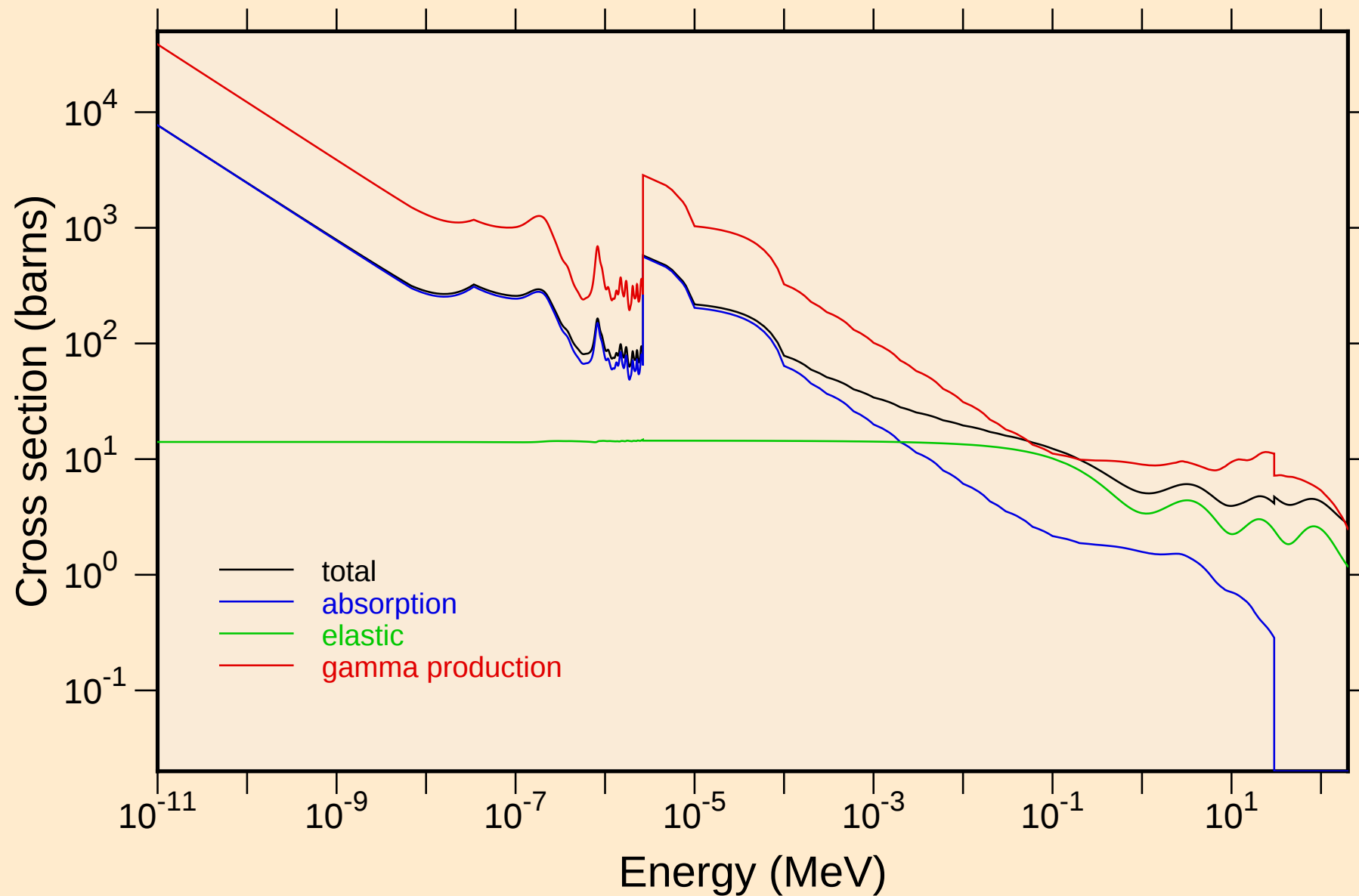


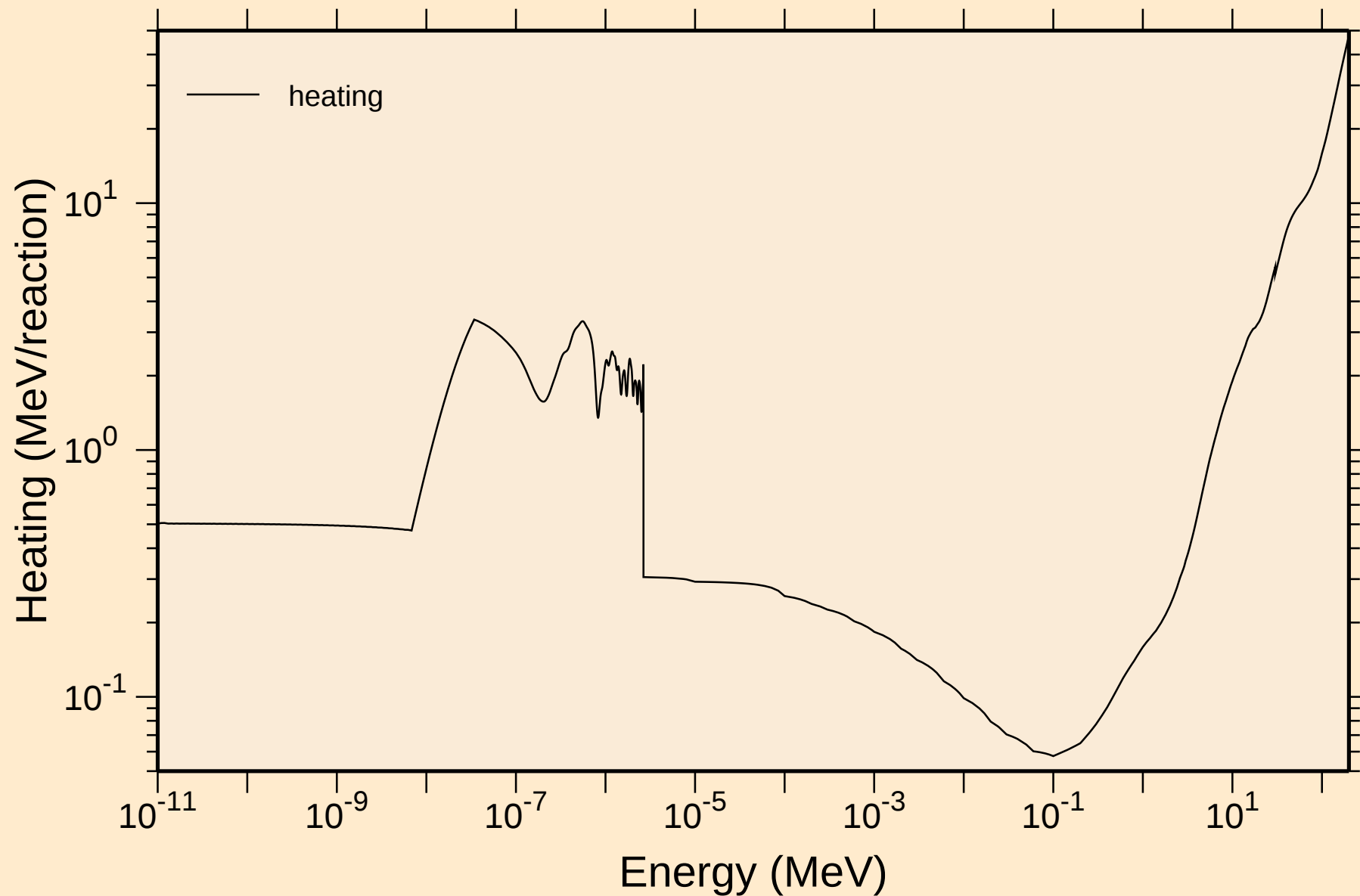
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



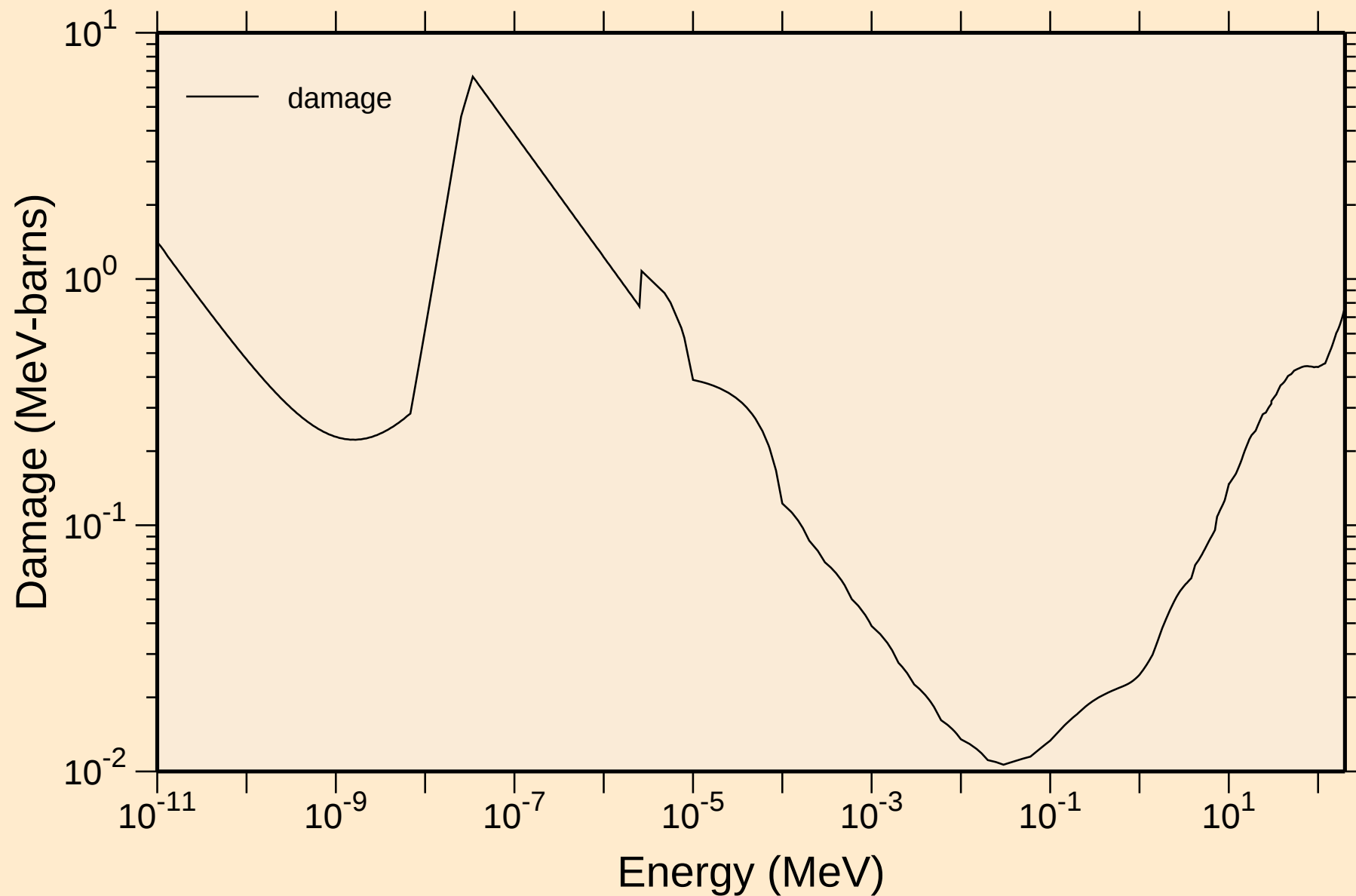
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating



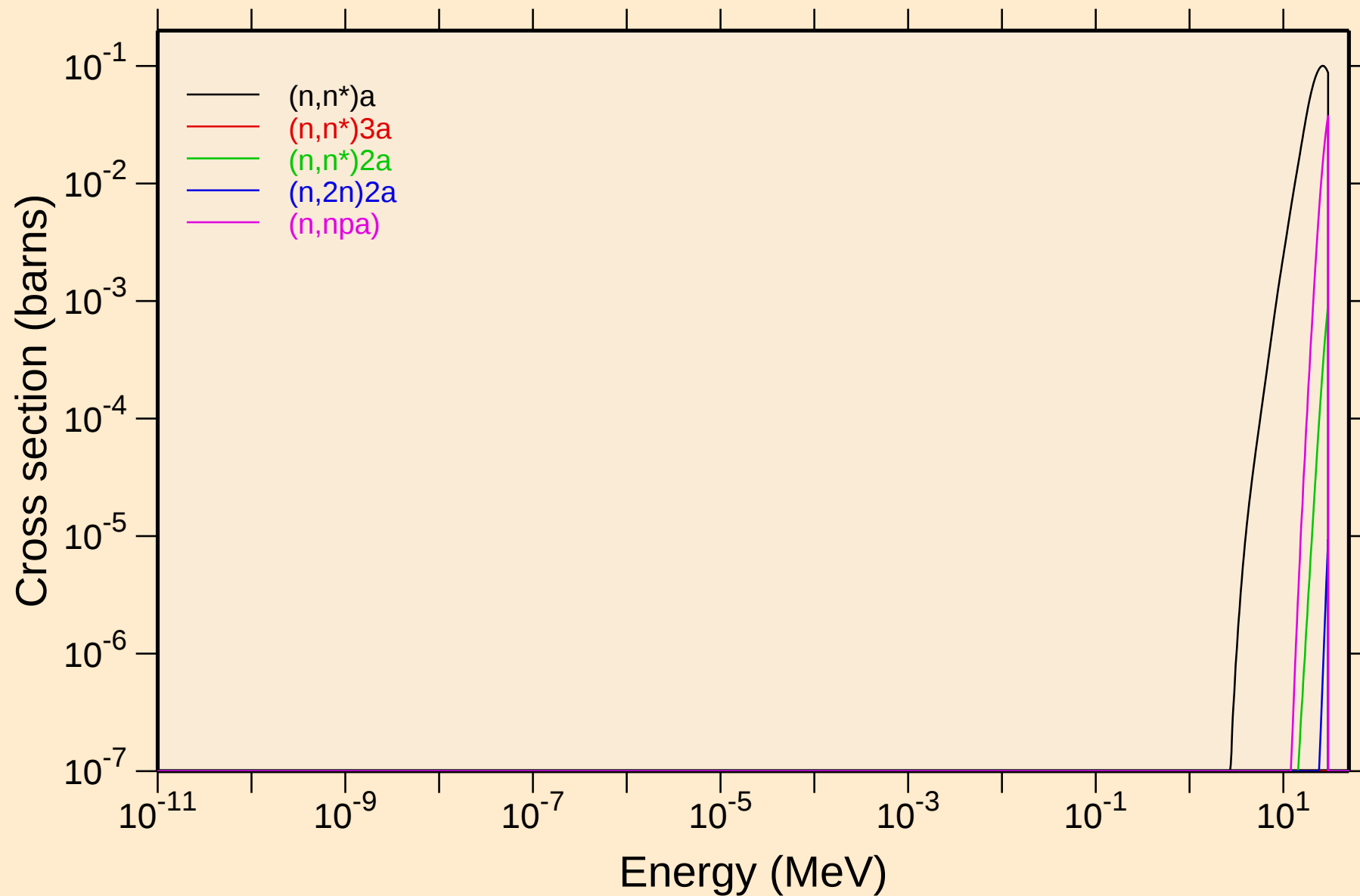
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage



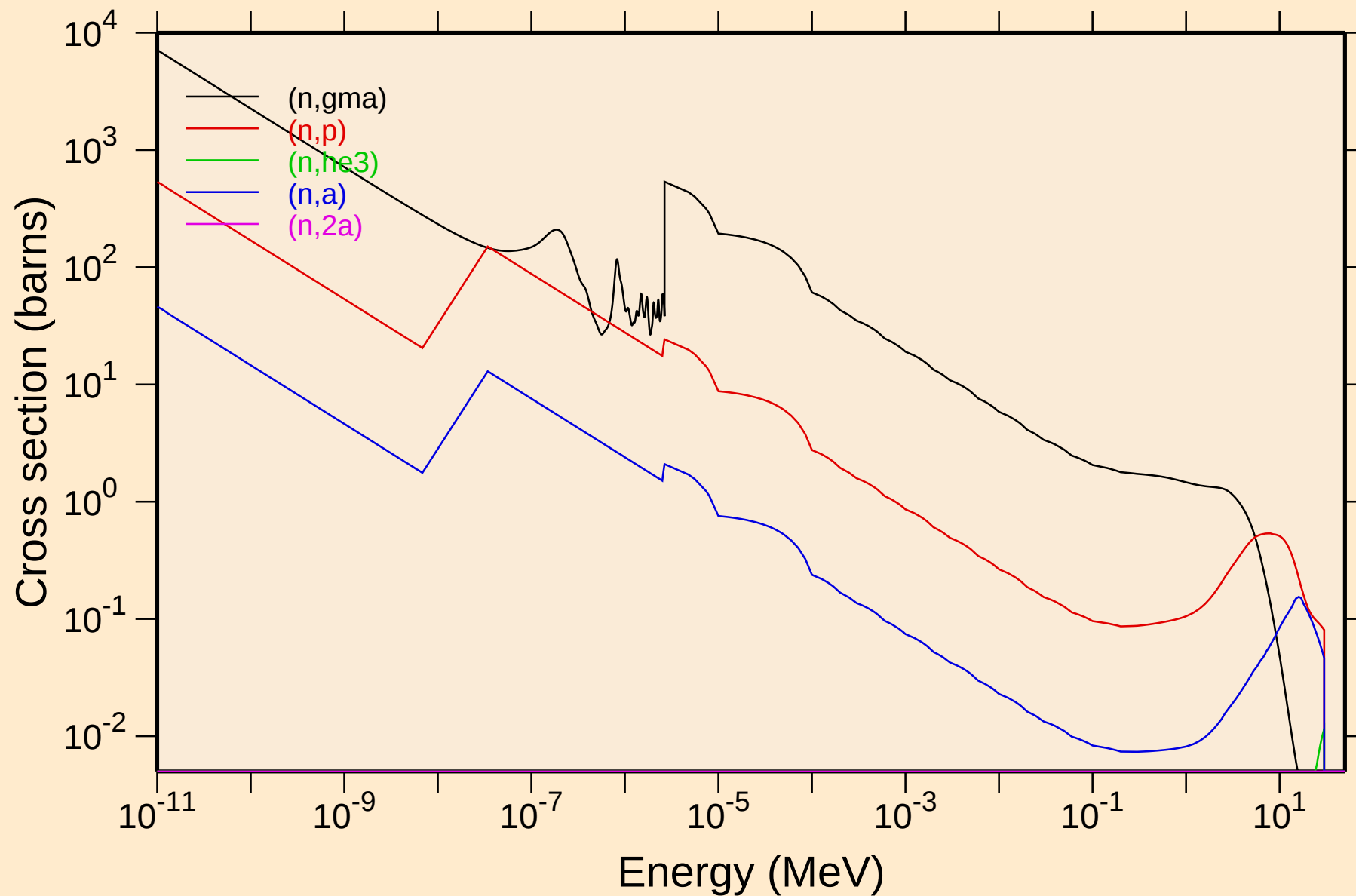
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions



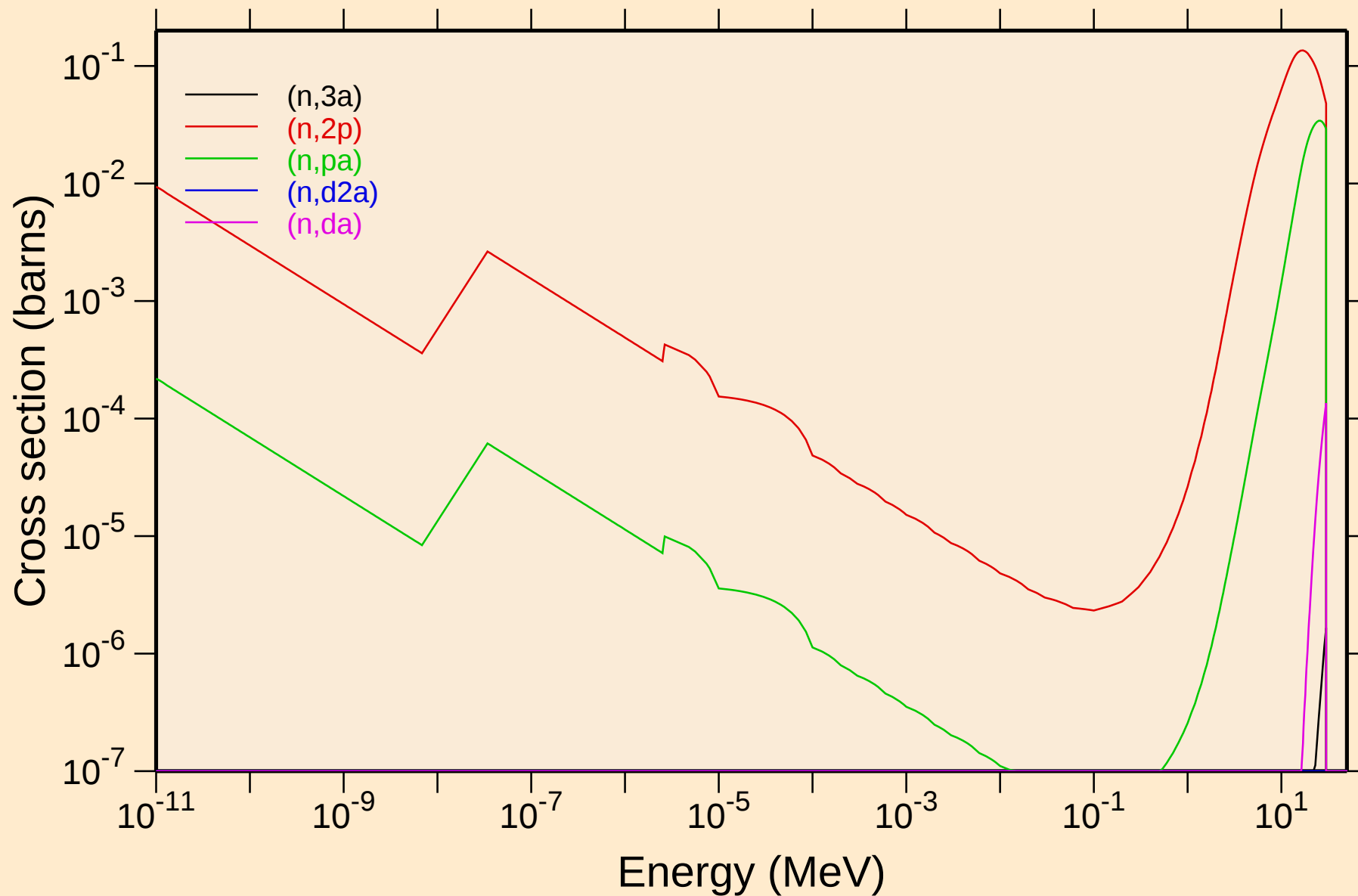
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions



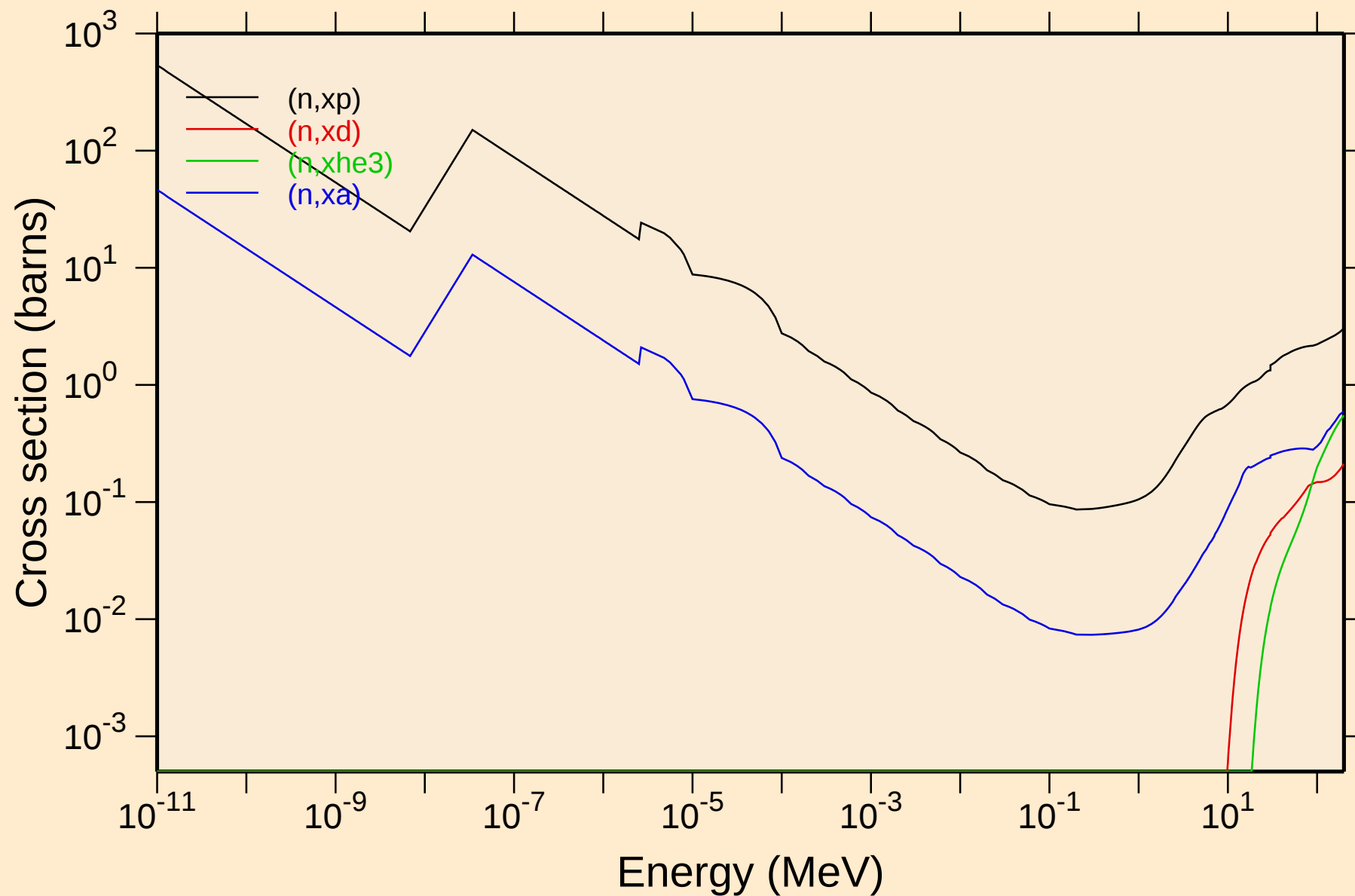
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions



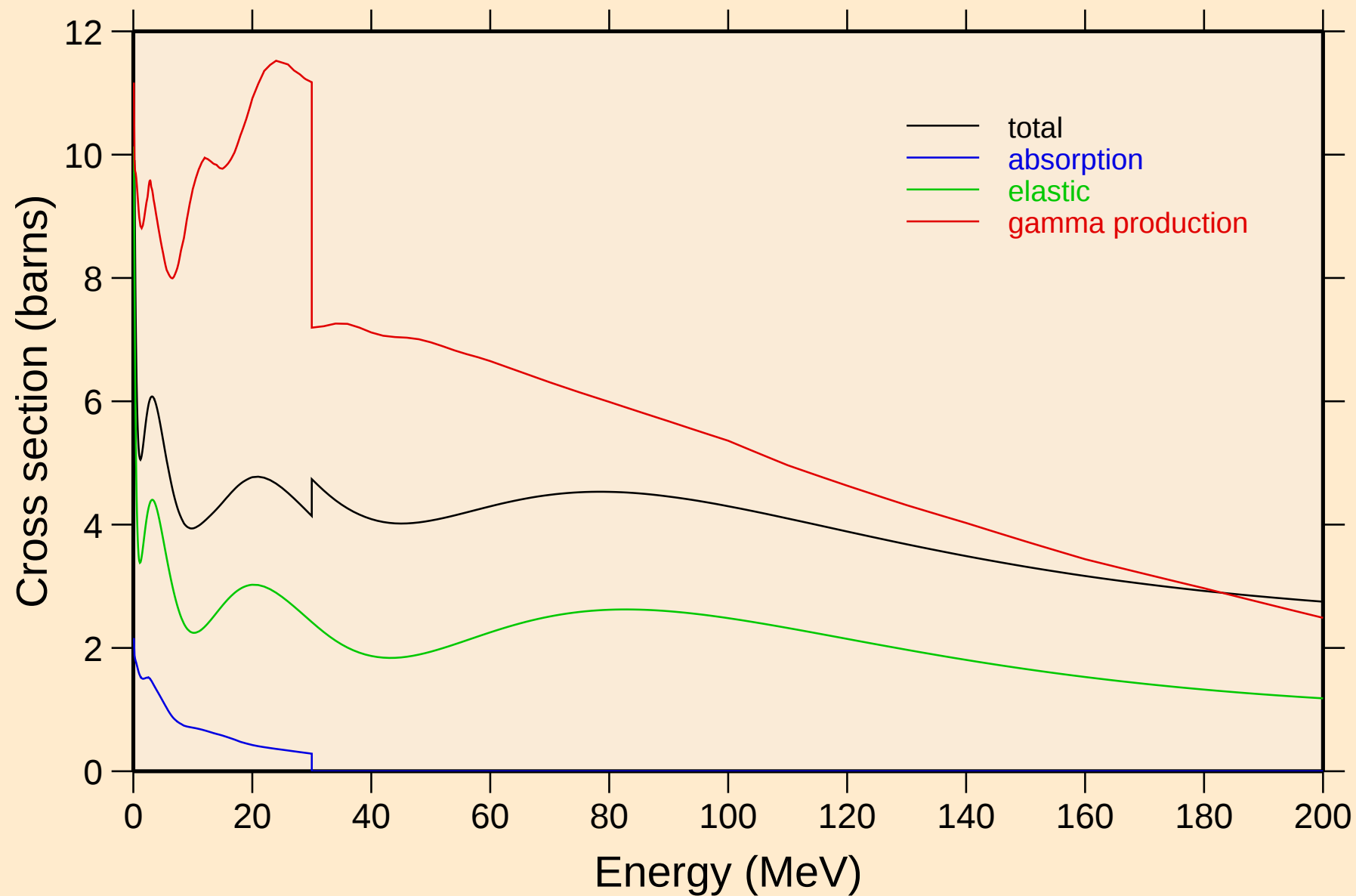
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Non-threshold reactions



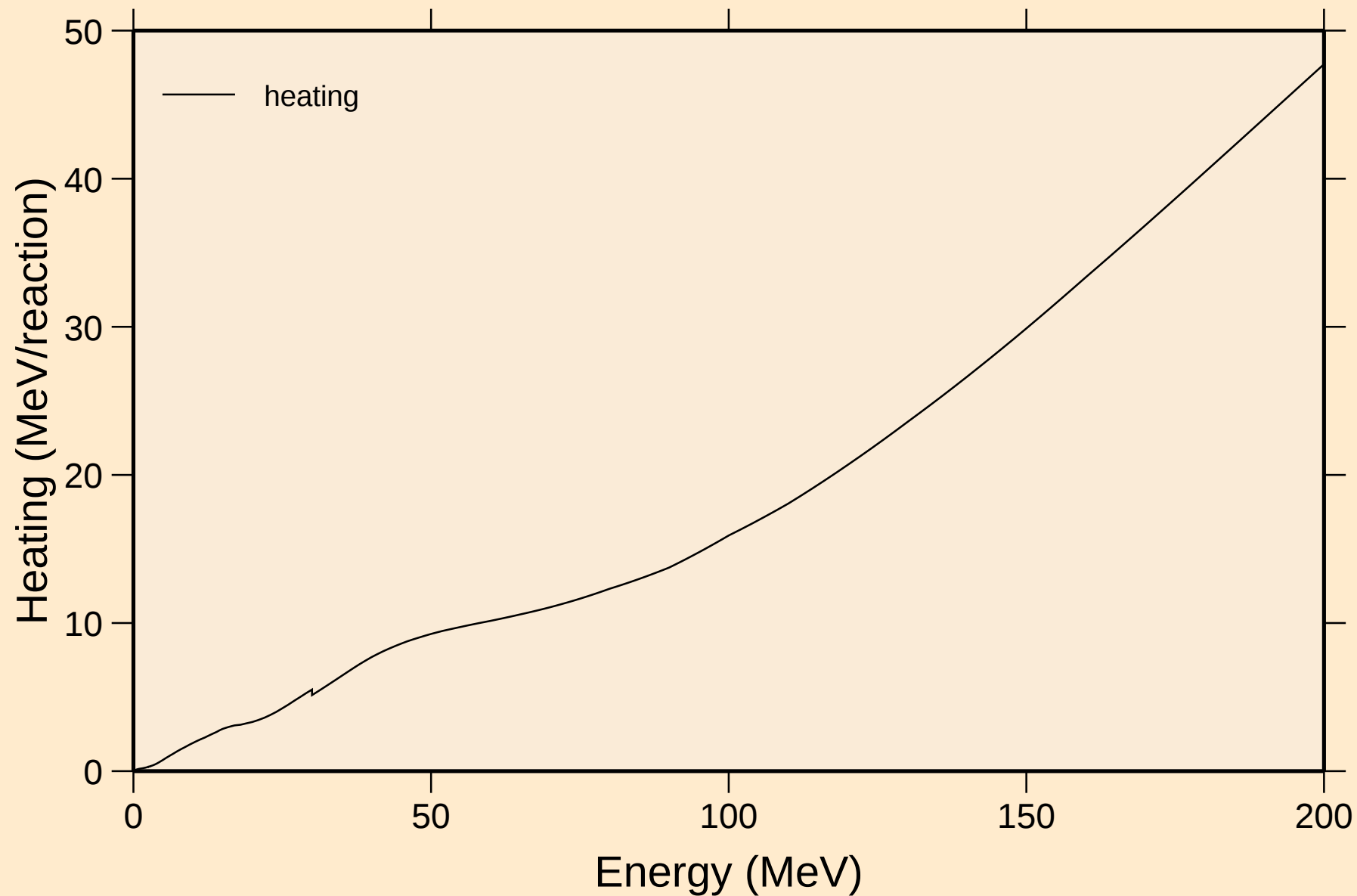
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Principal cross sections



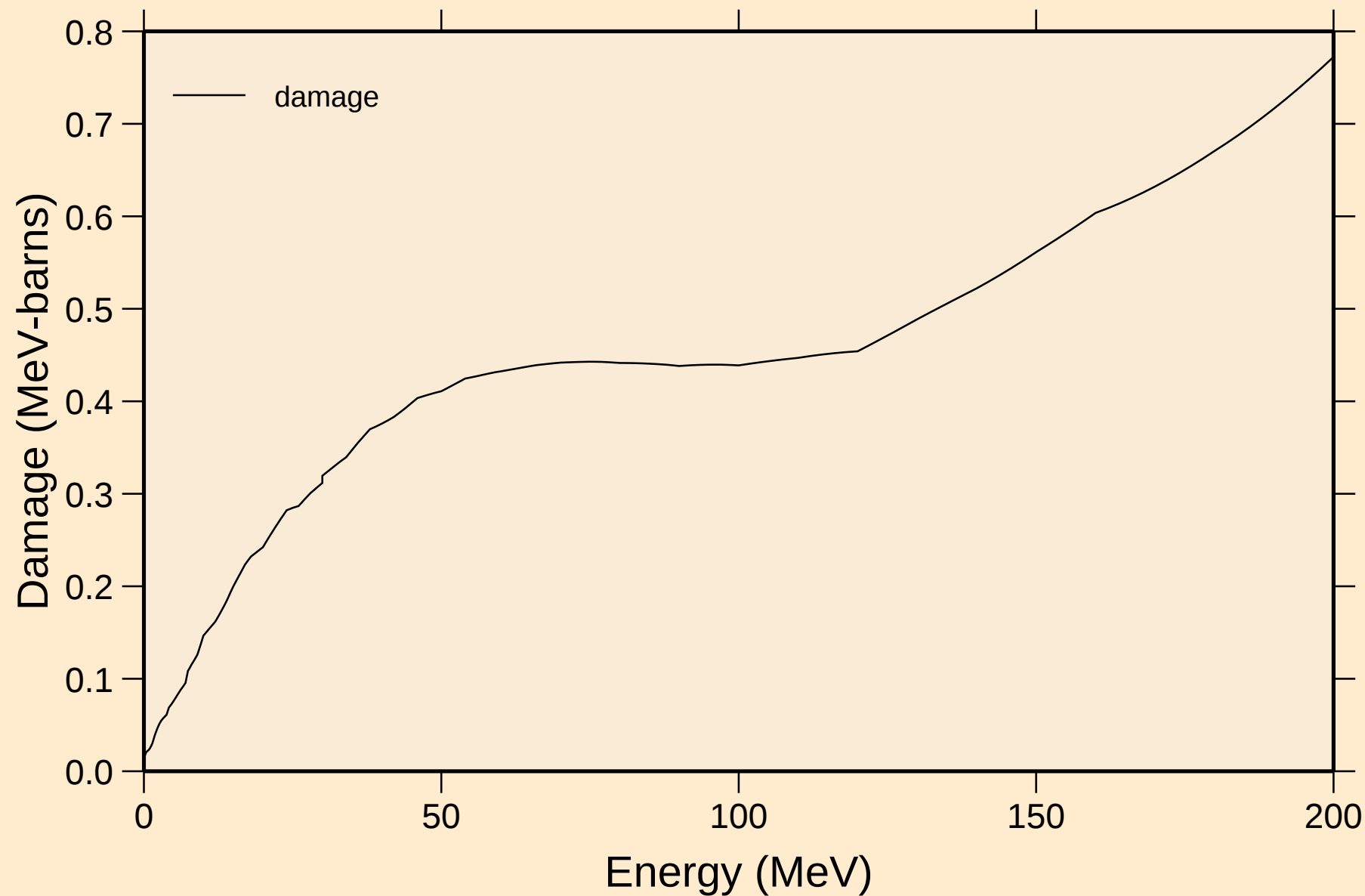
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating



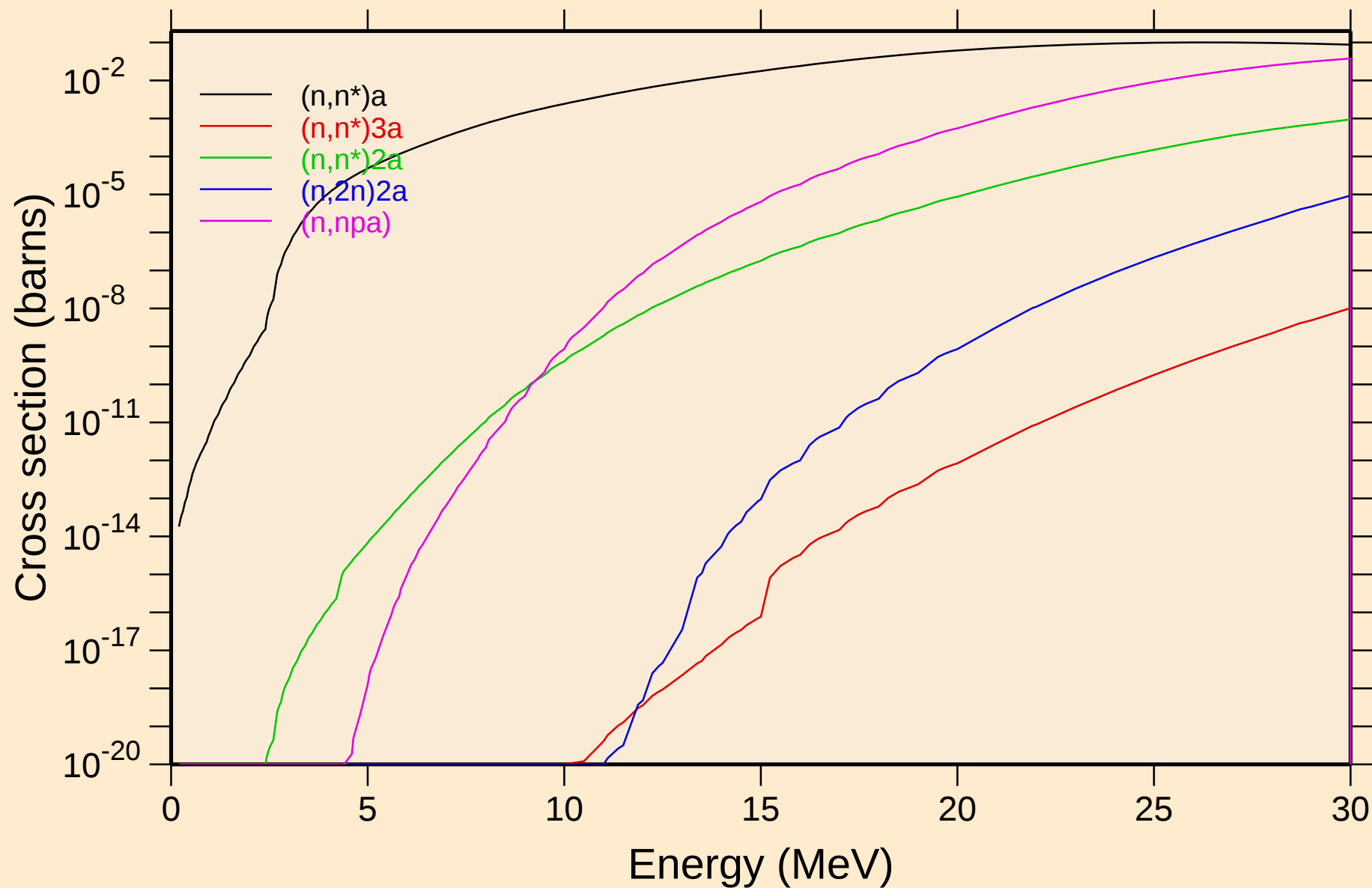
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Damage



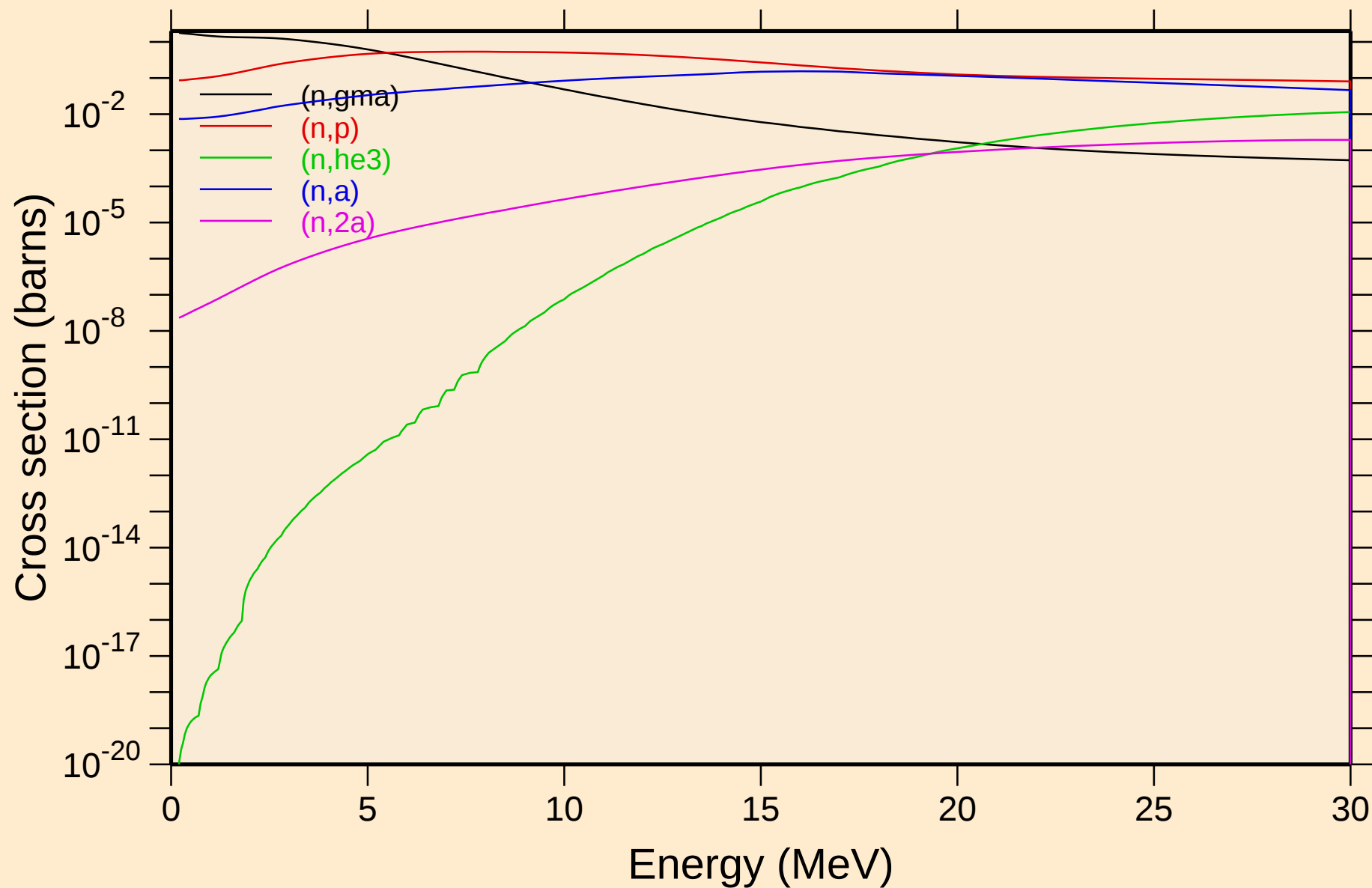
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions



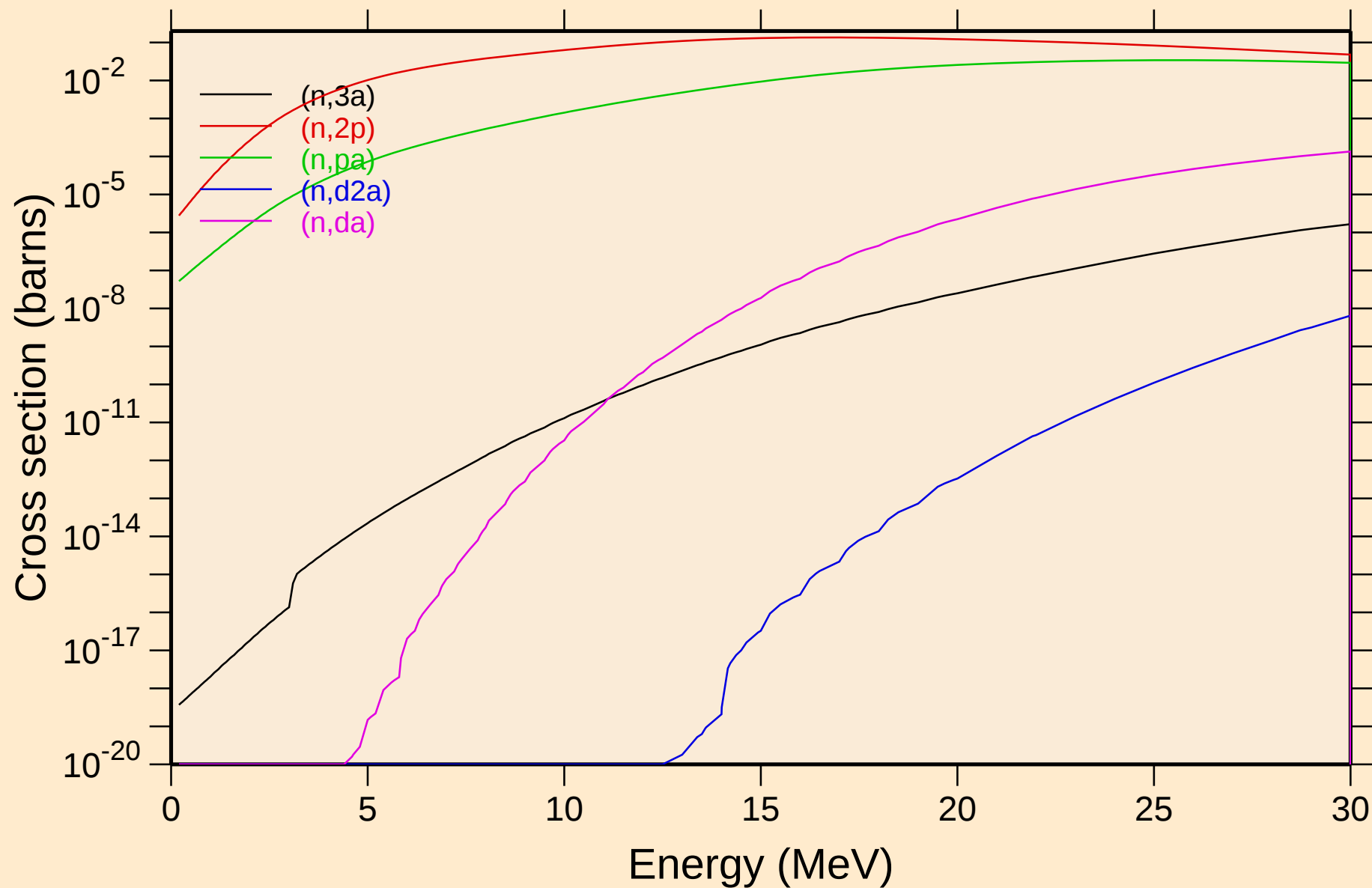
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Non-threshold reactions



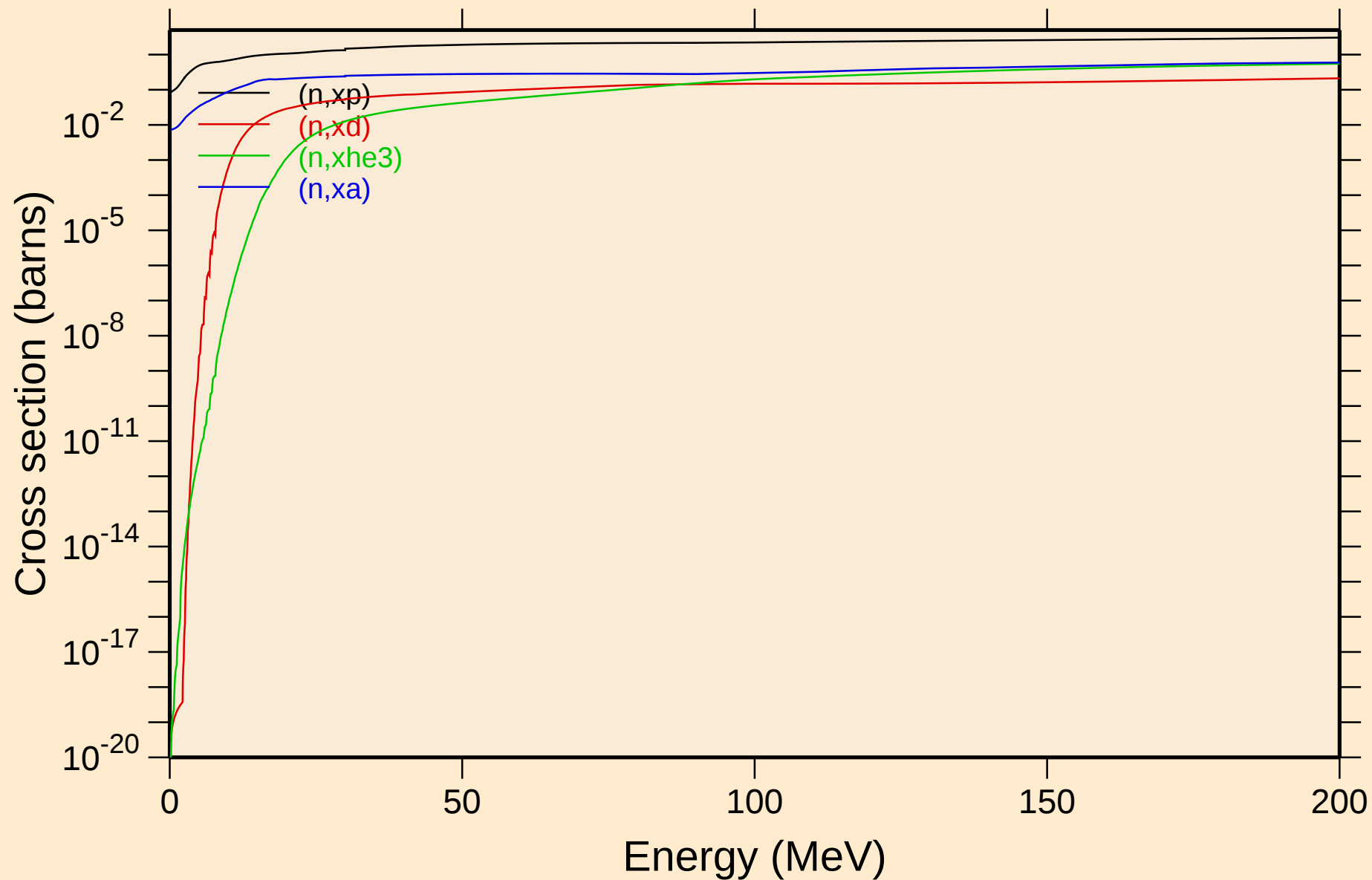
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions



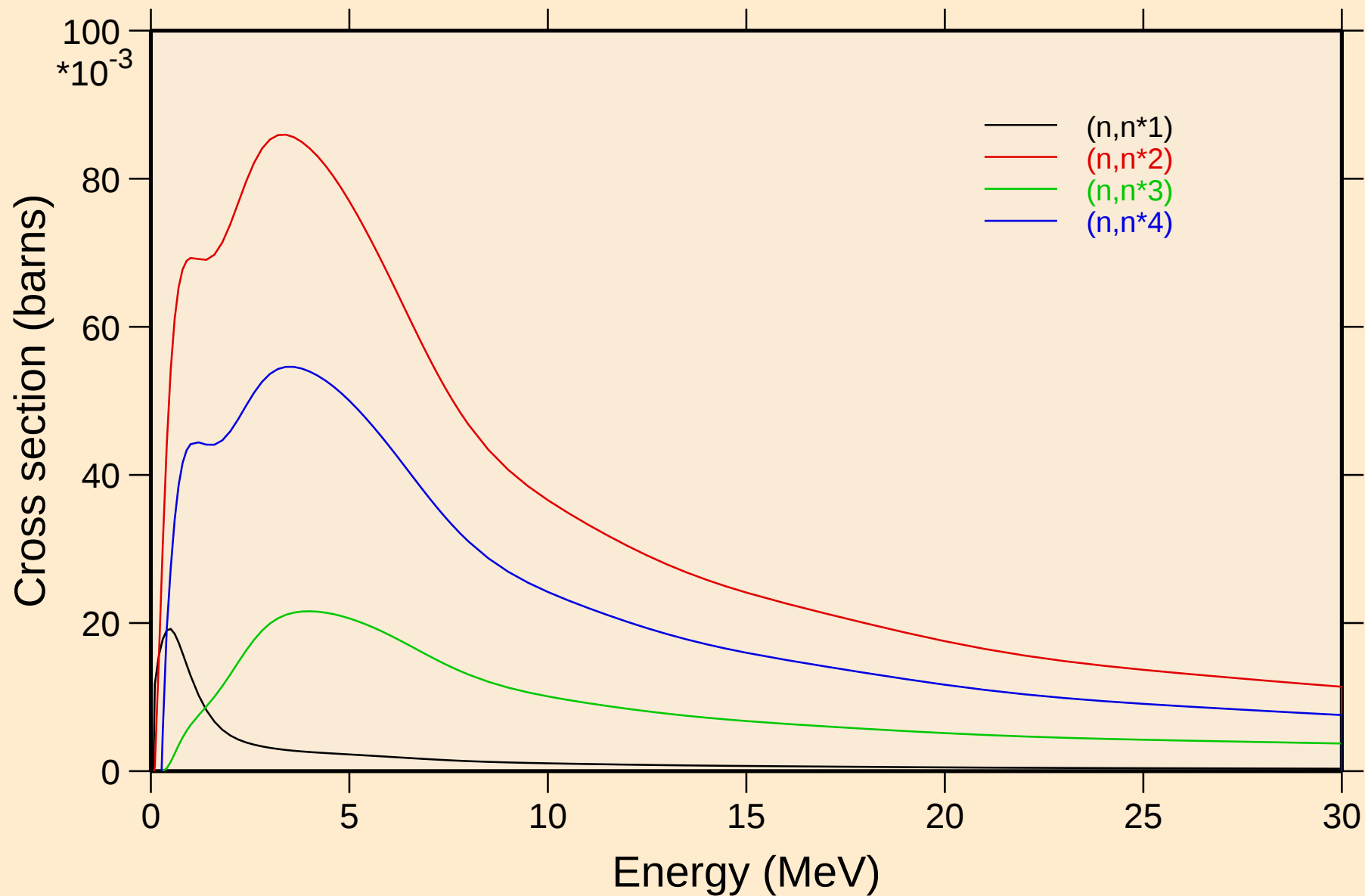
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions



