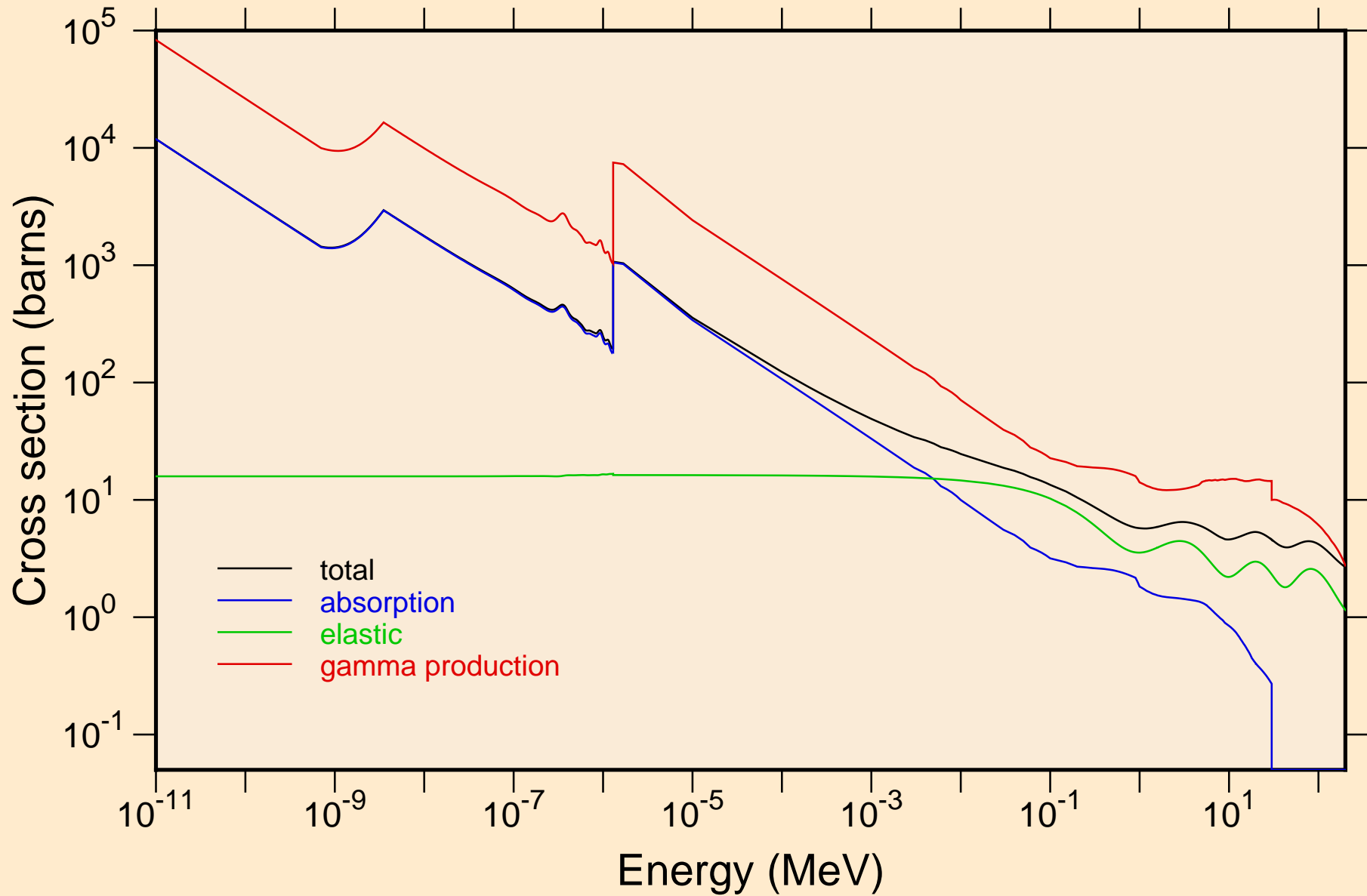


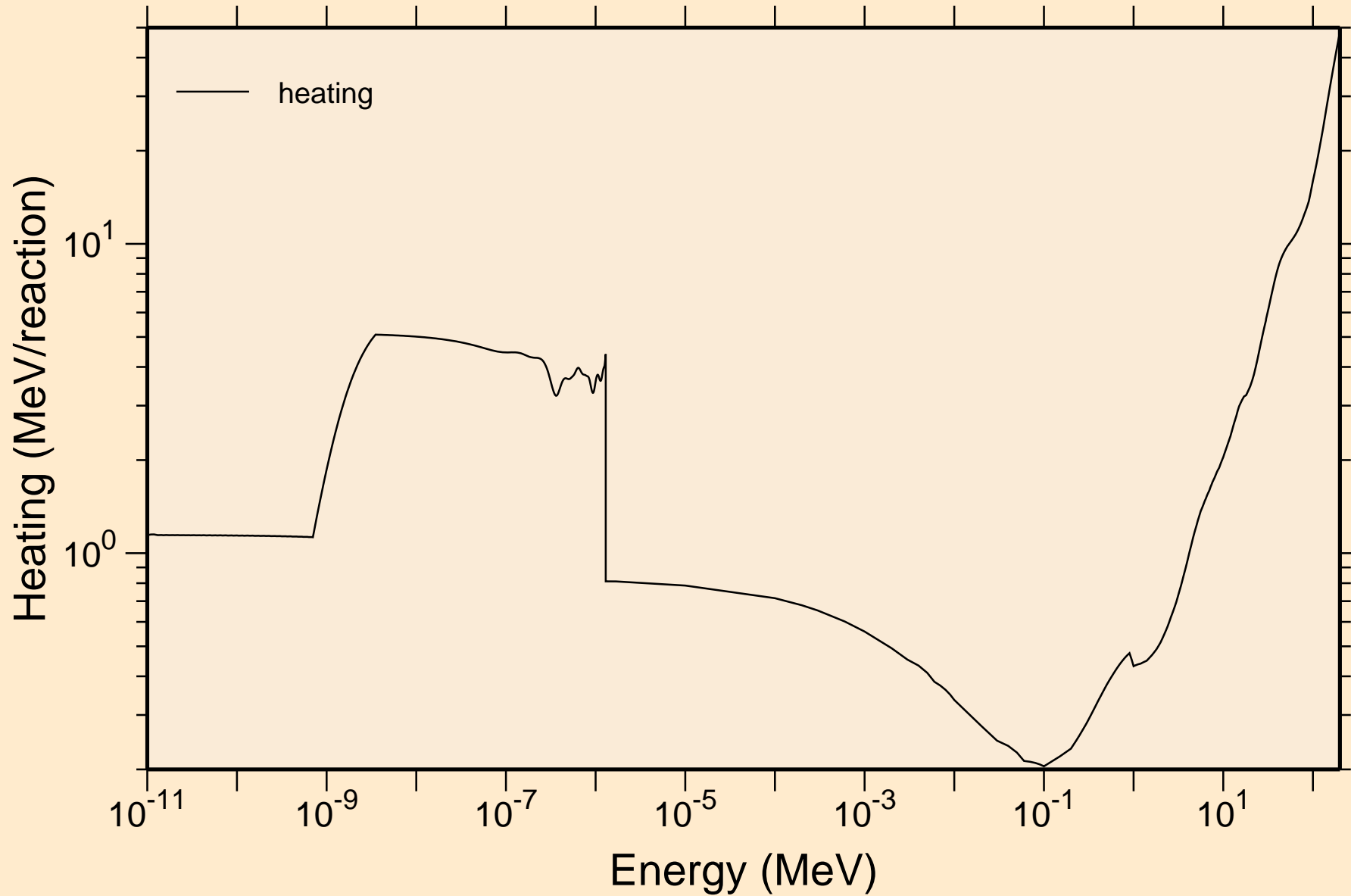
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections

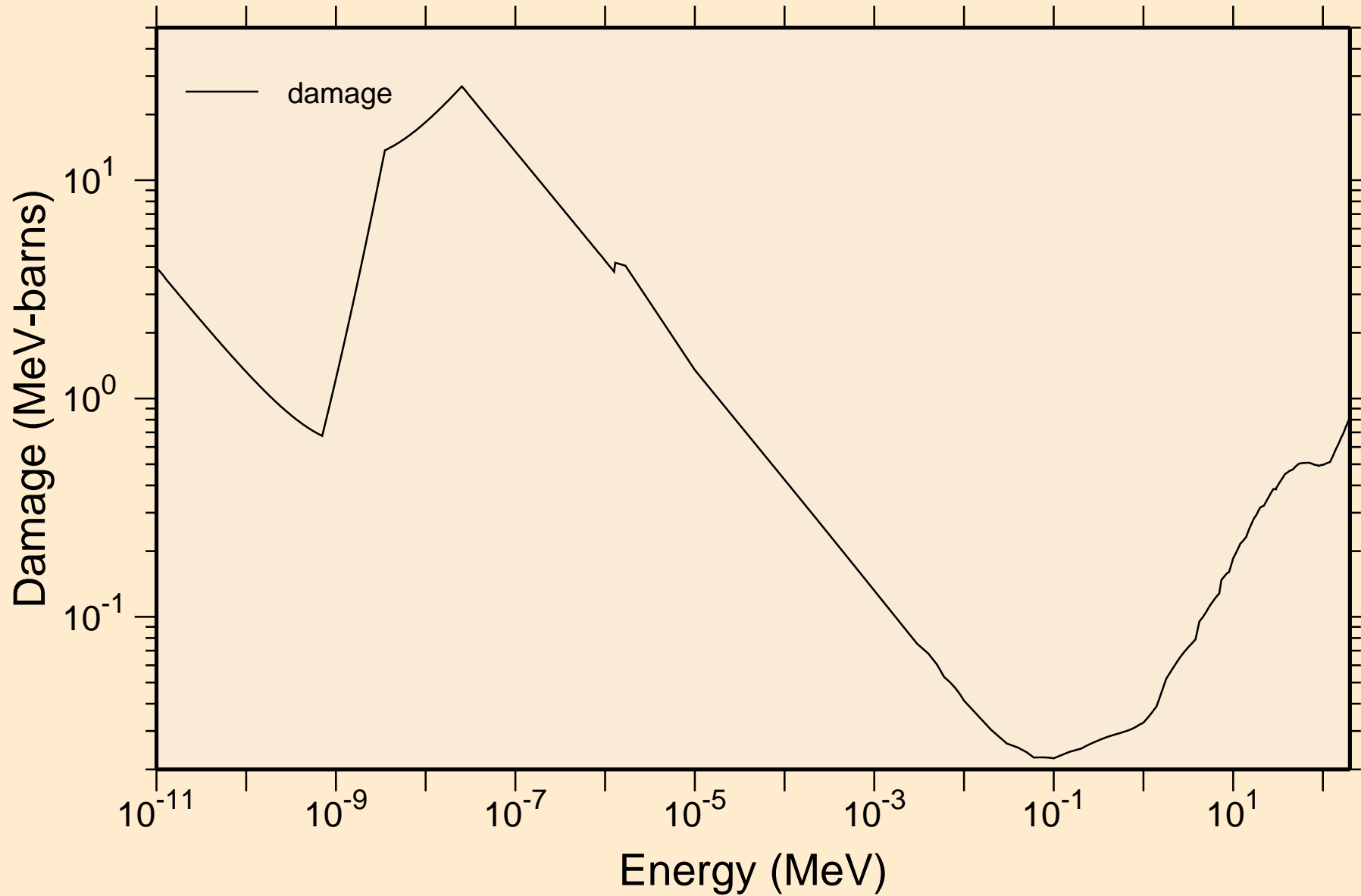


IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

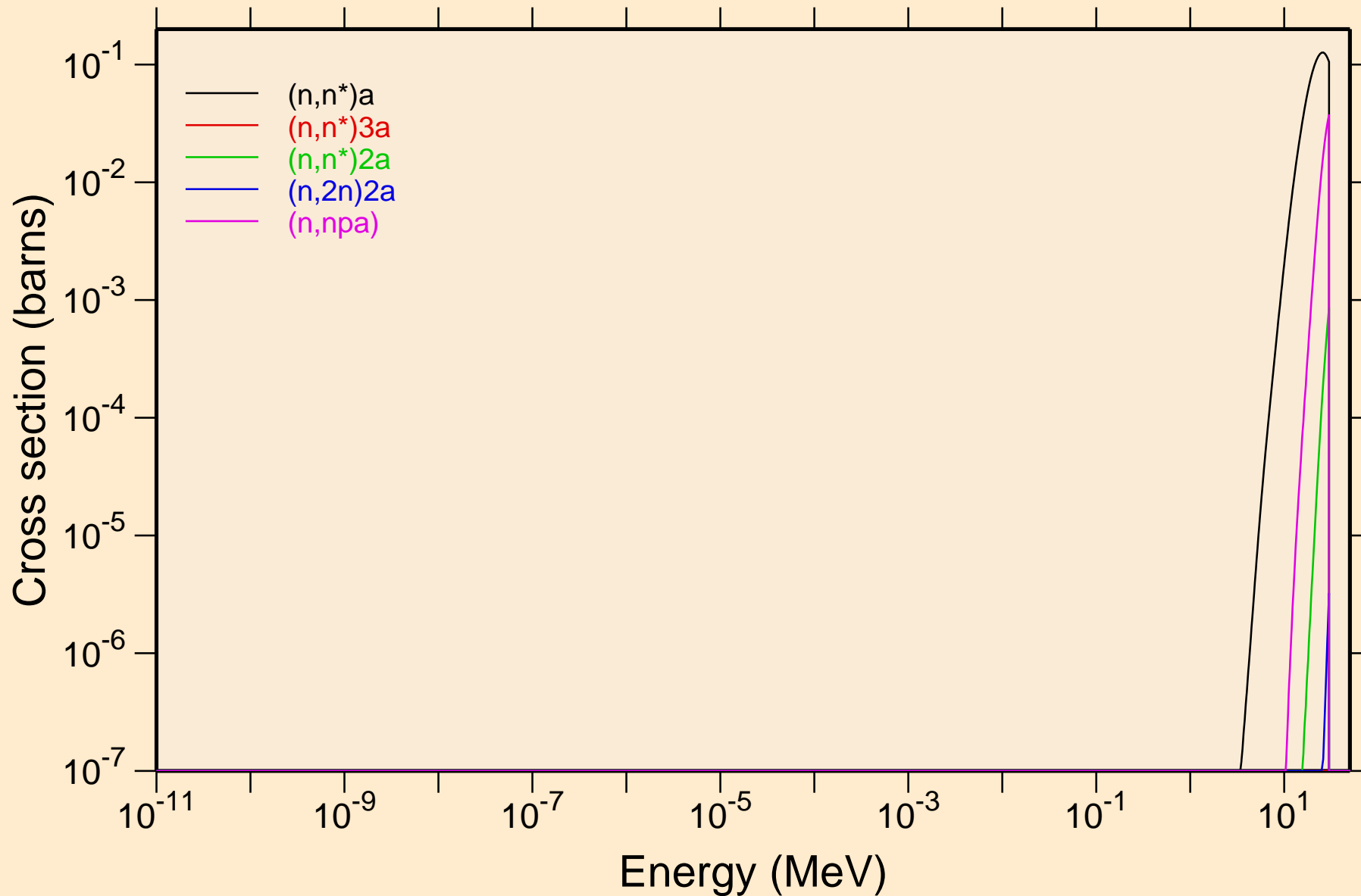


IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Damage



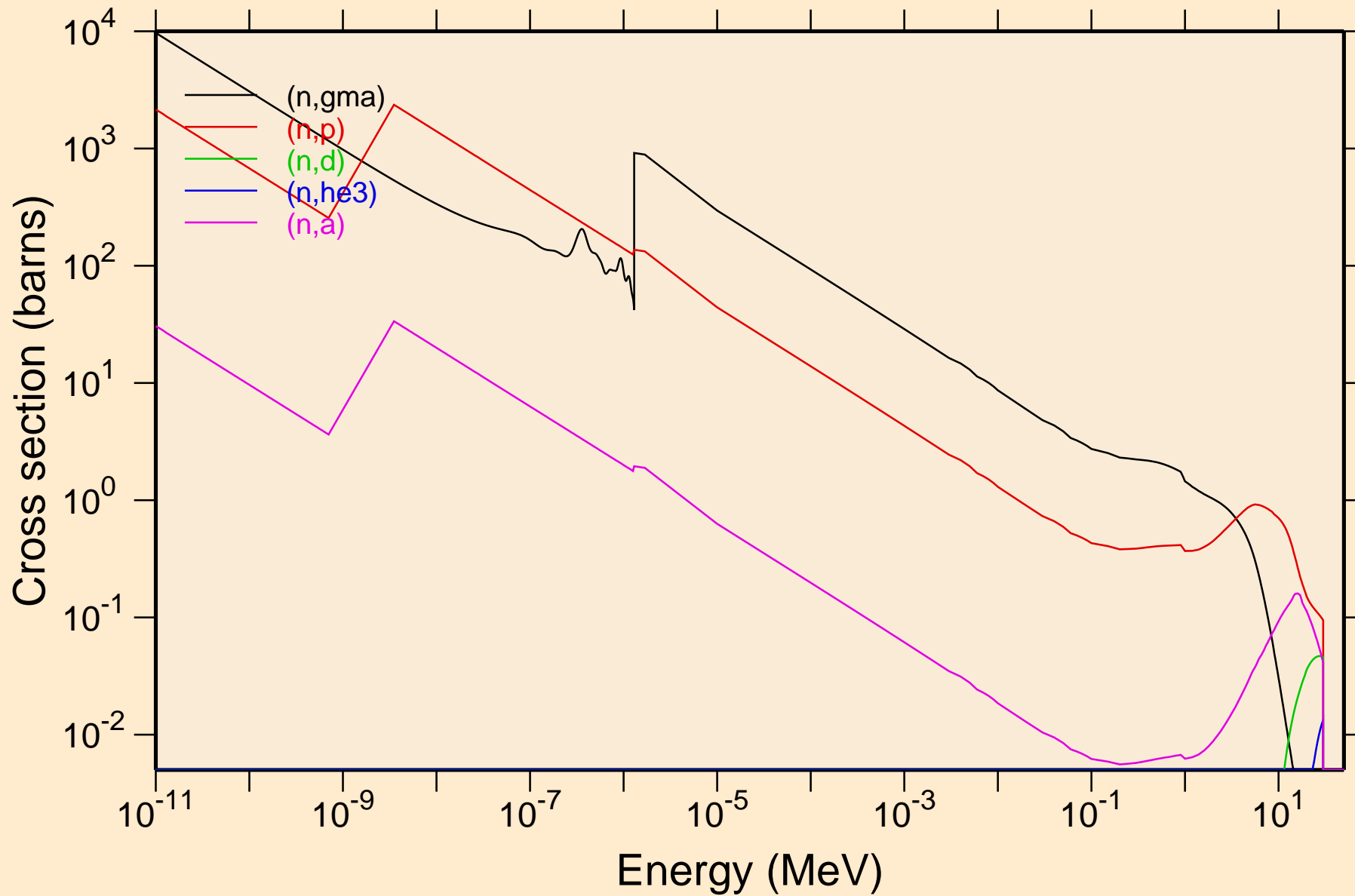
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions

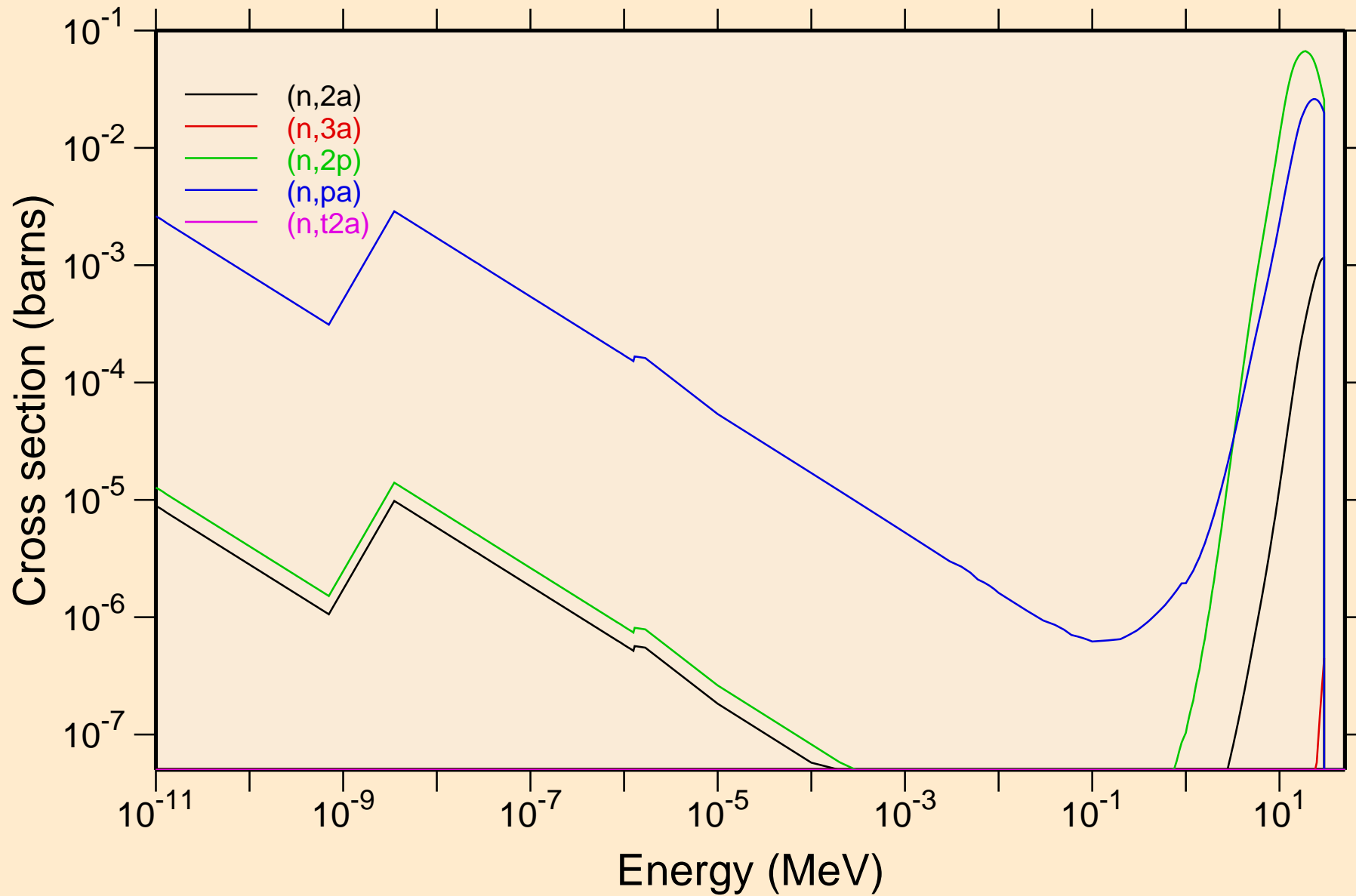


IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

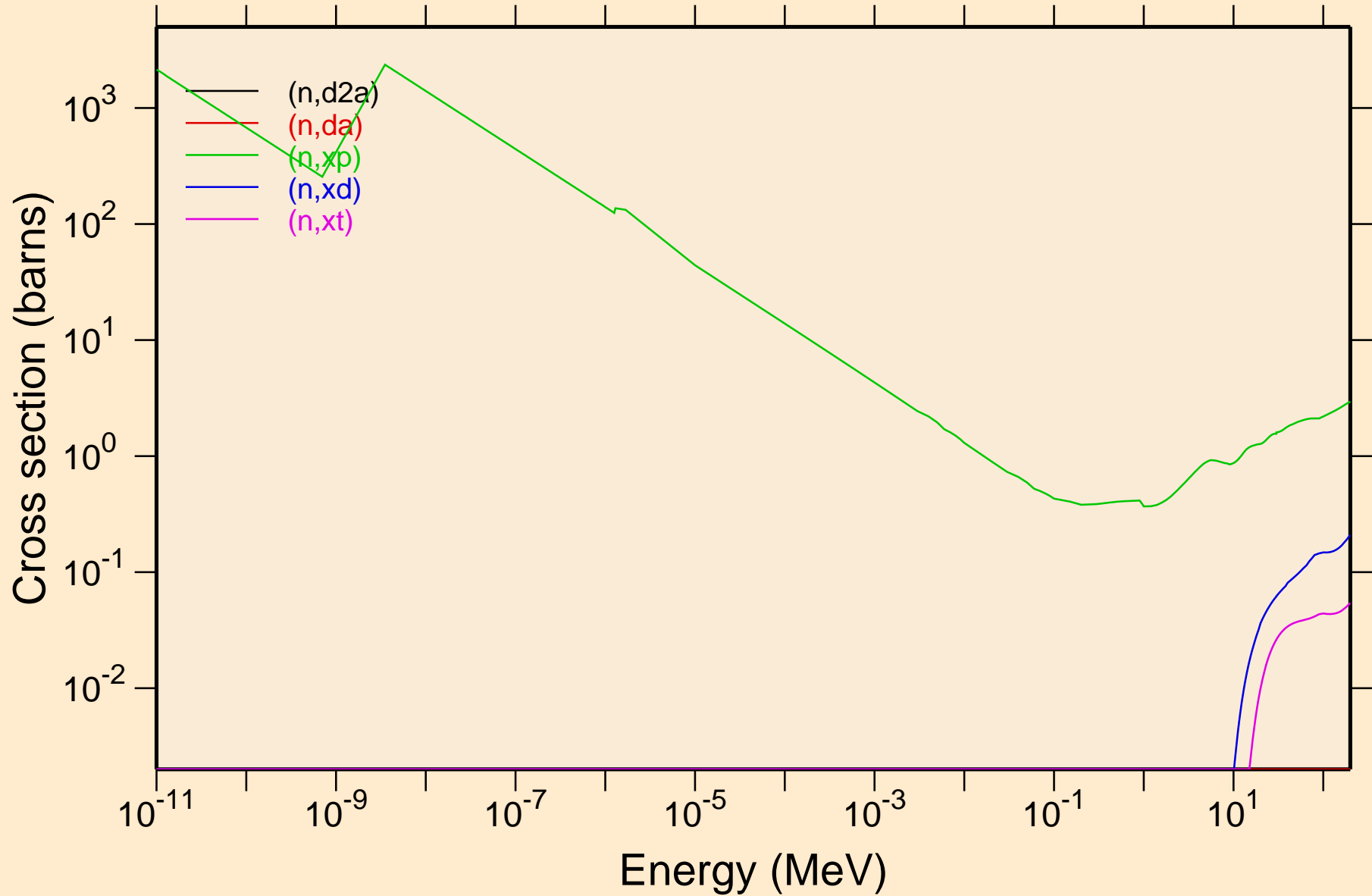
Non-threshold reactions



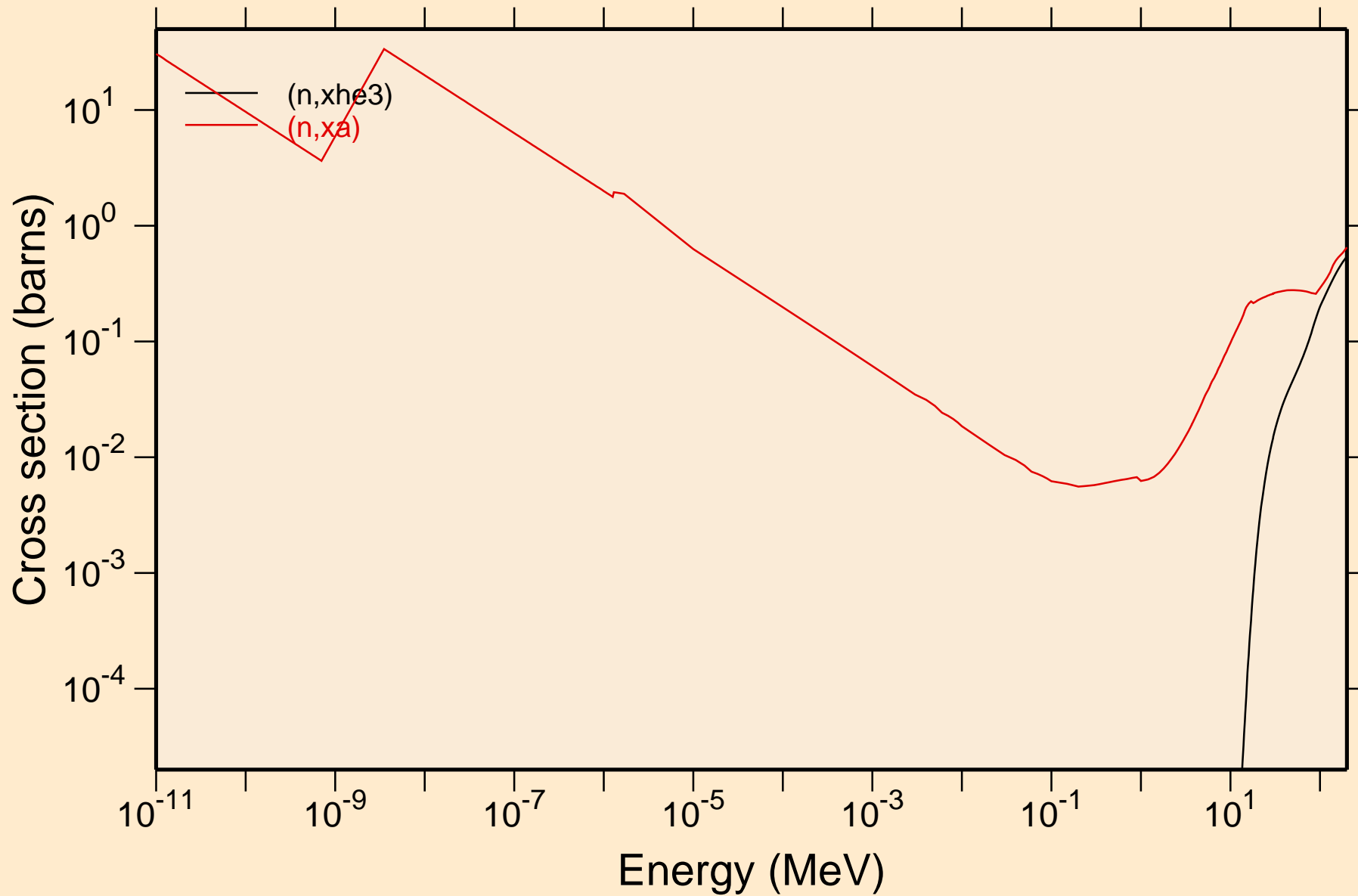
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions

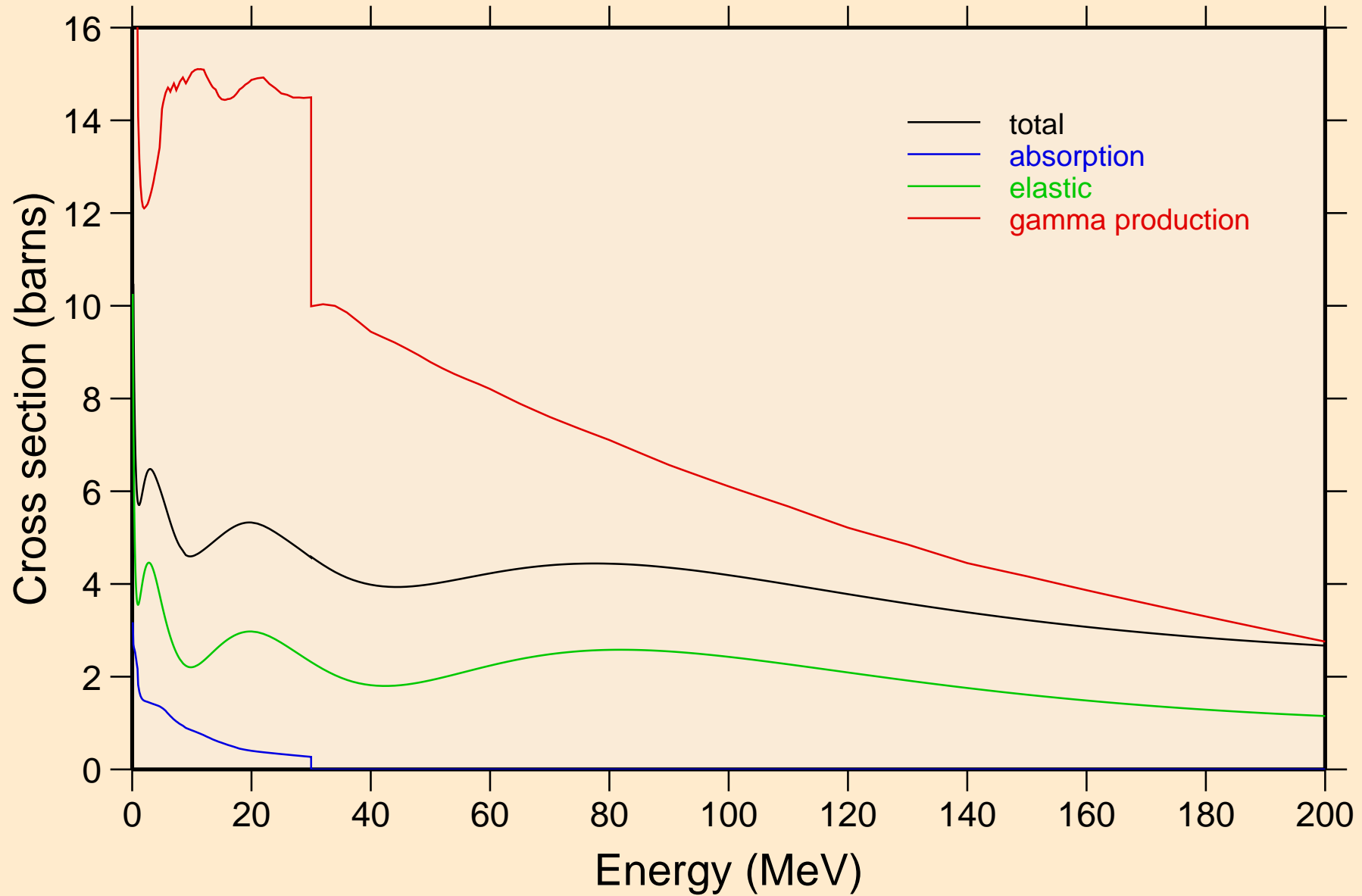


IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



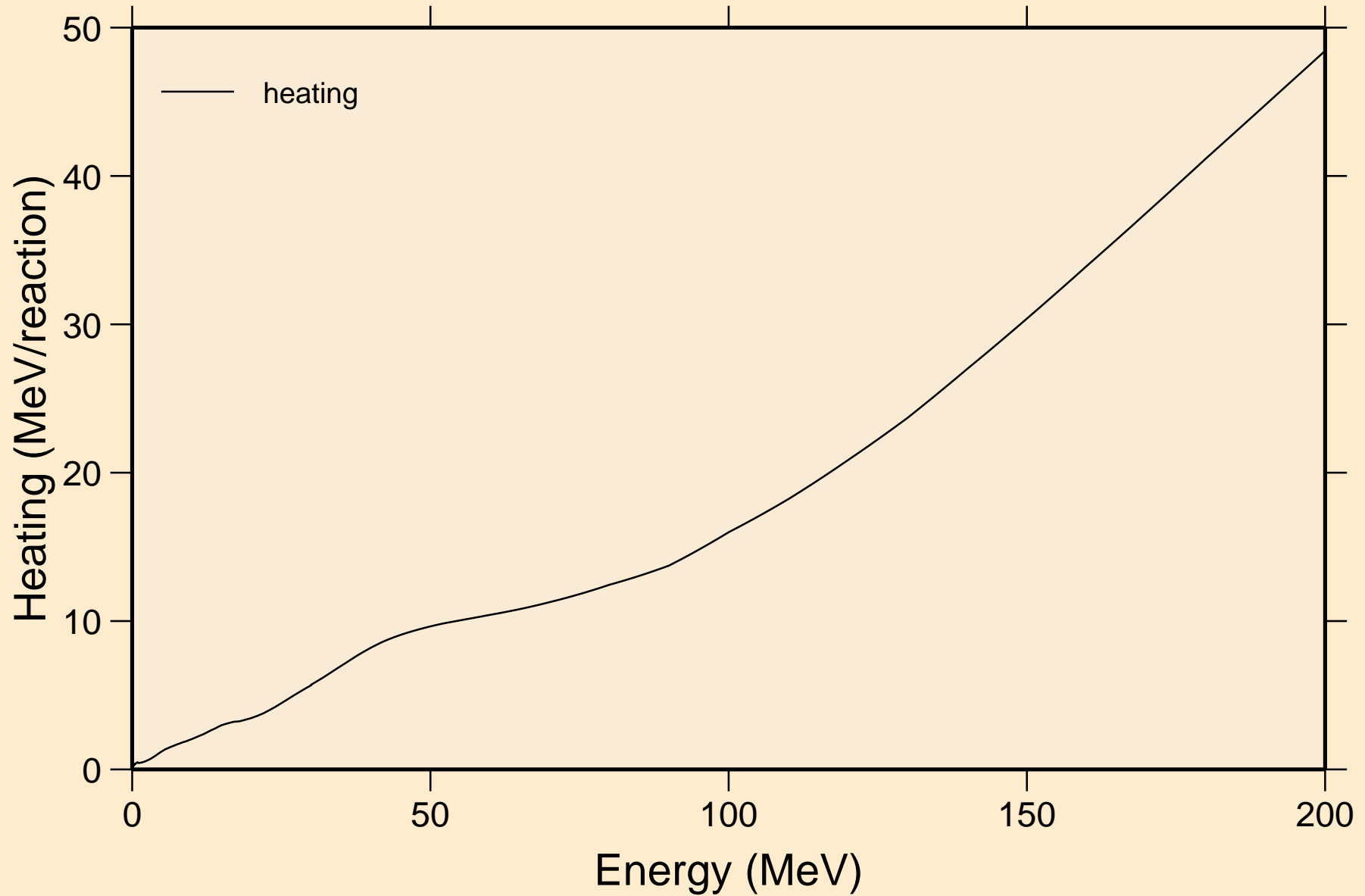
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections

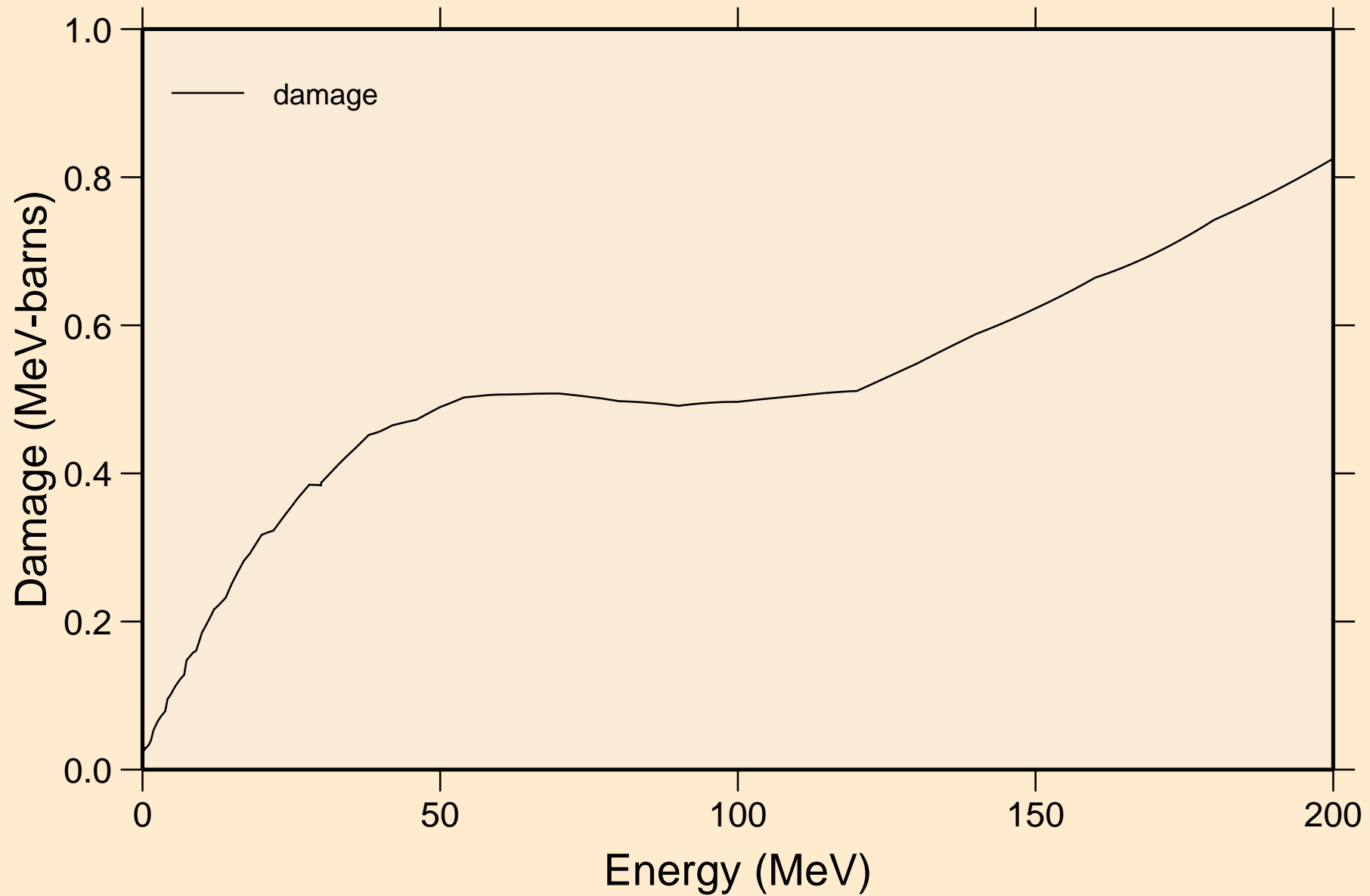


IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

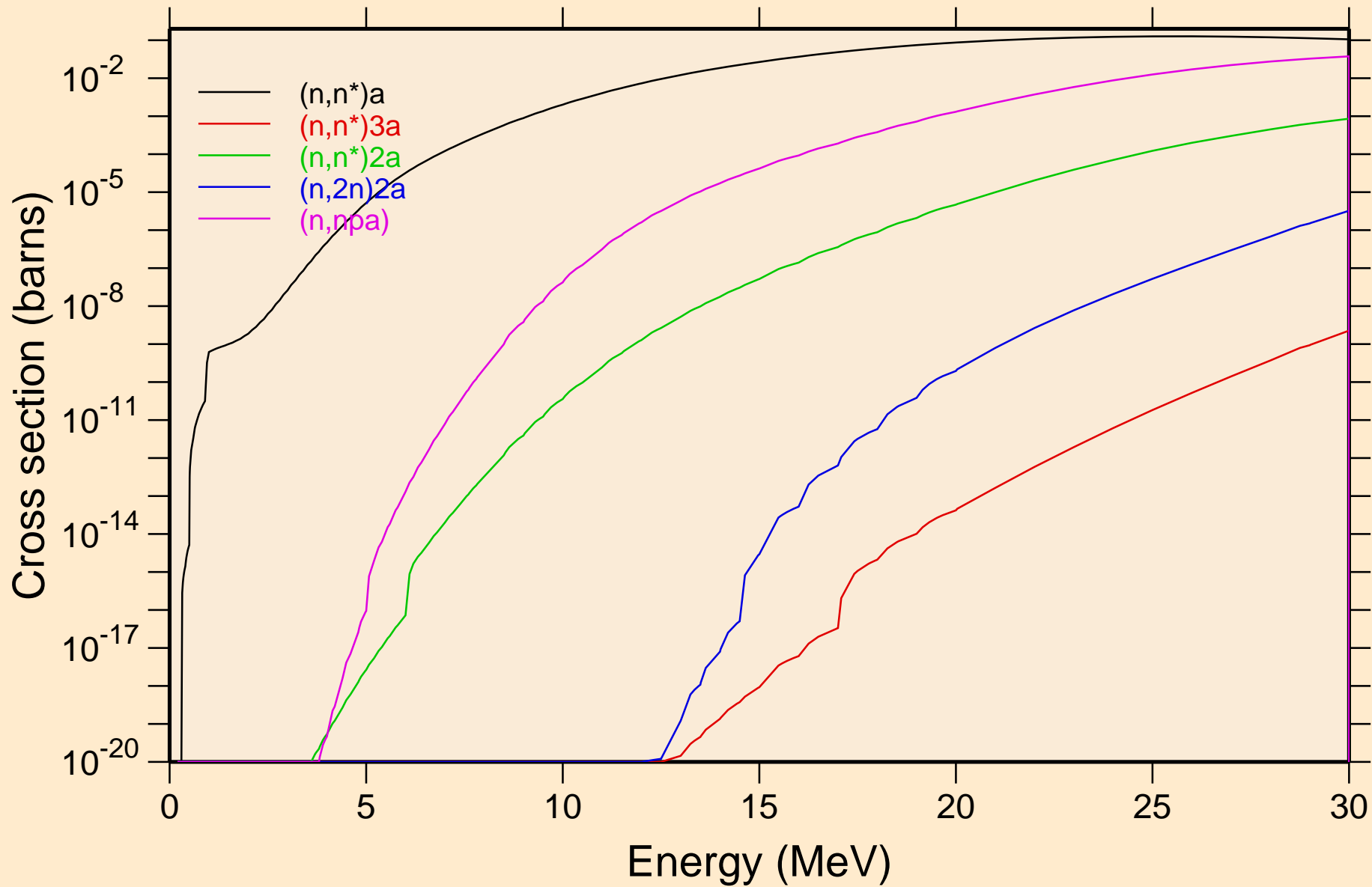
Heating



IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Damage

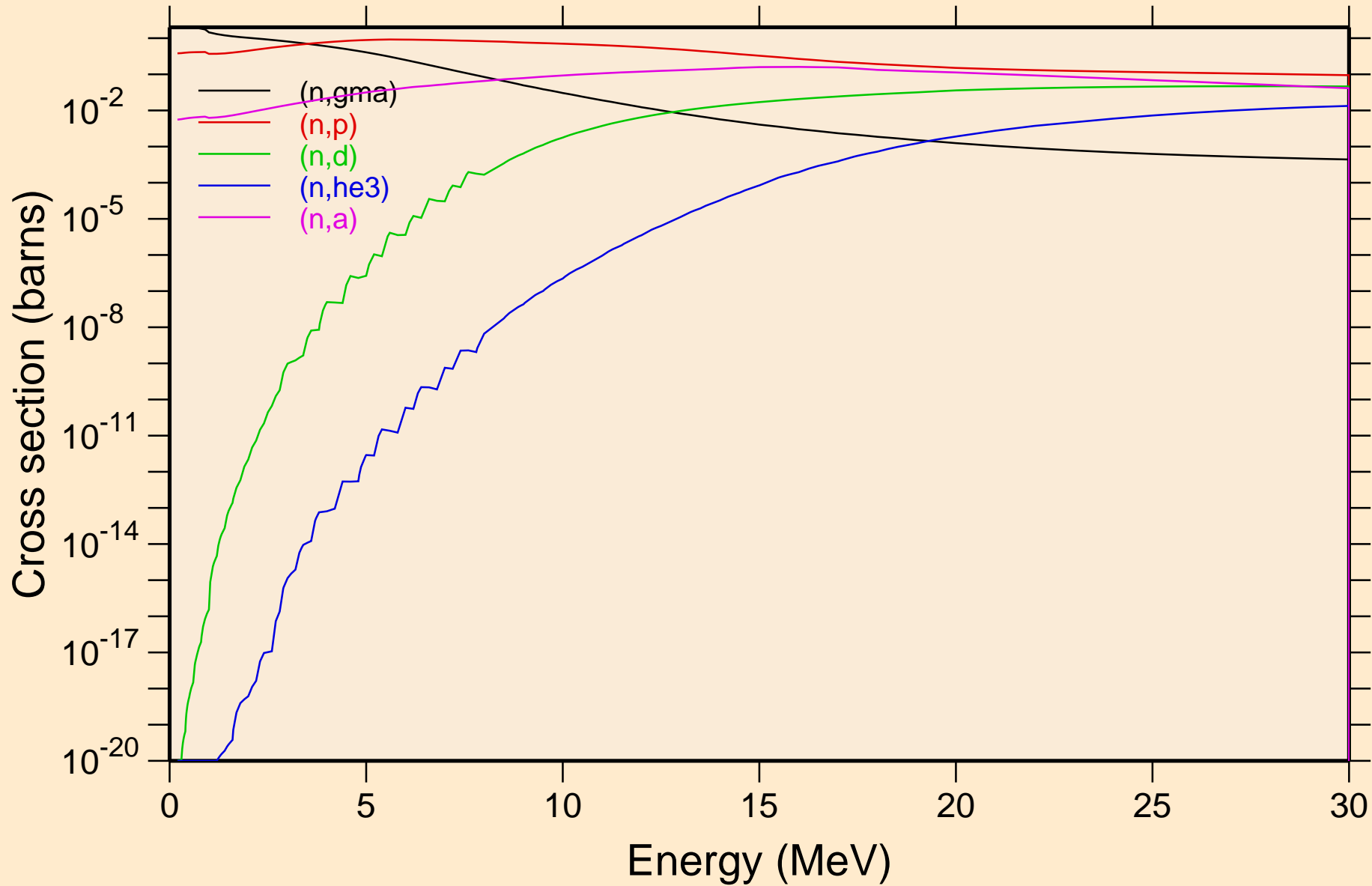


IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions

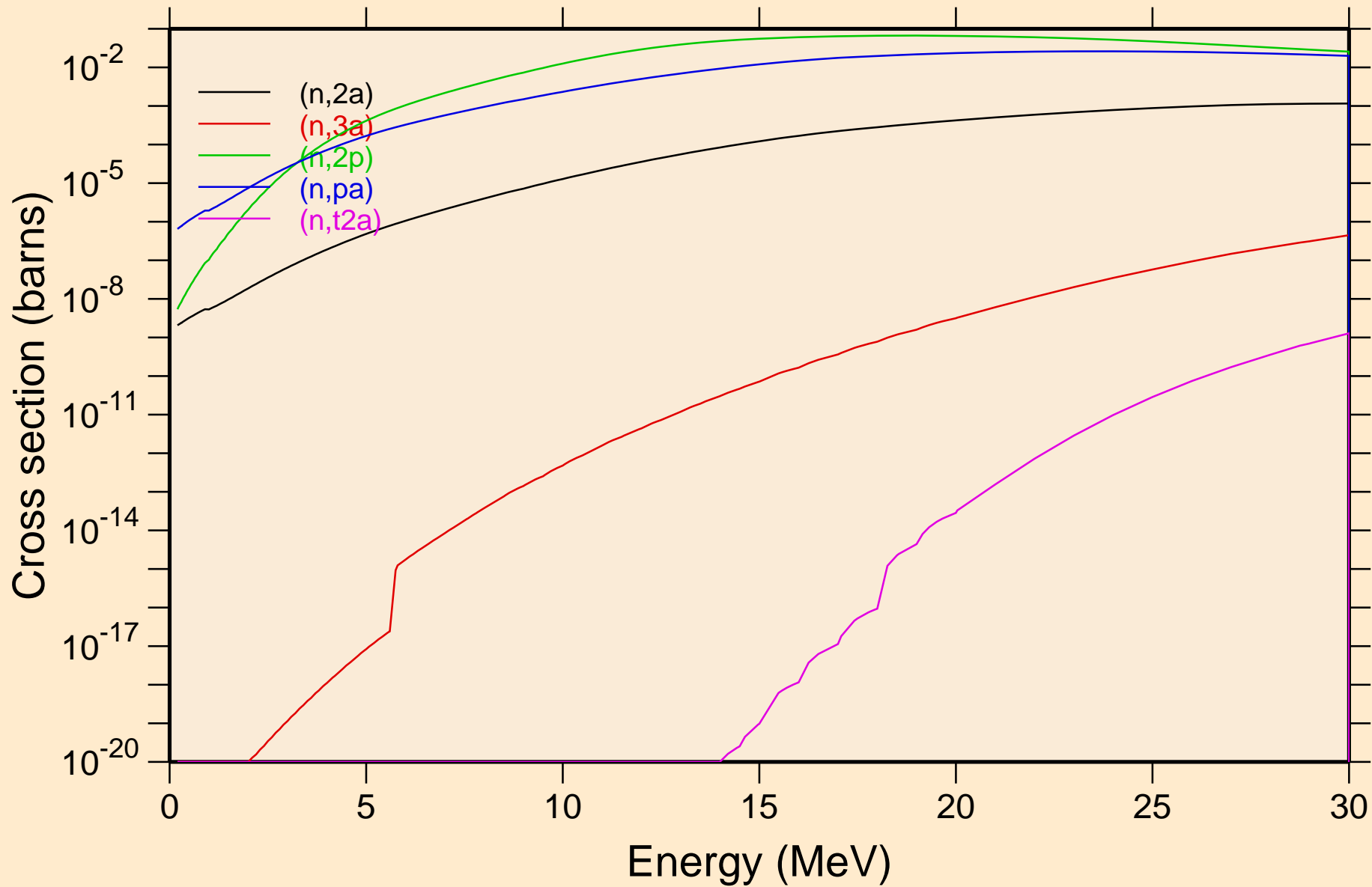


IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions

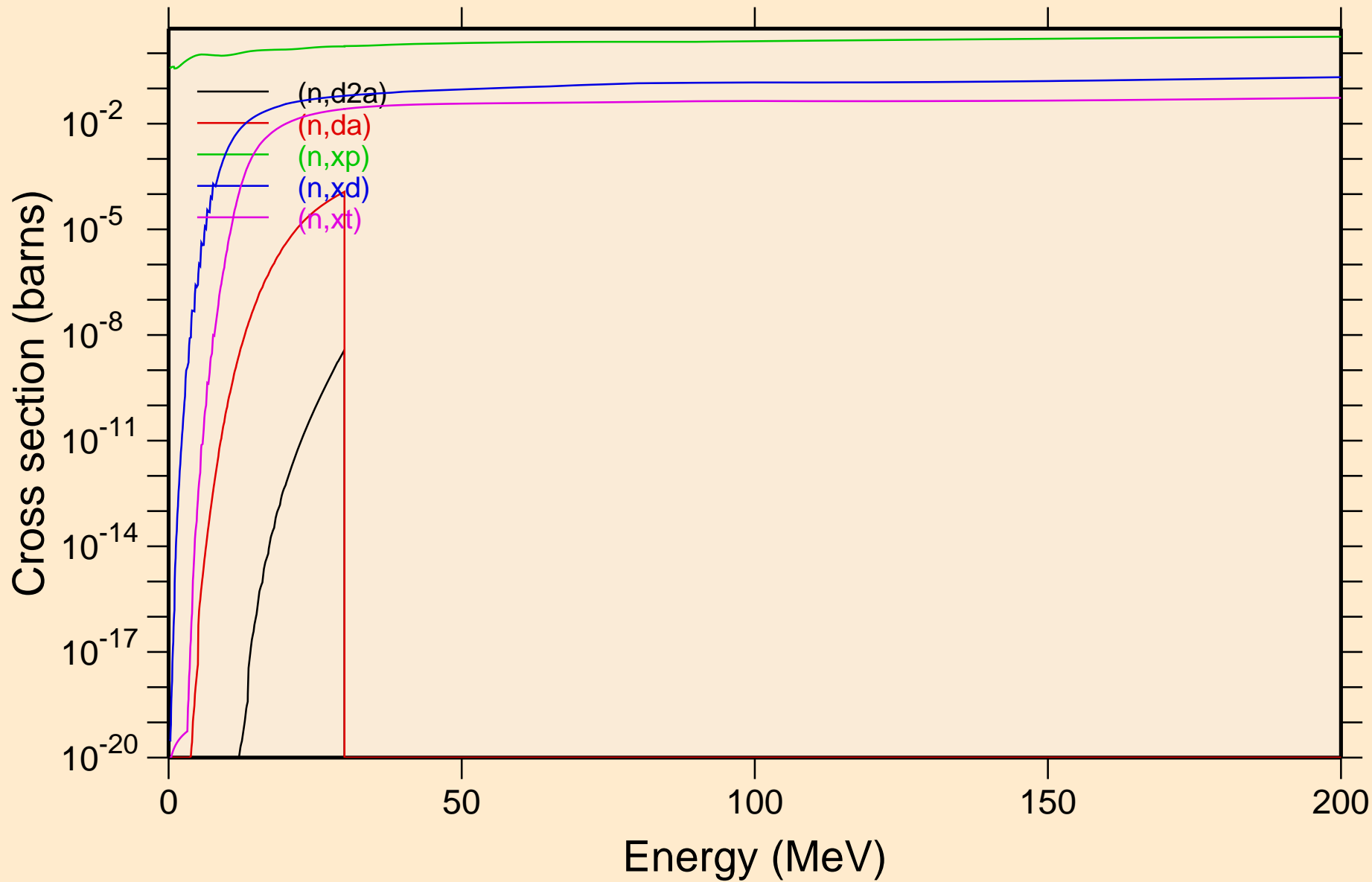


IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions

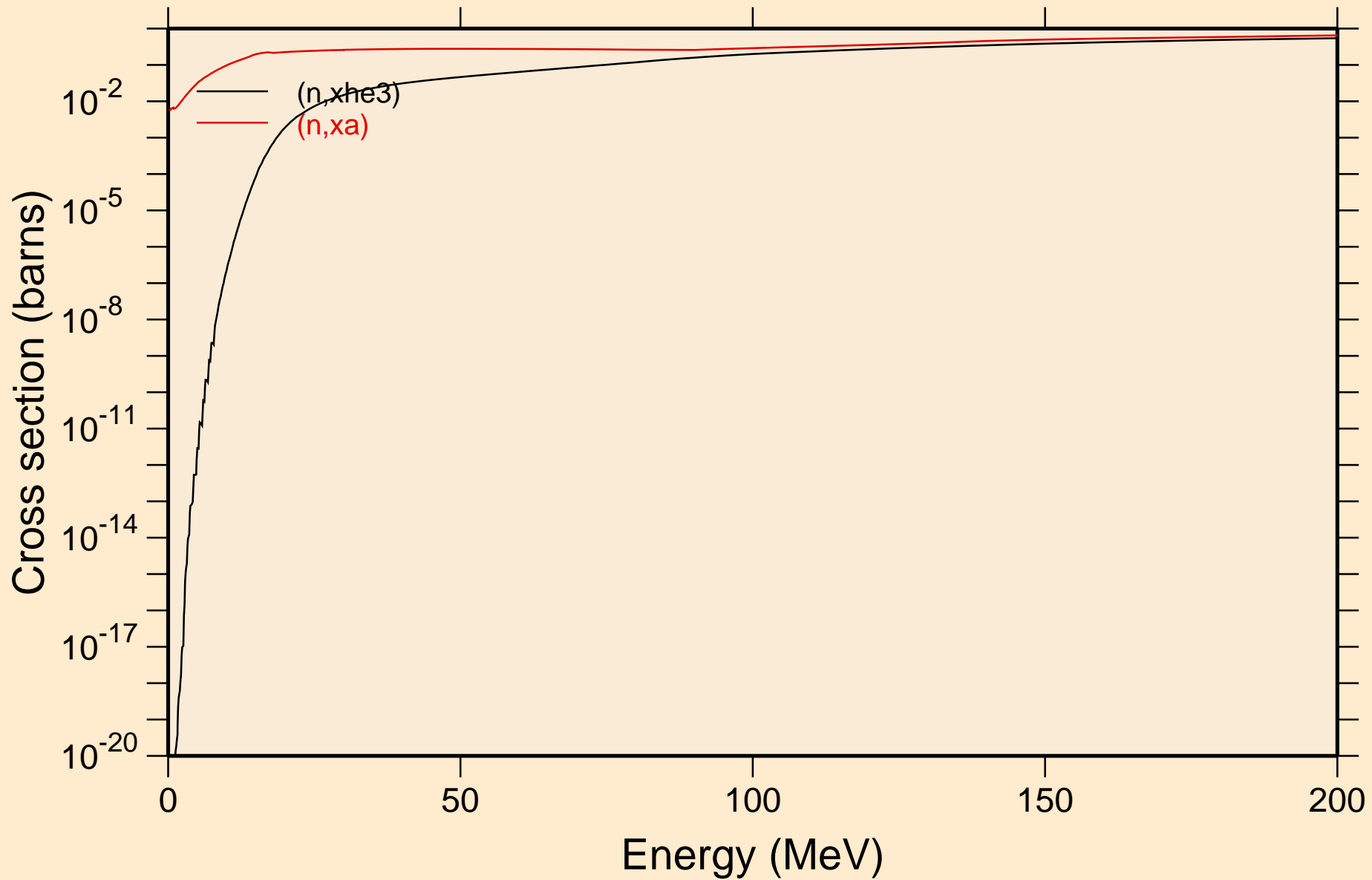


IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

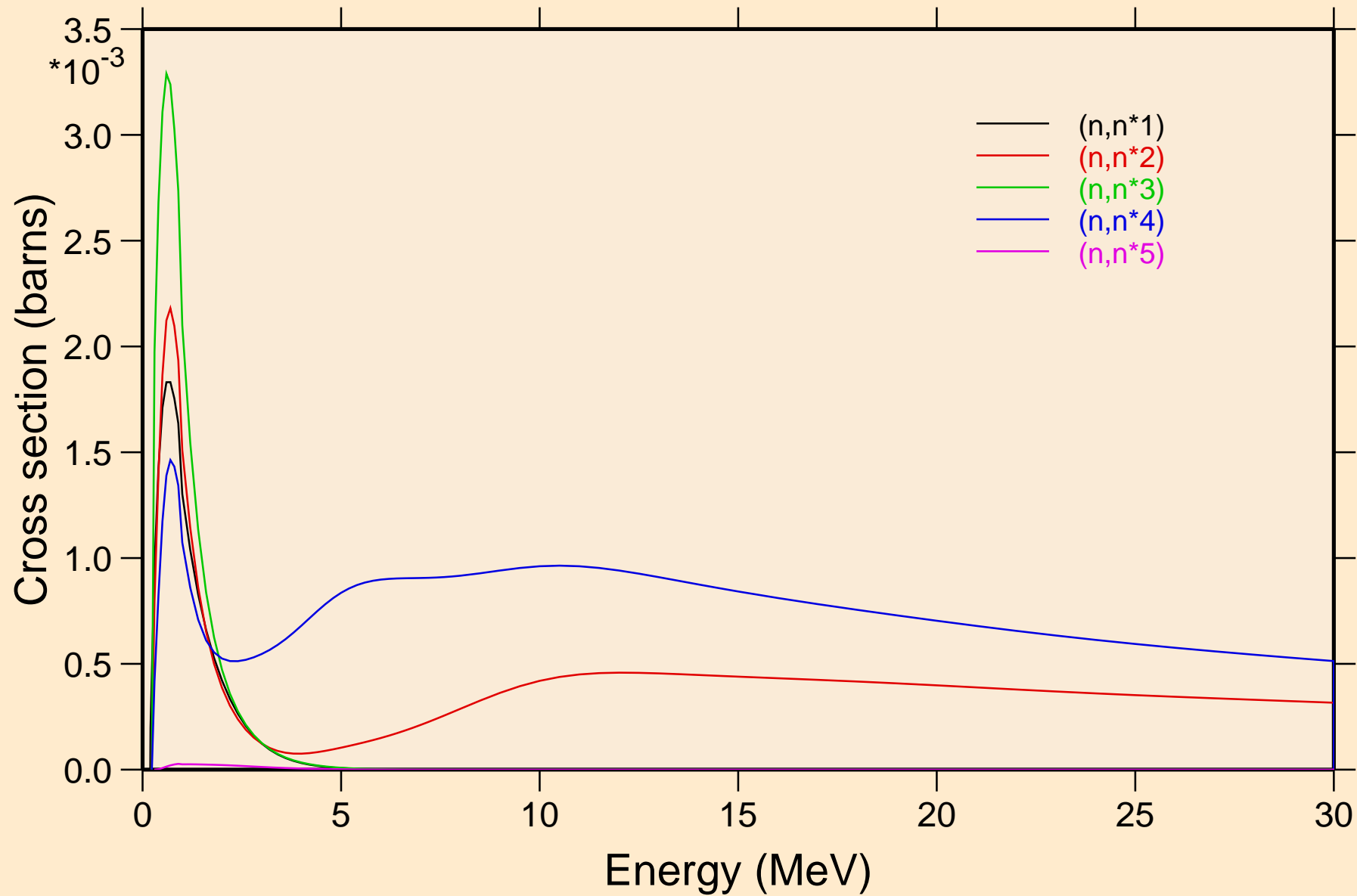
Non-threshold reactions



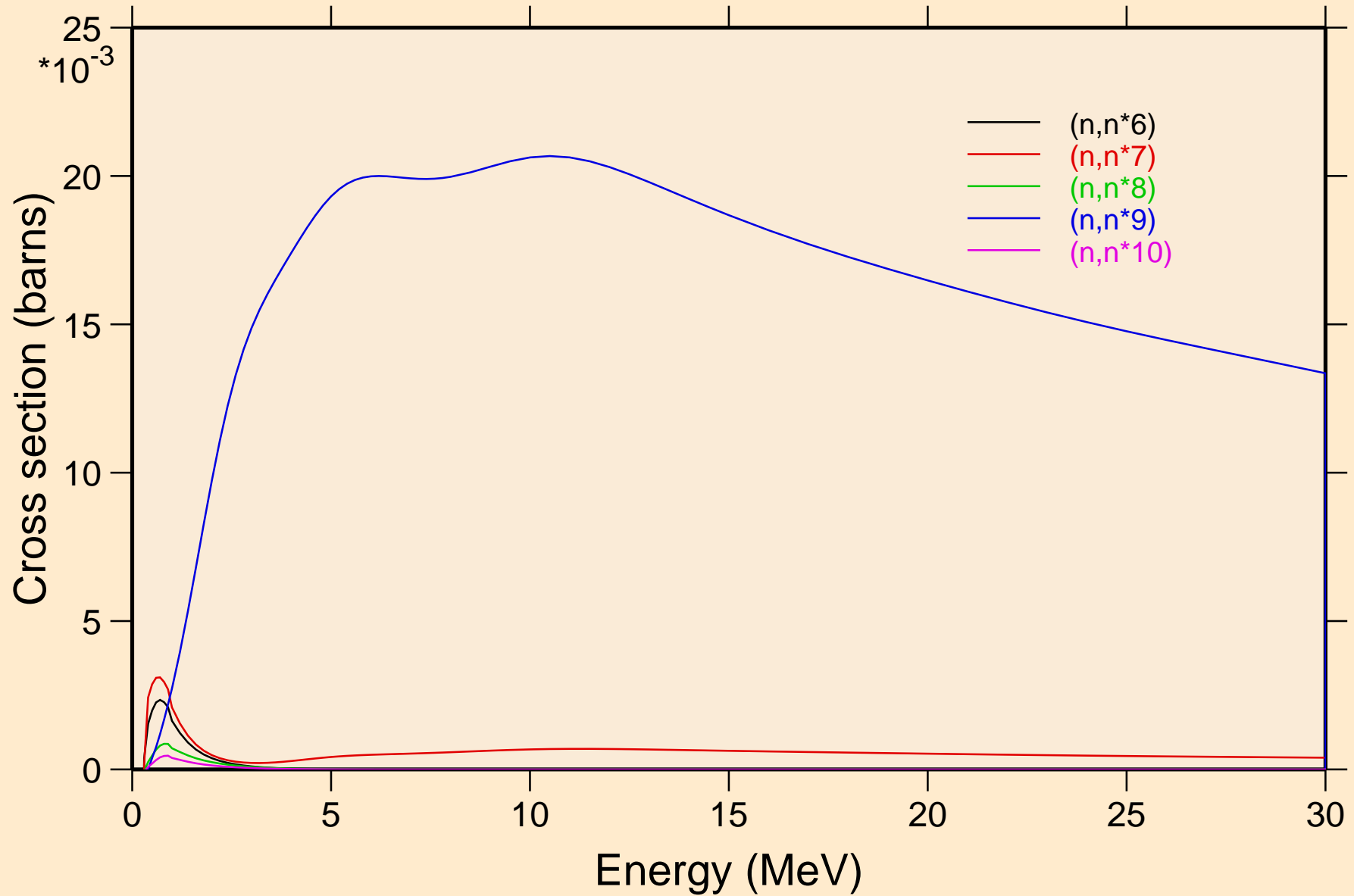
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels

