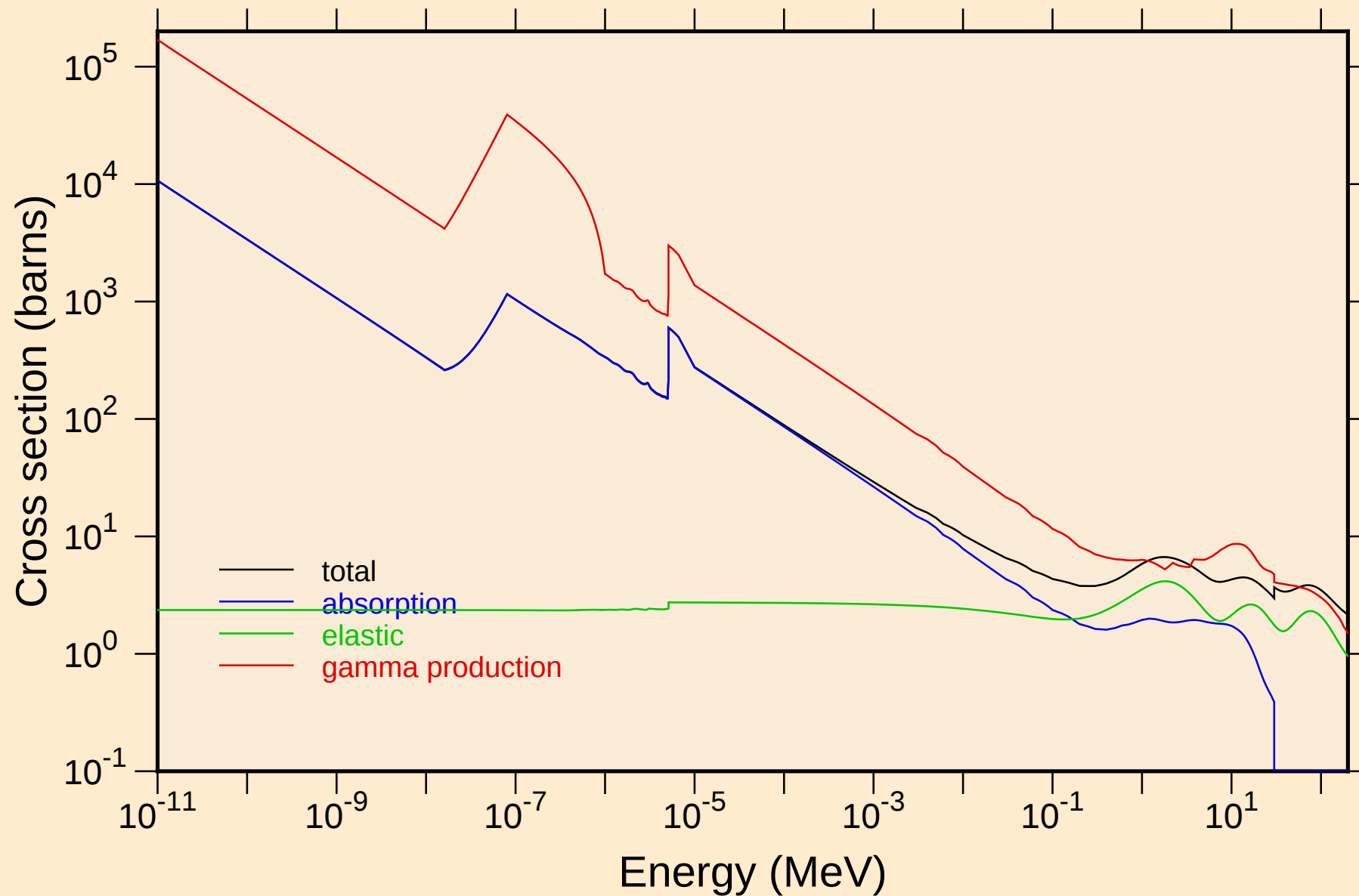
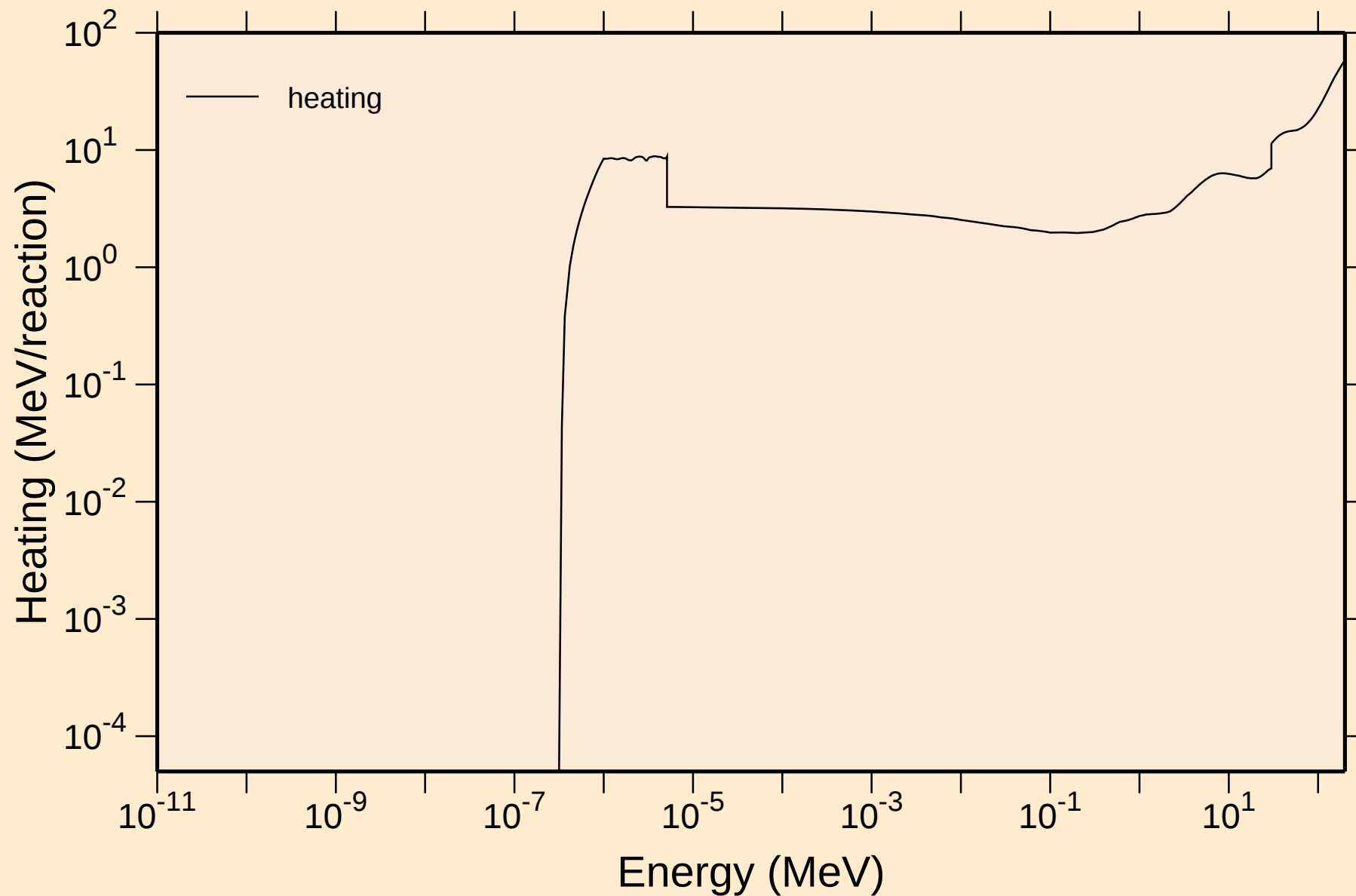


SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Principal cross sections



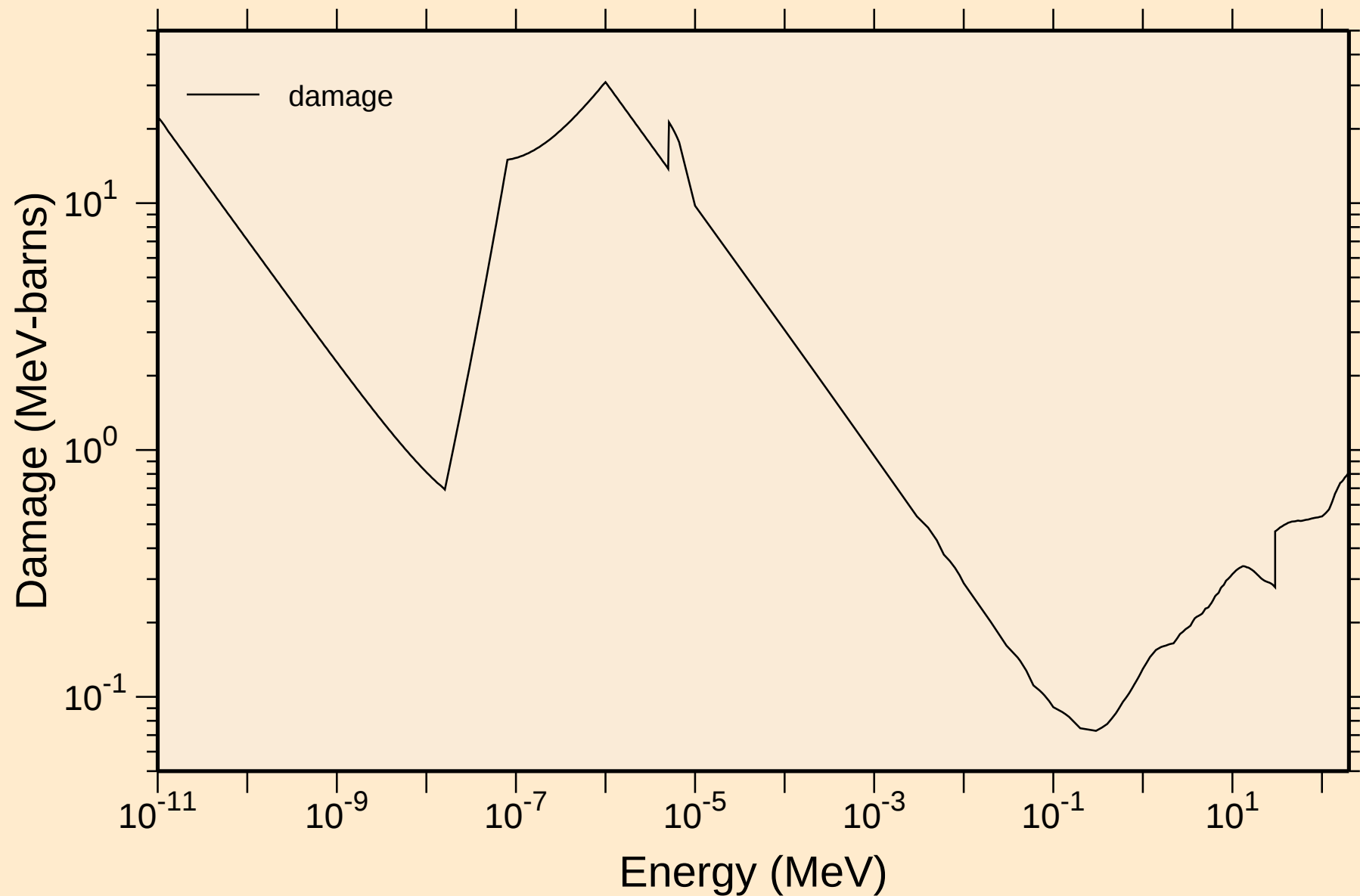
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

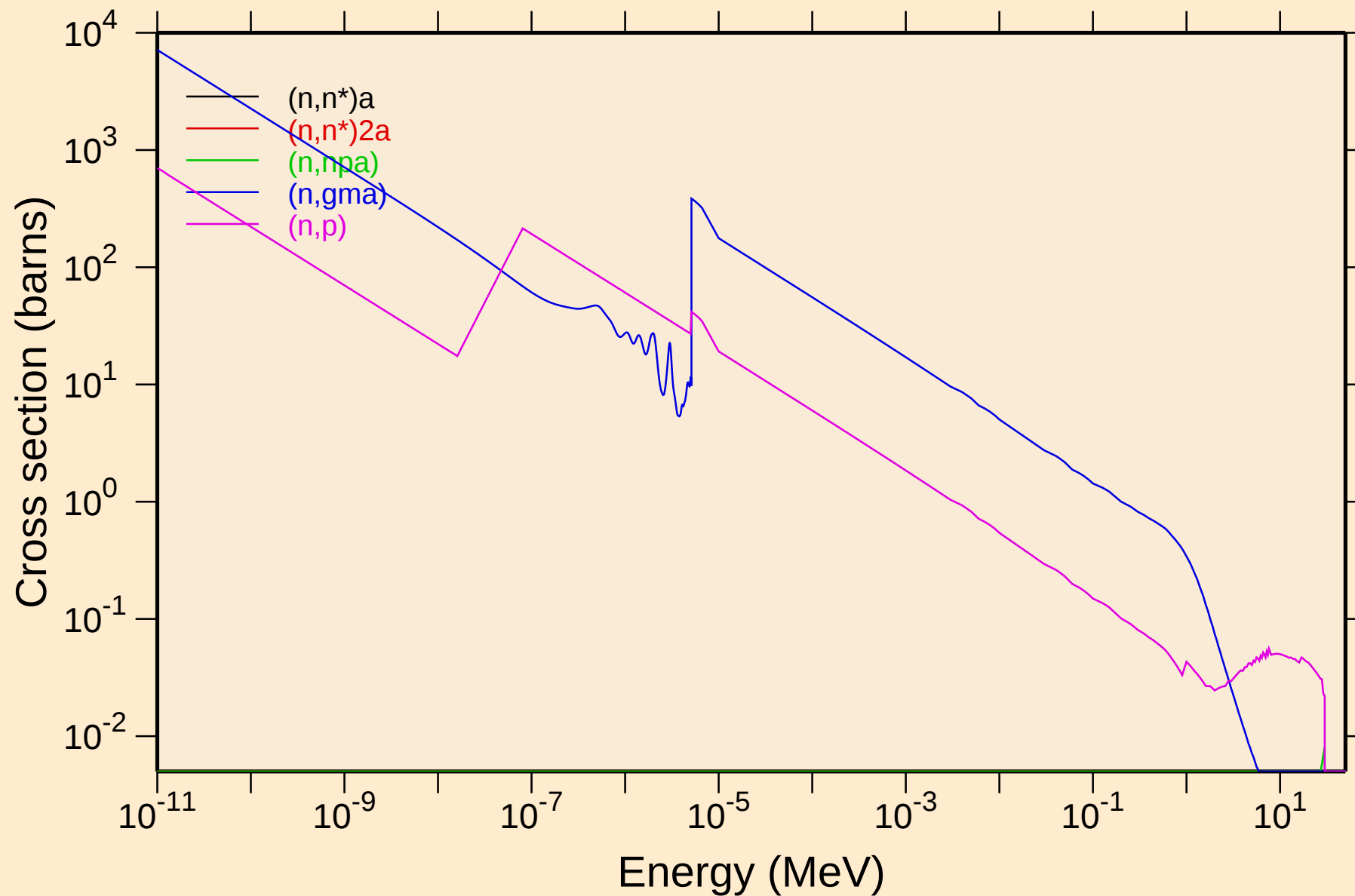


SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

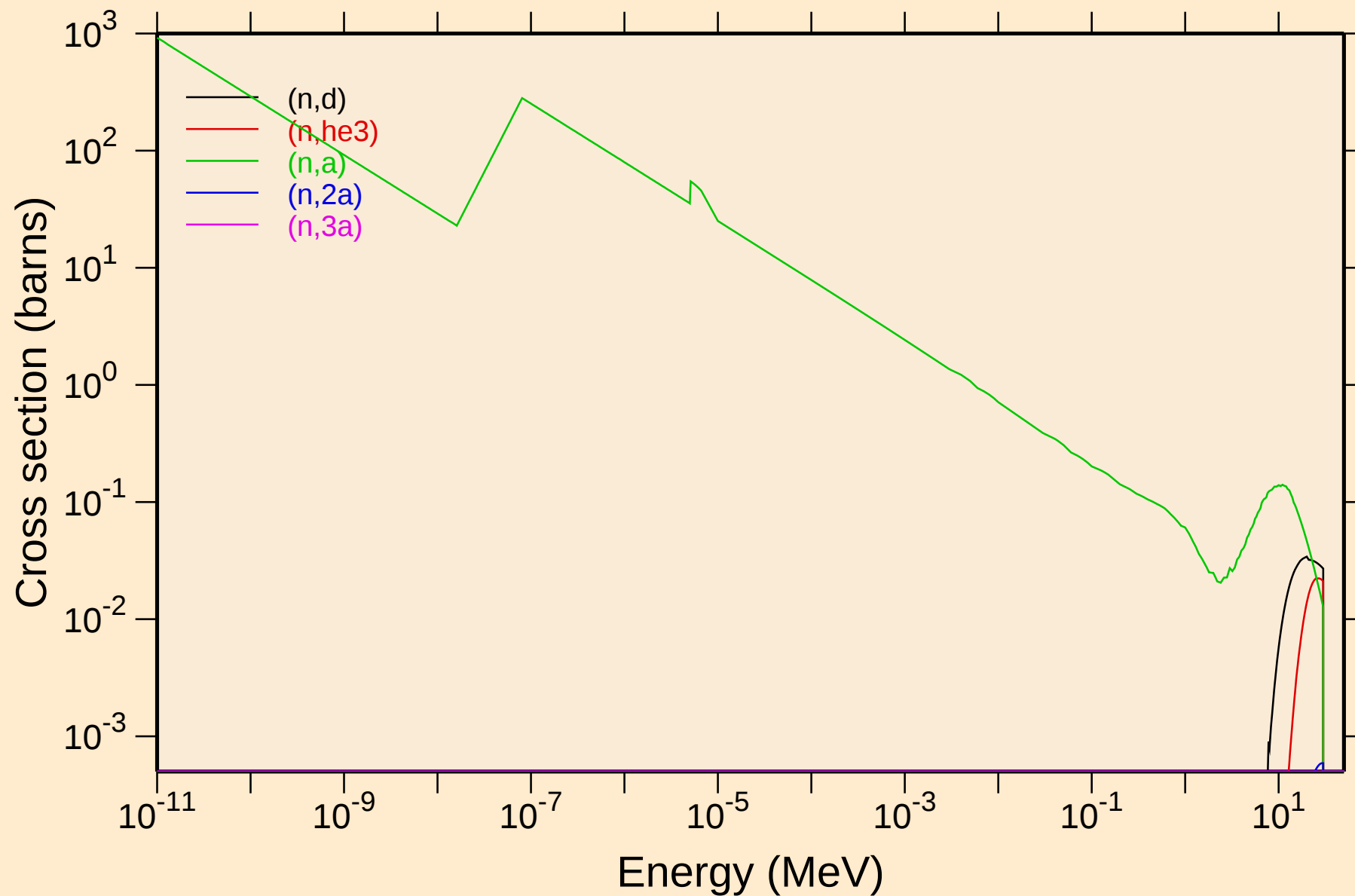
Damage



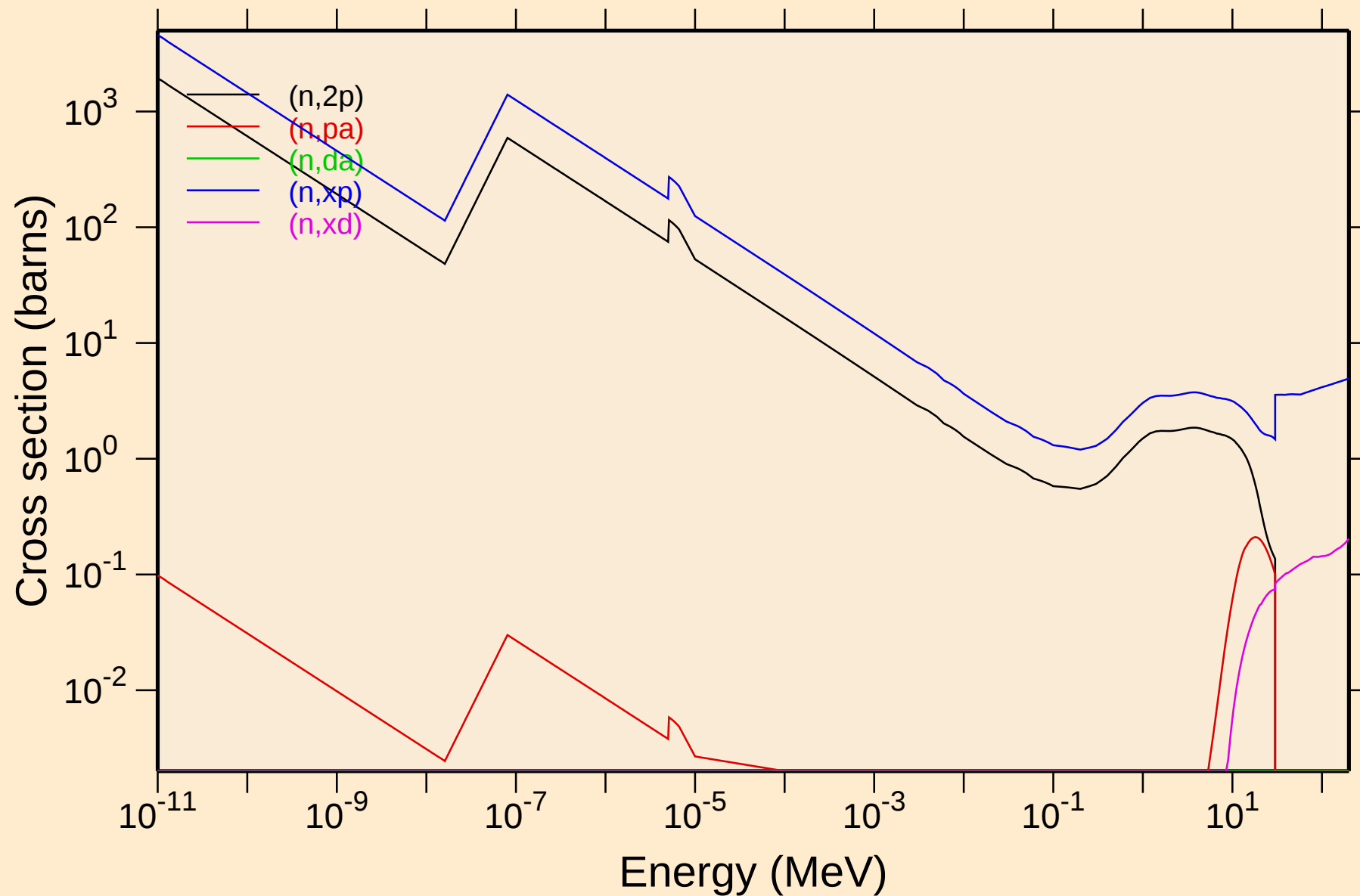
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



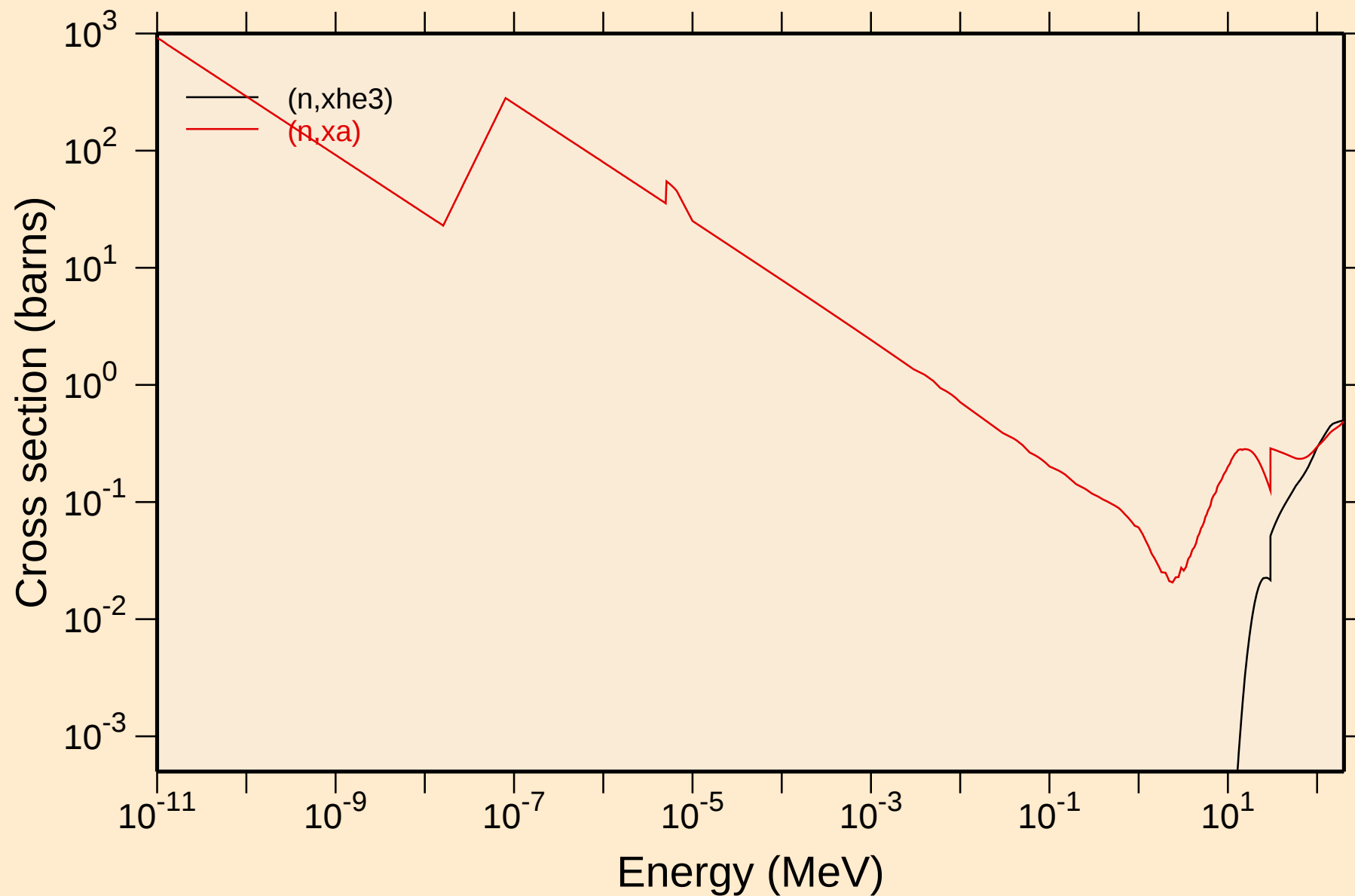
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions

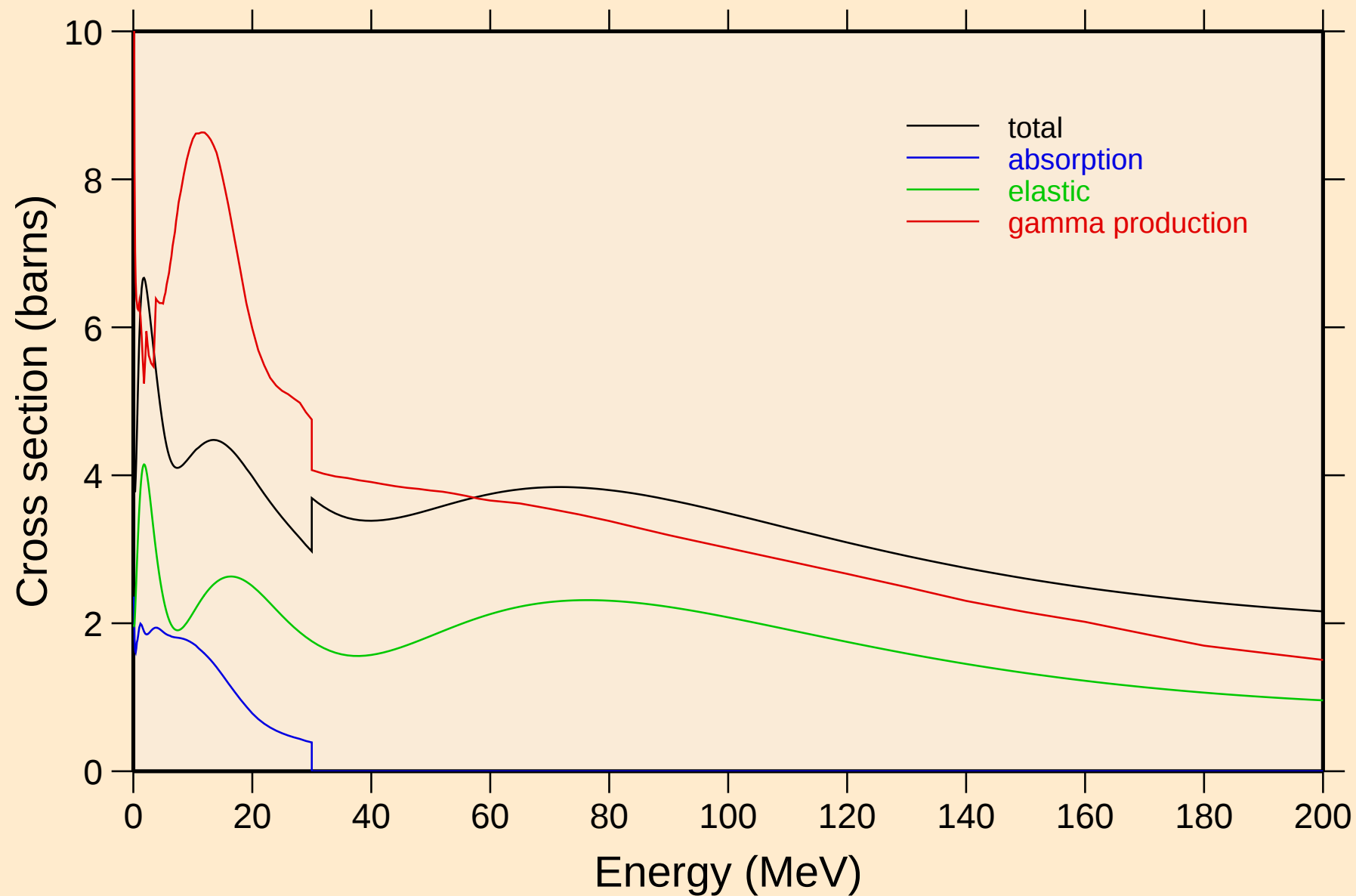


SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



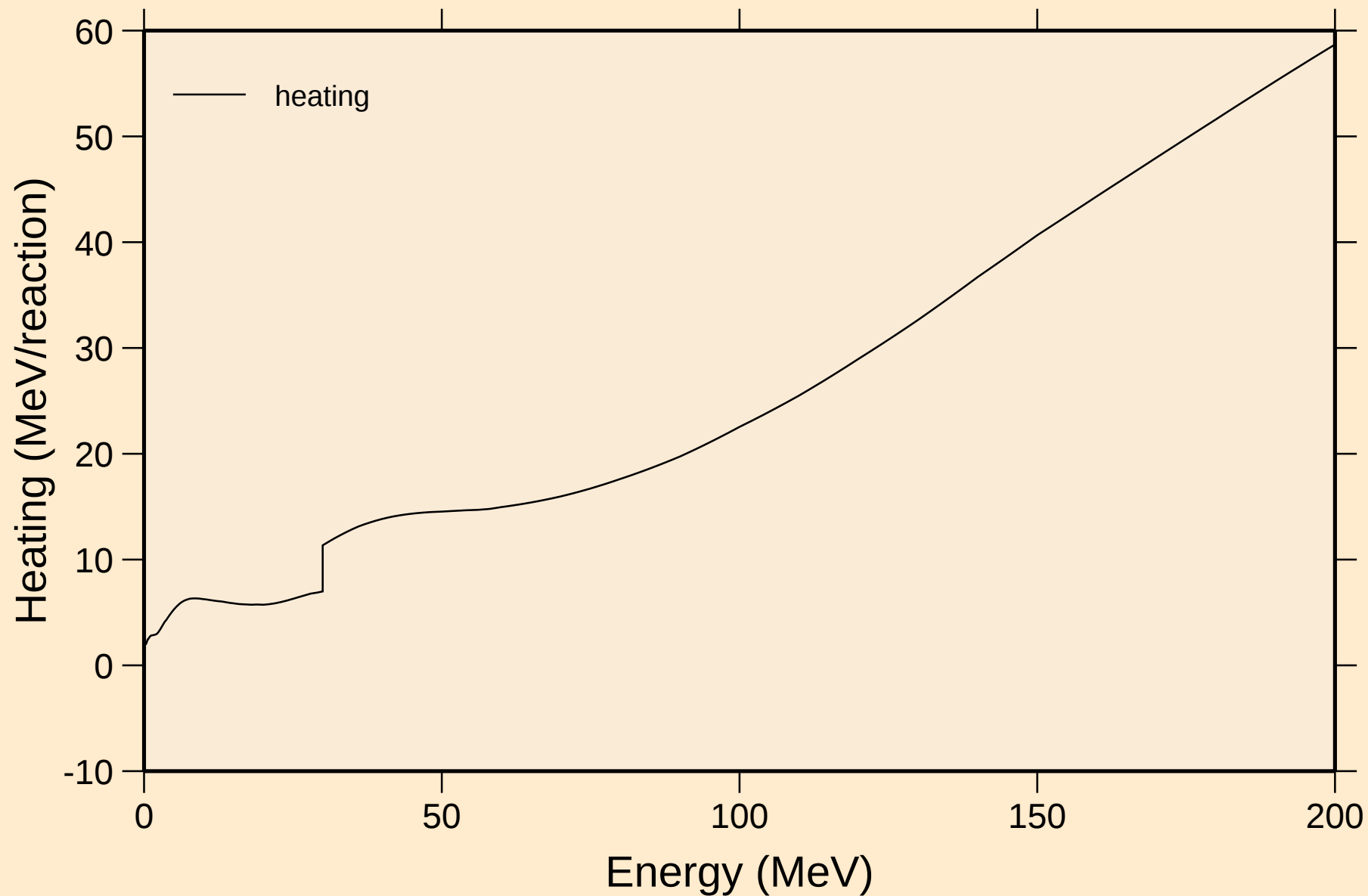
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Principal cross sections



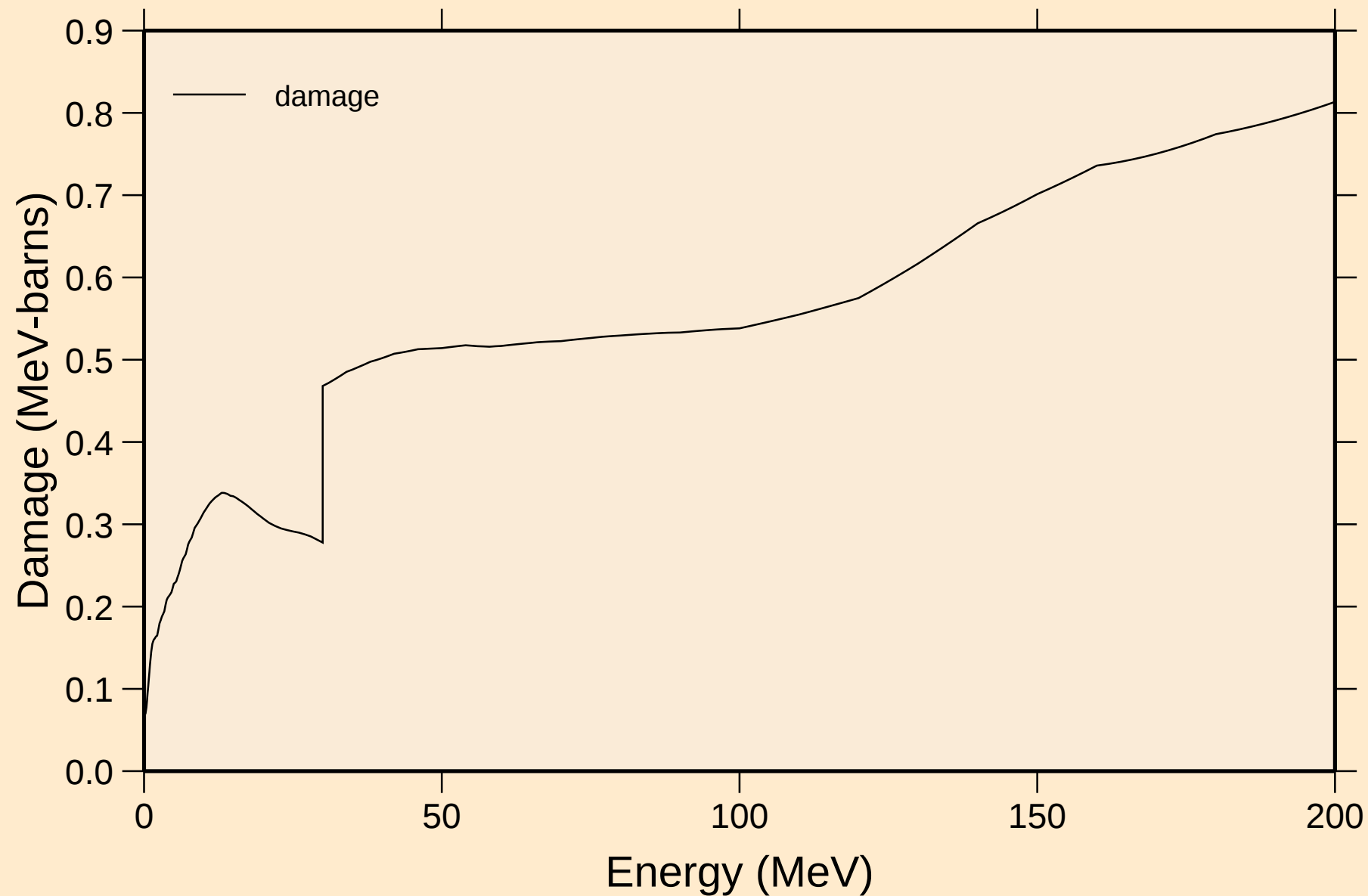
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Heating

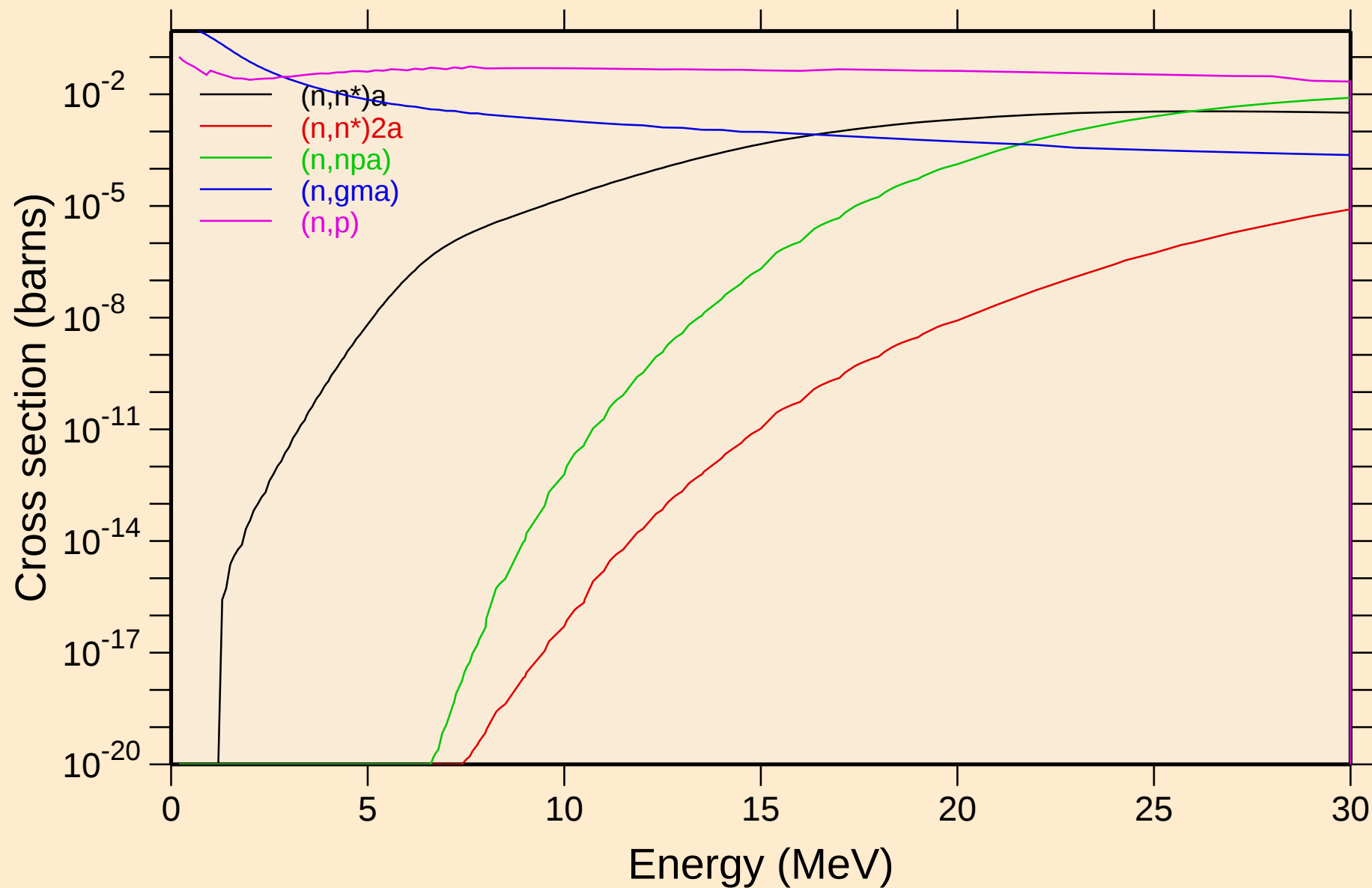


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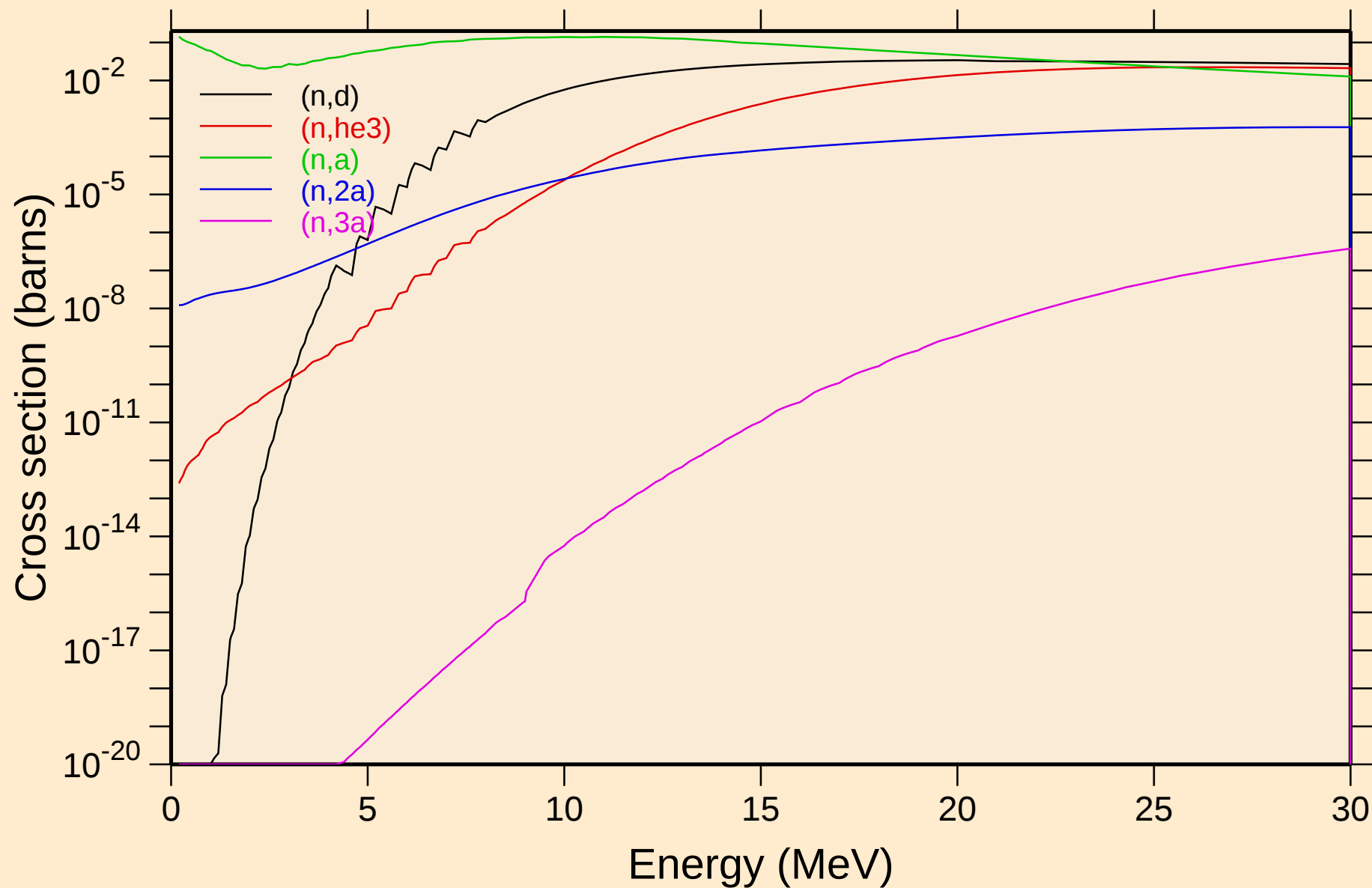
Damage



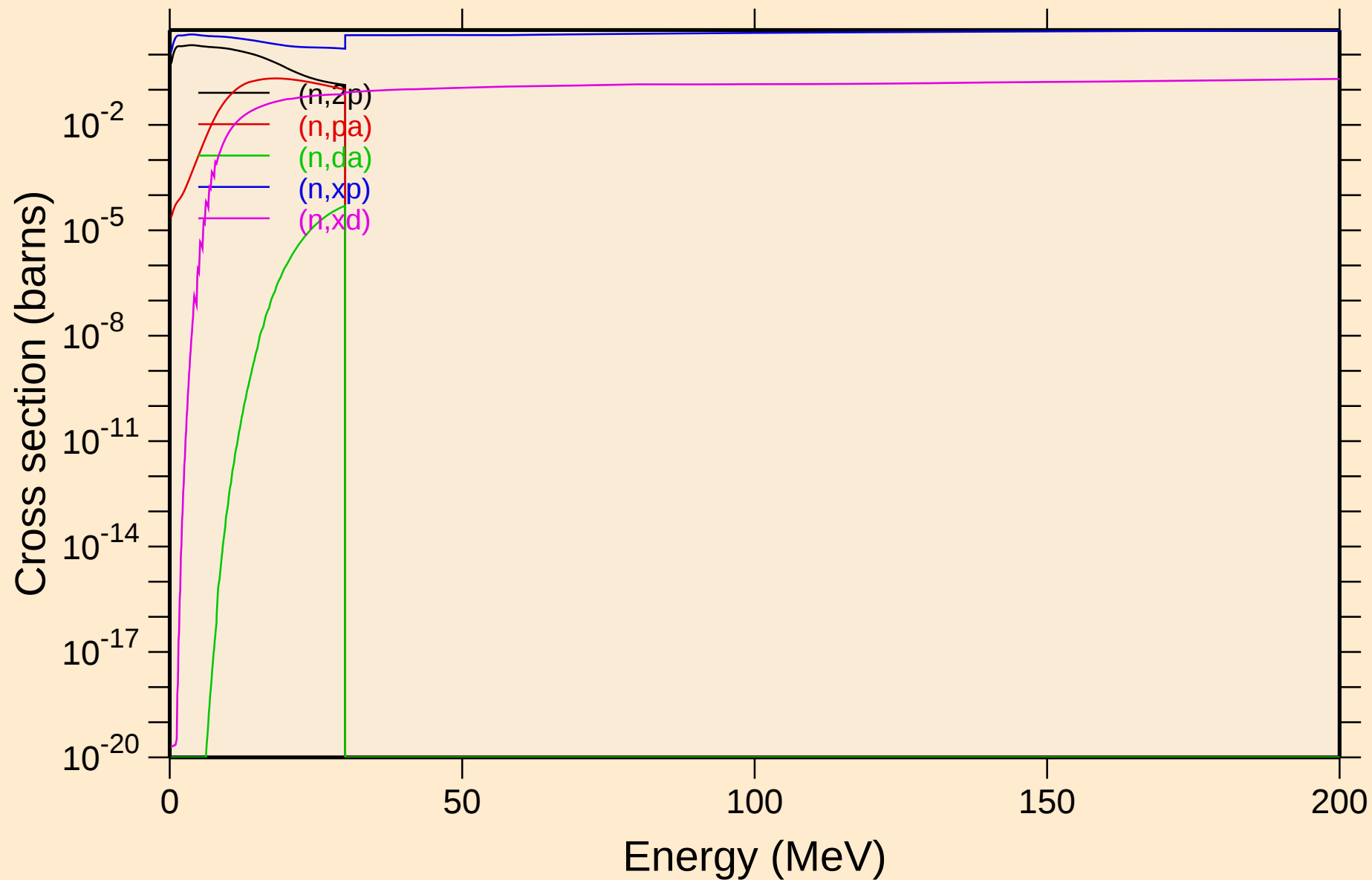
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