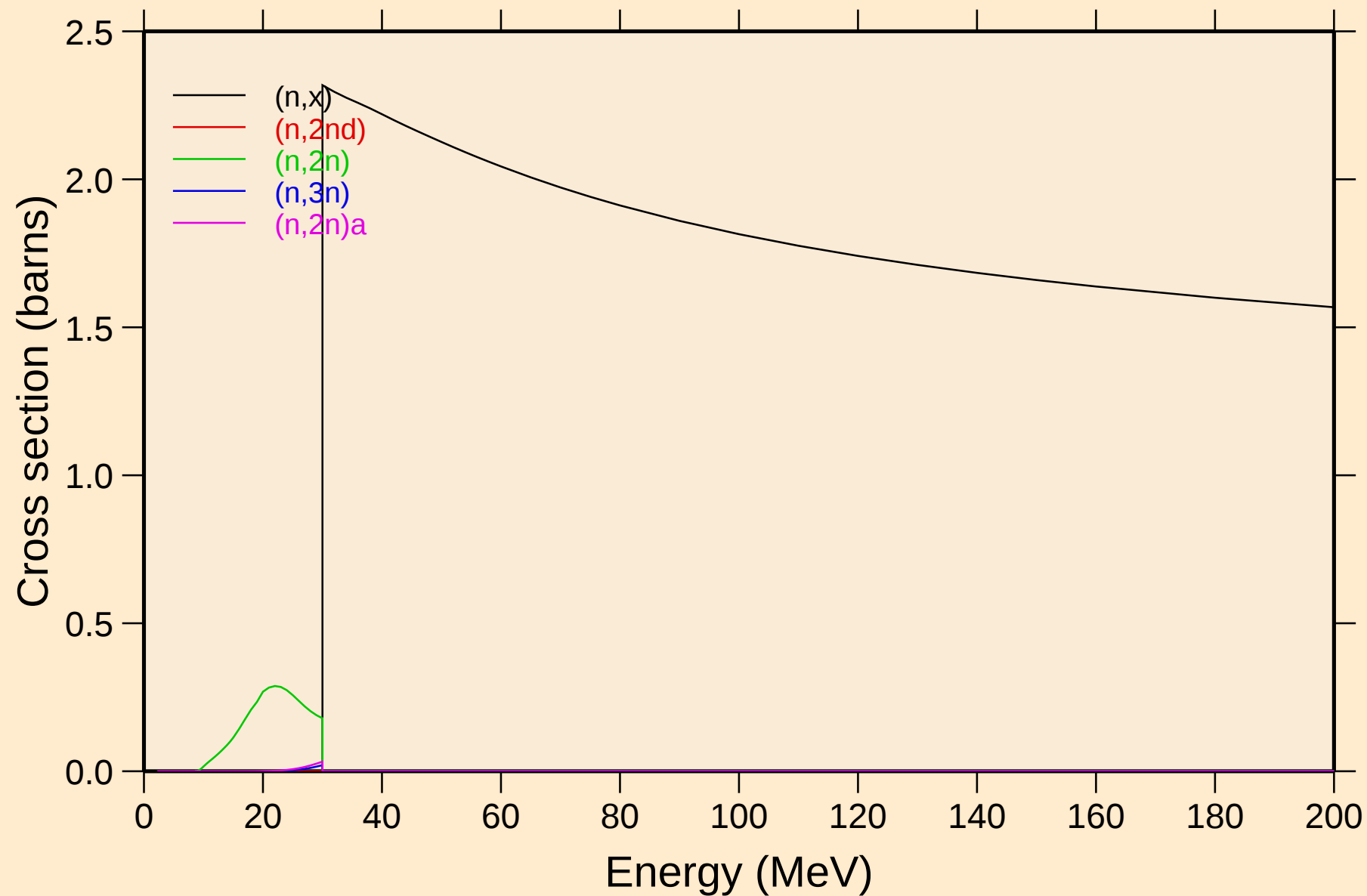
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



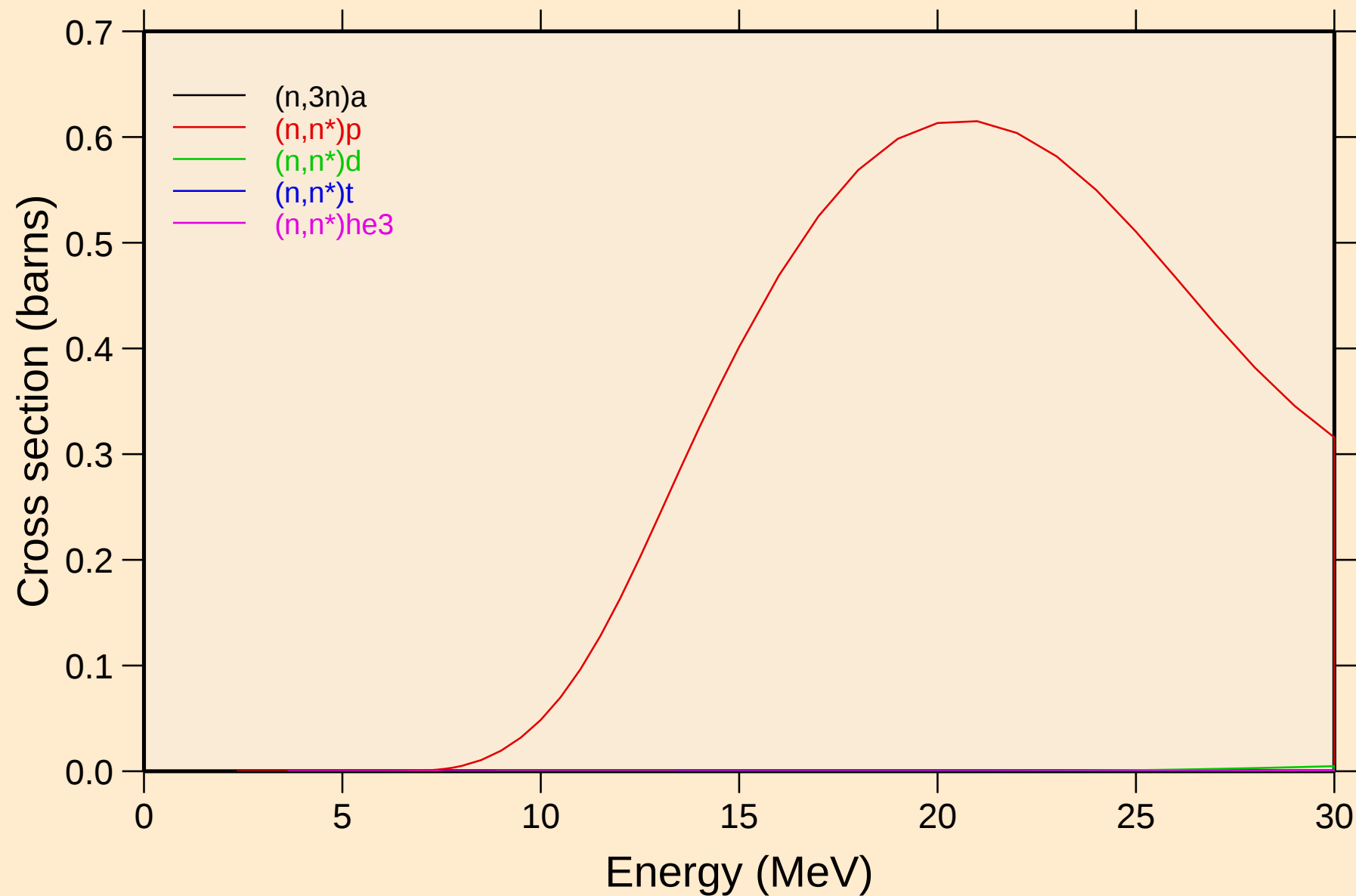
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Threshold reactions



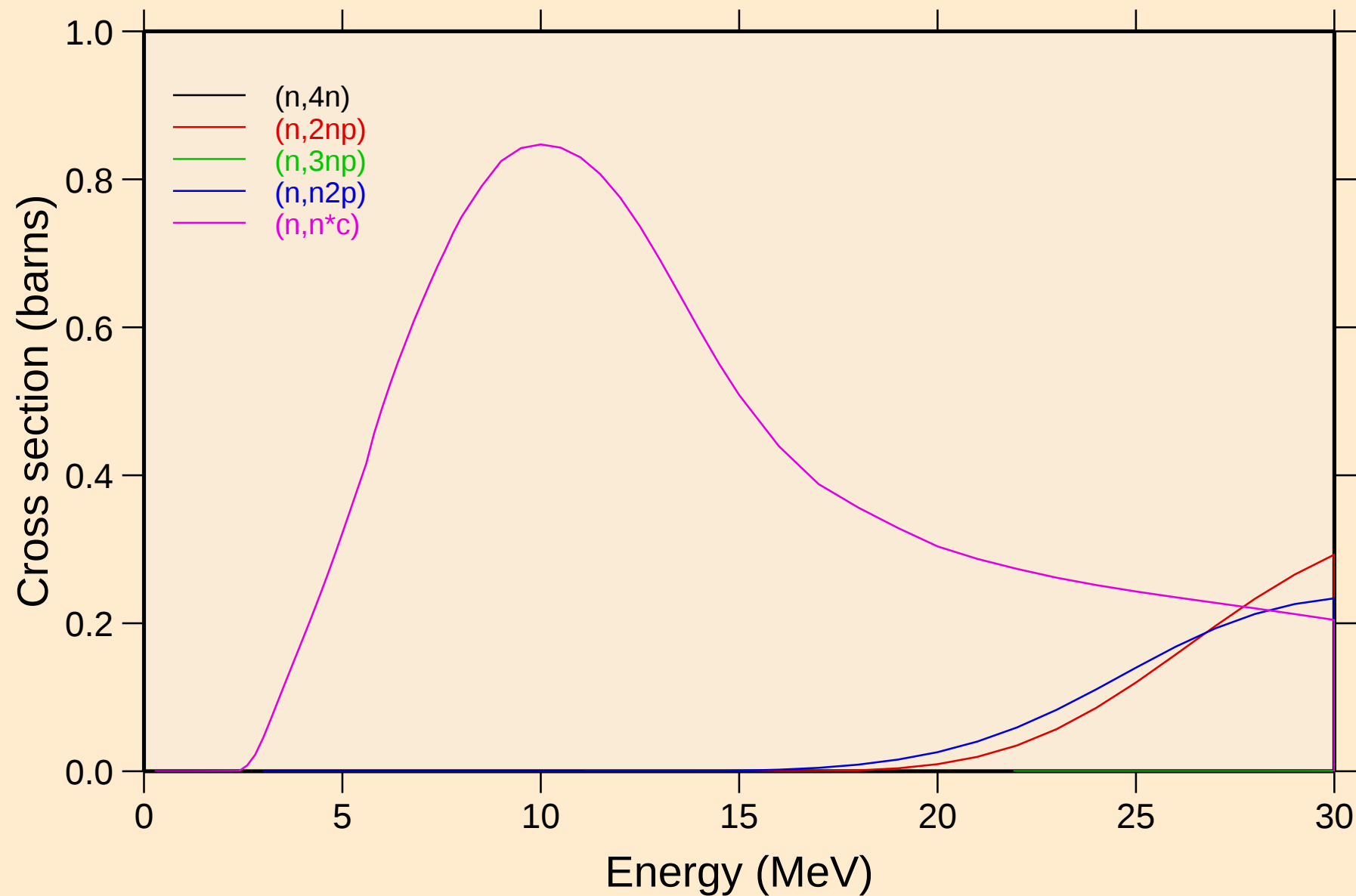
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



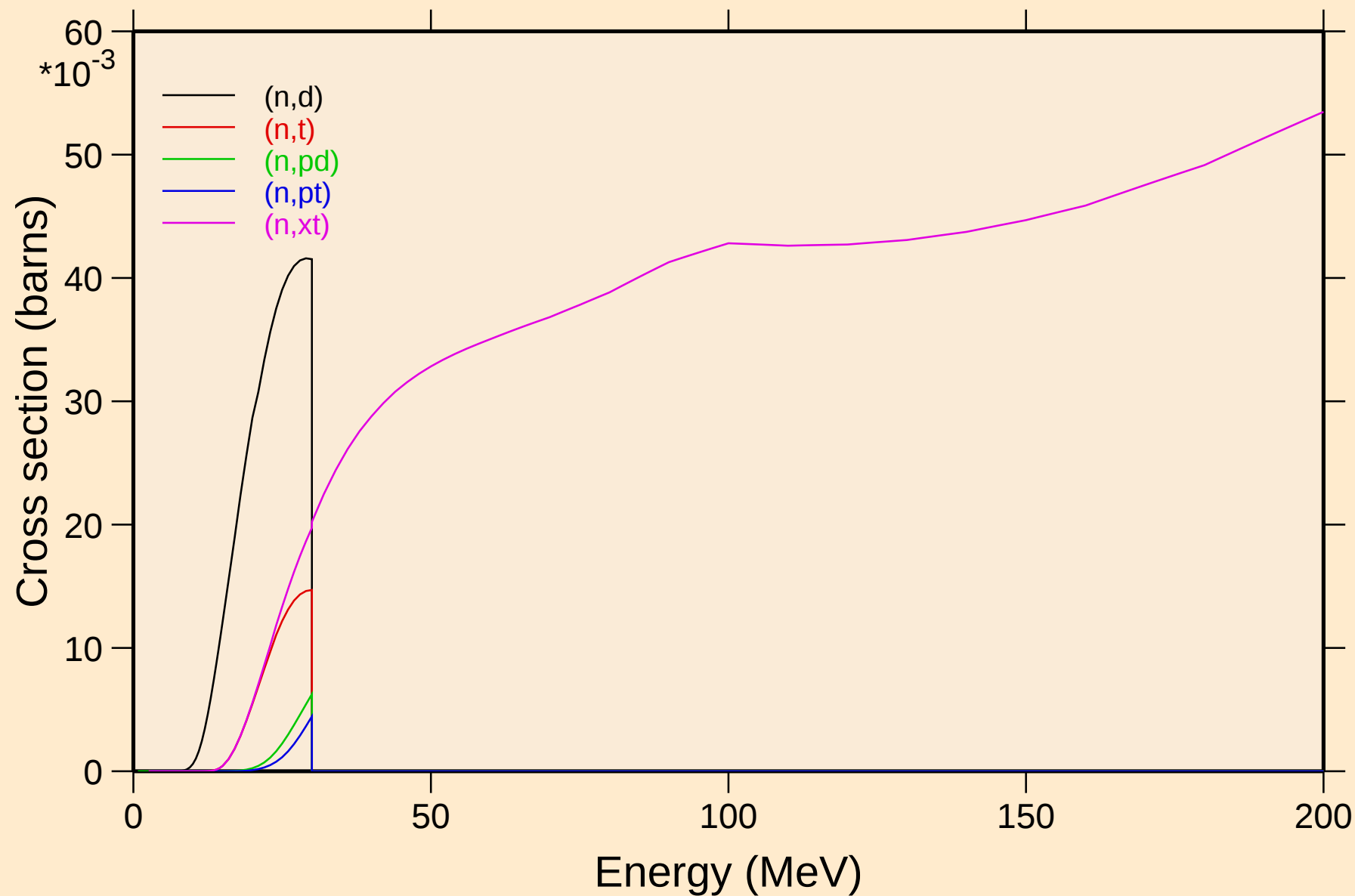
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

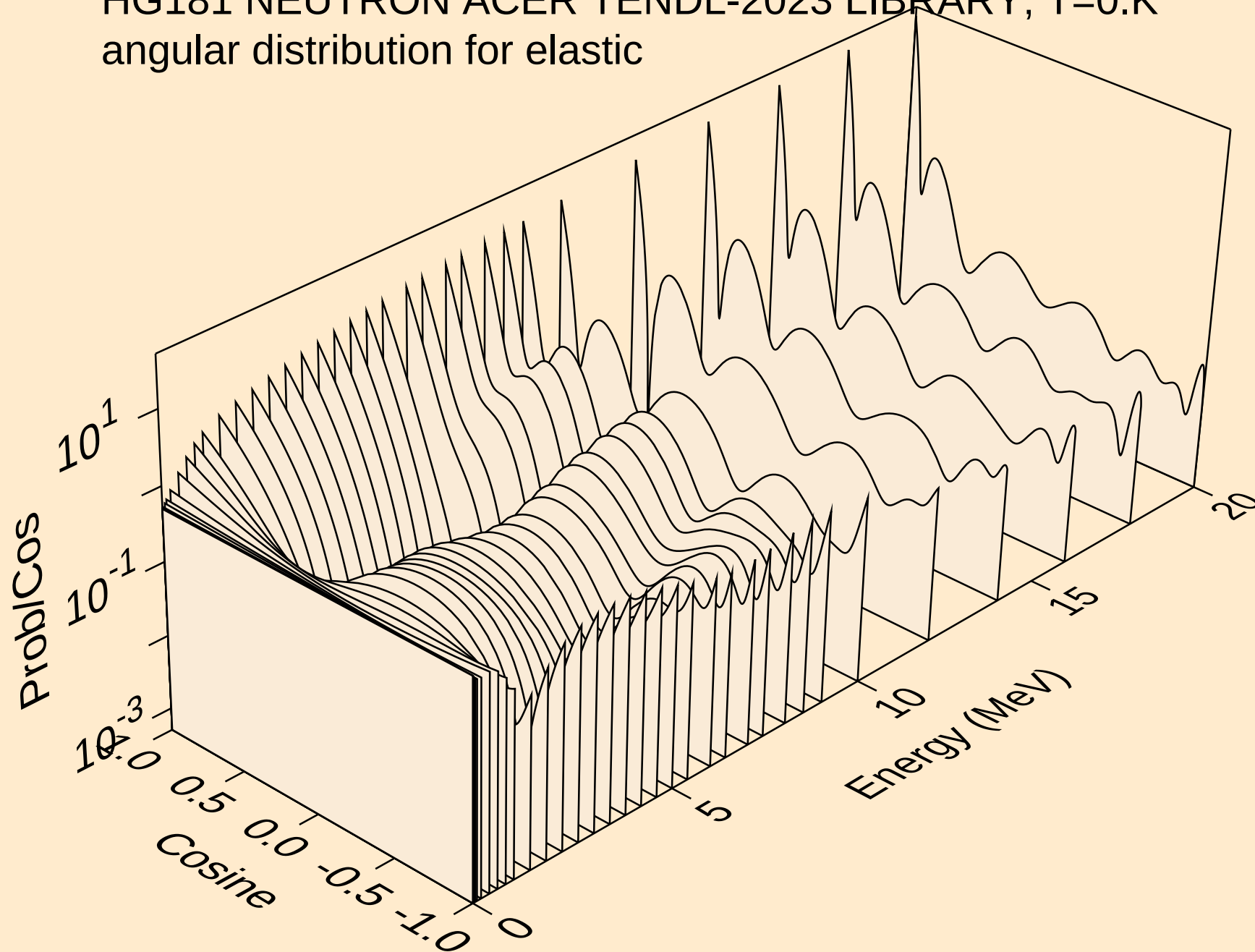


HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

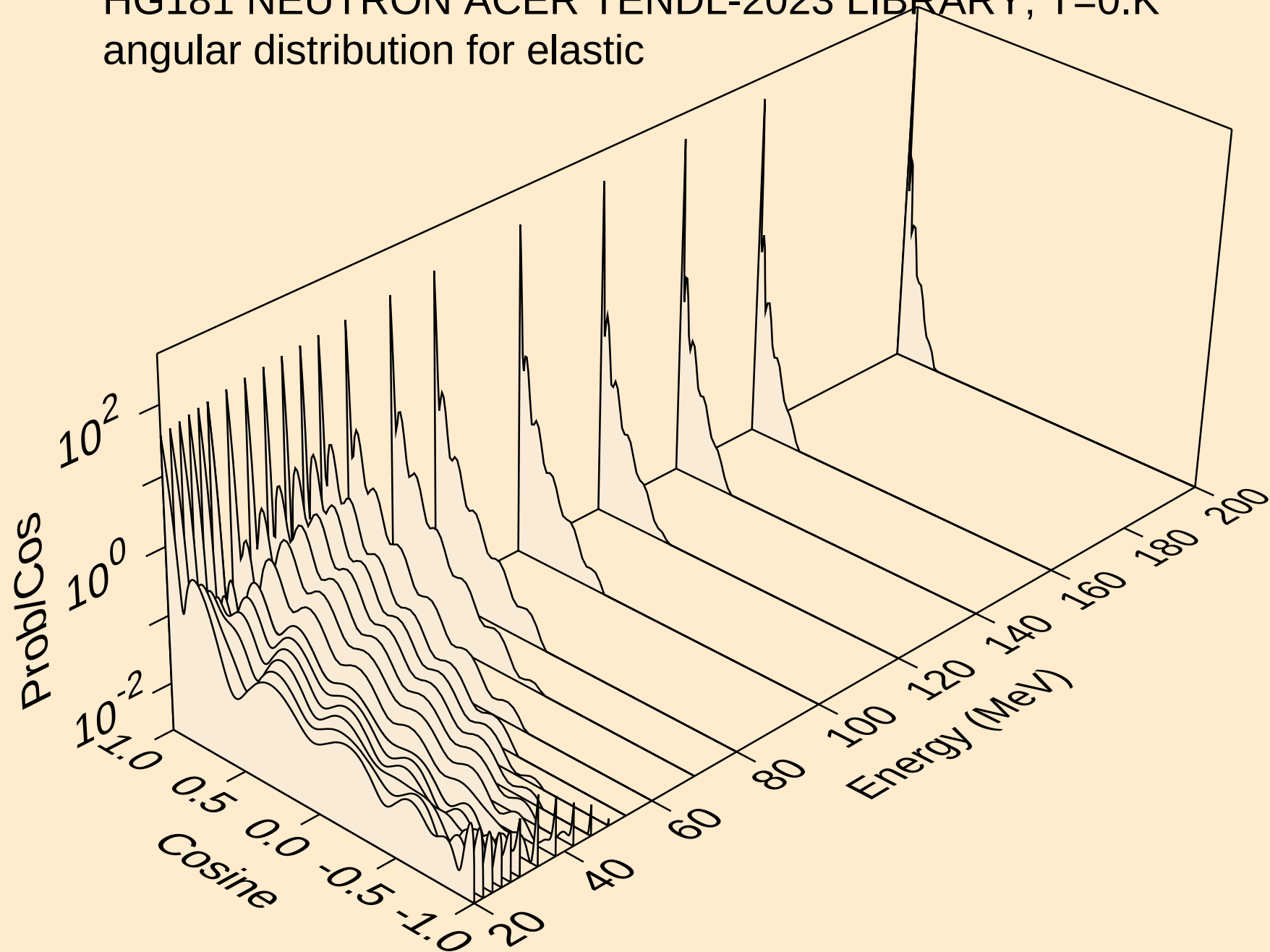
Threshold reactions



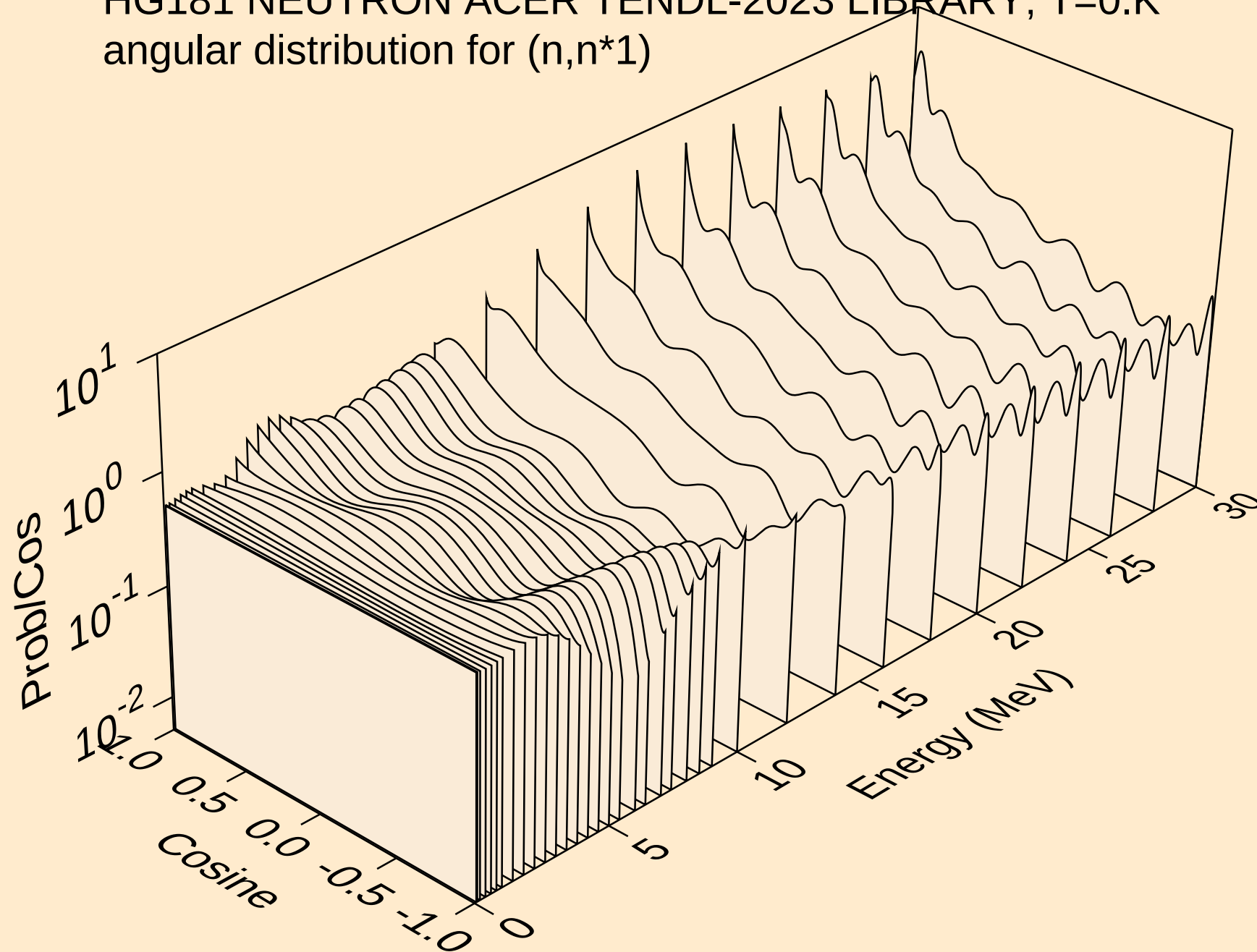
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



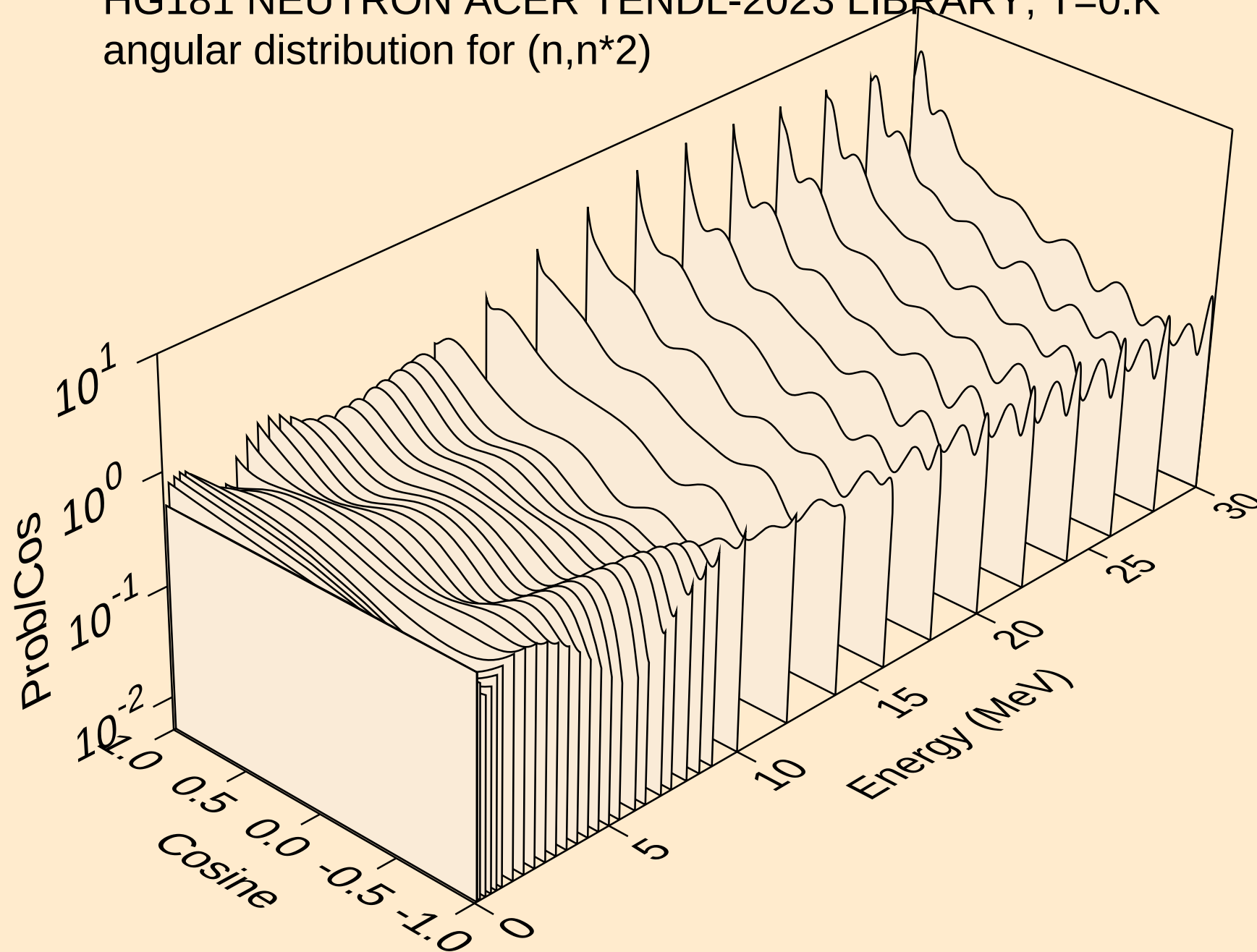
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



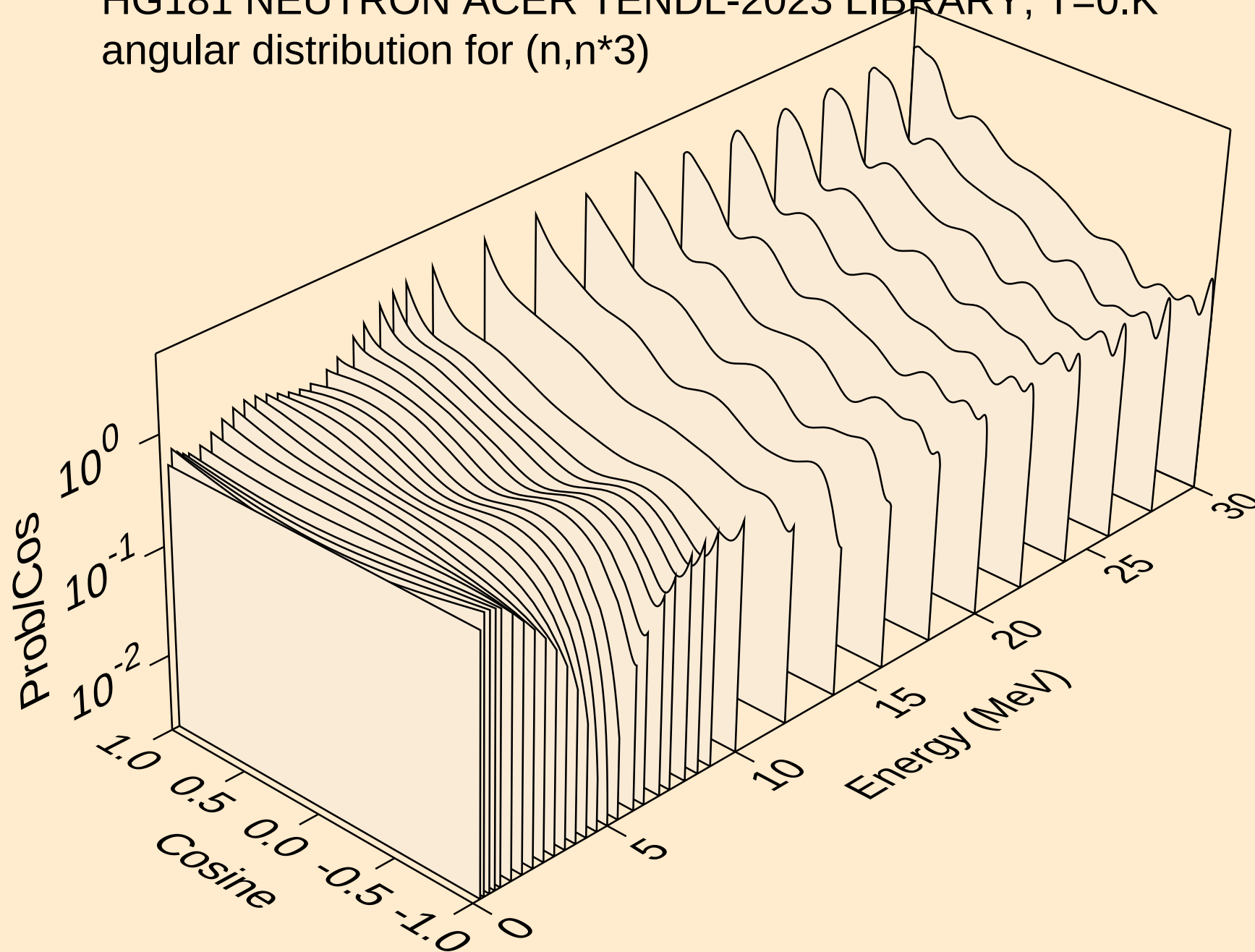
HG181 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
angular distribution for (n,n*1)



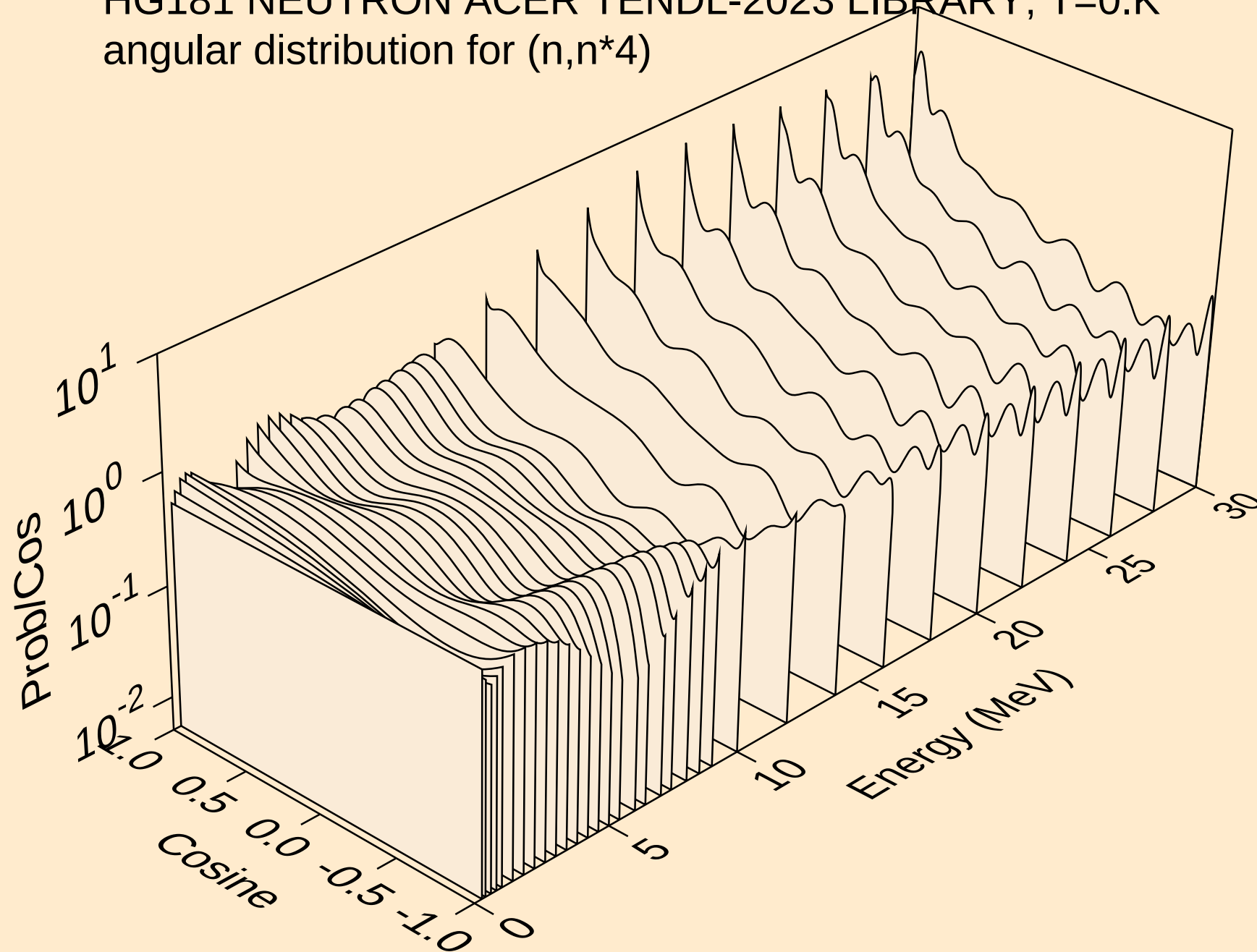
HG181 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
angular distribution for (n,n*2)



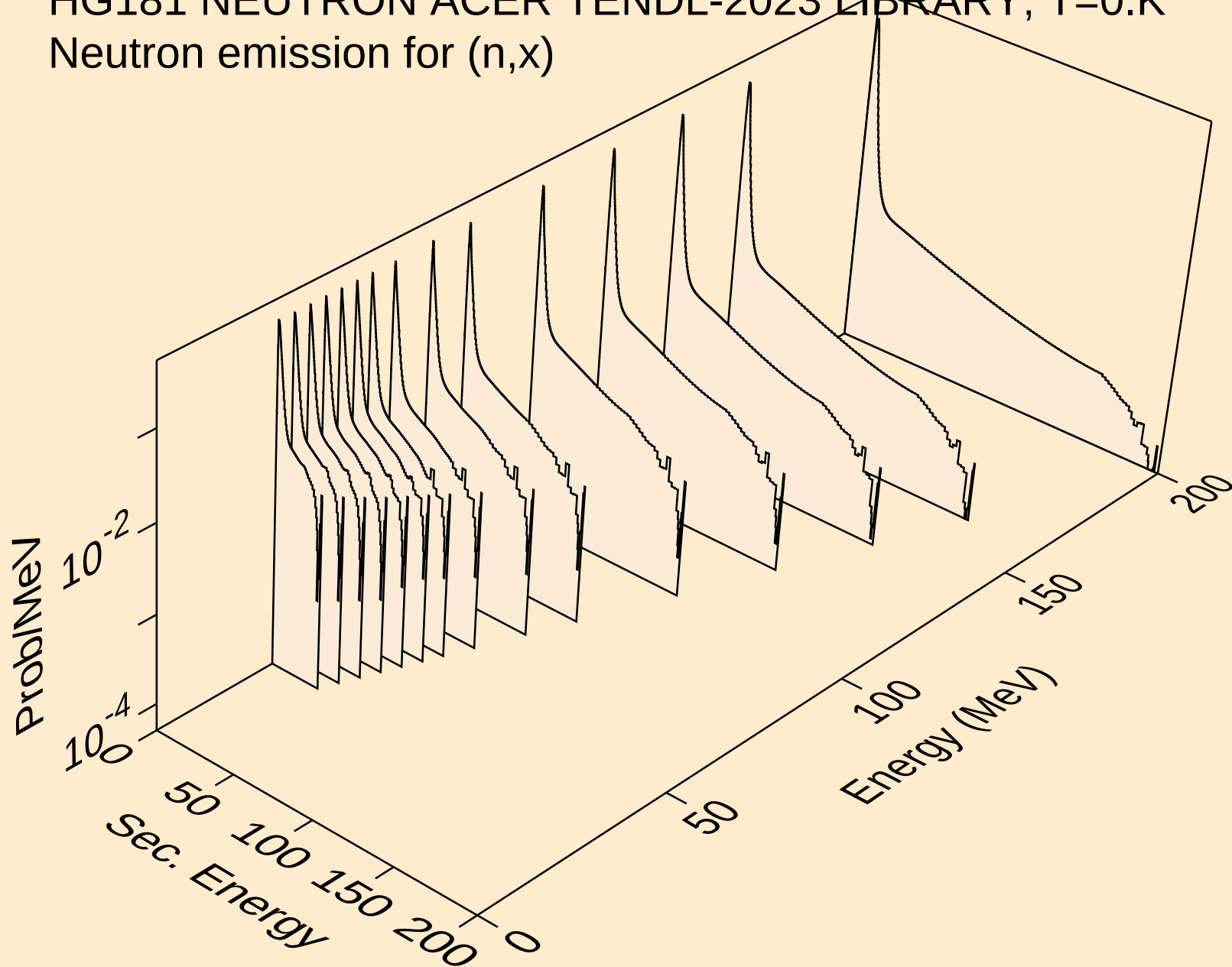
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



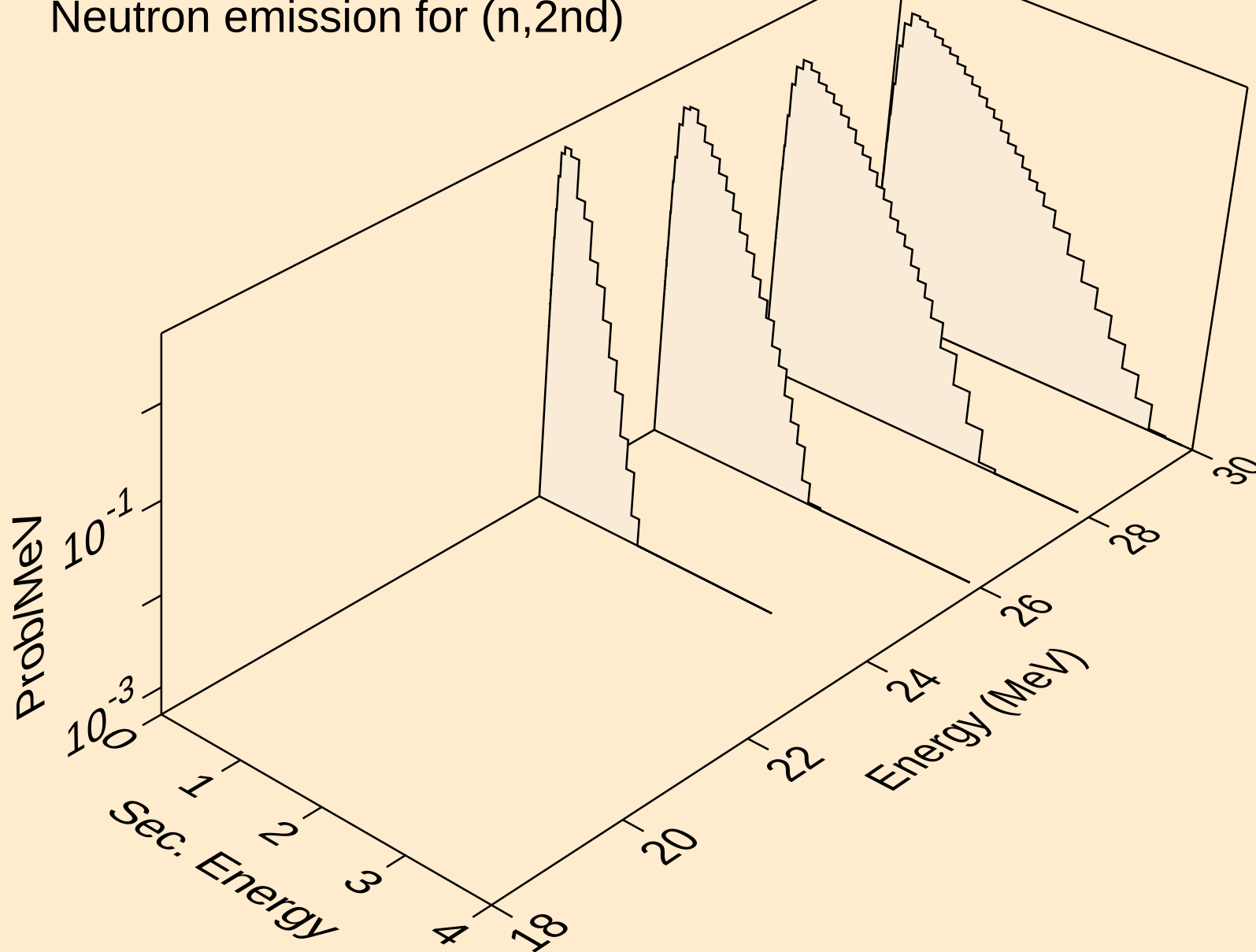
HG181 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
angular distribution for (n,n*4)



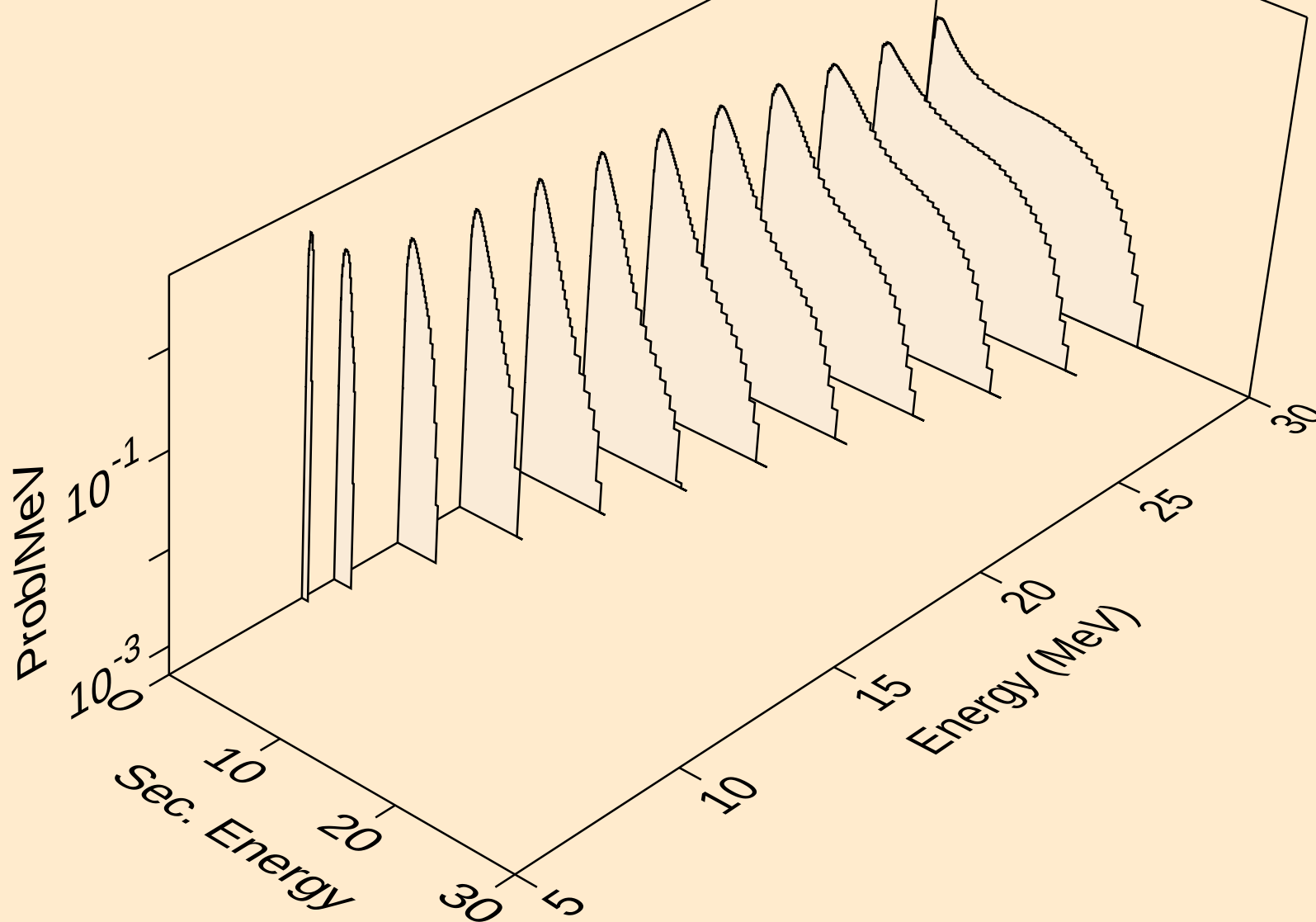
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



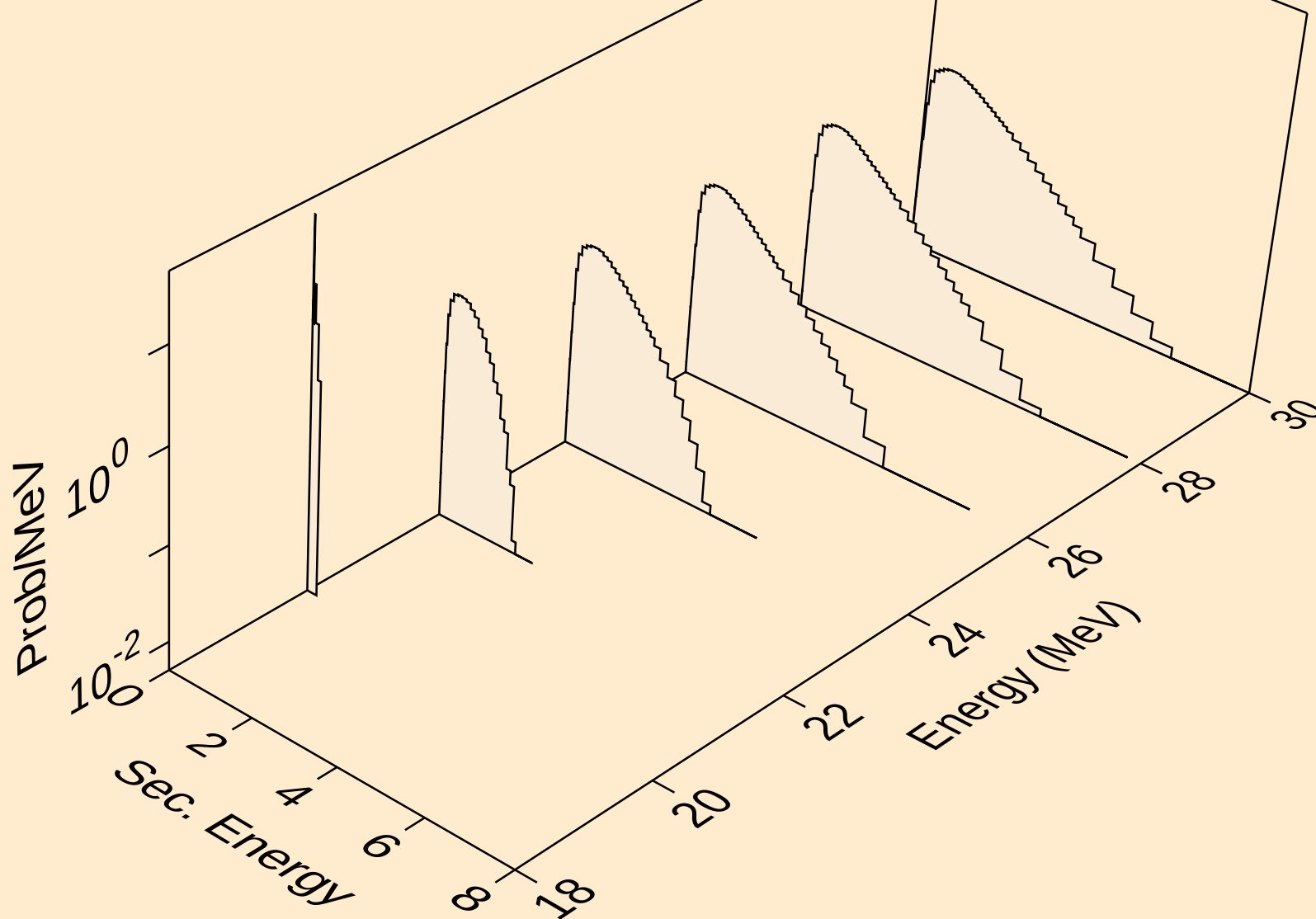
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



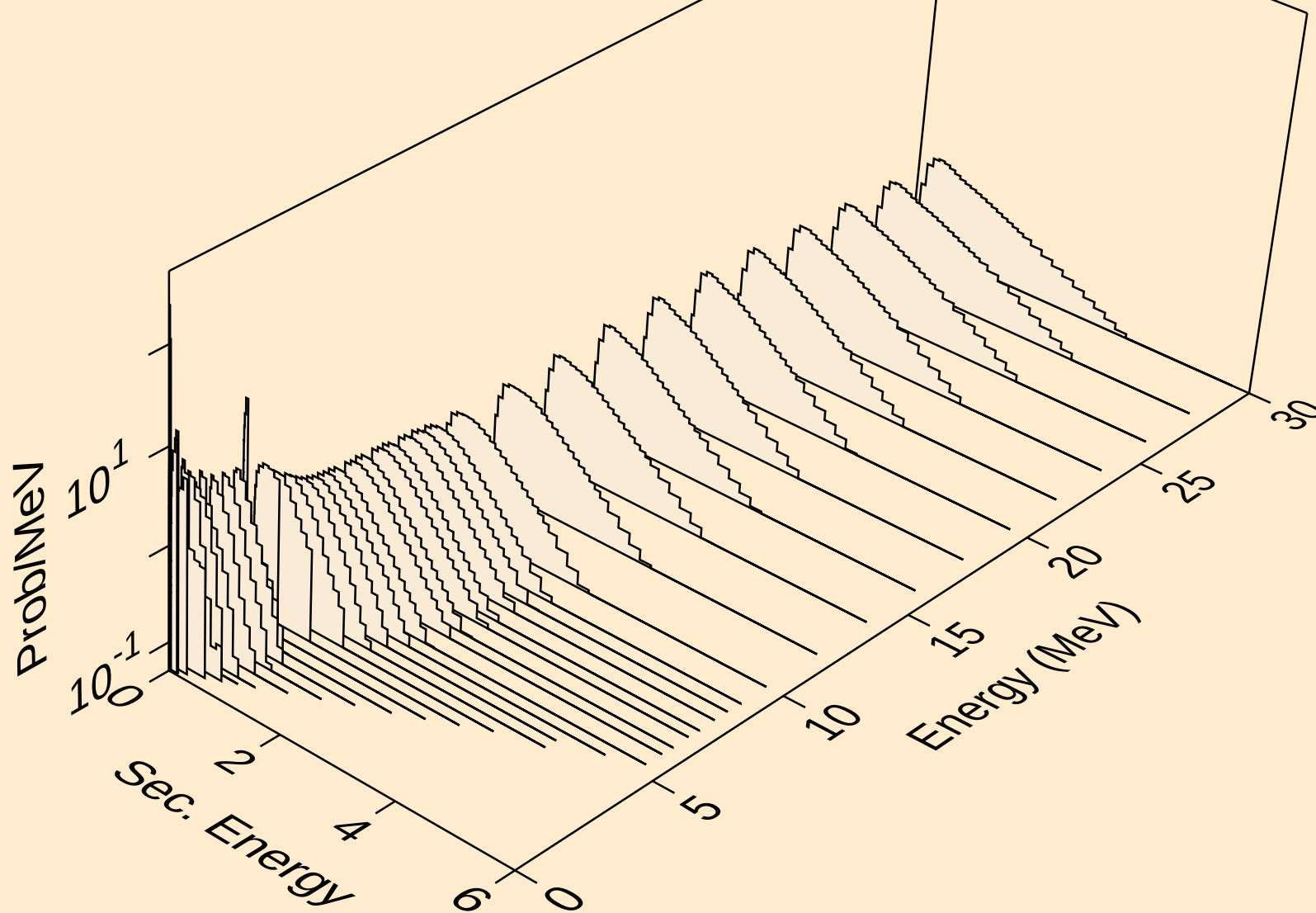
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



