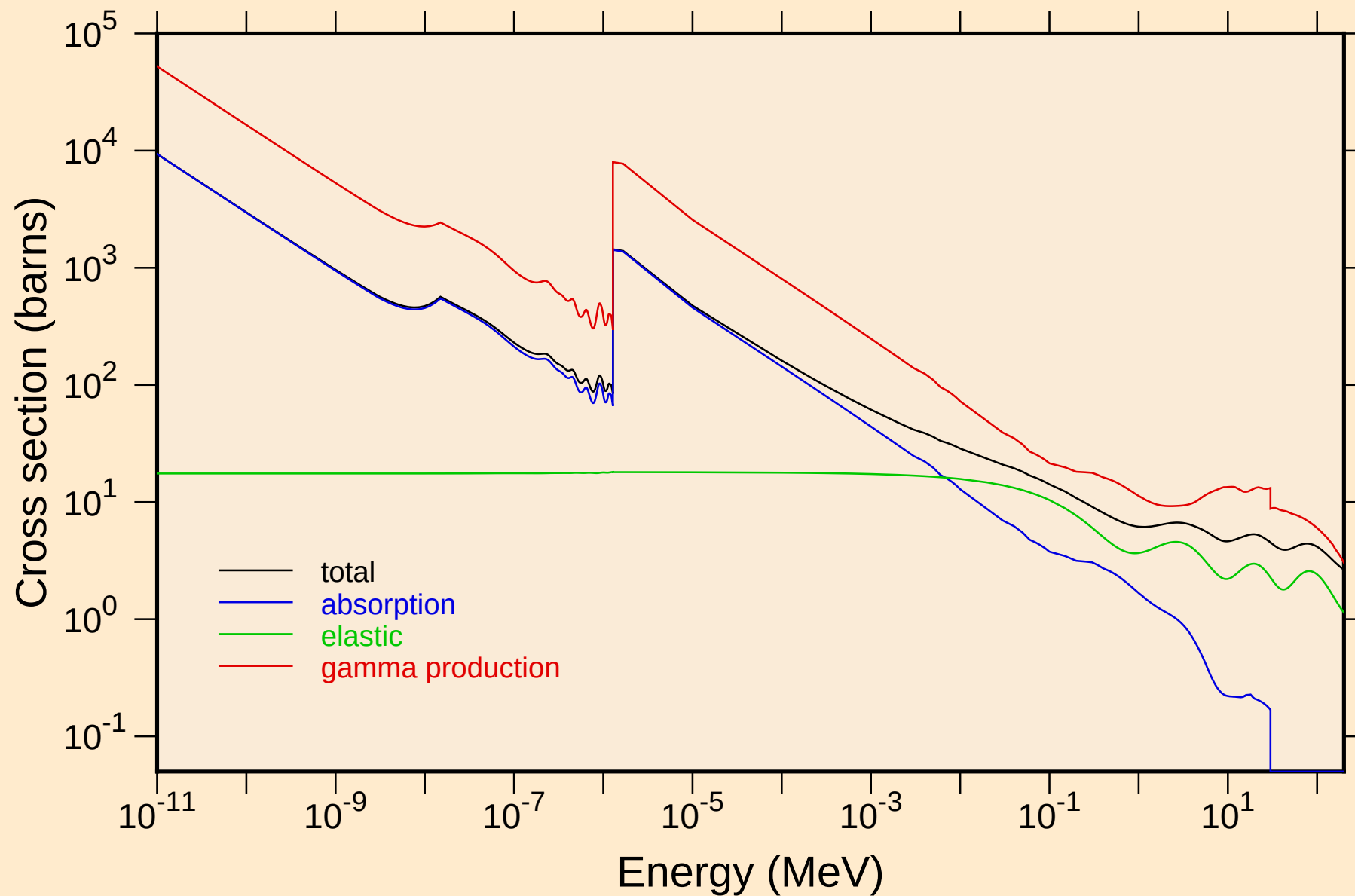


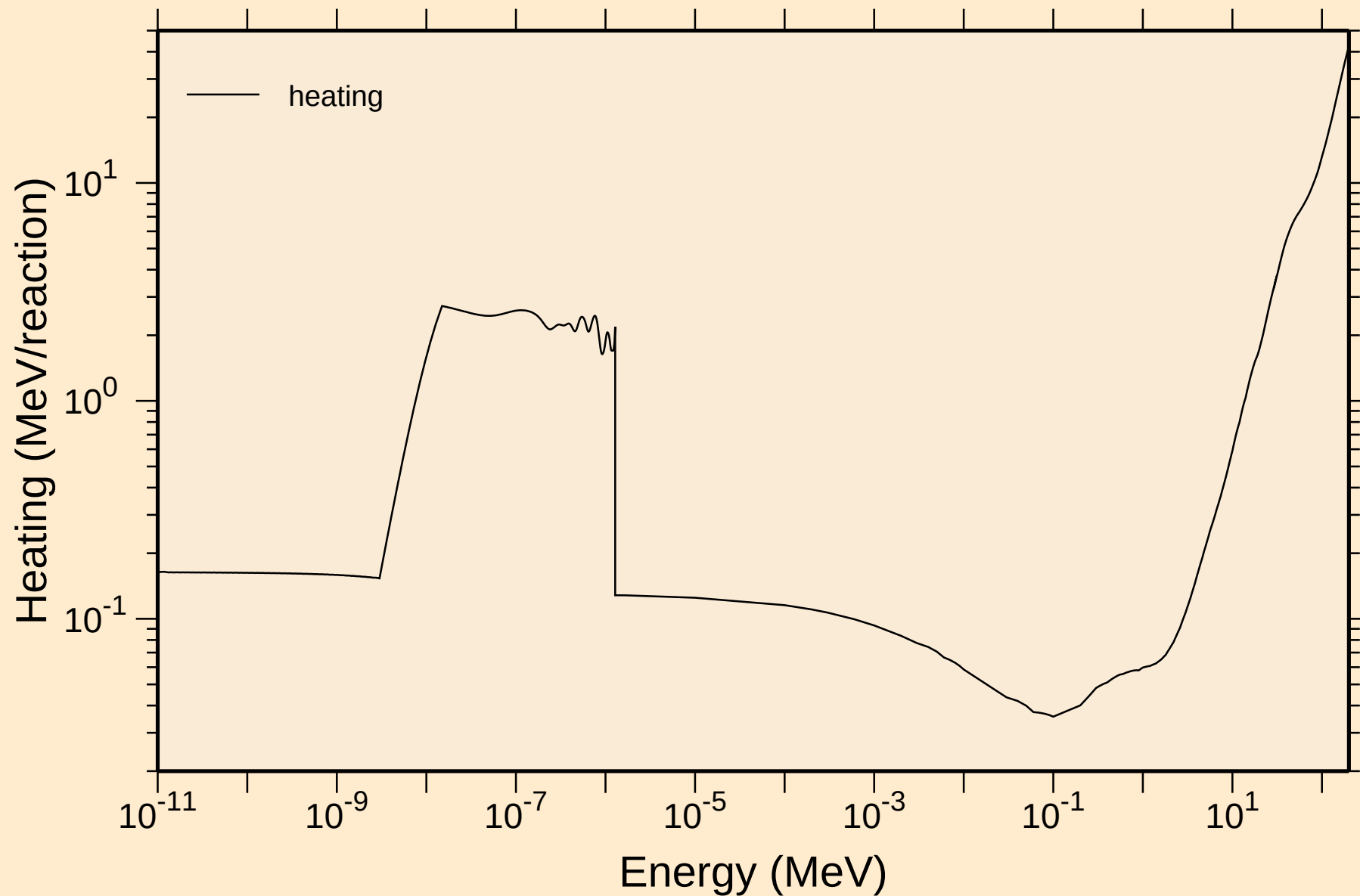
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



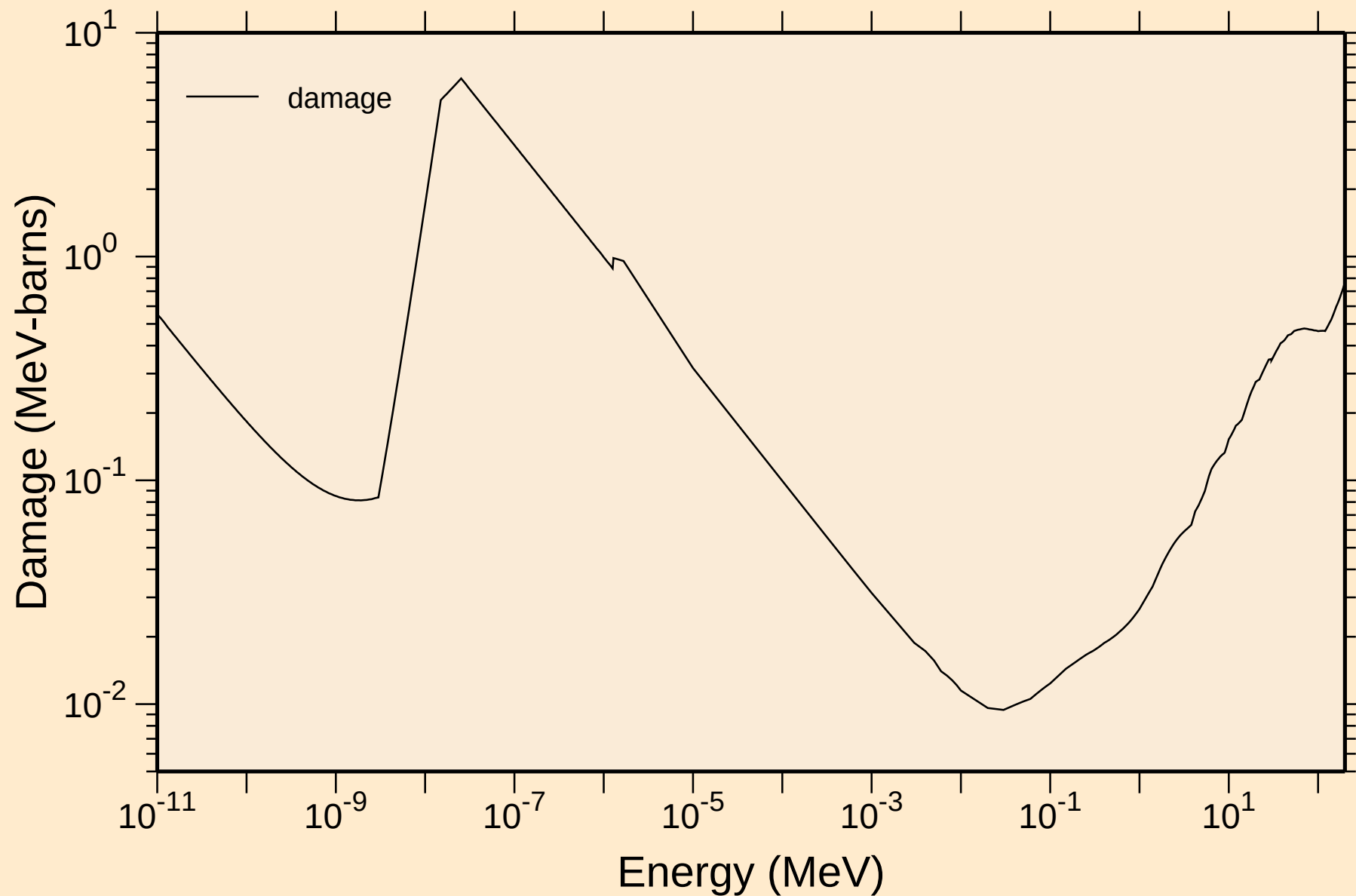
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

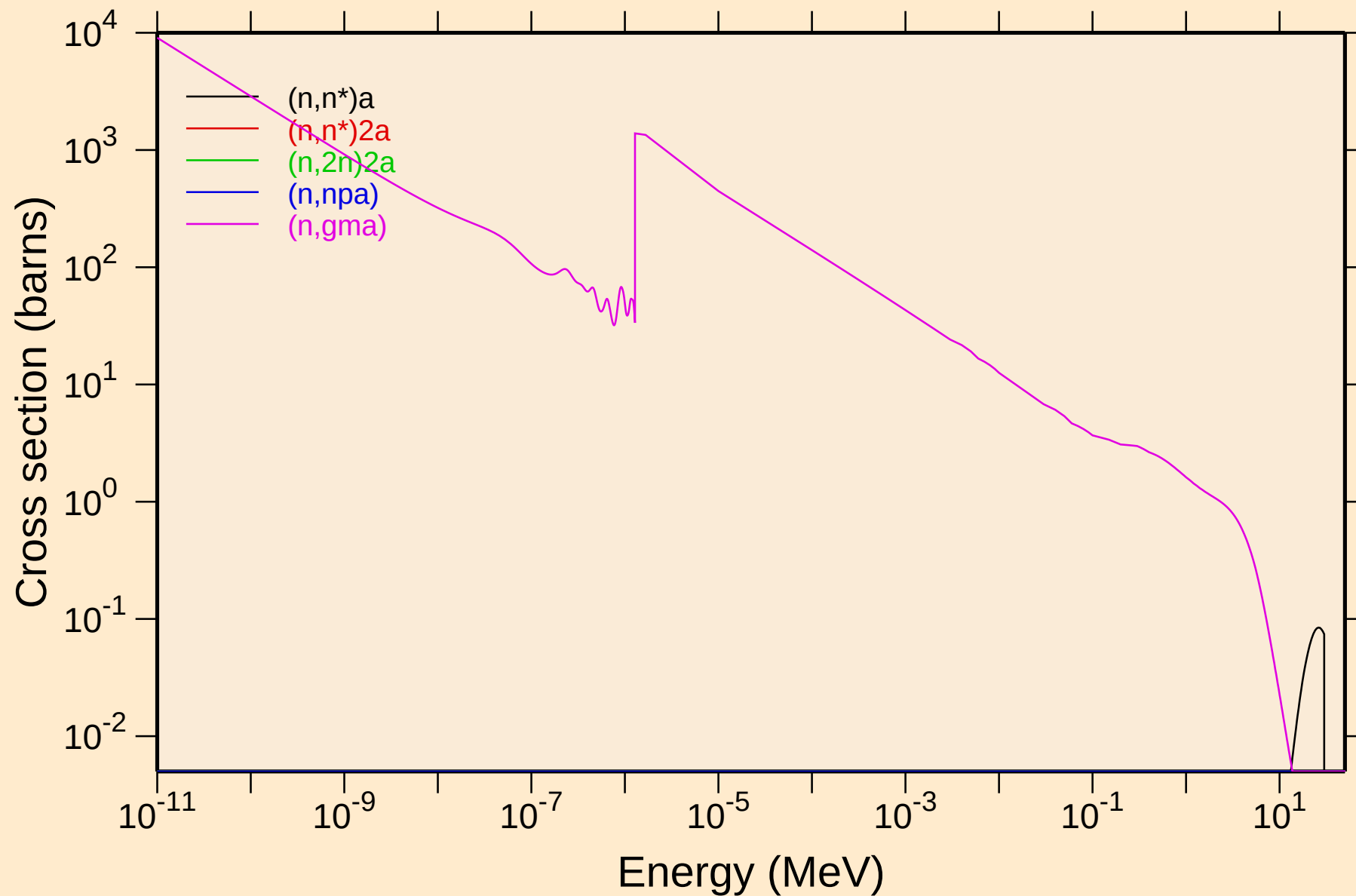


RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

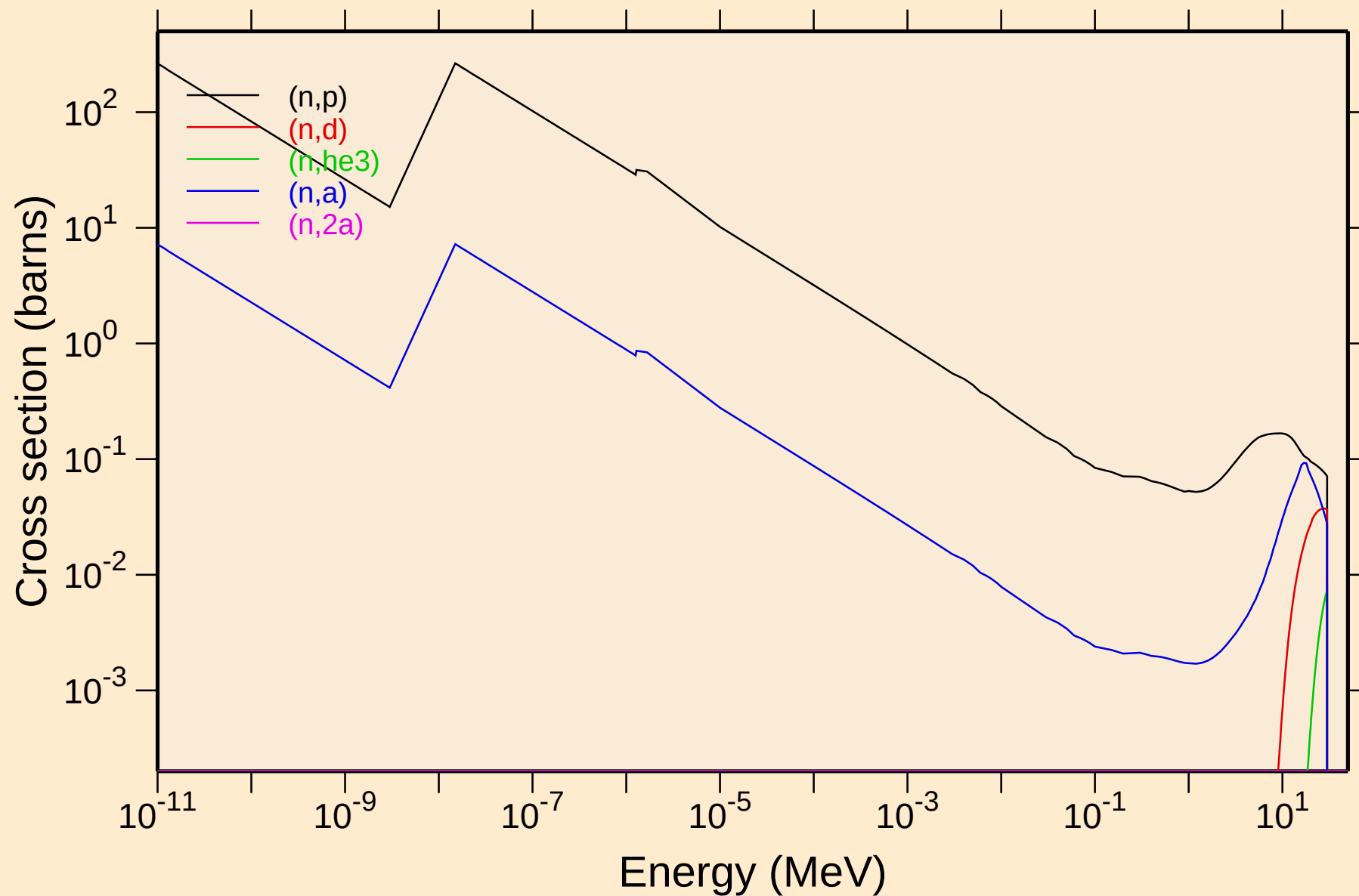
Damage



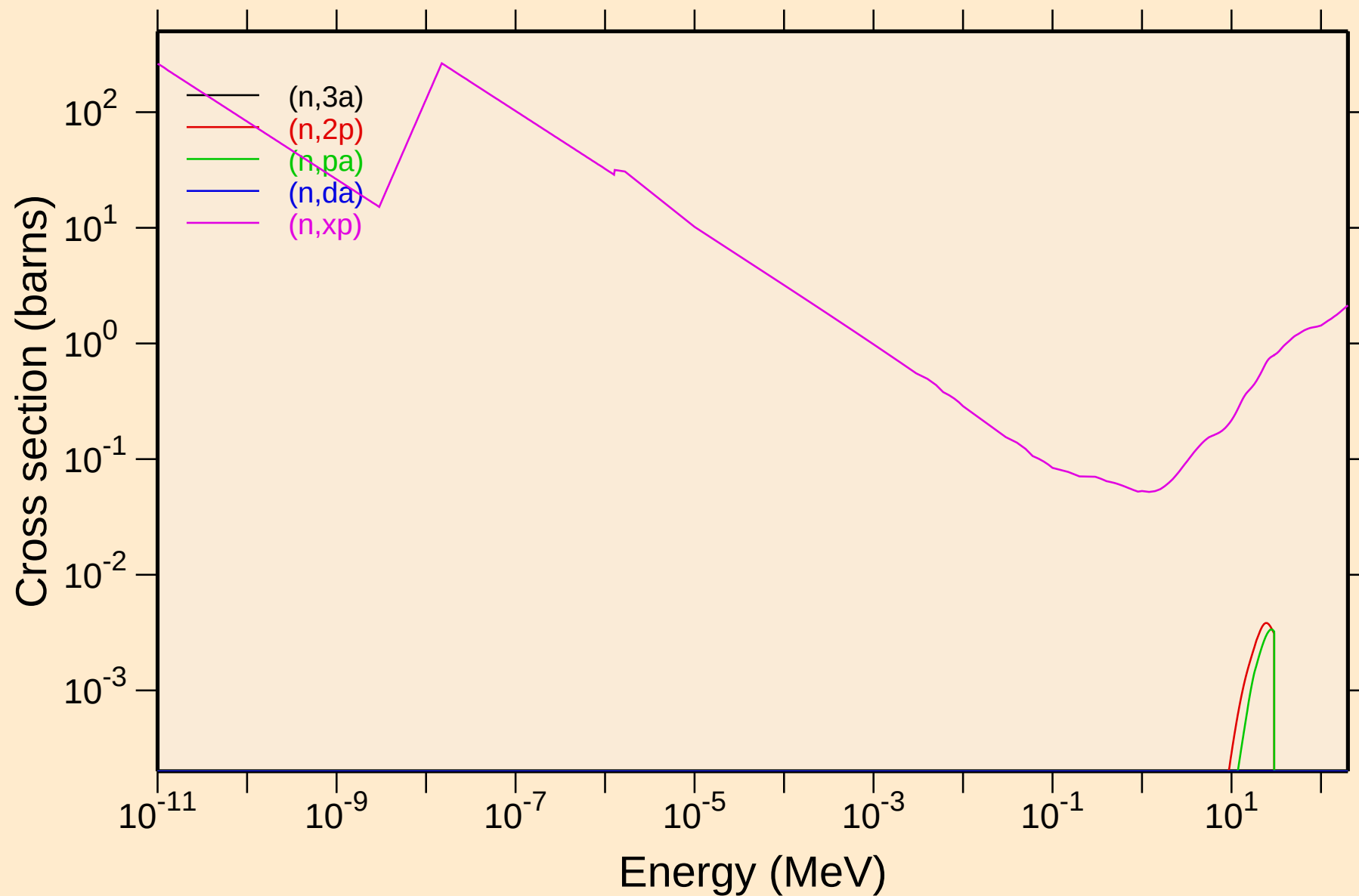
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

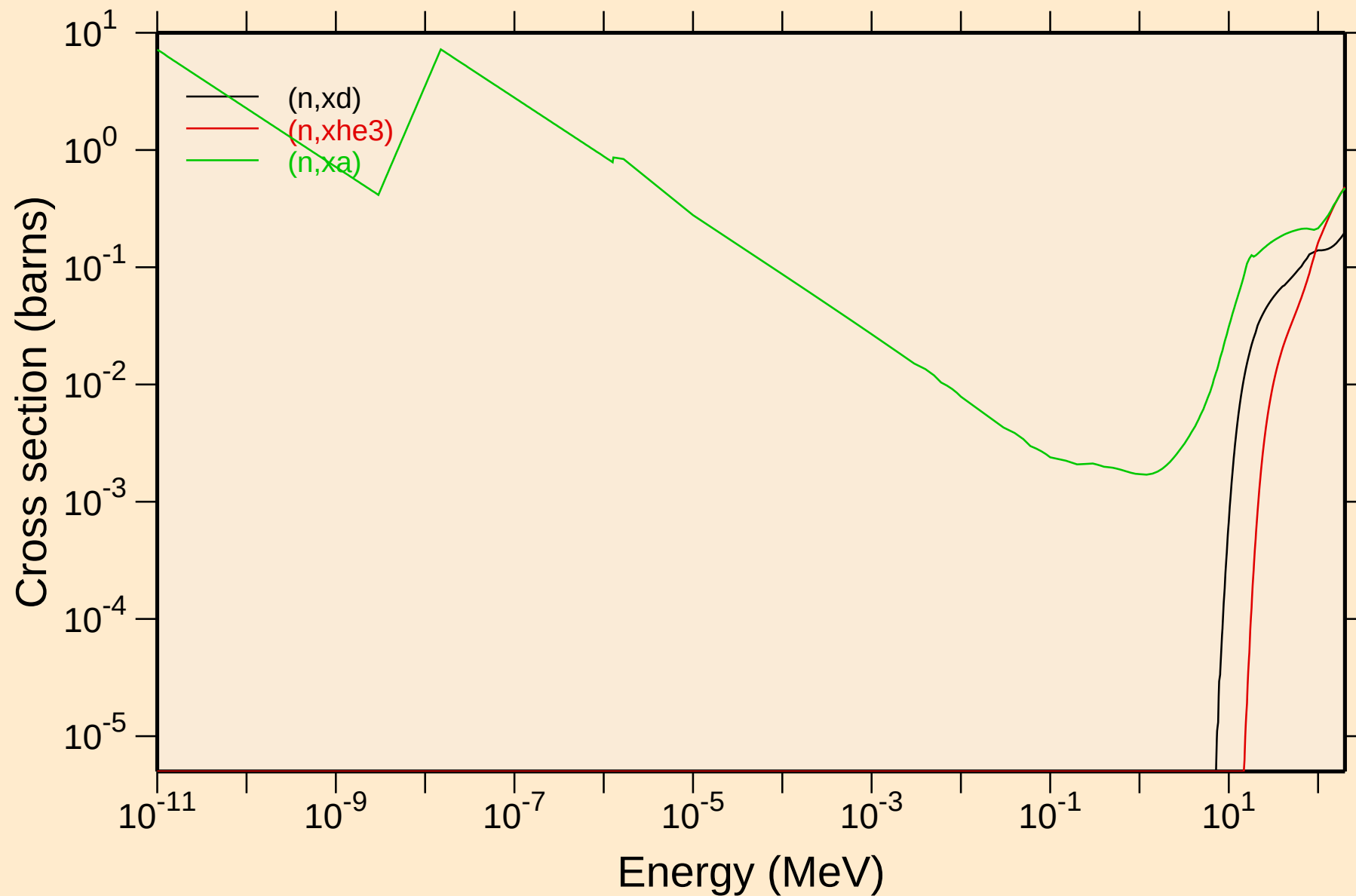


RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



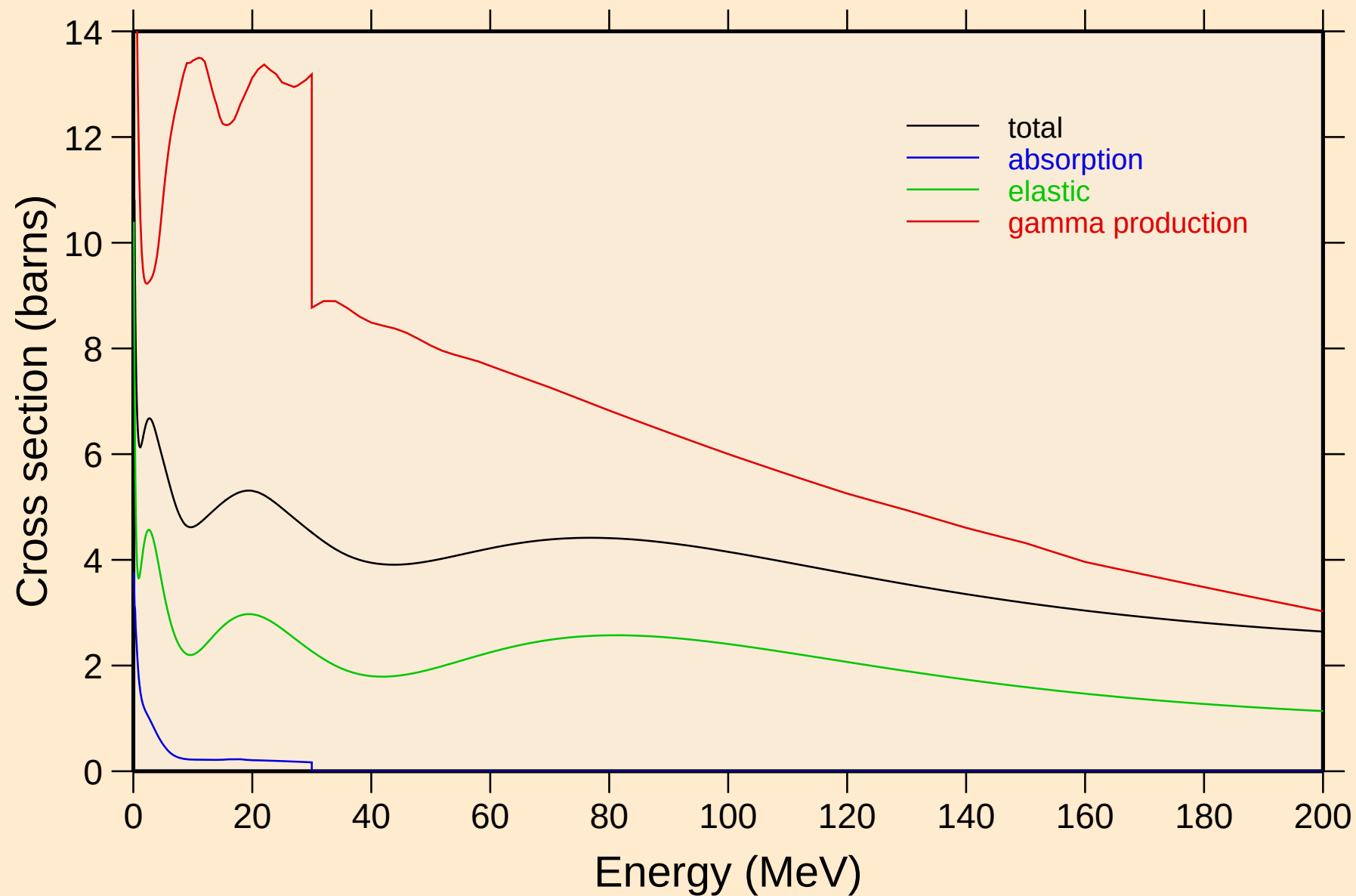
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions



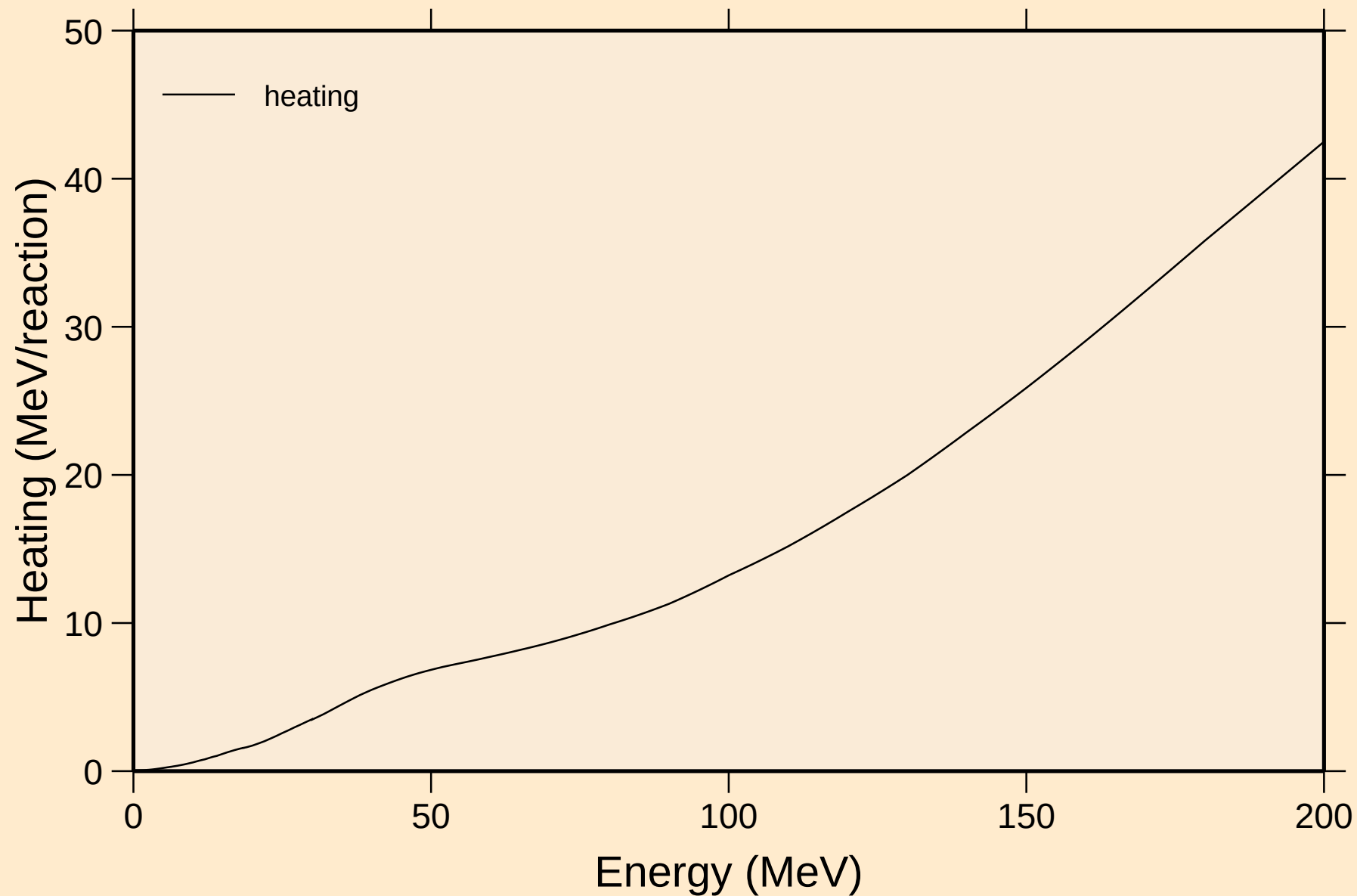
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



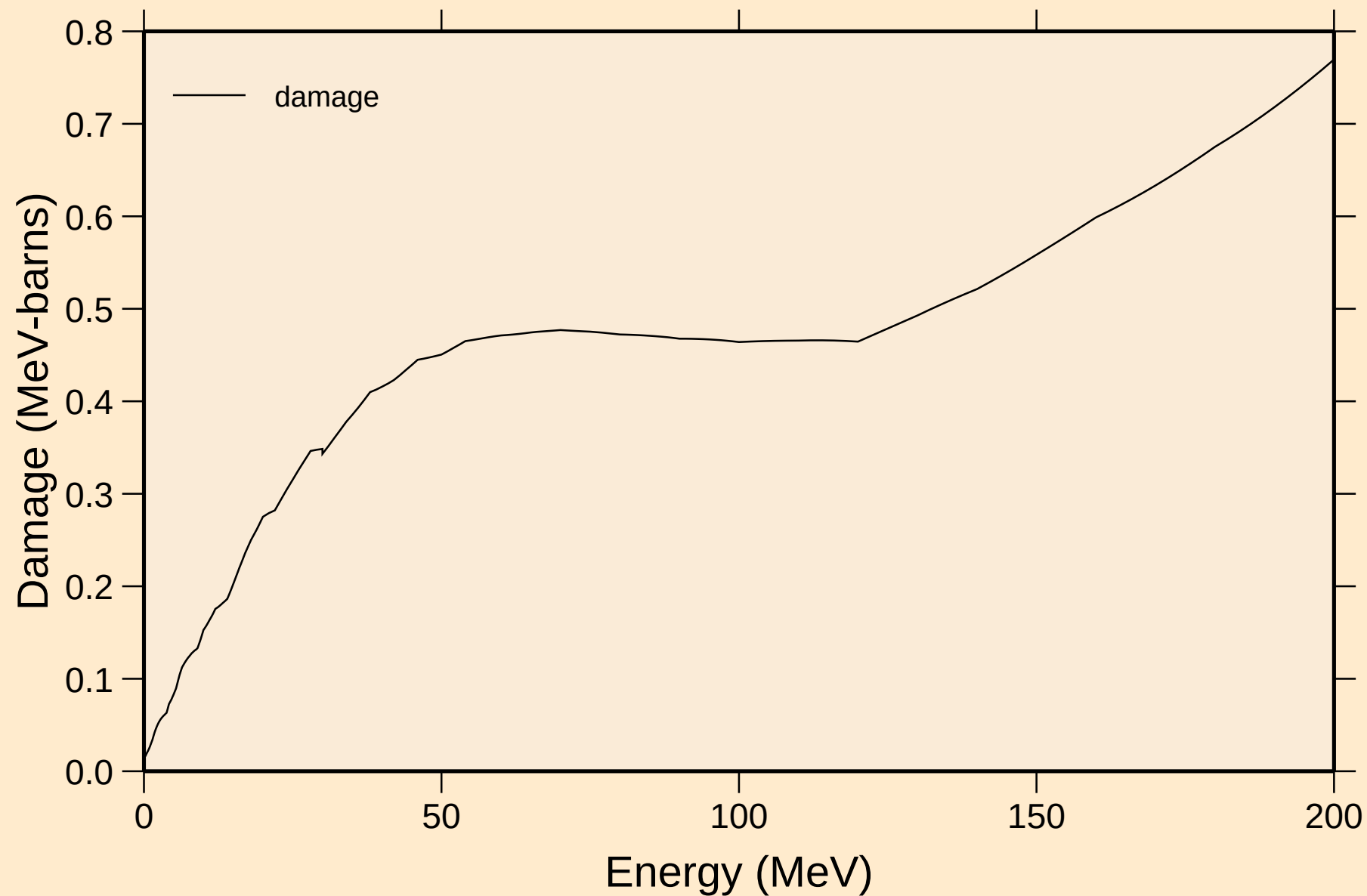
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

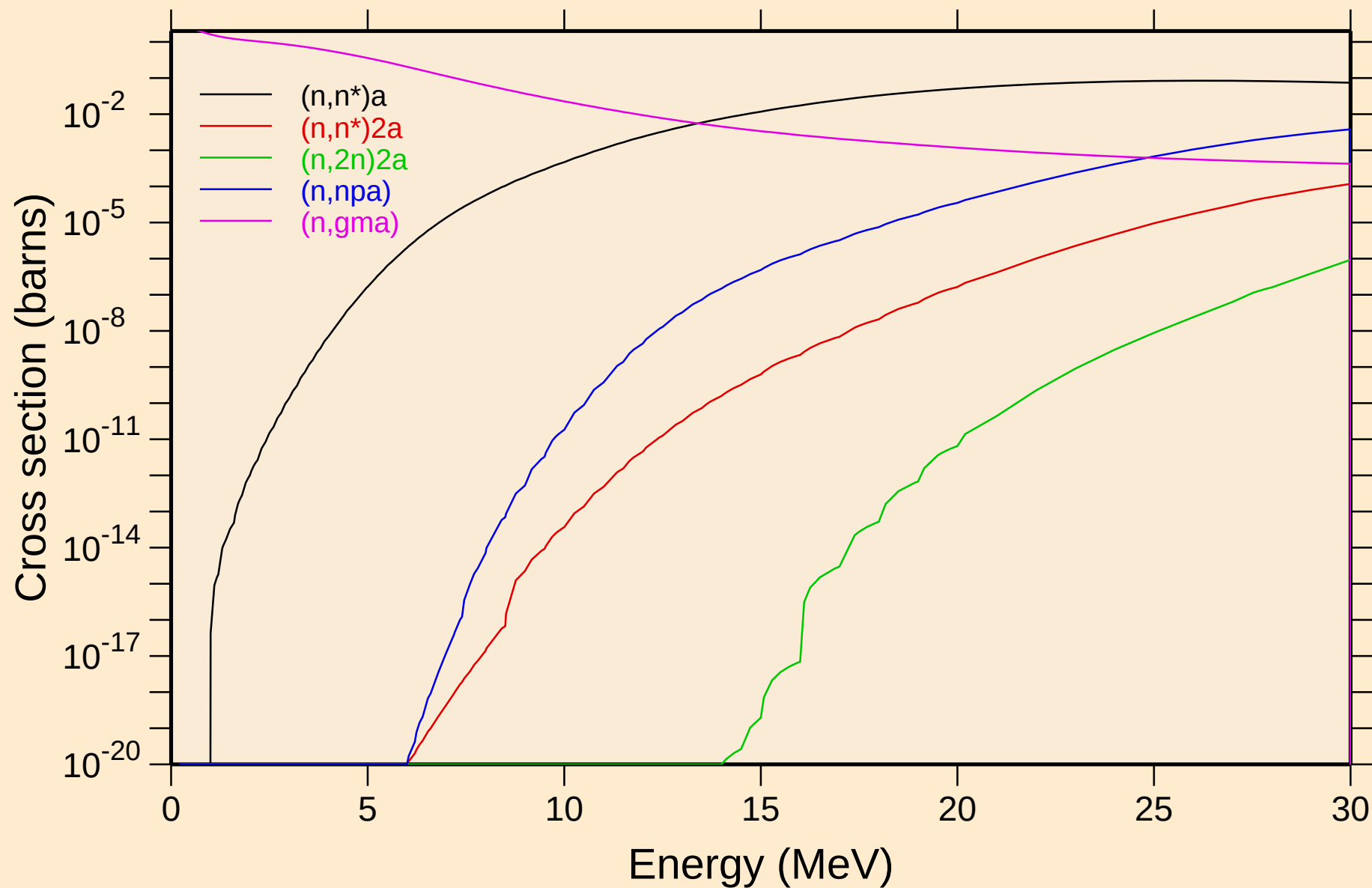


RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

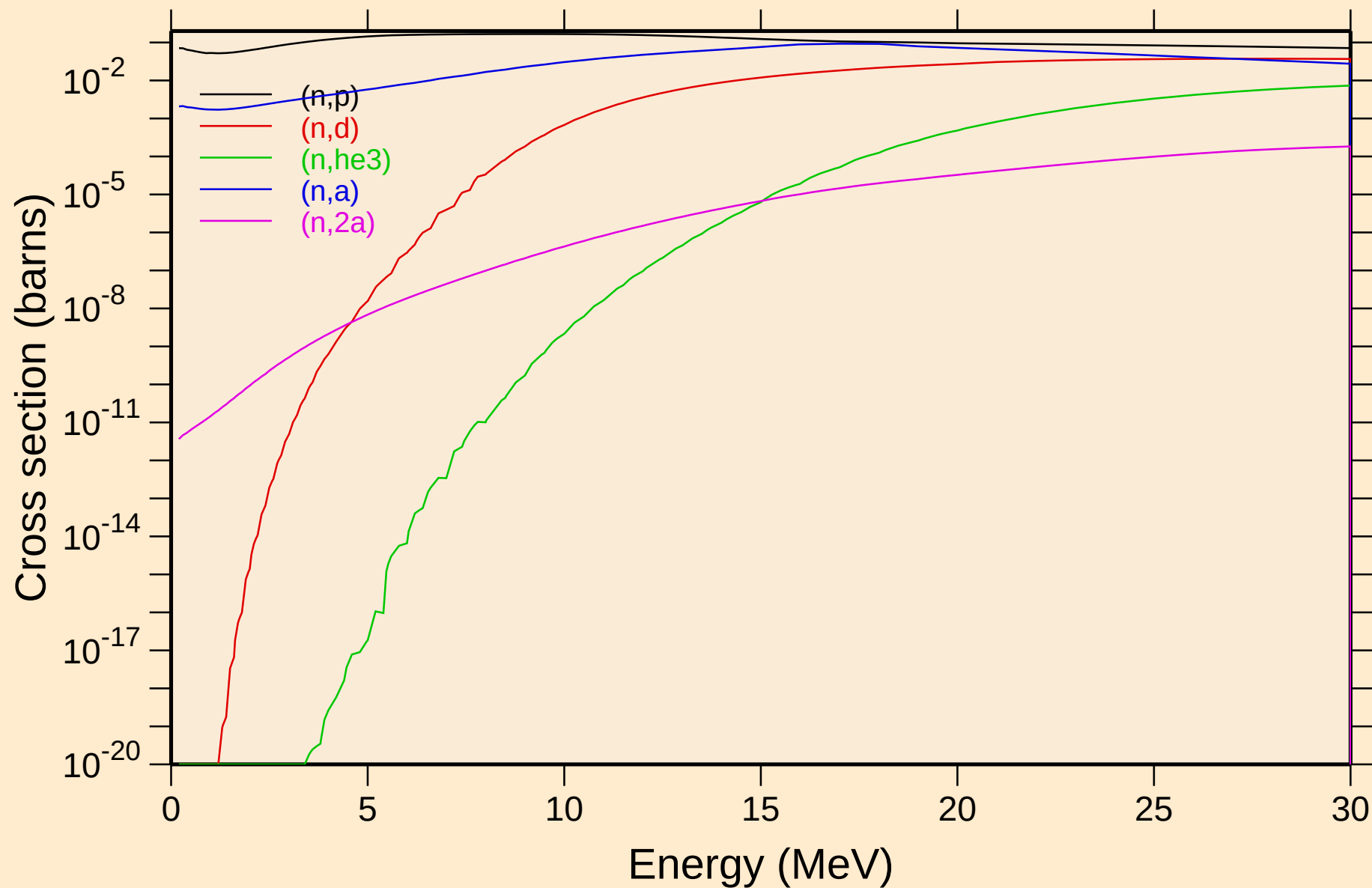
Damage



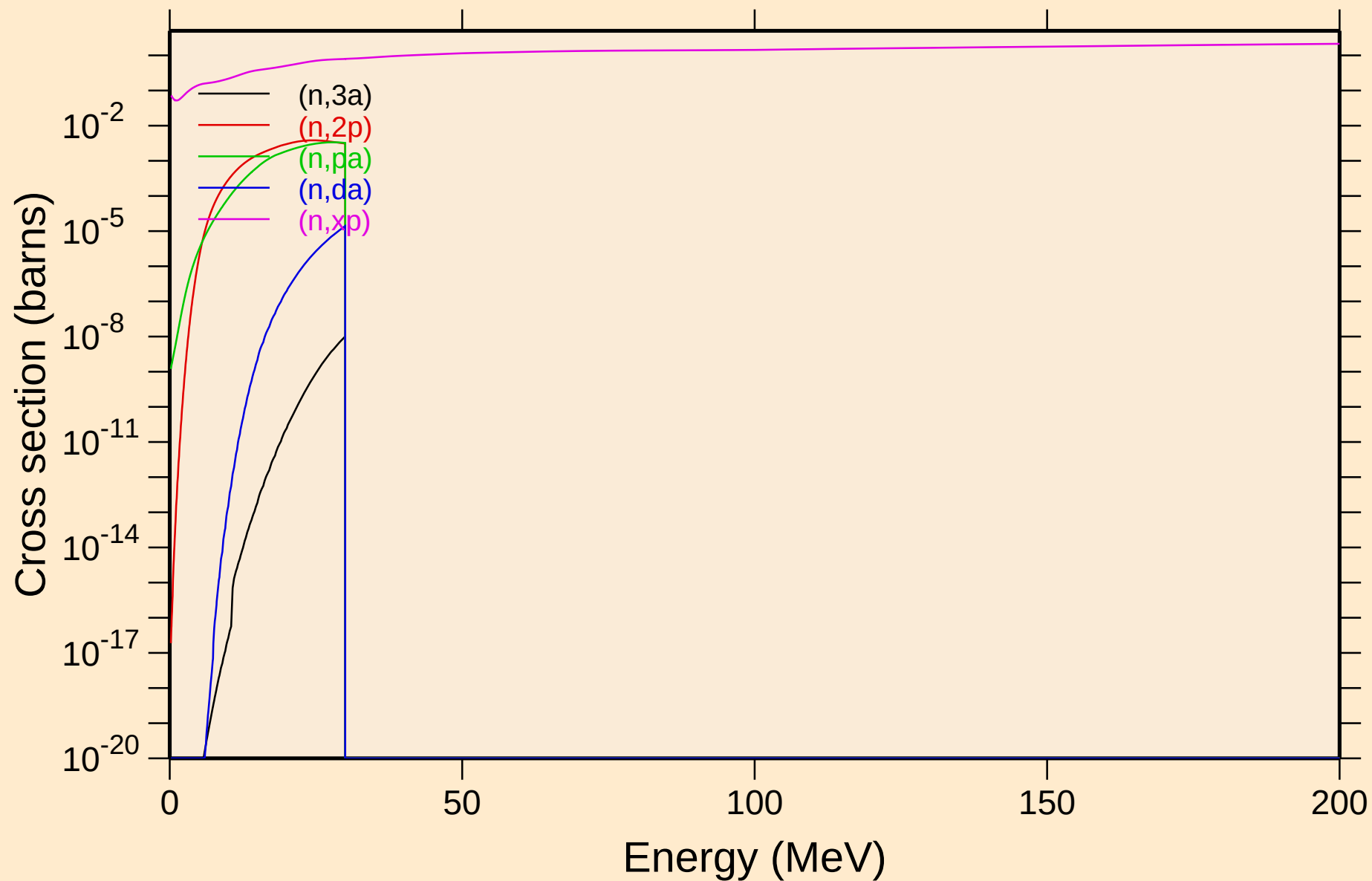
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



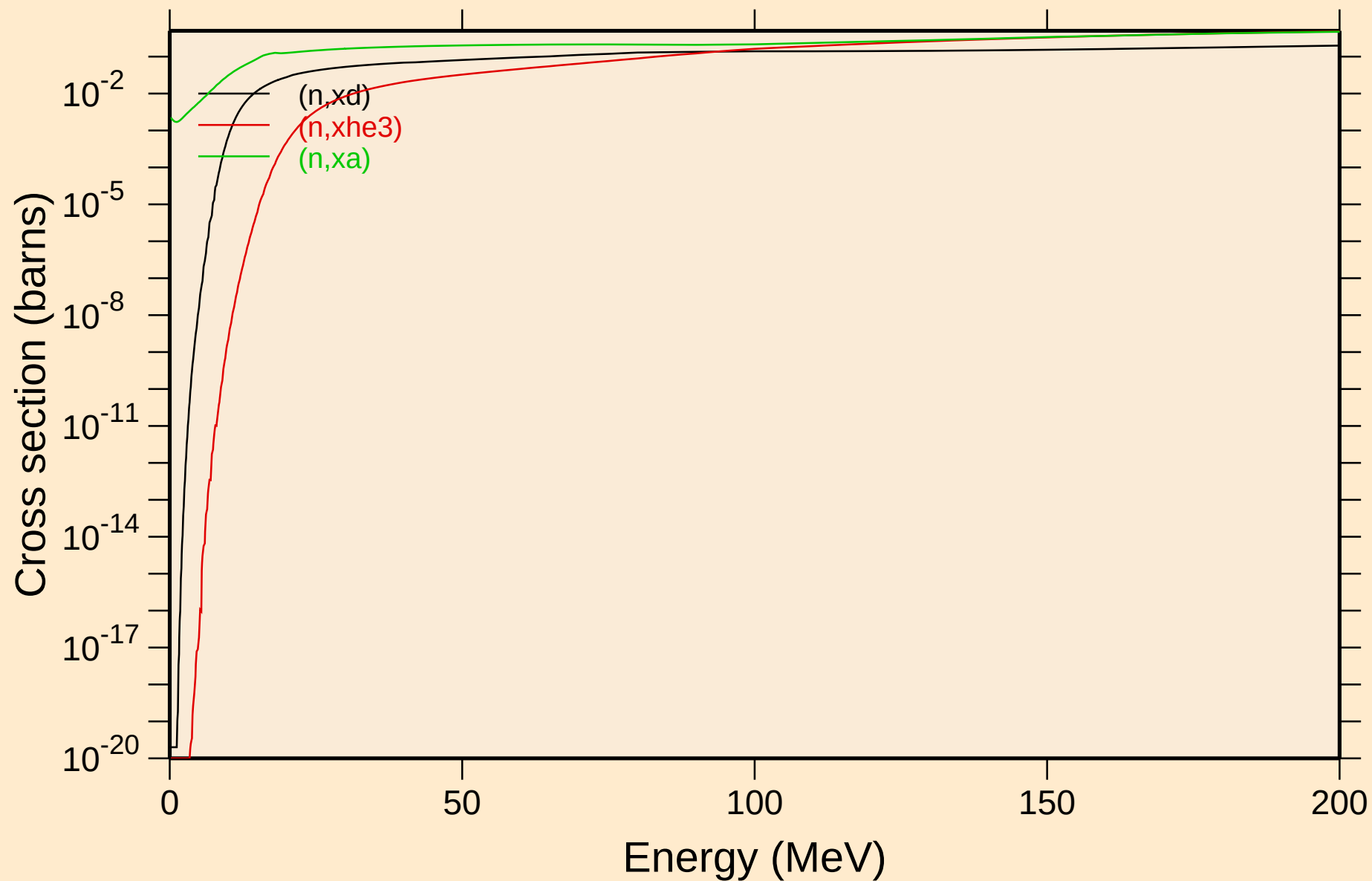
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

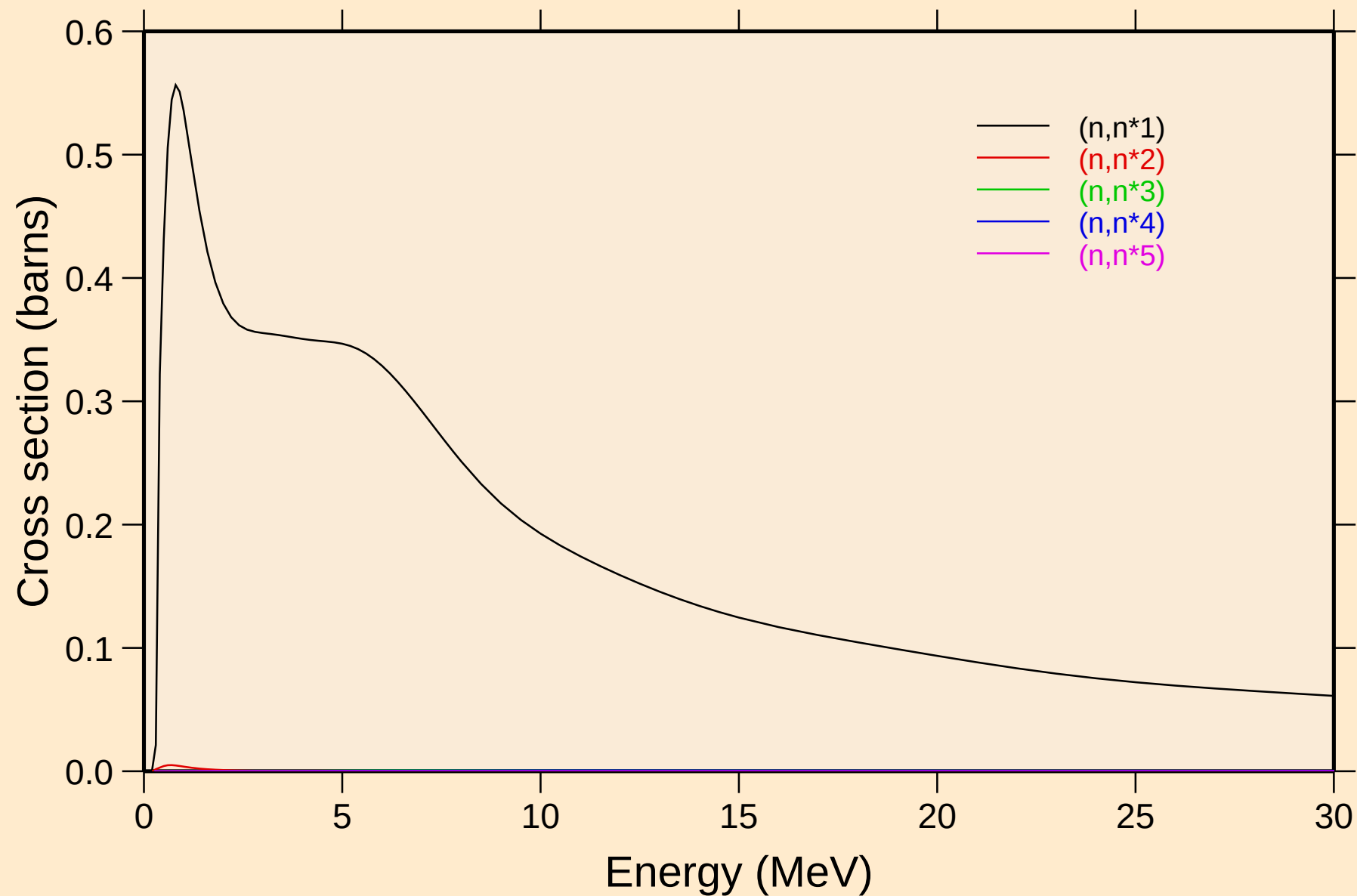


RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



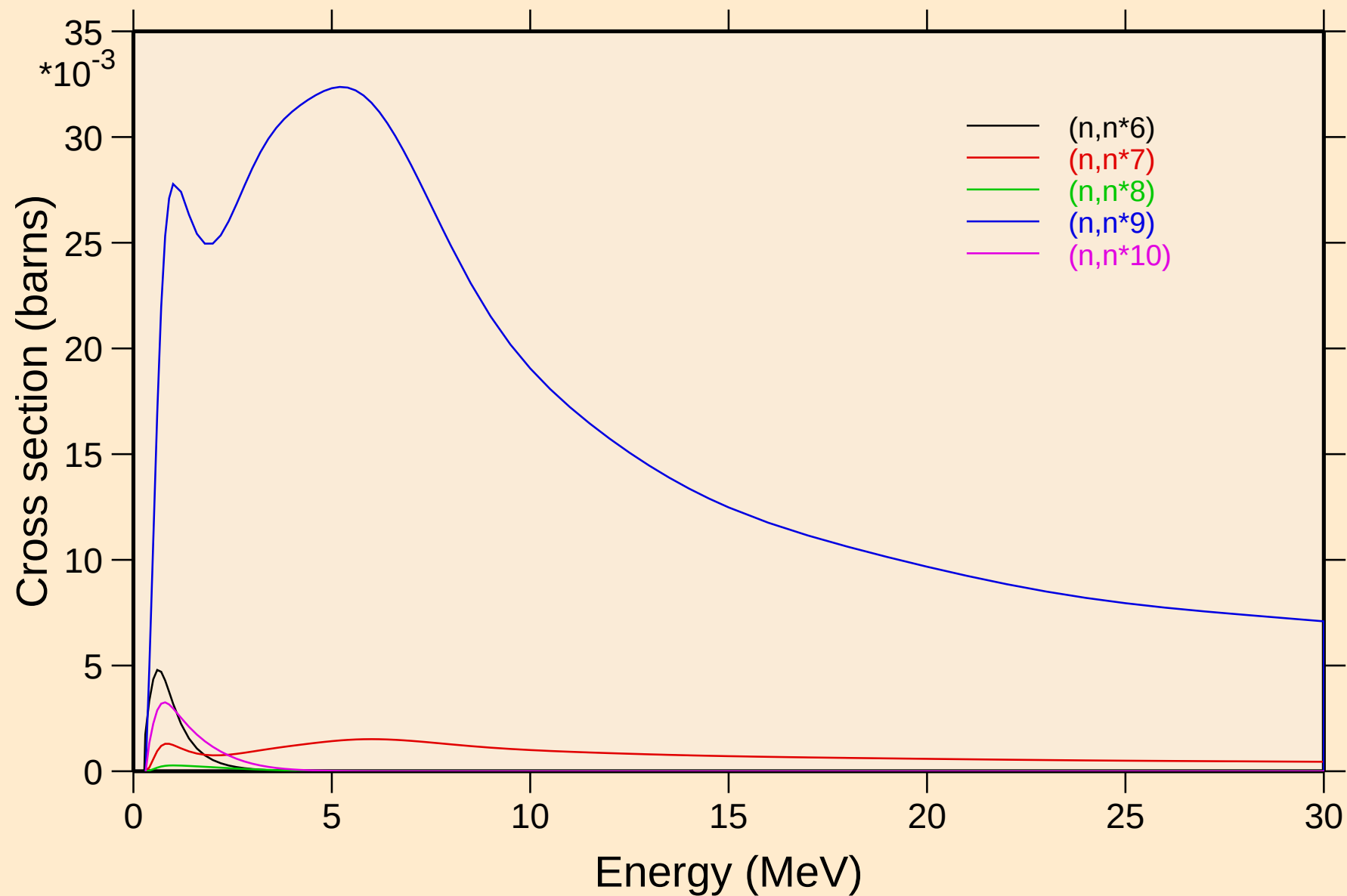
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



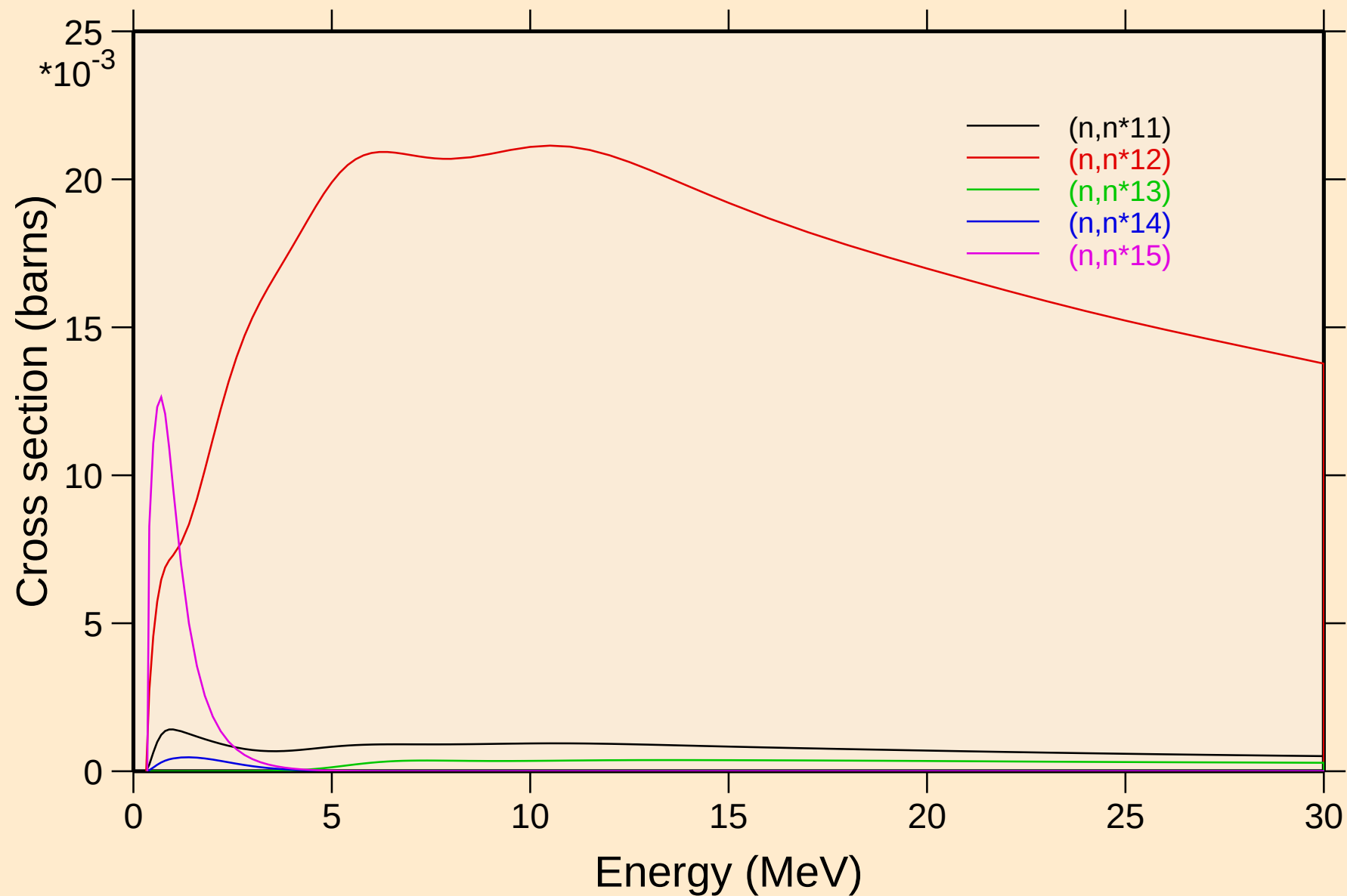
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



