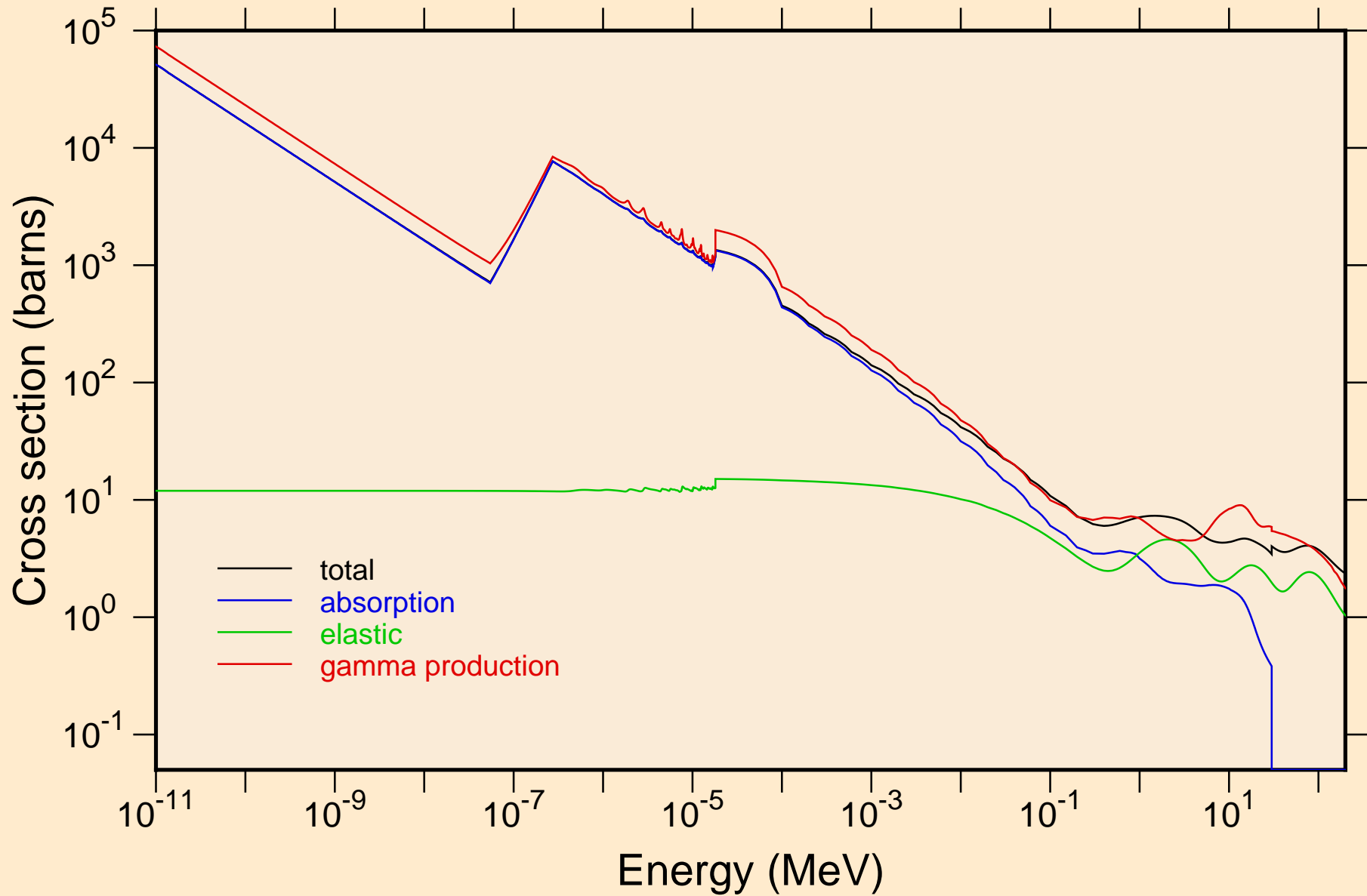
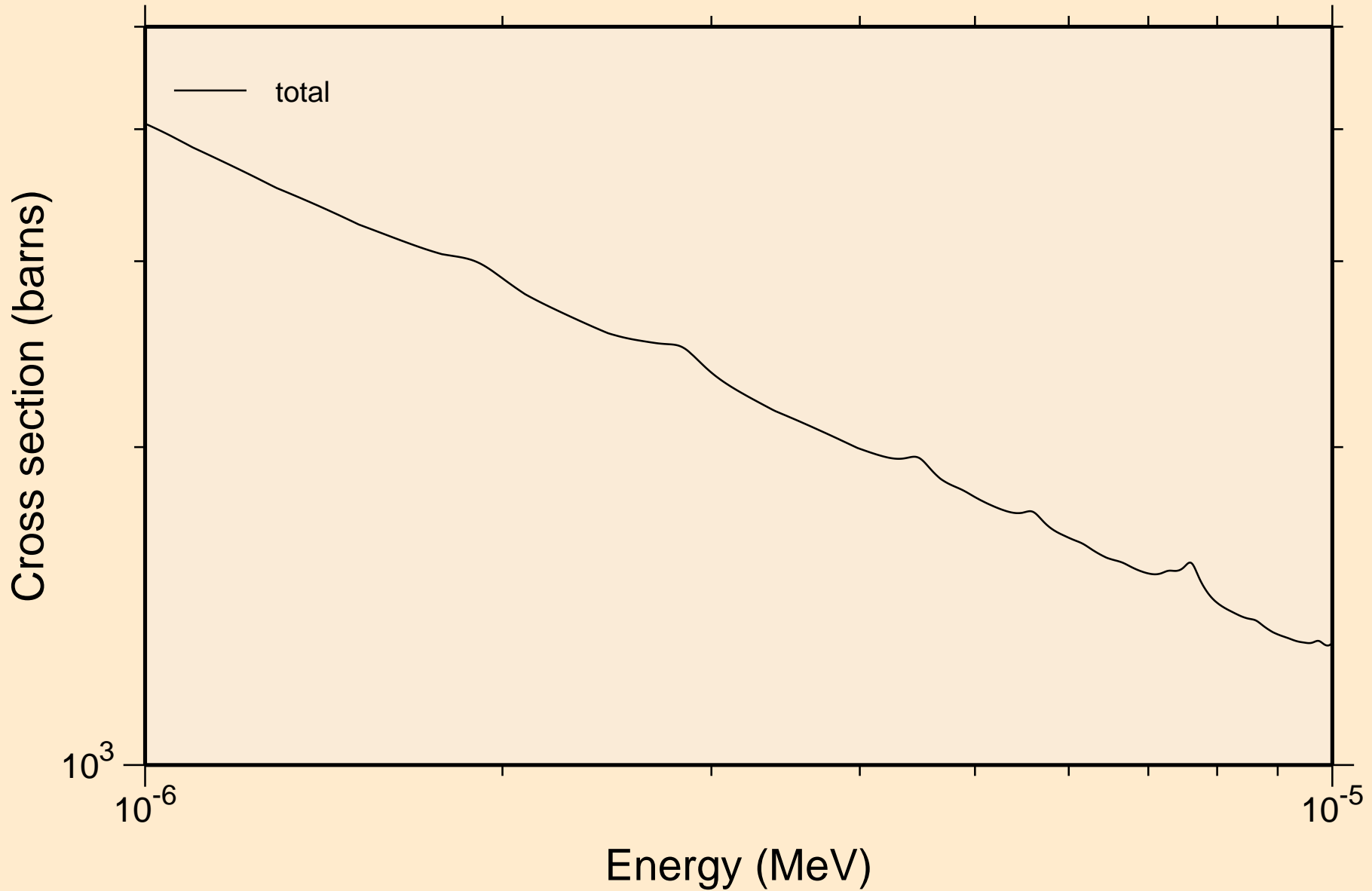


ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

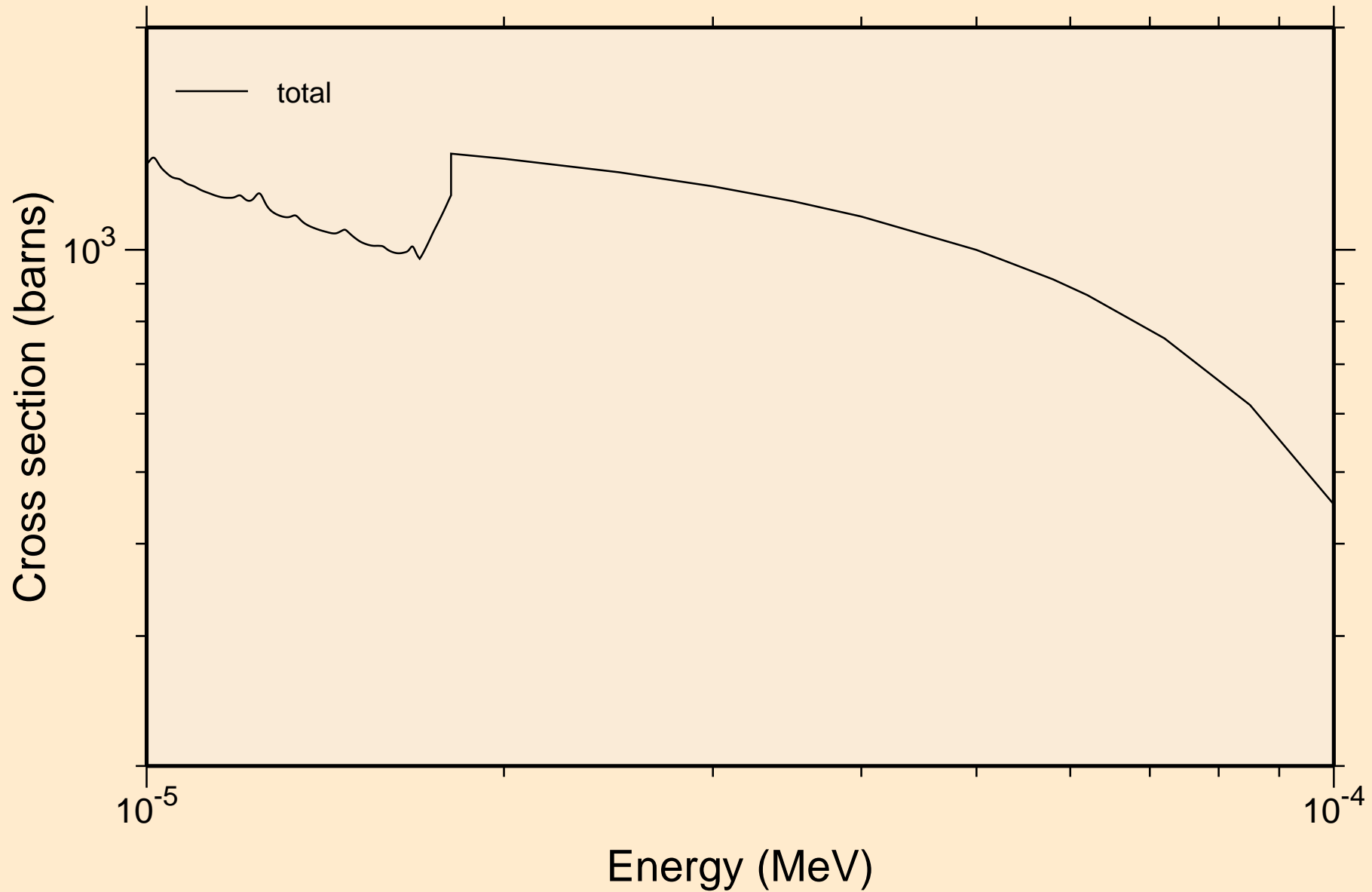
Principal cross sections



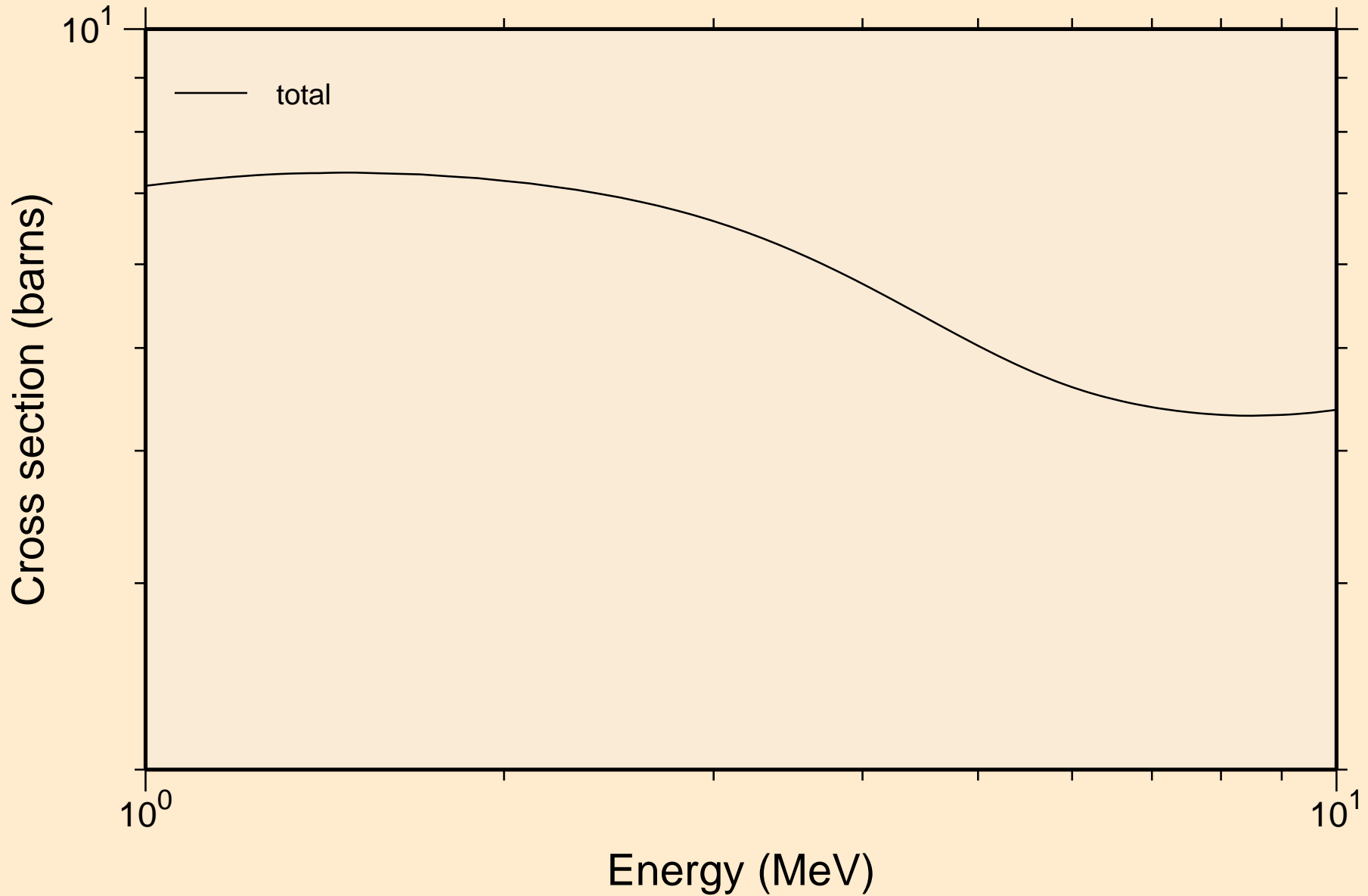
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



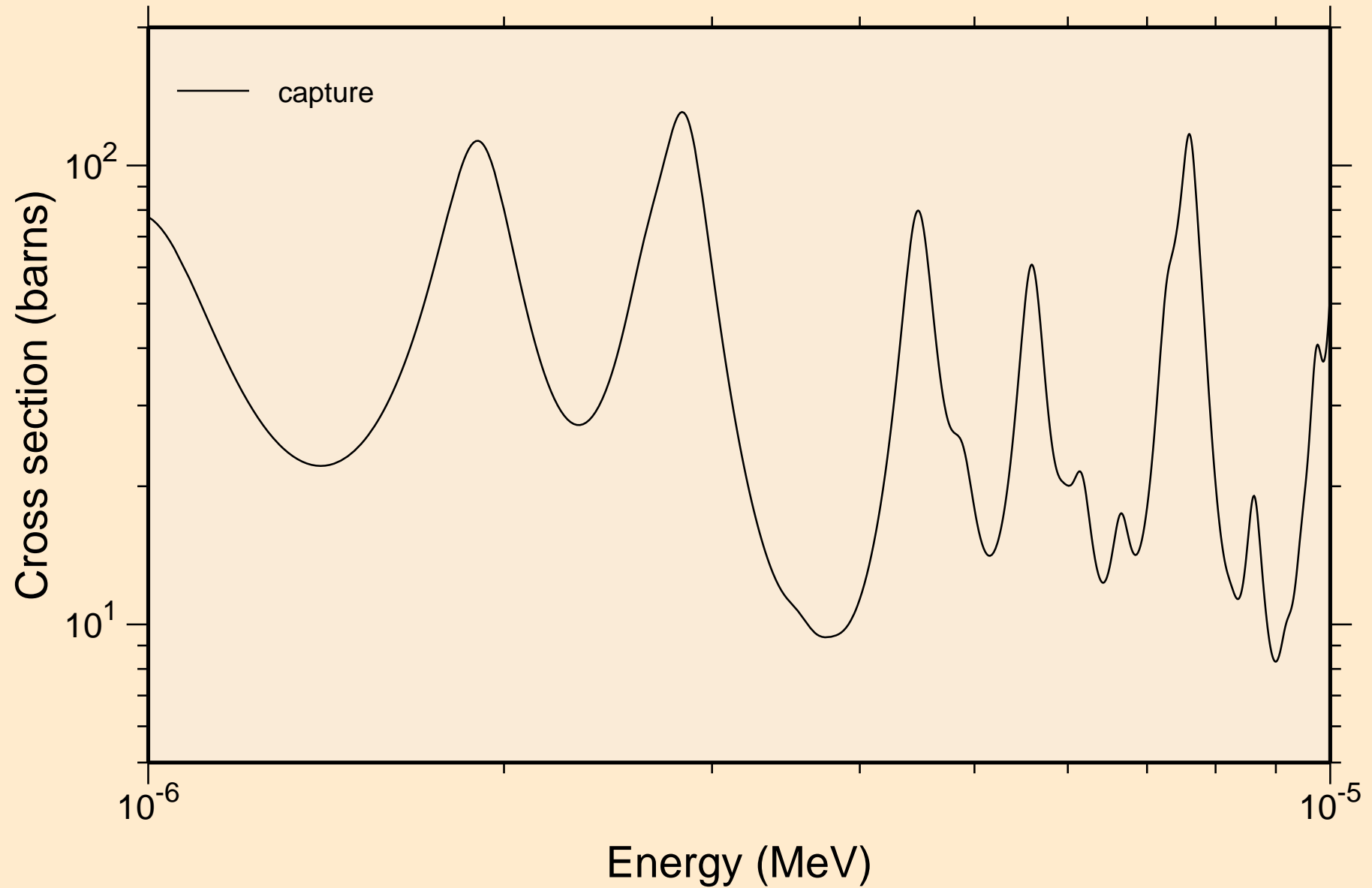
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



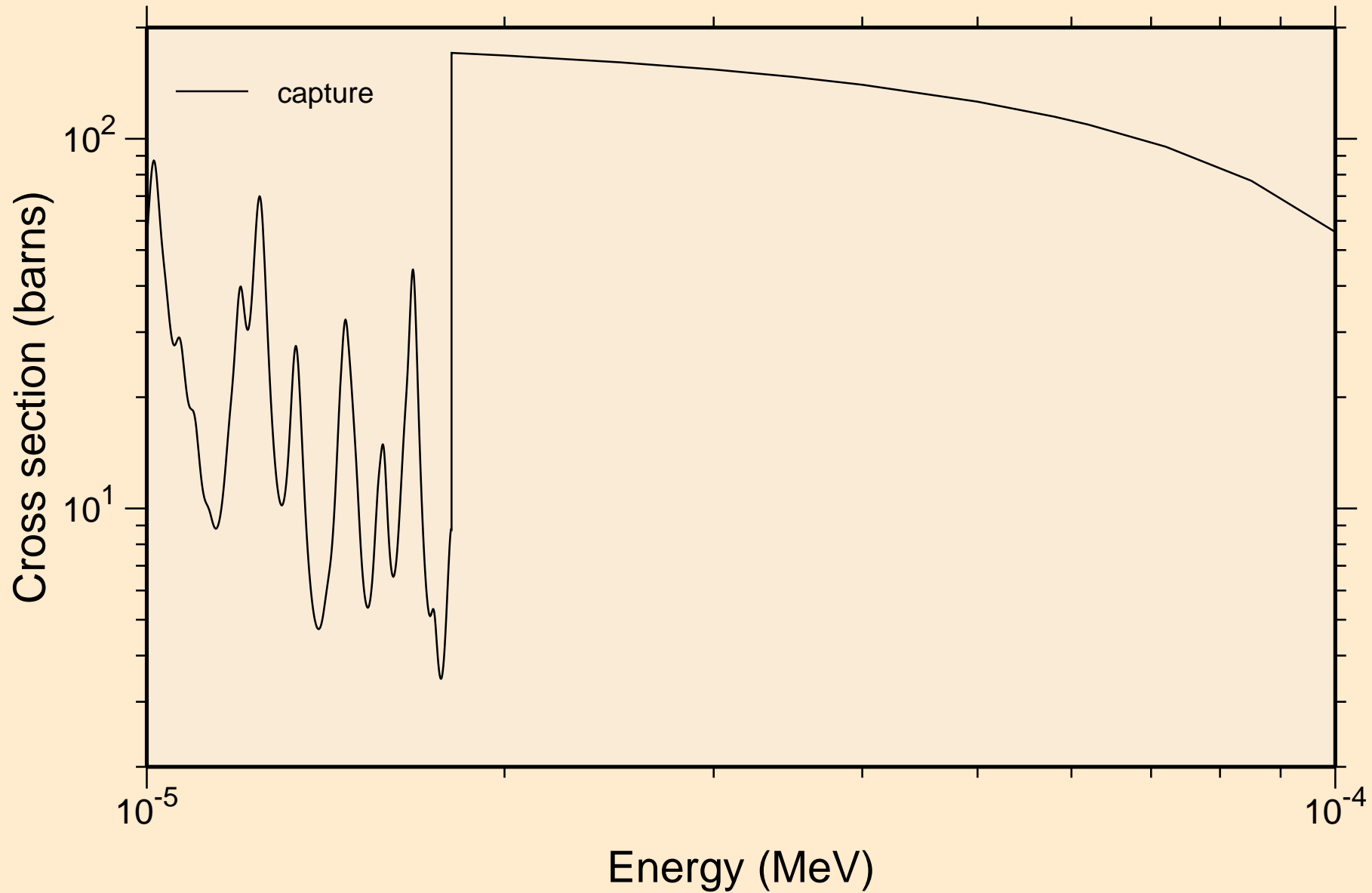
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



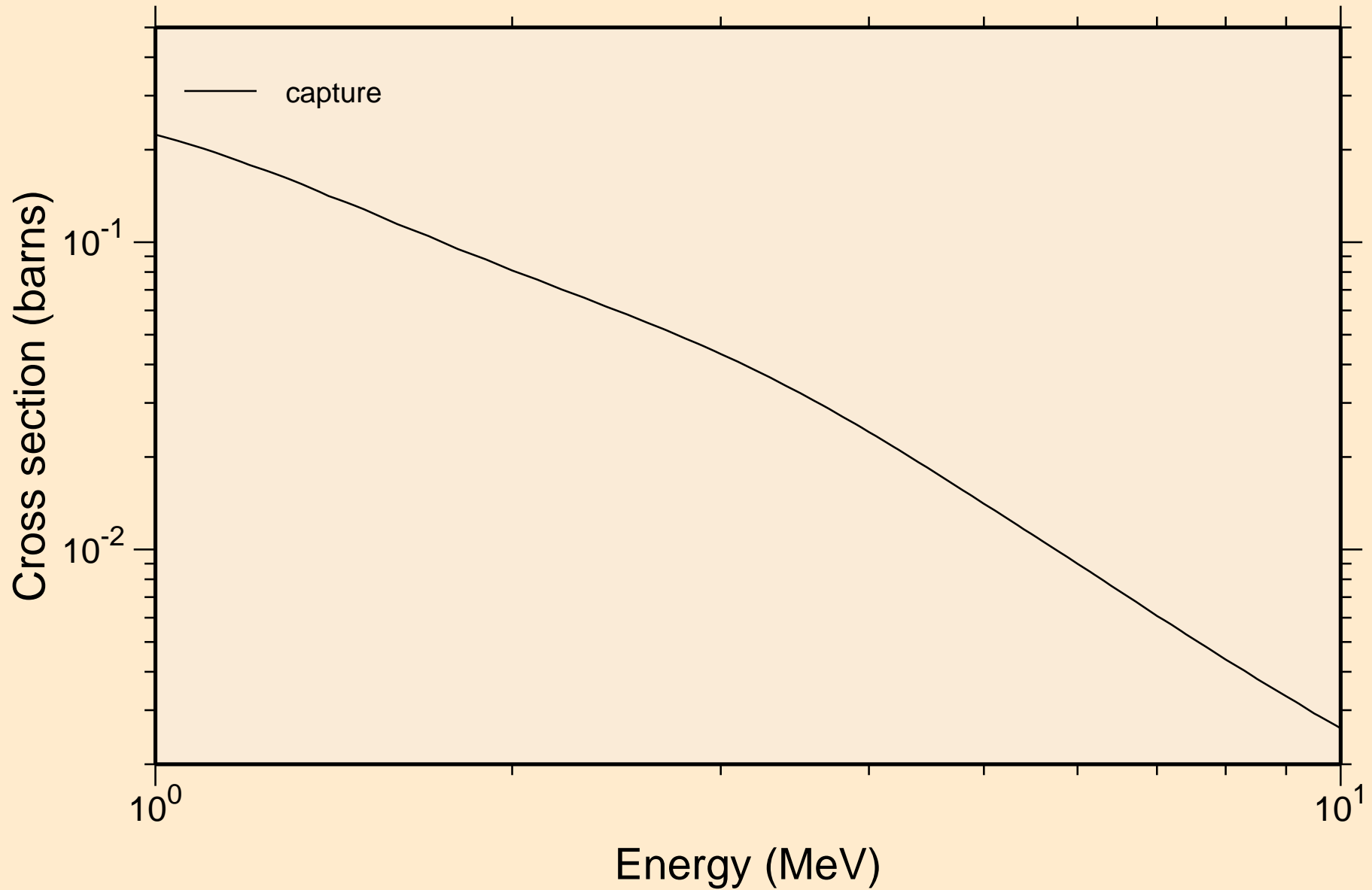
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

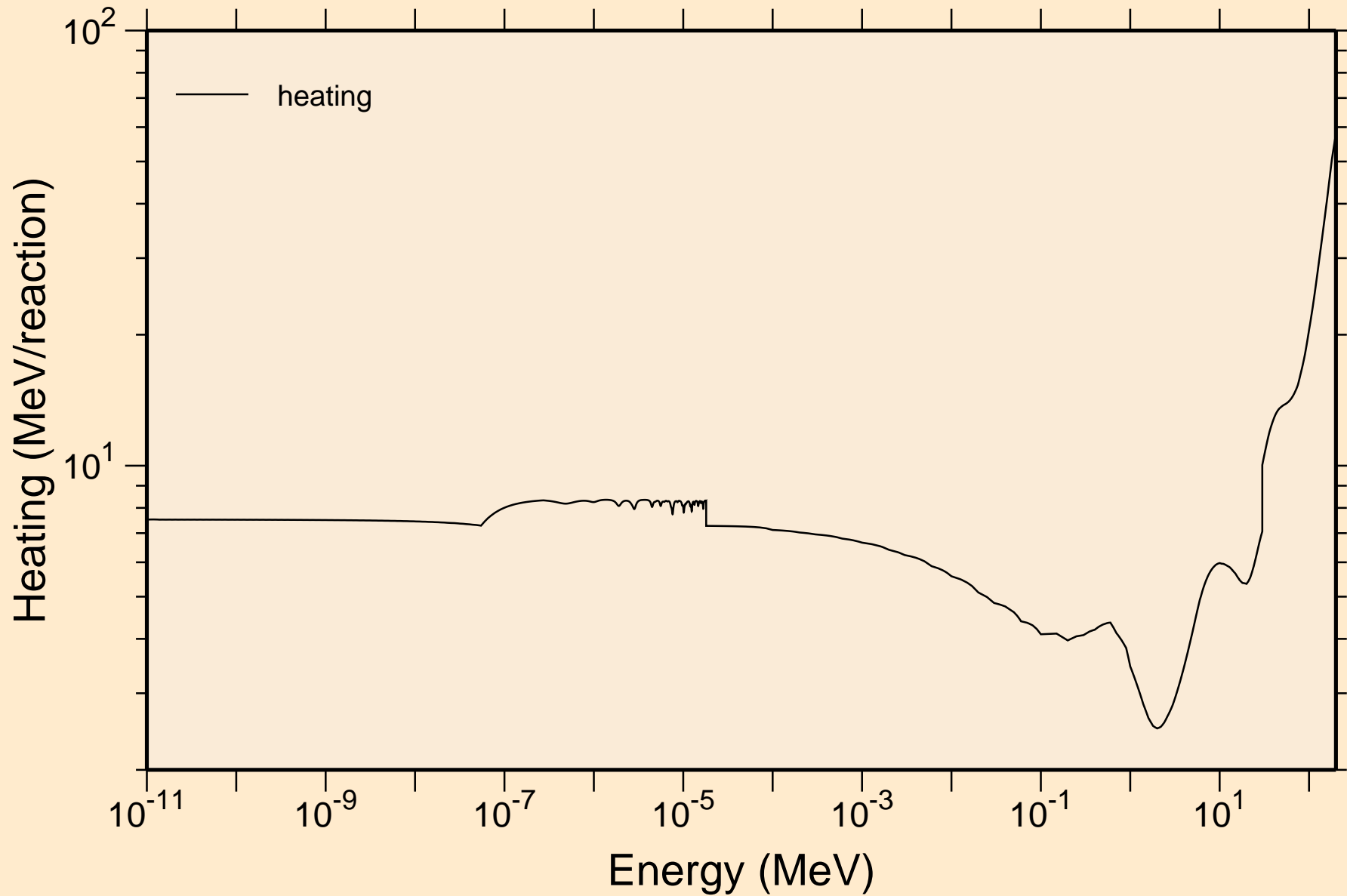


ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



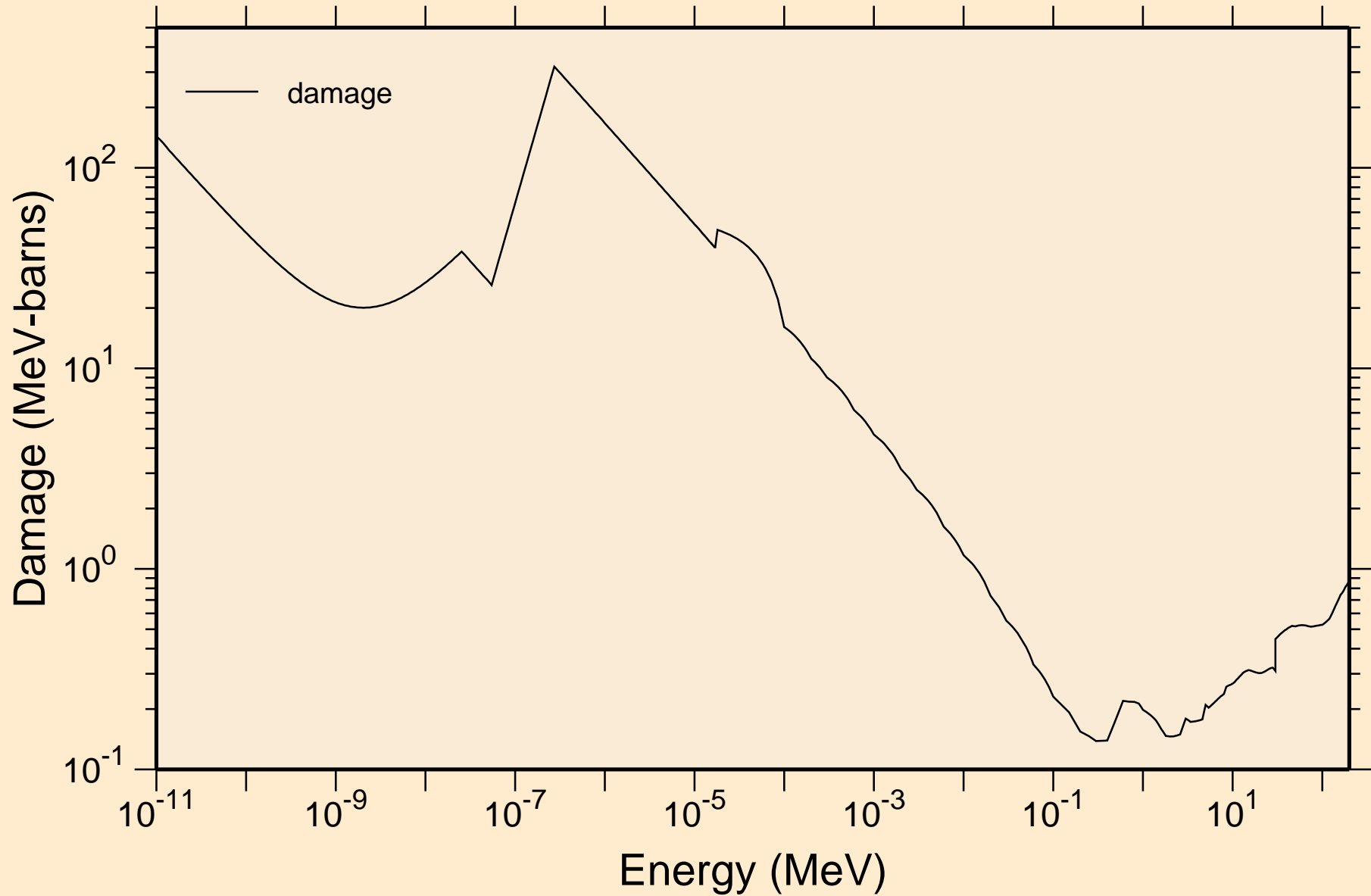
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

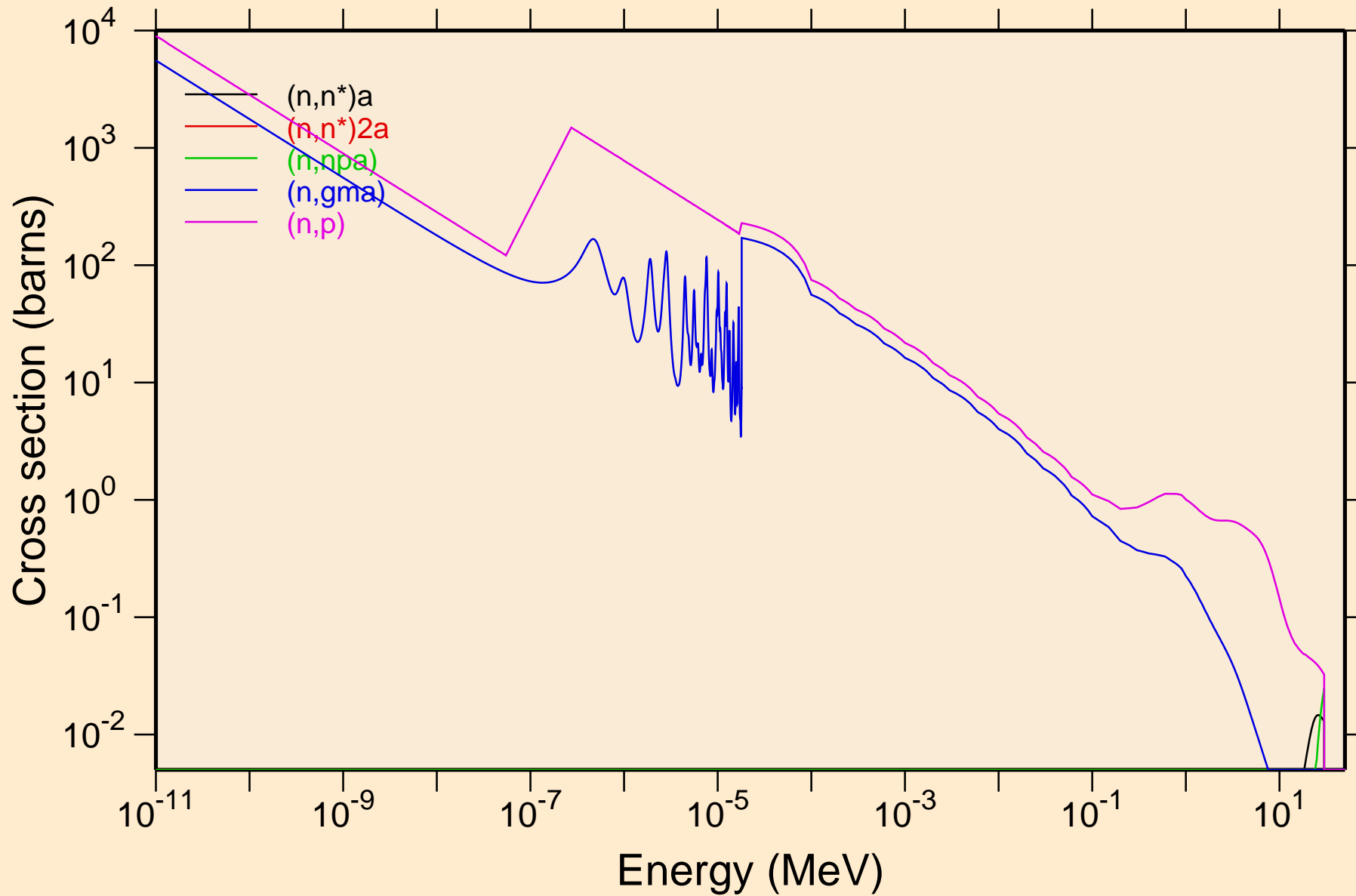


ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

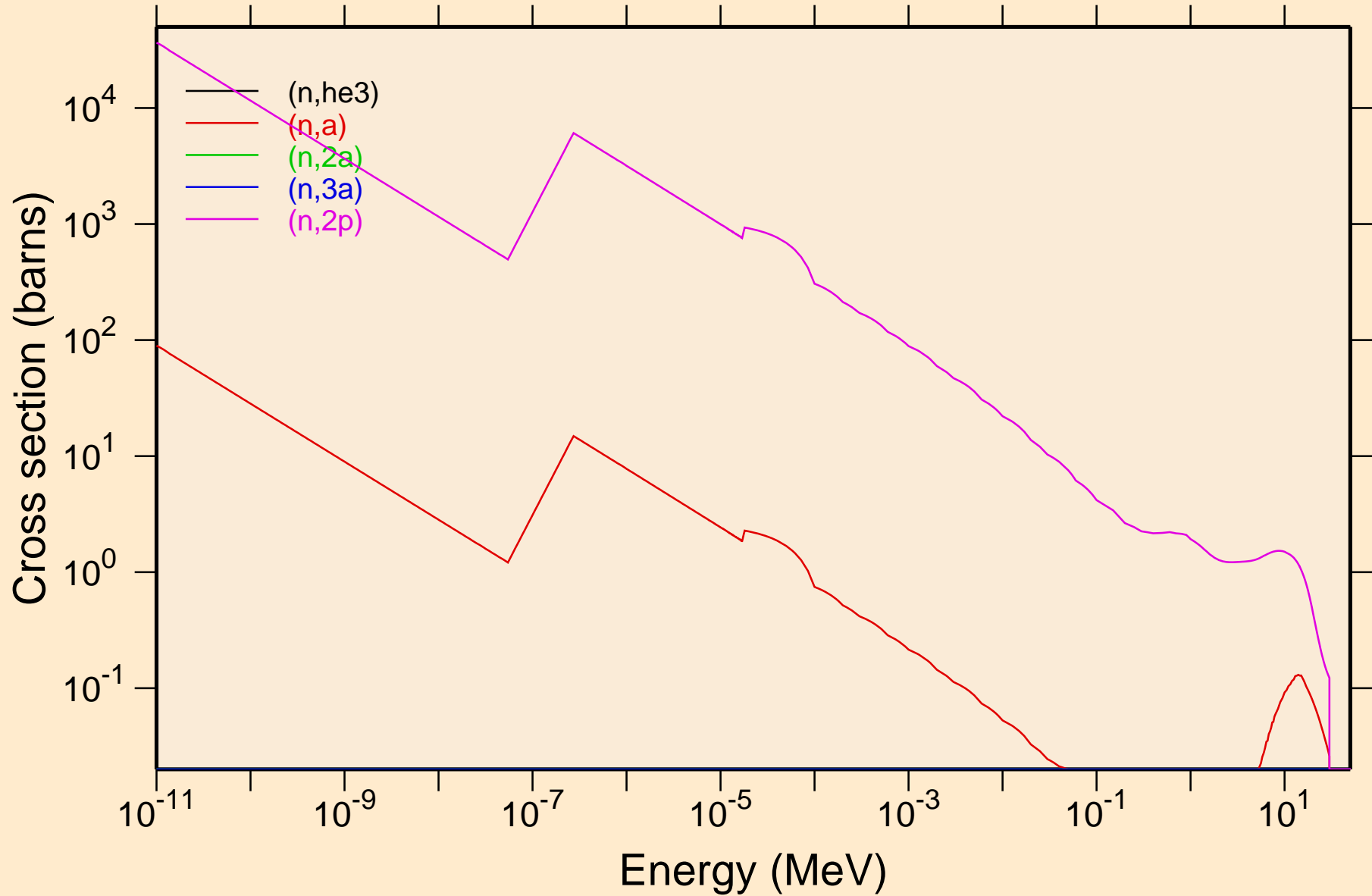
Damage



ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

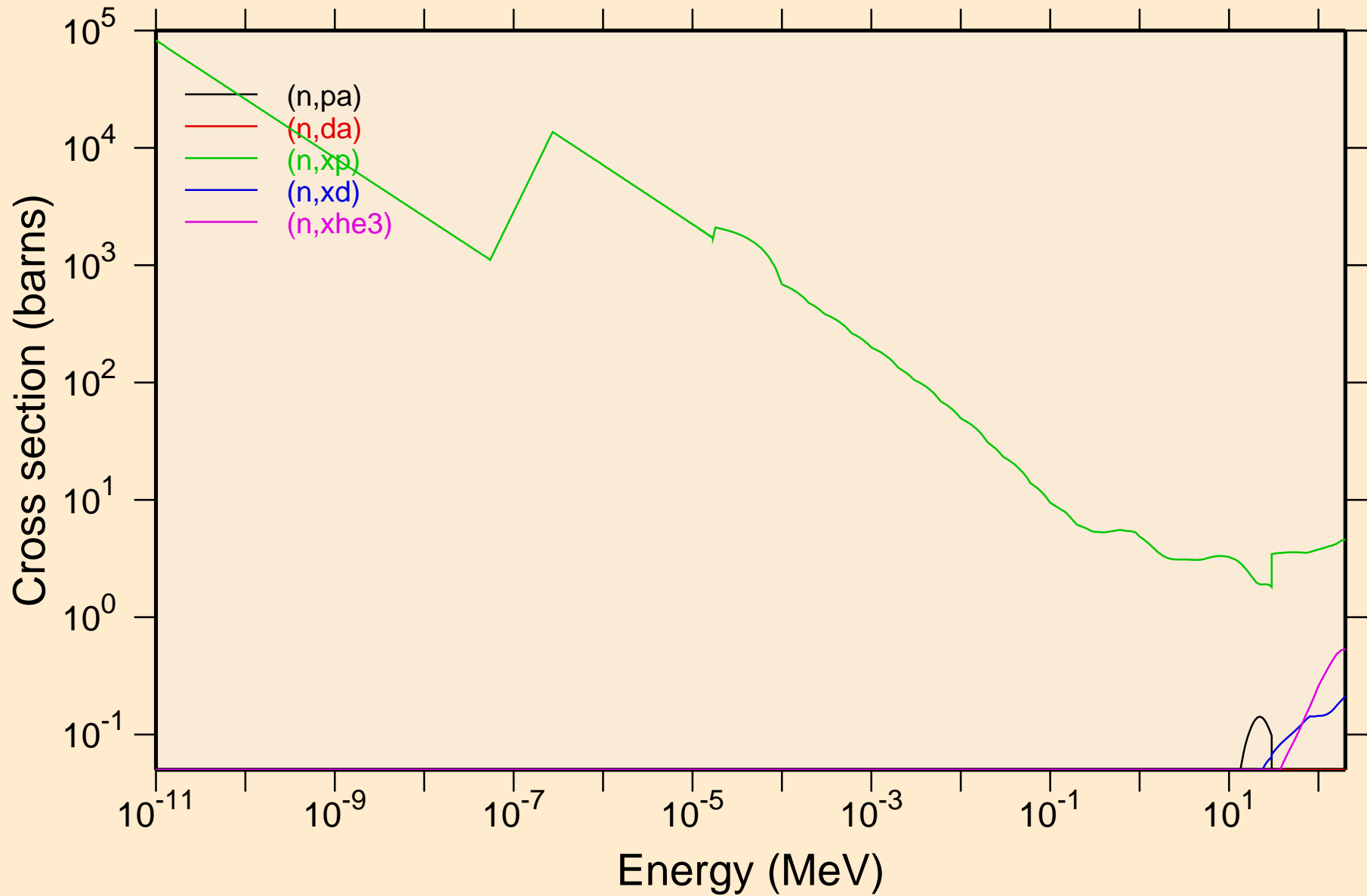


ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

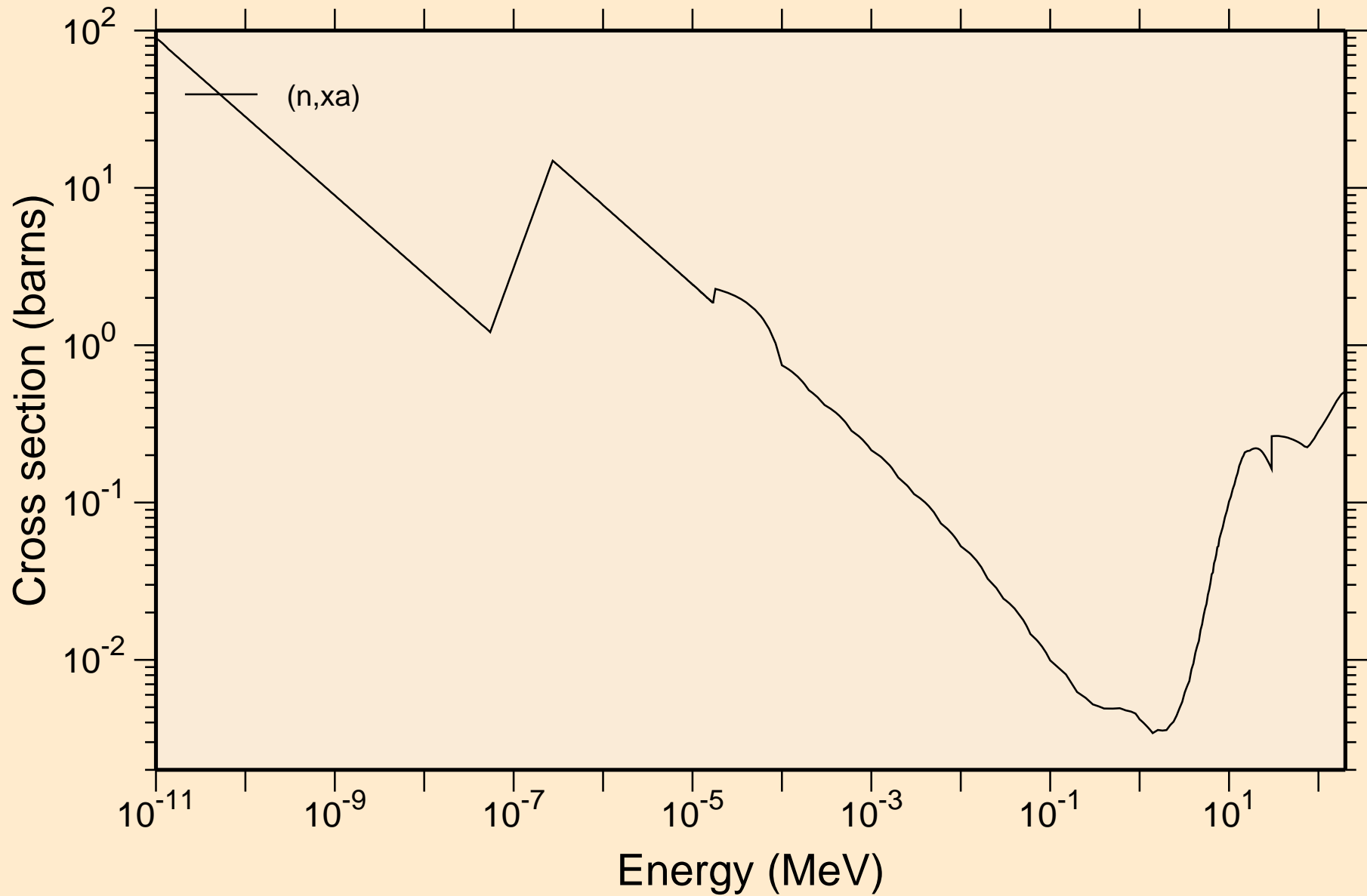


ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

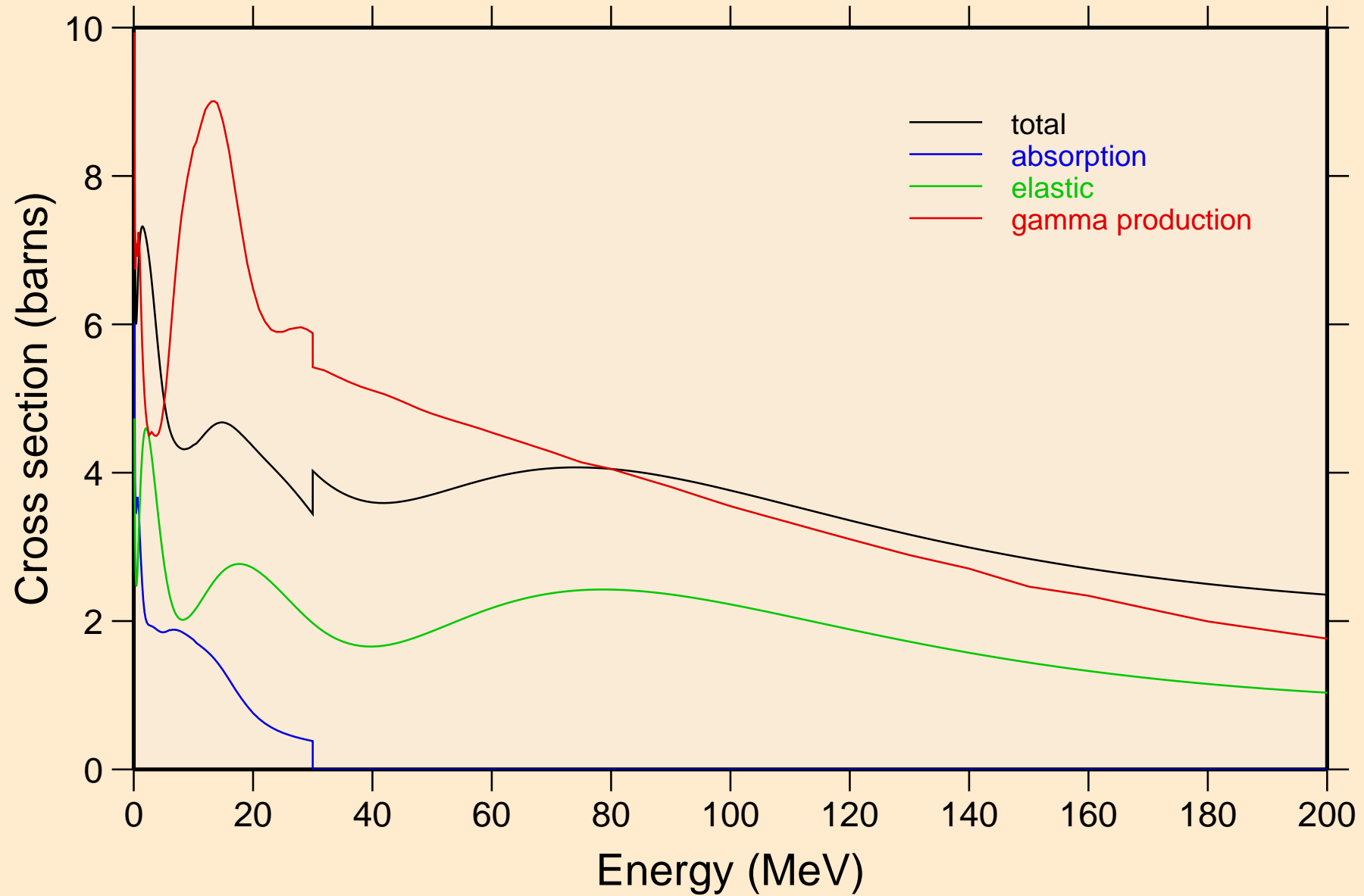


ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



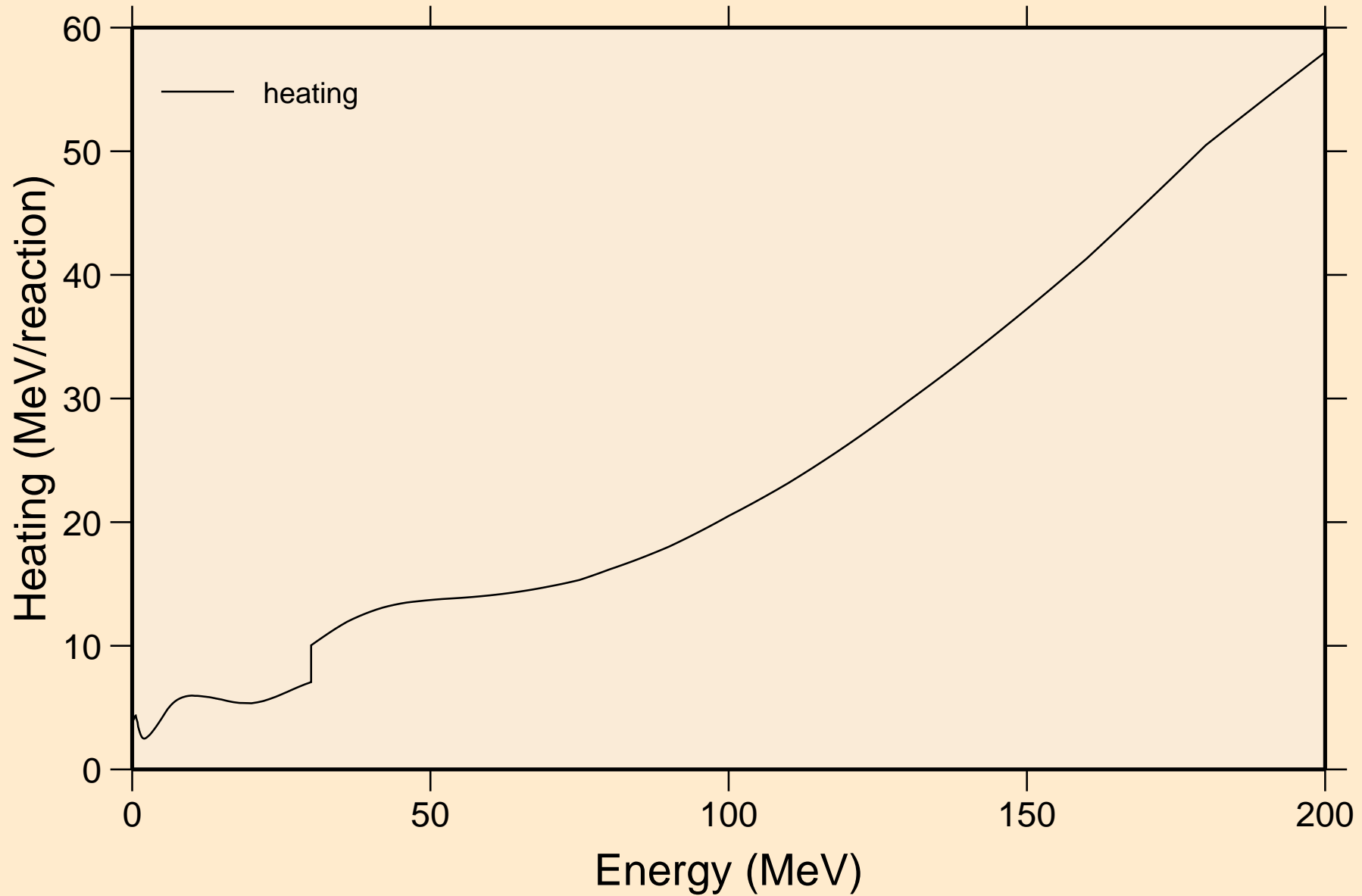
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