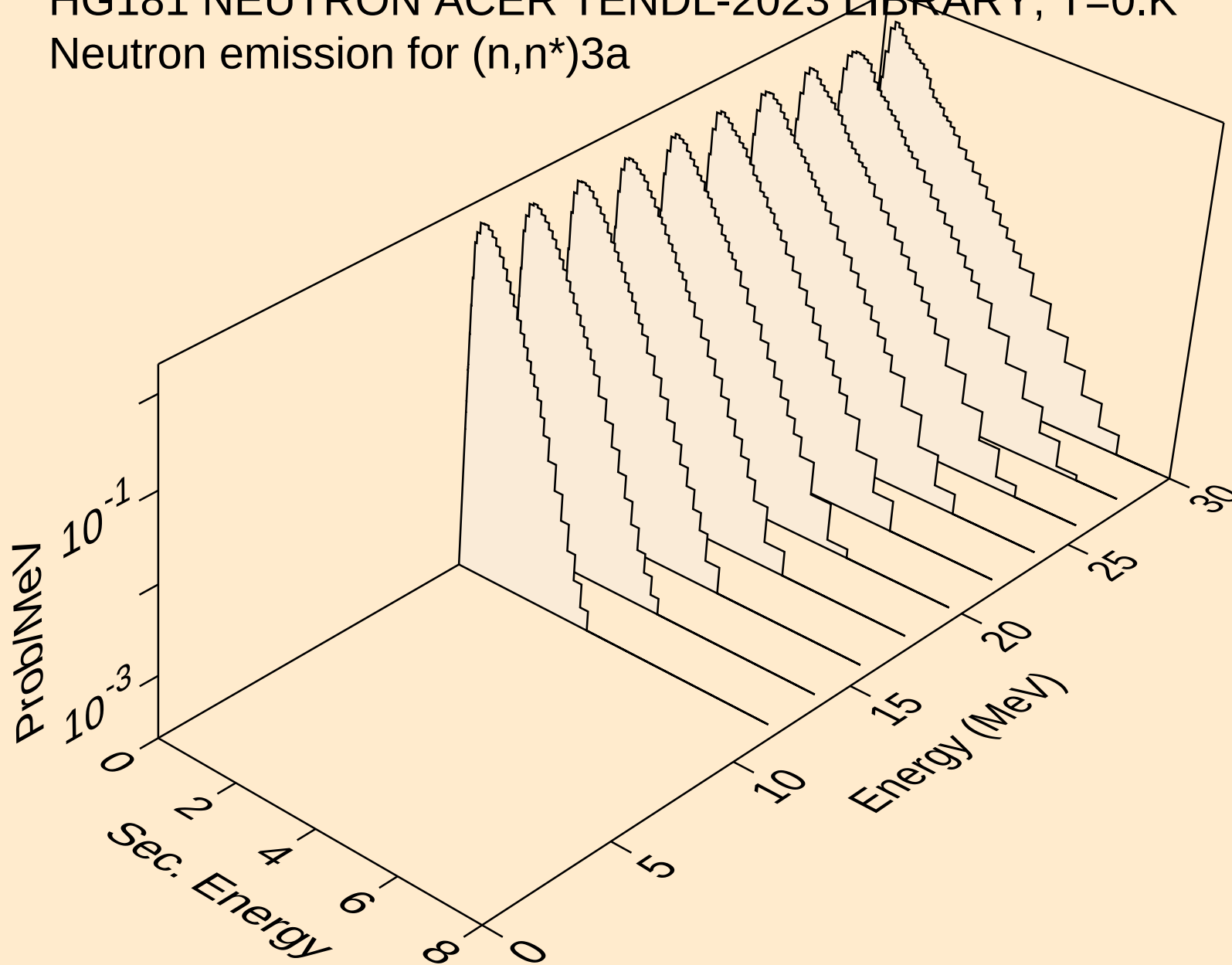
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



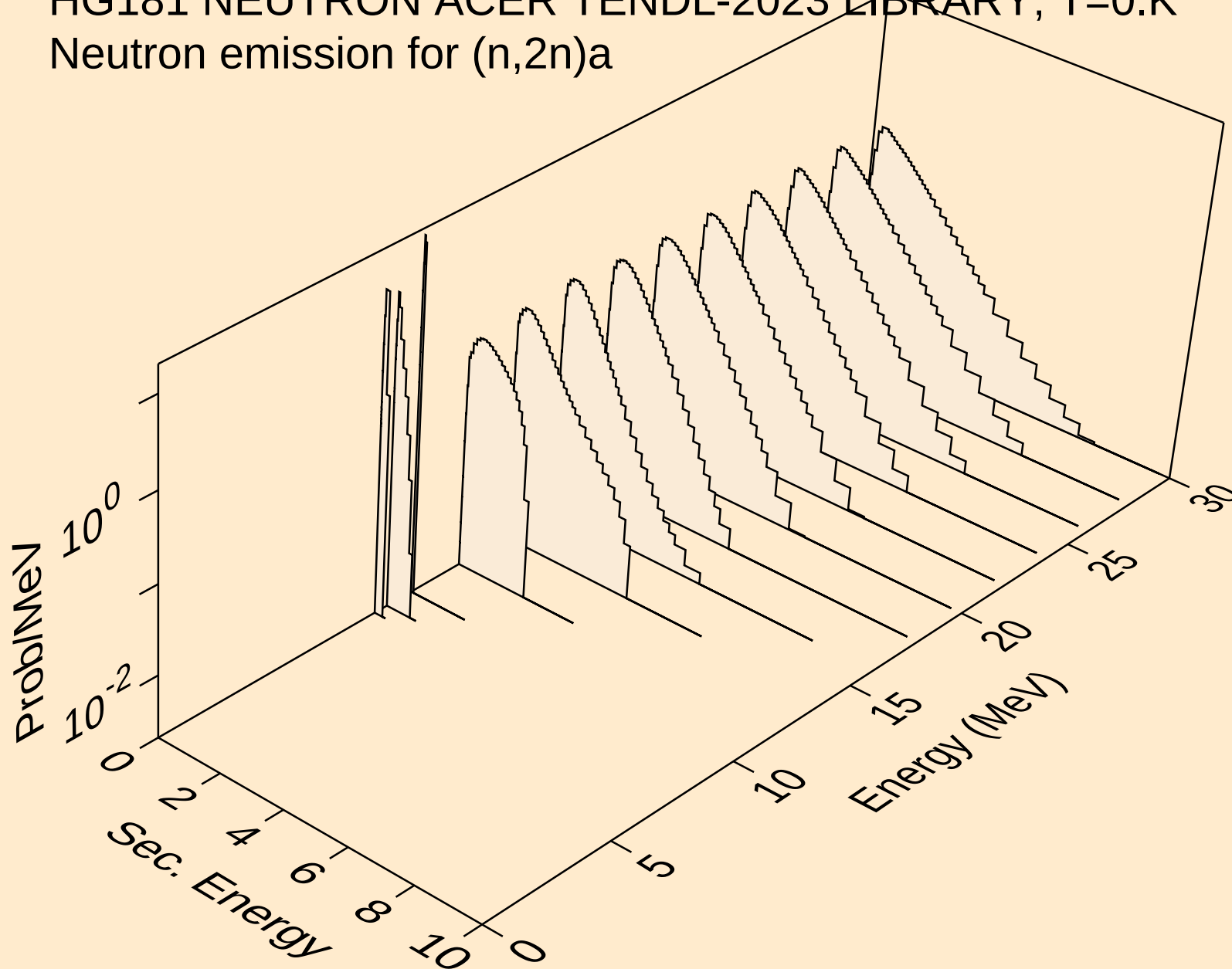
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



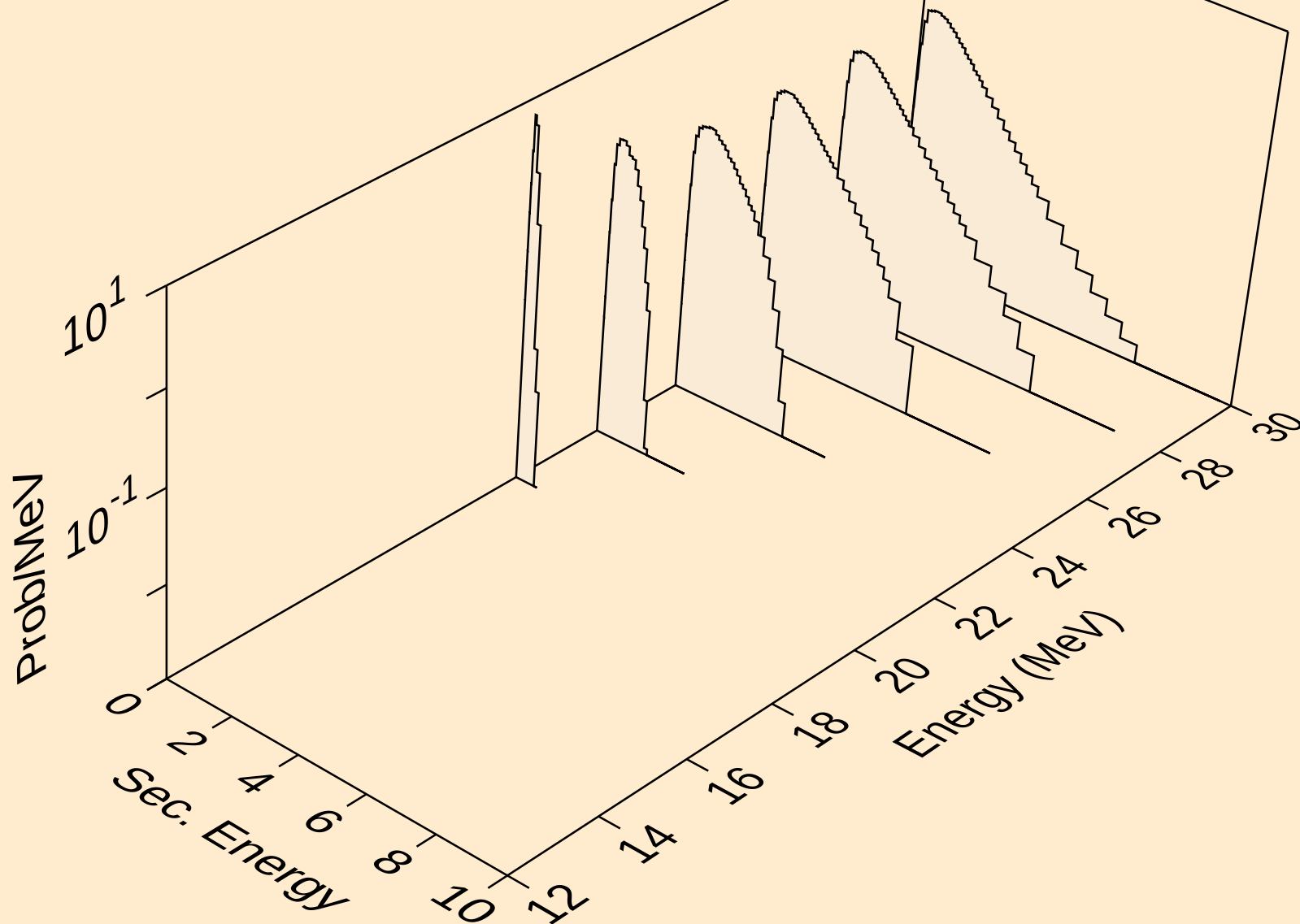
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)³a



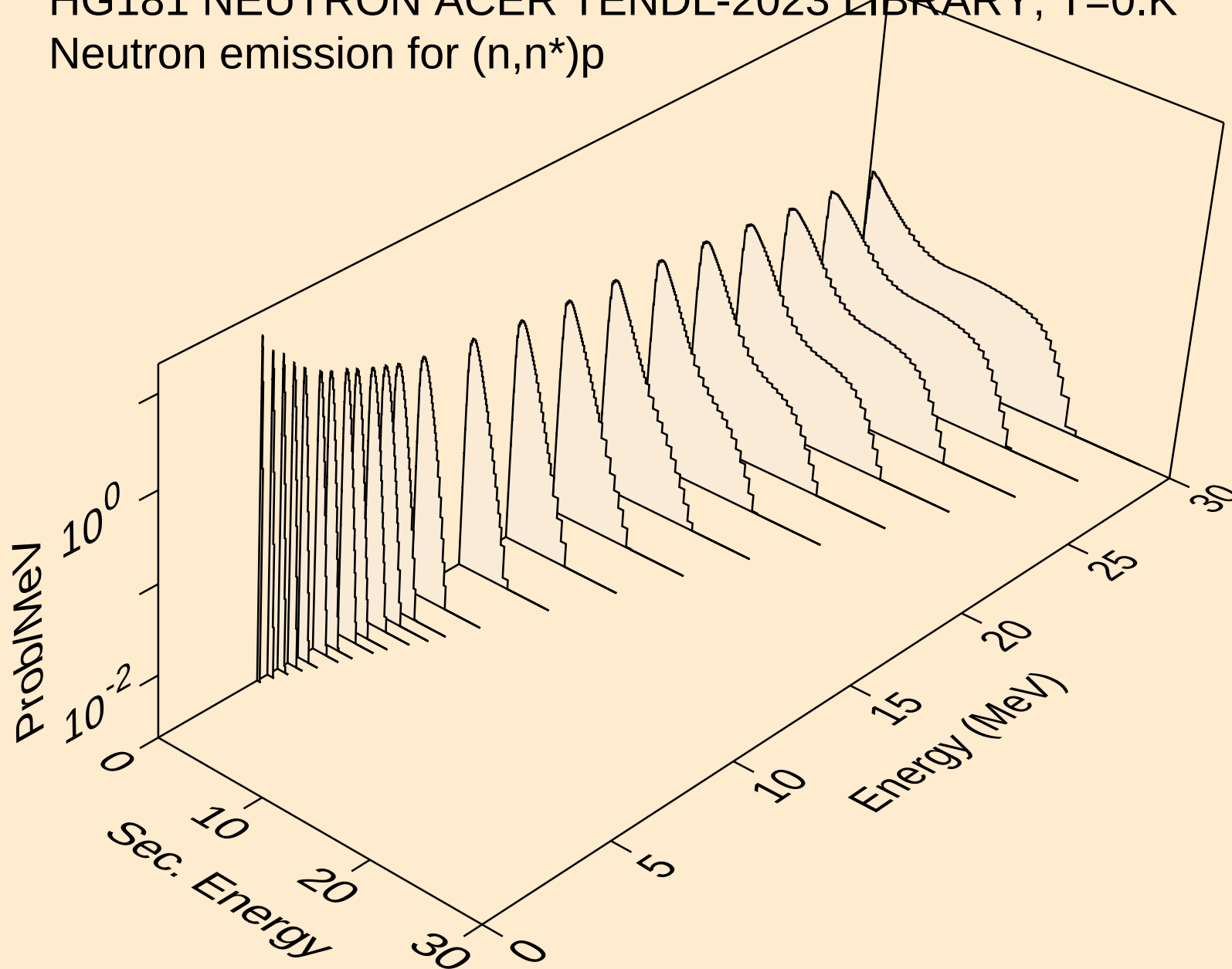
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)a



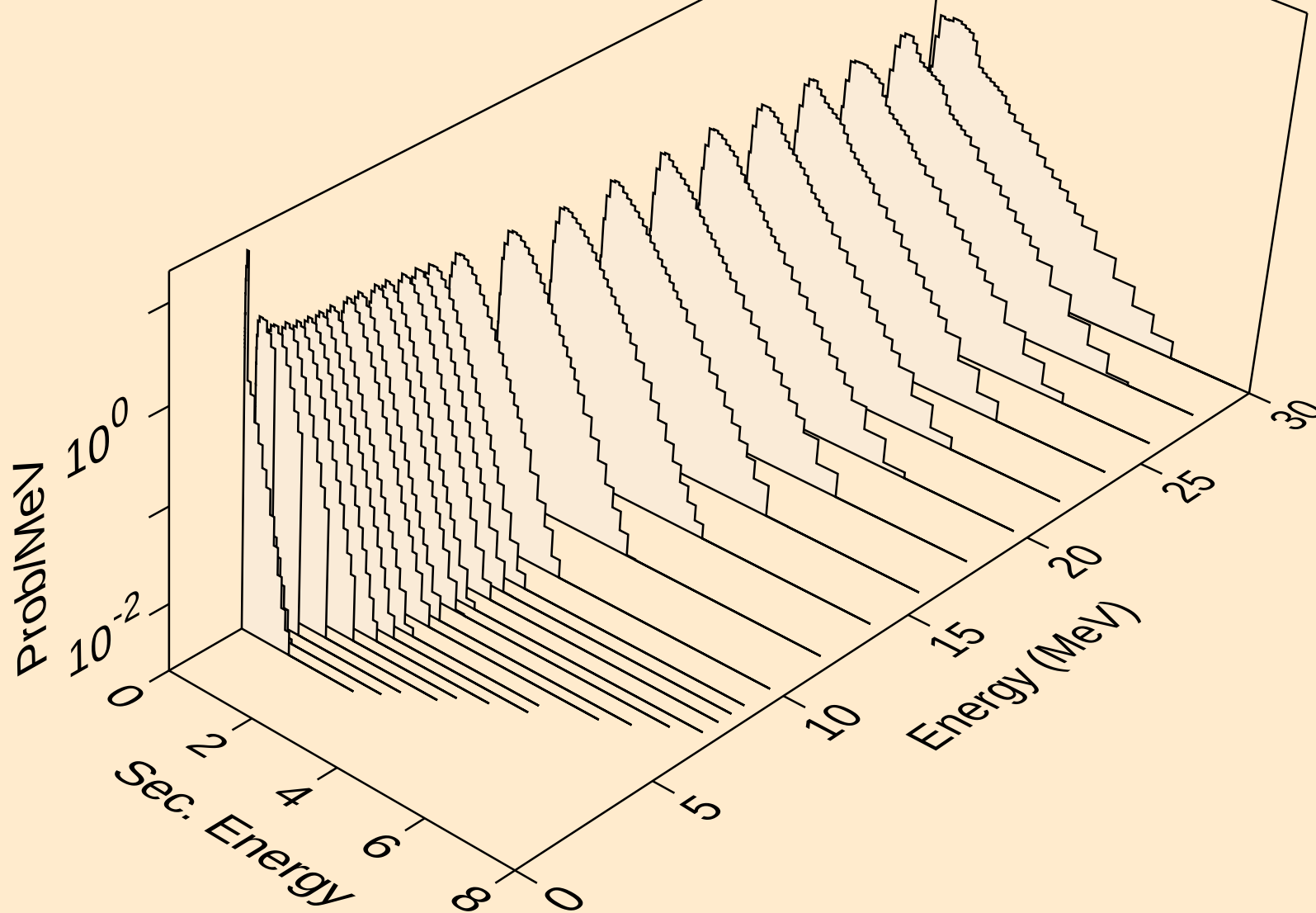
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



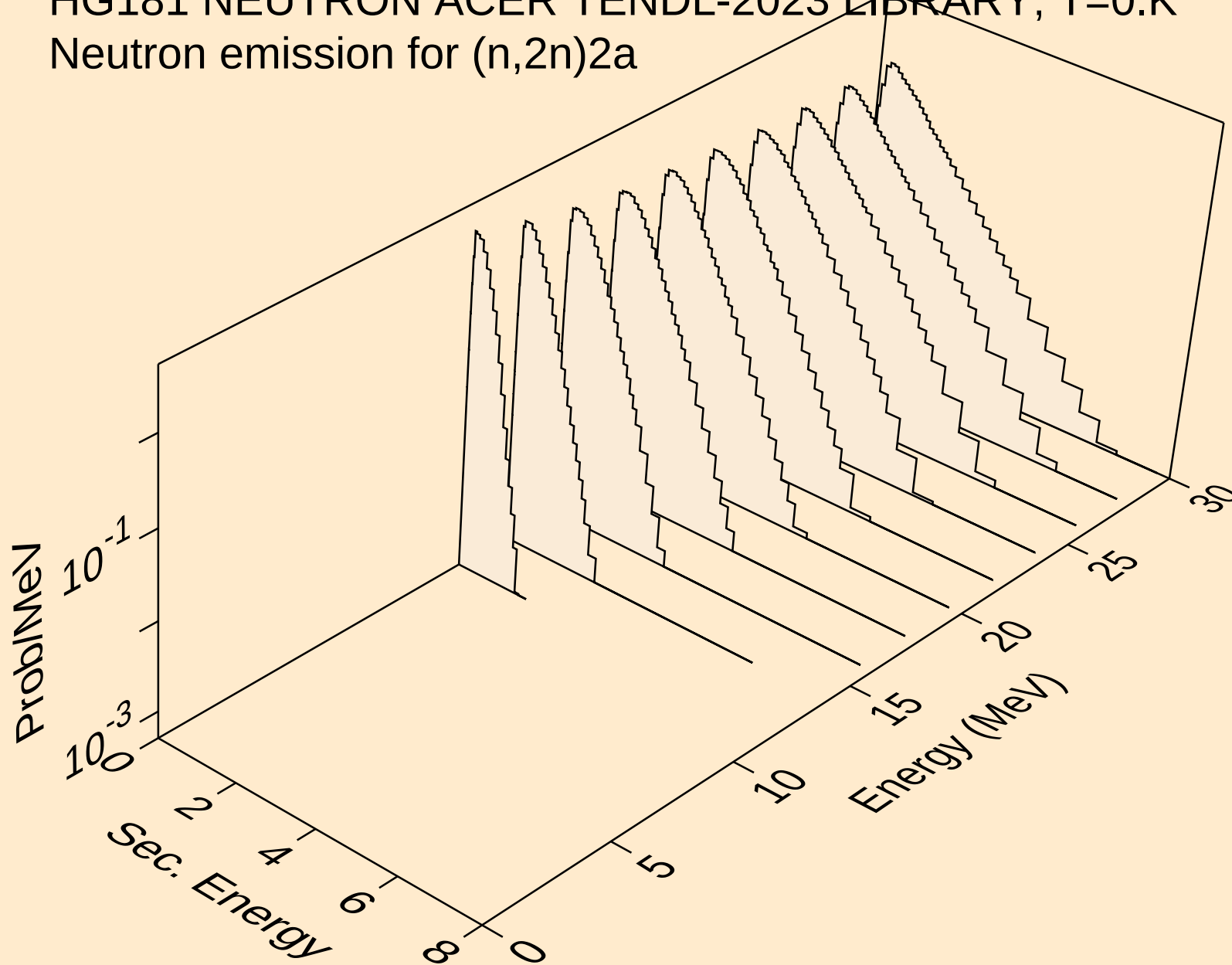
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



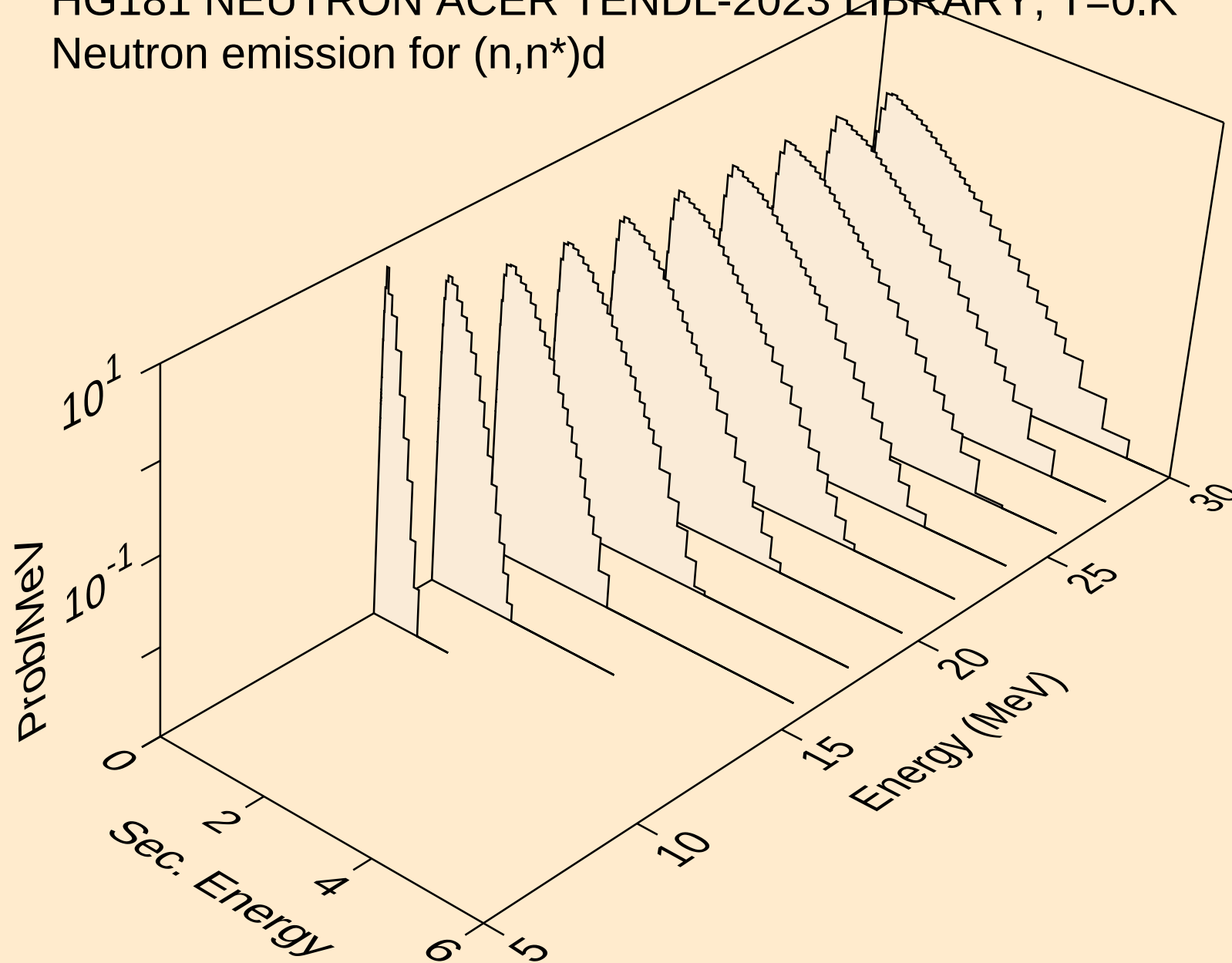
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



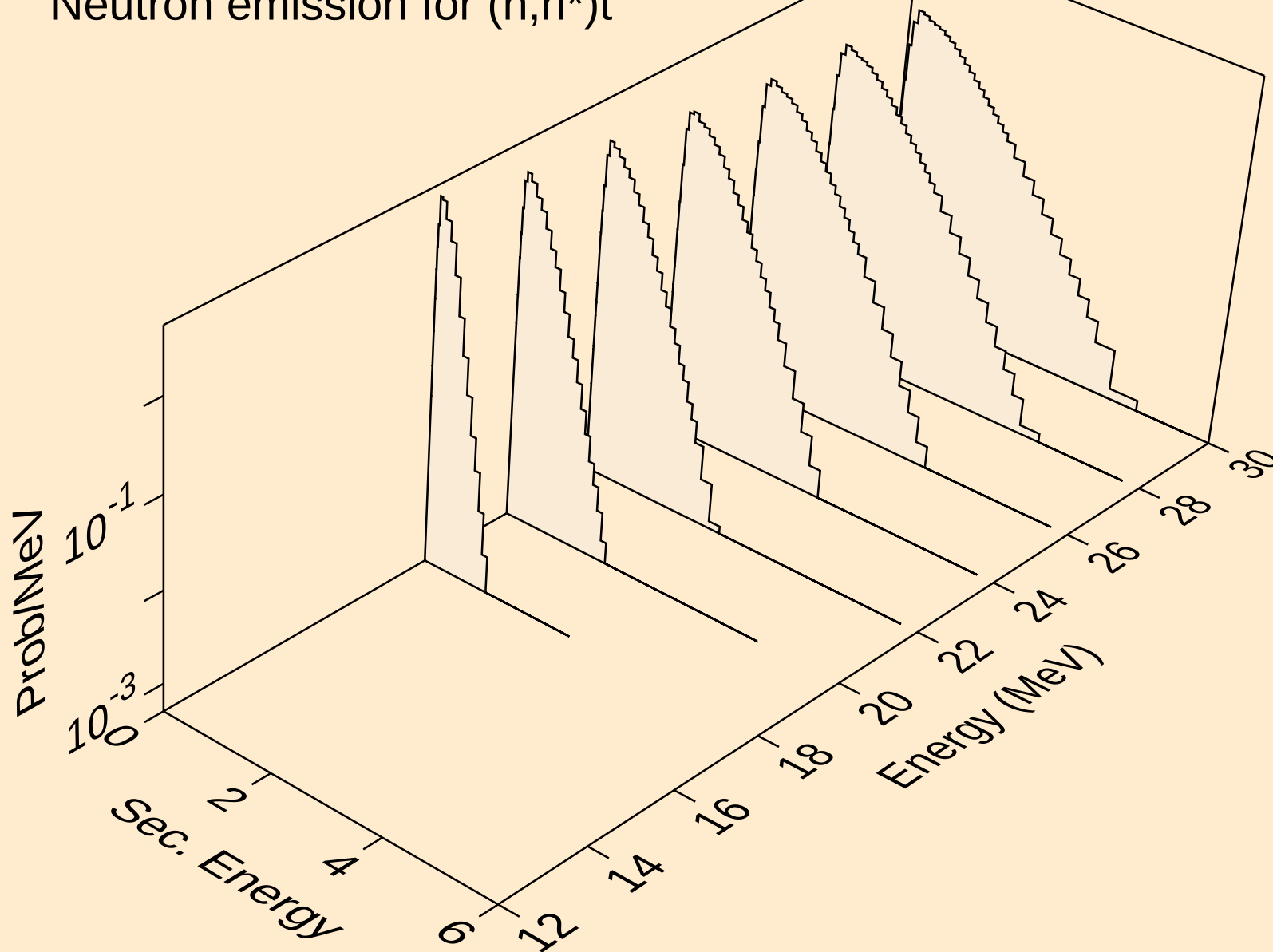
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)2a



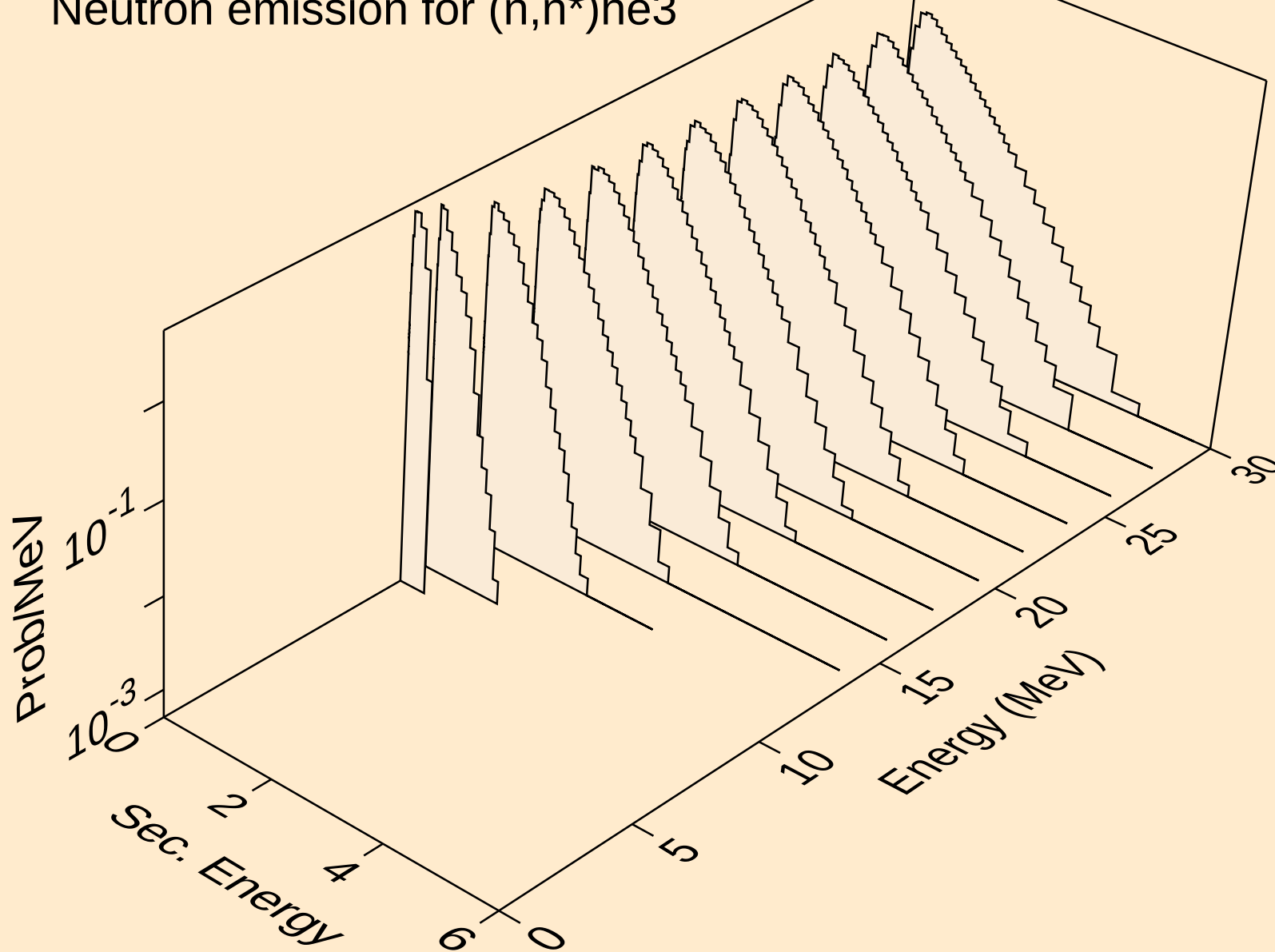
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



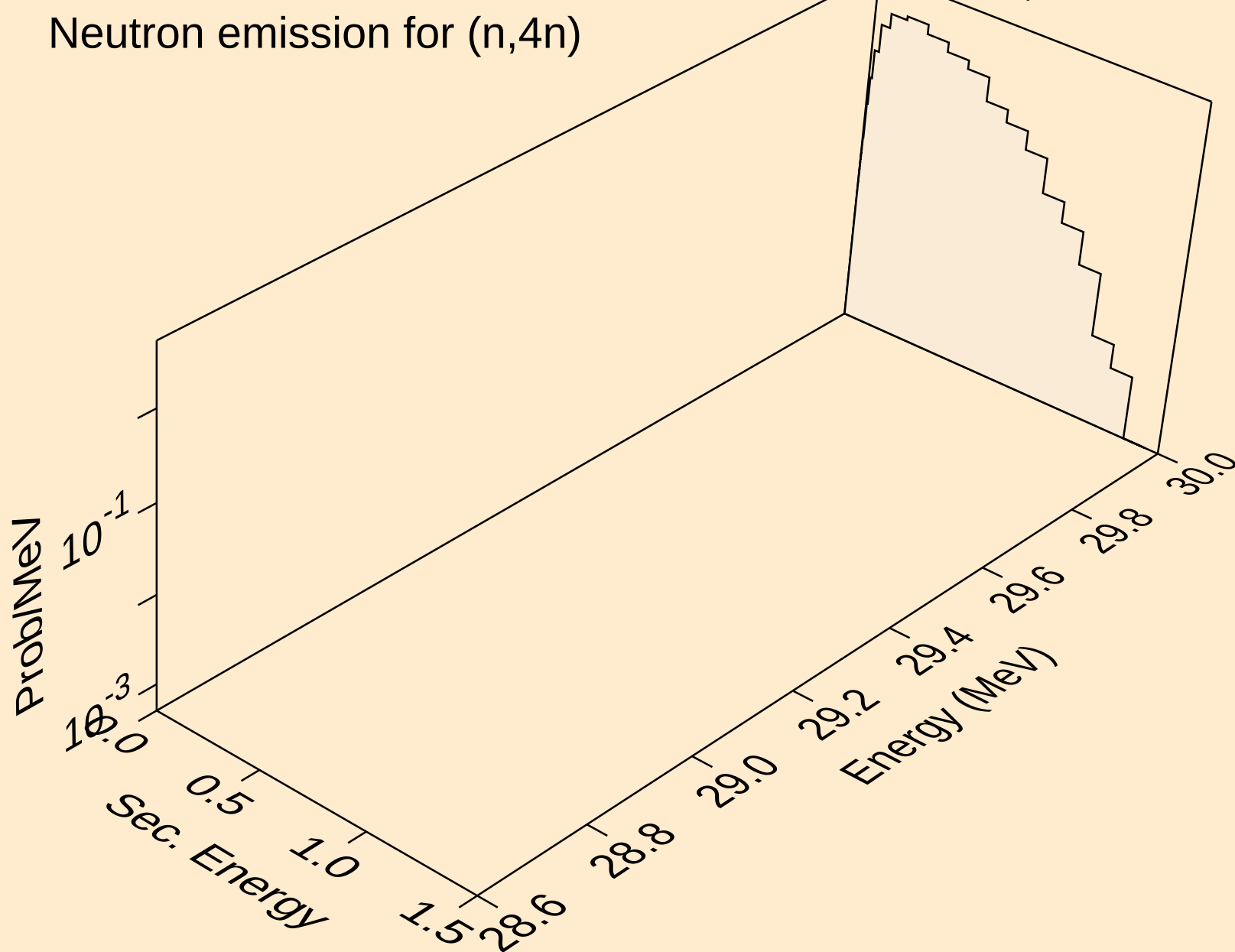
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



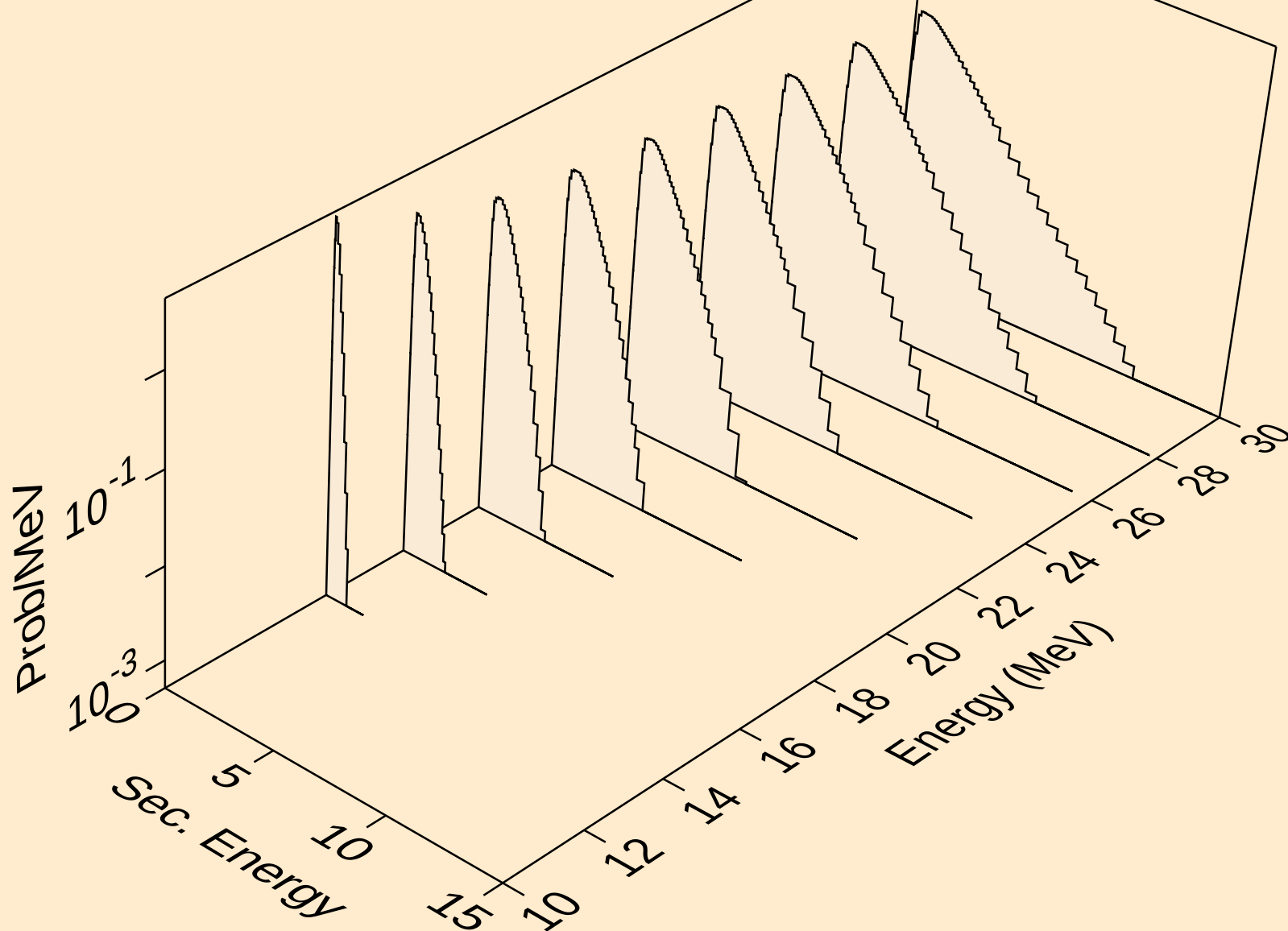
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



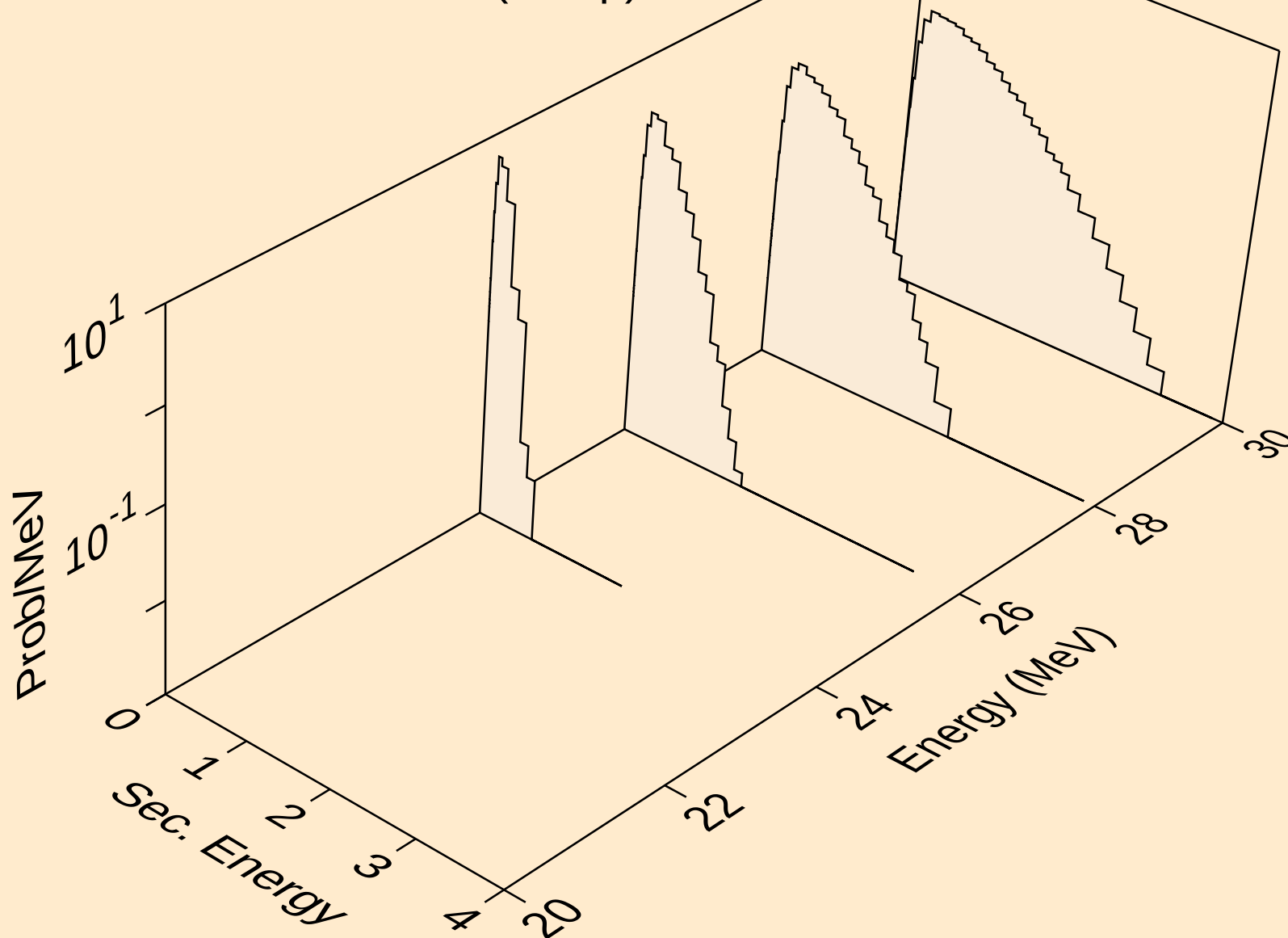
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



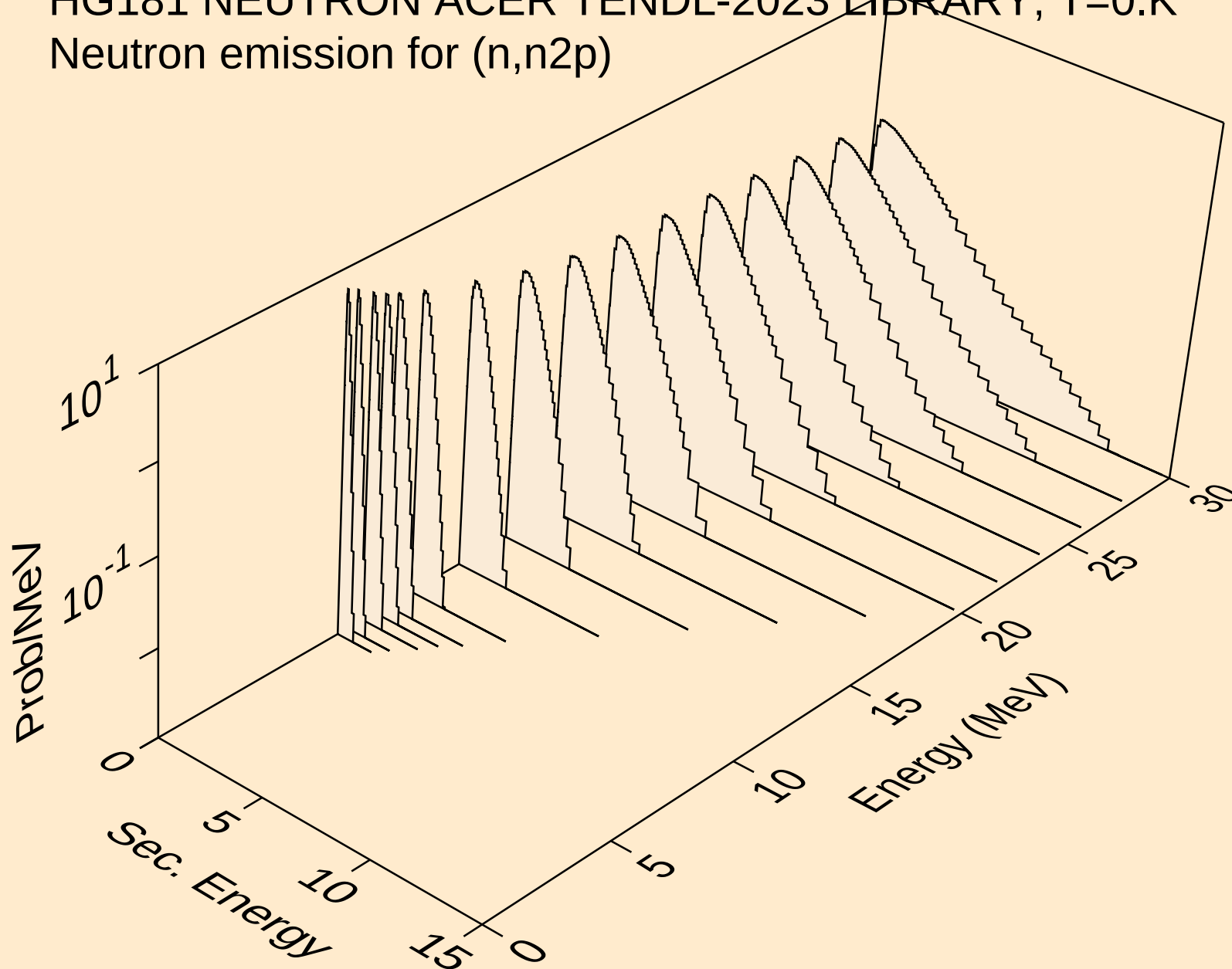
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



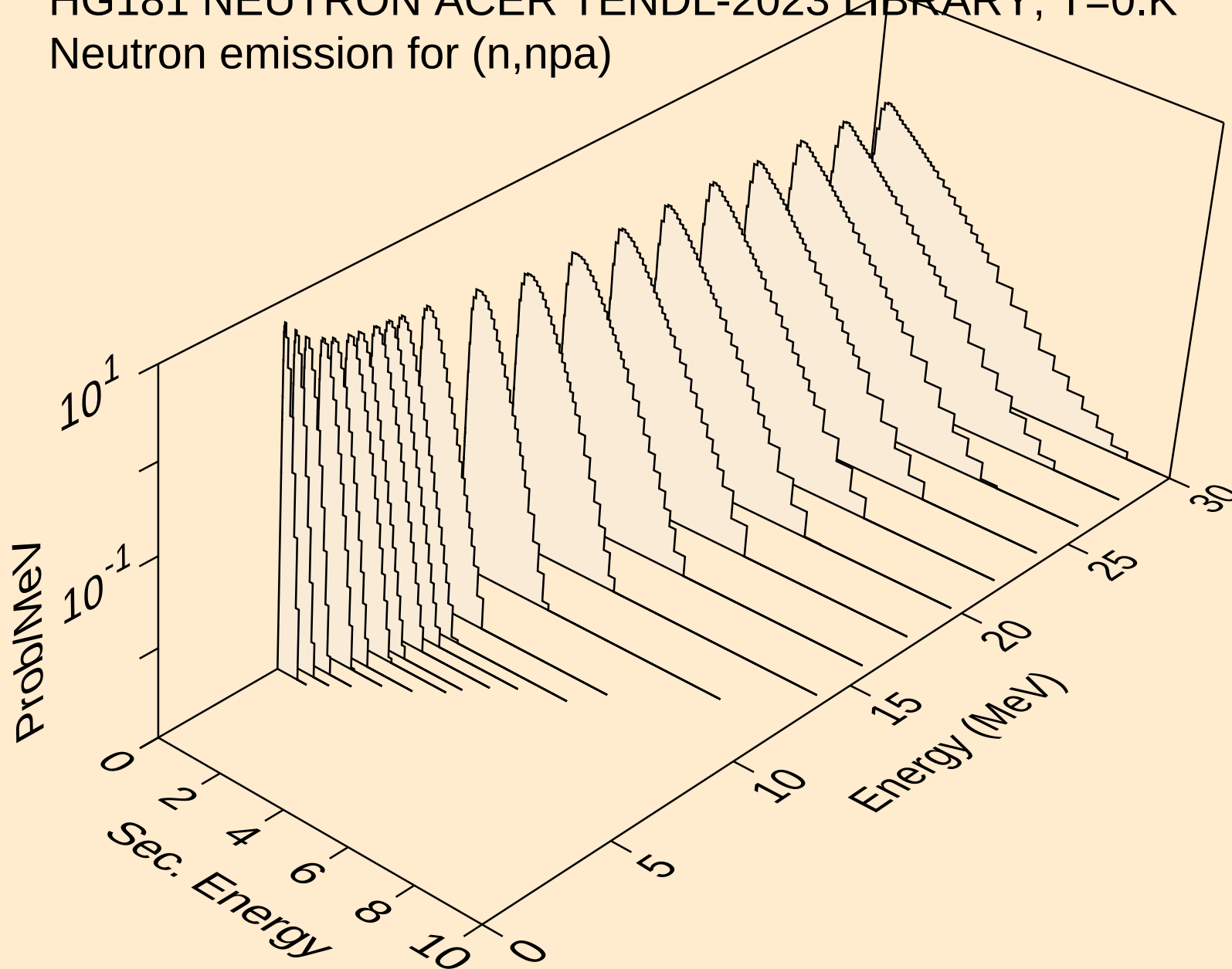
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



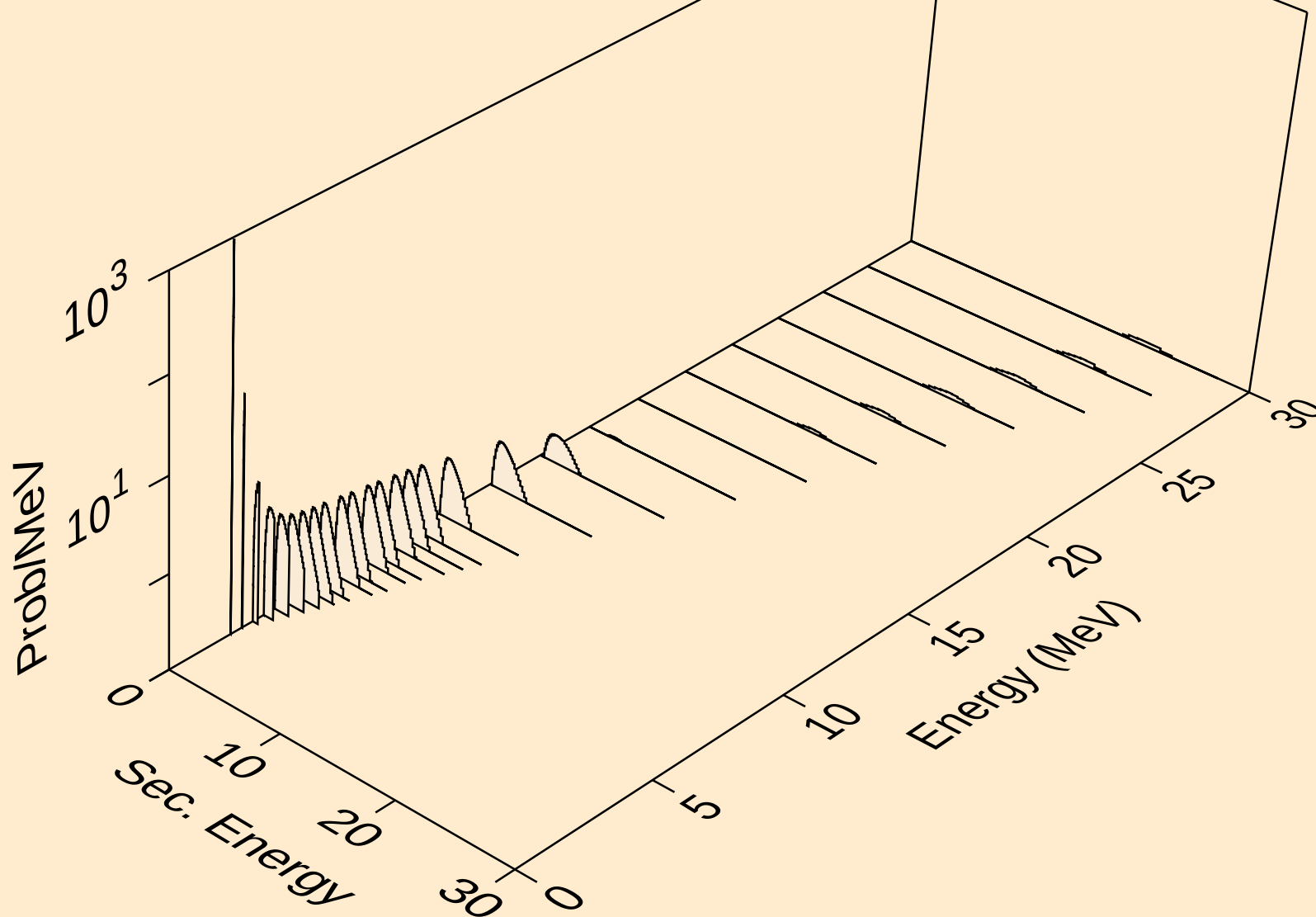
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



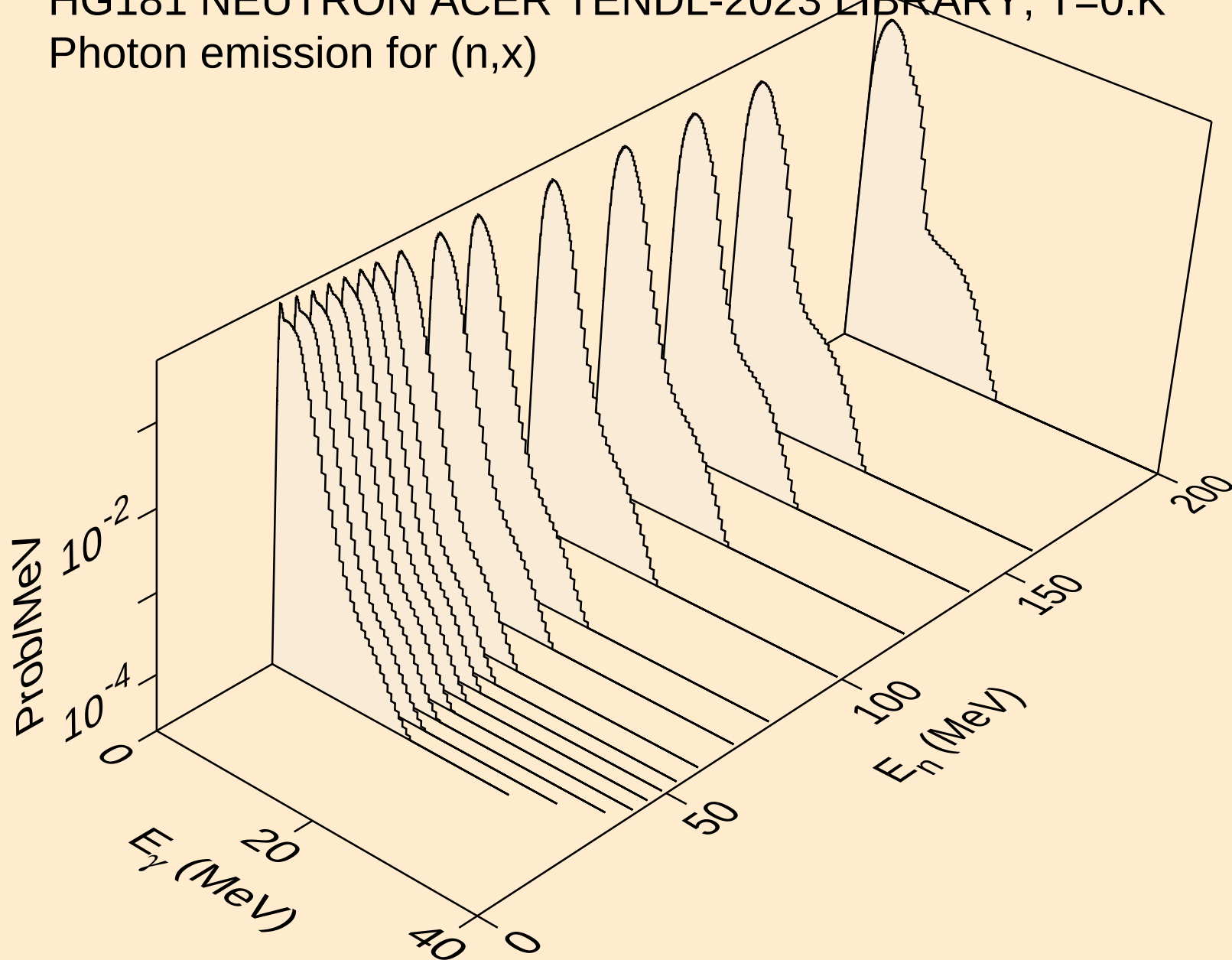
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)