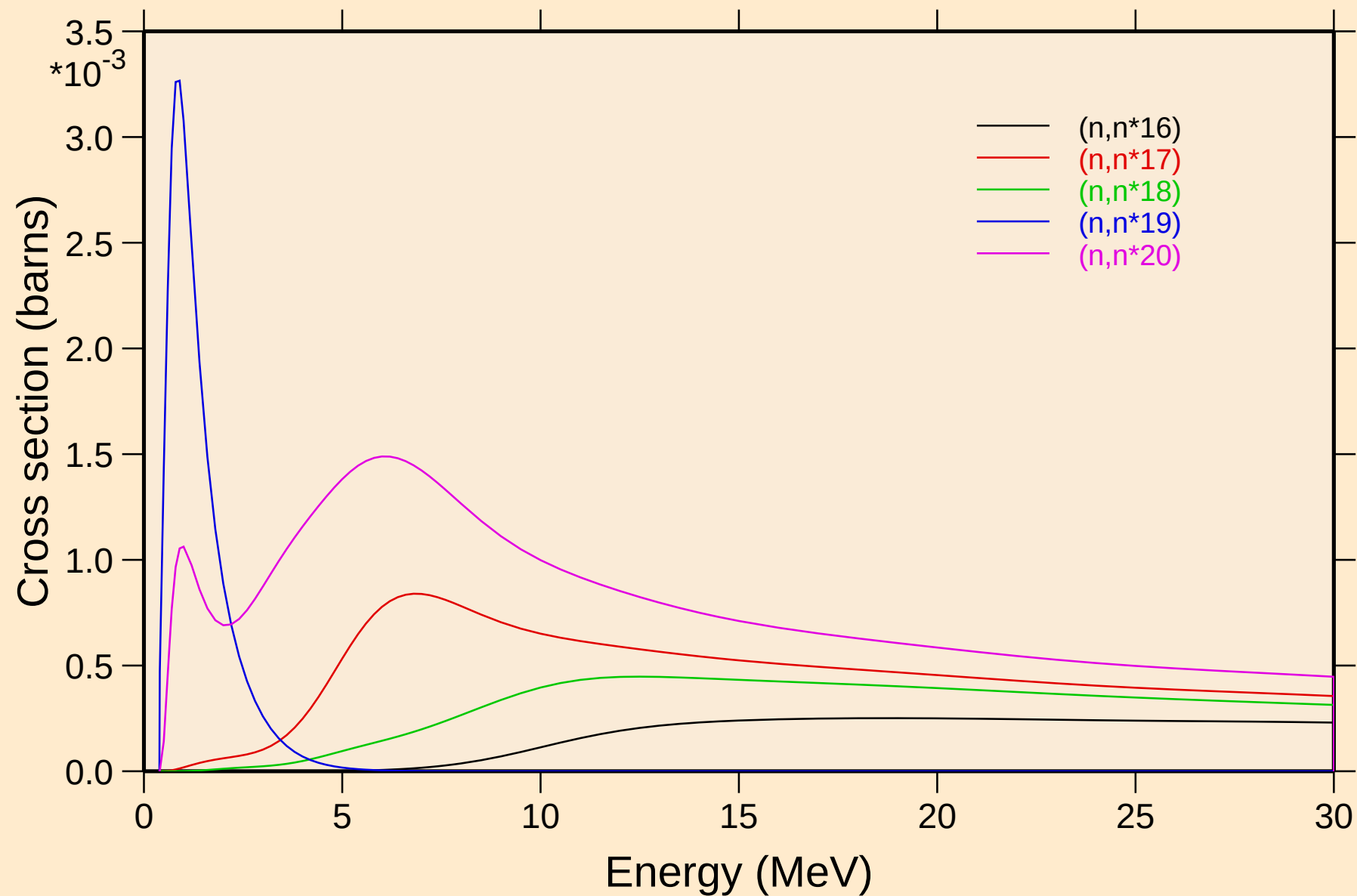
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



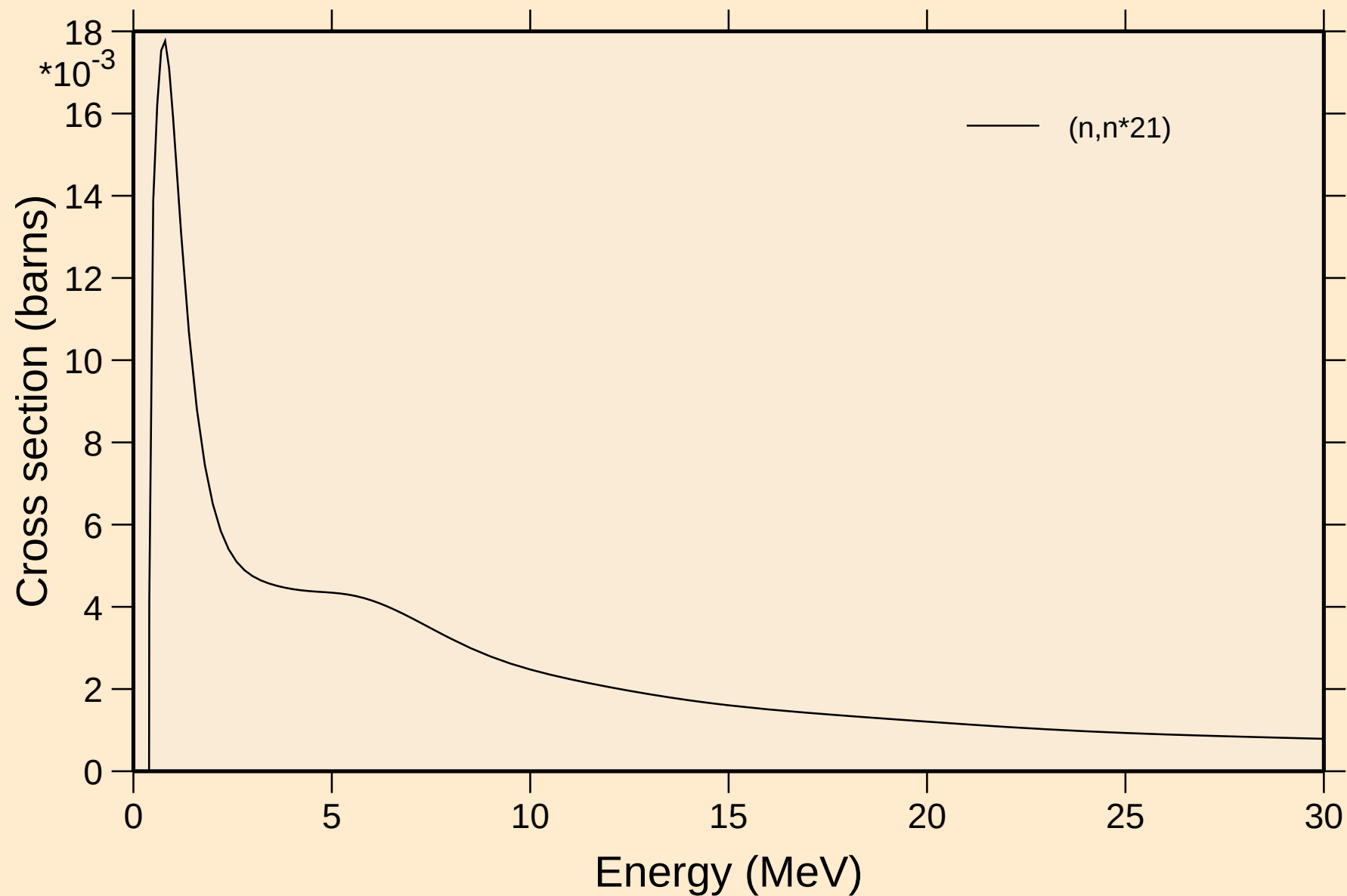
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



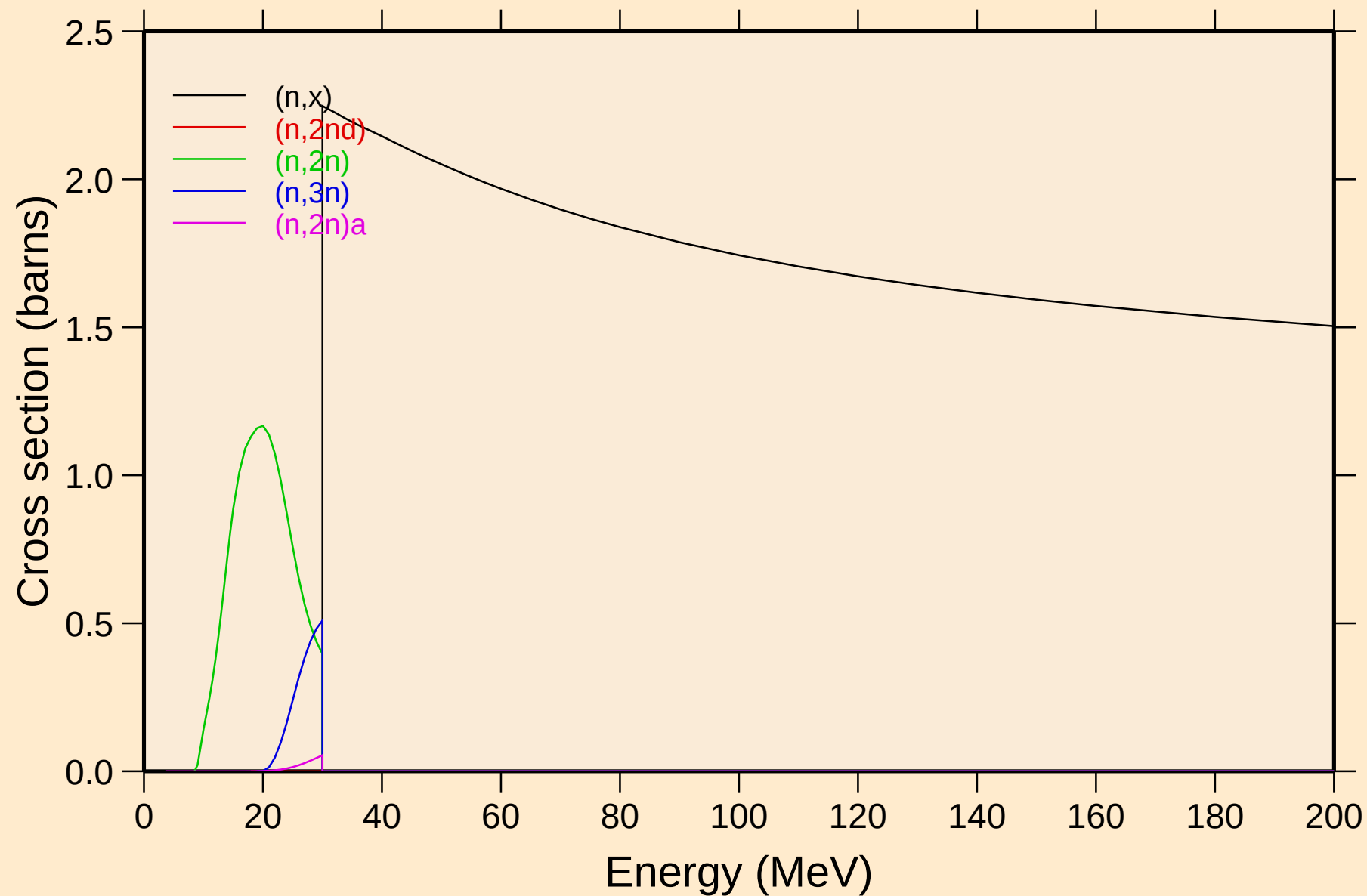
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels

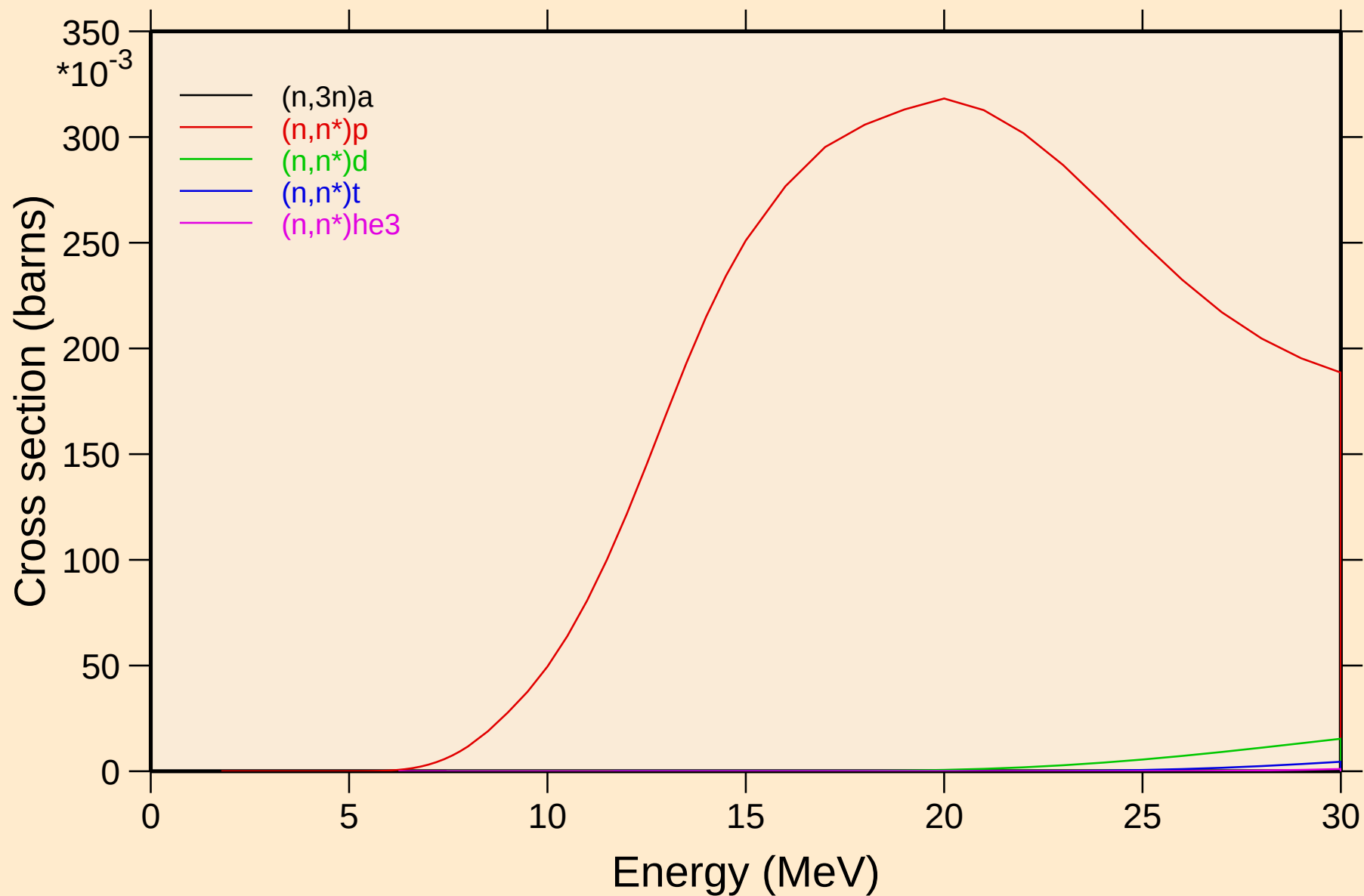


RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

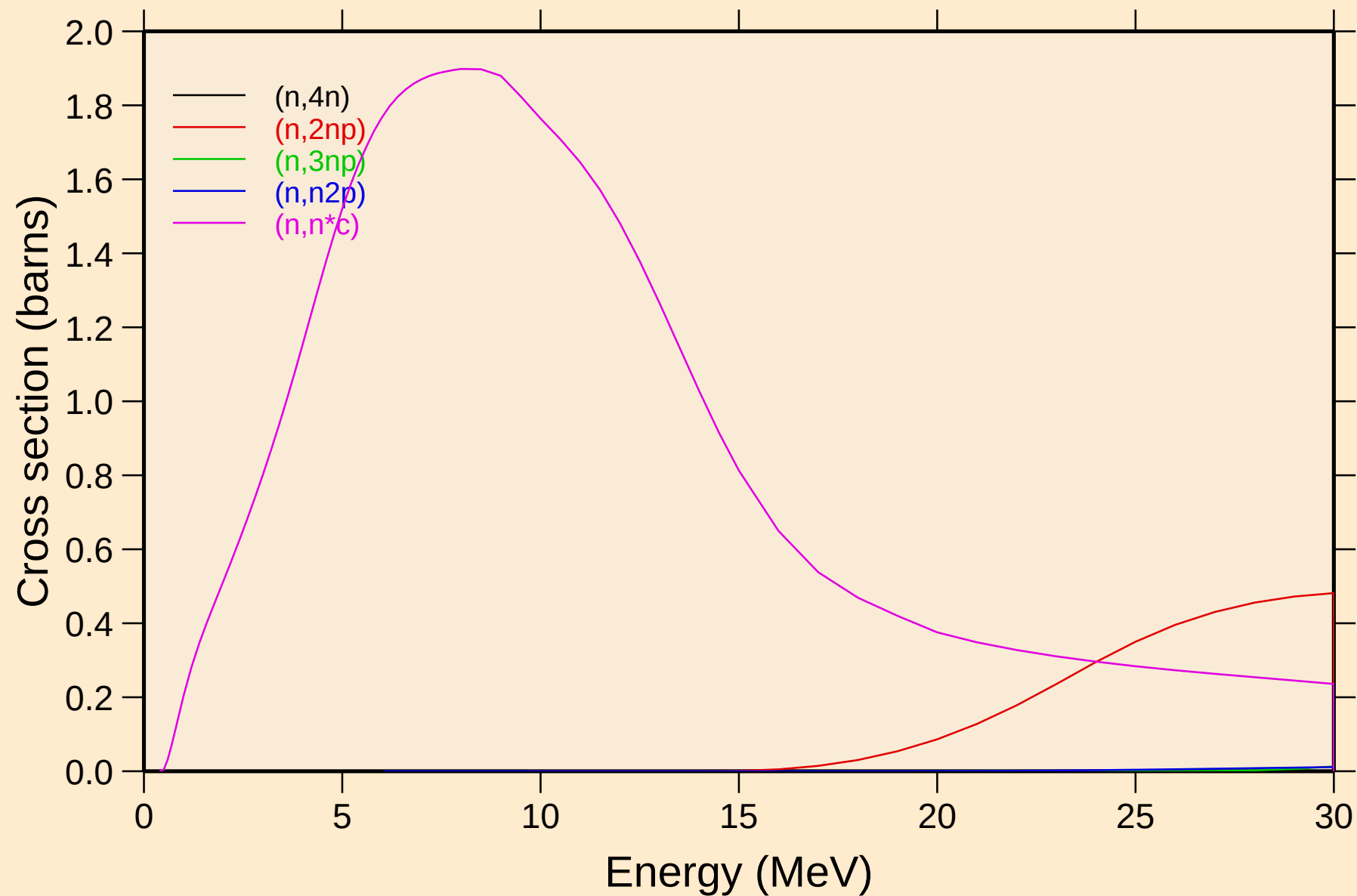


RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



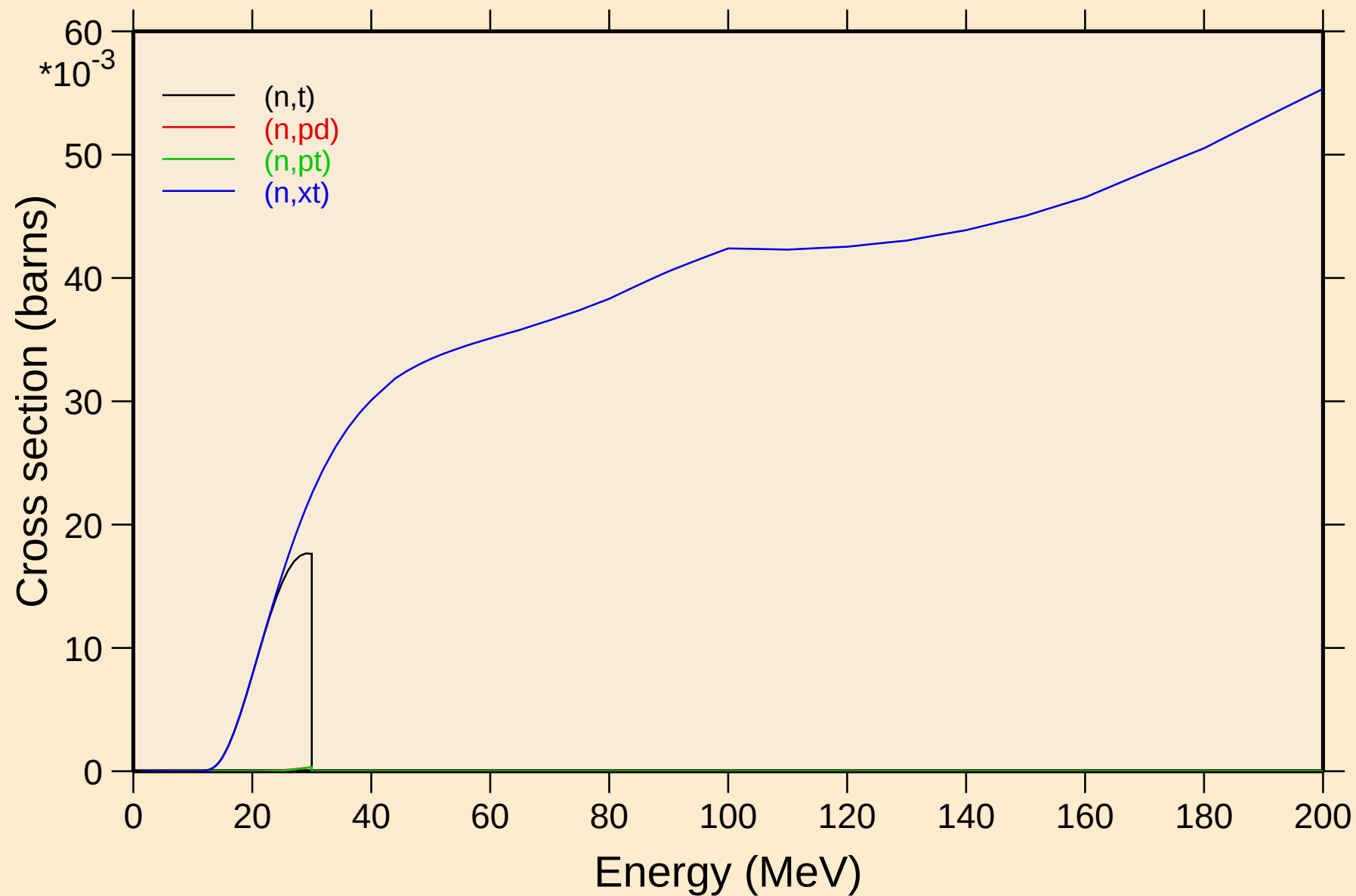
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

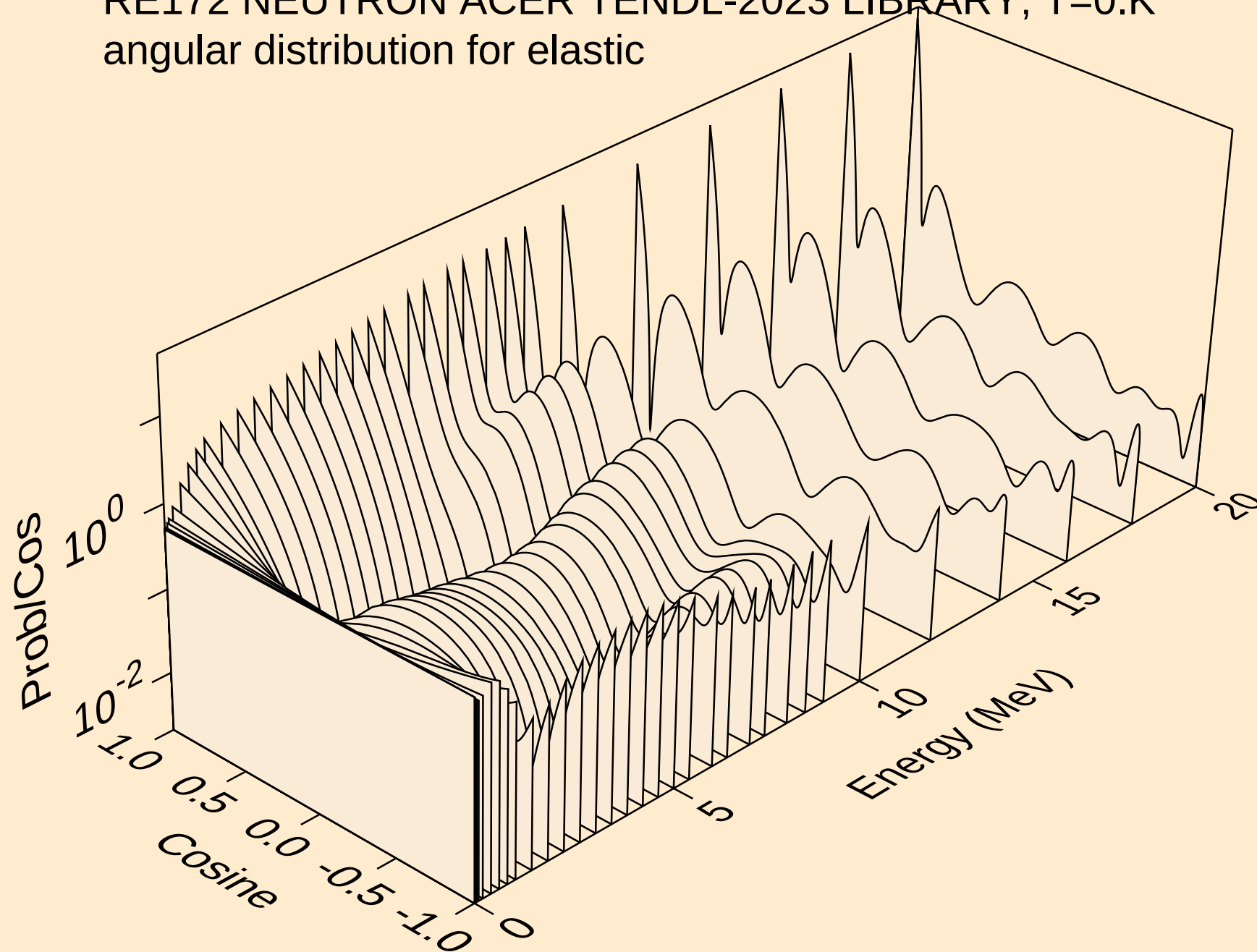


RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

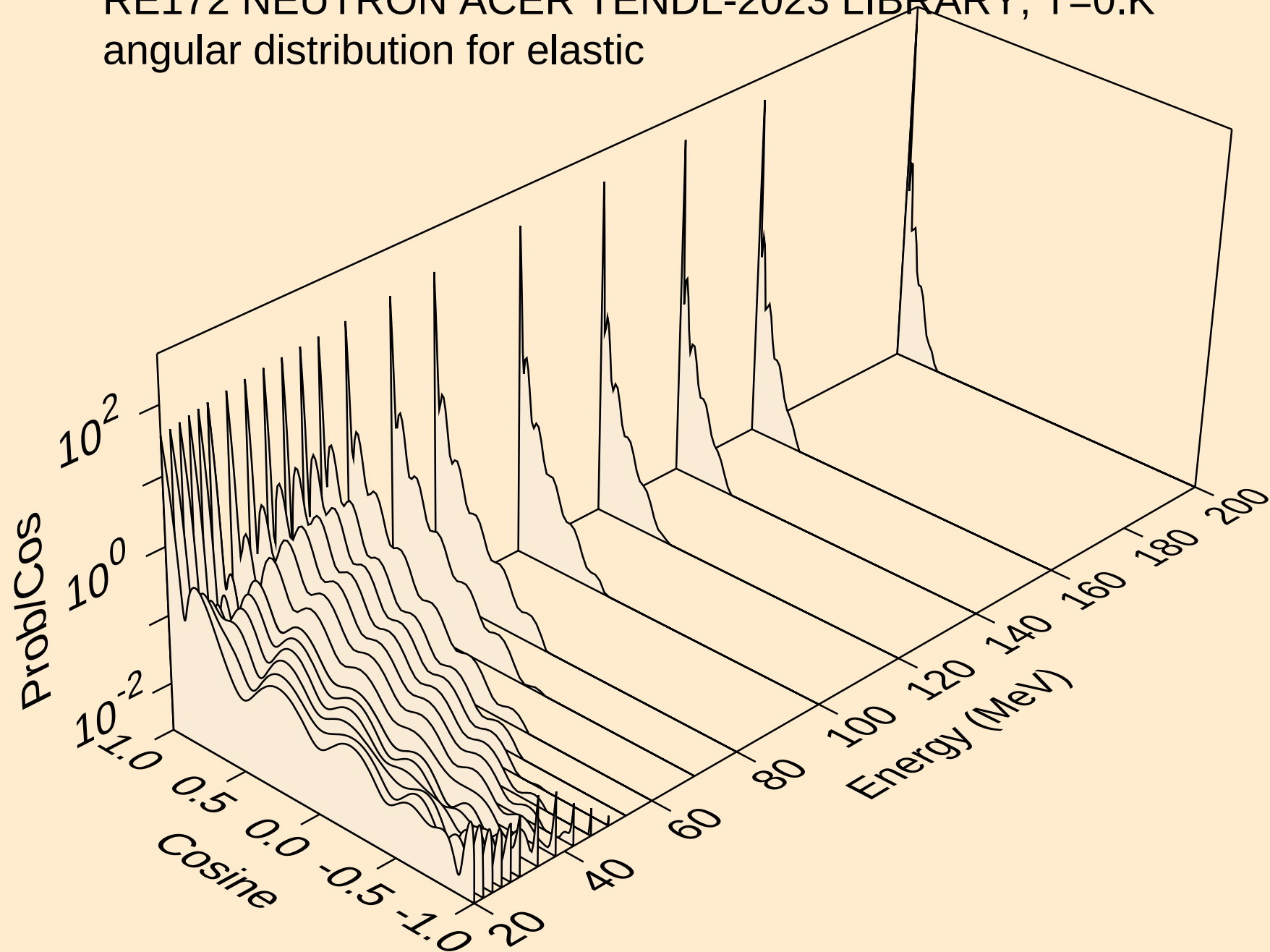
Threshold reactions



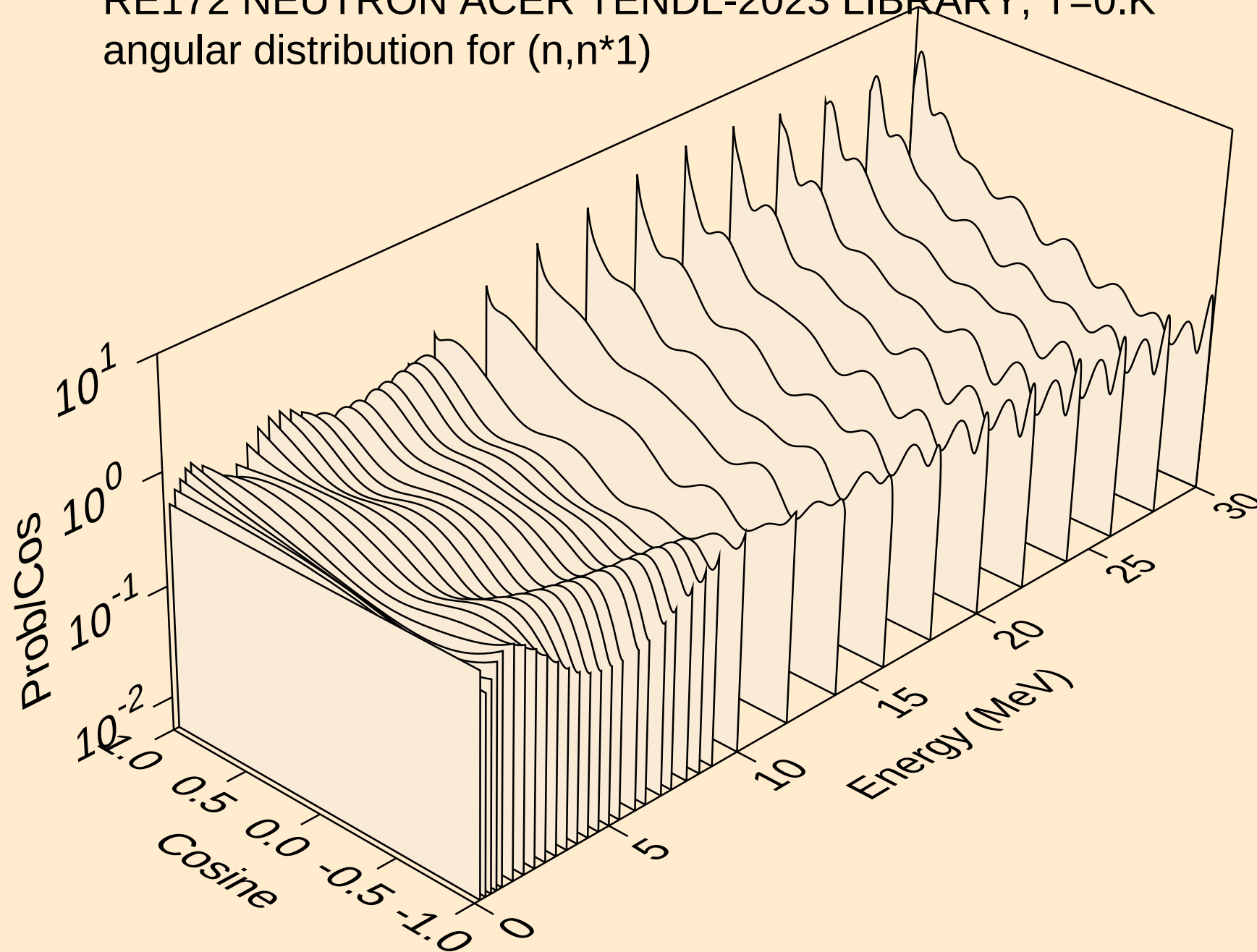
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



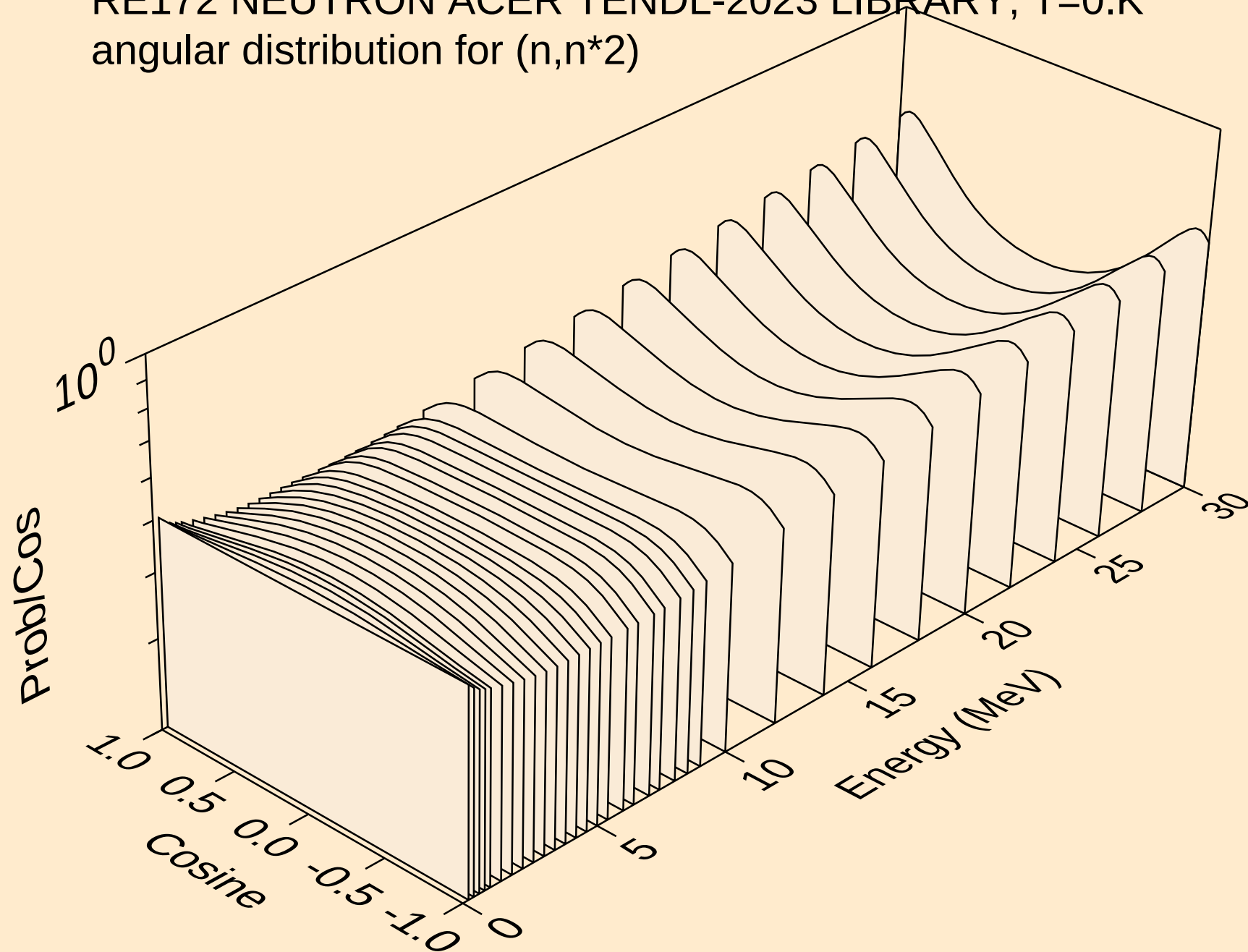
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



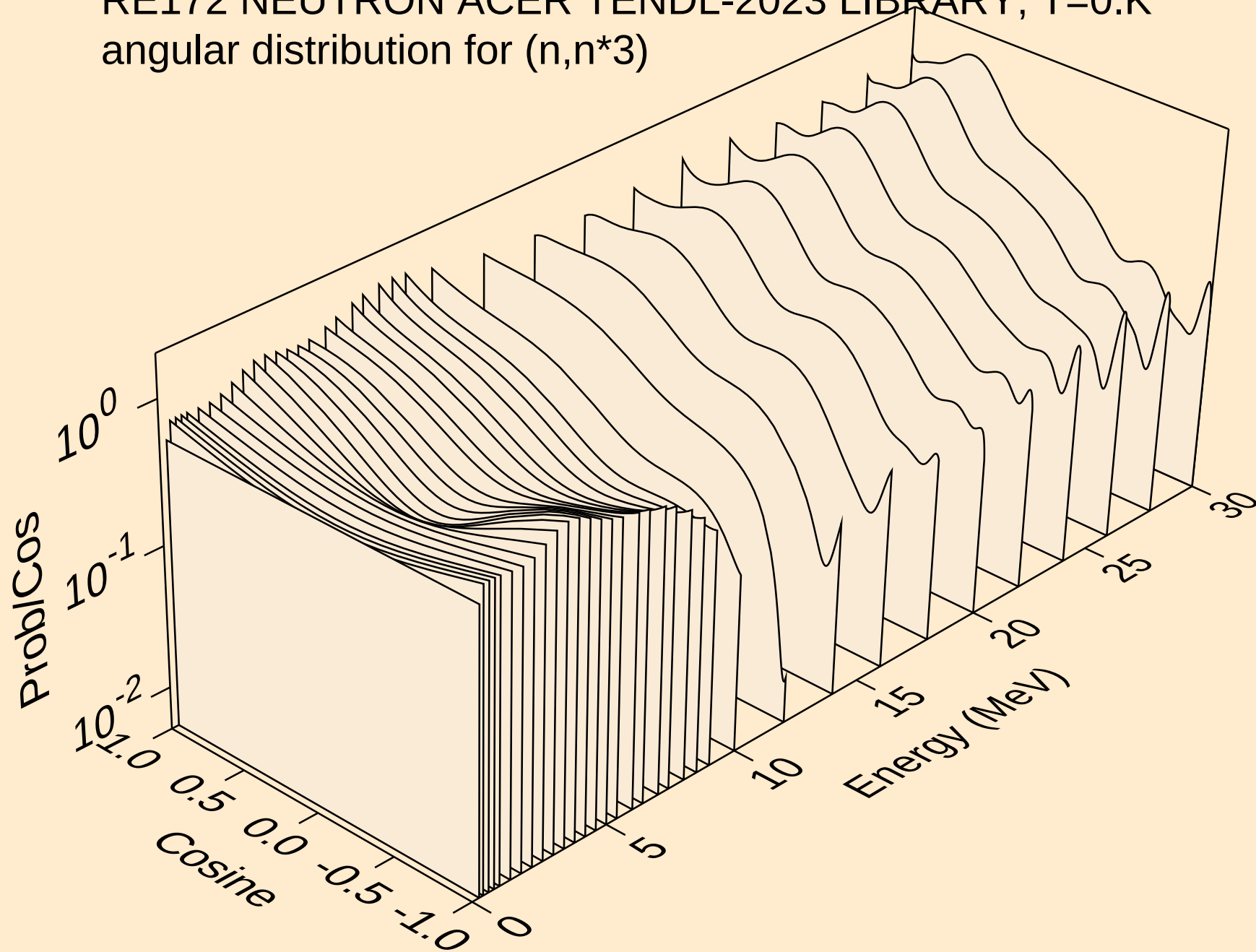
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



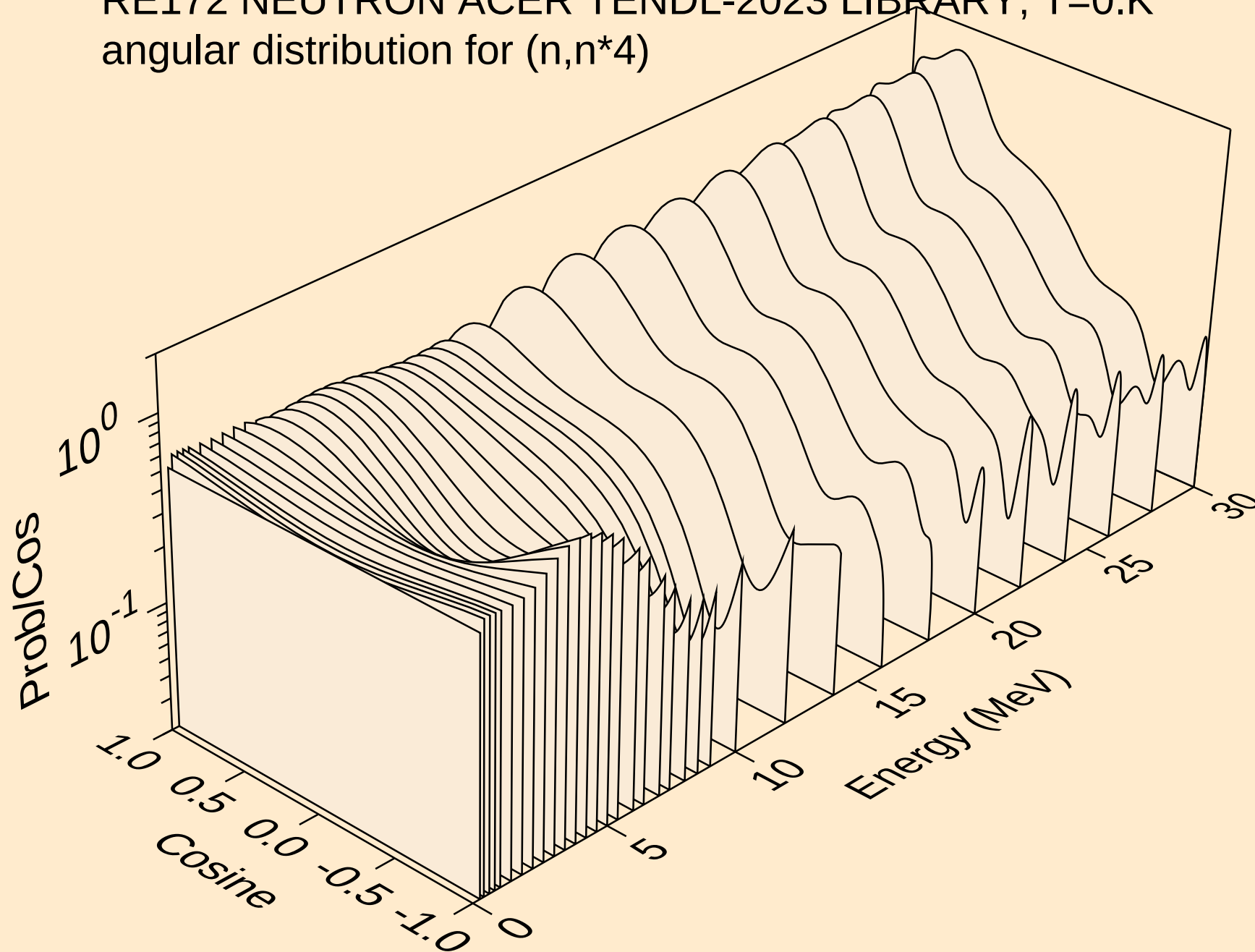
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



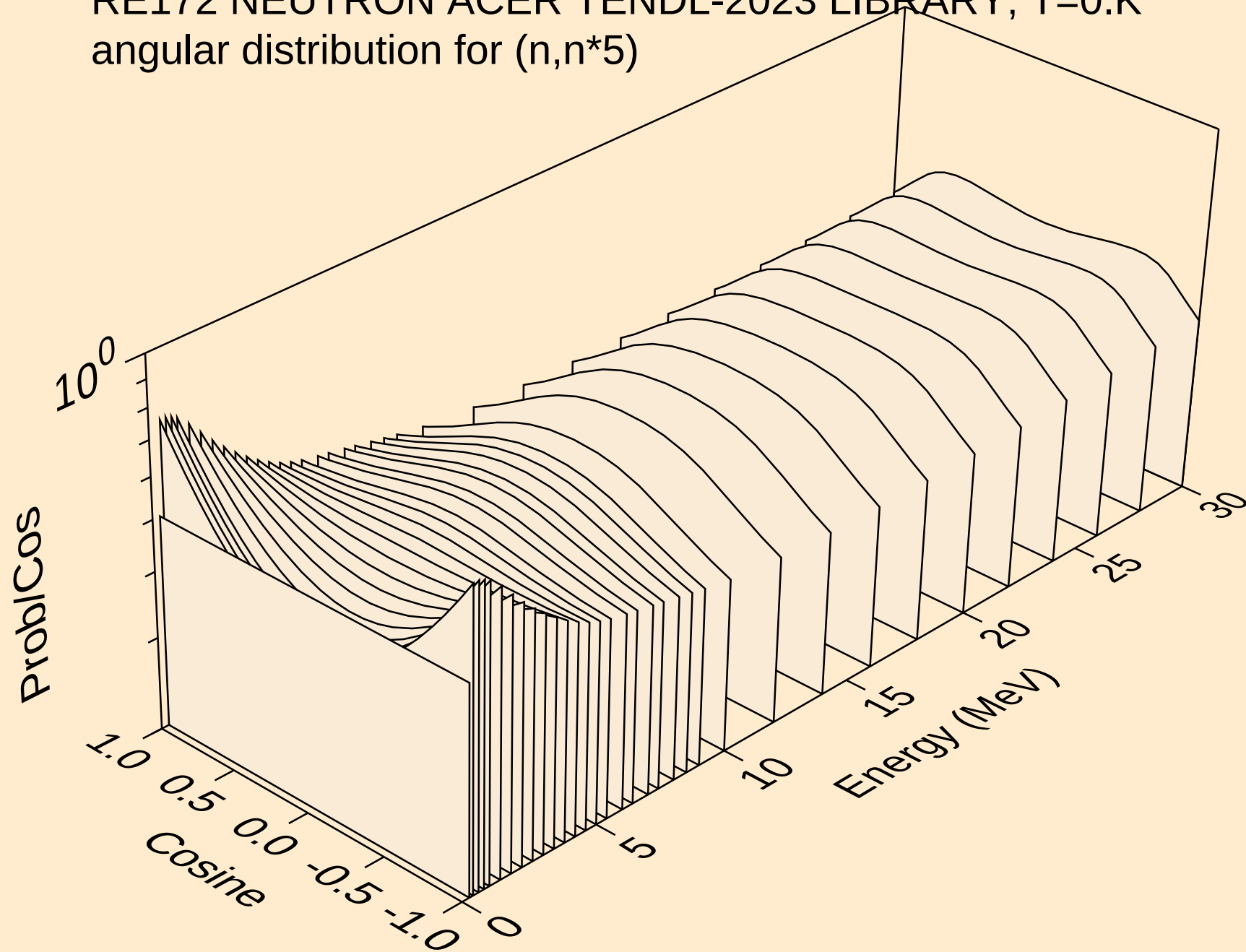
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



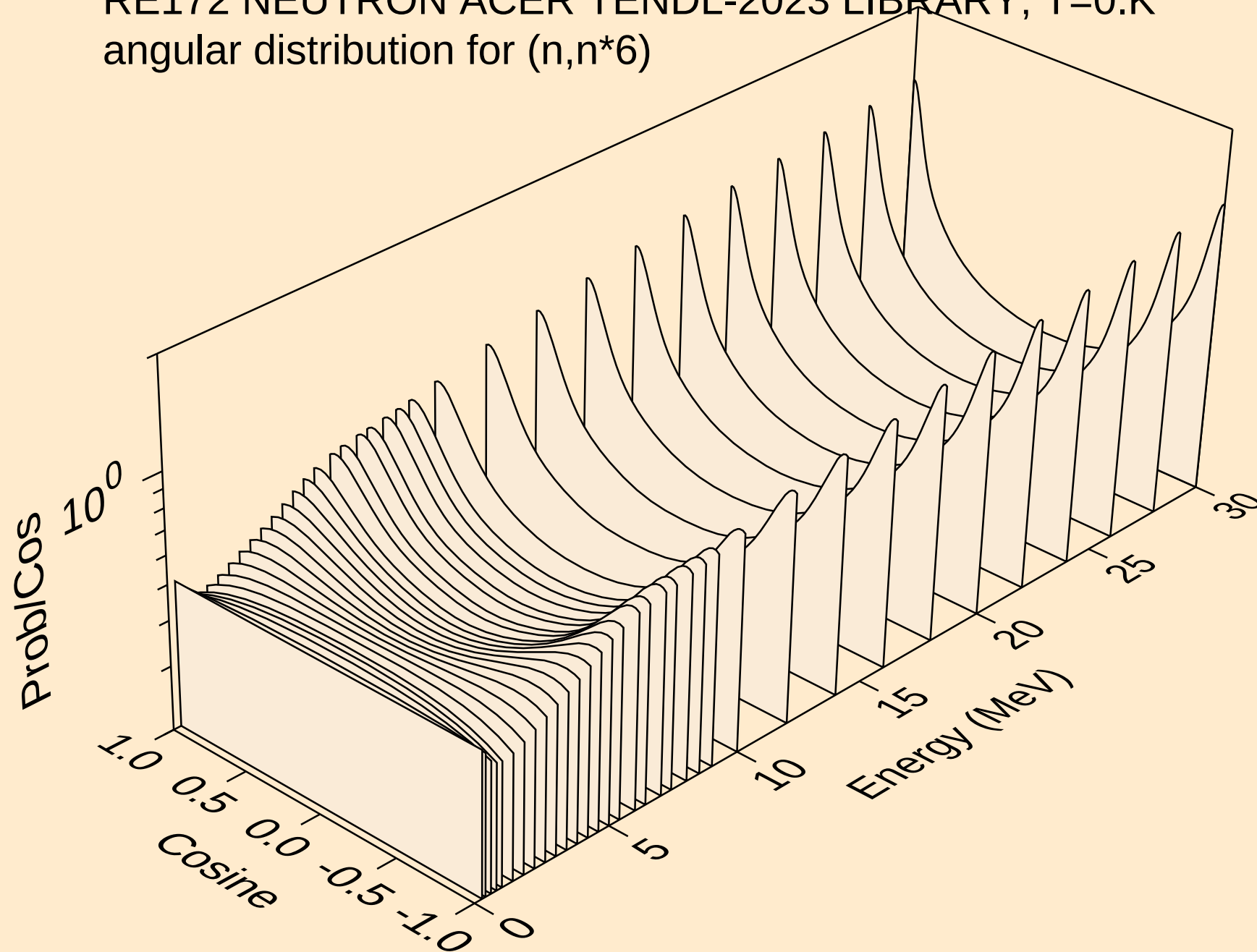
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



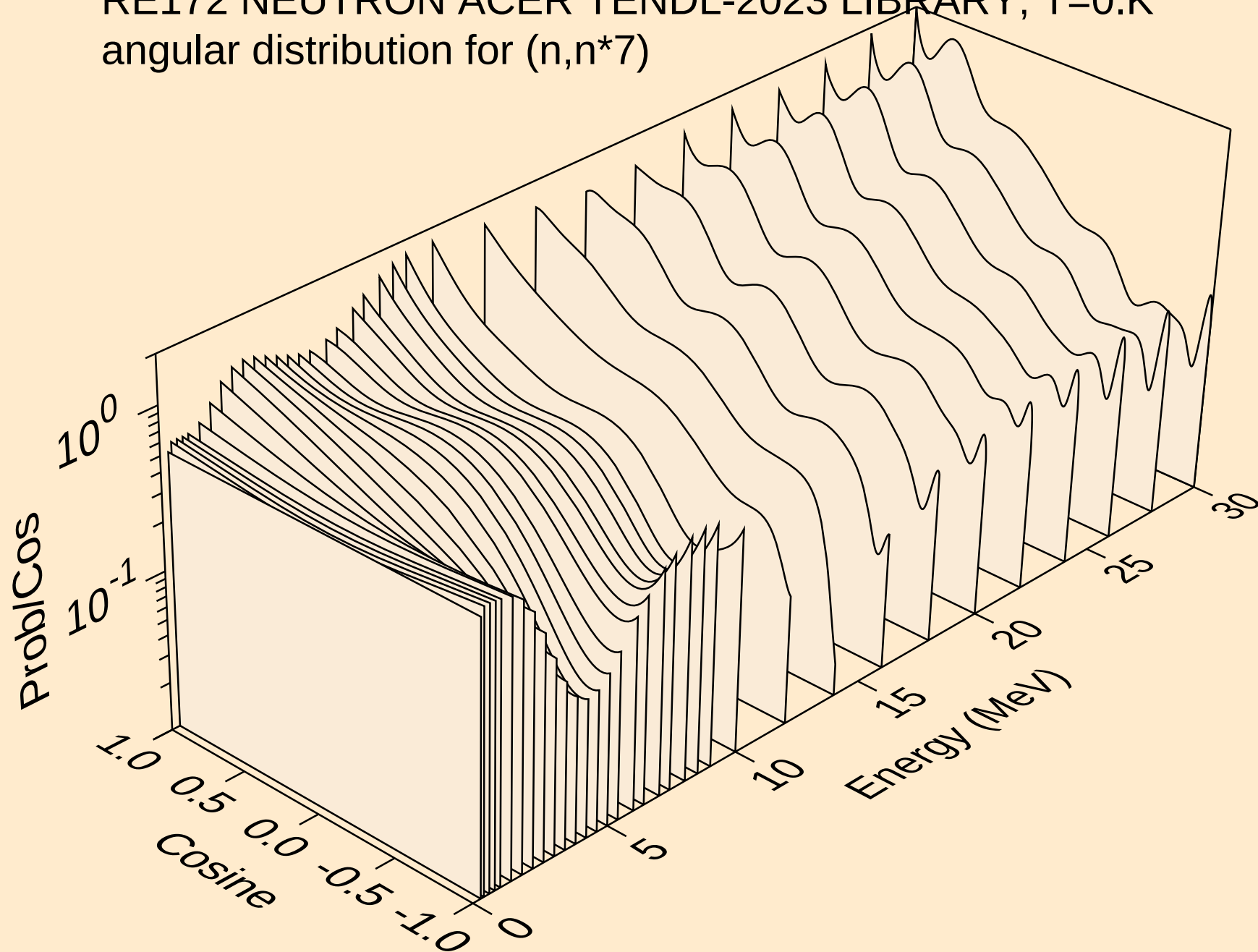
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



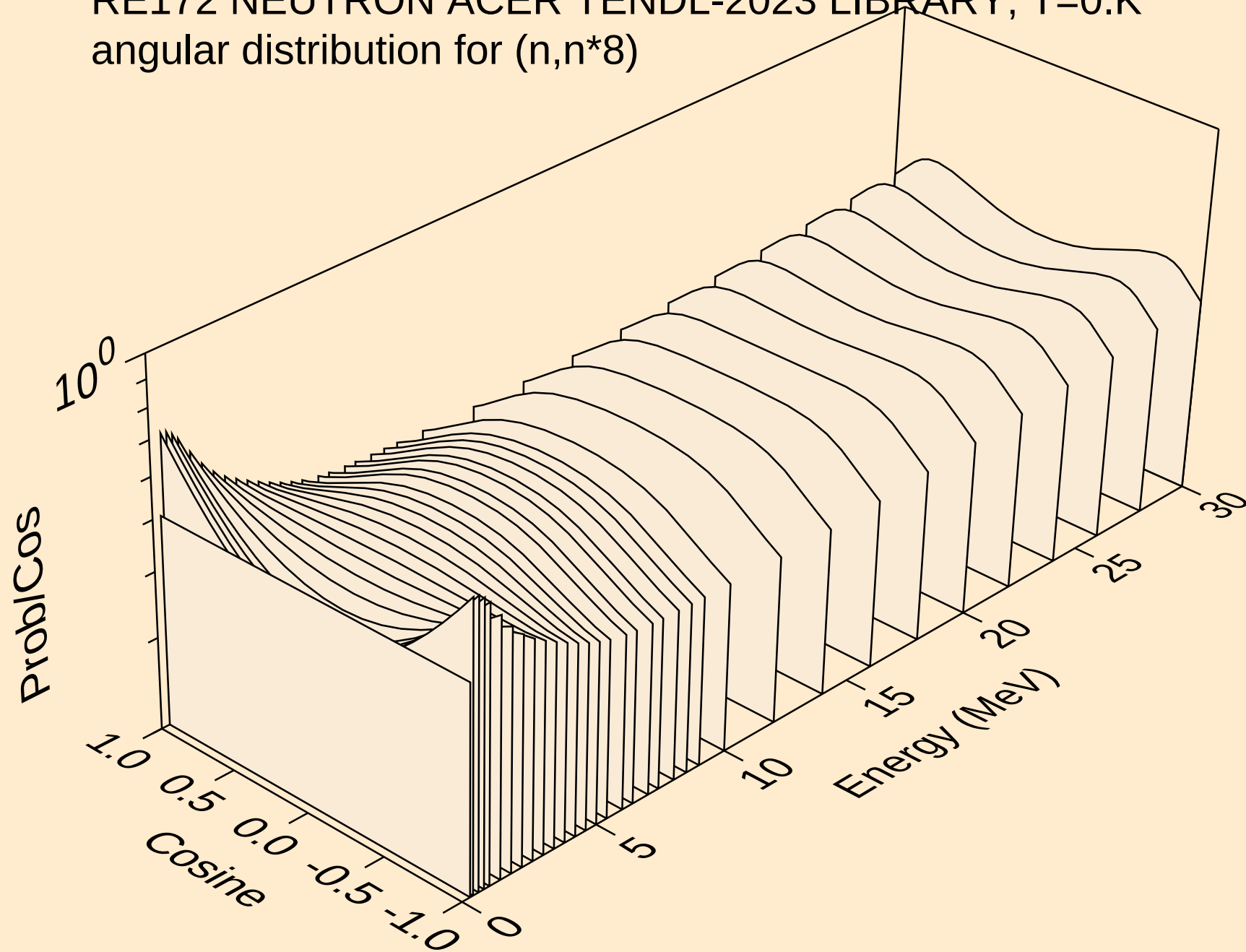
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



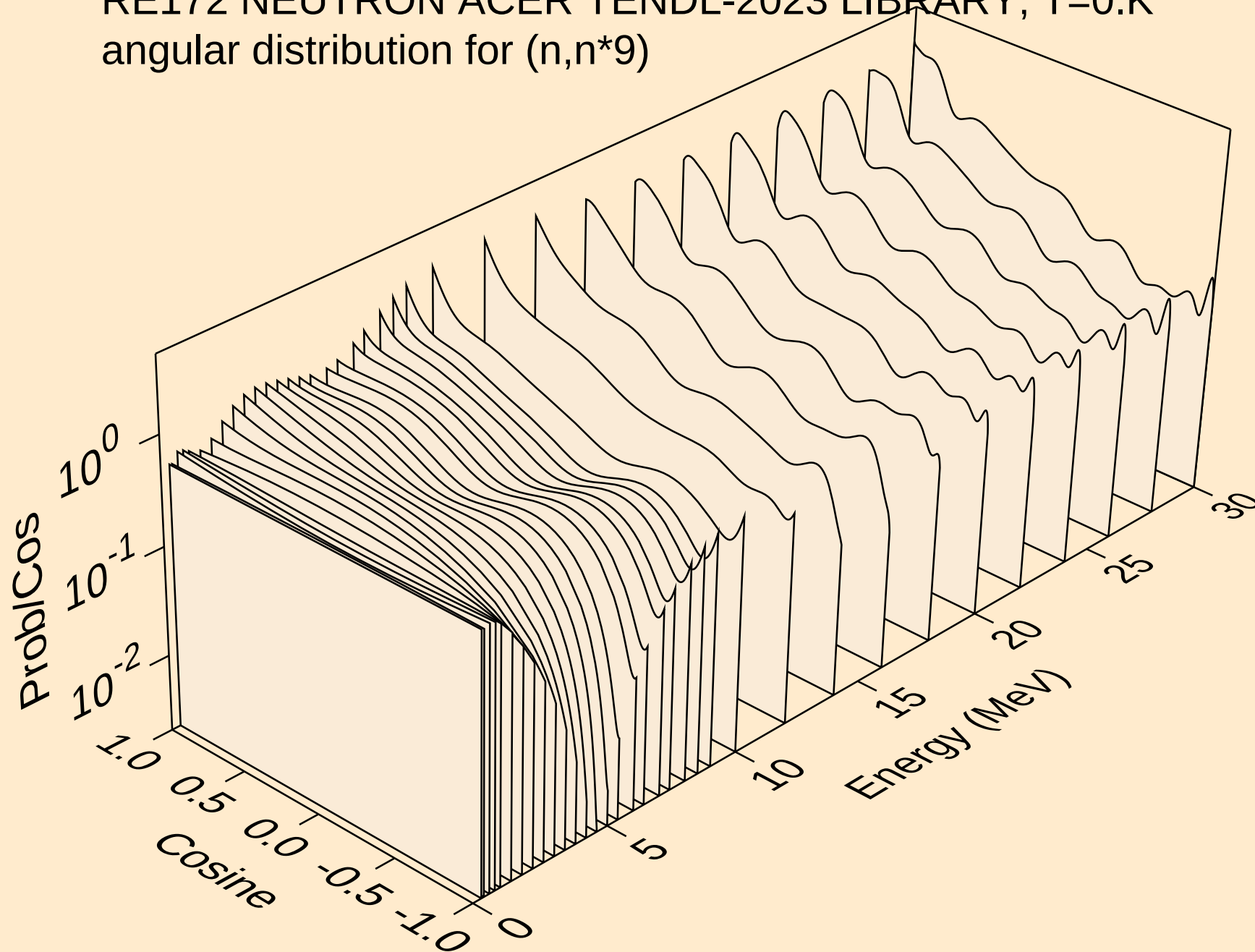
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