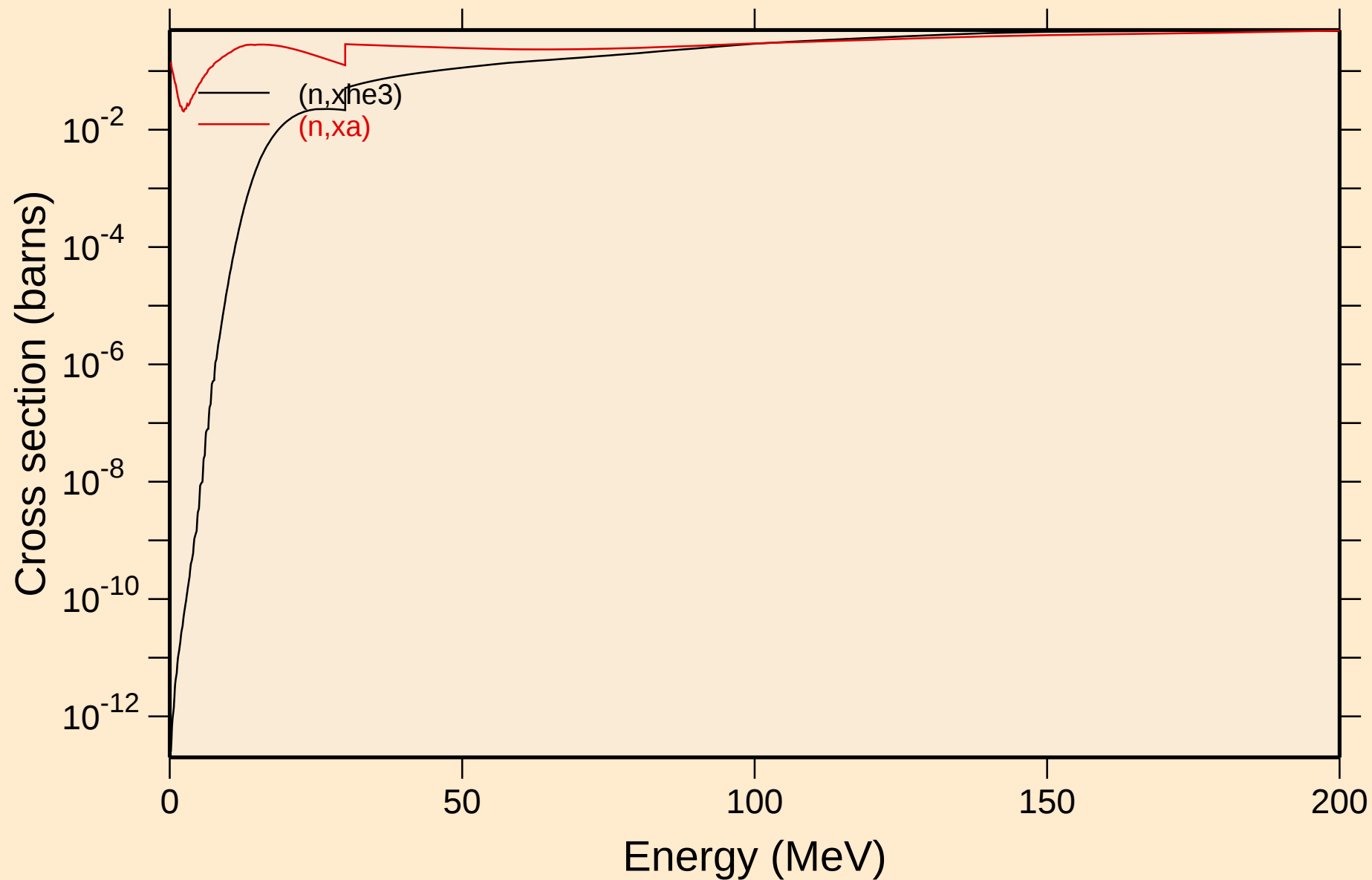
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



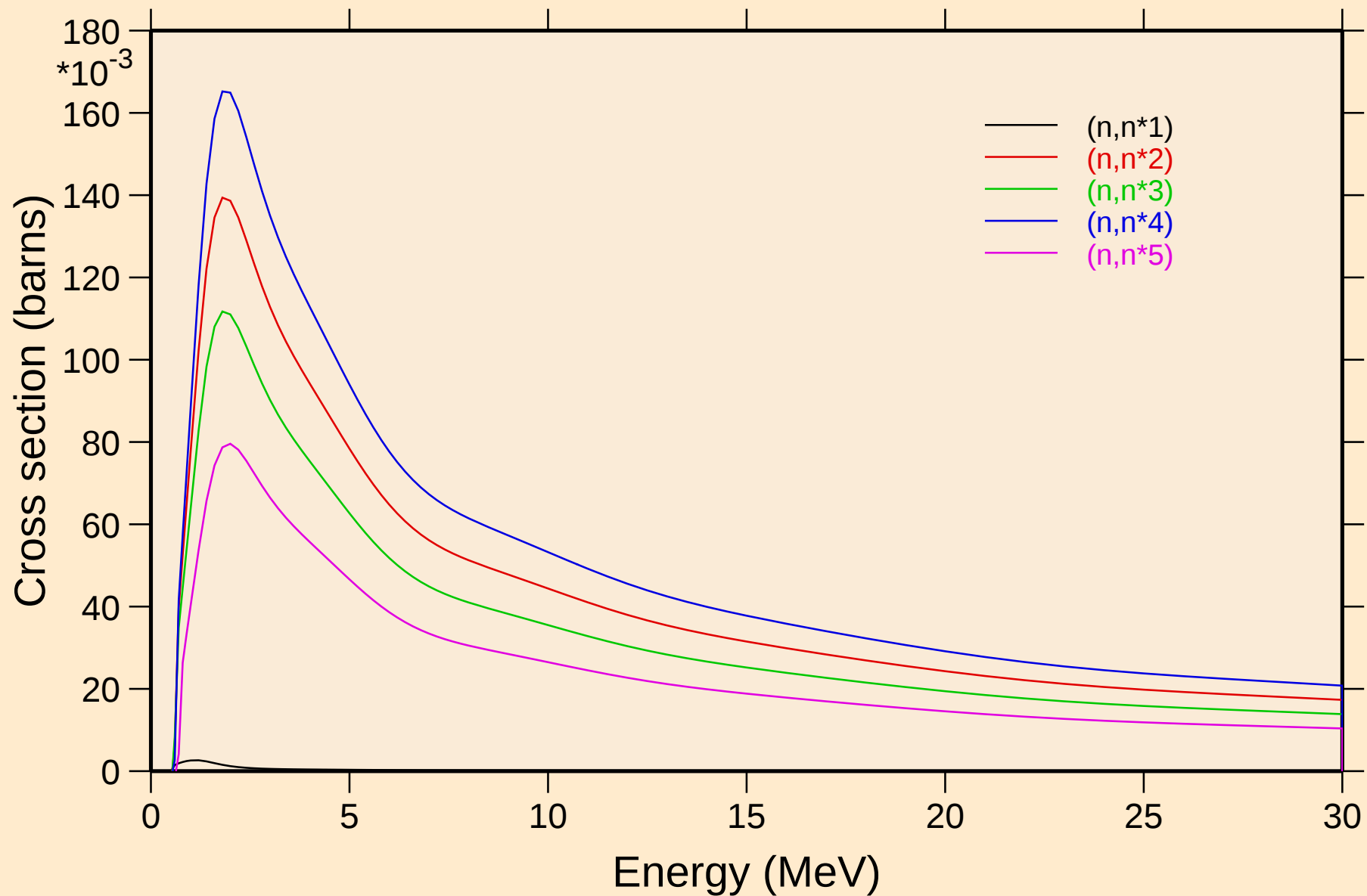
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions

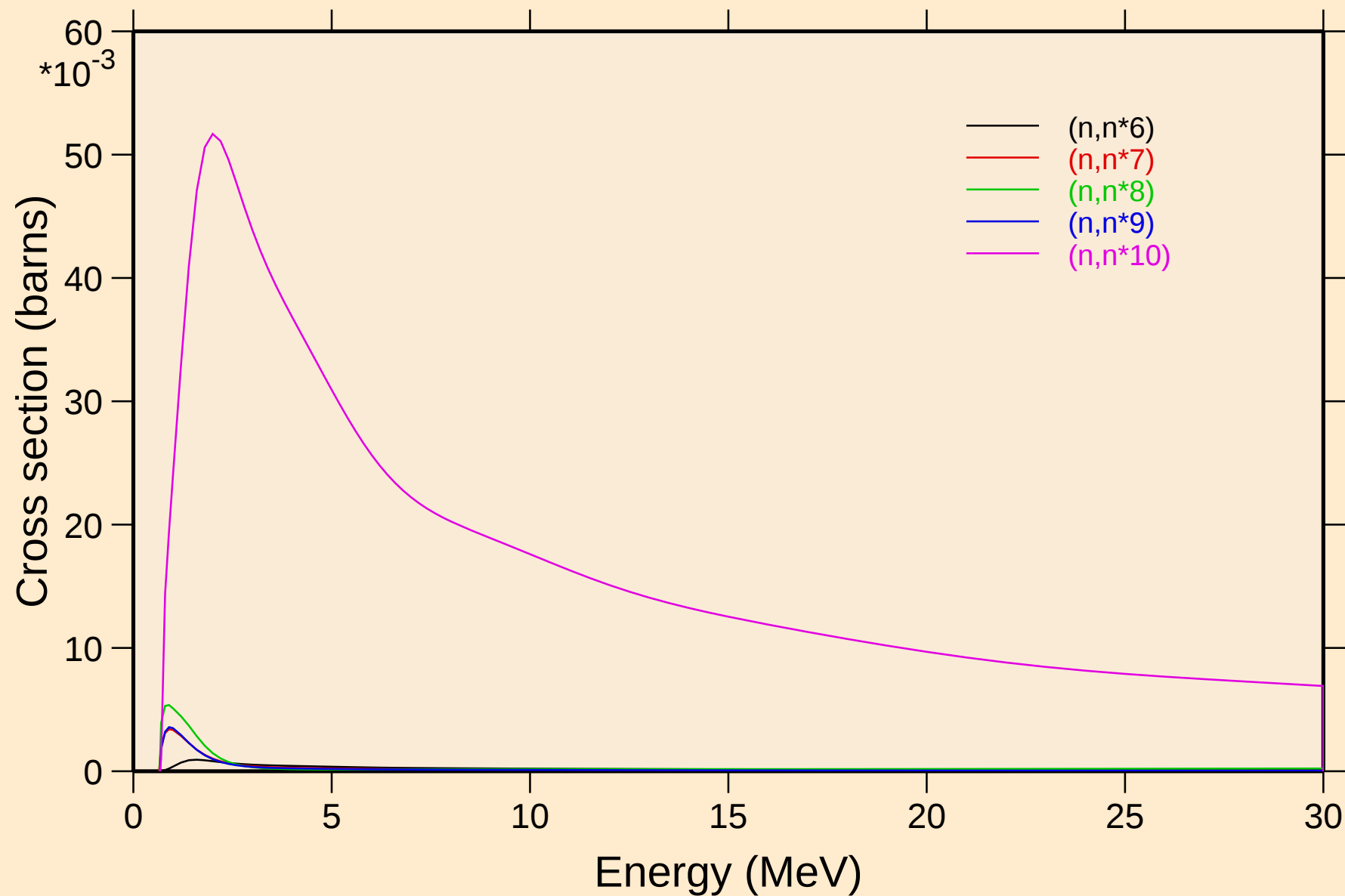


SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



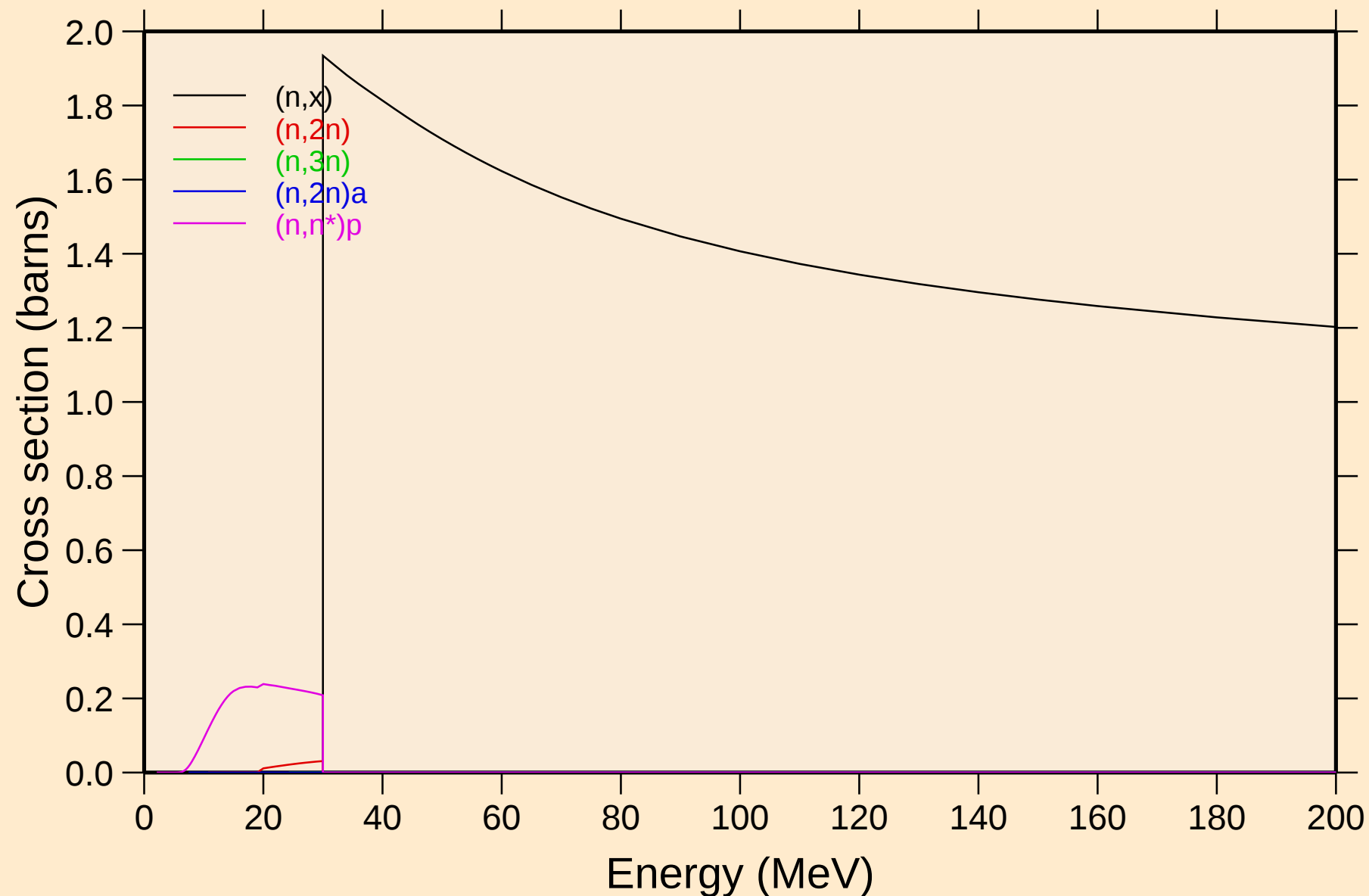
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



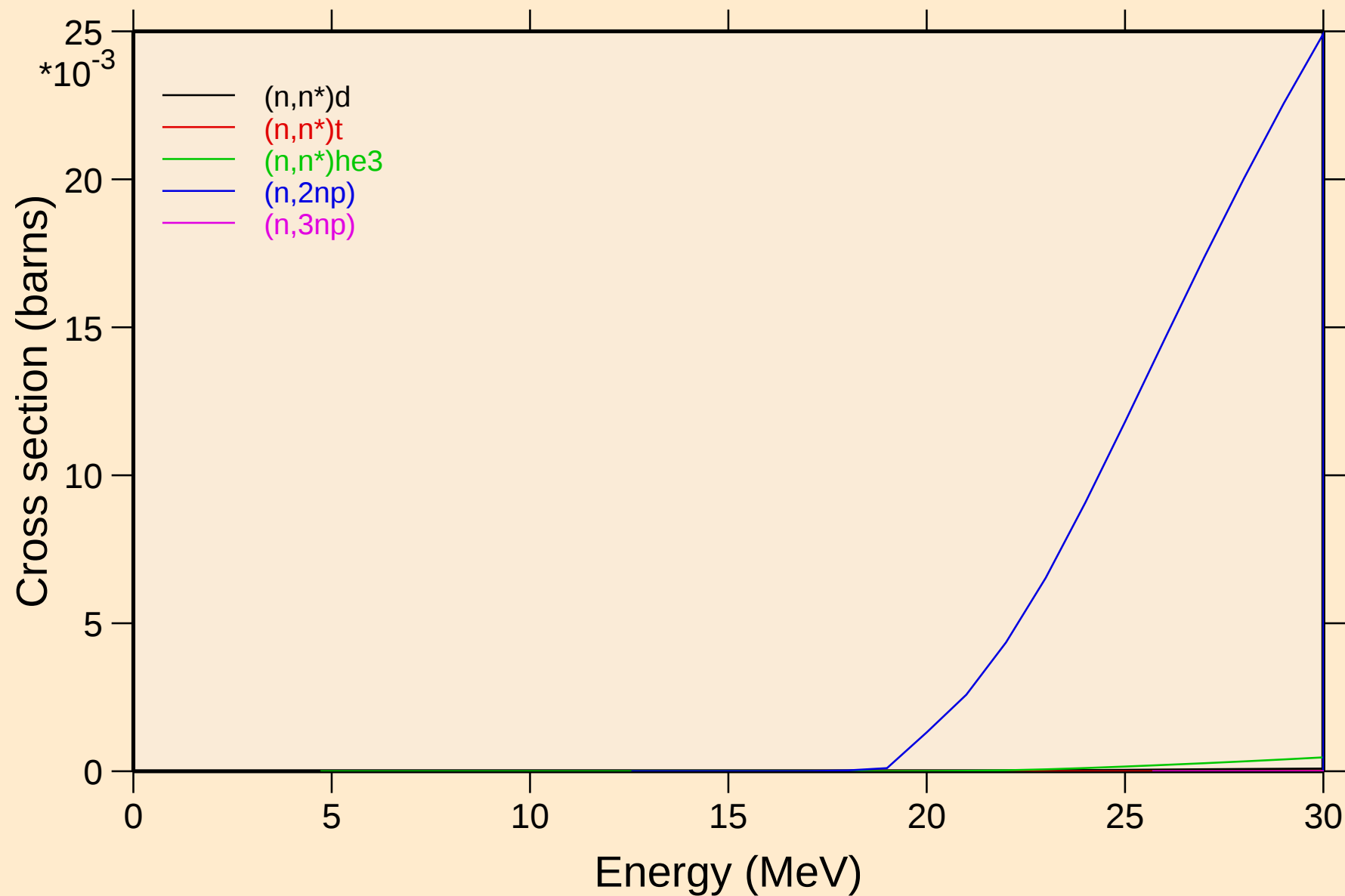
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



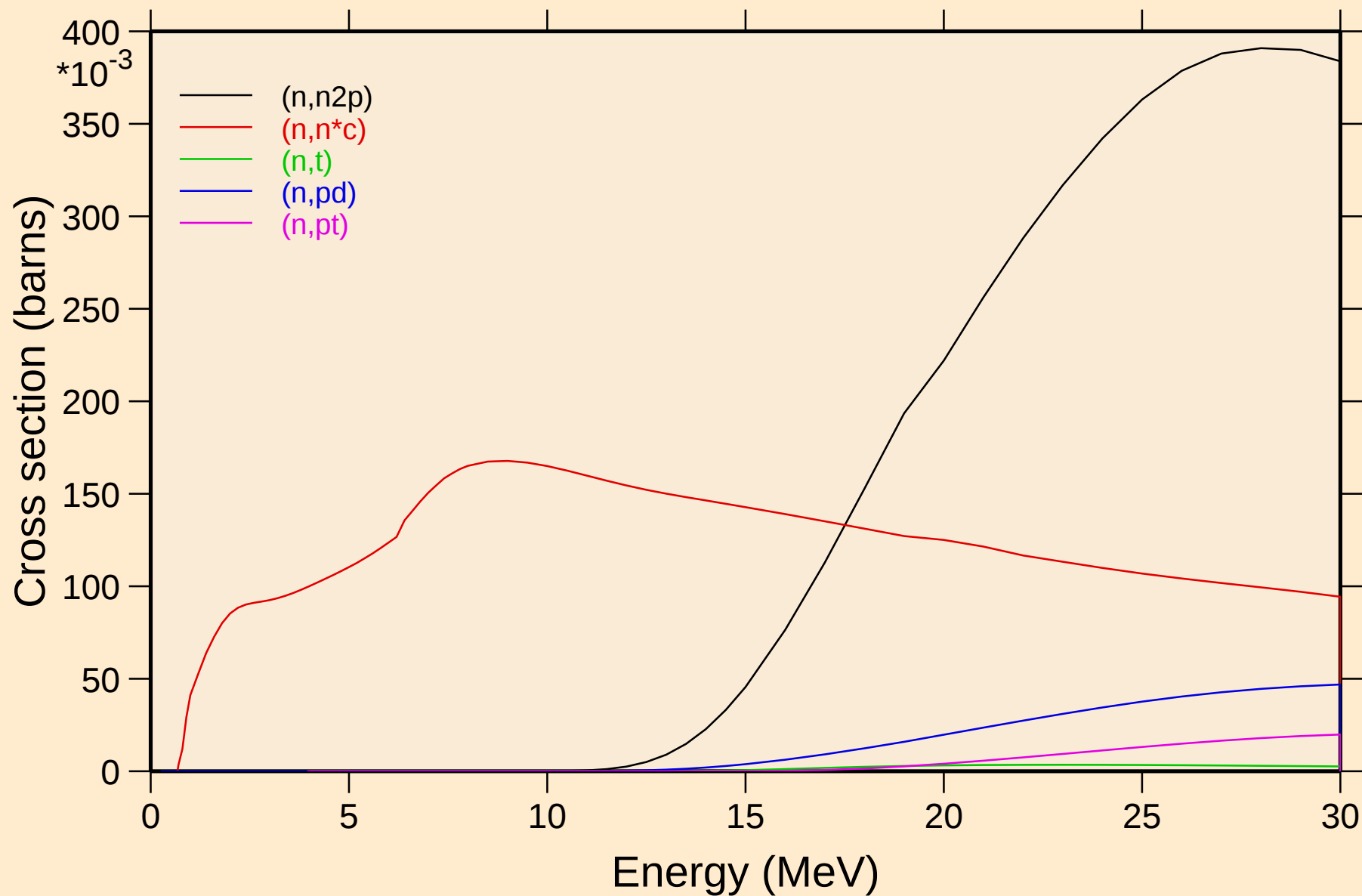
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



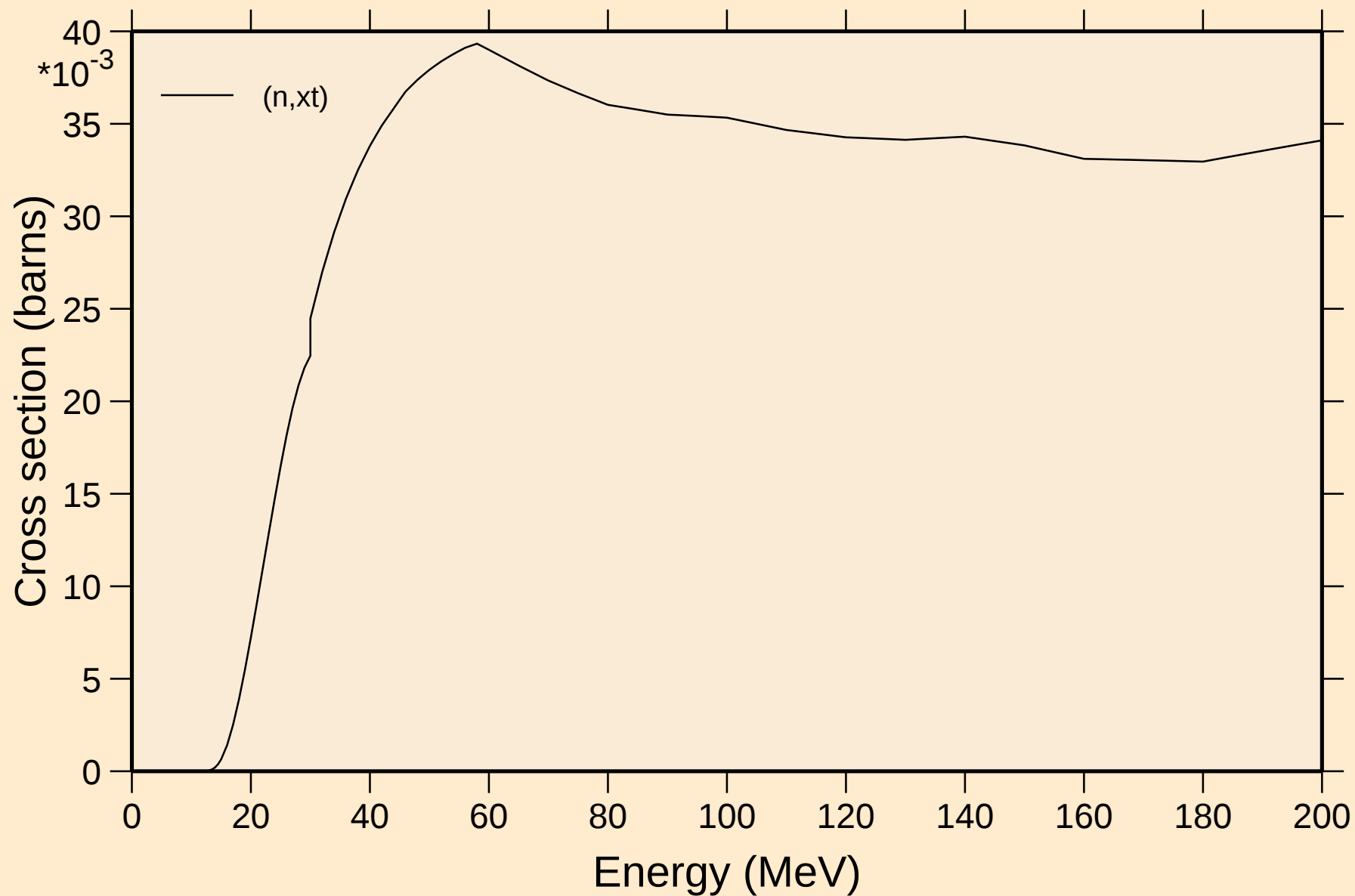
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

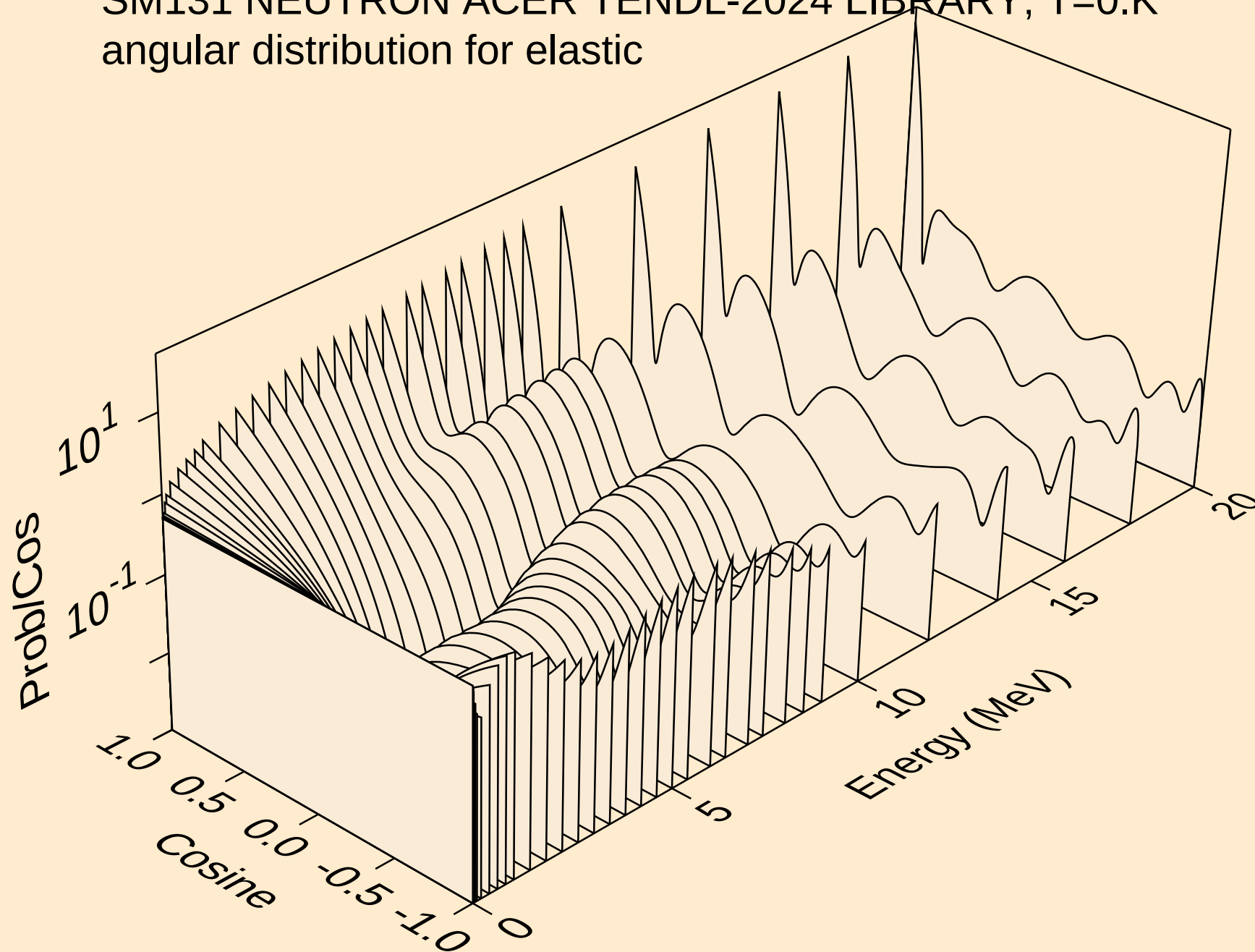


SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

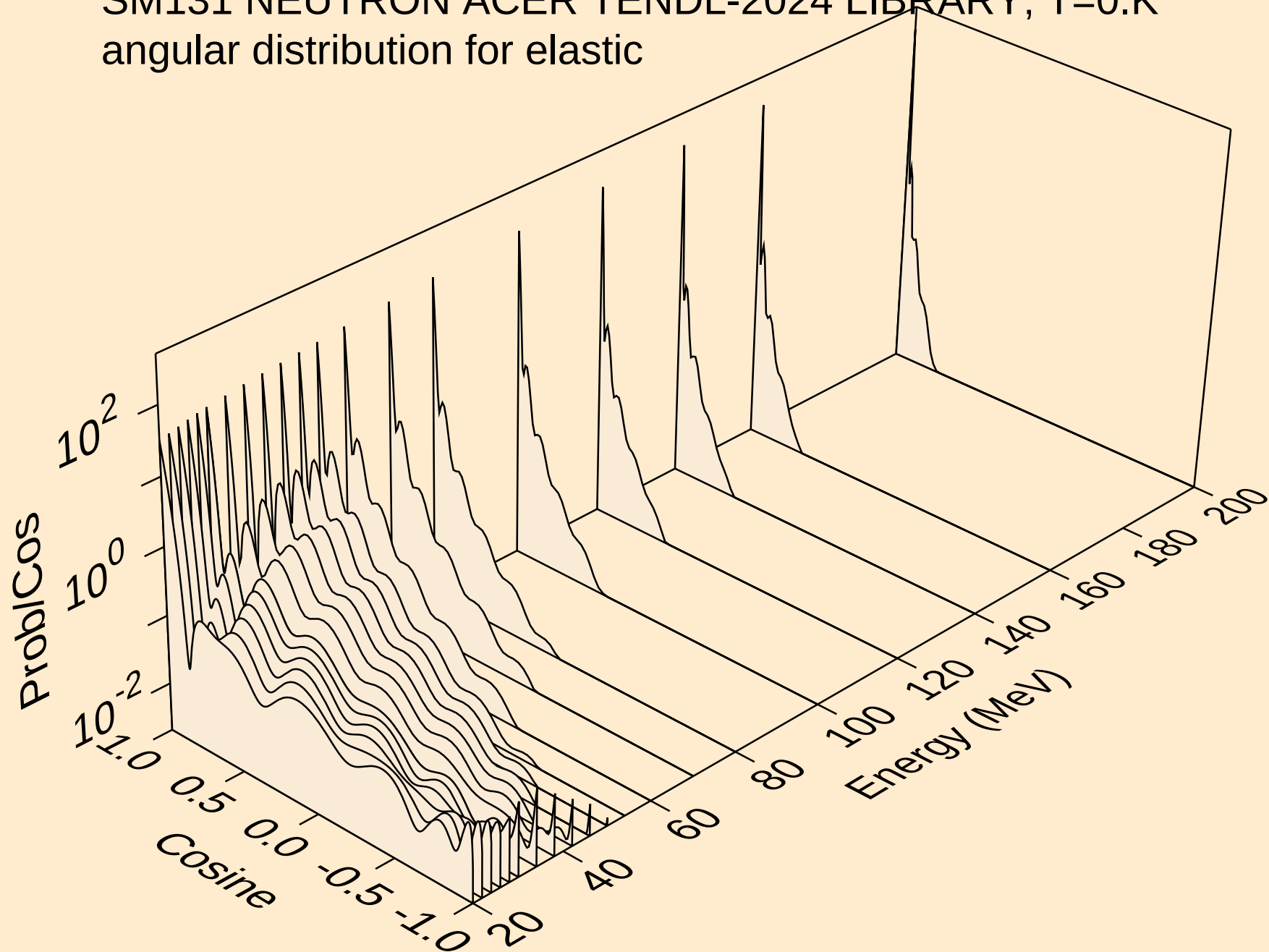
Threshold reactions



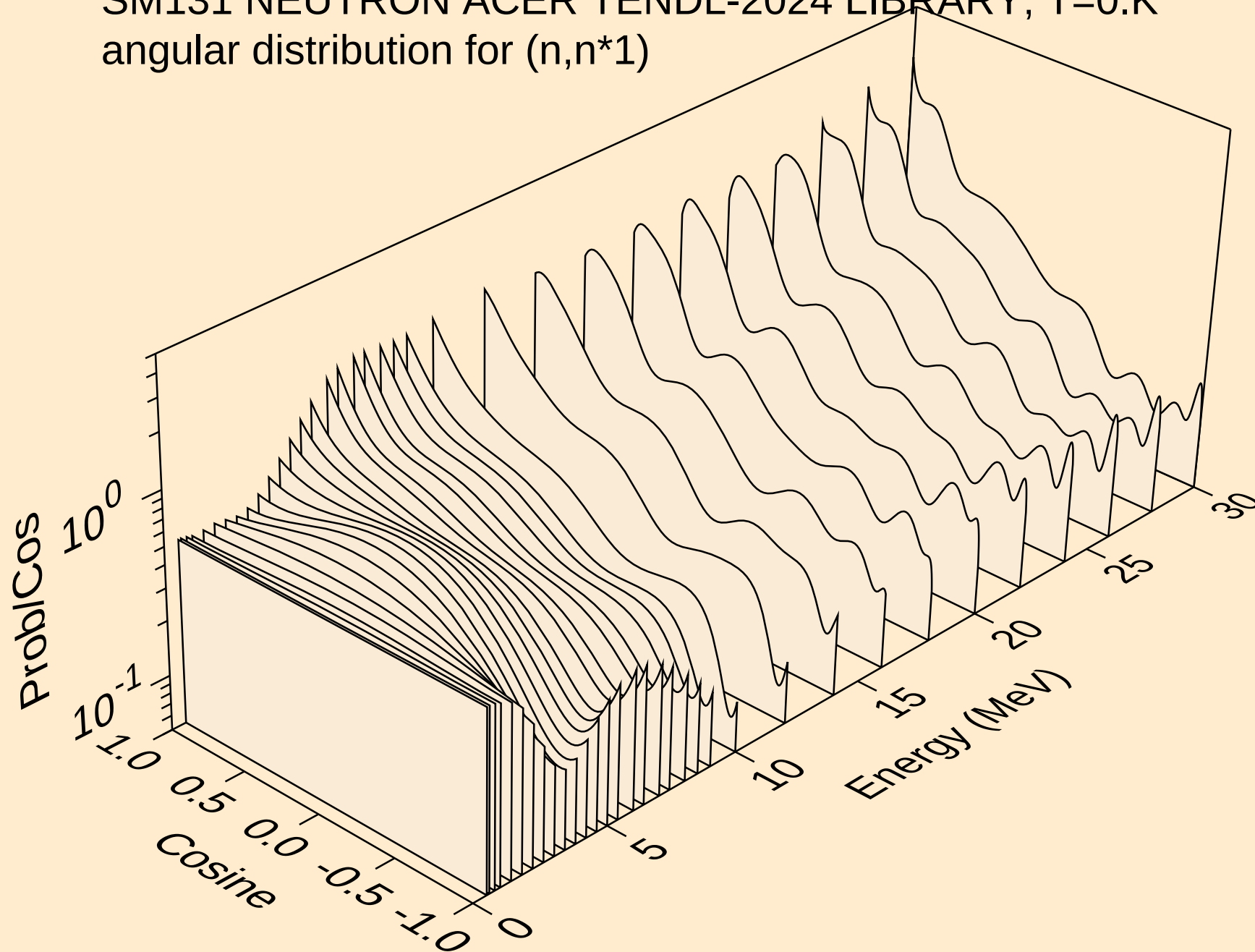
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



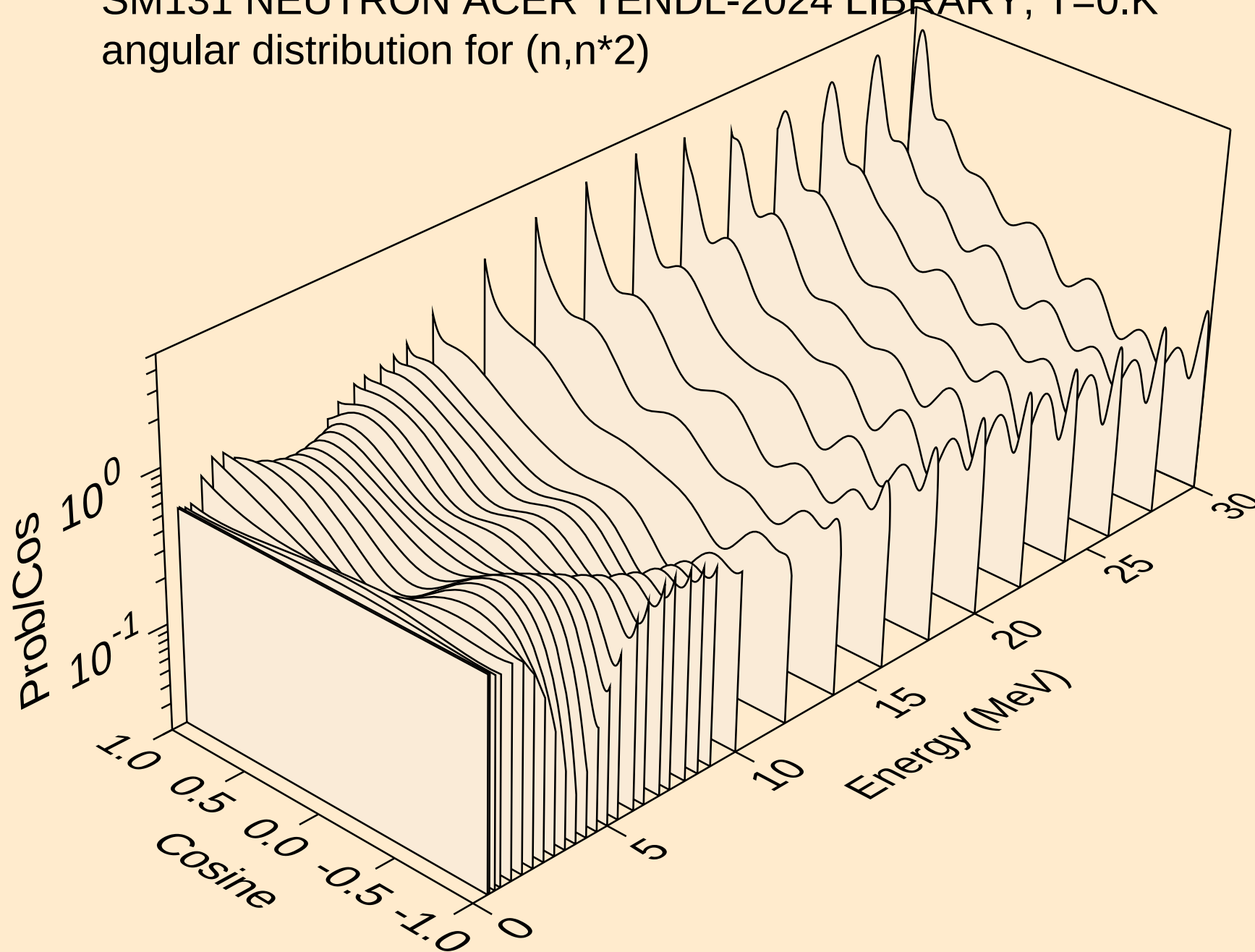
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angular distribution for elastic



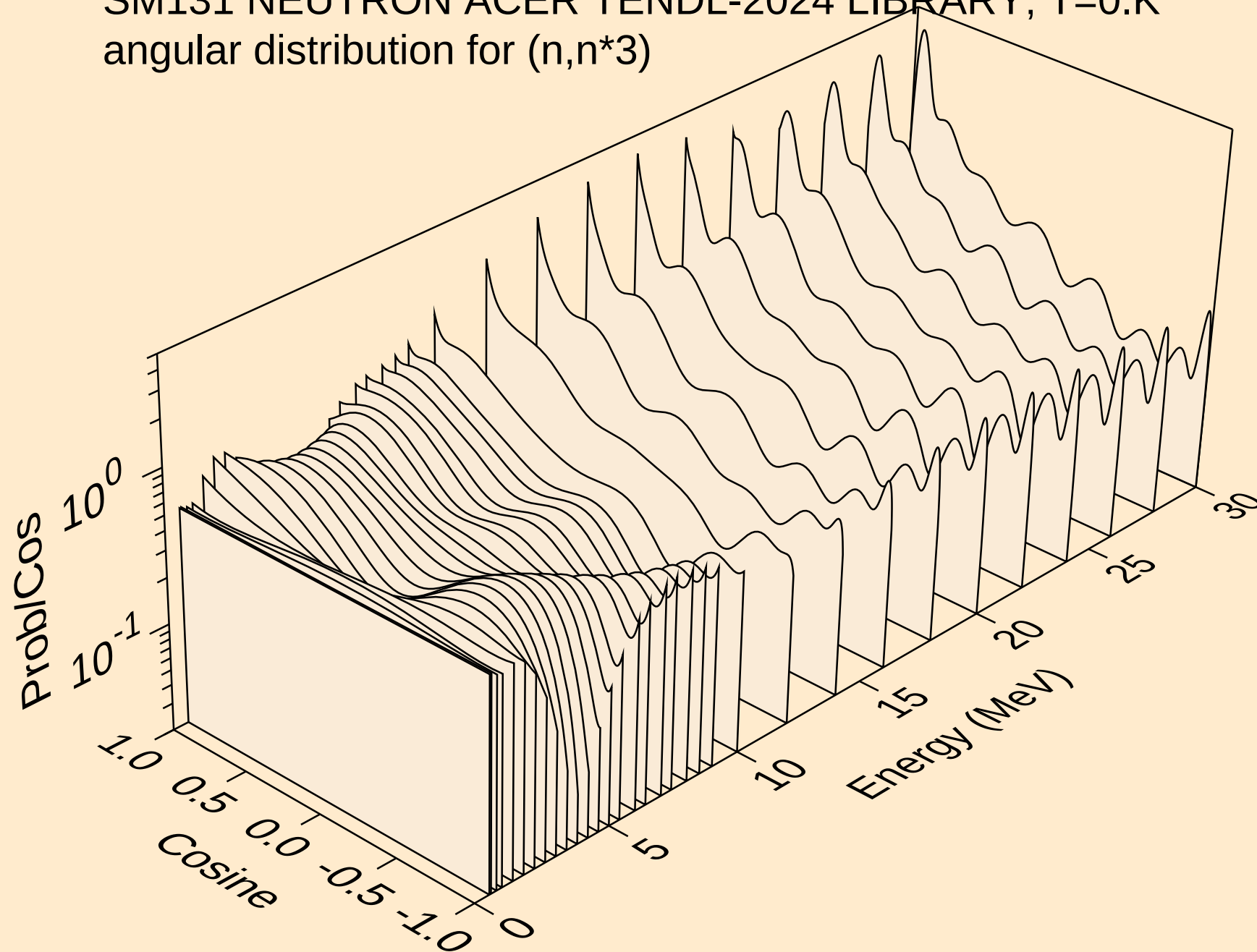
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*1)



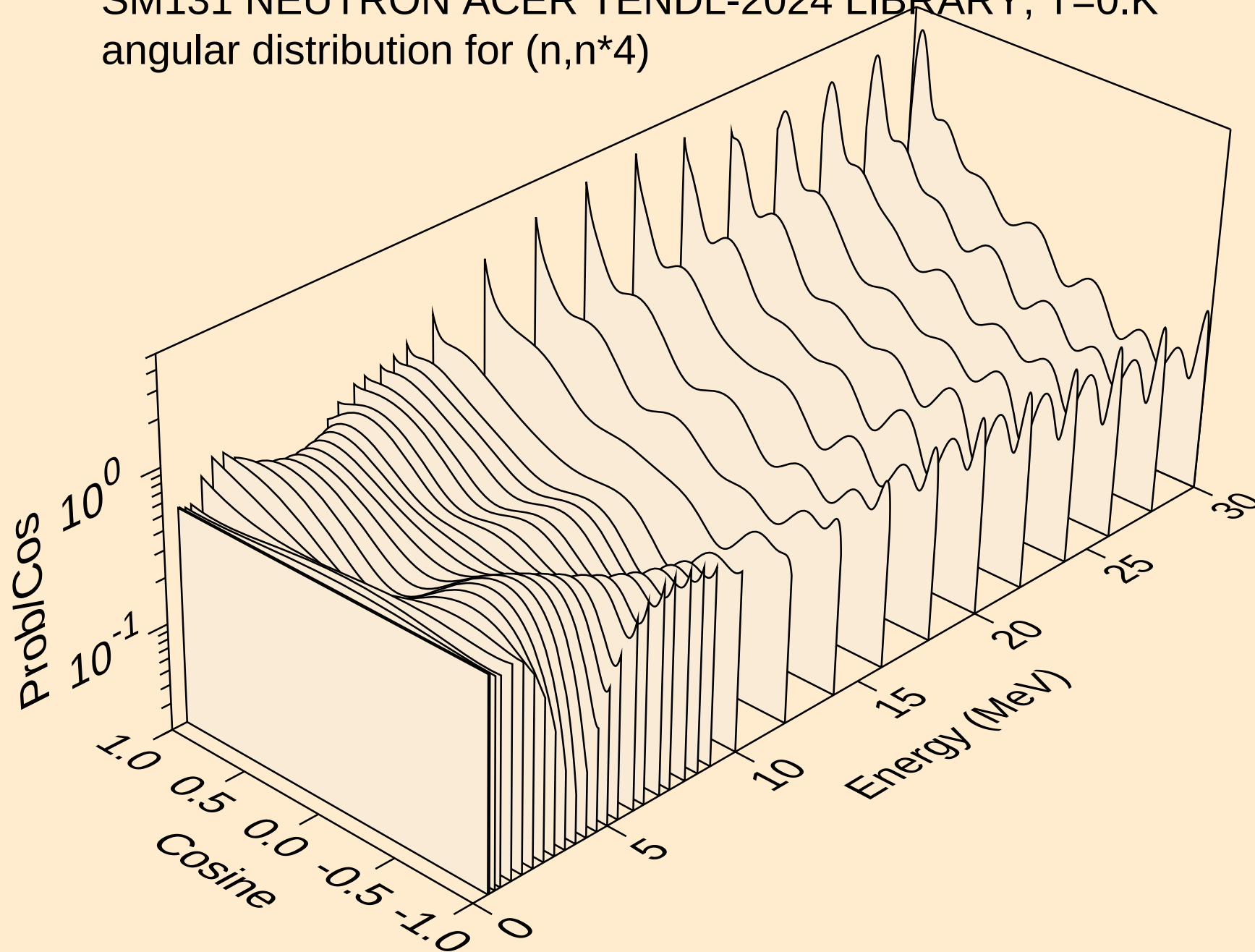
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*2)



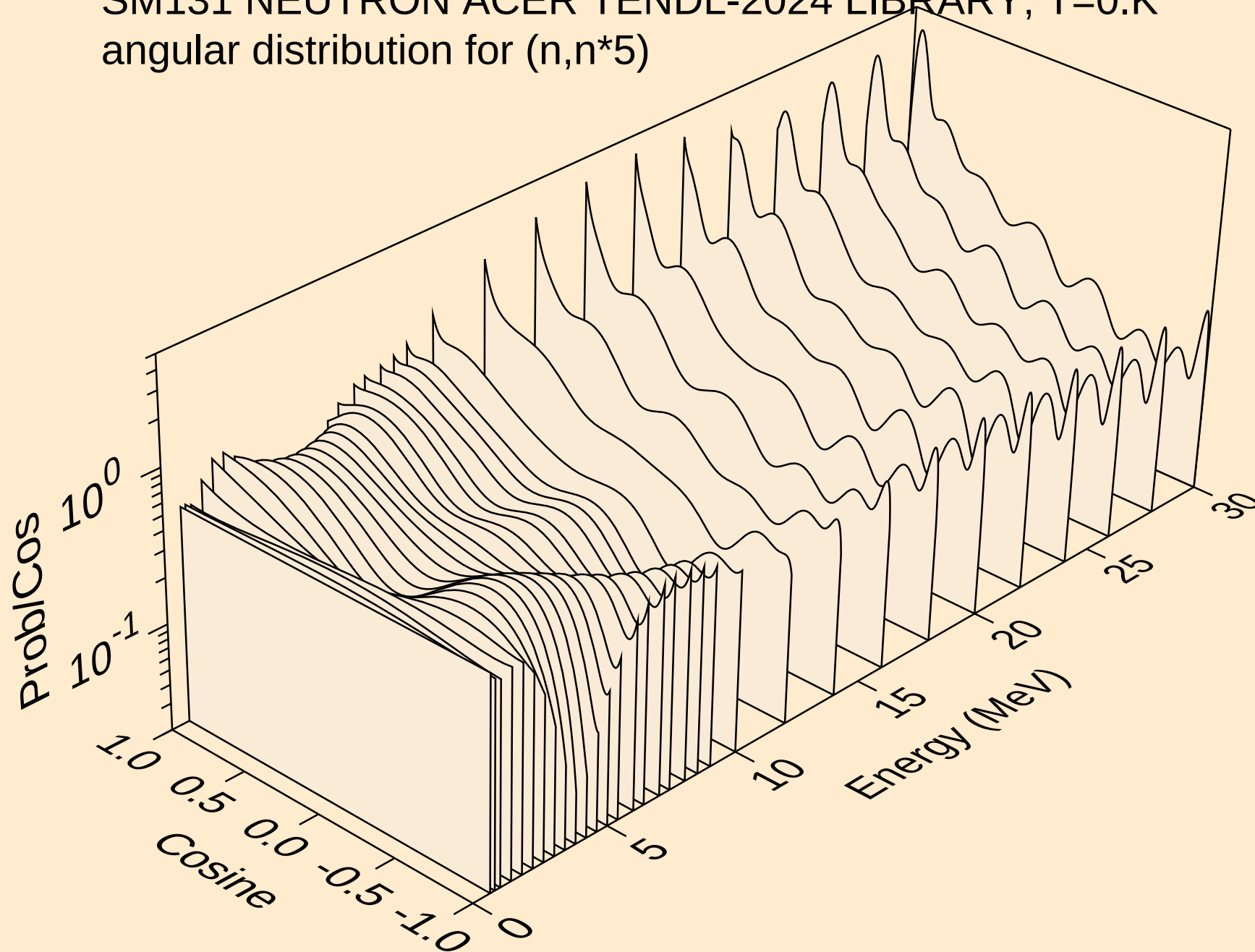
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*3)