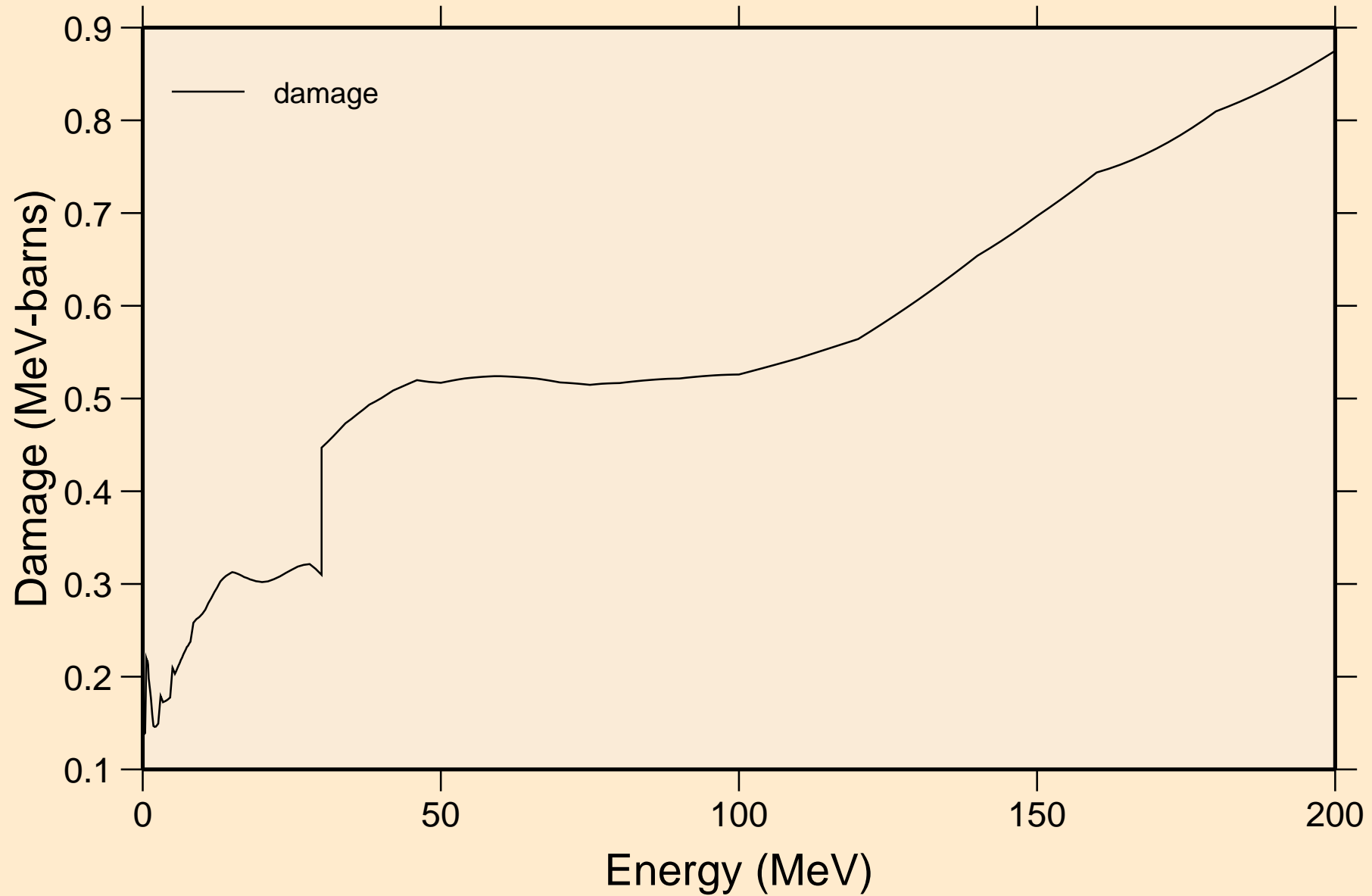
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating



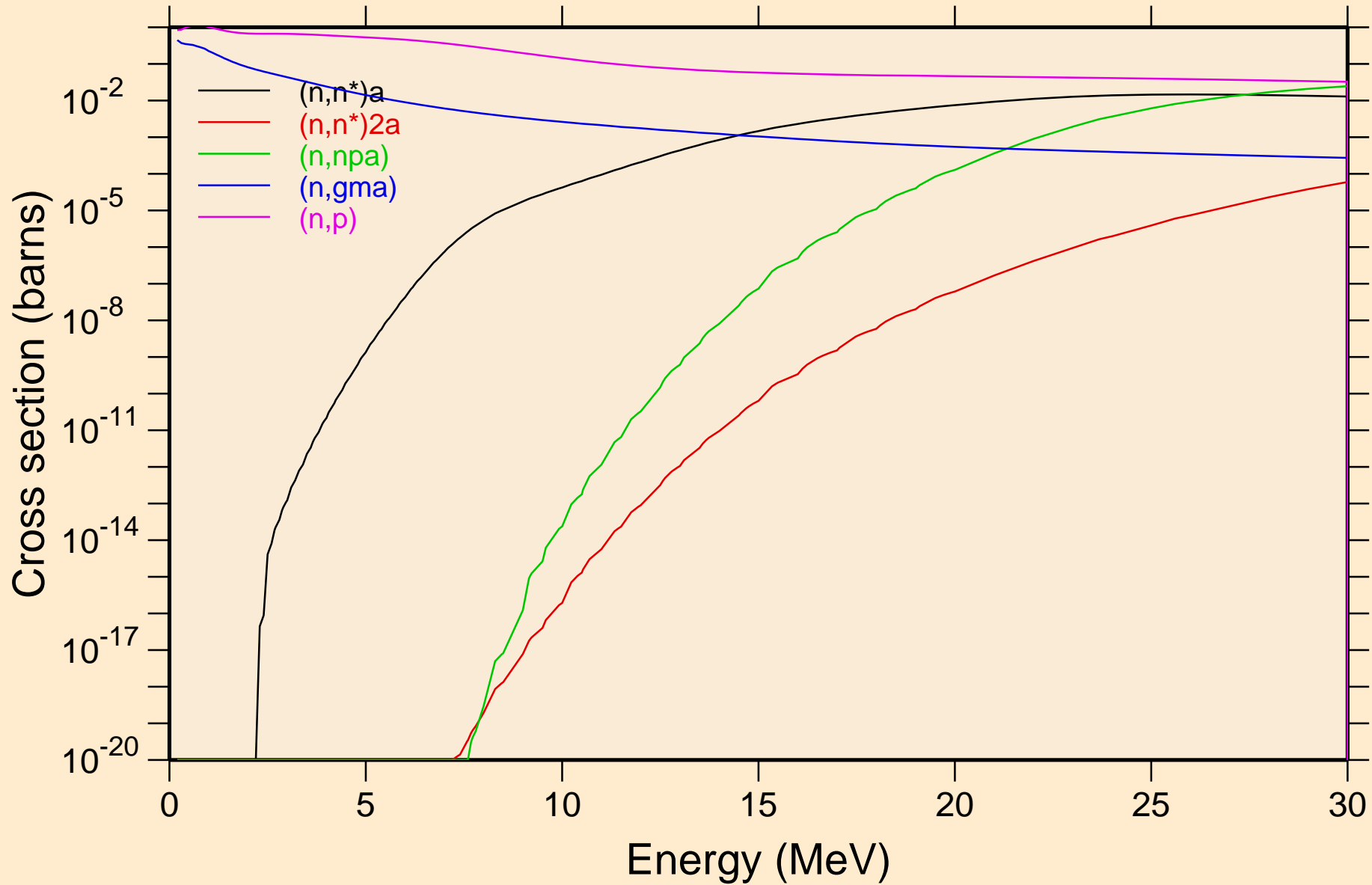
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

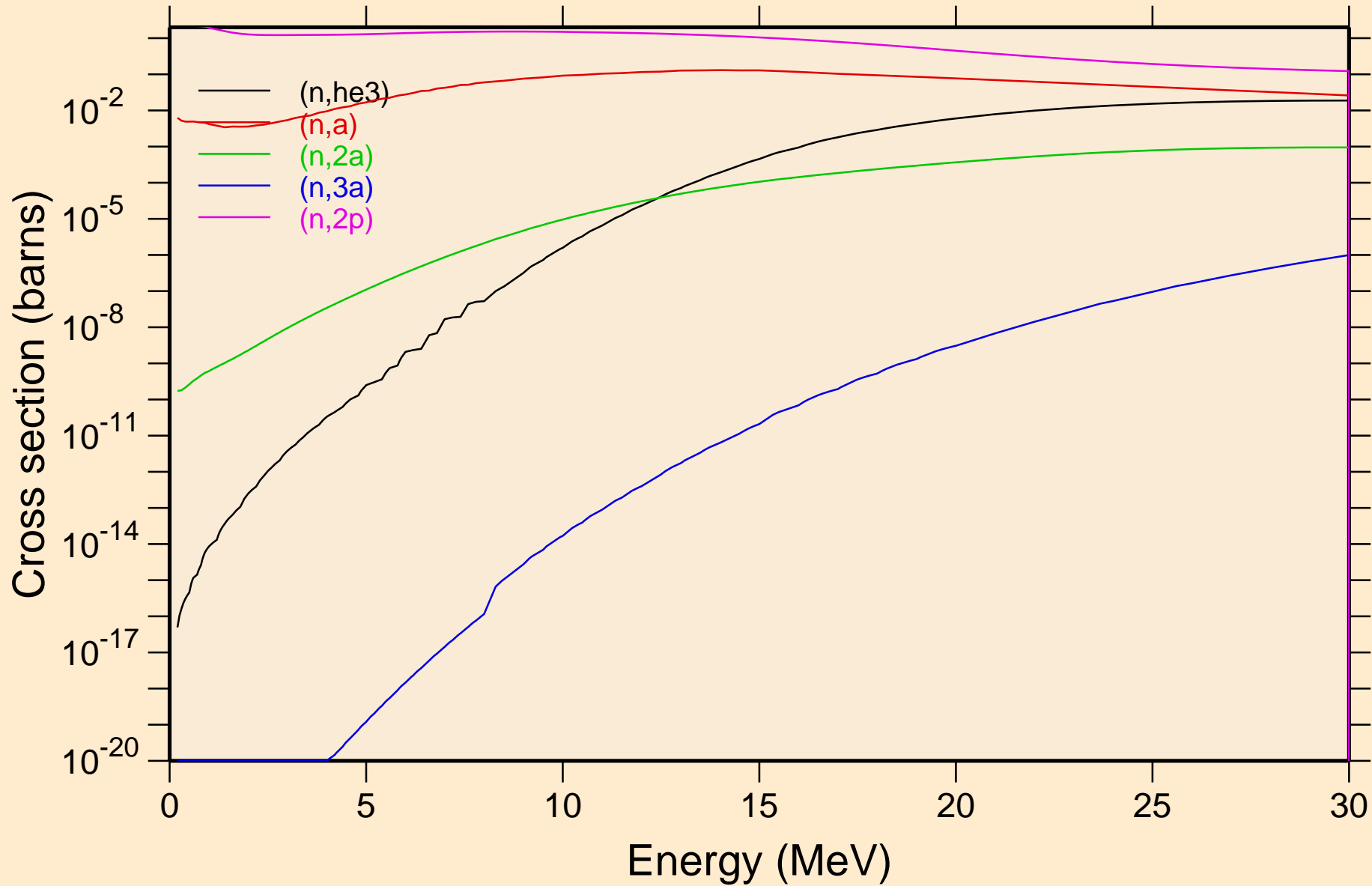


ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

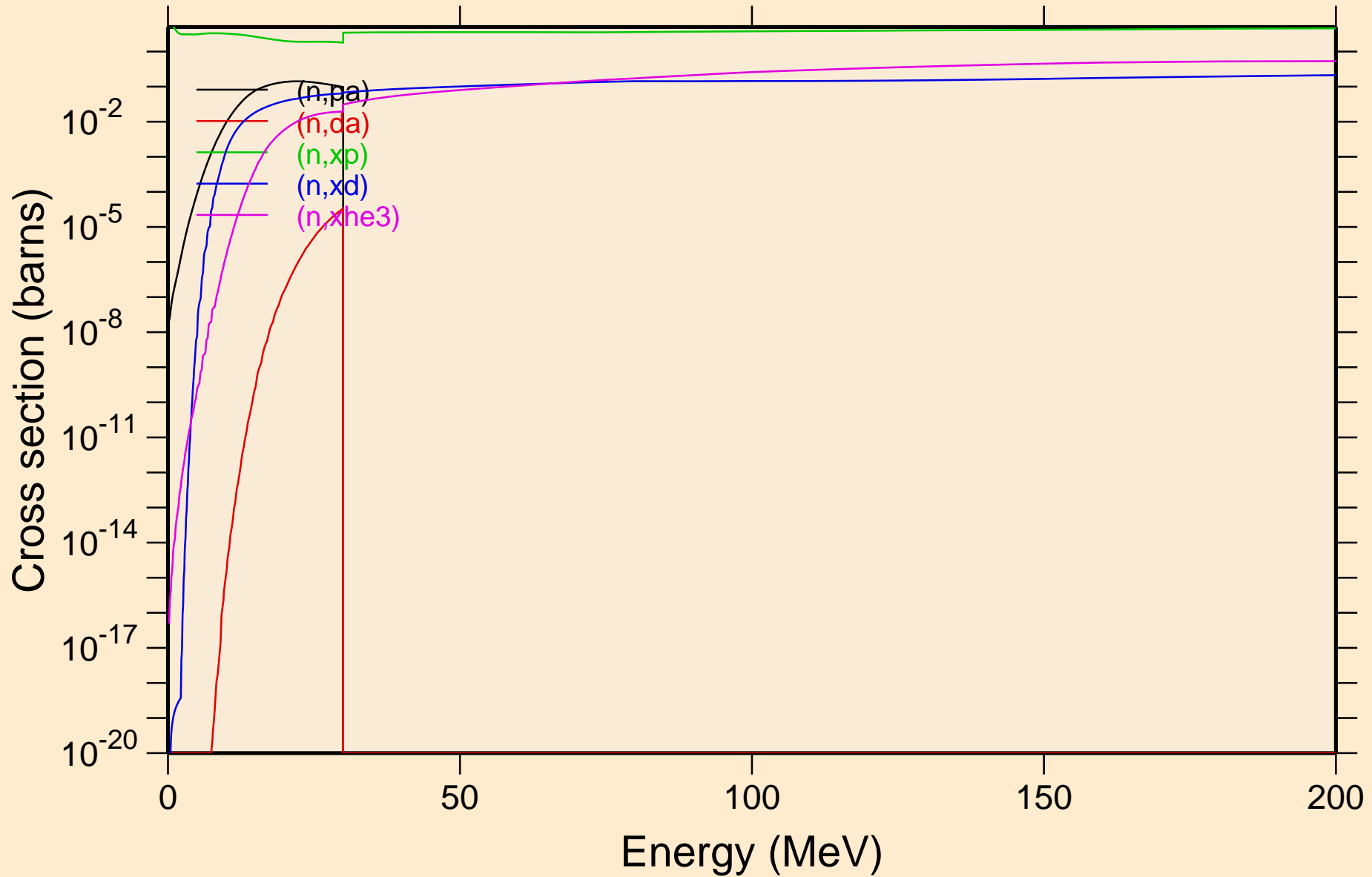
Non-threshold reactions



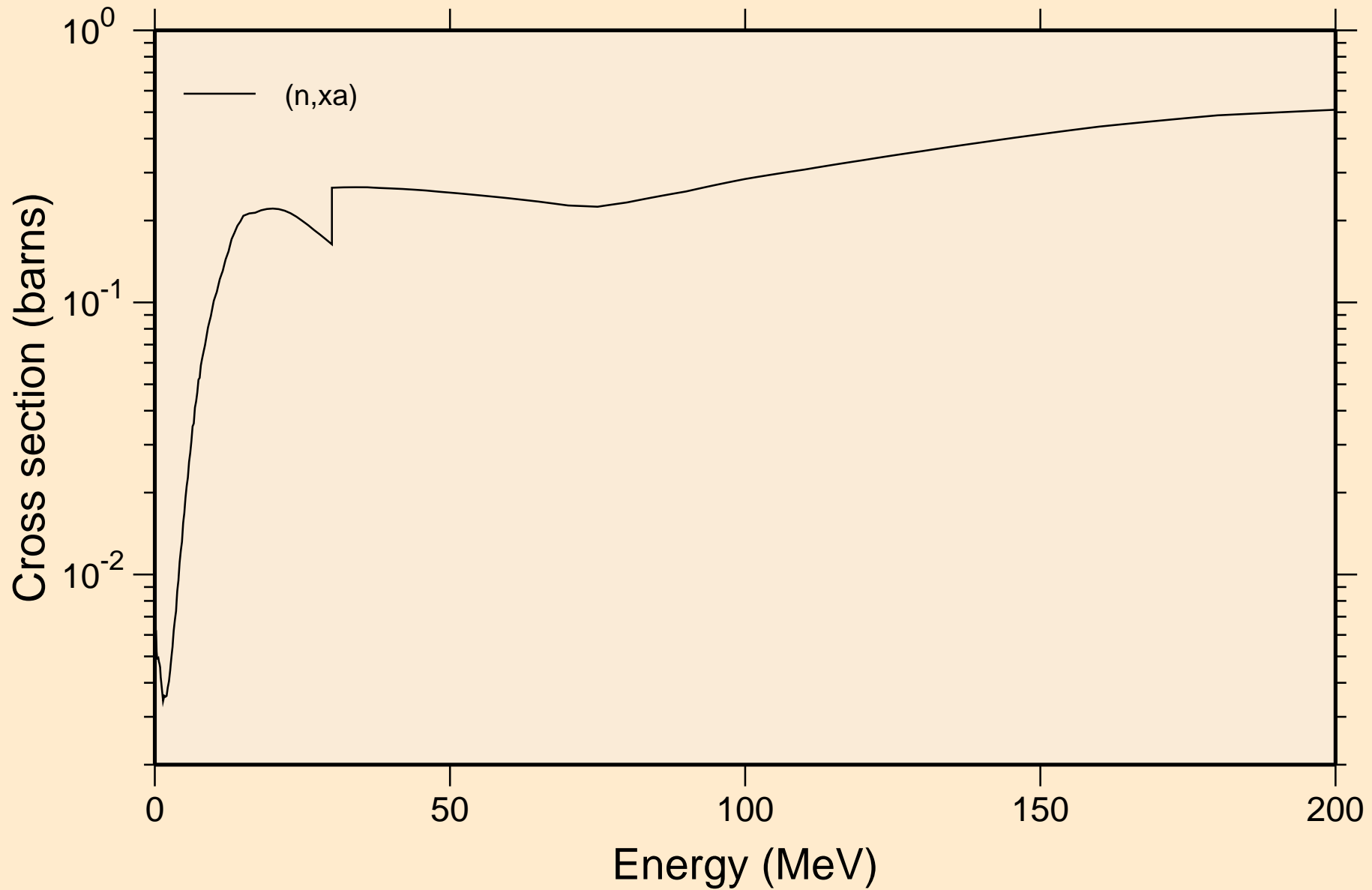
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

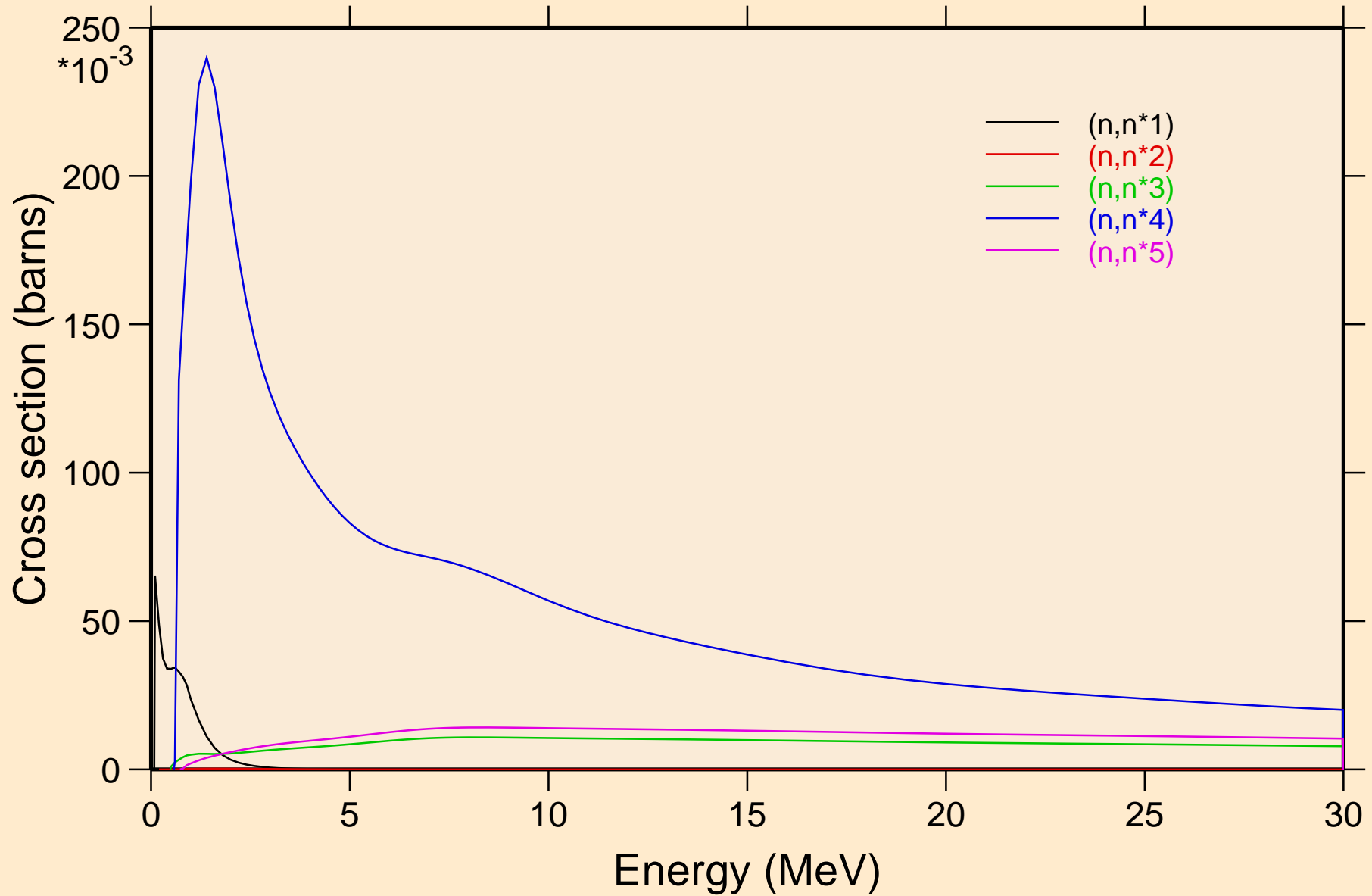


ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



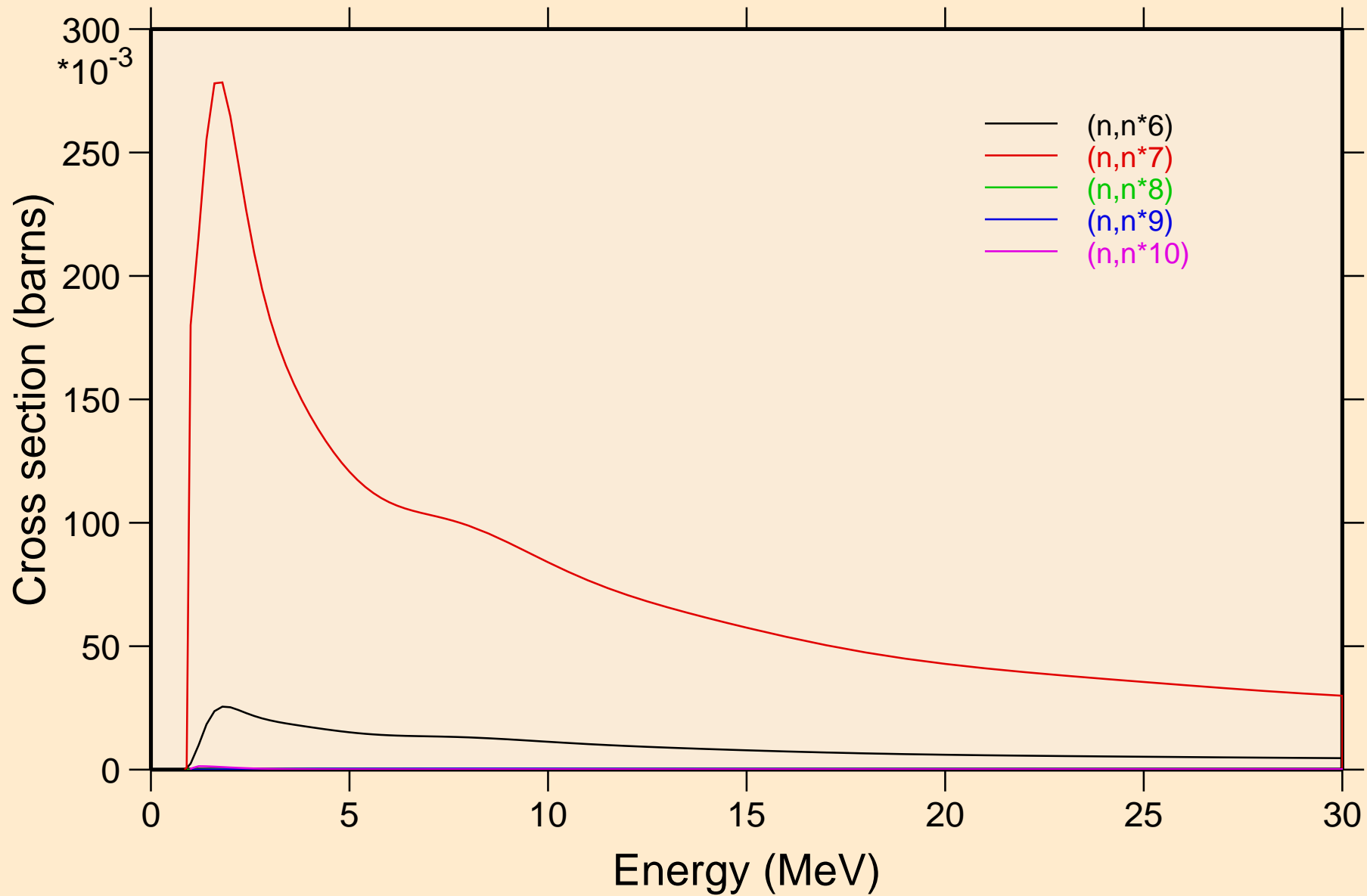
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels

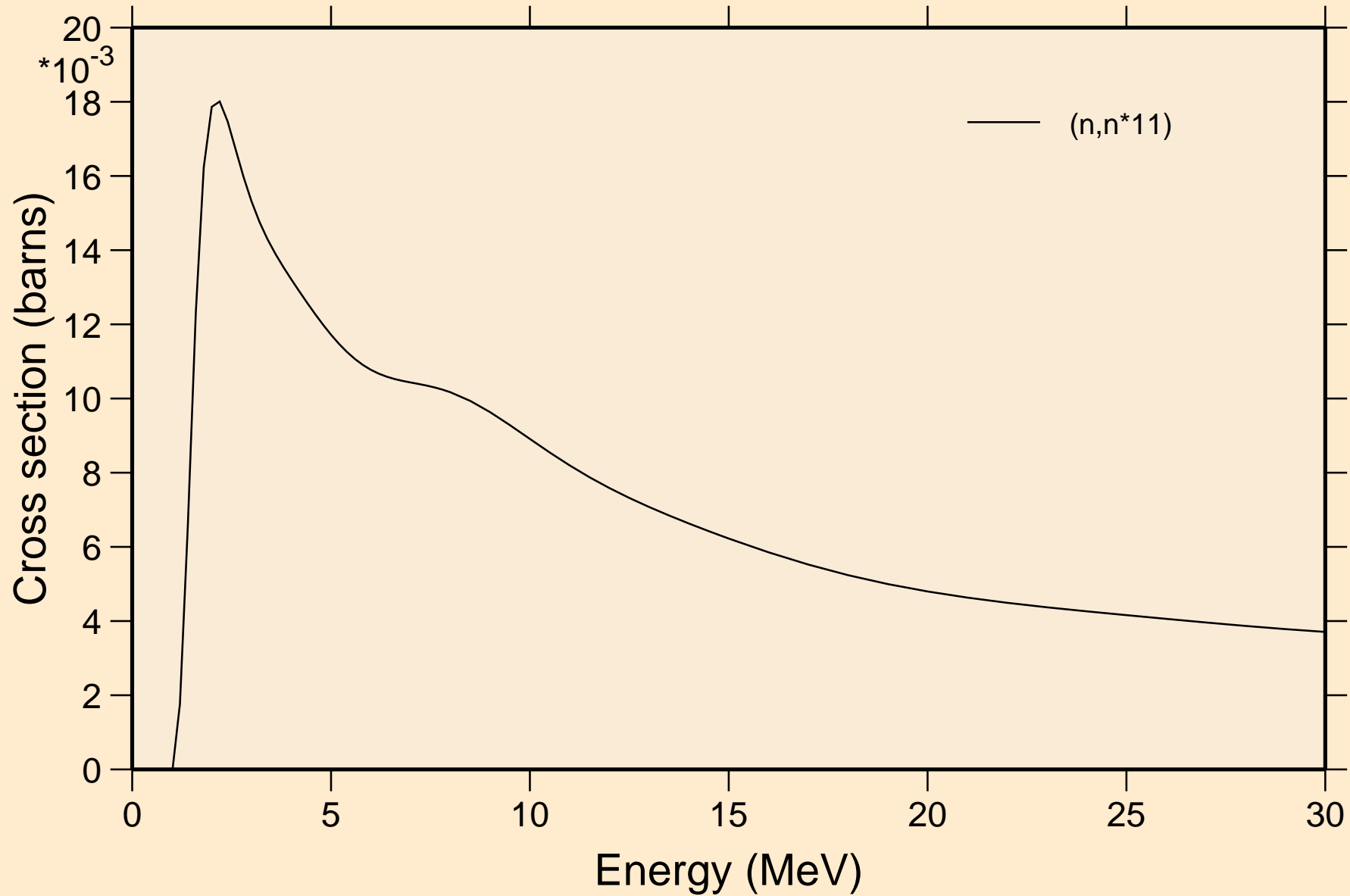


ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels

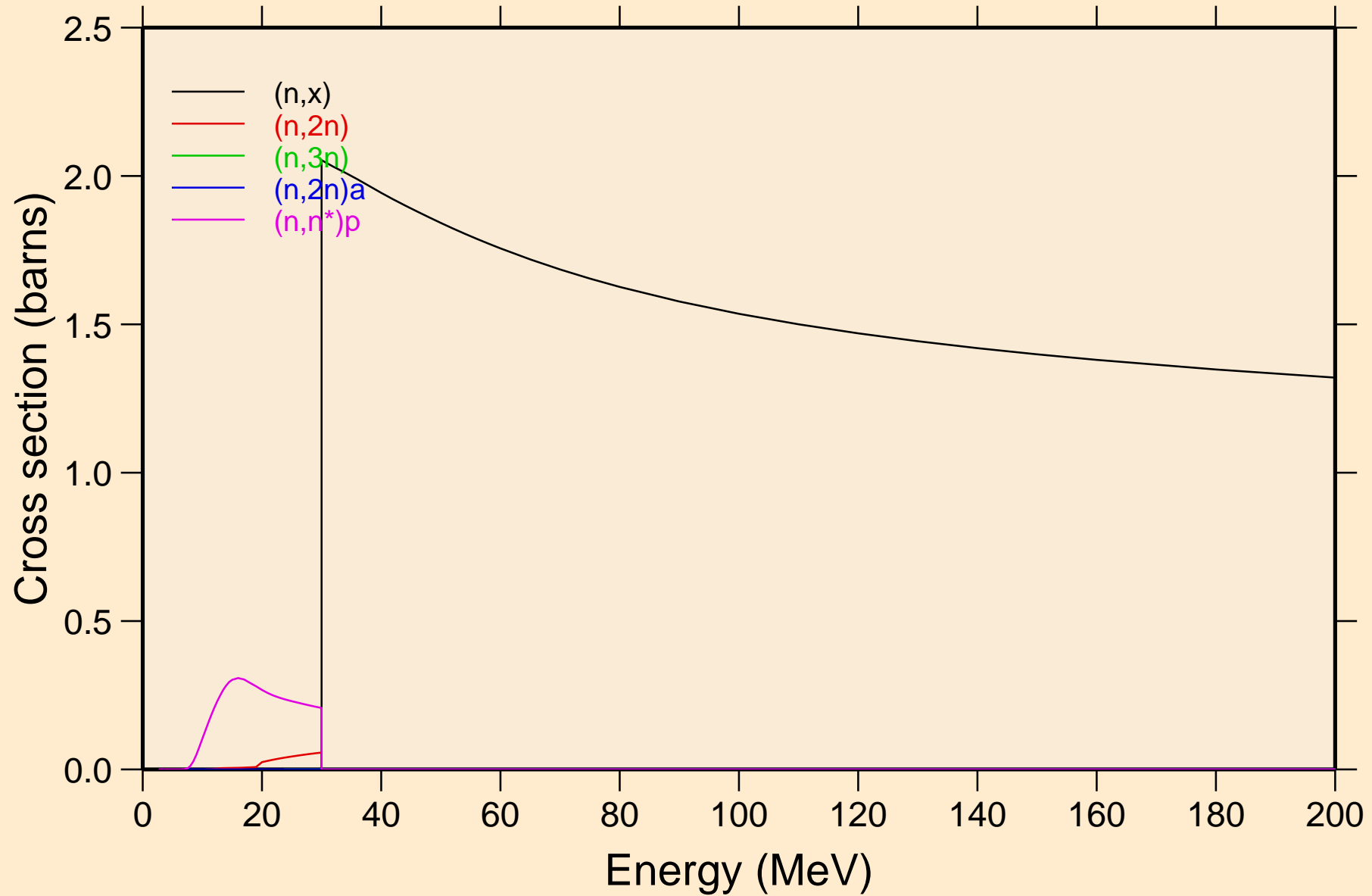


ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels

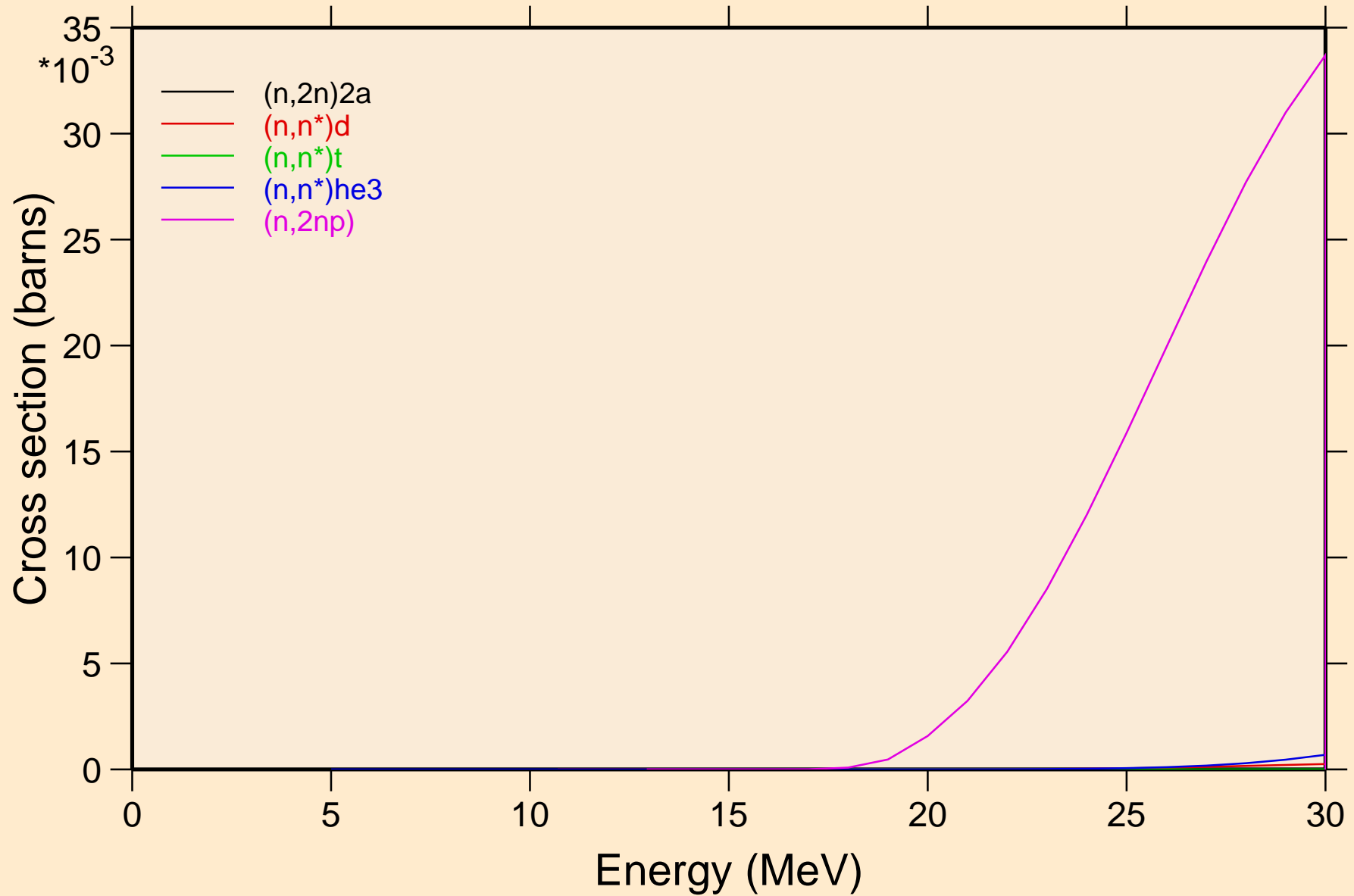


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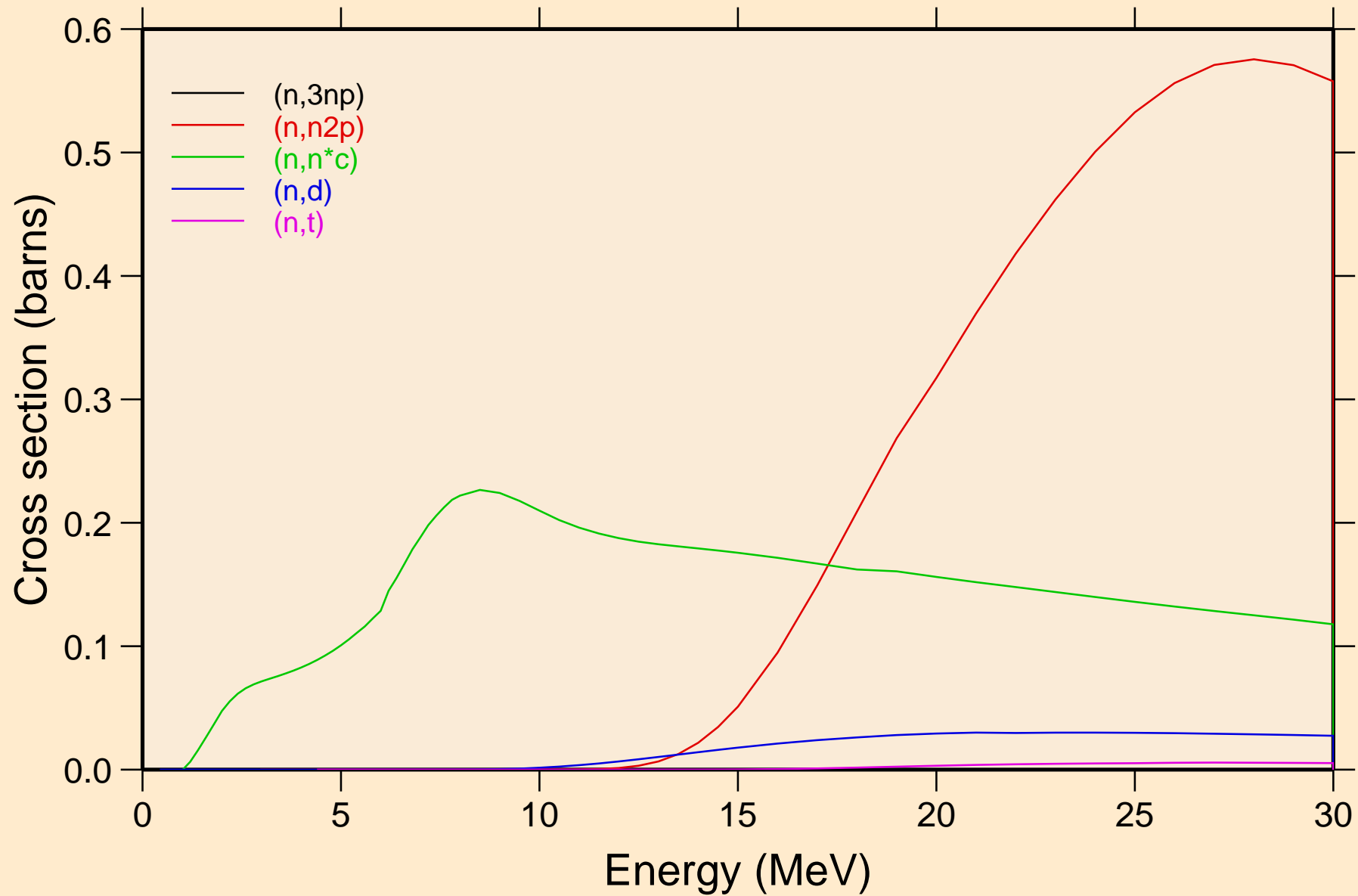
Threshold reactions



ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

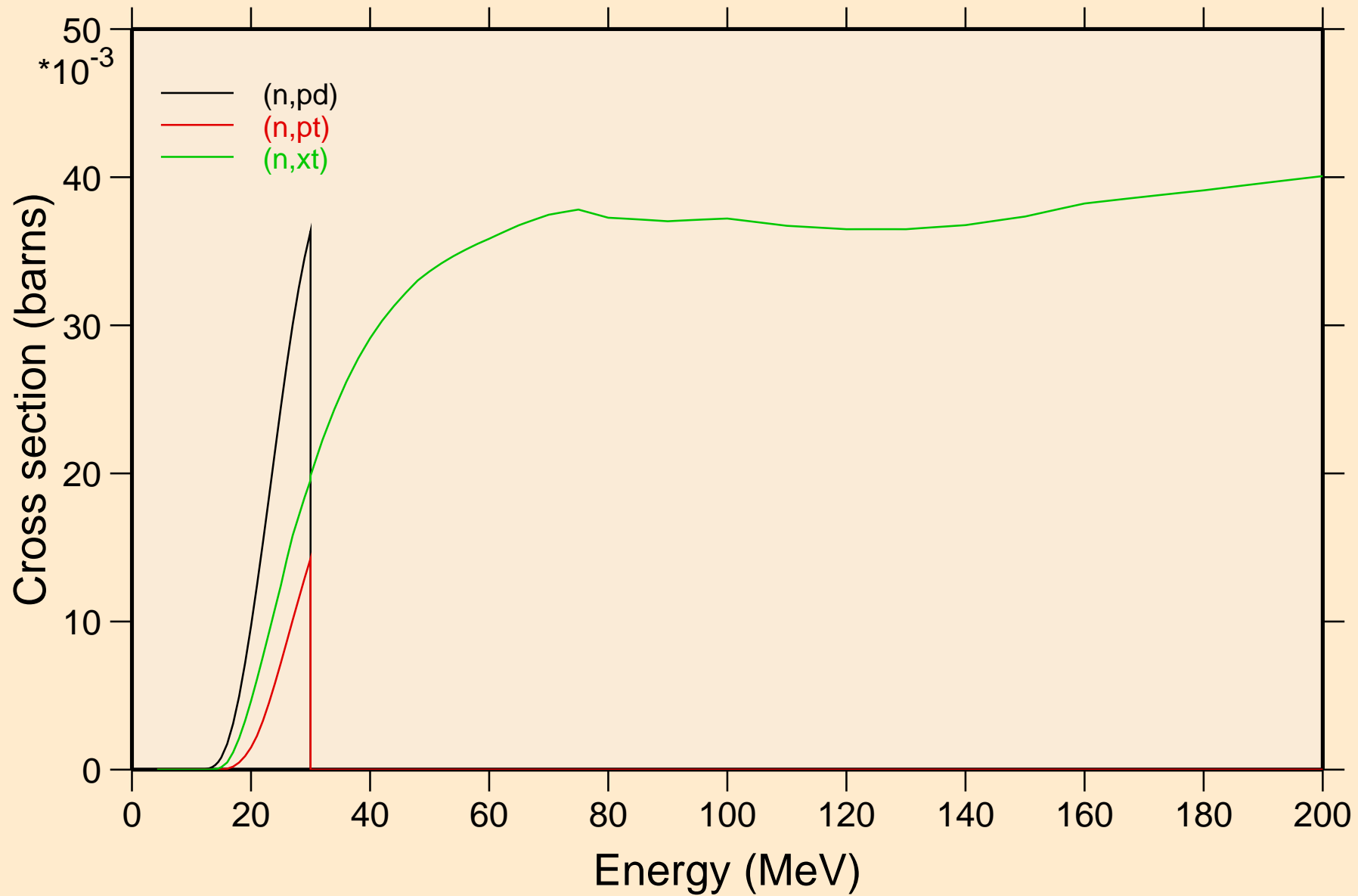


ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

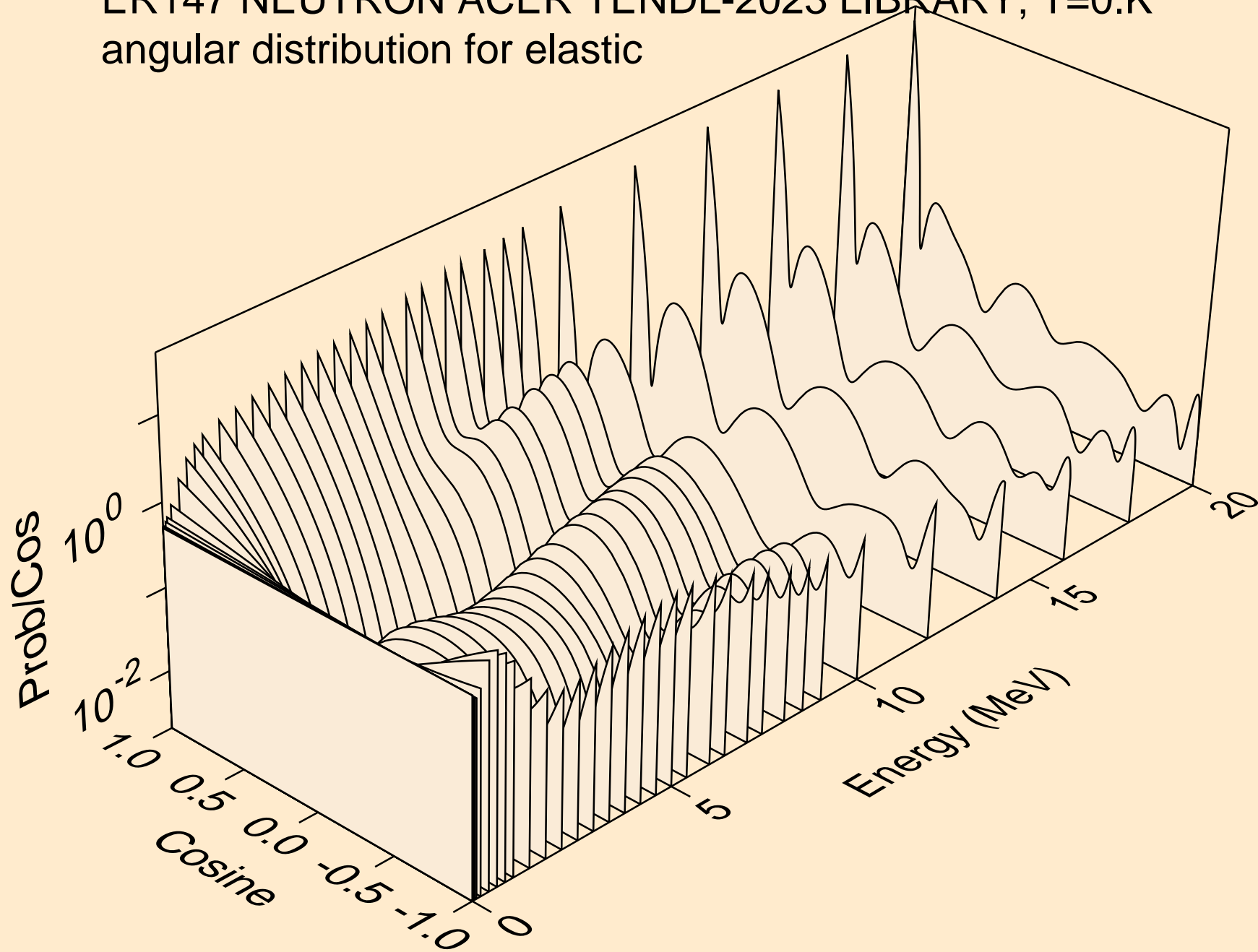


ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

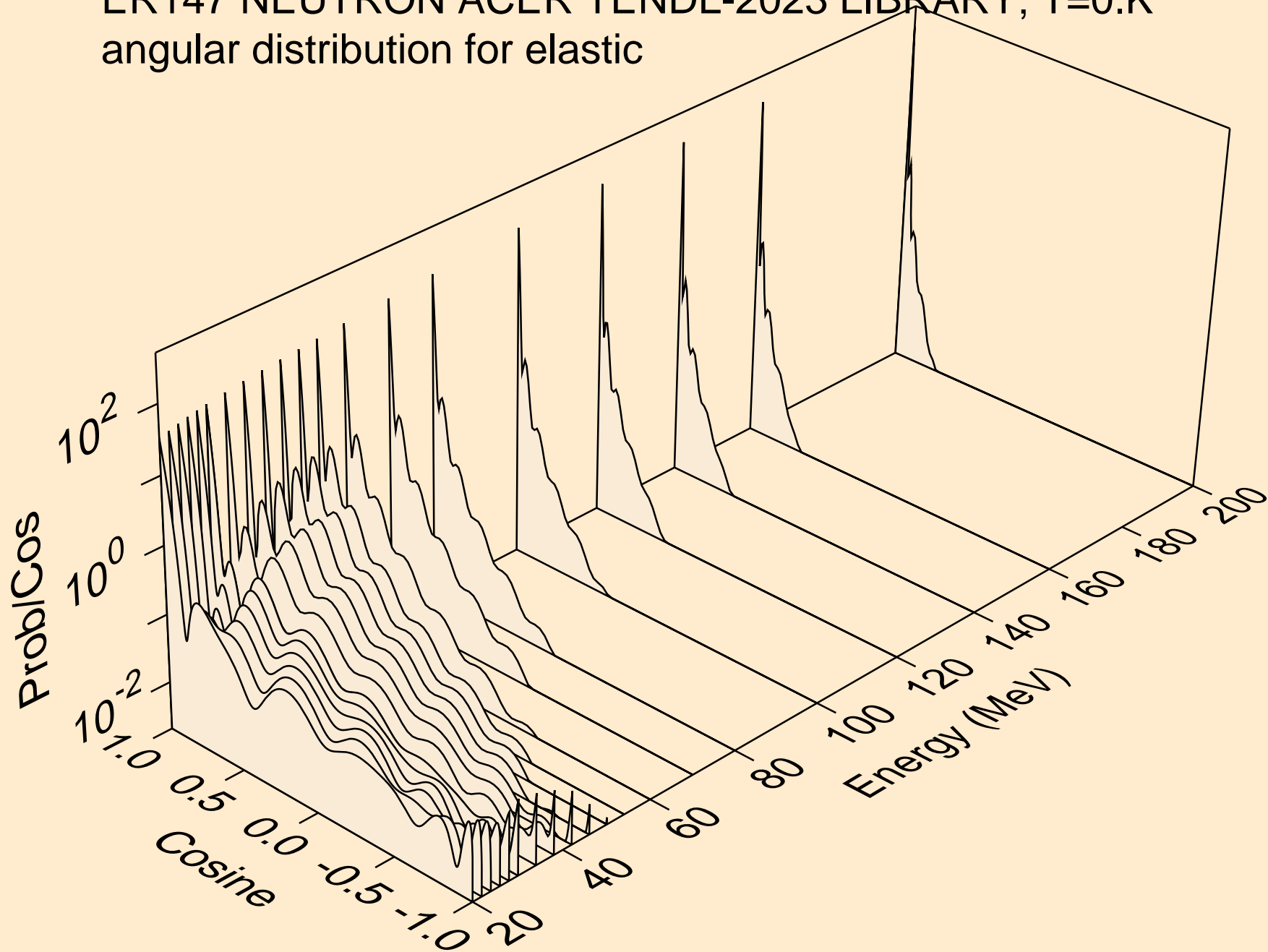
Threshold reactions



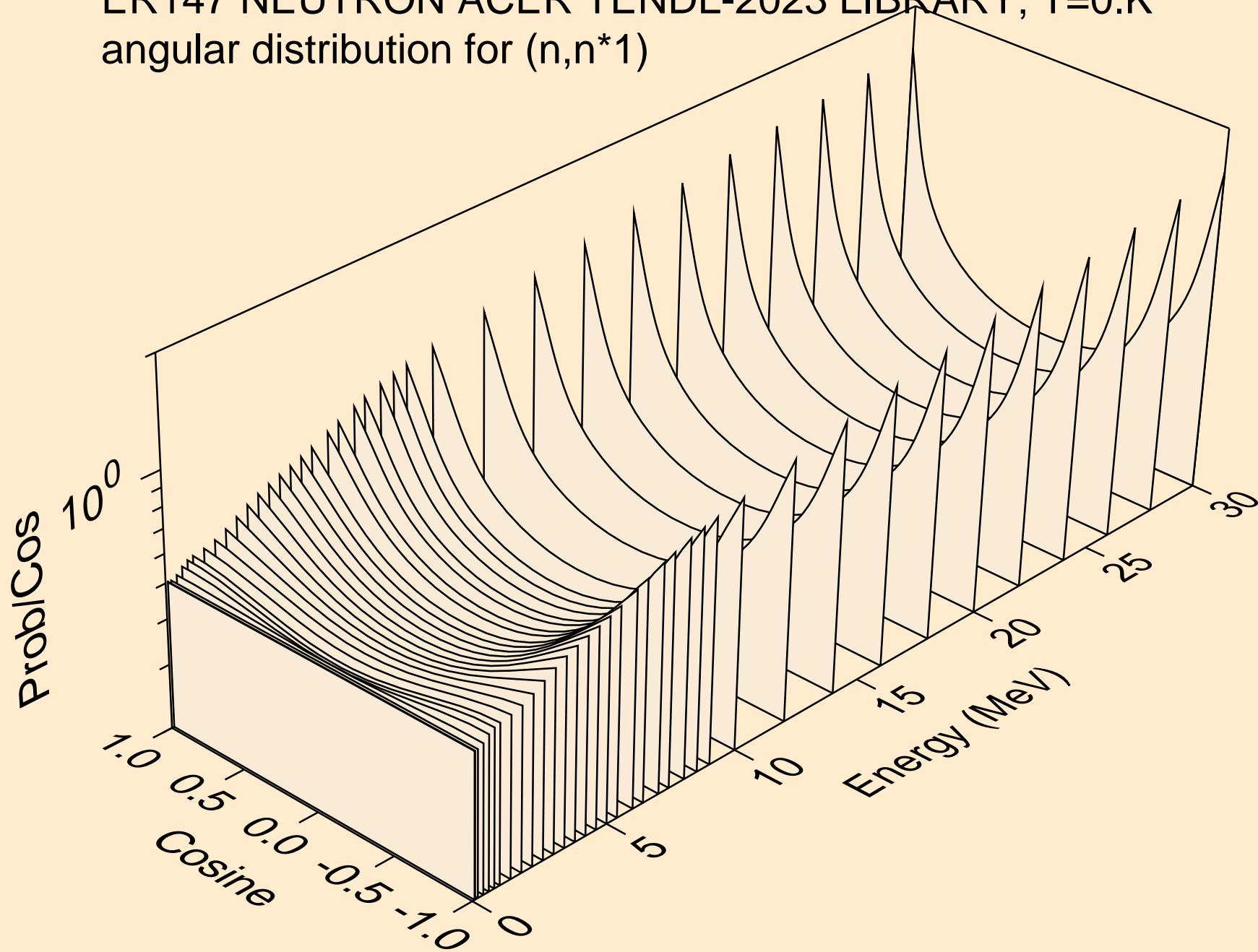
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



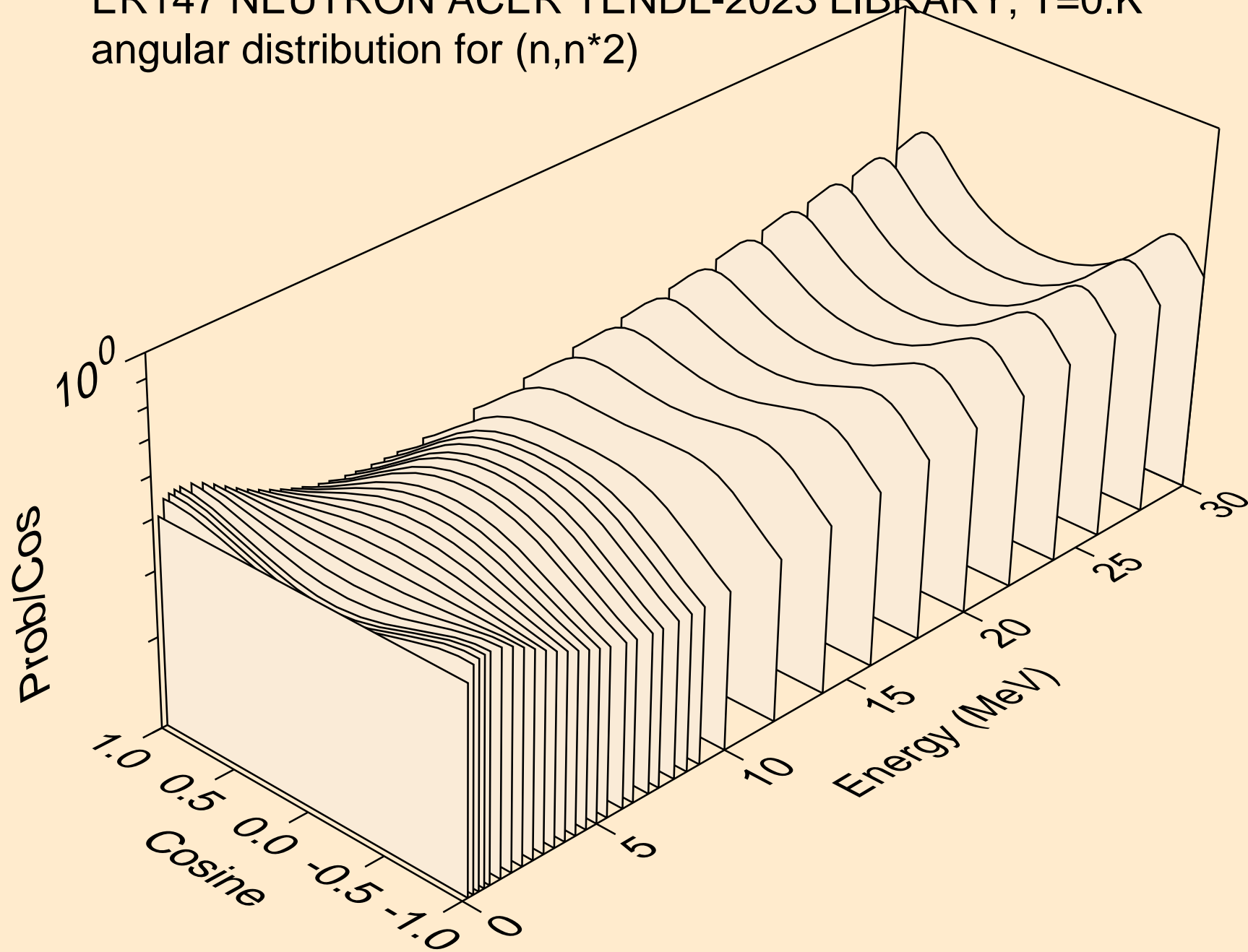
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