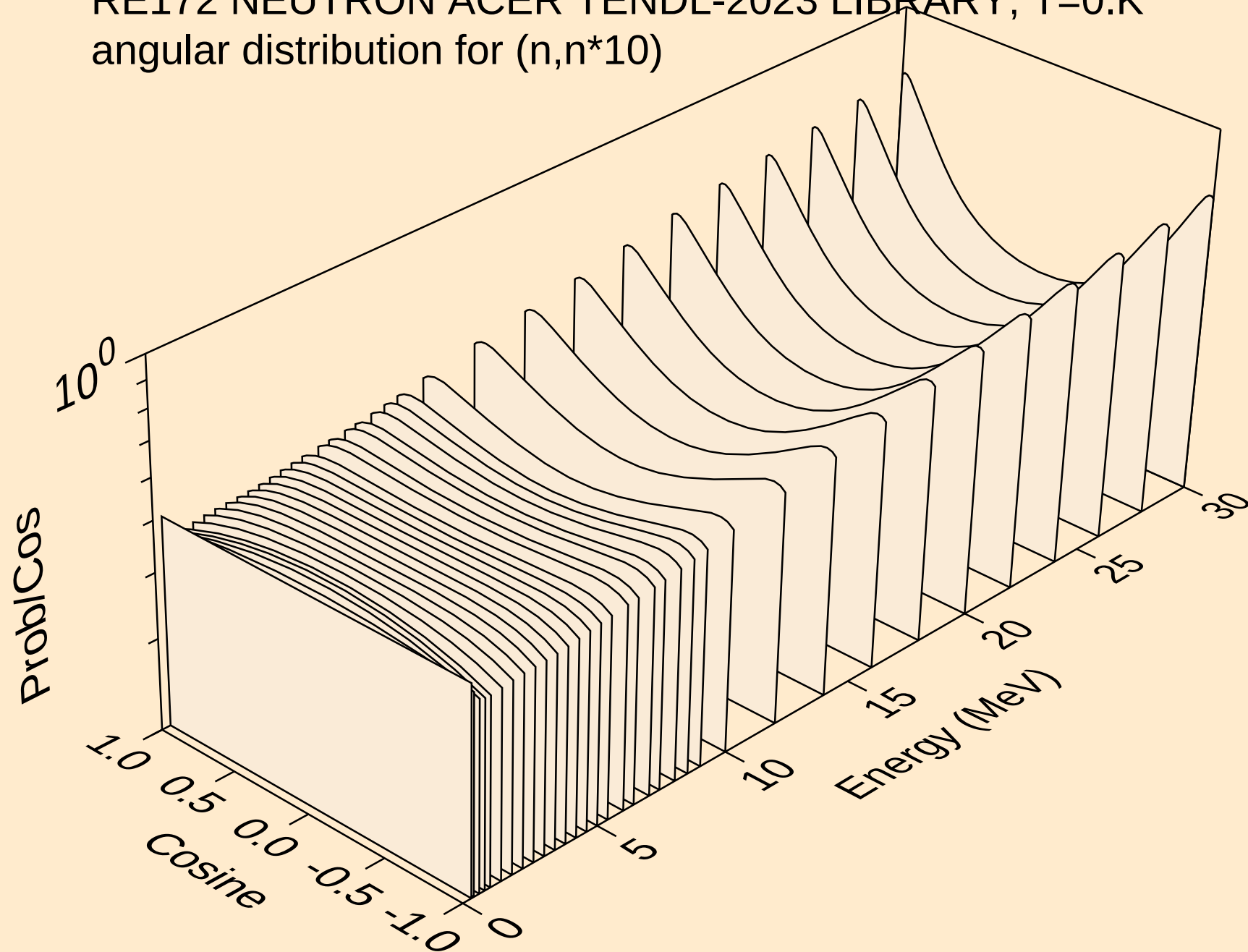
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



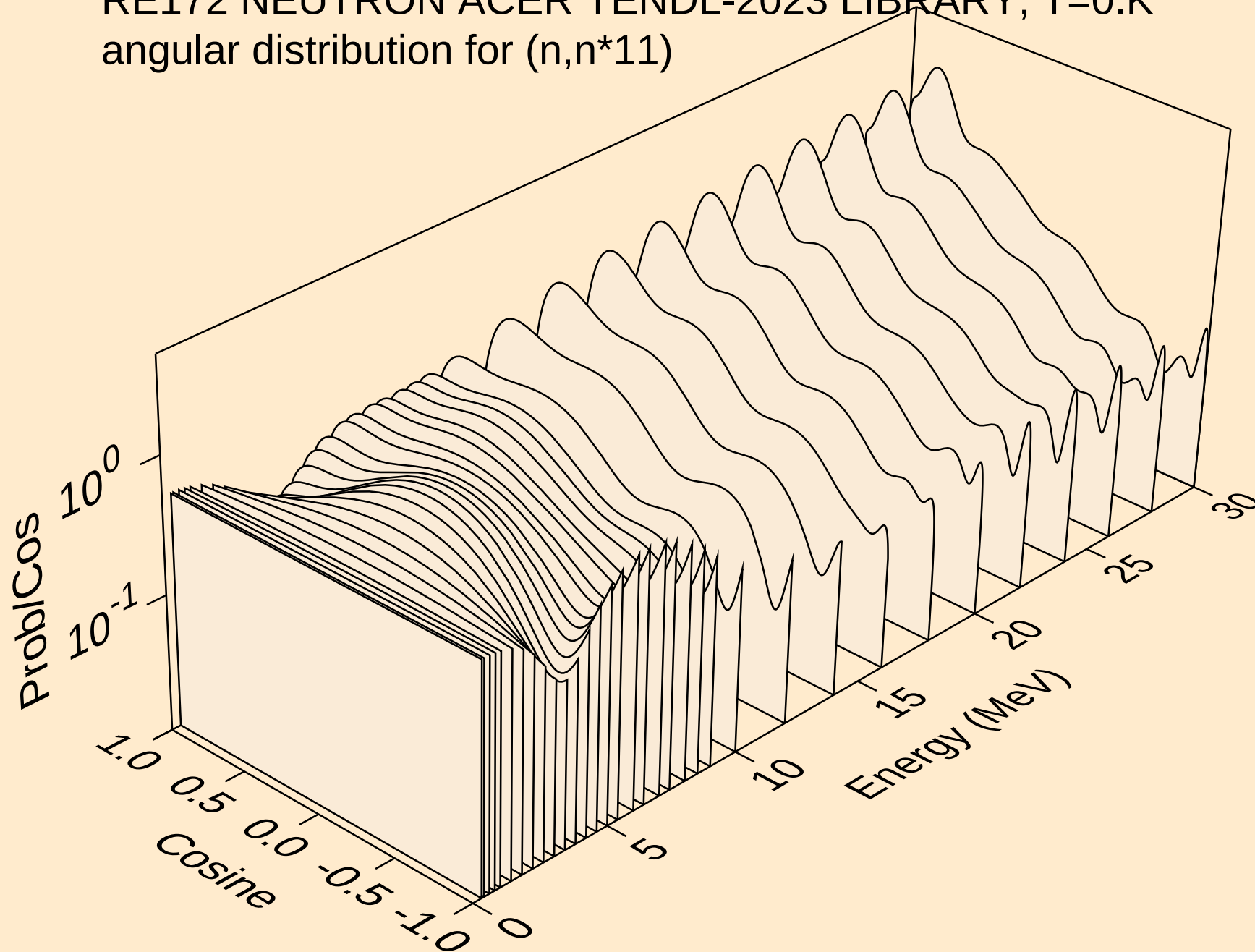
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*9)



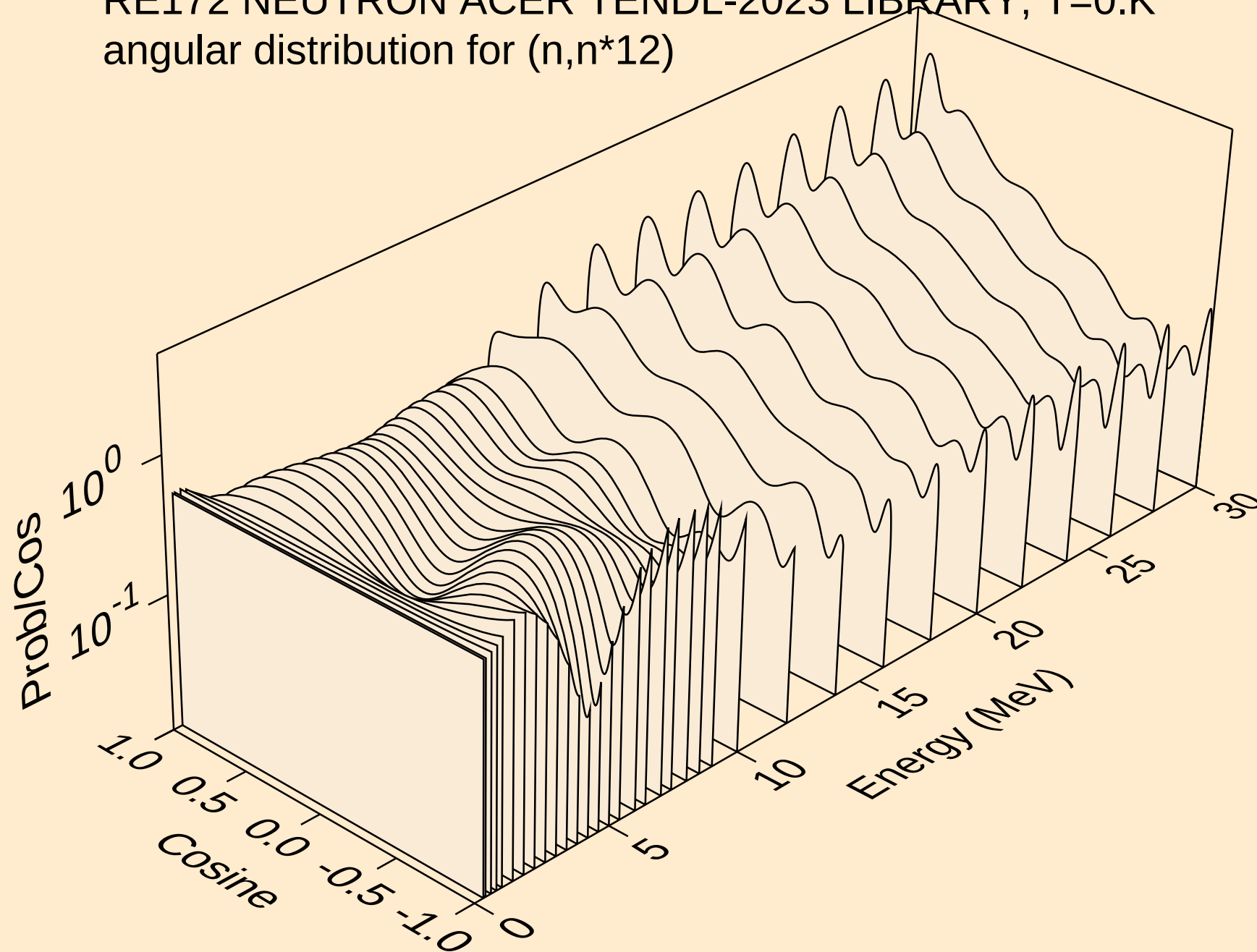
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*10)



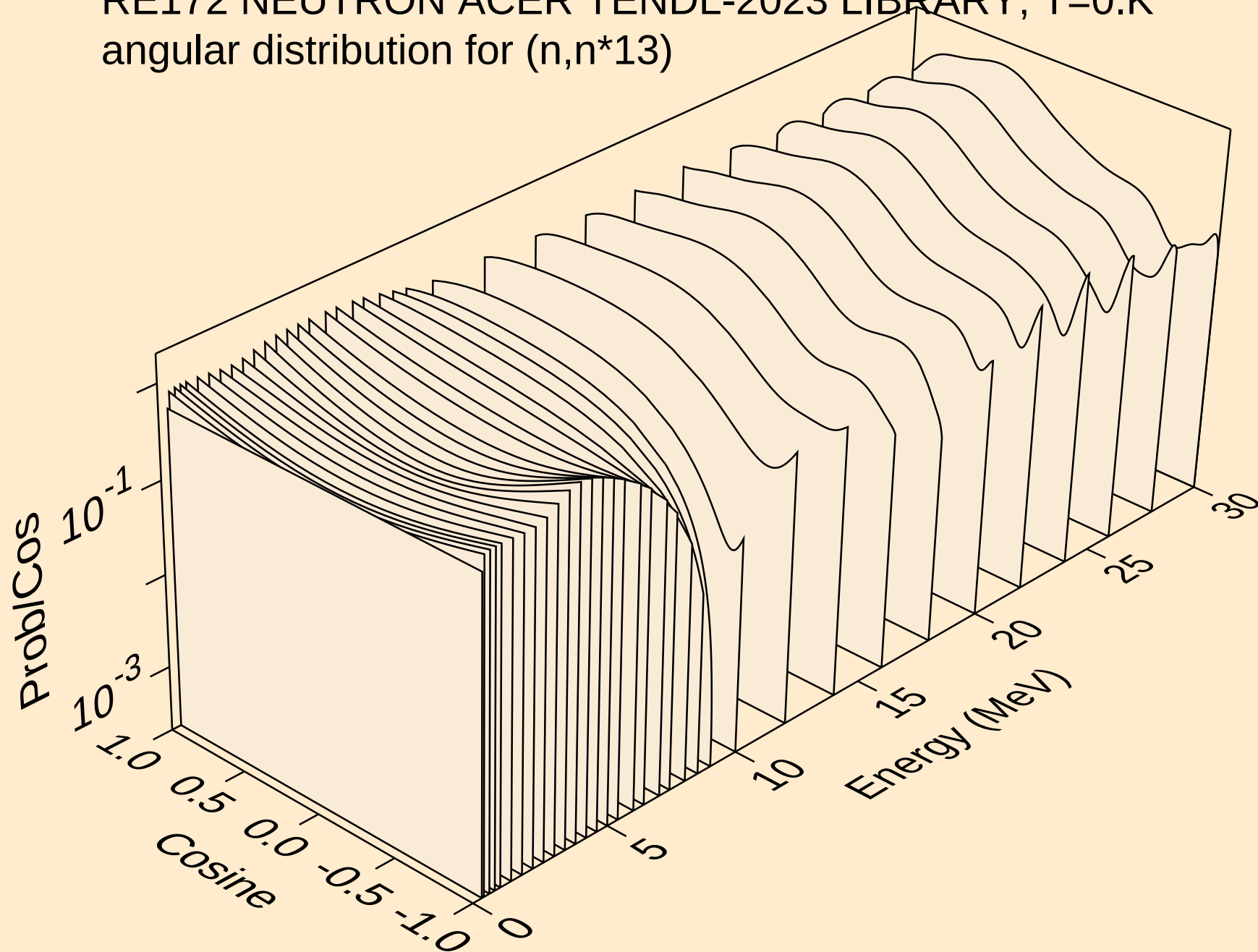
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*11)



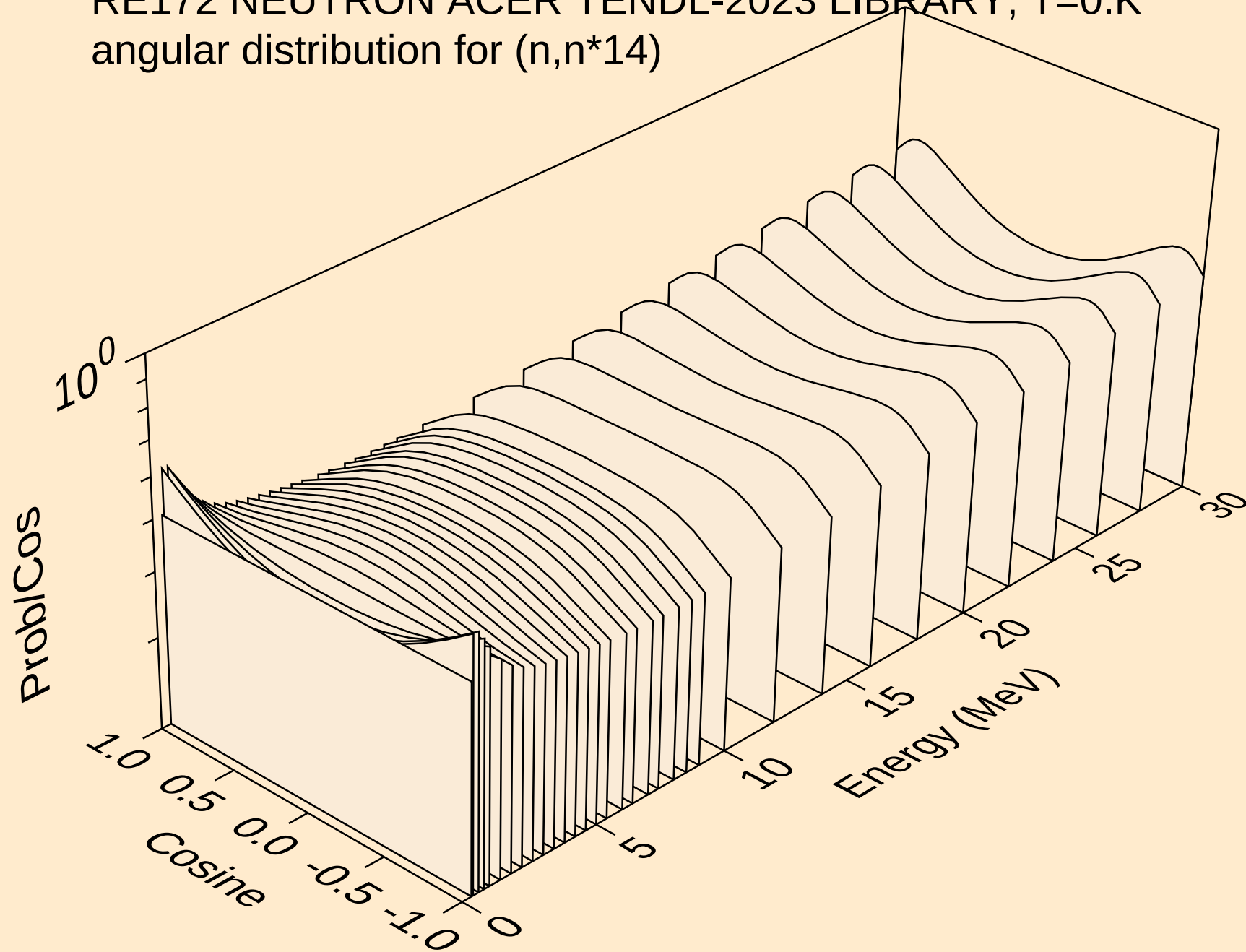
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angular distribution for (n,n*12)



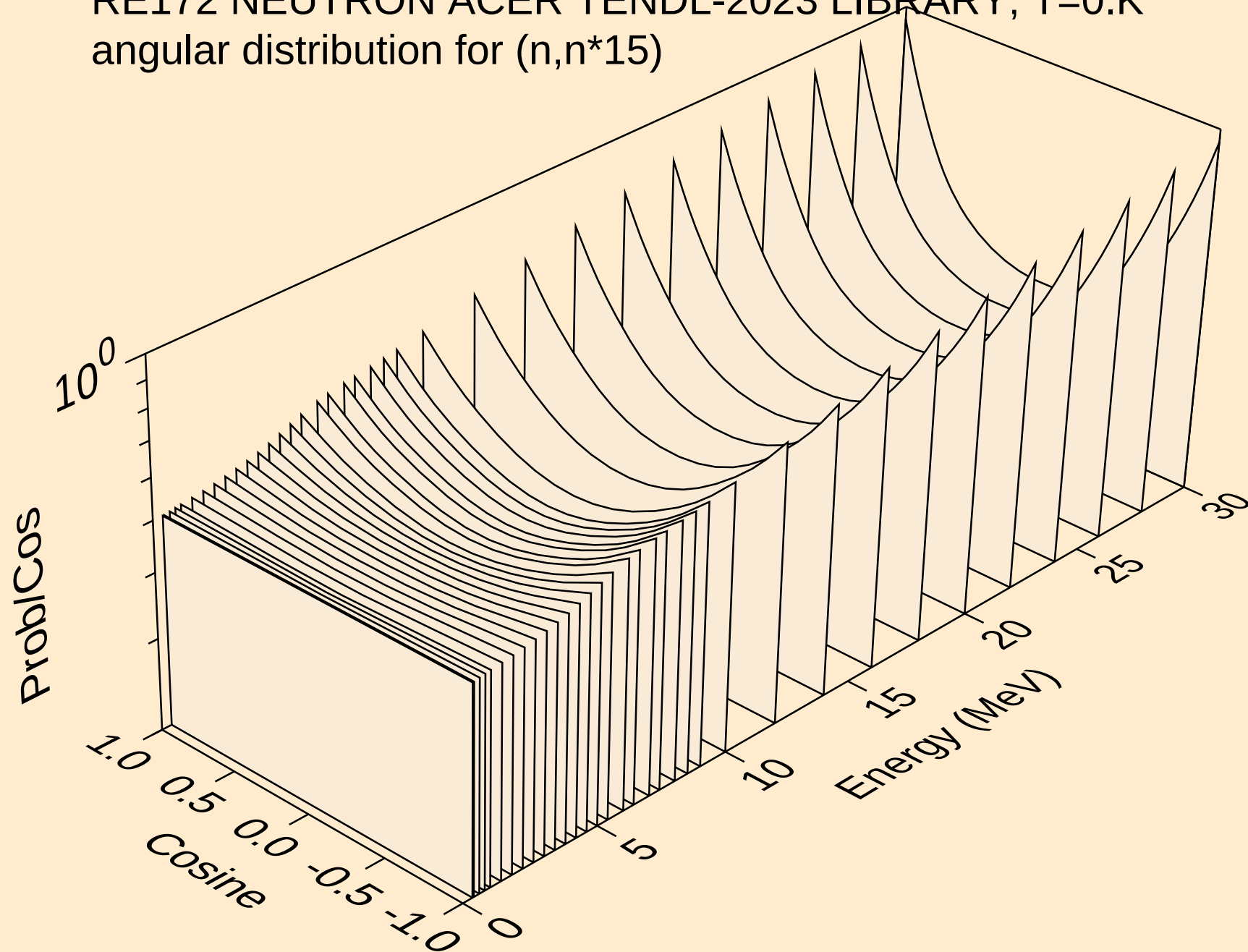
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*13)



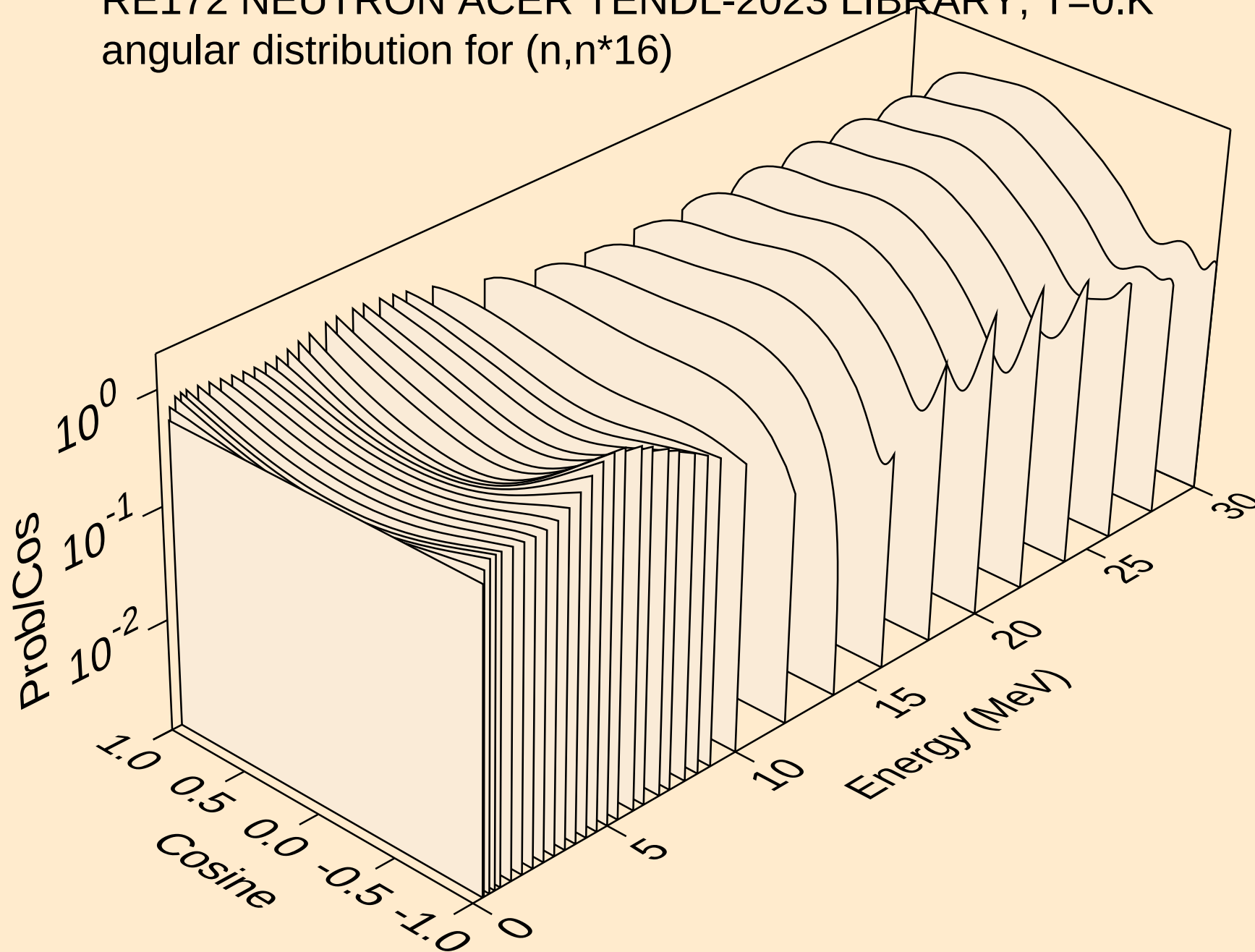
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*14)



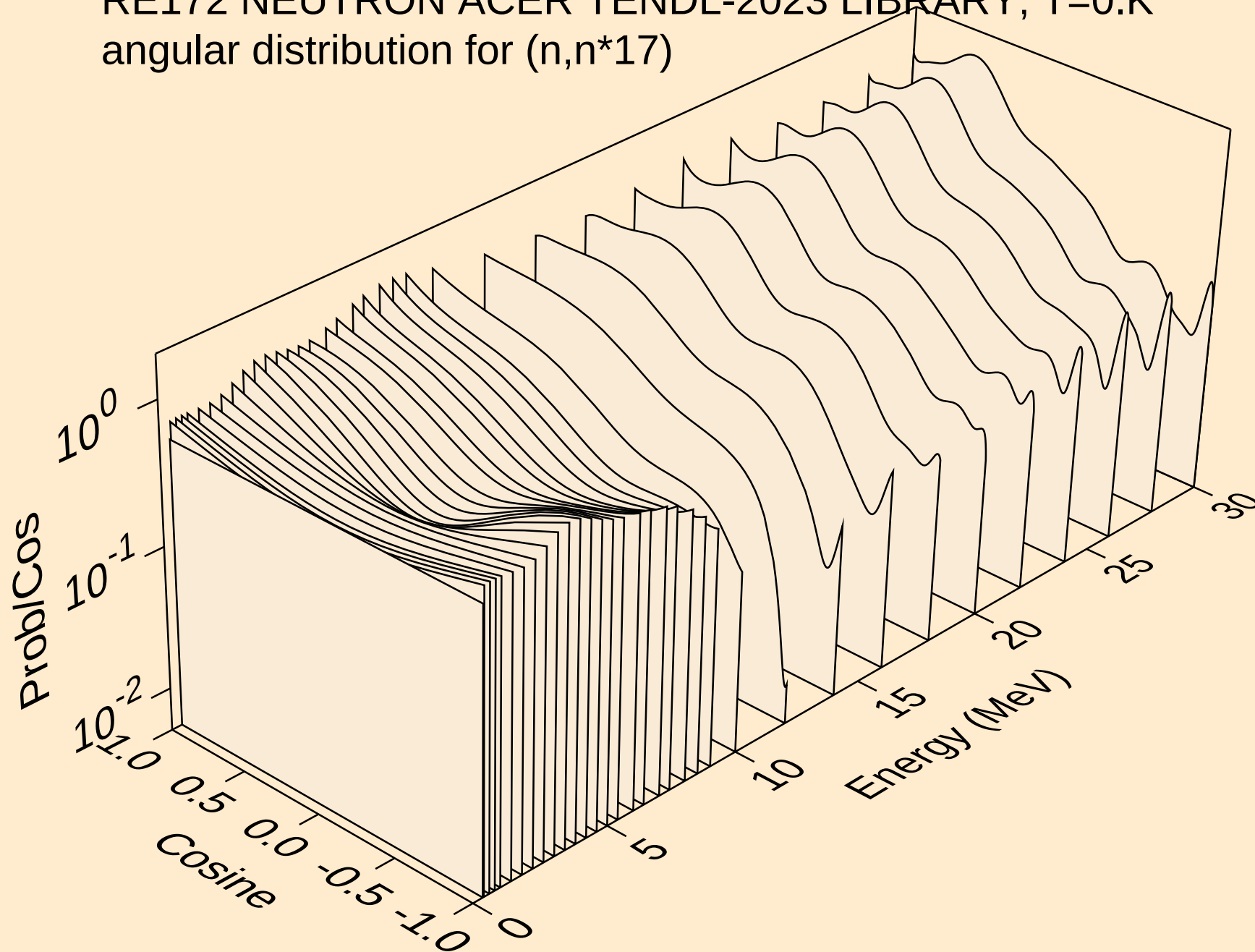
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*15)



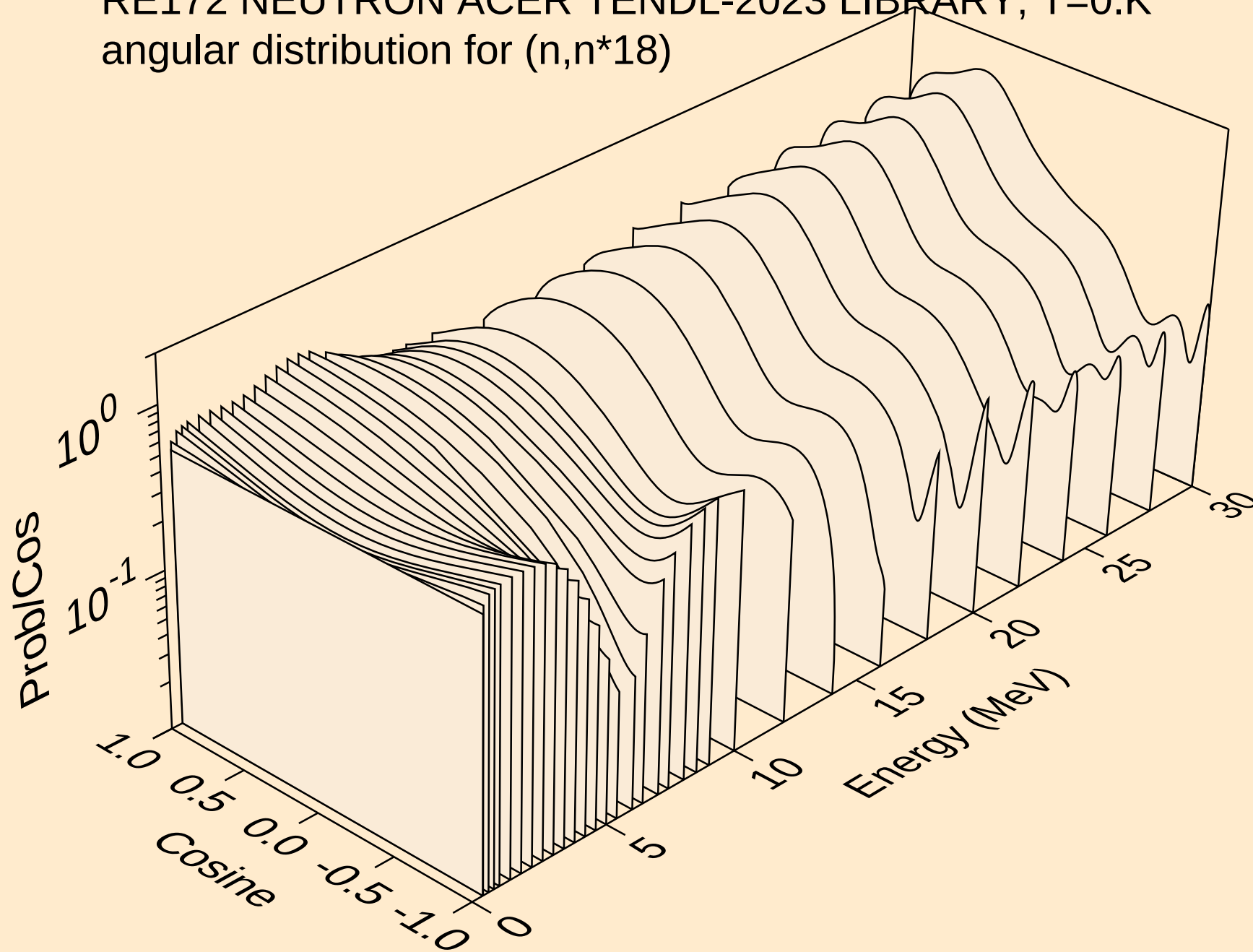
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*16)



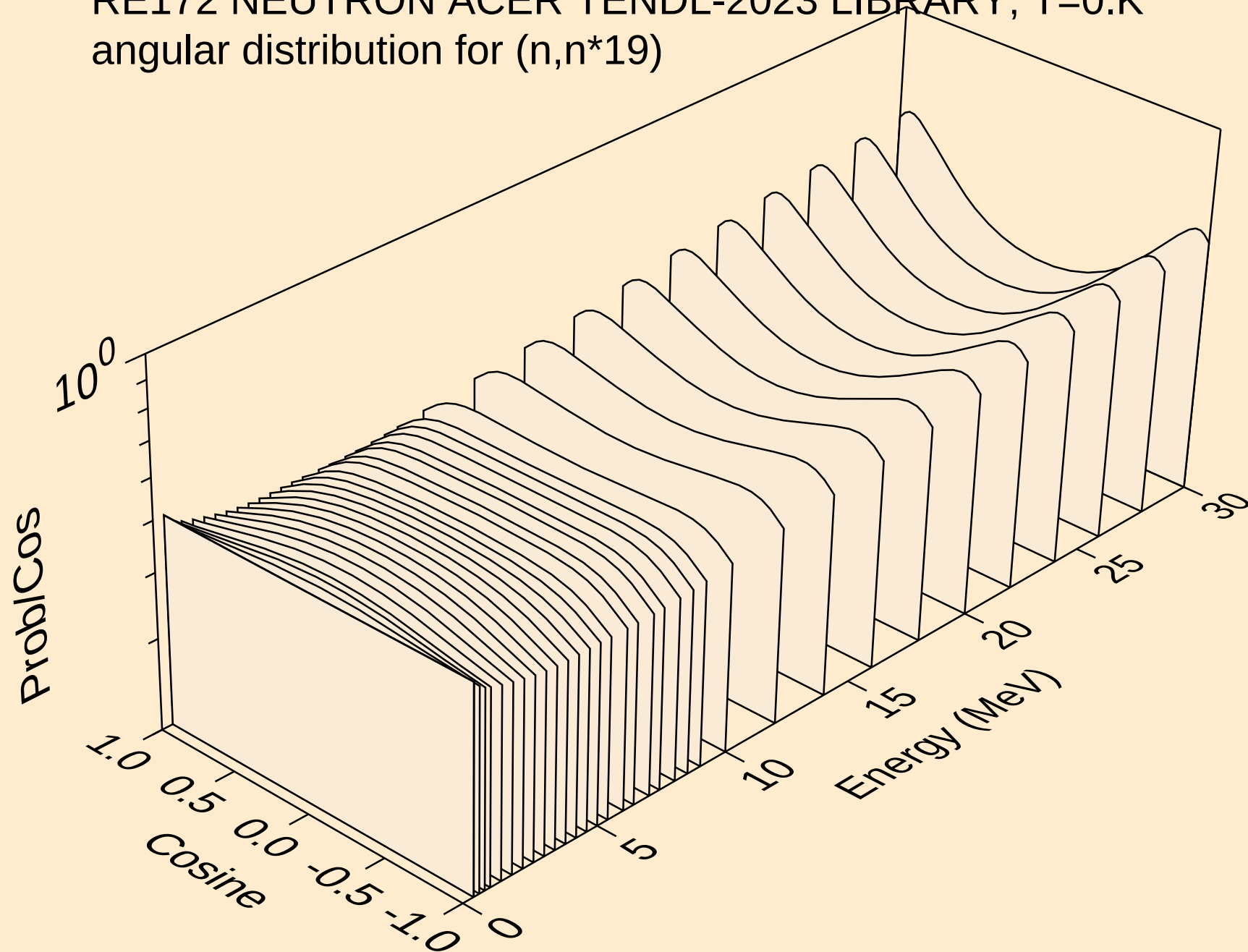
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angular distribution for (n,n*17)



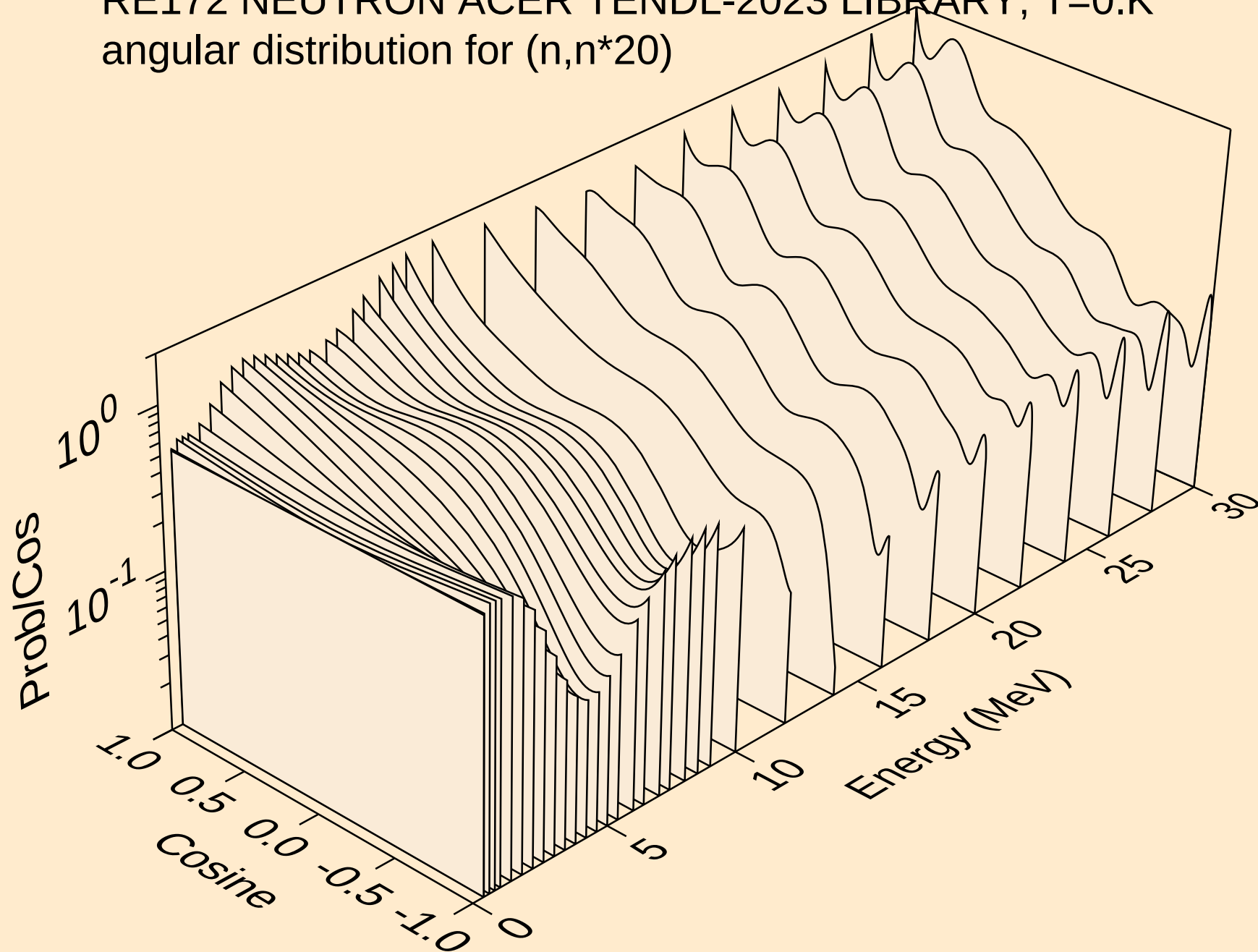
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*18)



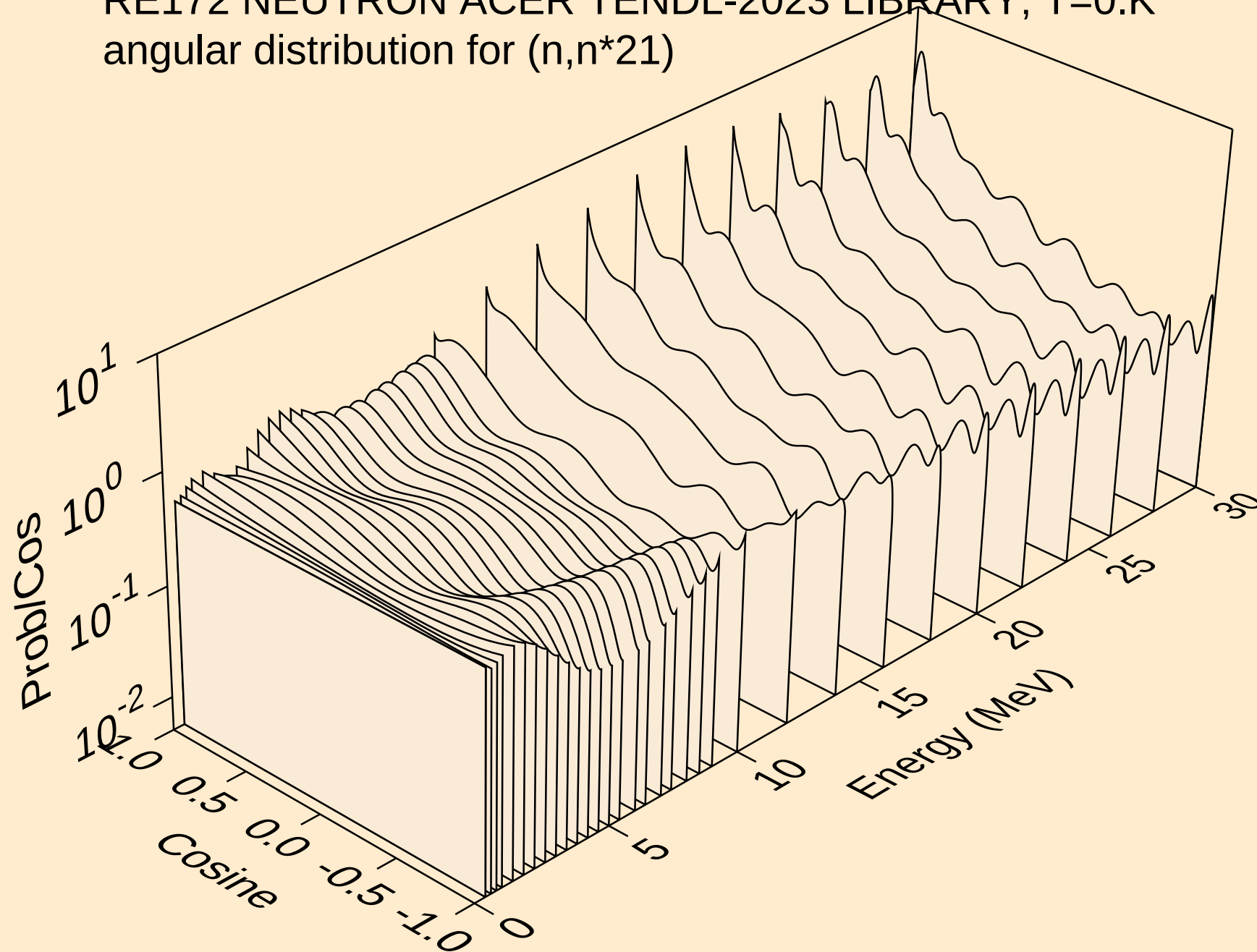
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*19)



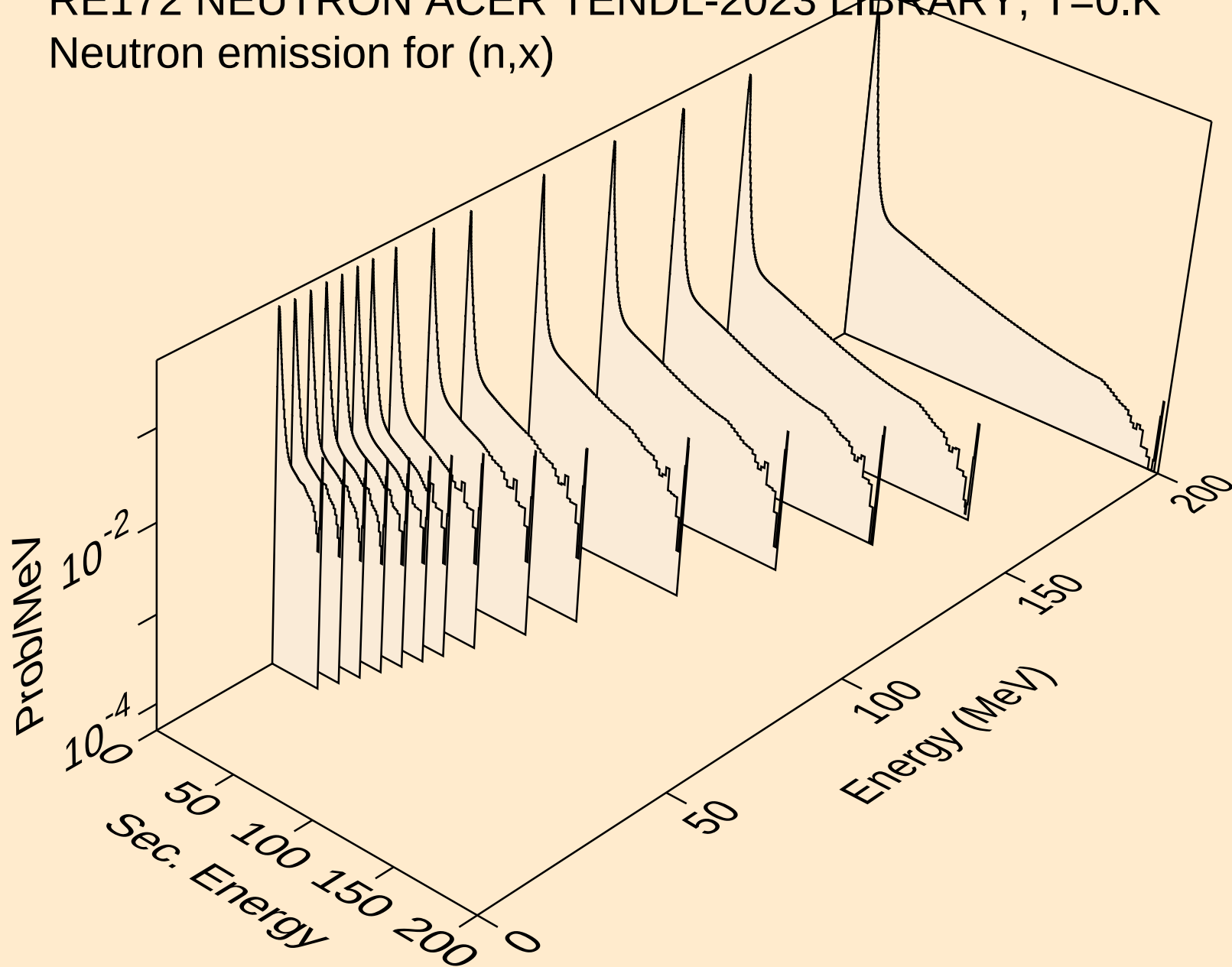
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*20)



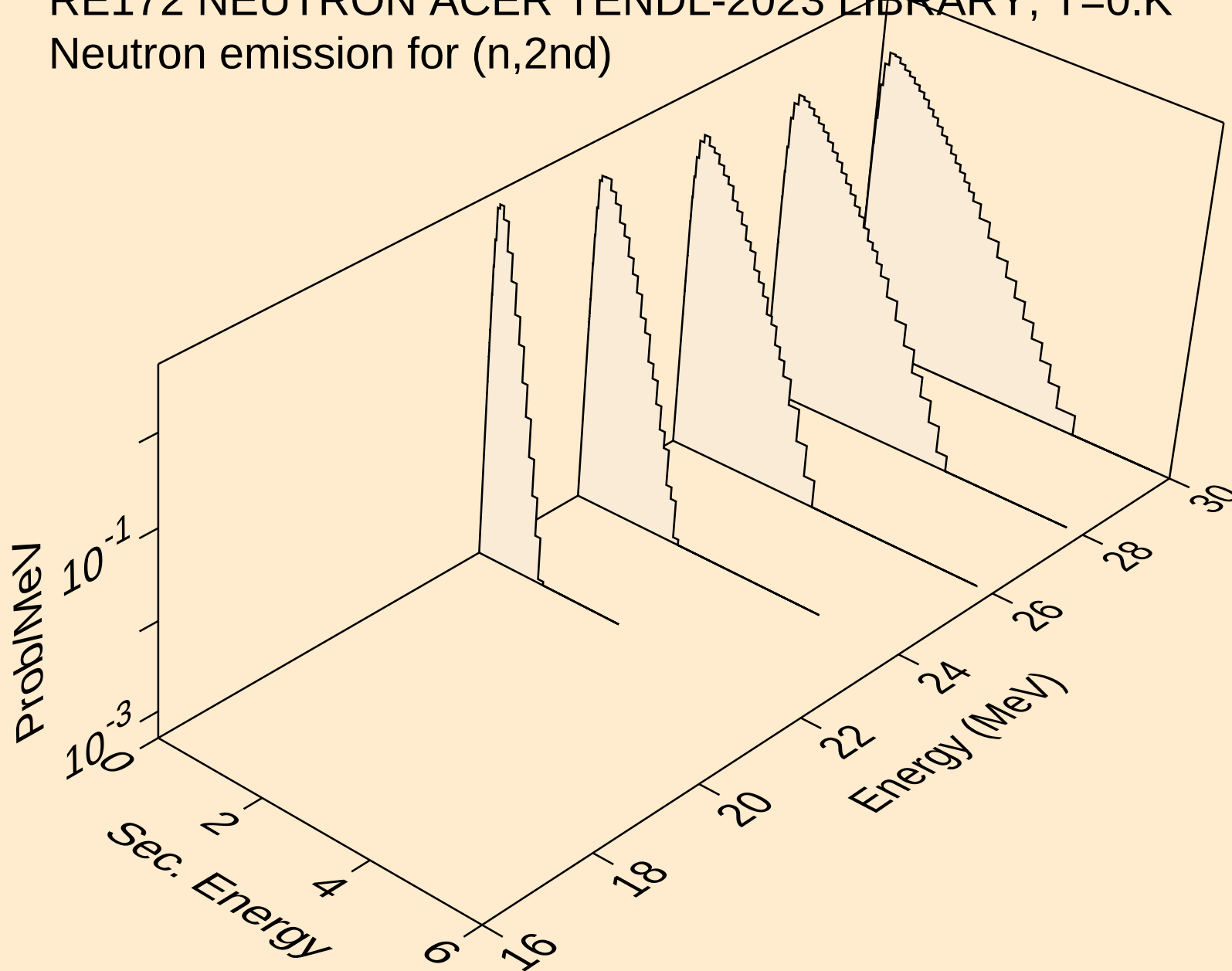
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*21)



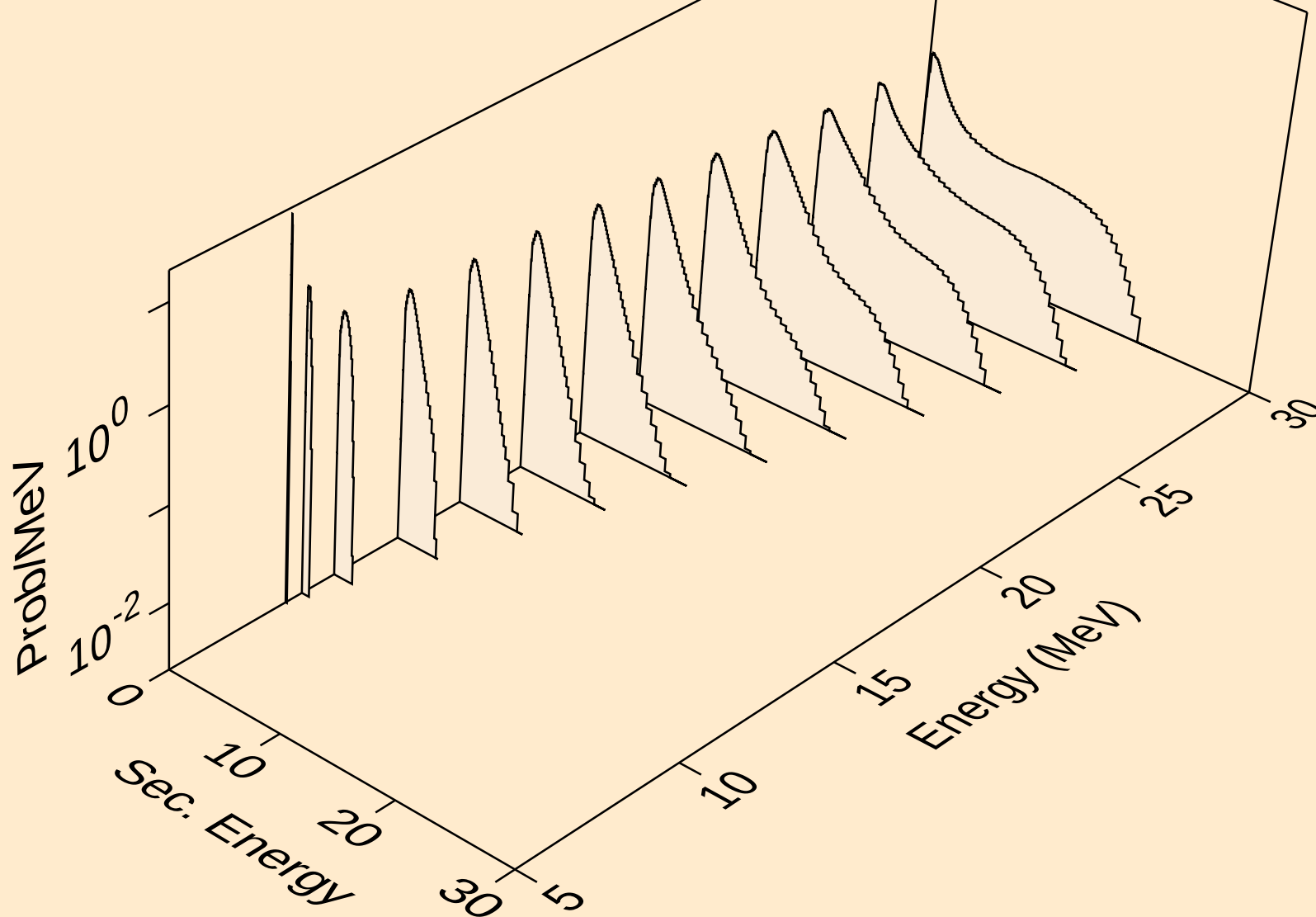
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



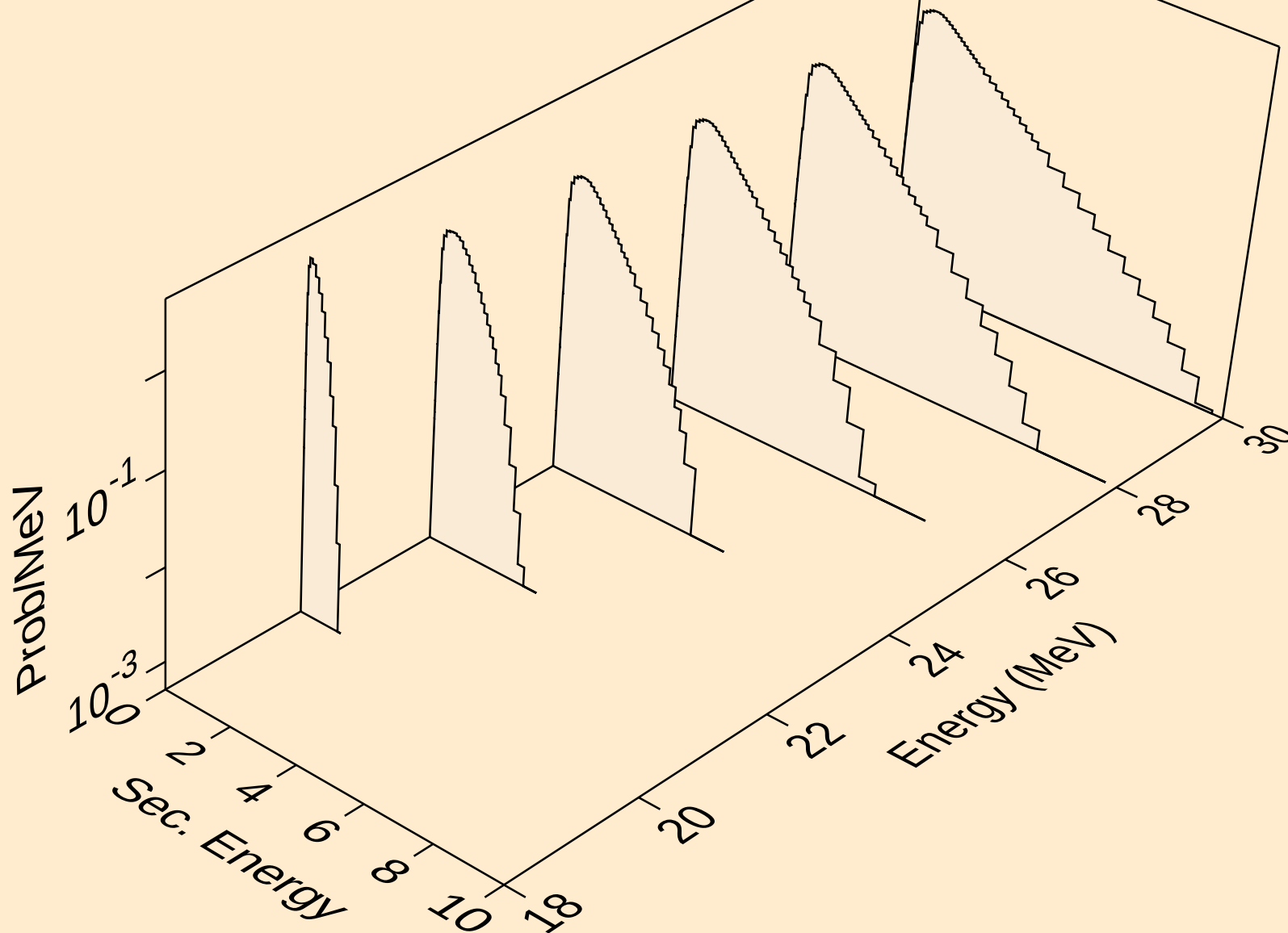
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)

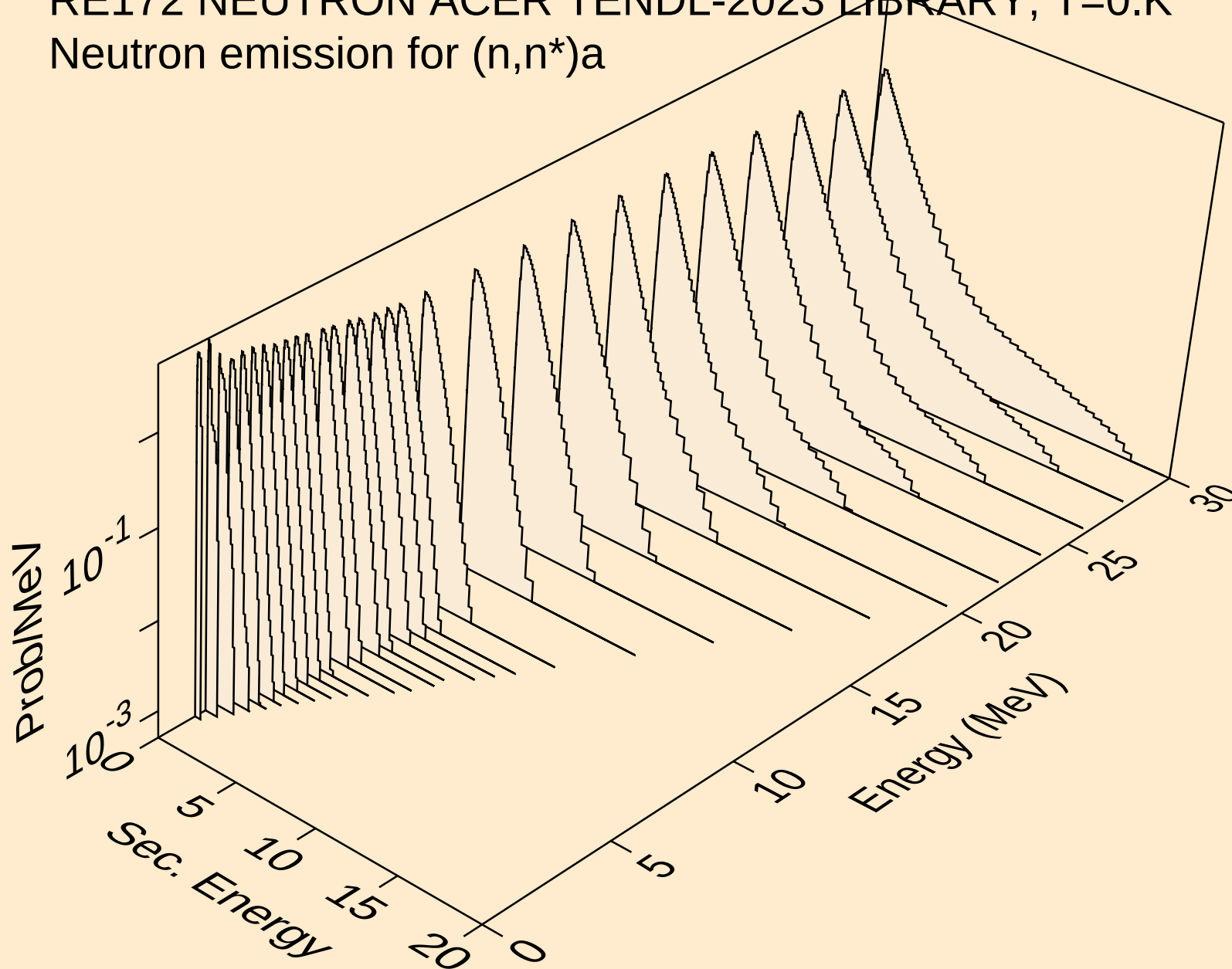


RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)

