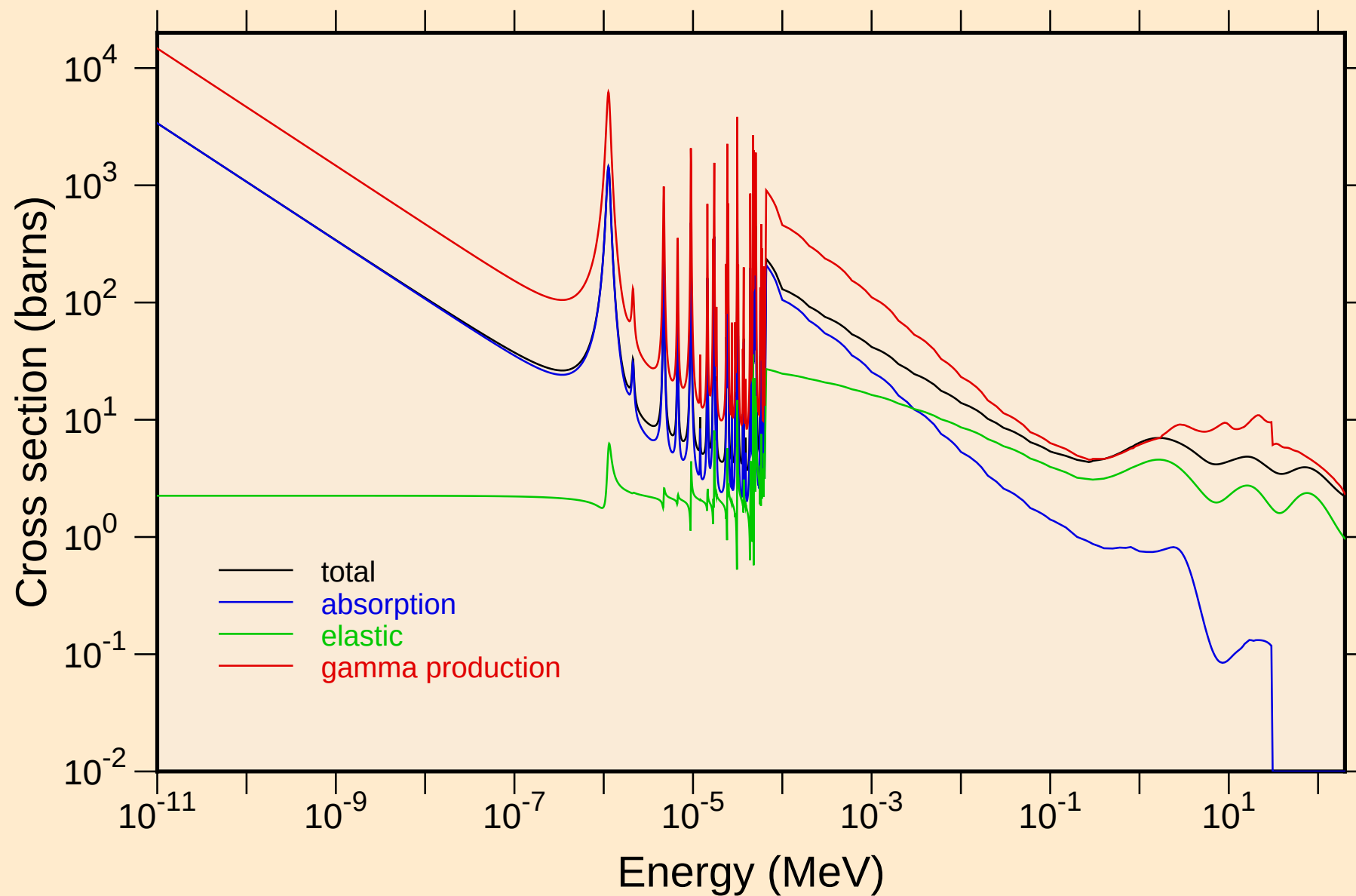
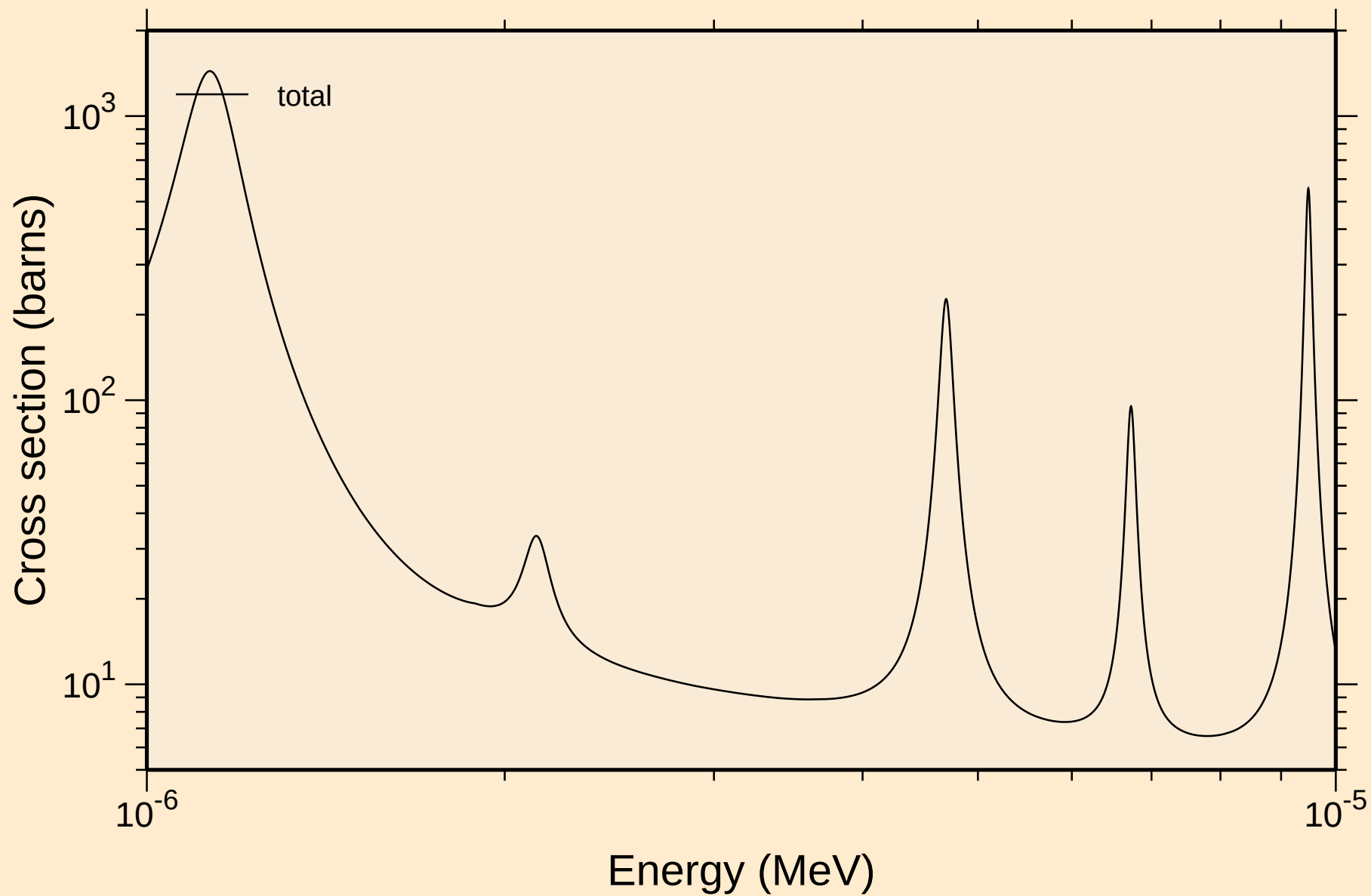


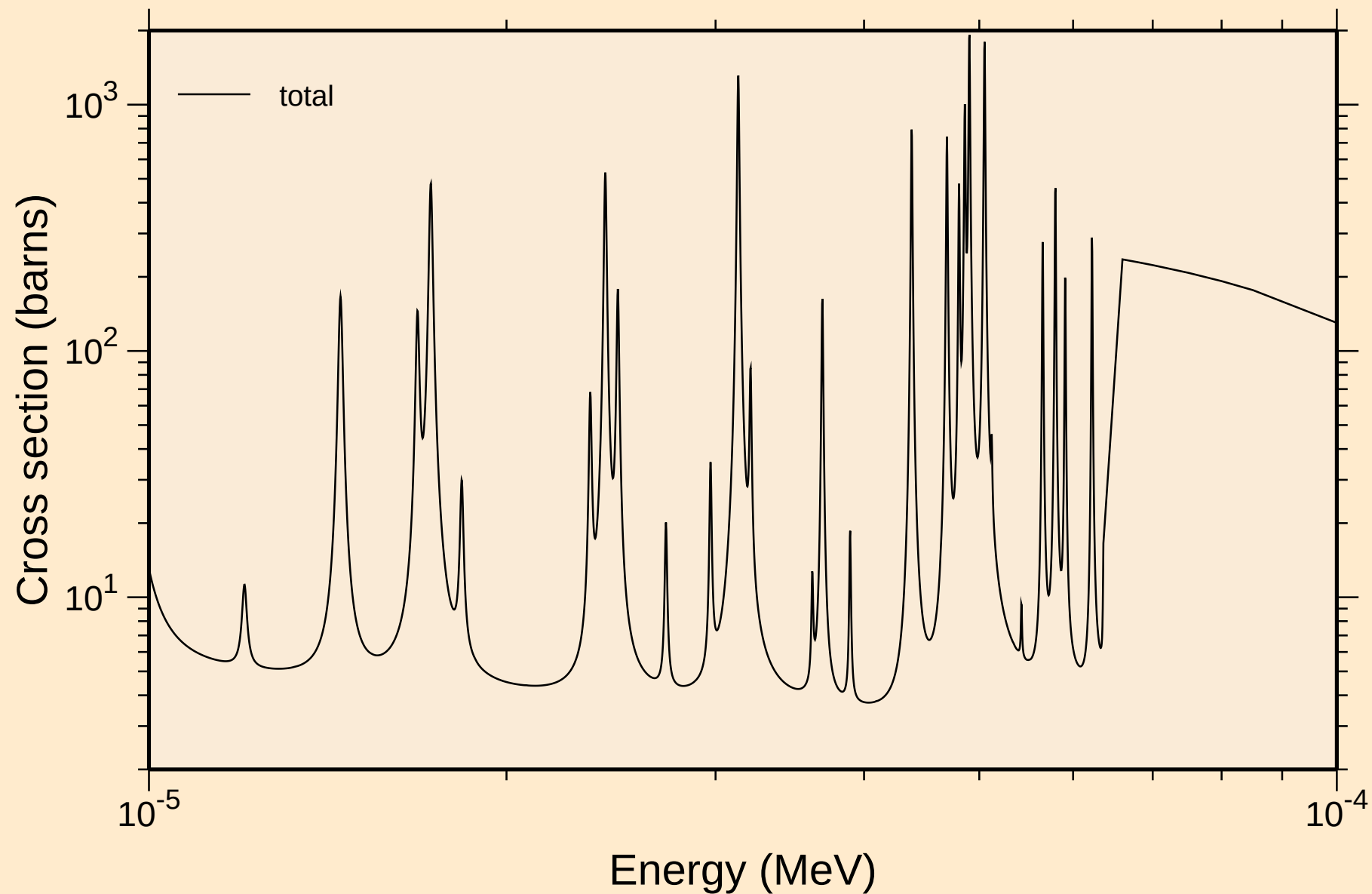
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Principal cross sections



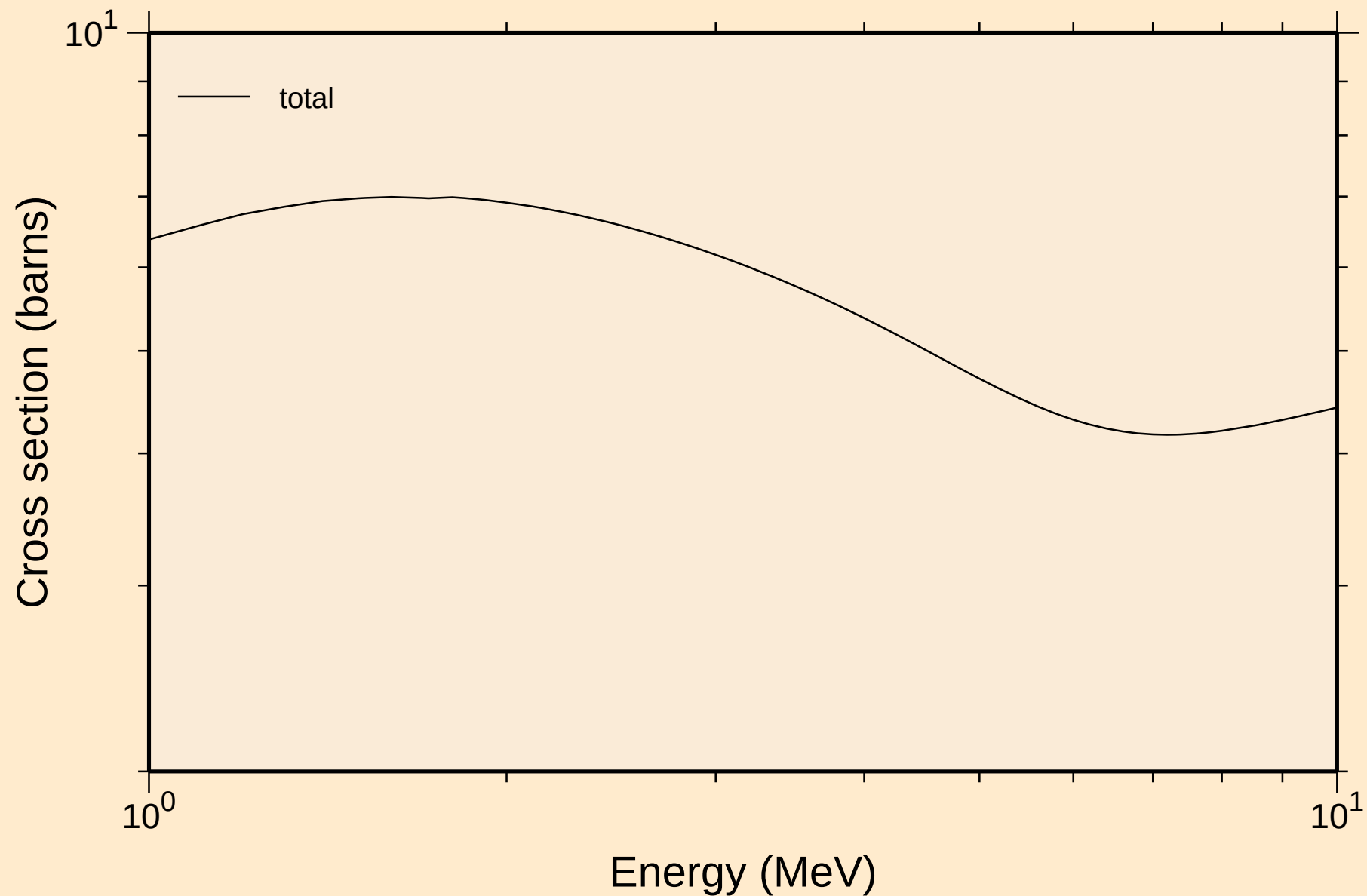
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



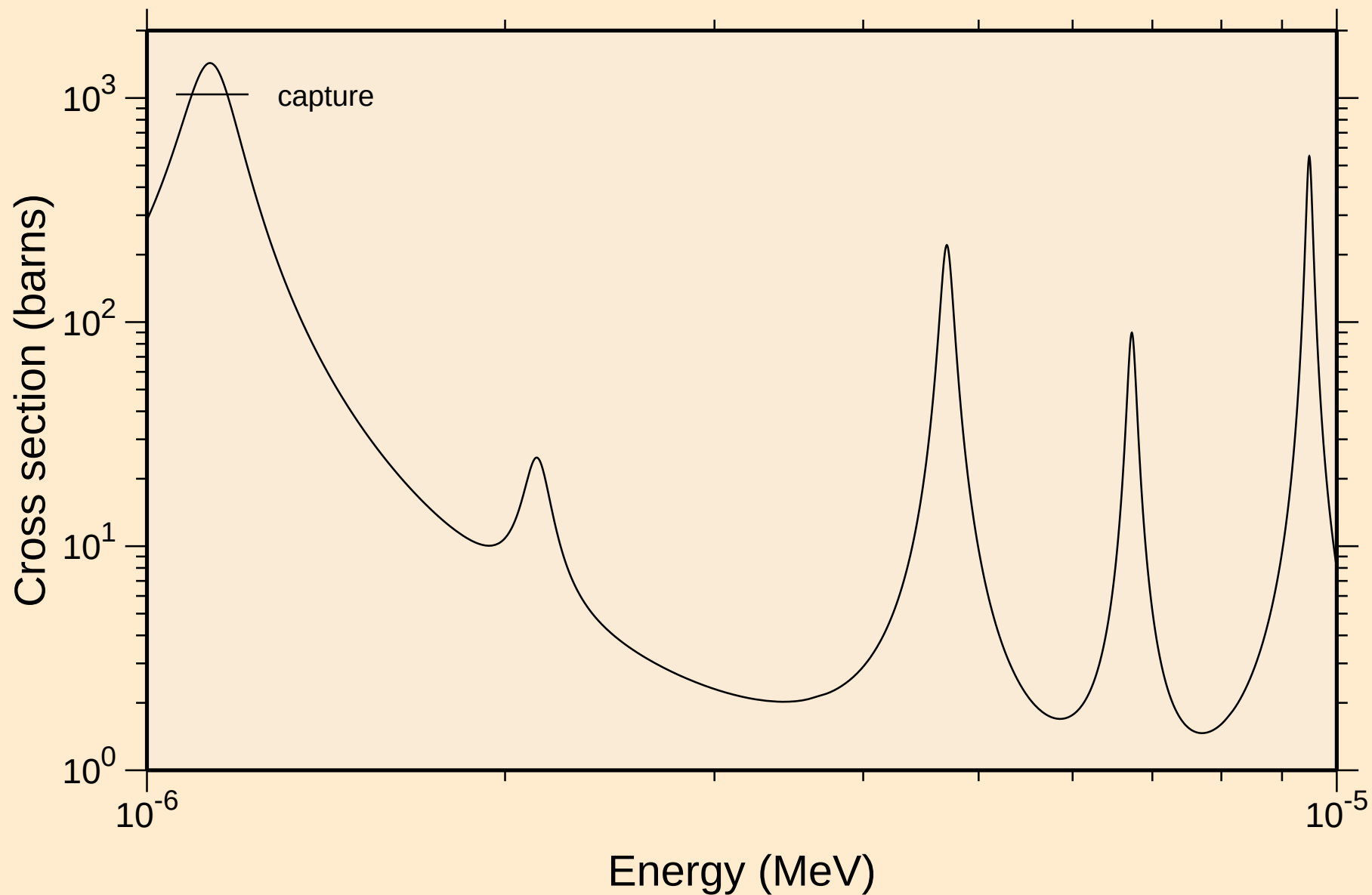
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



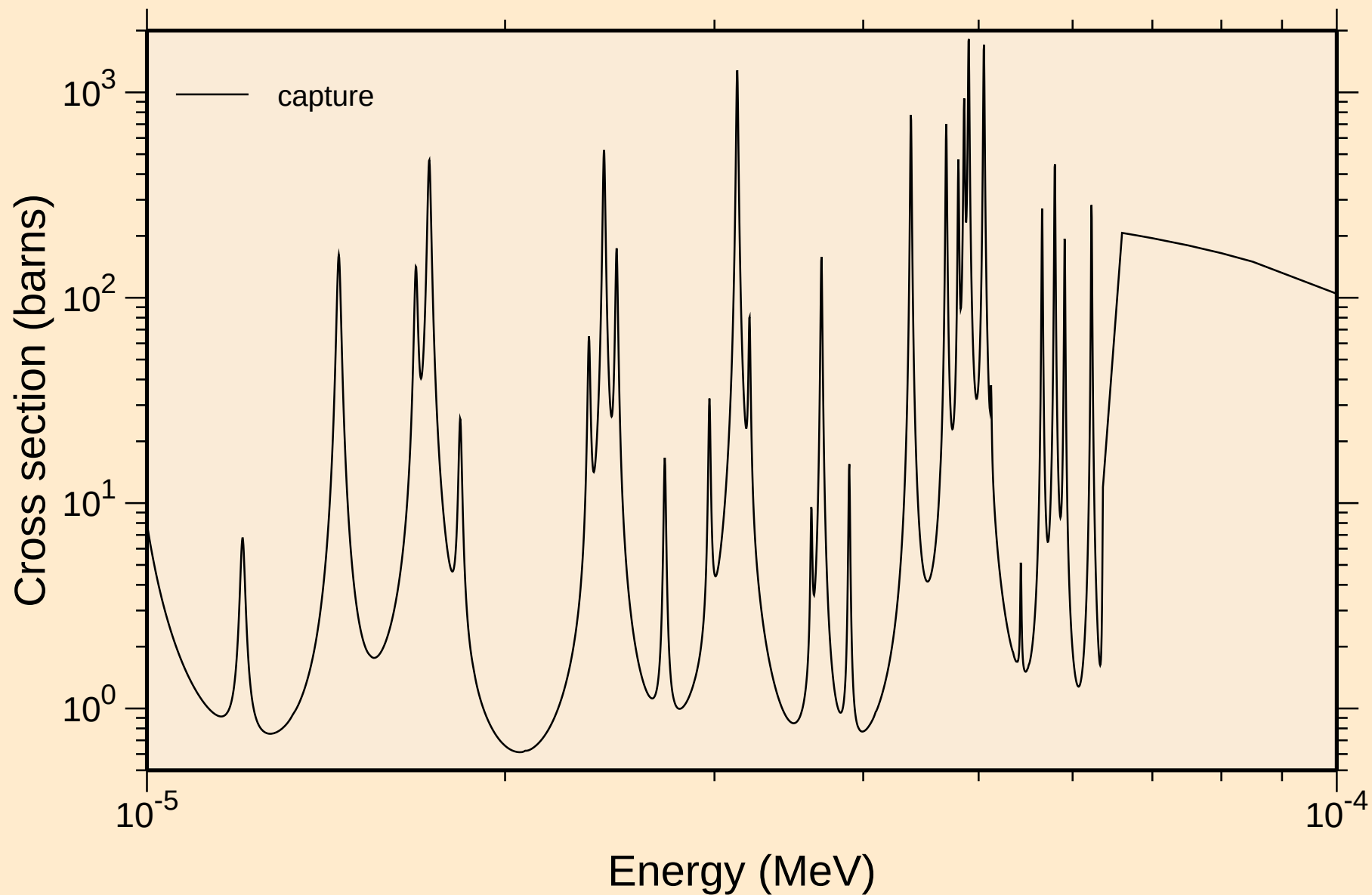
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



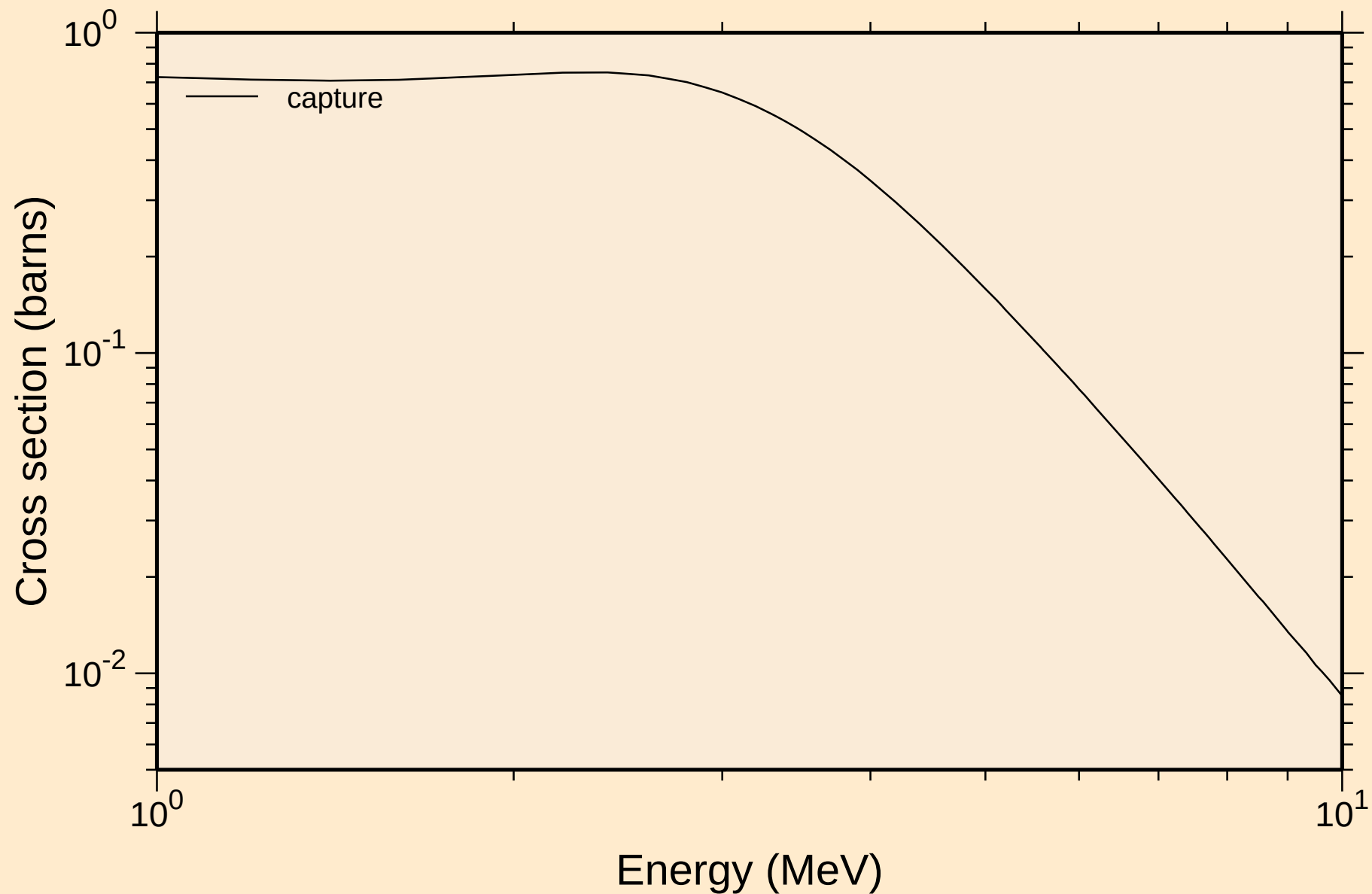
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

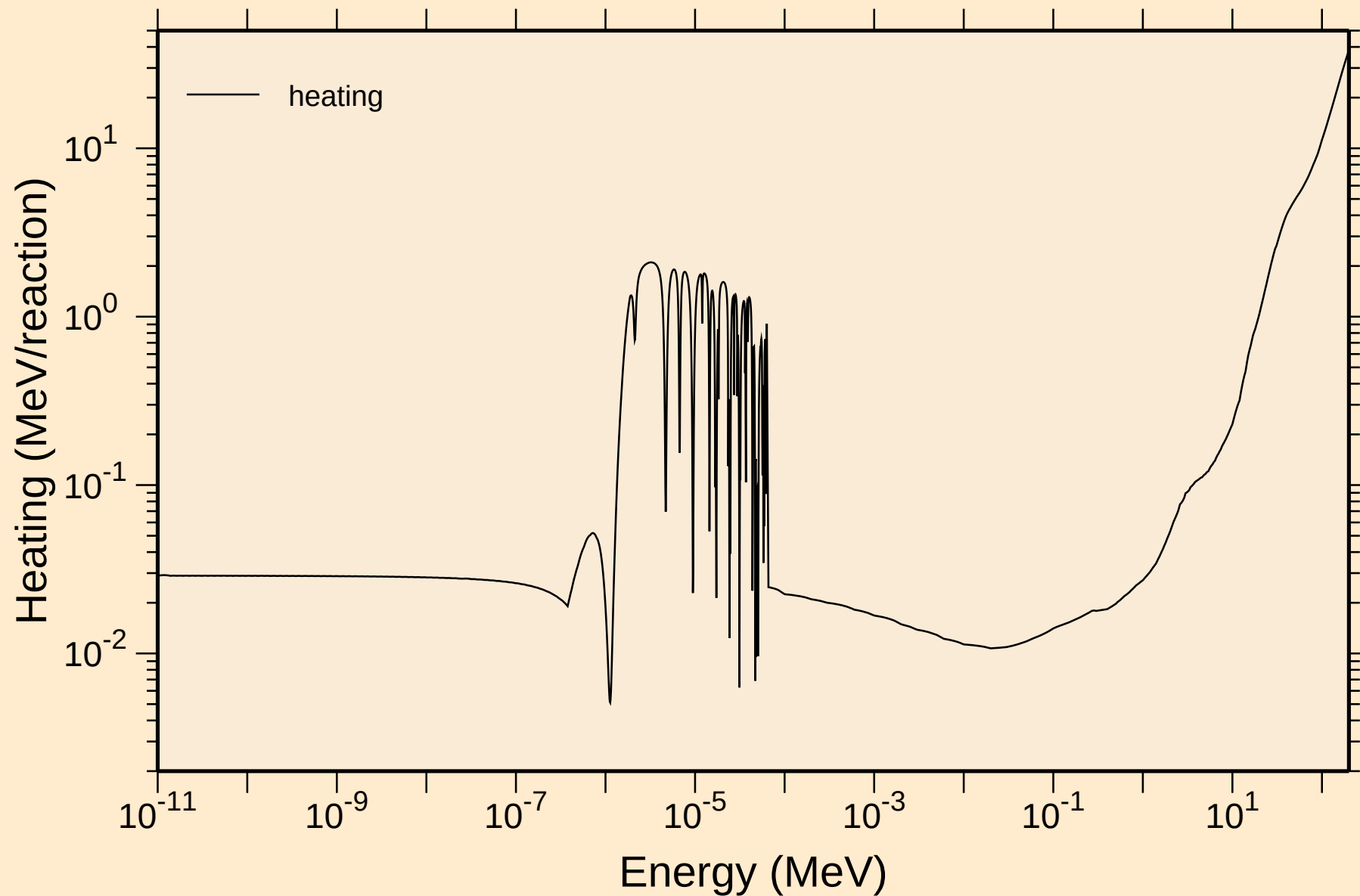


ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



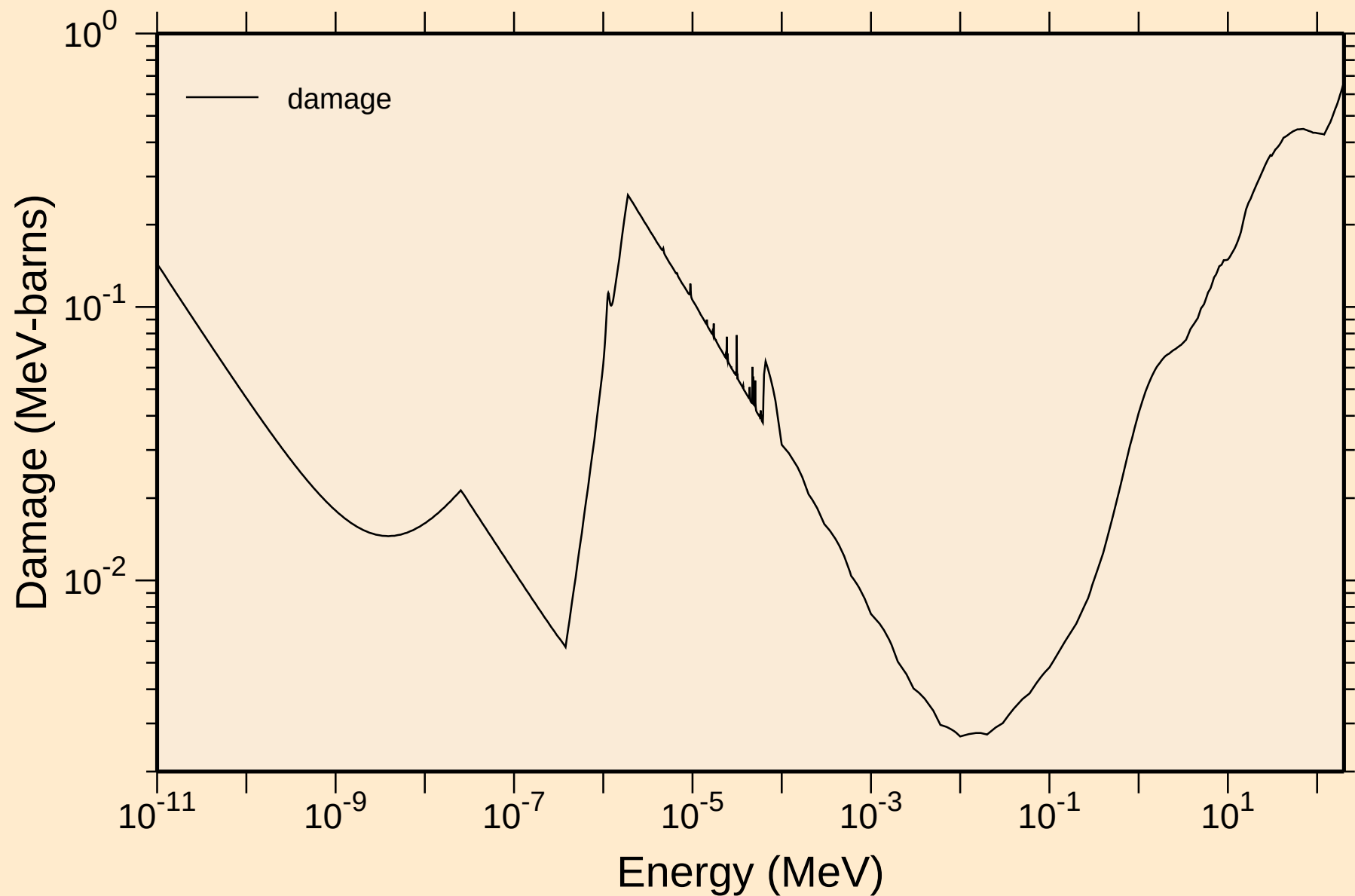
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating



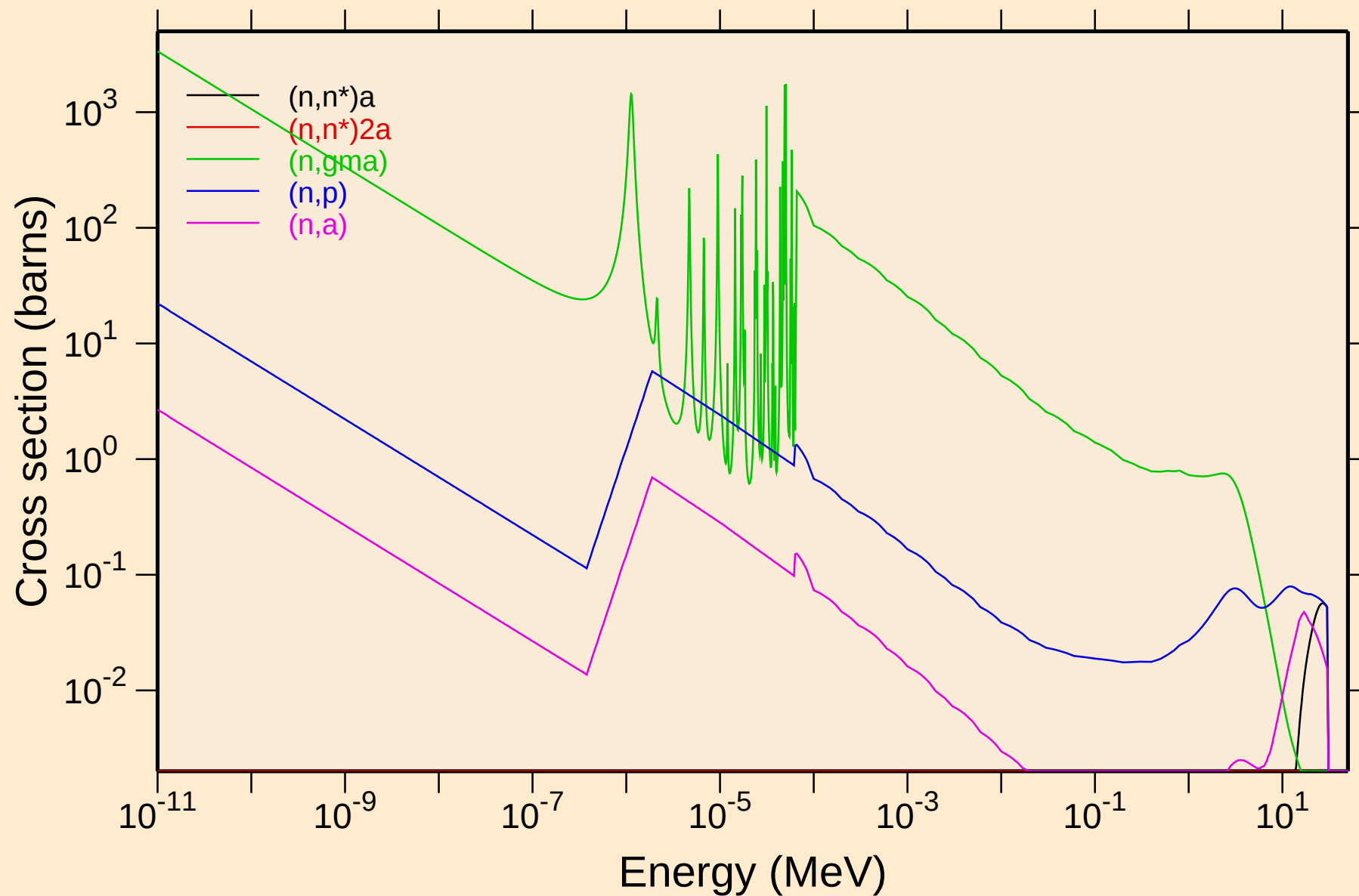
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

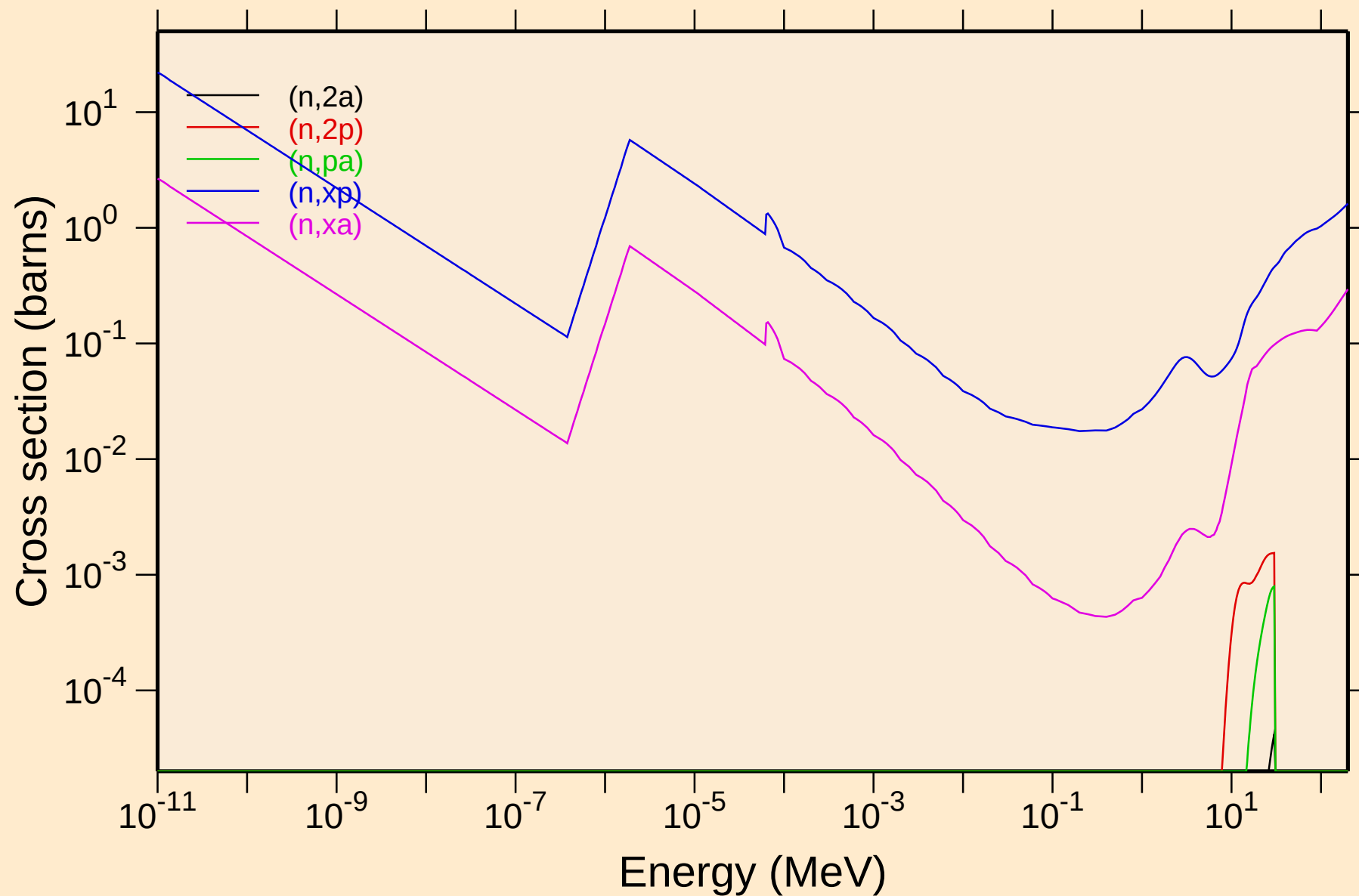


ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

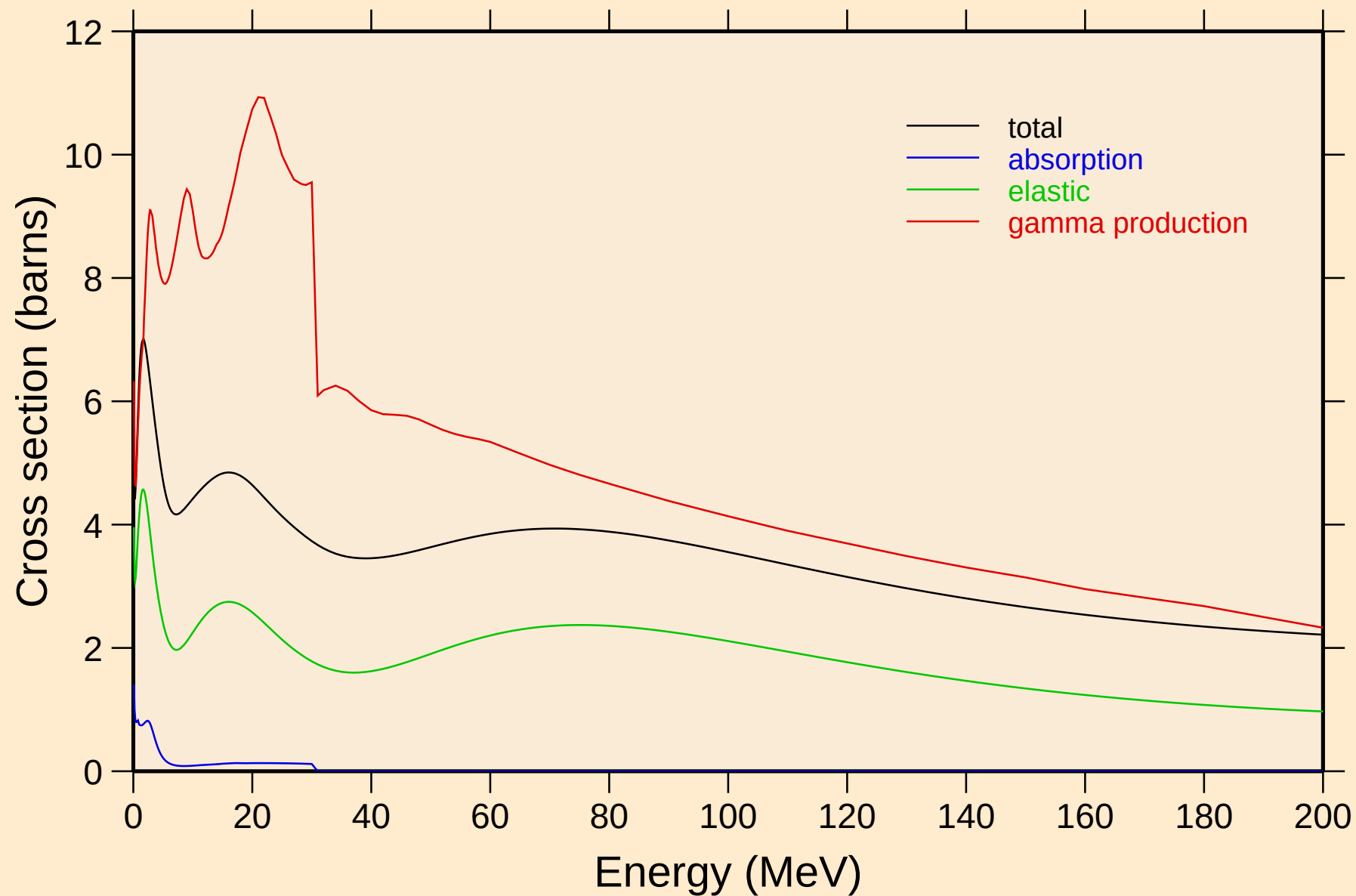


ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



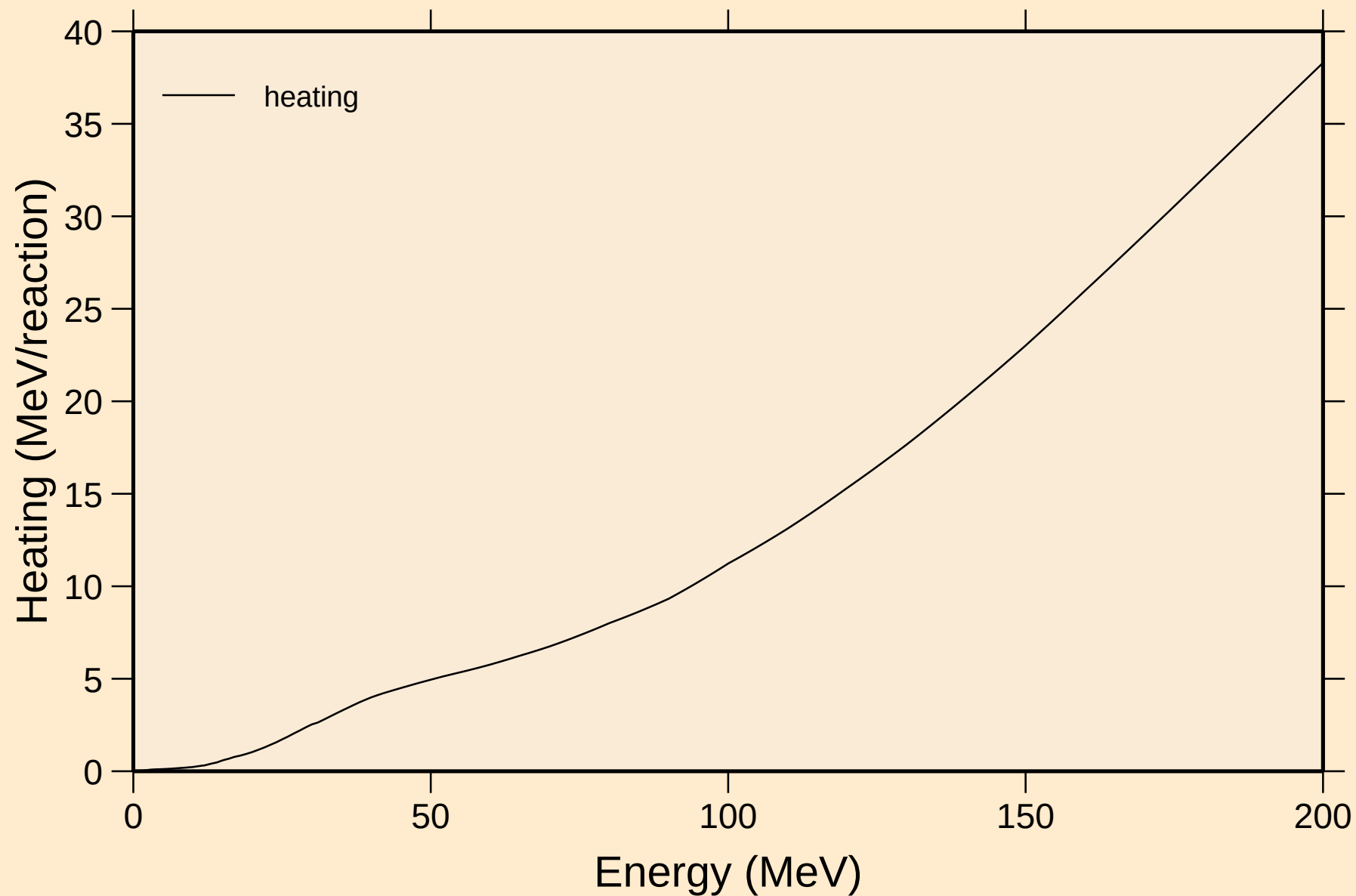
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Principal cross sections



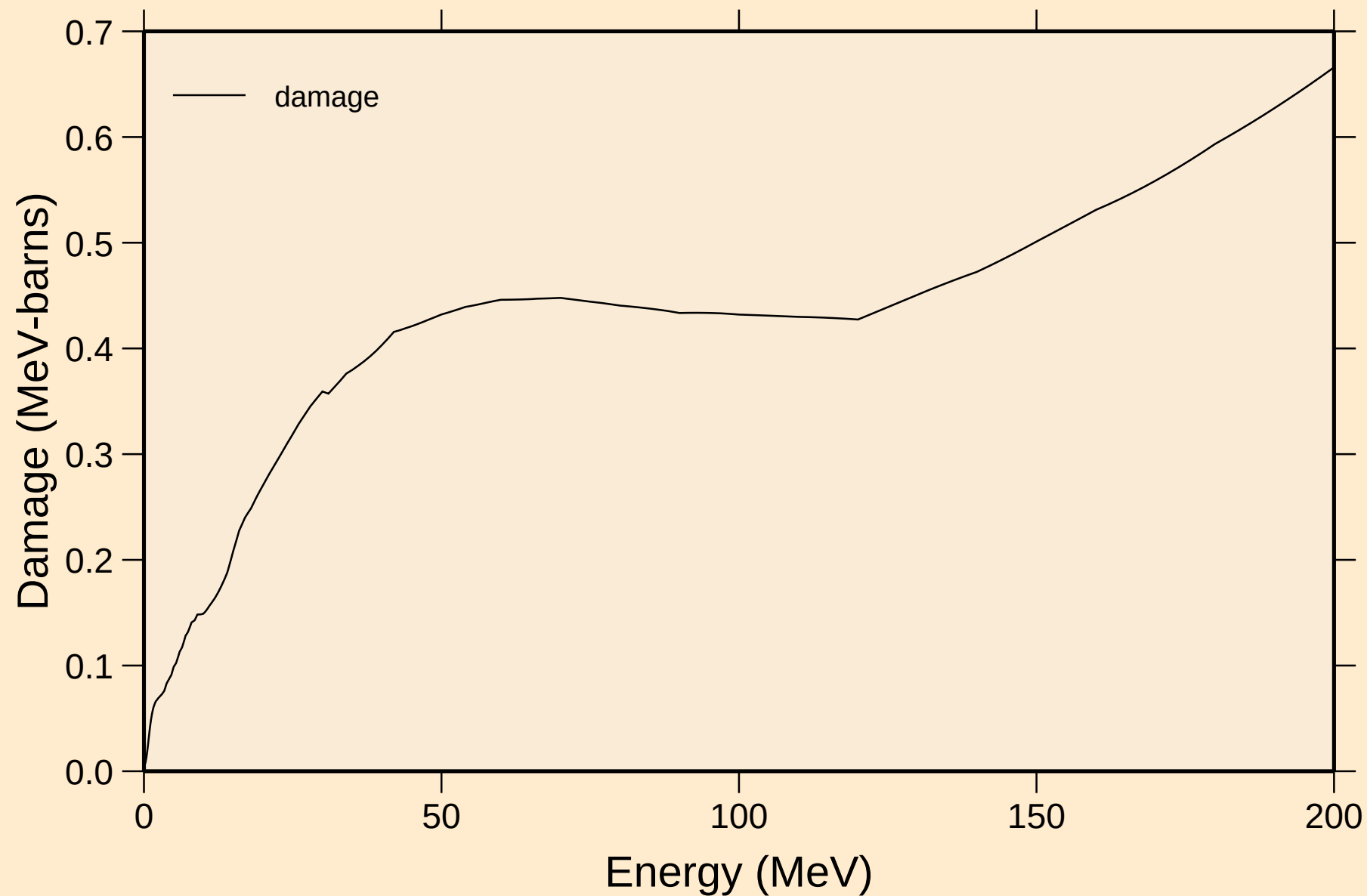
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating



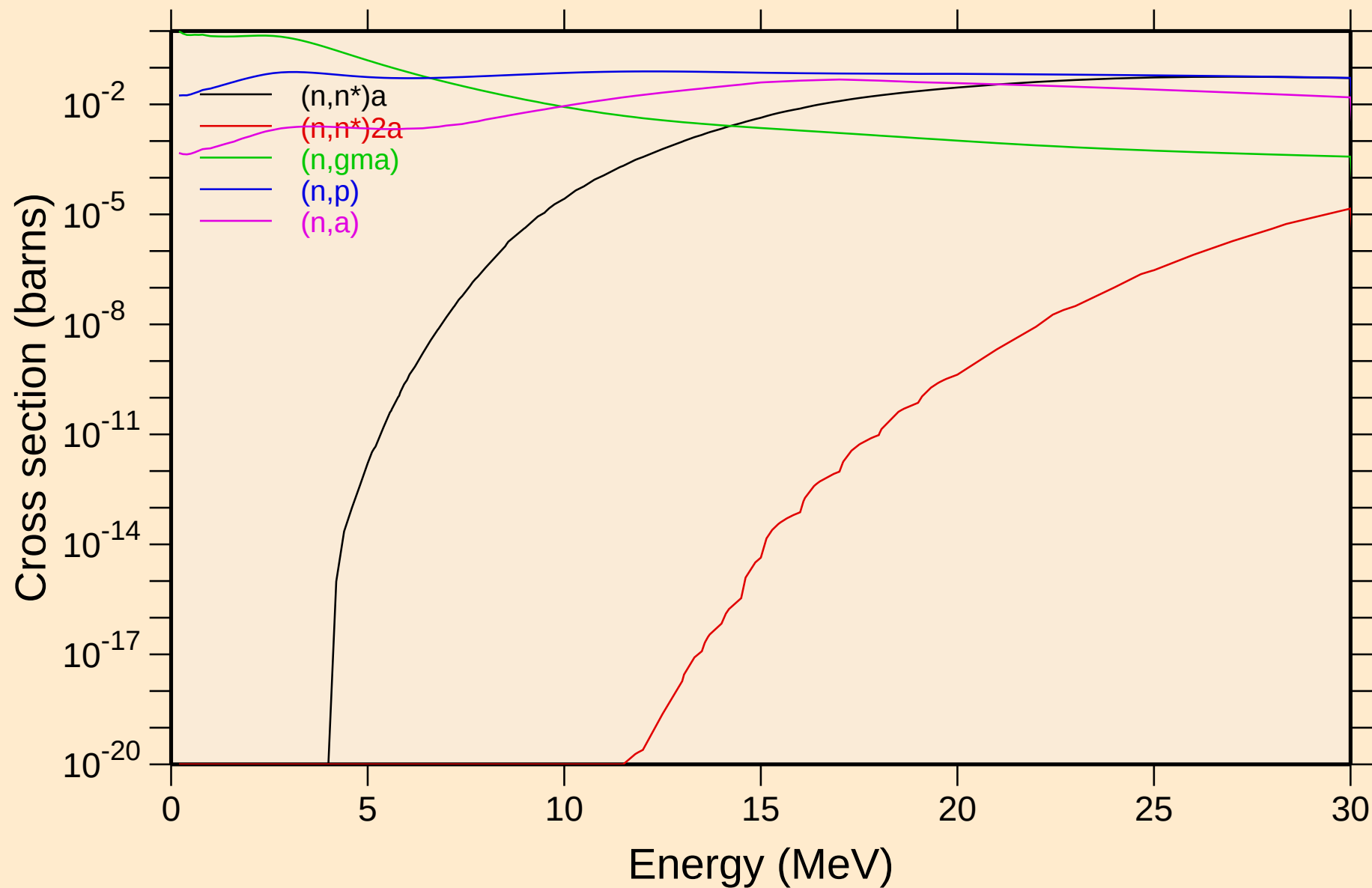
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