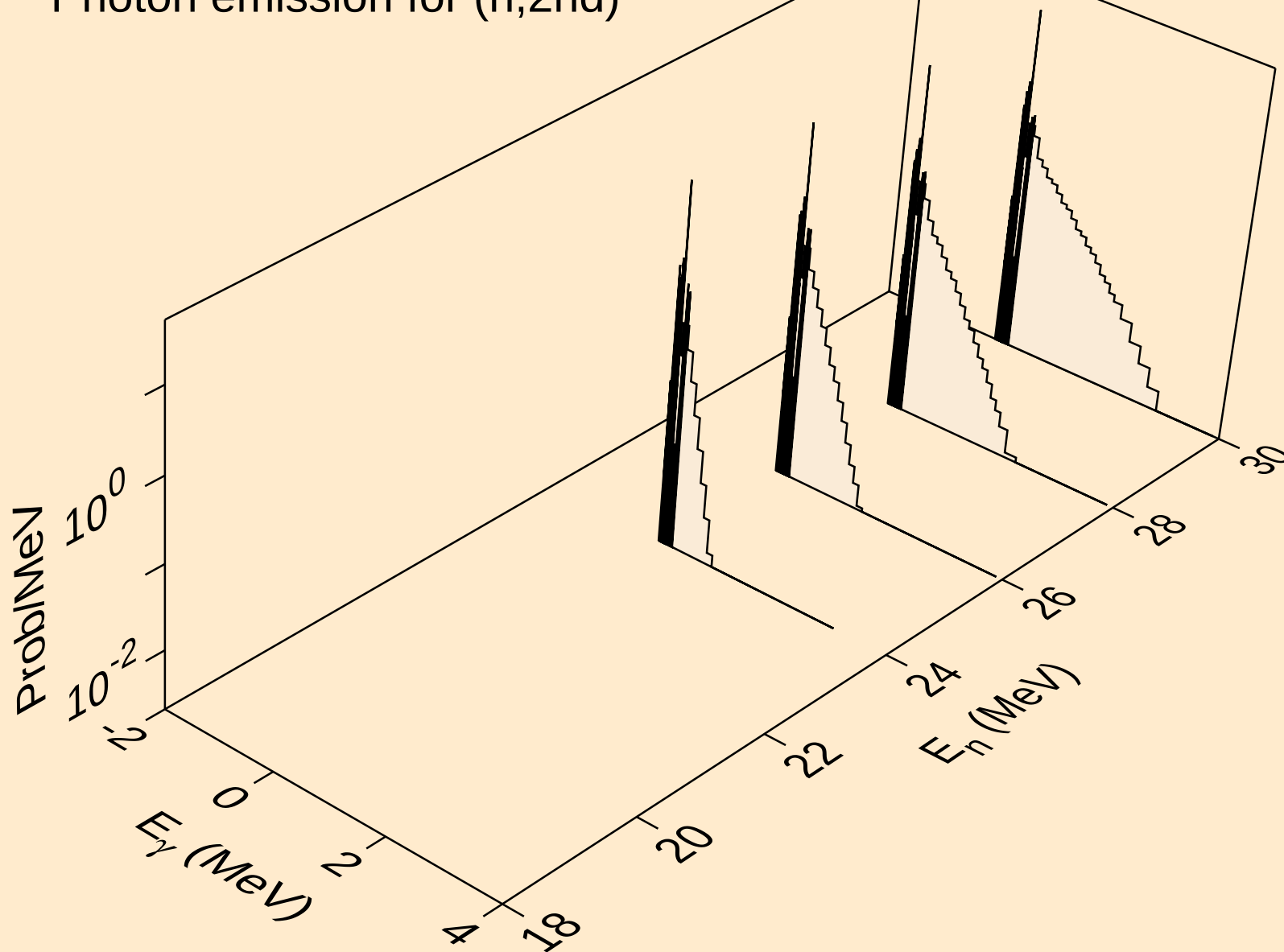
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



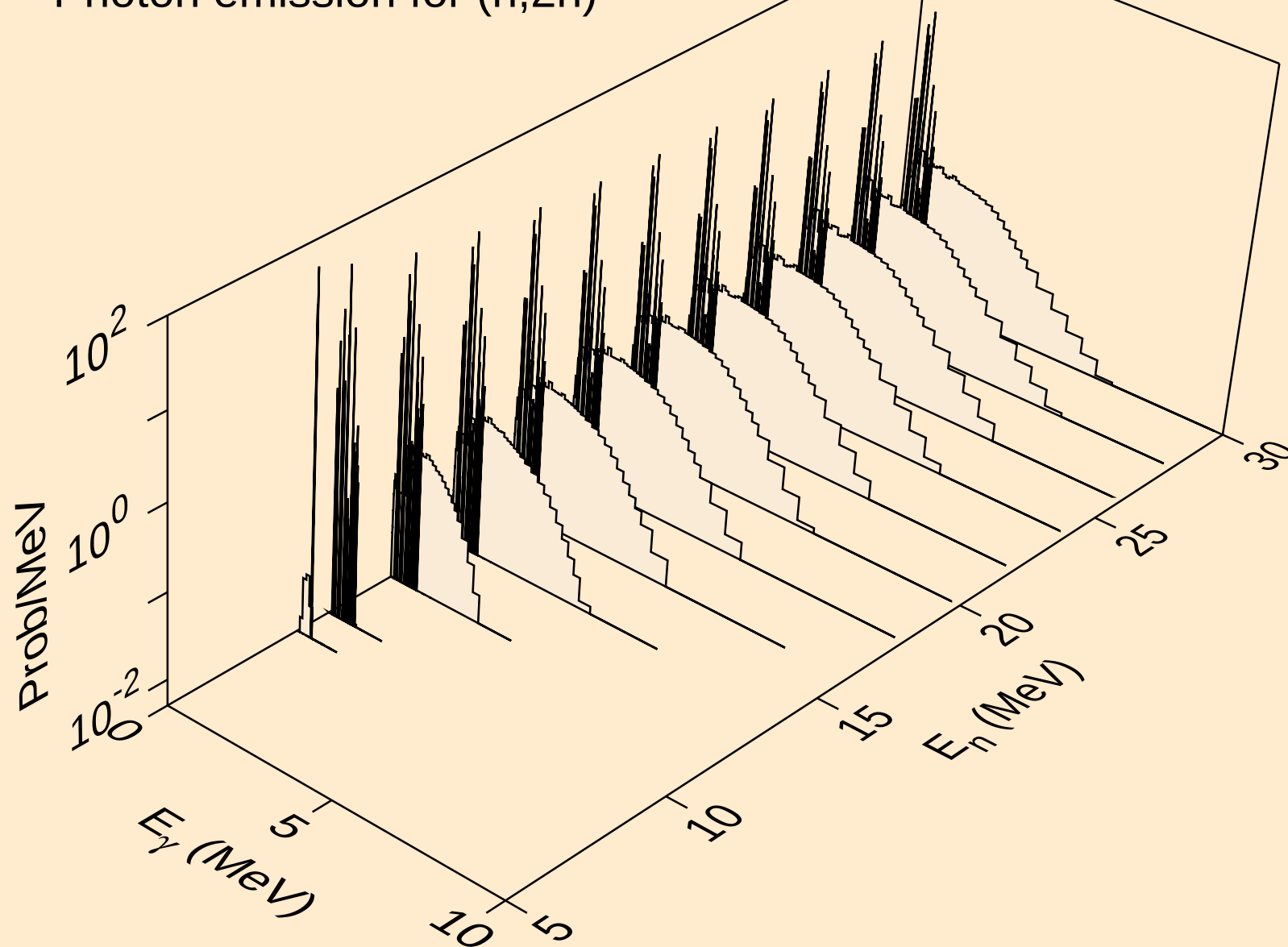
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



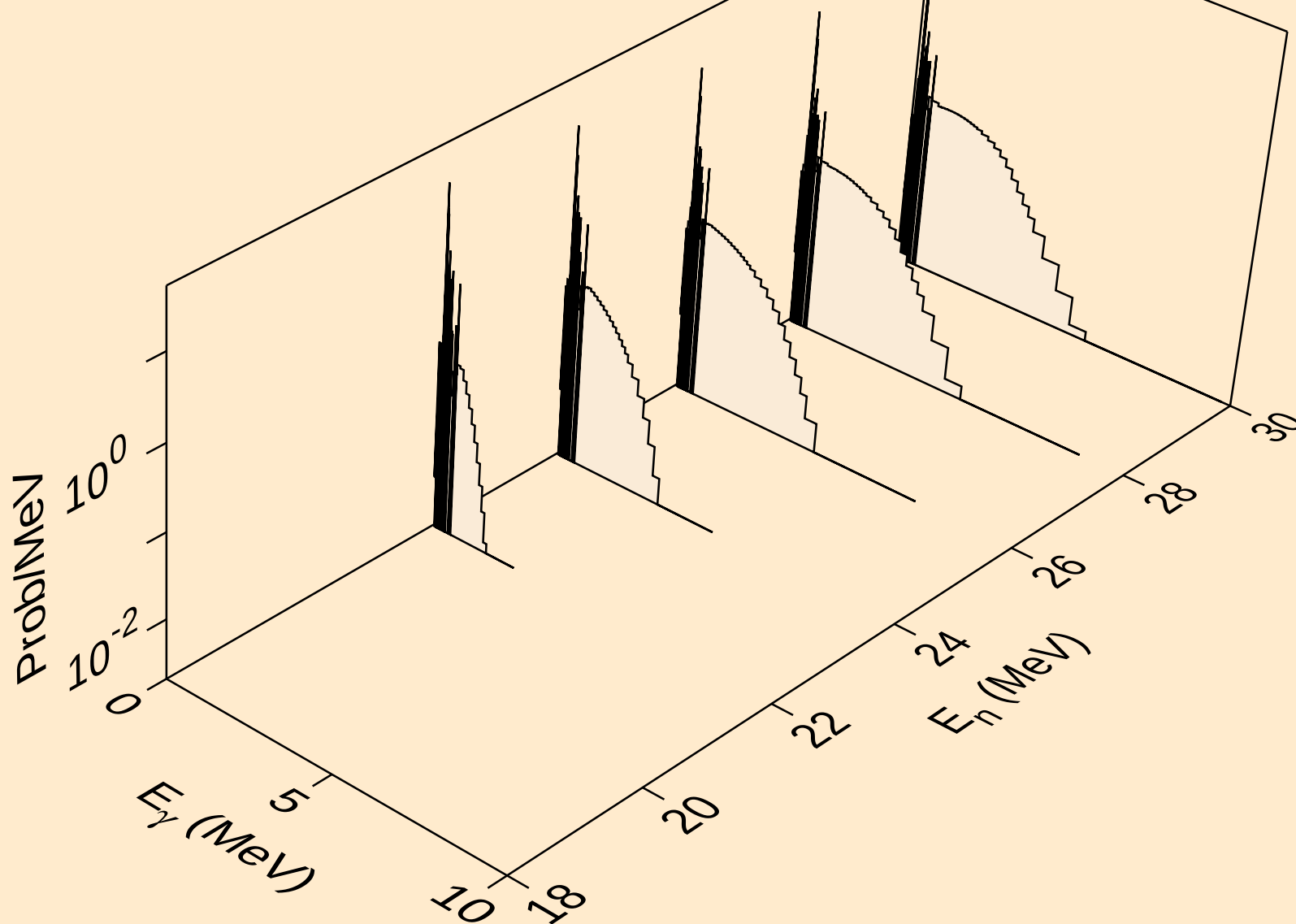
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



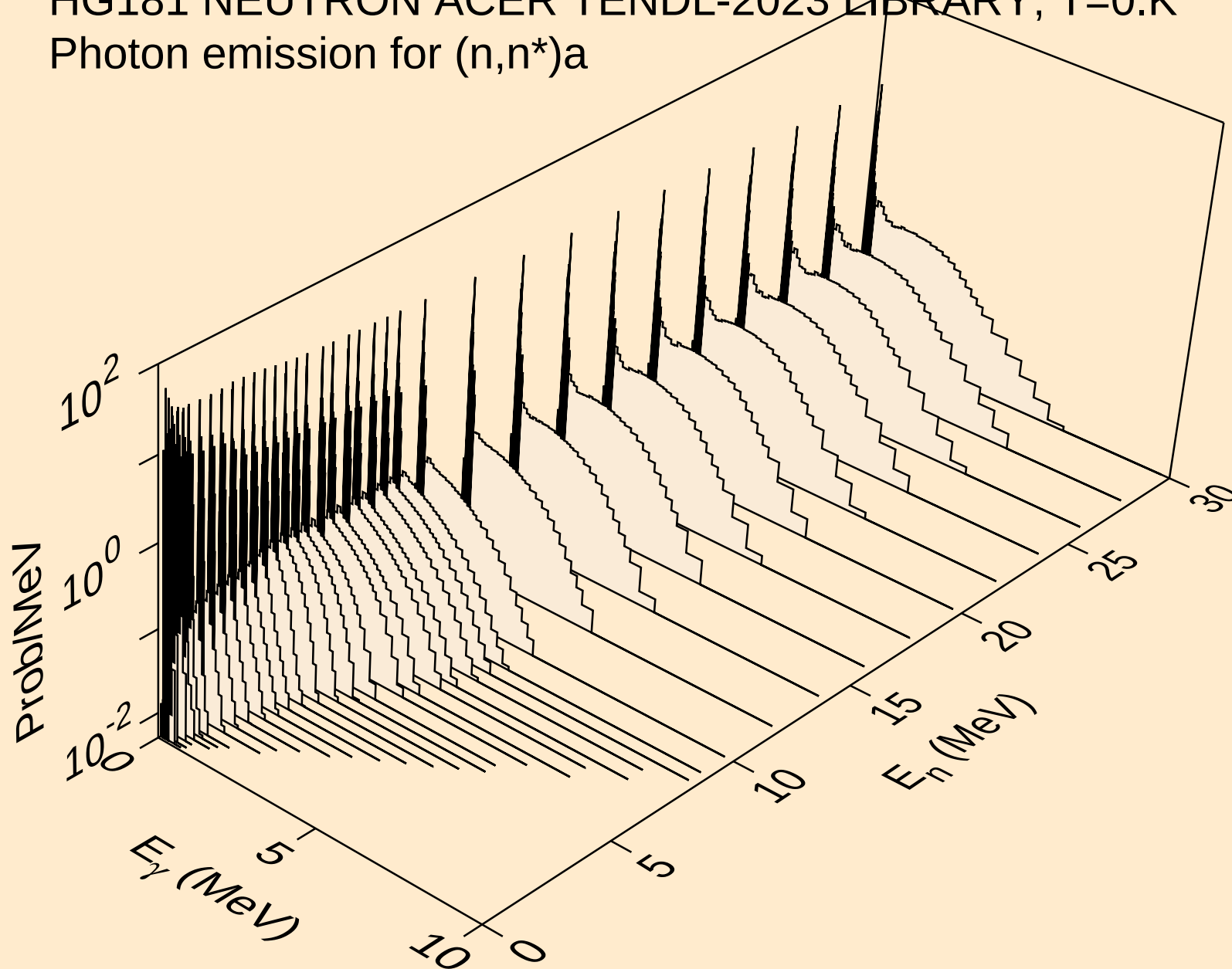
HG181 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2n)



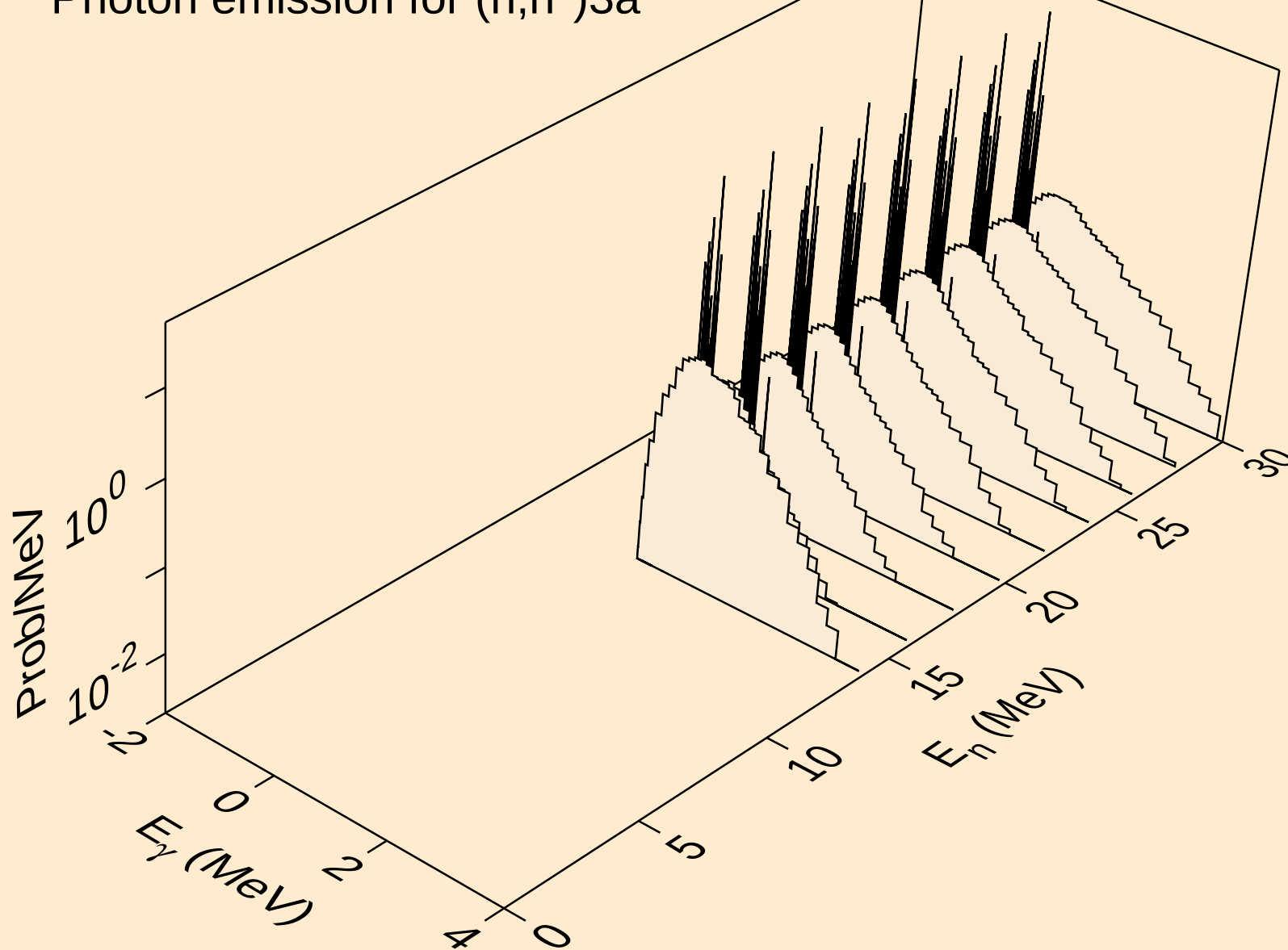
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



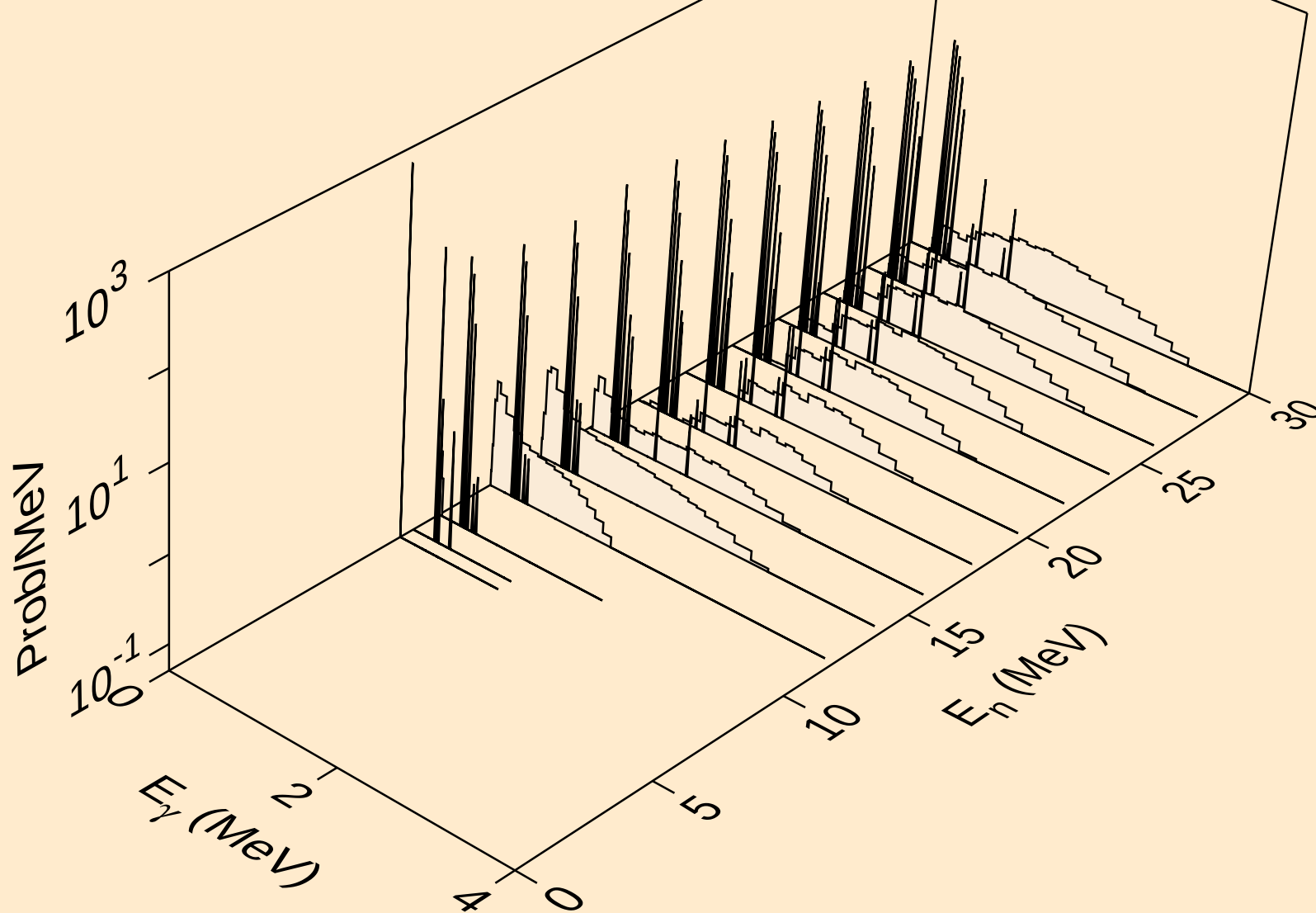
HG181 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)a$



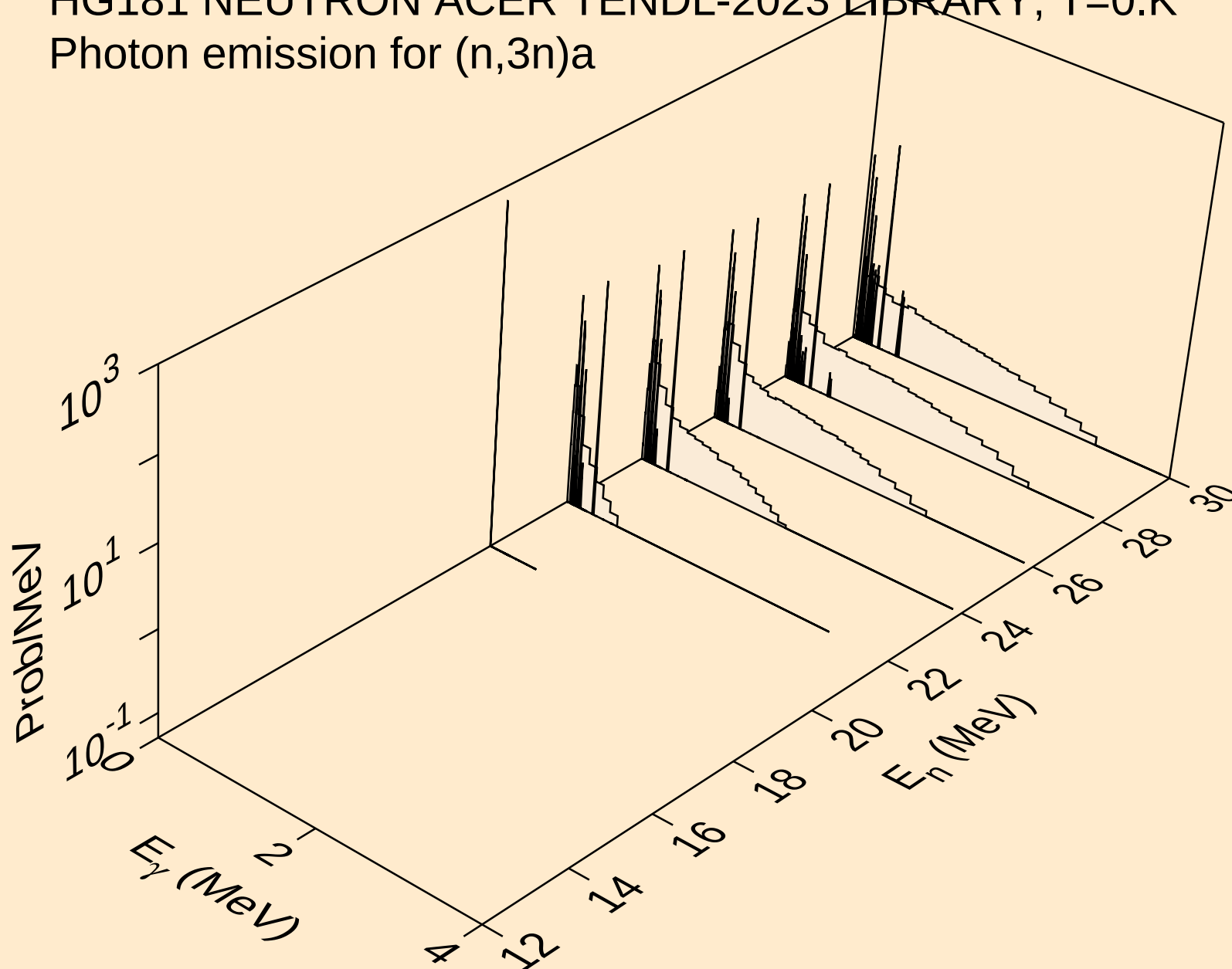
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)3a



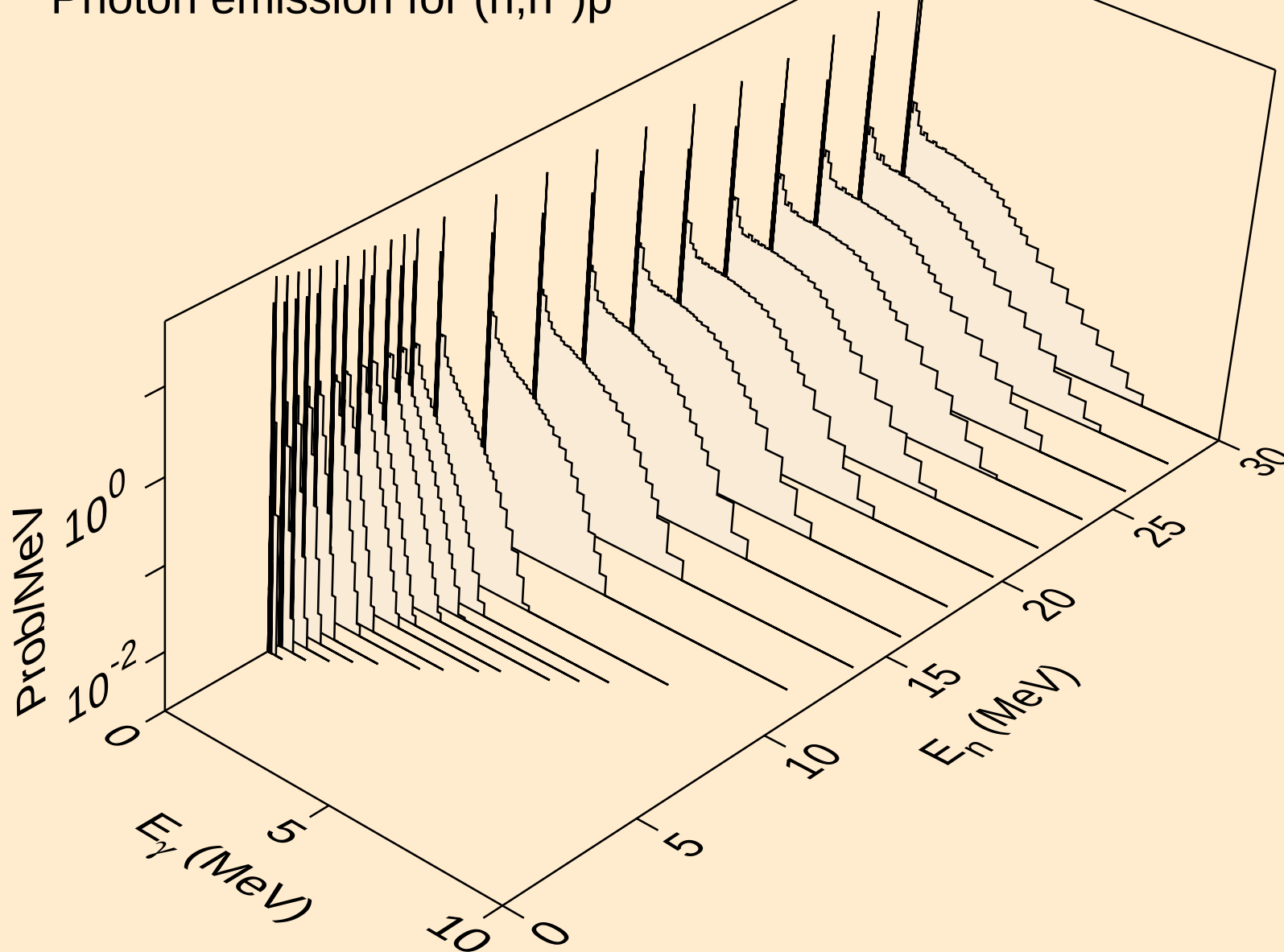
HG181 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2n) α



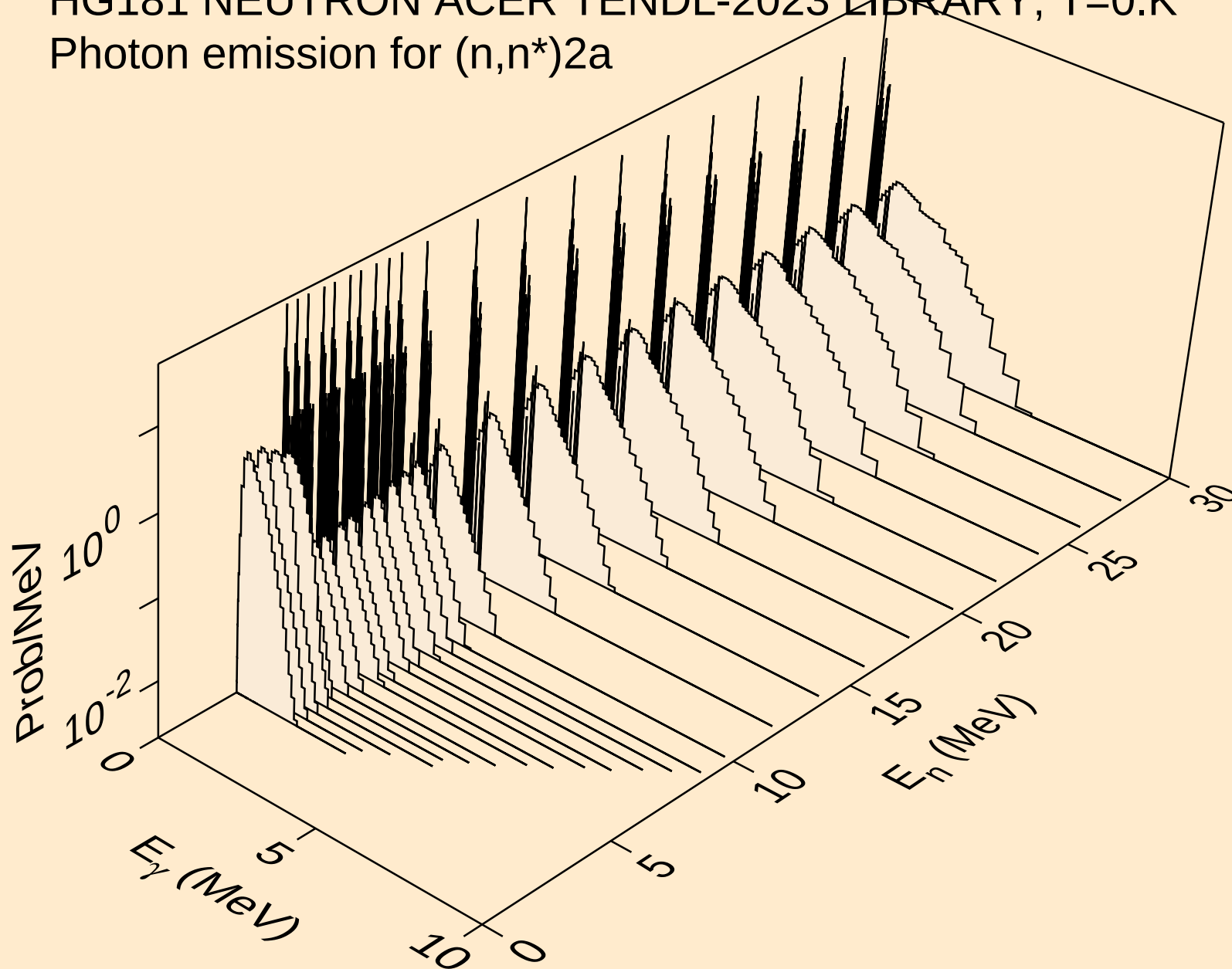
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Photon emission for (n,3n) α



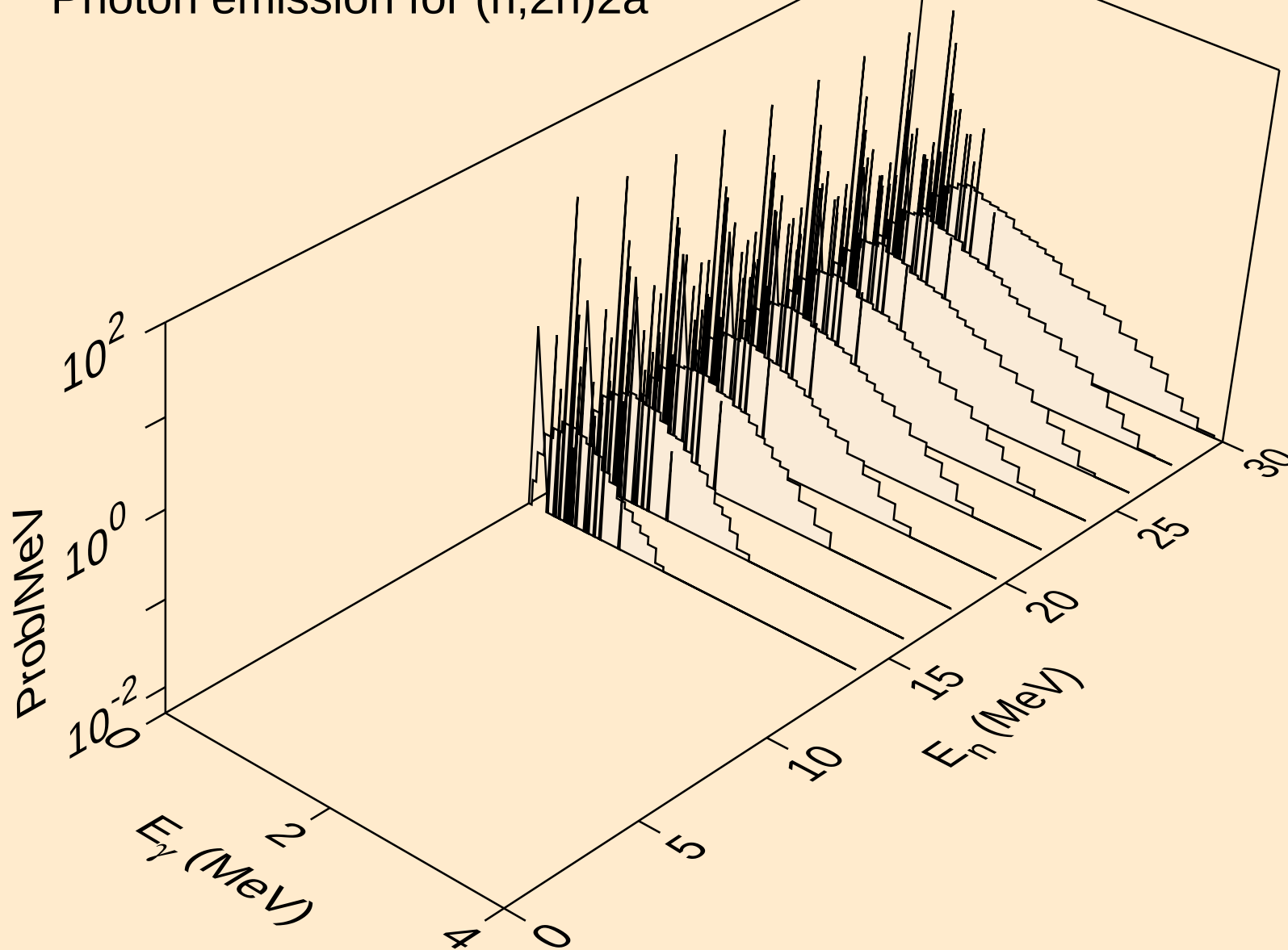
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



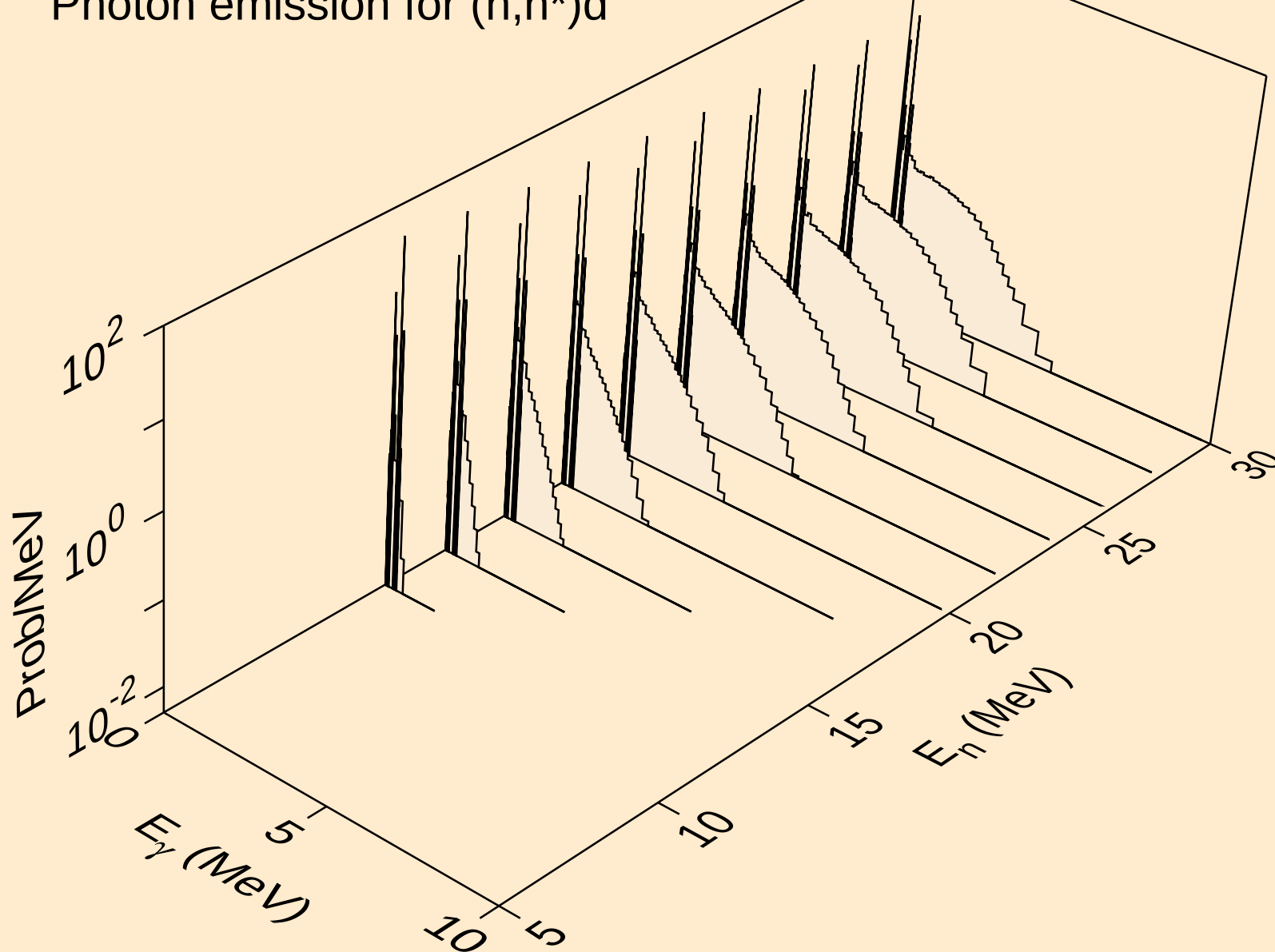
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



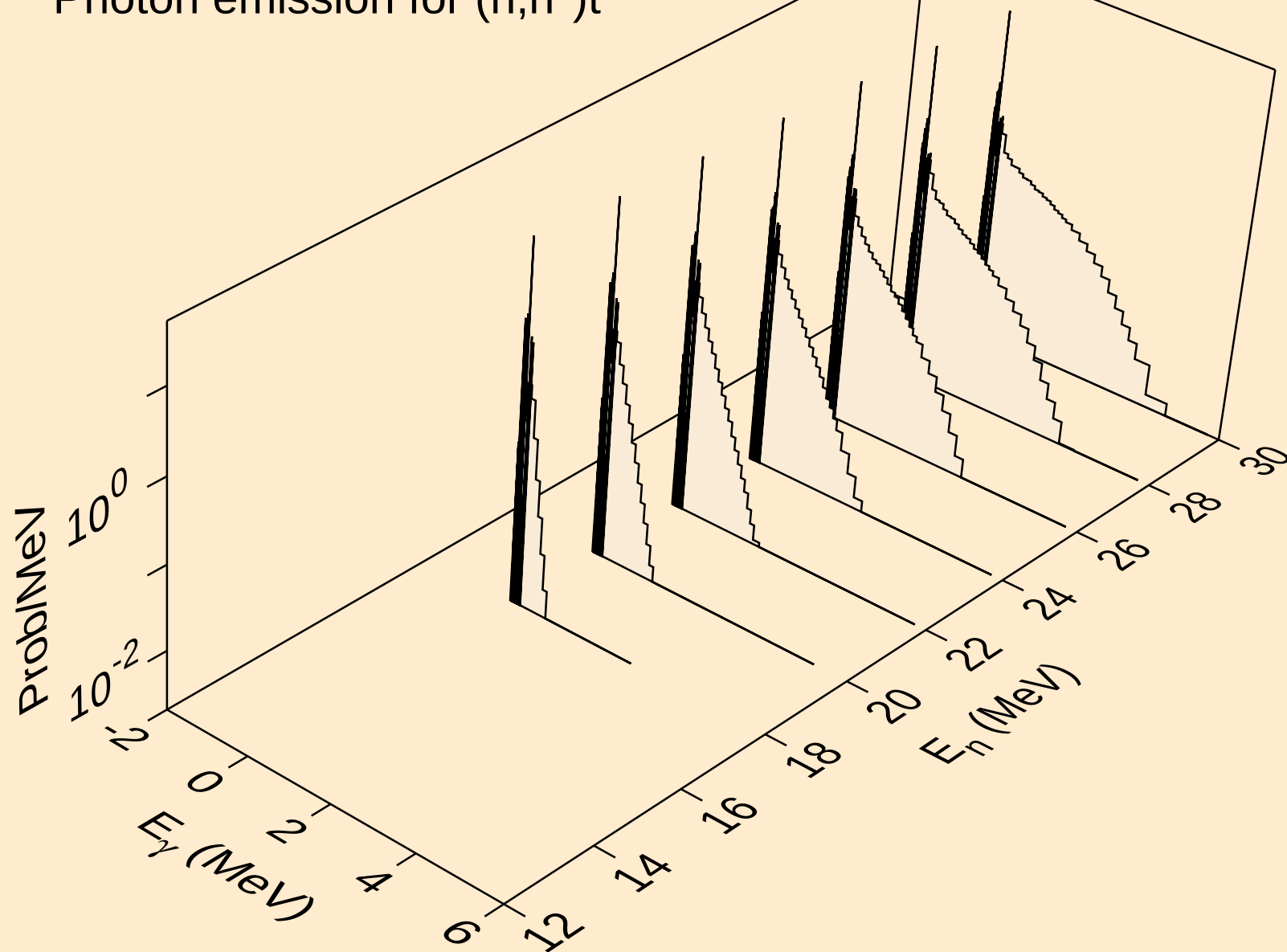
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)2a



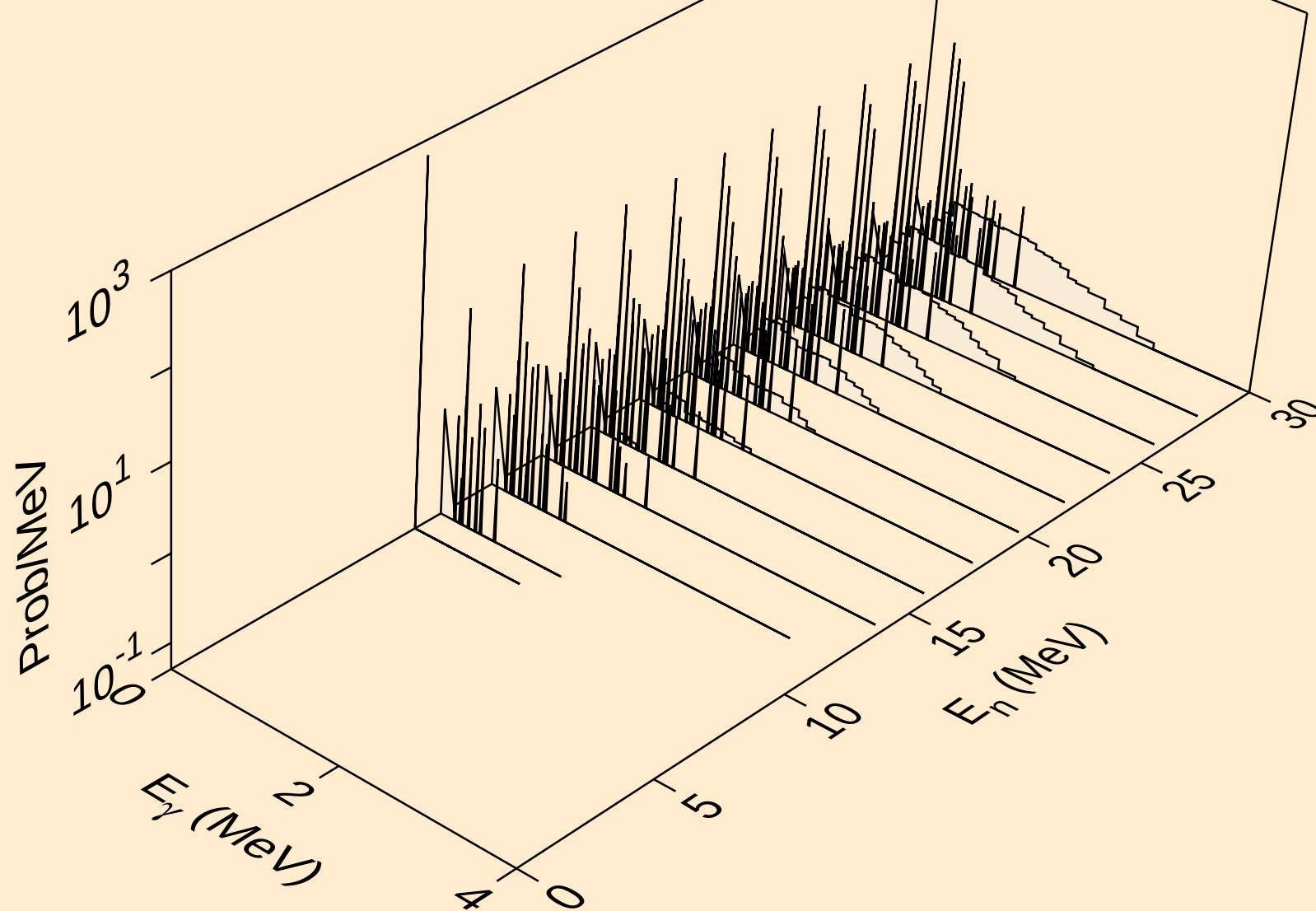
HG181 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)d$



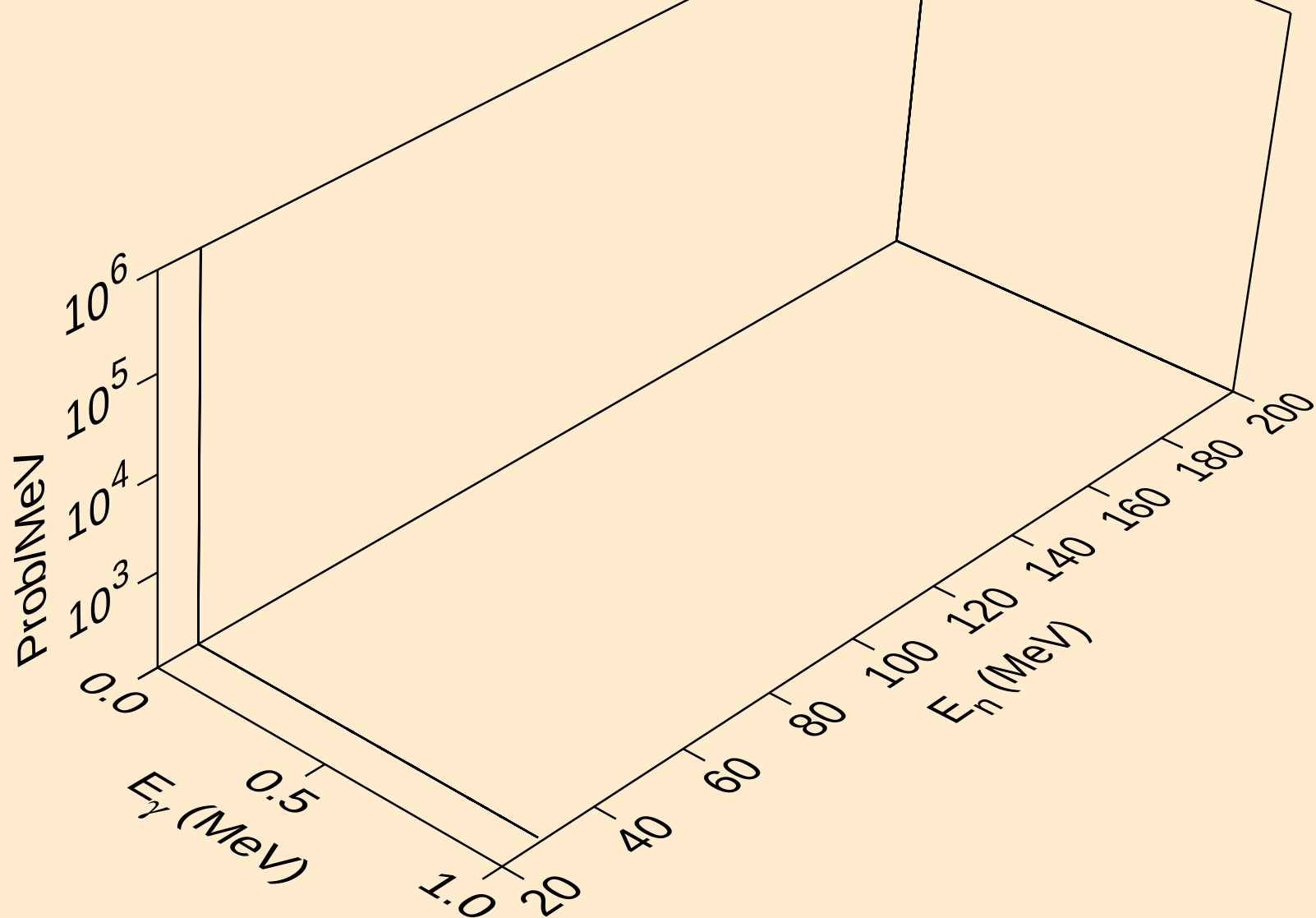
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



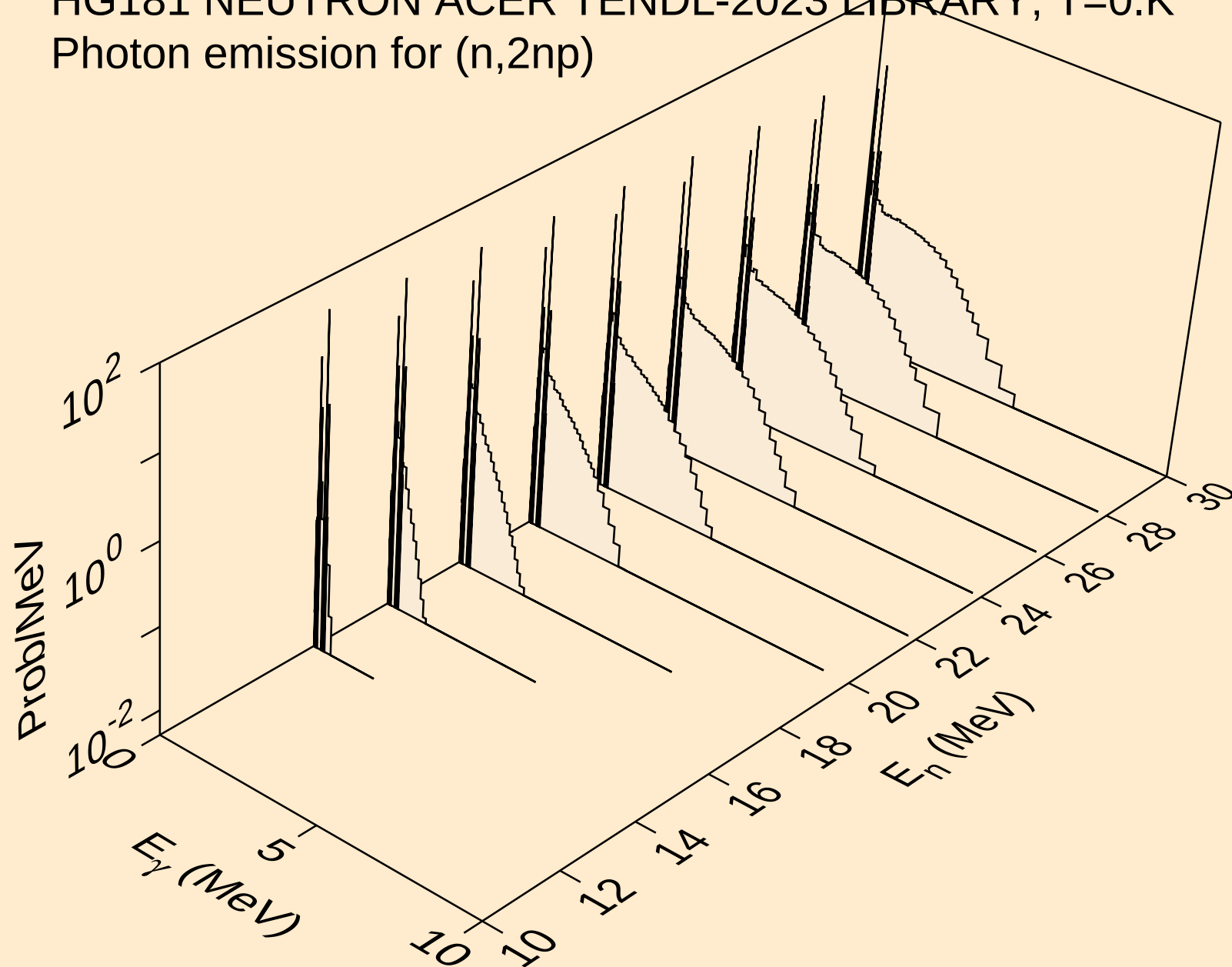
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



