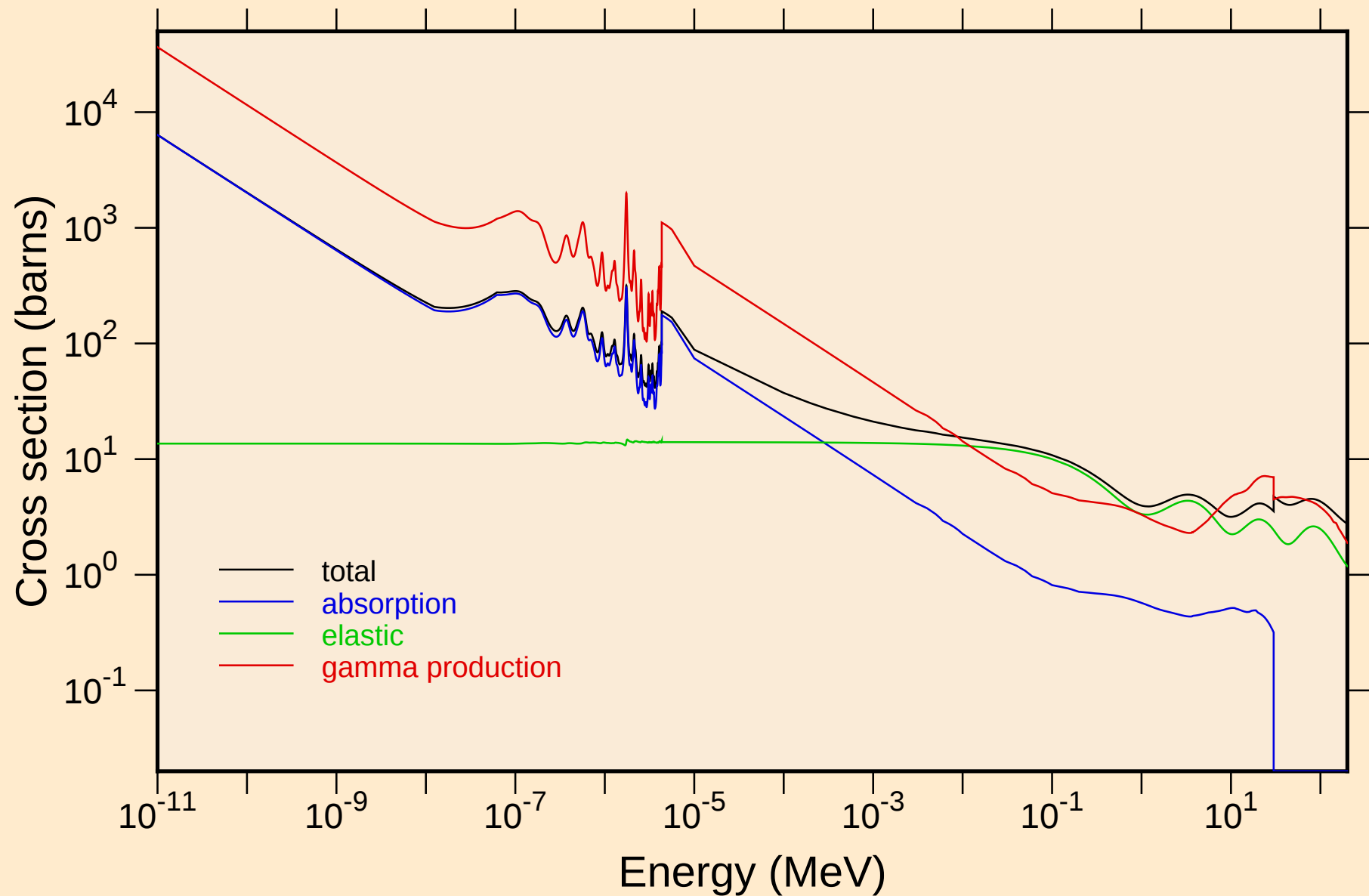
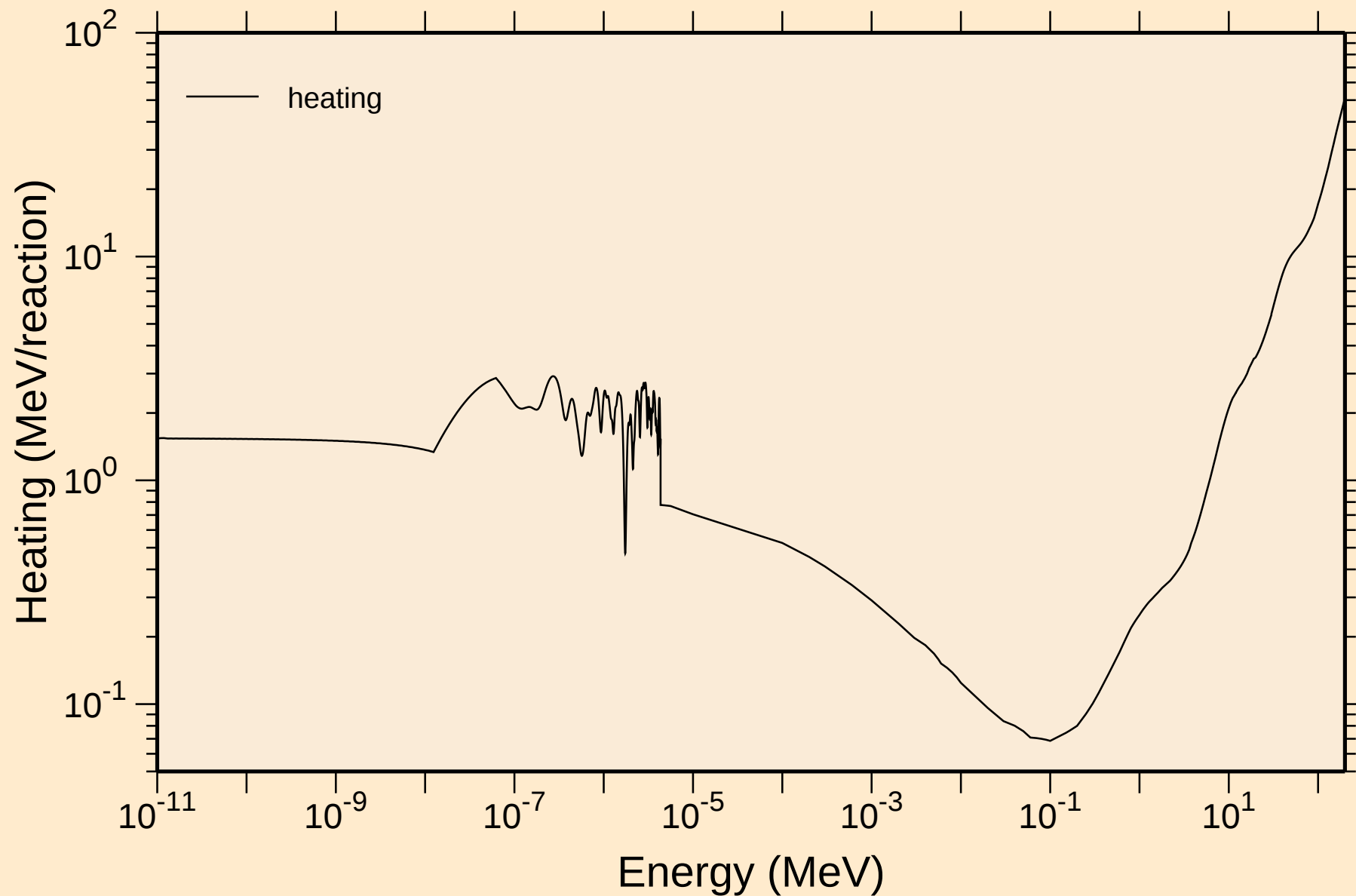


TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Principal cross sections



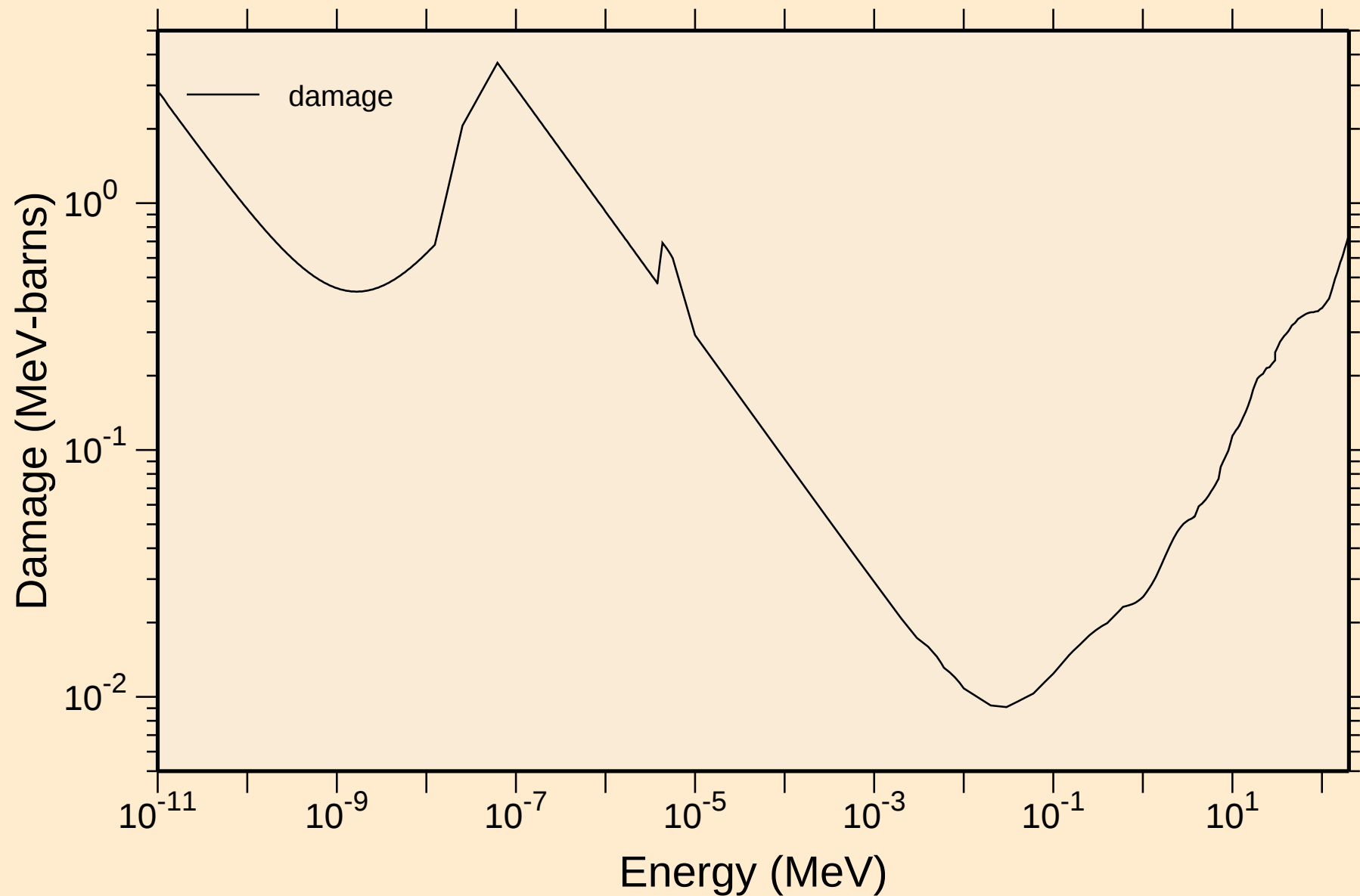
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

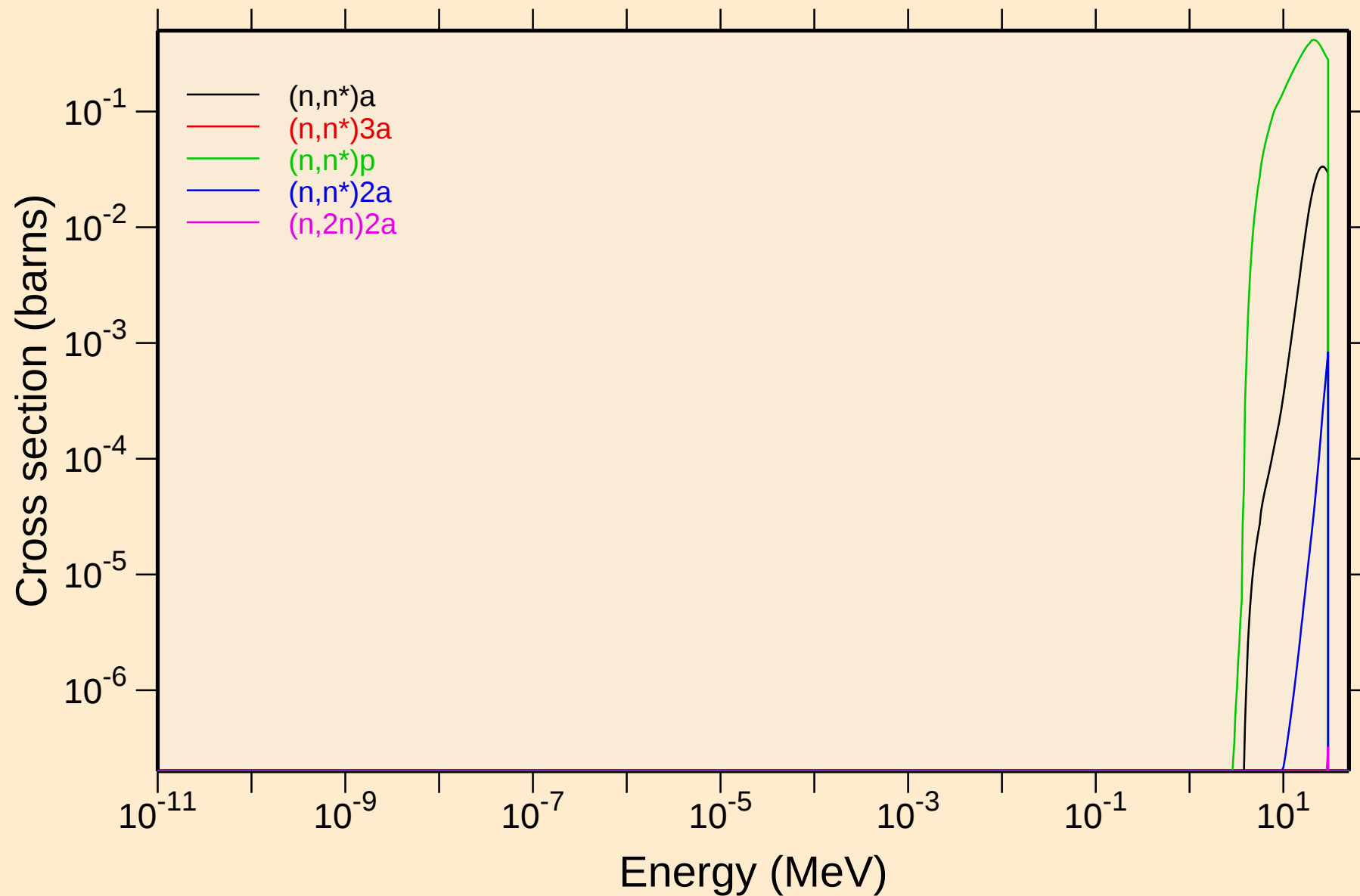


TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

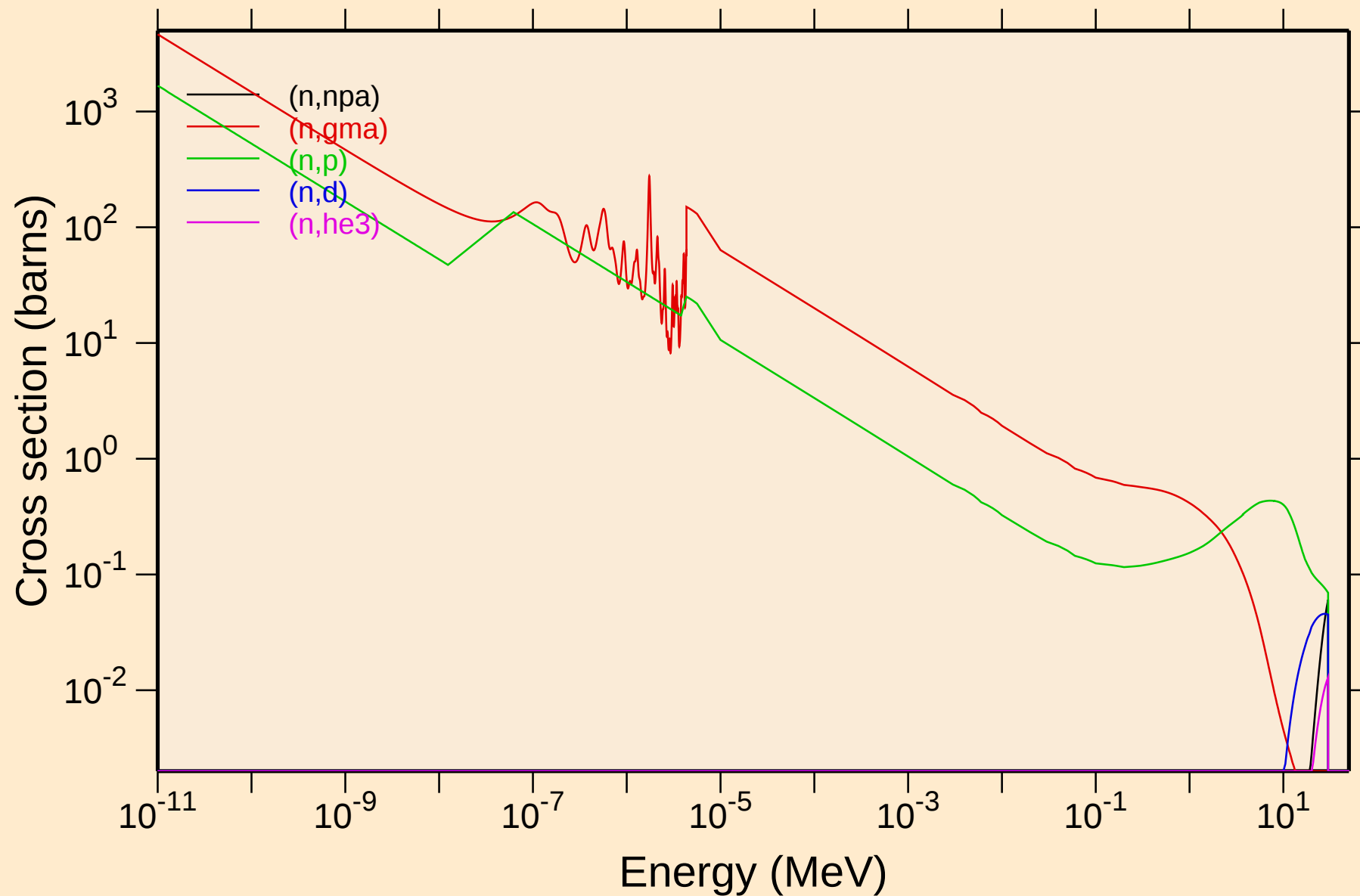
Damage



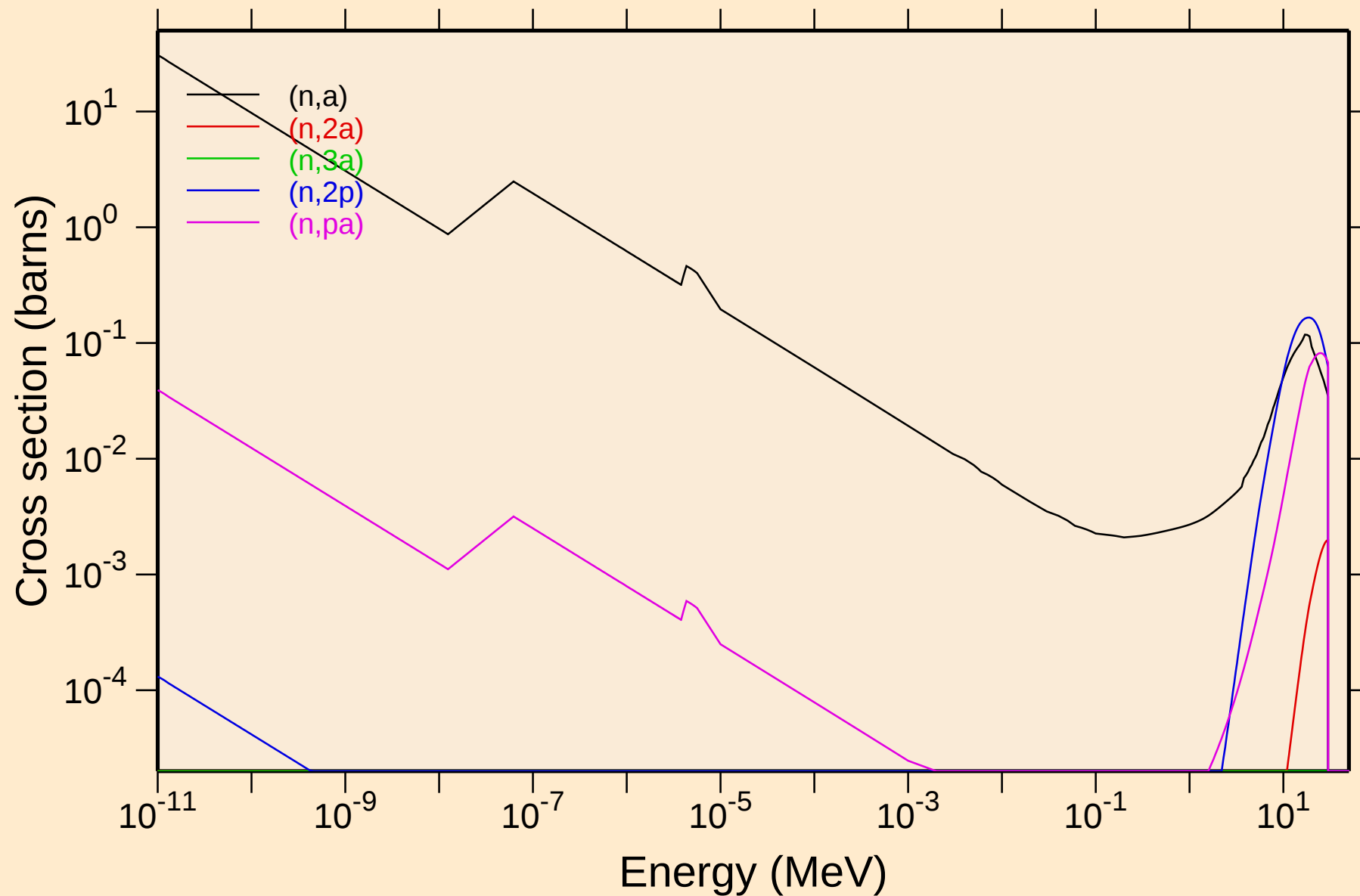
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



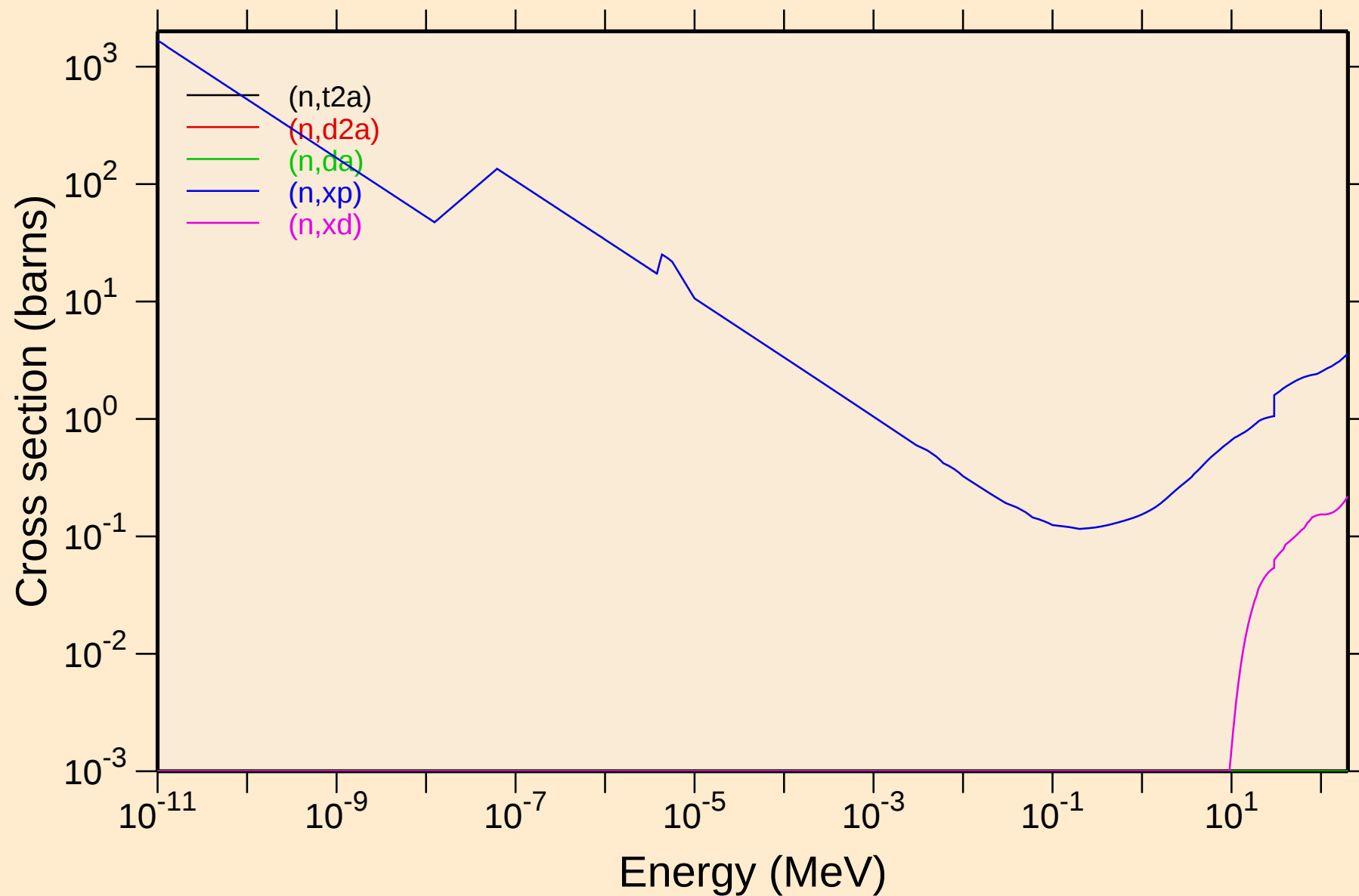
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



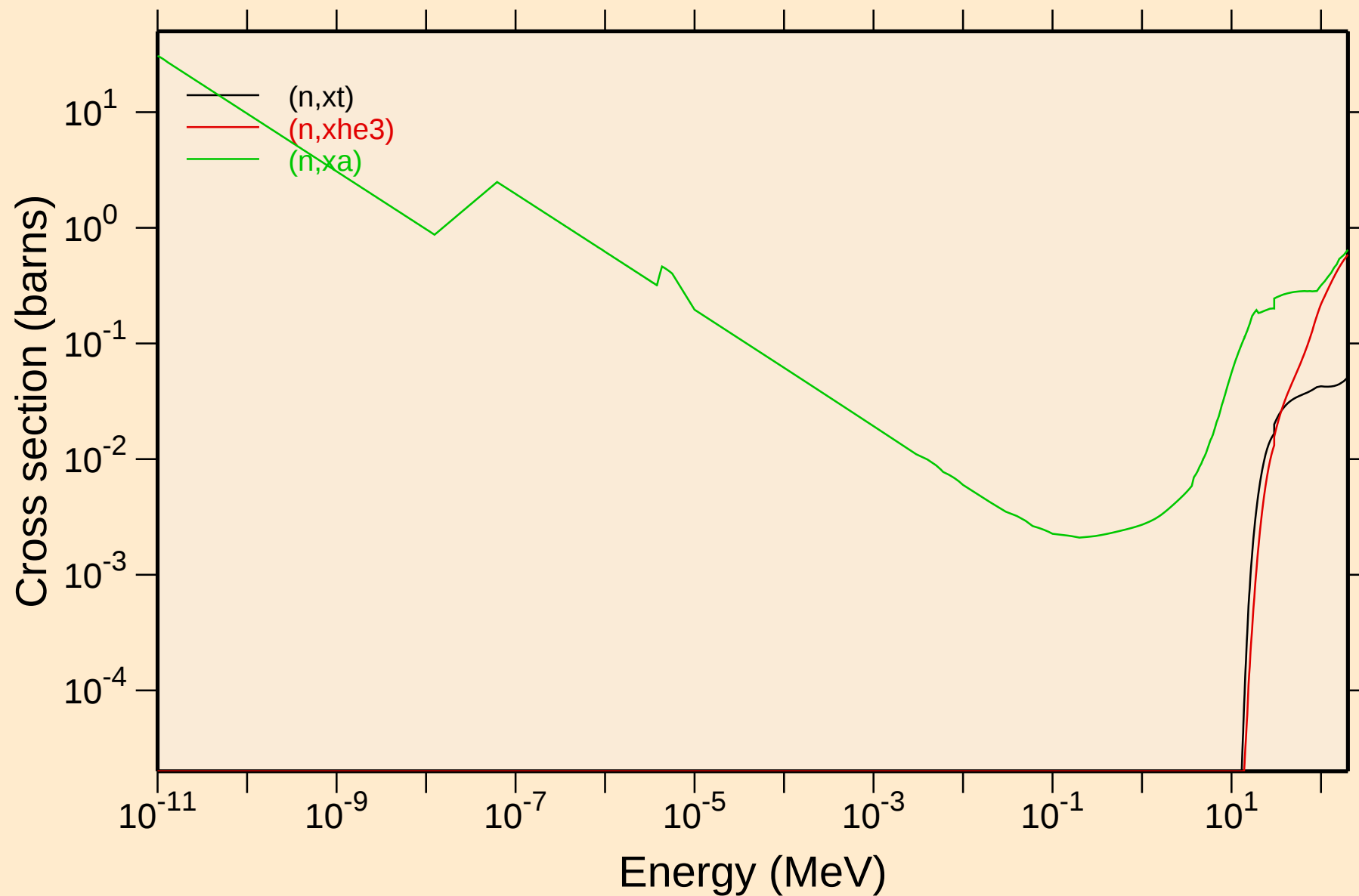
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

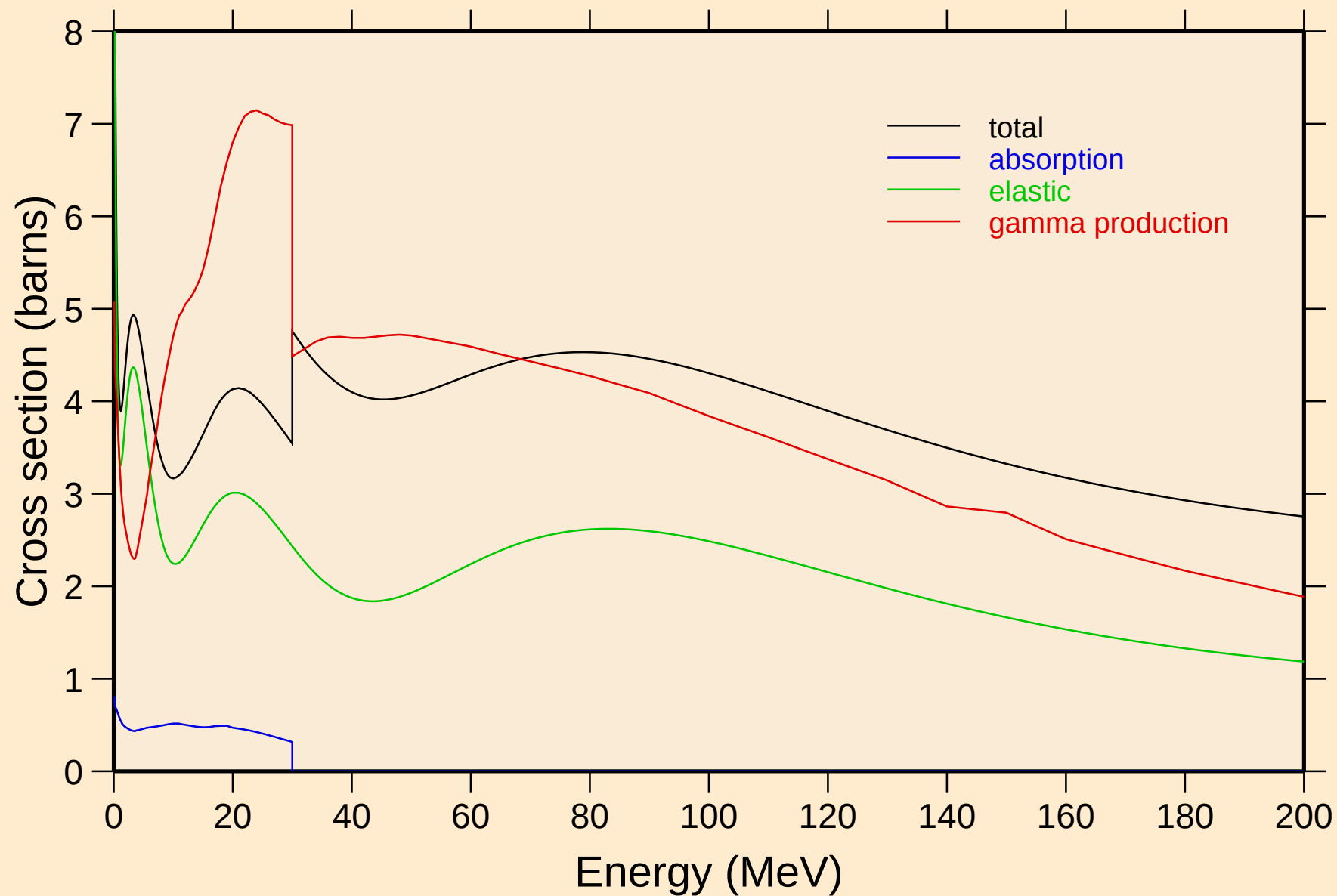


TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



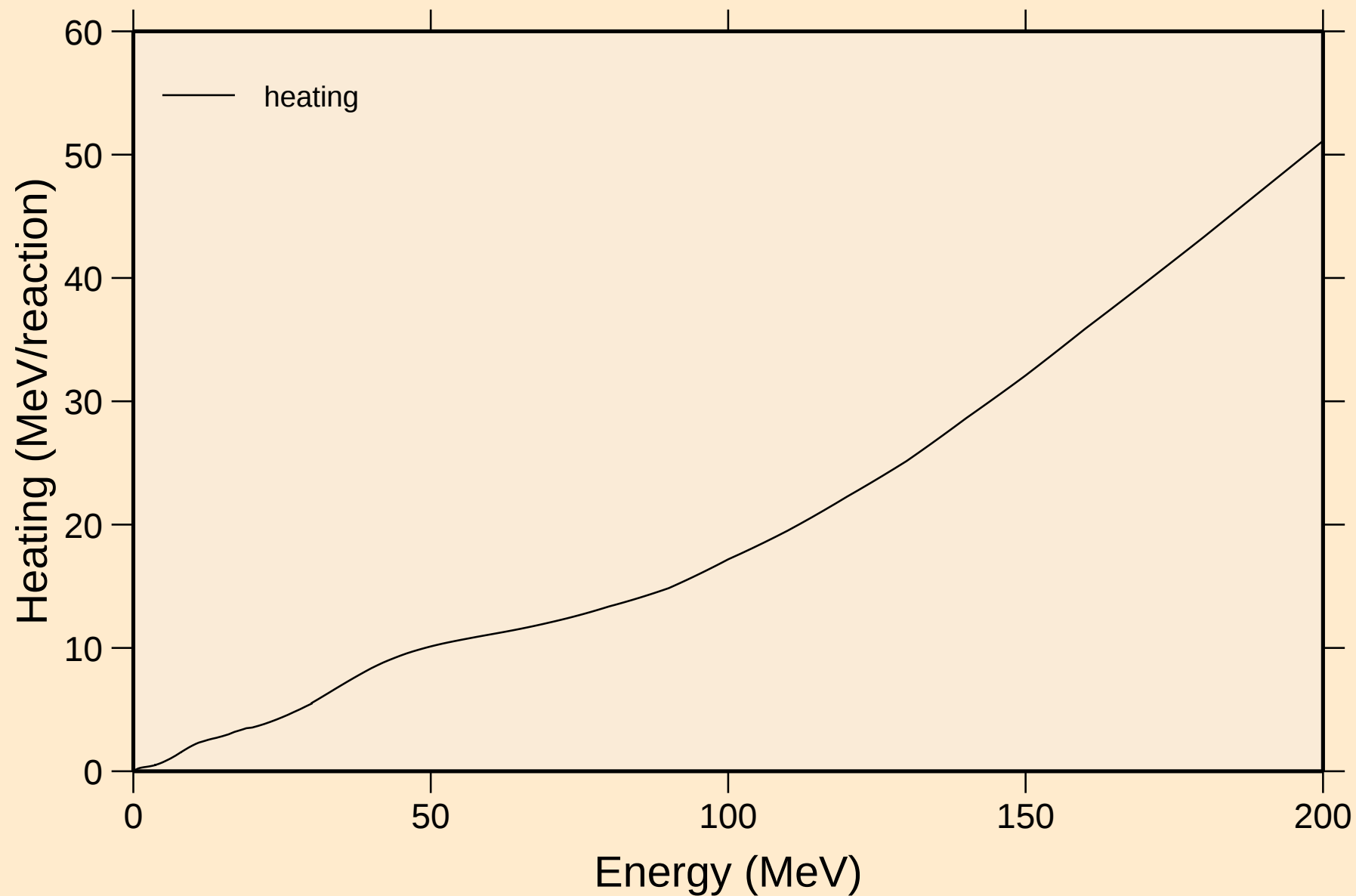
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



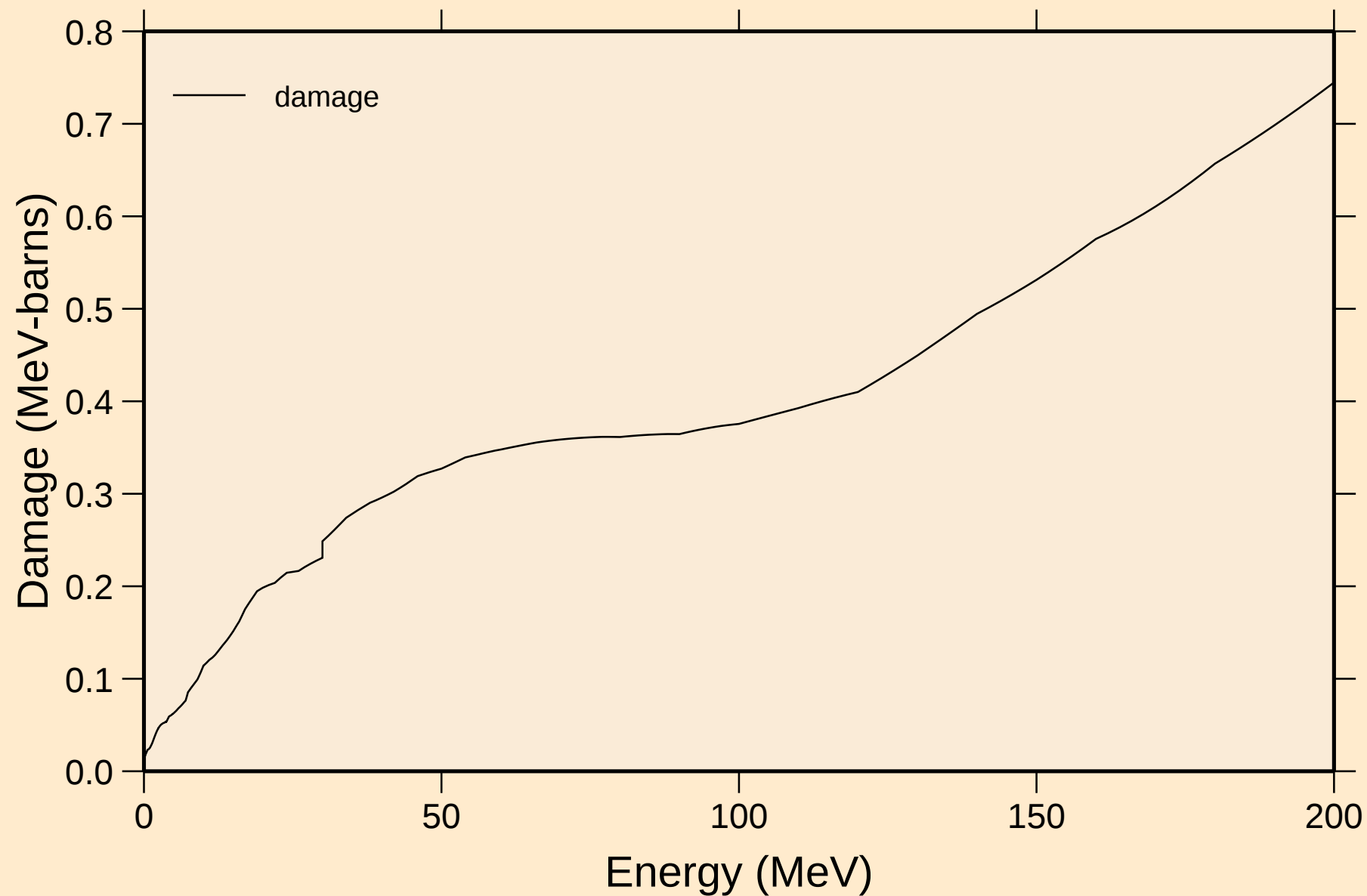
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Heating

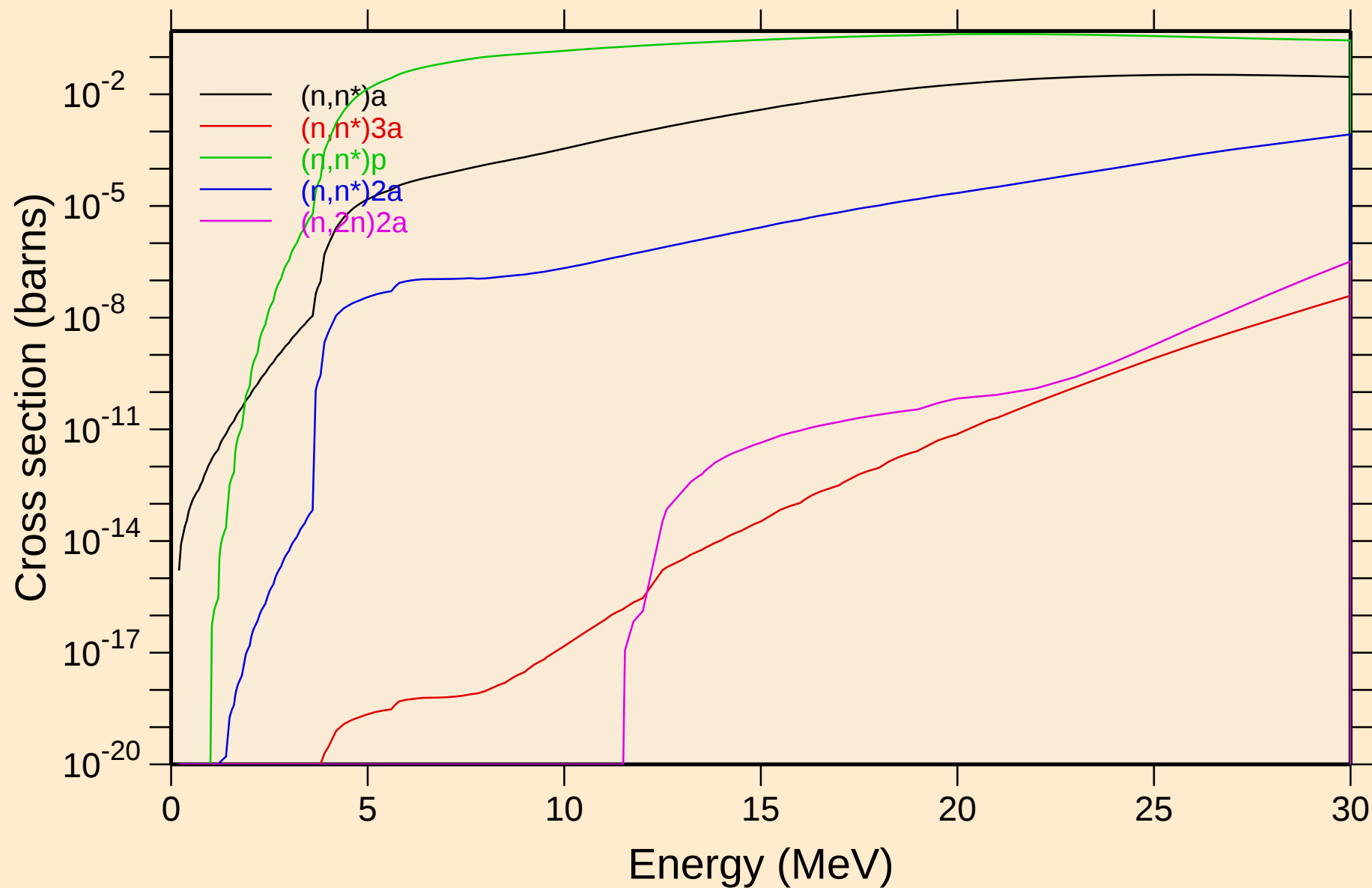


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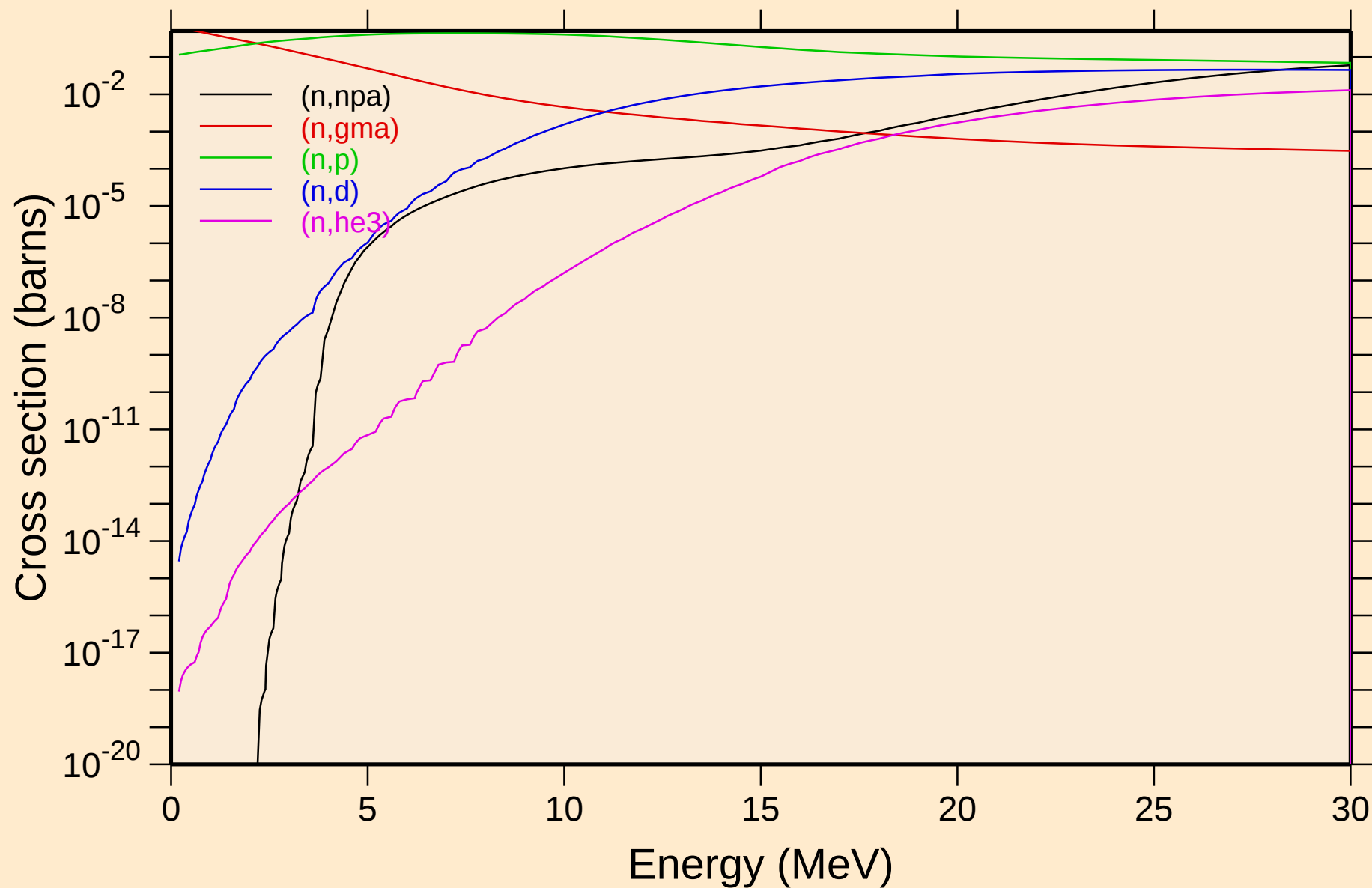
Damage



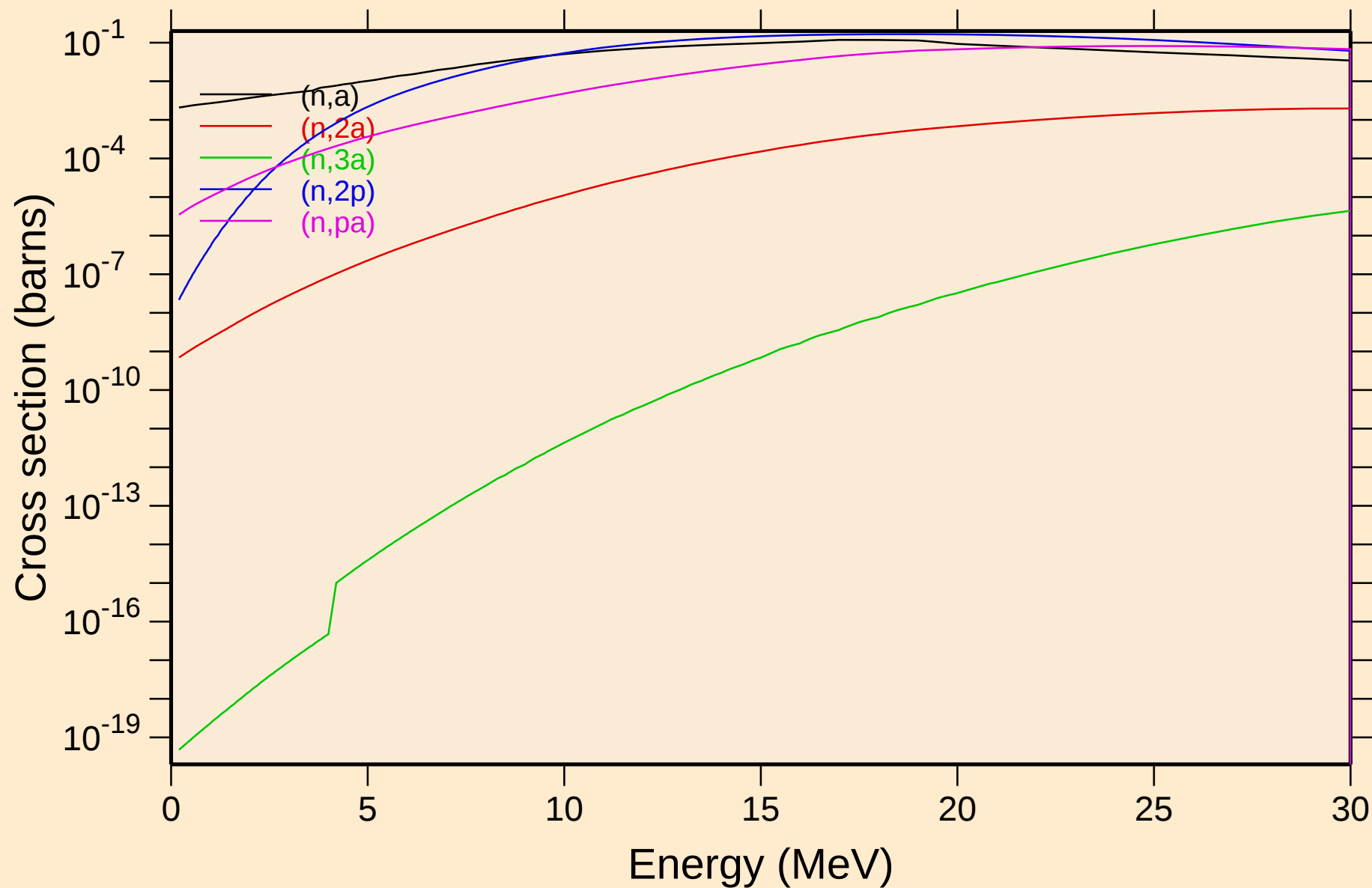
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



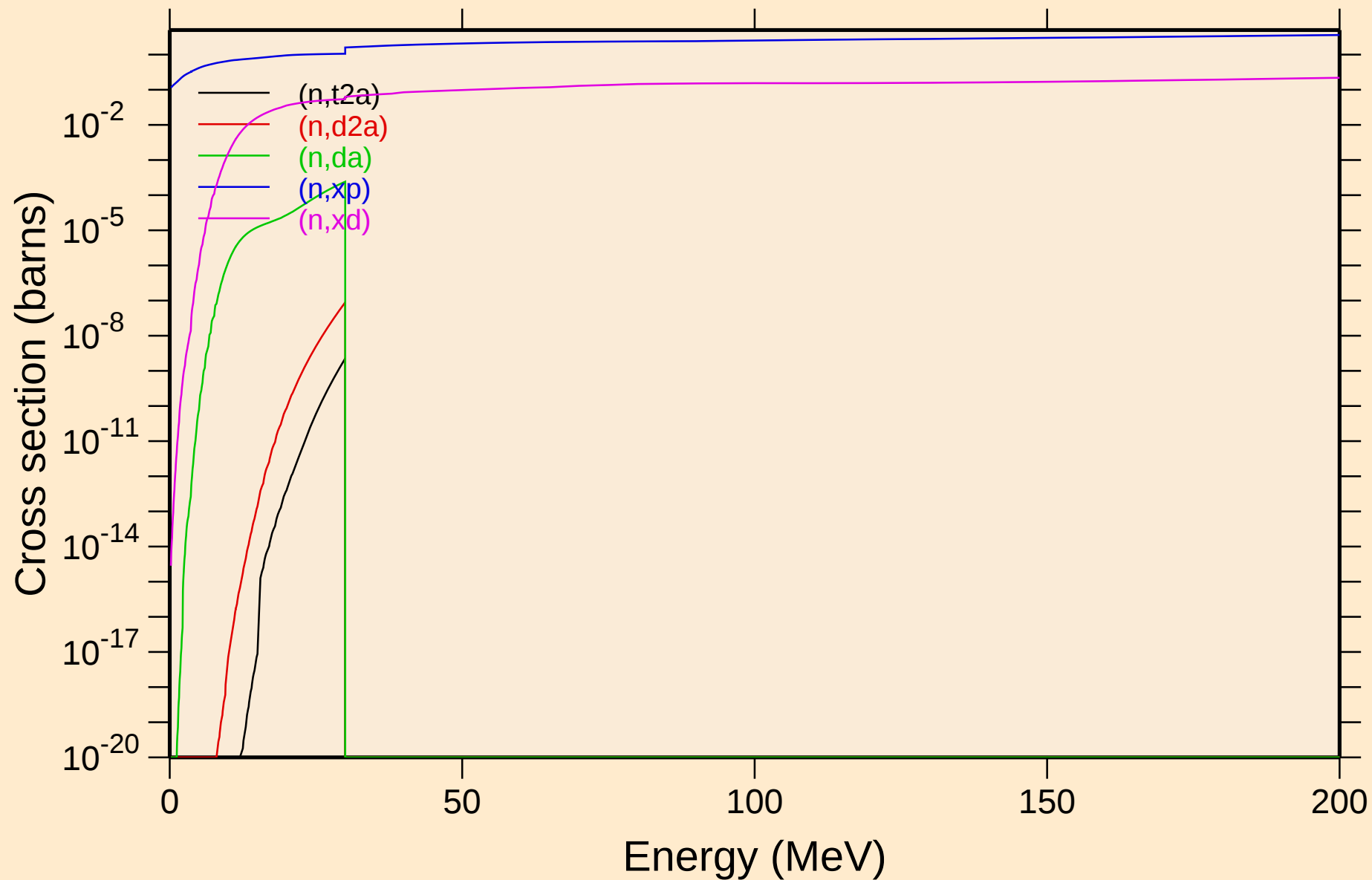
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



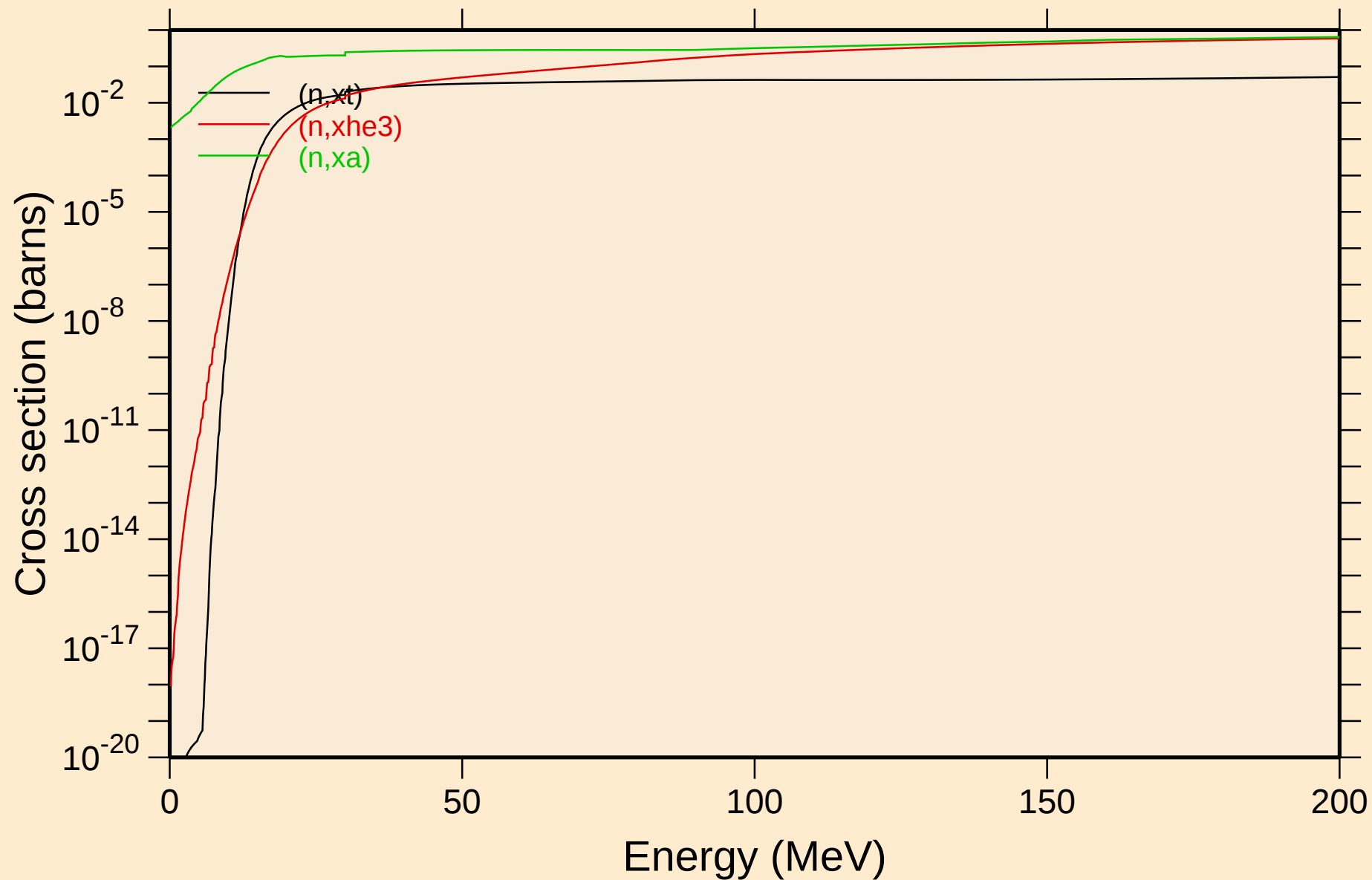
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