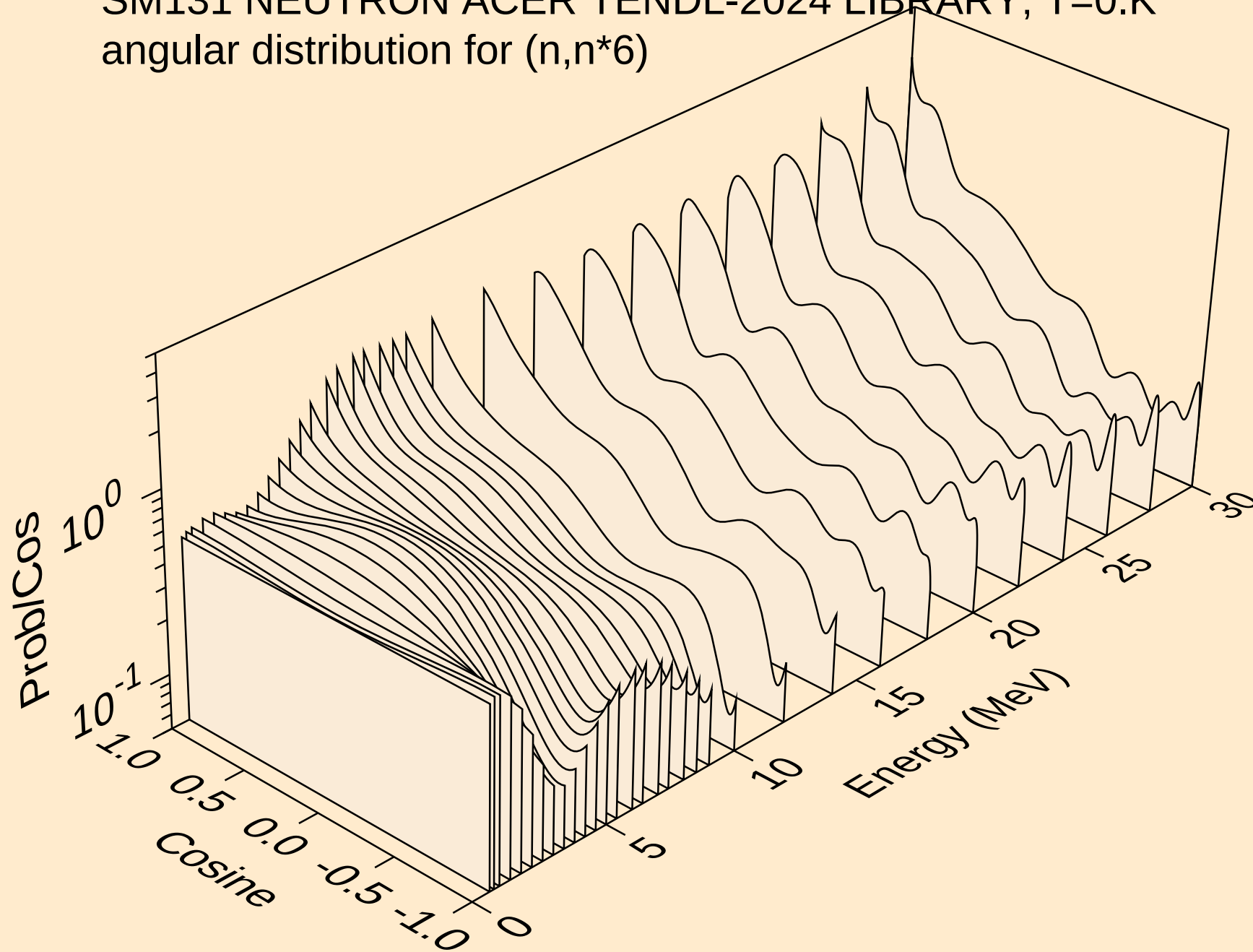
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*4)



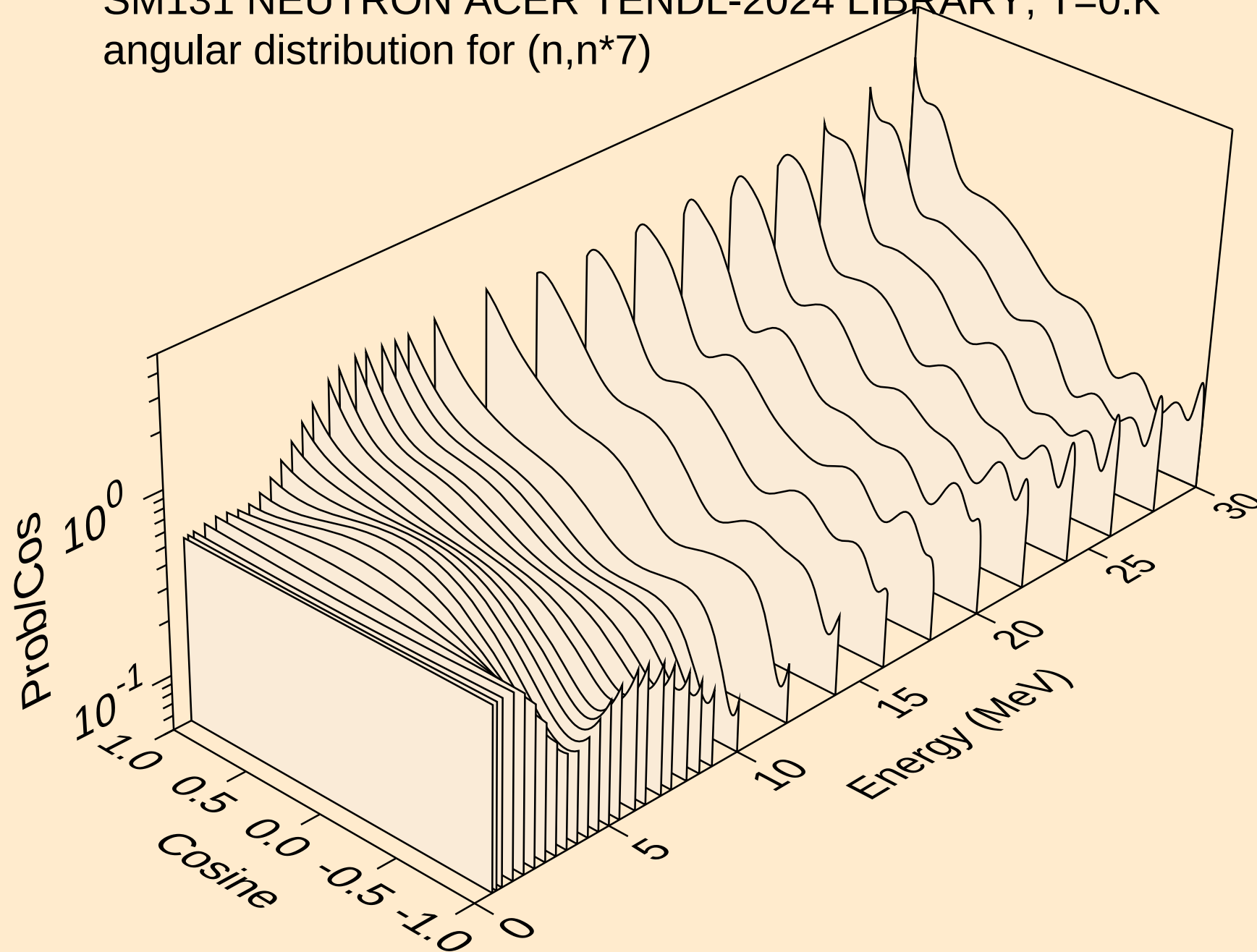
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*5)



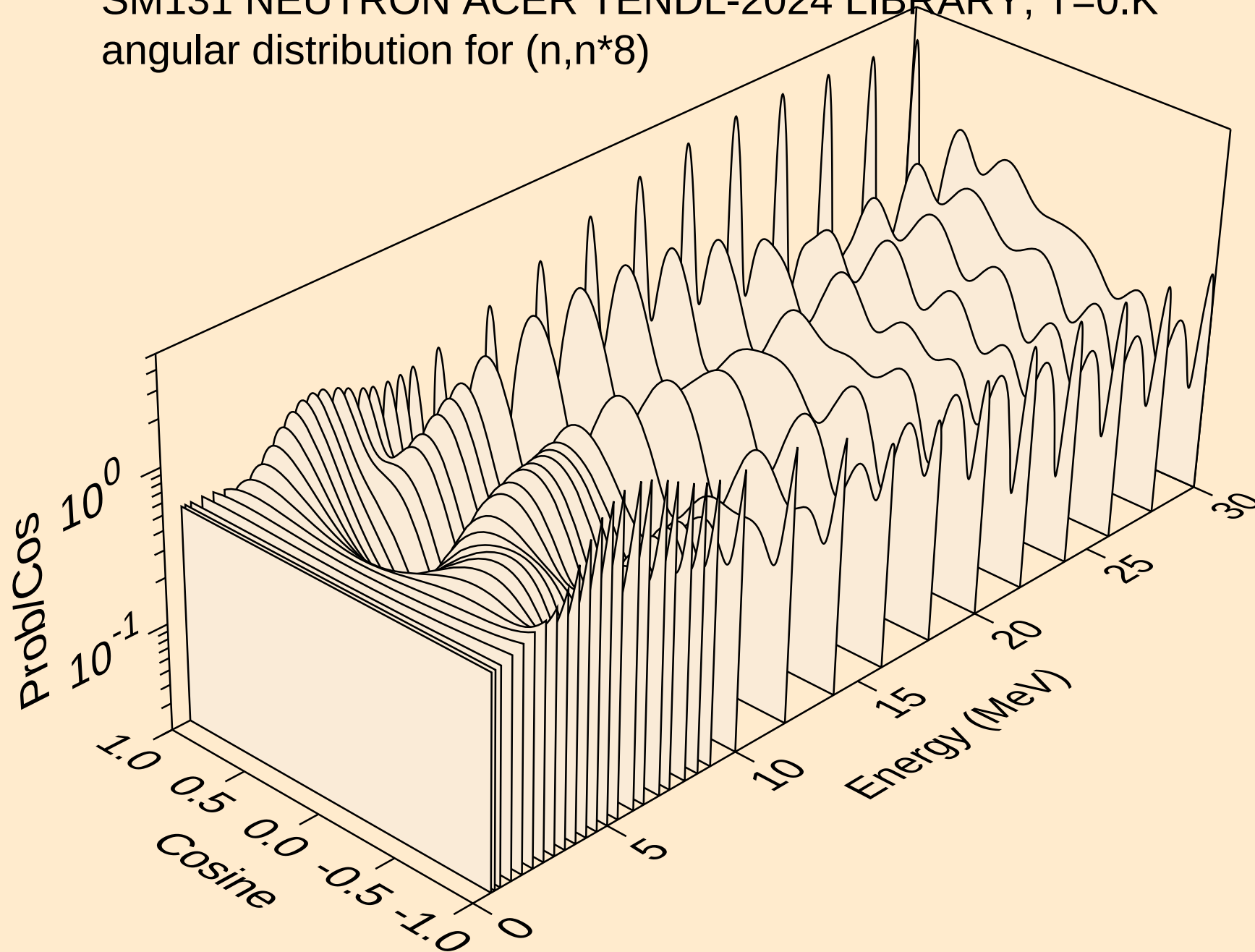
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angular distribution for (n,n*6)



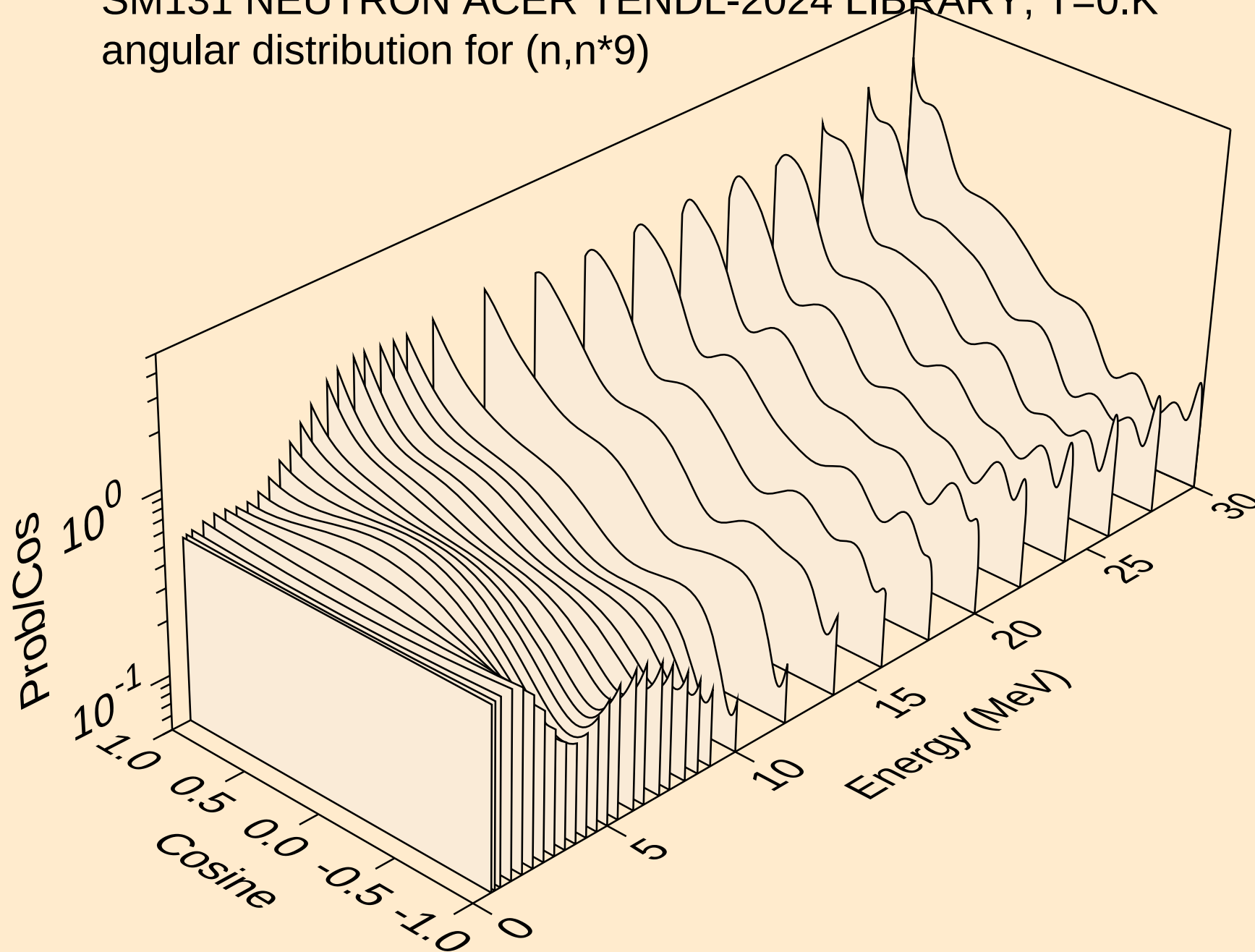
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*7)



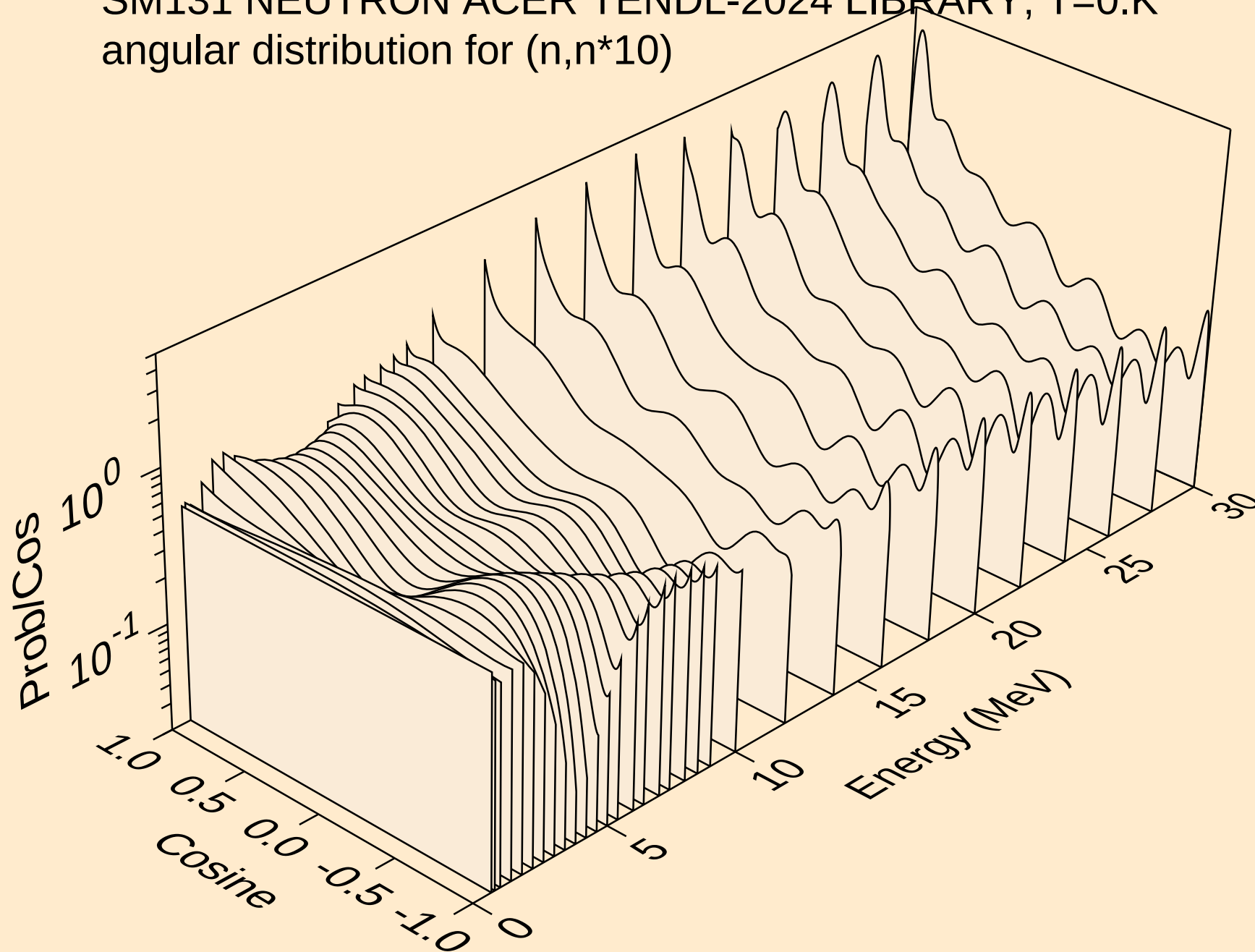
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*8)



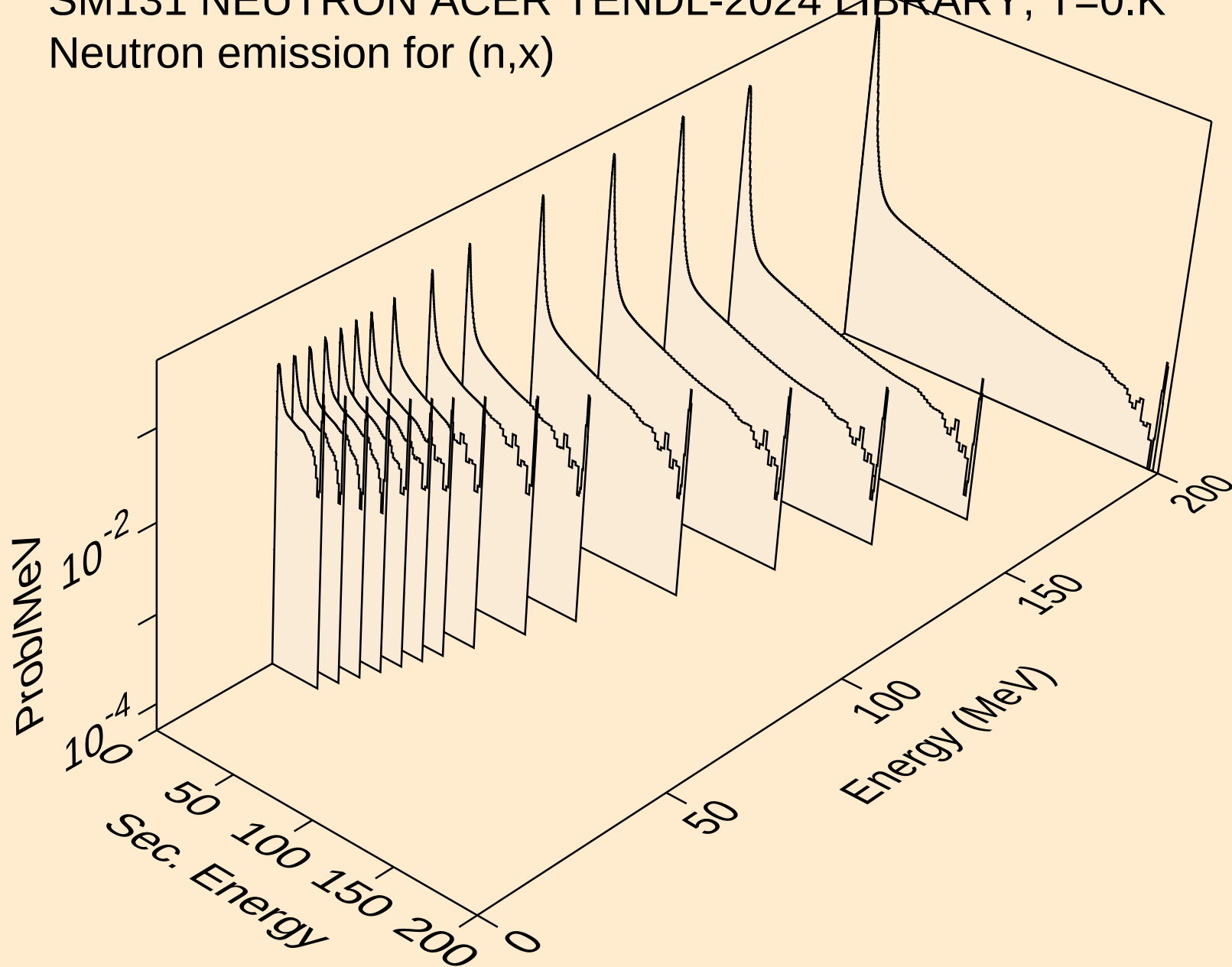
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*9)



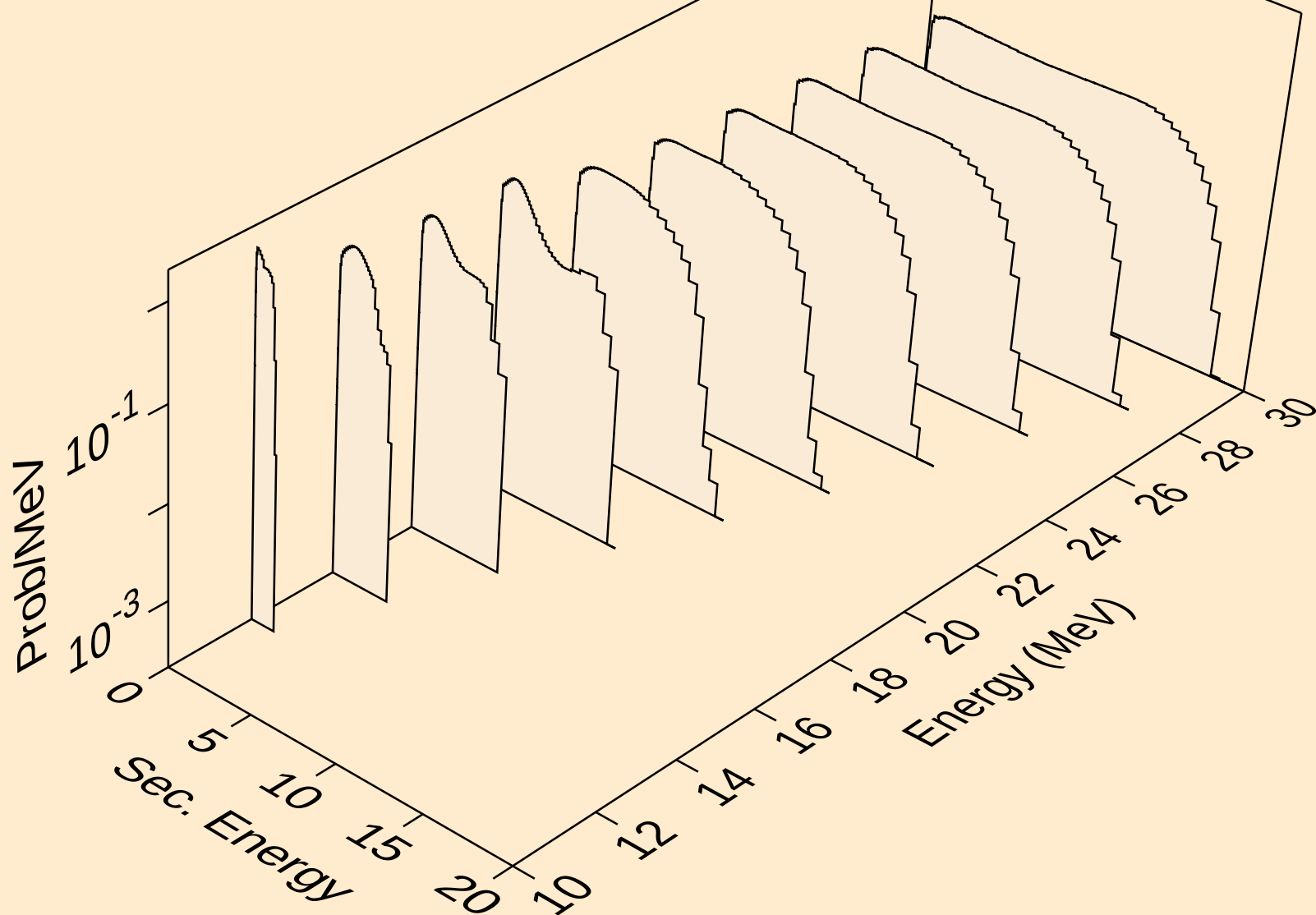
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angular distribution for (n,n*10)



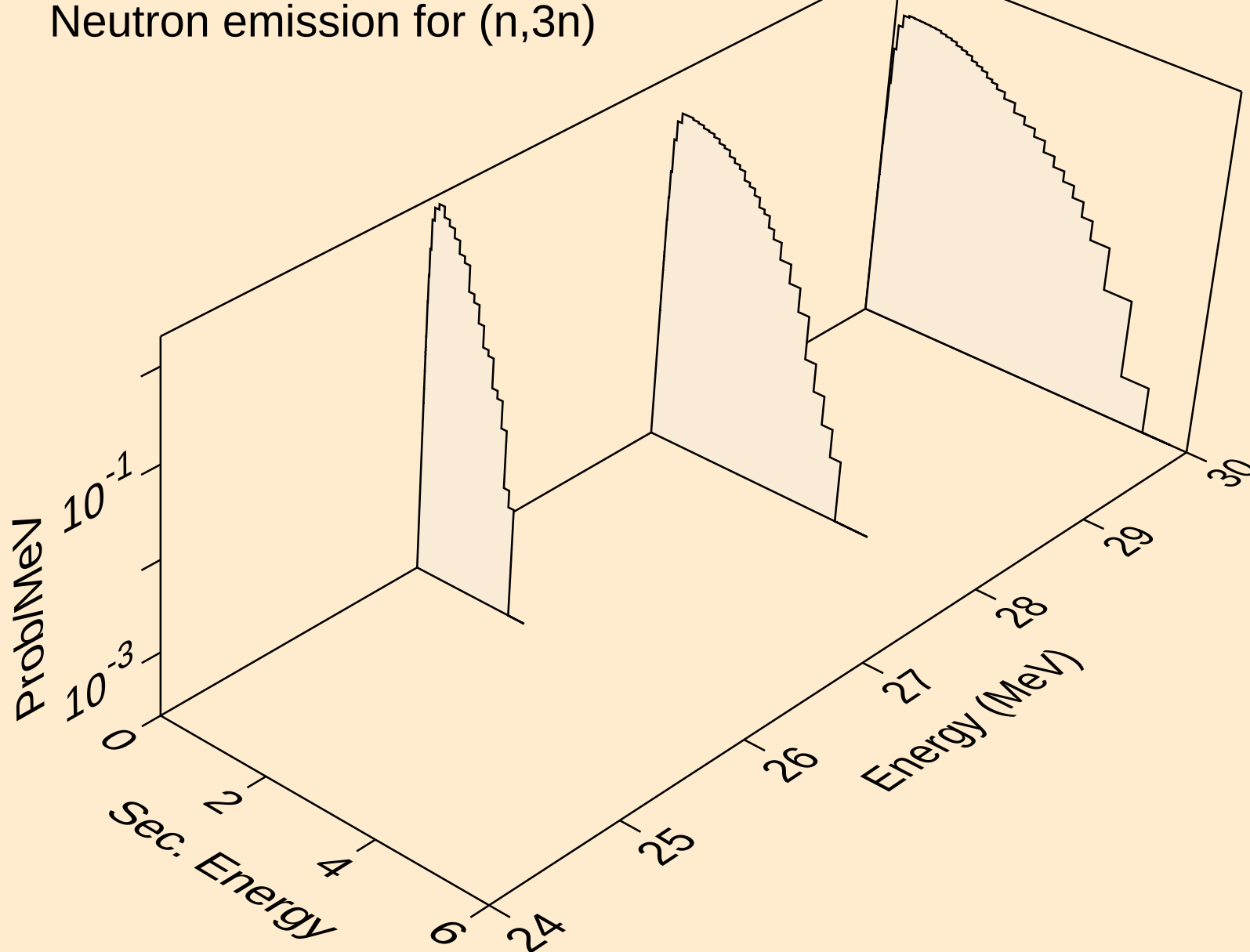
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,x)



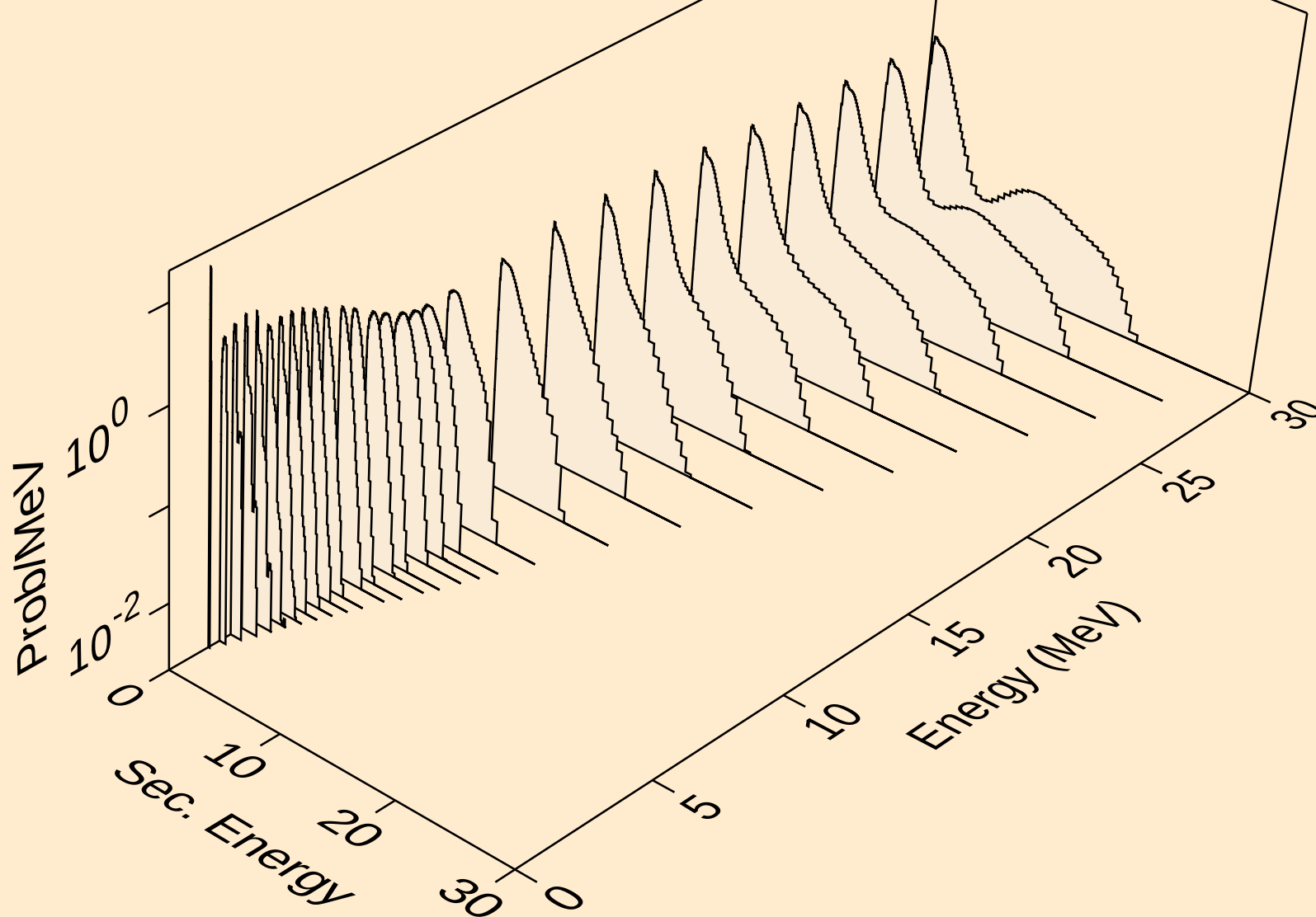
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)



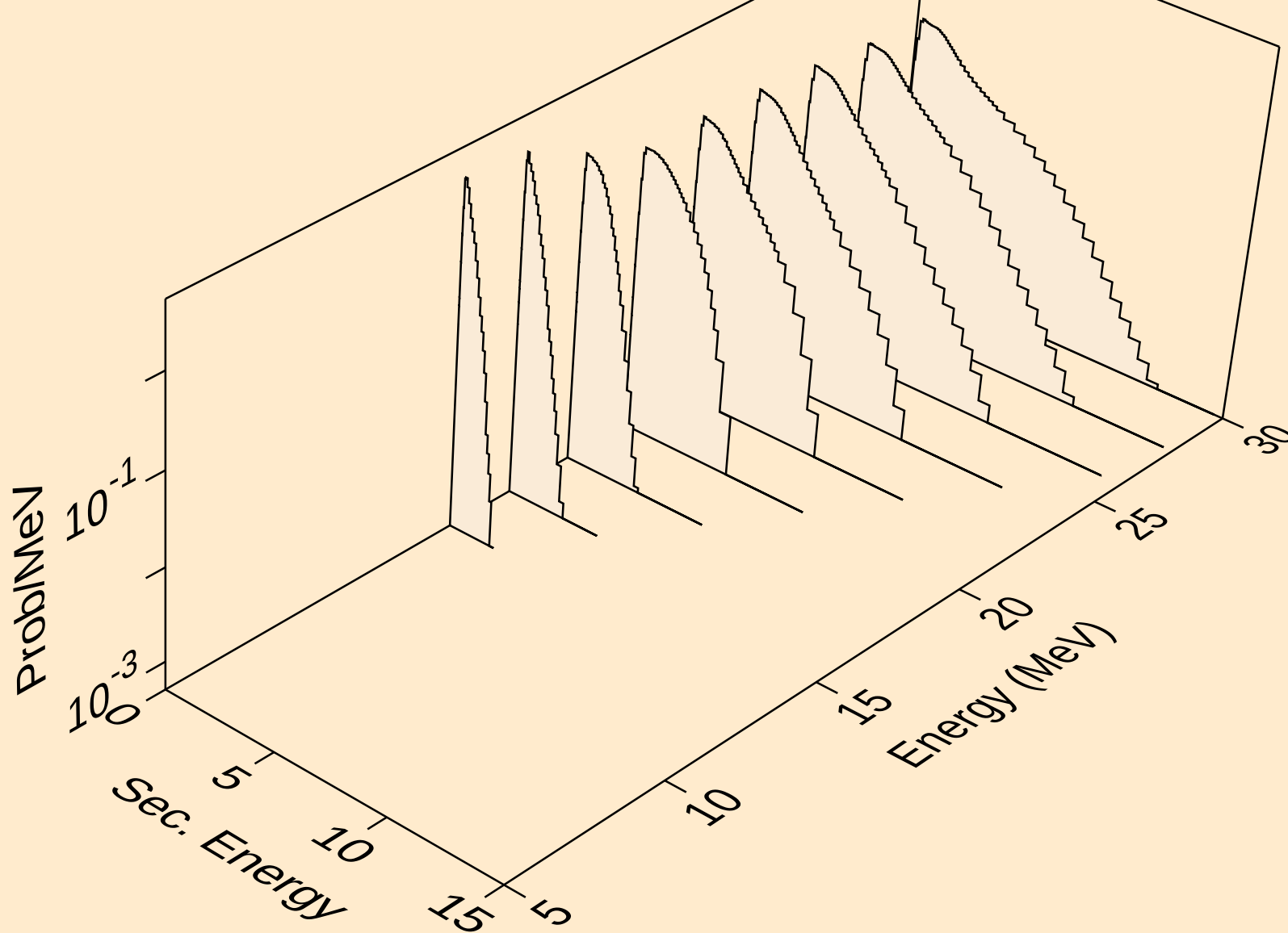
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)



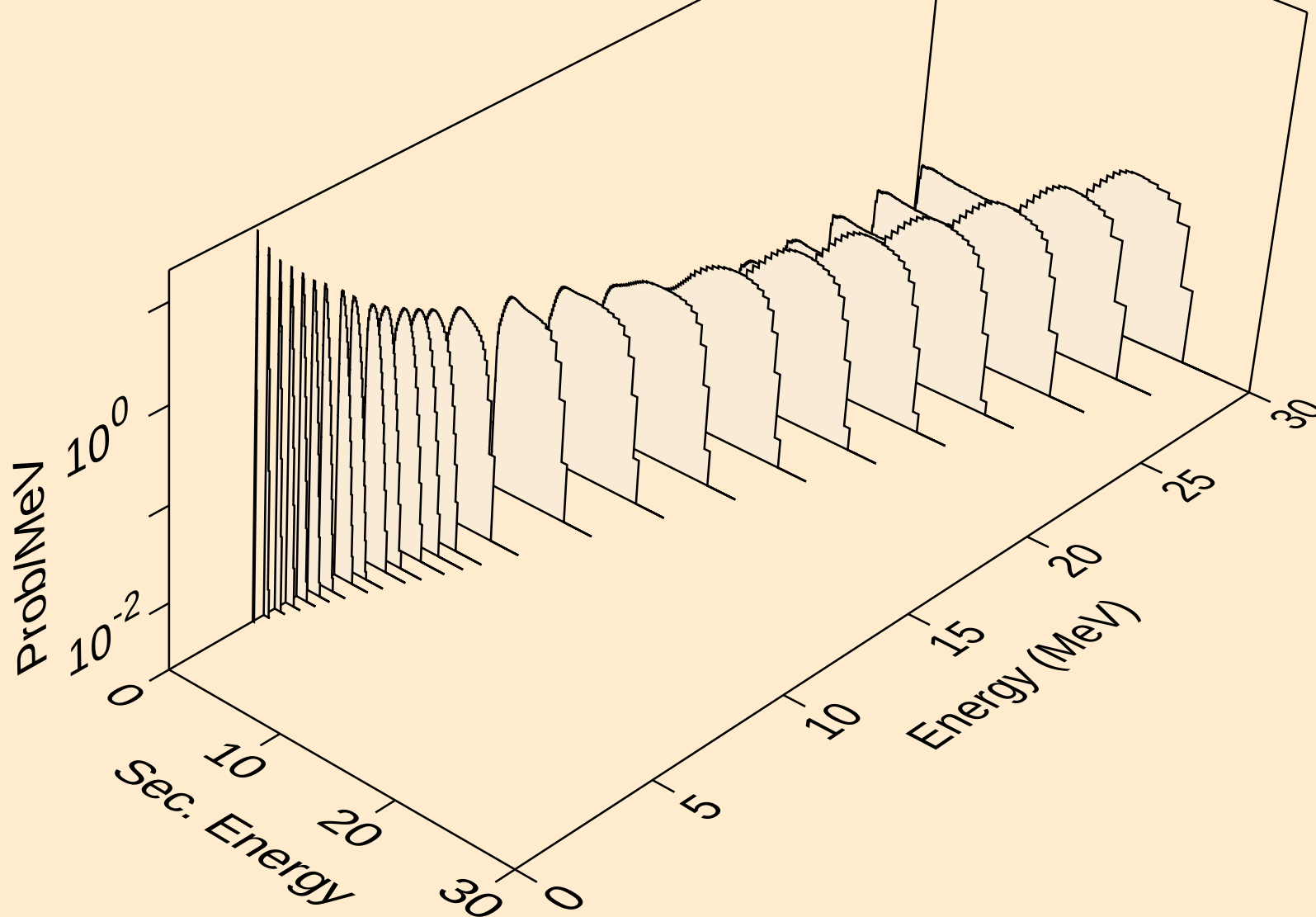
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)a



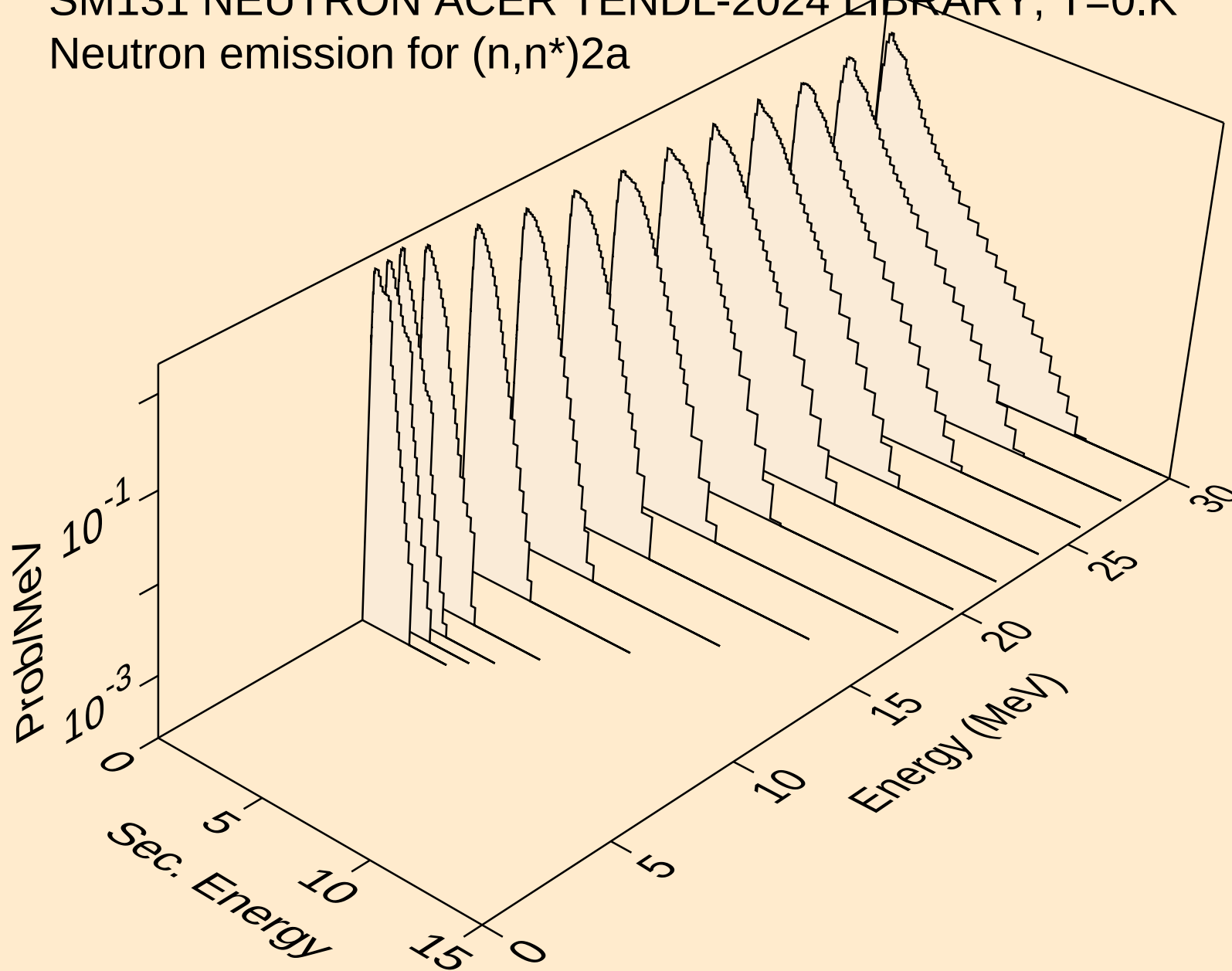
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)_a



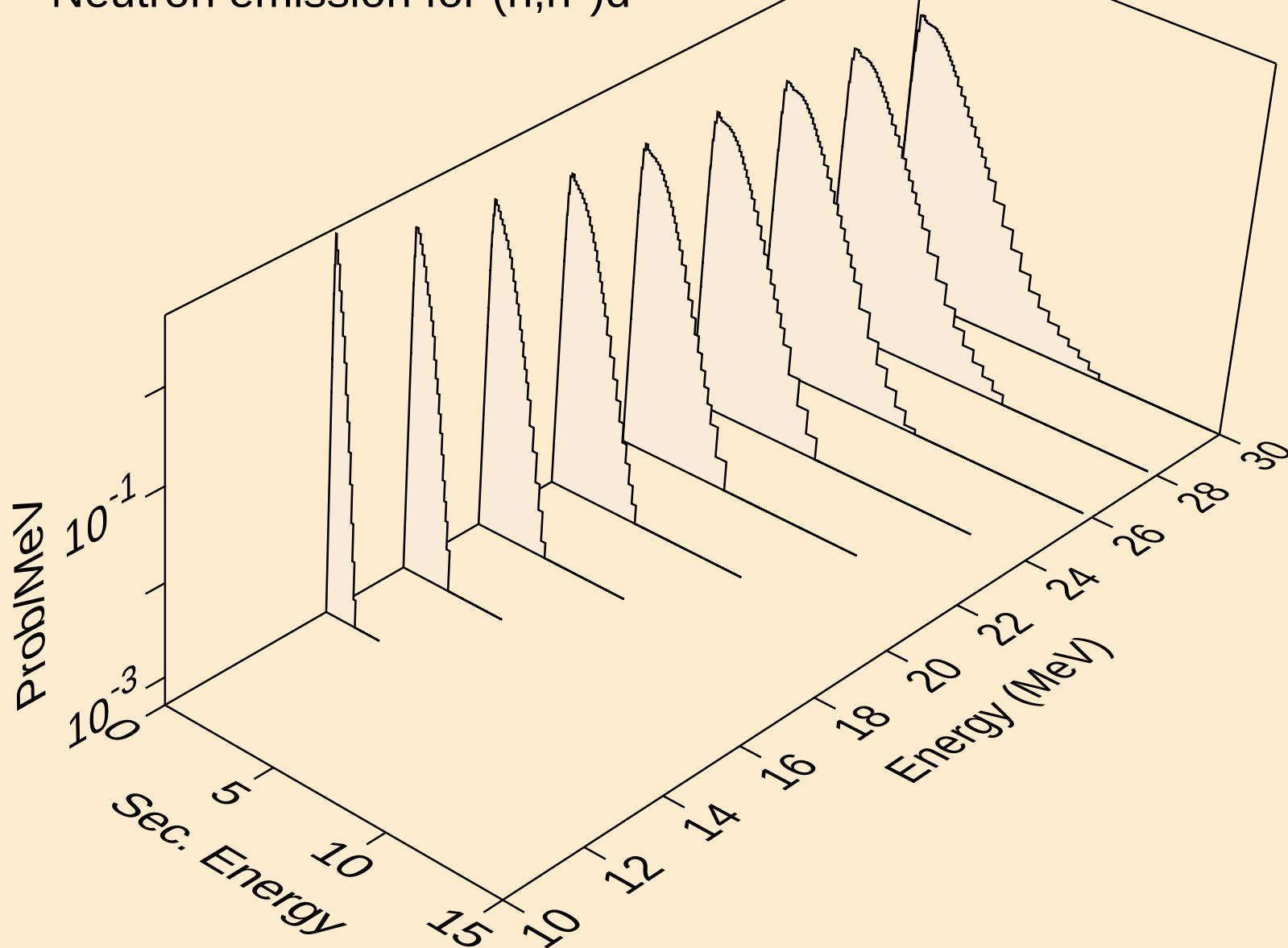
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)p