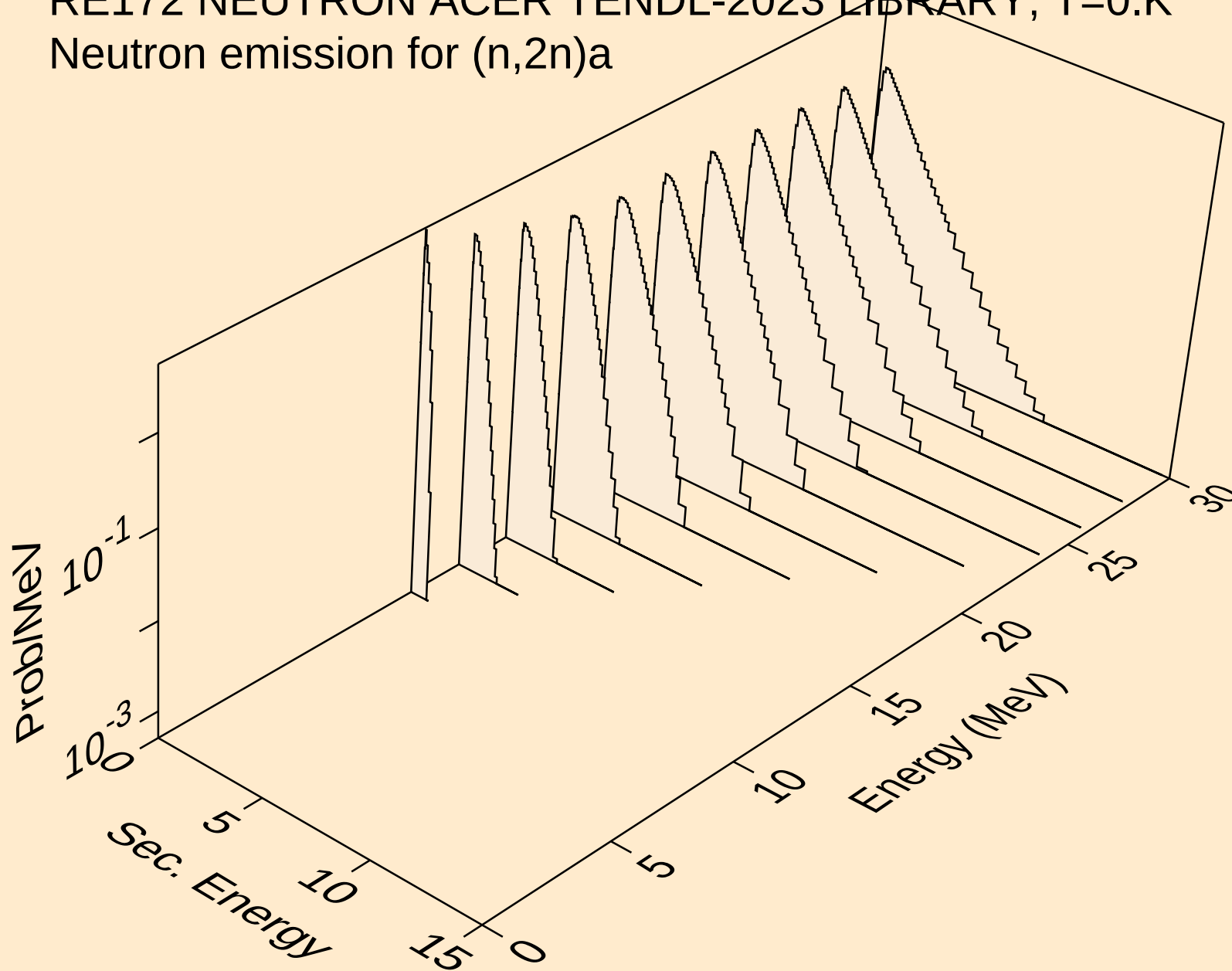


RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

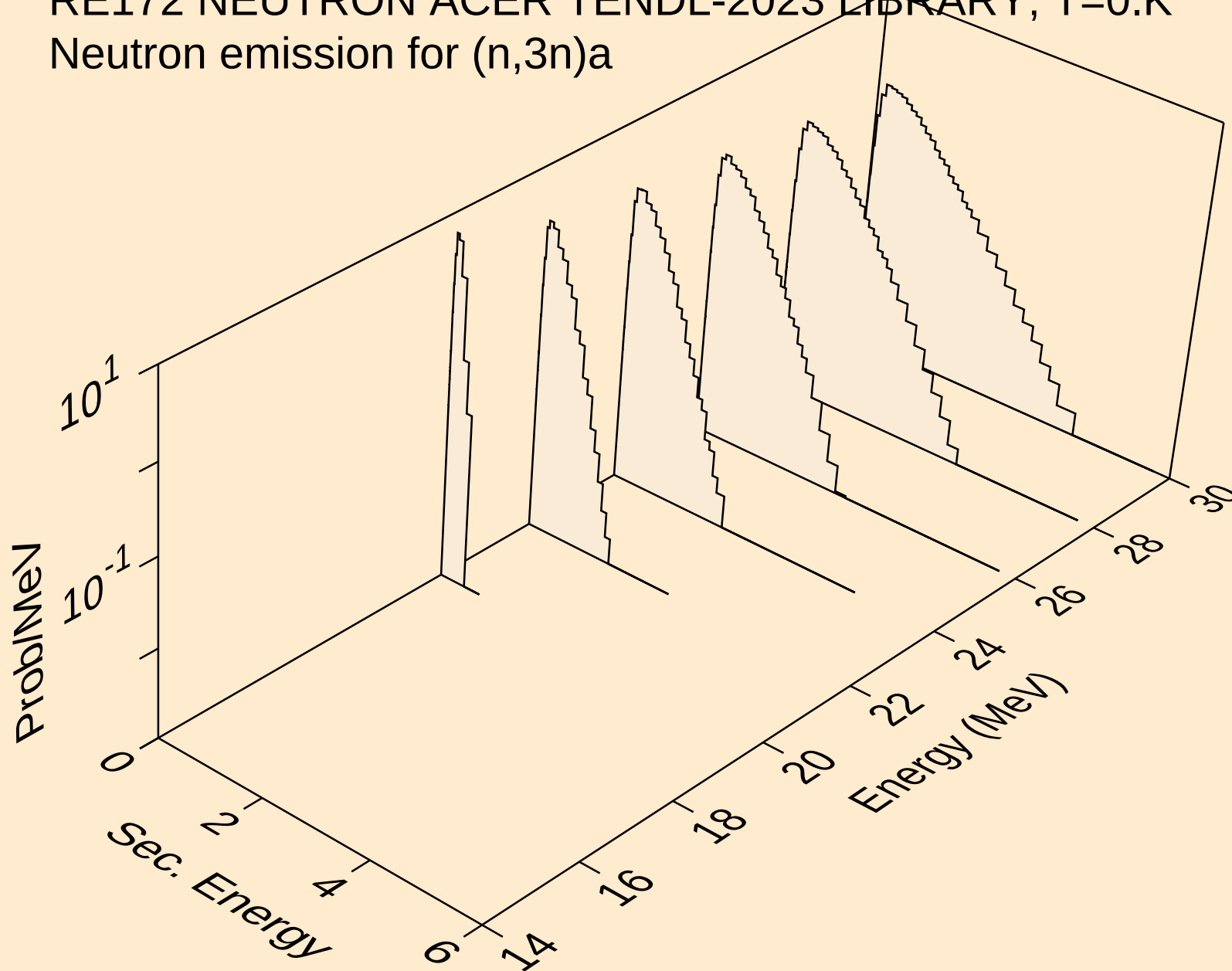
Neutron emission for (n,n*)a



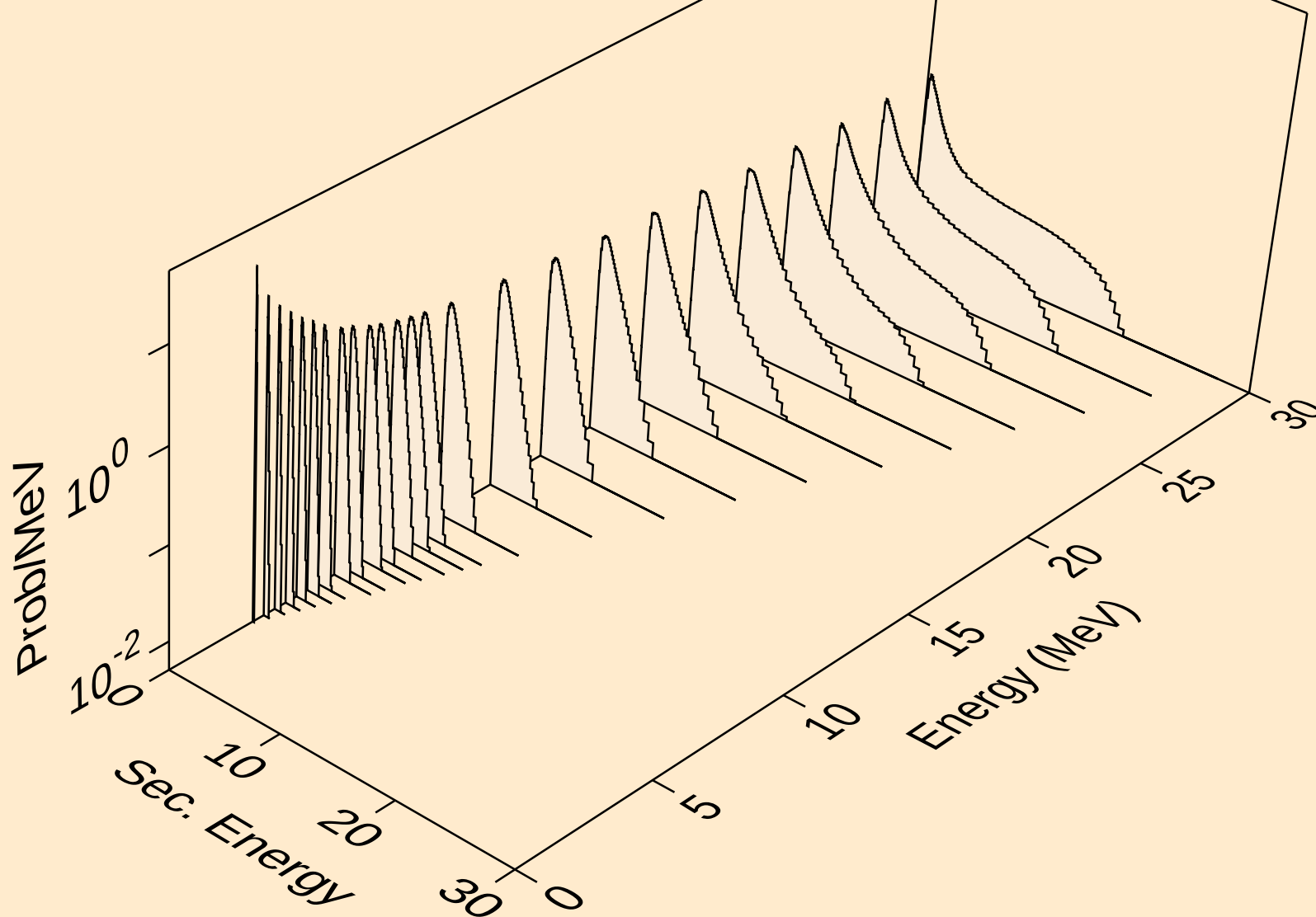
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)_a



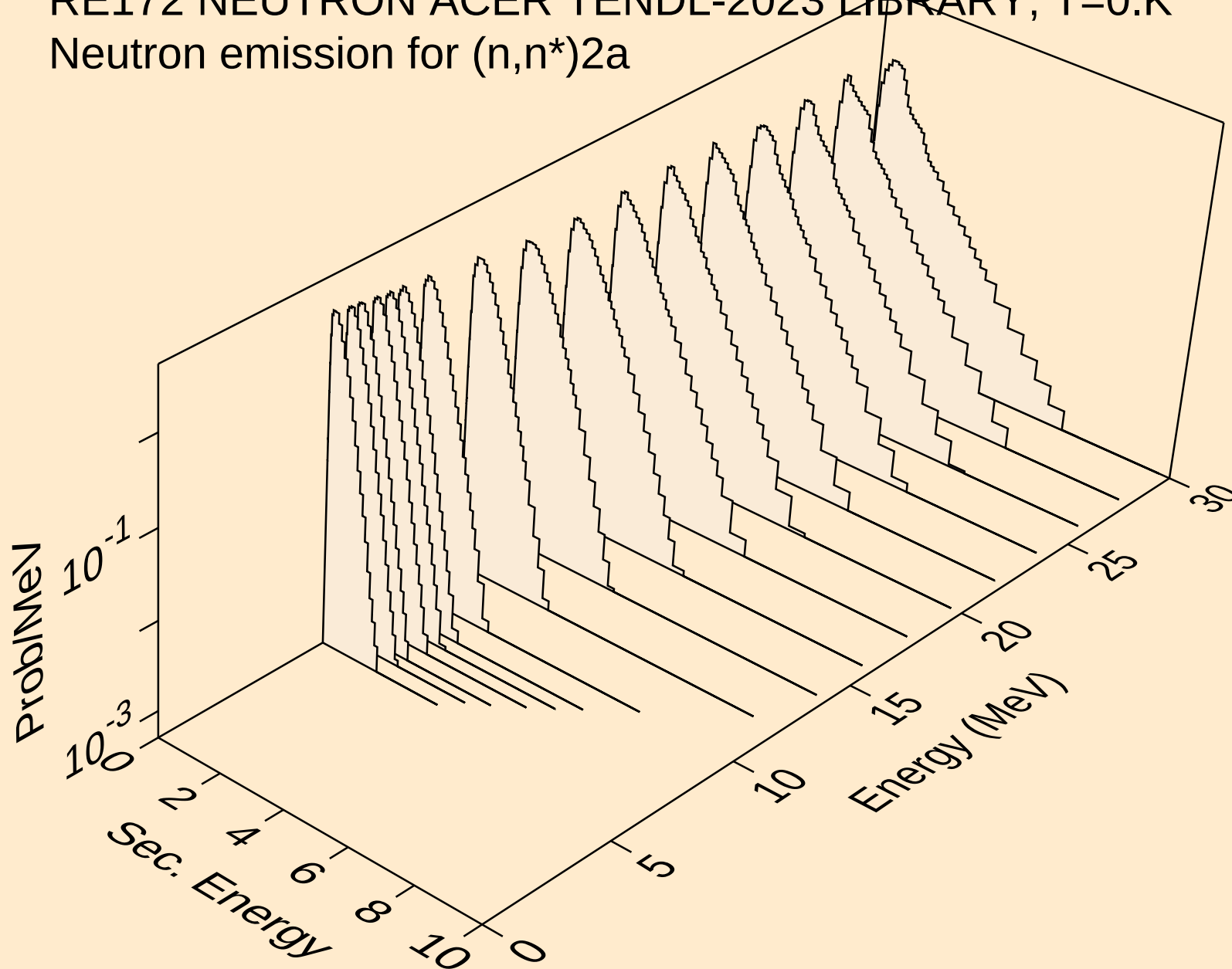
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



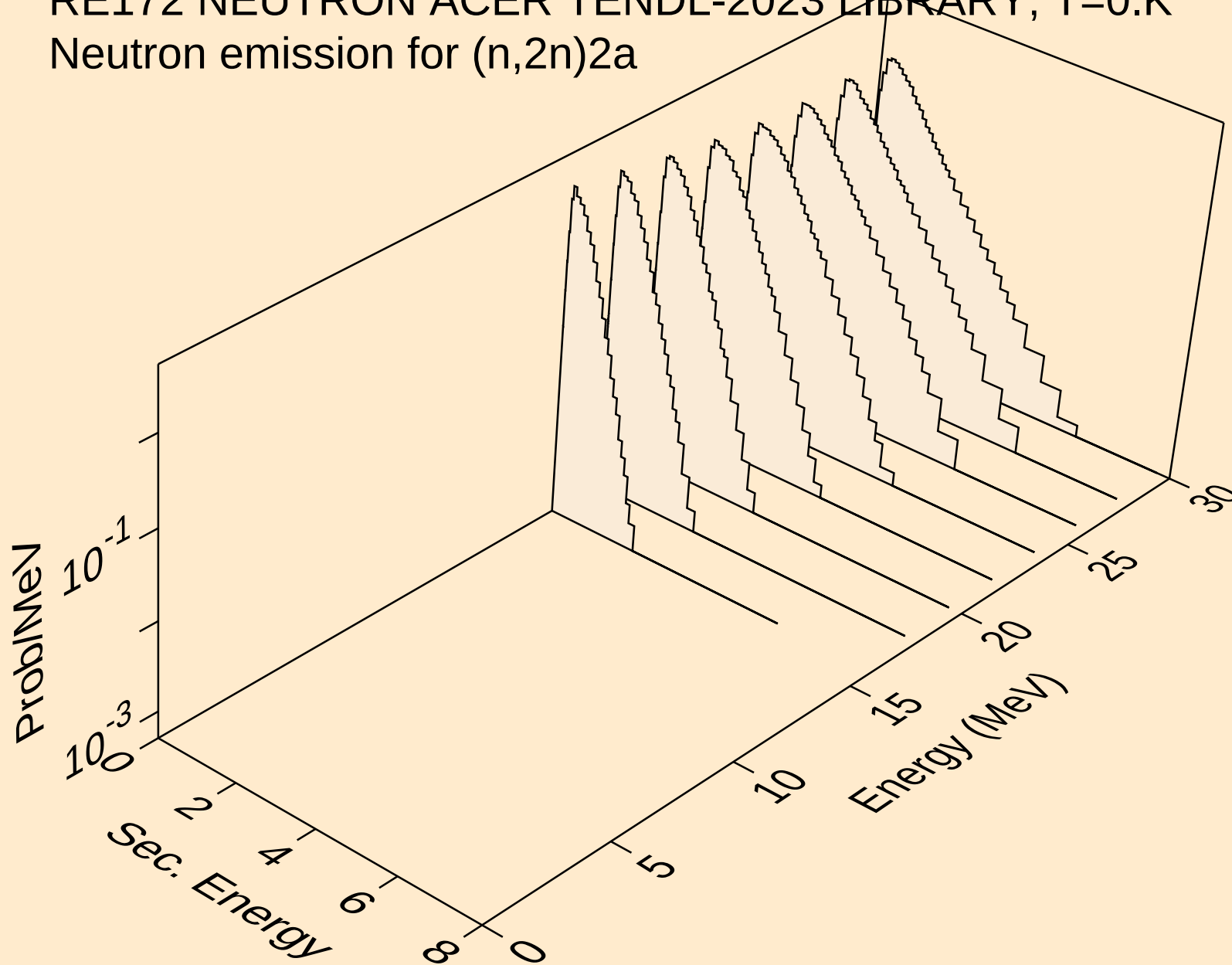
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



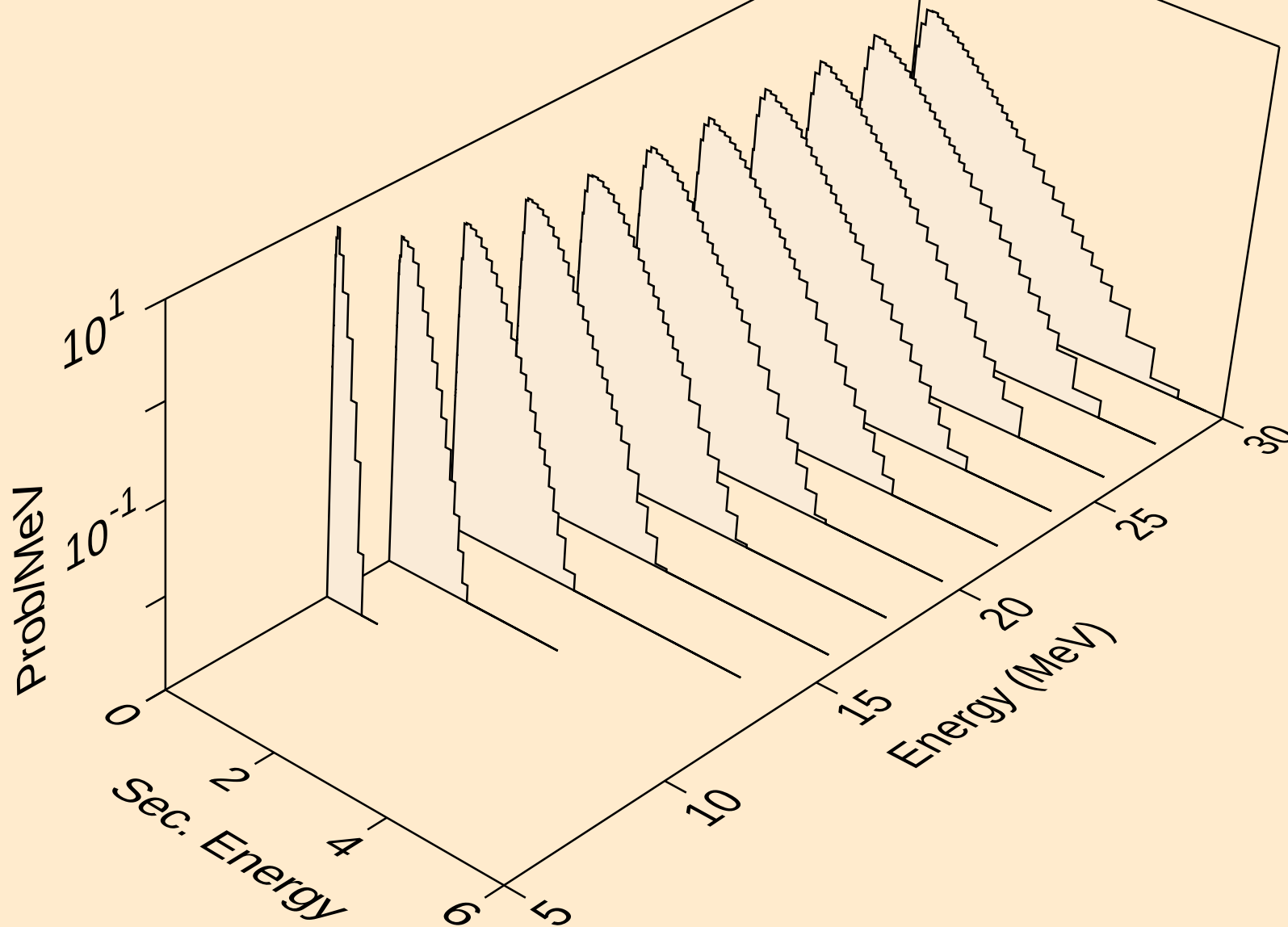
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)2a

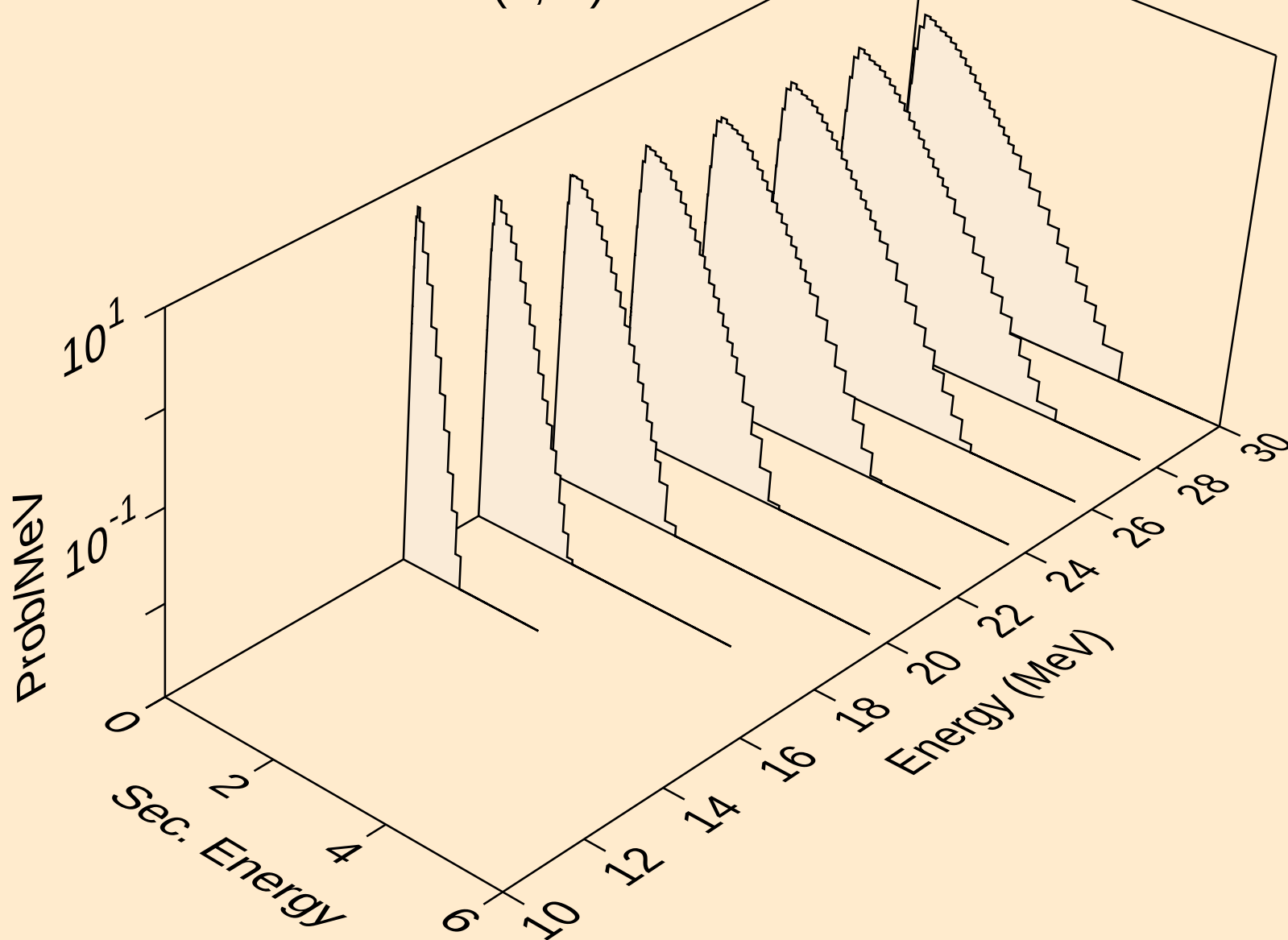


RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d

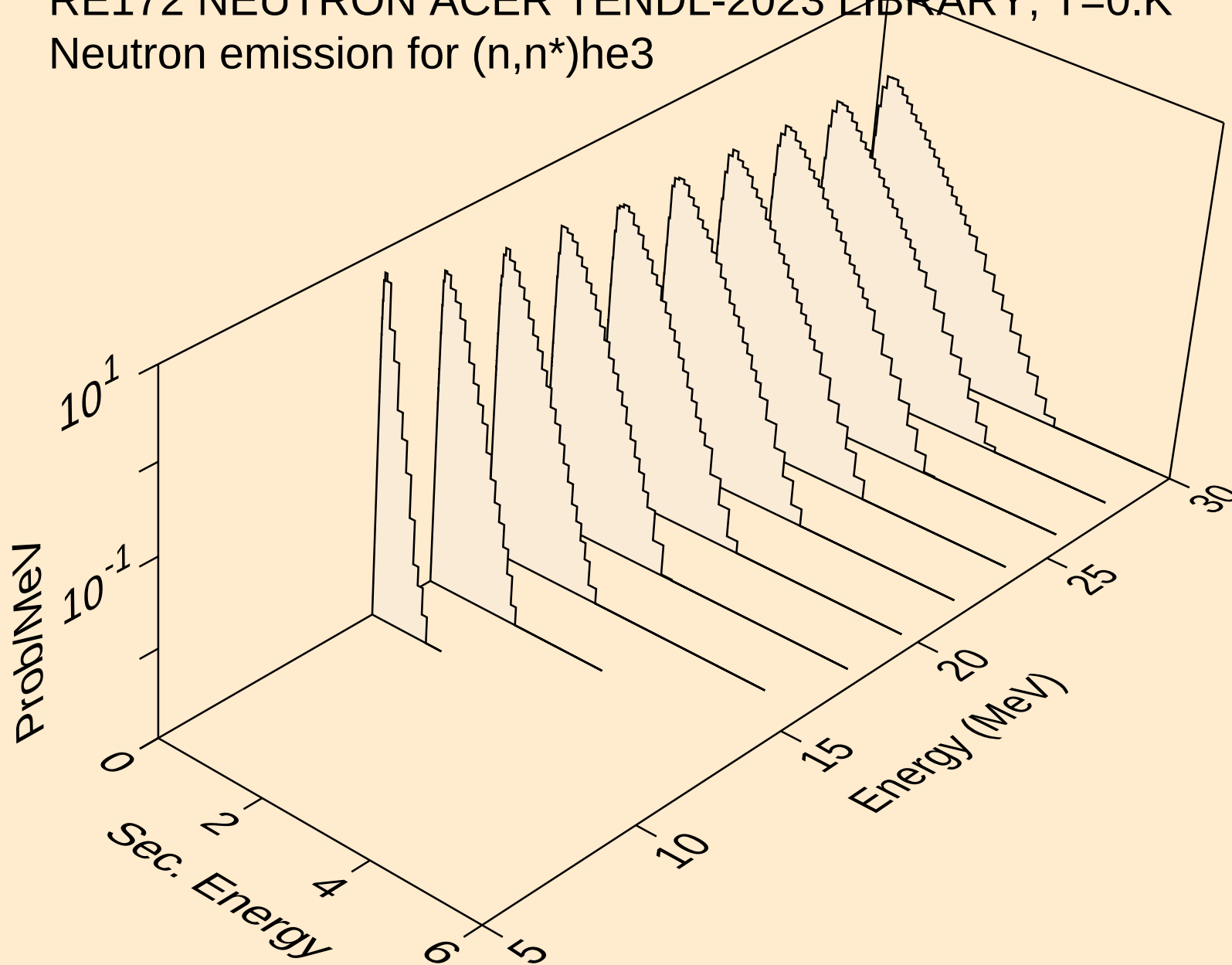


RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

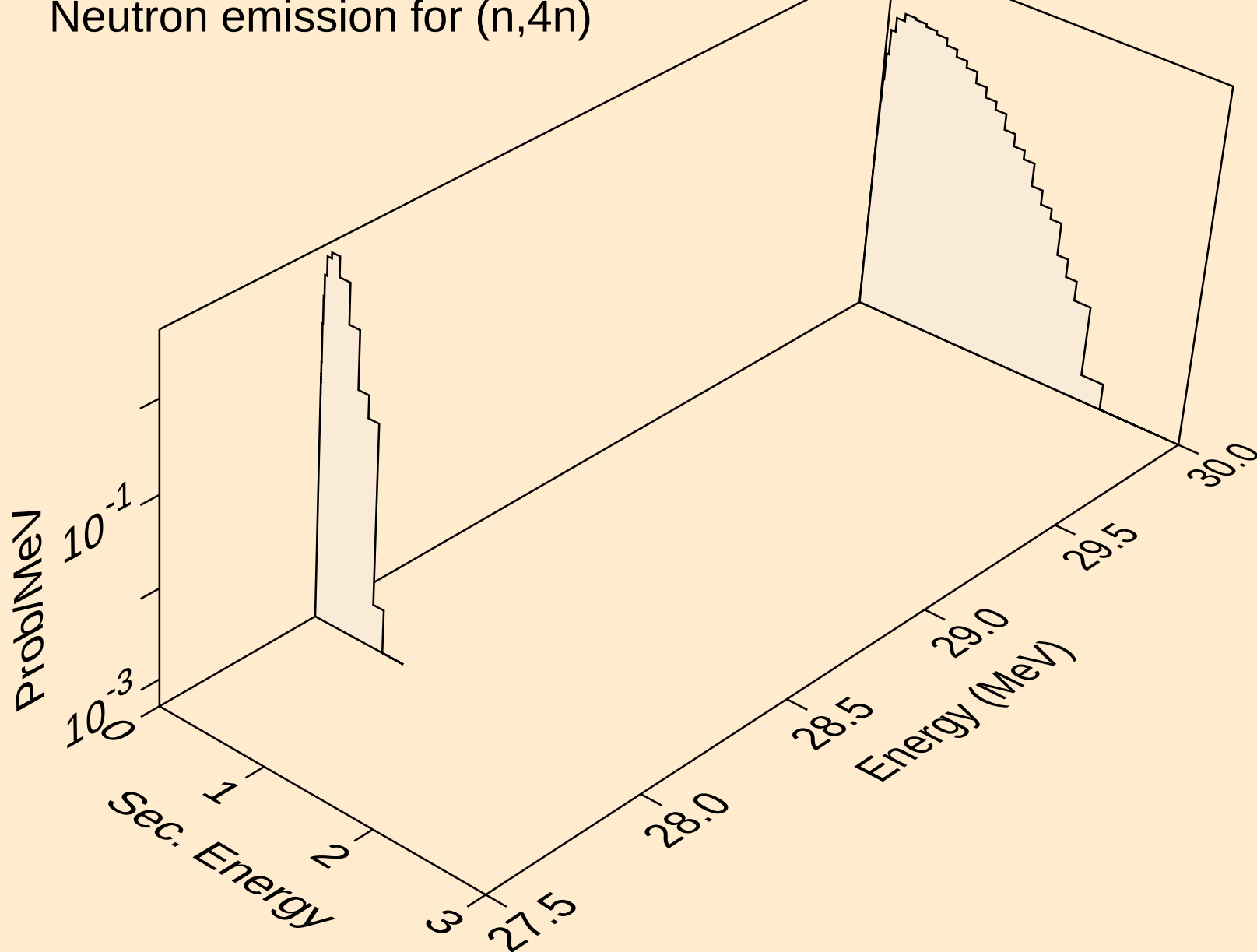
Neutron emission for (n,n*)t



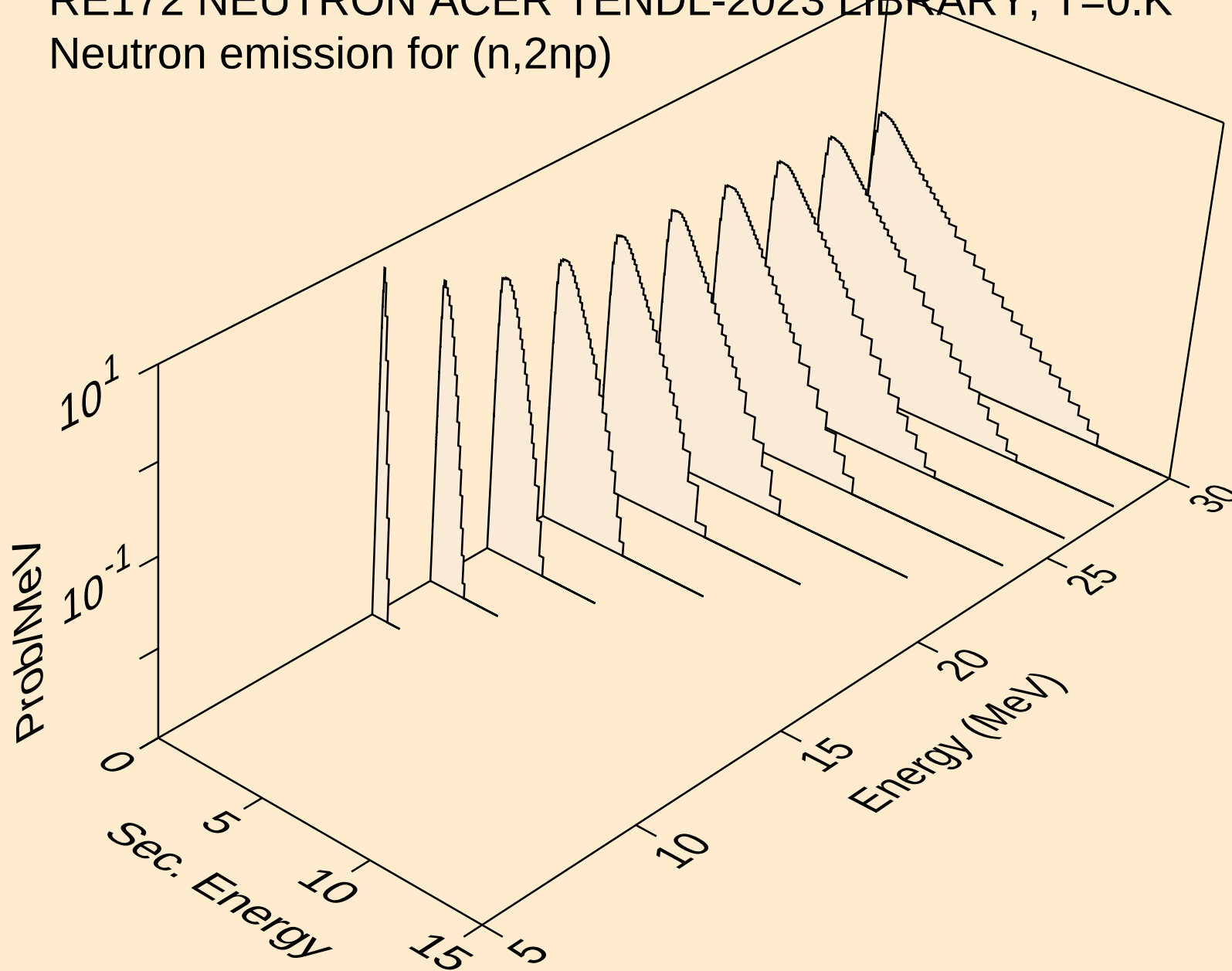
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



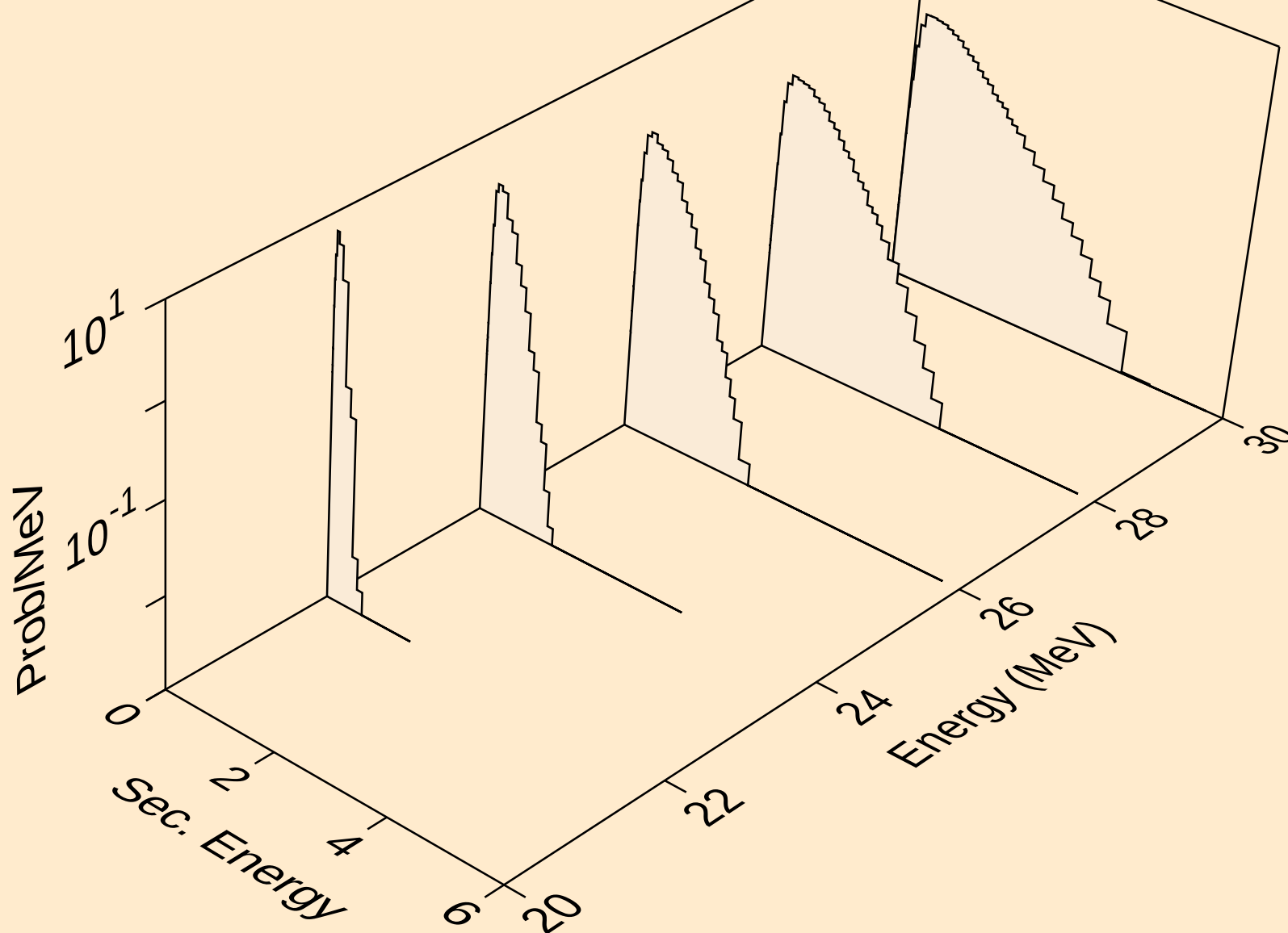
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



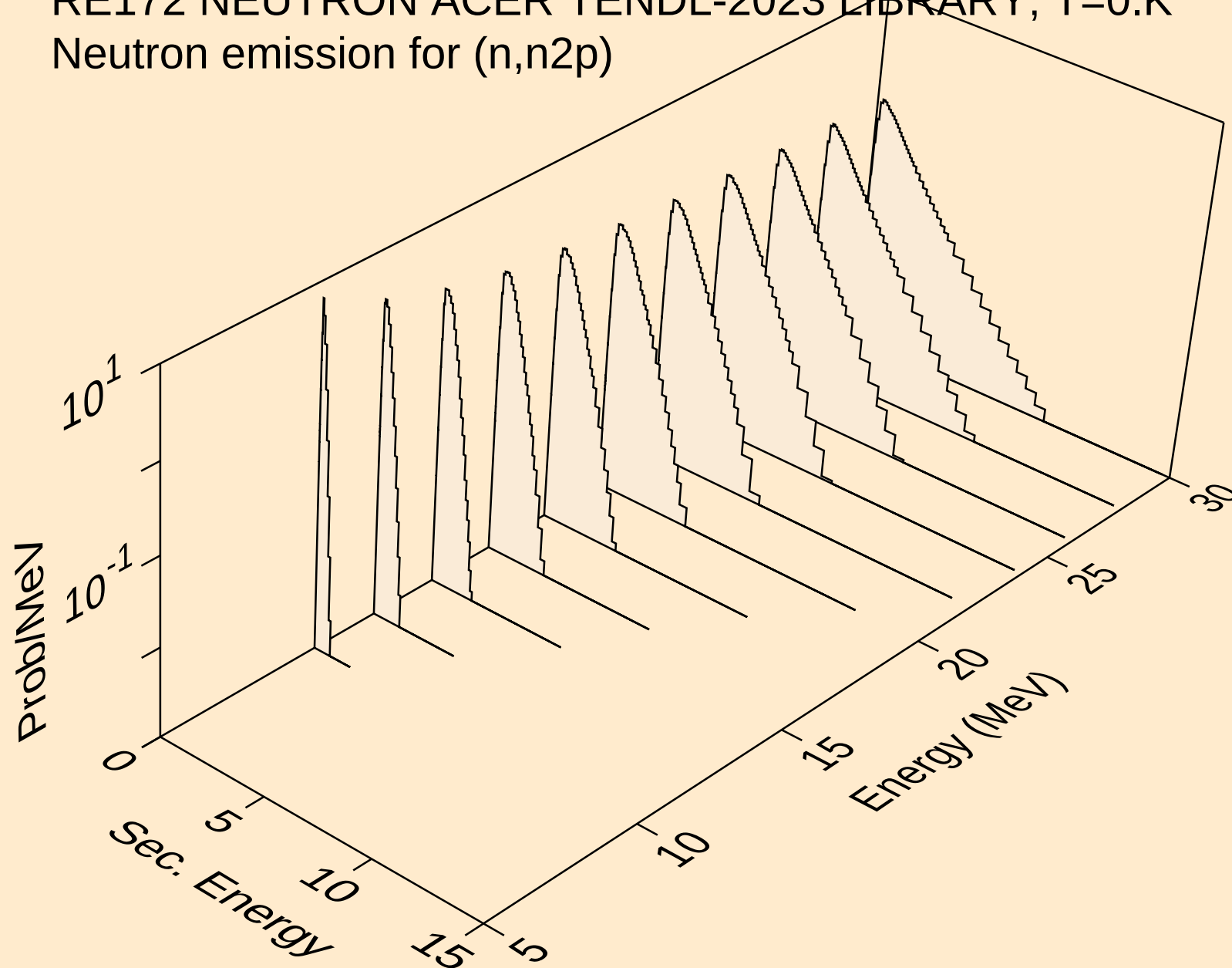
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



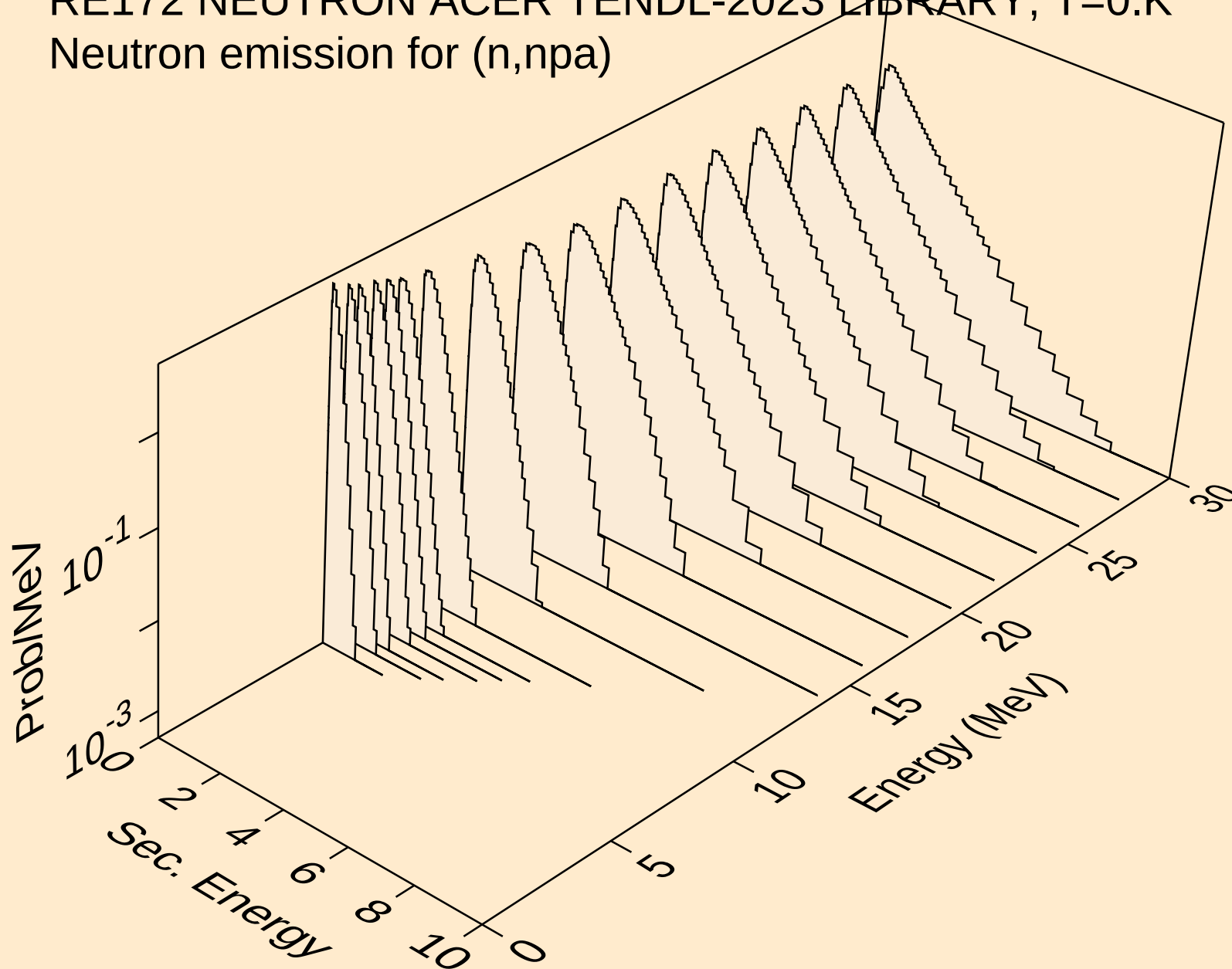
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



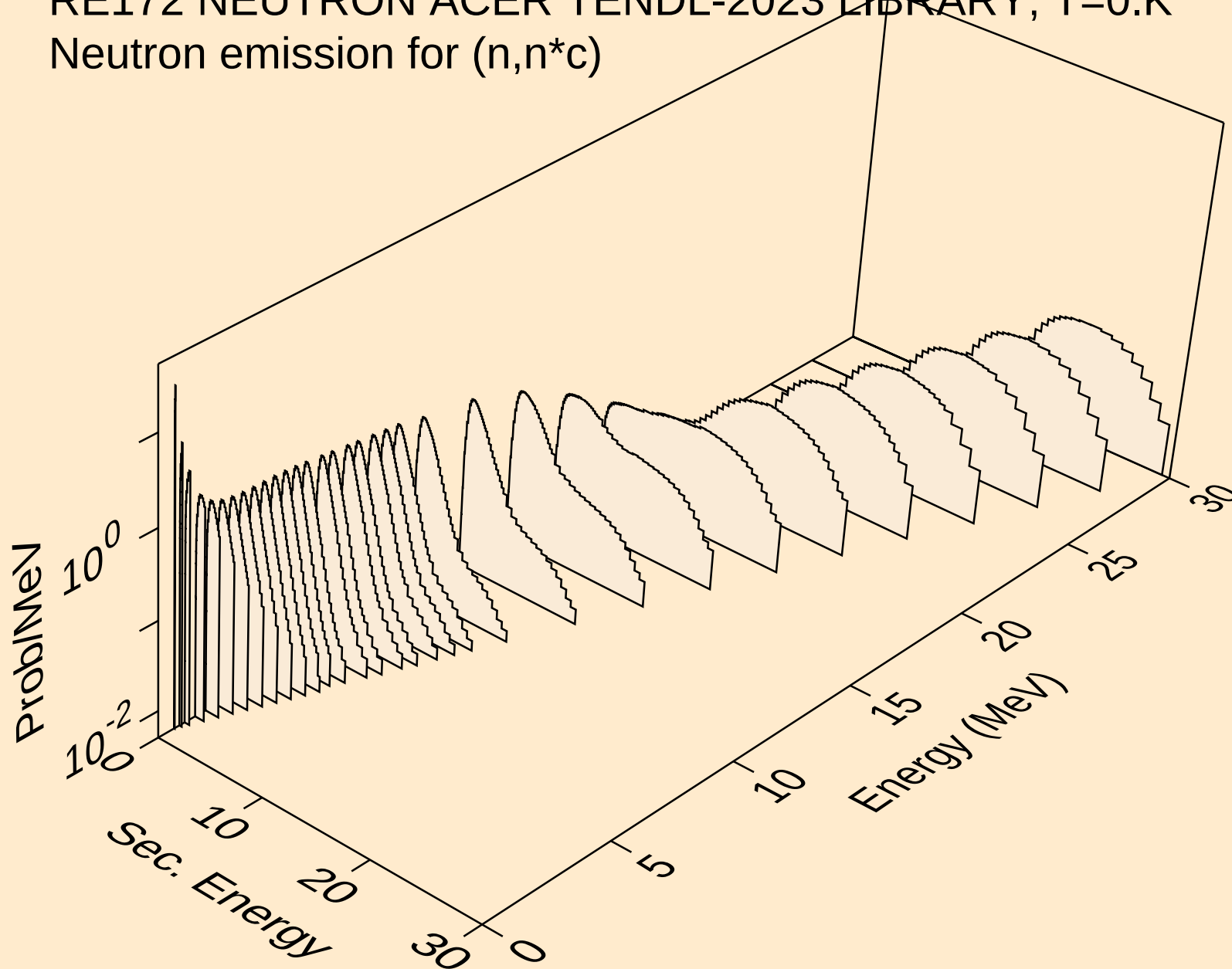
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



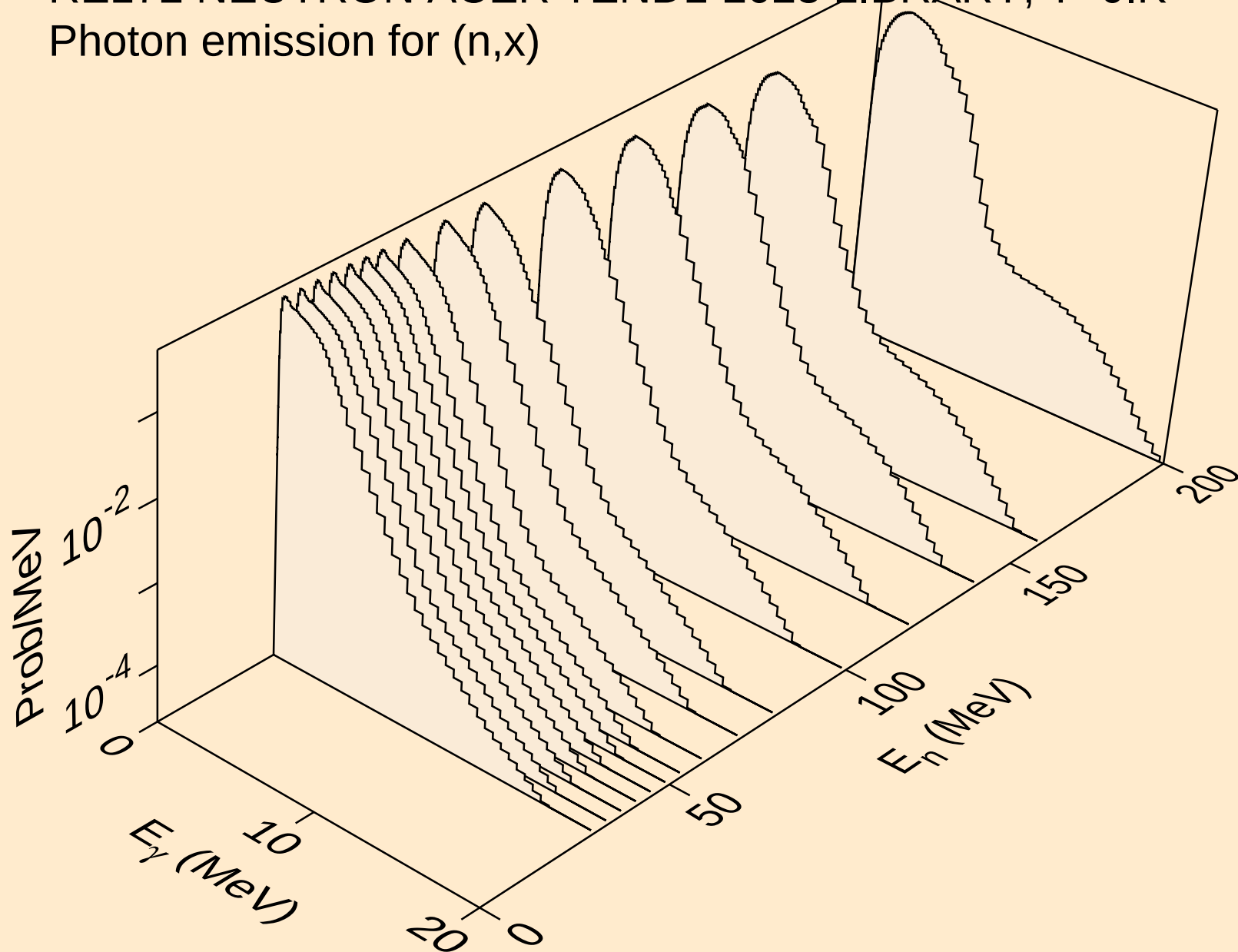
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)



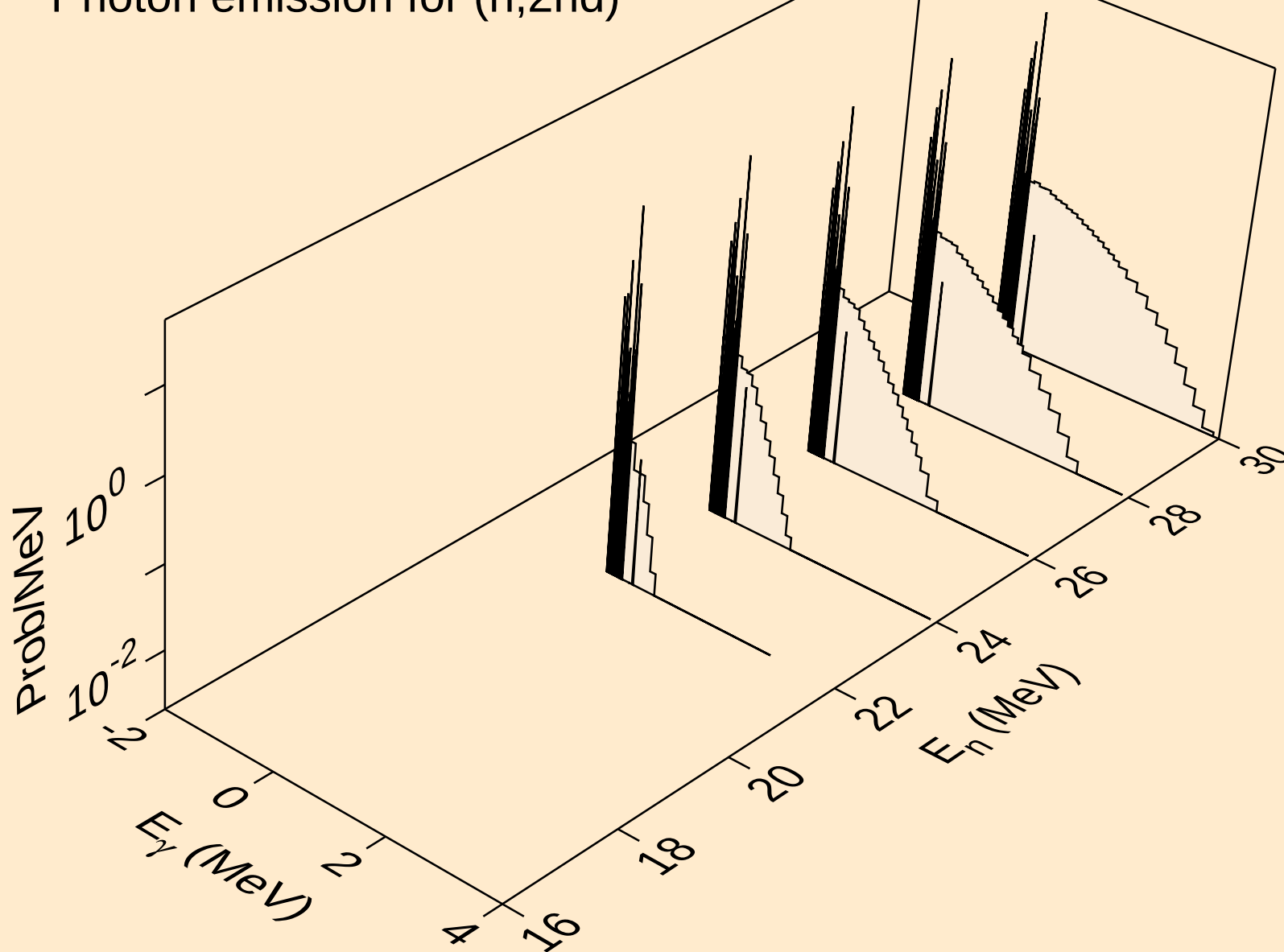
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



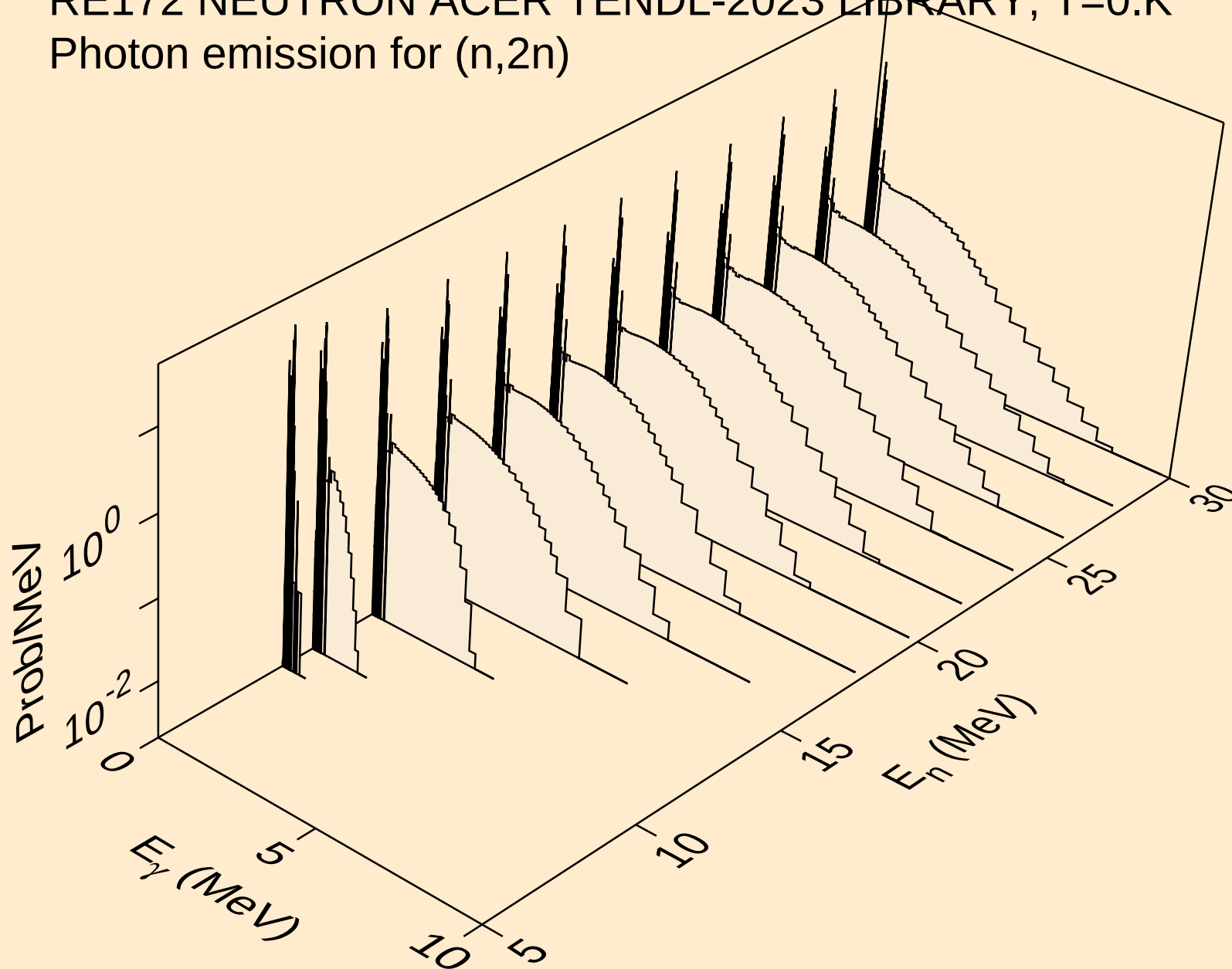
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



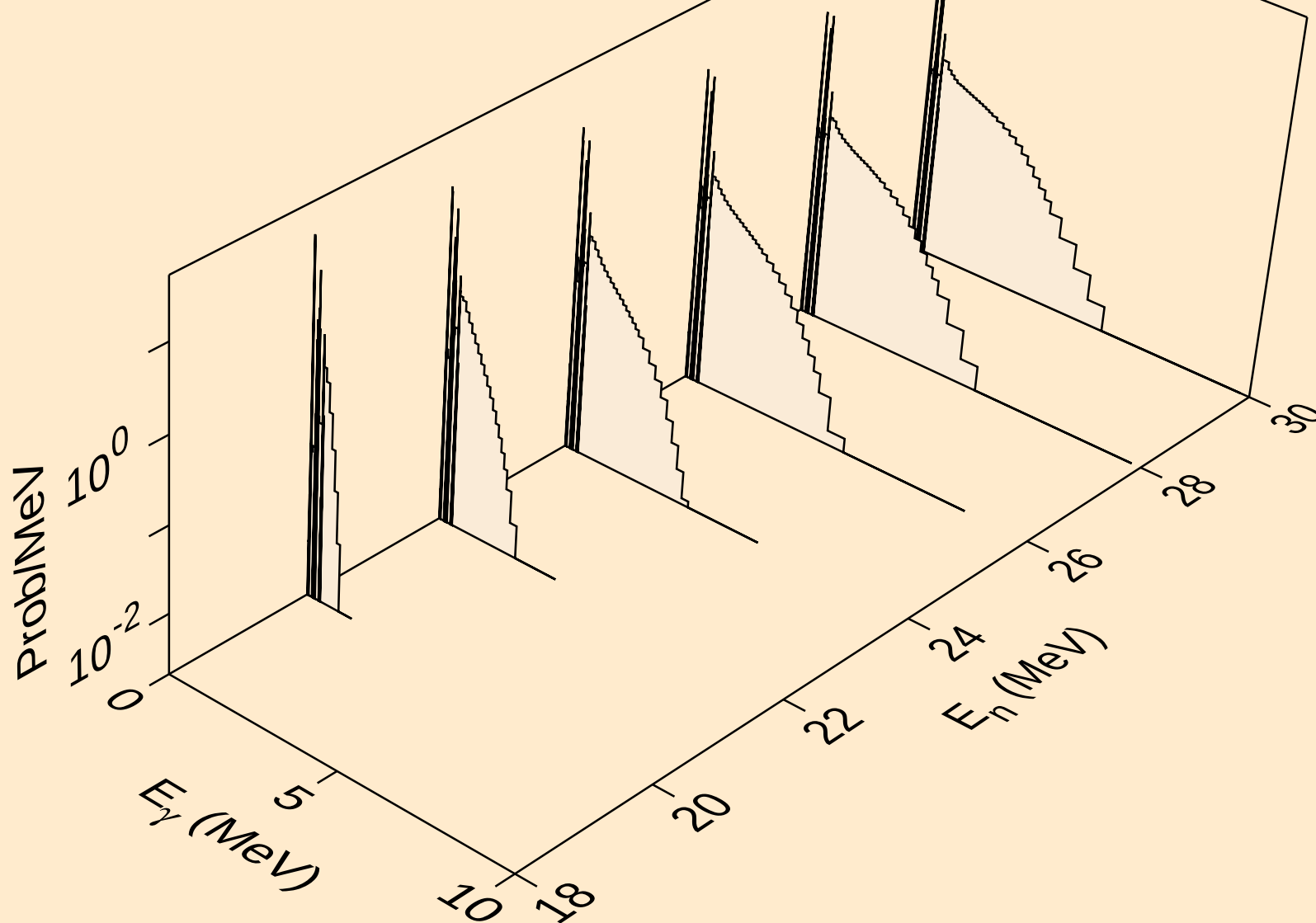
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)