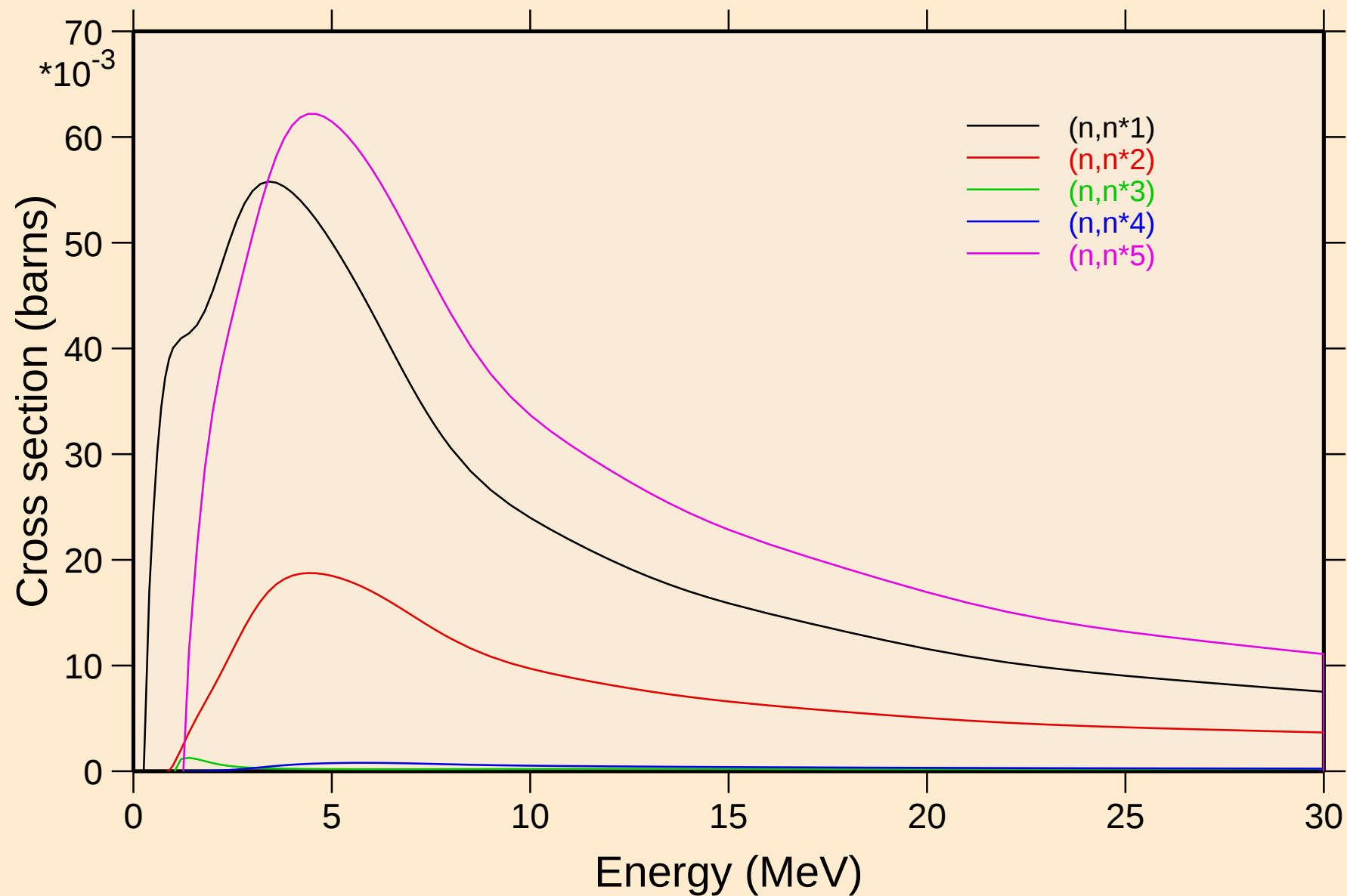


TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



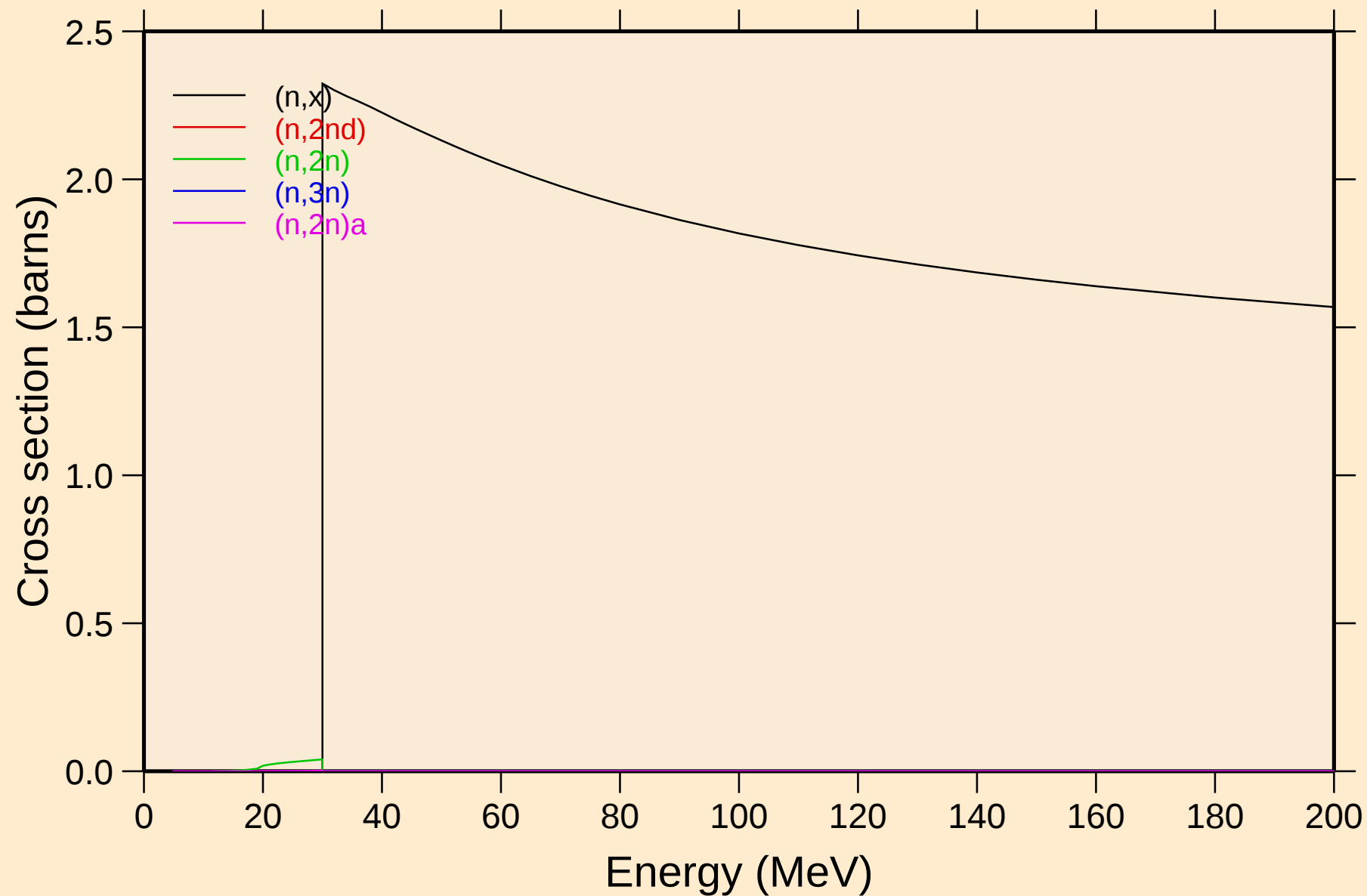
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels

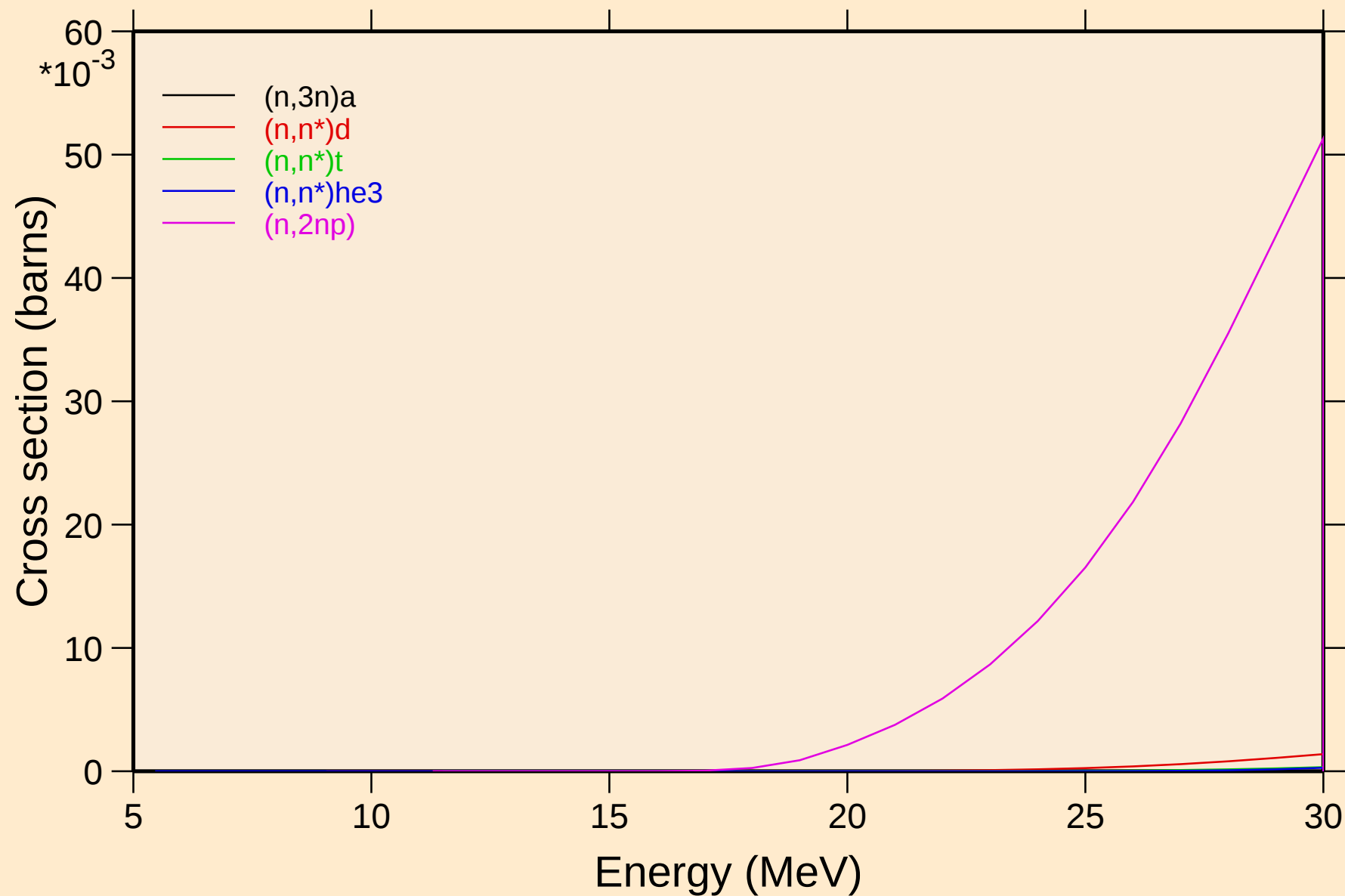


TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

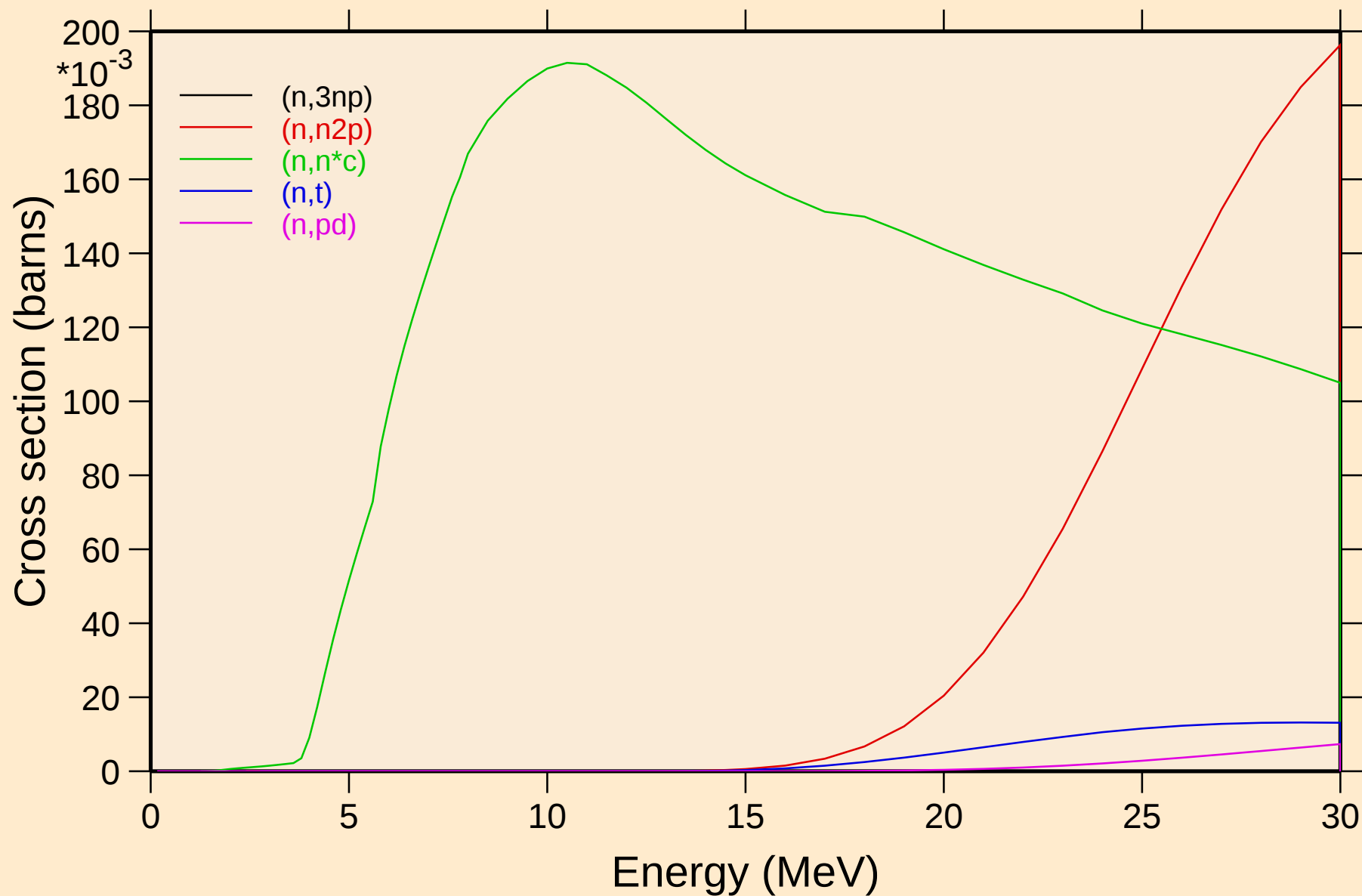
Threshold reactions



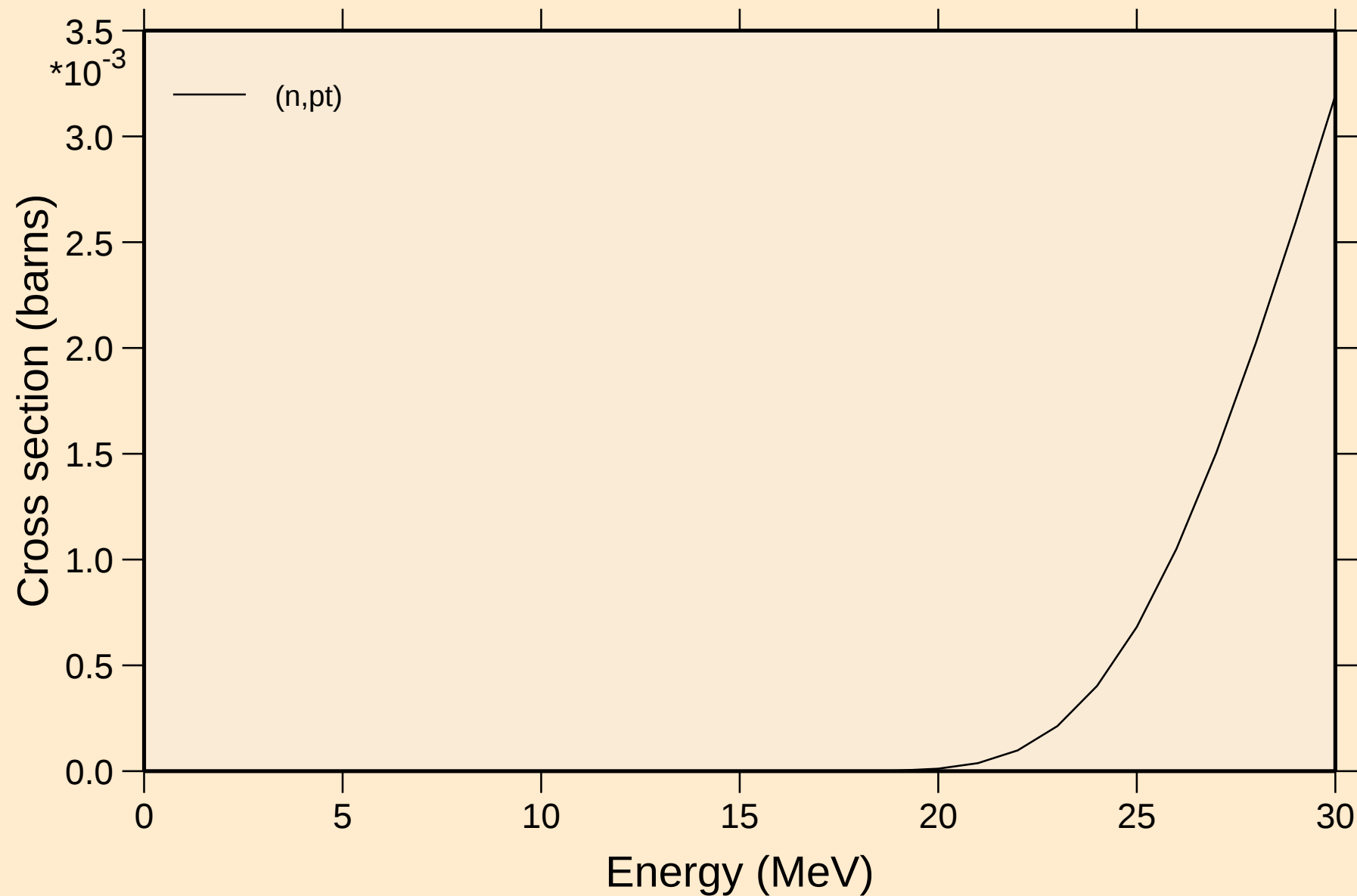
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



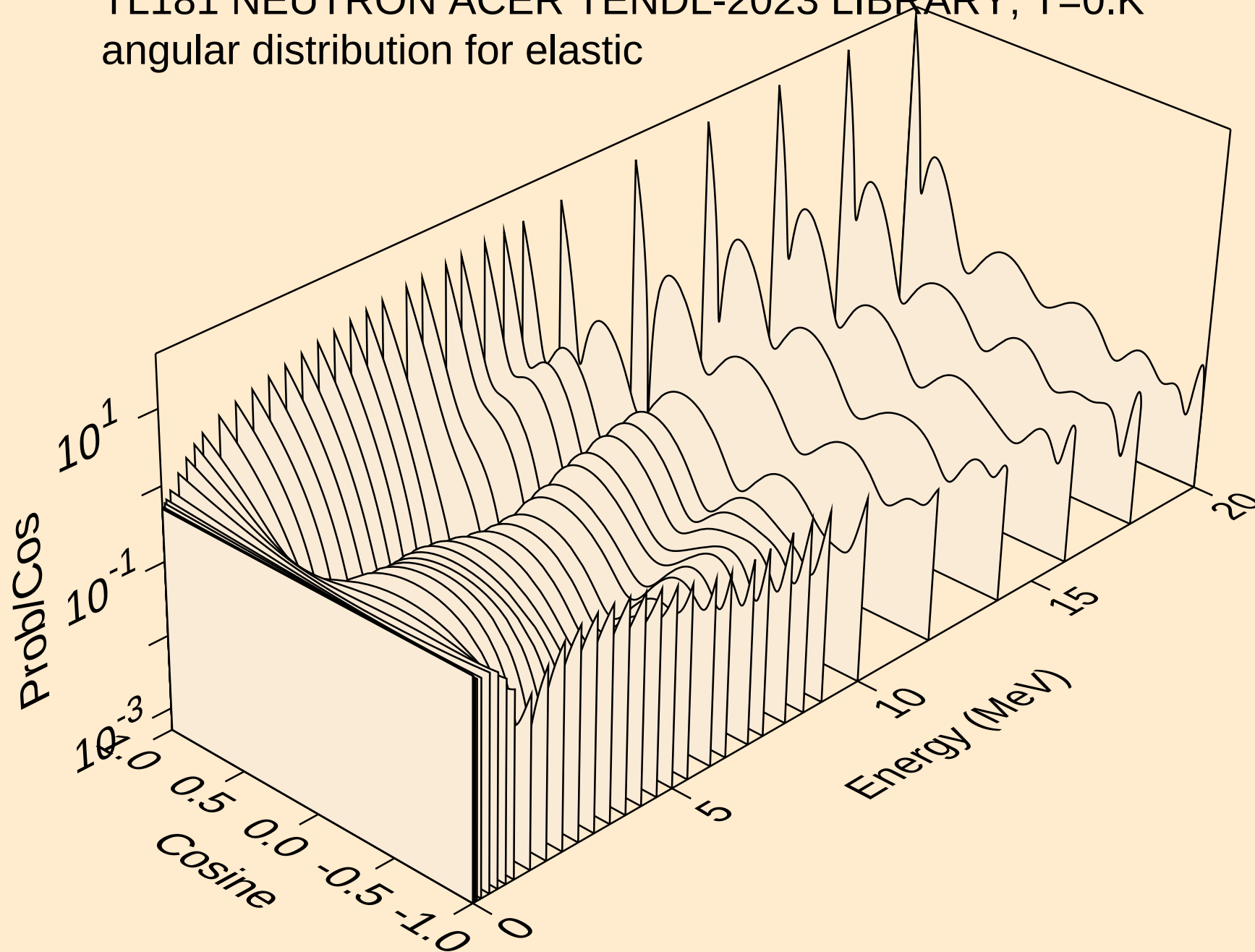
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



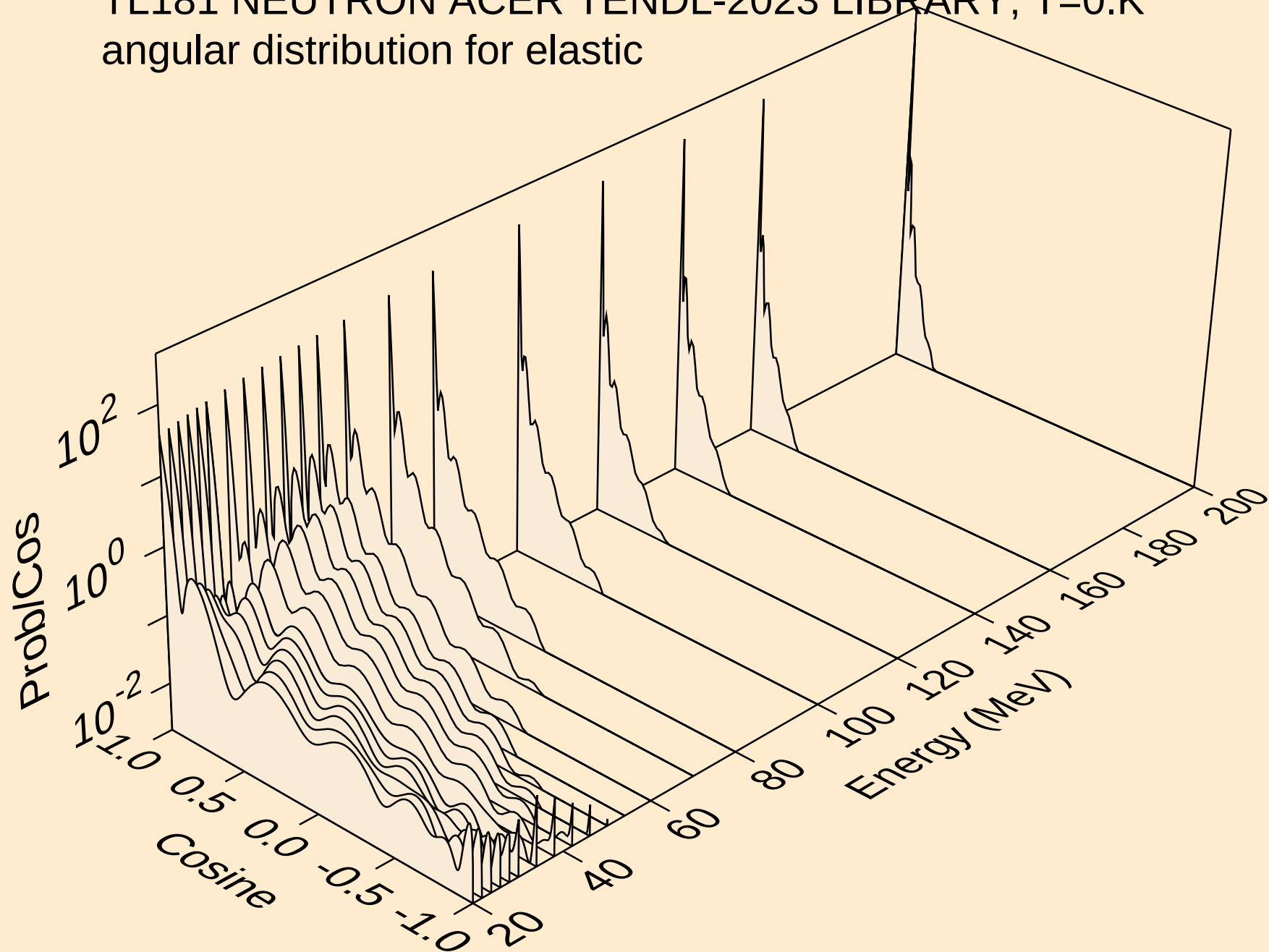
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



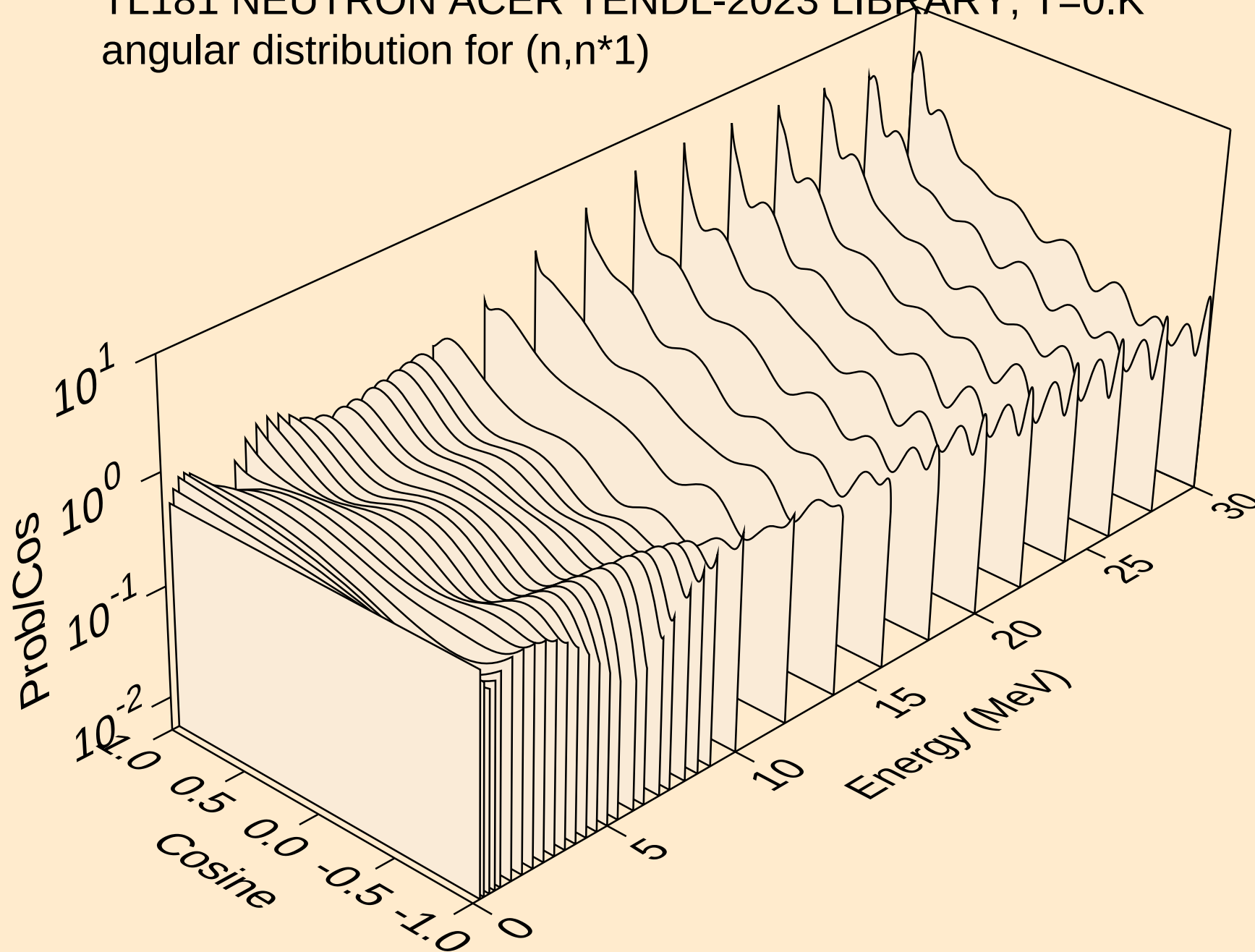
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



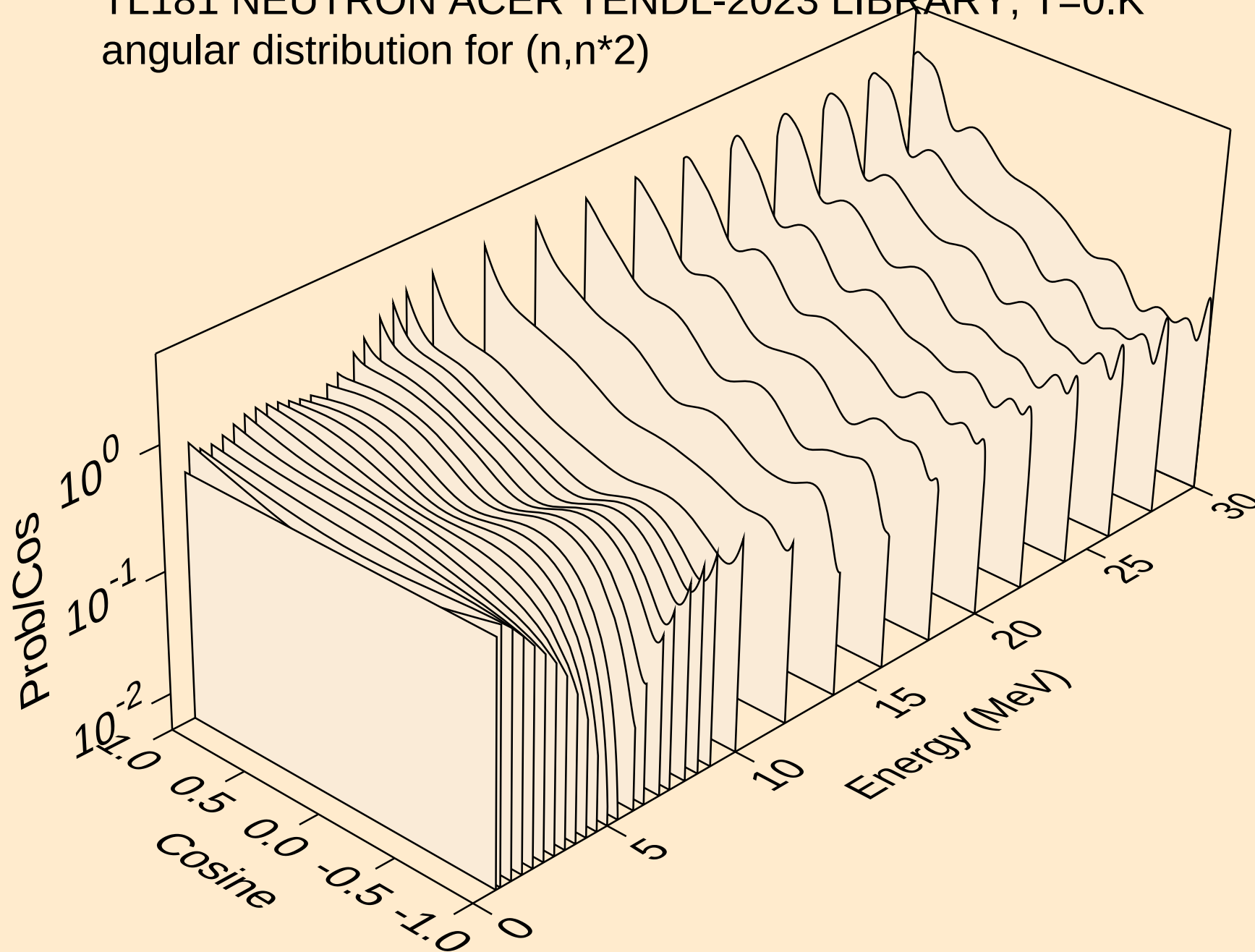
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



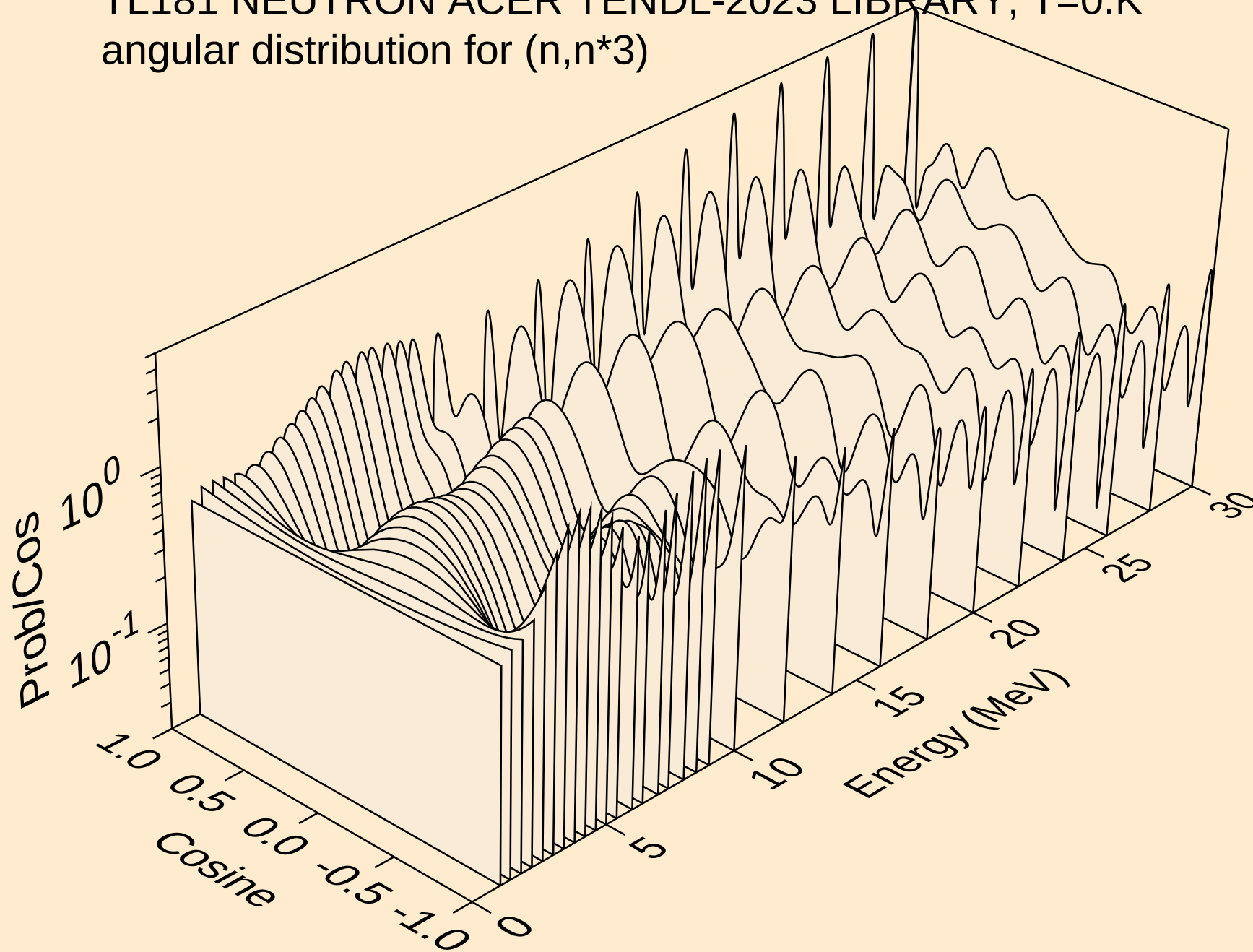
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



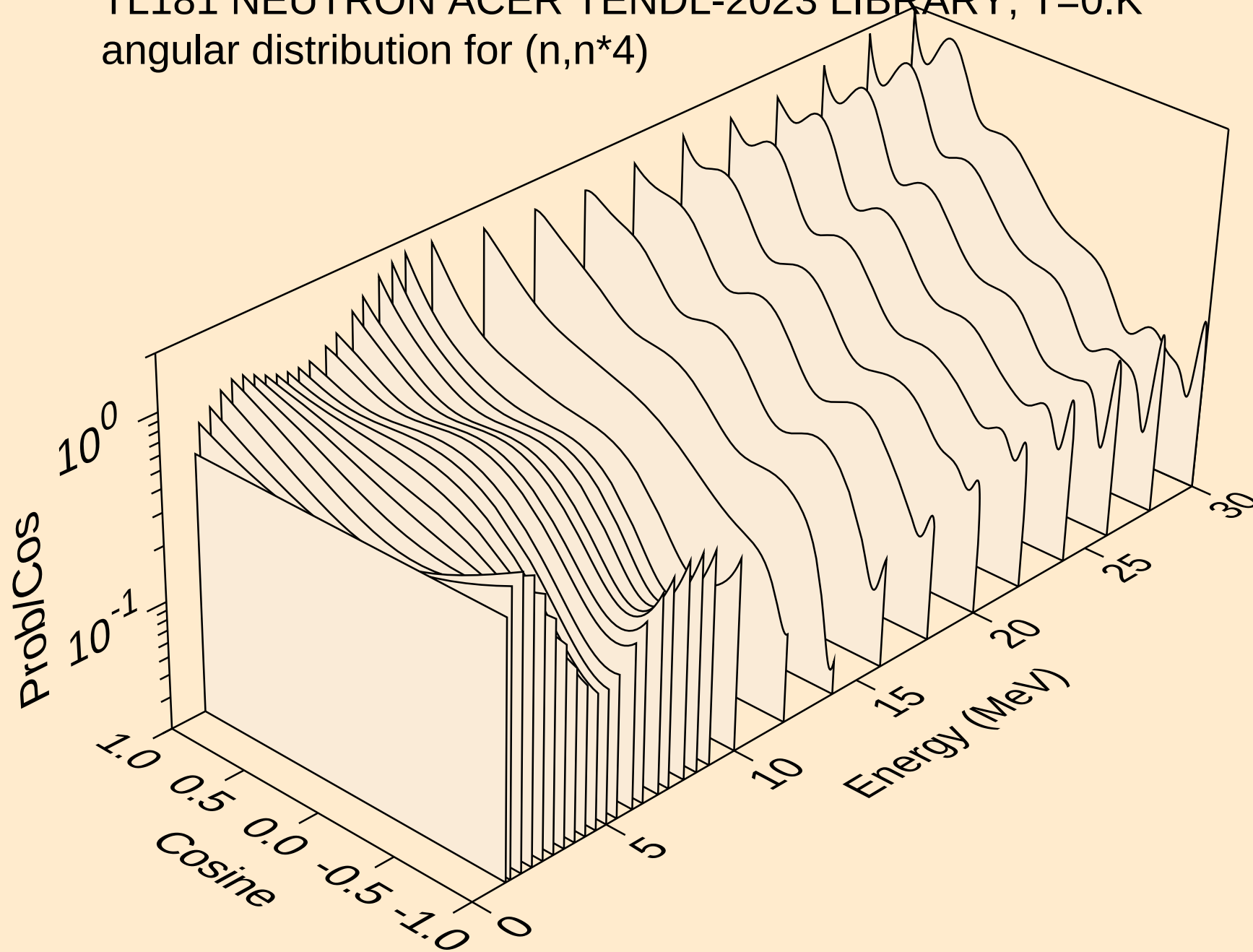
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



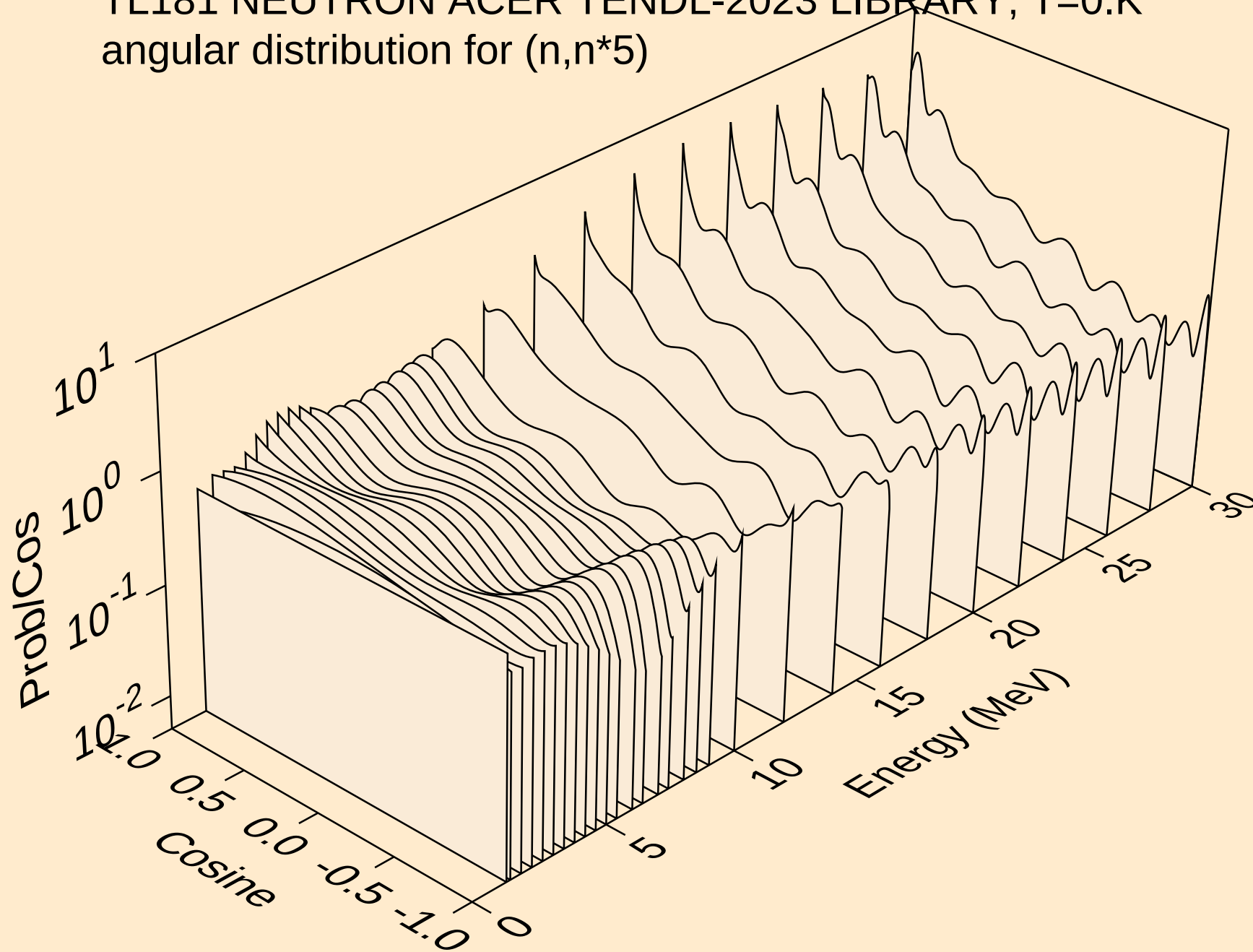
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



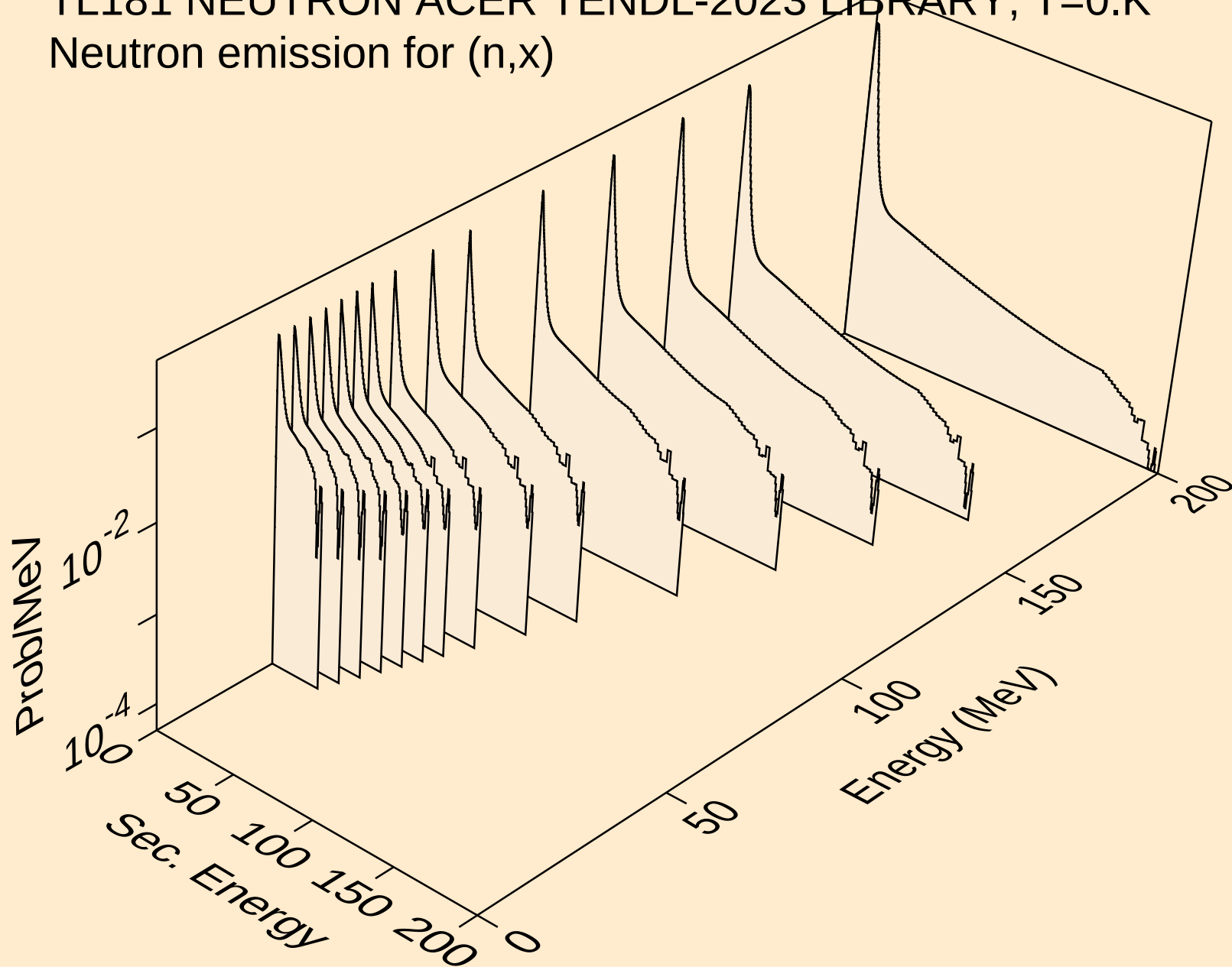
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



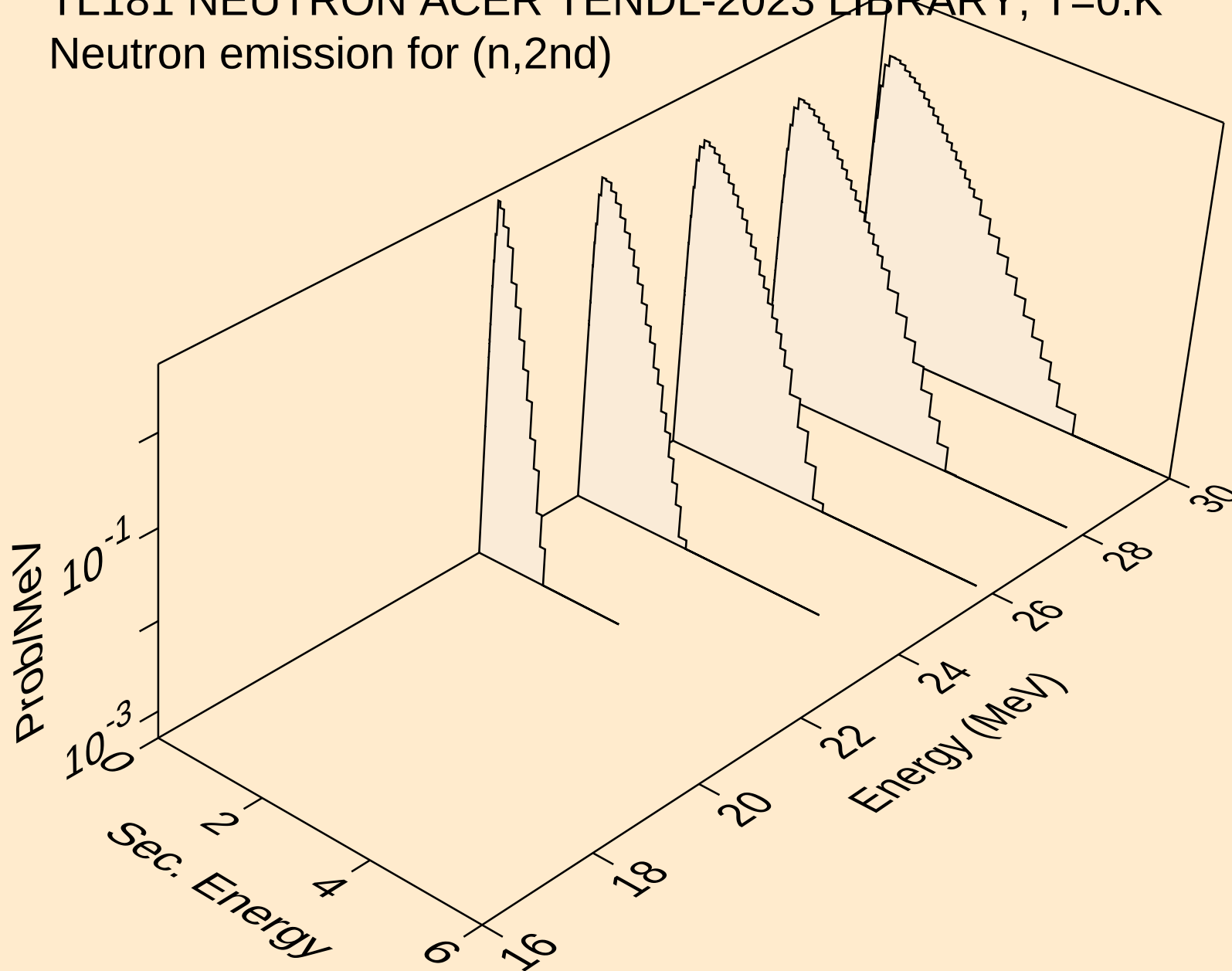
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



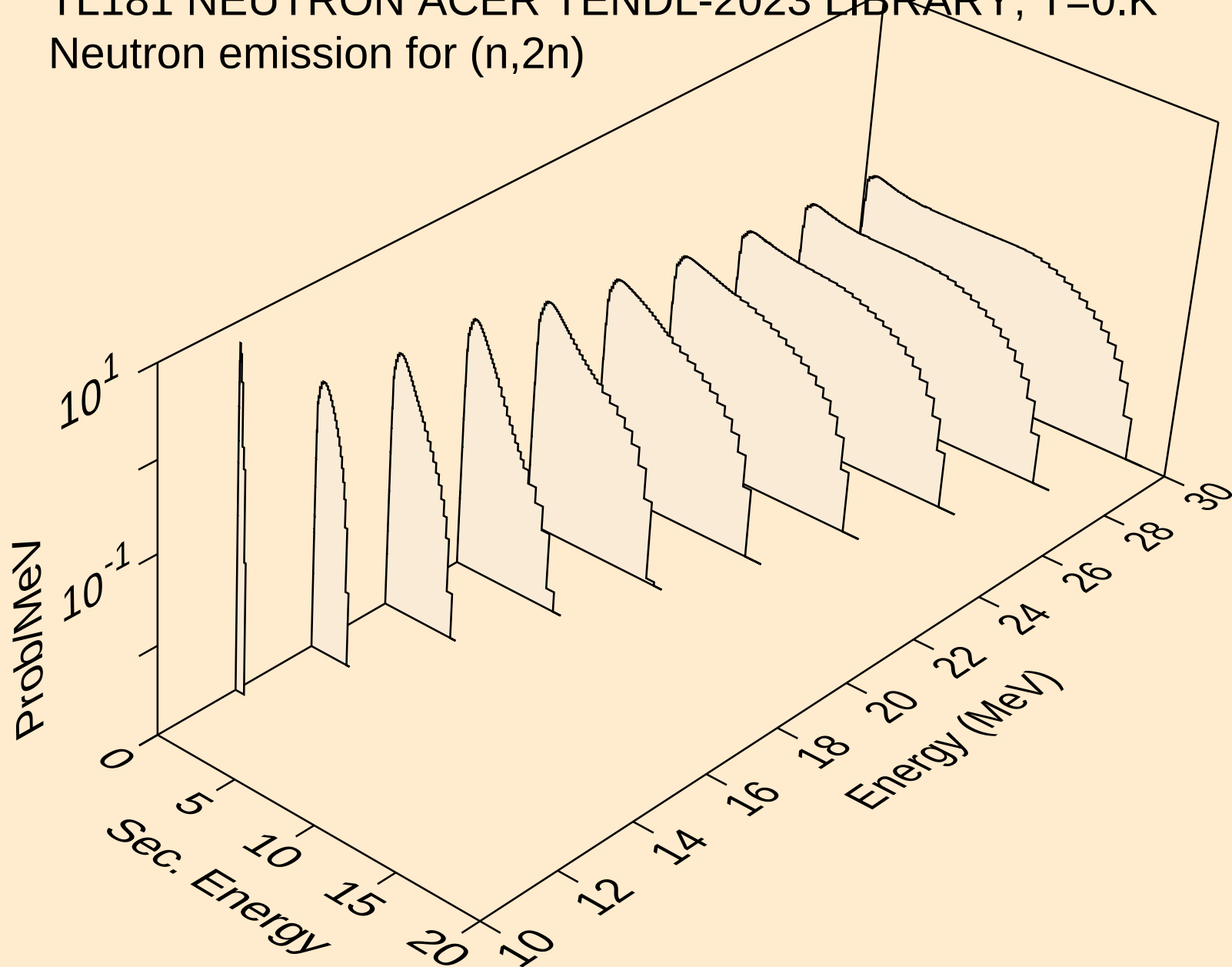
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



