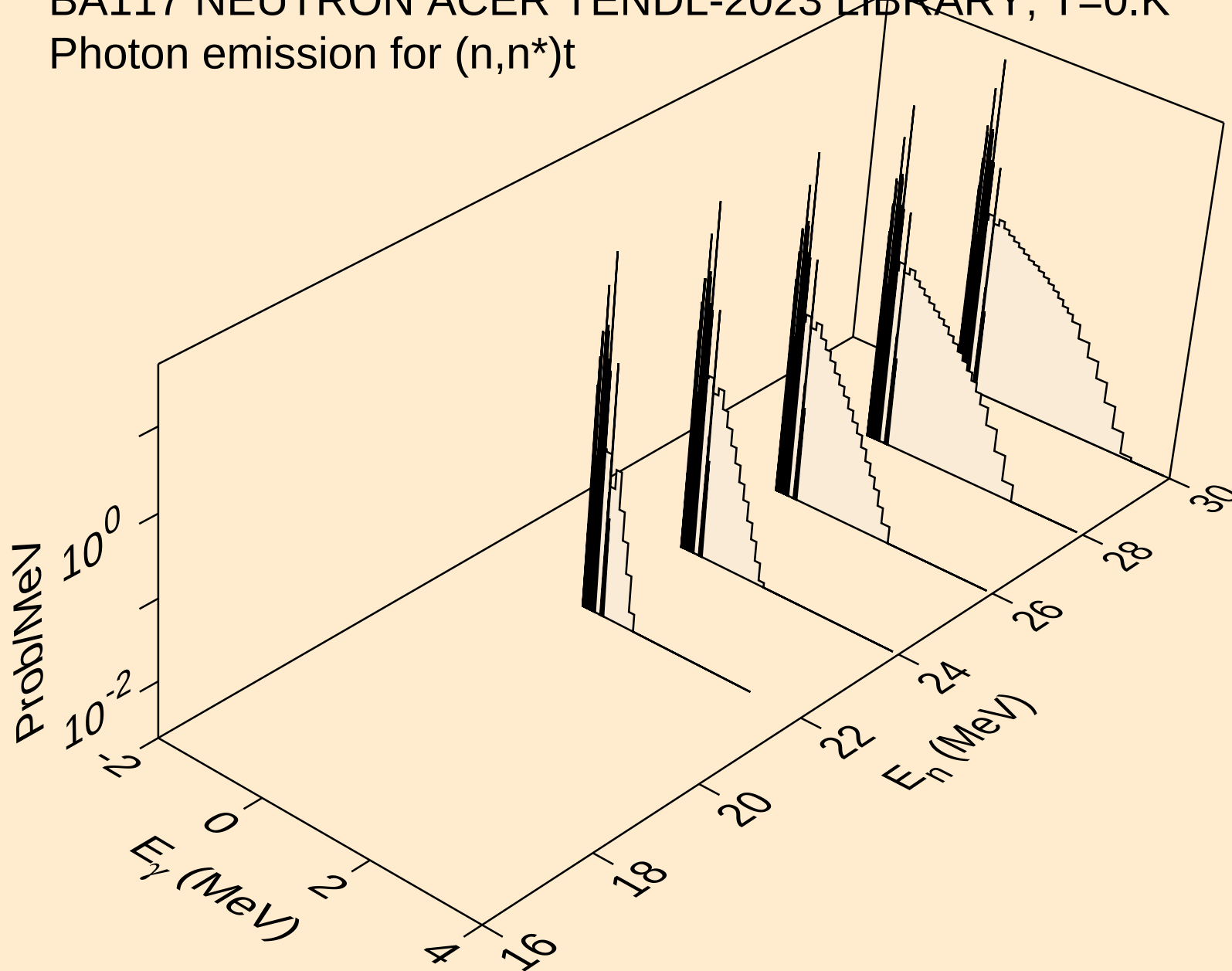
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Photon emission for (n,n*)d

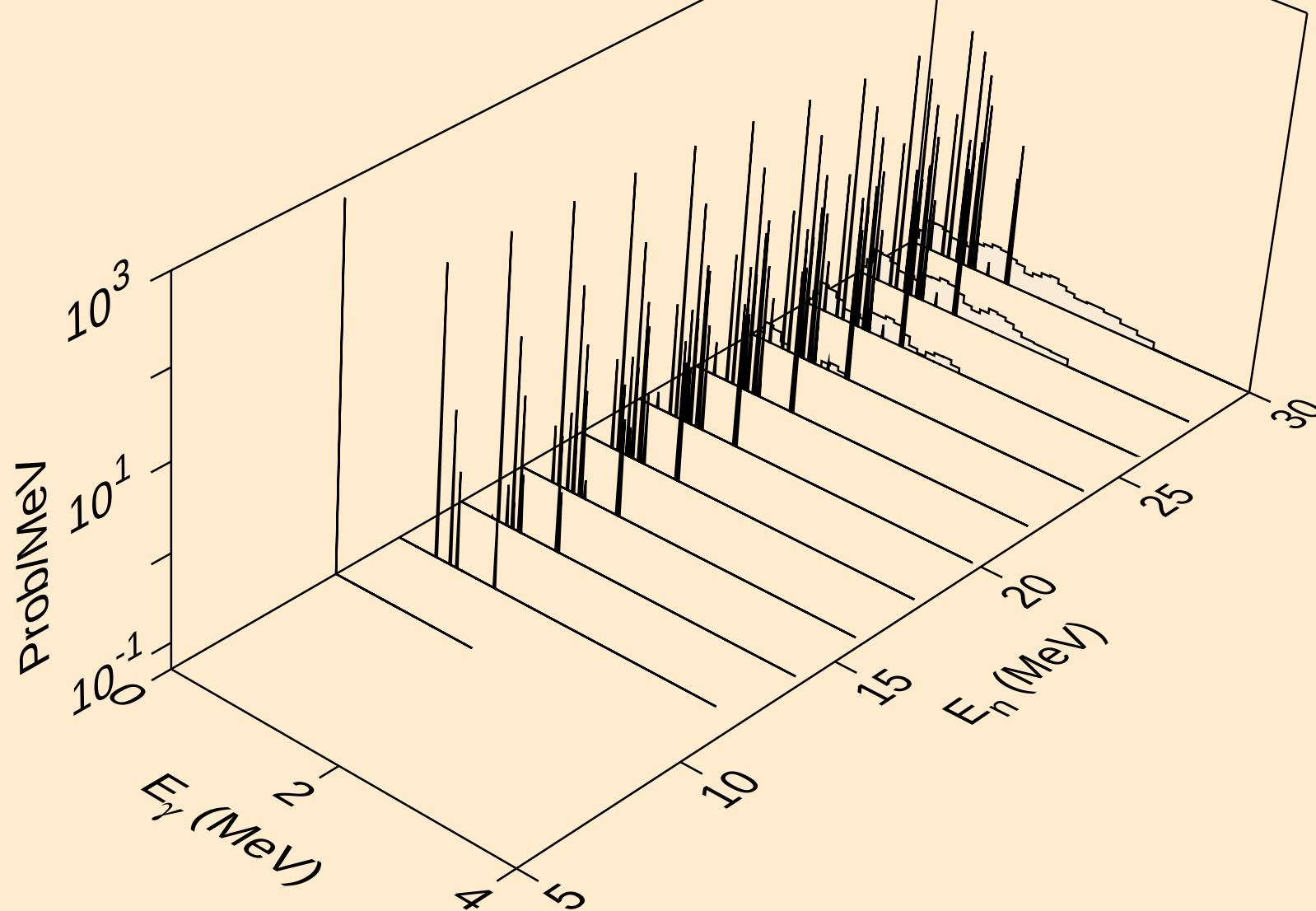


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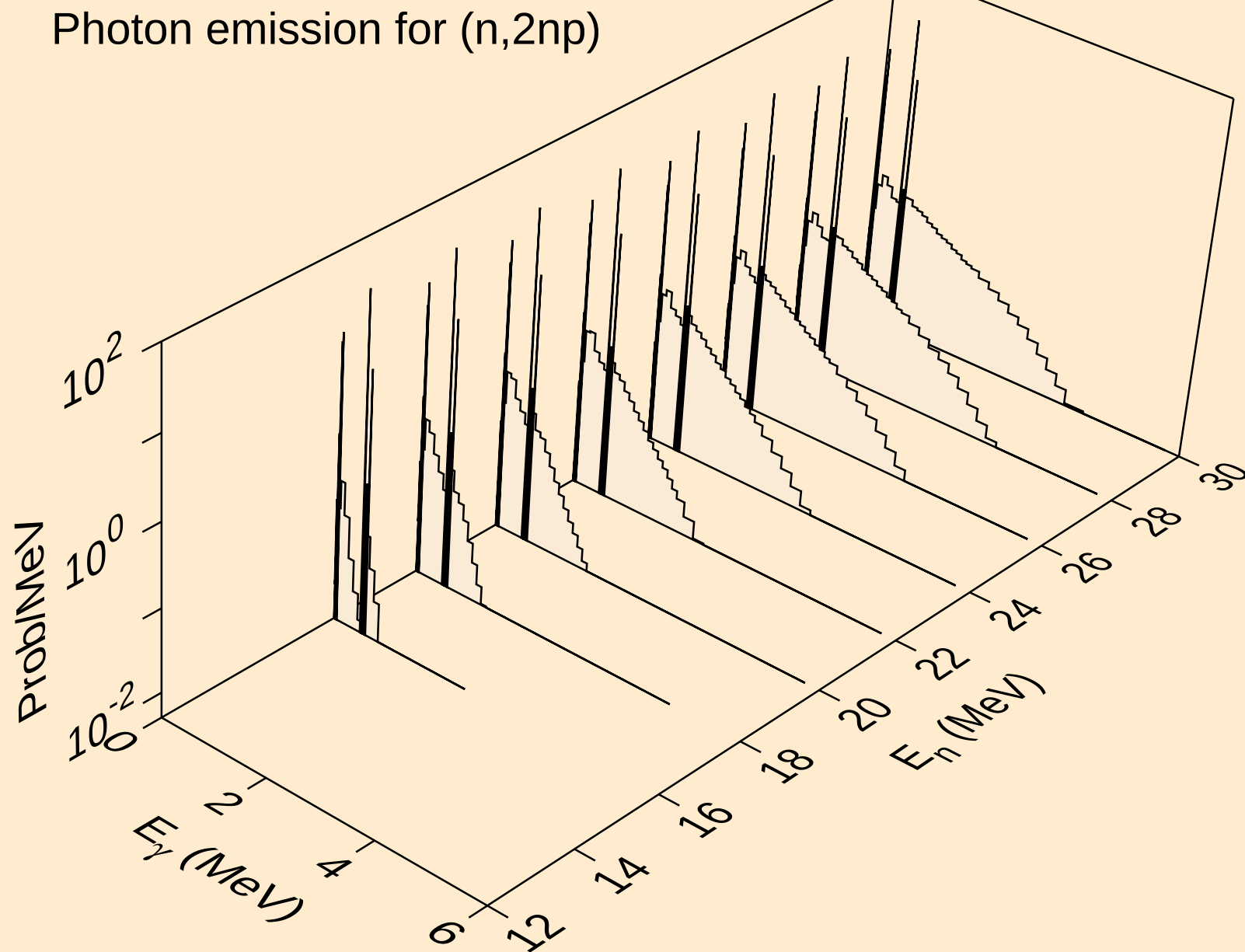
Photon emission for (n,n*)t



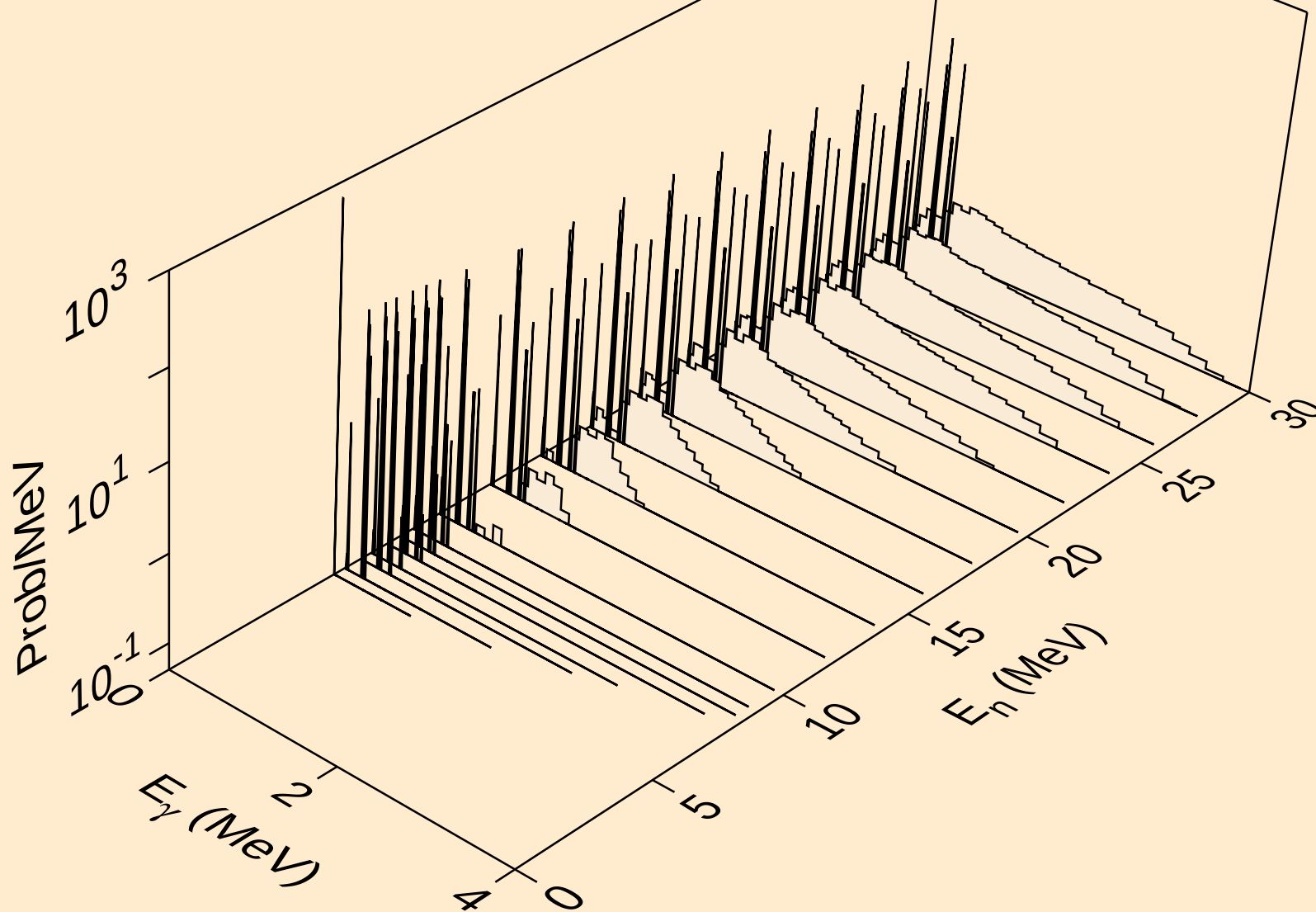
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



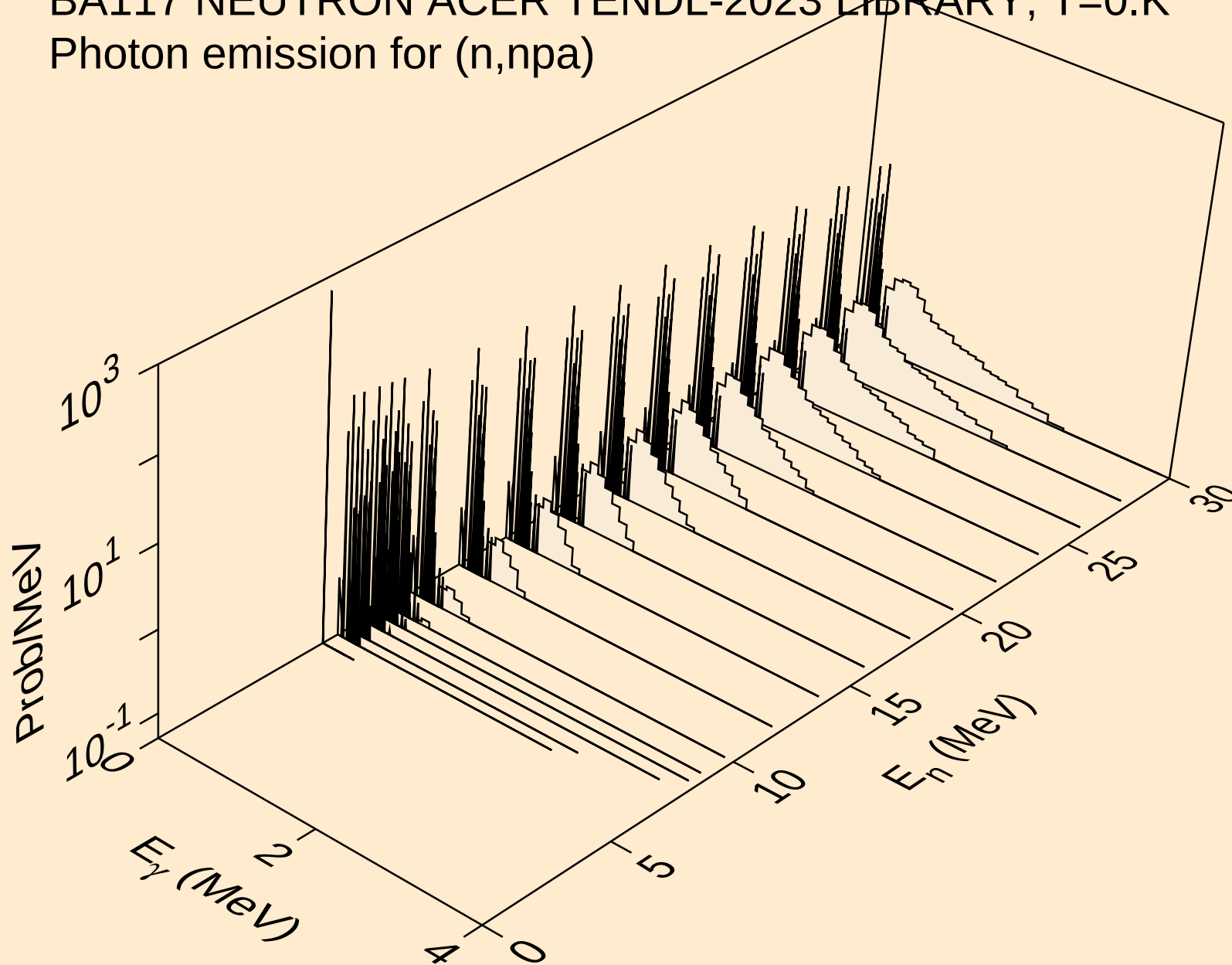
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Photon emission for (n,2np)



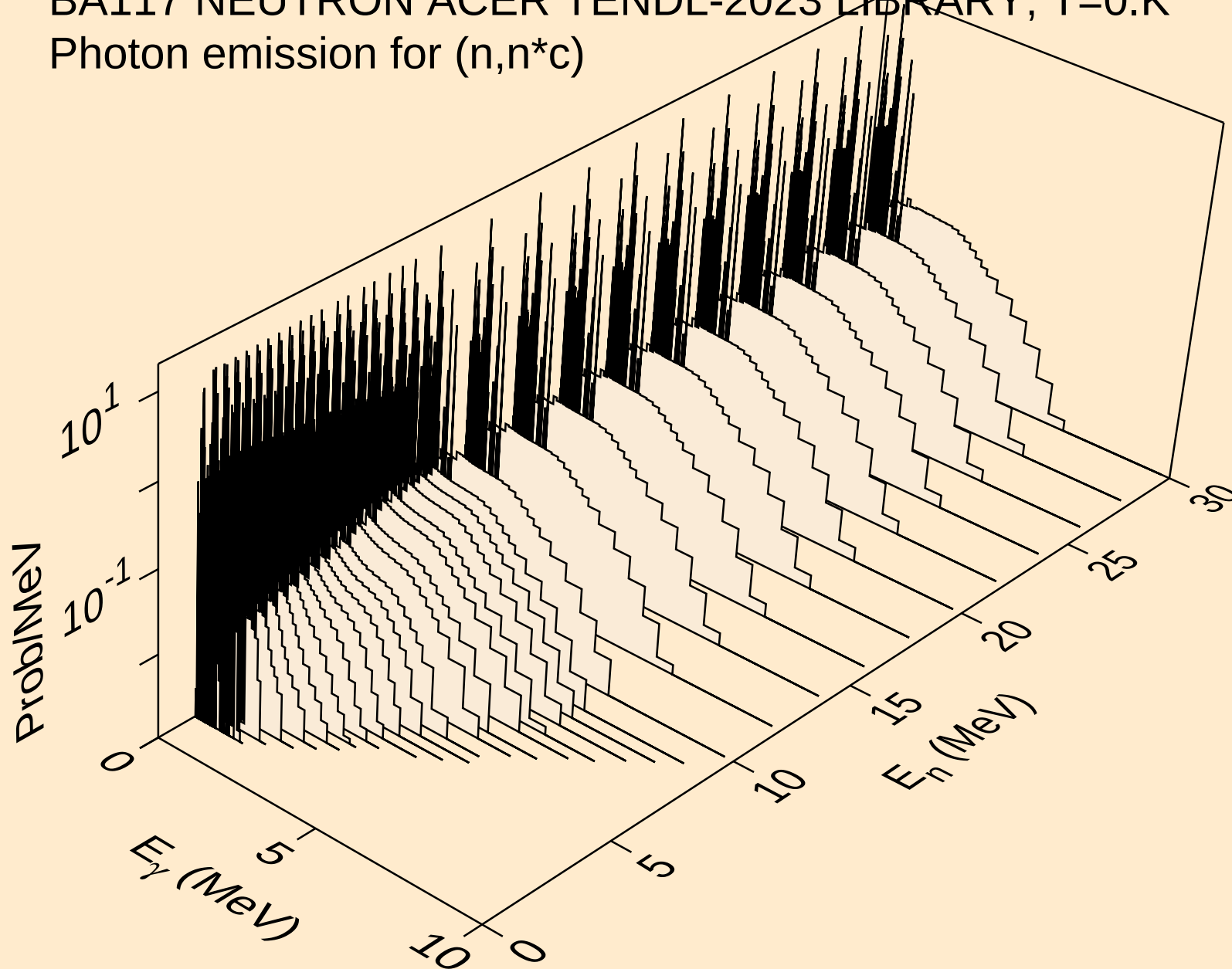
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Photon emission for (n,n2p)



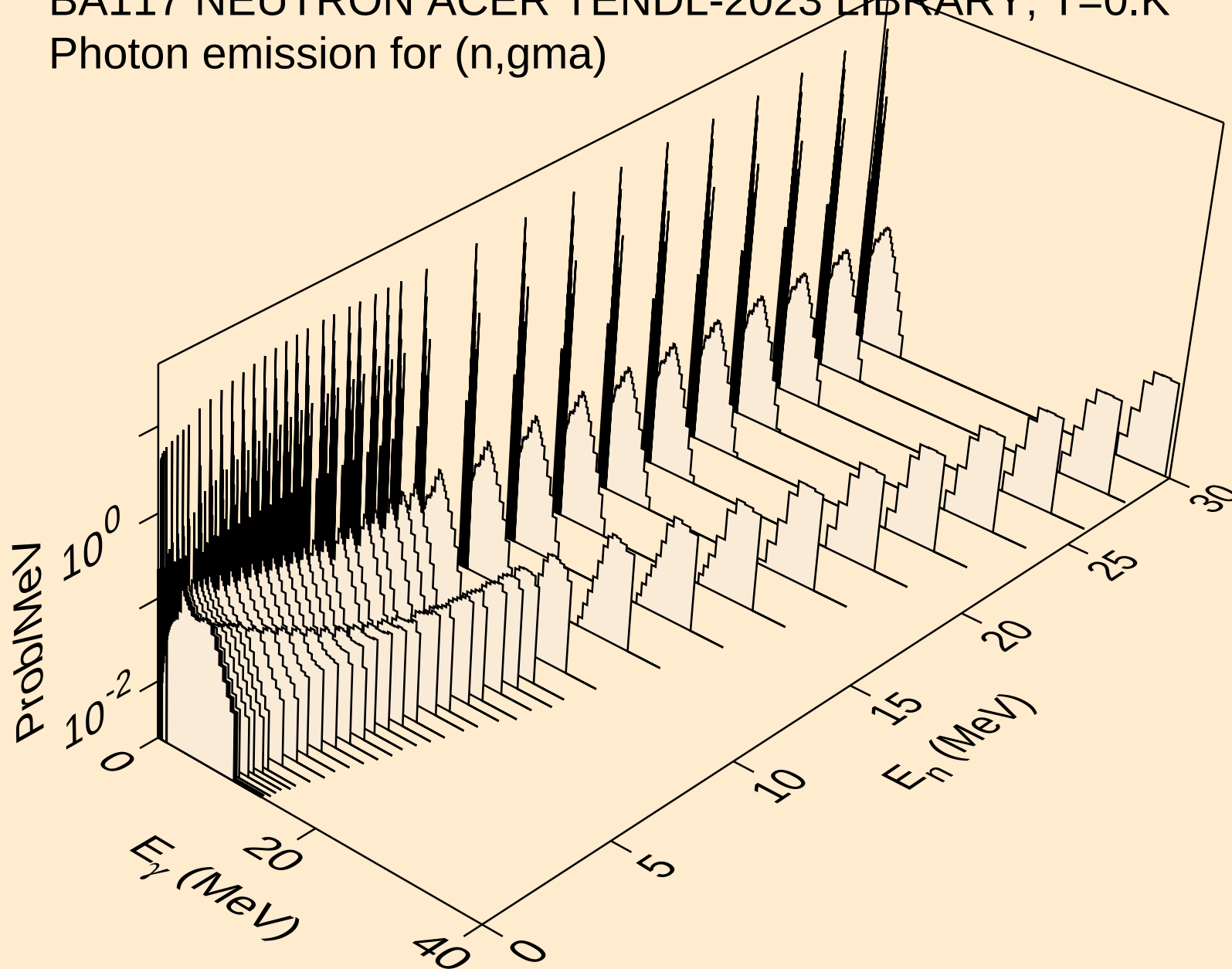
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Photon emission for (n,npa)



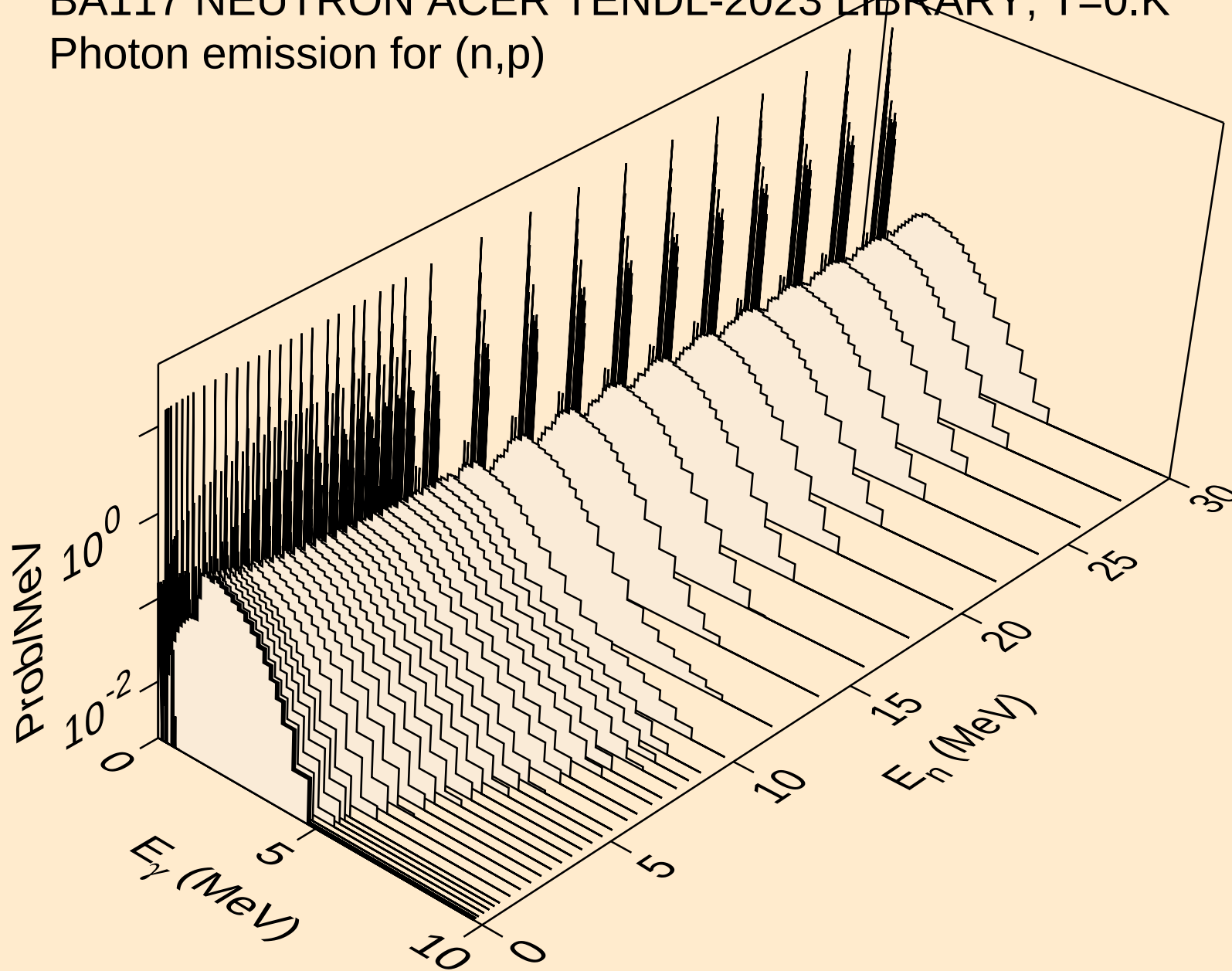
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Photon emission for (n,n*c)