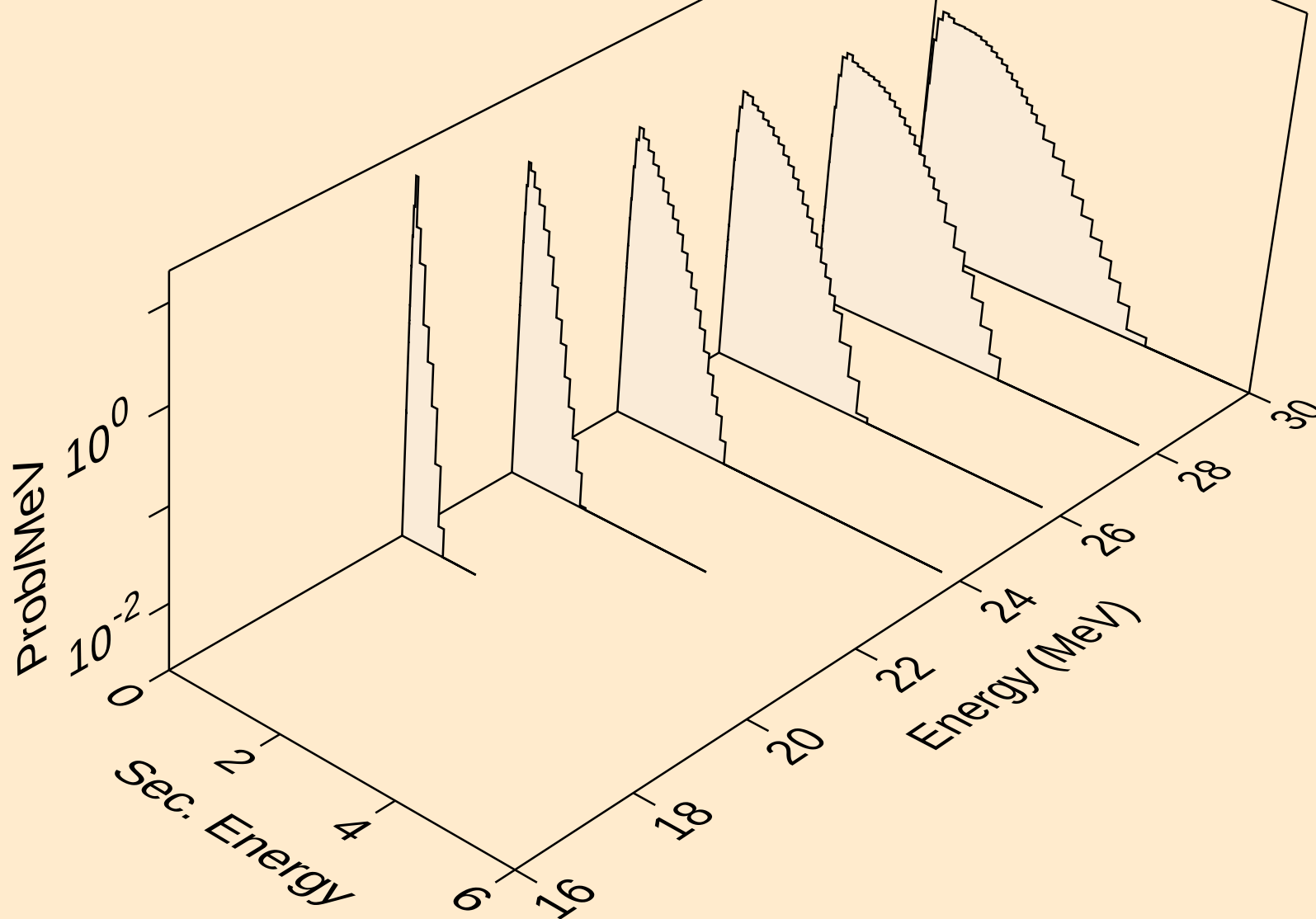
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



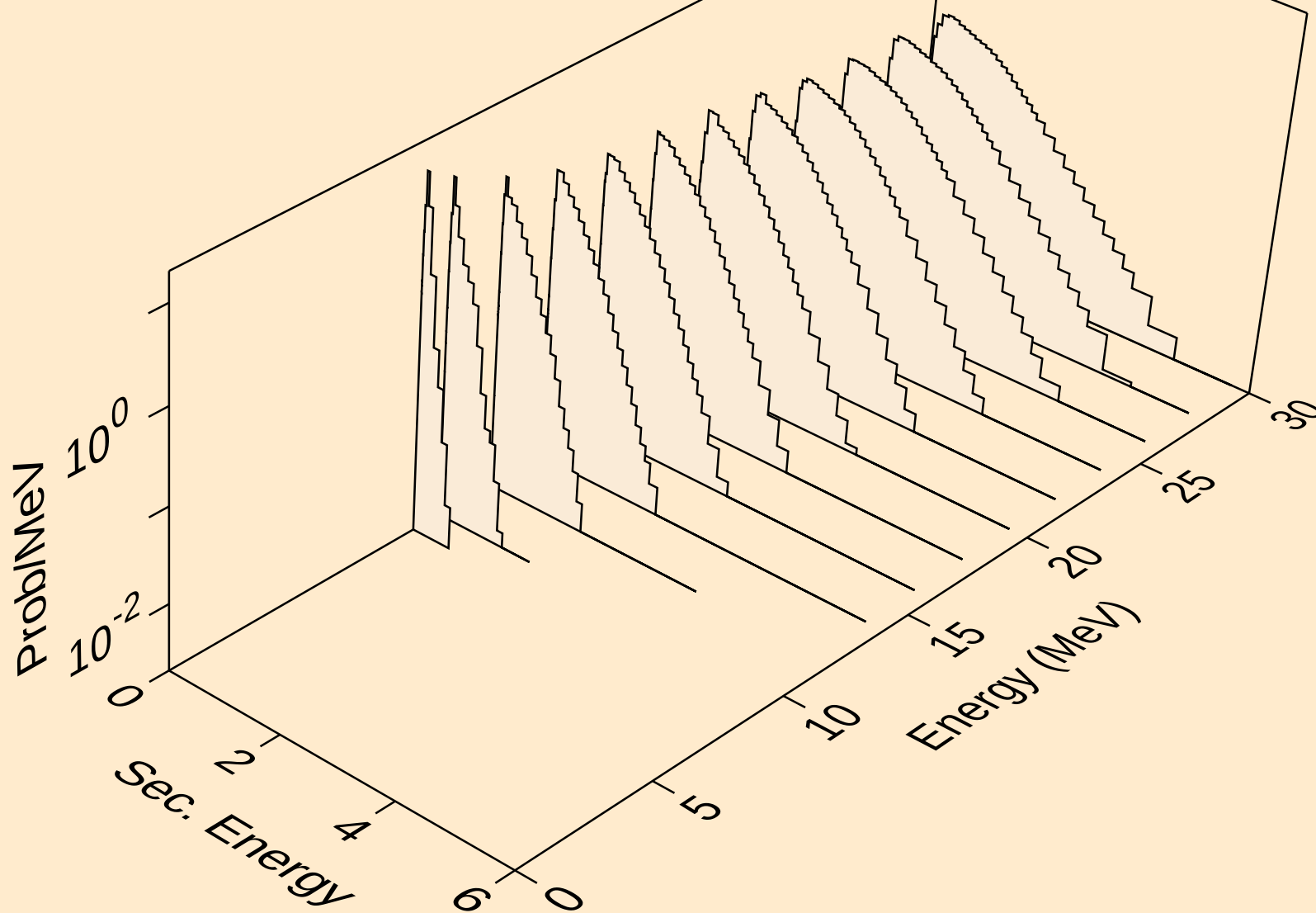
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)d



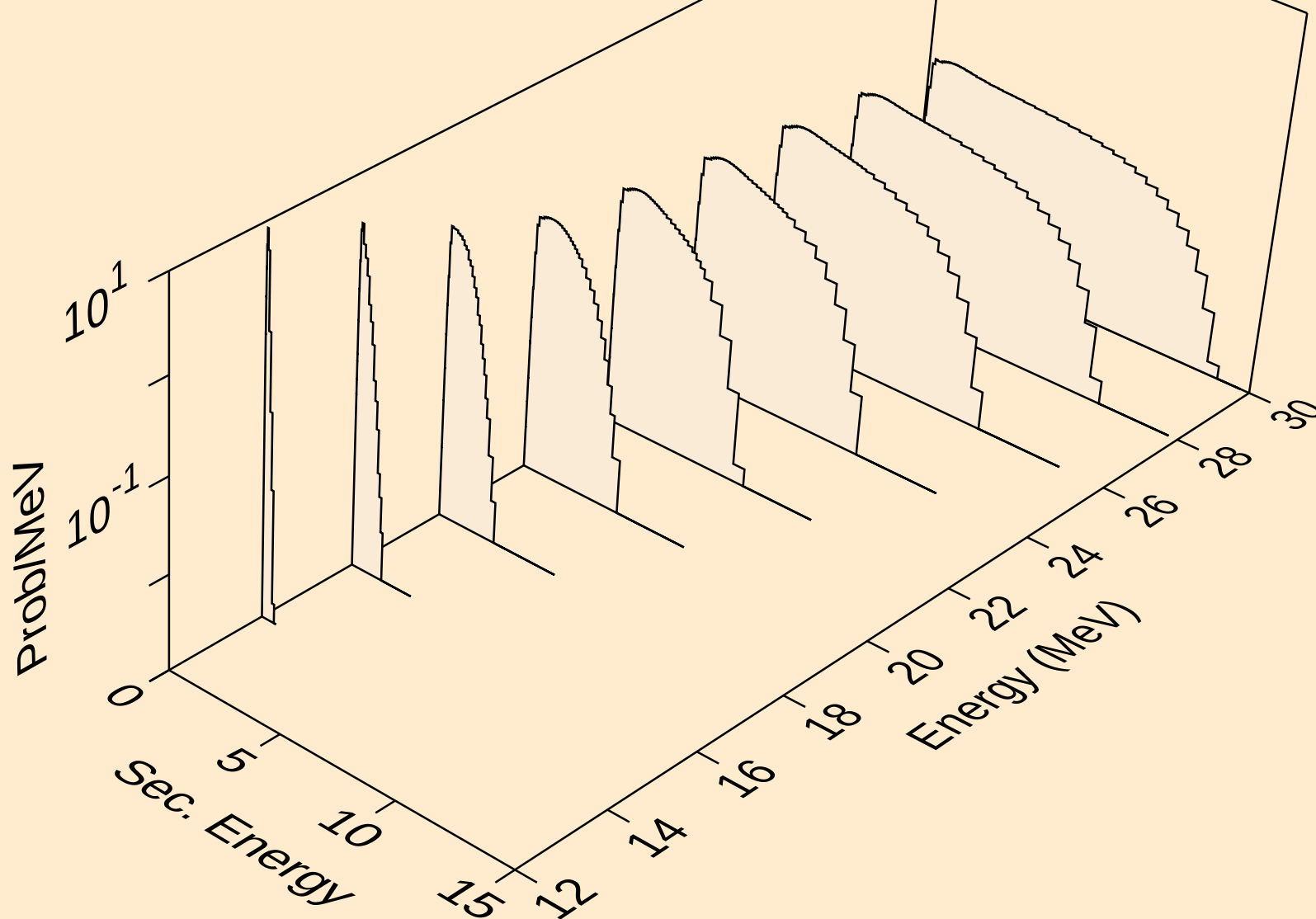
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)t



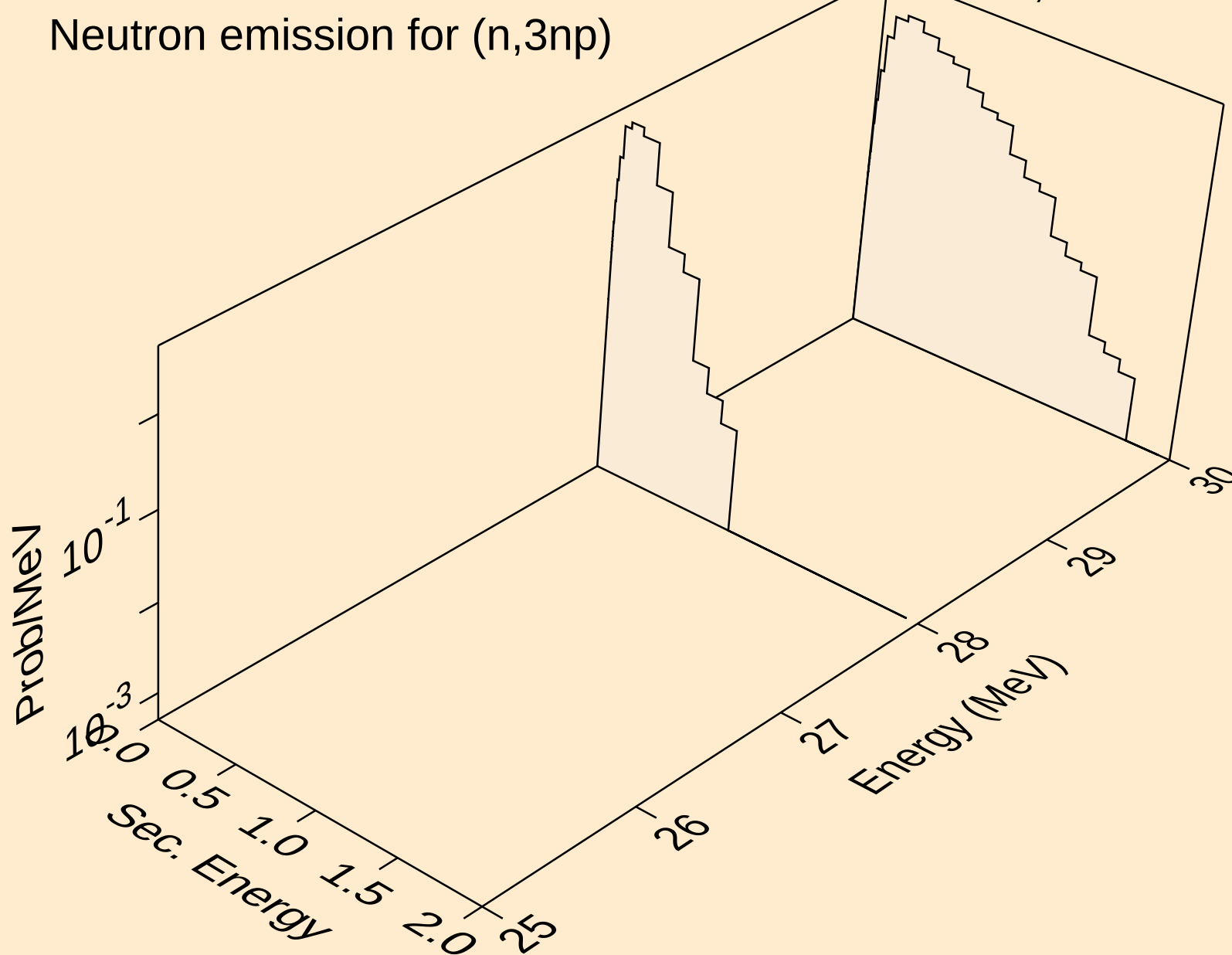
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



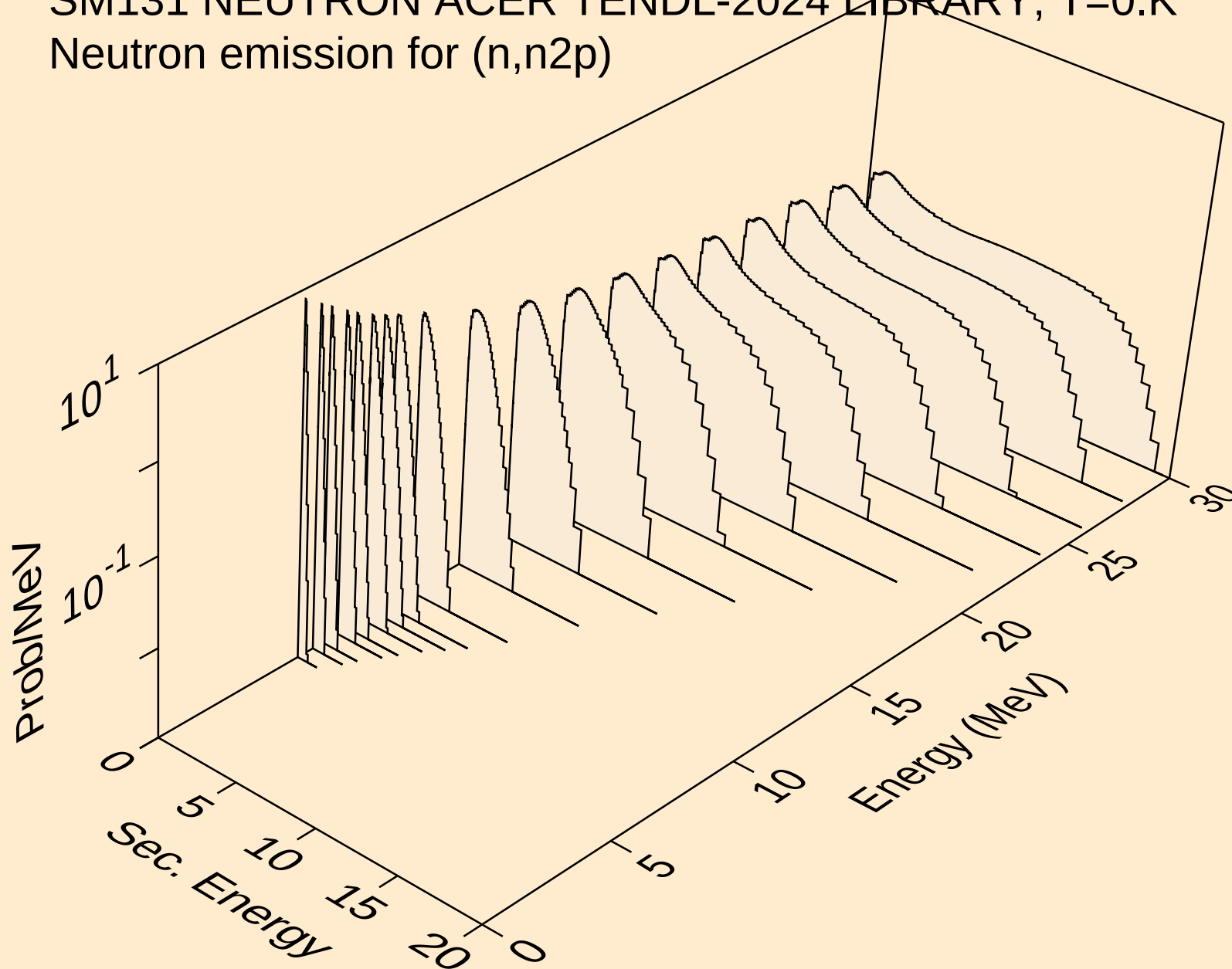
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2np)



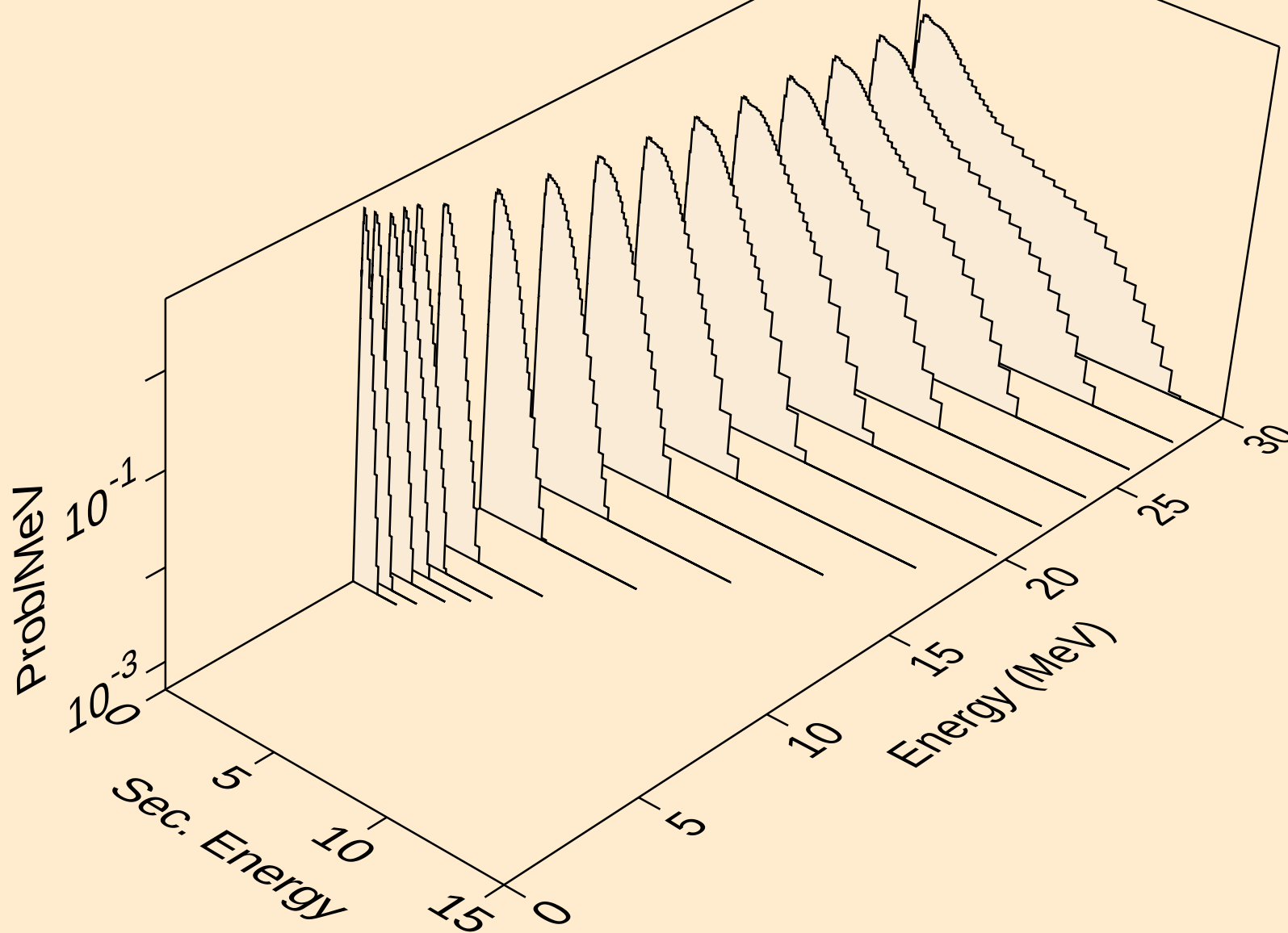
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3np)



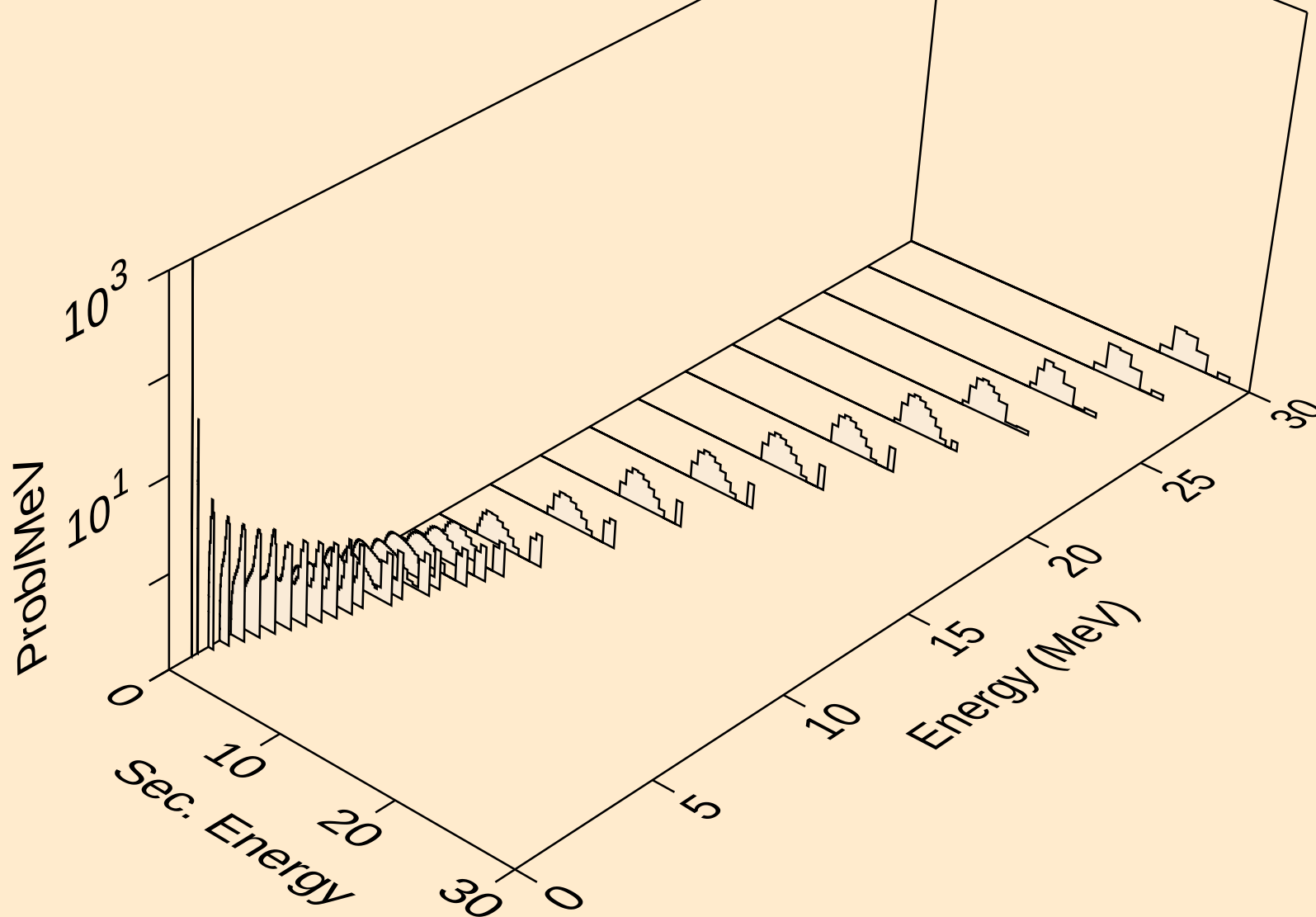
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n2p)



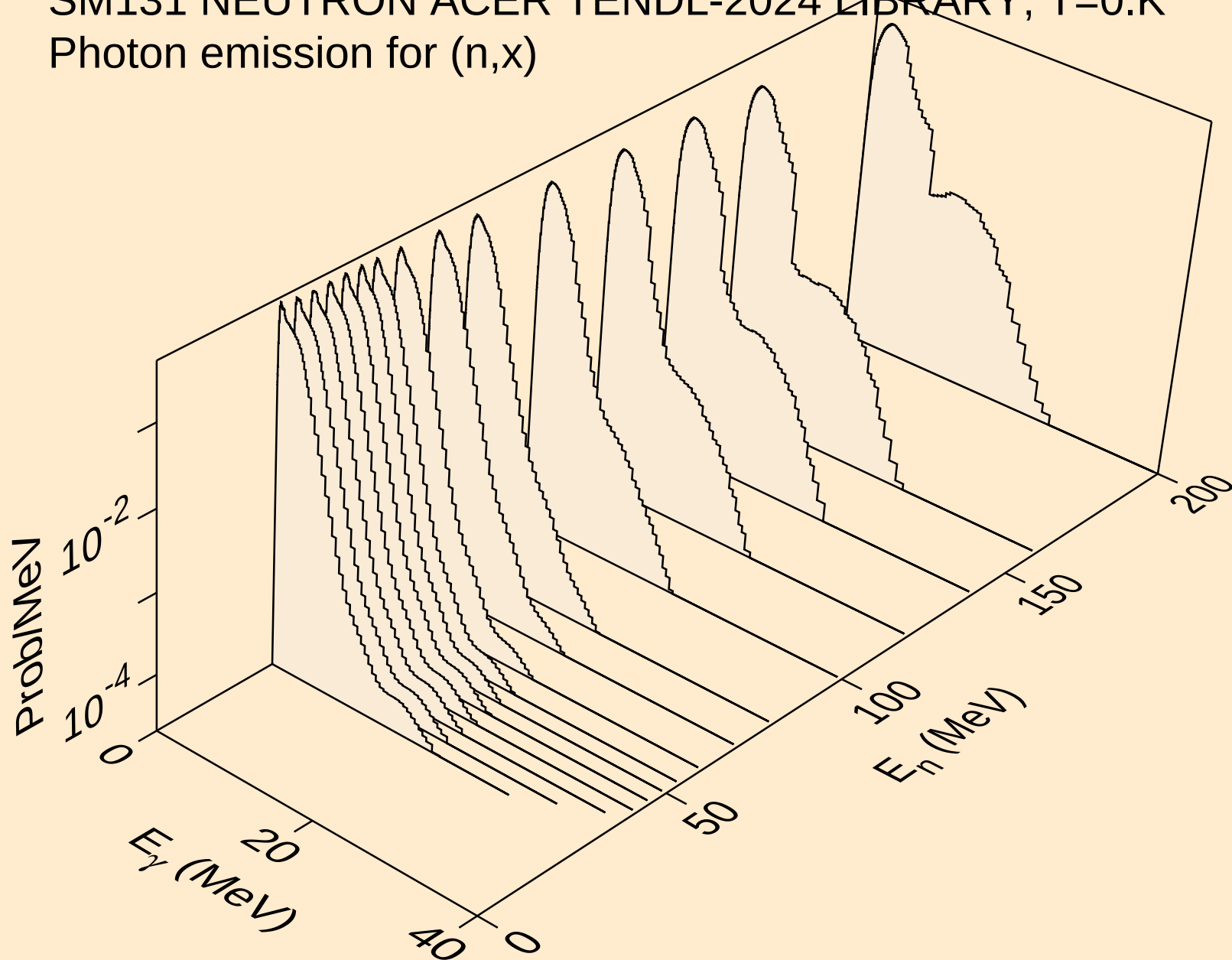
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,npa)



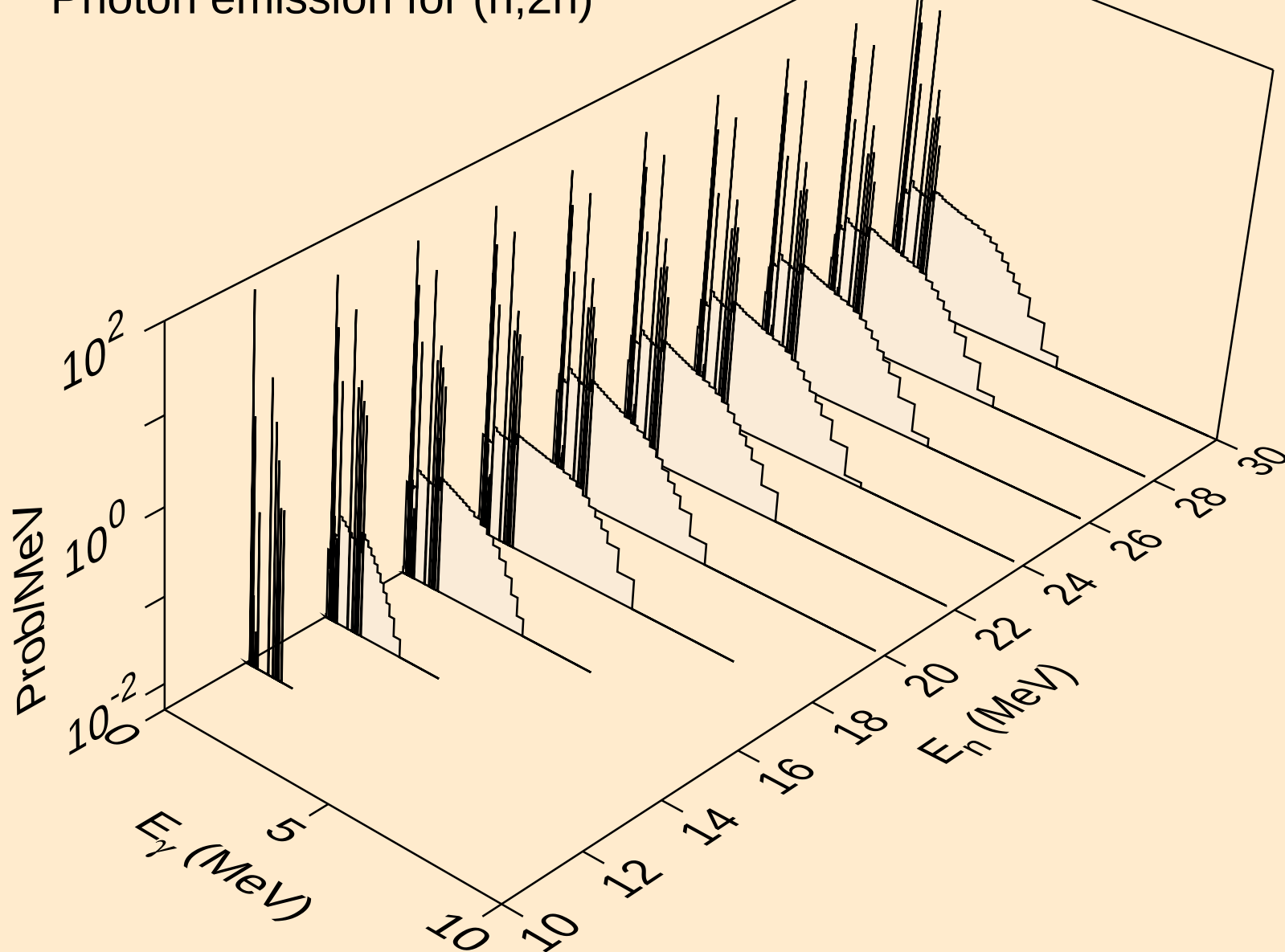
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*c)



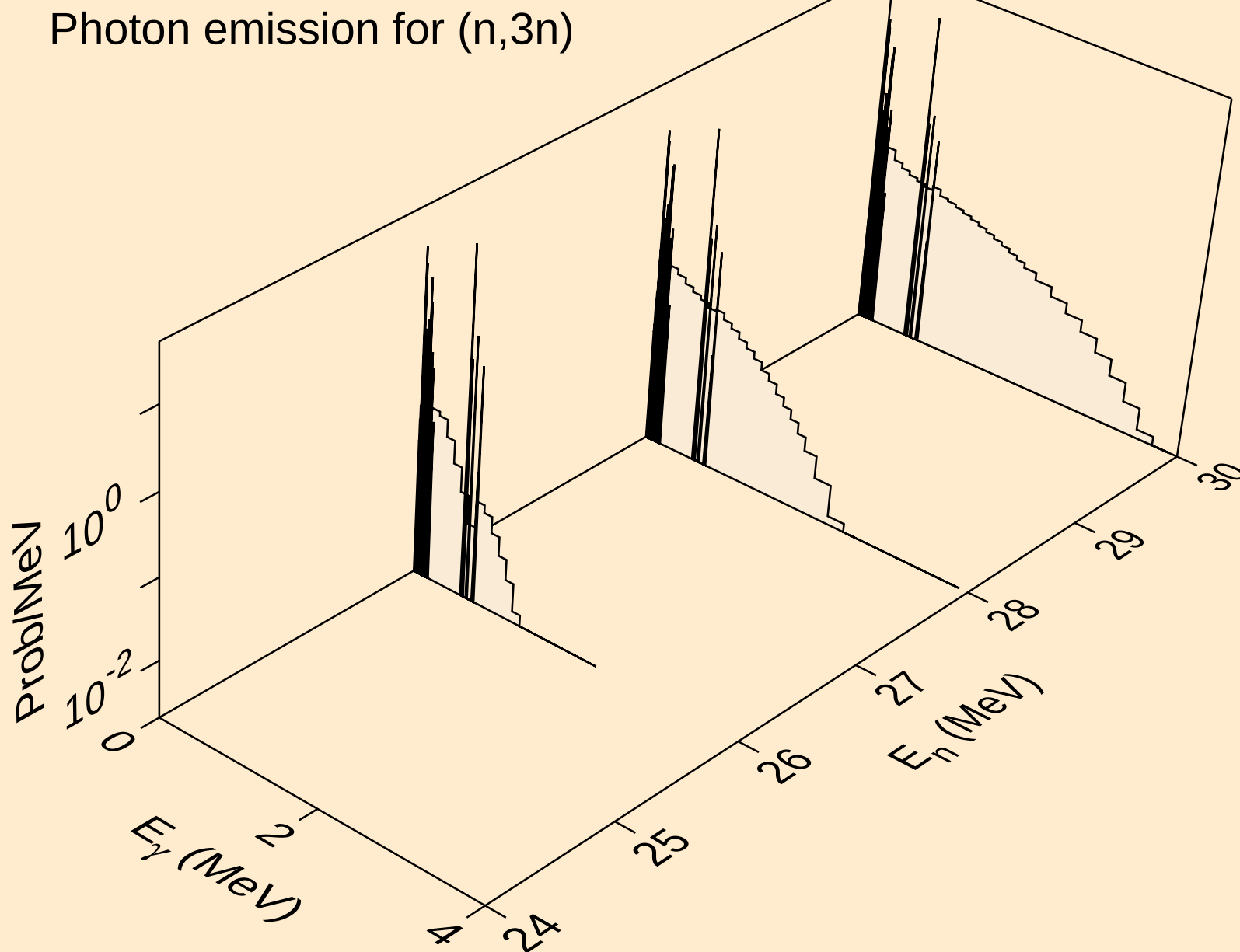
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,x)



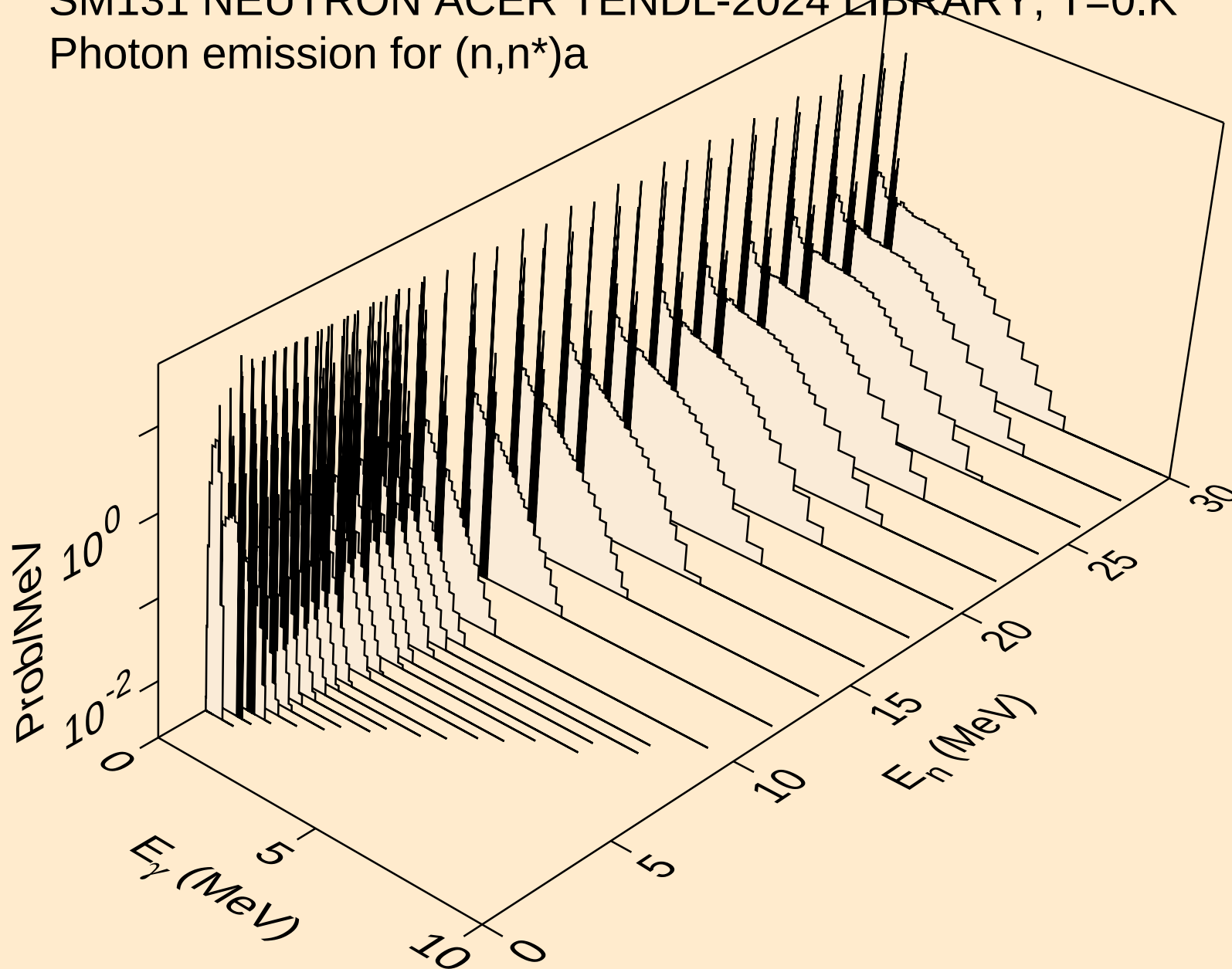
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



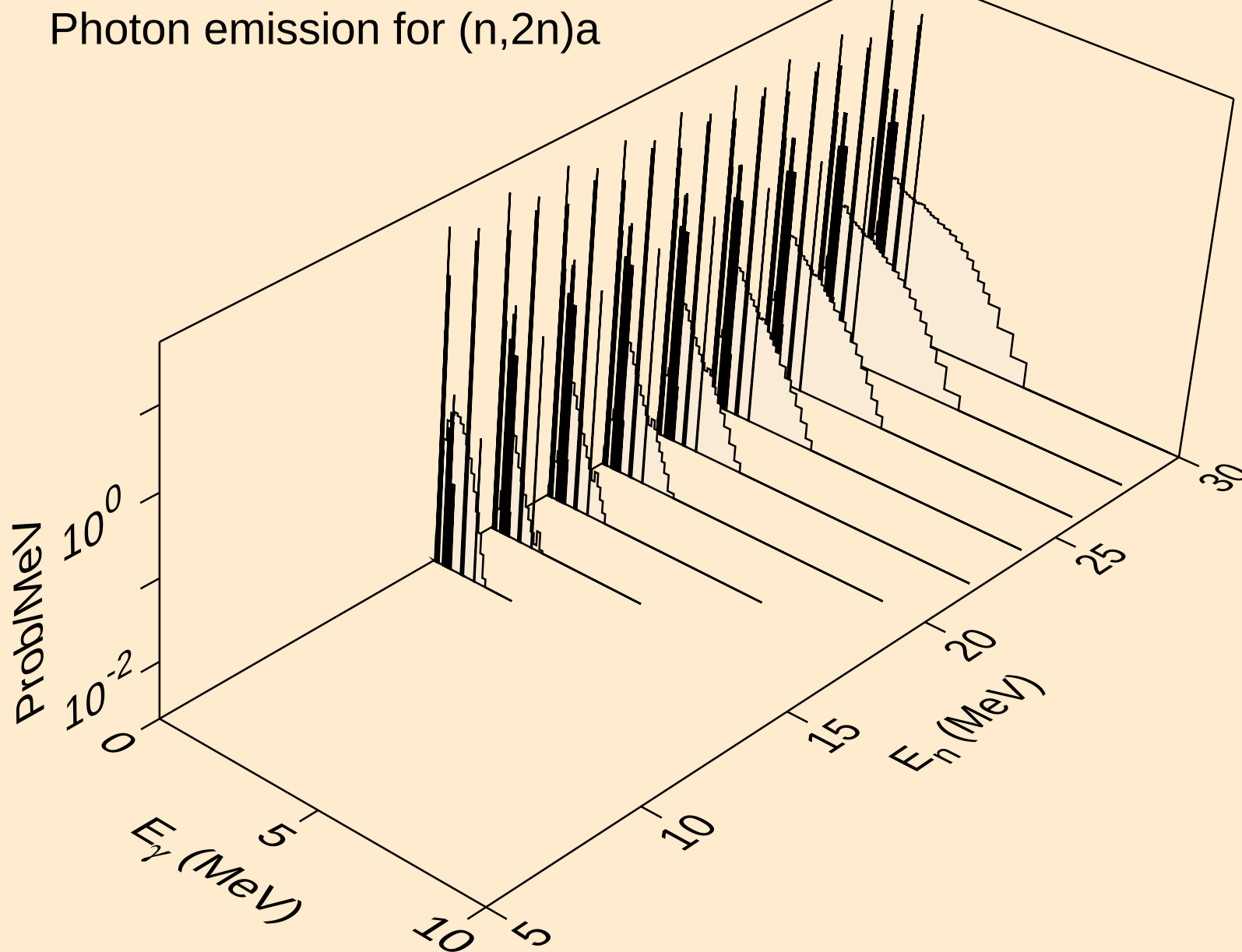
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



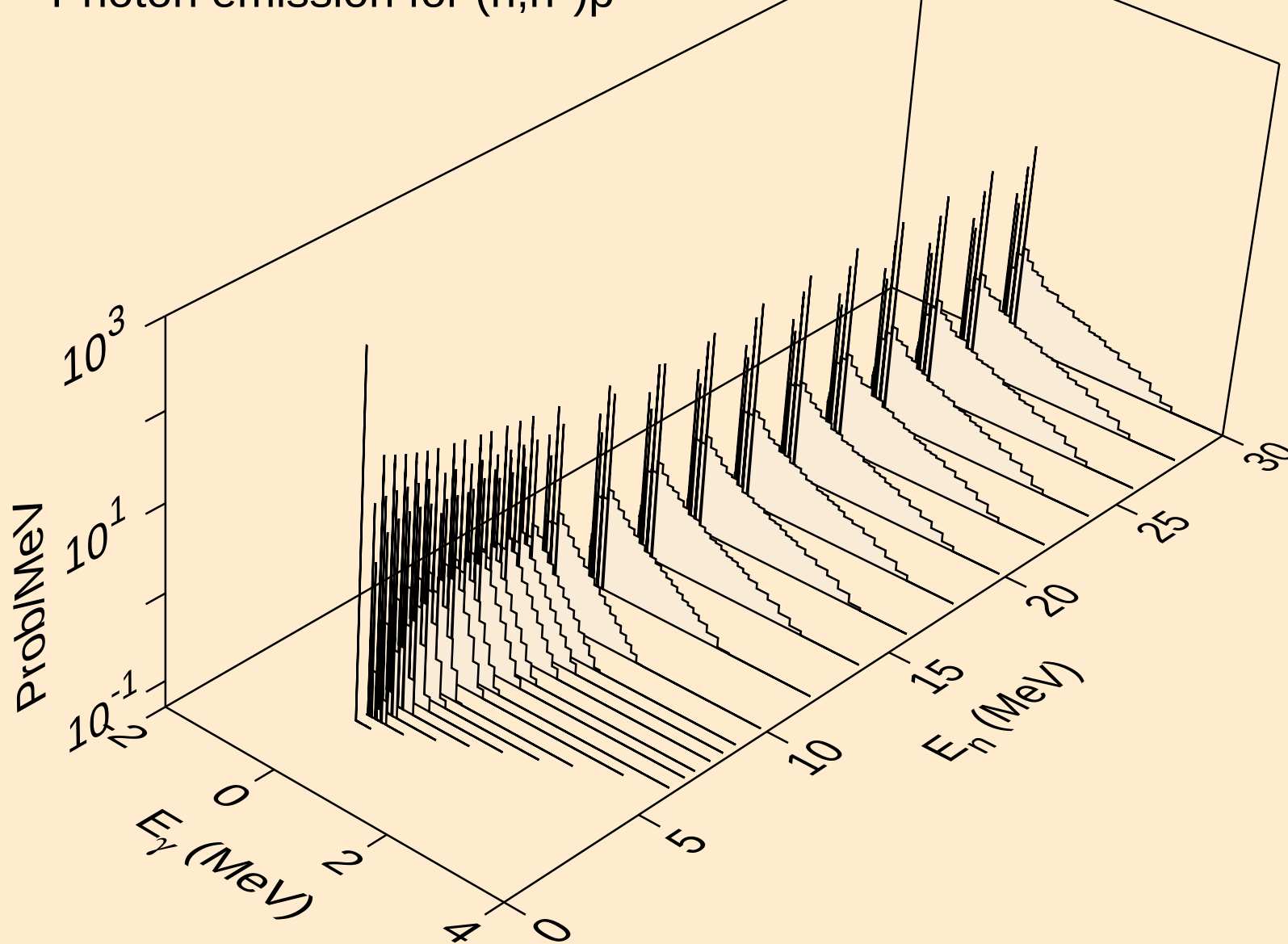
SM131 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)a$



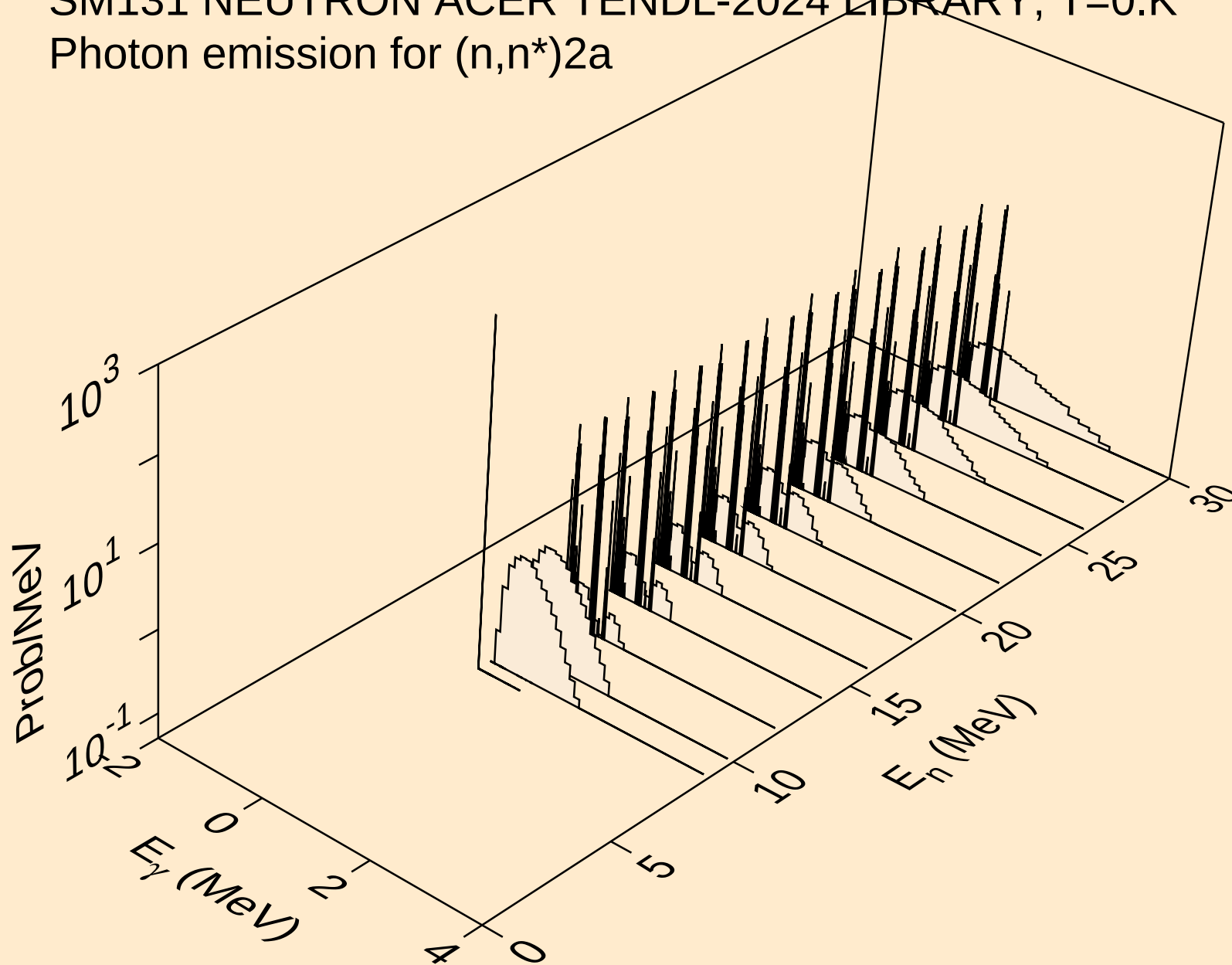
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Photon emission for (n,2n) α