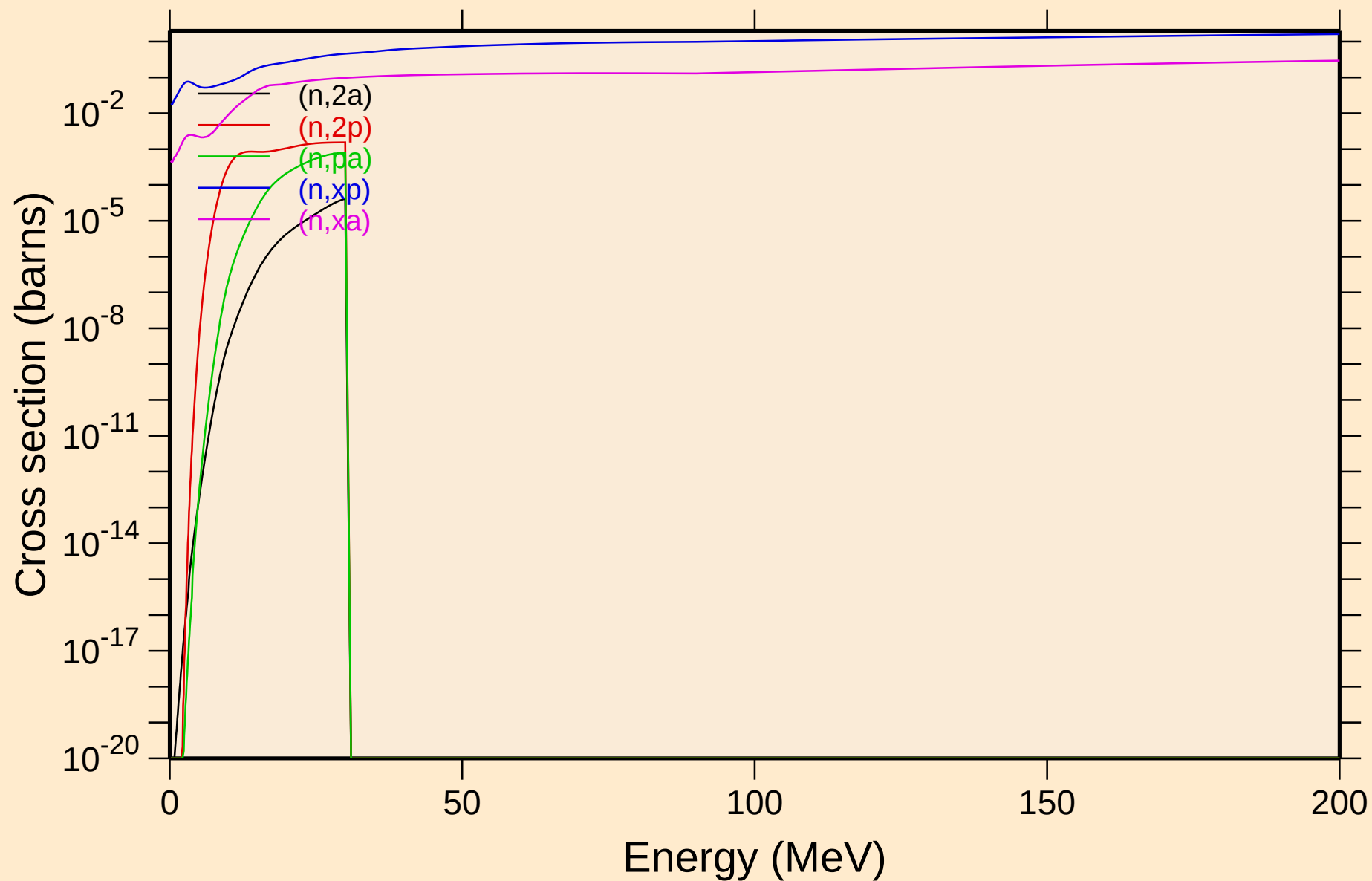


ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

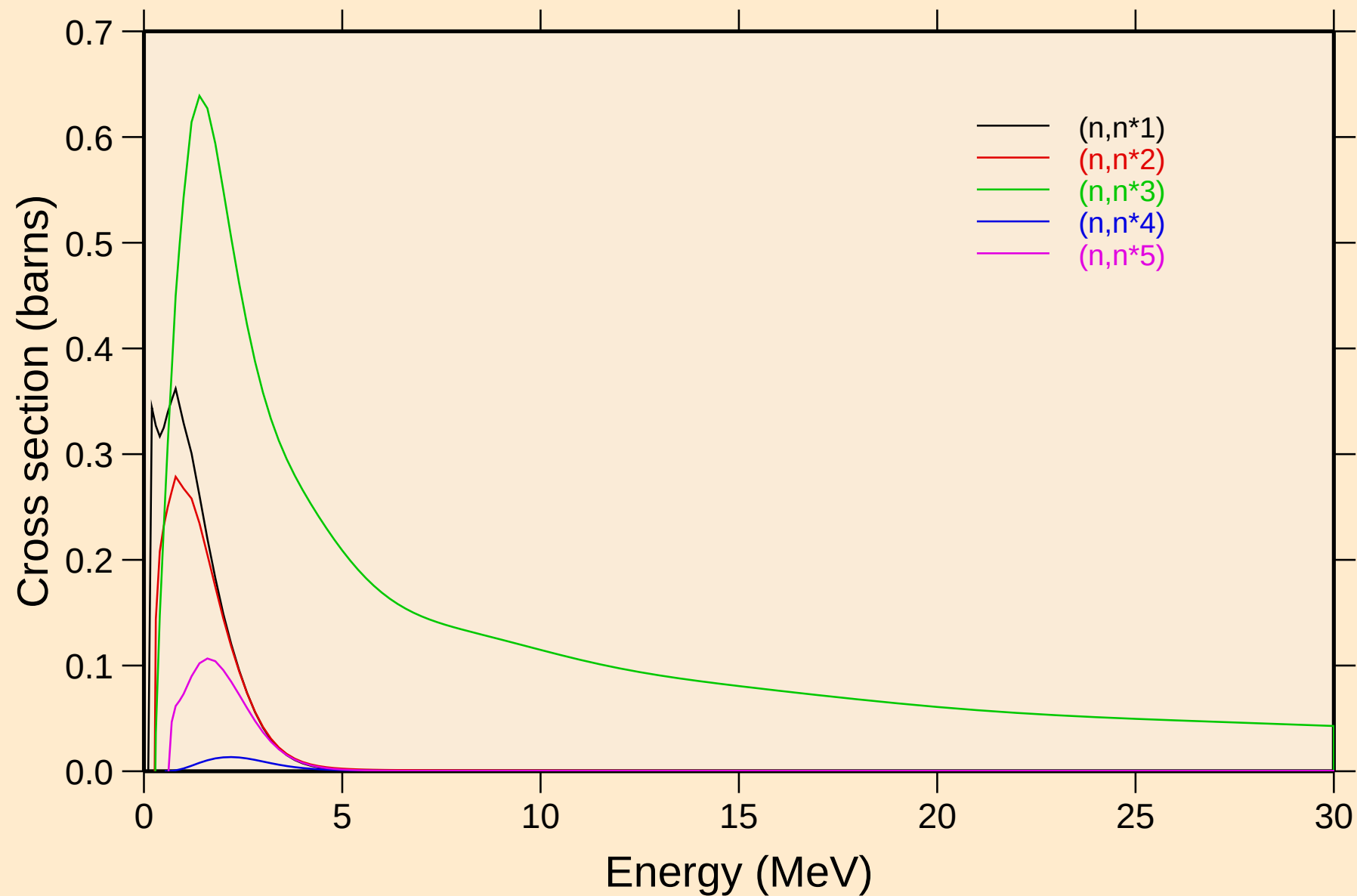


ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



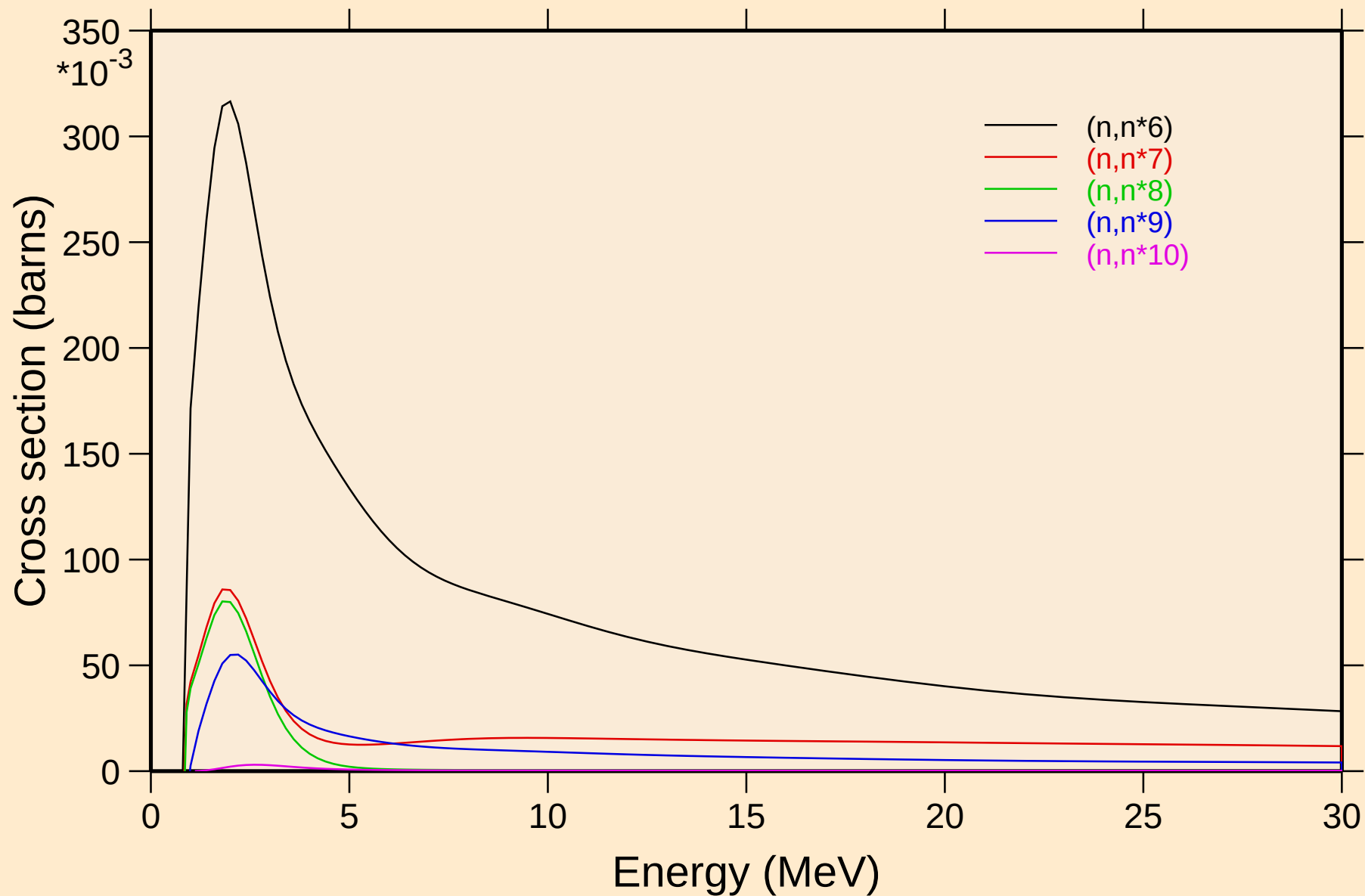
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Inelastic levels

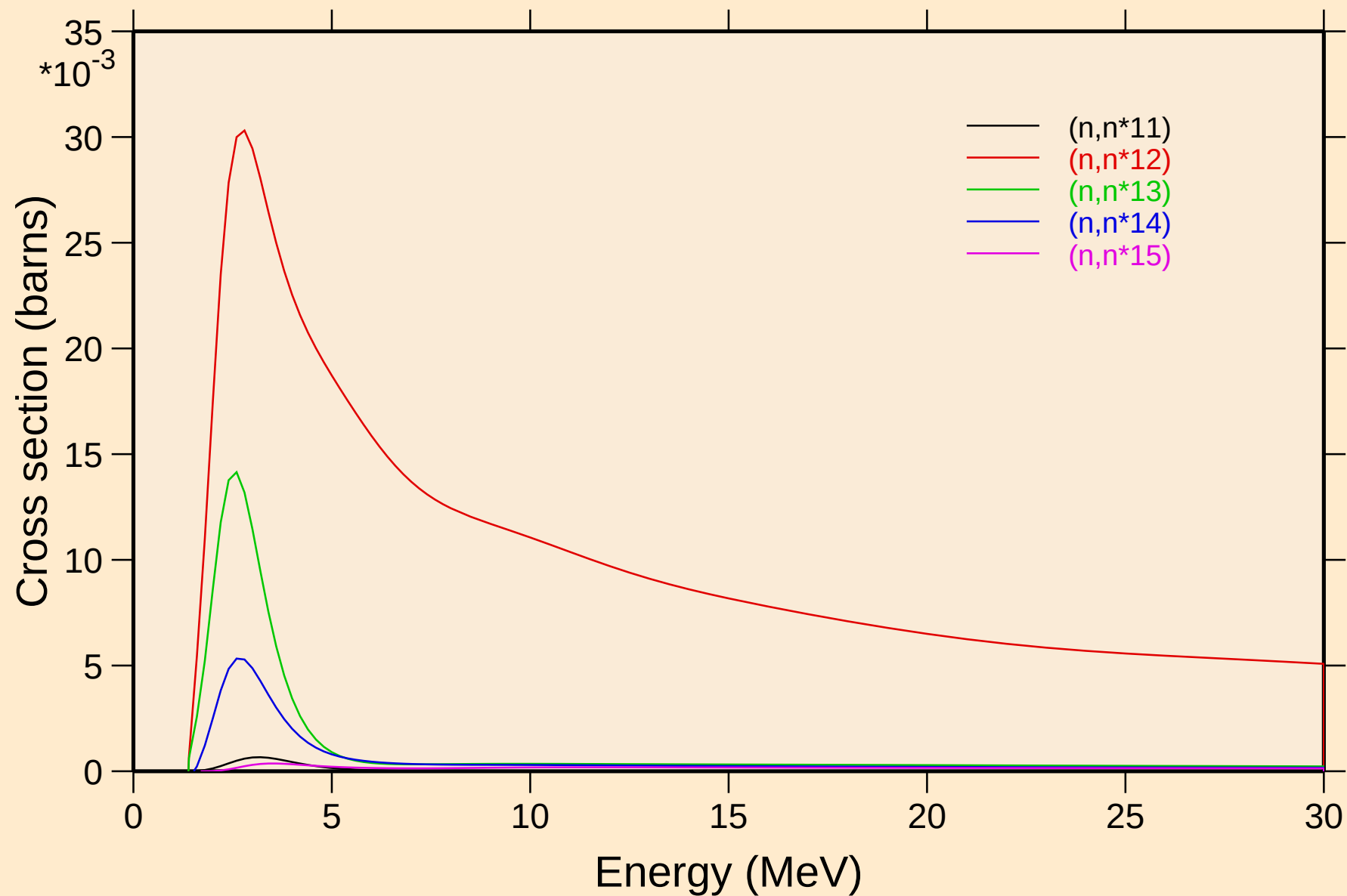


ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels

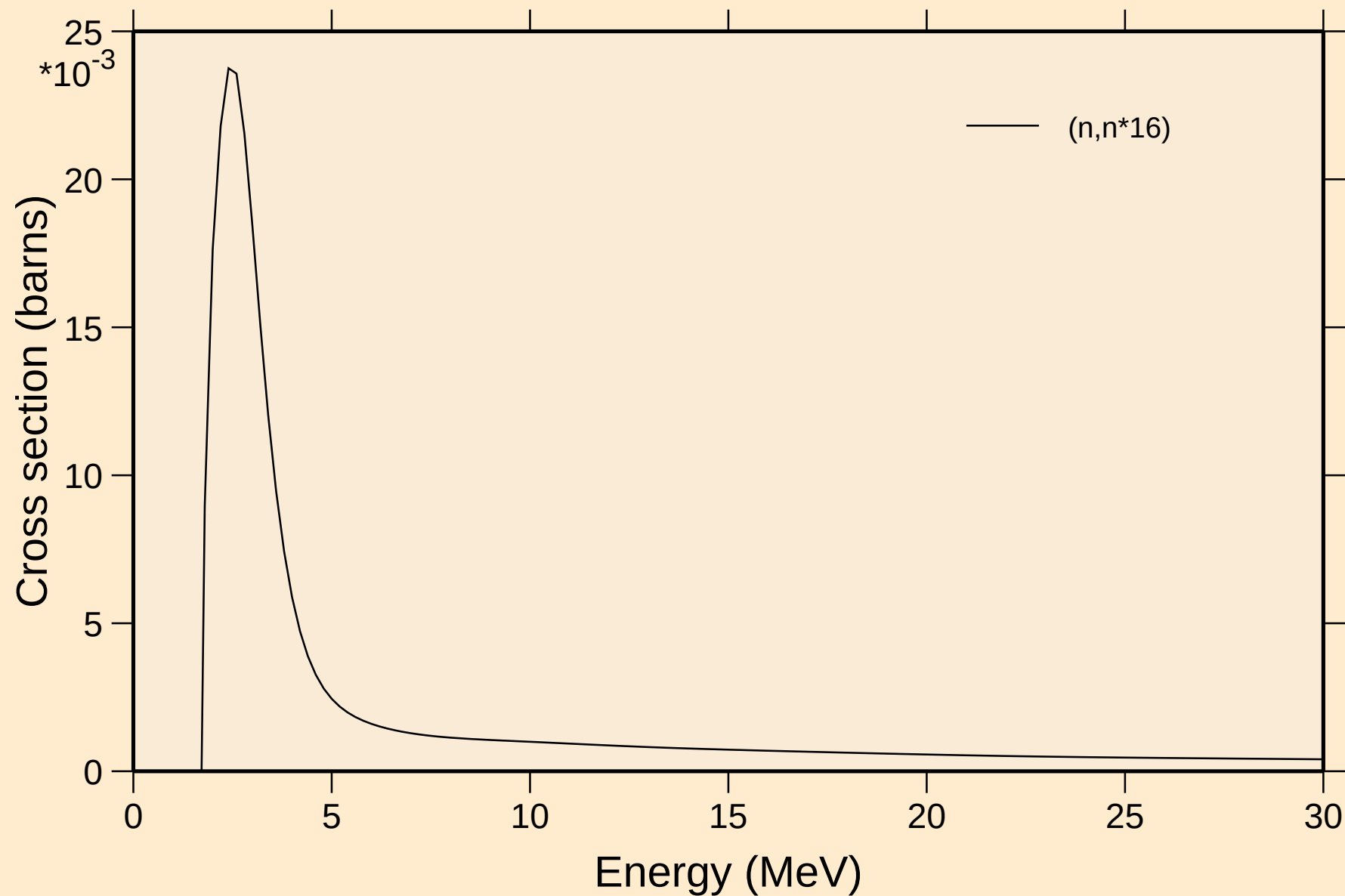


ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



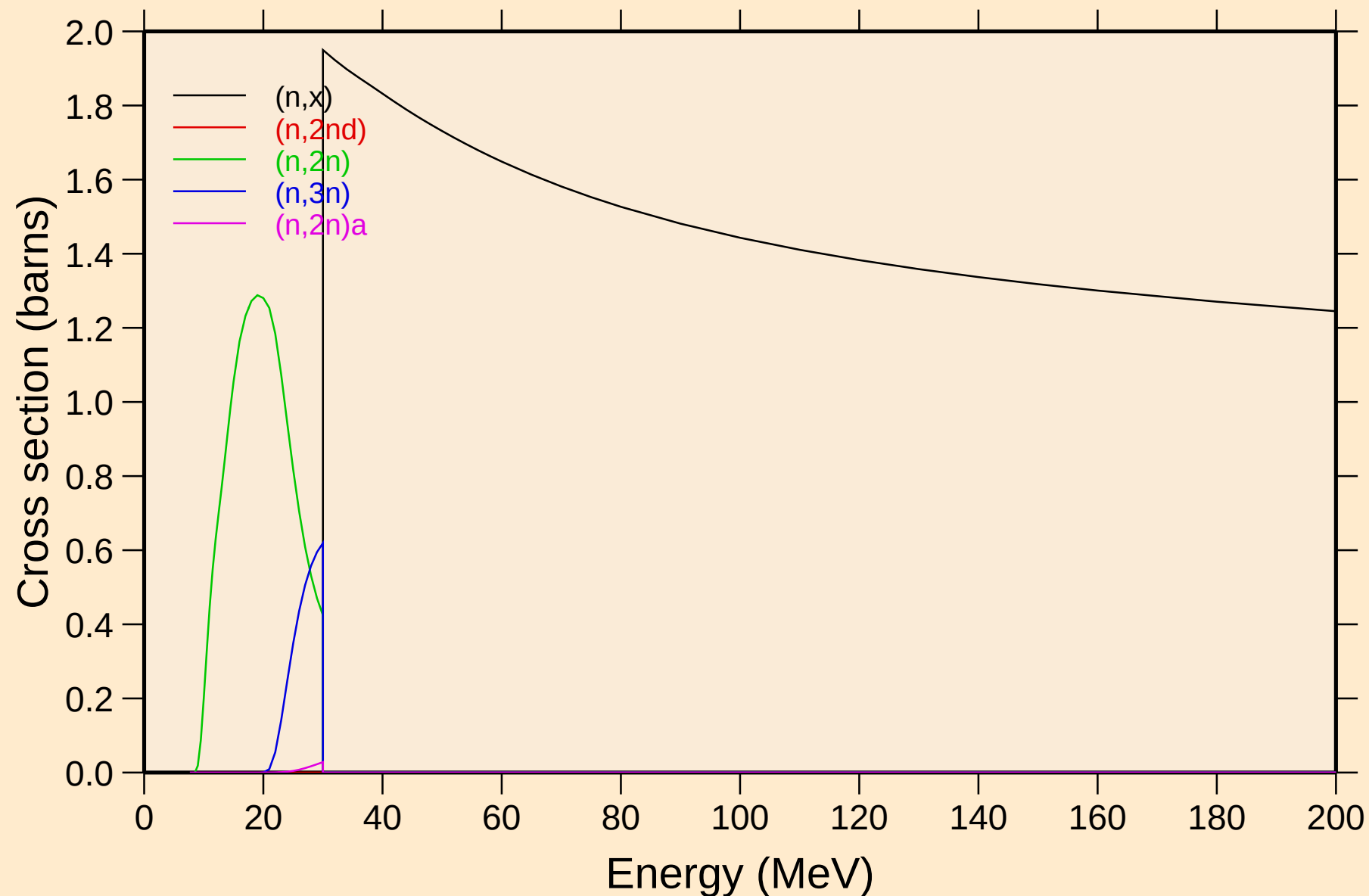
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Inelastic levels



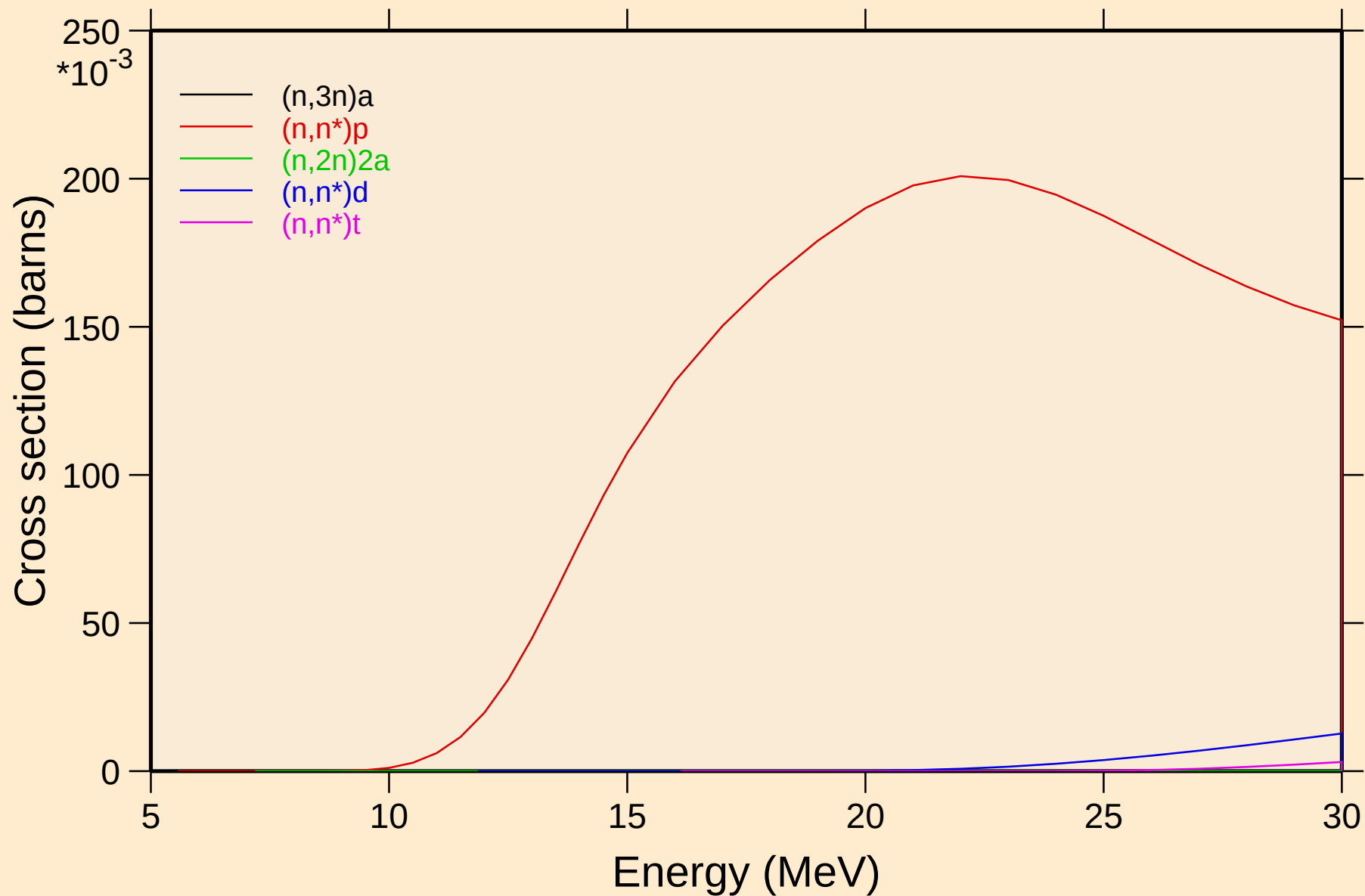
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



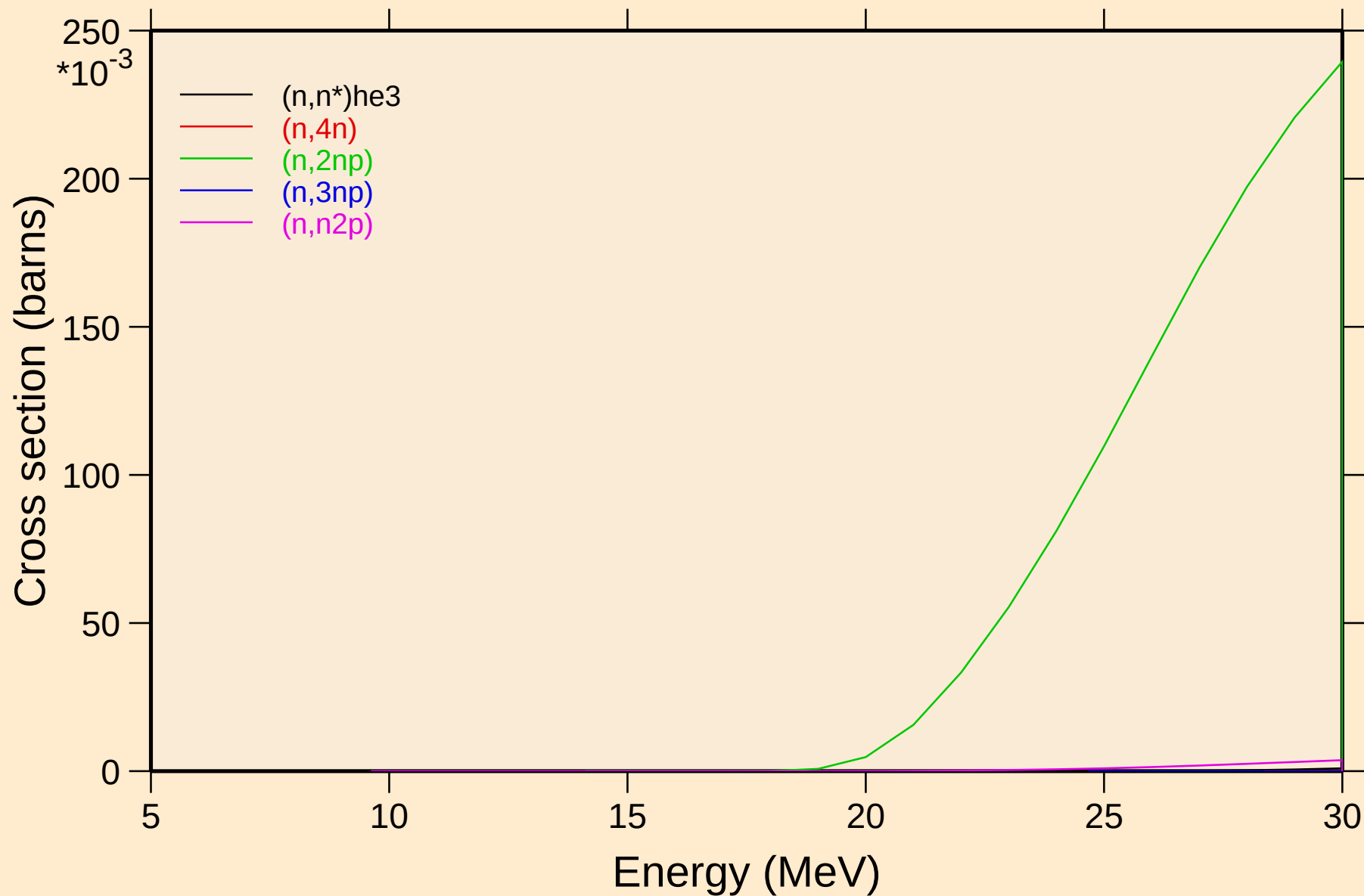
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Threshold reactions



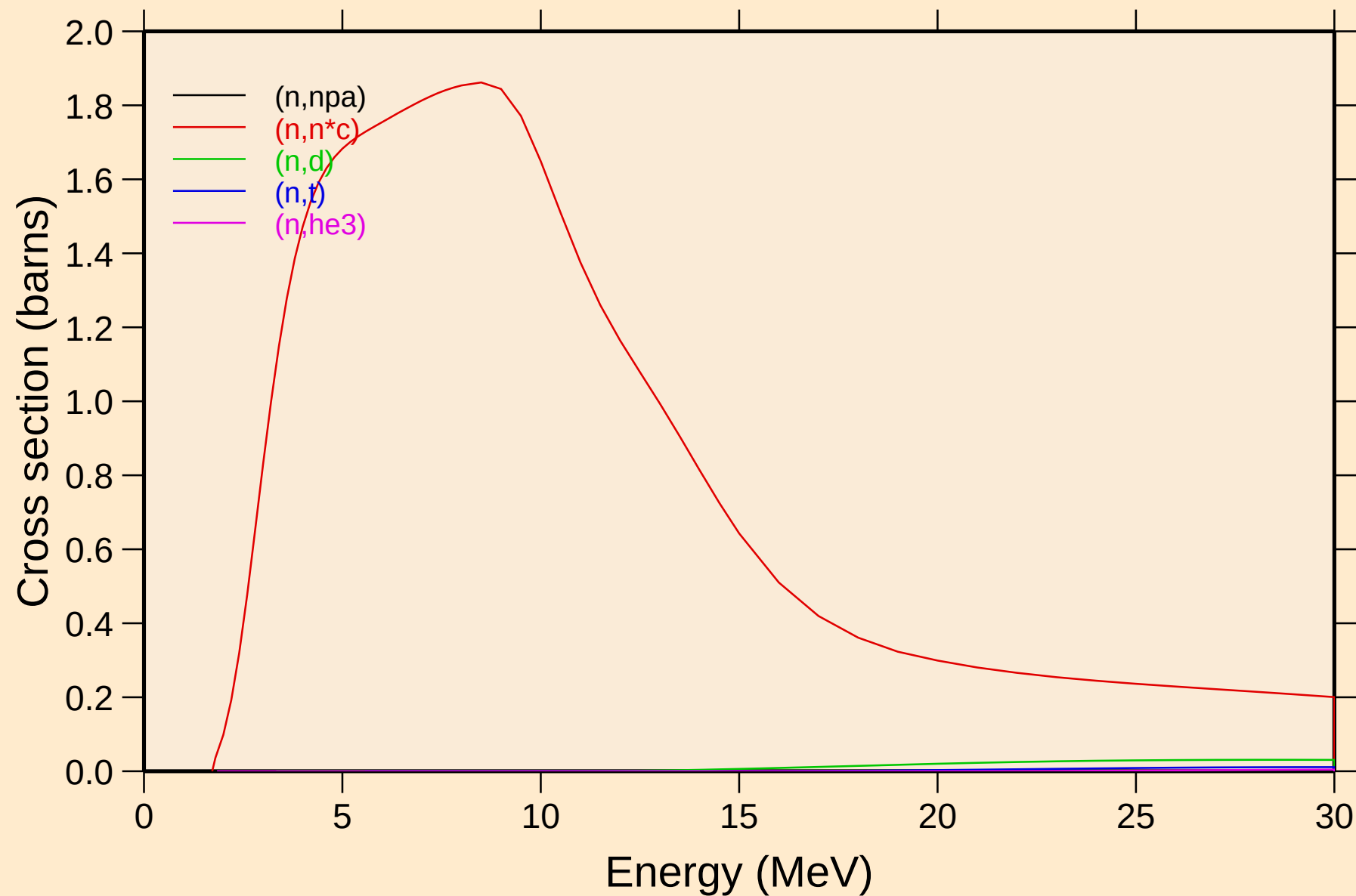
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Threshold reactions



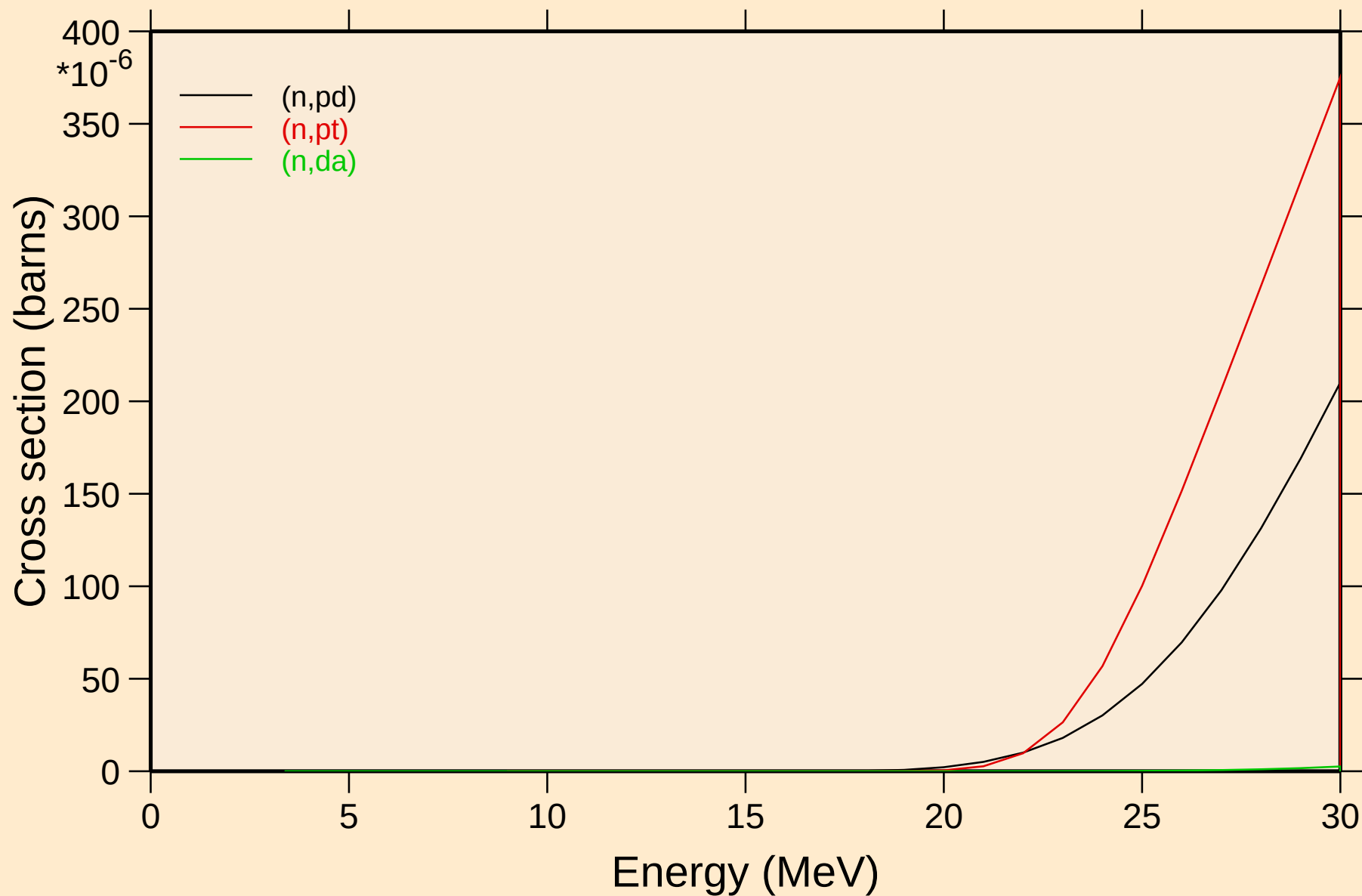
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Threshold reactions



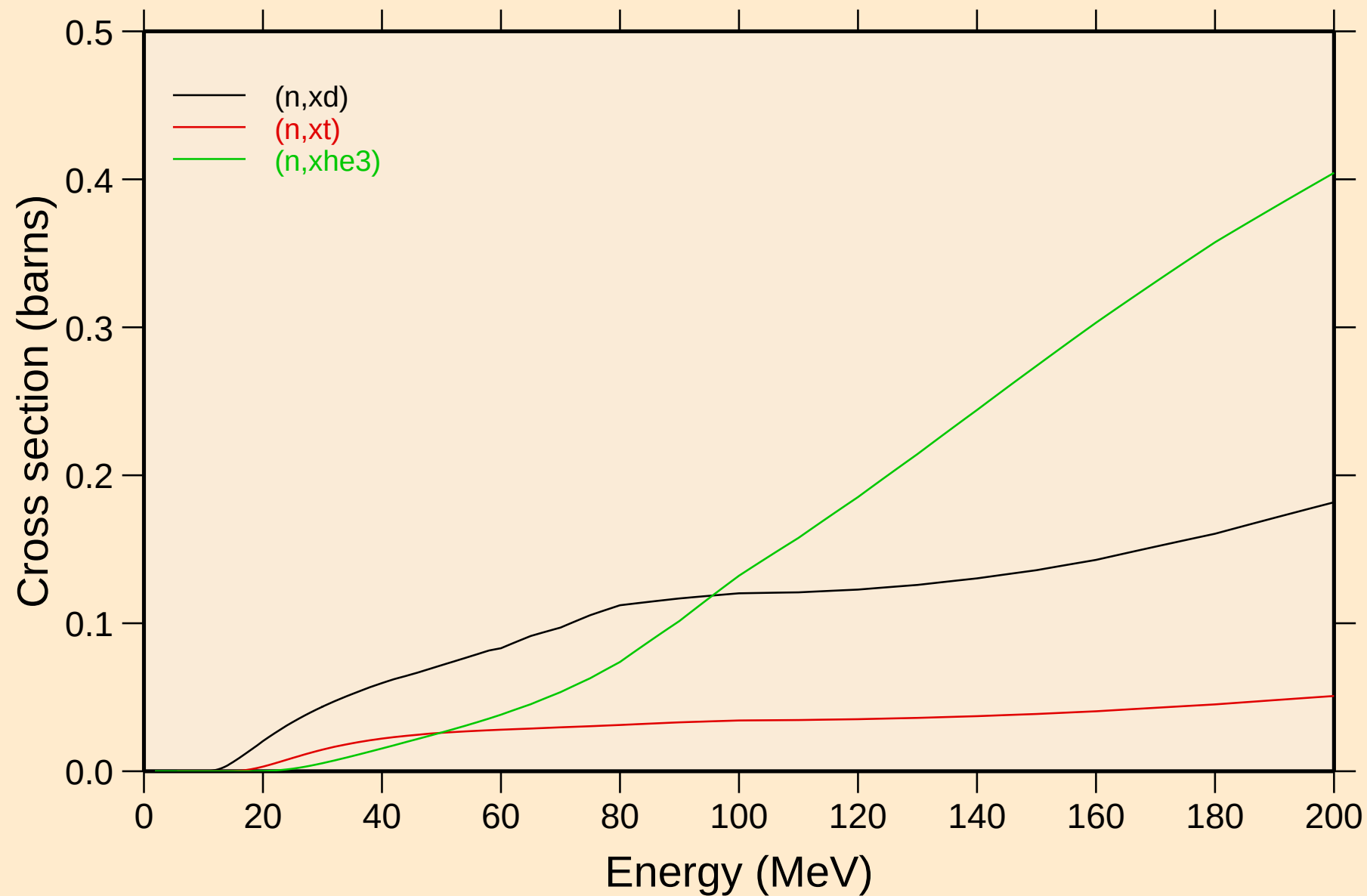
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Threshold reactions

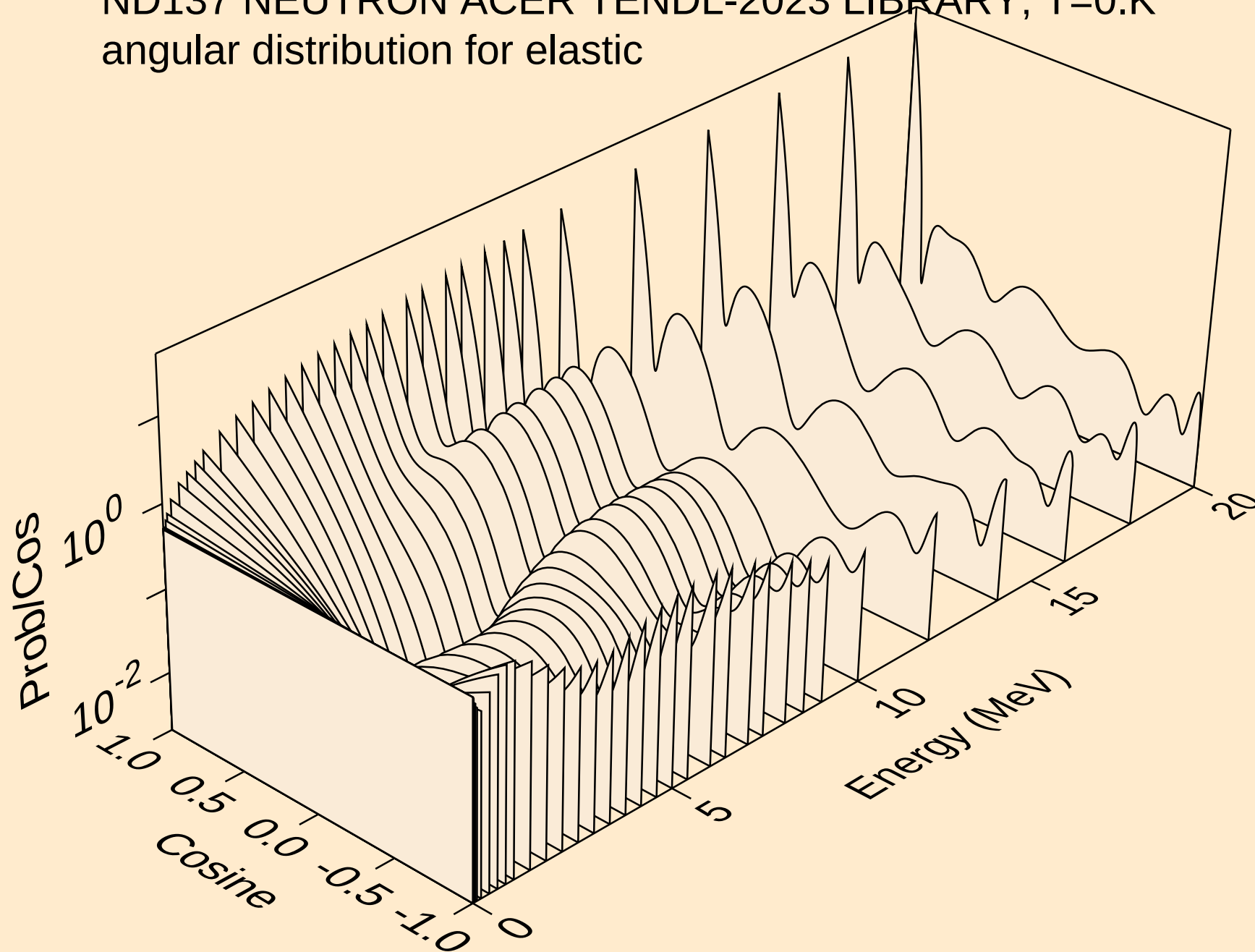


ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

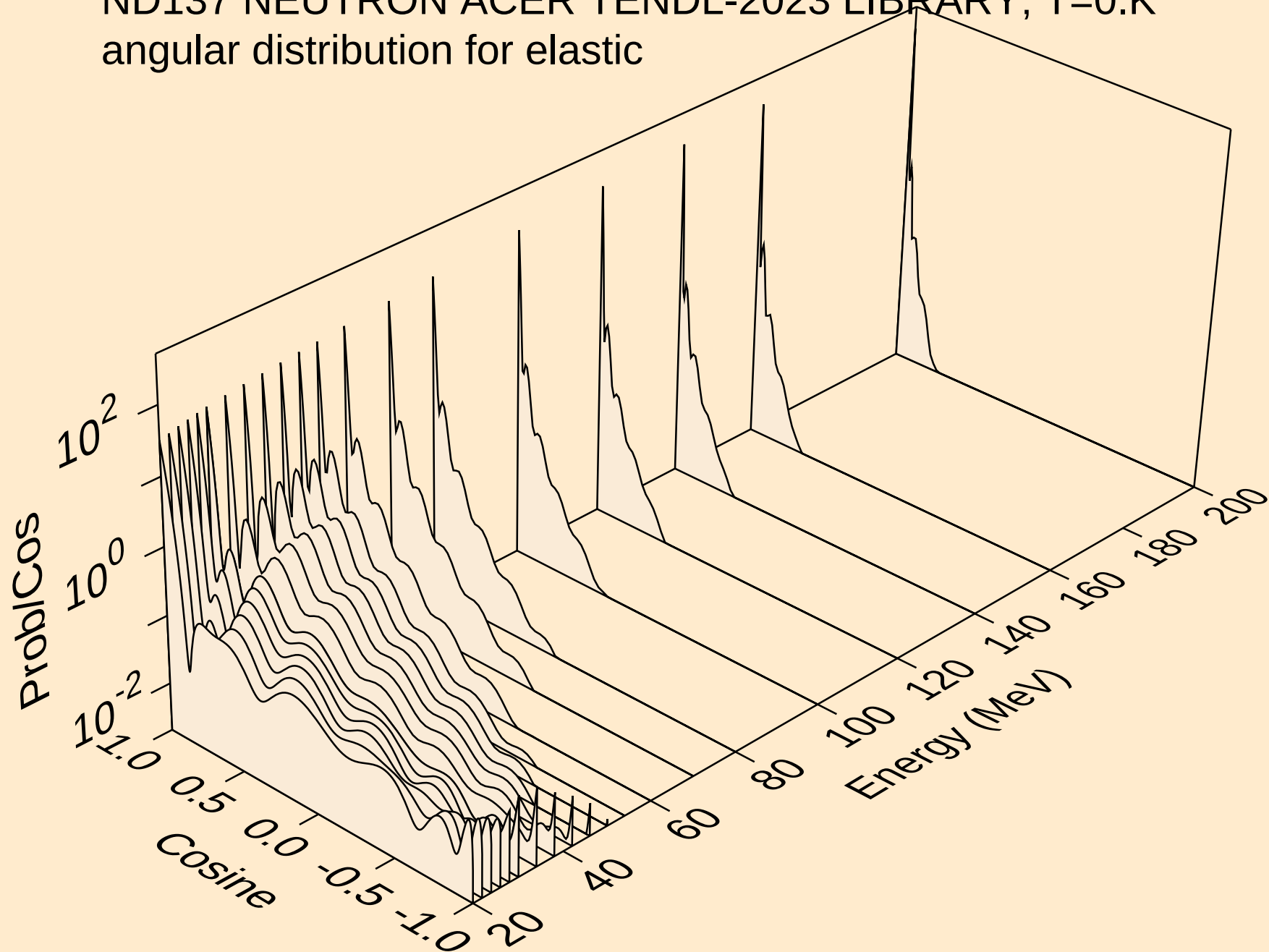
Threshold reactions



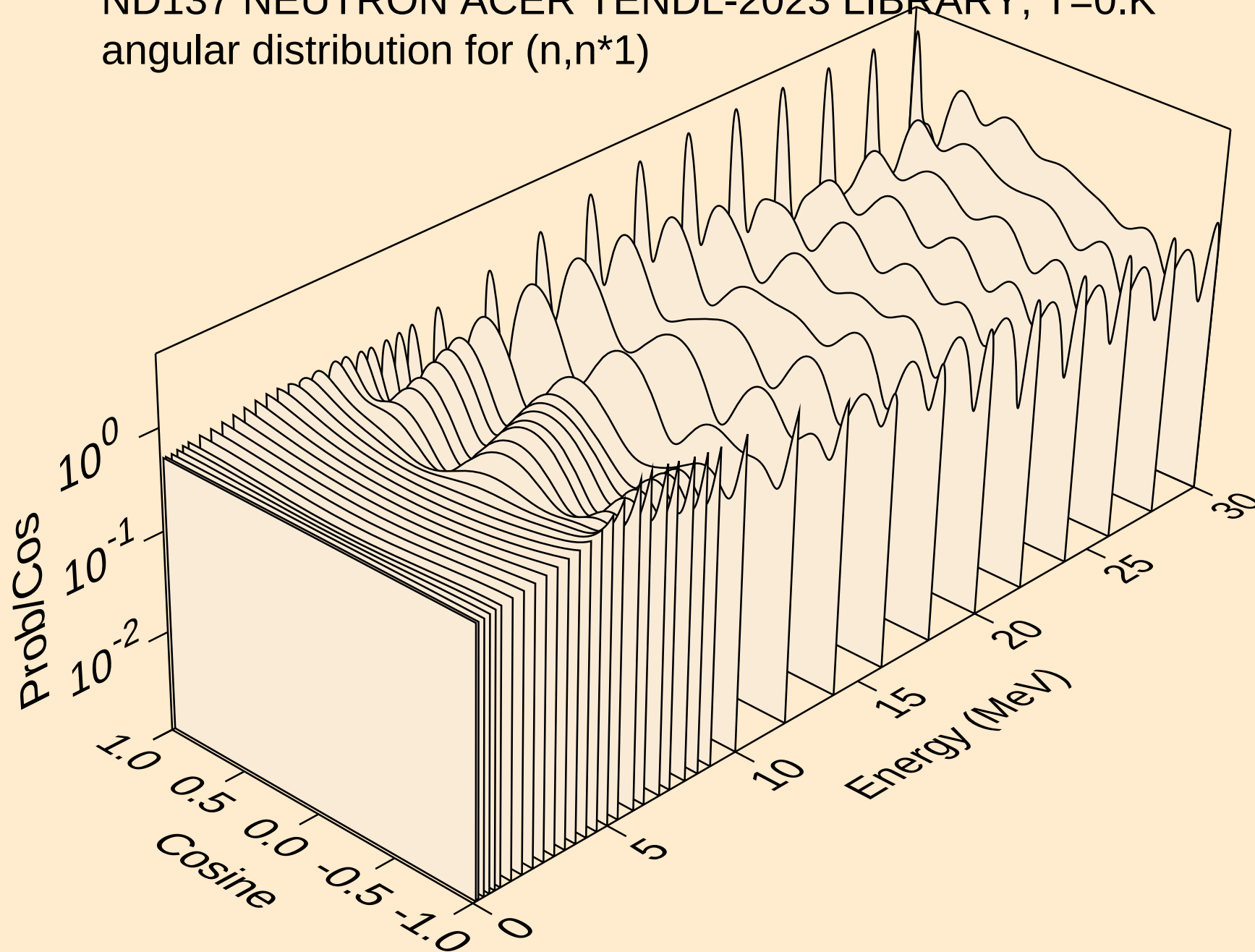
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



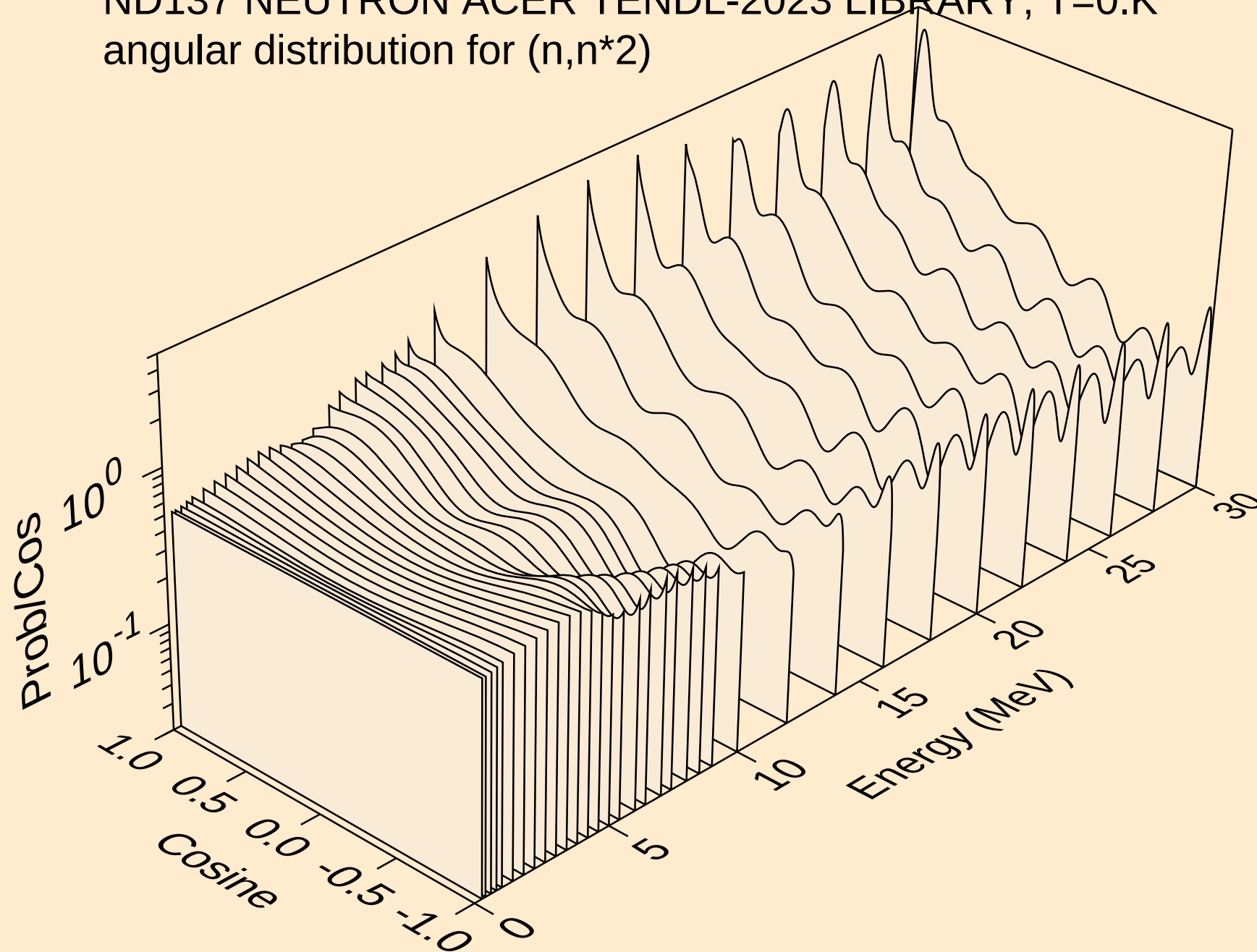
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



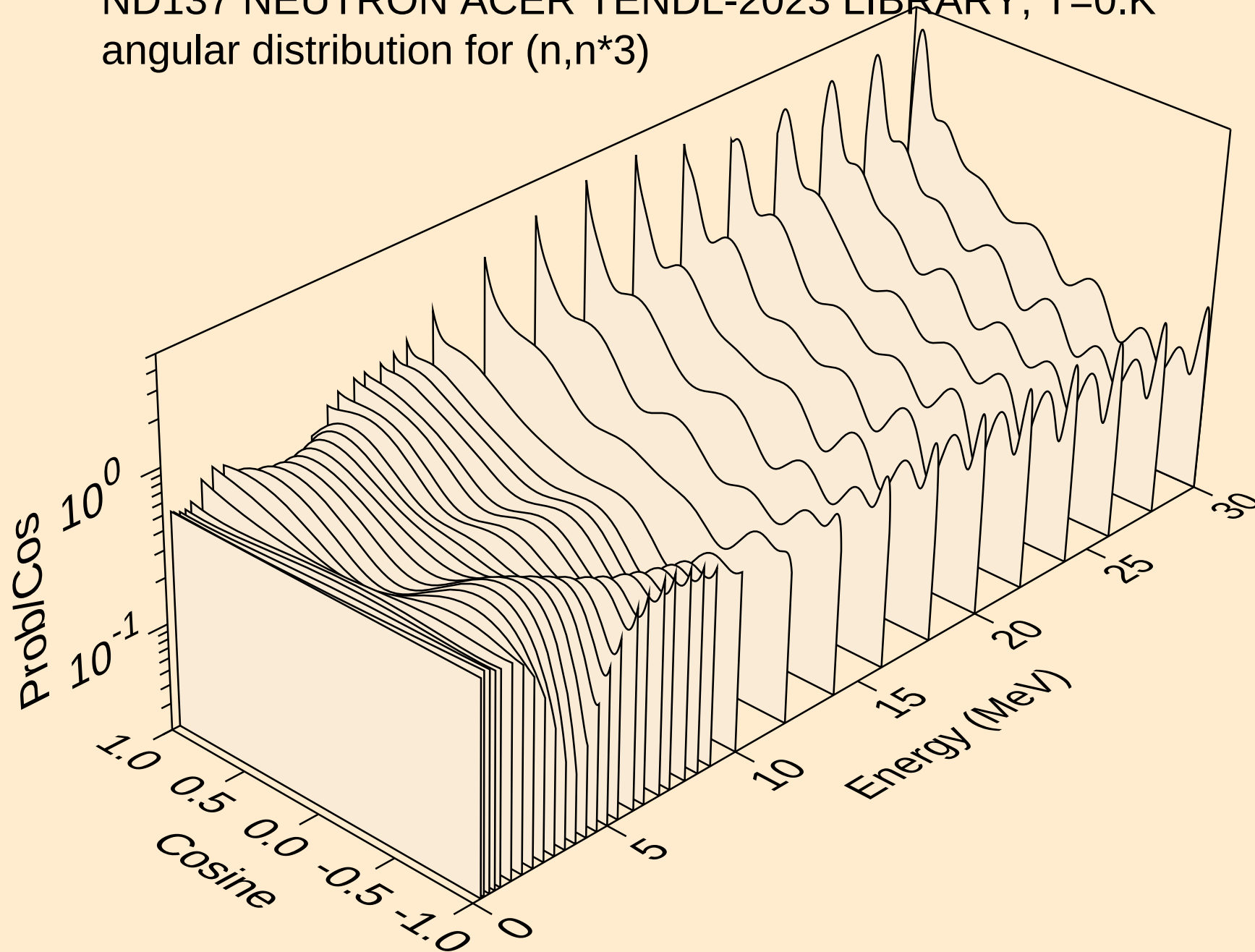
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



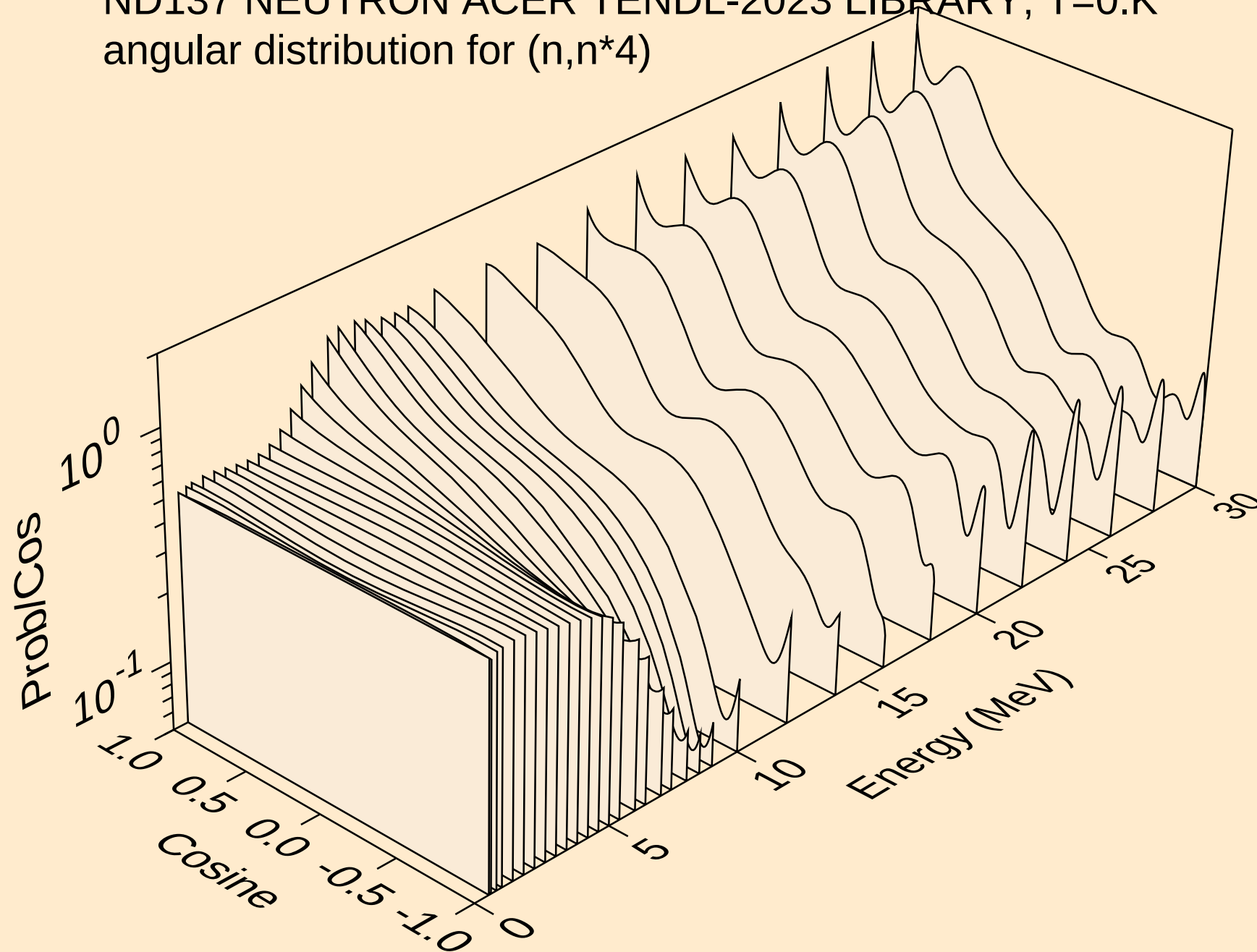
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



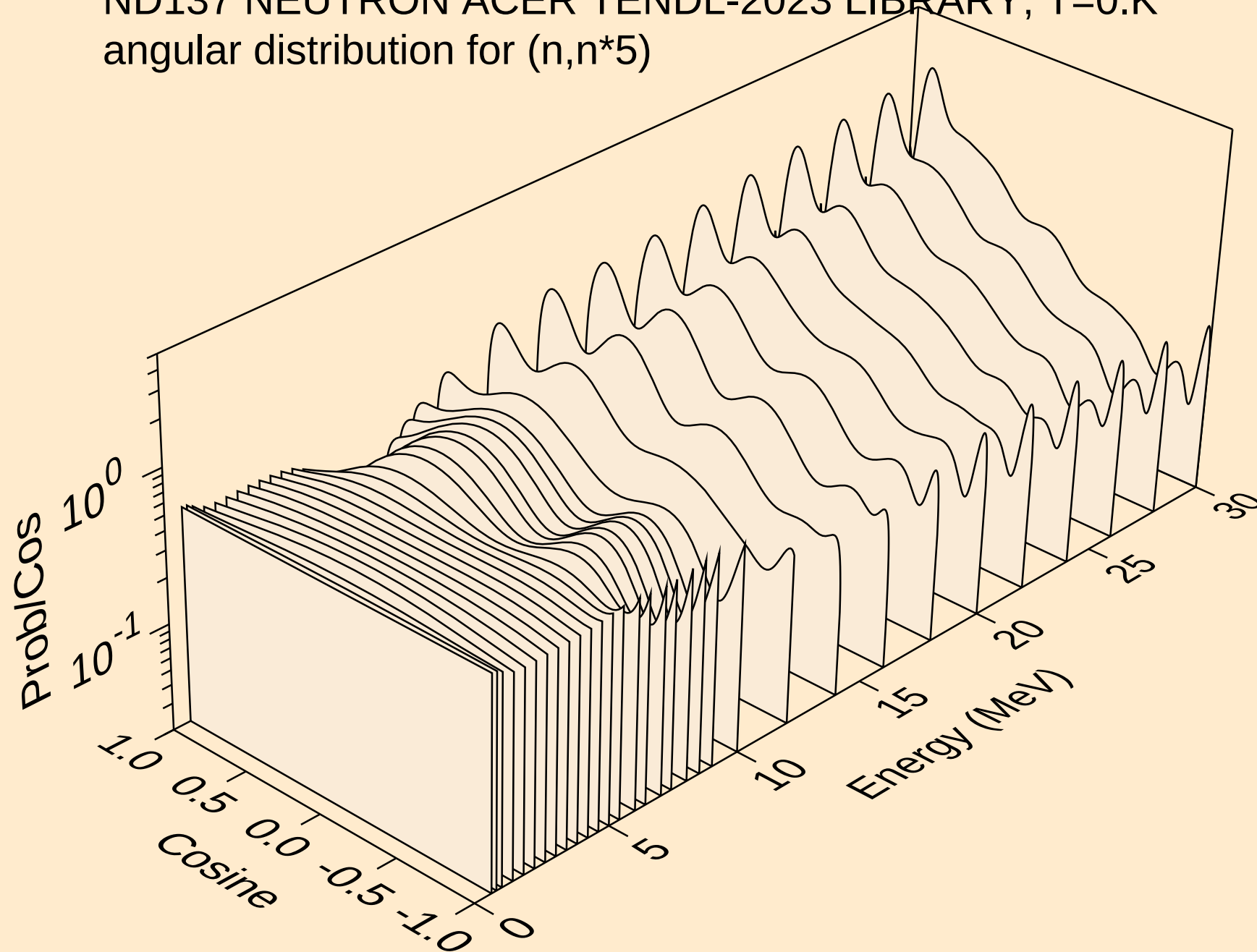
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