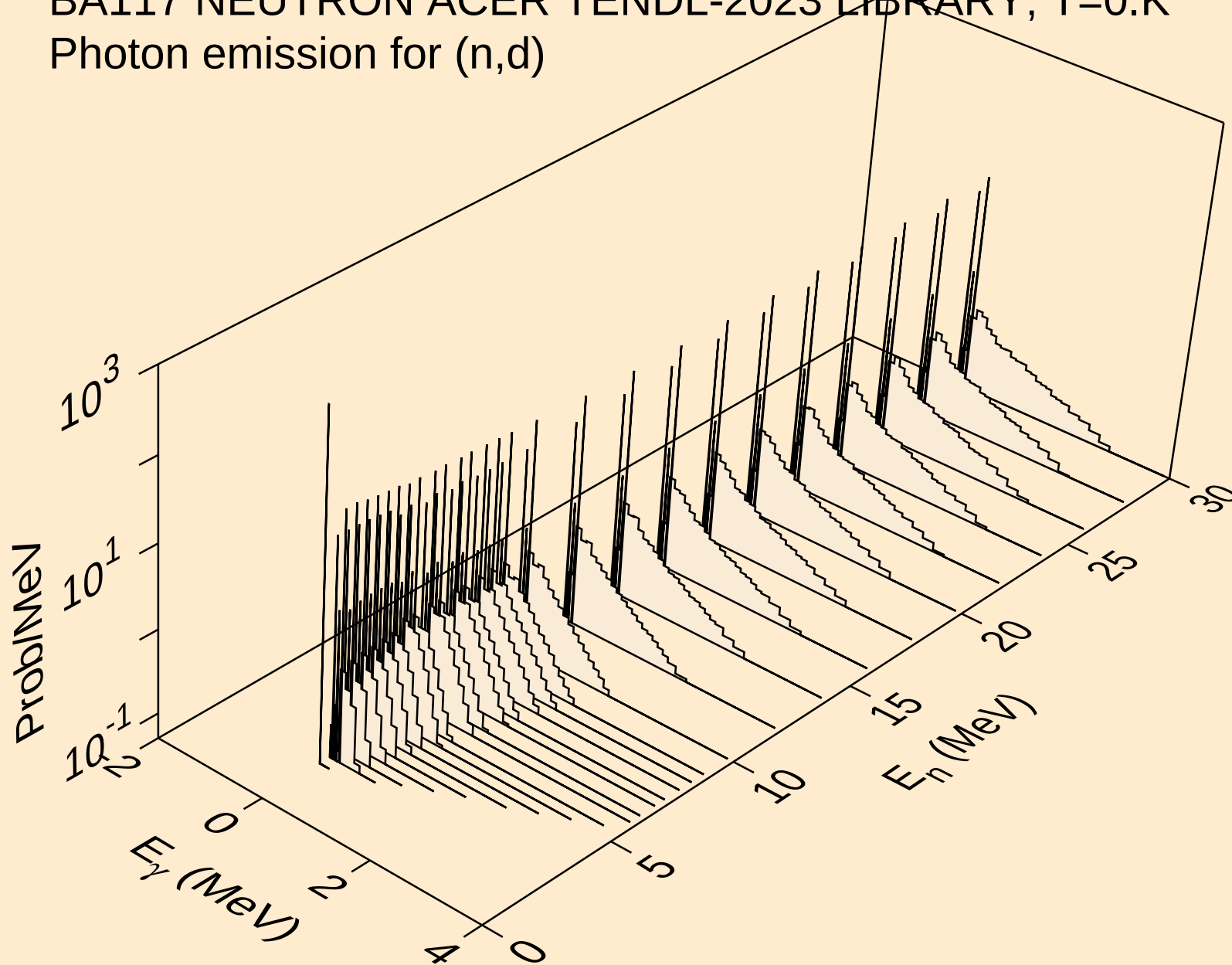
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Photon emission for (n,gma)



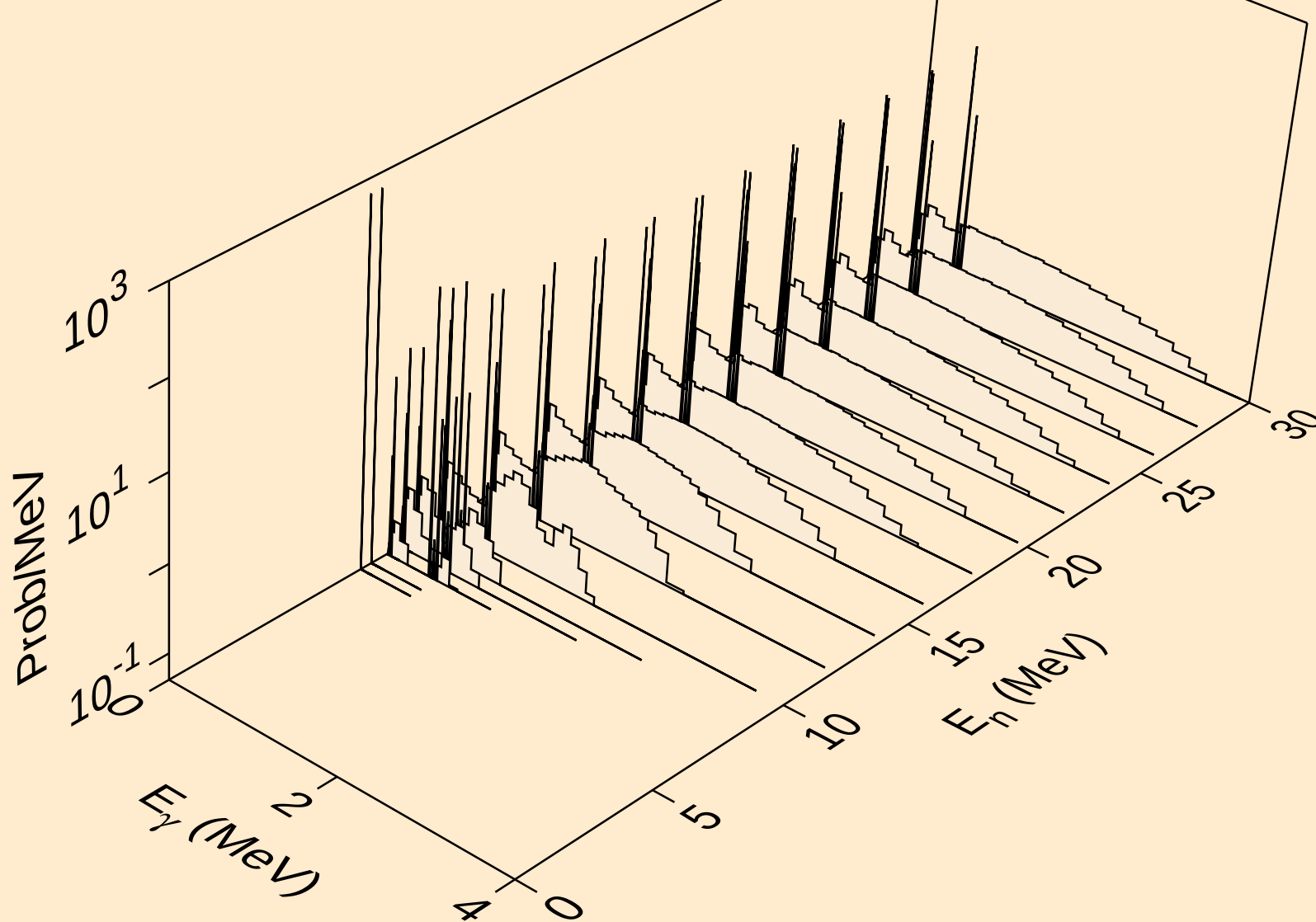
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Photon emission for (n,p)



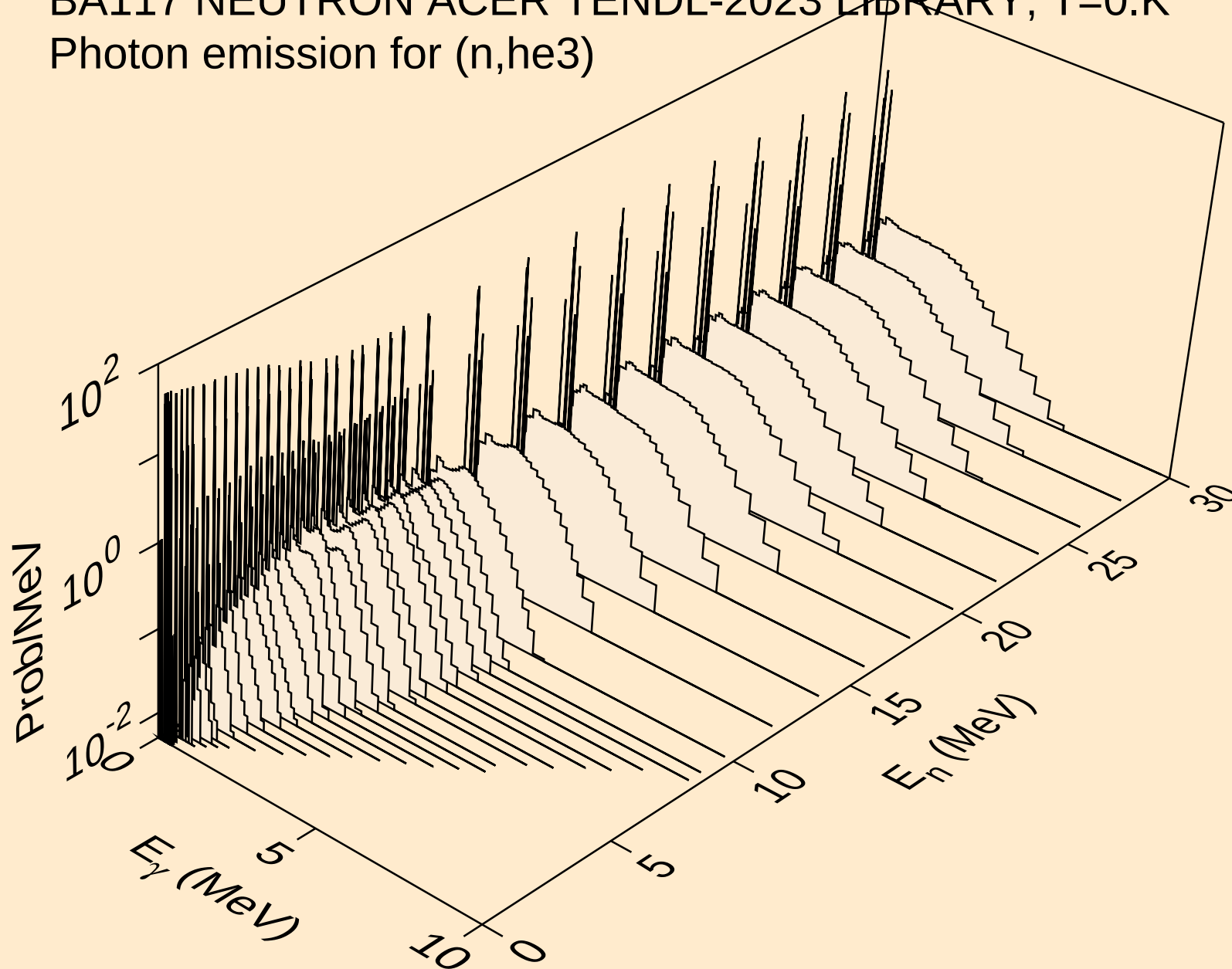
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Photon emission for (n,d)



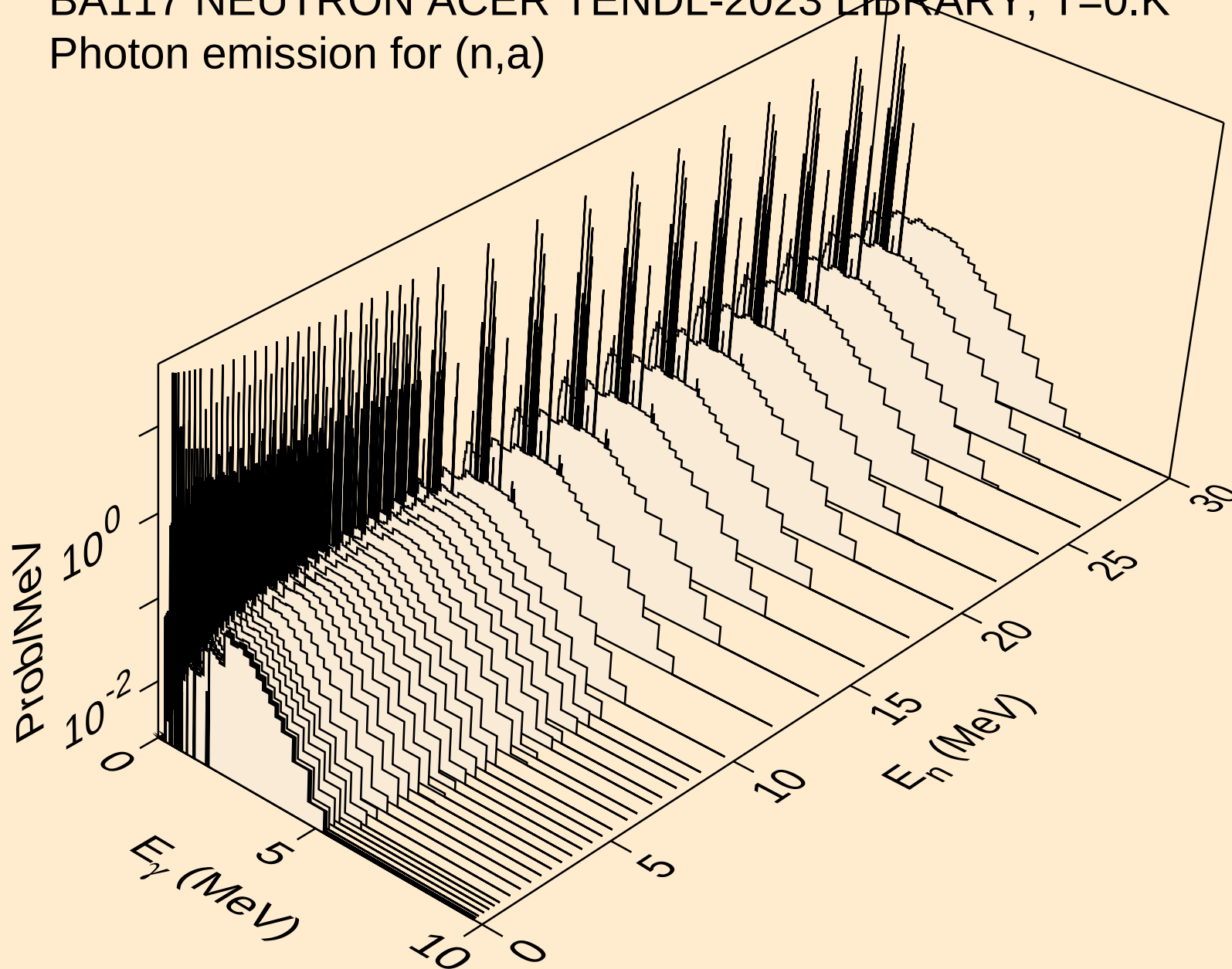
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Photon emission for (n,t)



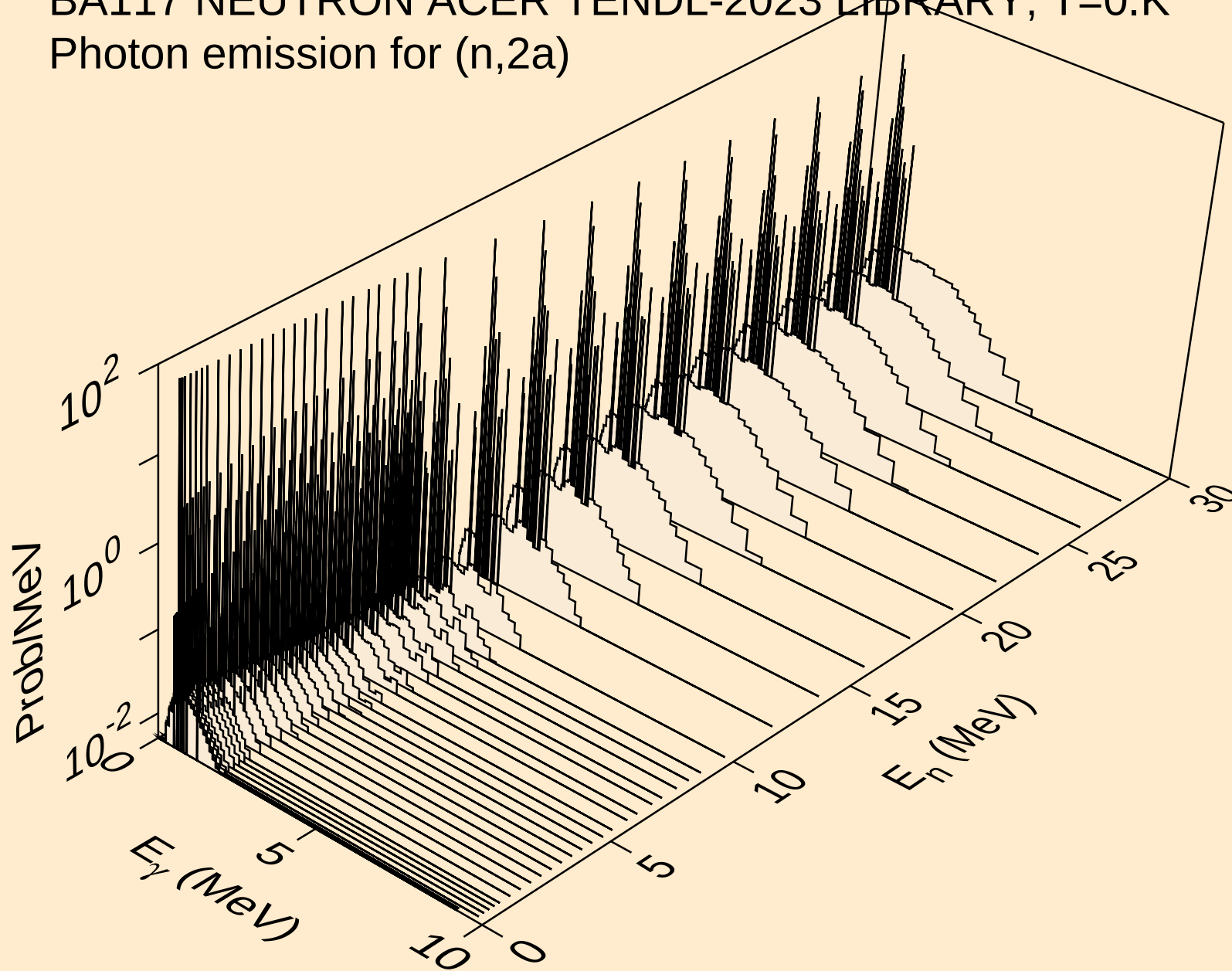
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



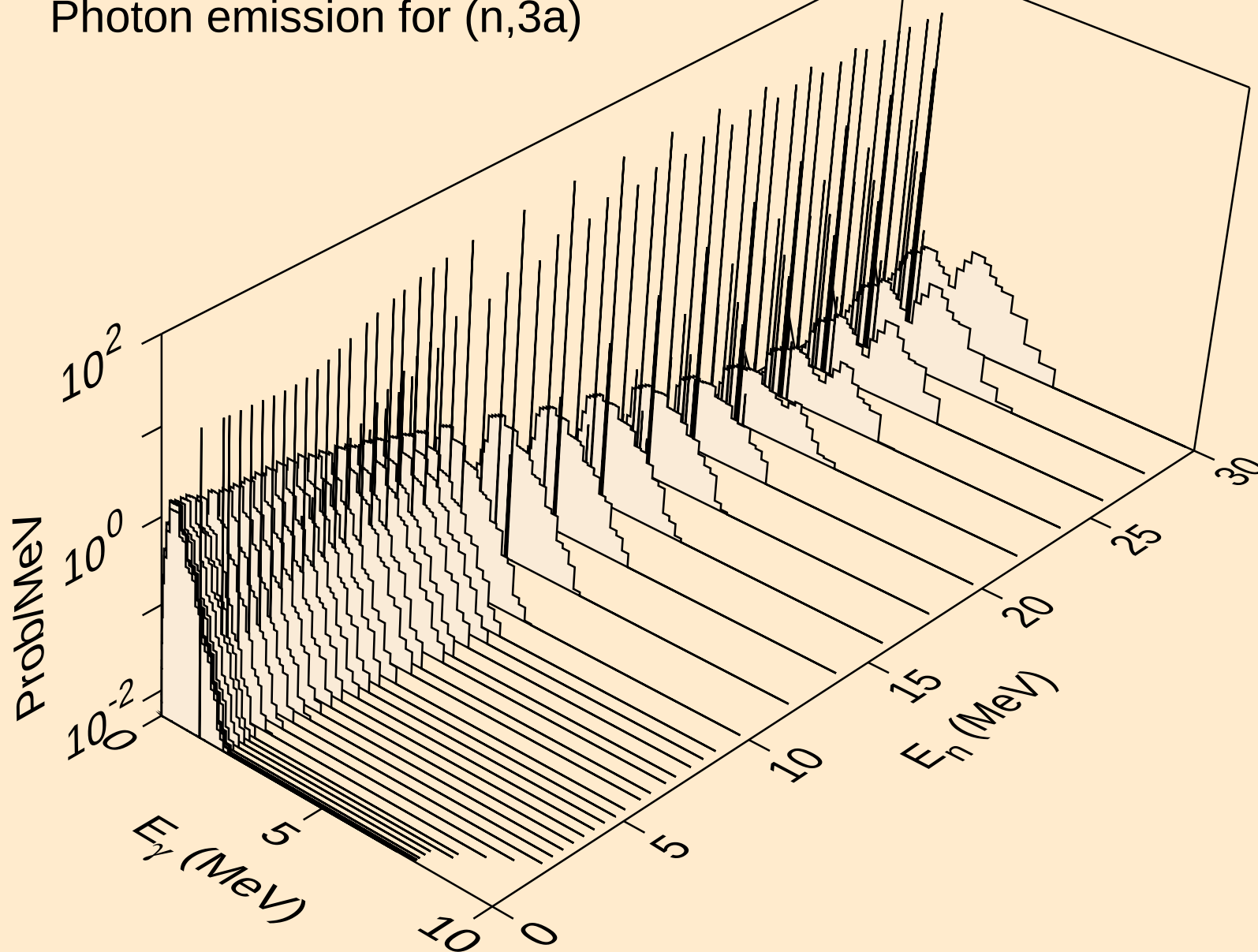
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Photon emission for (n,a)



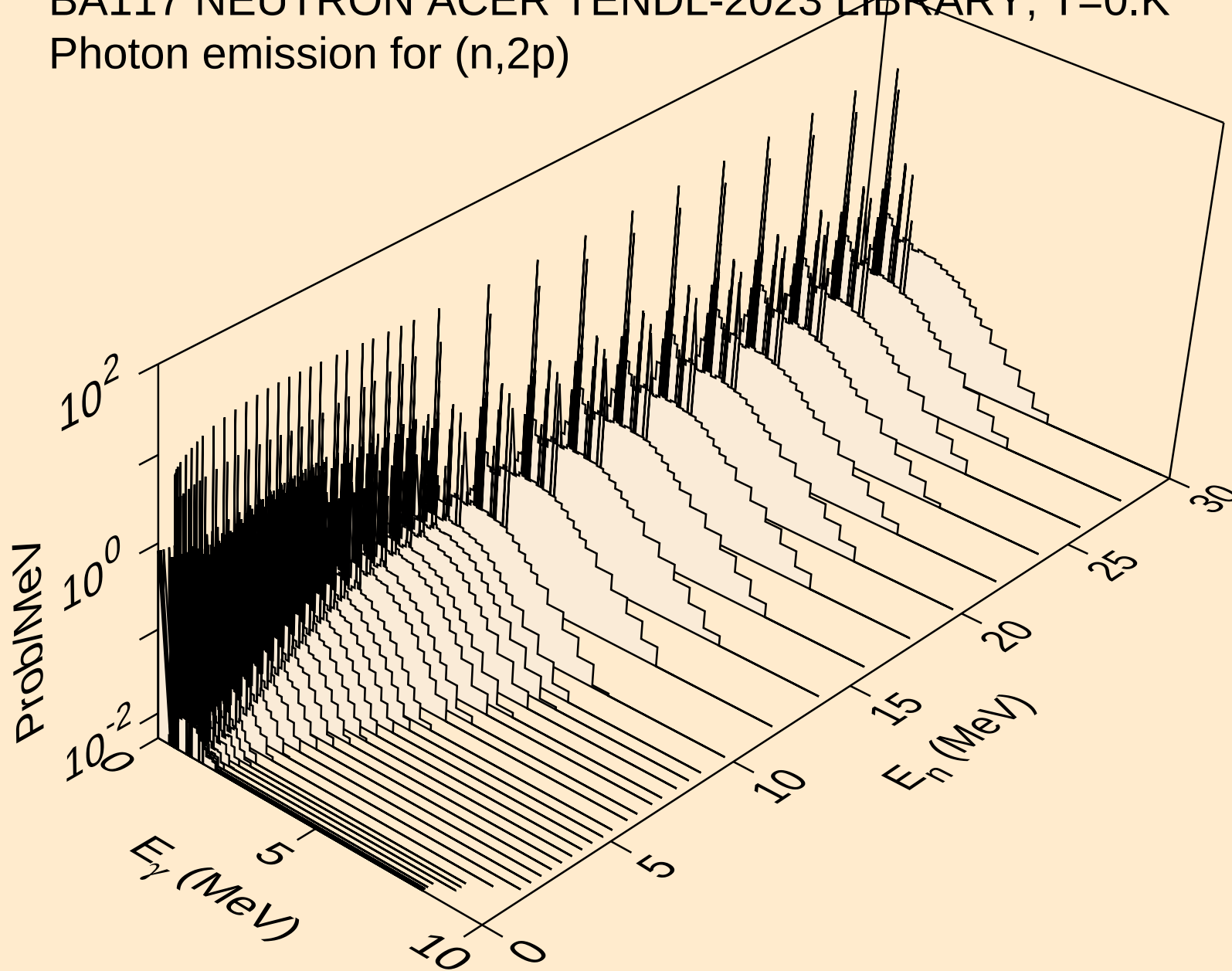
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



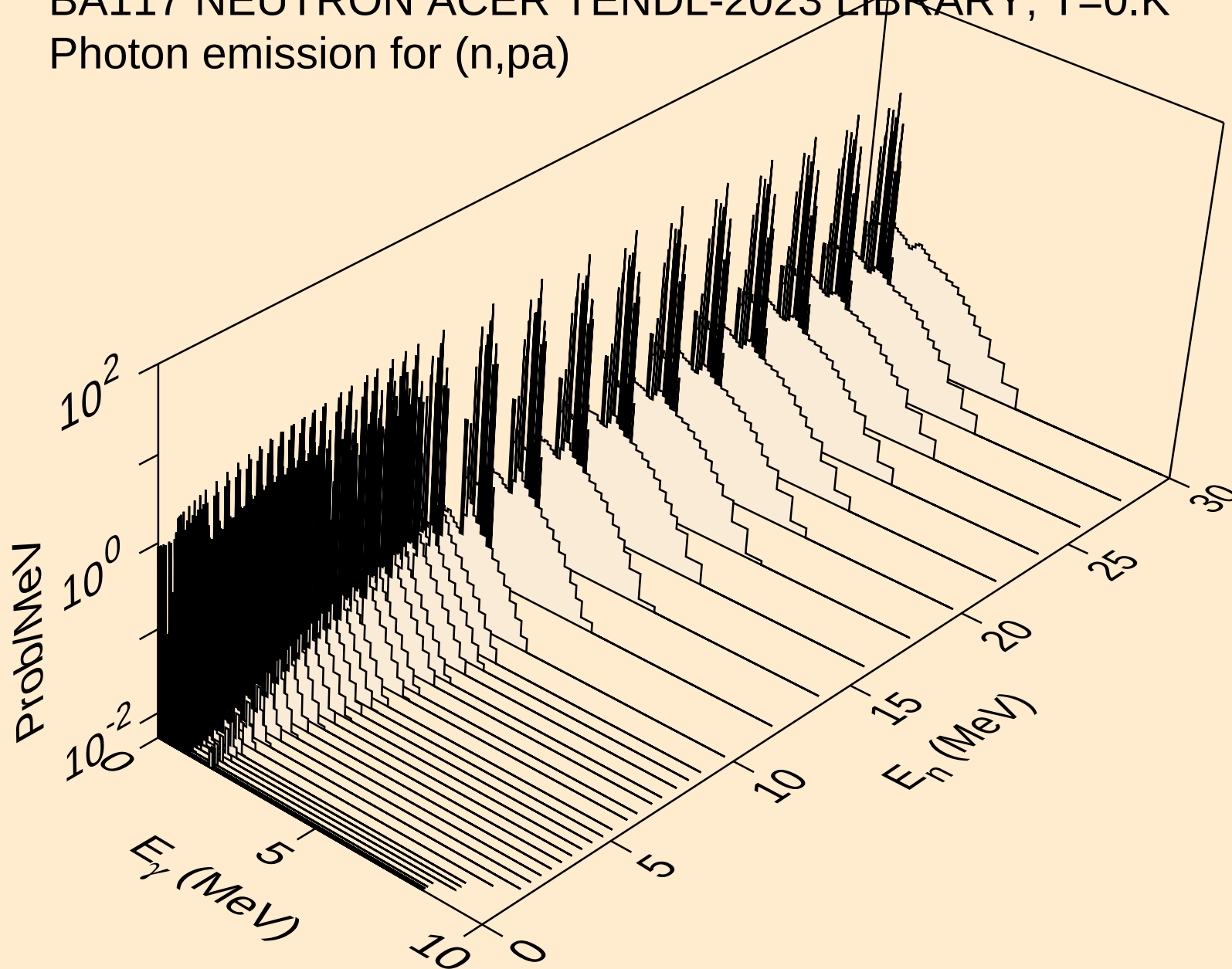
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Photon emission for (n,3a)