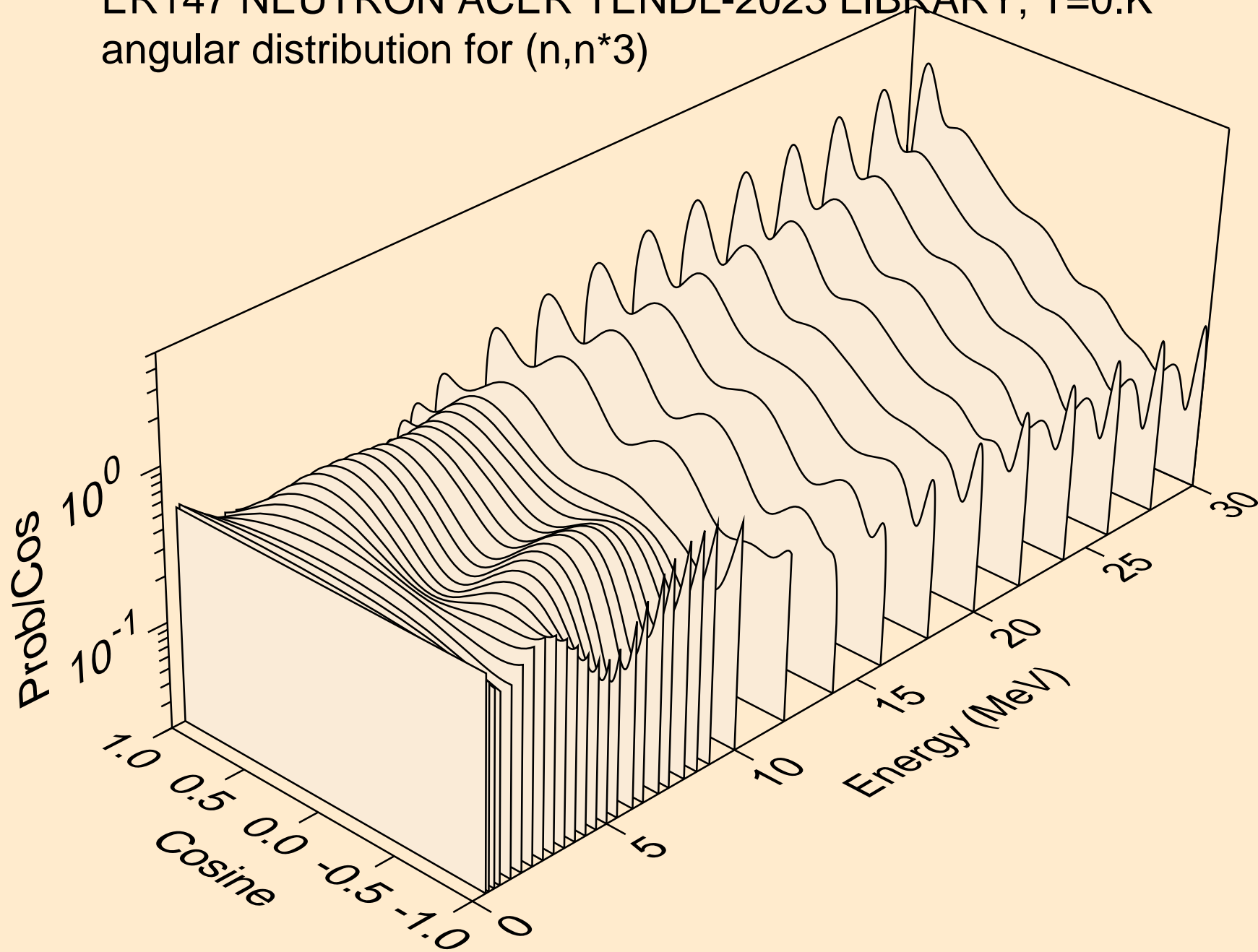
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



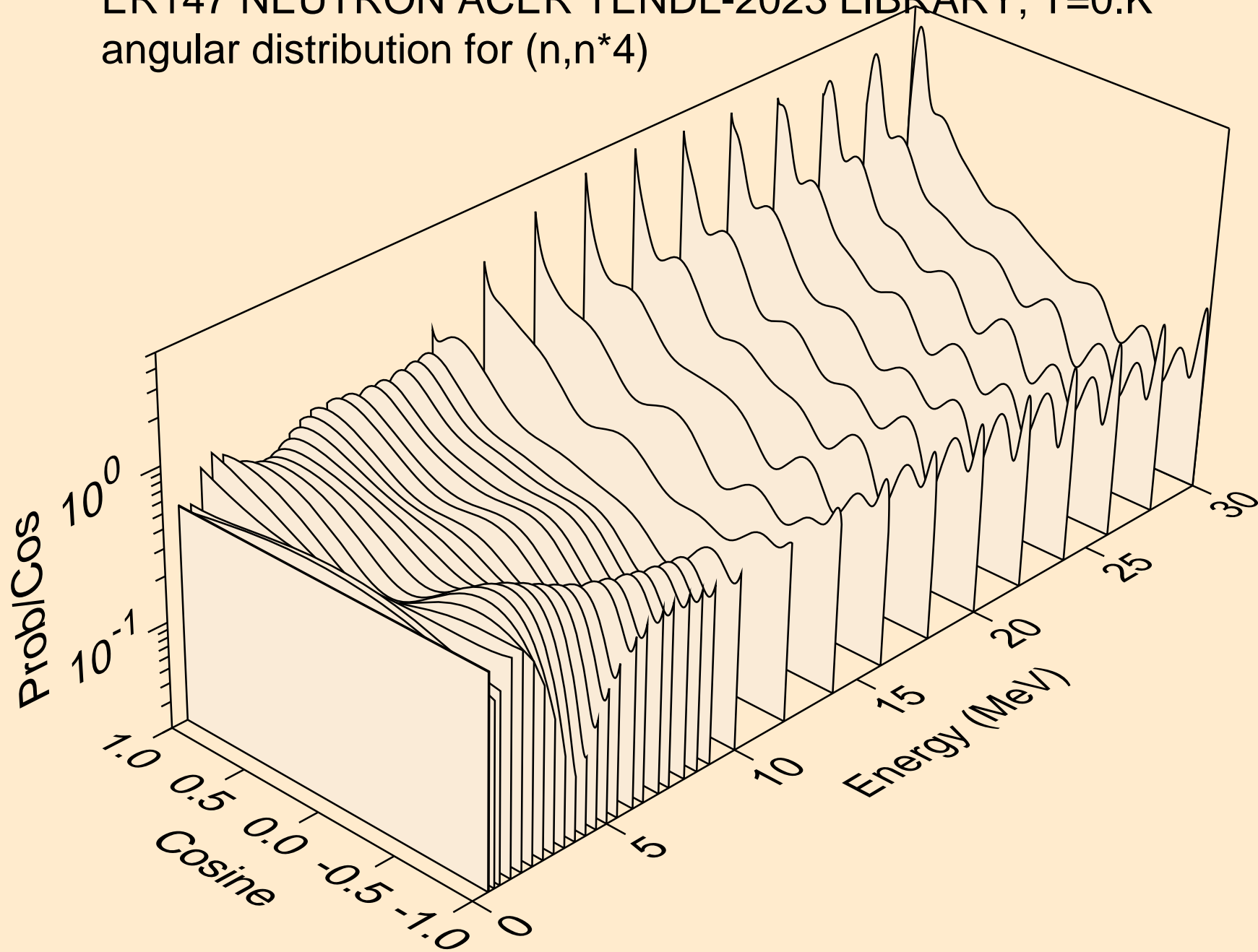
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angular distribution for (n,n*2)



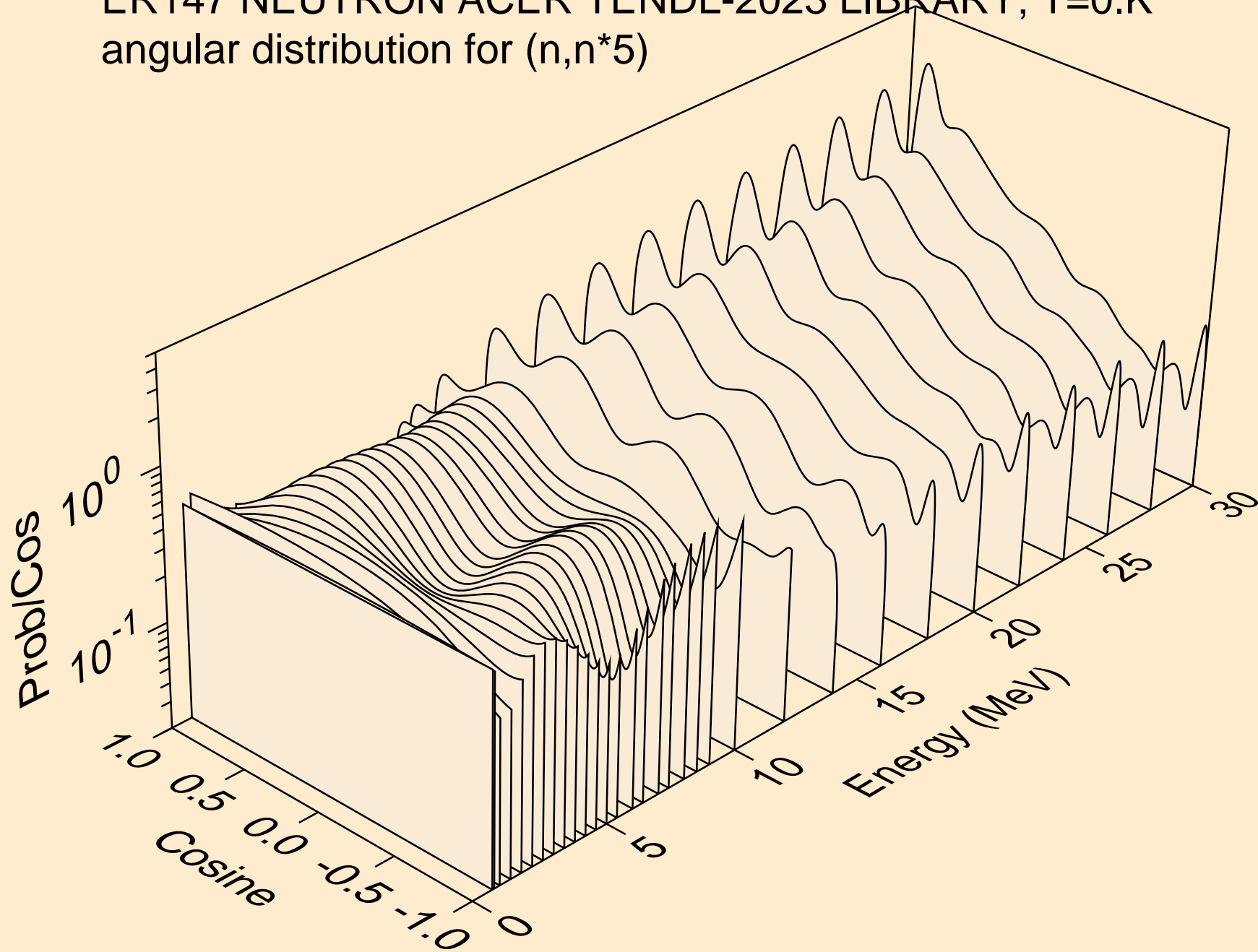
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angular distribution for (n,n*3)



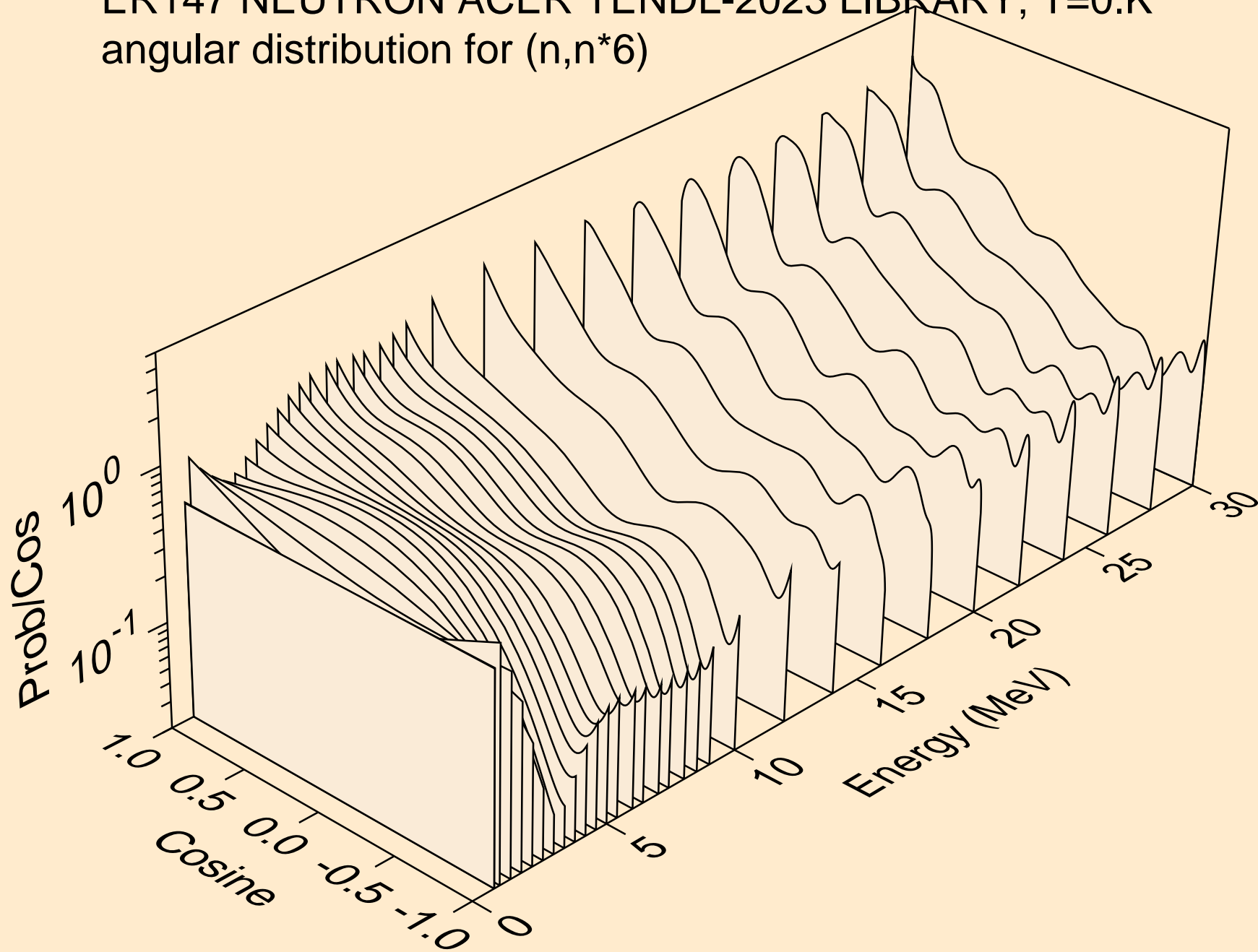
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



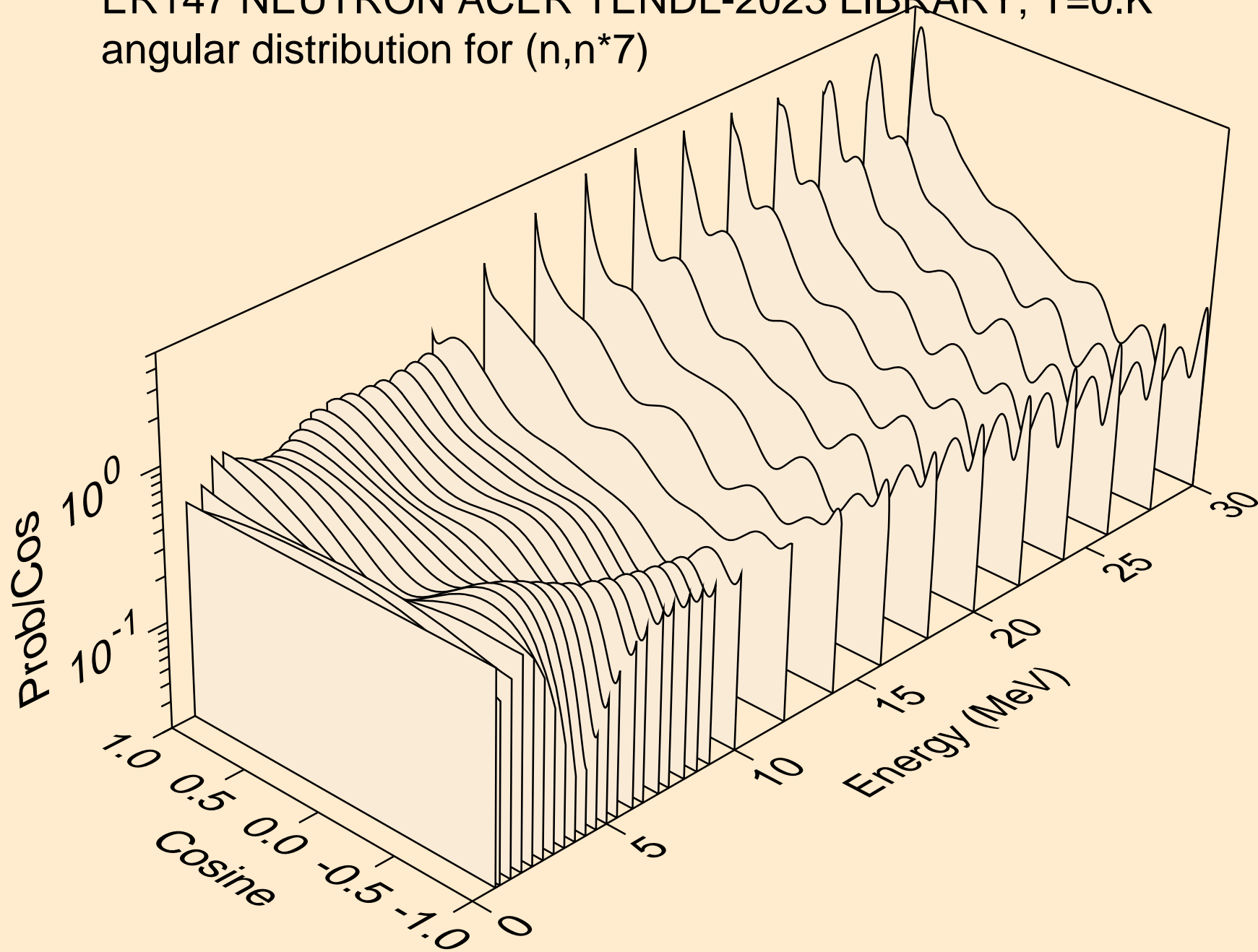
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



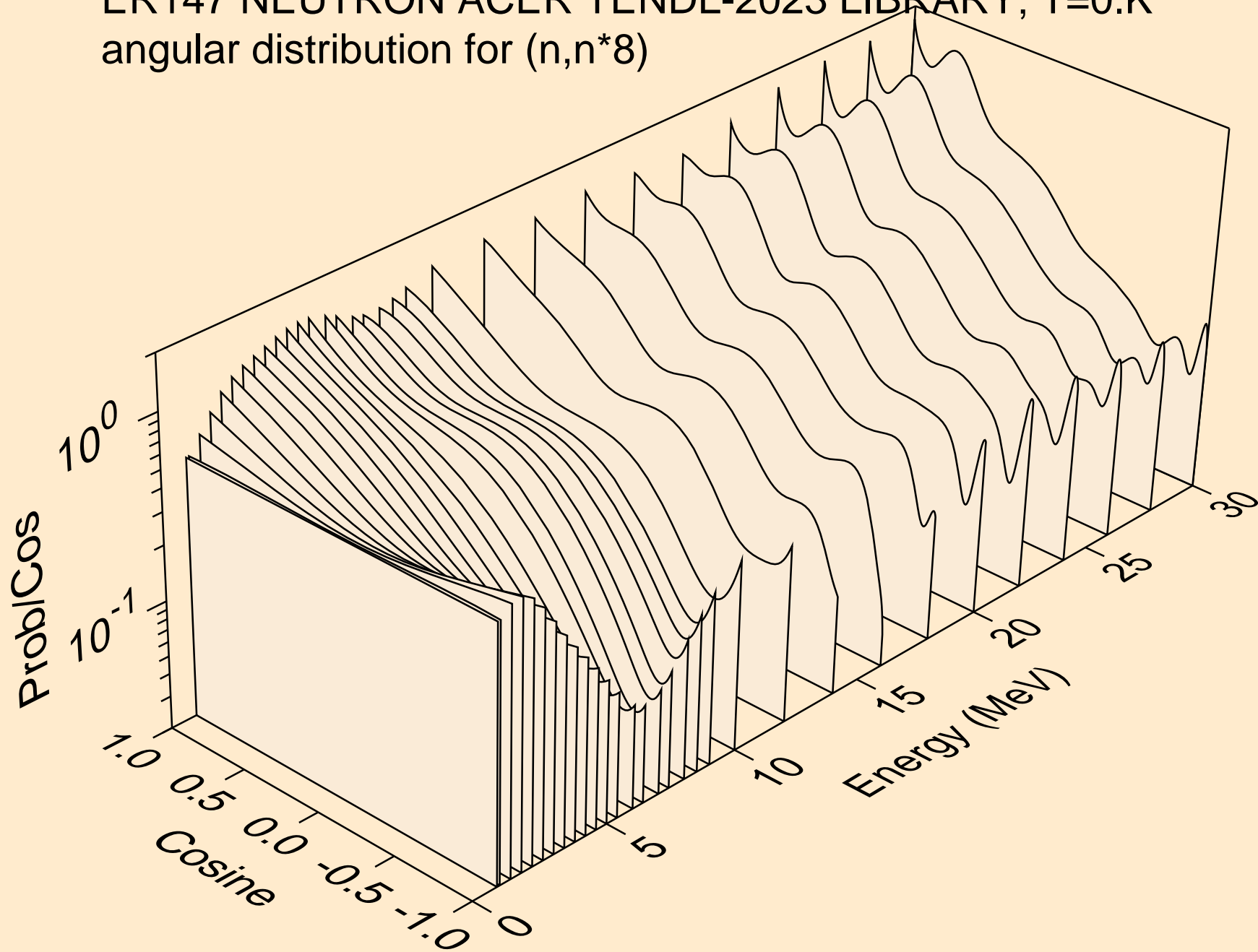
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angular distribution for (n,n*6)



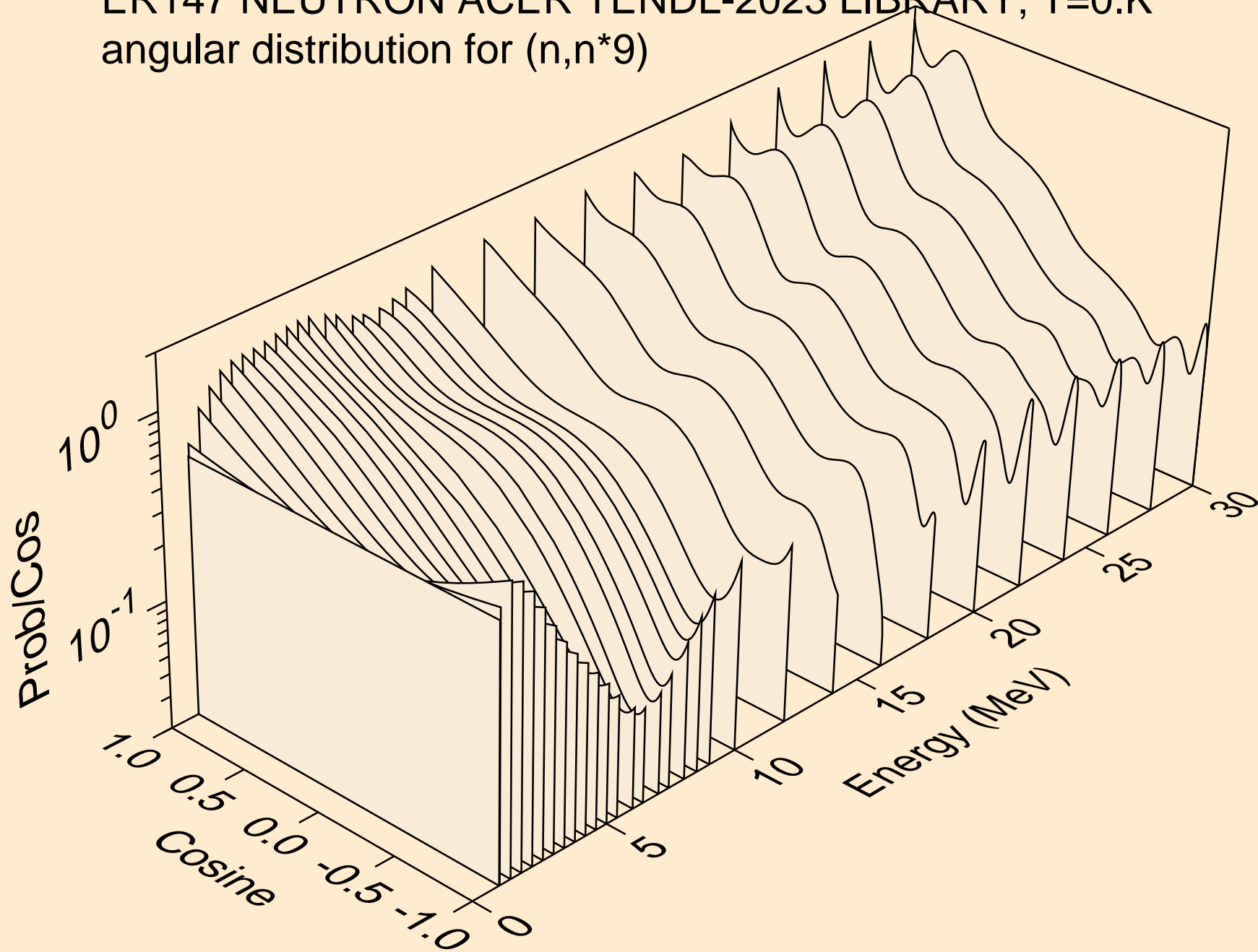
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



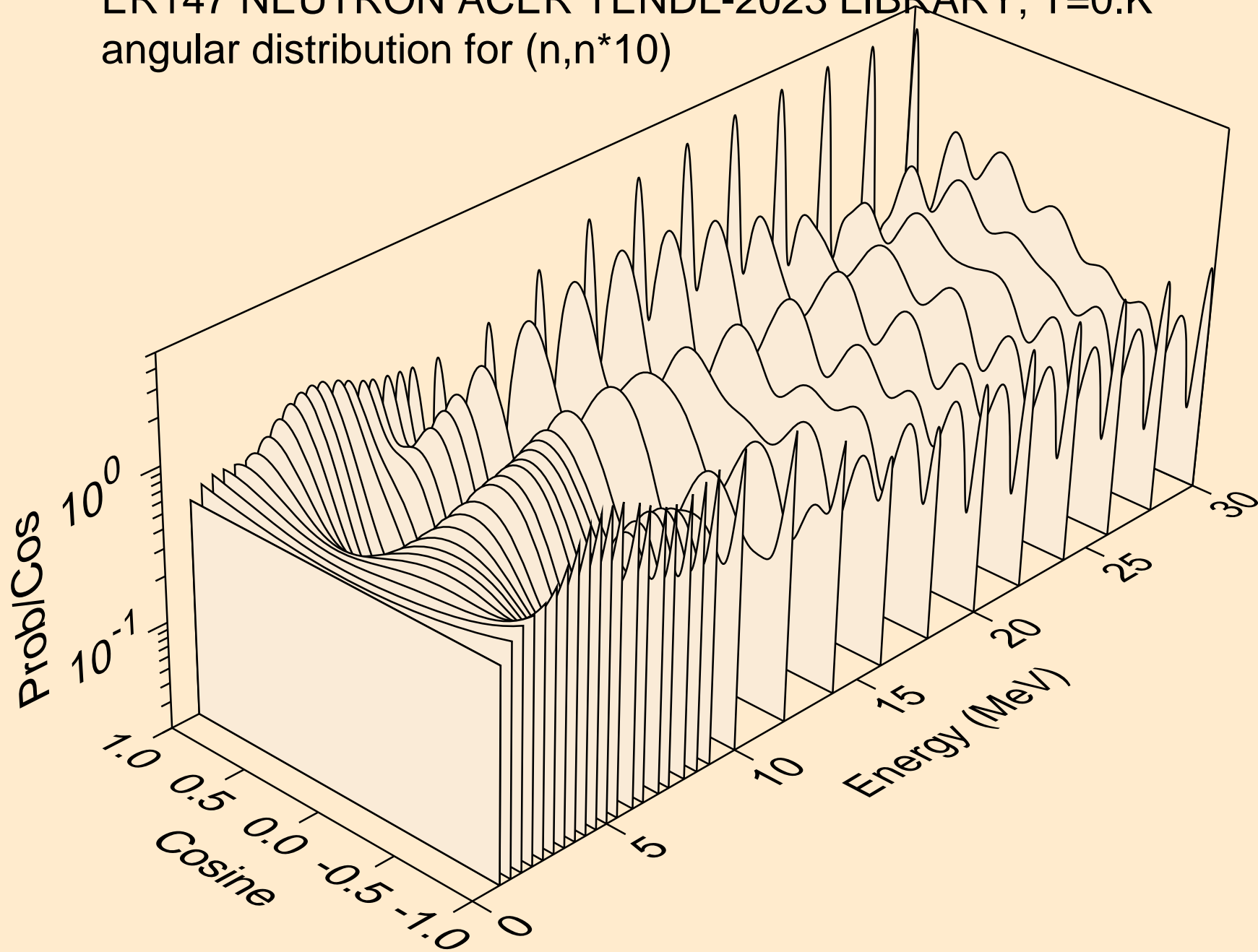
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



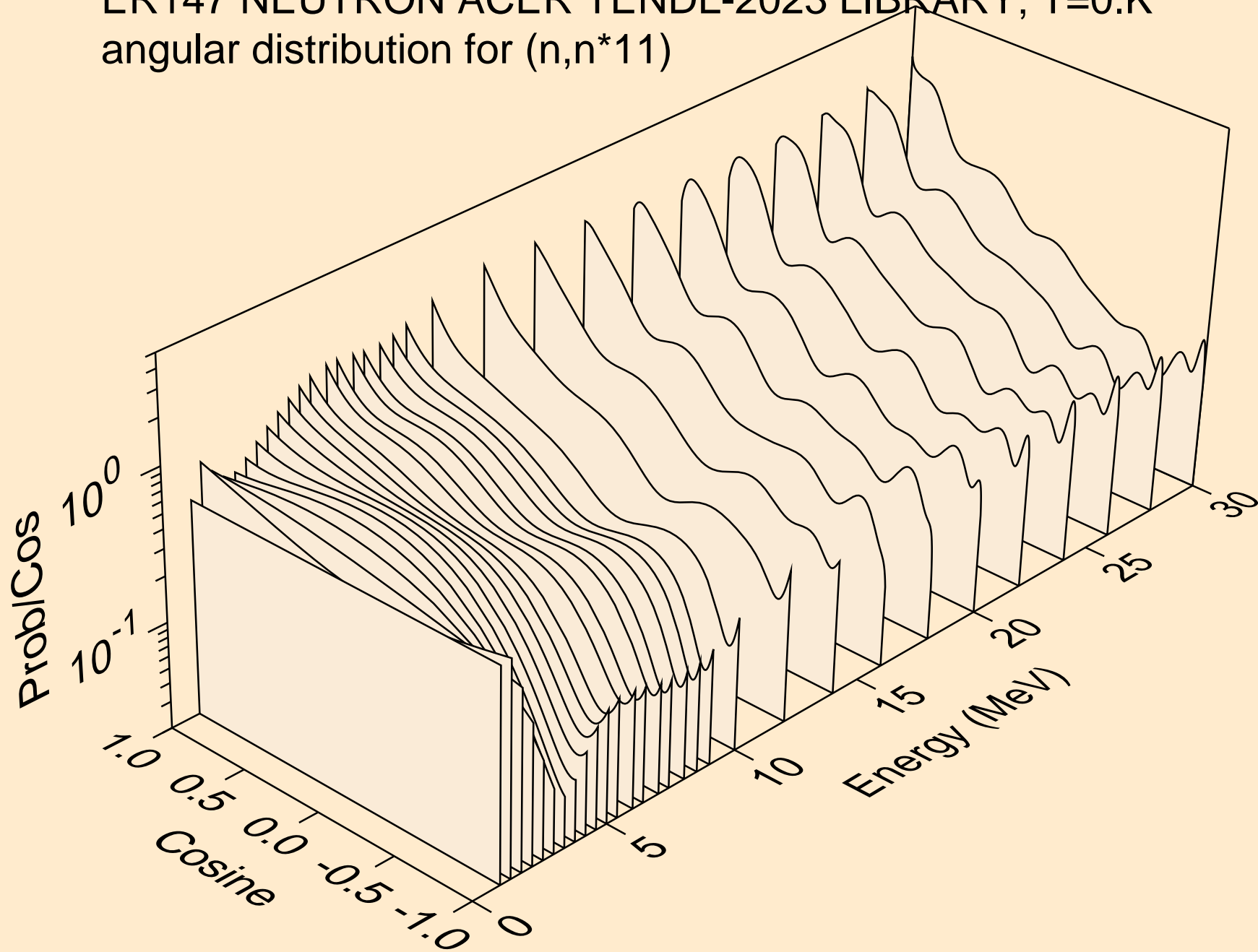
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angular distribution for (n,n*9)



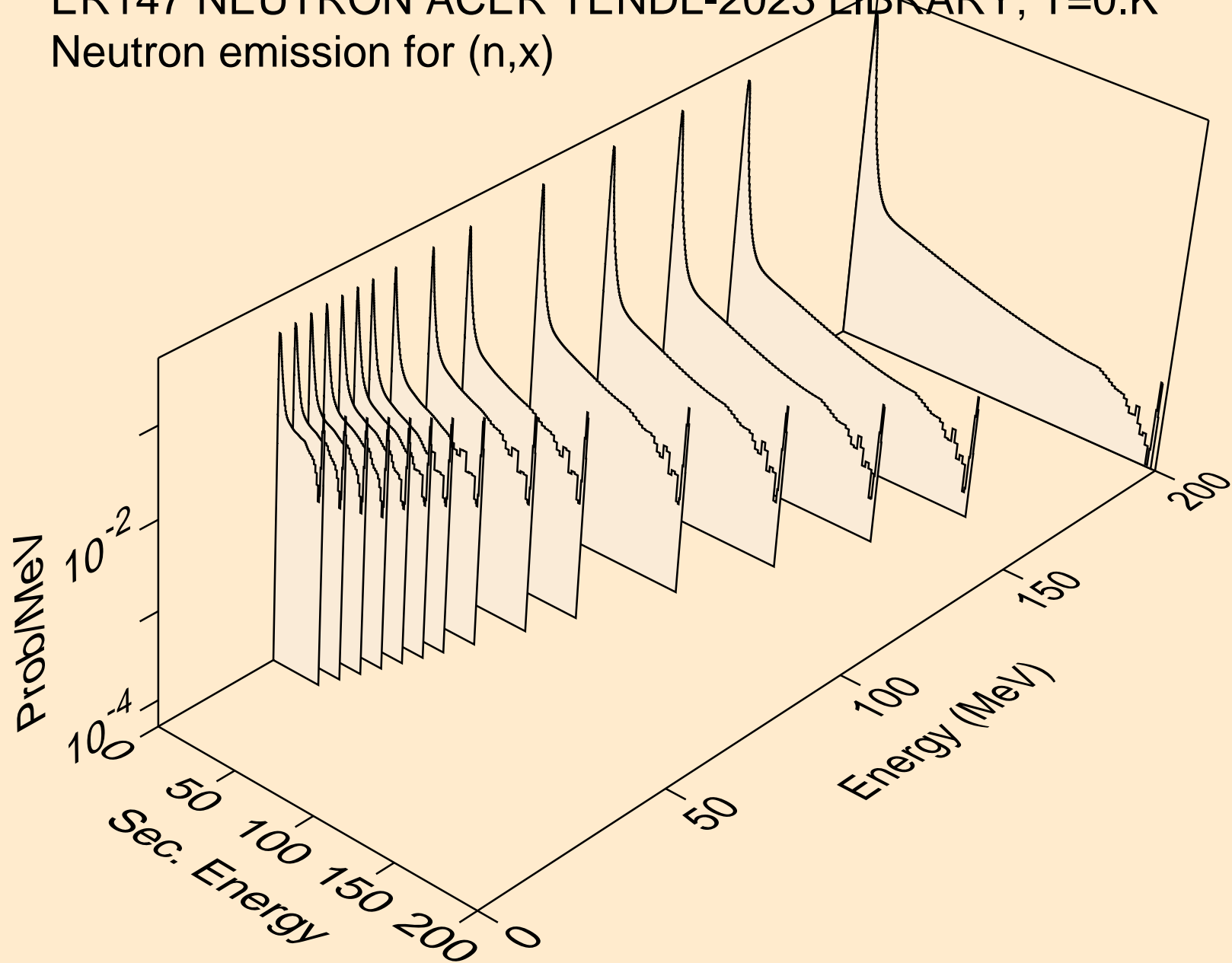
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angular distribution for (n,n*10)



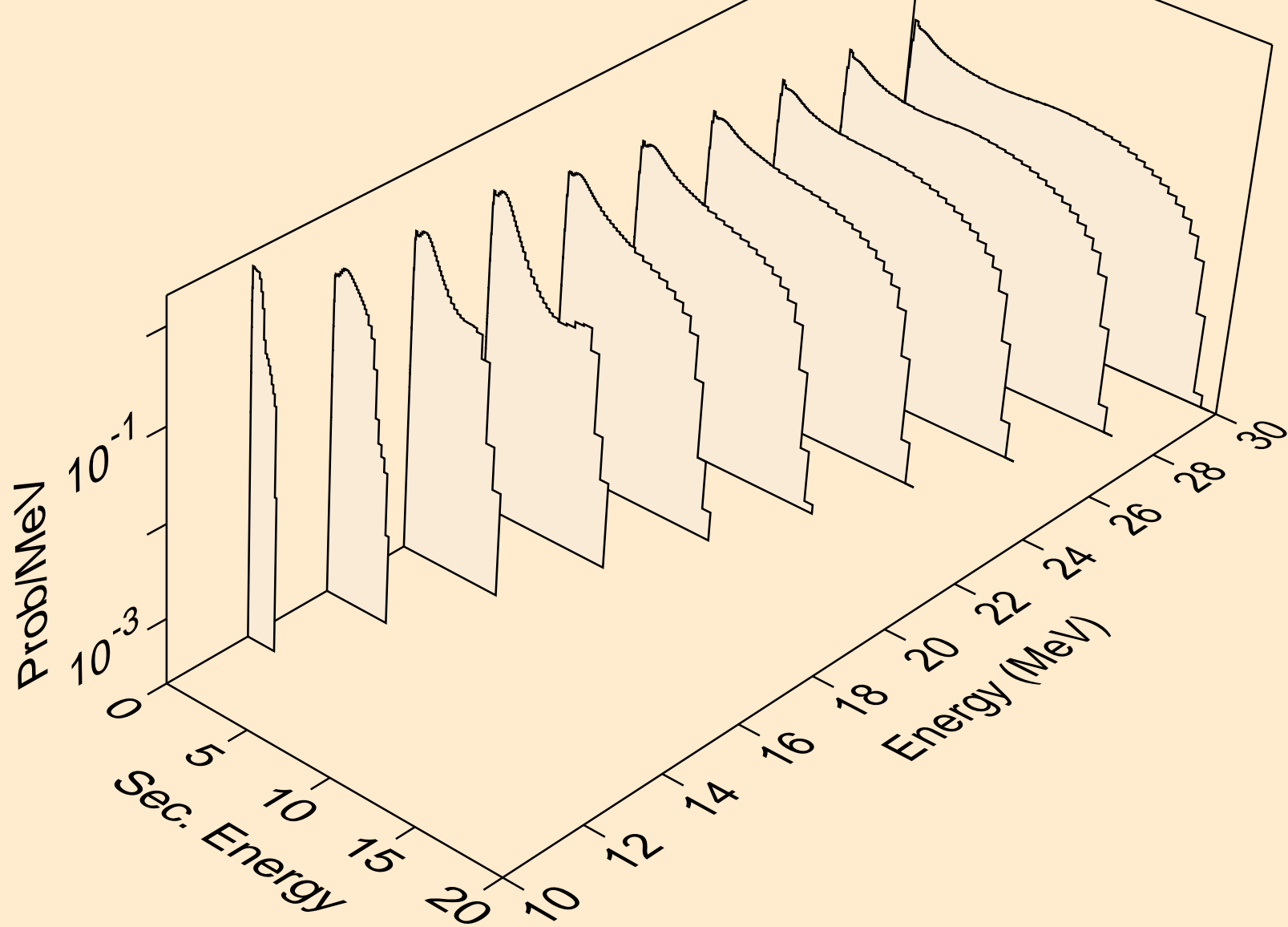
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*11)



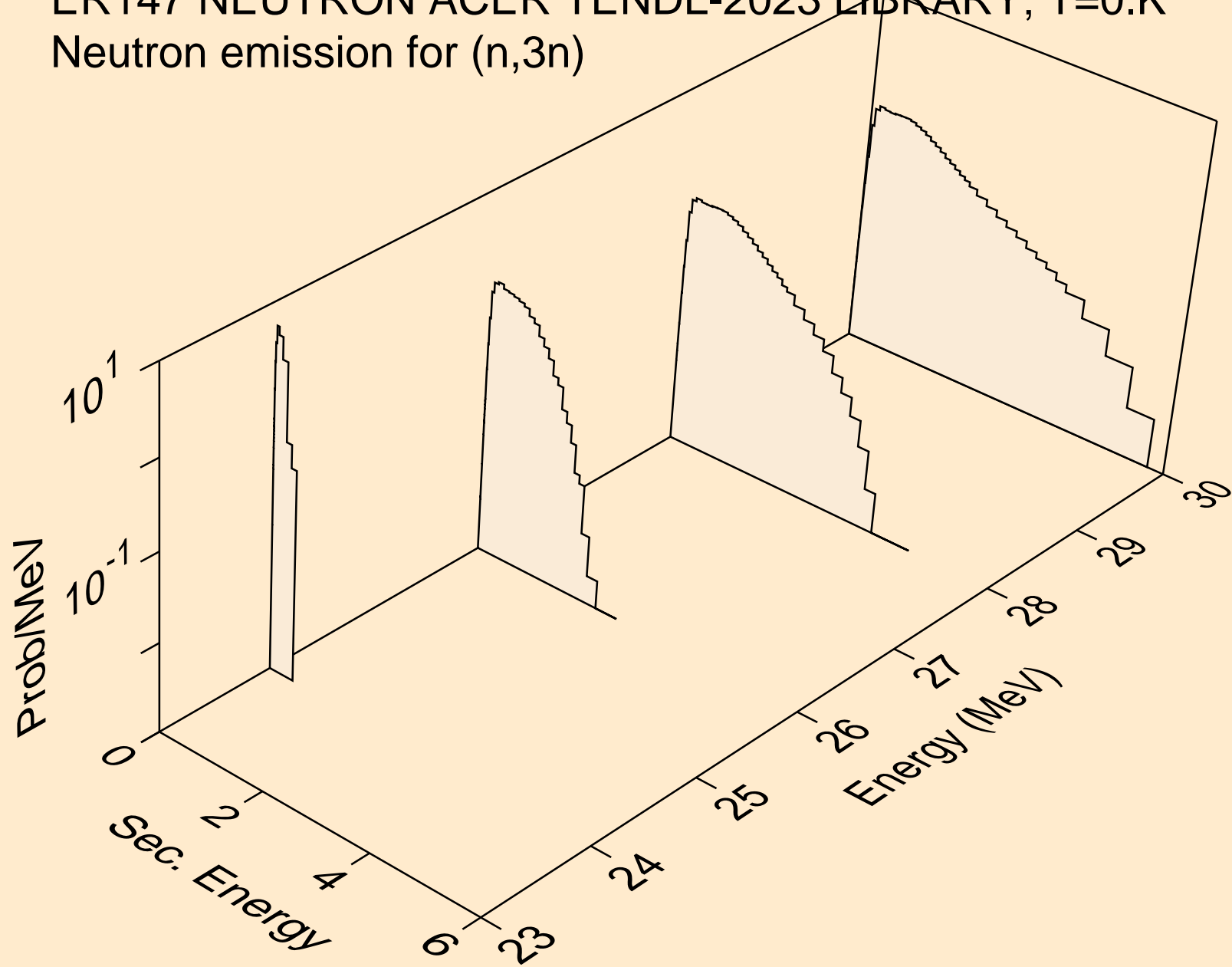
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



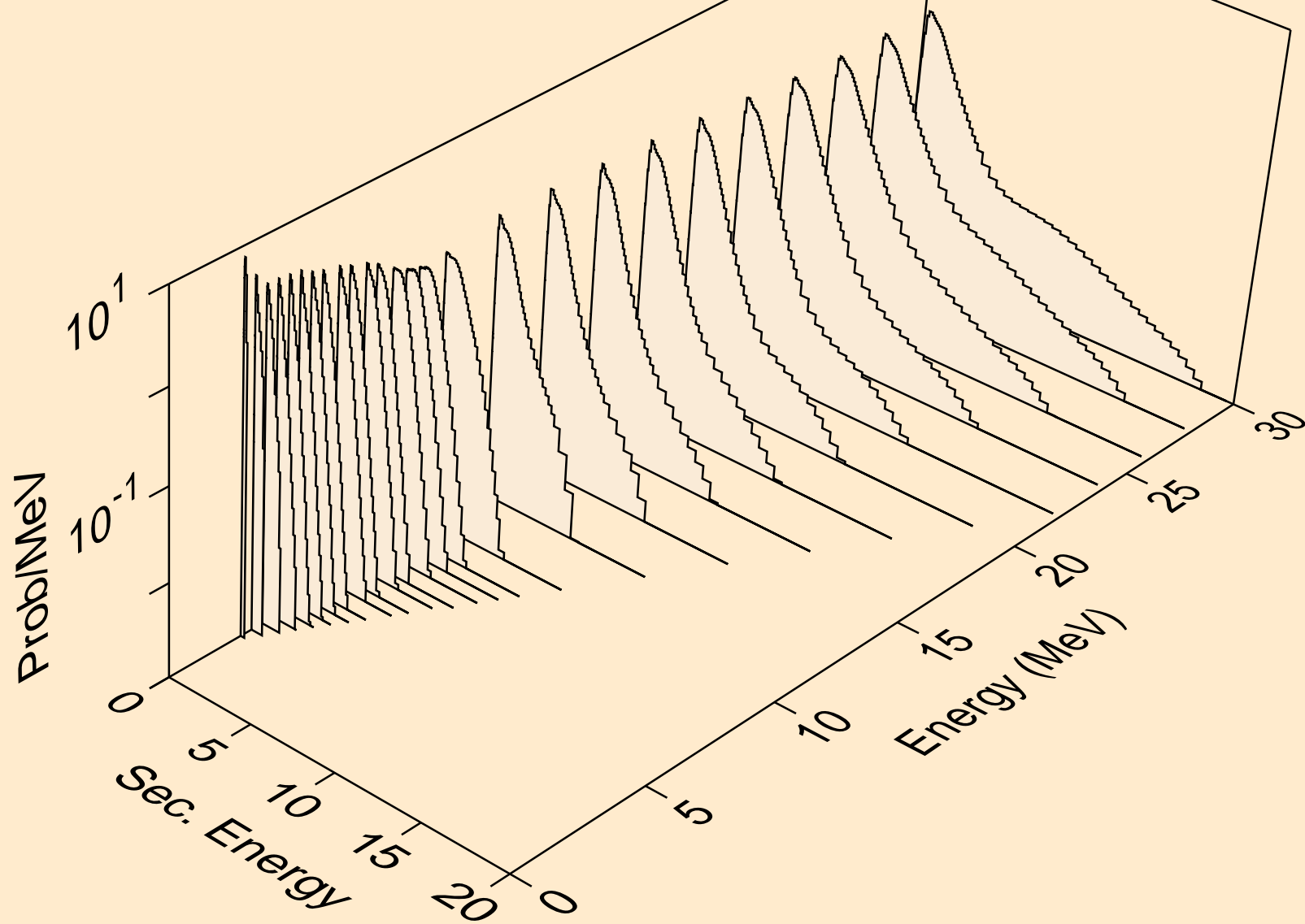
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



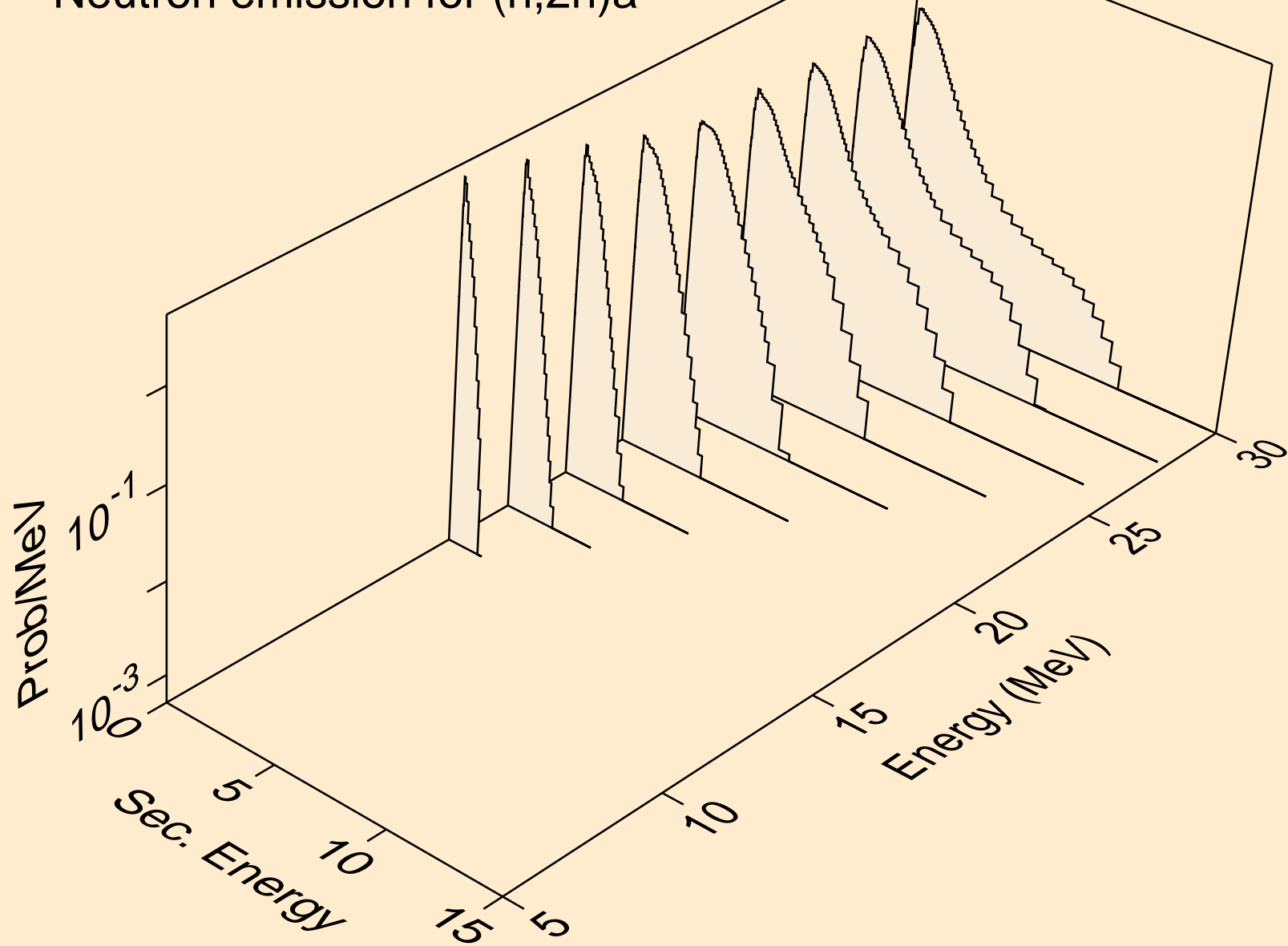
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



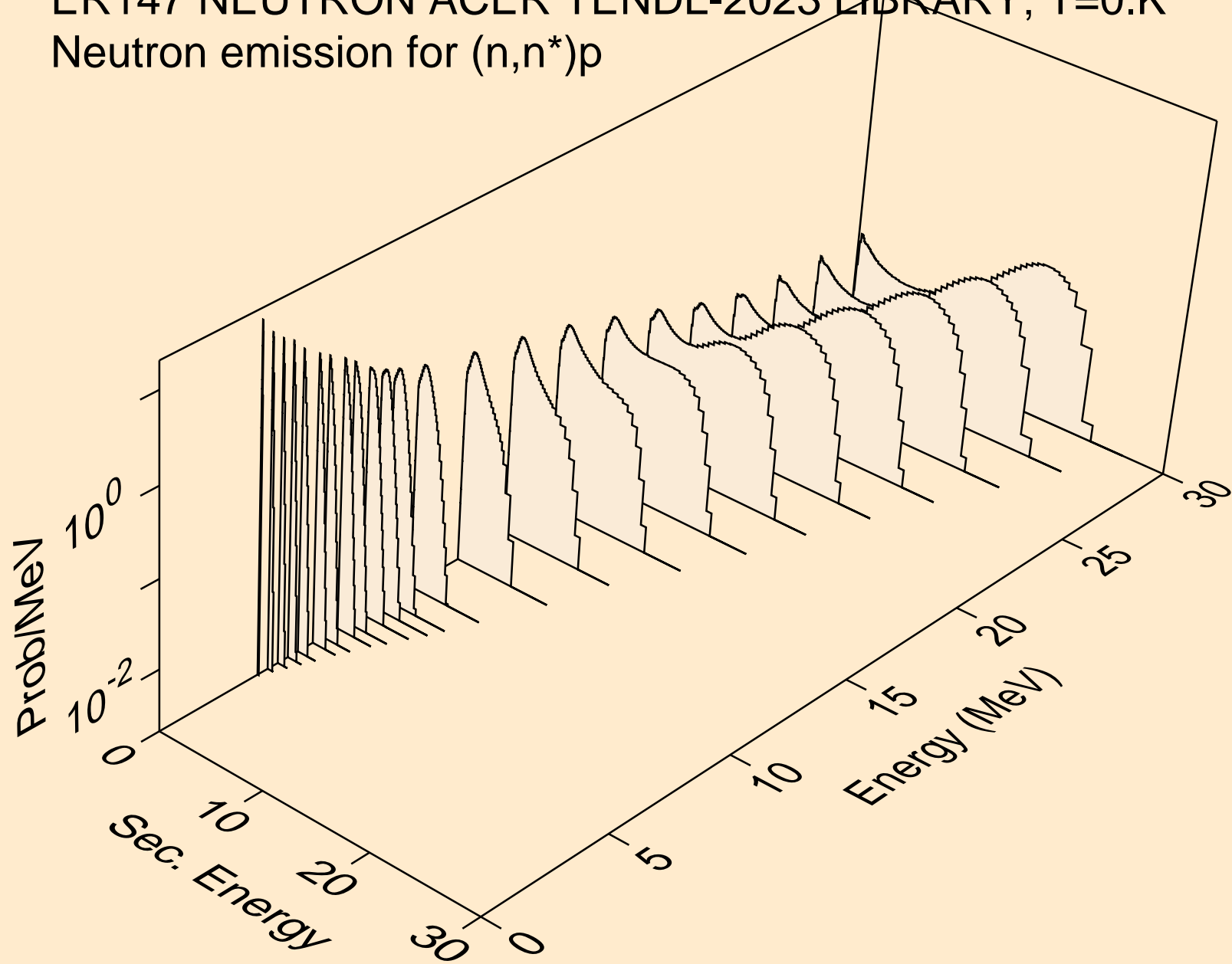
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