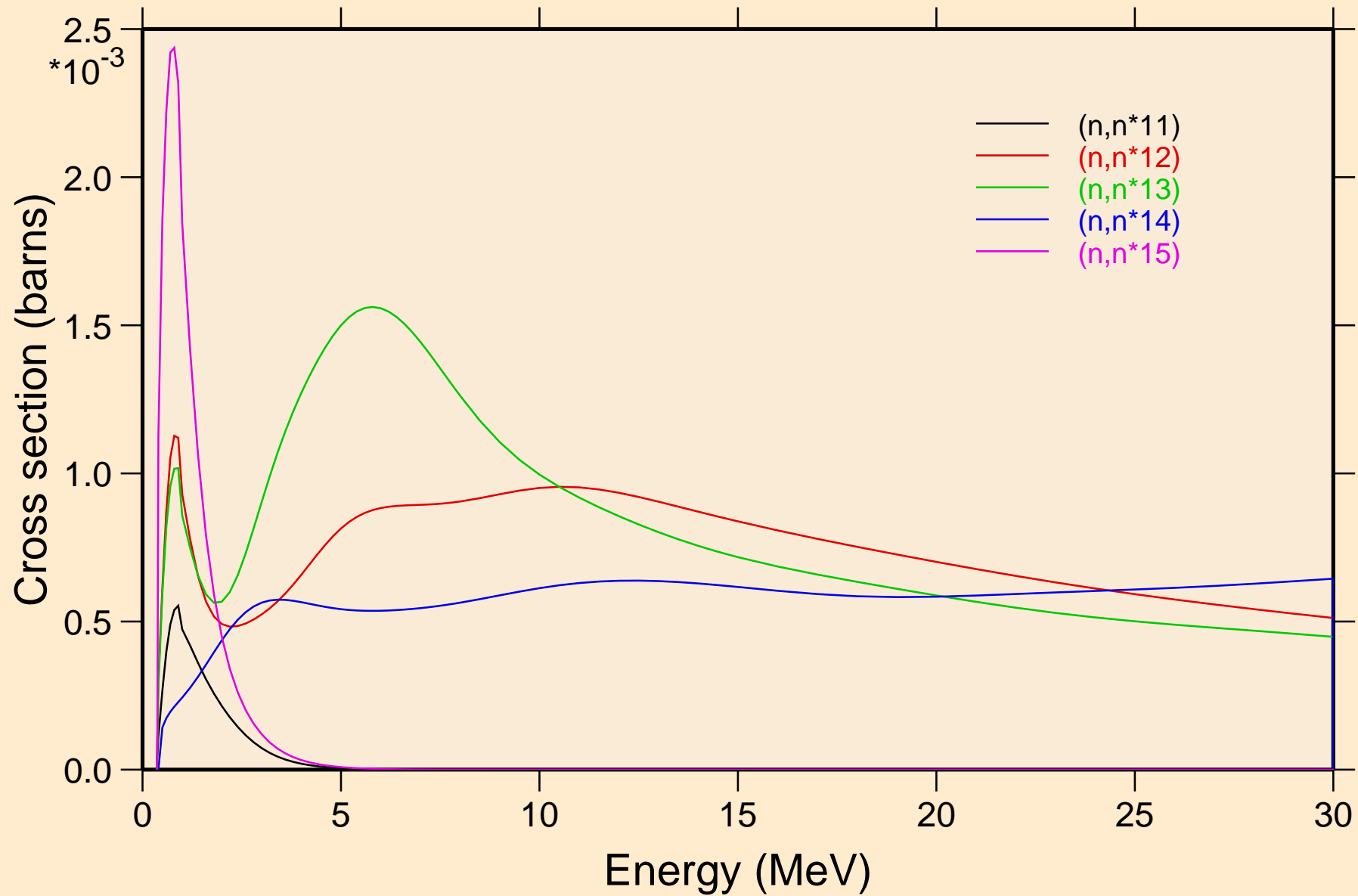


IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels

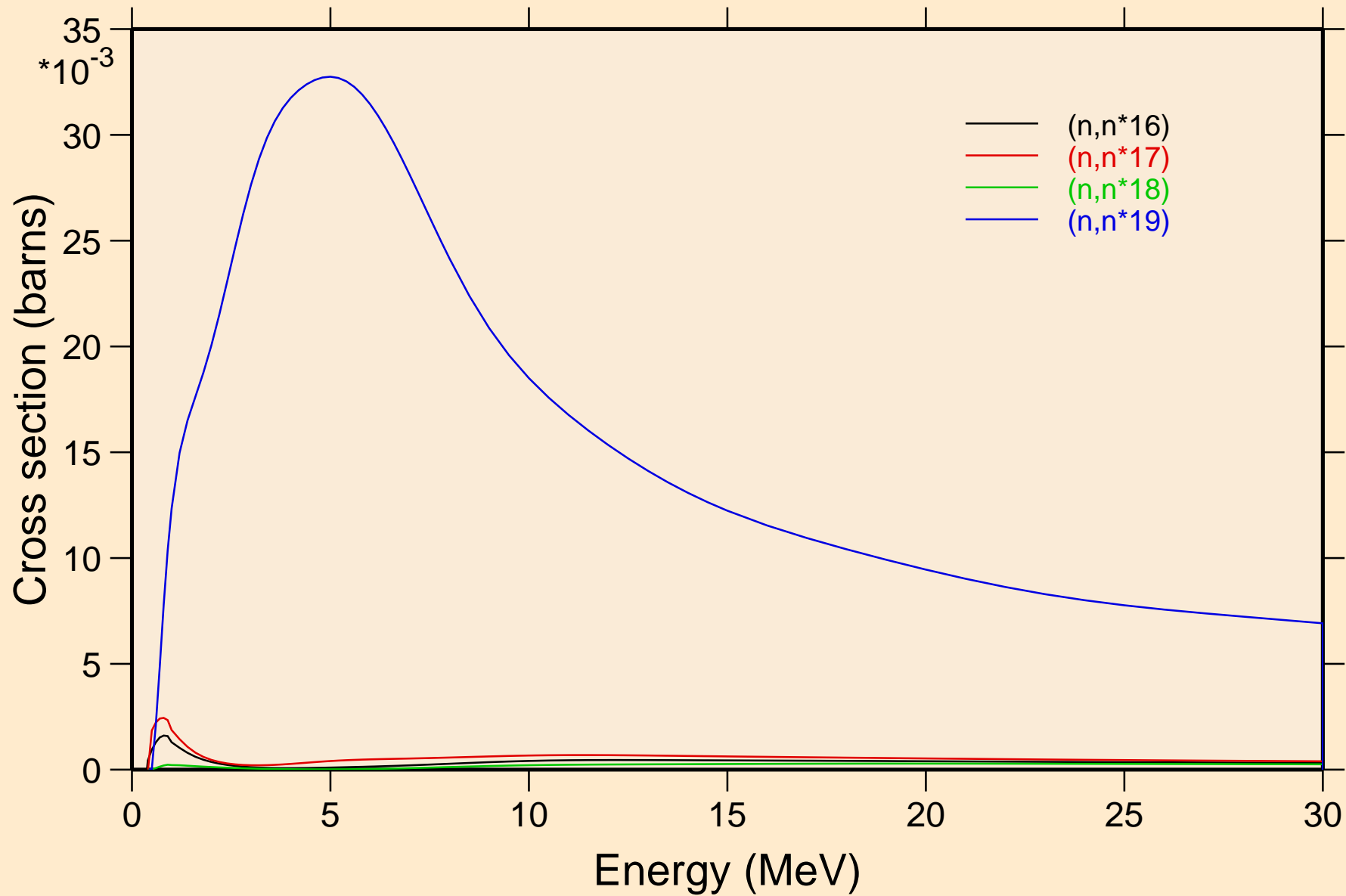


IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels

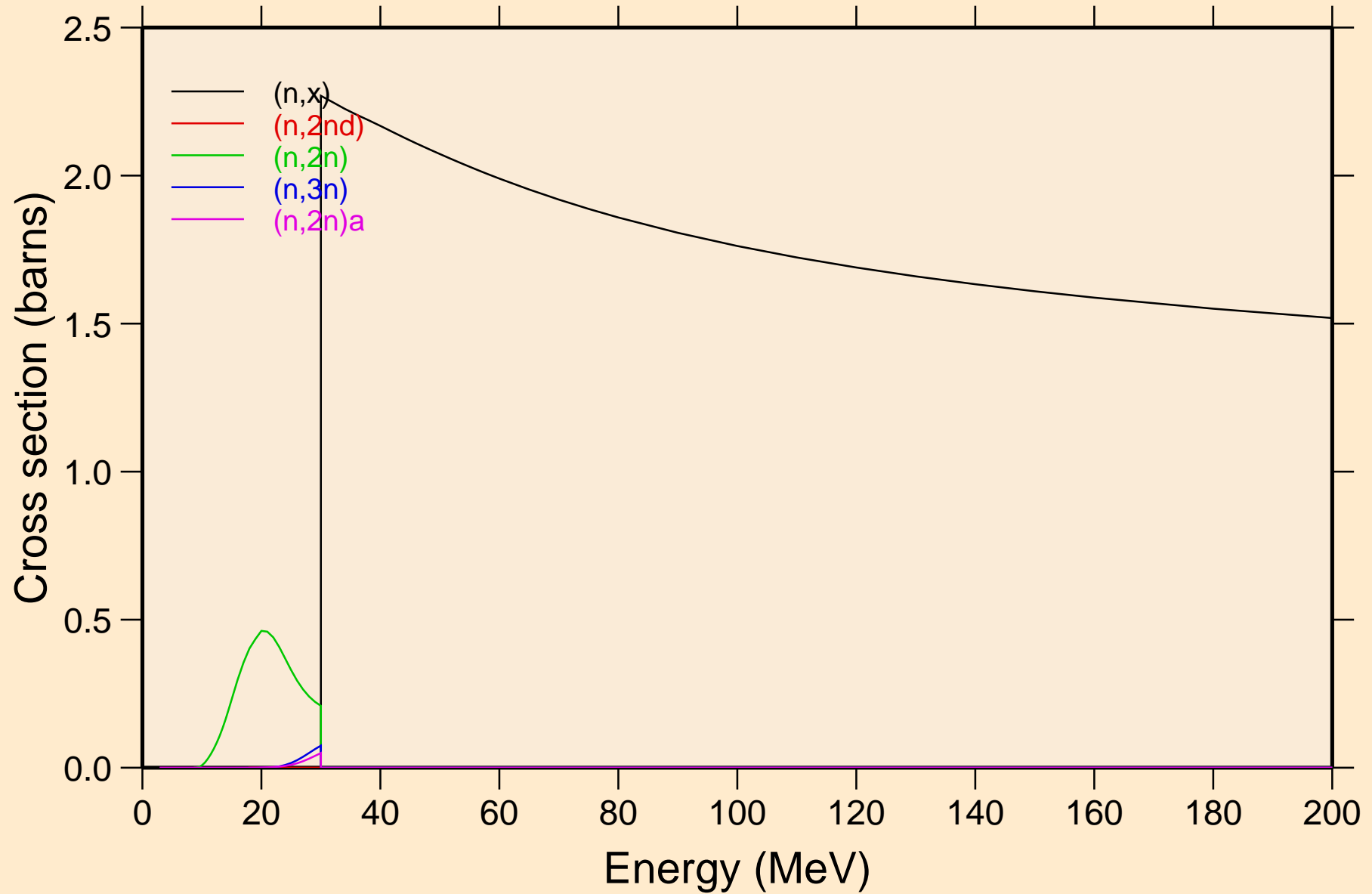


IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels

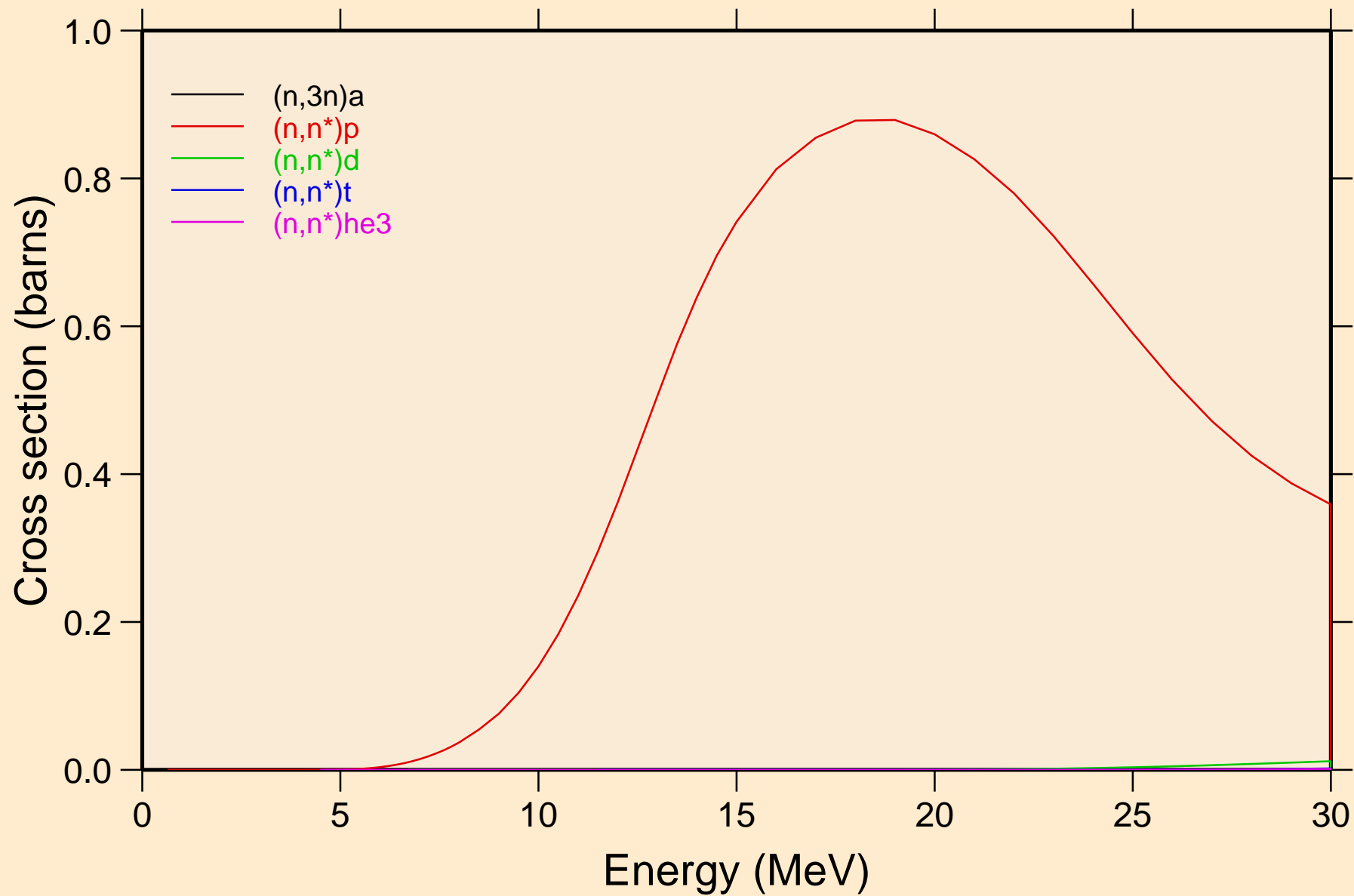


IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

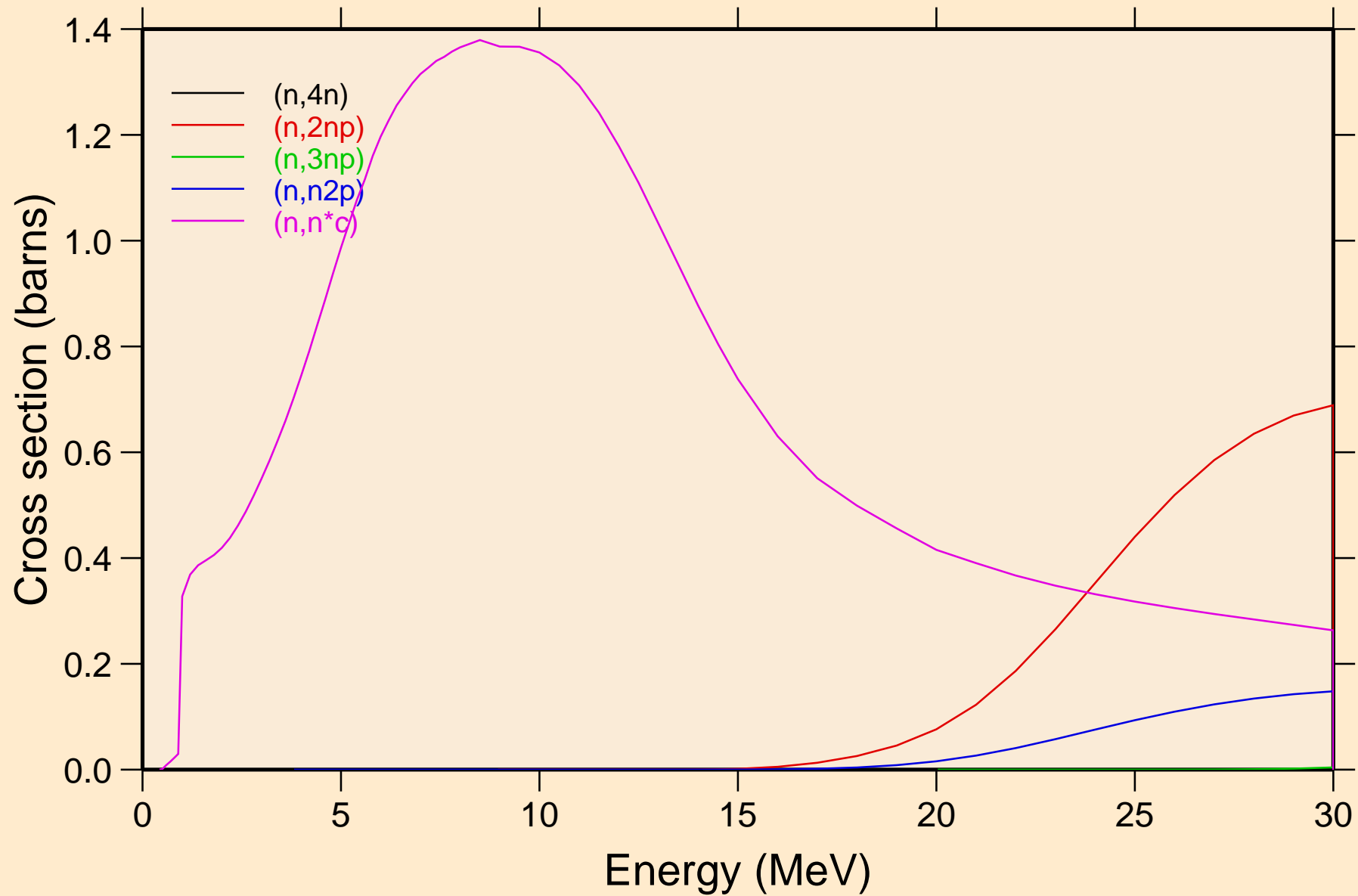
Threshold reactions



IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions

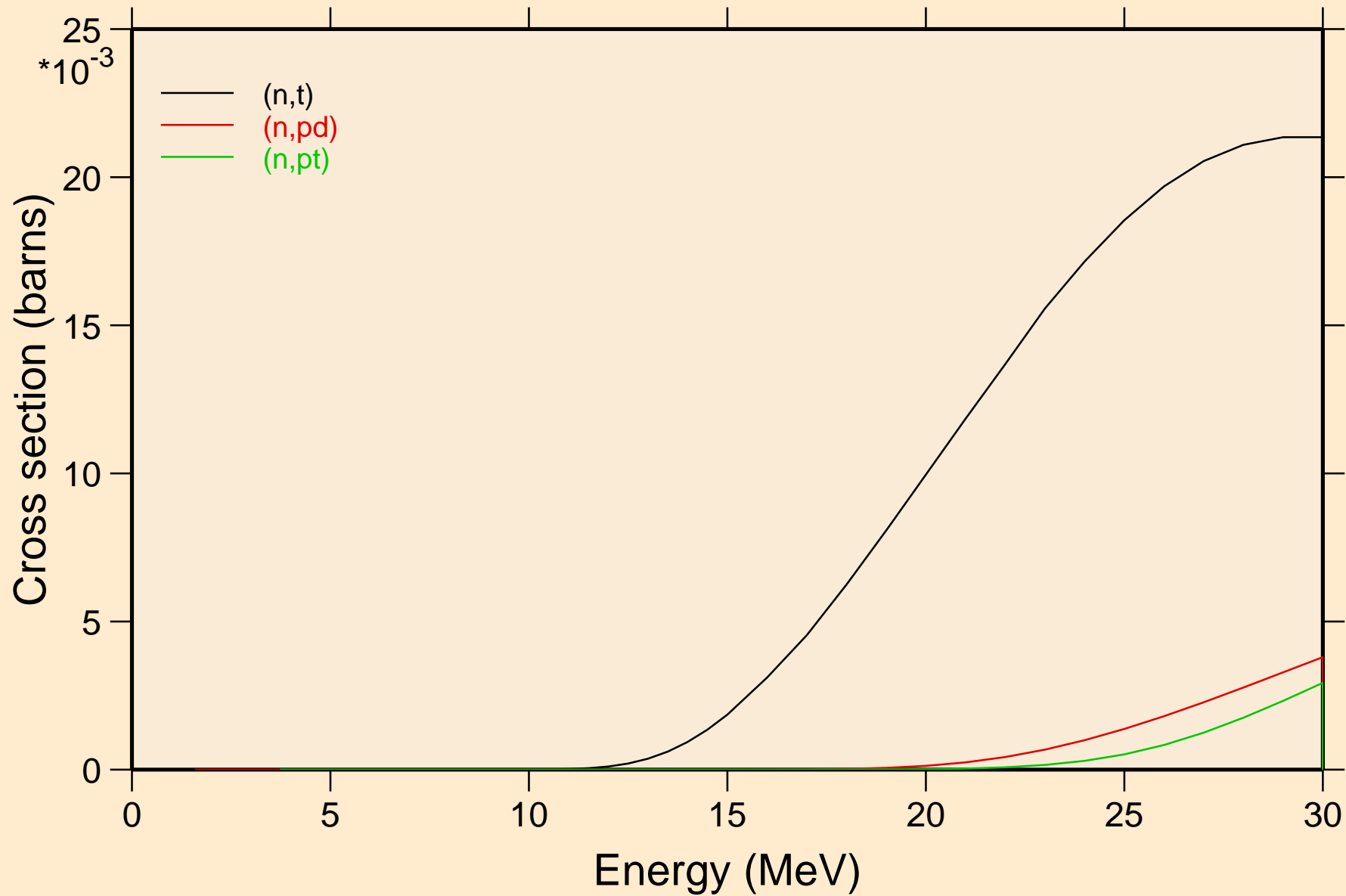


IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions

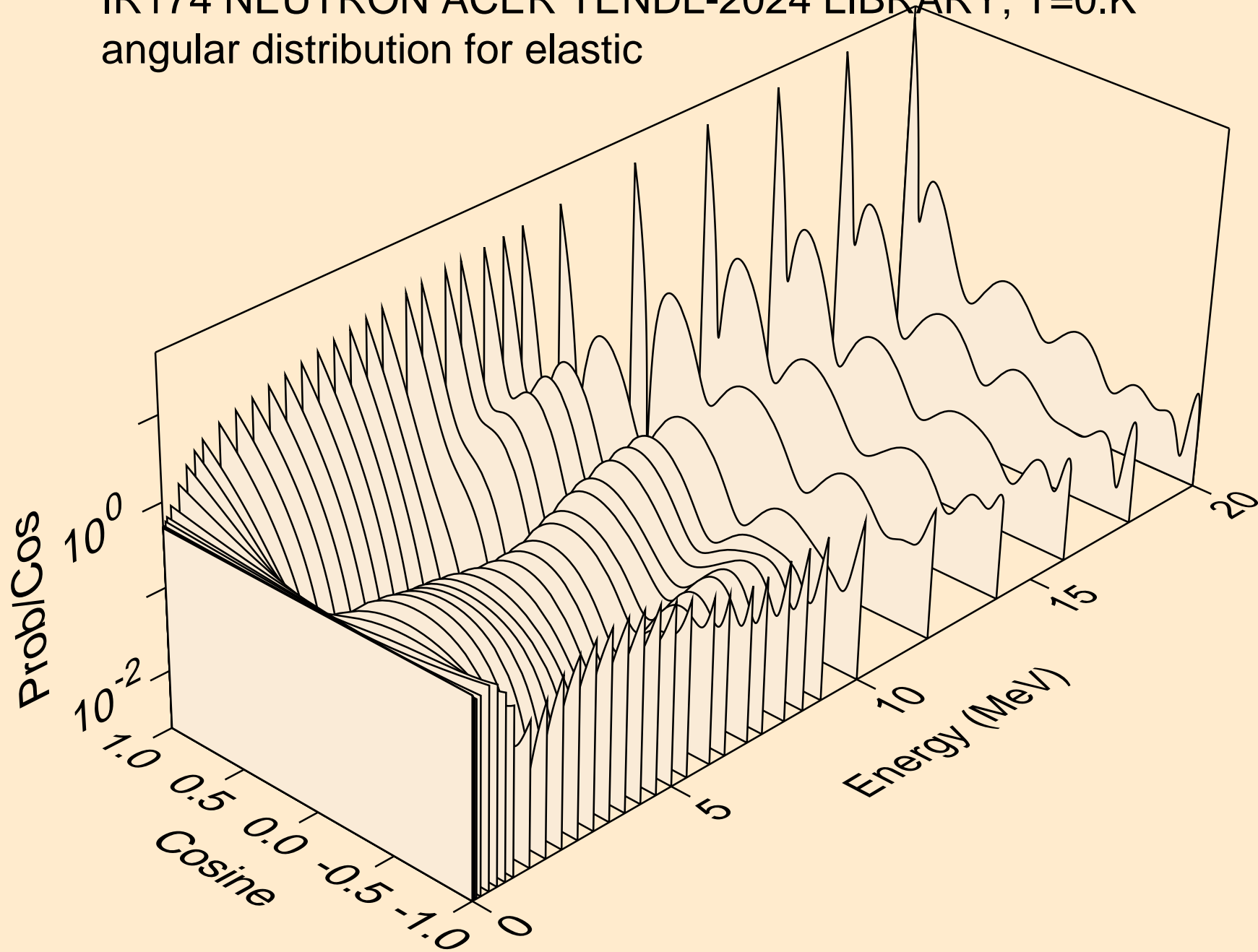


IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

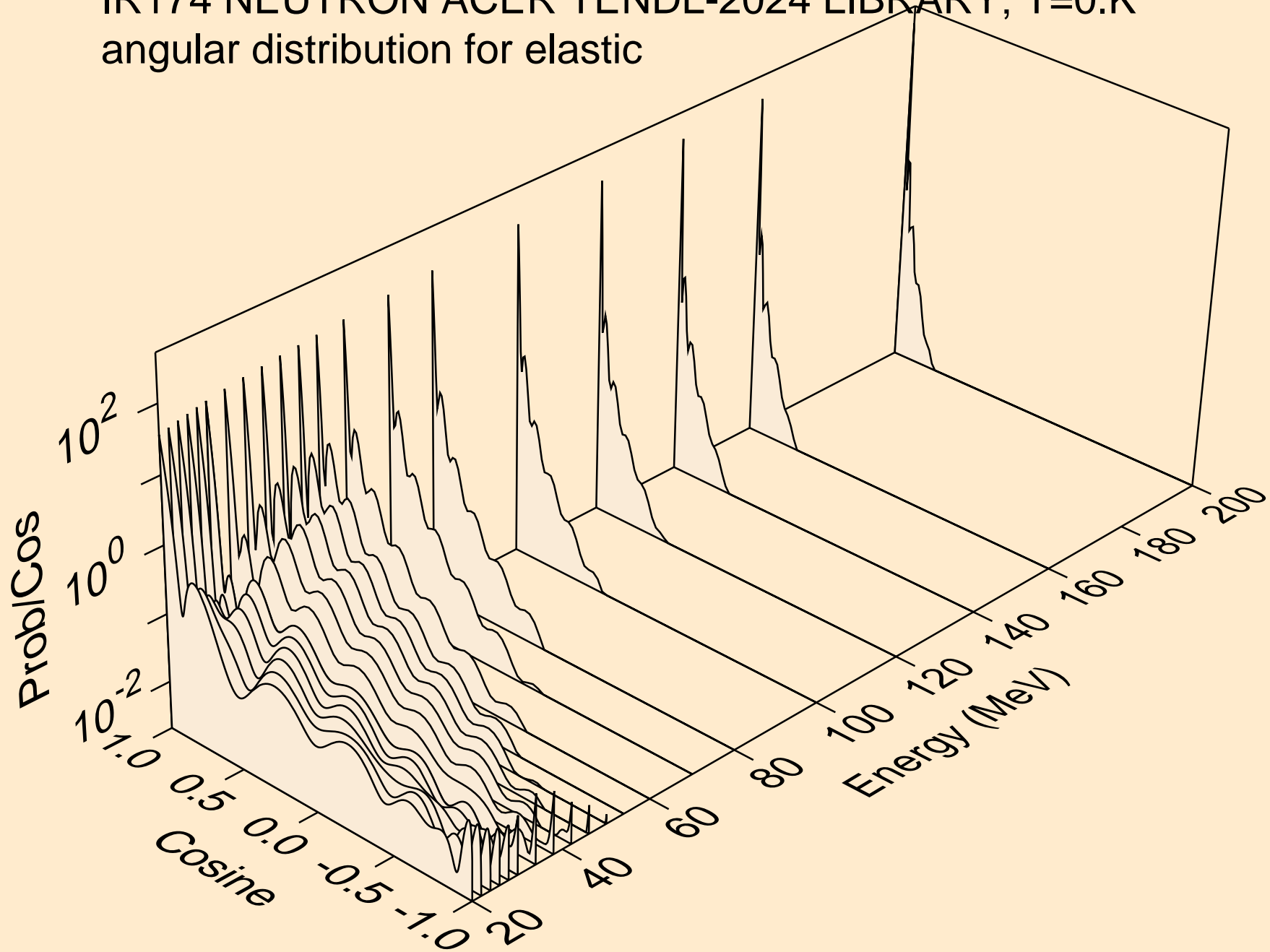
Threshold reactions



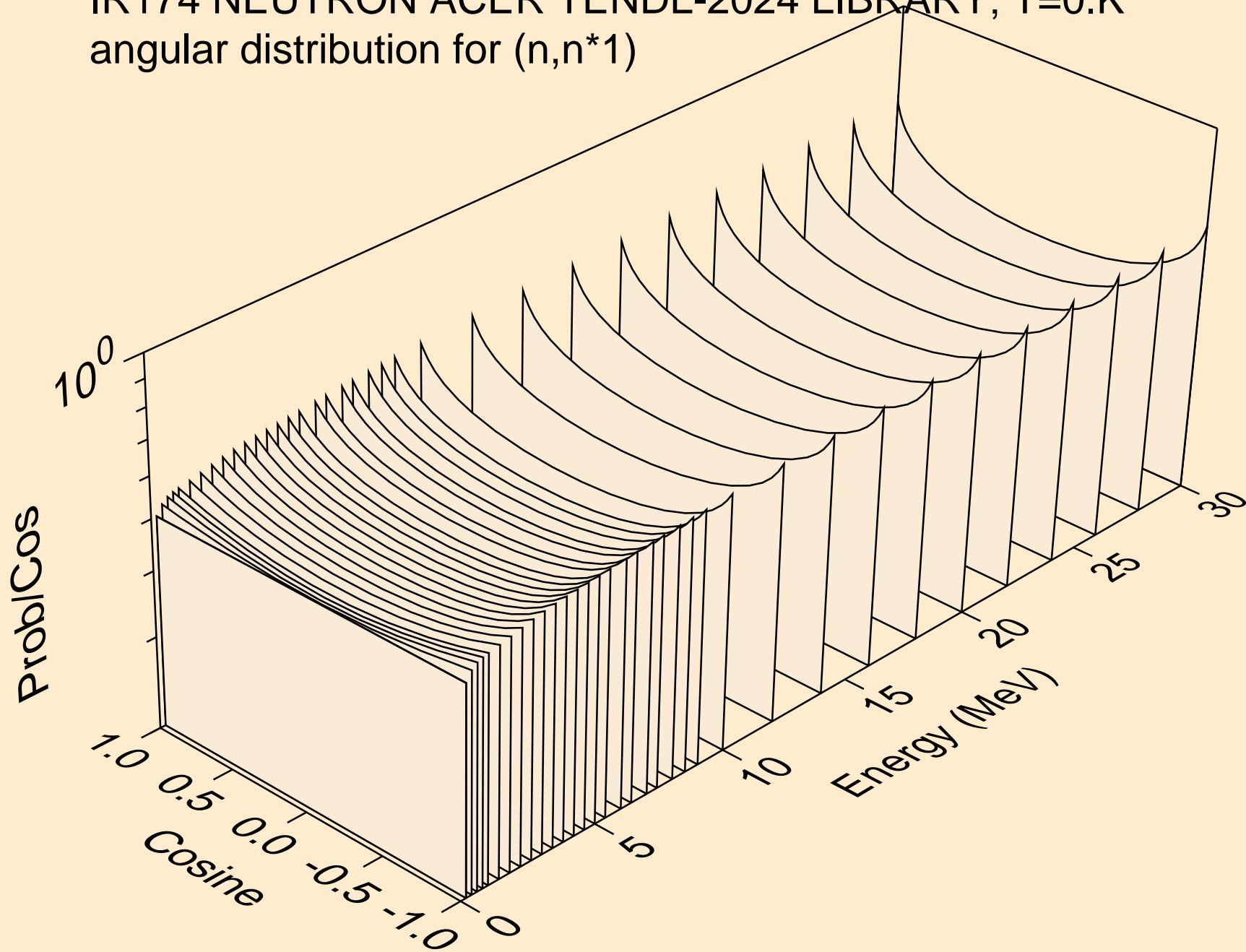
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



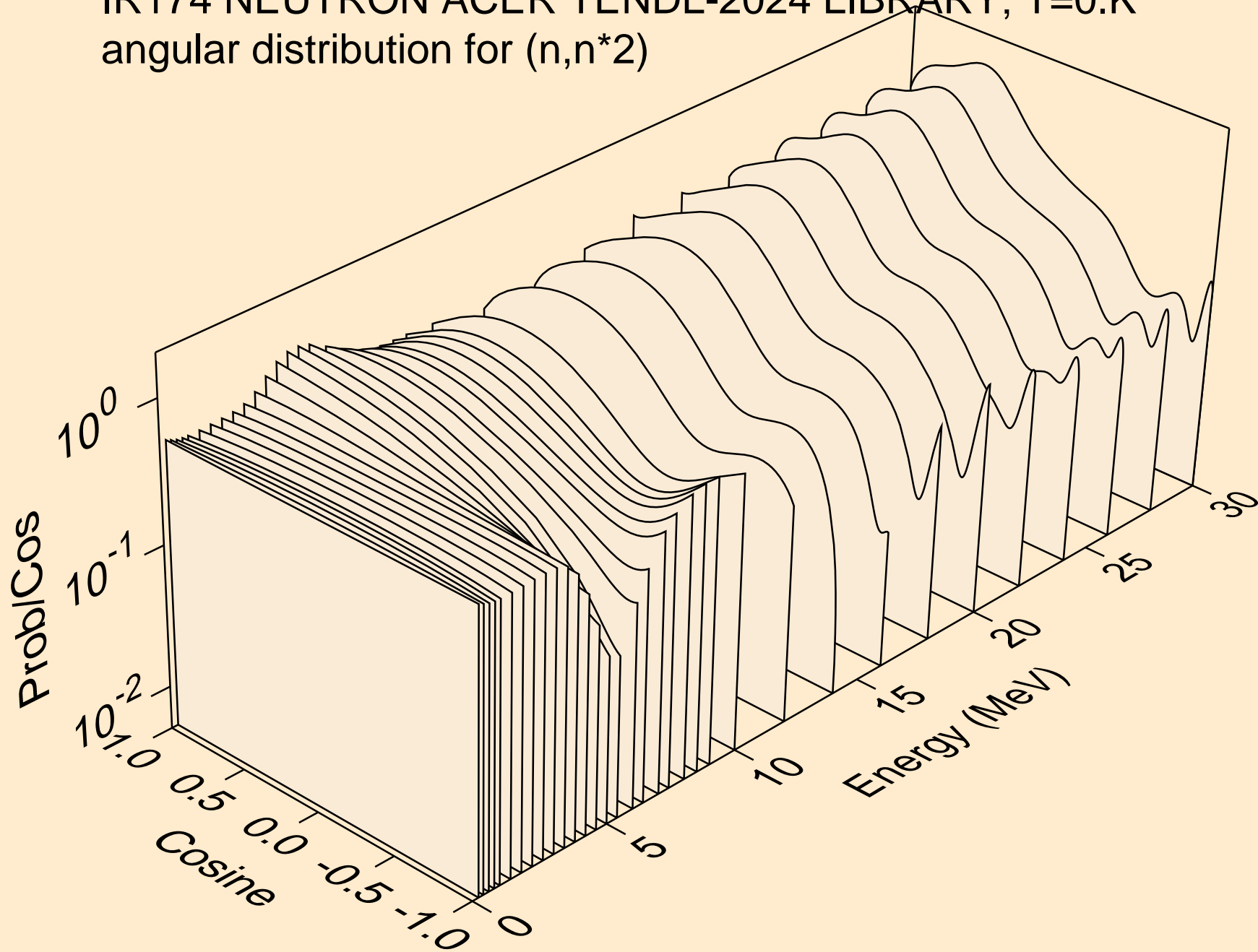
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



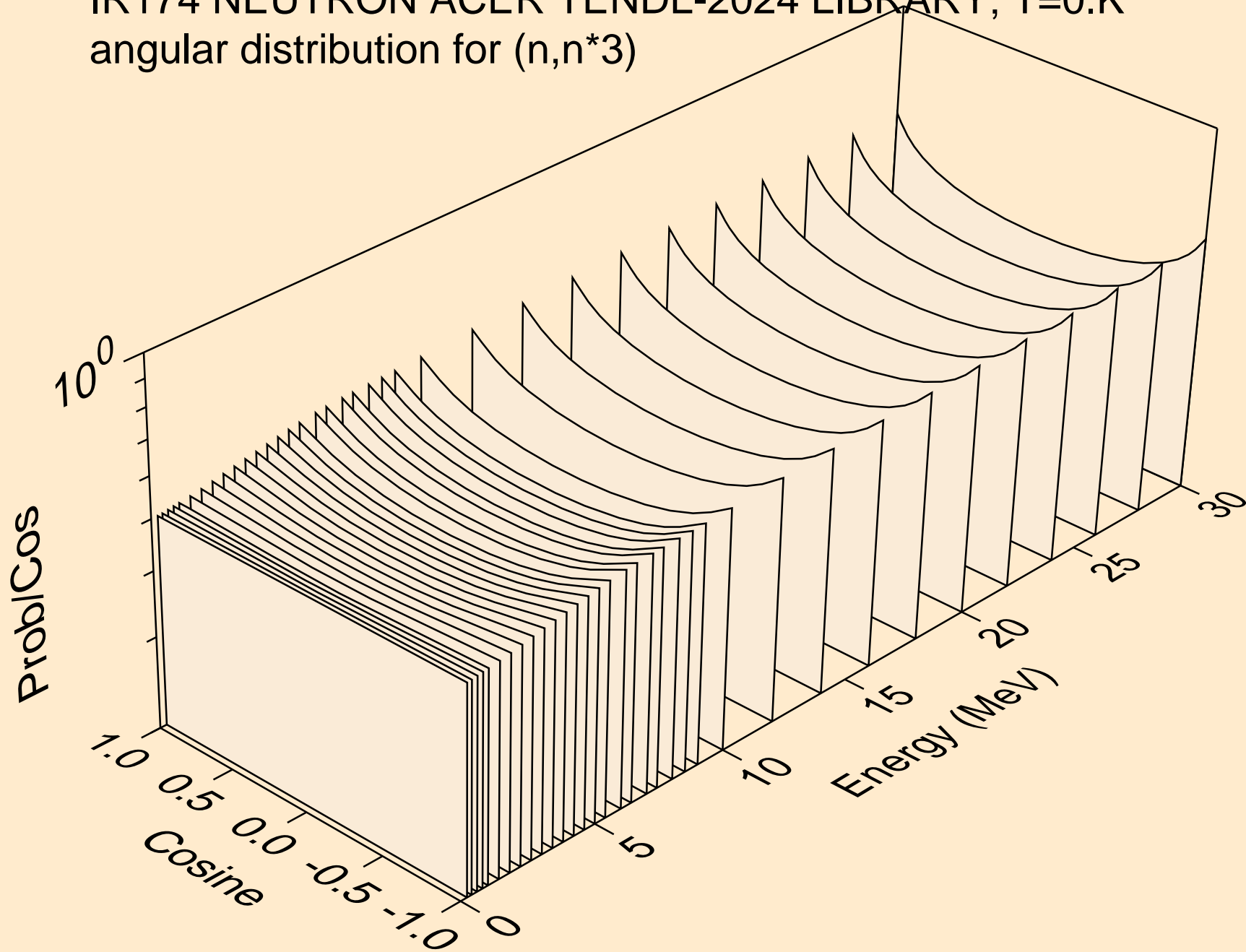
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*1)



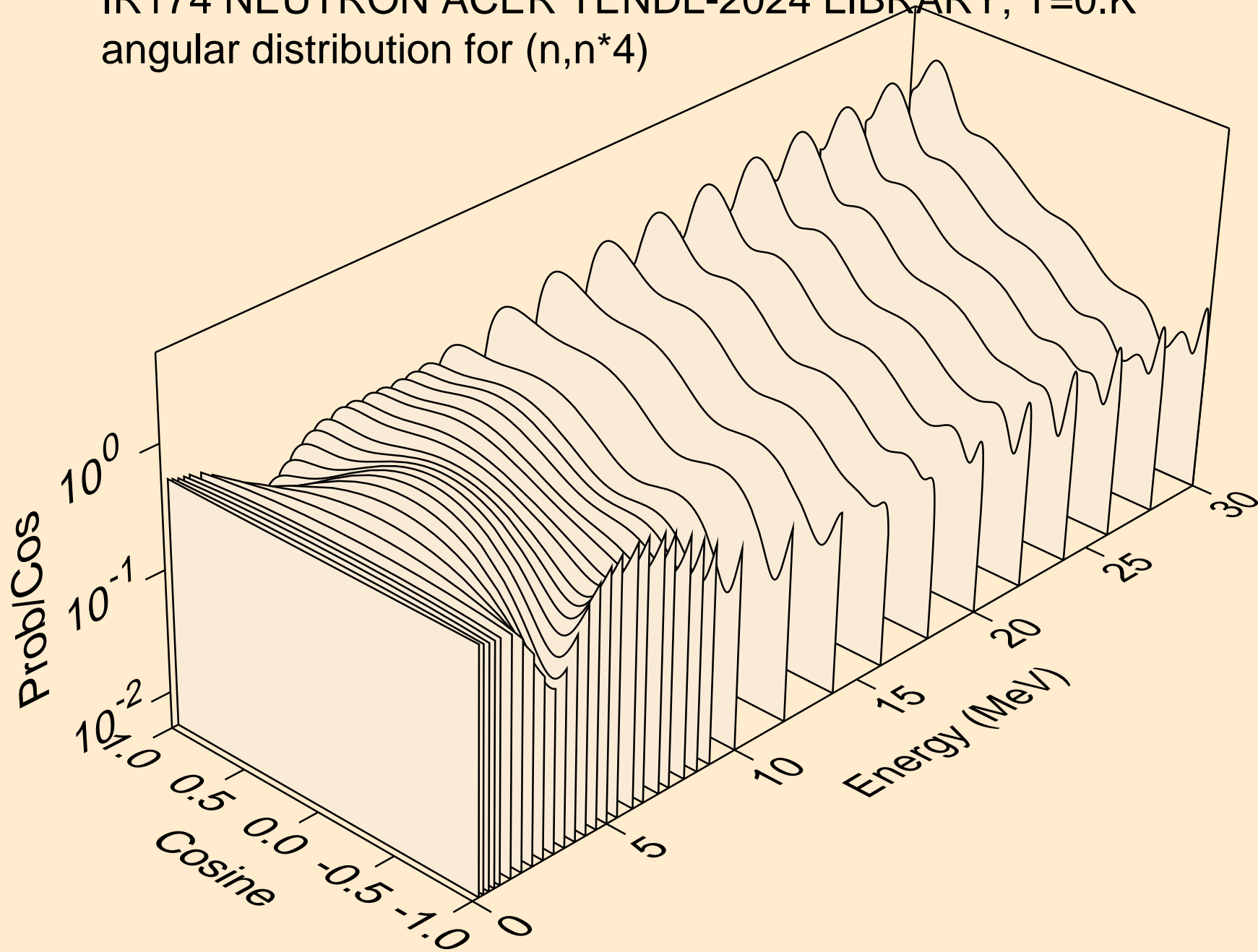
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*2)



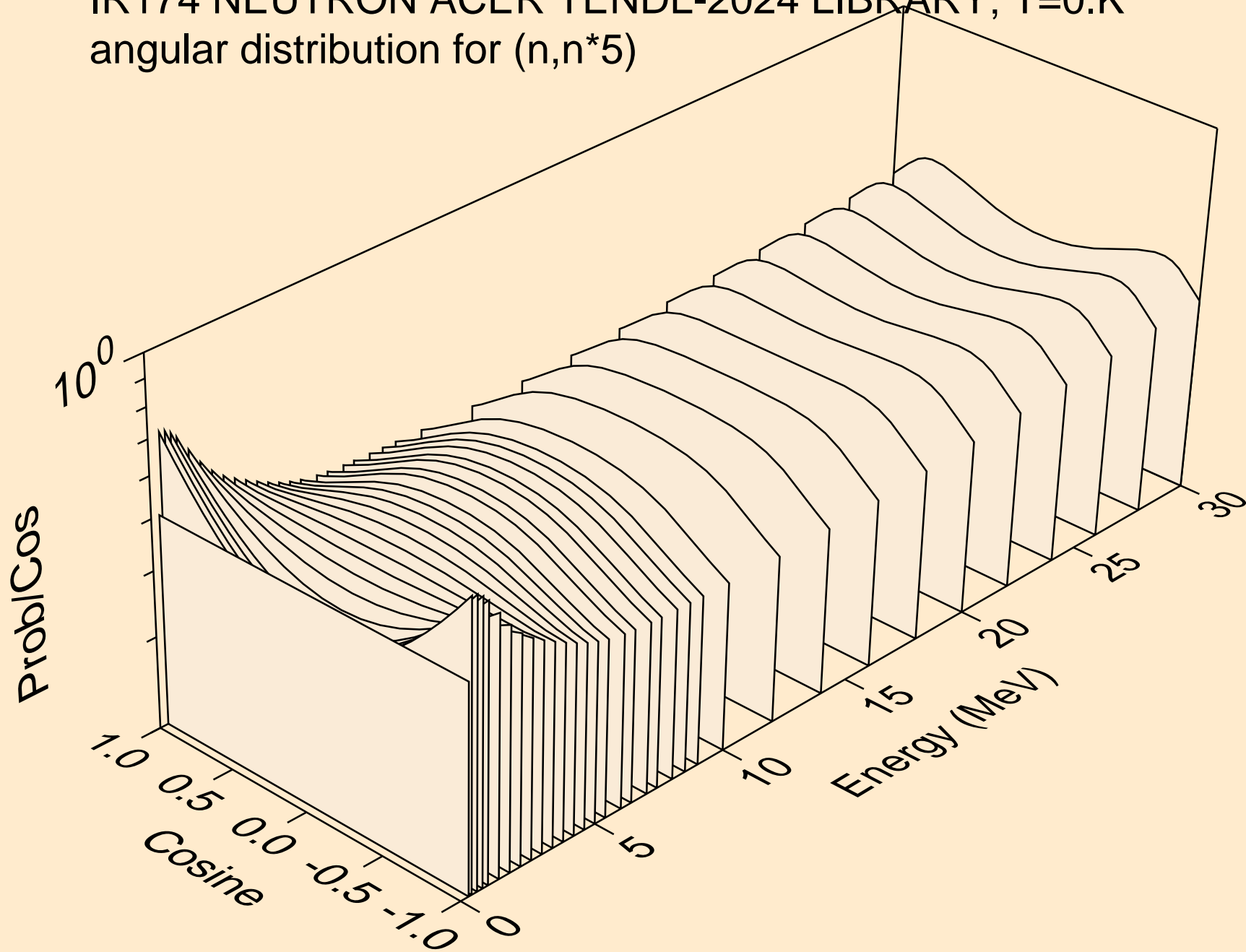
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*3)



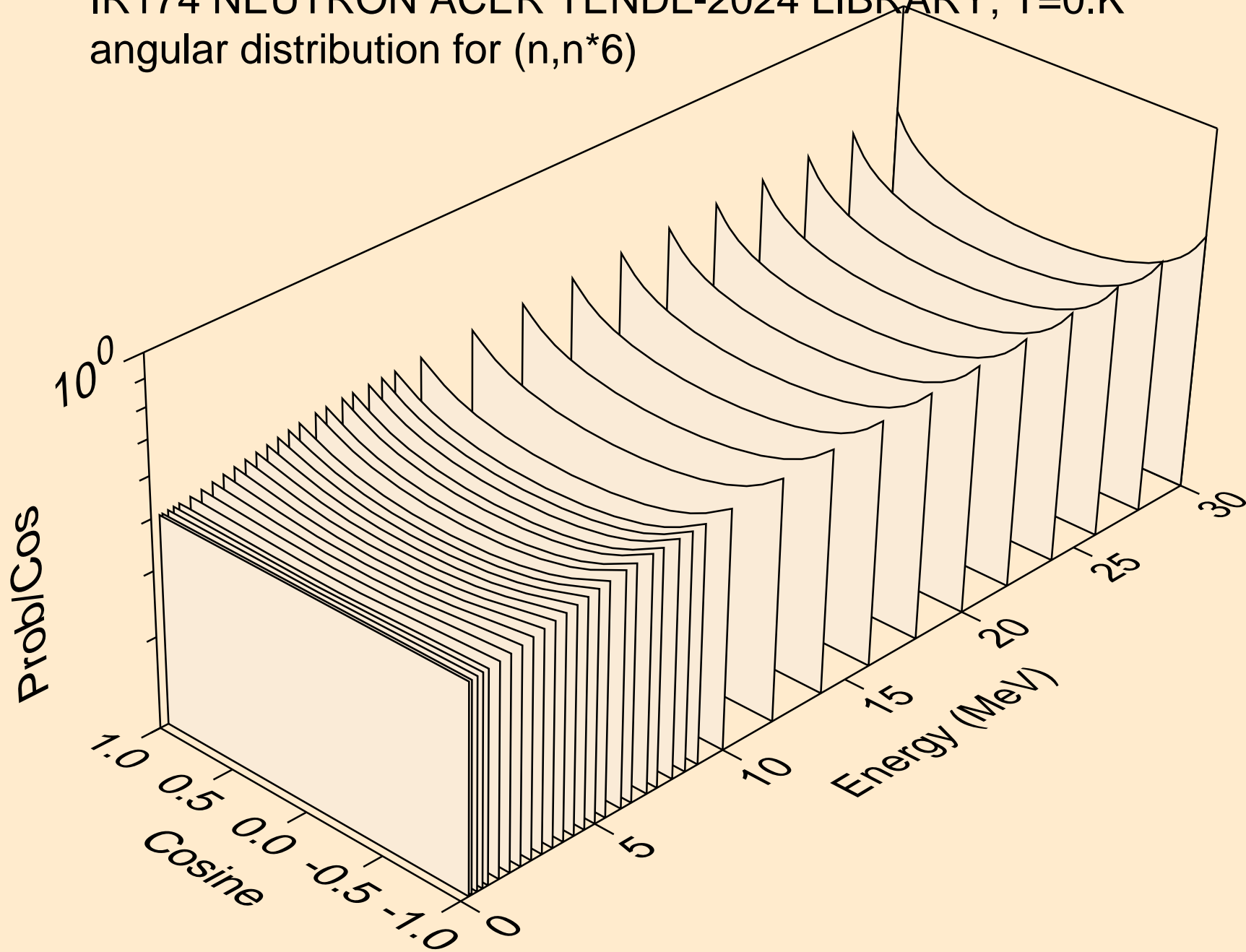
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*4)



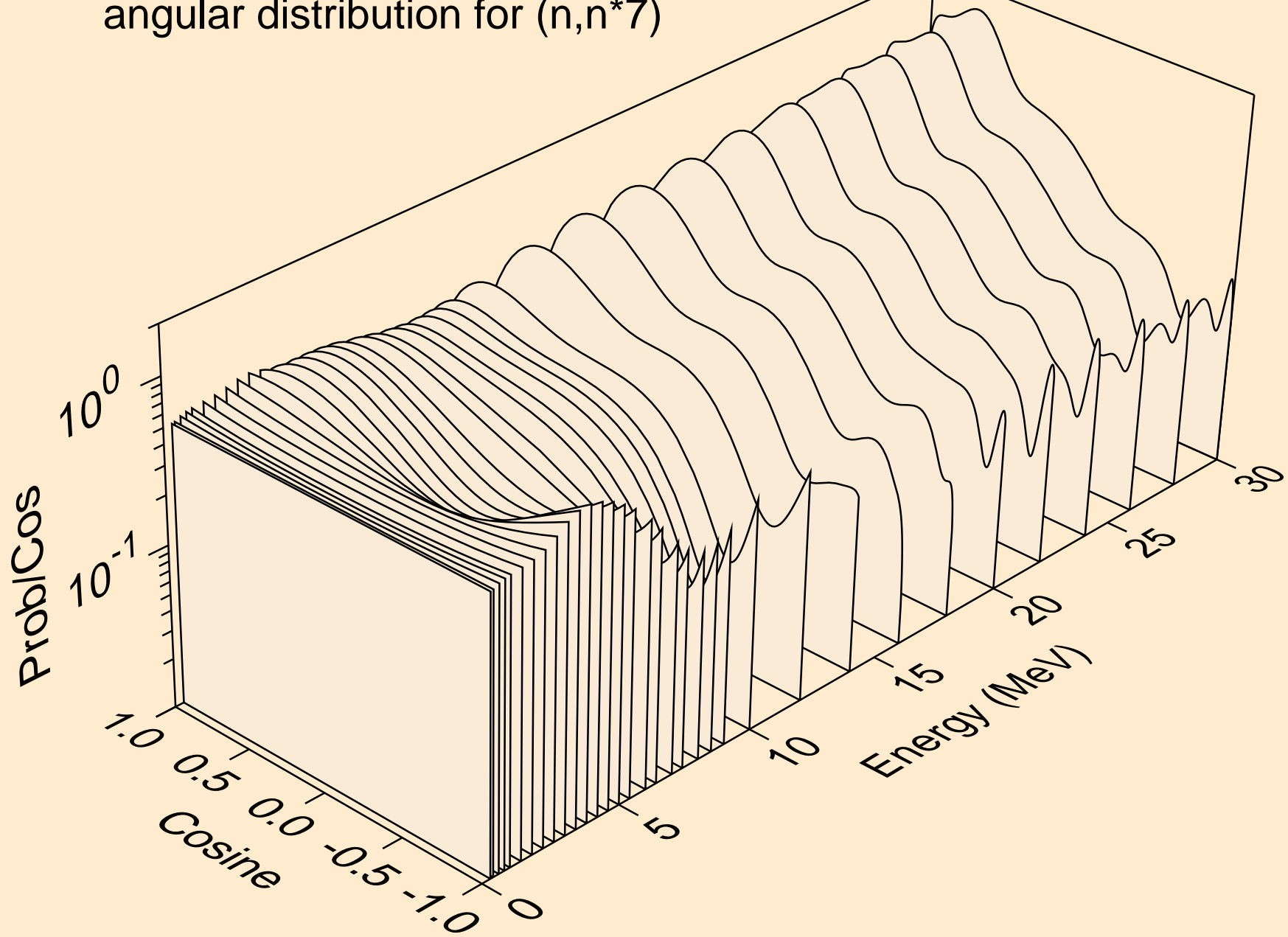
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*5)



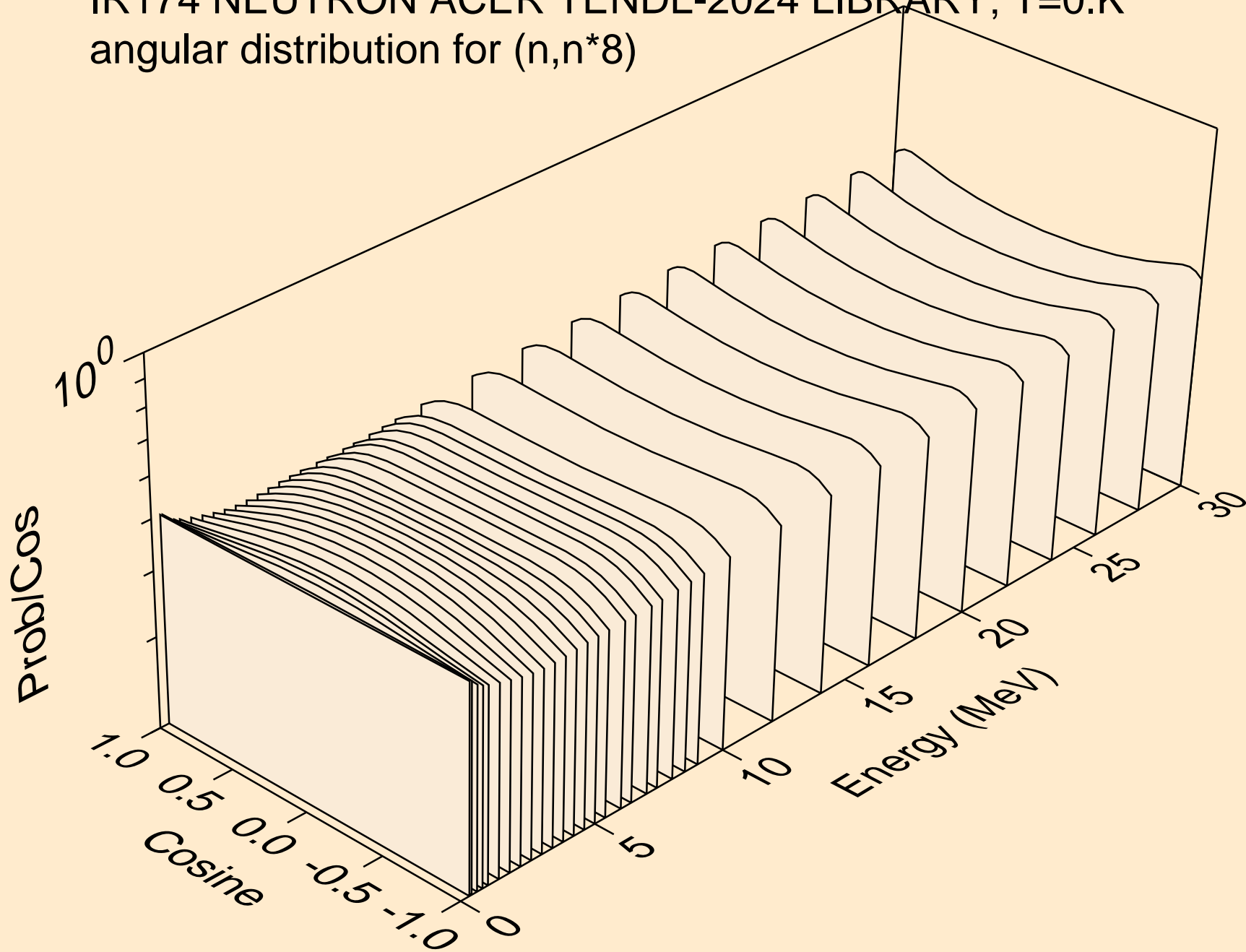
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*6)



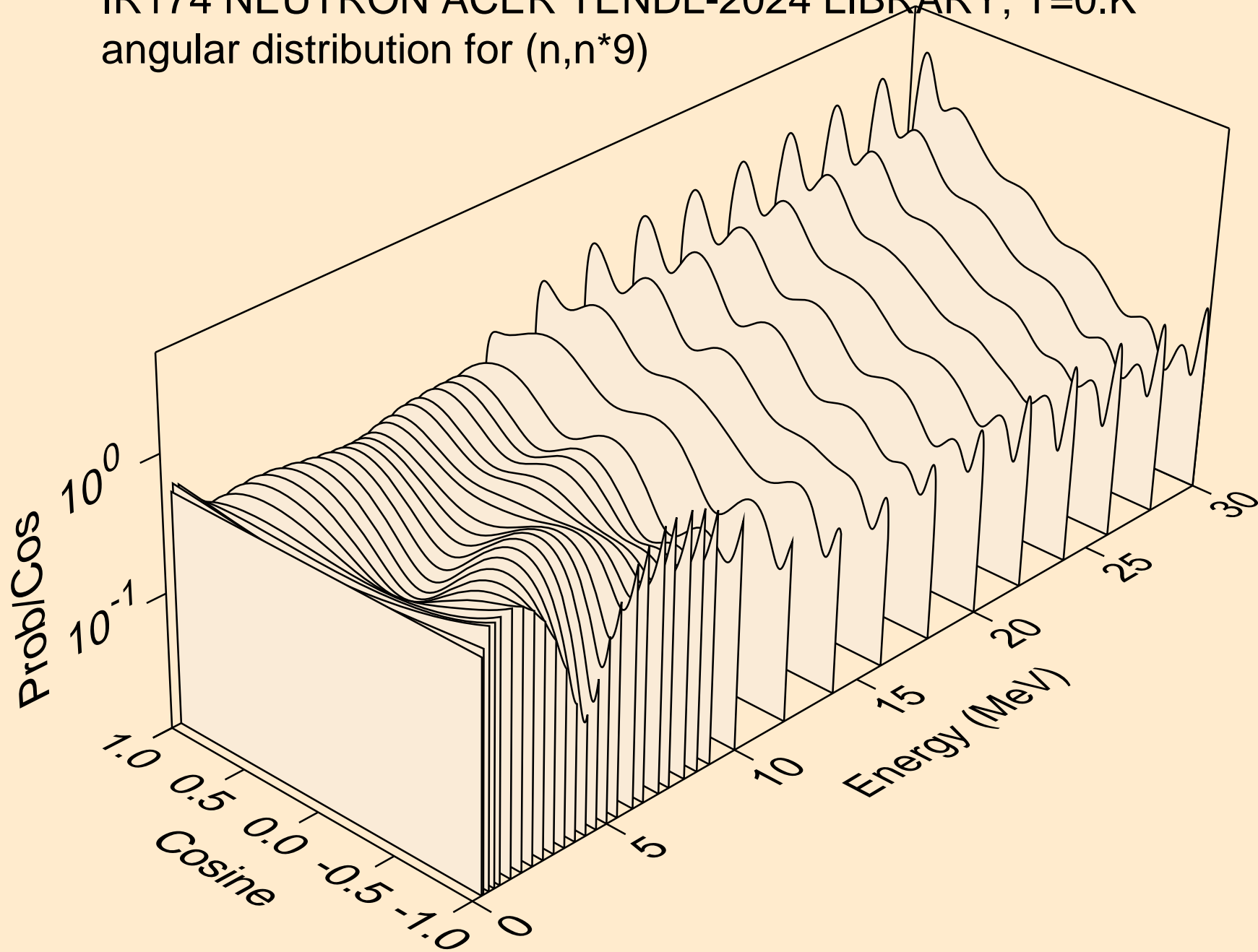
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*7)



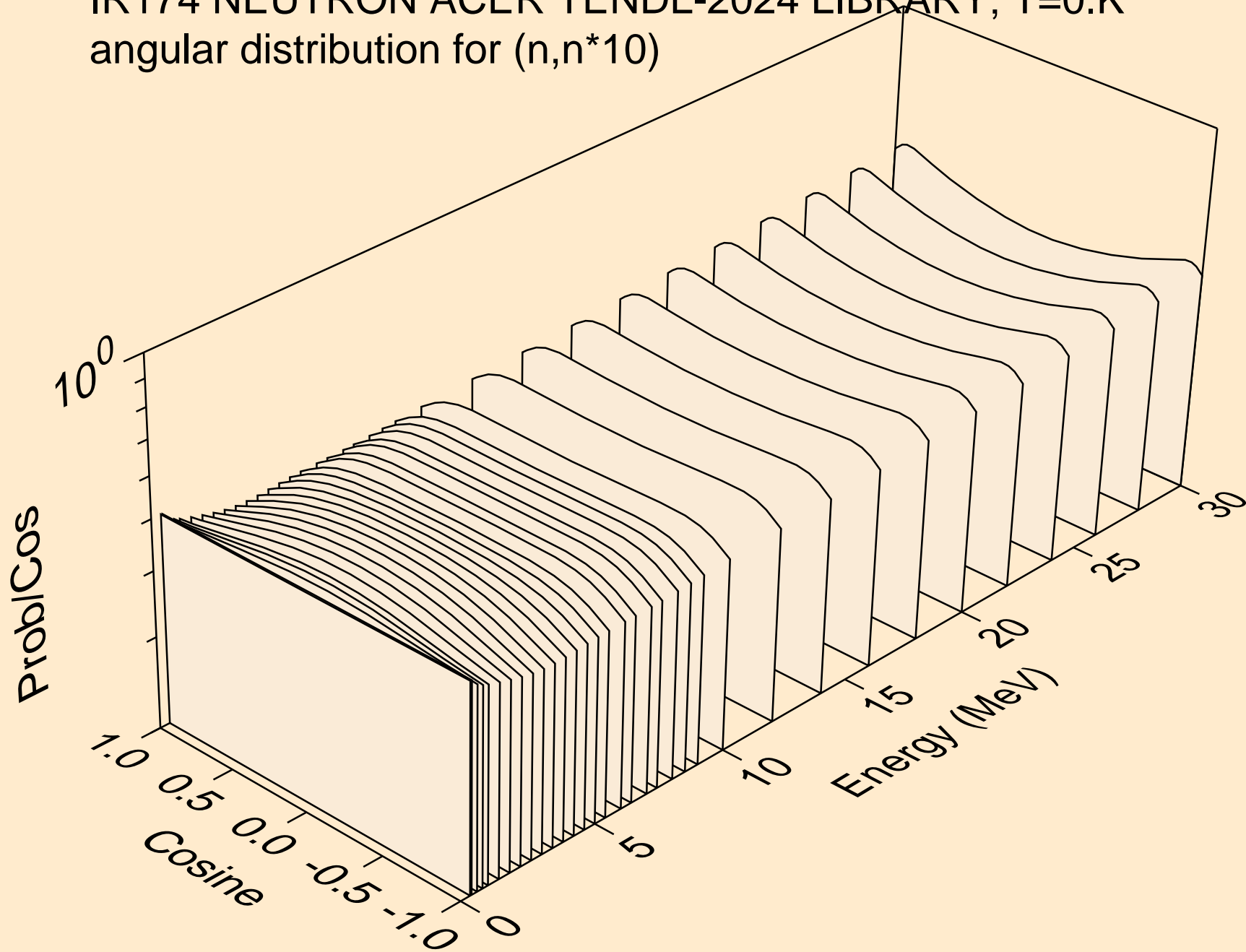
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*8)