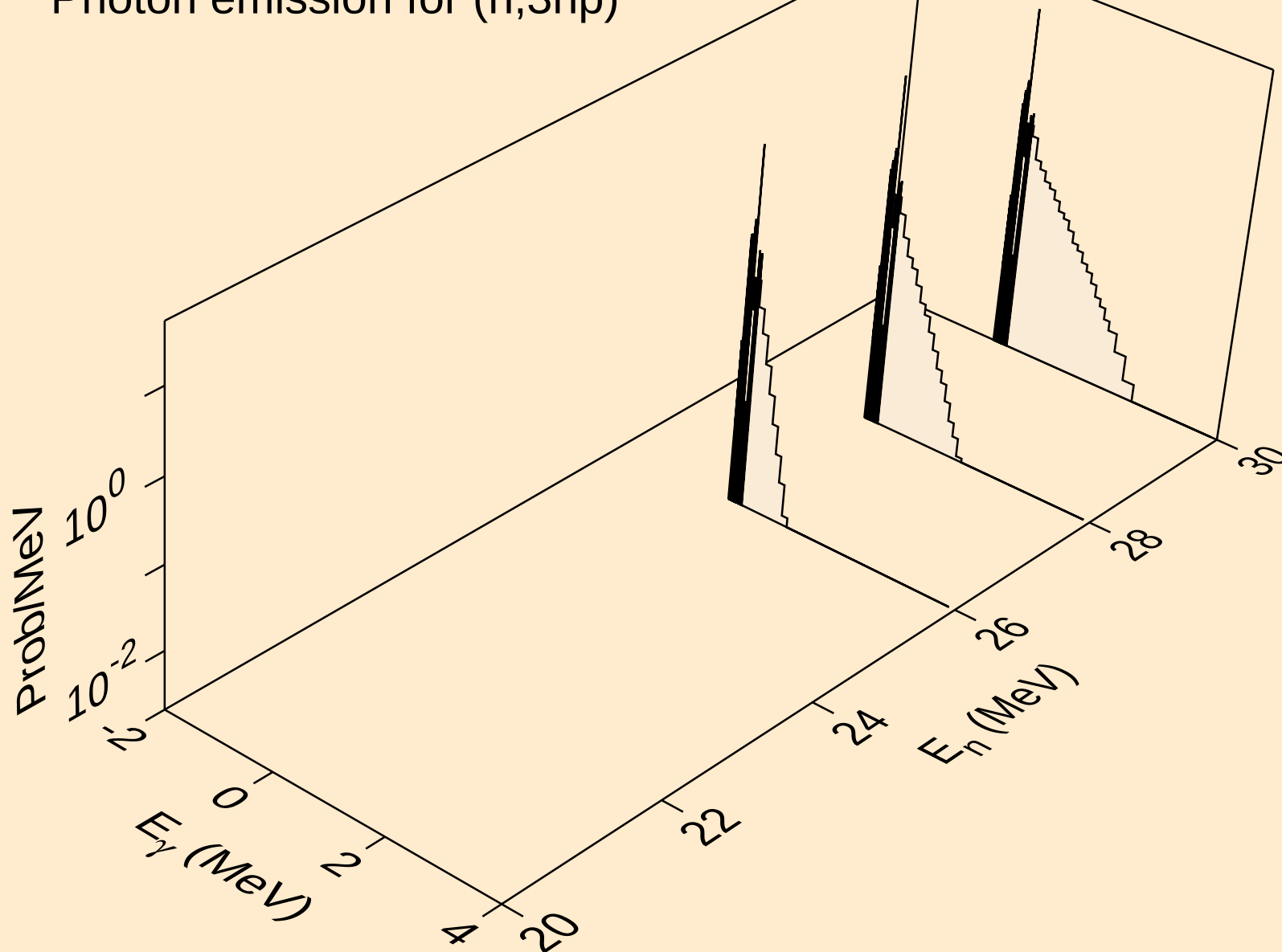
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



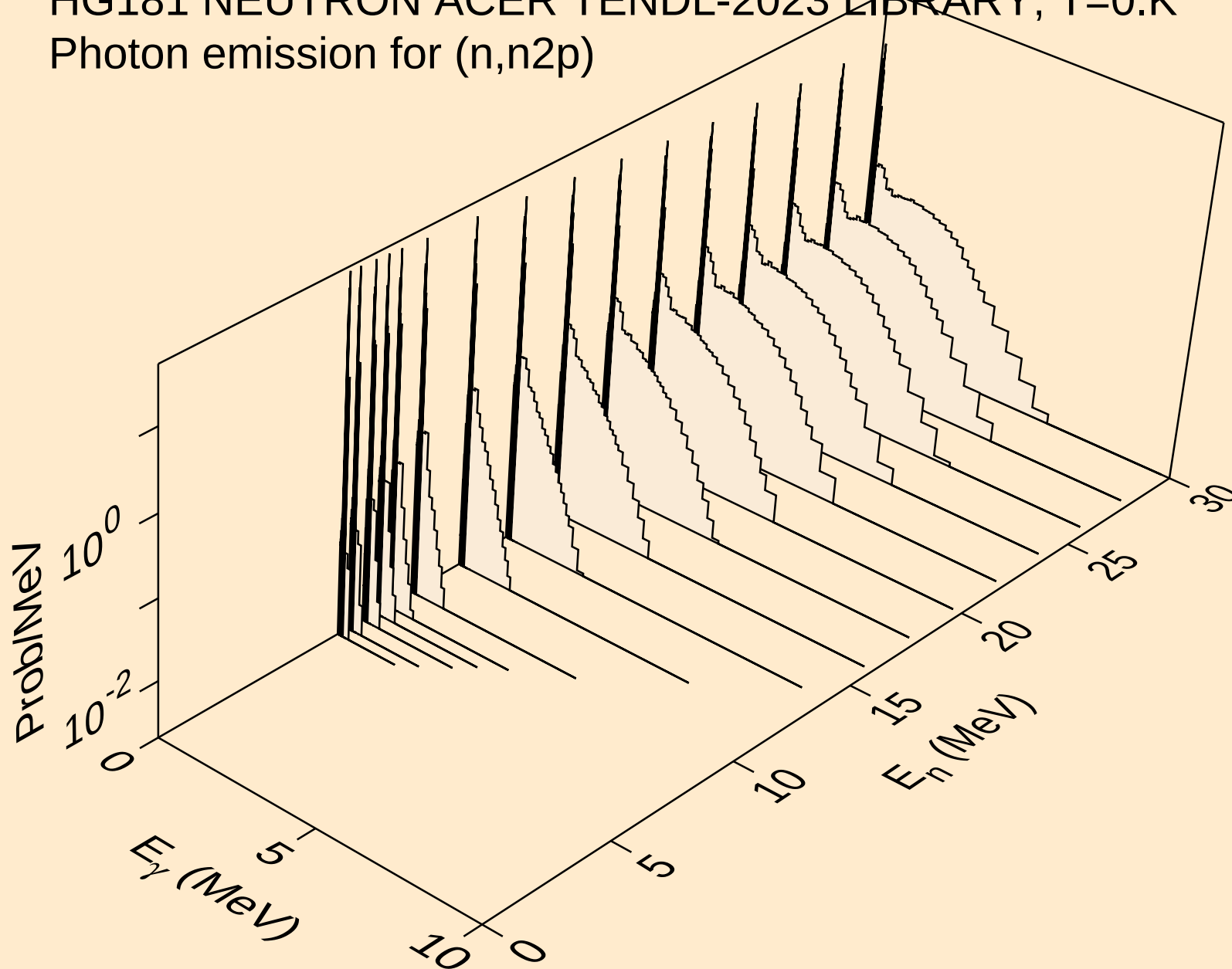
HG181 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2np)



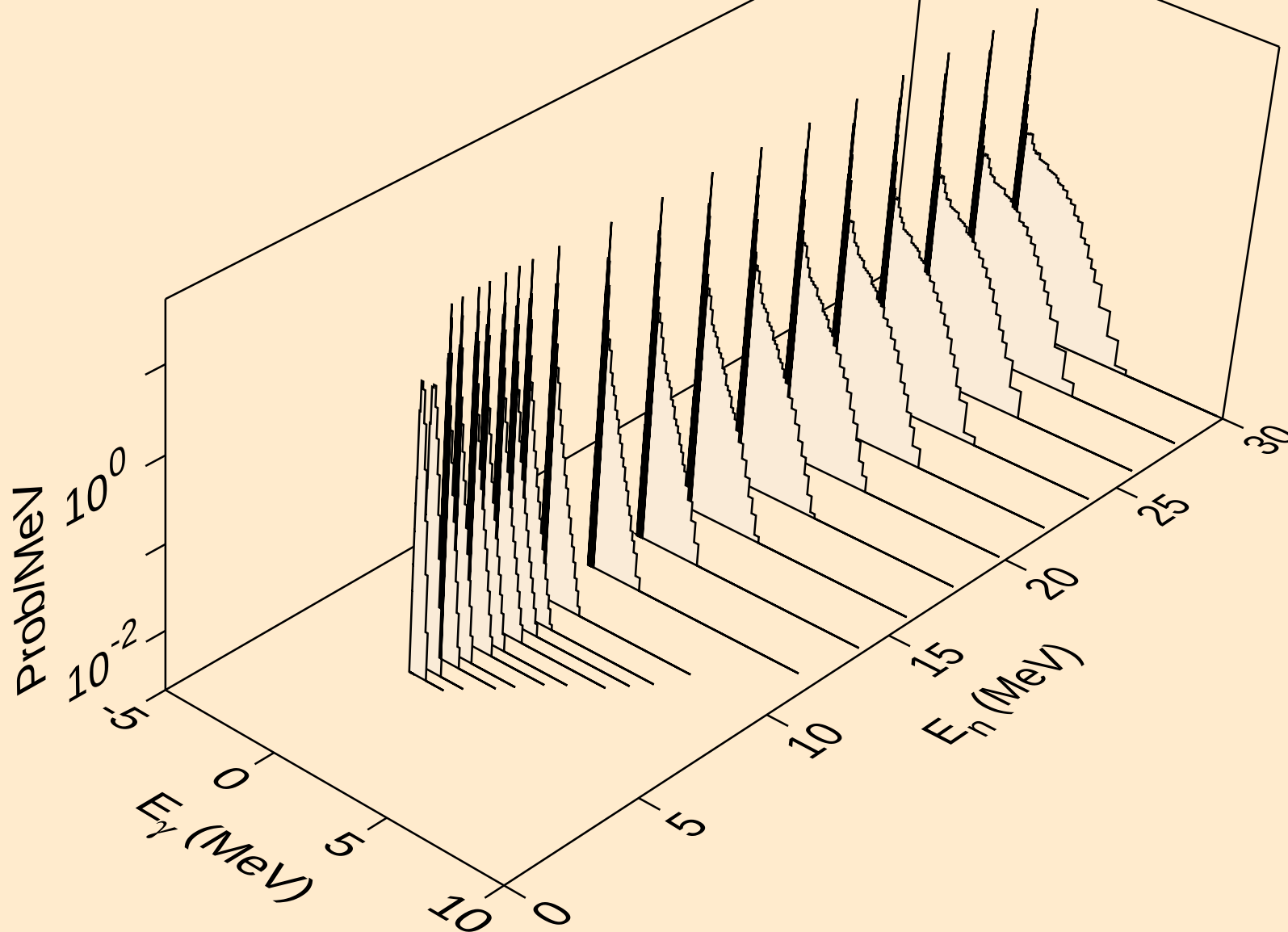
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



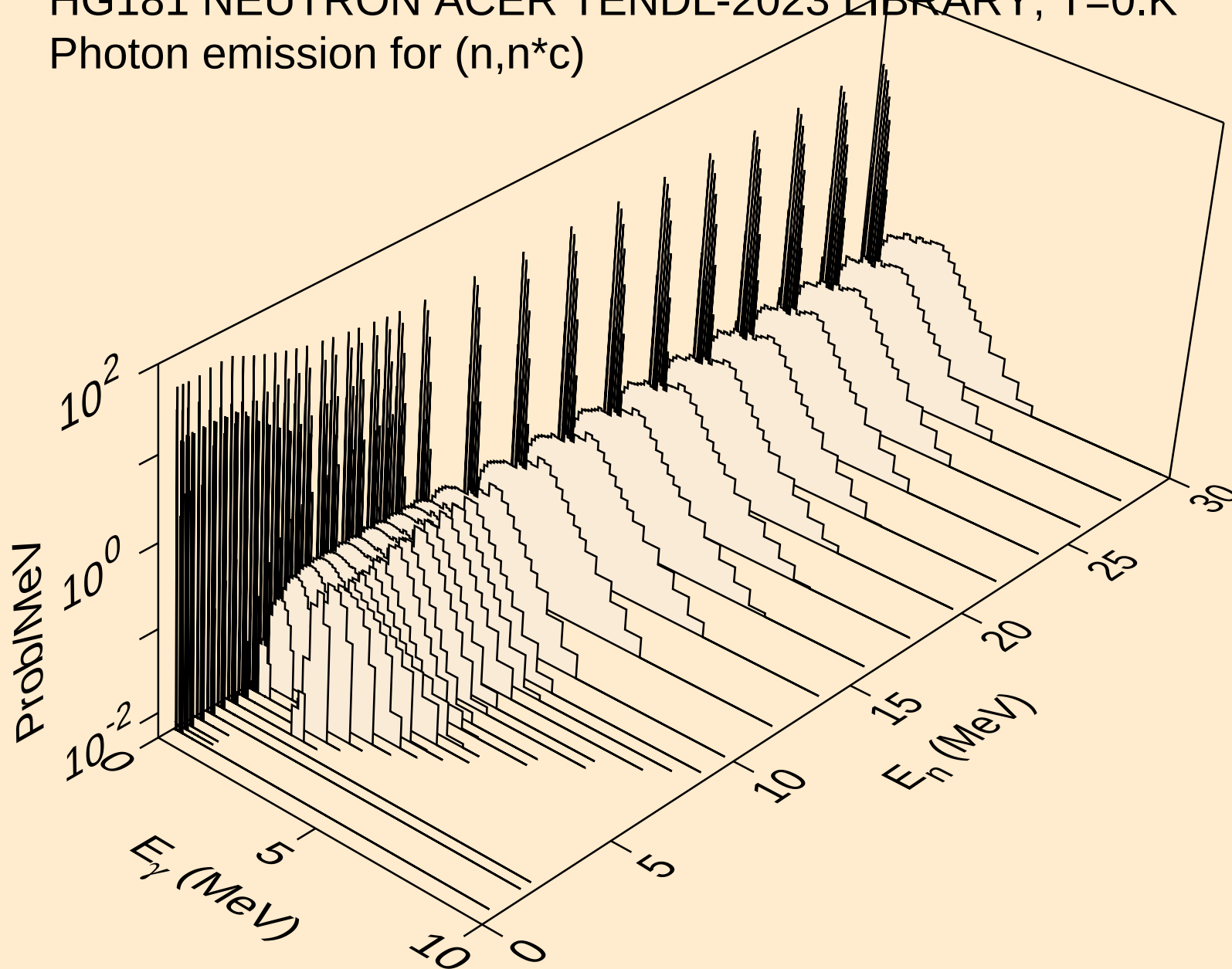
HG181 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,n2p)



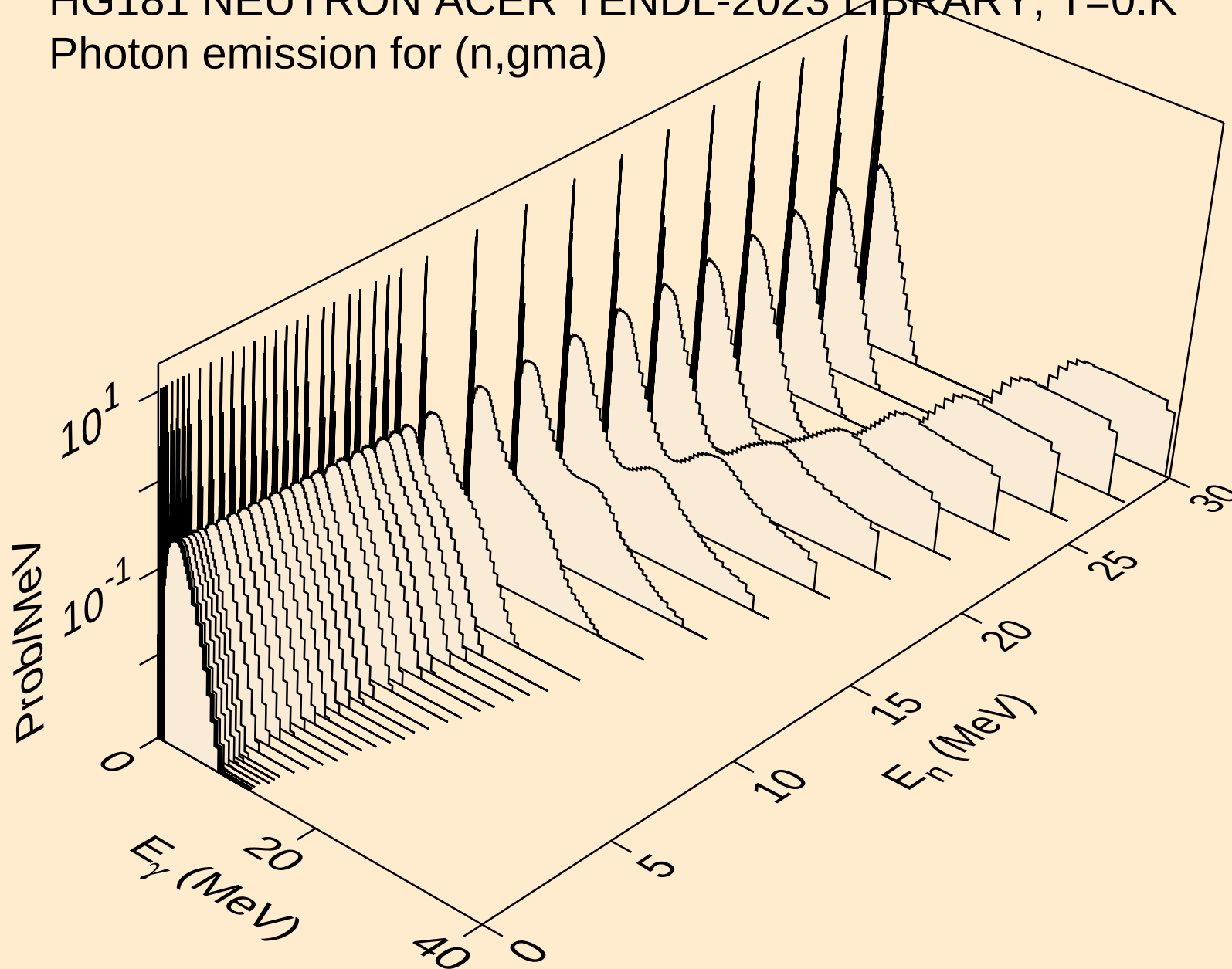
HG181 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,npa)



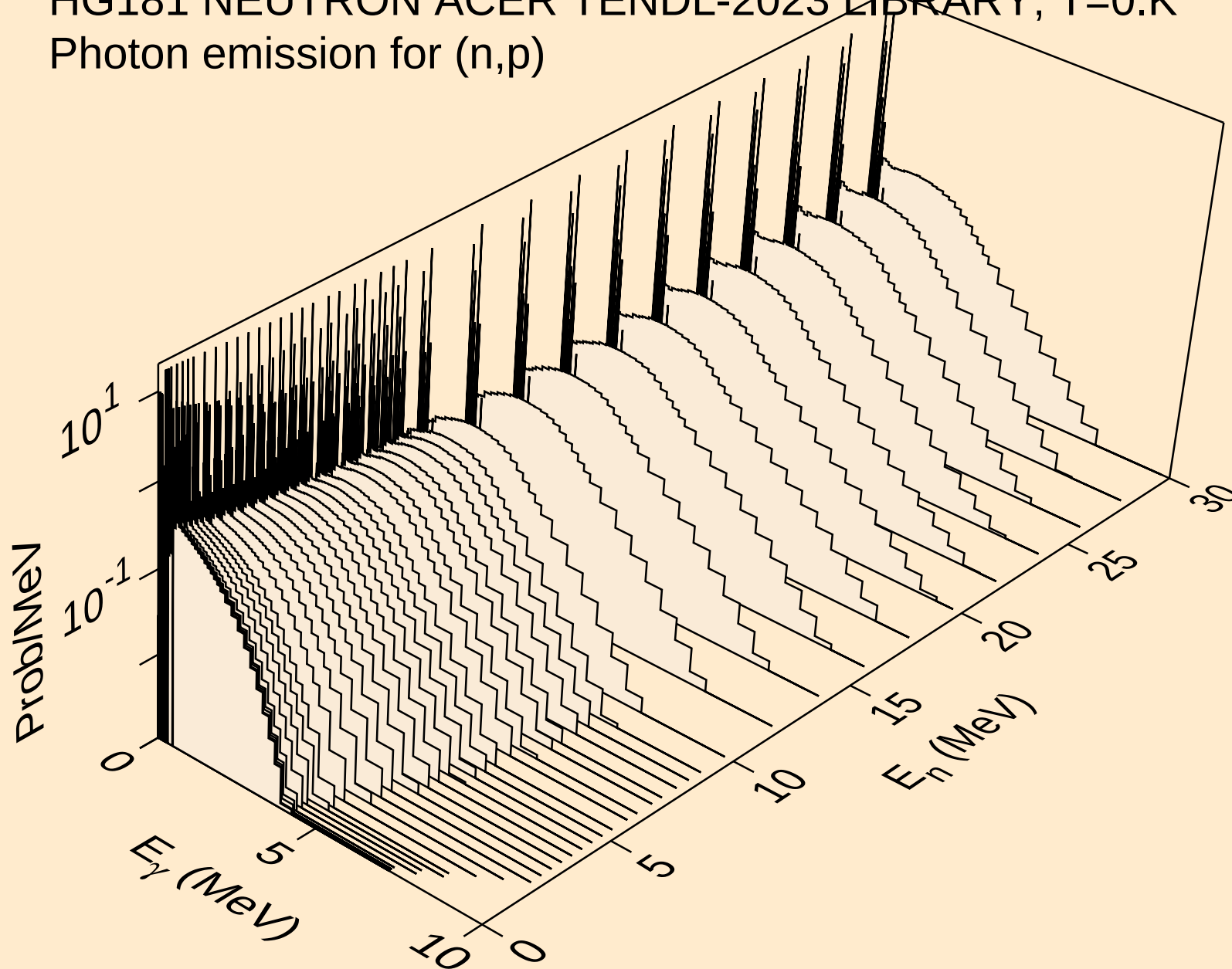
HG181 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,n^*c)



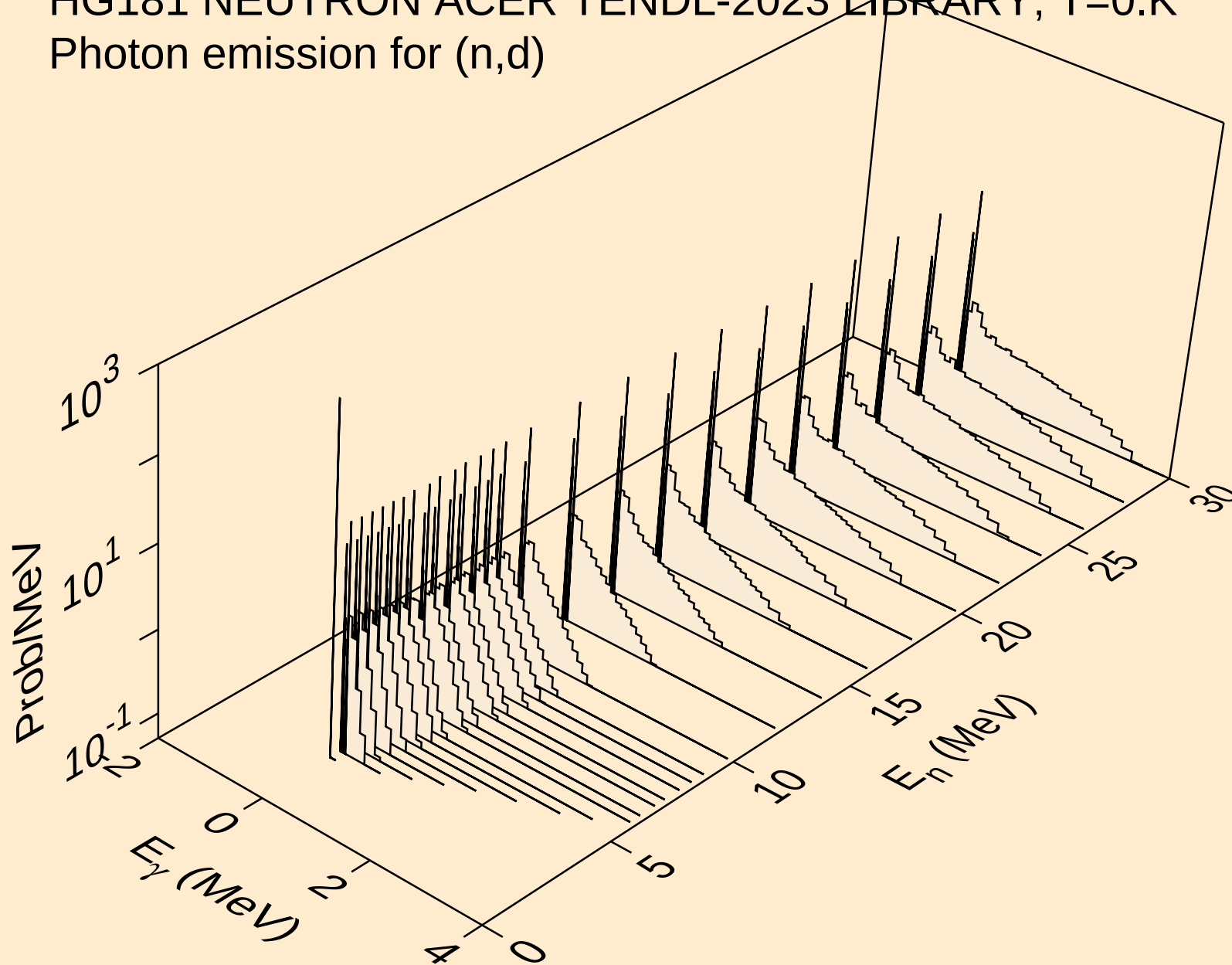
HG181 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,gma)



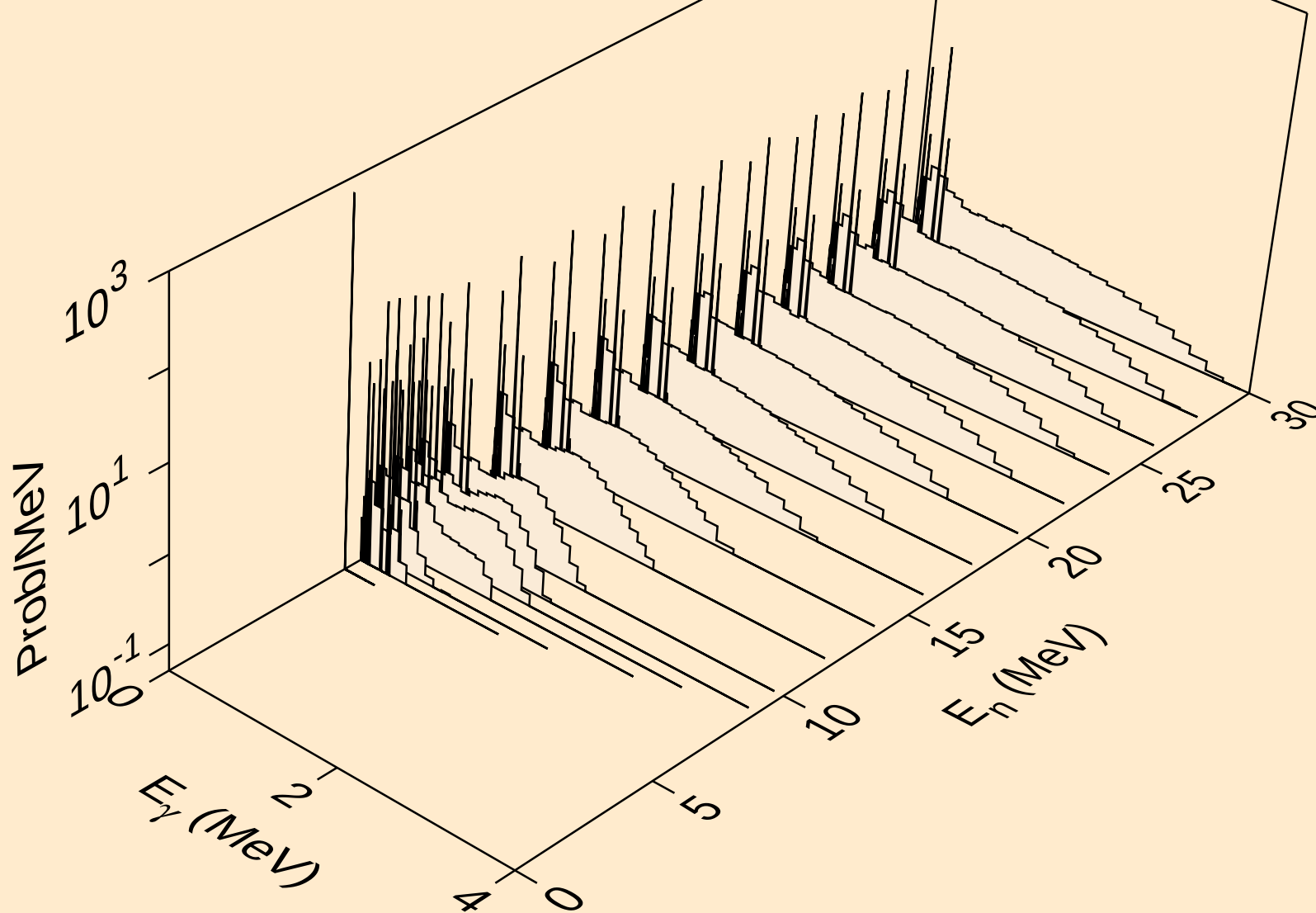
HG181 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,p)



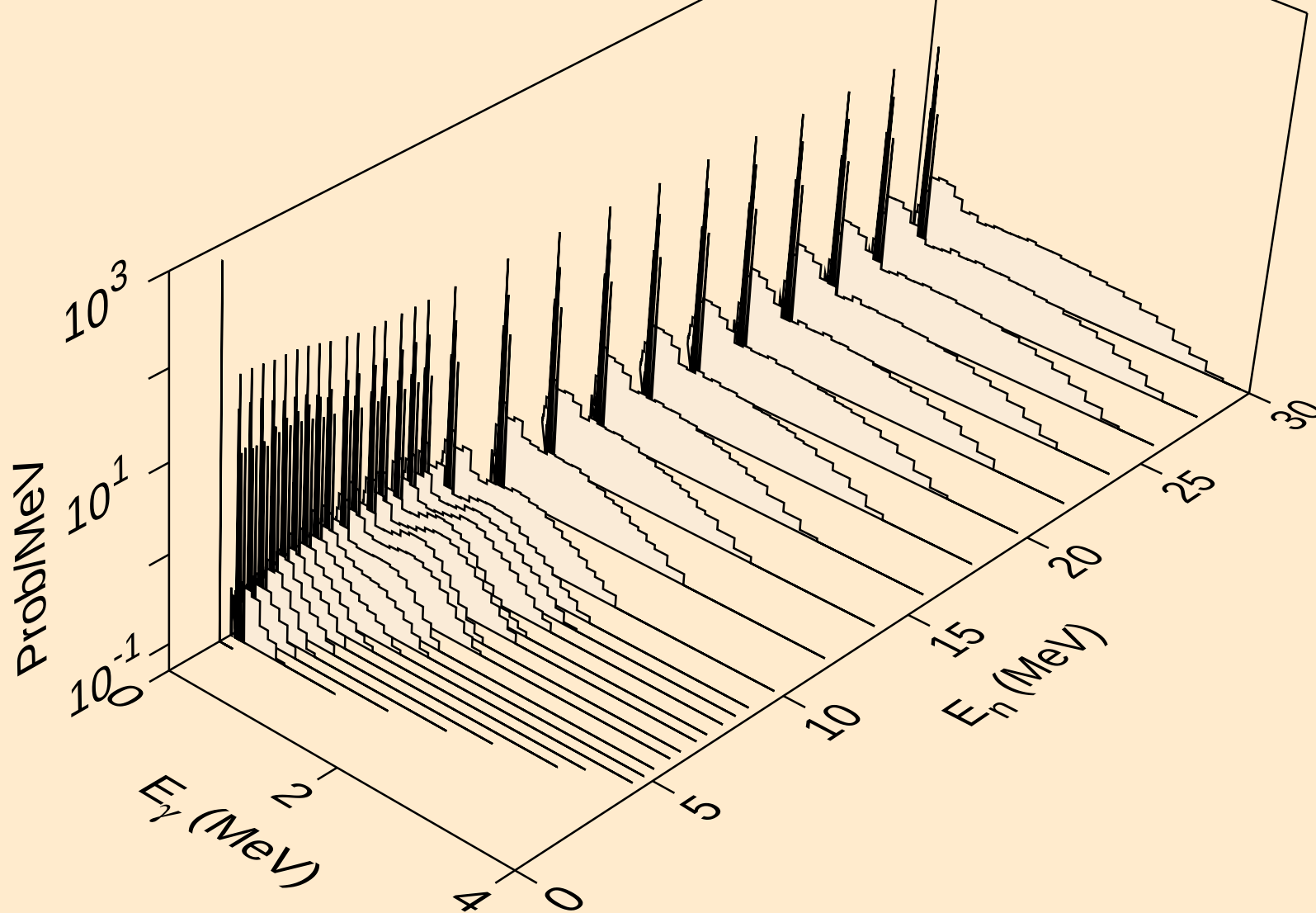
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



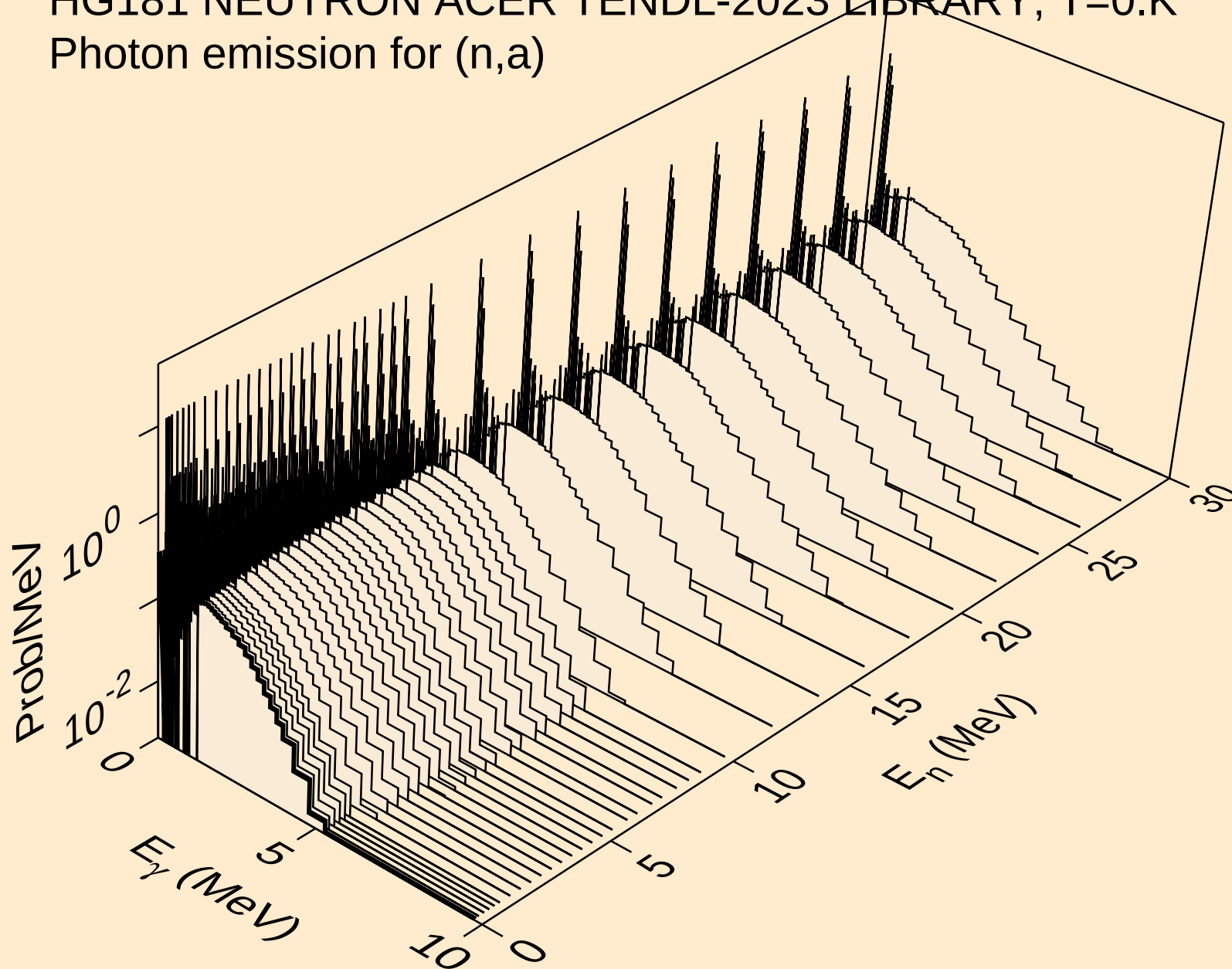
HG181 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,t)



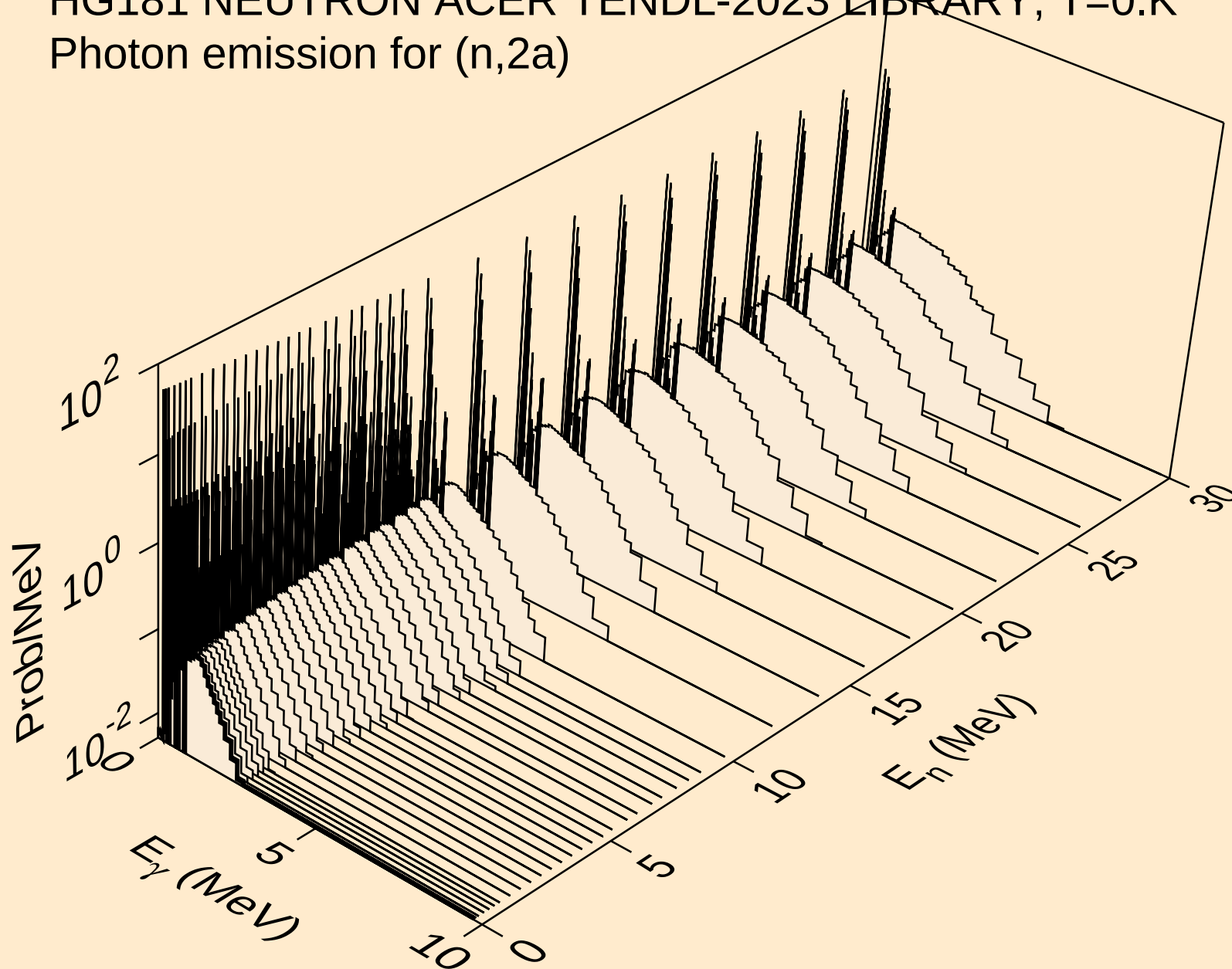
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



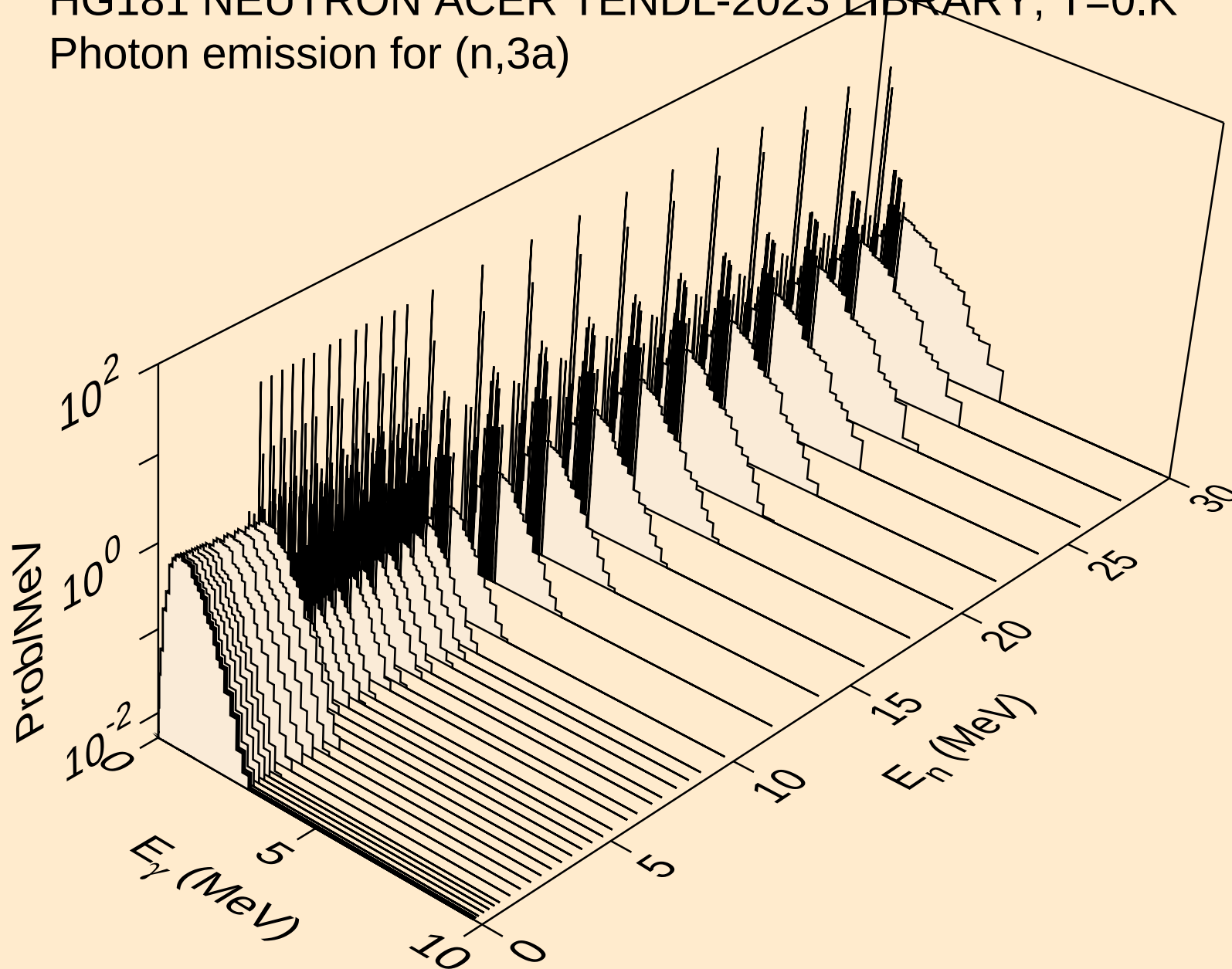
HG181 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,a)



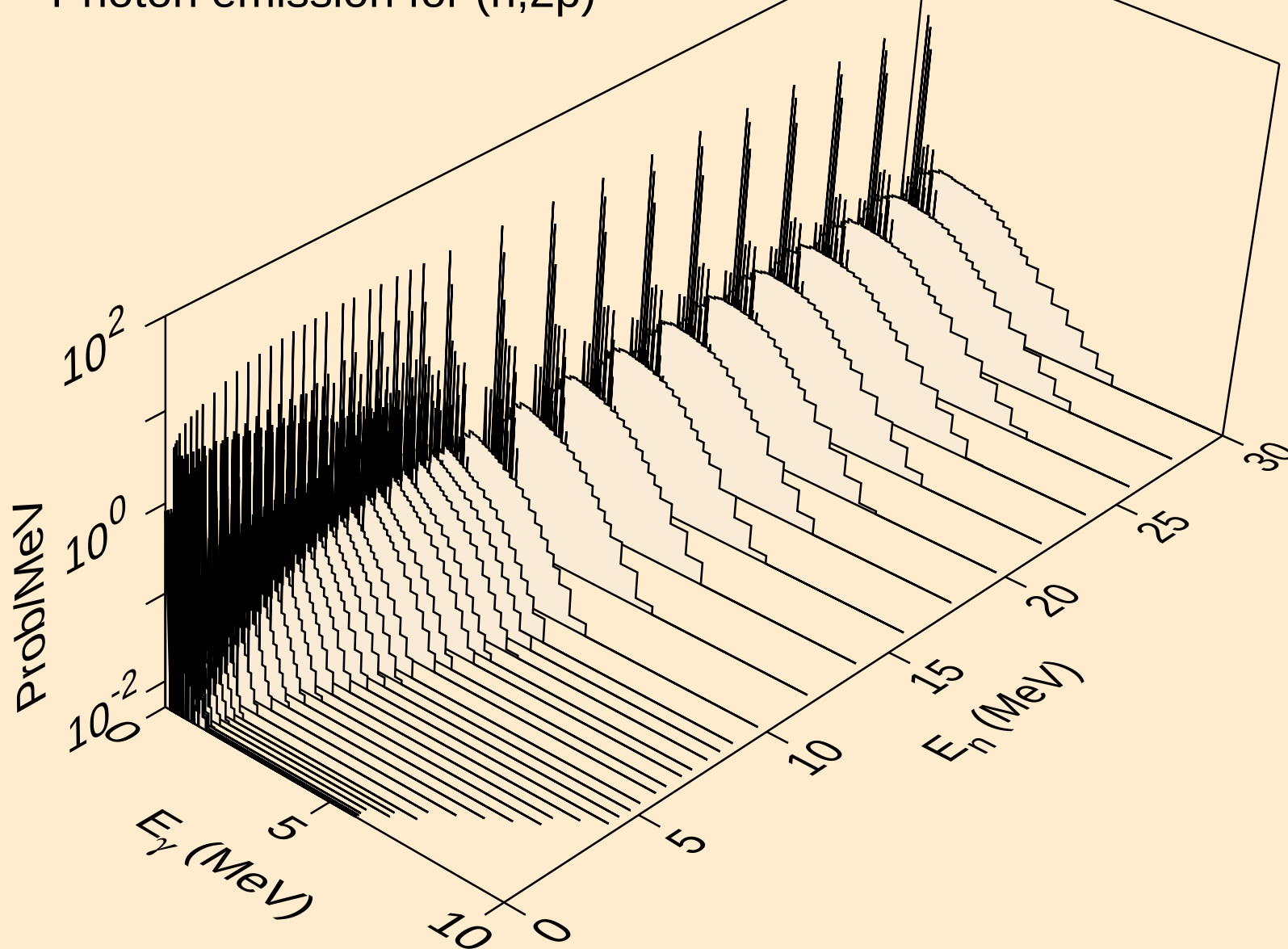
HG181 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2a)



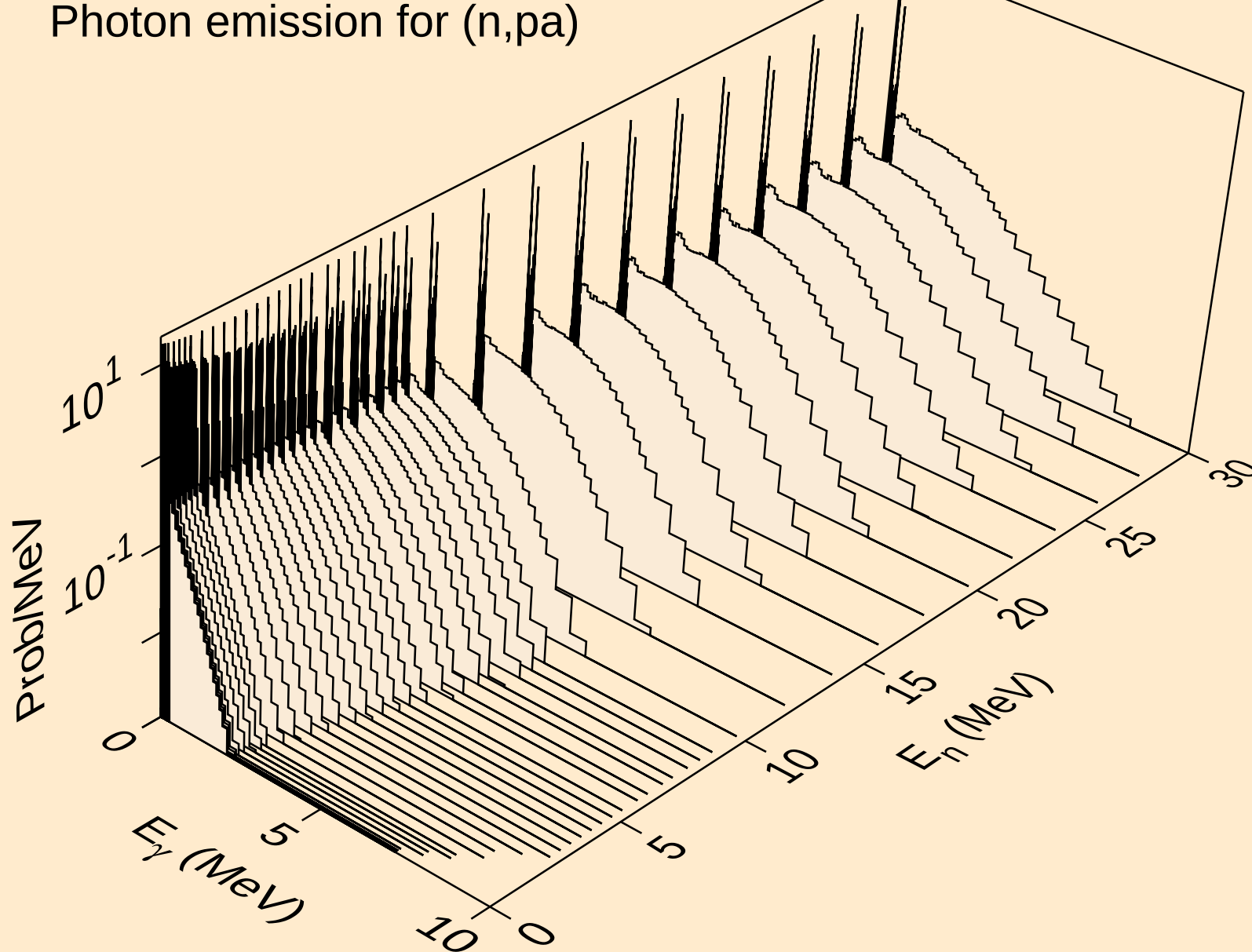
HG181 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,3a)



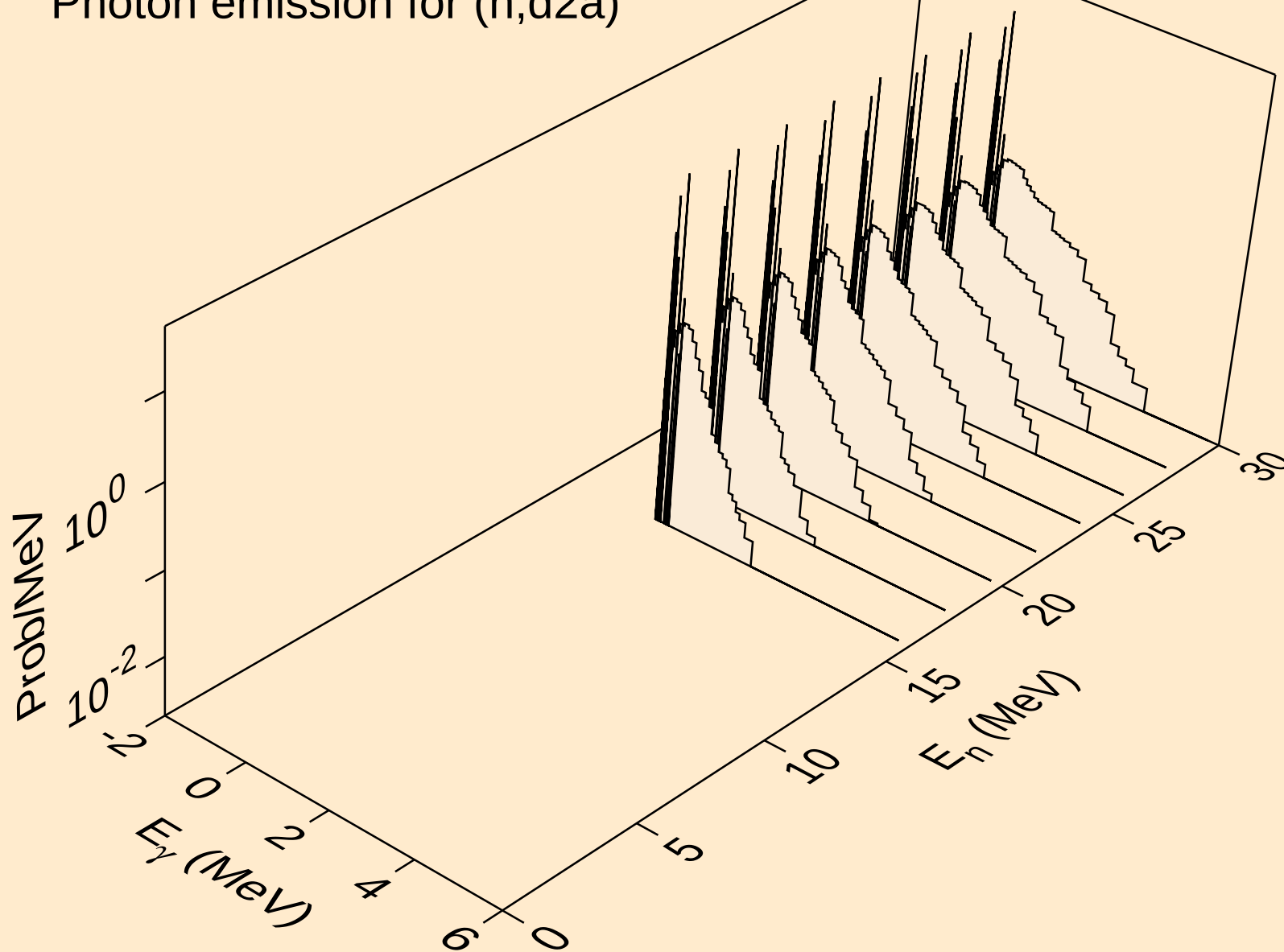
HG181 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2p)