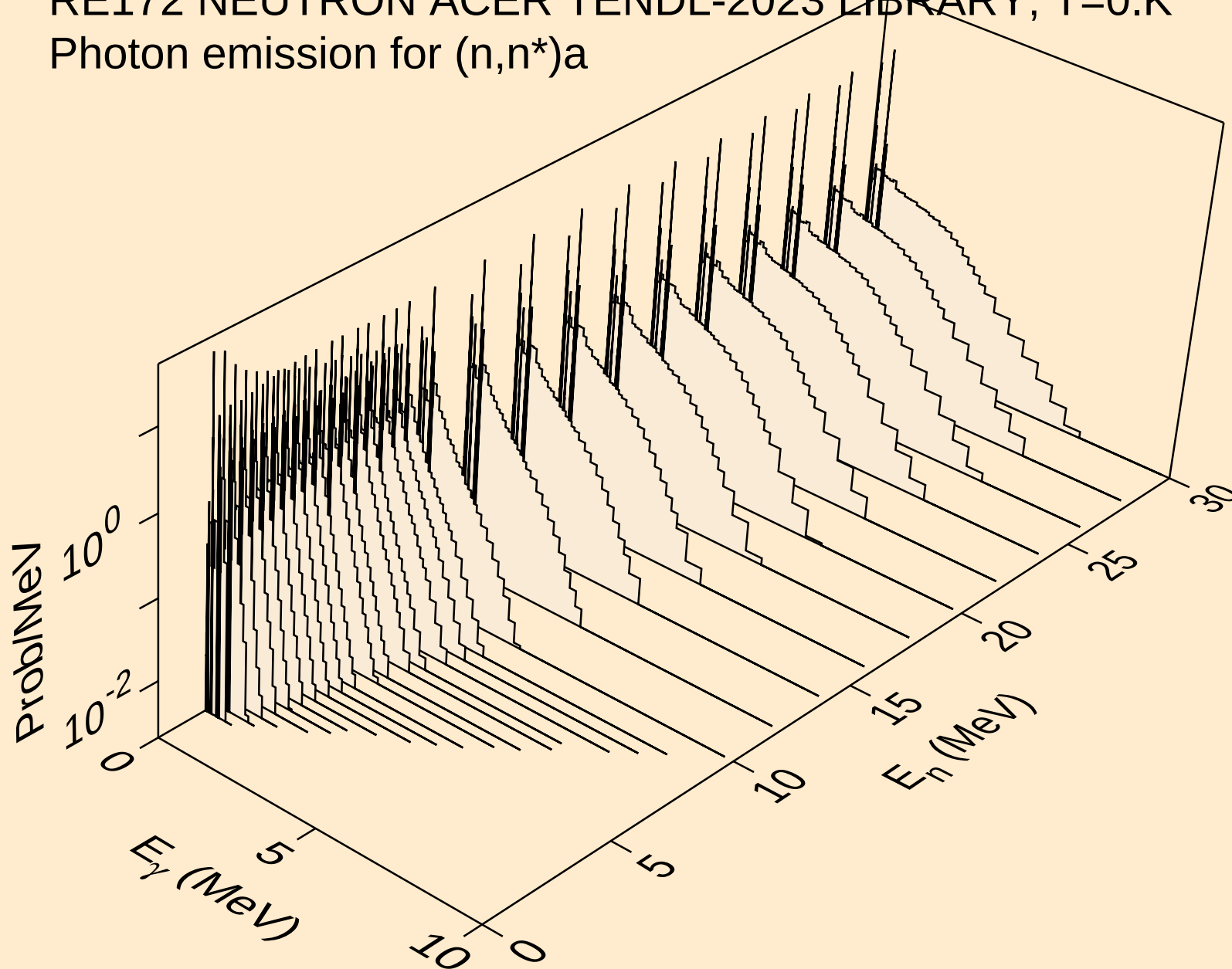


RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



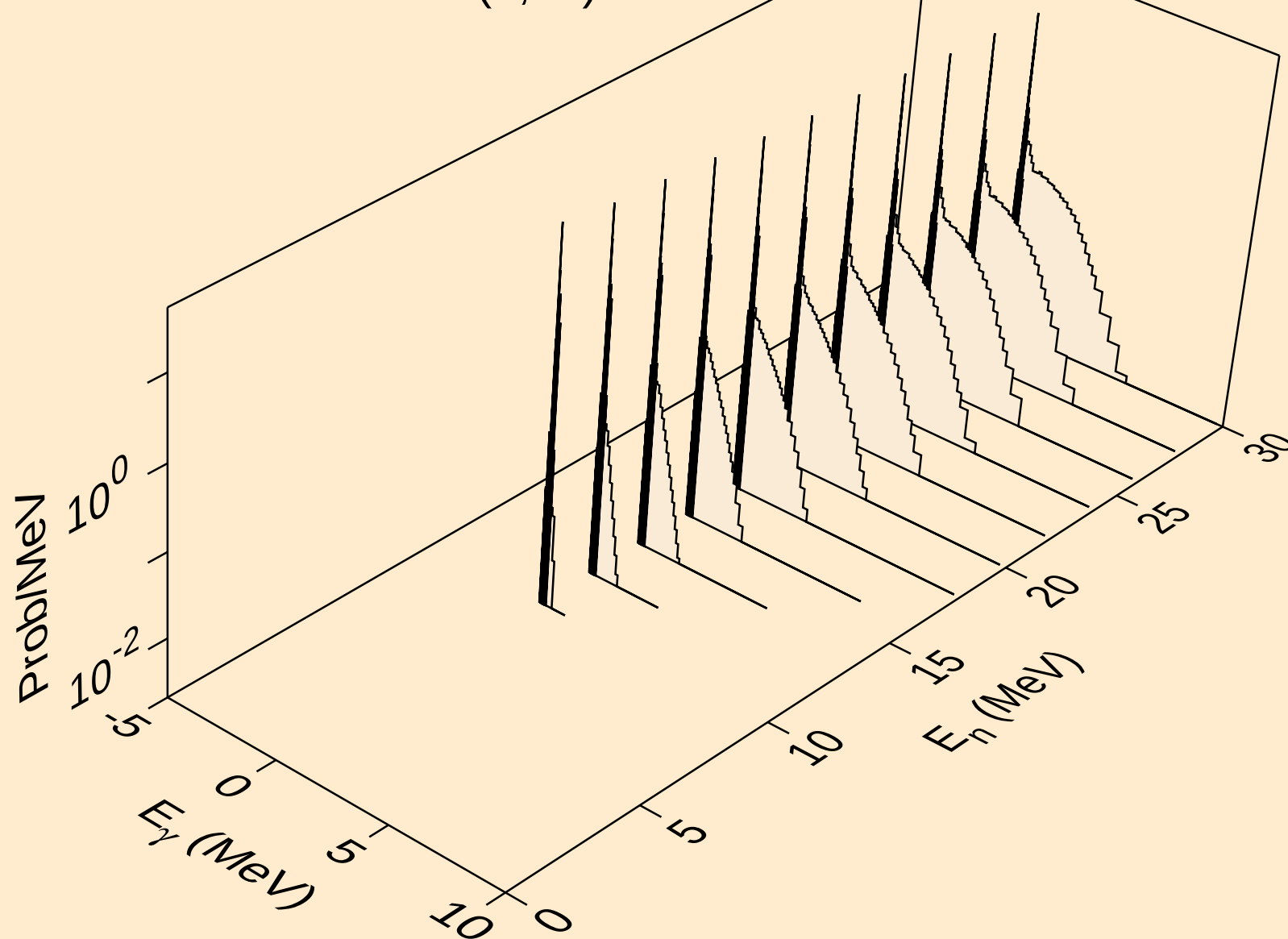
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a

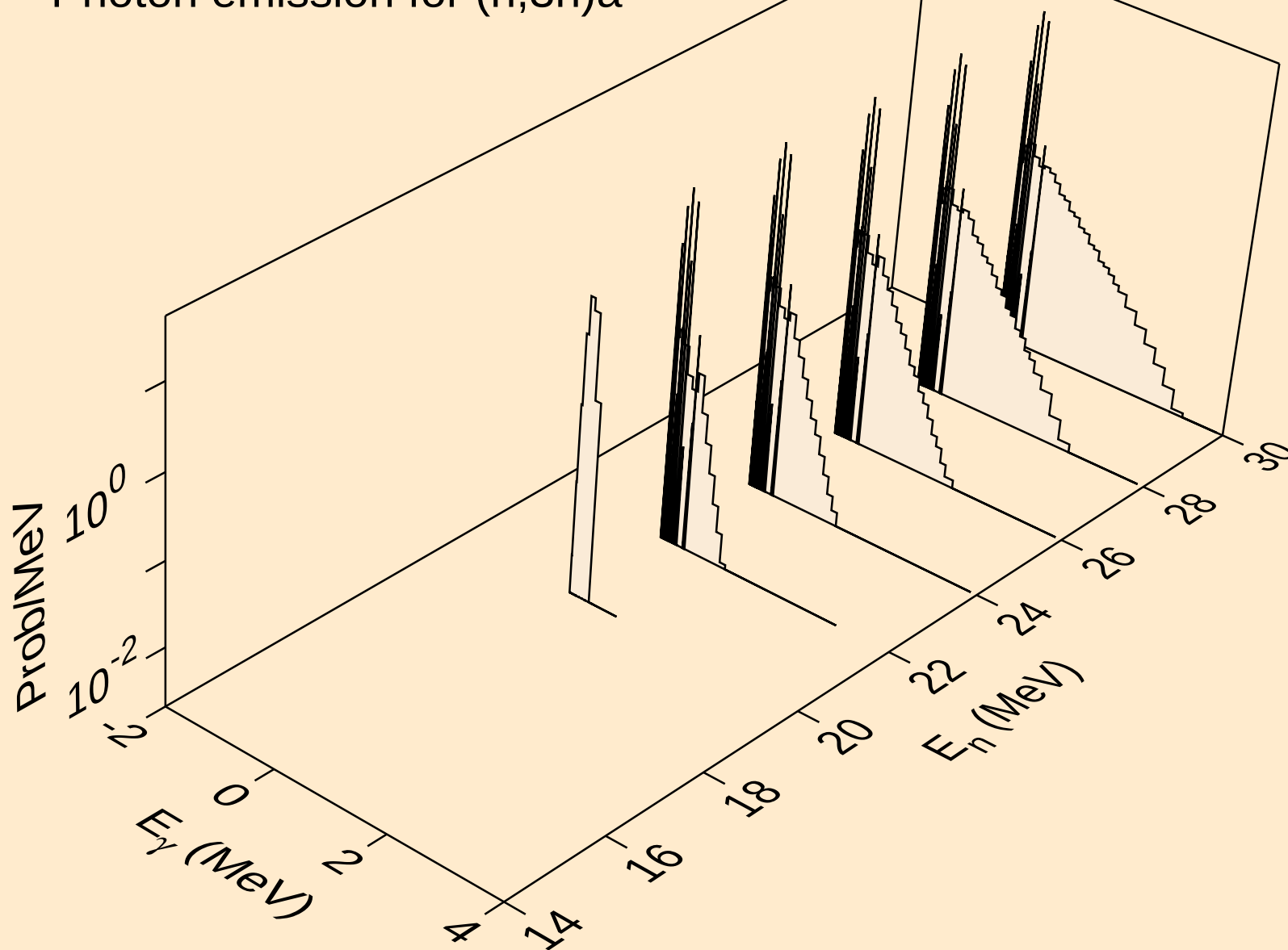


RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) α

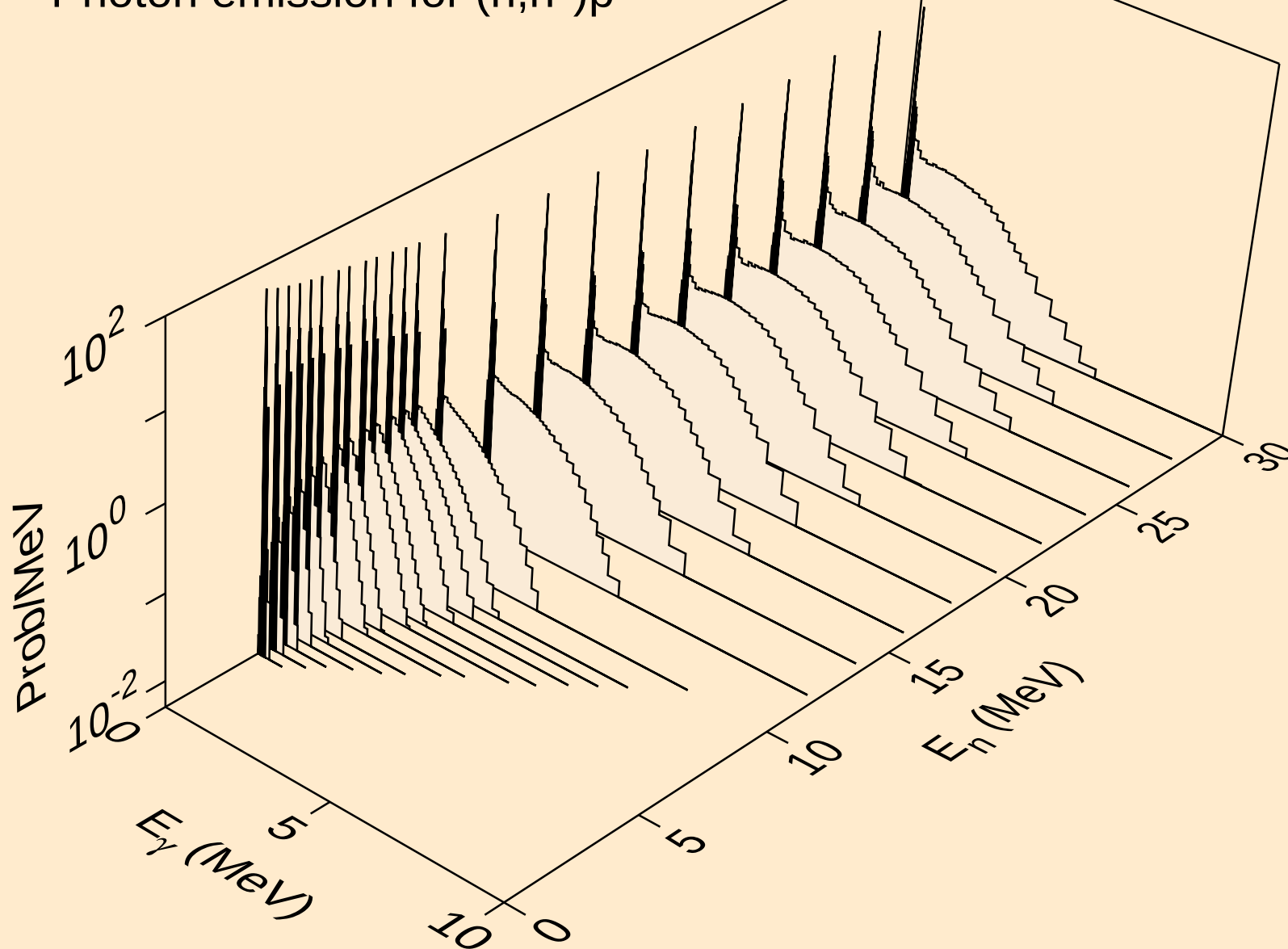


RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n) α

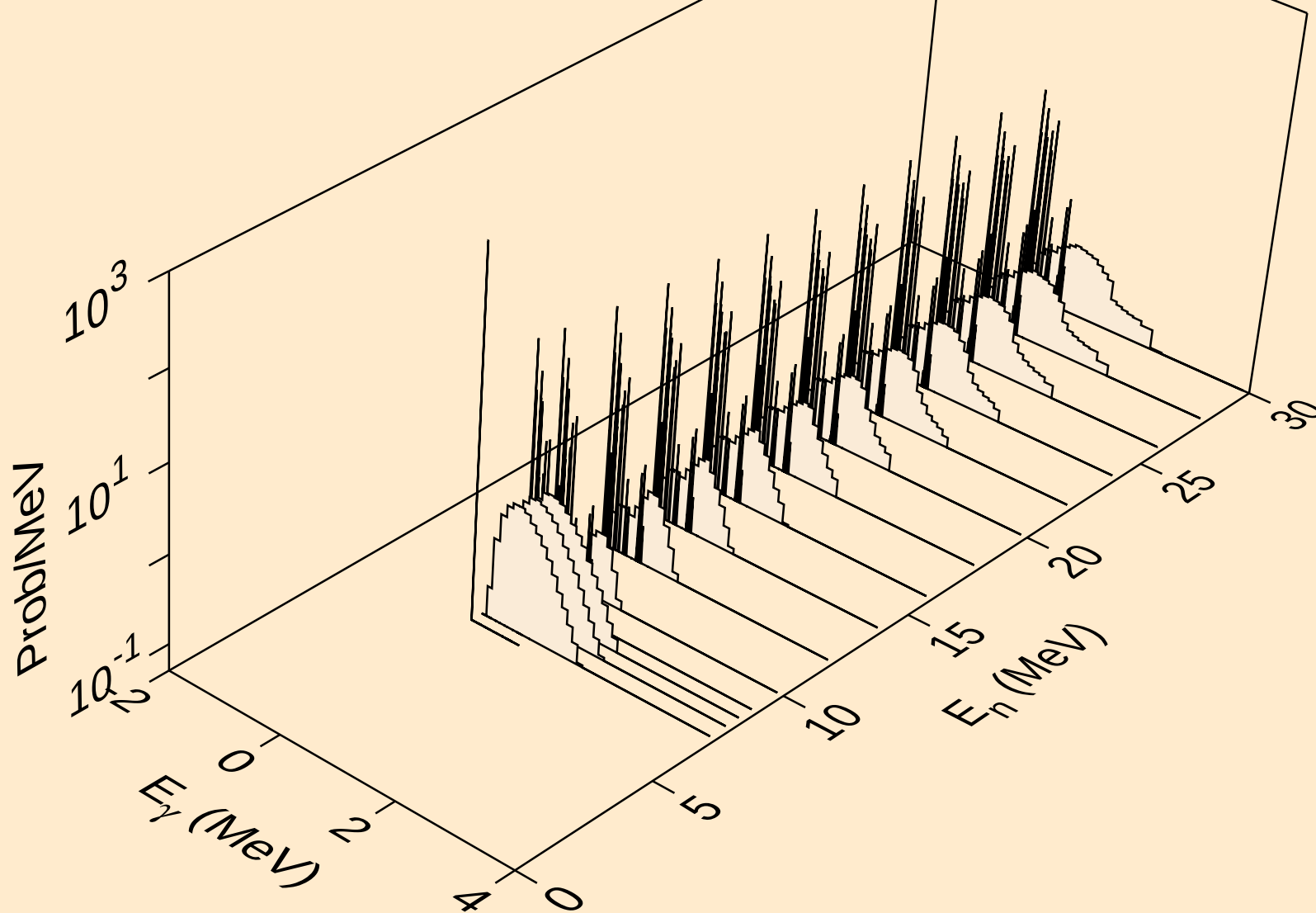


RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p

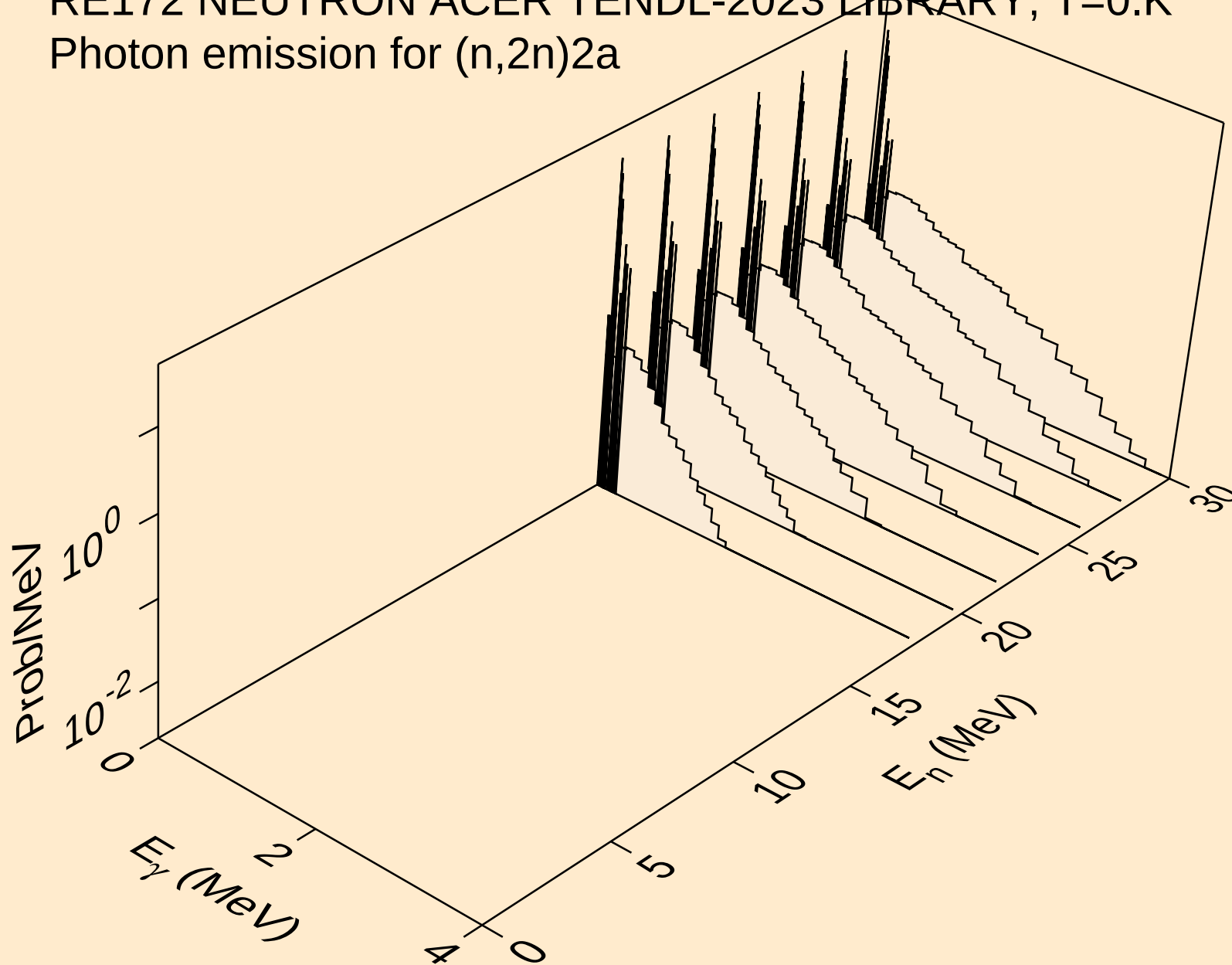


RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



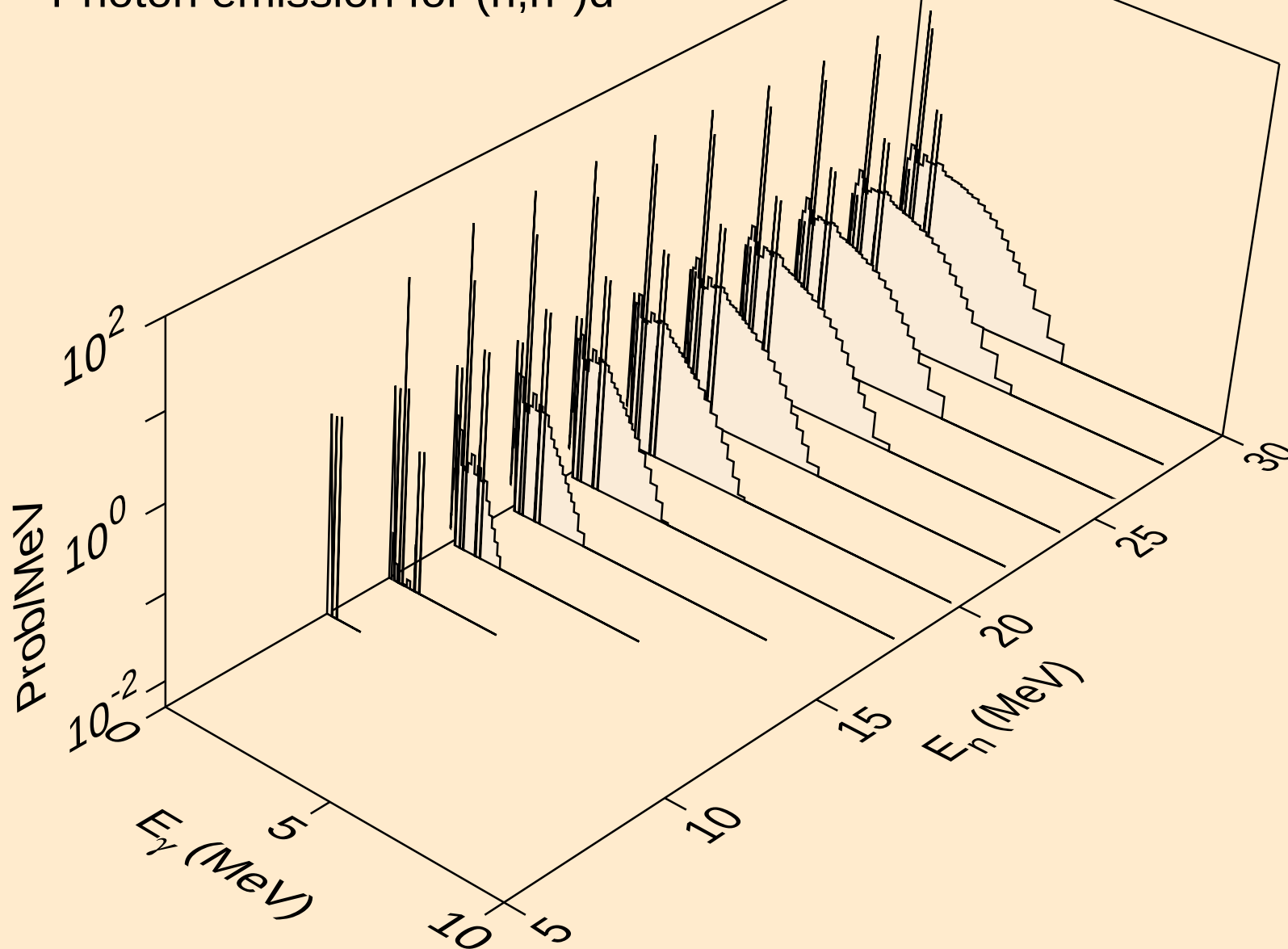
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n)2a



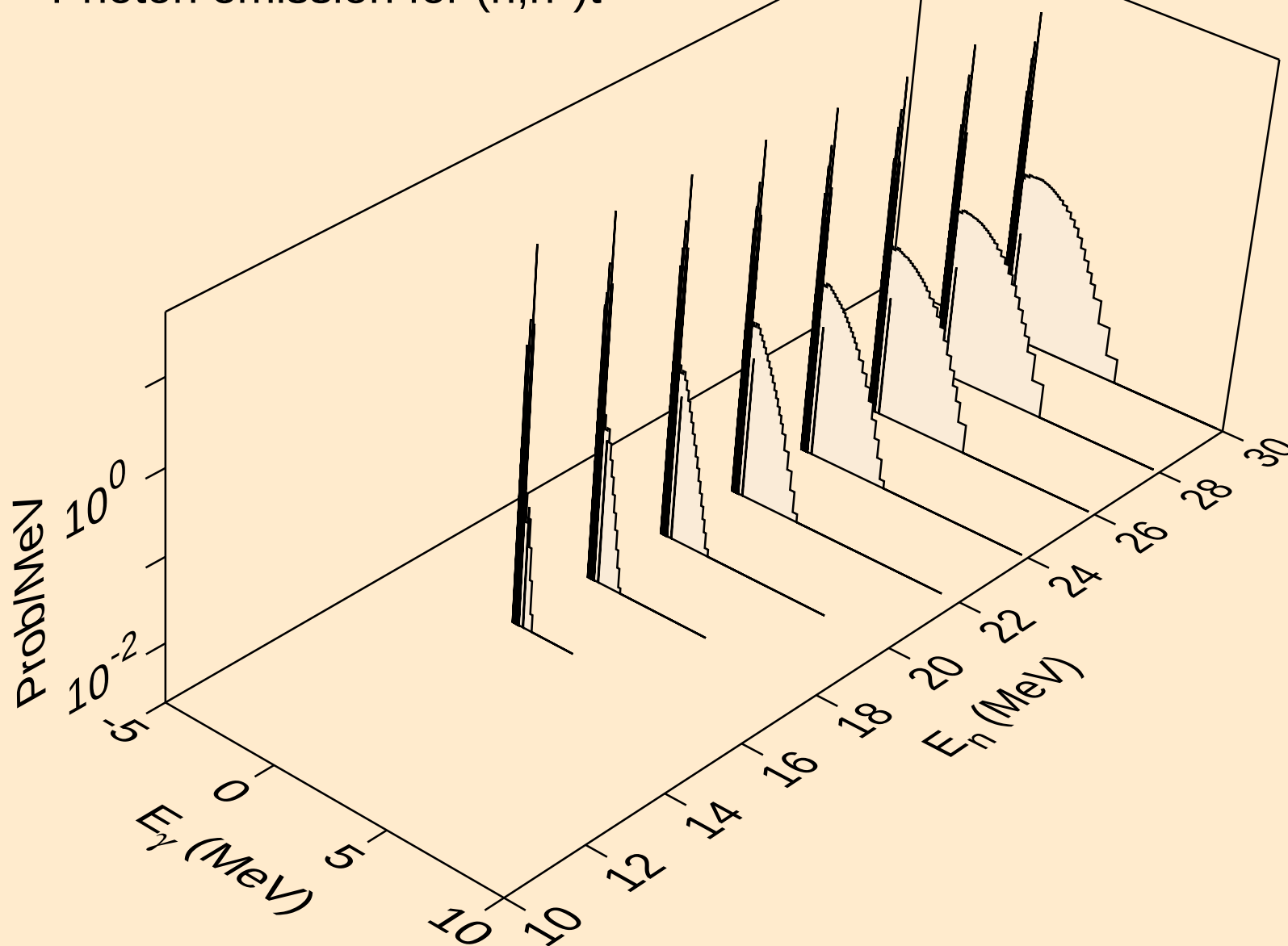
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)d

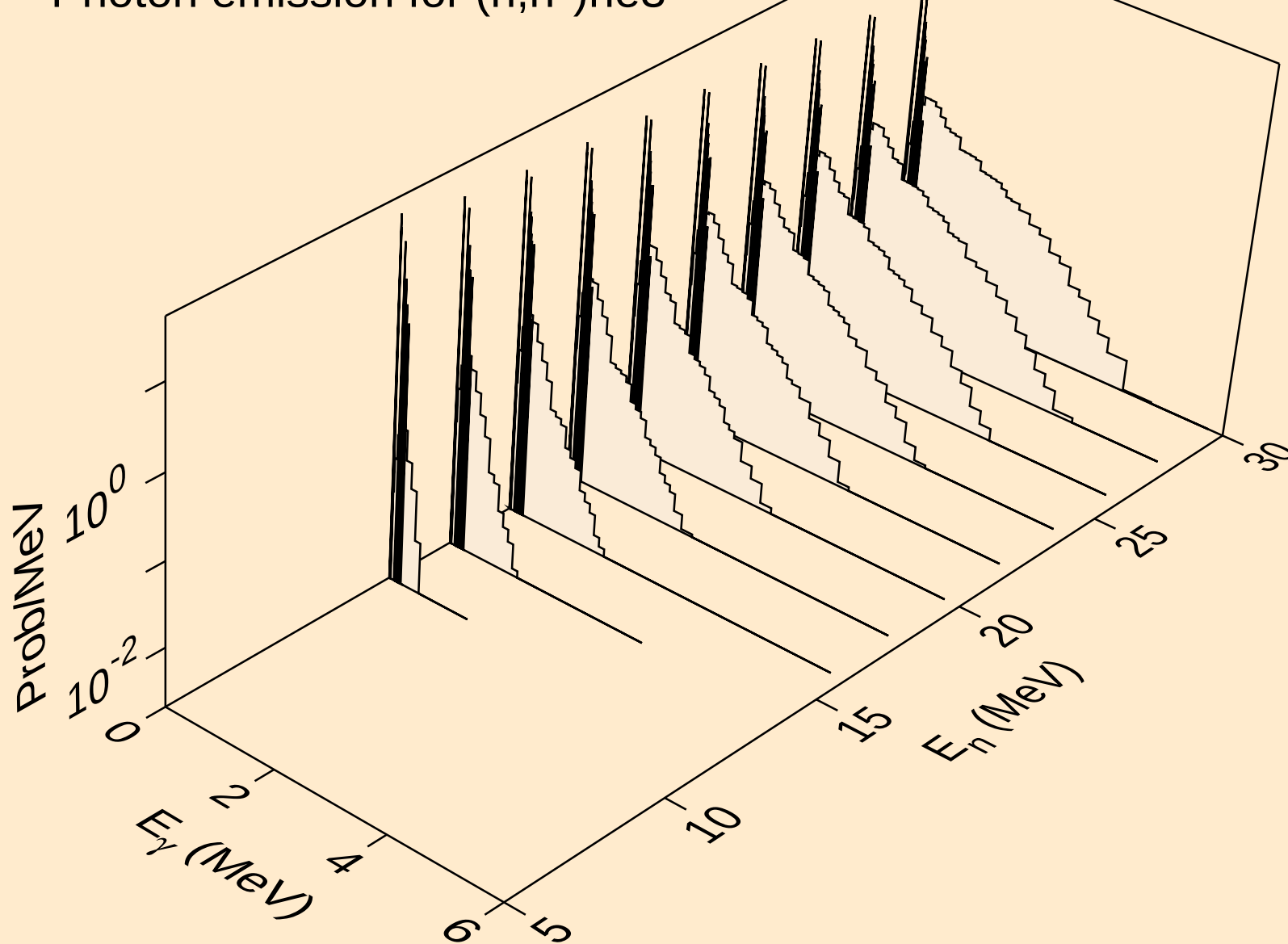


RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

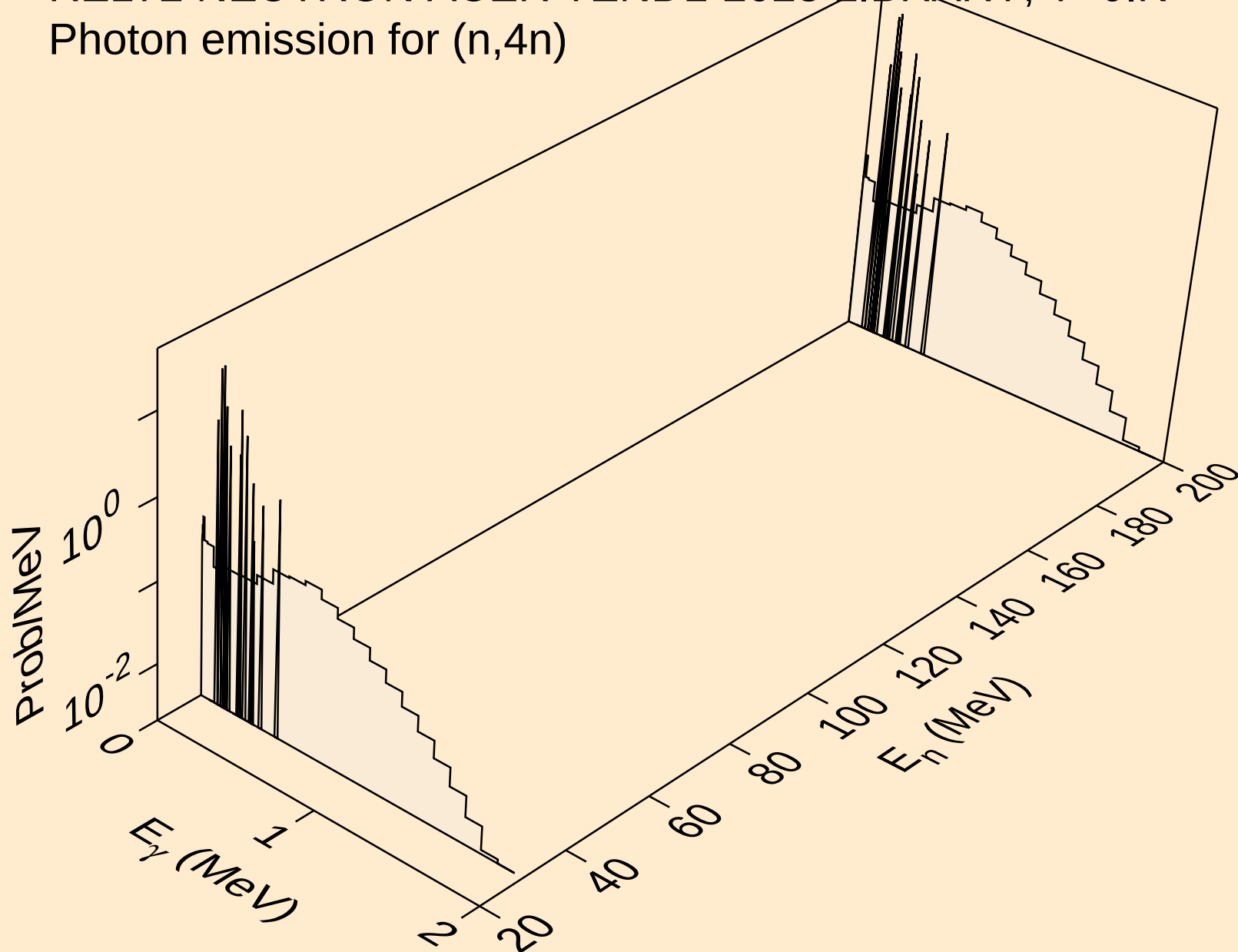
Photon emission for (n,n*)t



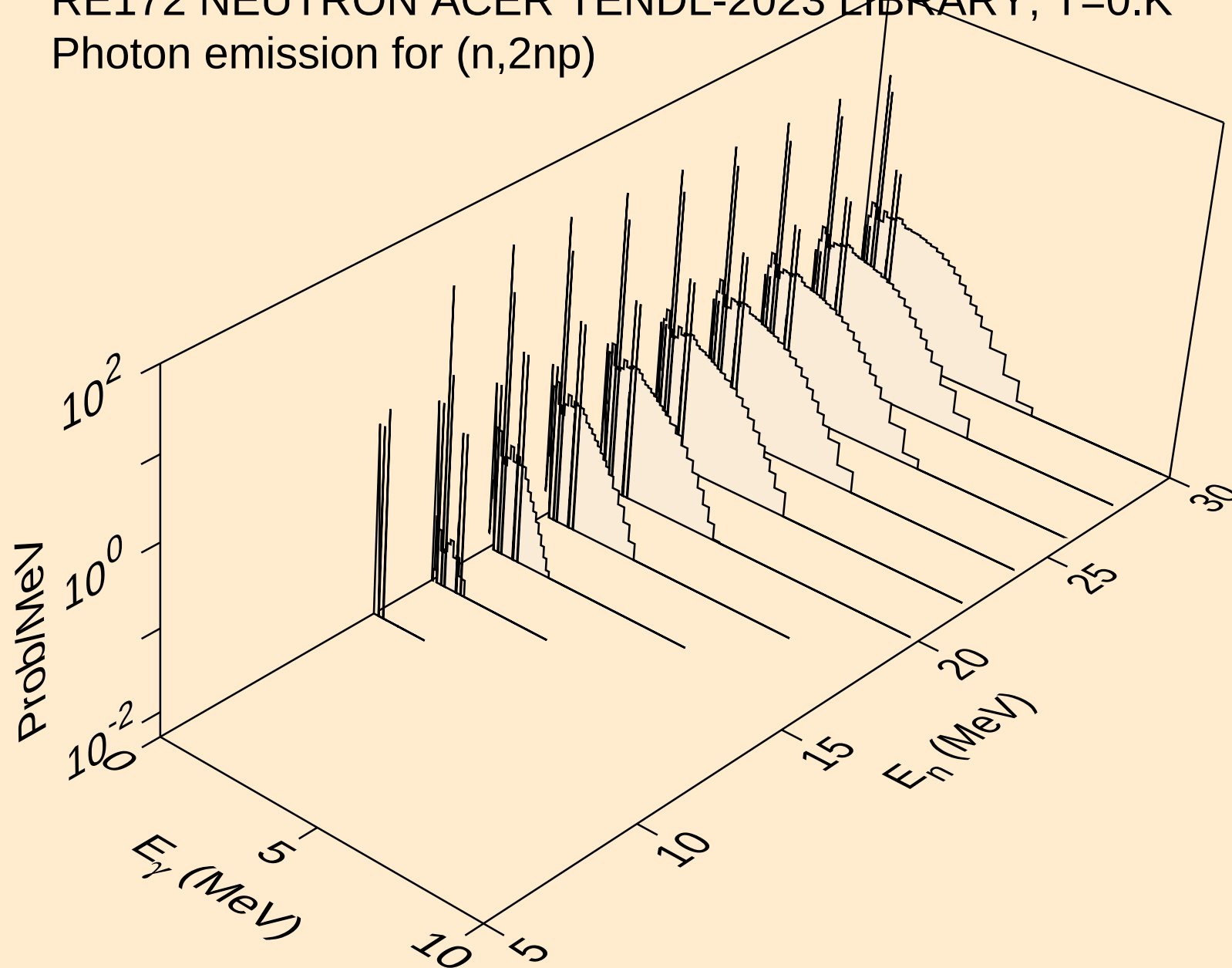
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



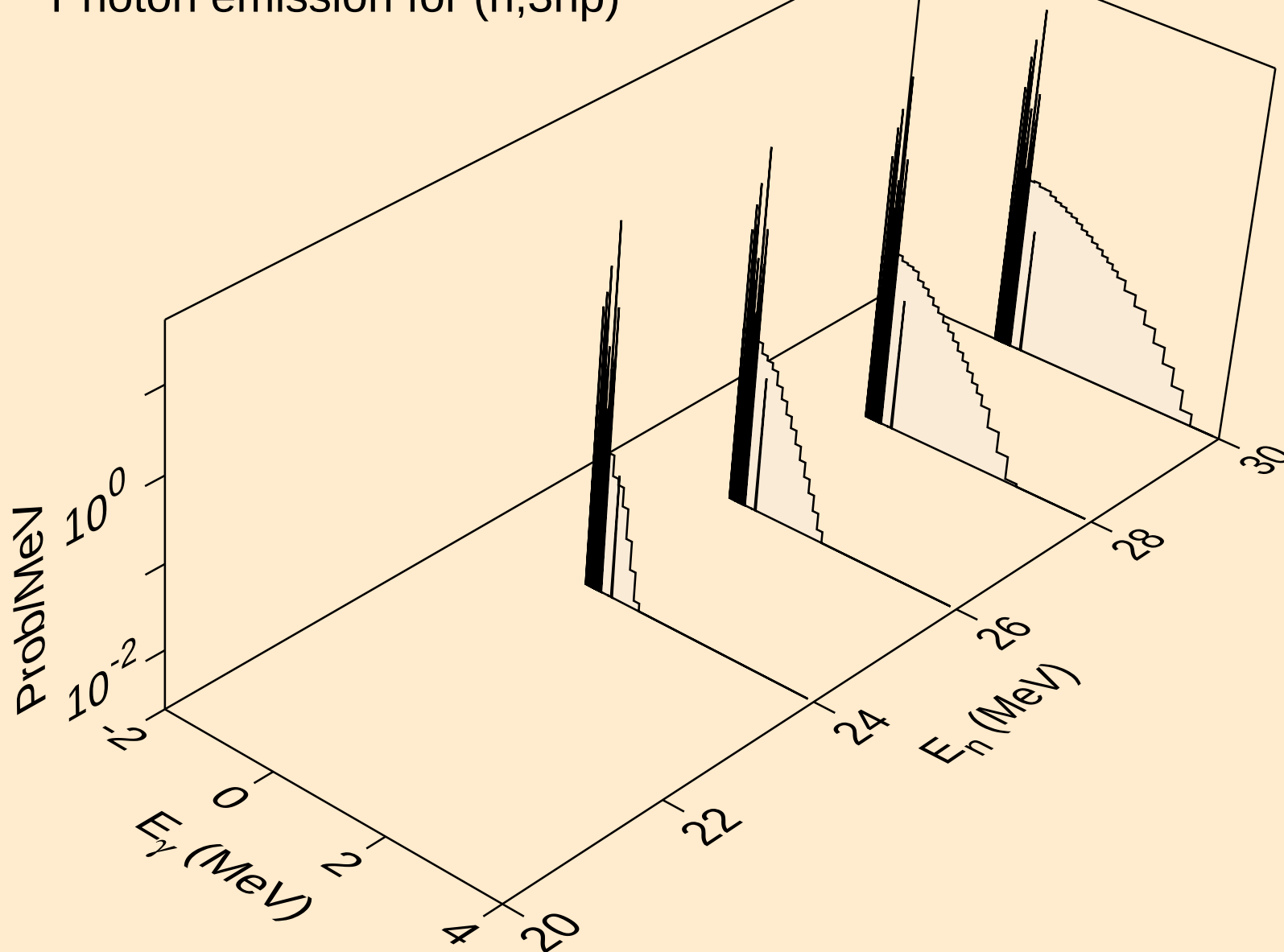
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



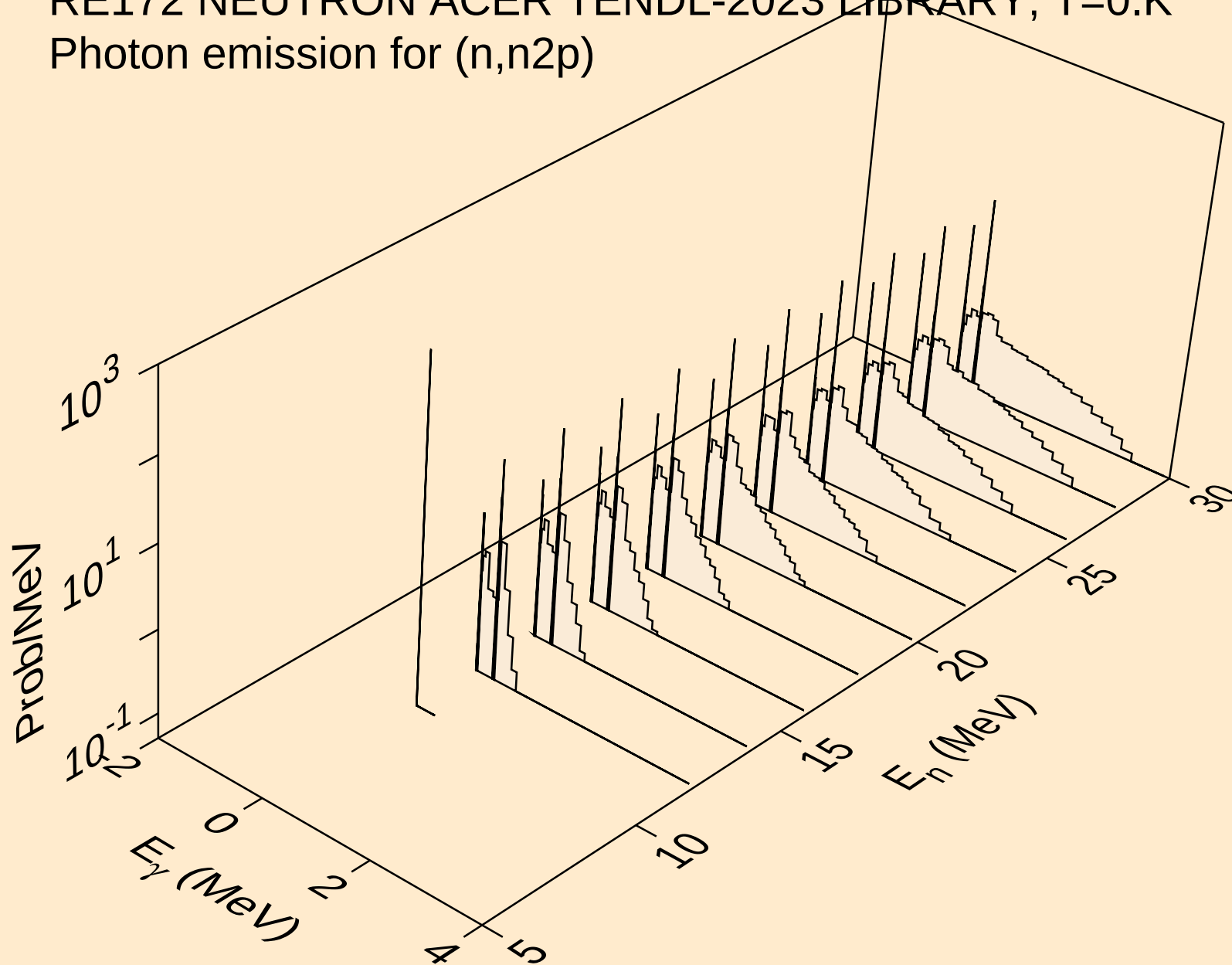
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



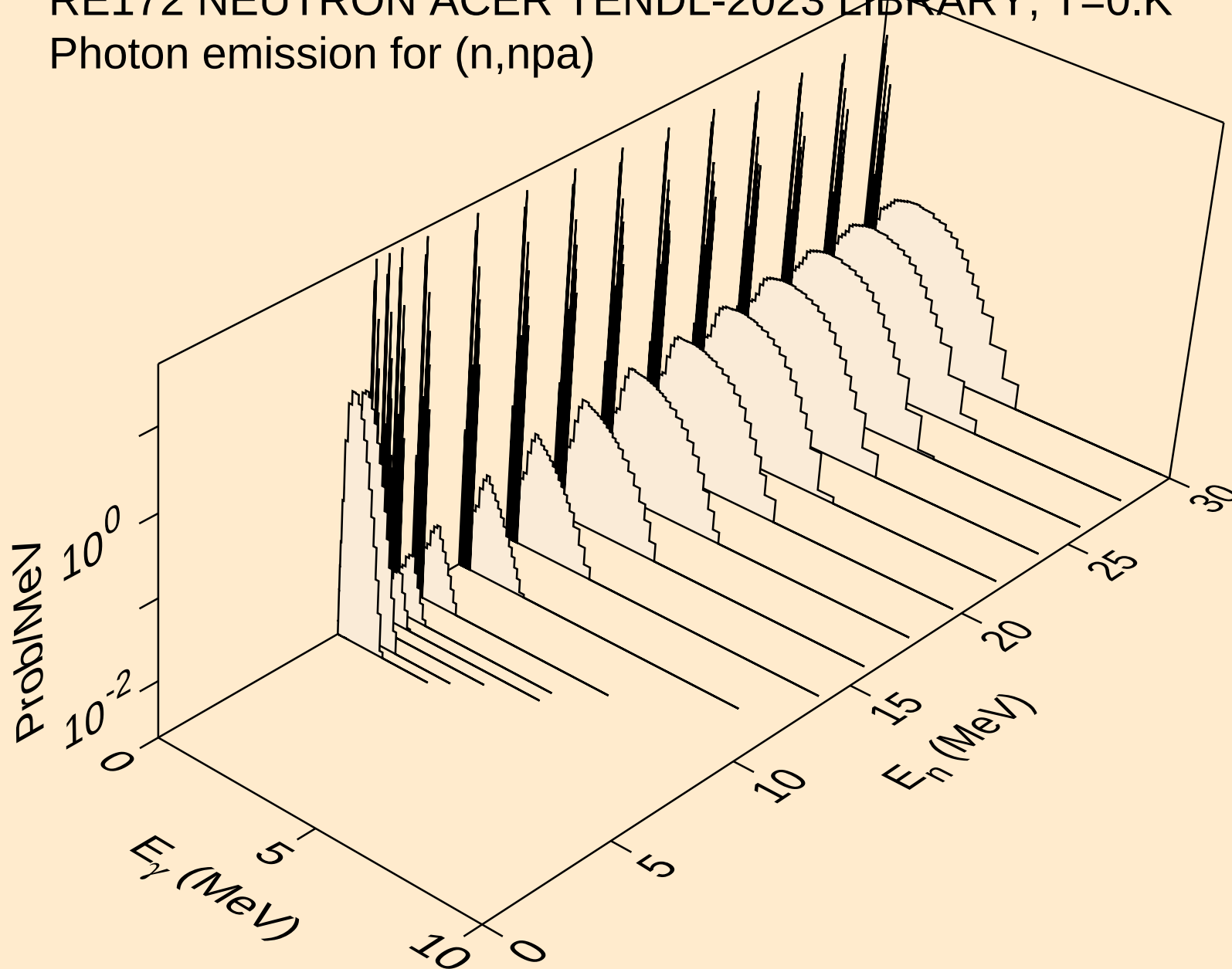
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



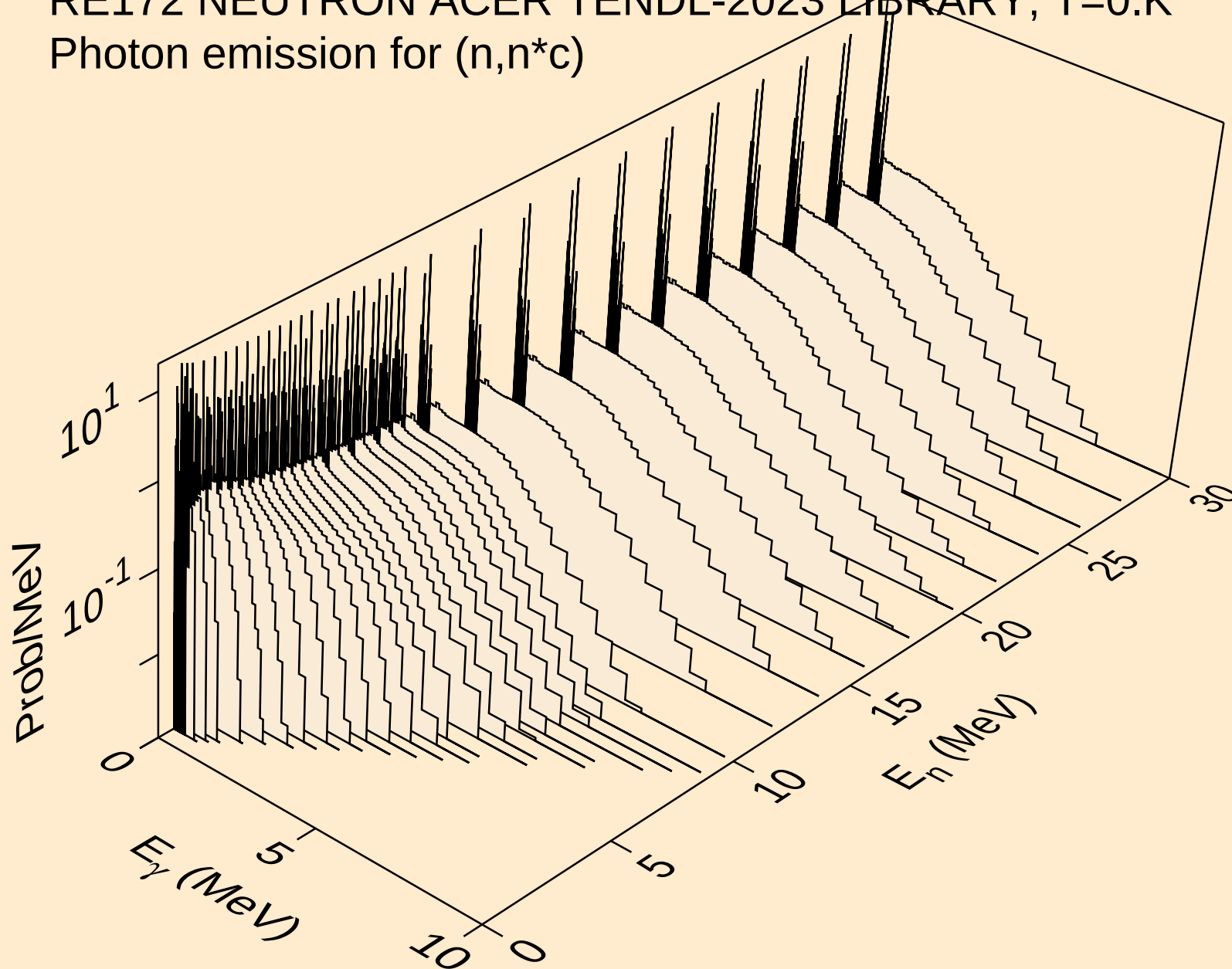
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



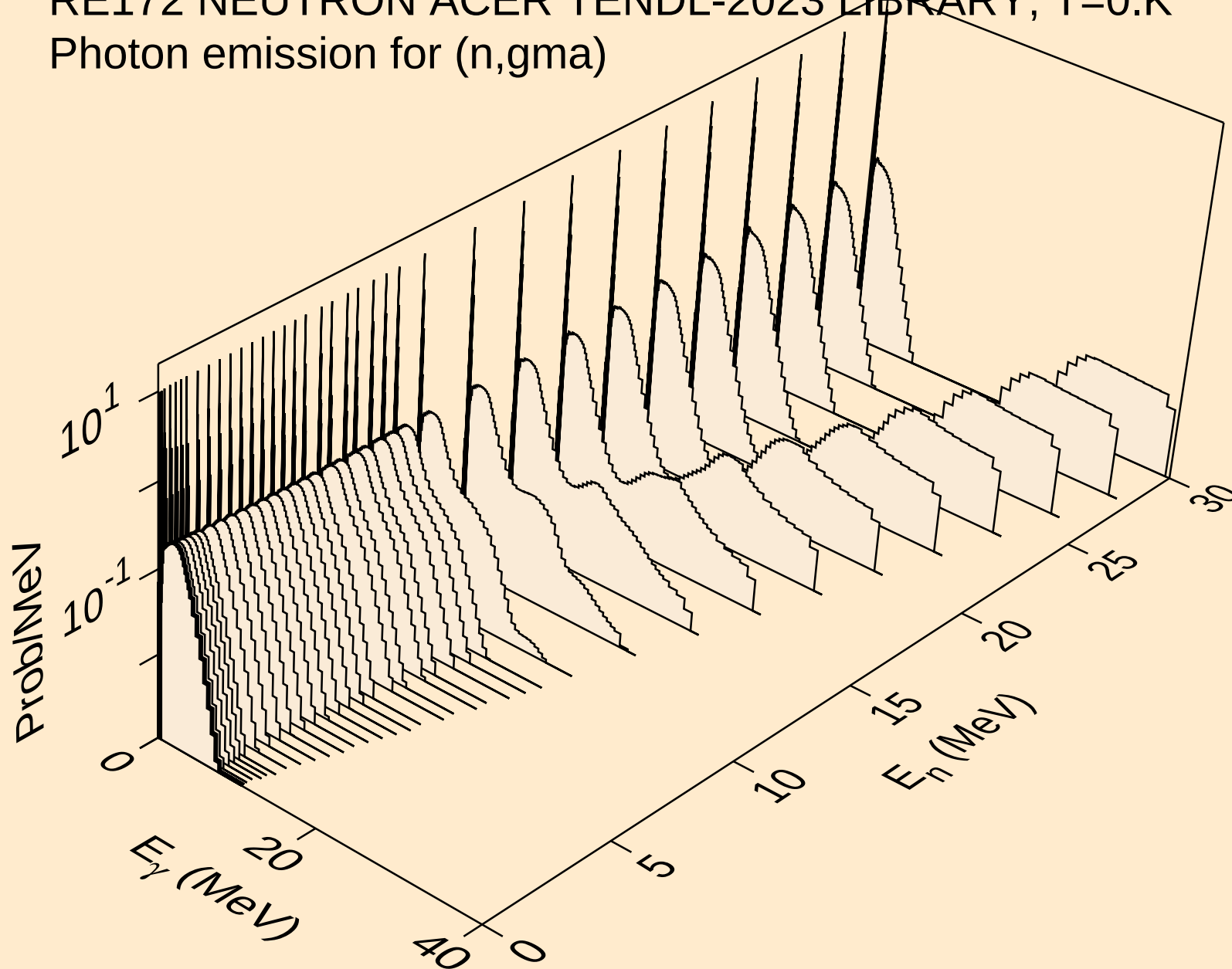
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



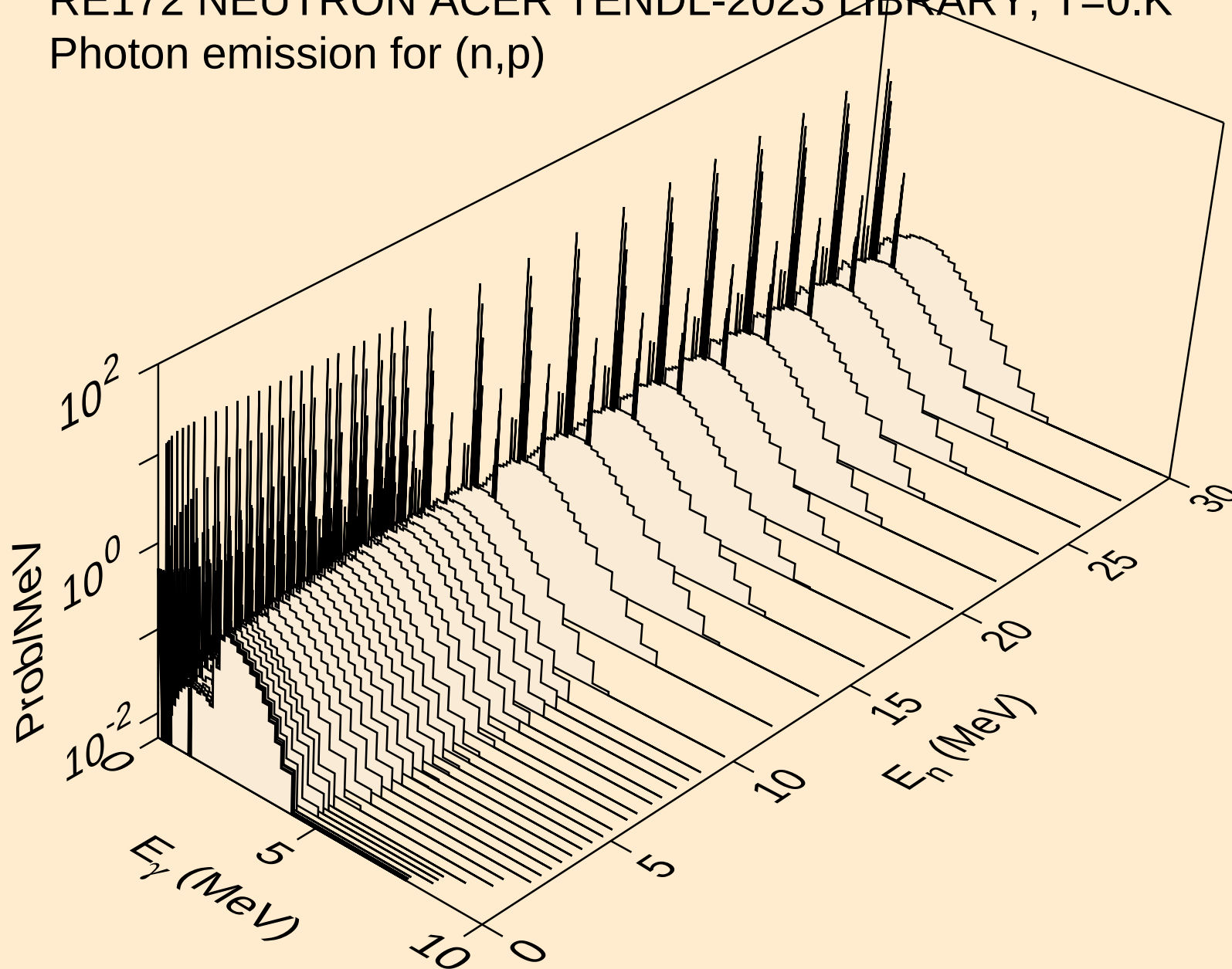
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