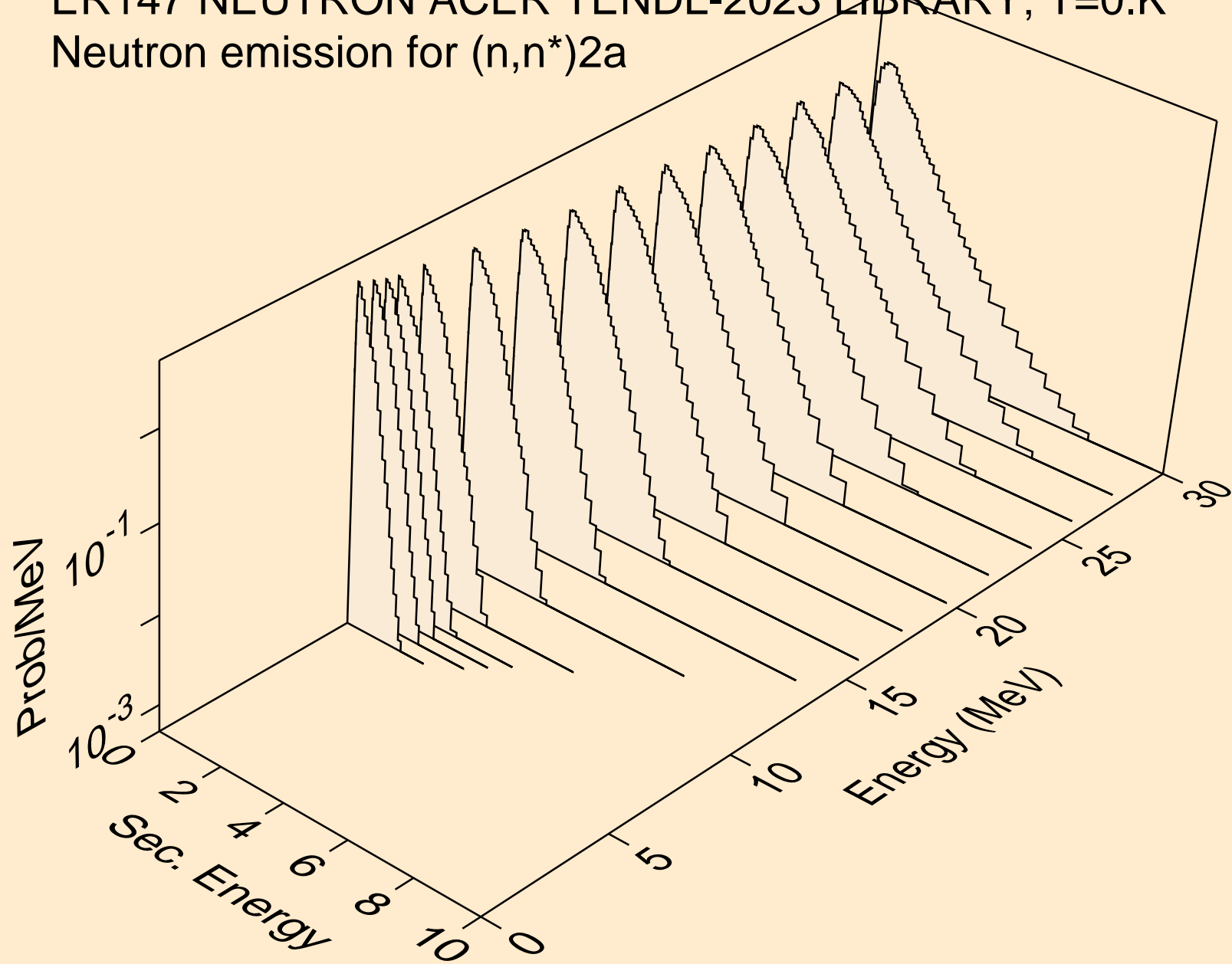
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)_a



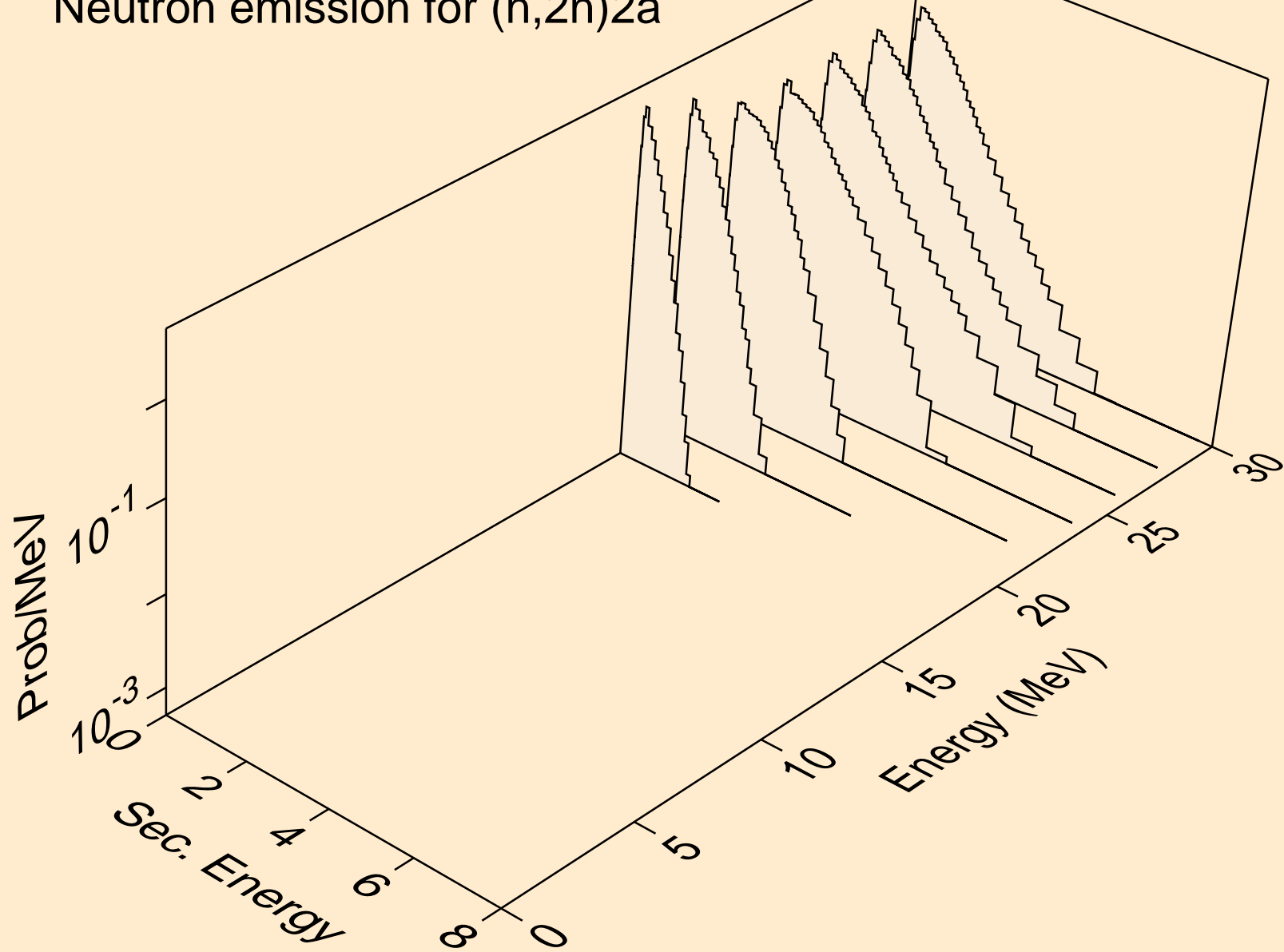
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



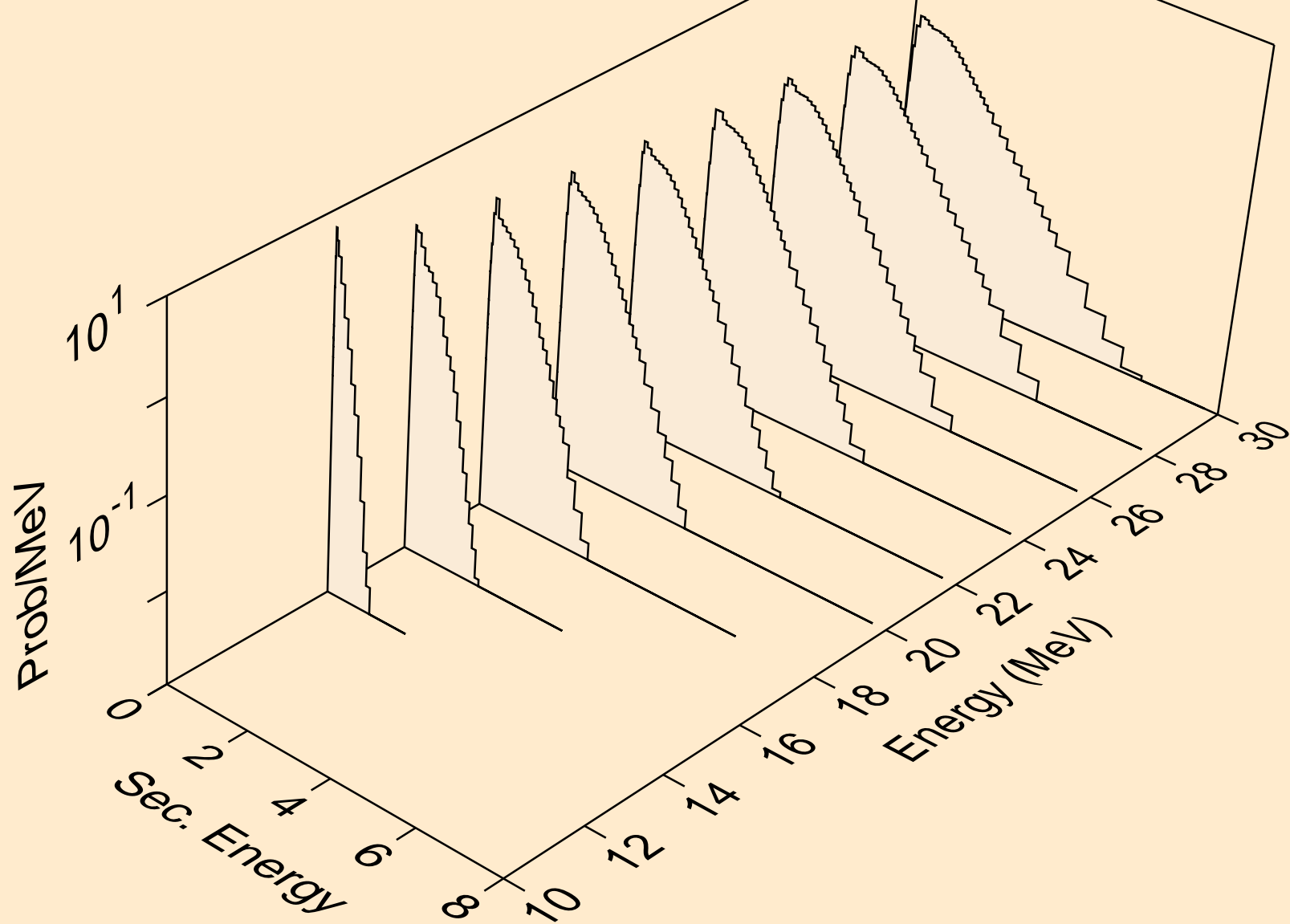
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



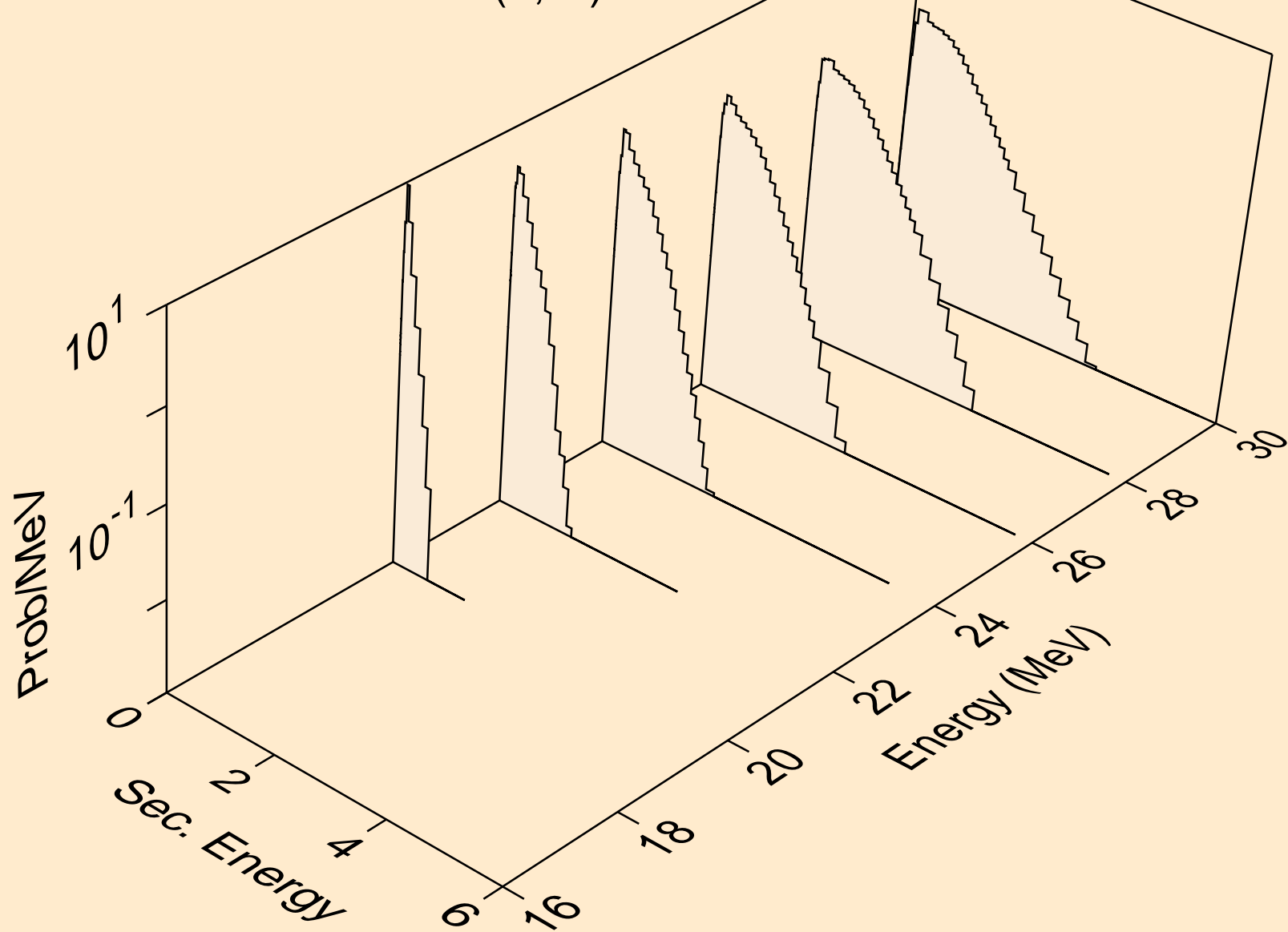
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)2a



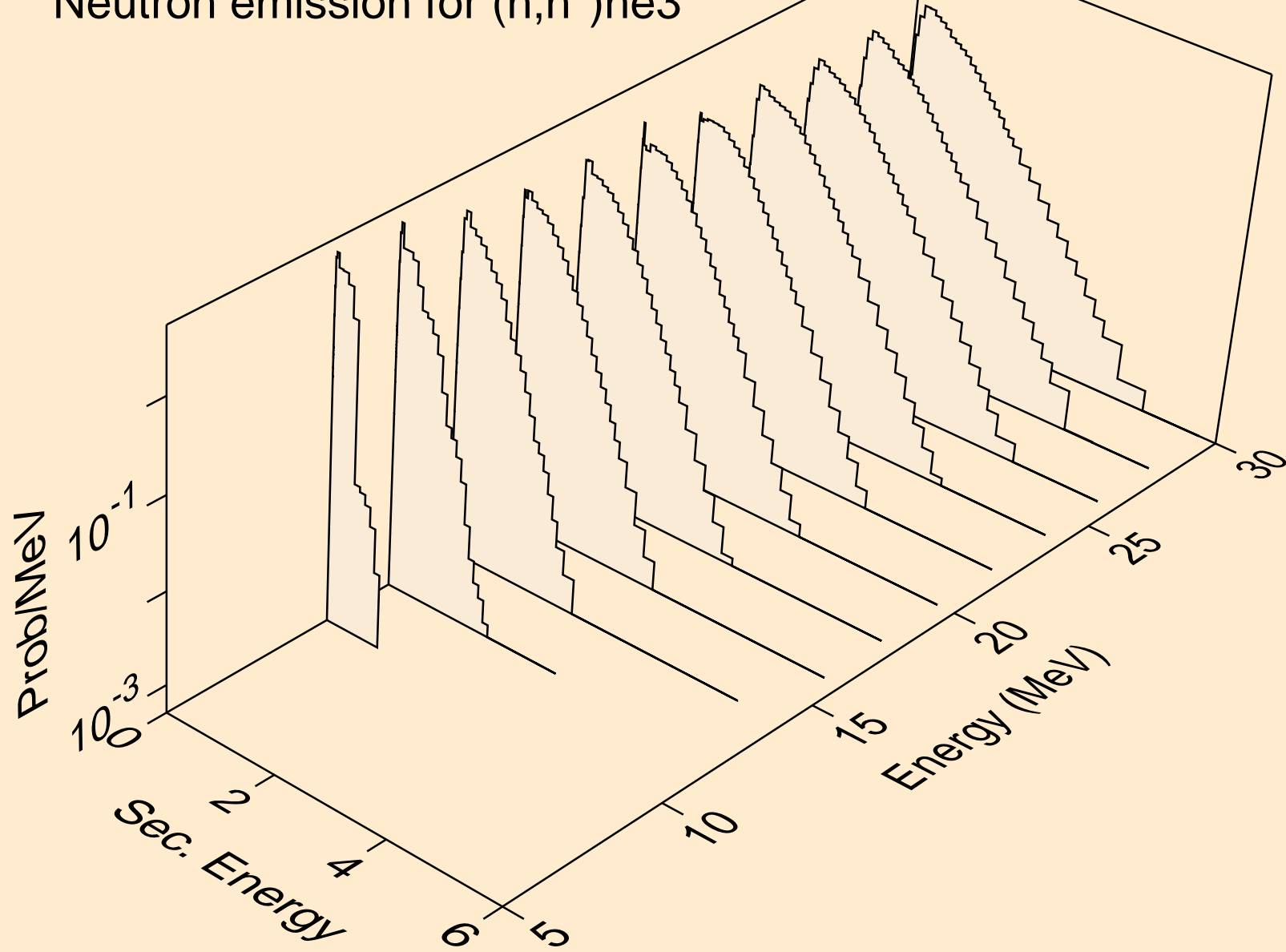
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



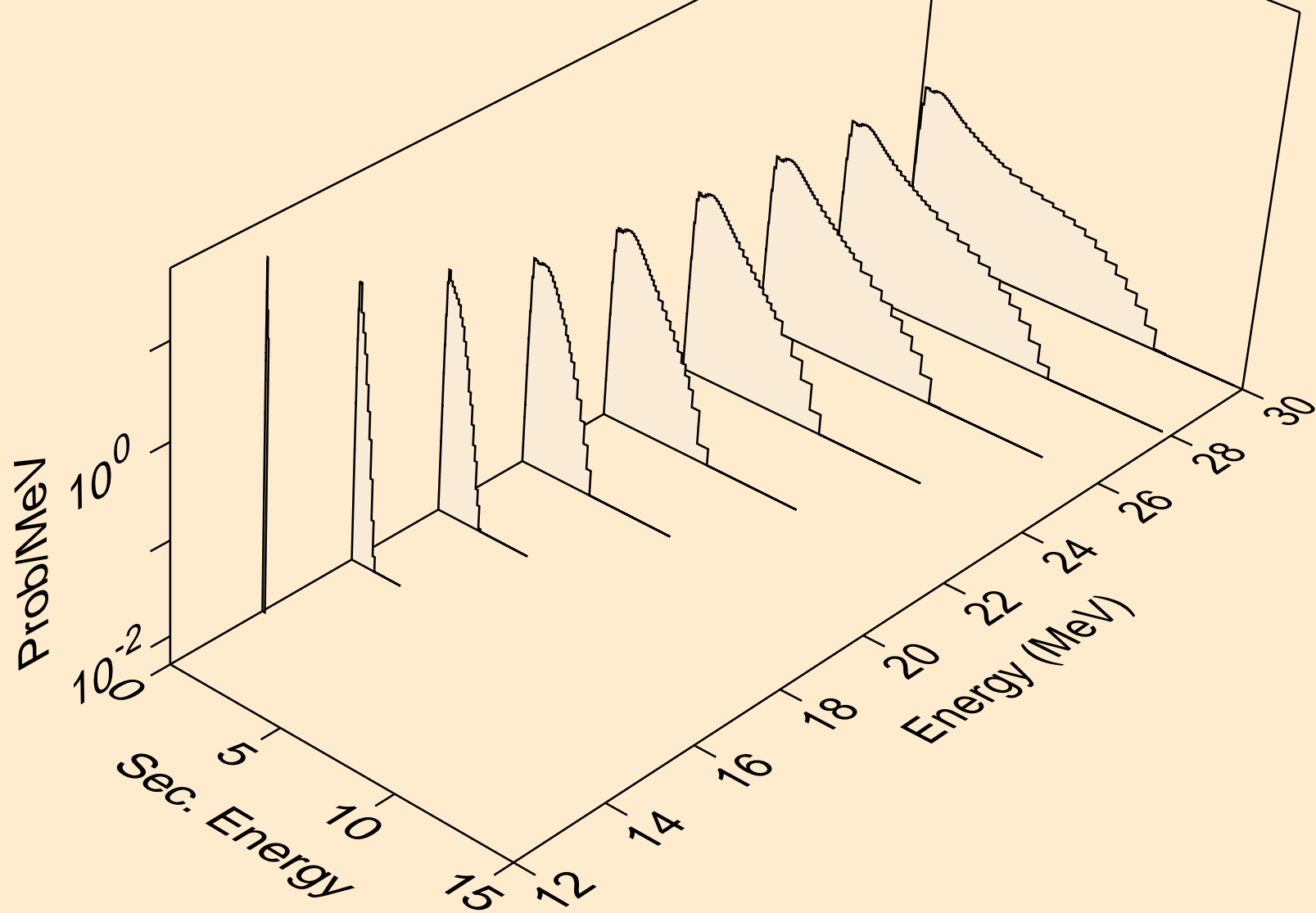
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



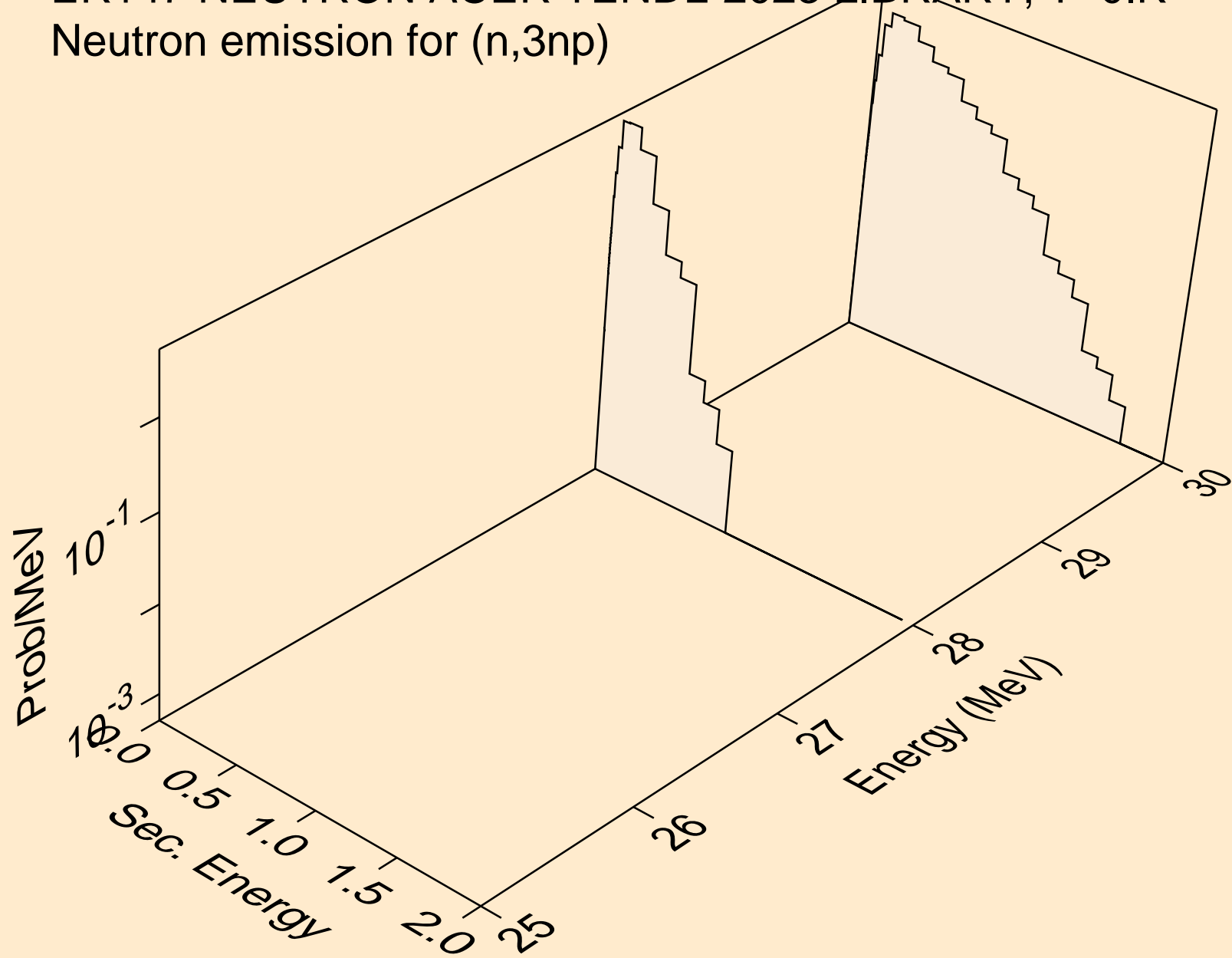
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



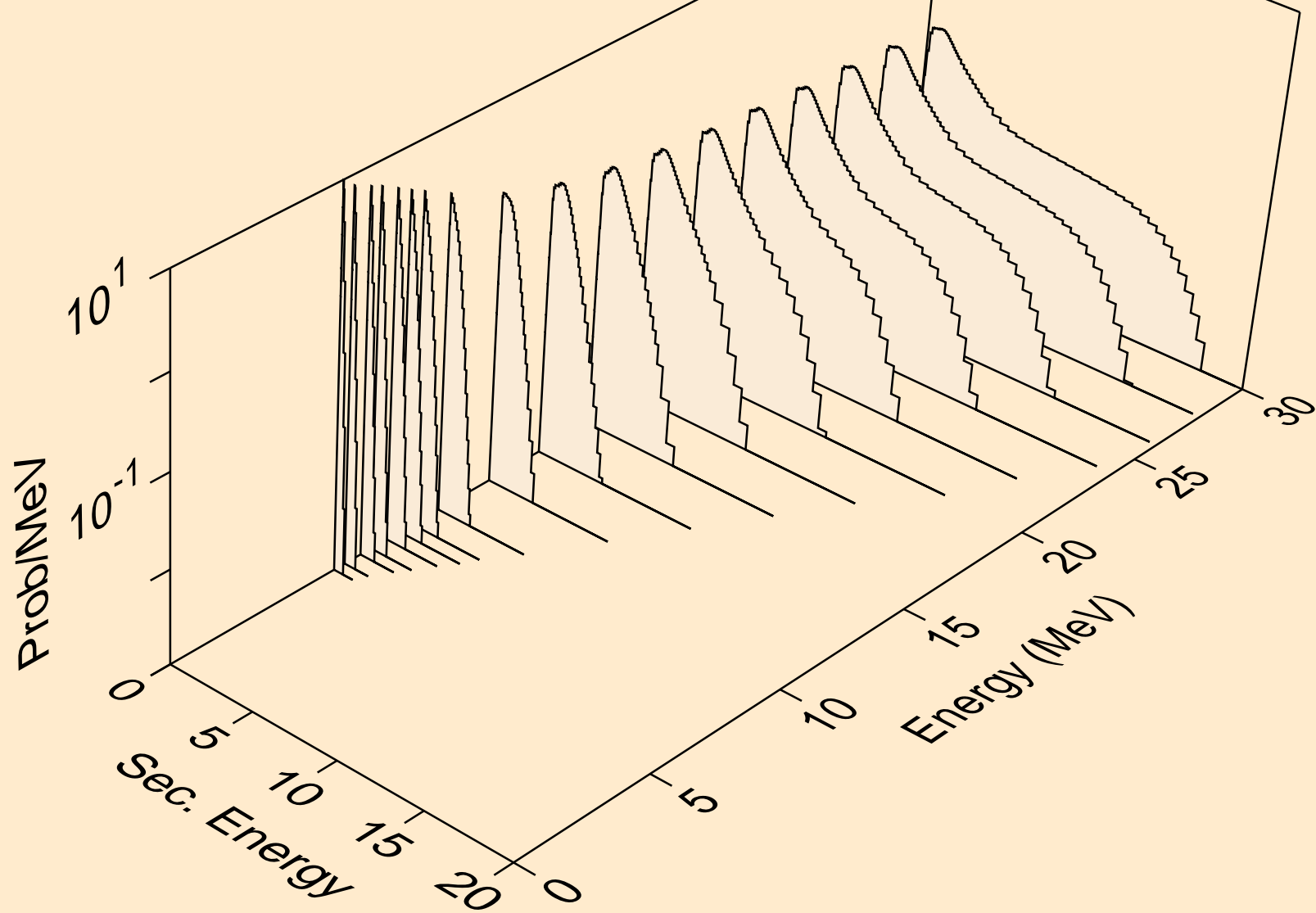
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



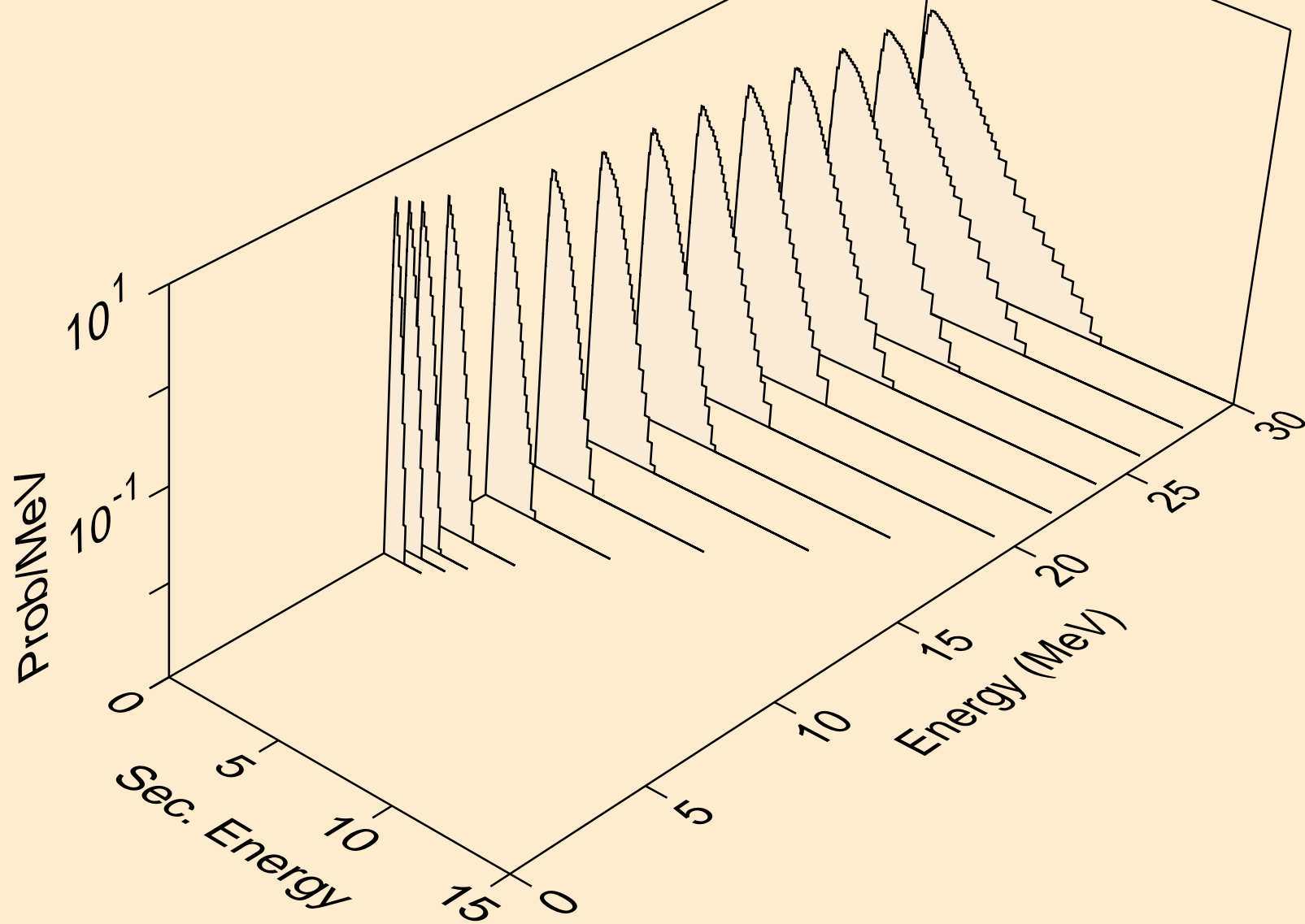
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



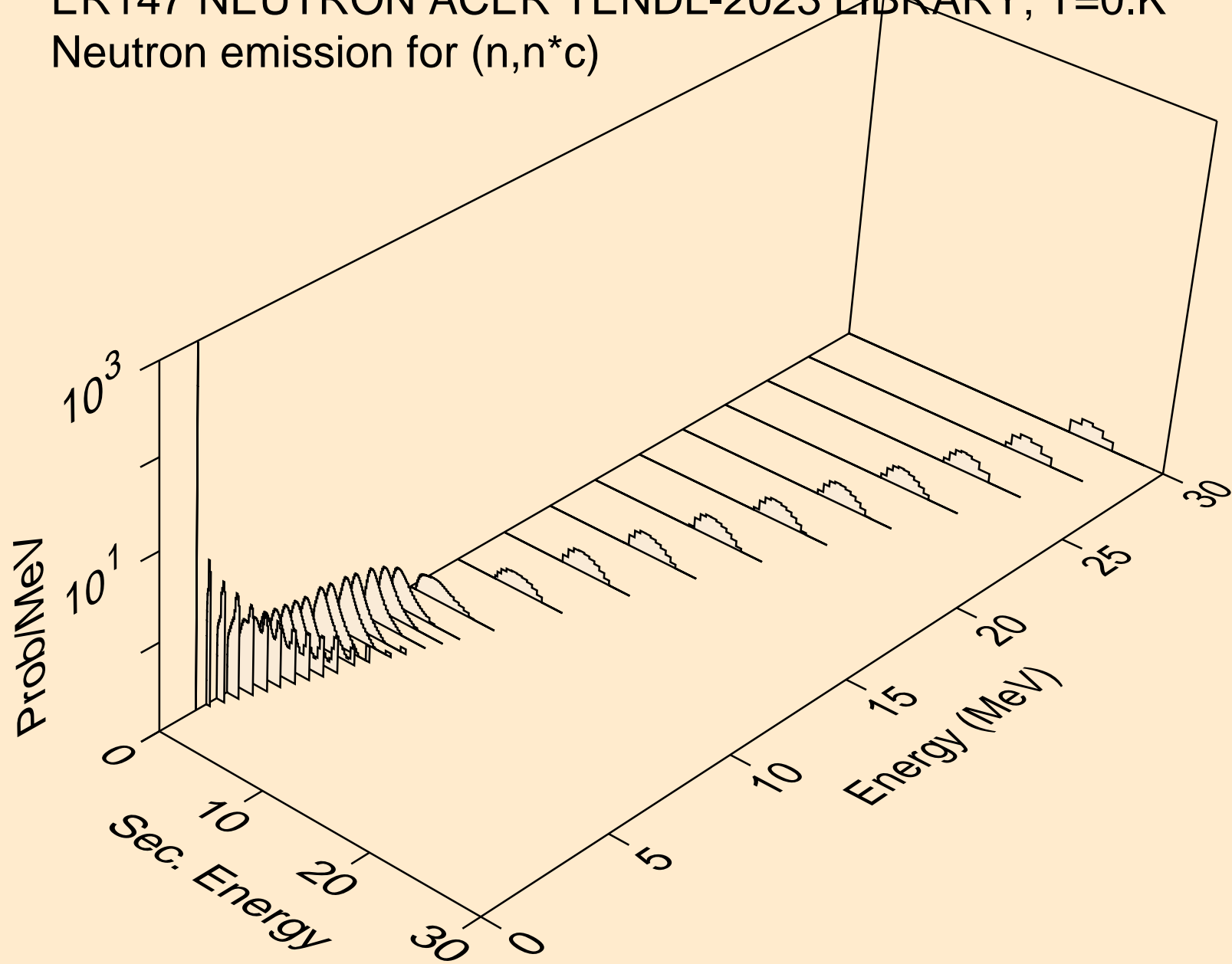
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



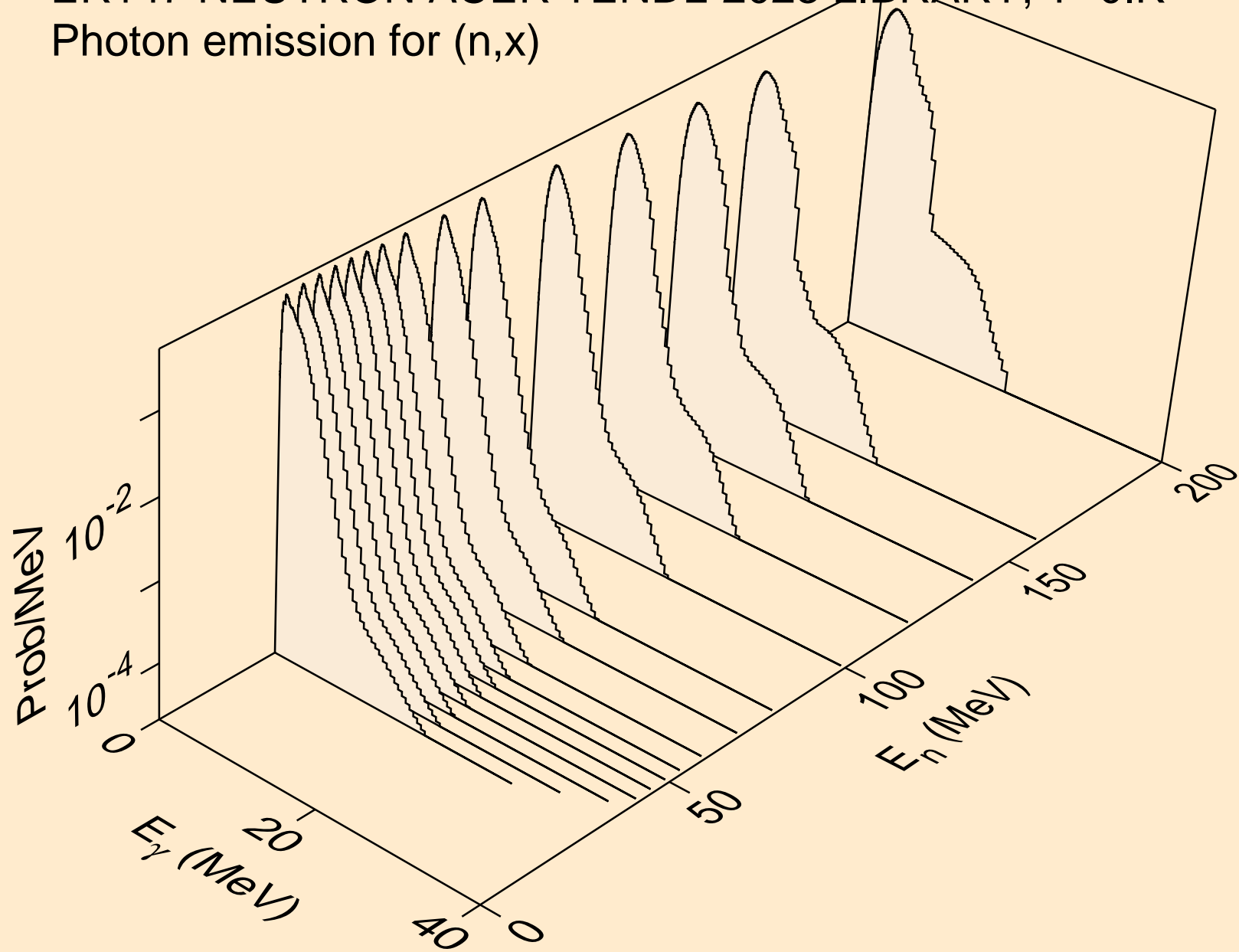
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)



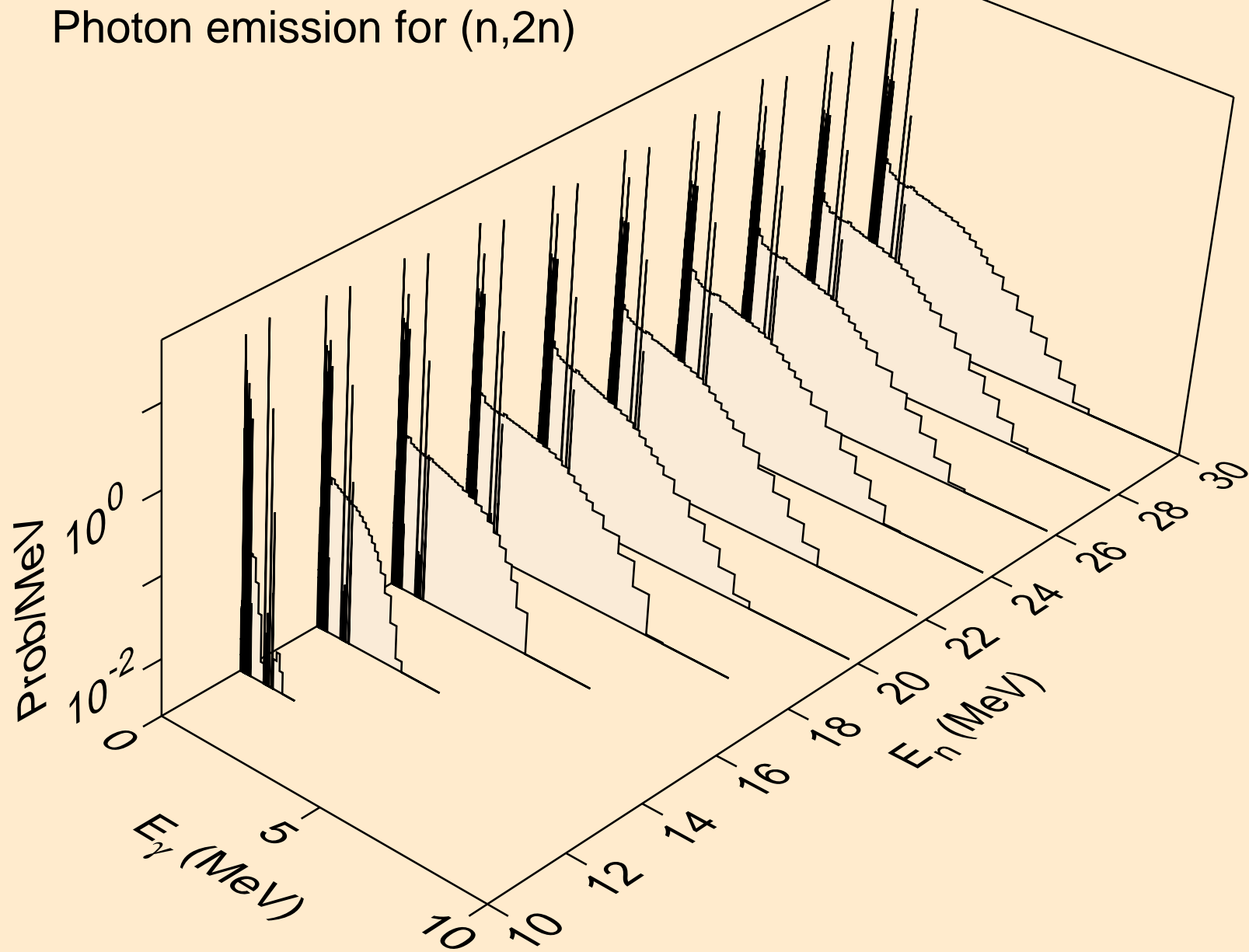
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



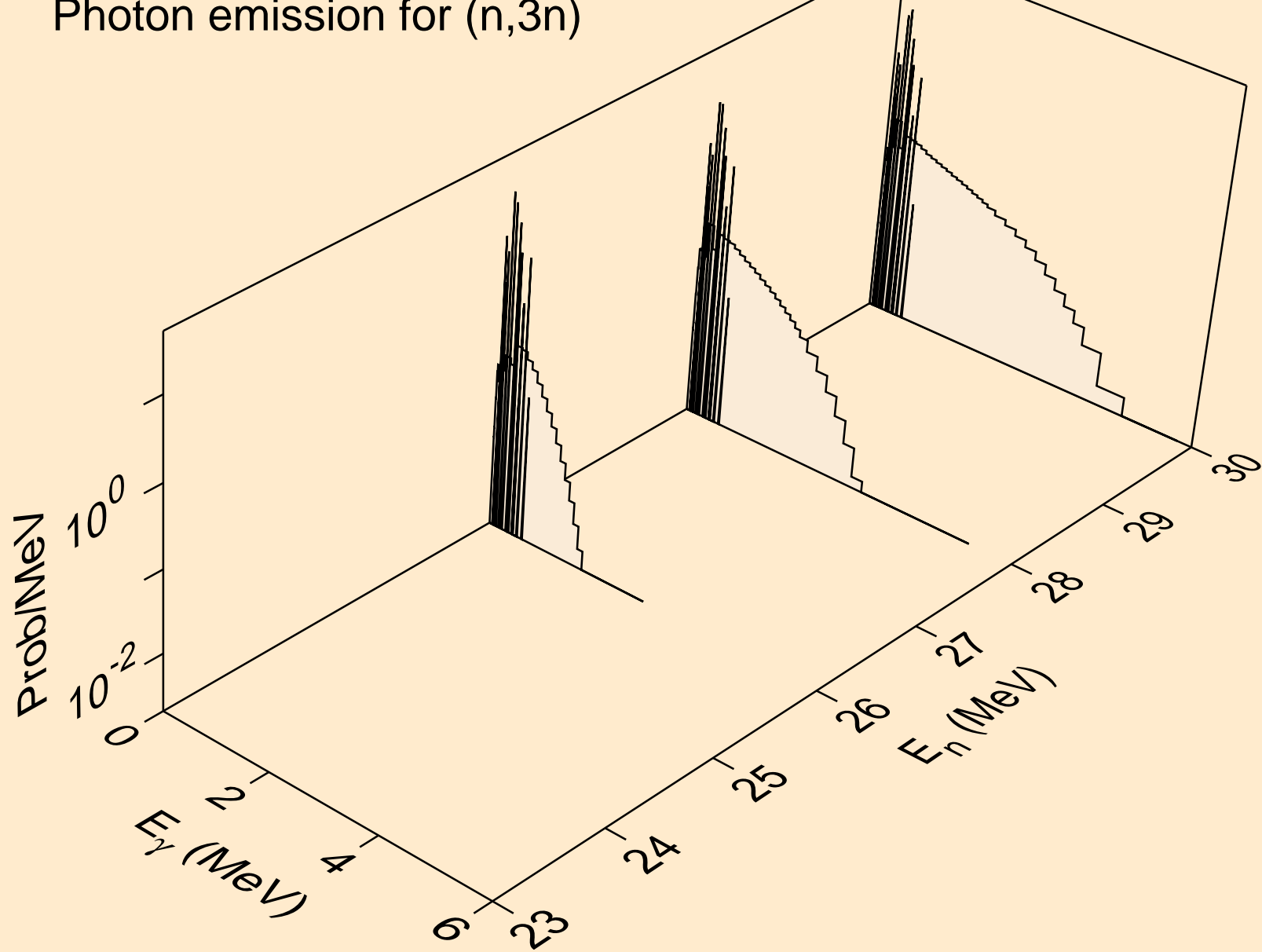
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



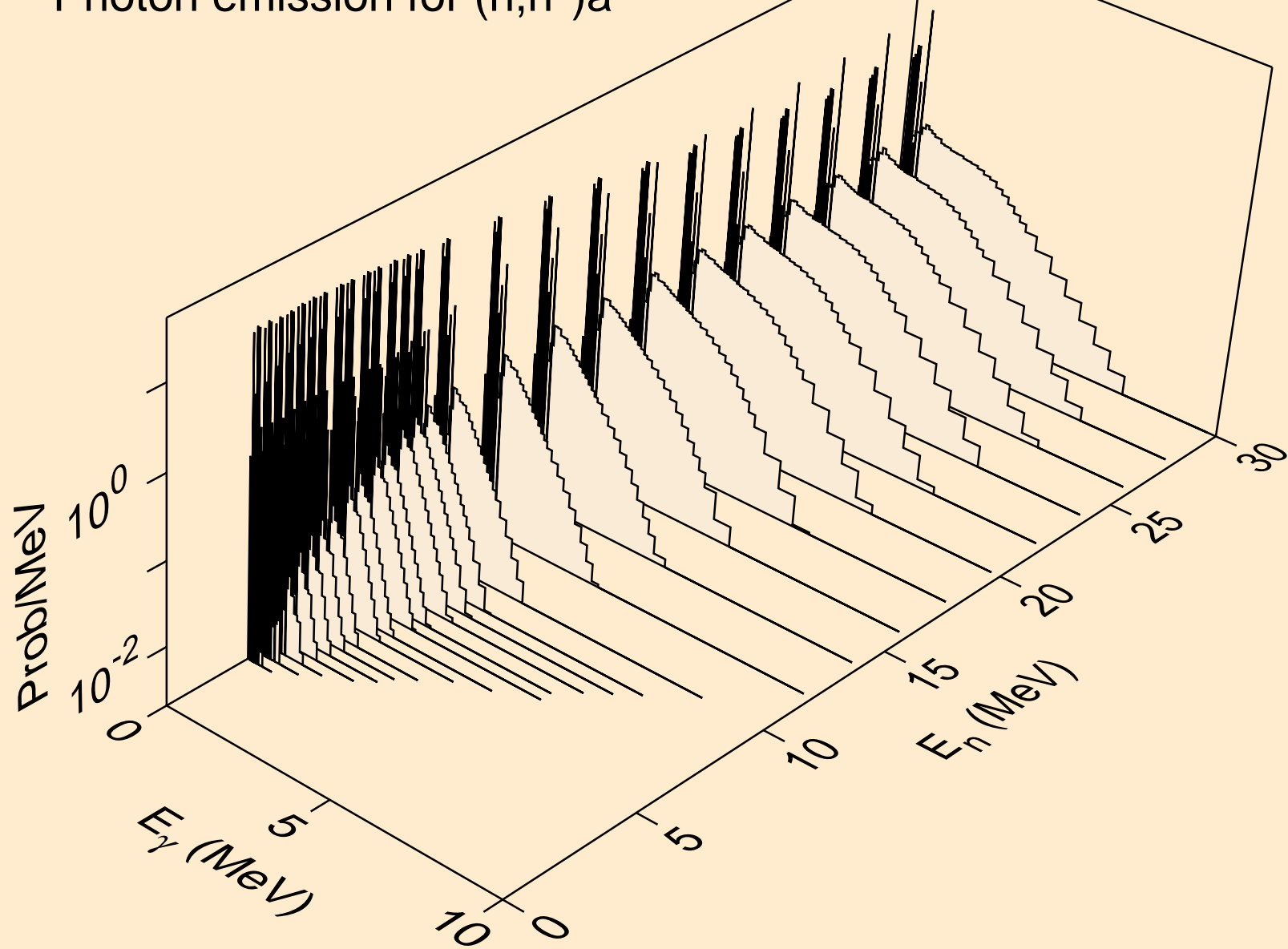
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



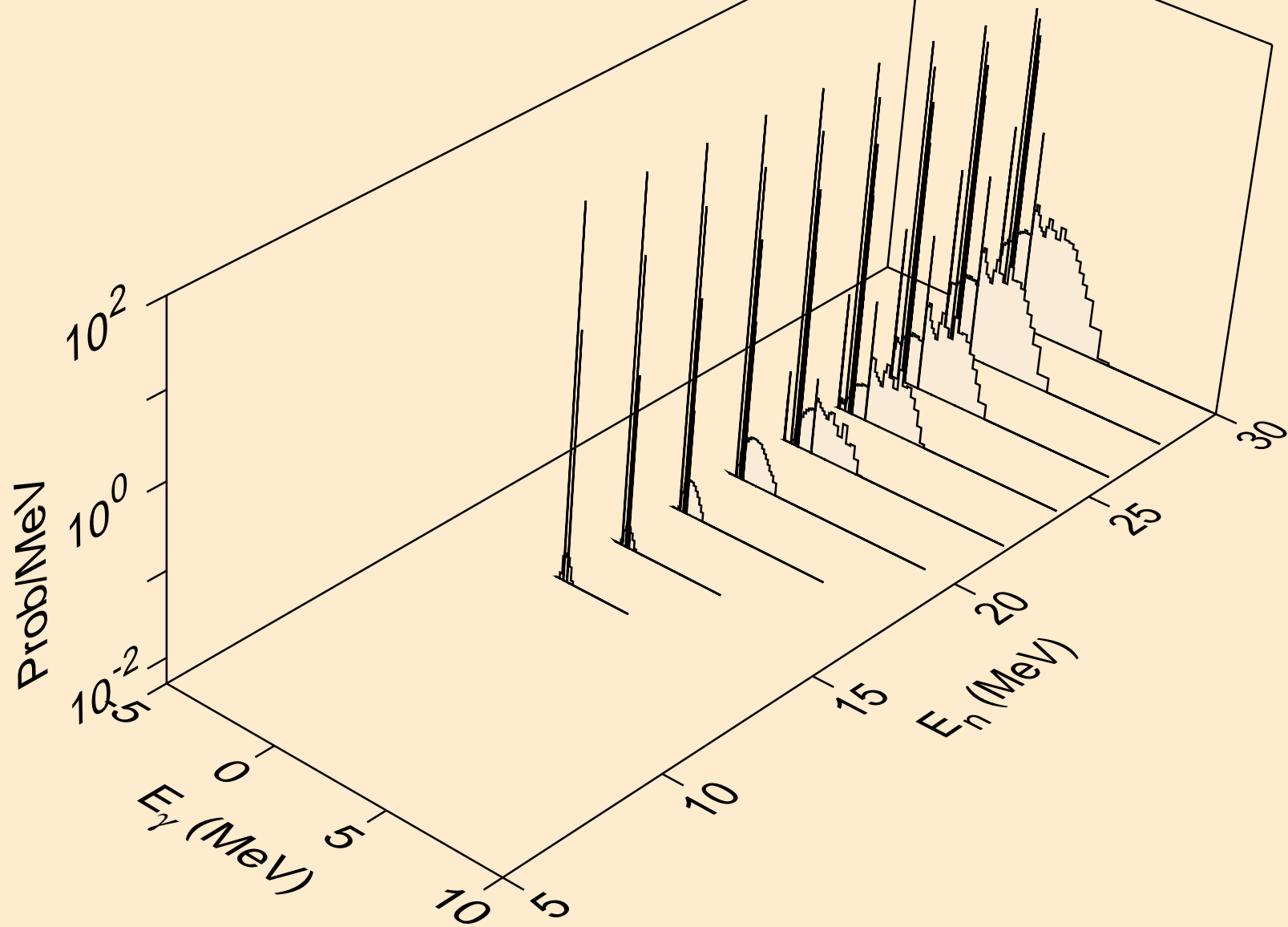
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