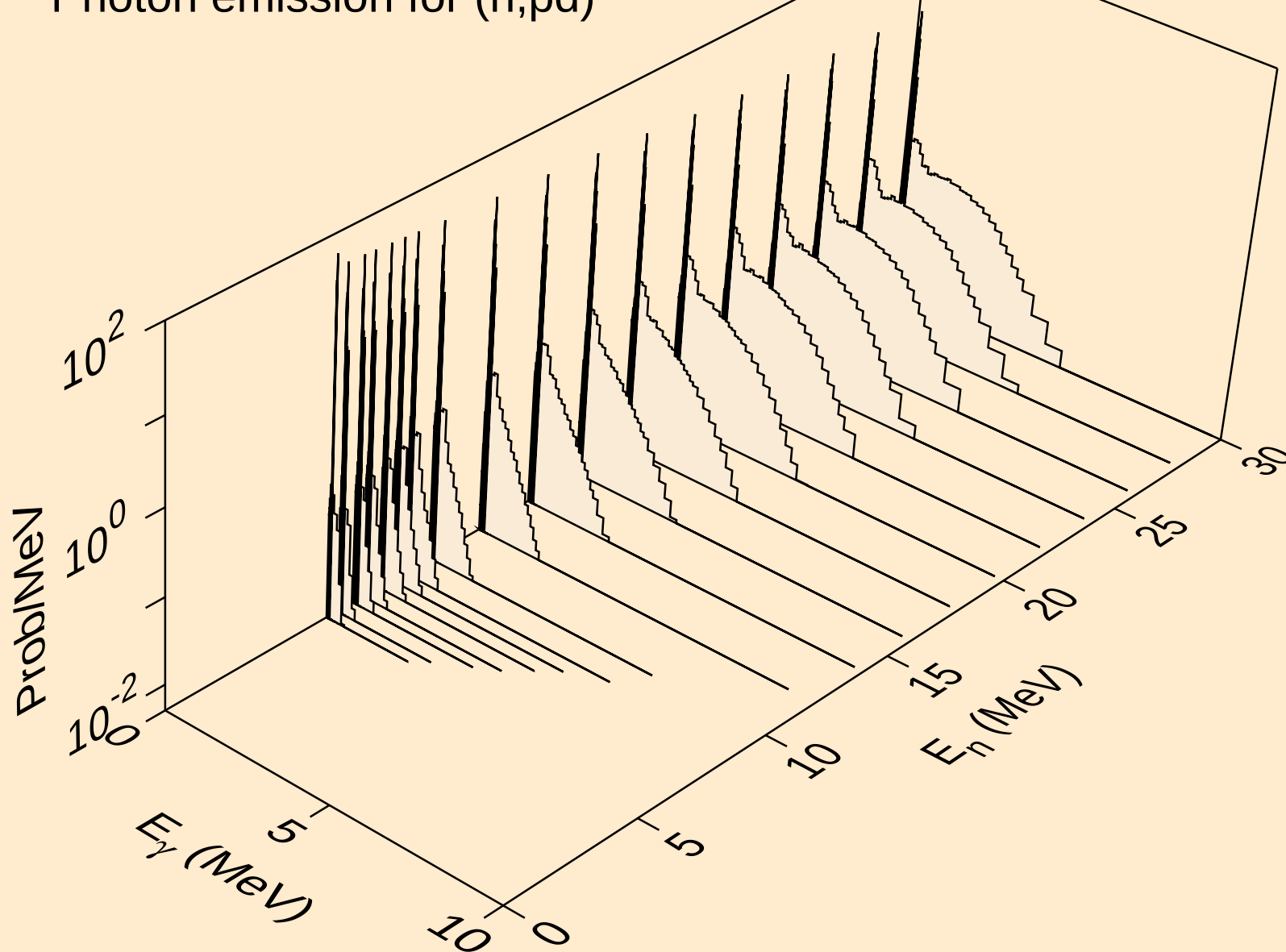
HG181 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,p α)



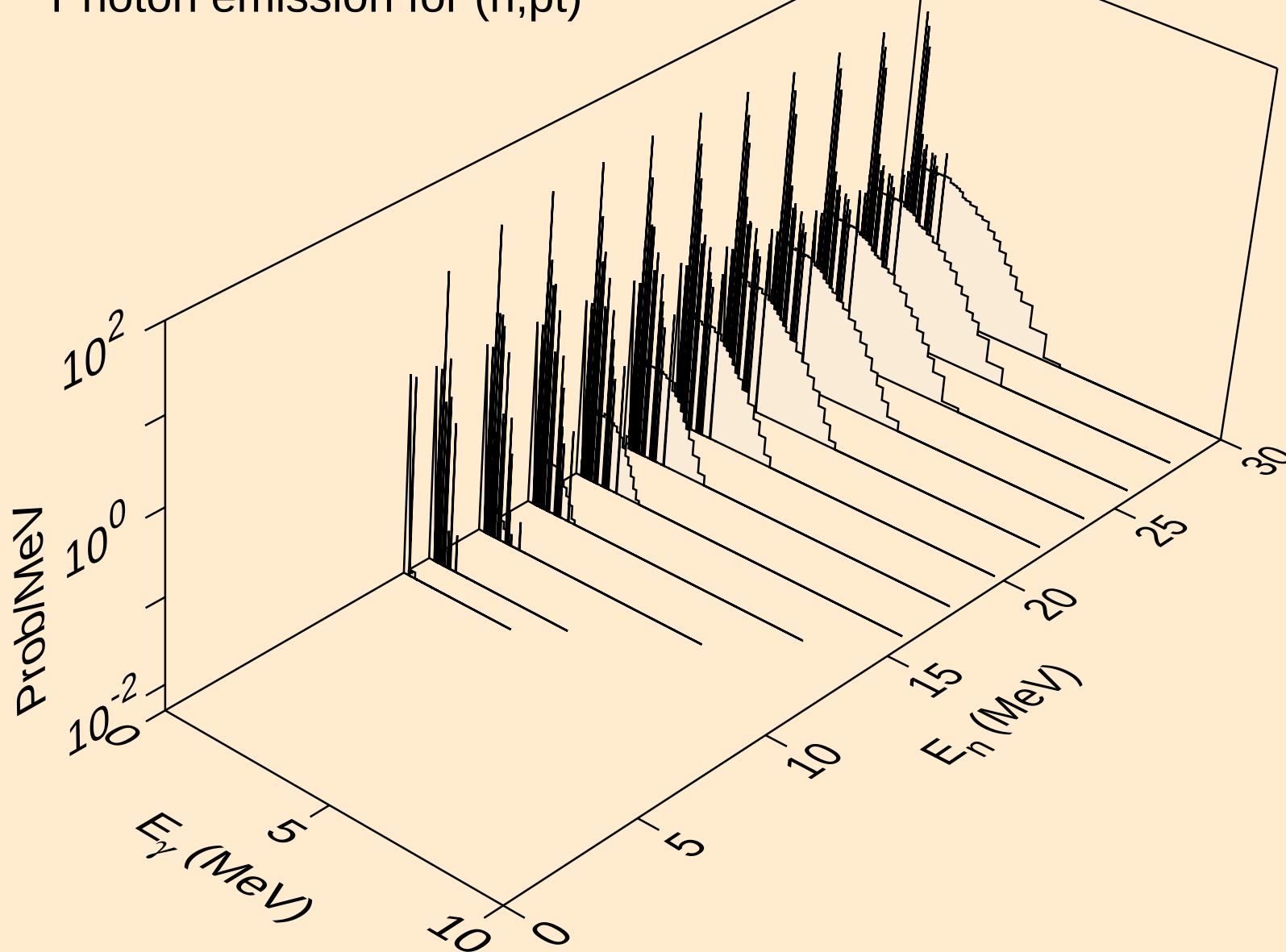
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d2a)



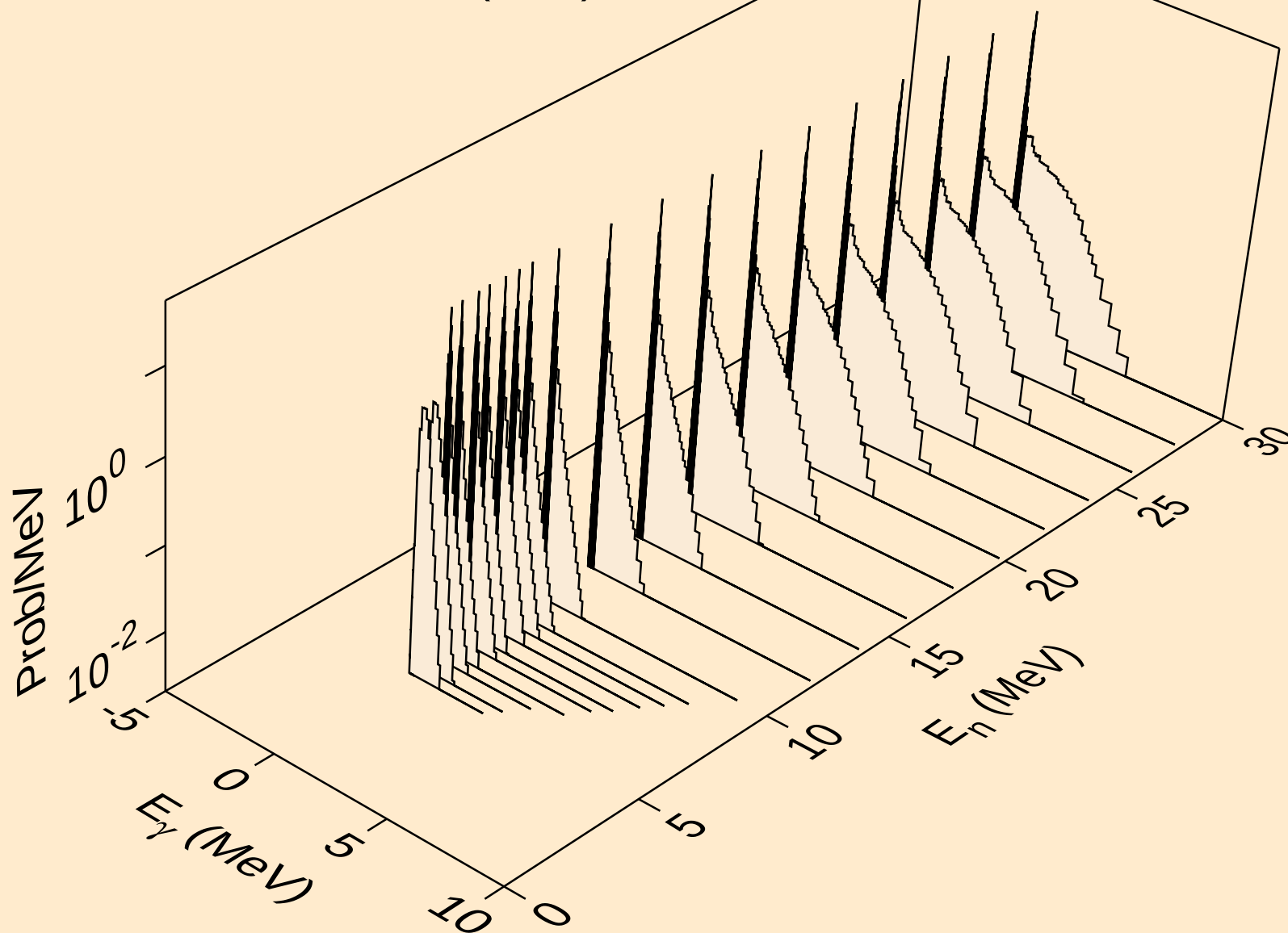
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



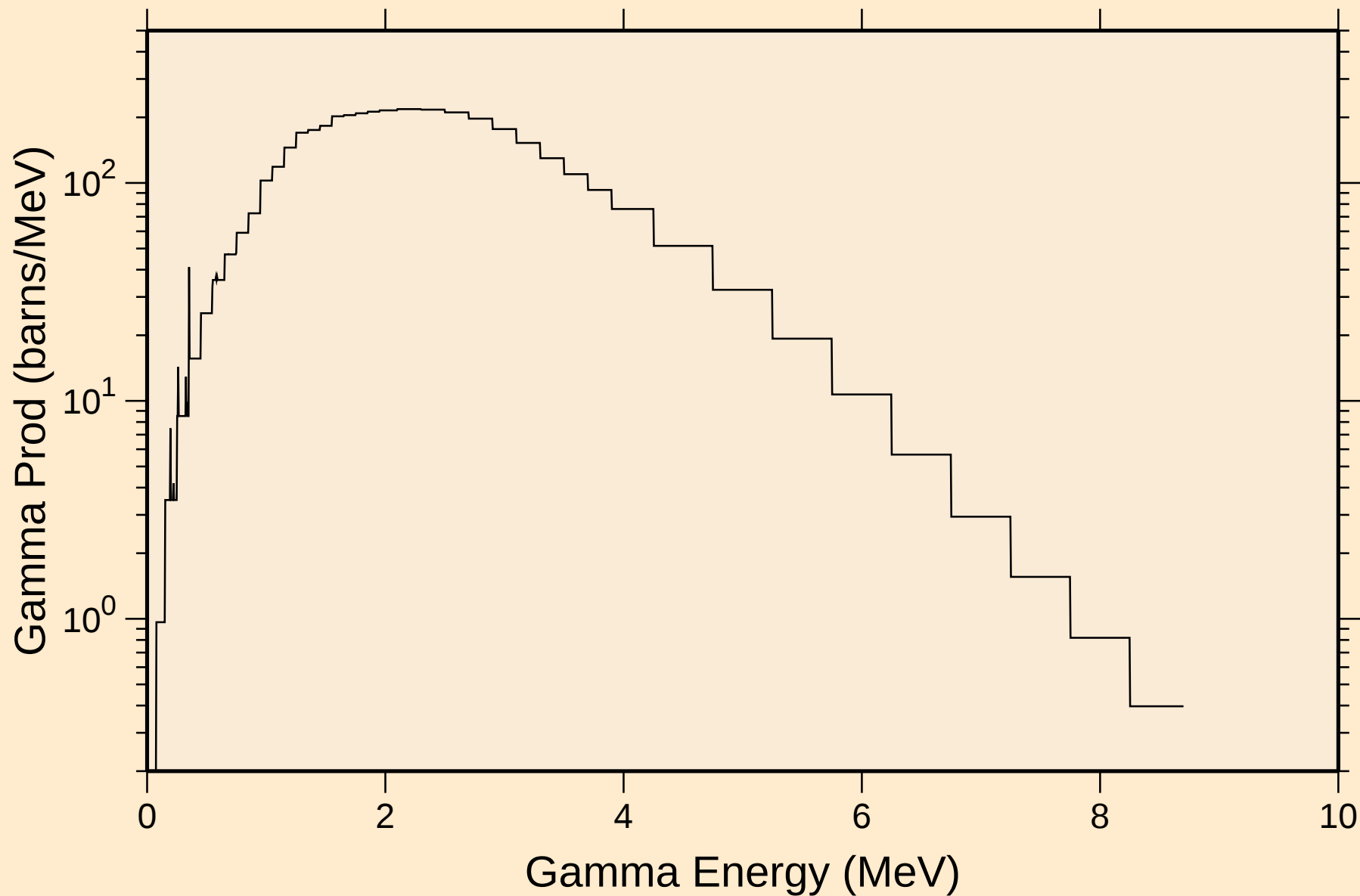
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)



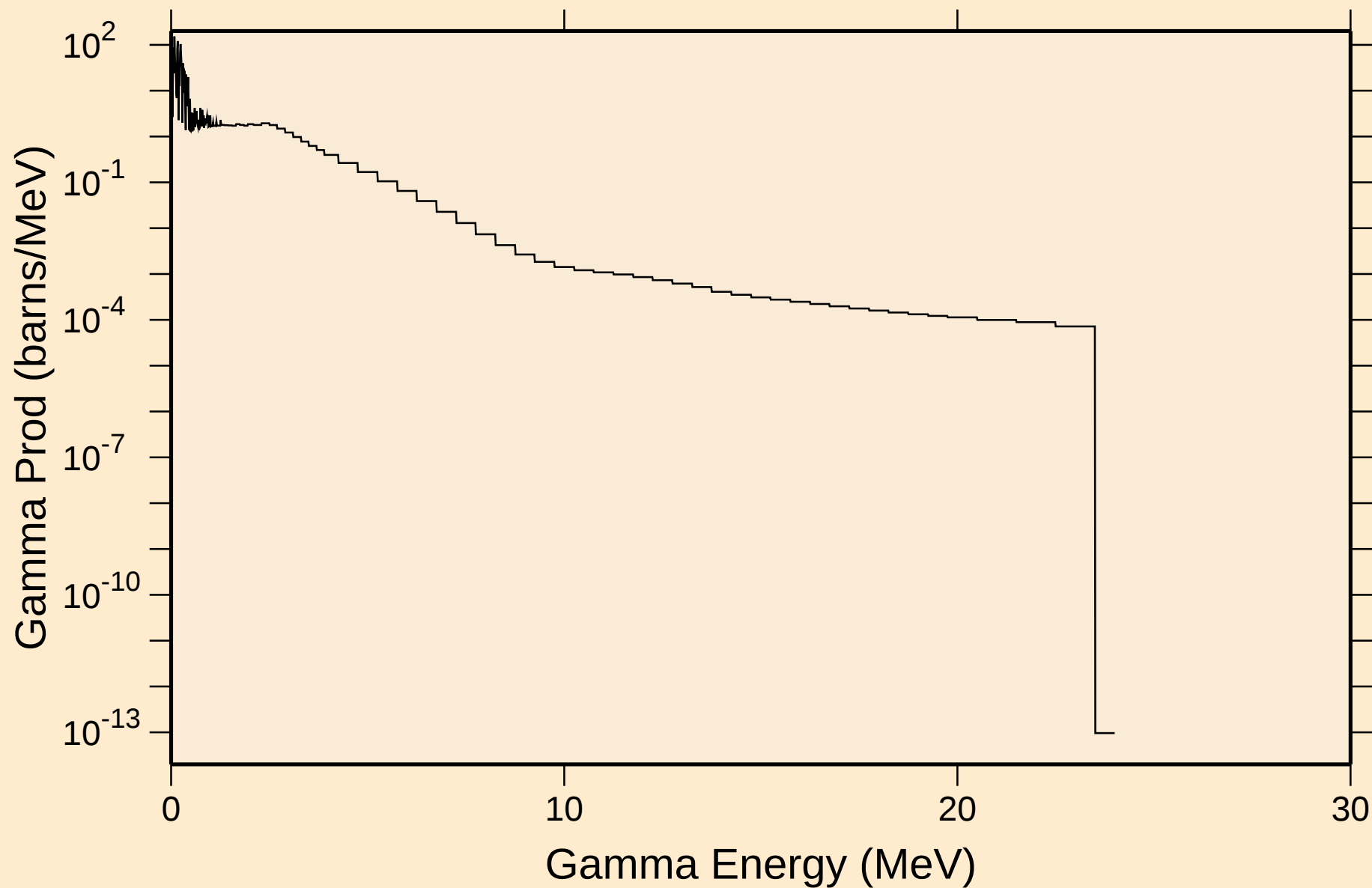
HG181 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,da)



HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

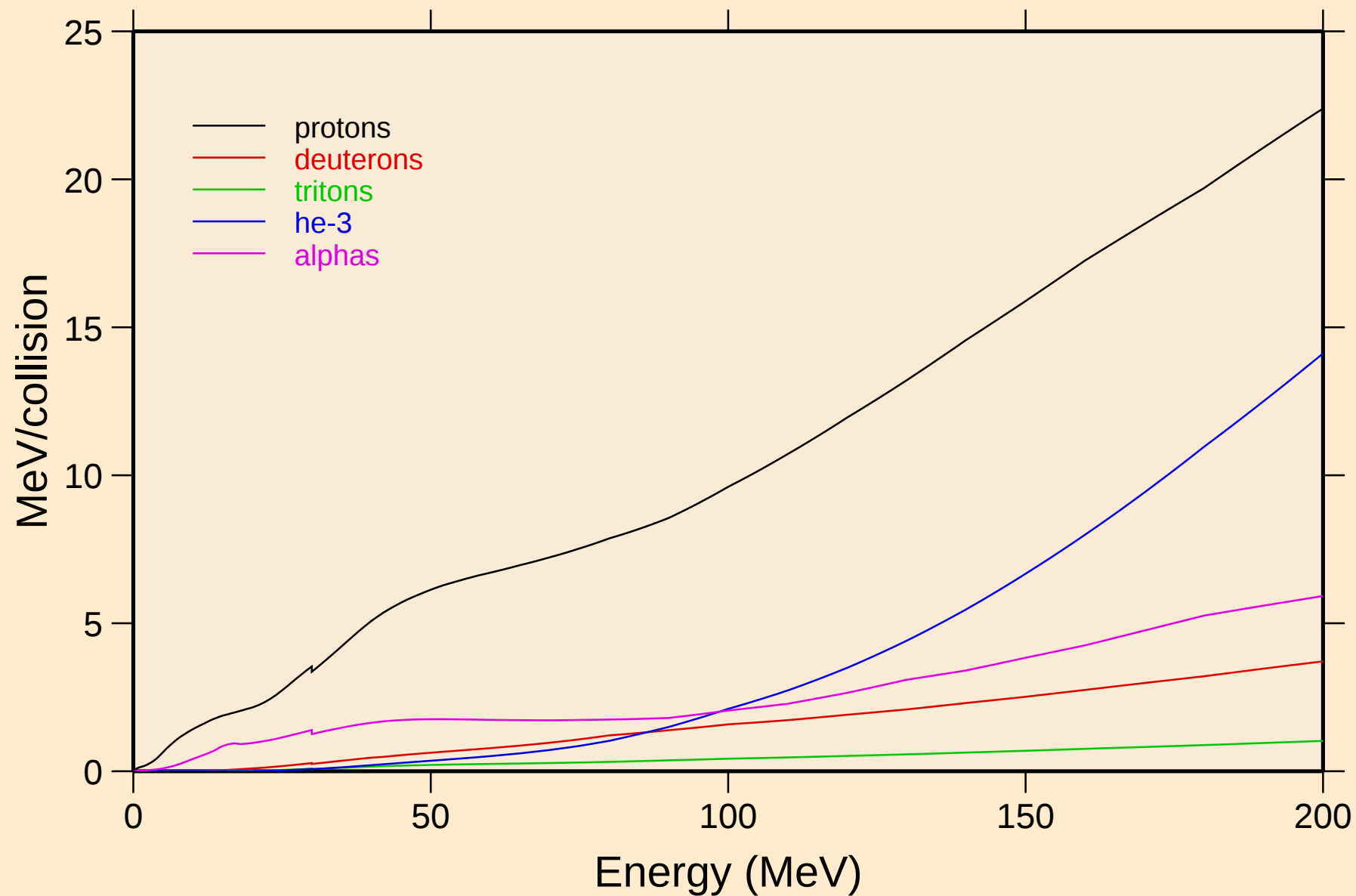


HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum



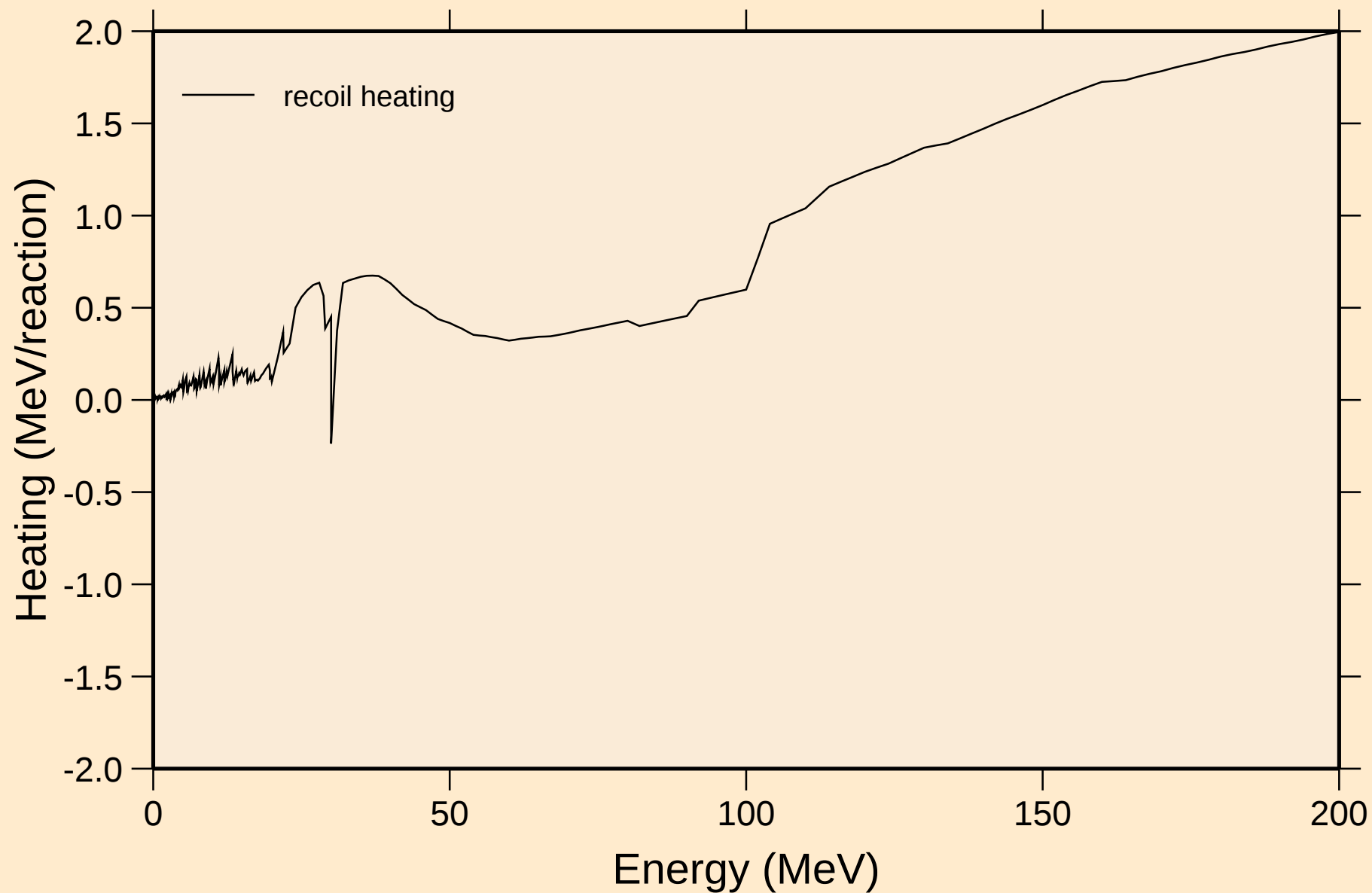
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



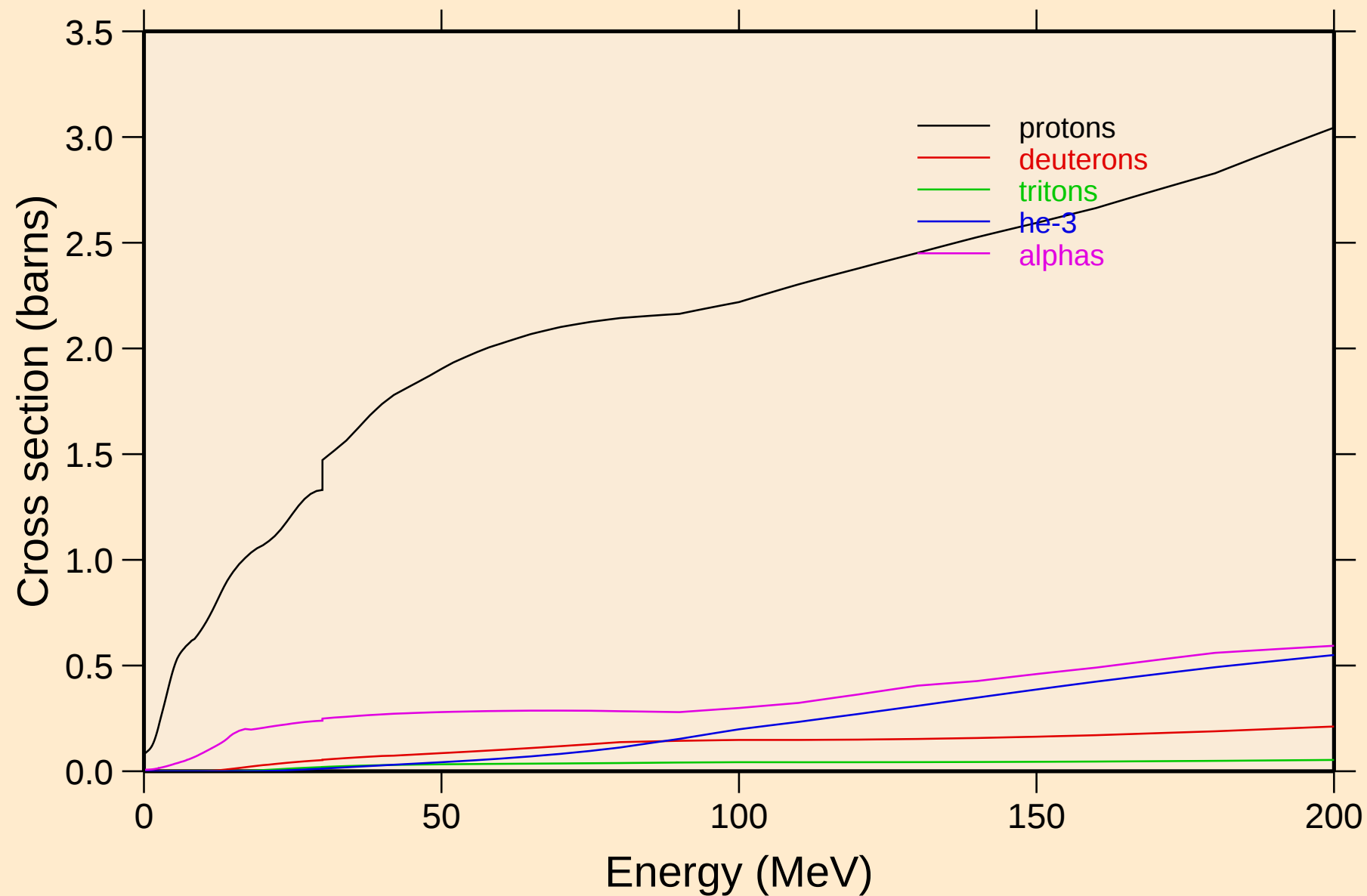
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

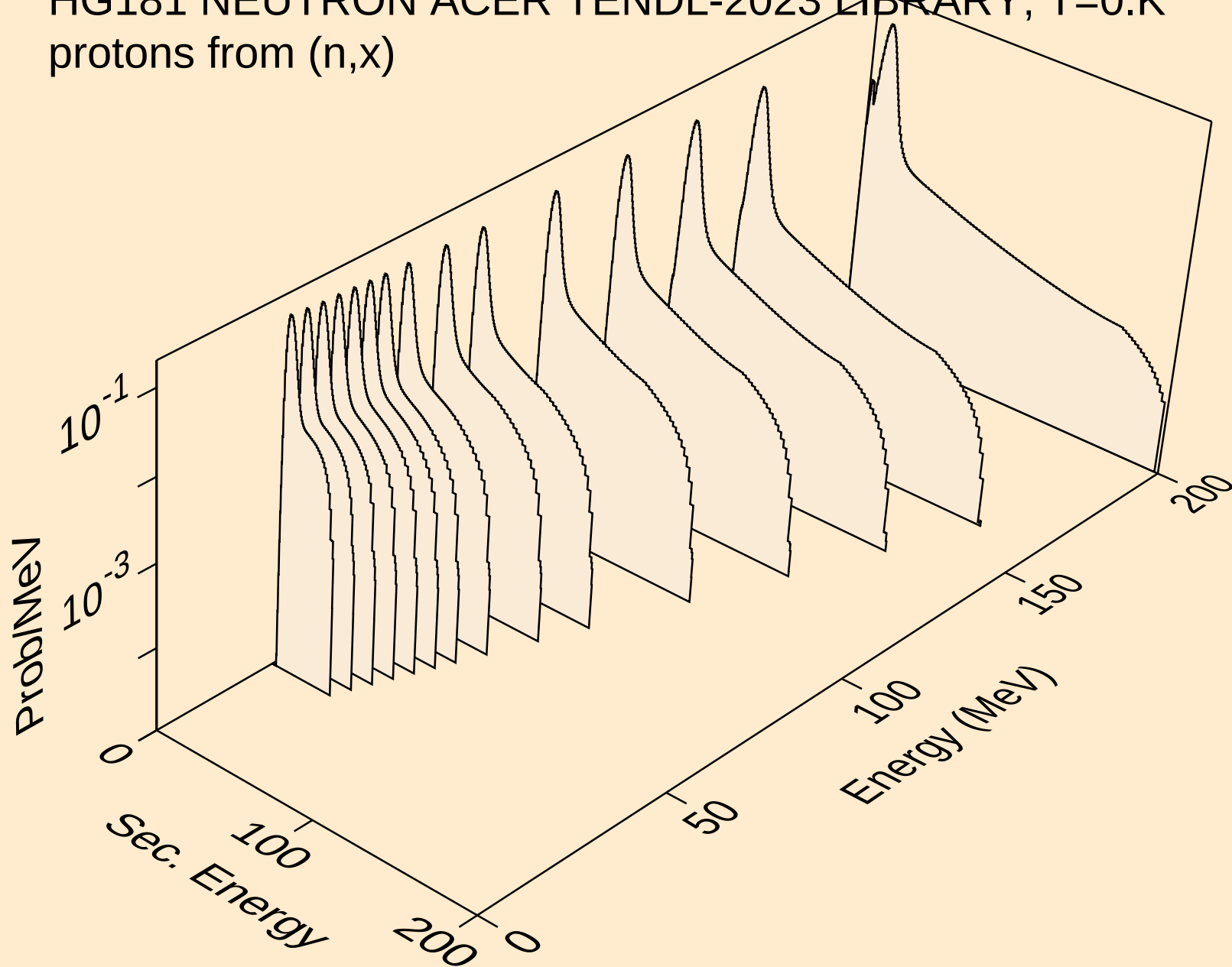


HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

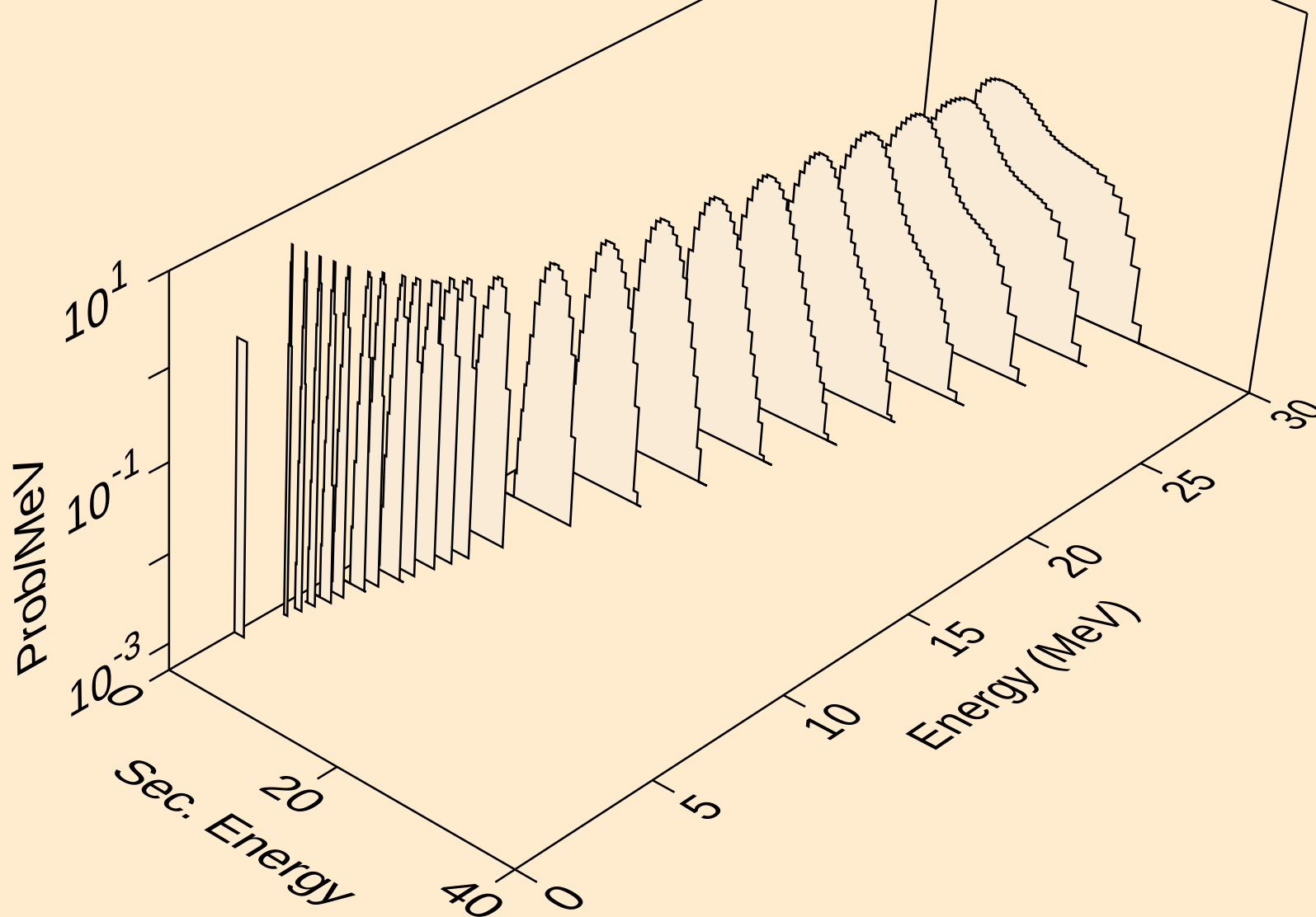
Particle production cross sections



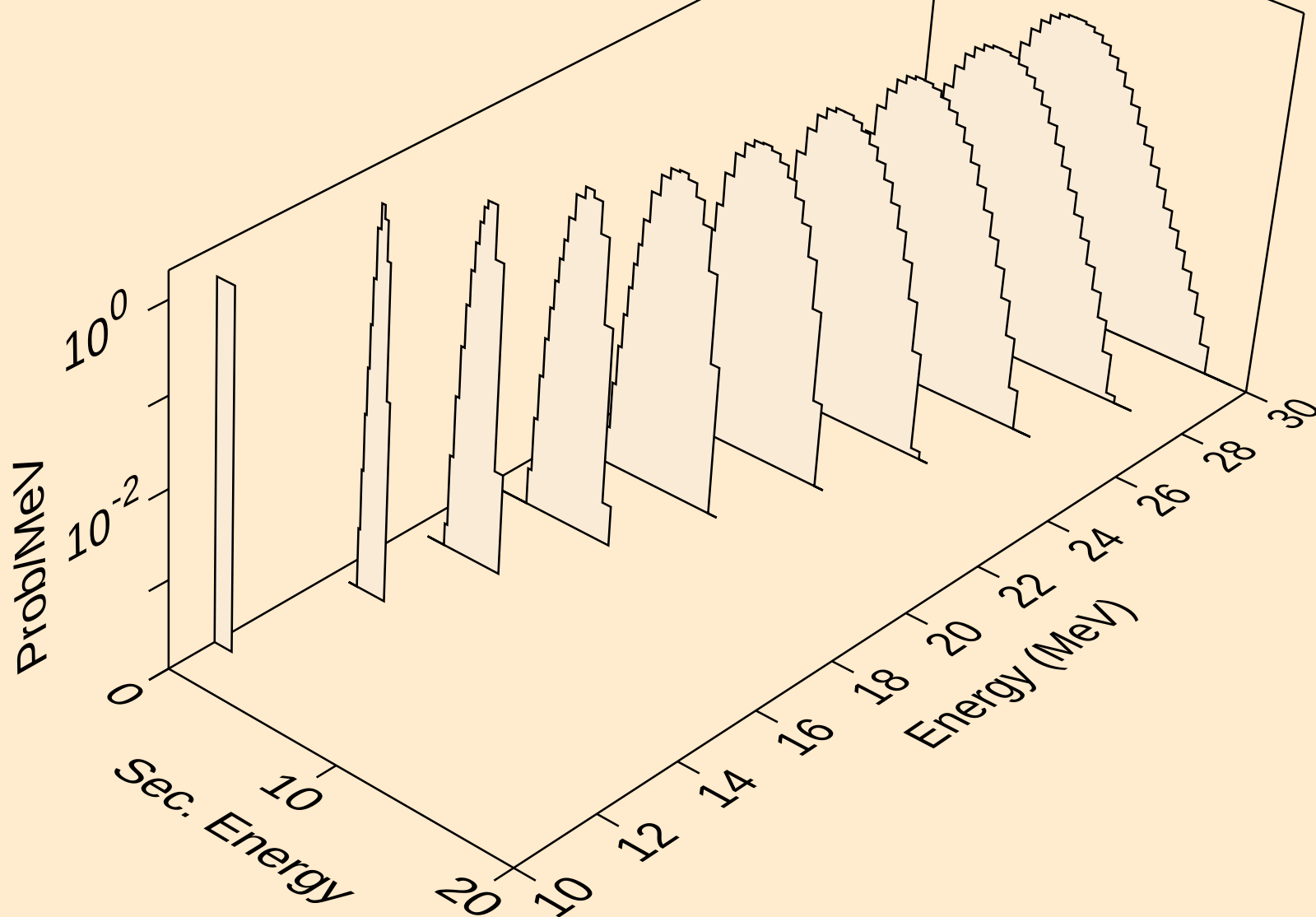
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



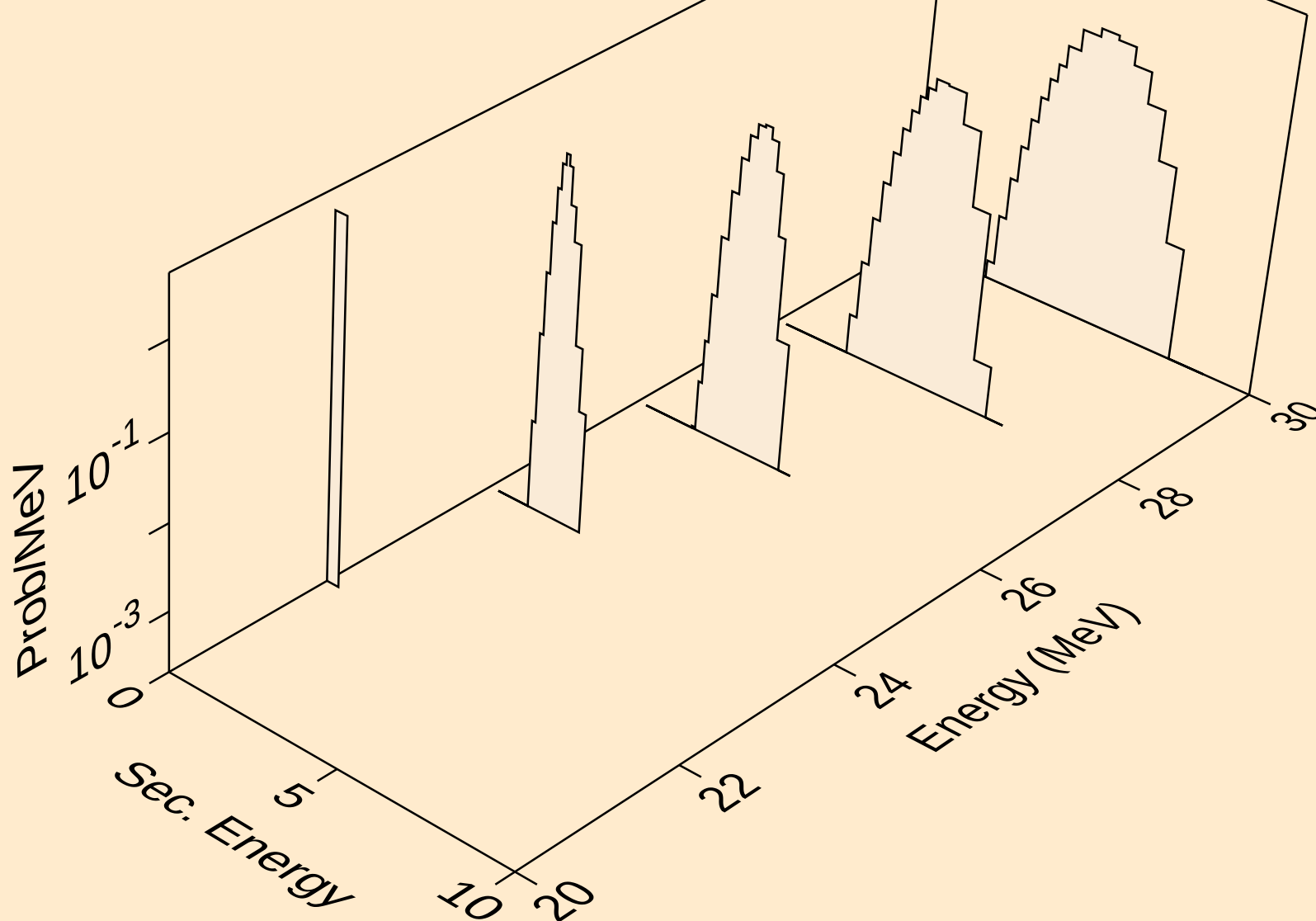
HG181 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
protons from $(n,n^*)p$



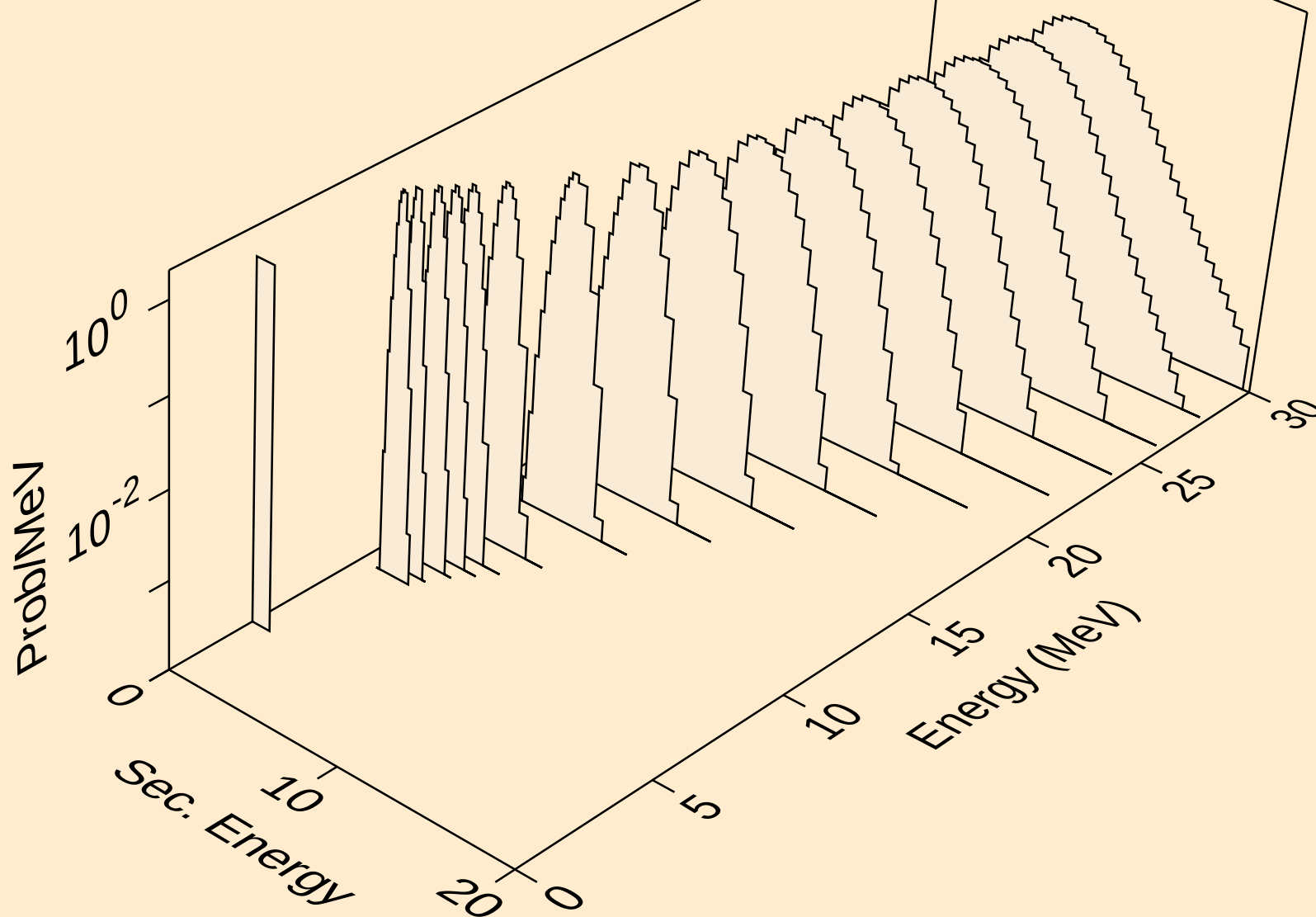
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2np)



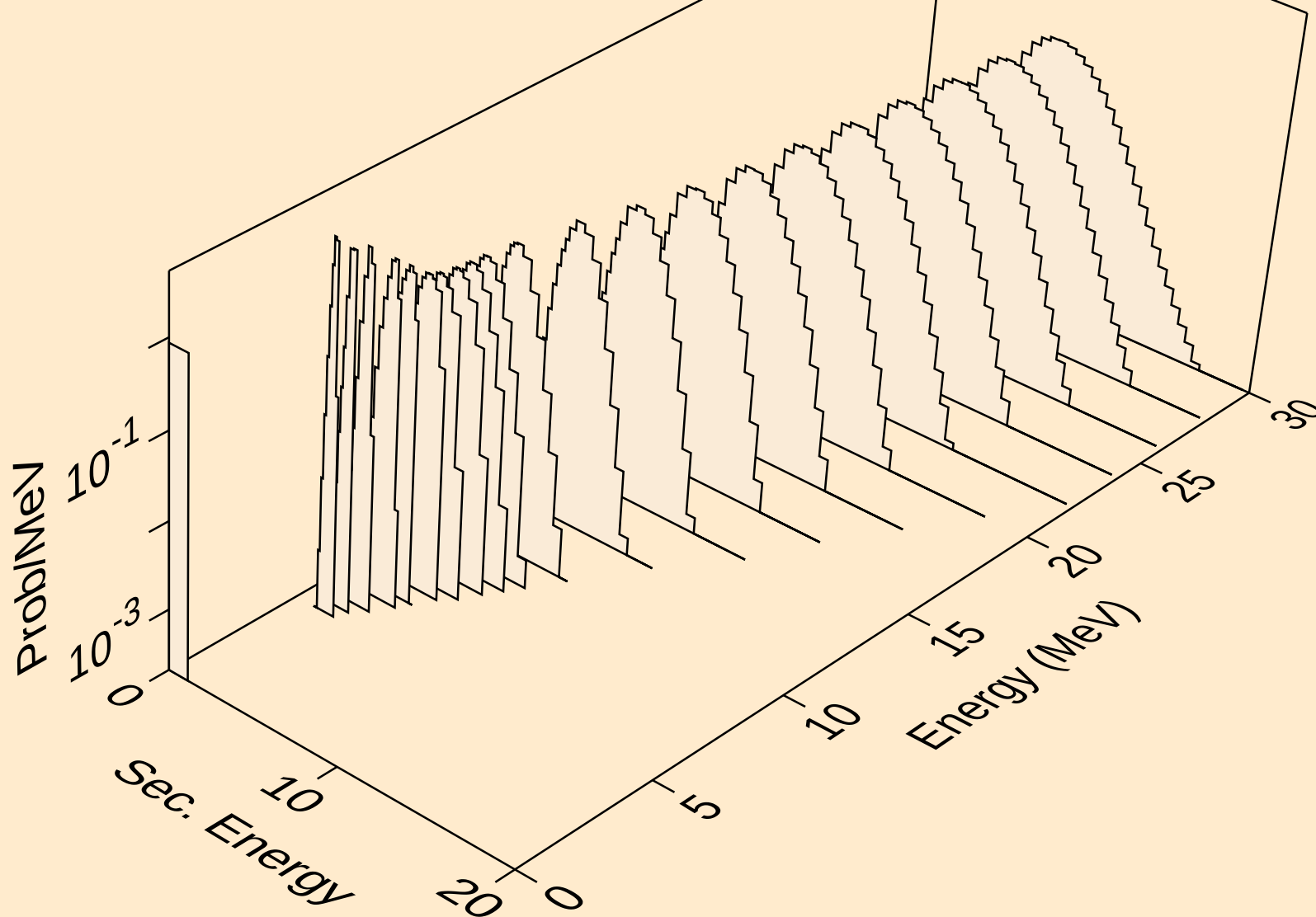
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,3np)



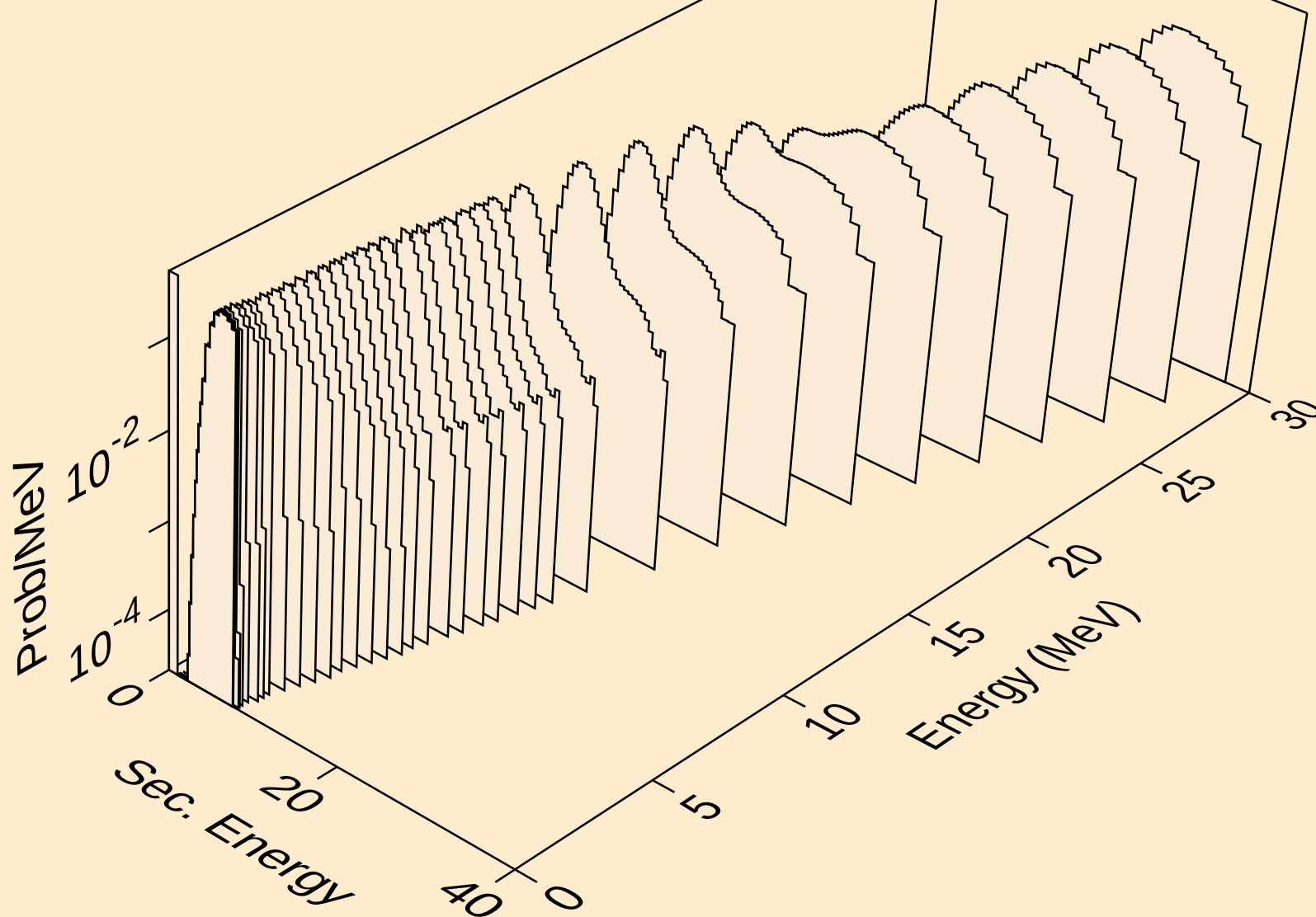
HG181 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
protons from (n,n2p)