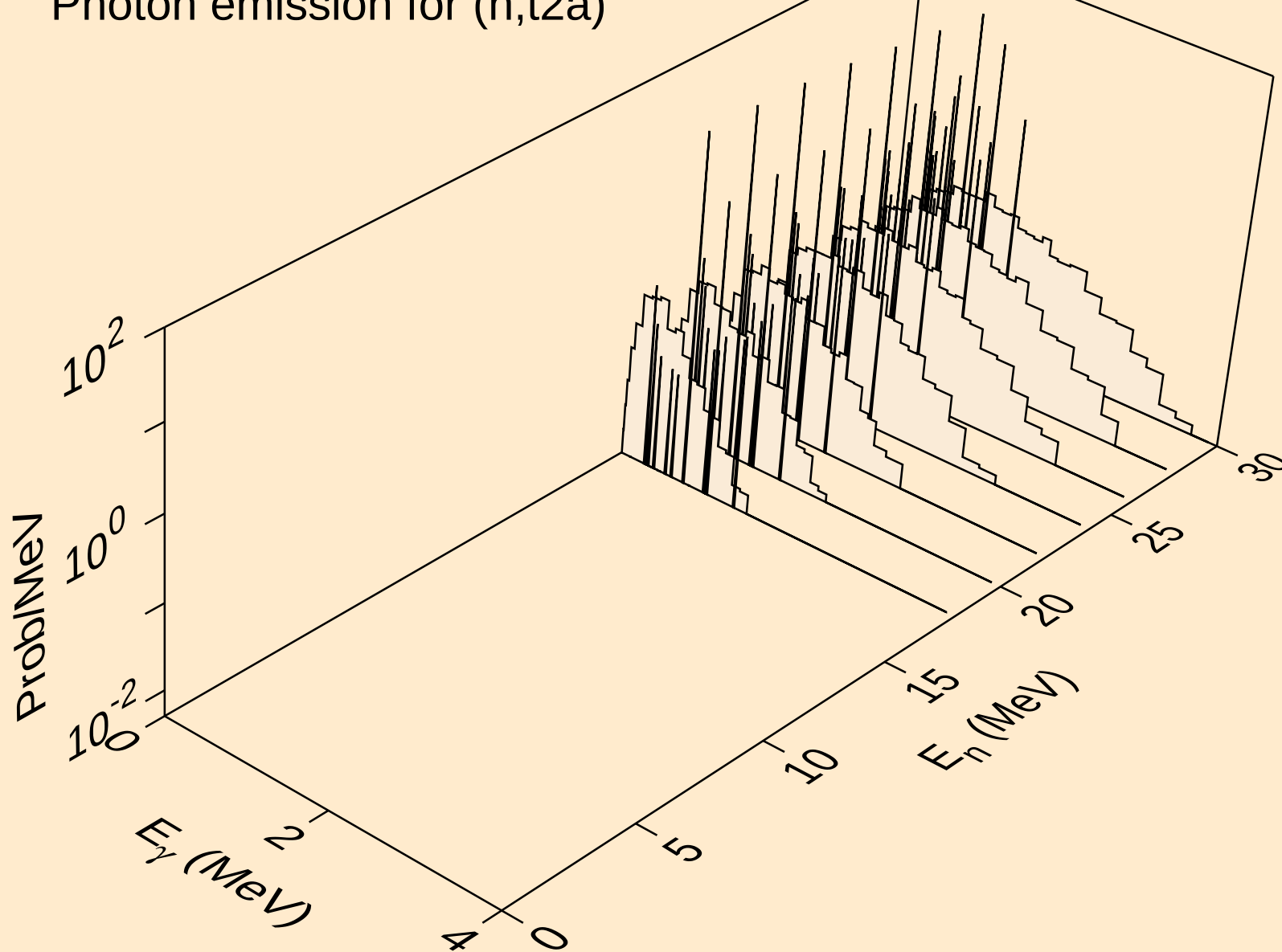
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Photon emission for (n,2p)



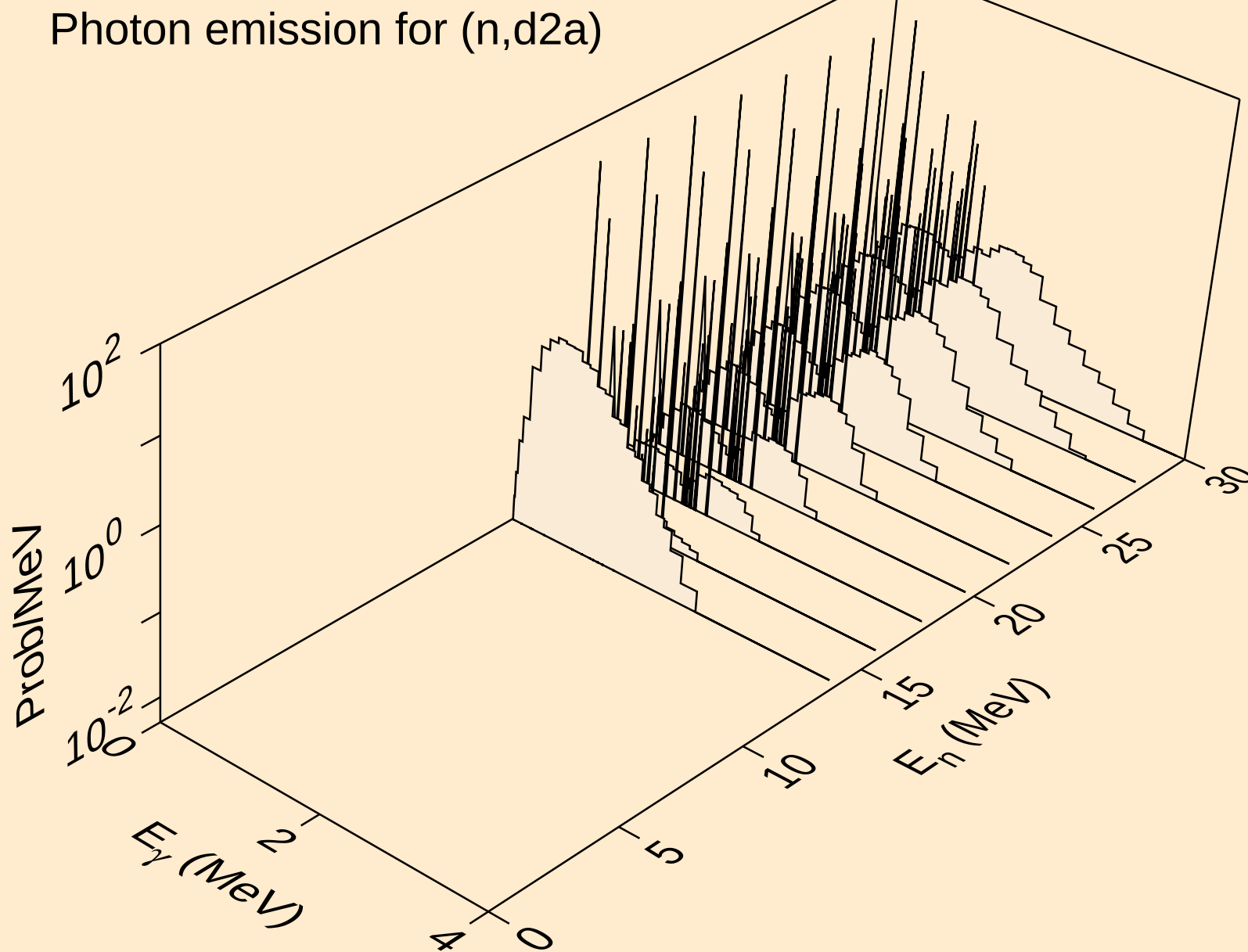
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Photon emission for (n,p α)



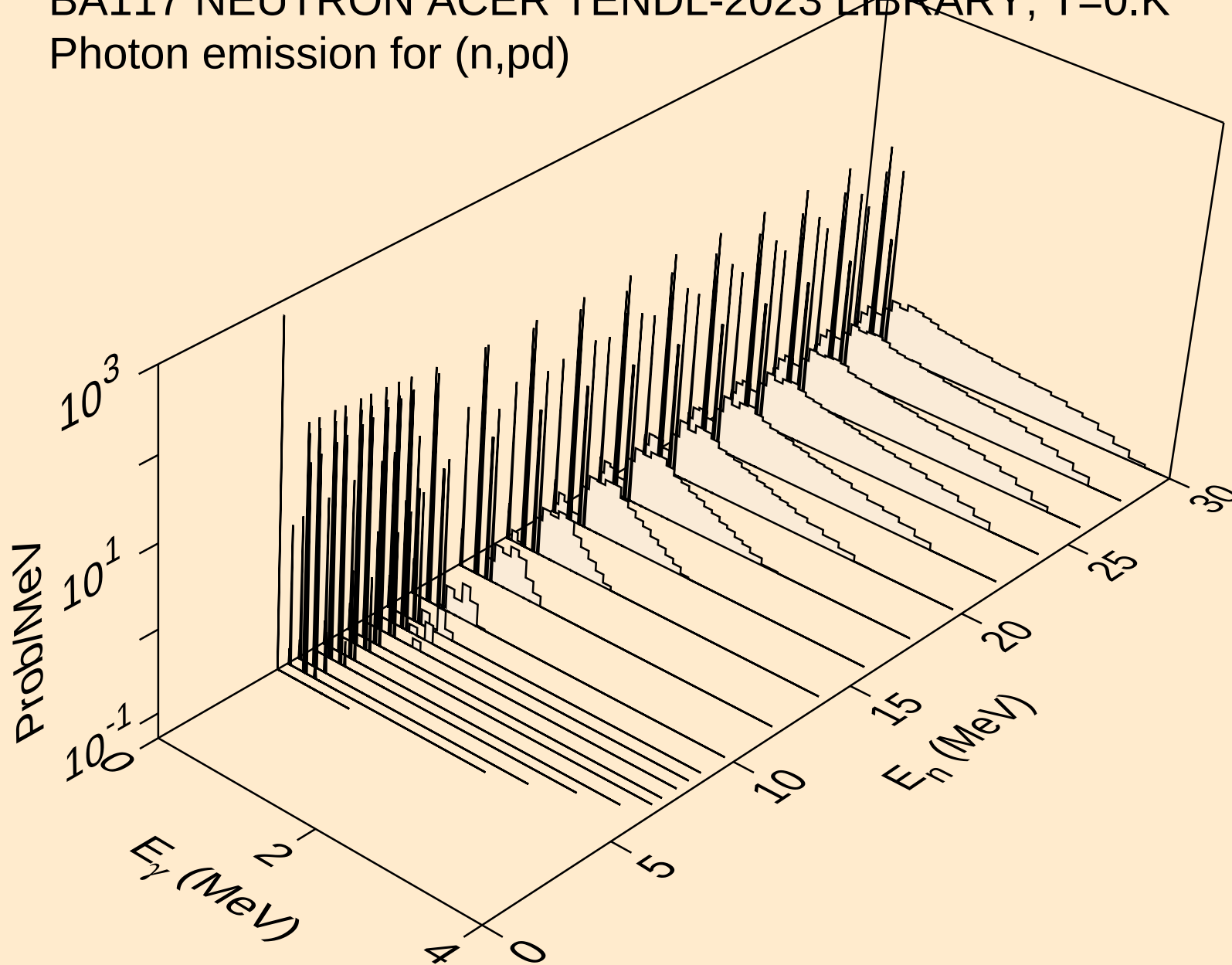
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Photon emission for (n,t2a)



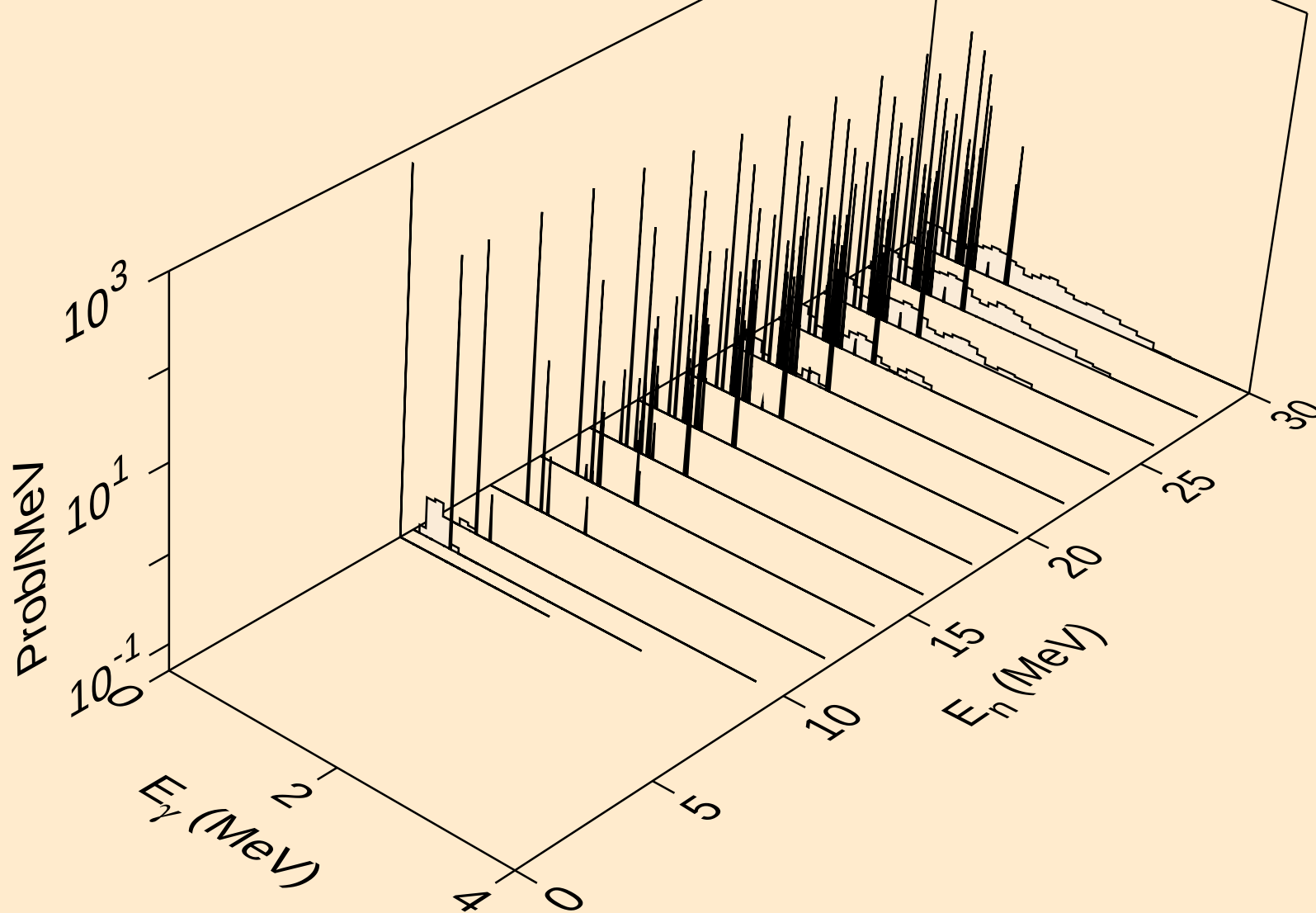
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Photon emission for (n,d2a)



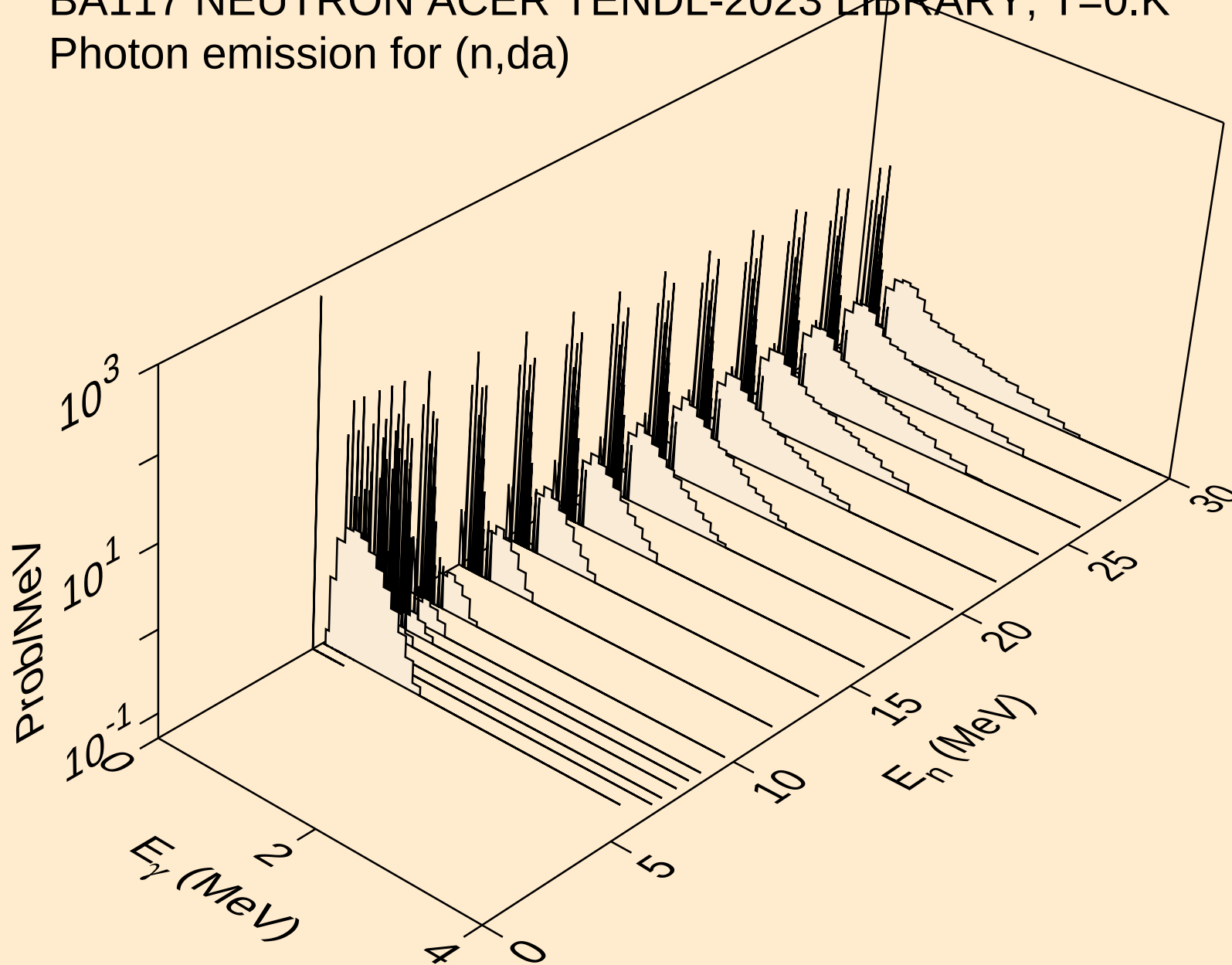
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



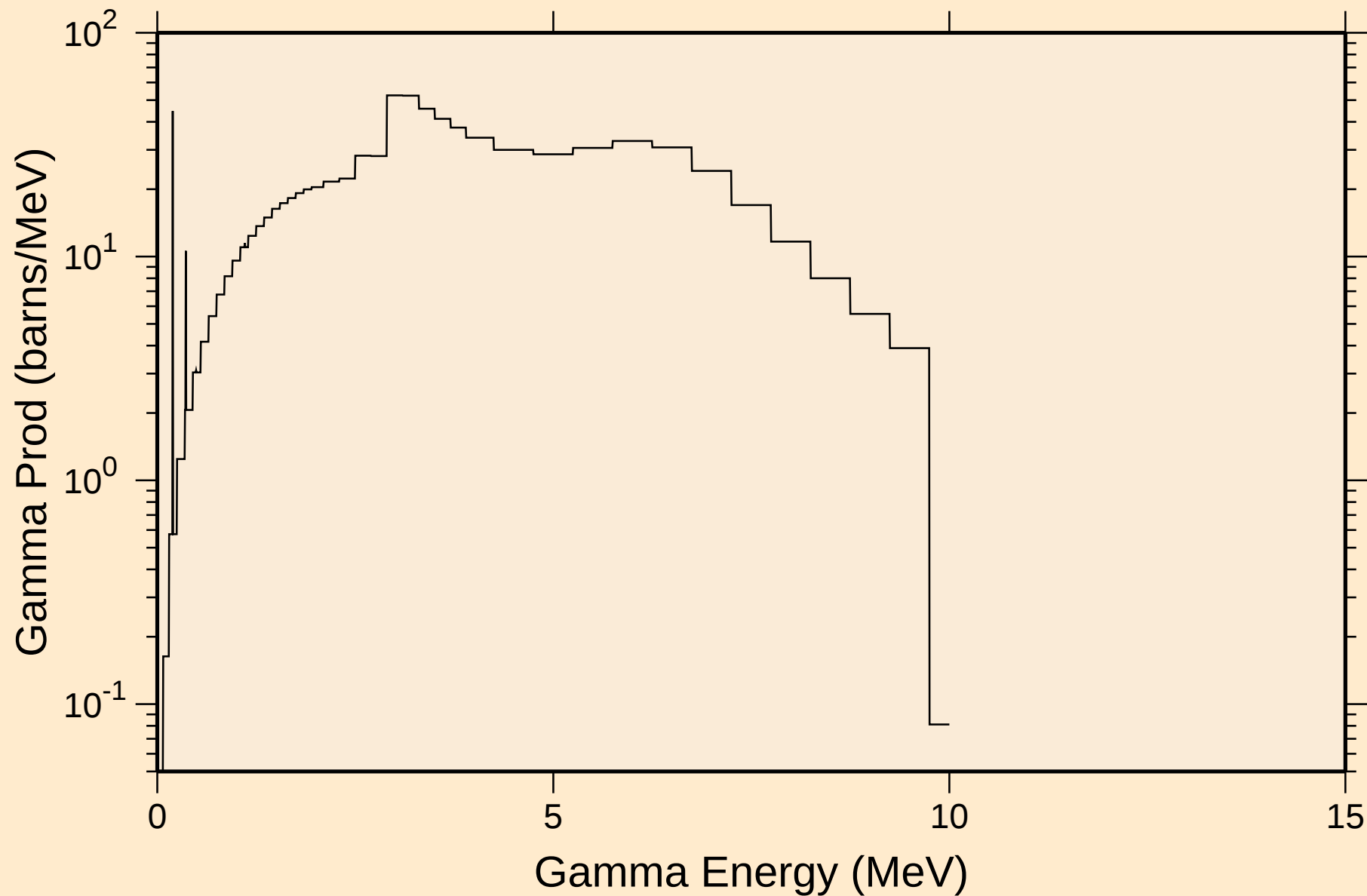
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)



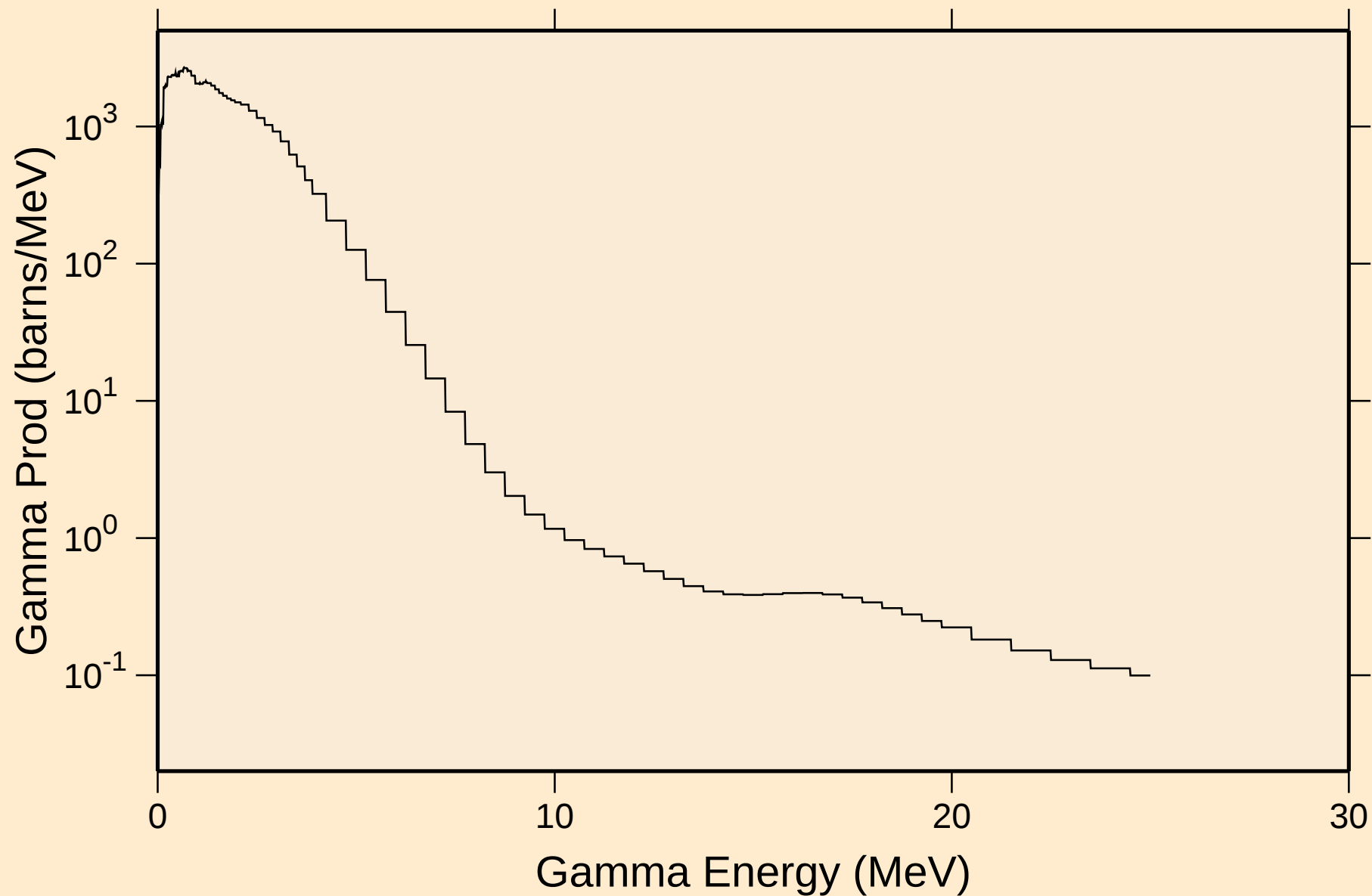
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