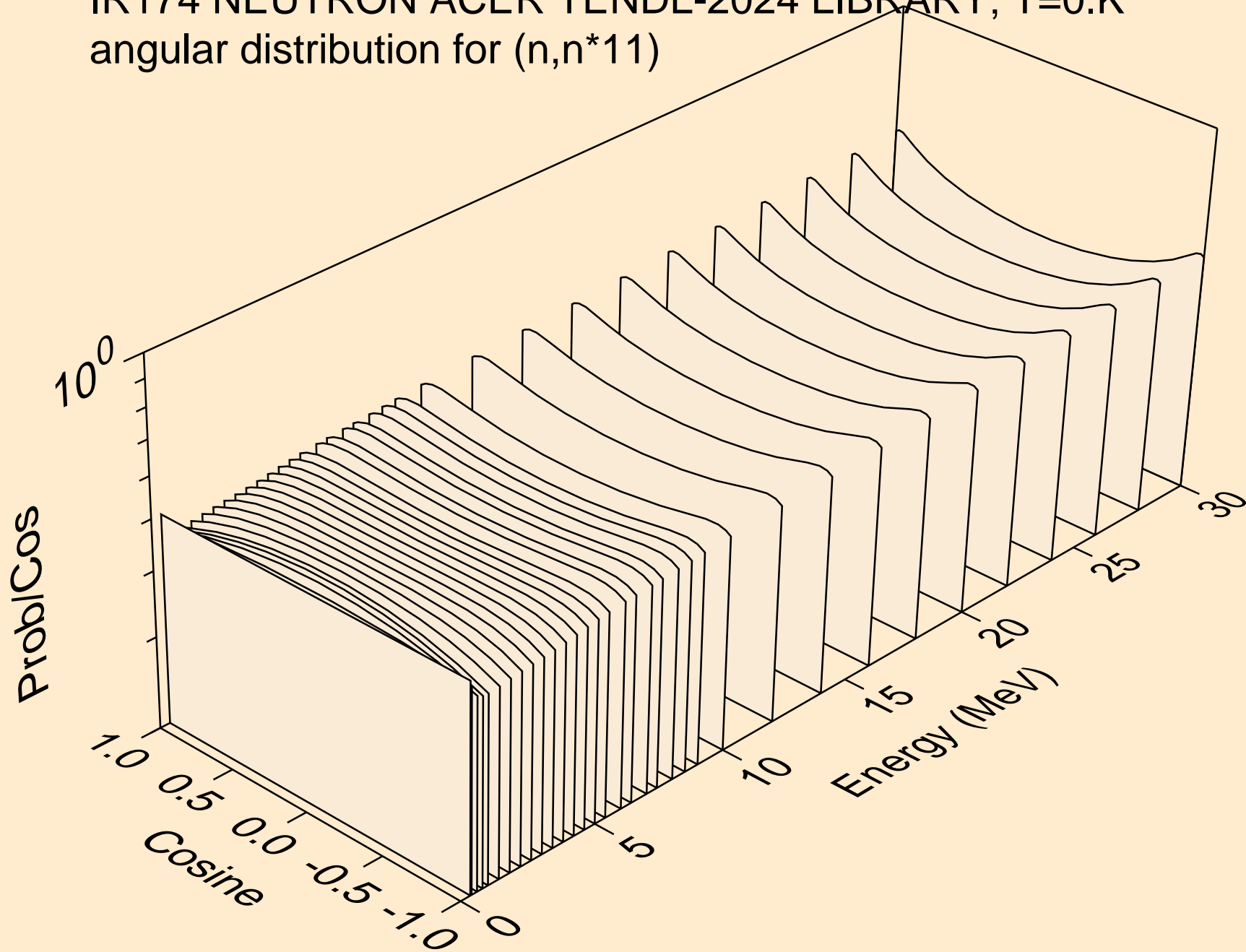
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*9)



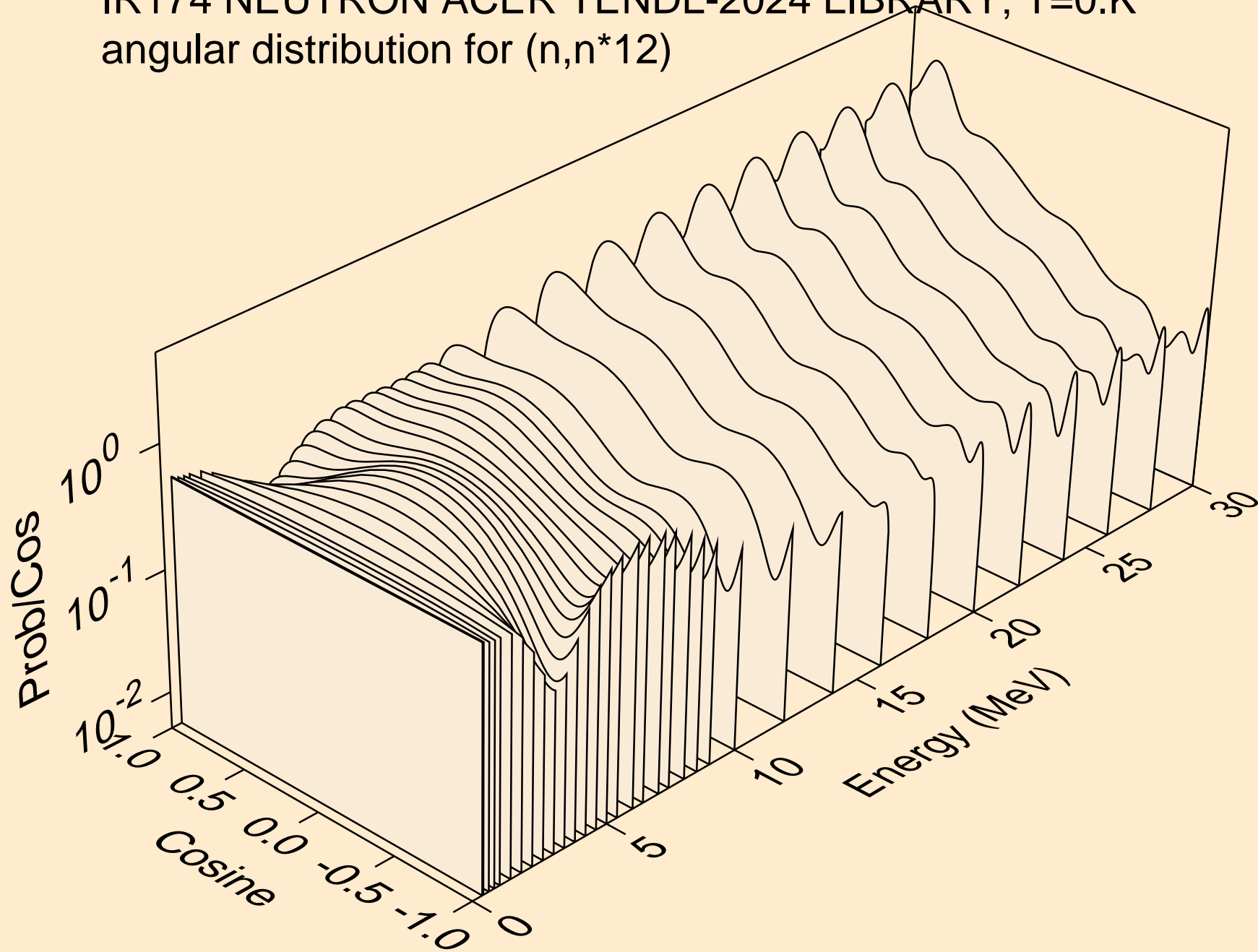
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*10)



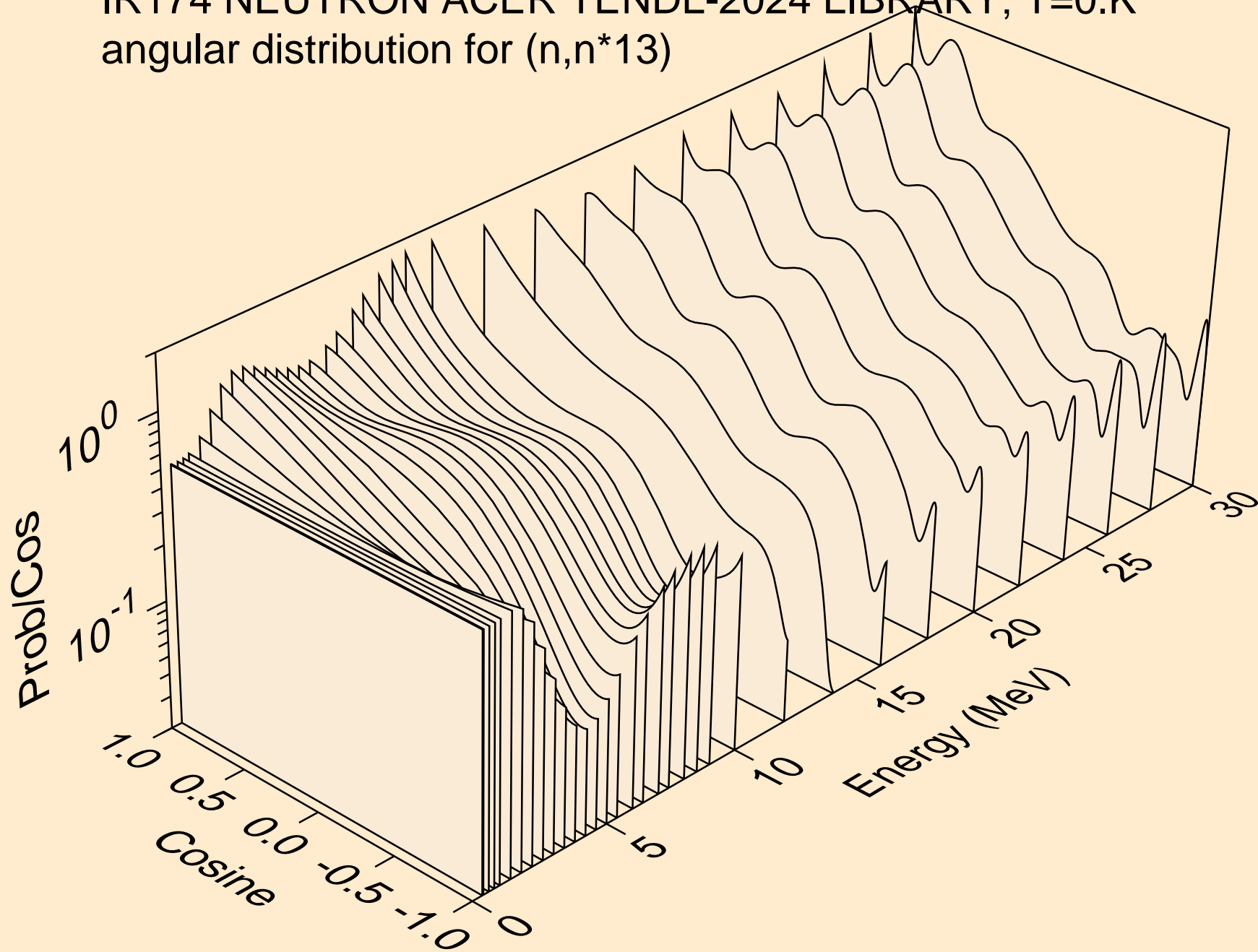
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*11)



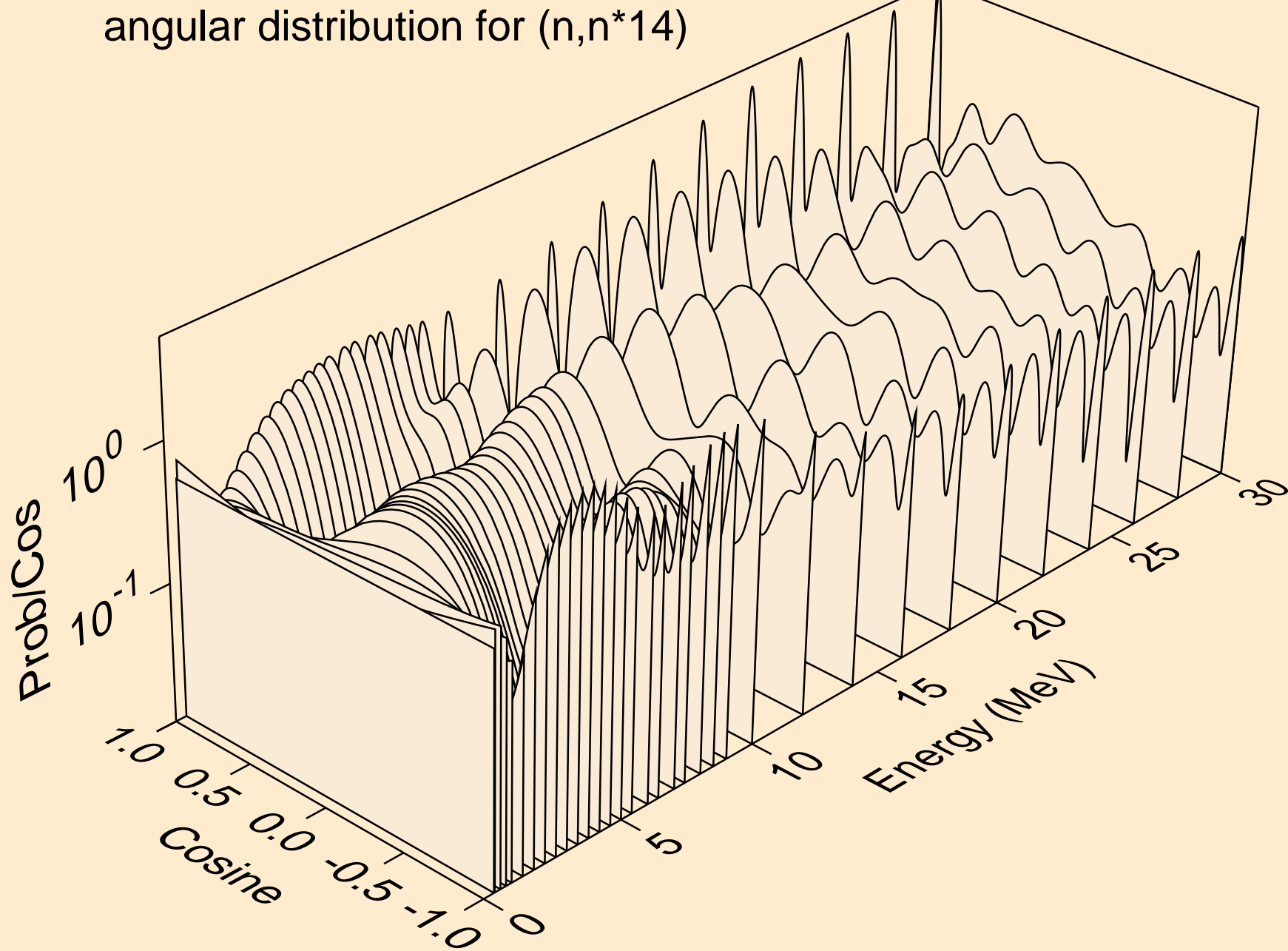
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*12)



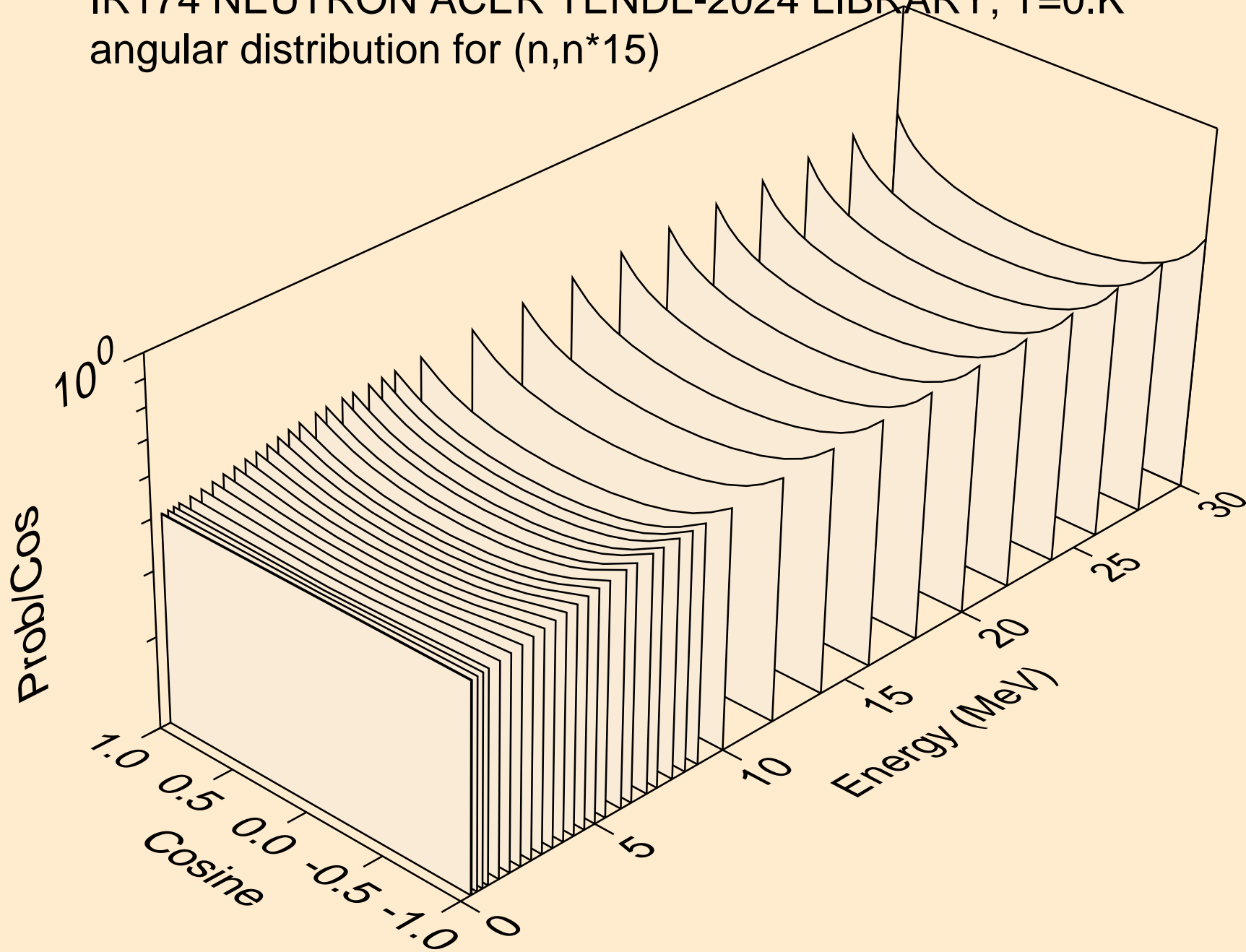
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*13)



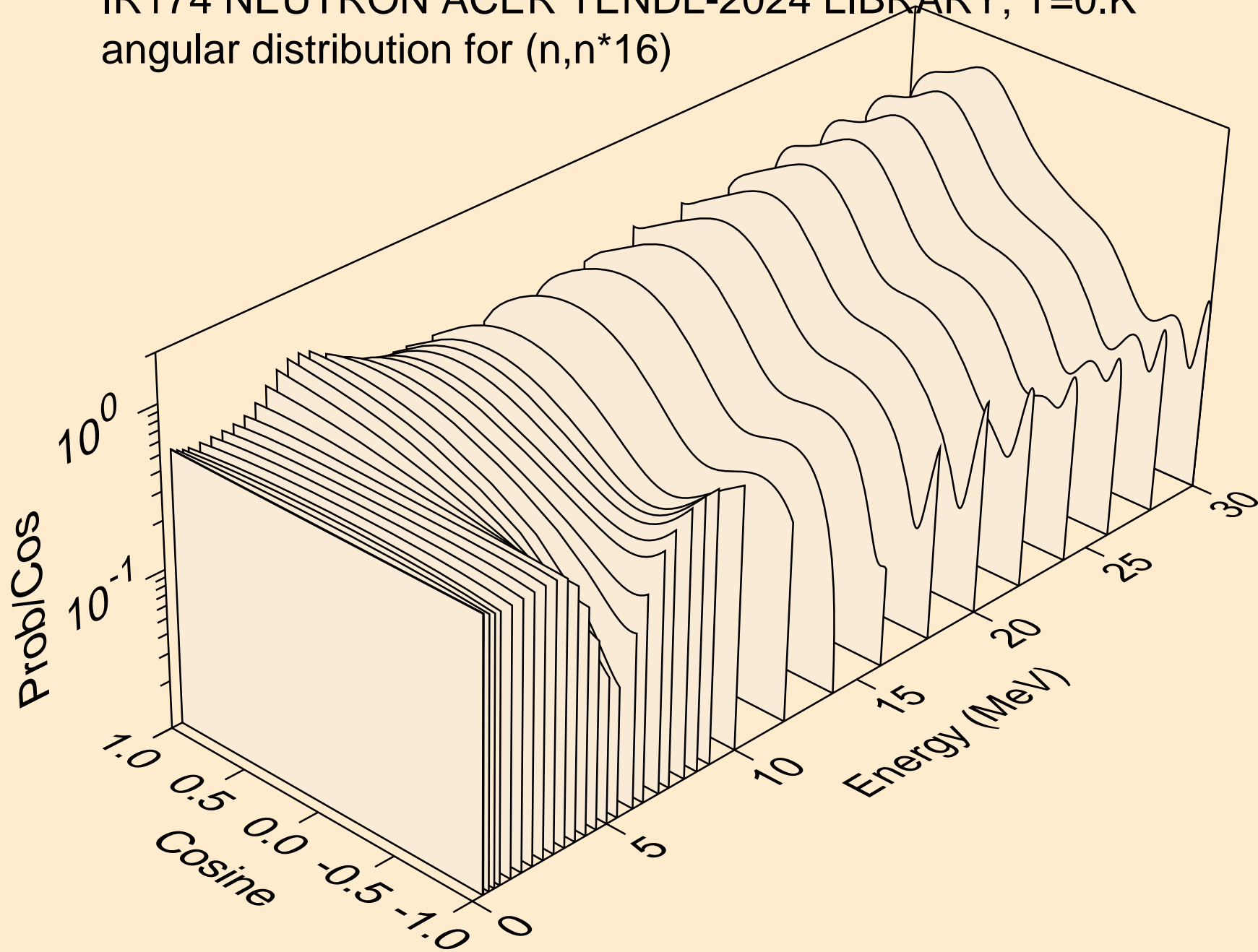
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*14)



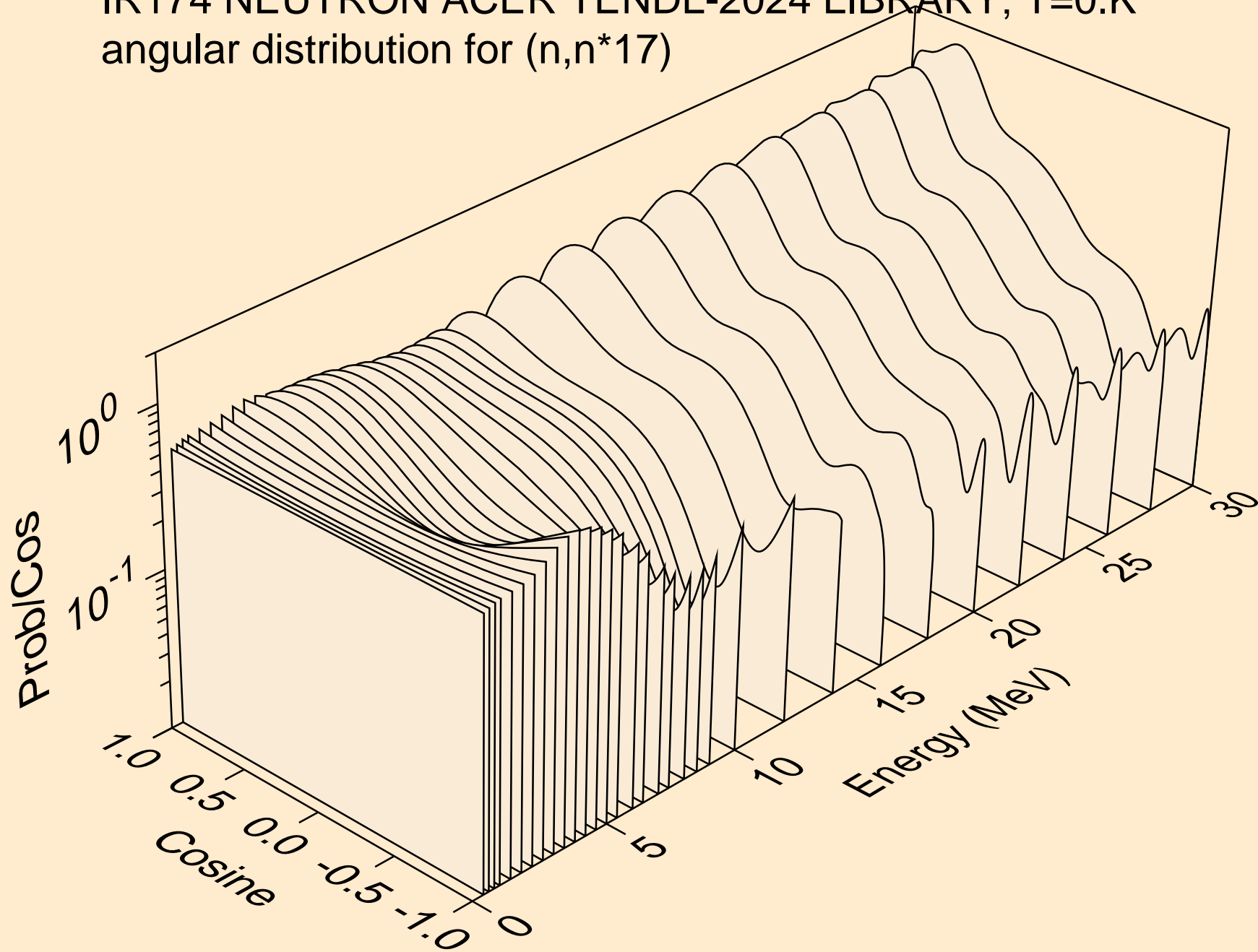
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*15)



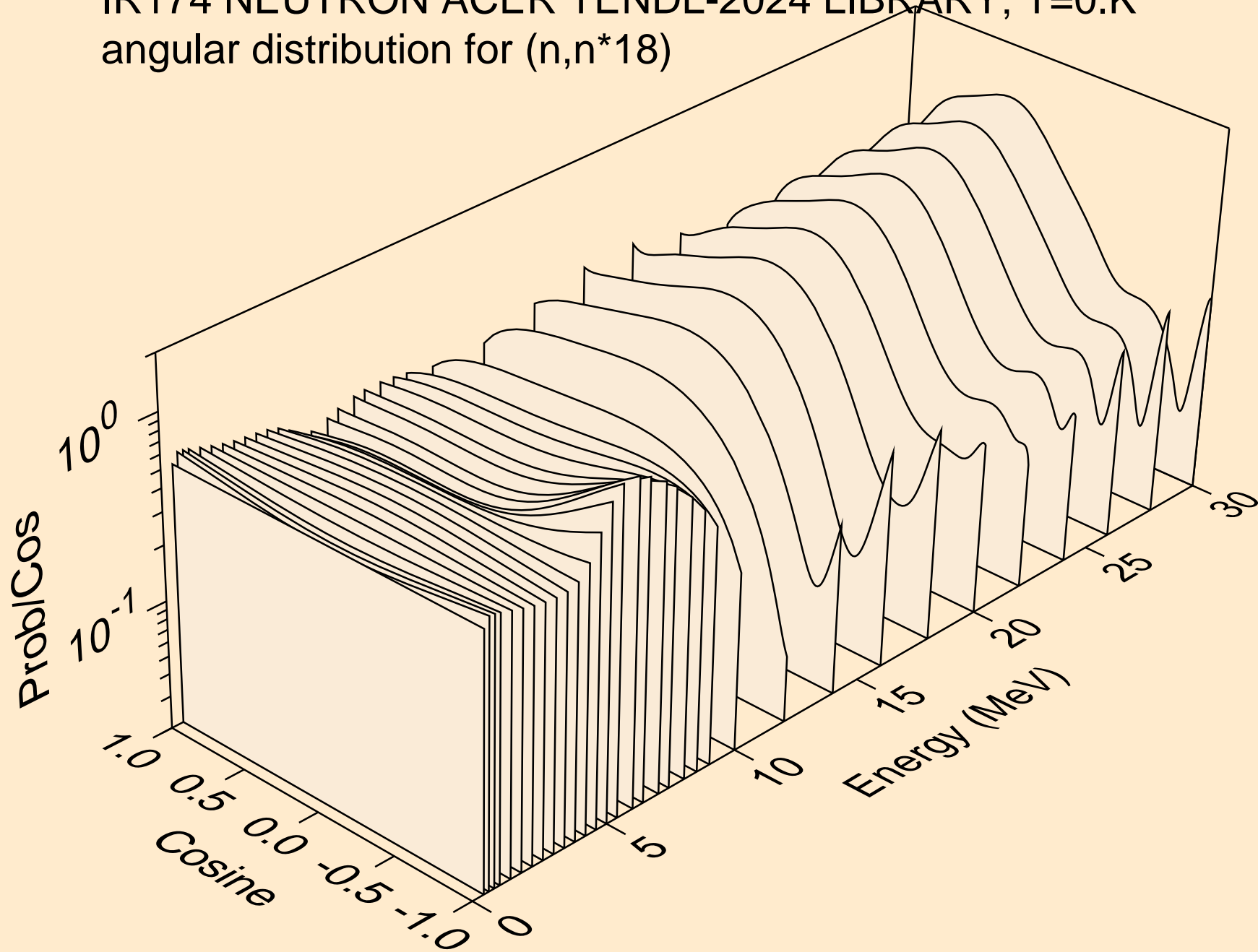
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*16)



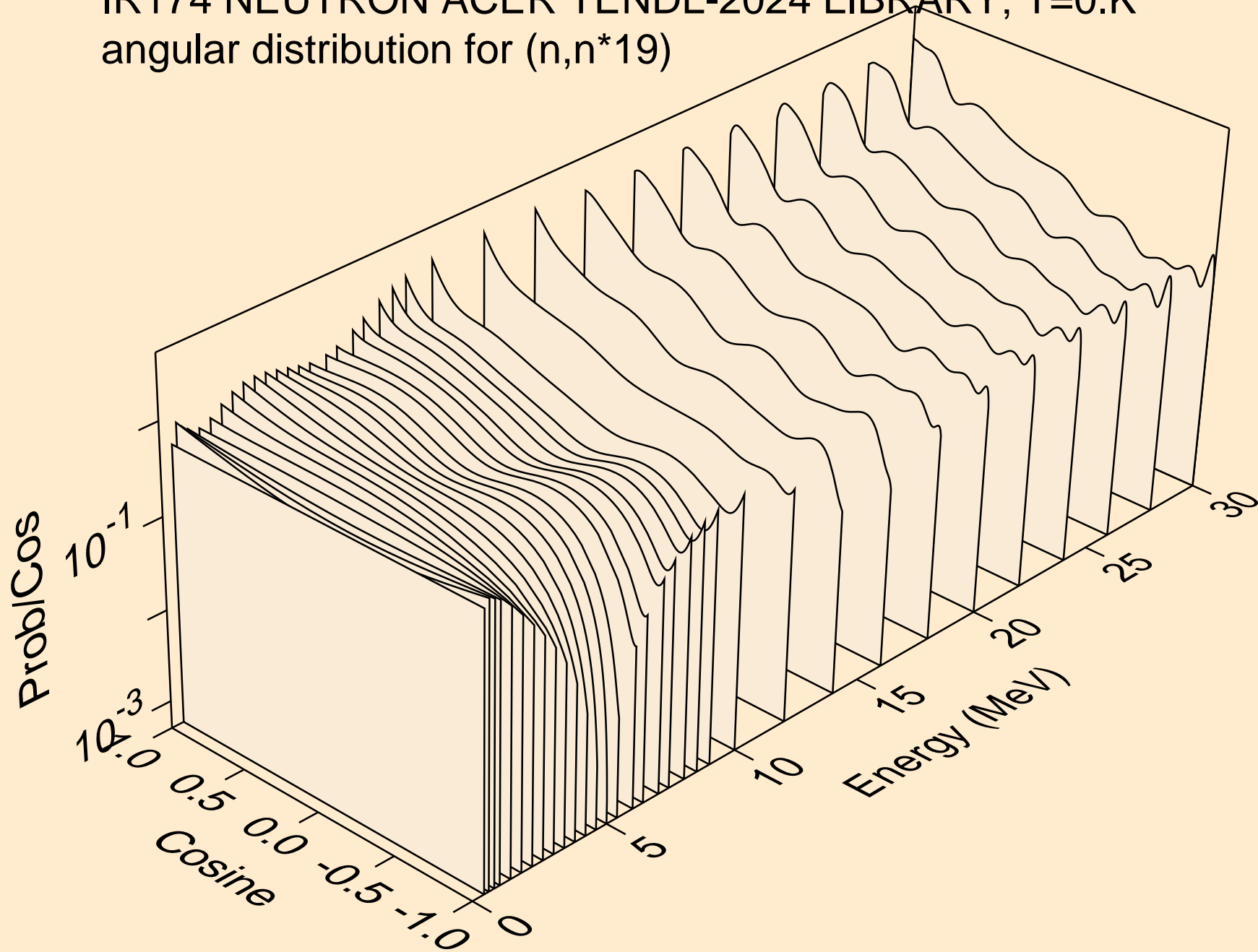
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*17)



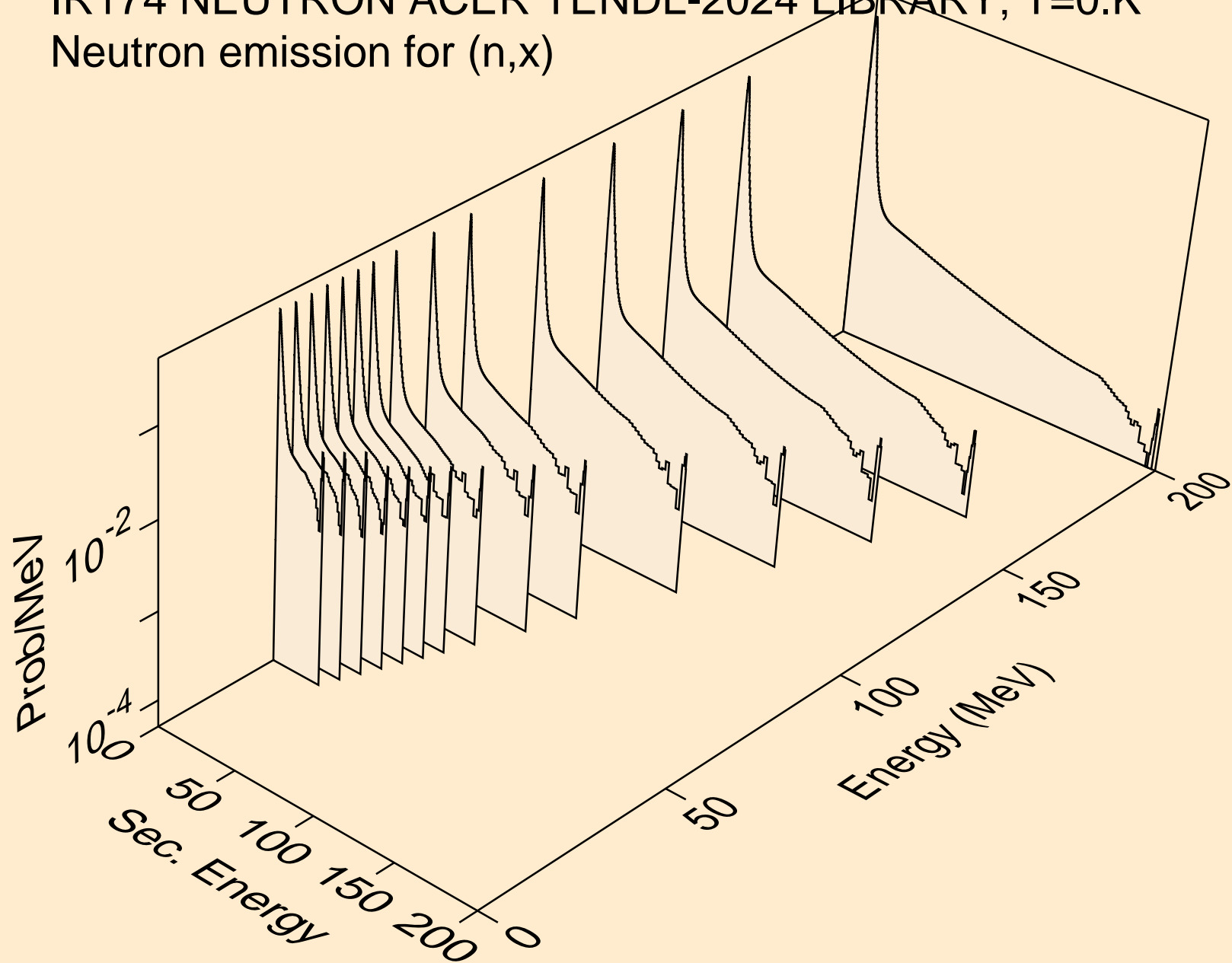
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*18)



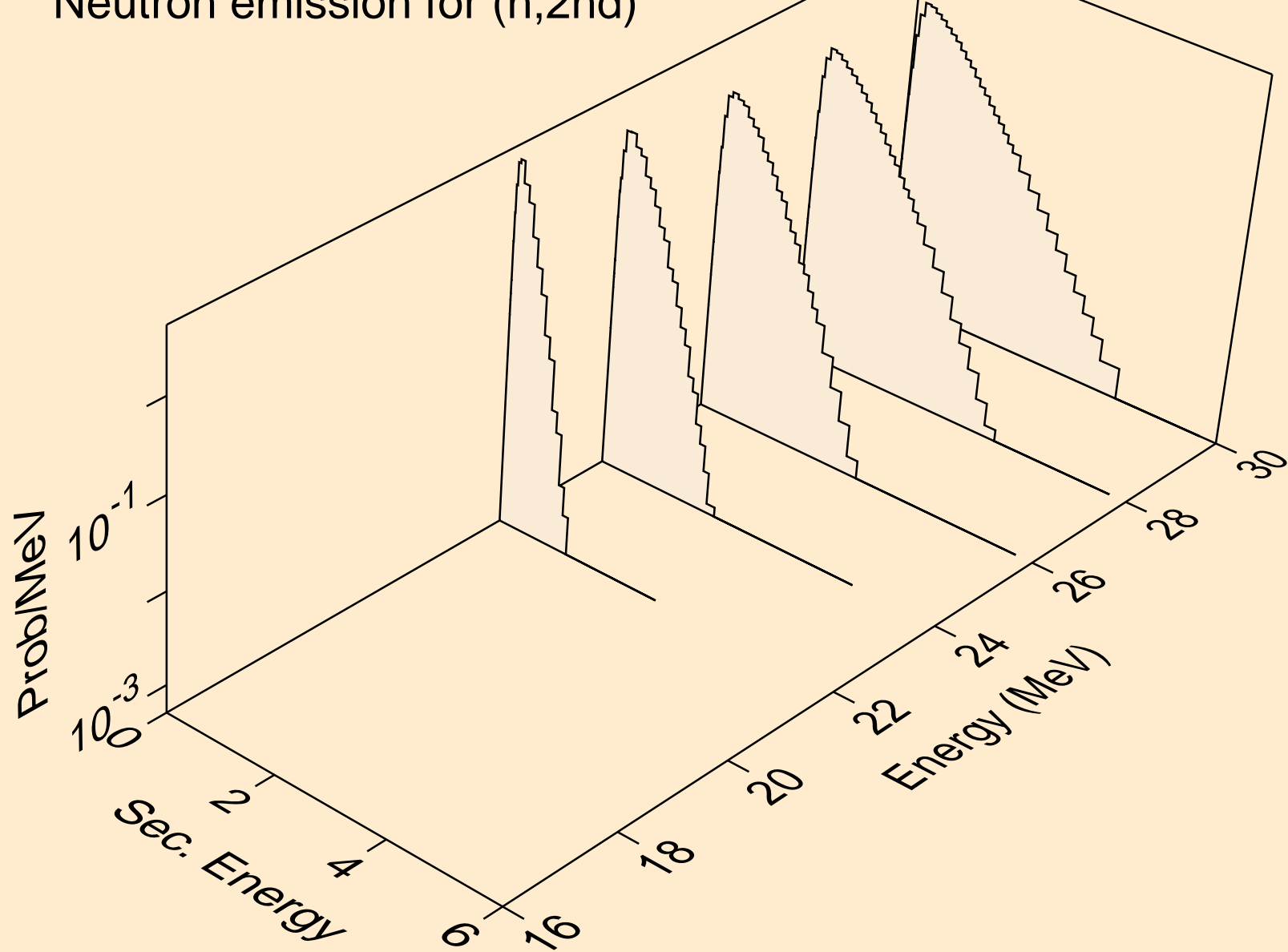
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*19)



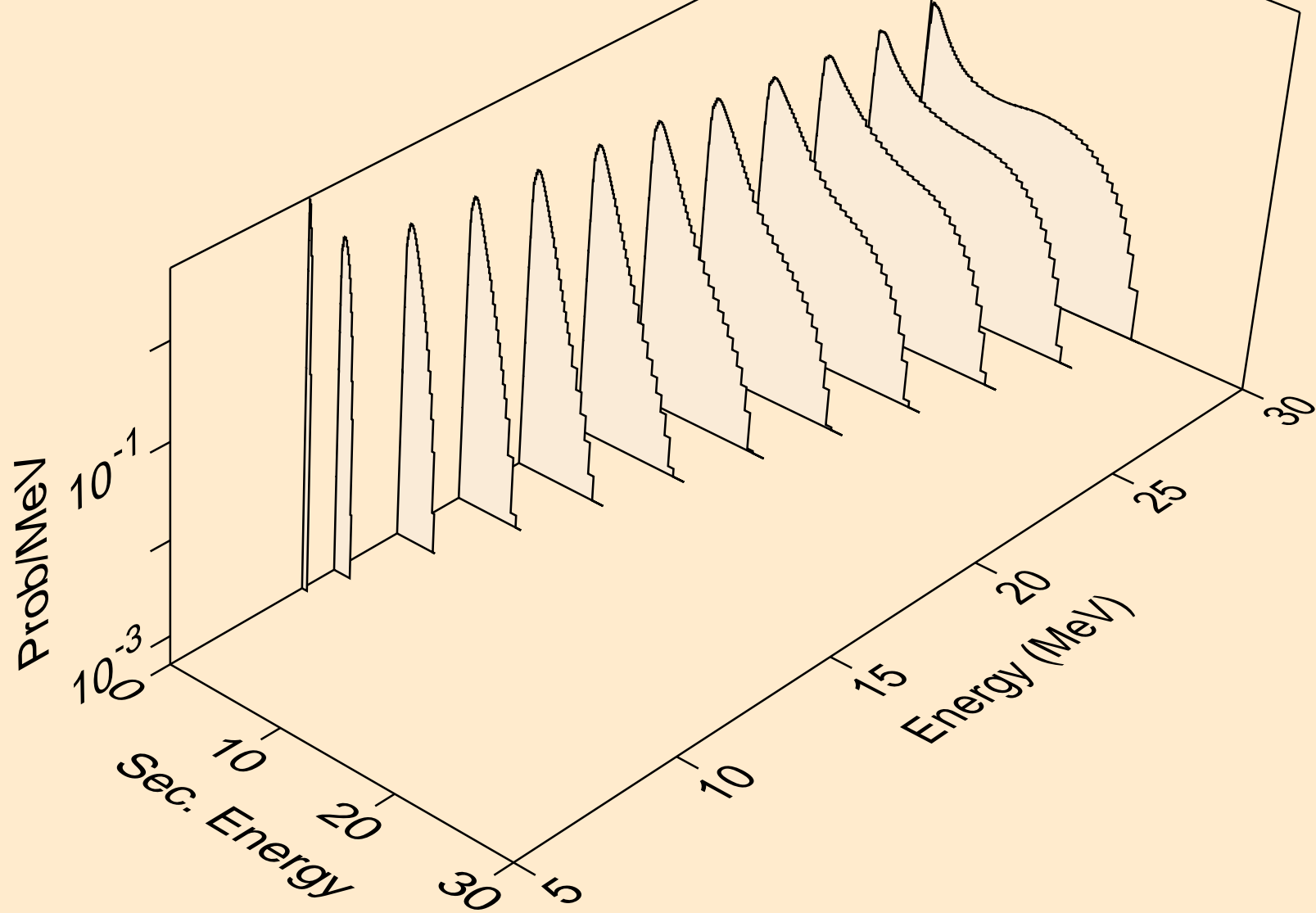
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,x)



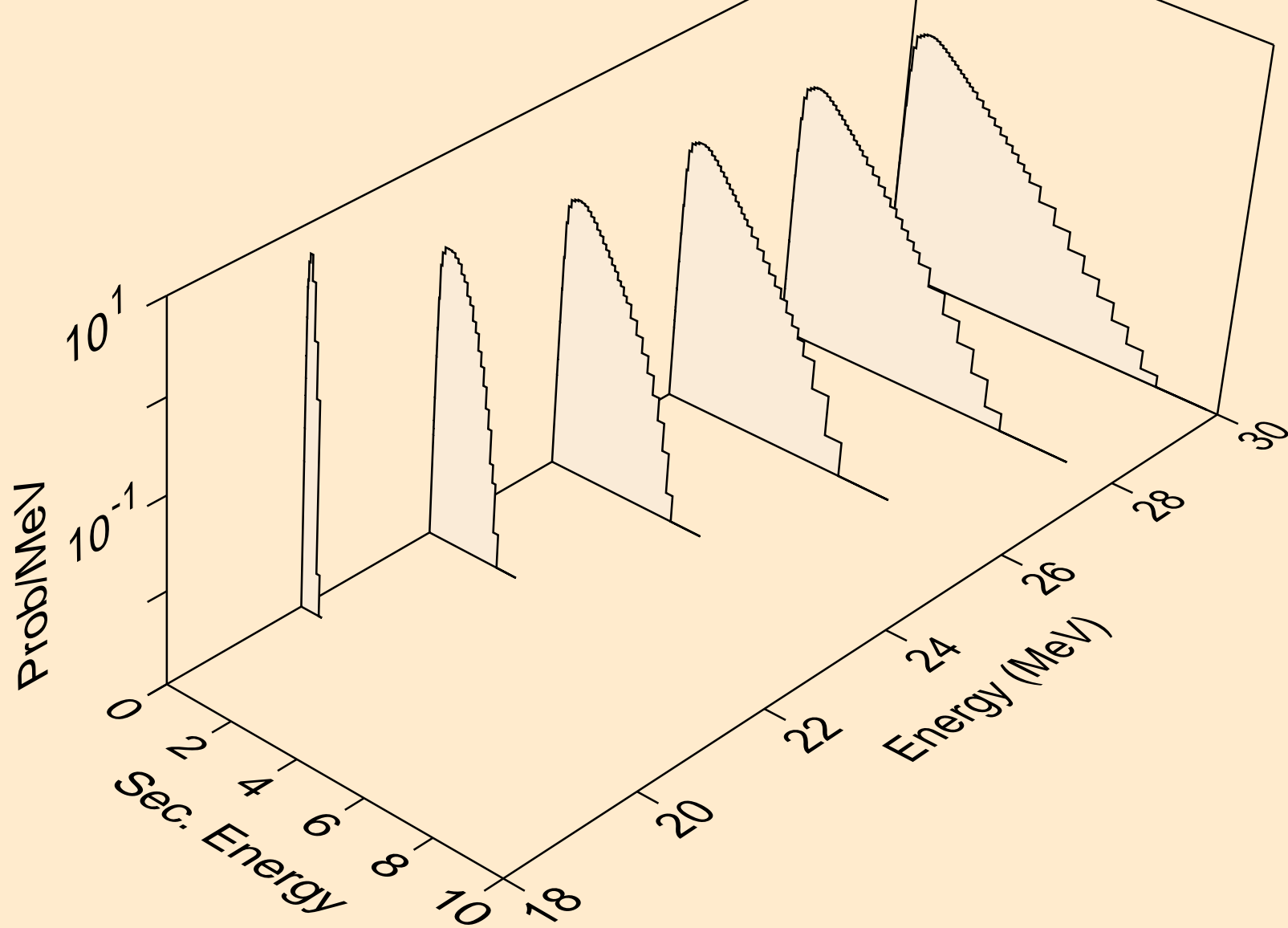
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2nd)



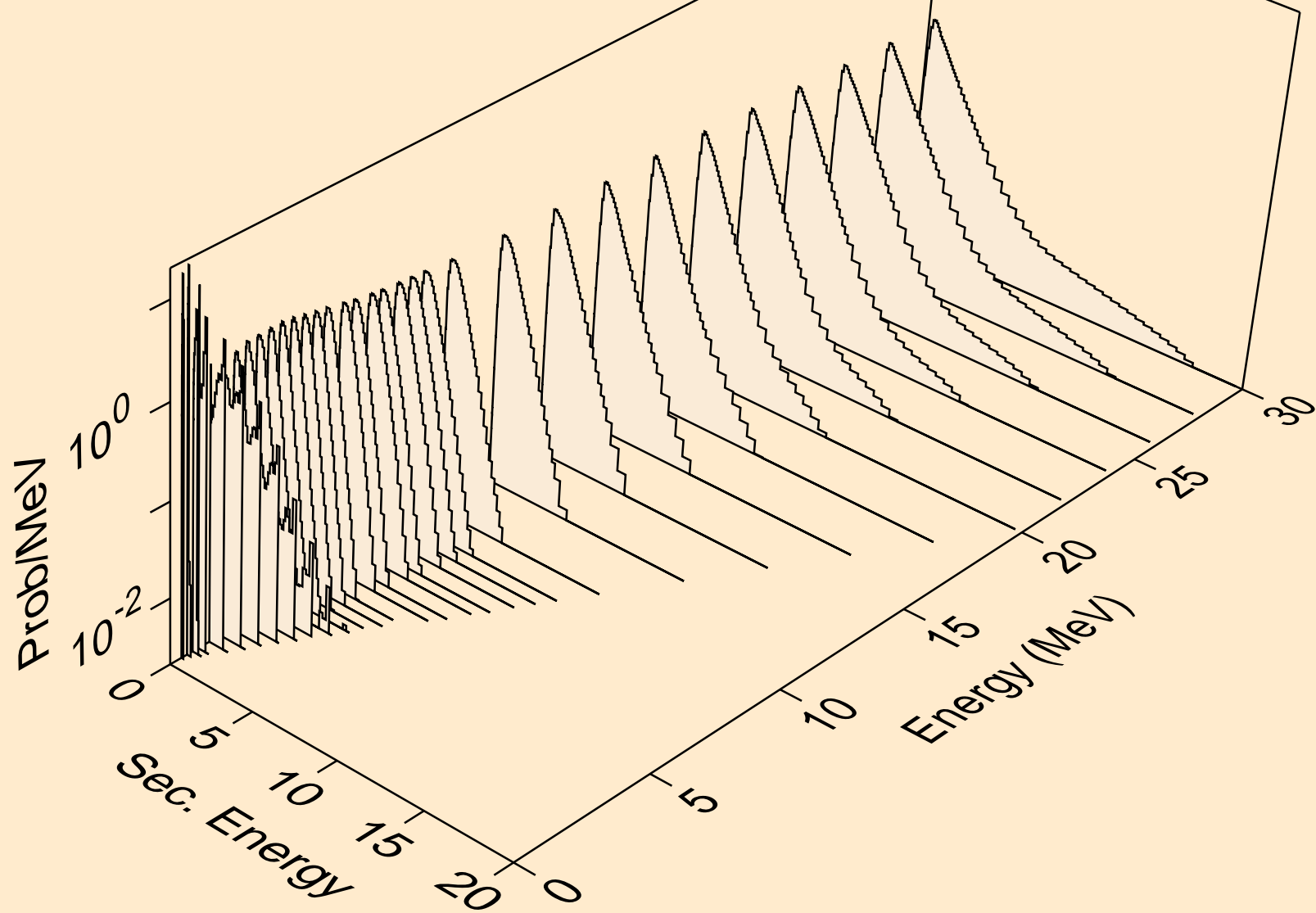
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)



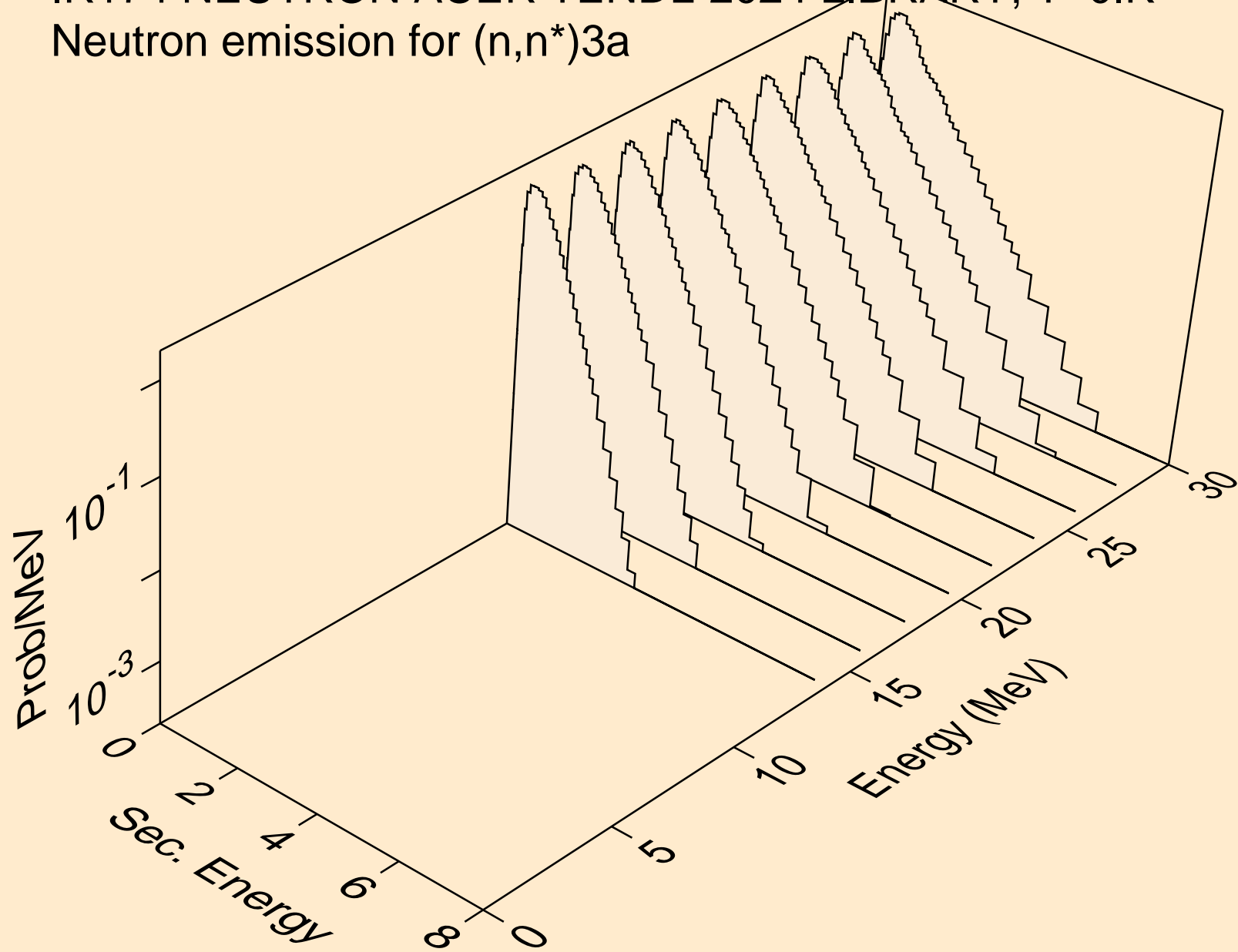
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)



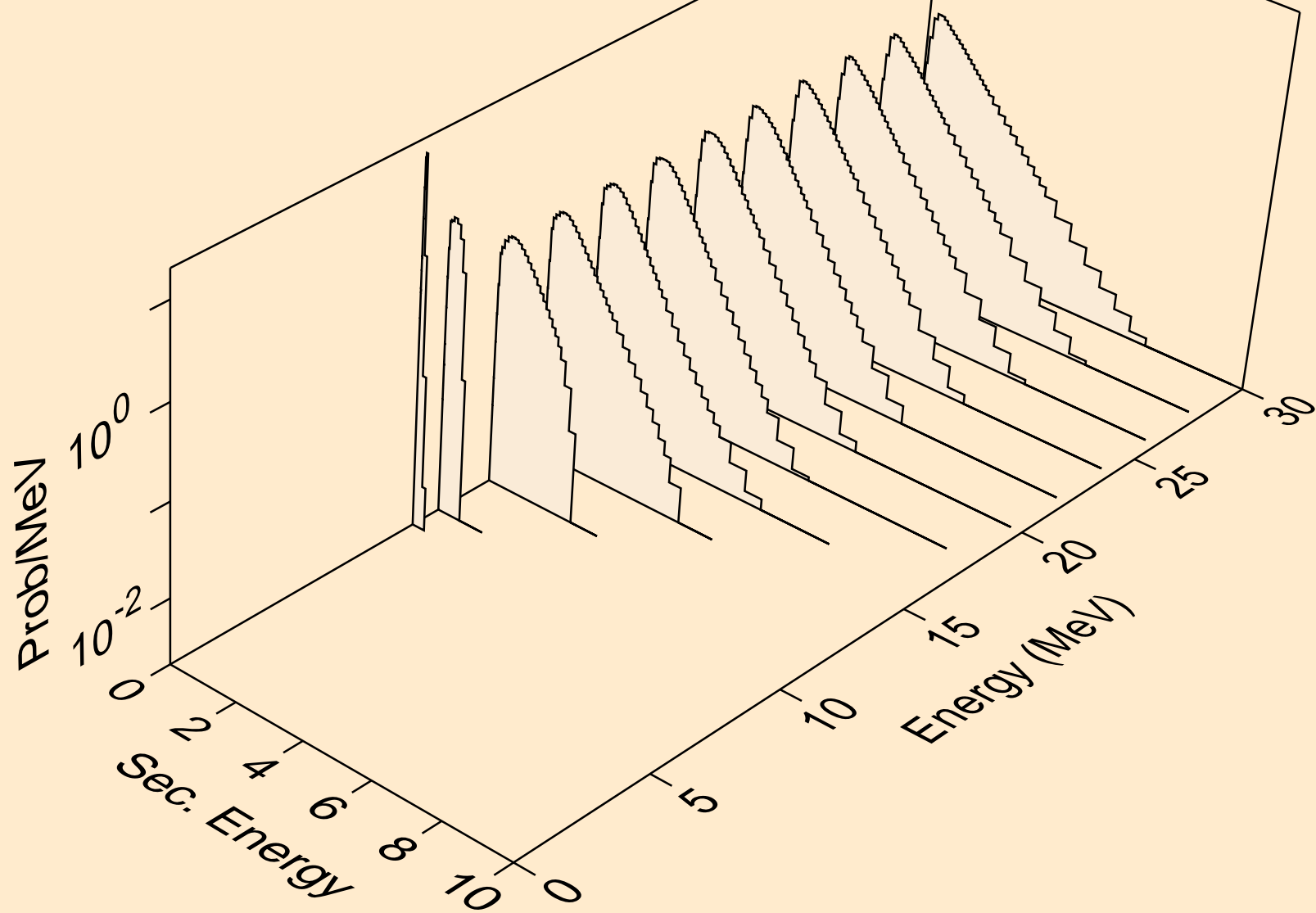
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)a



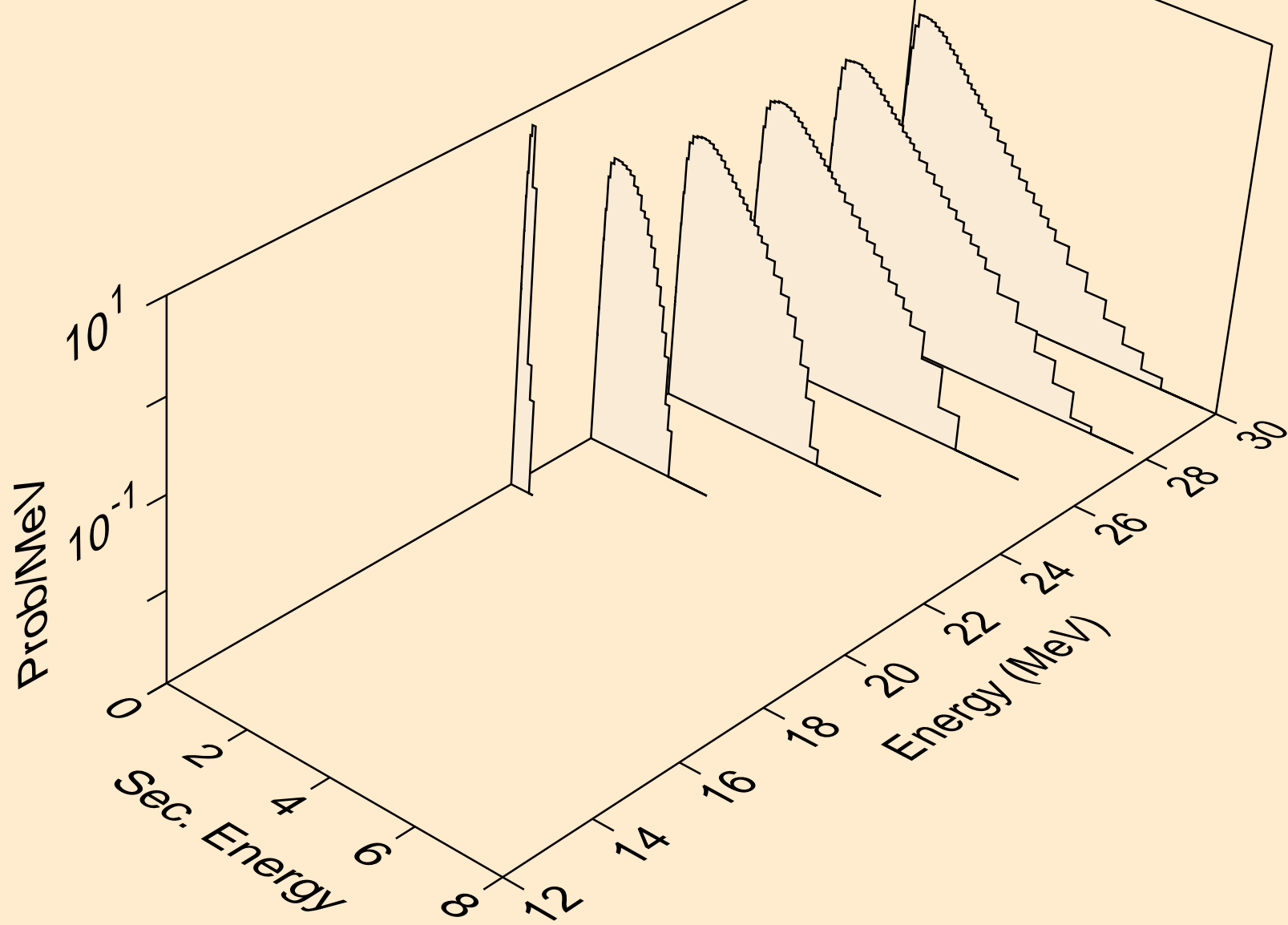
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)3a



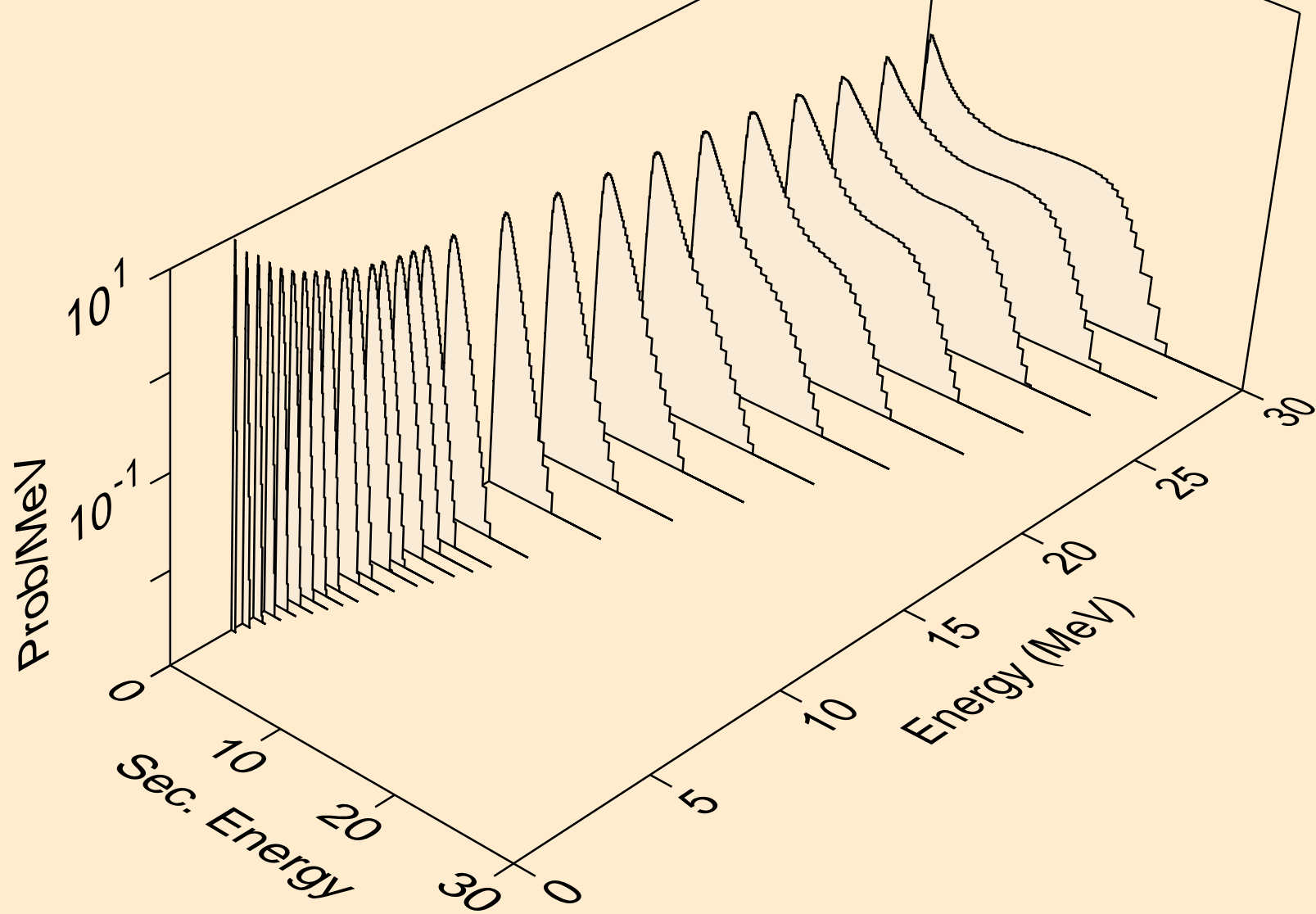
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)a