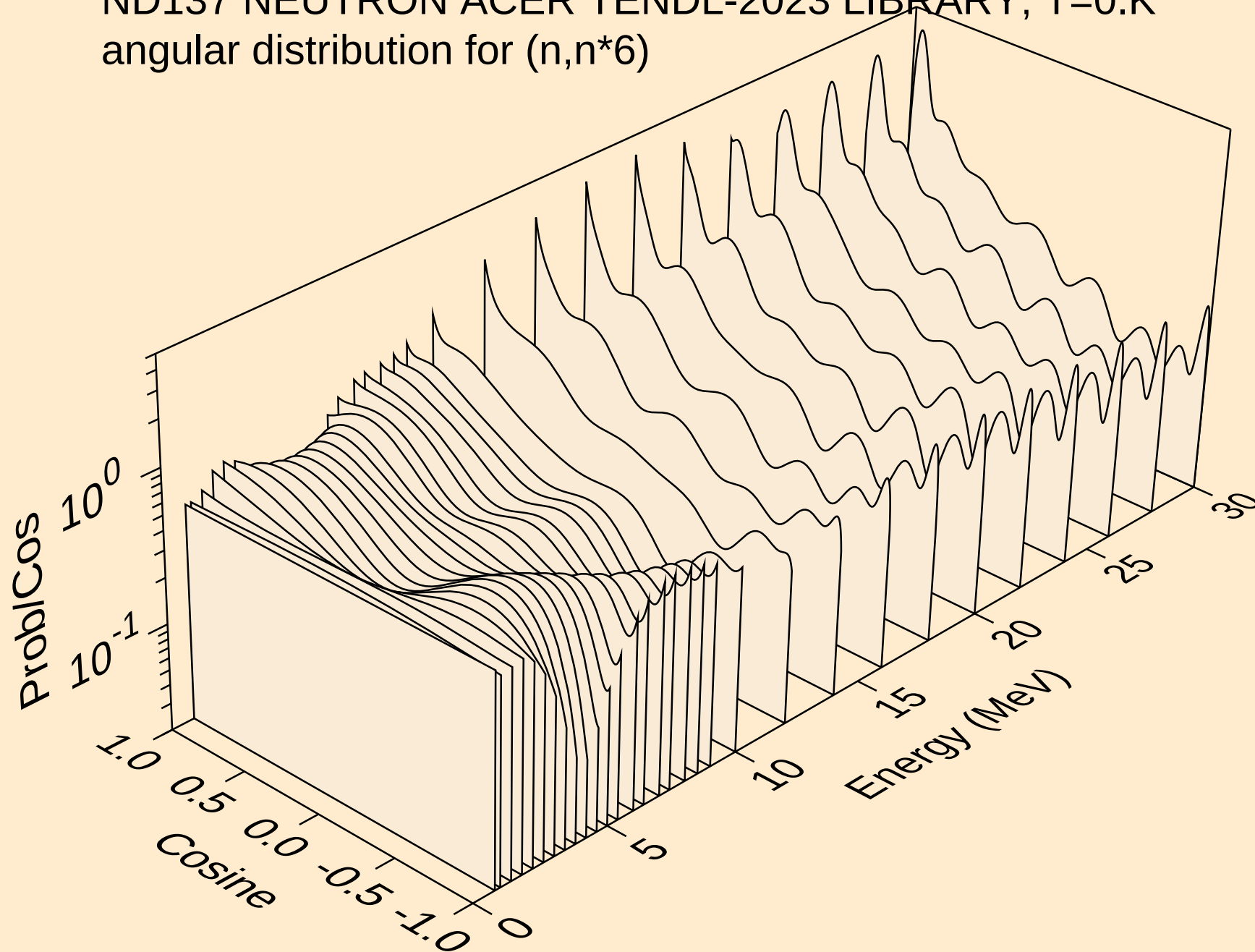
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angular distribution for (n,n*4)



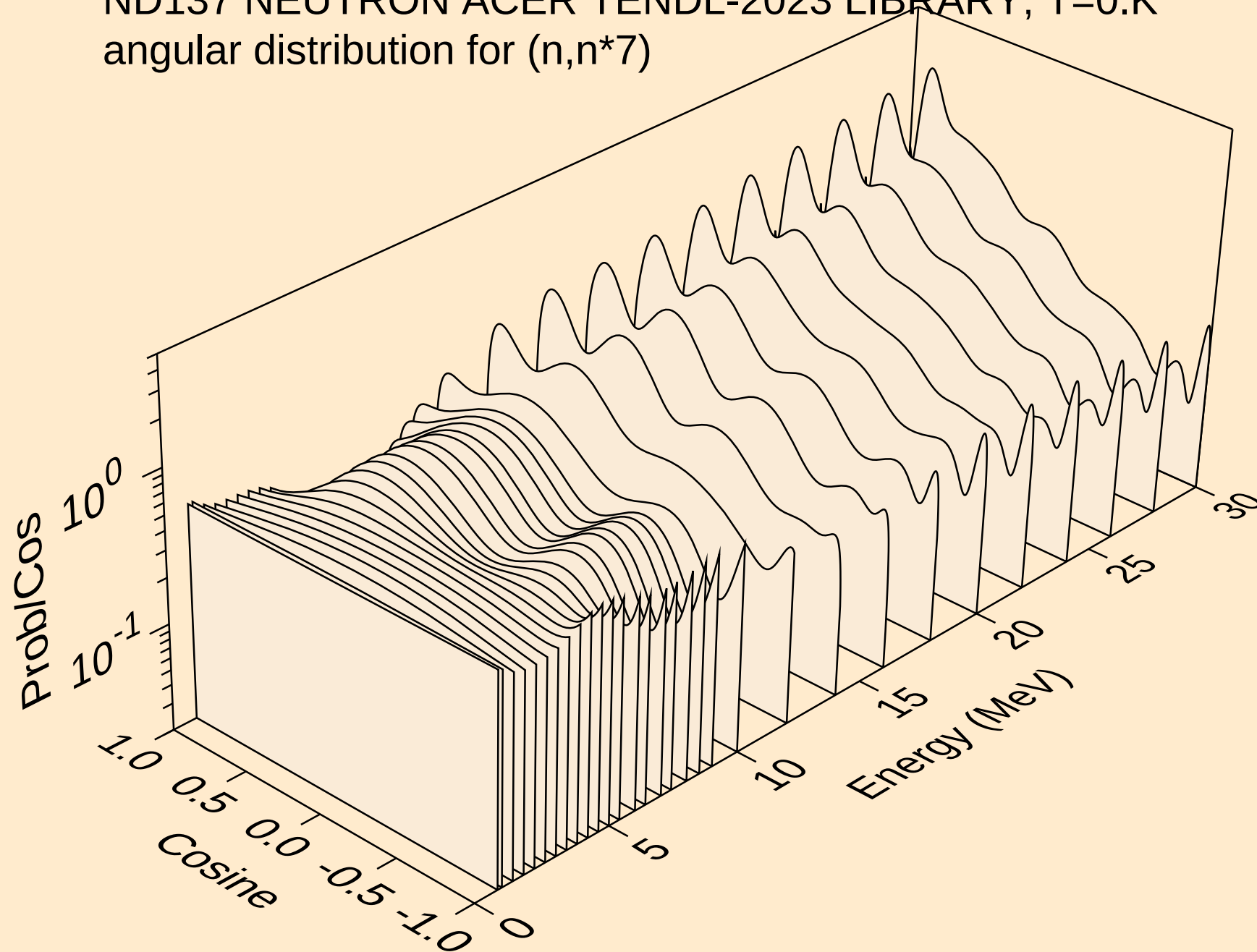
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angular distribution for (n,n*5)



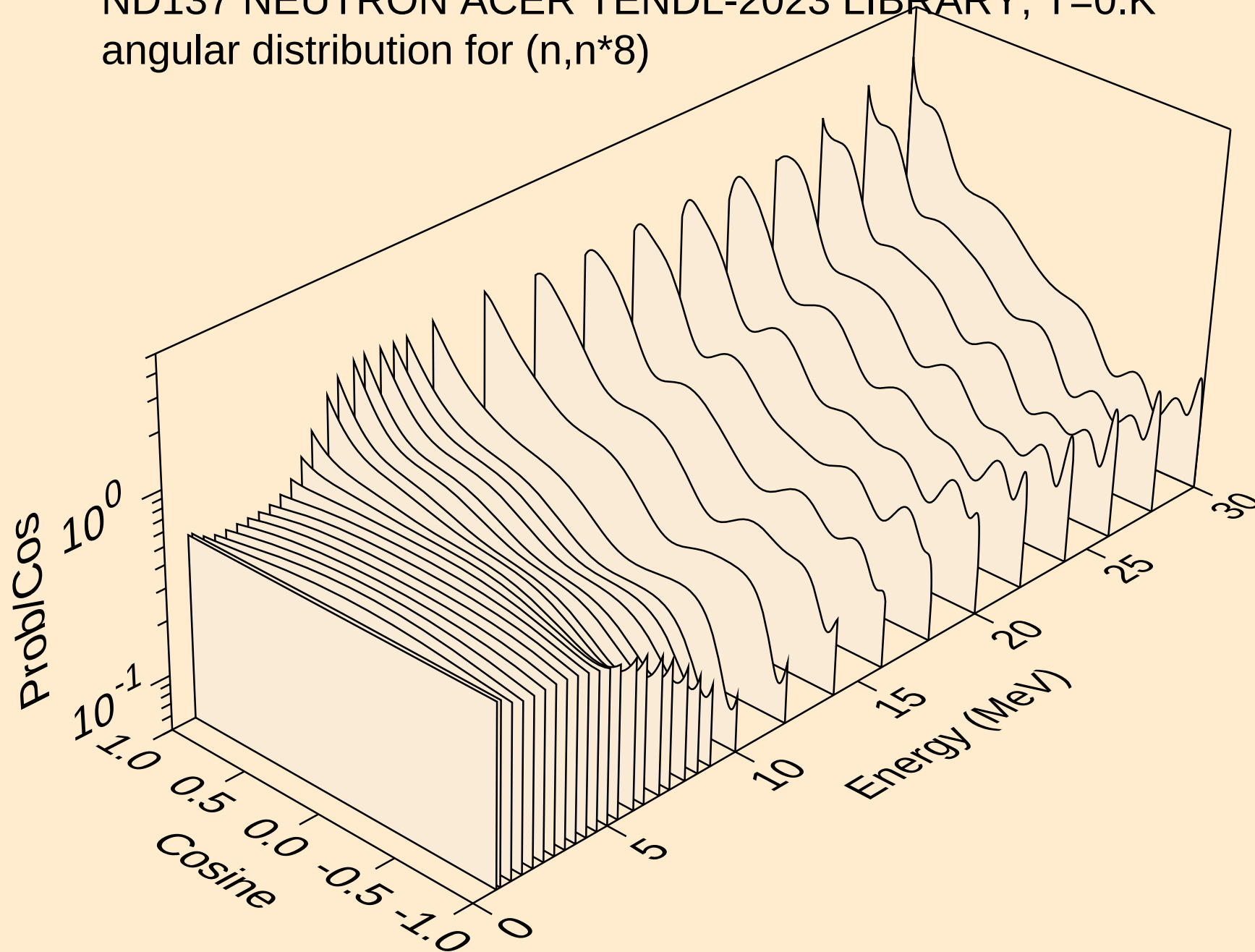
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angular distribution for (n,n*6)



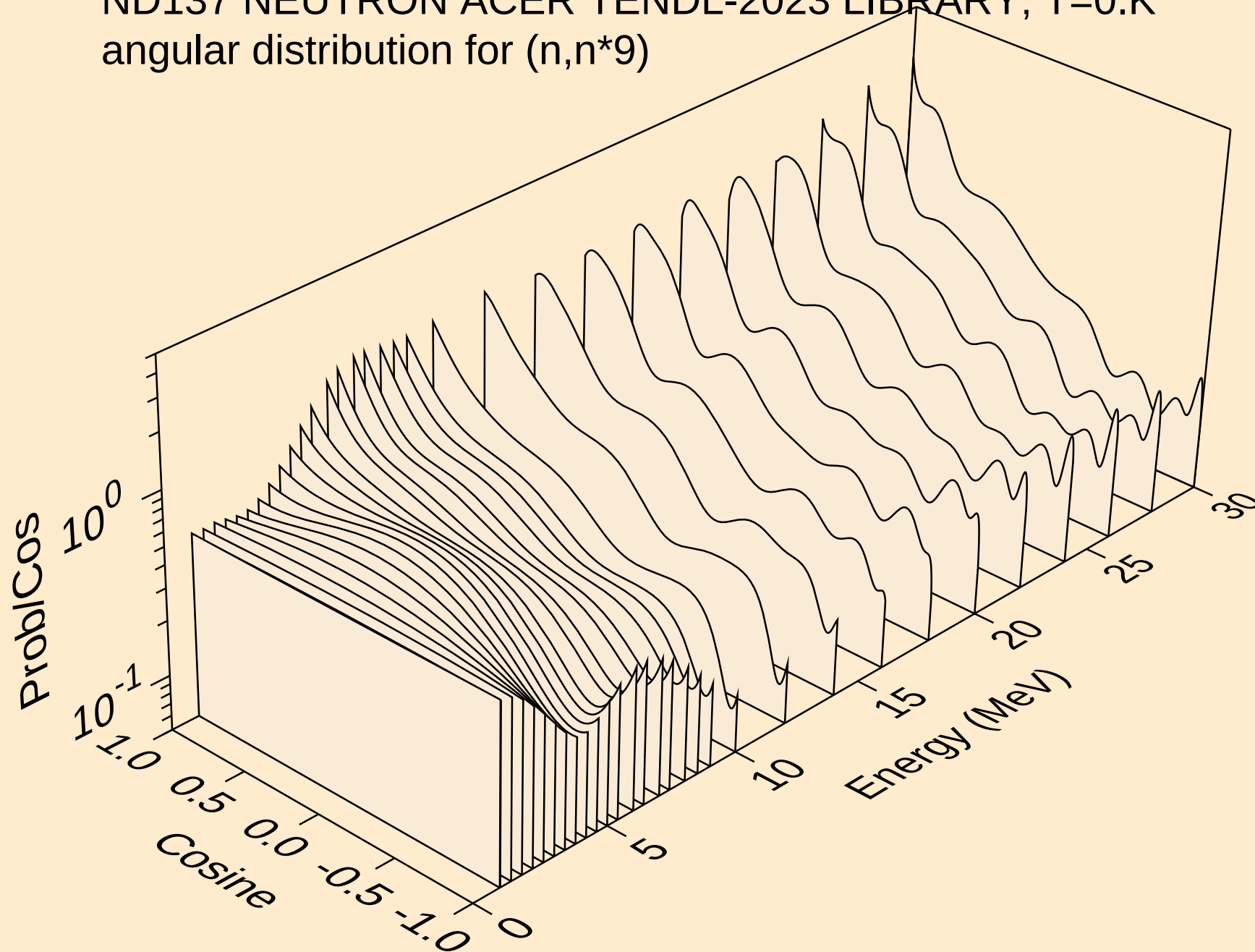
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angular distribution for (n,n*7)



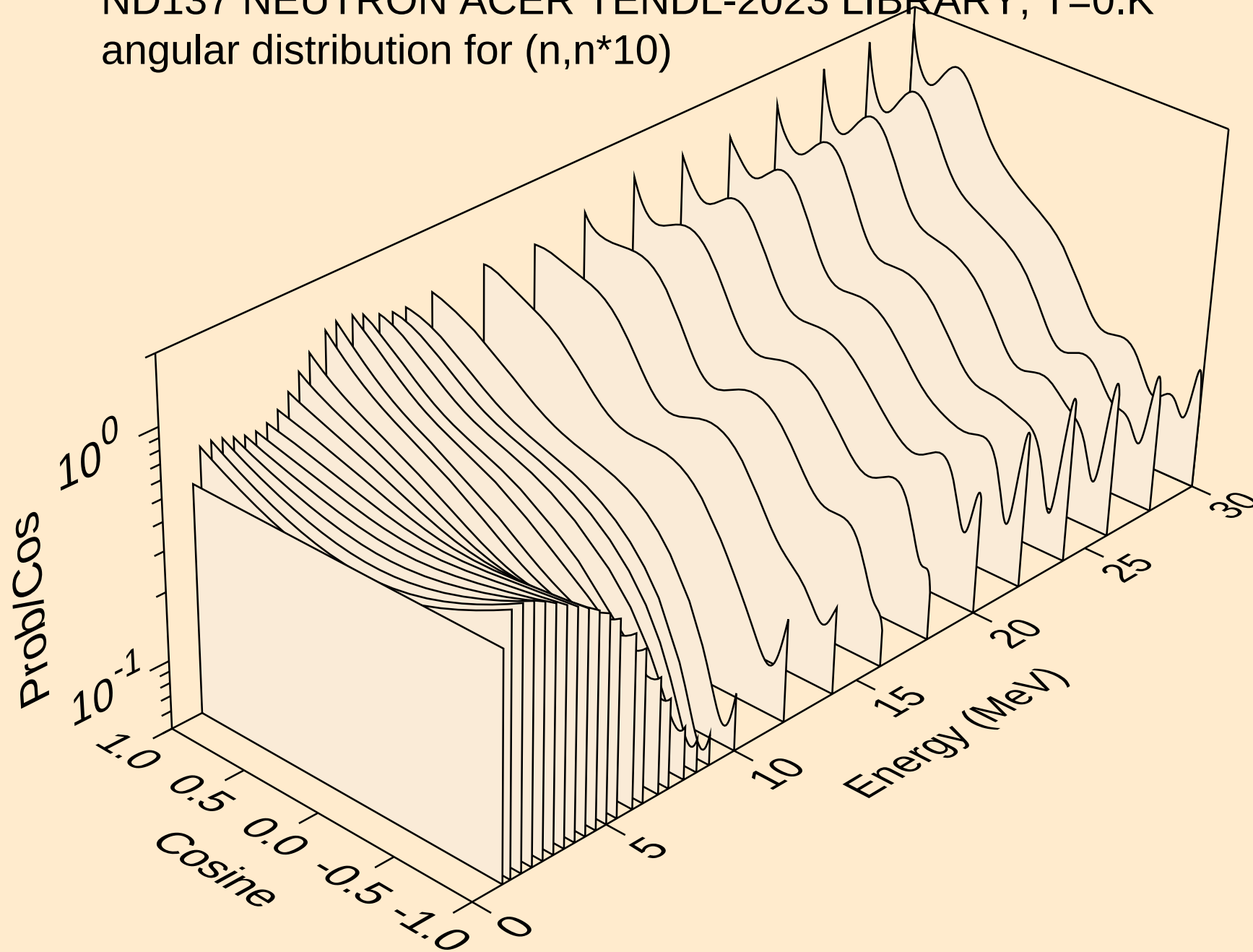
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angular distribution for (n,n*8)



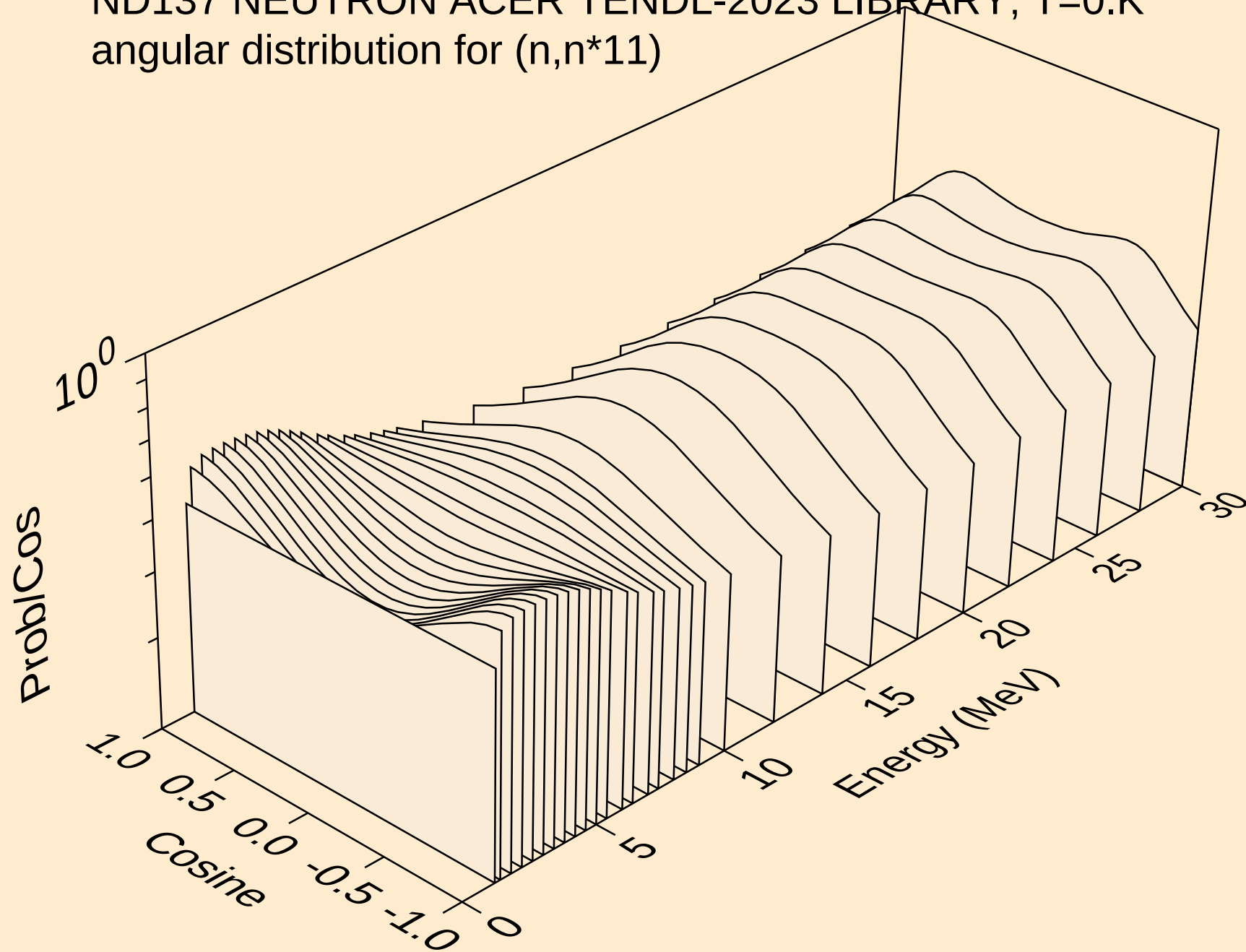
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angular distribution for (n,n*9)



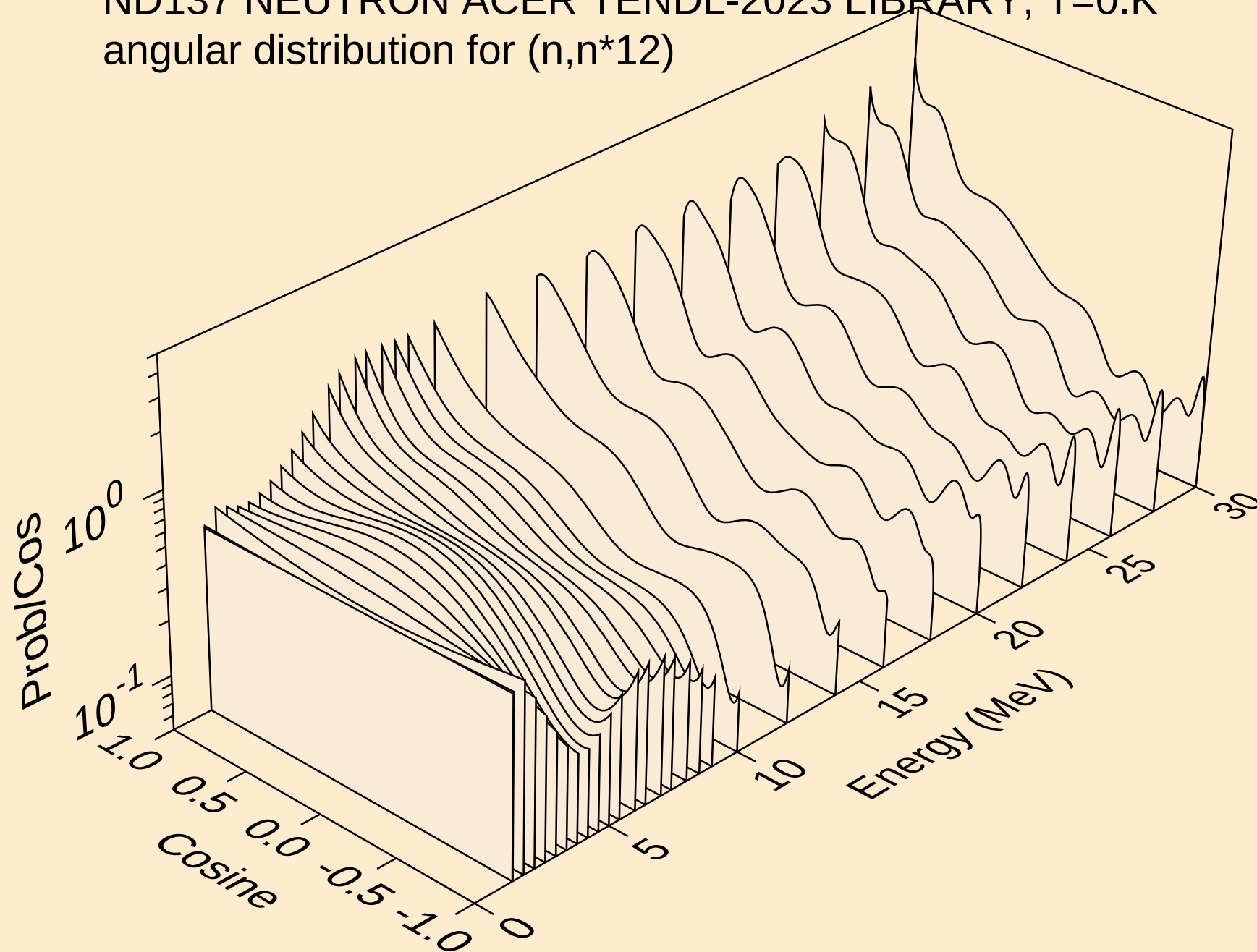
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angular distribution for (n,n*10)



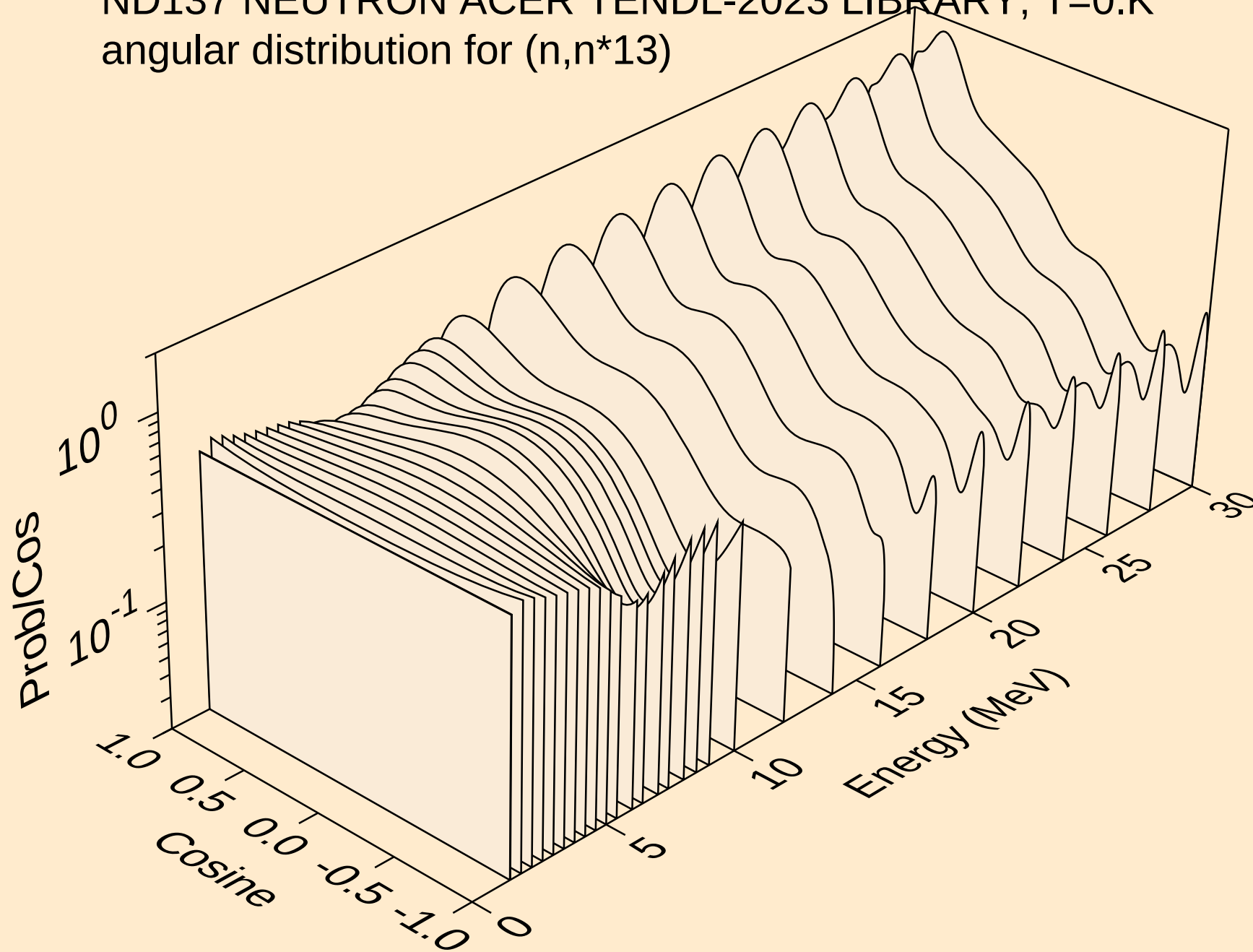
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angular distribution for (n,n*11)



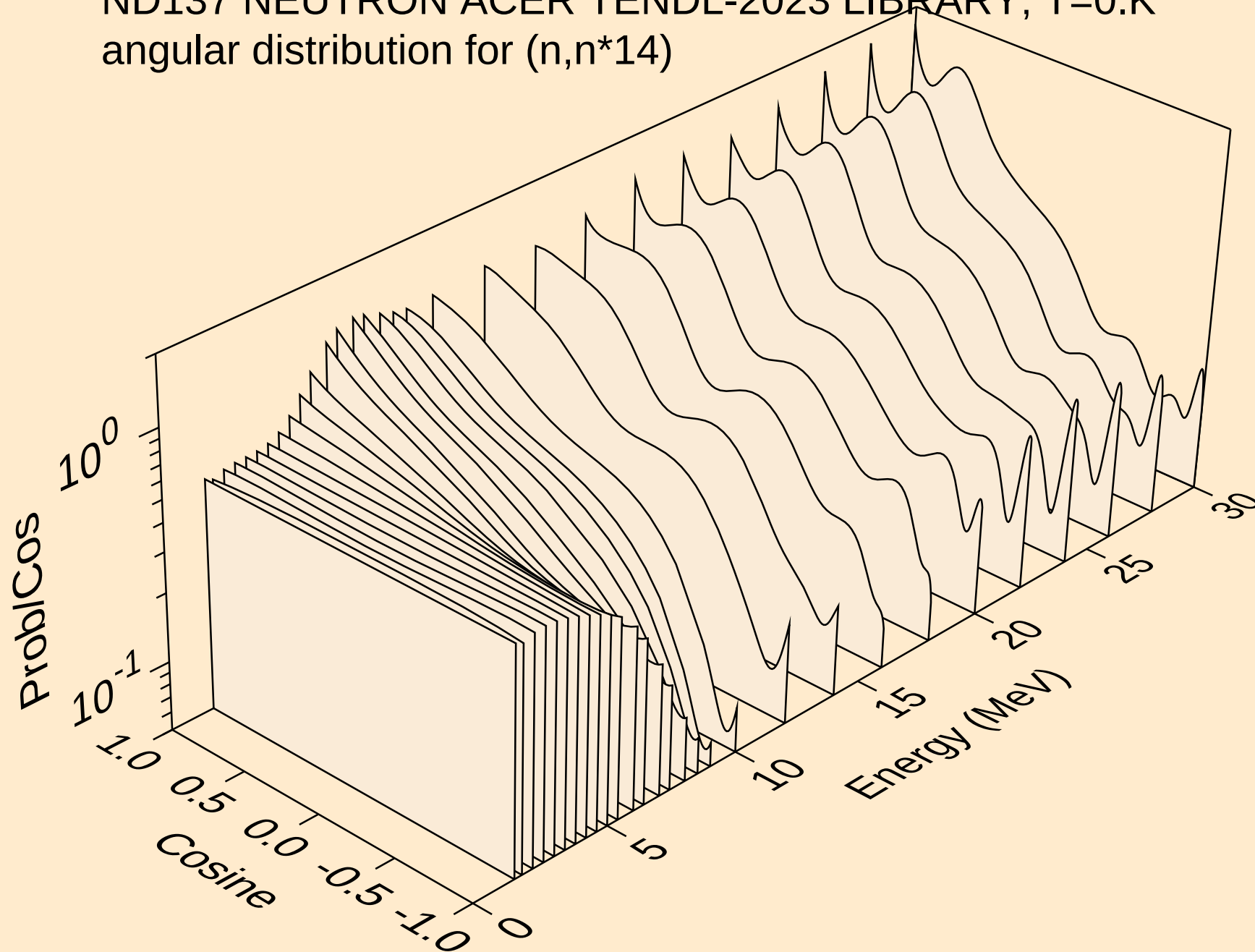
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angular distribution for (n,n*12)



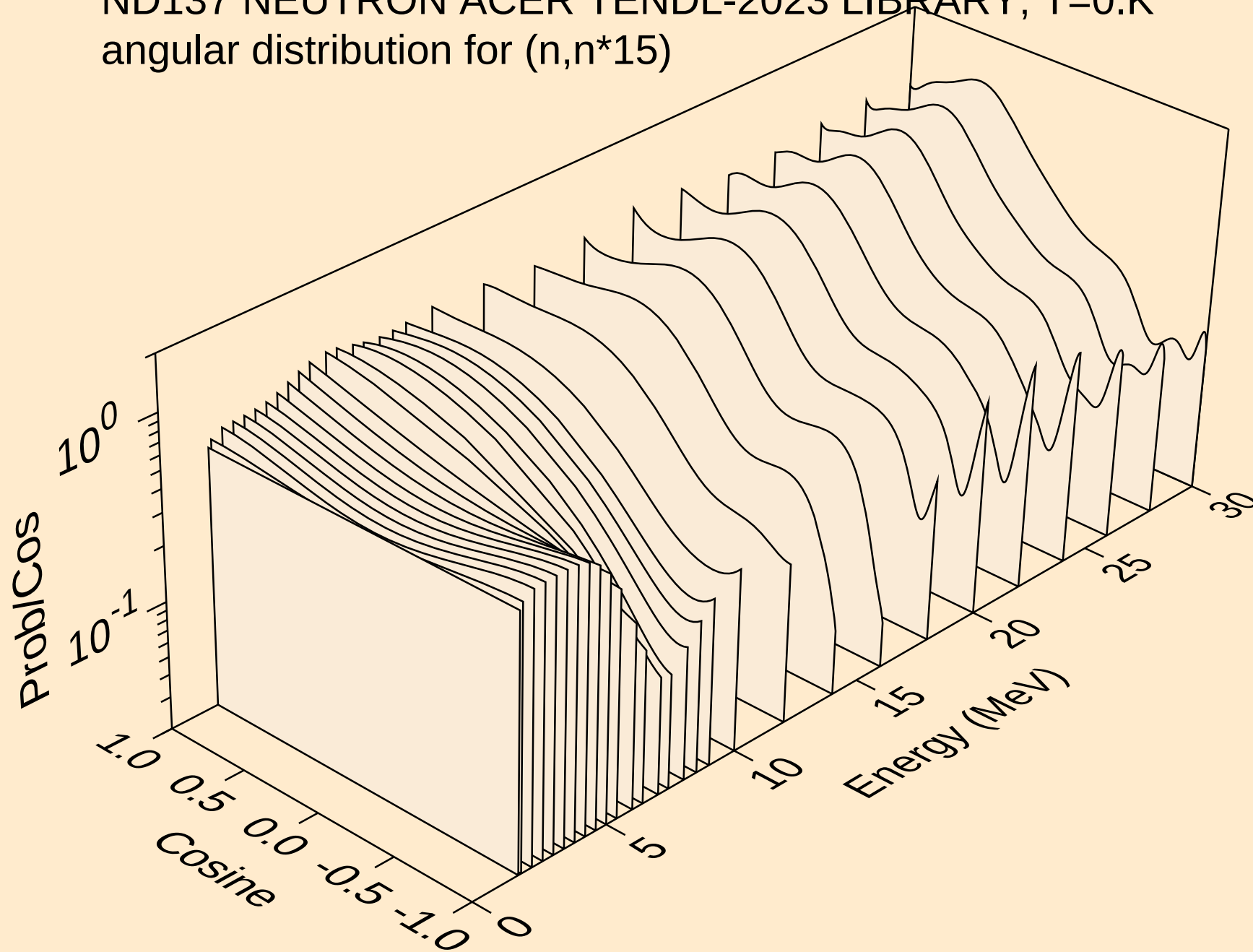
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angular distribution for (n,n*13)



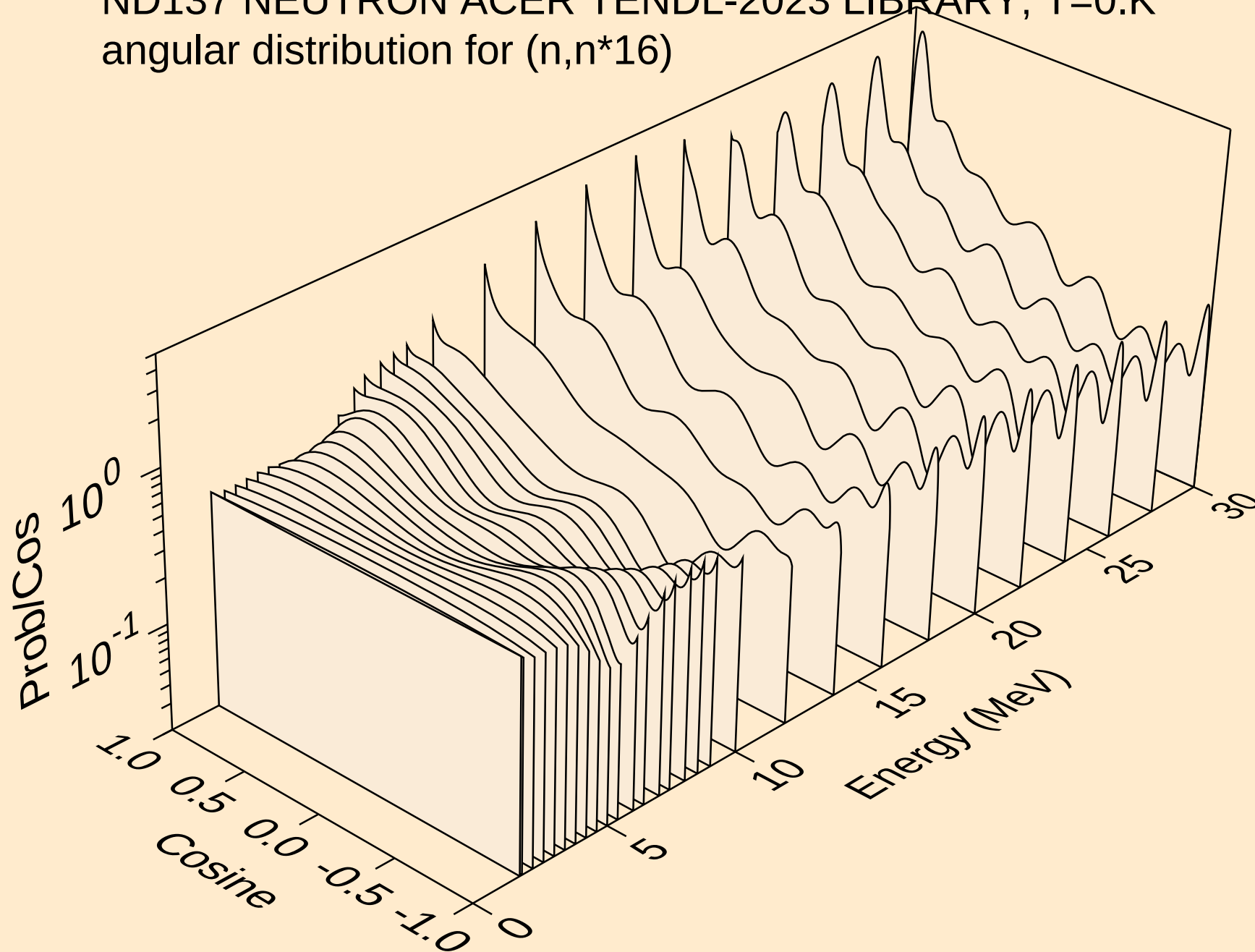
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angular distribution for (n,n*14)



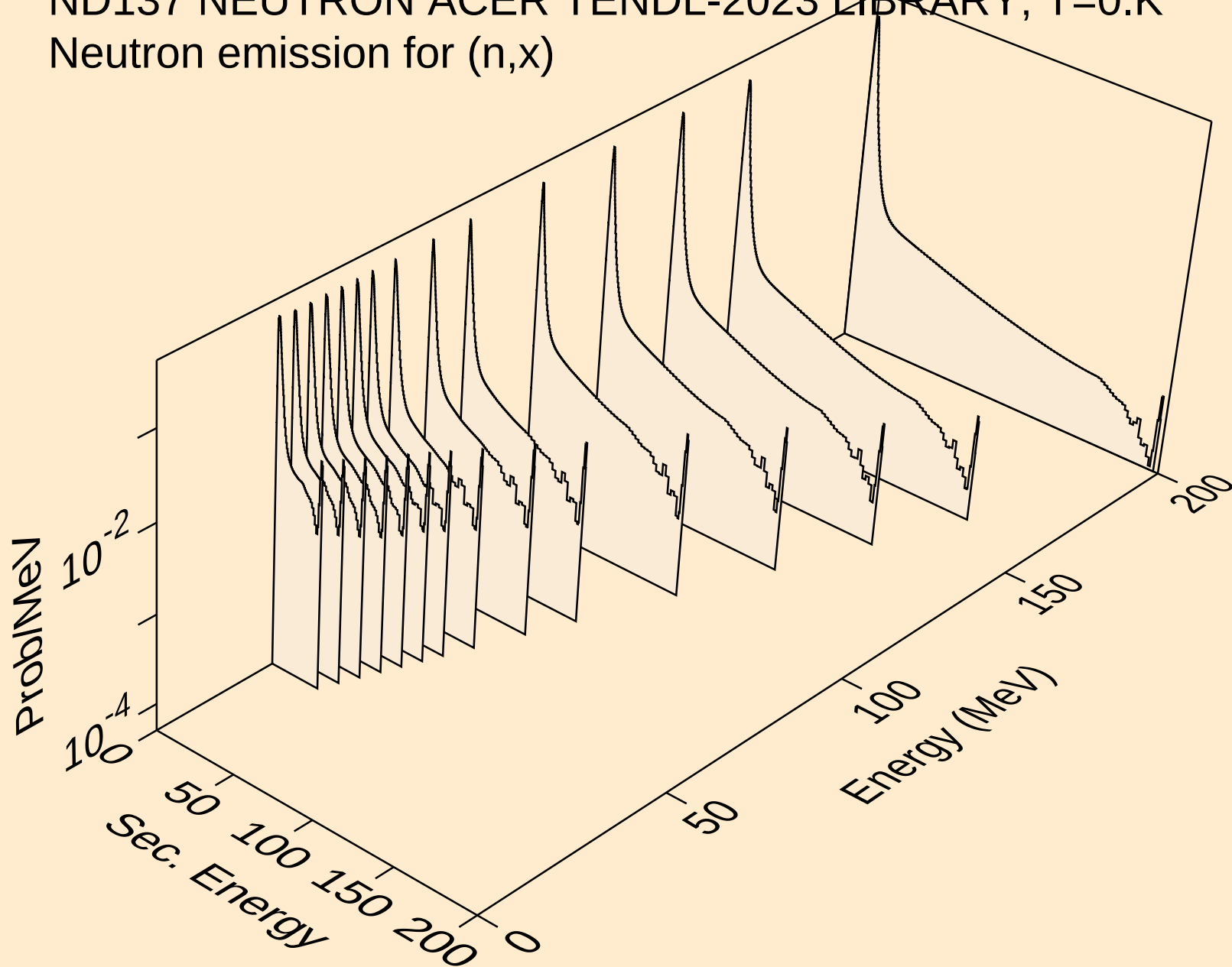
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angular distribution for (n,n*15)



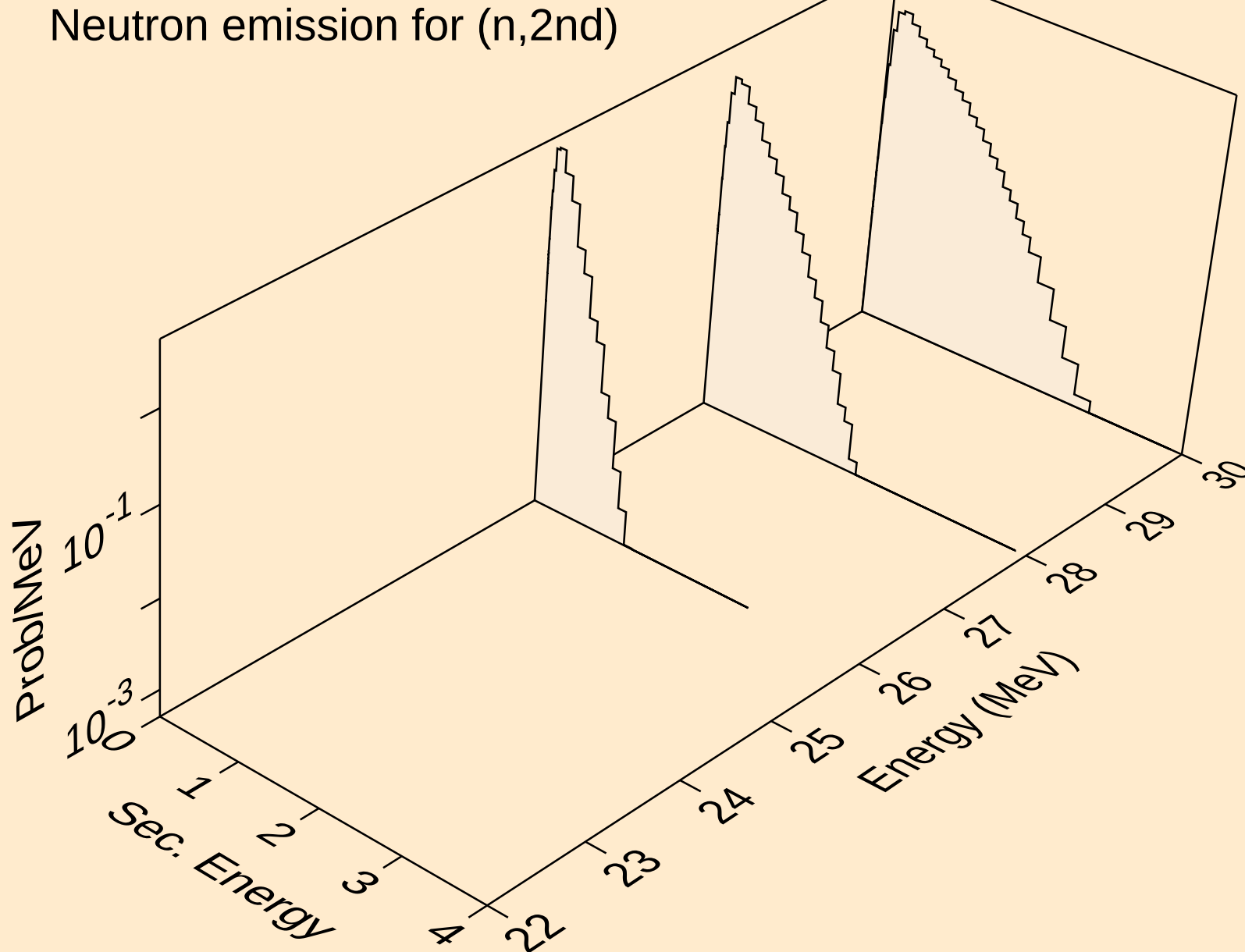
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angular distribution for (n,n*16)



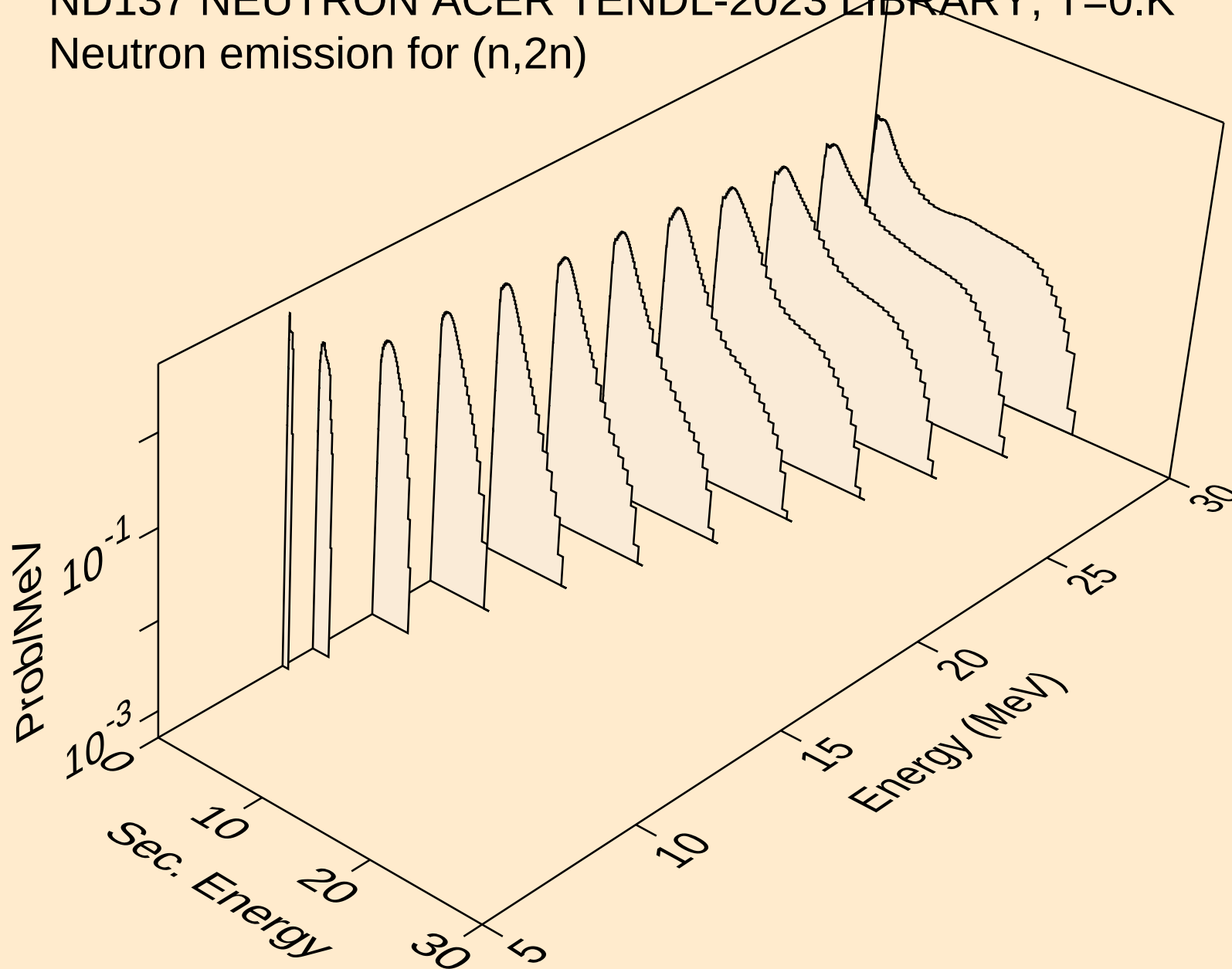
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



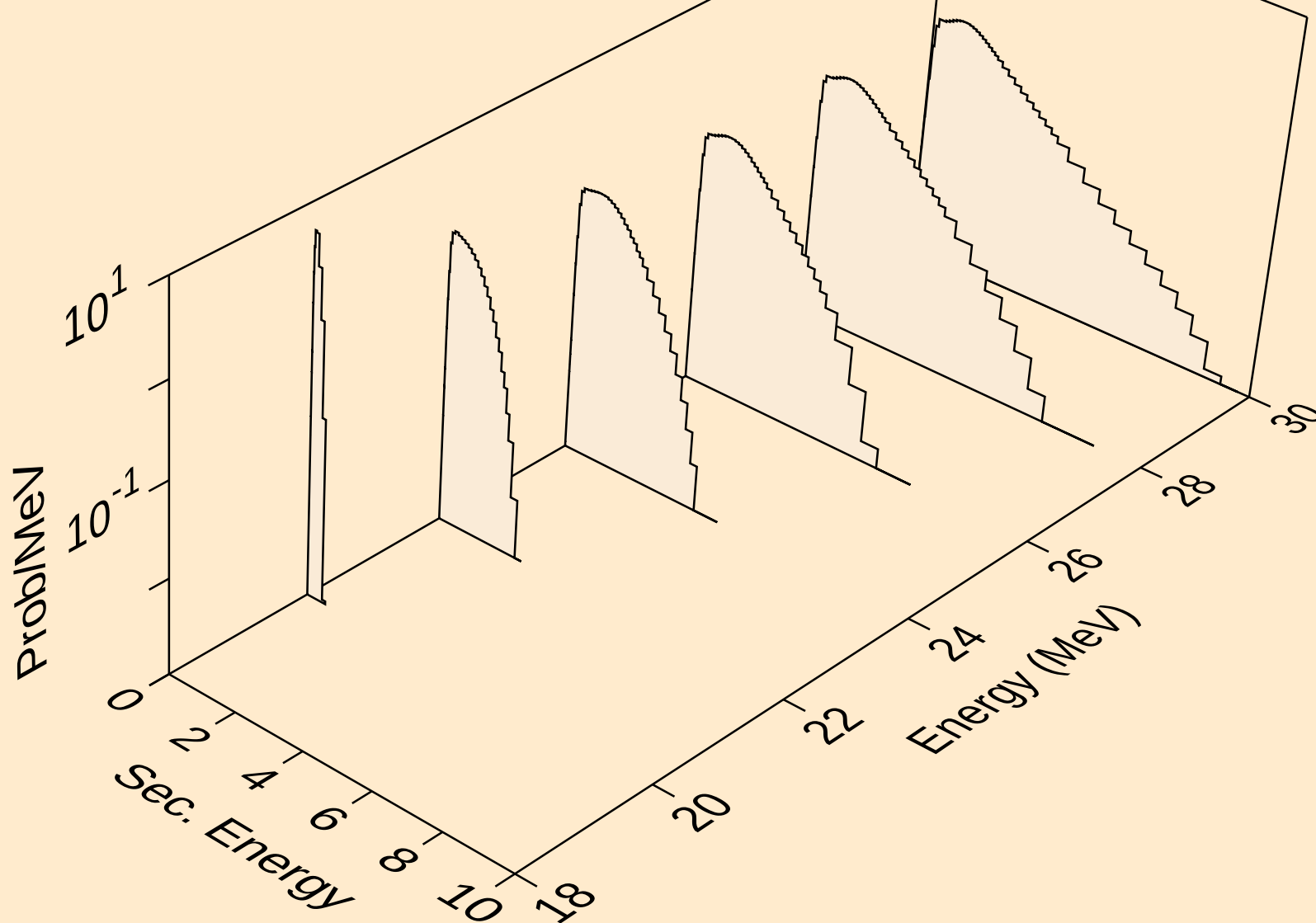
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



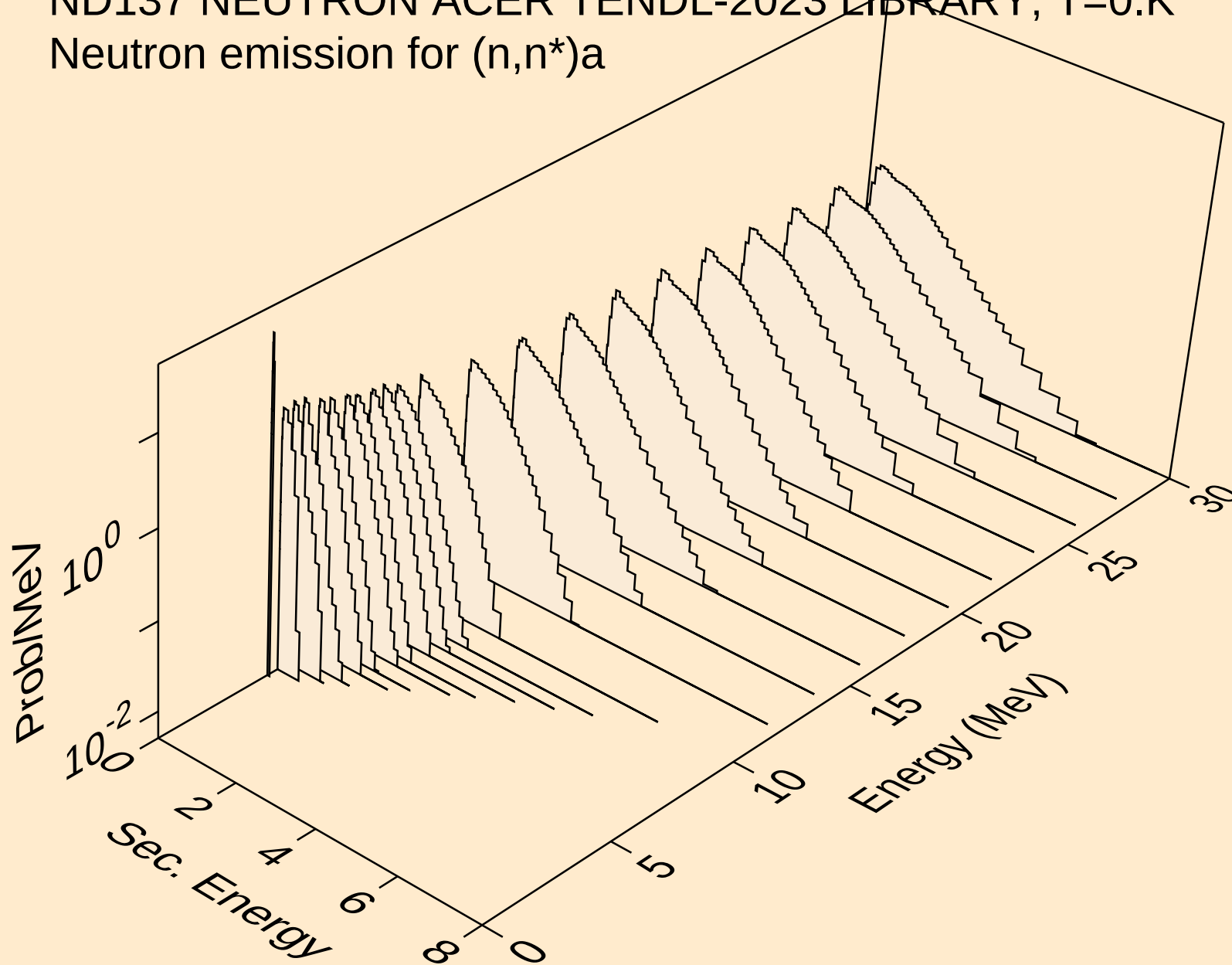
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



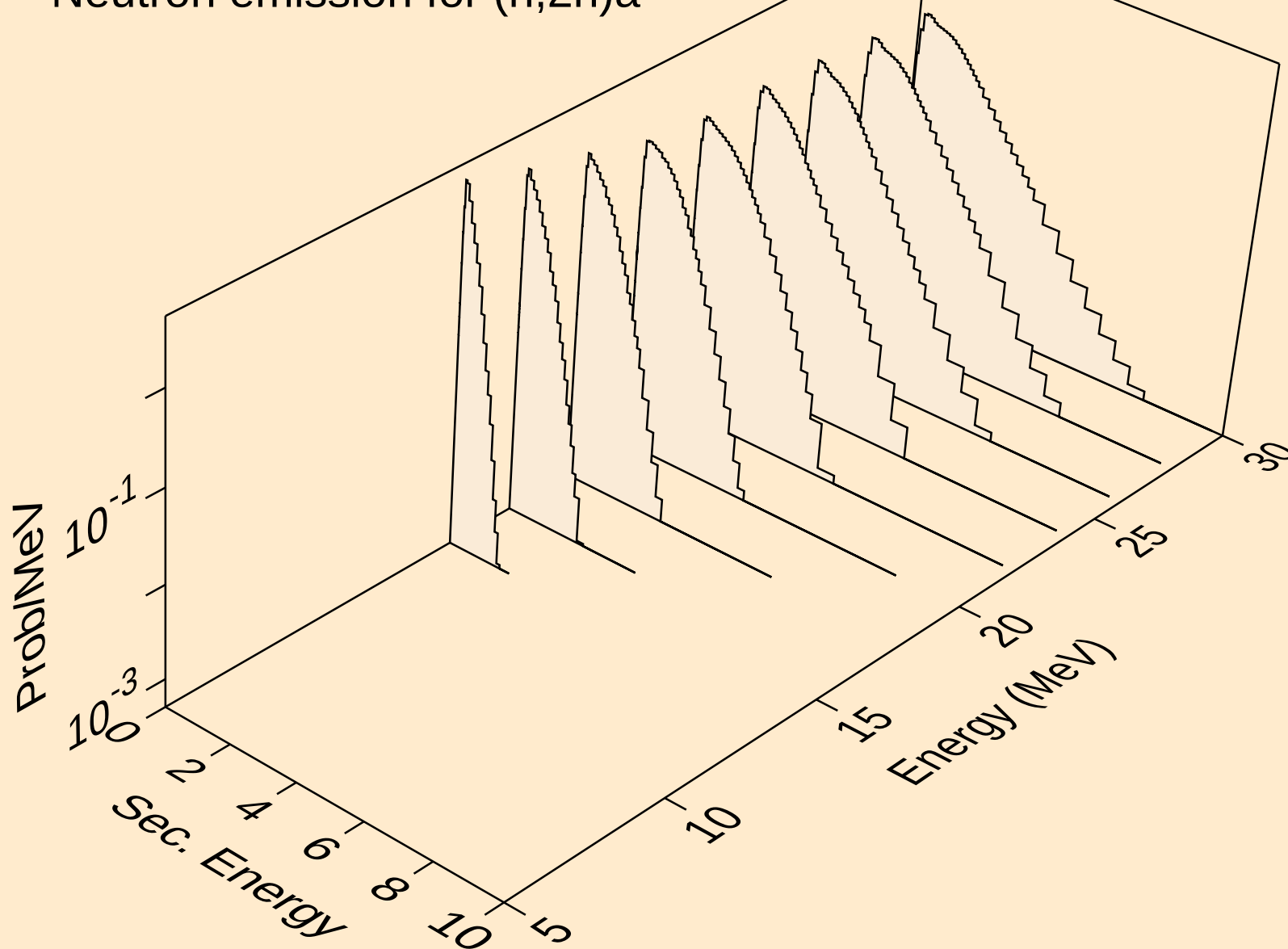
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