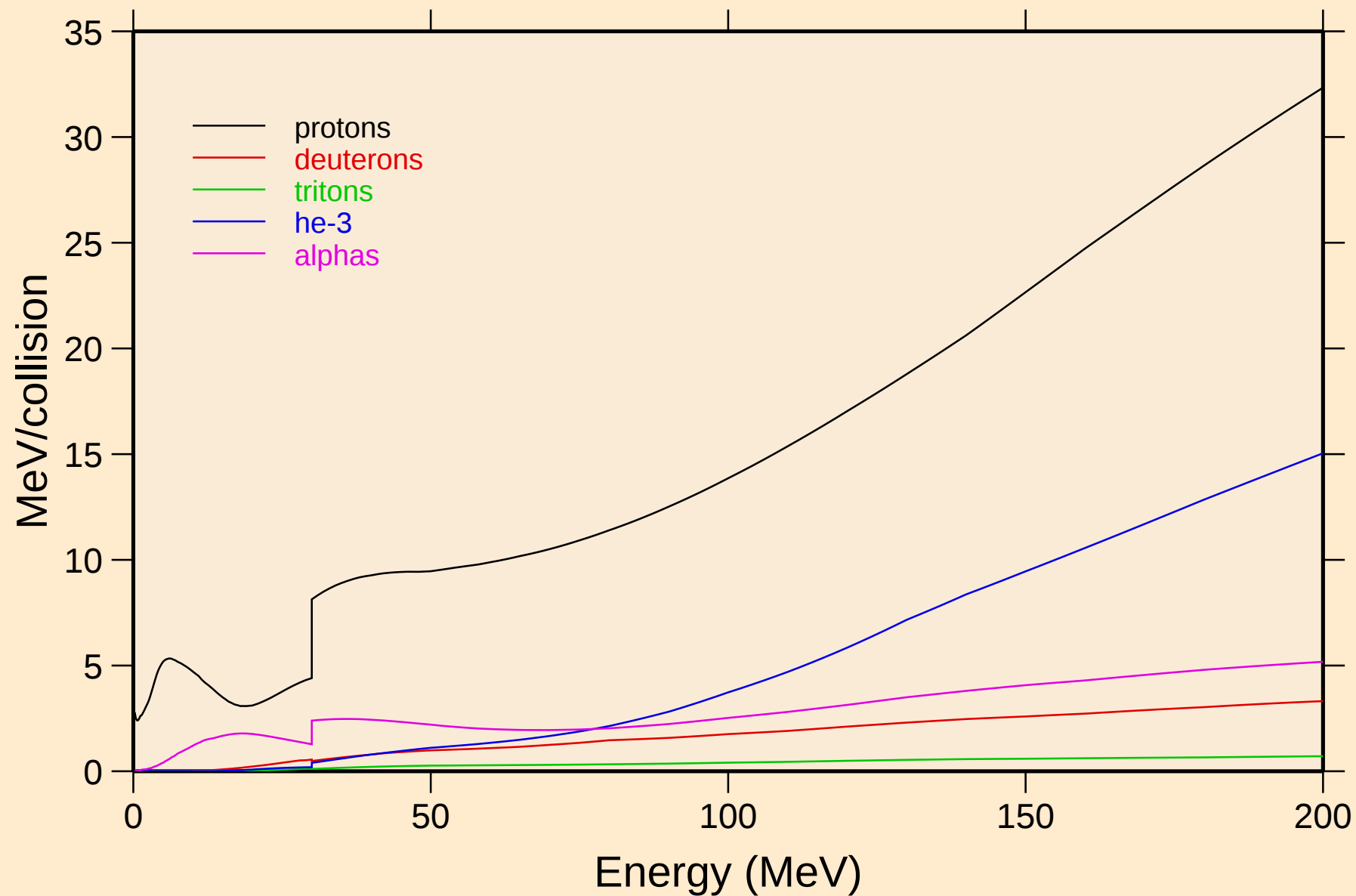


BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum



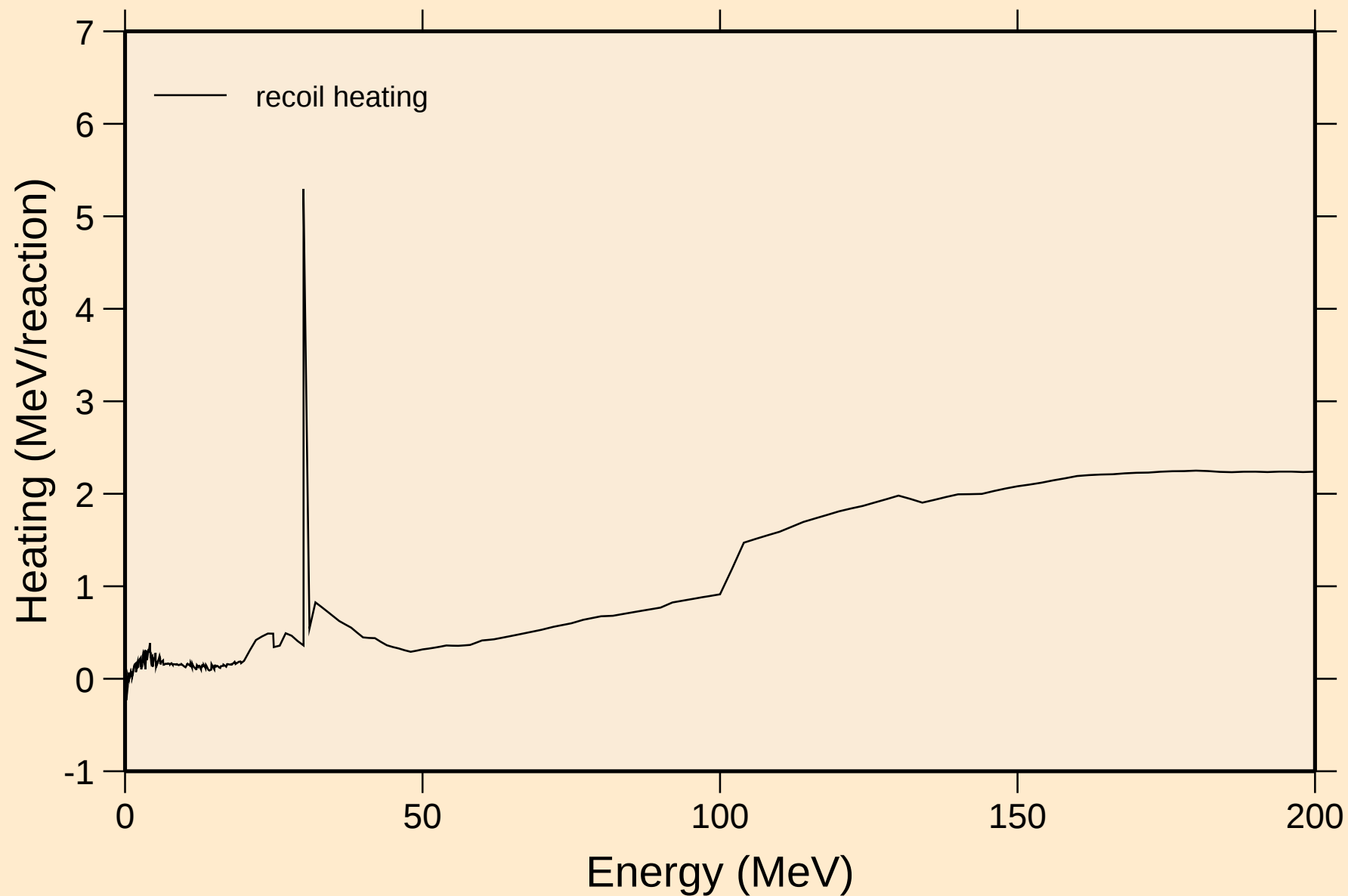
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



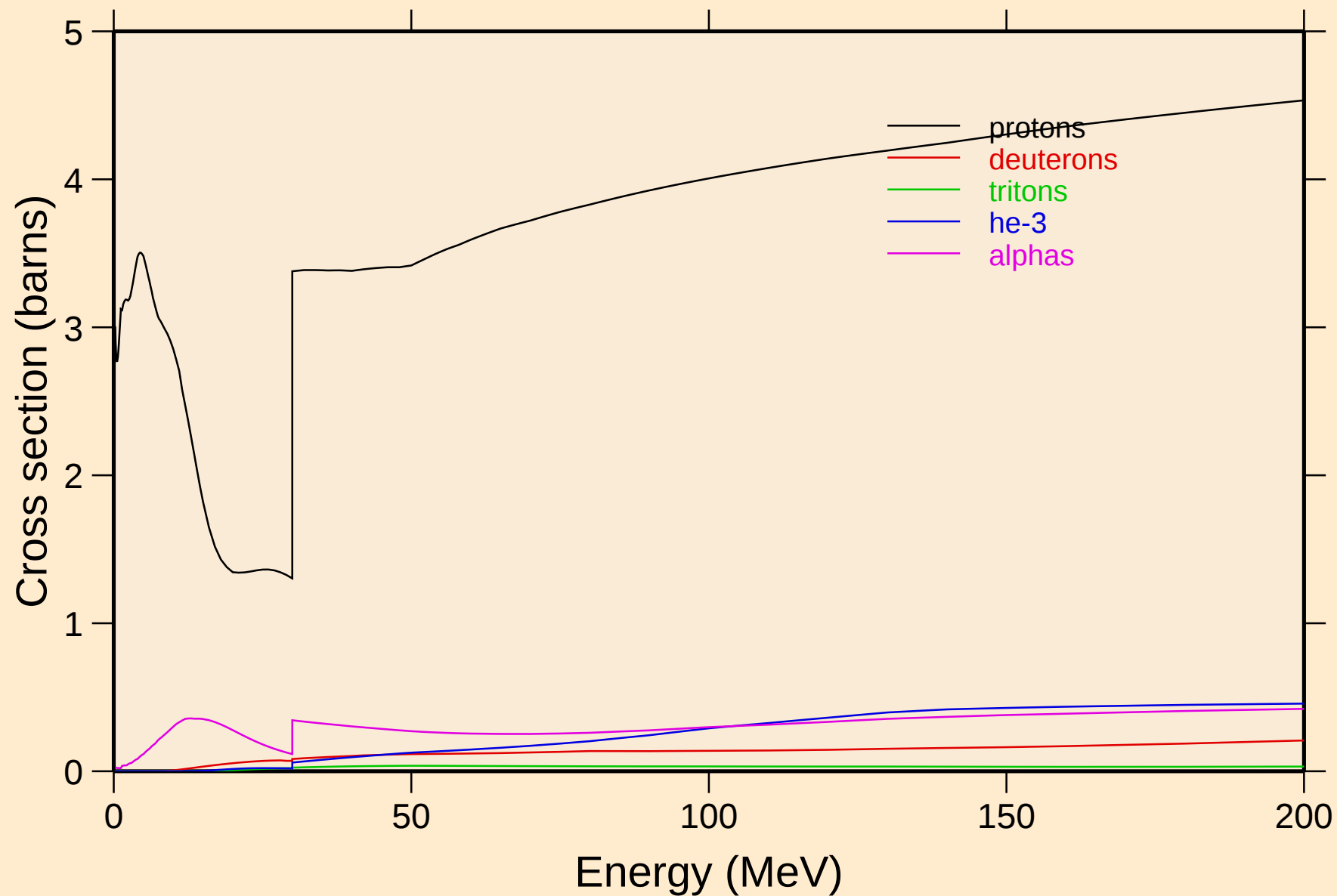
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Recoil Heating

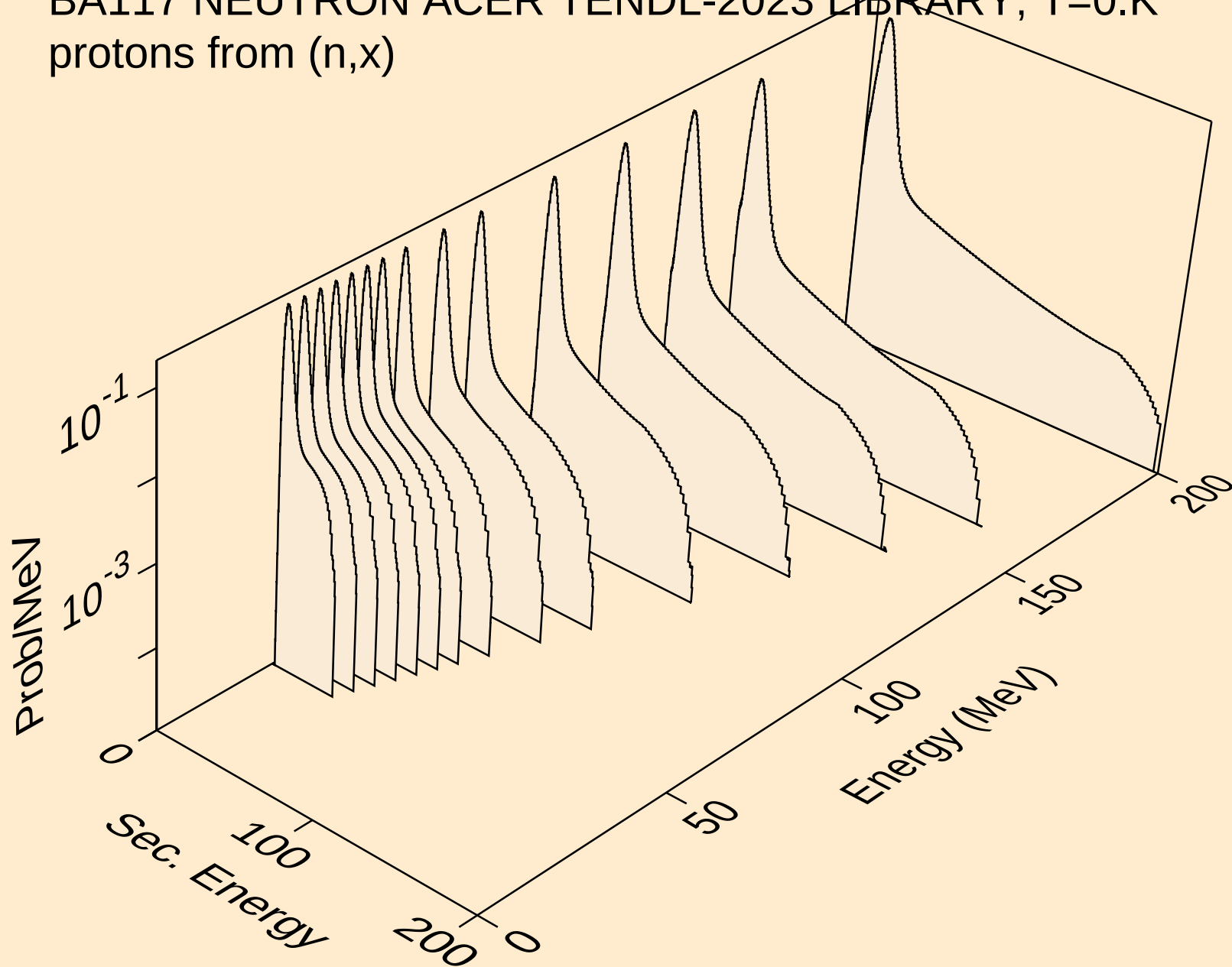


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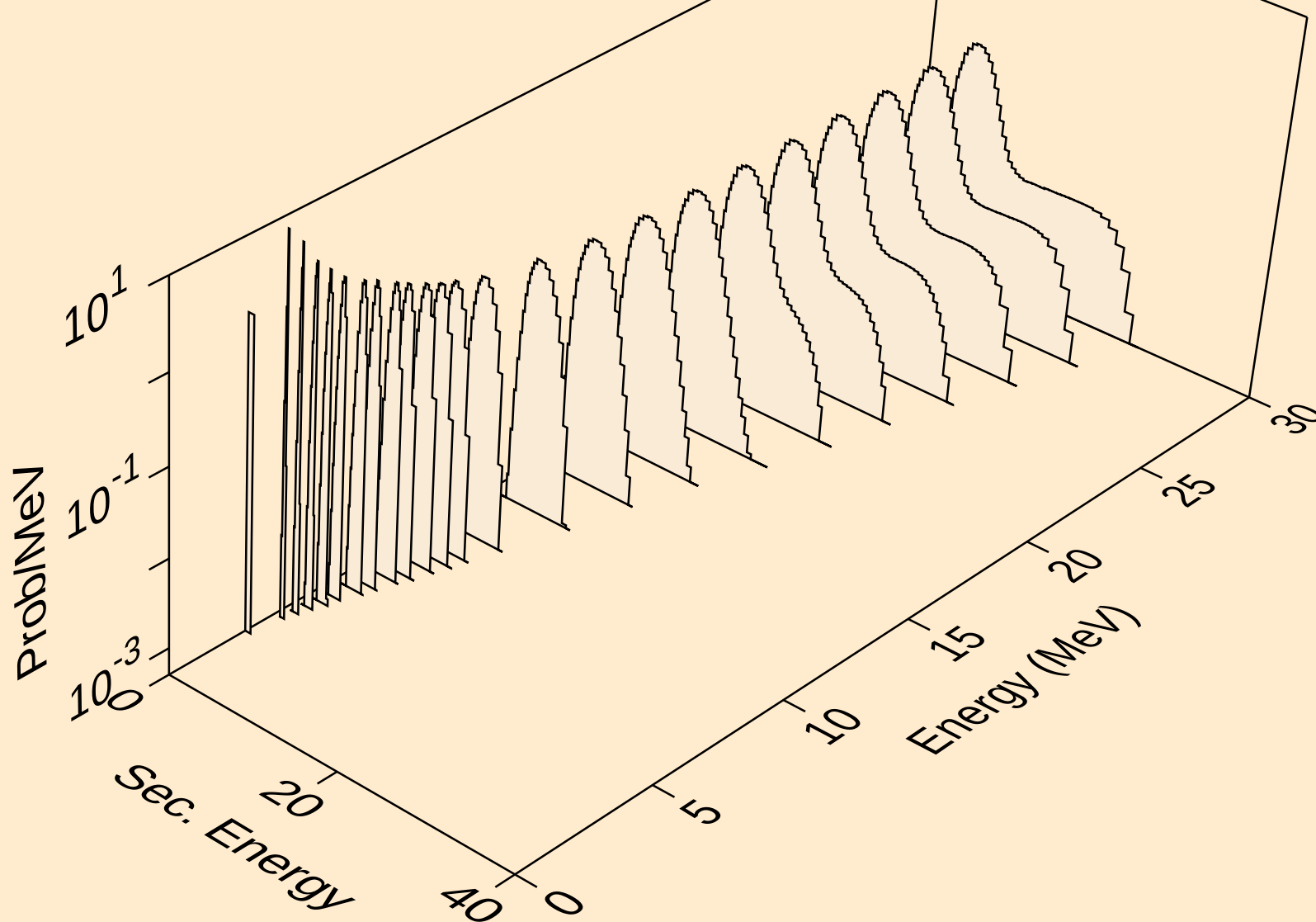
Particle production cross sections



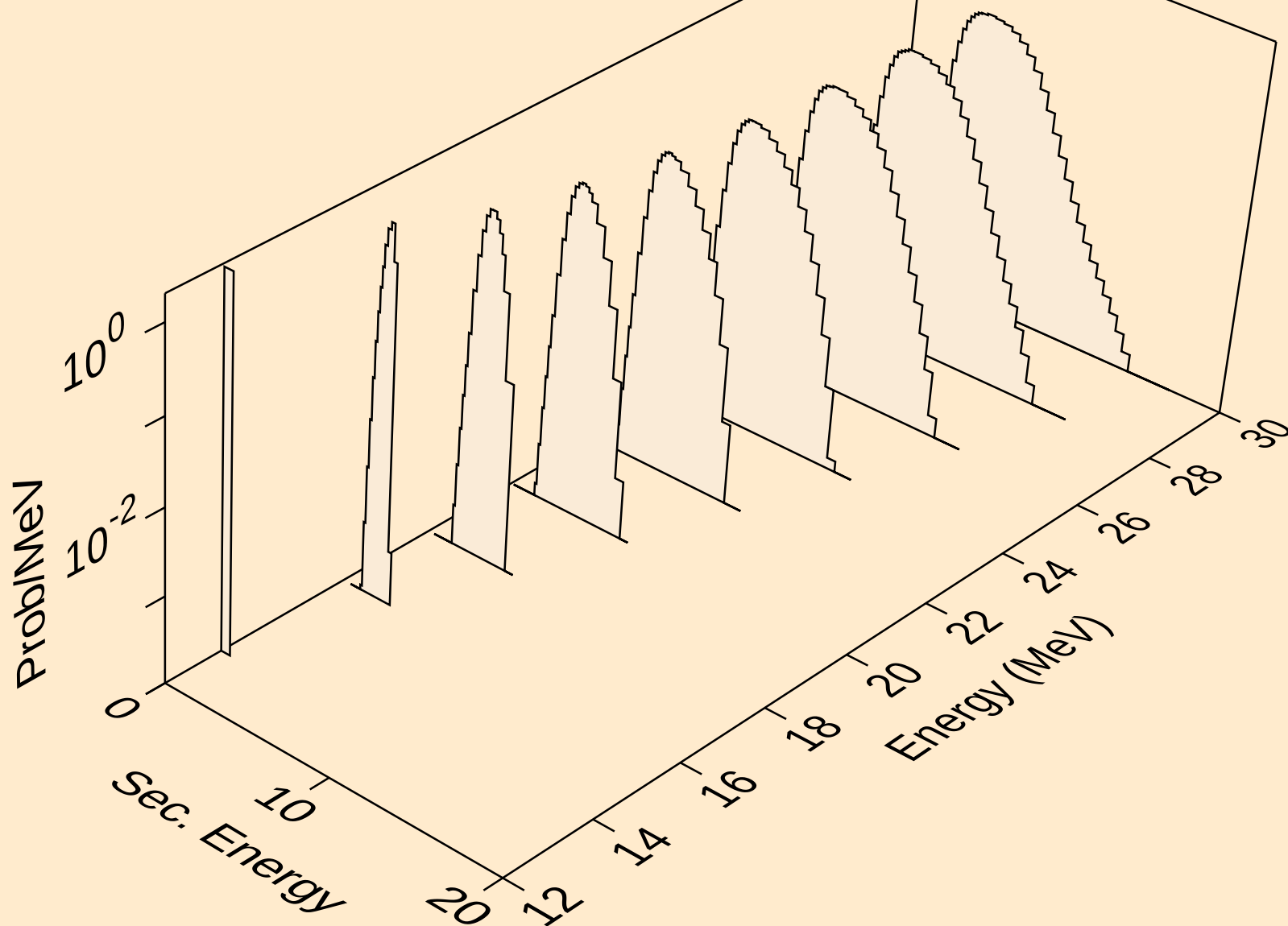
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



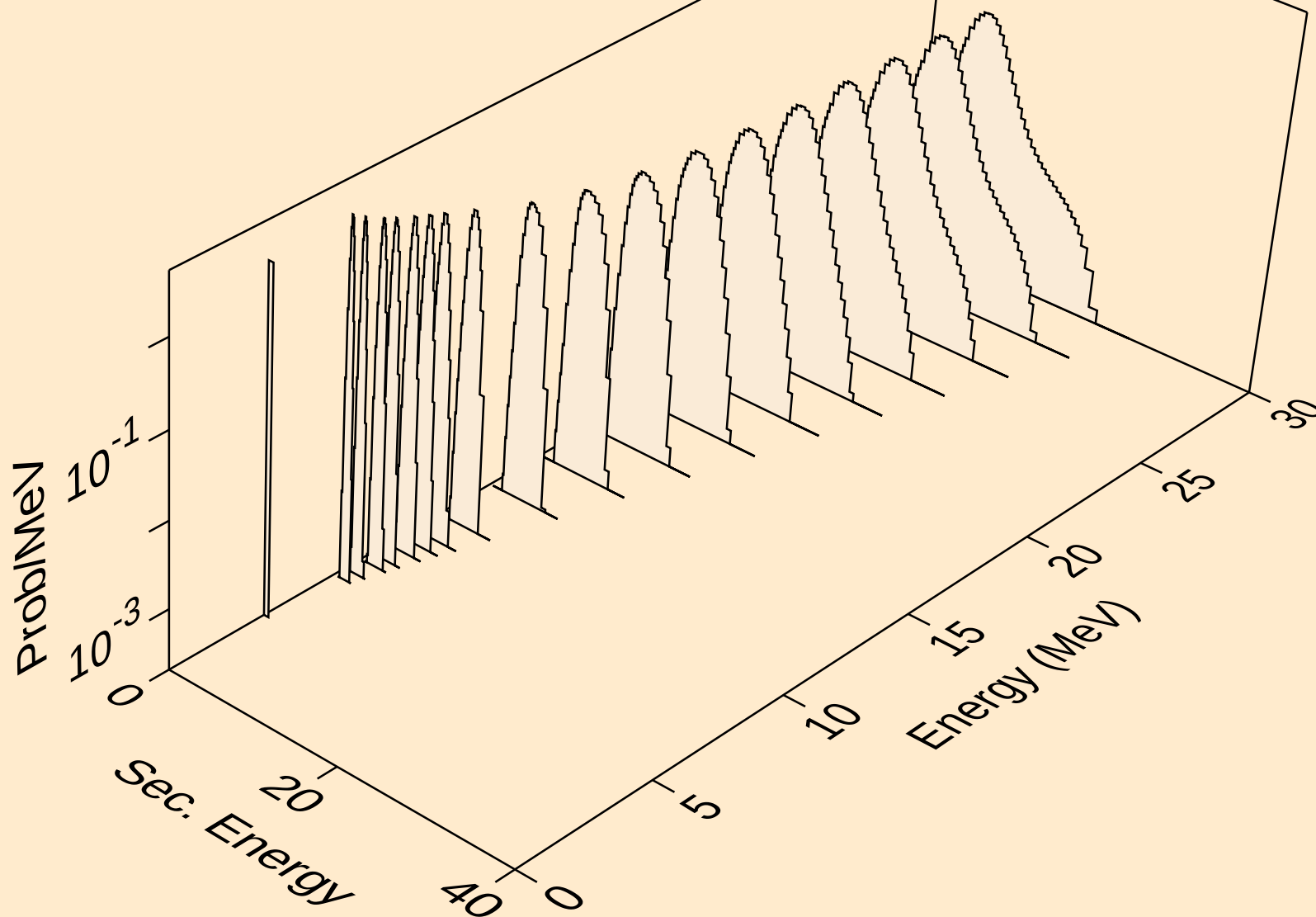
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protons from (n,n*)p



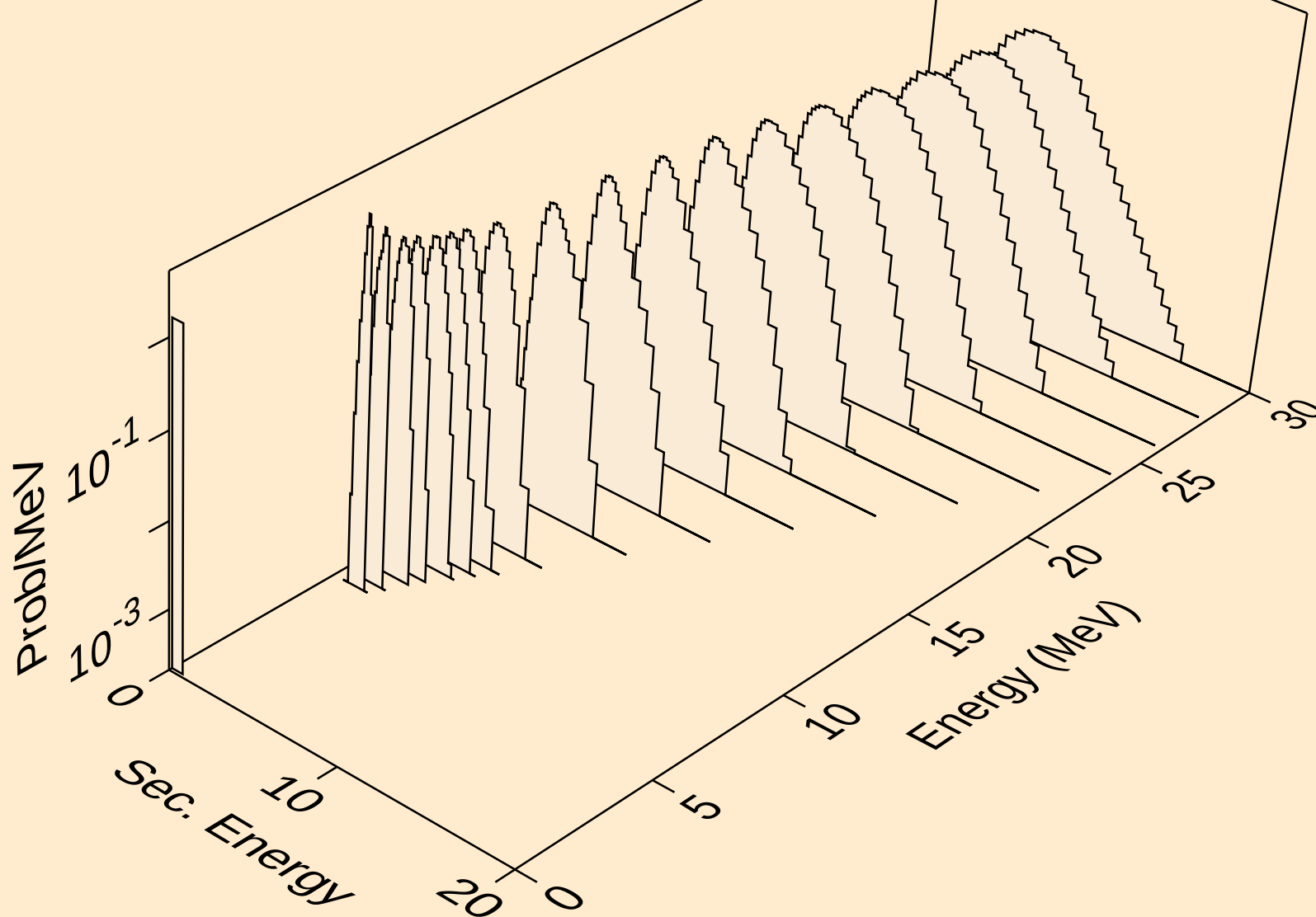
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protons from (n,2np)



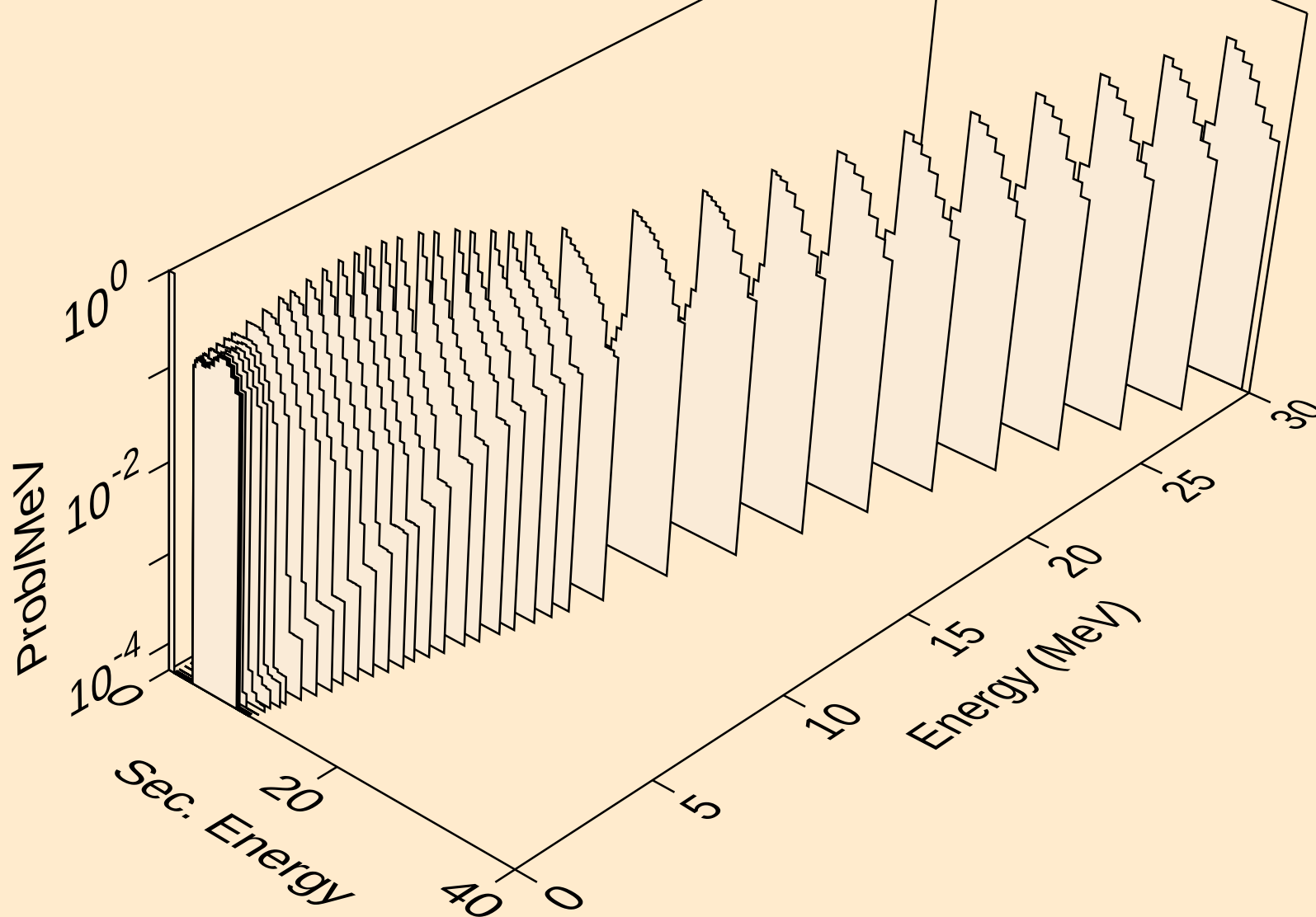
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protons from (n,n2p)