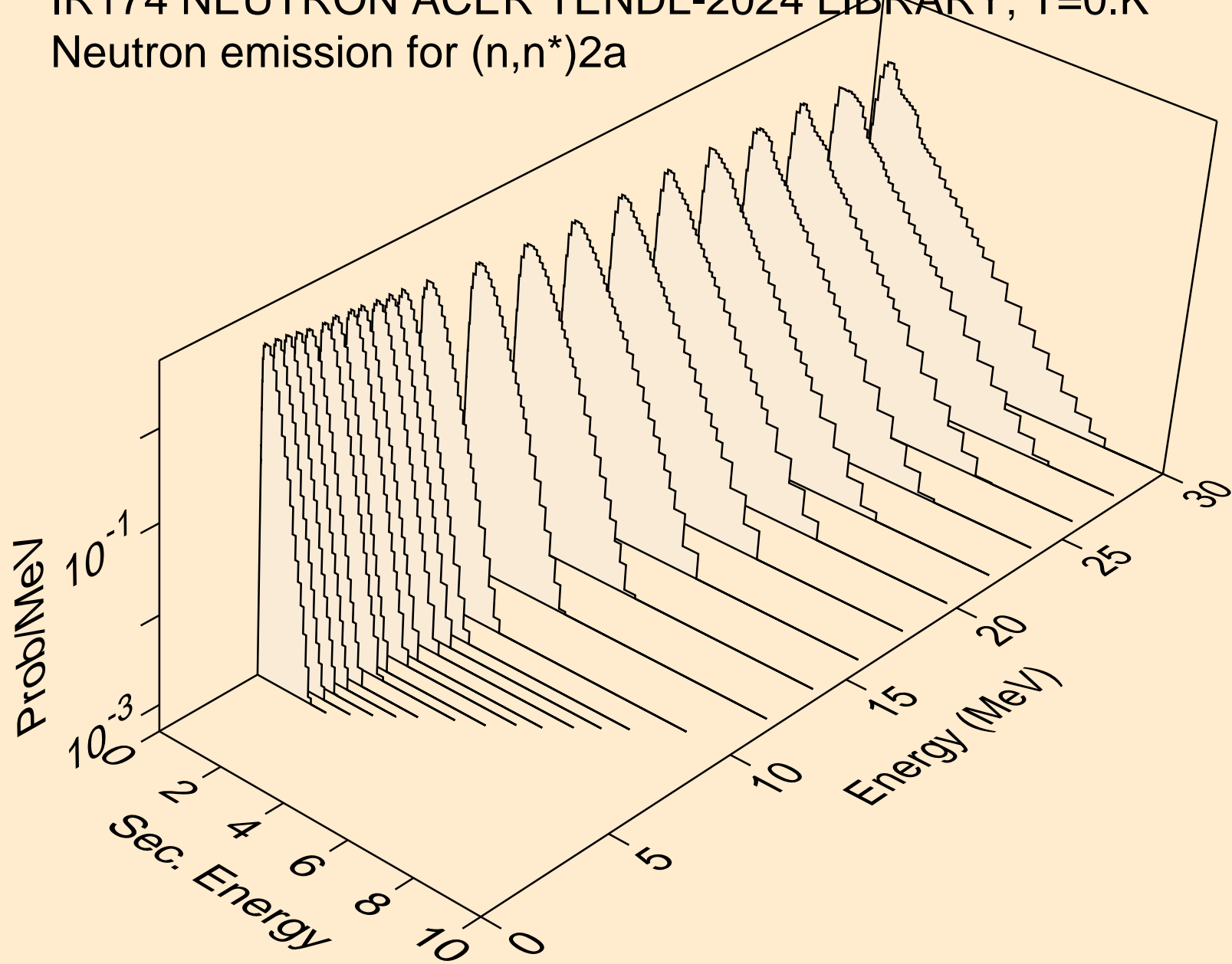
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)a



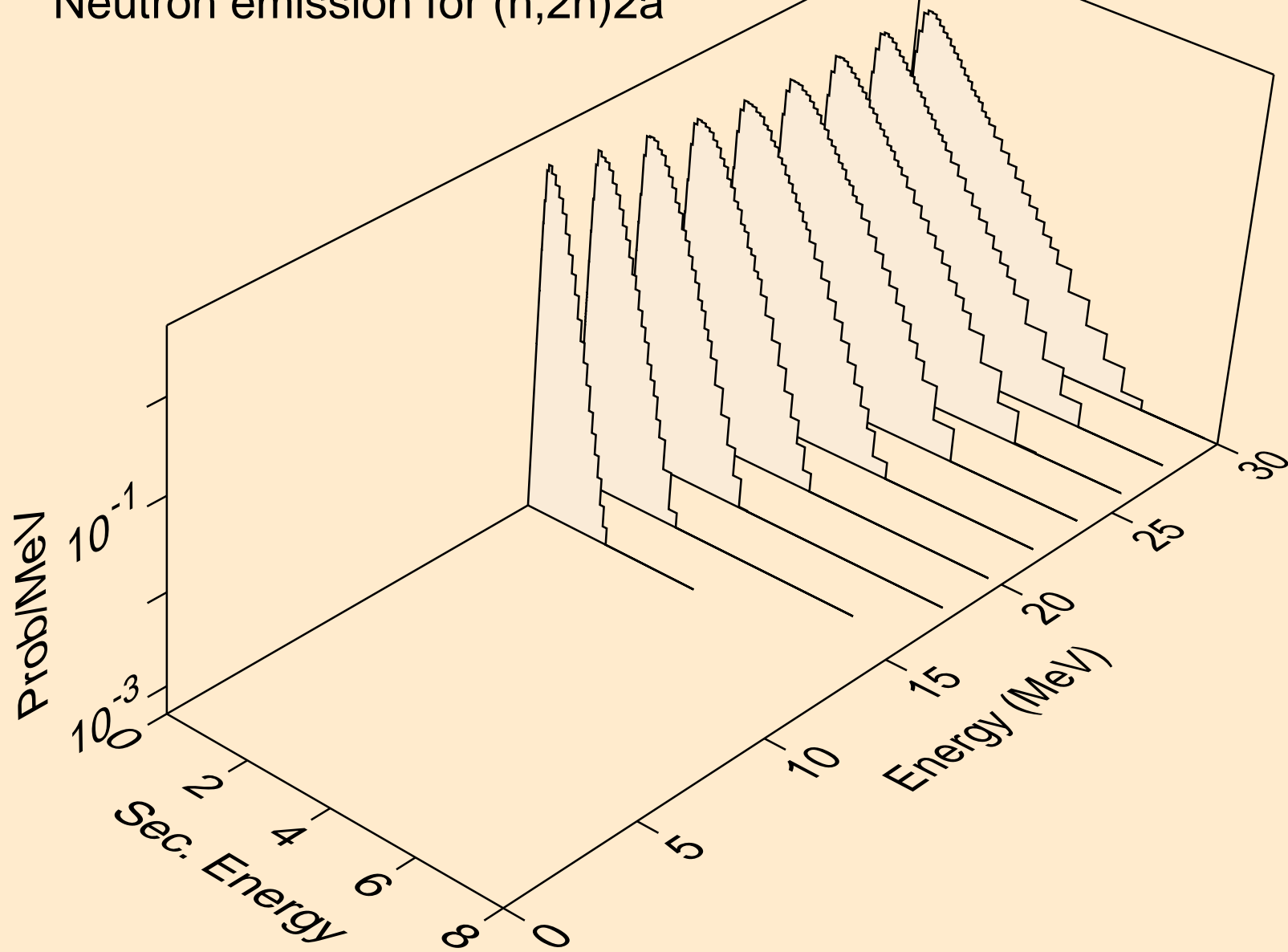
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)p



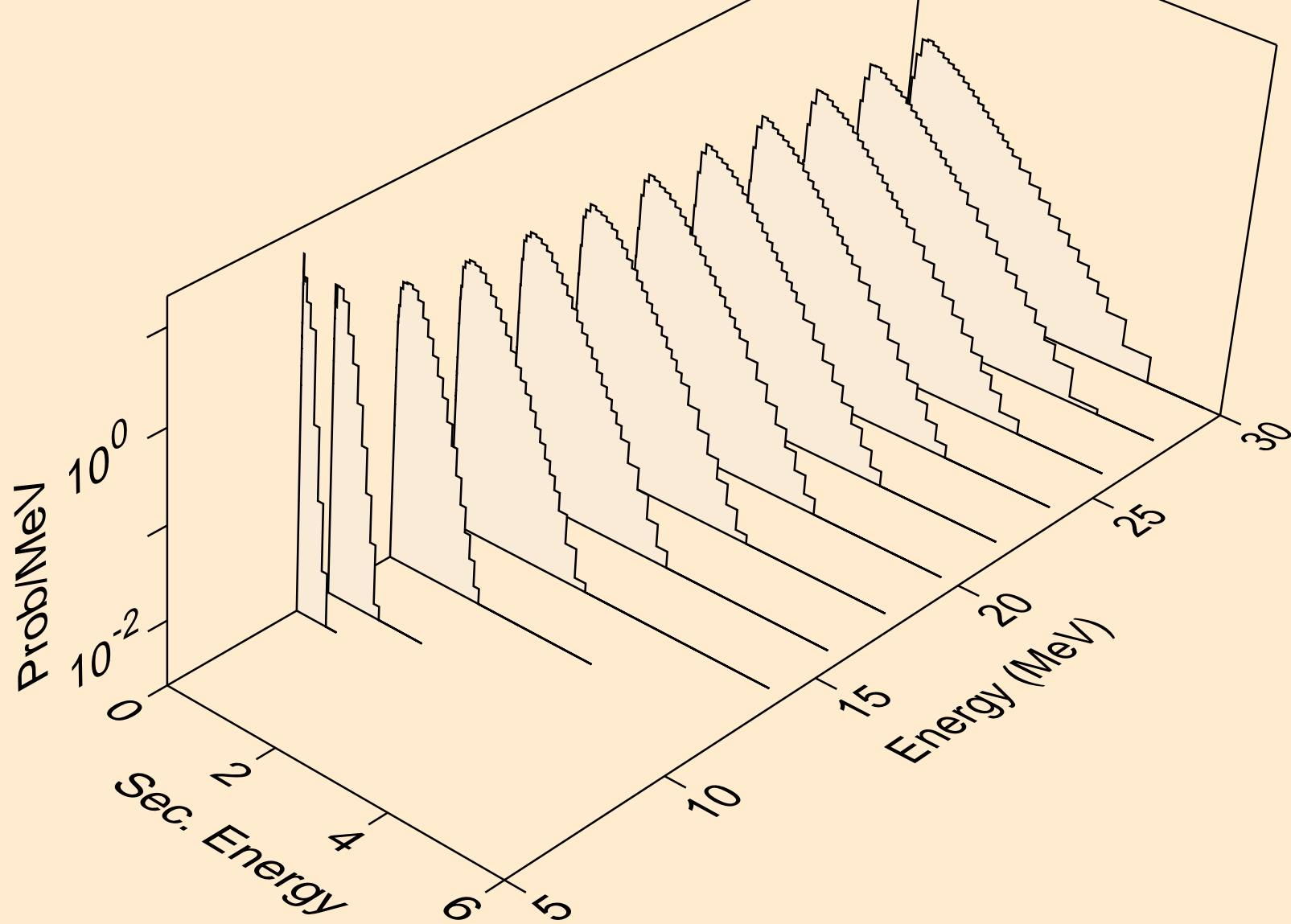
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



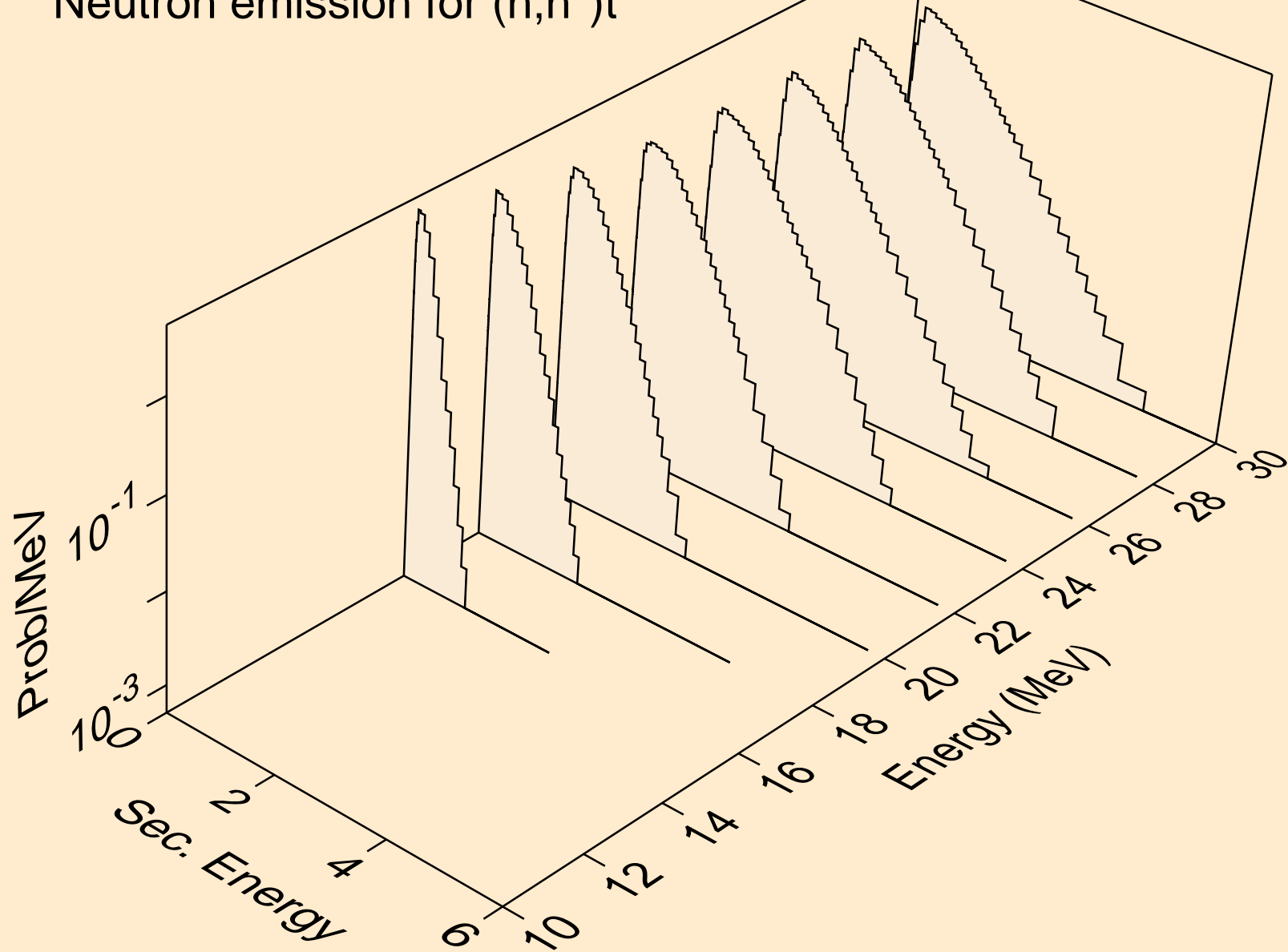
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)2a



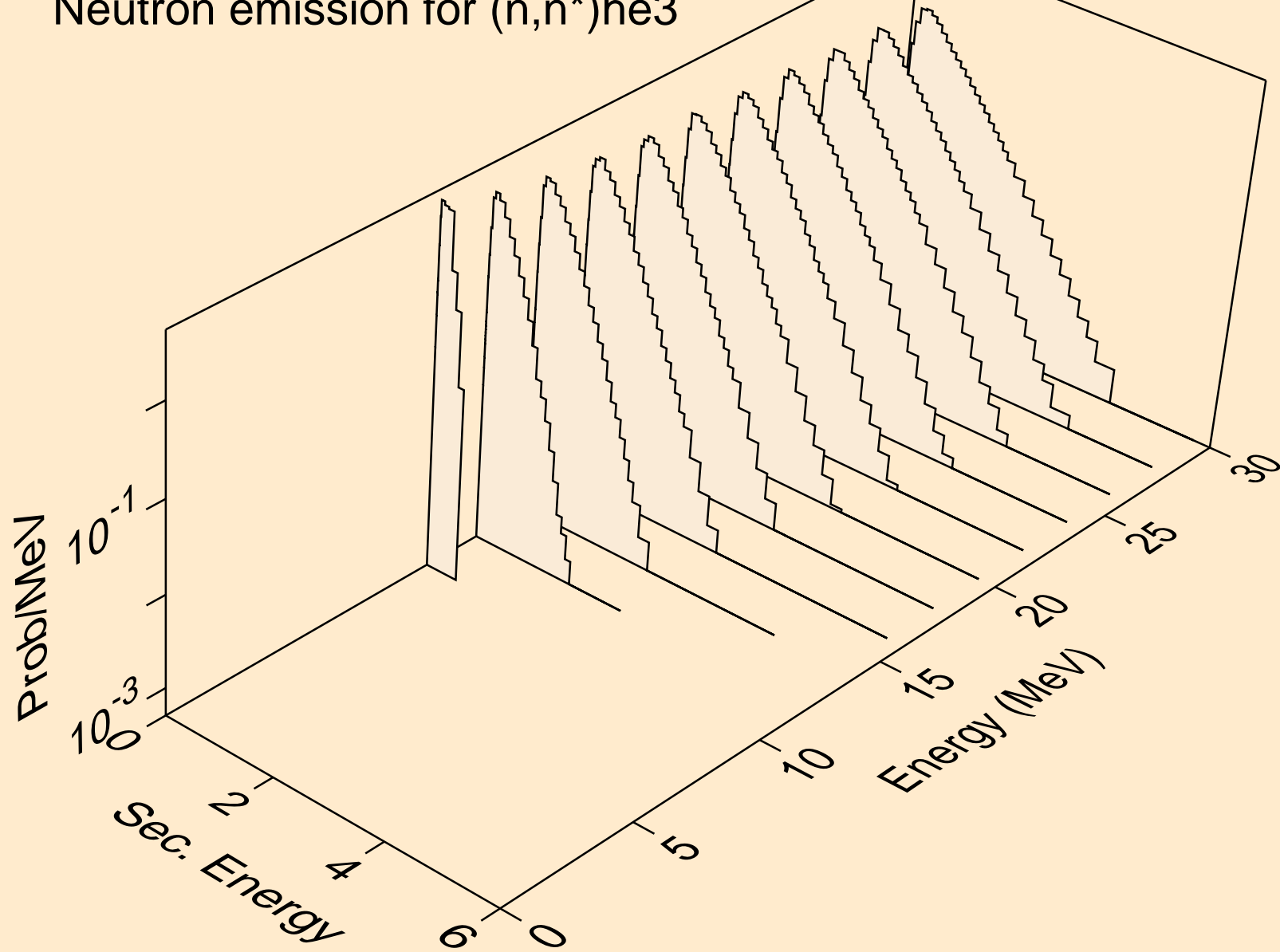
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)d



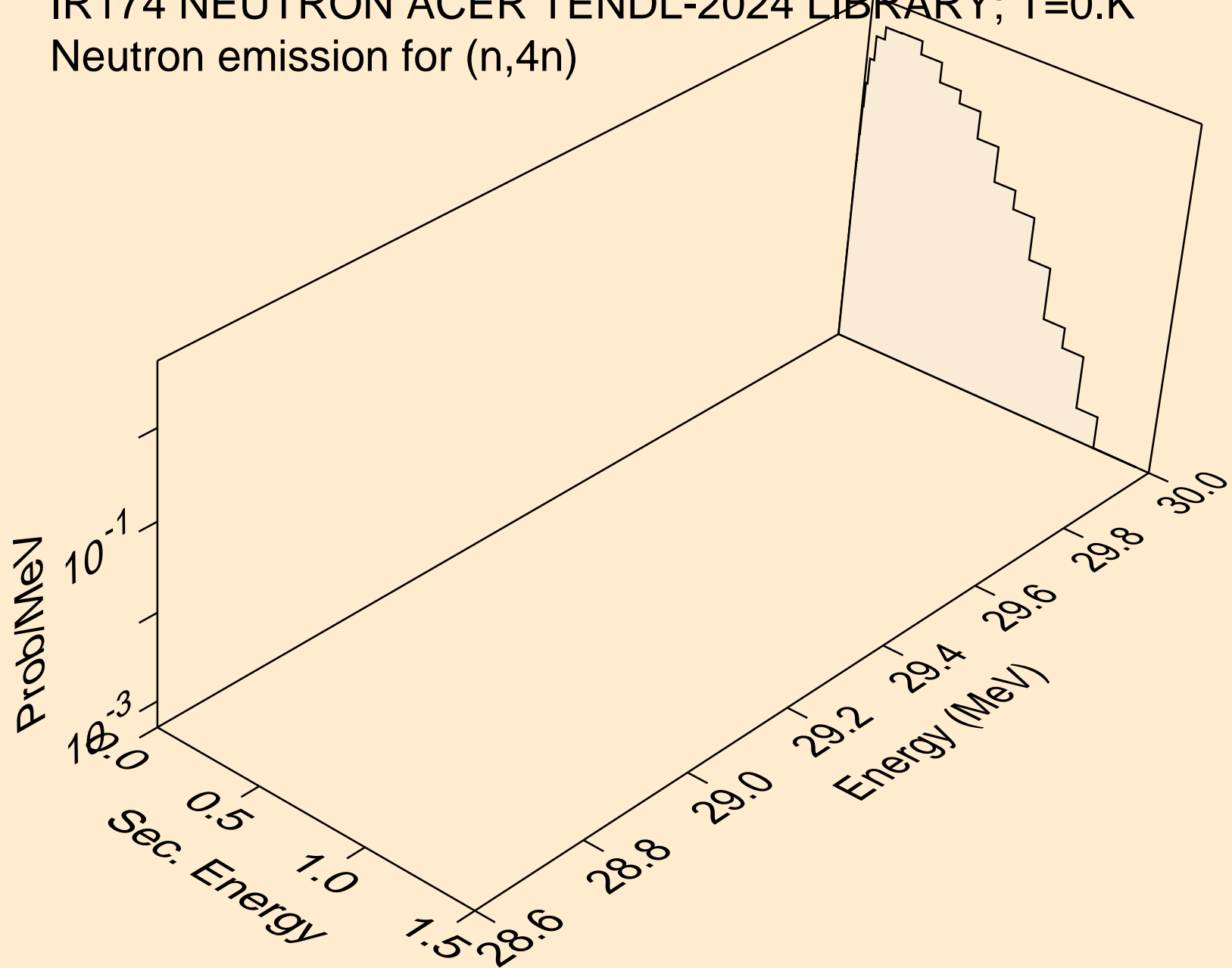
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)t



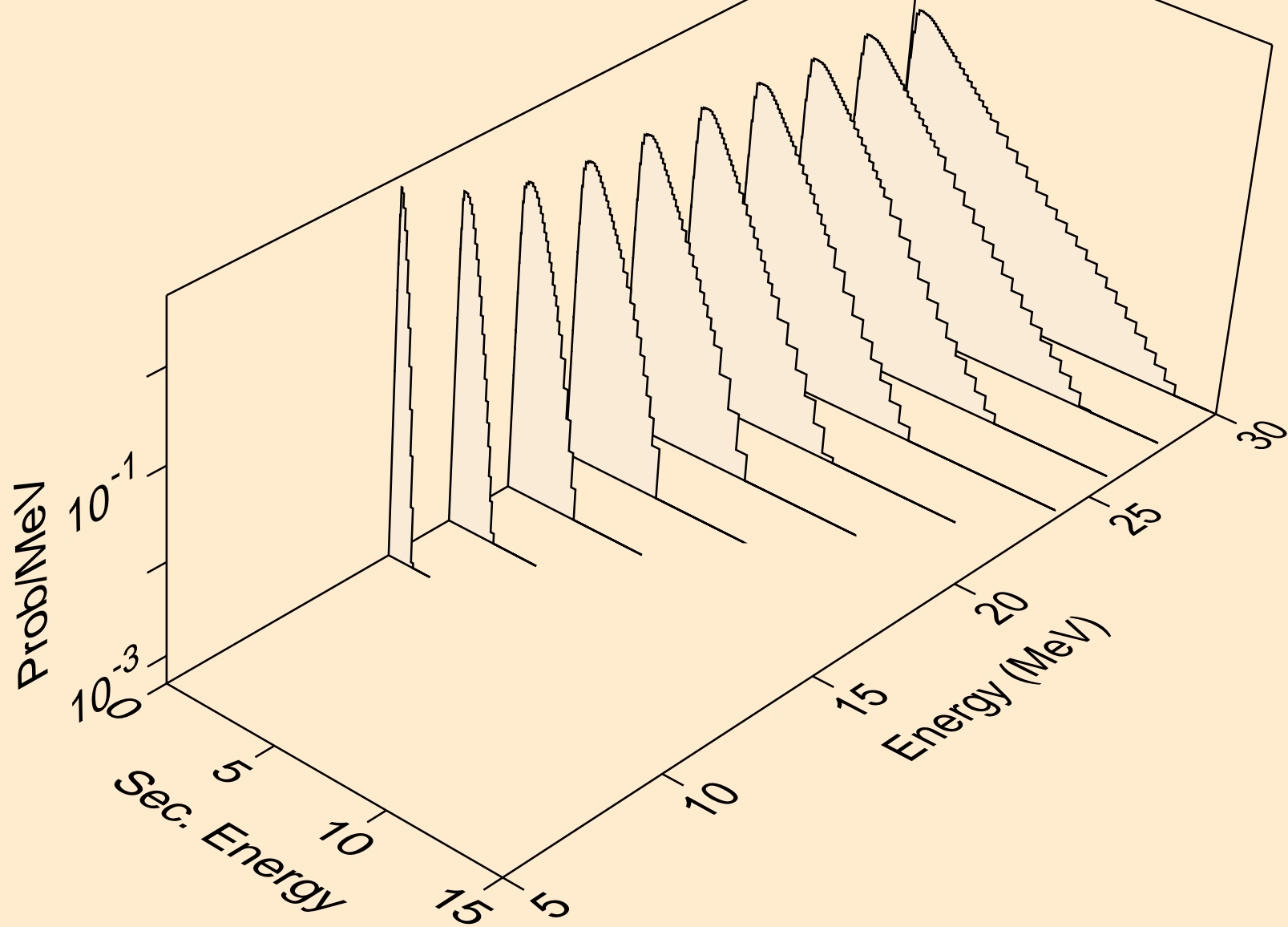
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



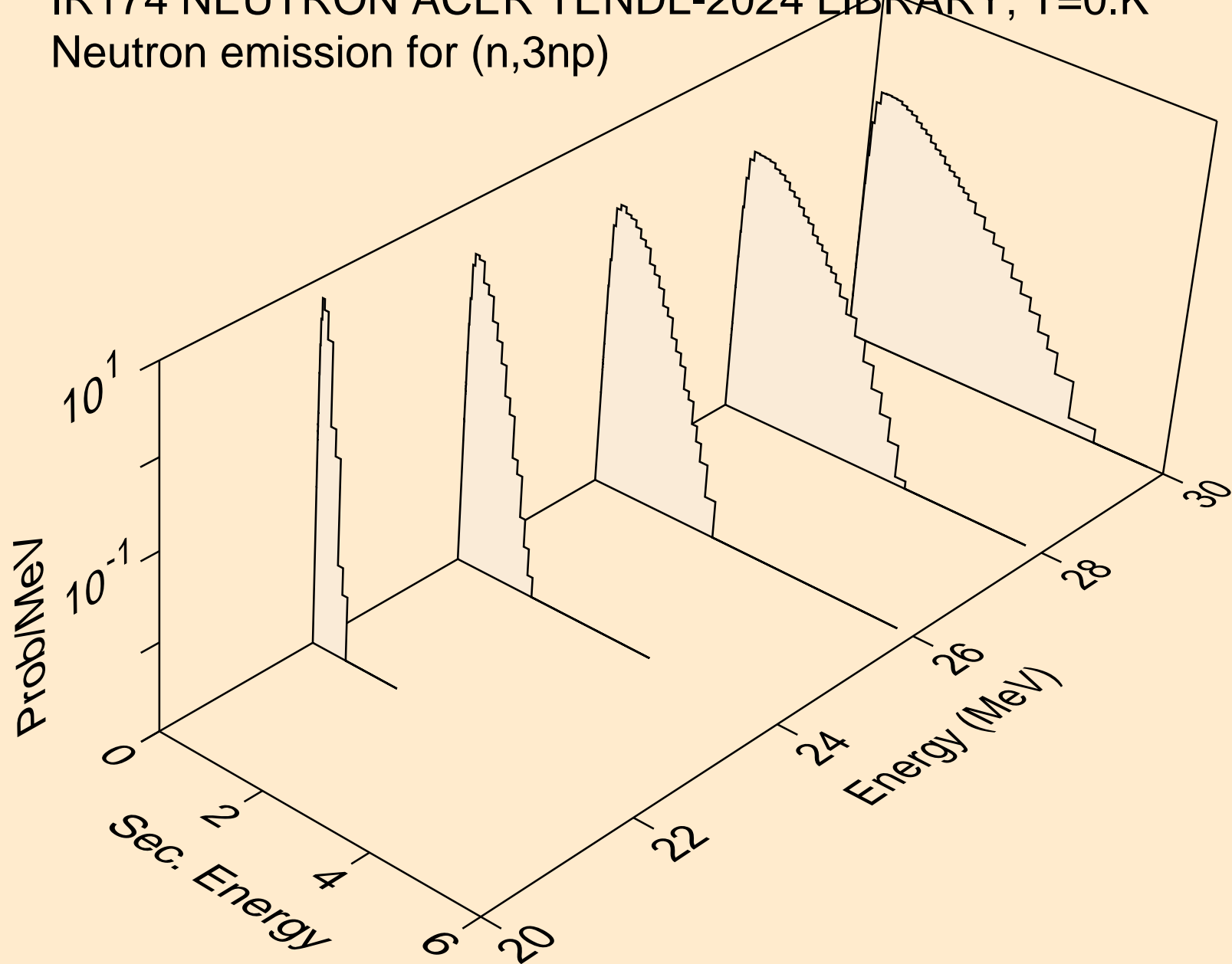
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,4n)



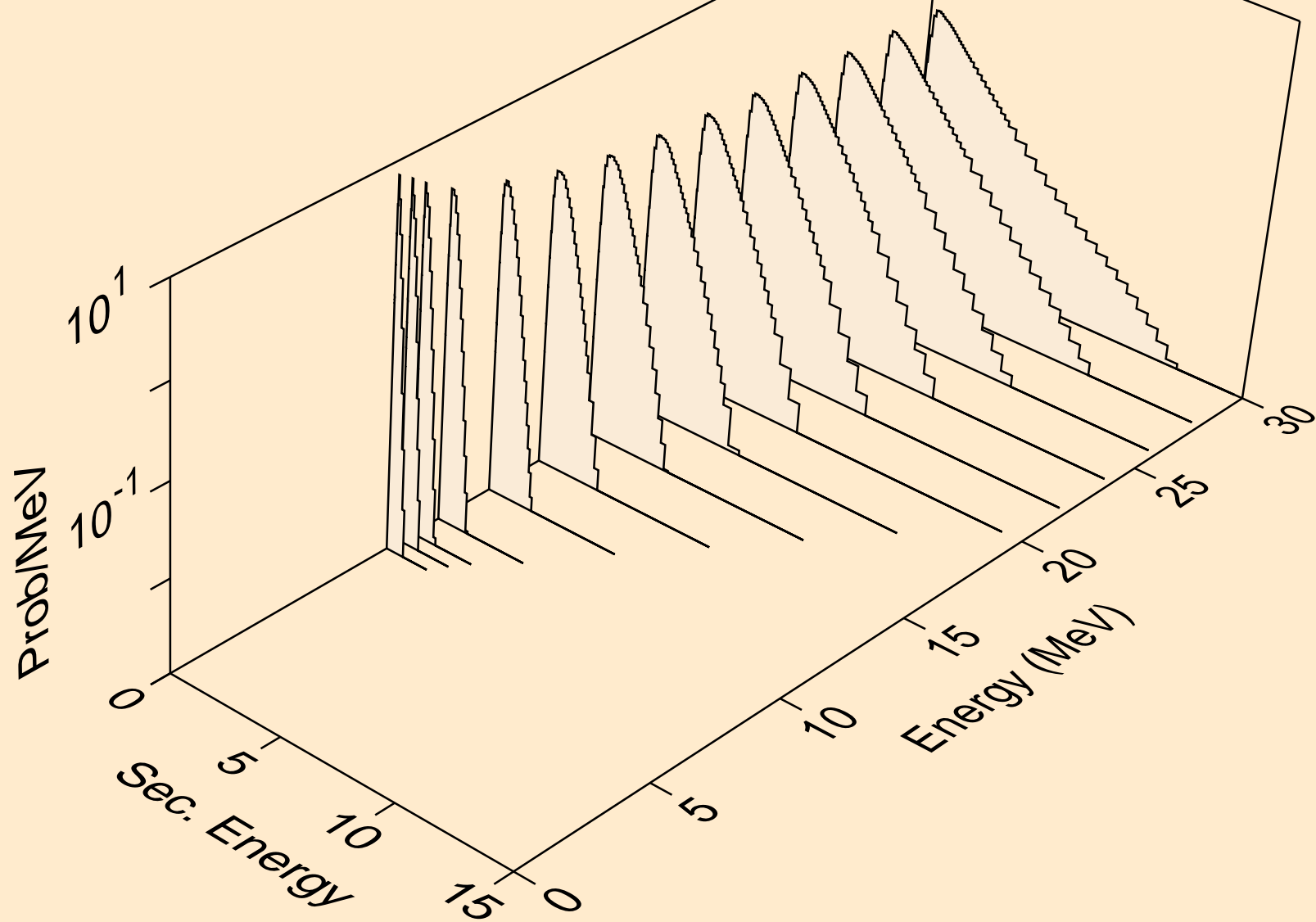
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2np)



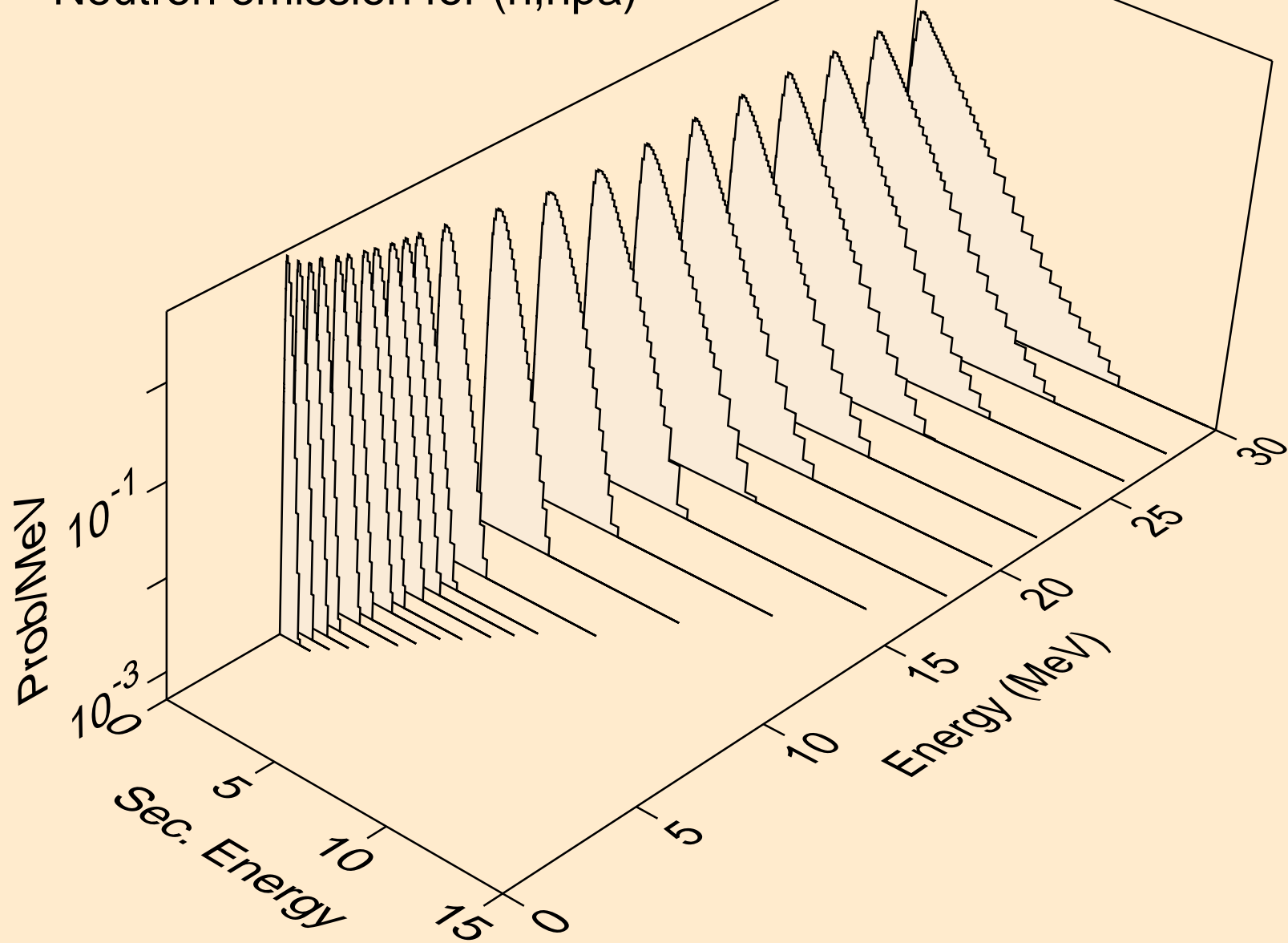
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3np)



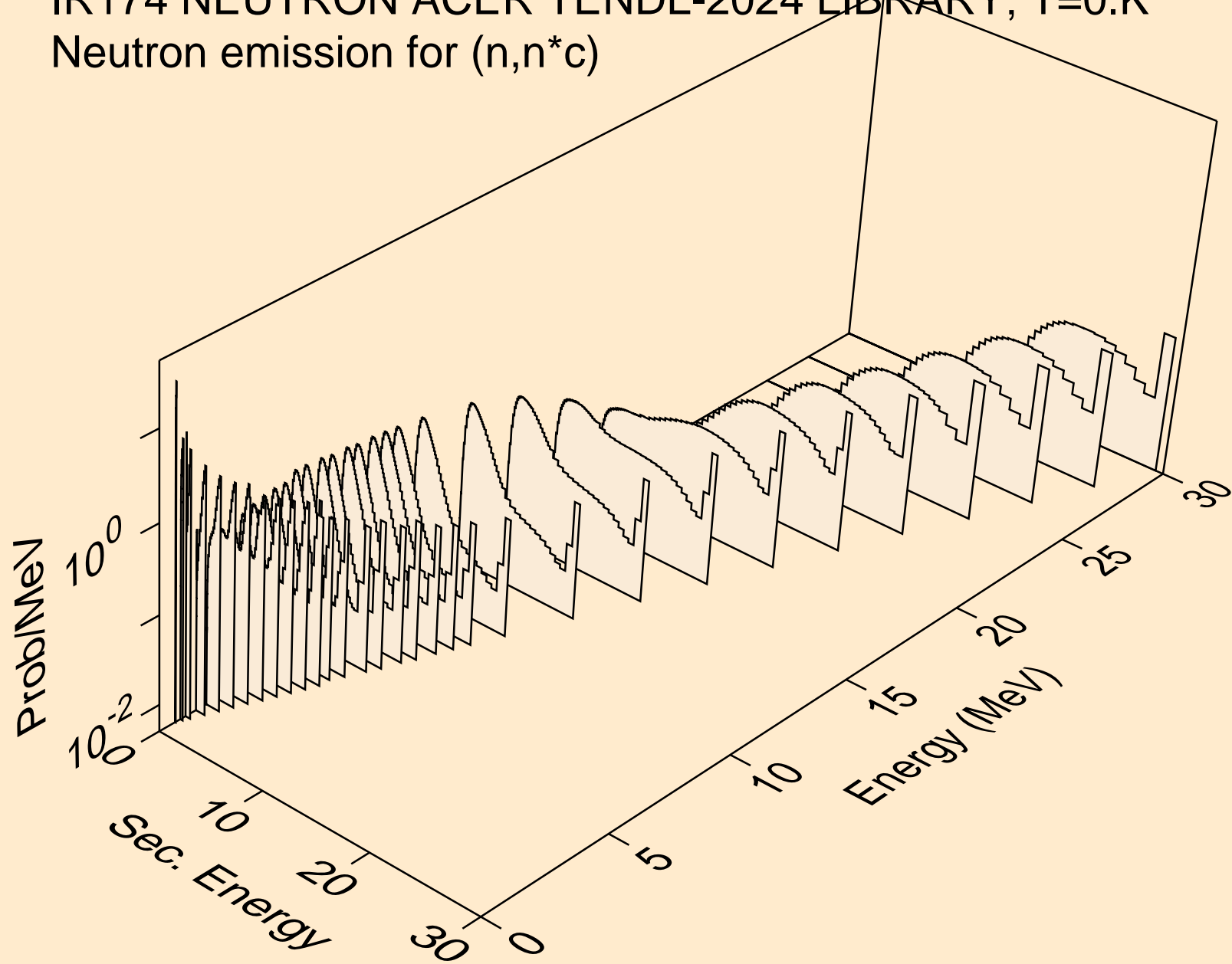
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n2p)



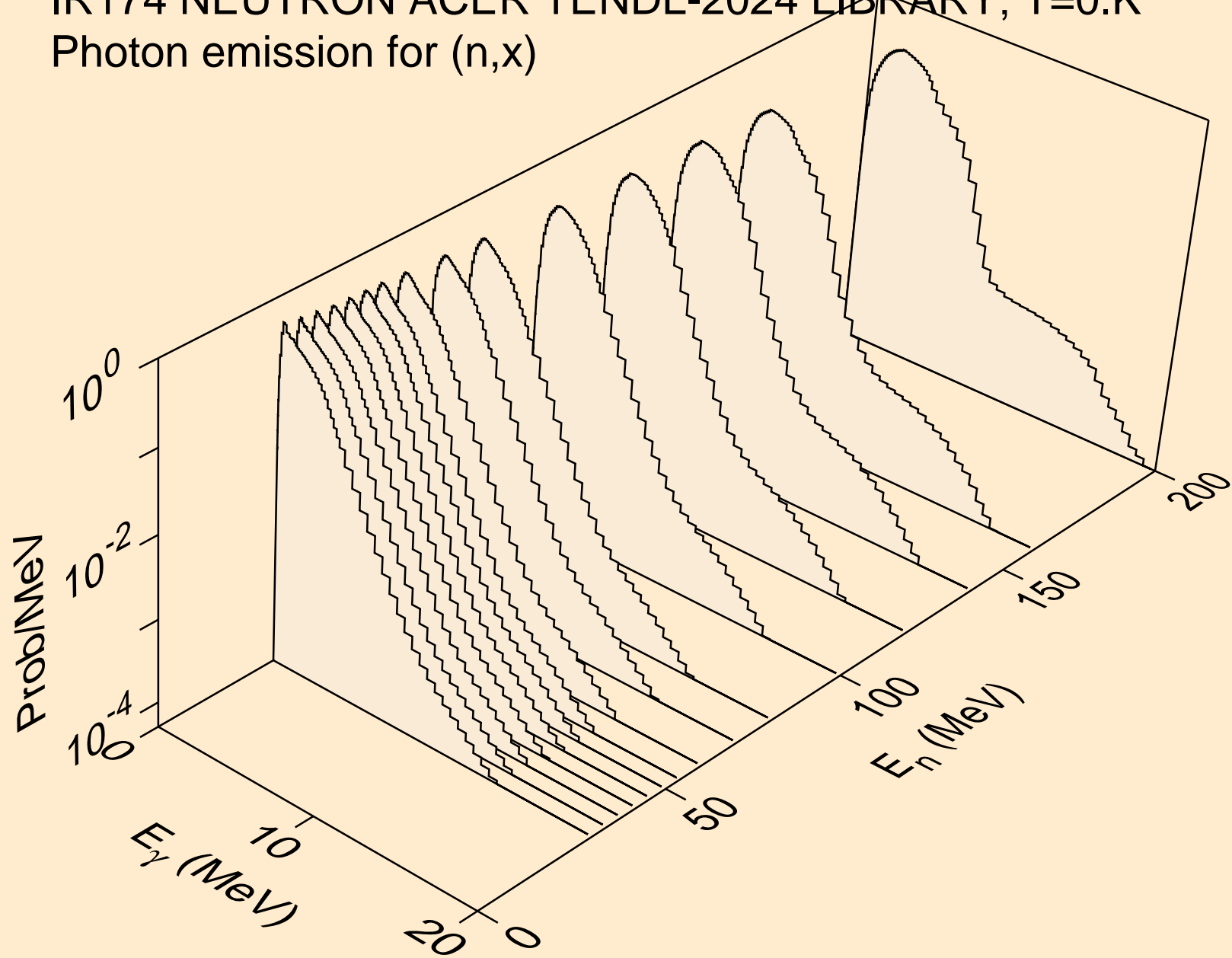
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,npa)



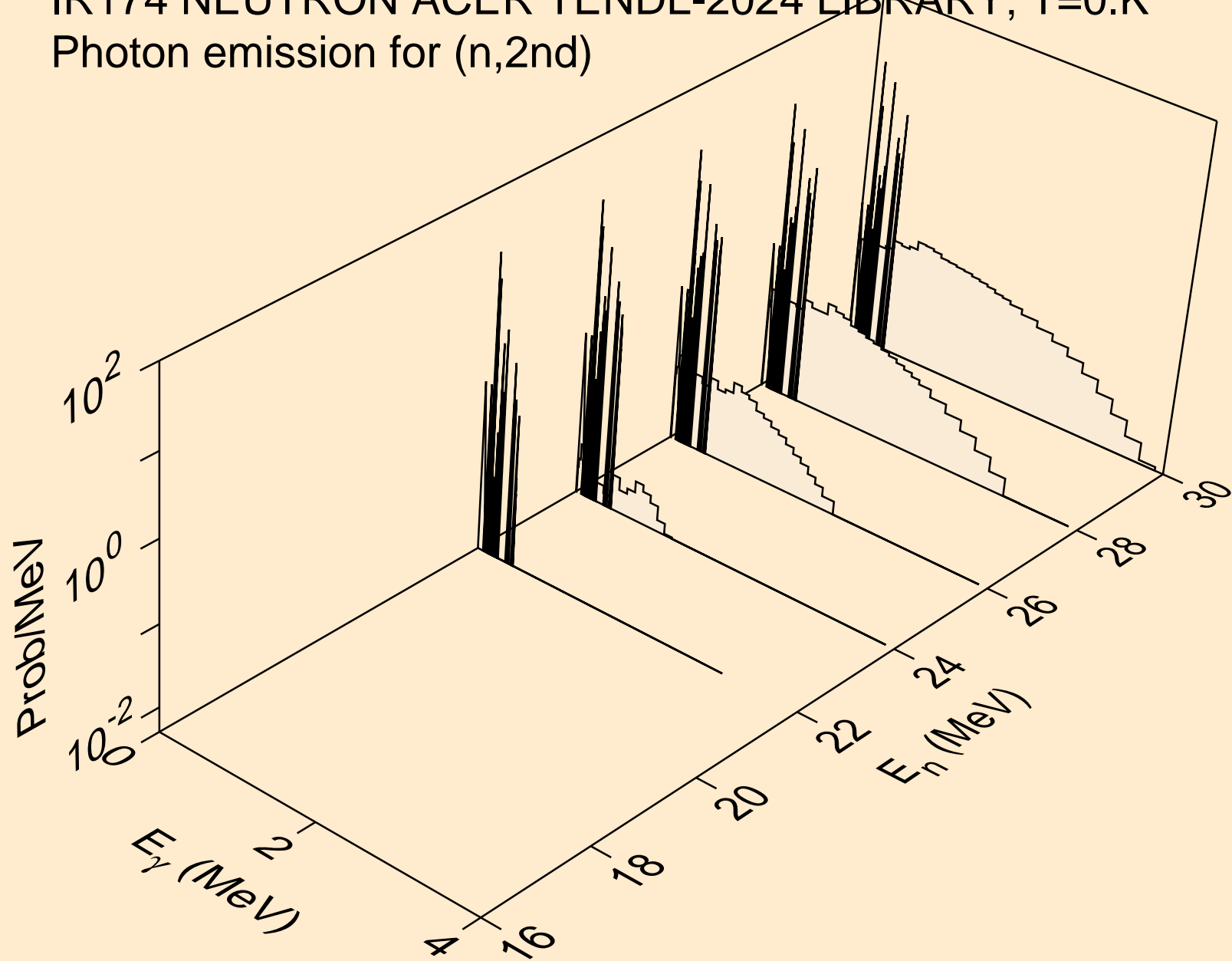
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*c)



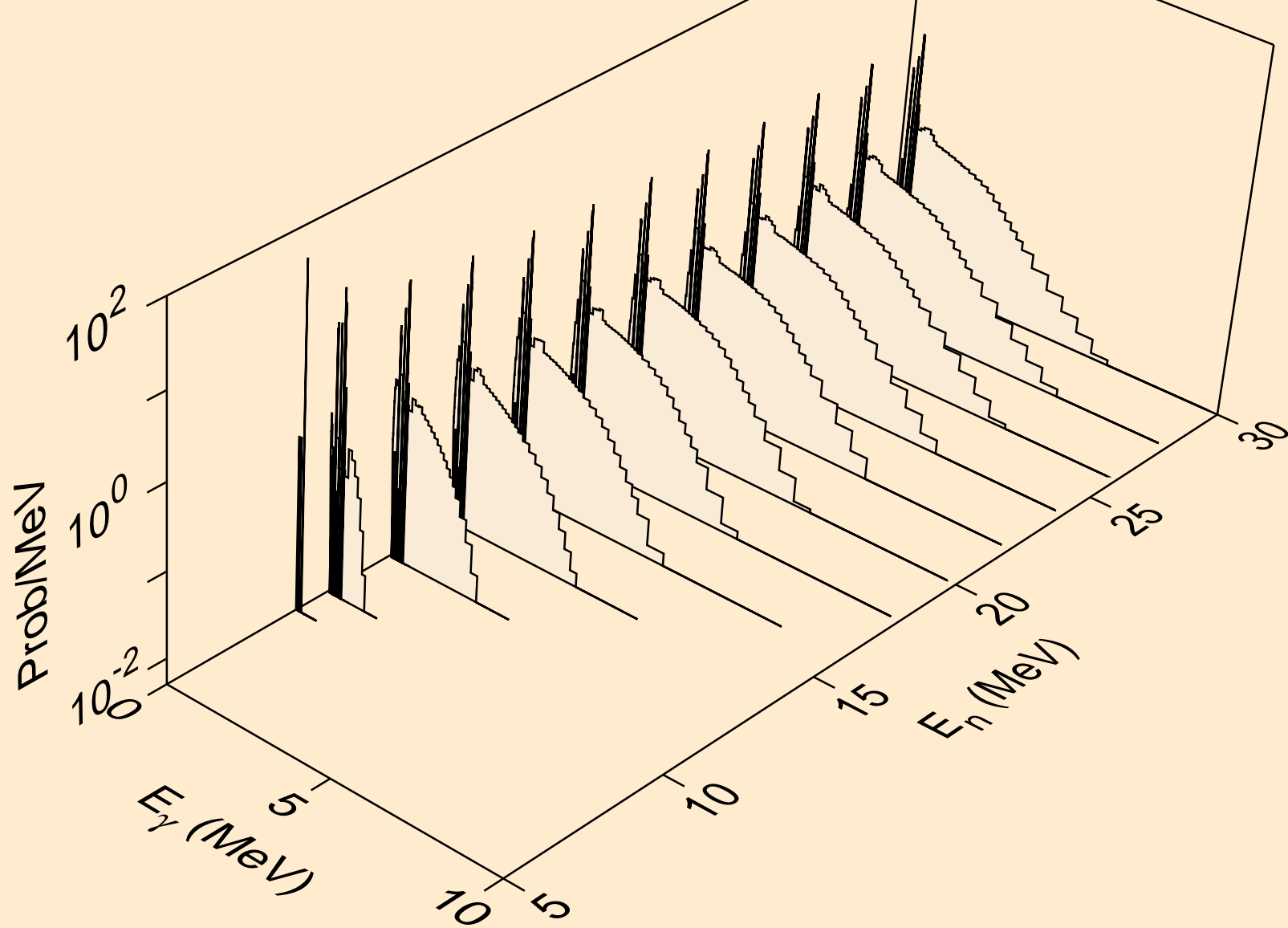
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,x)



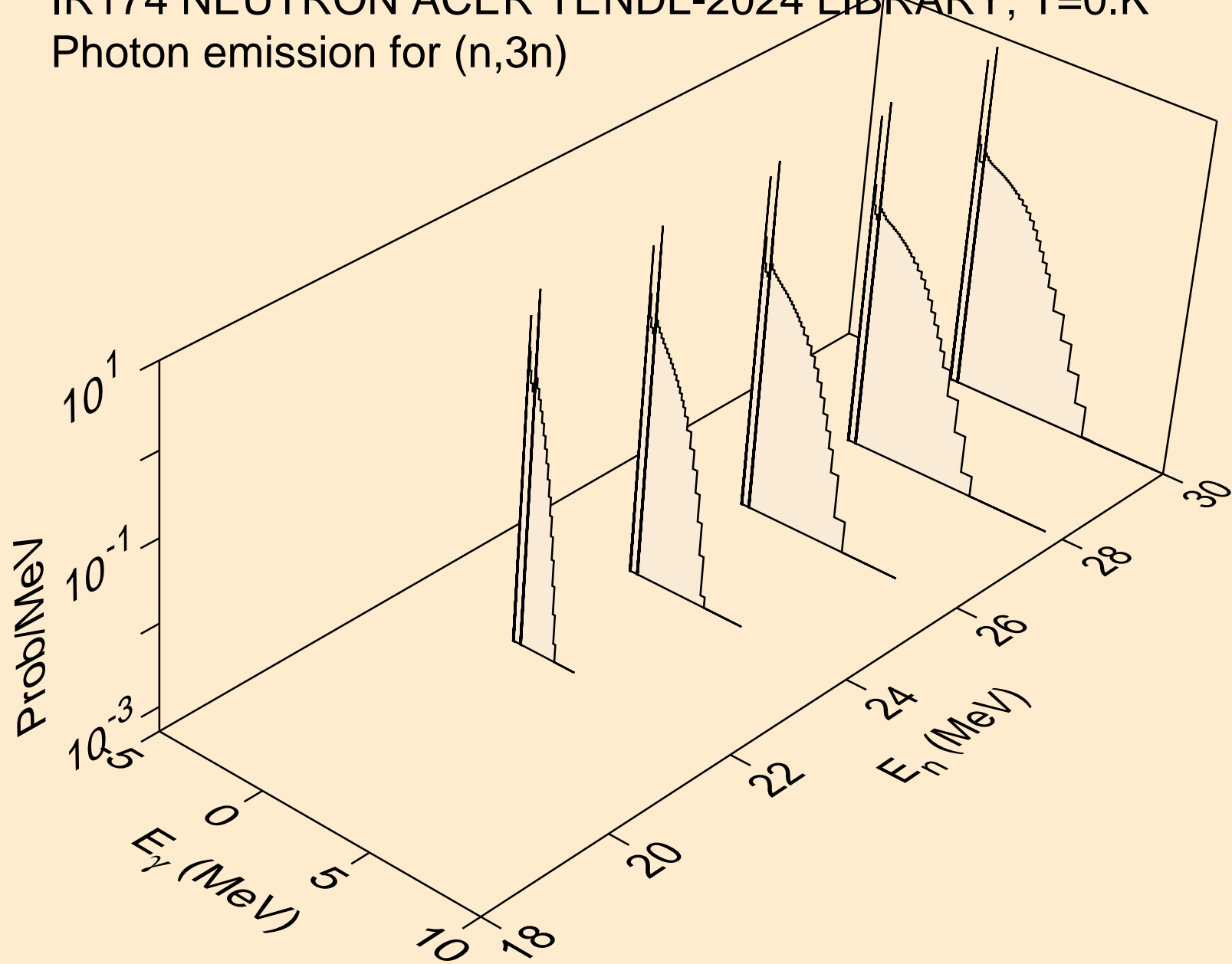
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



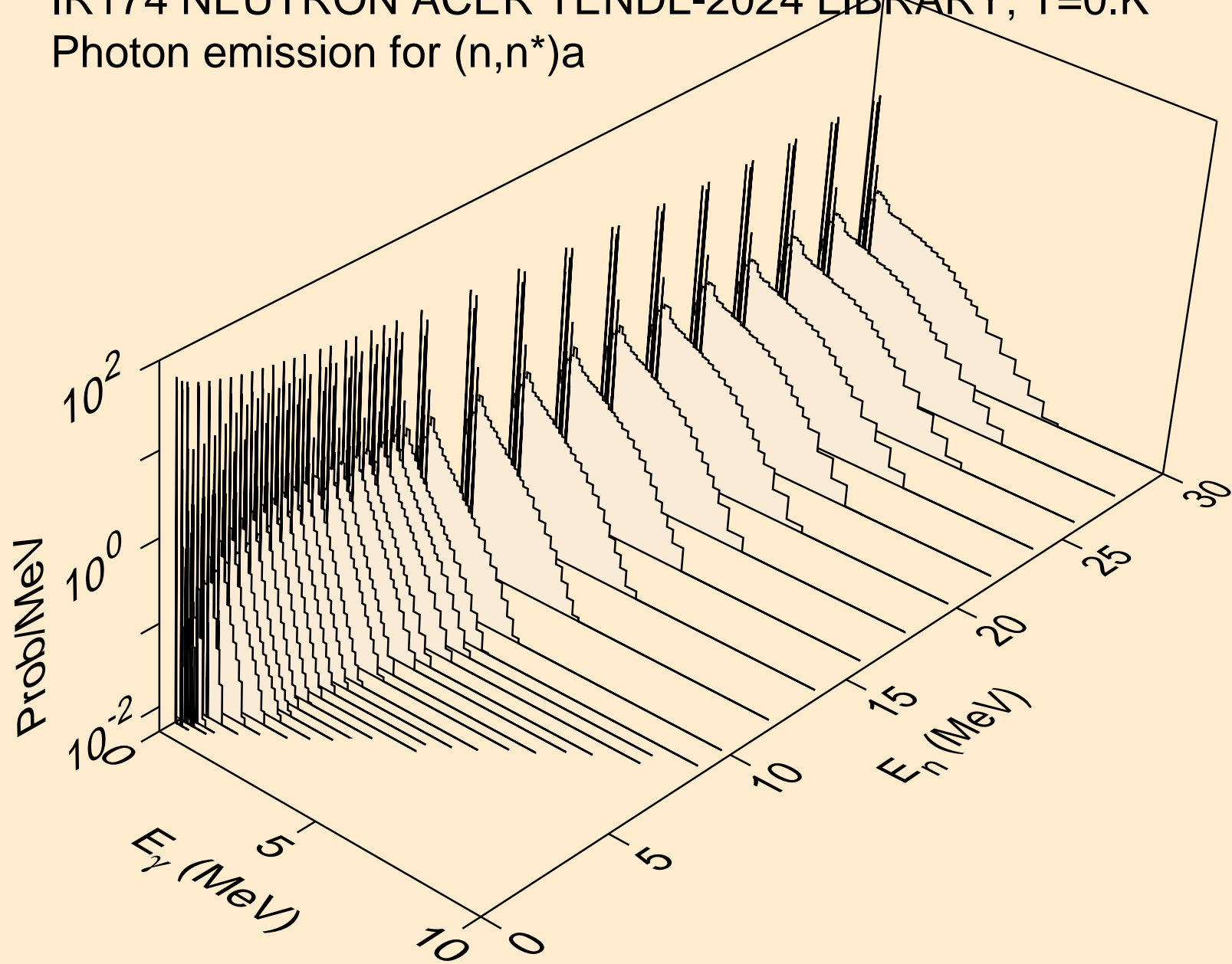
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



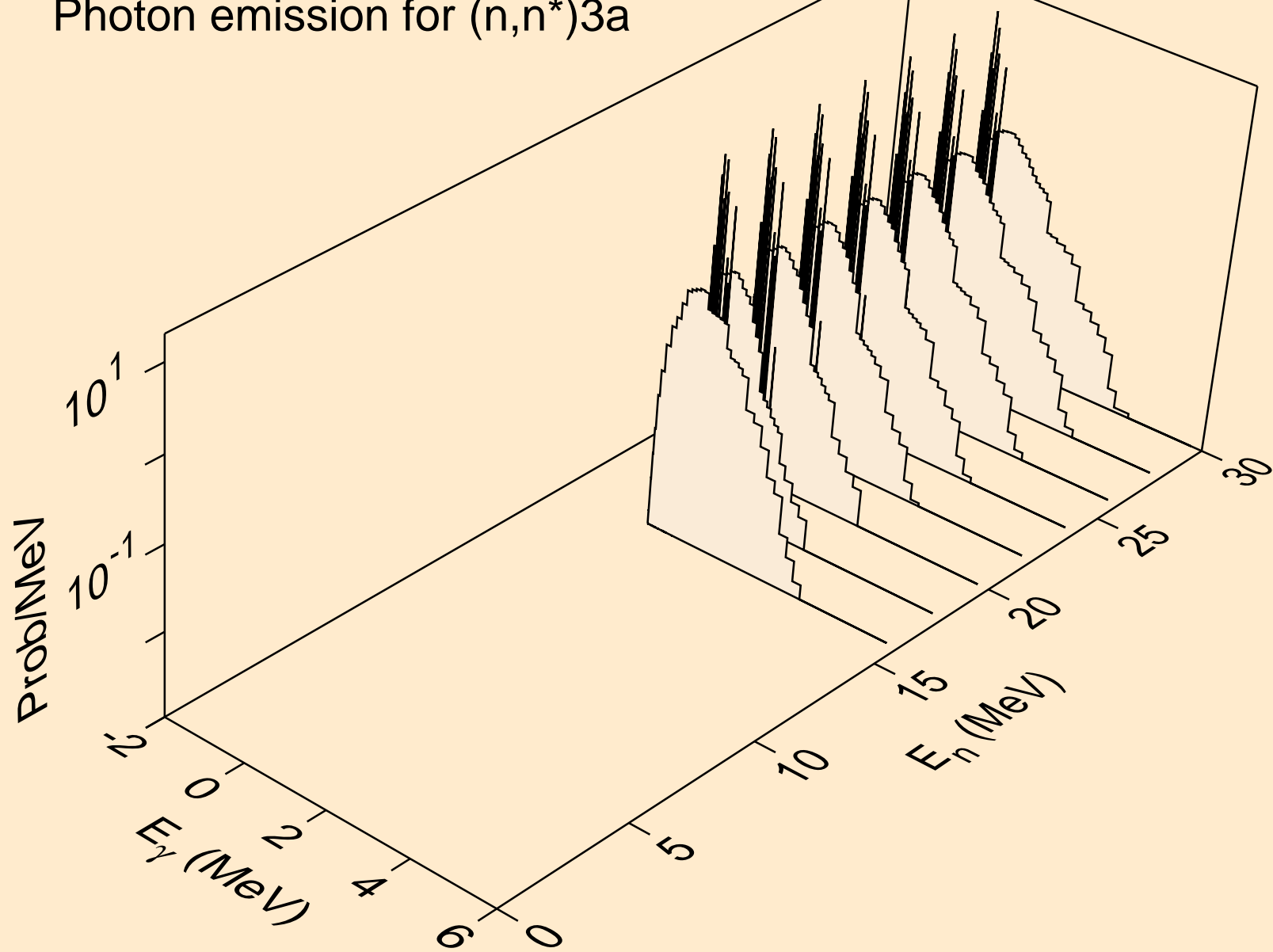
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



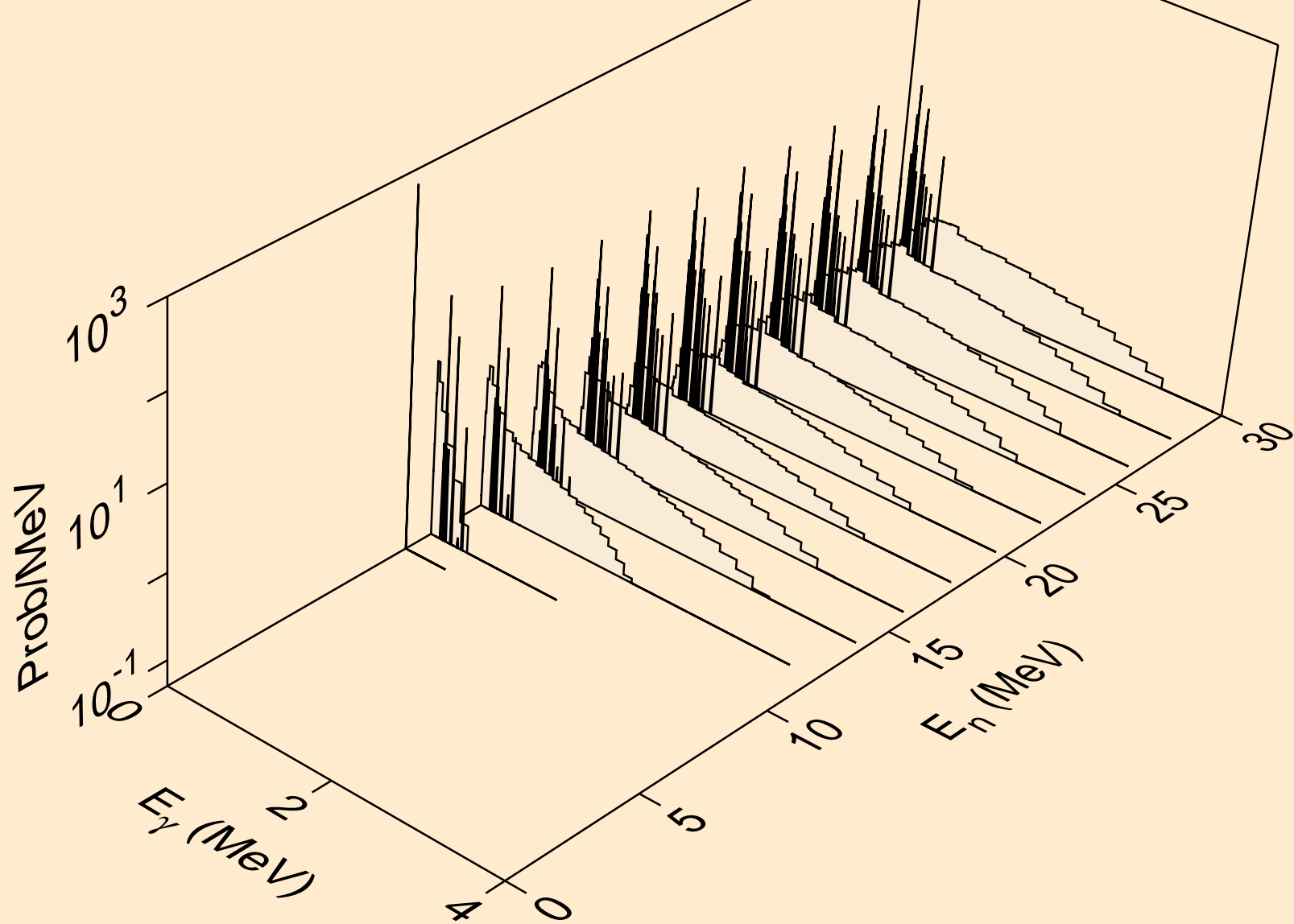
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)a



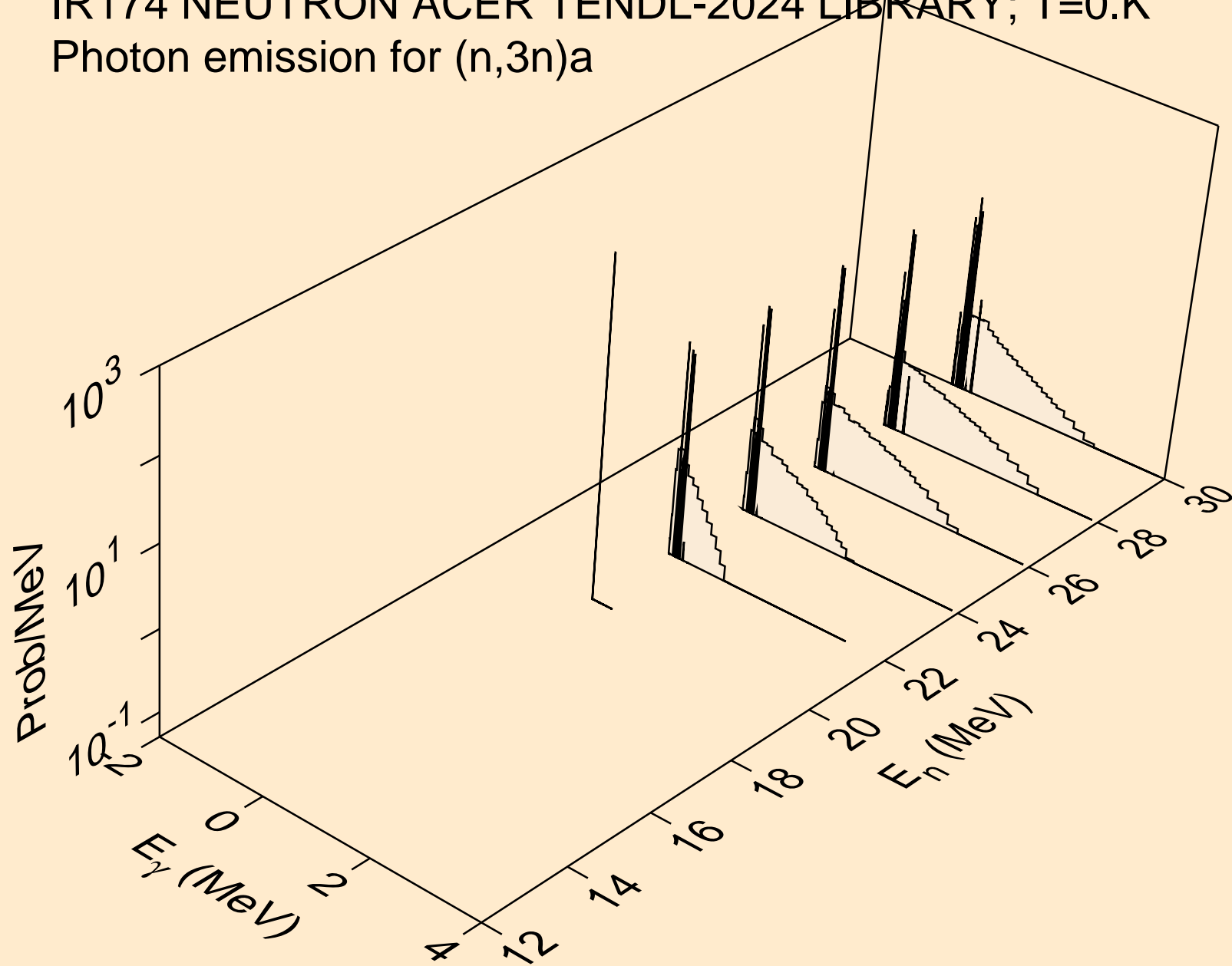
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)3a