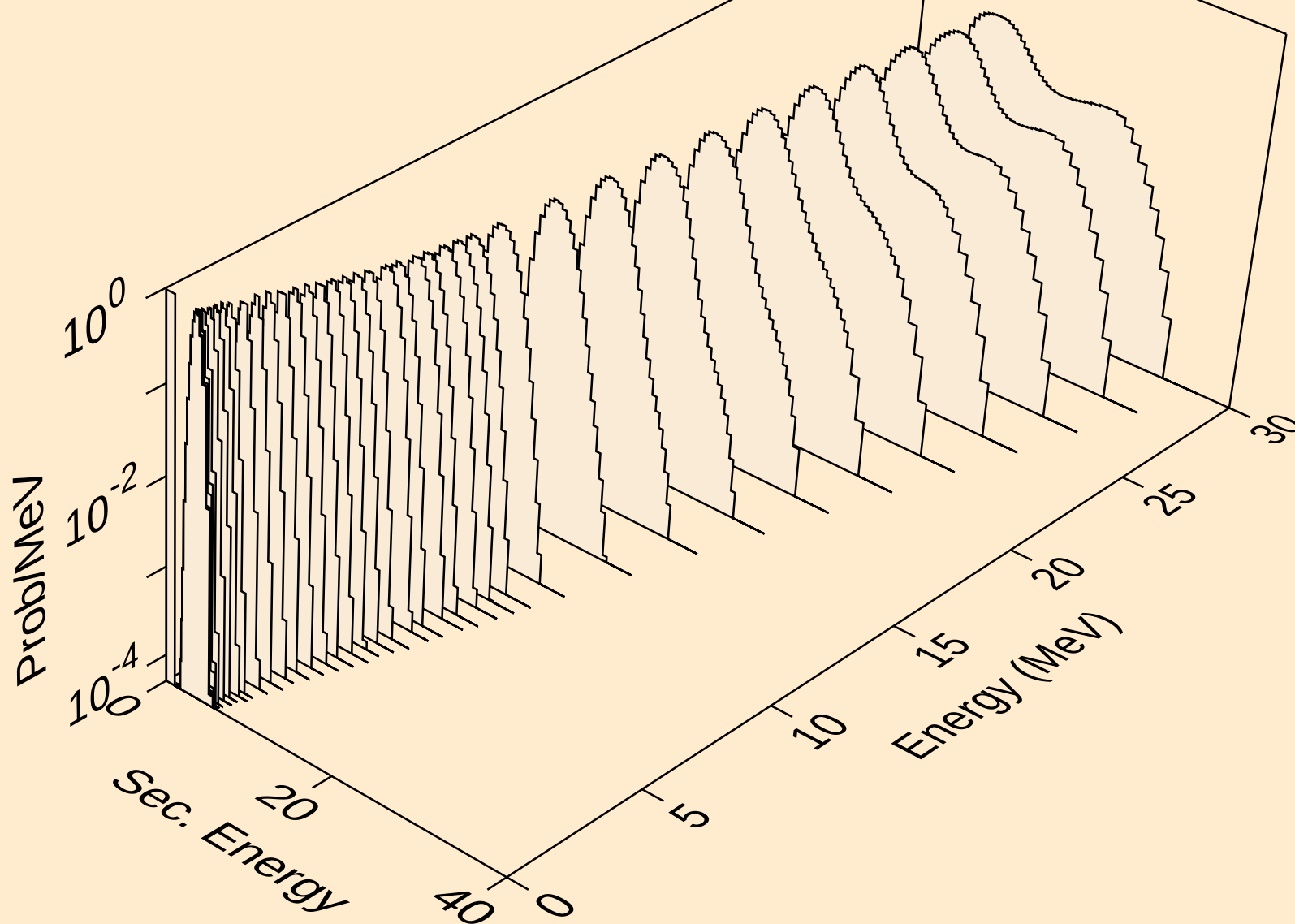
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,npa)



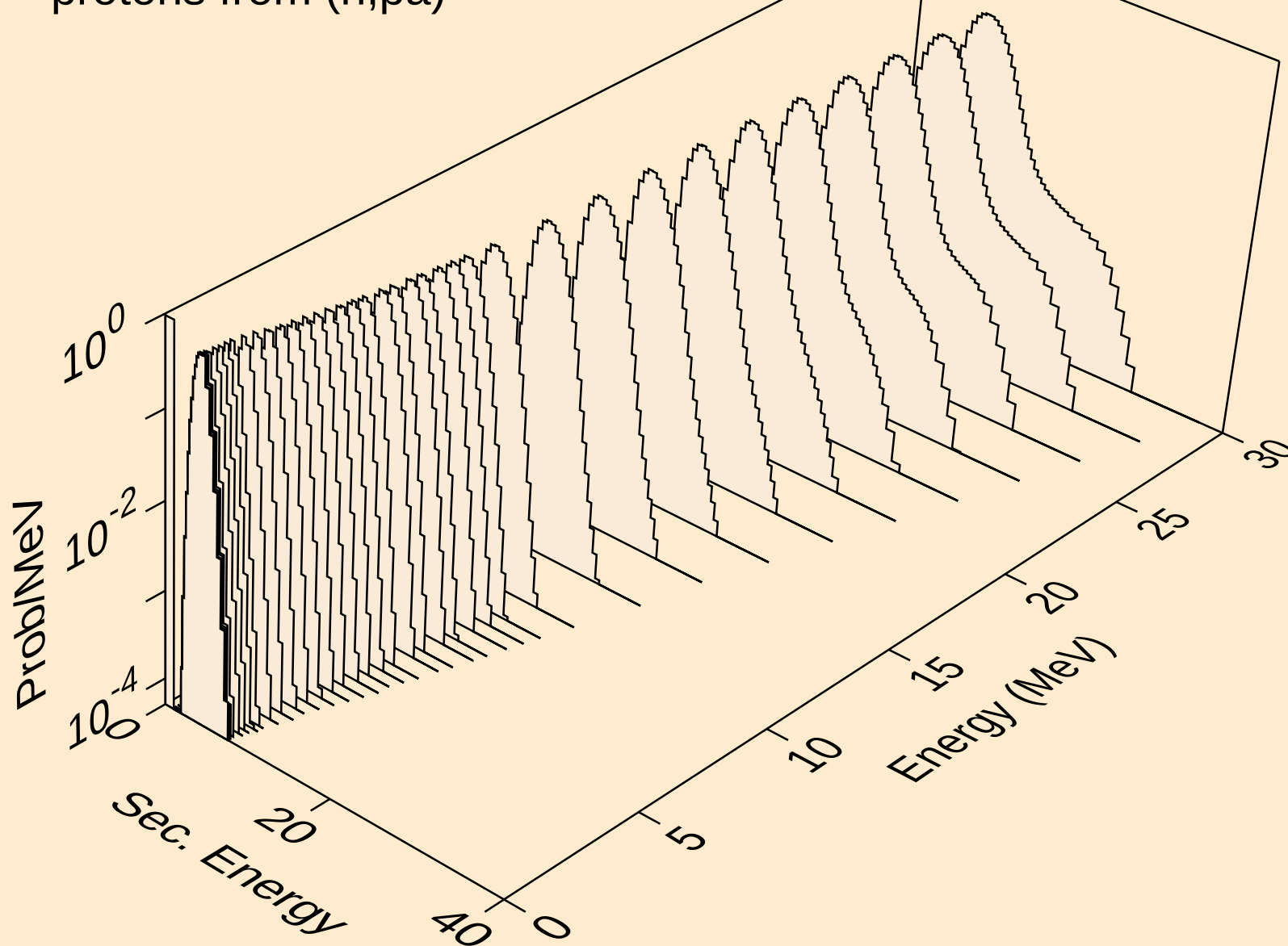
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,p)



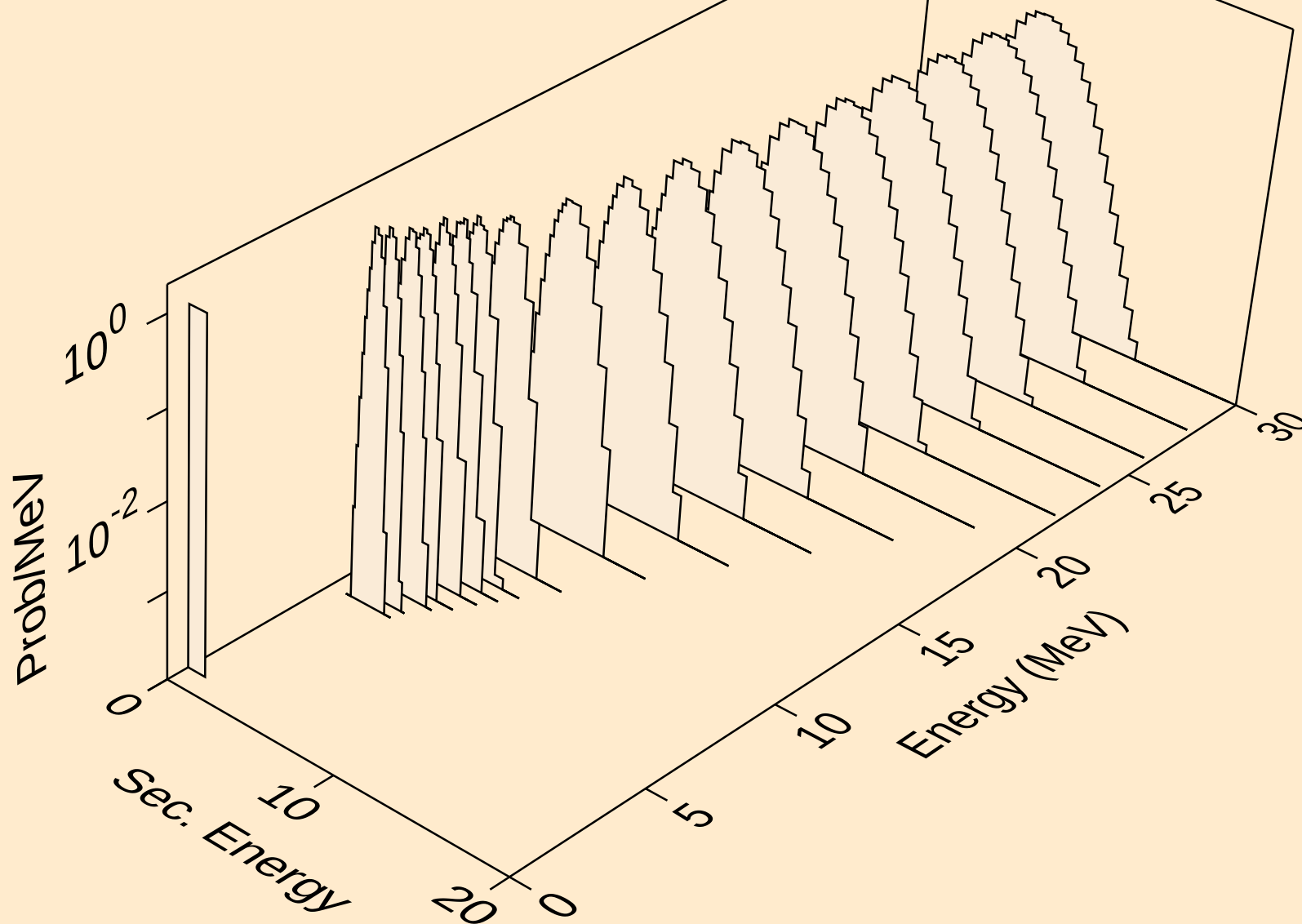
HG181 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
protons from (n,2p)



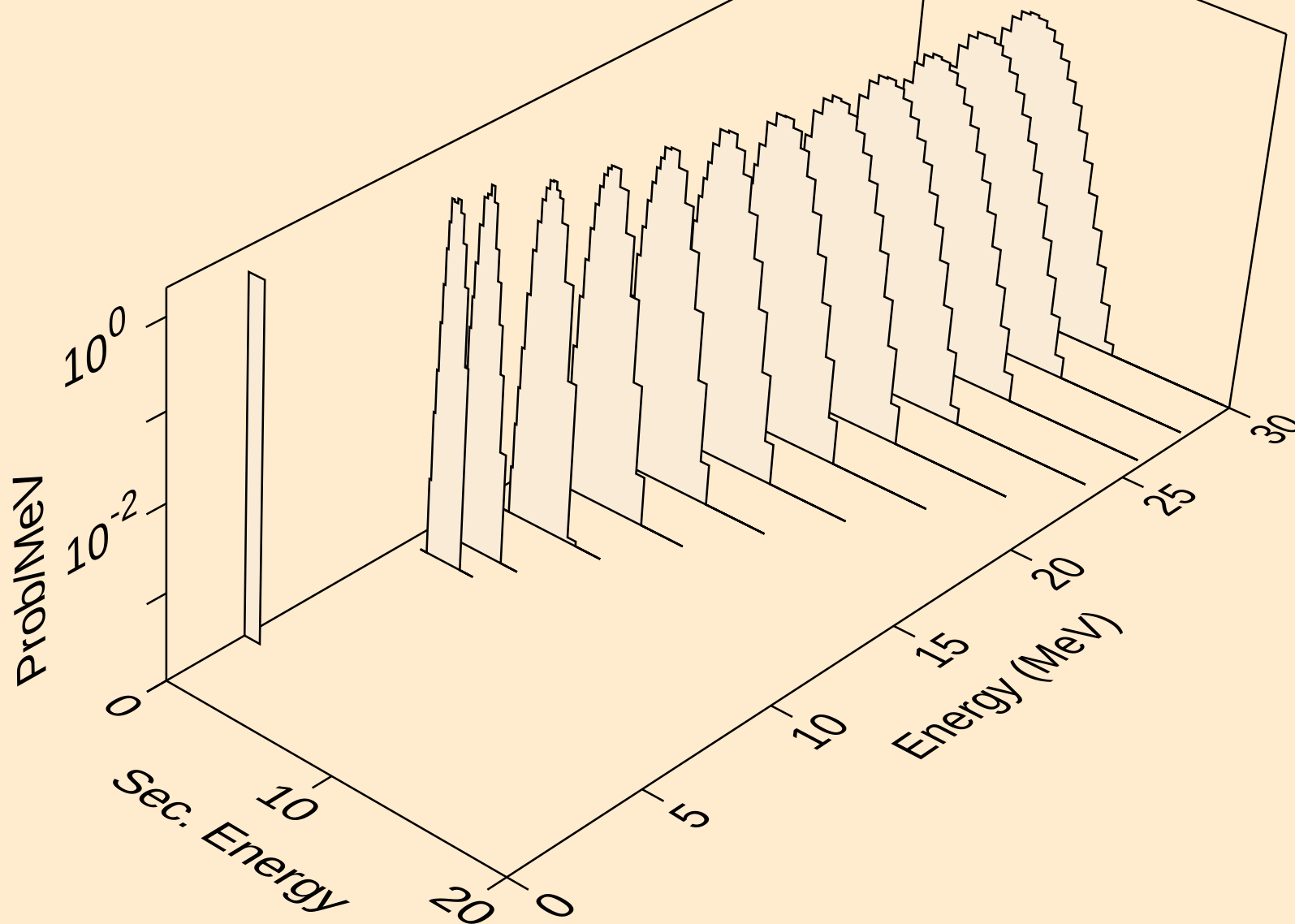
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,p)



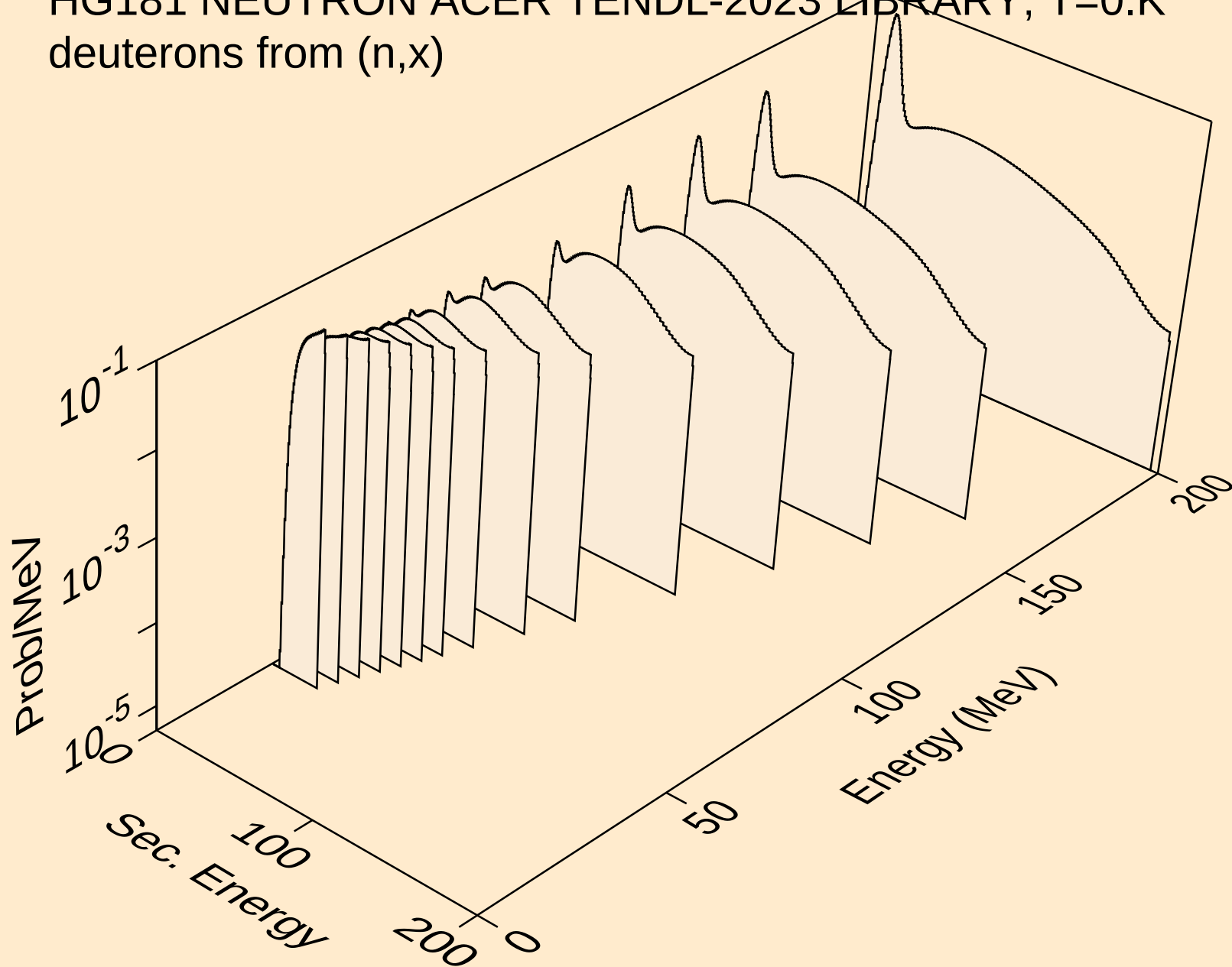
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pd)



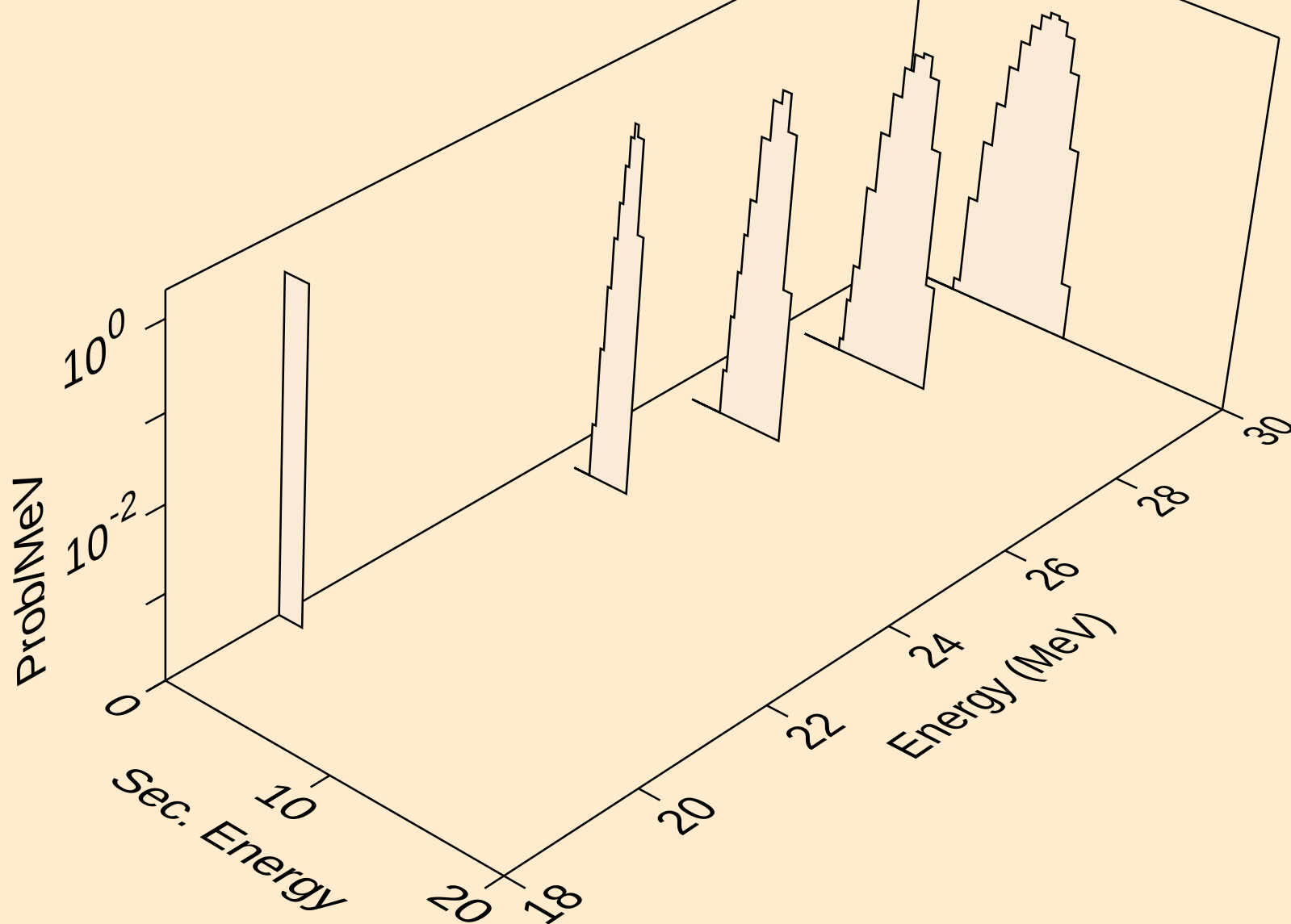
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pt)



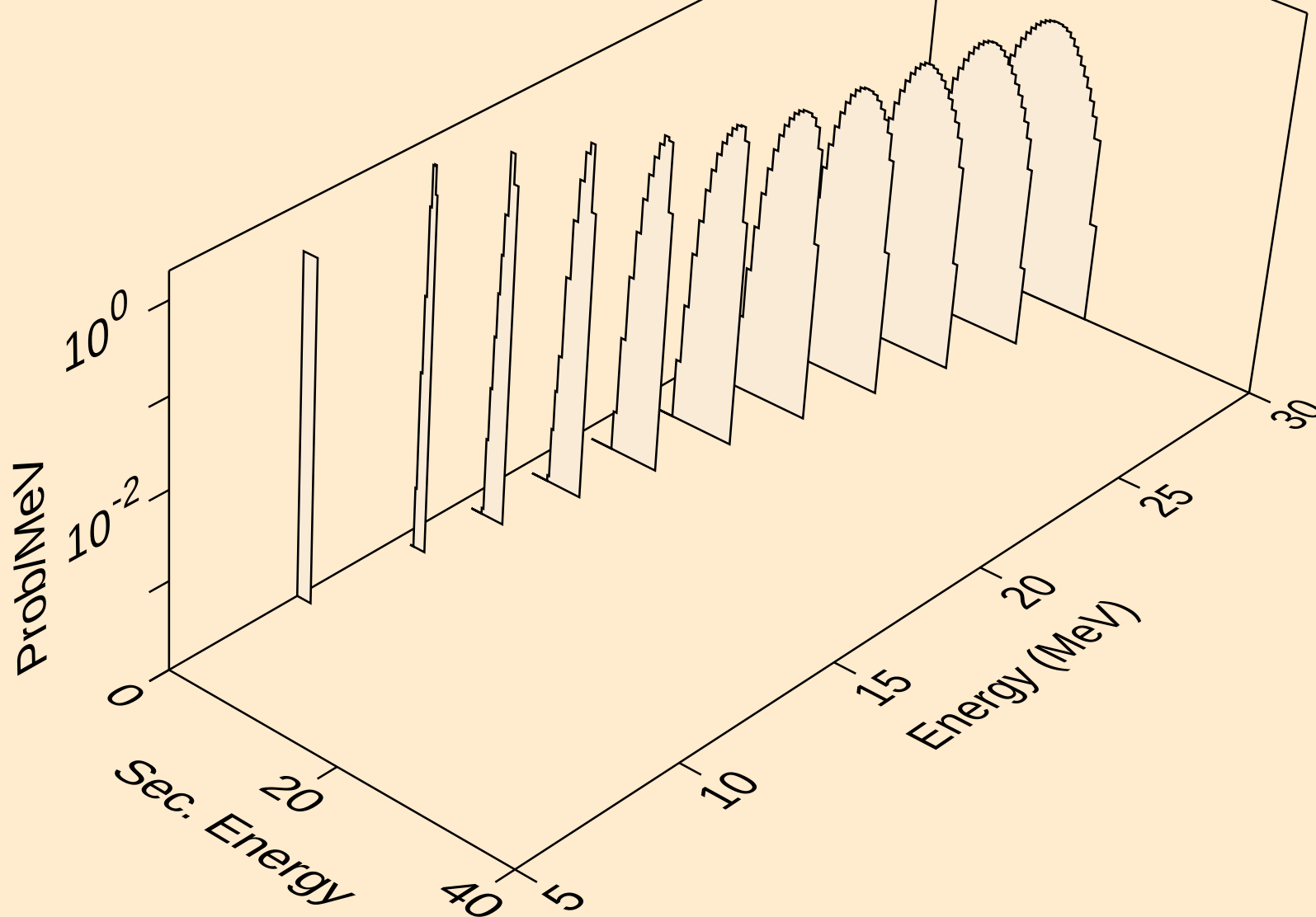
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



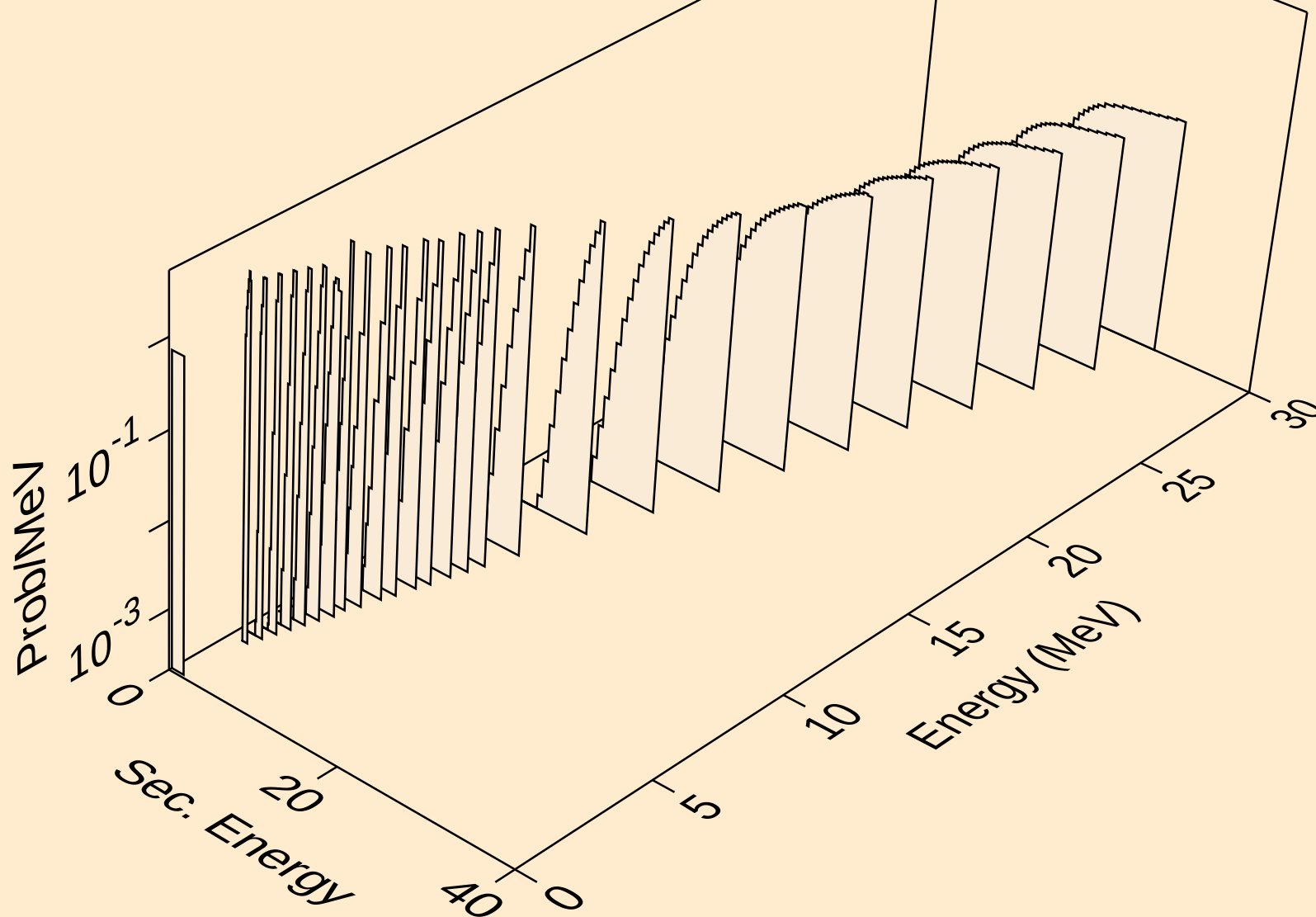
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,2nd)



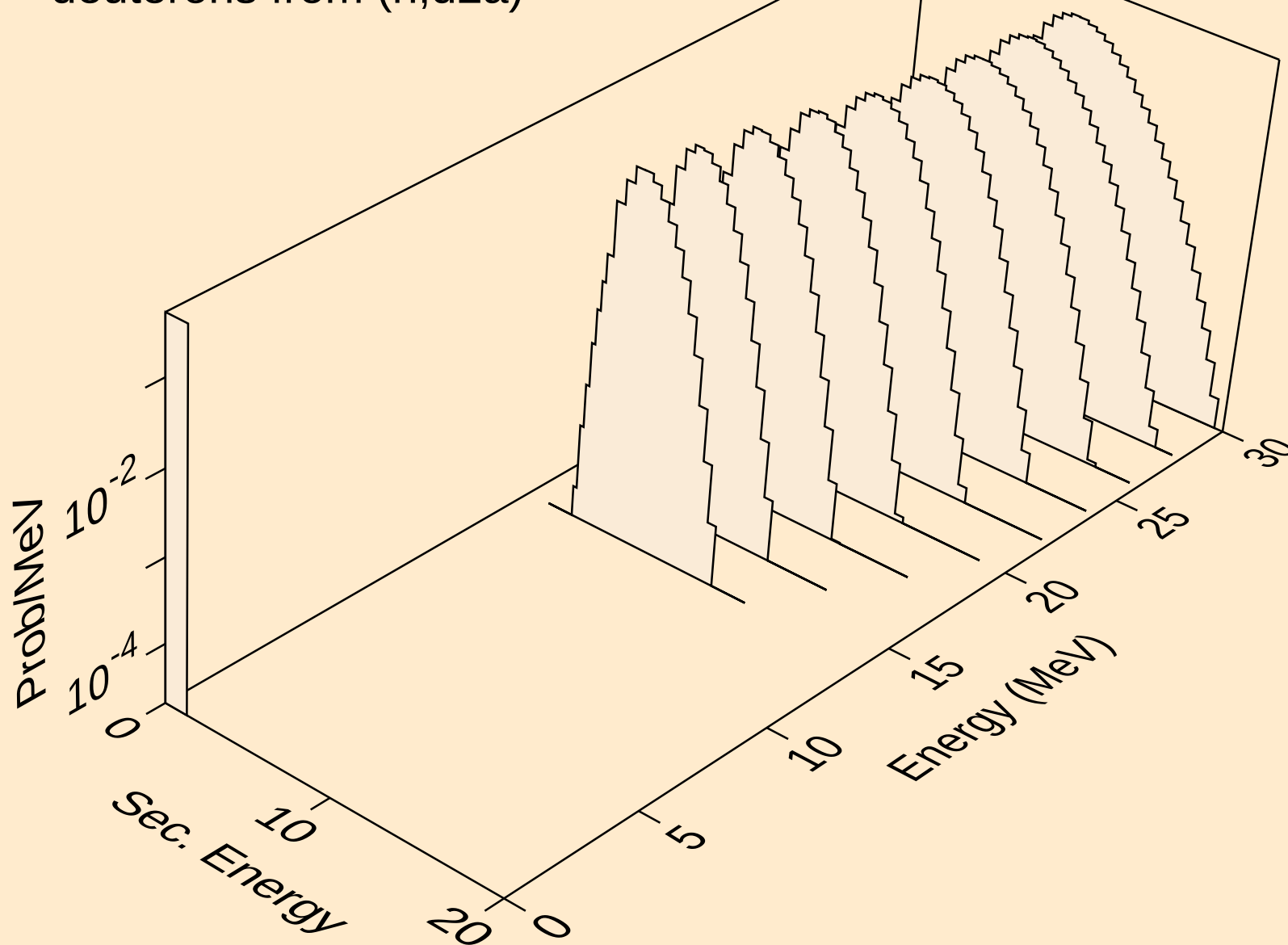
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



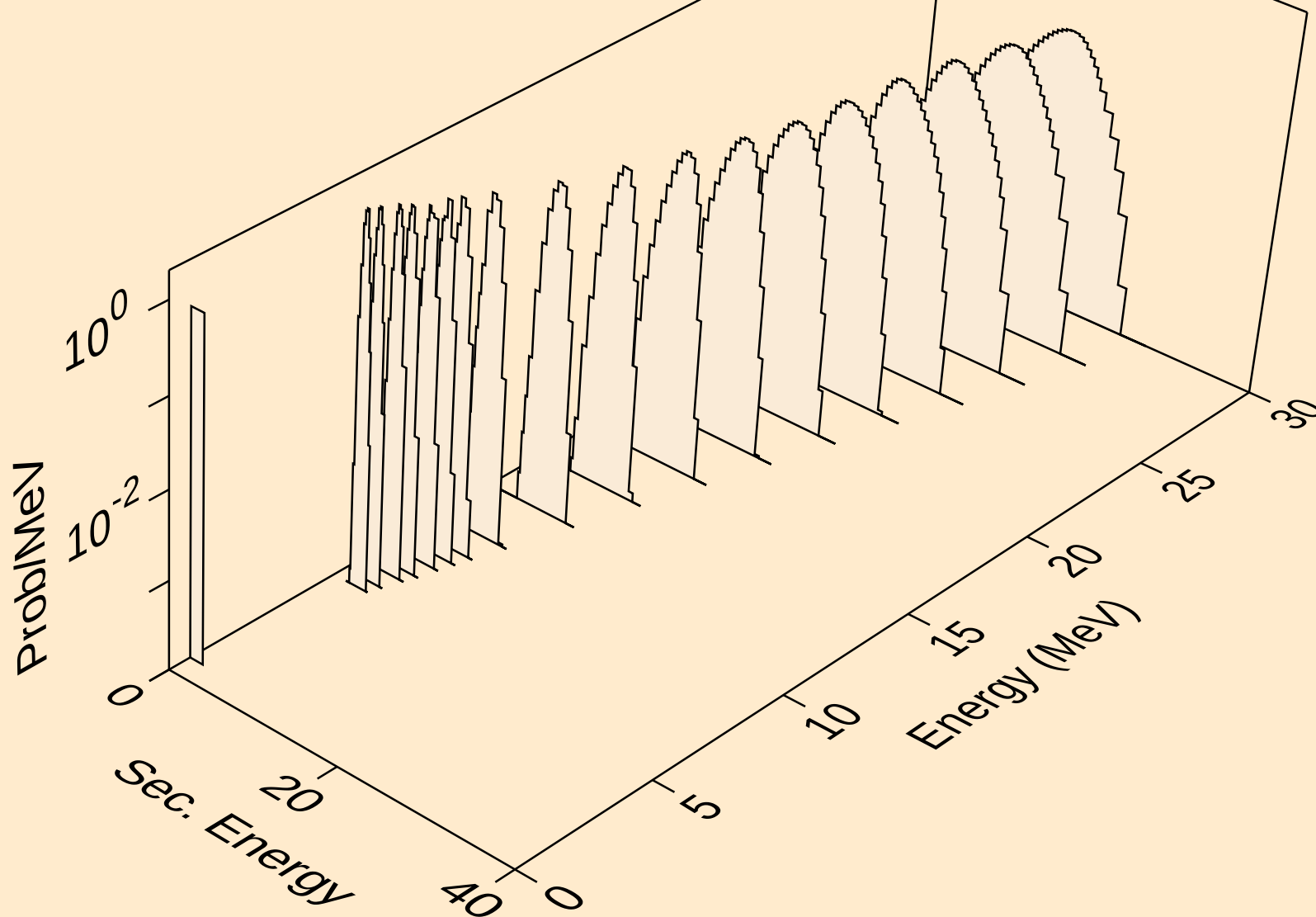
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deuterons from (n,d)



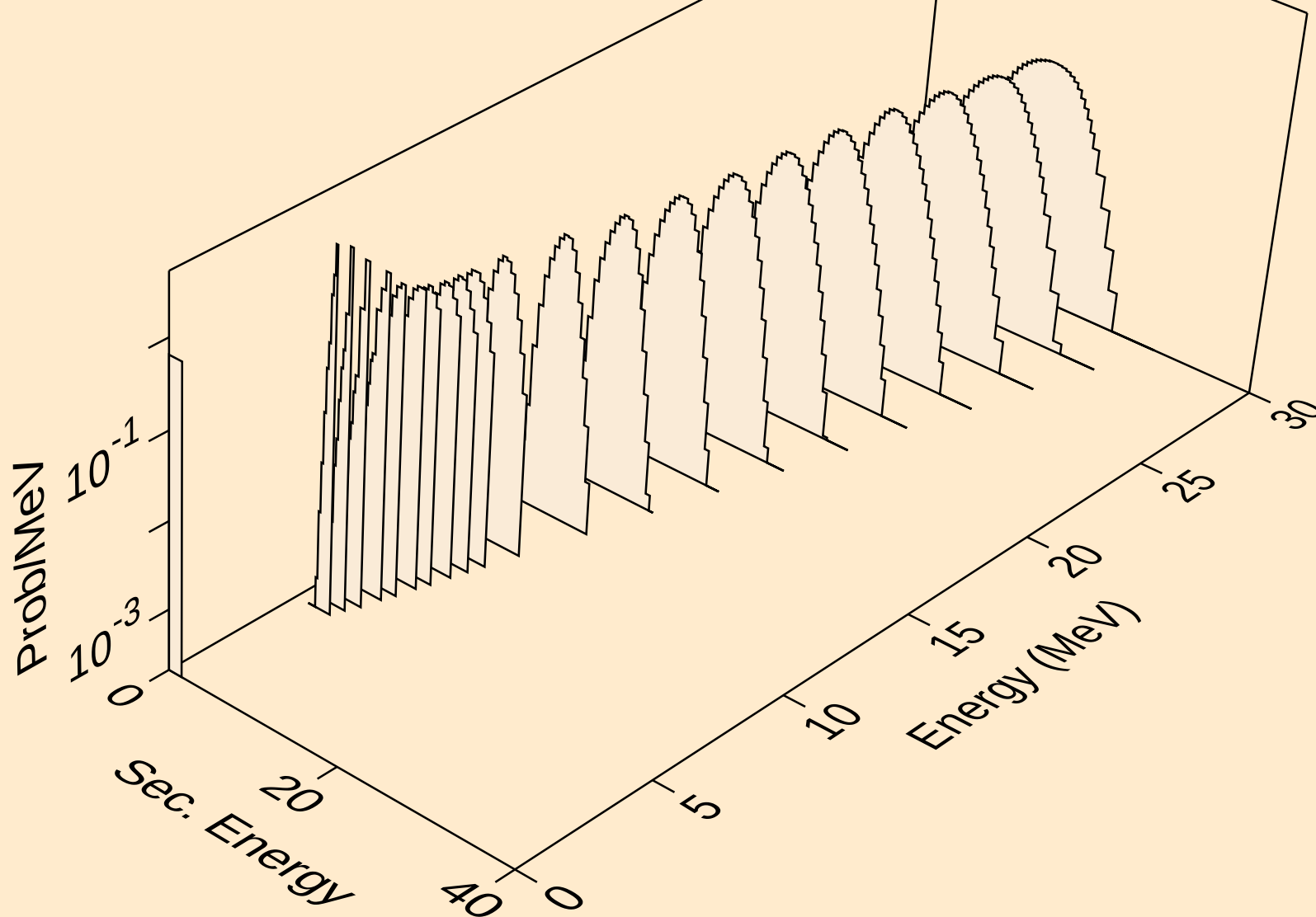
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,d2a)



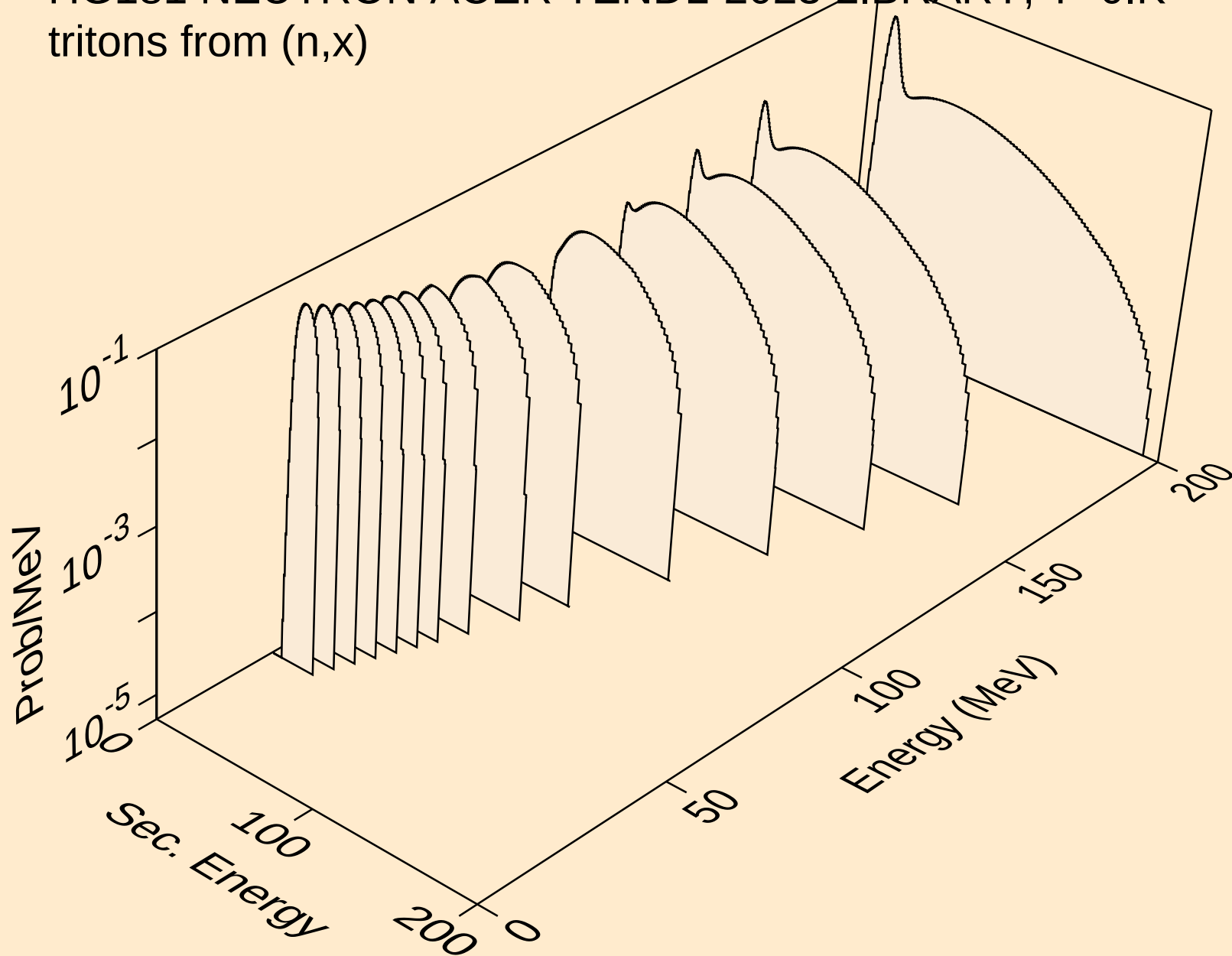
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deuterons from (n,pd)



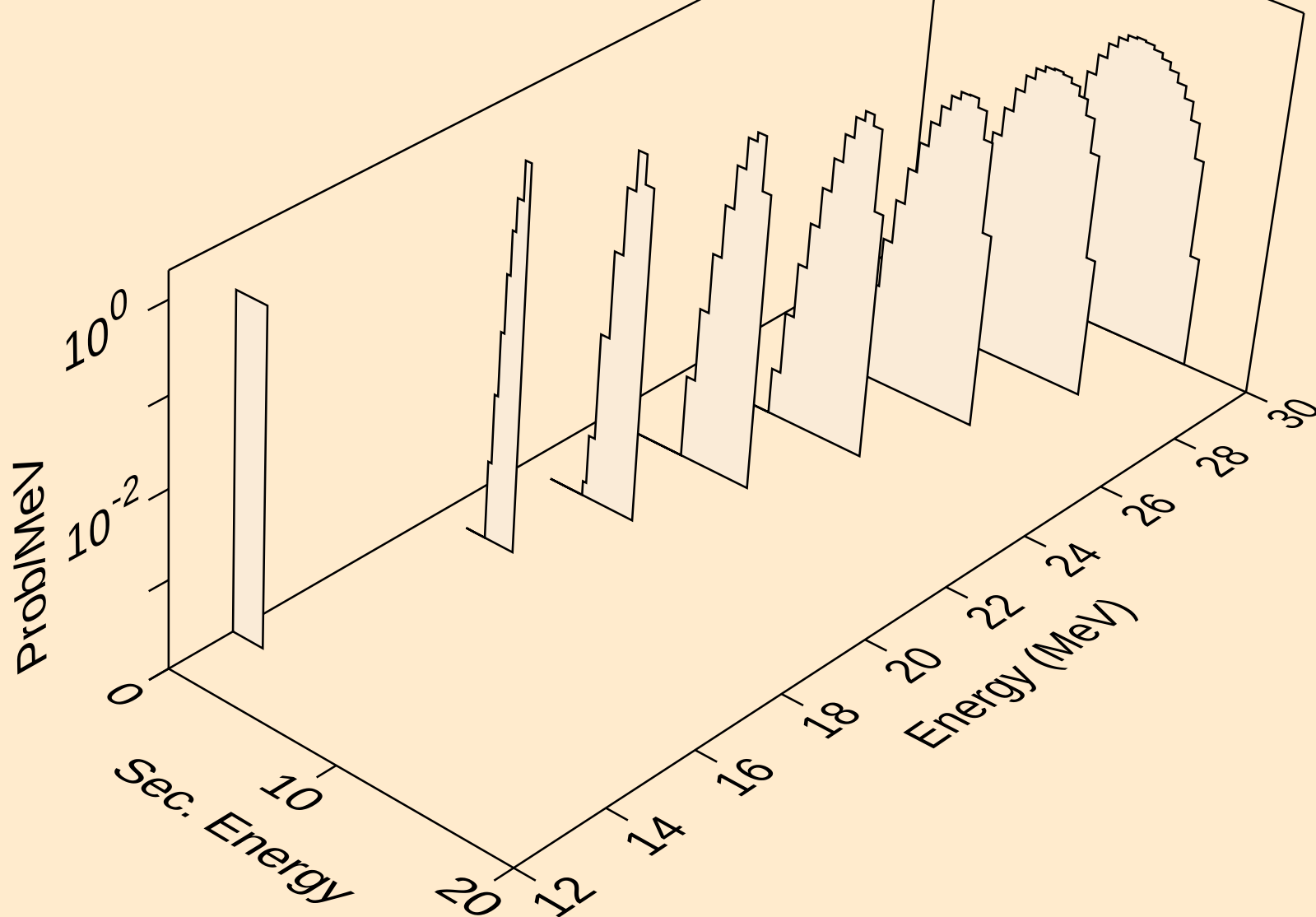
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,da)



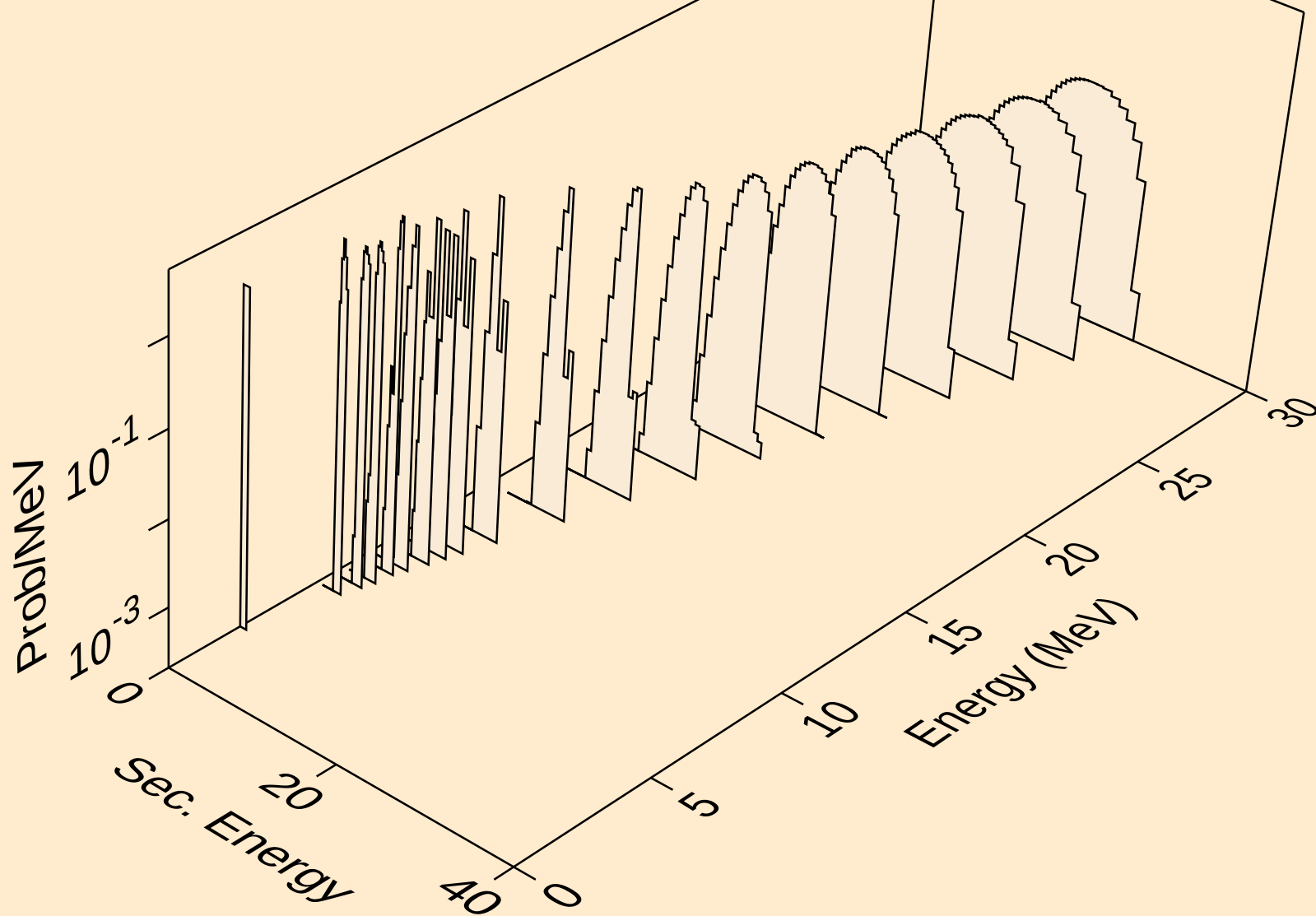
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



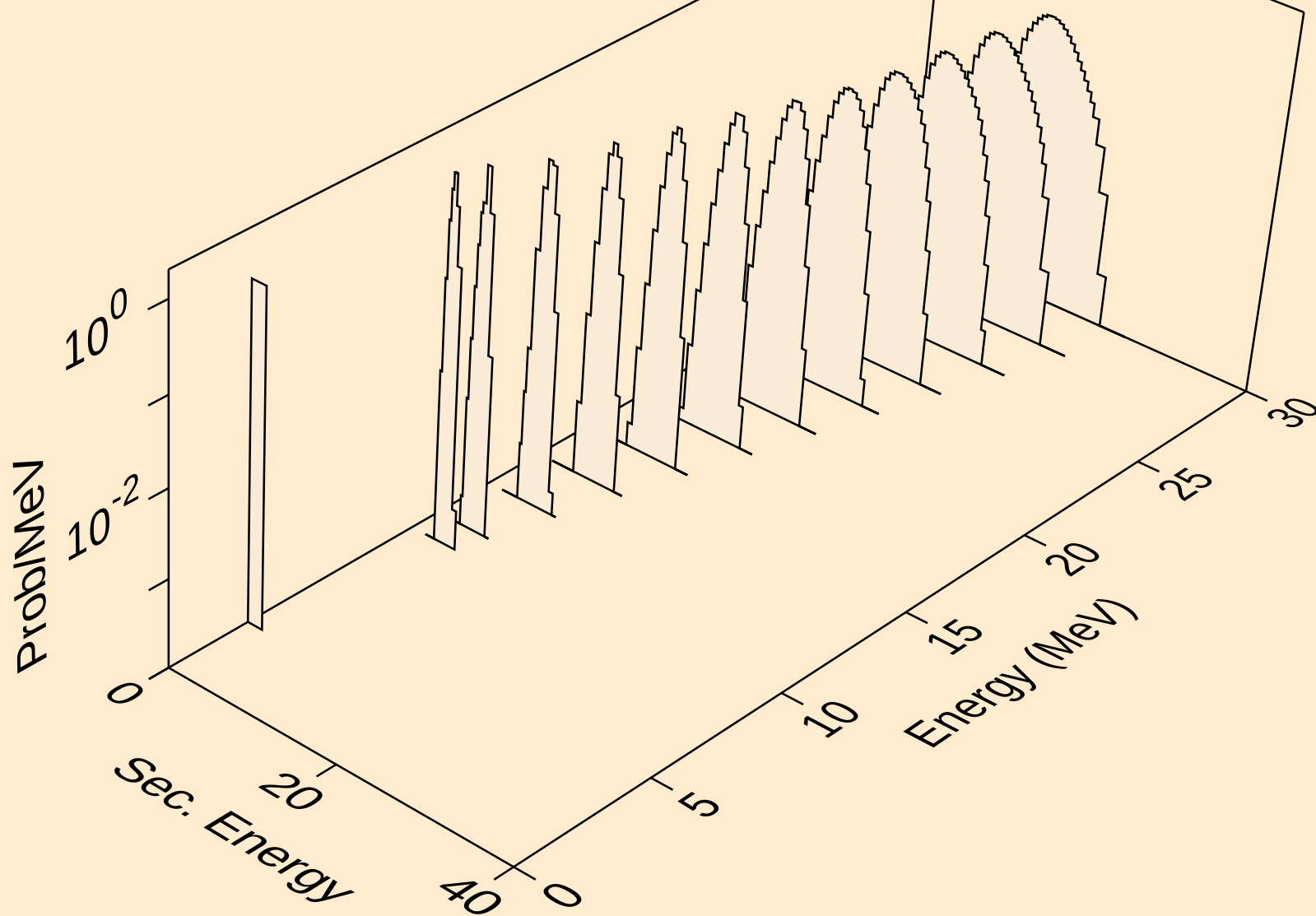
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



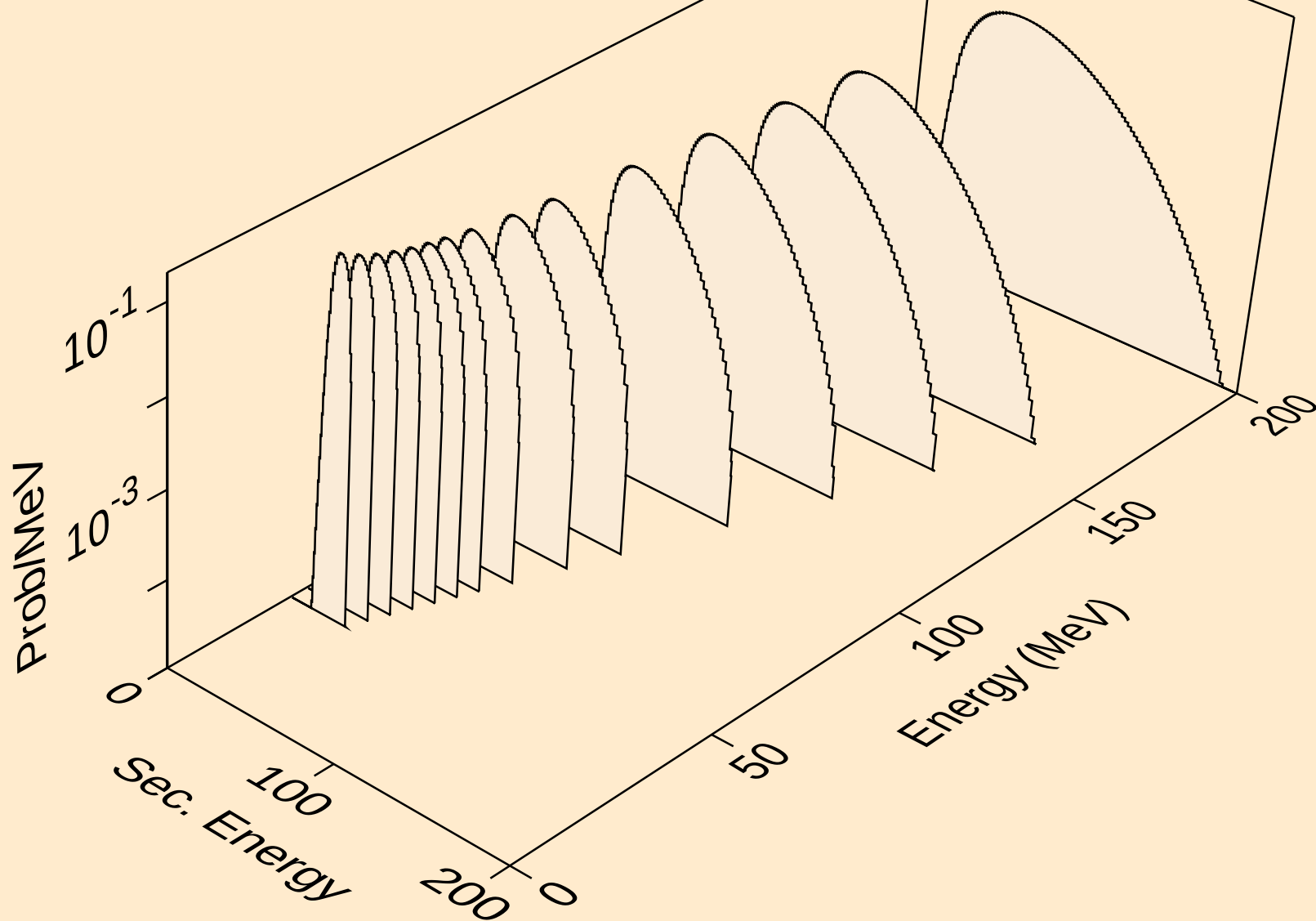
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tritons from (n,t)