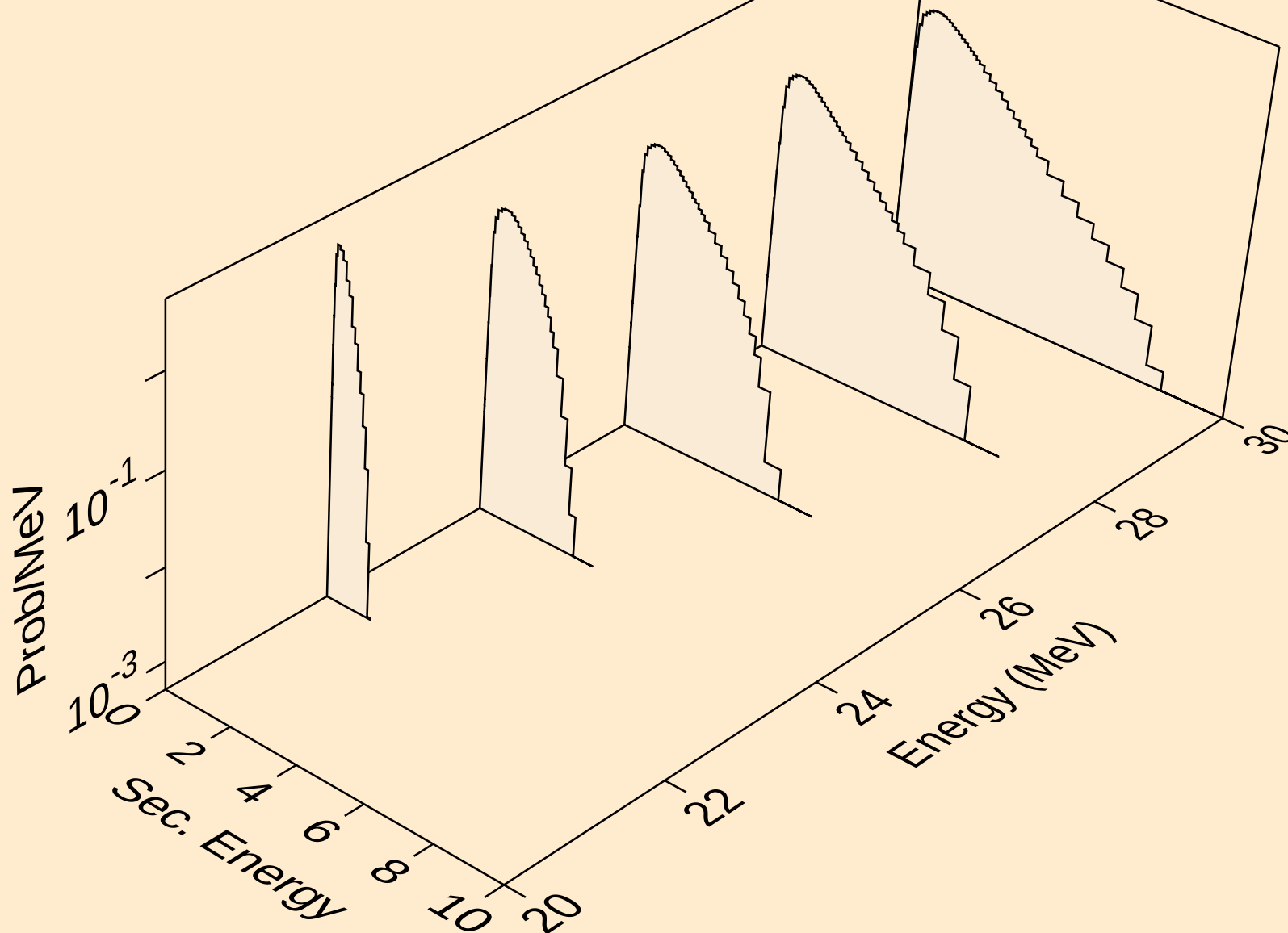
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



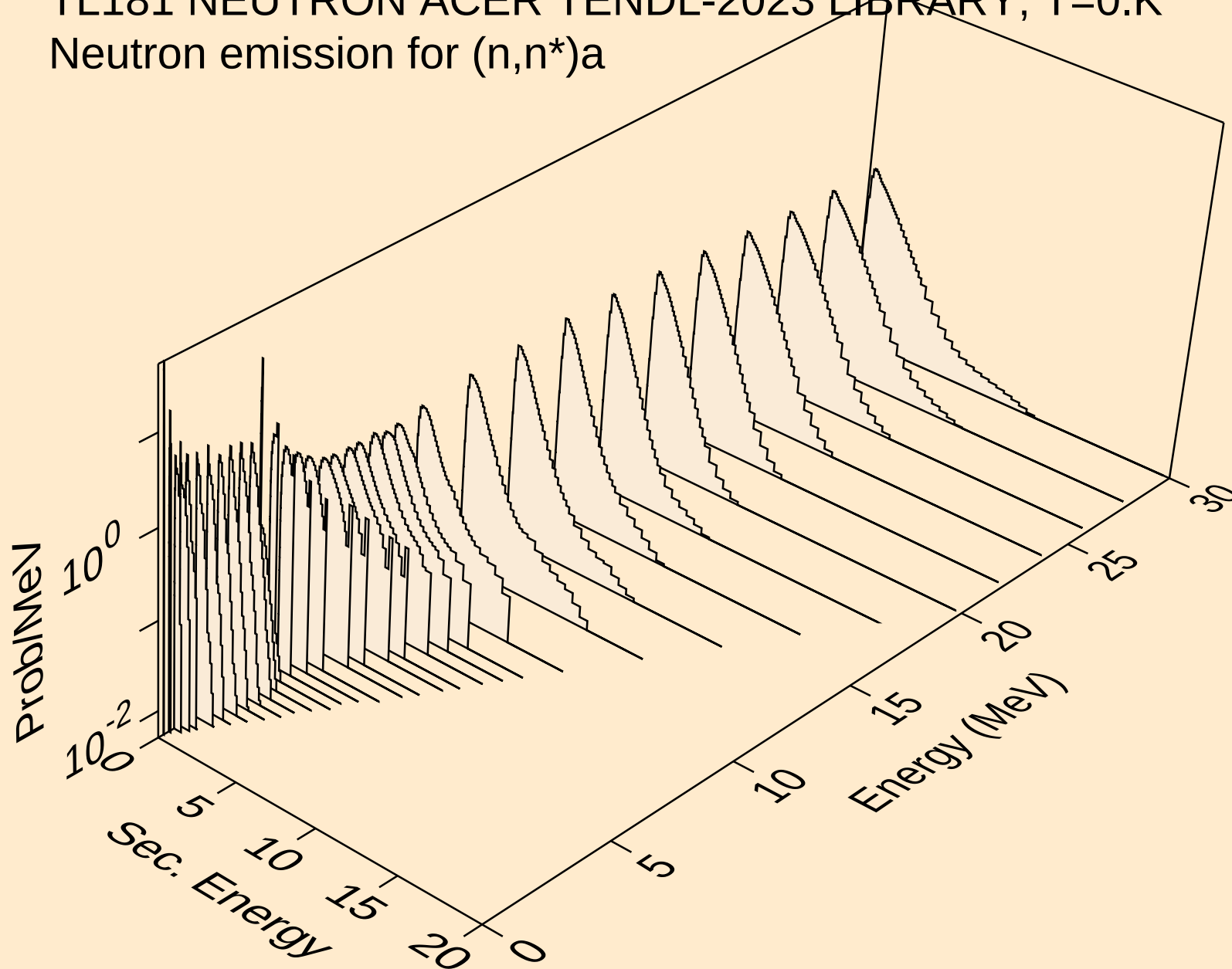
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



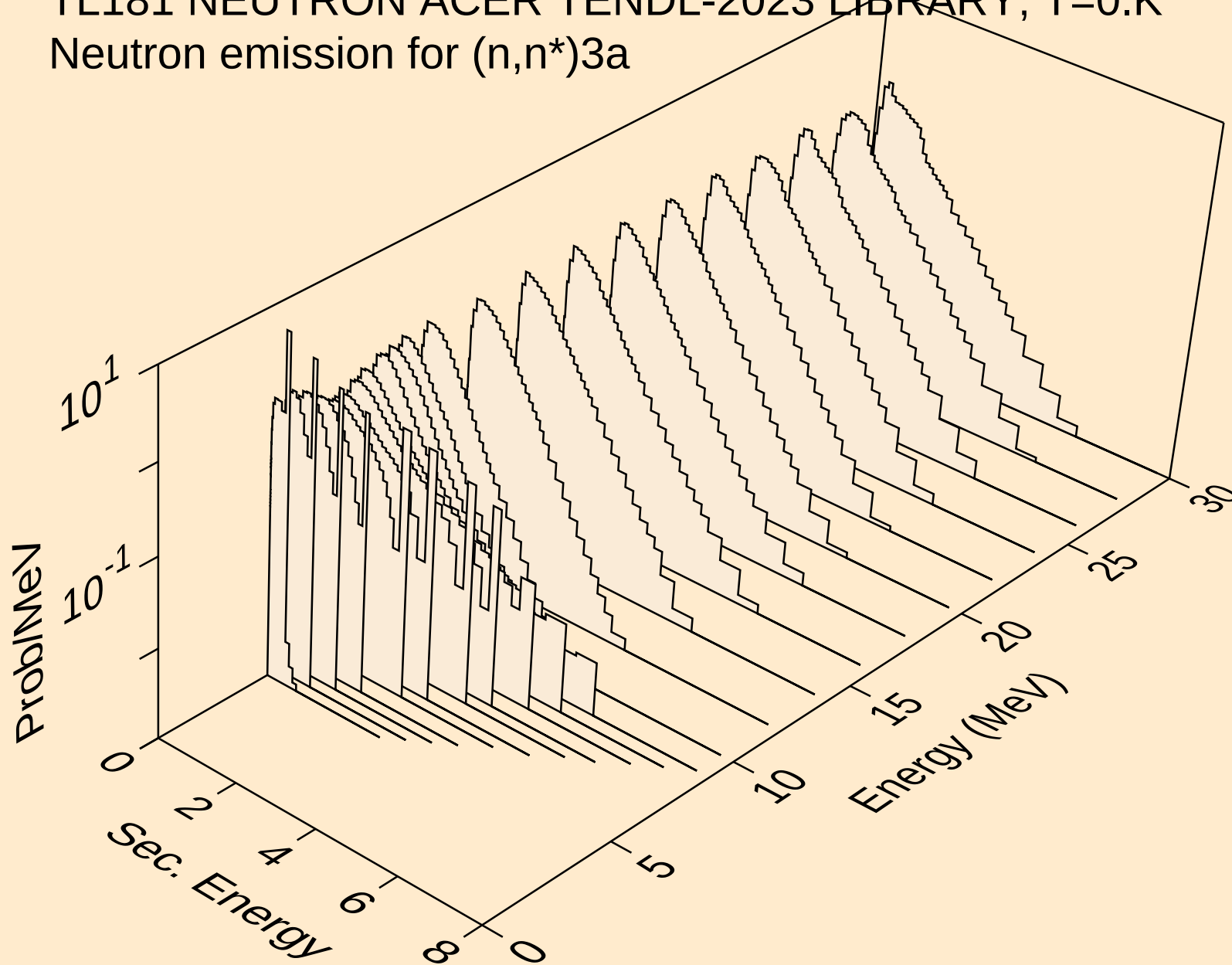
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



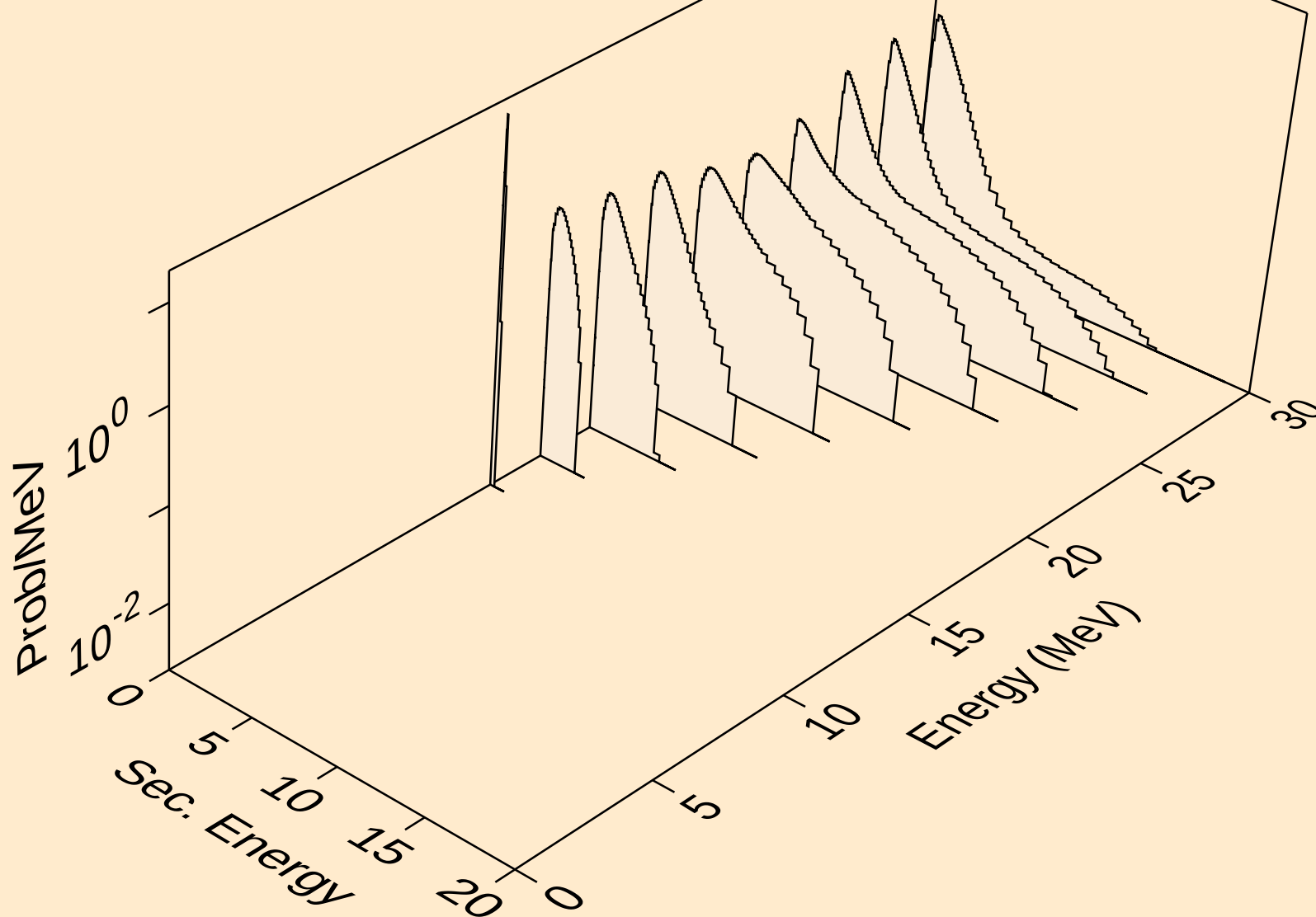
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



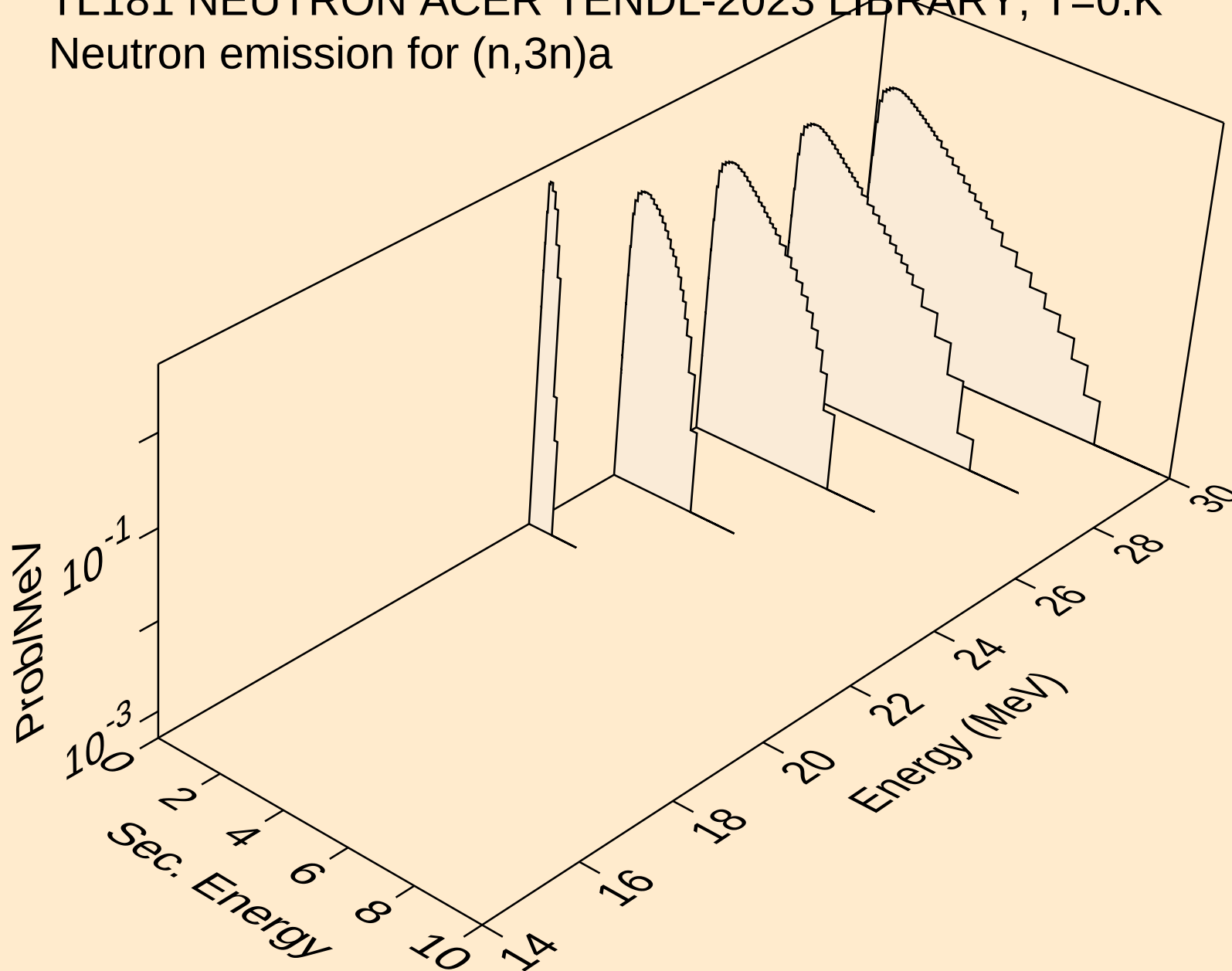
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)3a



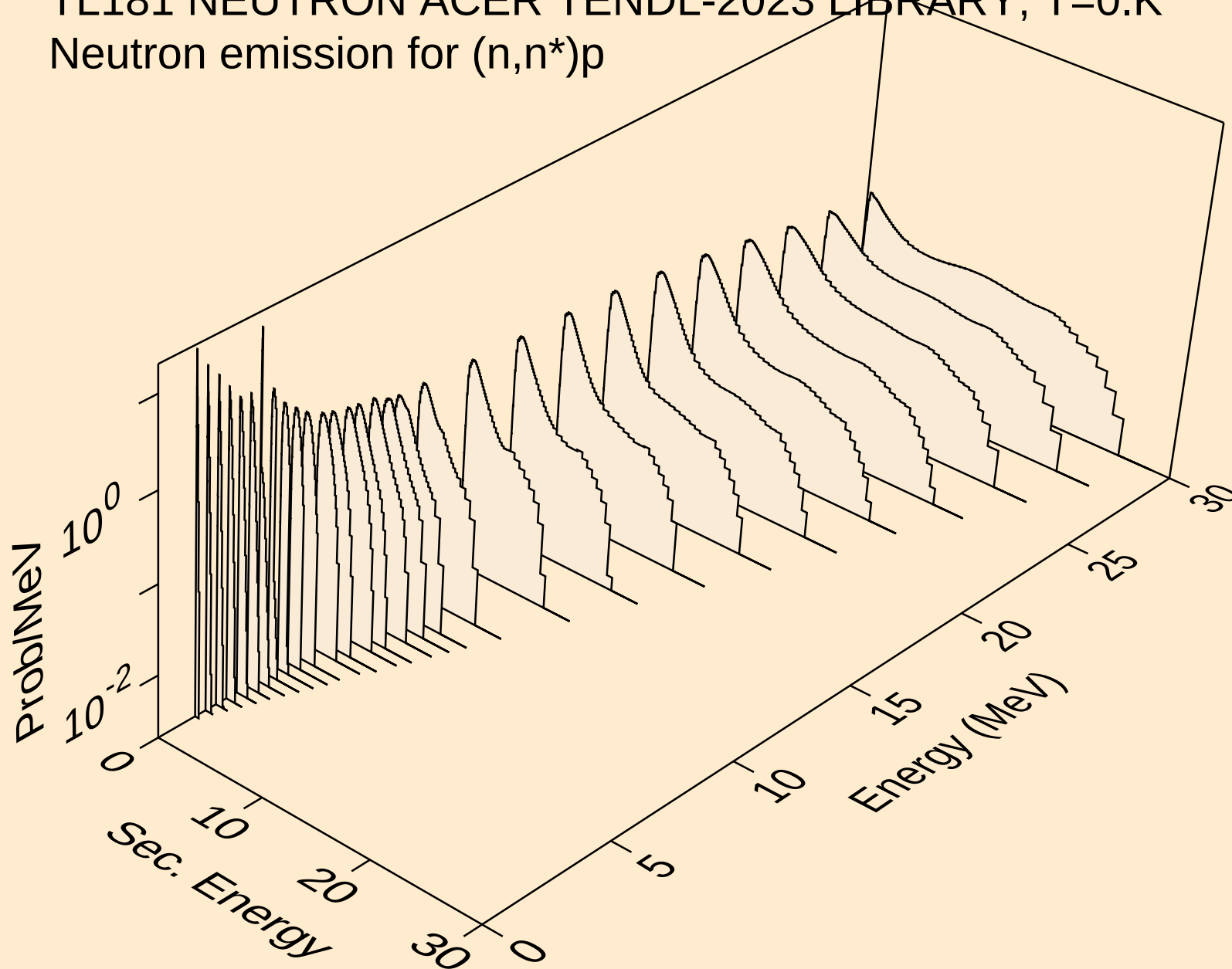
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)a



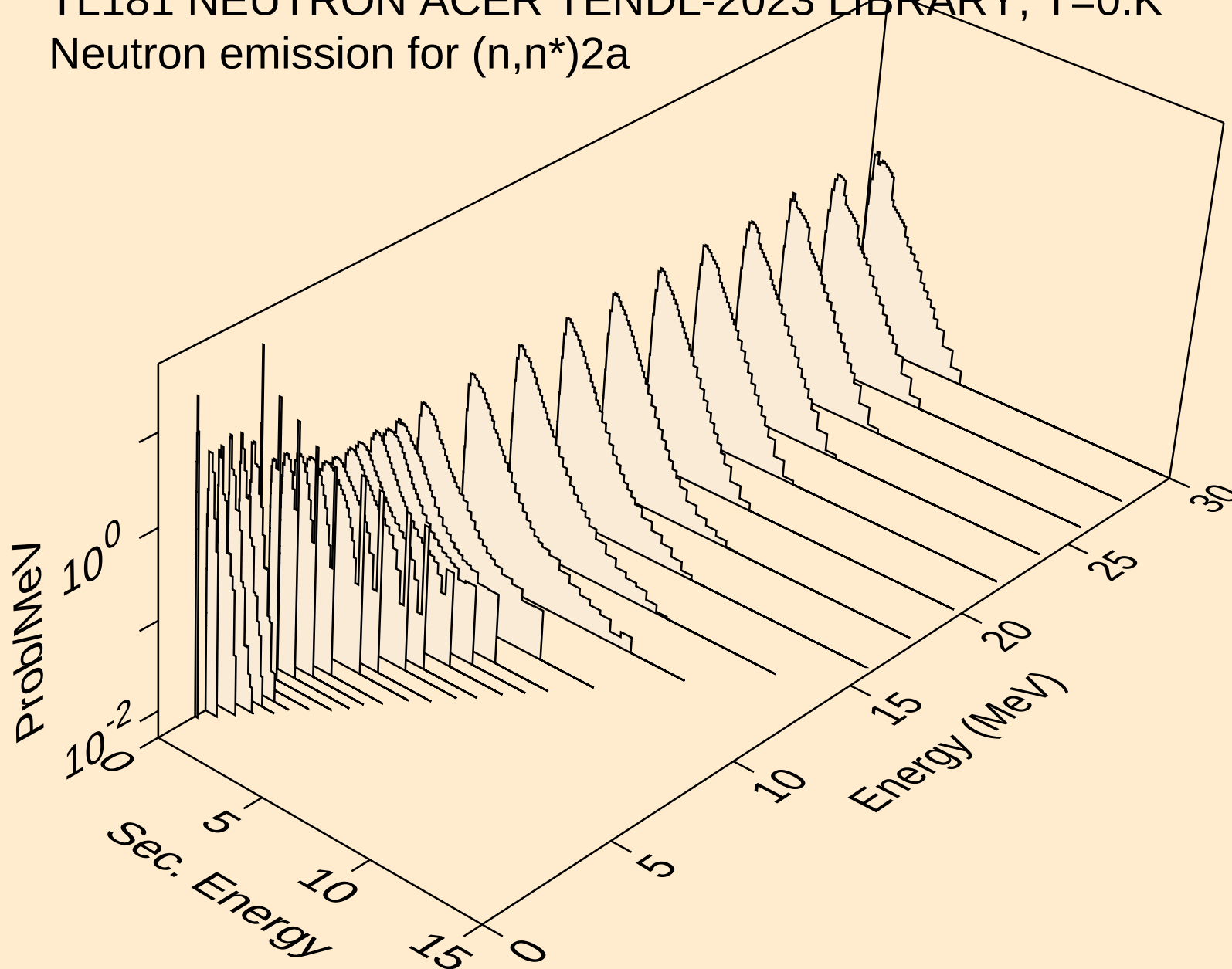
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



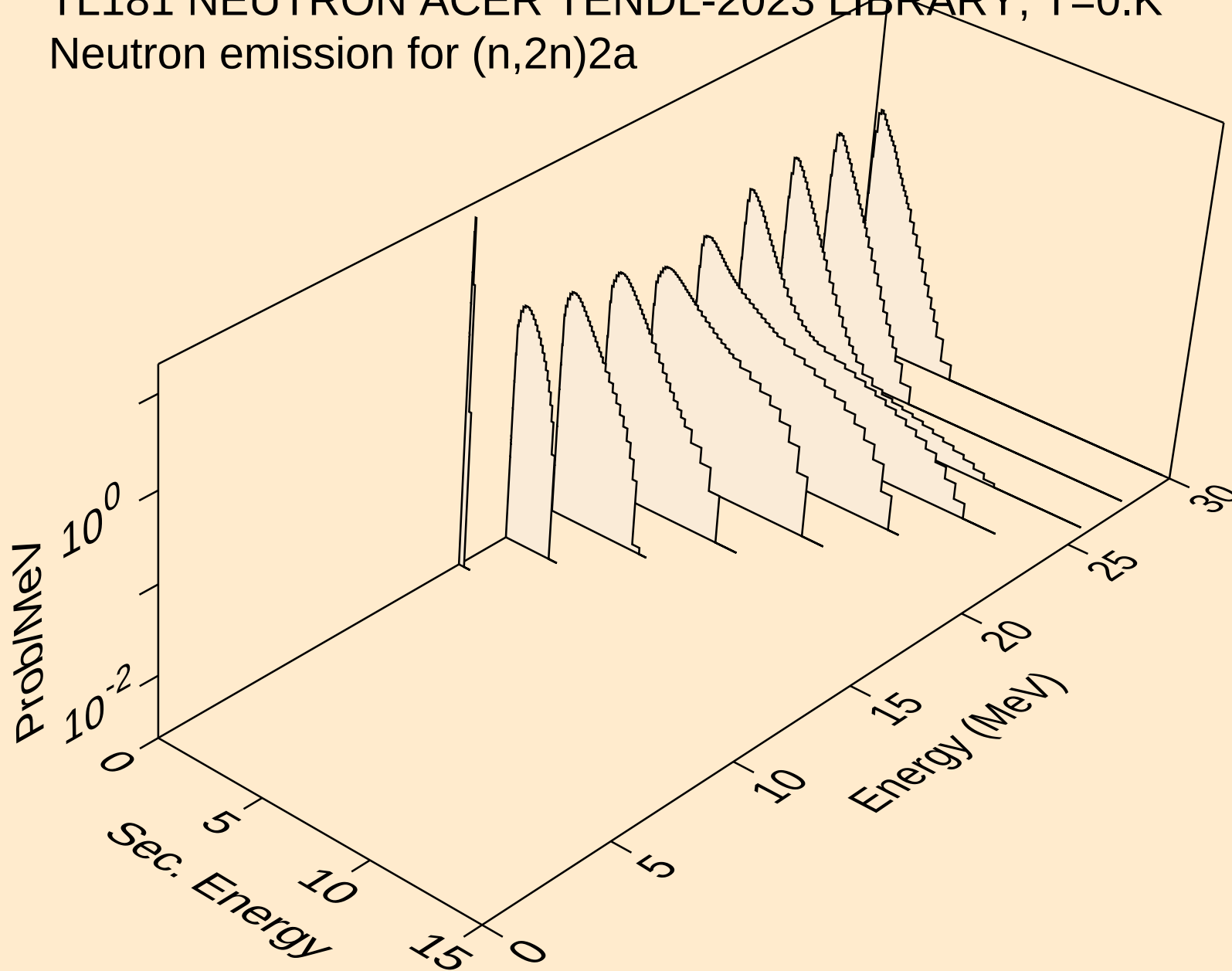
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



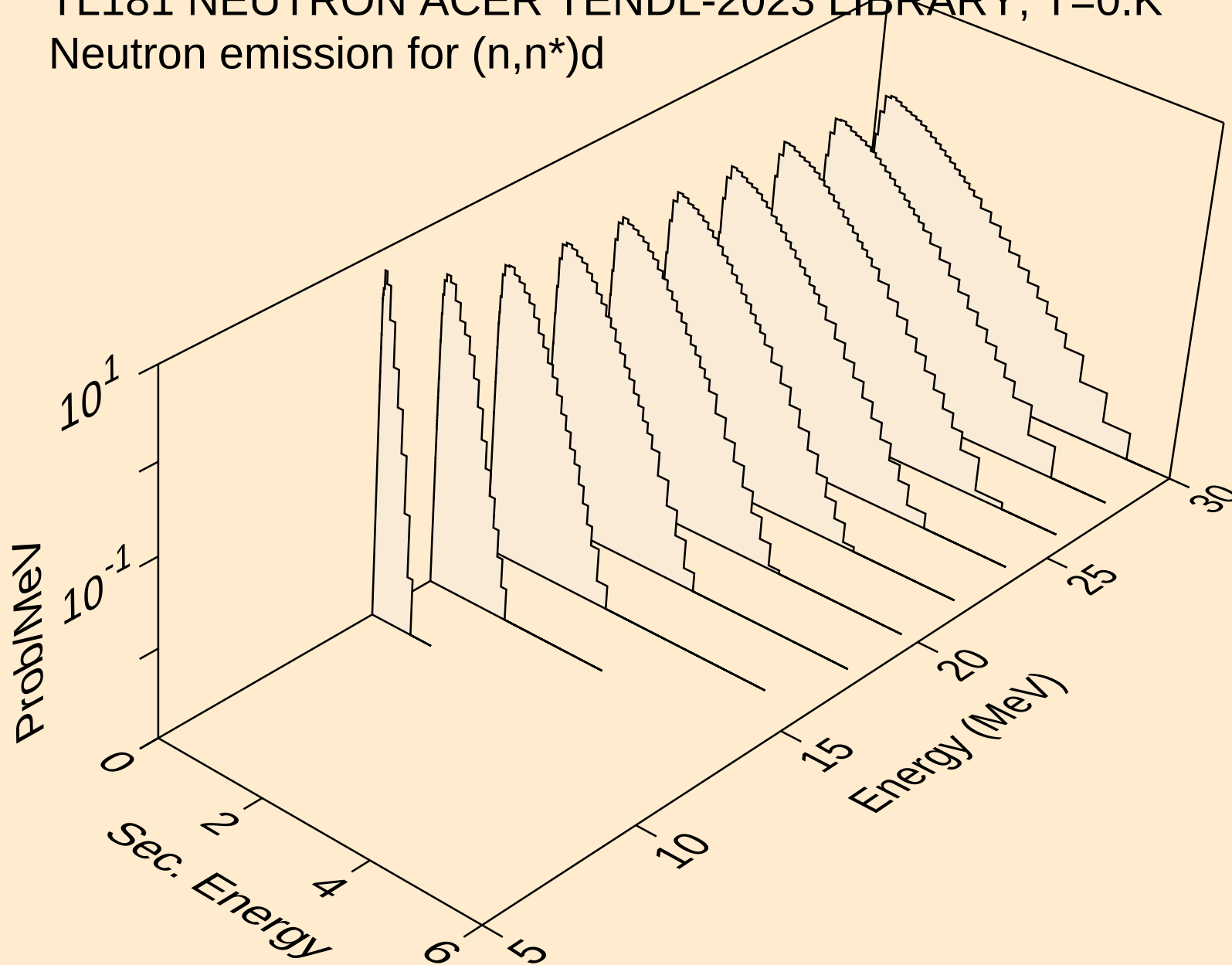
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



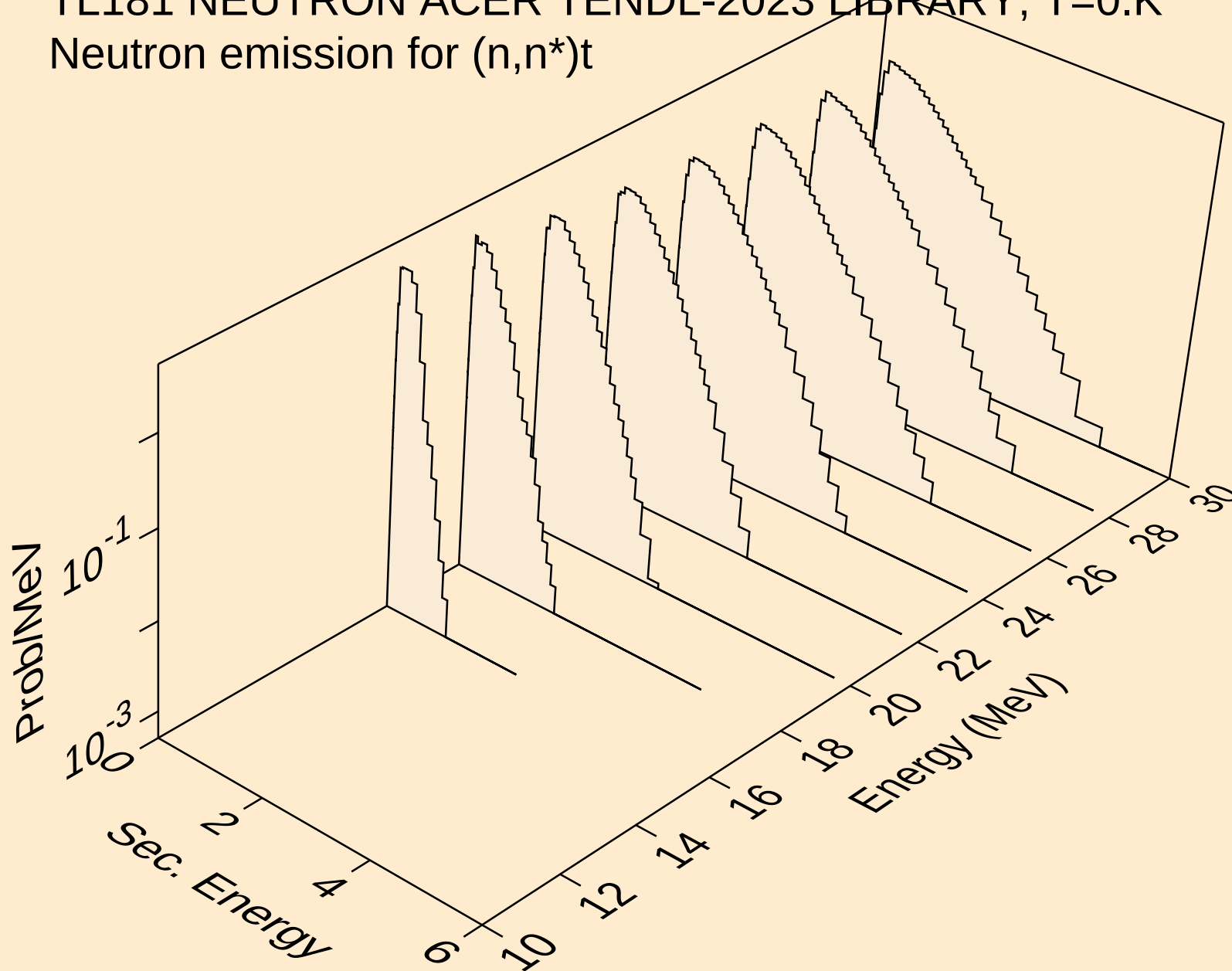
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)2a



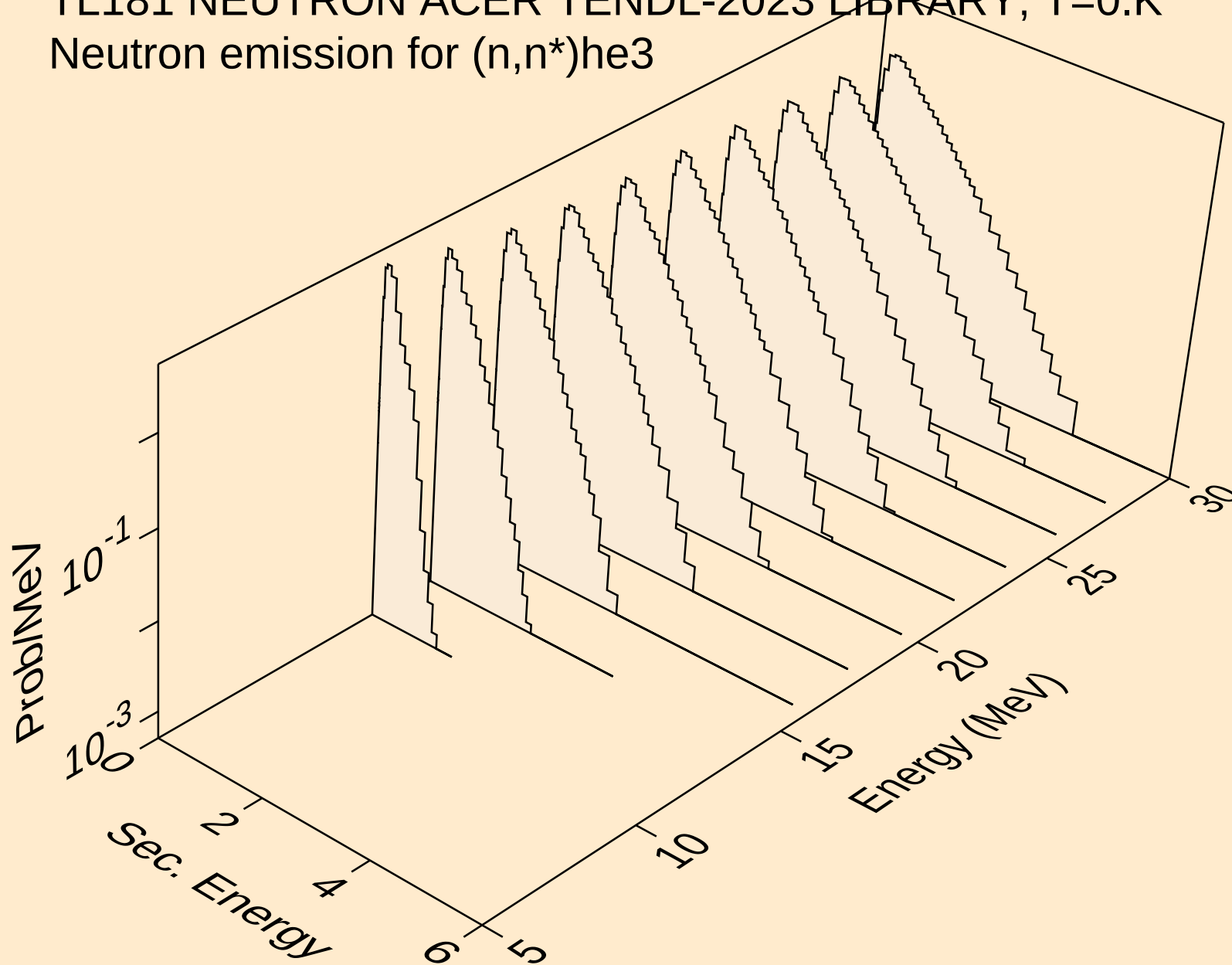
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



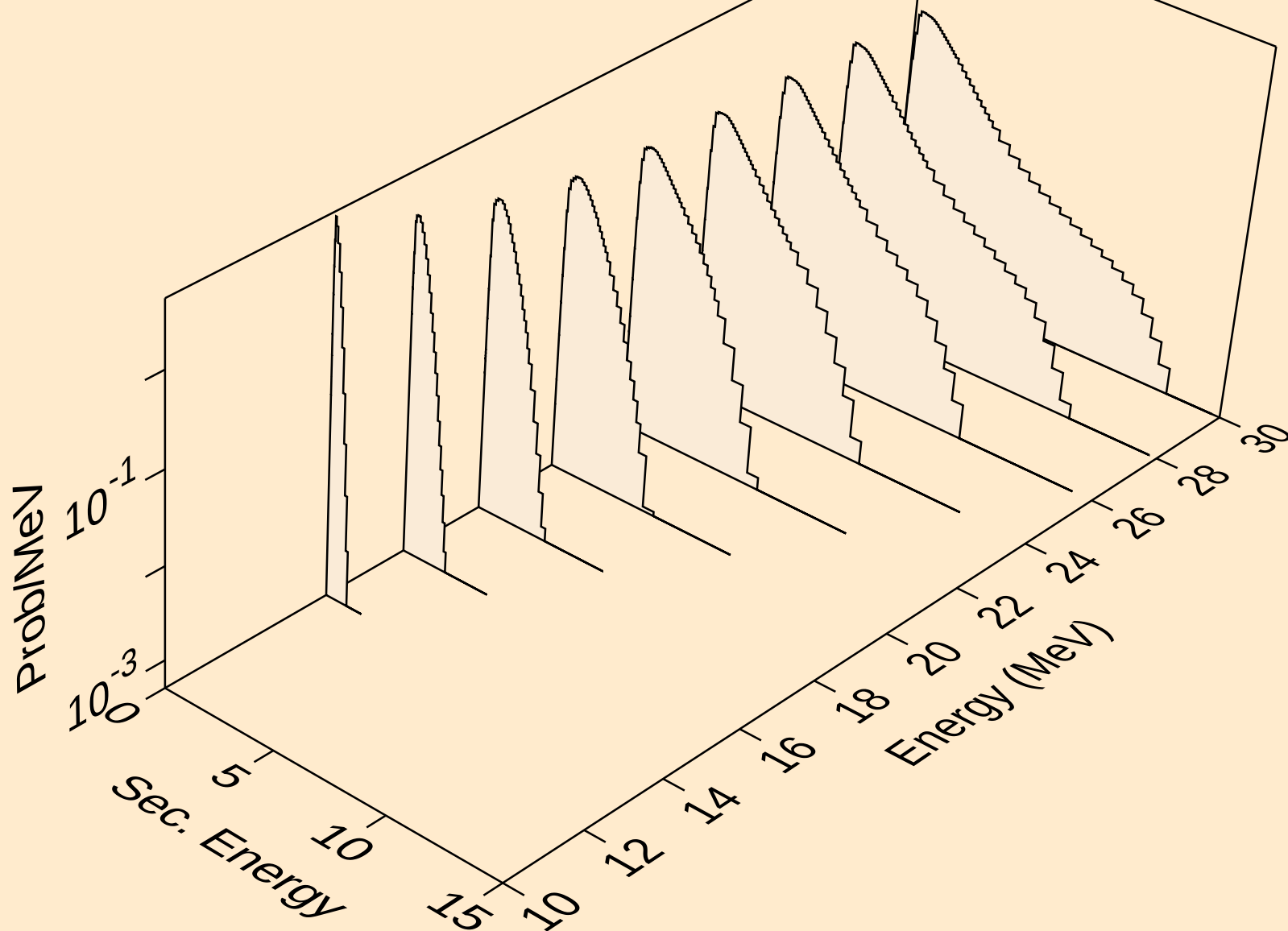
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



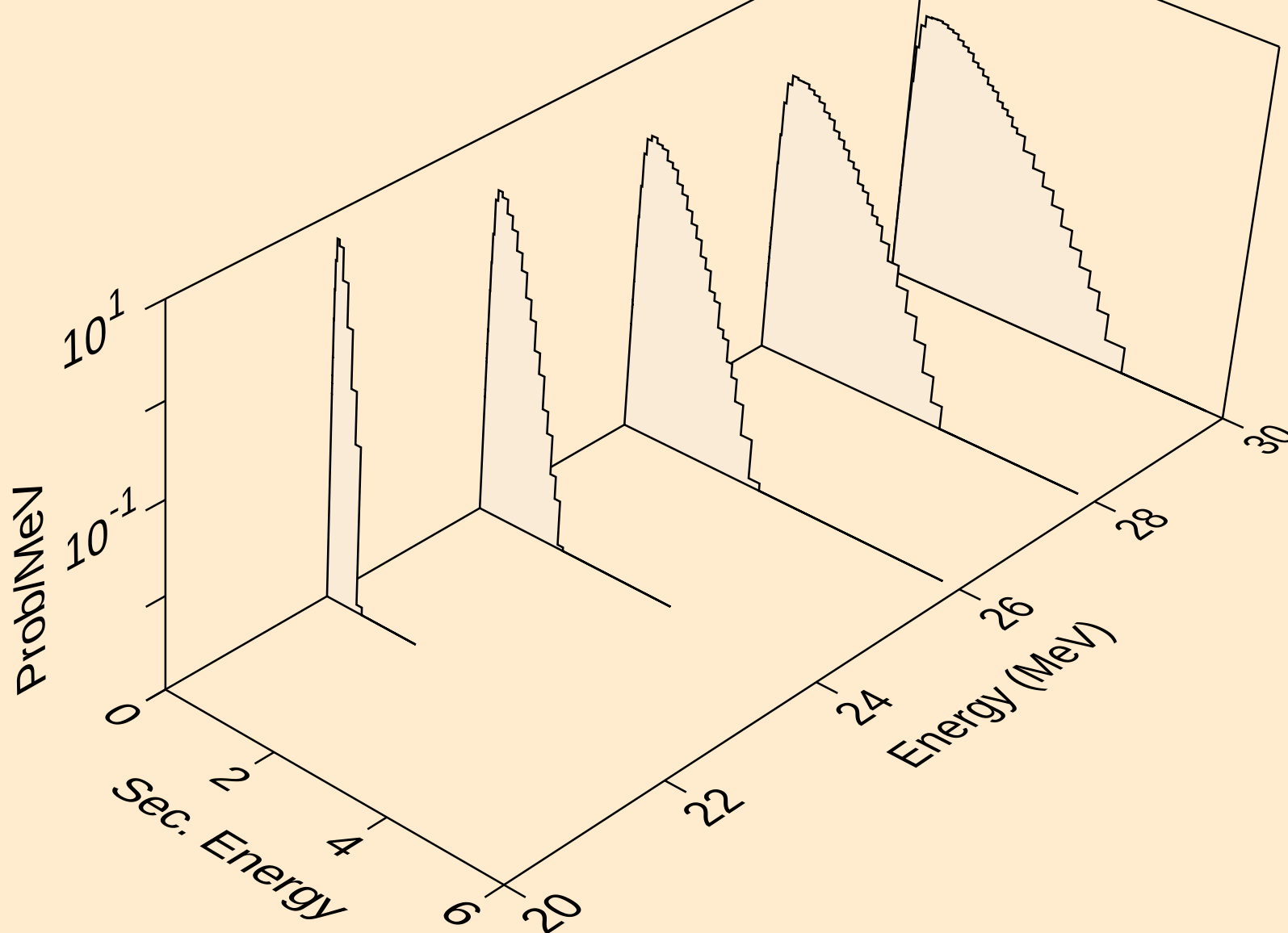
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



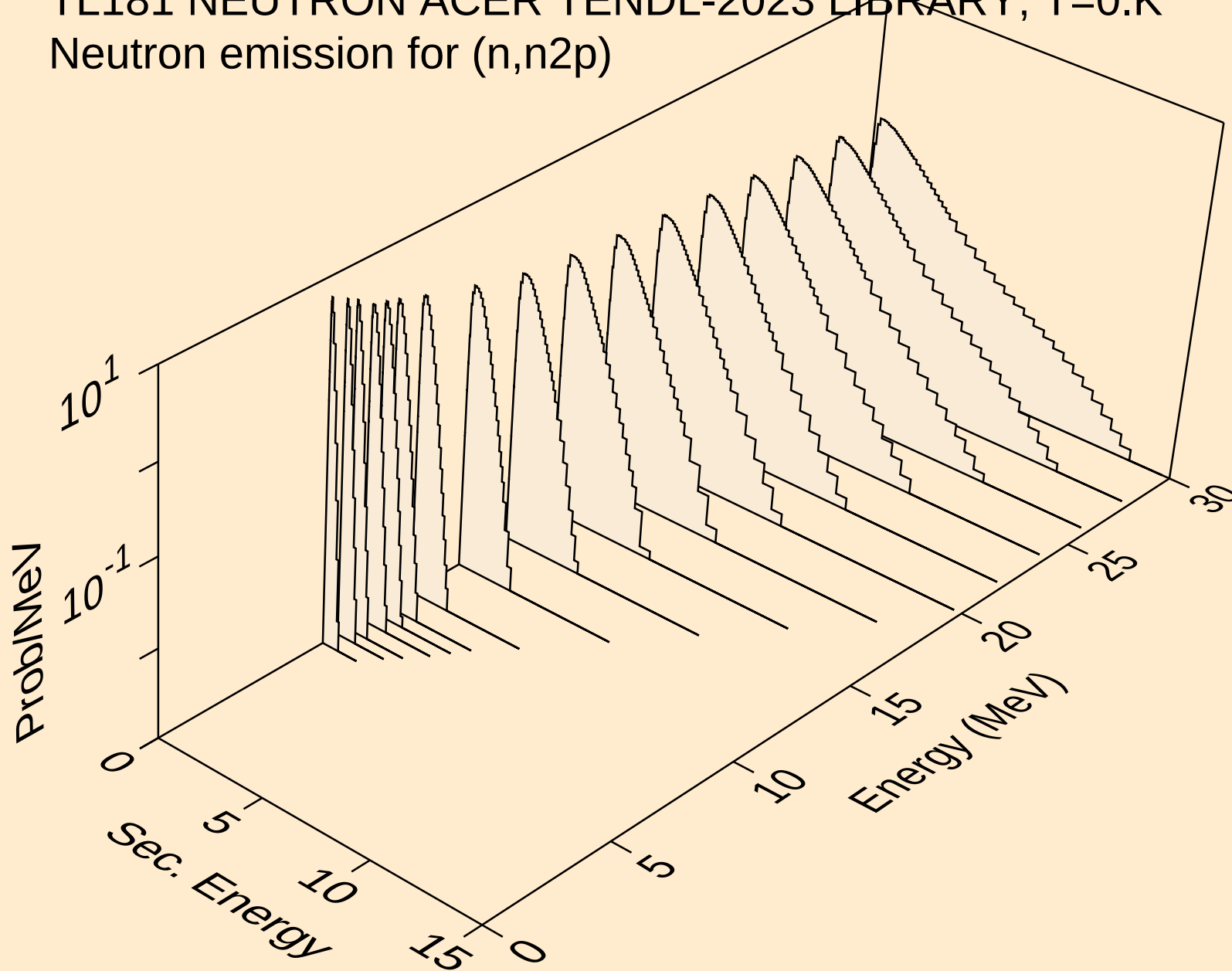
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



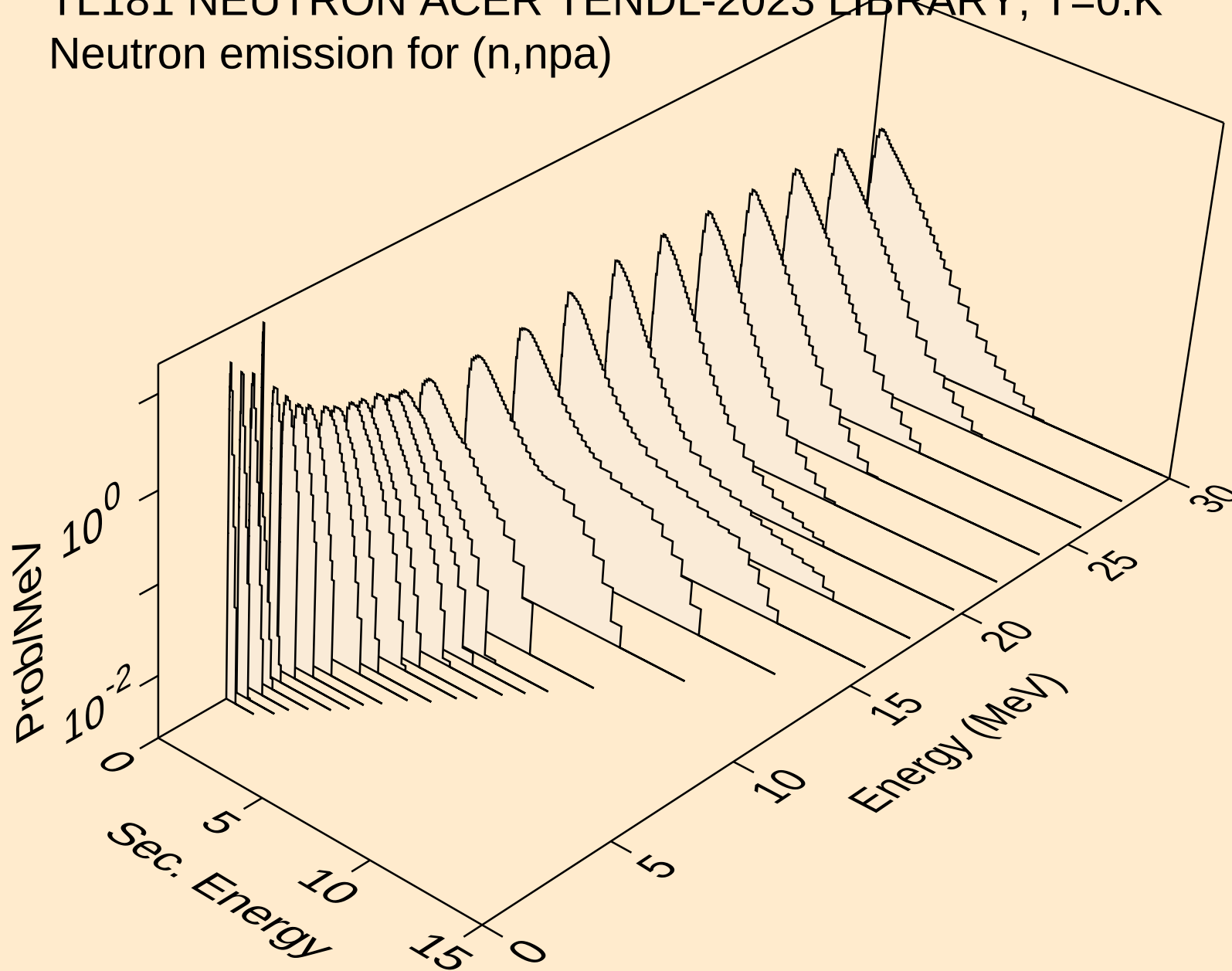
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Neutron emission for (n,3np)



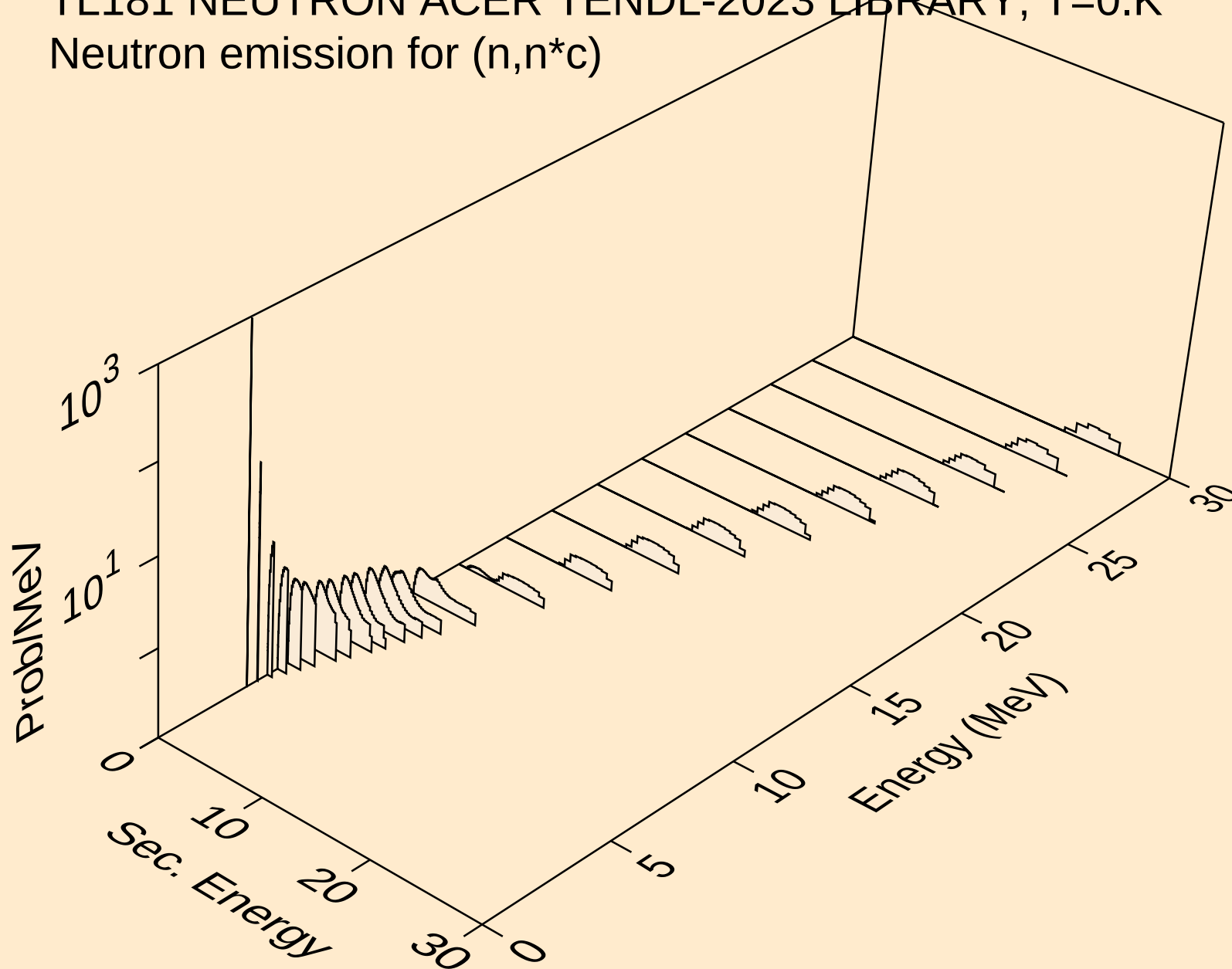
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