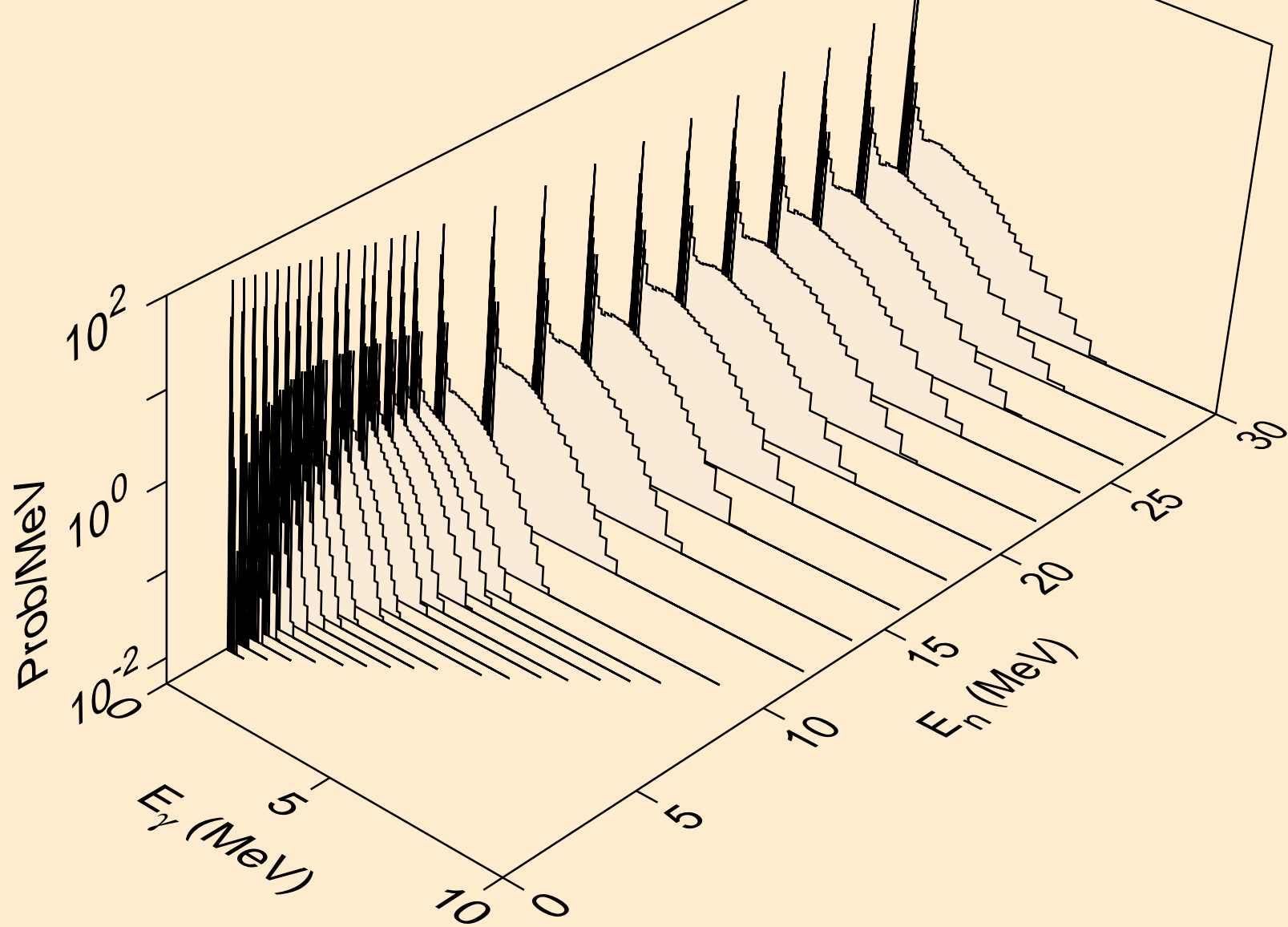
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)a



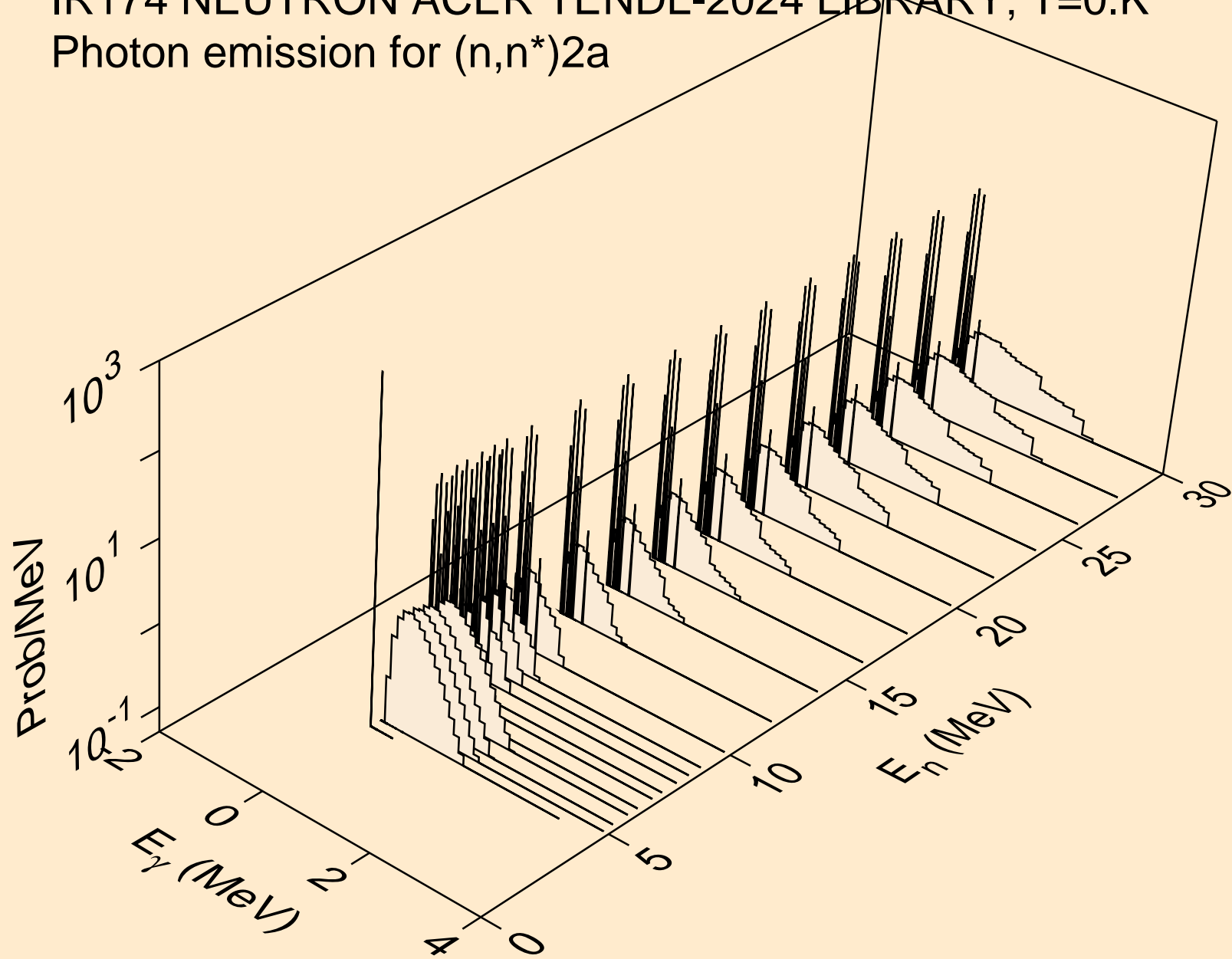
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)a



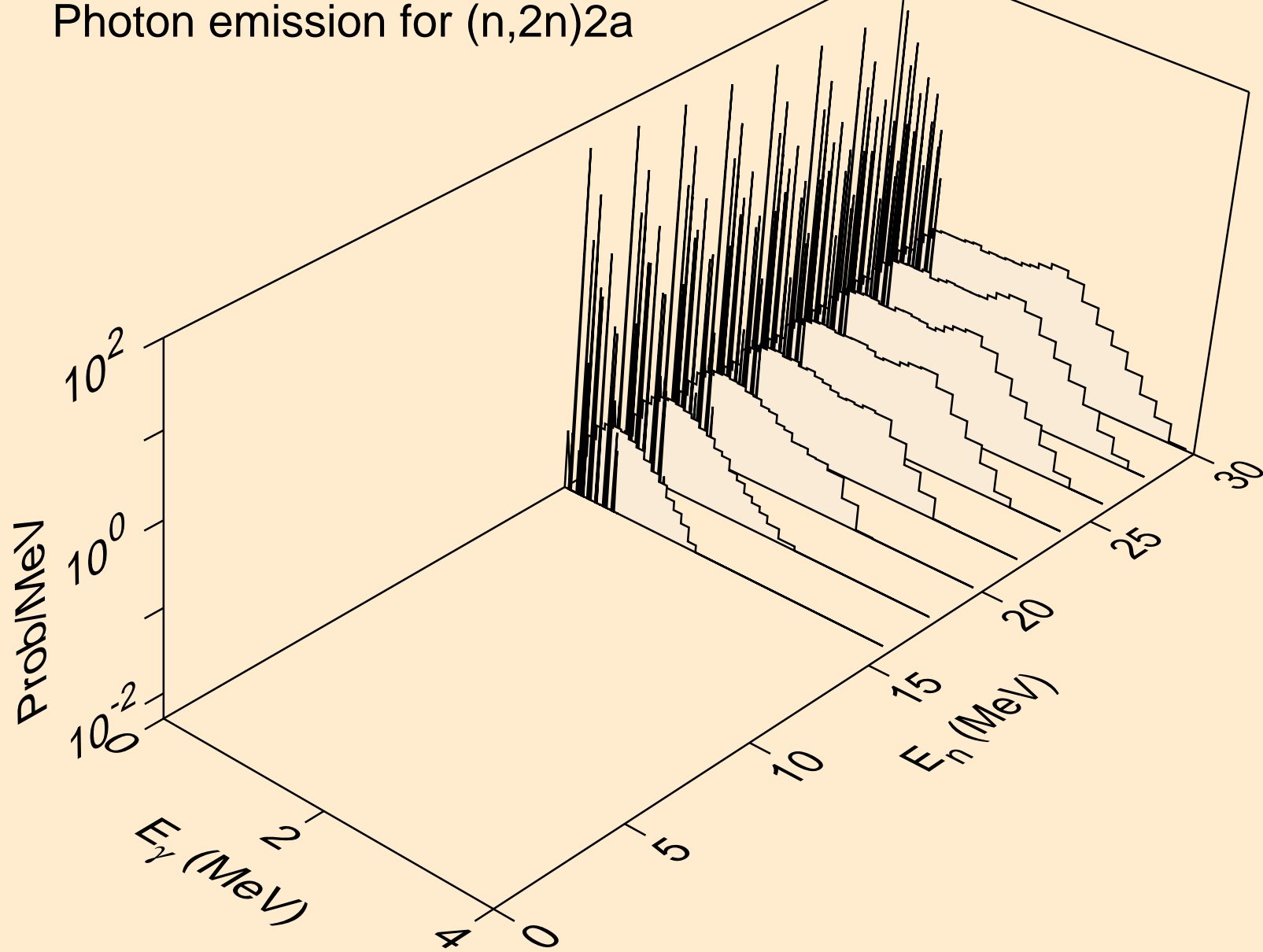
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)p



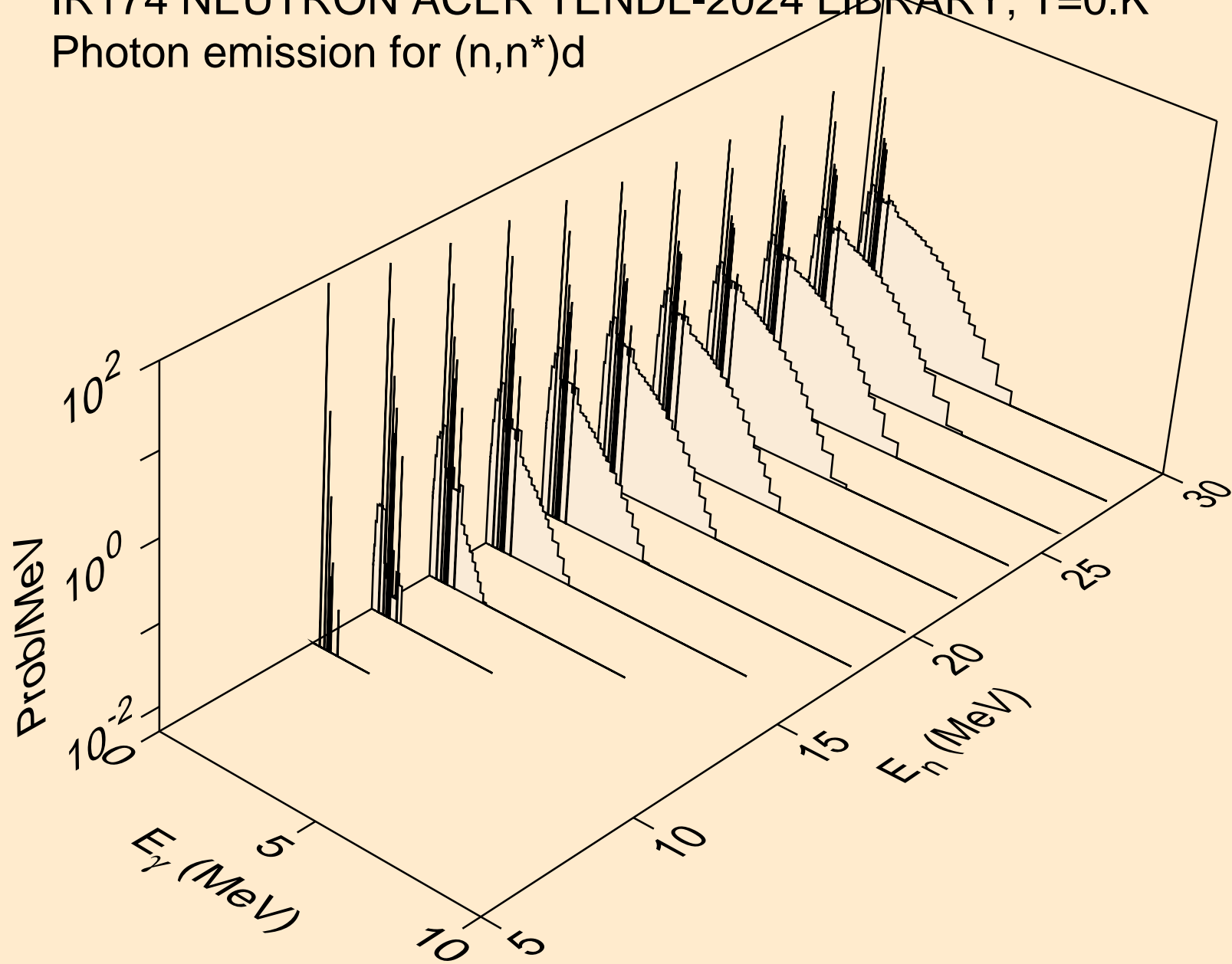
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)2a



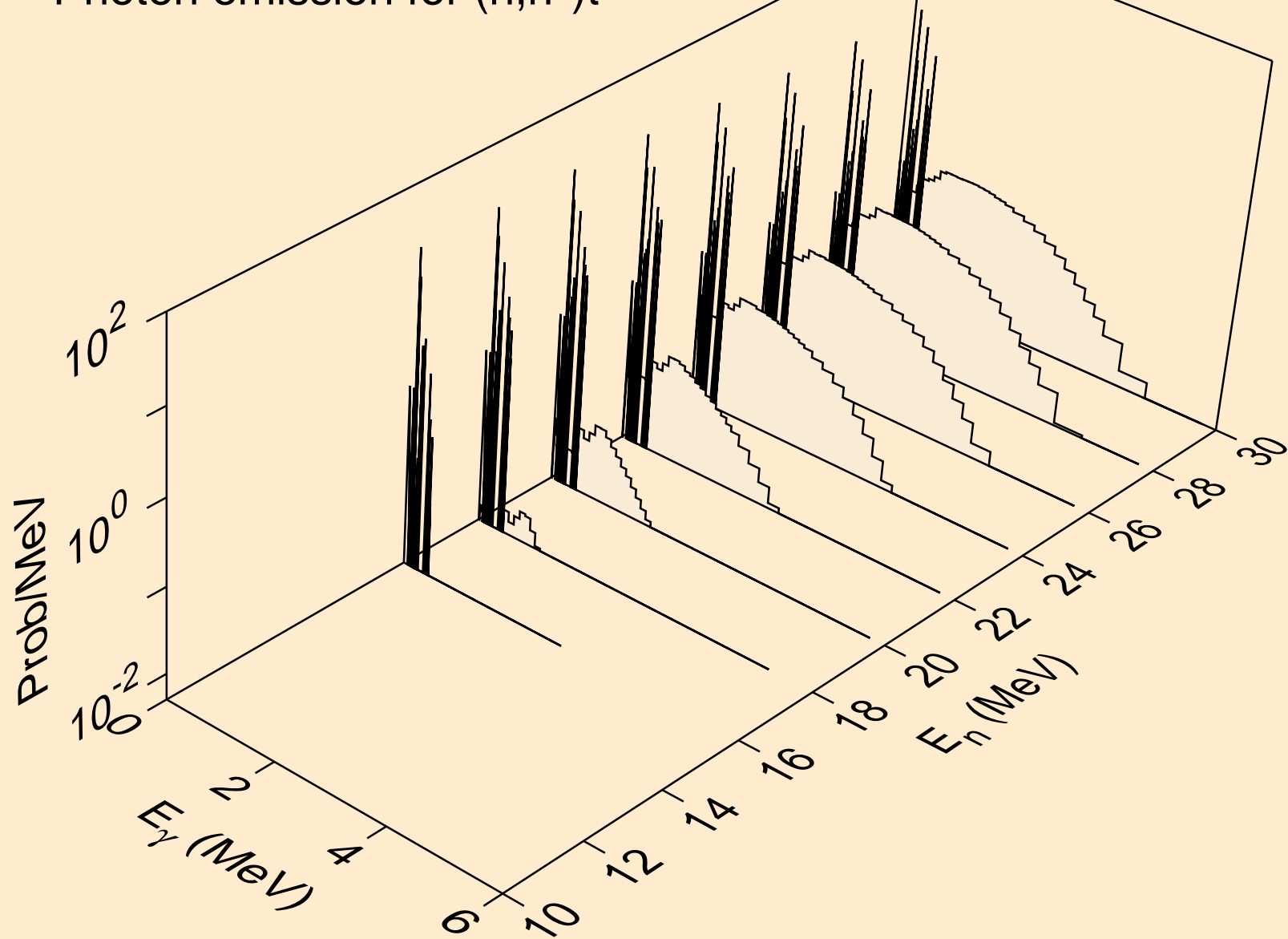
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)2a



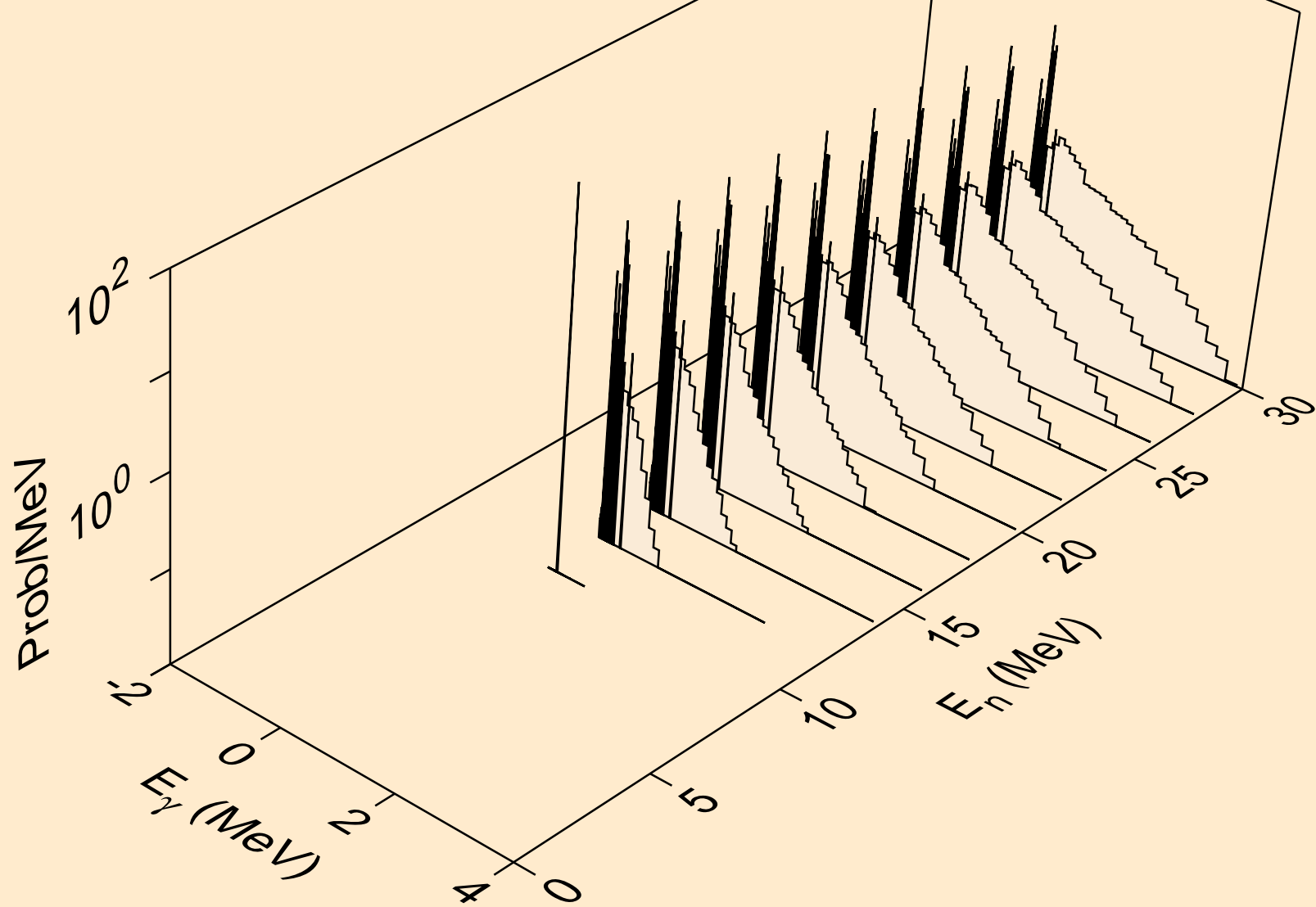
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d



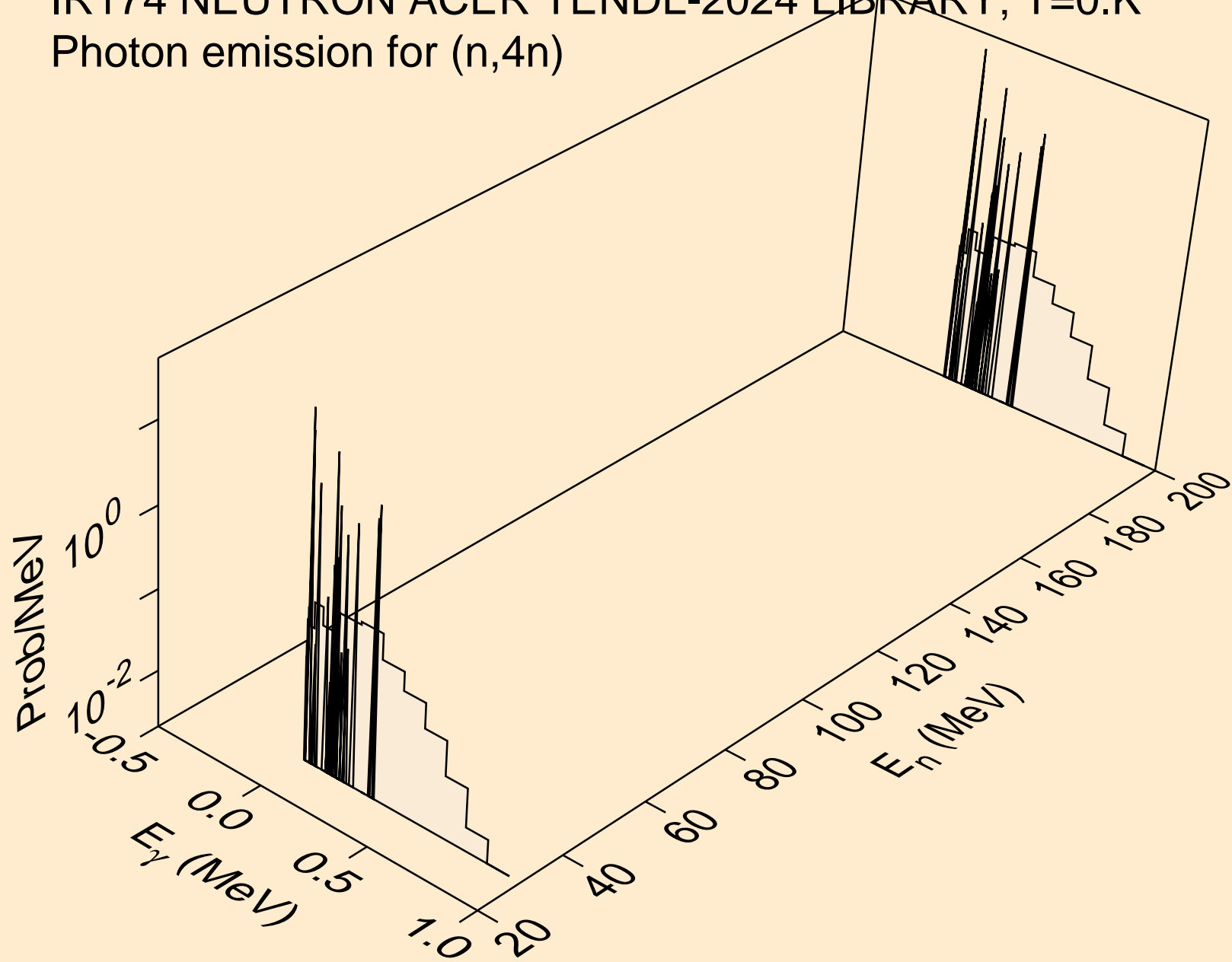
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)t



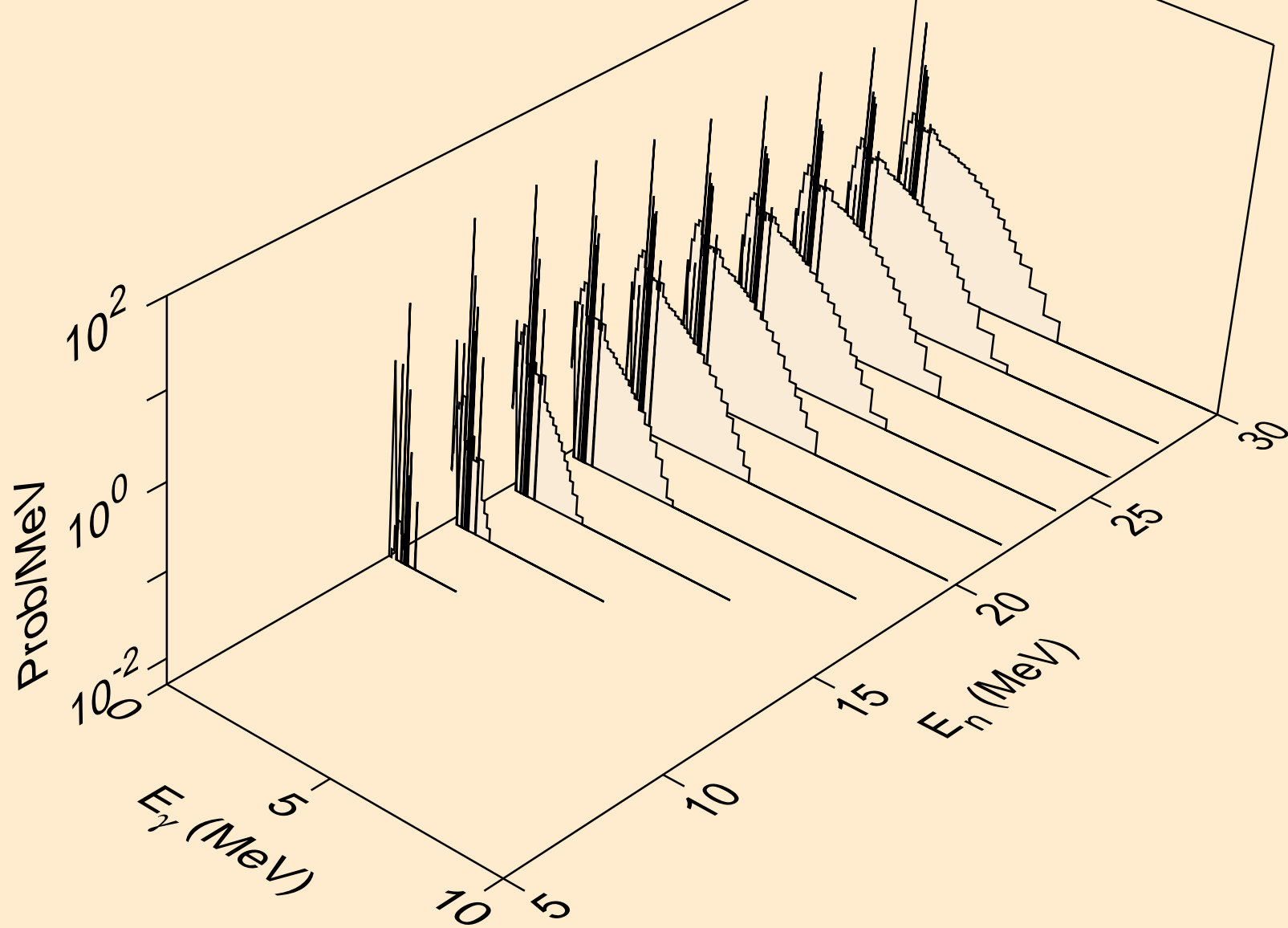
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



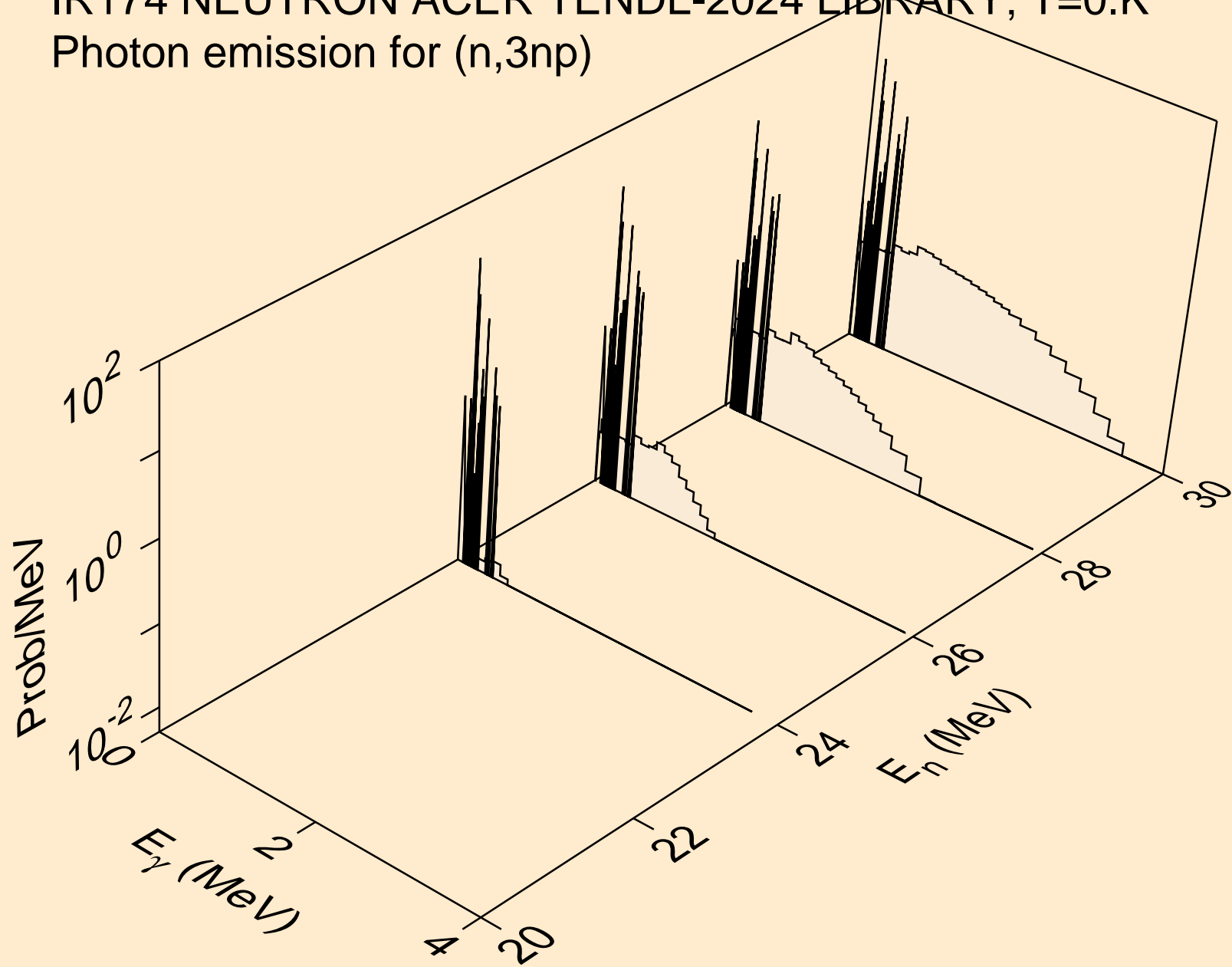
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,4n)



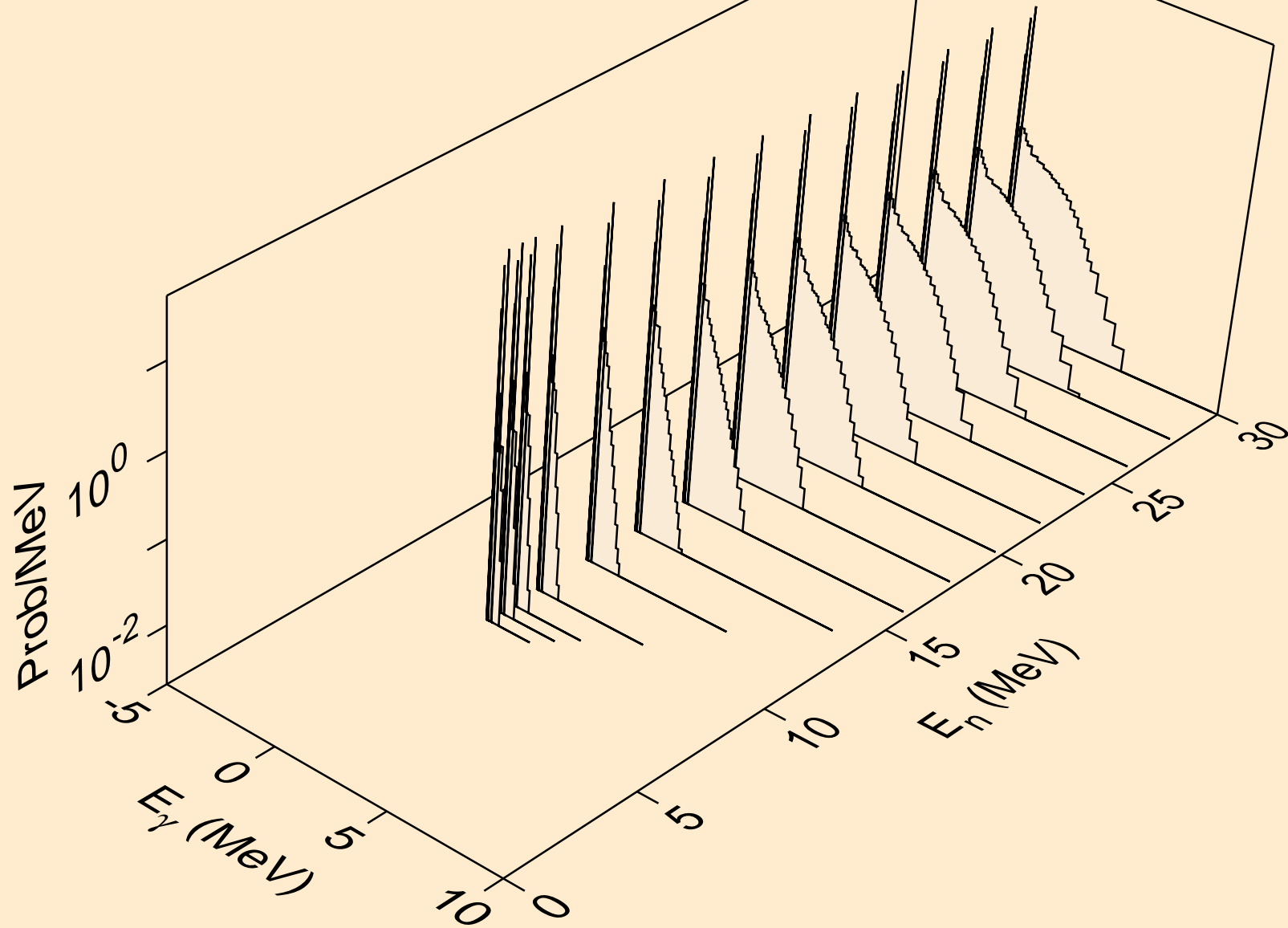
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



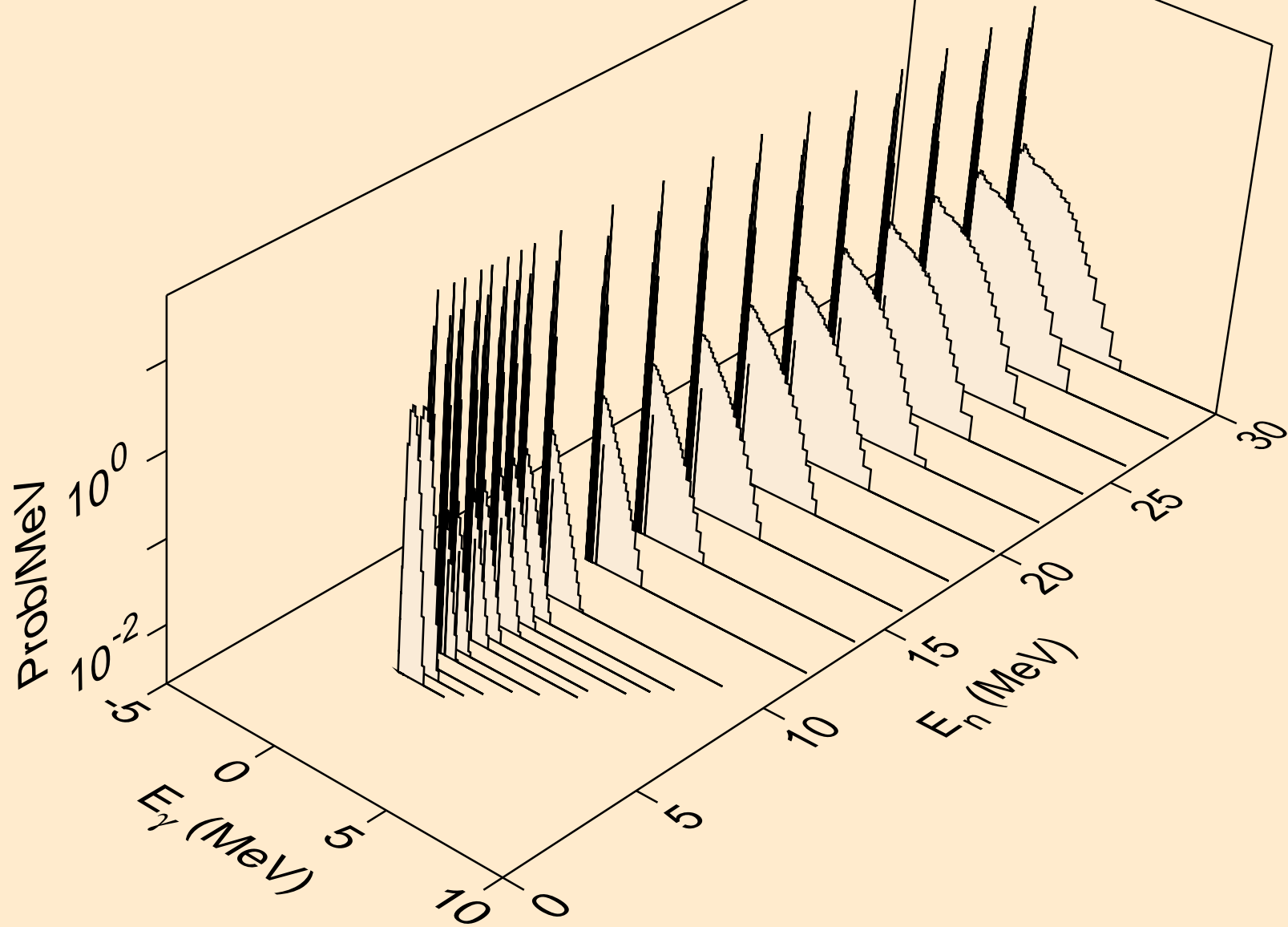
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3np)



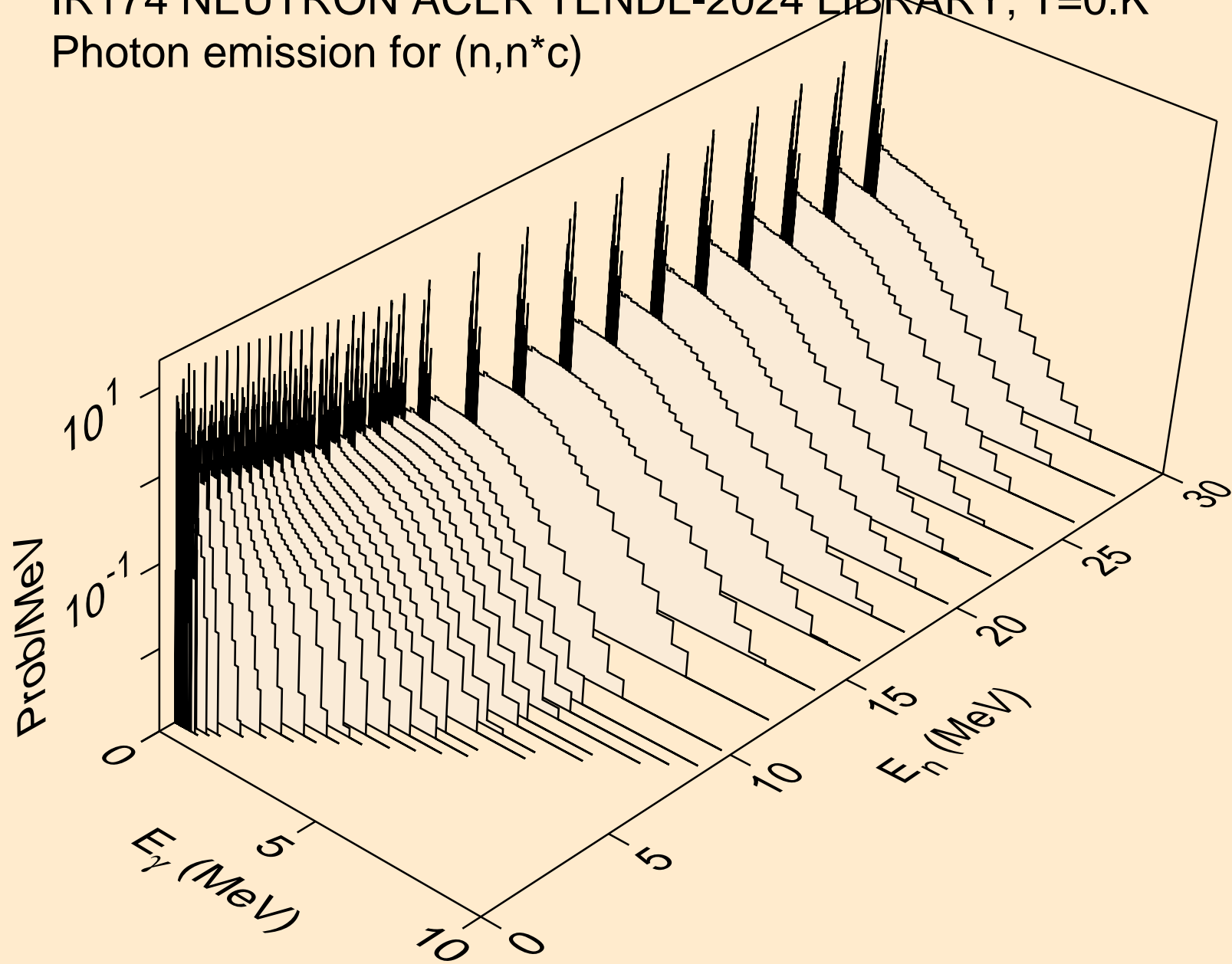
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



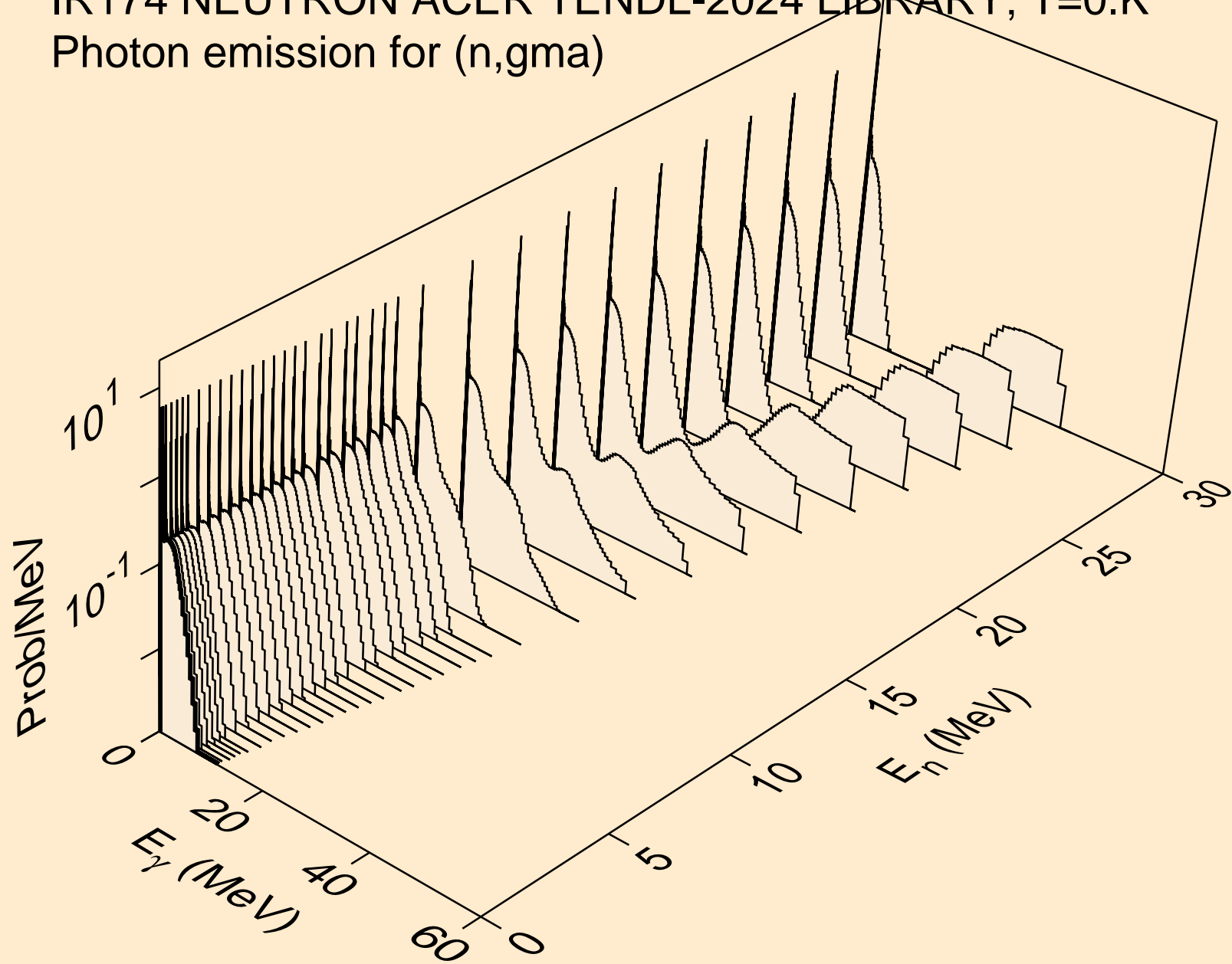
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



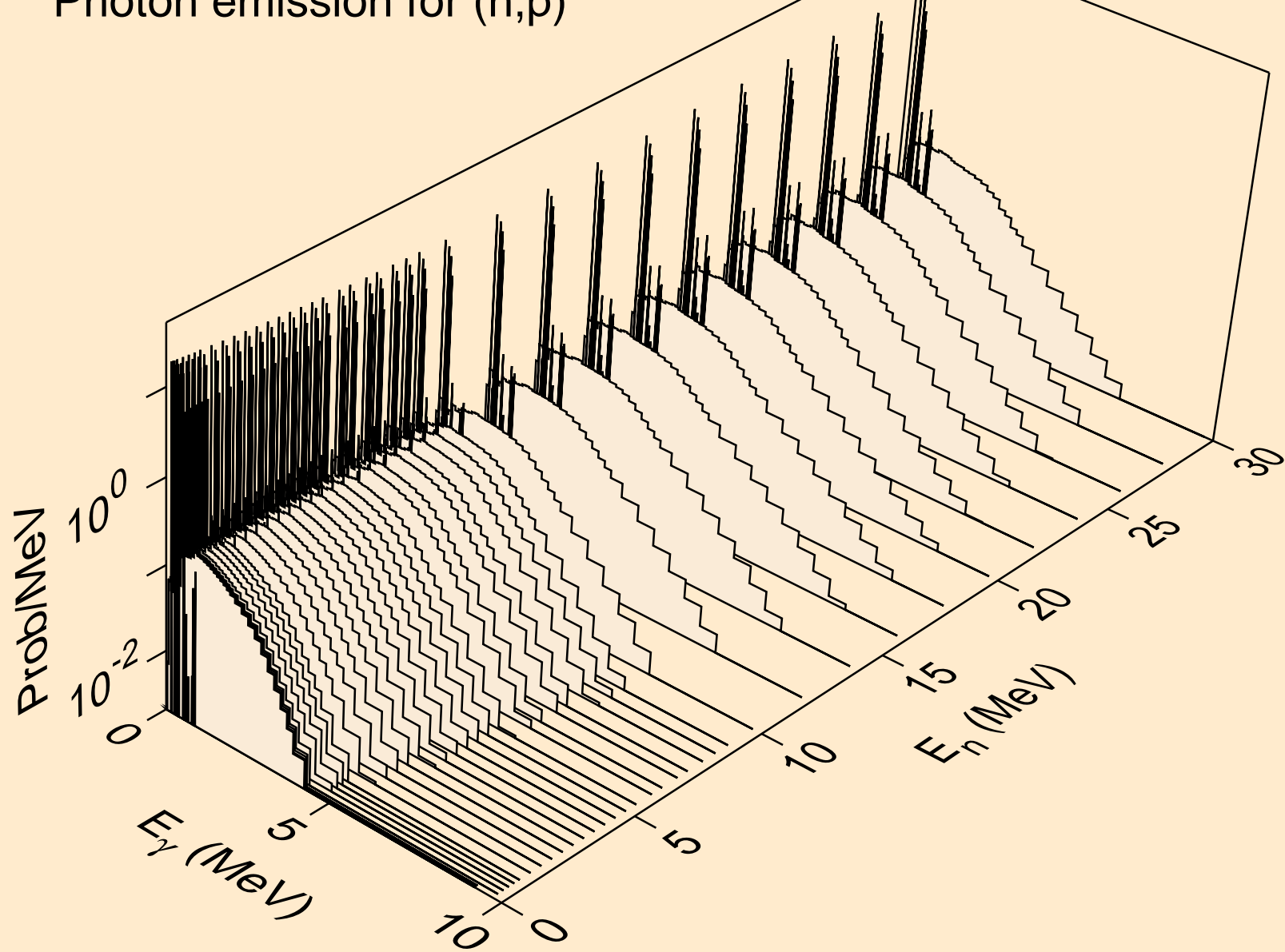
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*c)



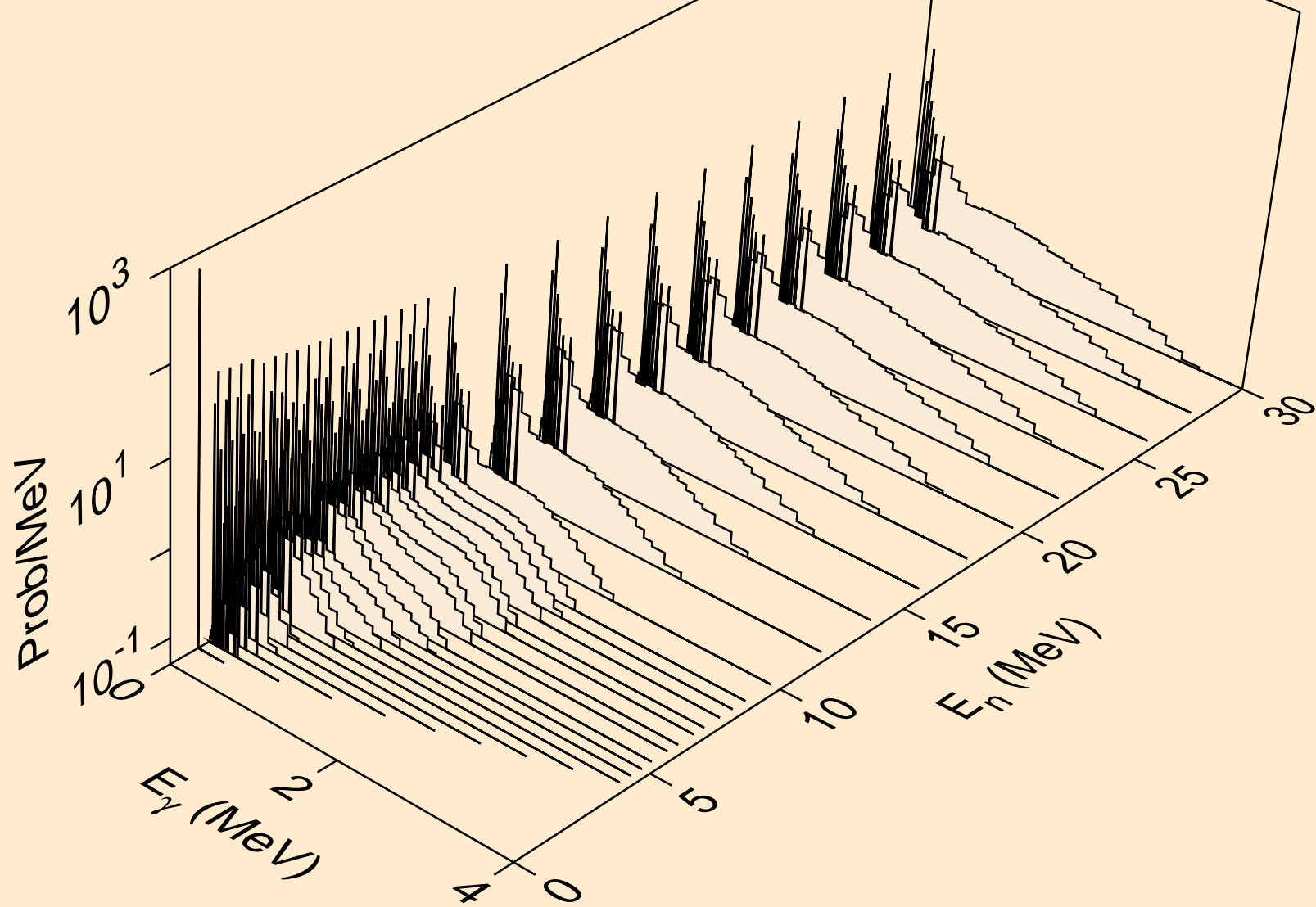
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



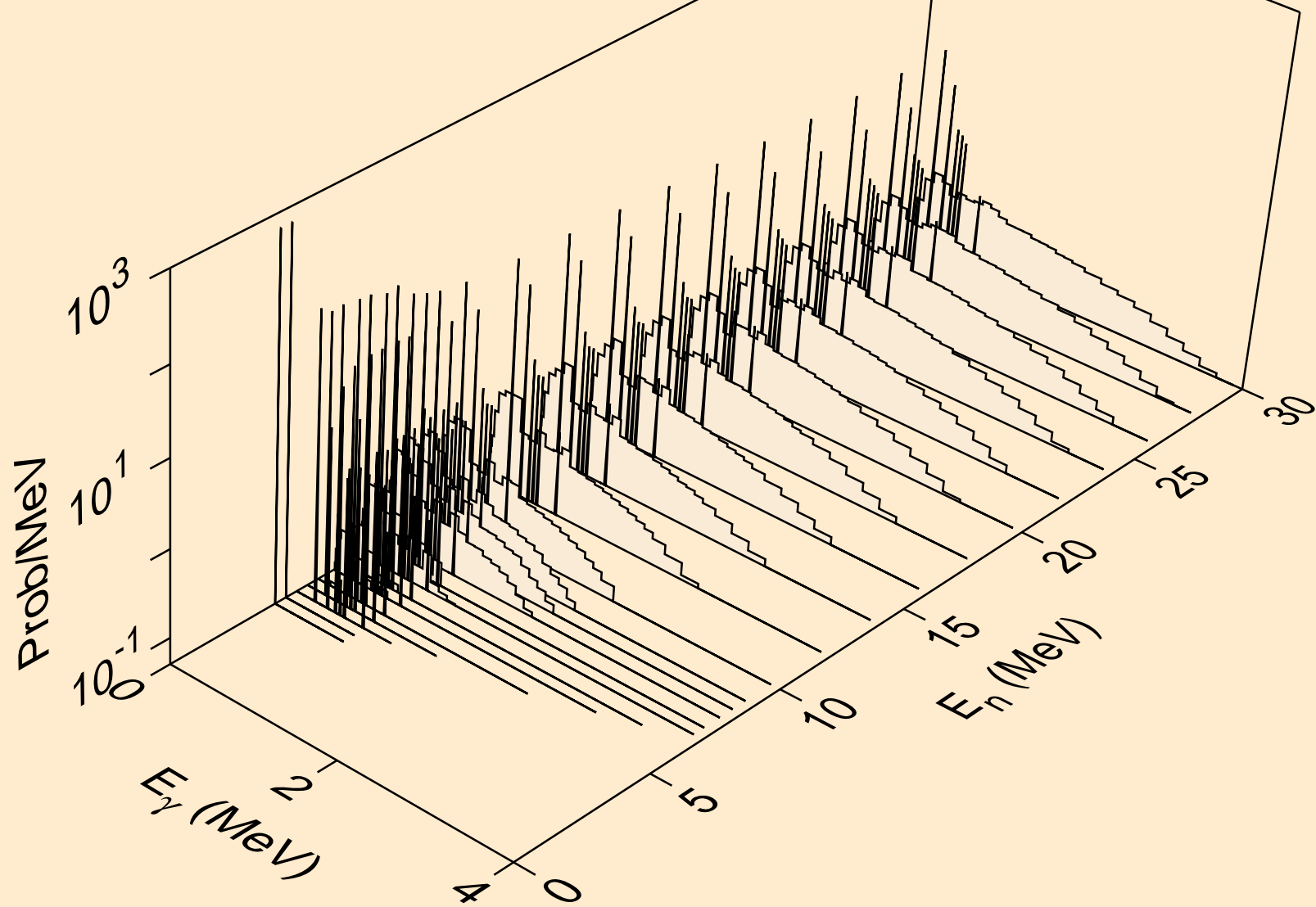
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)



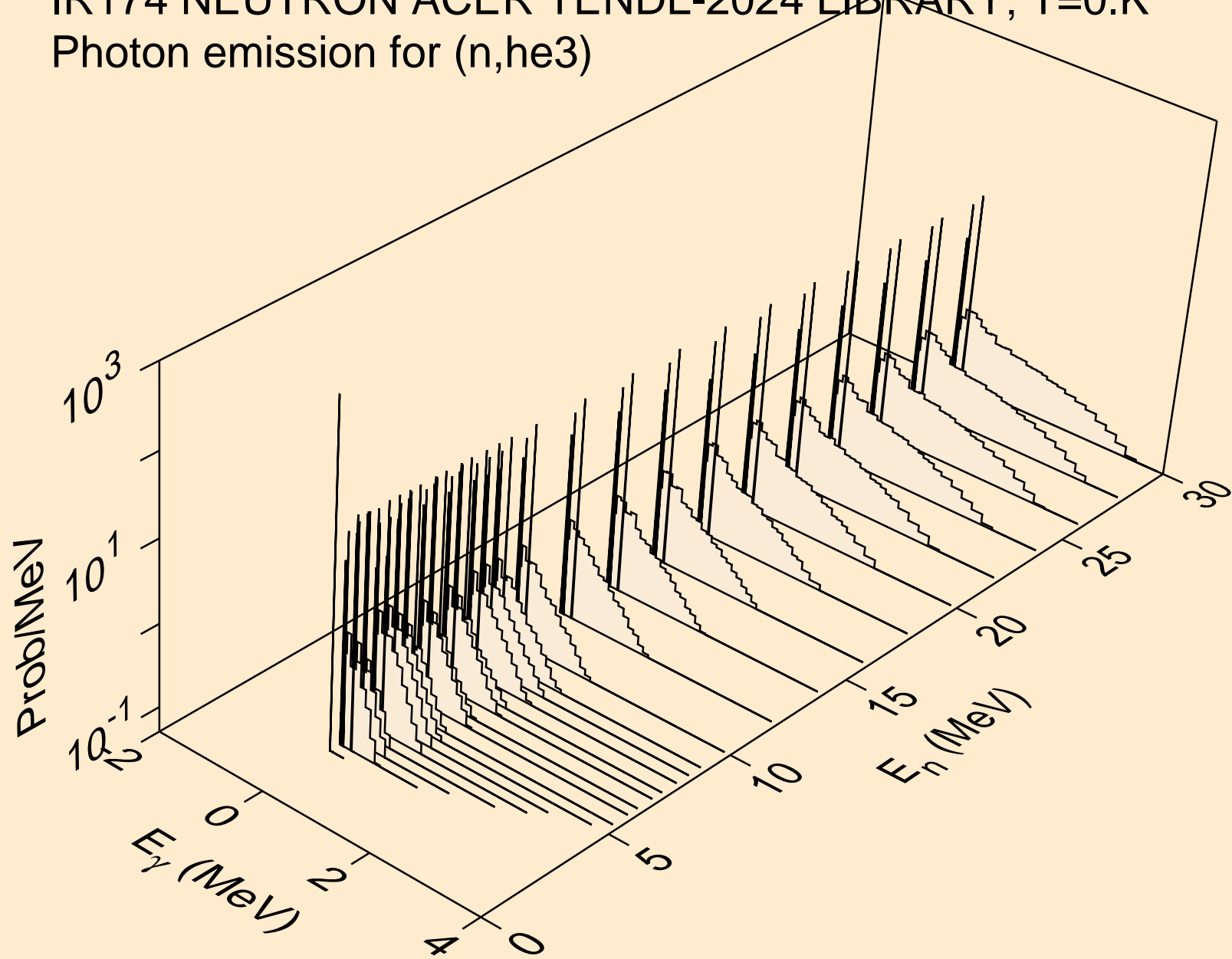
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



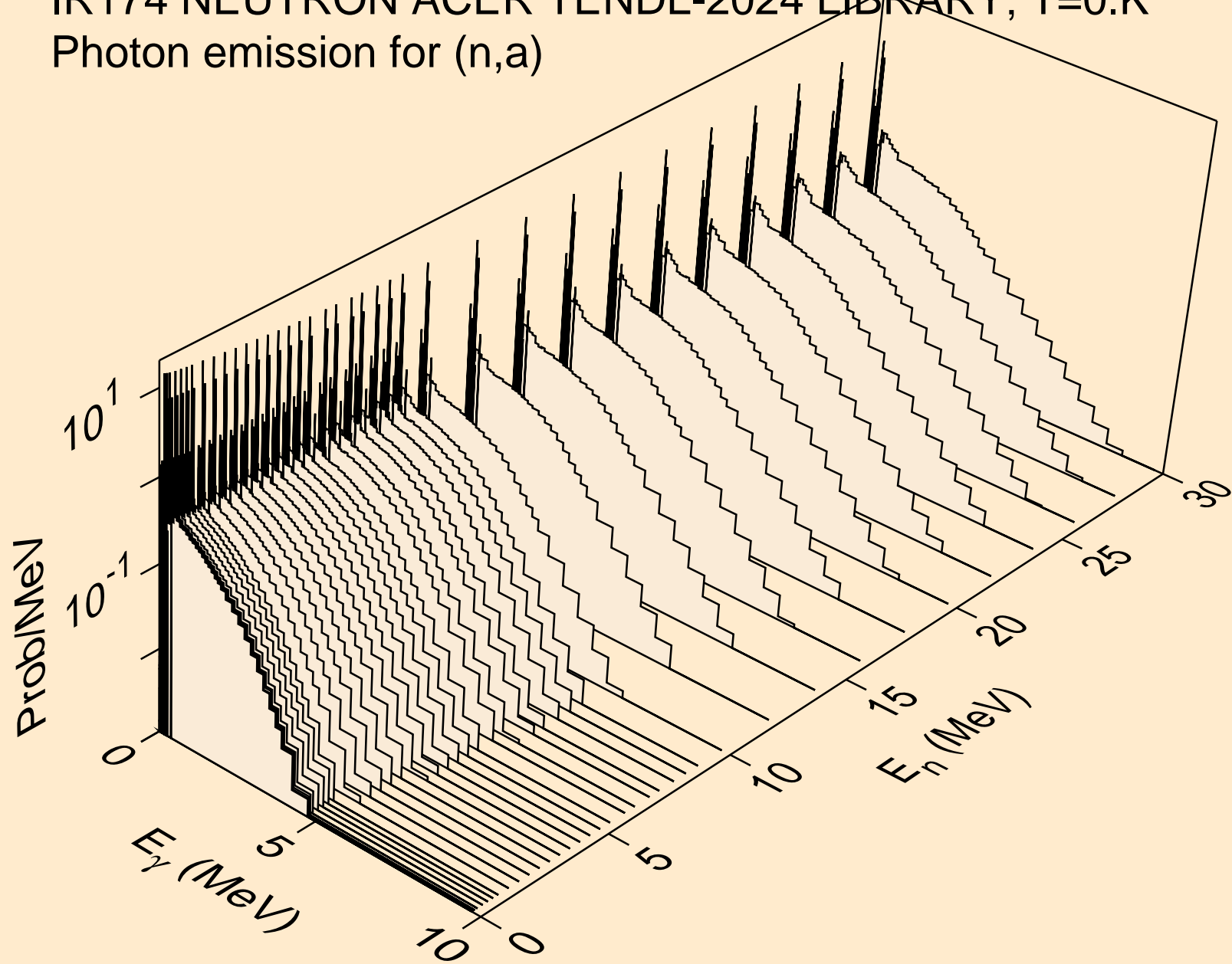
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