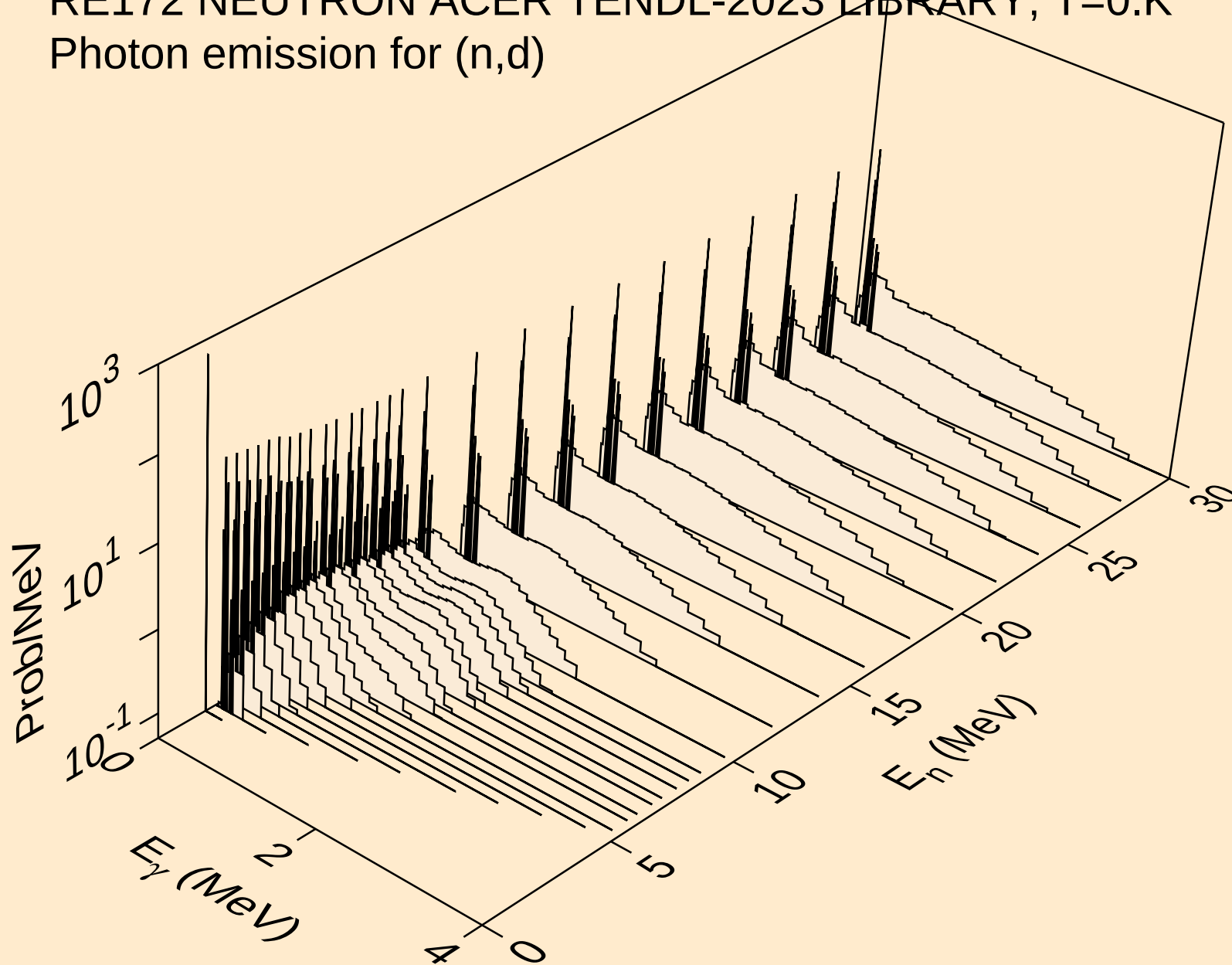
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



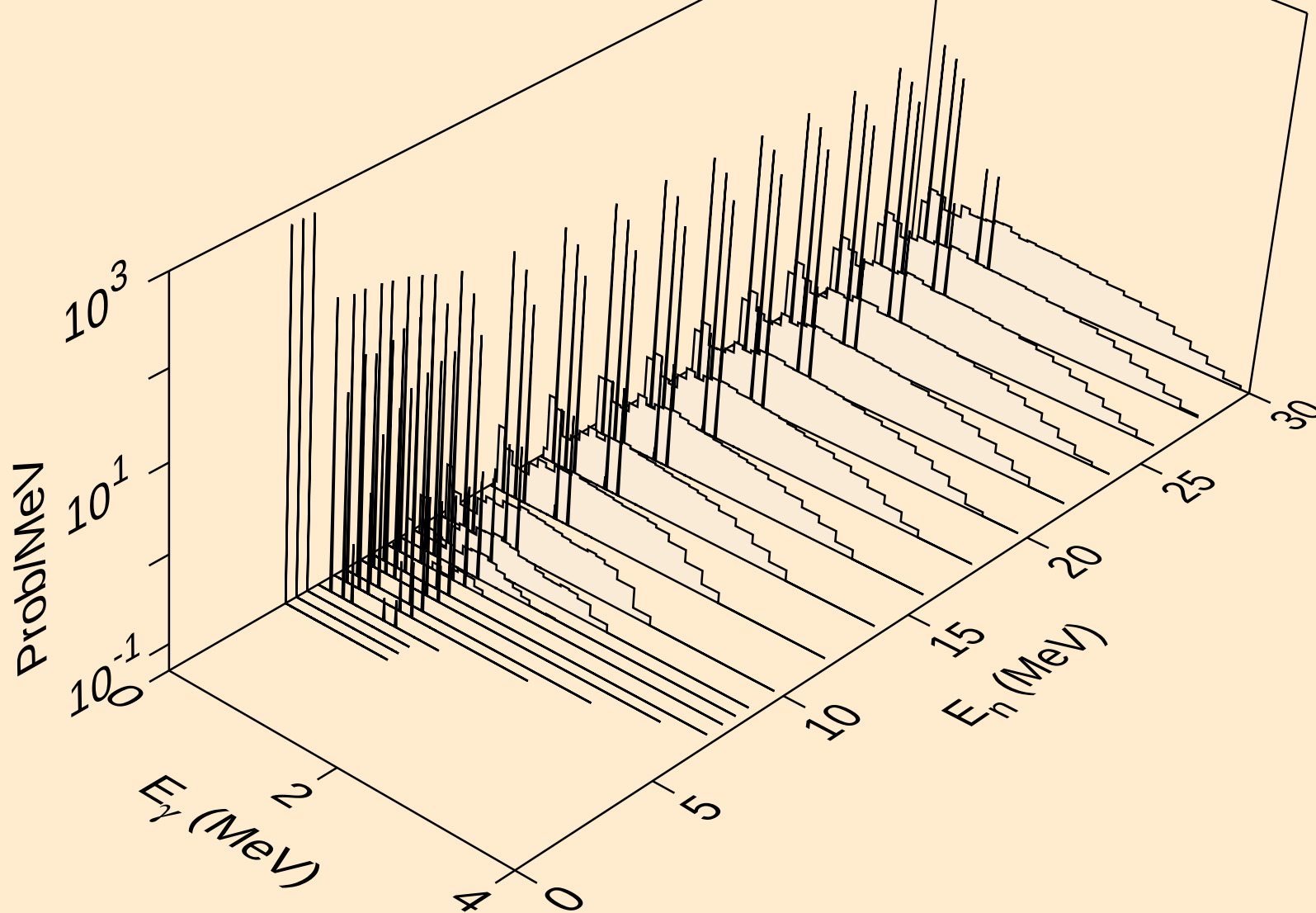
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



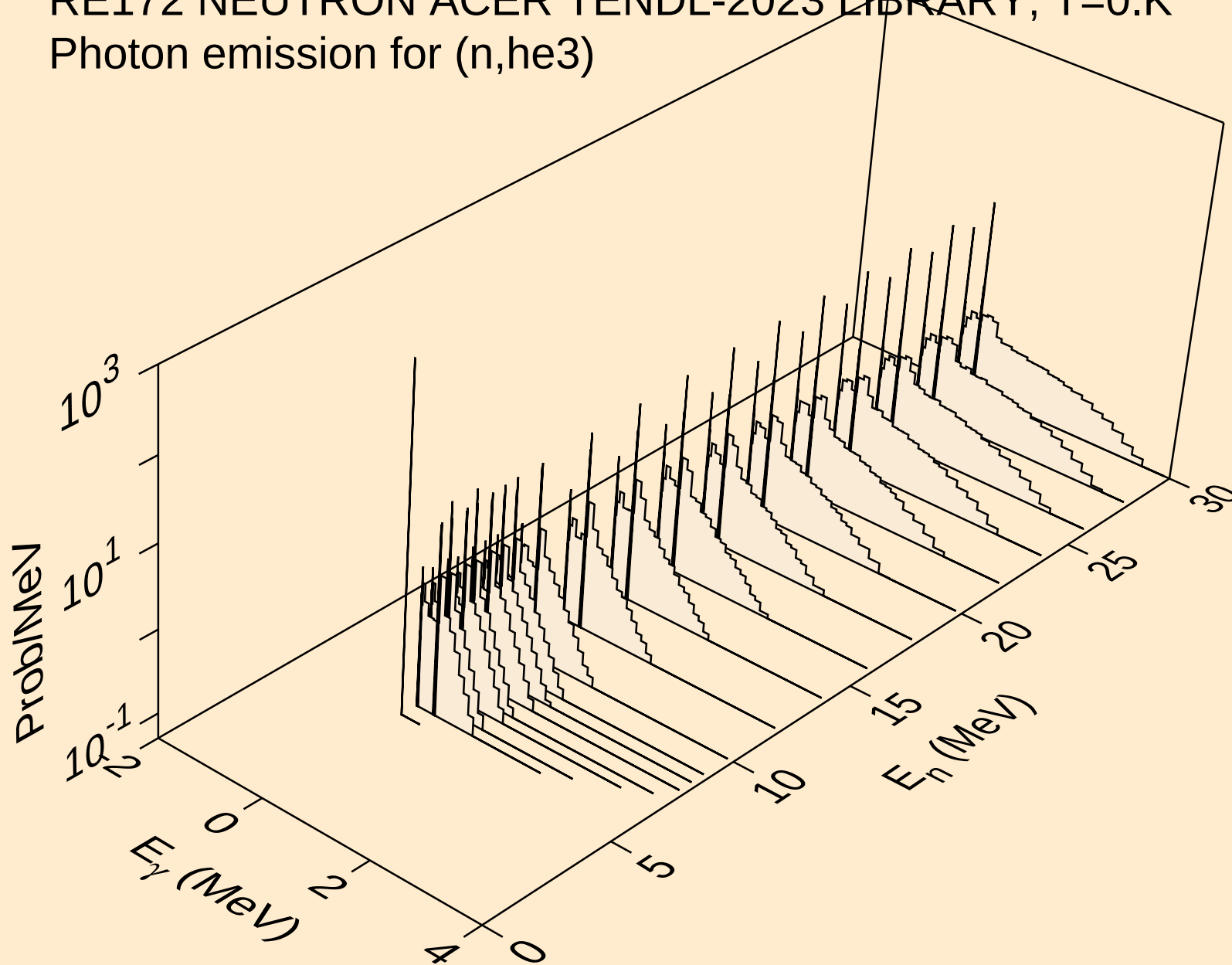
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



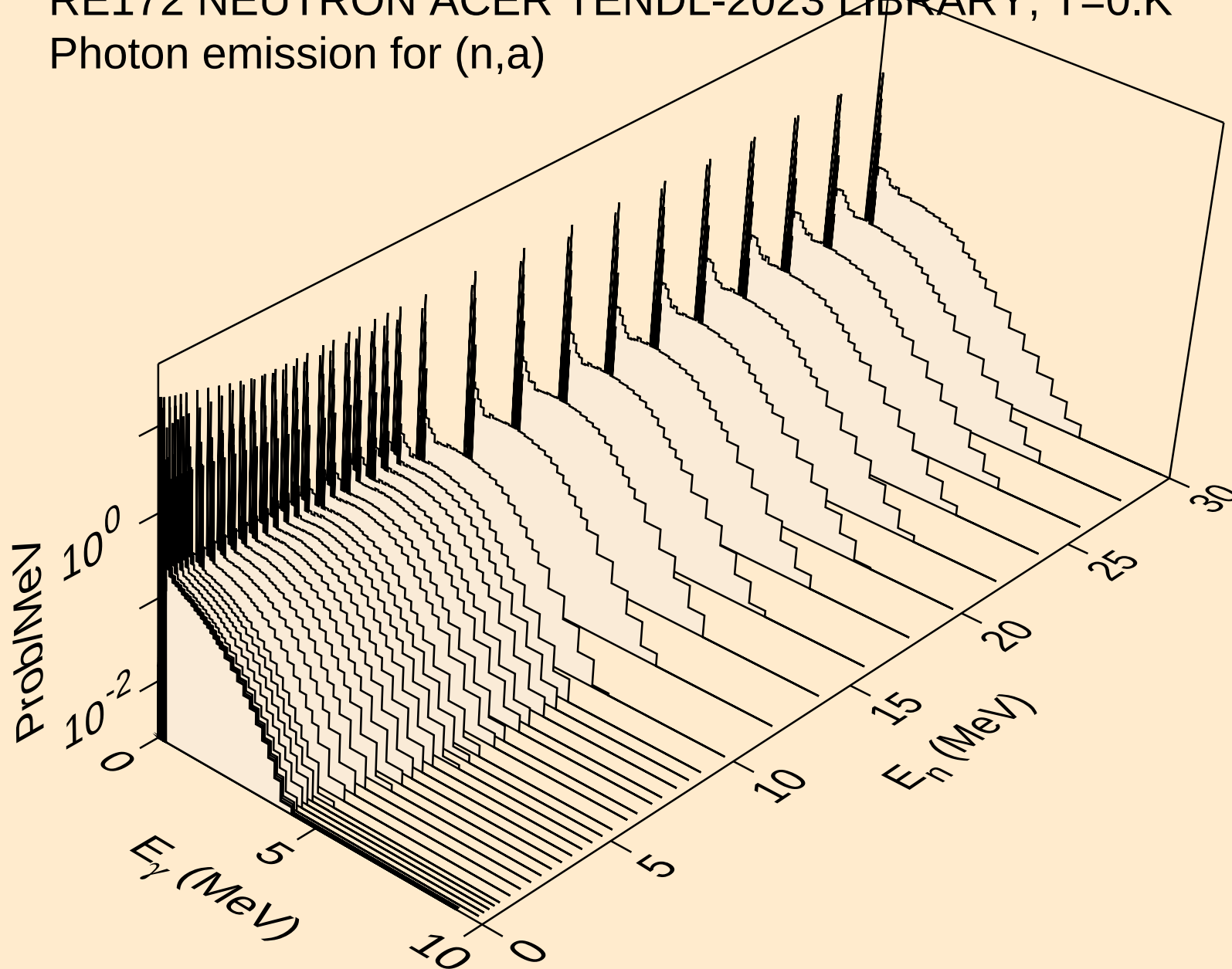
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



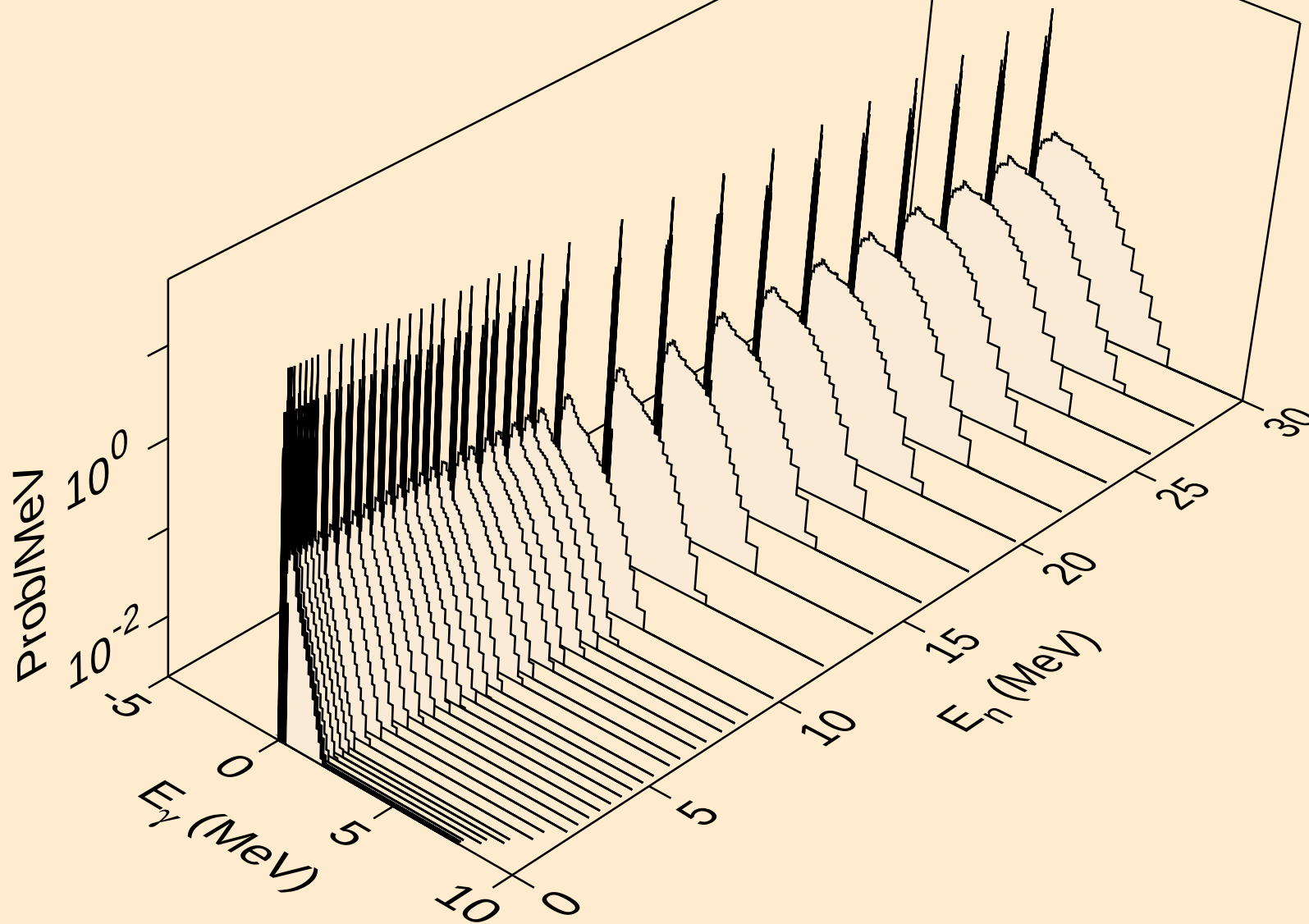
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



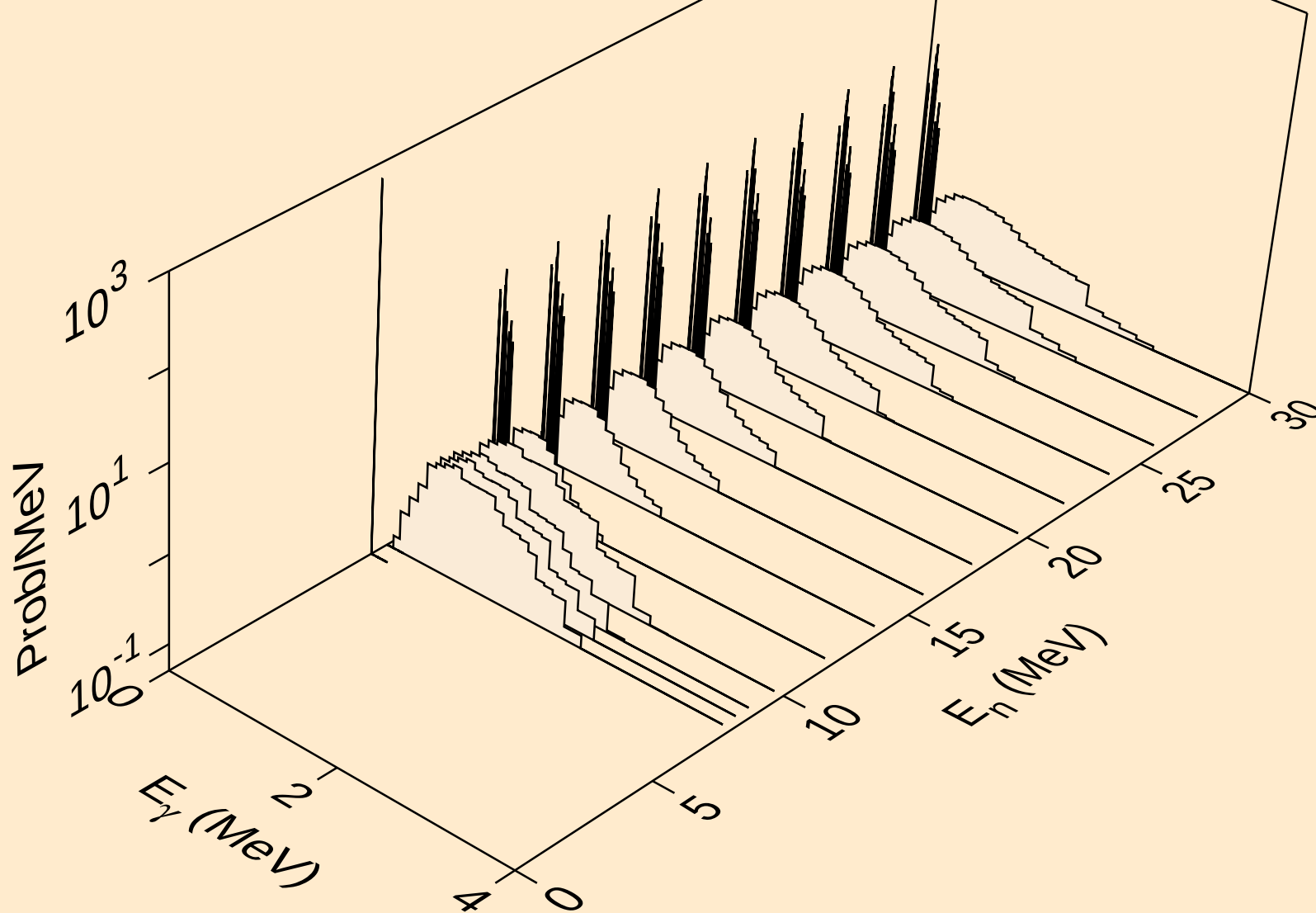
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



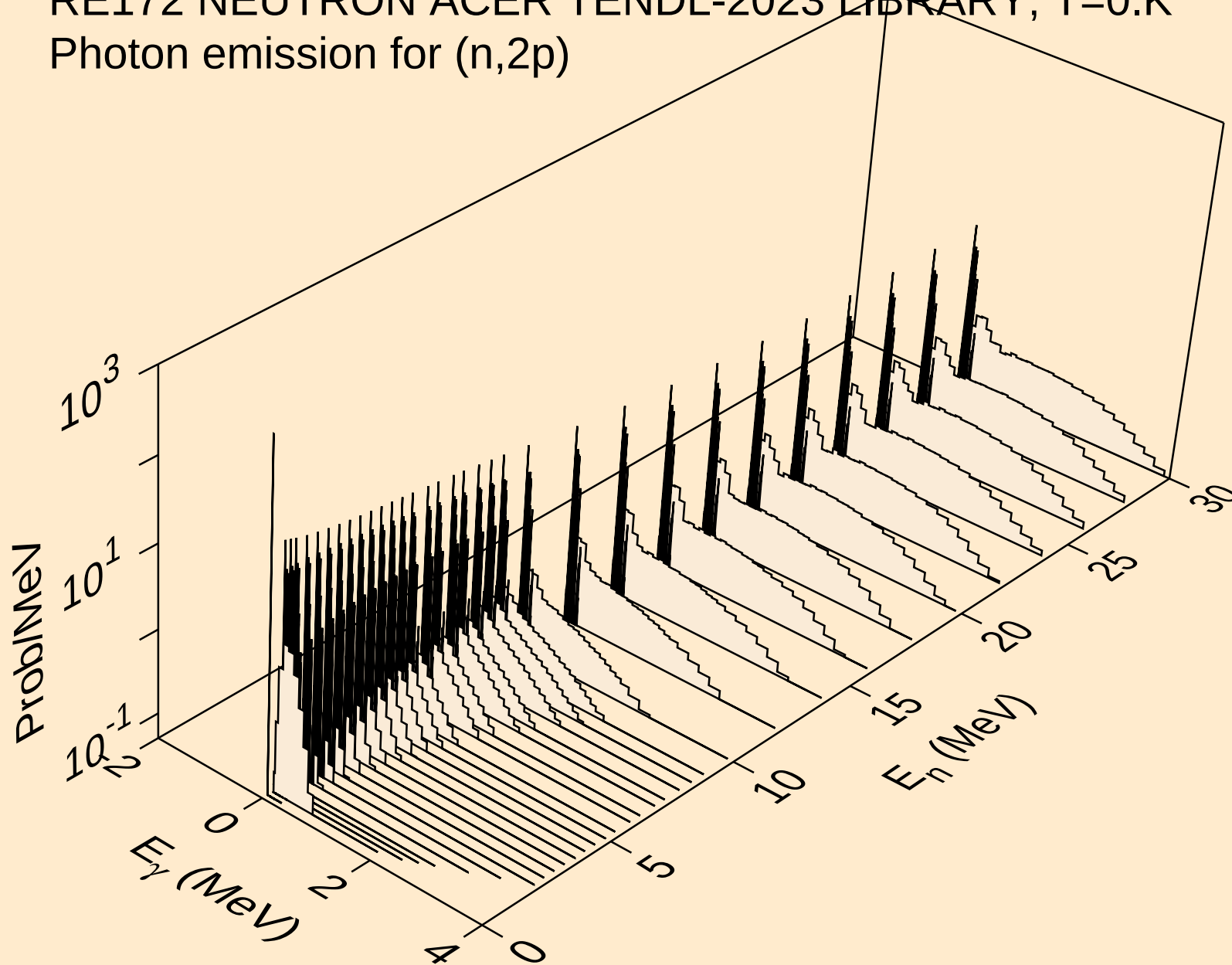
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



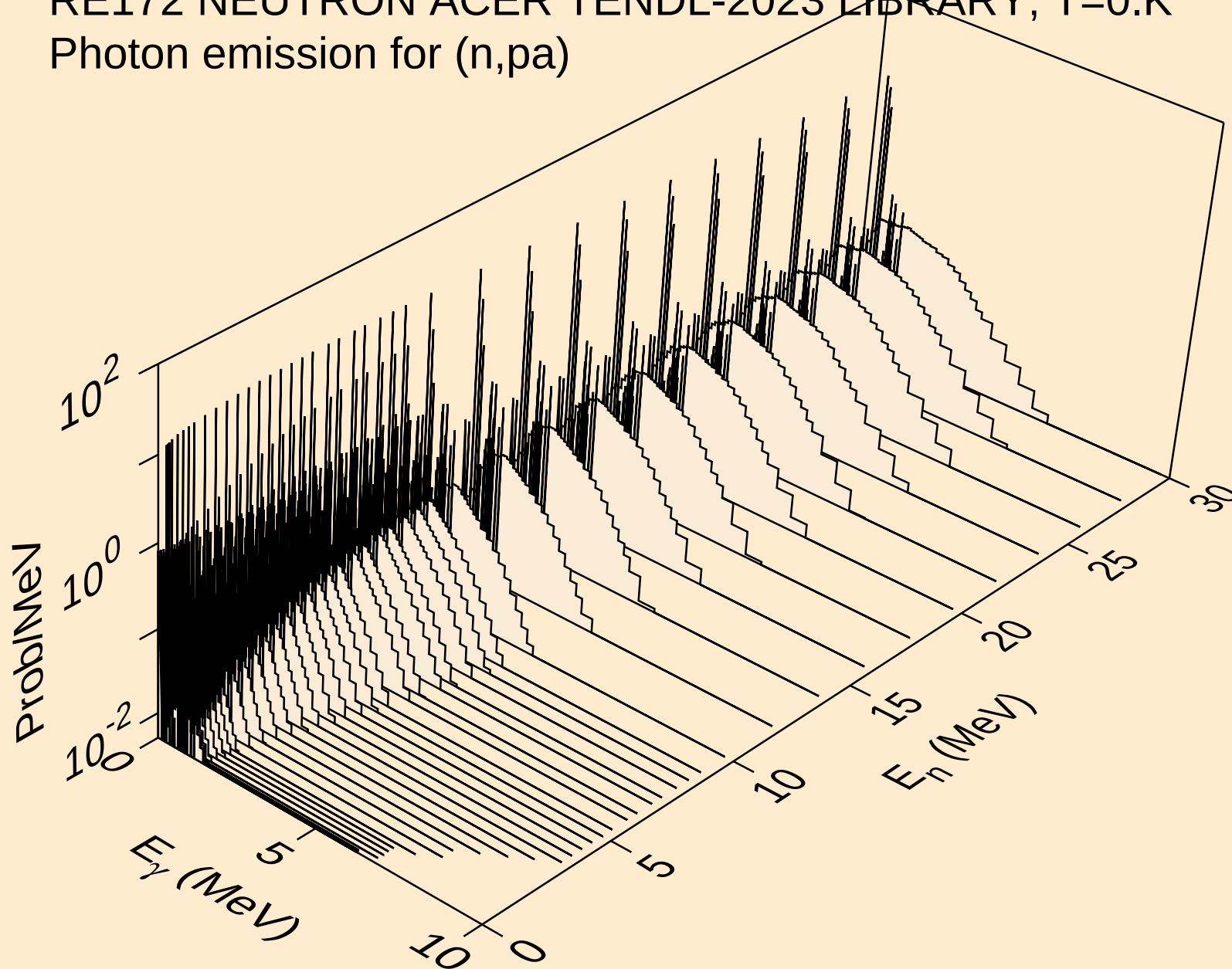
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3a)



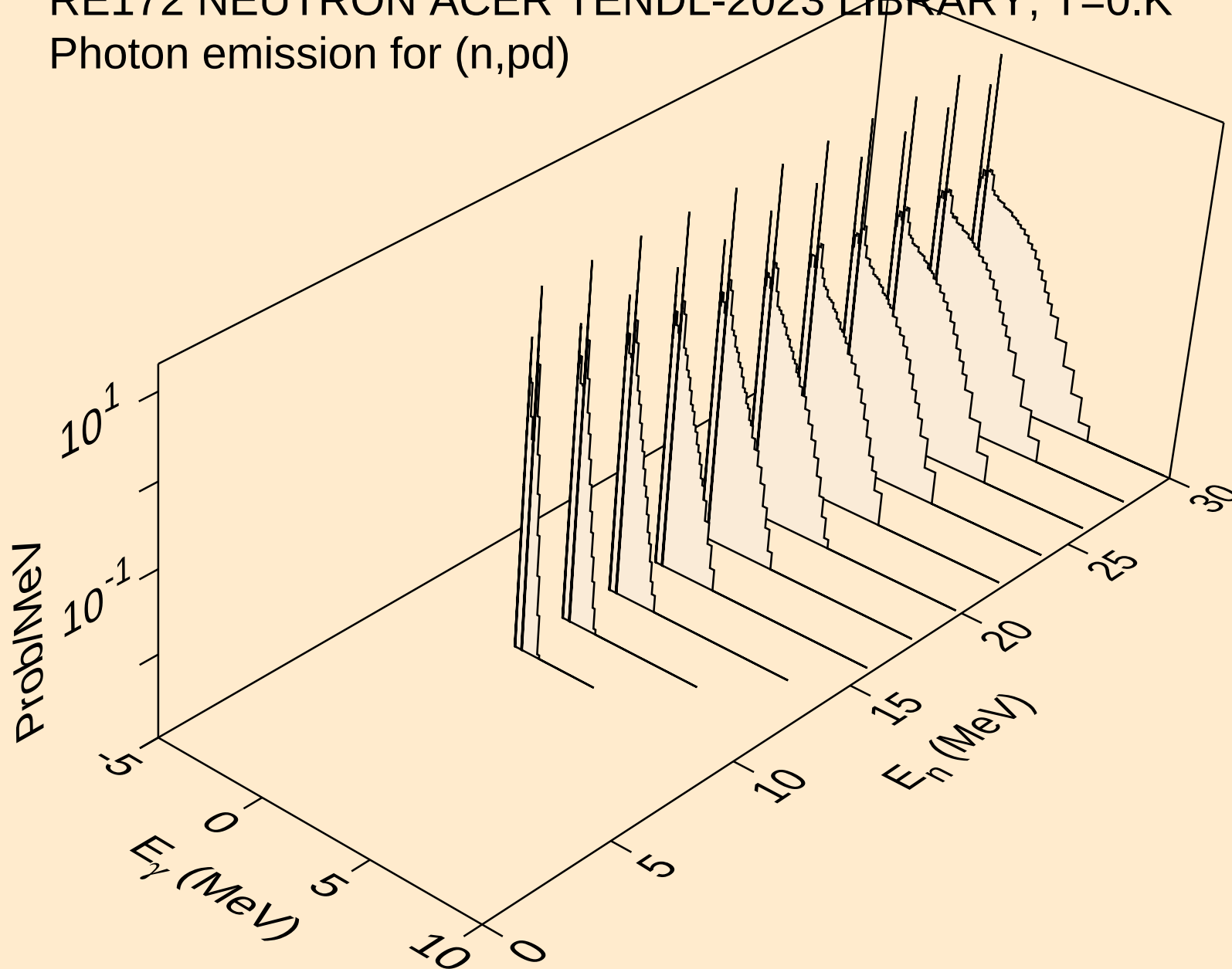
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



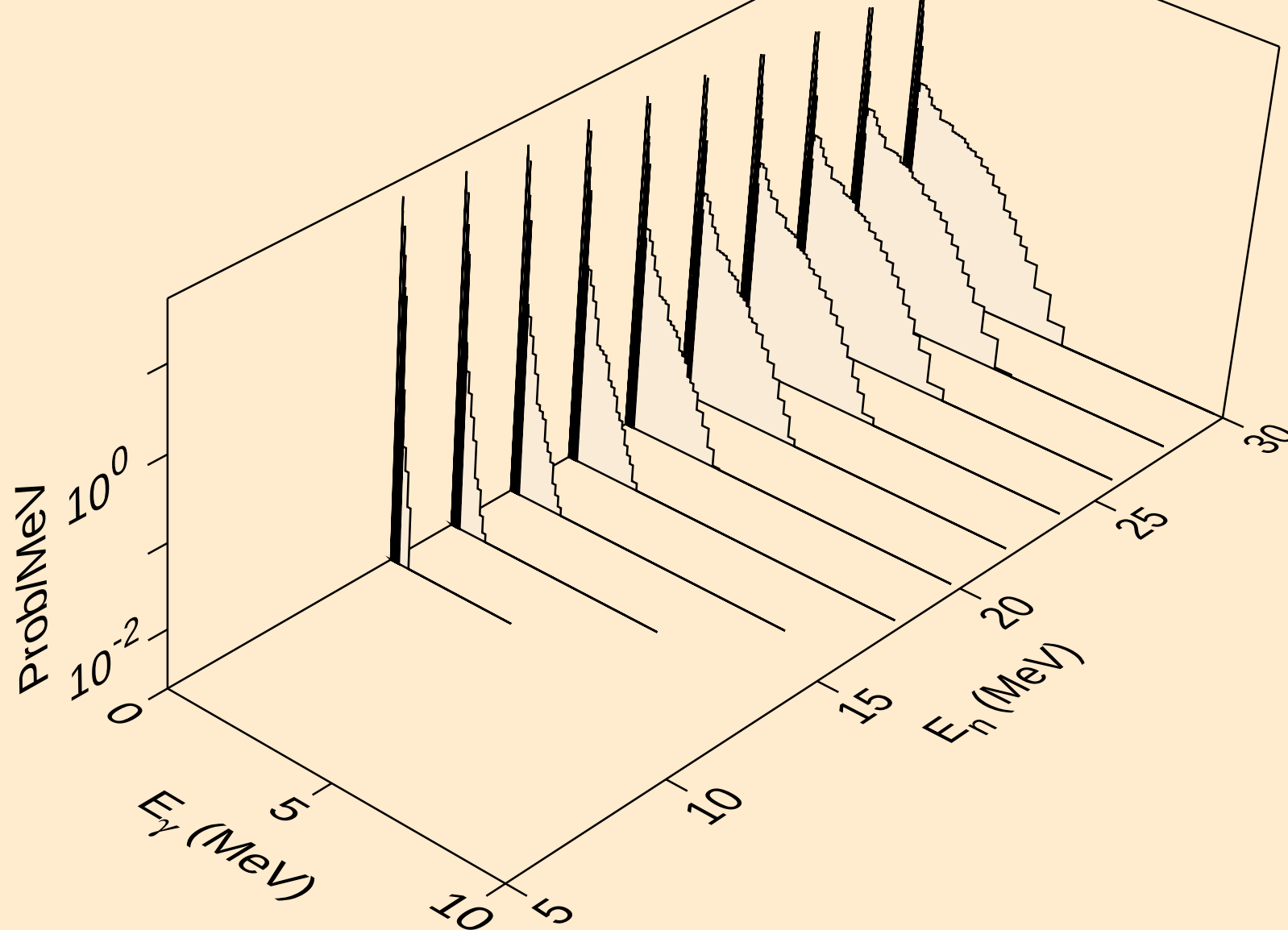
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p α)



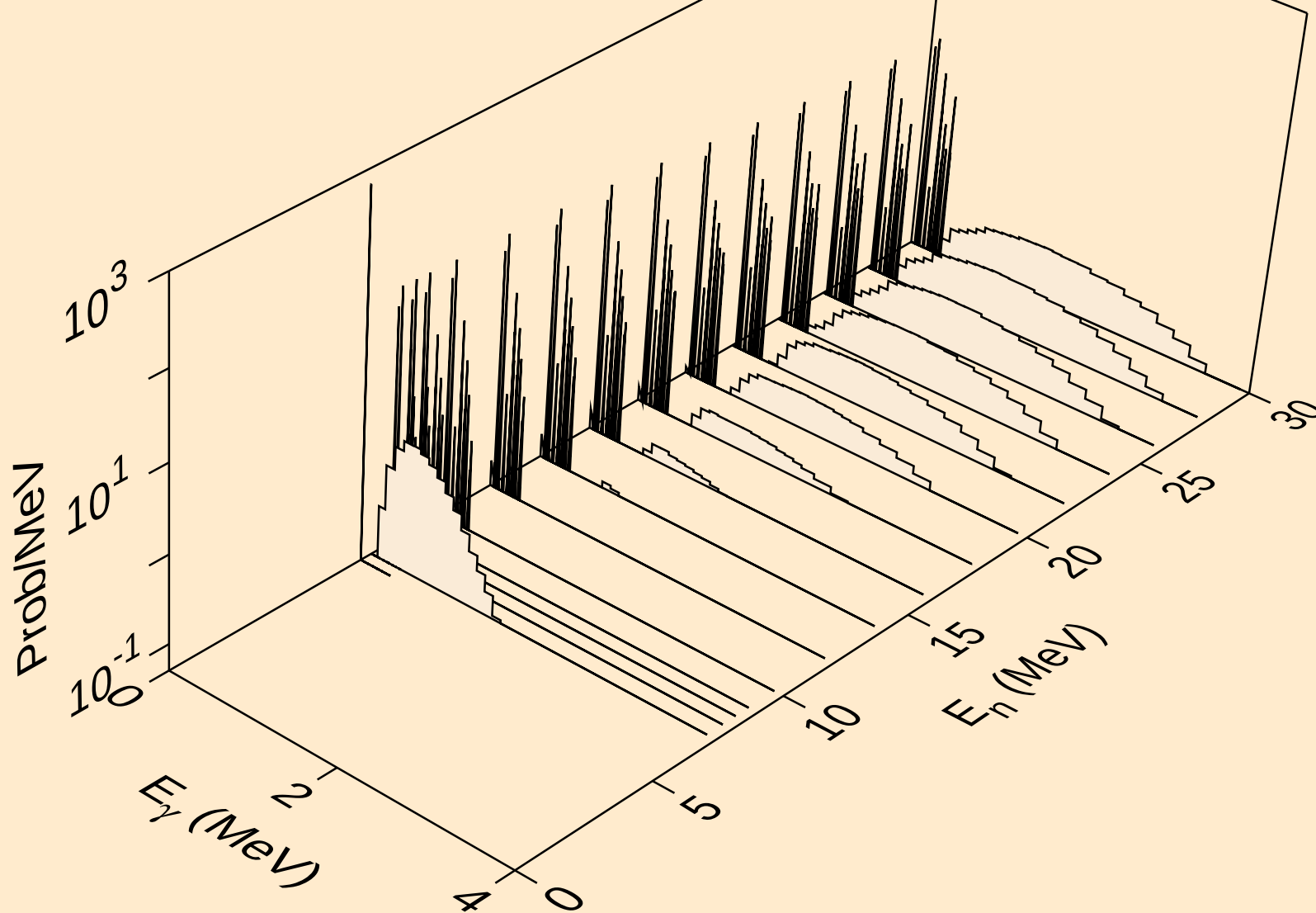
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



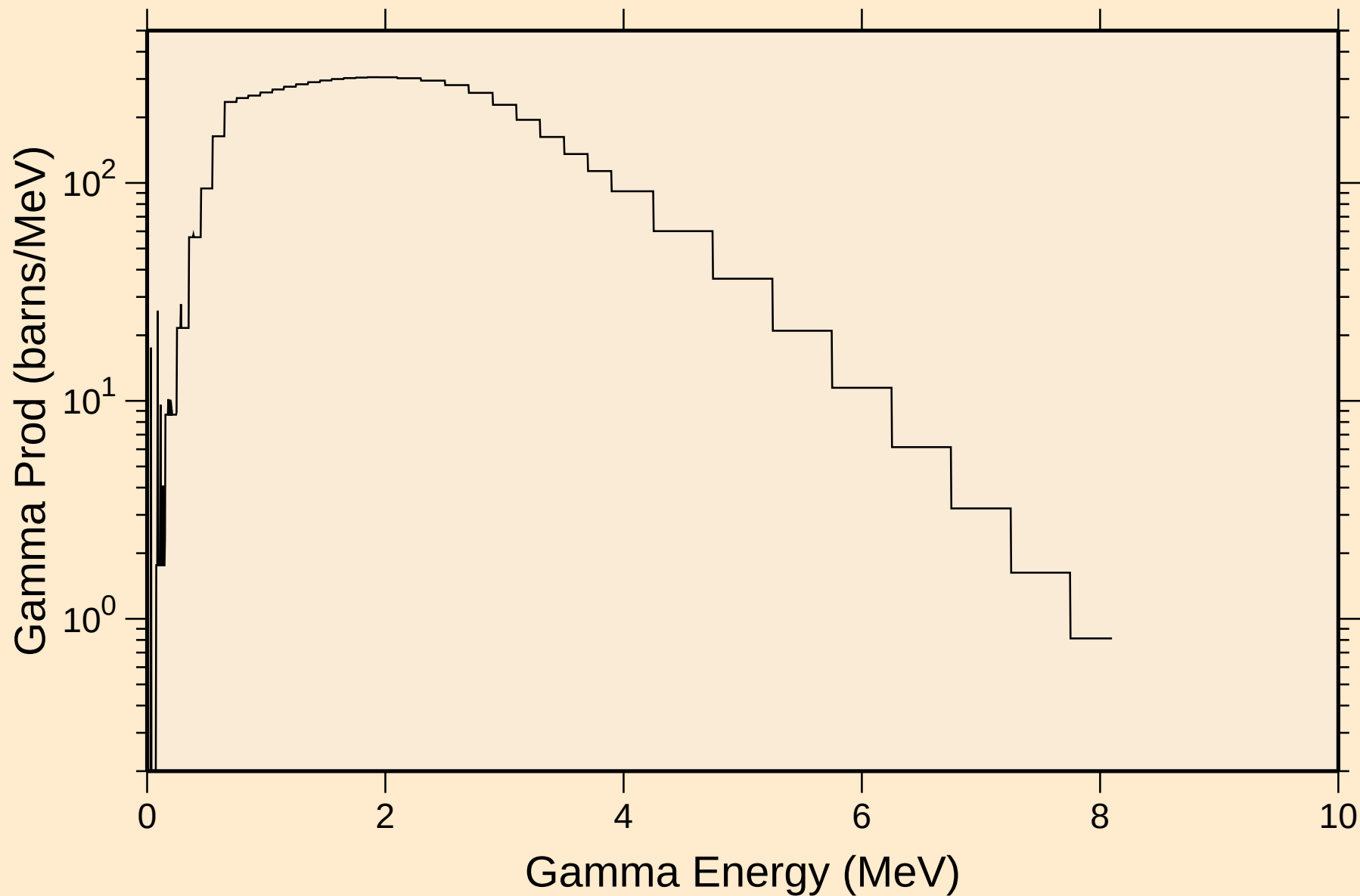
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)



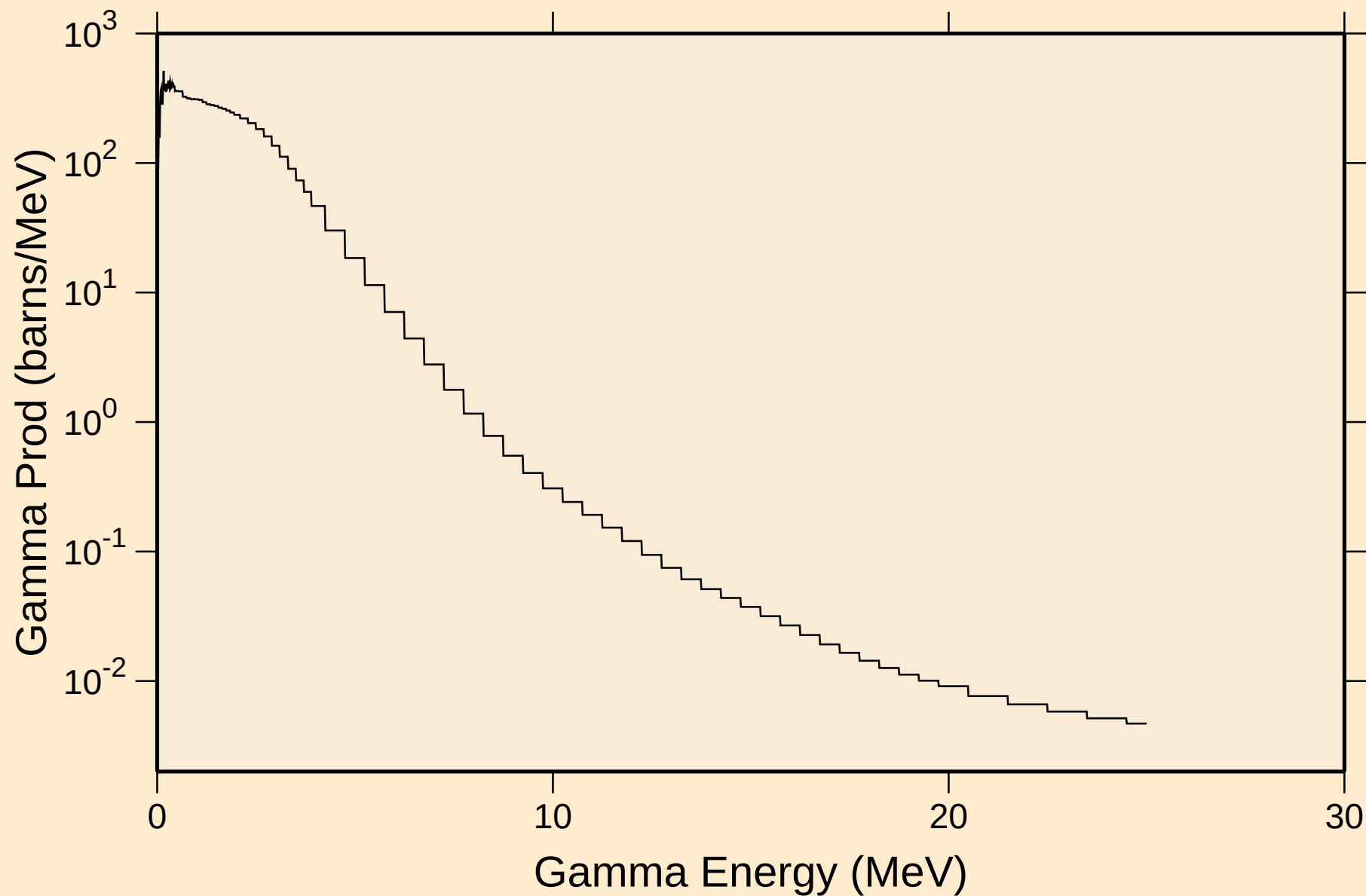
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

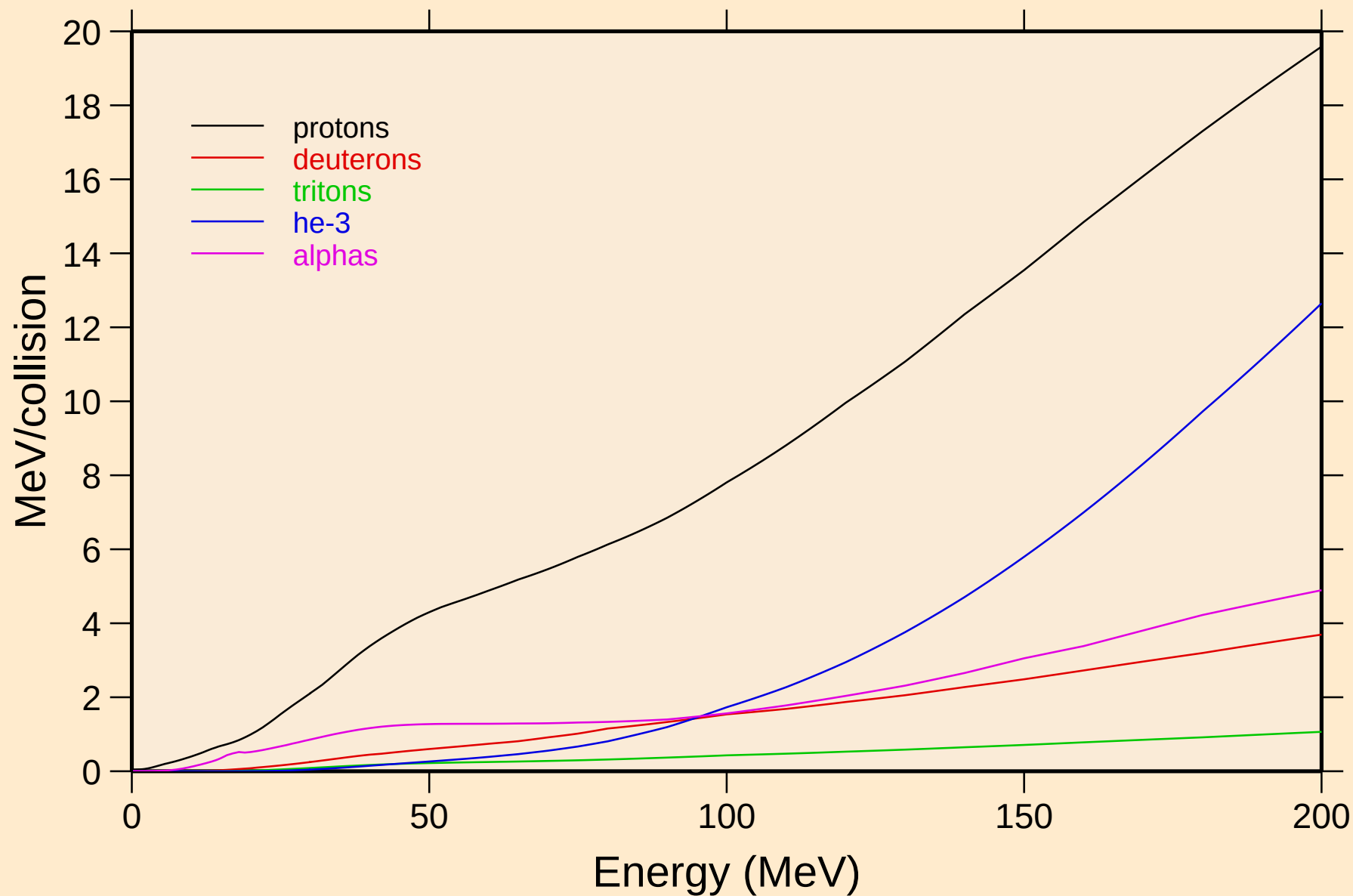


RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum

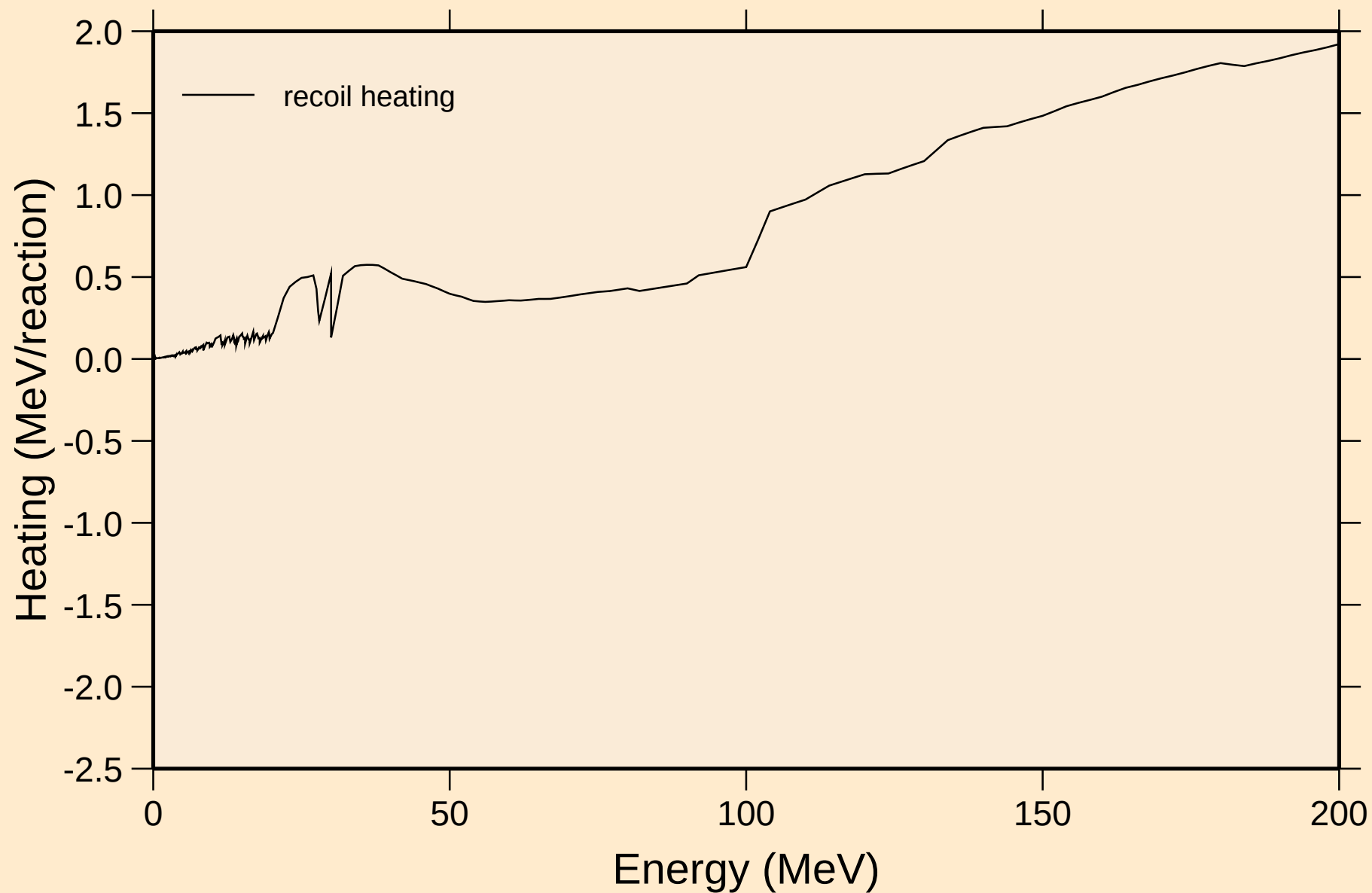


RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions

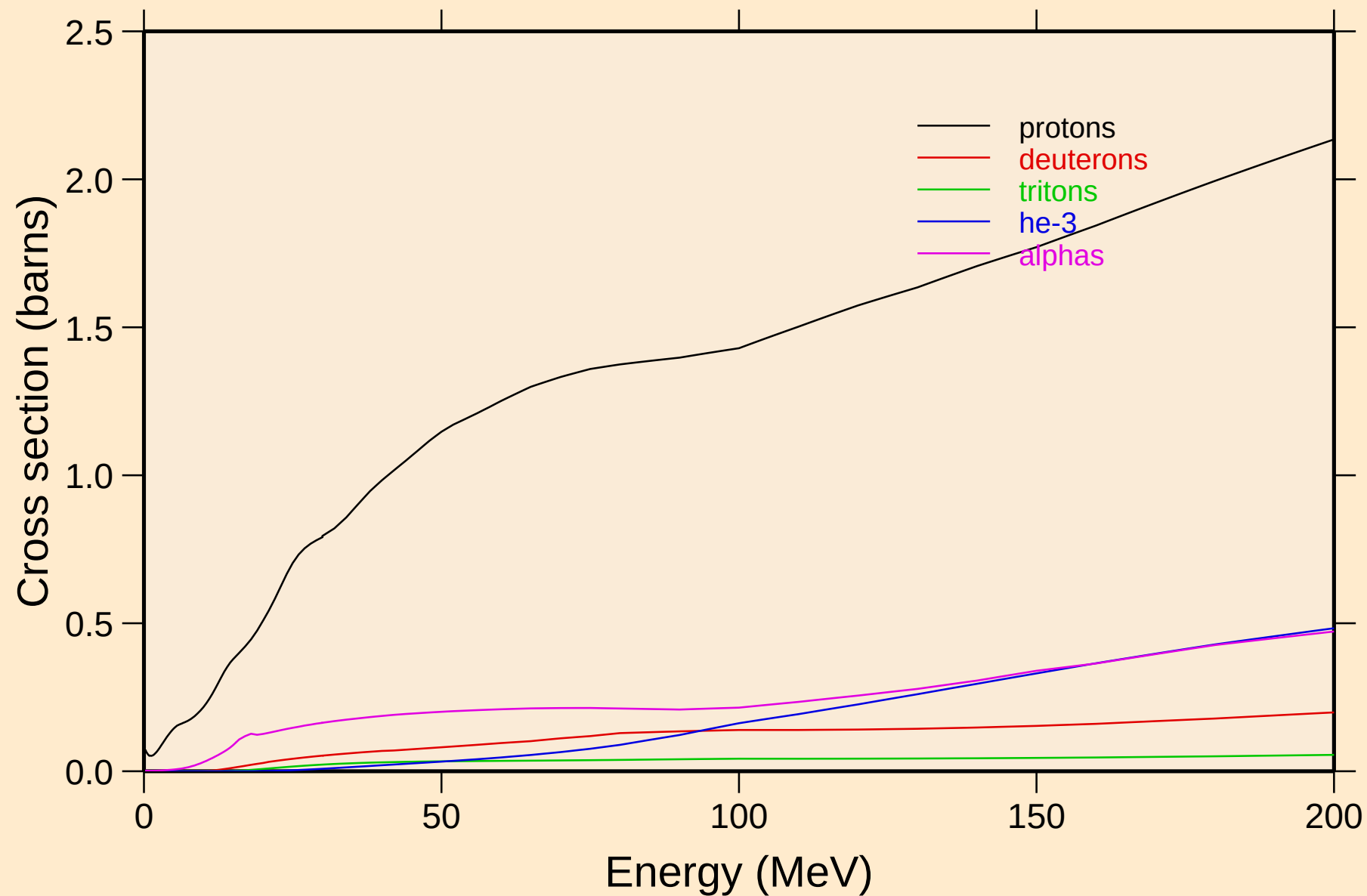


RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating

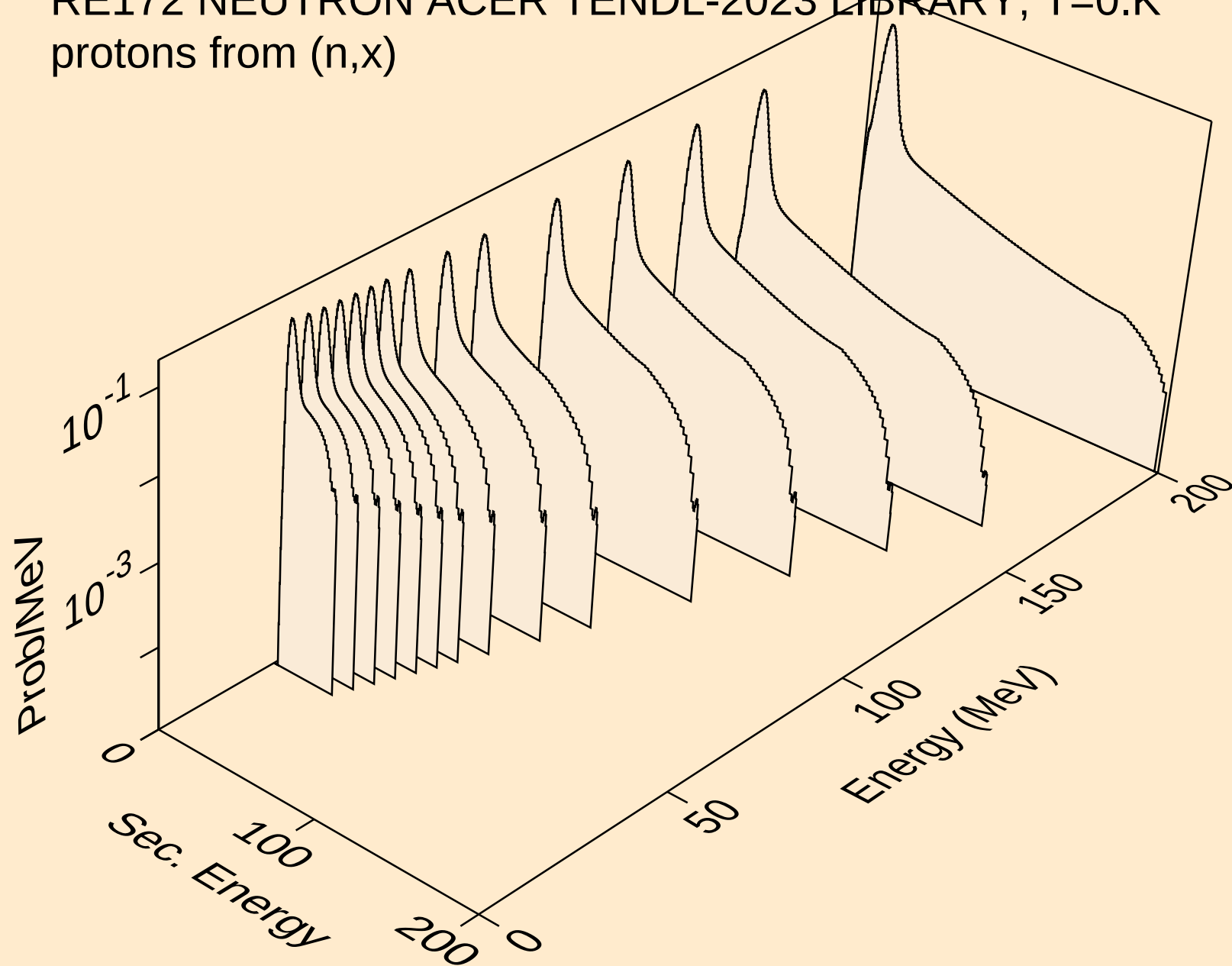


RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

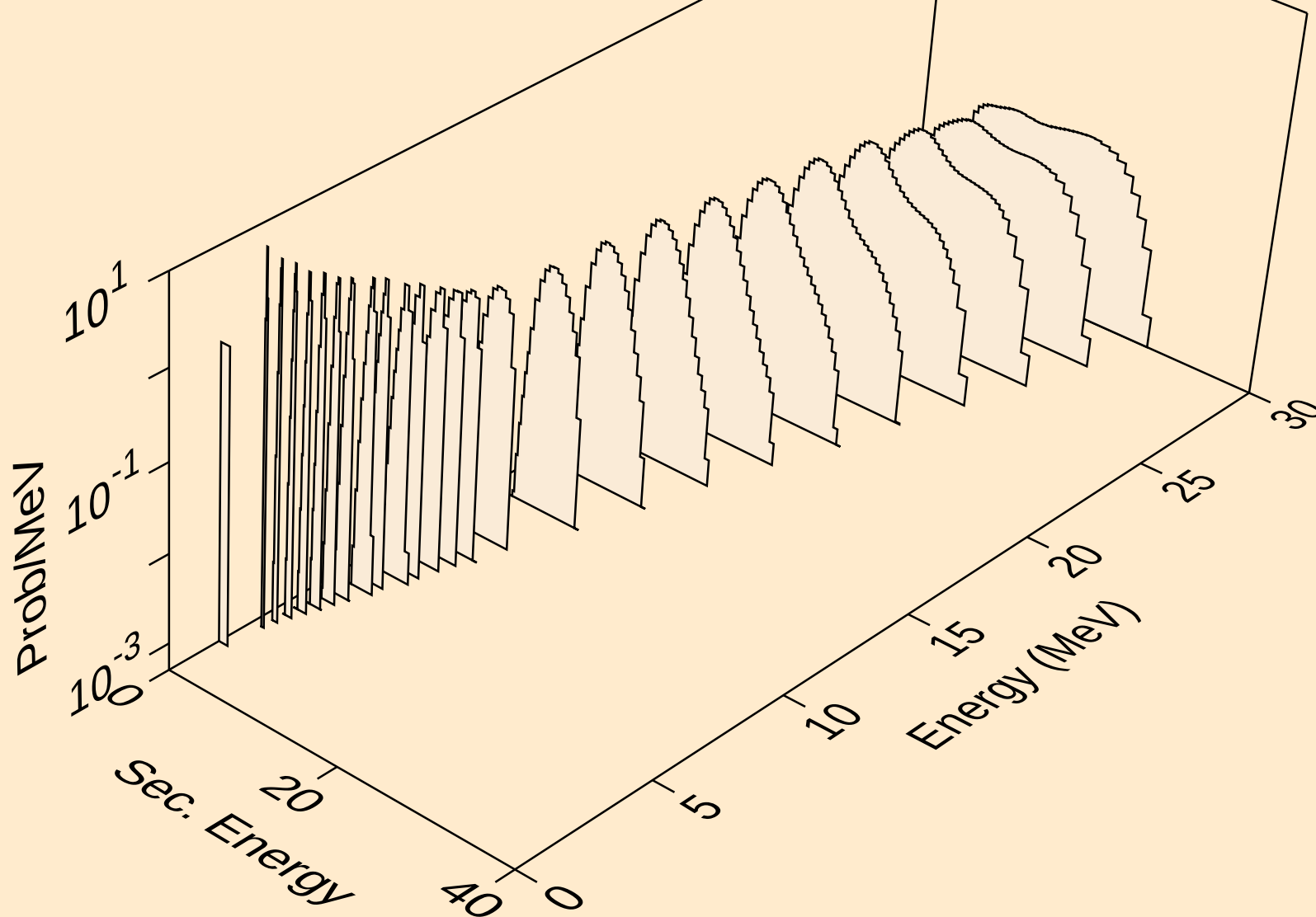
Particle production cross sections



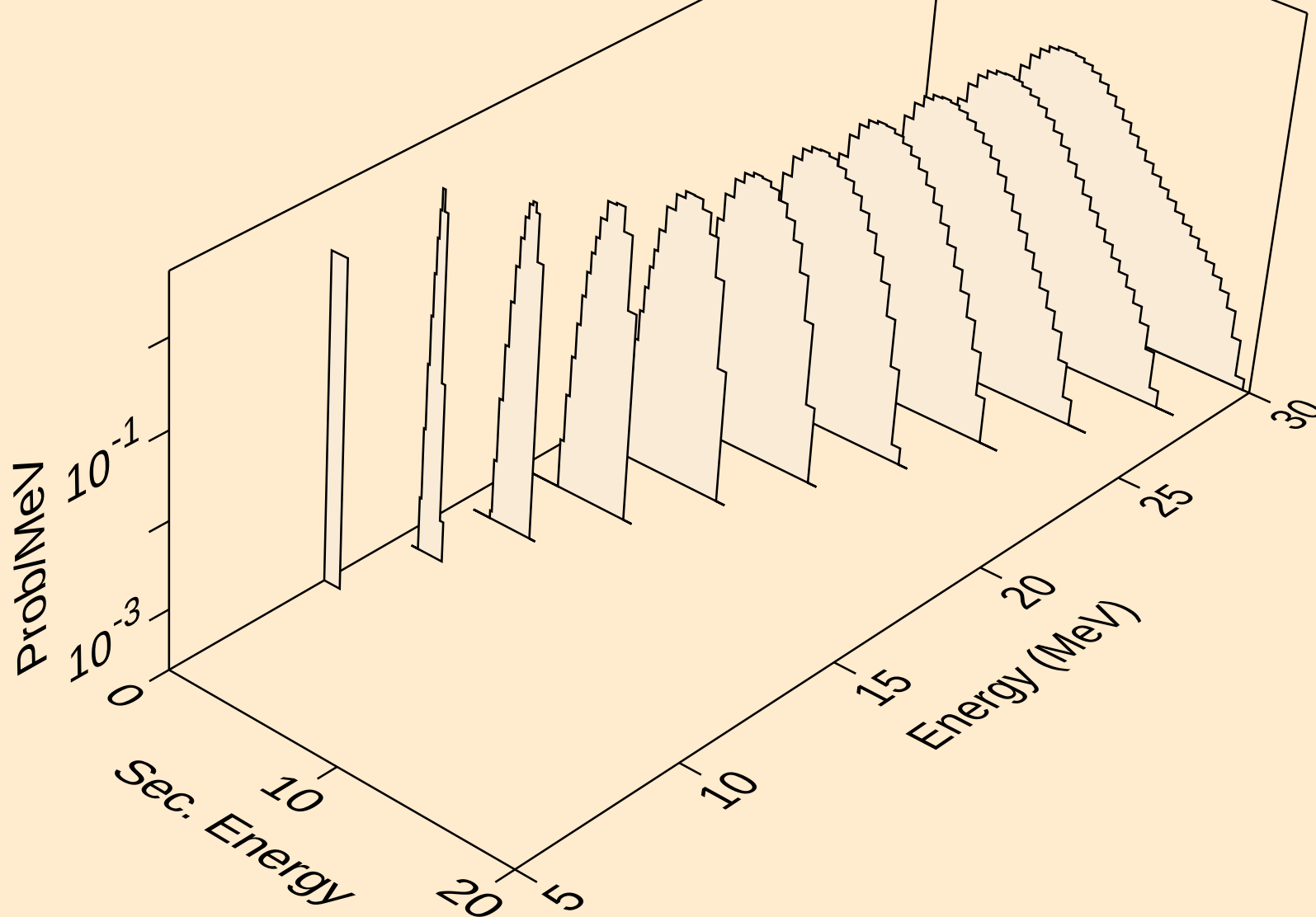
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