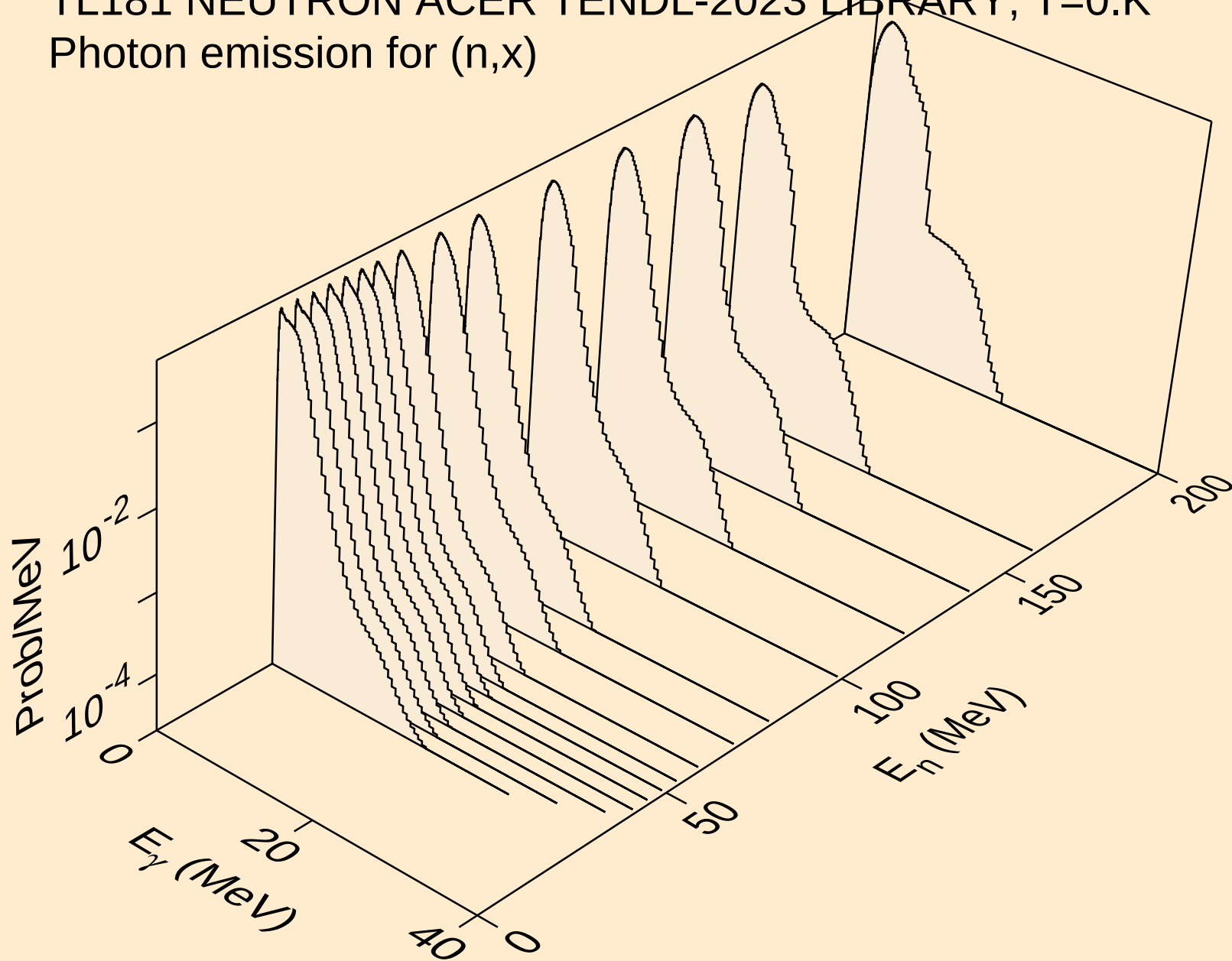
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)



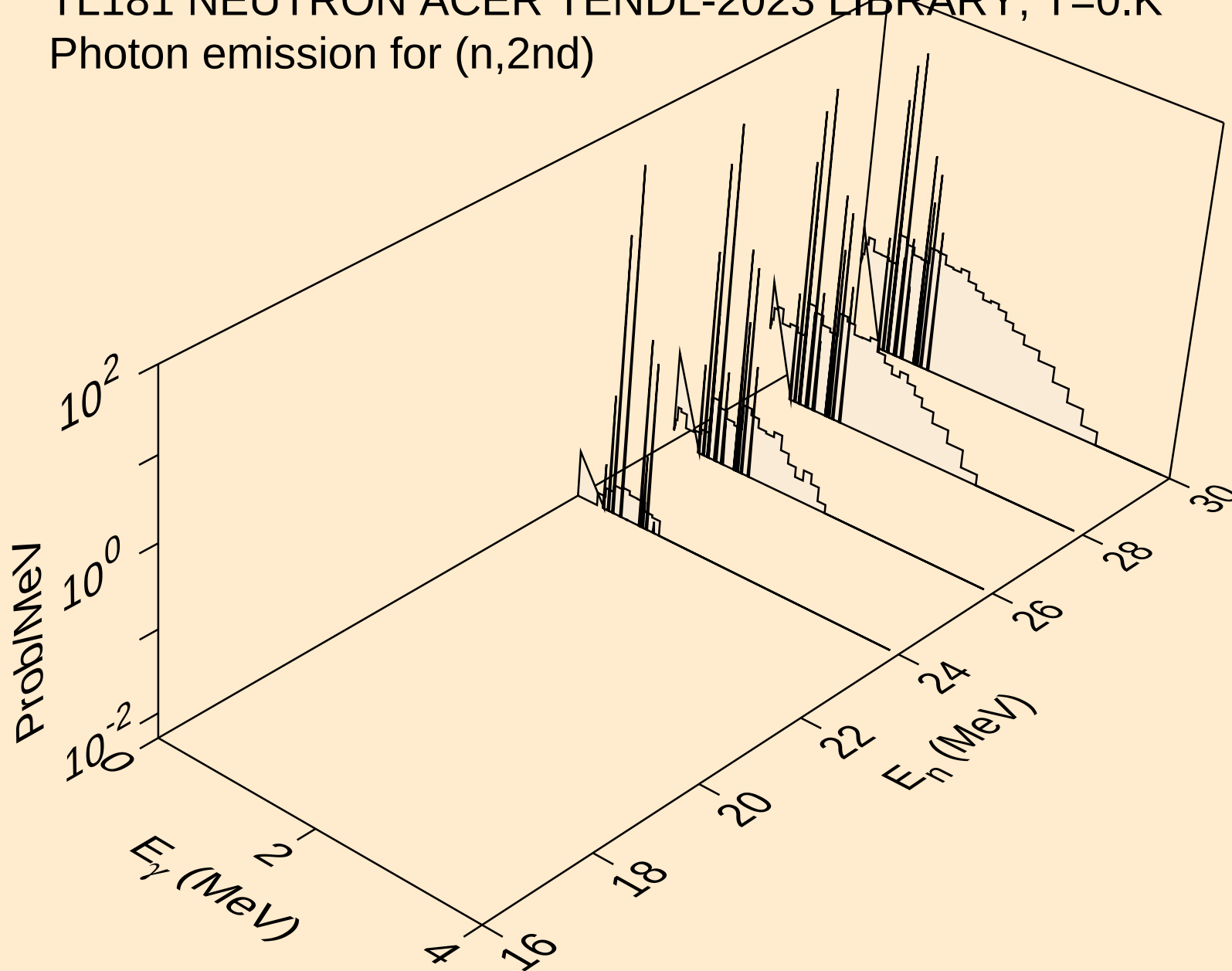
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



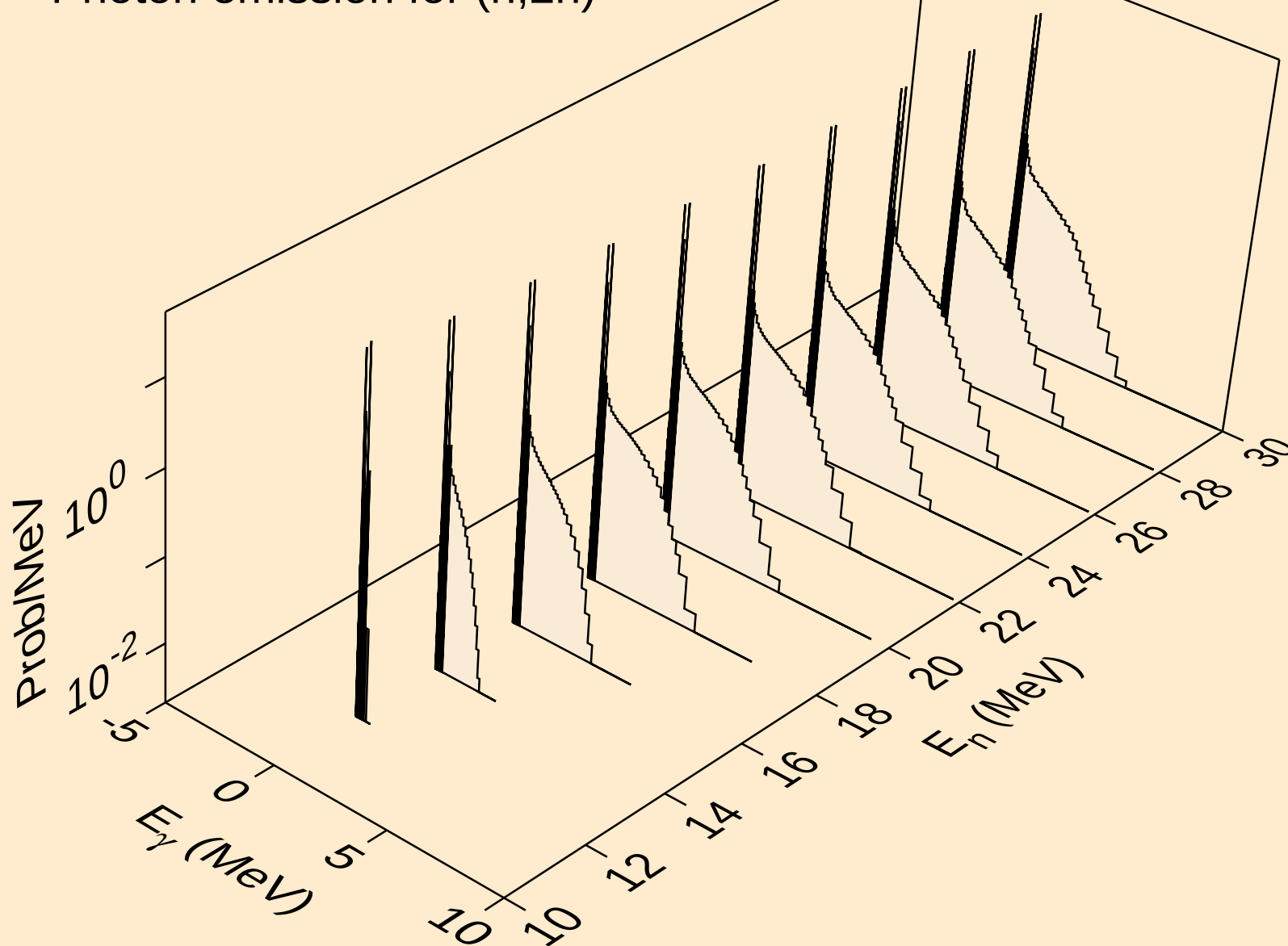
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



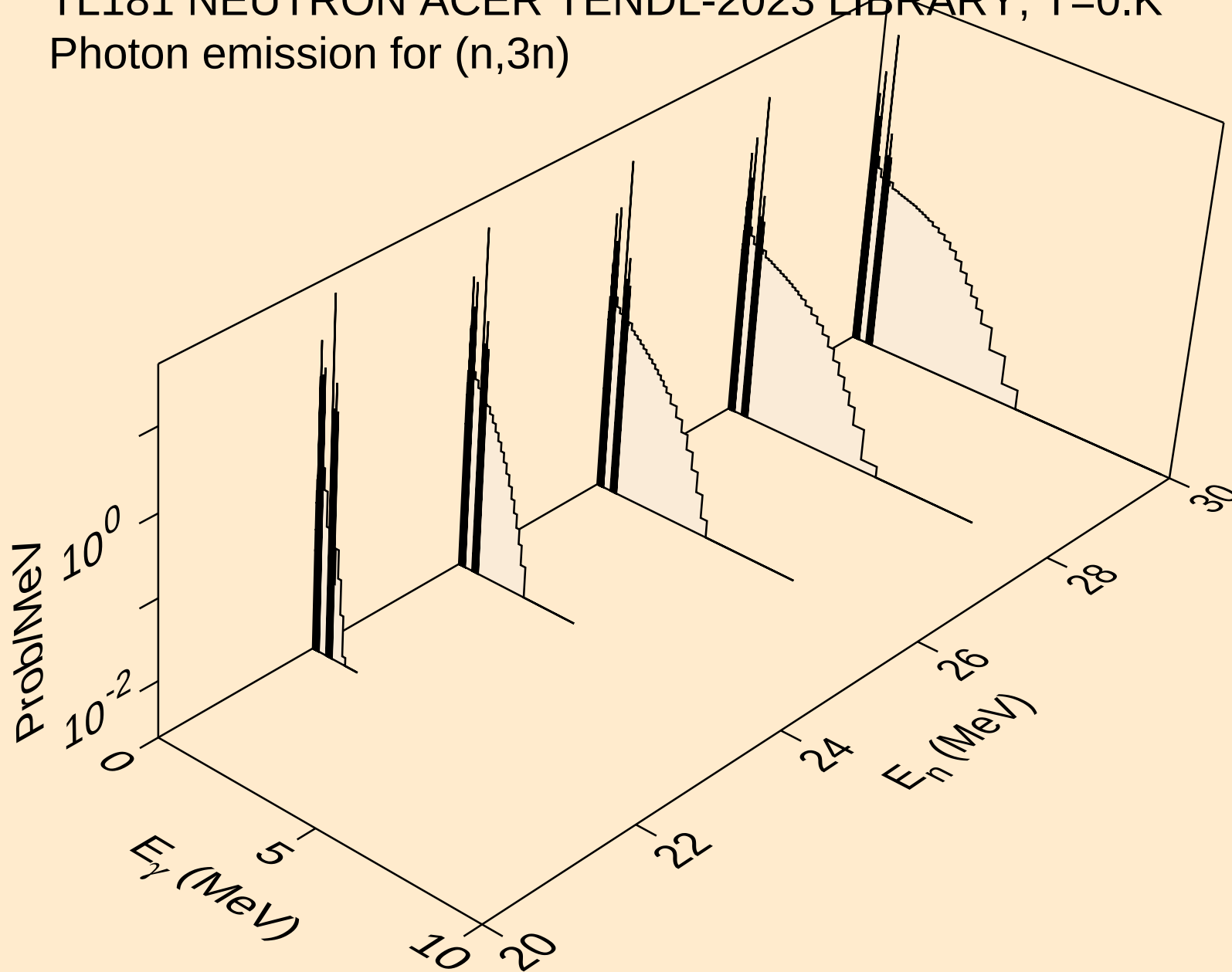
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



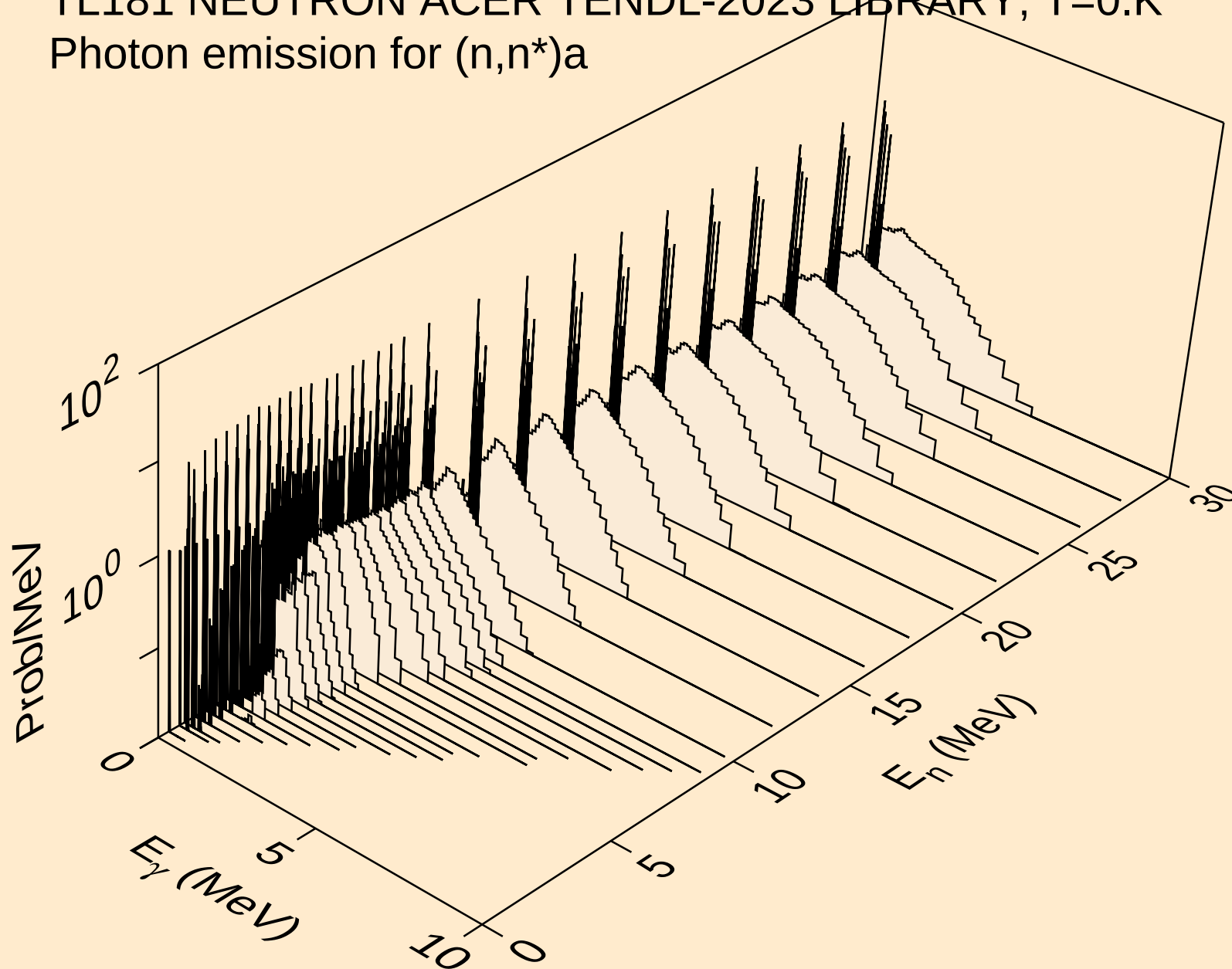
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



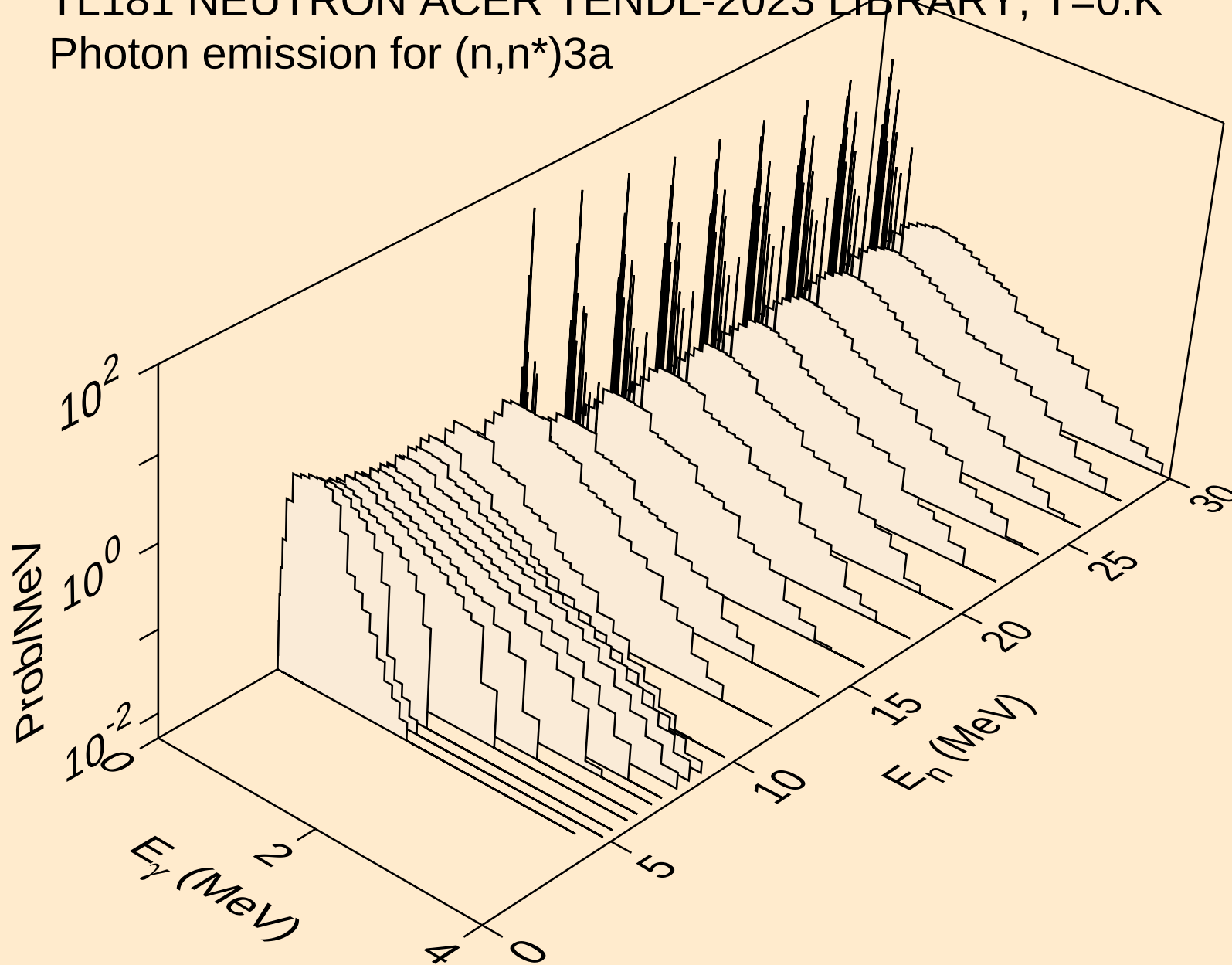
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



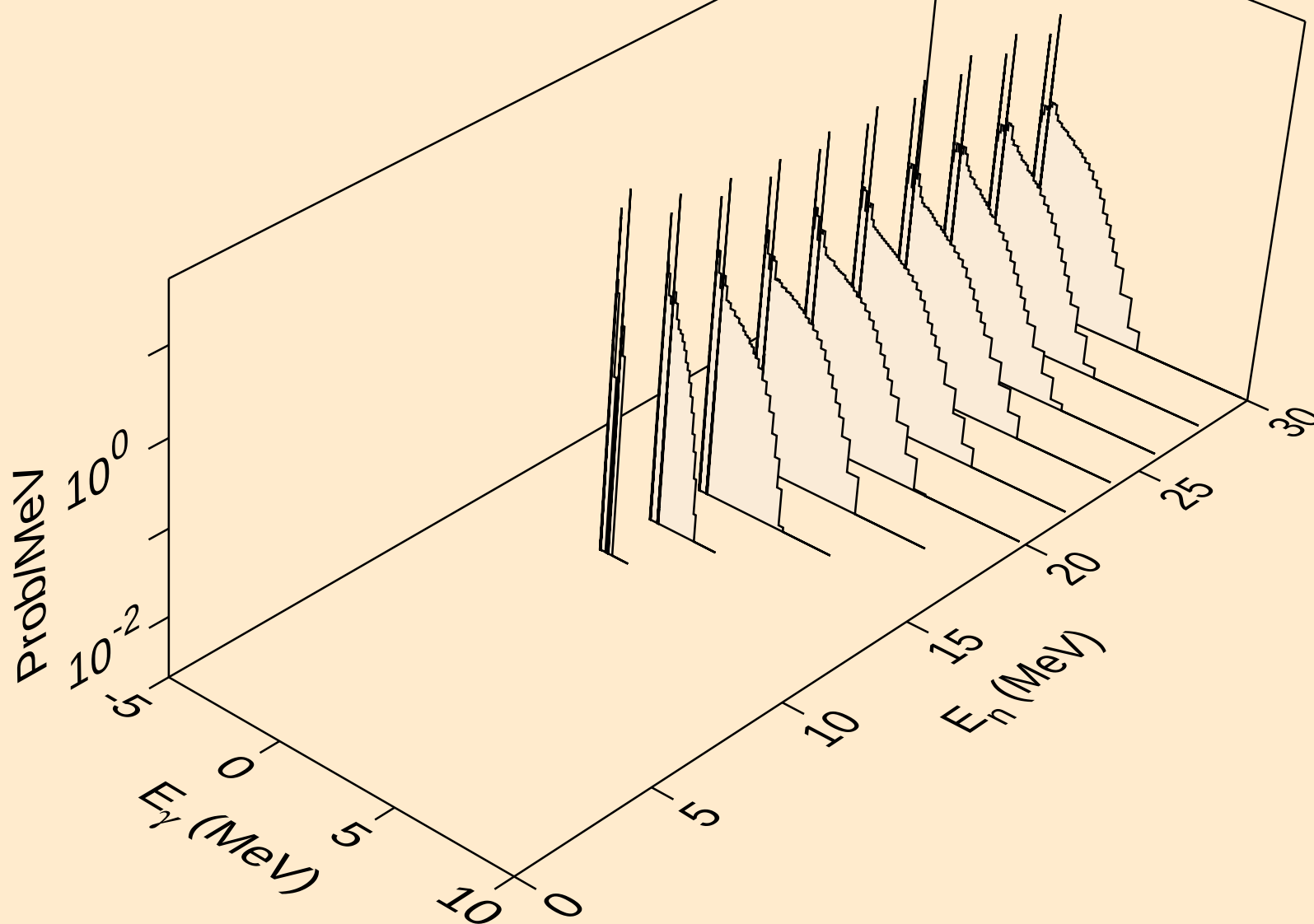
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



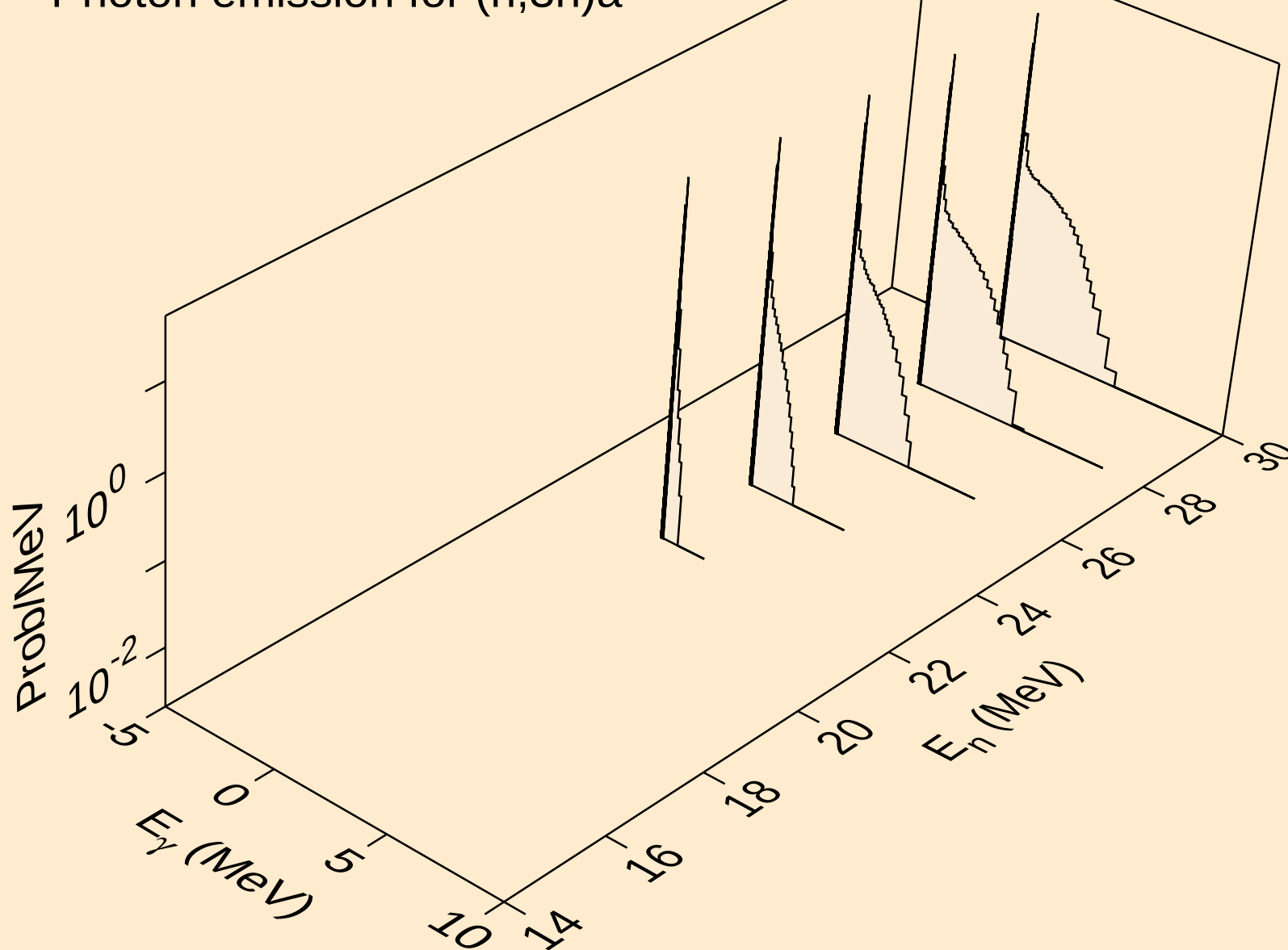
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)3a



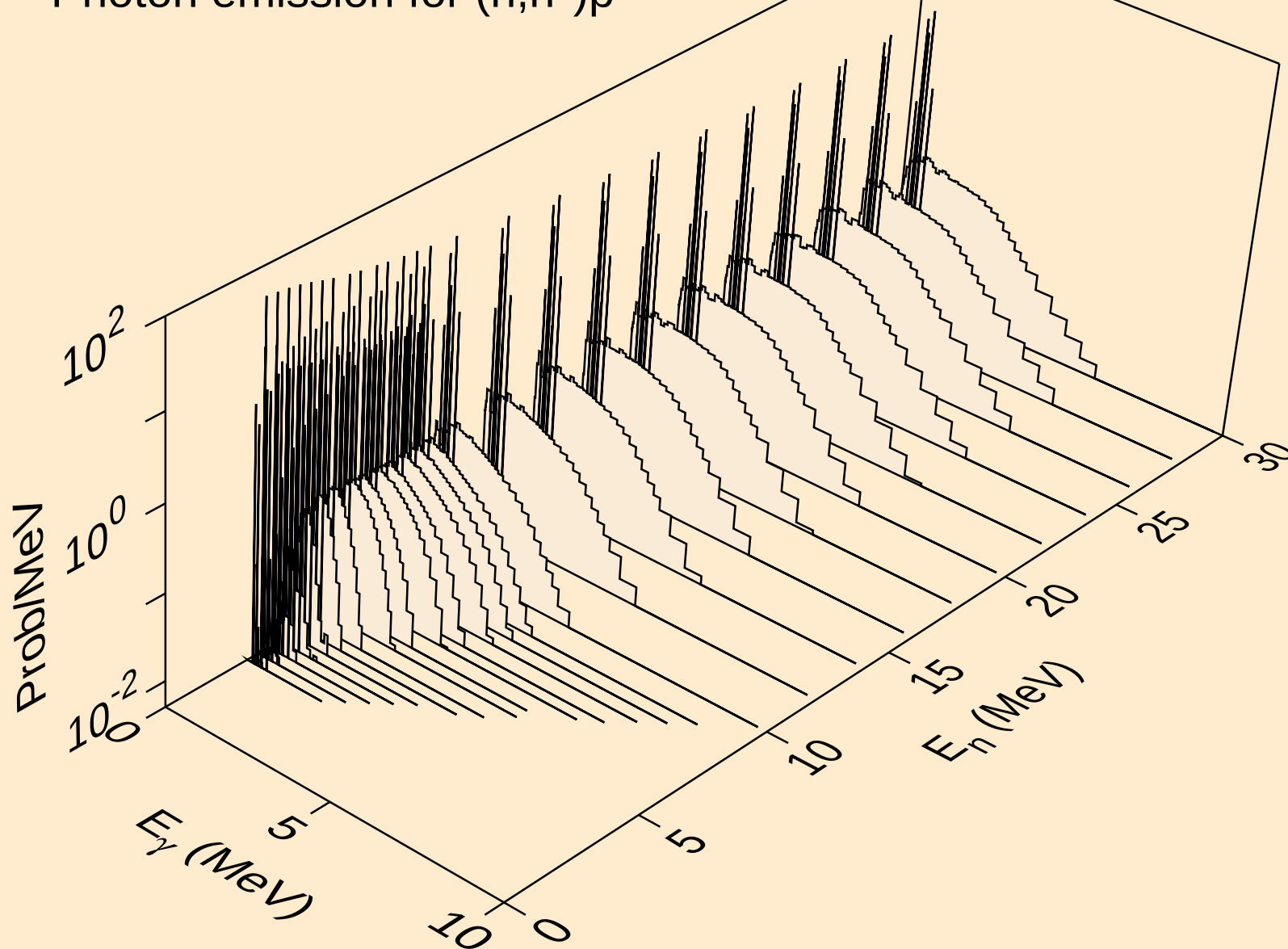
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n) α



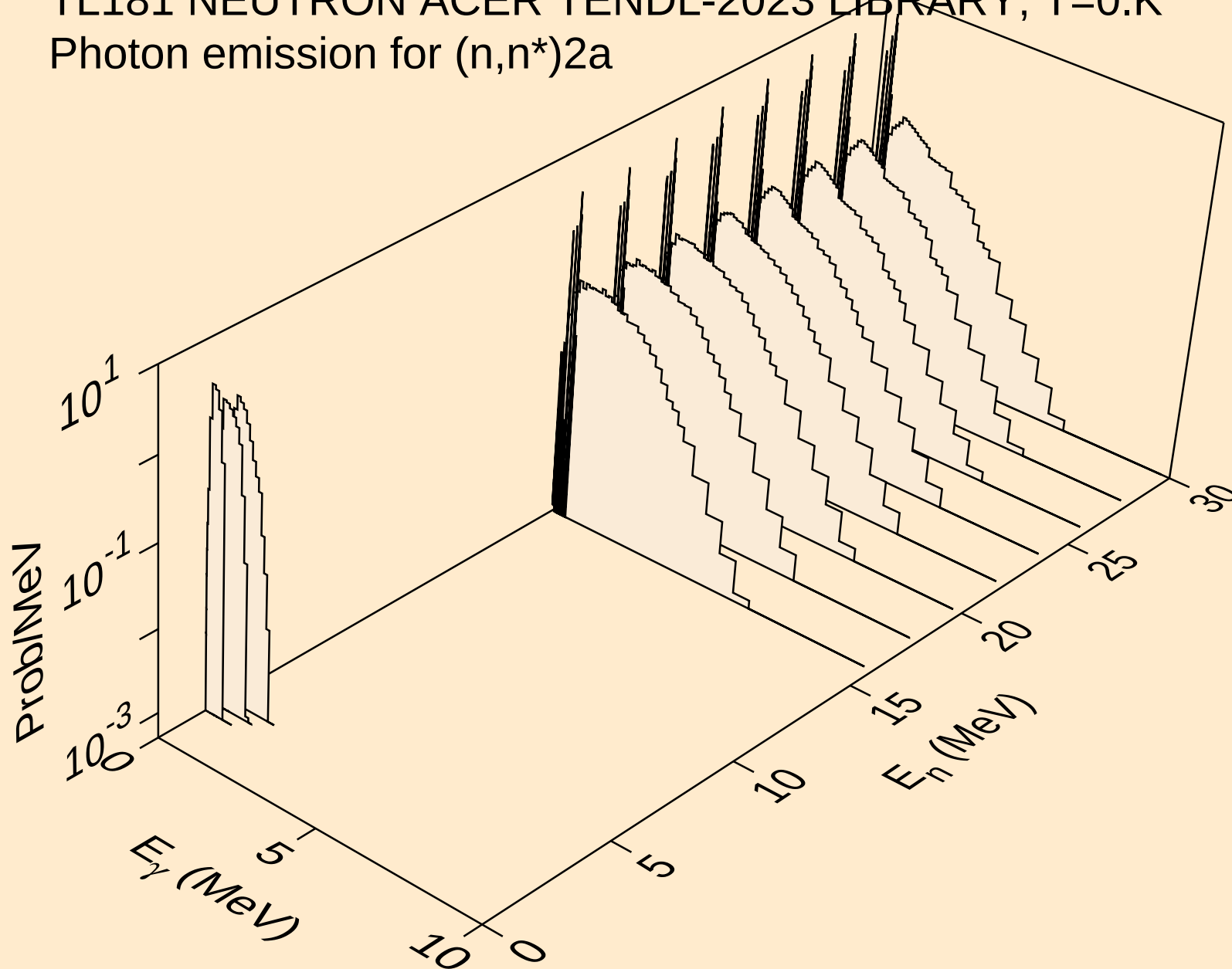
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n) α



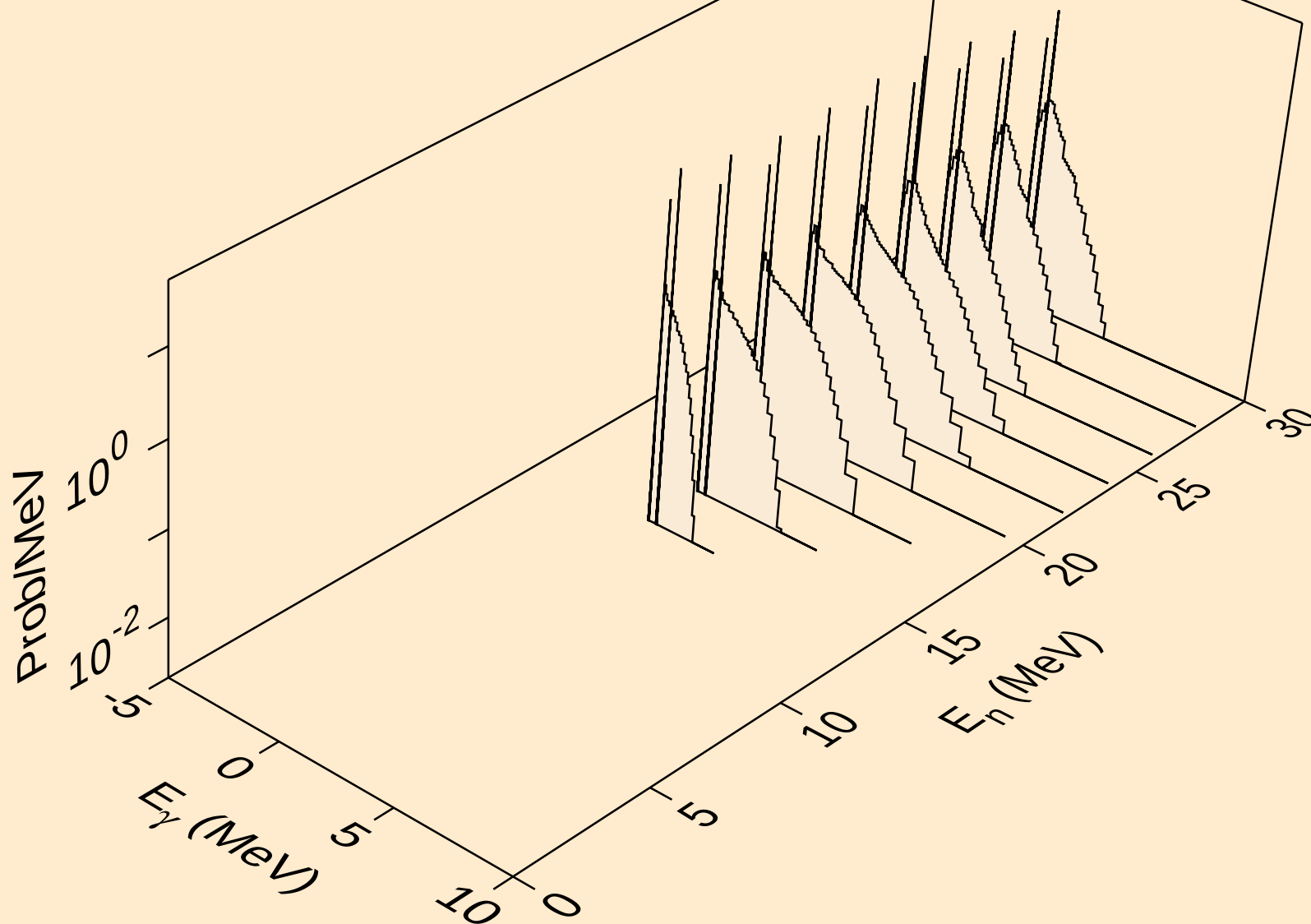
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



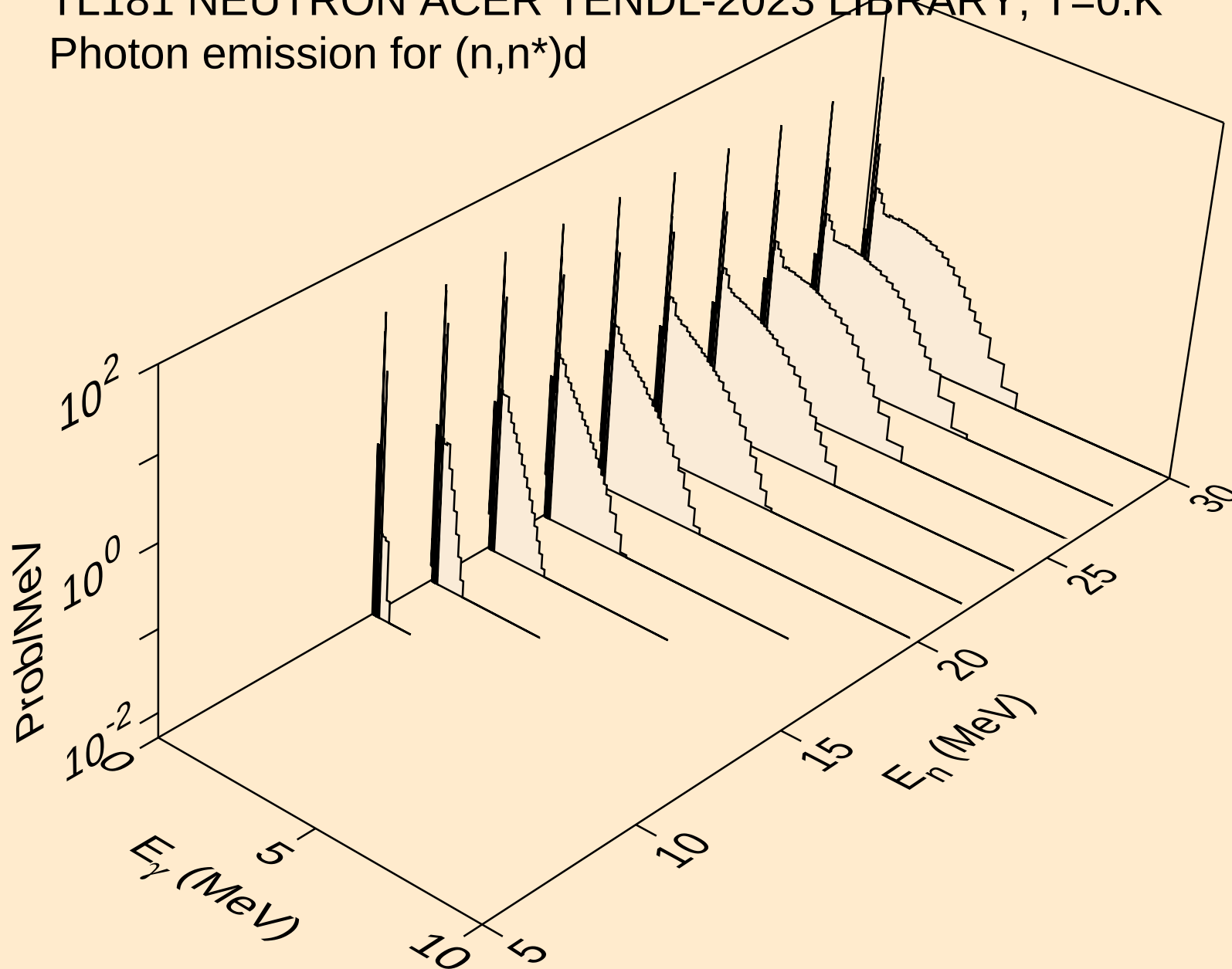
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)2a

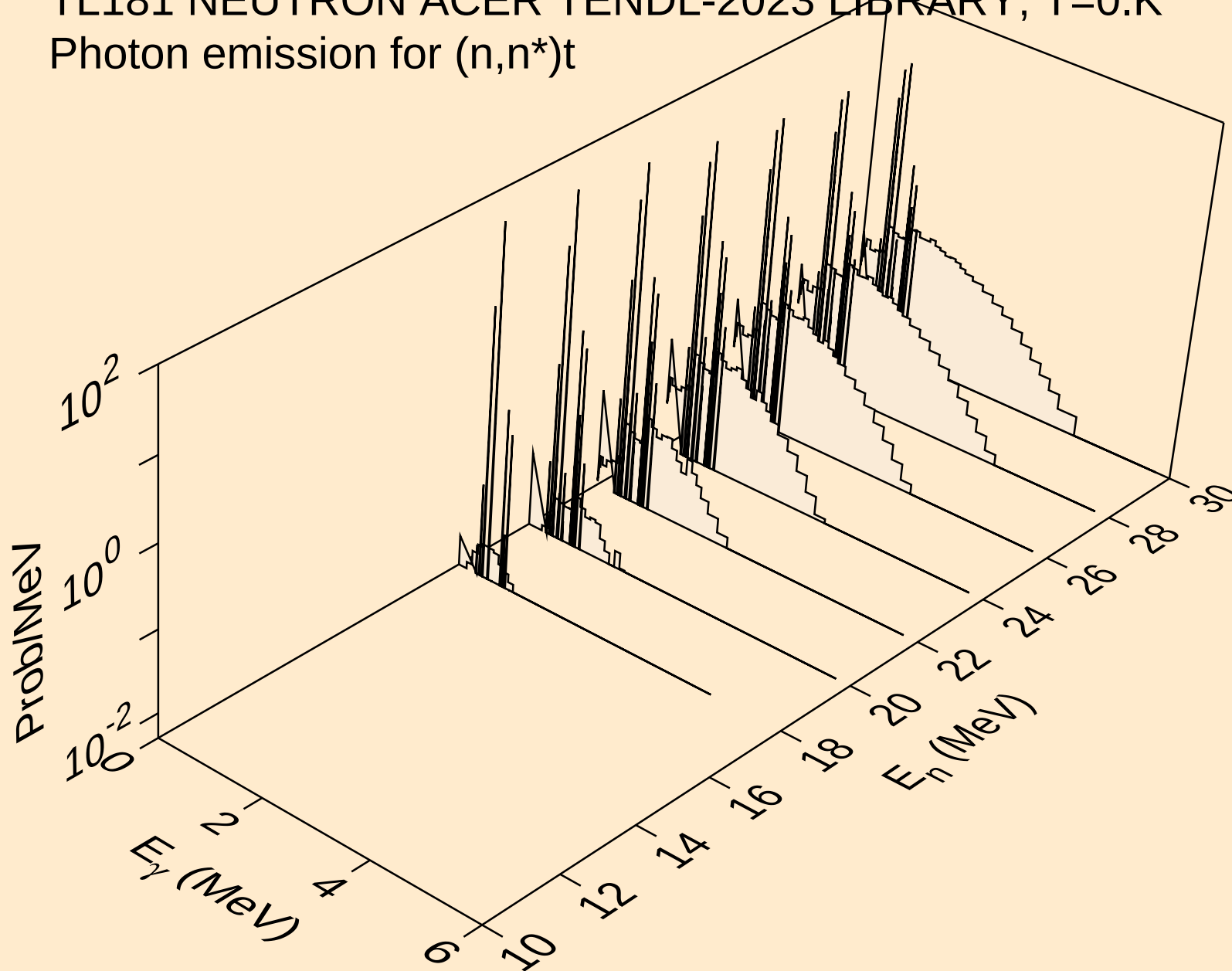


TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d

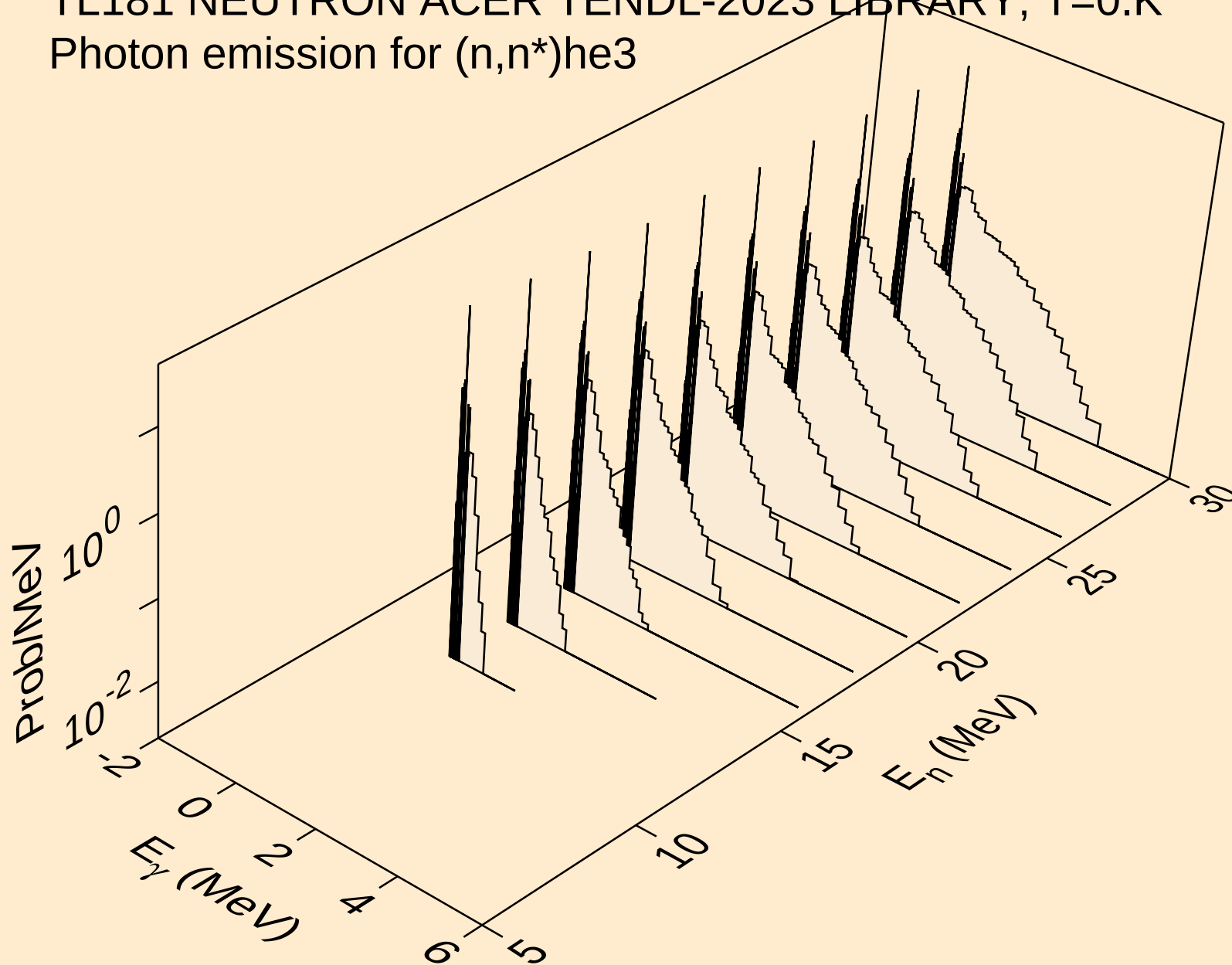


TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

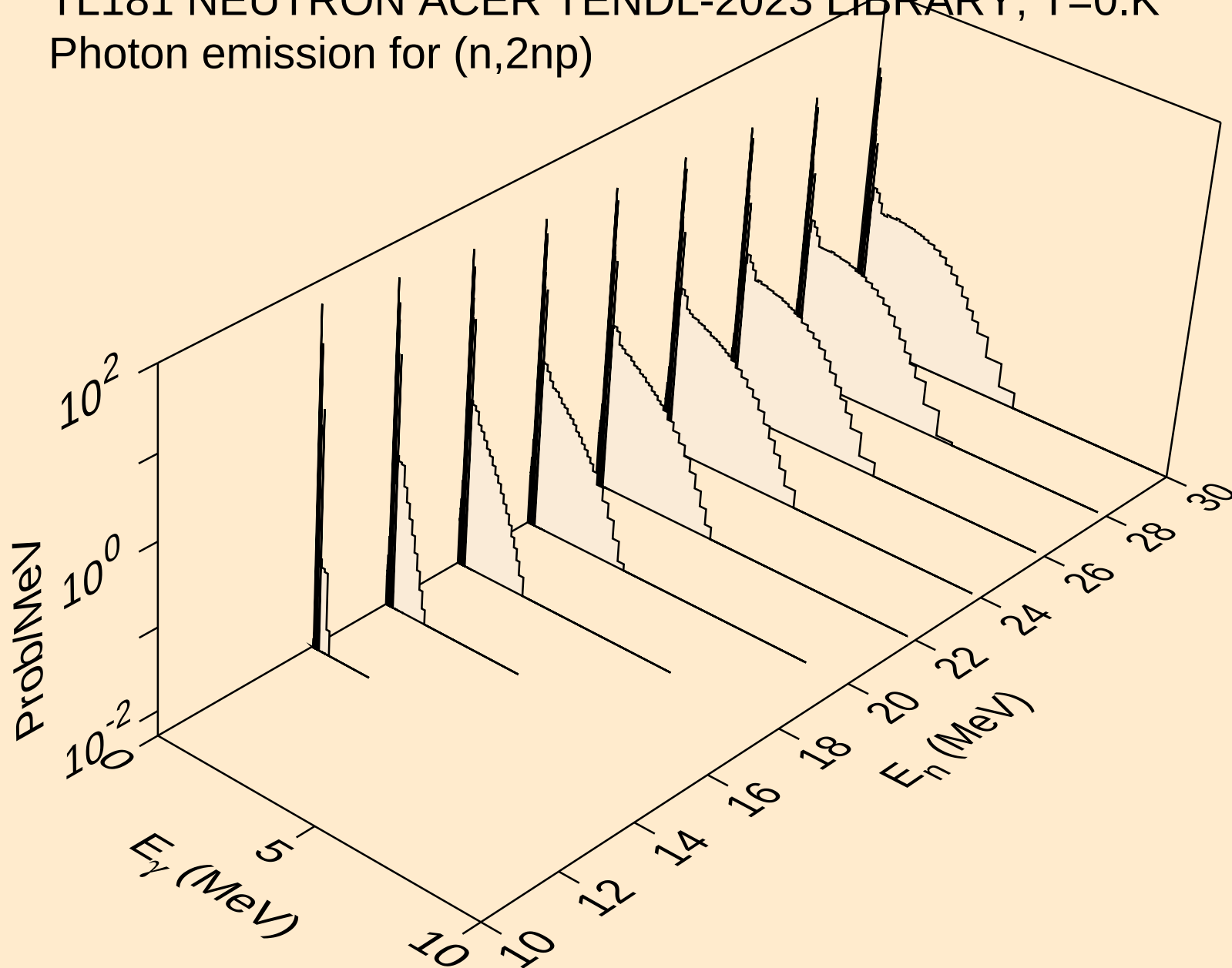
Photon emission for (n,n*)t



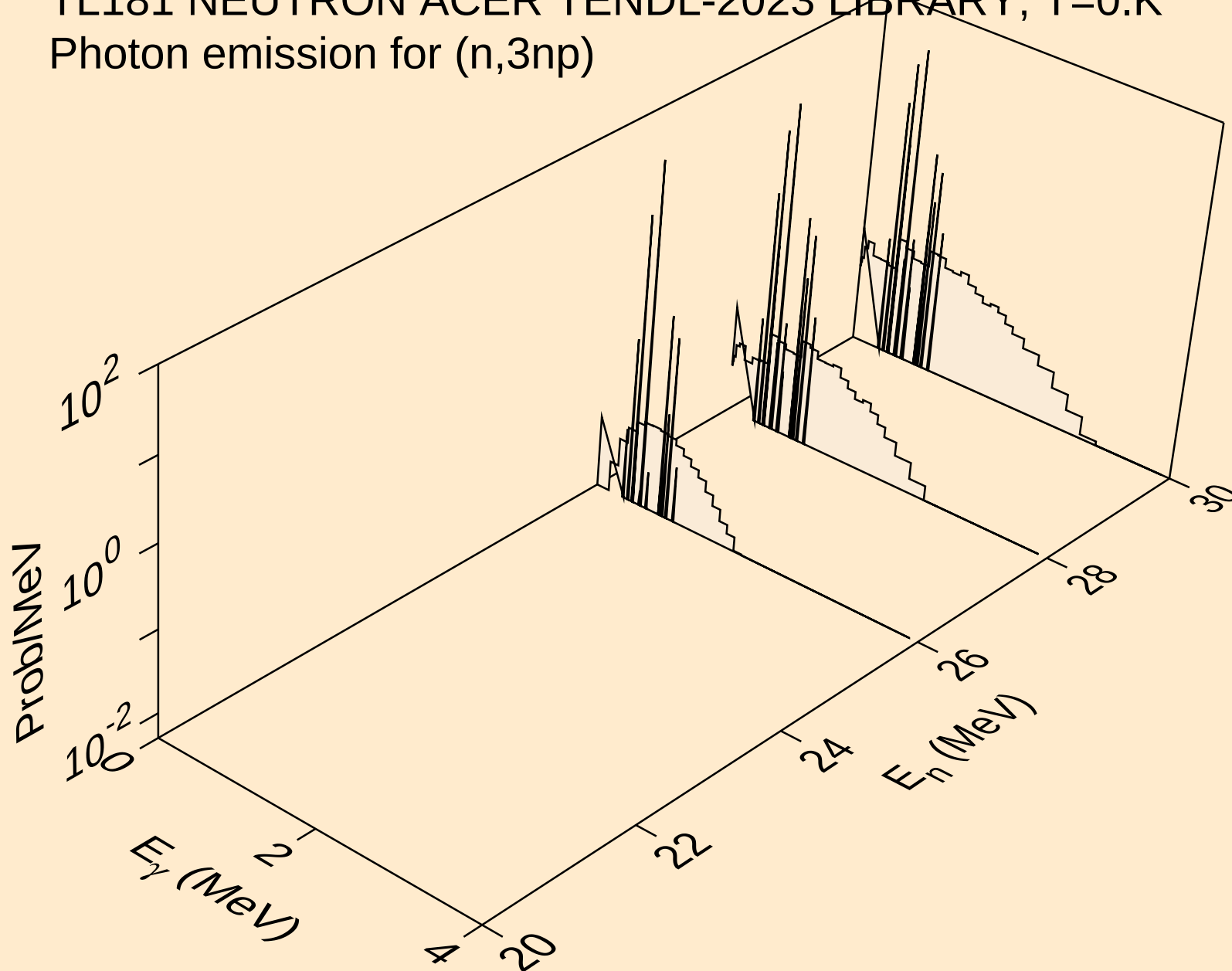
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