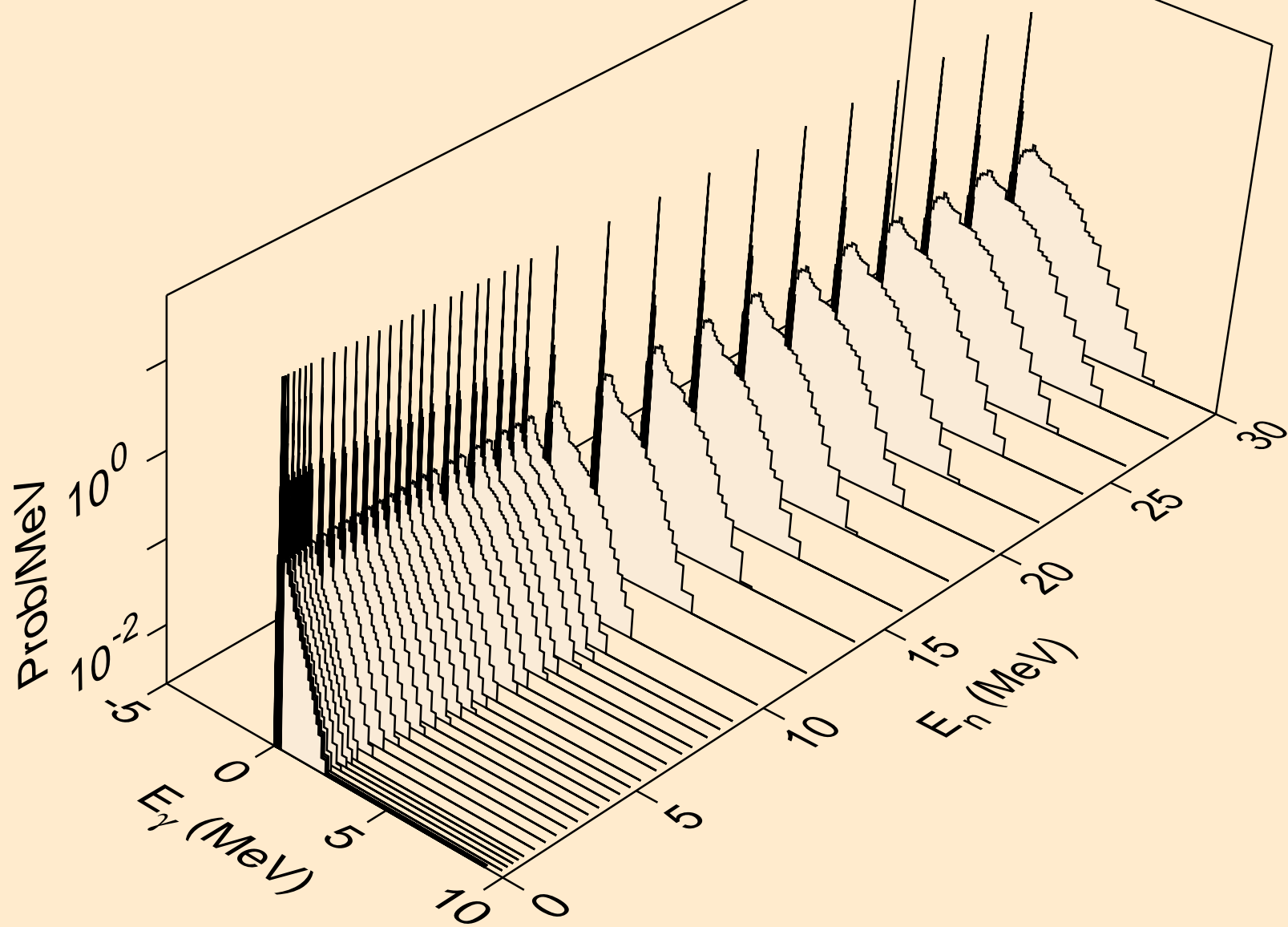
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



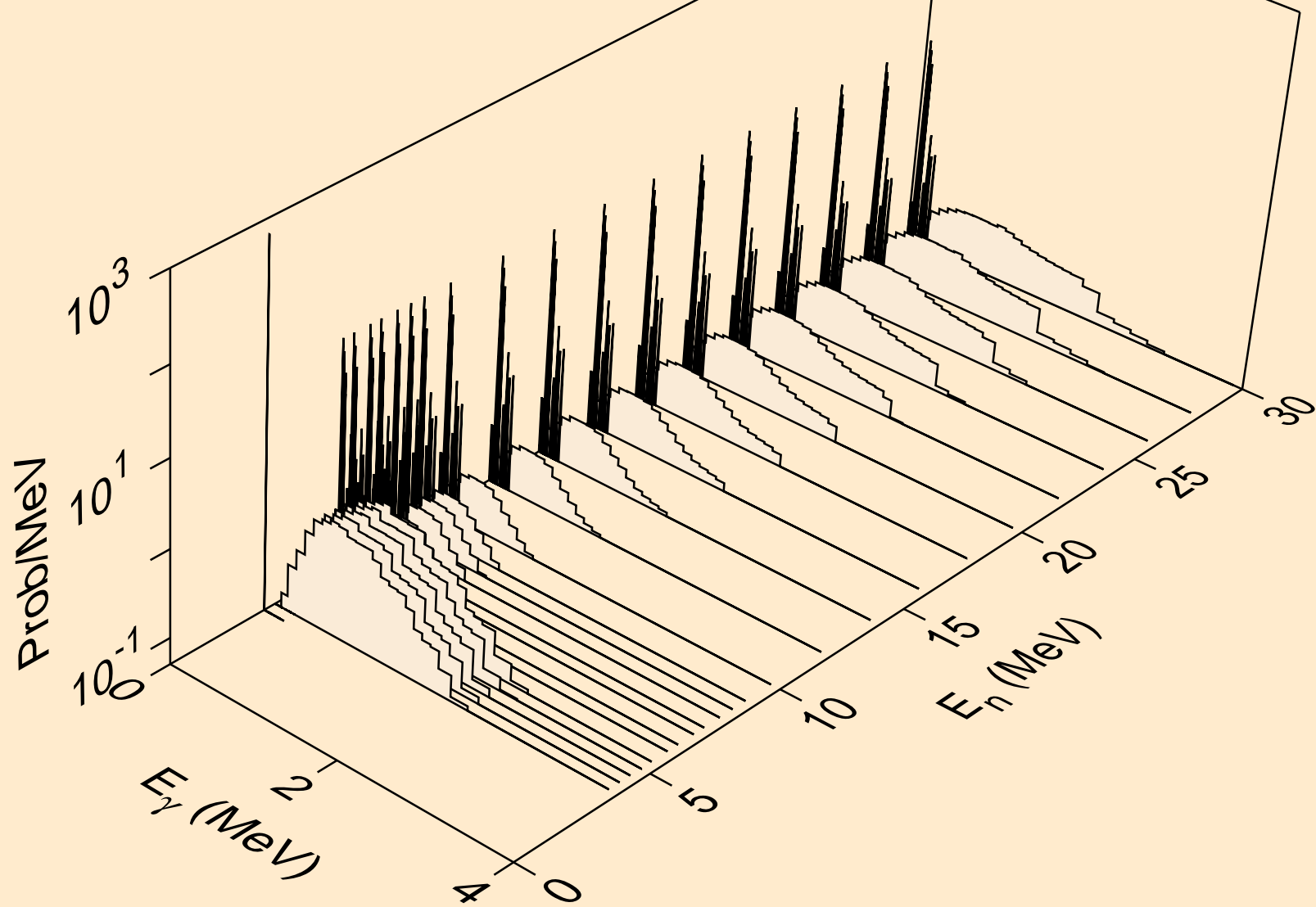
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



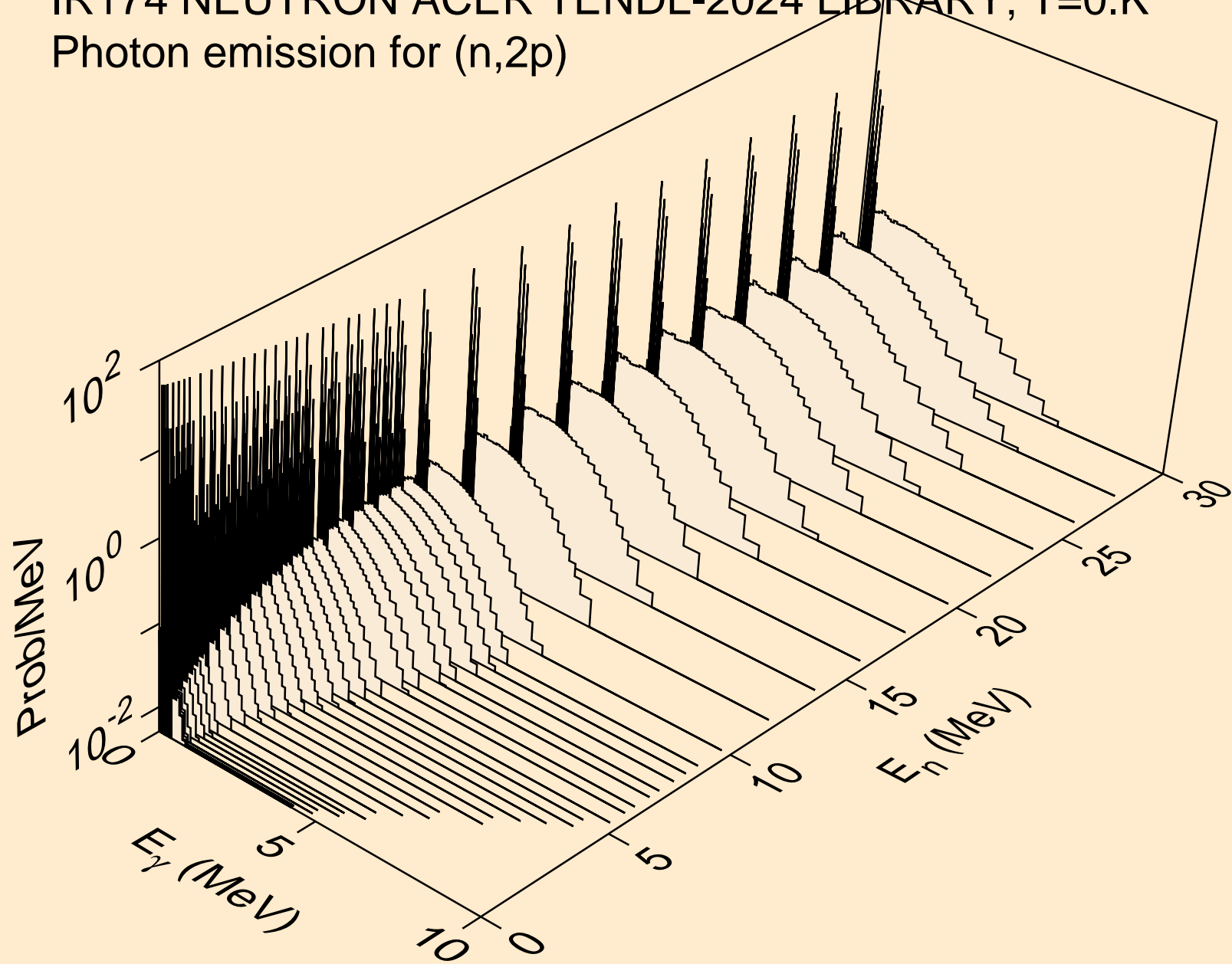
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



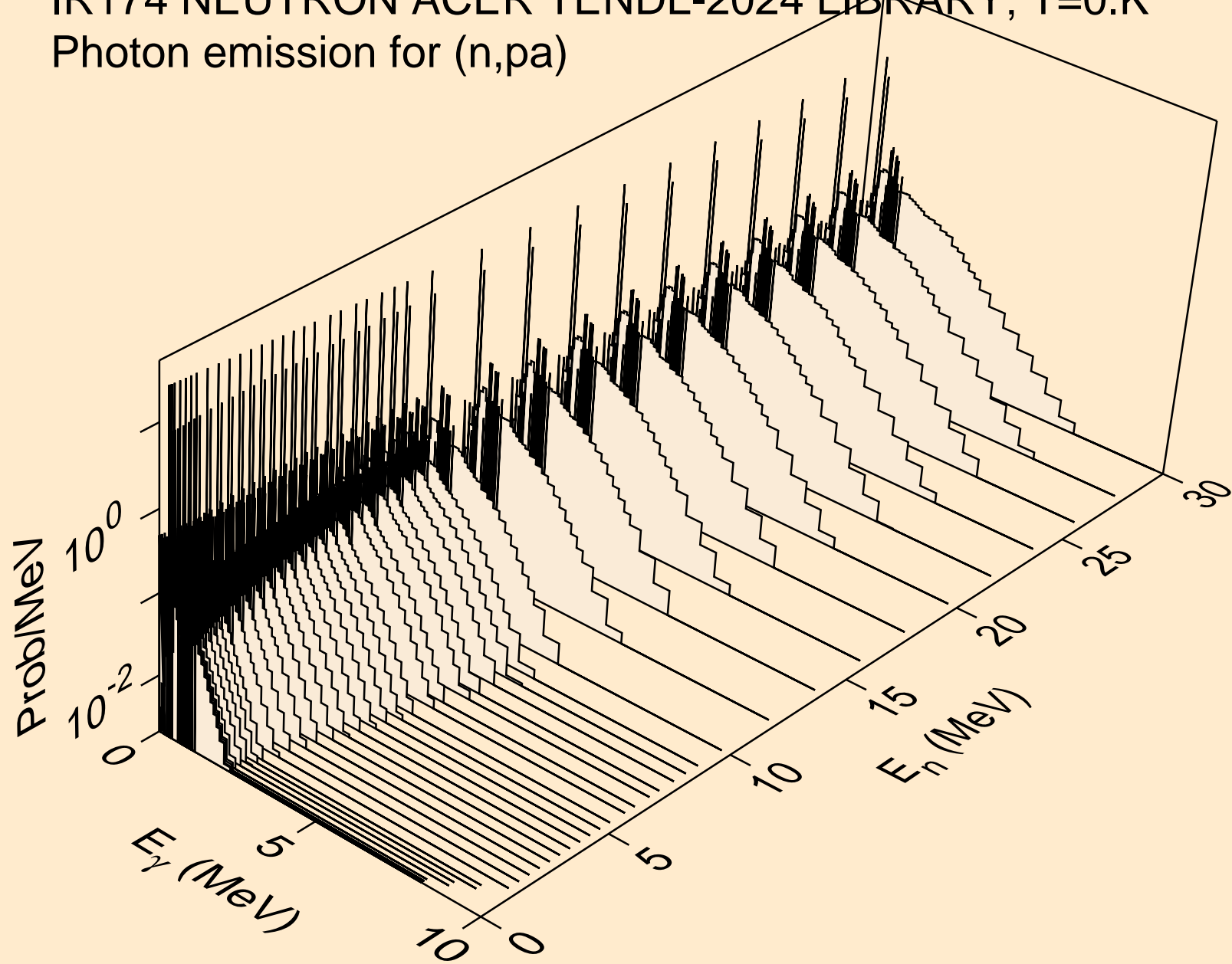
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3a)



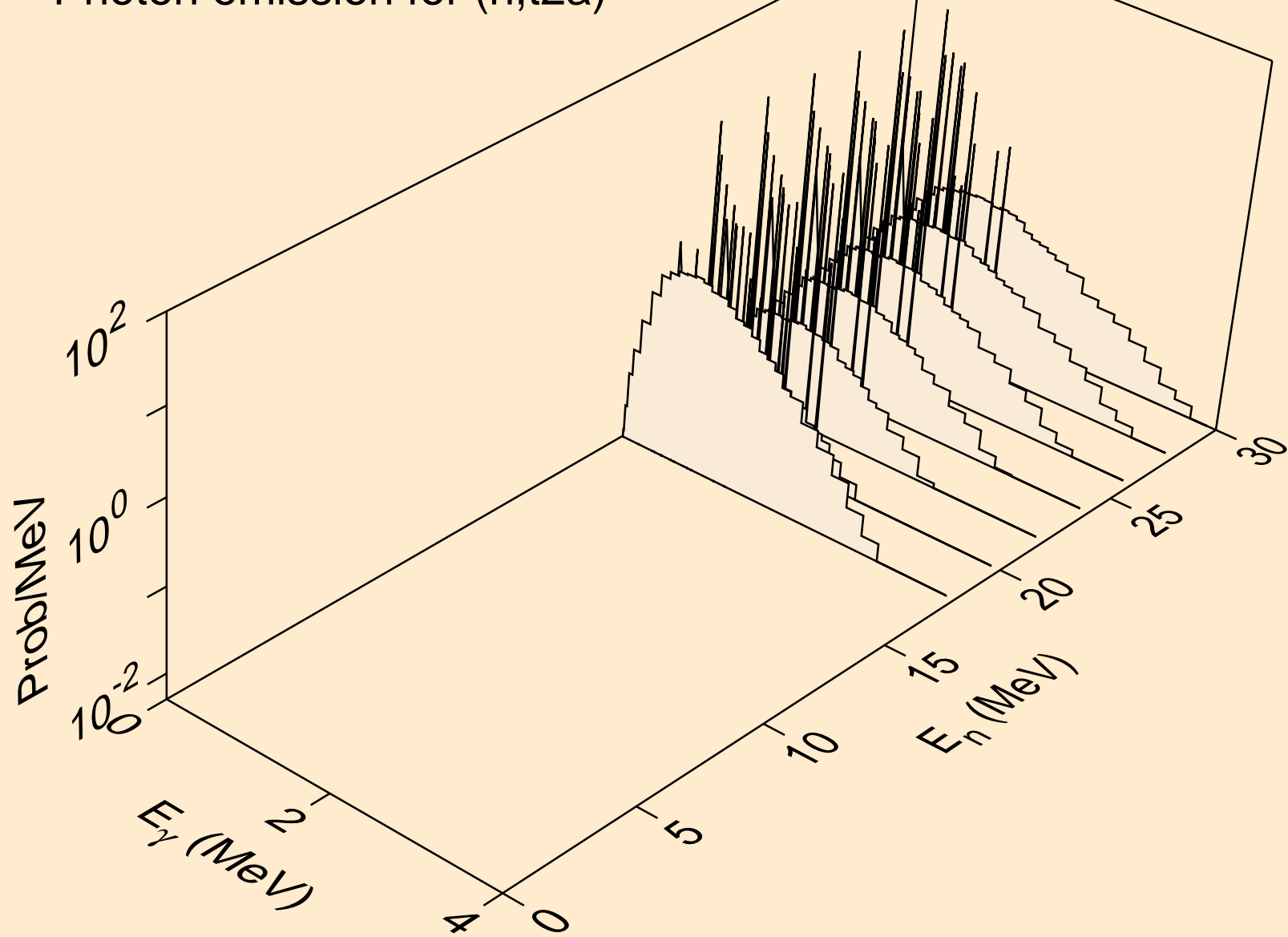
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)



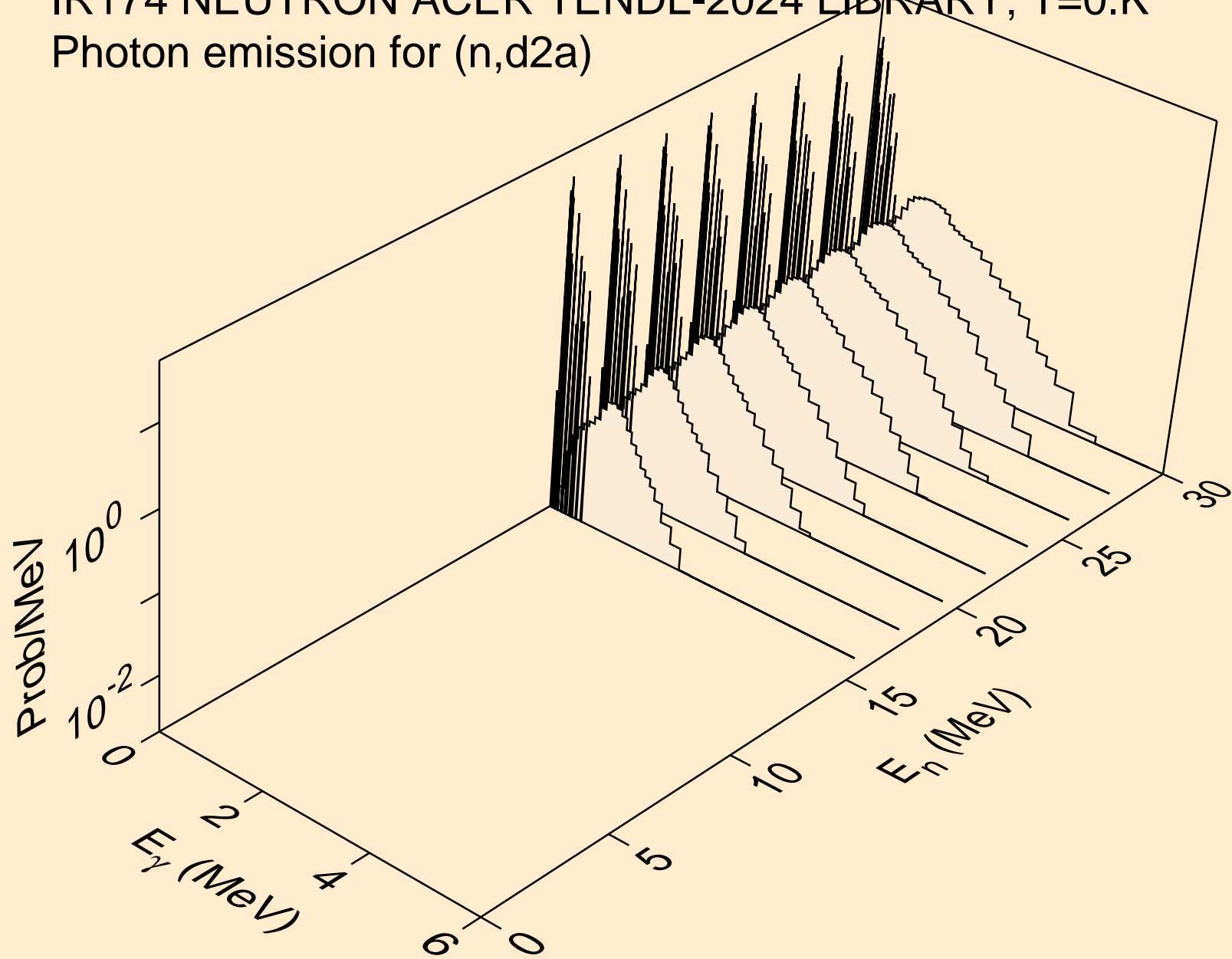
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p α)



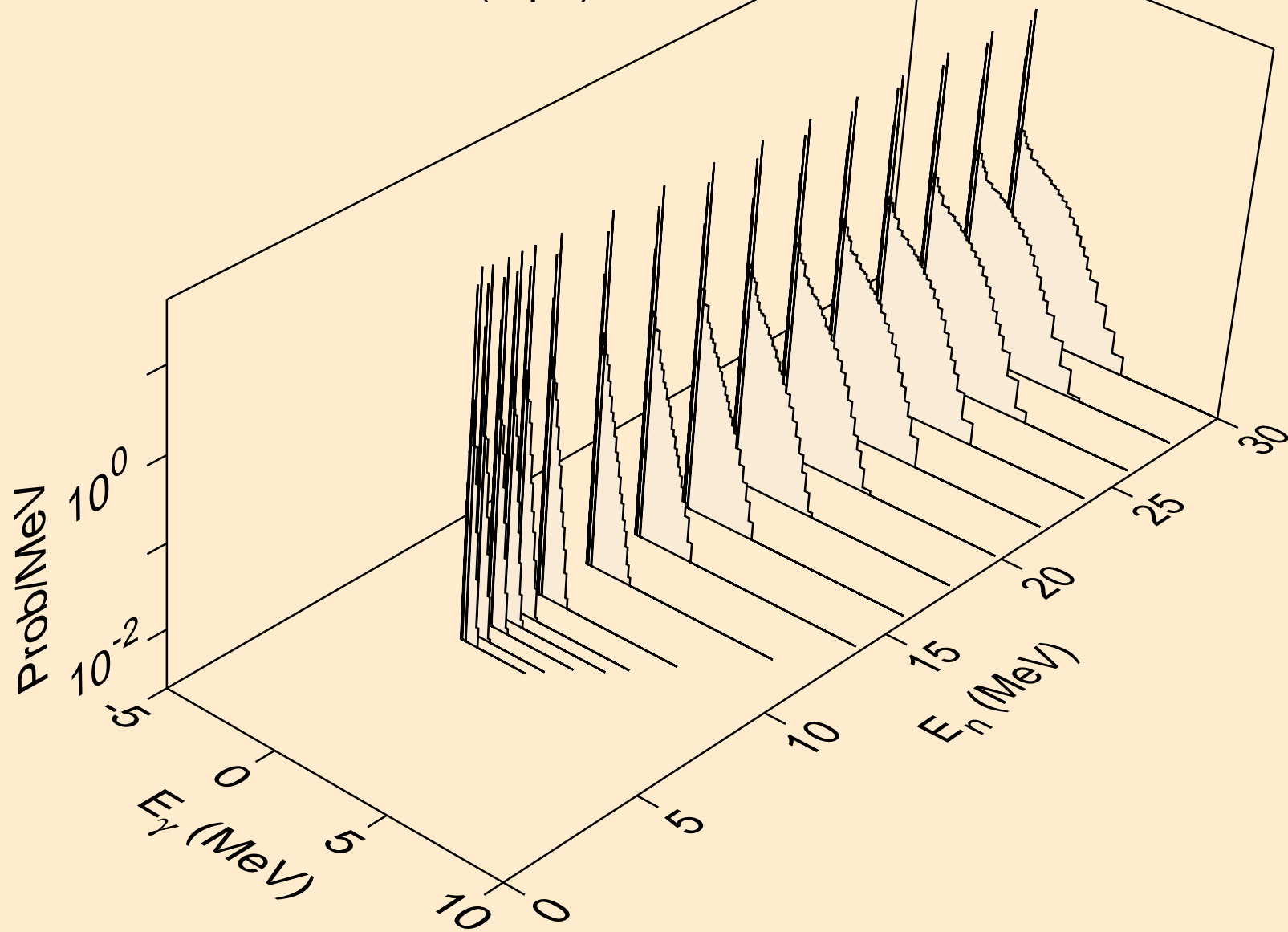
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t2a)



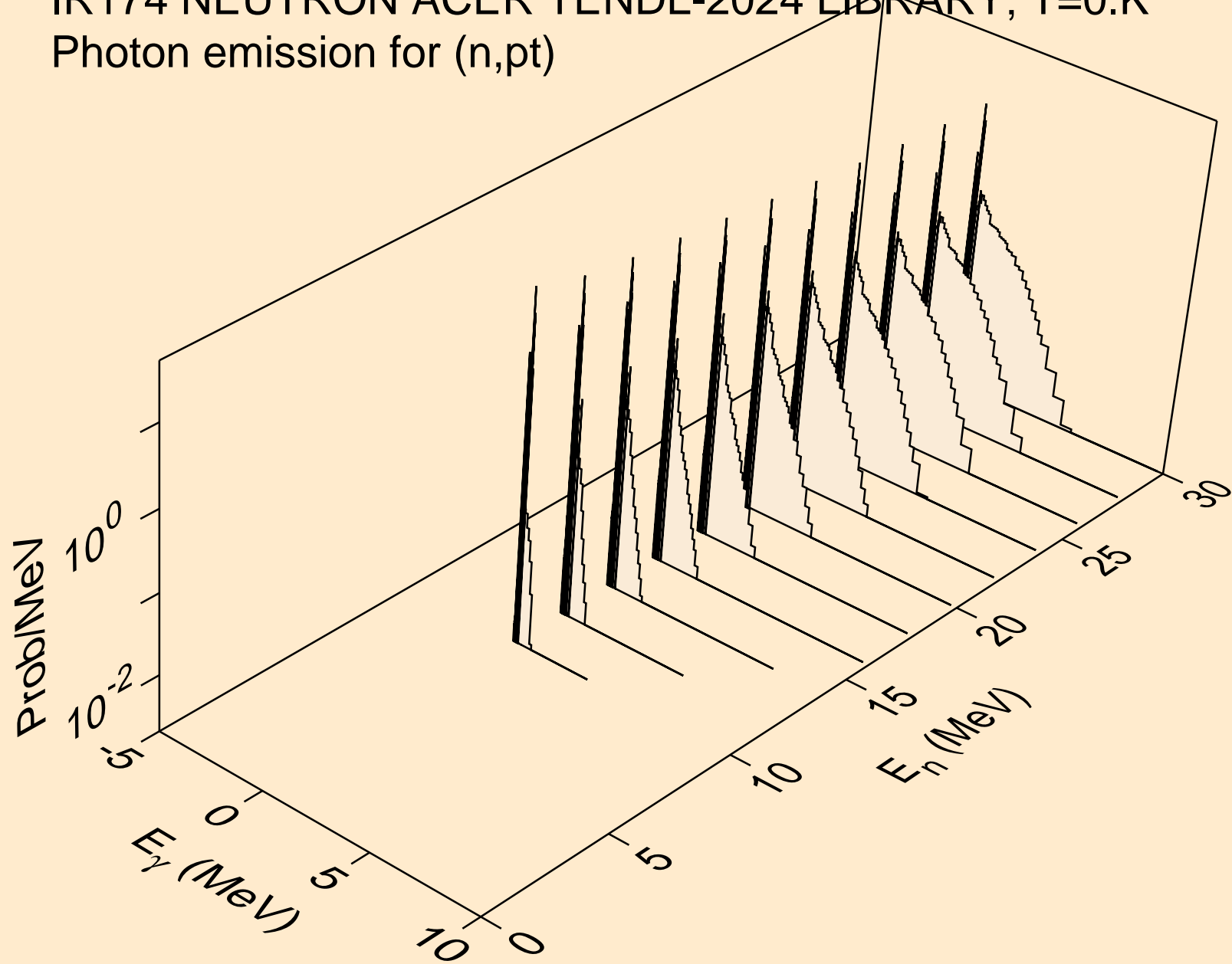
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d2a)



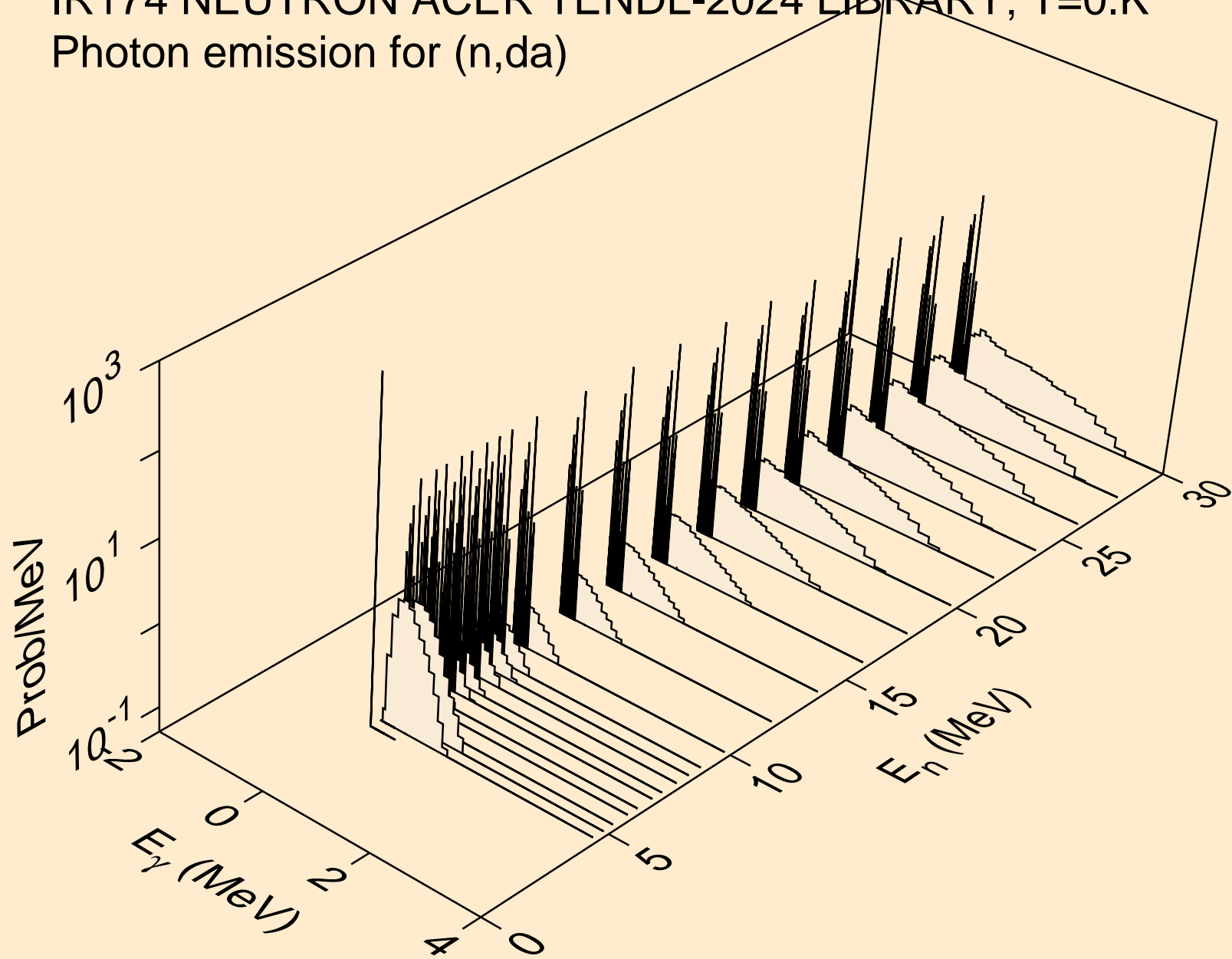
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)



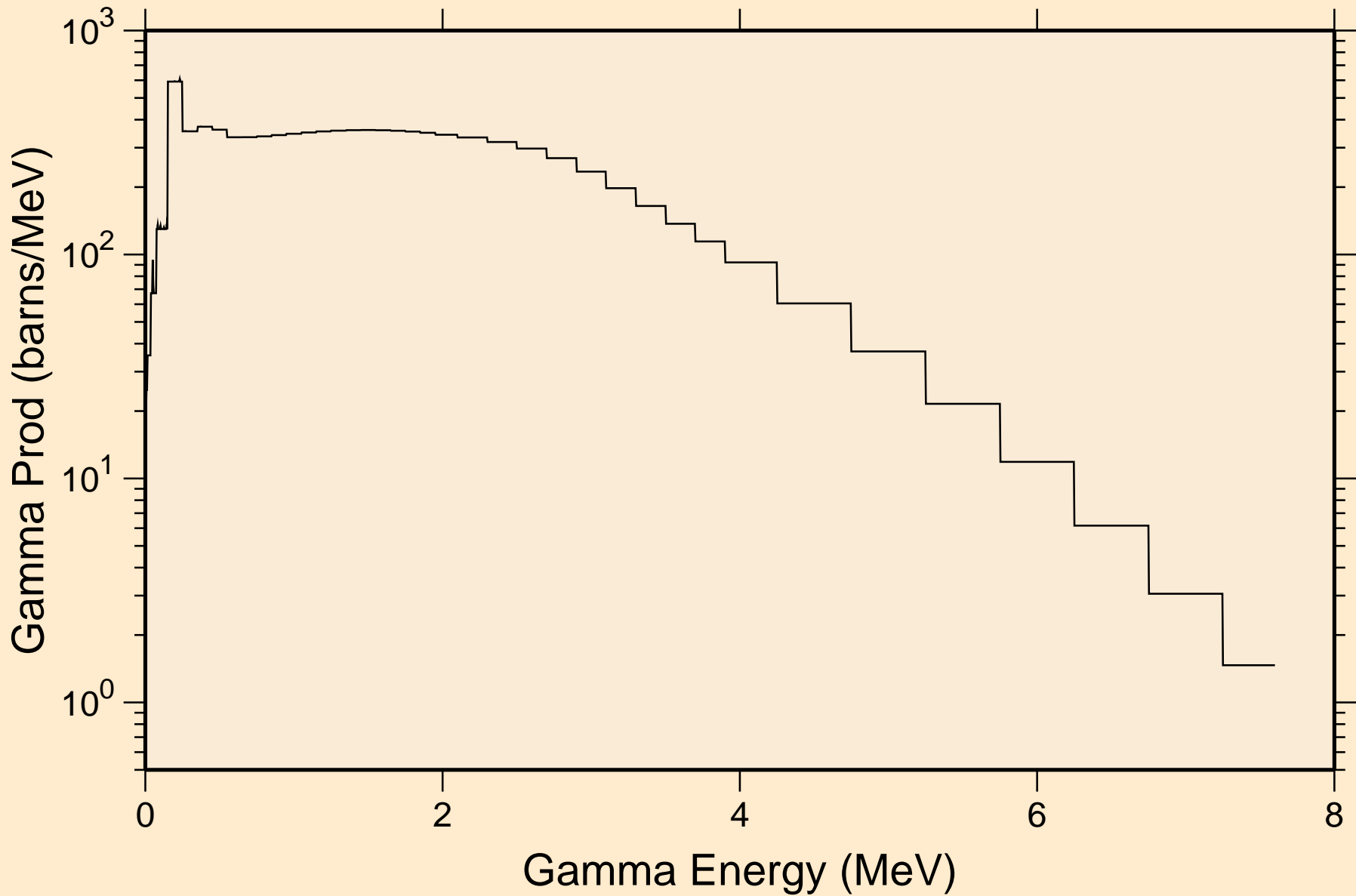
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pt)



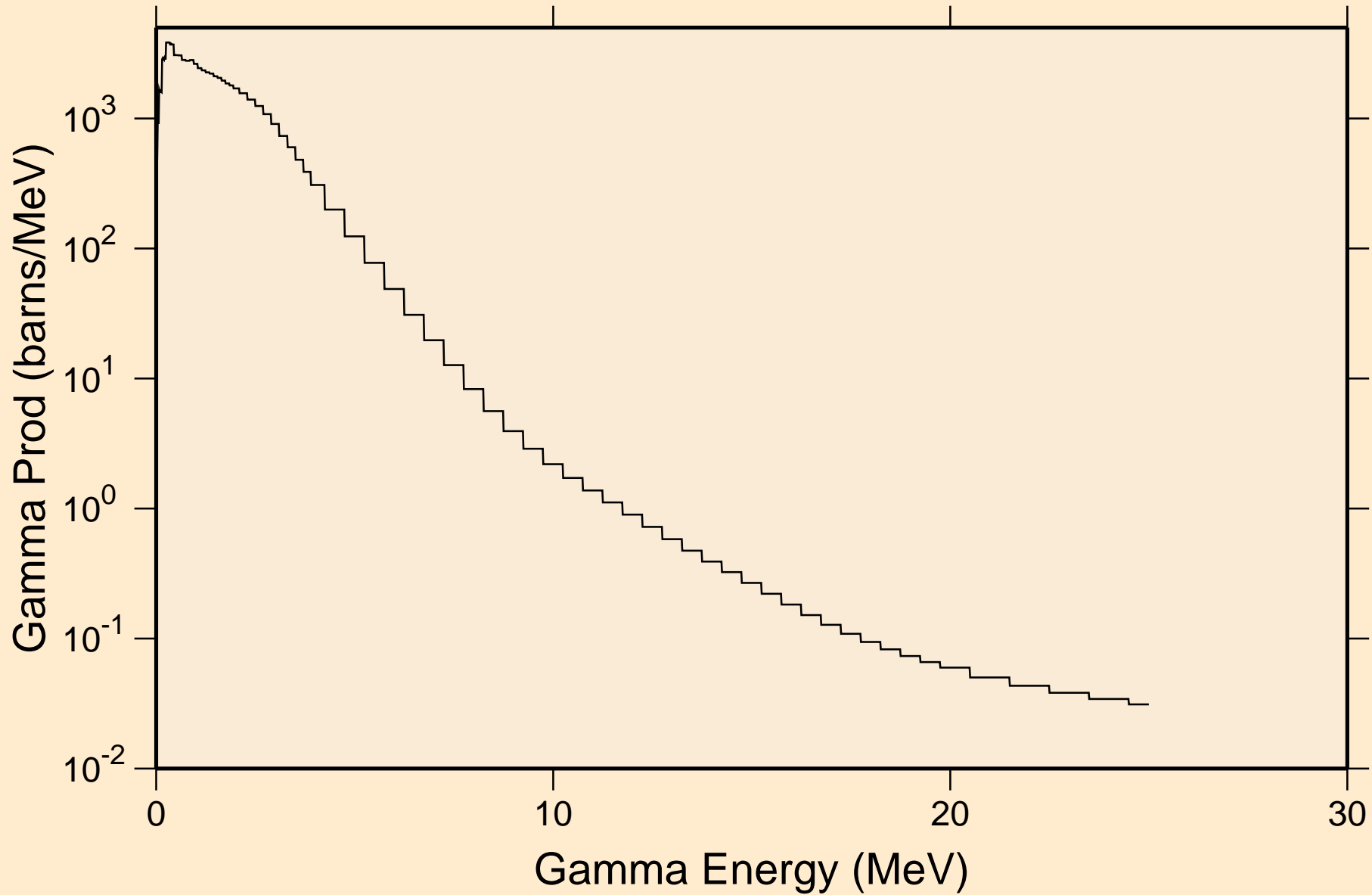
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
thermal capture photon spectrum

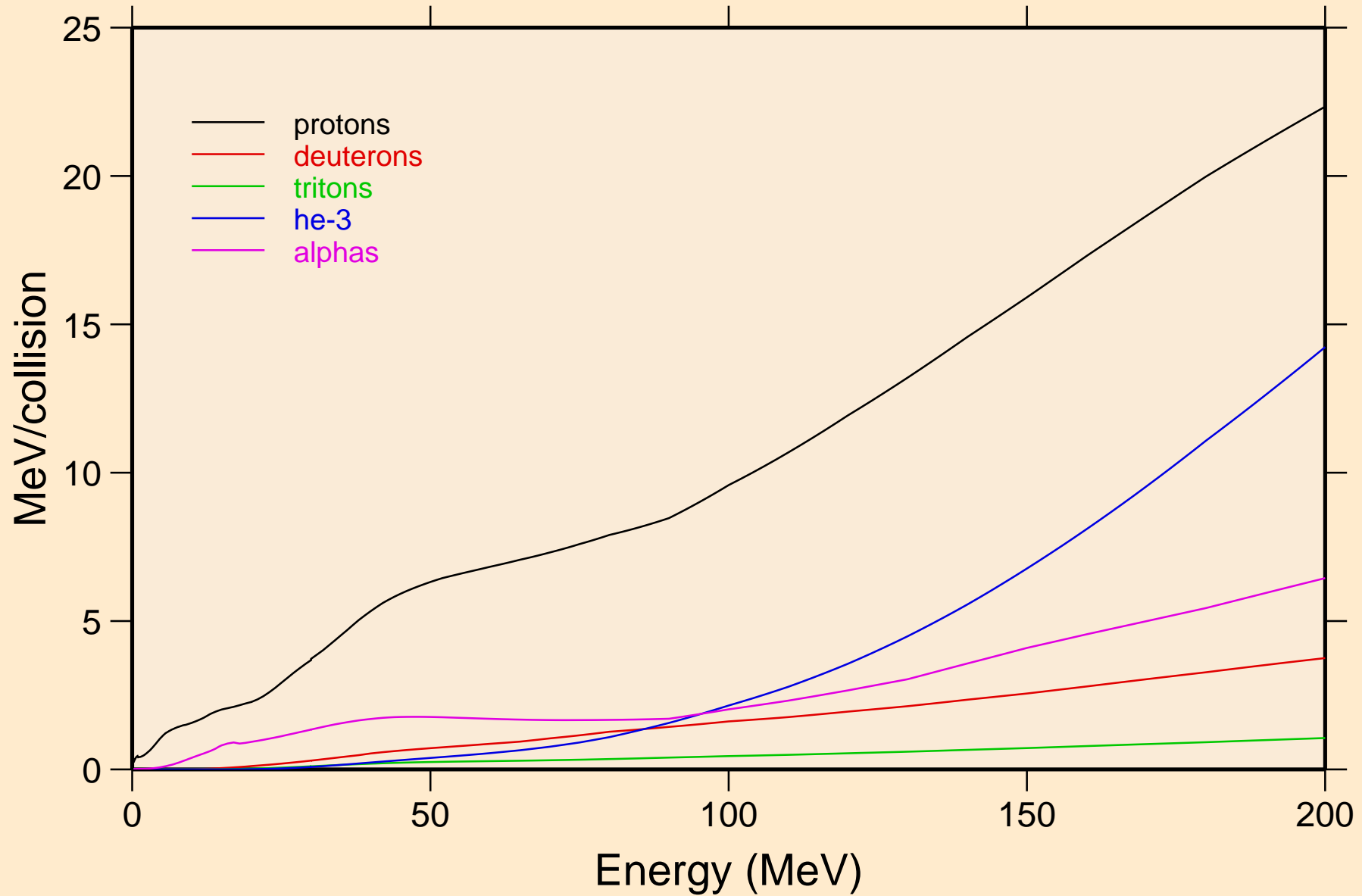


IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
14 MeV photon spectrum

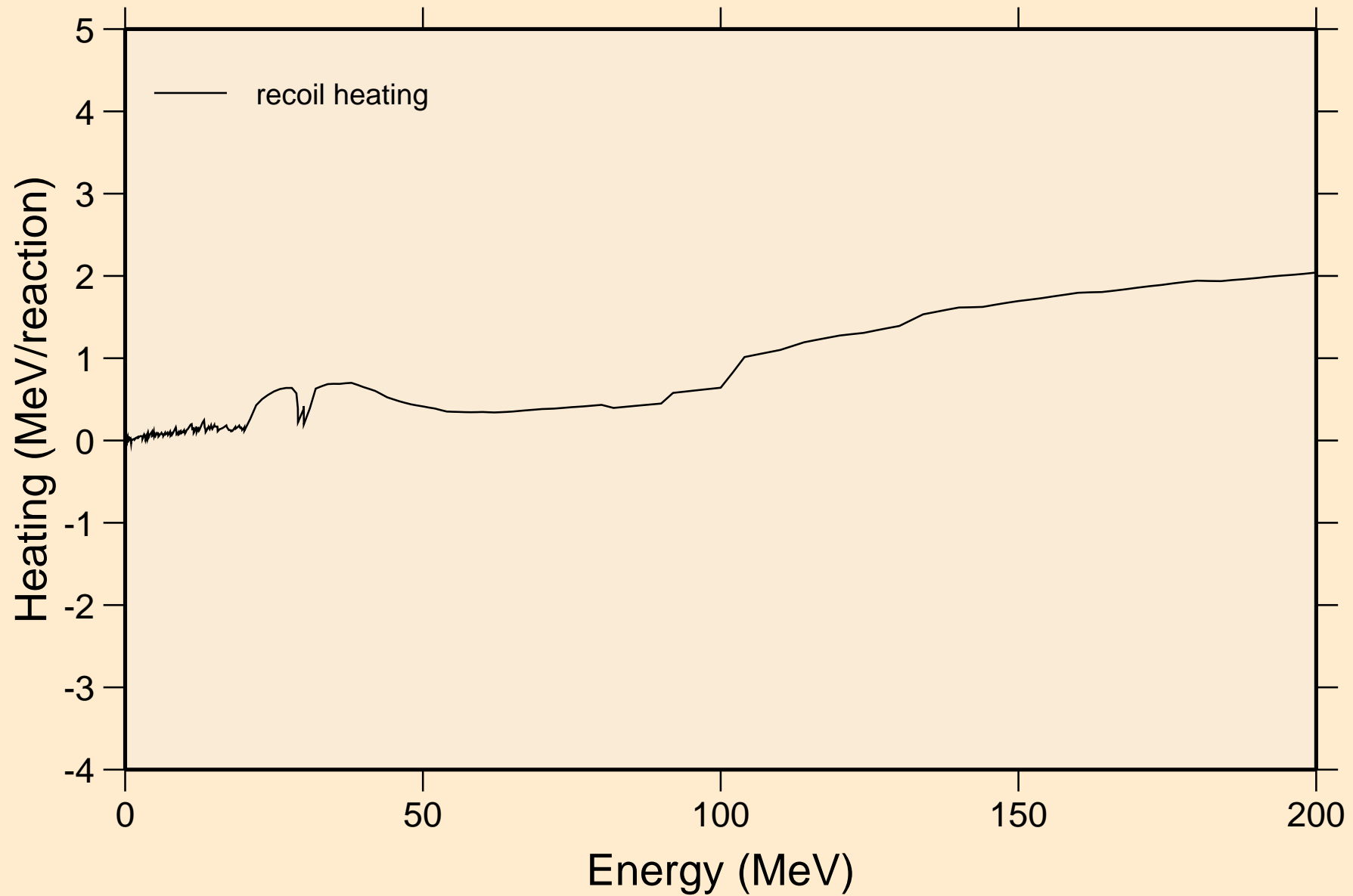


IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions

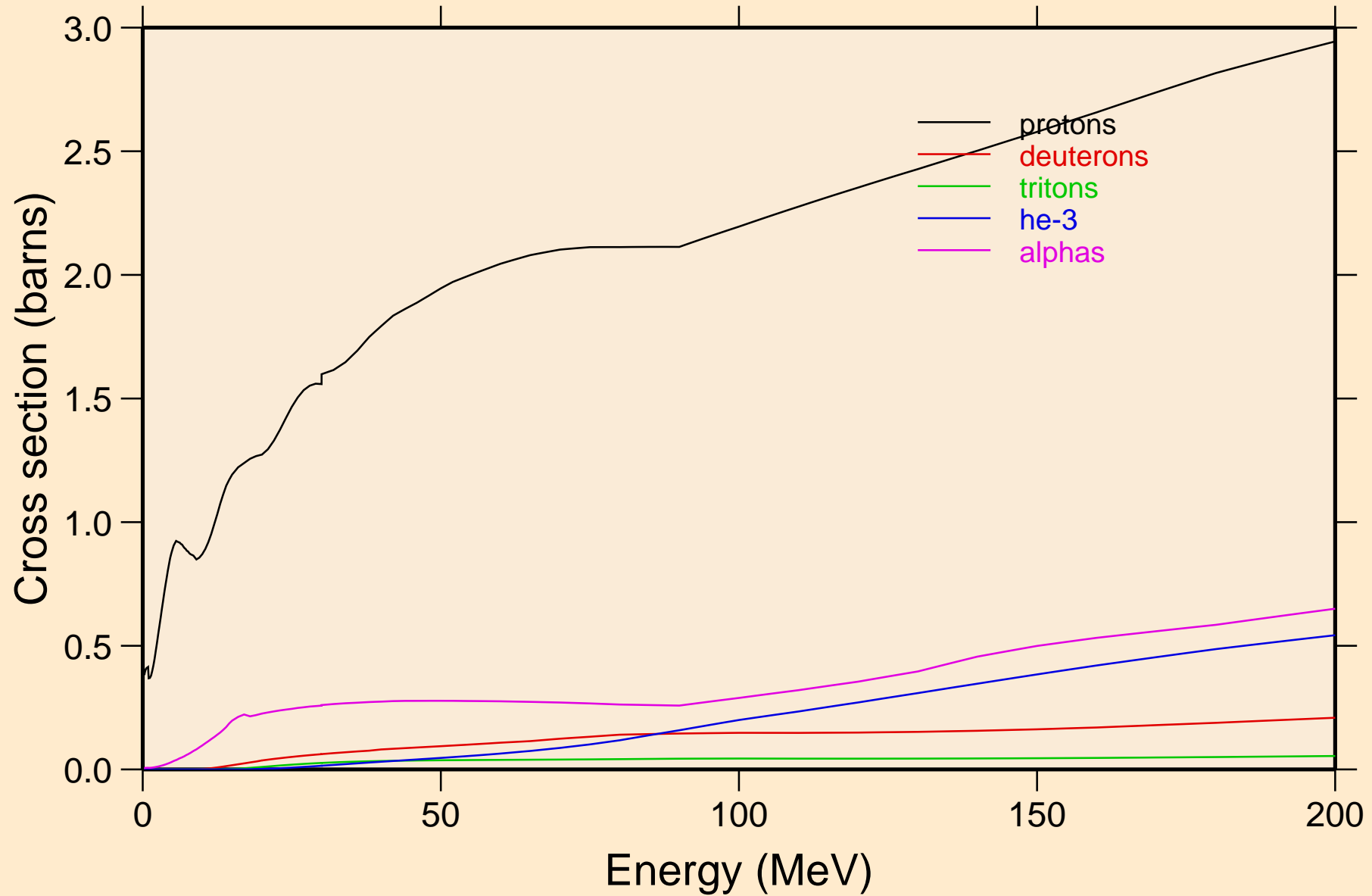


IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Recoil Heating

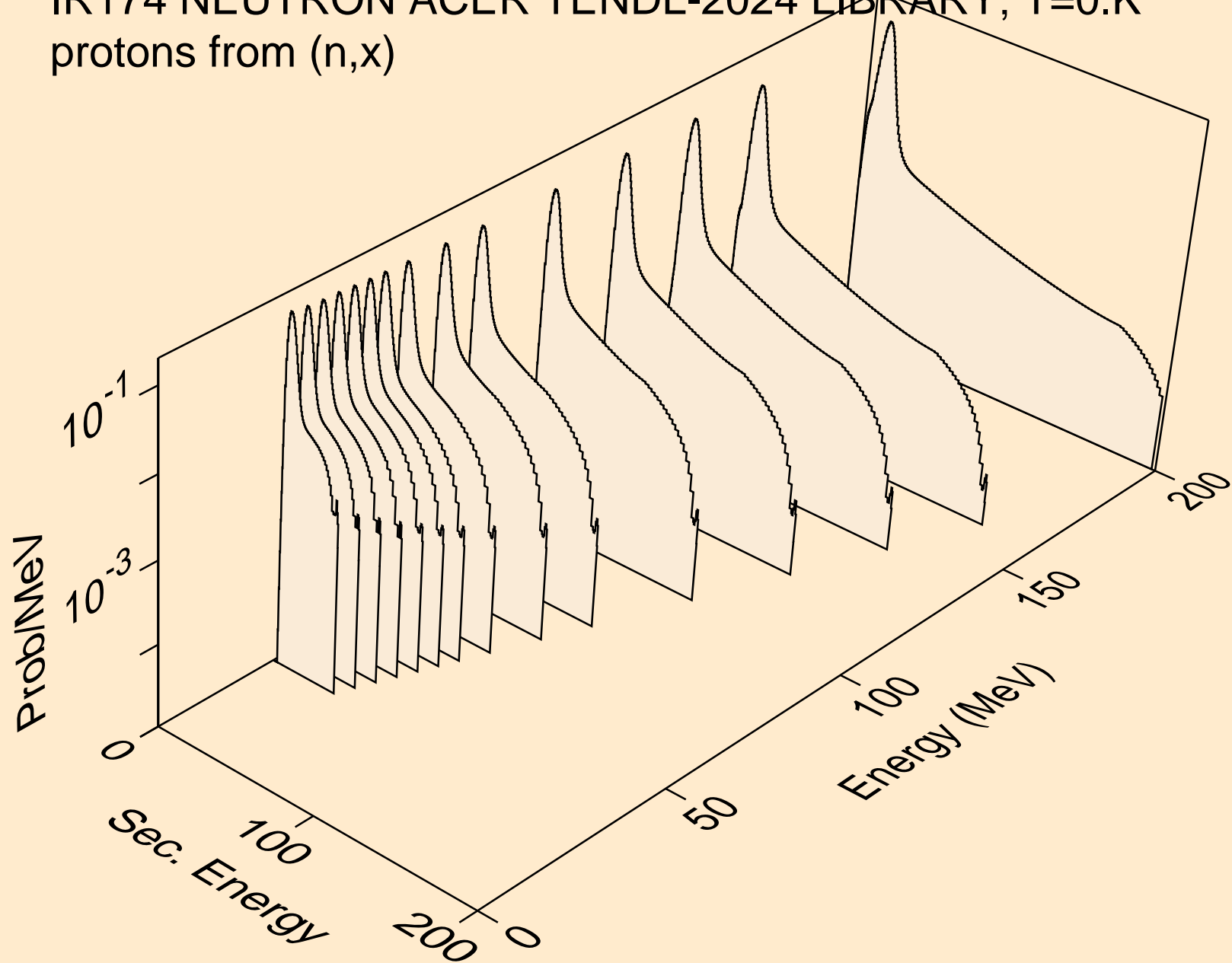


IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

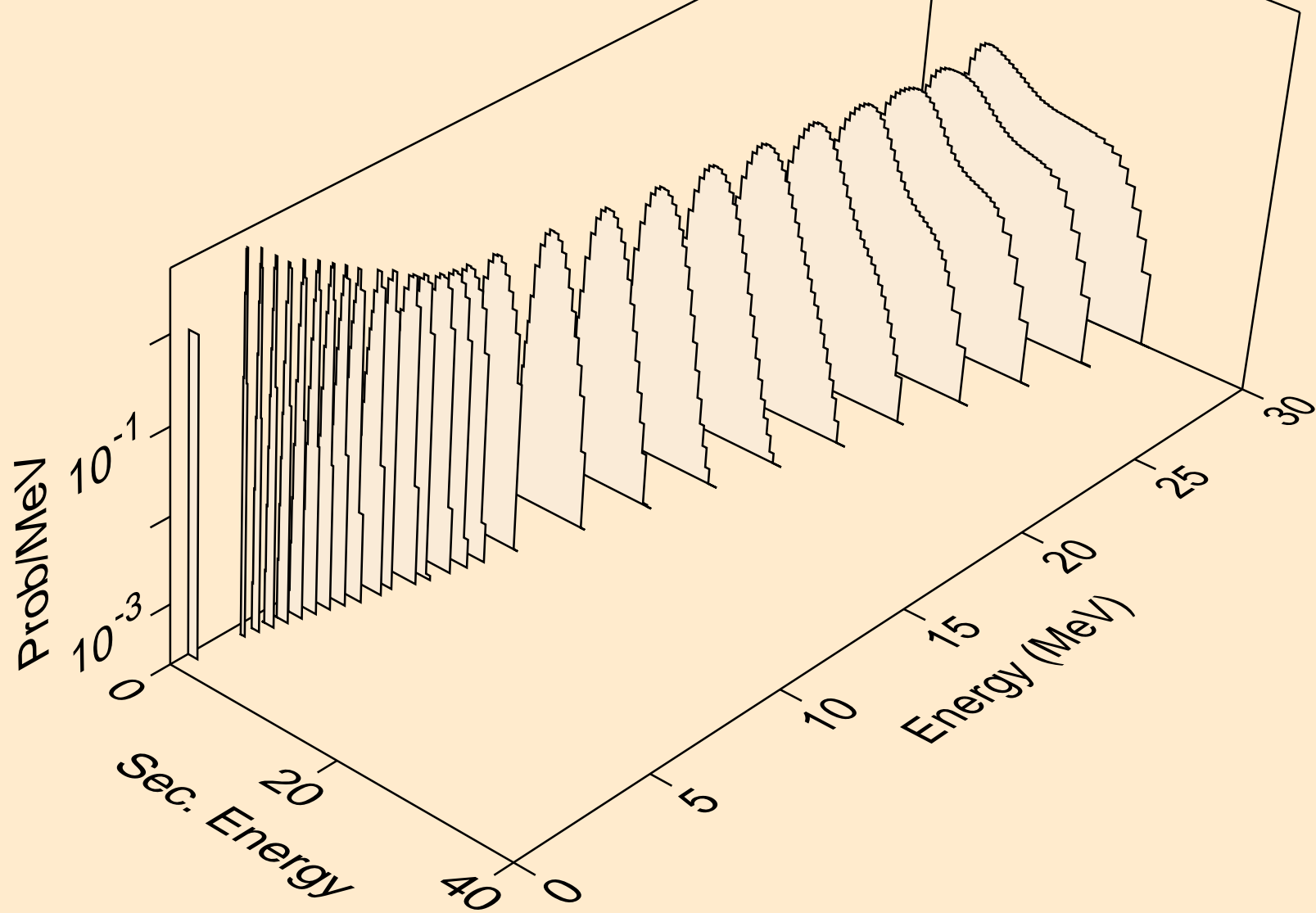
Particle production cross sections



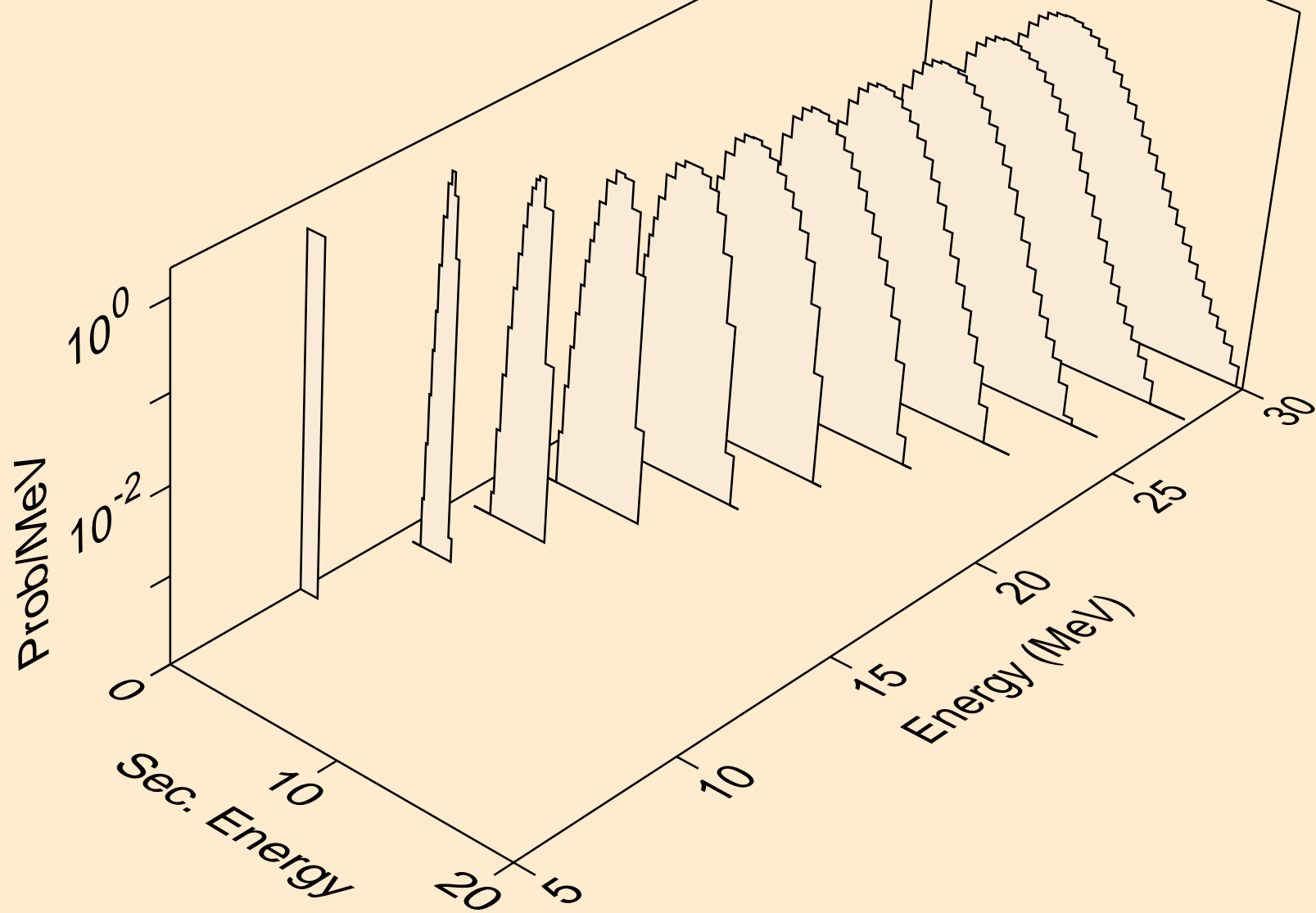
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,x)



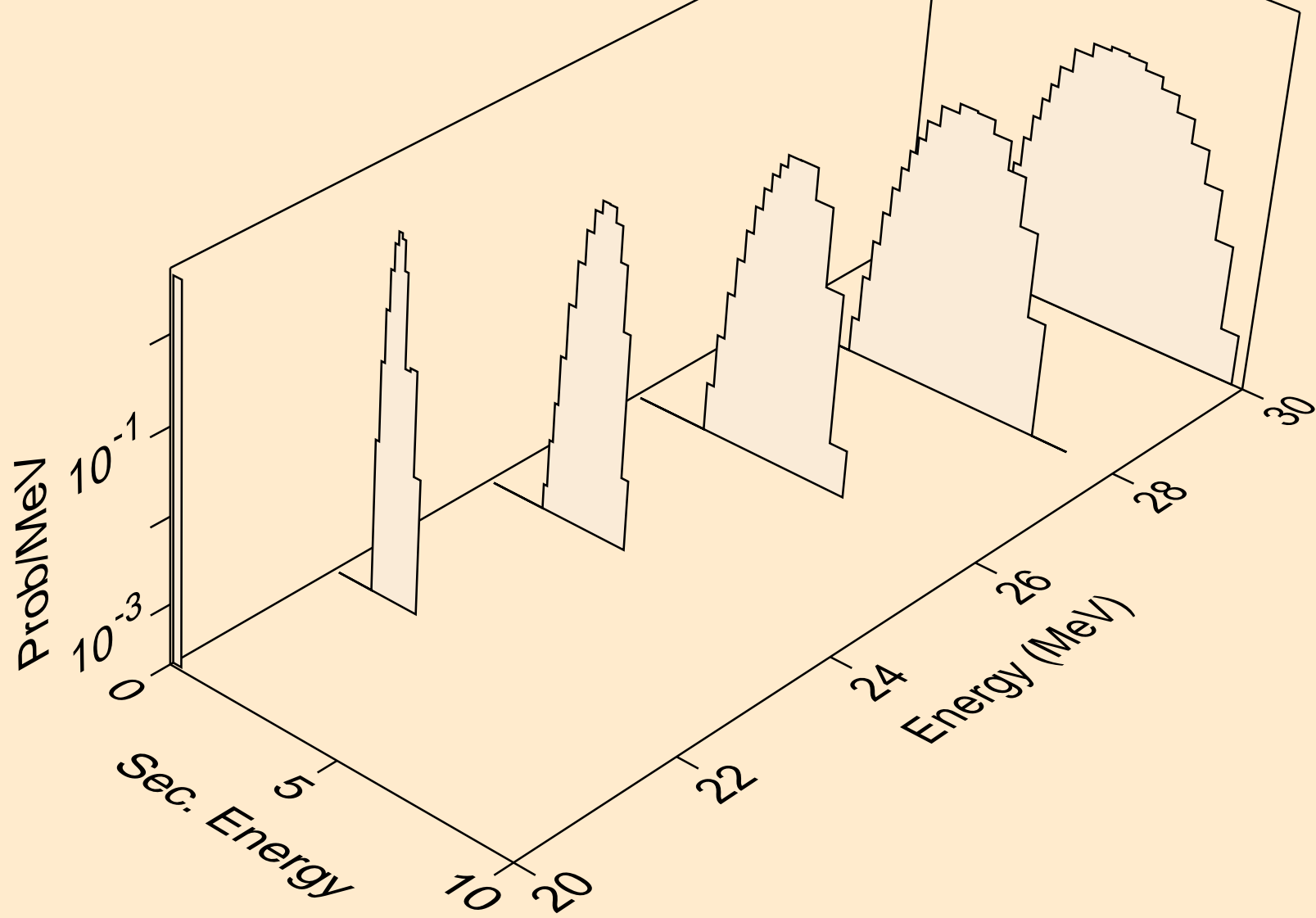
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n*)p