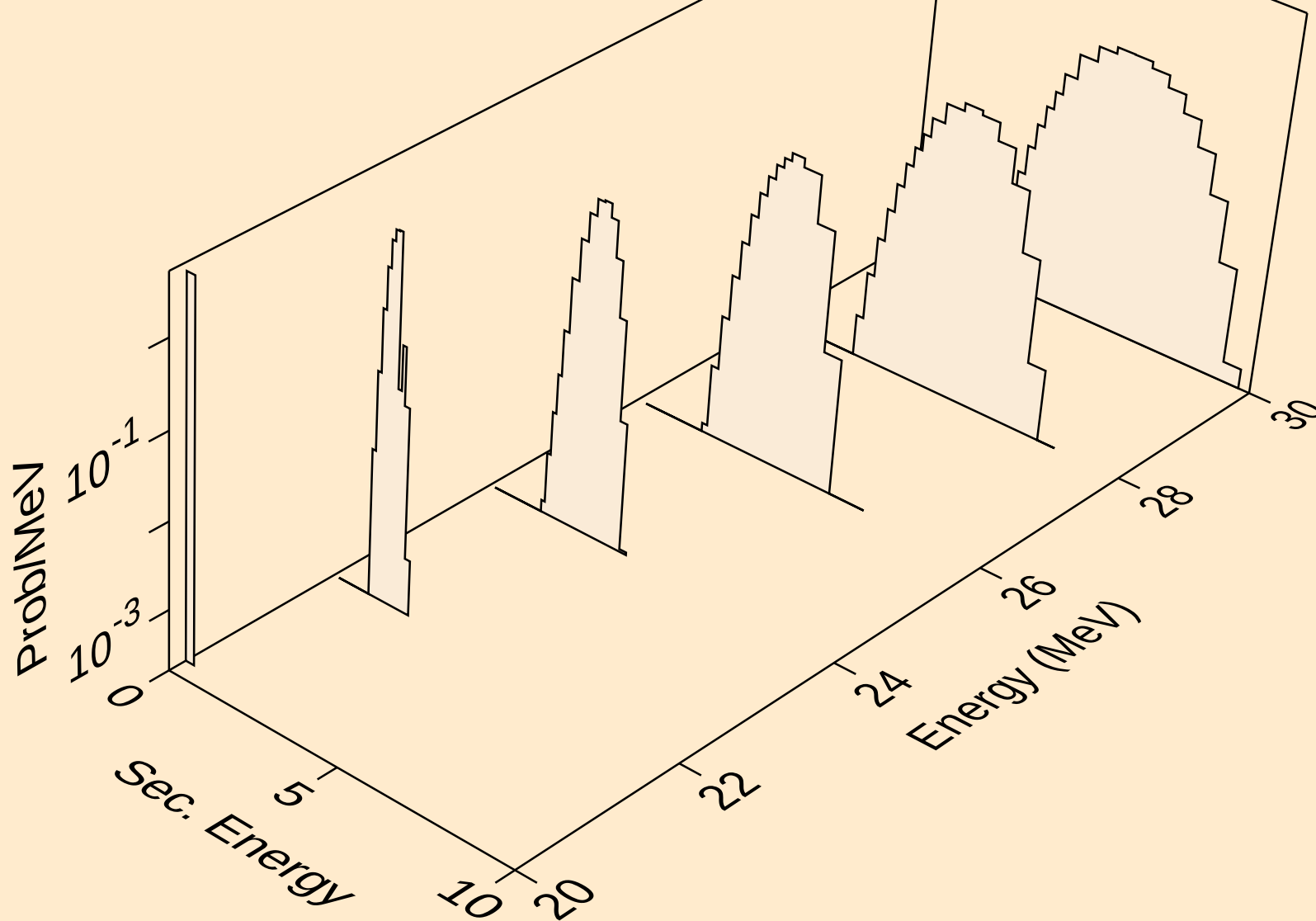
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



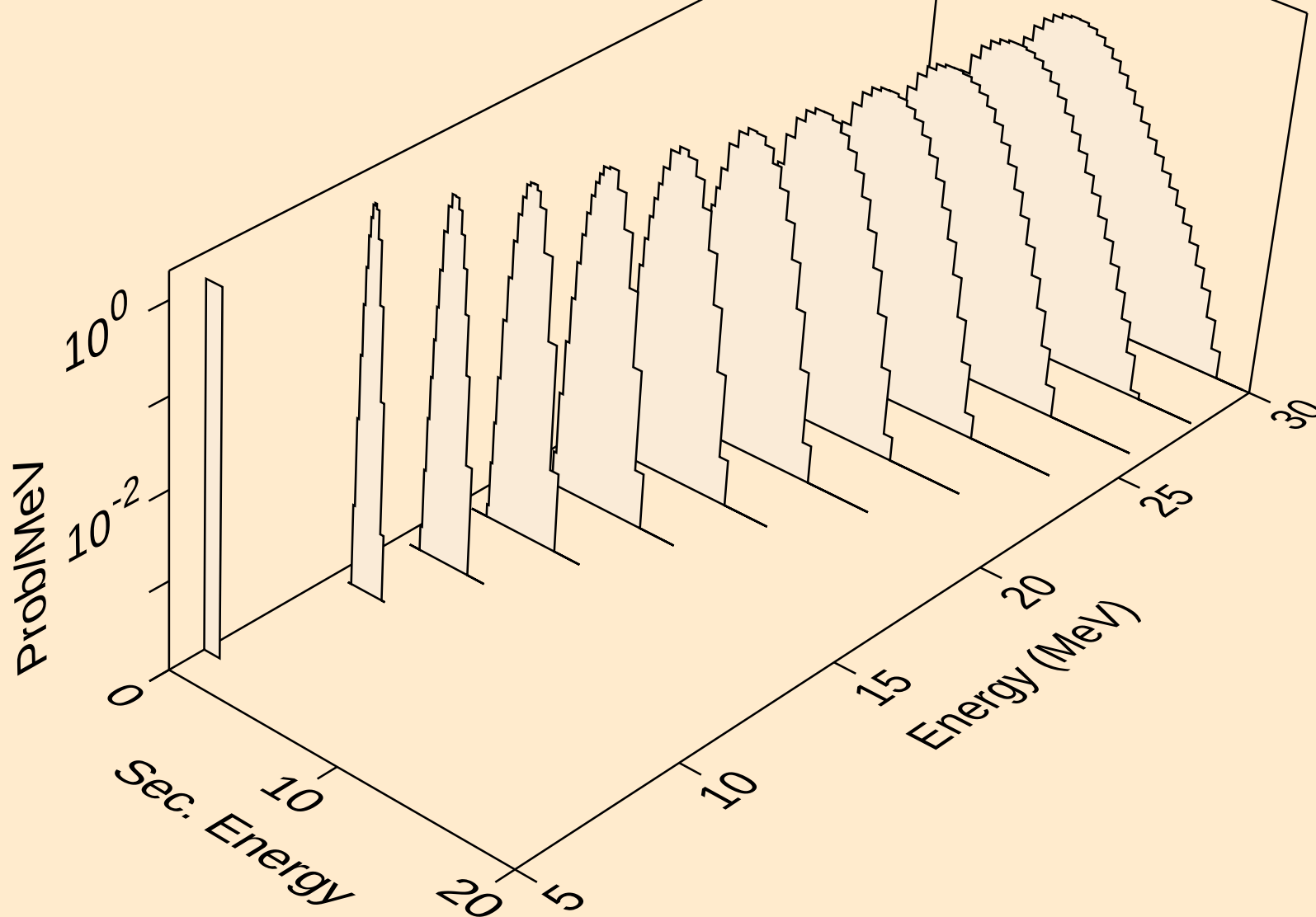
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protons from (n,2np)



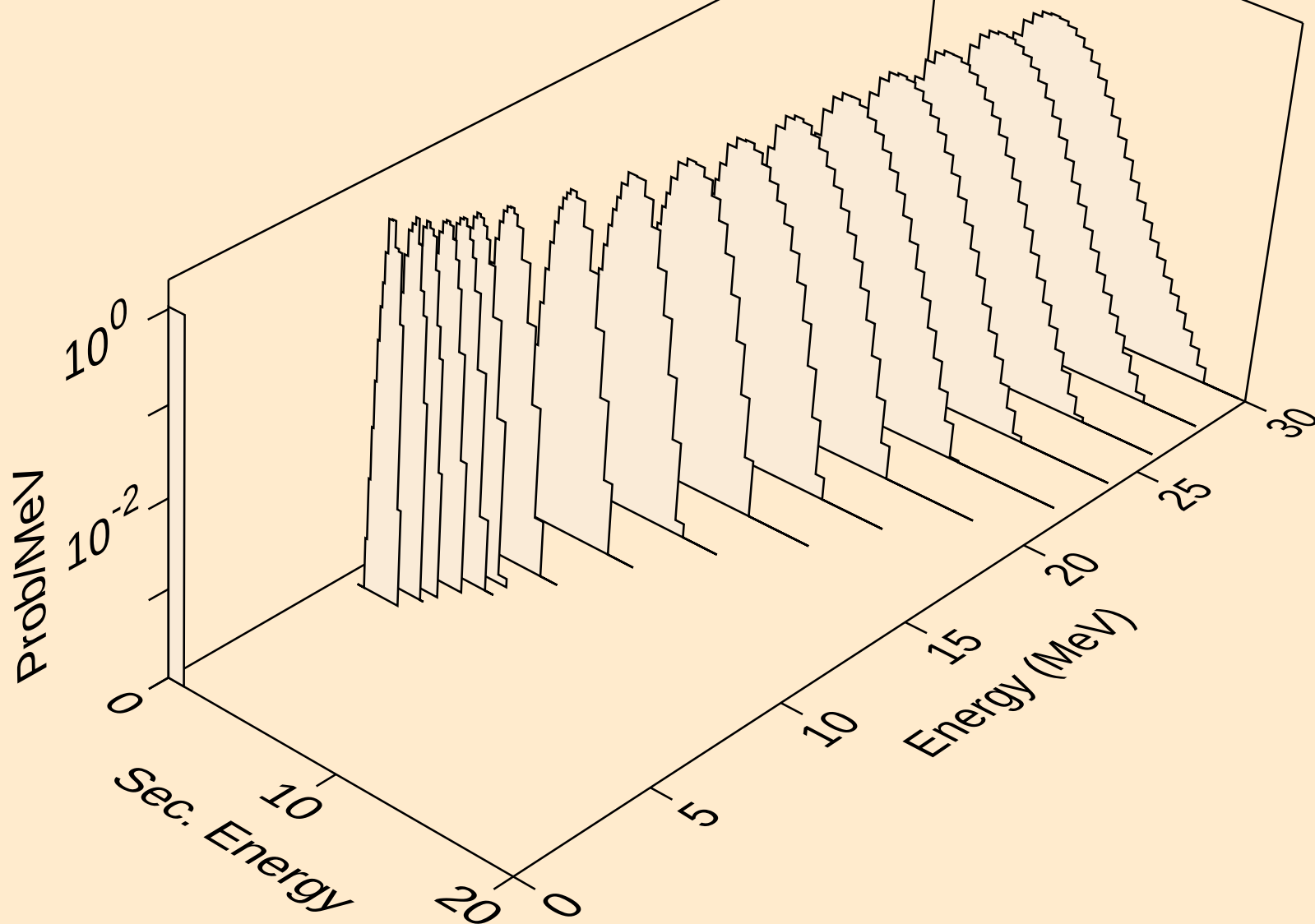
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protons from (n,3np)



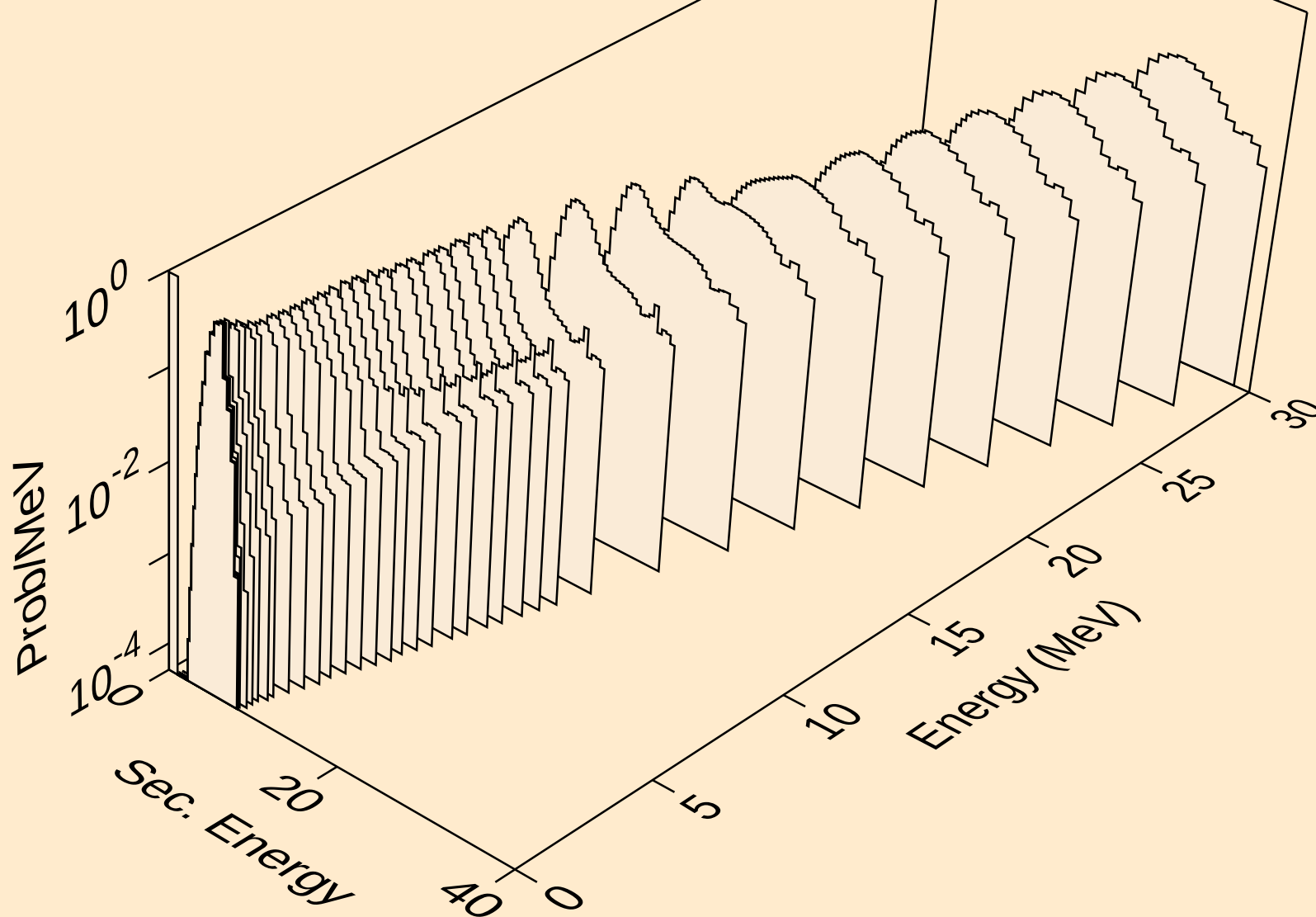
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protons from (n,n2p)



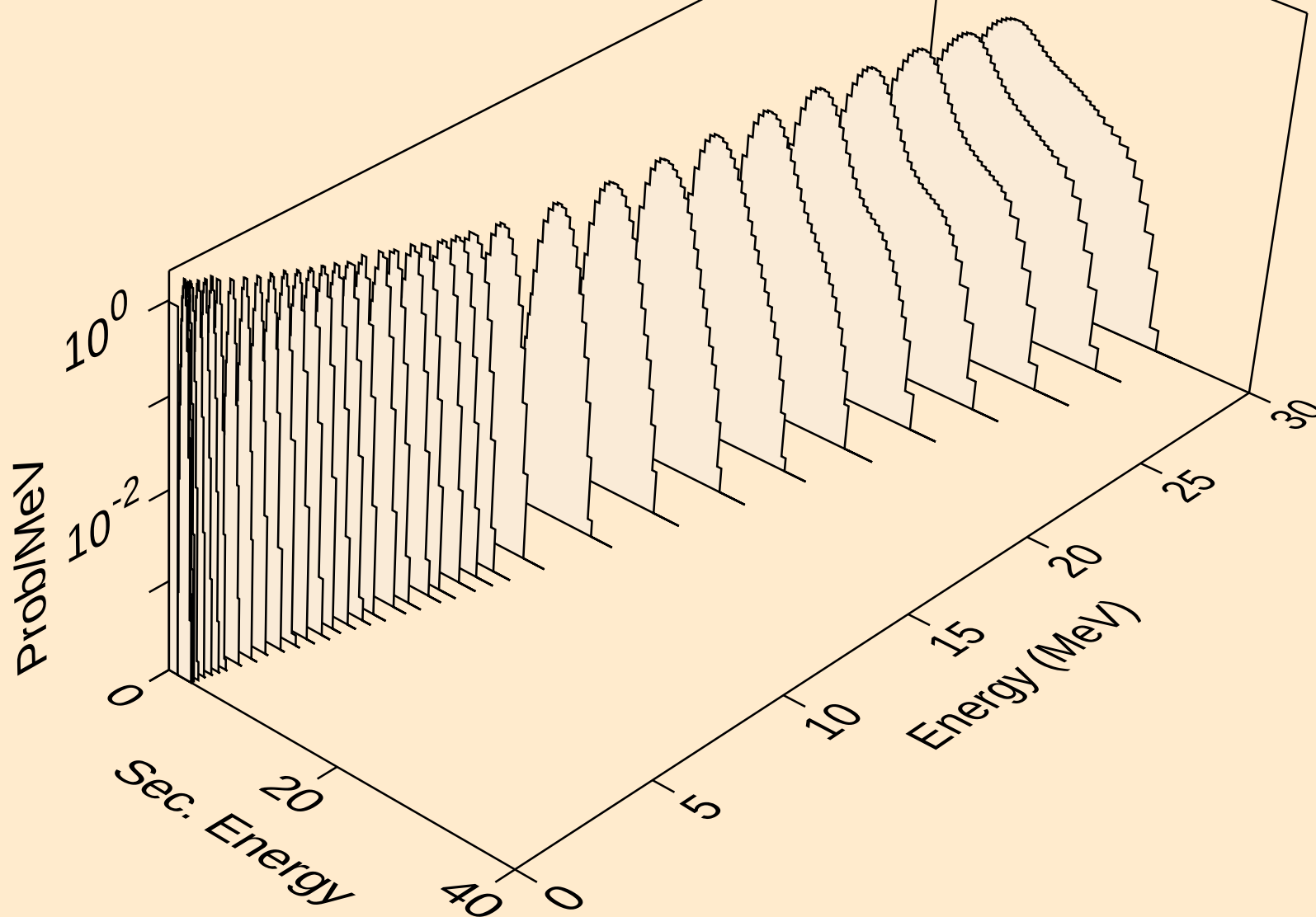
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protons from (n,npa)



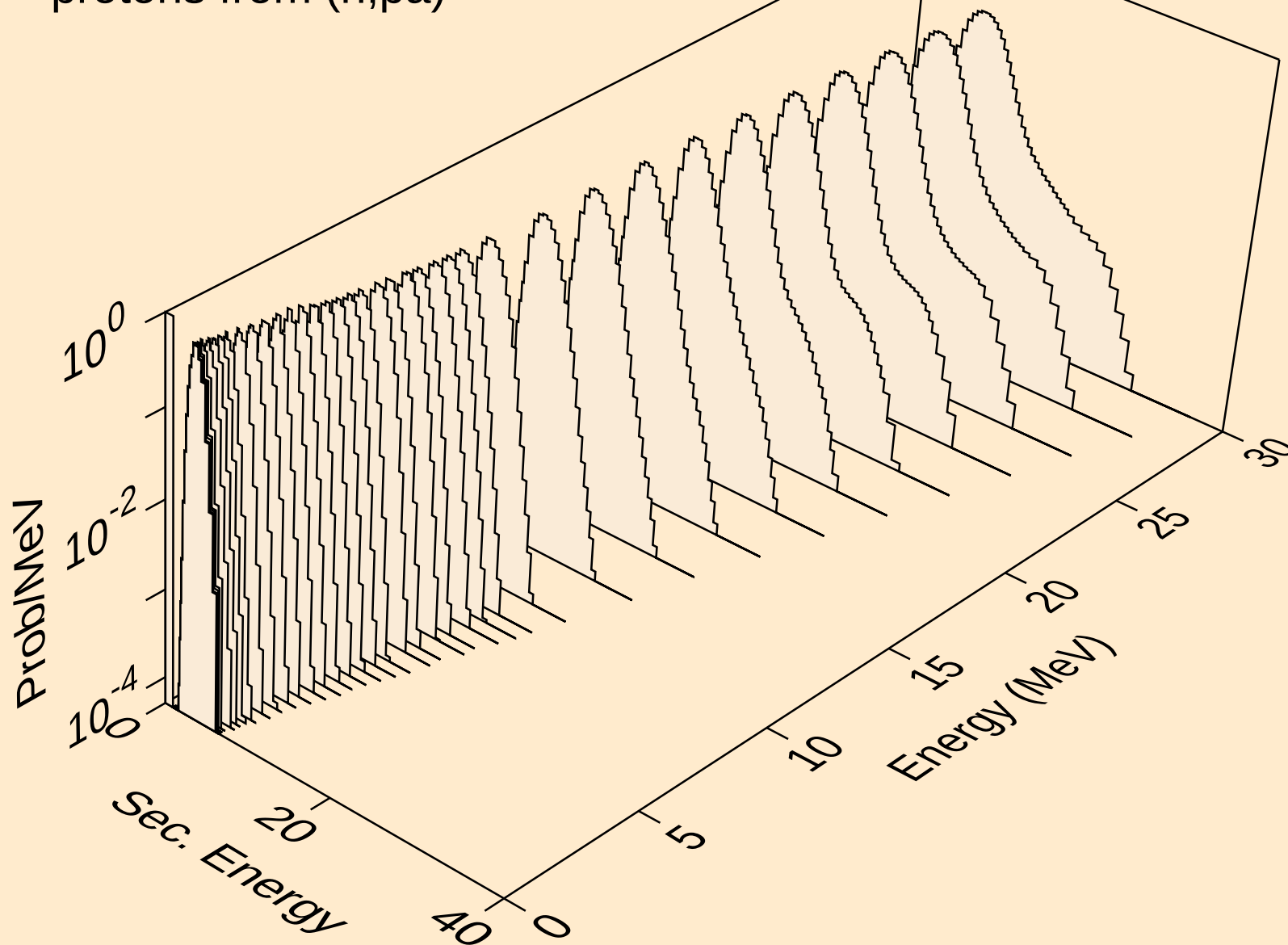
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protons from (n,p)



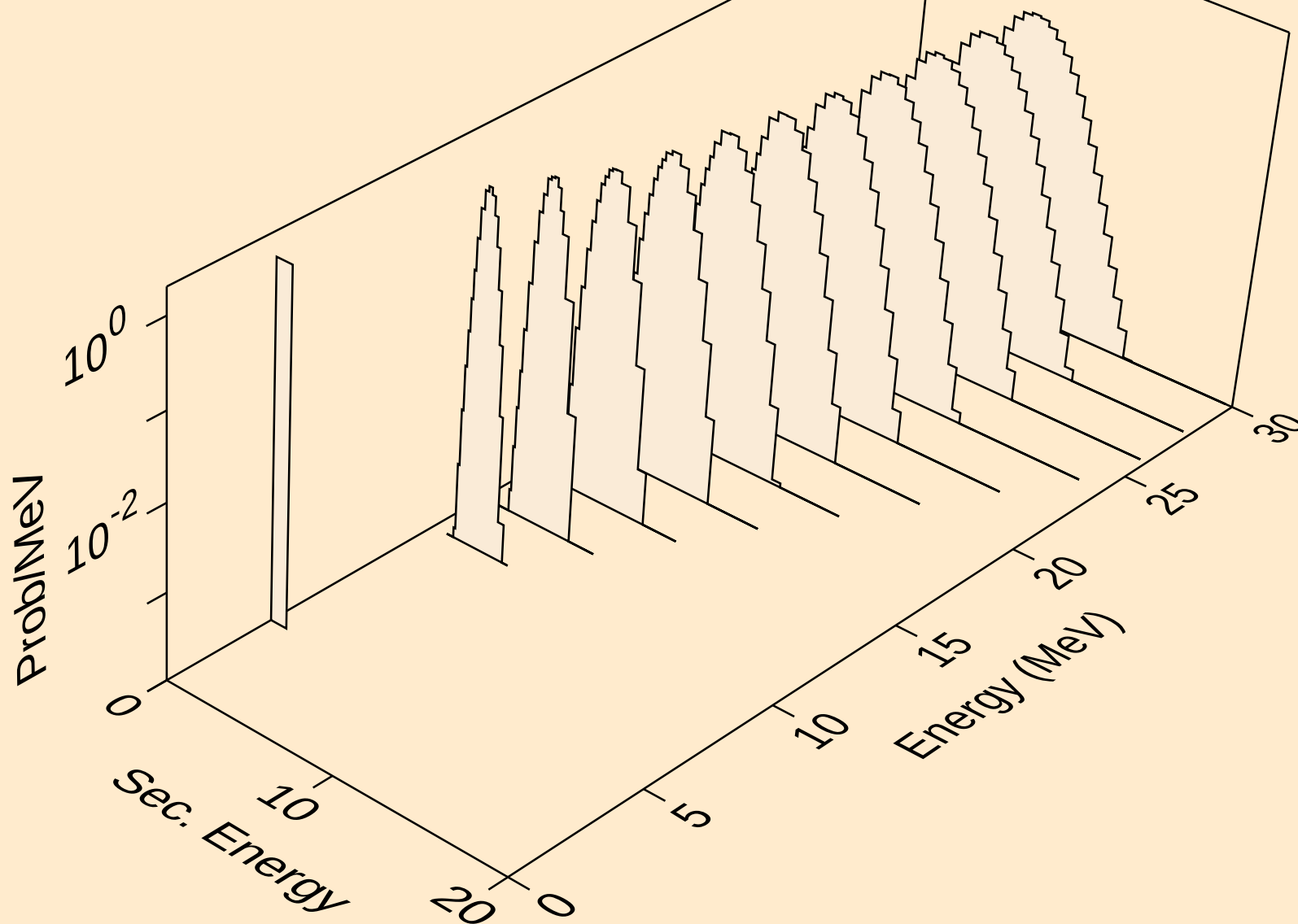
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protons from (n,2p)



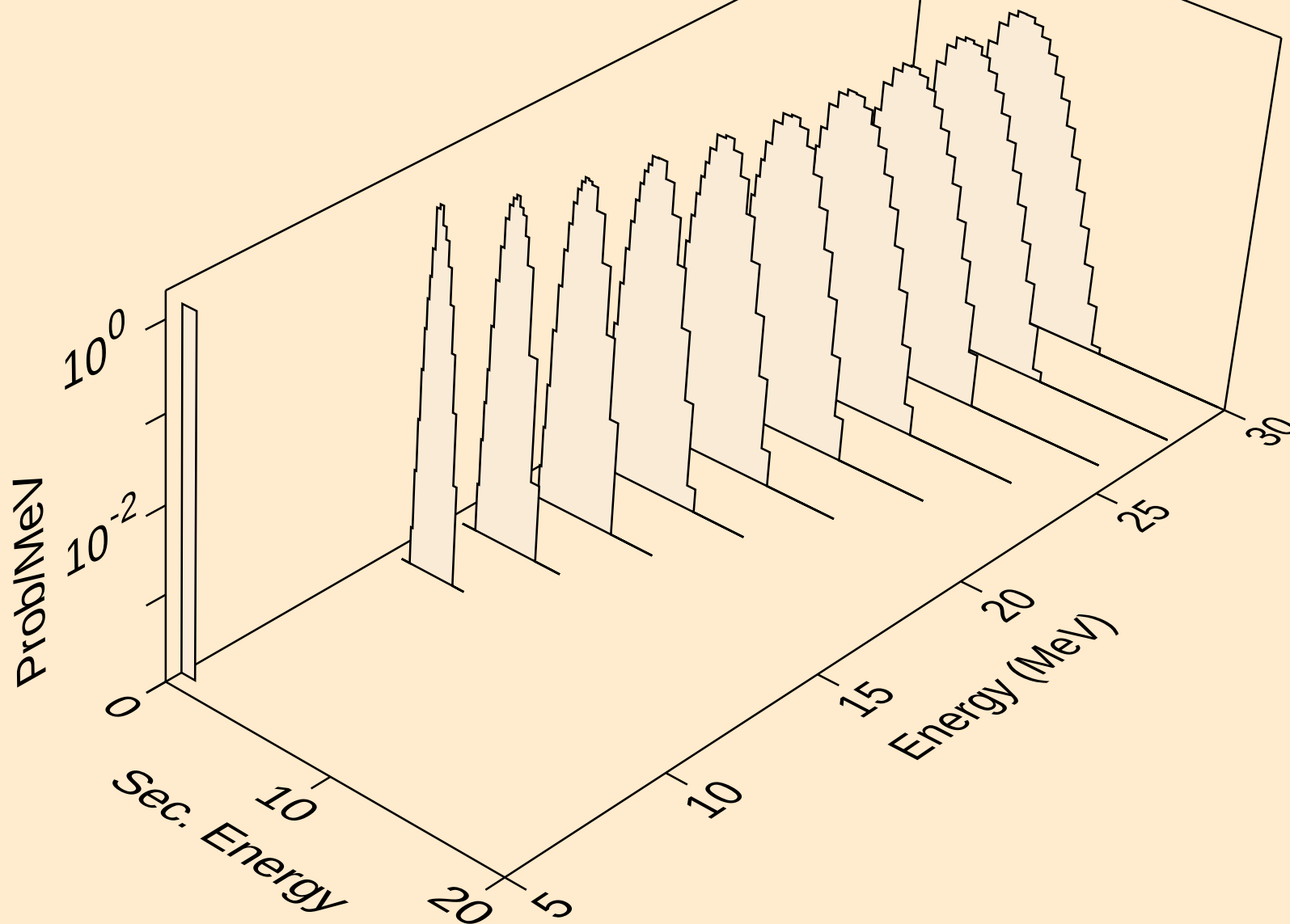
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protons from (n,p)



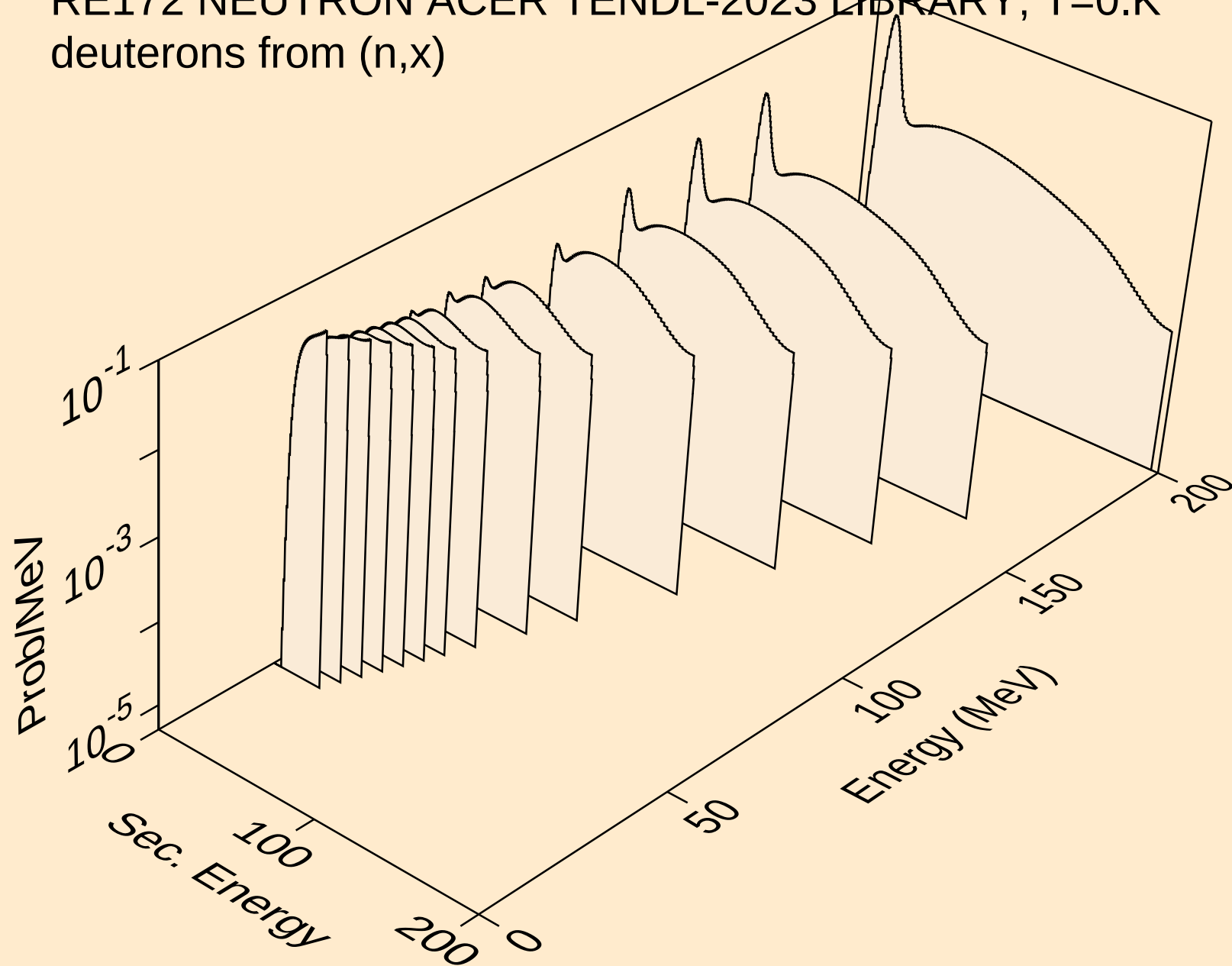
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protons from (n,pd)



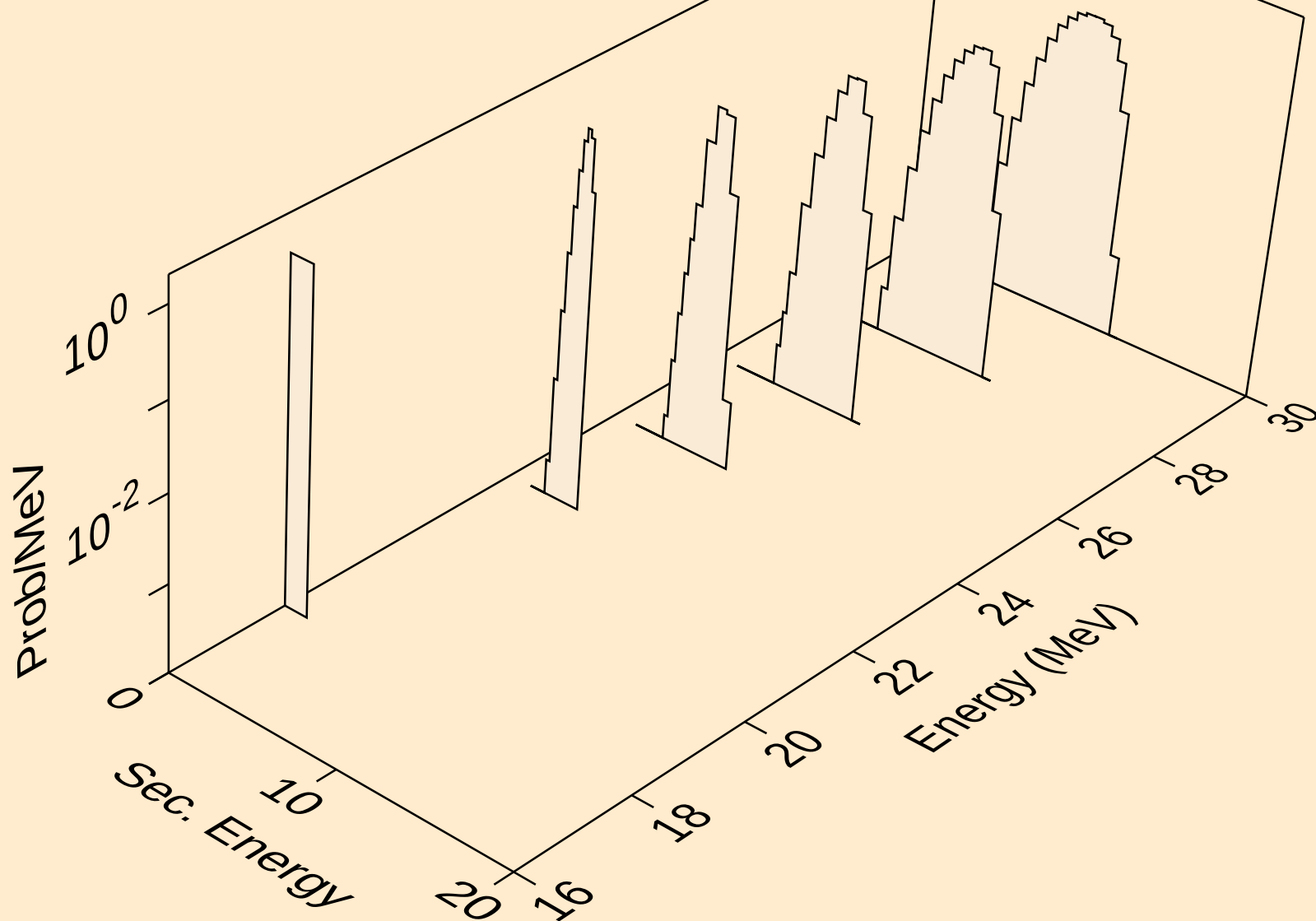
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pt)



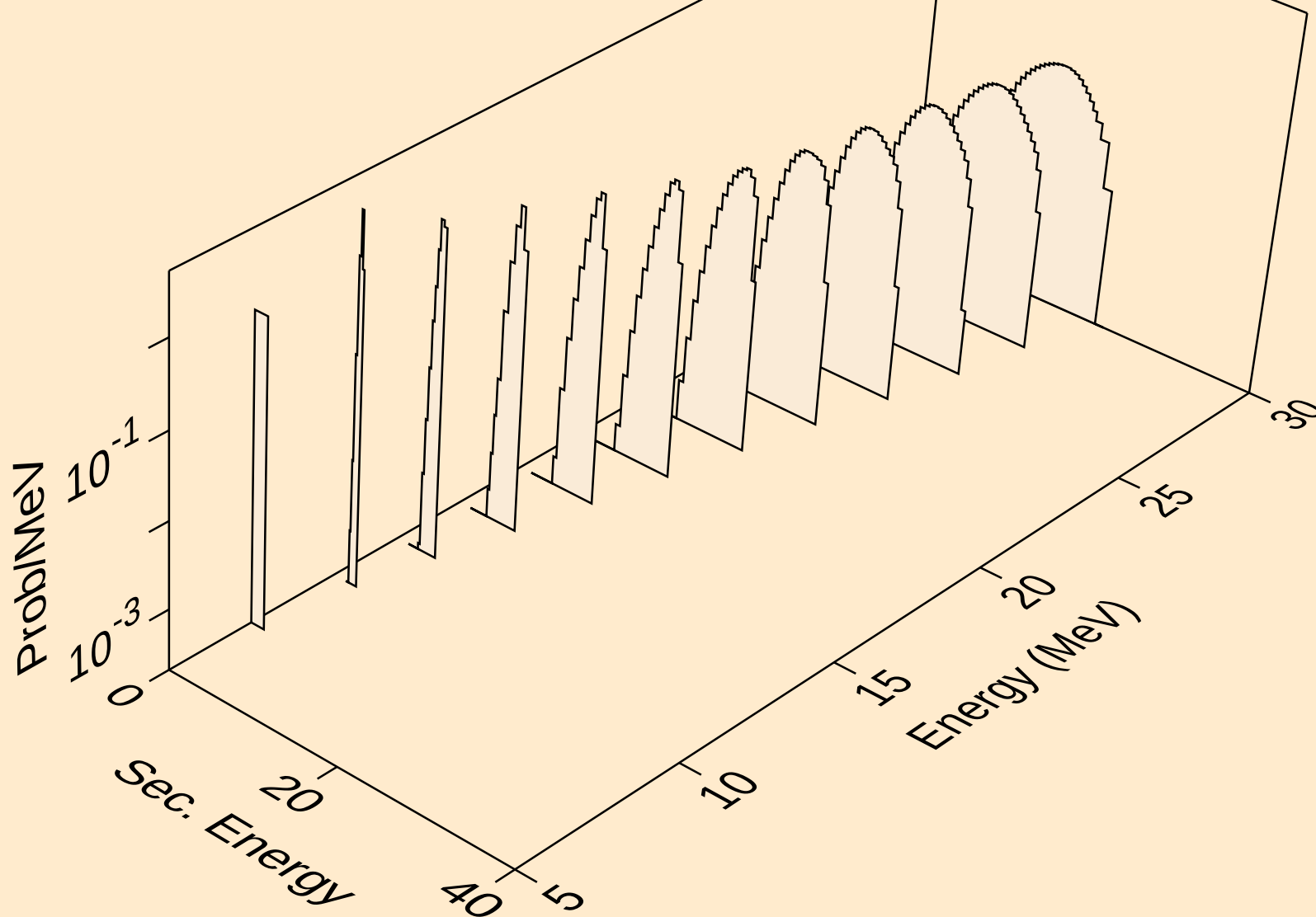
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



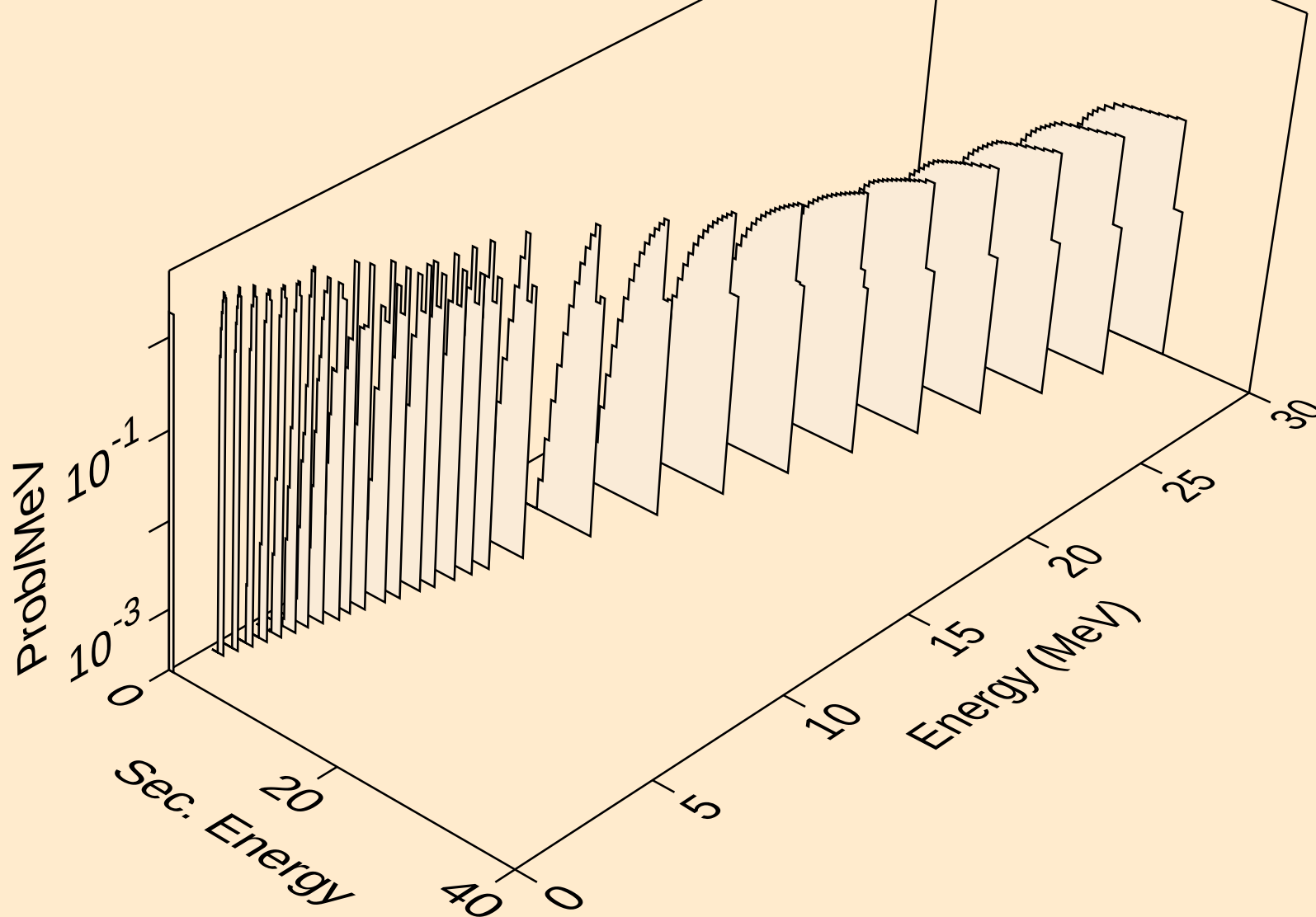
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,2nd)



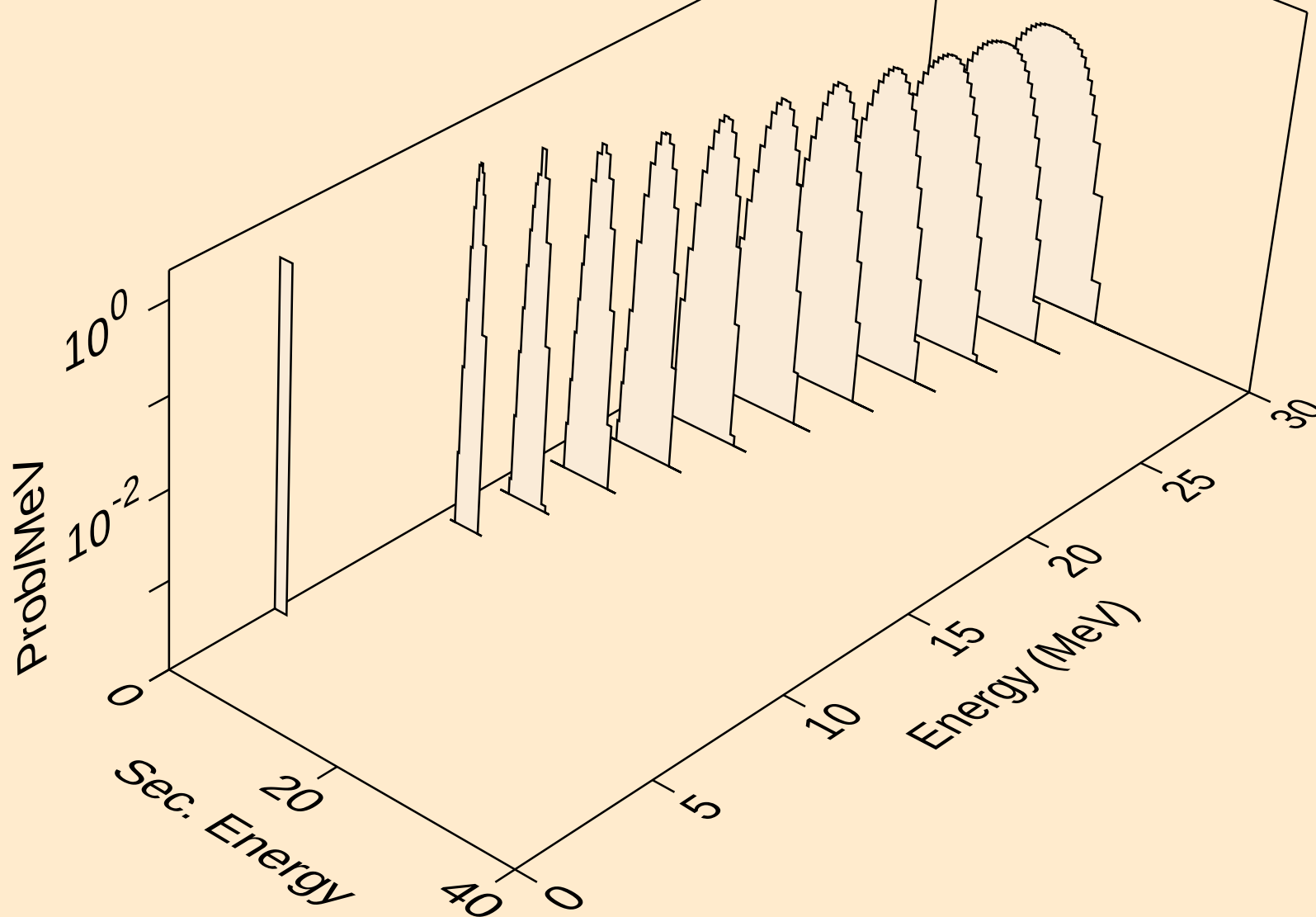
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



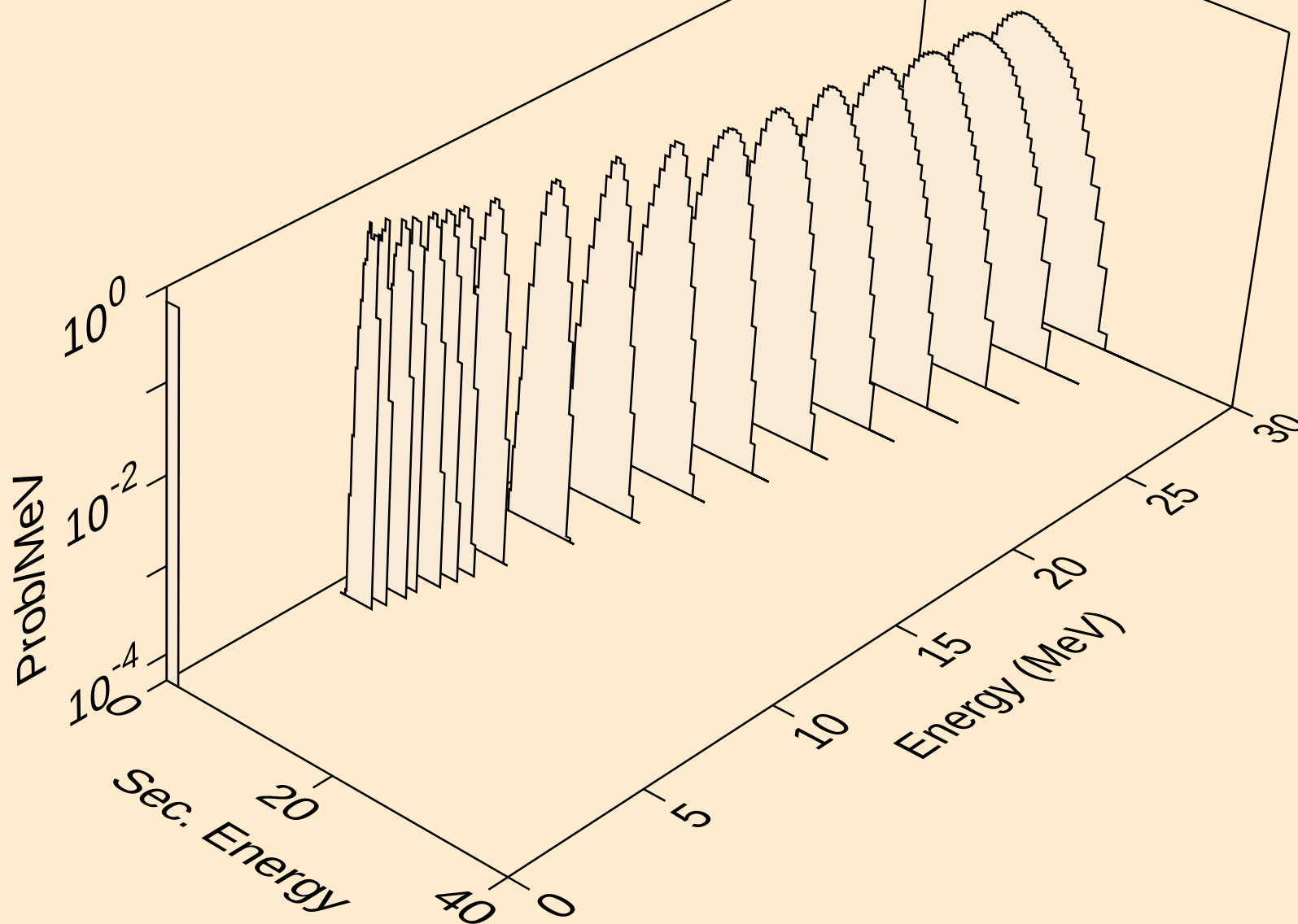
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,d)



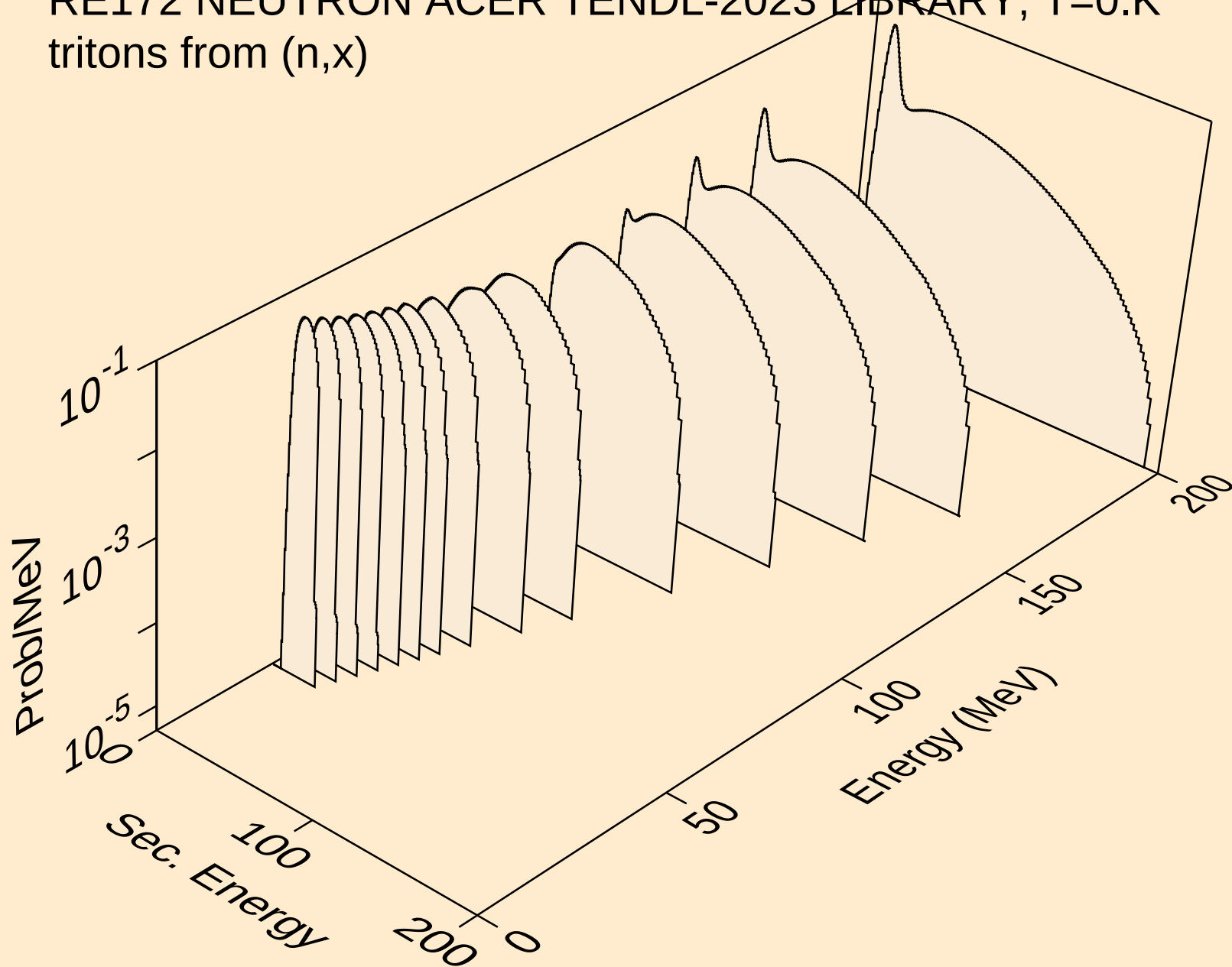
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,pd)