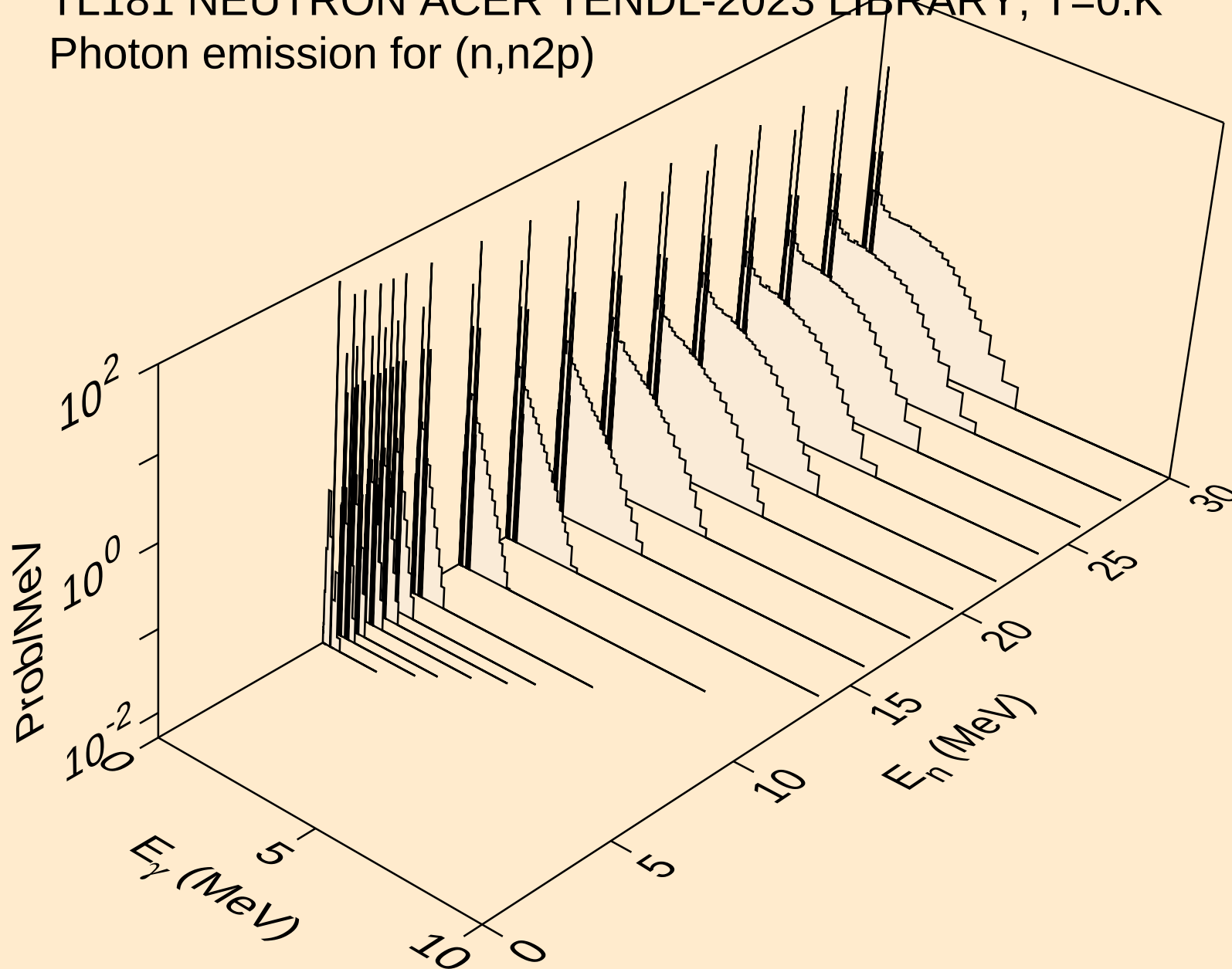
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



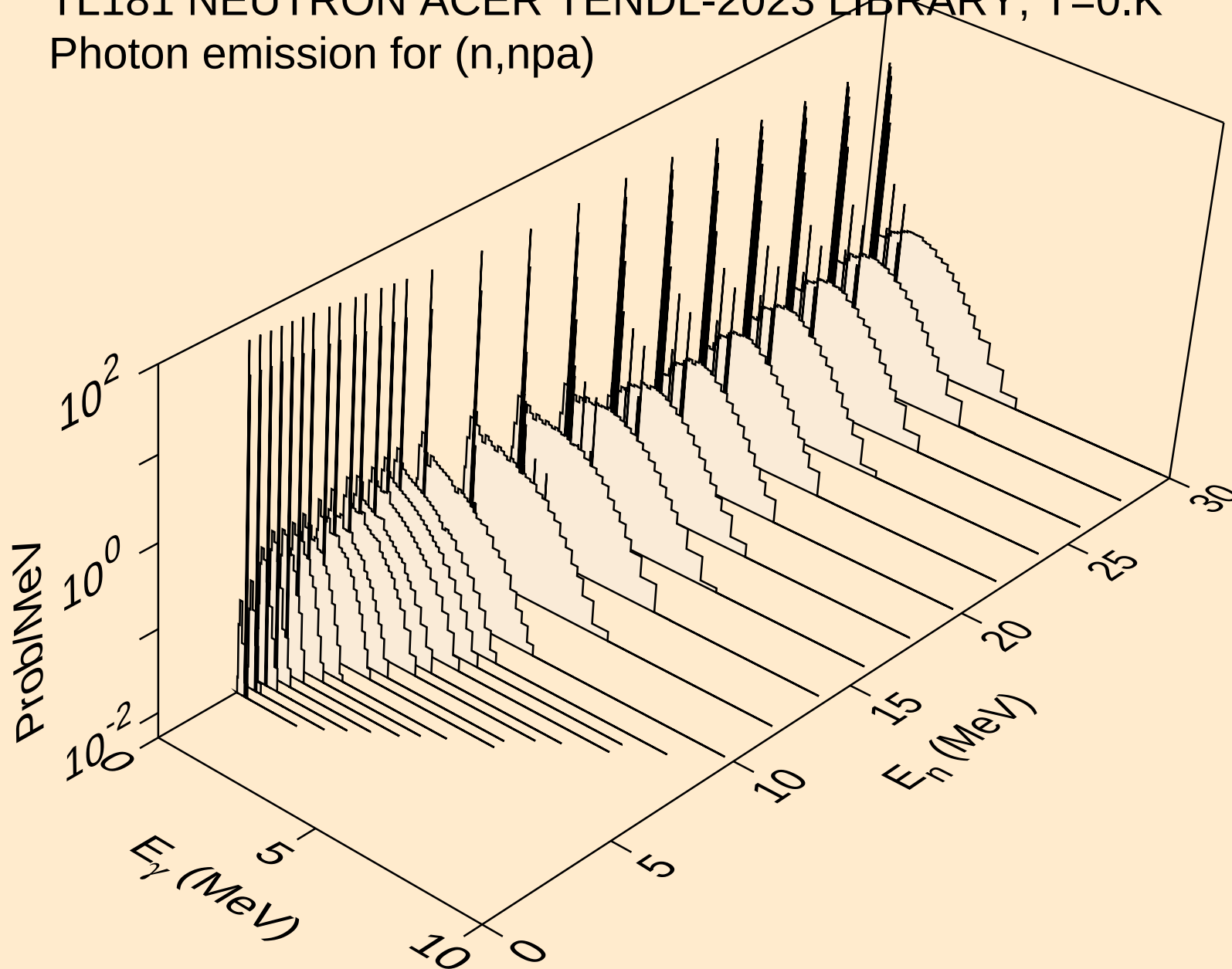
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



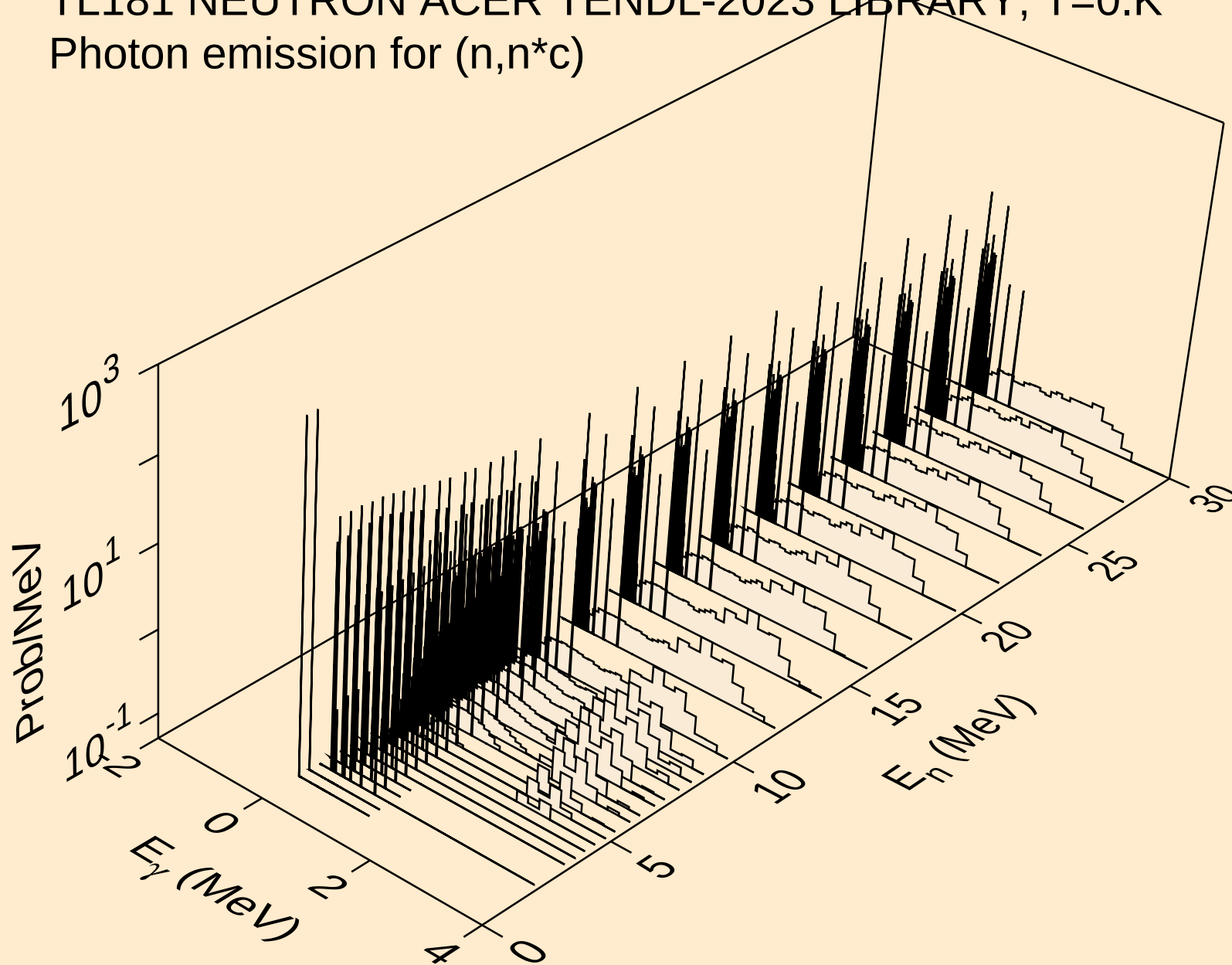
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



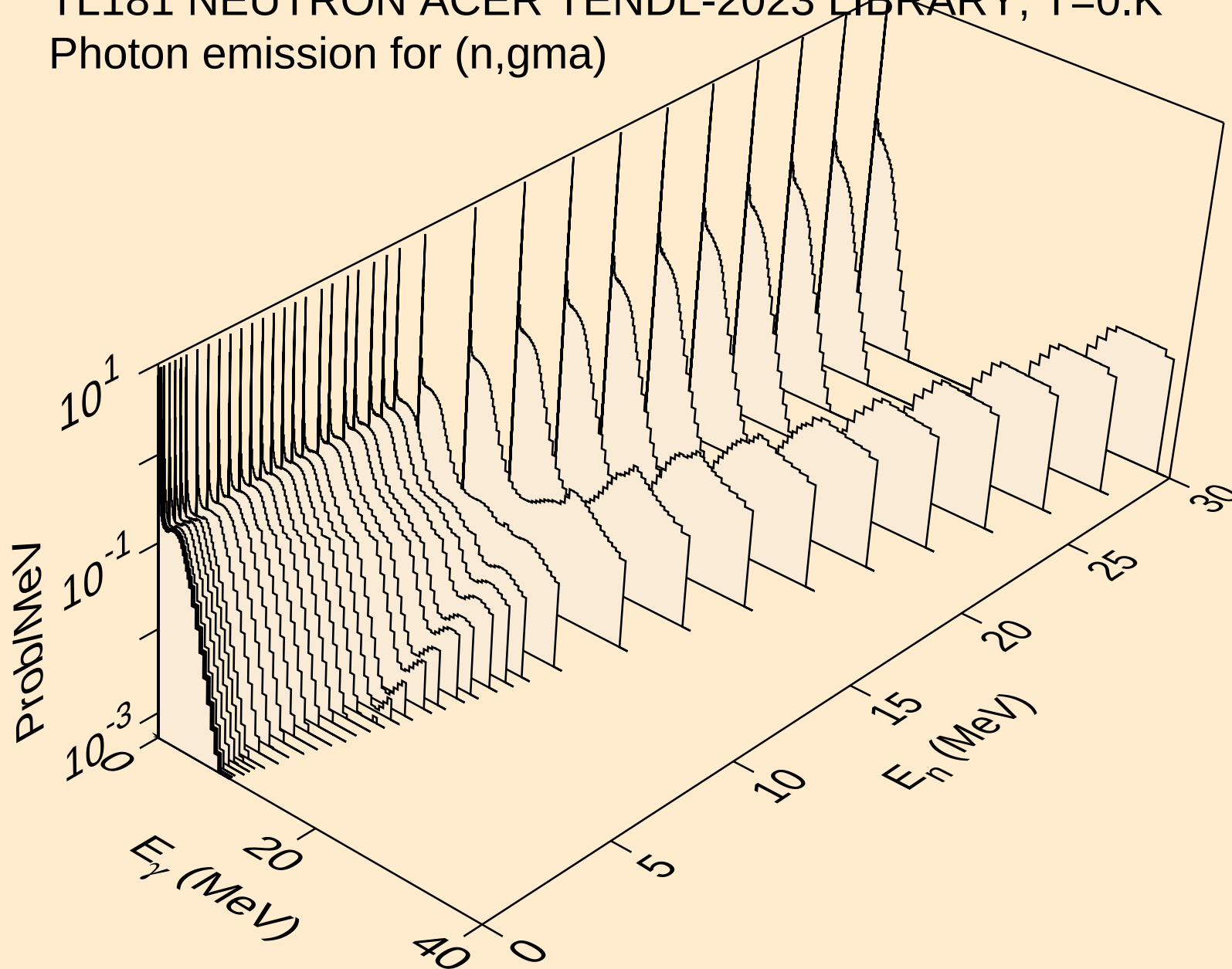
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



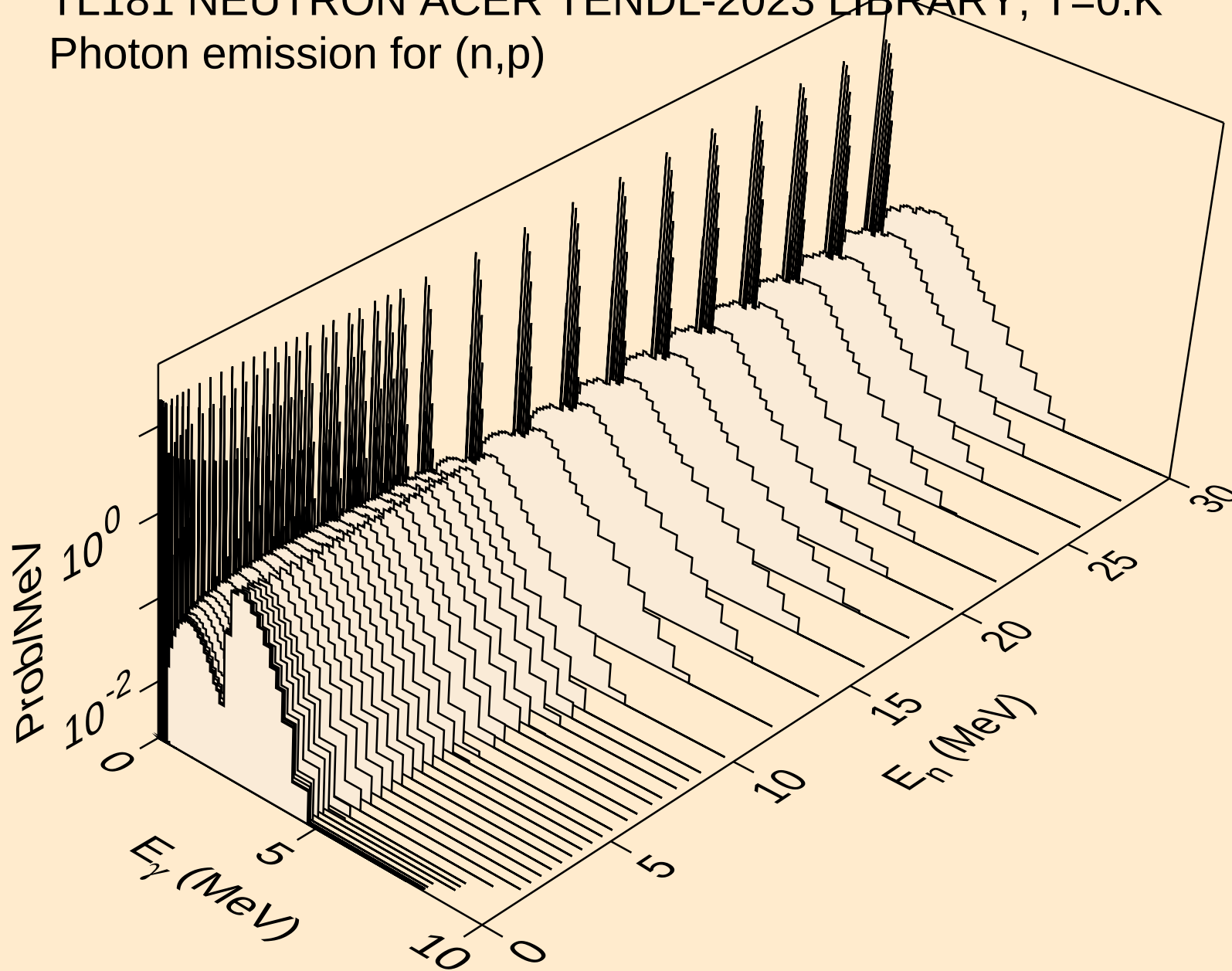
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



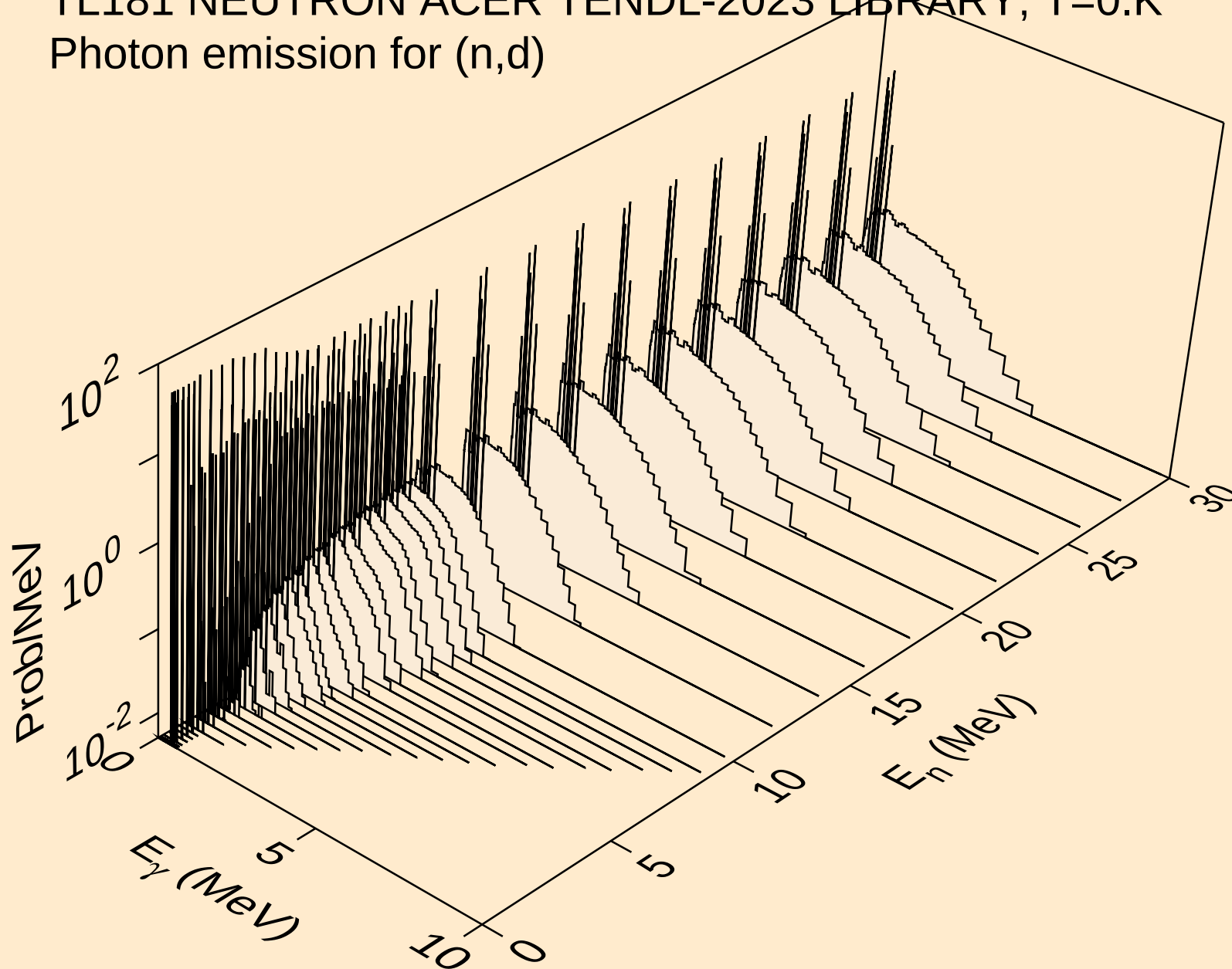
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



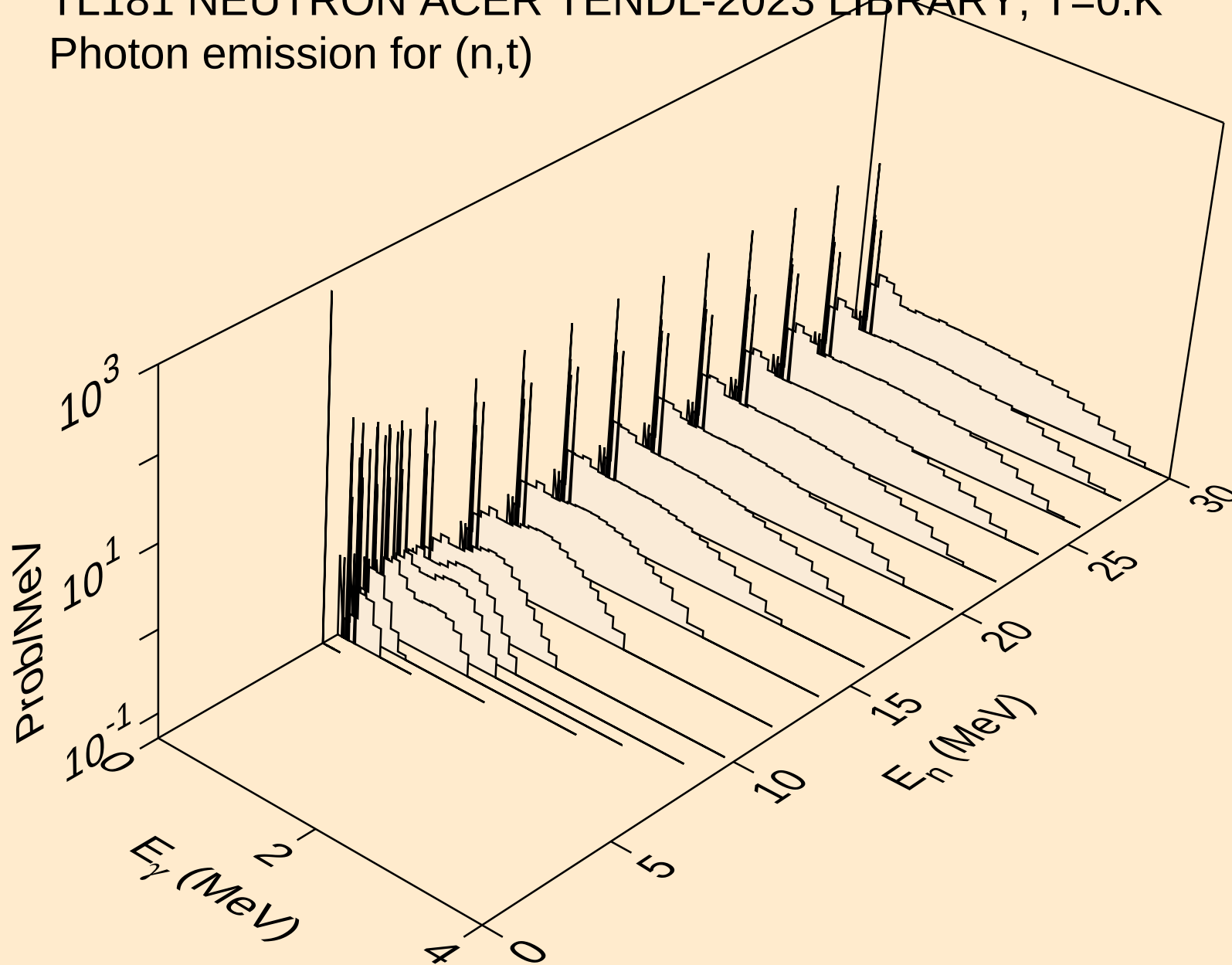
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



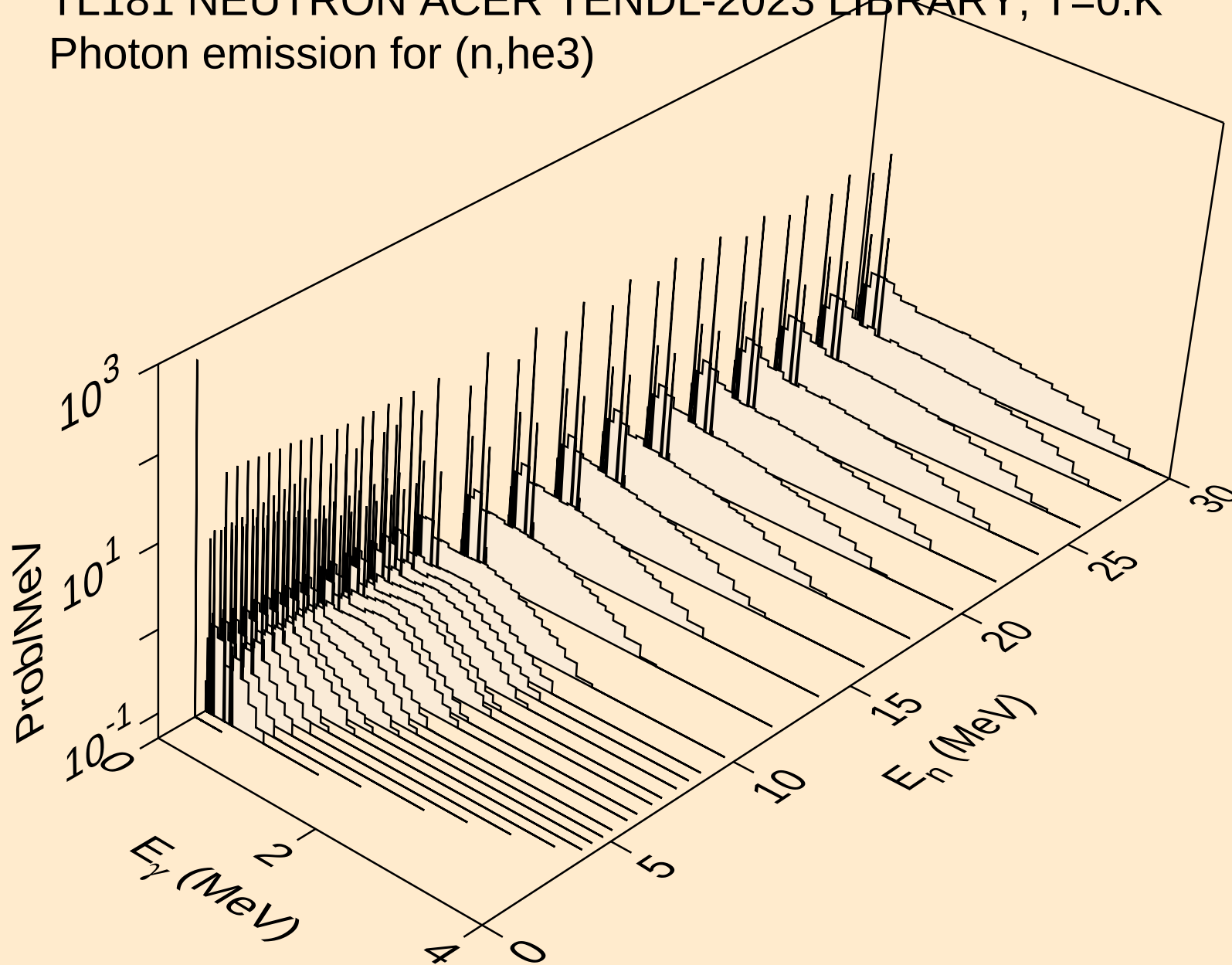
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



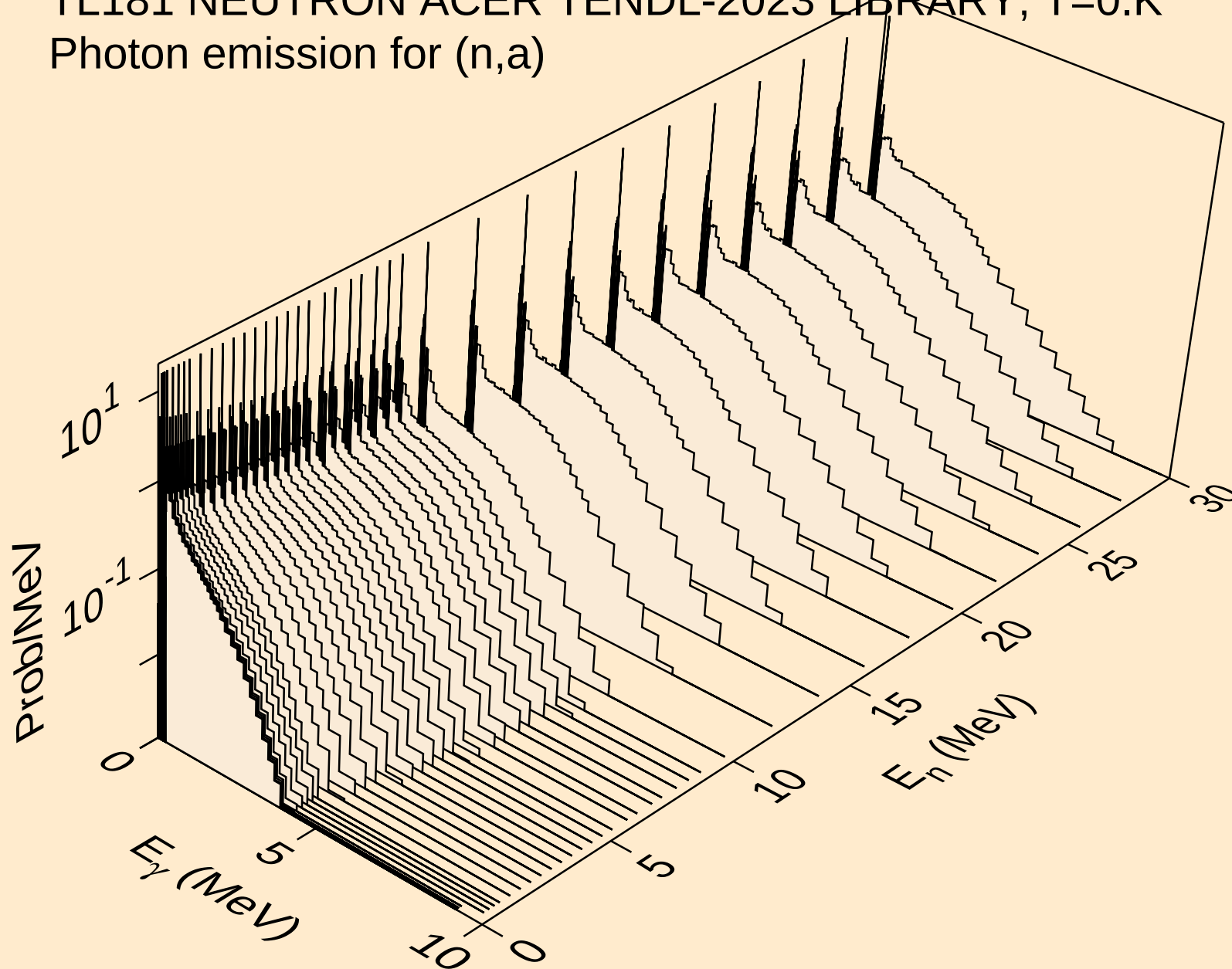
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



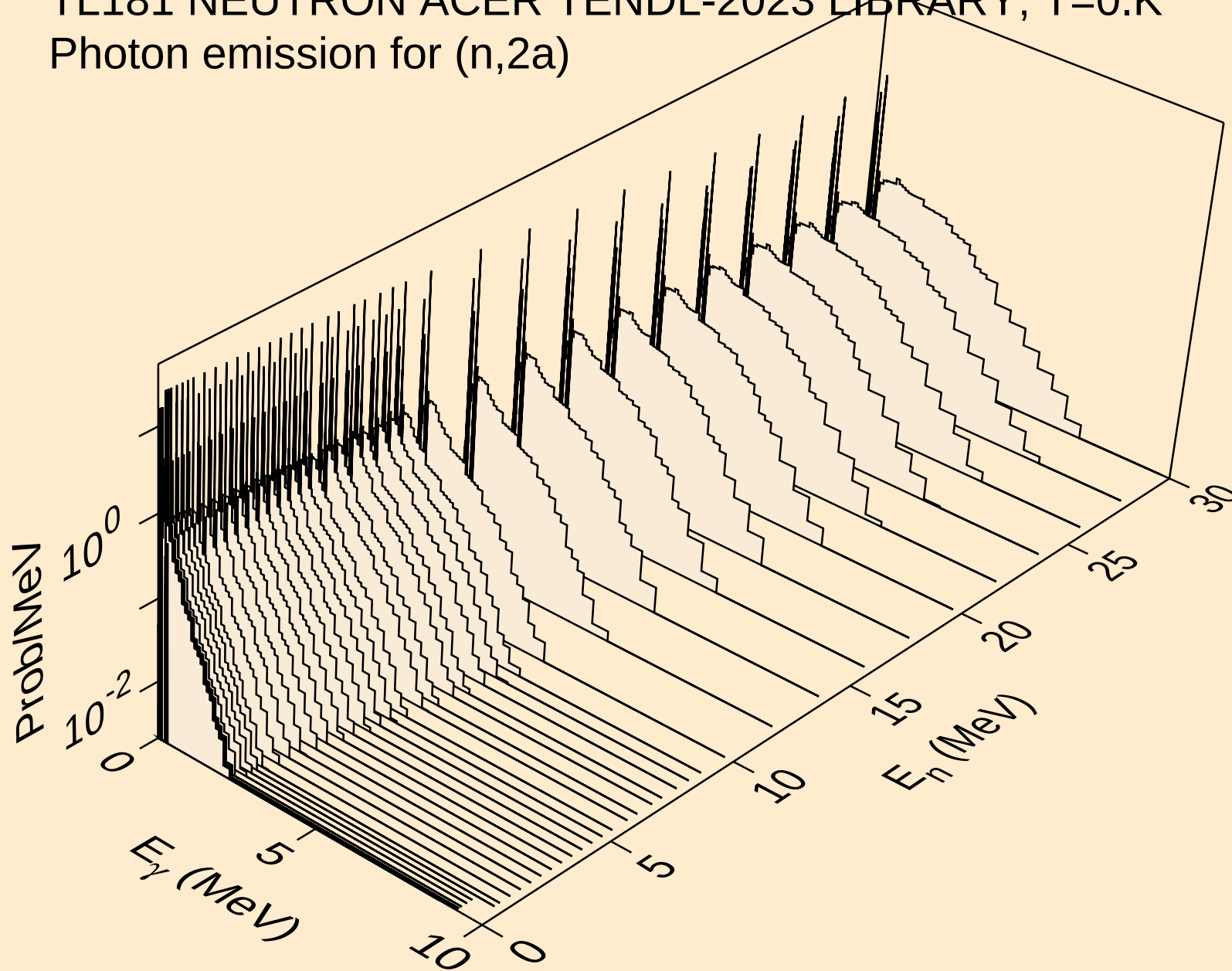
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



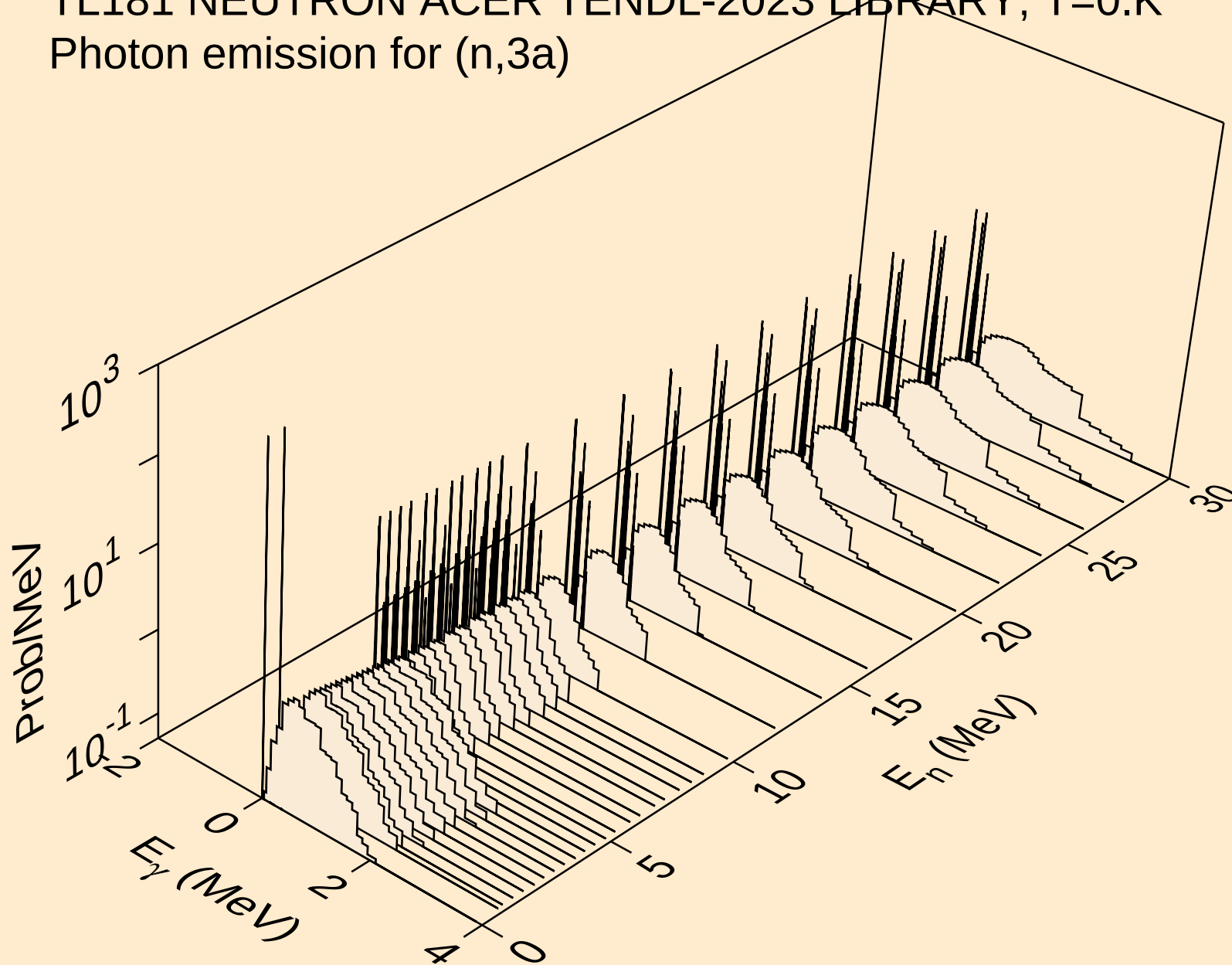
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



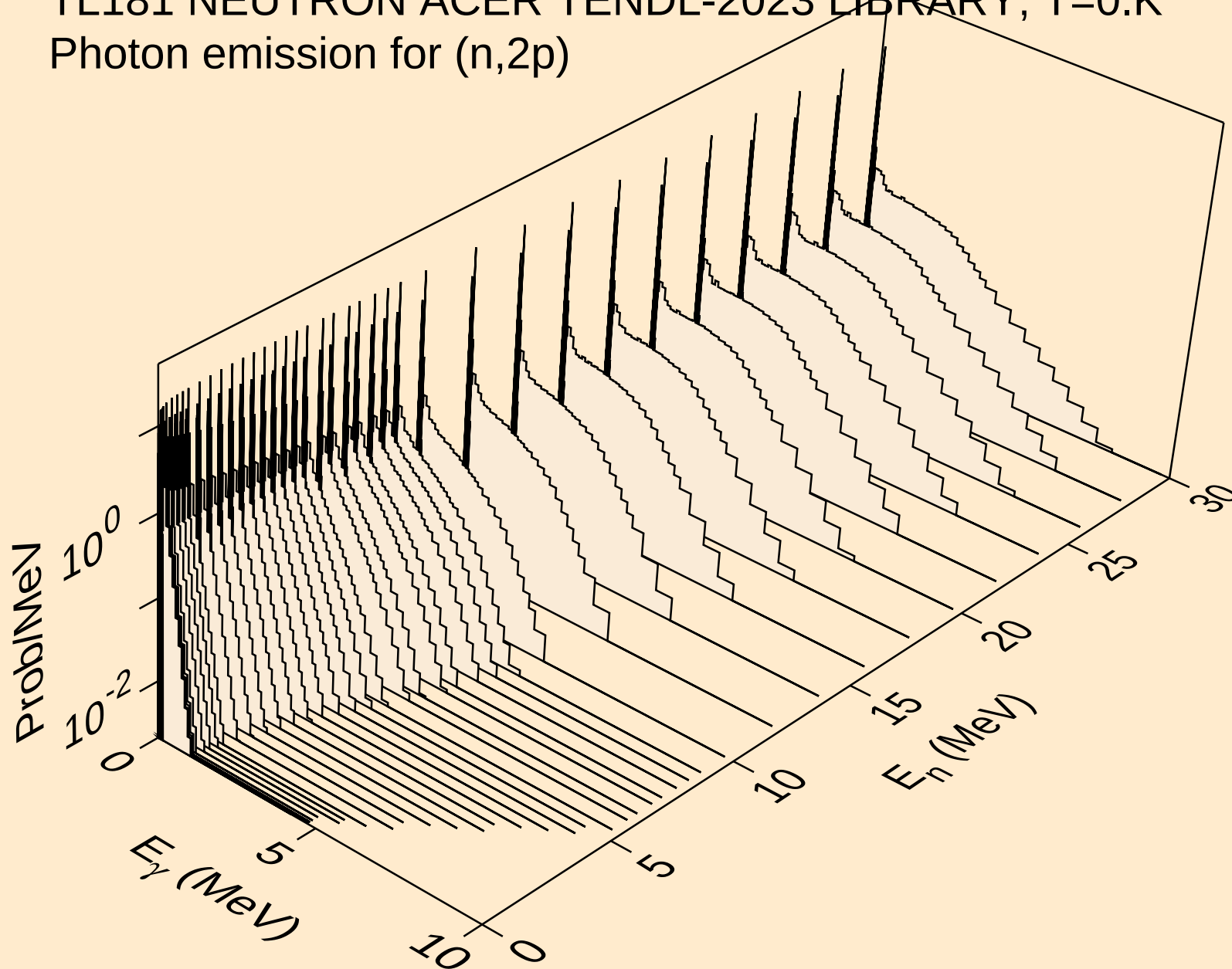
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



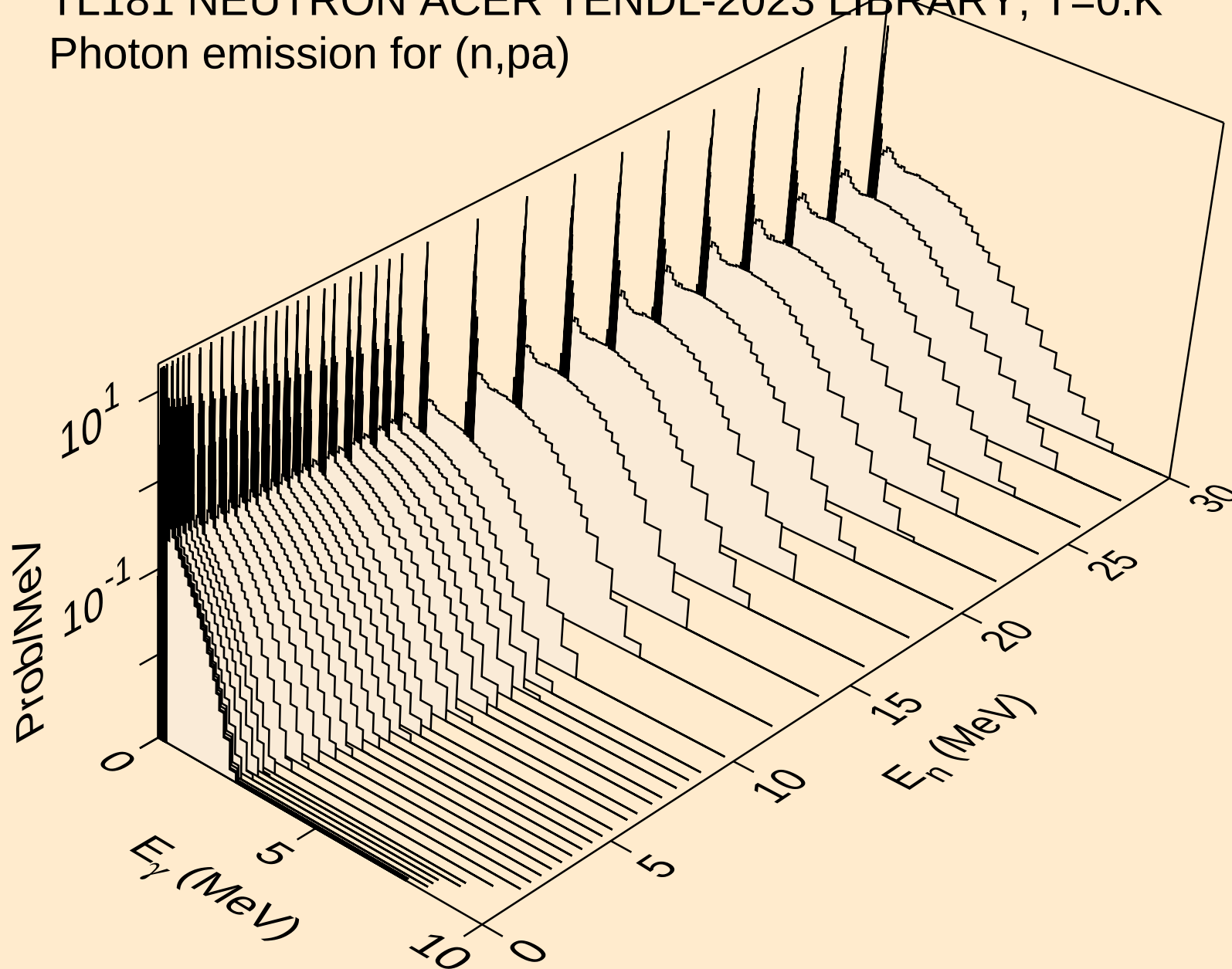
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3a)



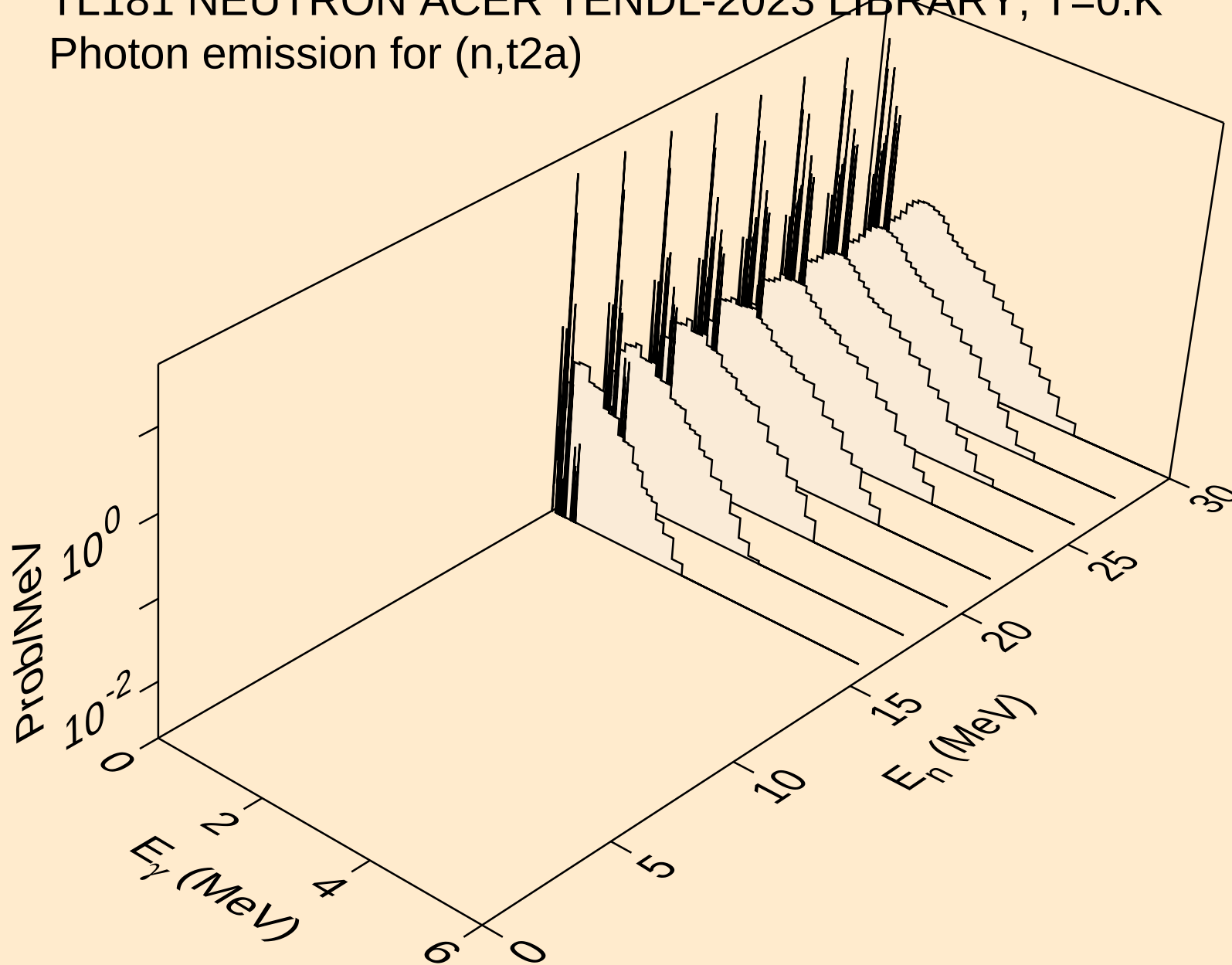
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



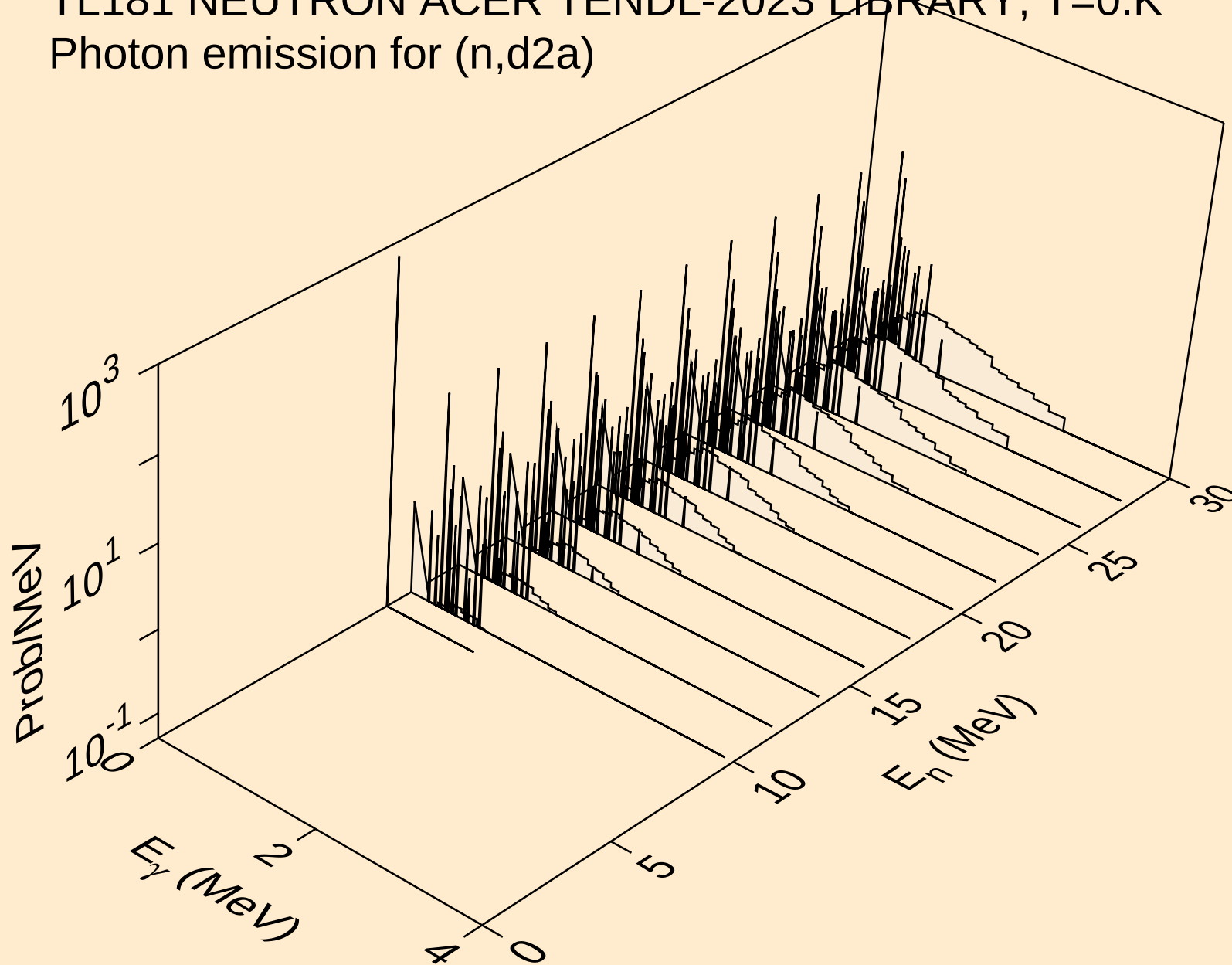
TL181 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,p α)



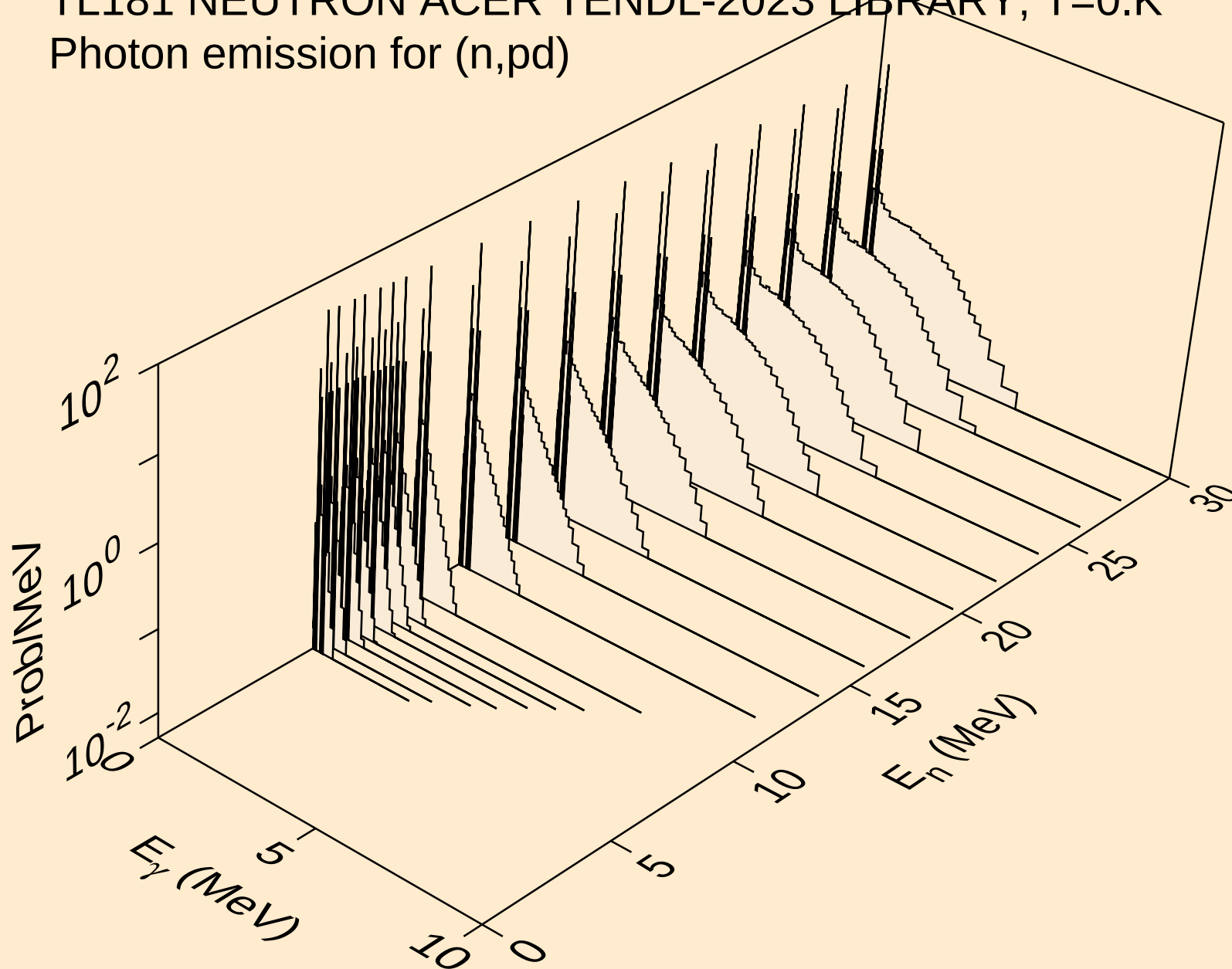
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t2a)