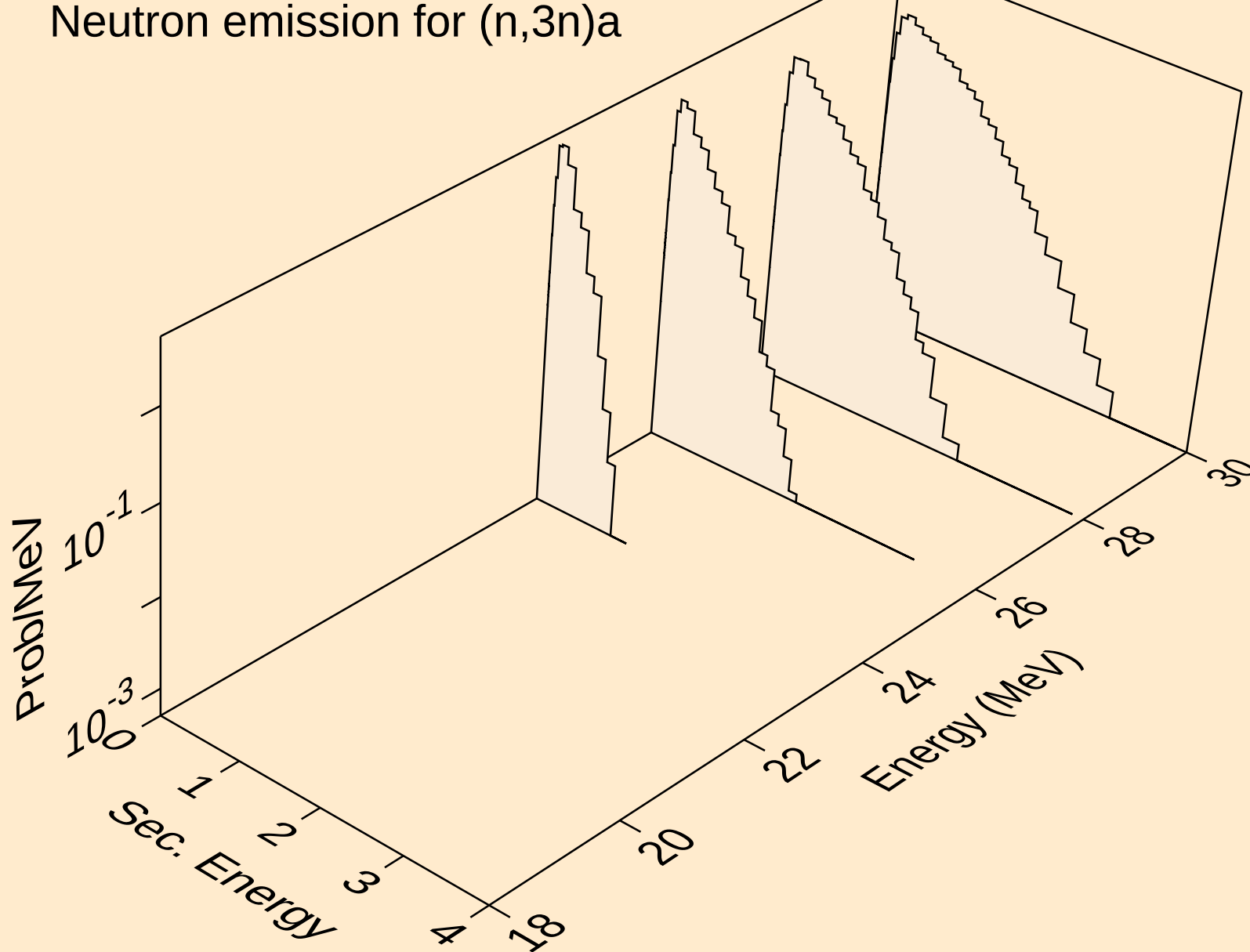
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



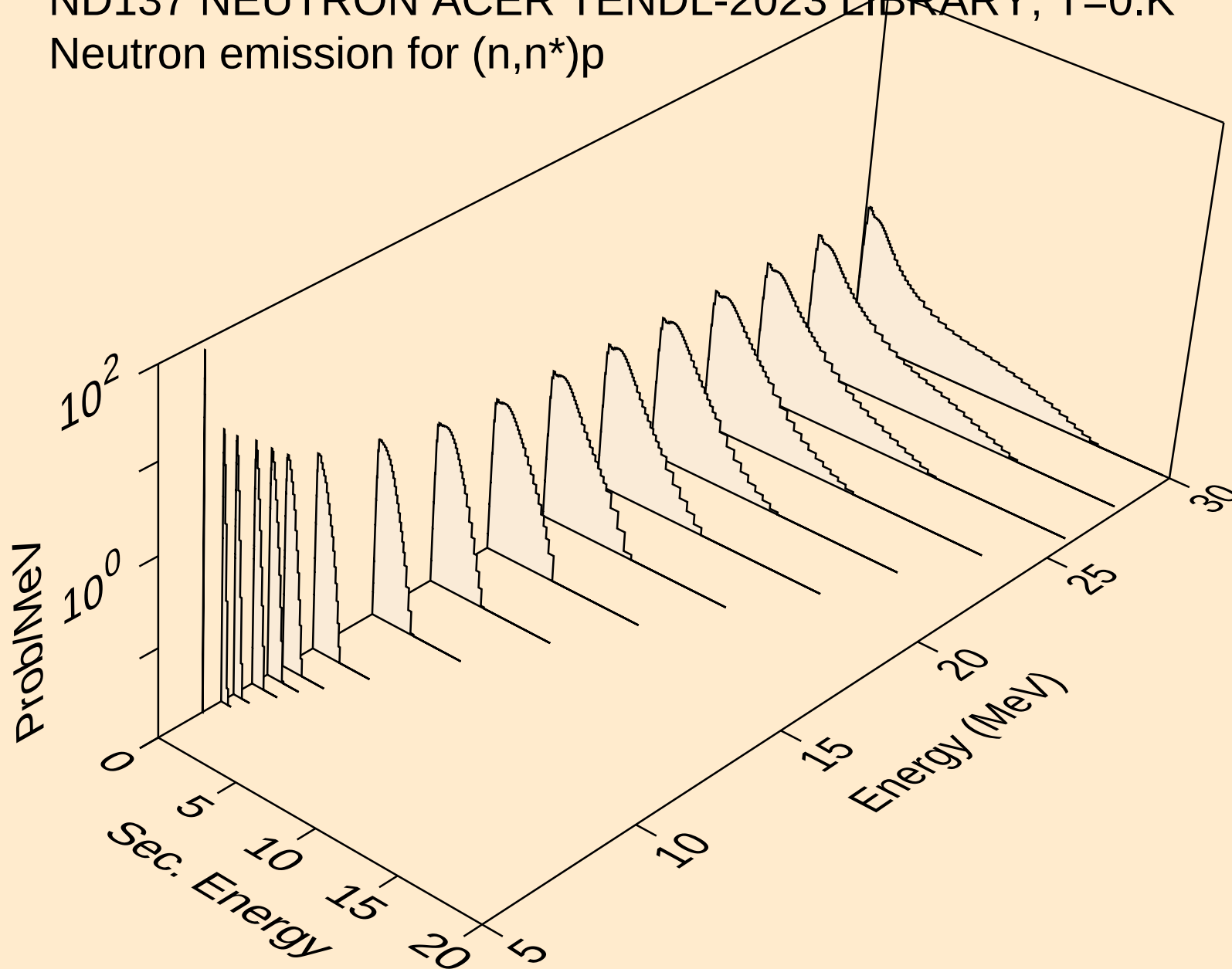
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Neutron emission for (n,2n)_a



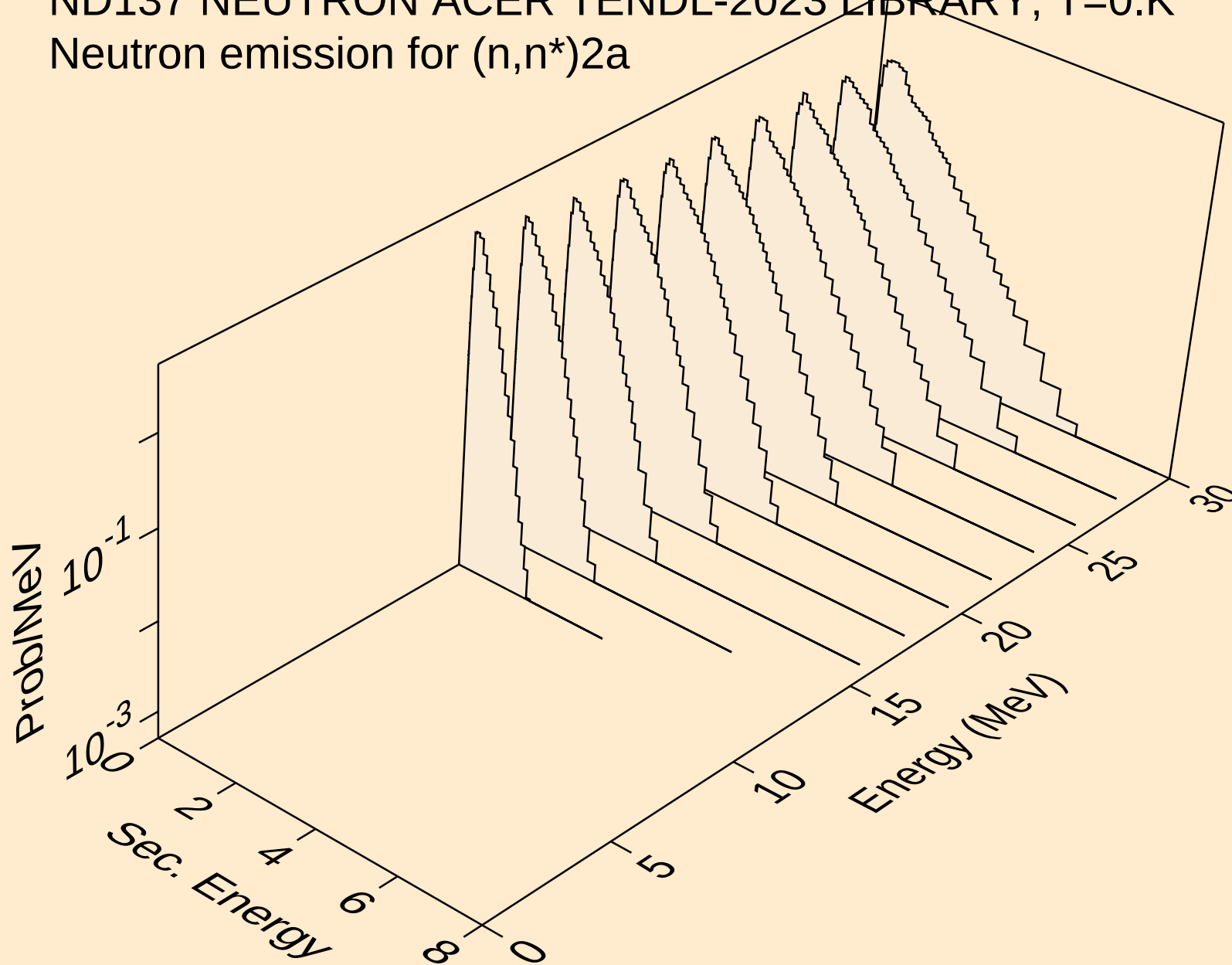
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



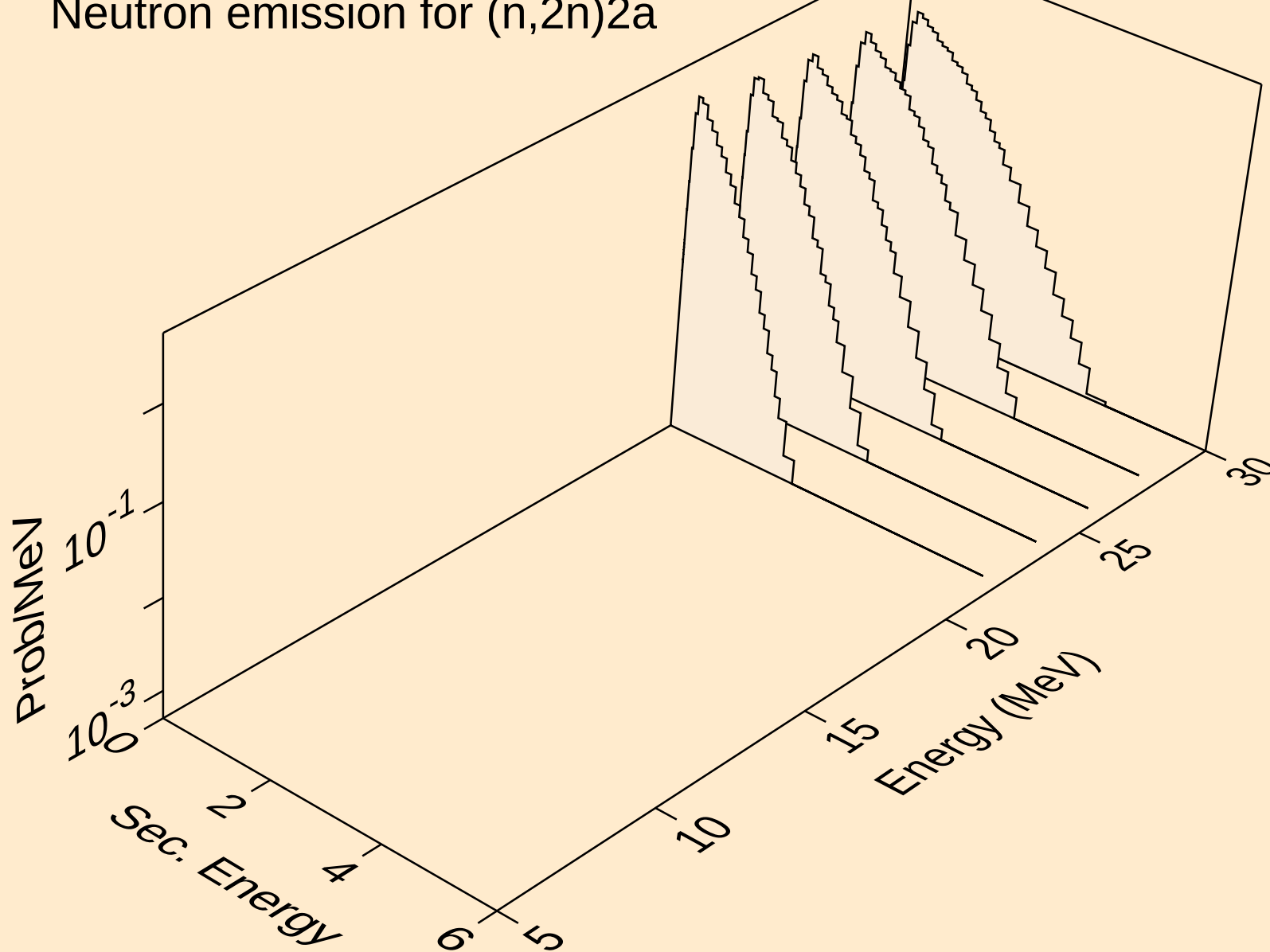
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



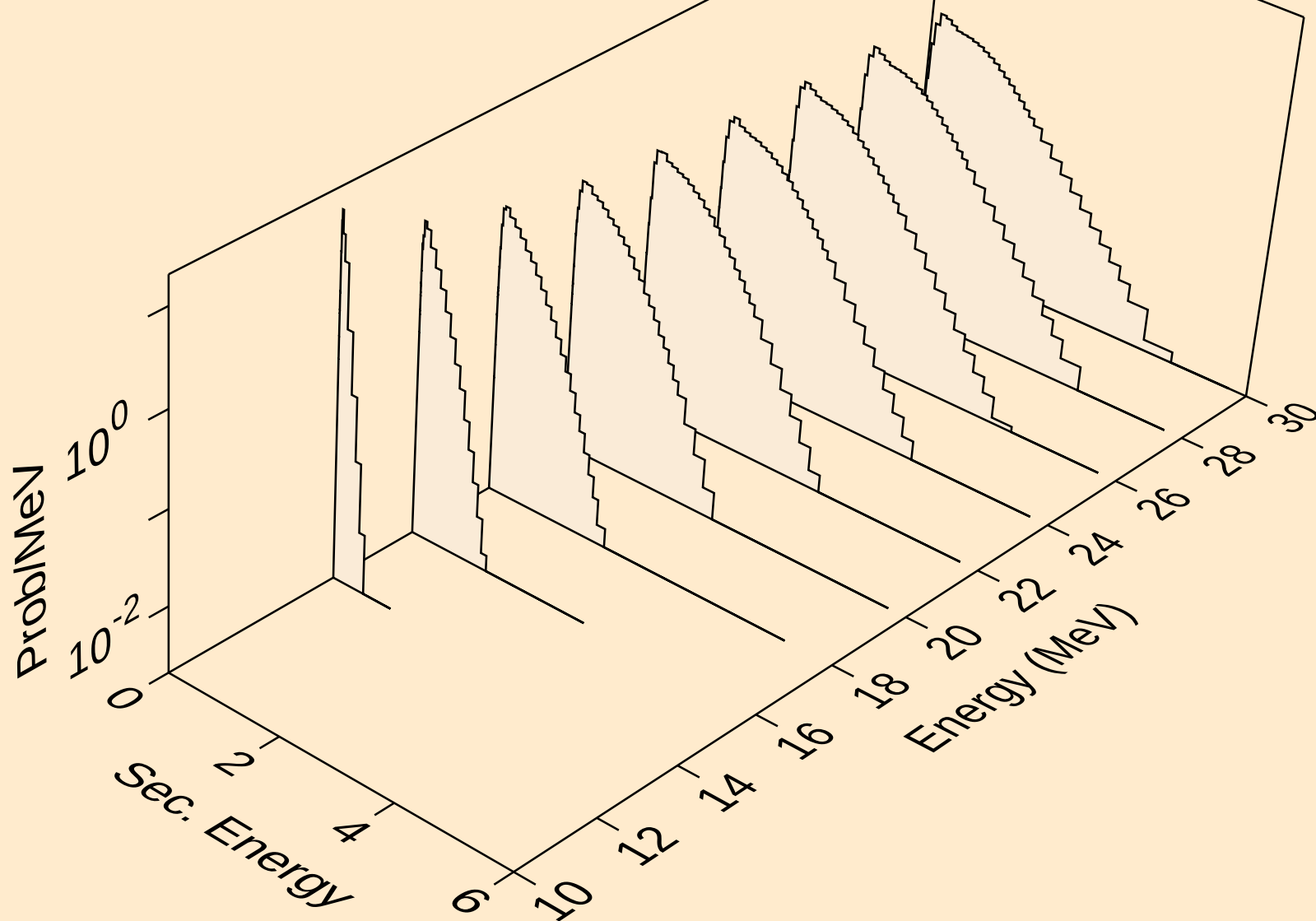
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



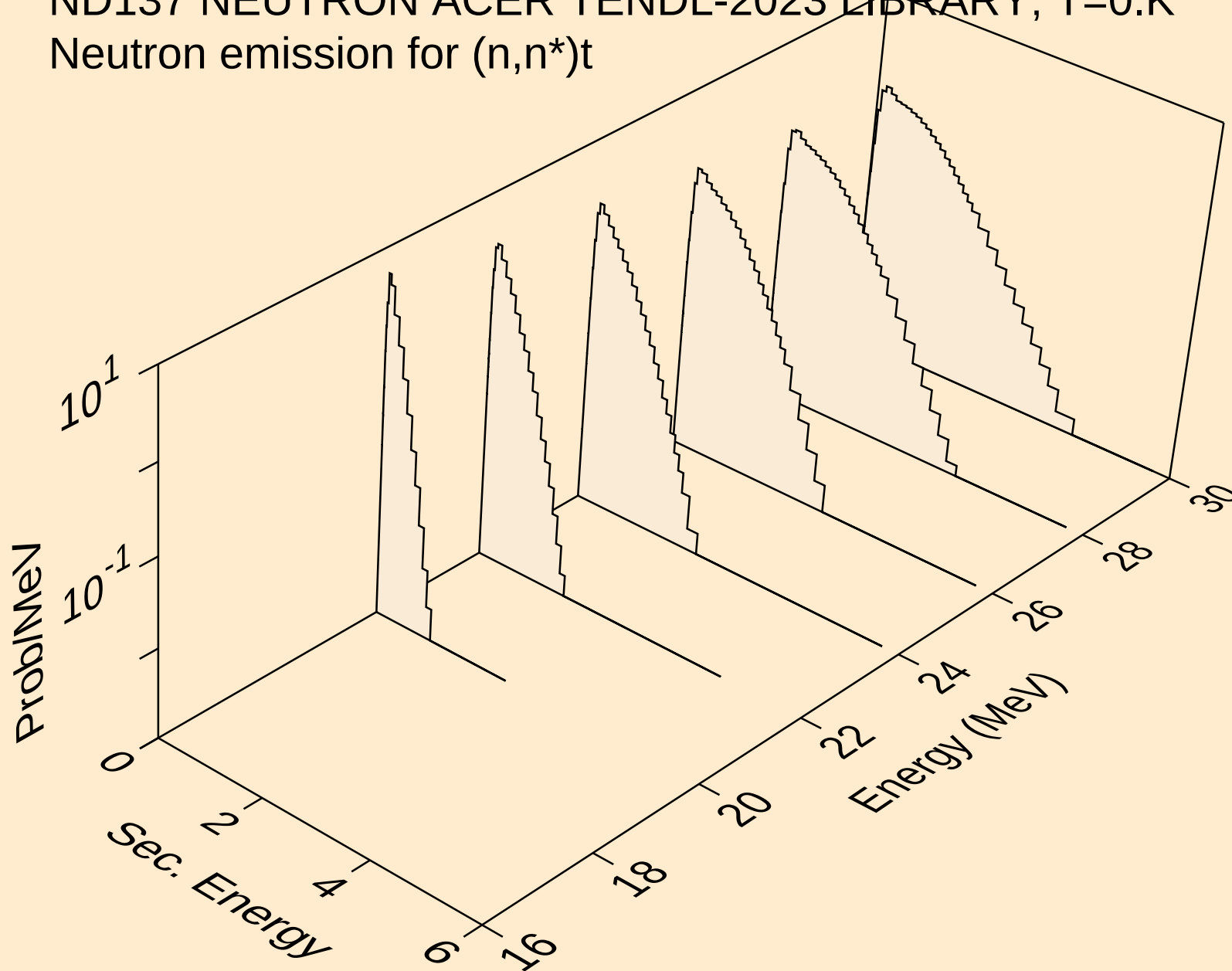
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)2a



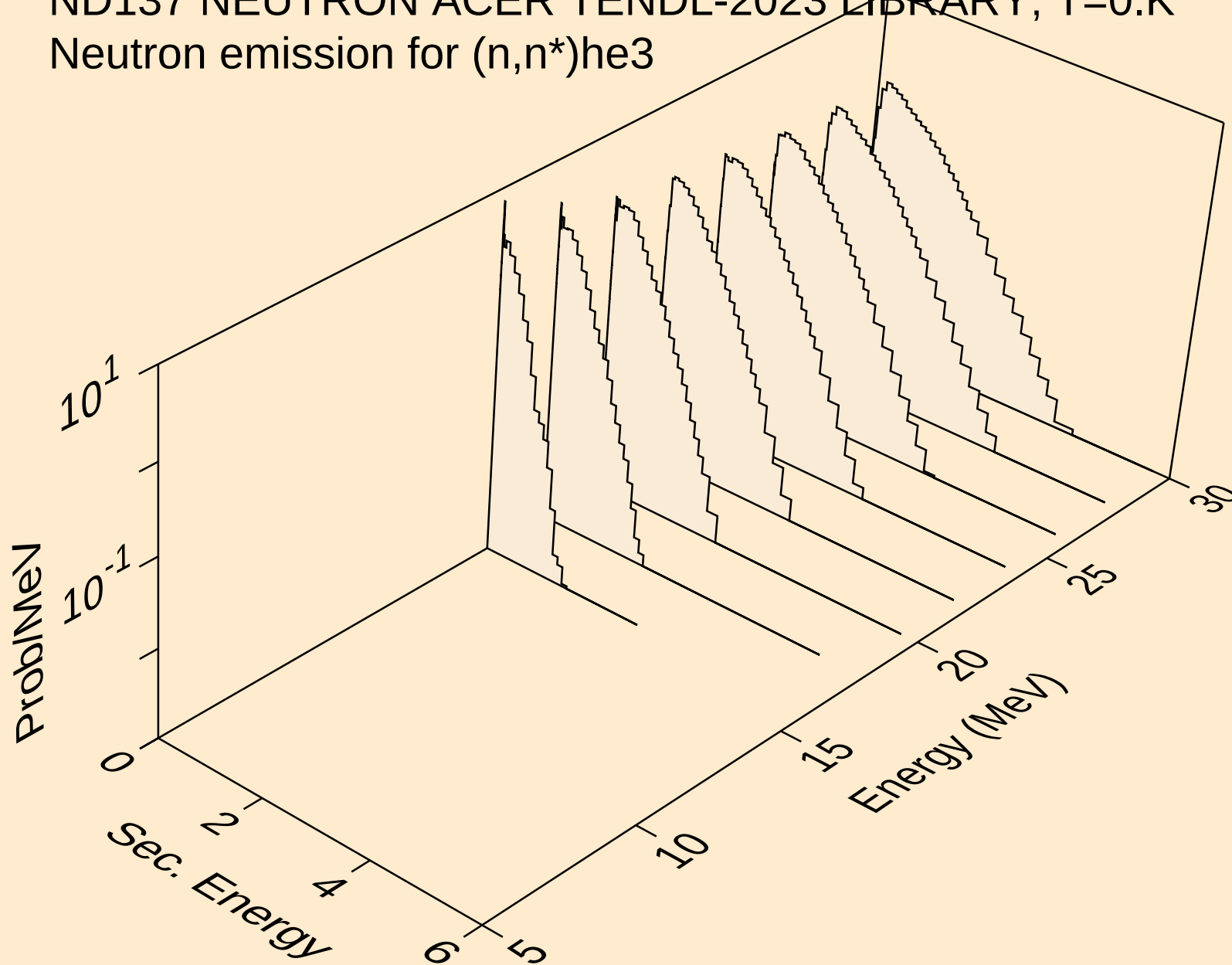
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



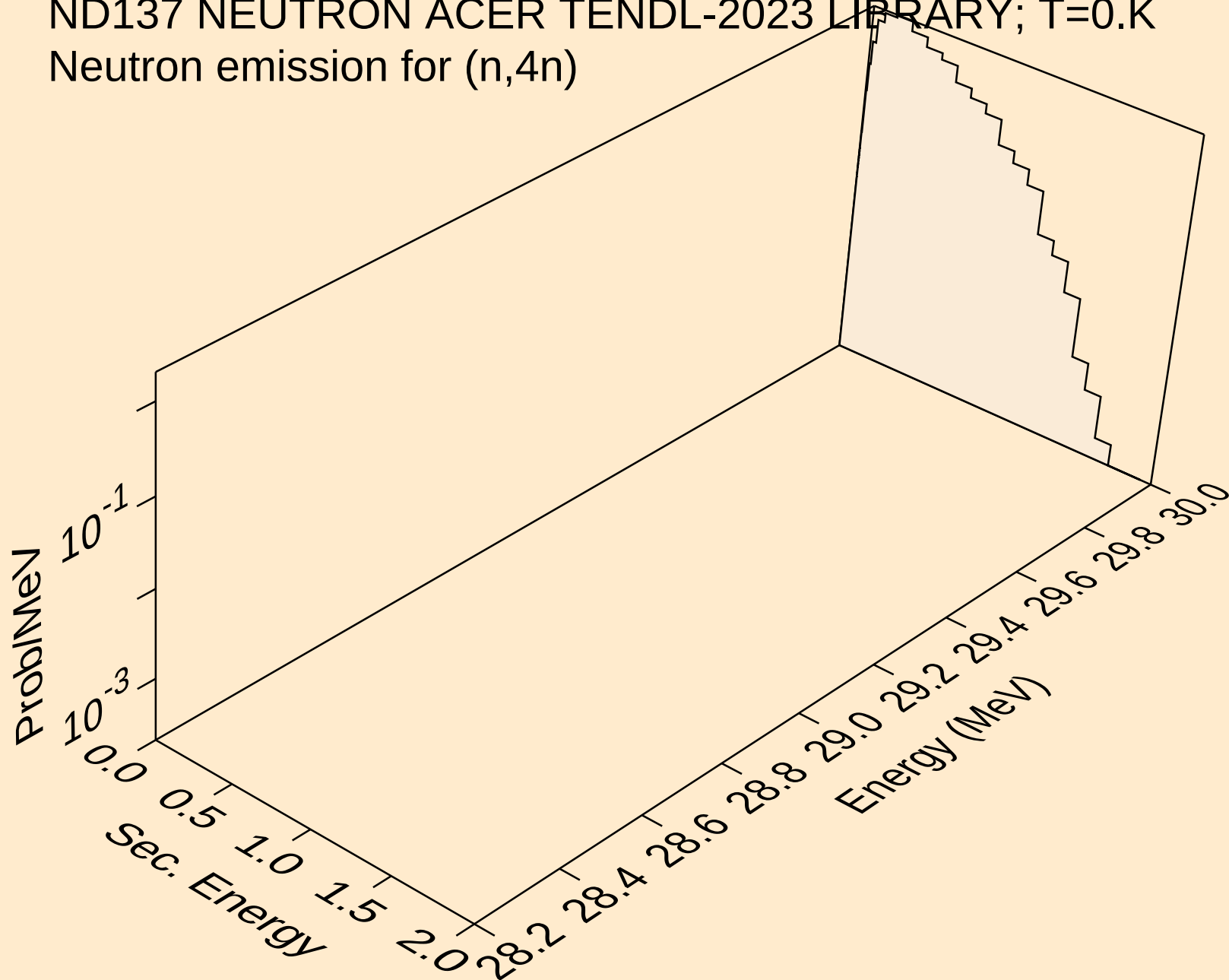
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



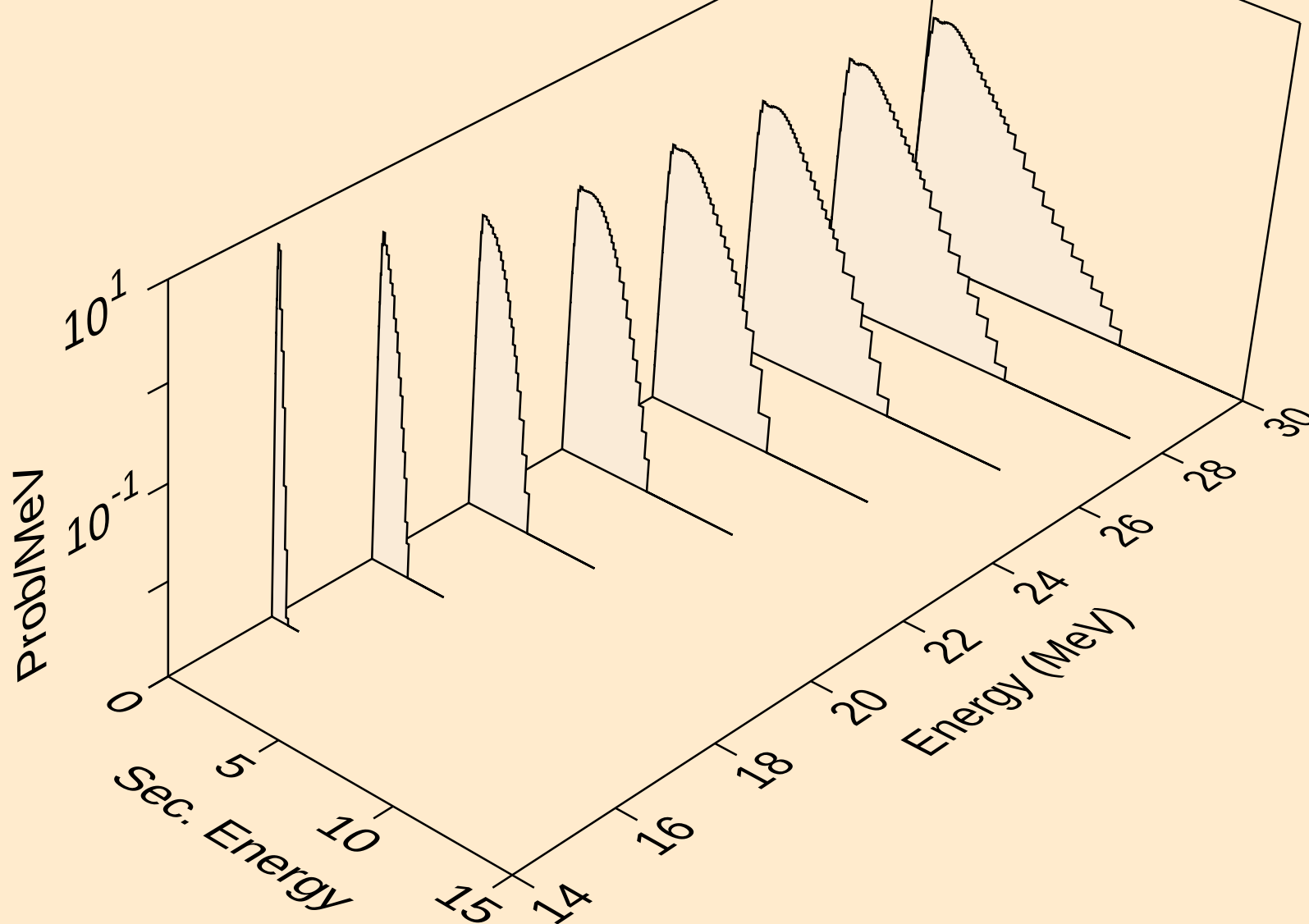
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



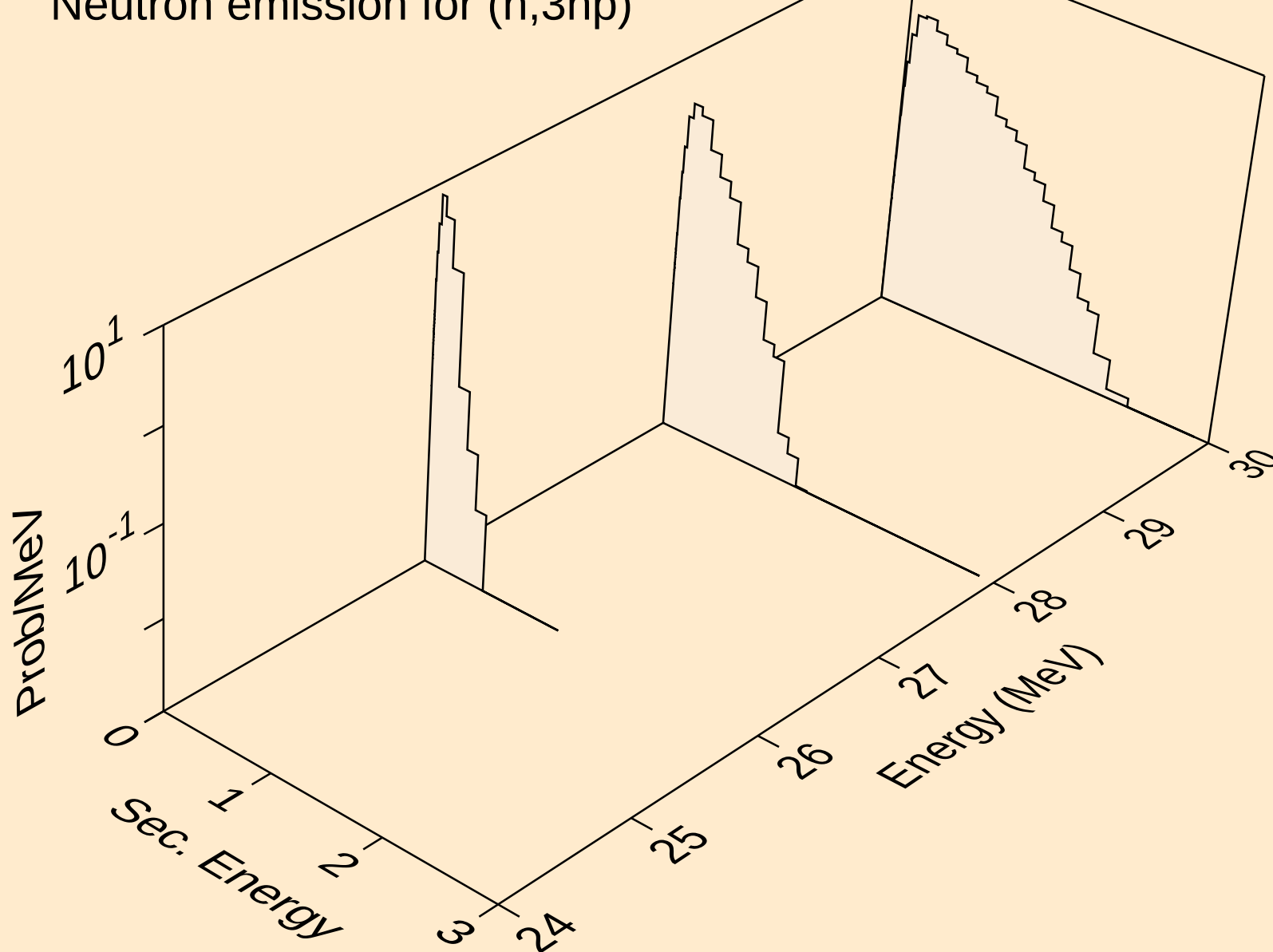
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



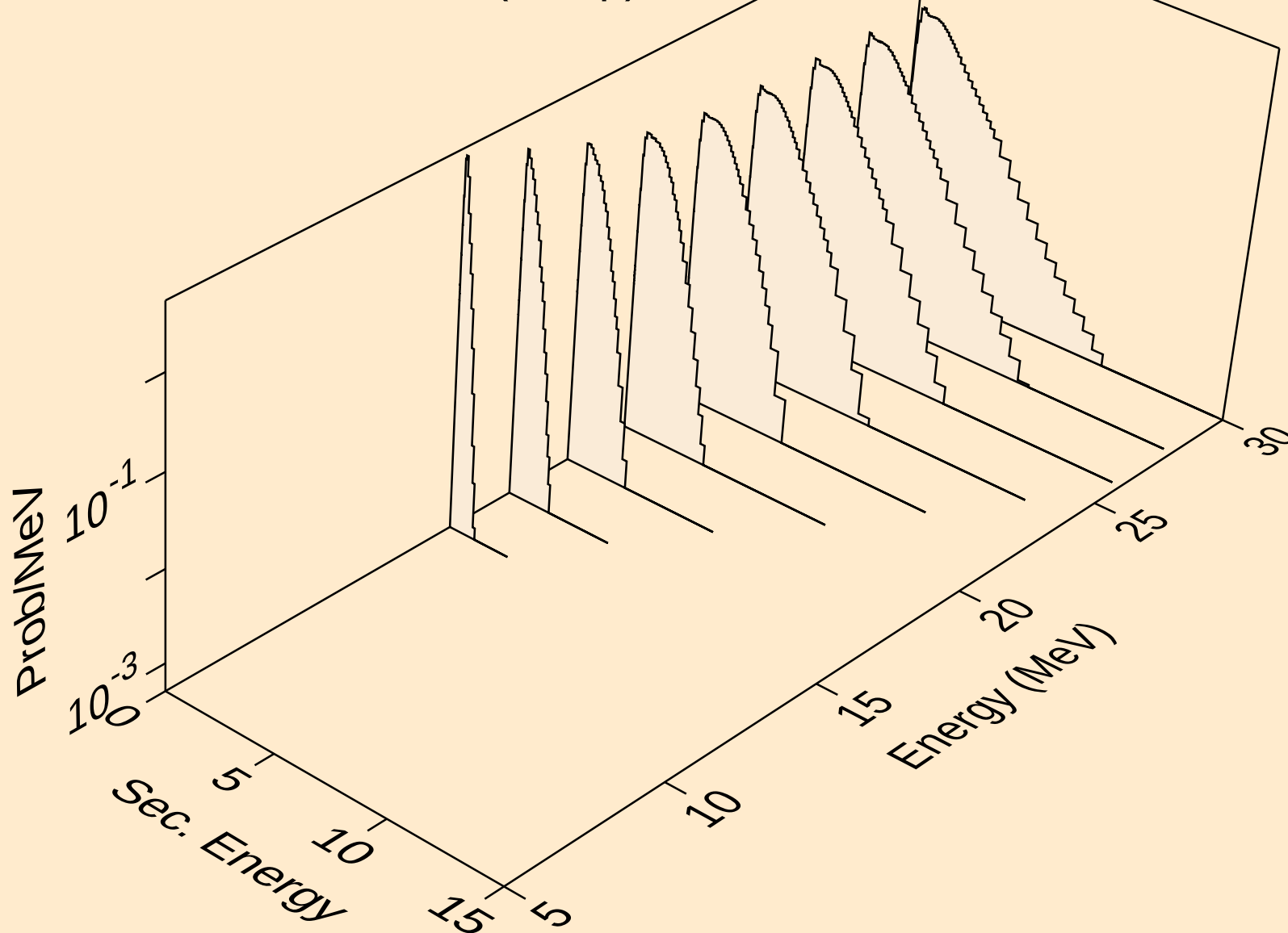
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



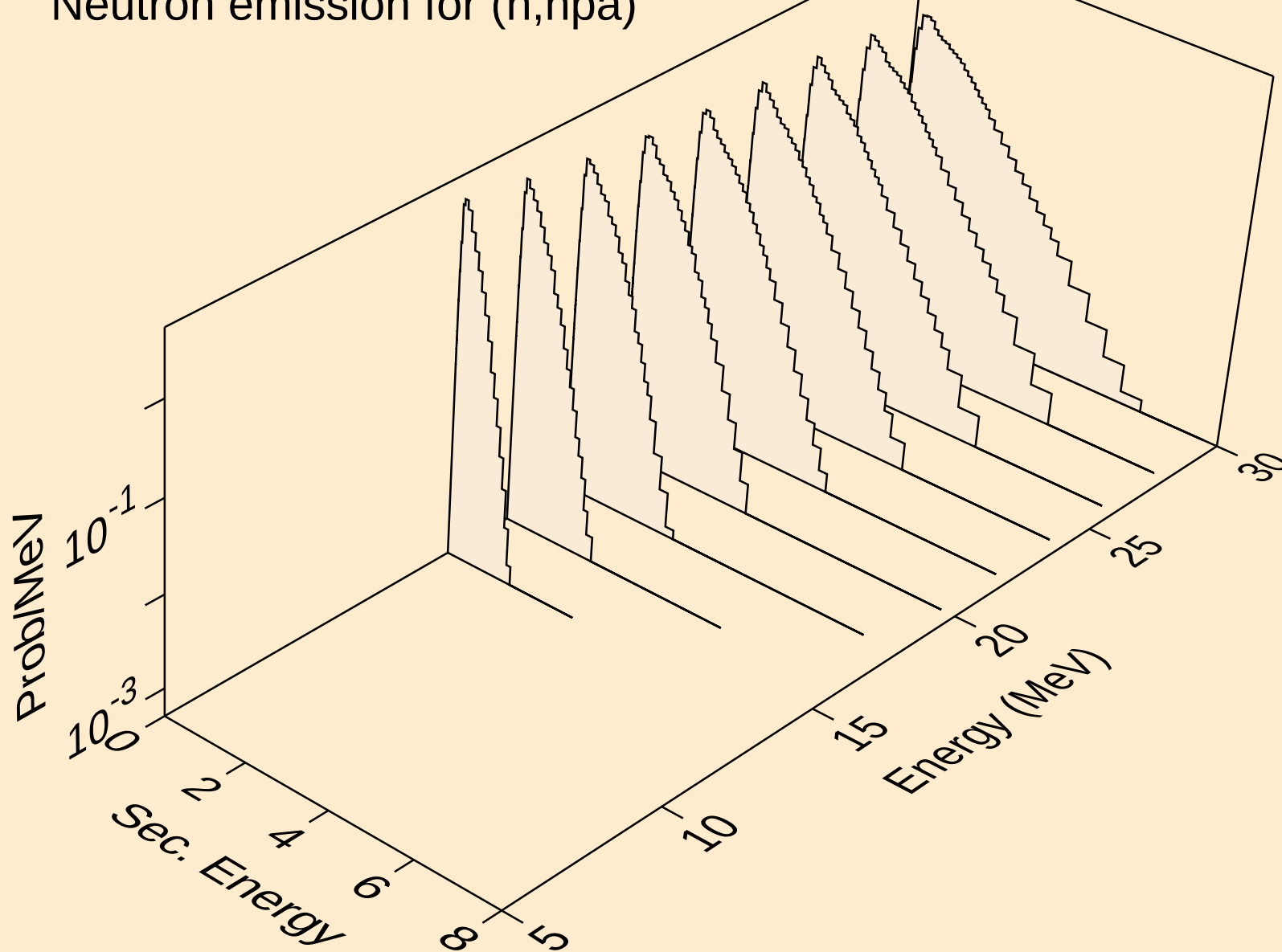
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Neutron emission for (n,3np)



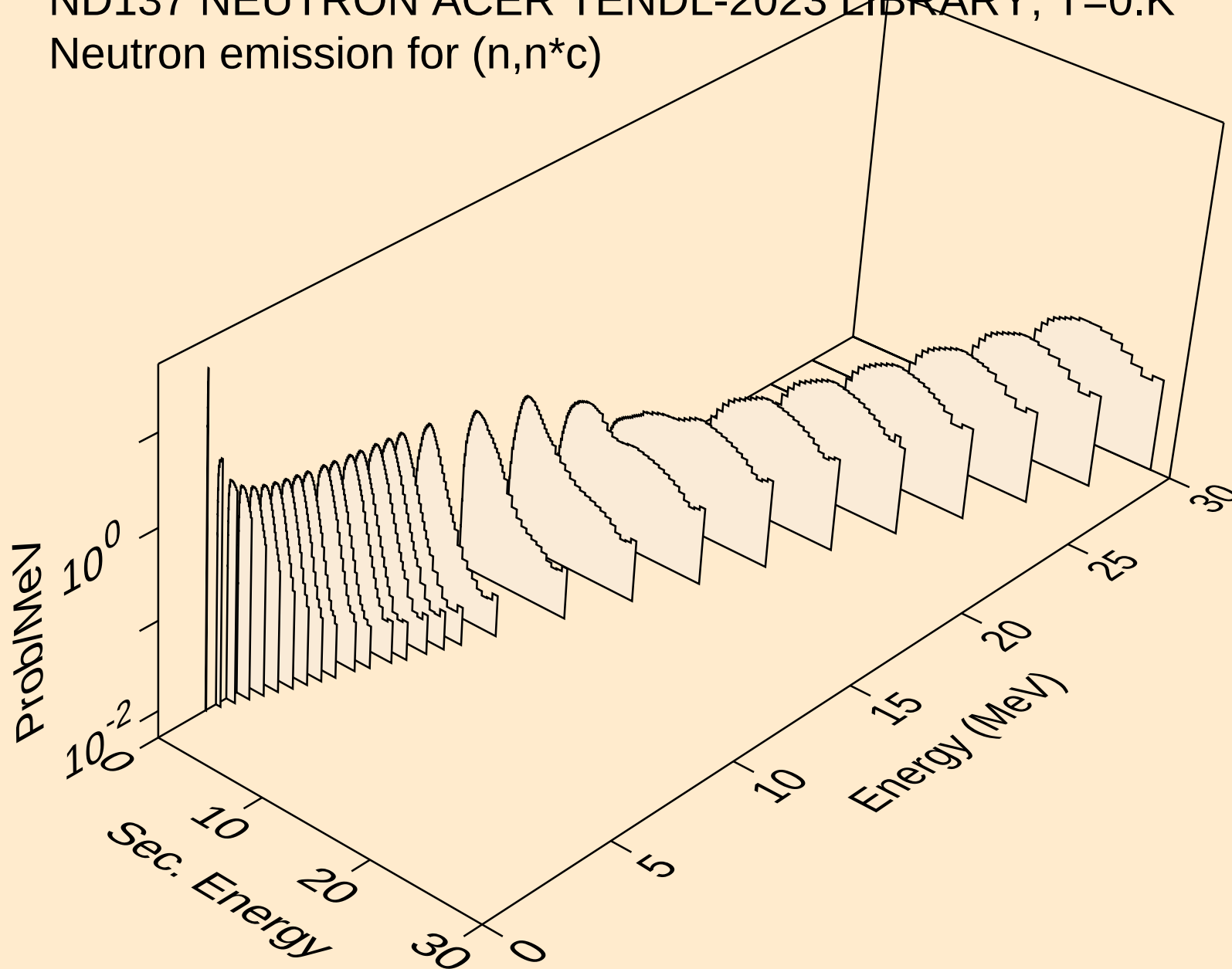
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Neutron emission for (n,n2p)



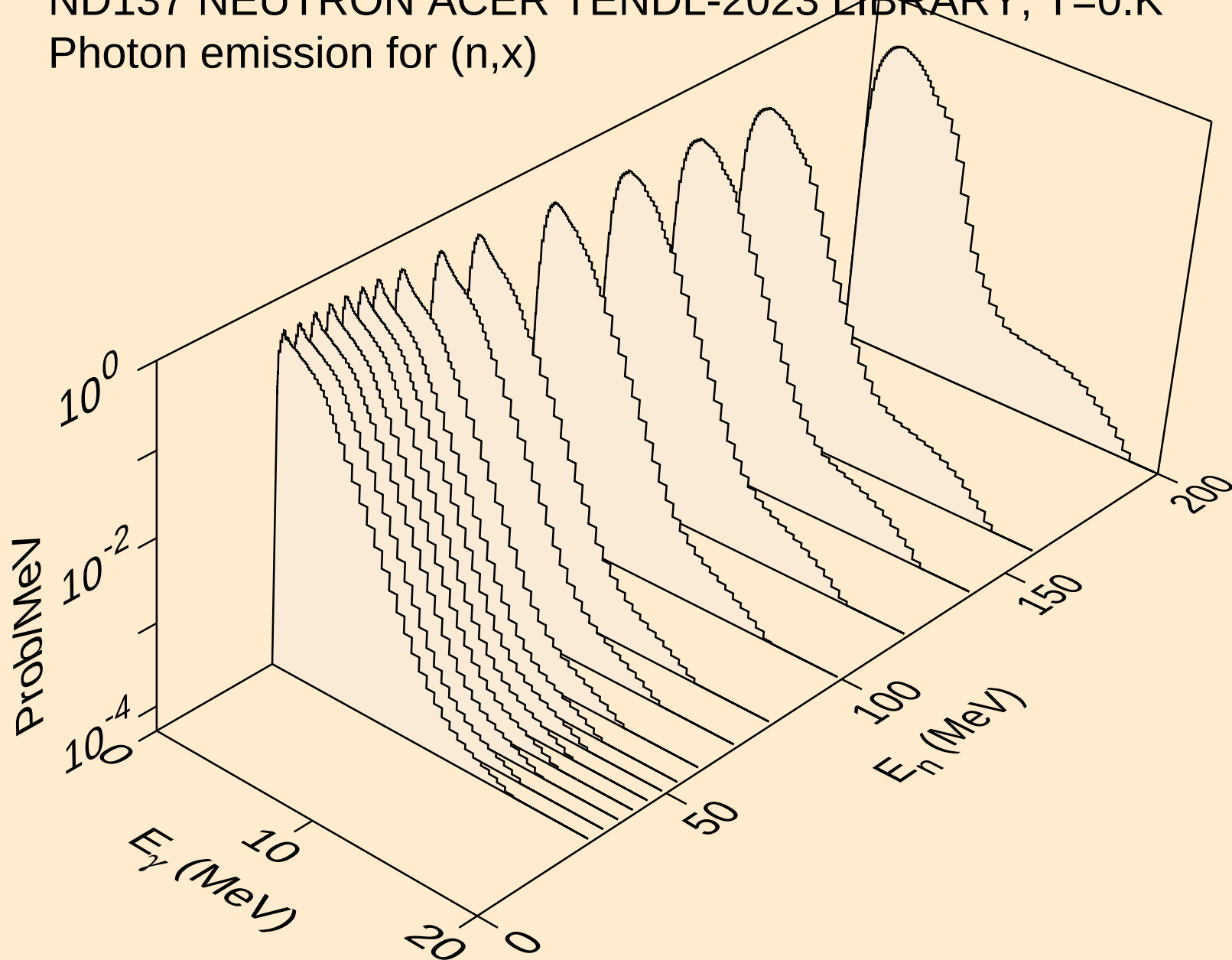
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Neutron emission for (n,npa)



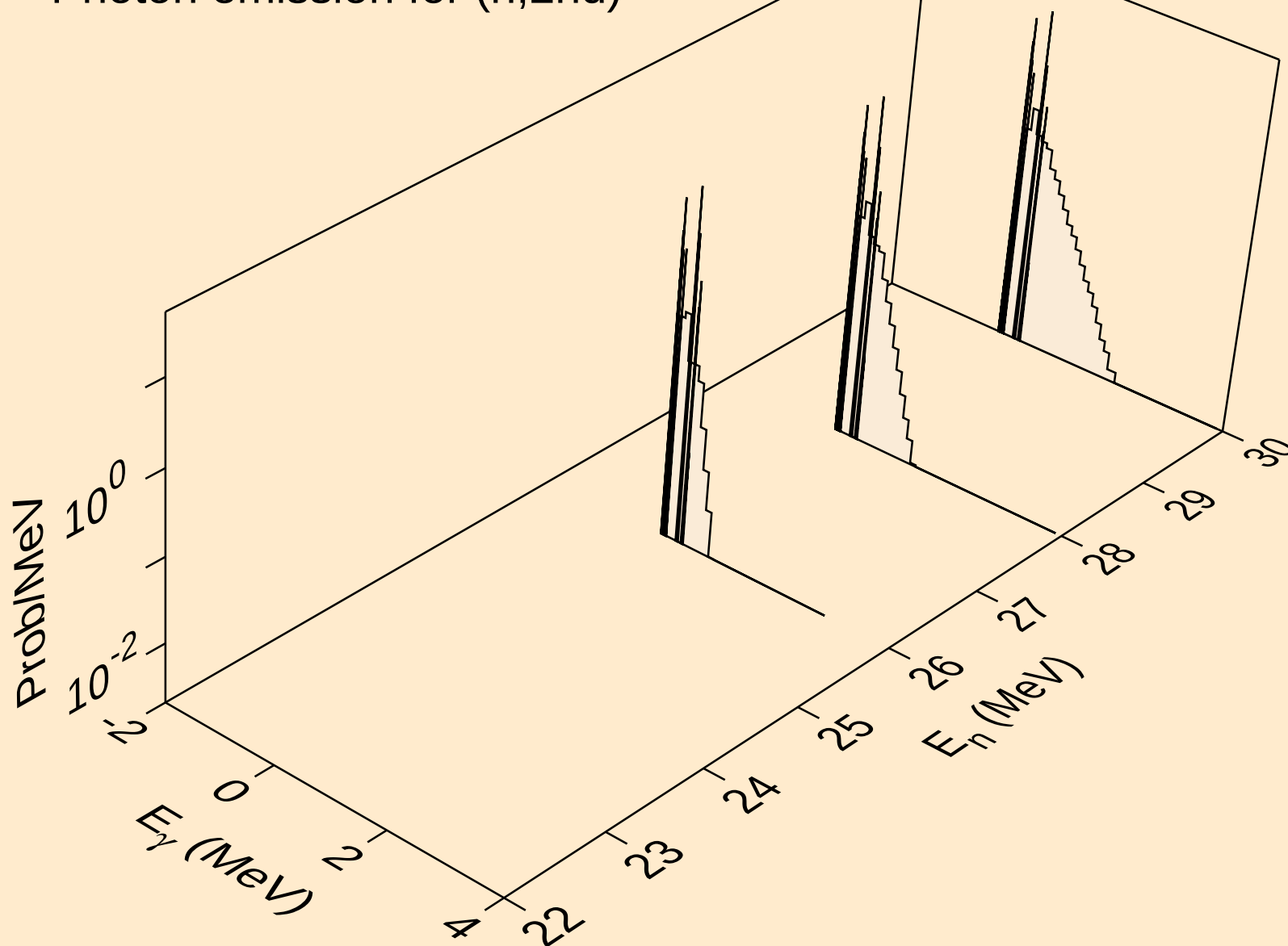
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Neutron emission for (n,n*c)



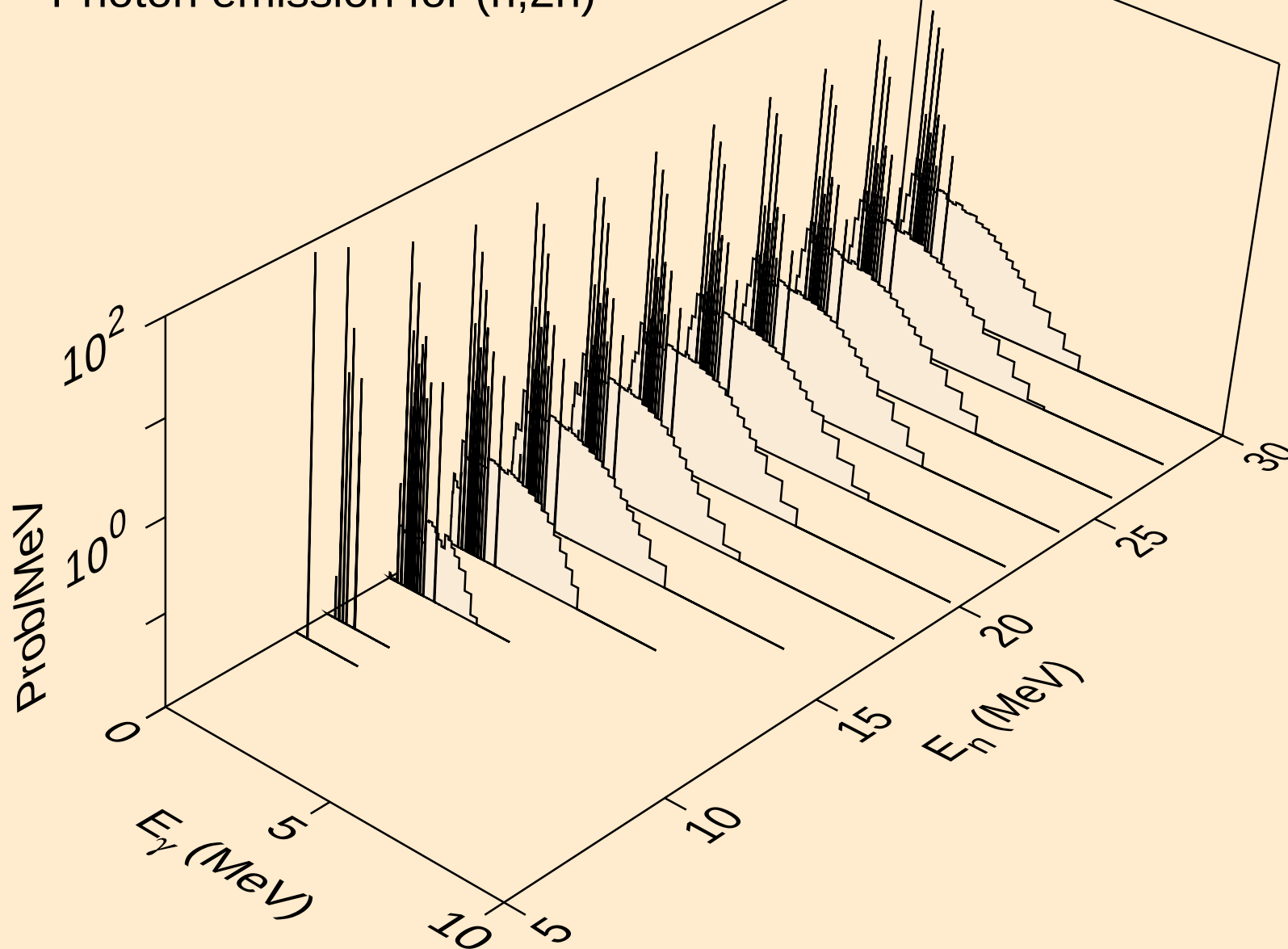
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