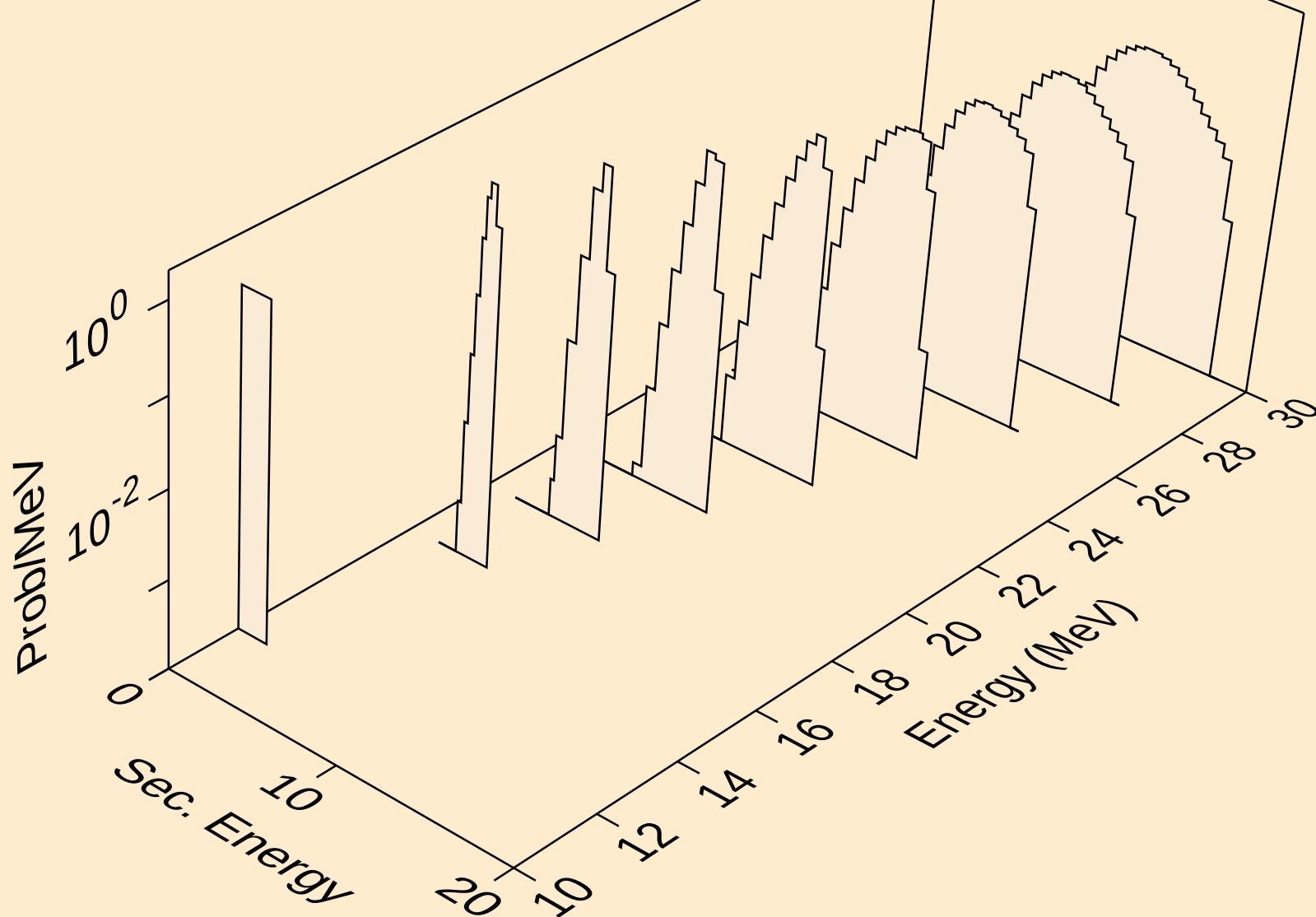
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,da)



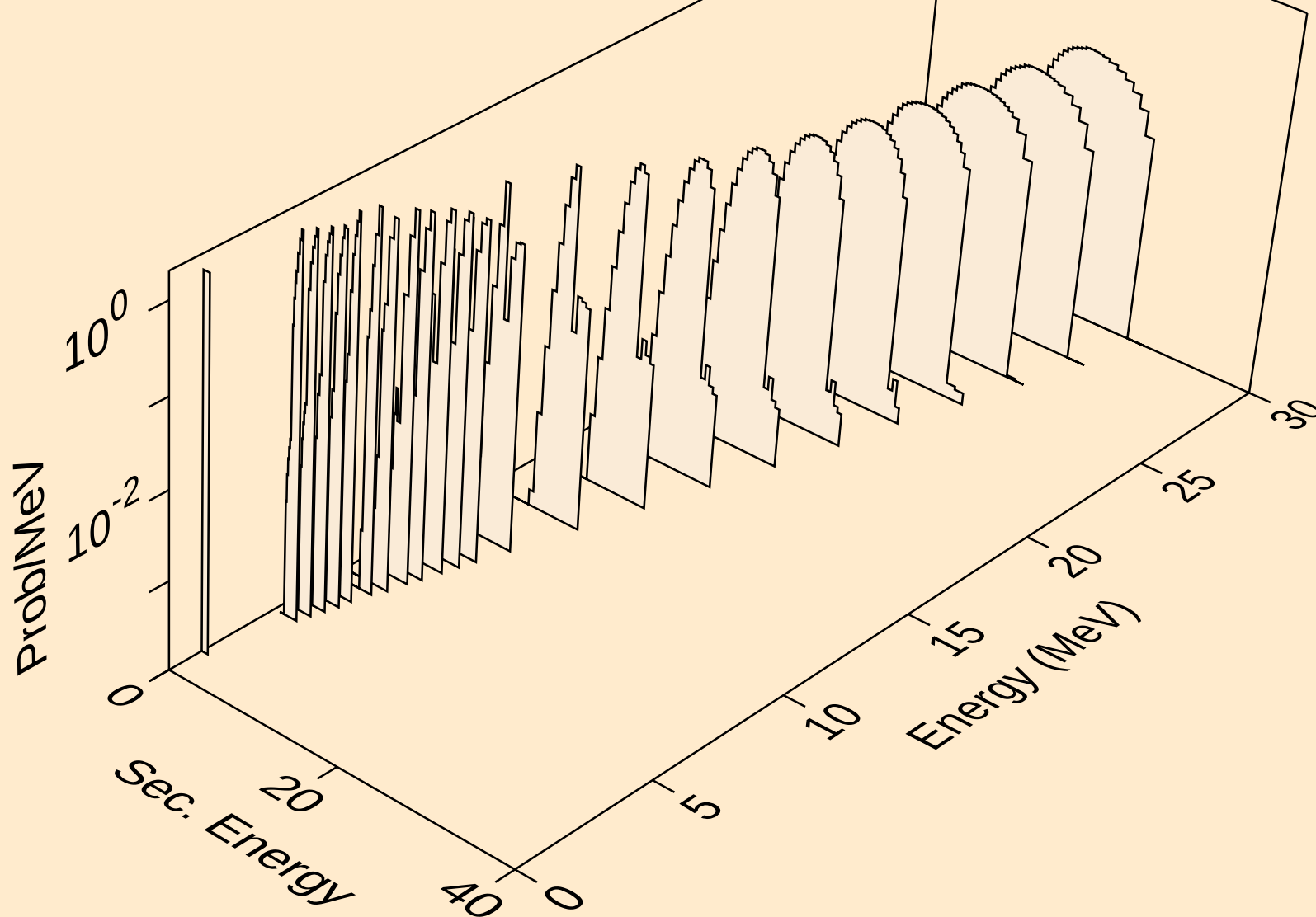
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



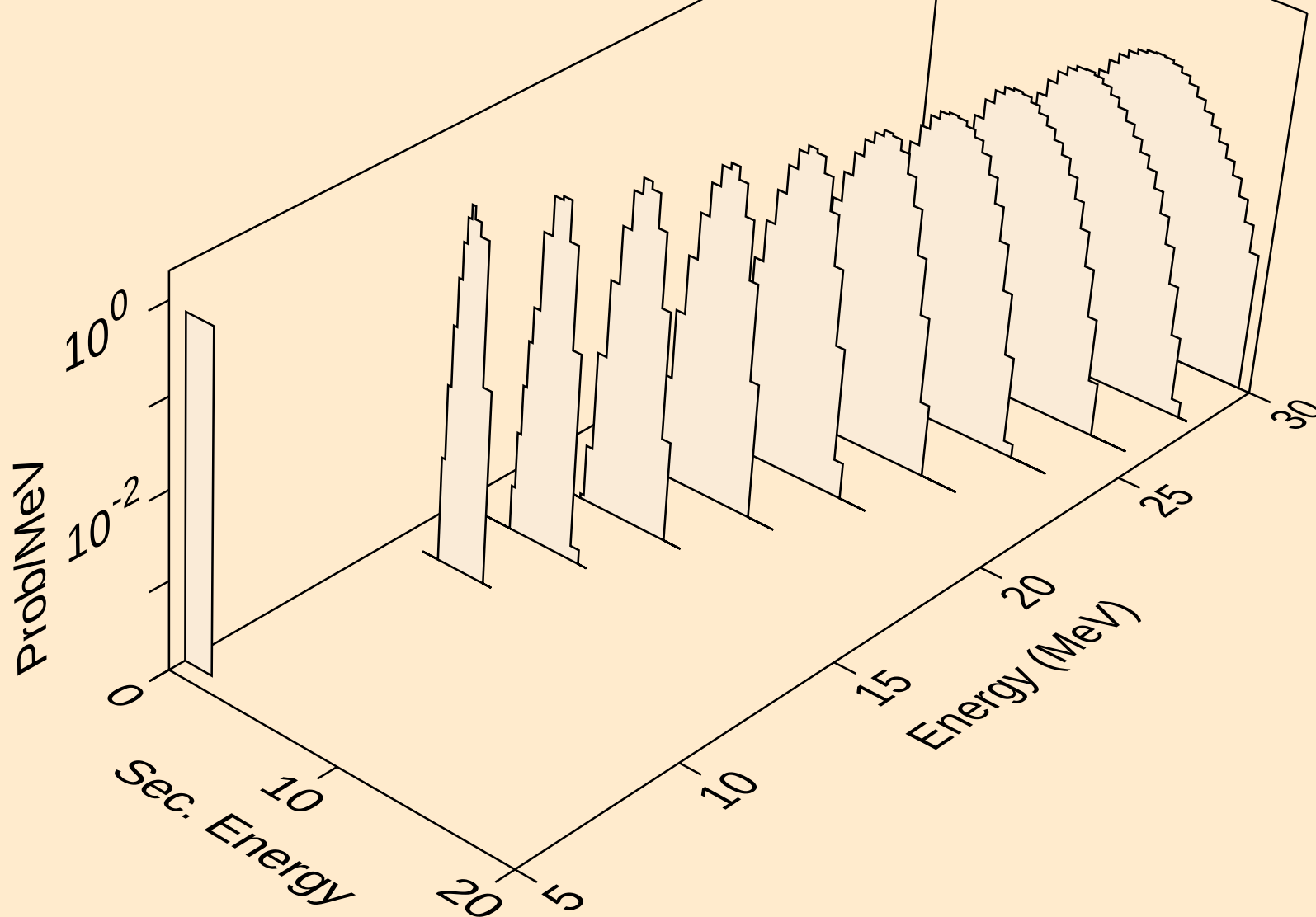
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



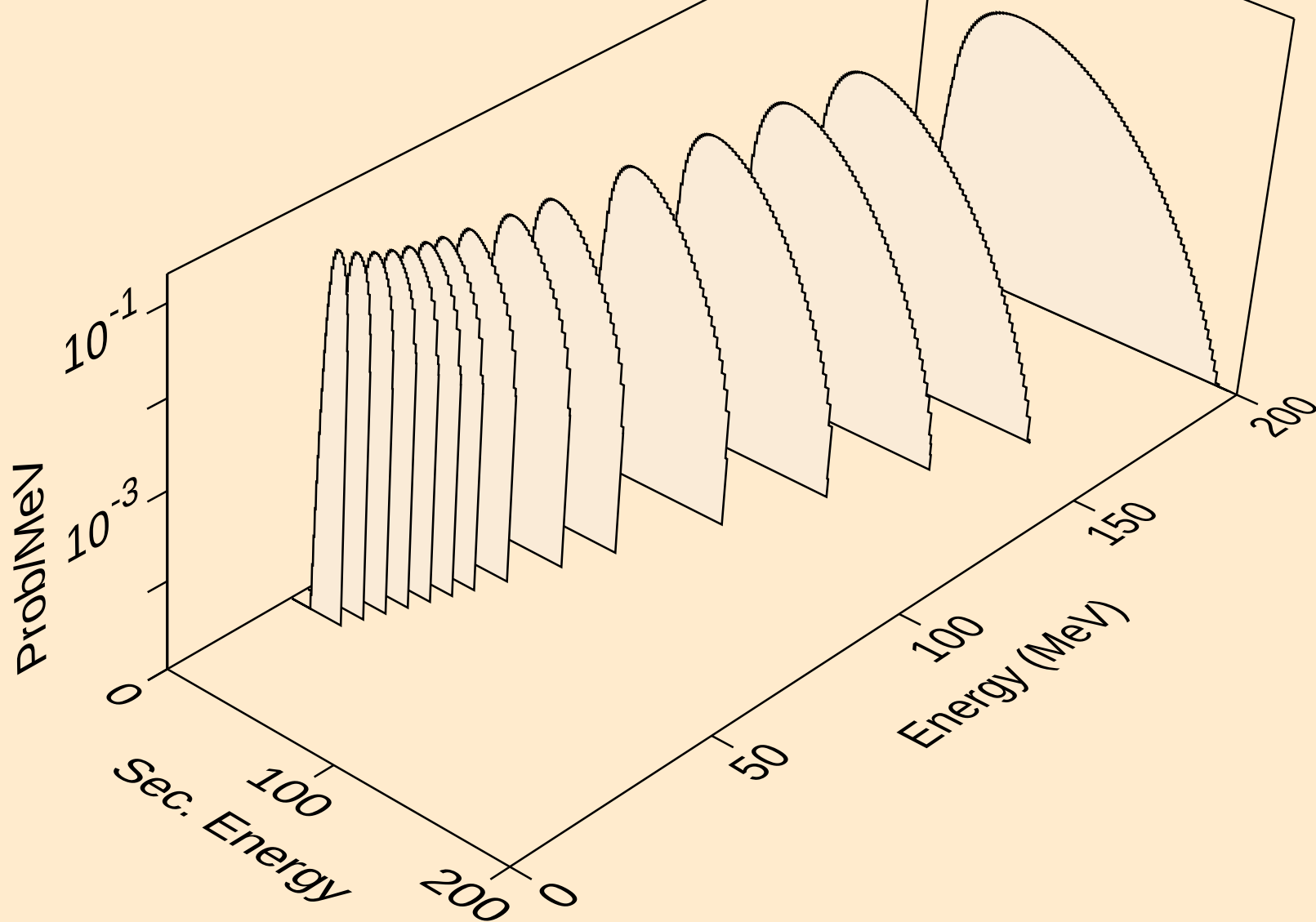
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tritons from (n,t)



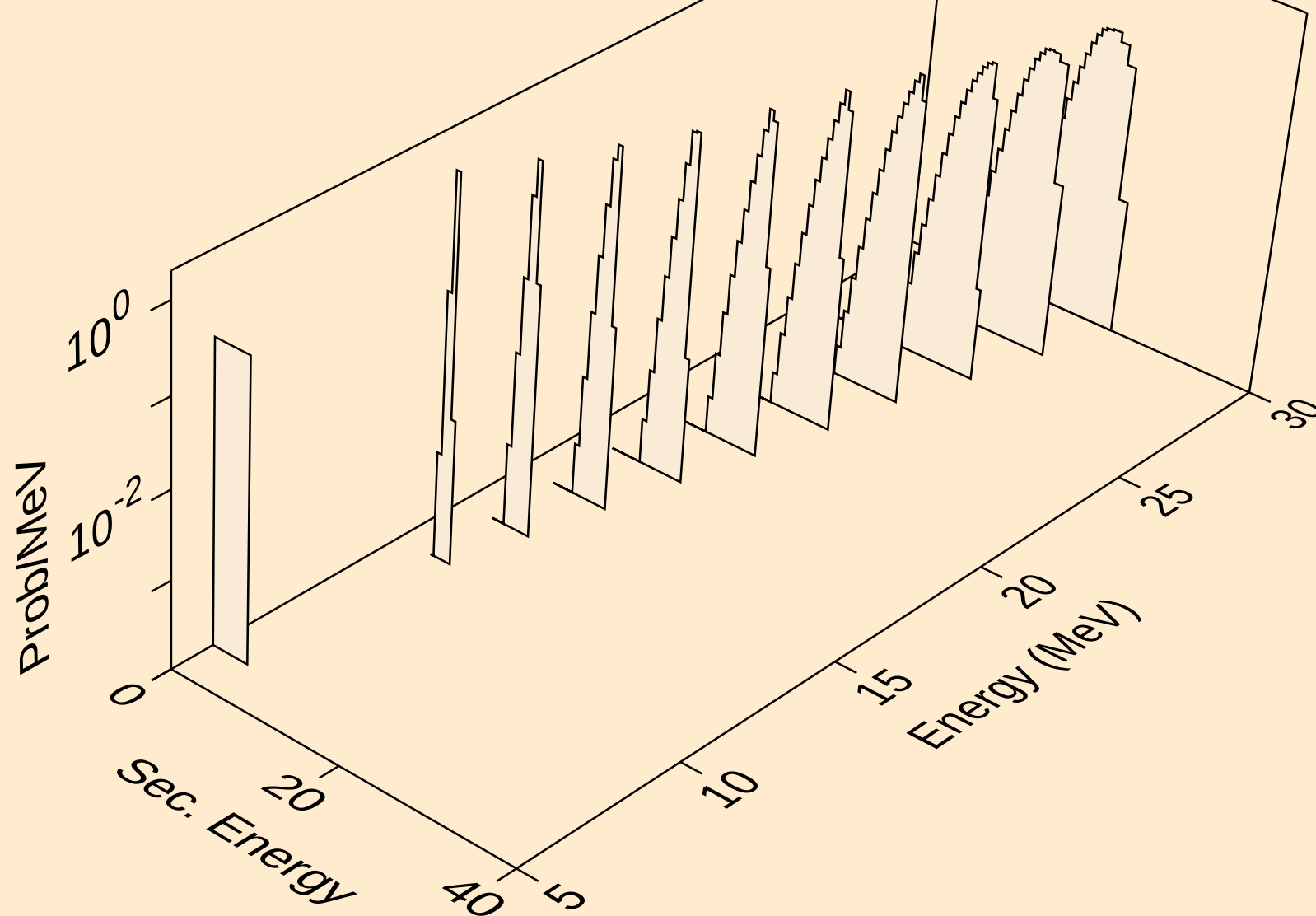
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tritons from (n,pt)



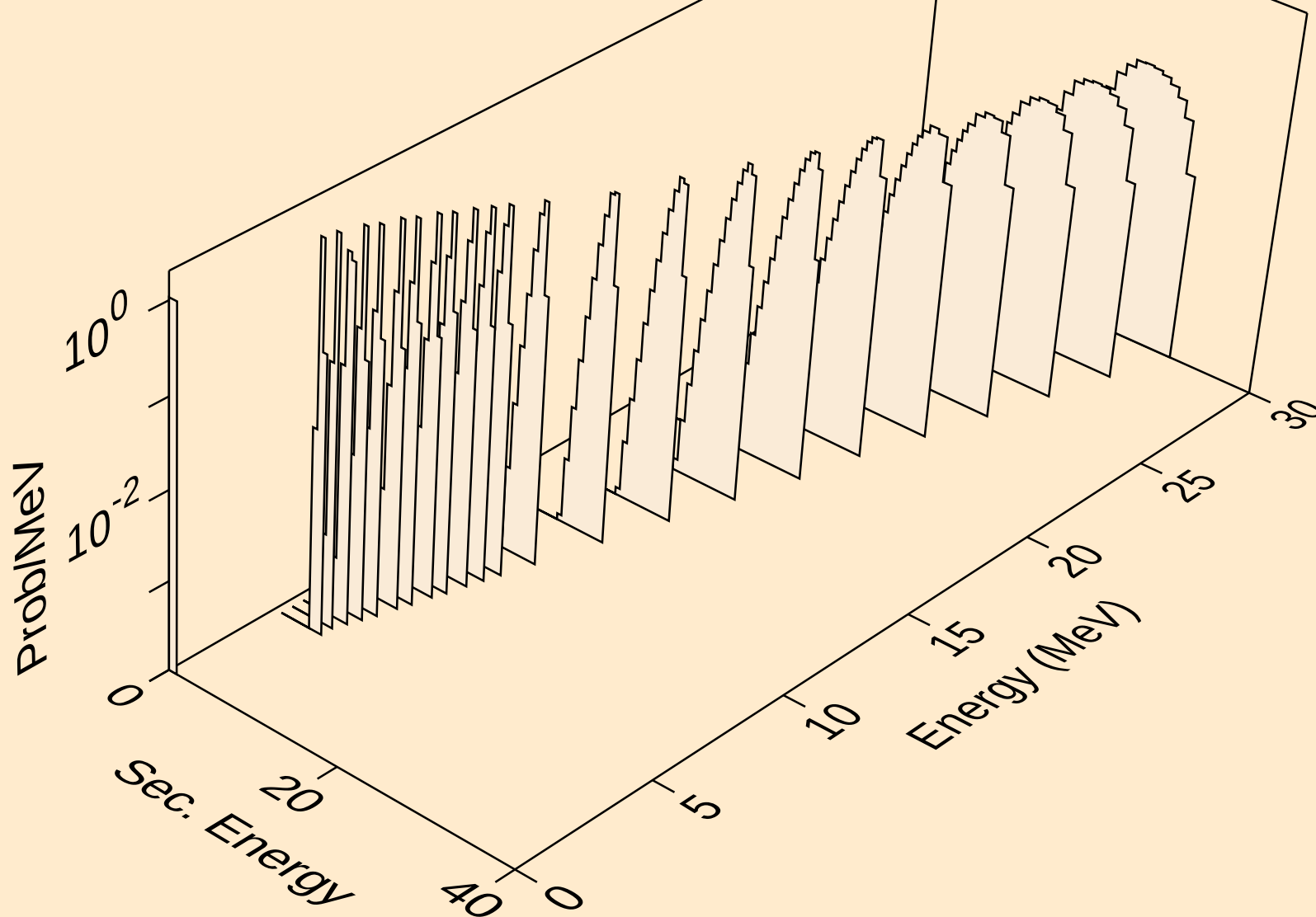
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



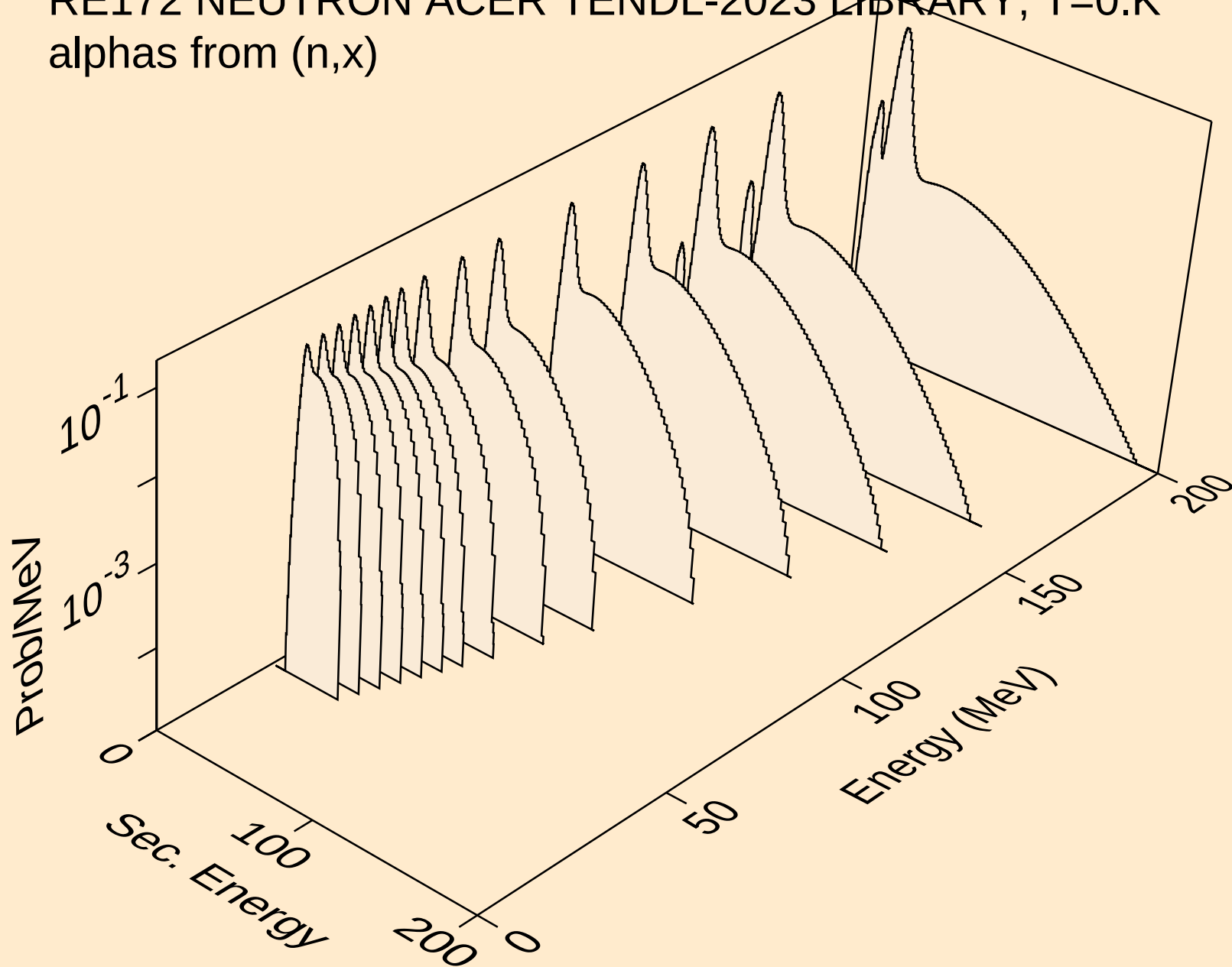
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he3s from (n,n*)he3



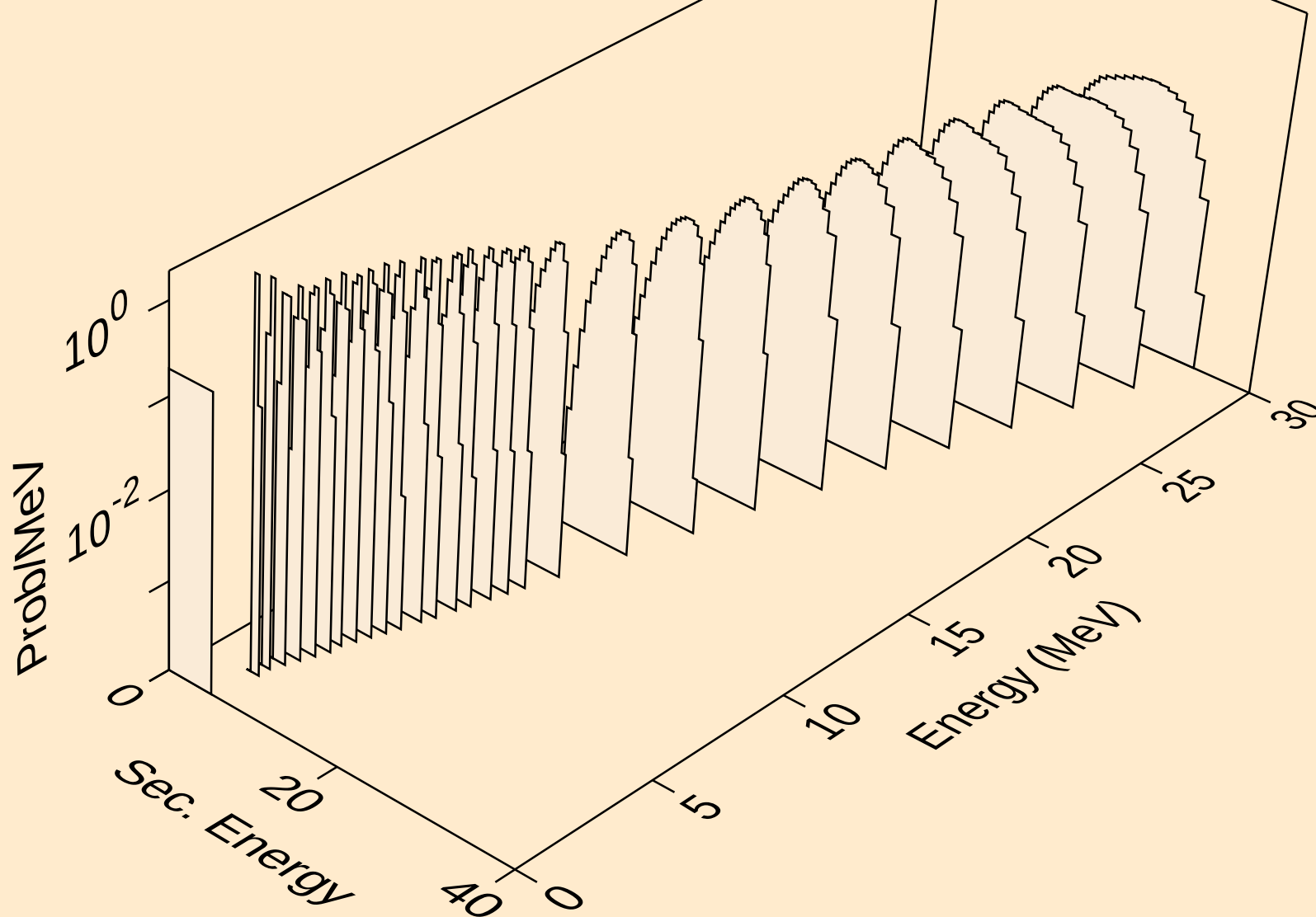
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he3s from (n,he3)



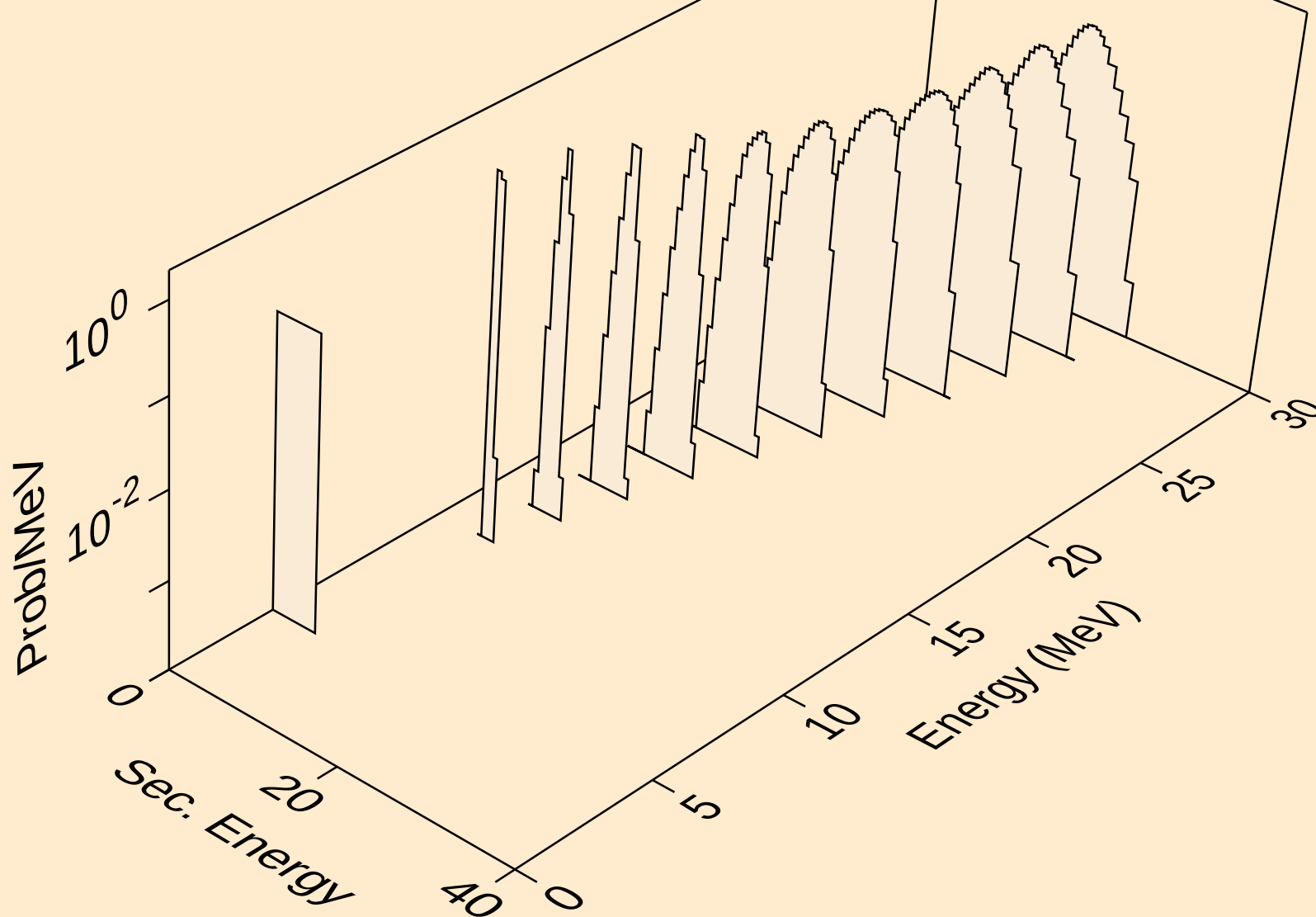
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



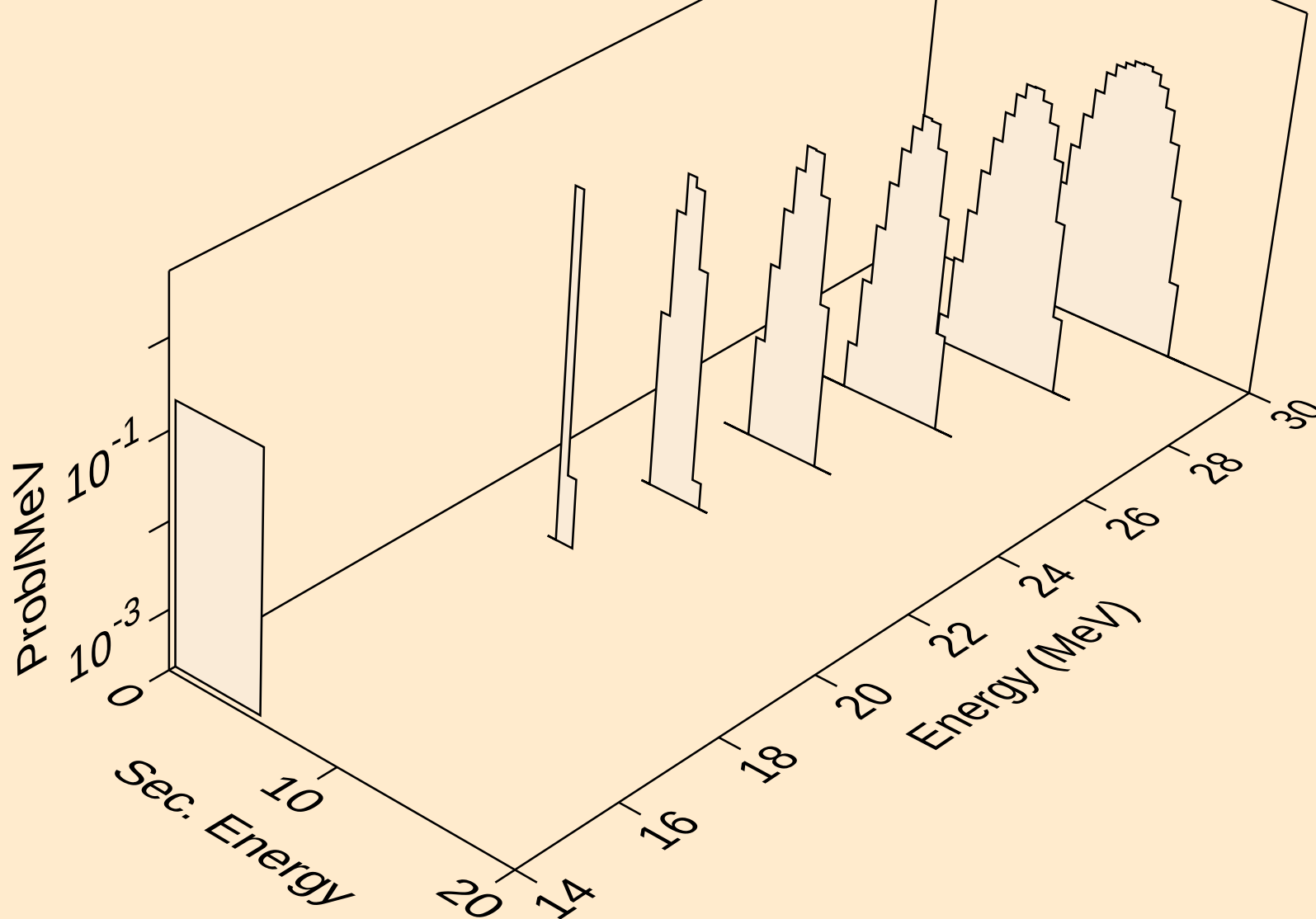
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



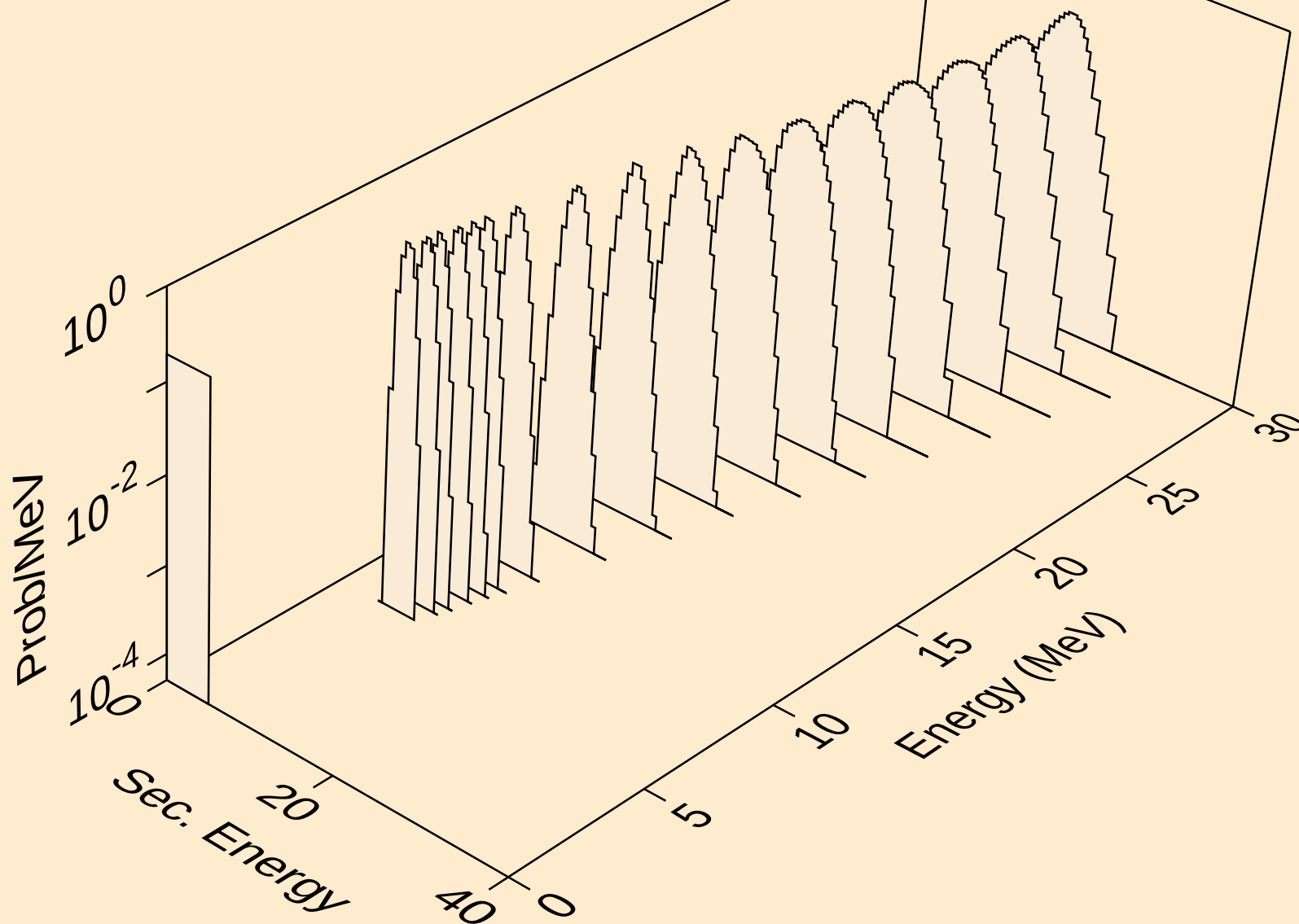
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



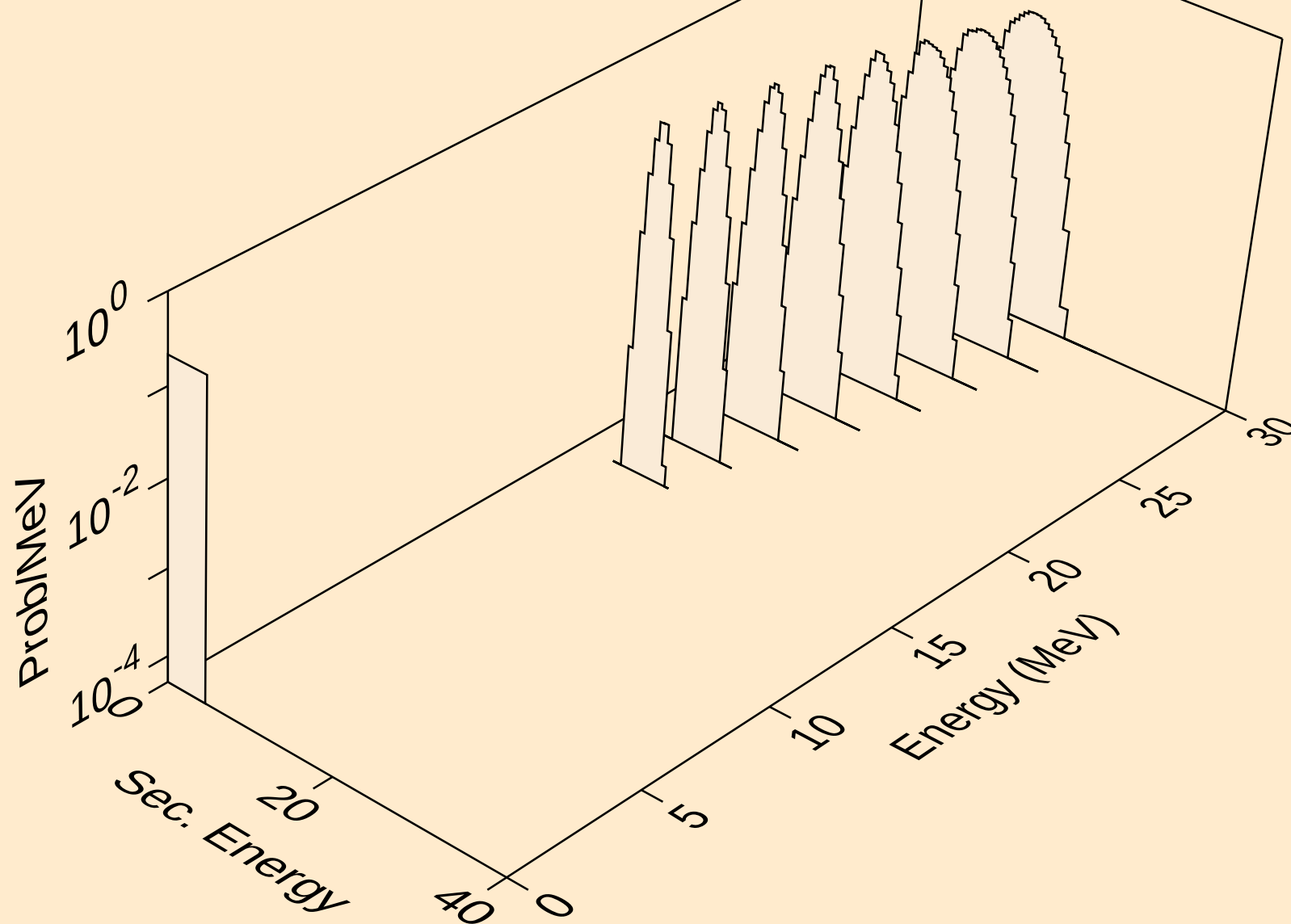
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



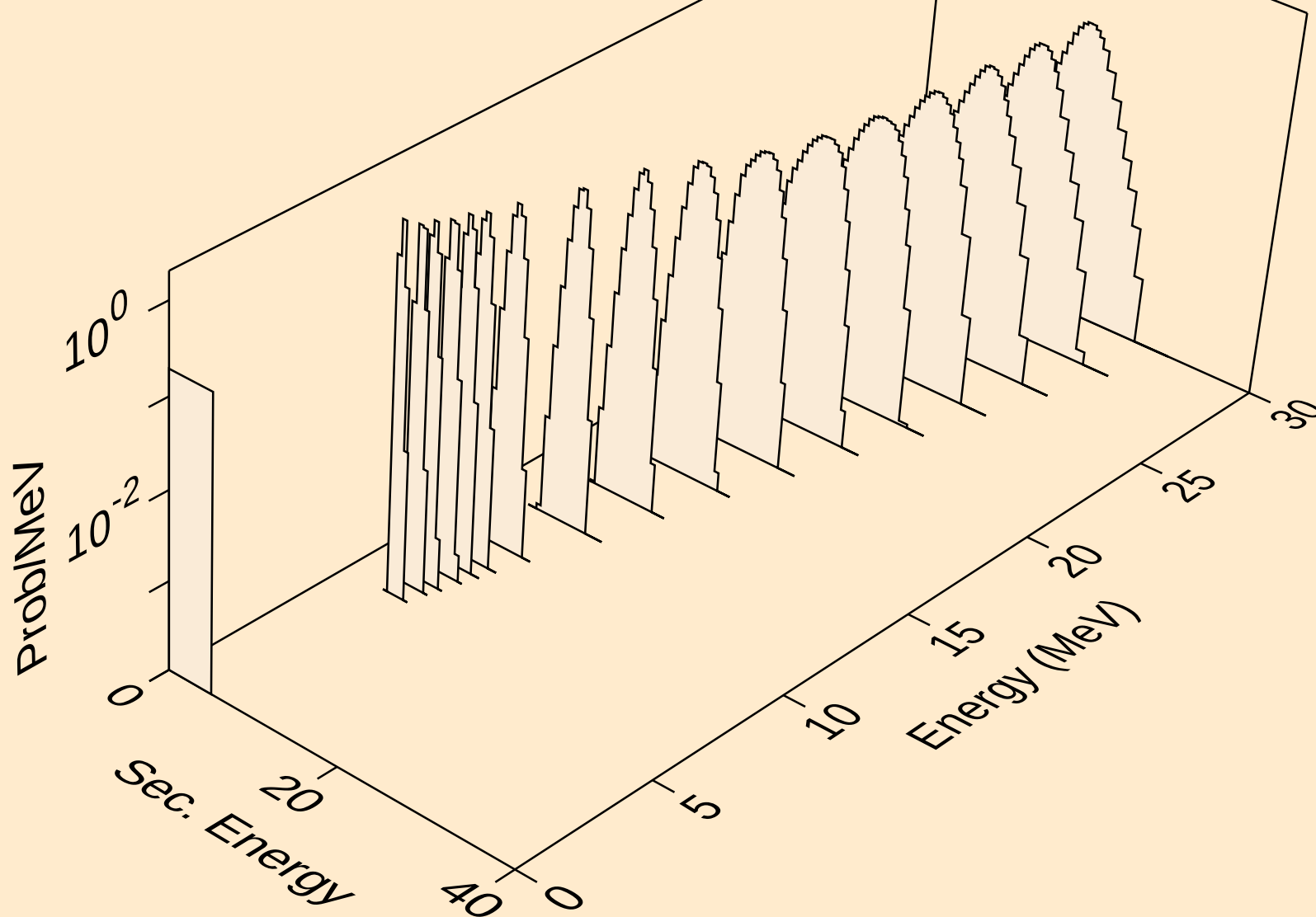
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)2a



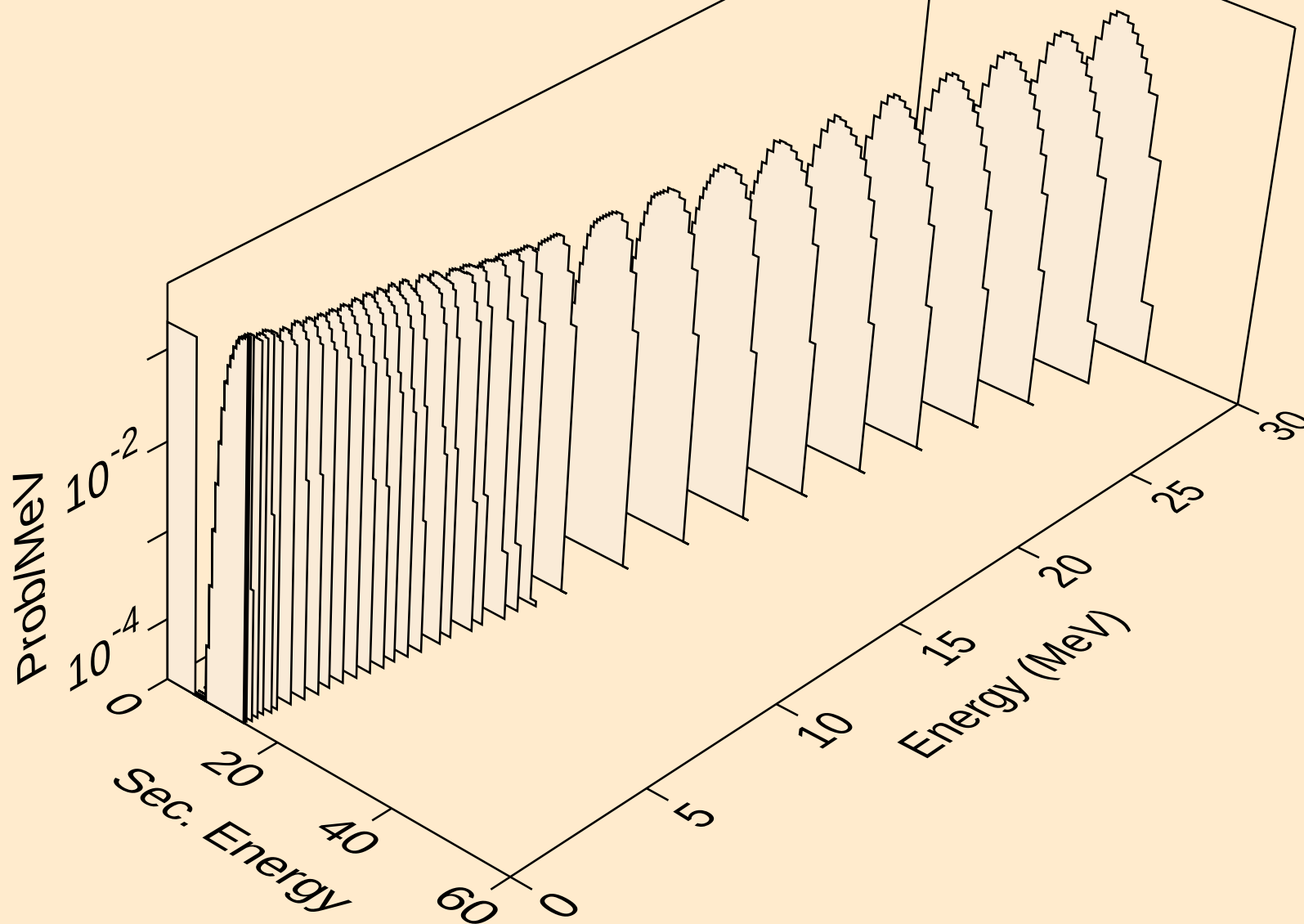
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)2a



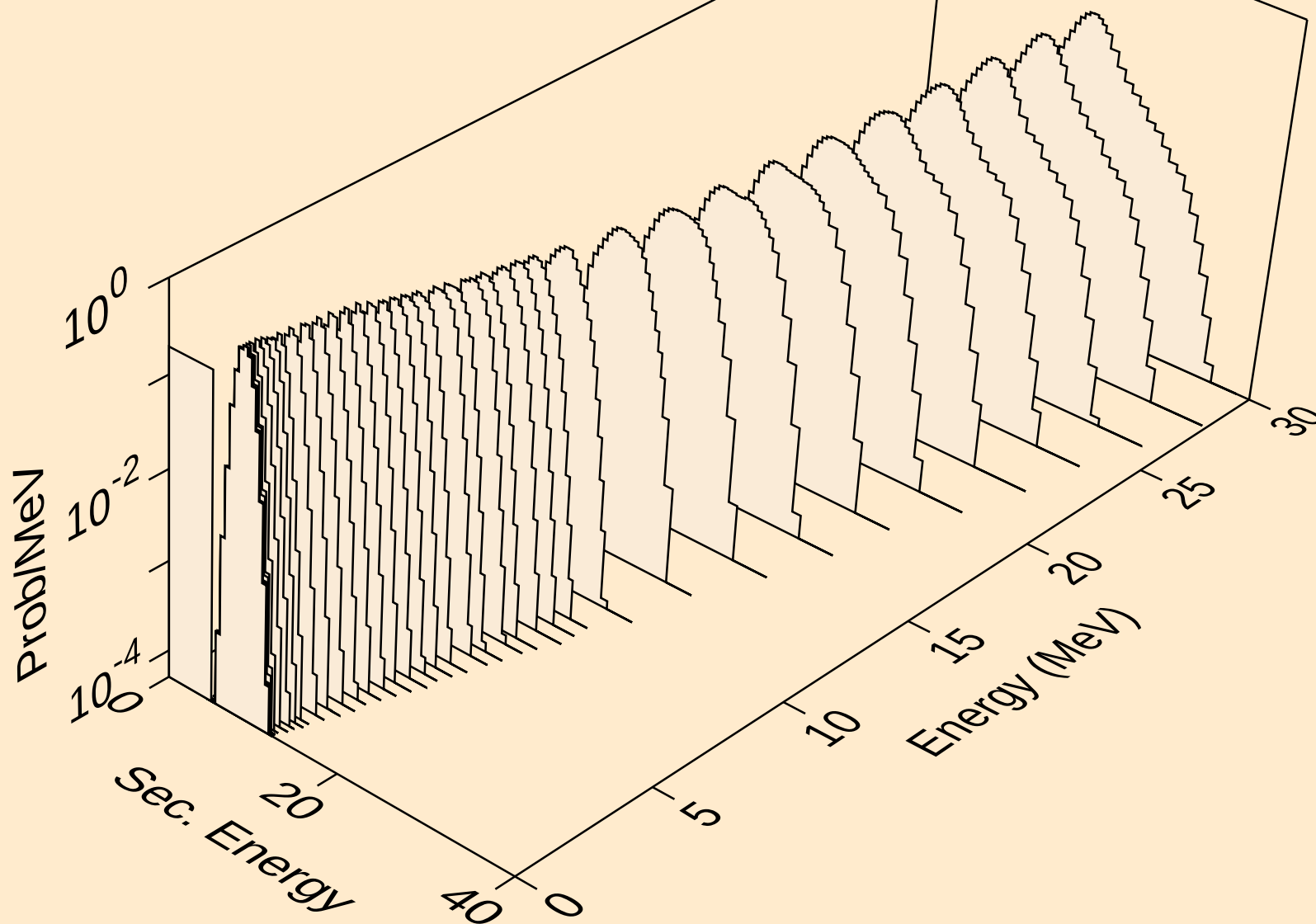
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,npa)



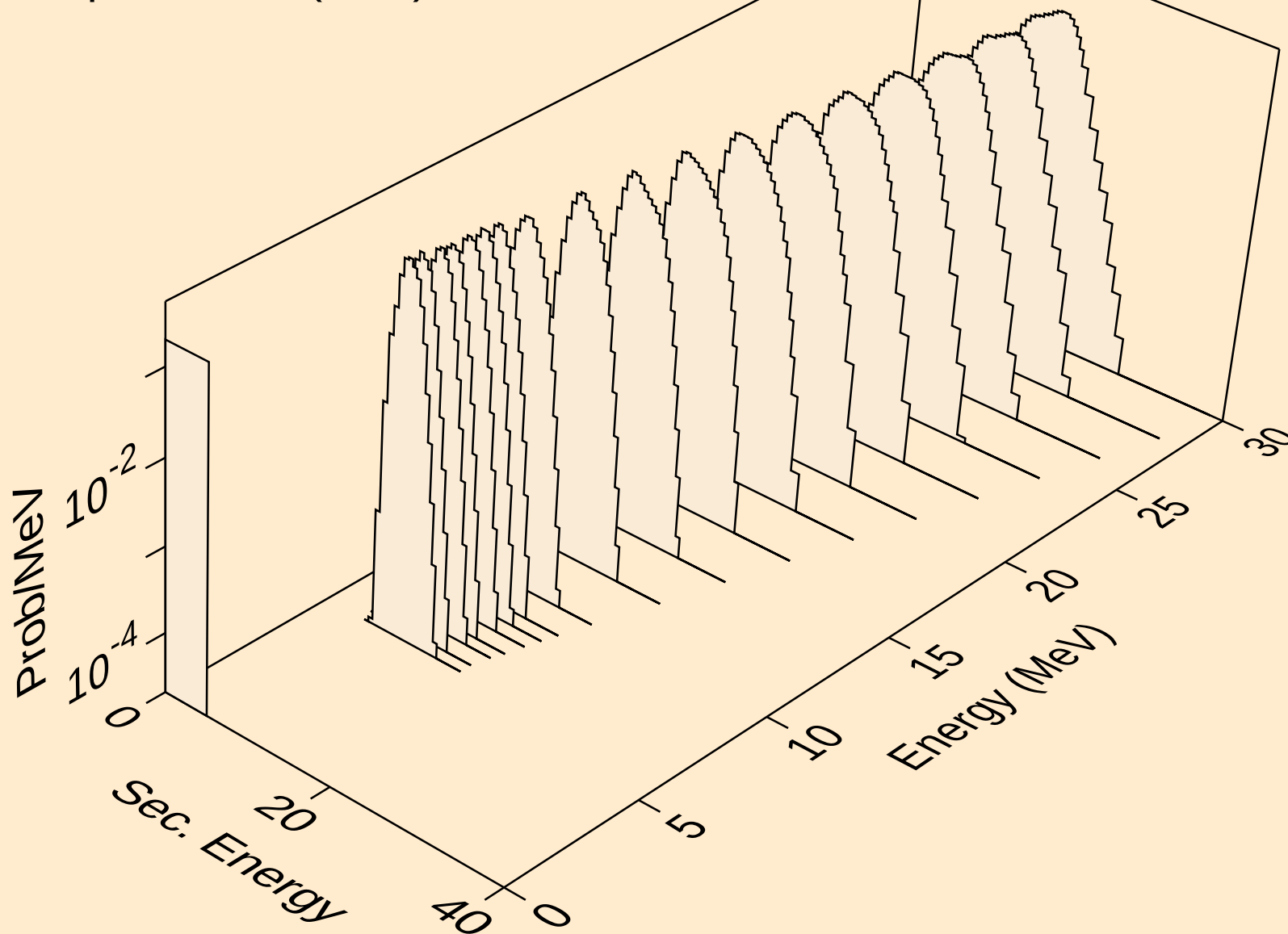
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



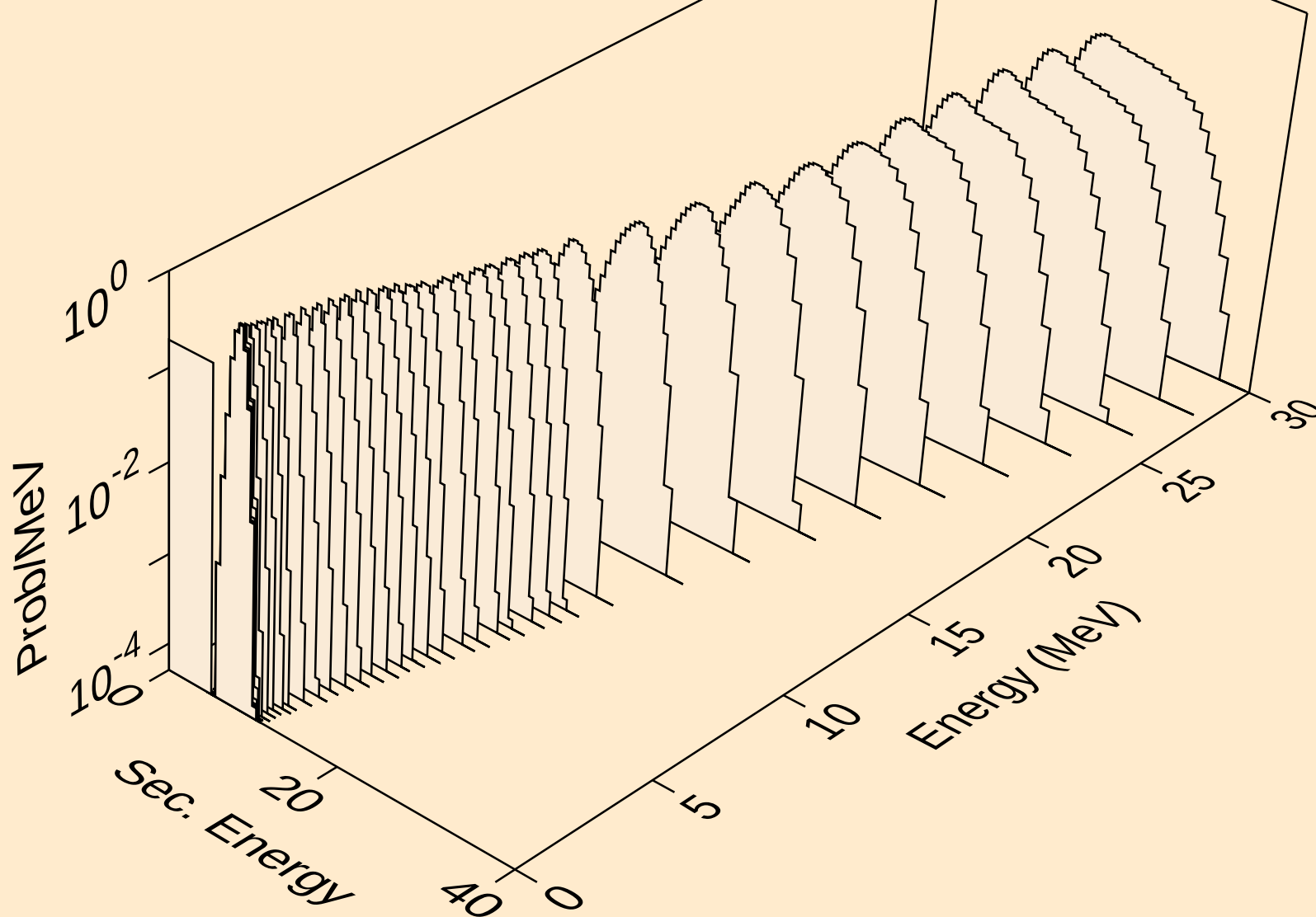
RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3a)



RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)



RE172 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