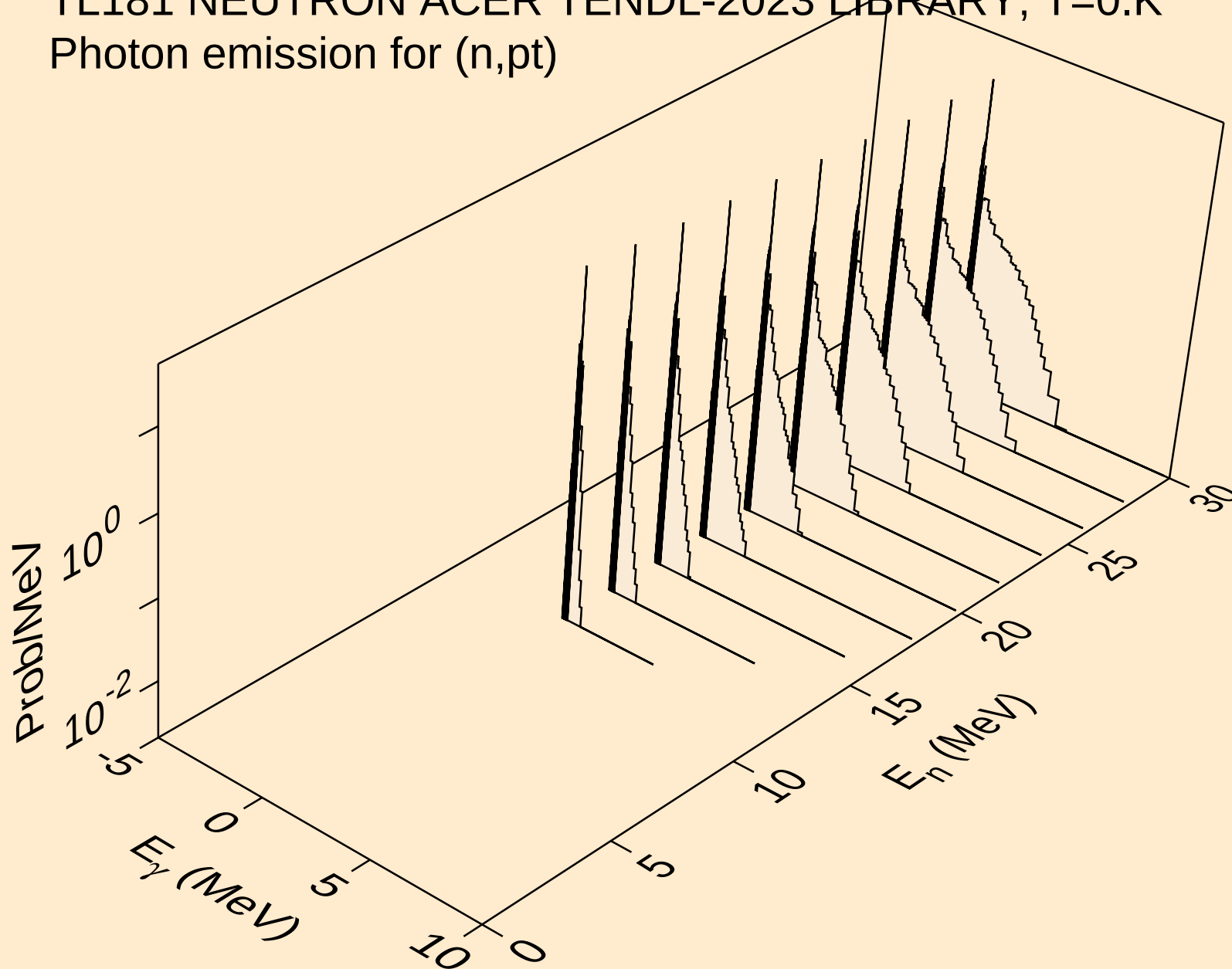
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d2a)



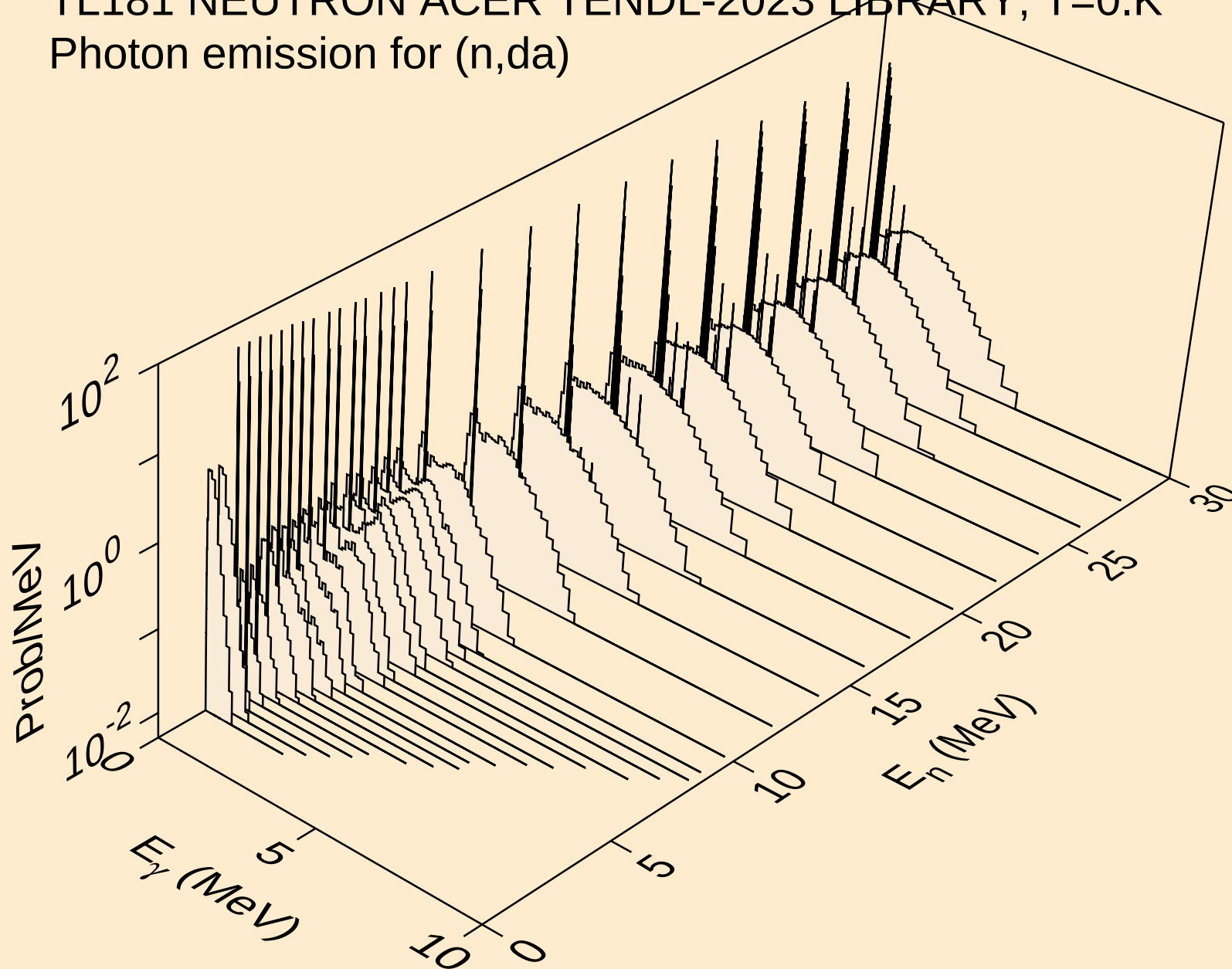
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



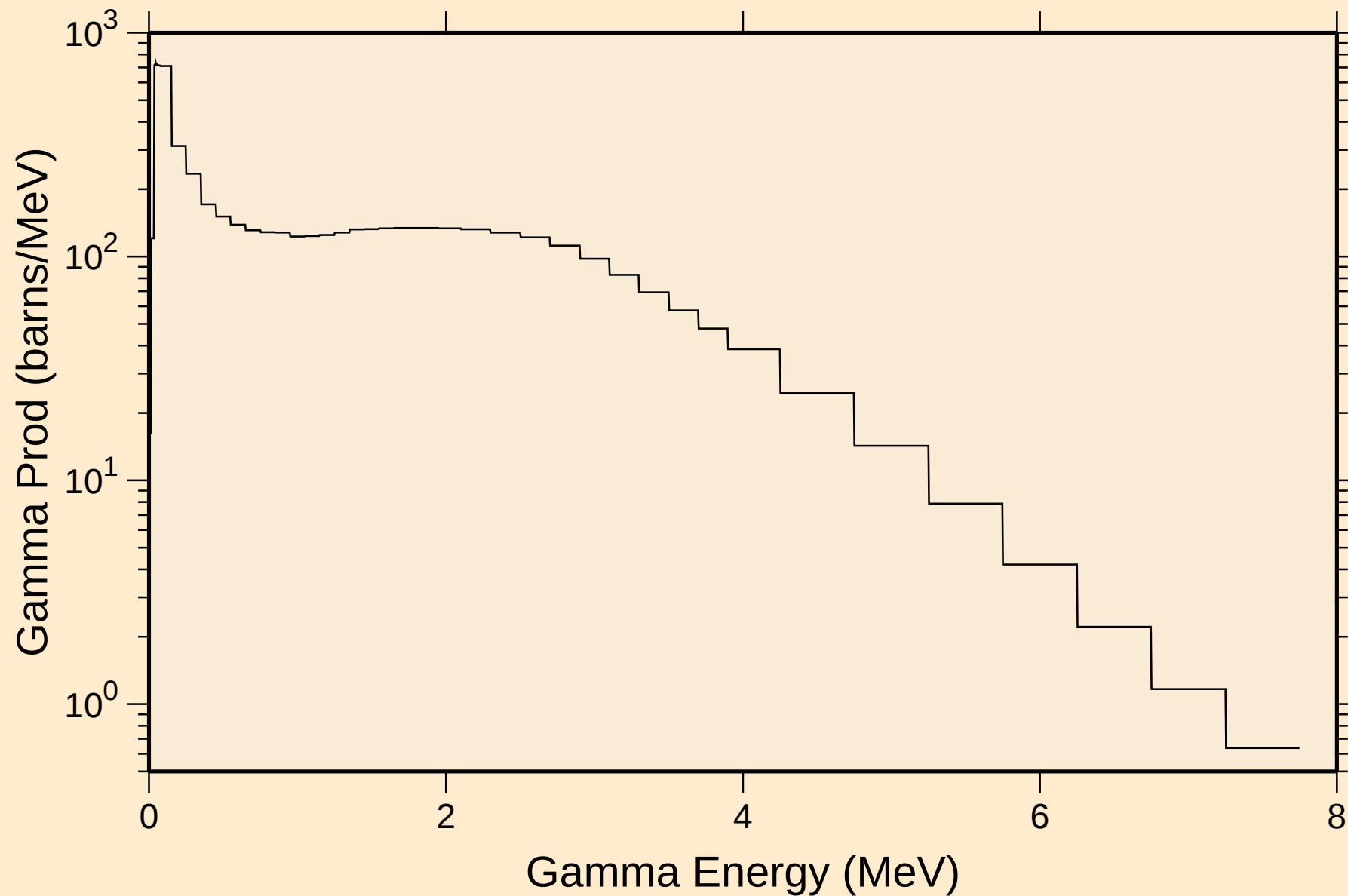
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)



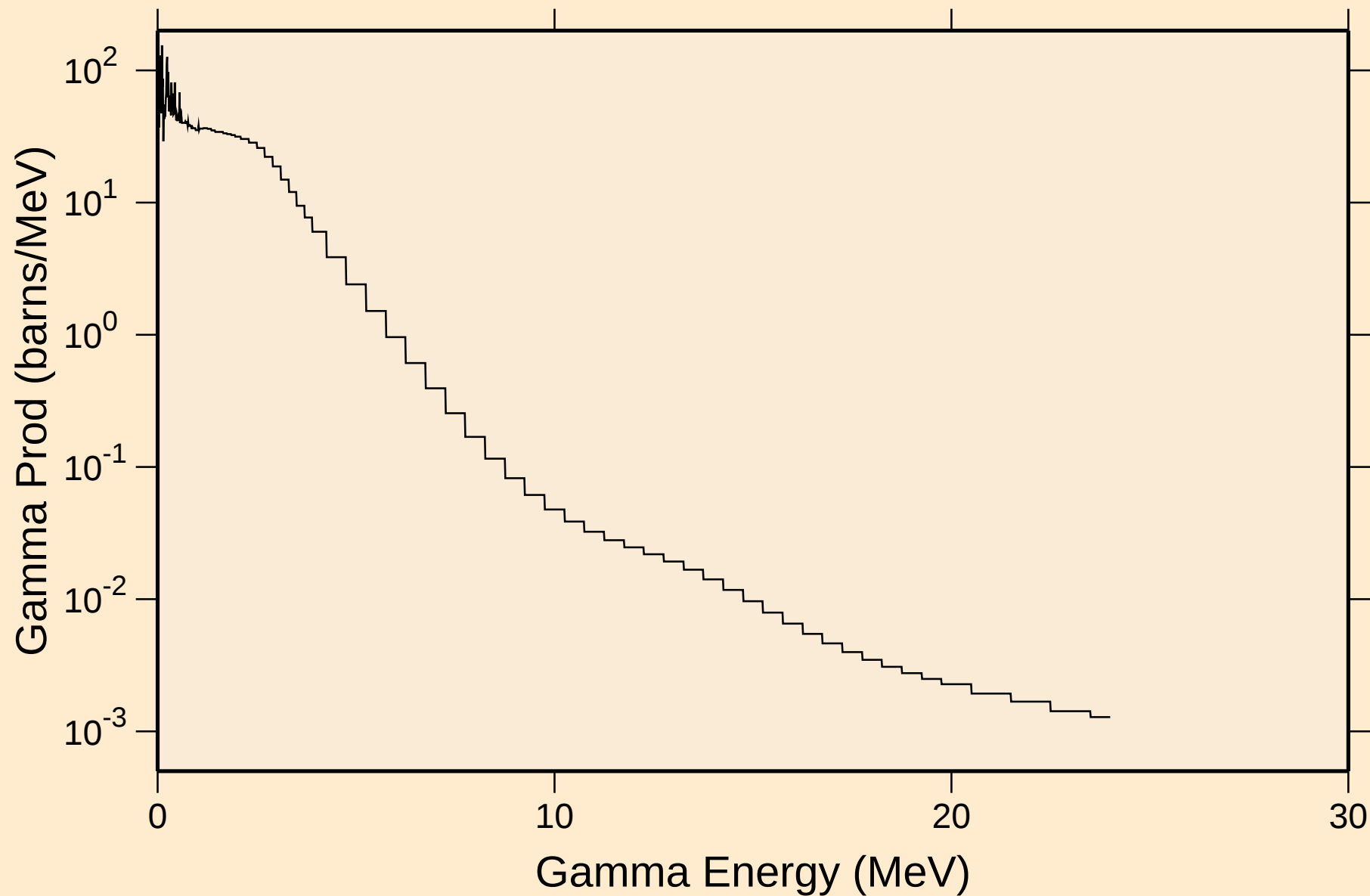
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



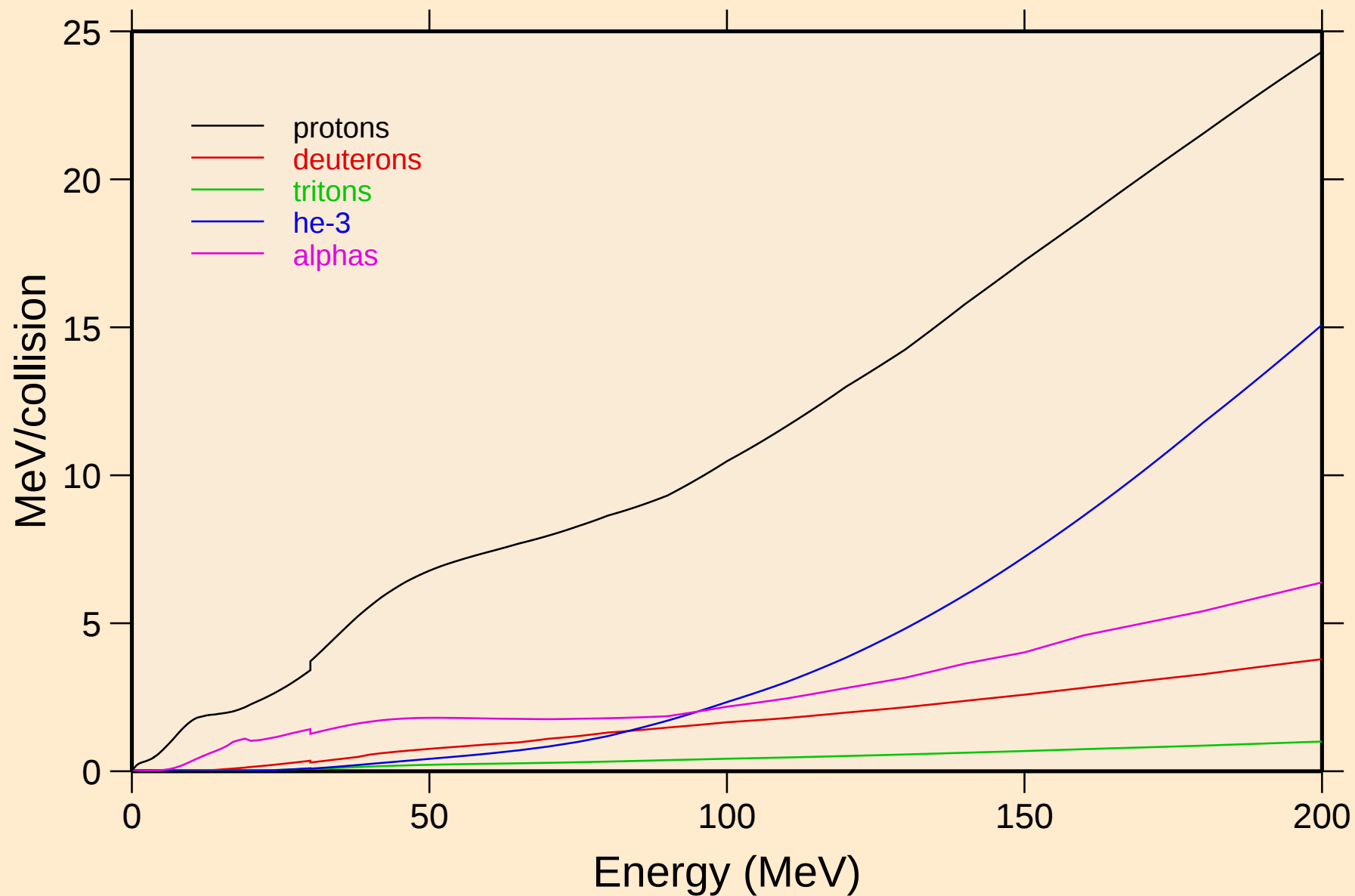
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum



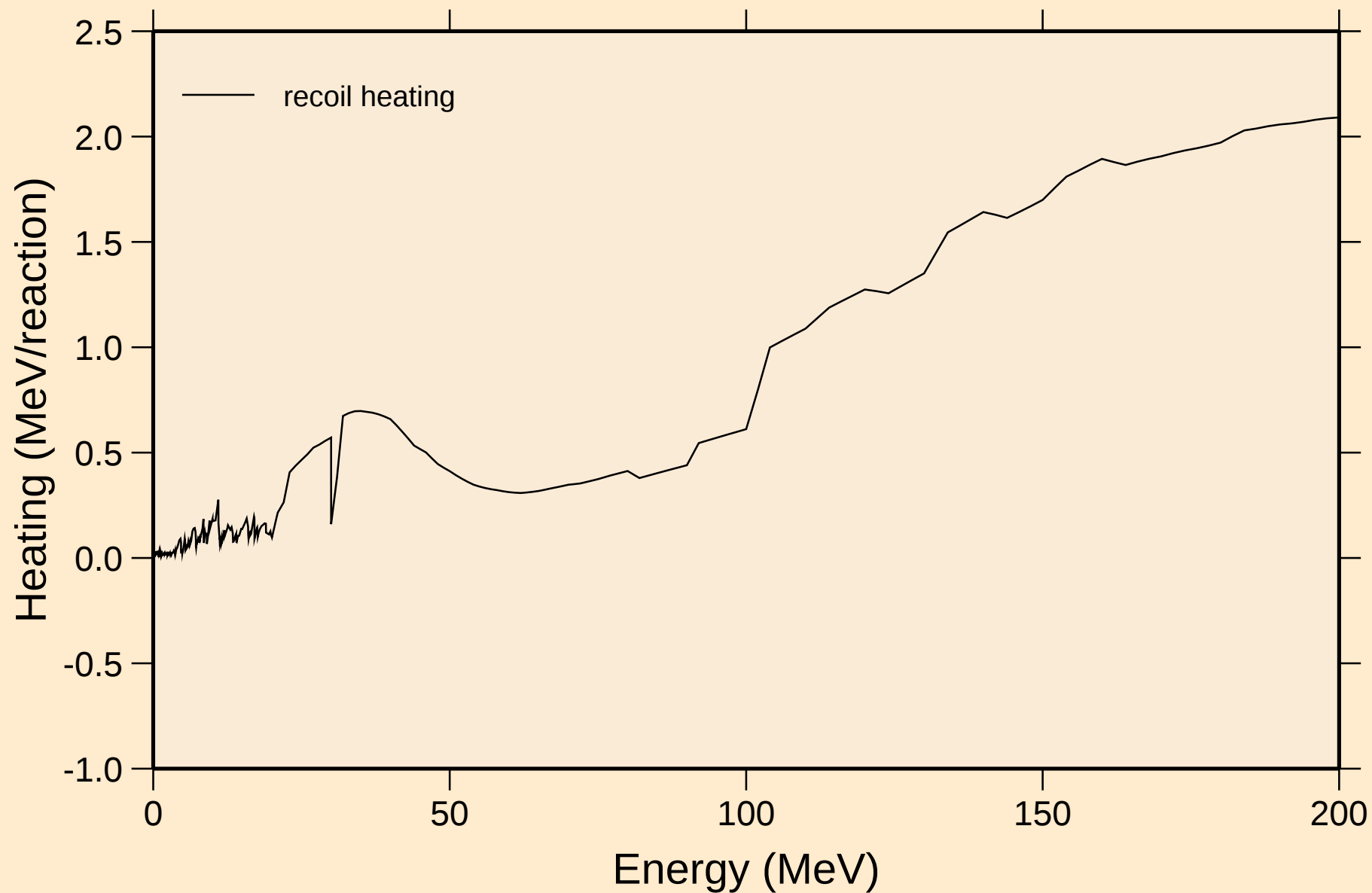
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum



TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Particle heating contributions

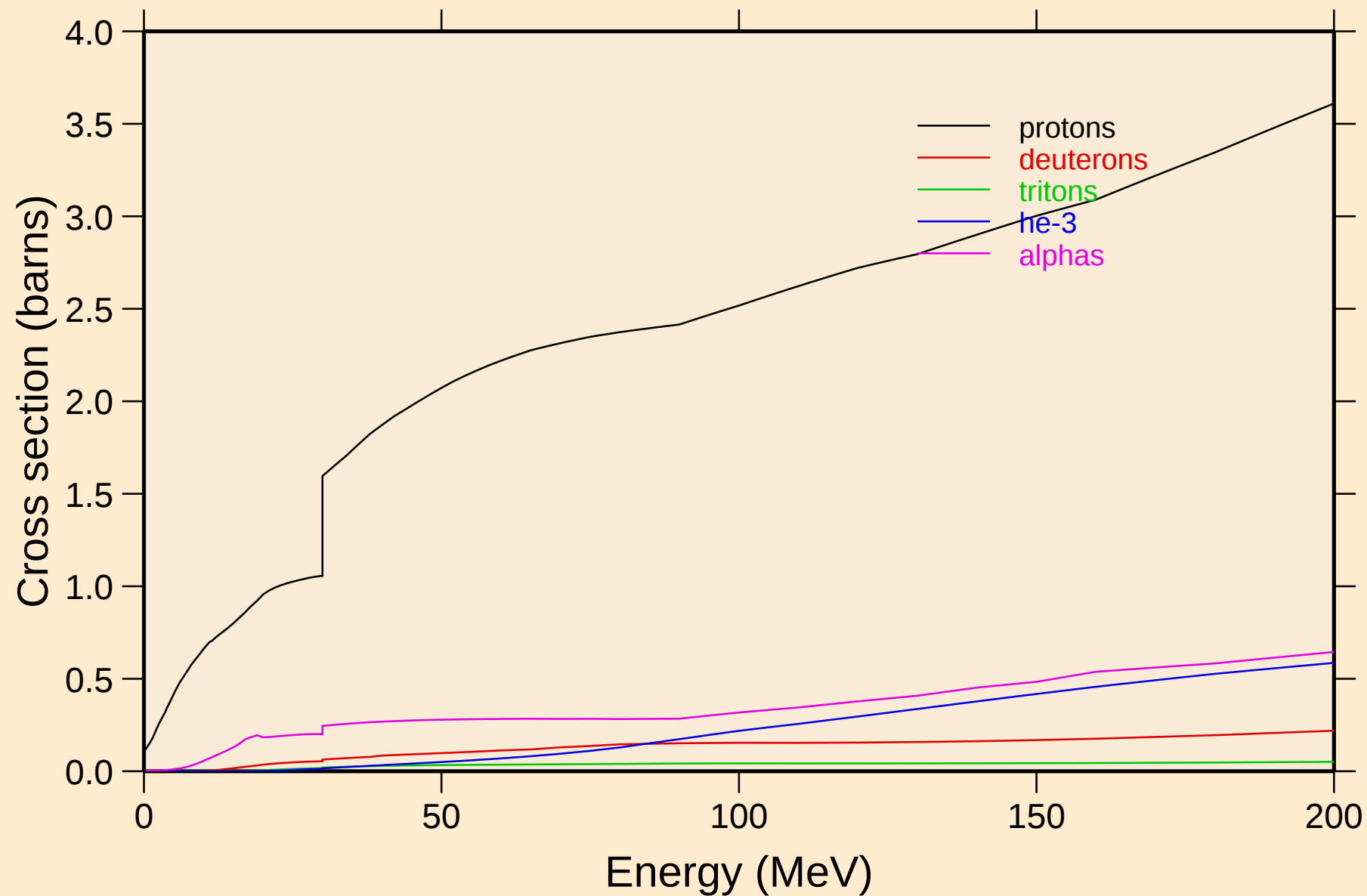


TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating

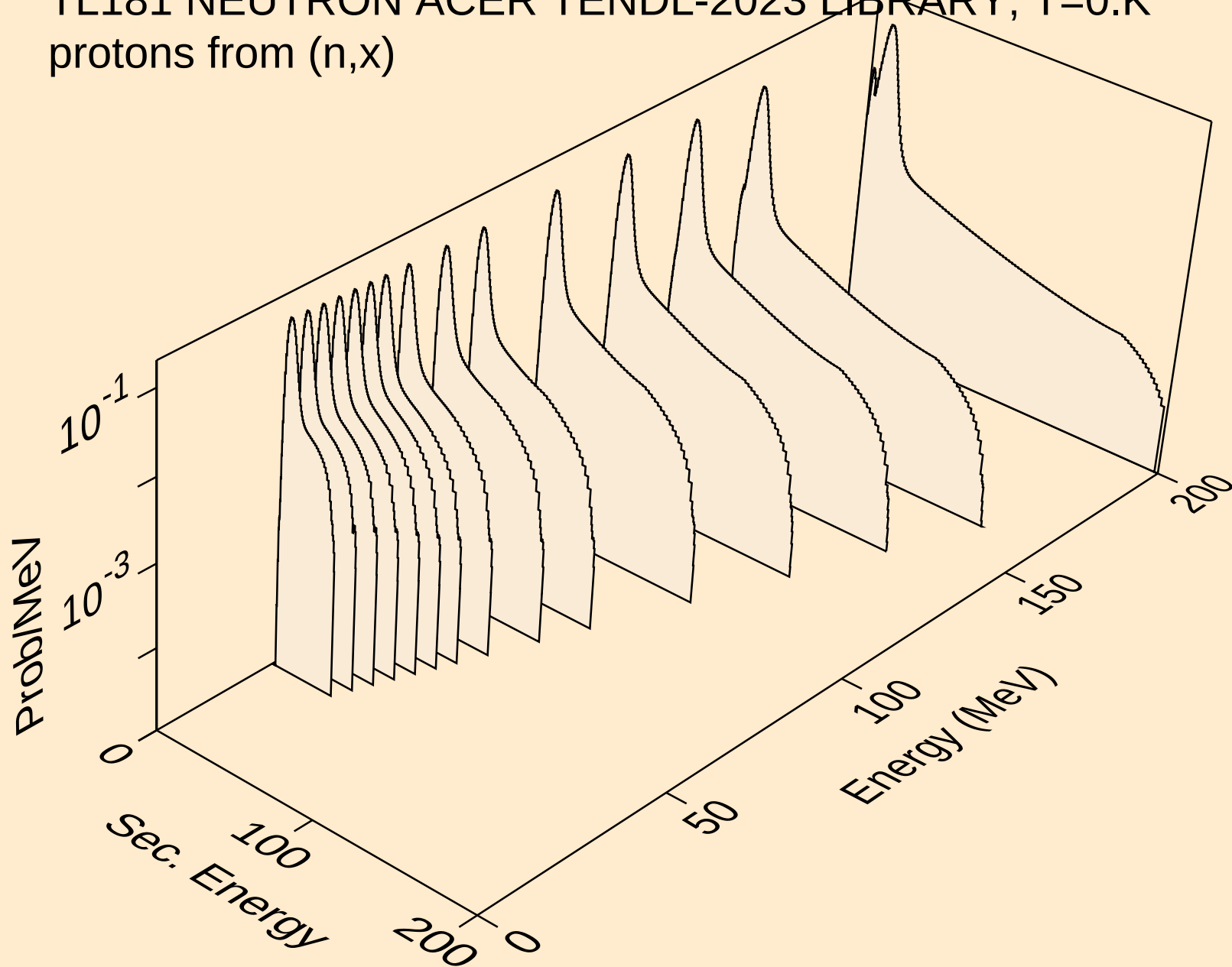


TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

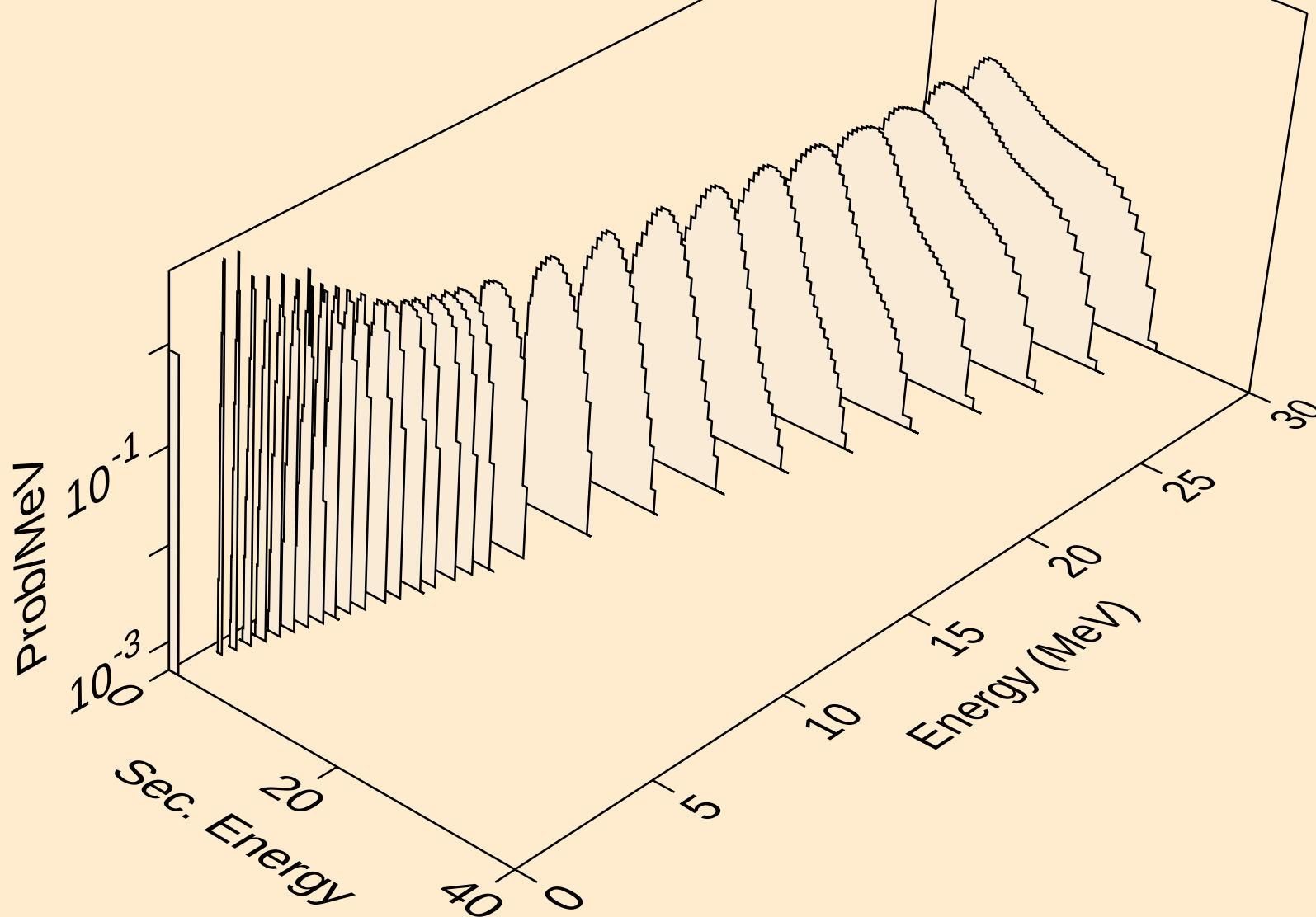
Particle production cross sections



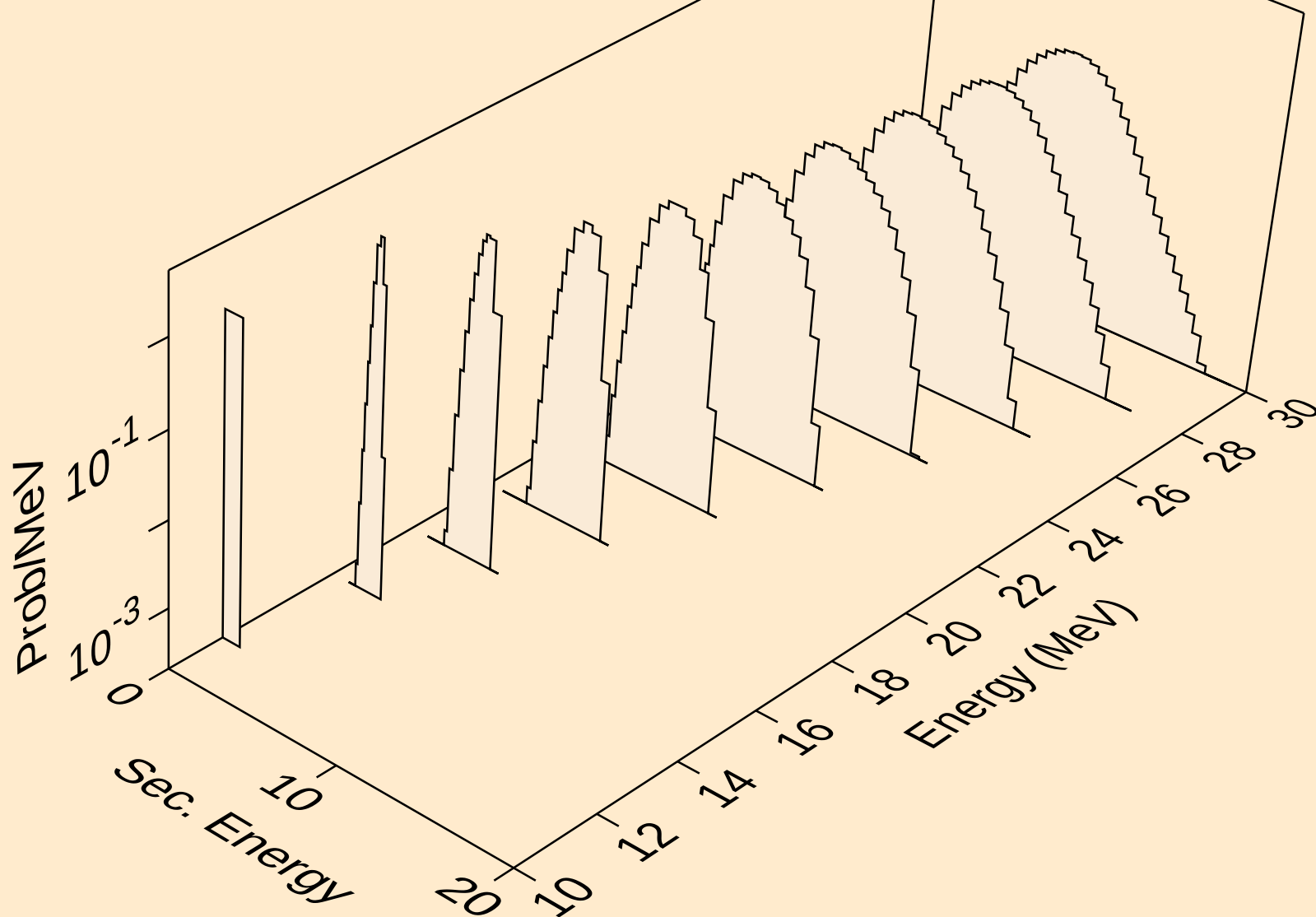
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



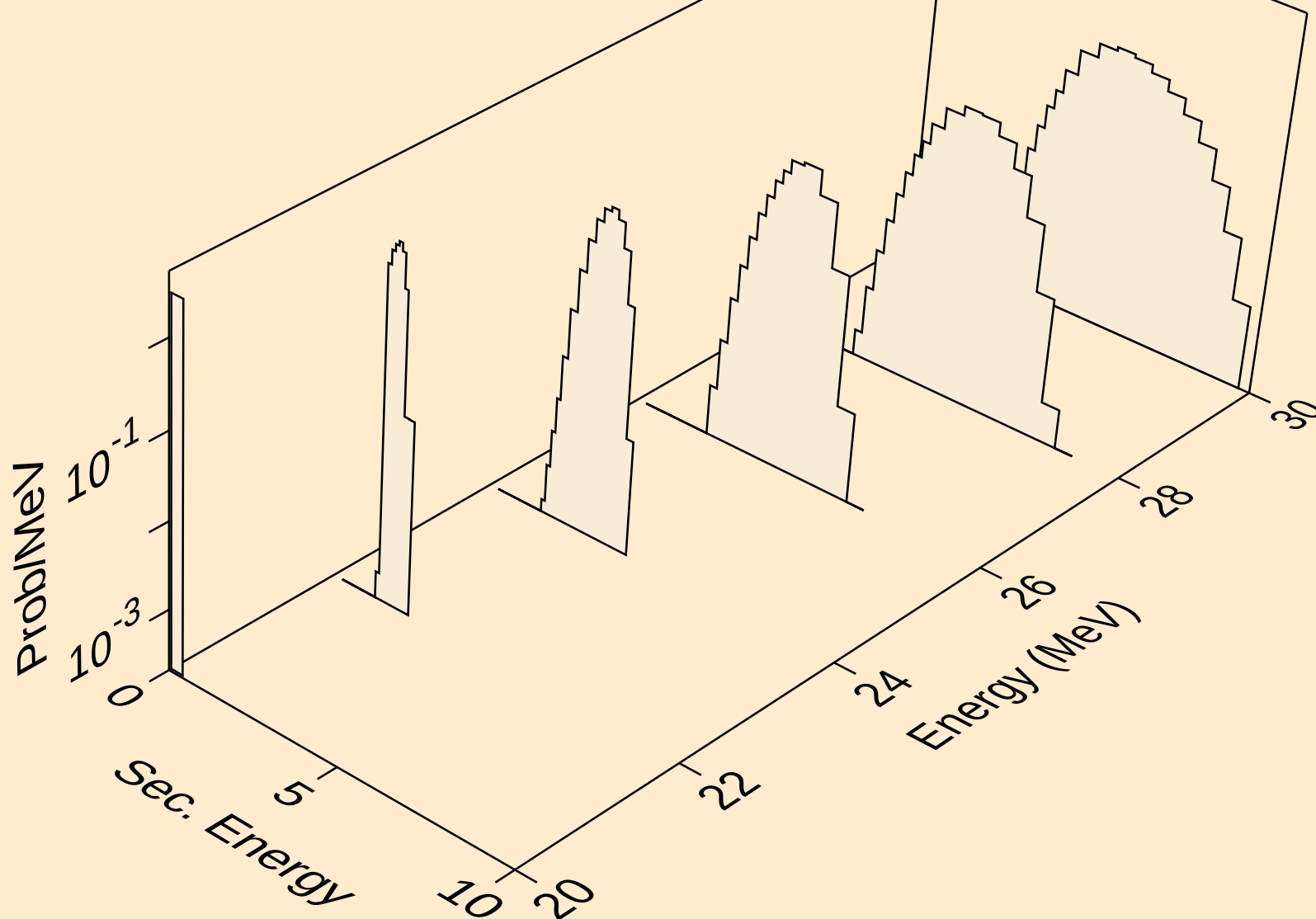
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



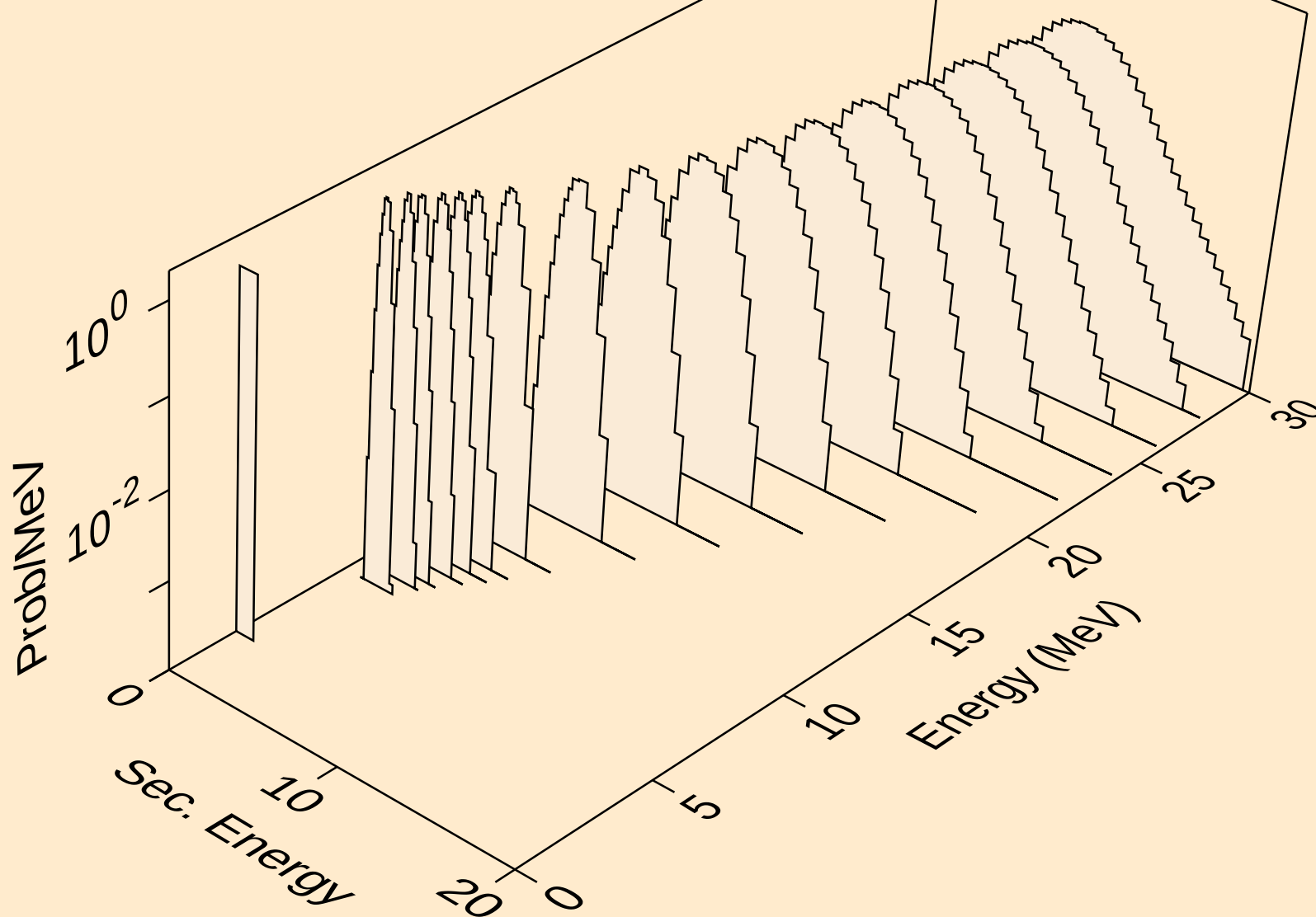
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2np)



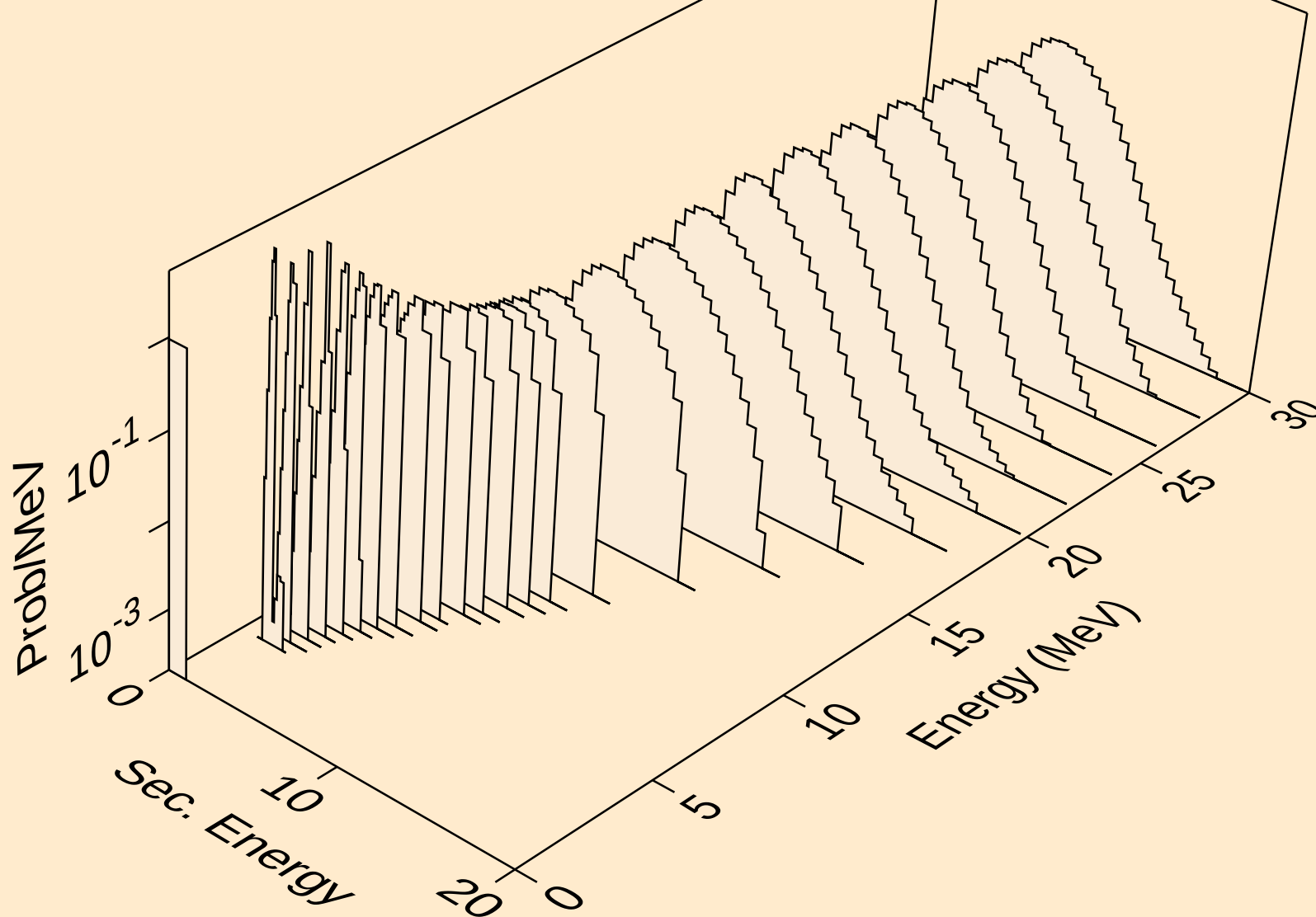
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,3np)



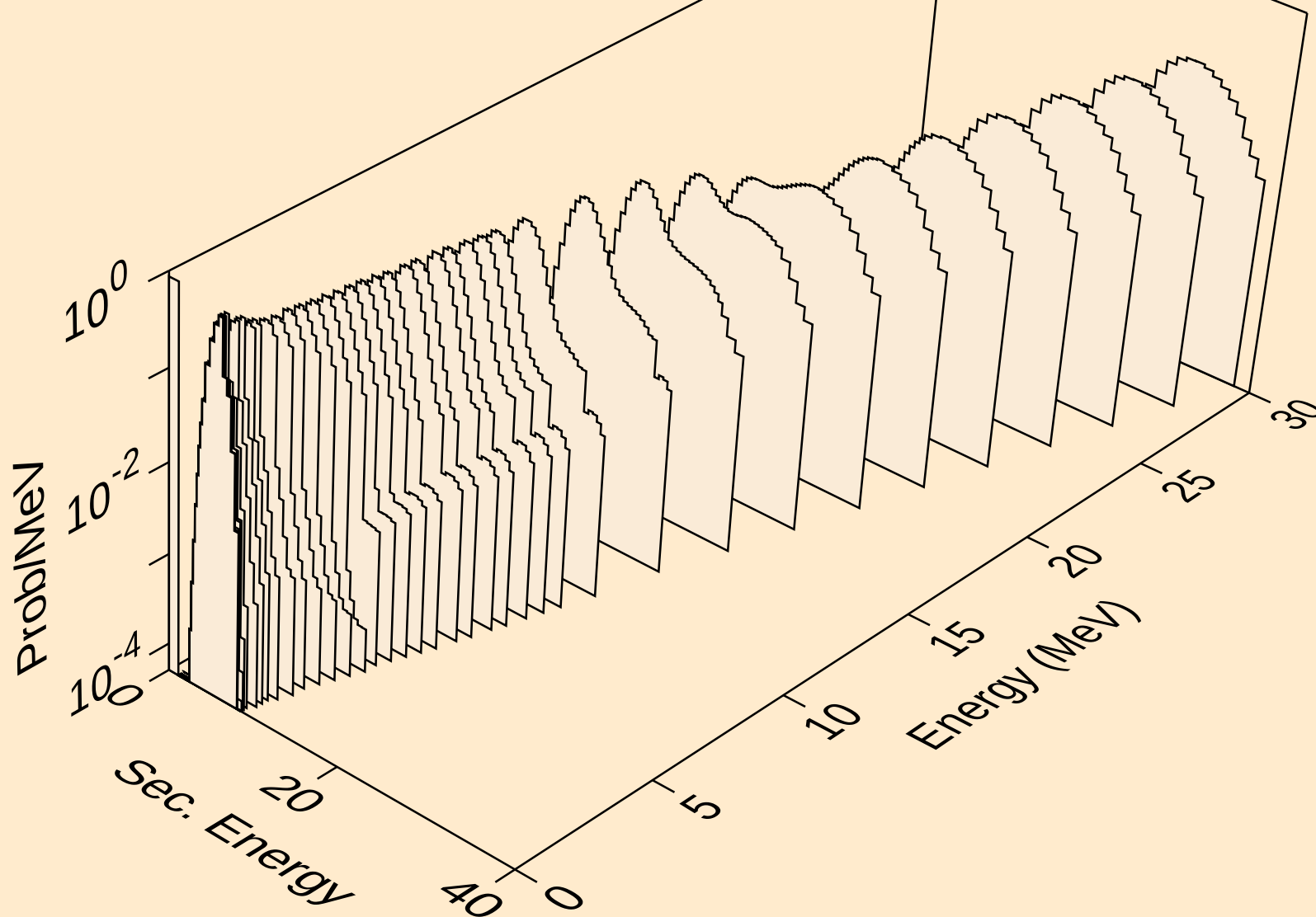
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n2p)



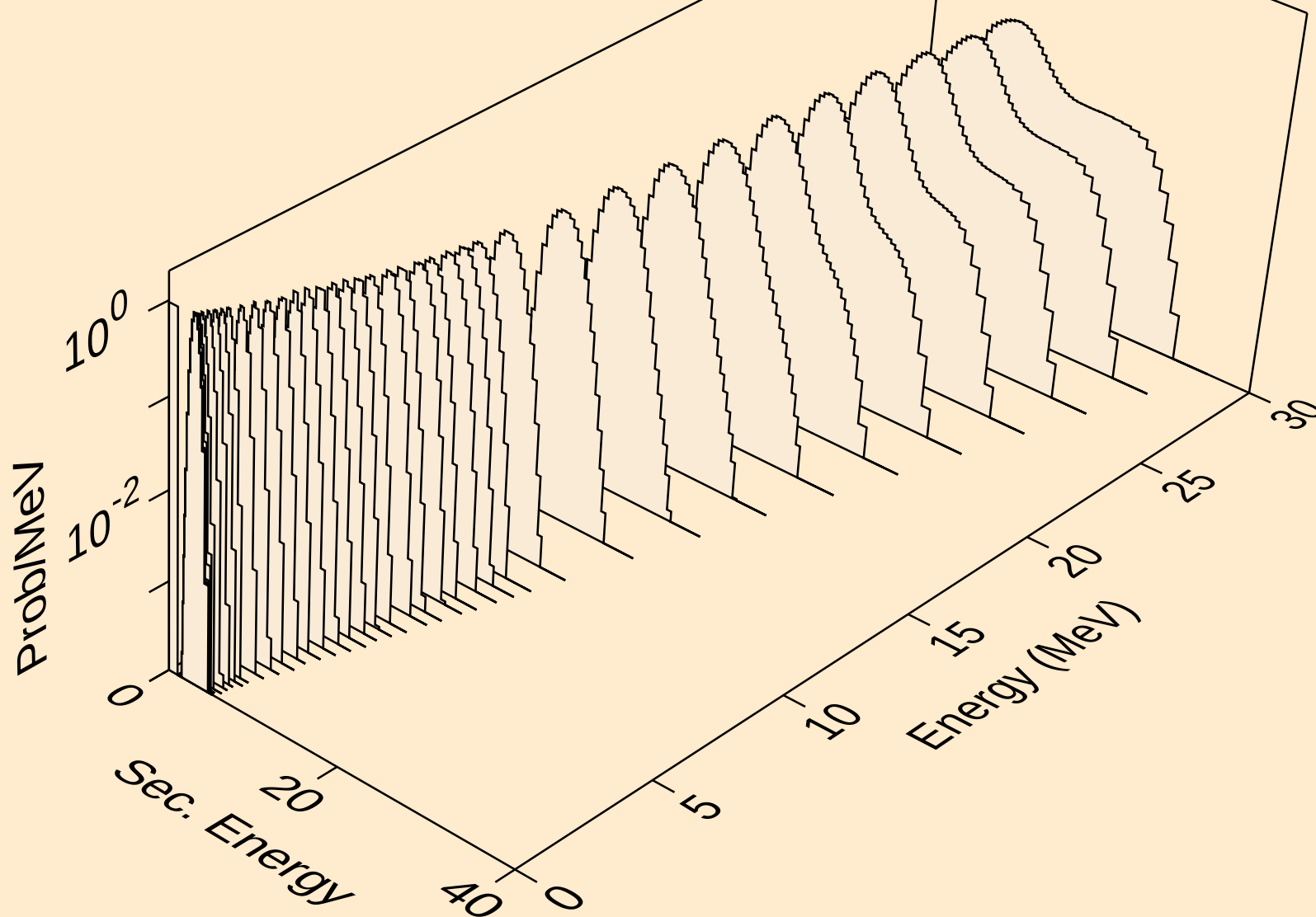
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,npa)



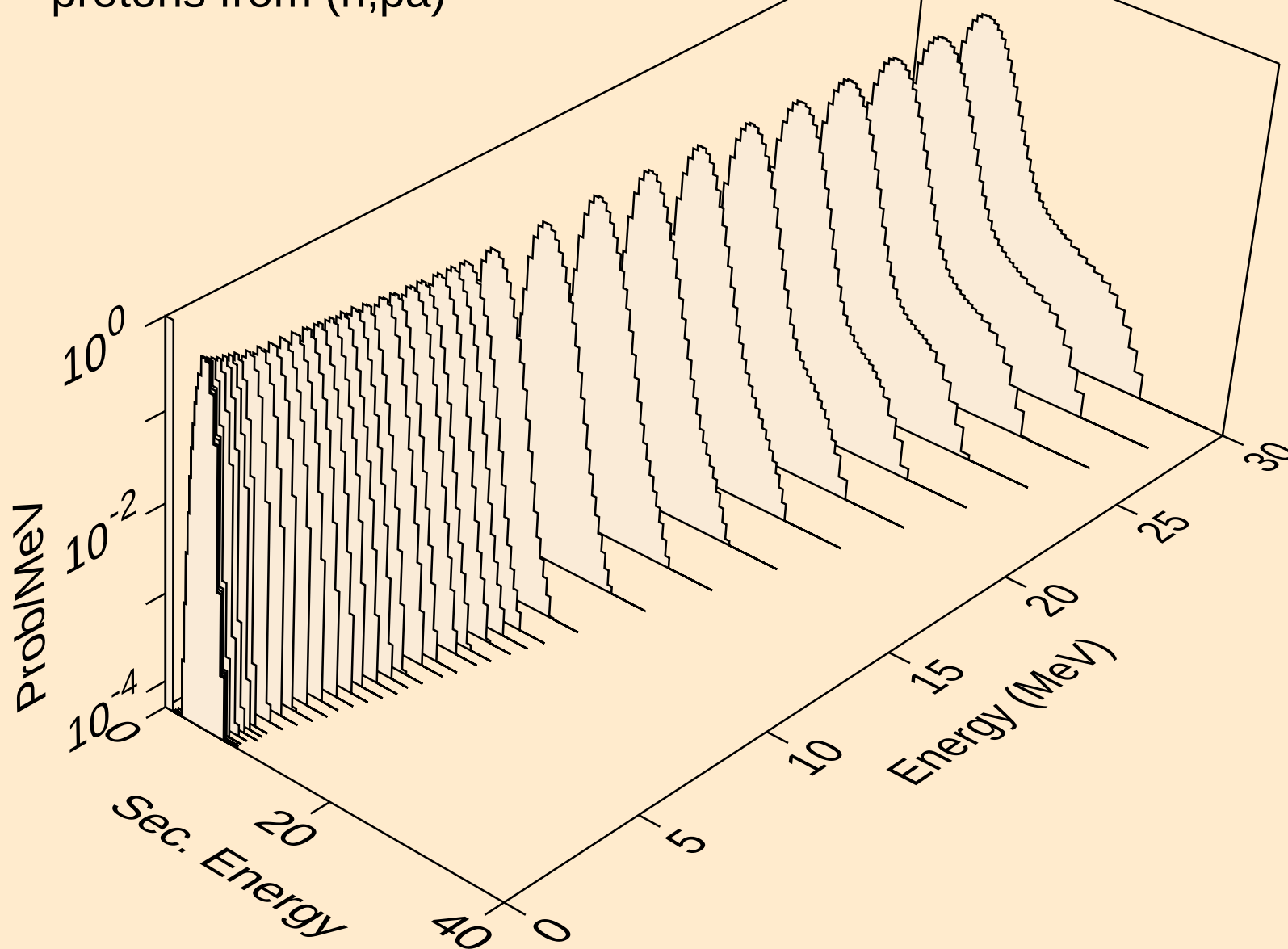
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,p)