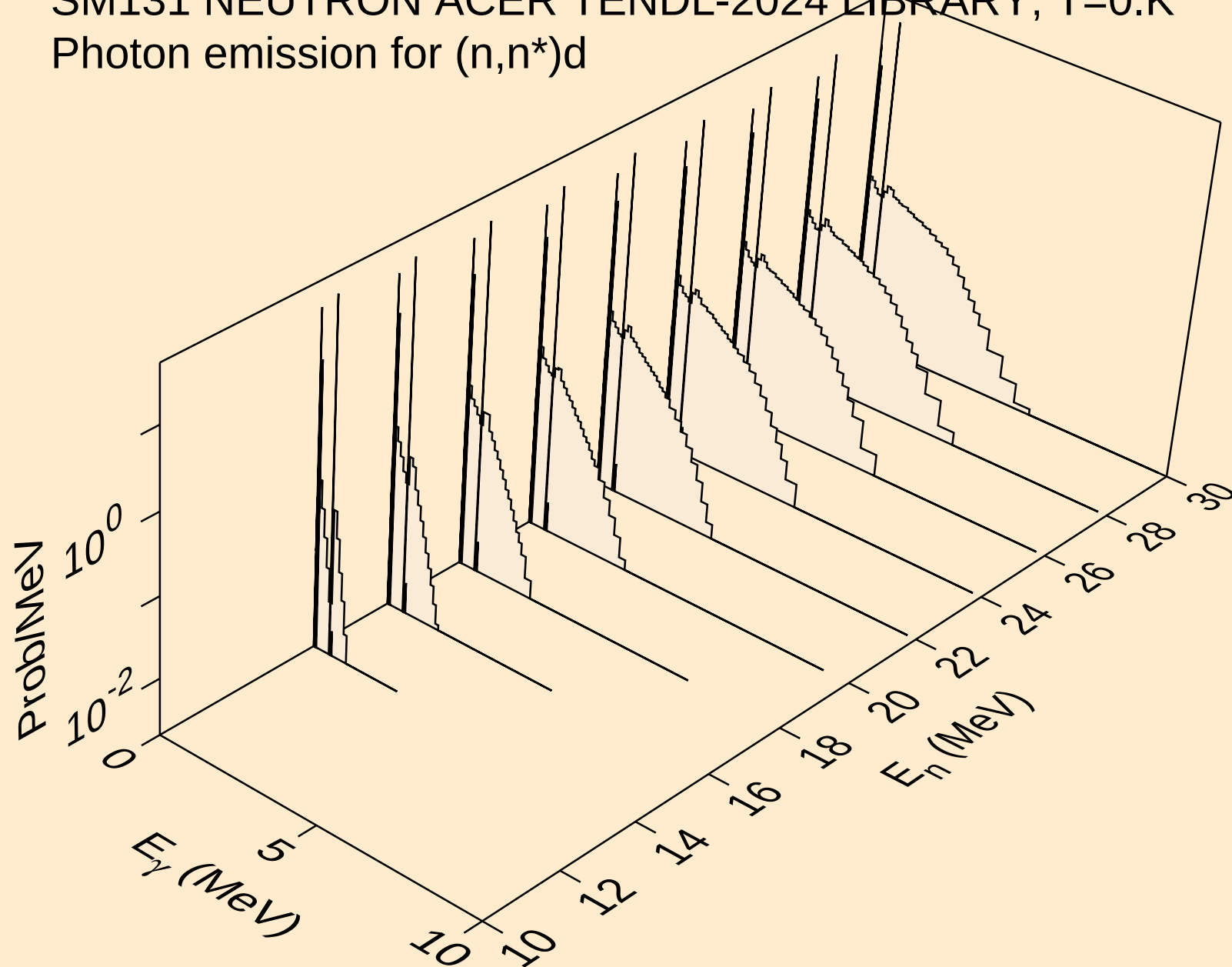
SM131 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)p$



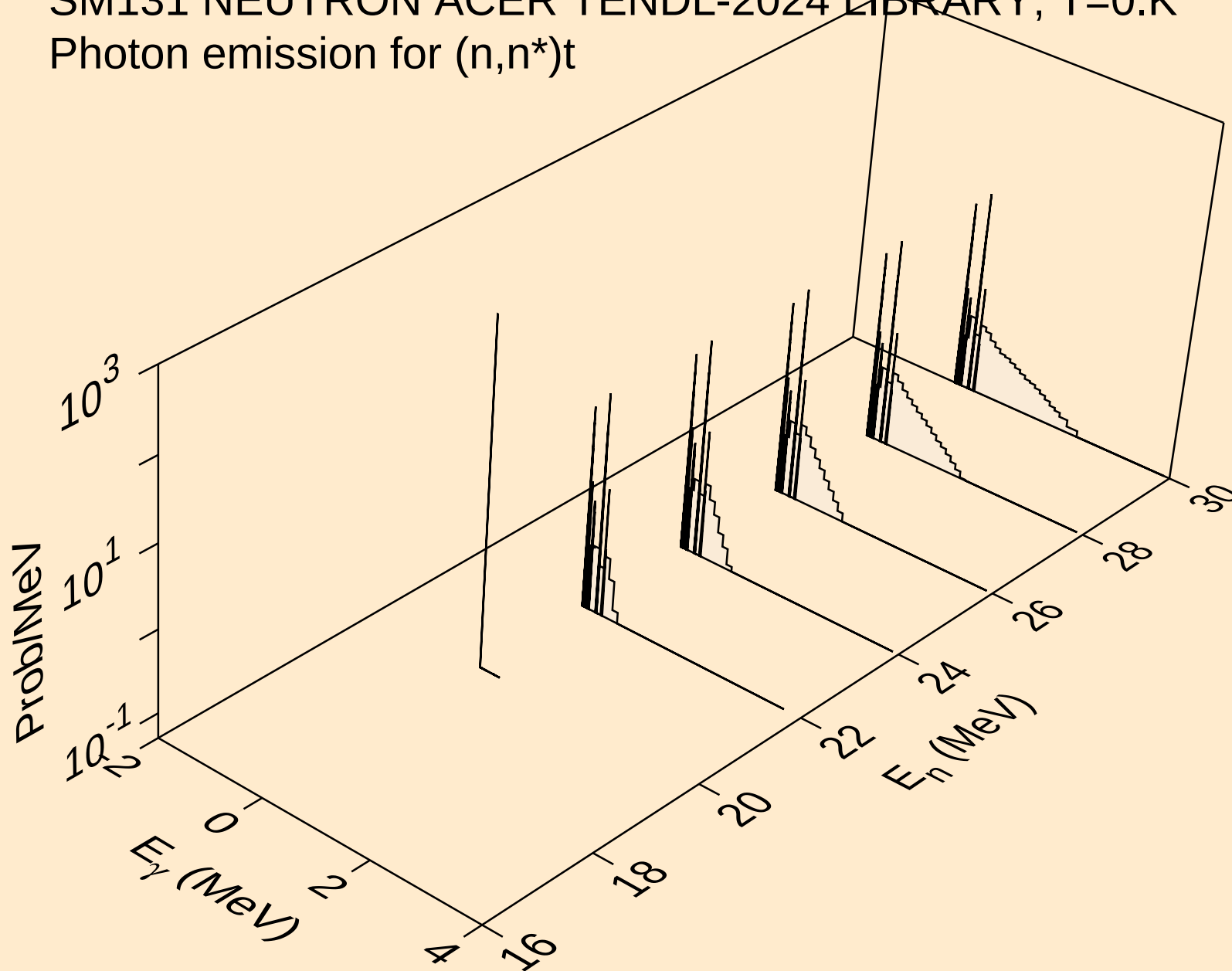
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)2a



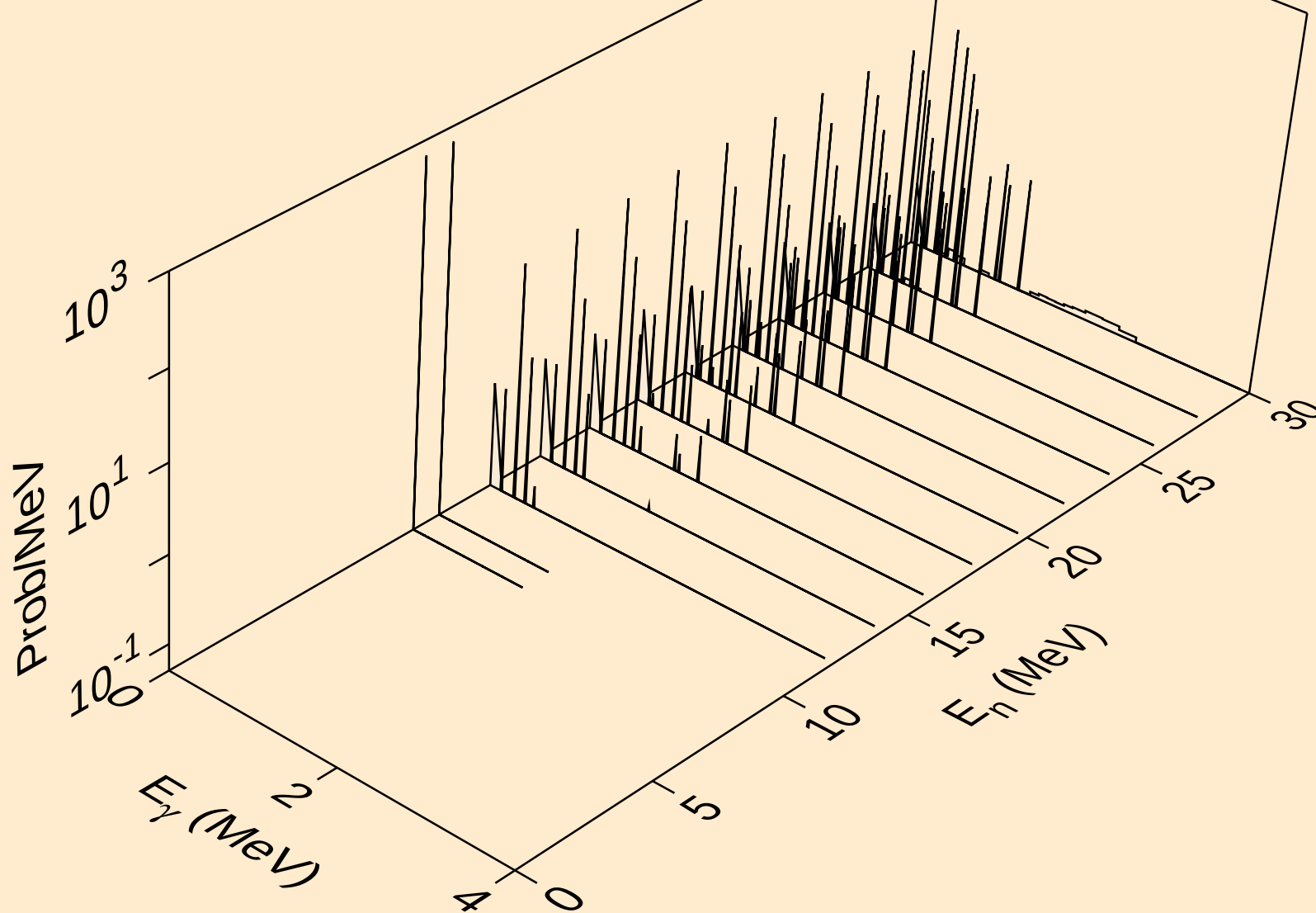
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d



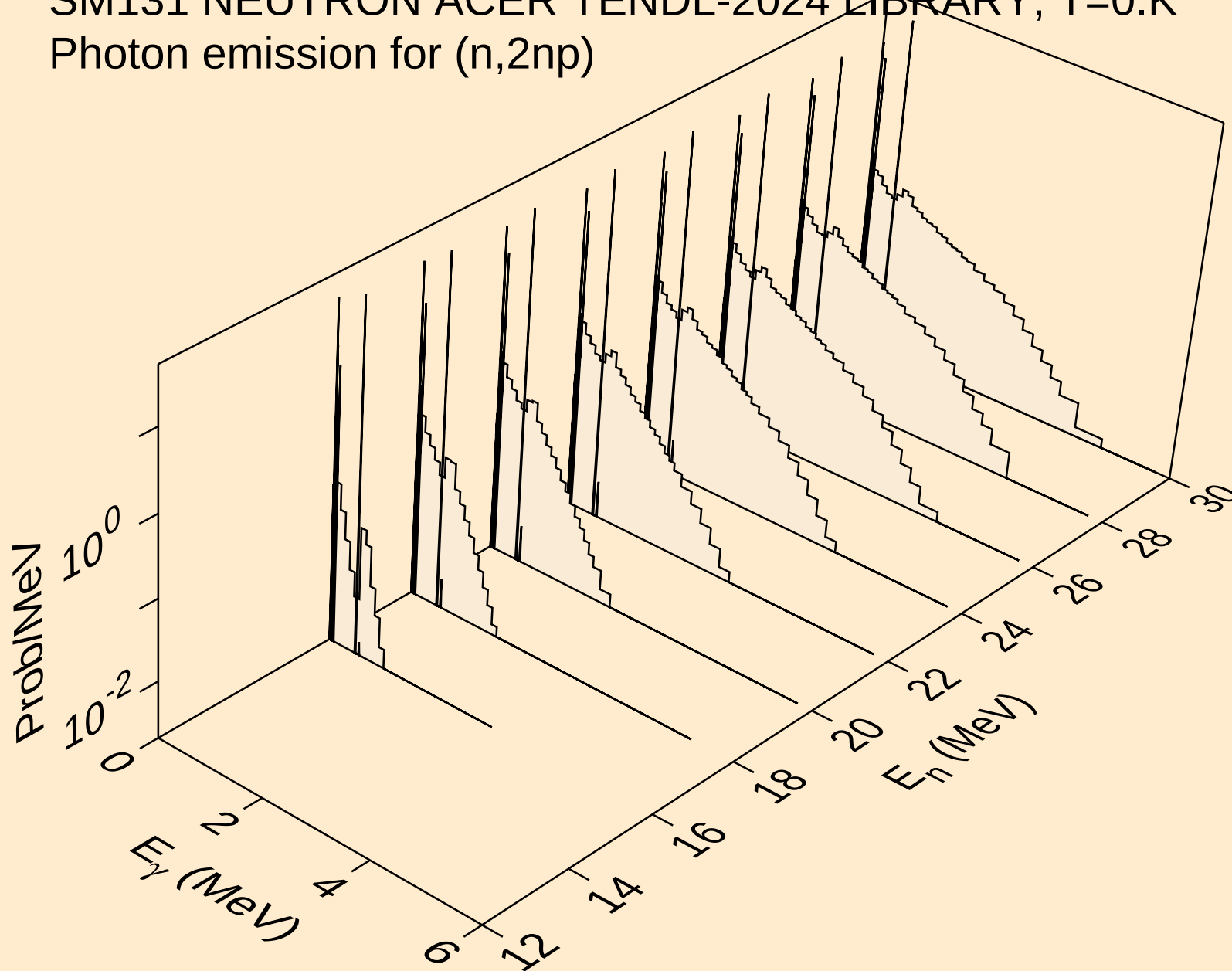
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)t



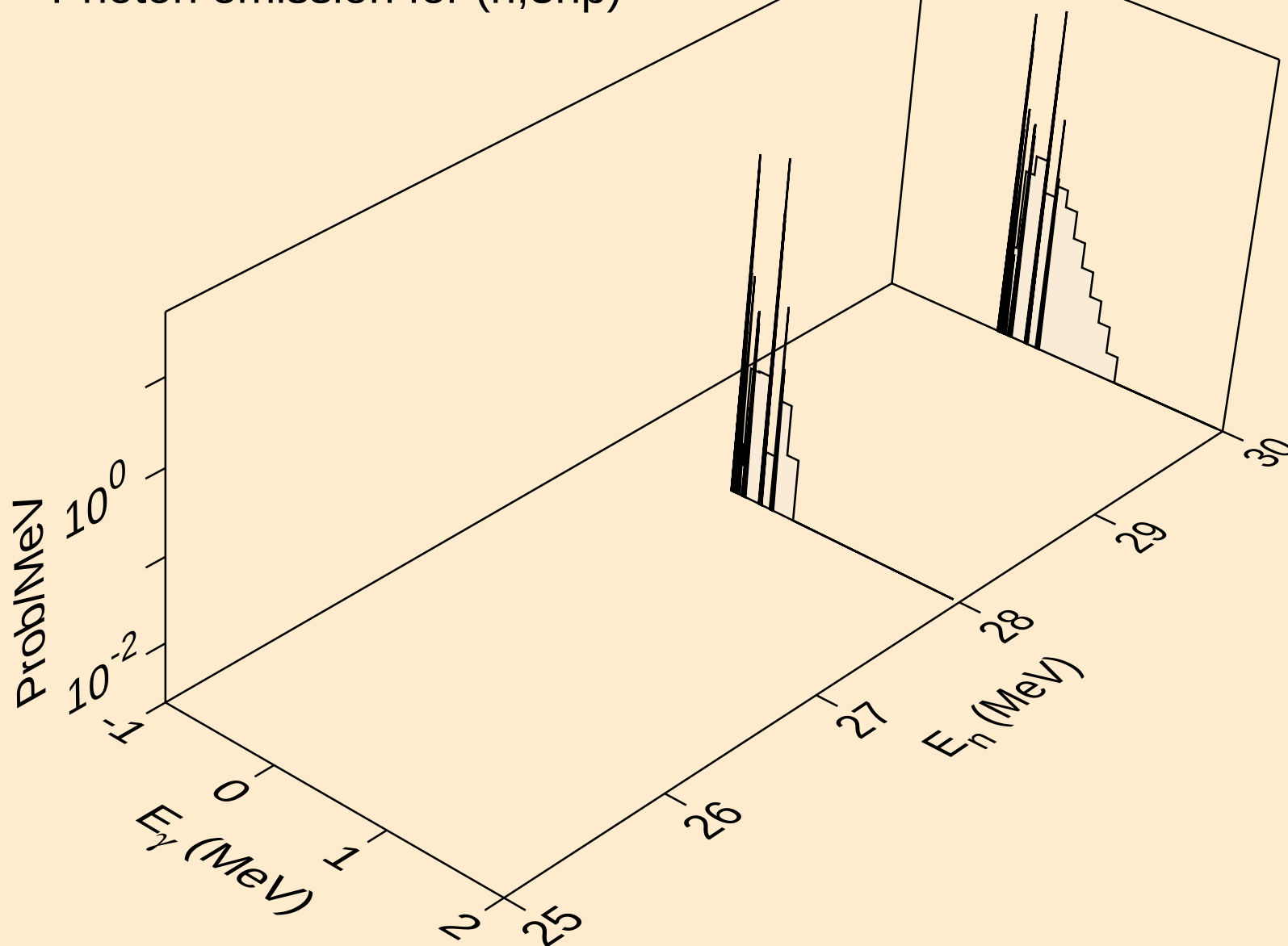
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



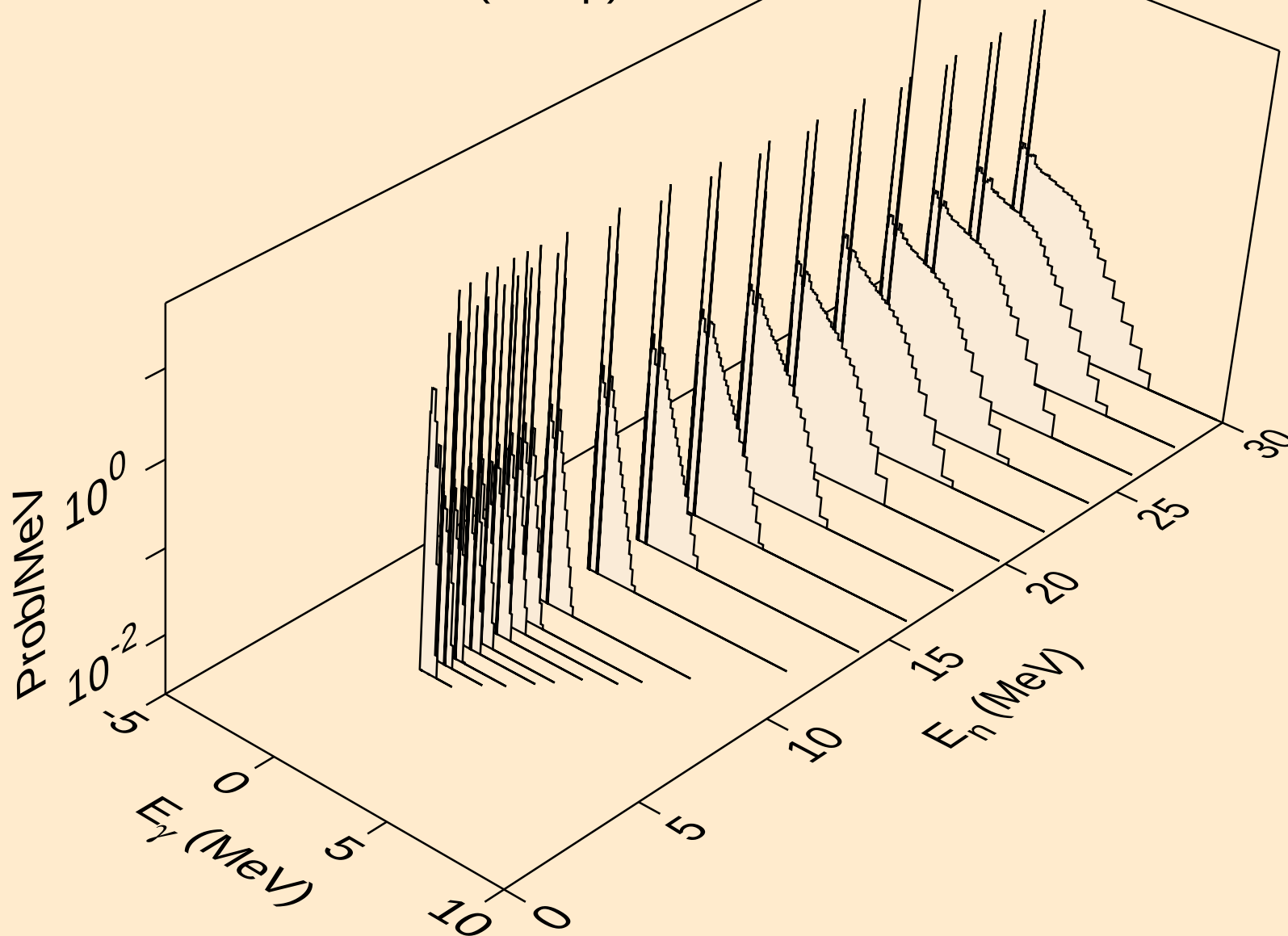
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



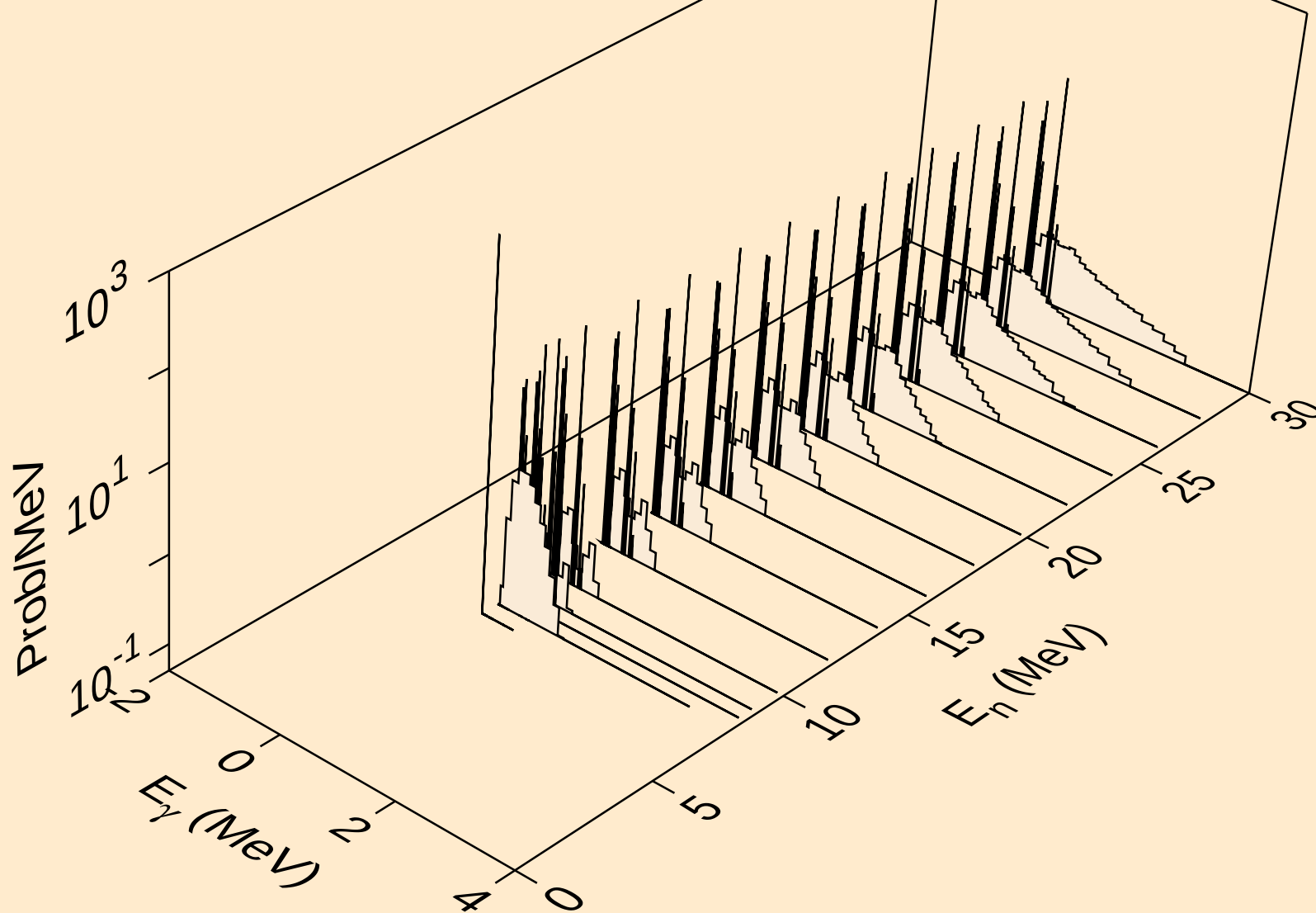
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3np)



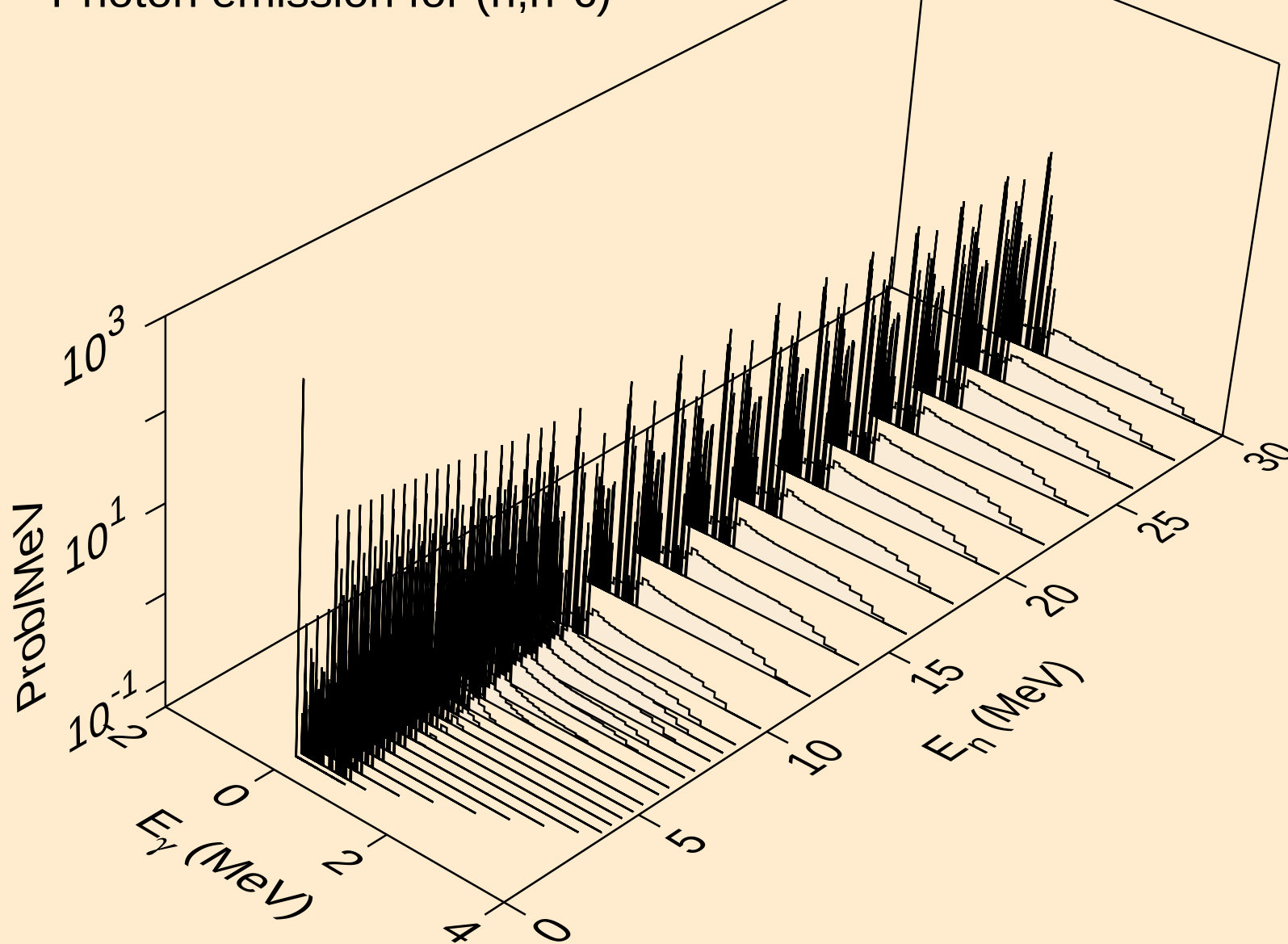
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Photon emission for (n,n2p)



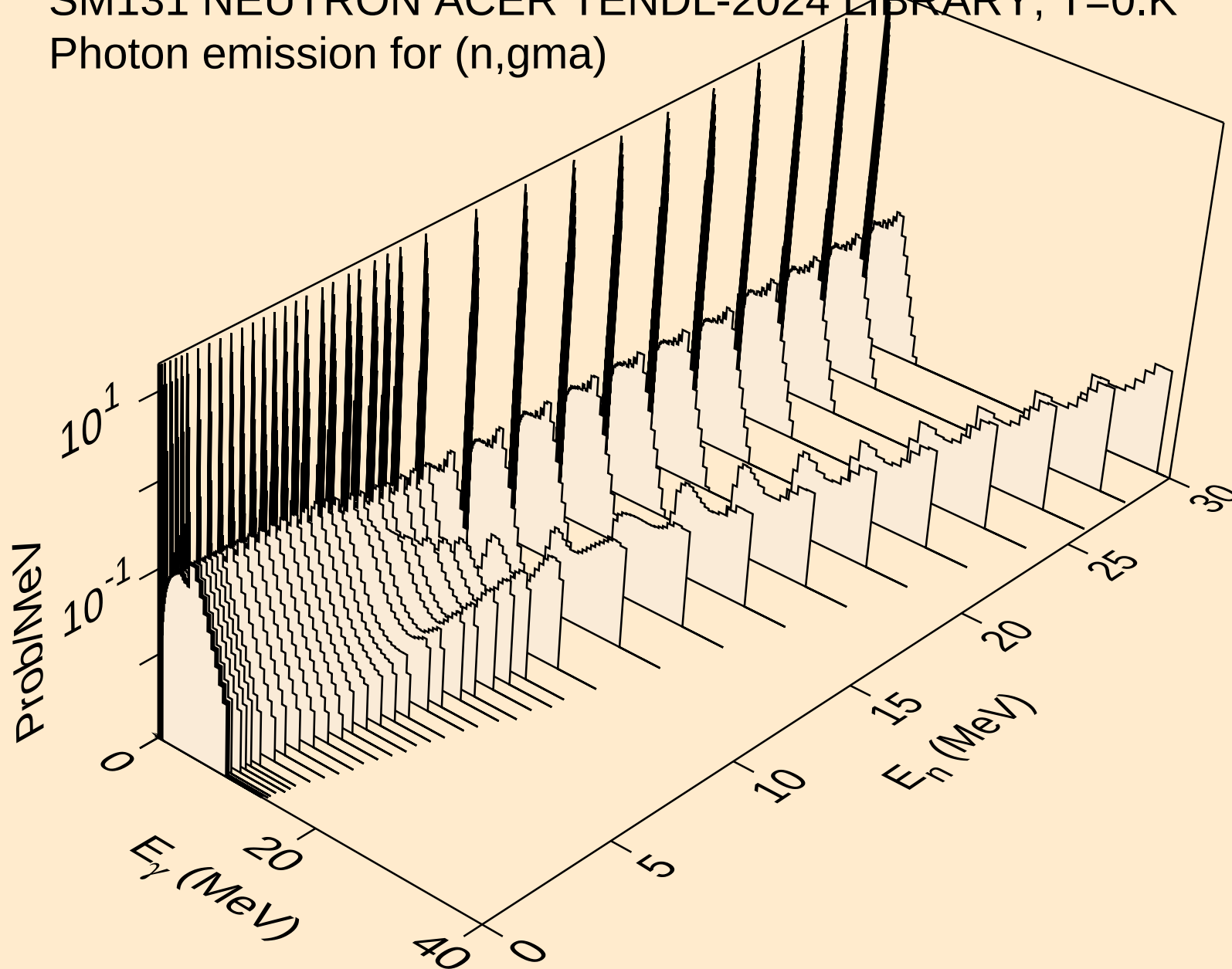
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



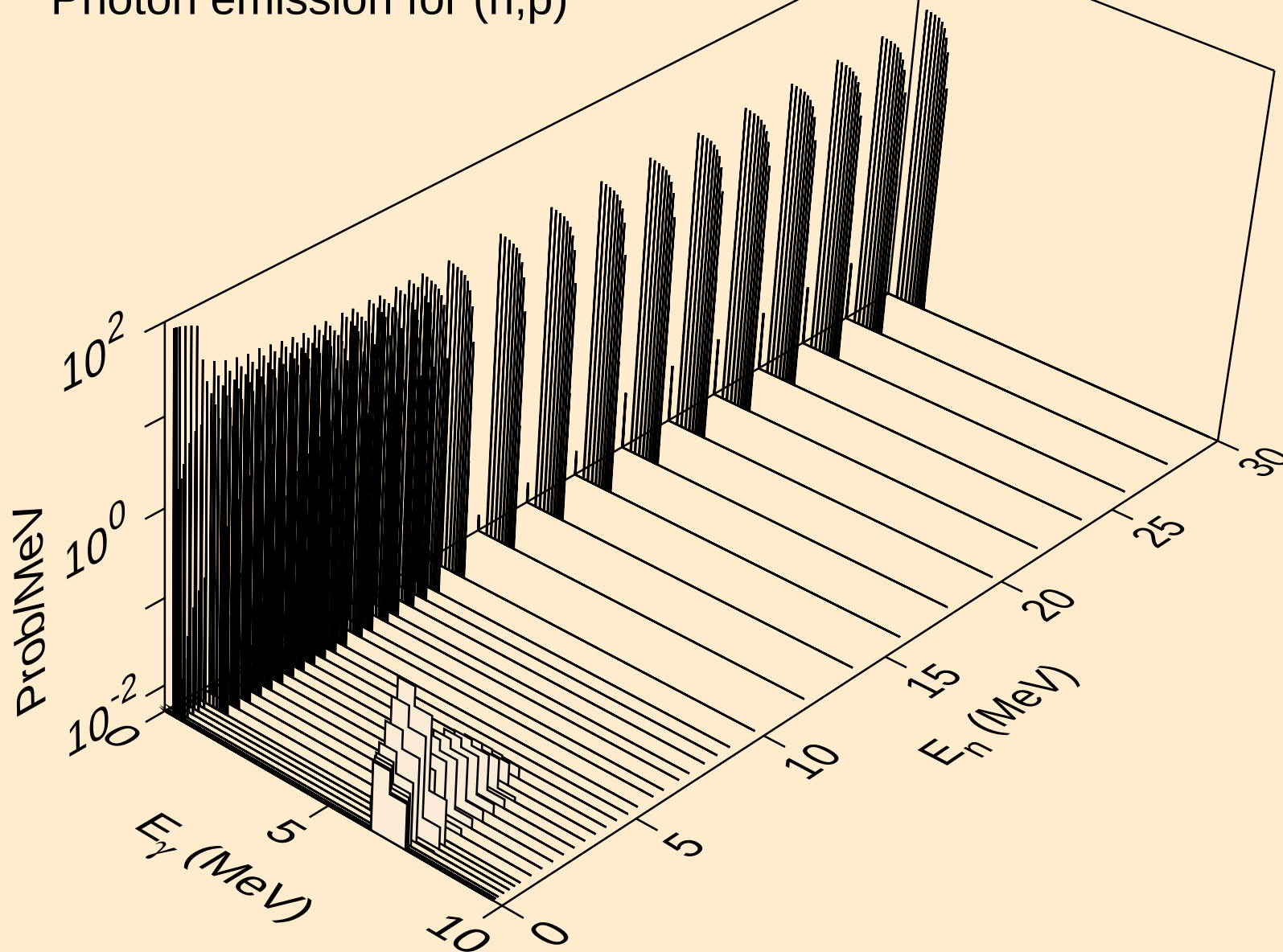
SM131 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,n^*c)



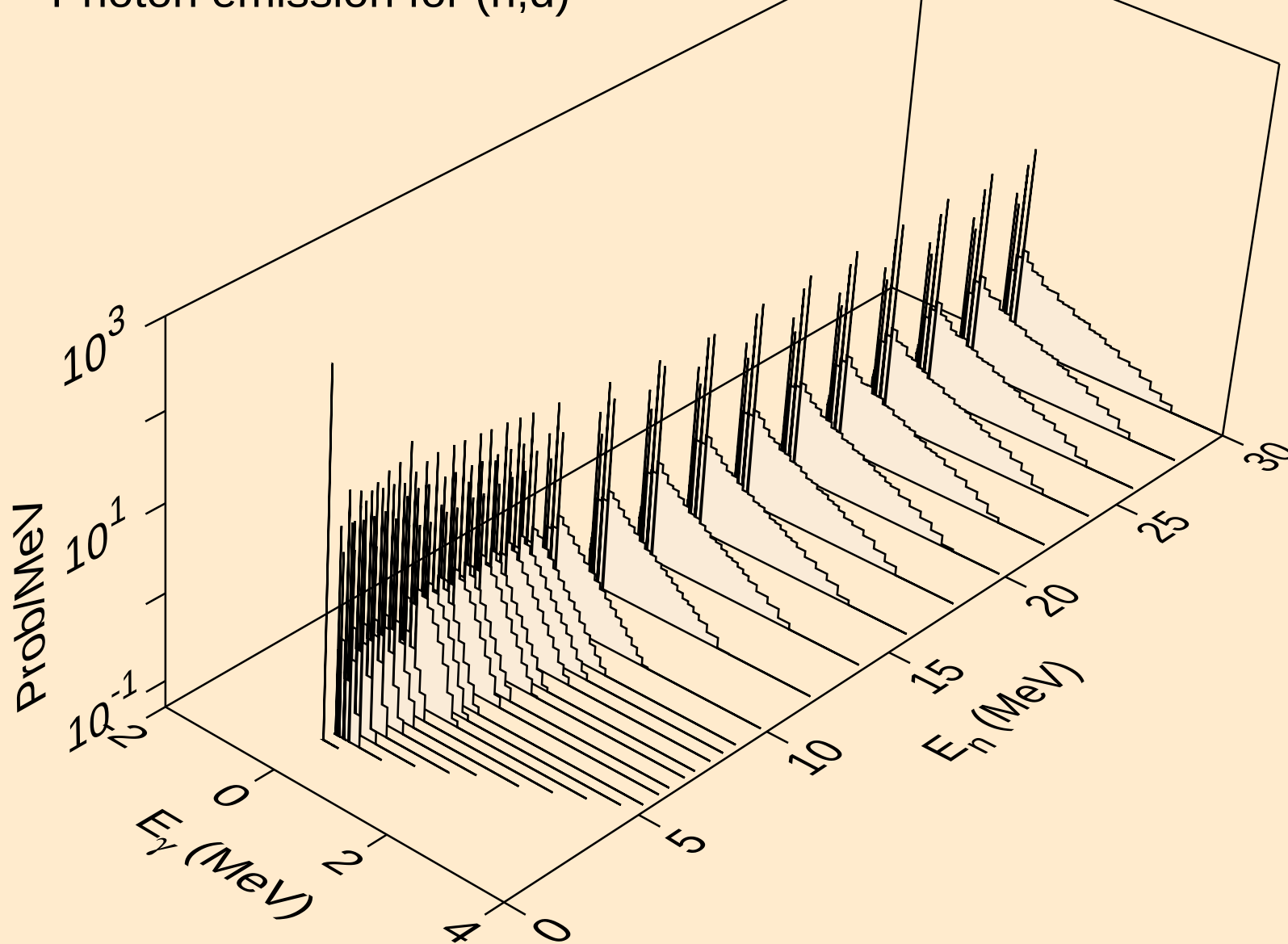
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



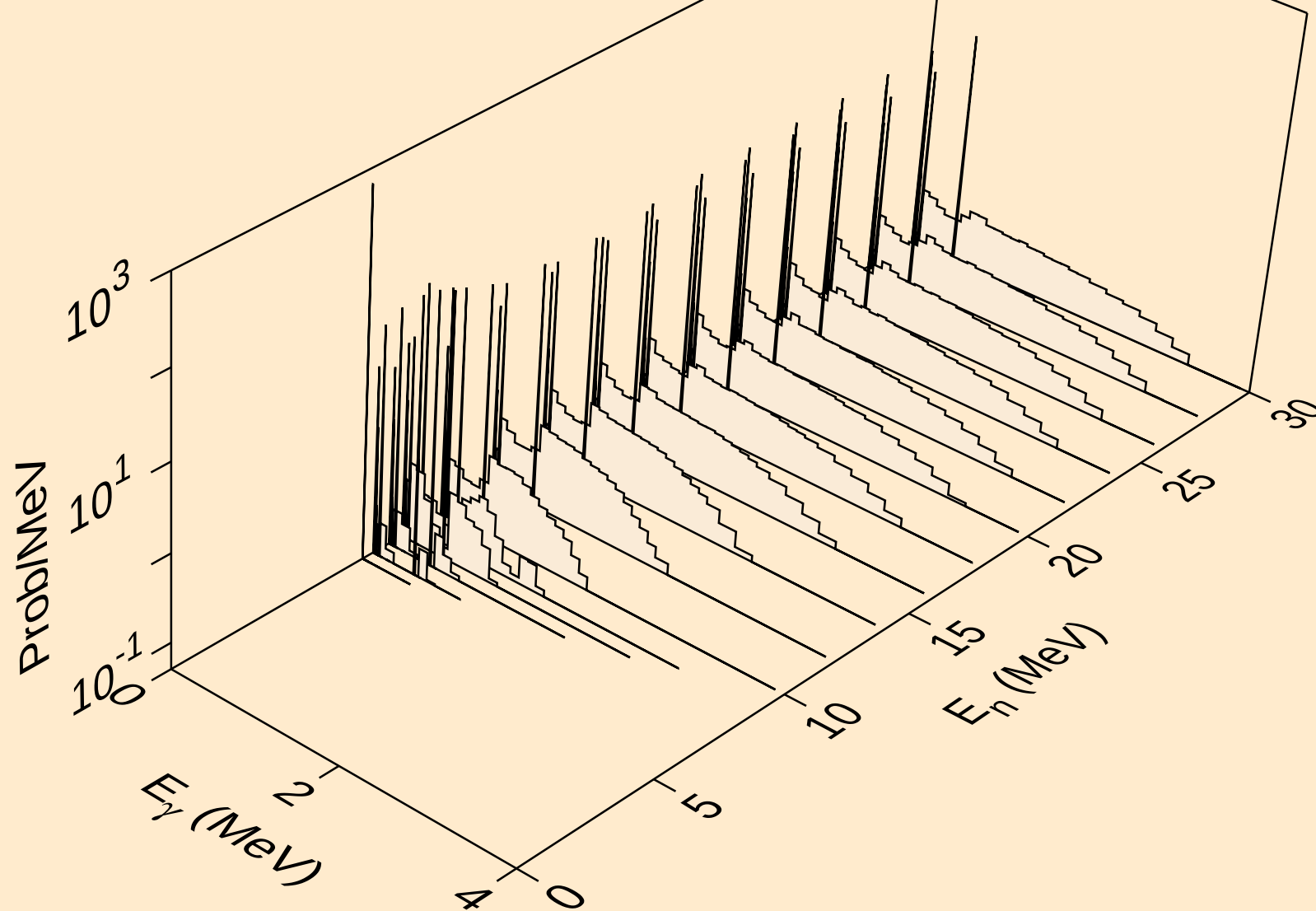
SM131 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,p)



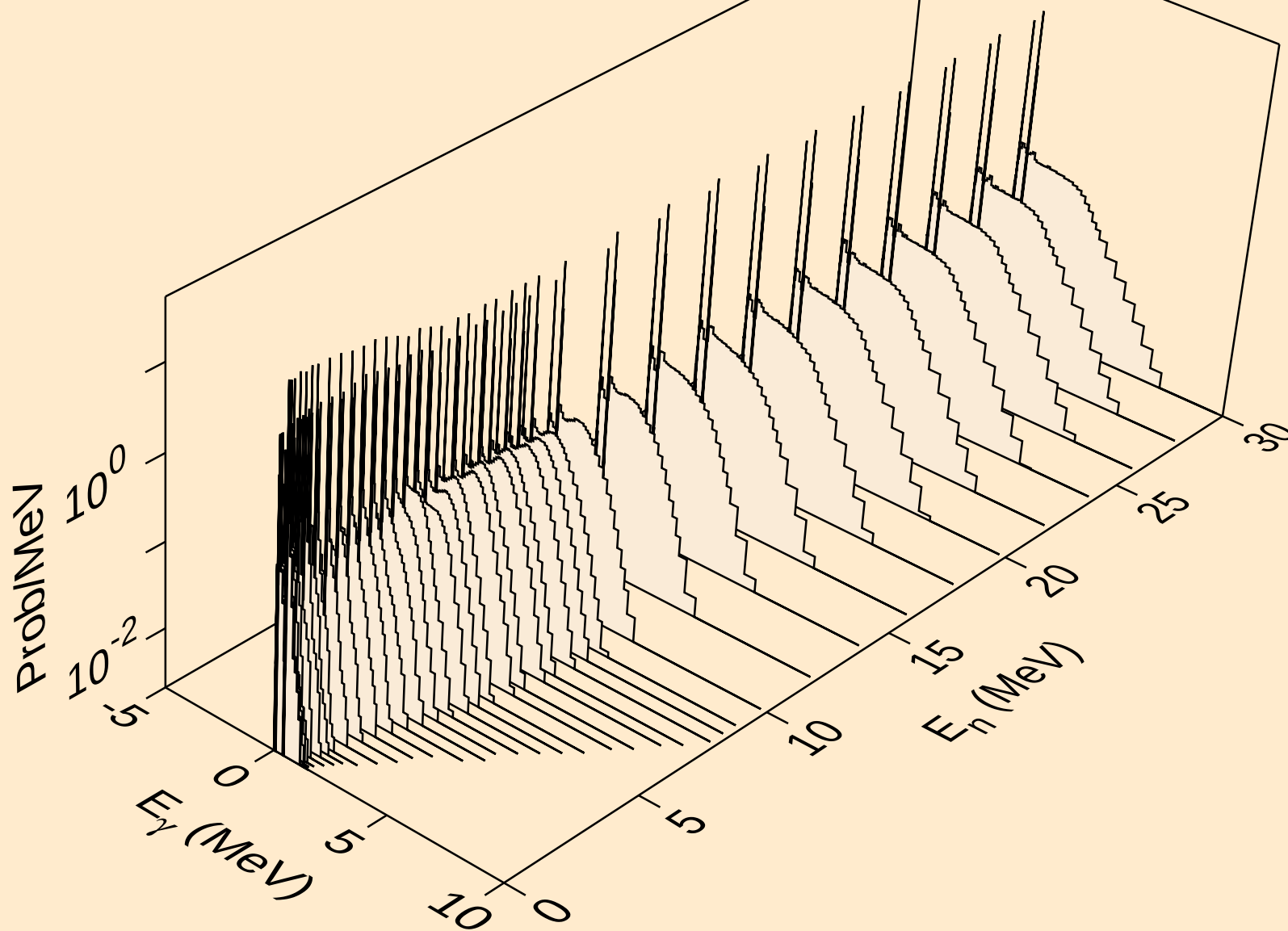
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Photon emission for (n,d)



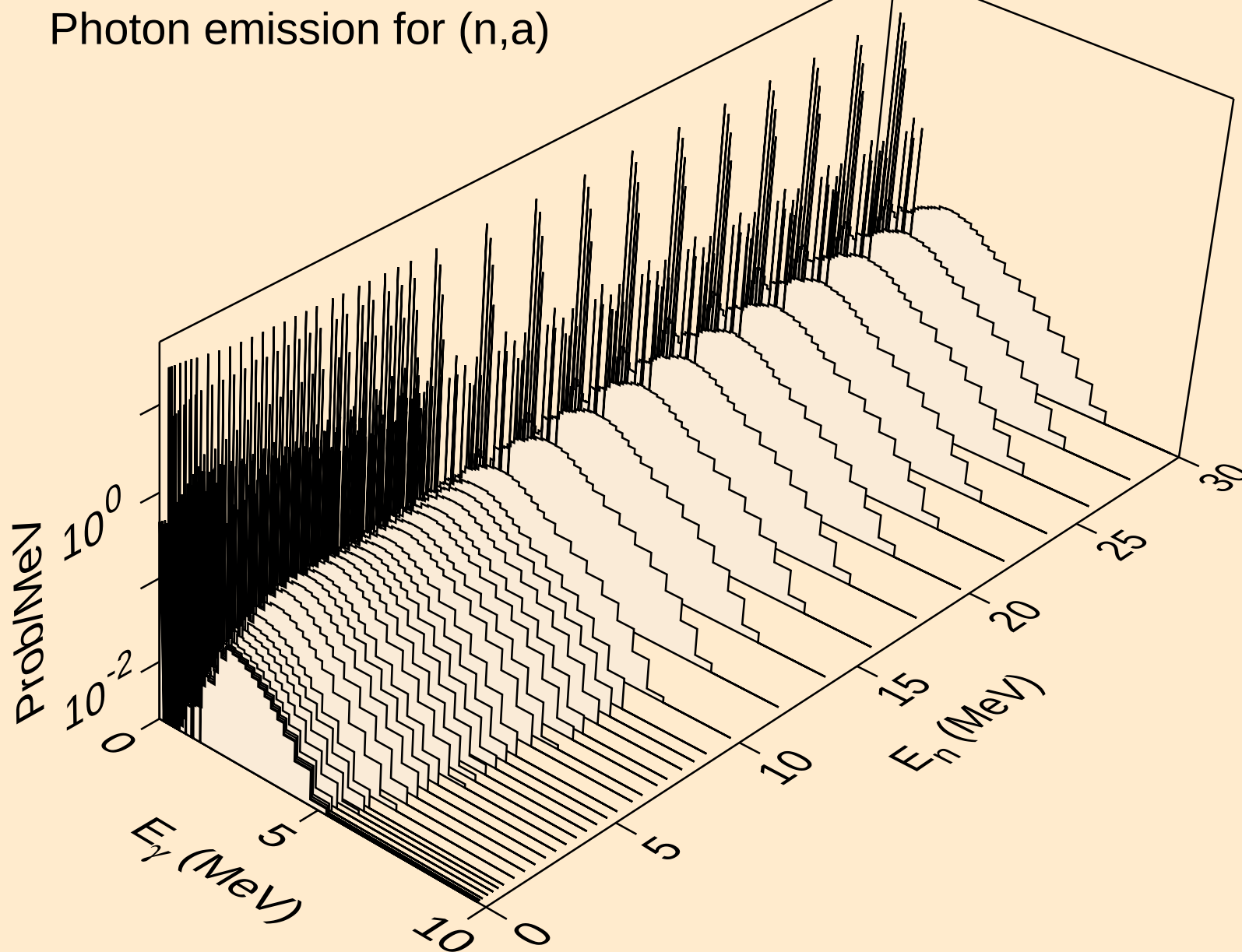
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