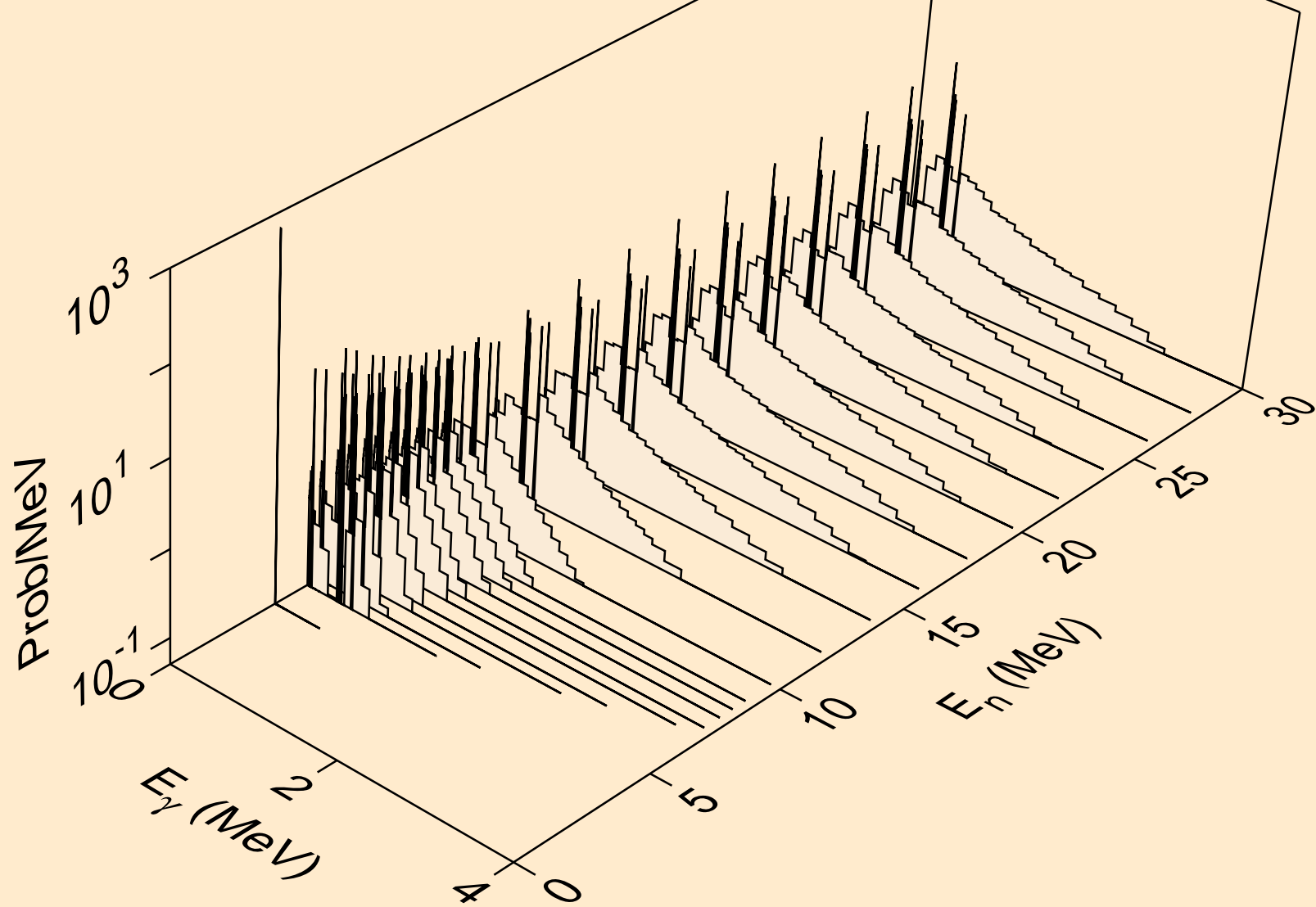
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



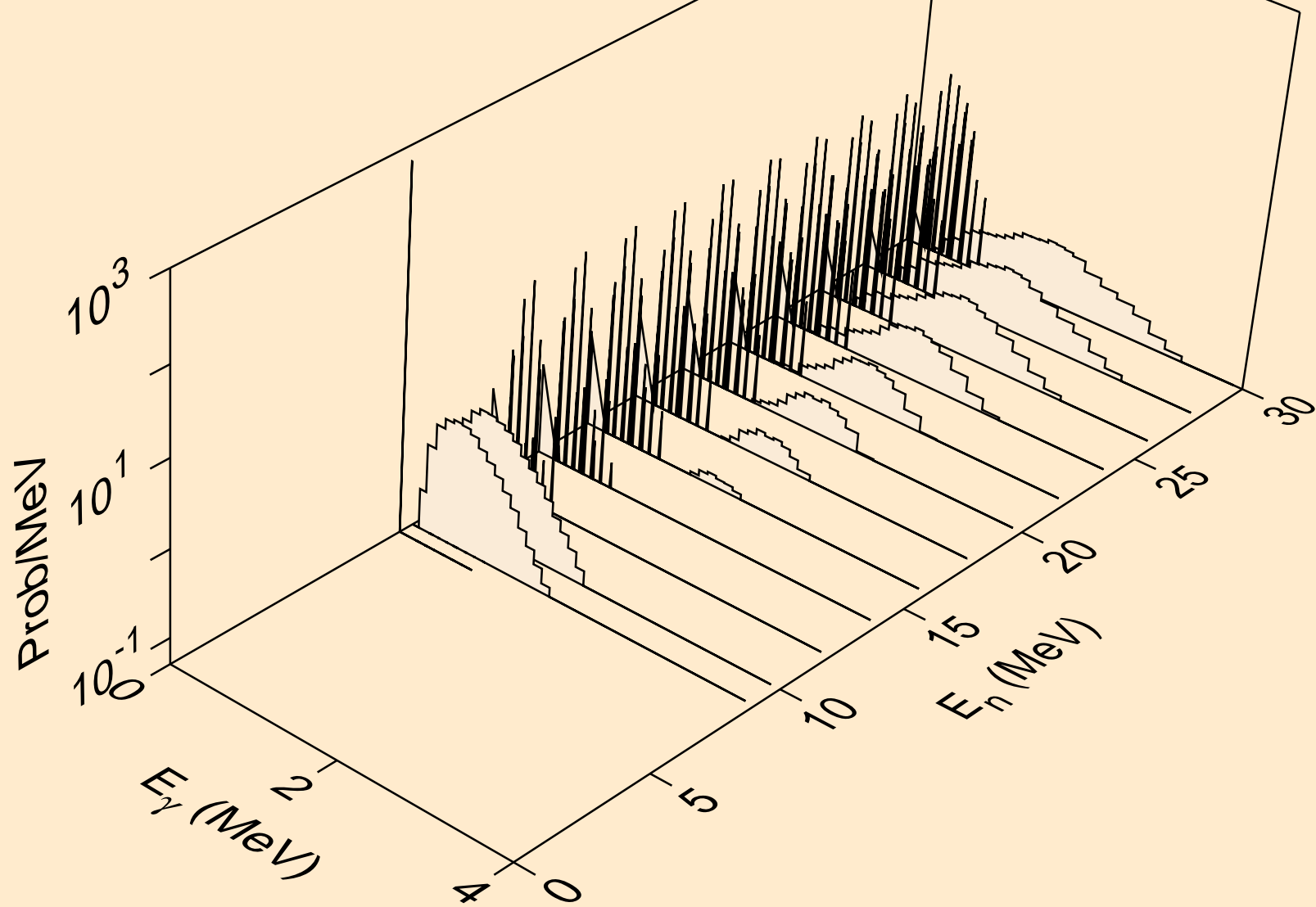
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



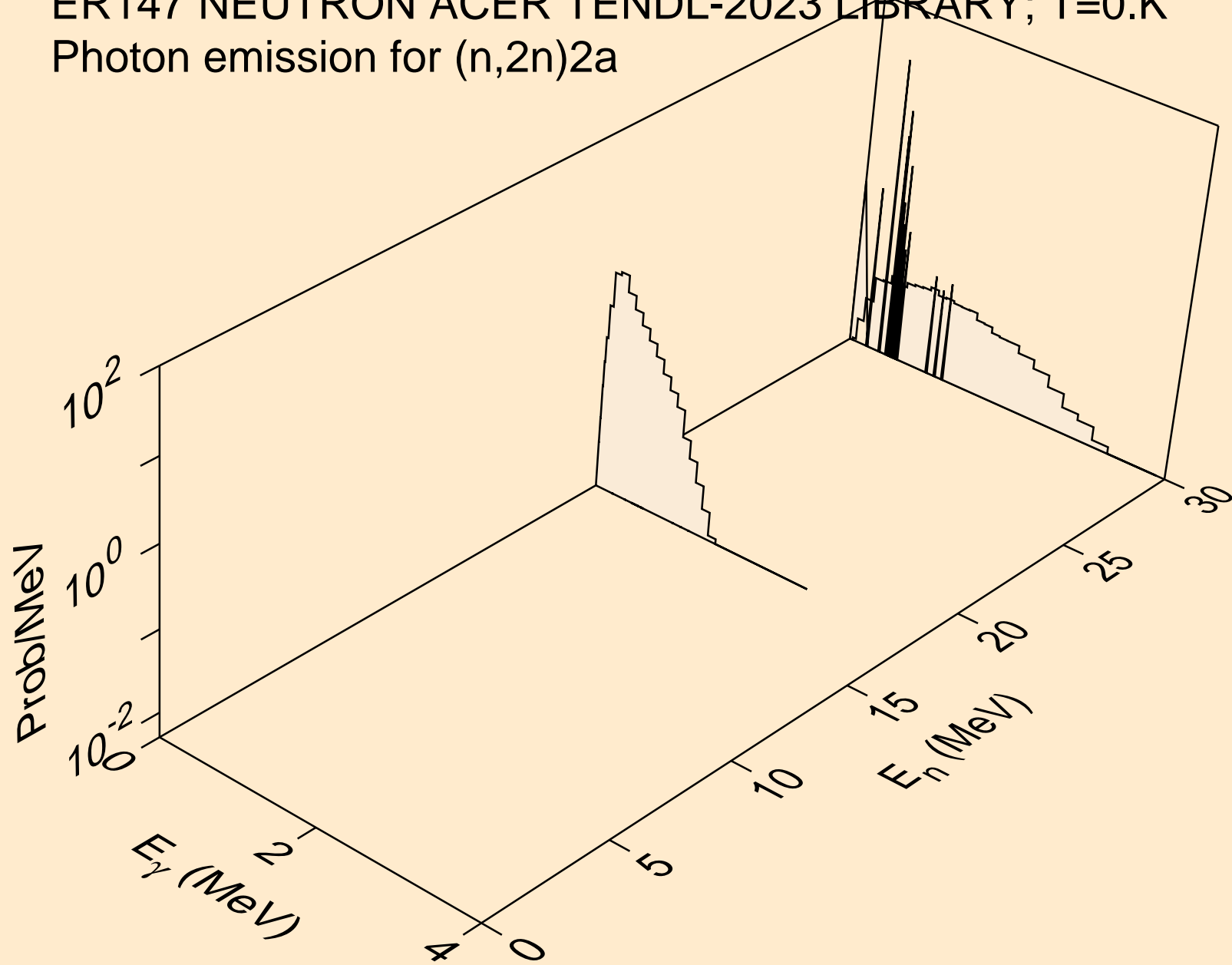
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



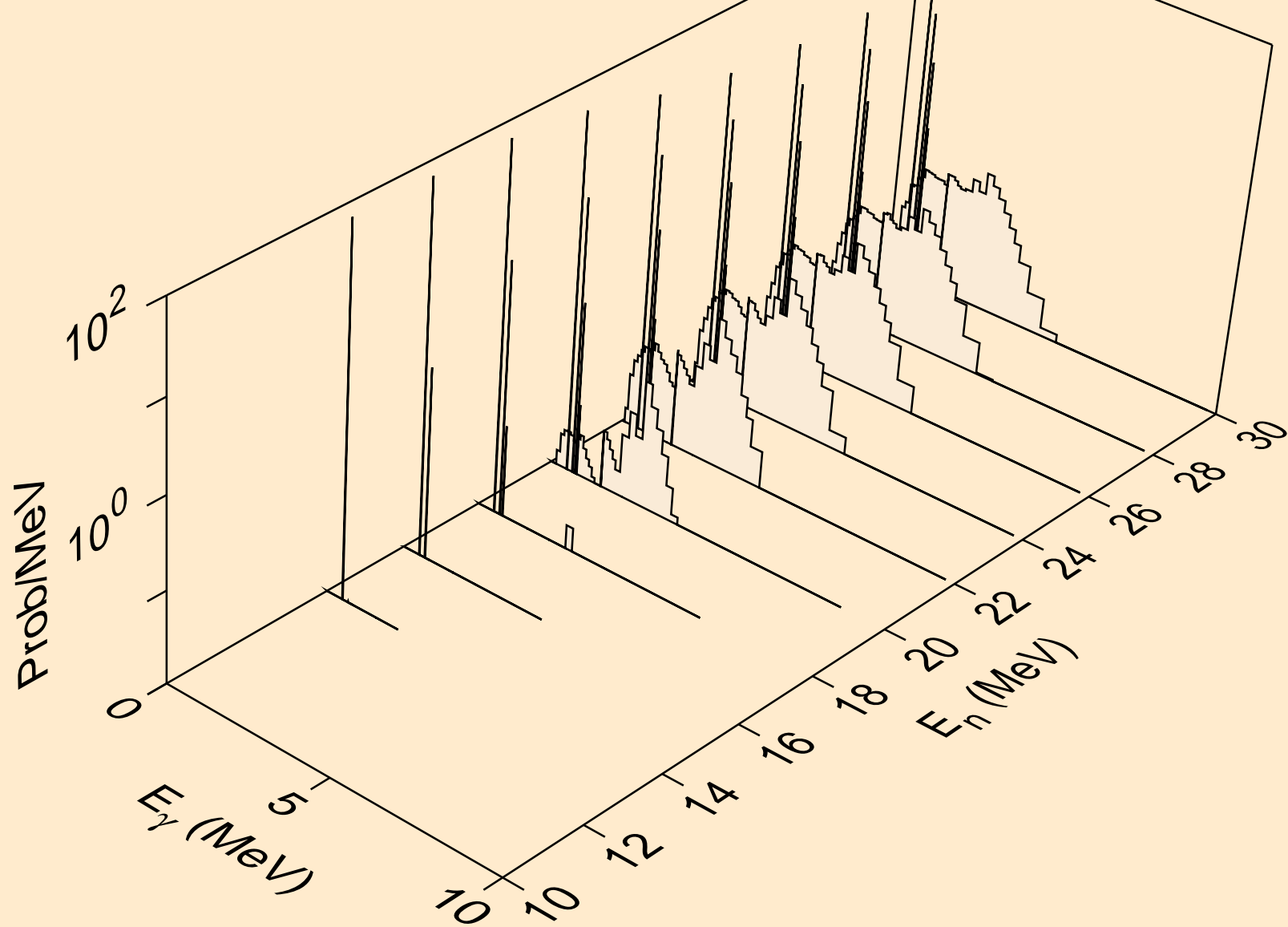
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



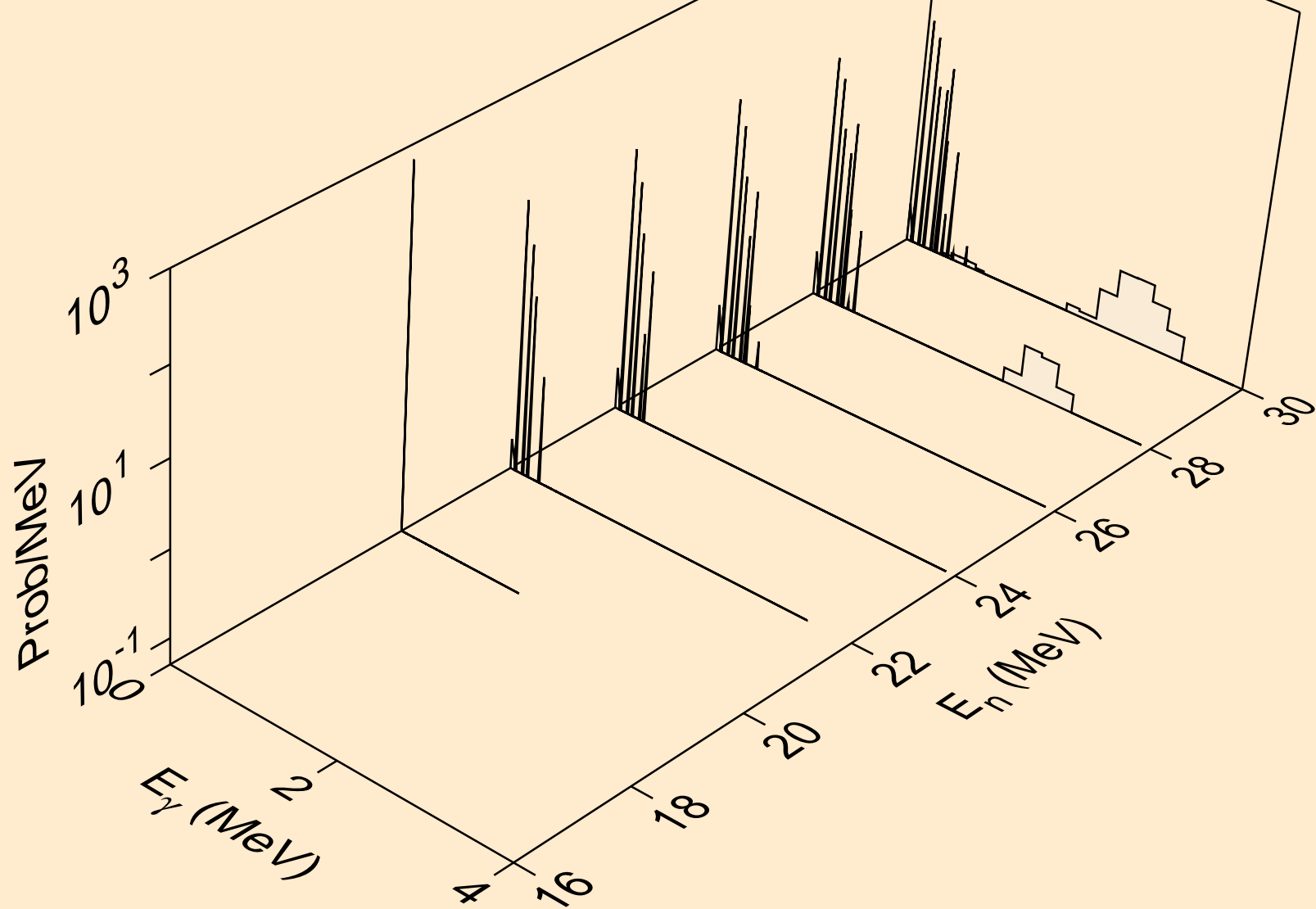
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)2a



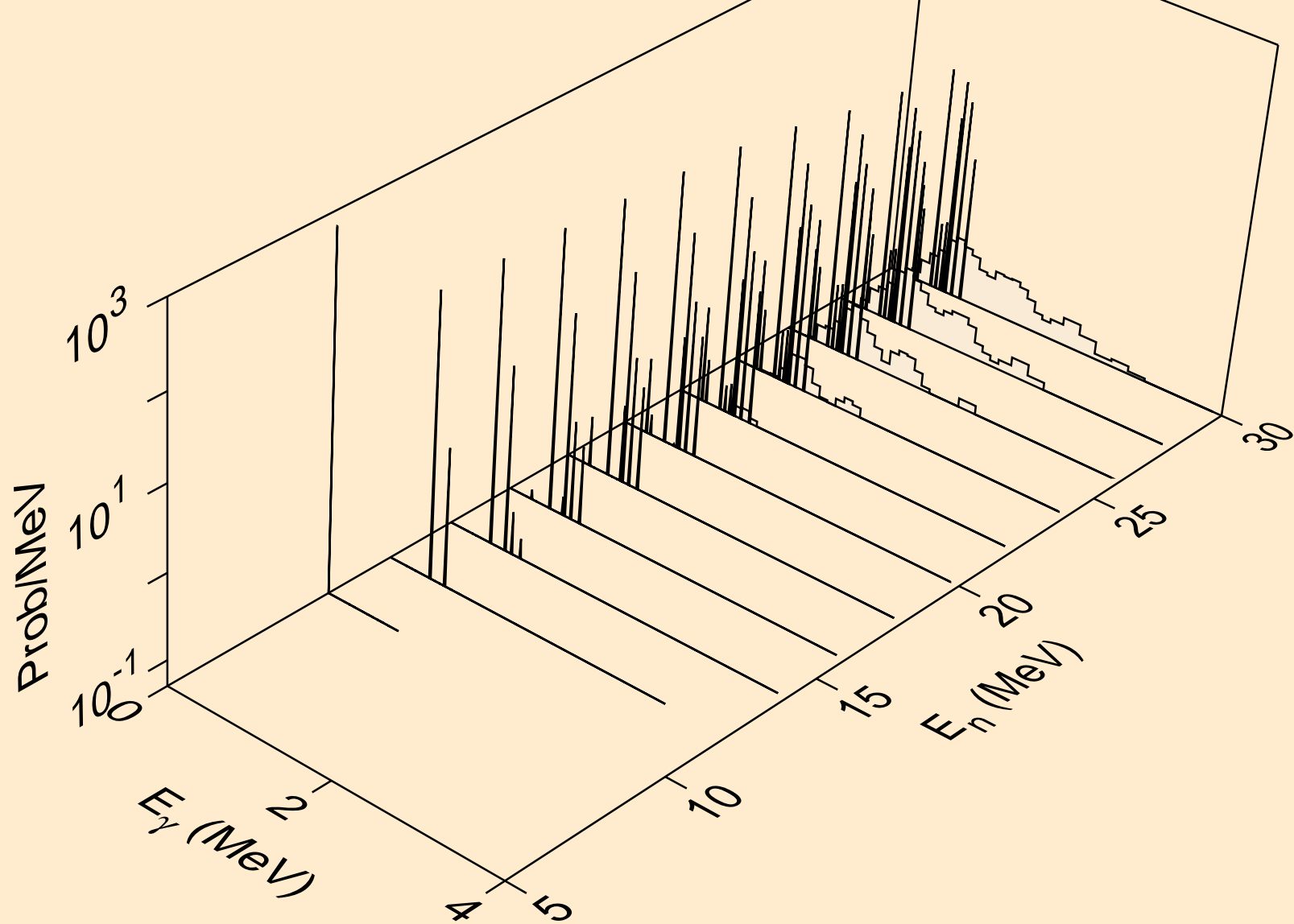
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



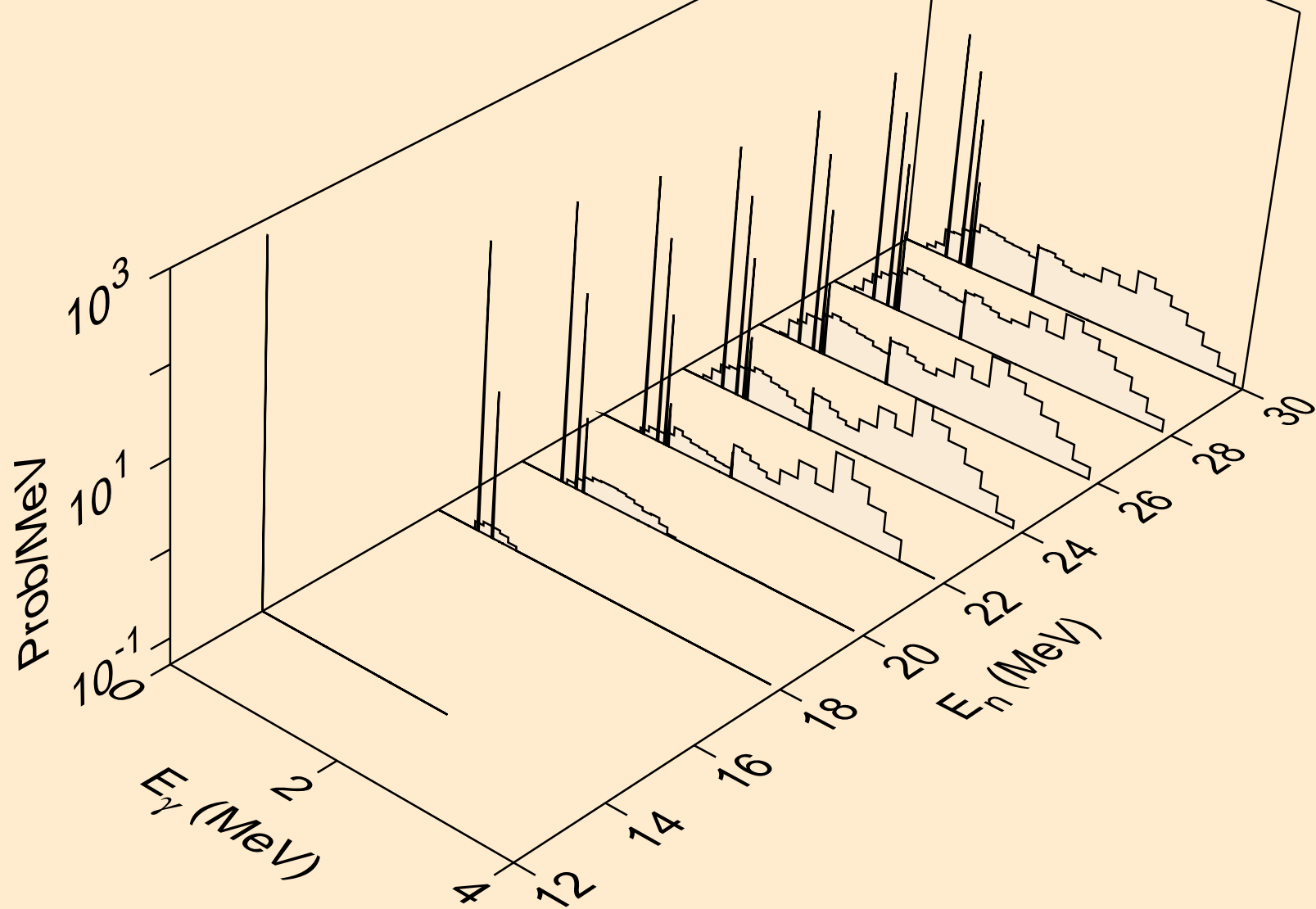
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



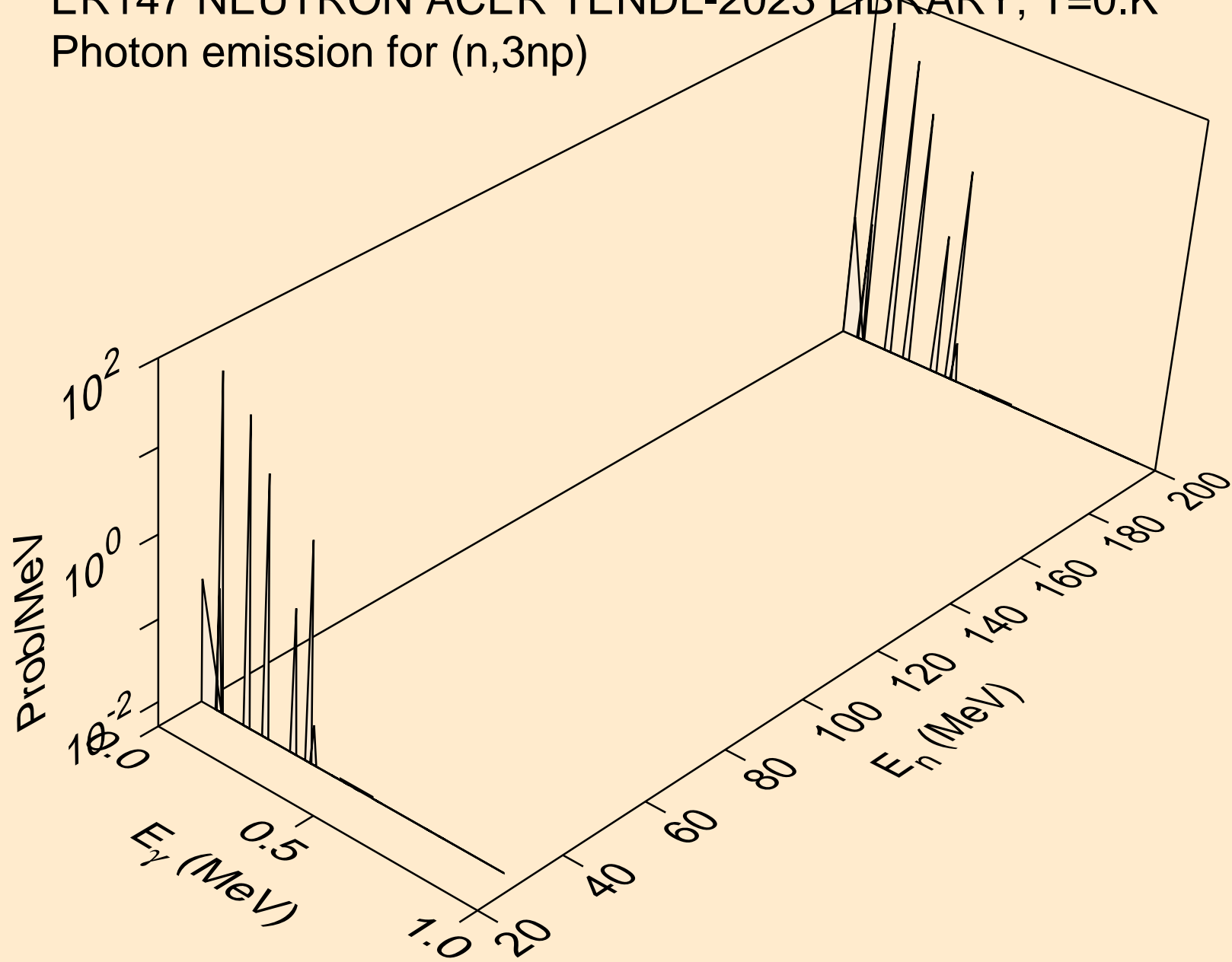
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



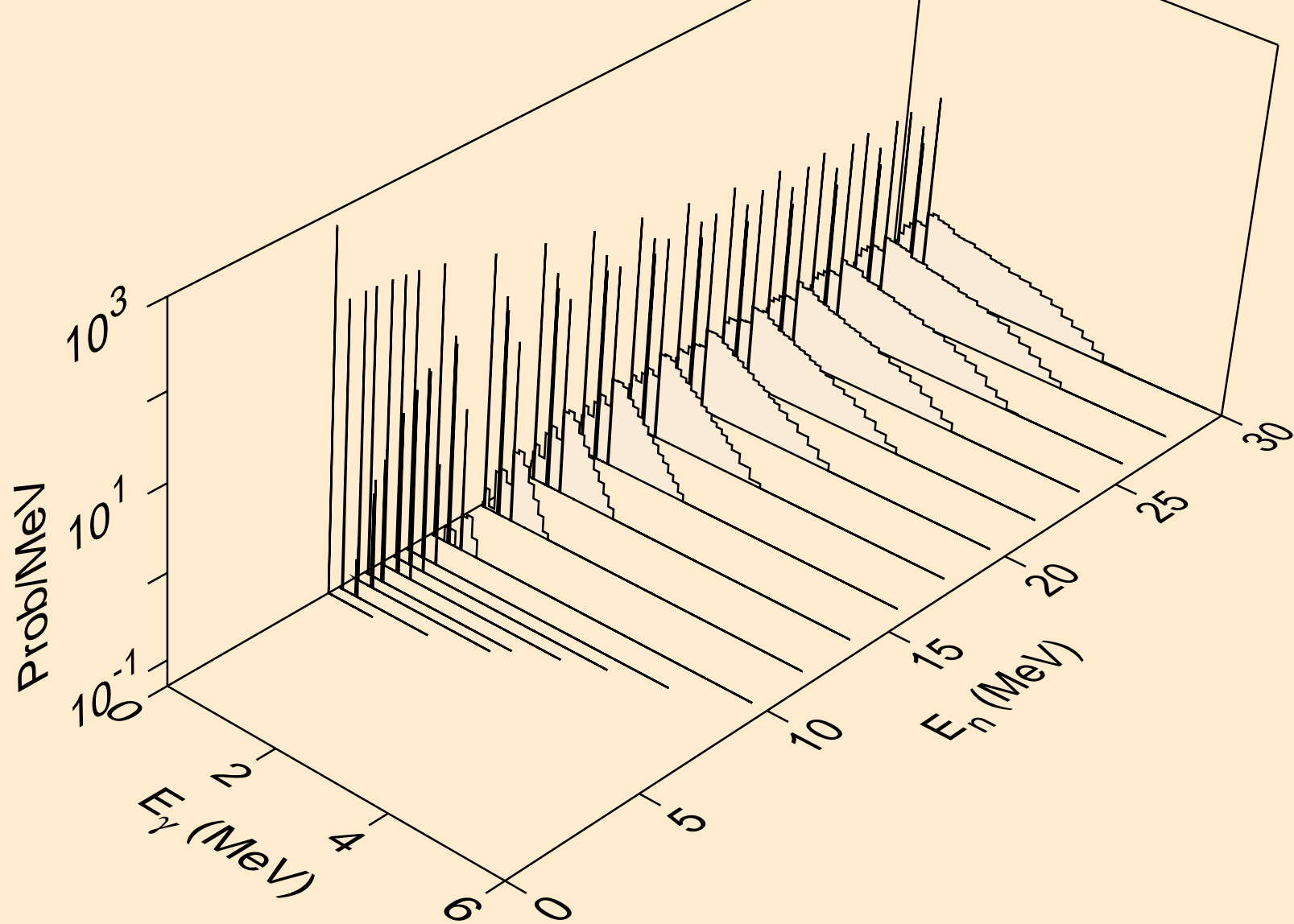
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



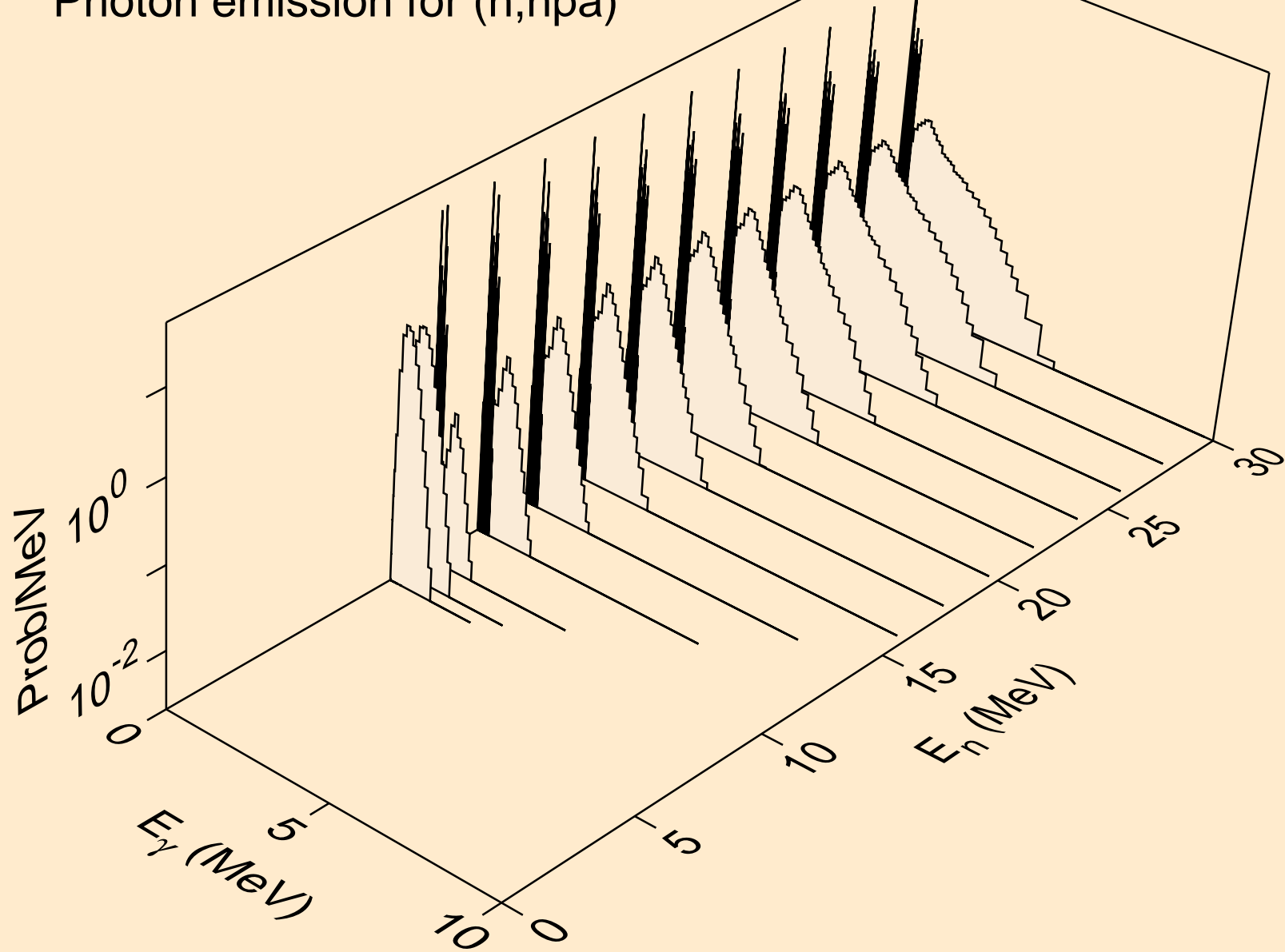
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



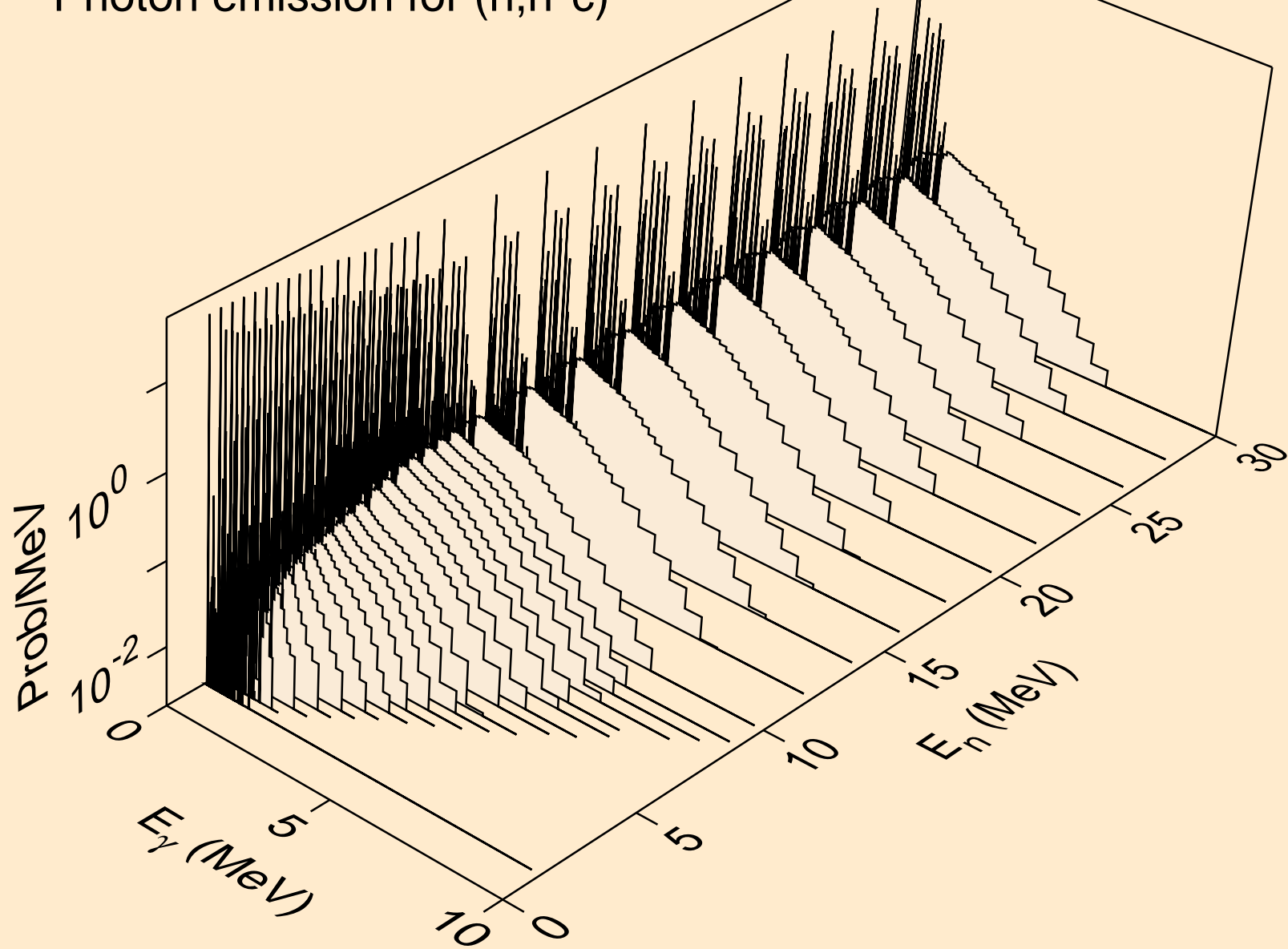
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



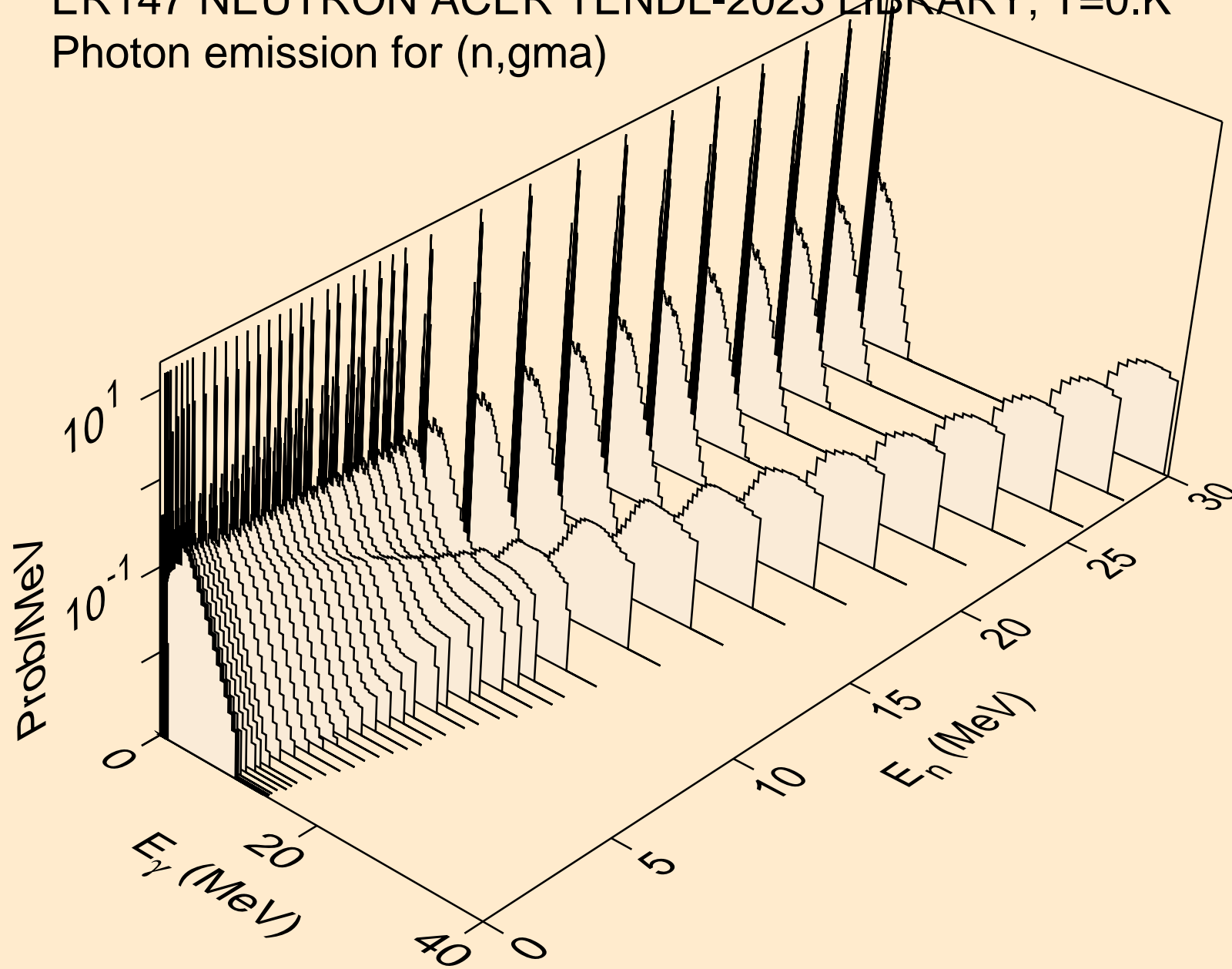
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



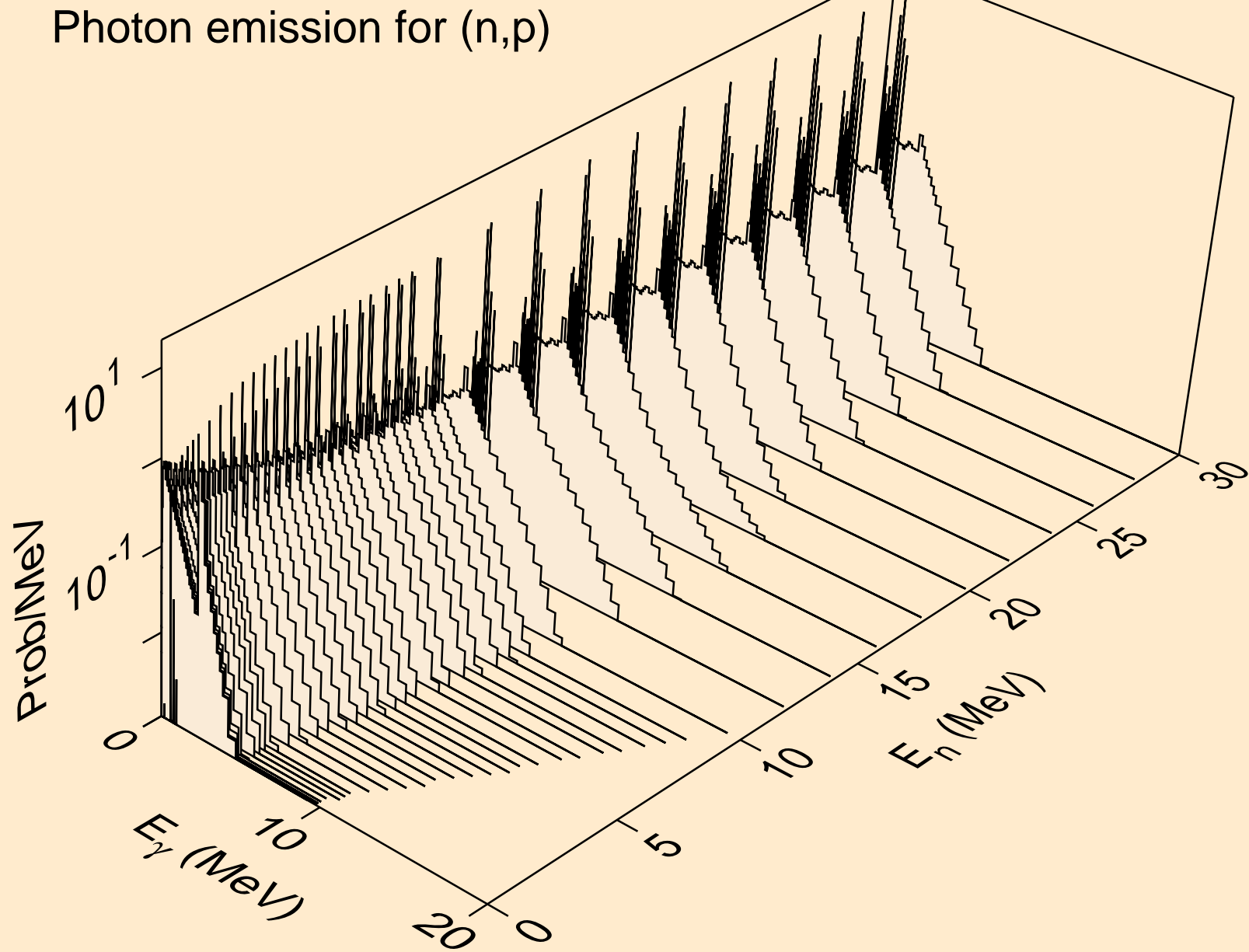
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



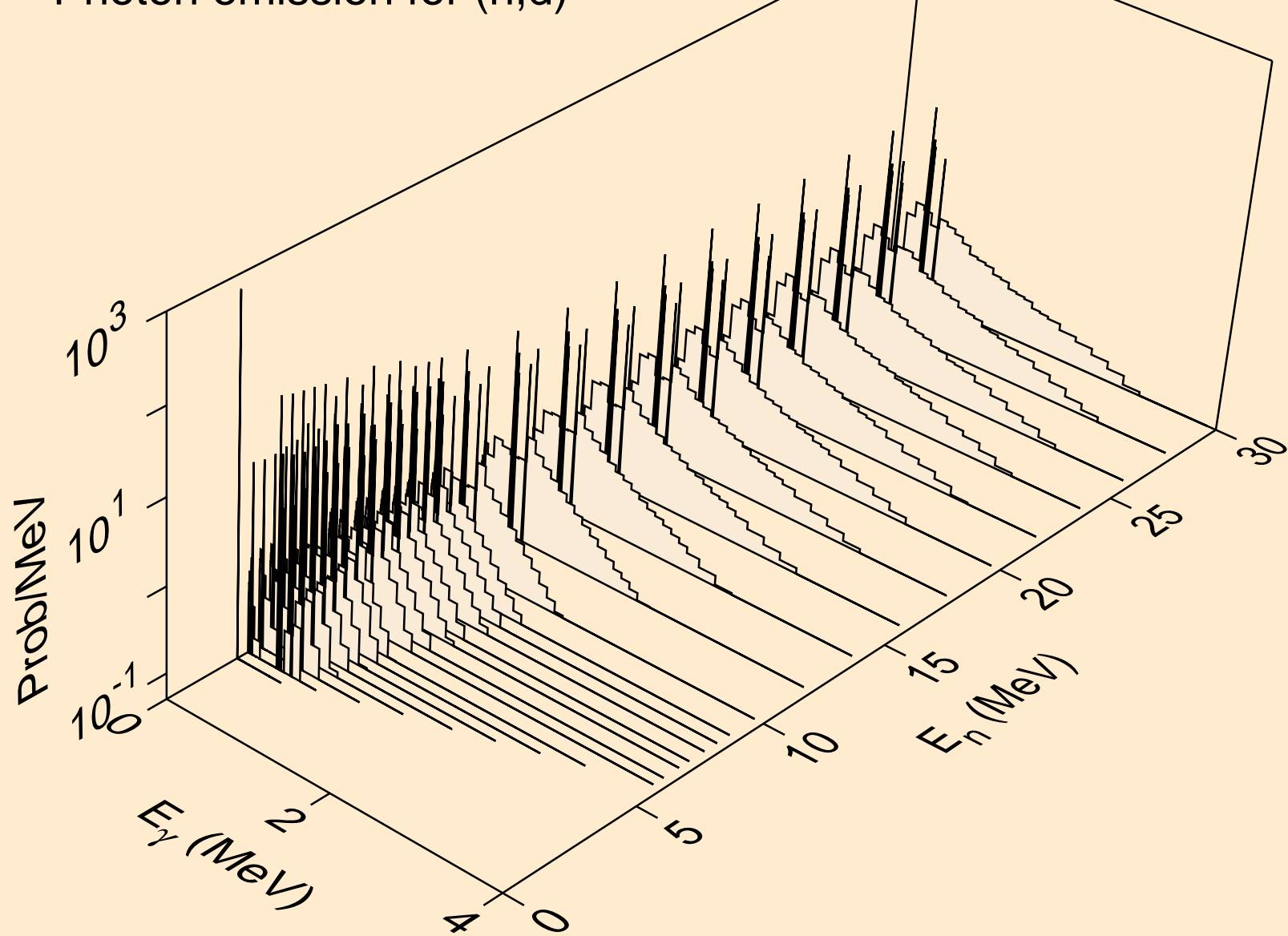
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



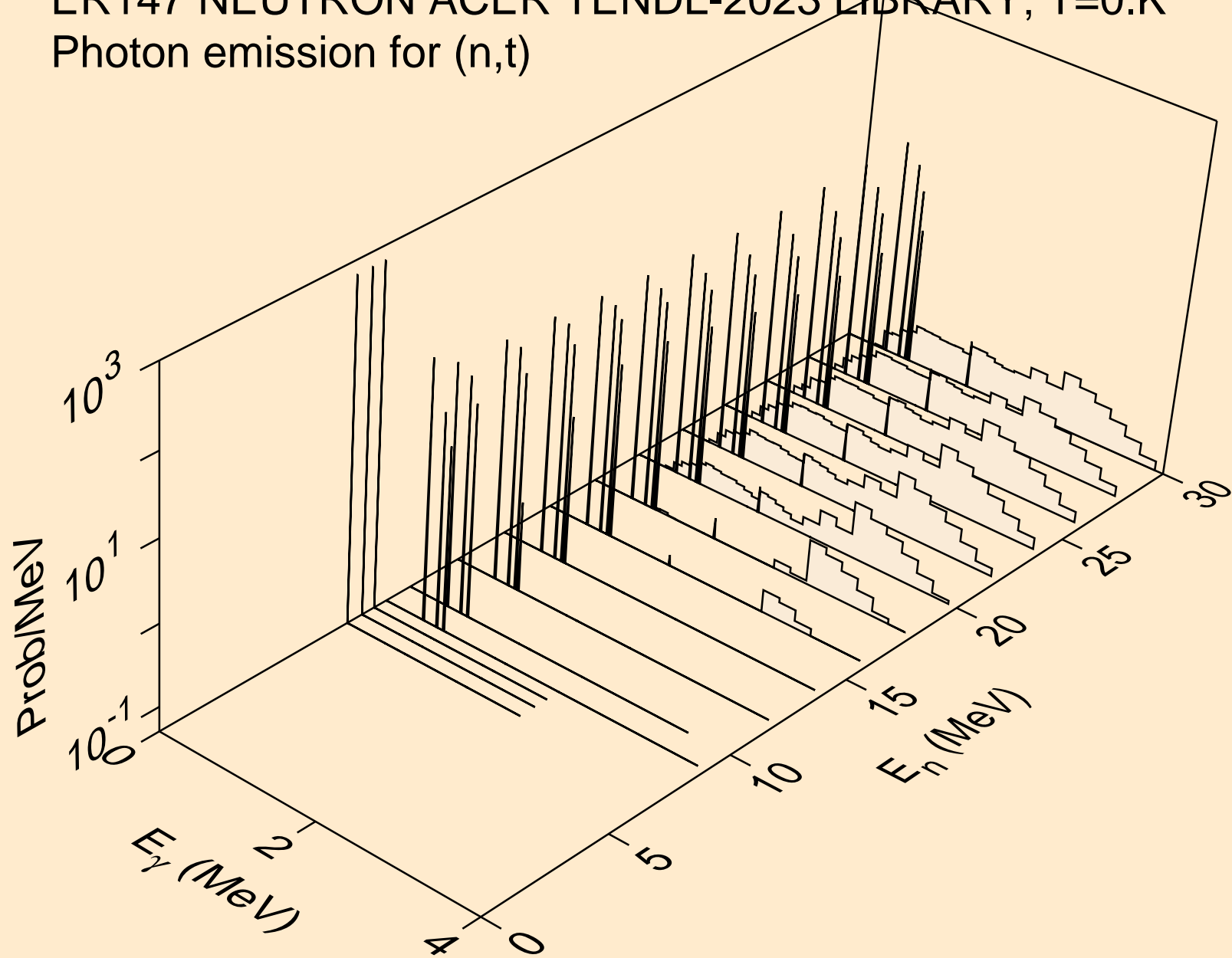
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



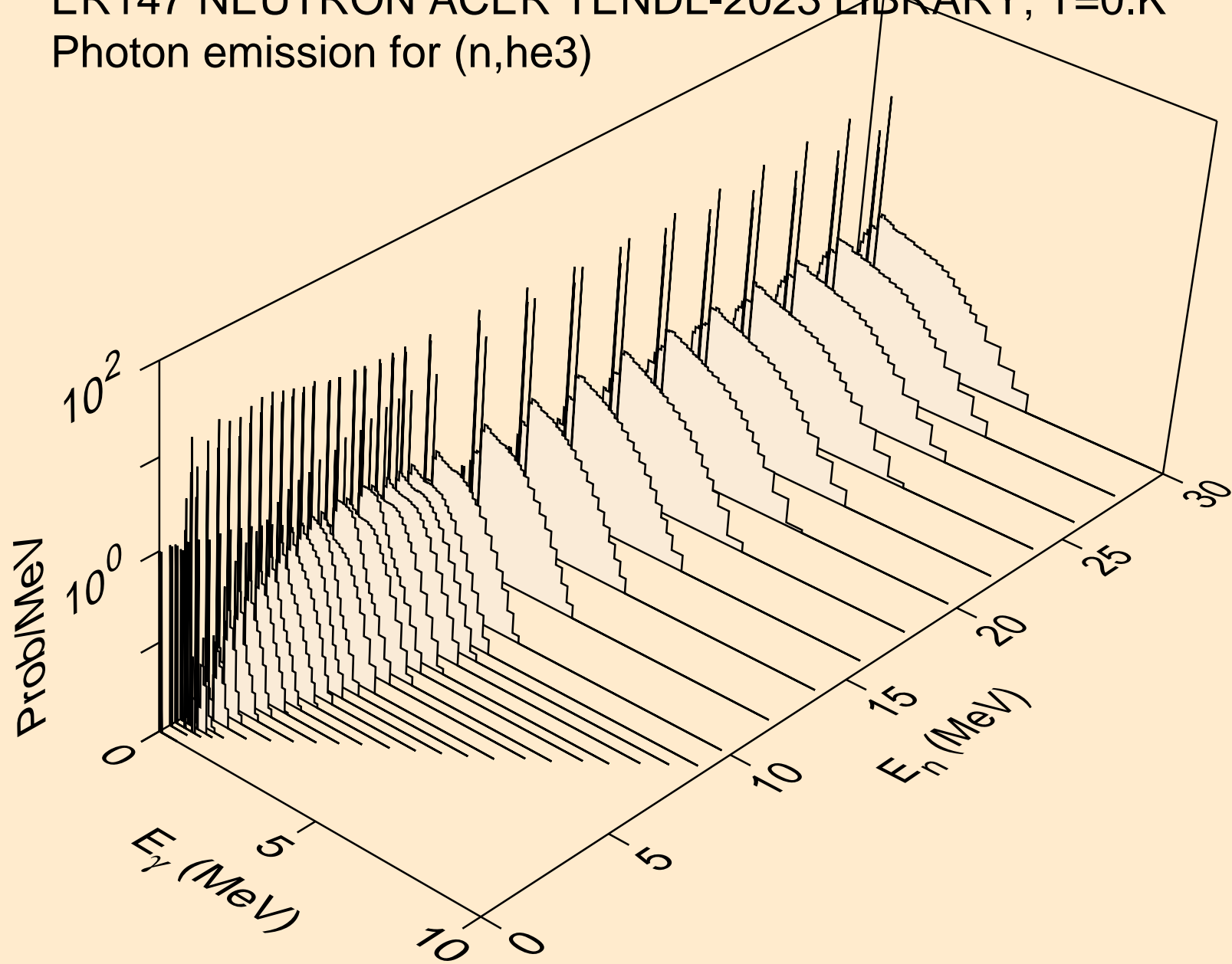
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