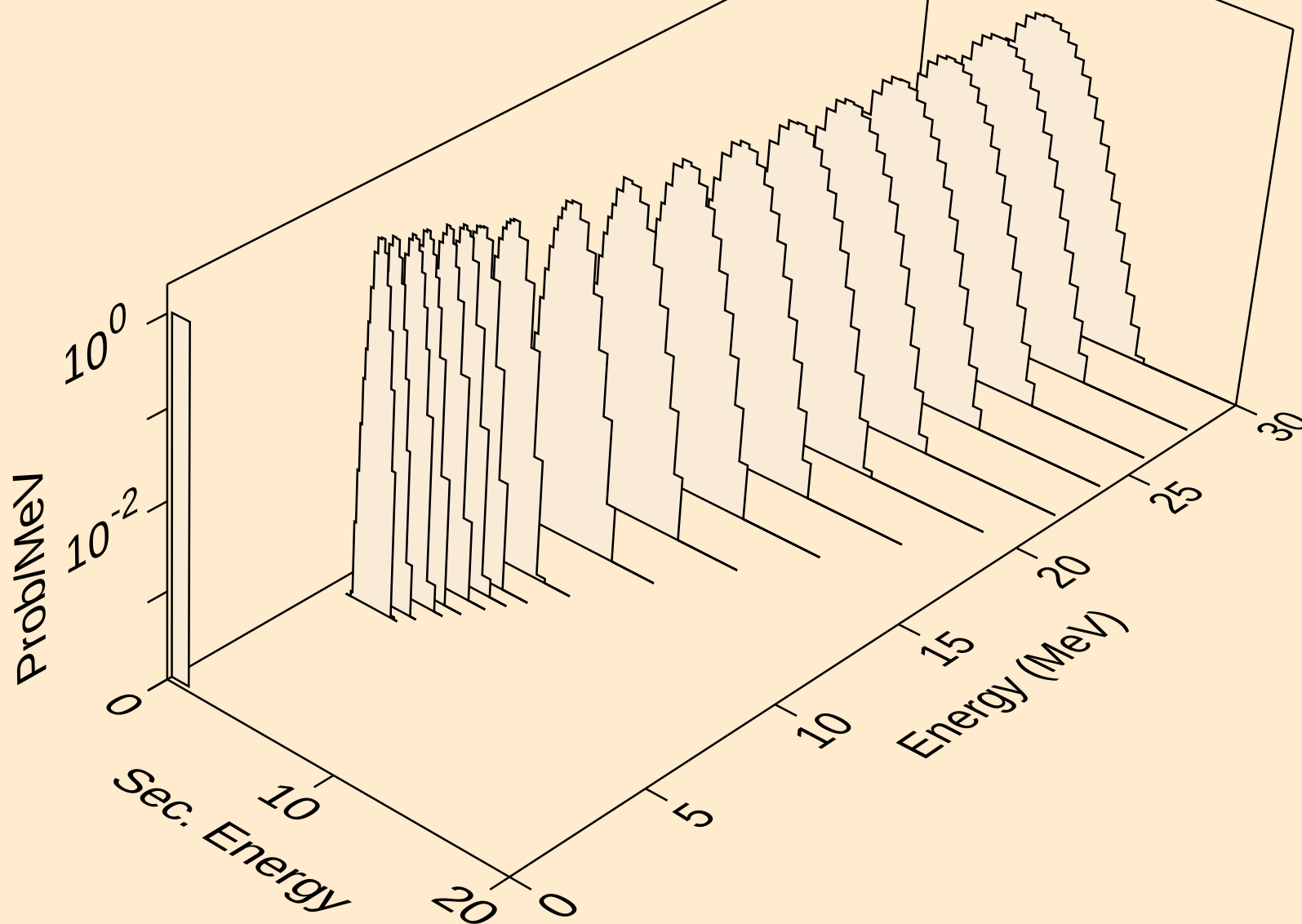
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2p)



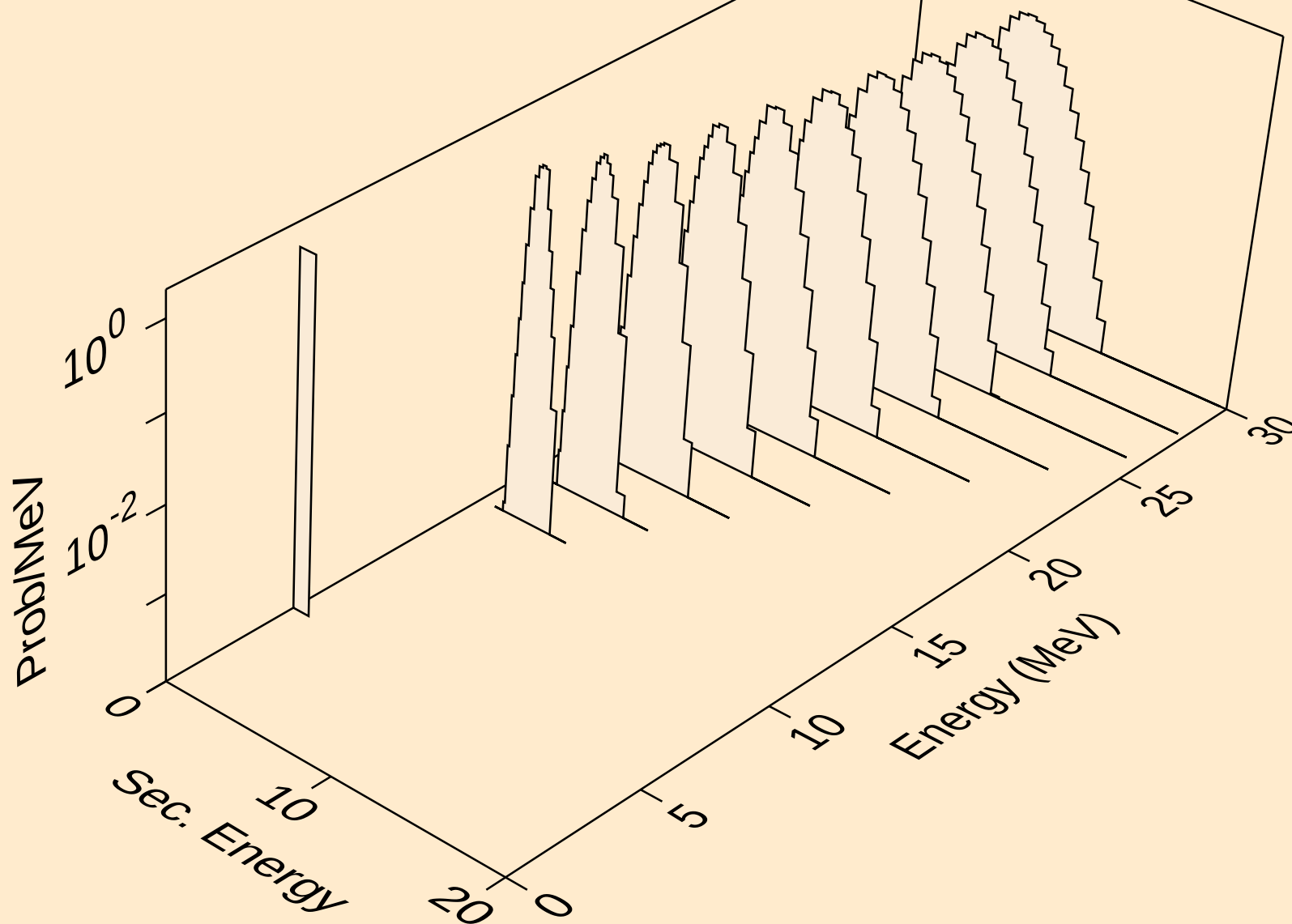
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,p)



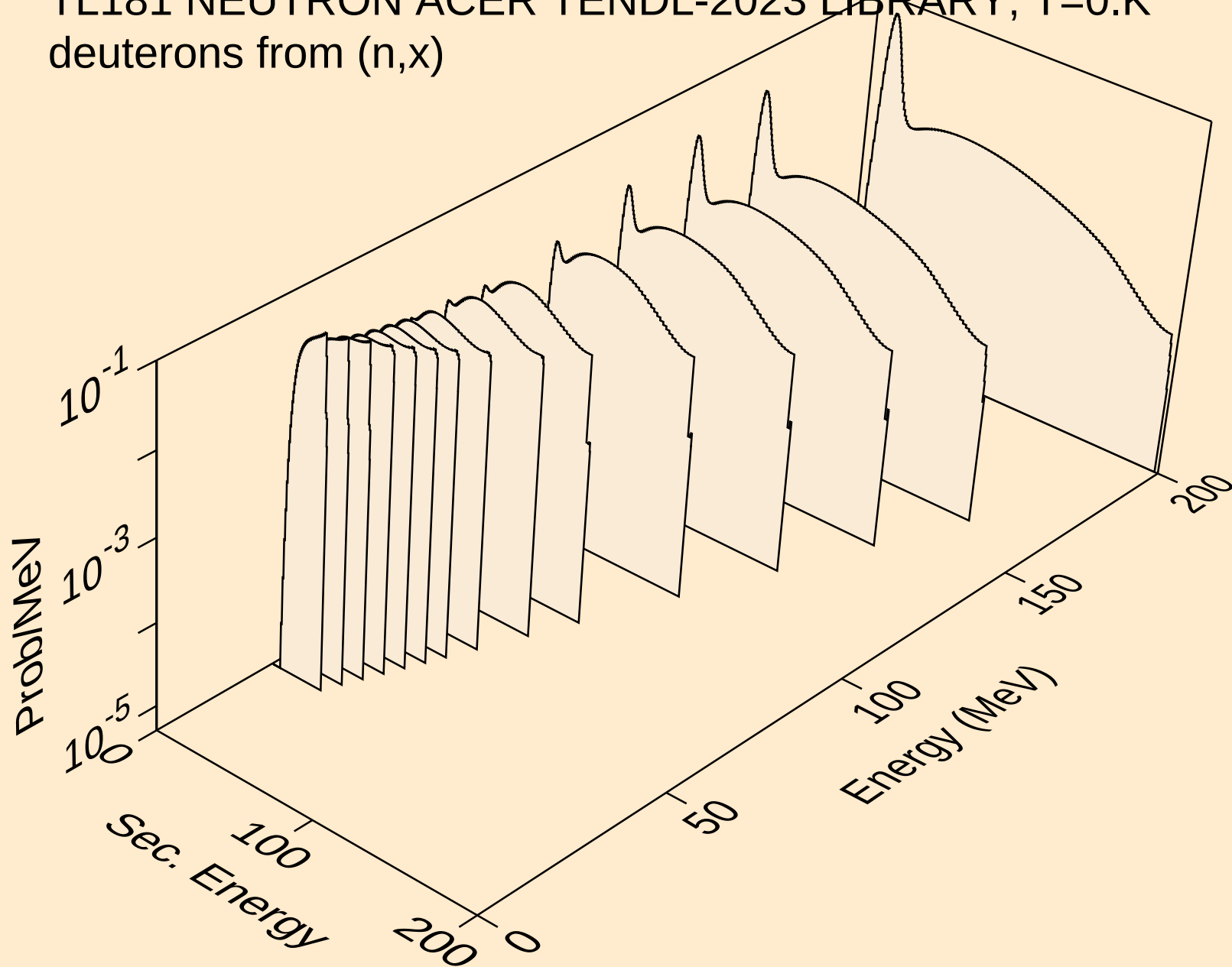
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pd)



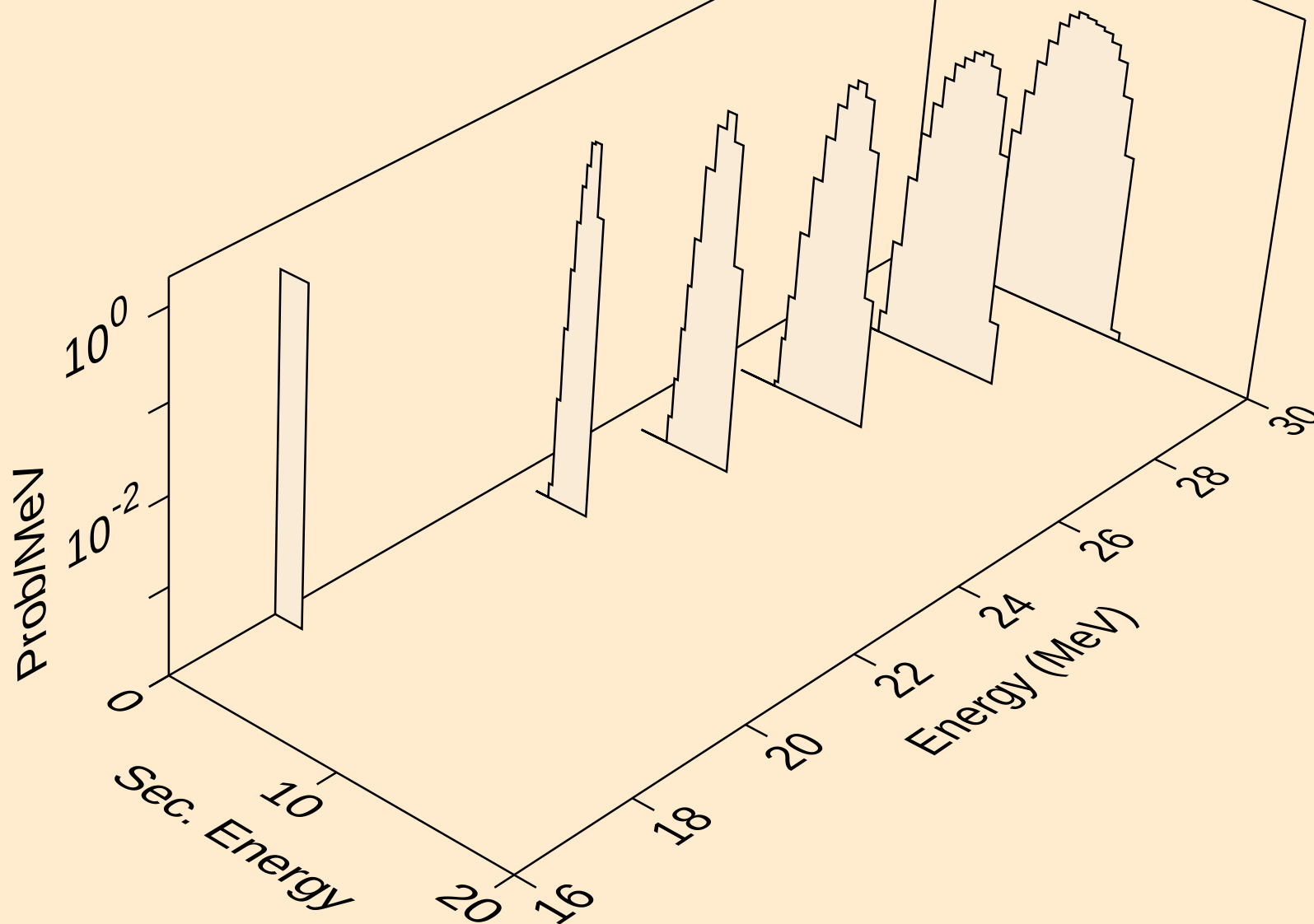
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pt)



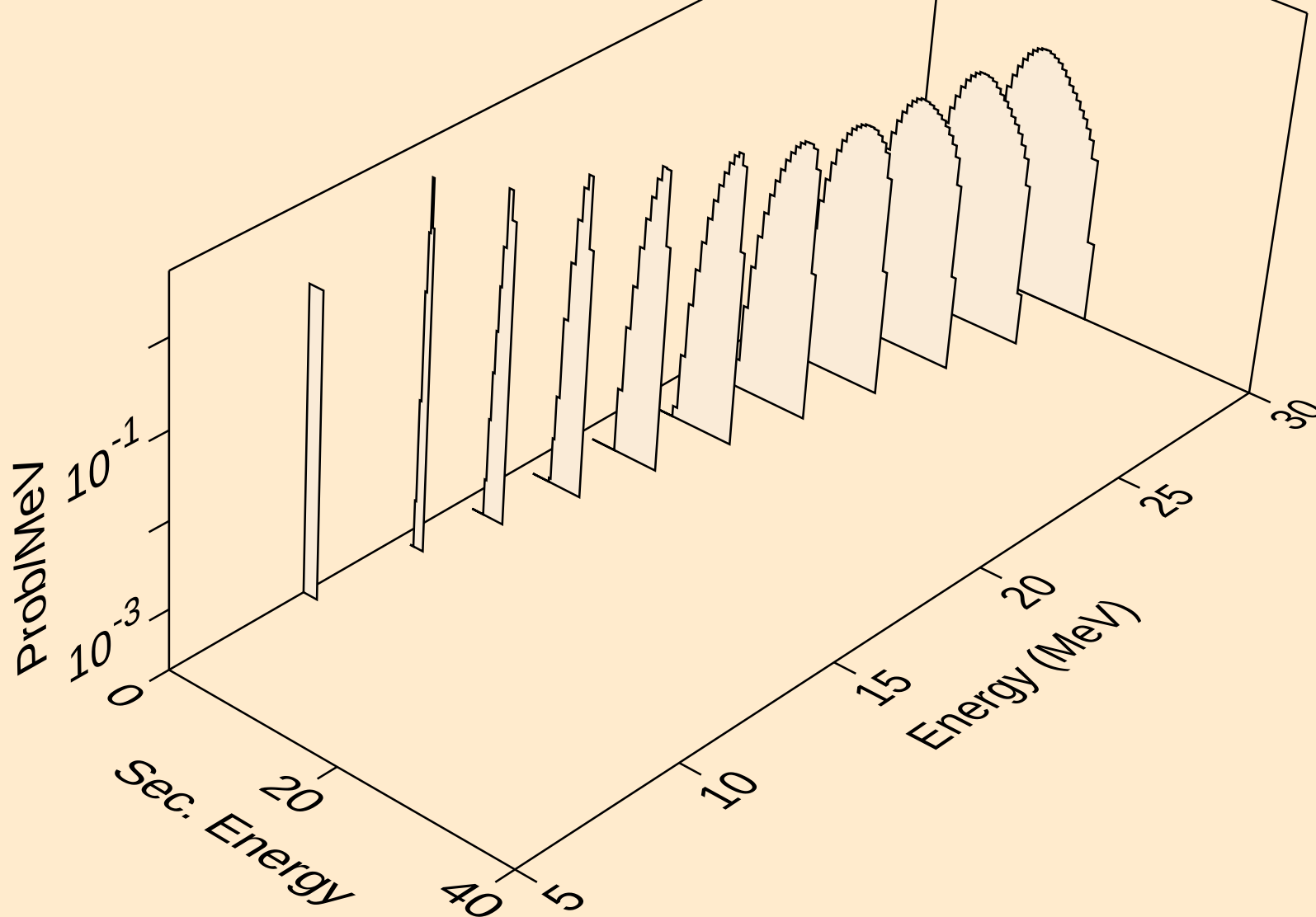
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



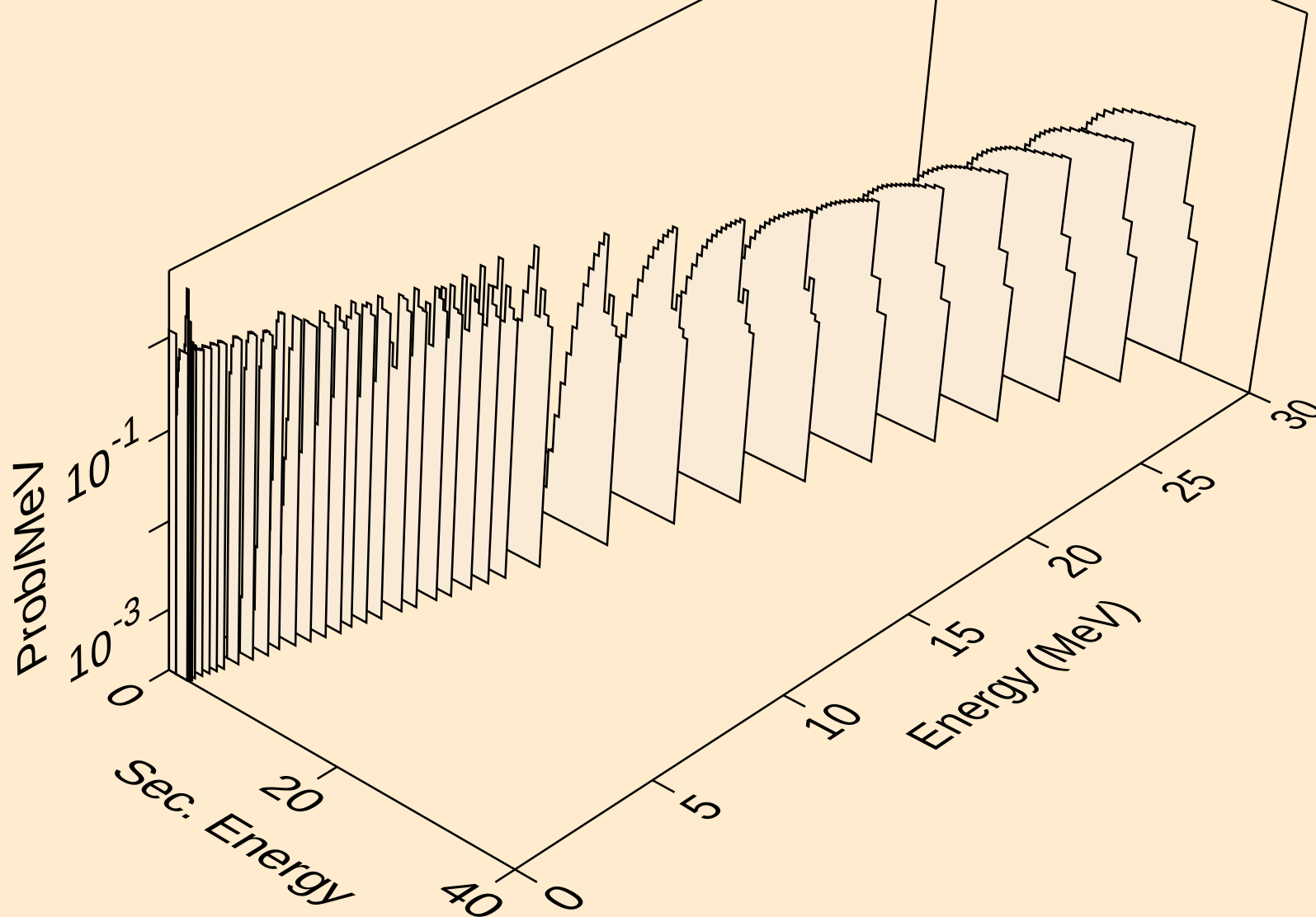
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,2nd)



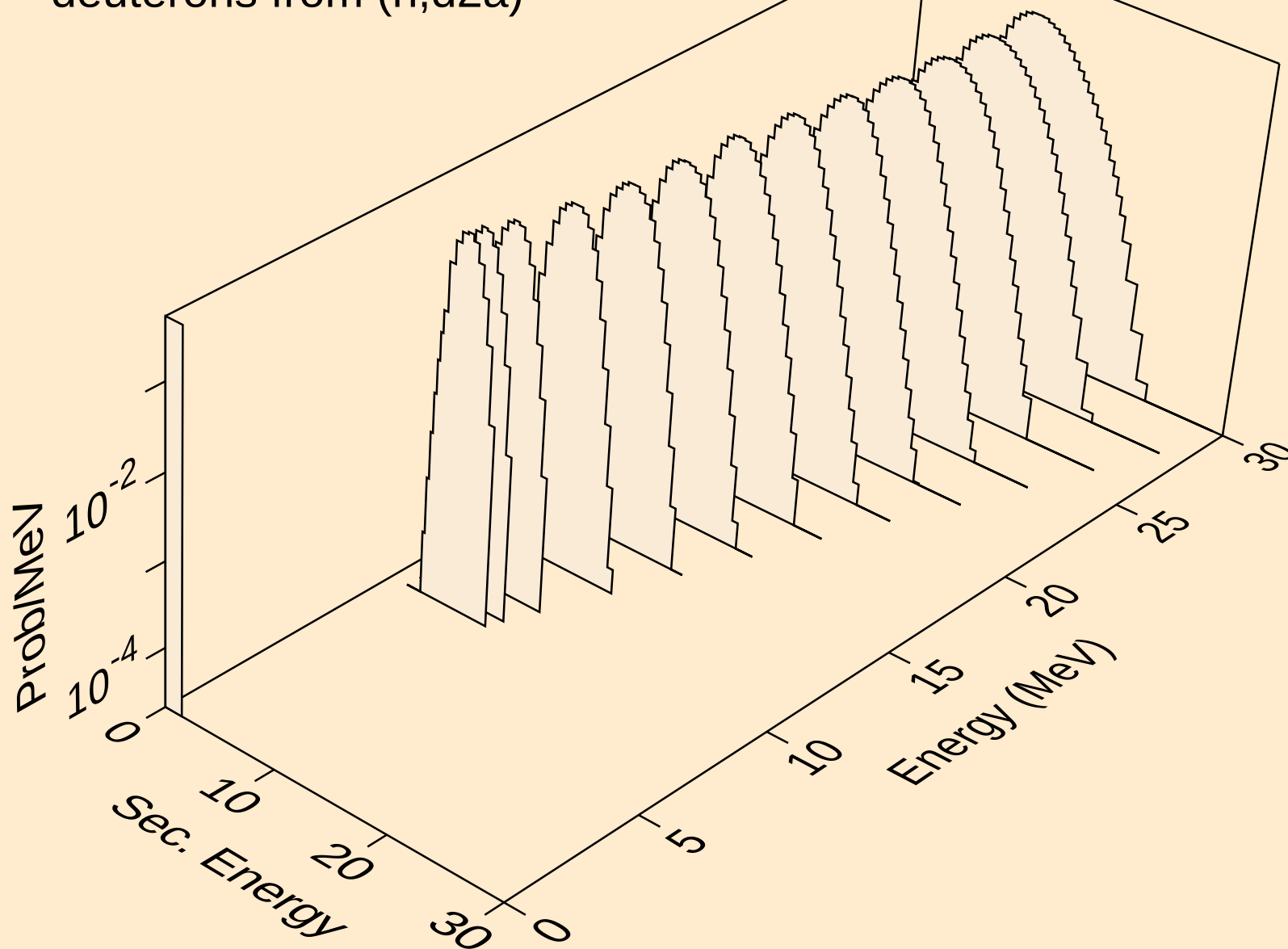
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



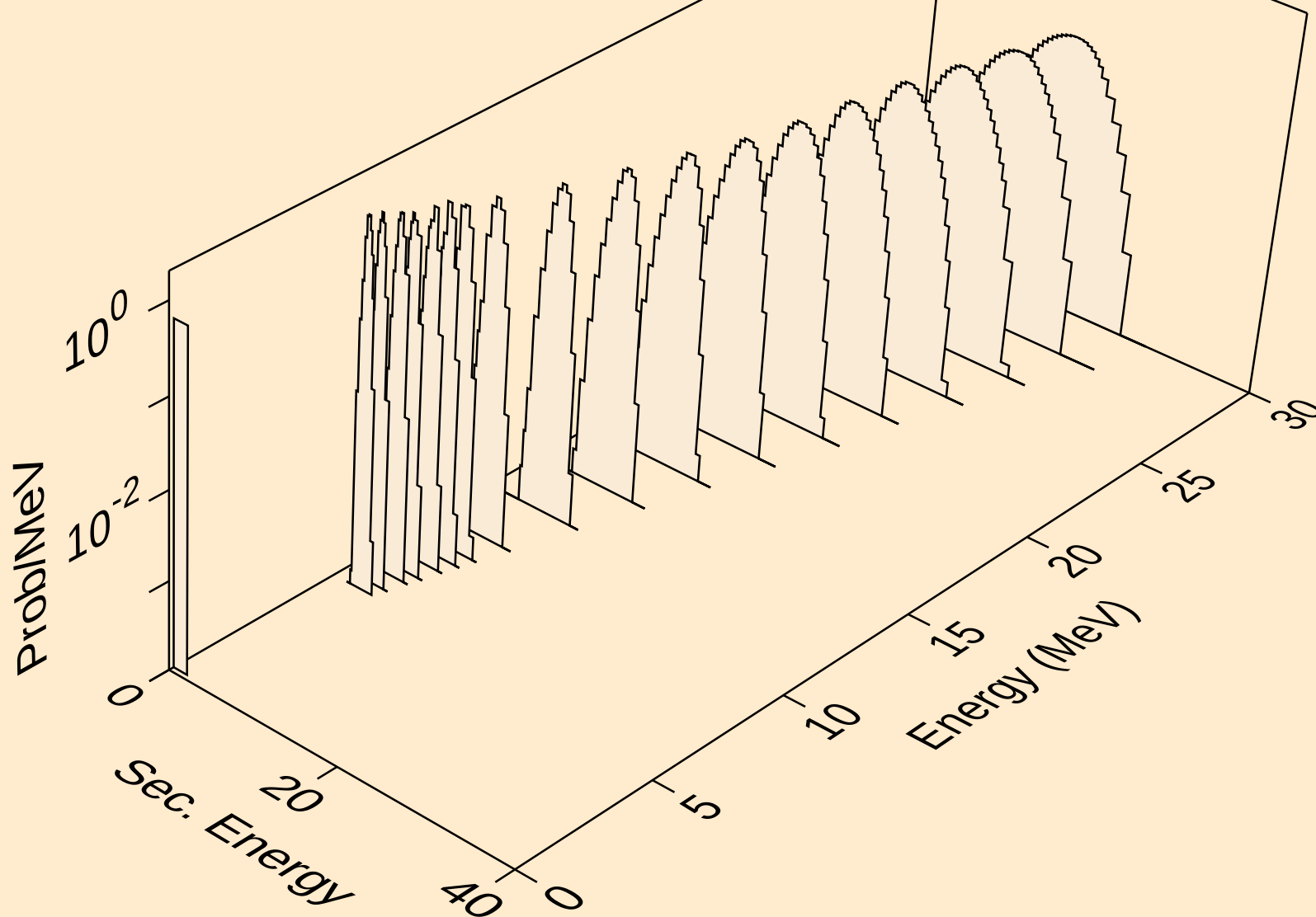
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,d)



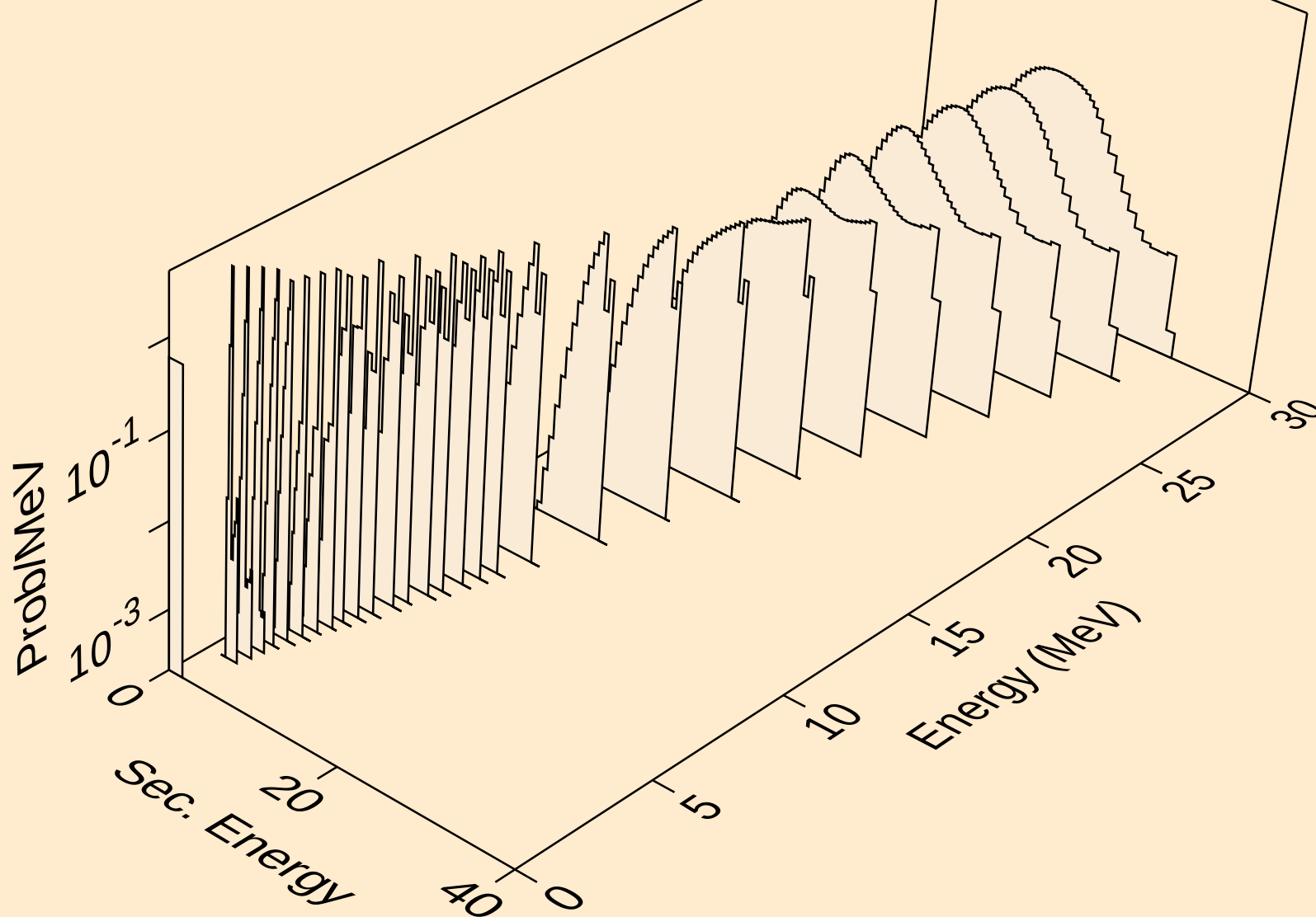
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,d2a)



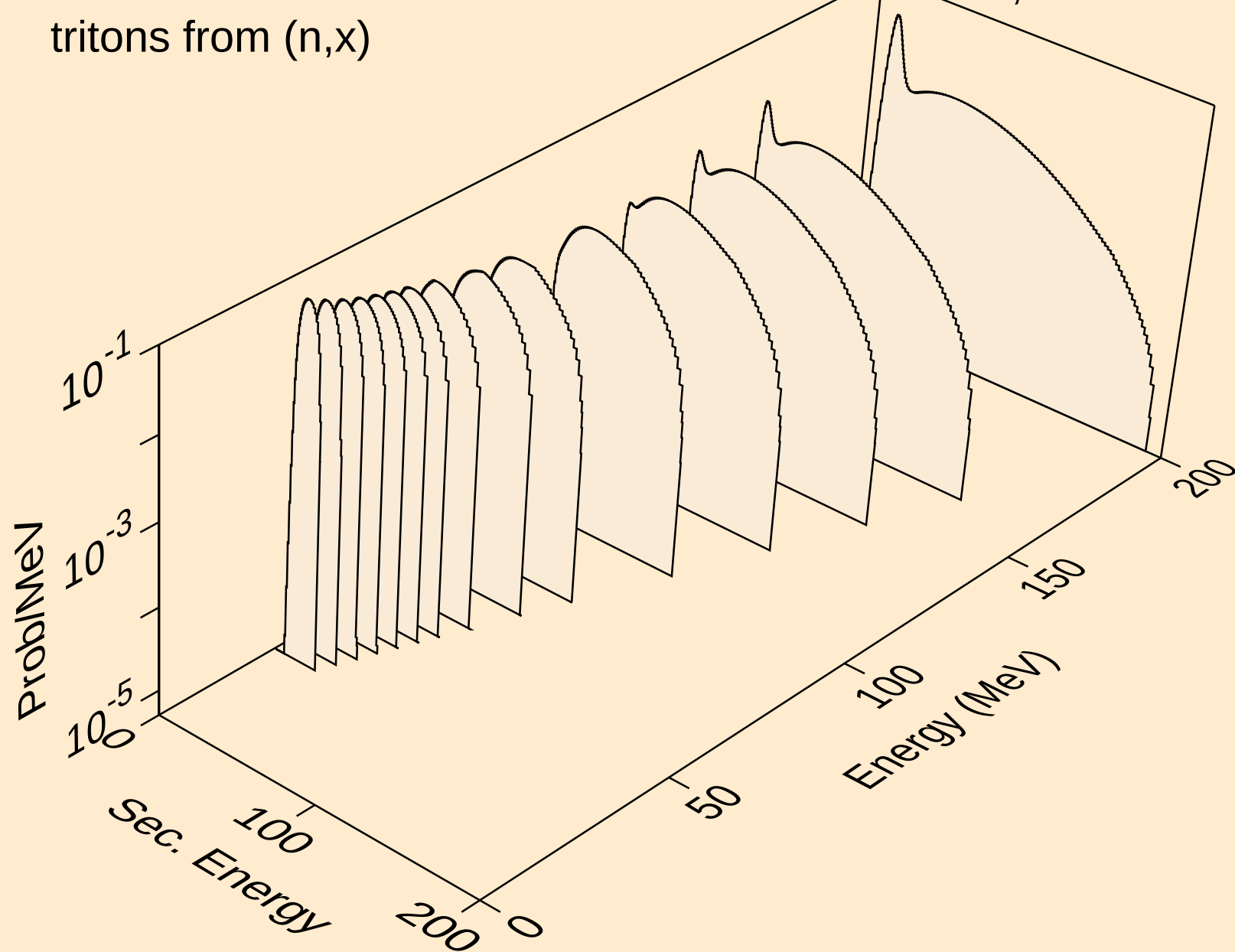
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,pd)



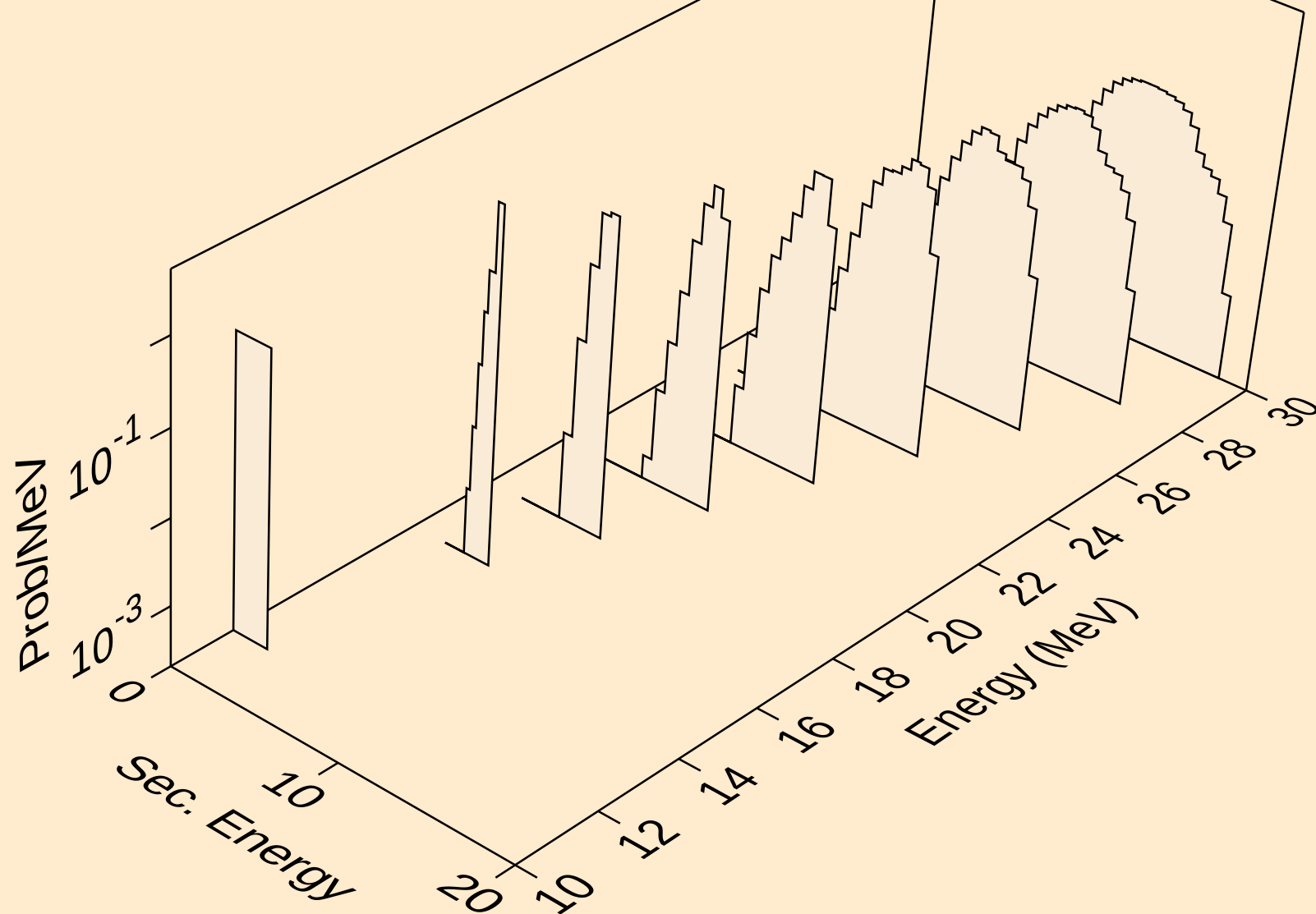
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,da)



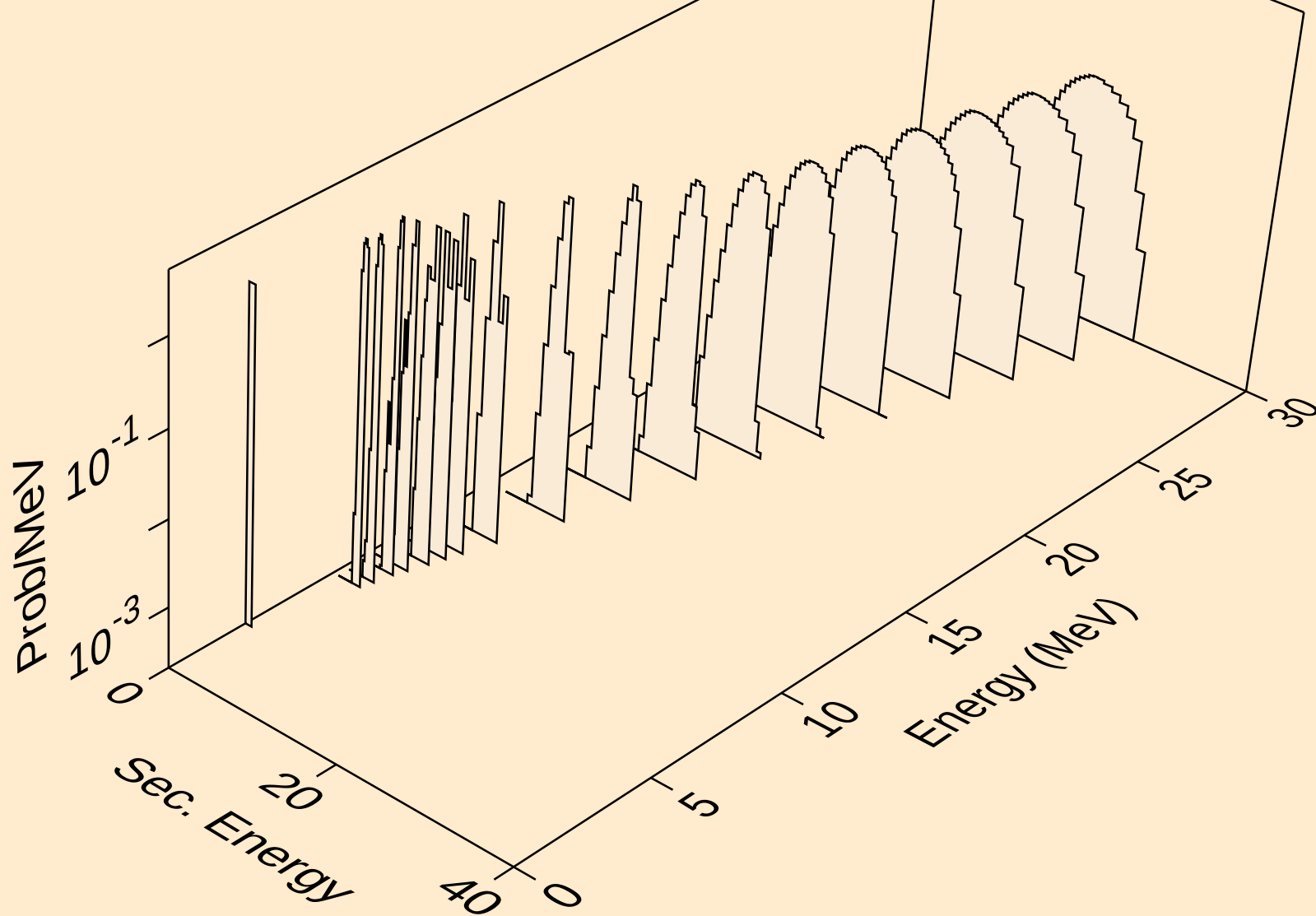
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



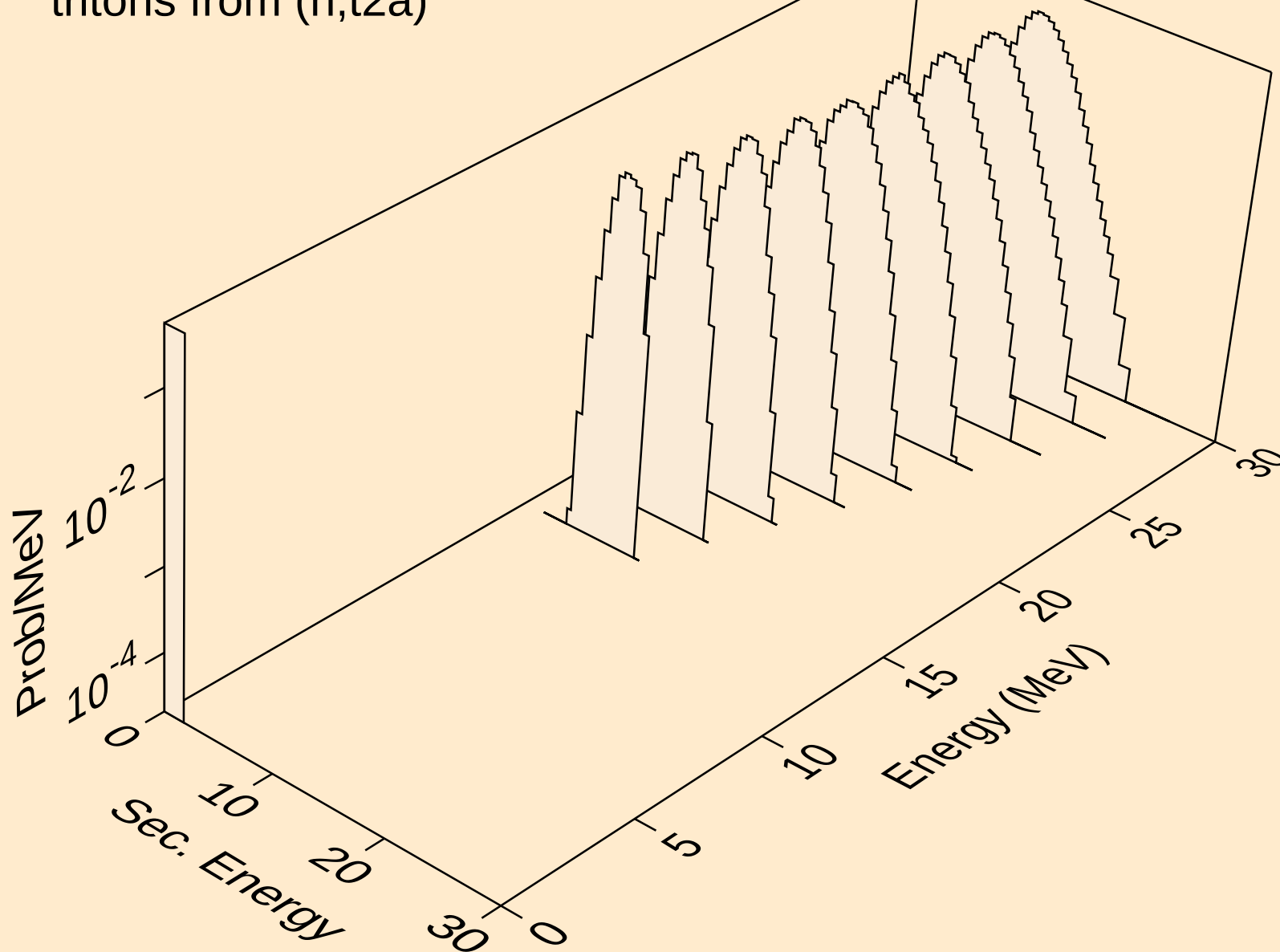
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



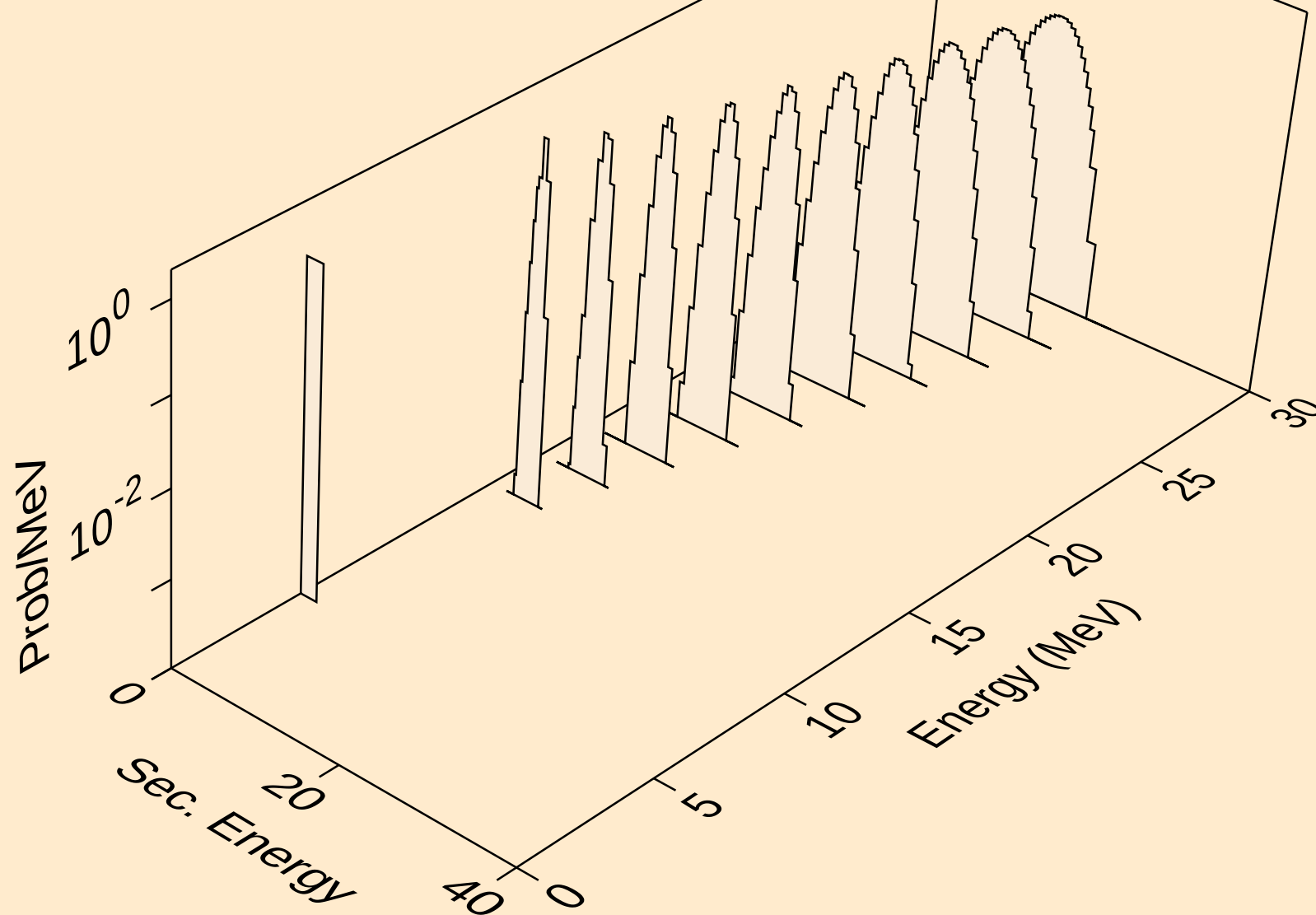
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,t)



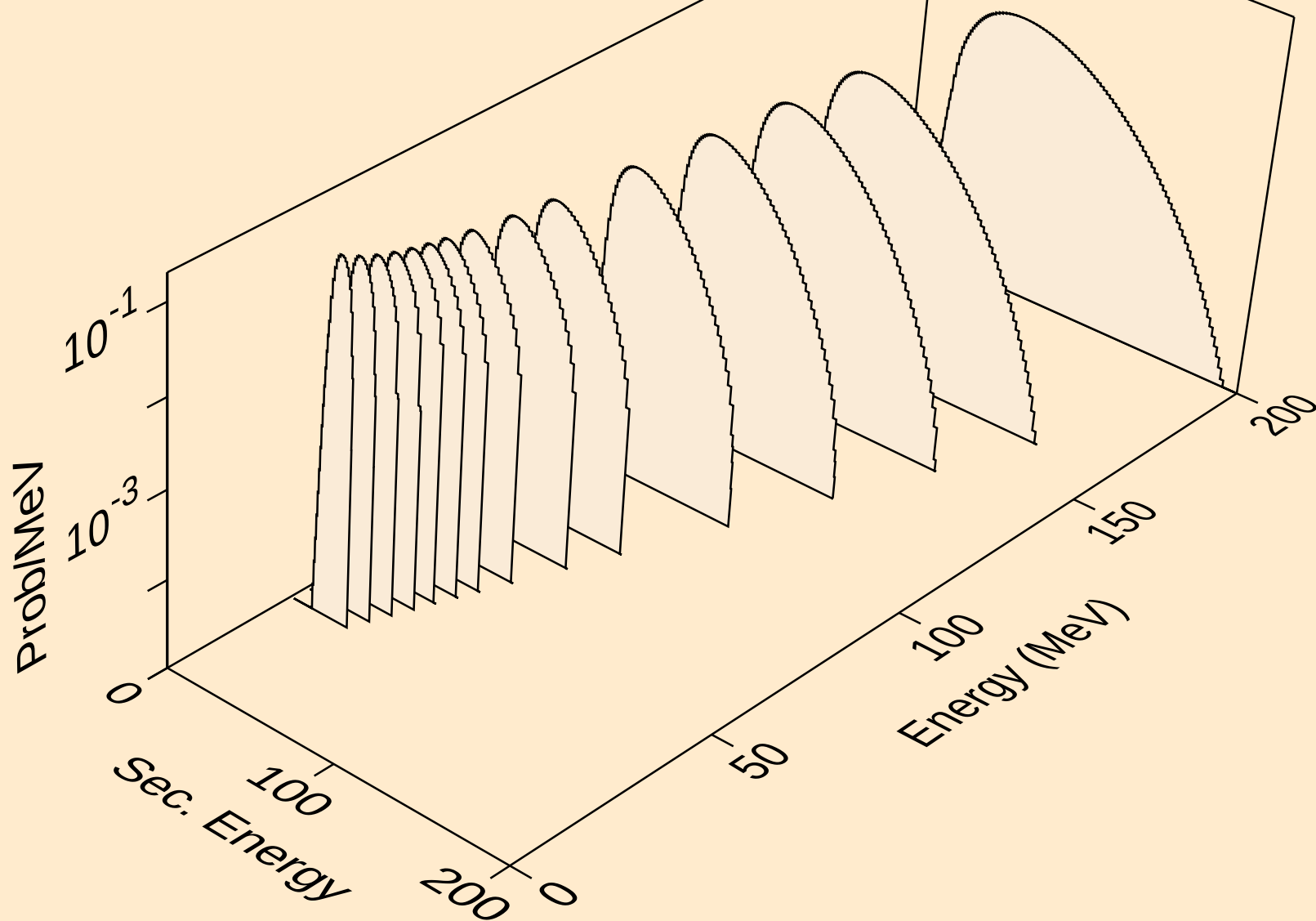
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,t2a)