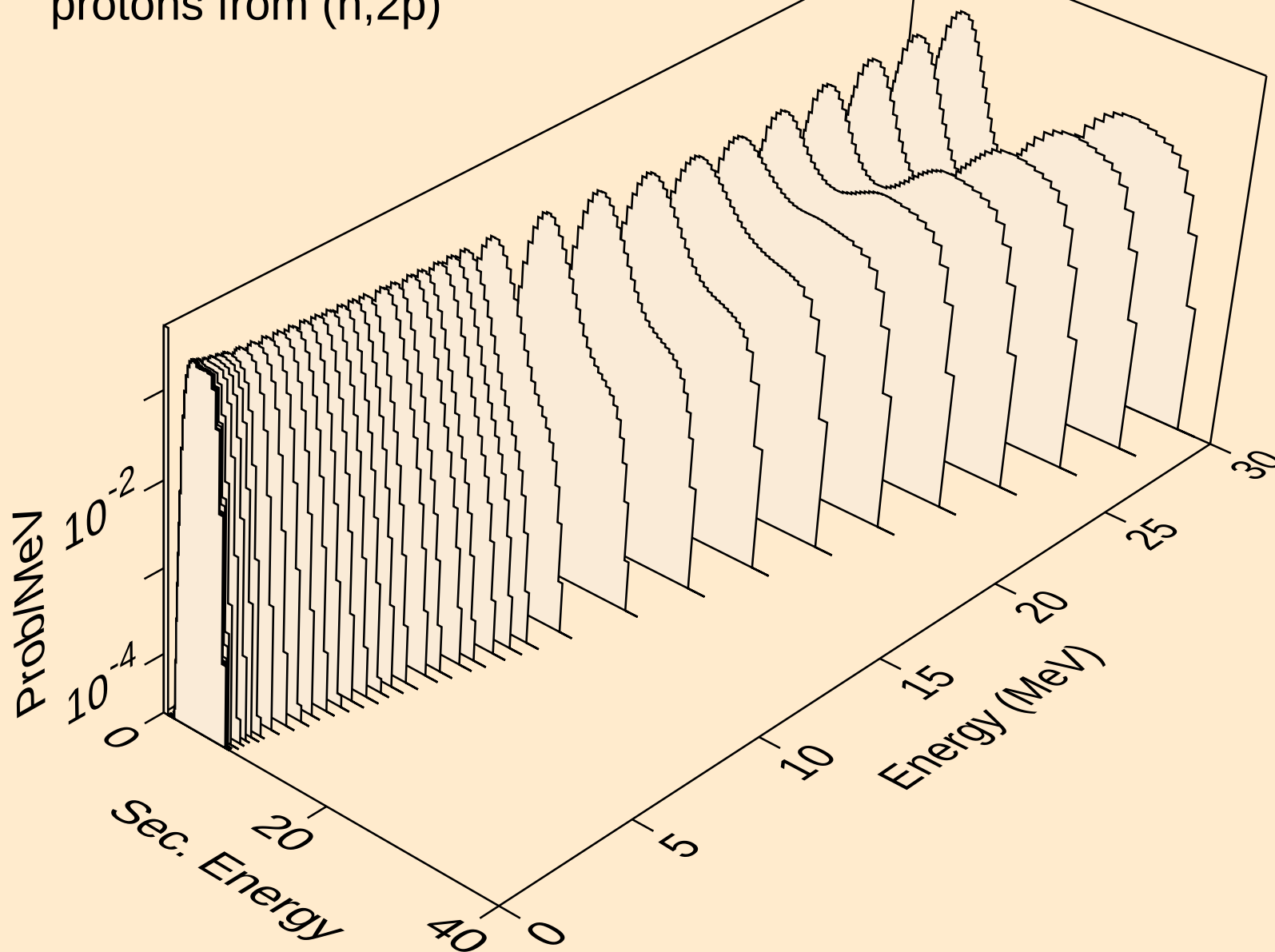
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protons from (n,npa)



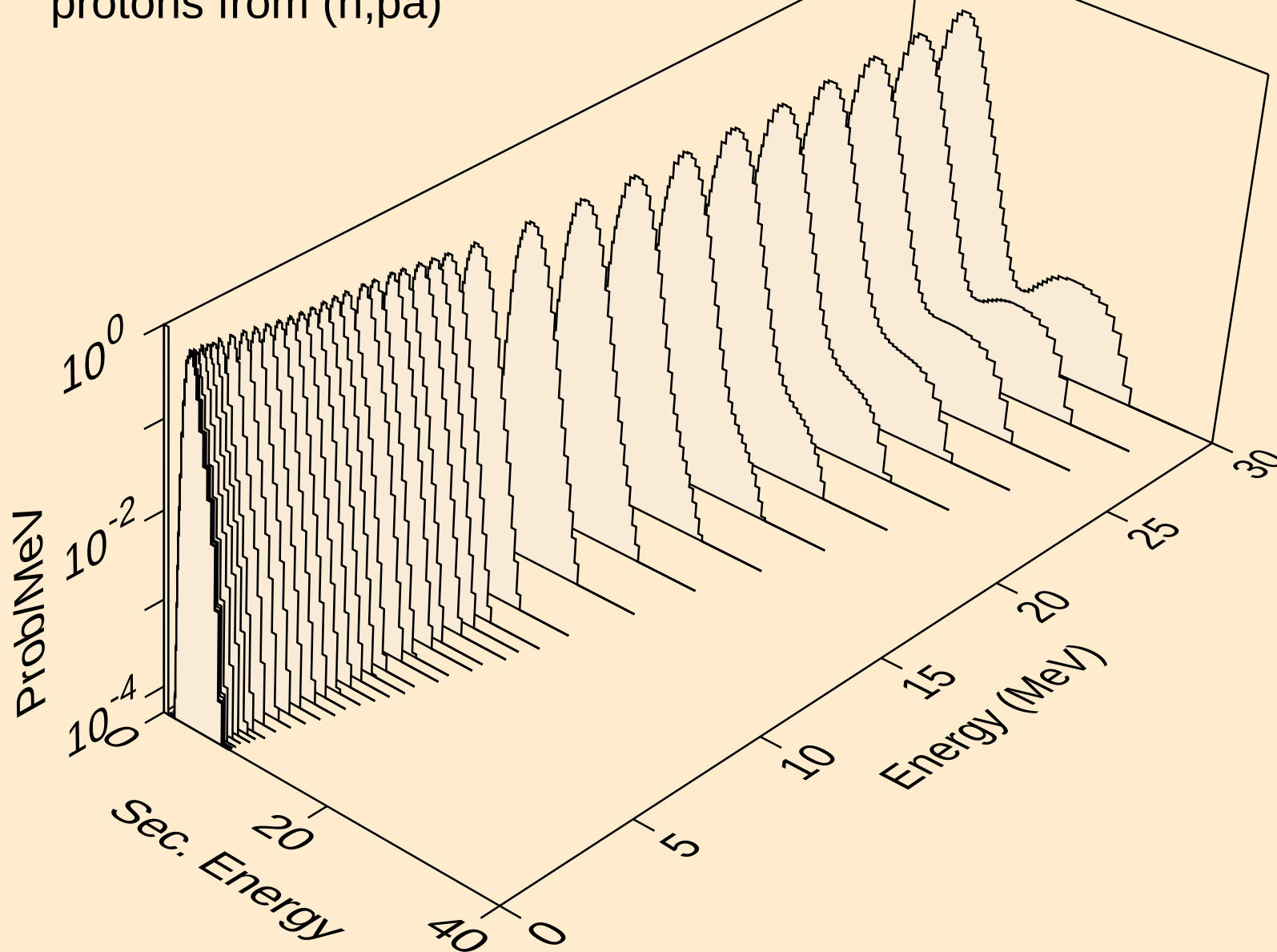
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protons from (n,p)



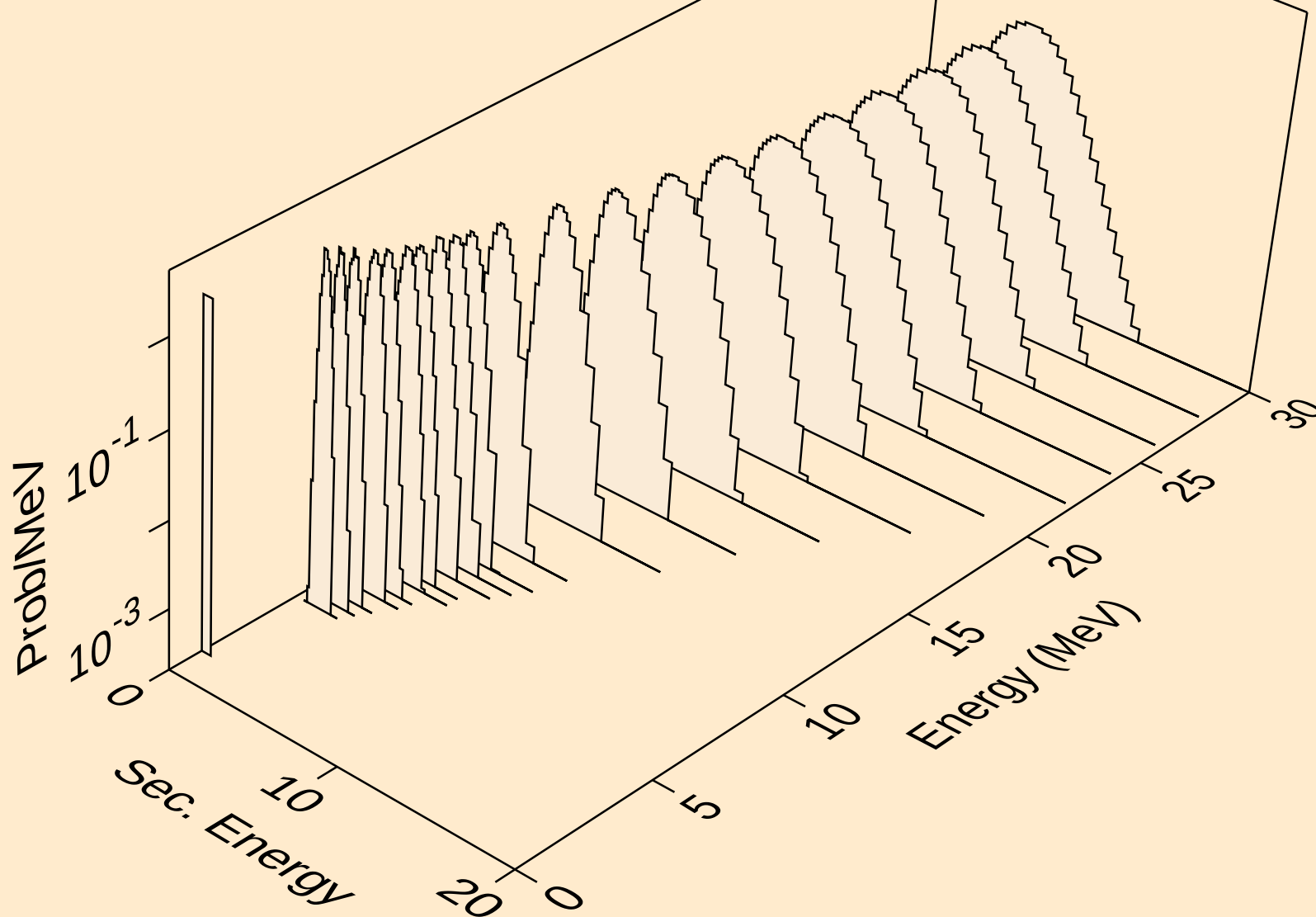
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protons from (n,2p)



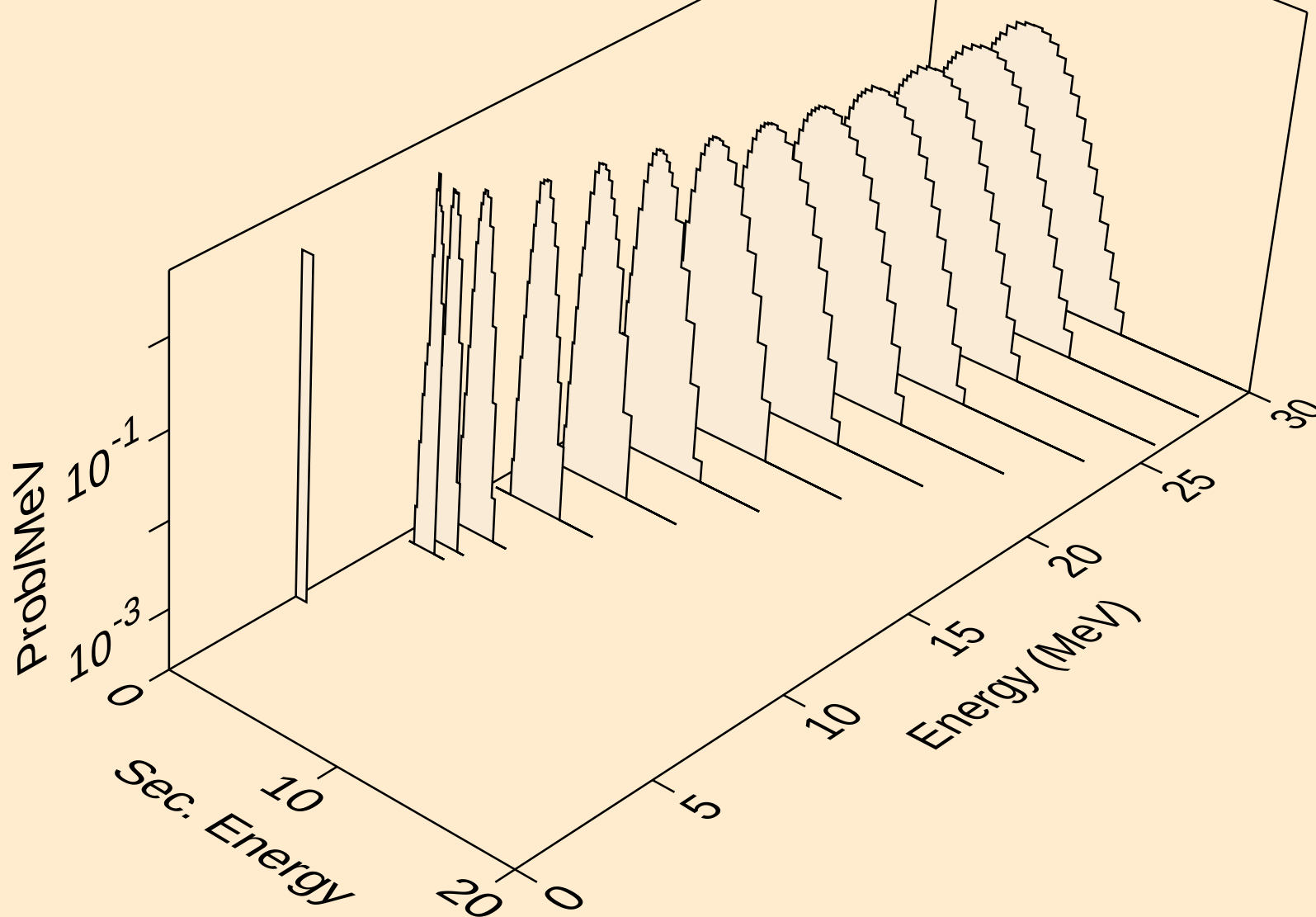
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protons from (n,p)



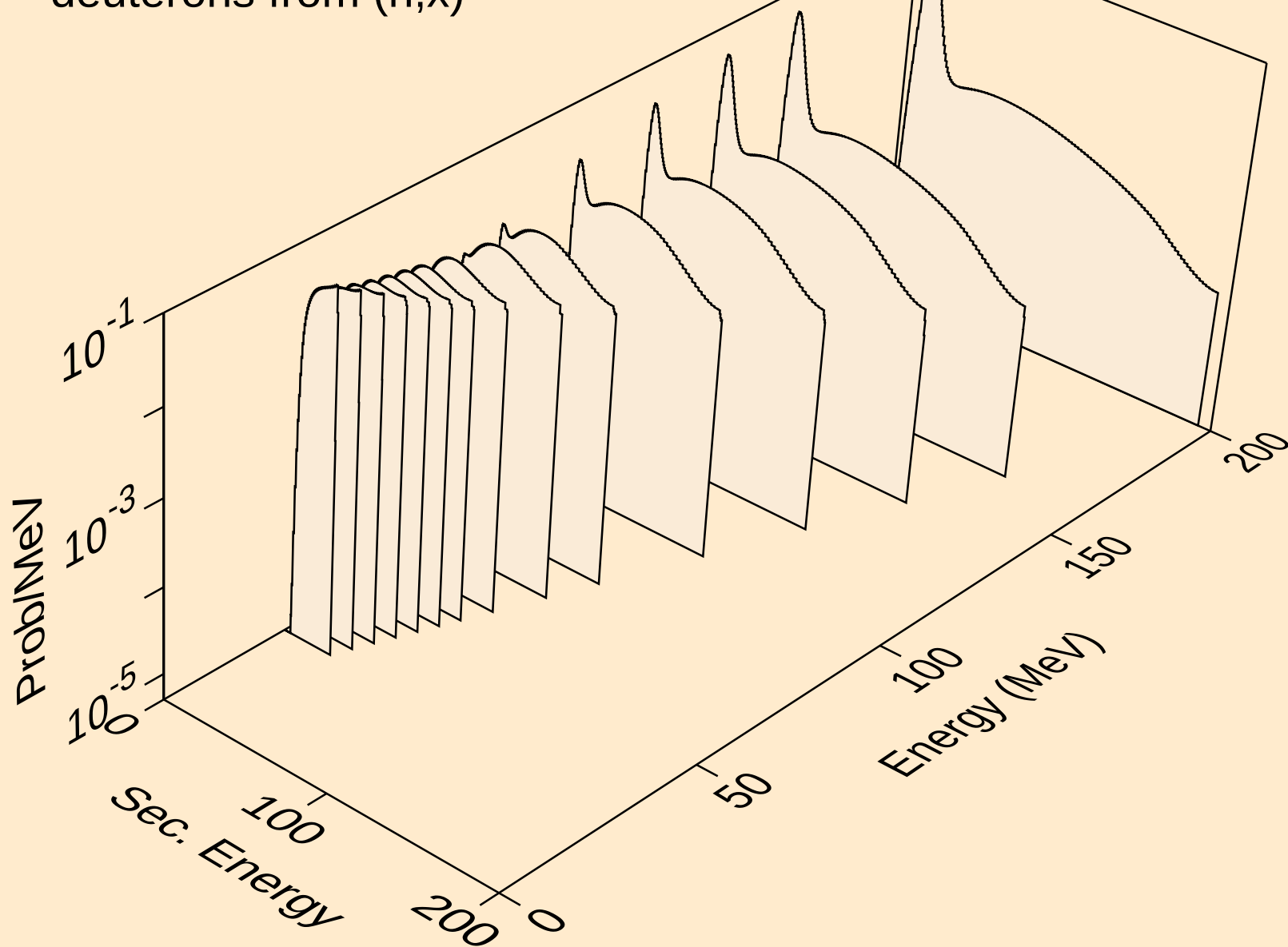
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protons from (n,pd)



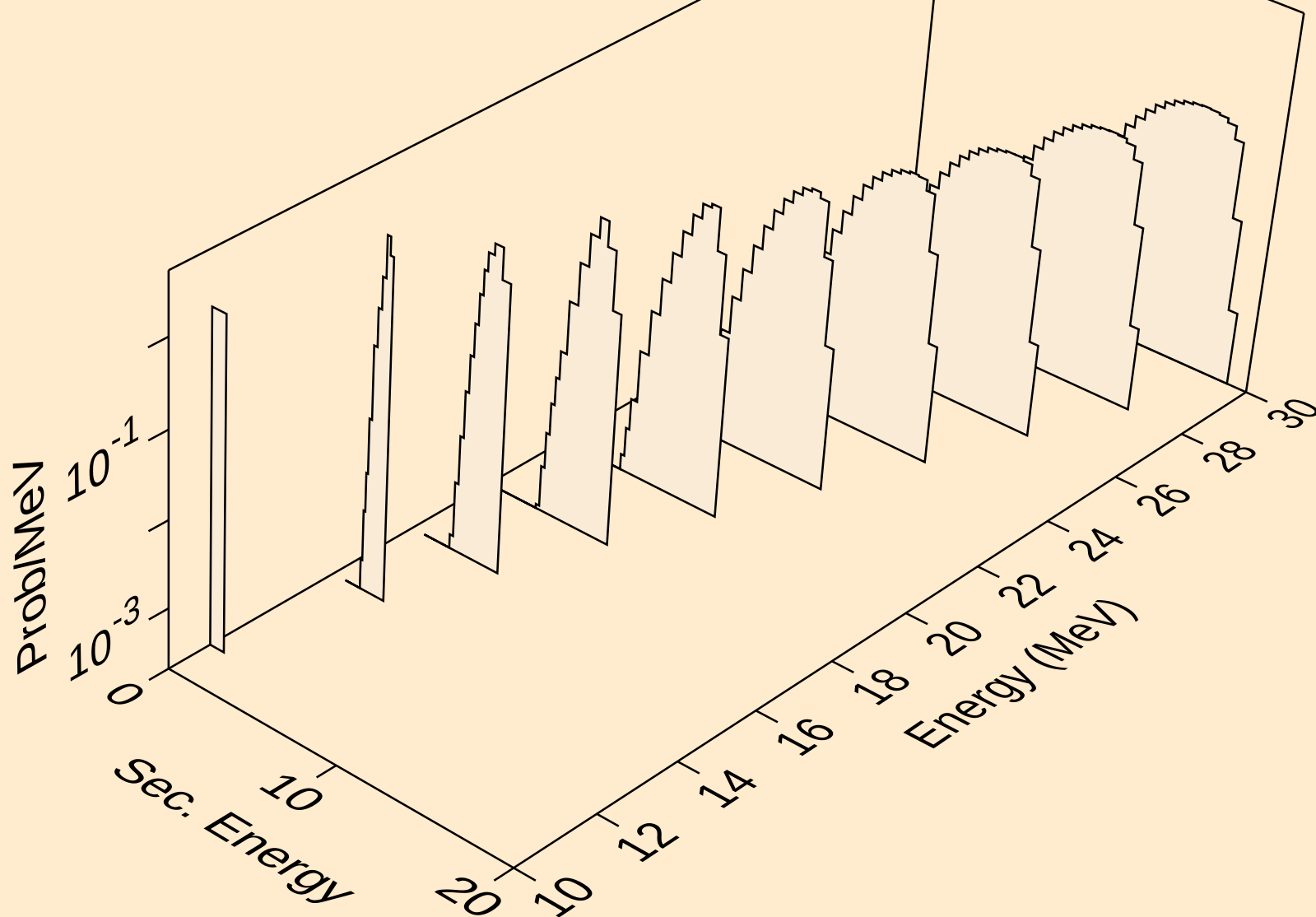
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protons from (n,pt)



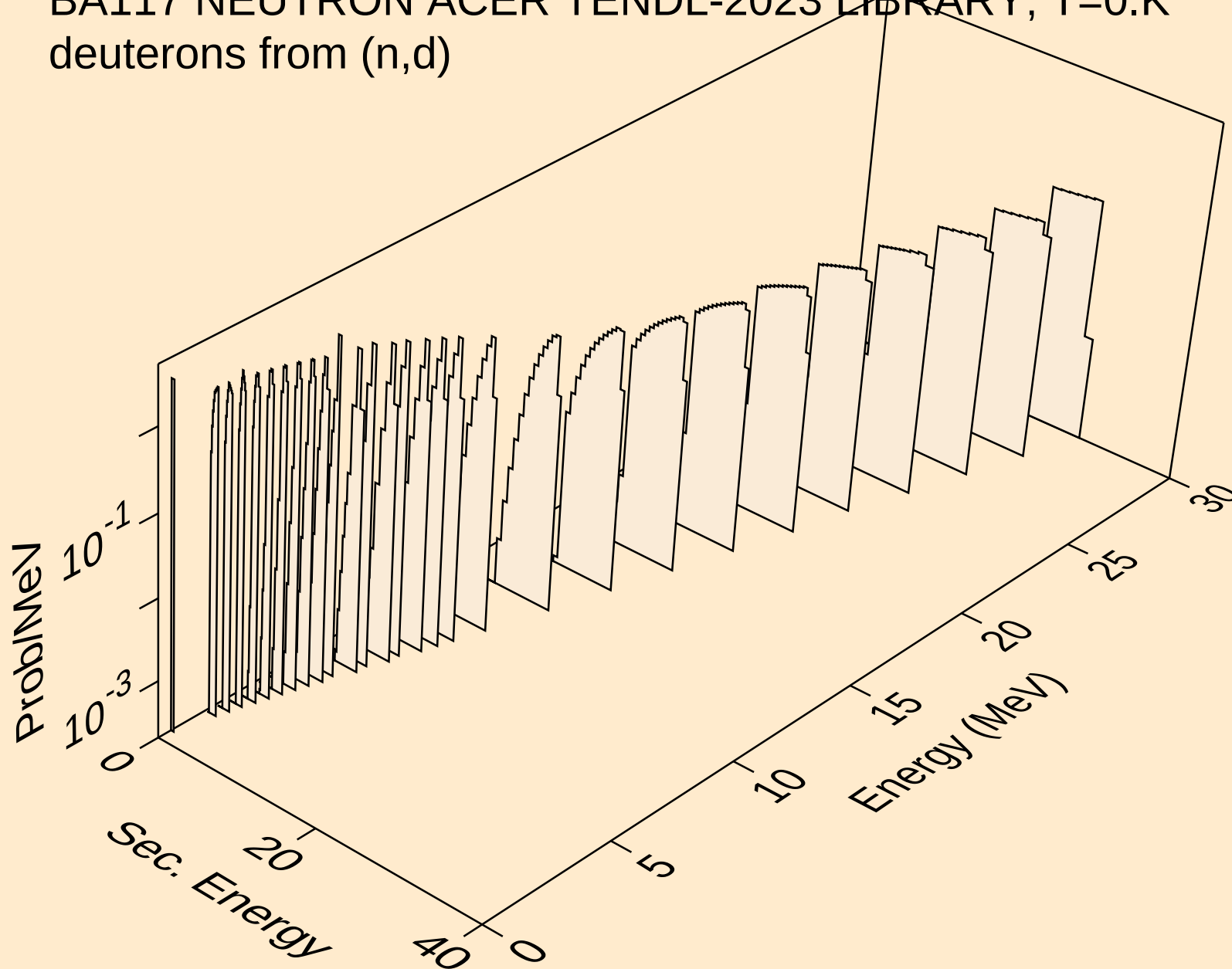
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deuterons from (n,x)