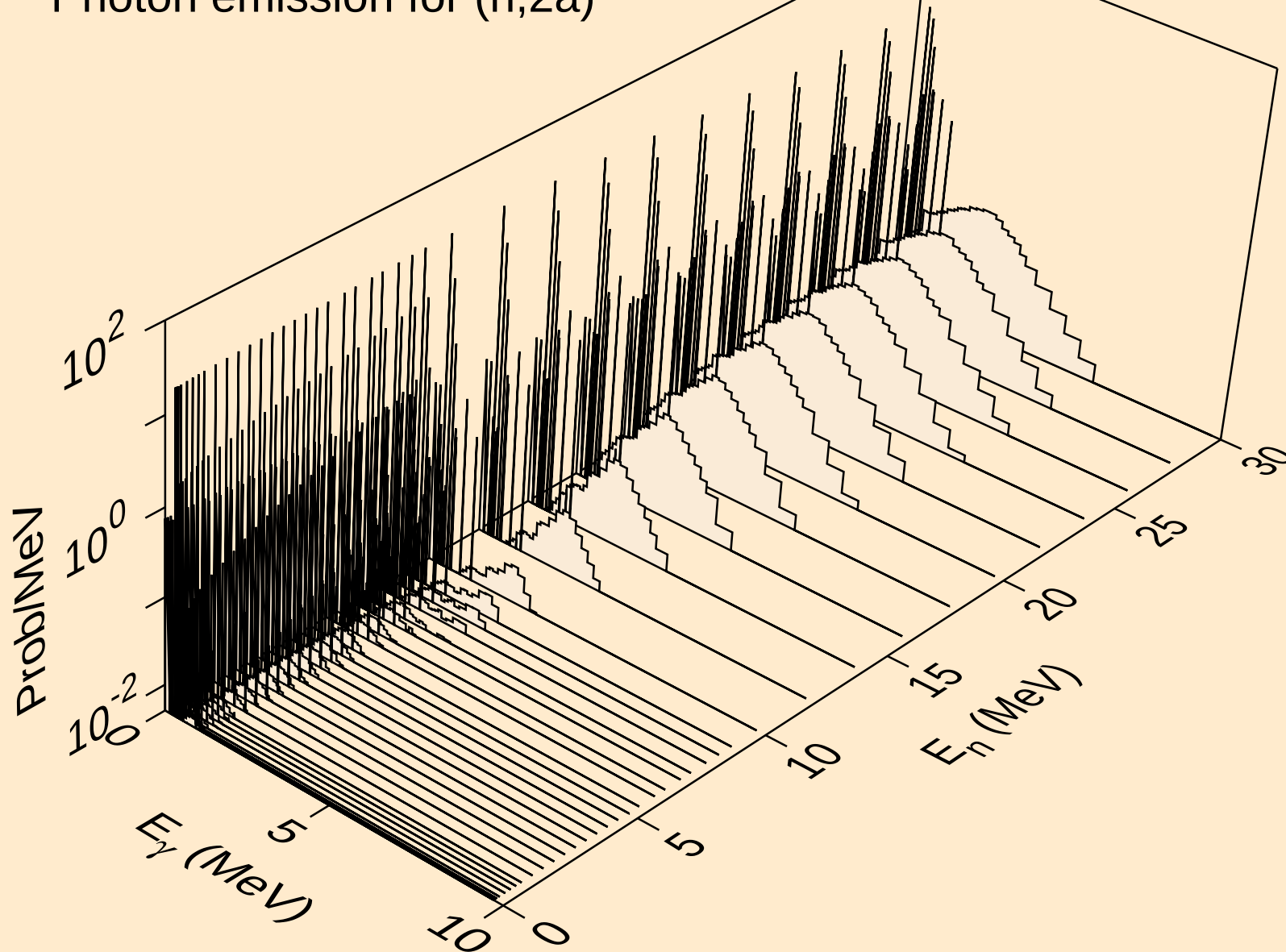
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



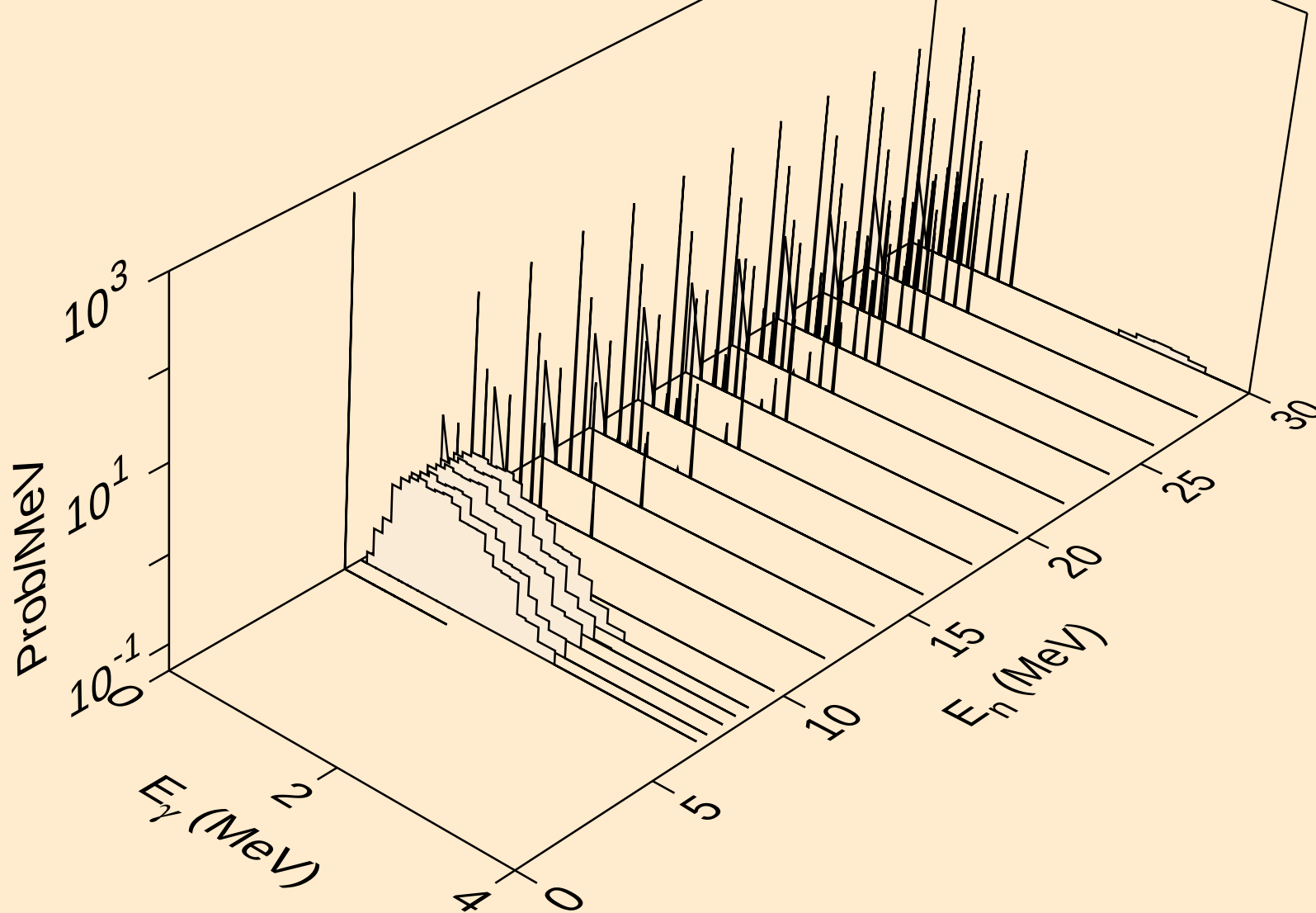
SM131 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,a)



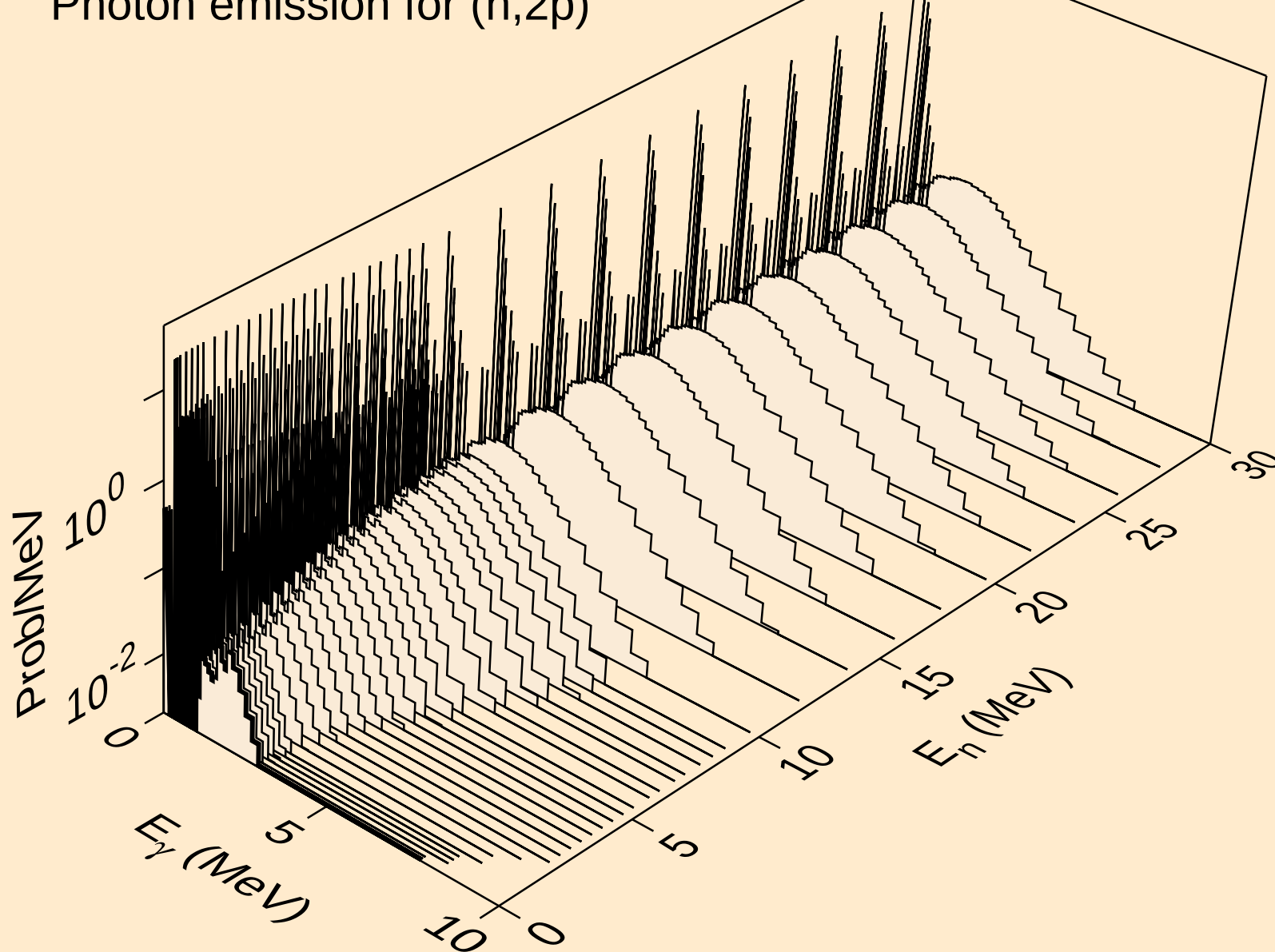
SM131 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2a)



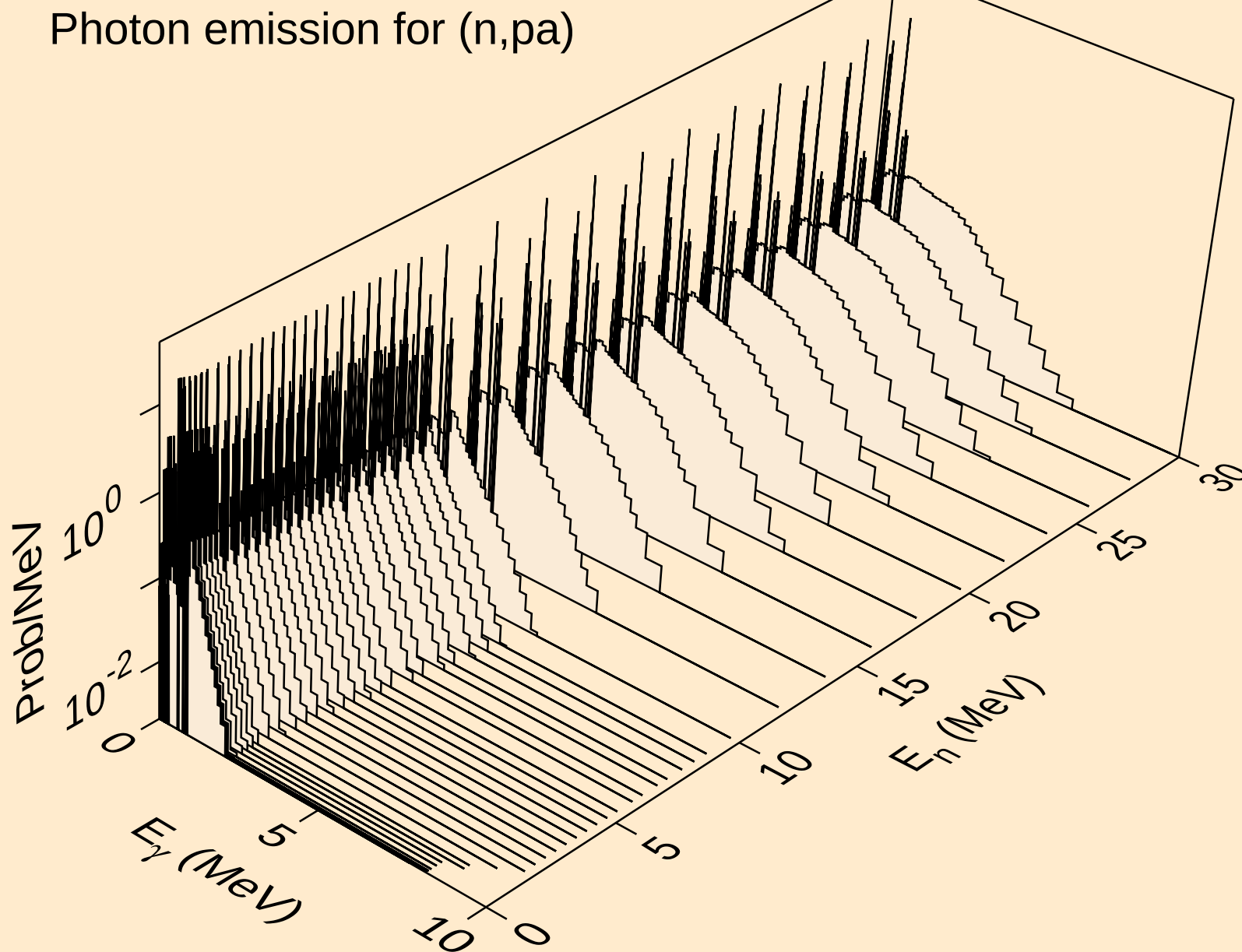
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3a)



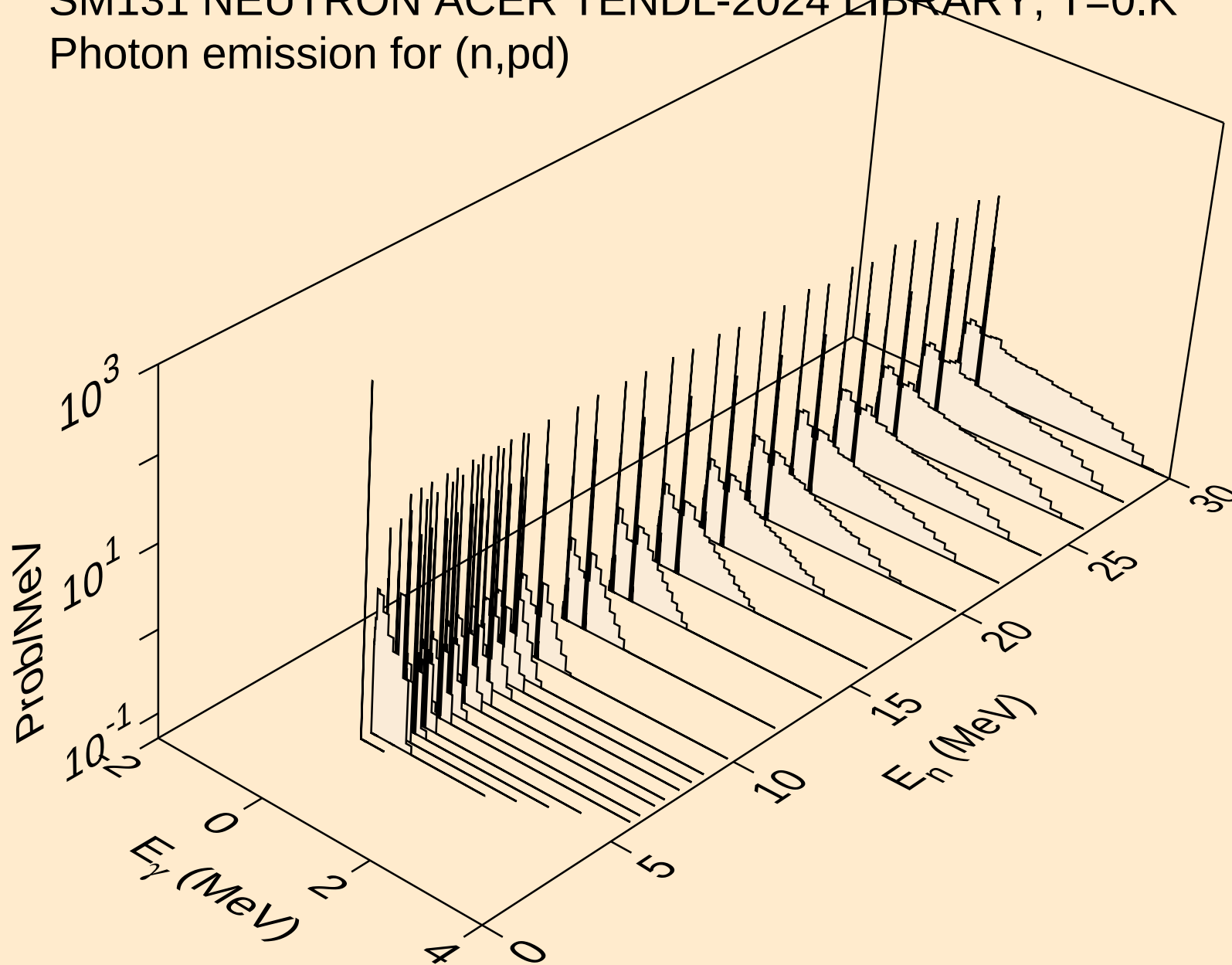
SM131 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2p)



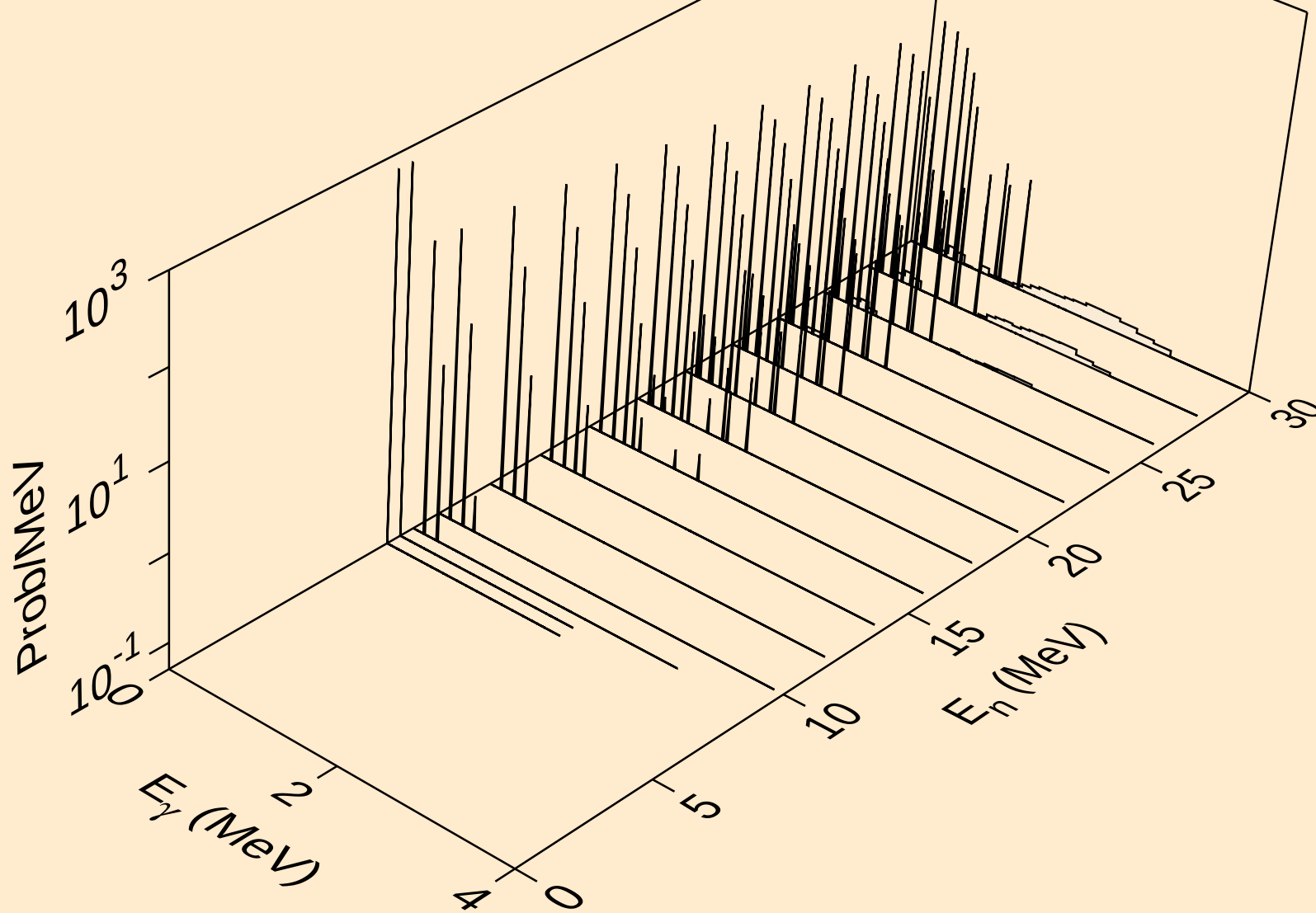
SM131 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,p α)



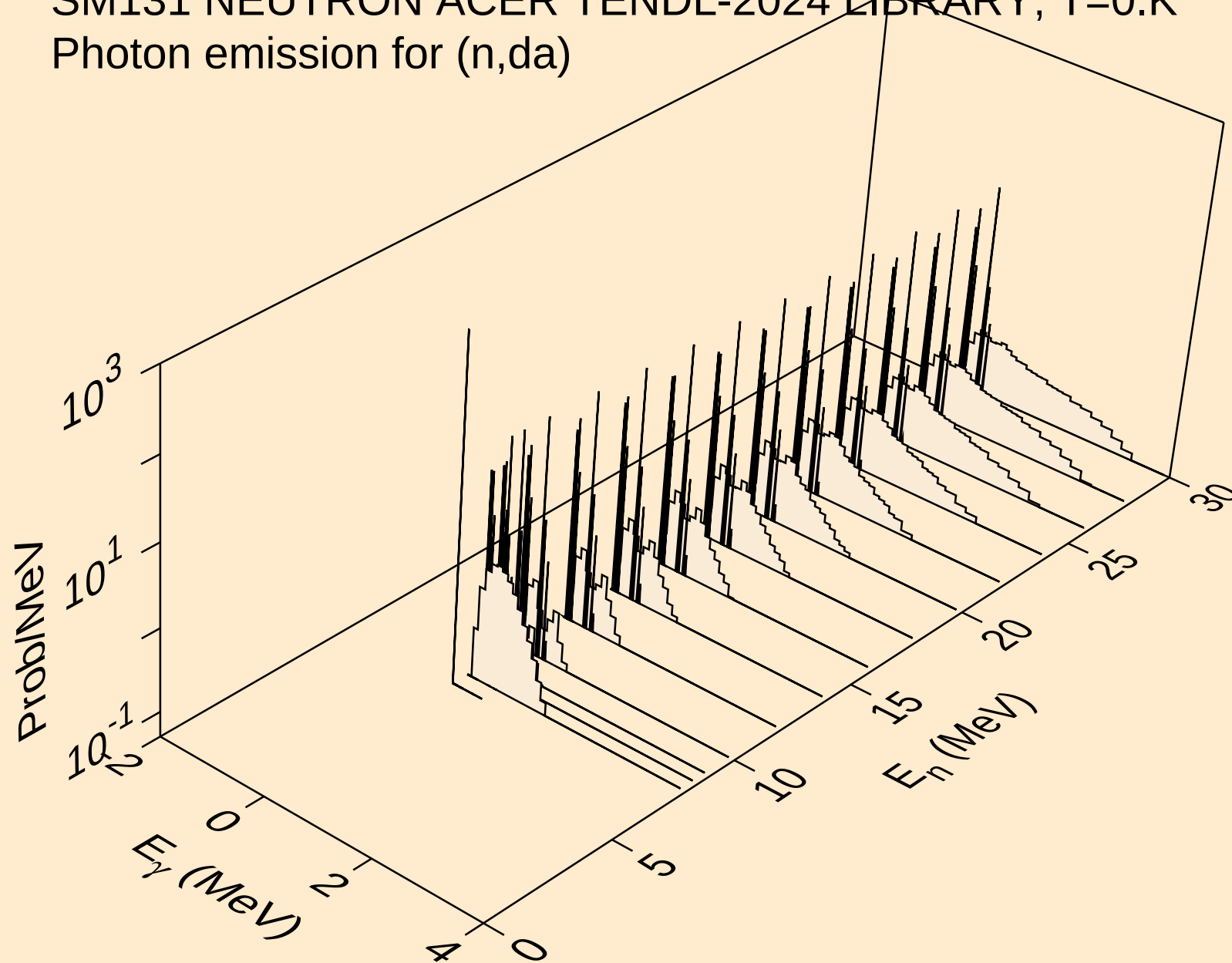
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)



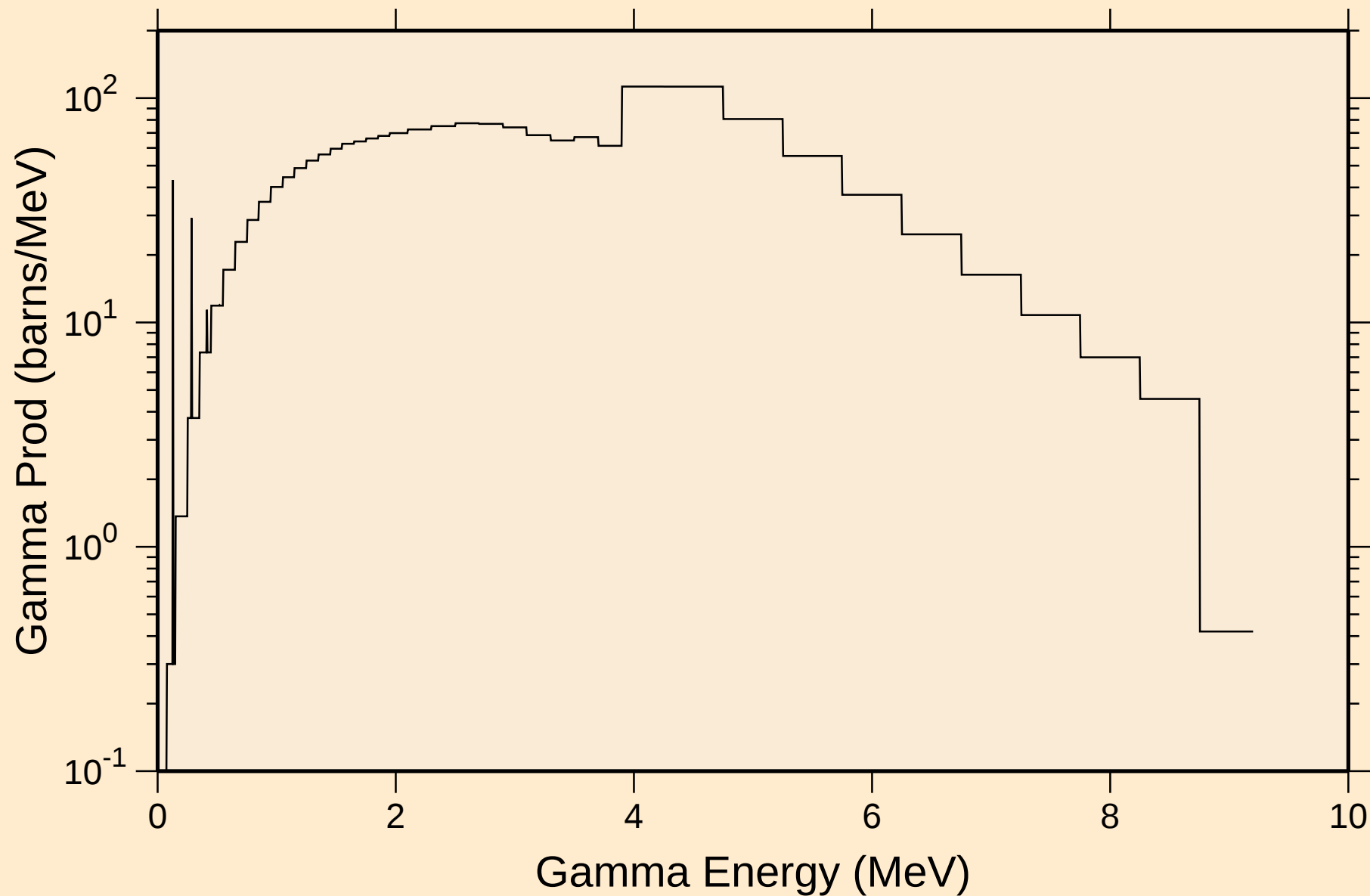
SM131 NEUTRON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,pt)



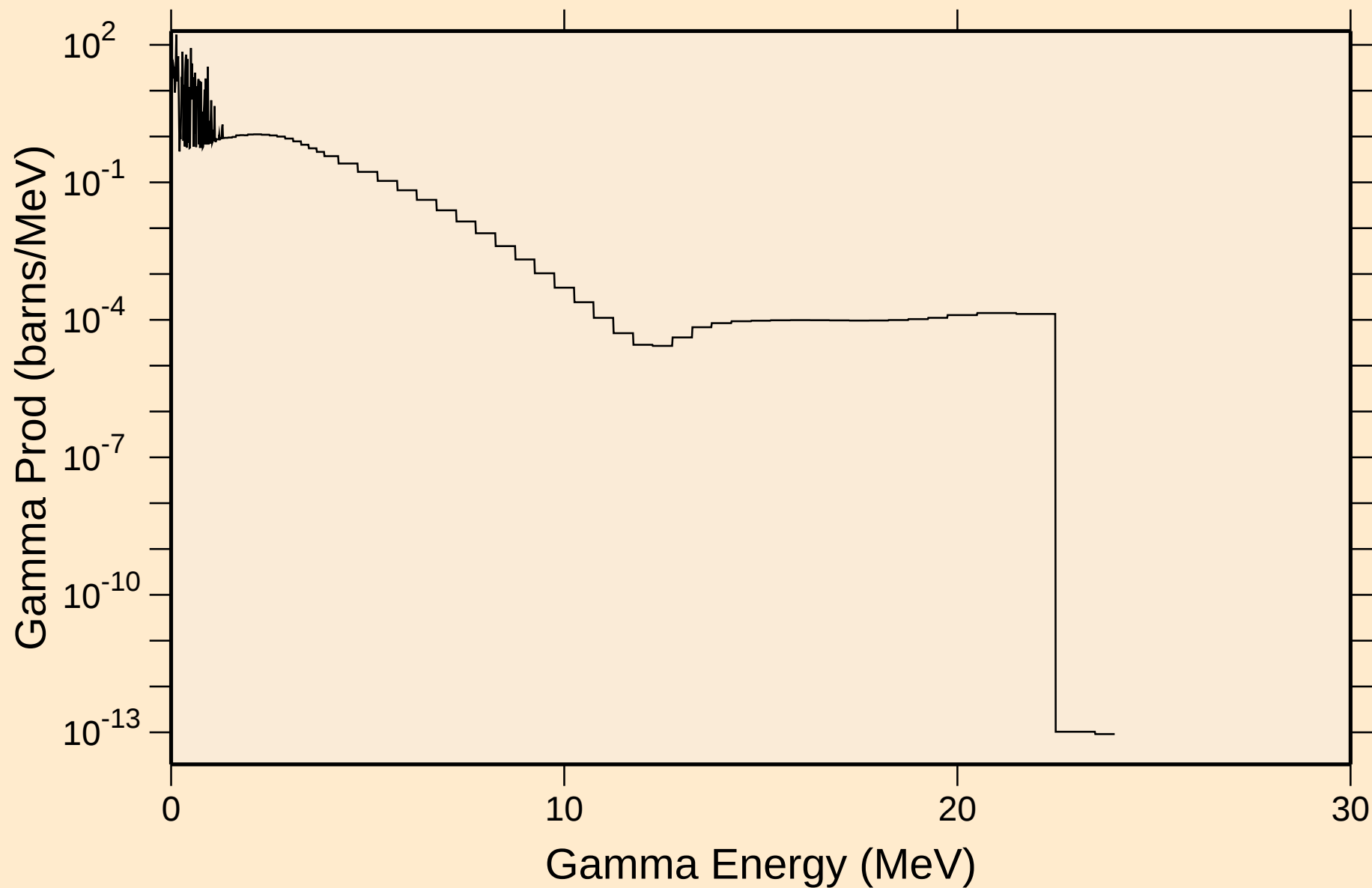
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
thermal capture photon spectrum

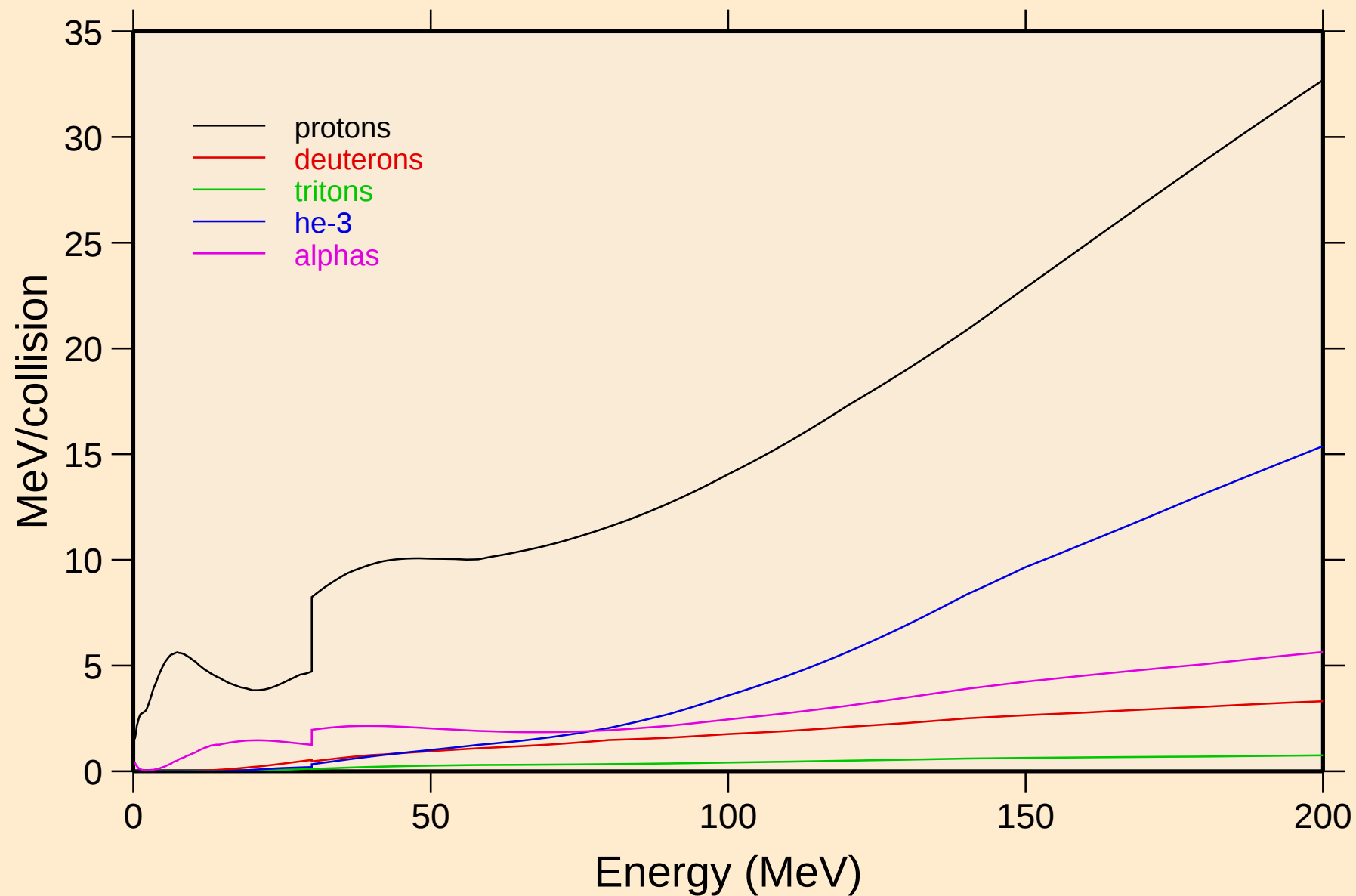


SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
14 MeV photon spectrum



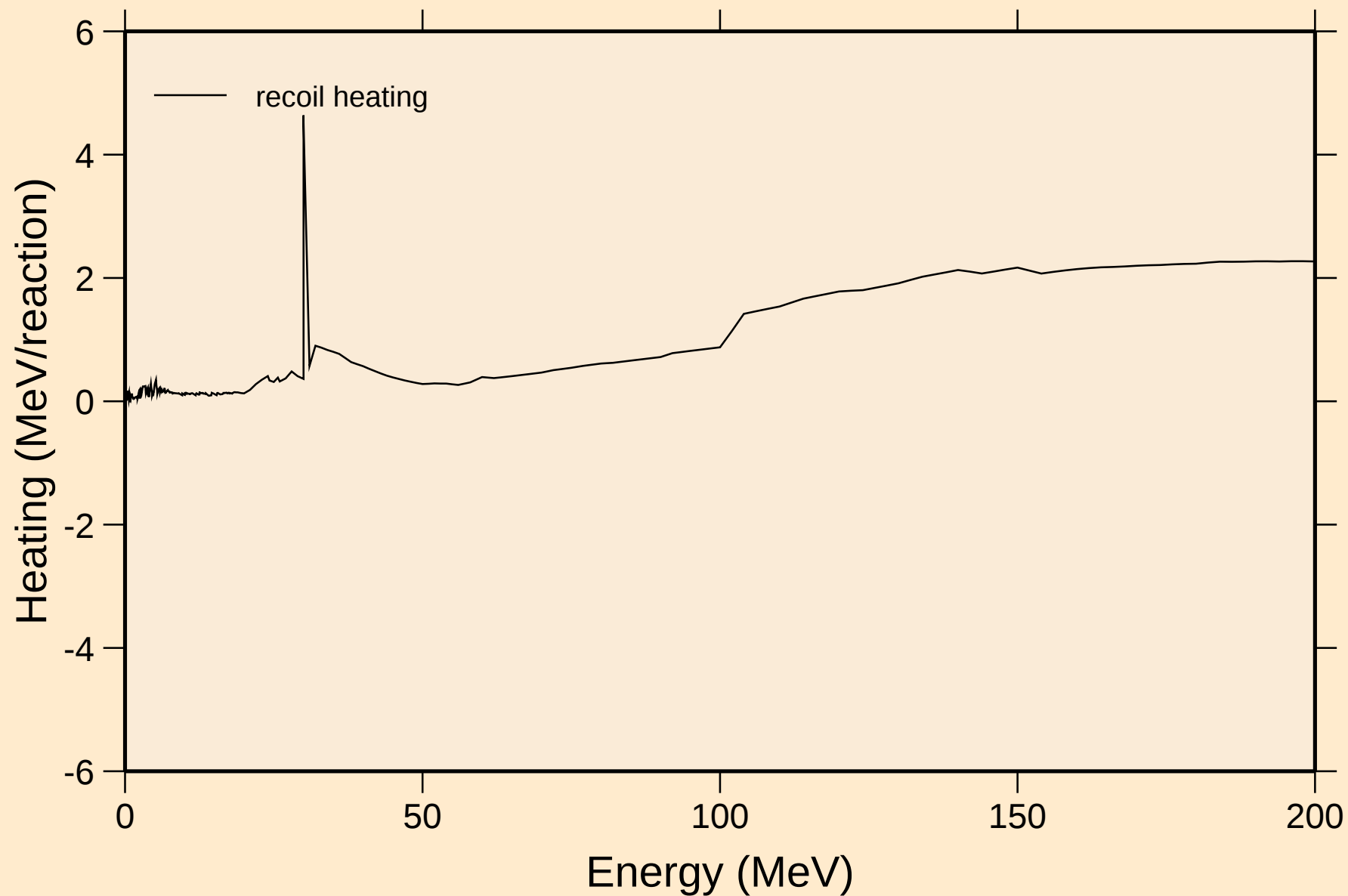
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions



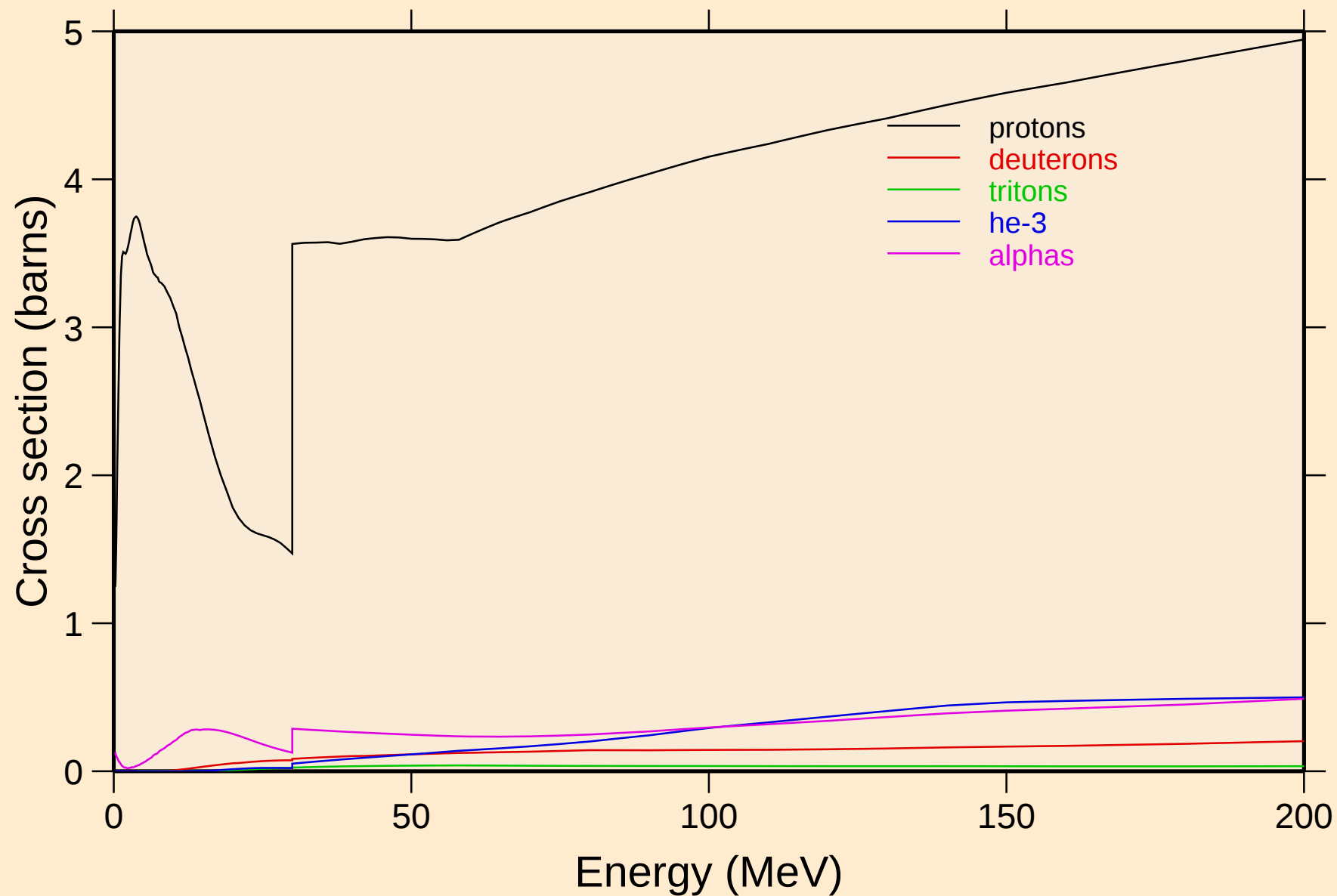
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