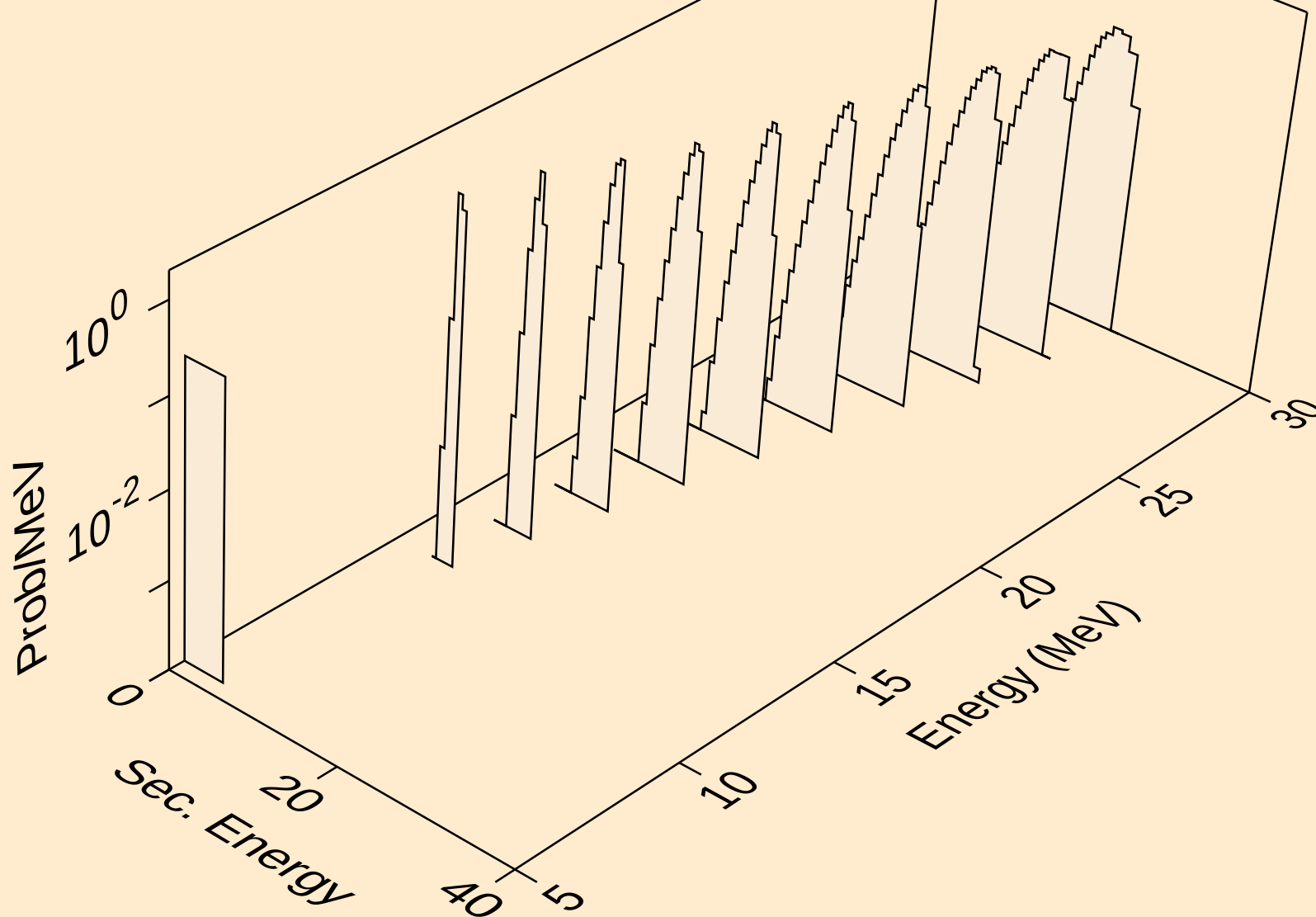
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,pt)



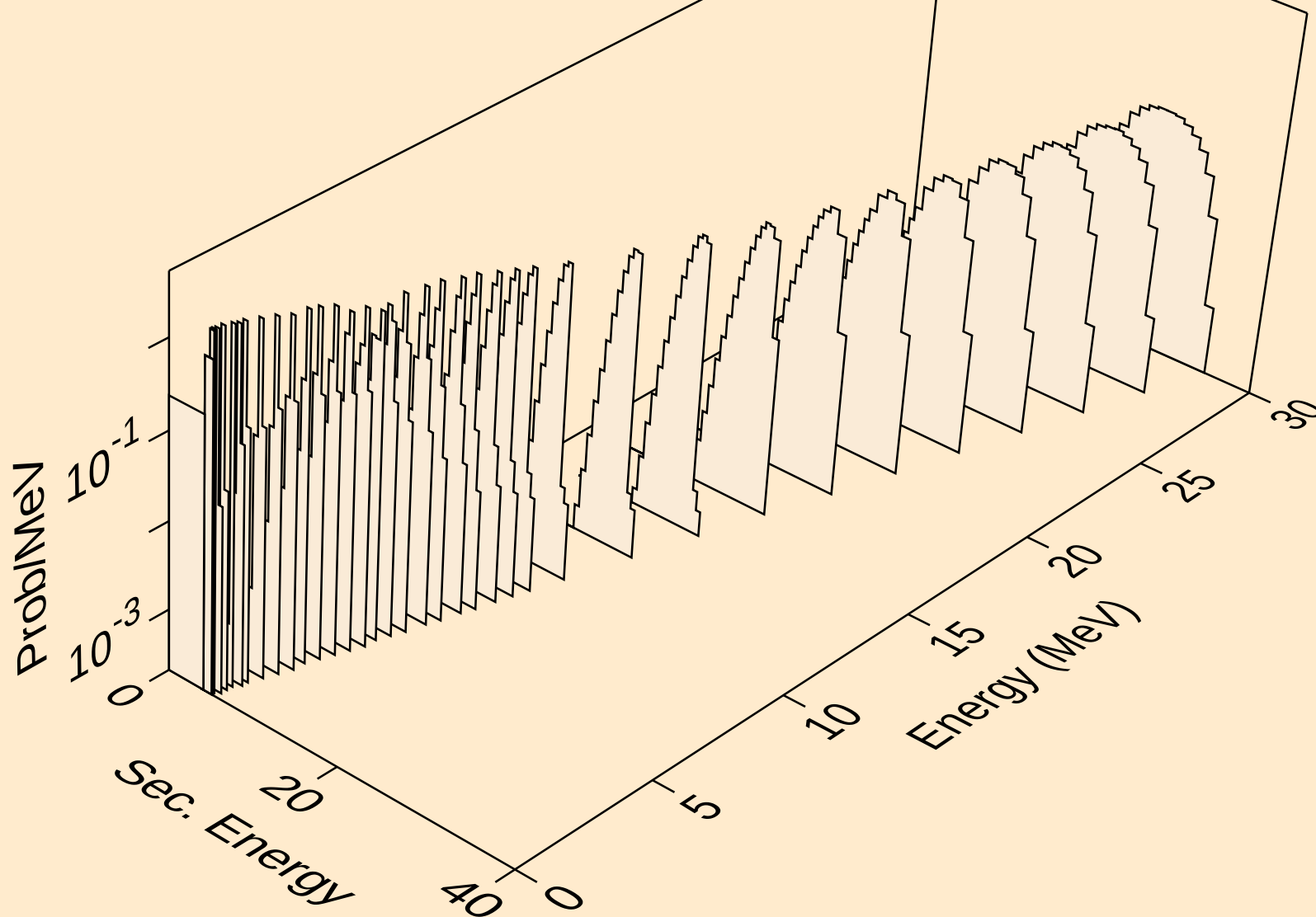
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



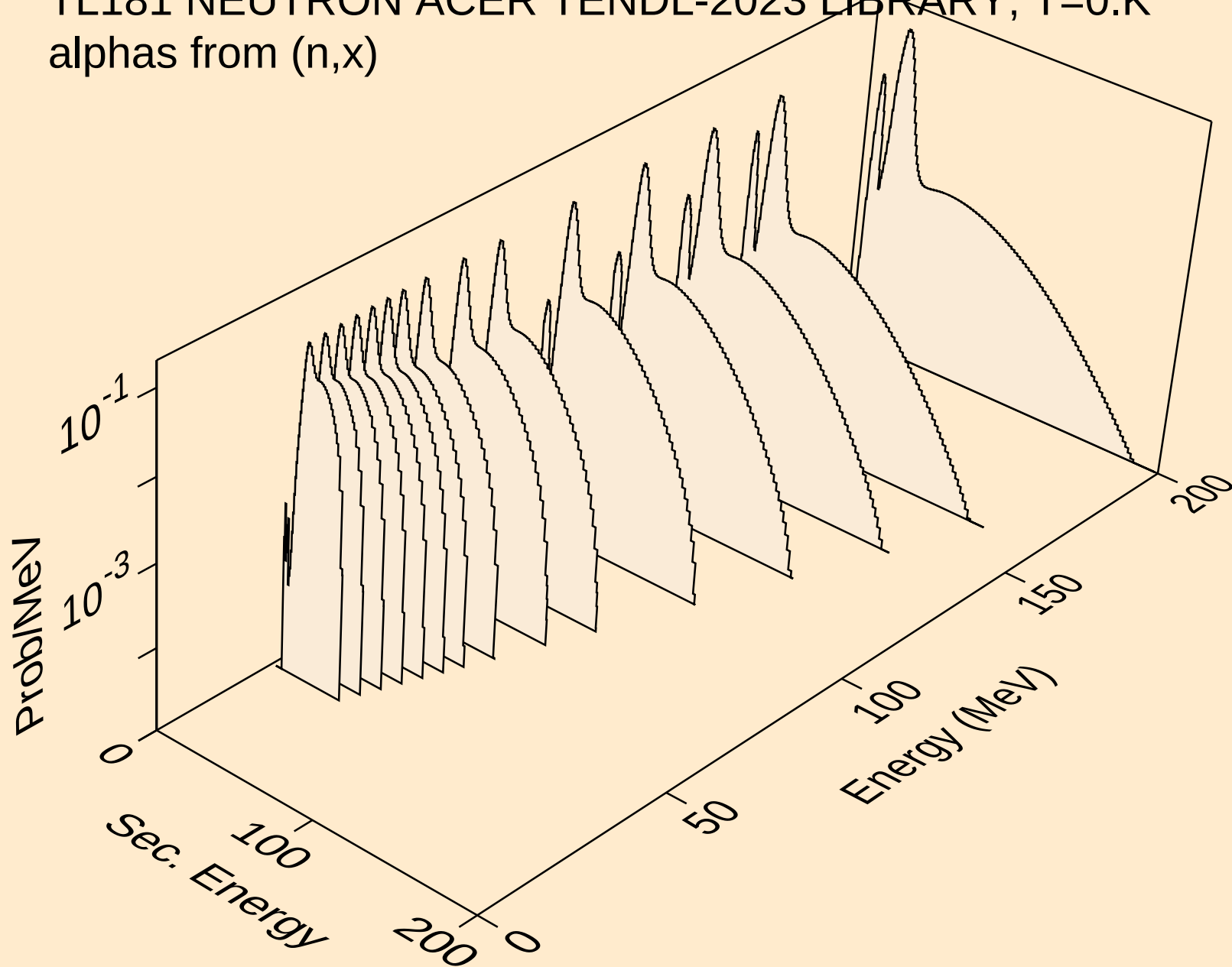
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,n*)he3



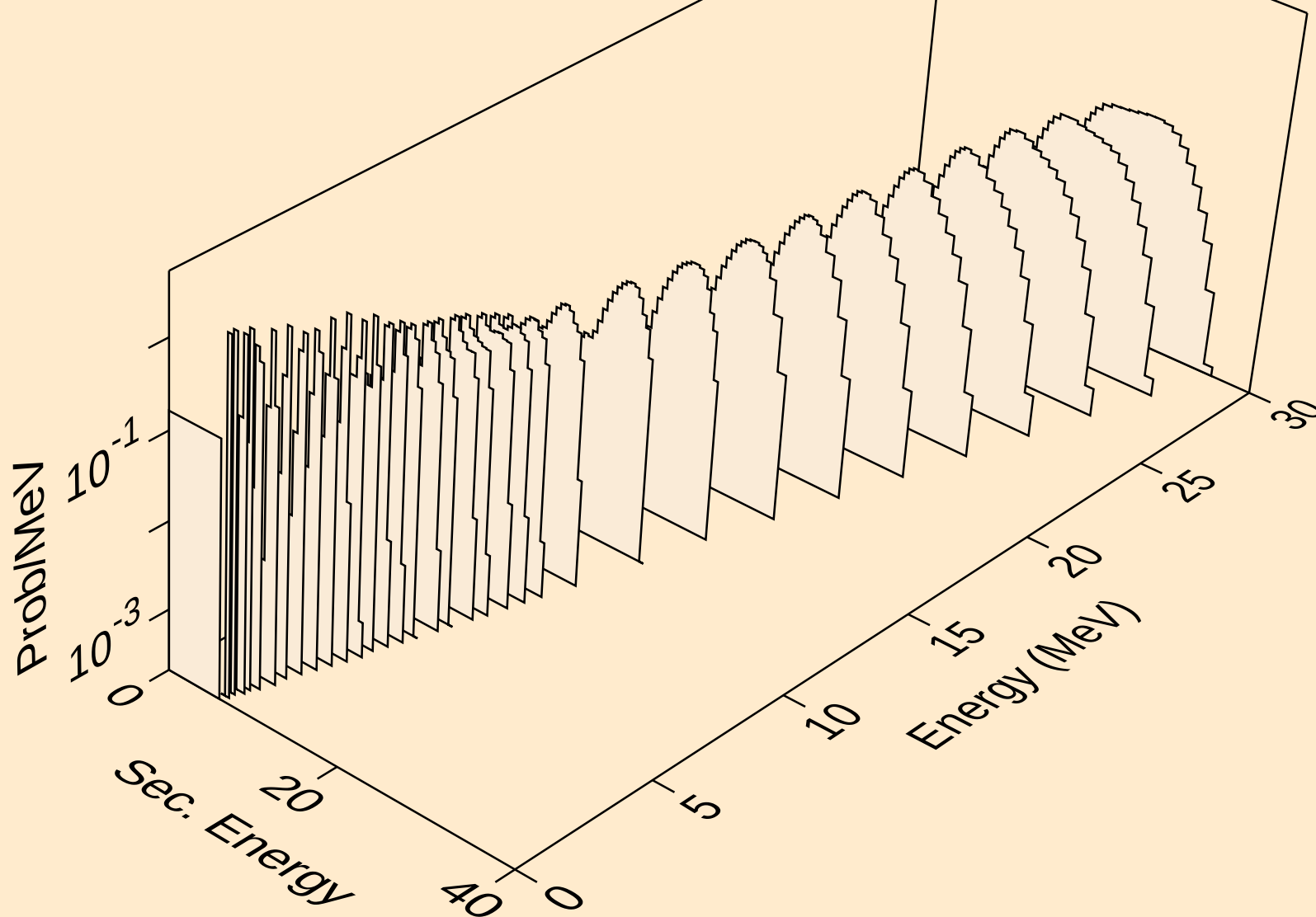
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,he3)



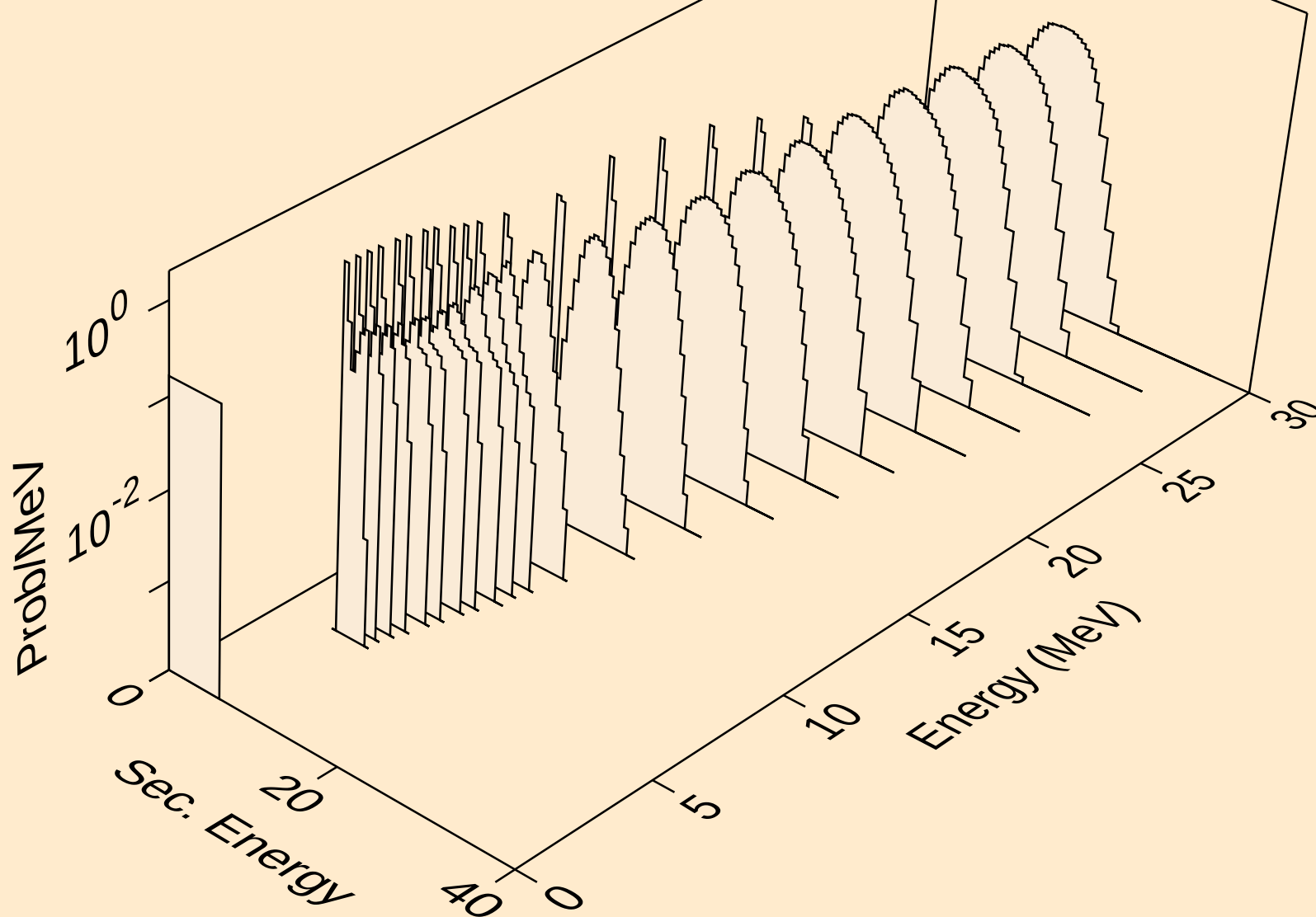
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



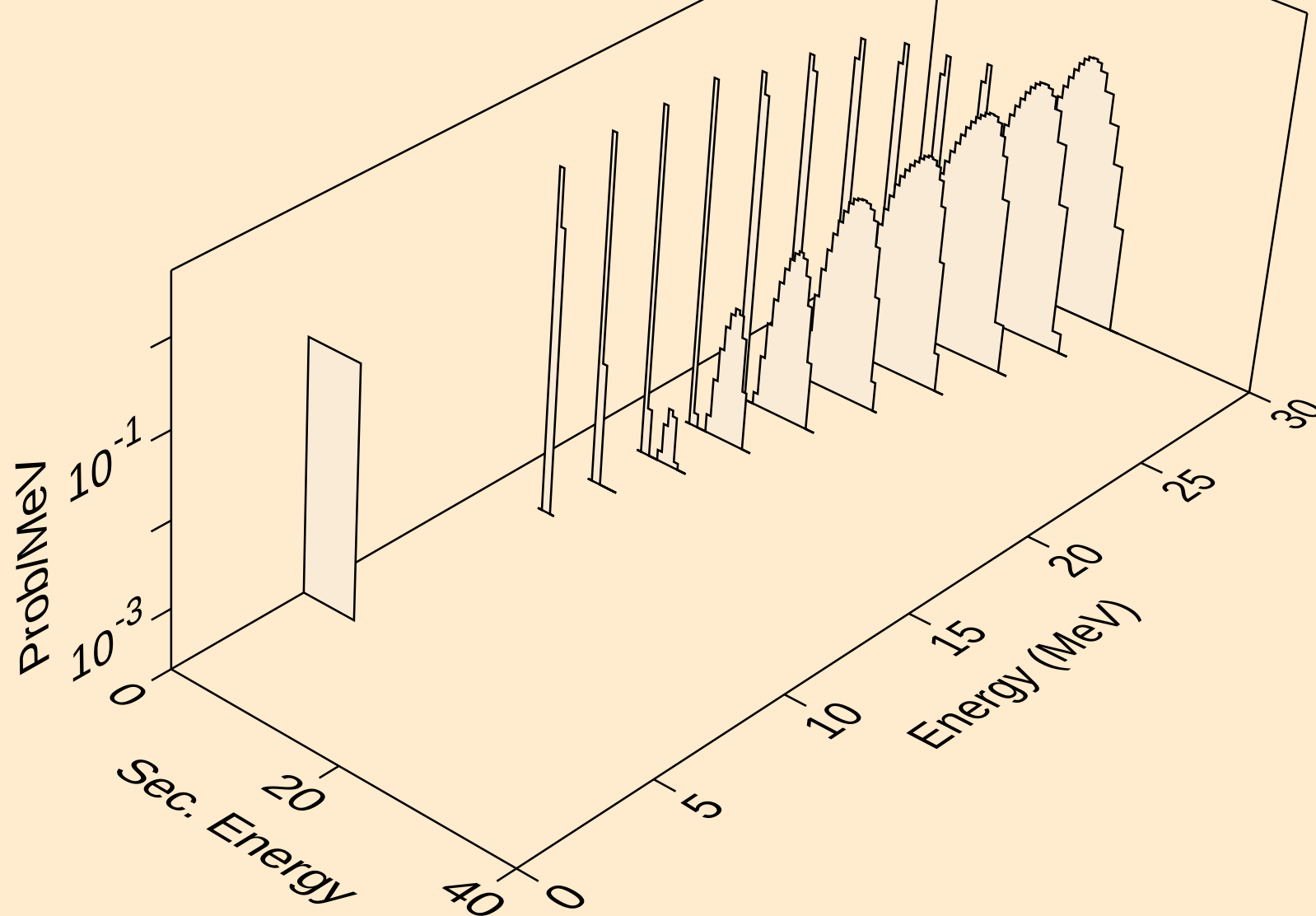
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



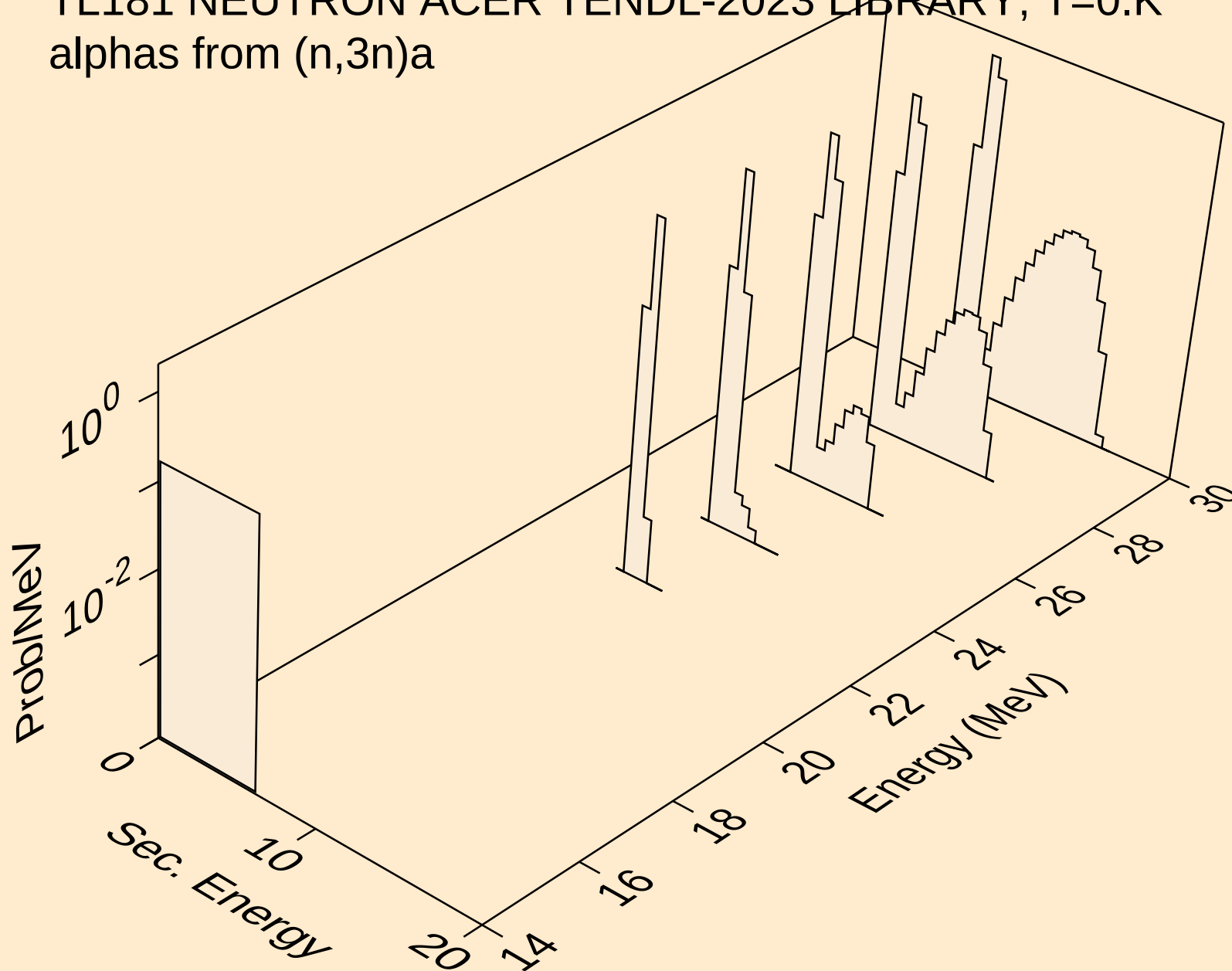
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)3a



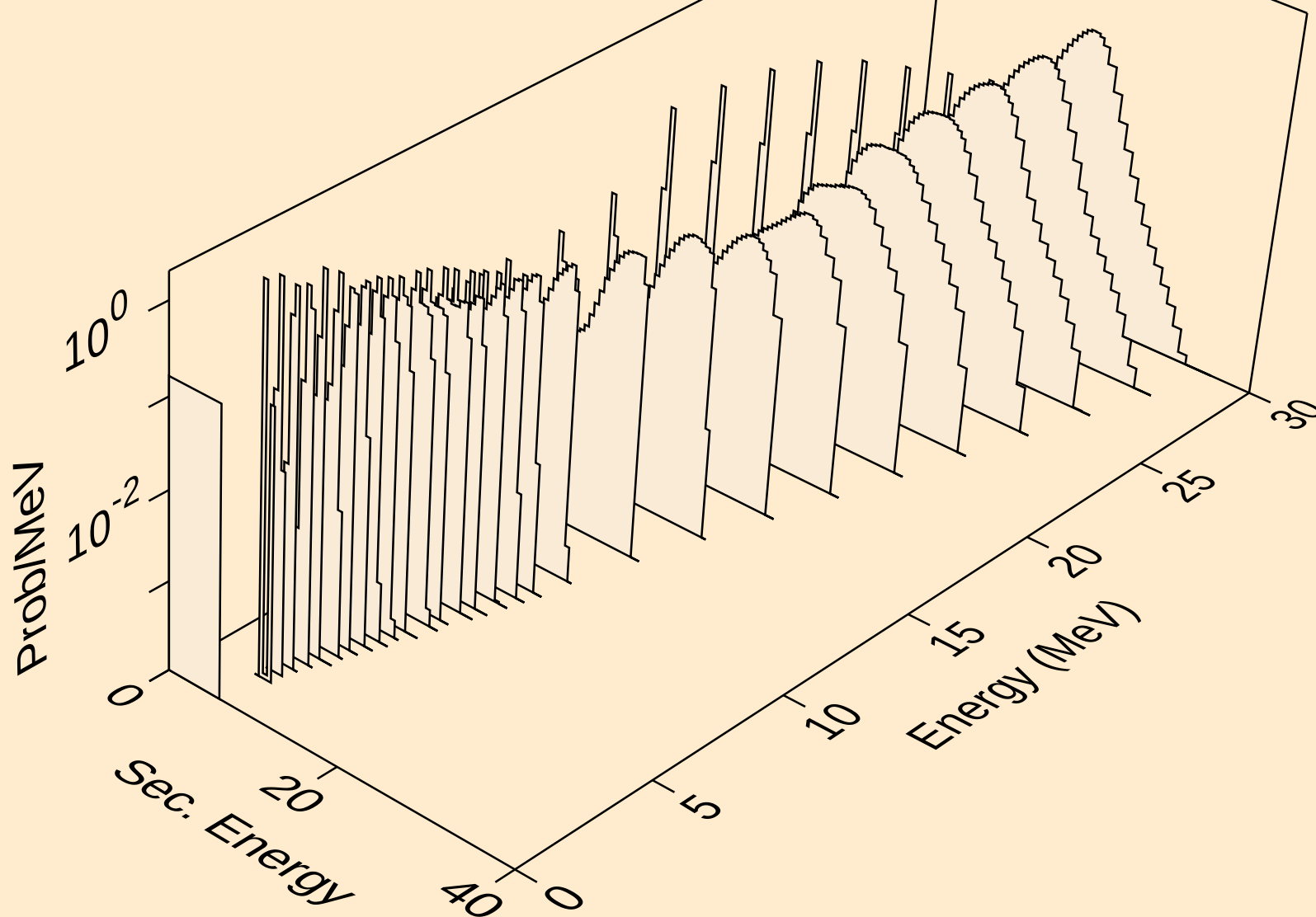
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



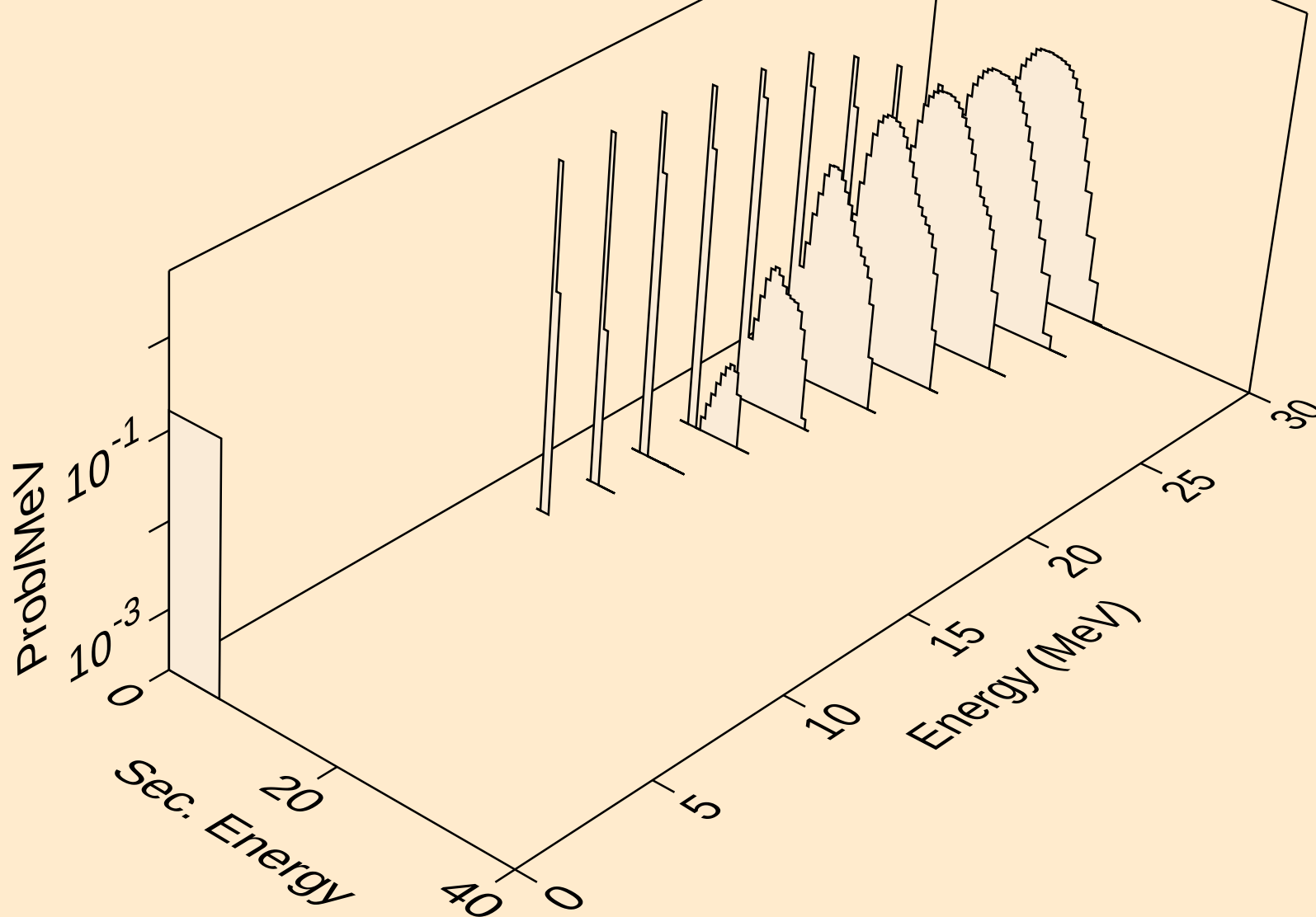
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



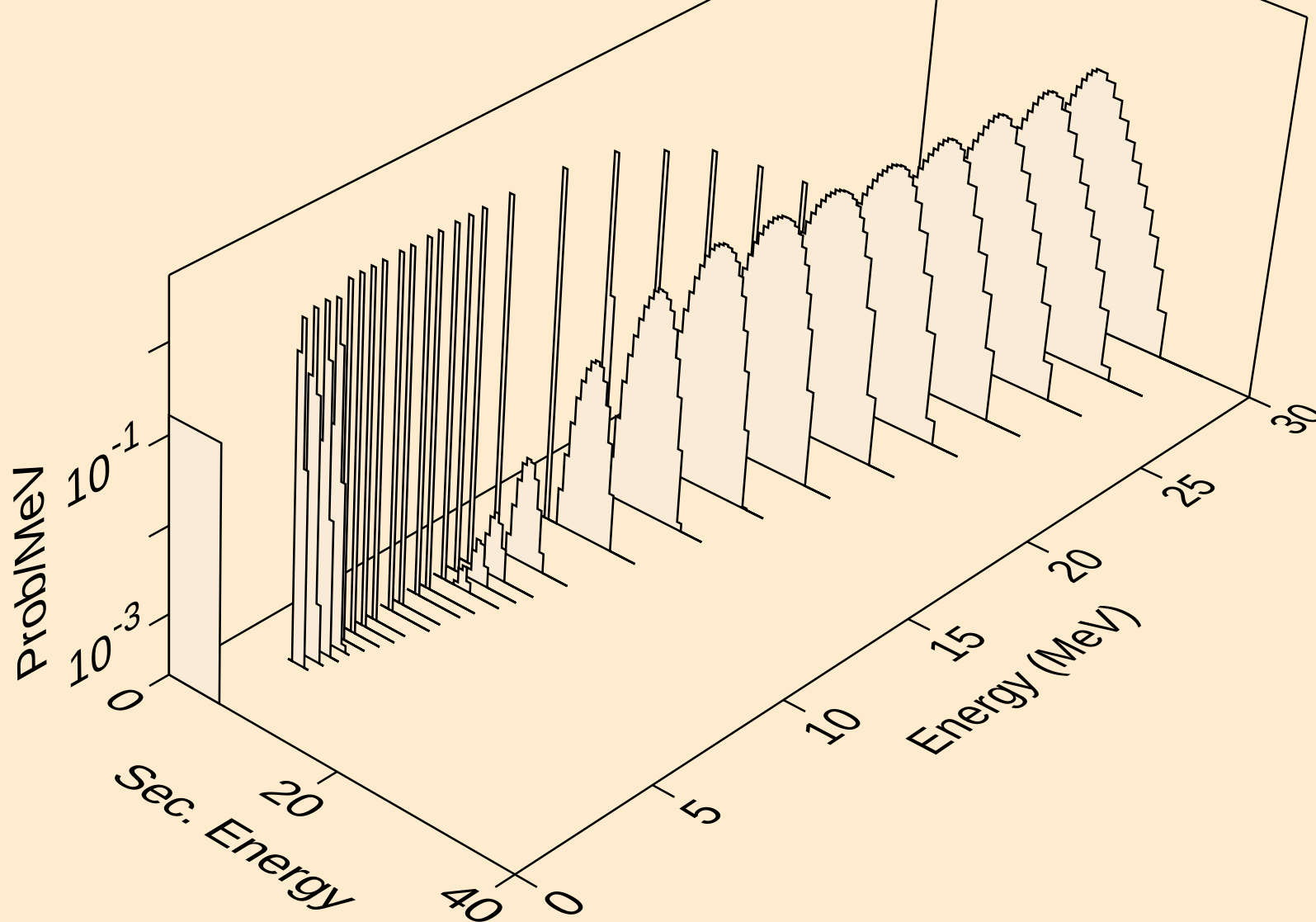
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)2a



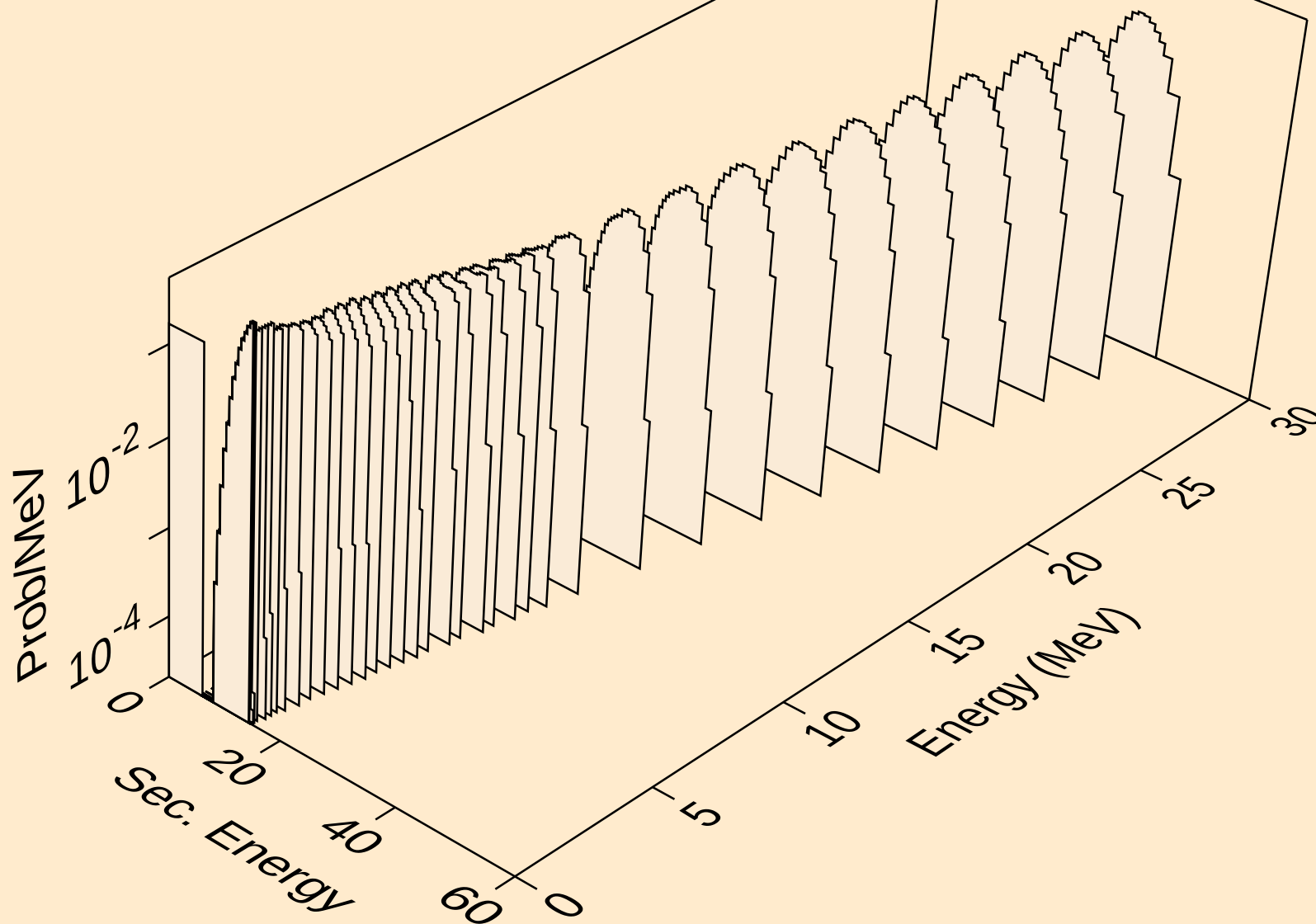
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)2a



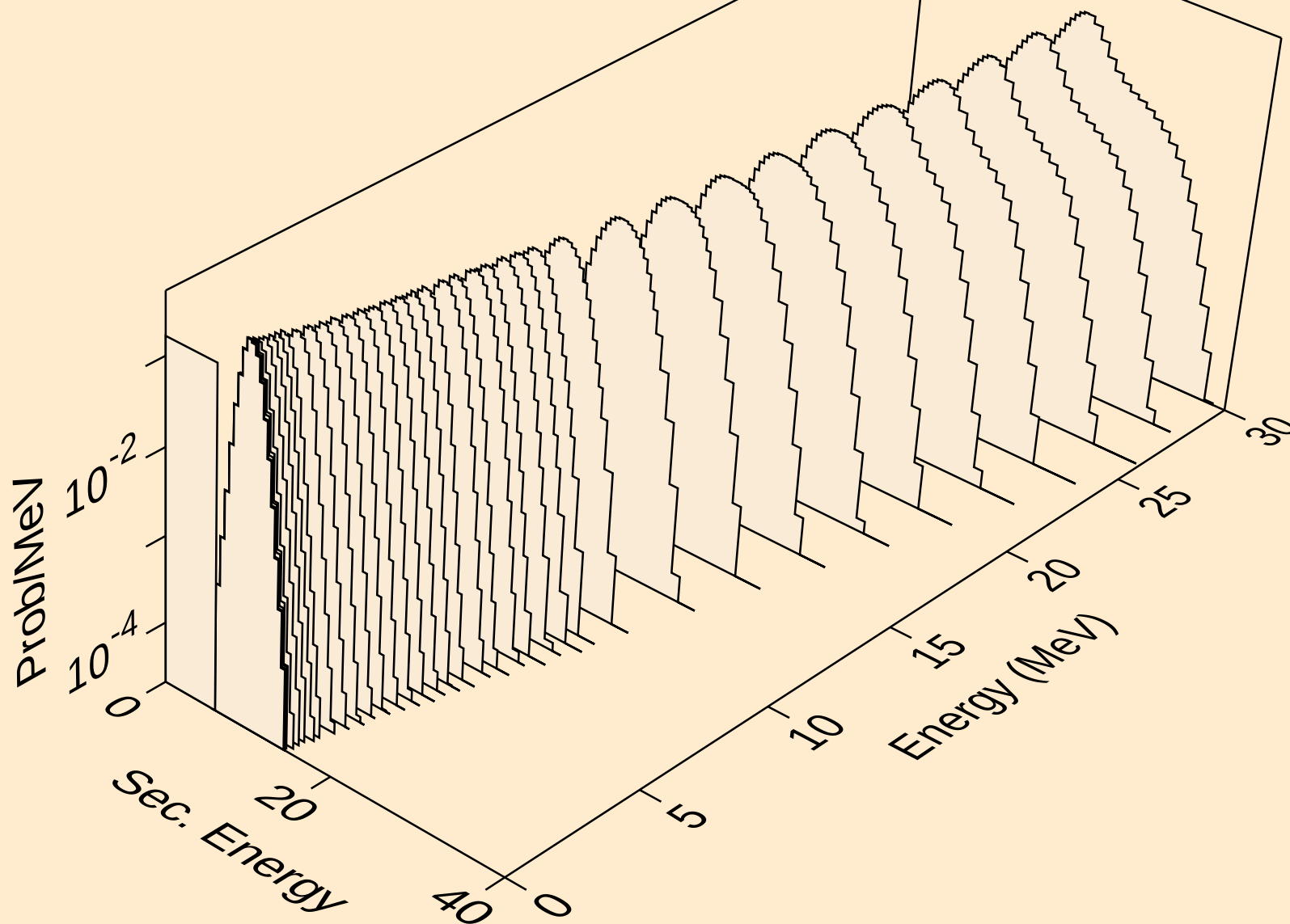
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,npa)



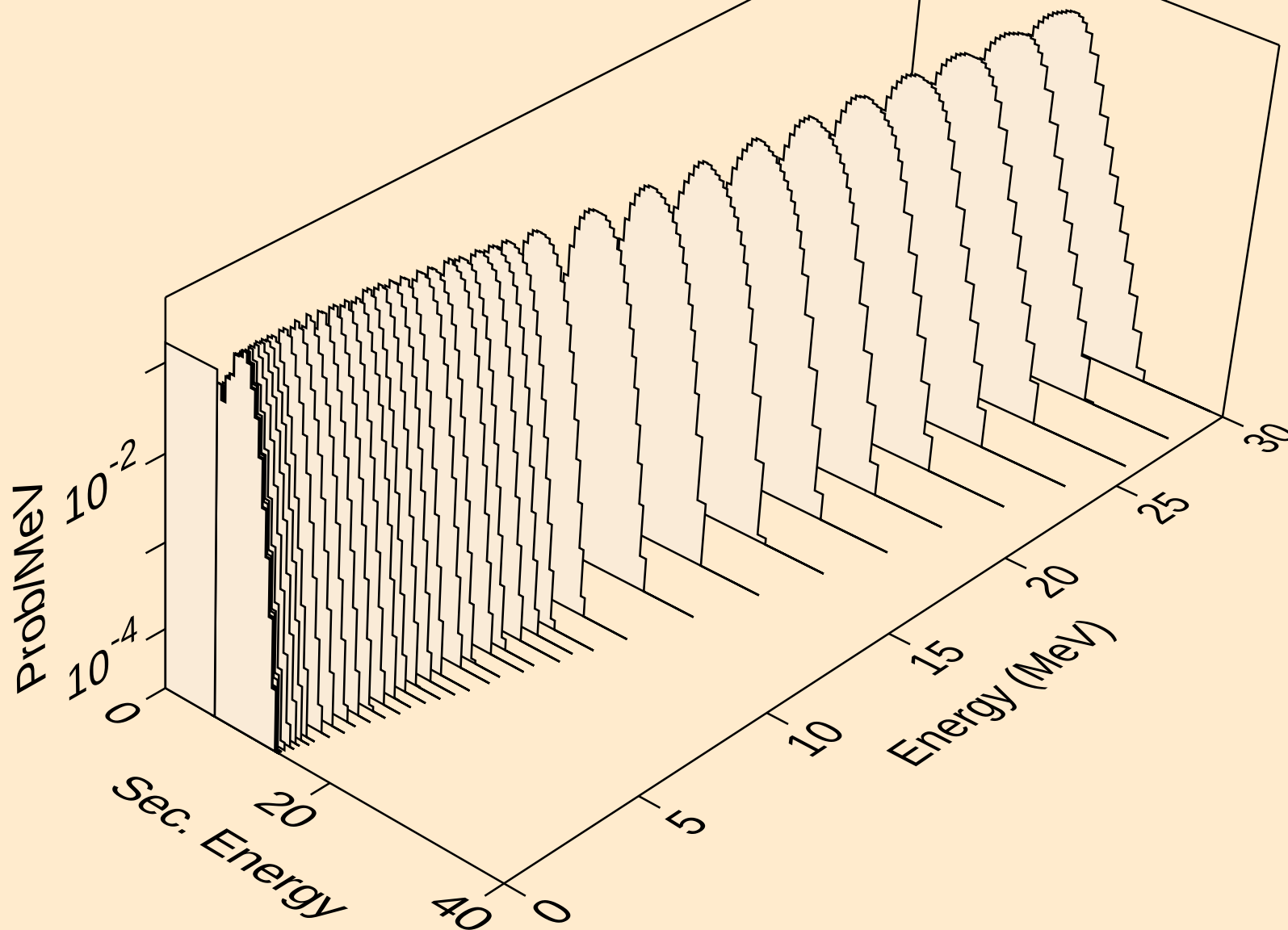
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



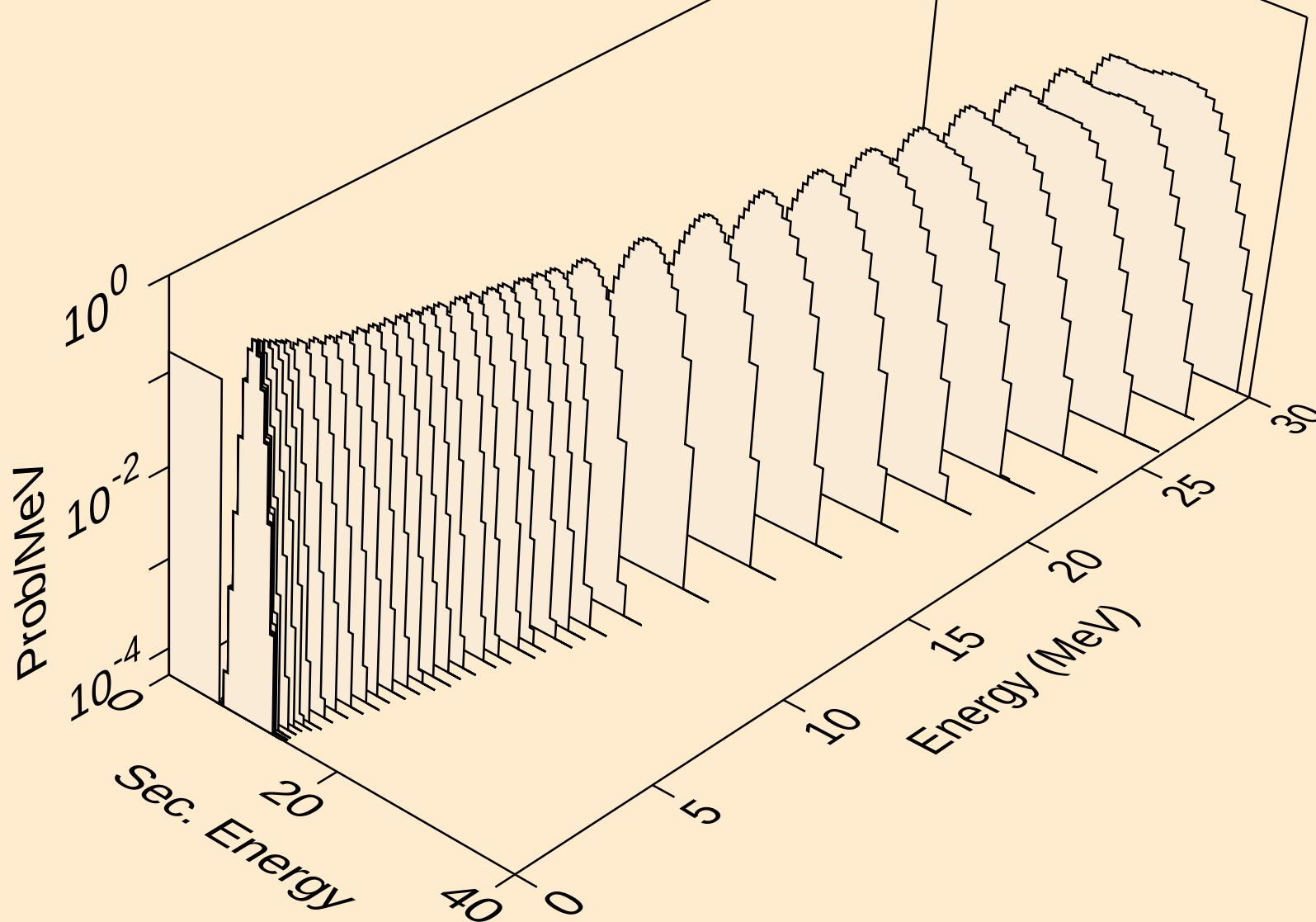
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



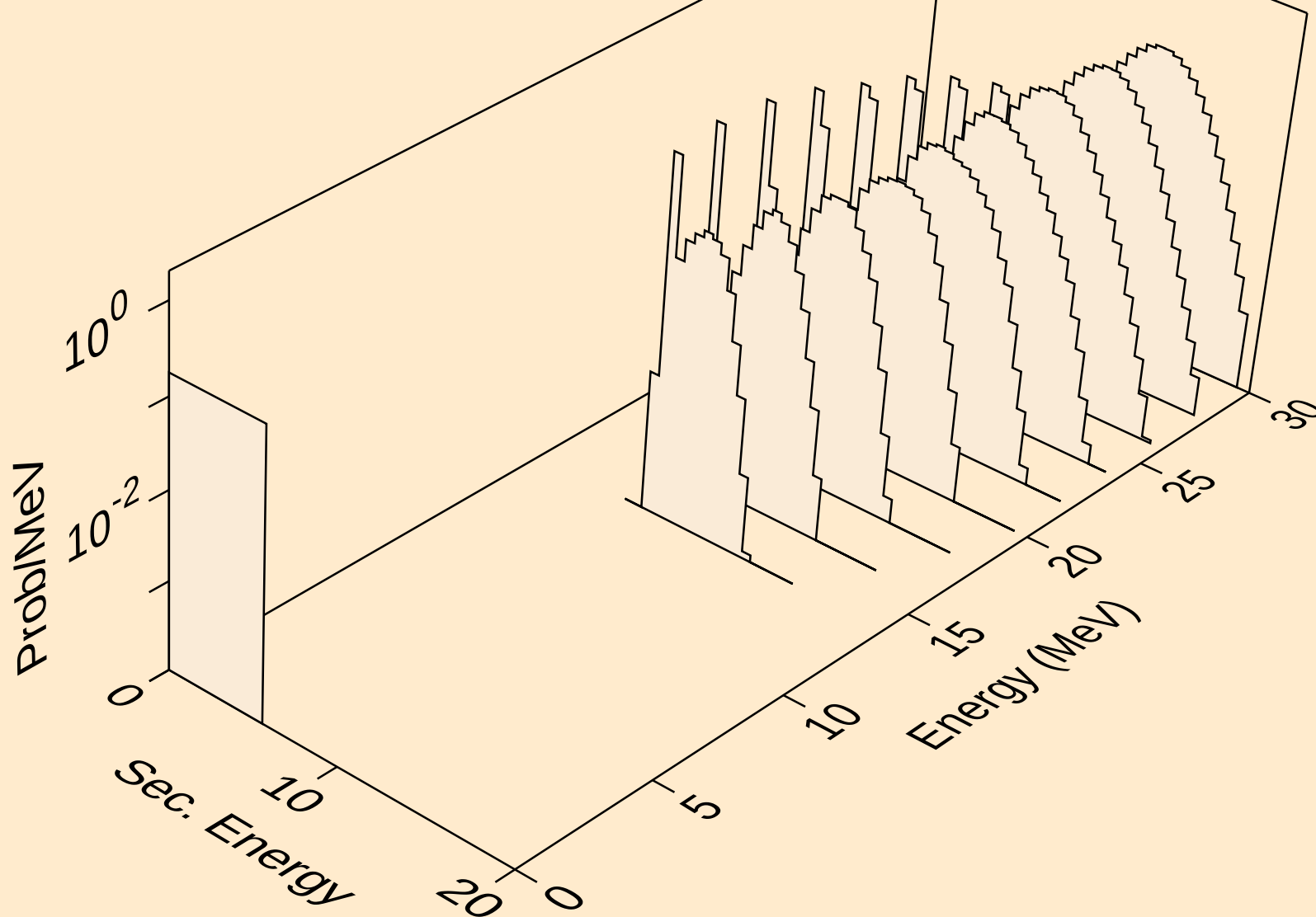
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3a)



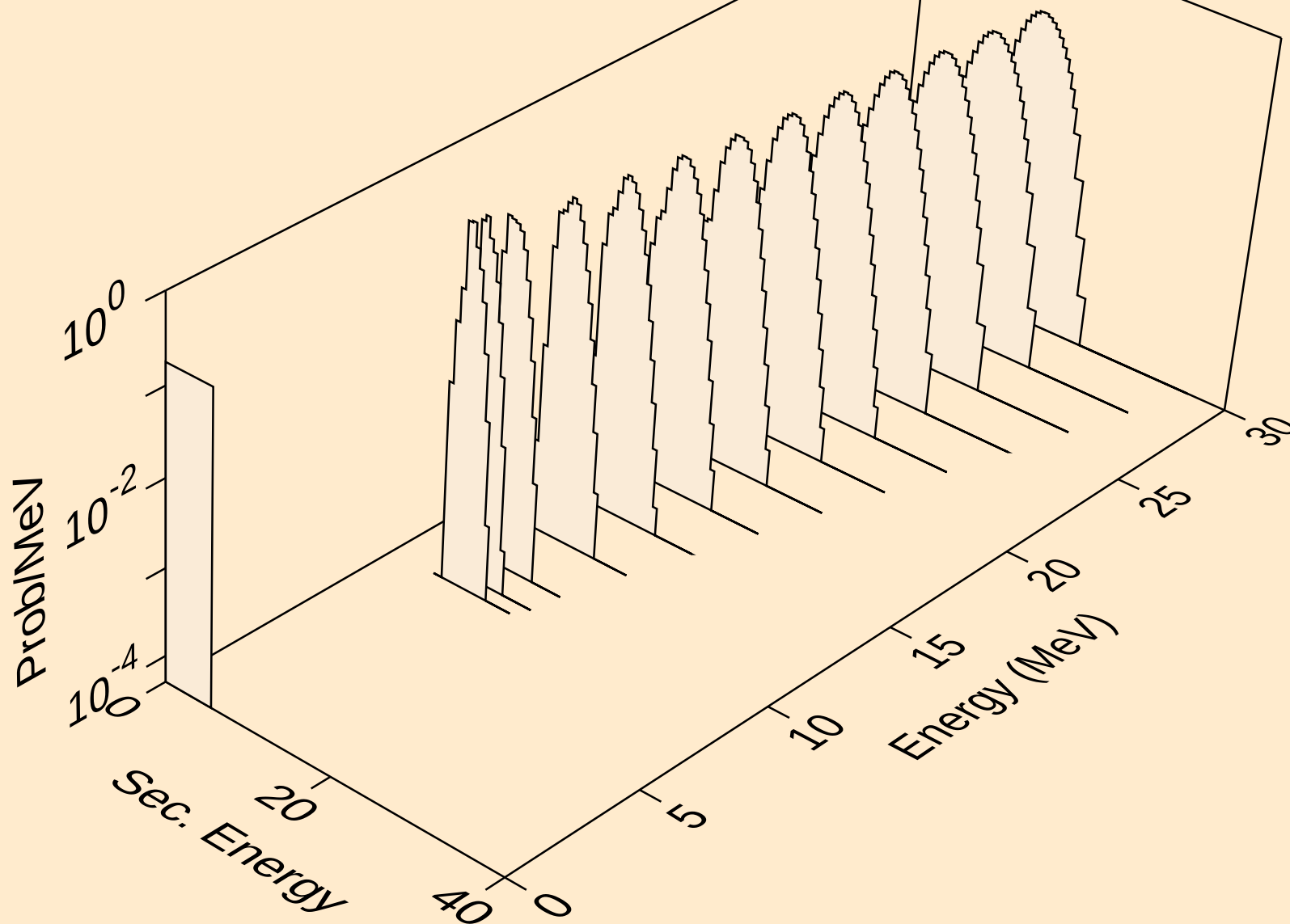
TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)



TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,t2a)



TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,d2a)



TL181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