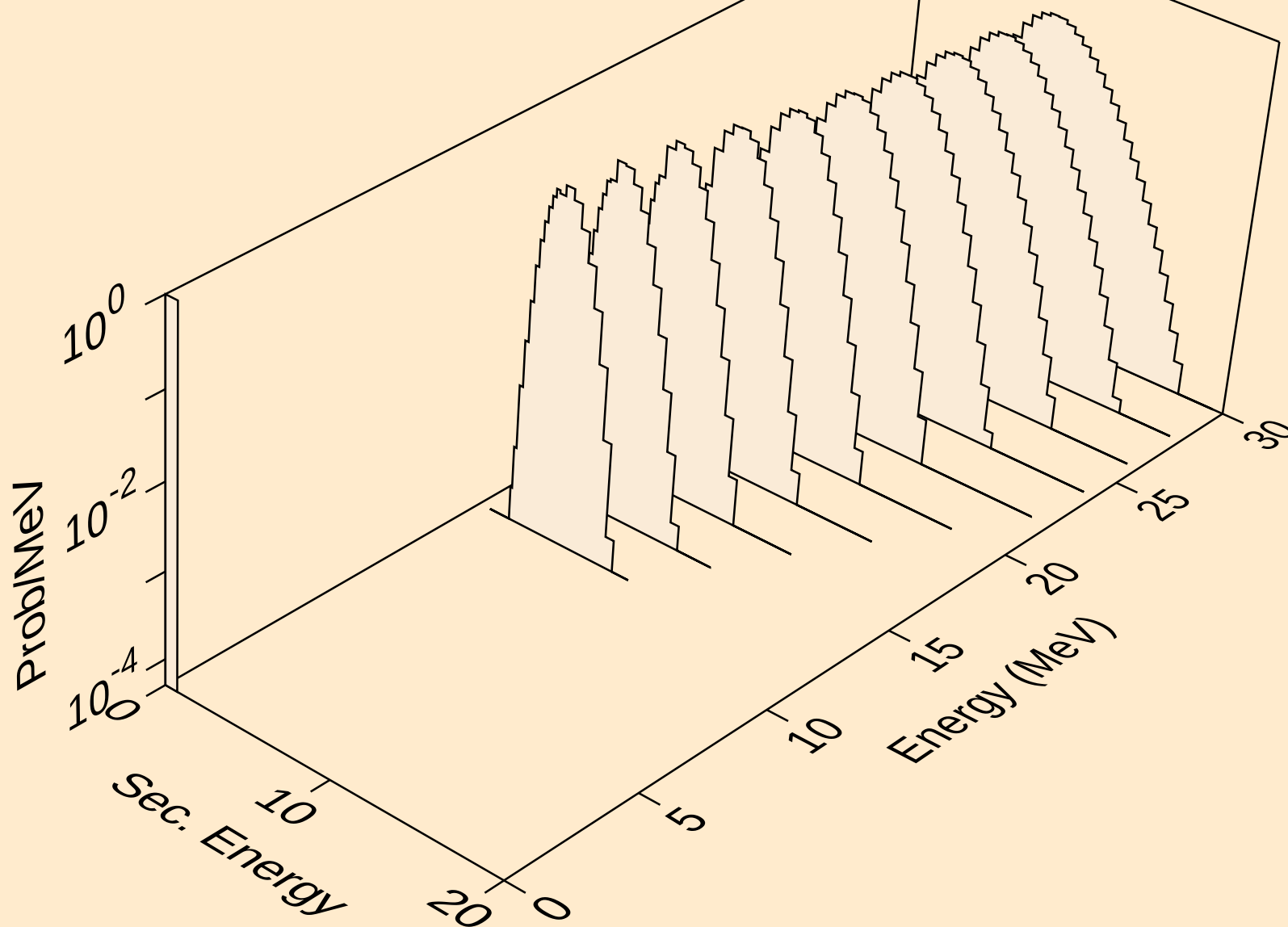
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deuterons from (n,n*)d



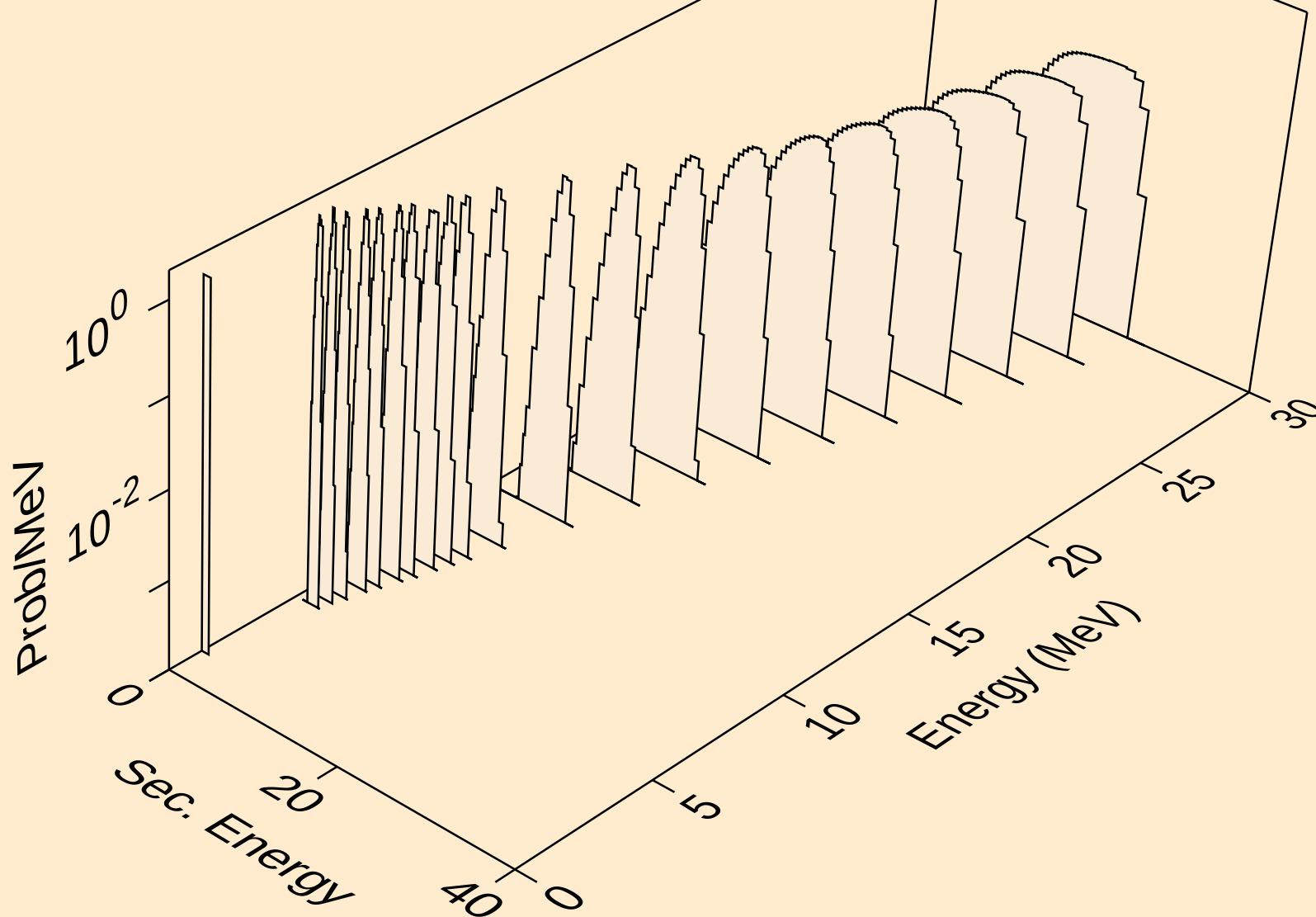
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deuterons from (n,d)



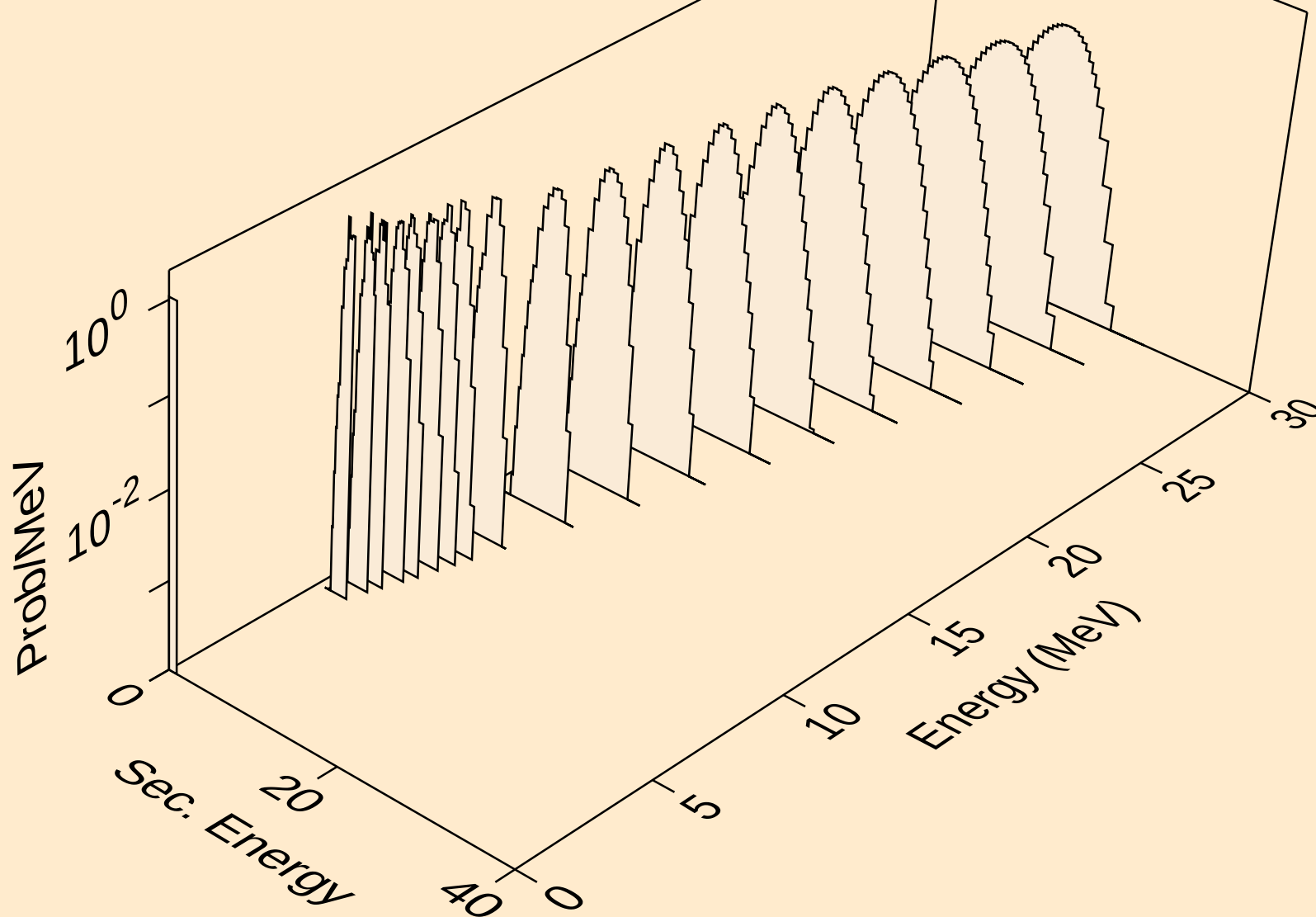
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deuterons from (n,d2a)



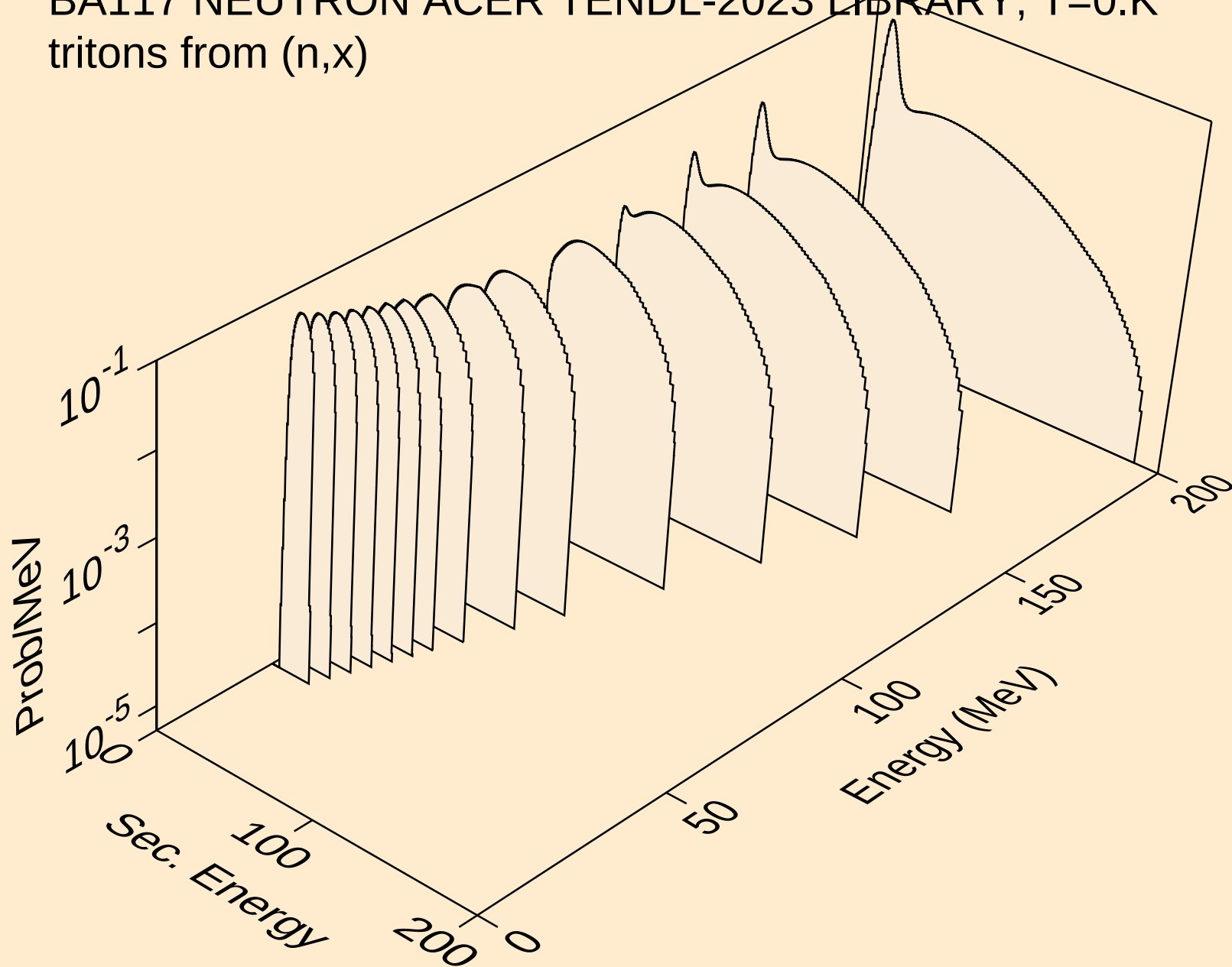
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deuterons from (n,pd)



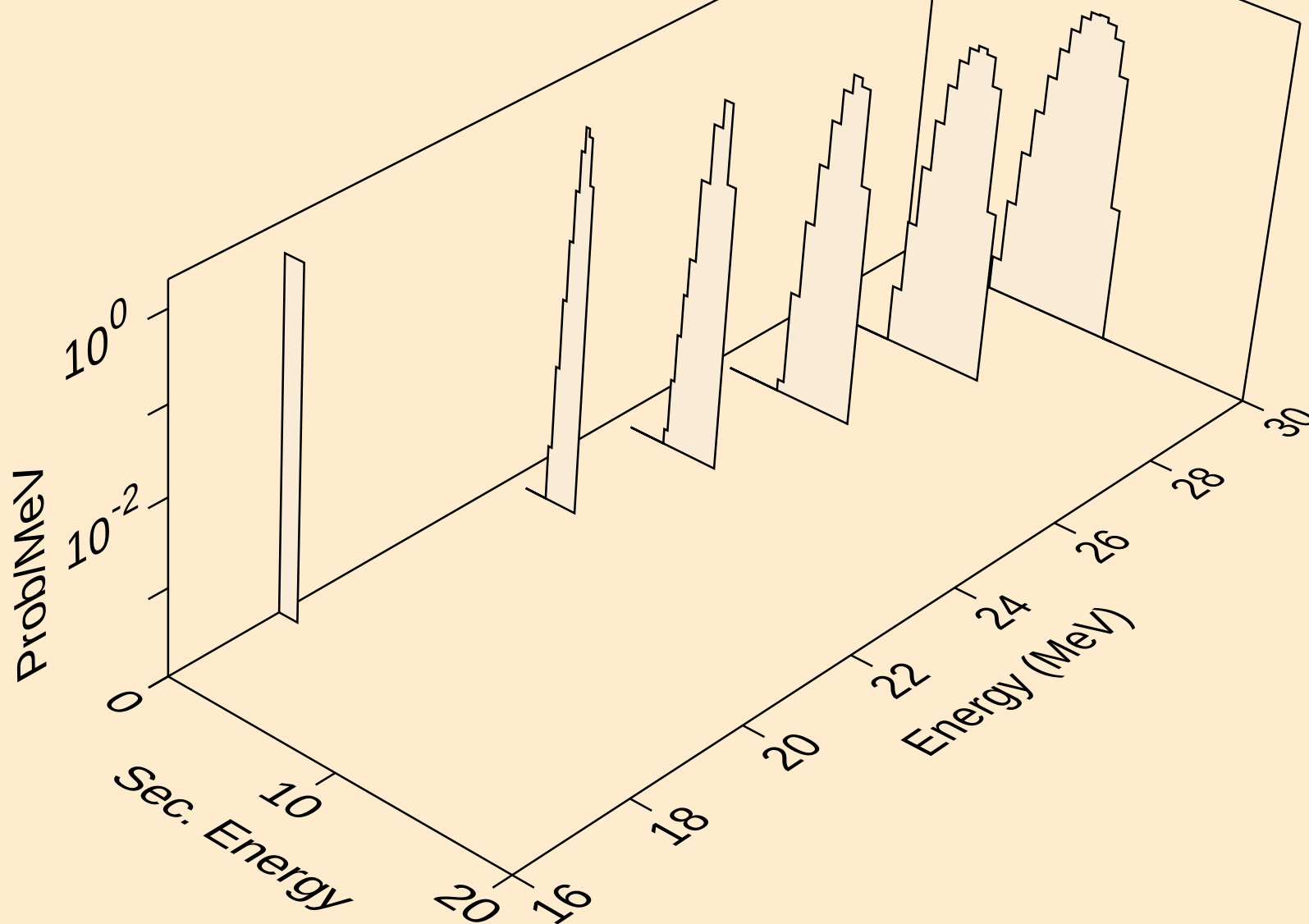
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deuterons from (n,da)



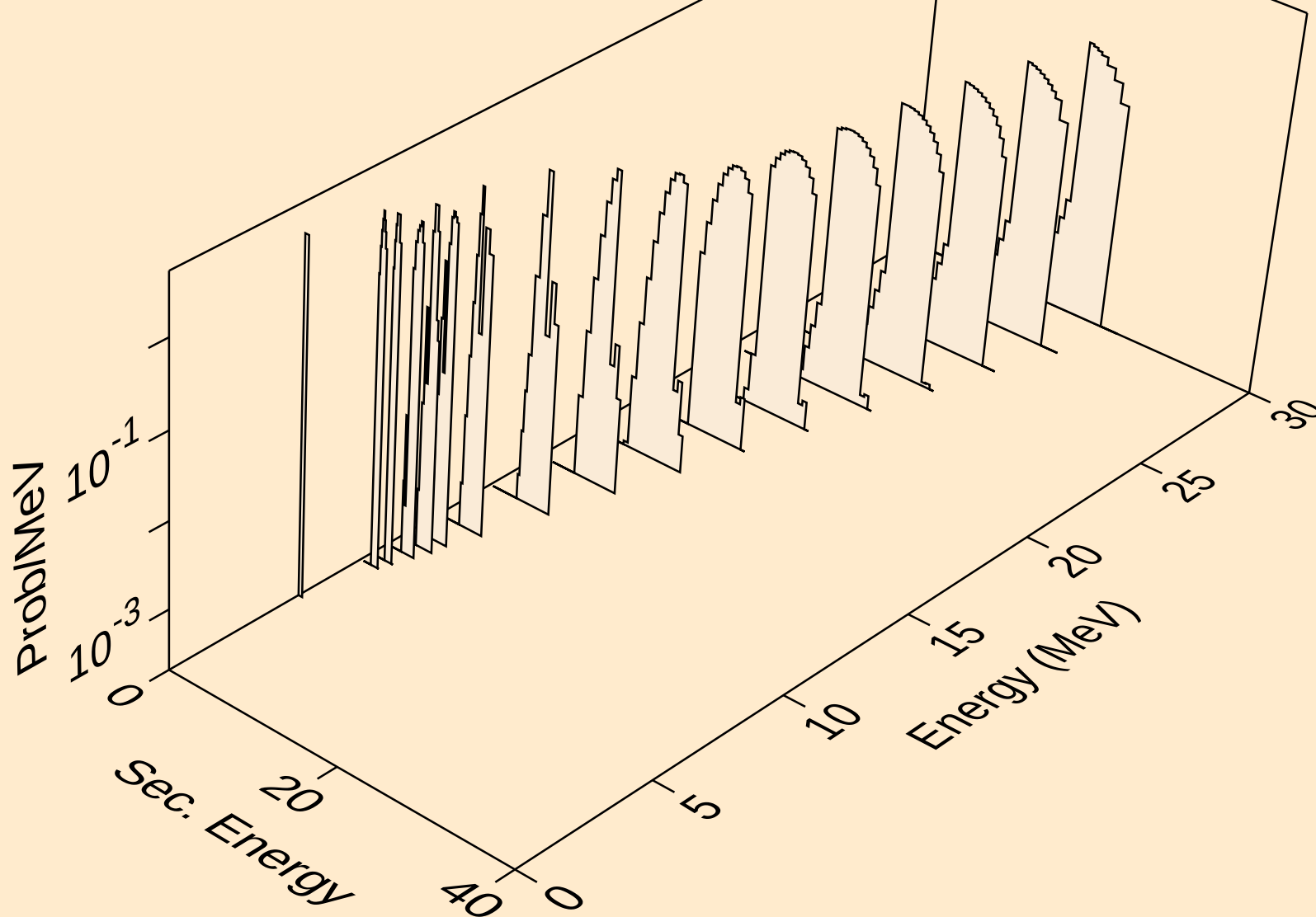
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



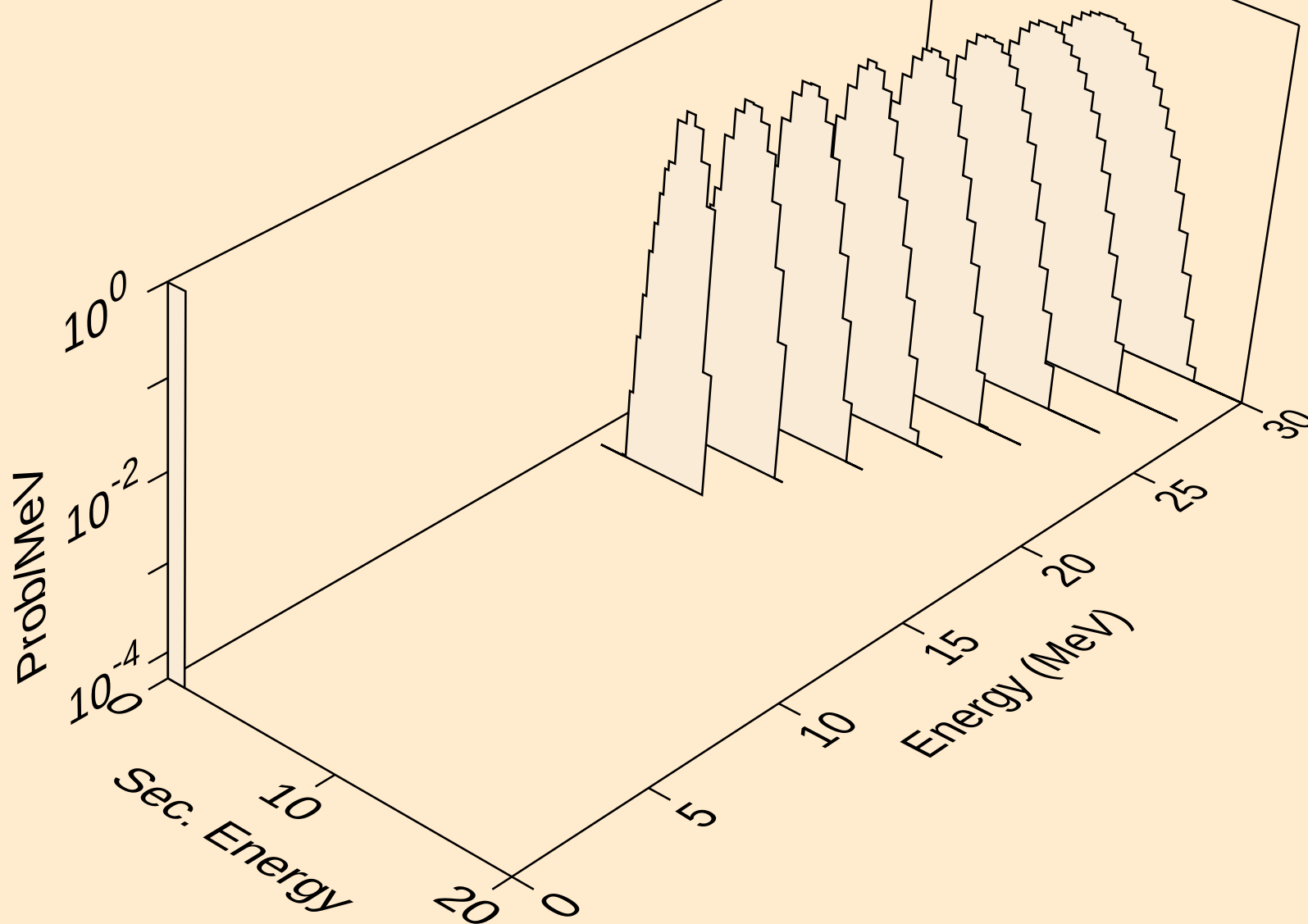
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



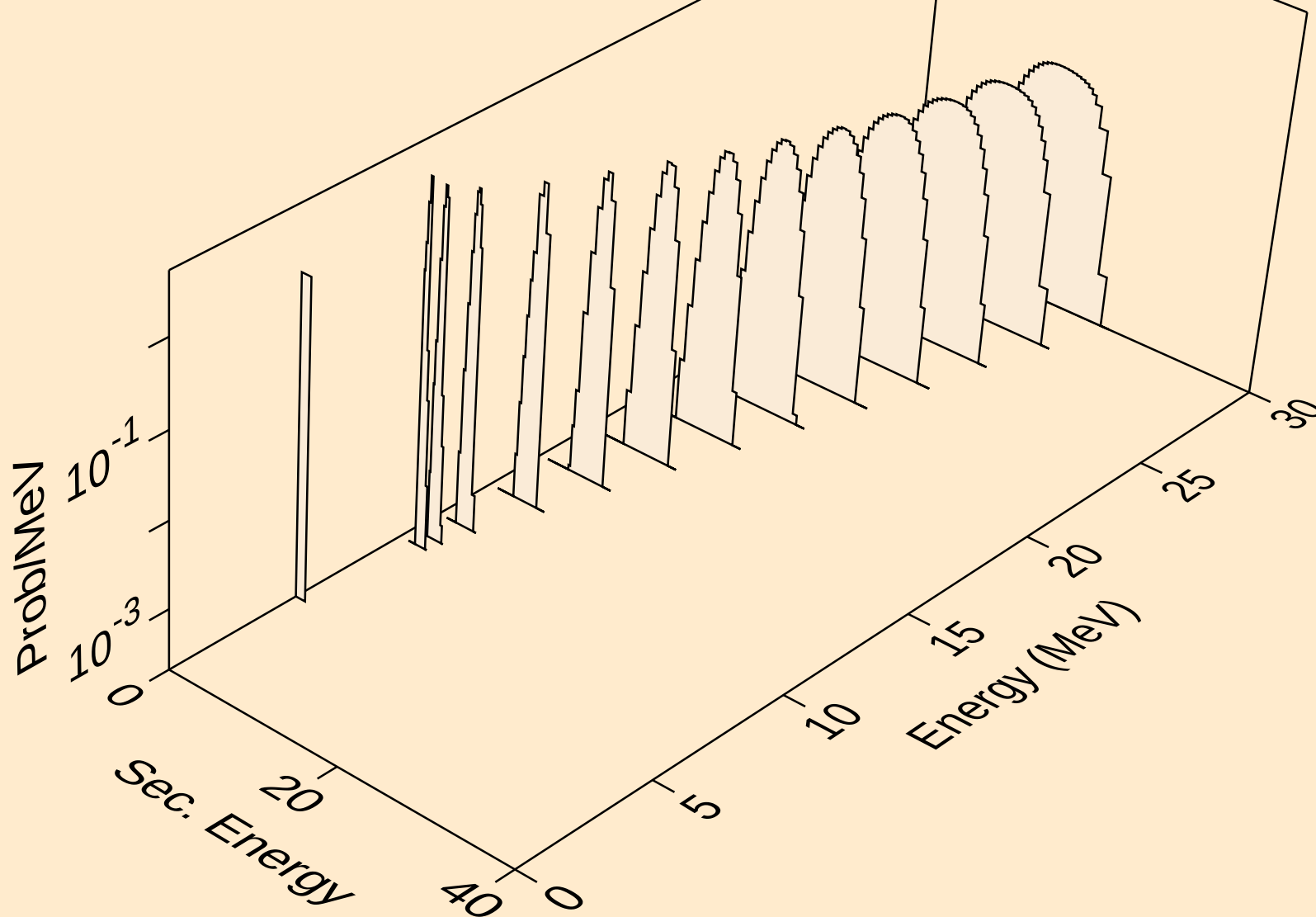
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tritons from (n,t)