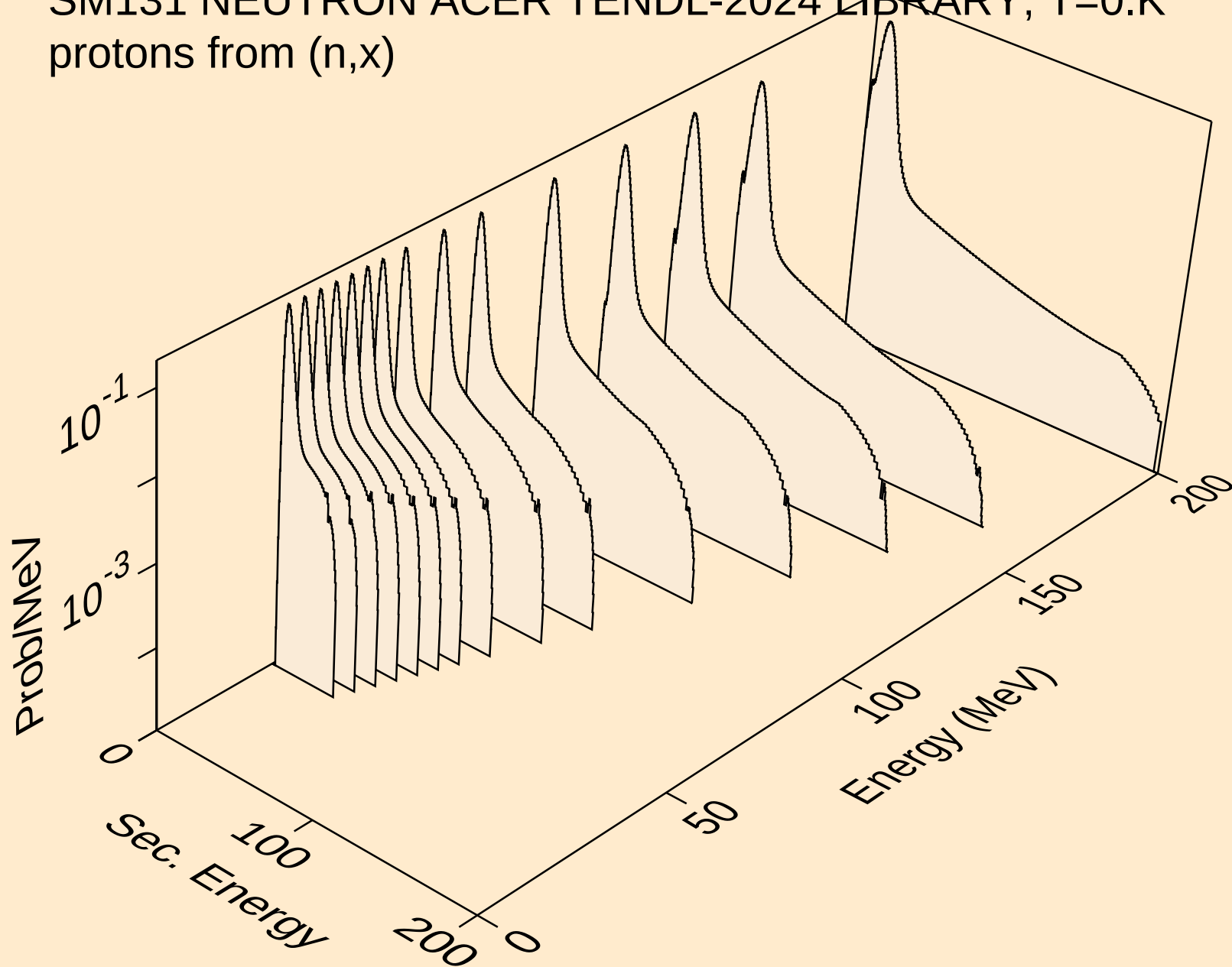


SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

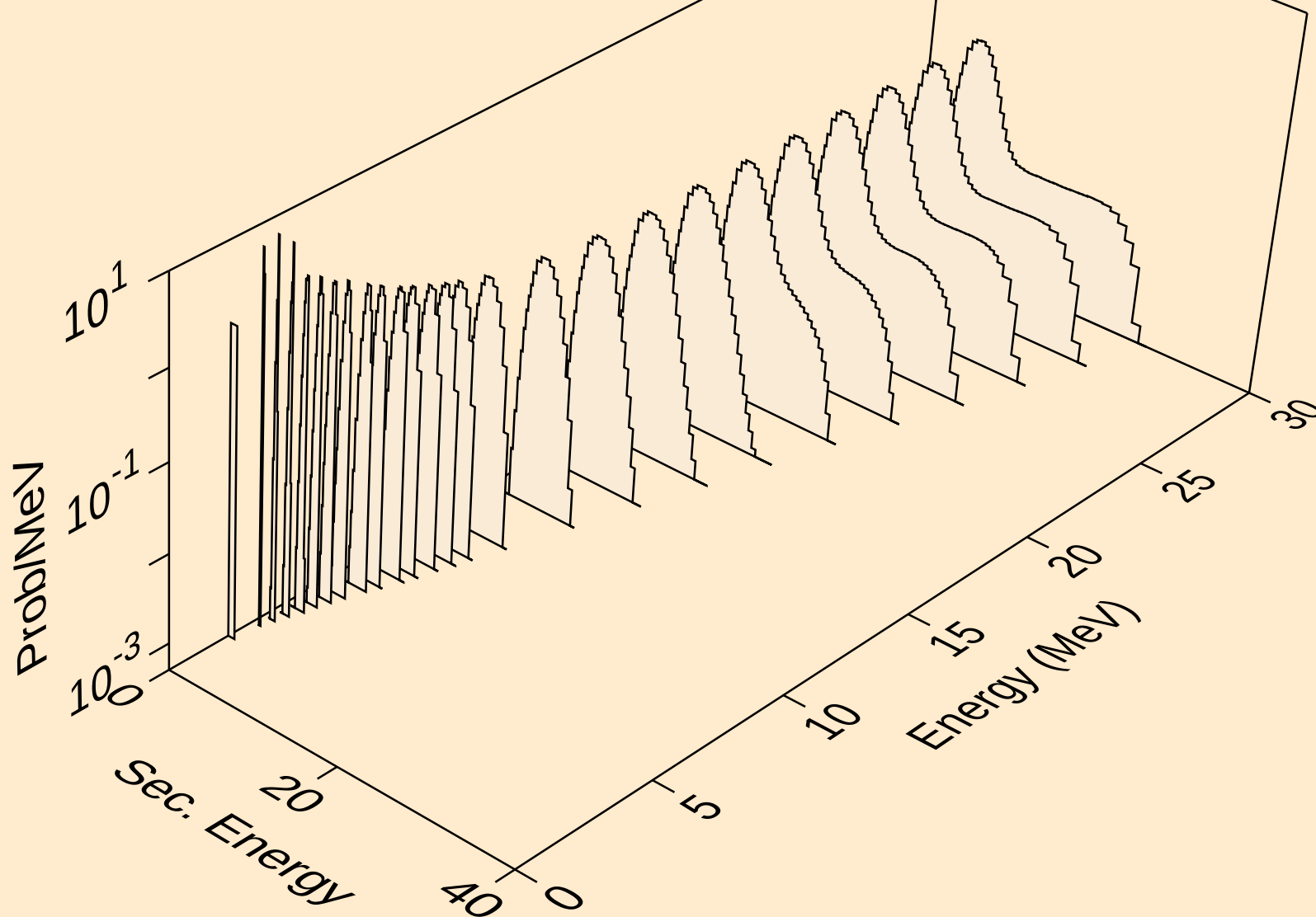
Particle production cross sections



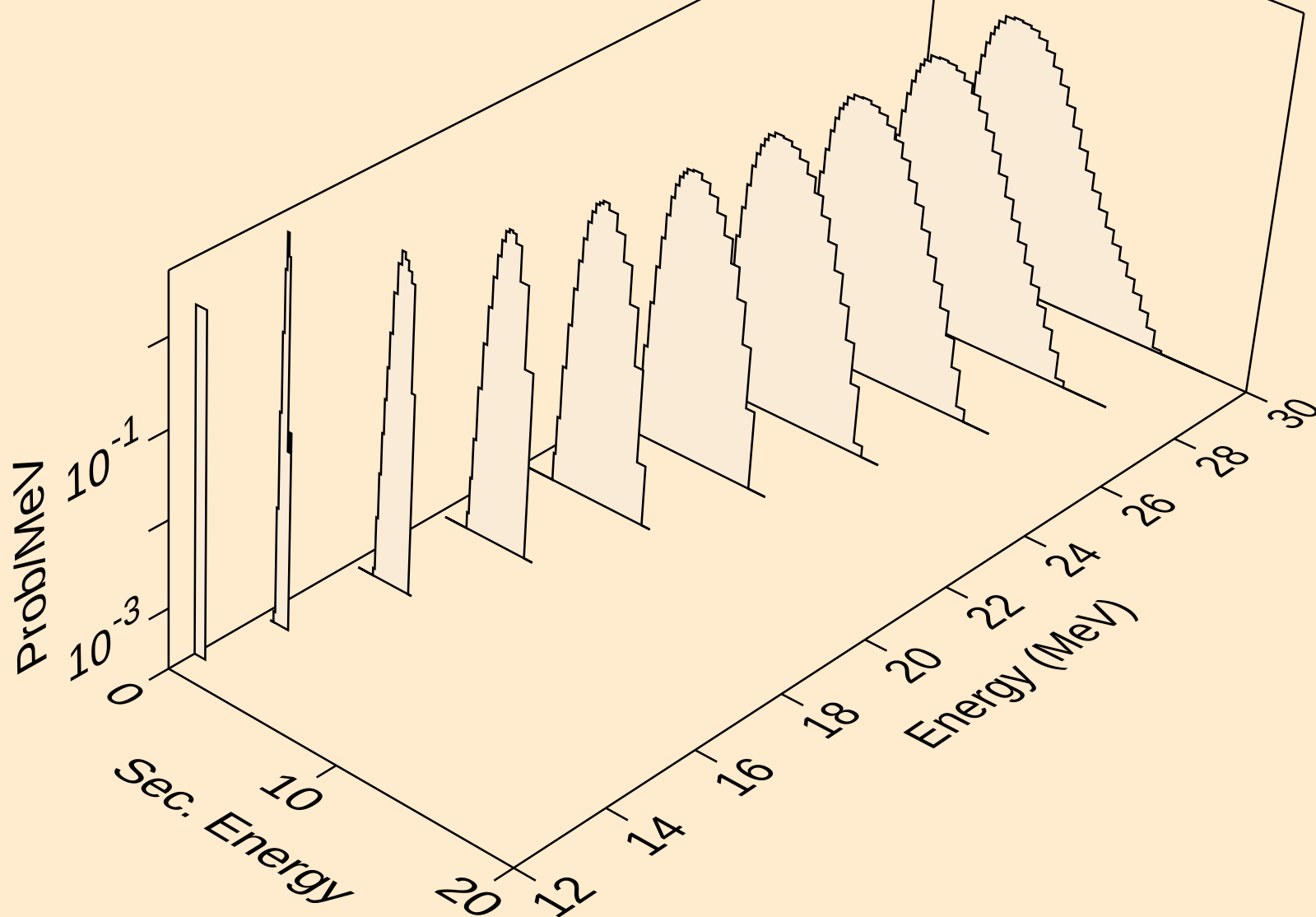
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,x)



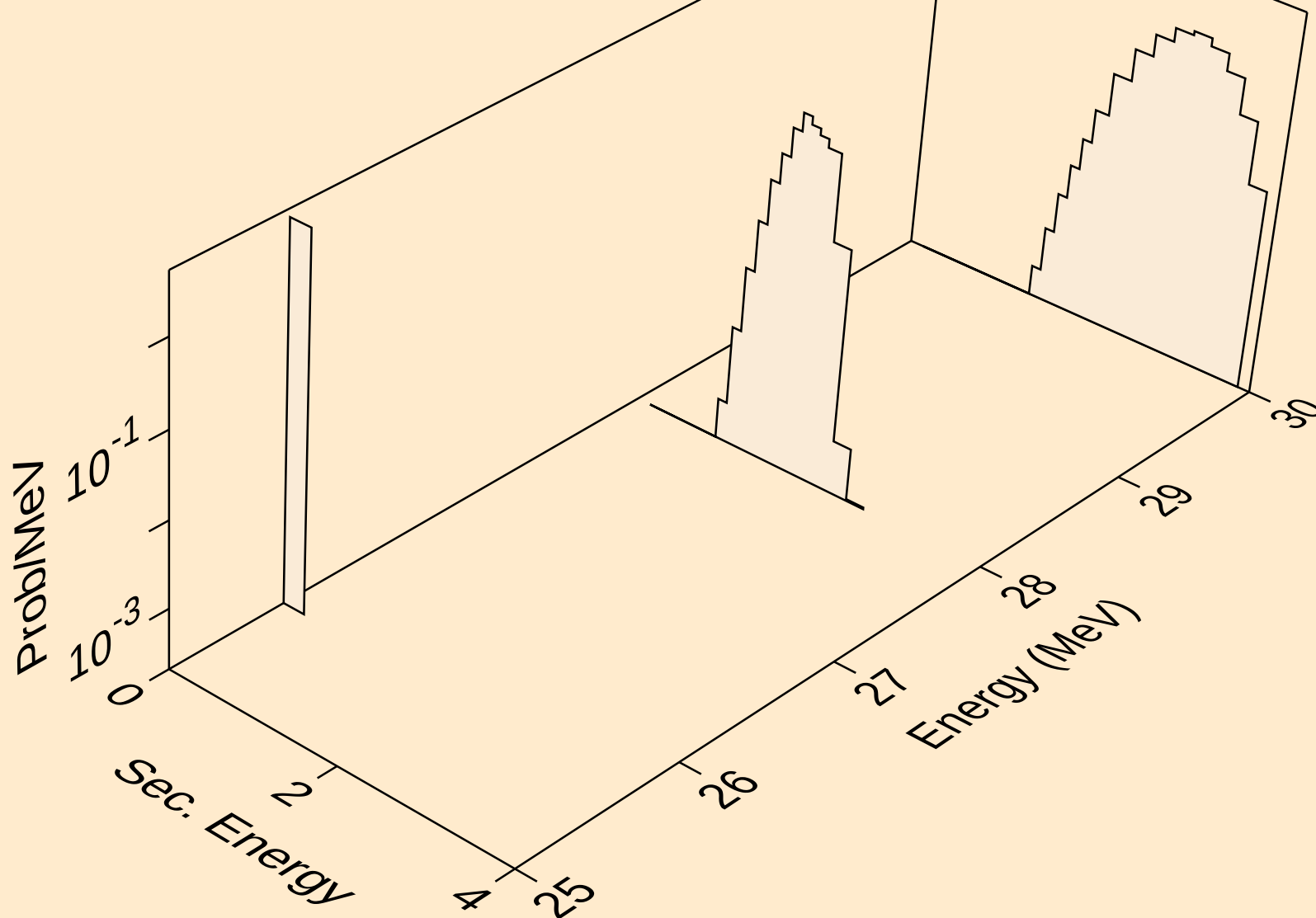
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n*)p



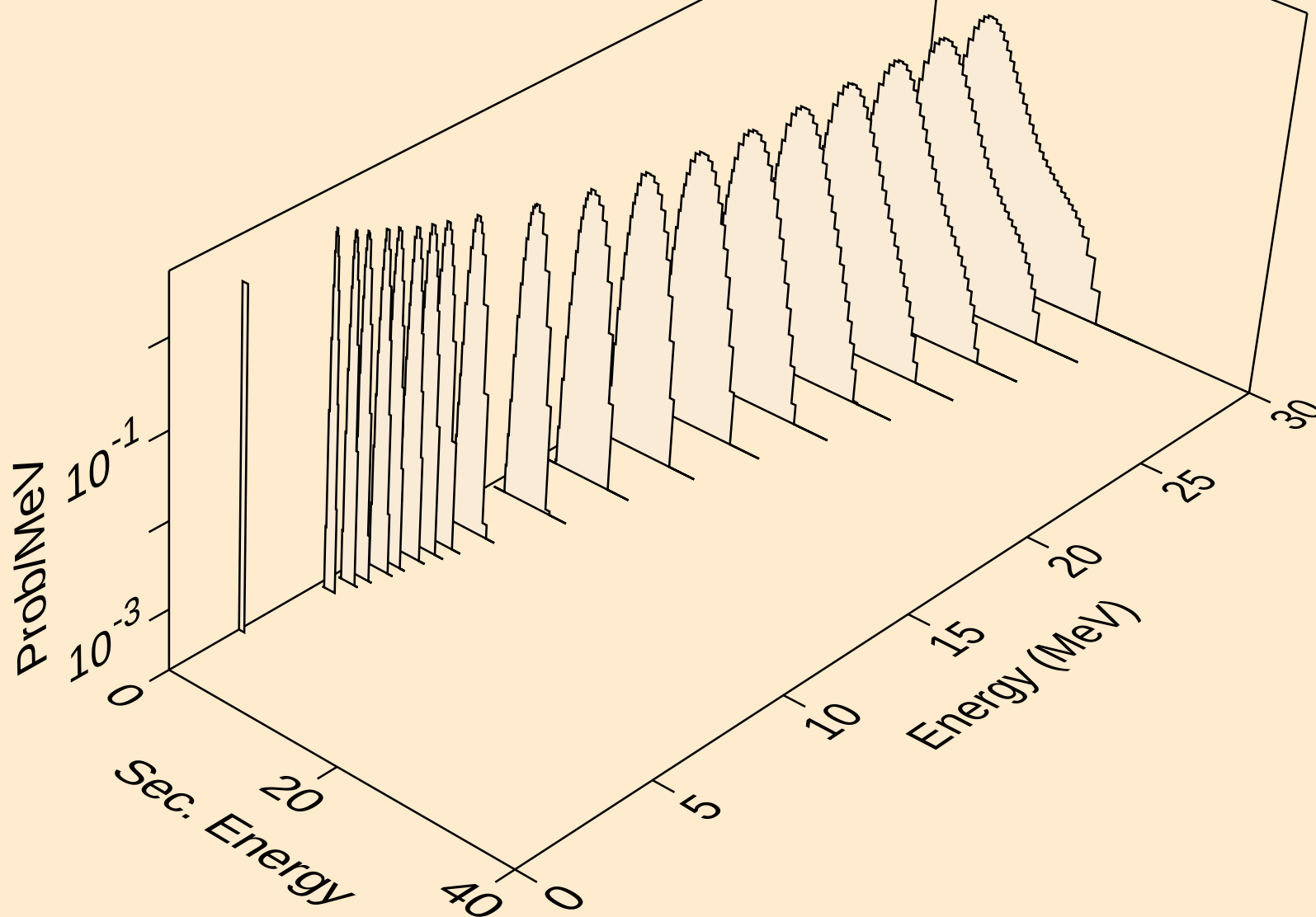
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,2np)



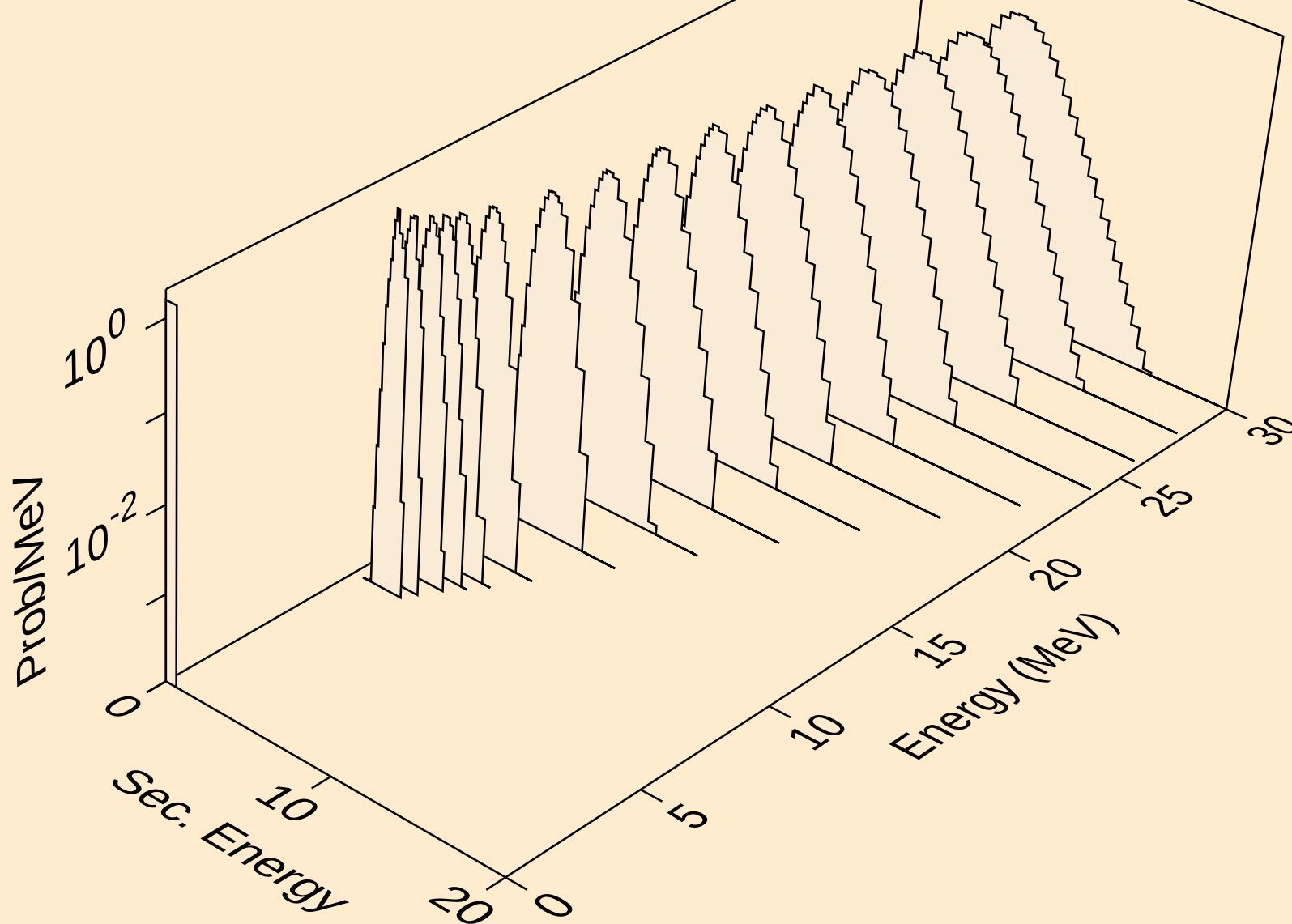
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protons from (n,3np)



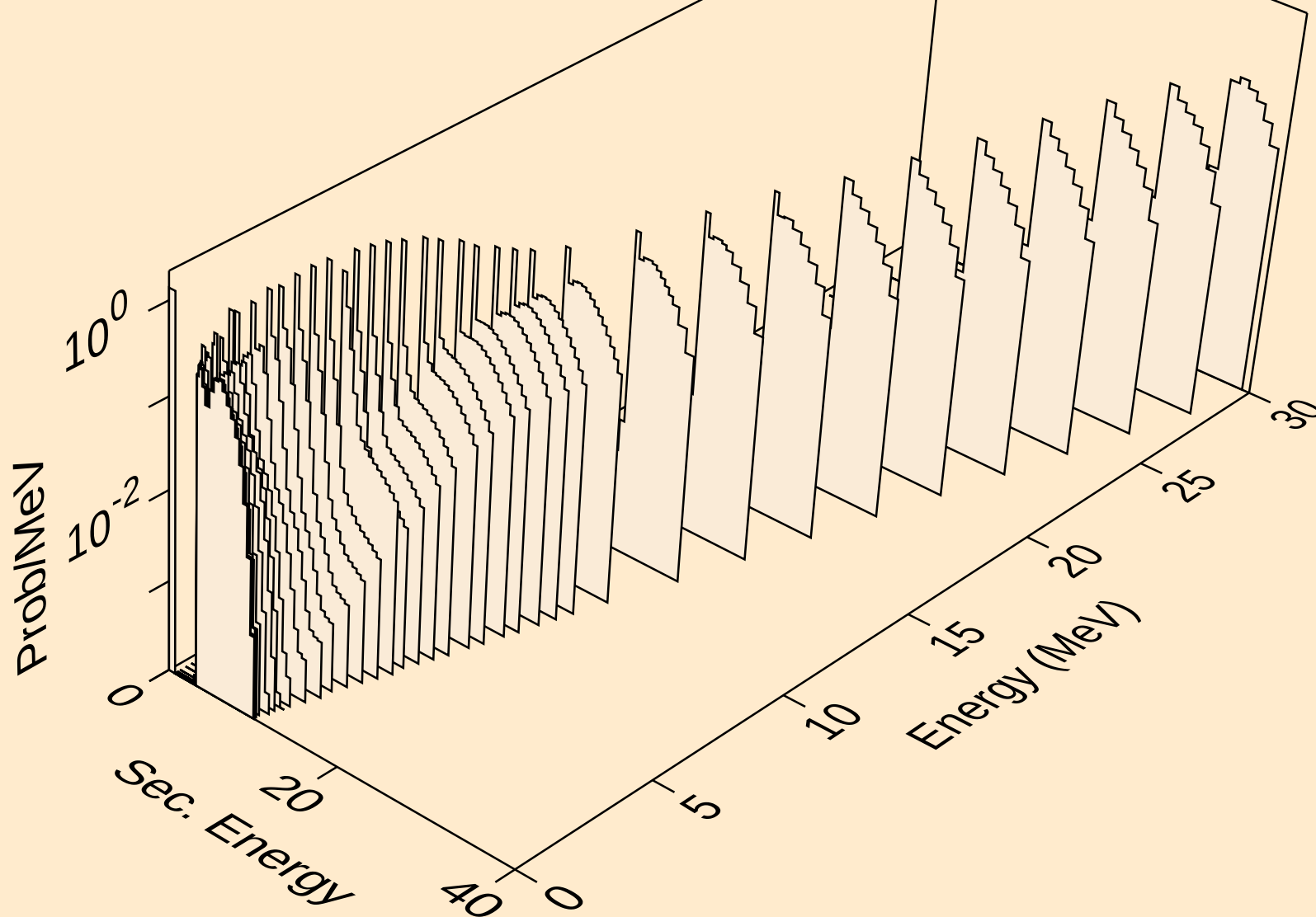
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protons from (n,n2p)



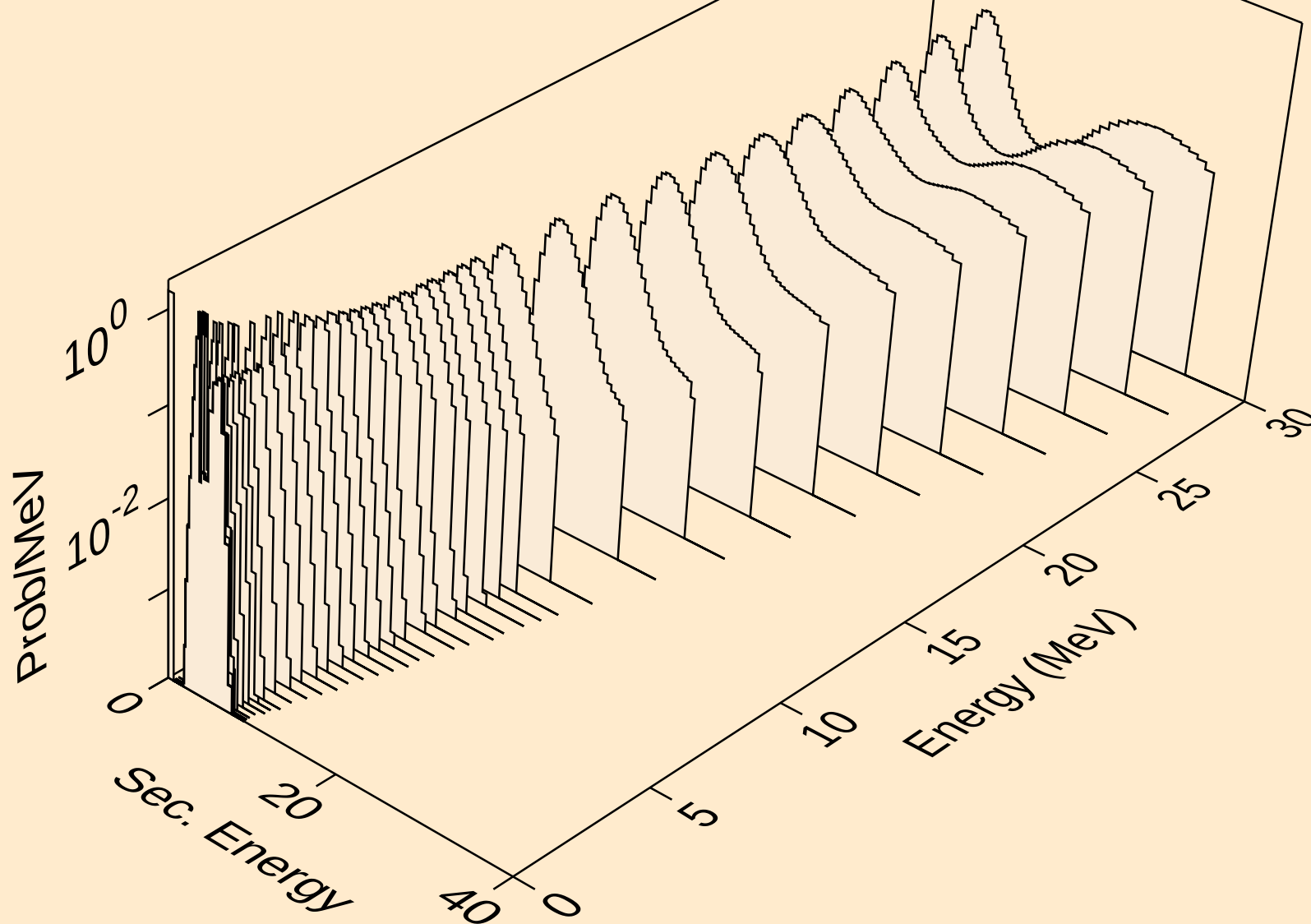
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protons from (n,npa)



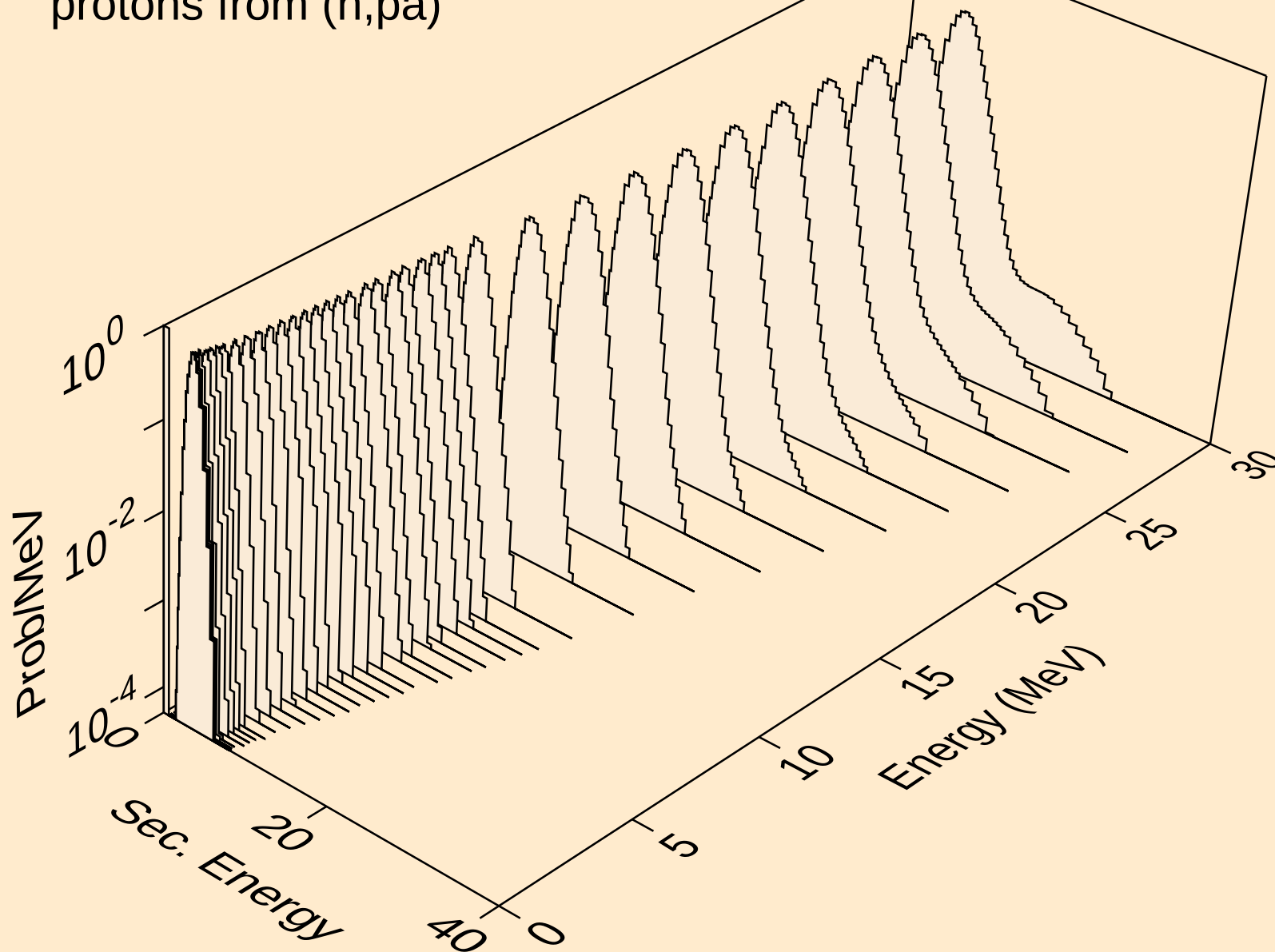
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,p)



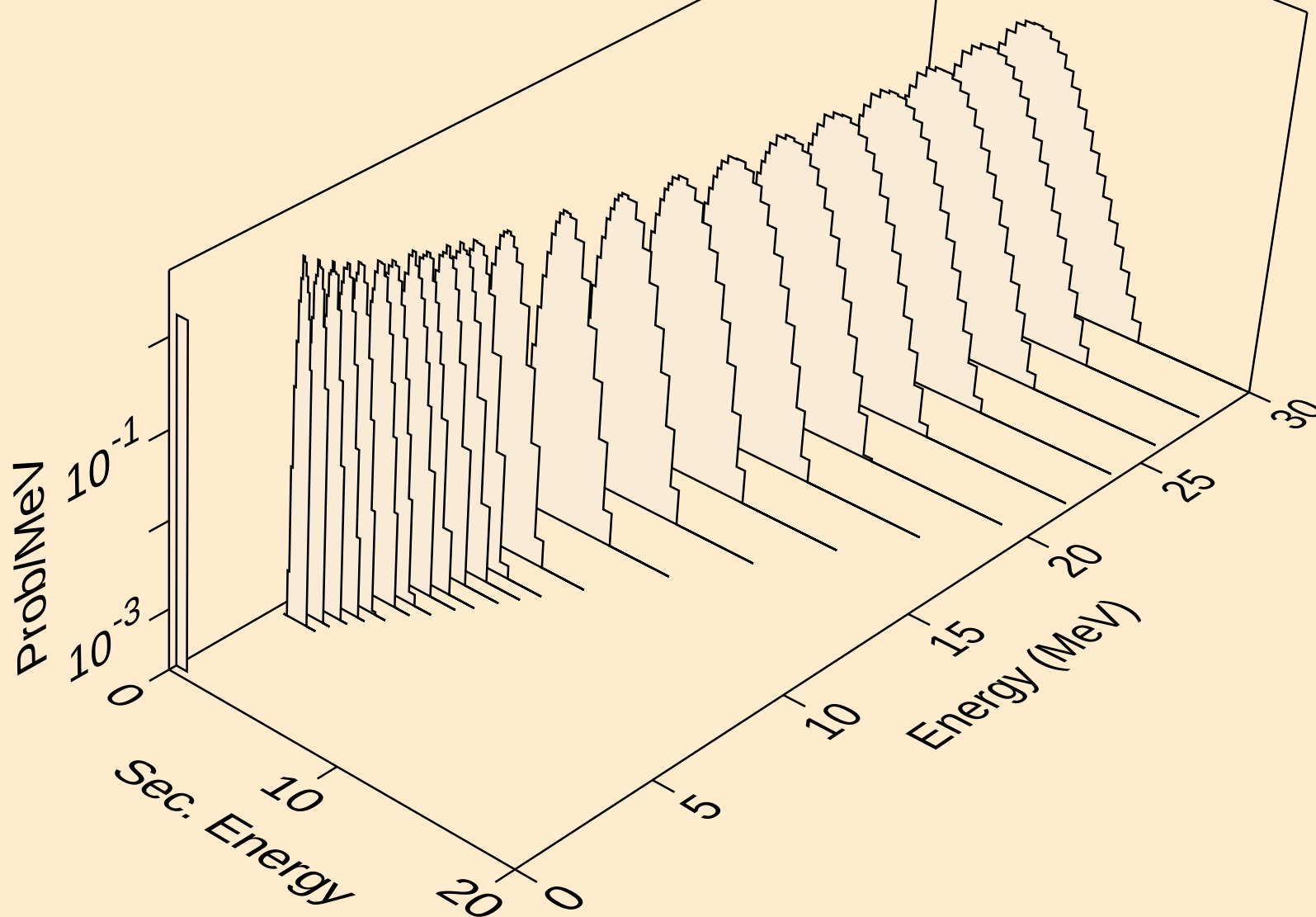
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protons from (n,2p)



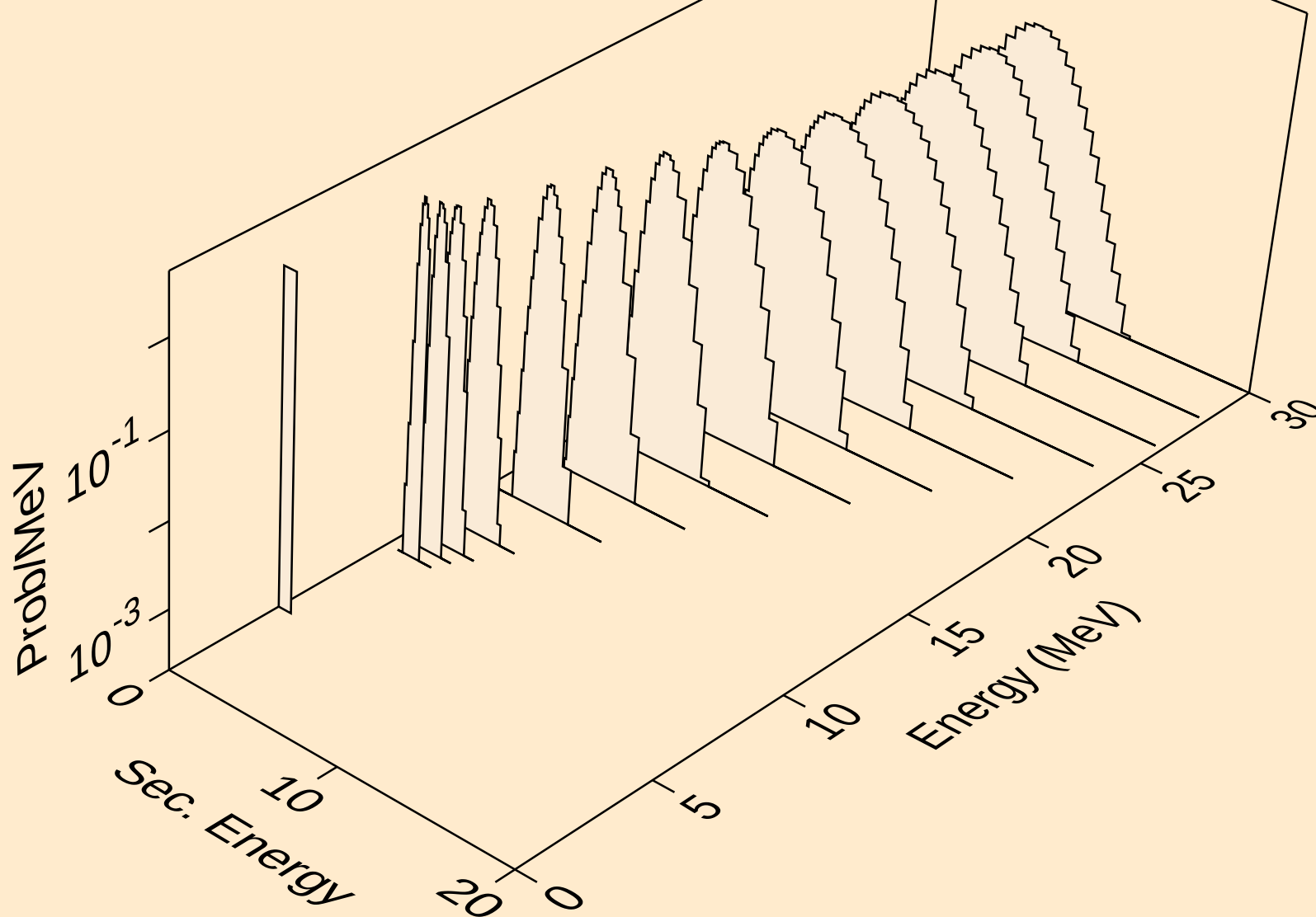
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protons from (n,p)



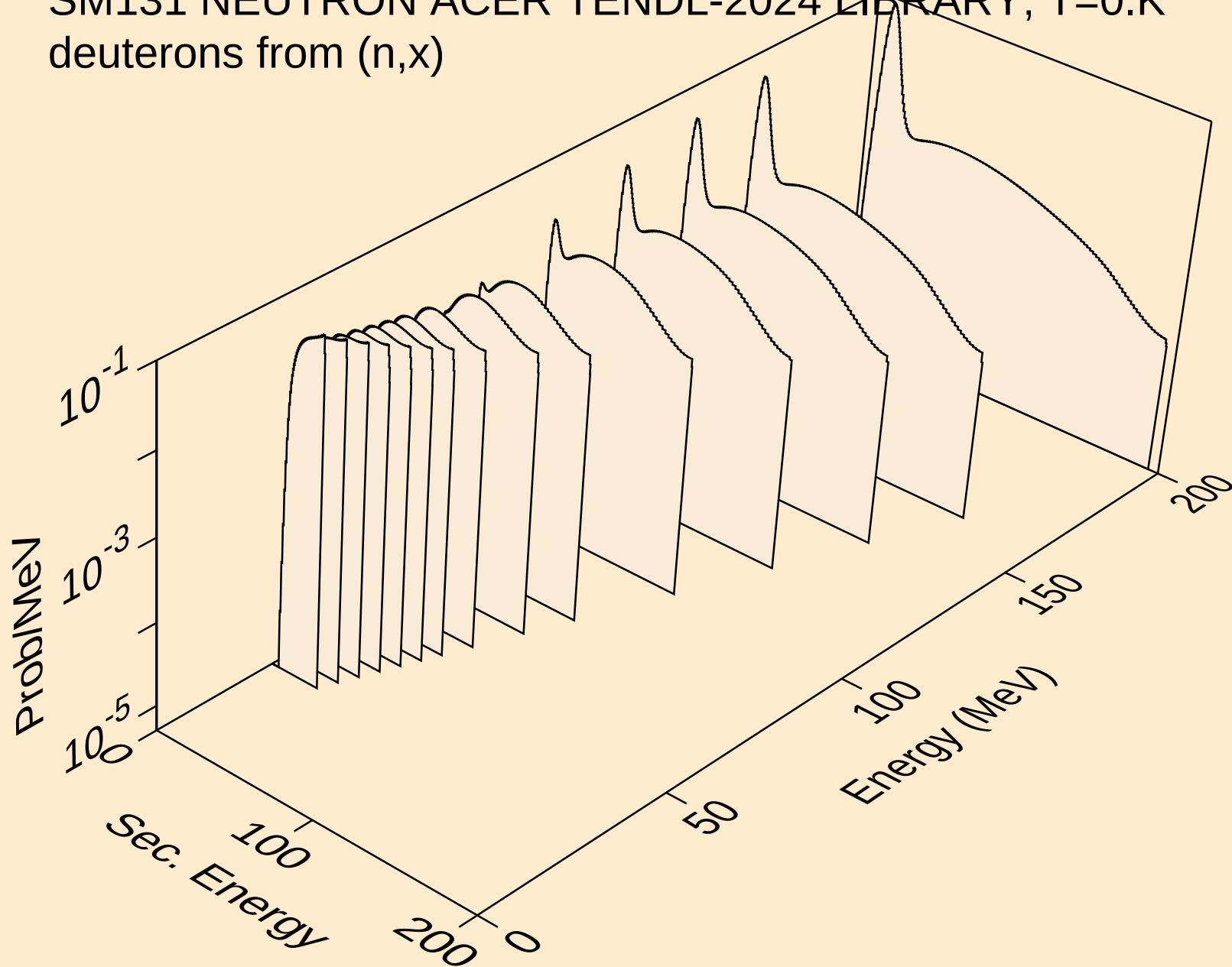
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,pd)



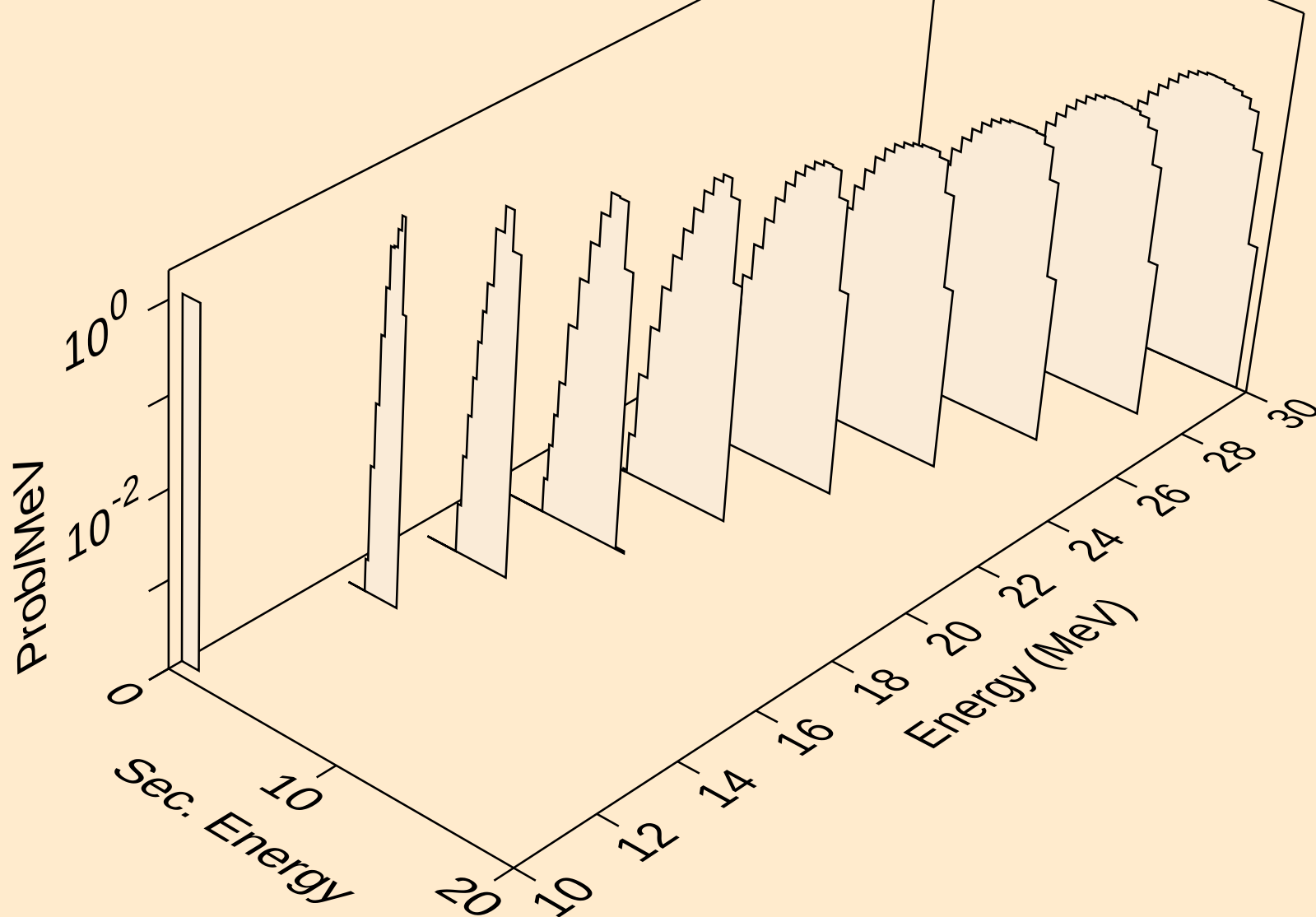
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protons from (n,pt)



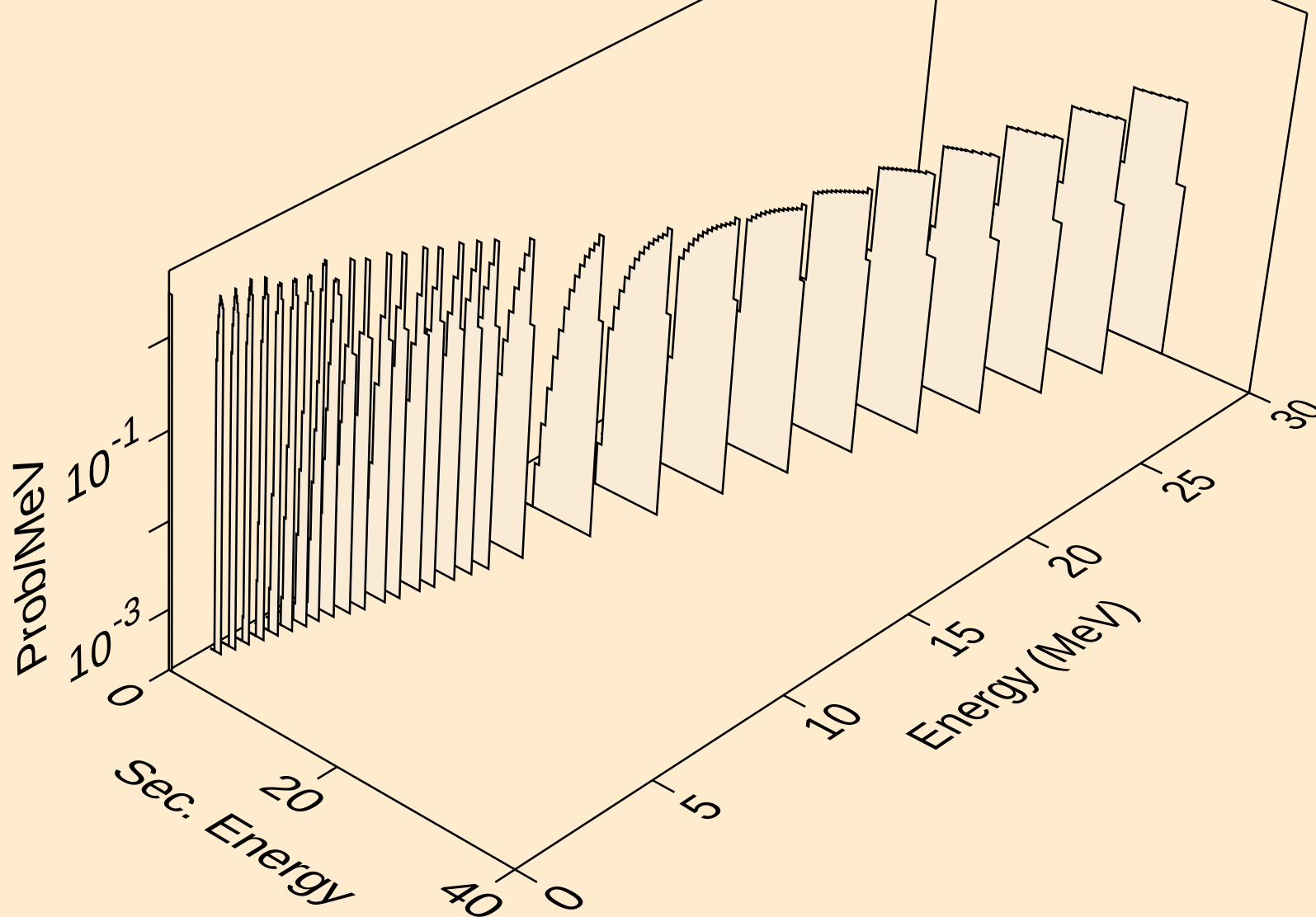
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,x)



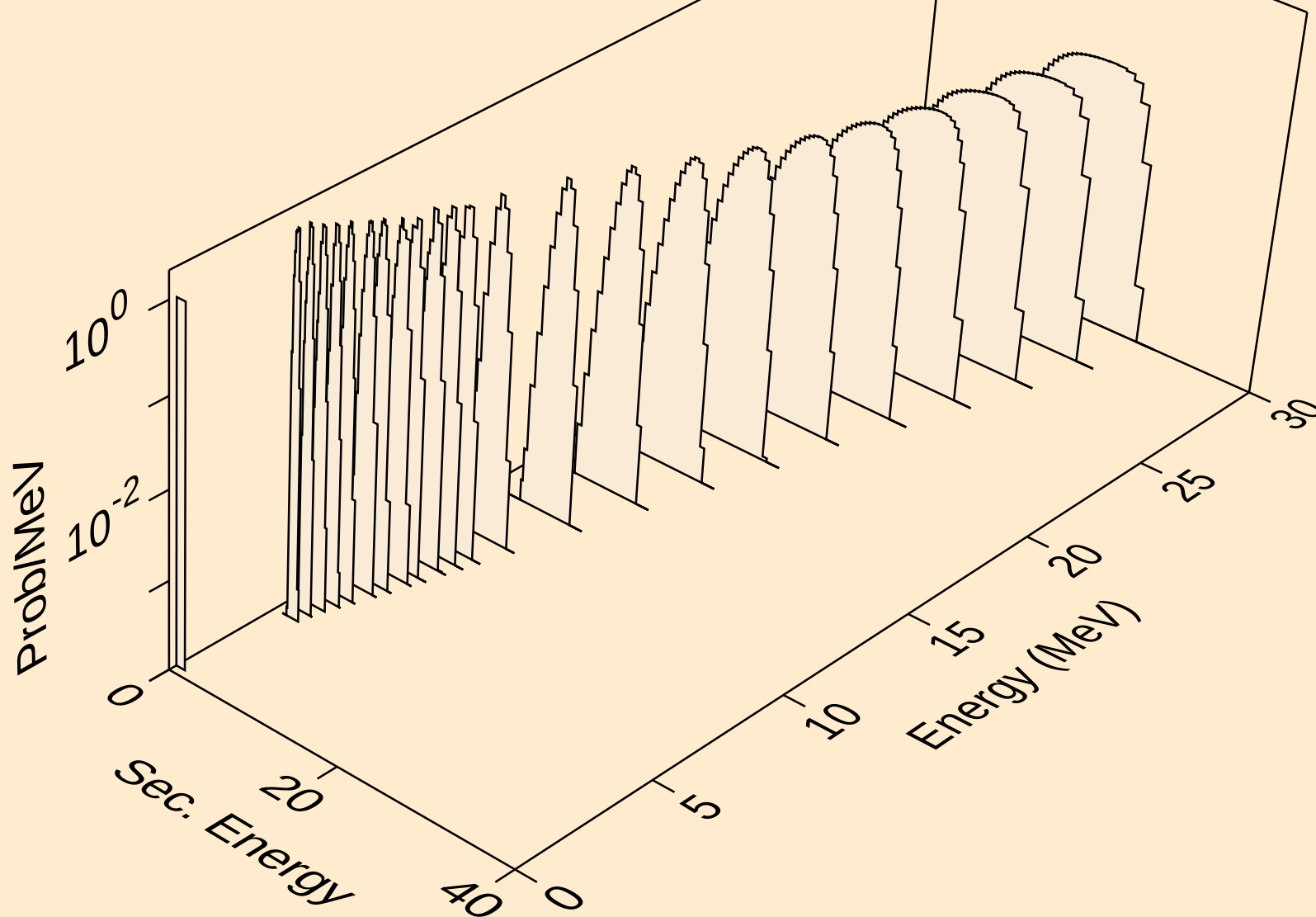
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,n*)d