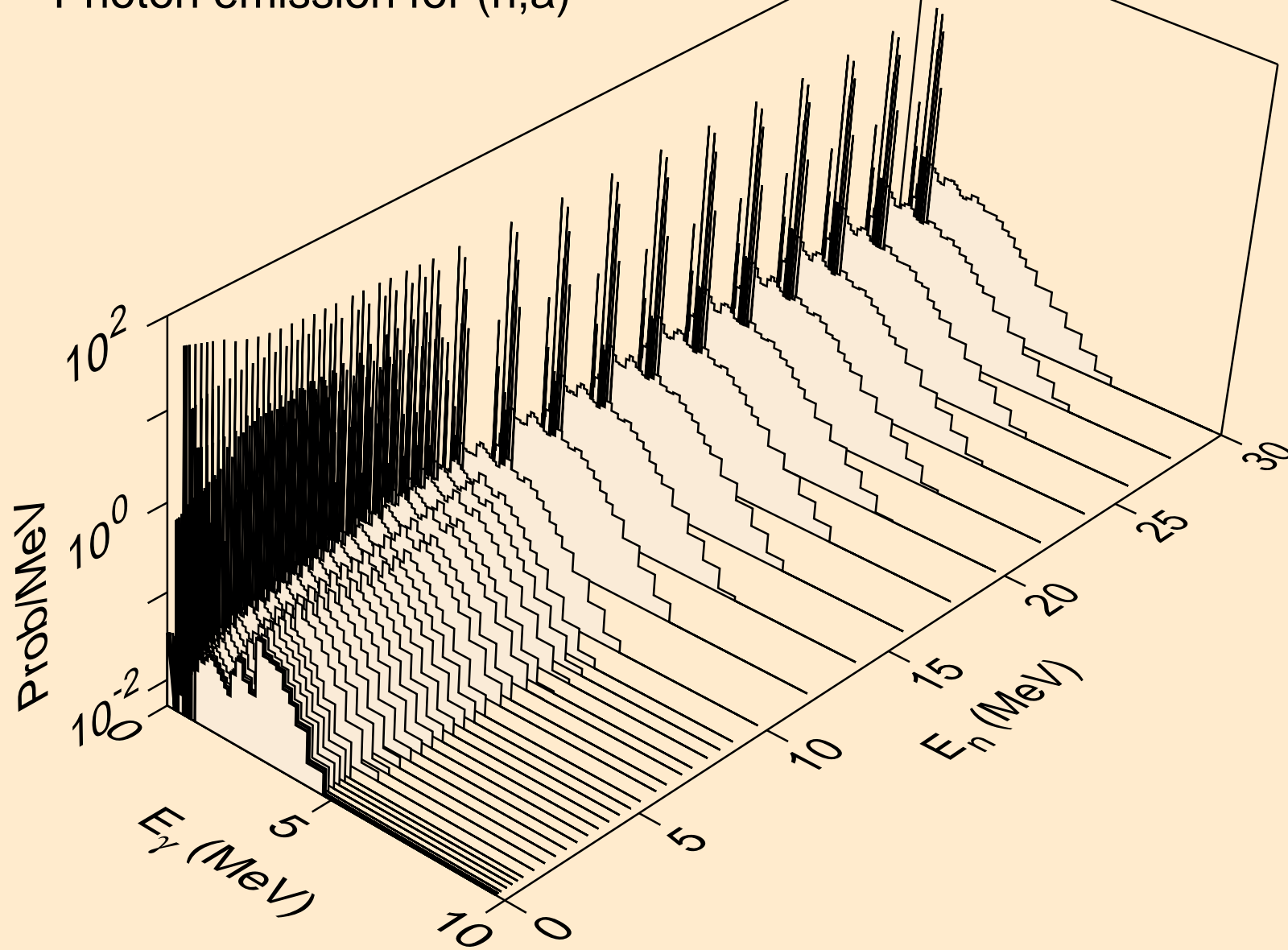
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



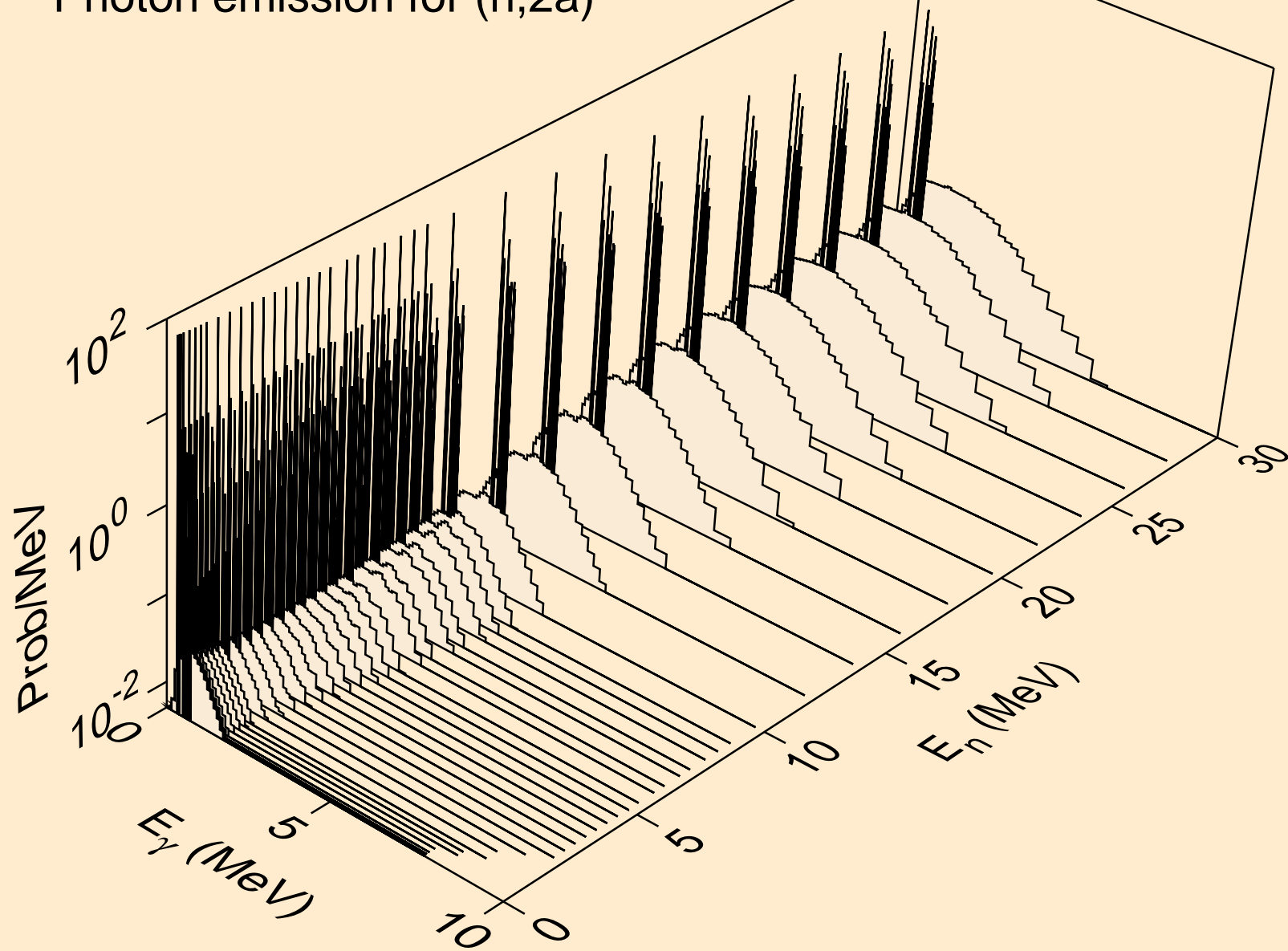
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



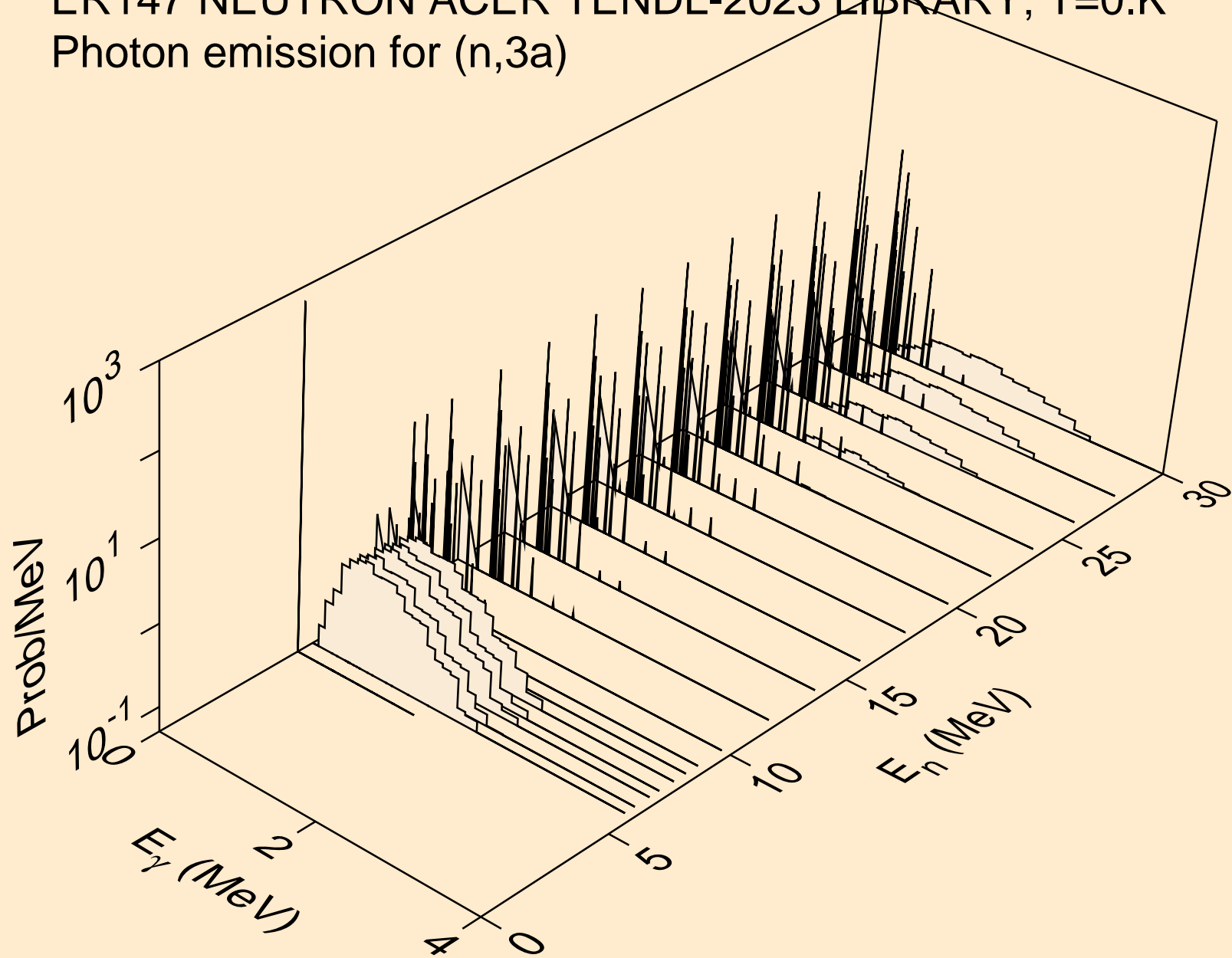
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



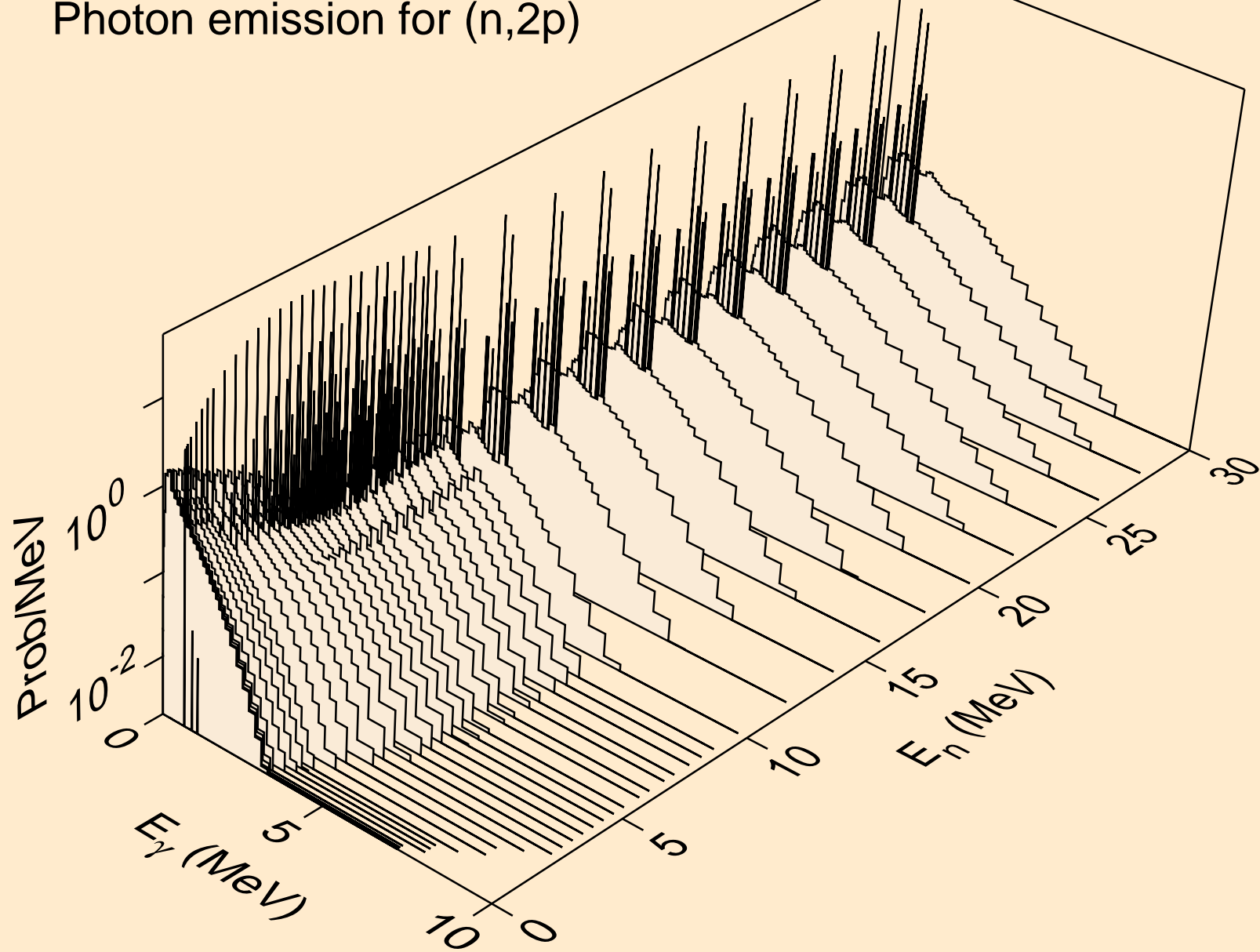
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



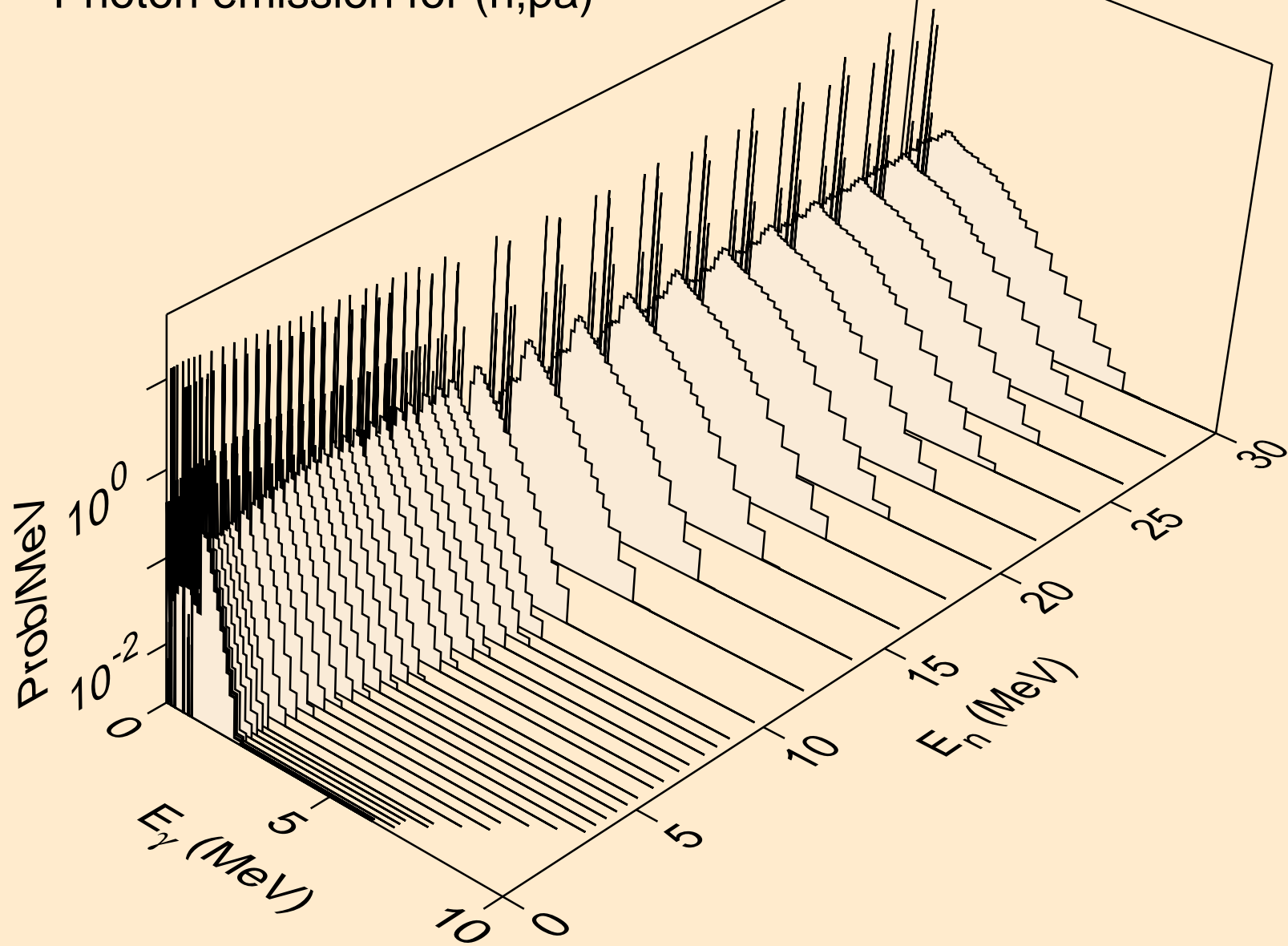
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3a)



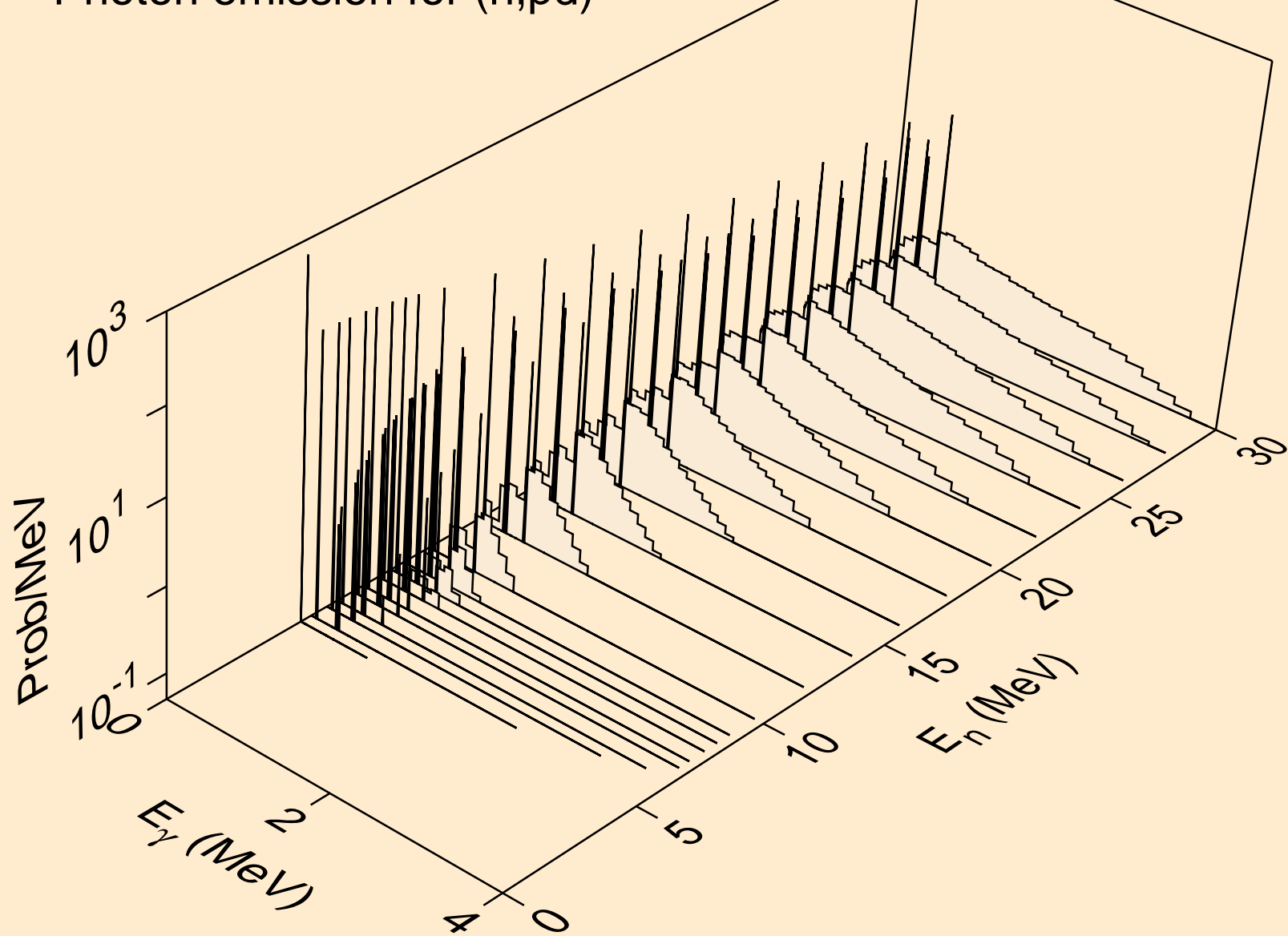
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



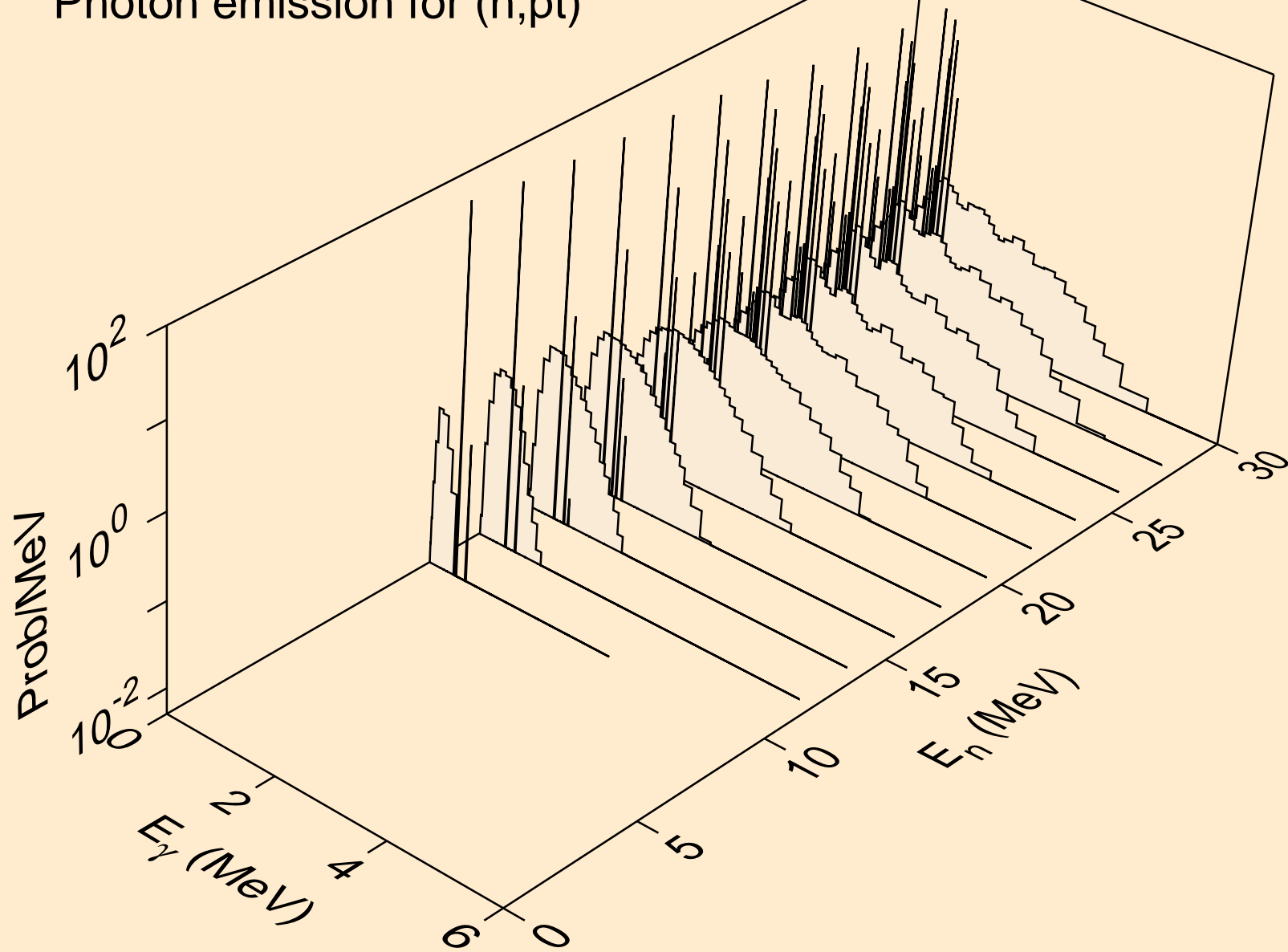
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p α)



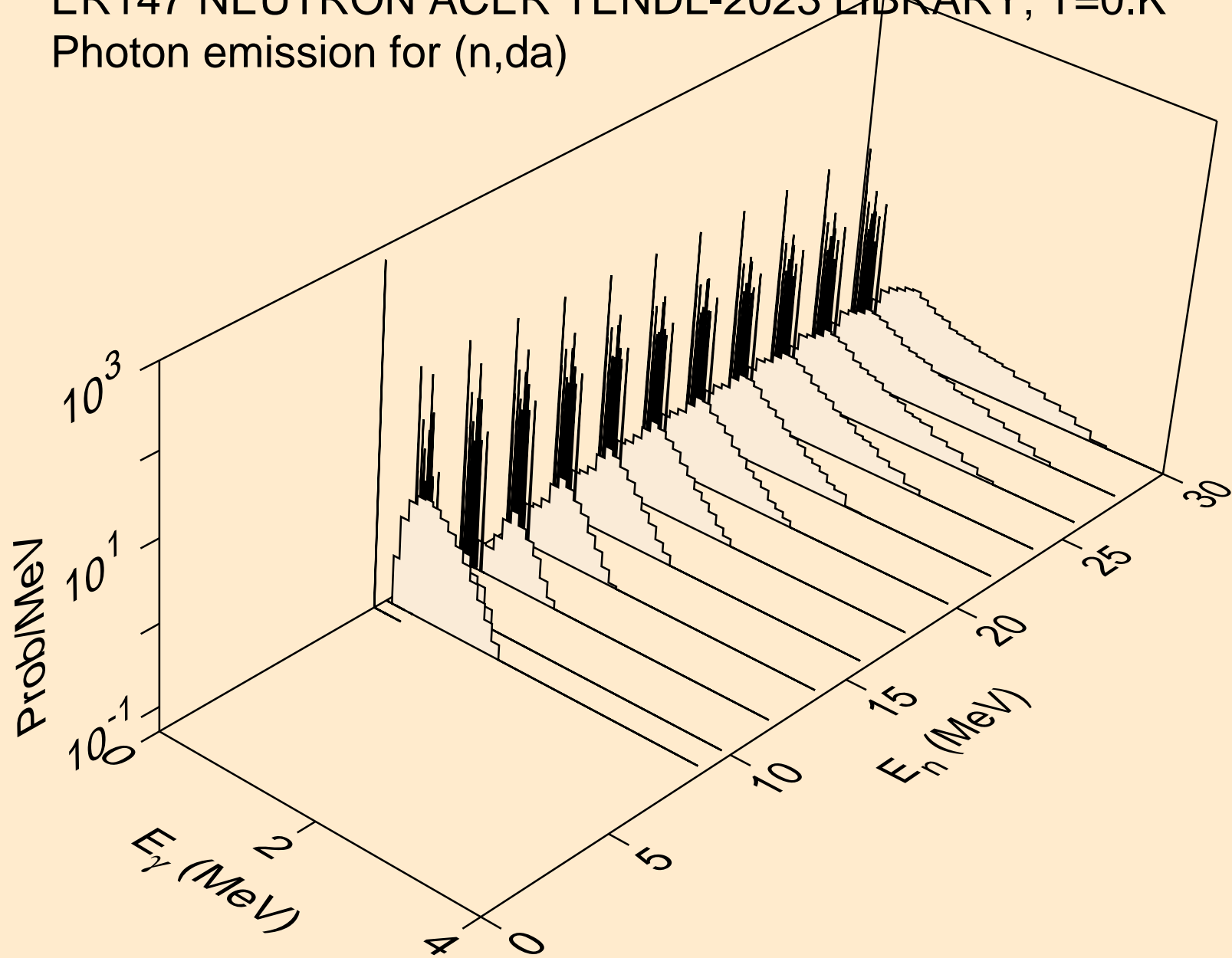
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



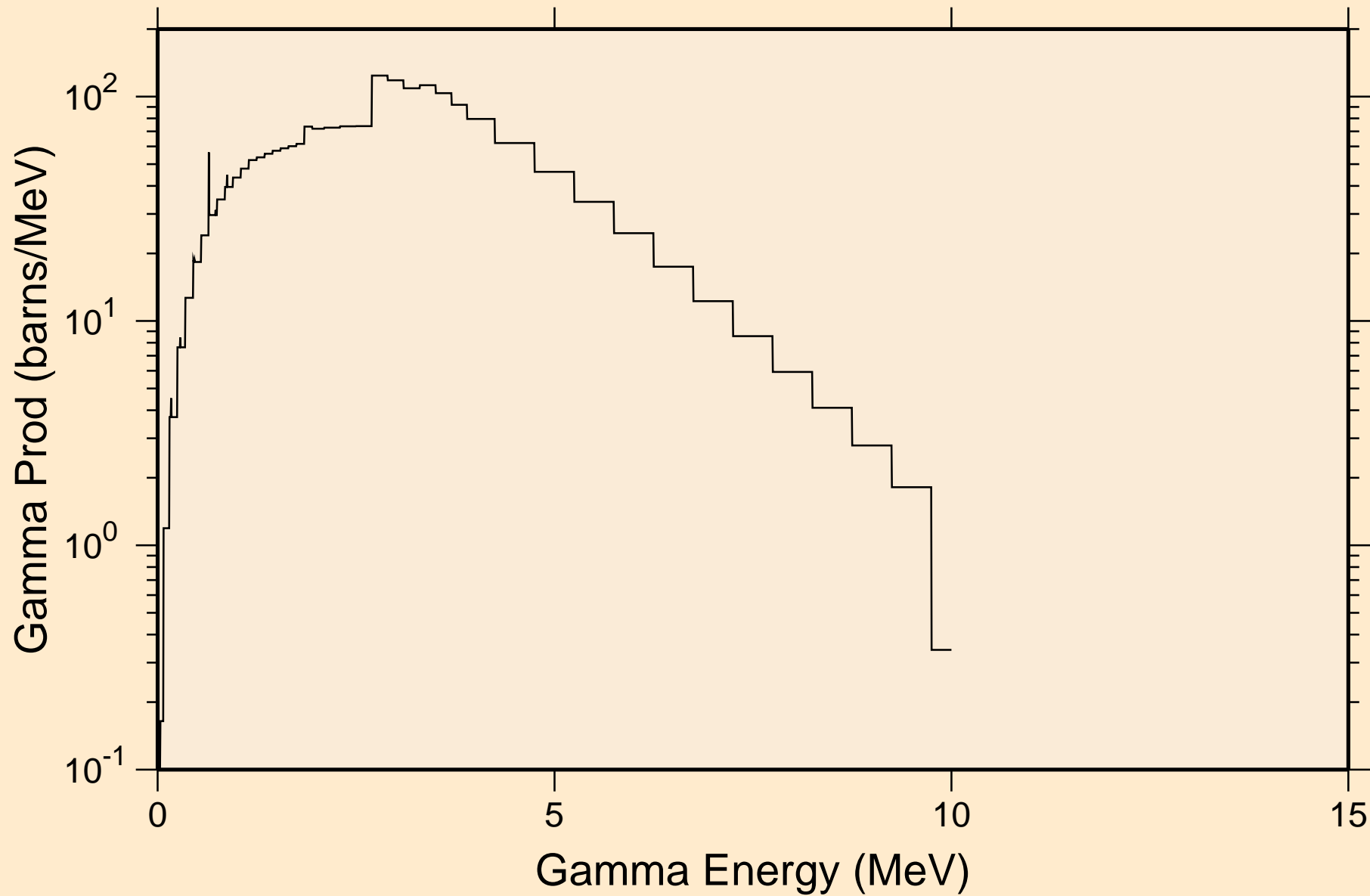
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)



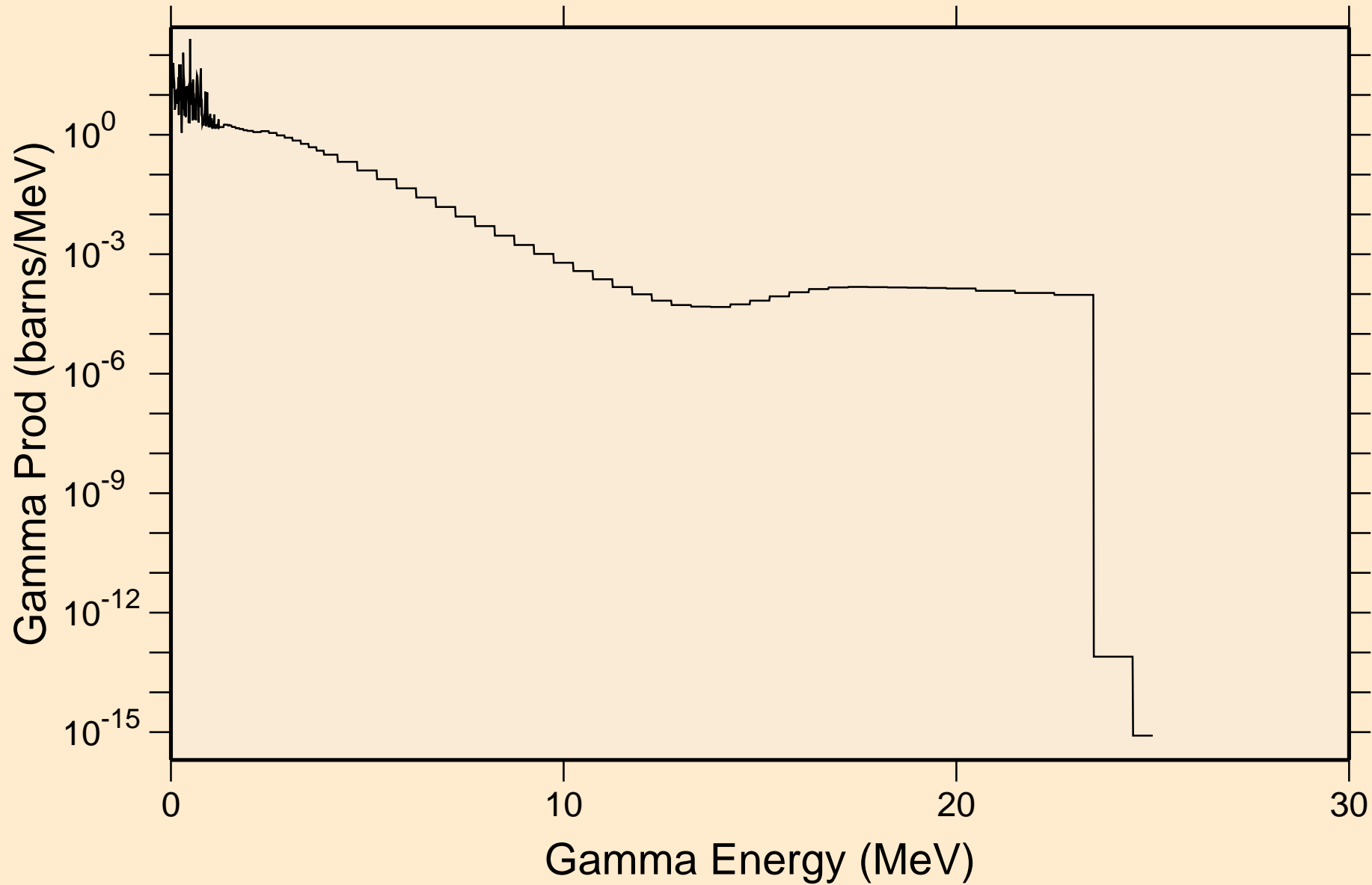
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

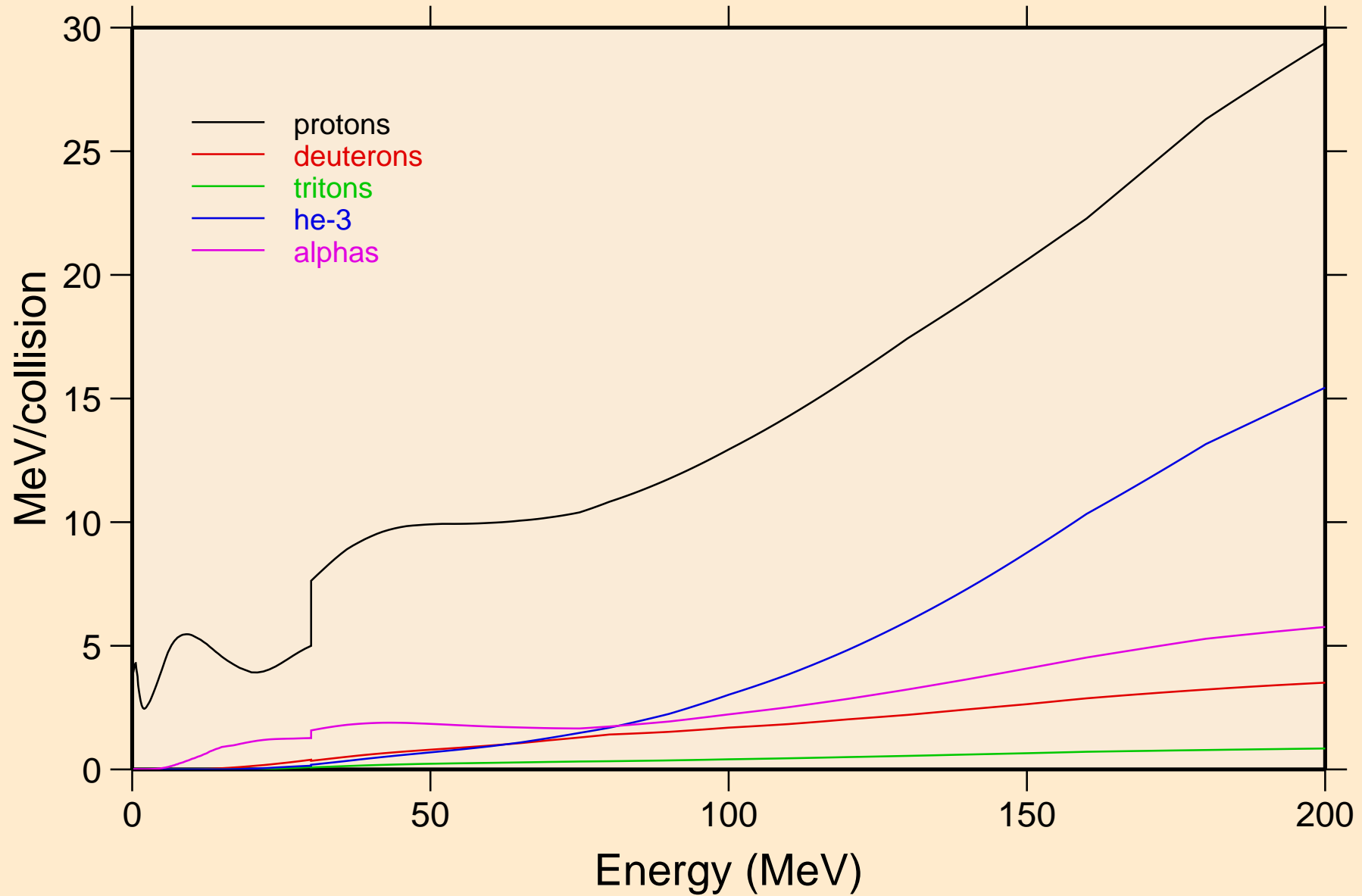


ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum

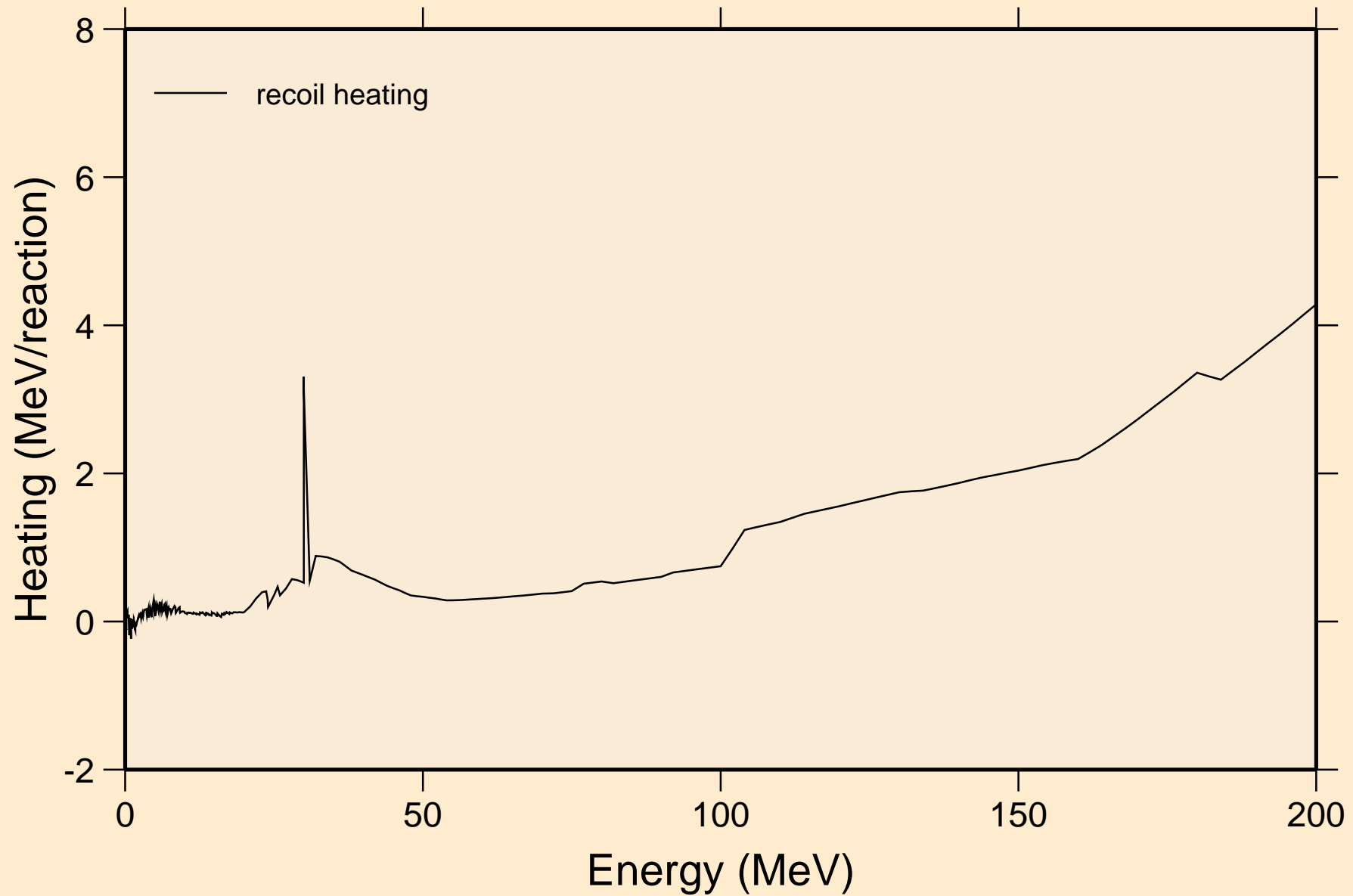


ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

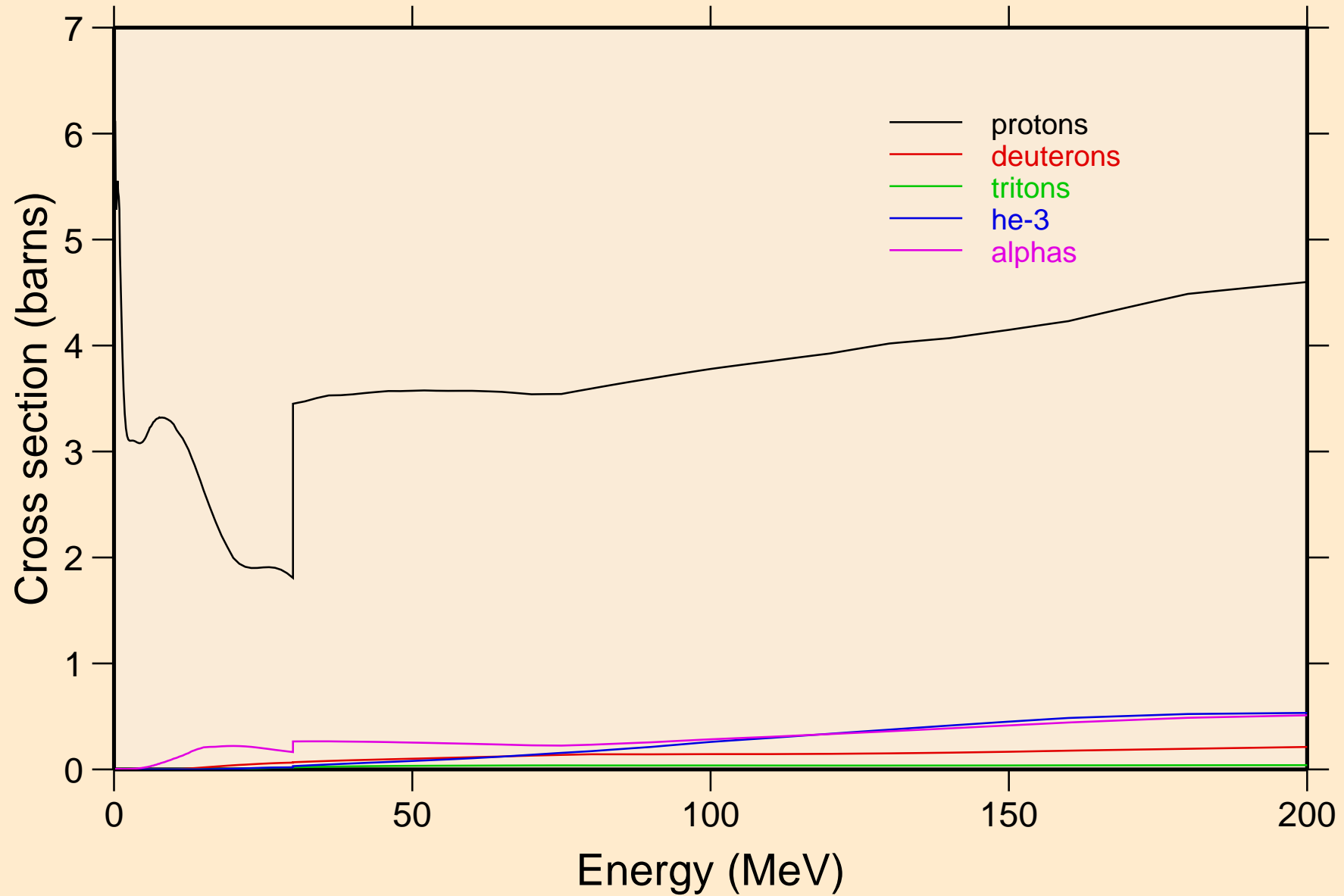
Particle heating contributions



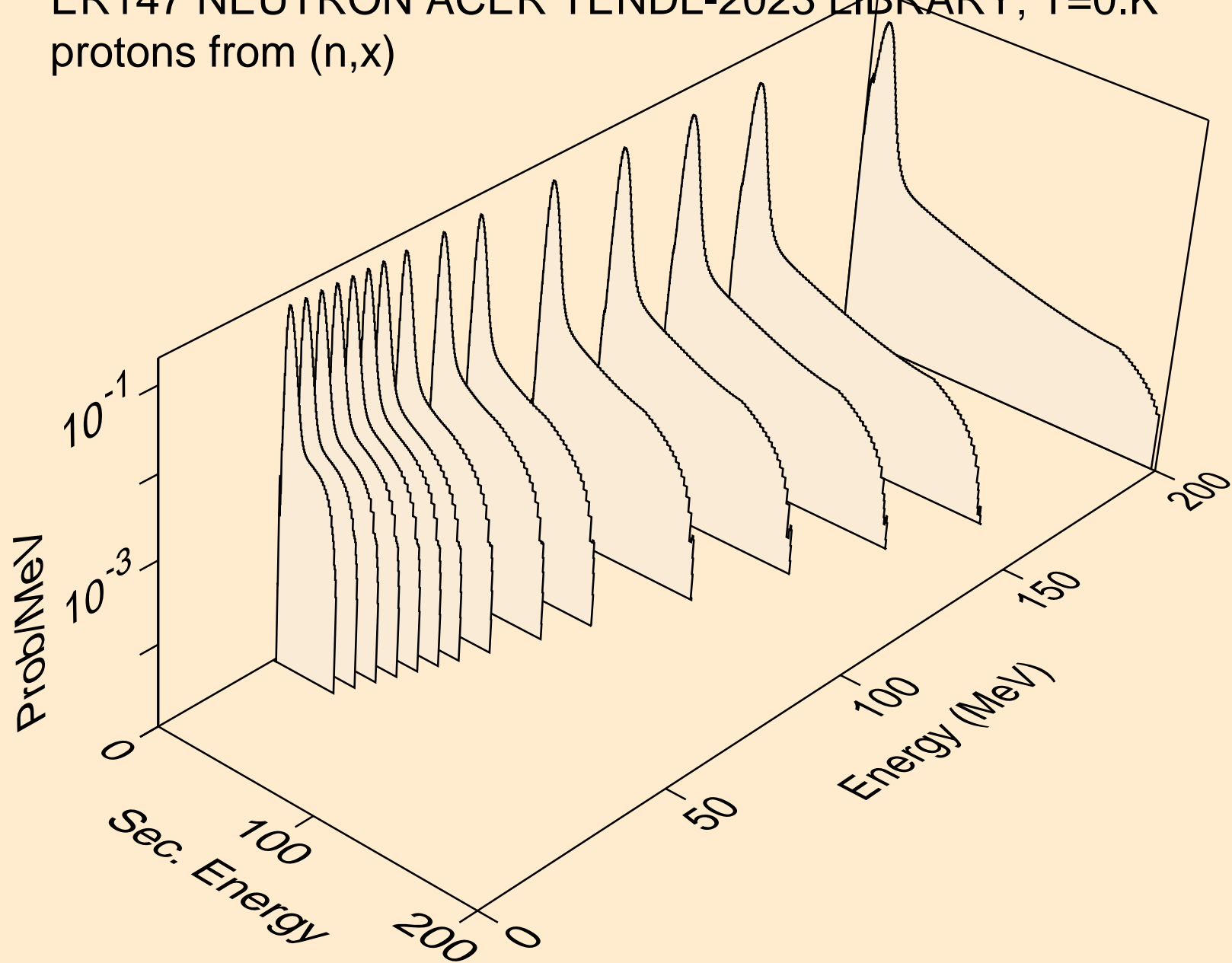
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating



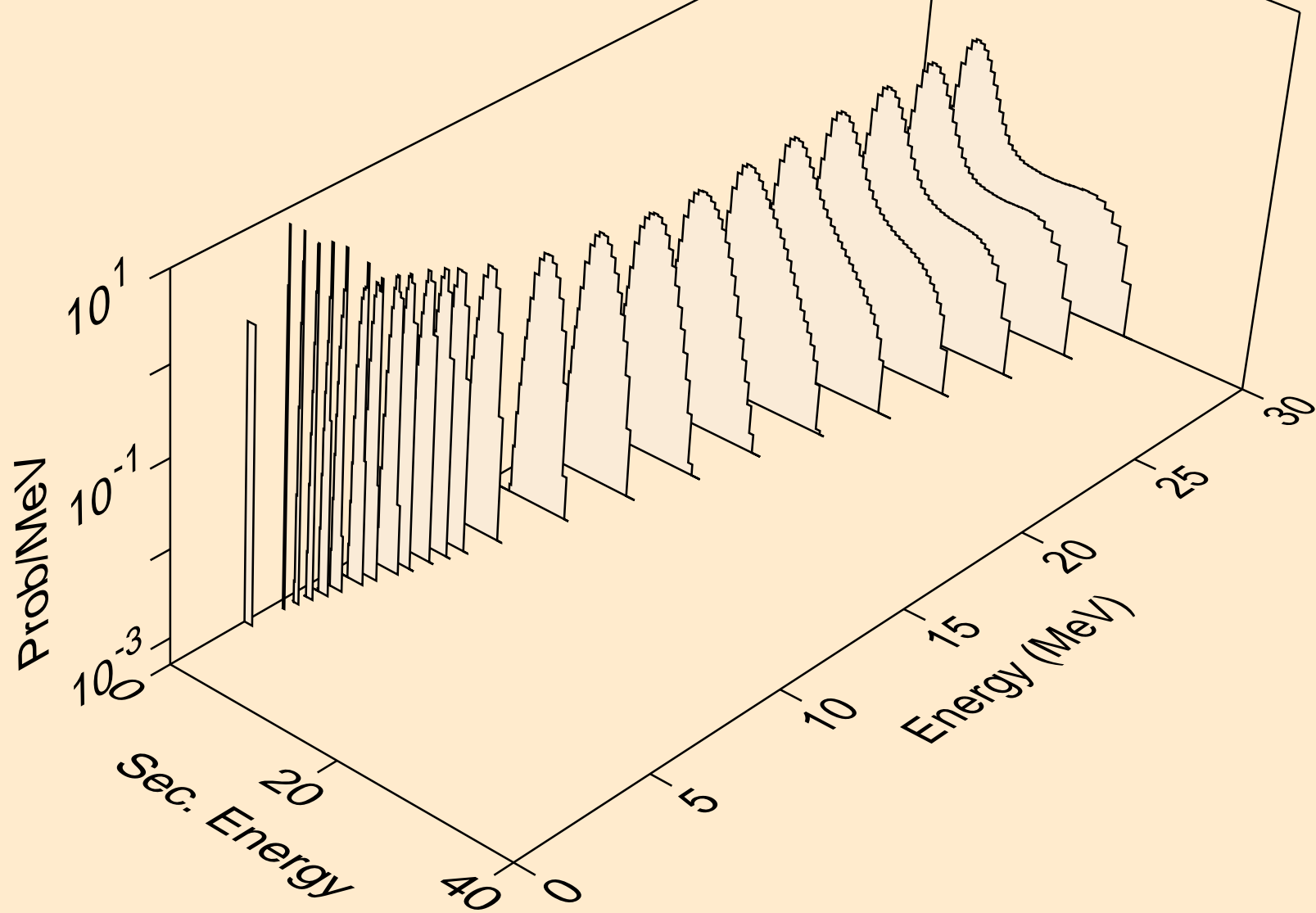
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Particle production cross sections