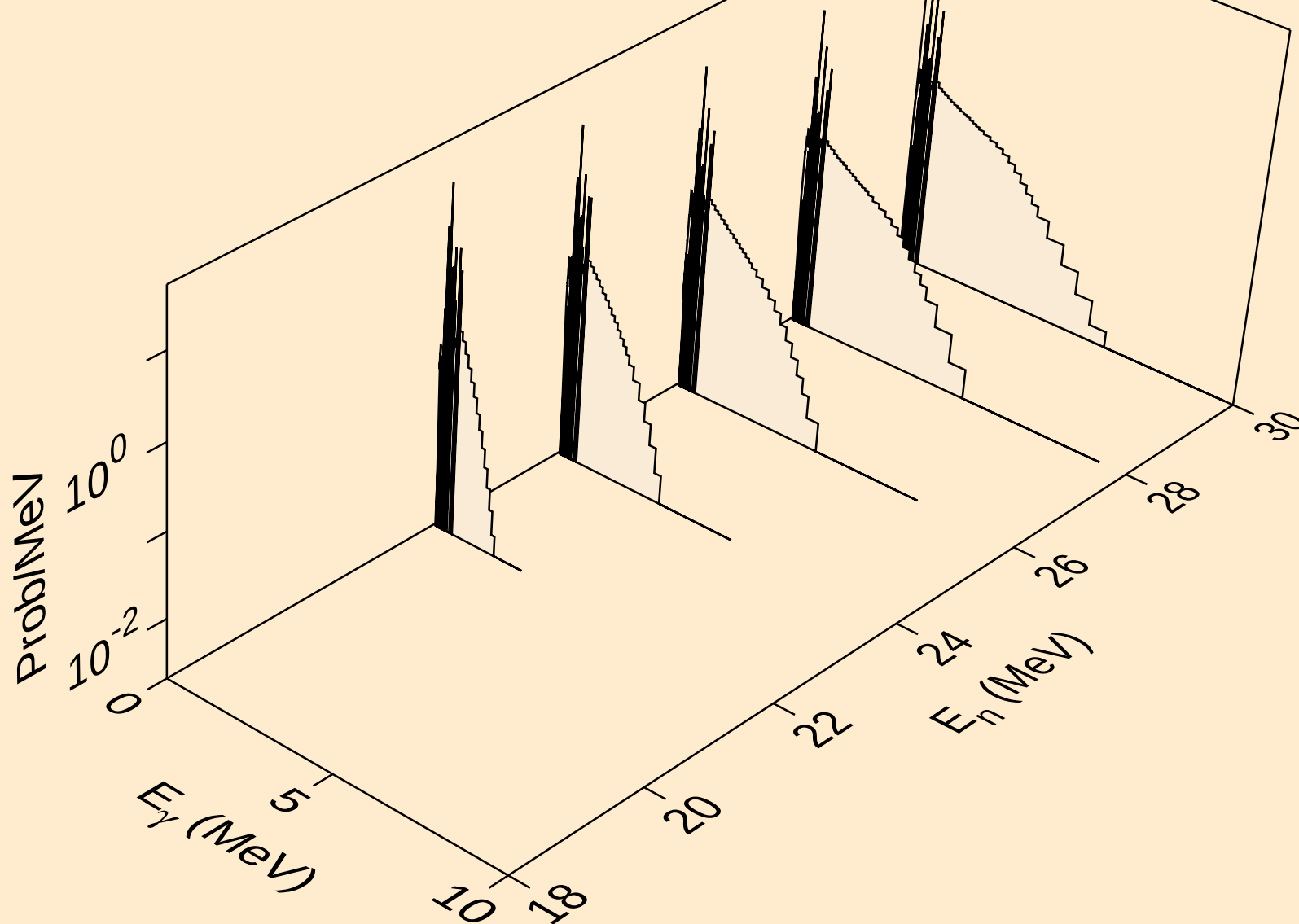
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)

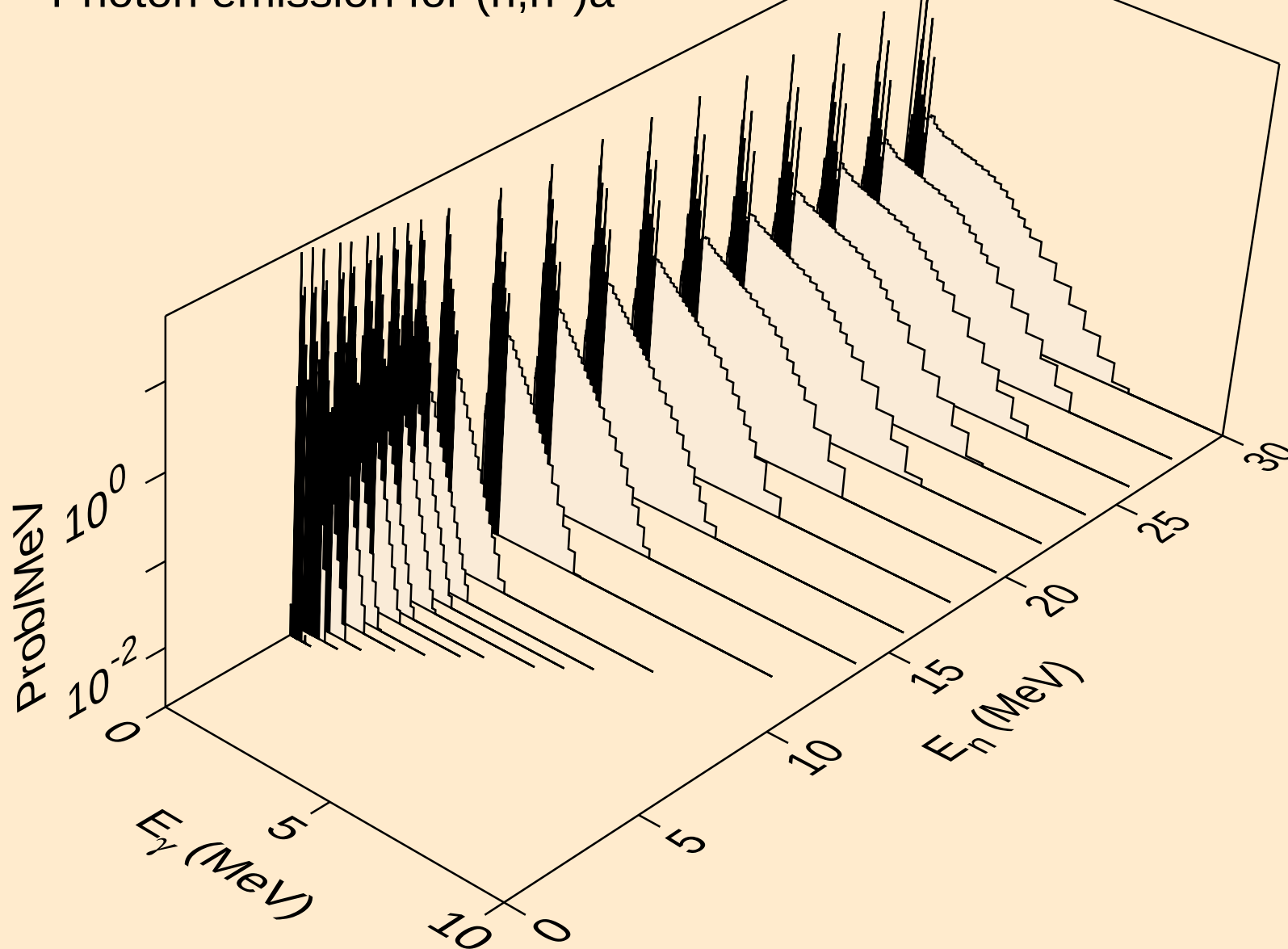


ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)

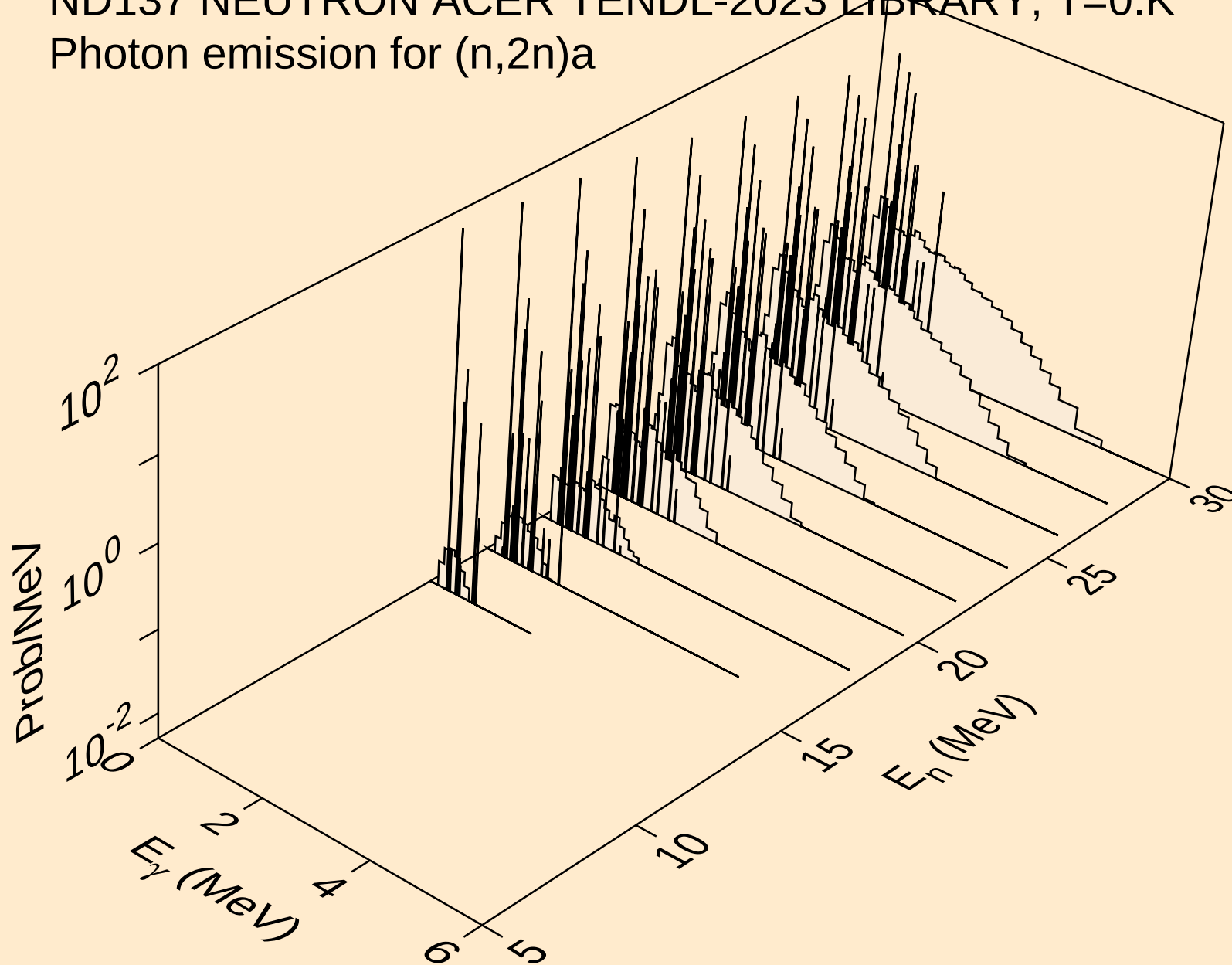


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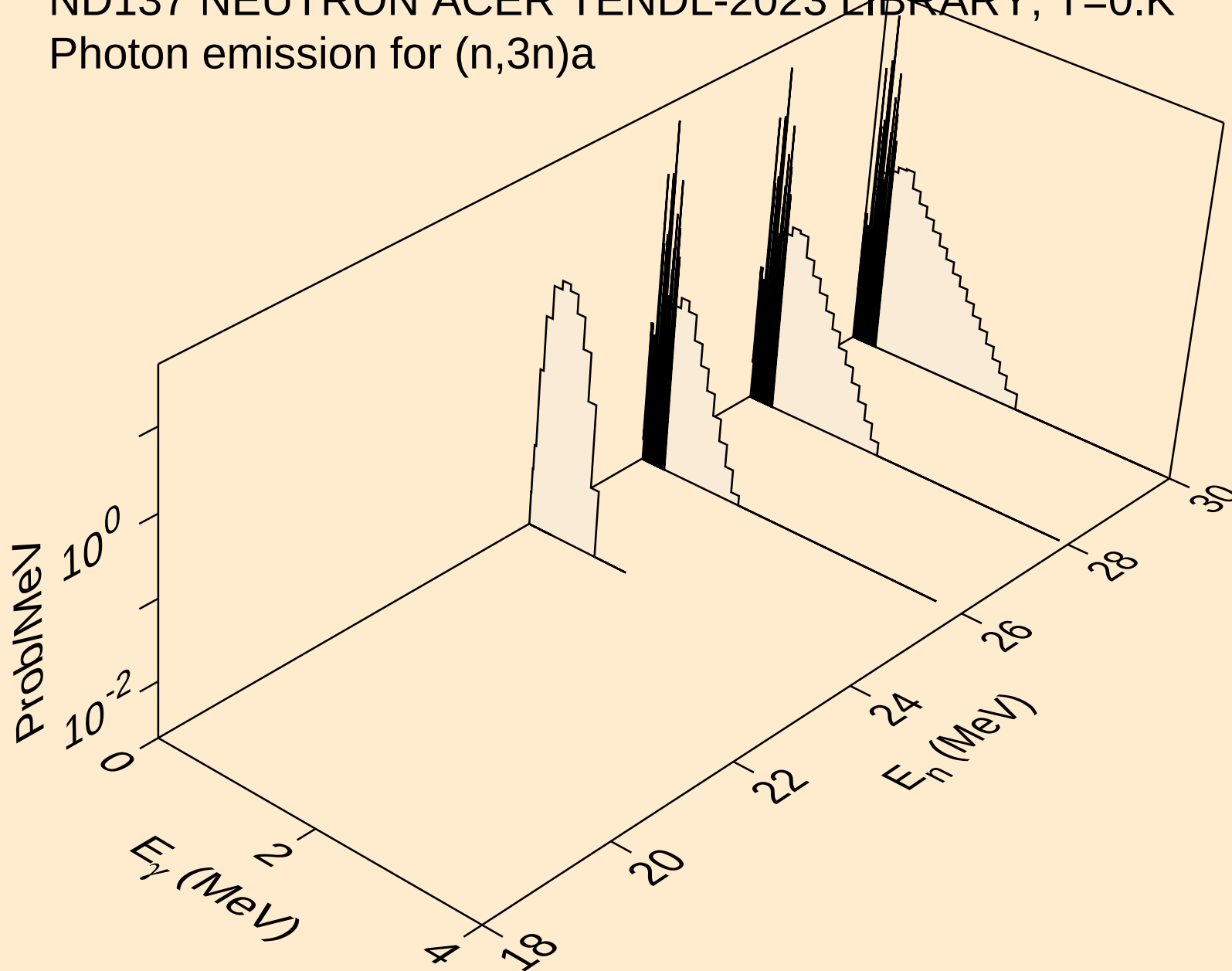
Photon emission for (n,n*)a



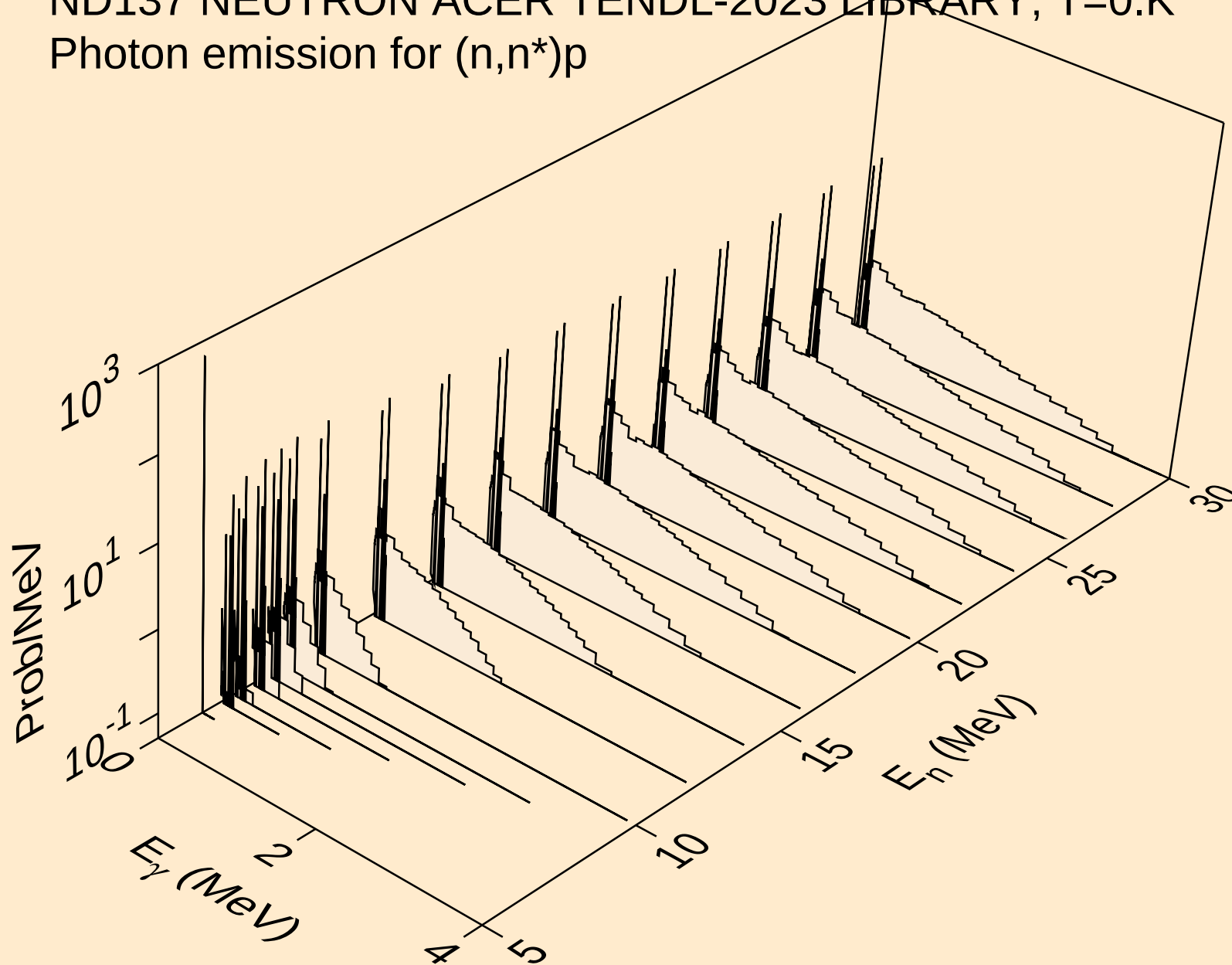
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n) α



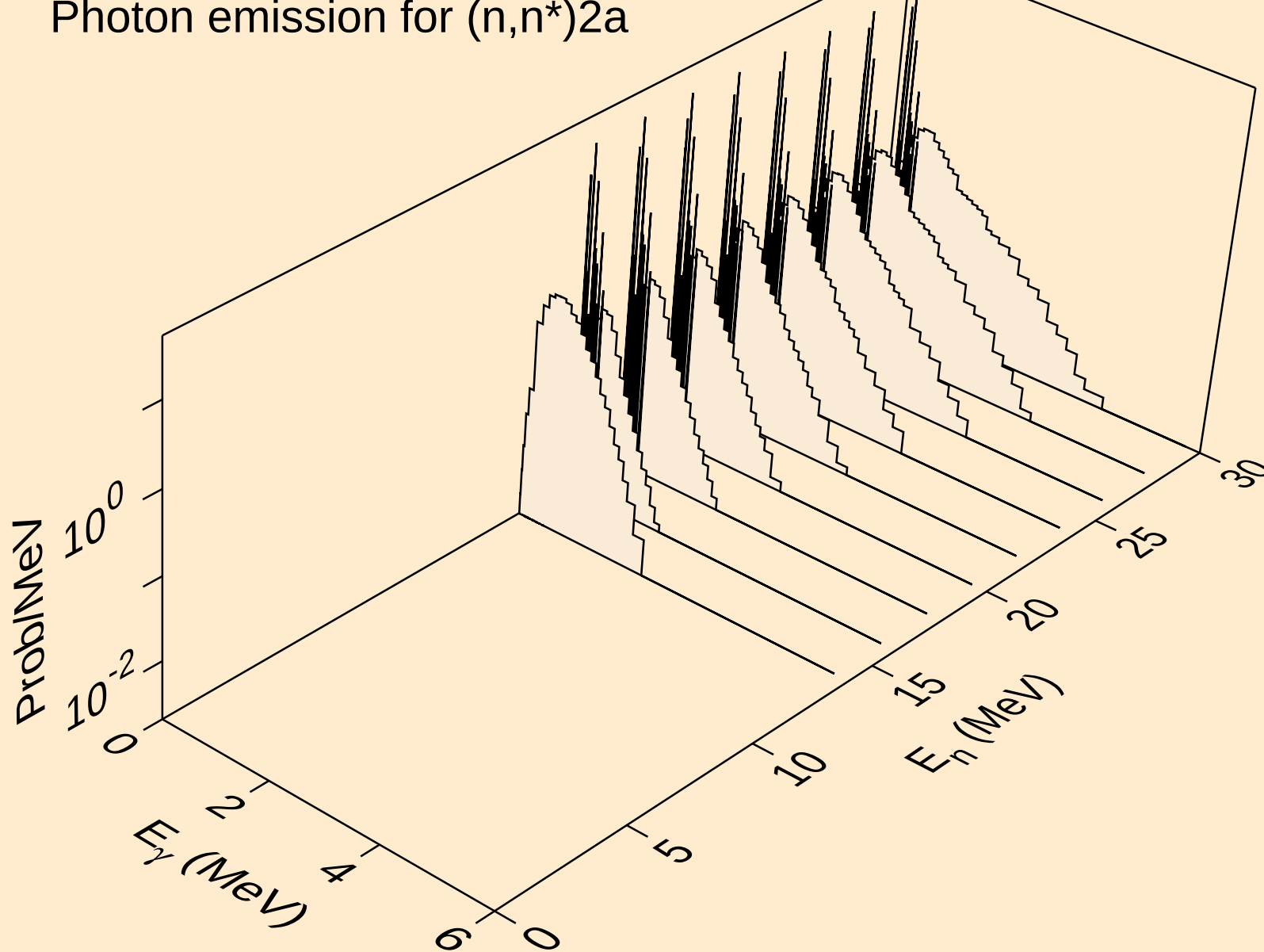
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



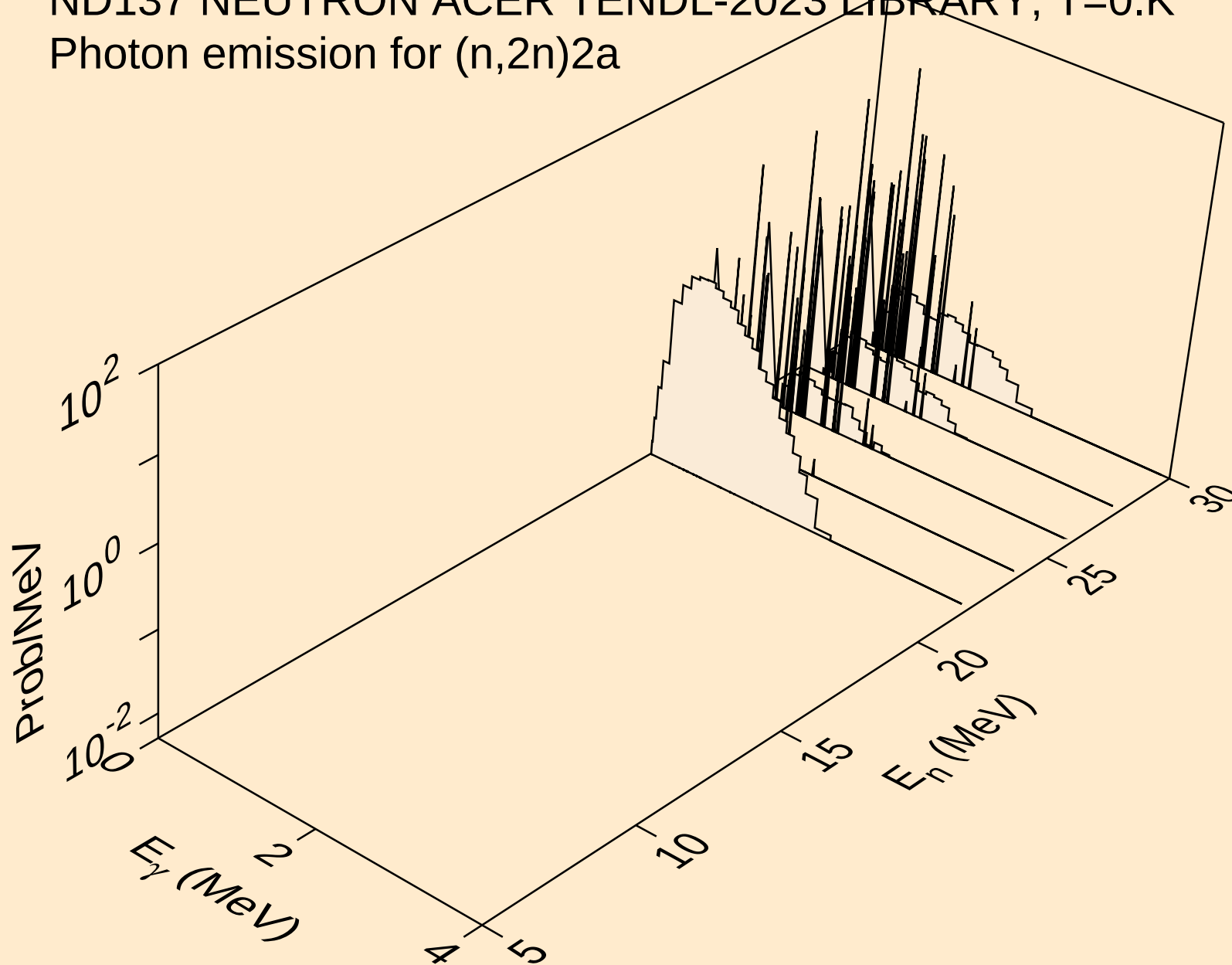
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



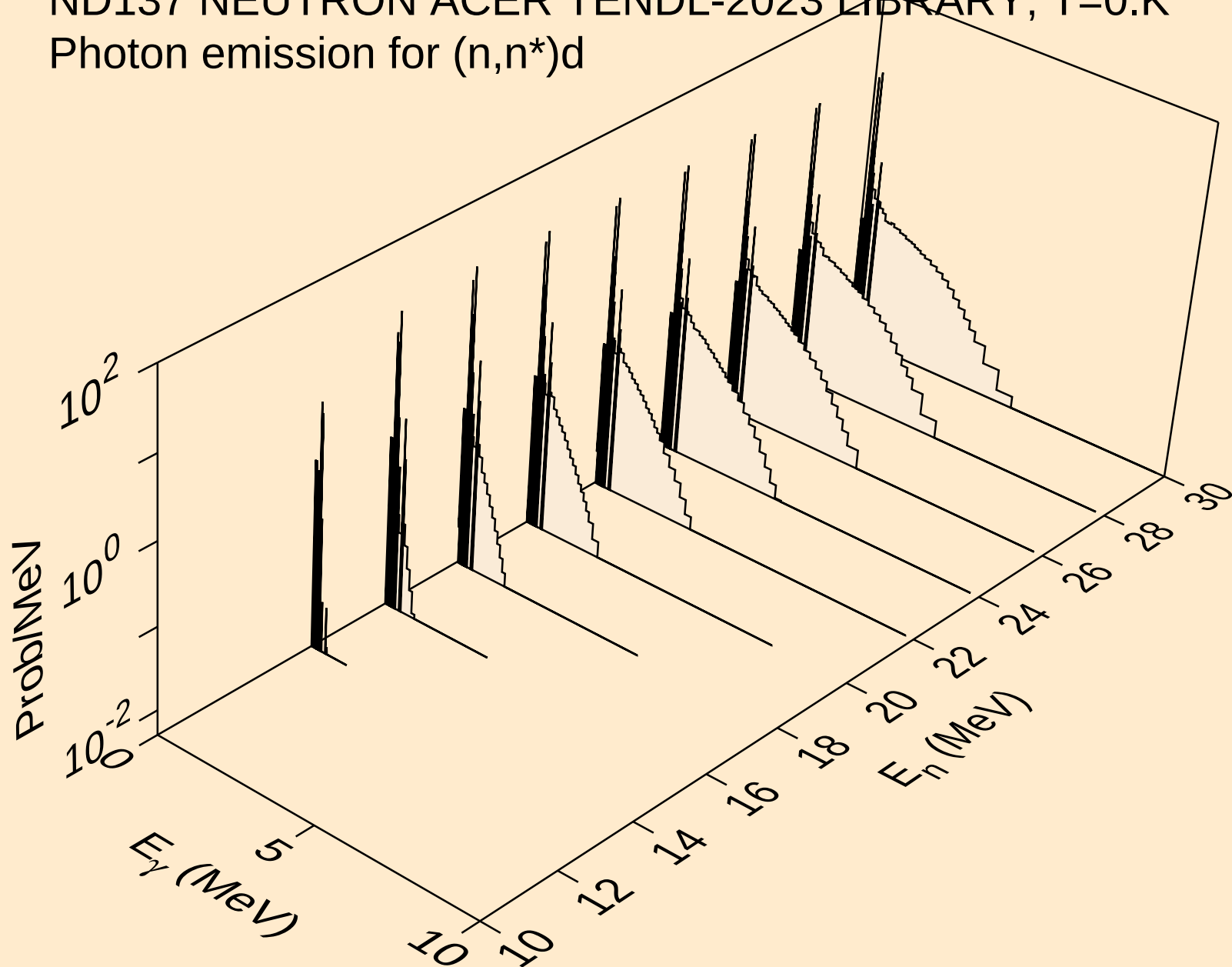
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)2a

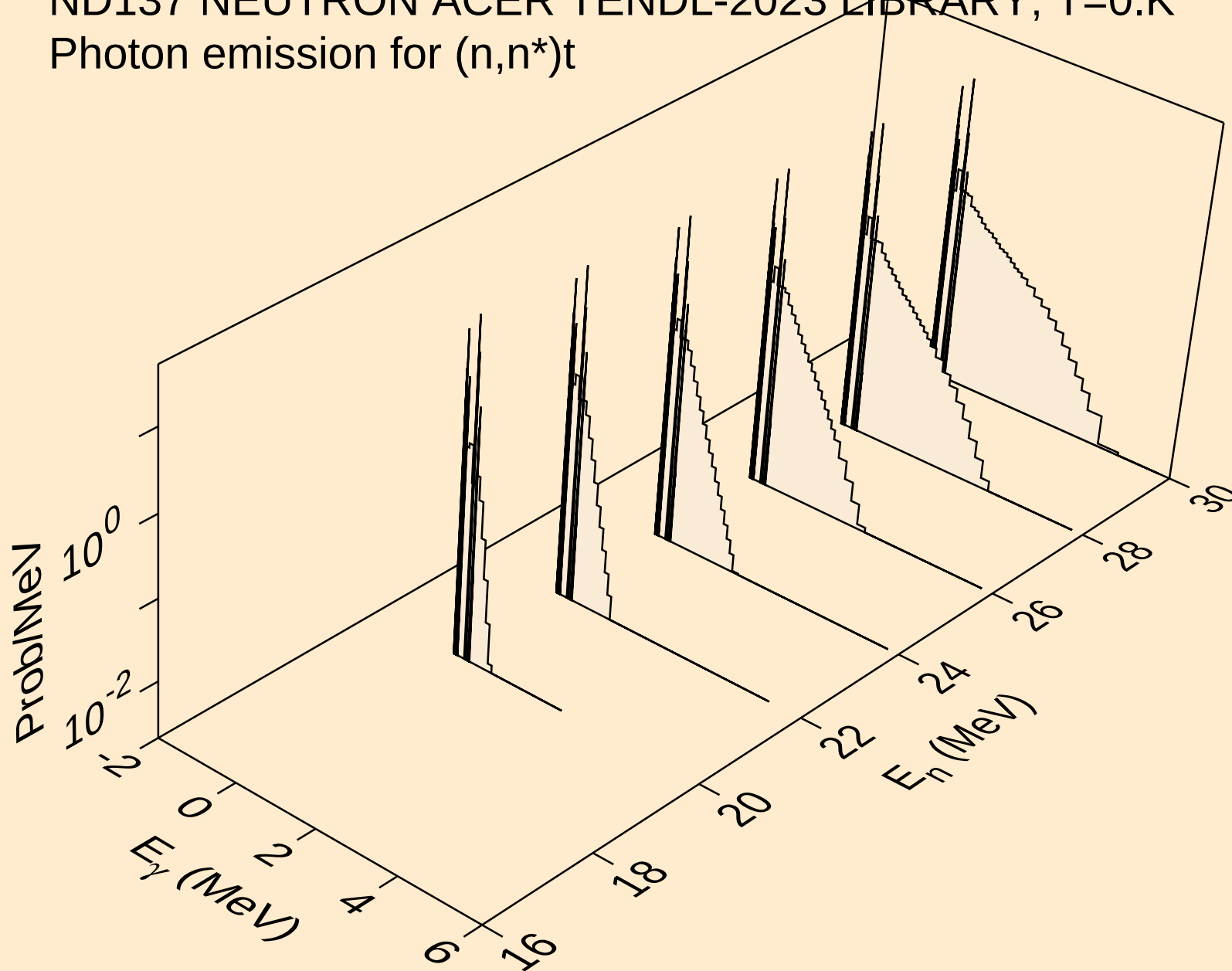


ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d

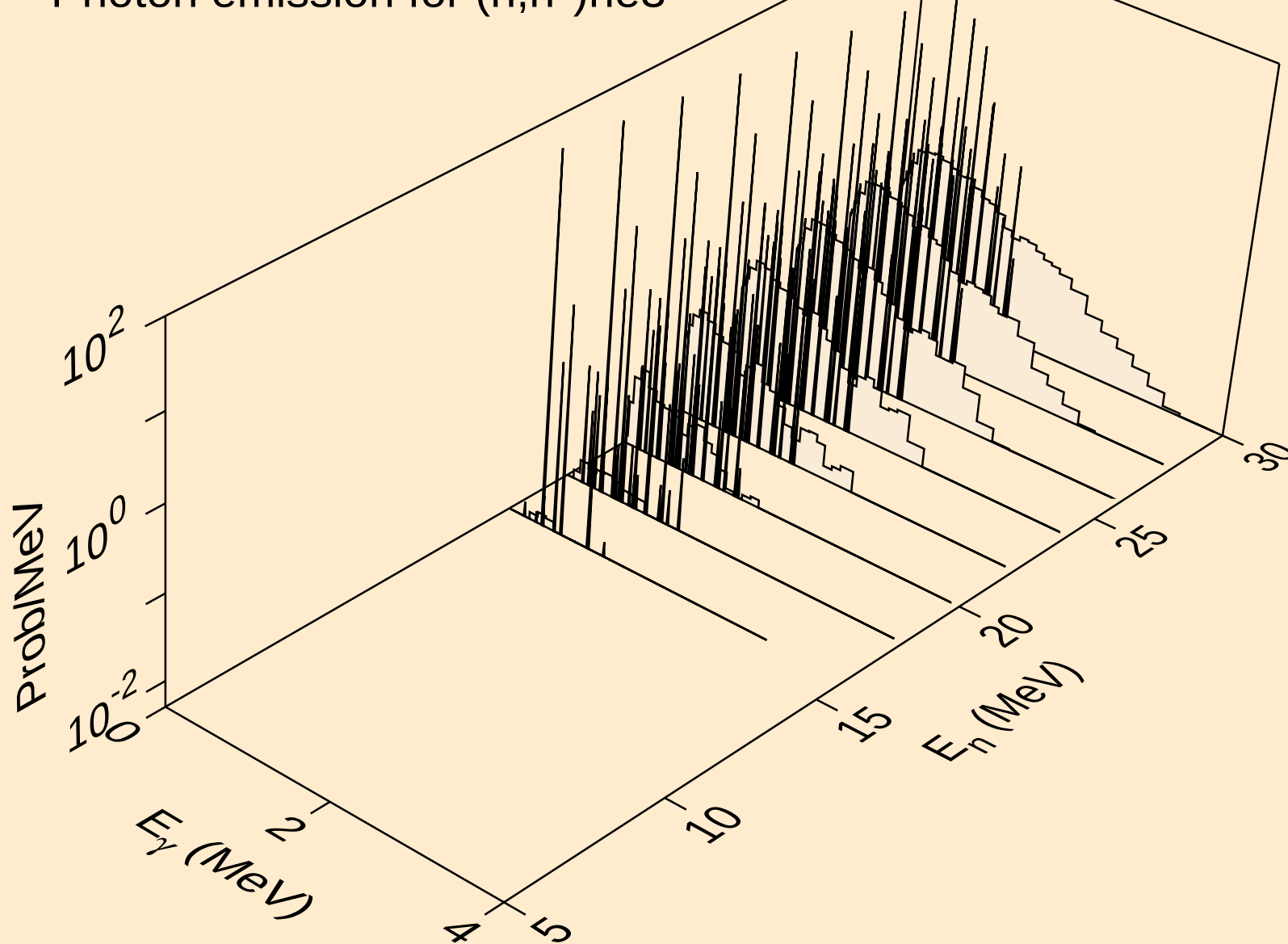


ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

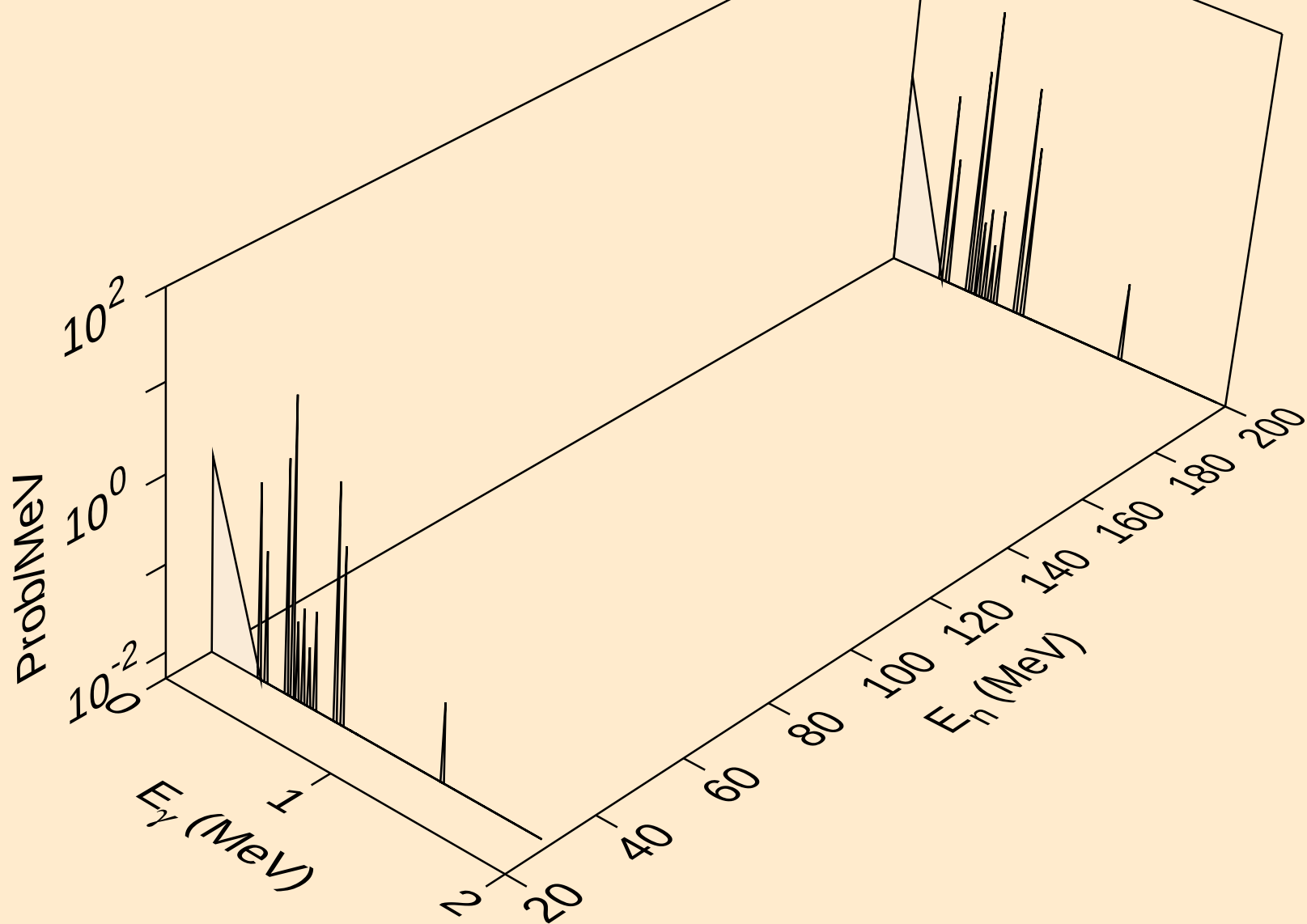
Photon emission for (n,n*)t



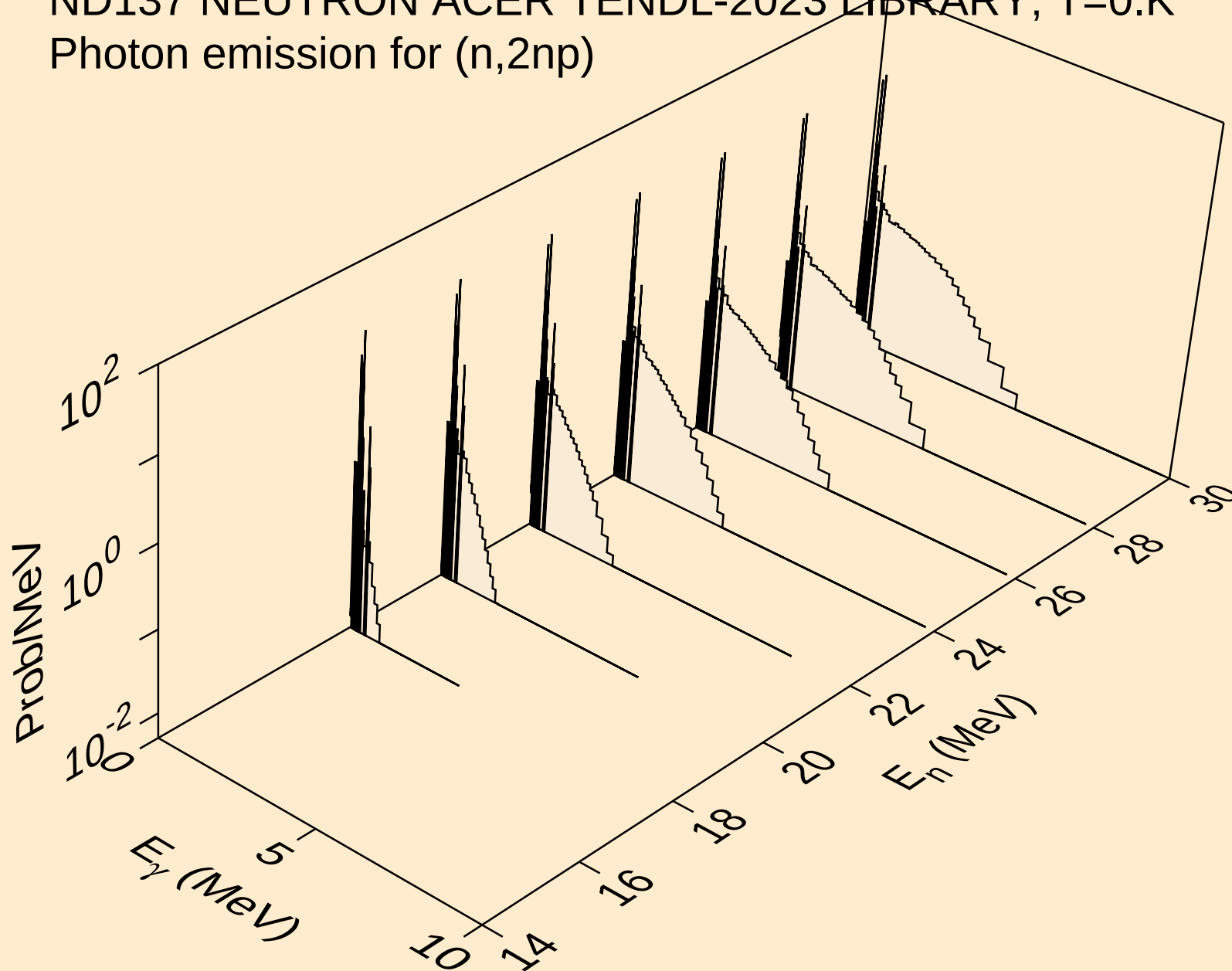
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



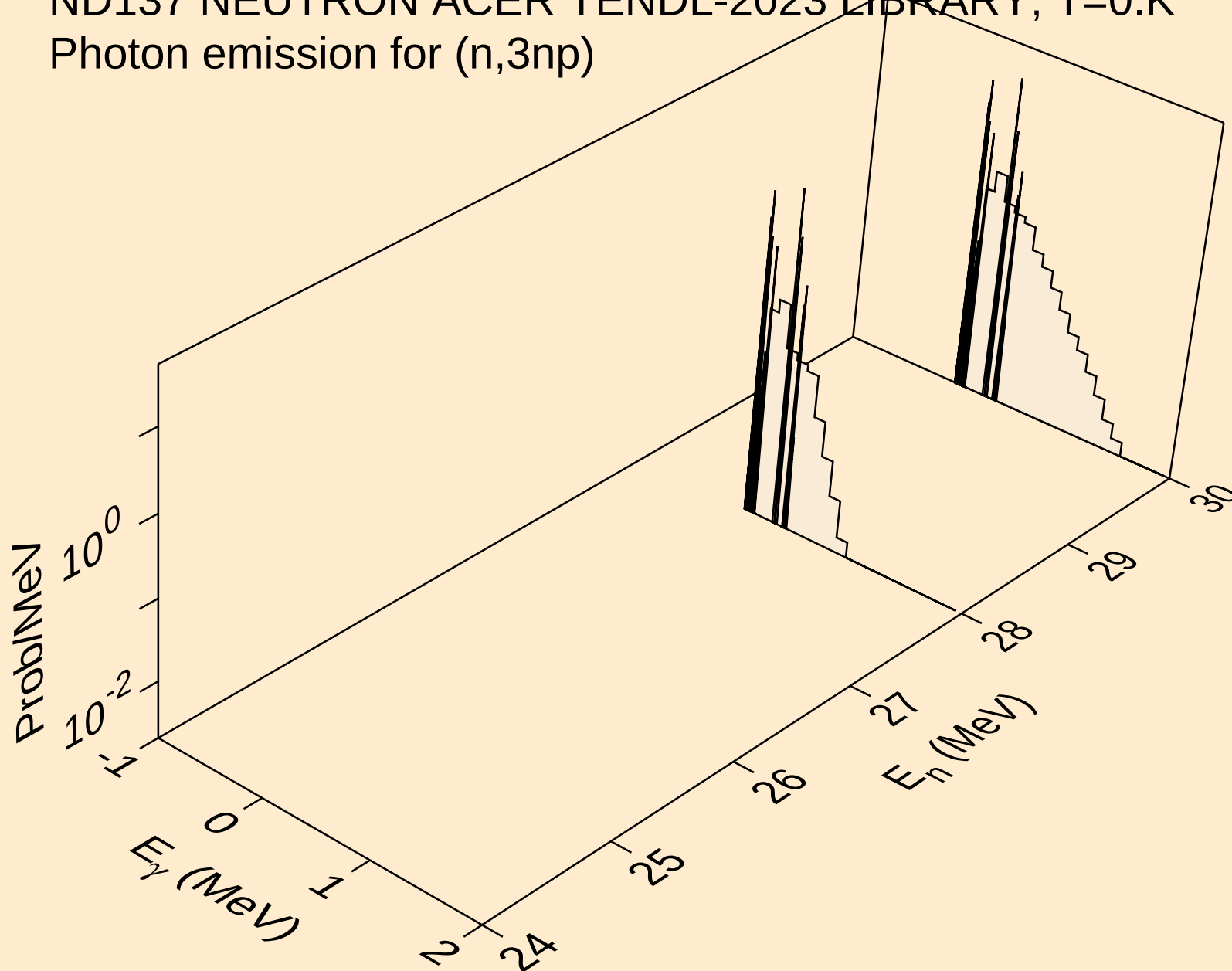
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



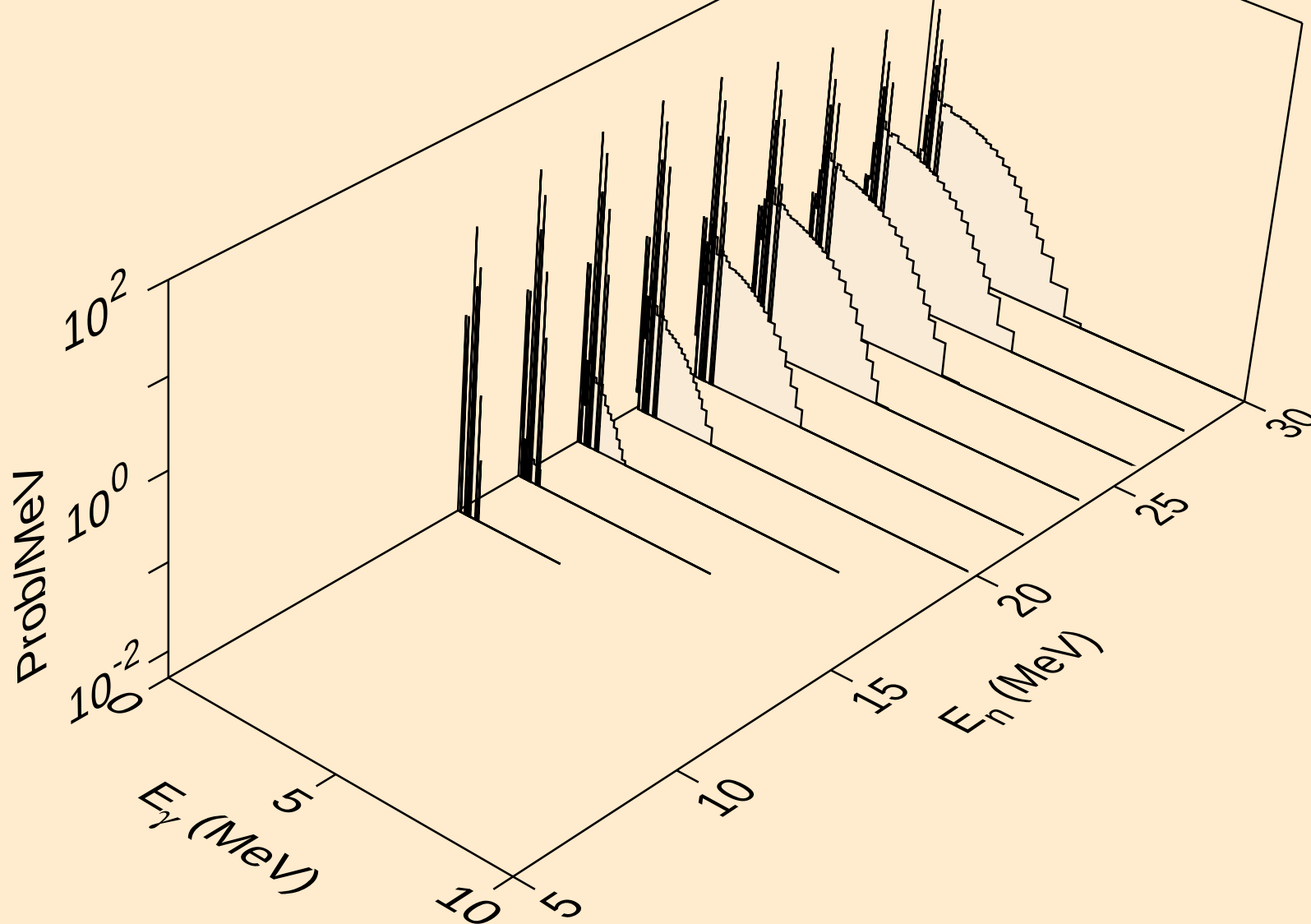
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



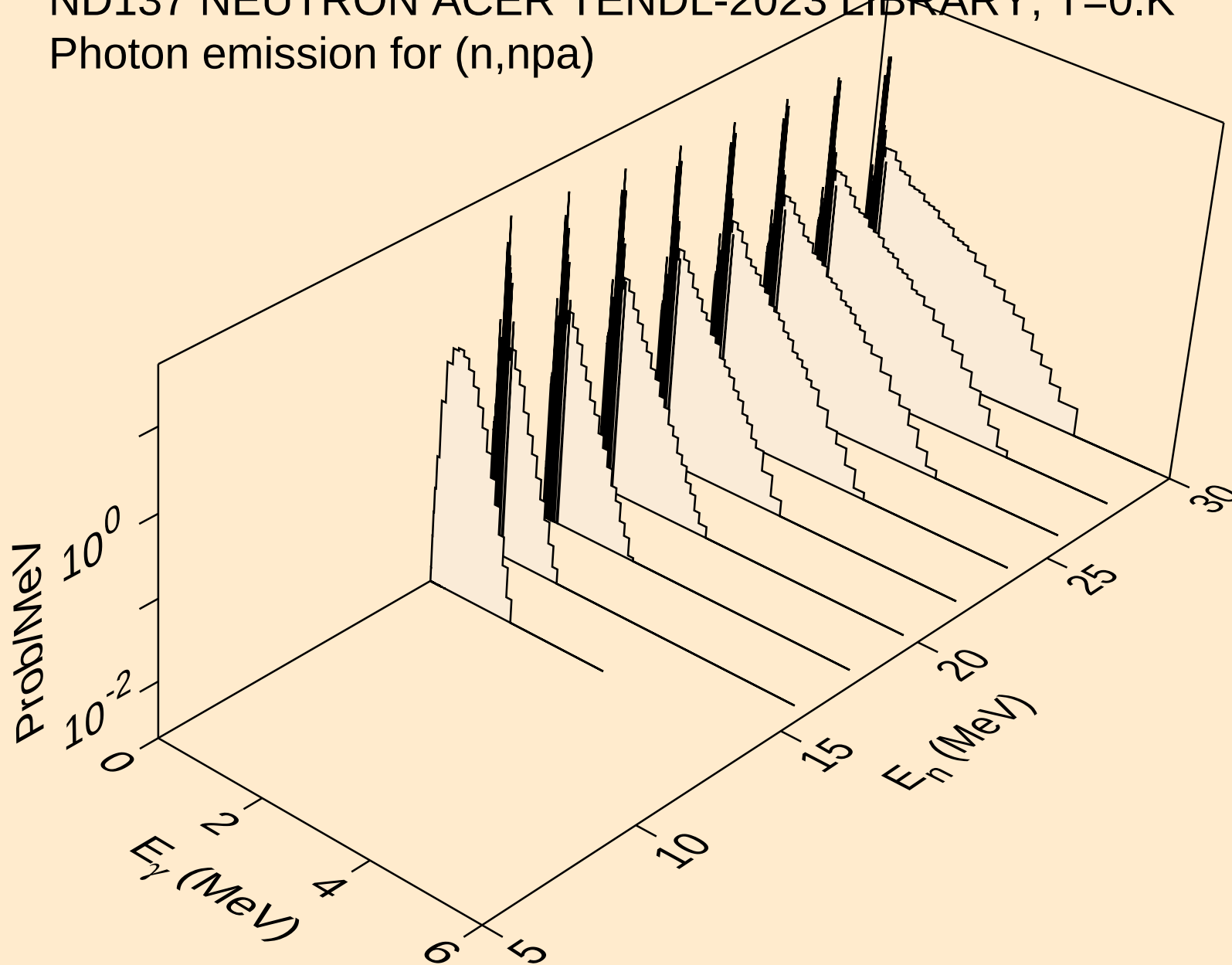
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



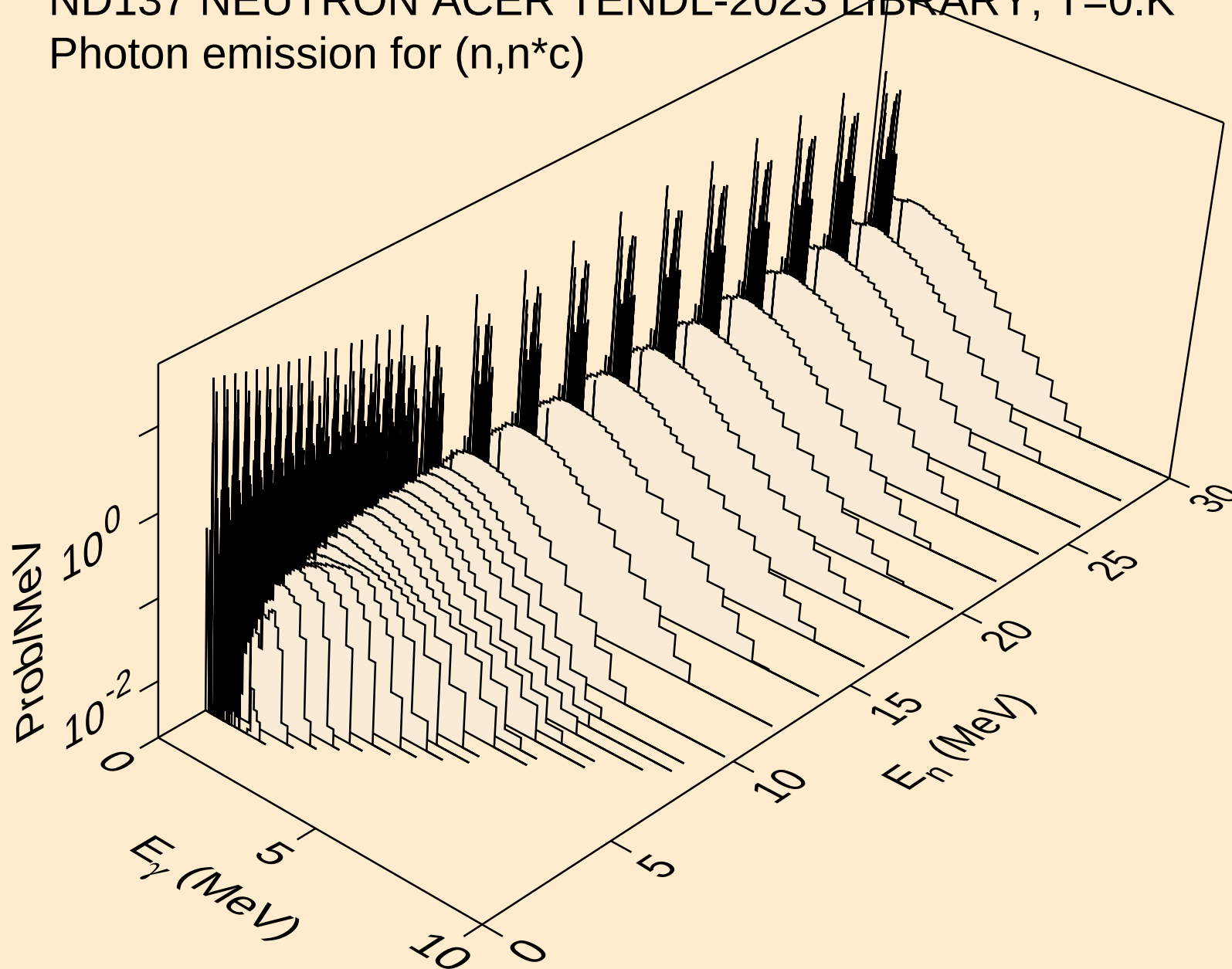
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



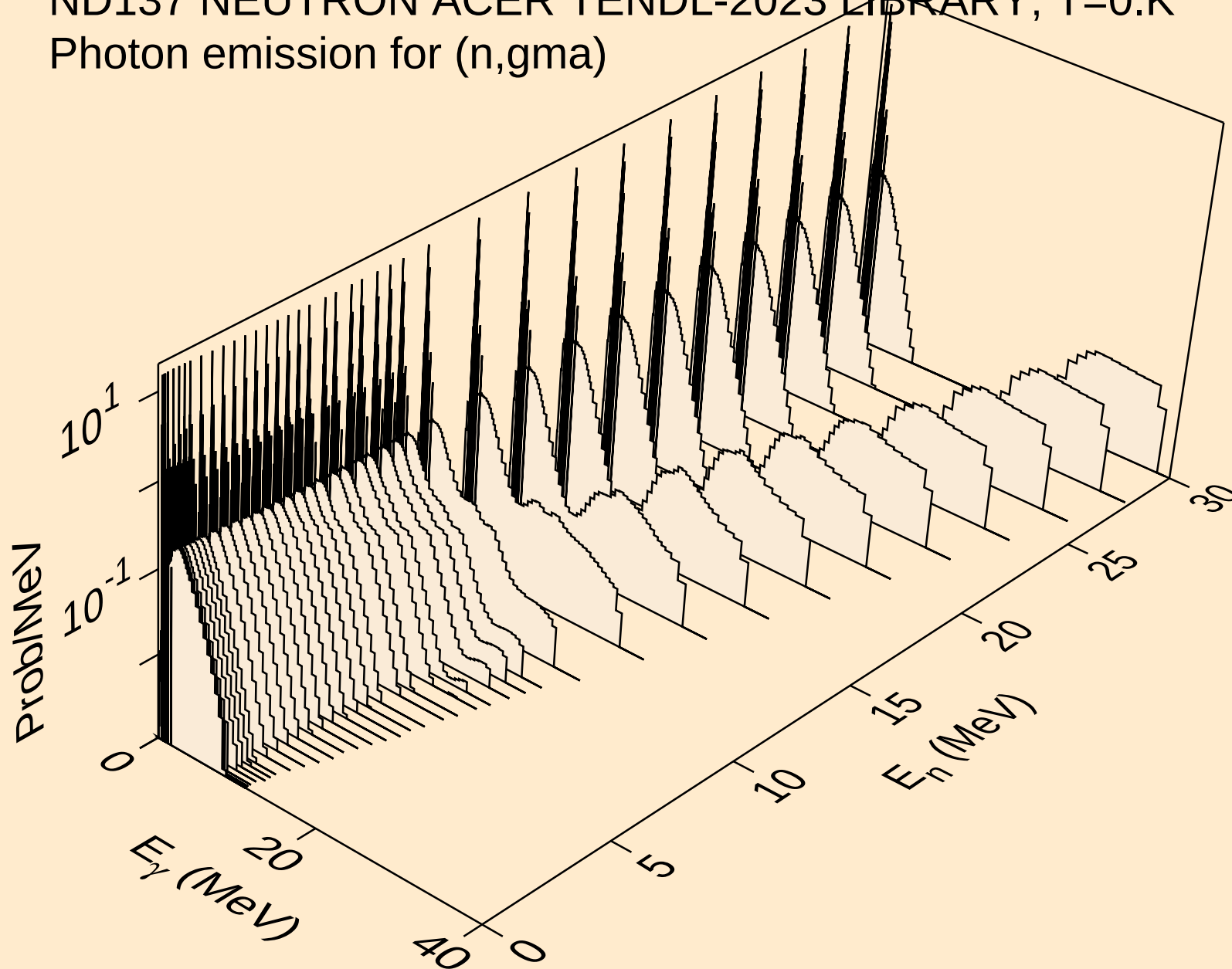
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