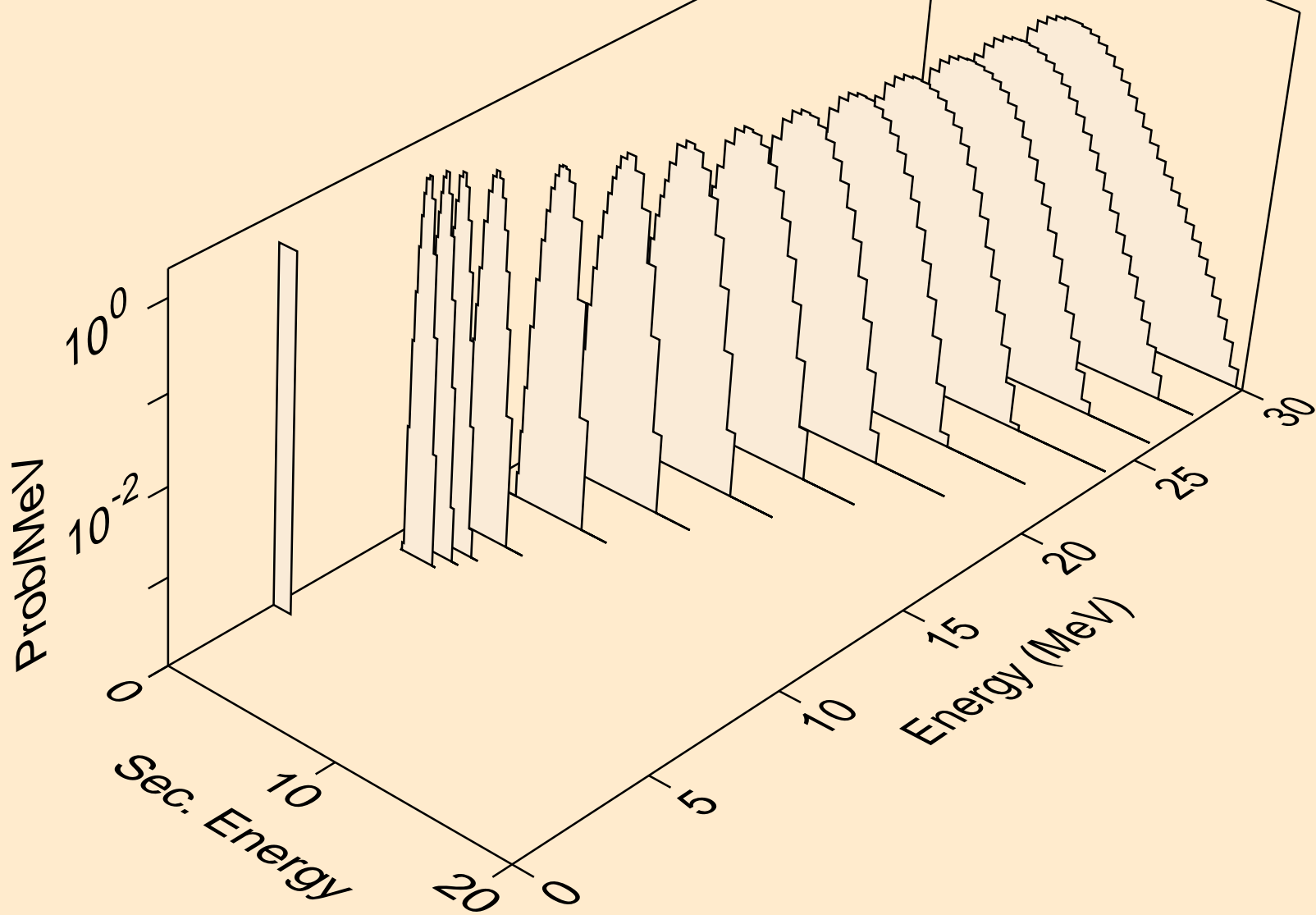
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,2np)



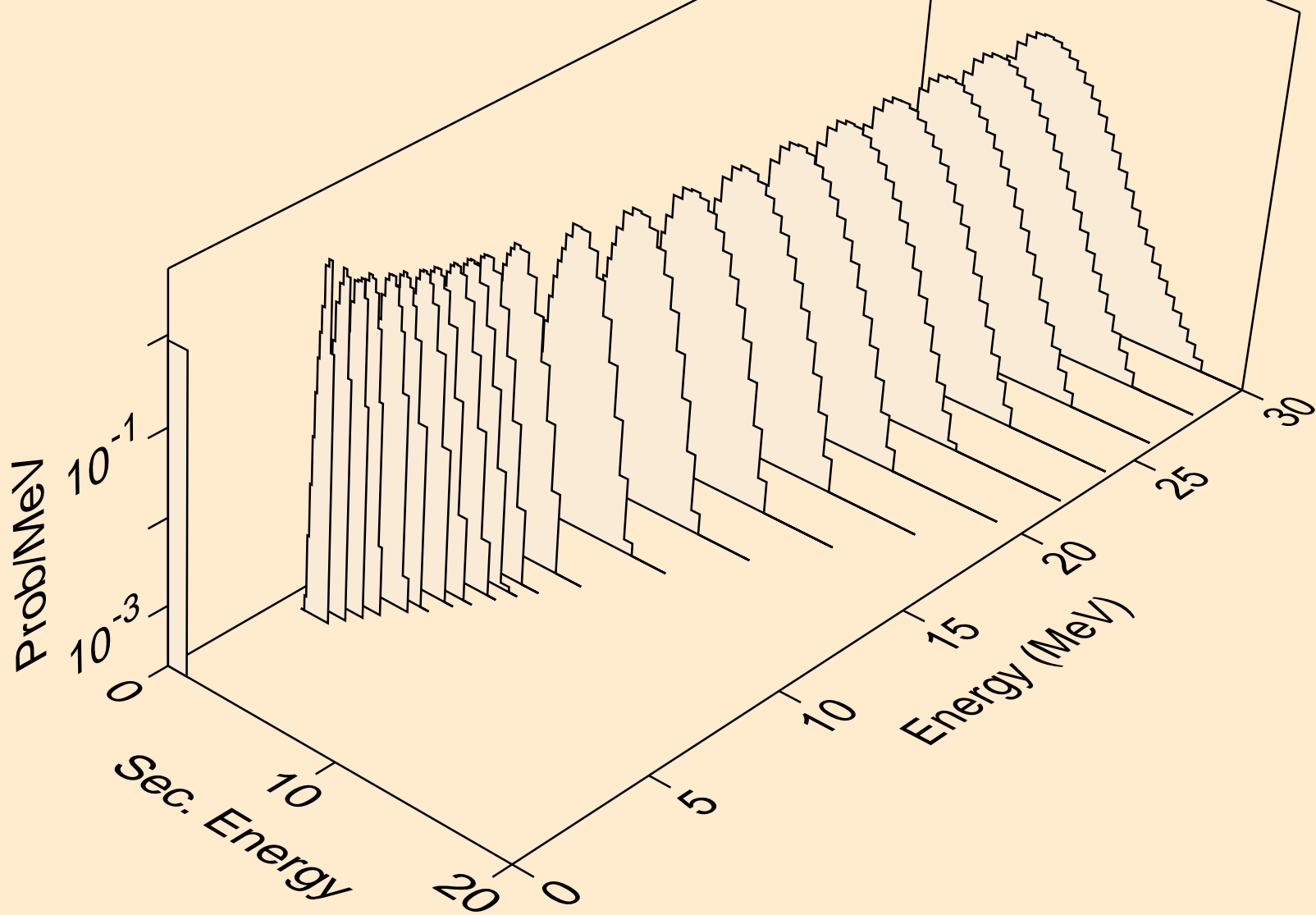
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,3np)



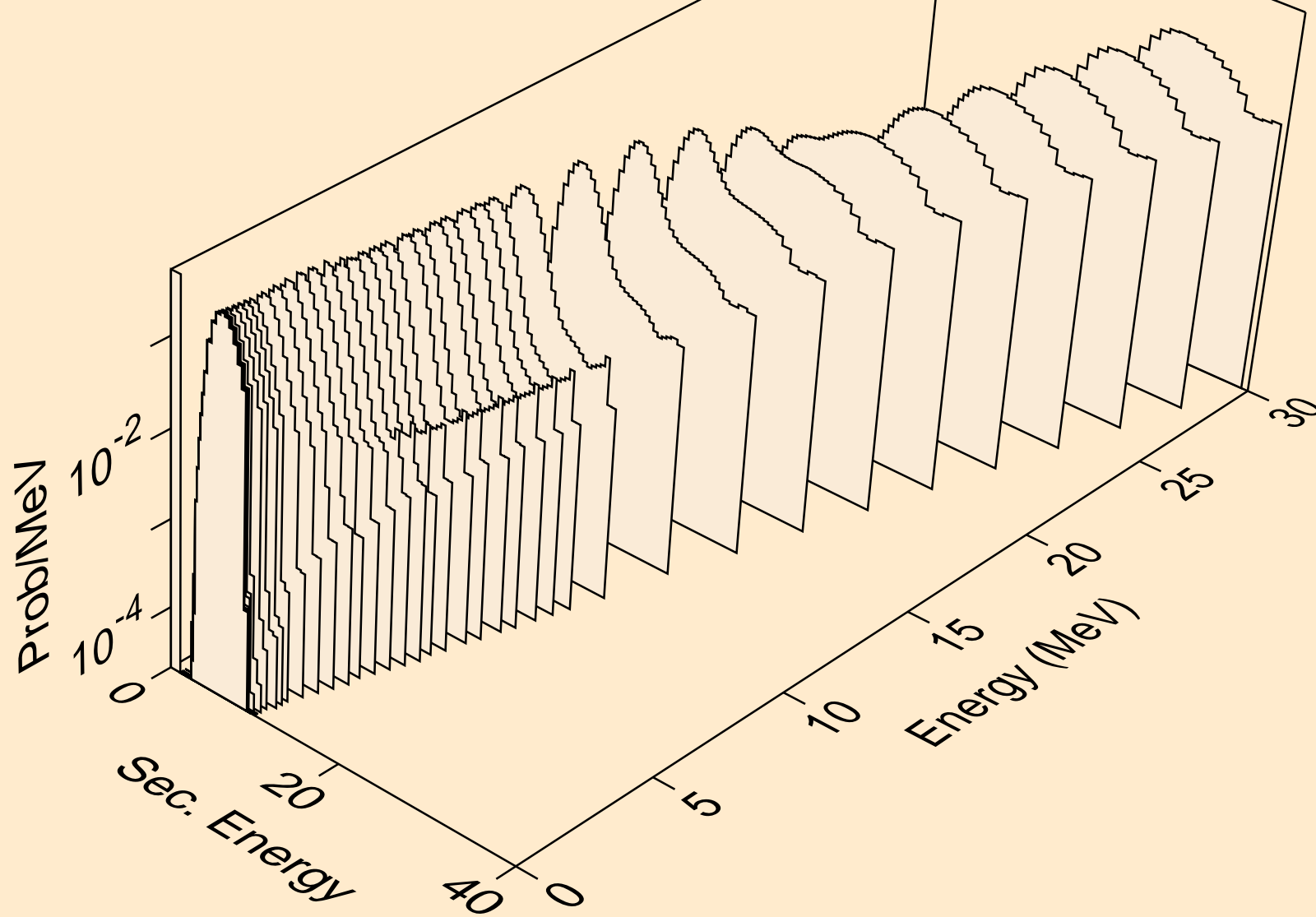
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n2p)



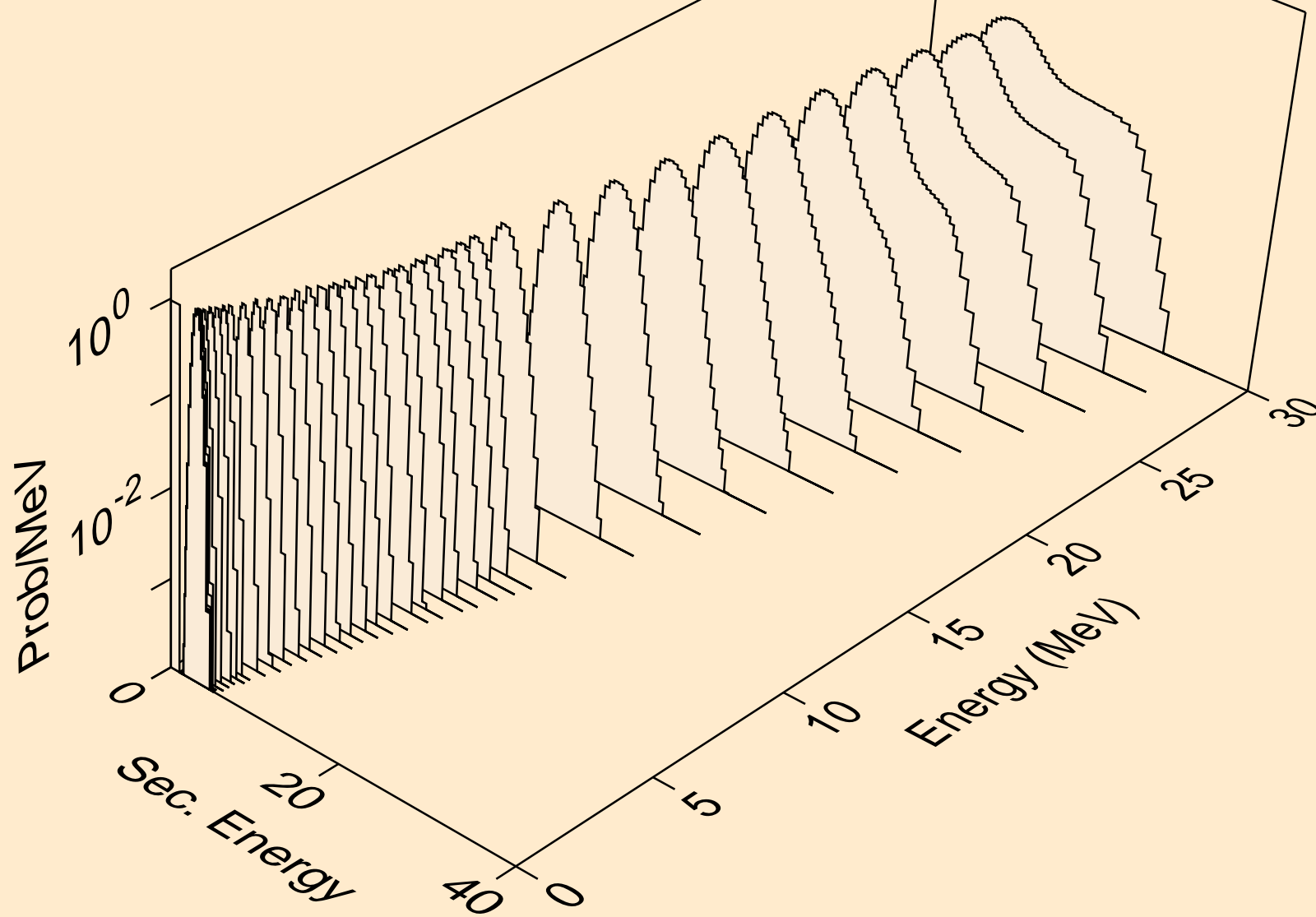
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protons from (n,npa)



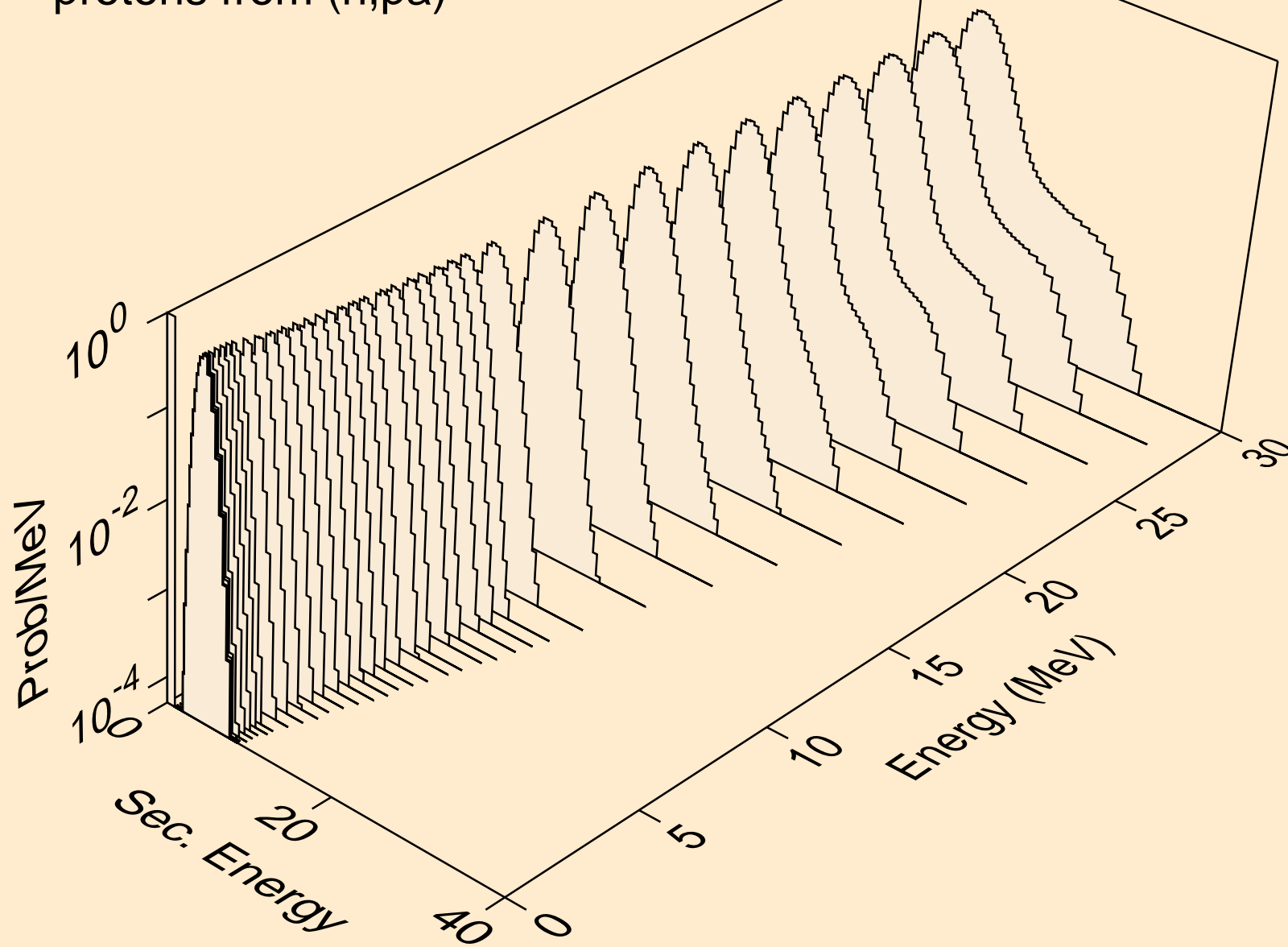
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protons from (n,p)



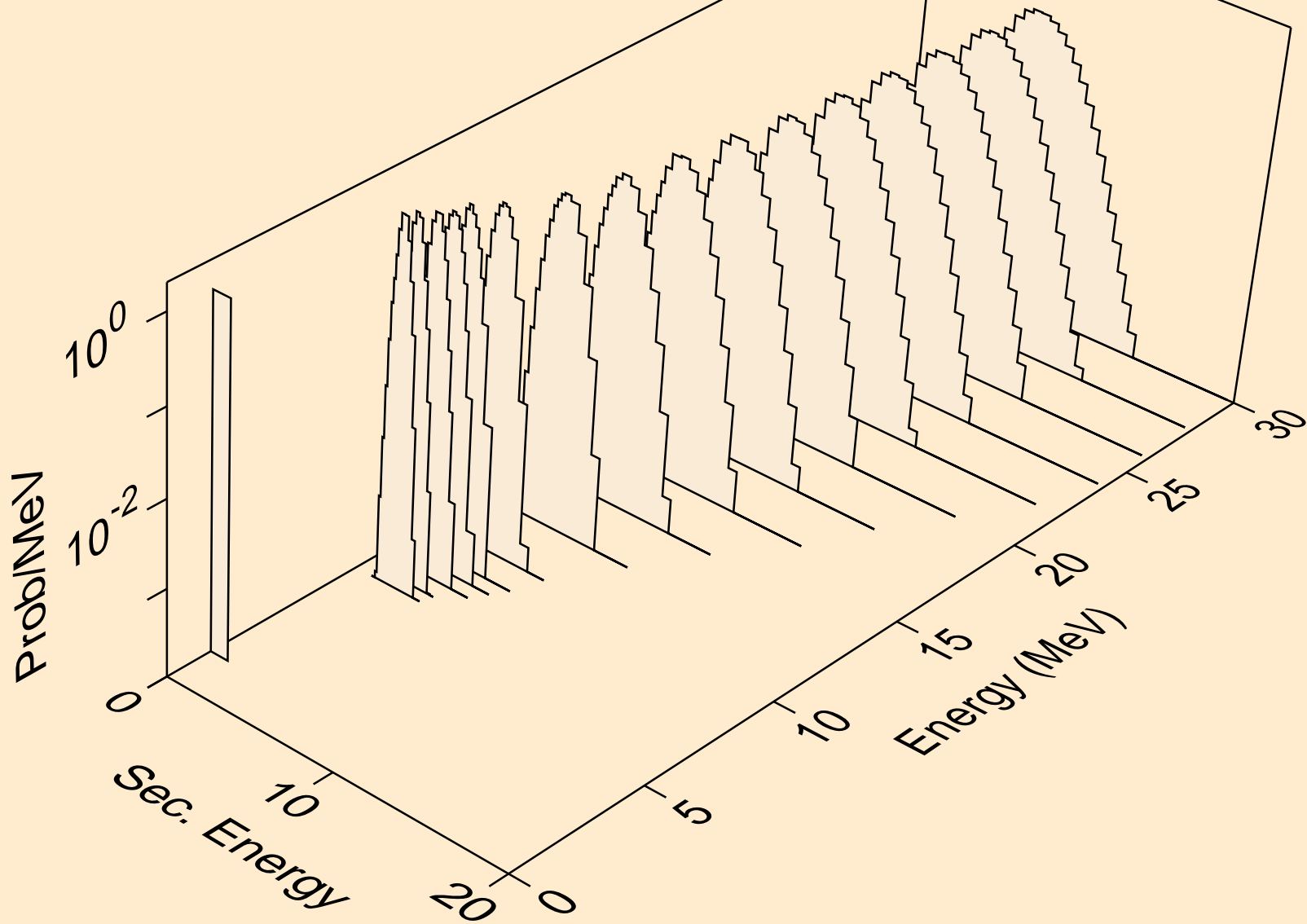
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protons from (n,2p)



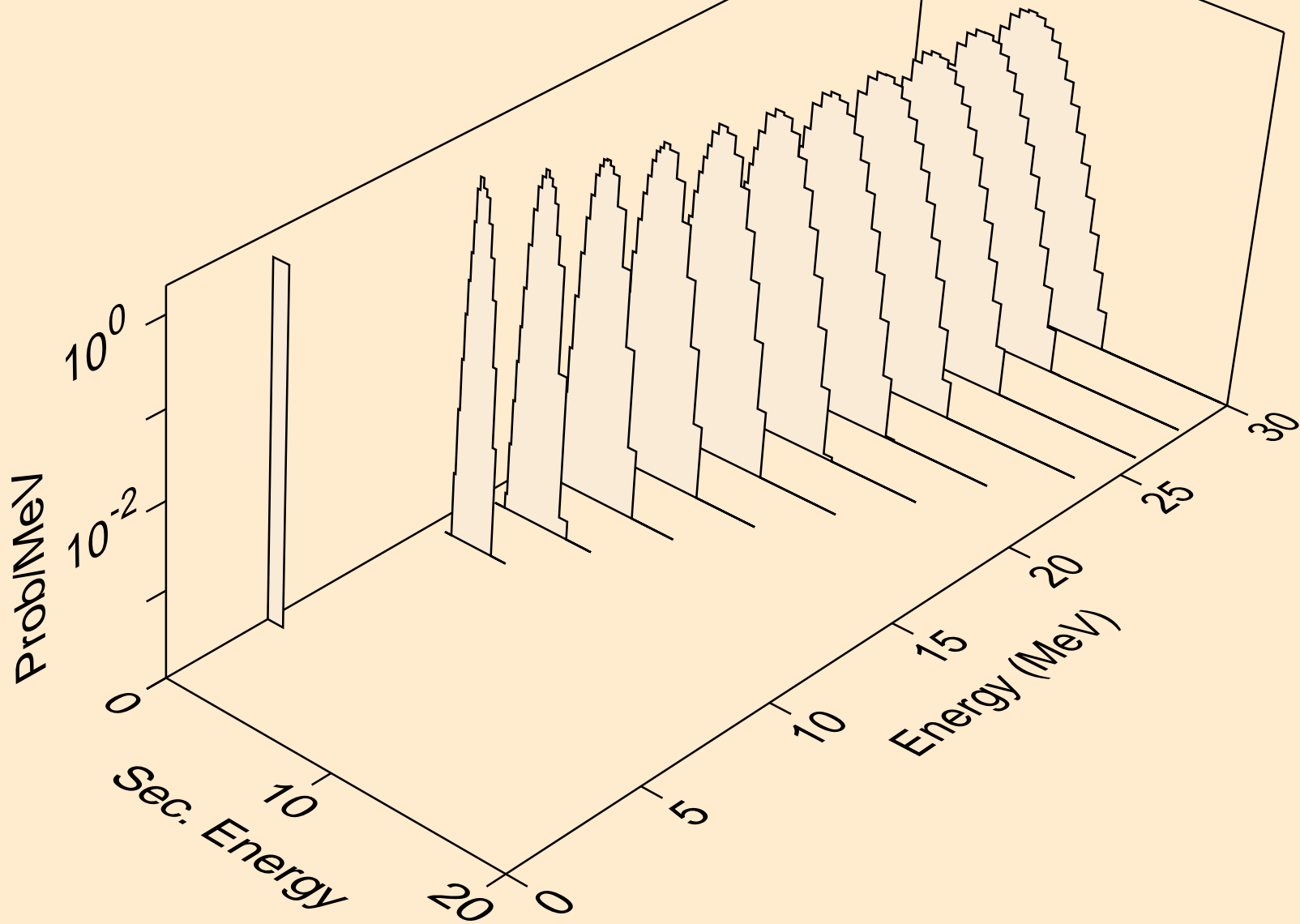
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protons from (n,p)



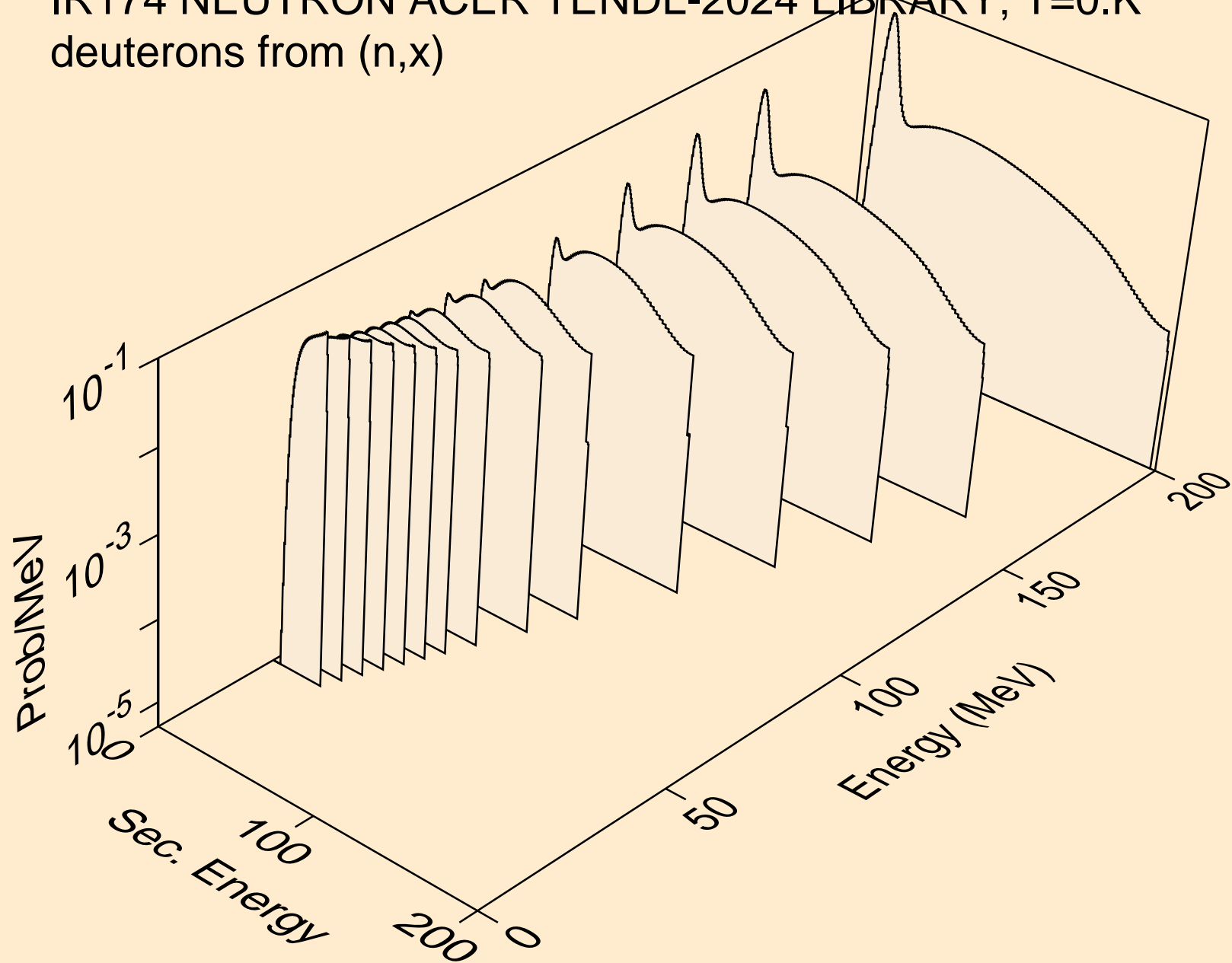
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,pd)



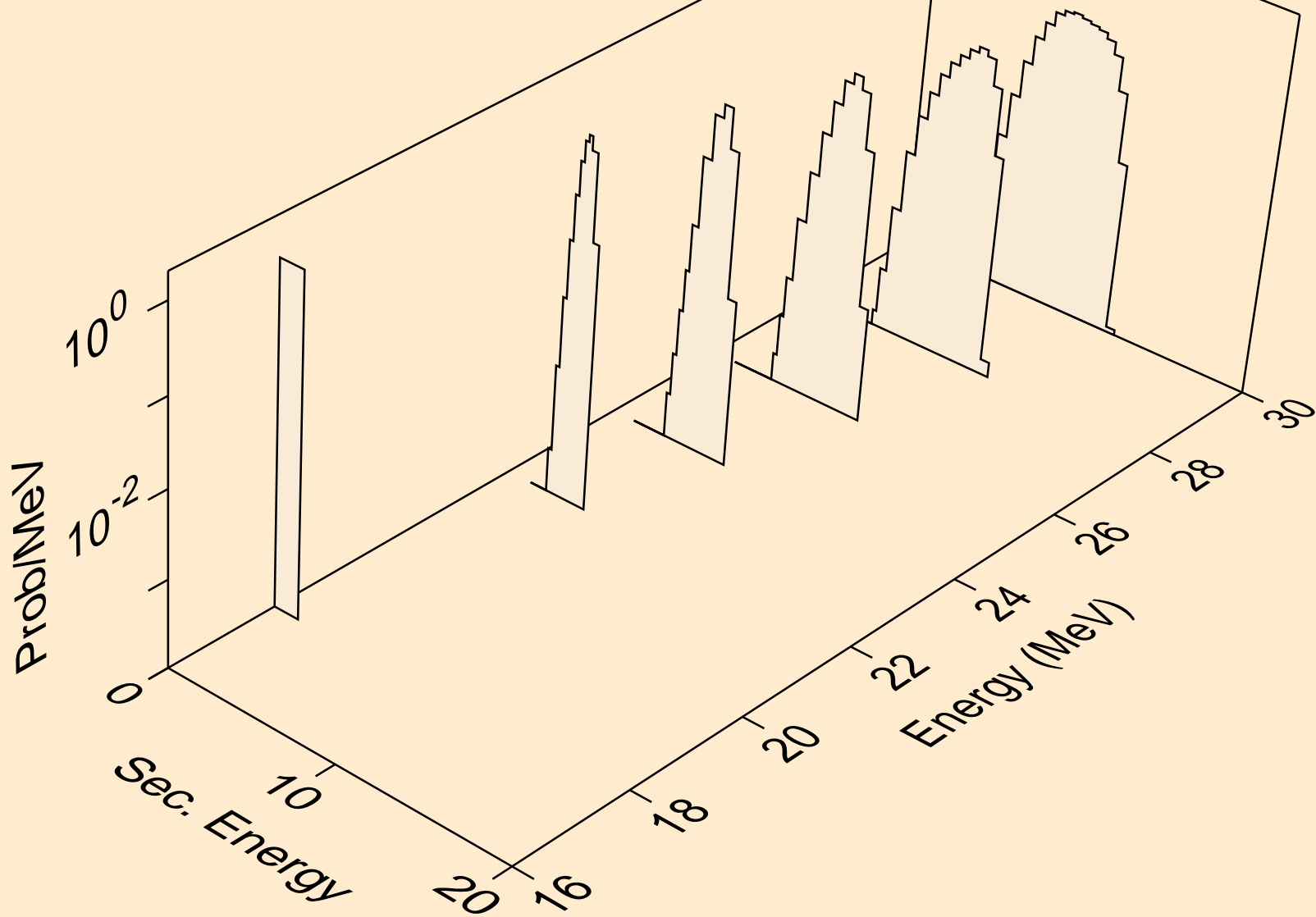
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,pt)



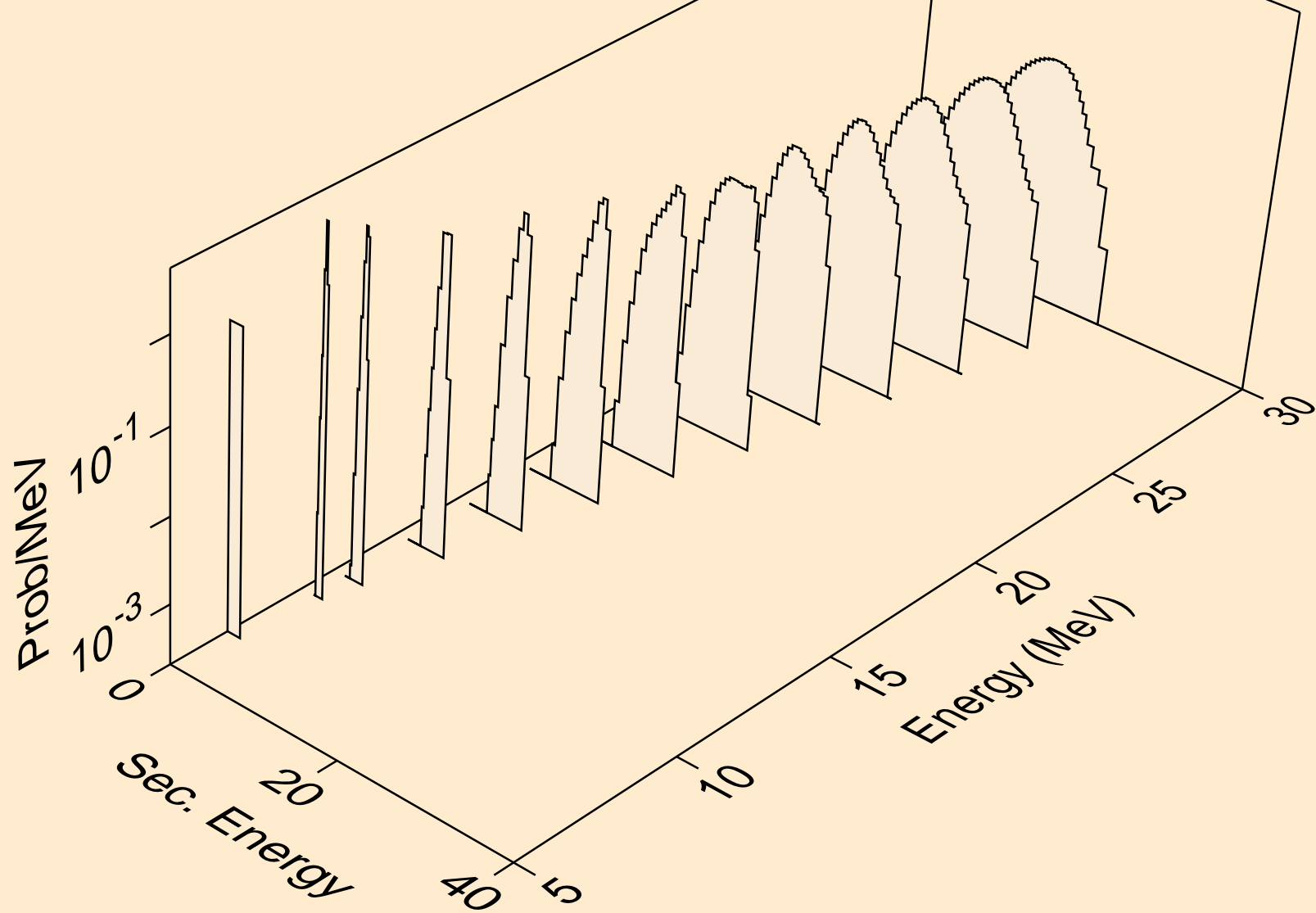
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,x)



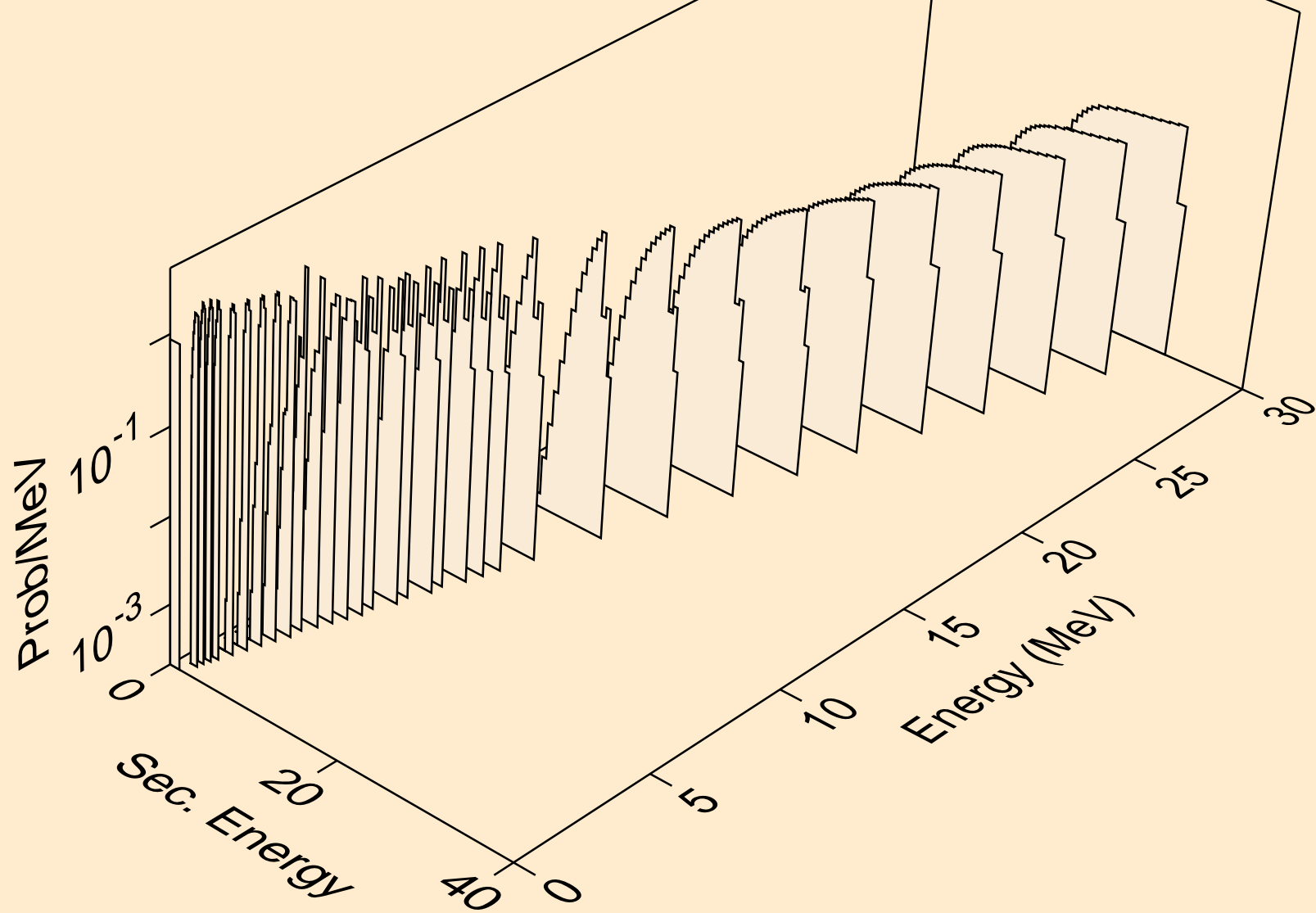
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,2nd)



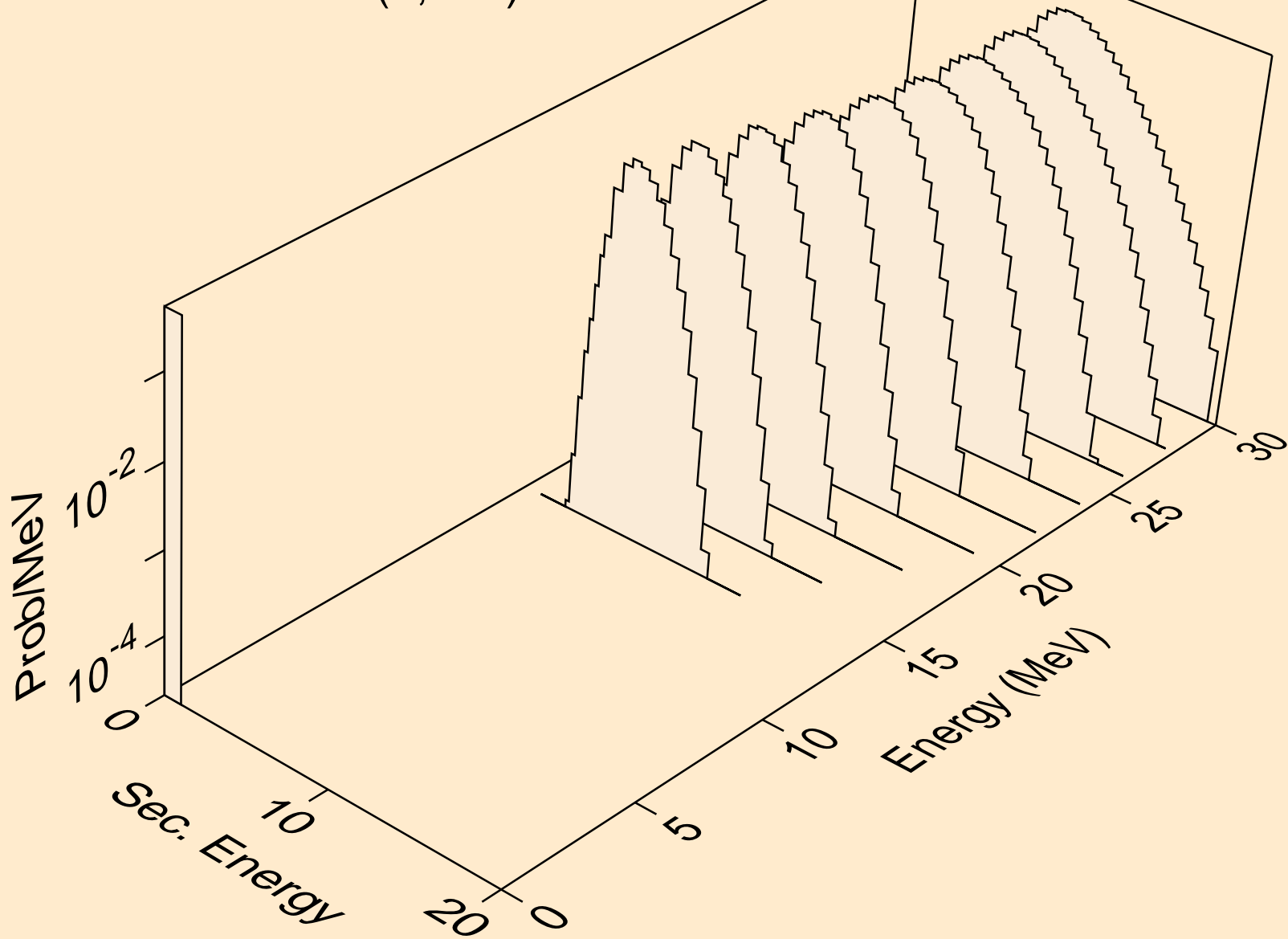
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,n*)d



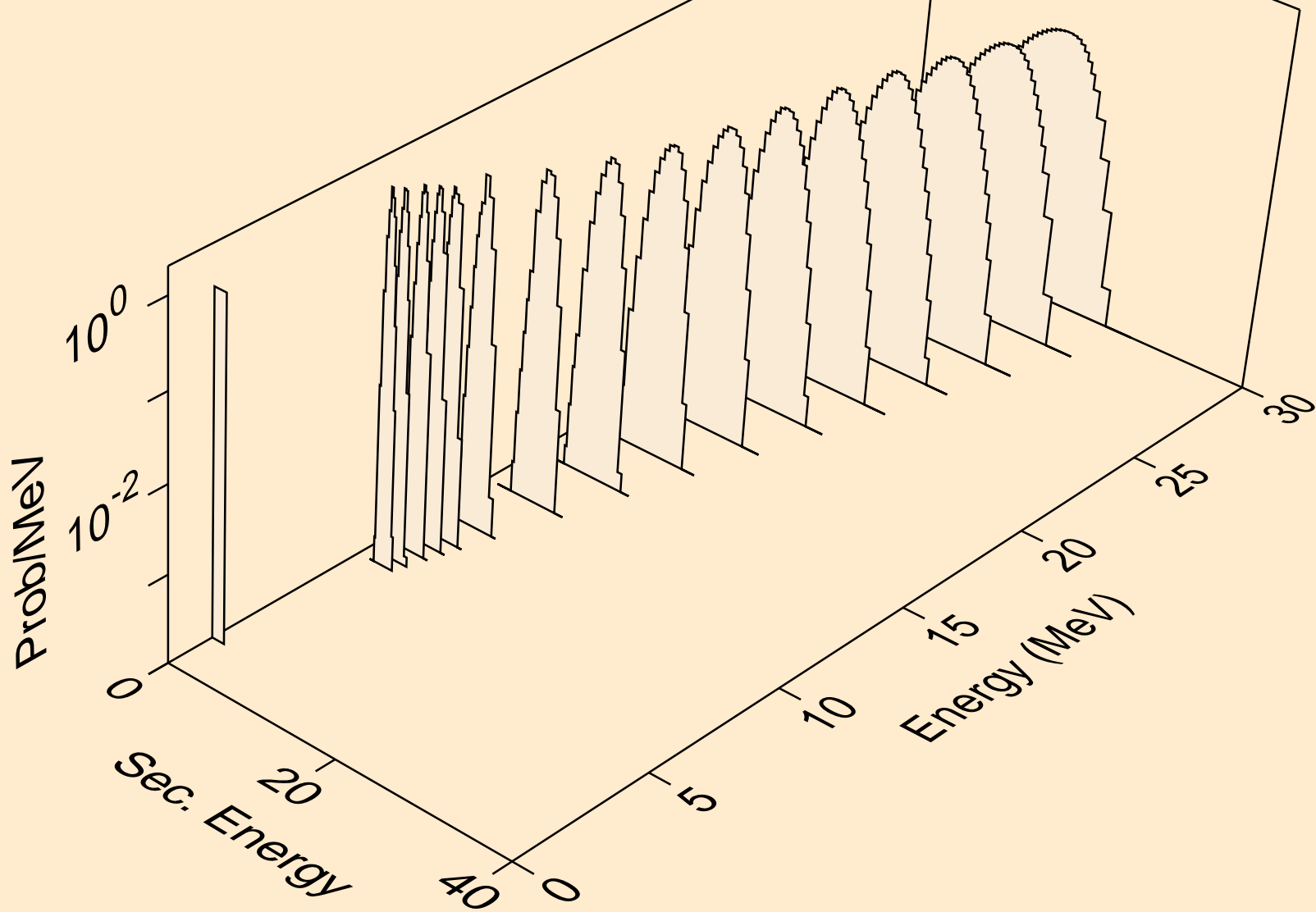
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,d)



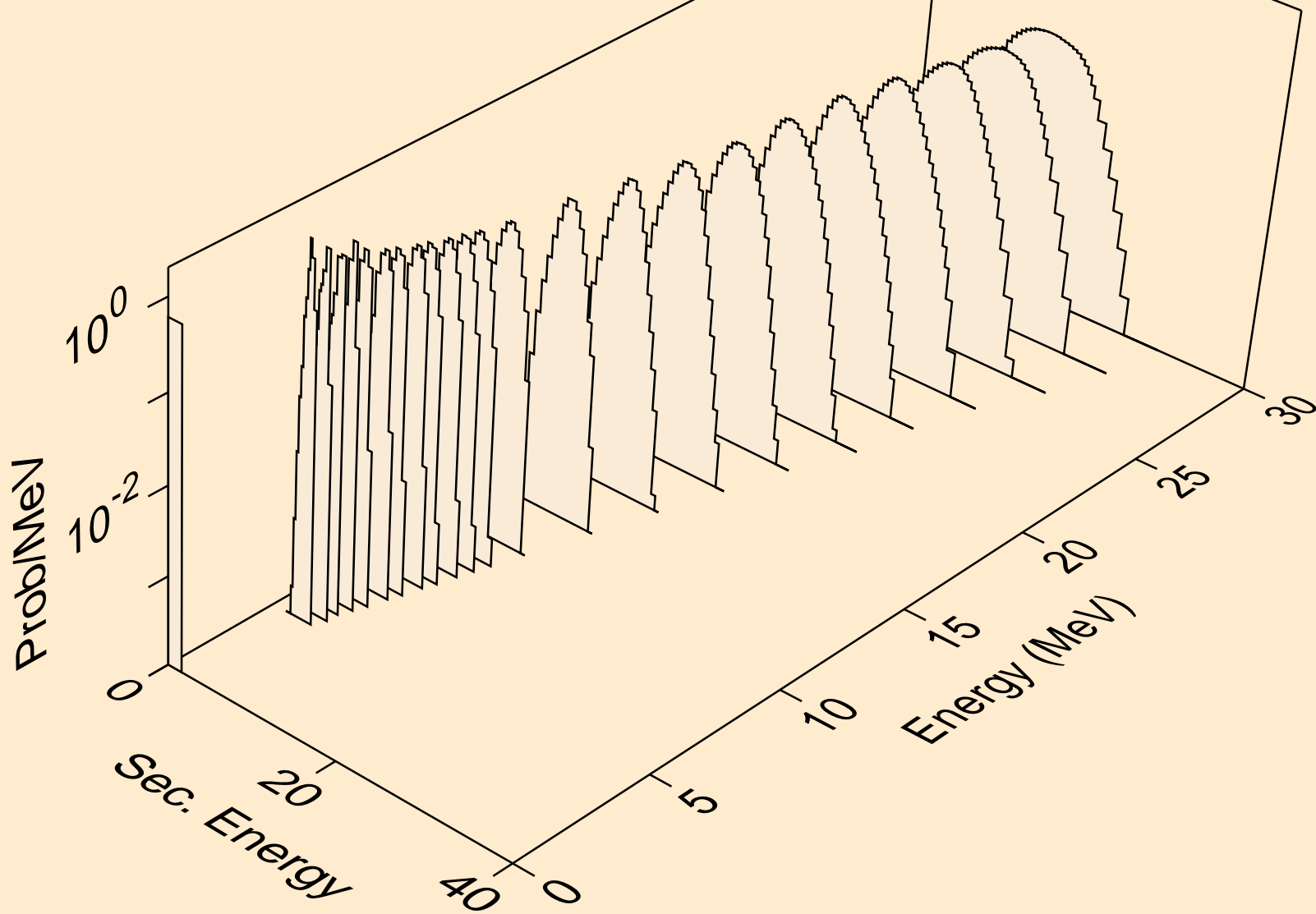
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,d2a)



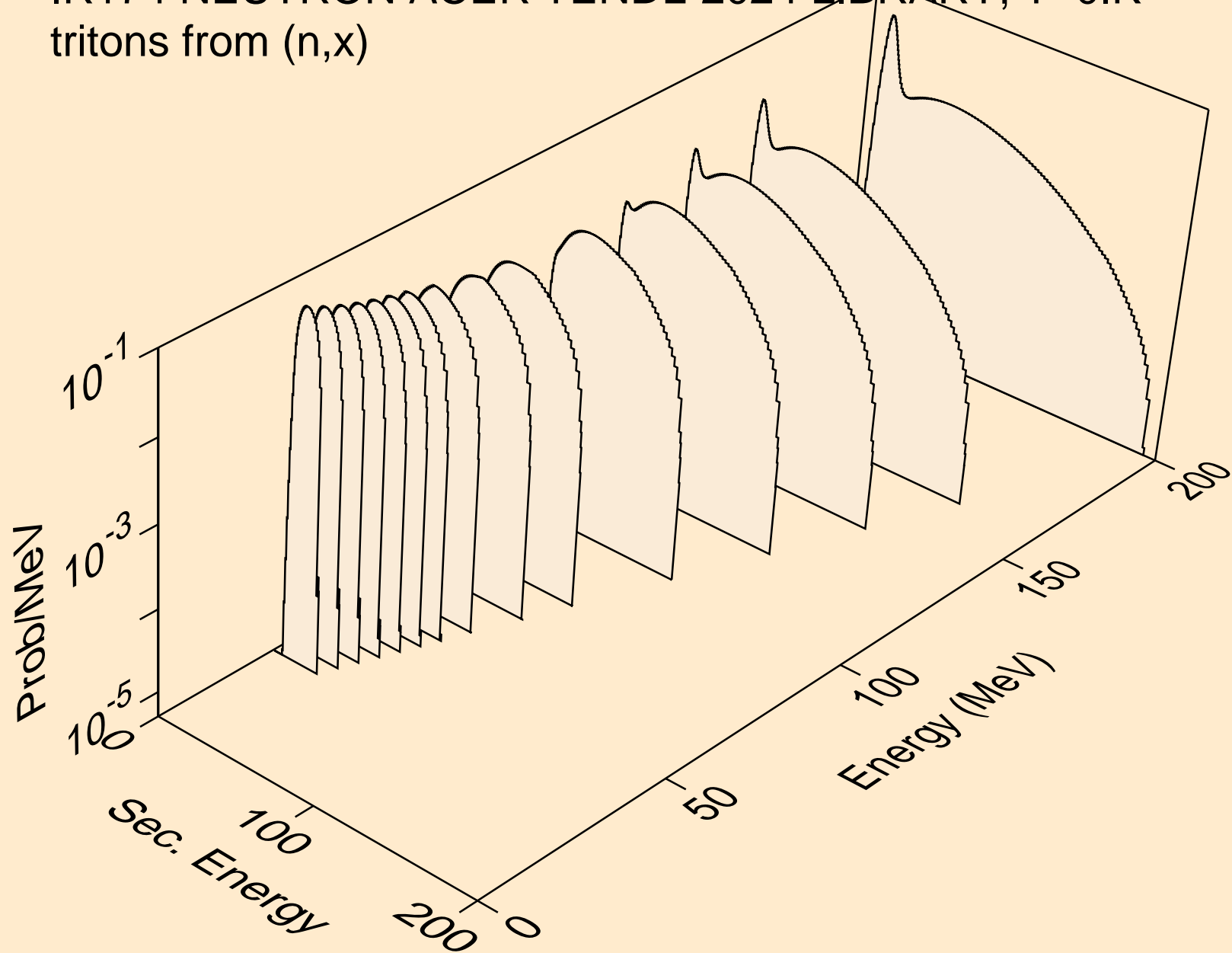
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,pd)



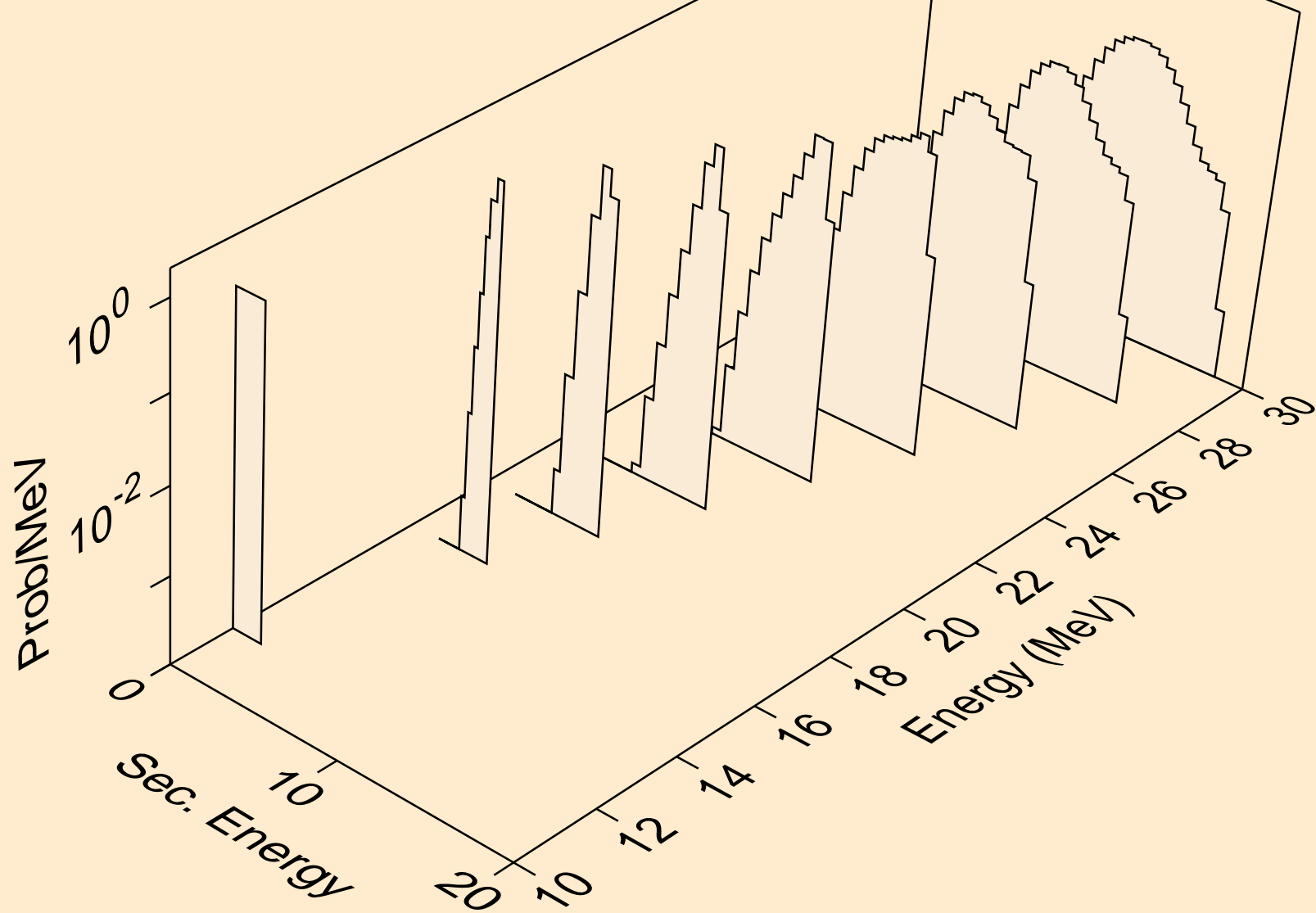
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,da)



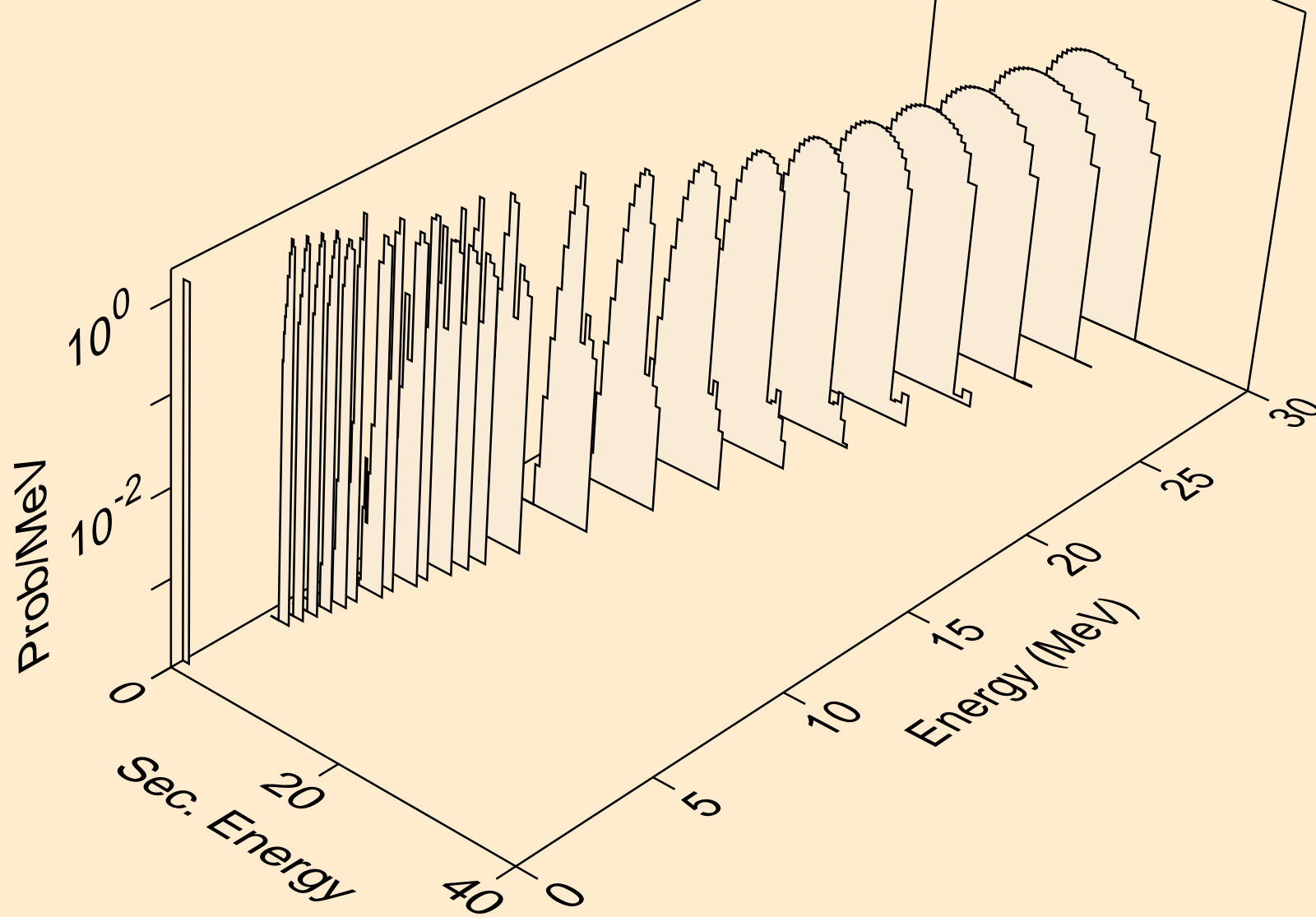
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,x)



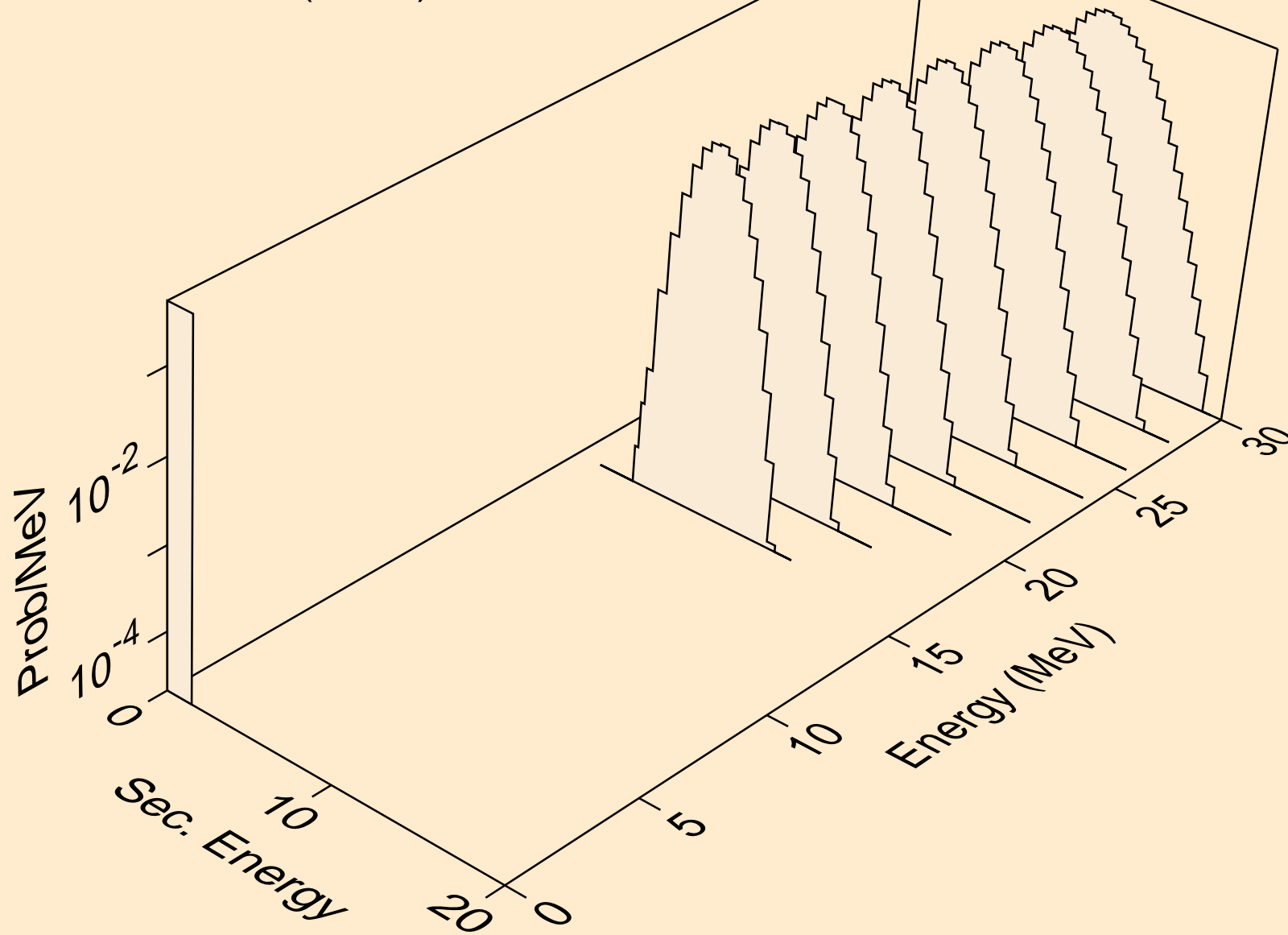
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,n*)t