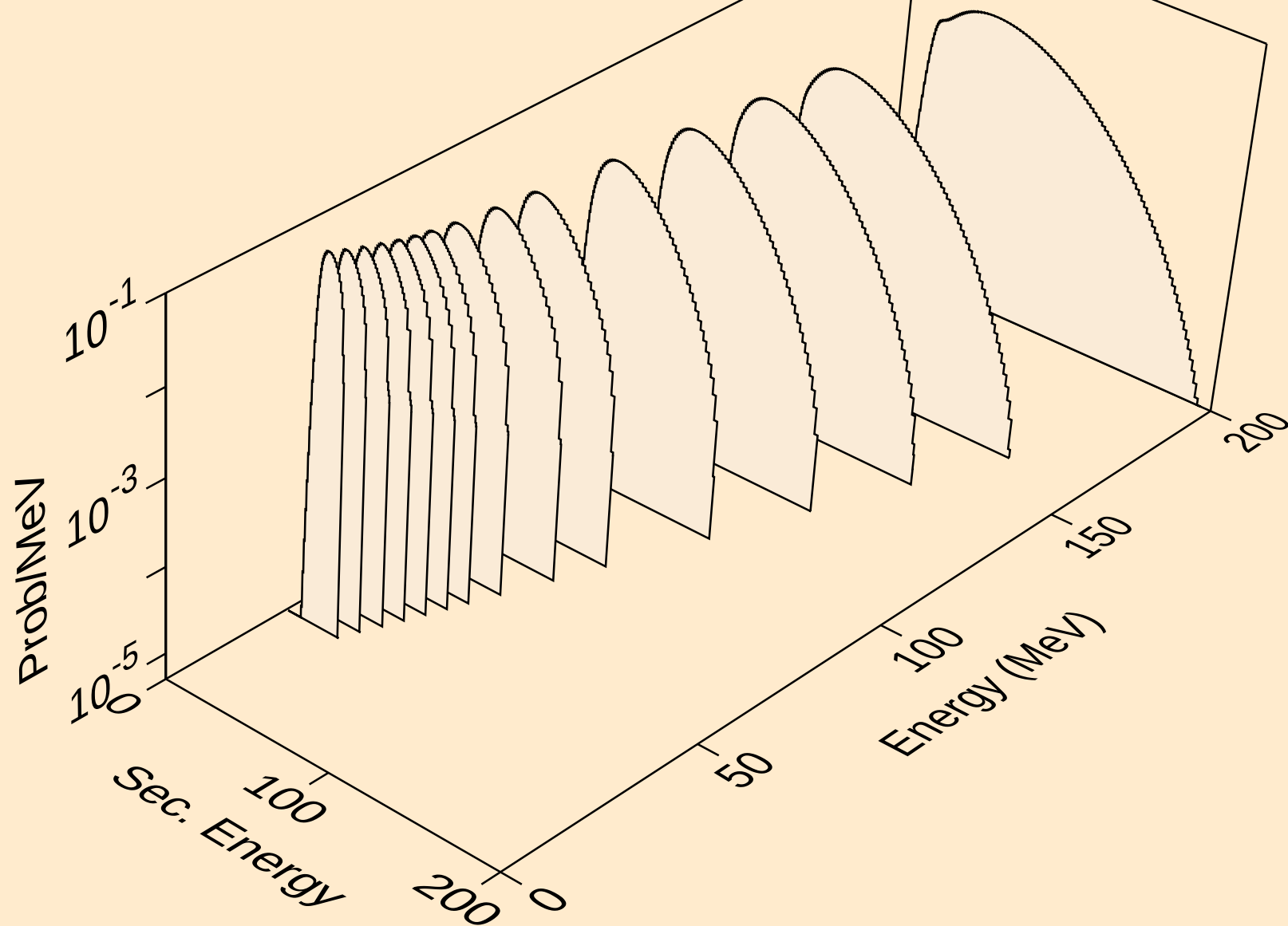
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tritons from (n,t2a)



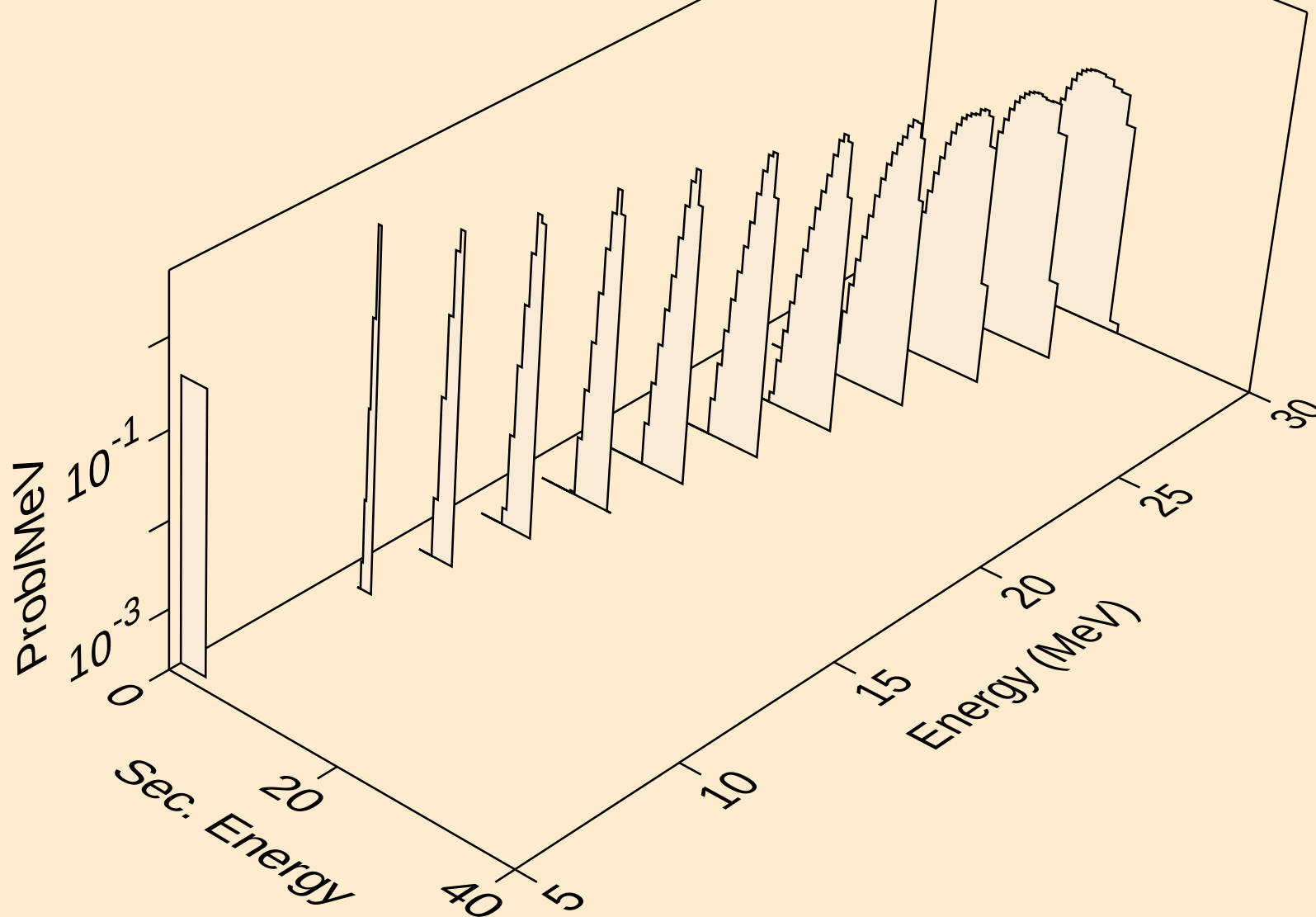
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tritons from (n,pt)



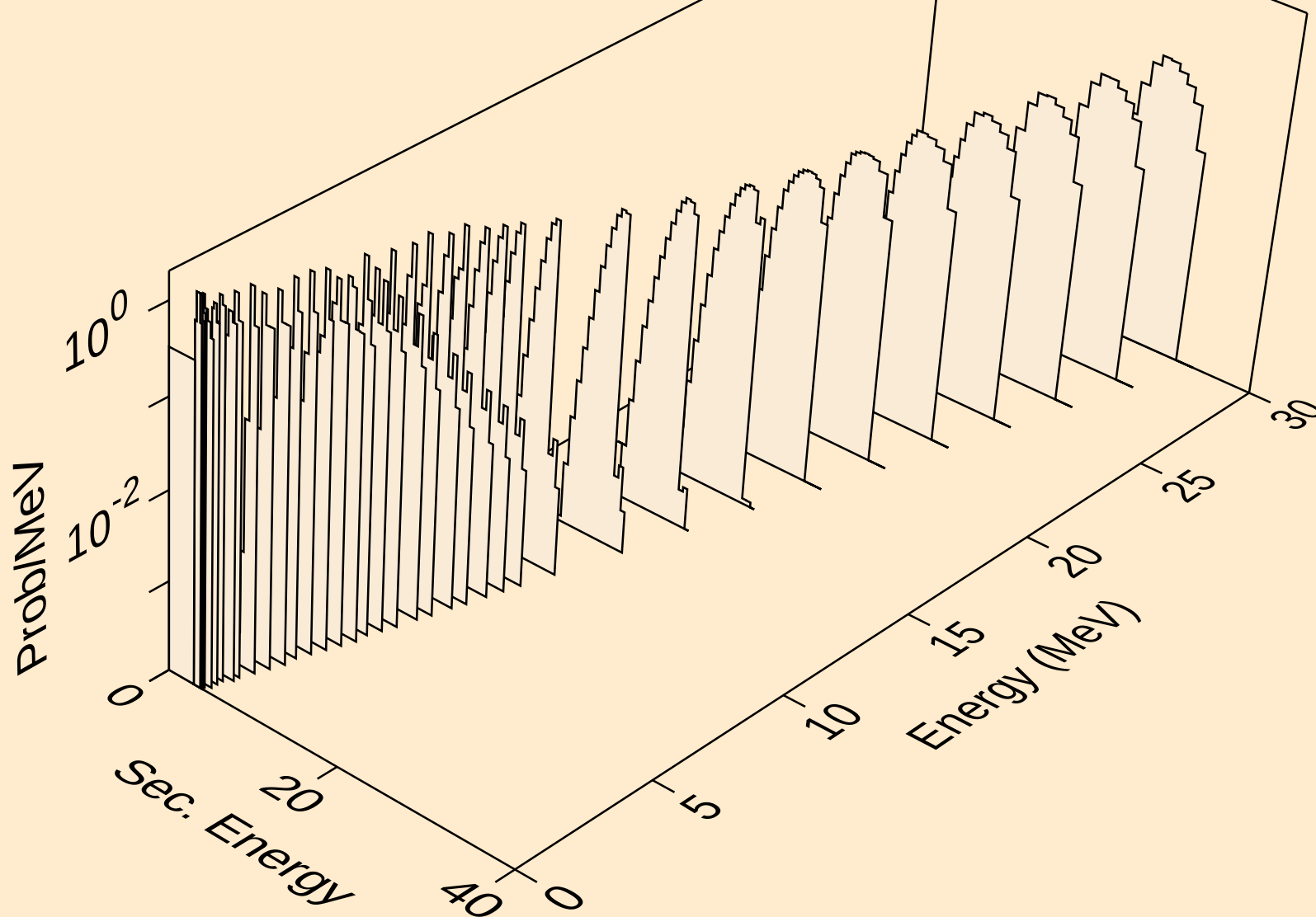
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



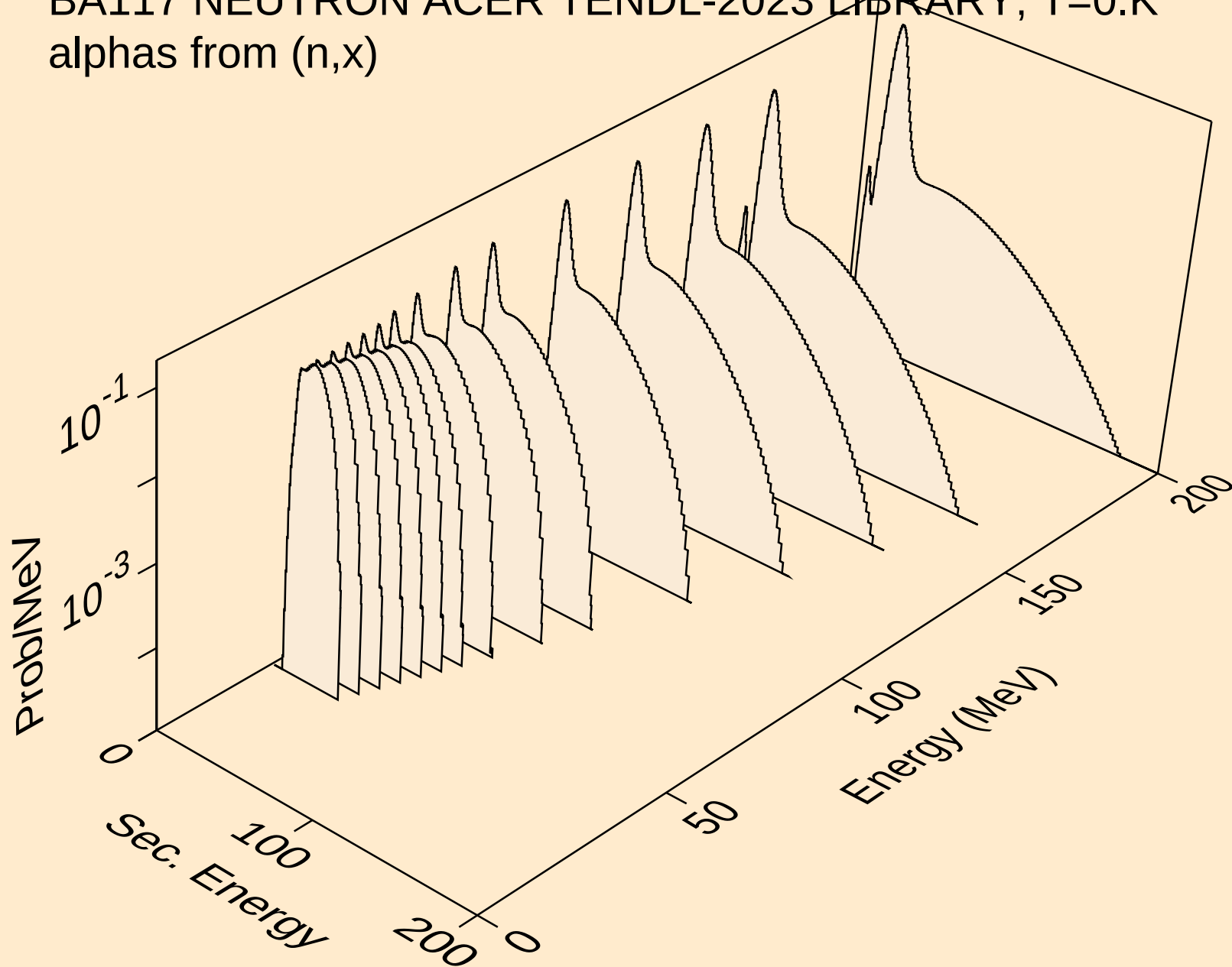
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,n*)he3



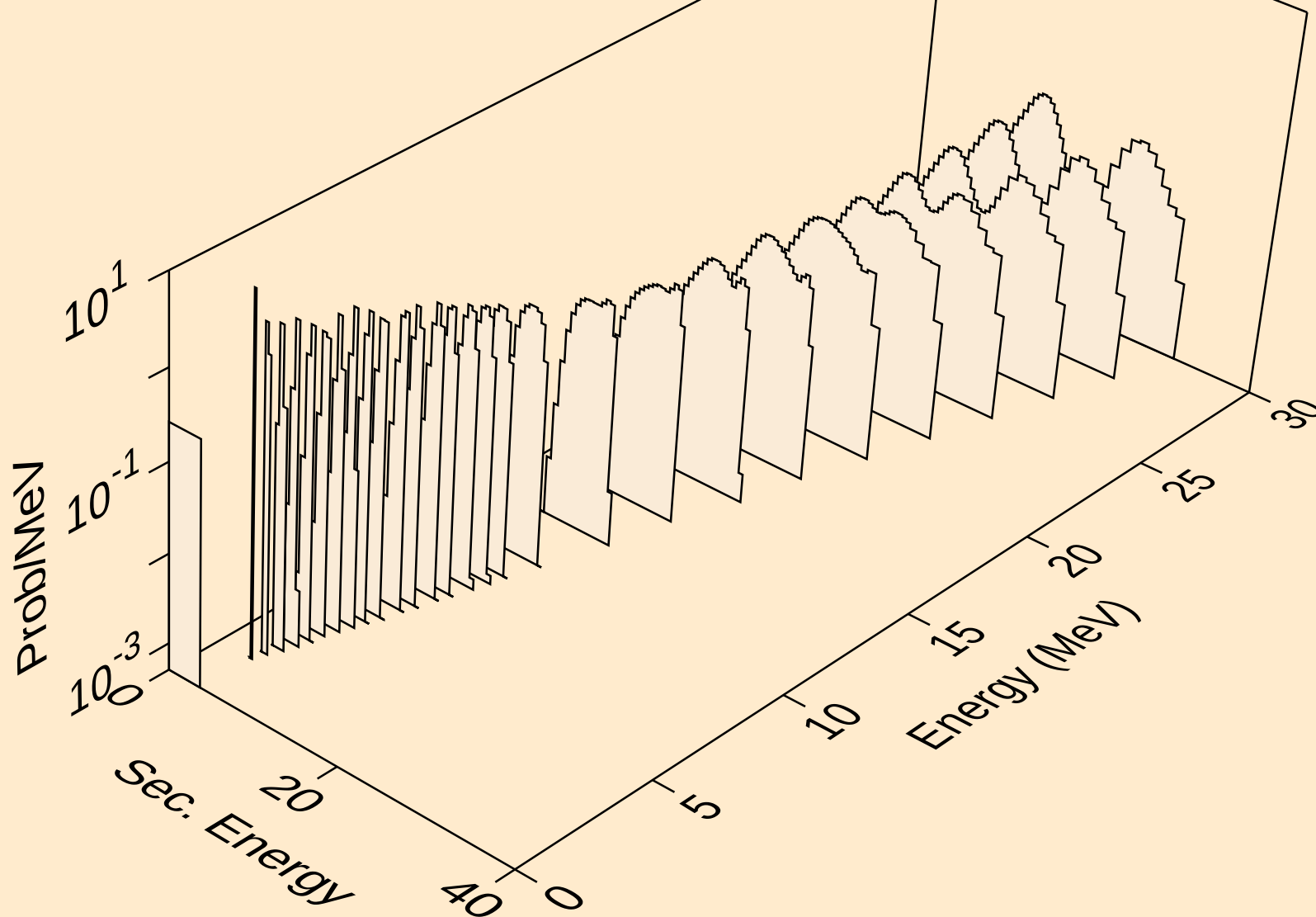
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he3s from (n,he3)



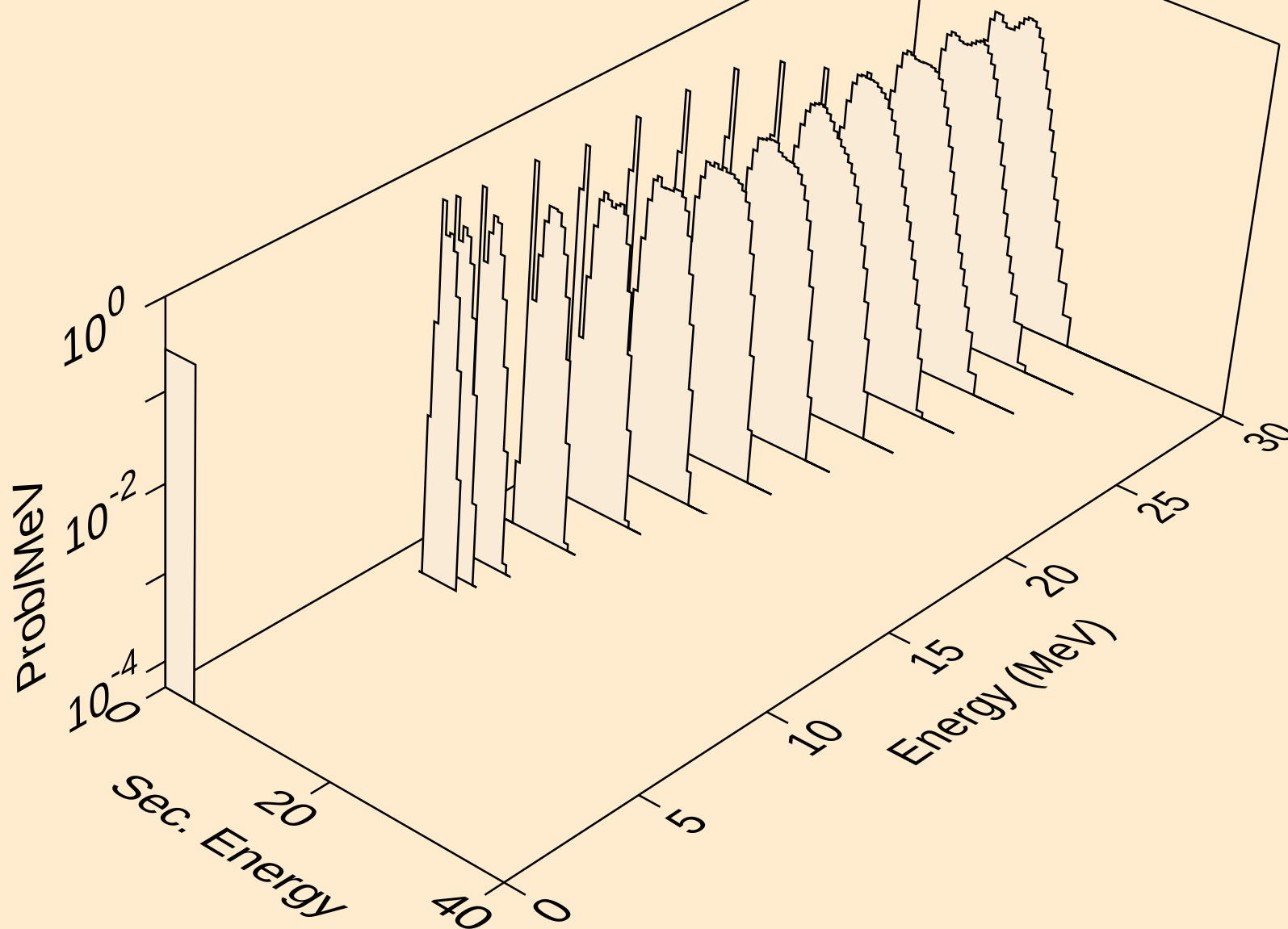
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



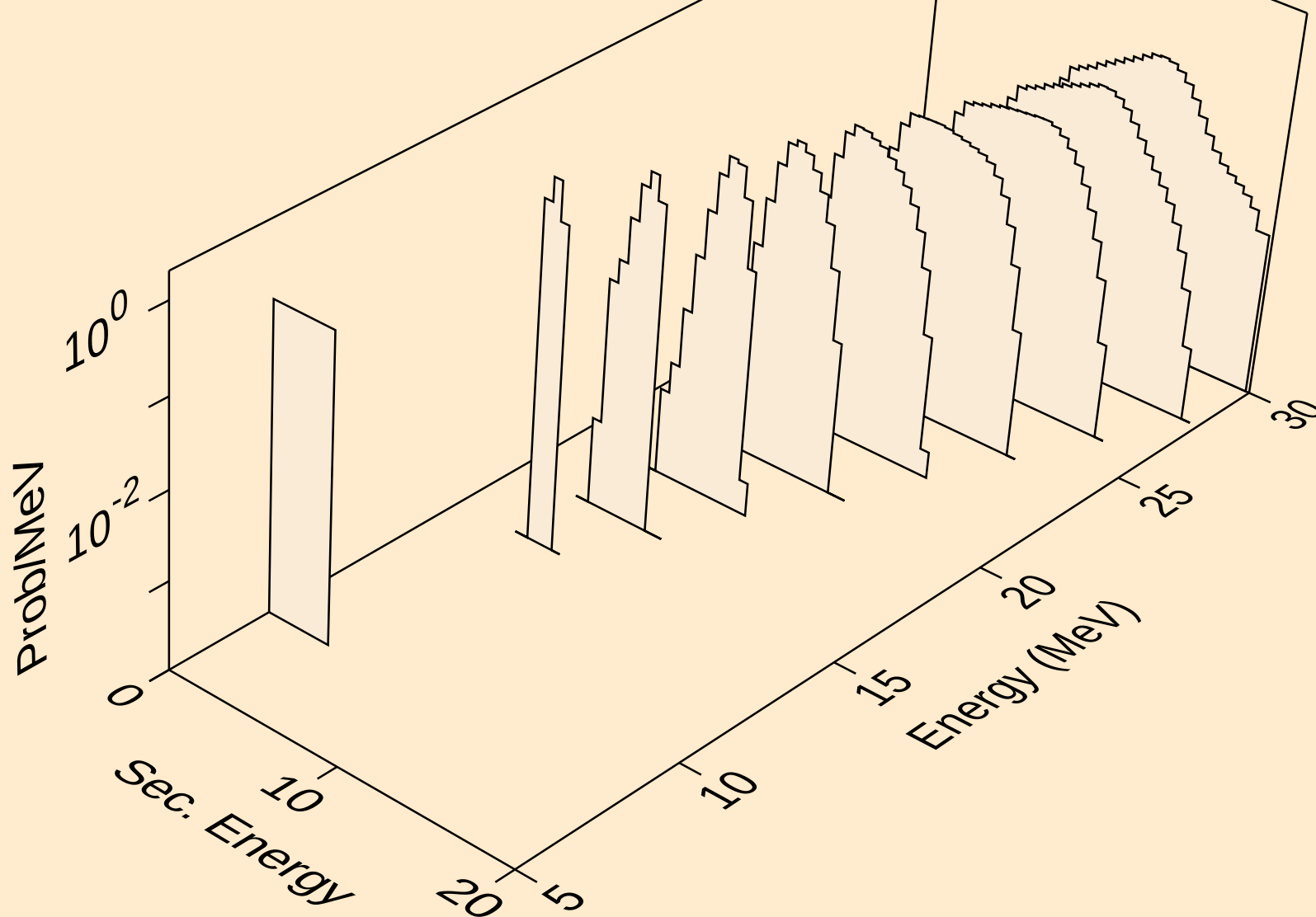
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



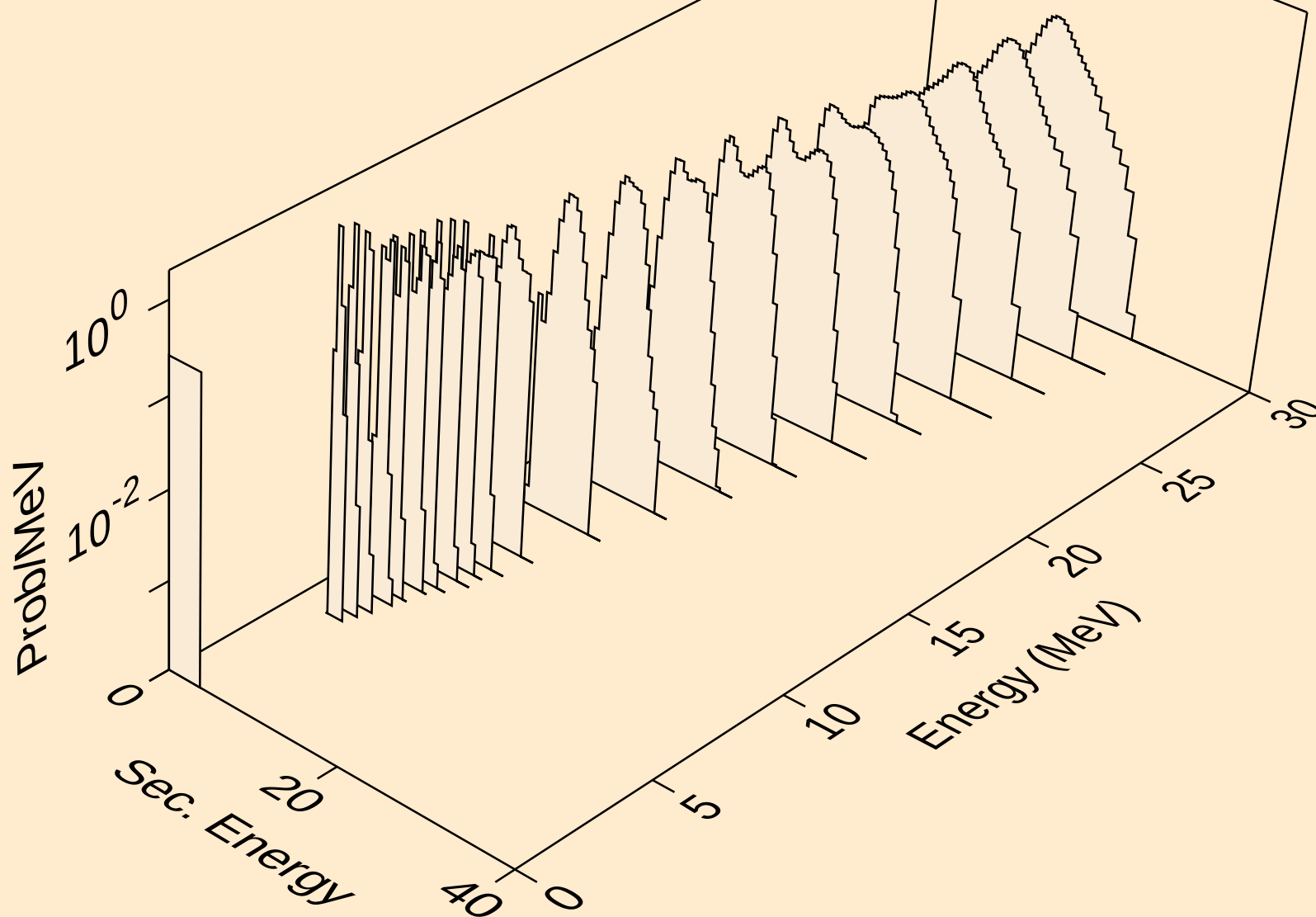
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)3a