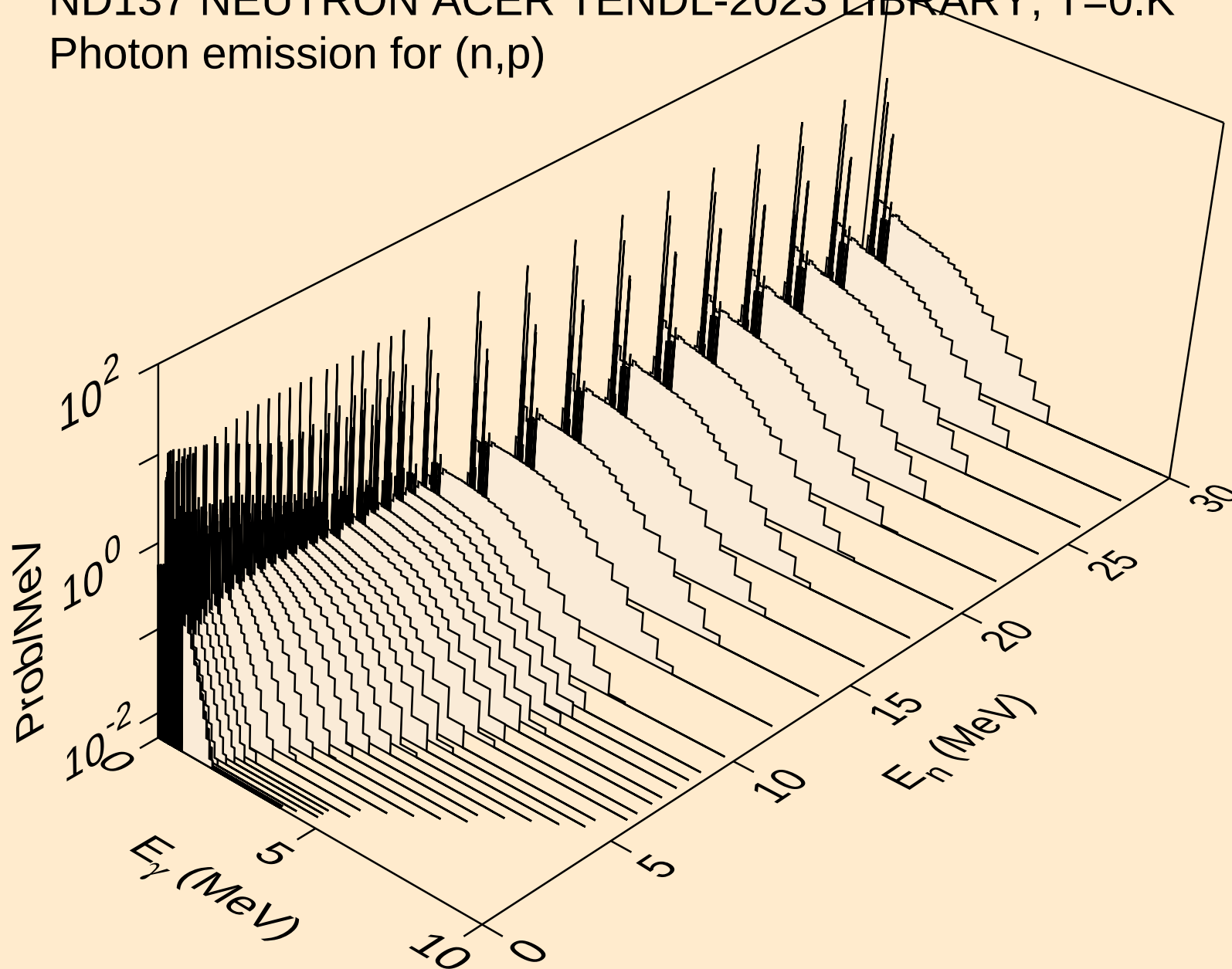
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



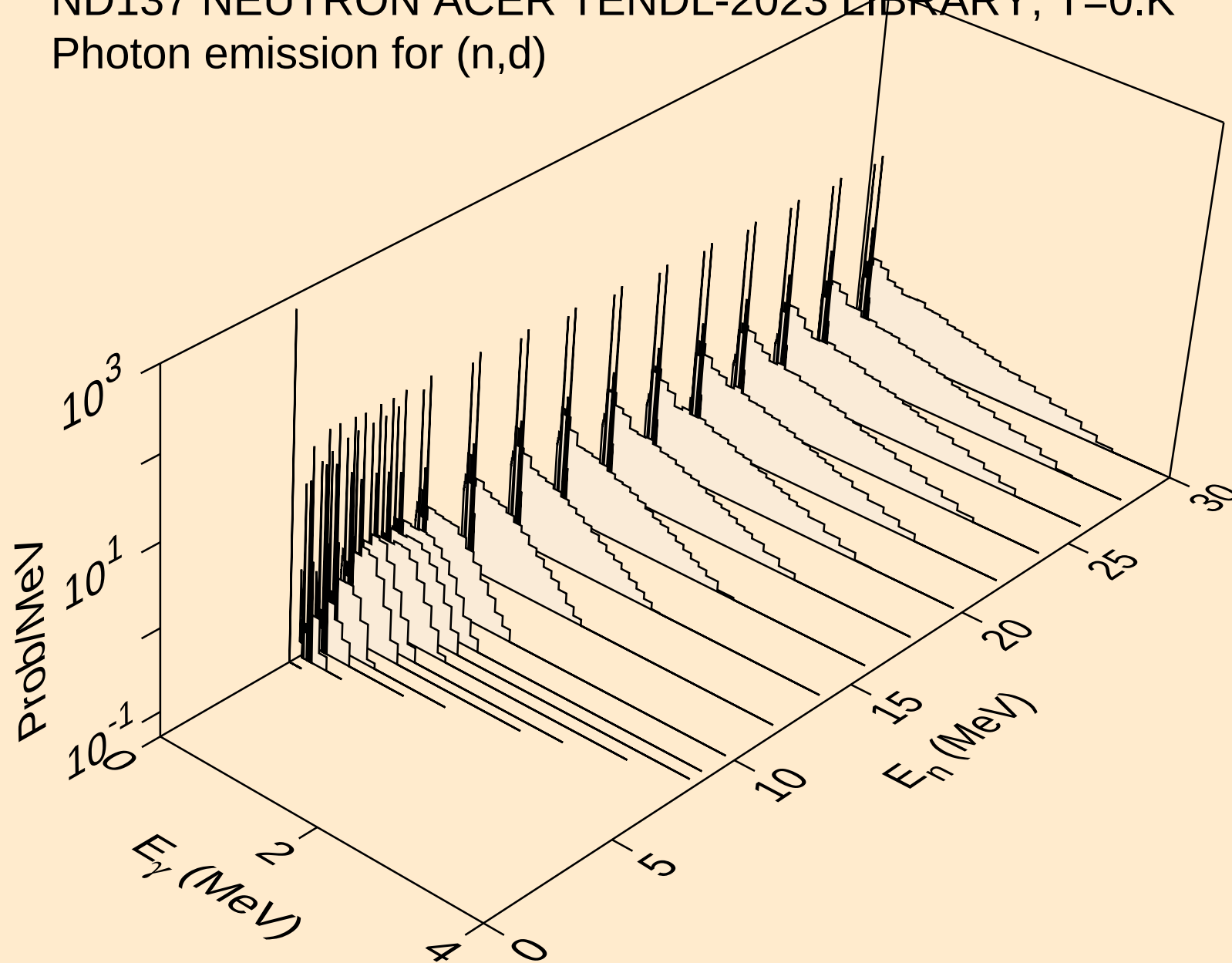
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



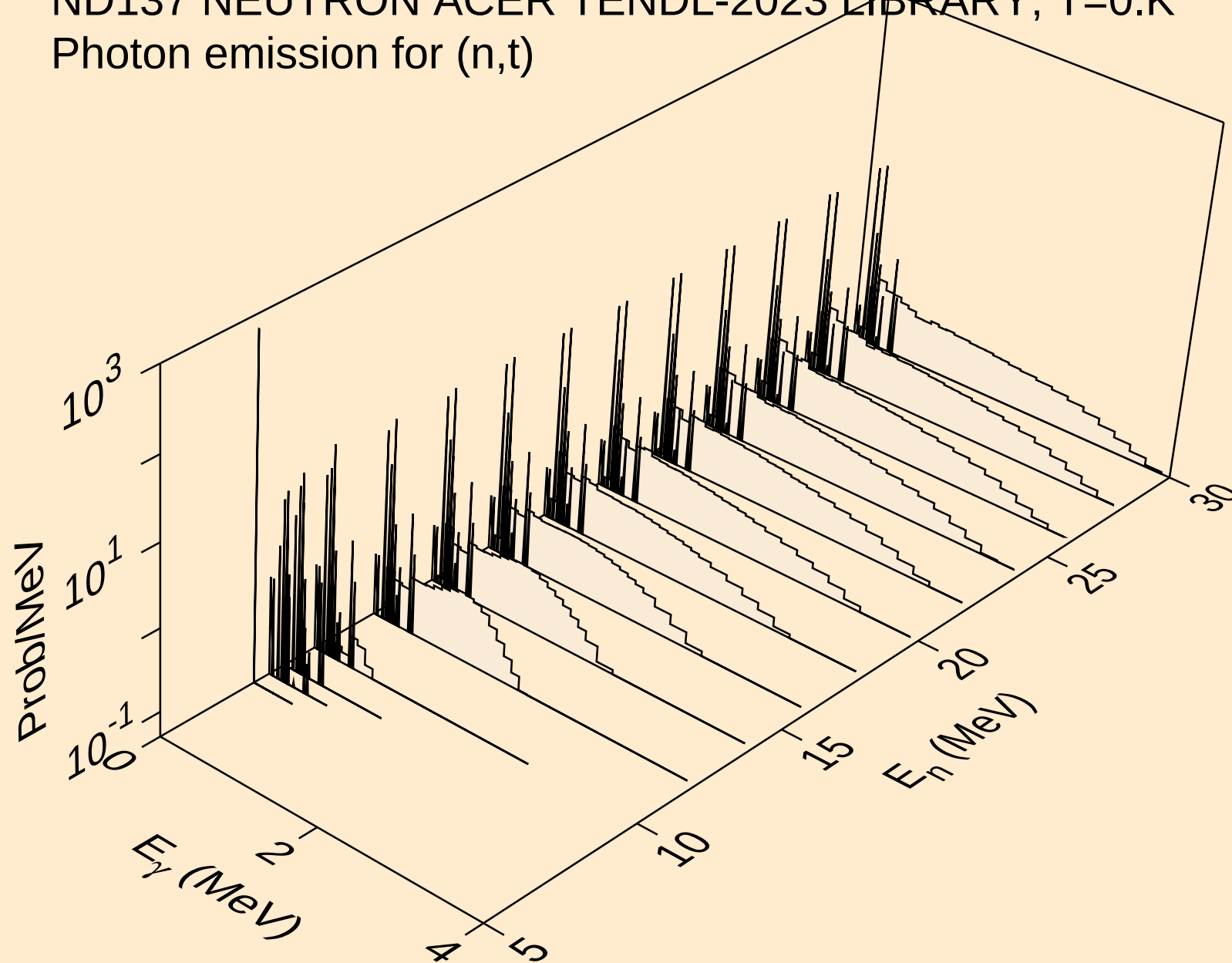
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



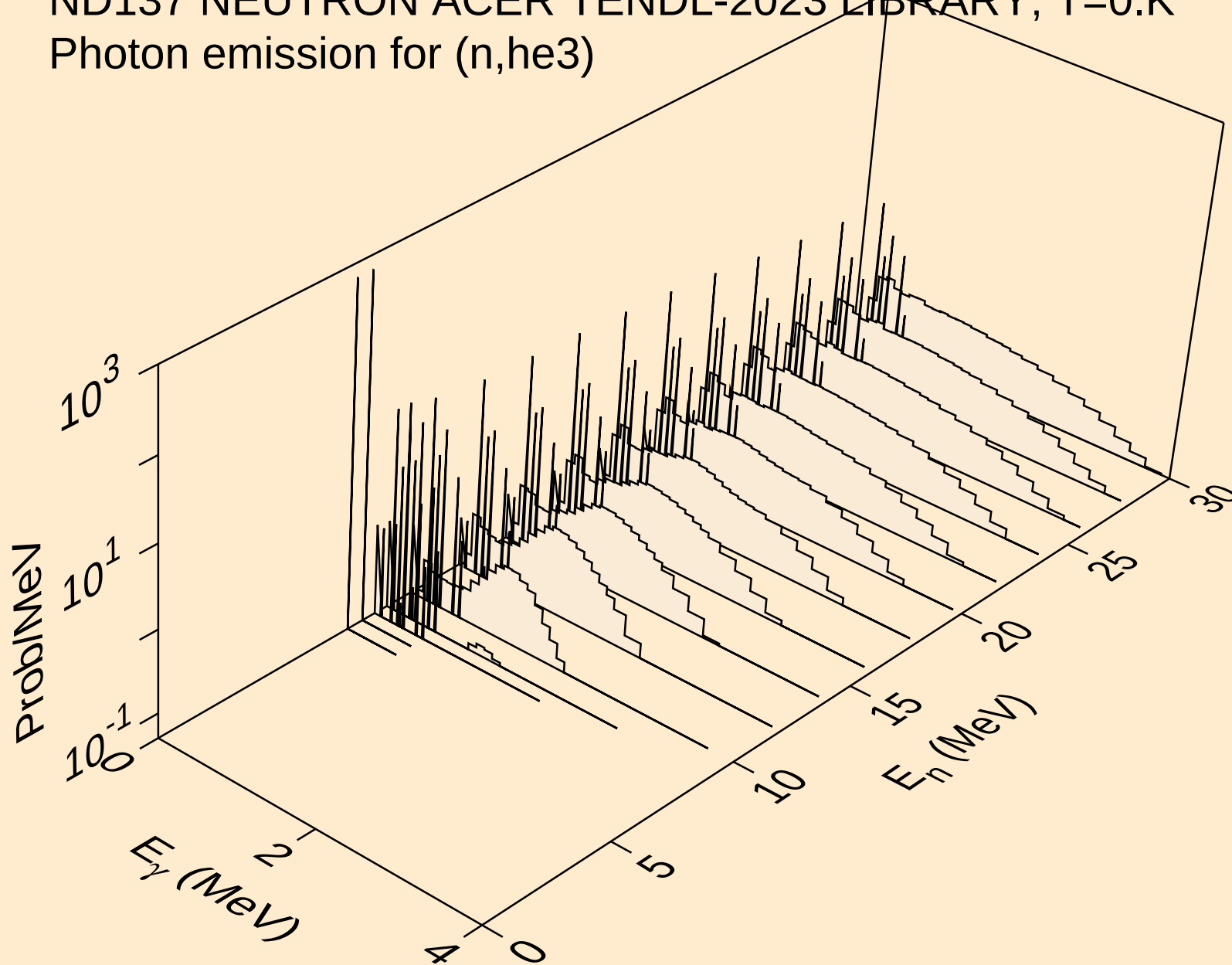
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



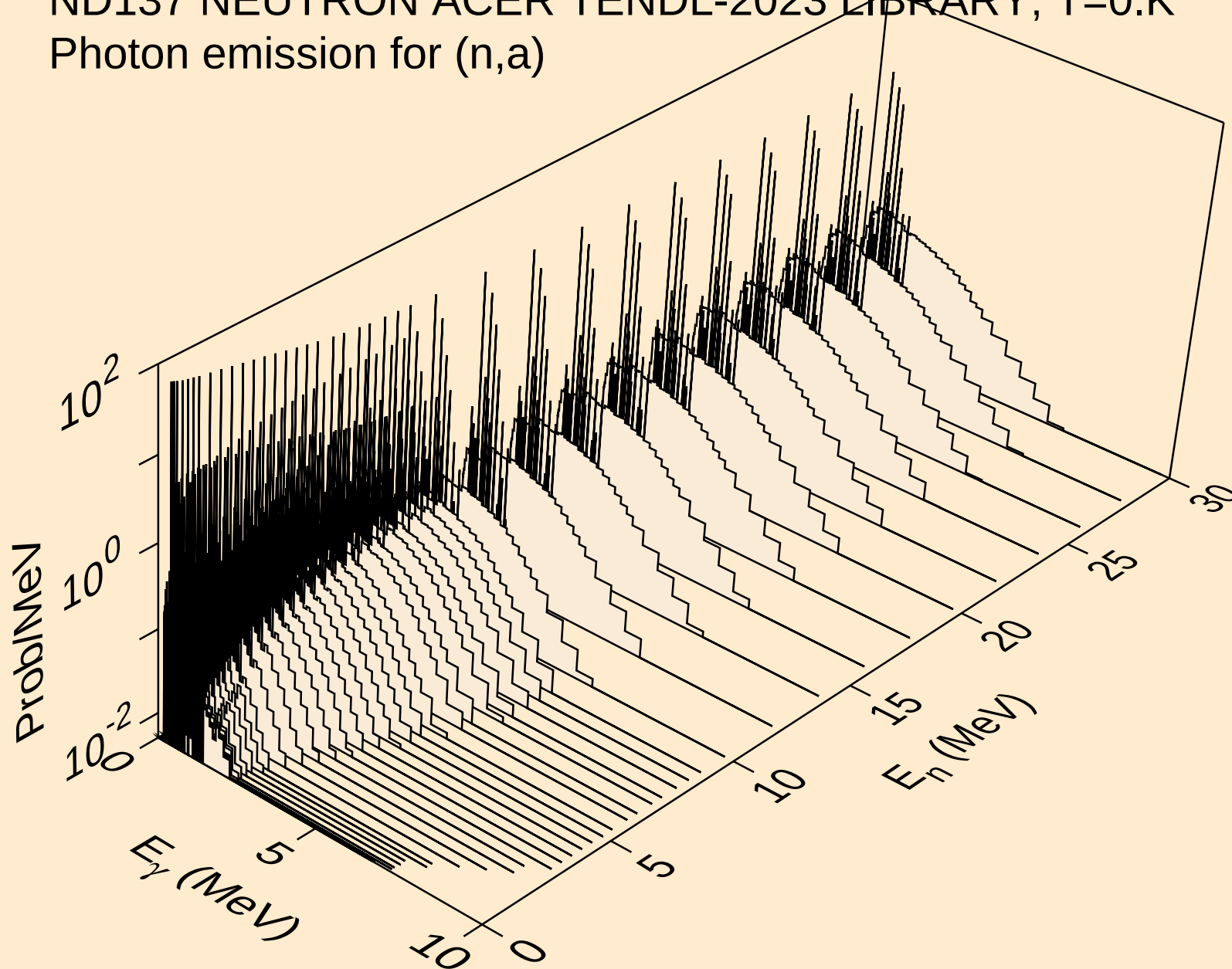
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



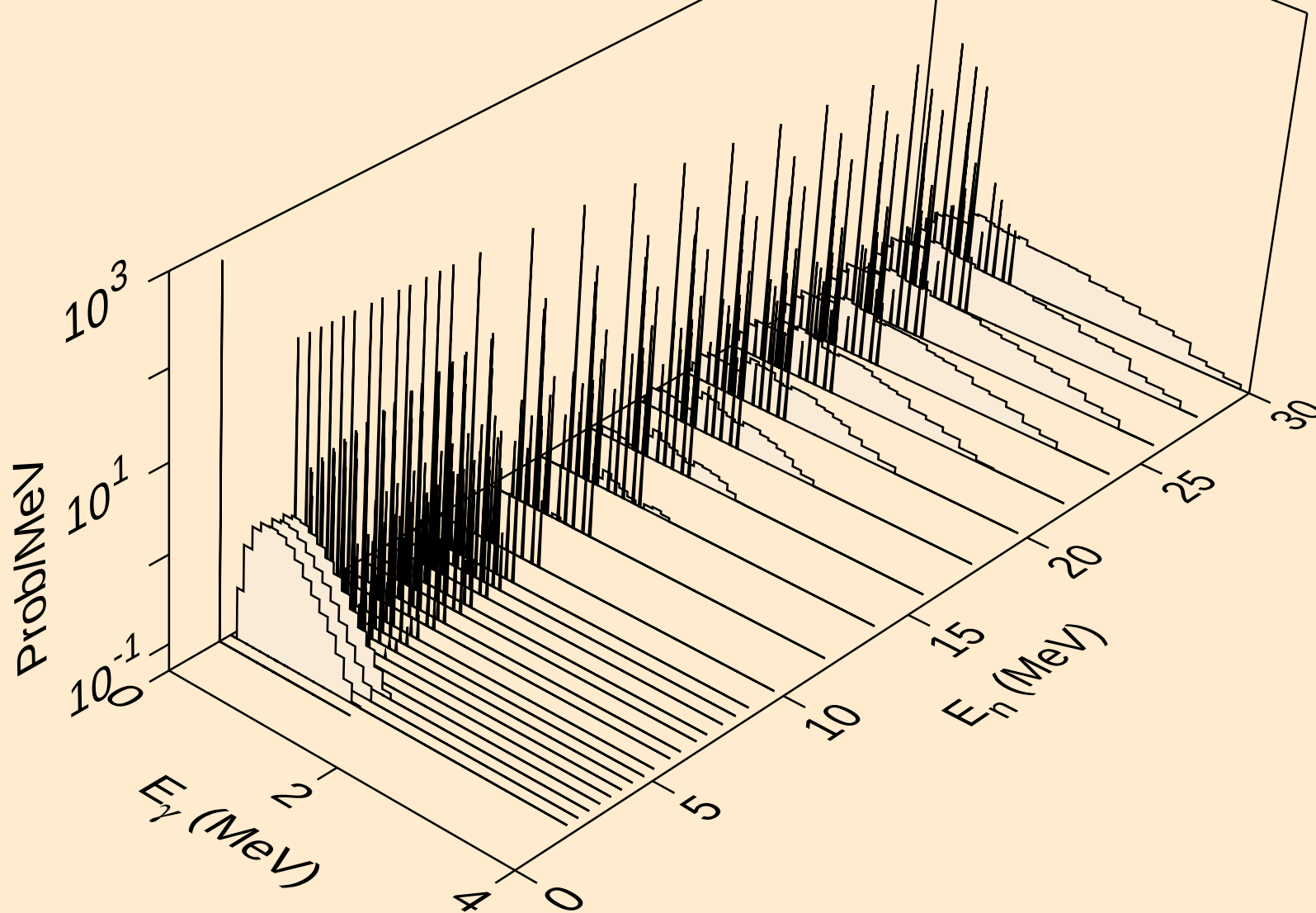
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



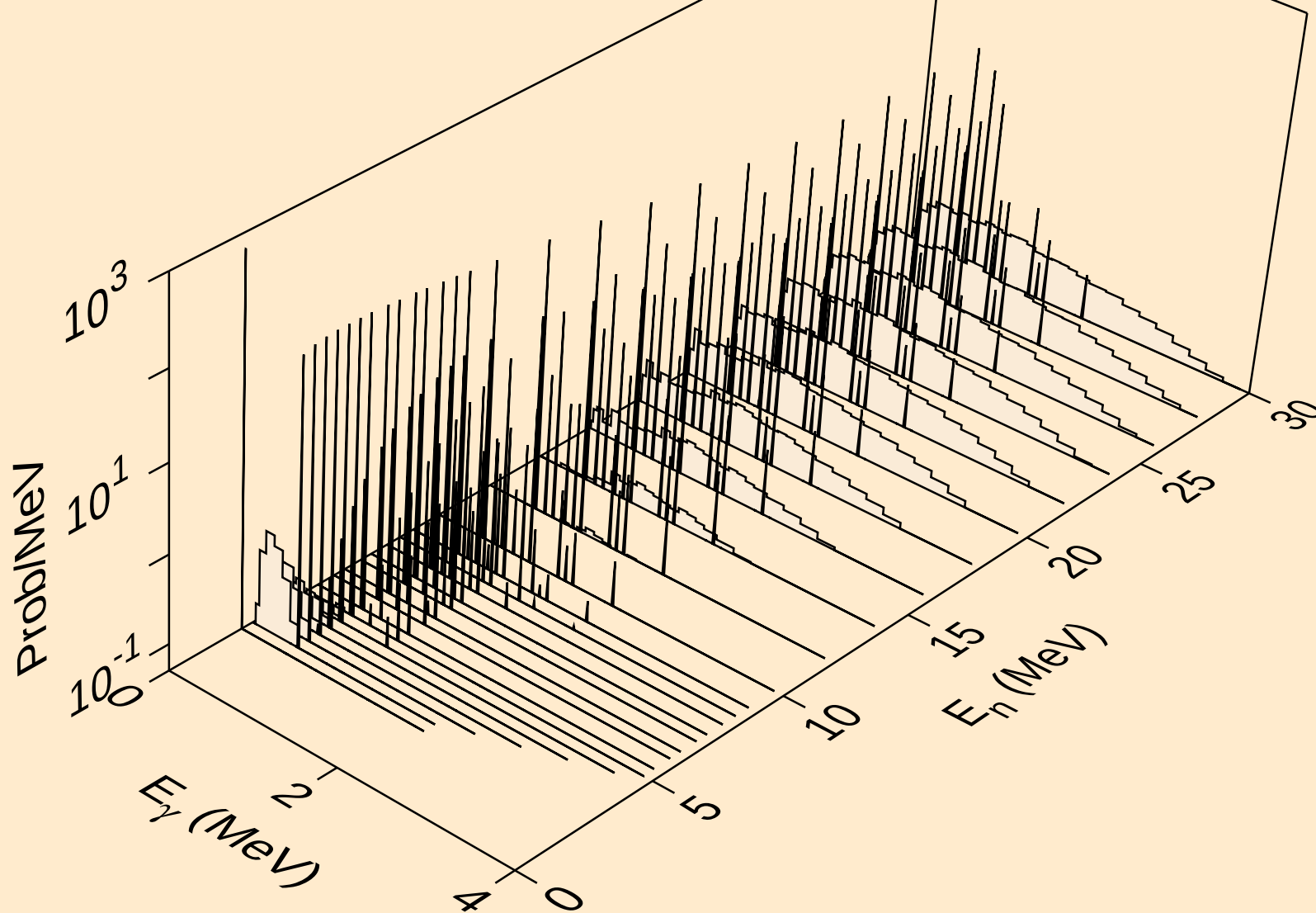
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



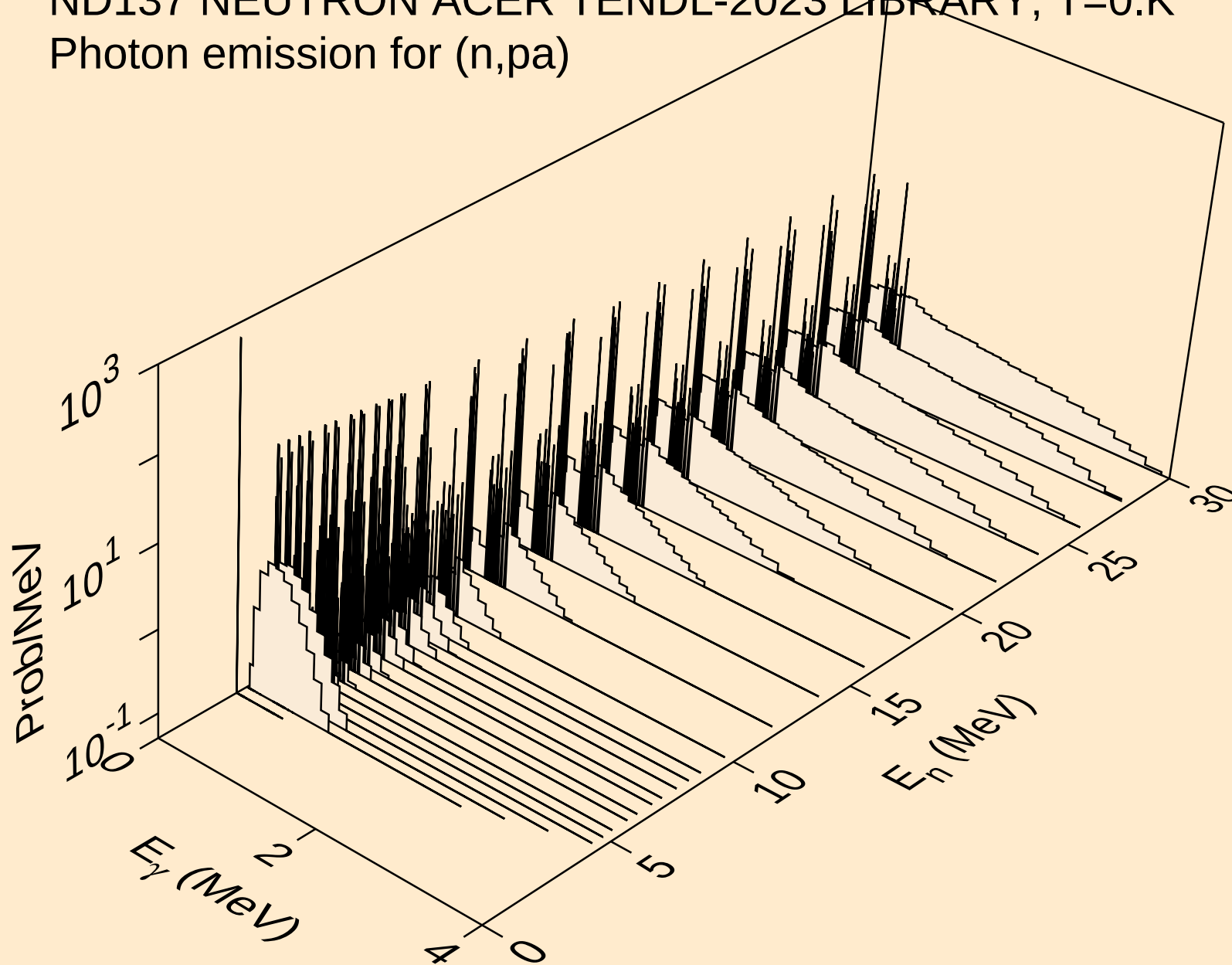
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



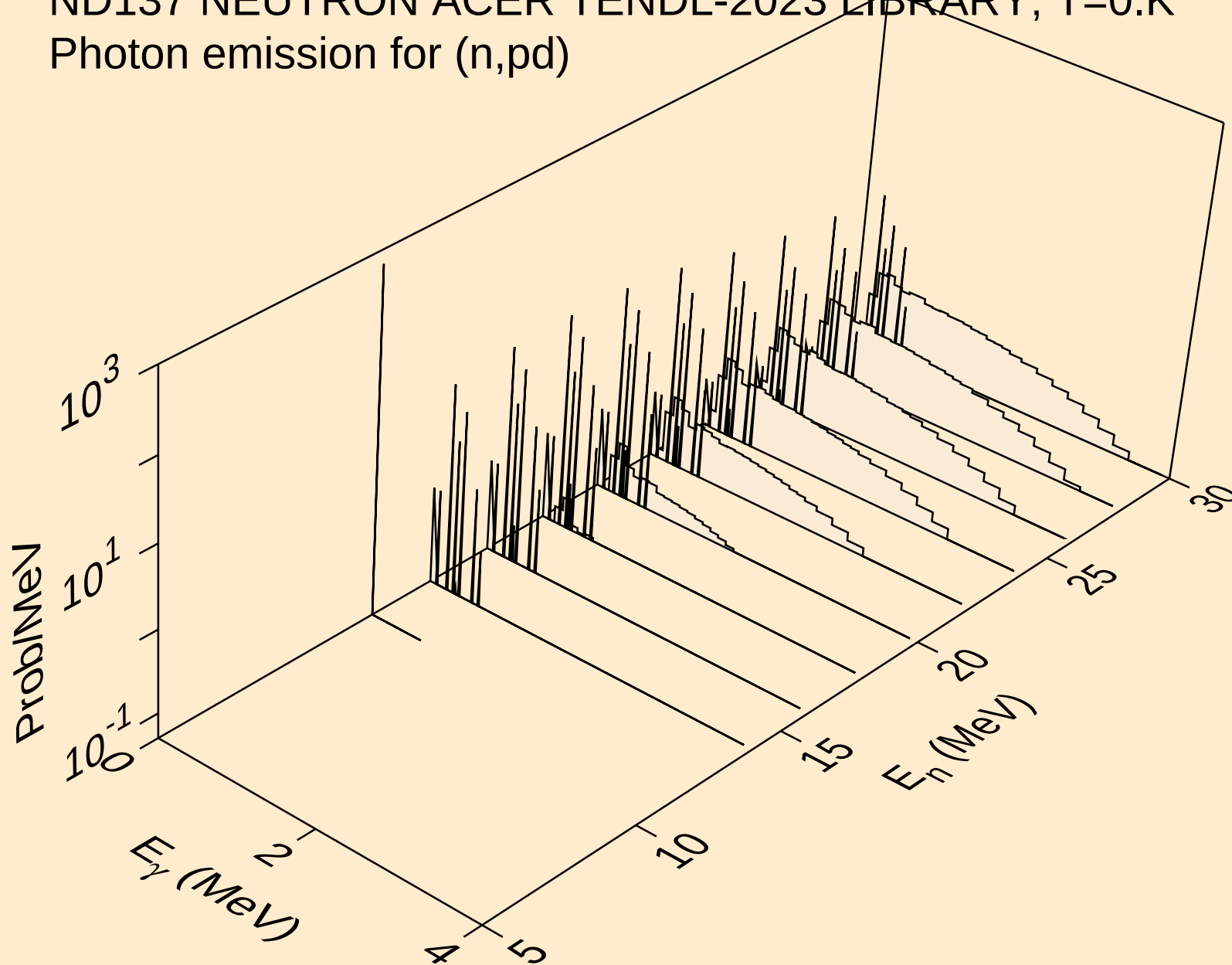
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



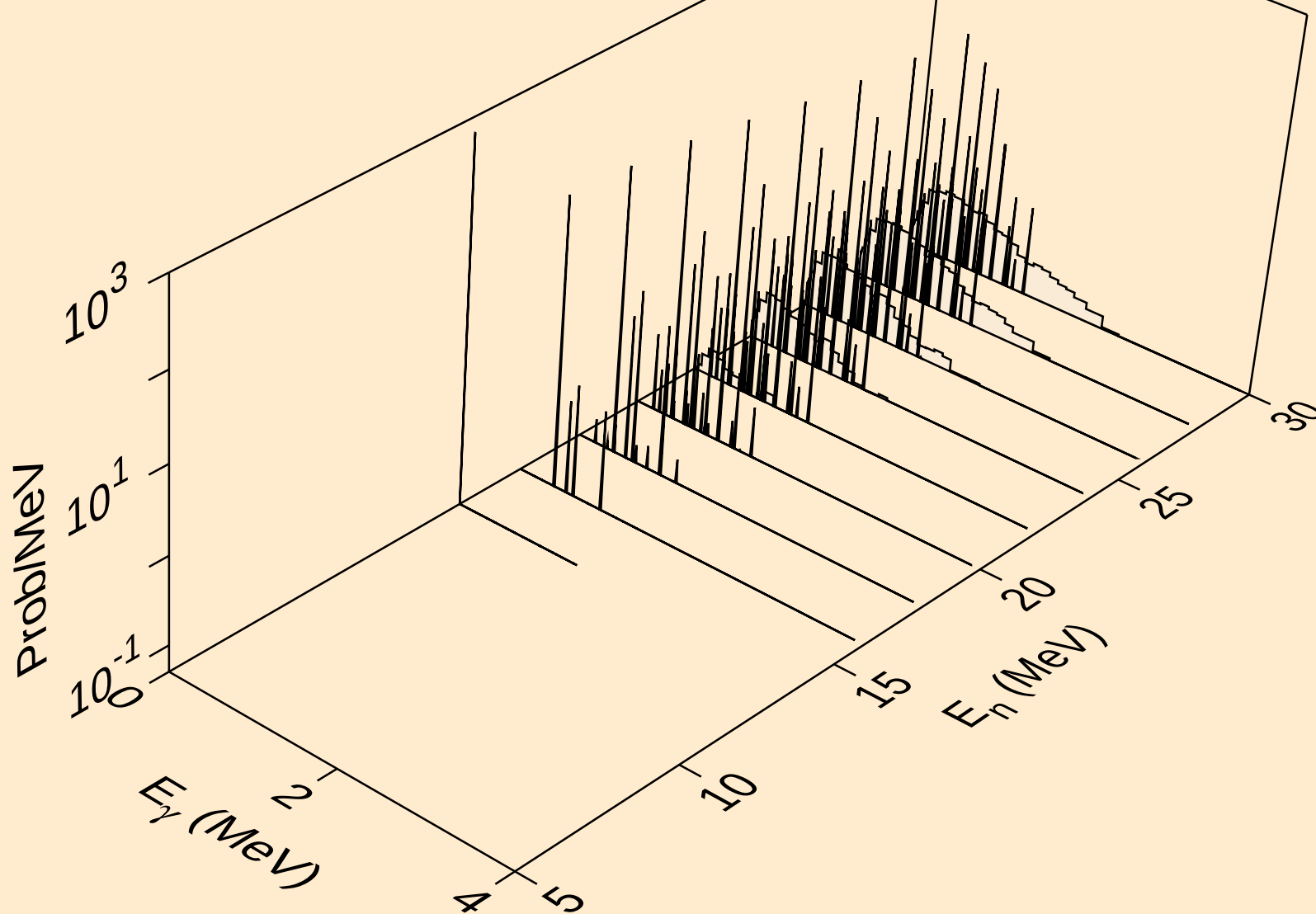
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p α)



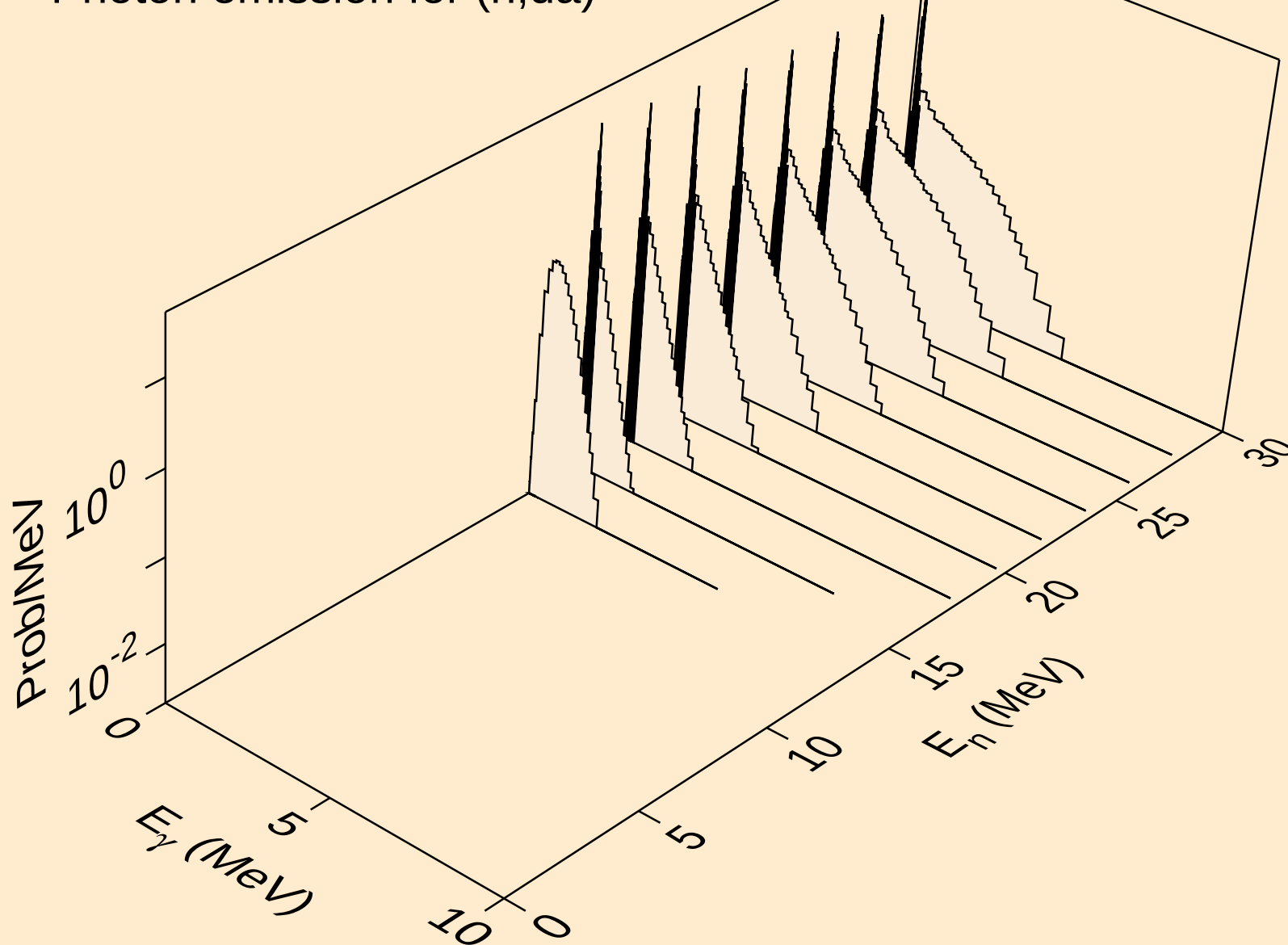
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



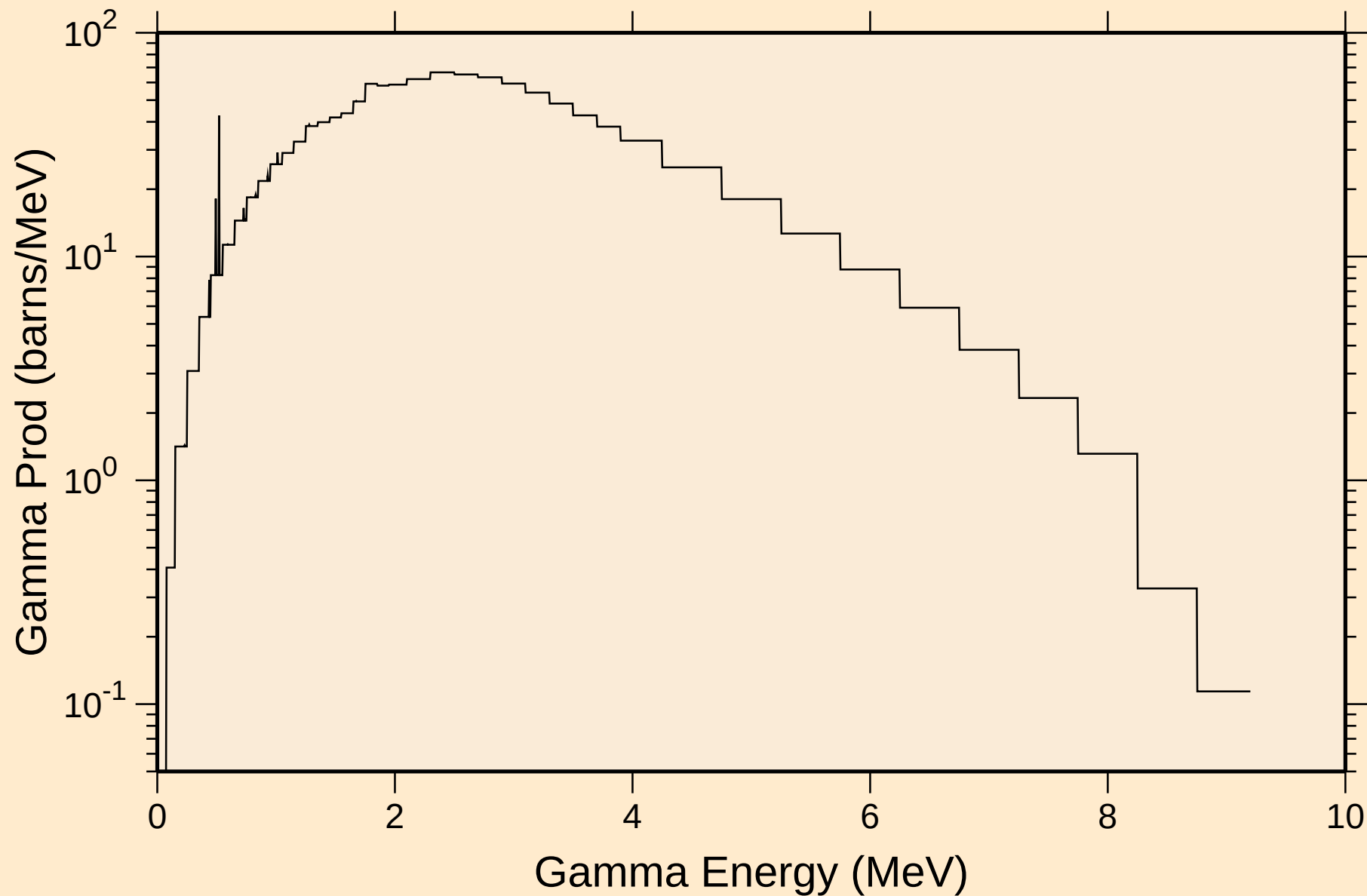
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)



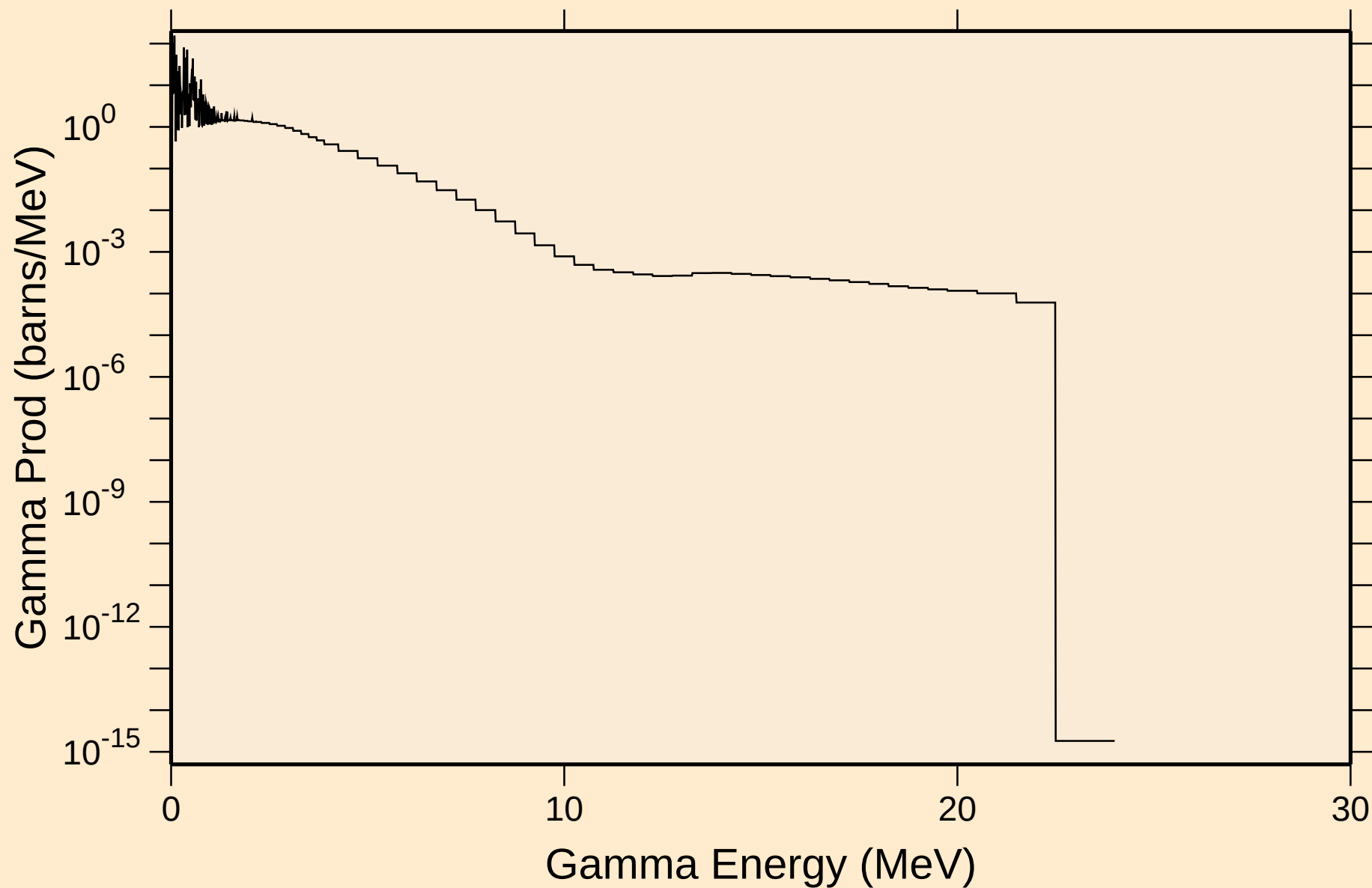
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

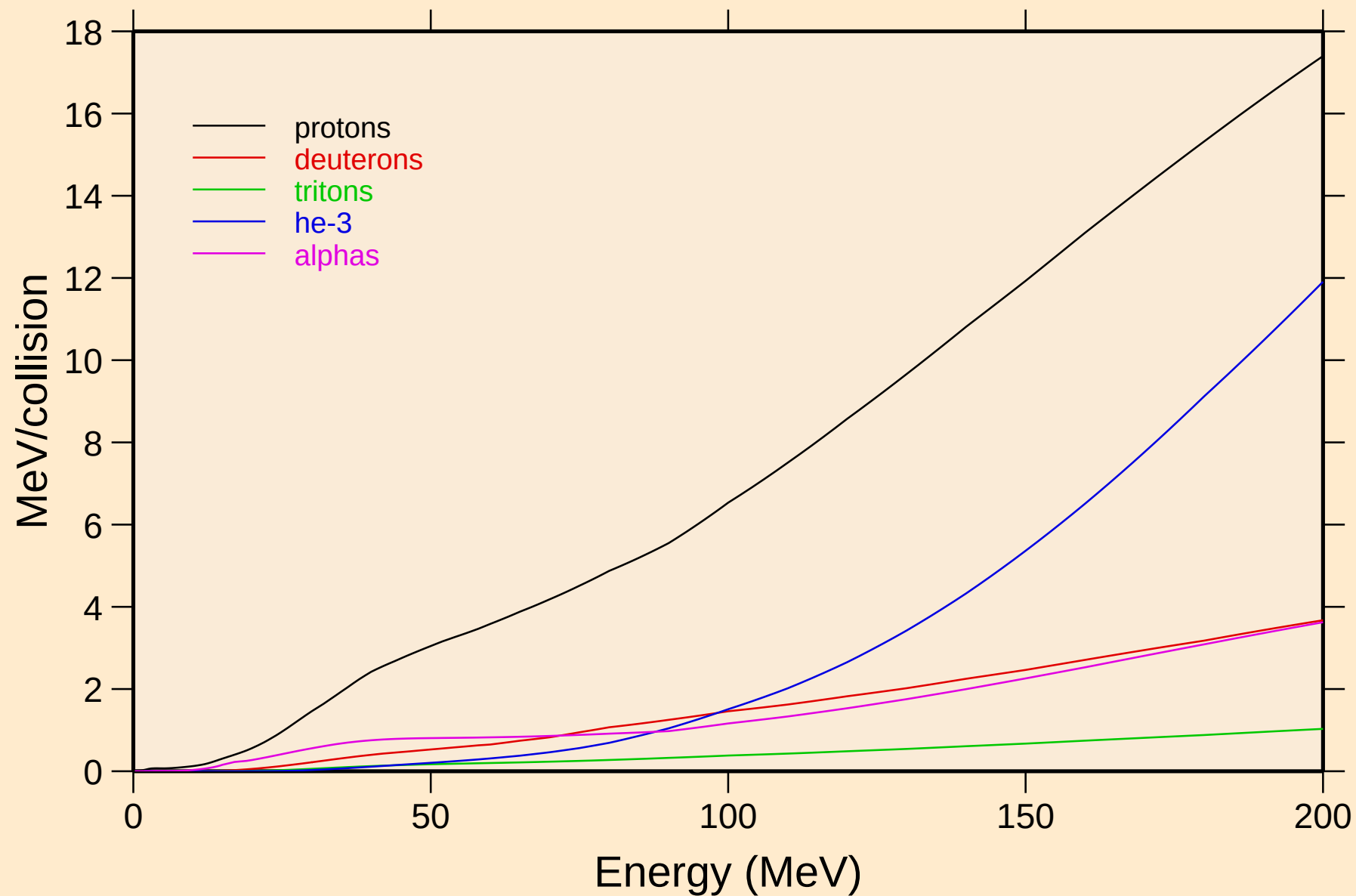


ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum



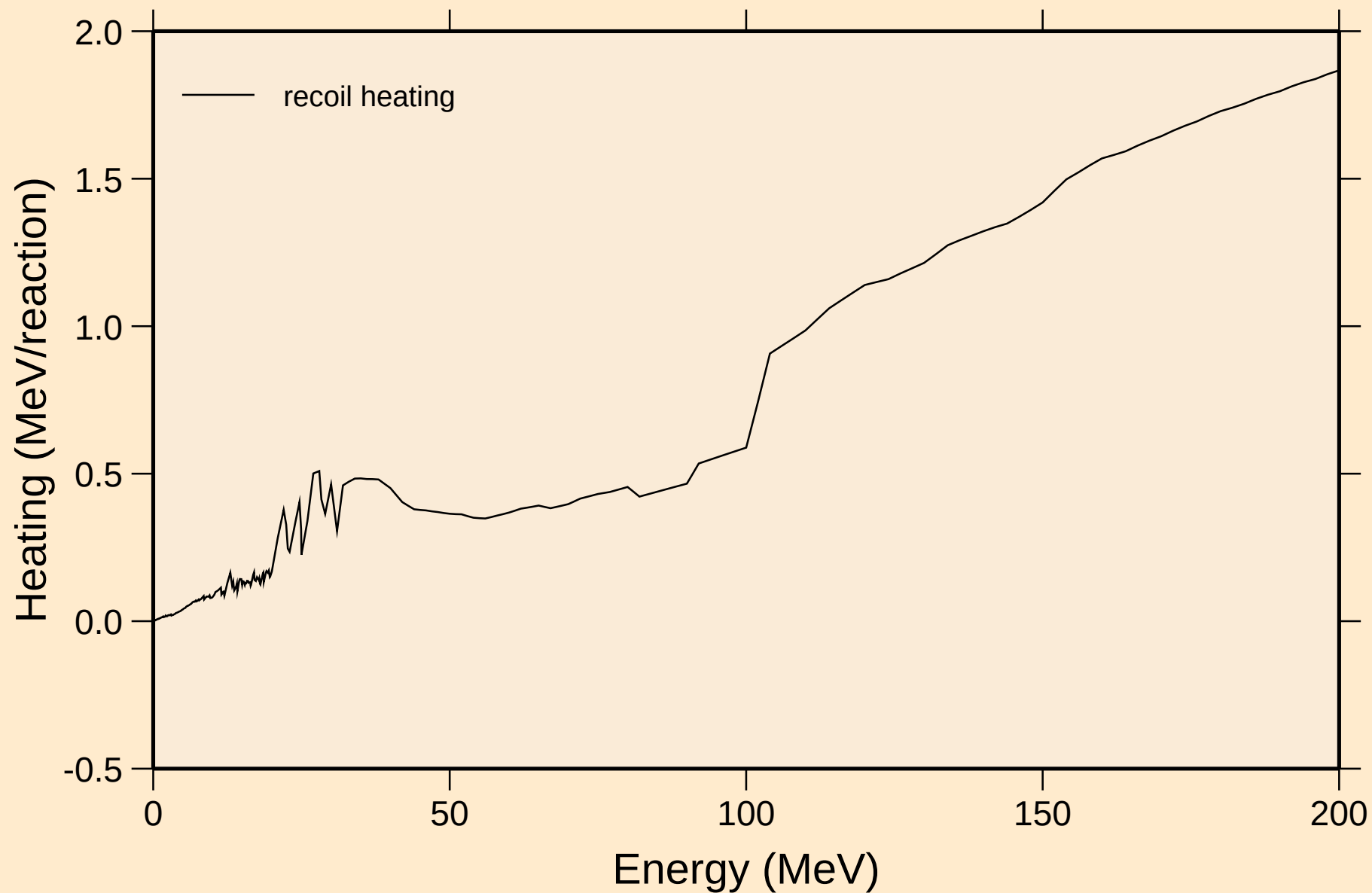
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



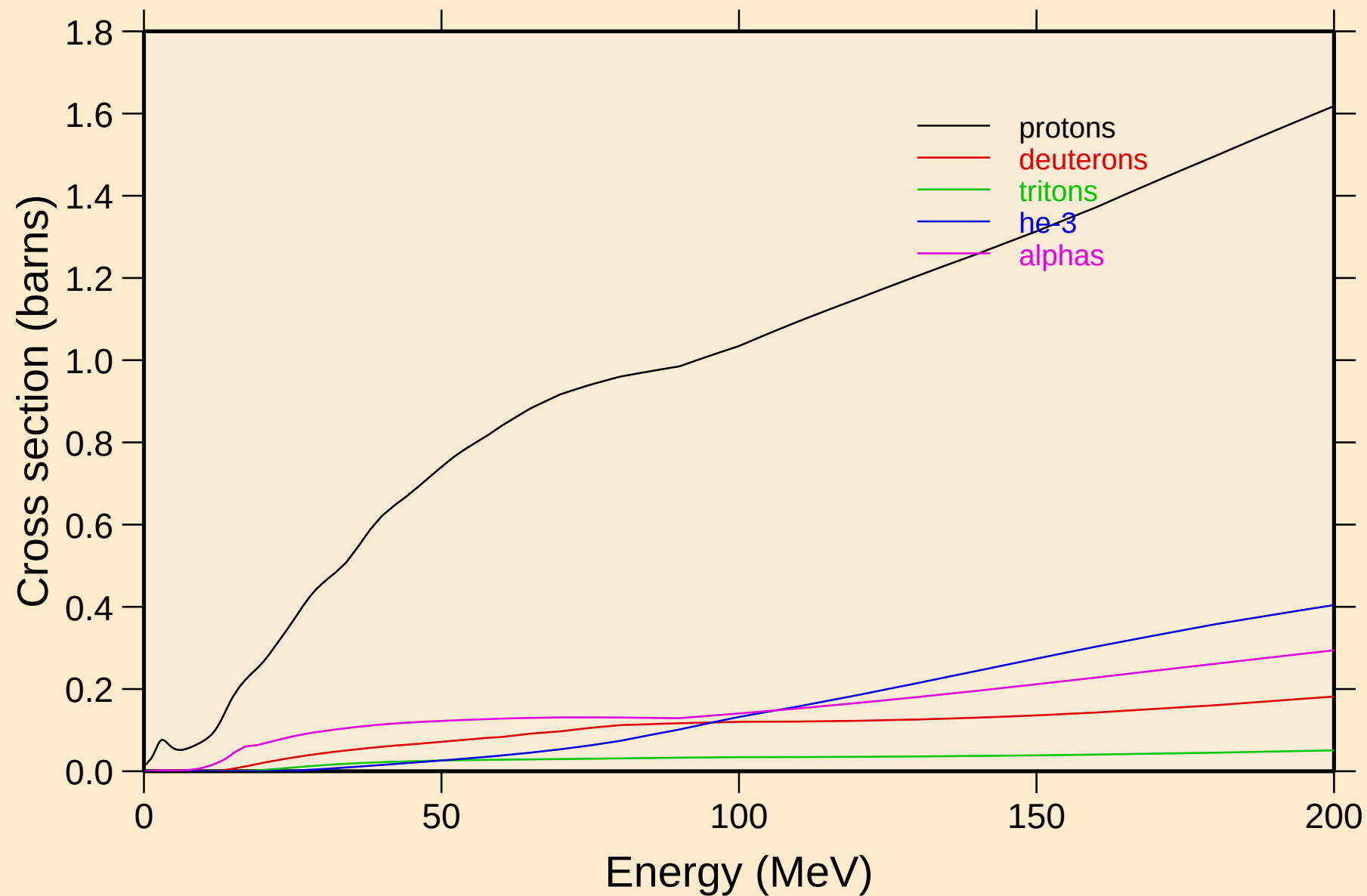
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