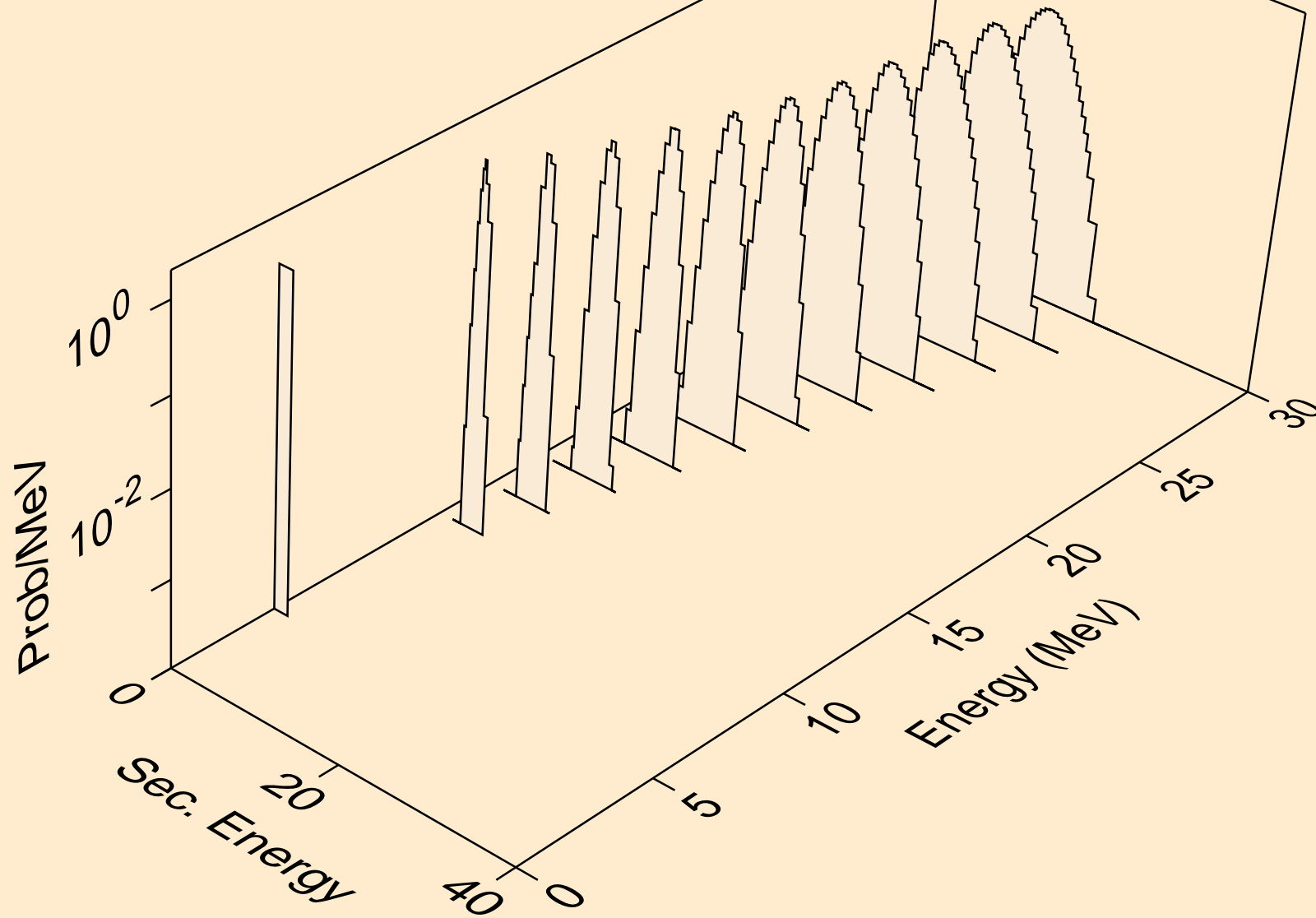
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,t)



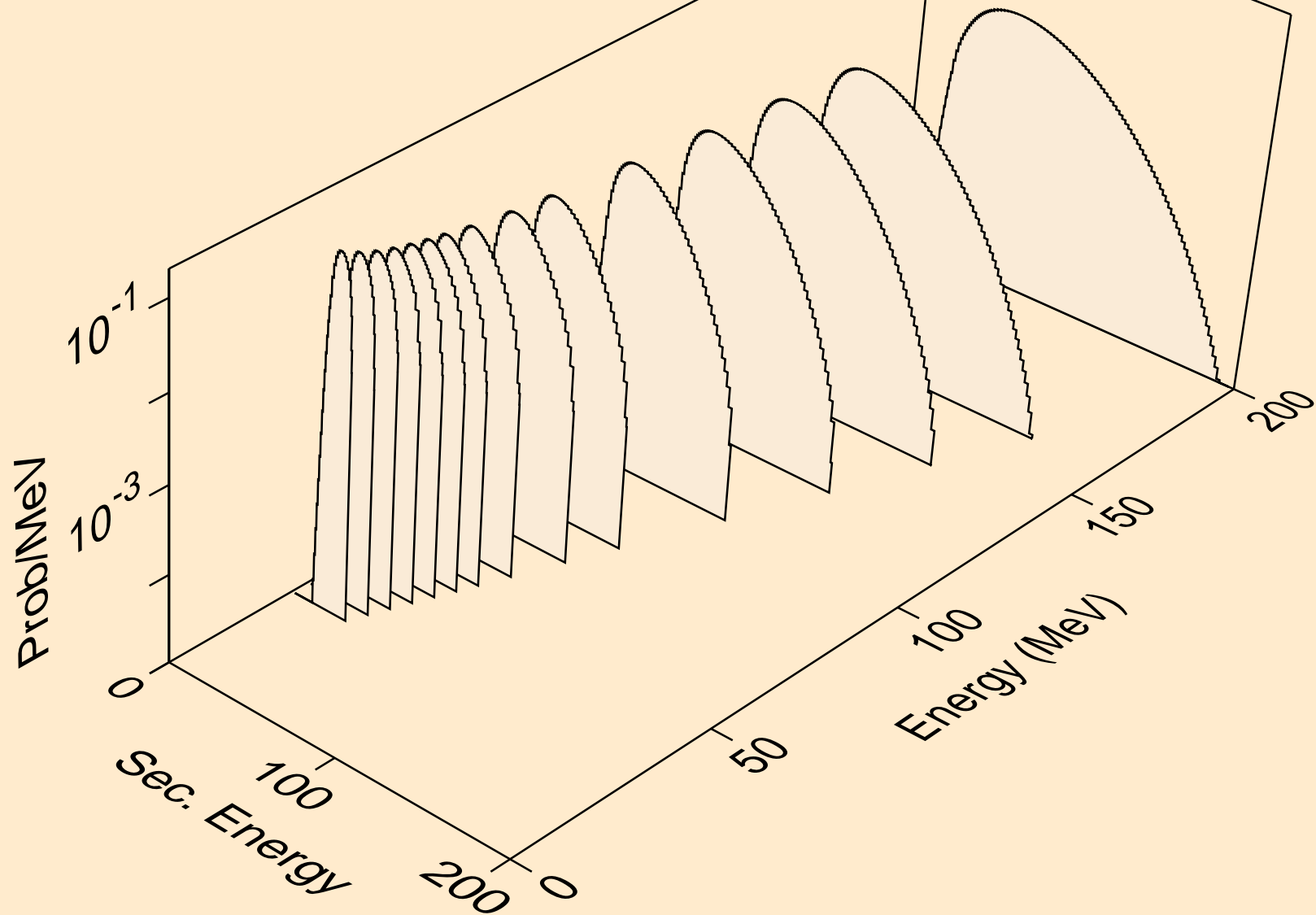
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,t2a)



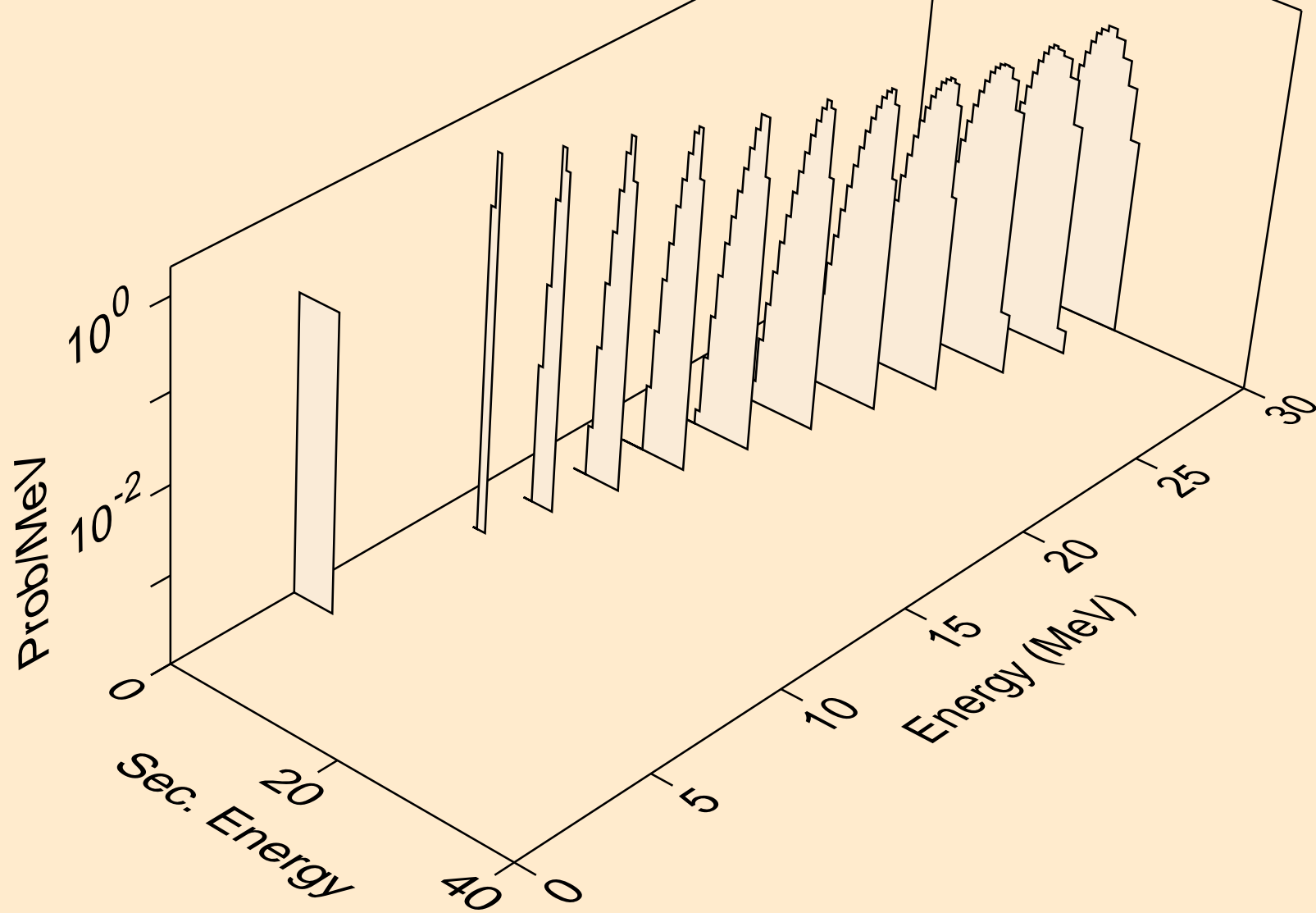
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,pt)



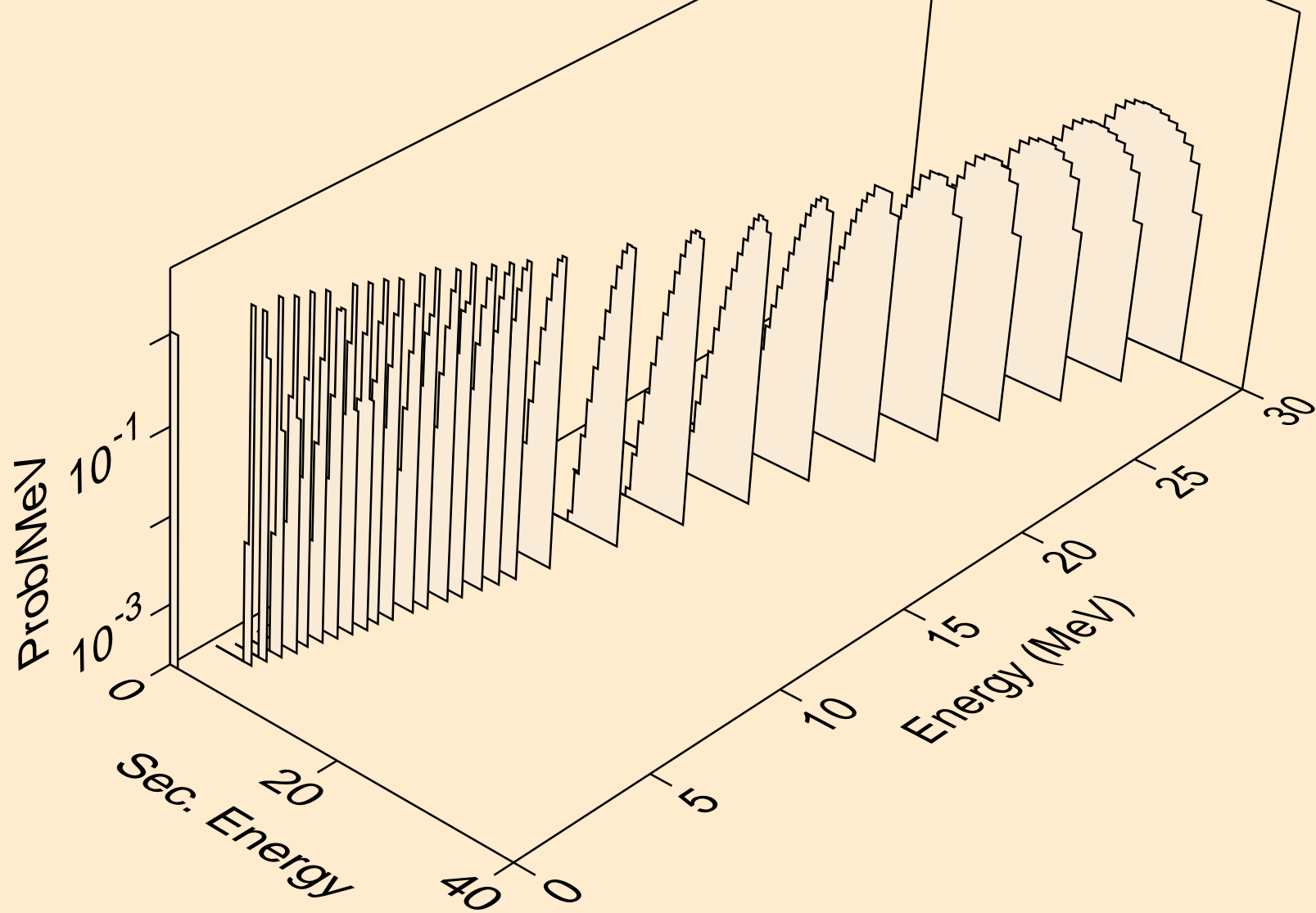
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,x)



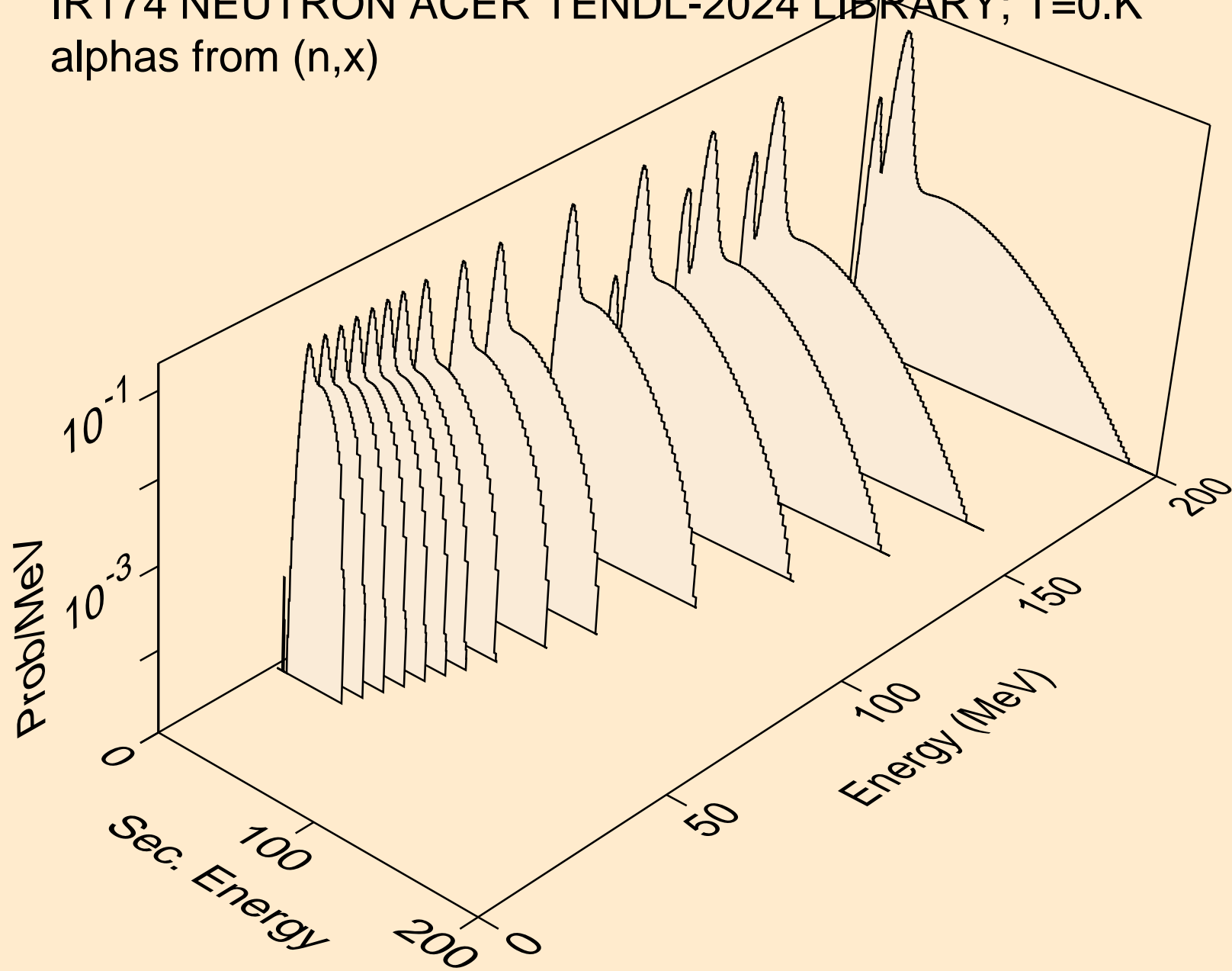
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,n*)he3



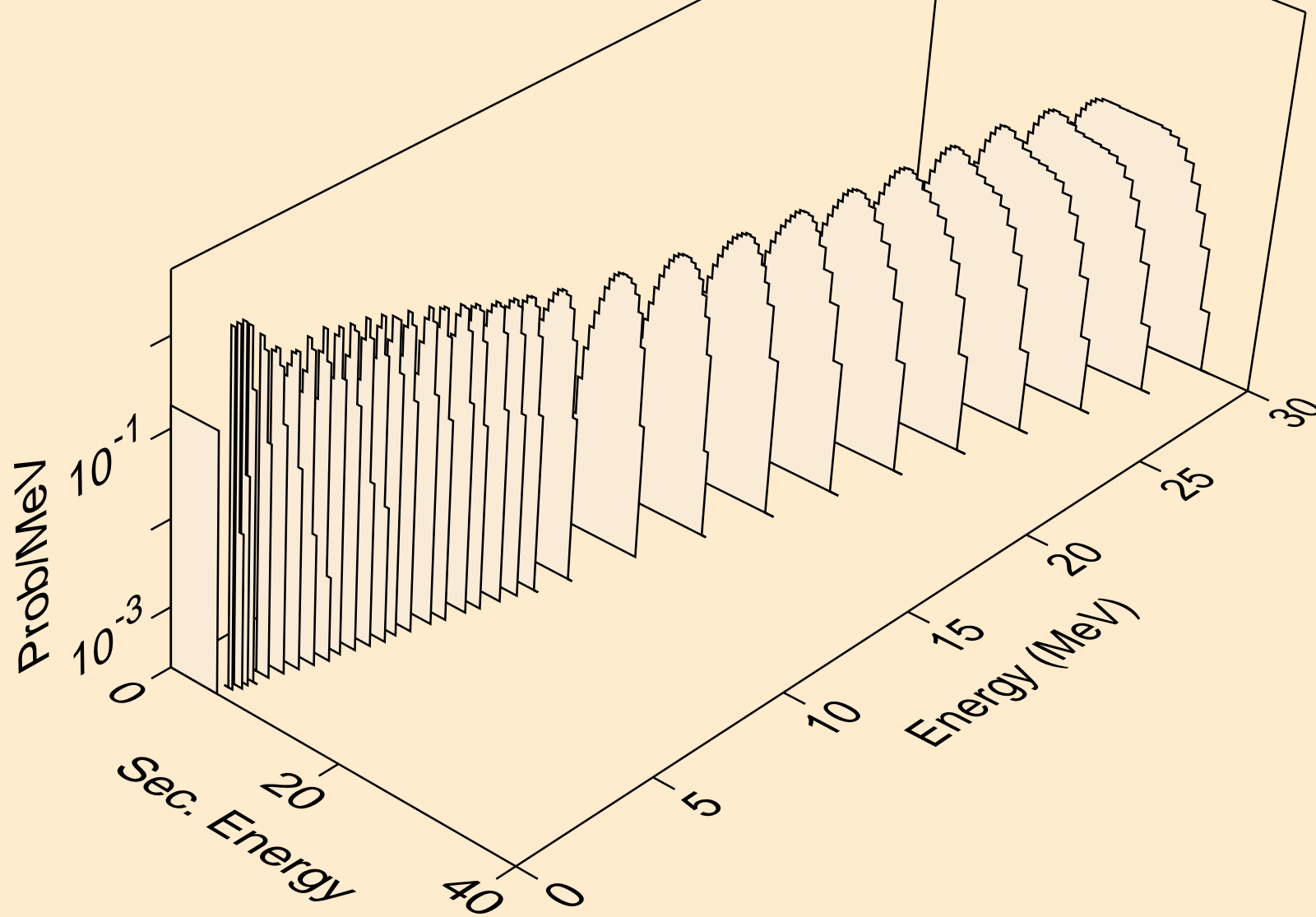
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,he3)



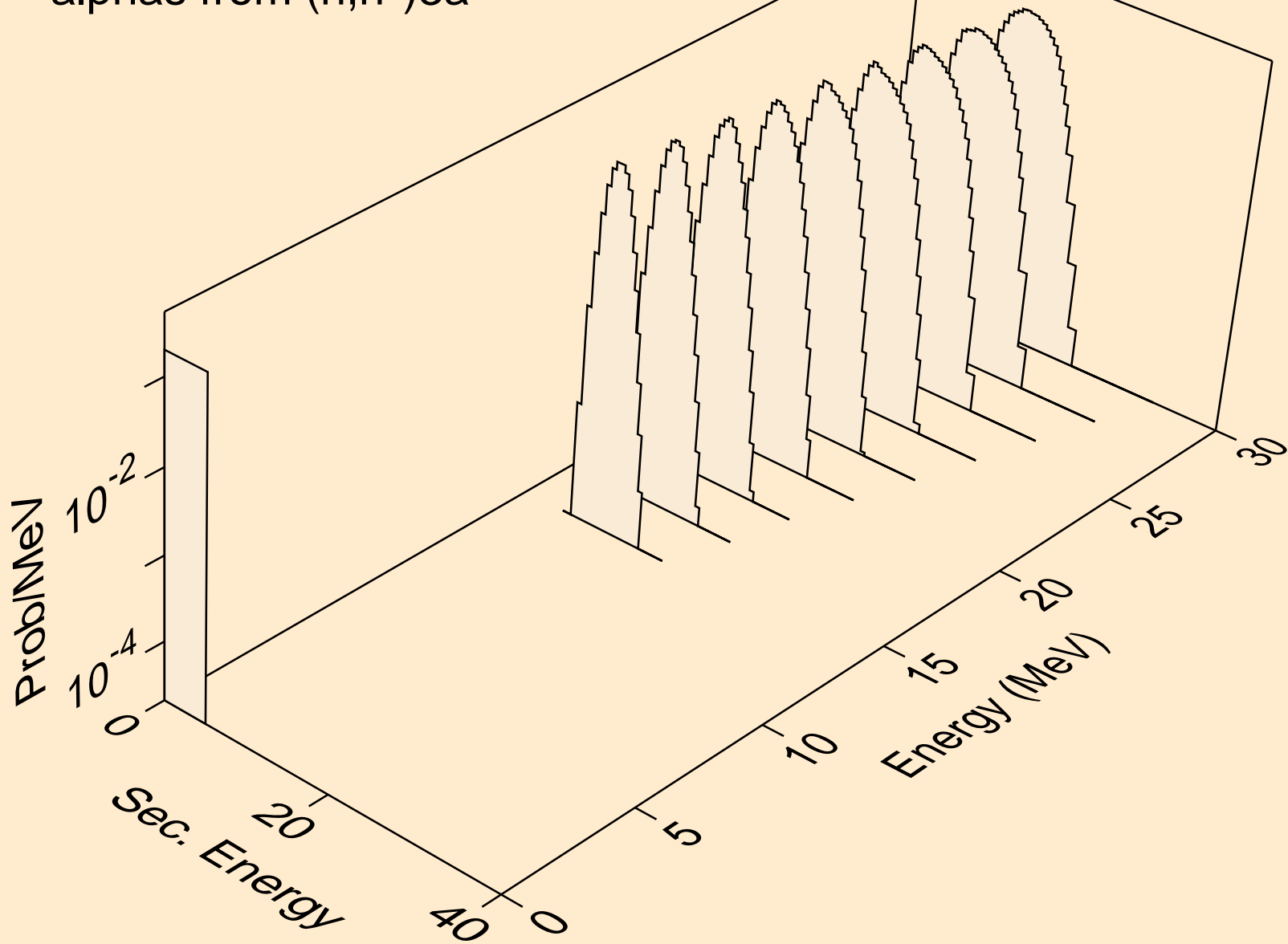
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,x)



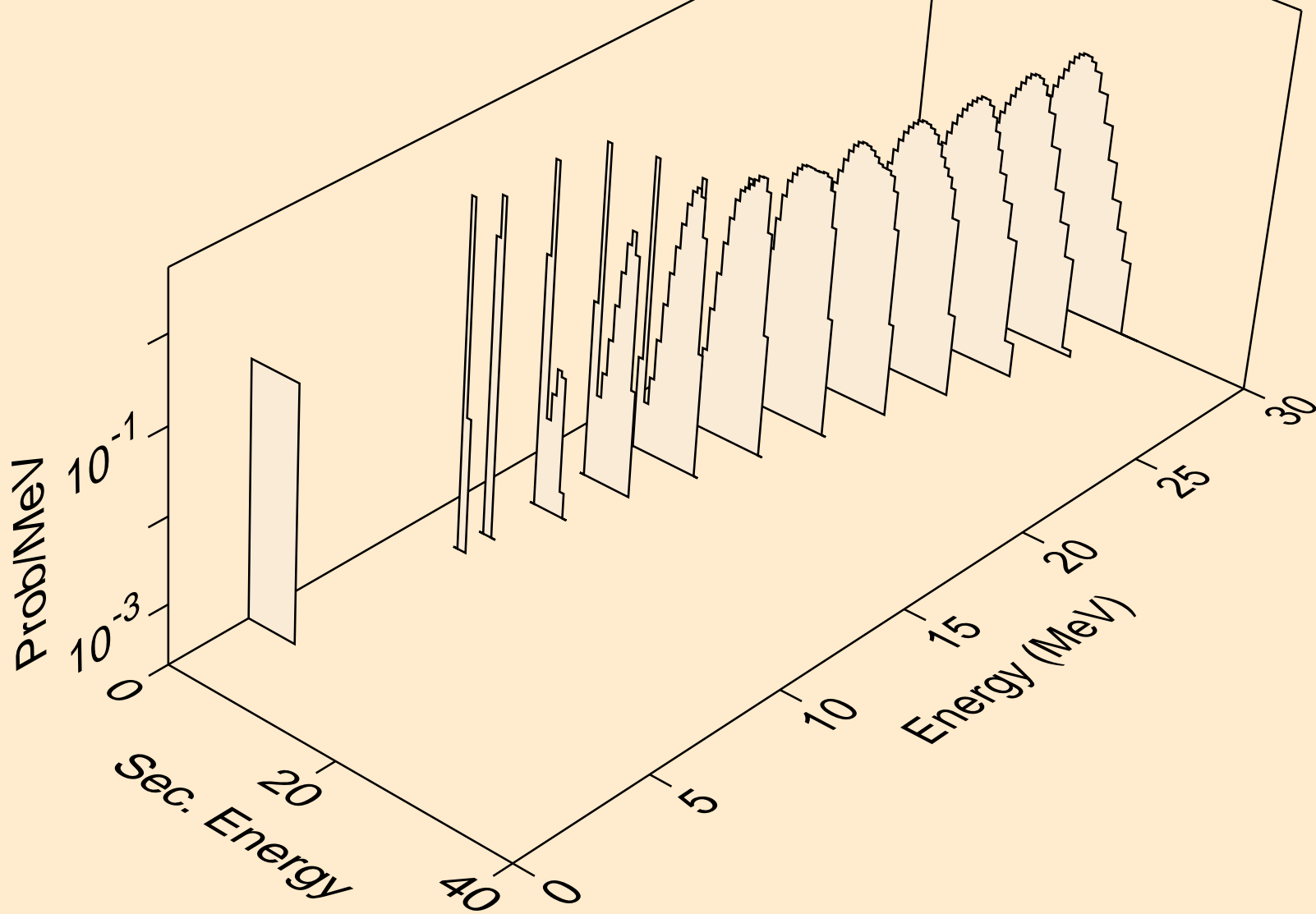
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)a



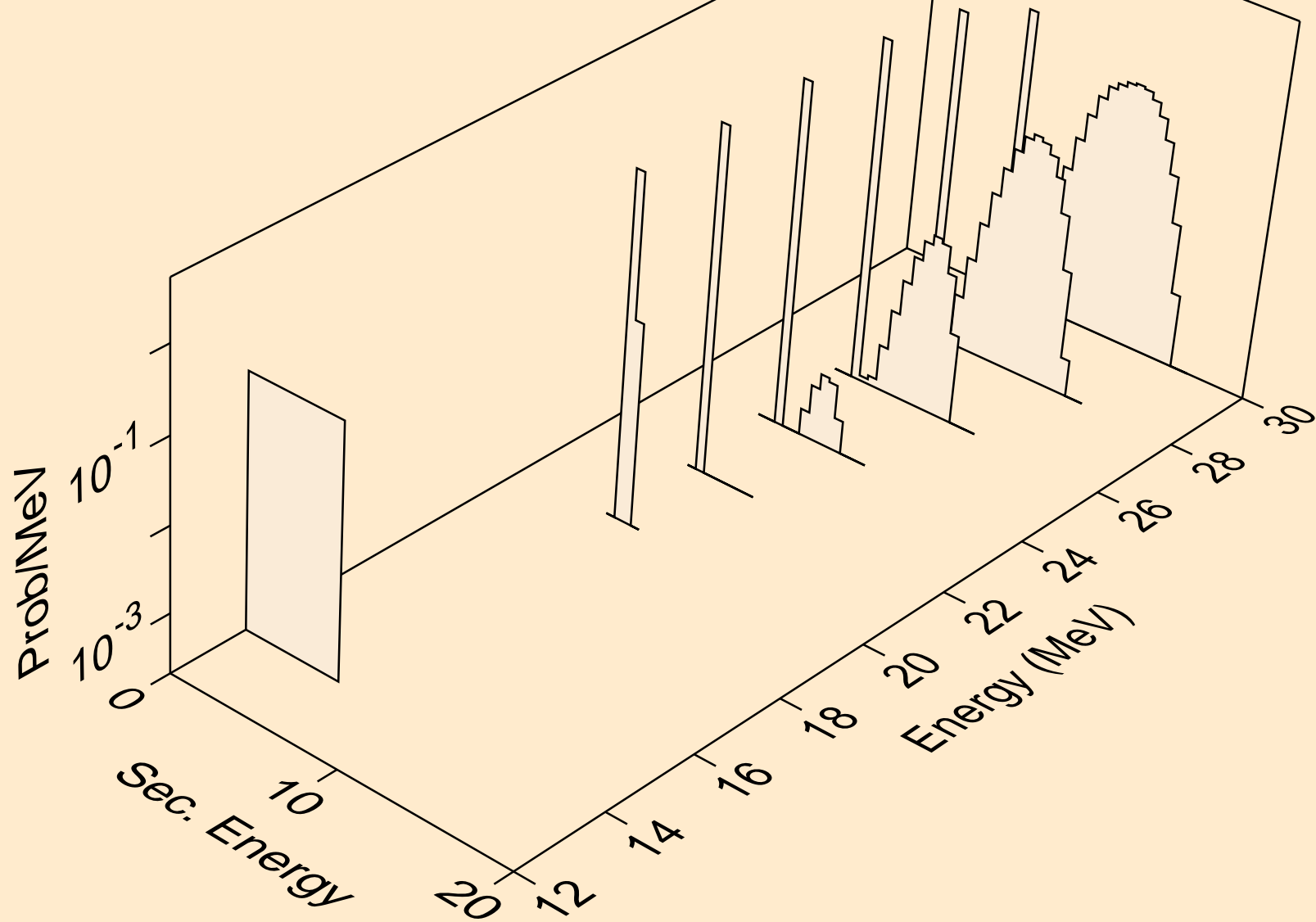
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)3a



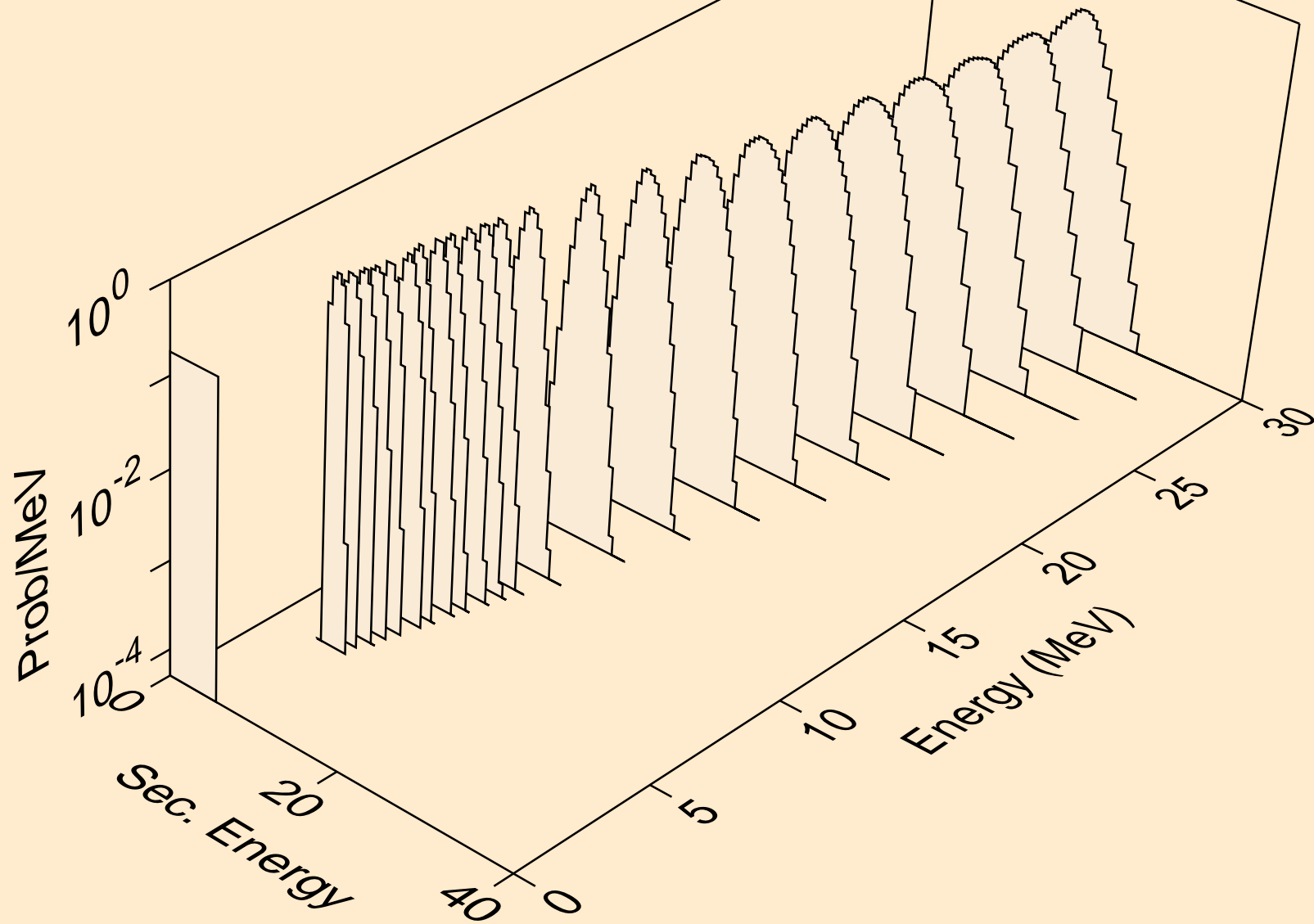
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2n)a



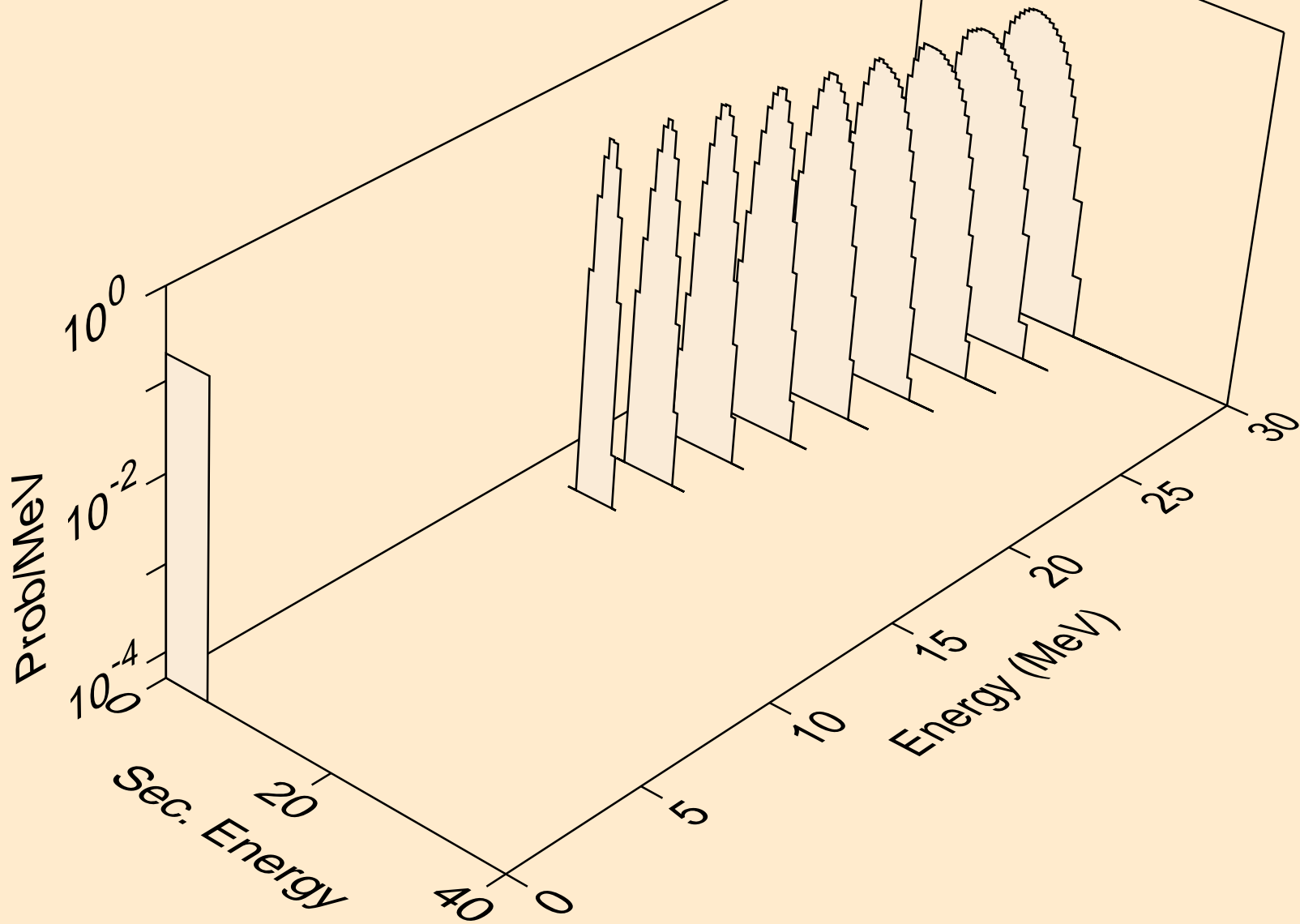
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,3n)a



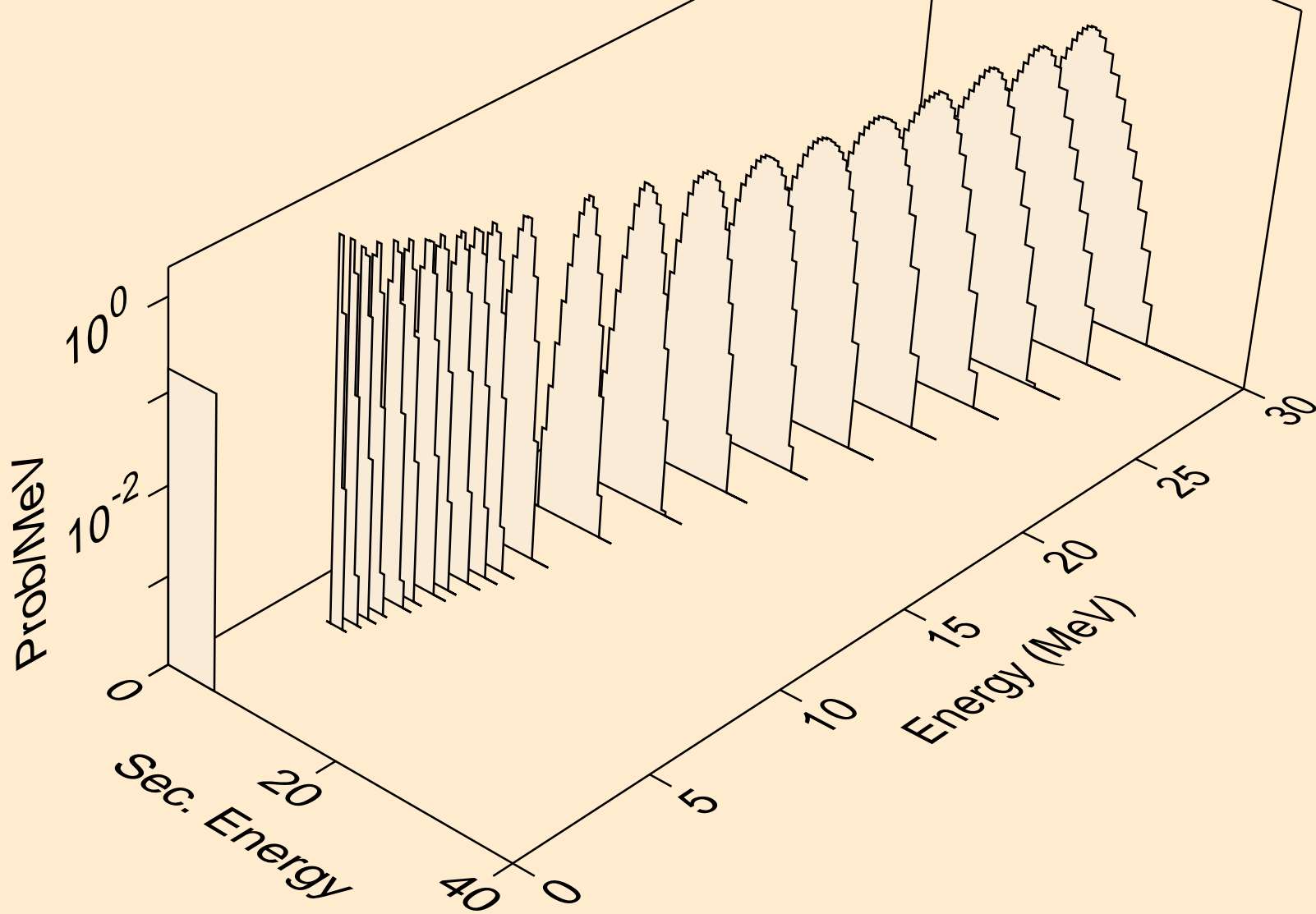
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)2a



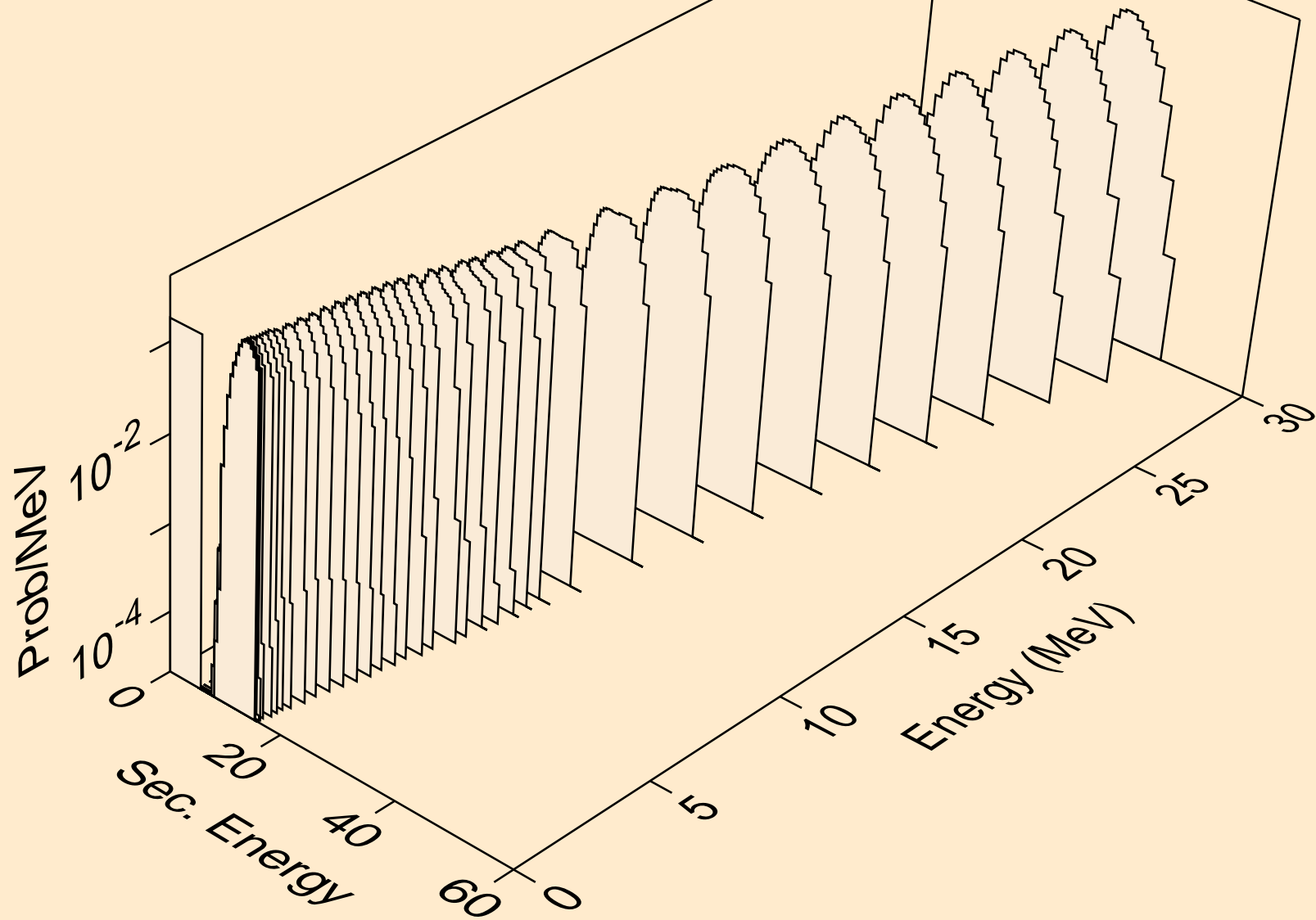
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2n)2a



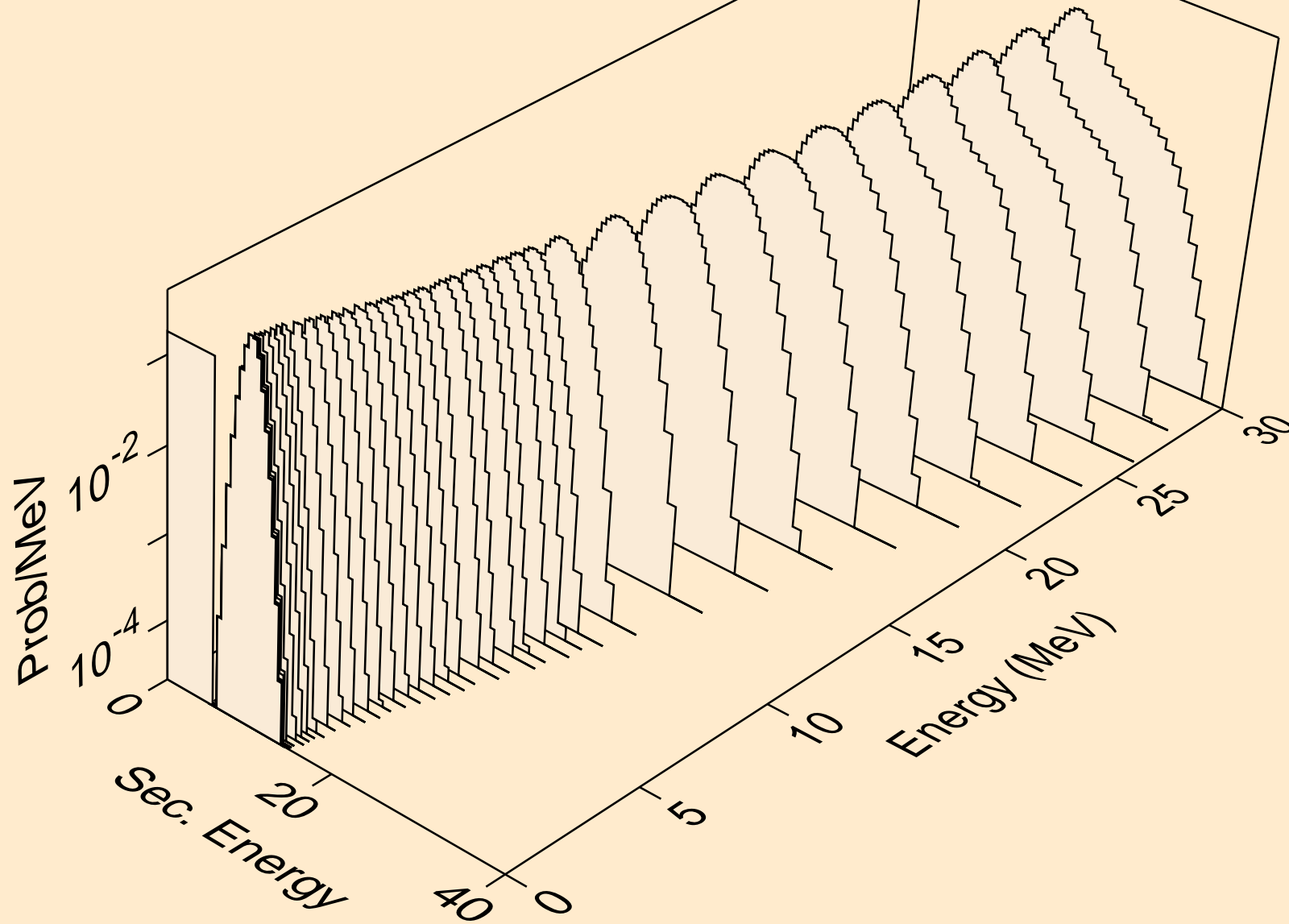
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,npa)



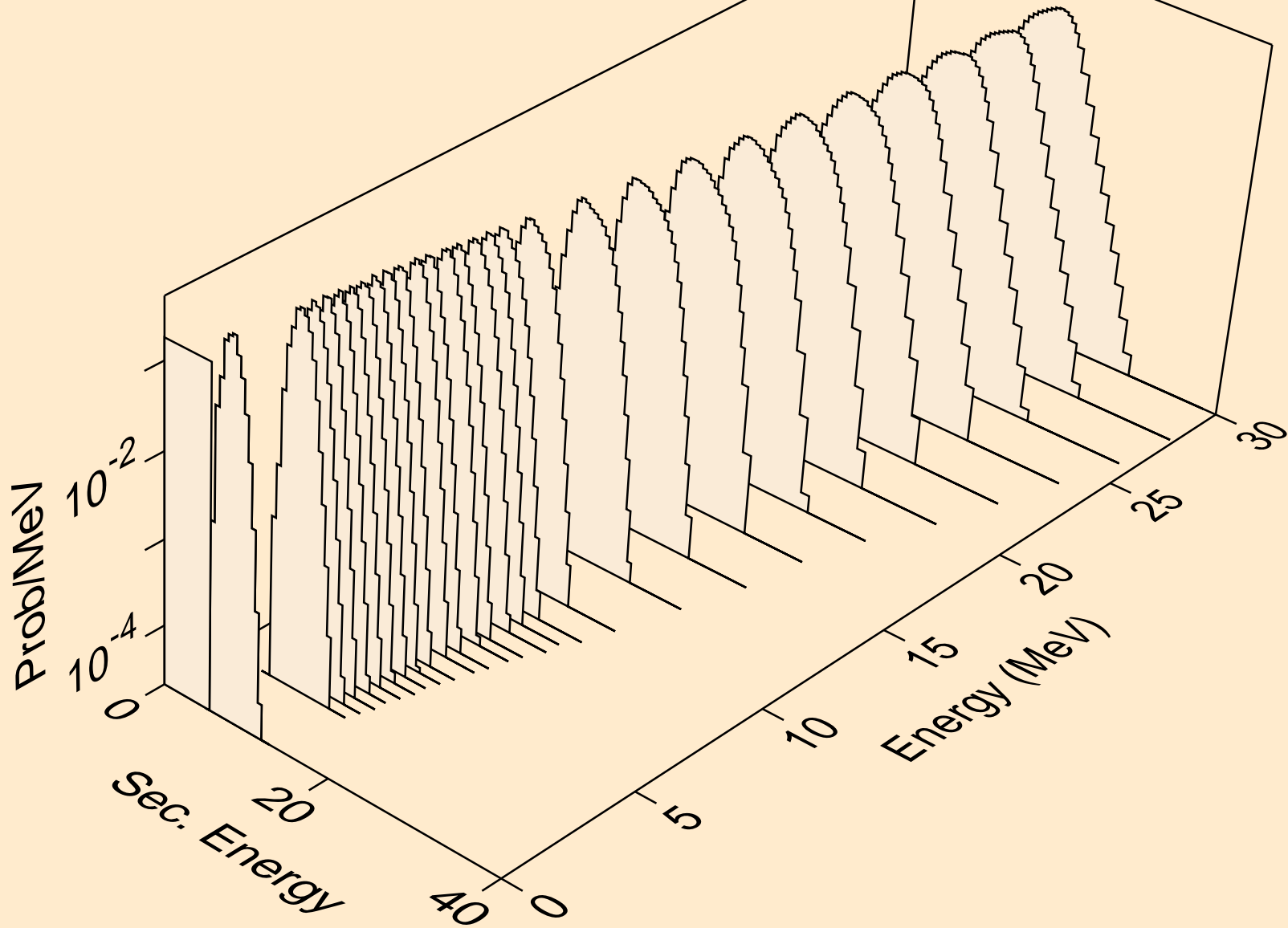
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,a)



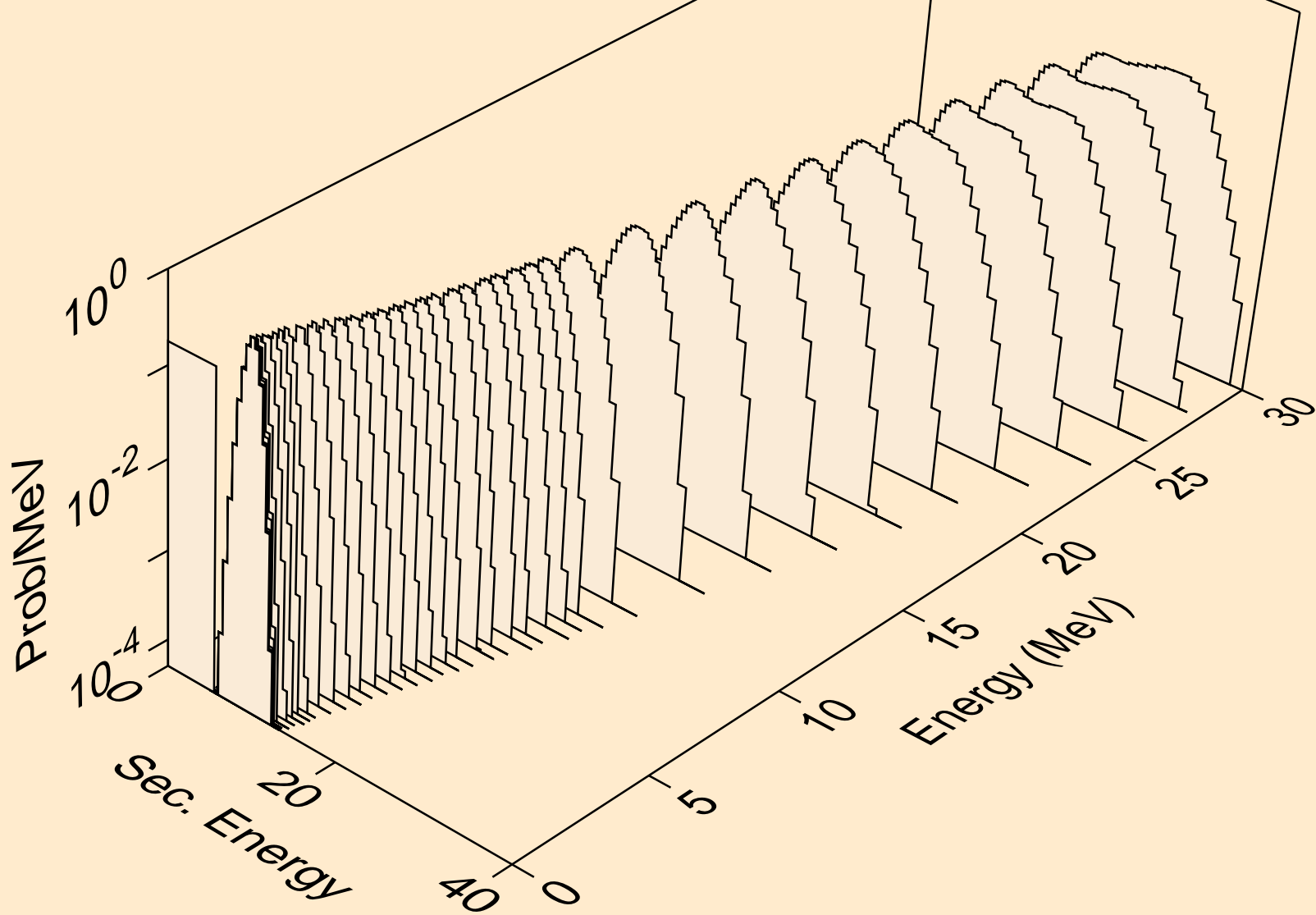
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2a)



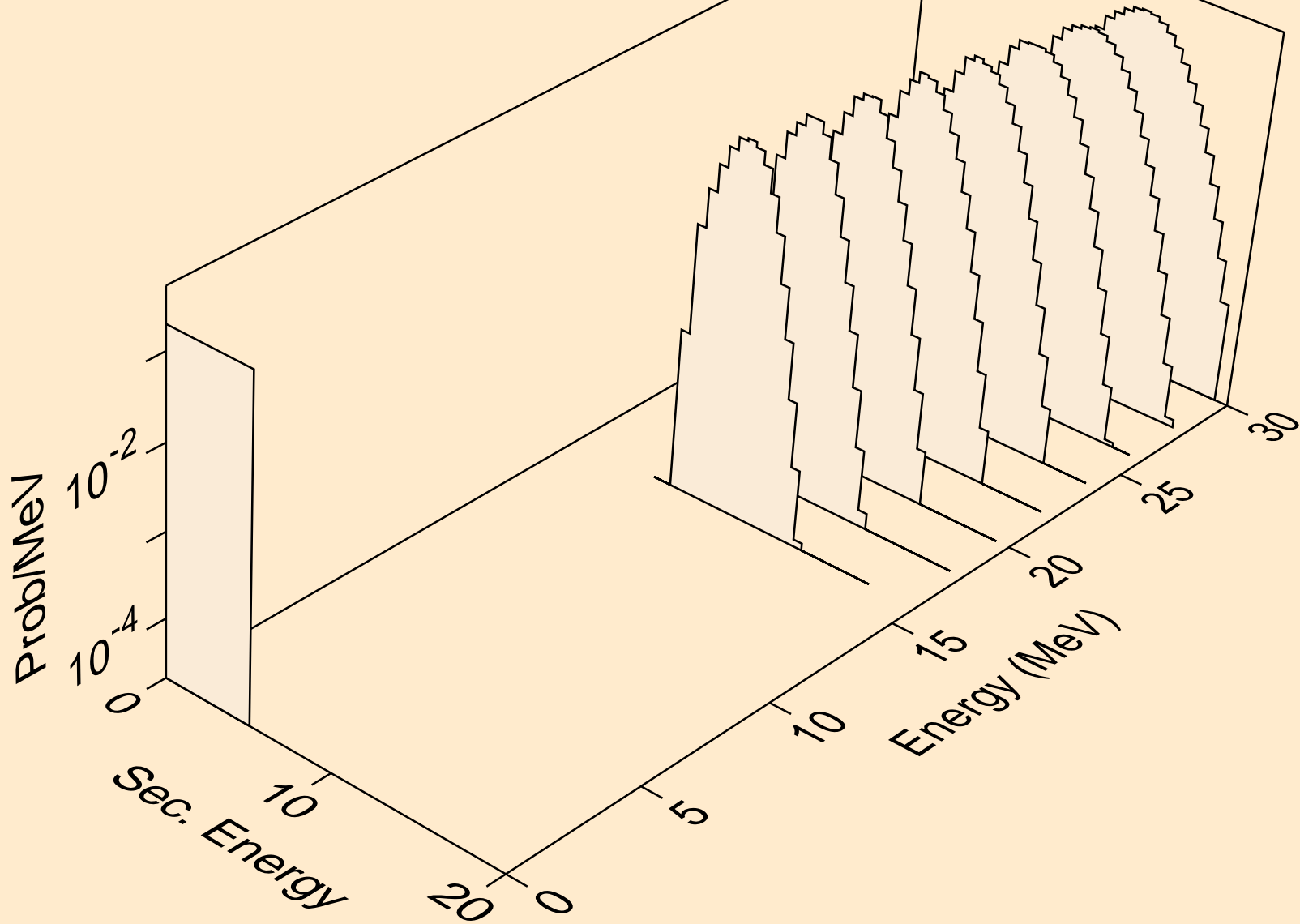
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,3a)



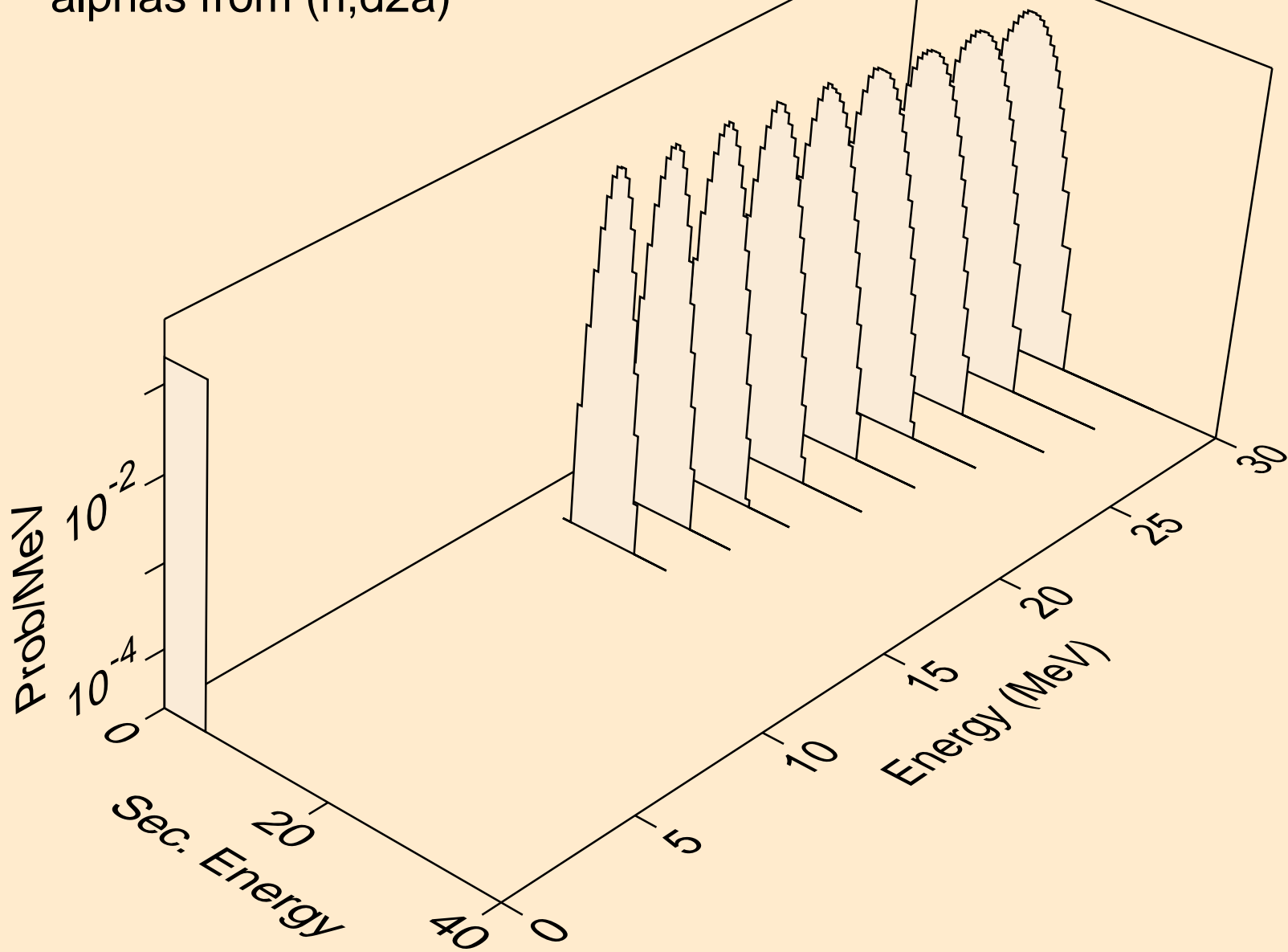
IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,pa)



IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,t2a)



IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,d2a)



IR174 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,da)