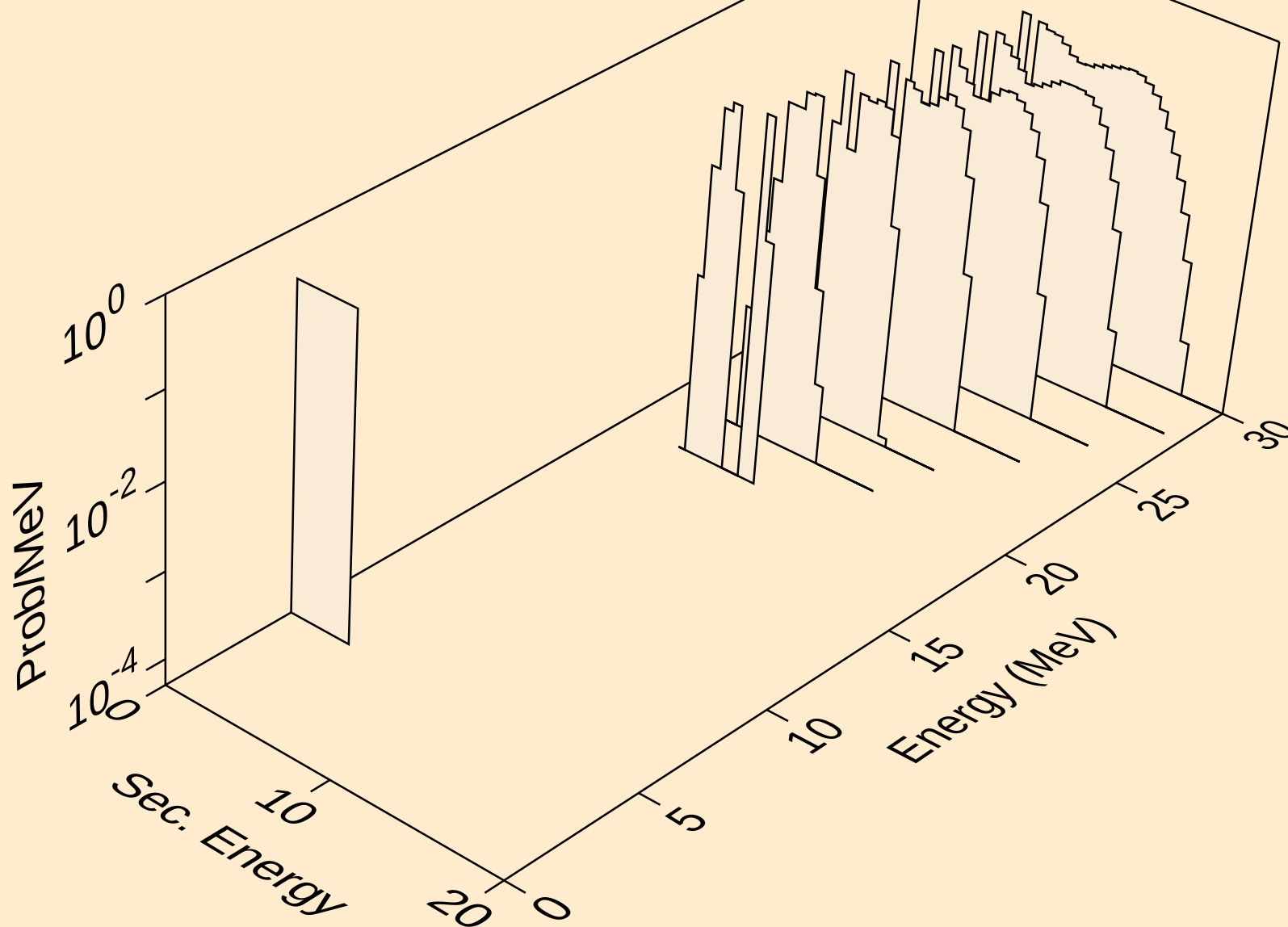
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alphas from (n,2n)a



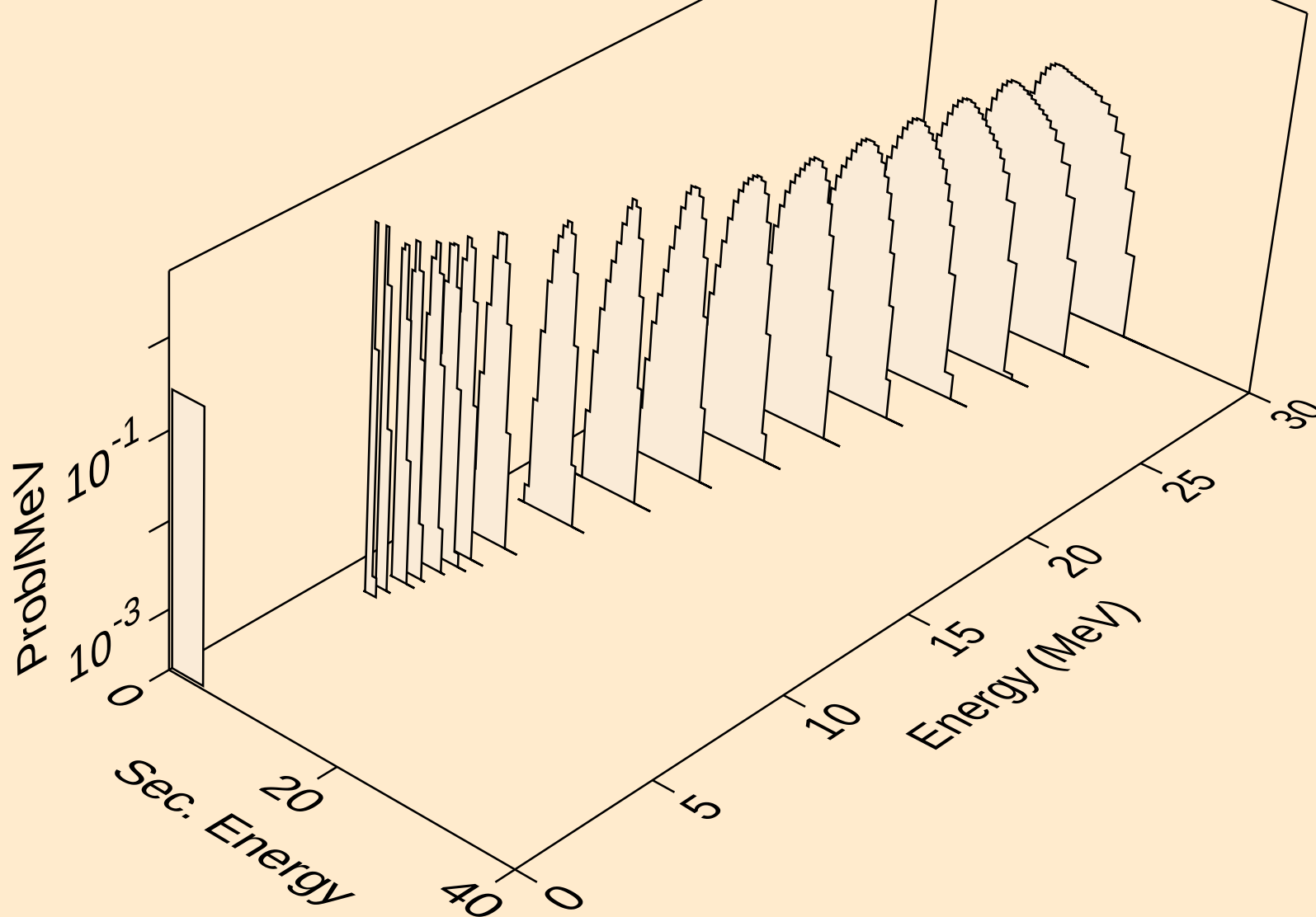
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)2a



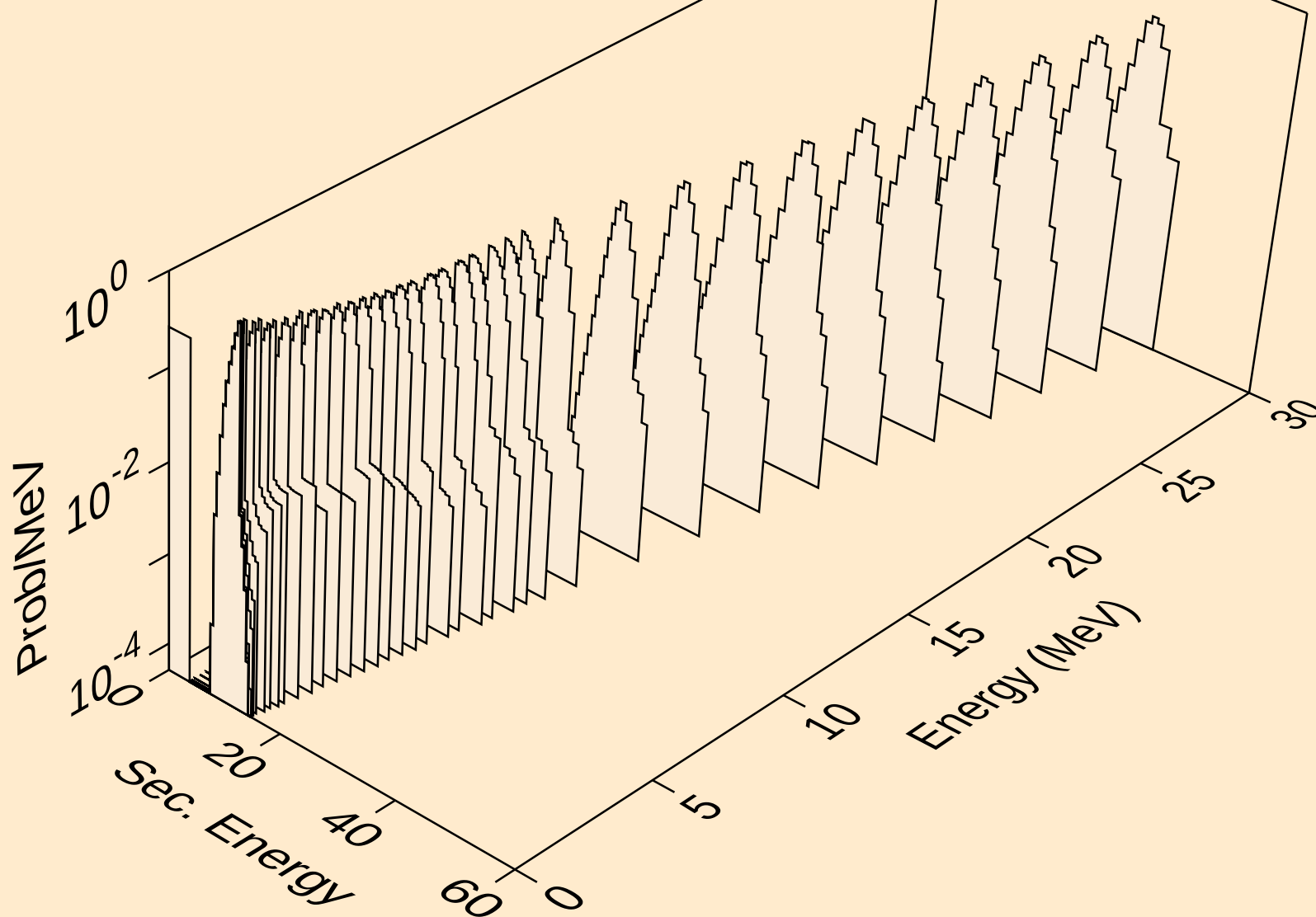
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)2a



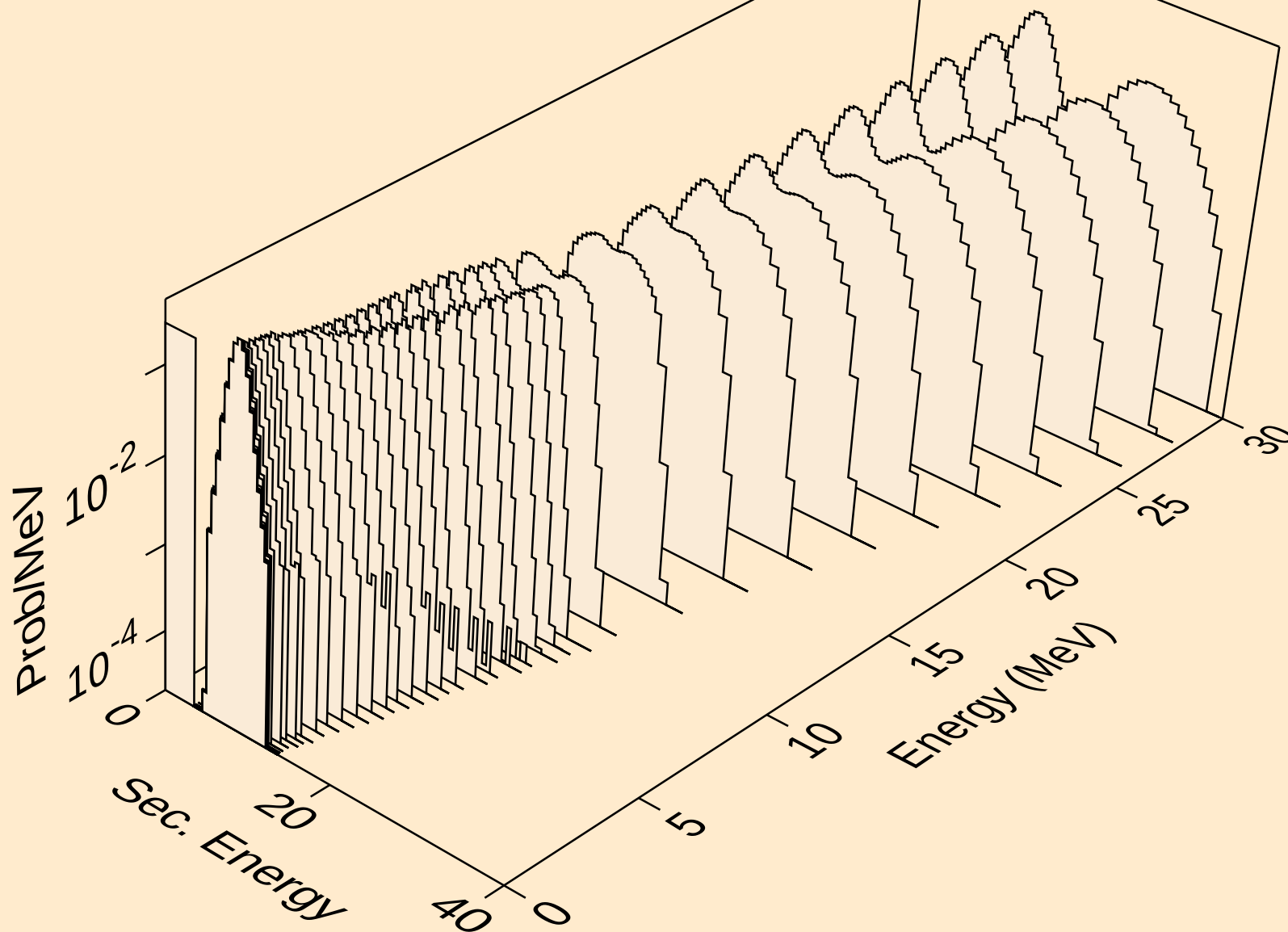
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,npa)



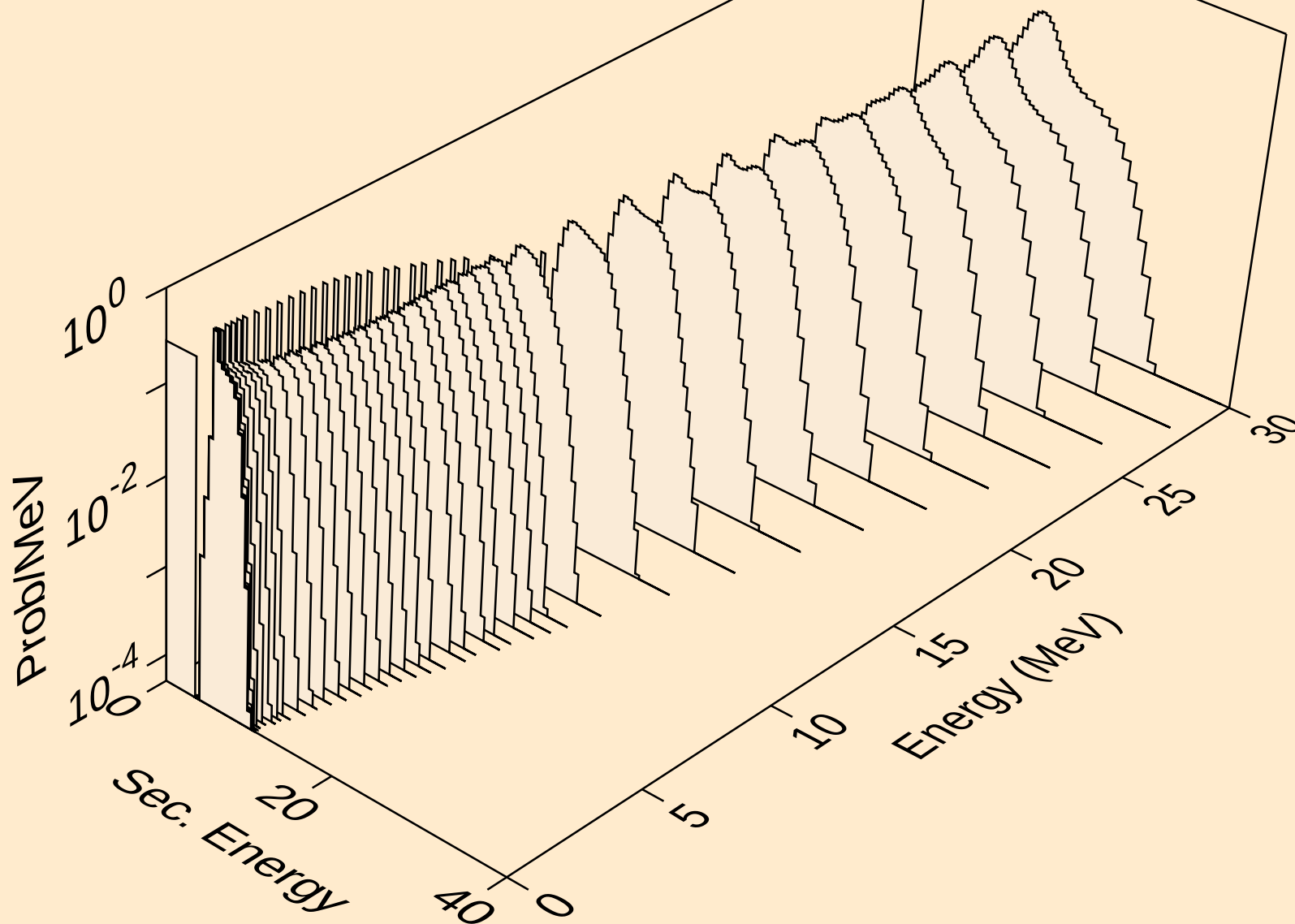
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



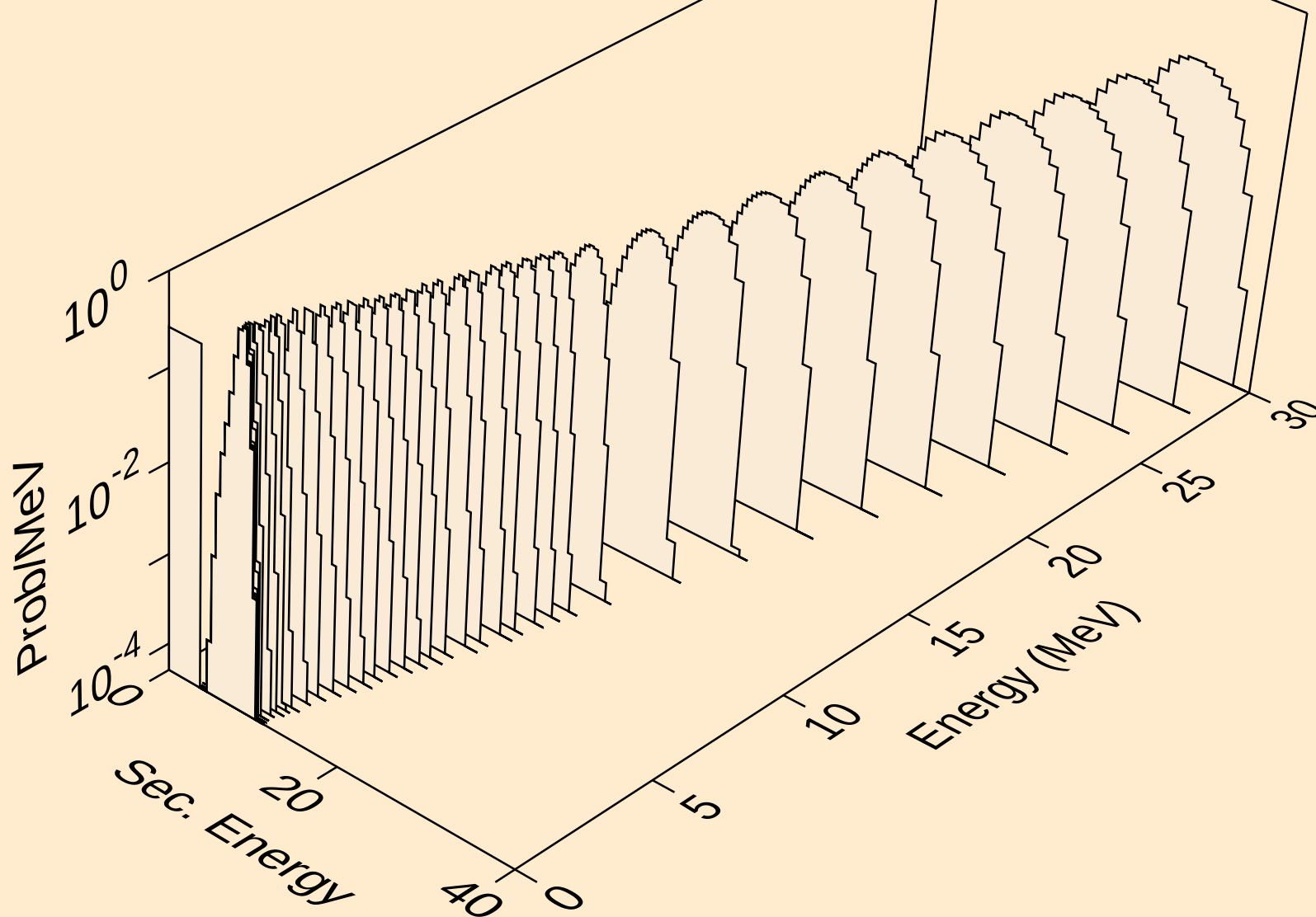
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alphas from (n,2a)



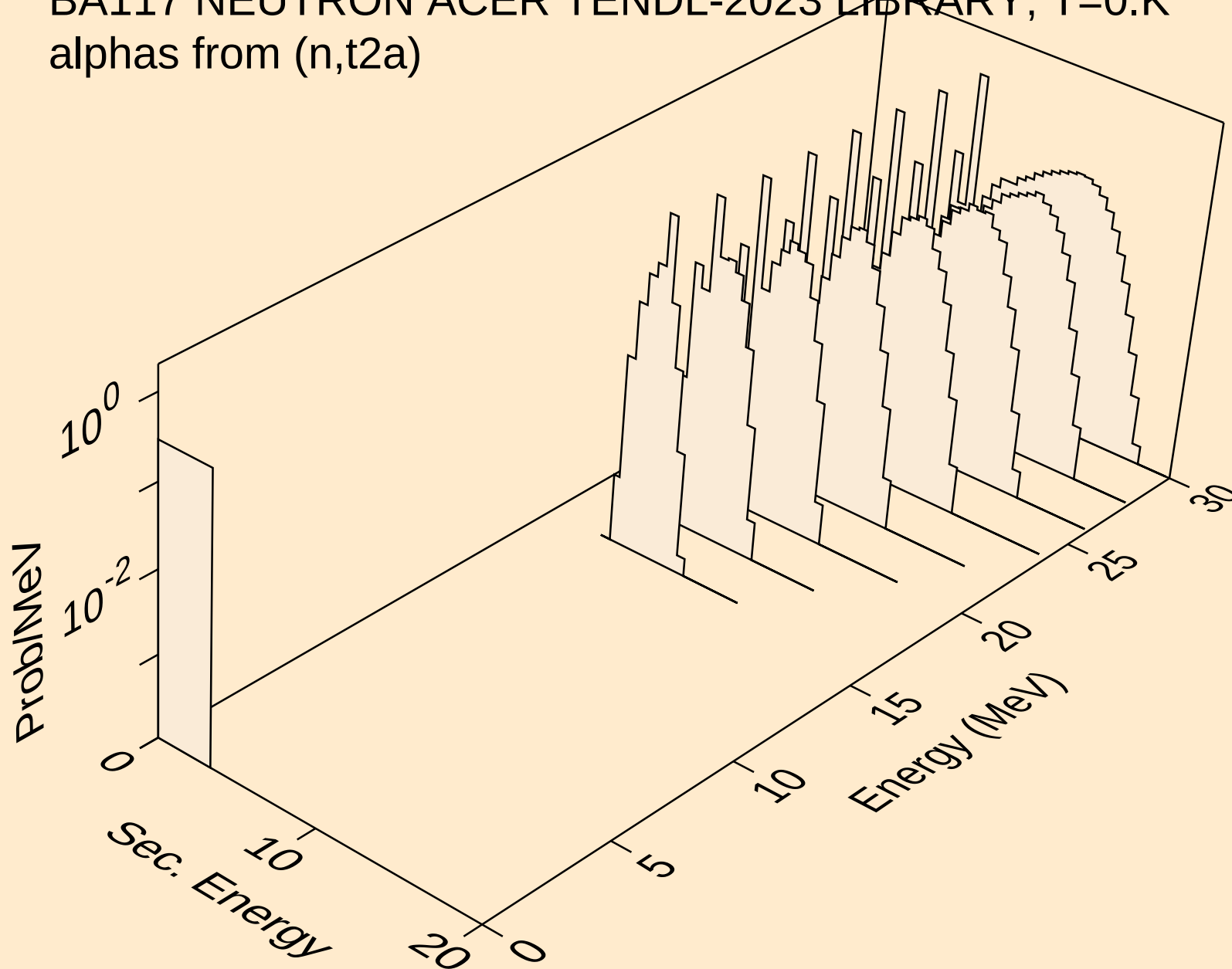
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3a)



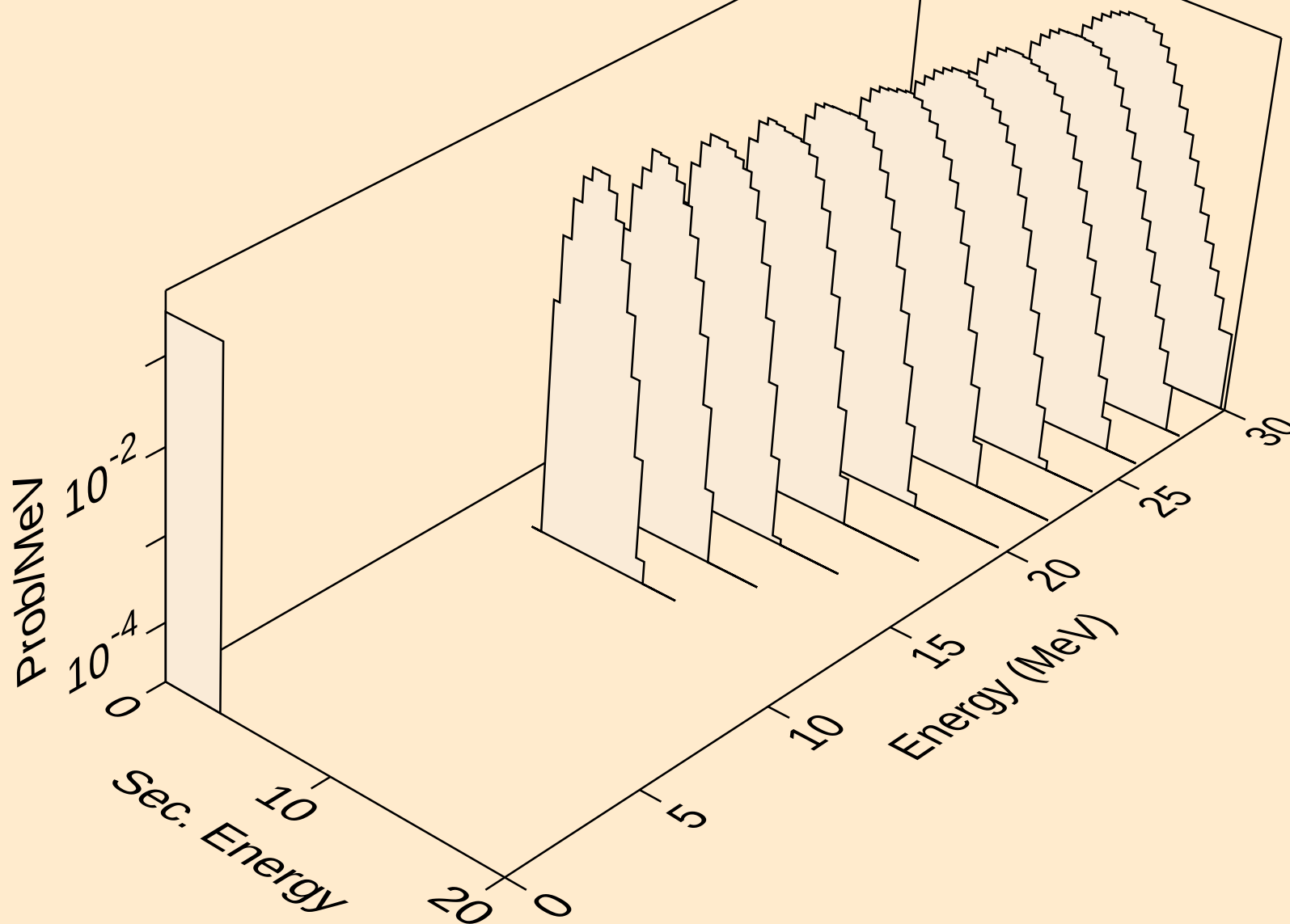
BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)



BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,t2a)



BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,d2a)



BA117 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