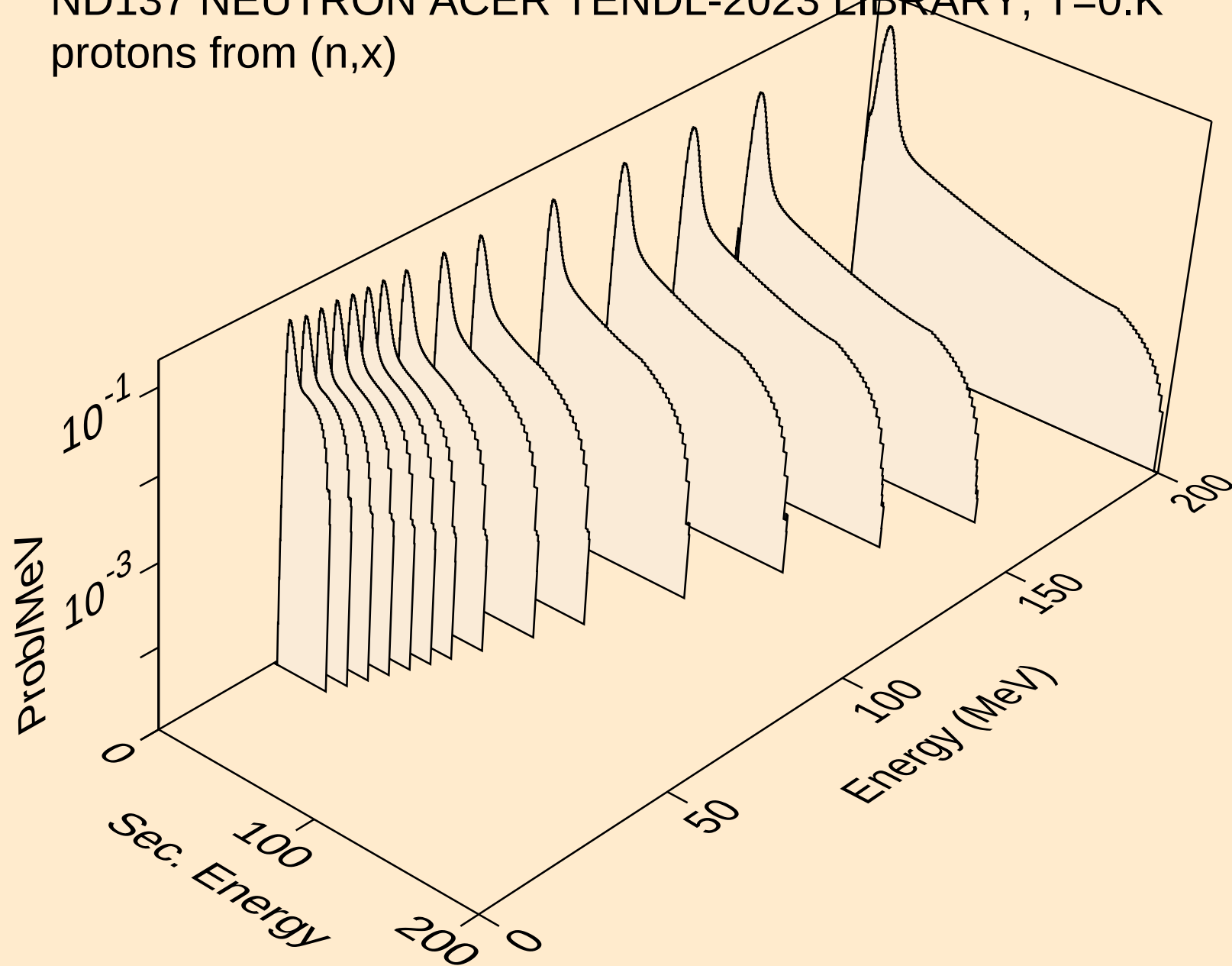


ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

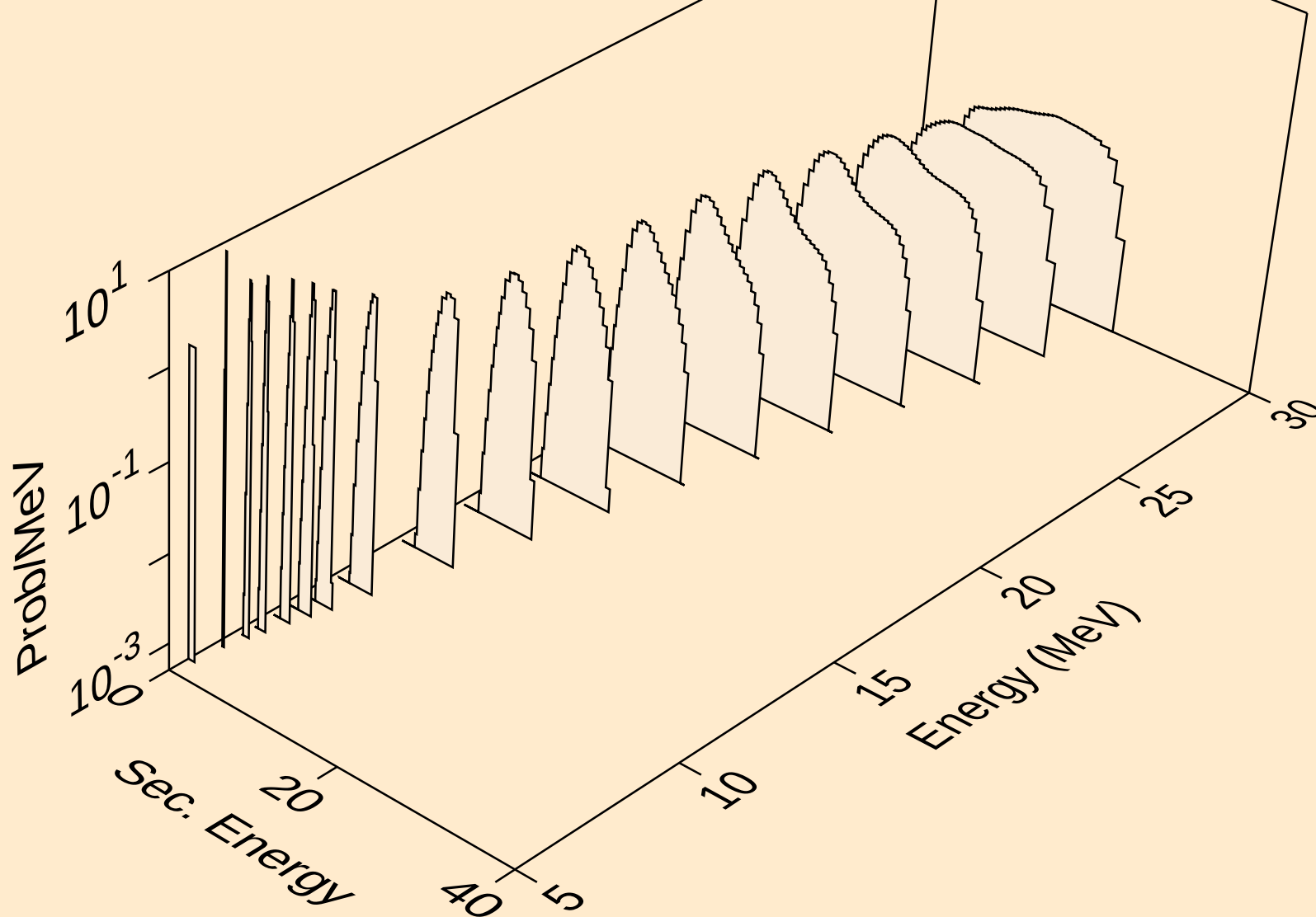
Particle production cross sections



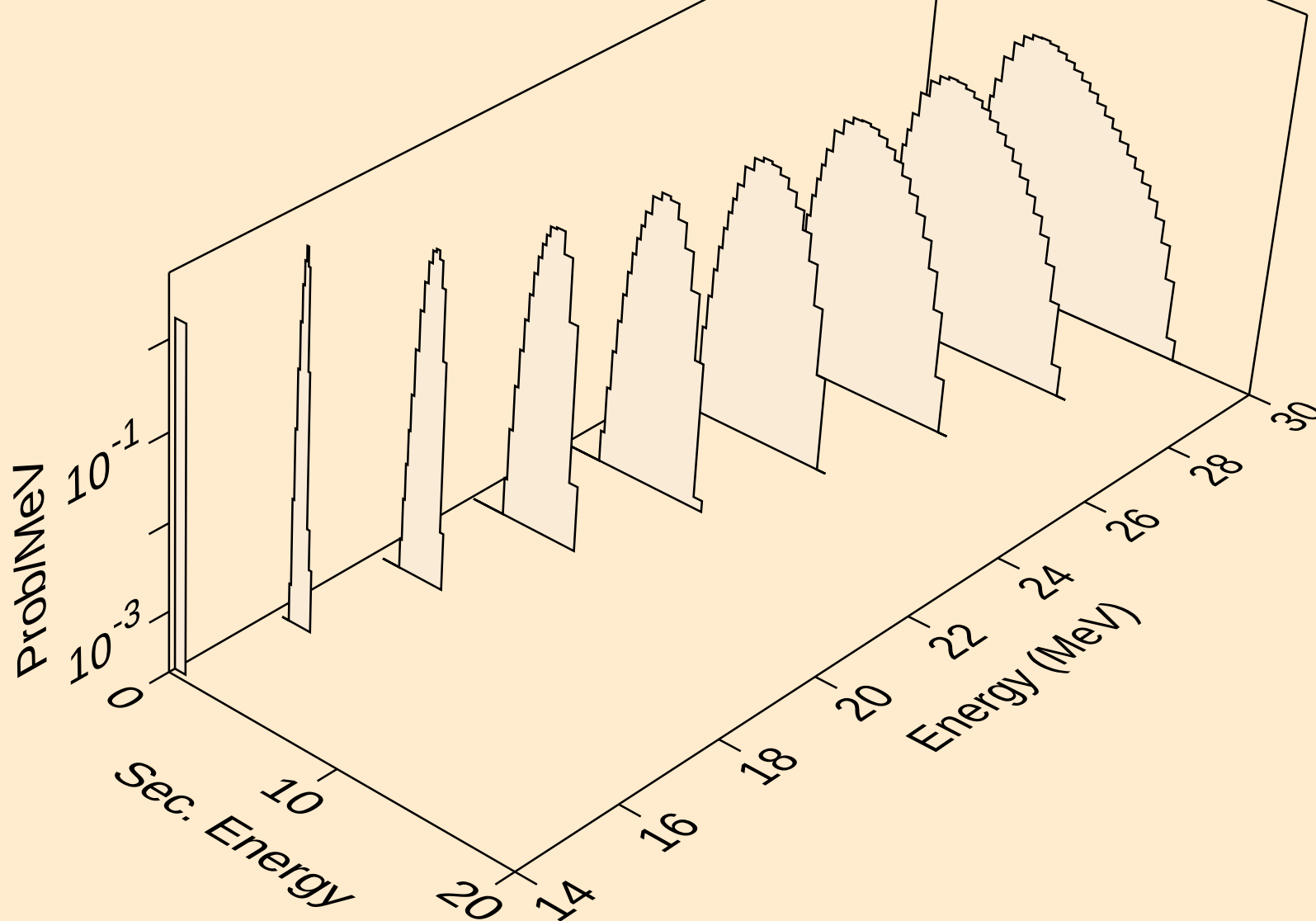
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



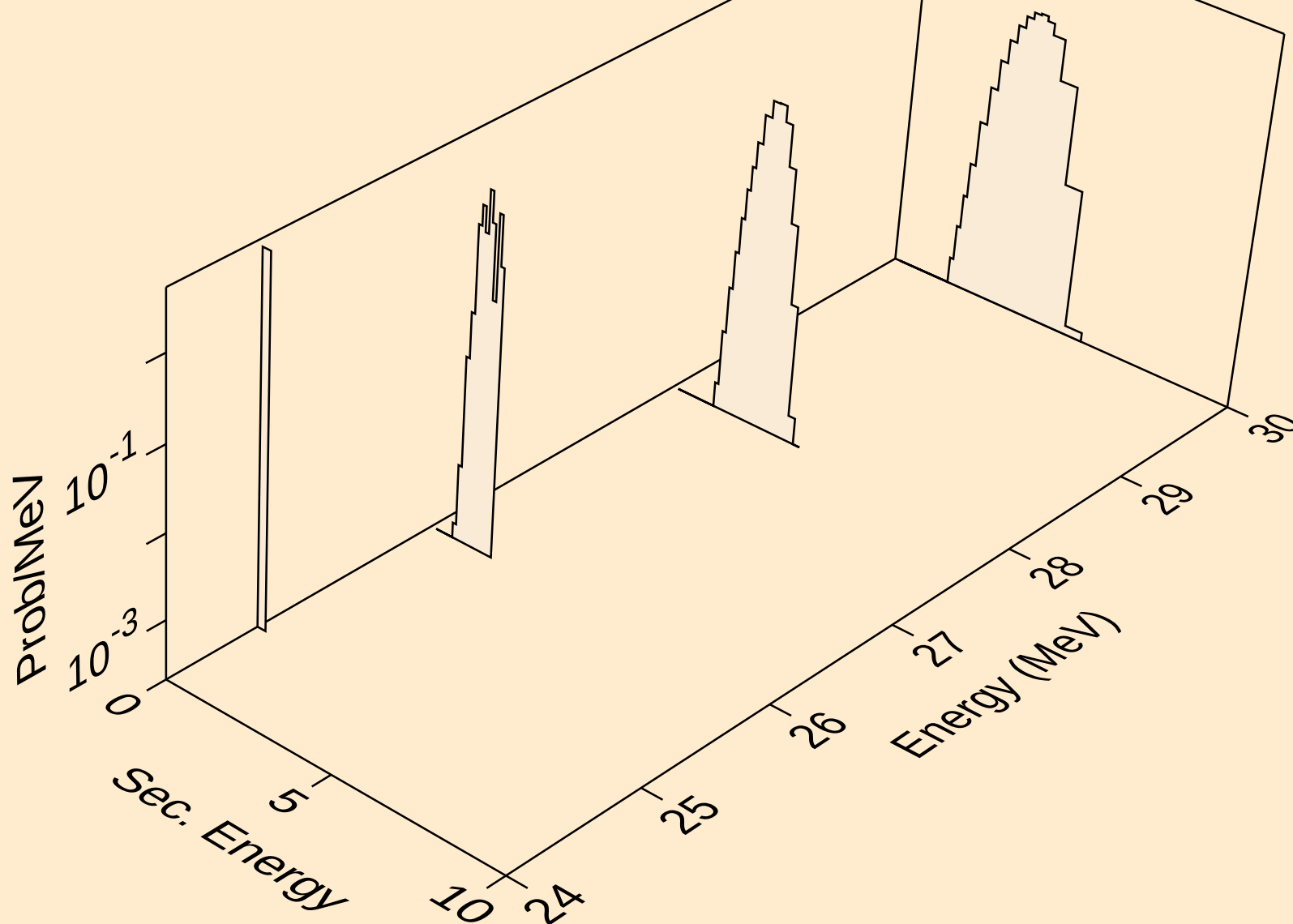
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



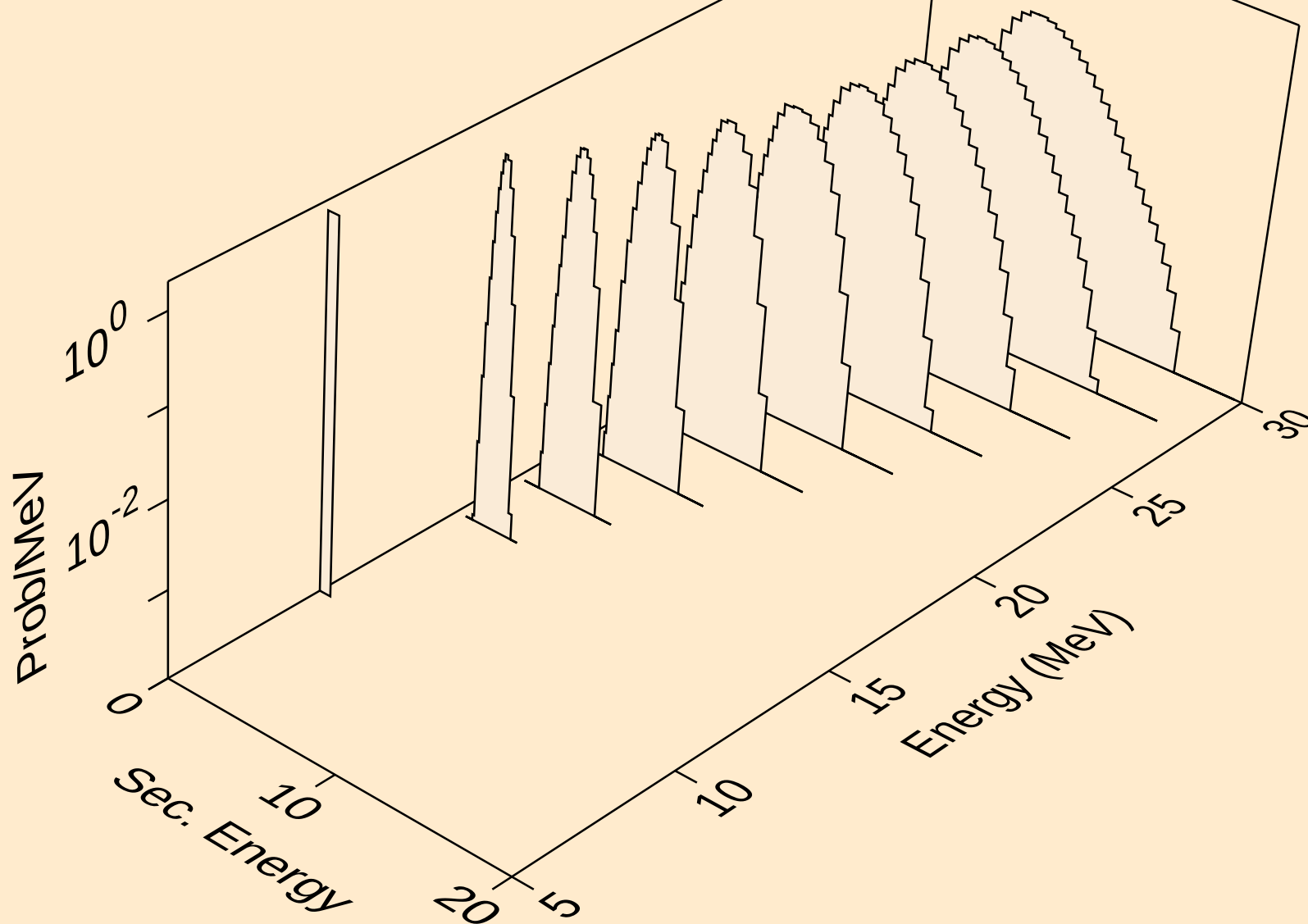
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2np)



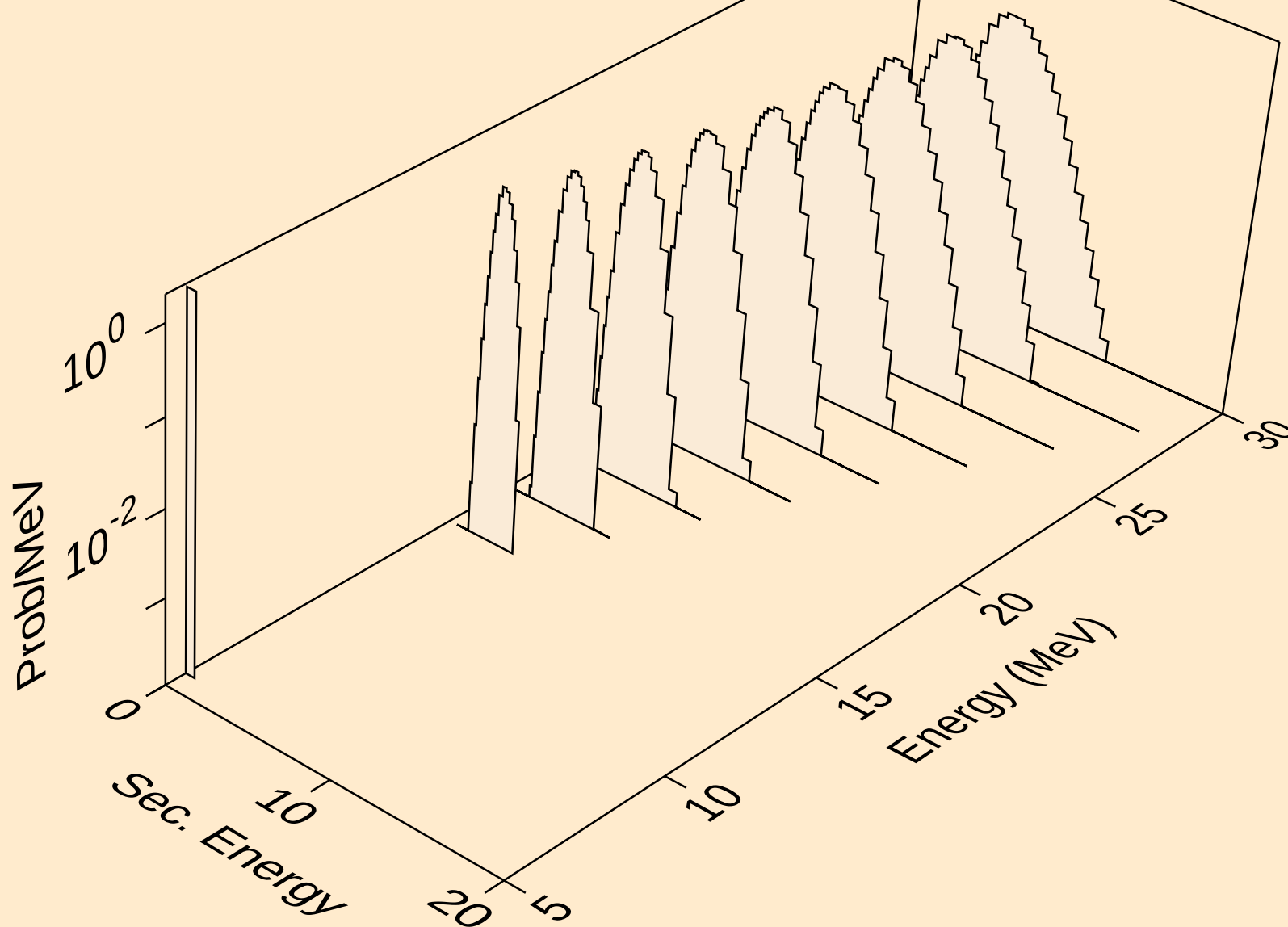
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protons from (n,3np)



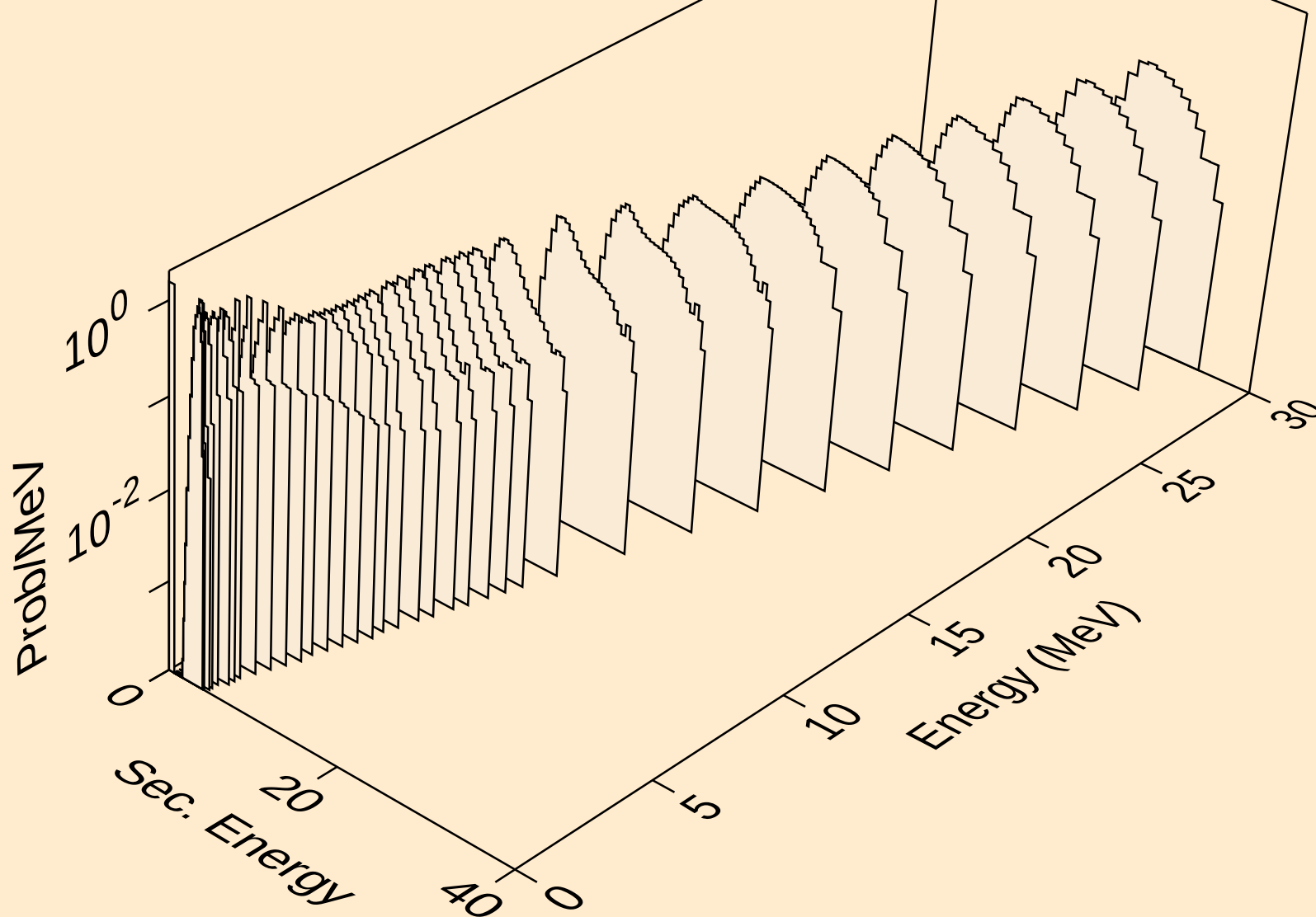
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protons from (n,n2p)



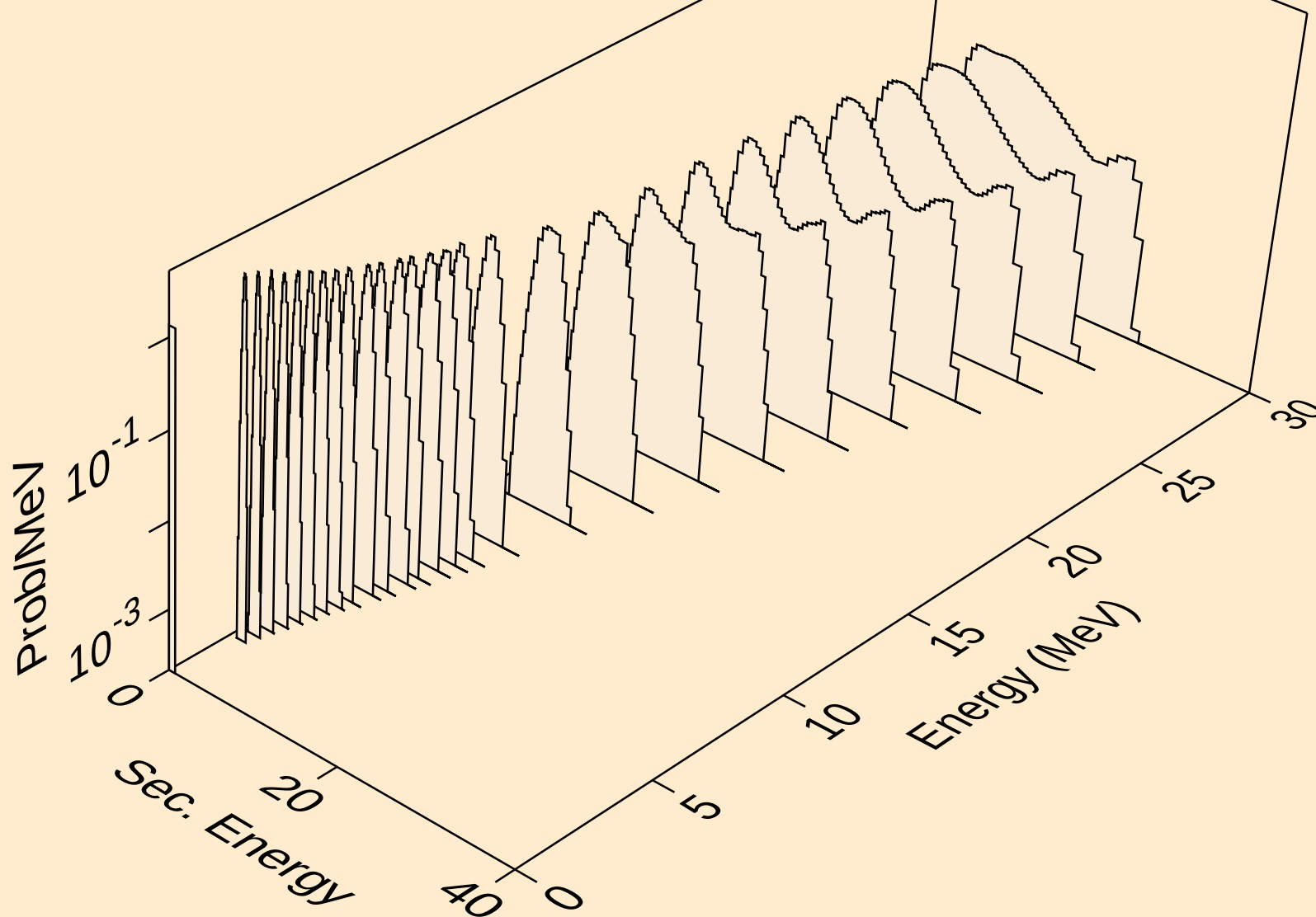
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protons from (n,npa)



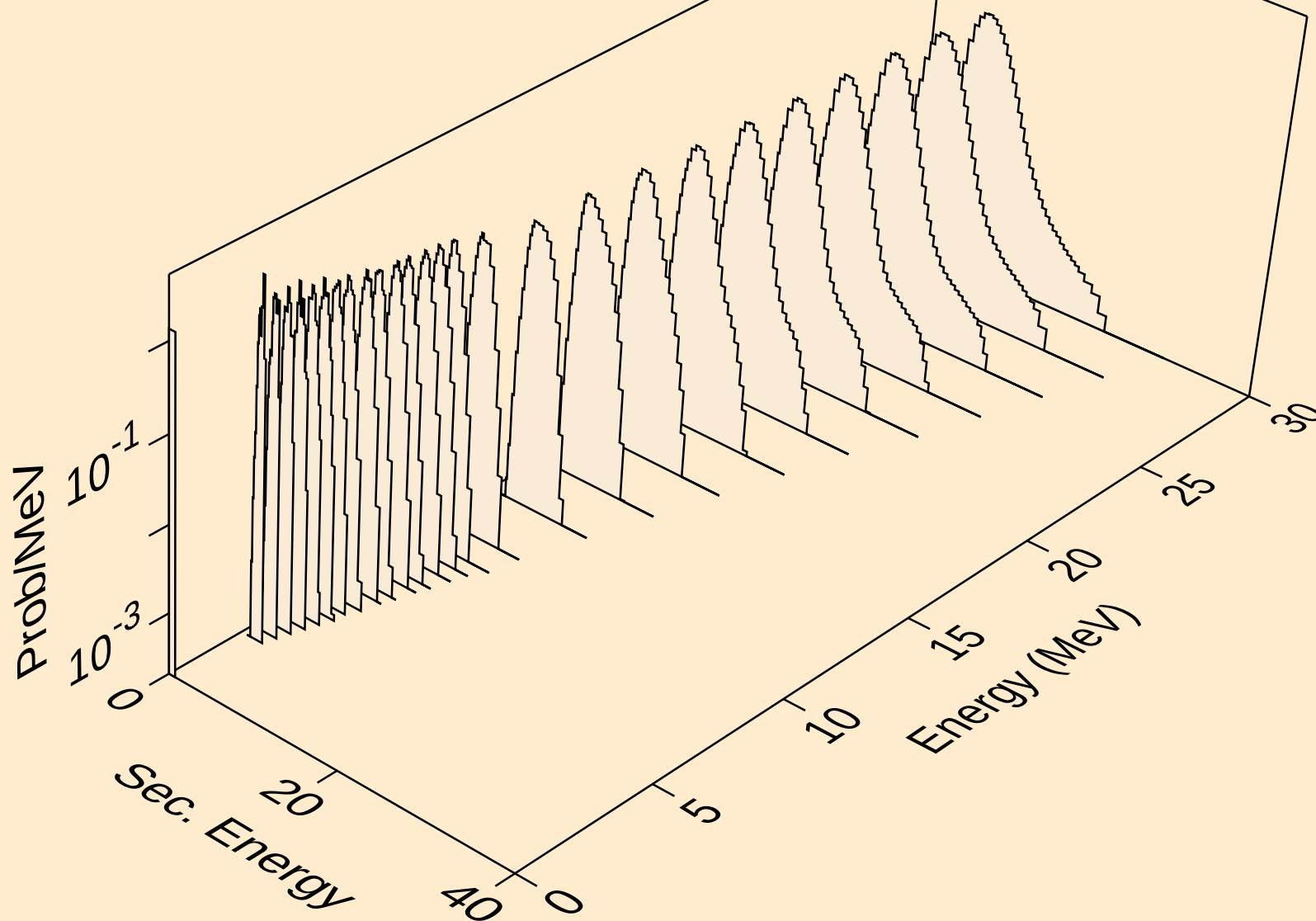
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protons from (n,p)



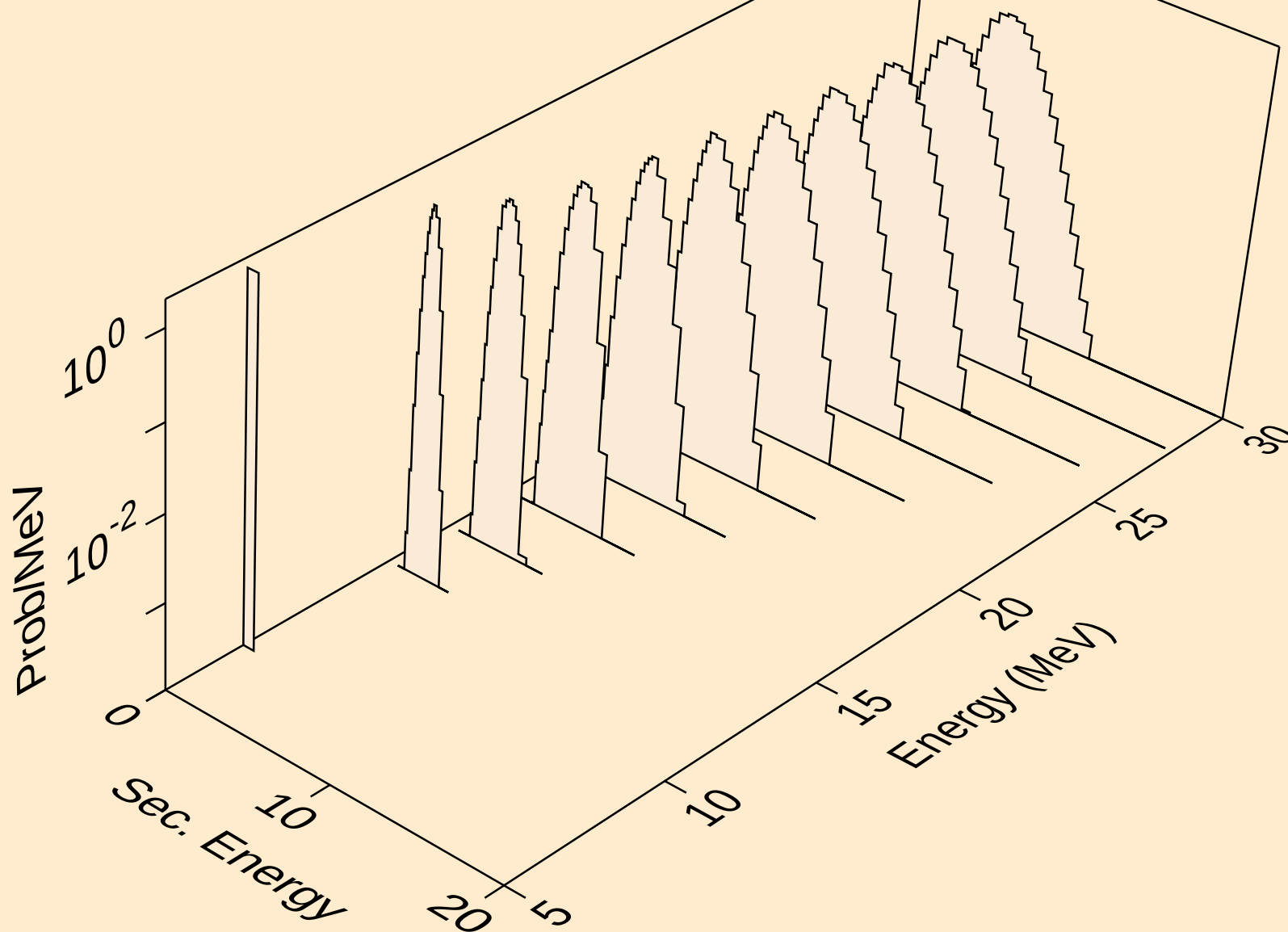
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protons from (n,2p)



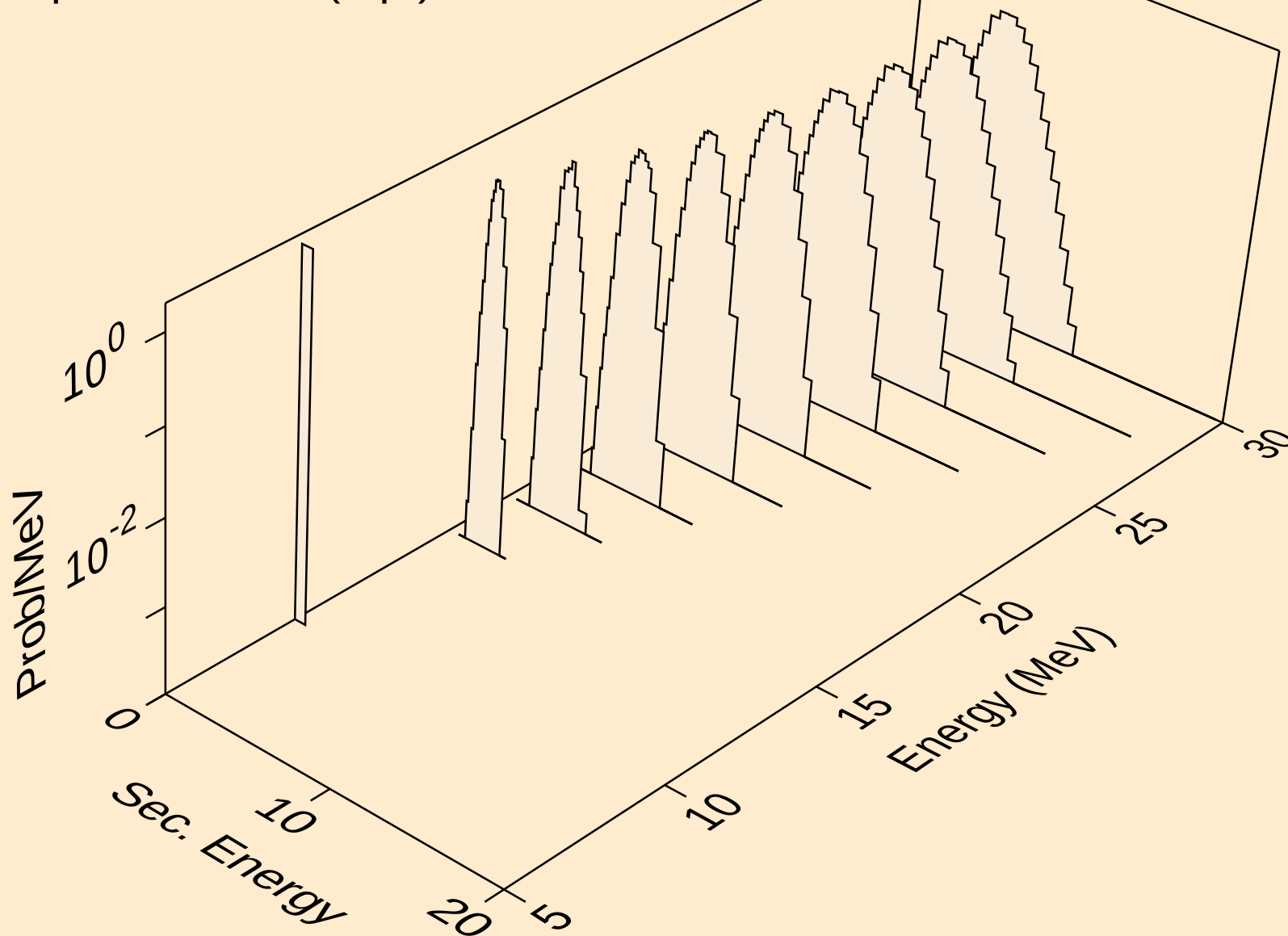
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protons from (n,p)



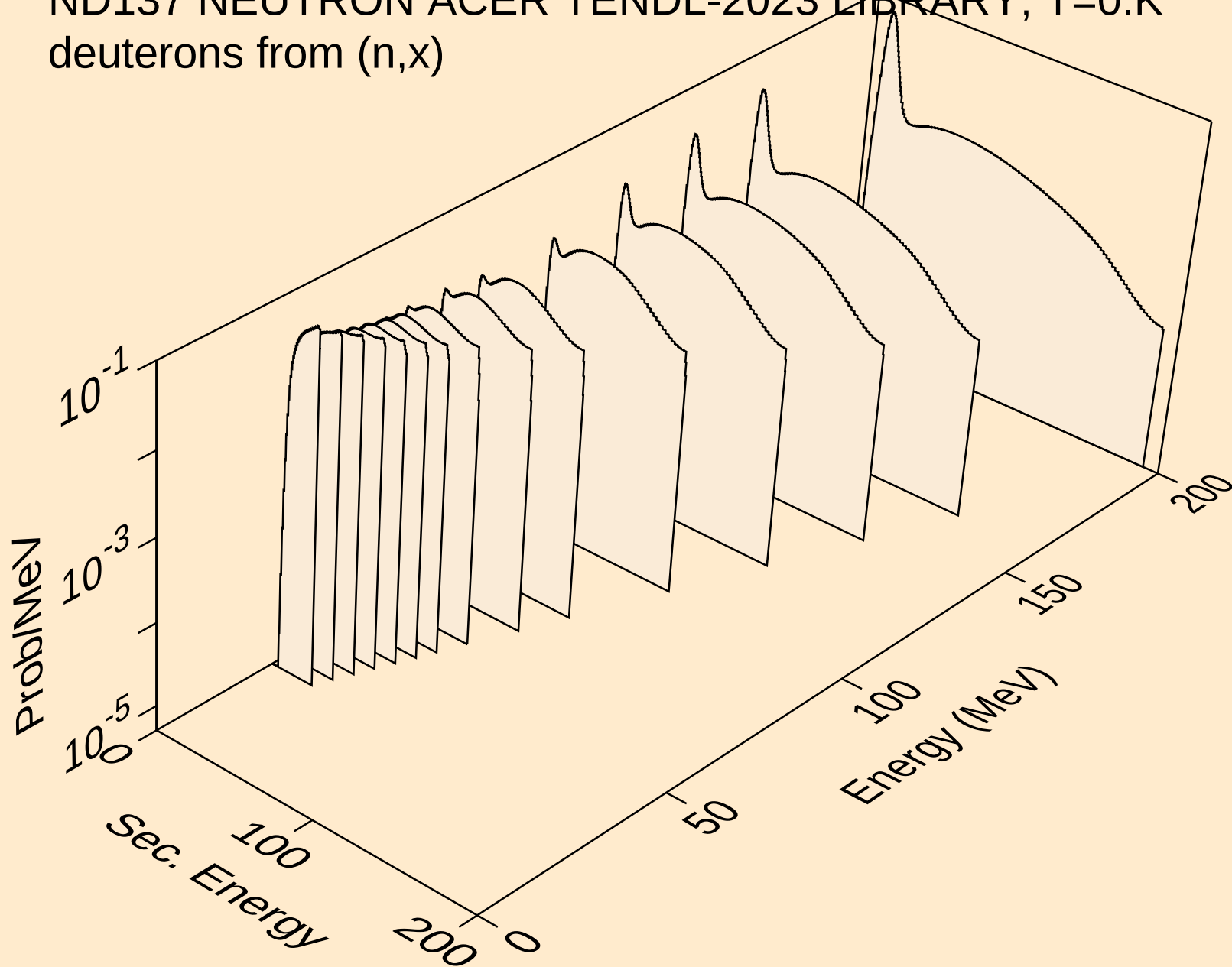
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pd)



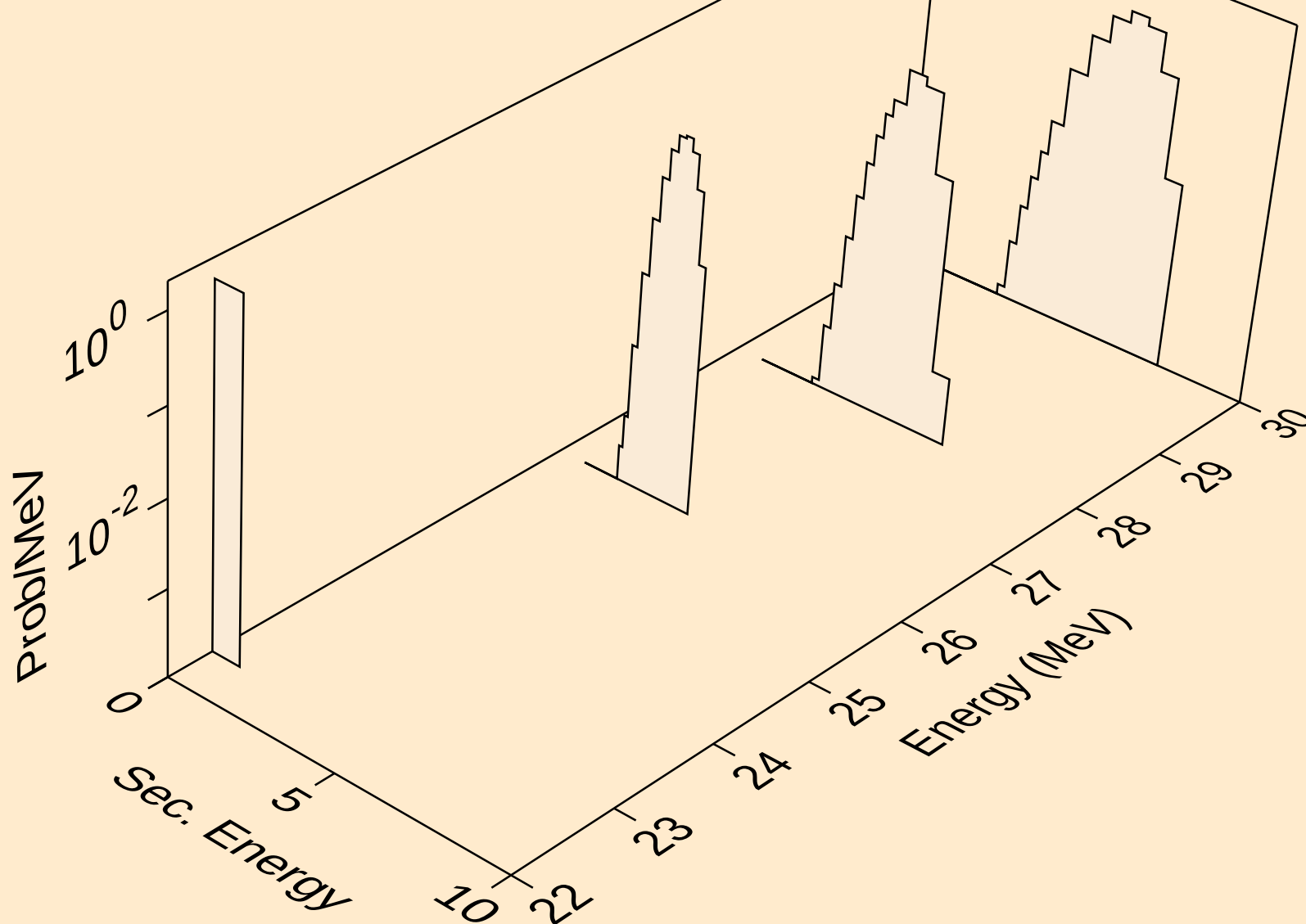
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protons from (n,pt)



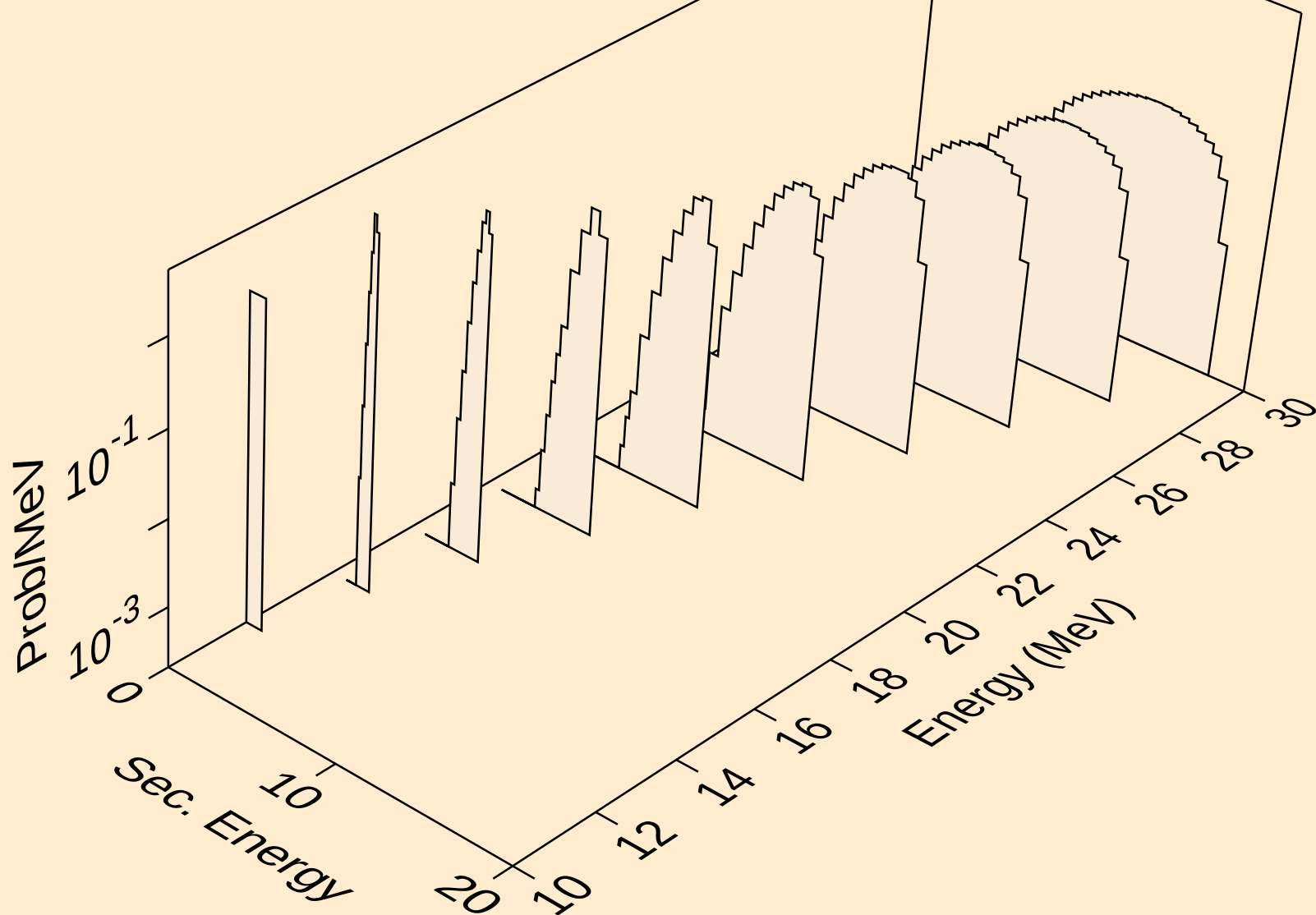
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



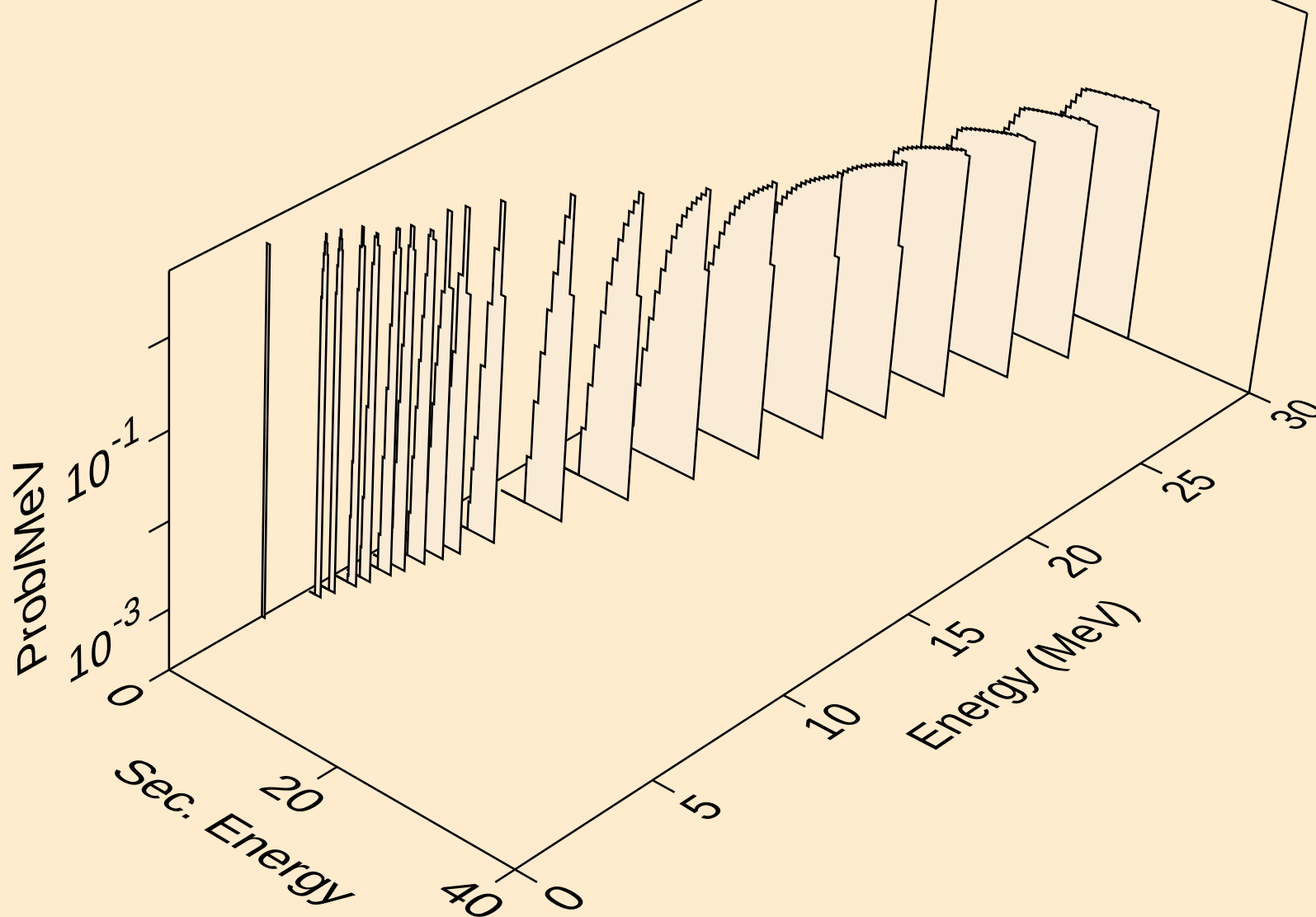
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deuterons from (n,2nd)



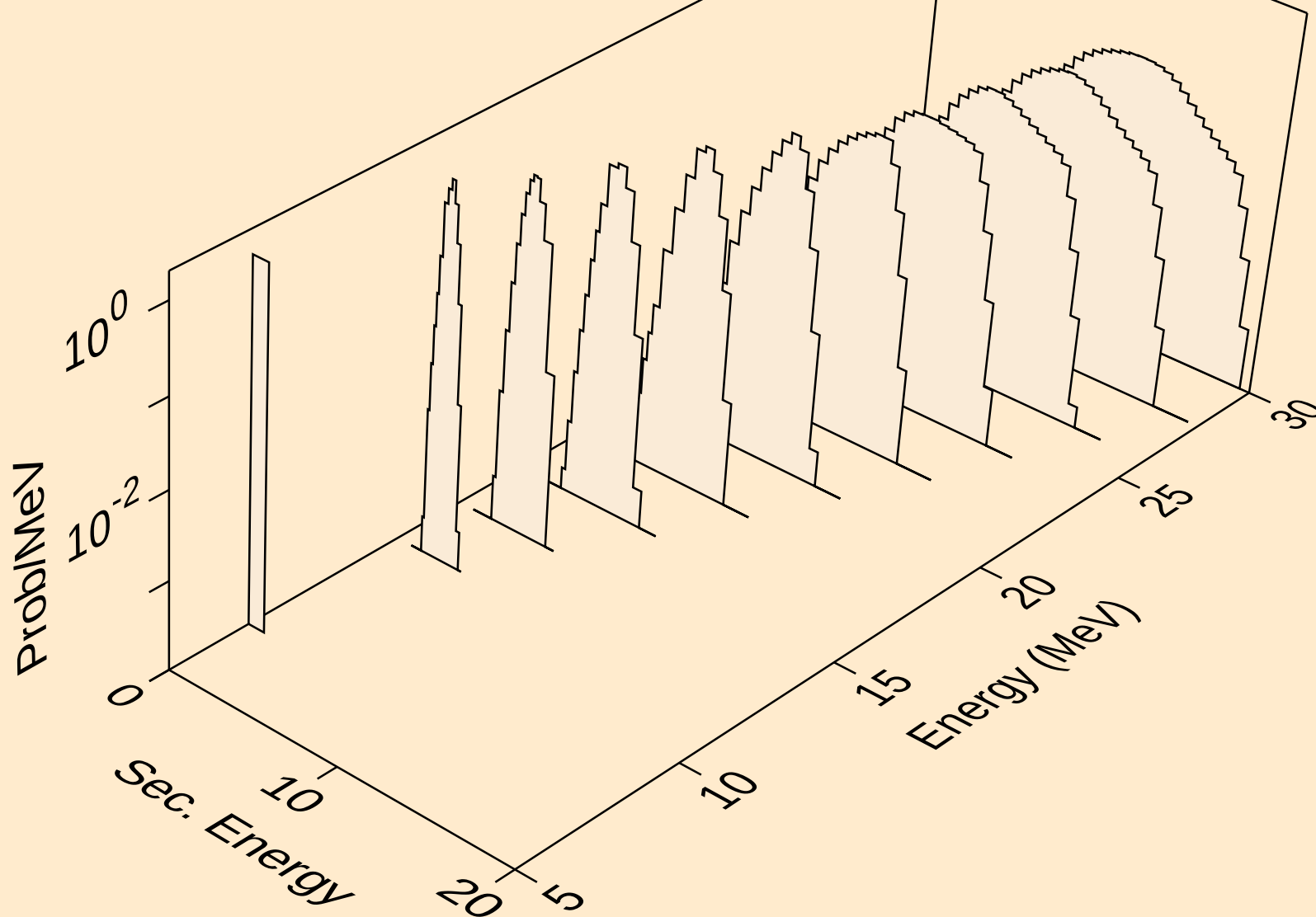
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



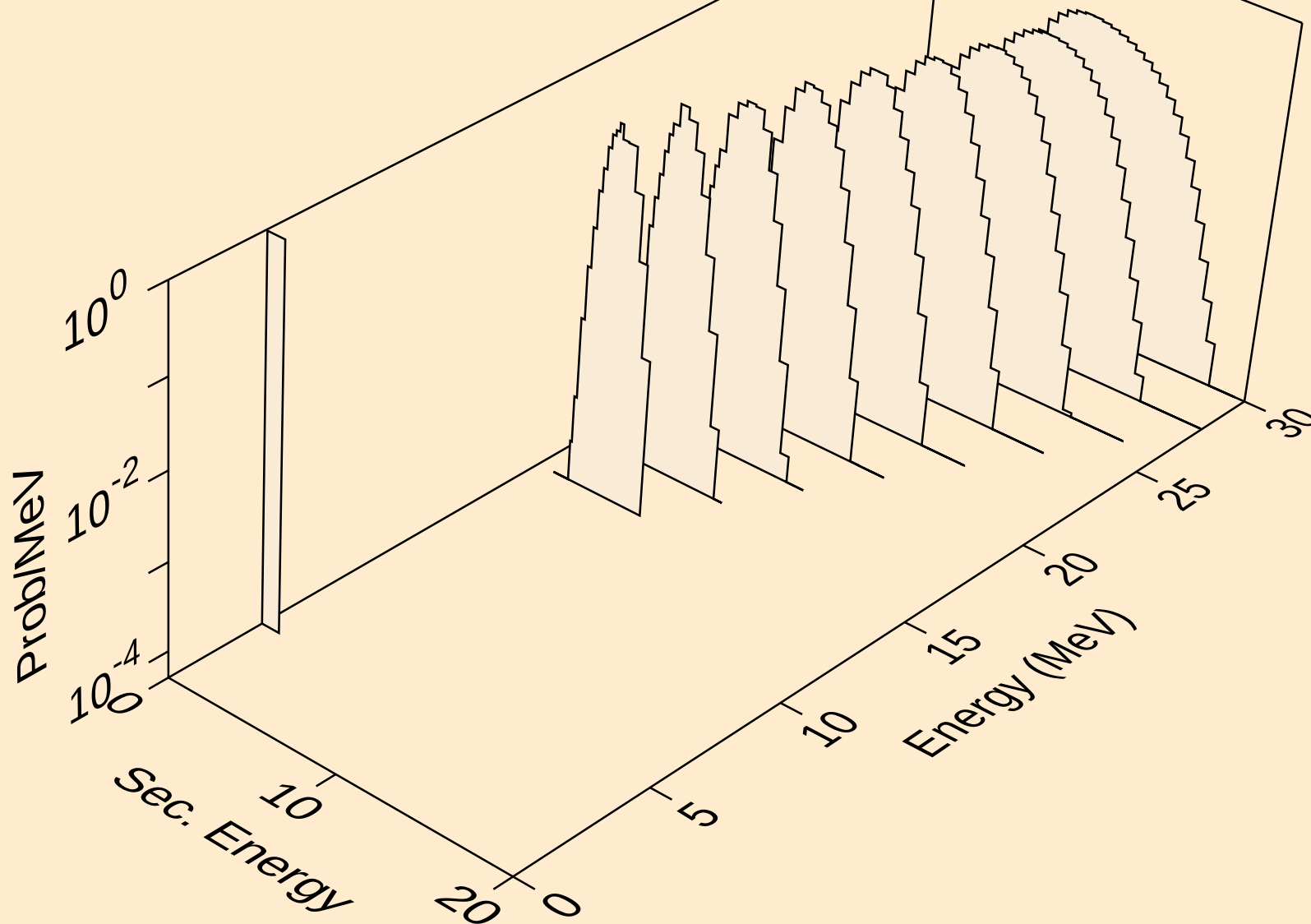
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,d)