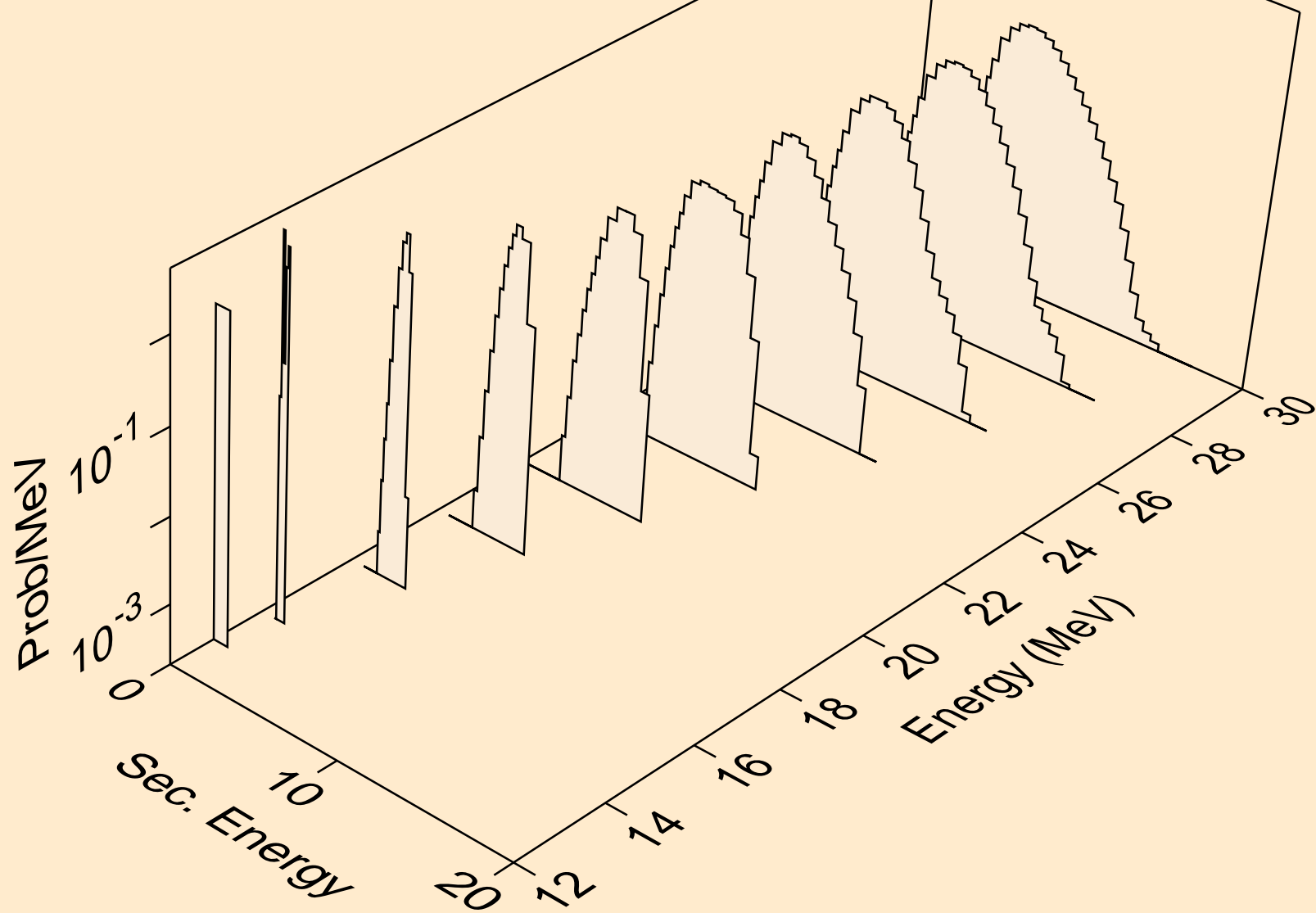
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



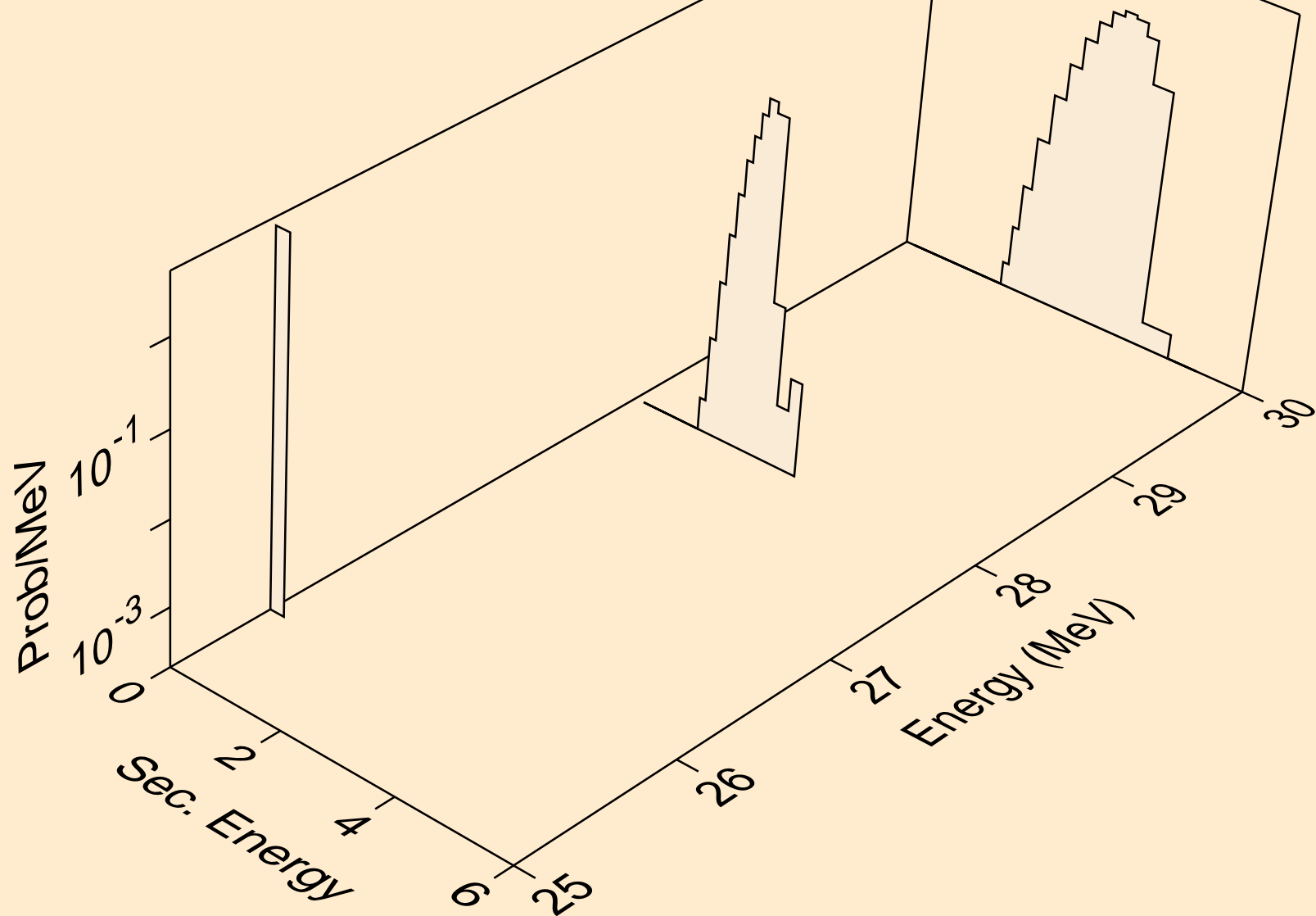
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



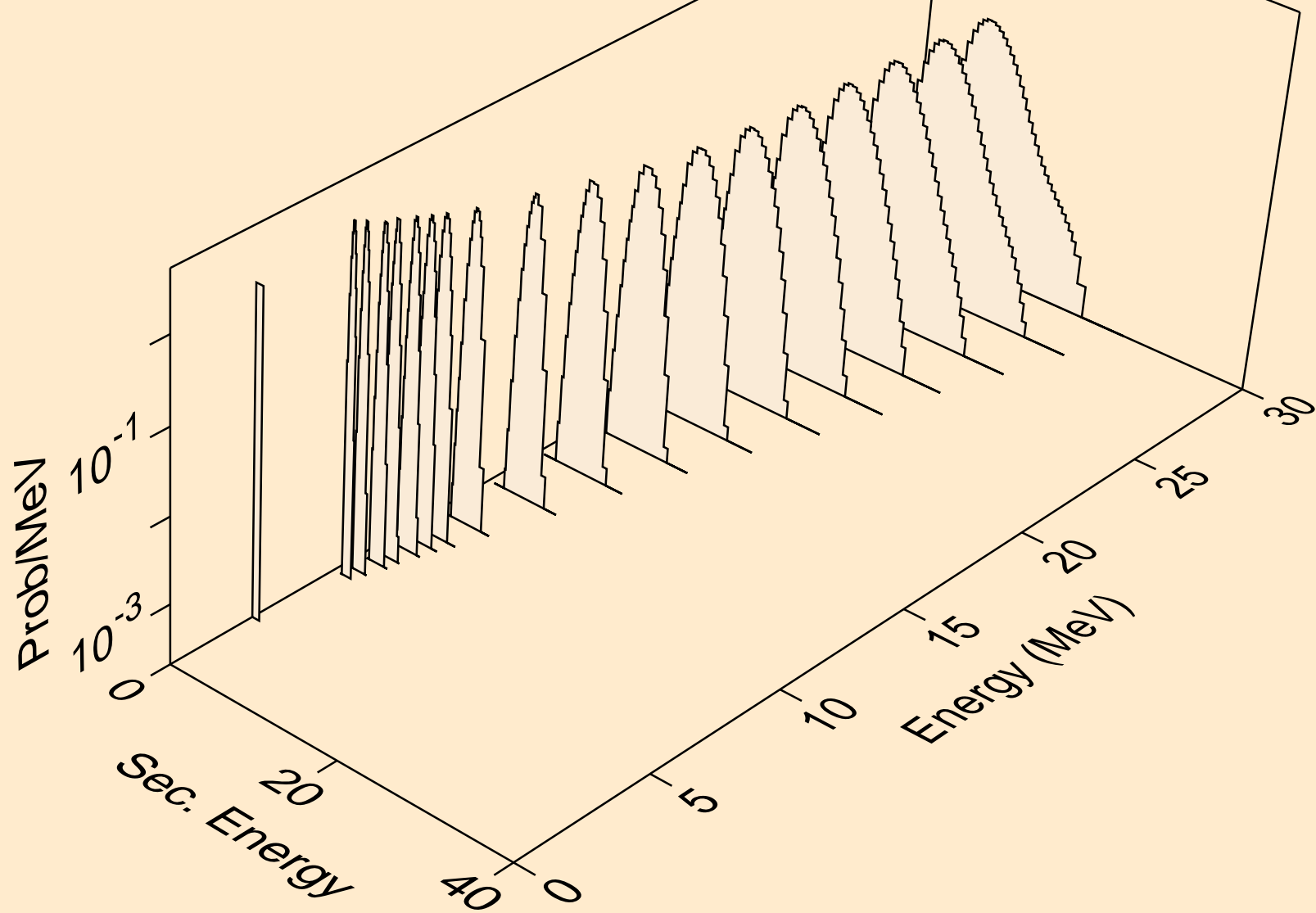
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2np)



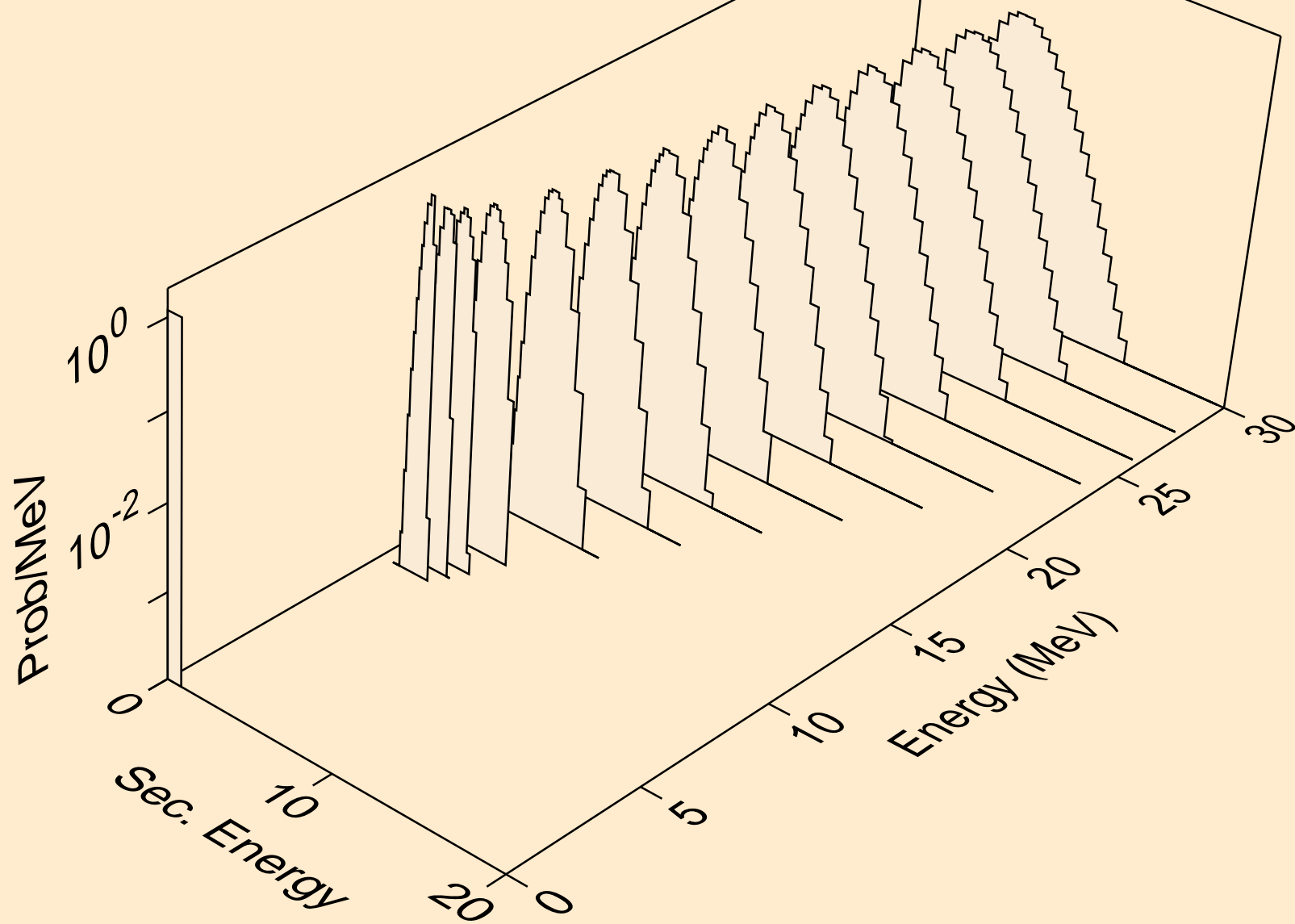
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protons from (n,3np)



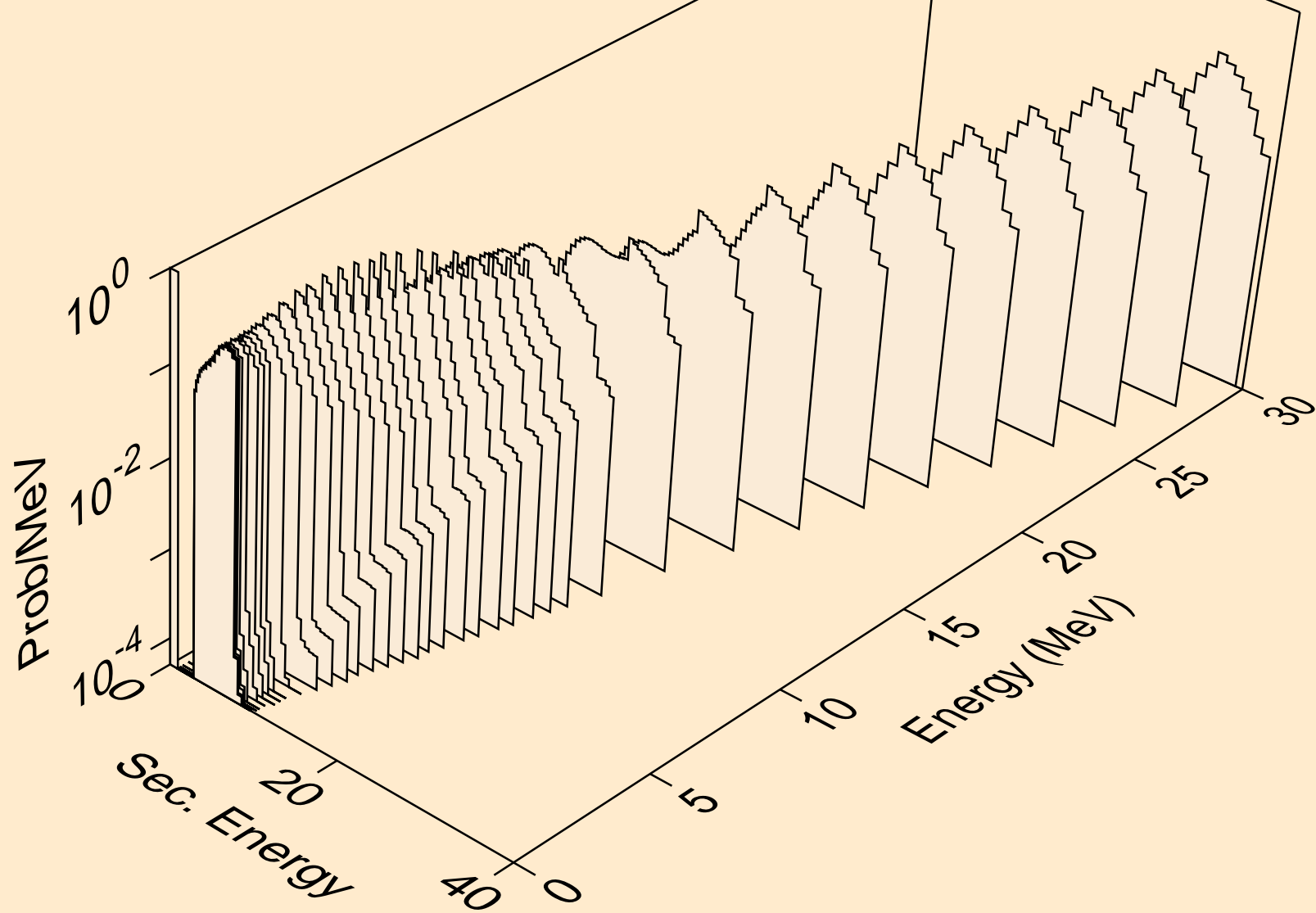
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n2p)



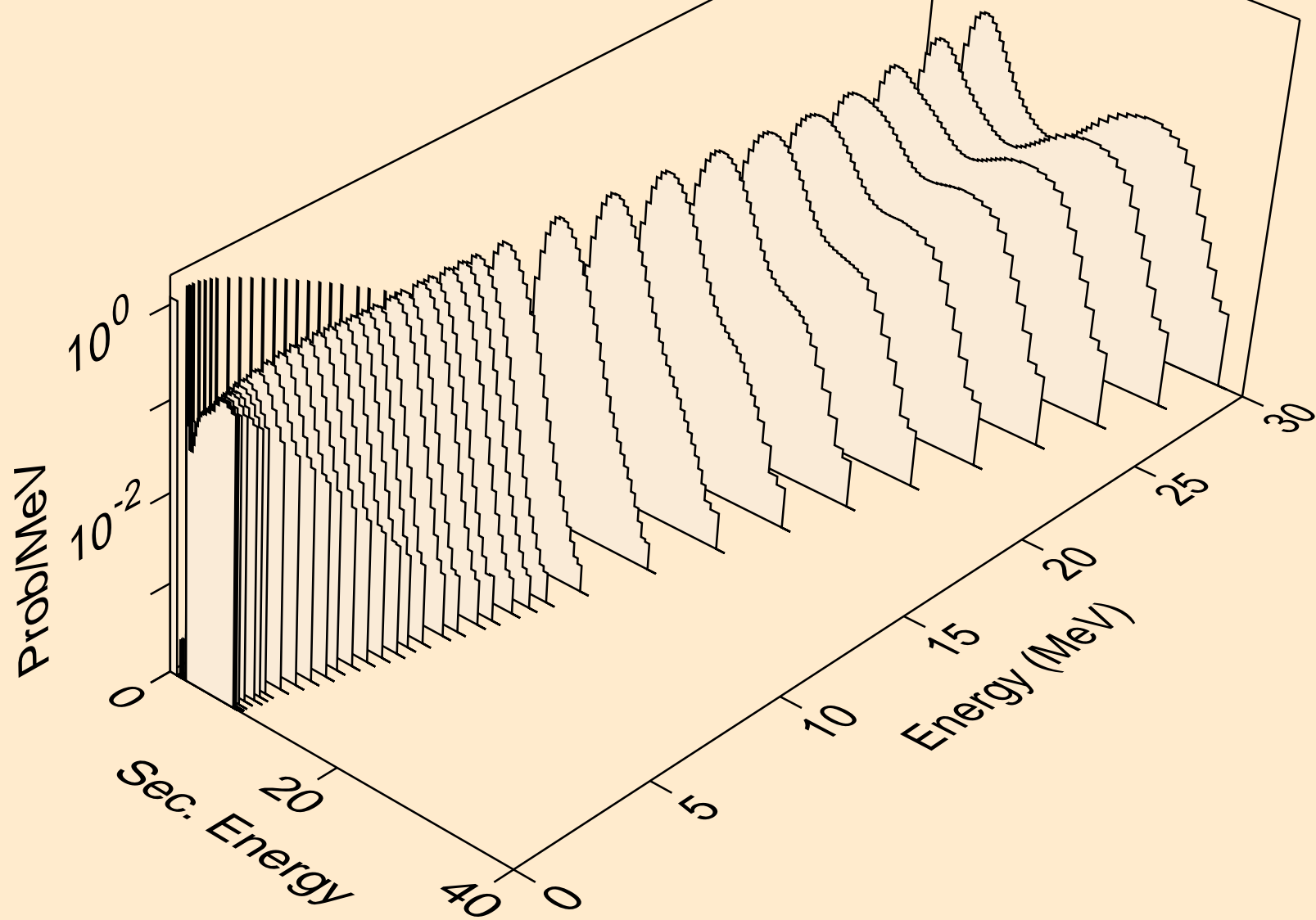
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protons from (n,npa)



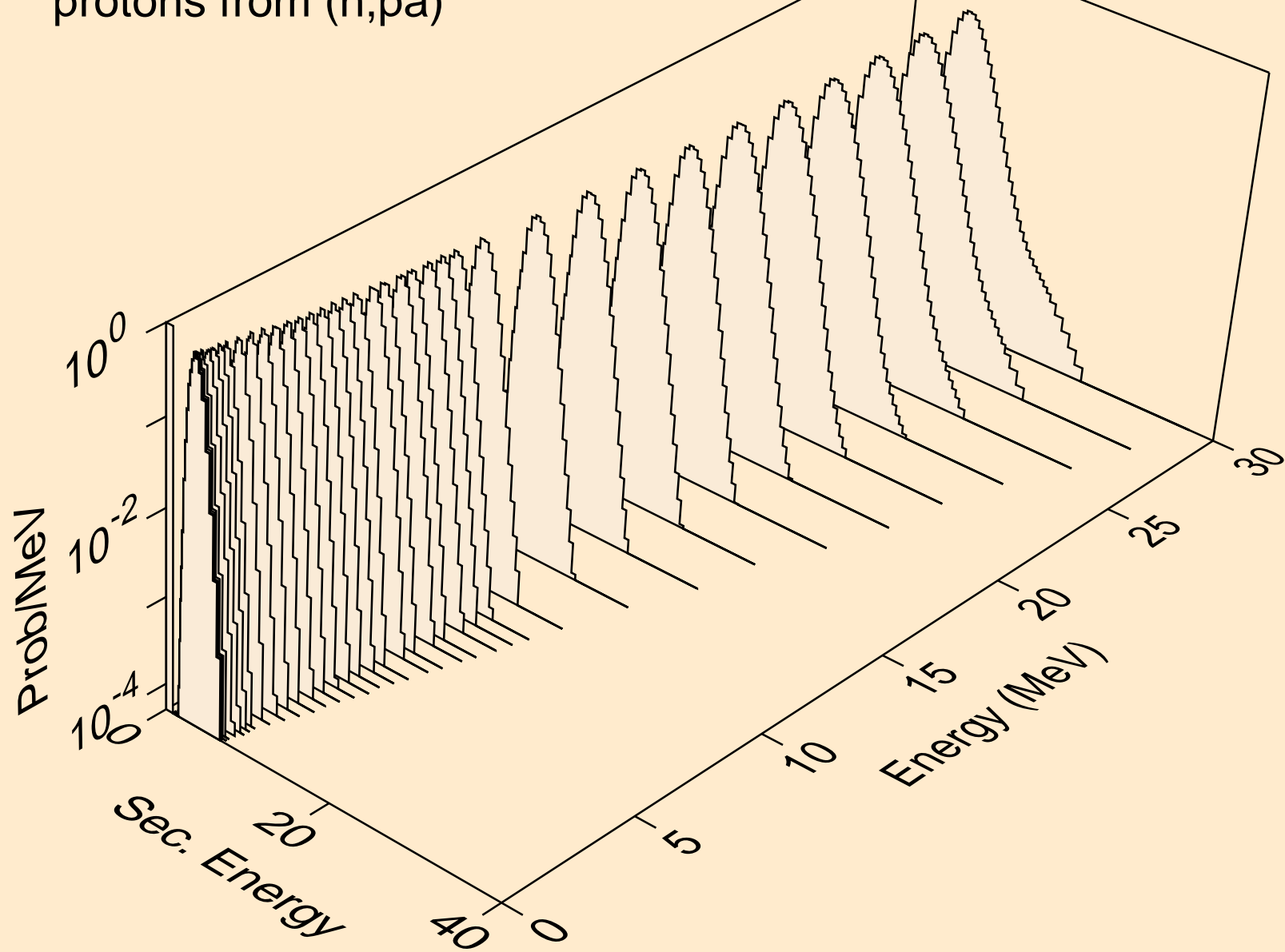
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protons from (n,p)



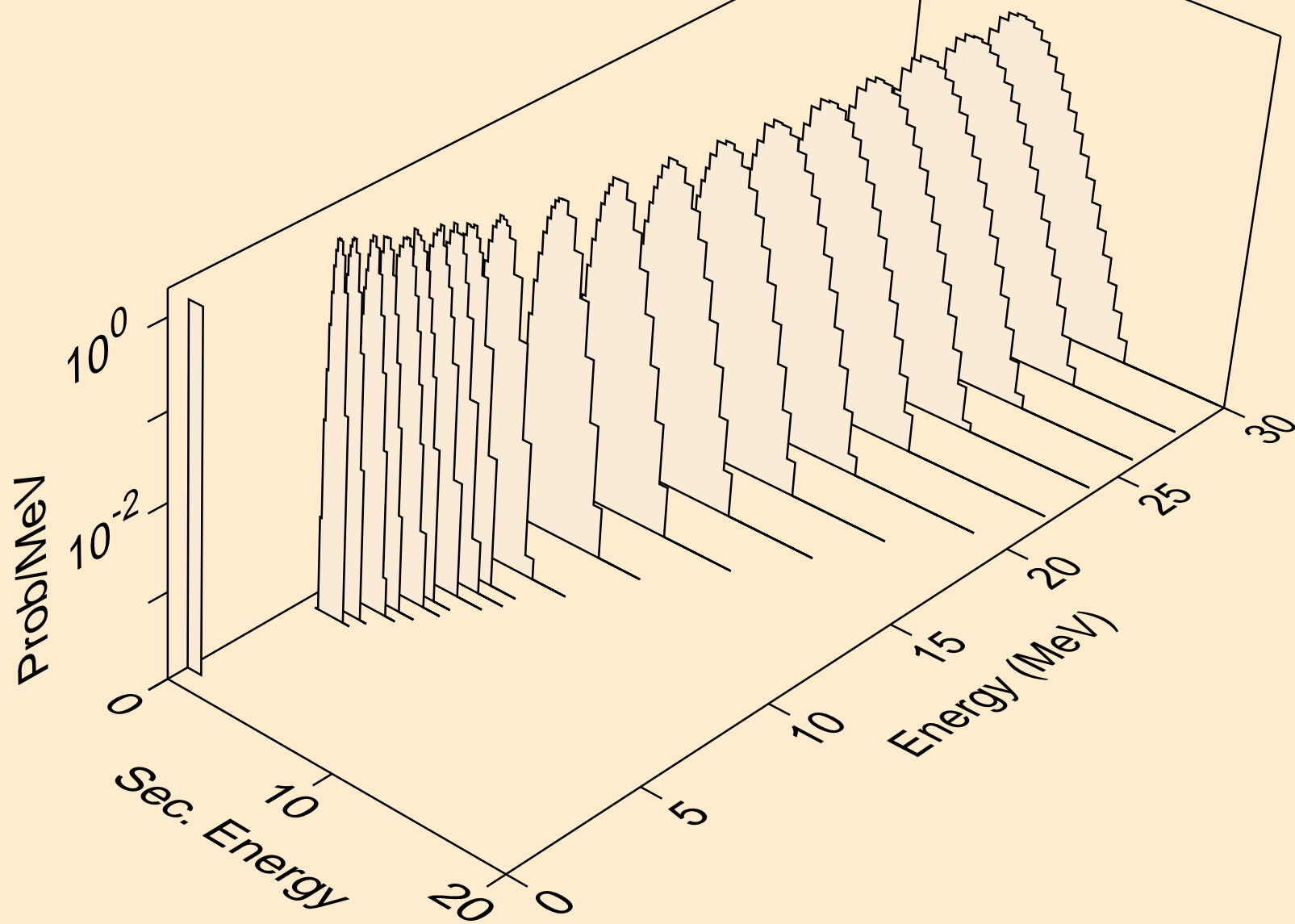
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protons from (n,2p)



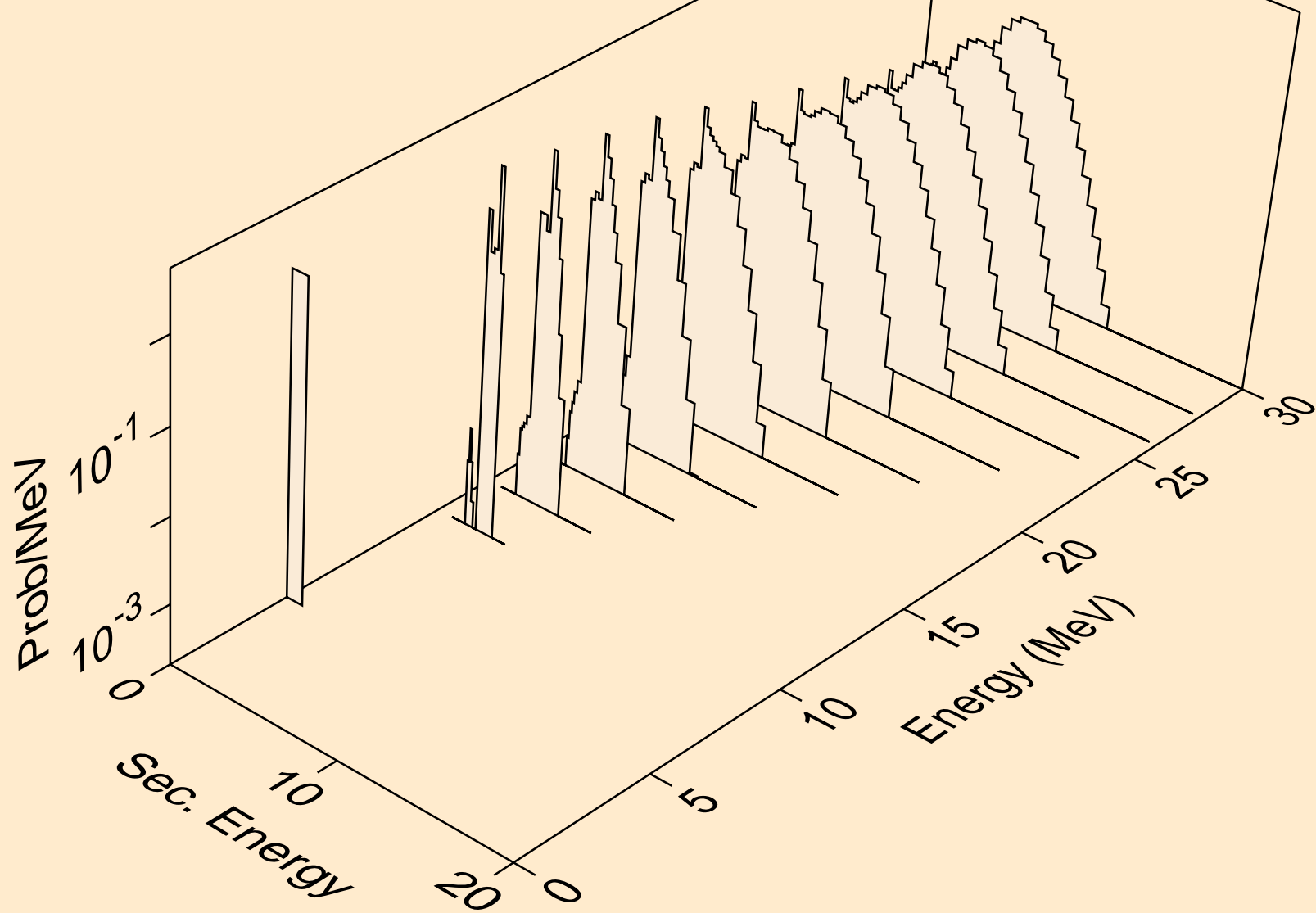
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protons from (n,p)



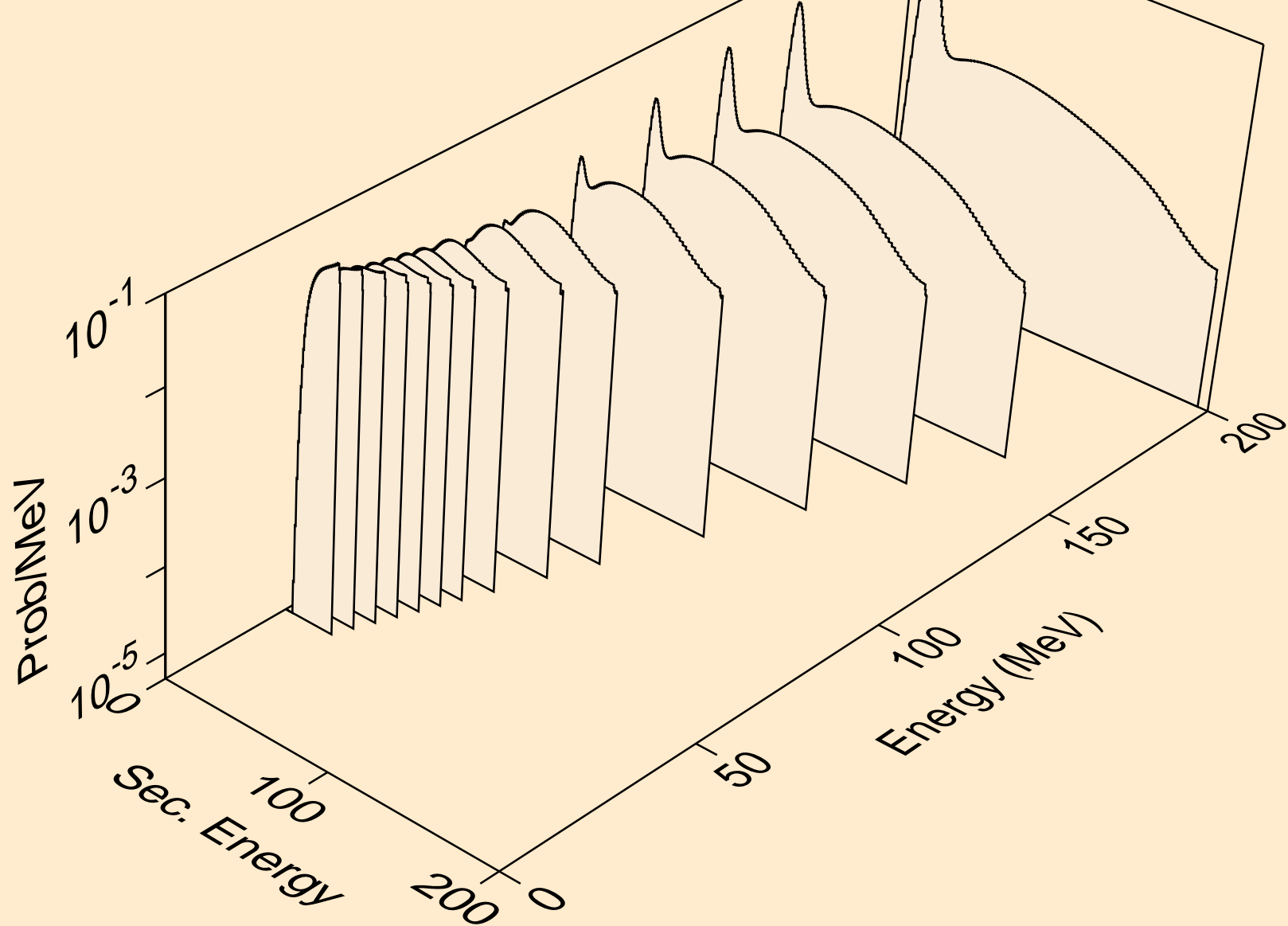
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protons from (n,pd)



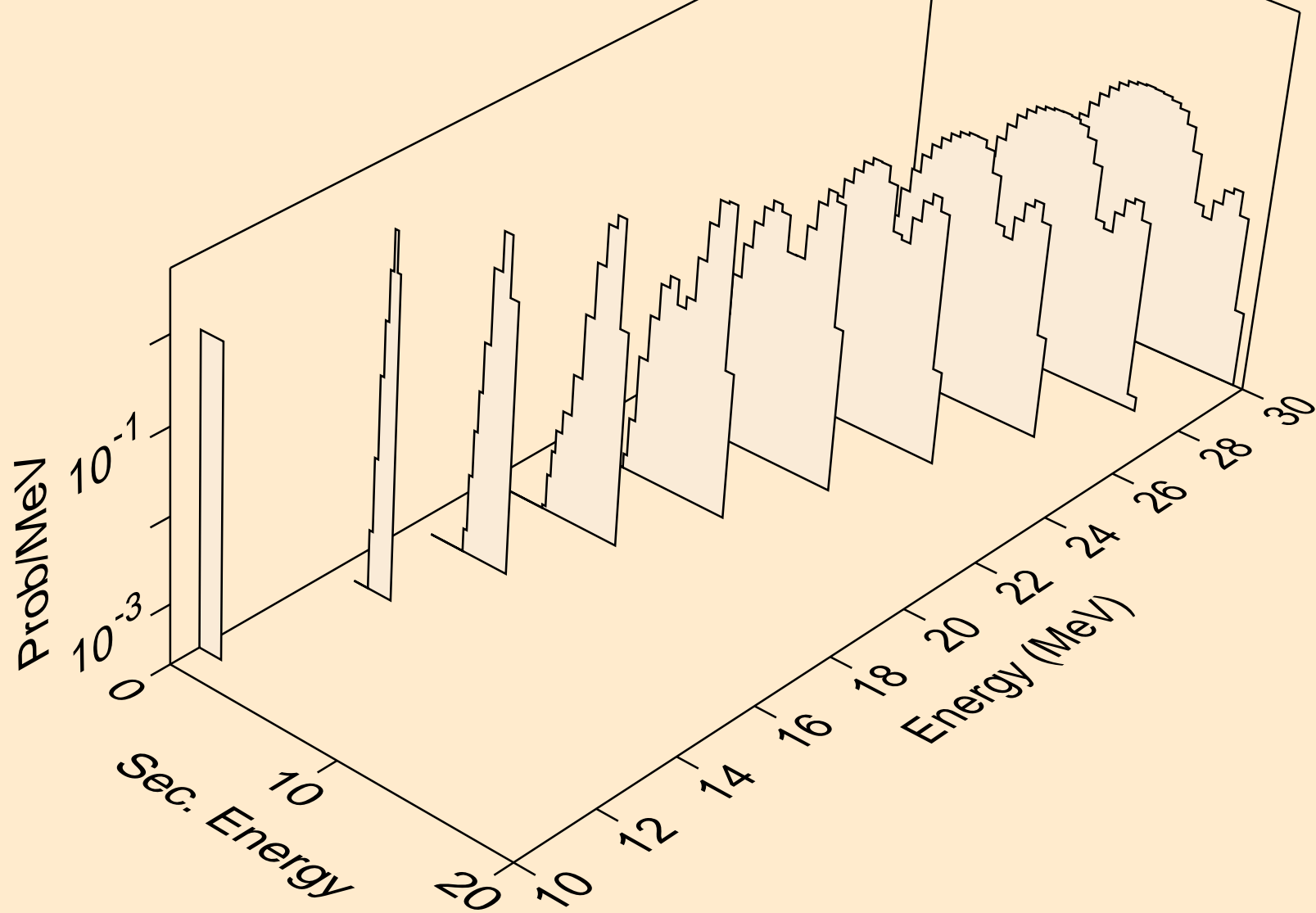
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protons from (n,pt)



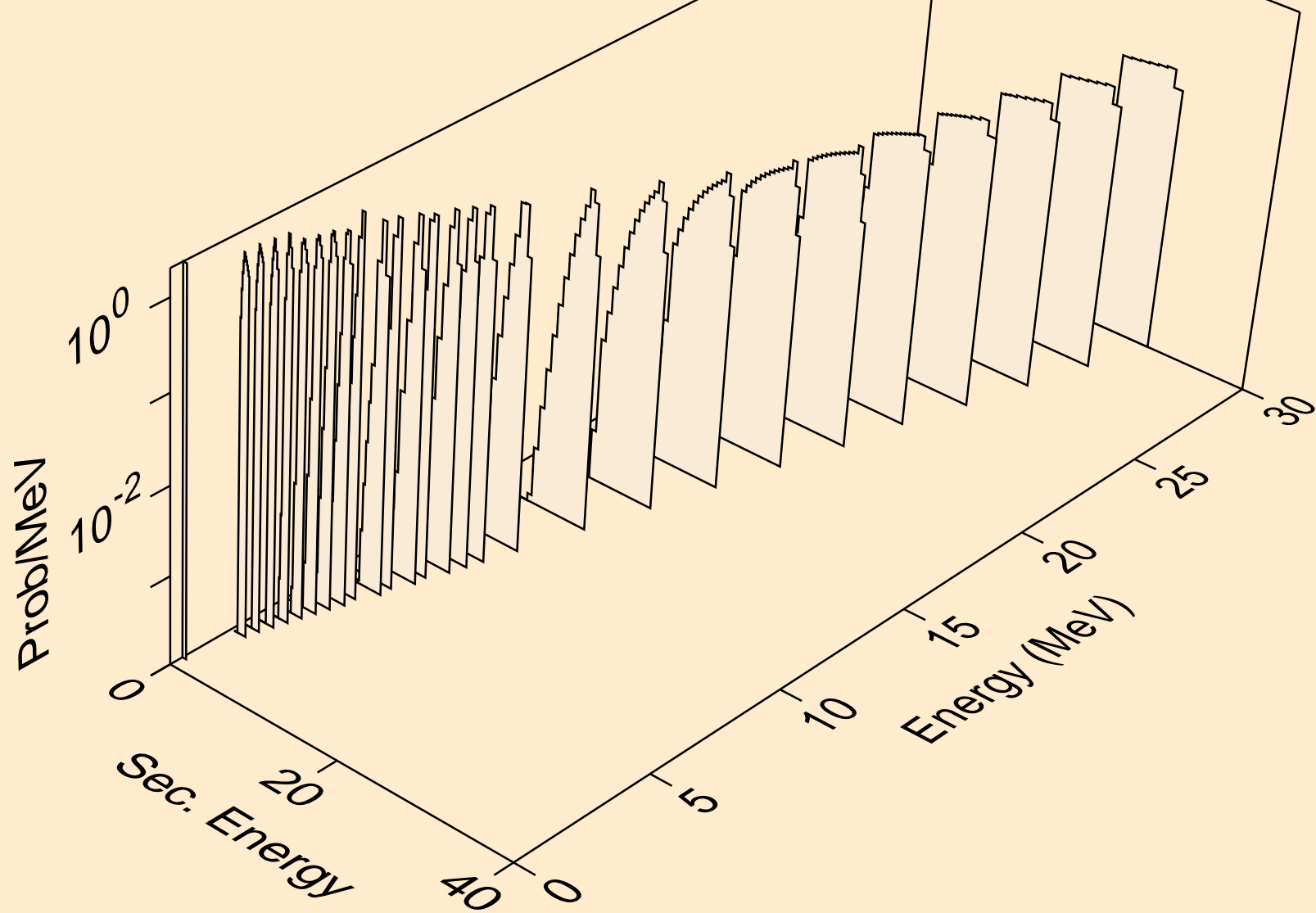
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deuterons from (n,x)



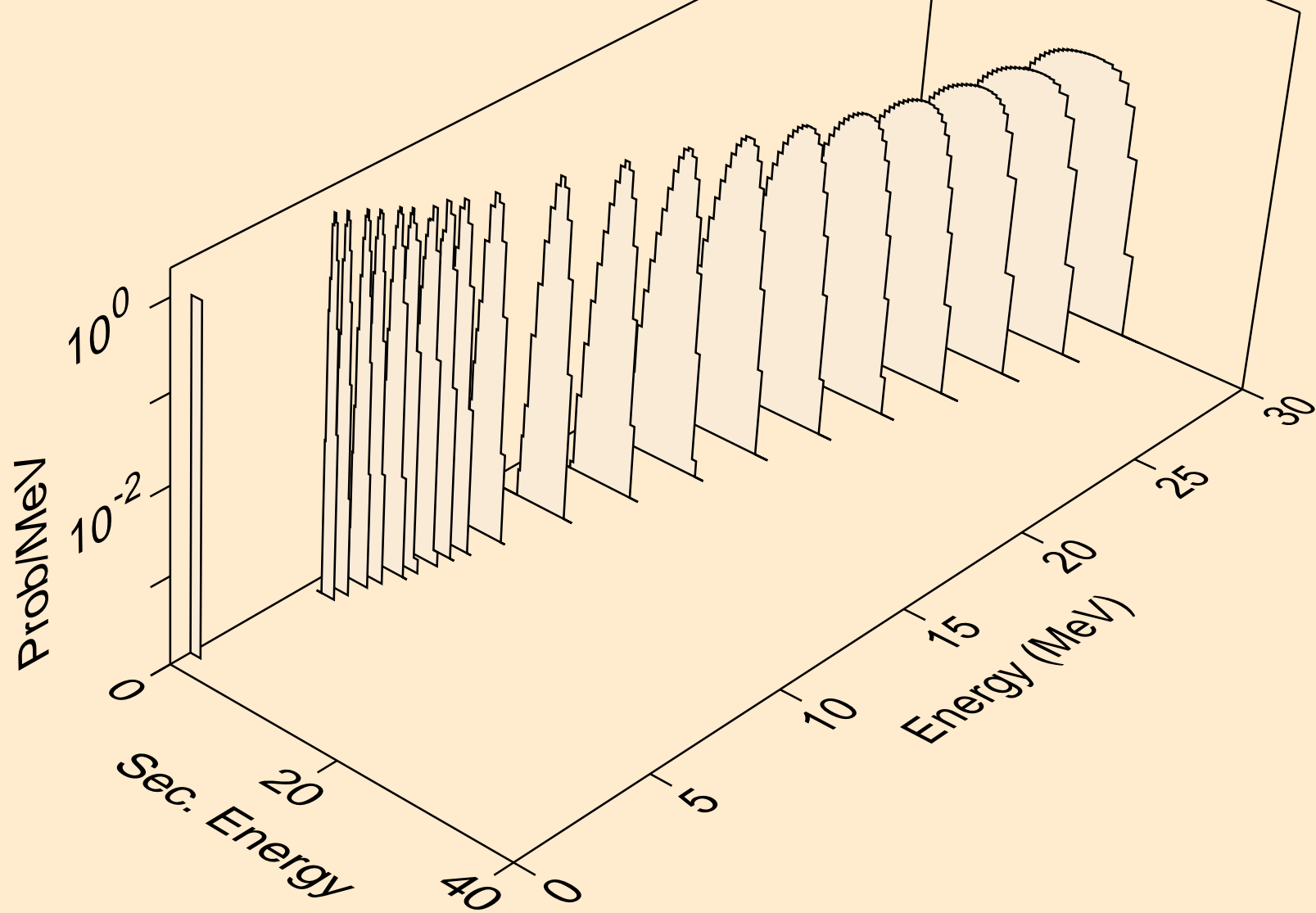
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



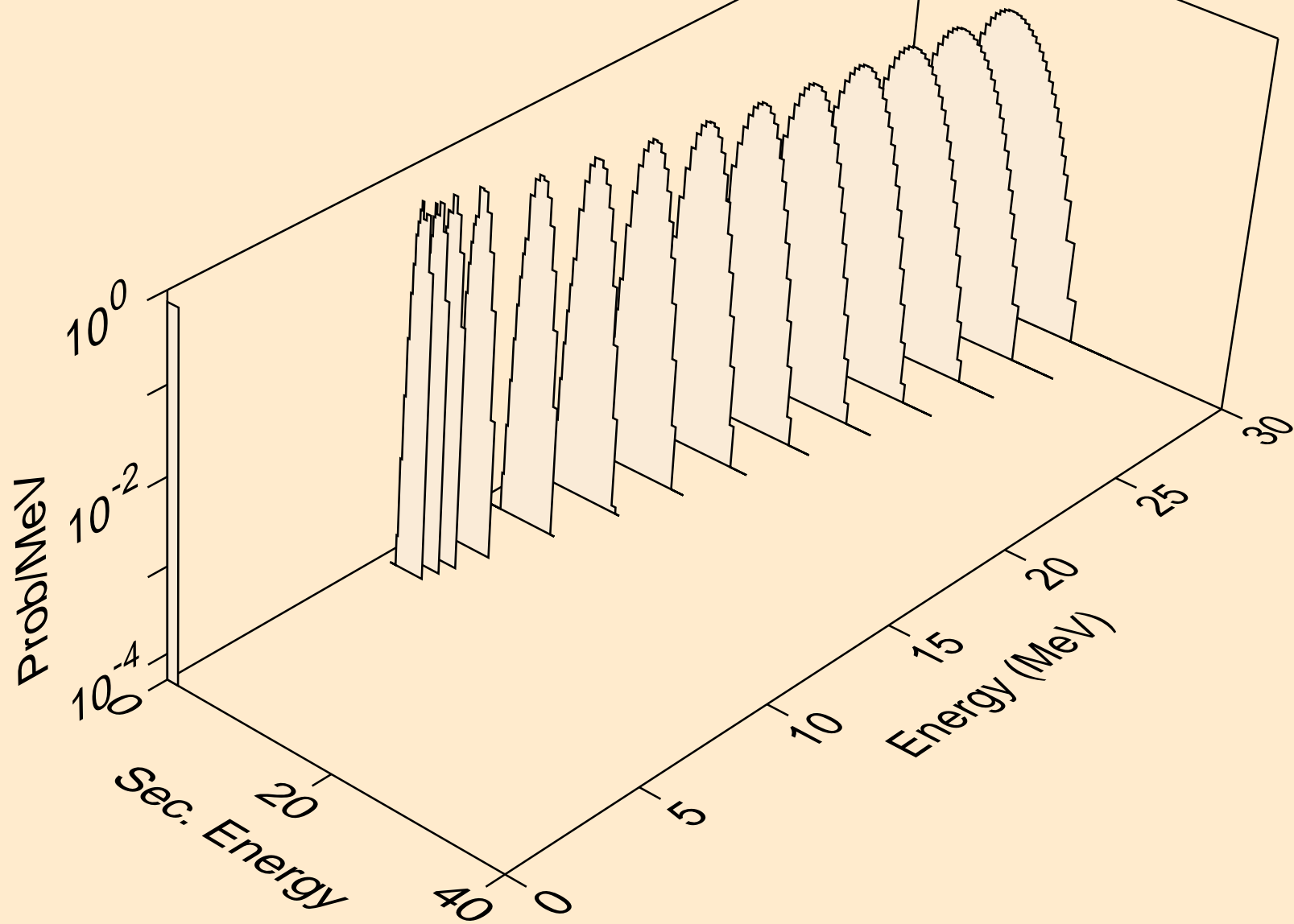
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deuterons from (n,d)



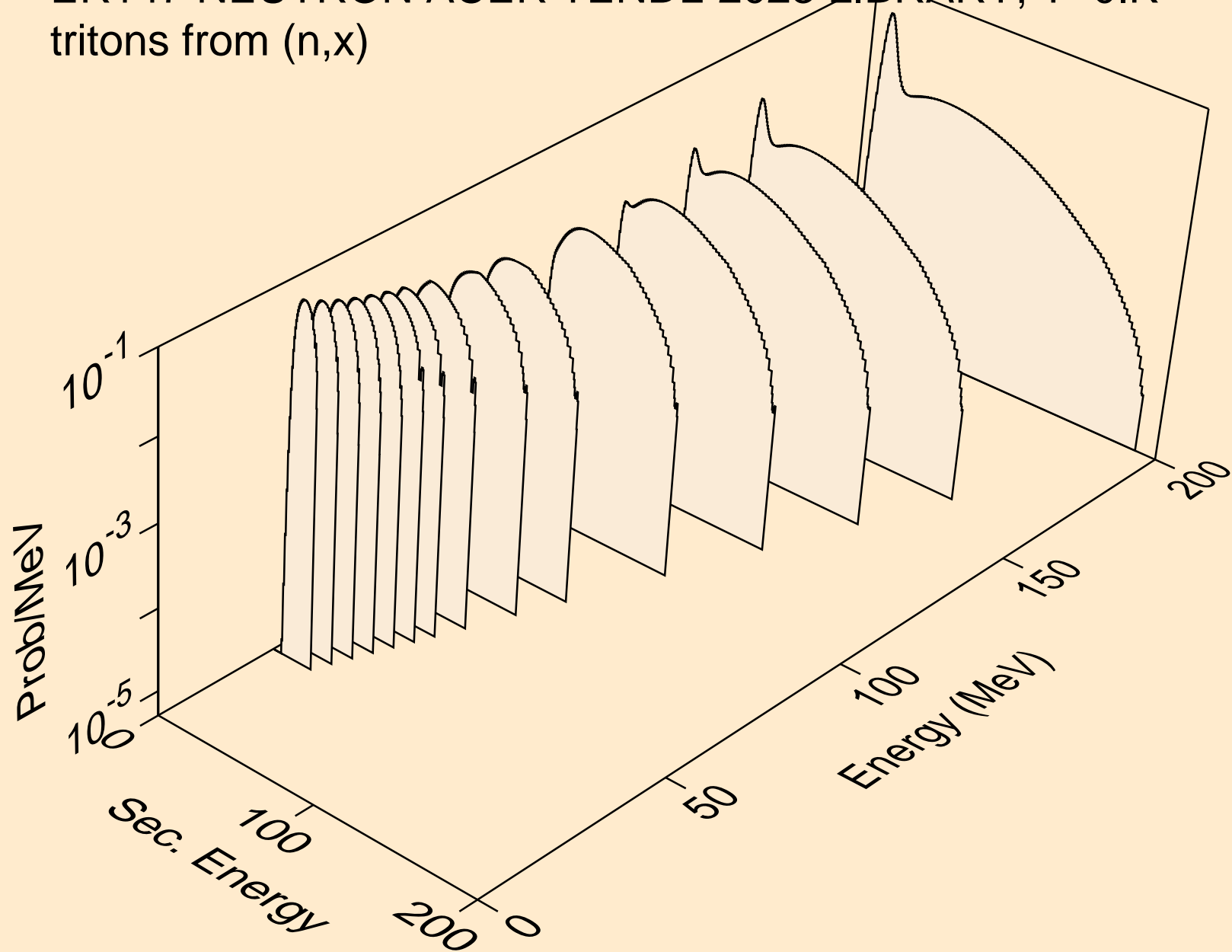
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,pd)



ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,da)

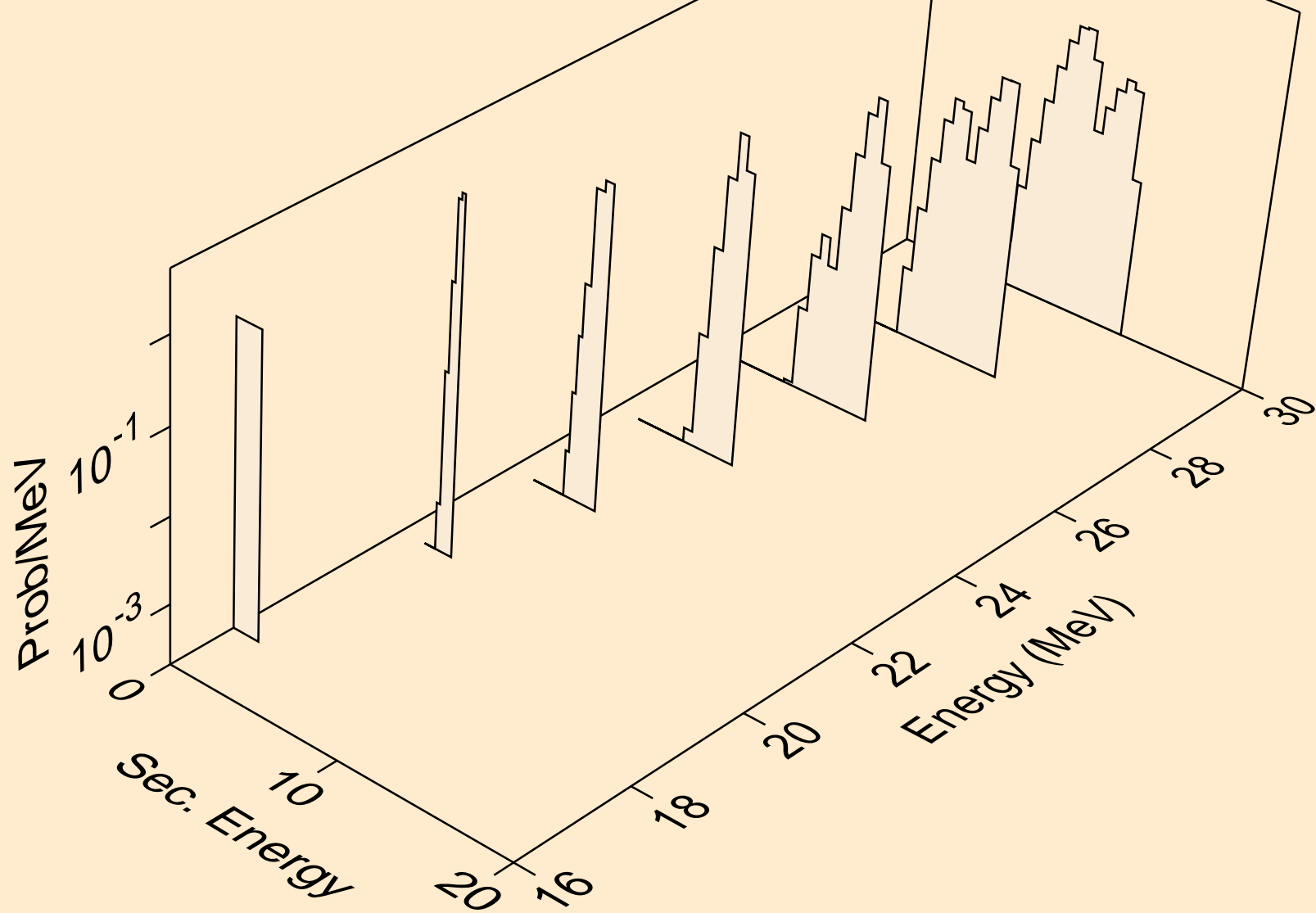


ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)