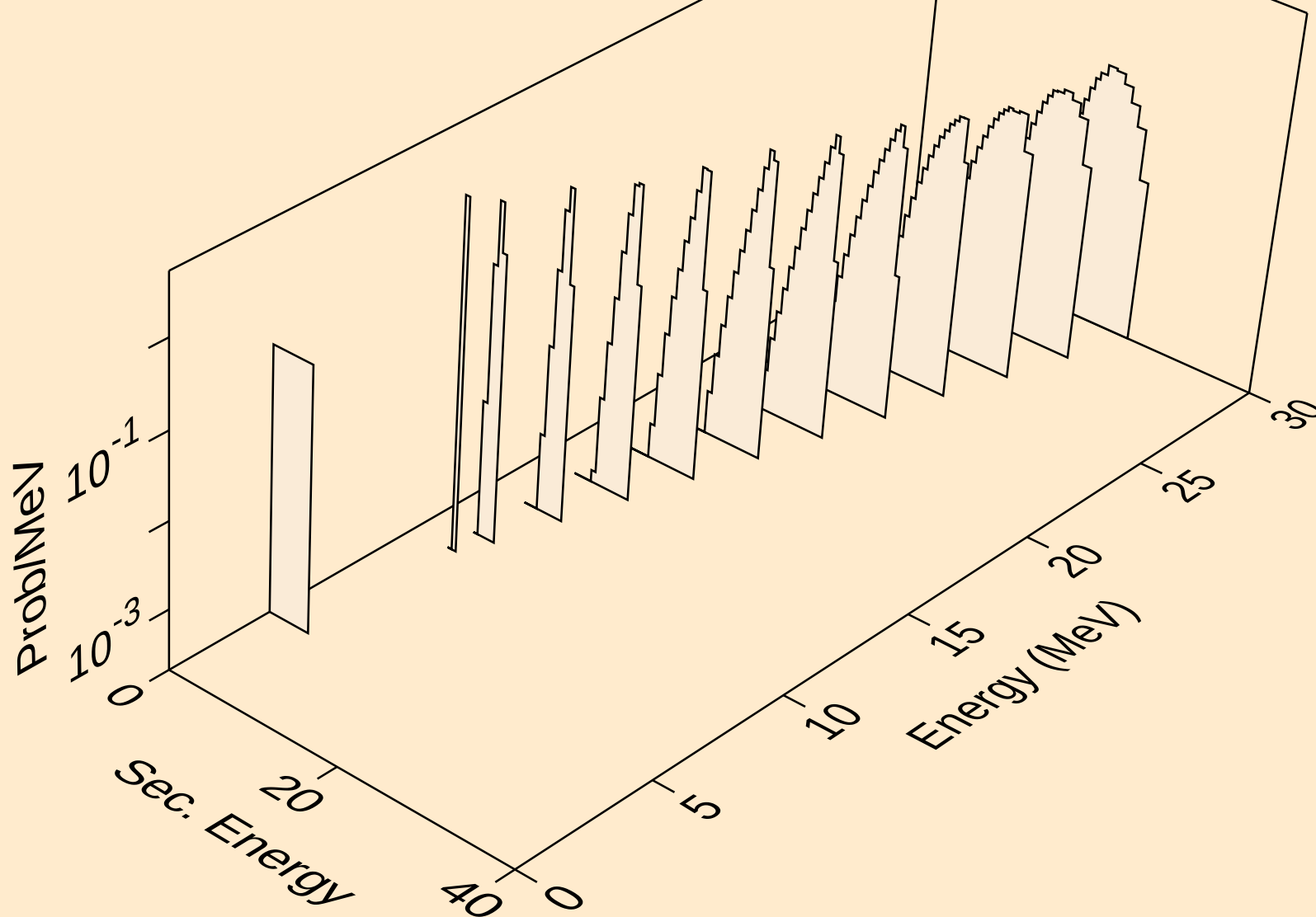
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tritons from (n,pt)



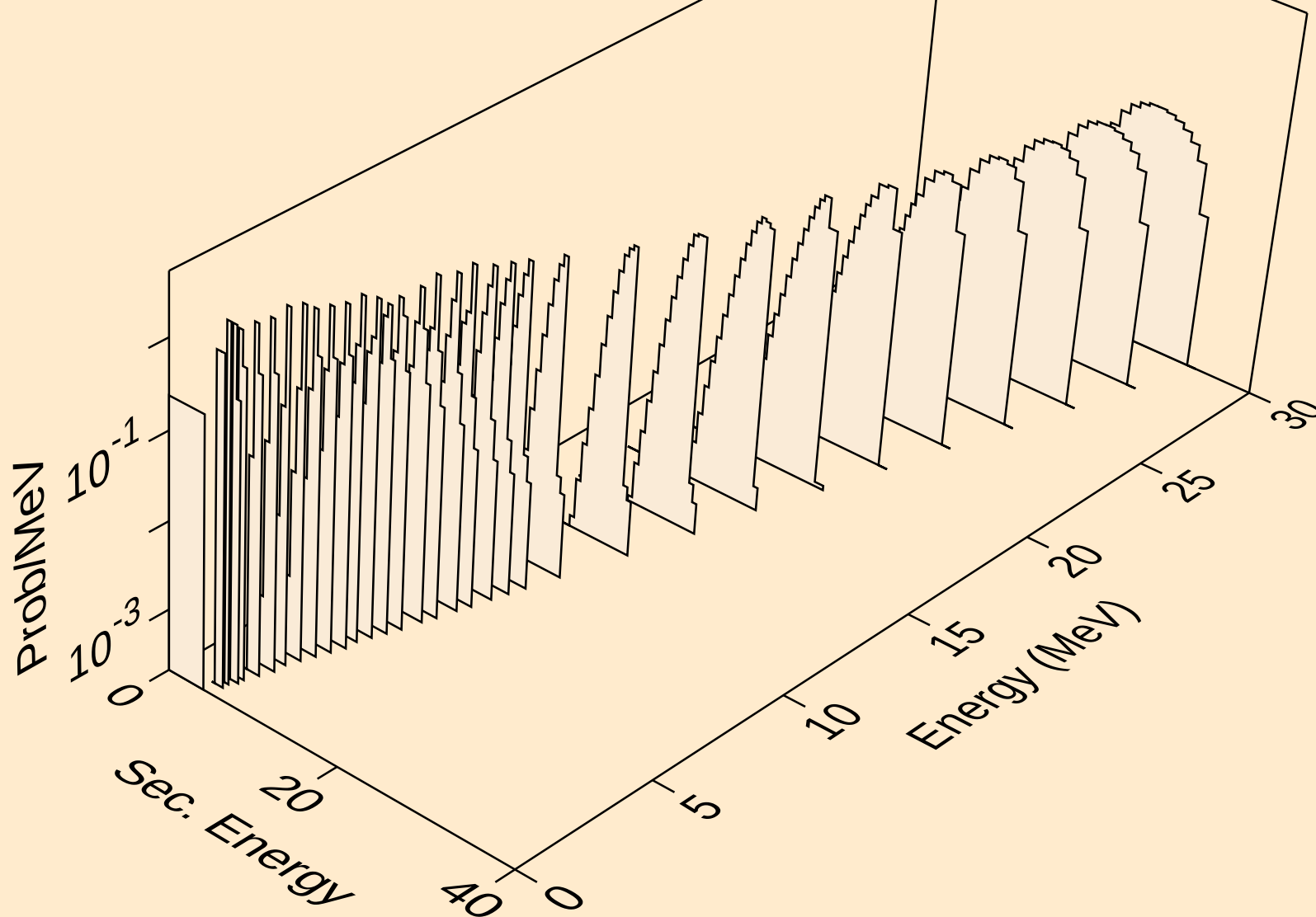
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



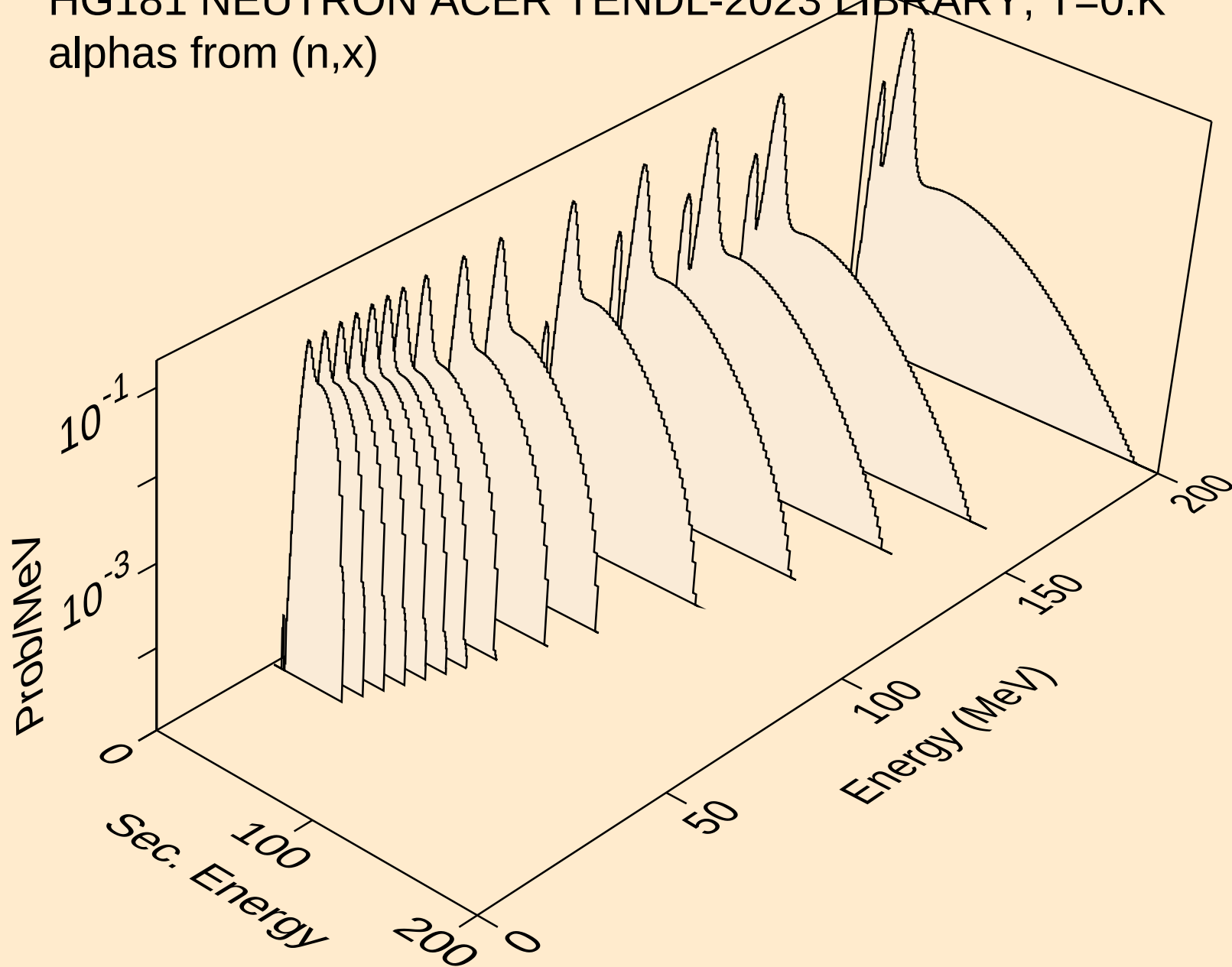
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he3s from (n,n*)he3



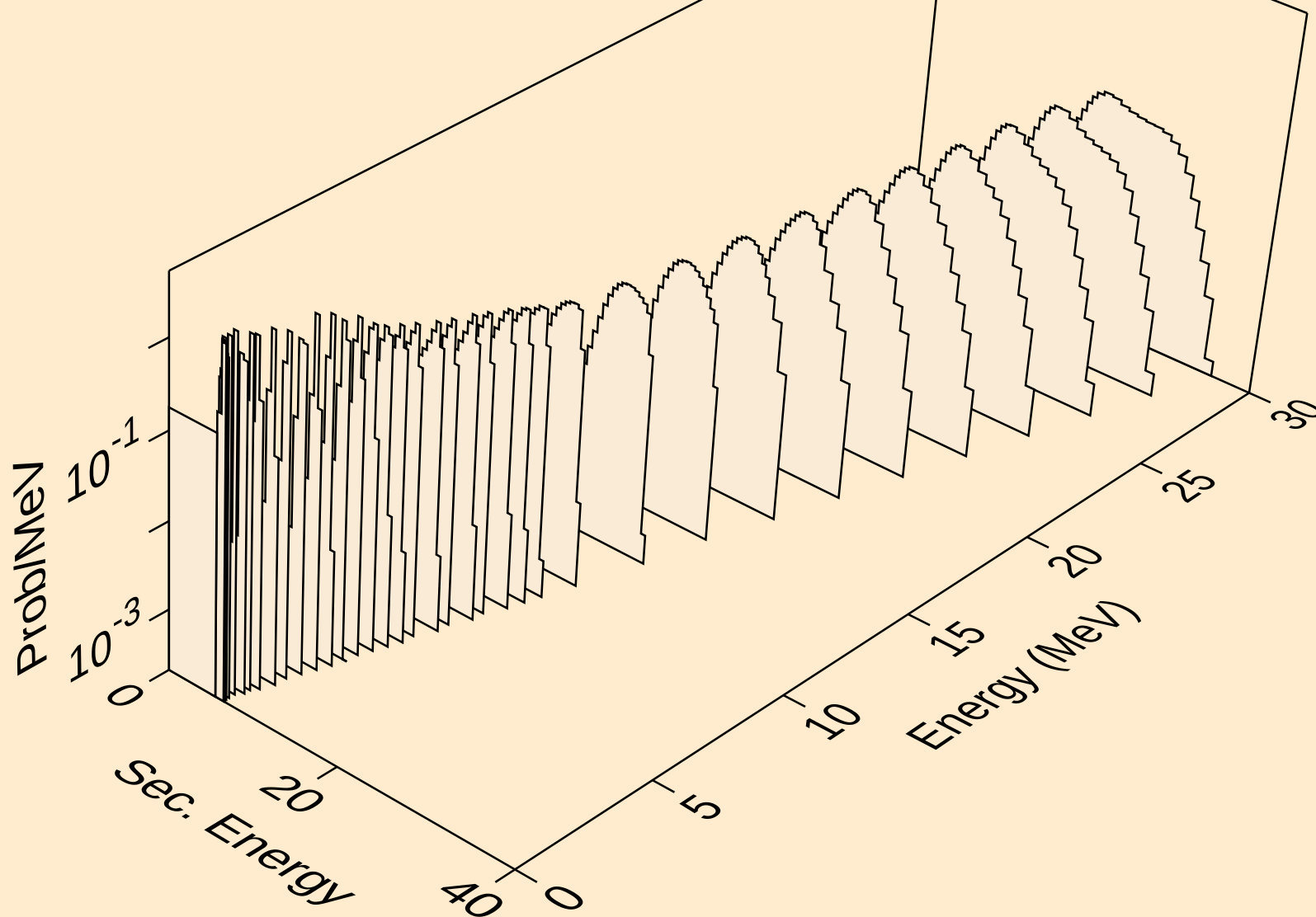
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he3s from (n,he3)



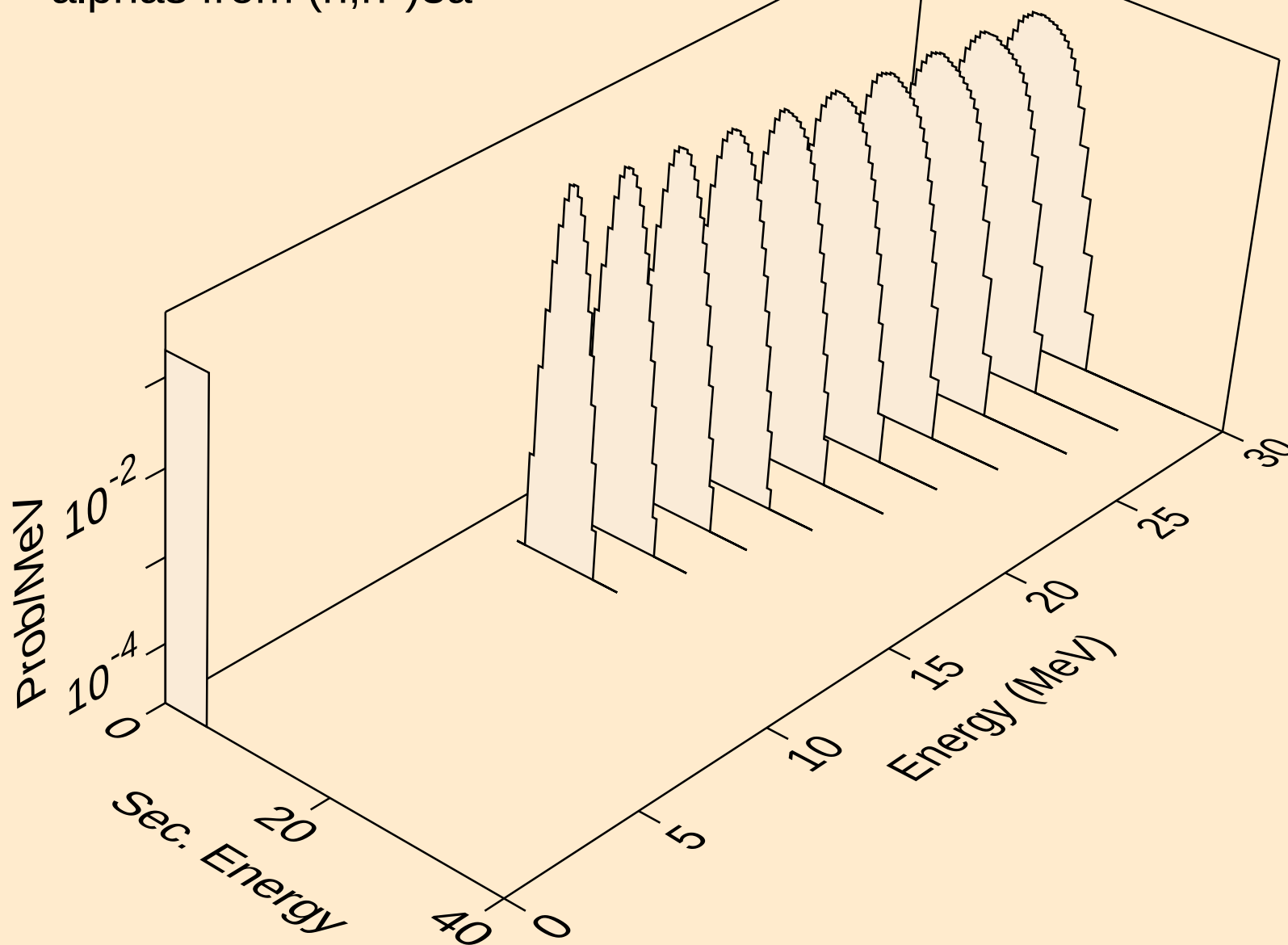
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



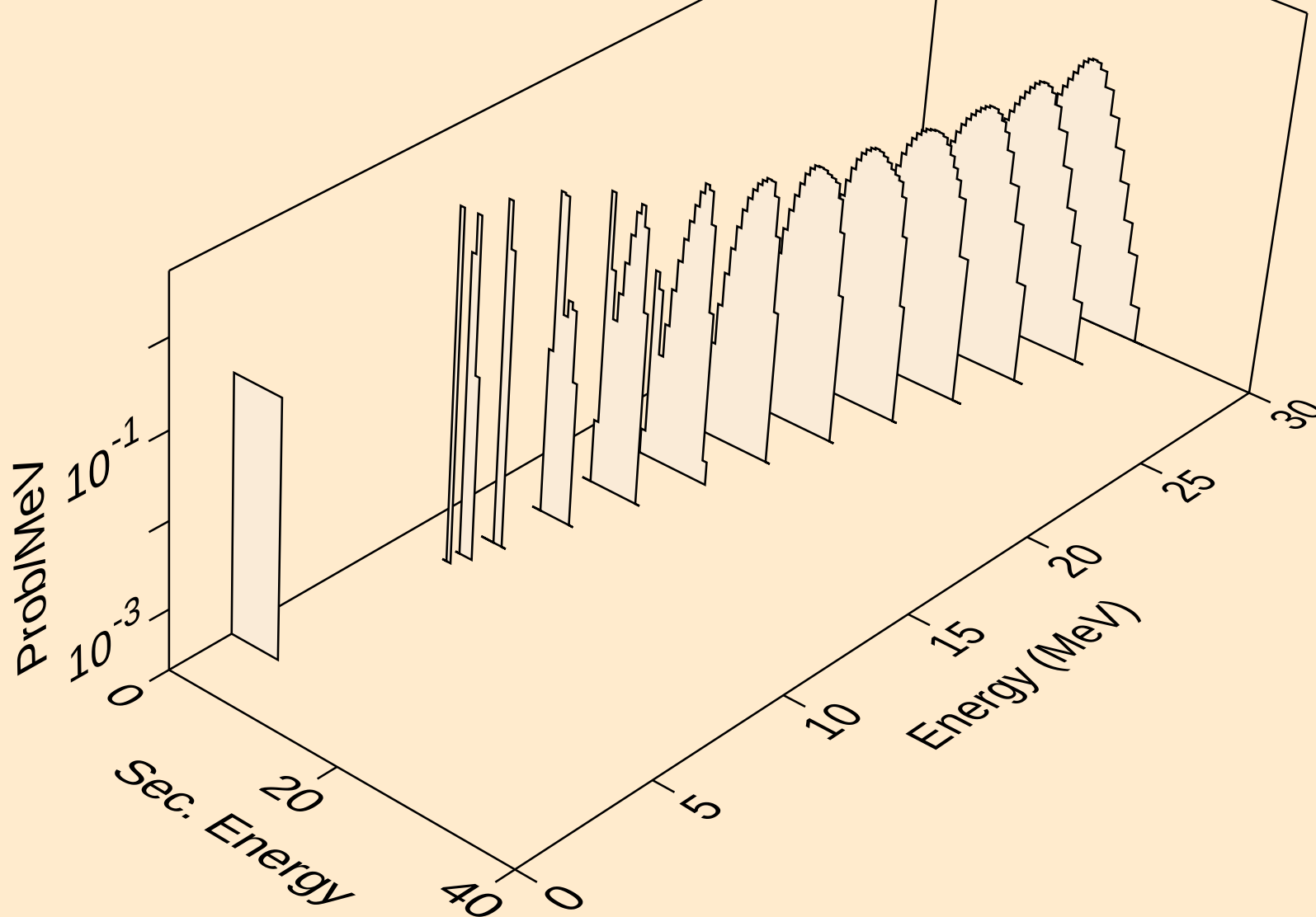
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



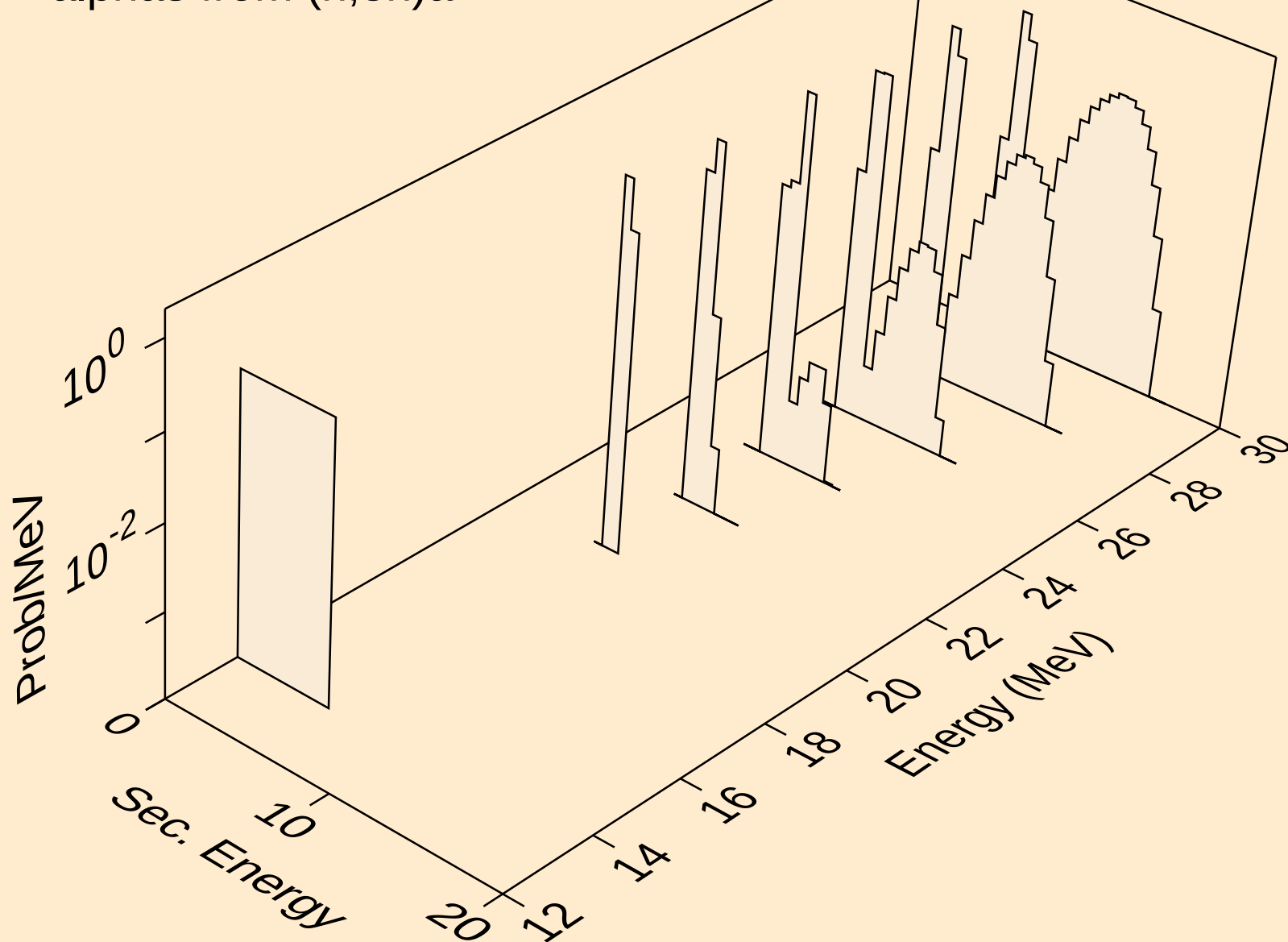
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)3a



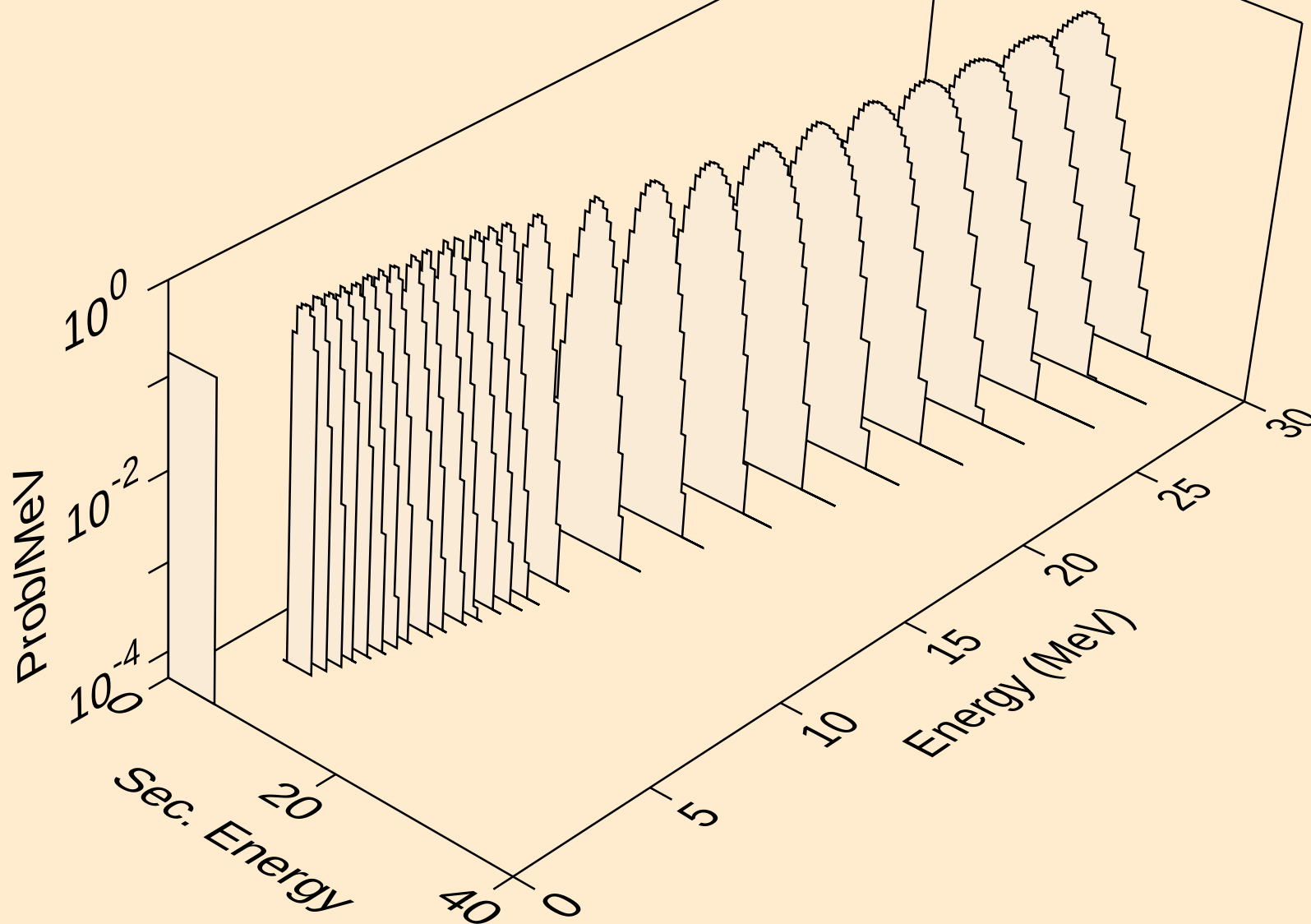
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



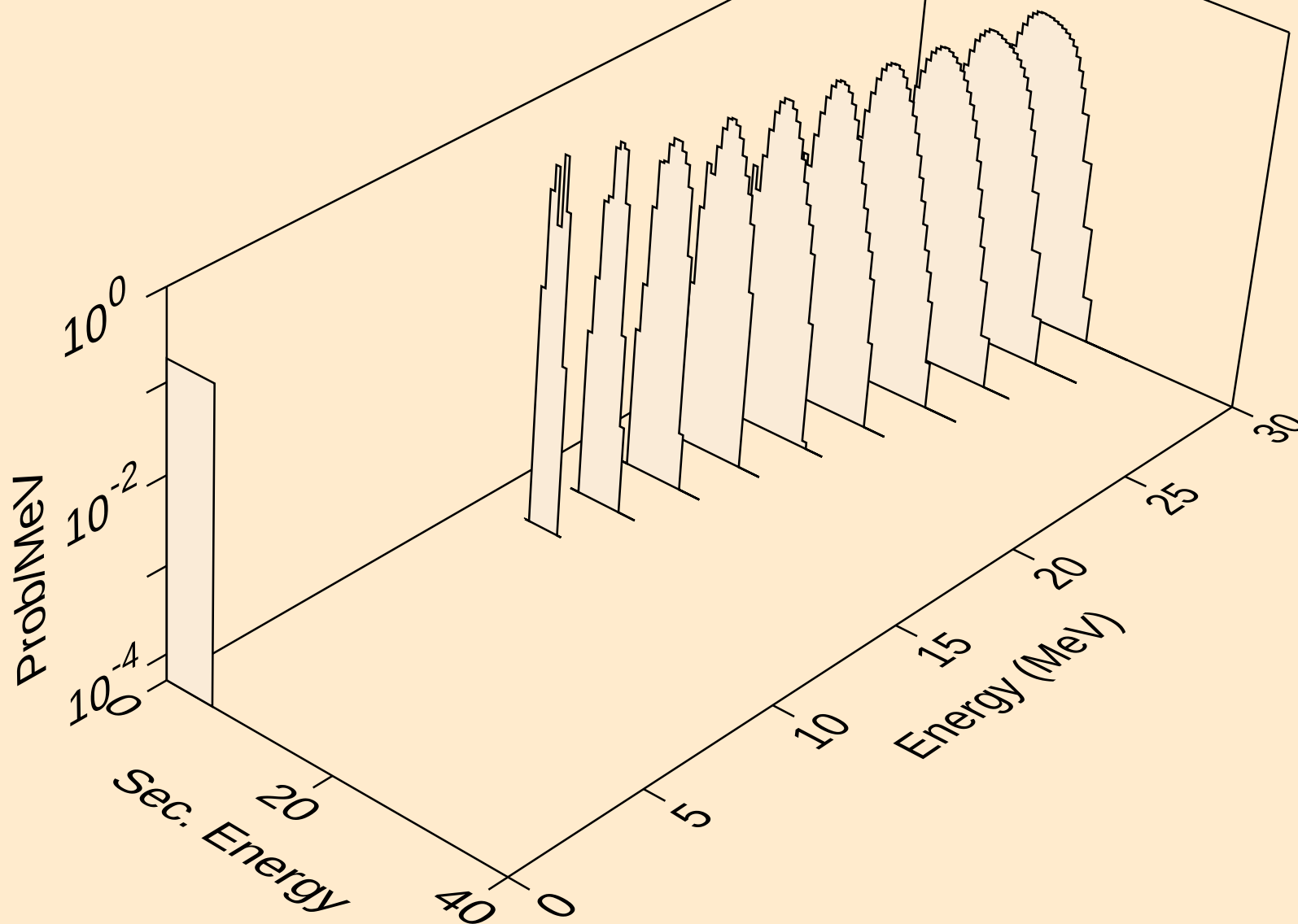
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



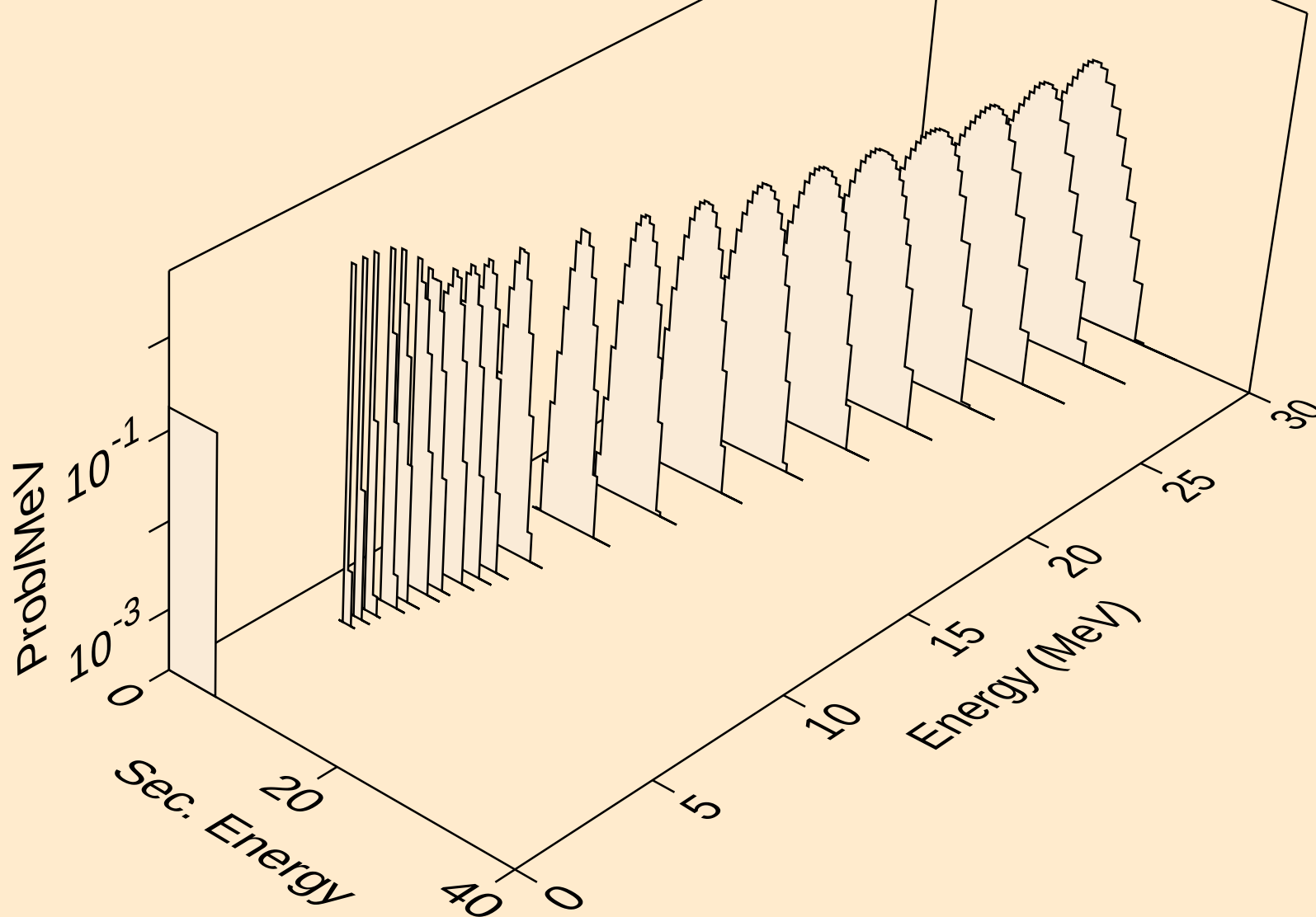
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)2a



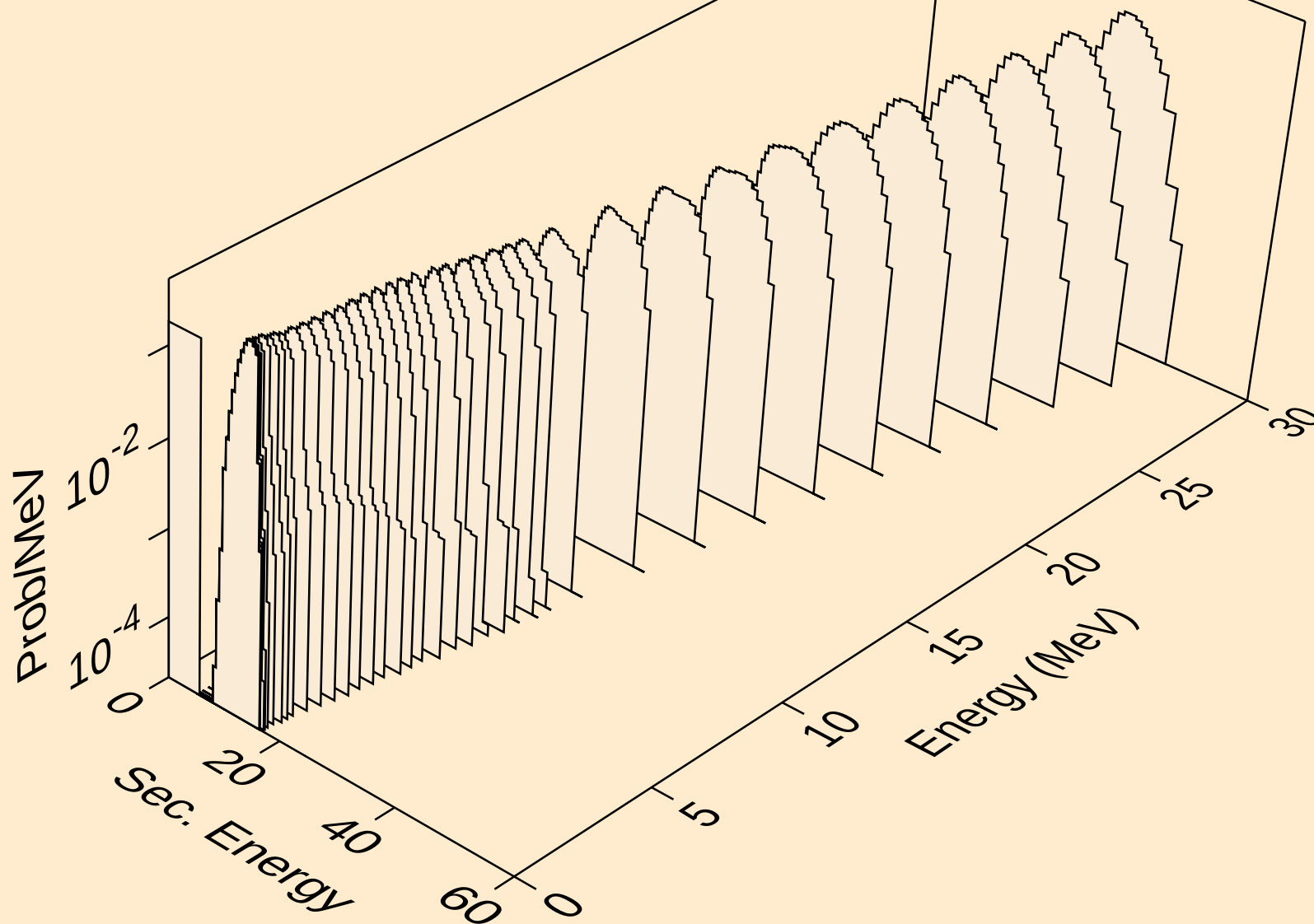
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)2a



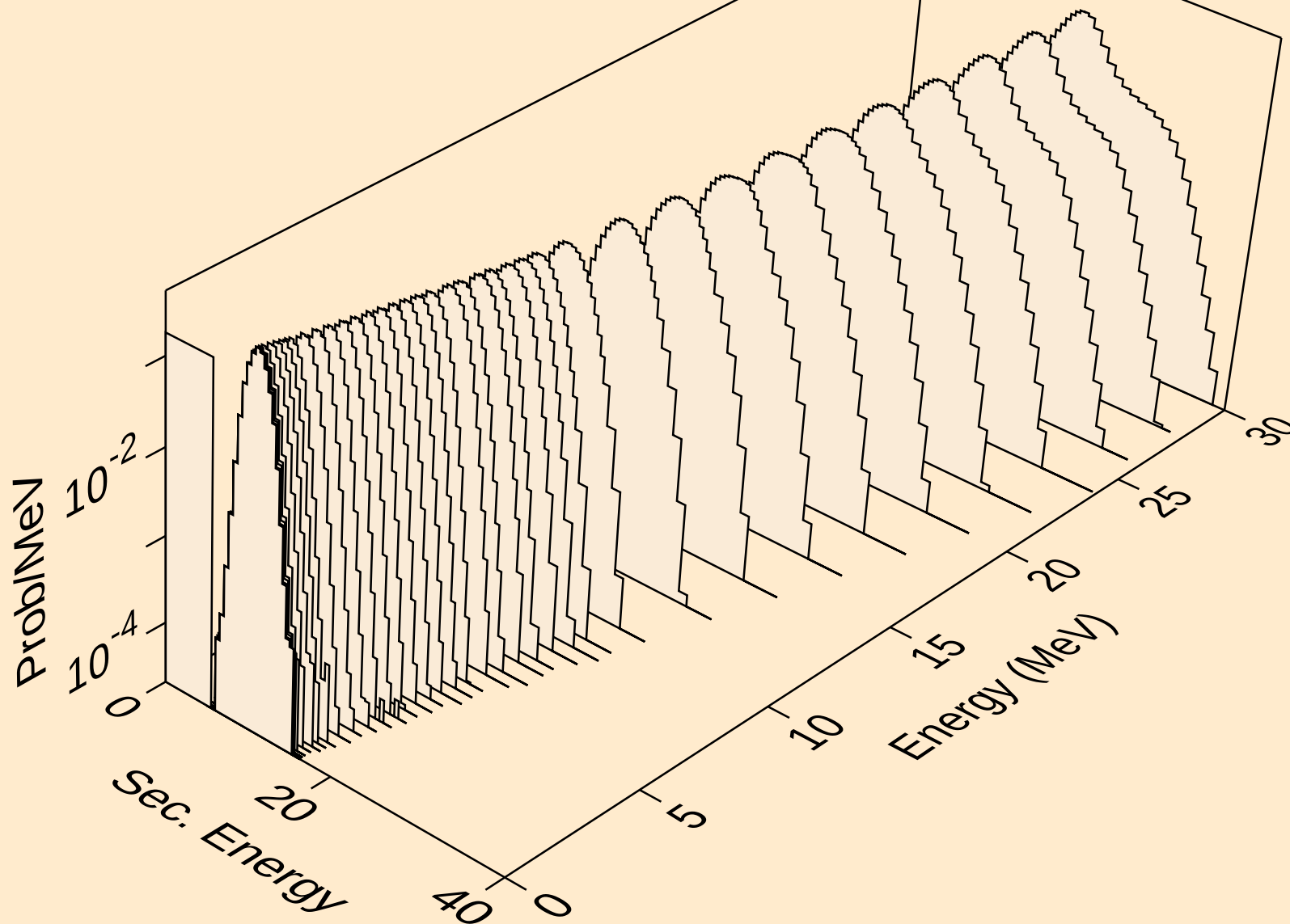
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,npa)



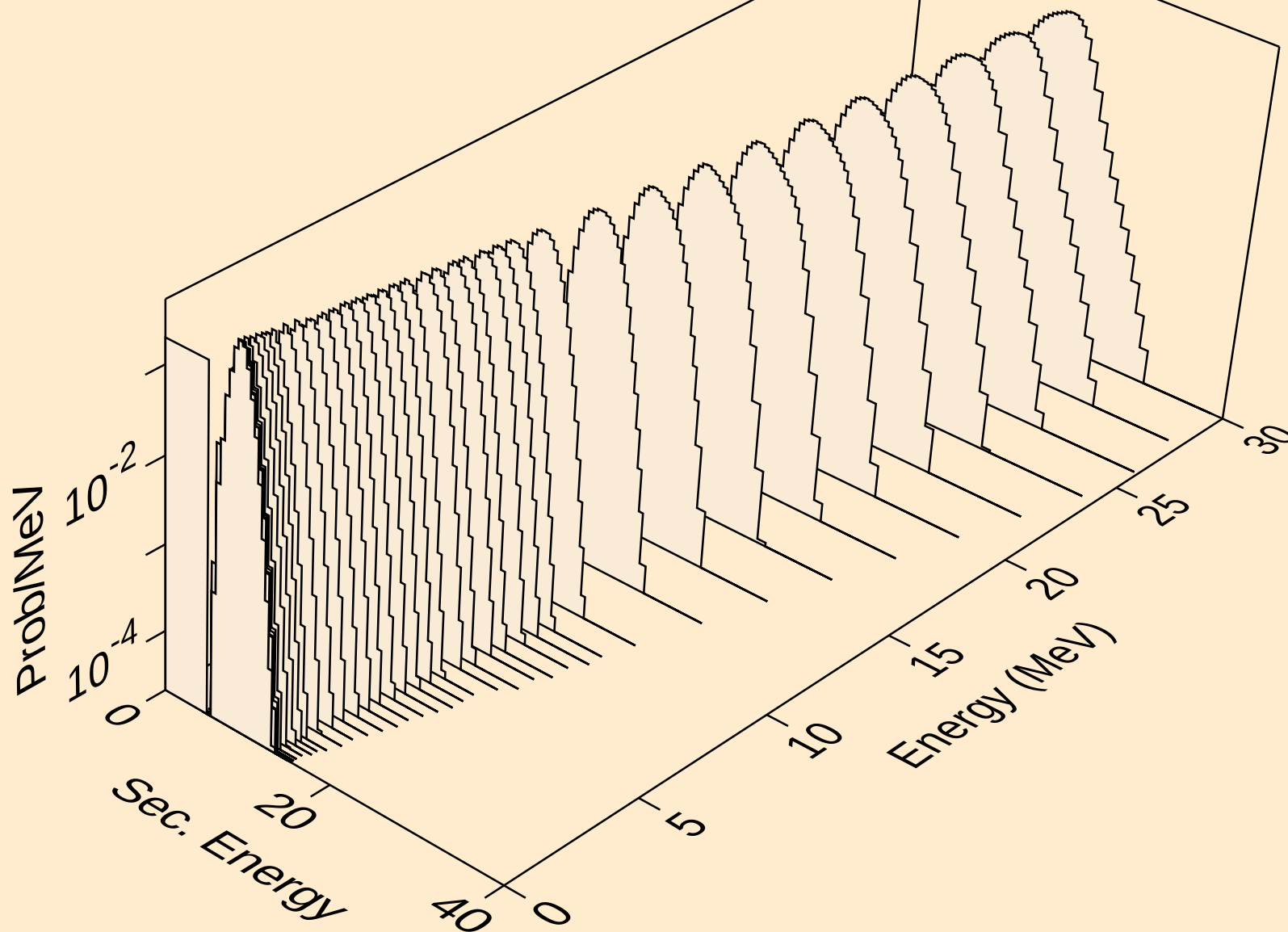
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



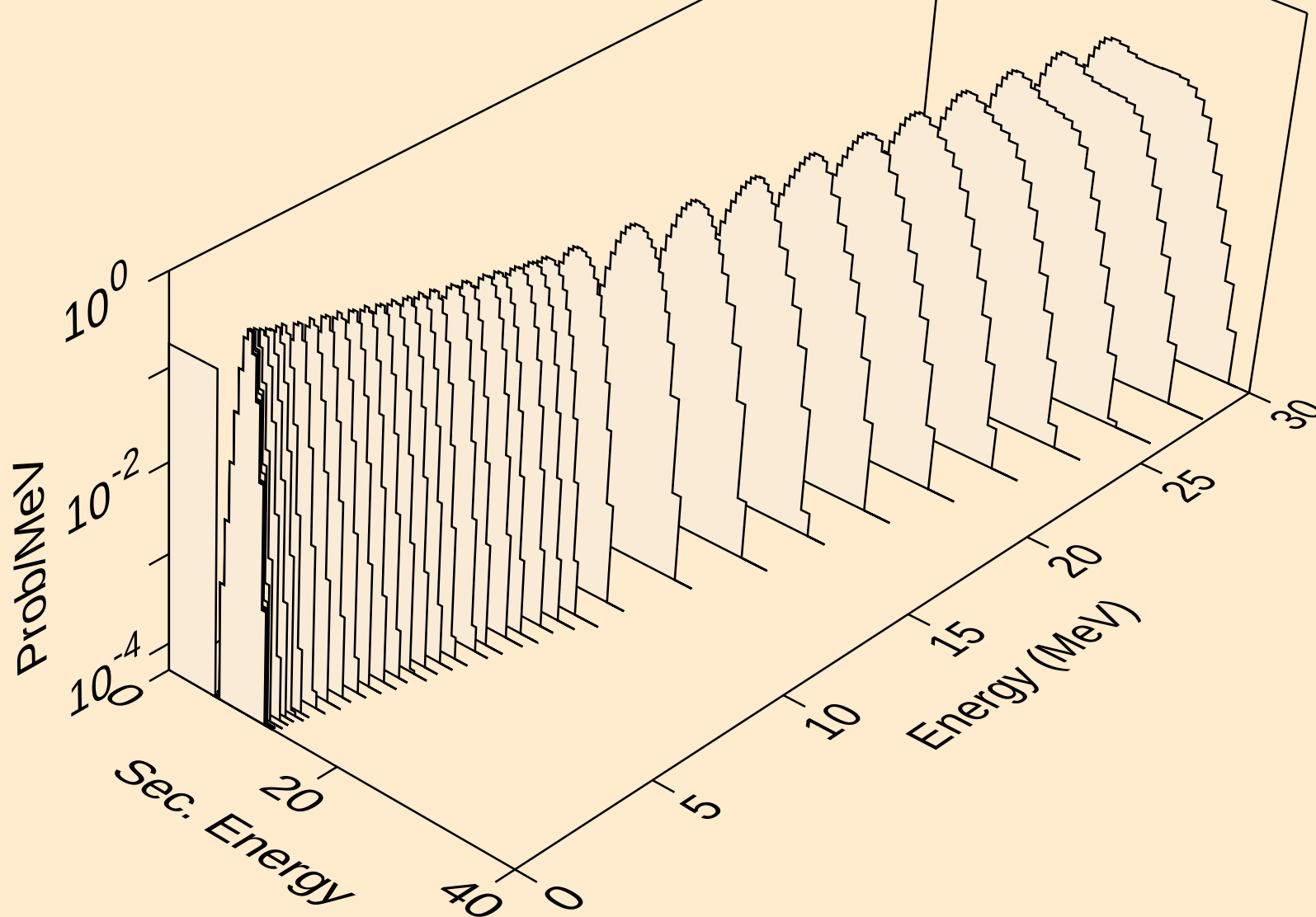
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



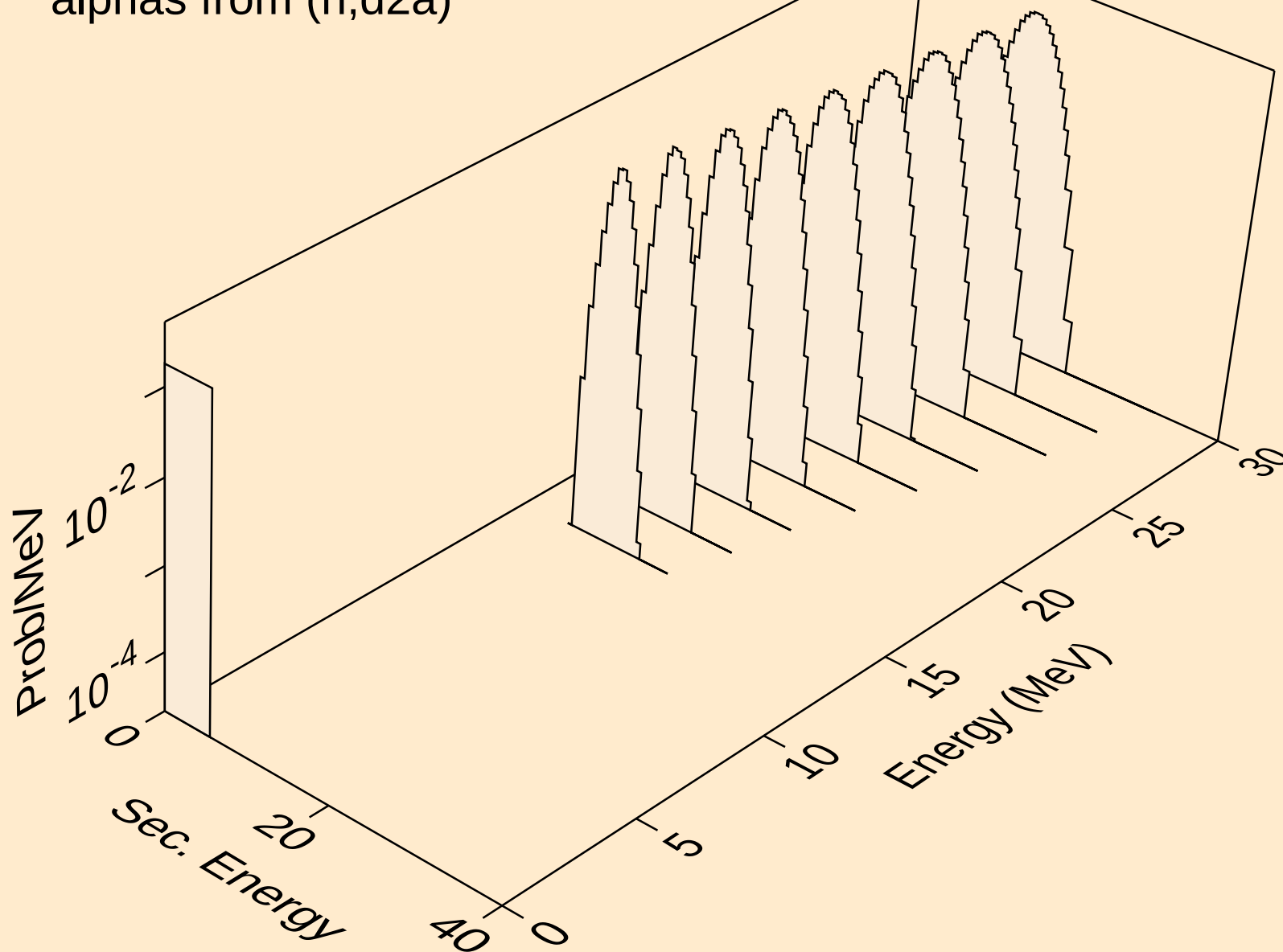
HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3a)



HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)



HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,d2a)



HG181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