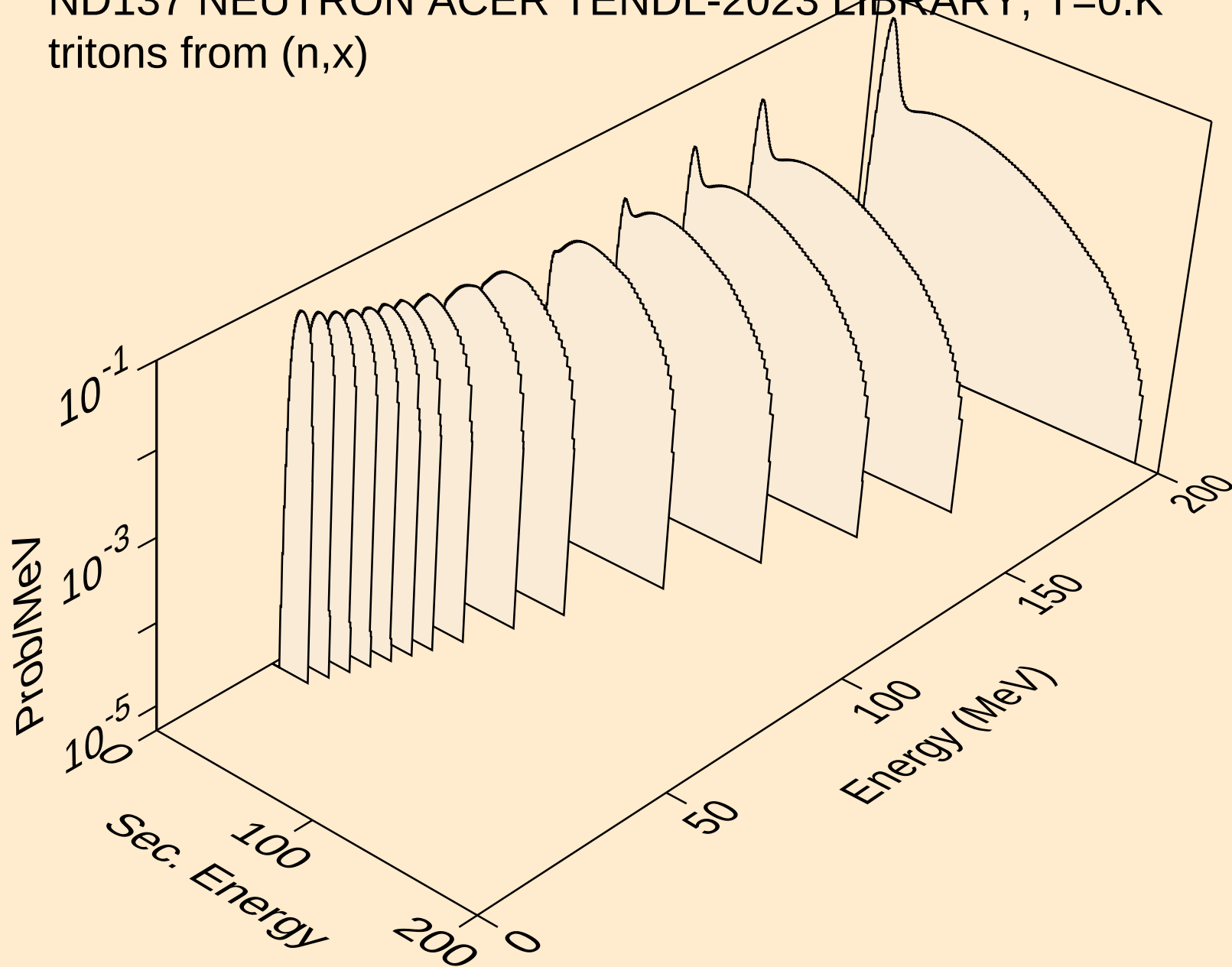
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,pd)



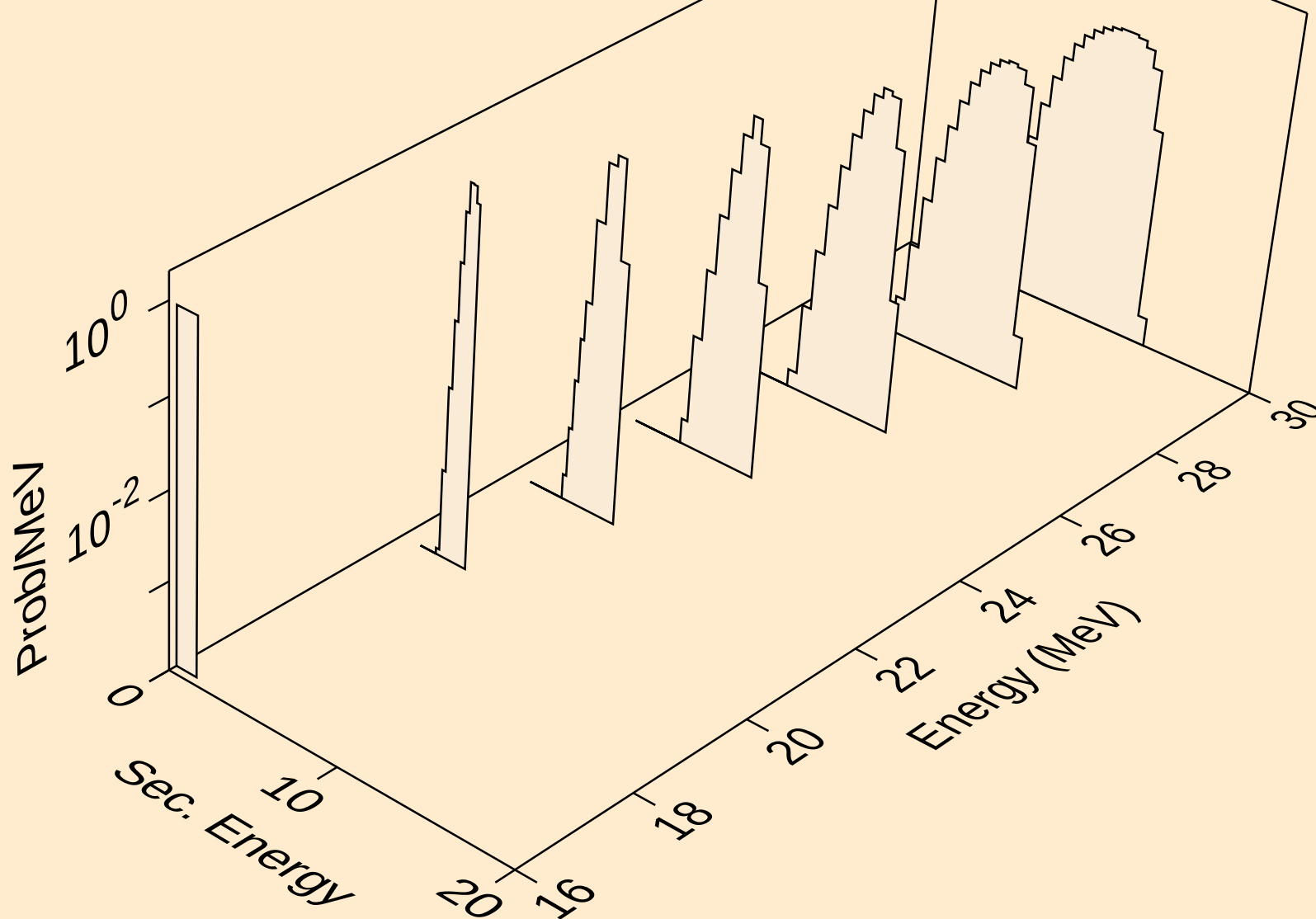
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deuterons from (n,da)



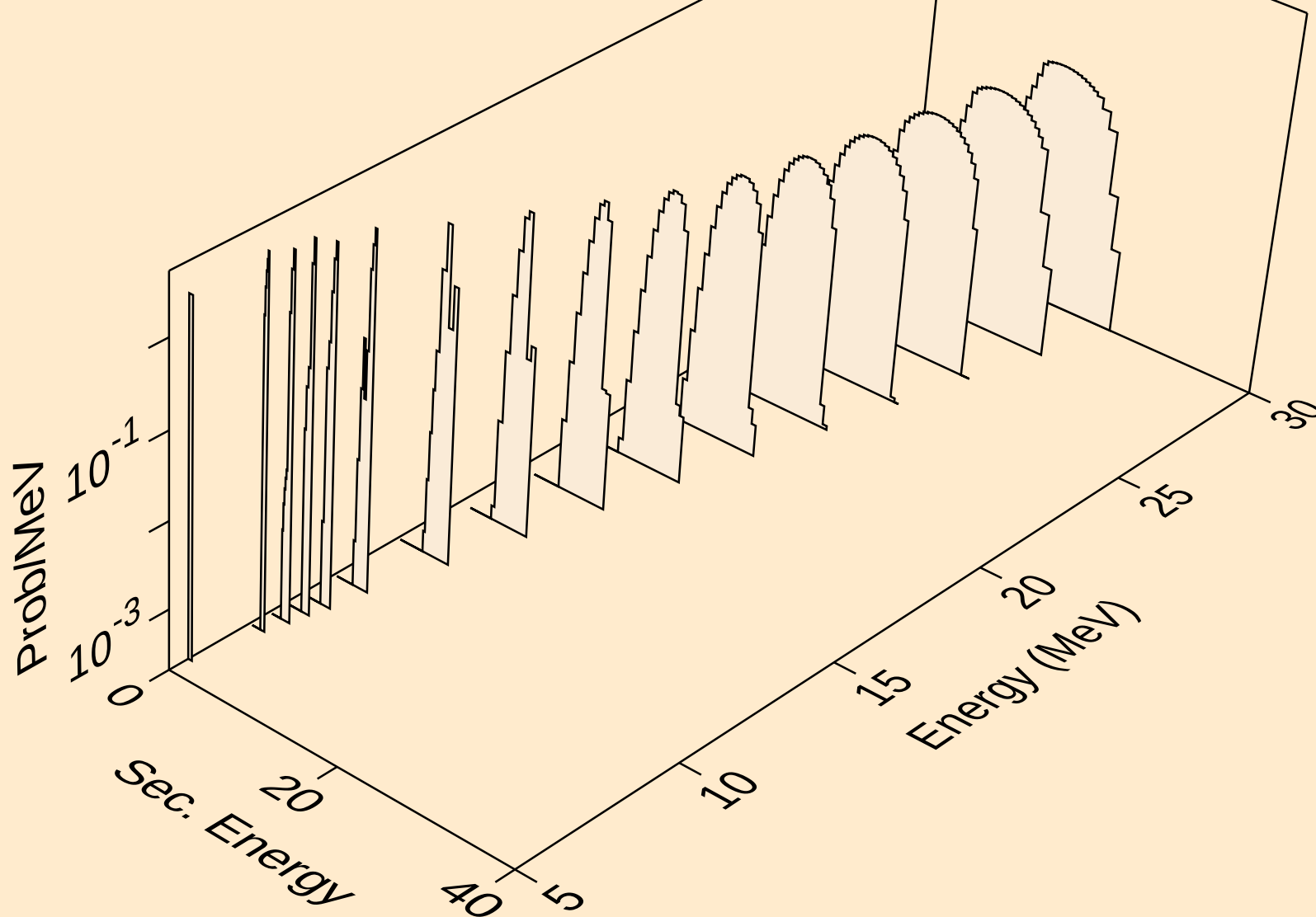
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



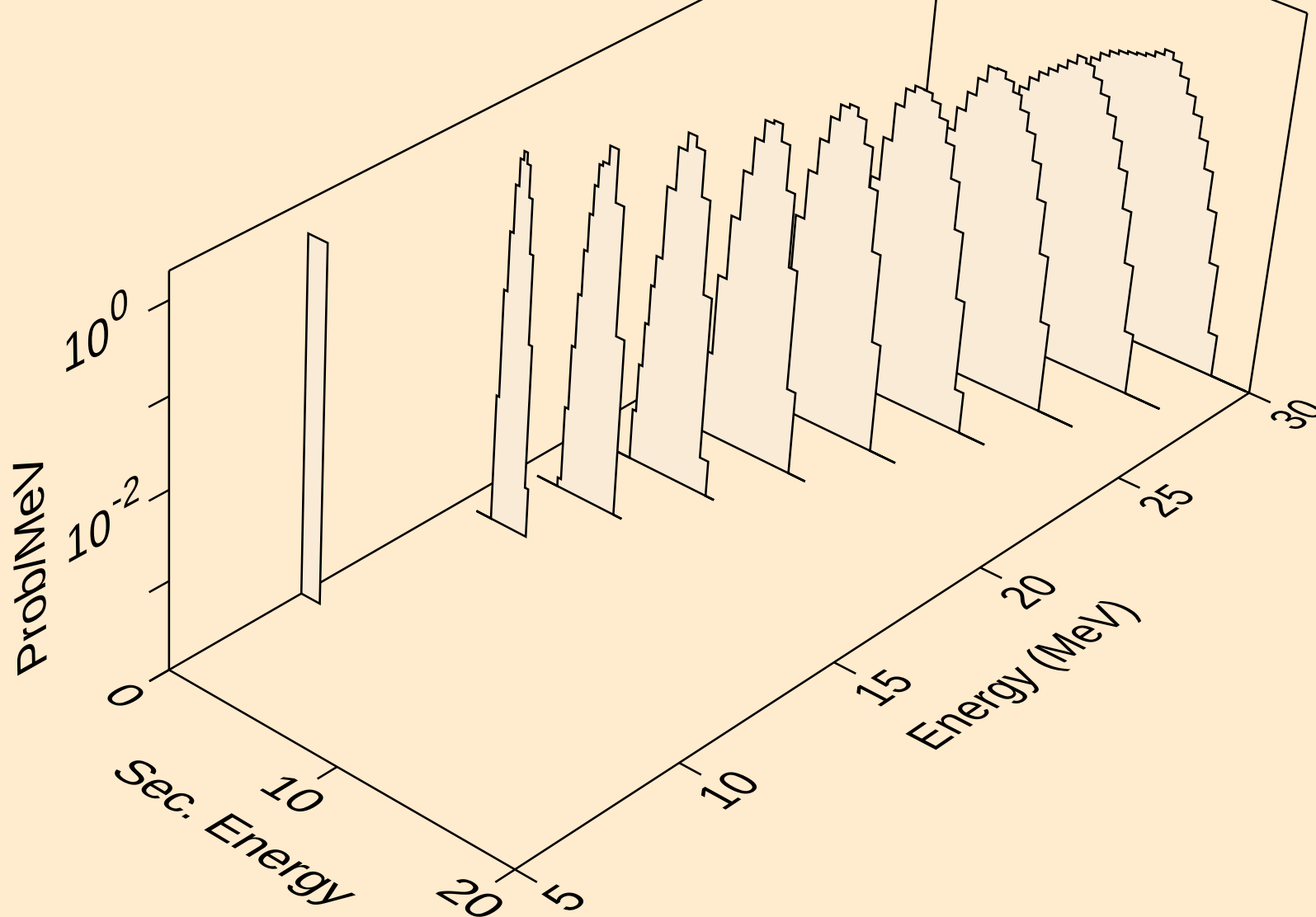
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



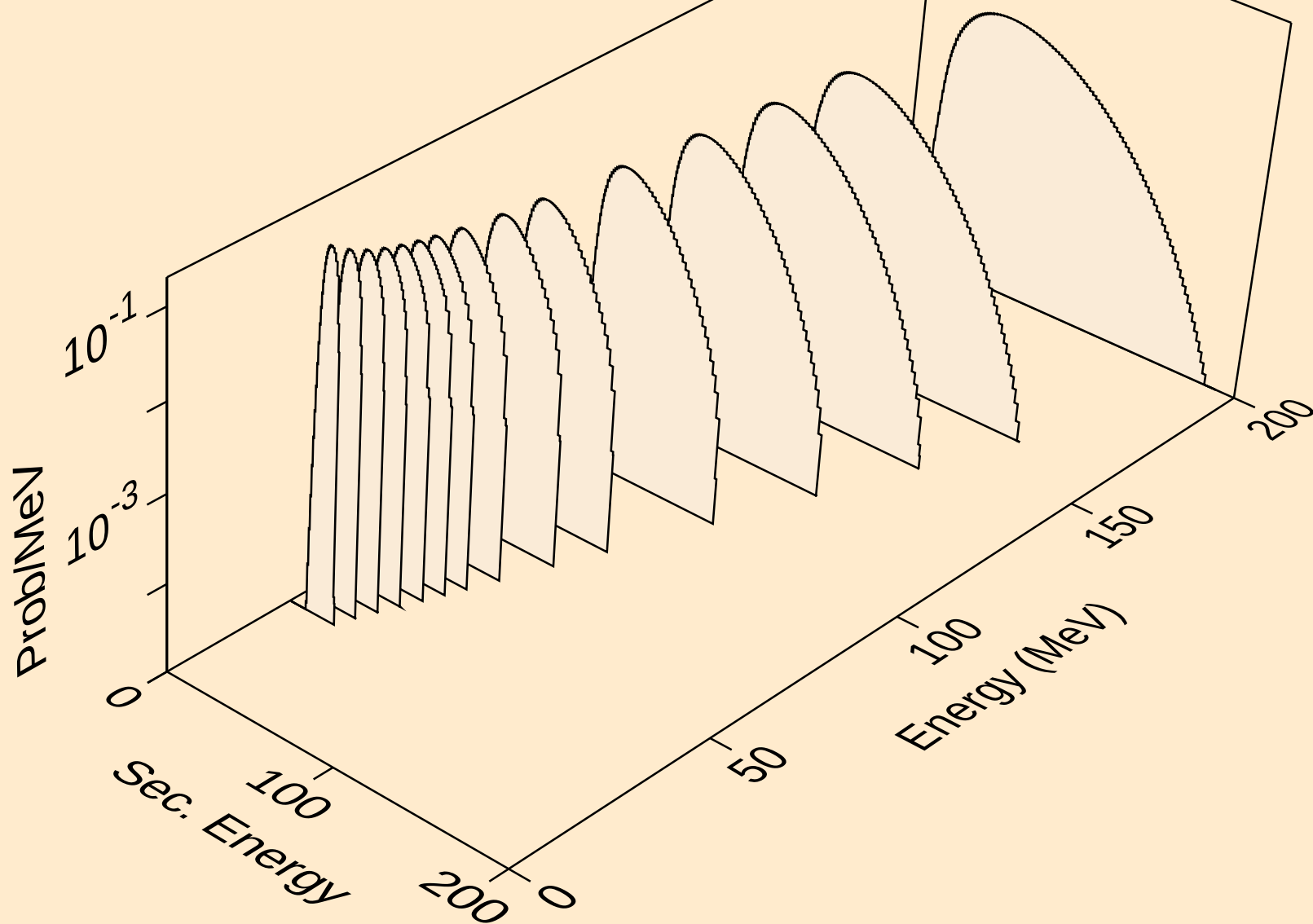
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,t)



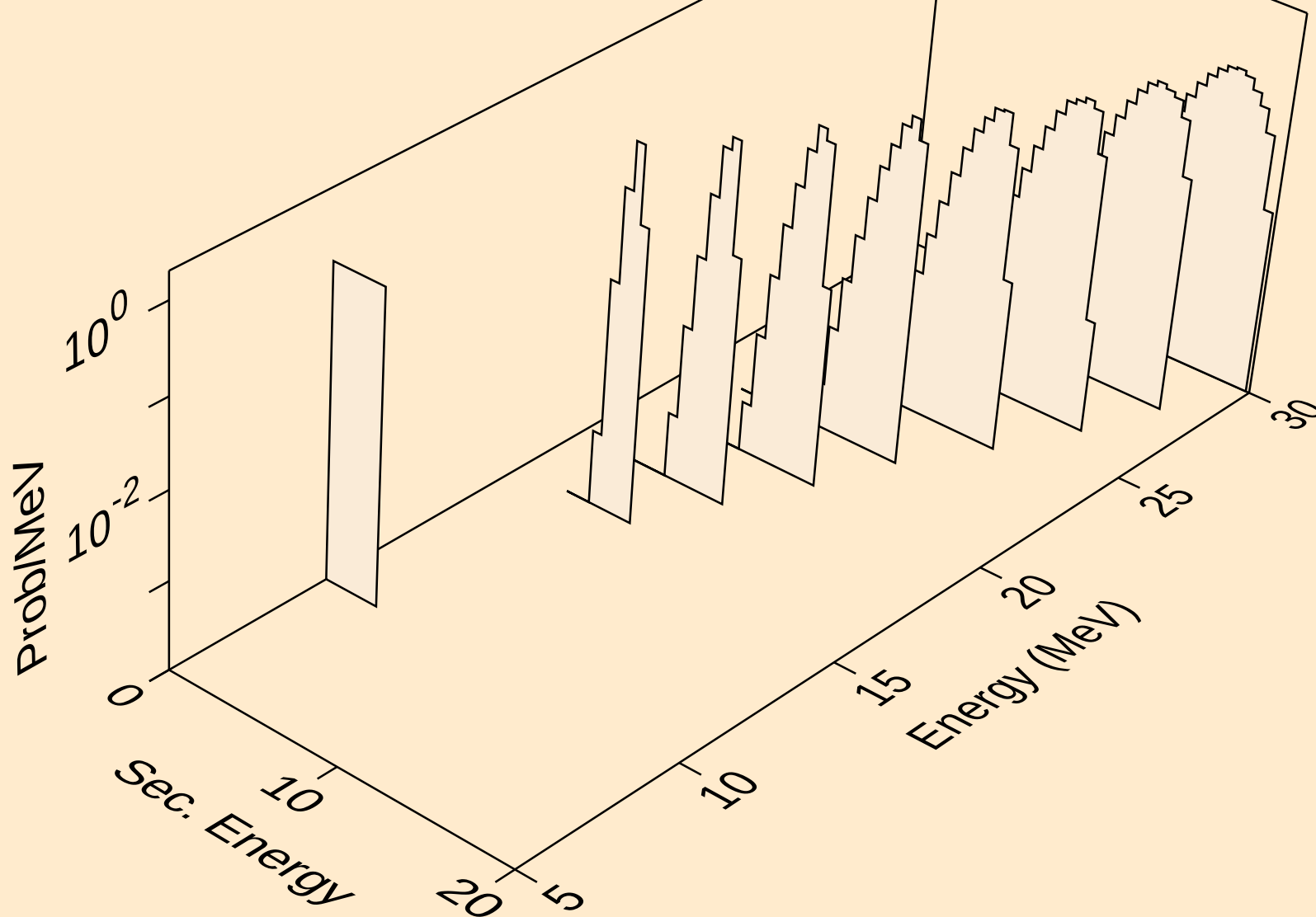
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,pt)



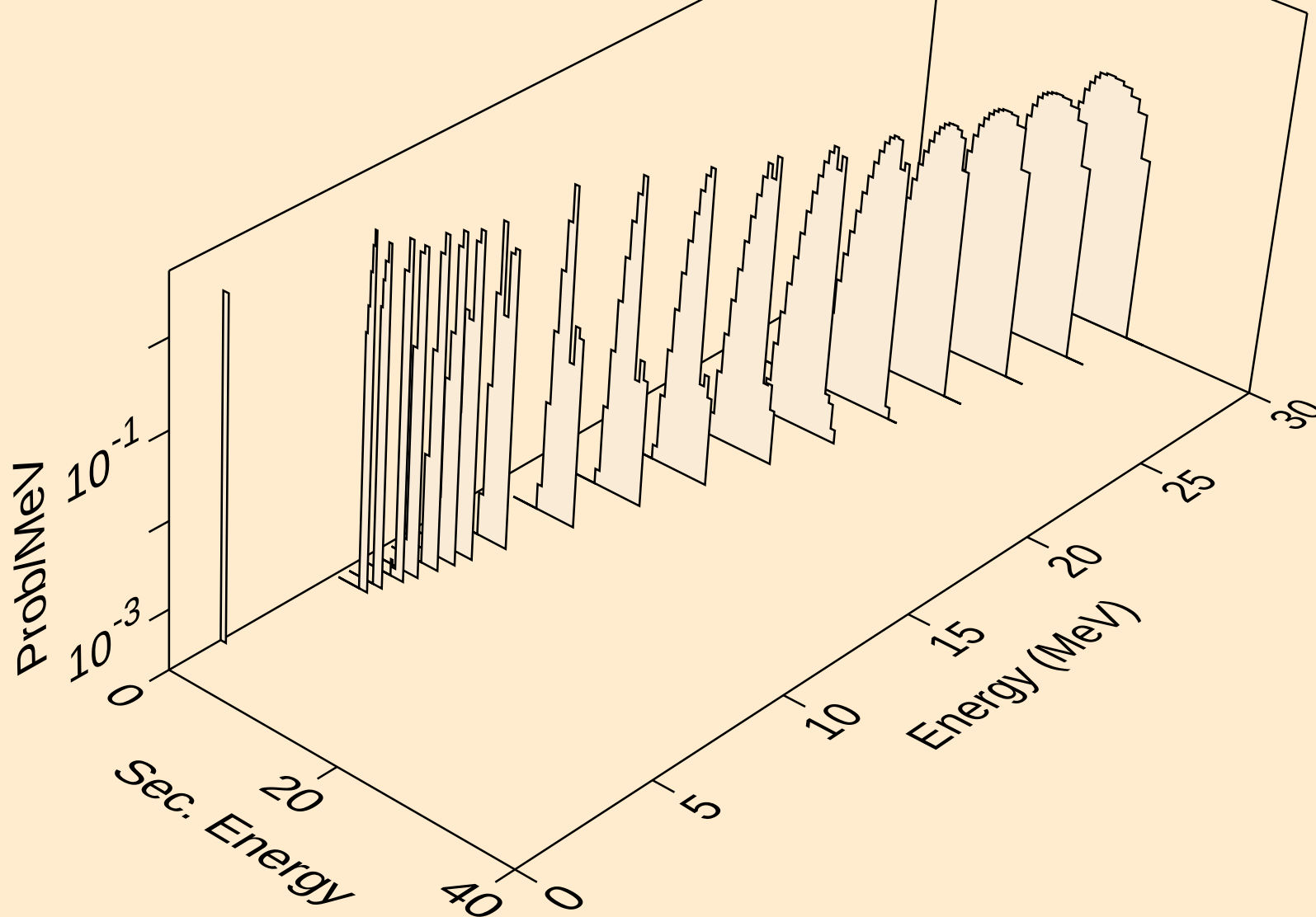
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



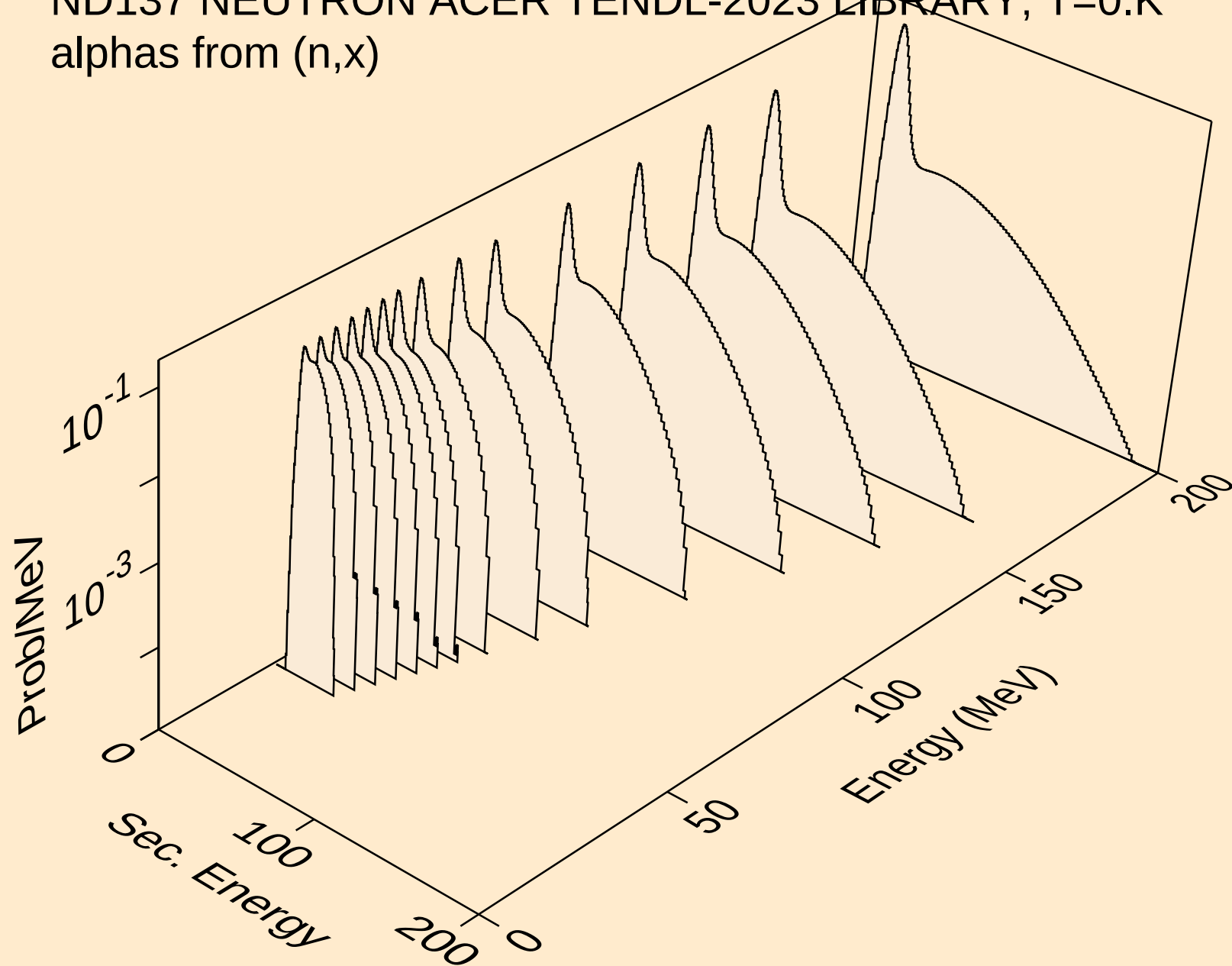
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,n*)he3



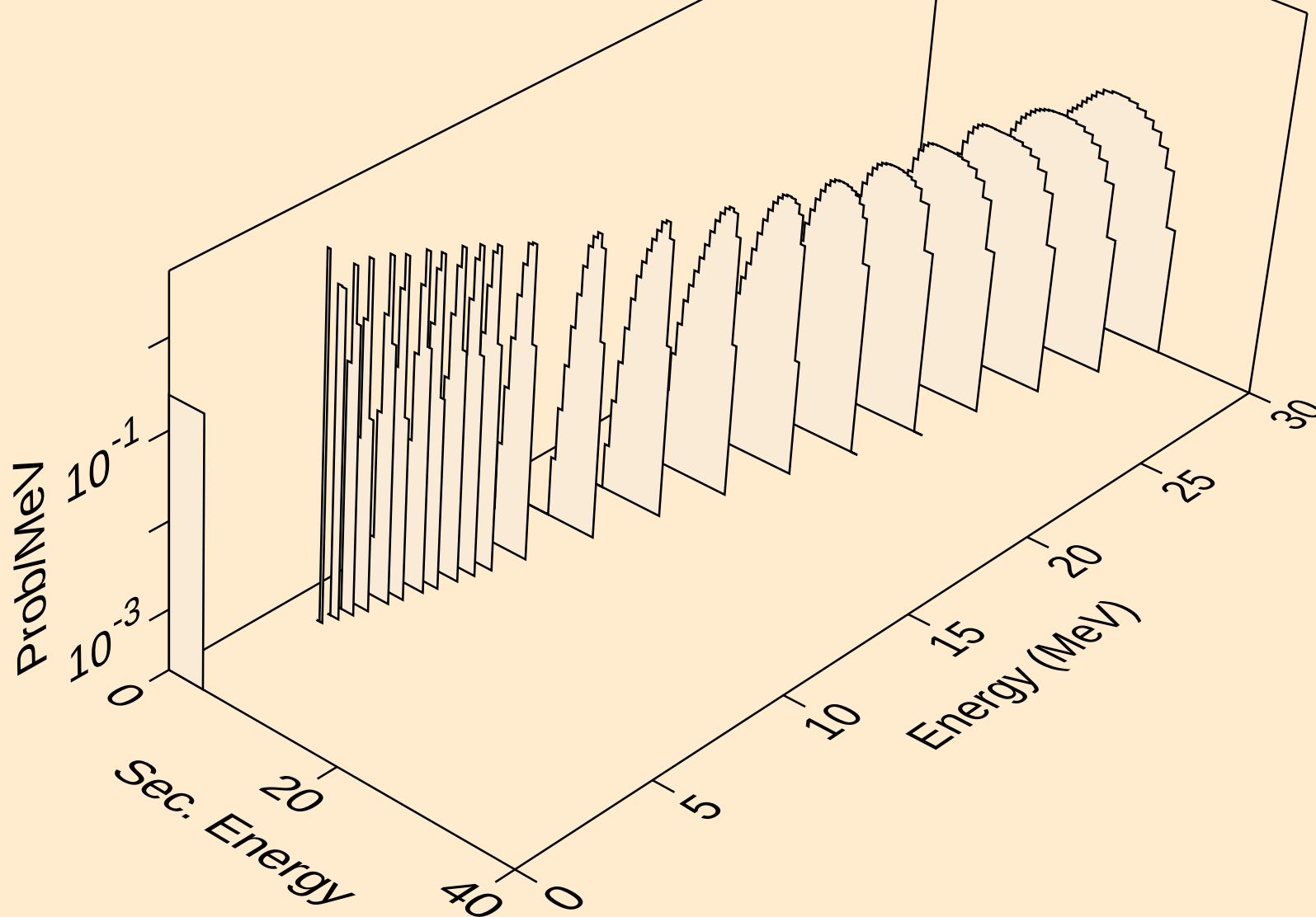
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,he3)



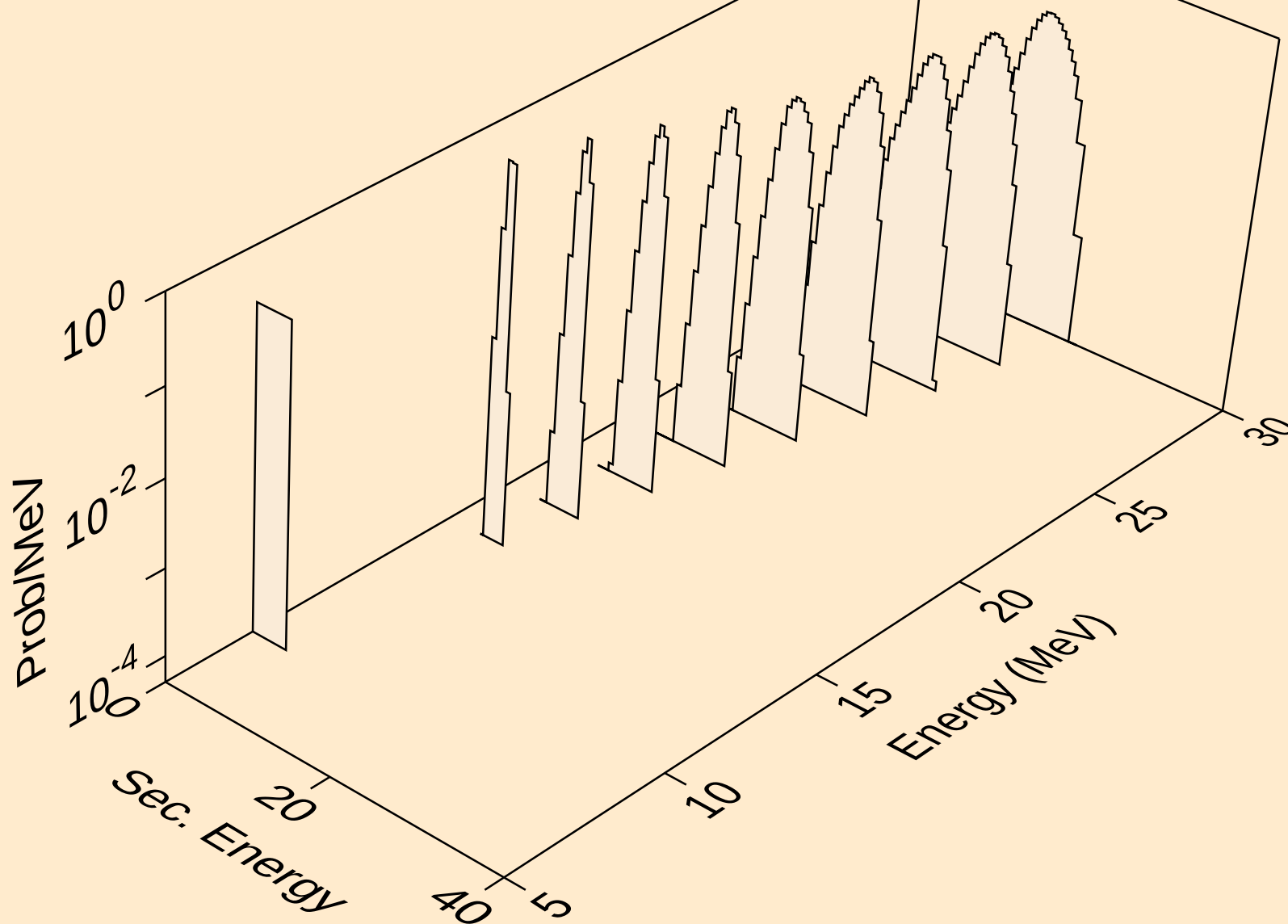
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



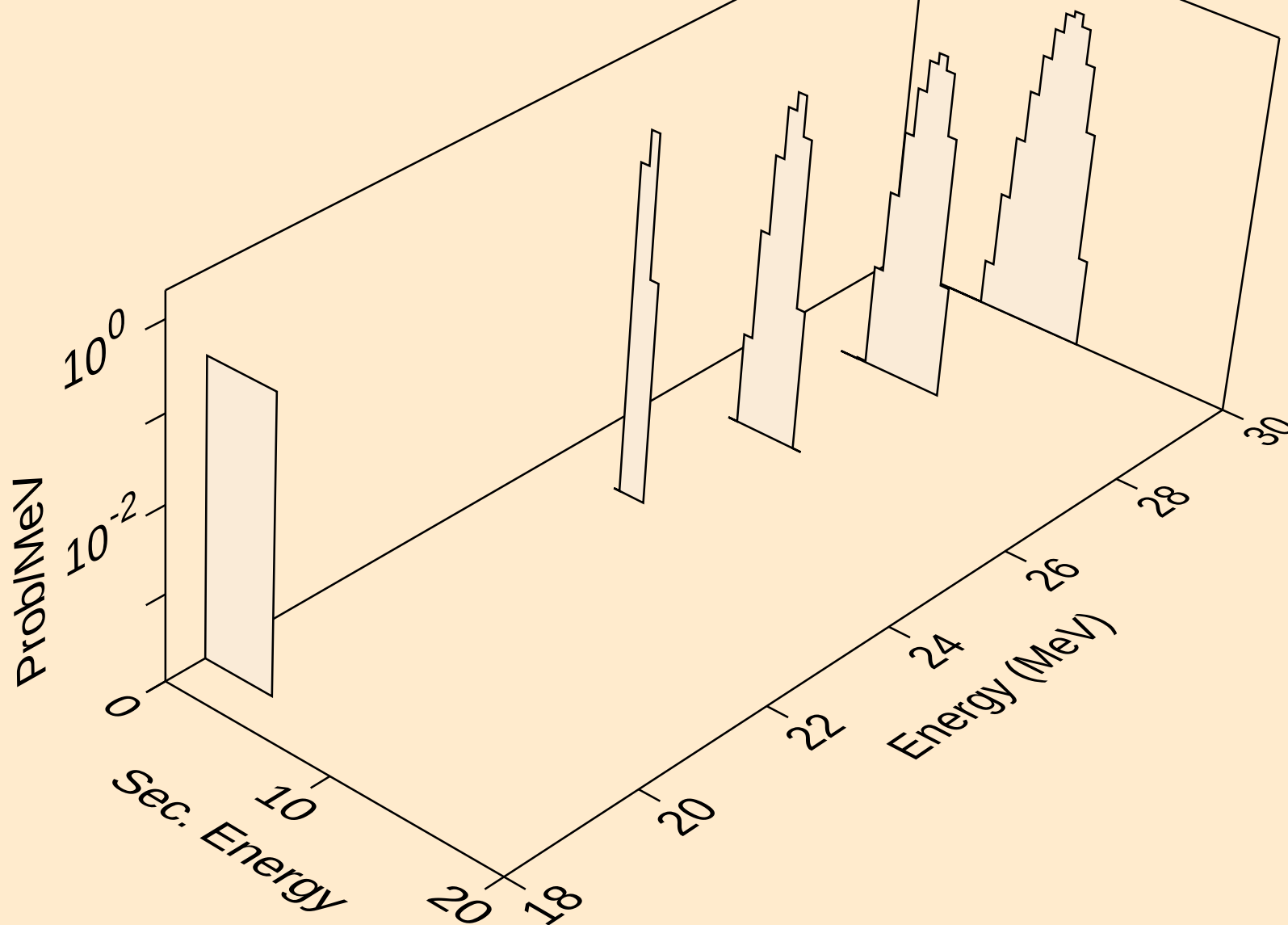
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



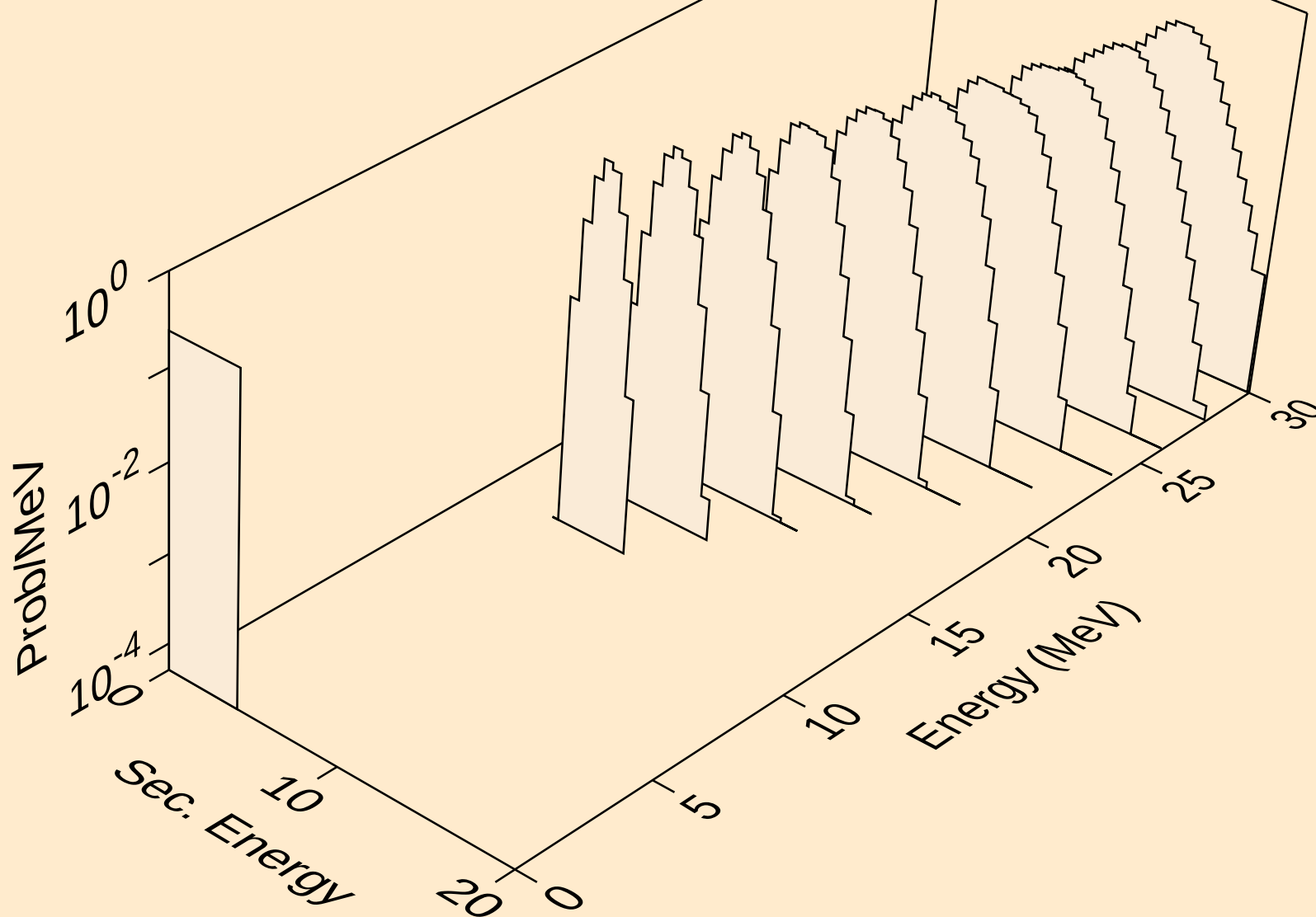
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



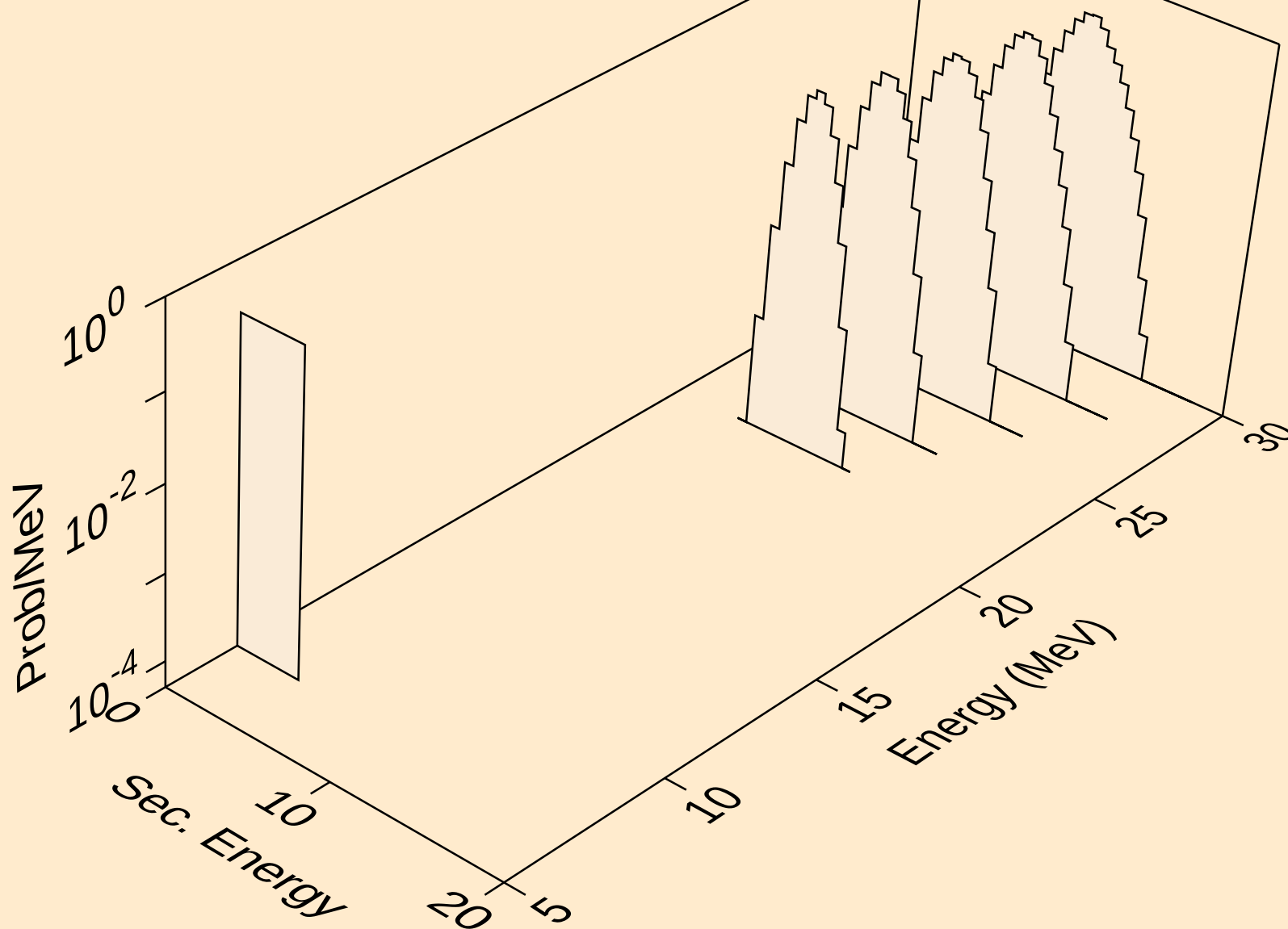
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



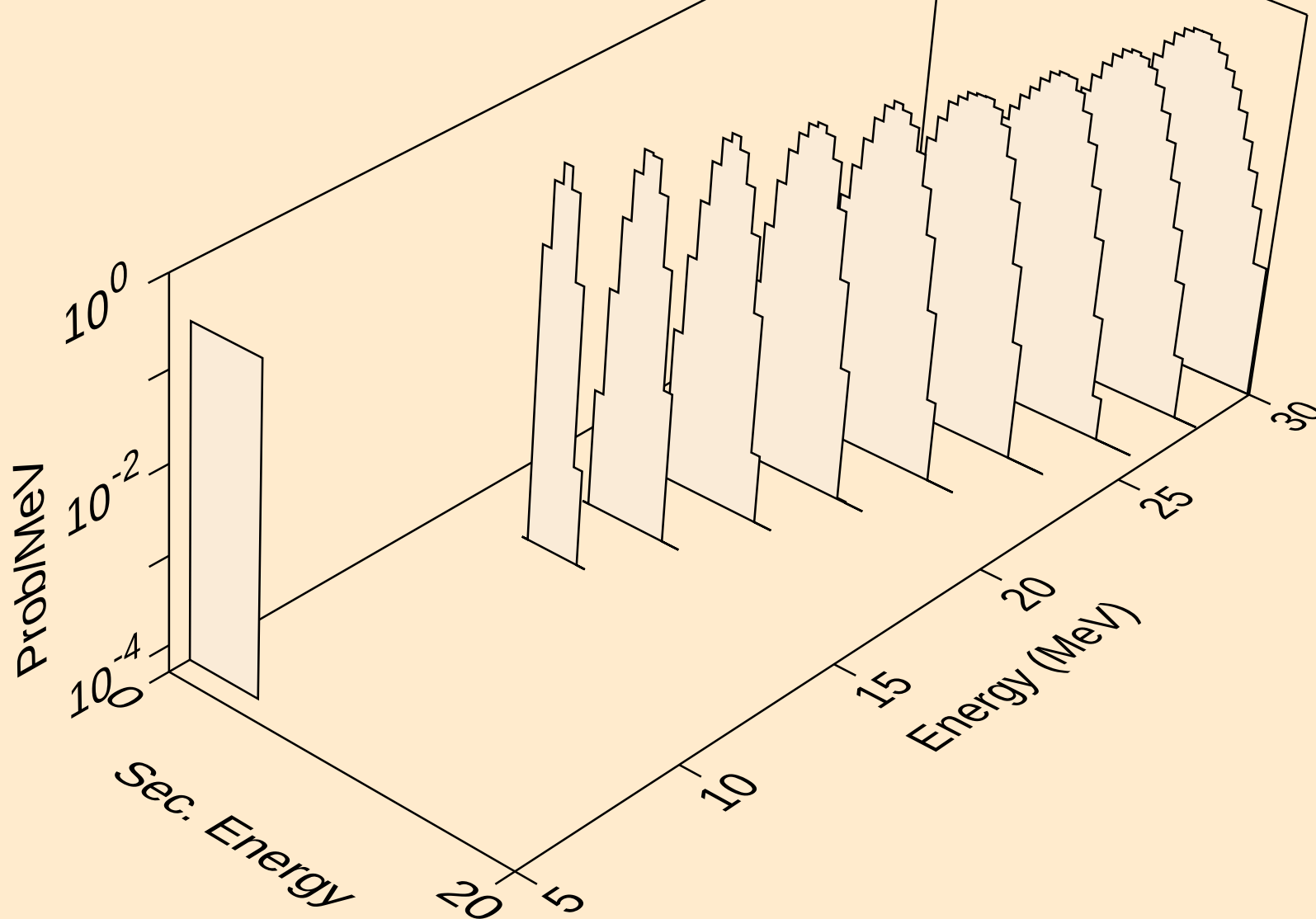
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)2a



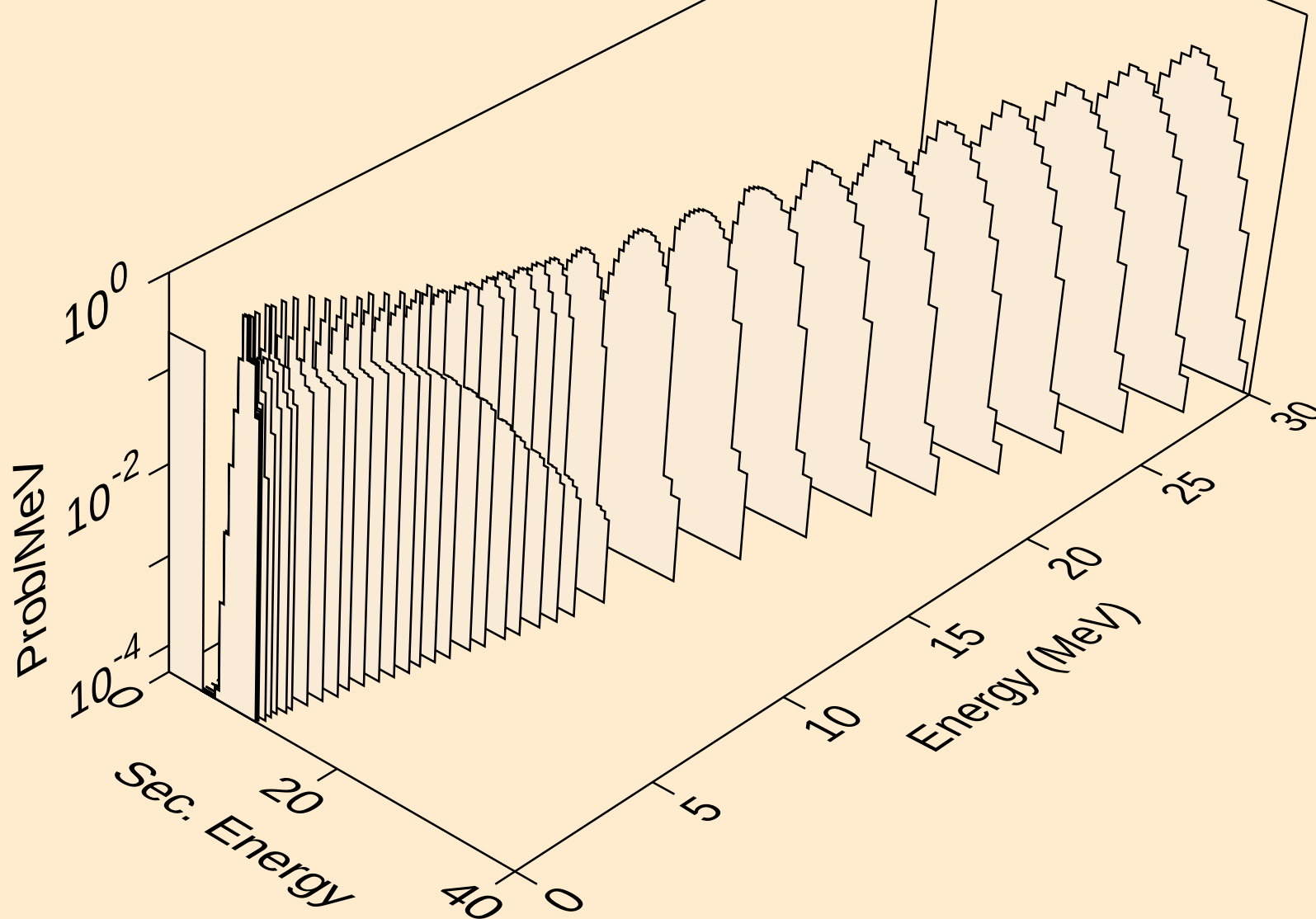
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)2a



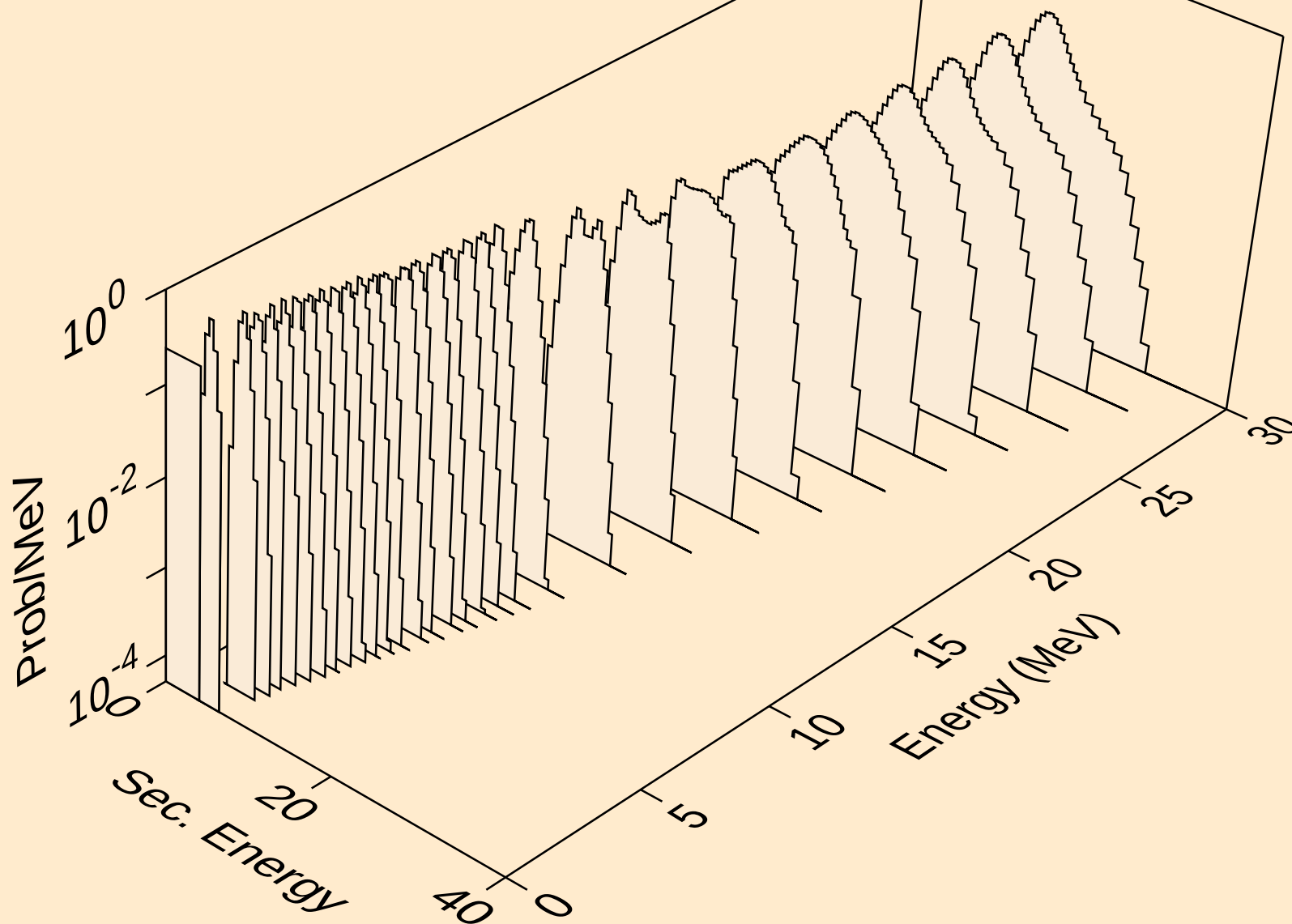
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,npa)



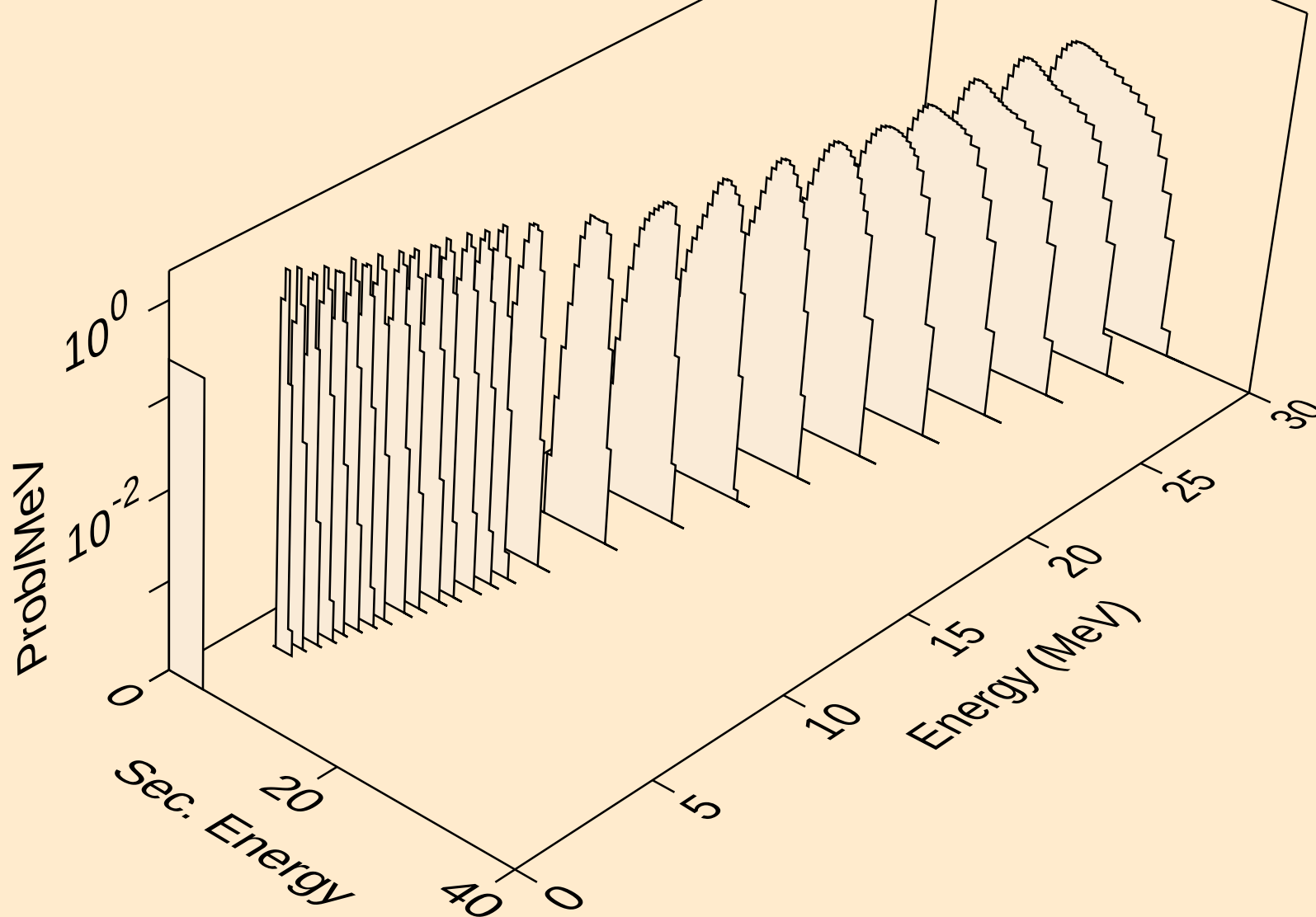
ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)



ND137 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