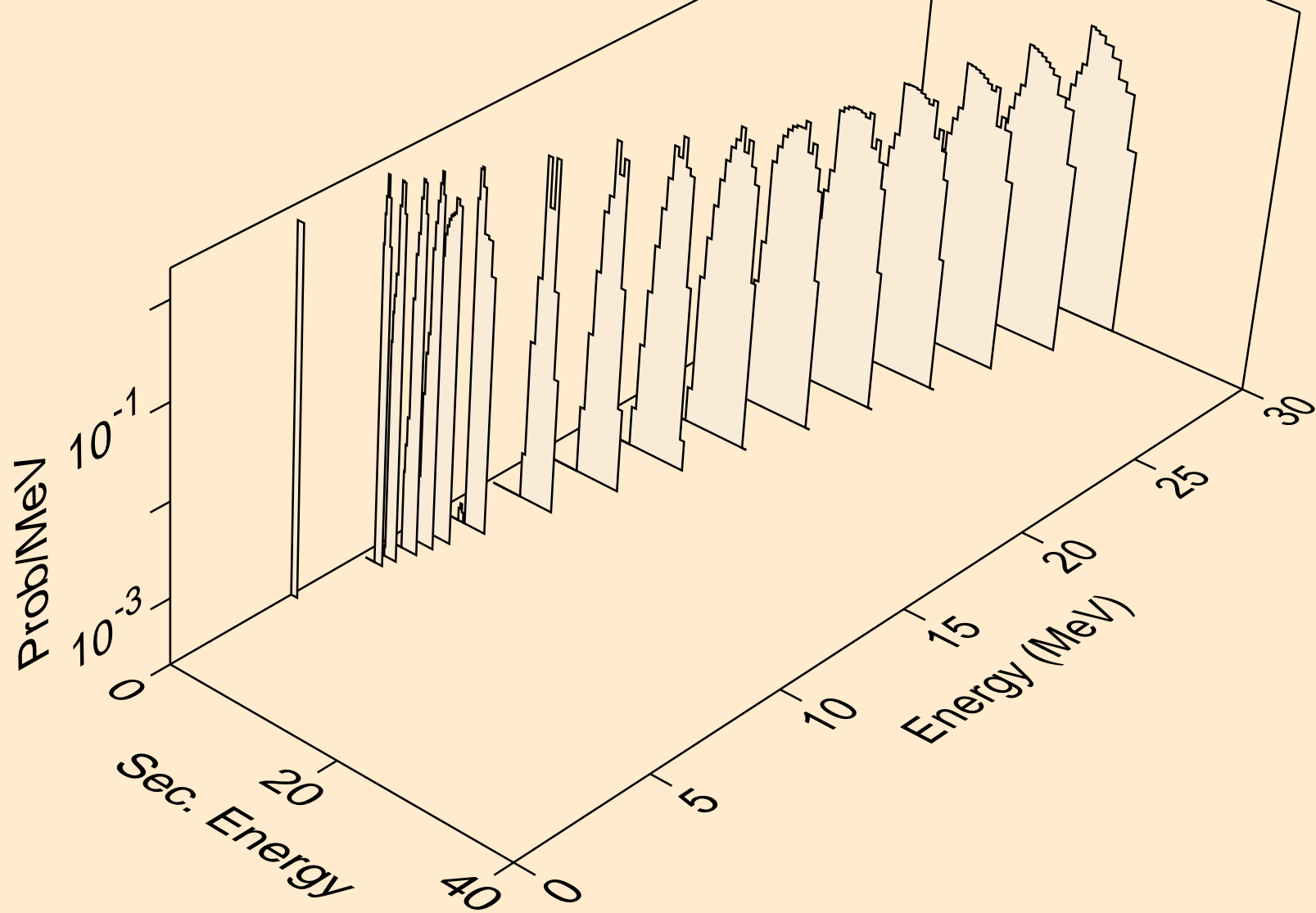


ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

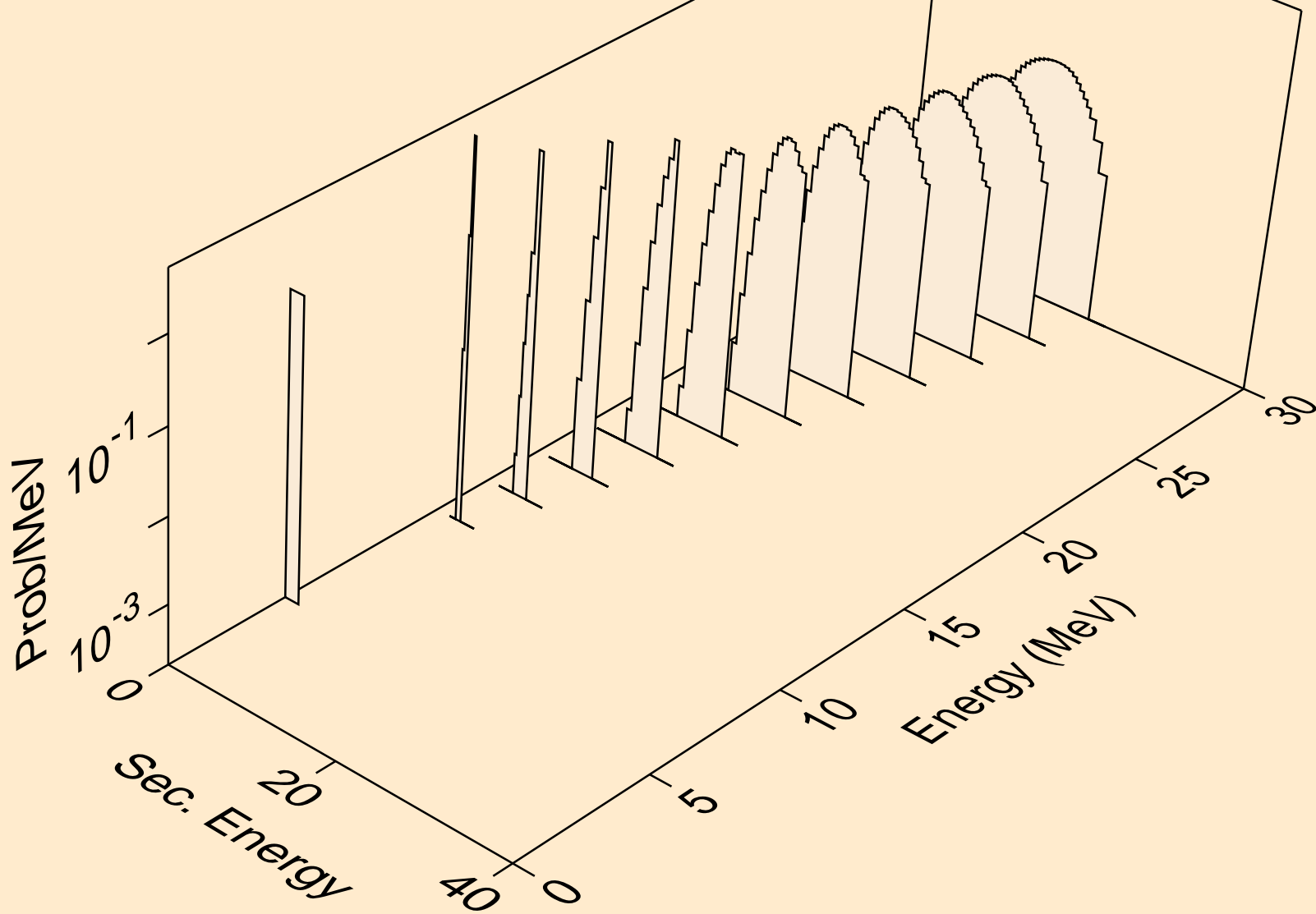
tritons from (n,n*)t



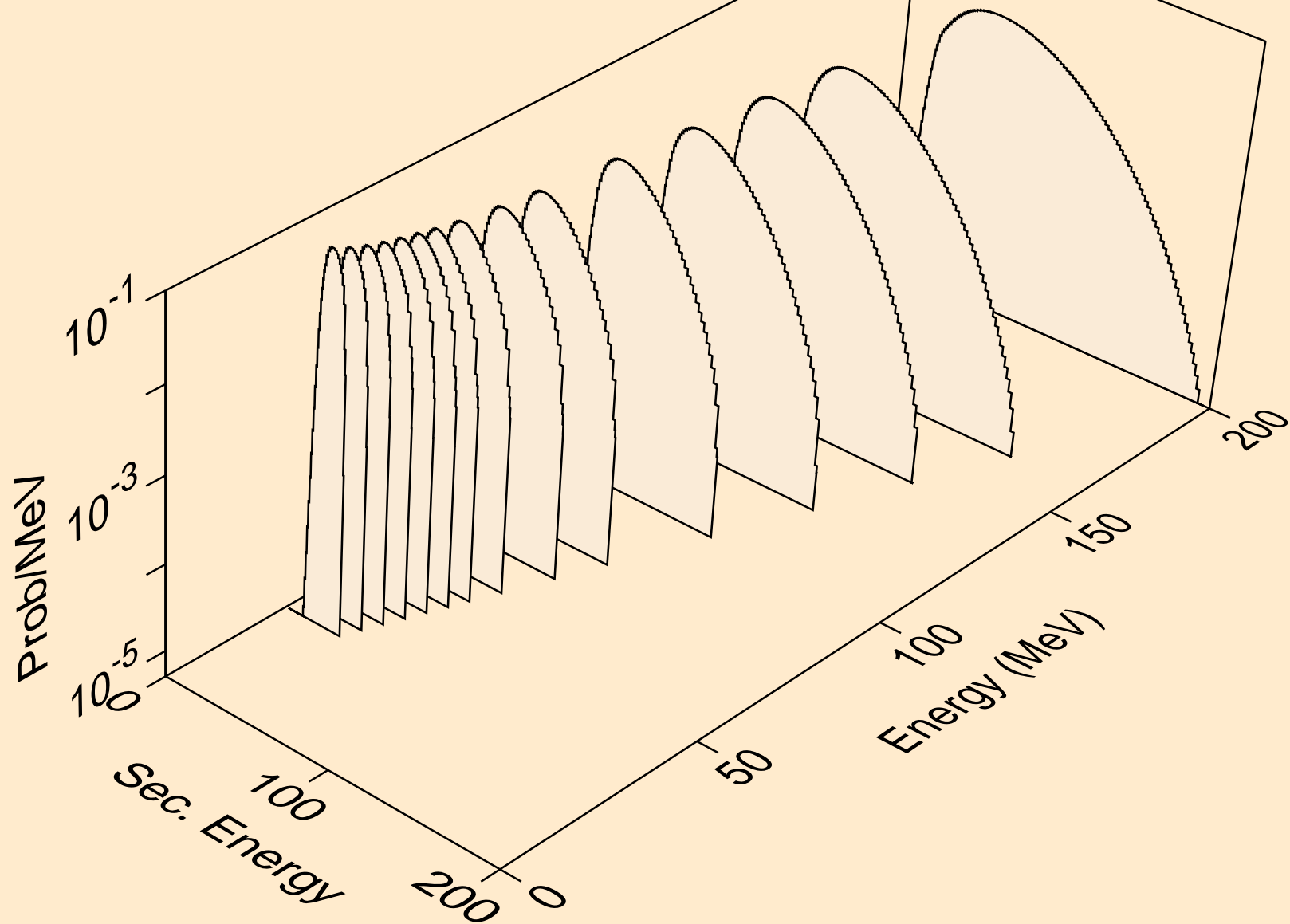
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tritons from (n,t)



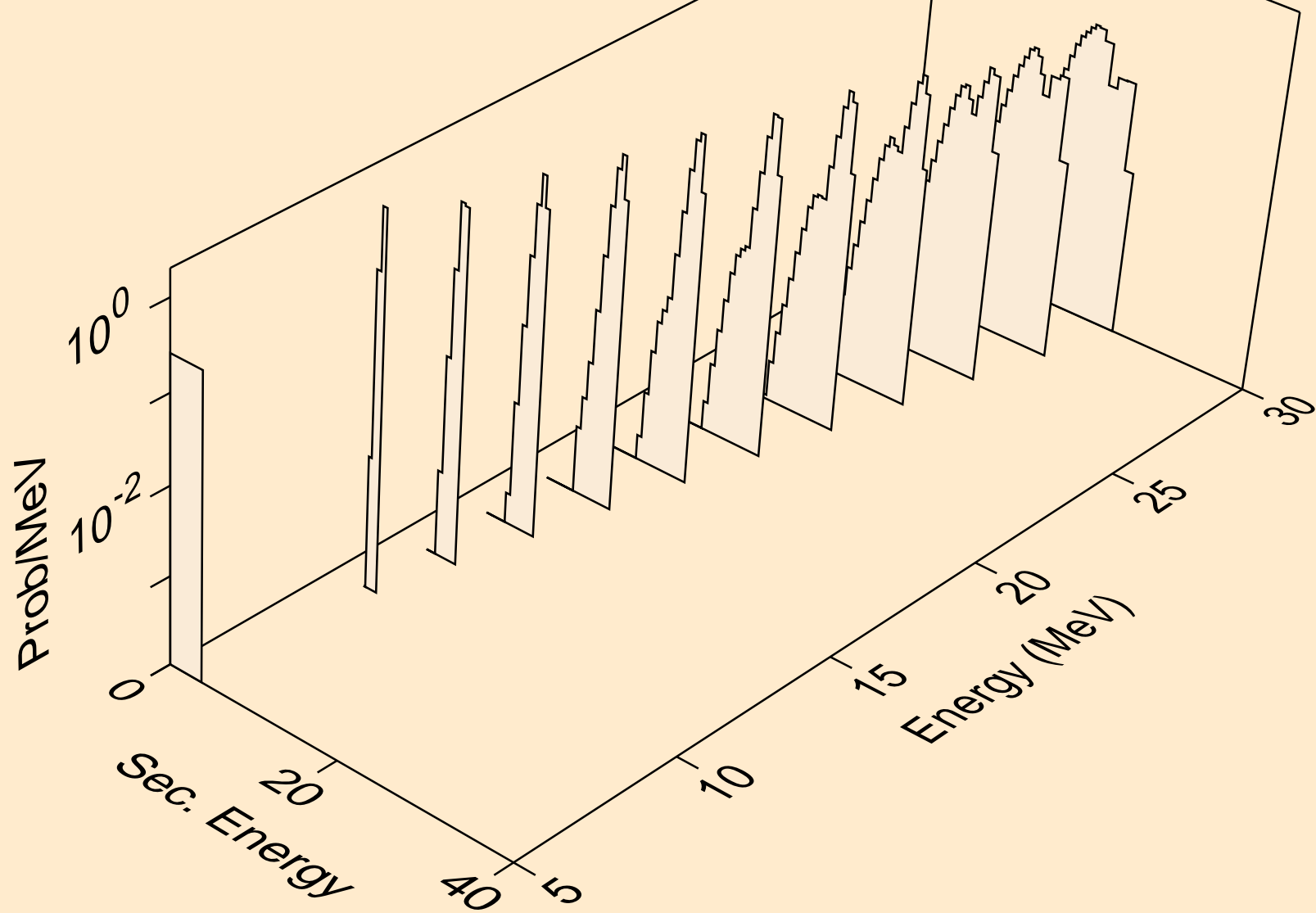
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tritons from (n,pt)



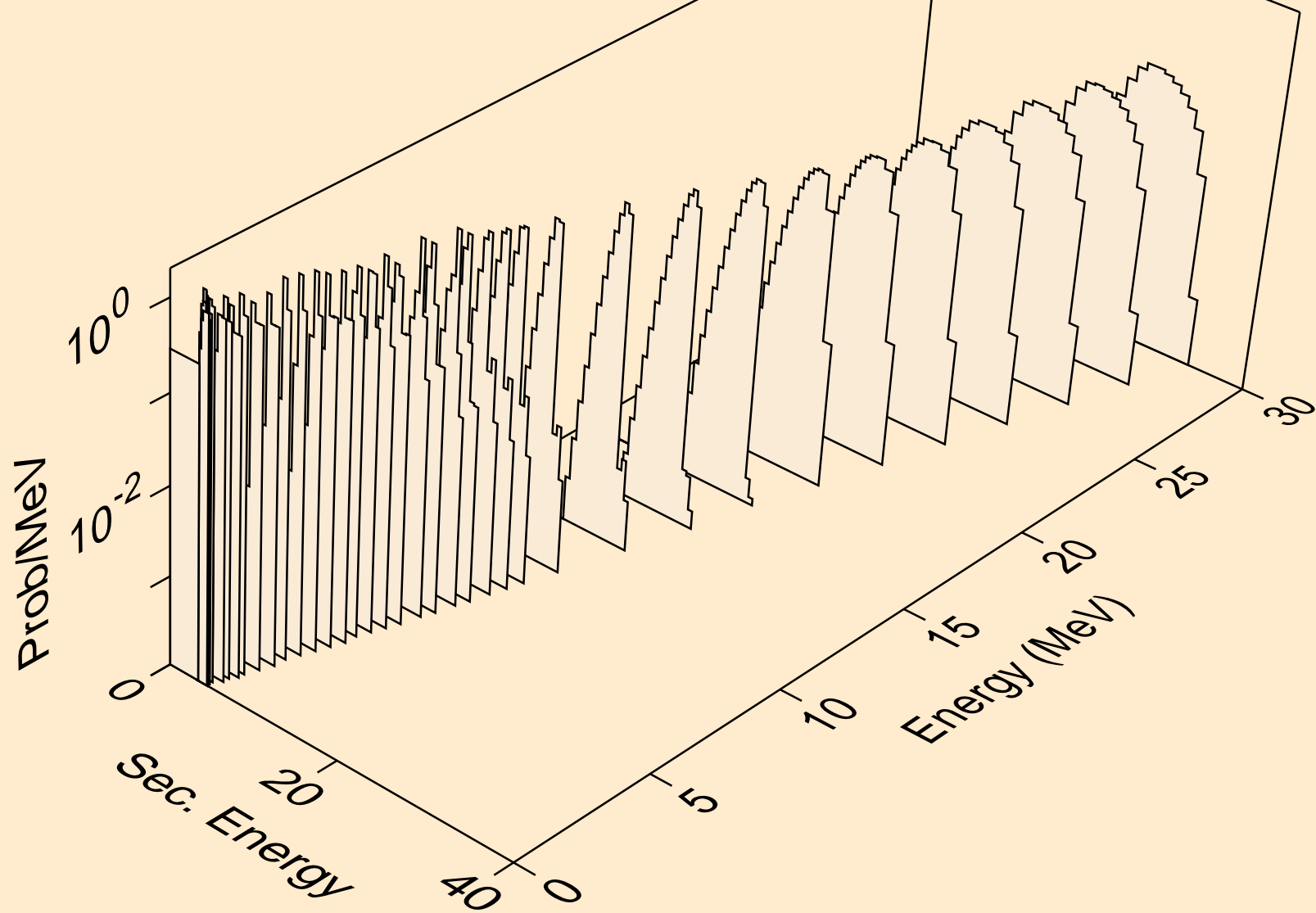
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he3s from (n,x)



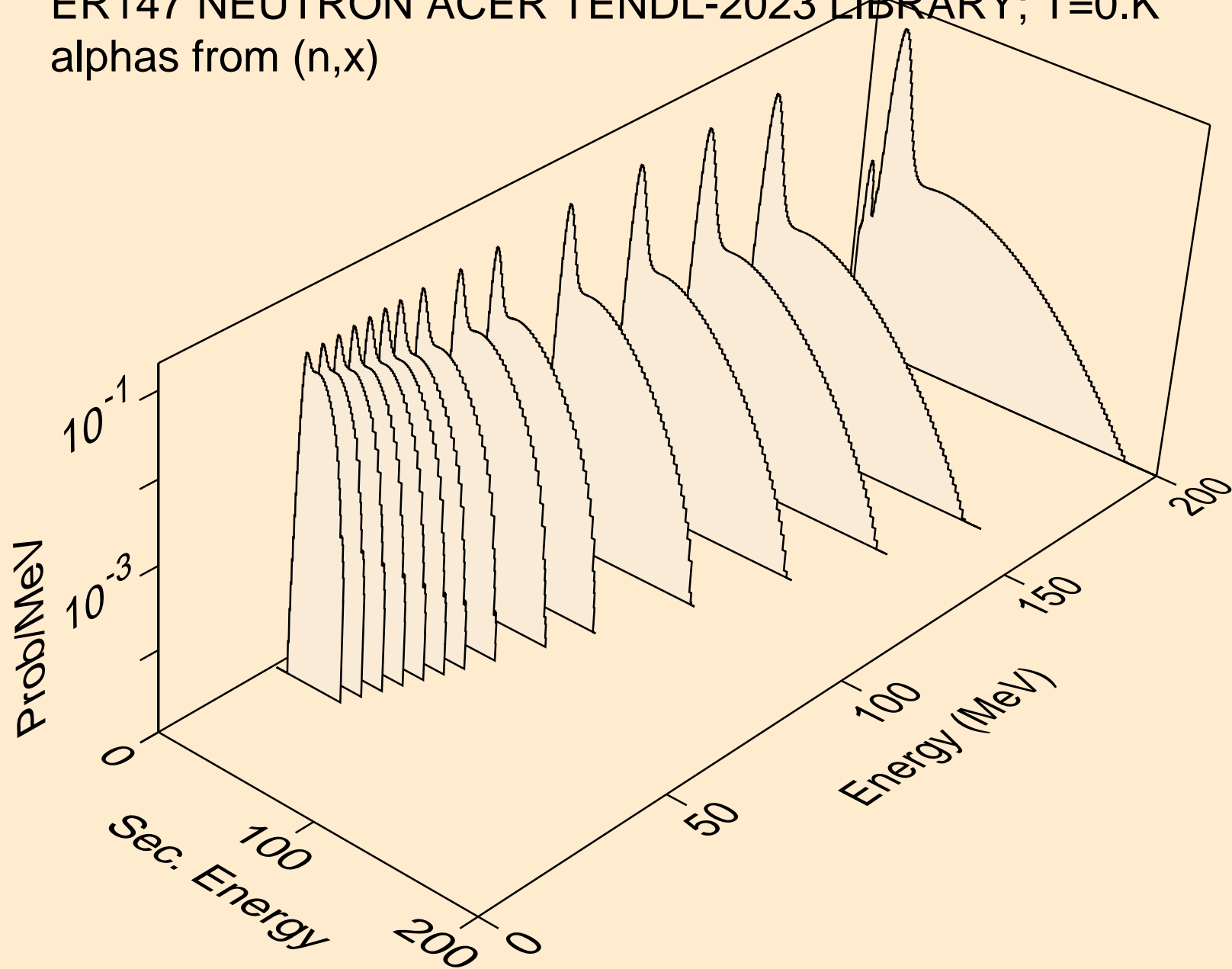
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he3s from (n,n*)he3



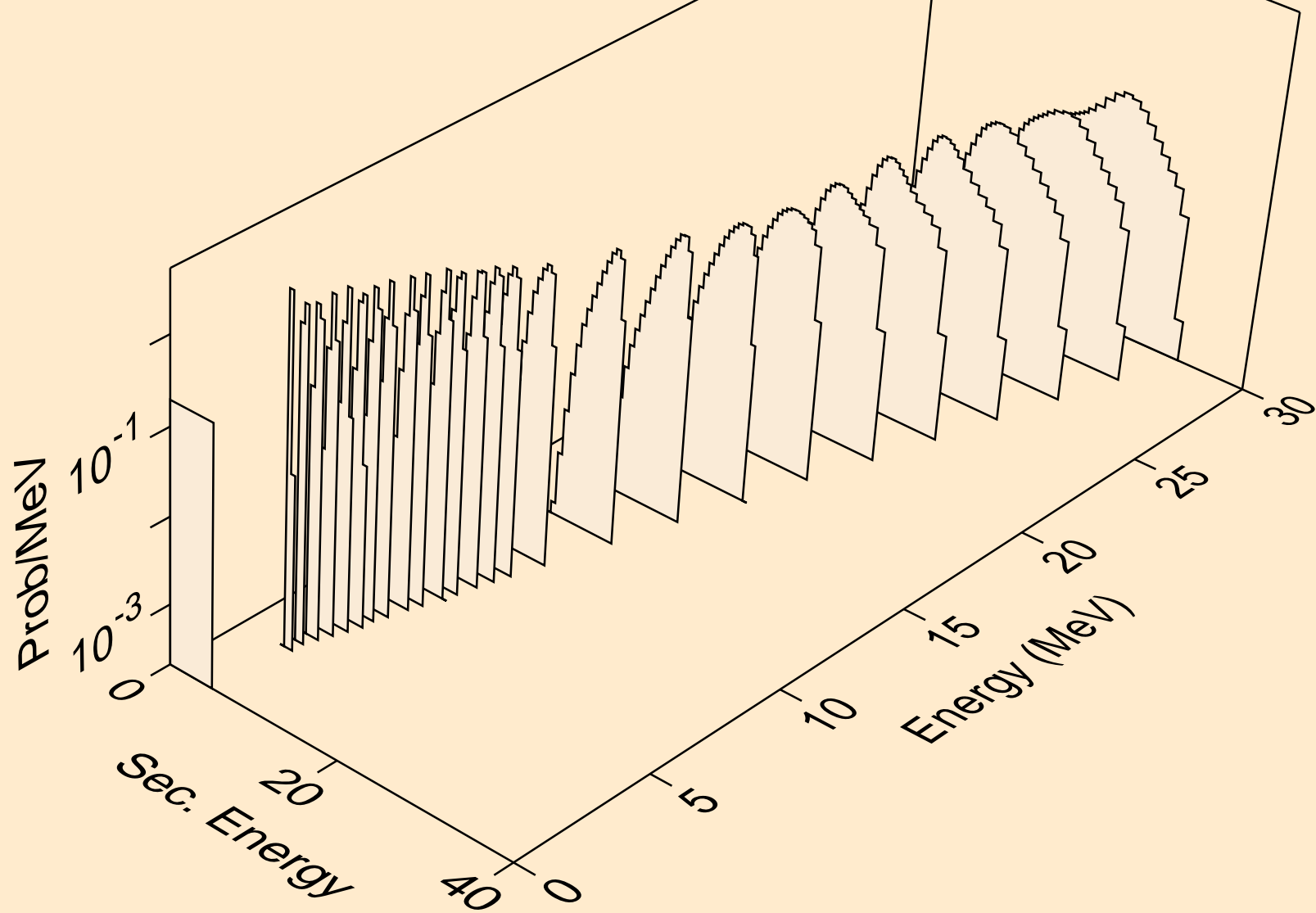
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he3s from (n,he3)



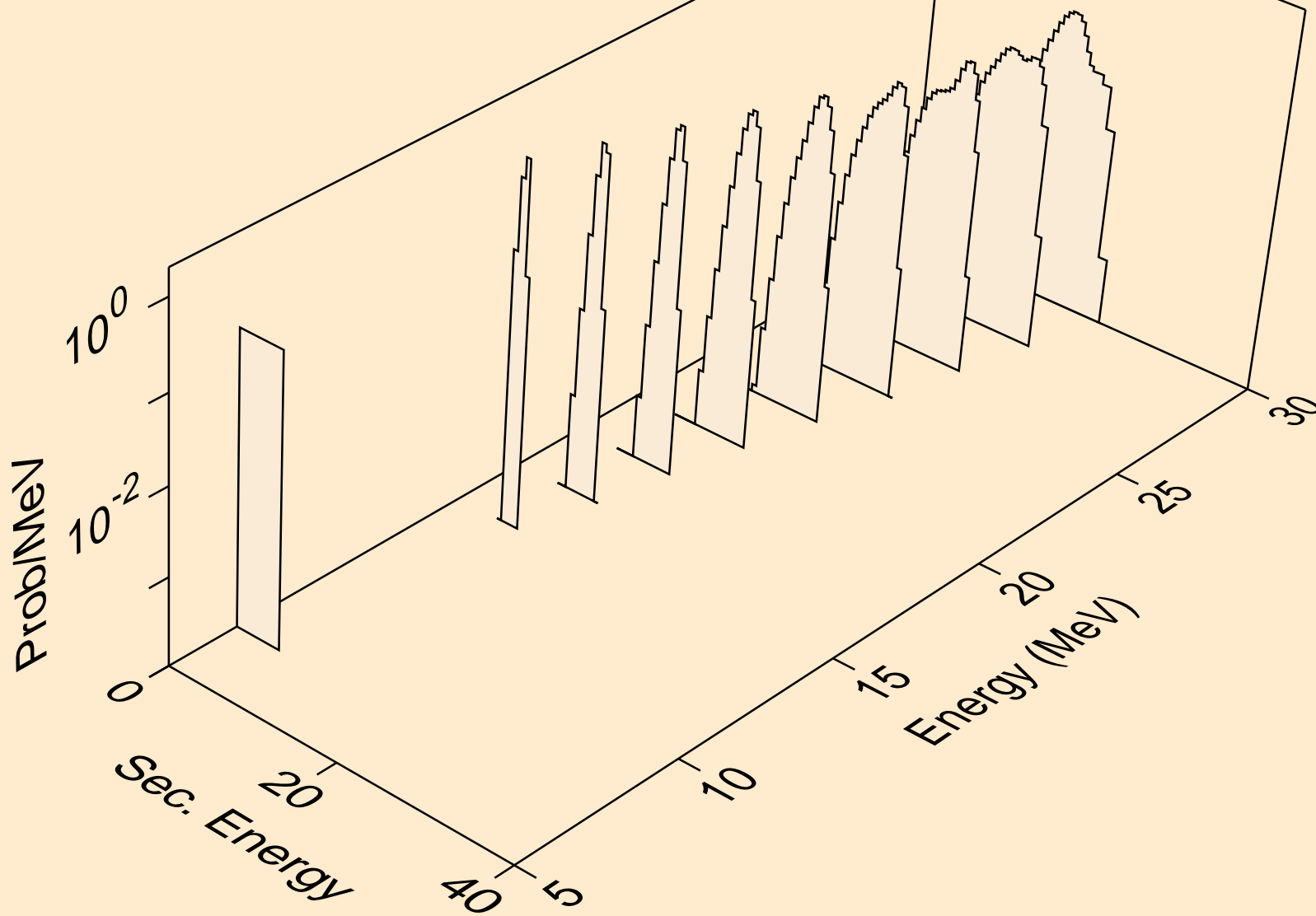
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



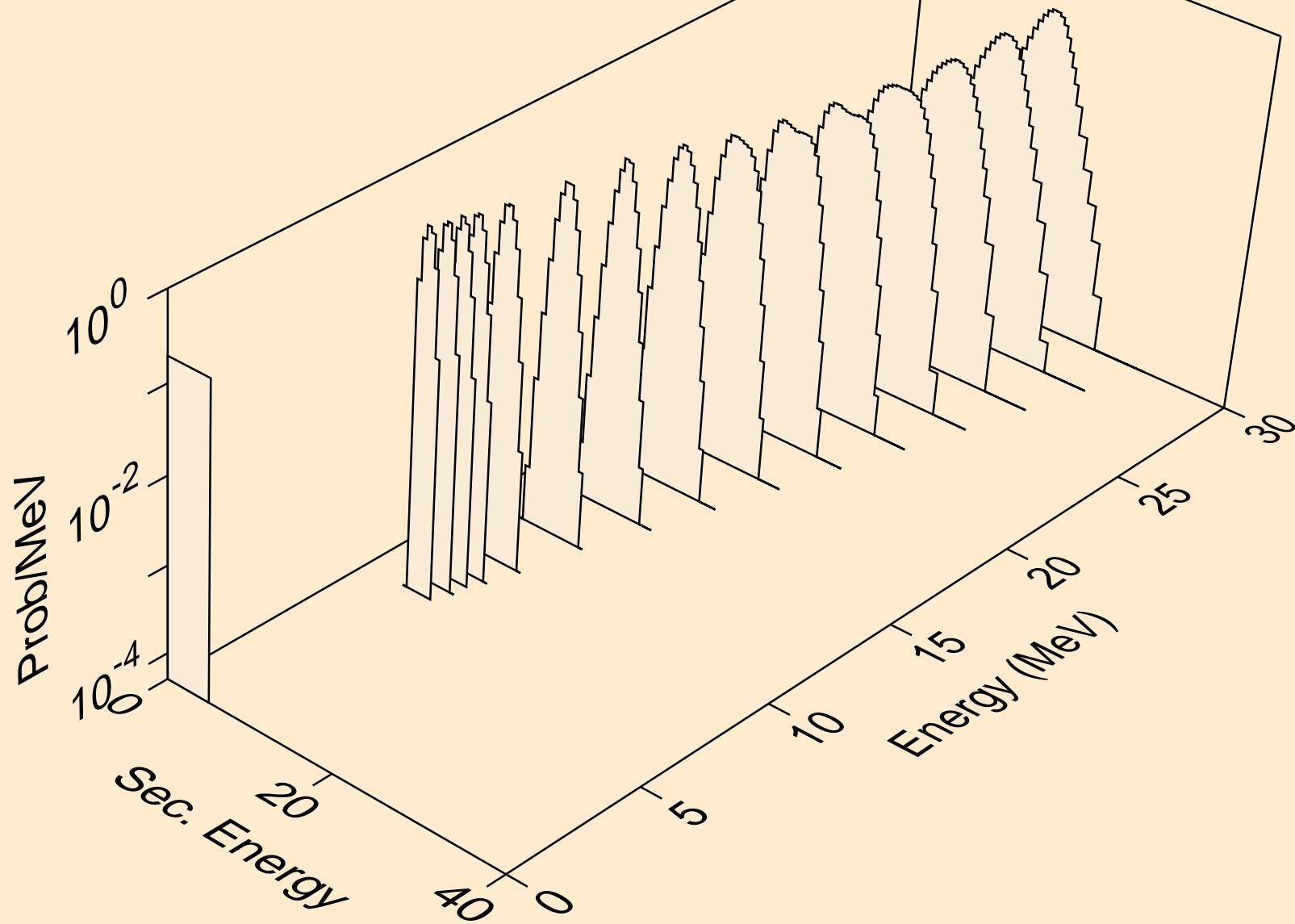
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



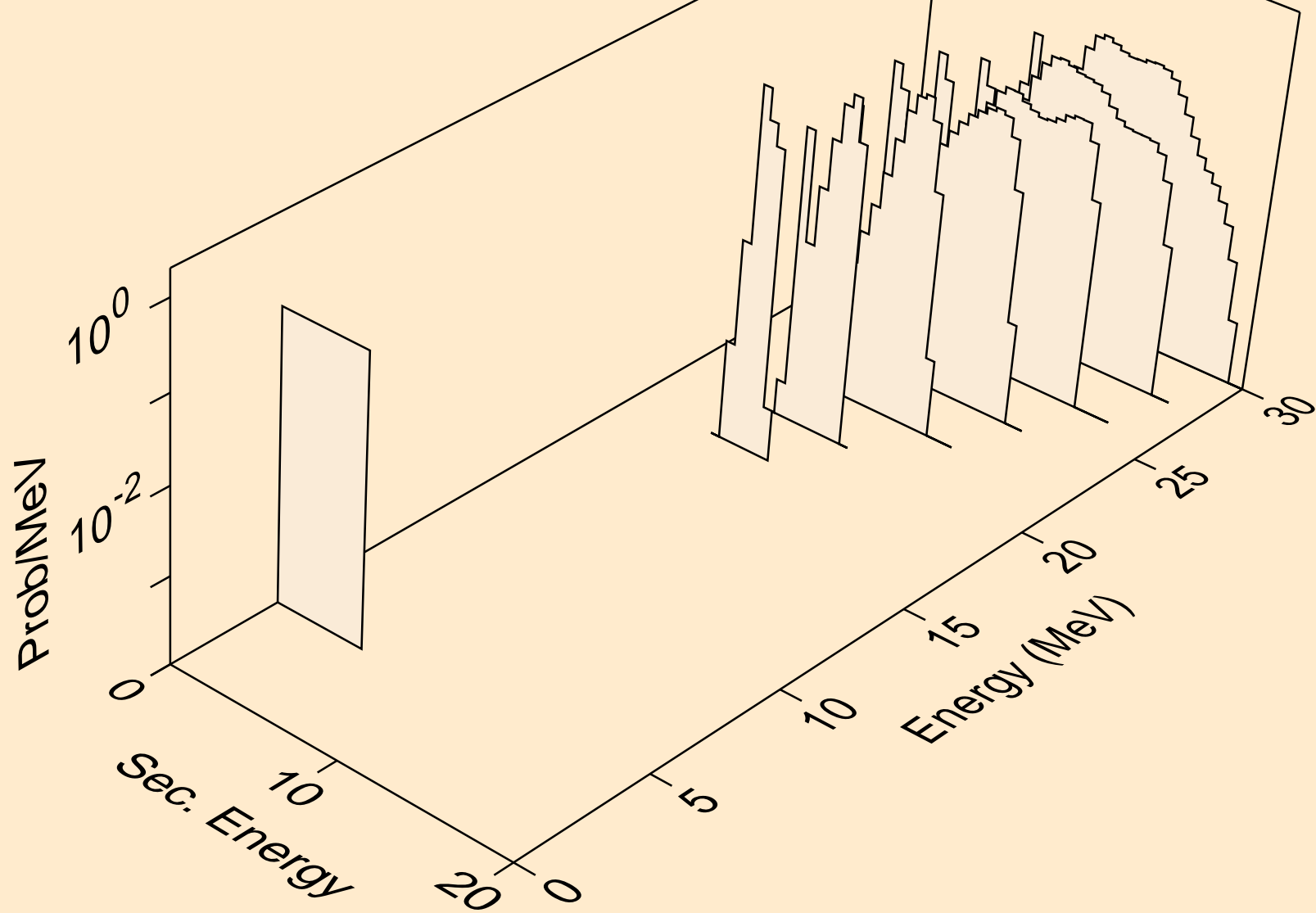
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



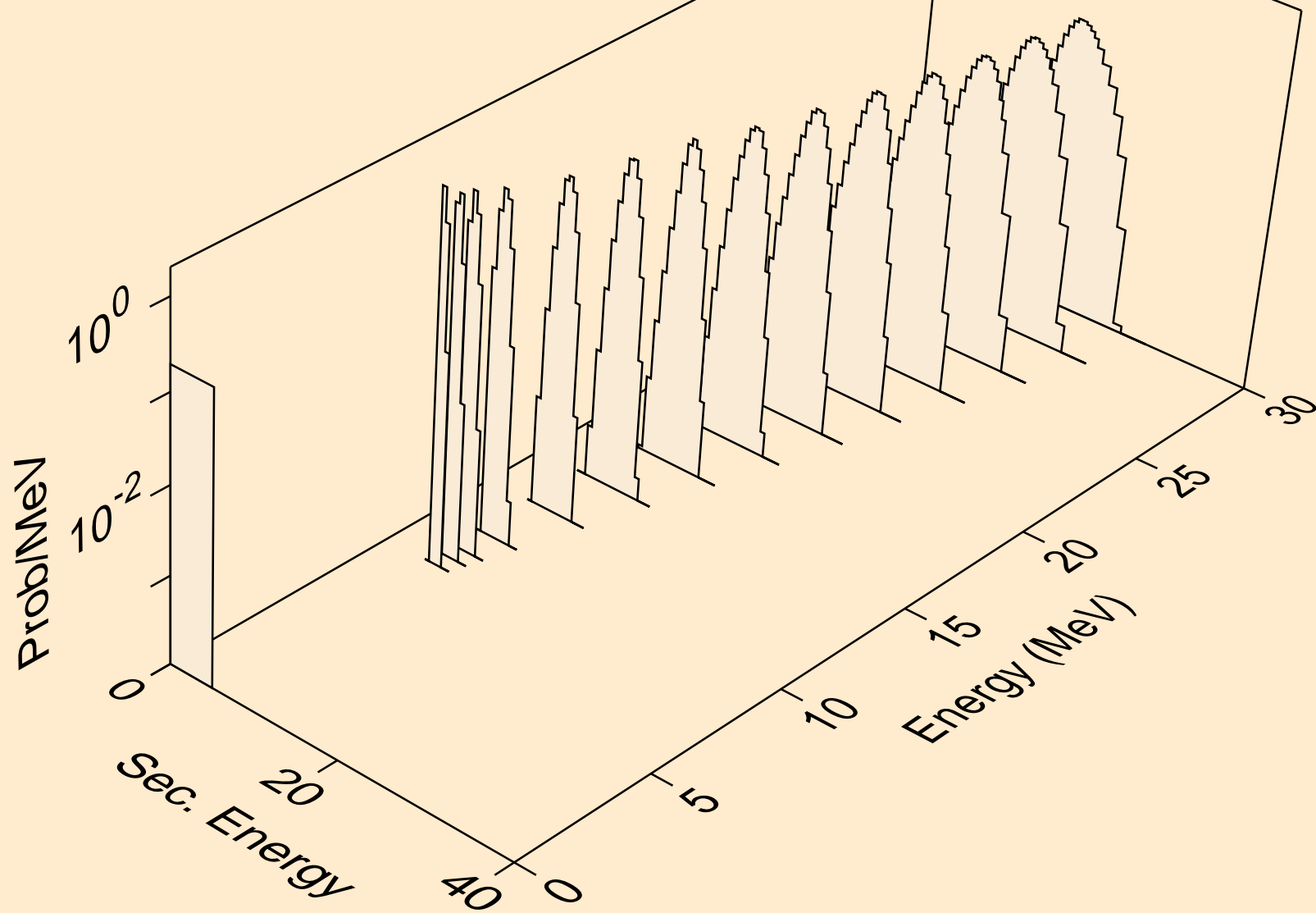
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)2a



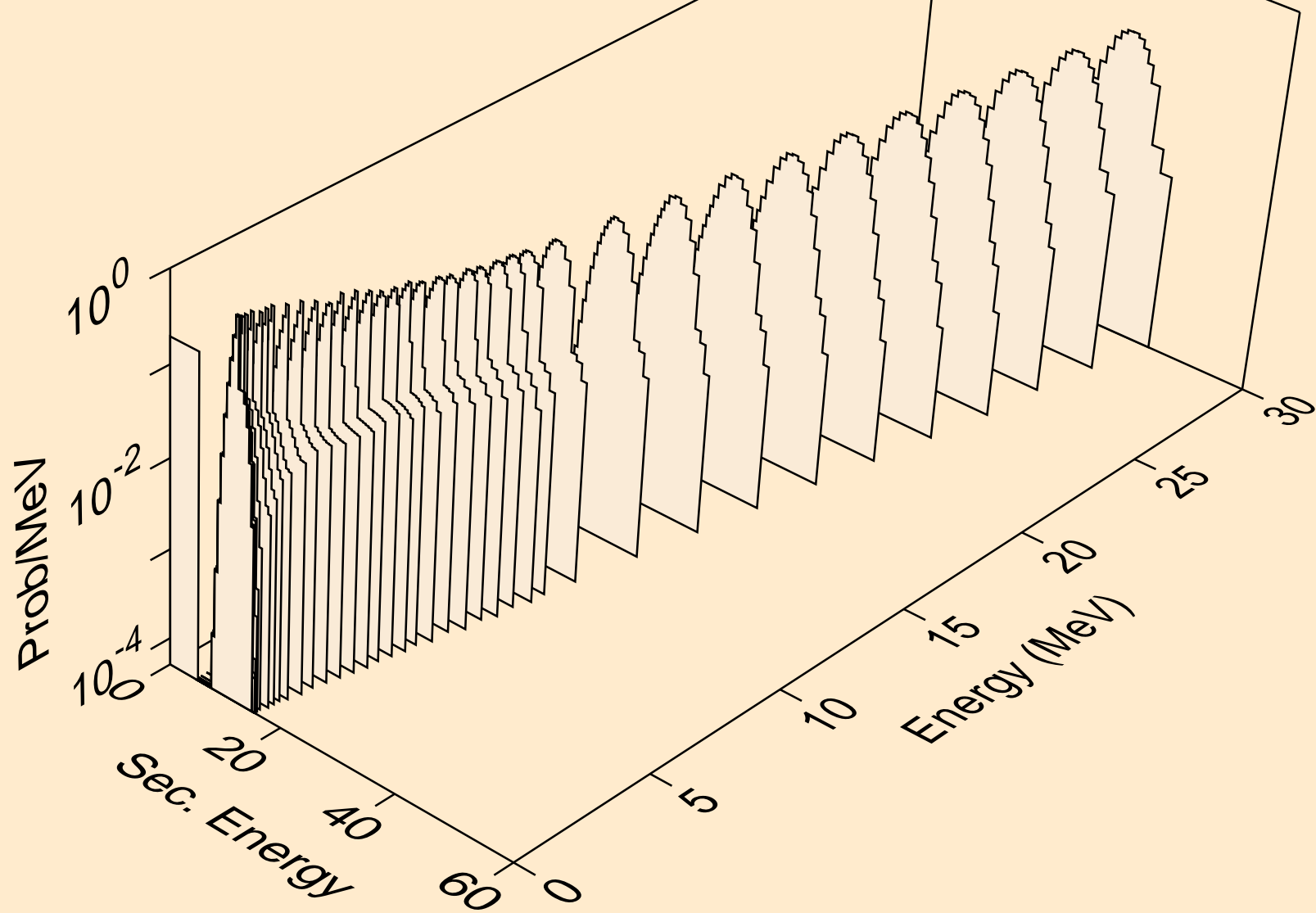
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)2a



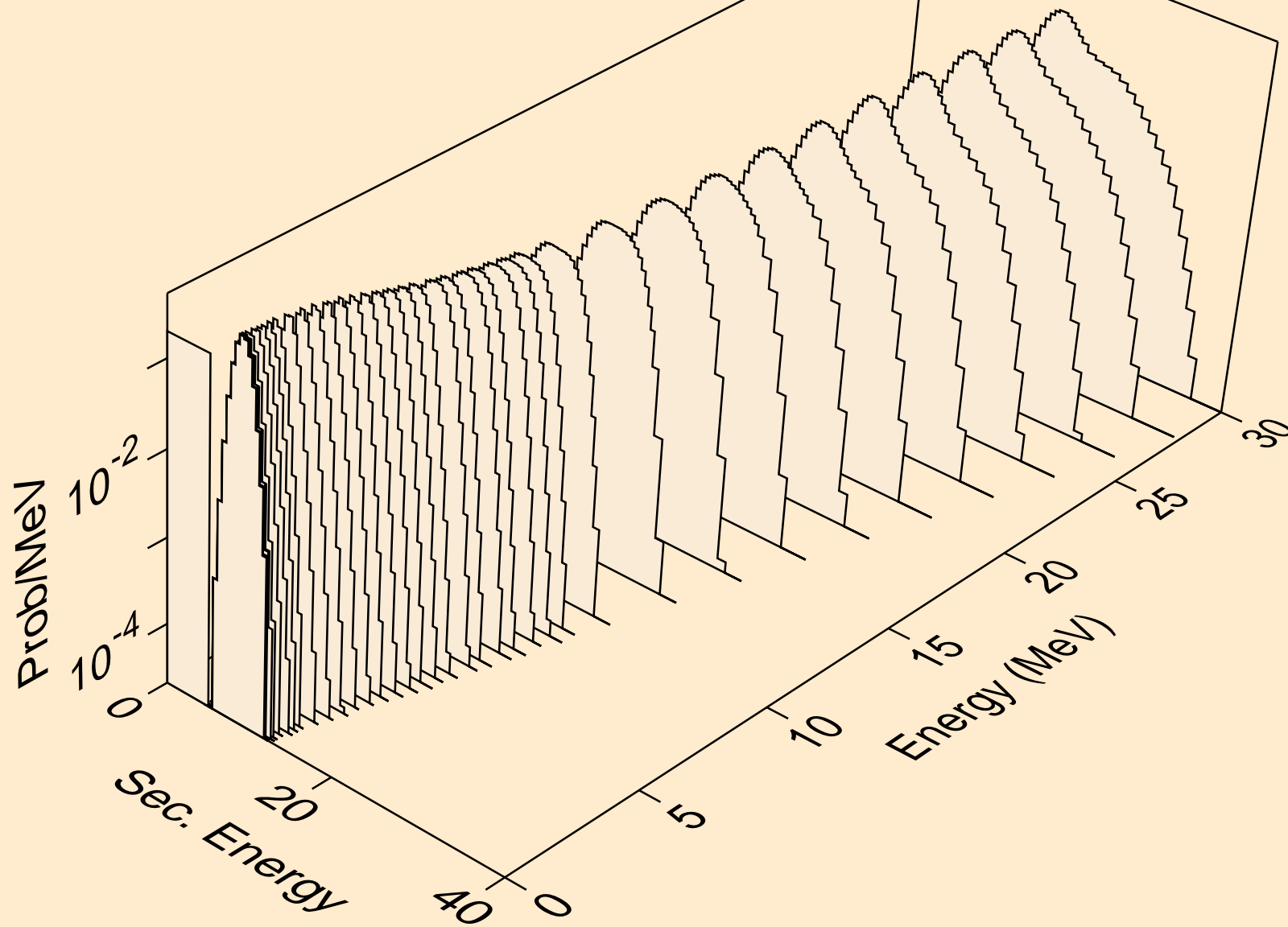
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,npa)



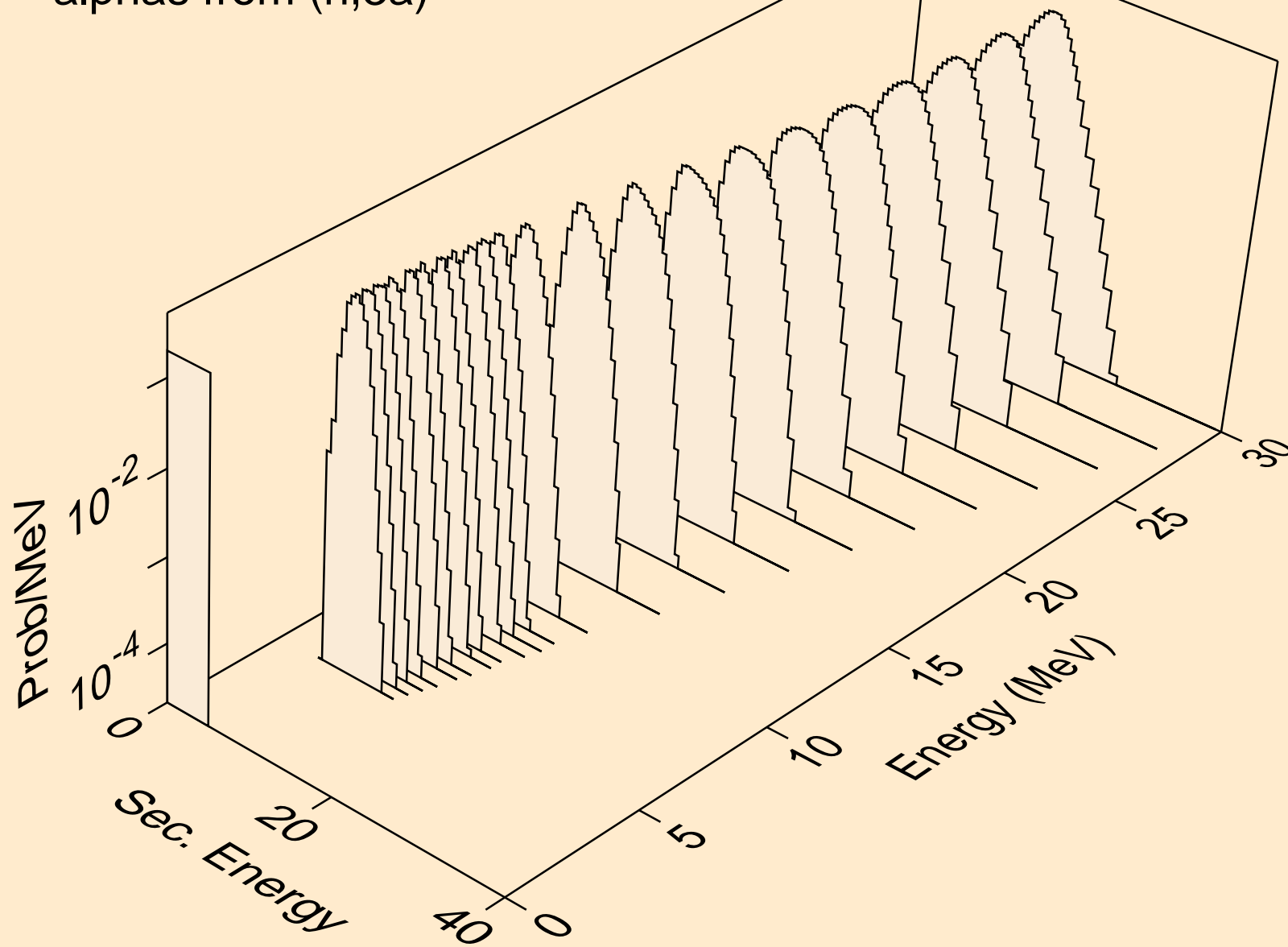
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



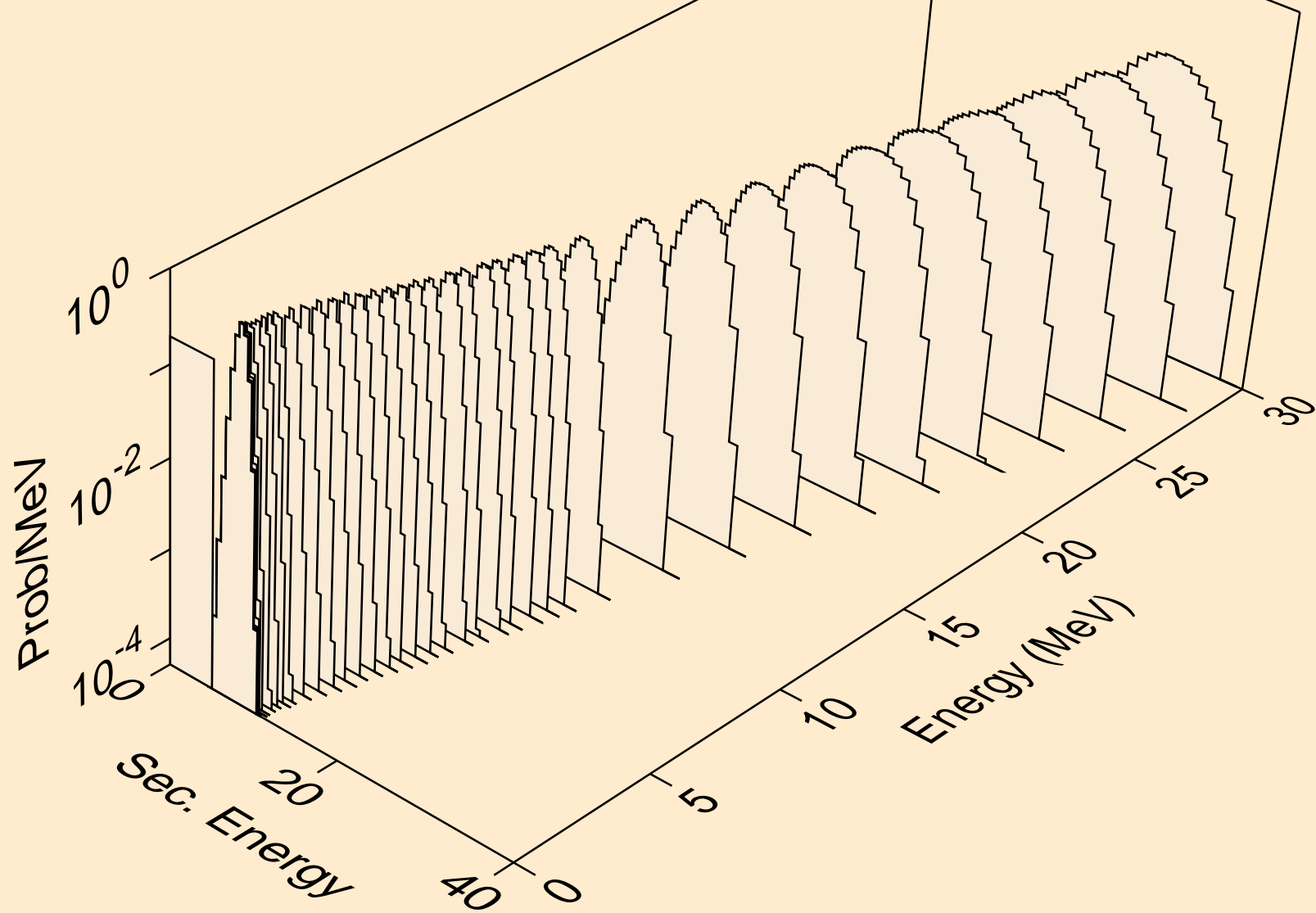
ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3a)



ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,p)



ER147 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