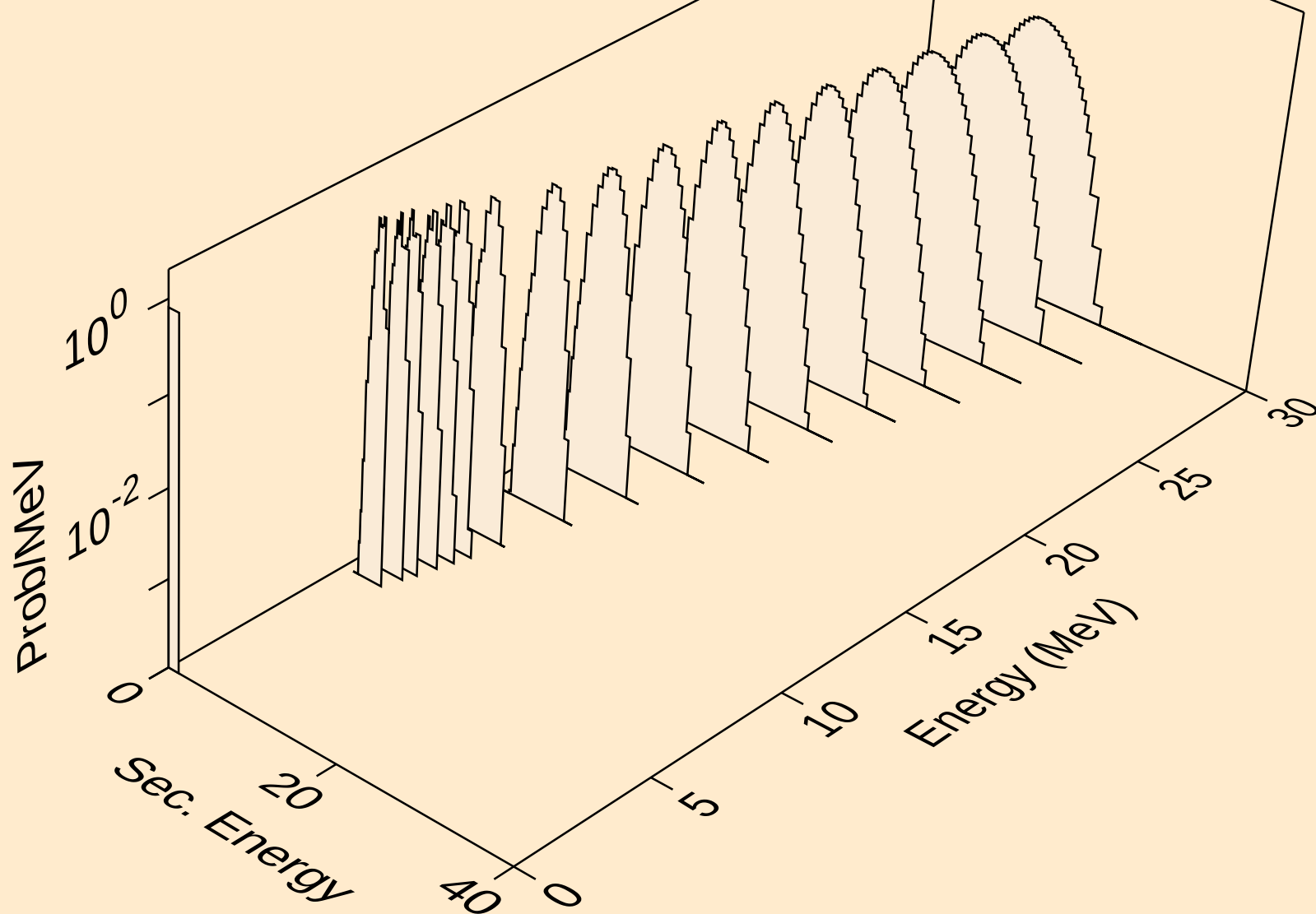
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deuterons from (n,d)



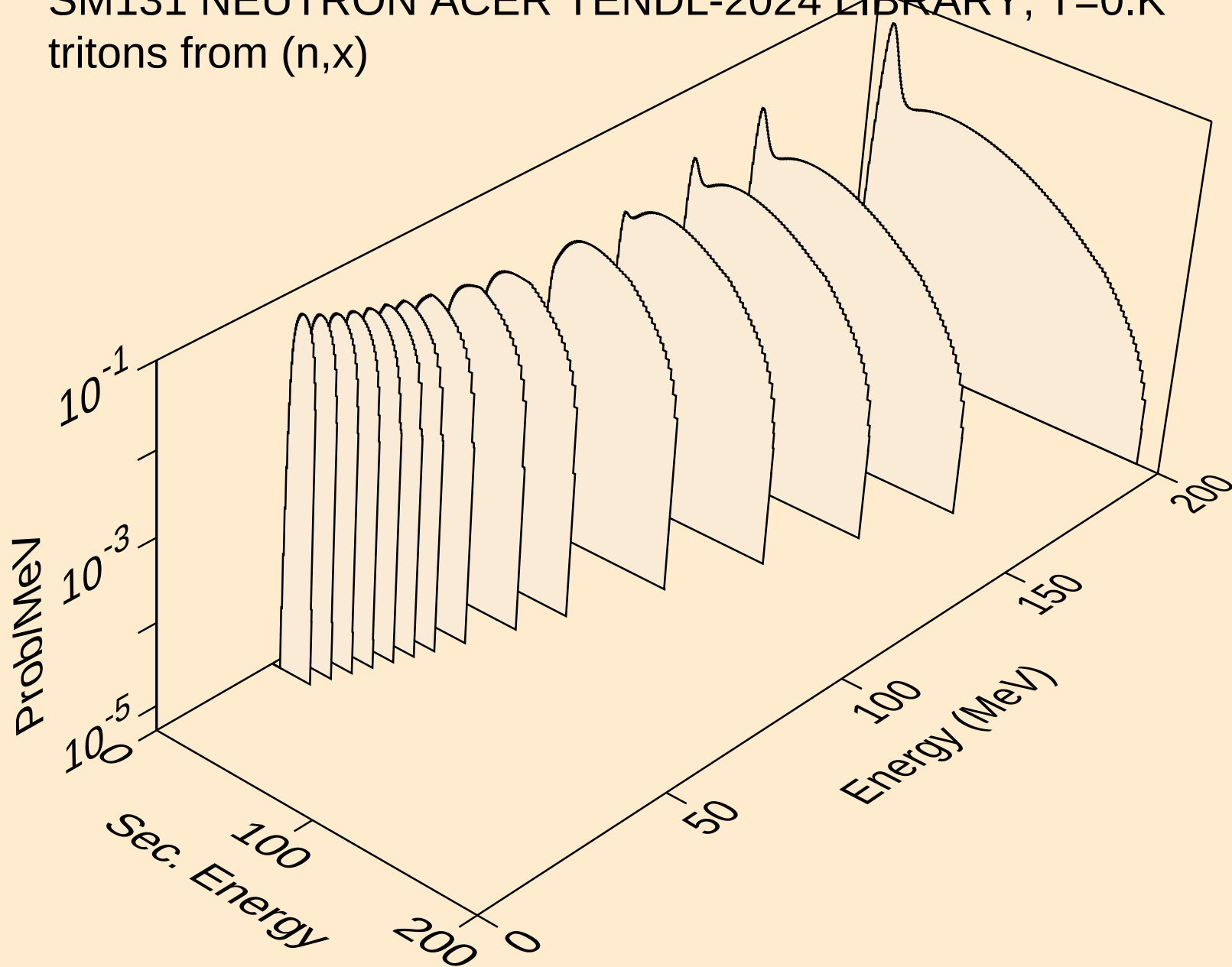
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deuterons from (n,pd)



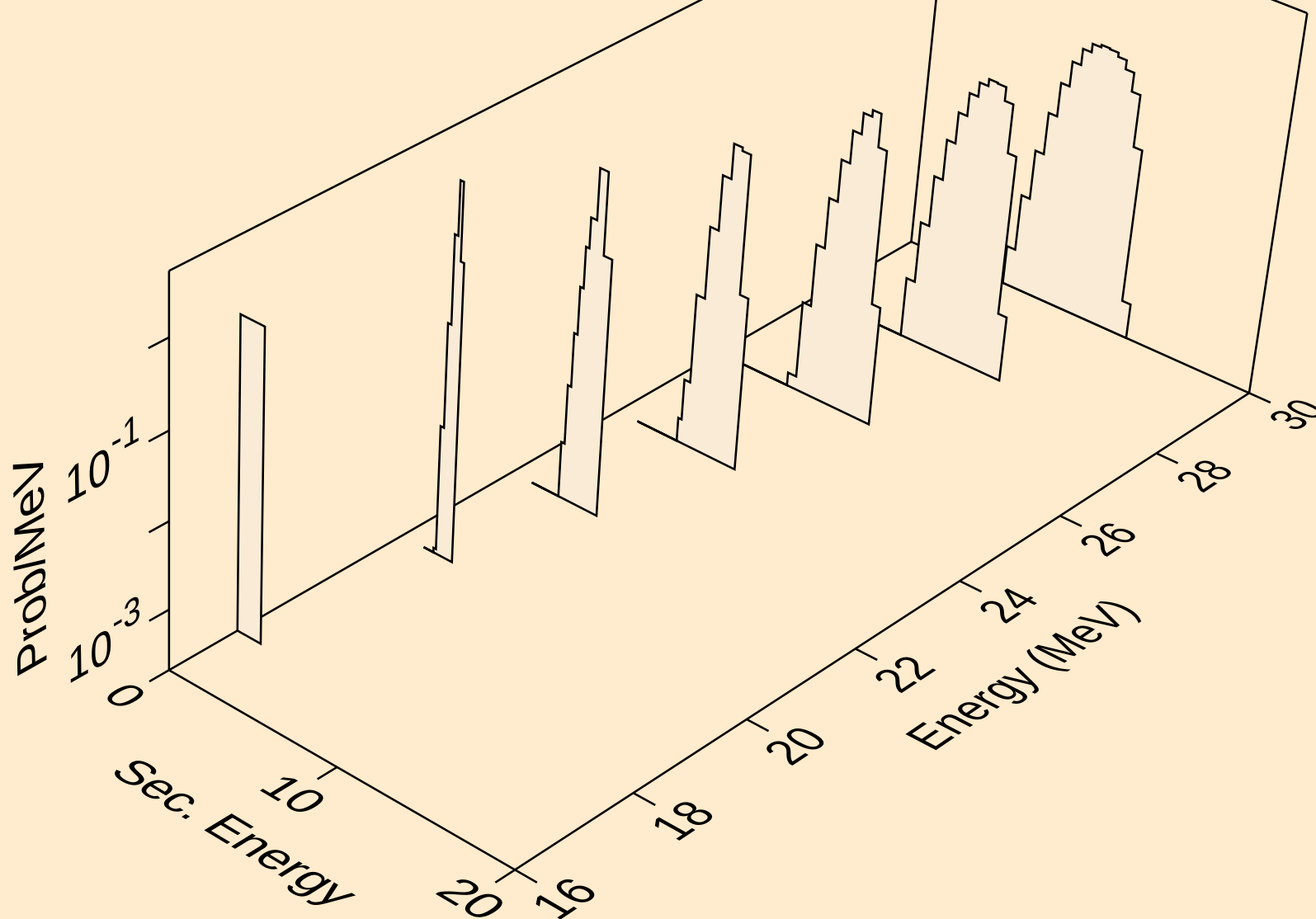
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,da)



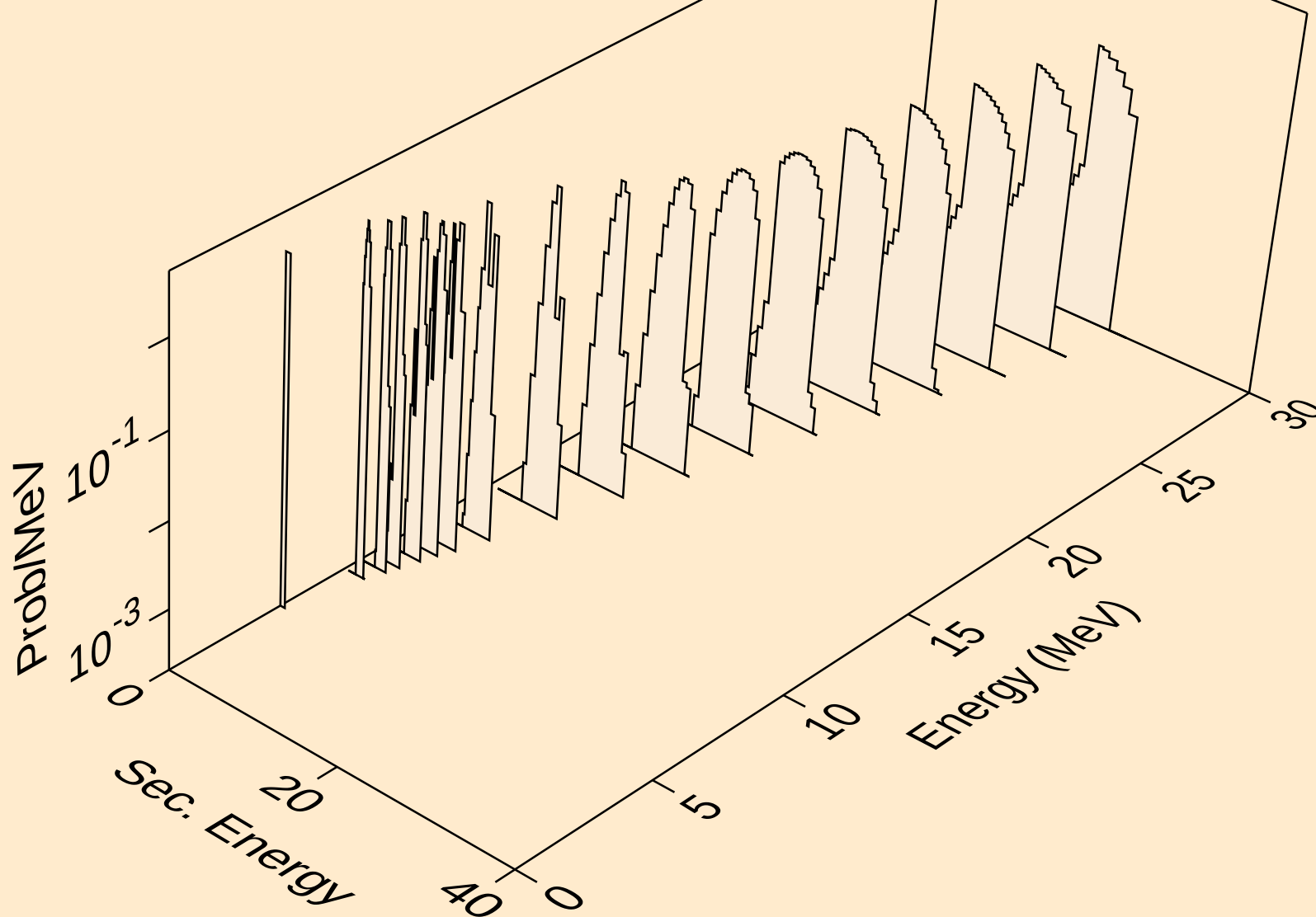
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,x)



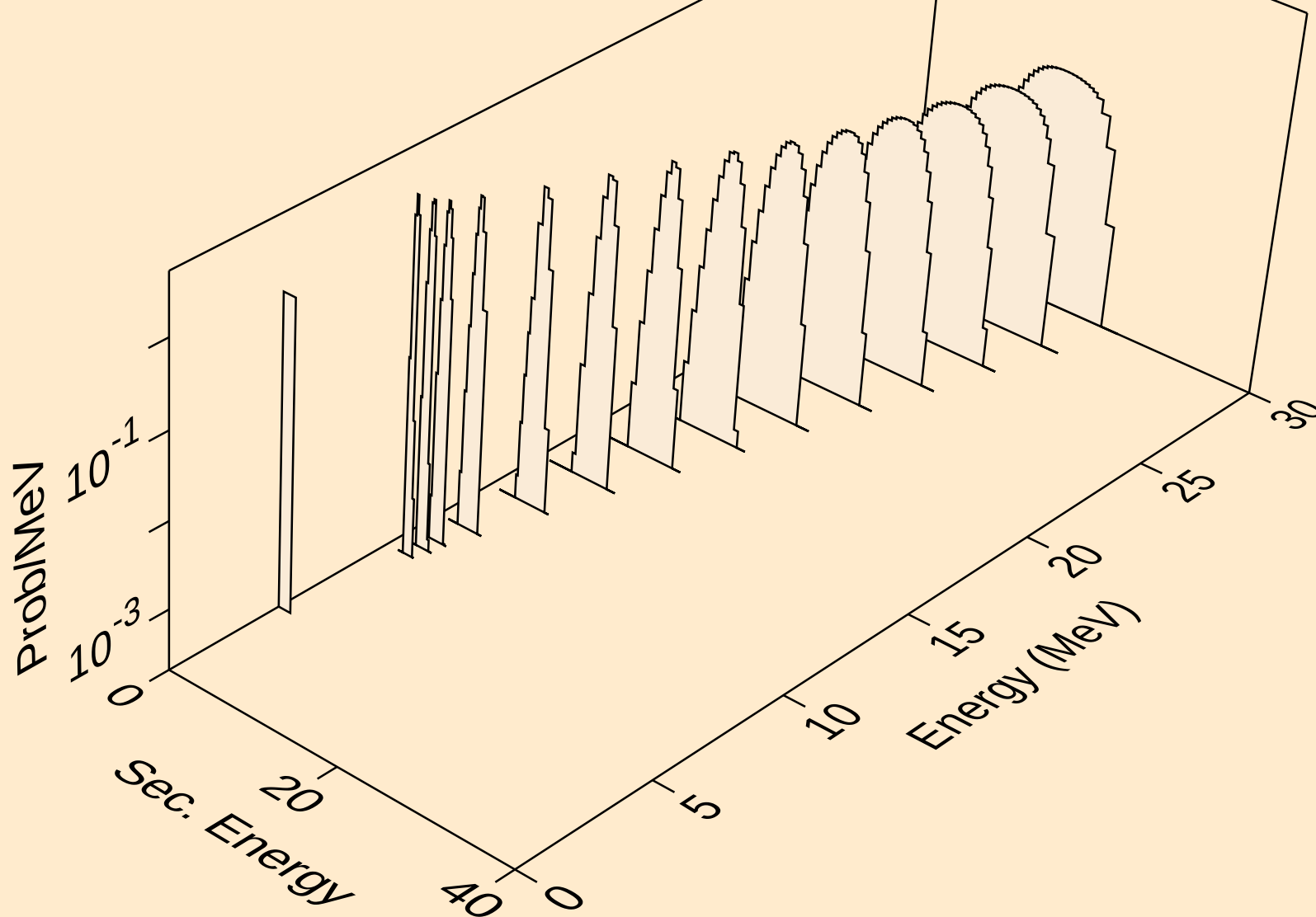
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,n*)t



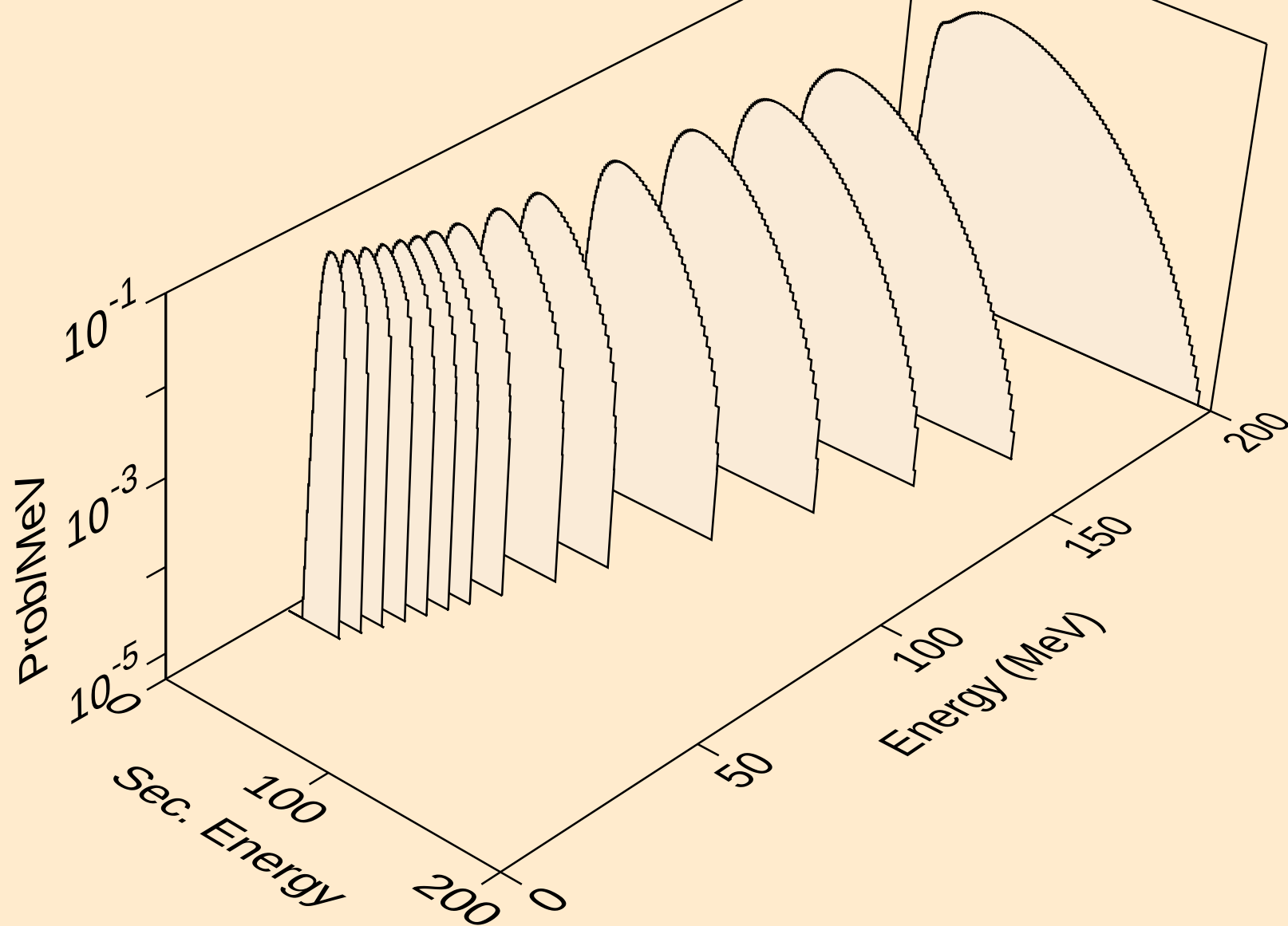
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tritons from (n,t)



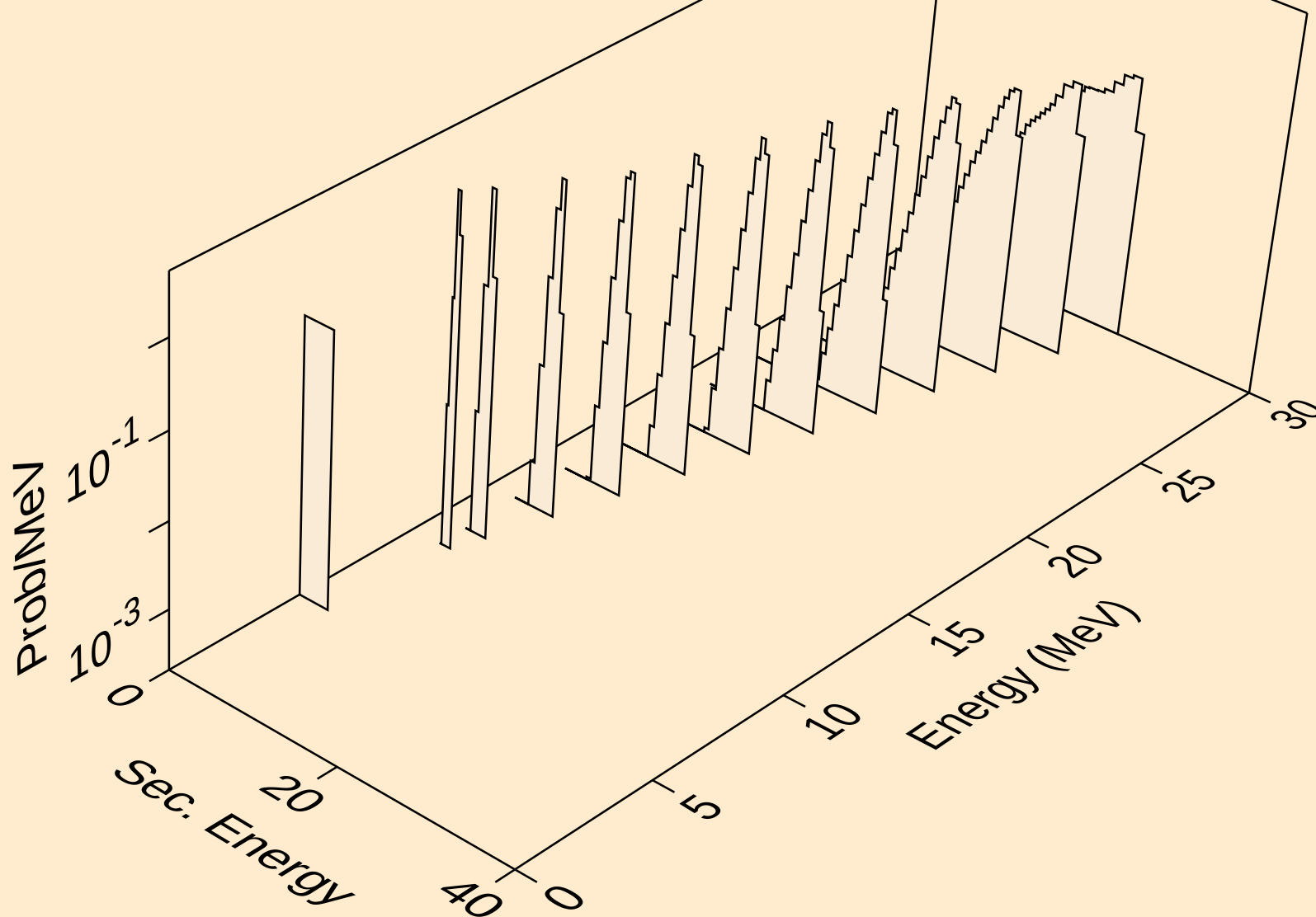
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,pt)



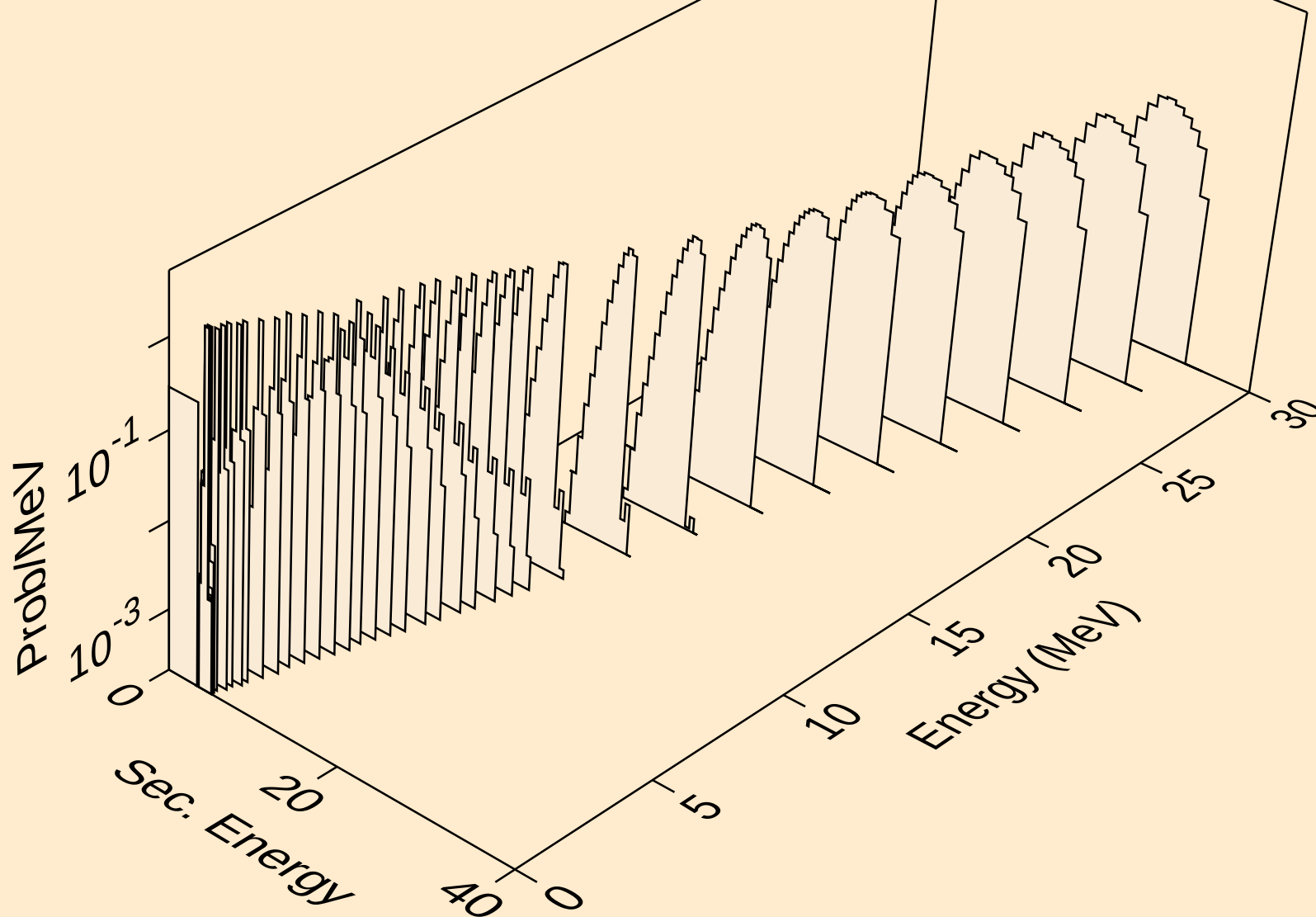
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,x)



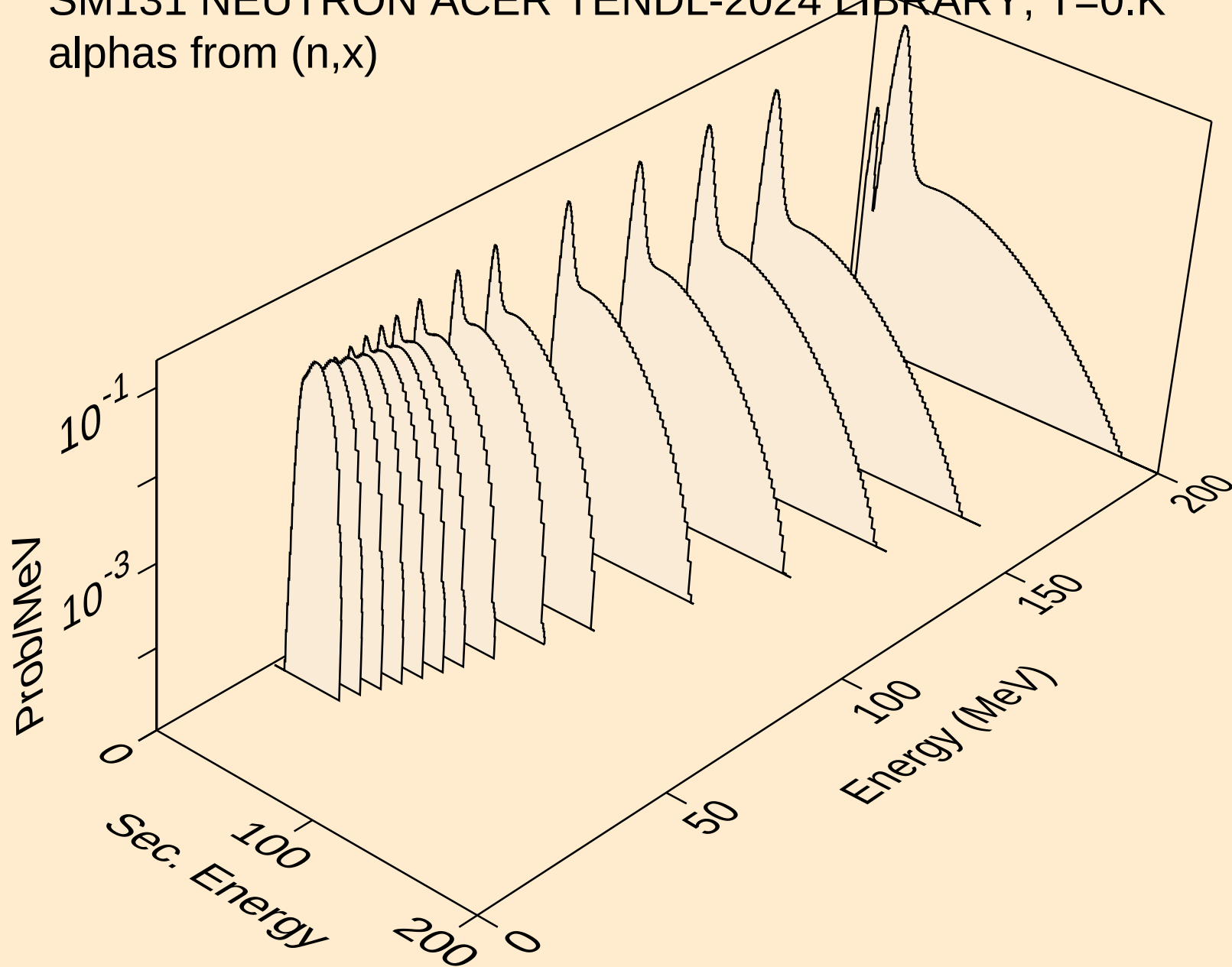
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he3s from (n,n*)he3



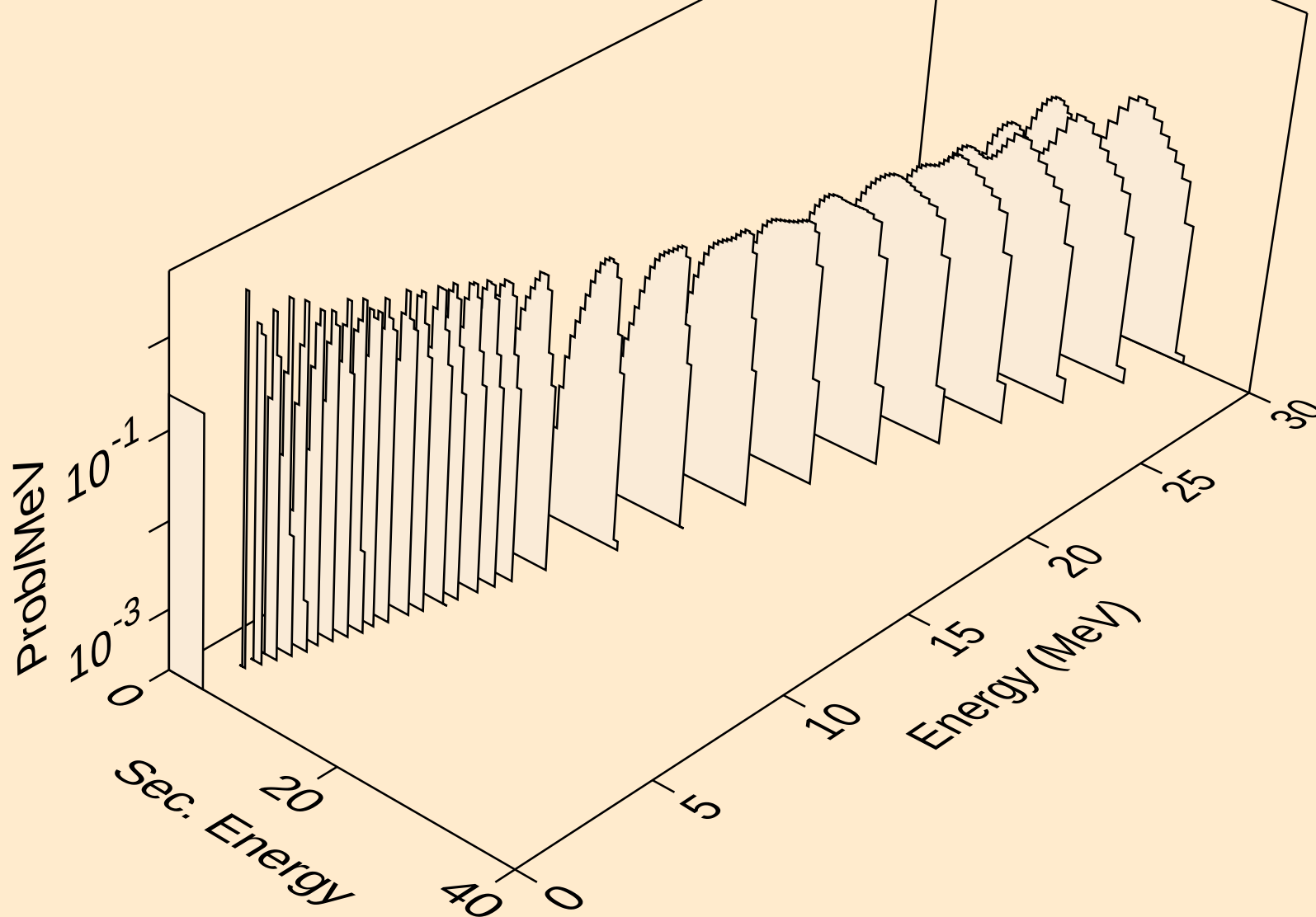
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he3s from (n,he3)



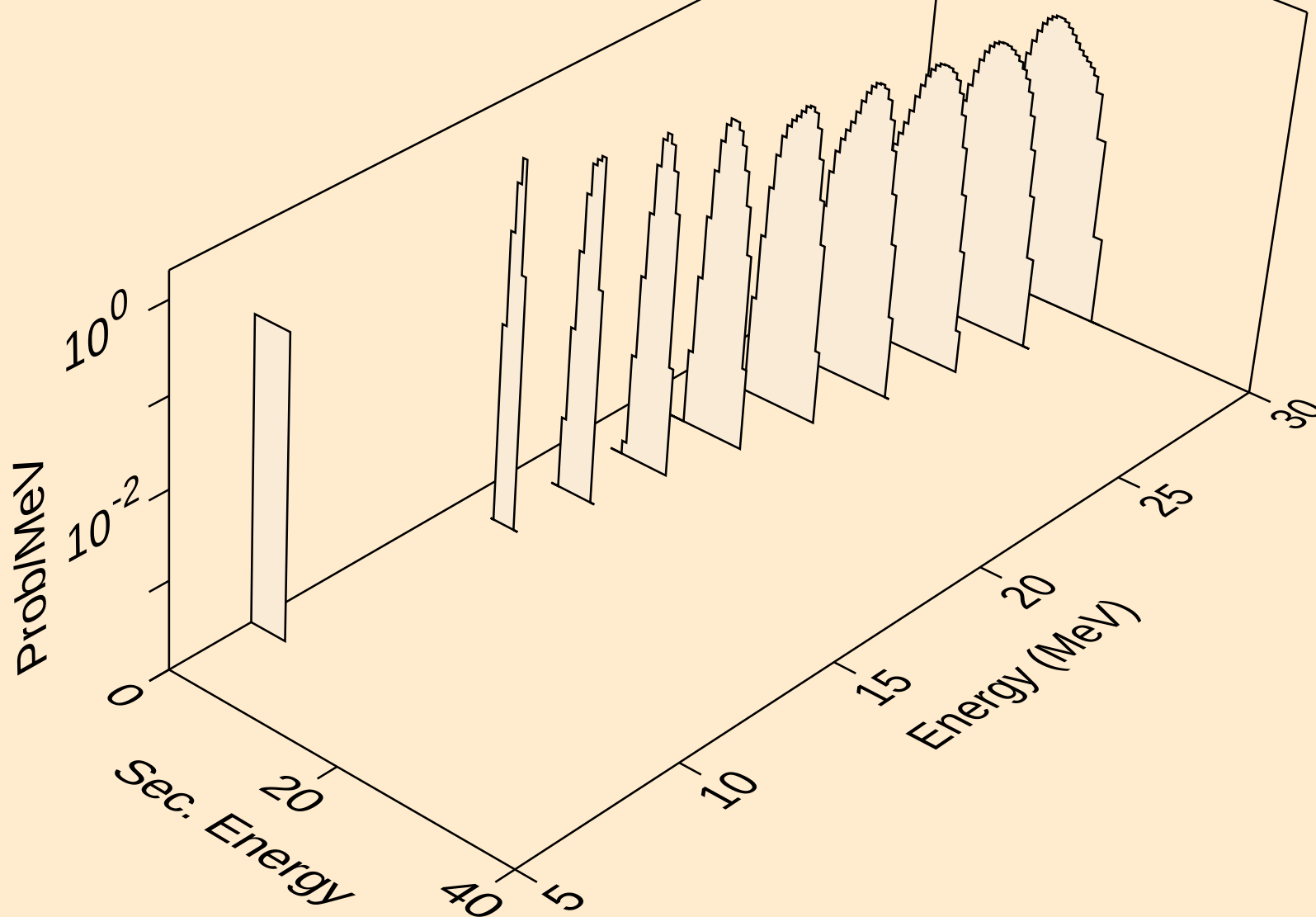
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,x)



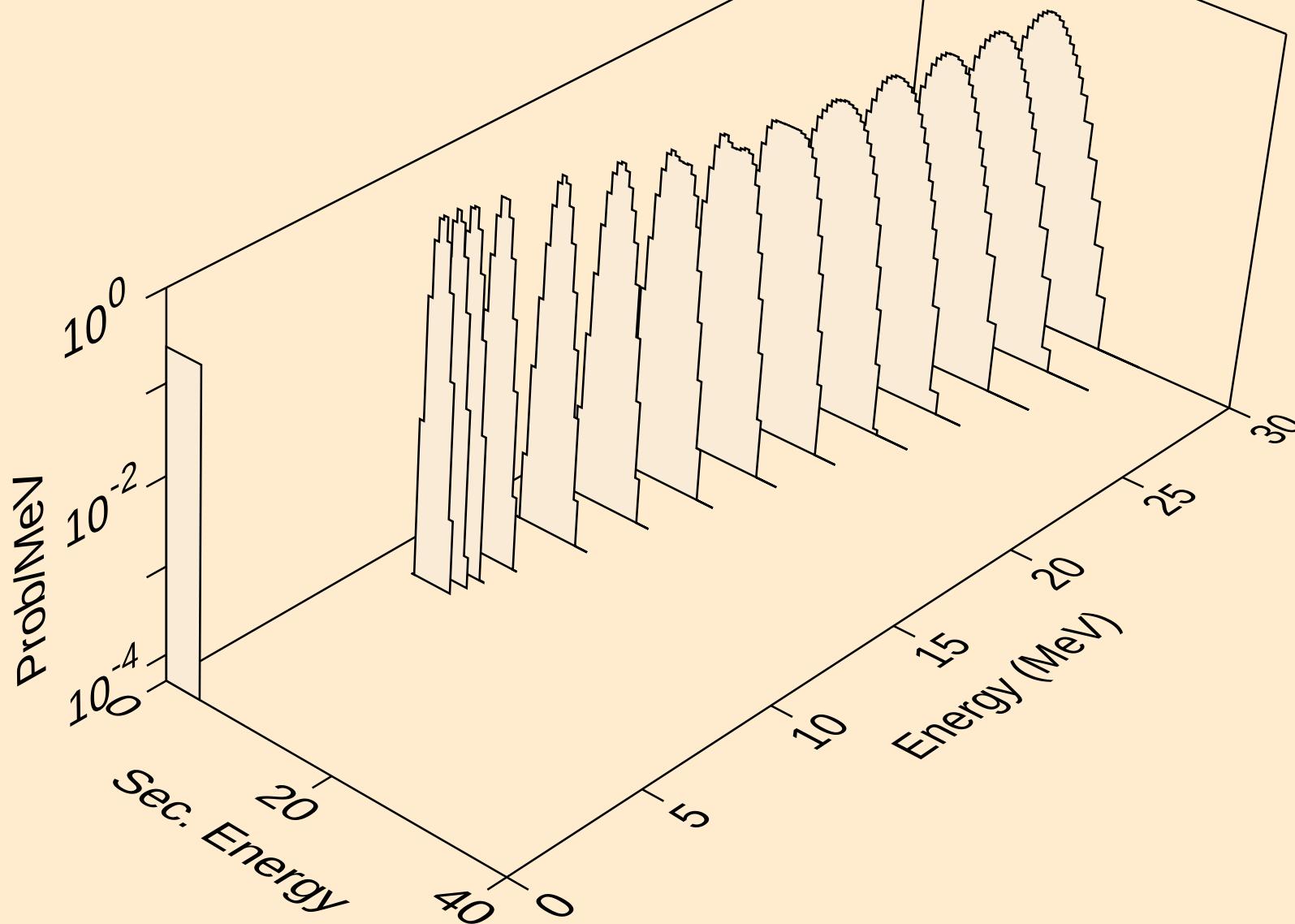
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)a



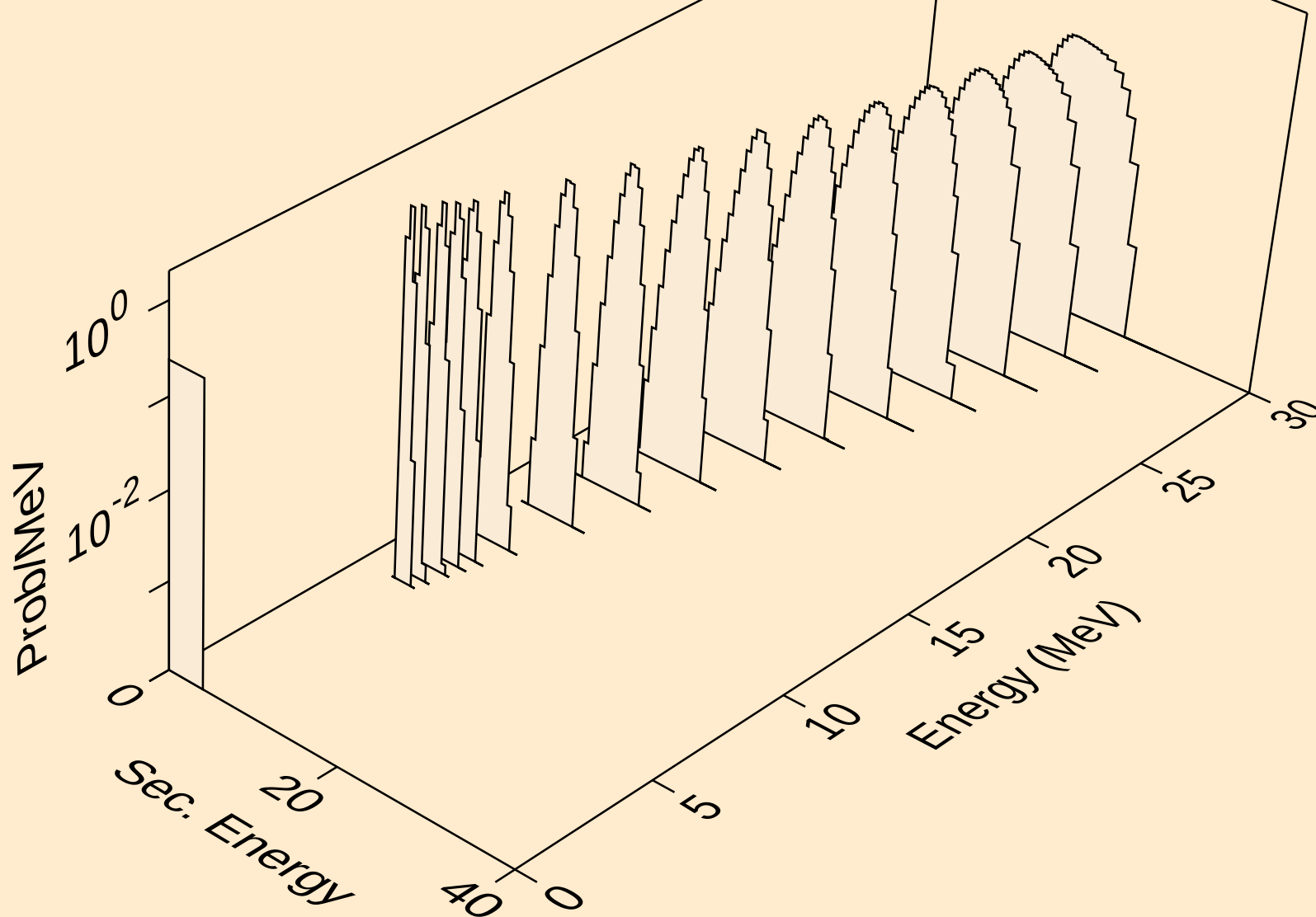
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2n)a



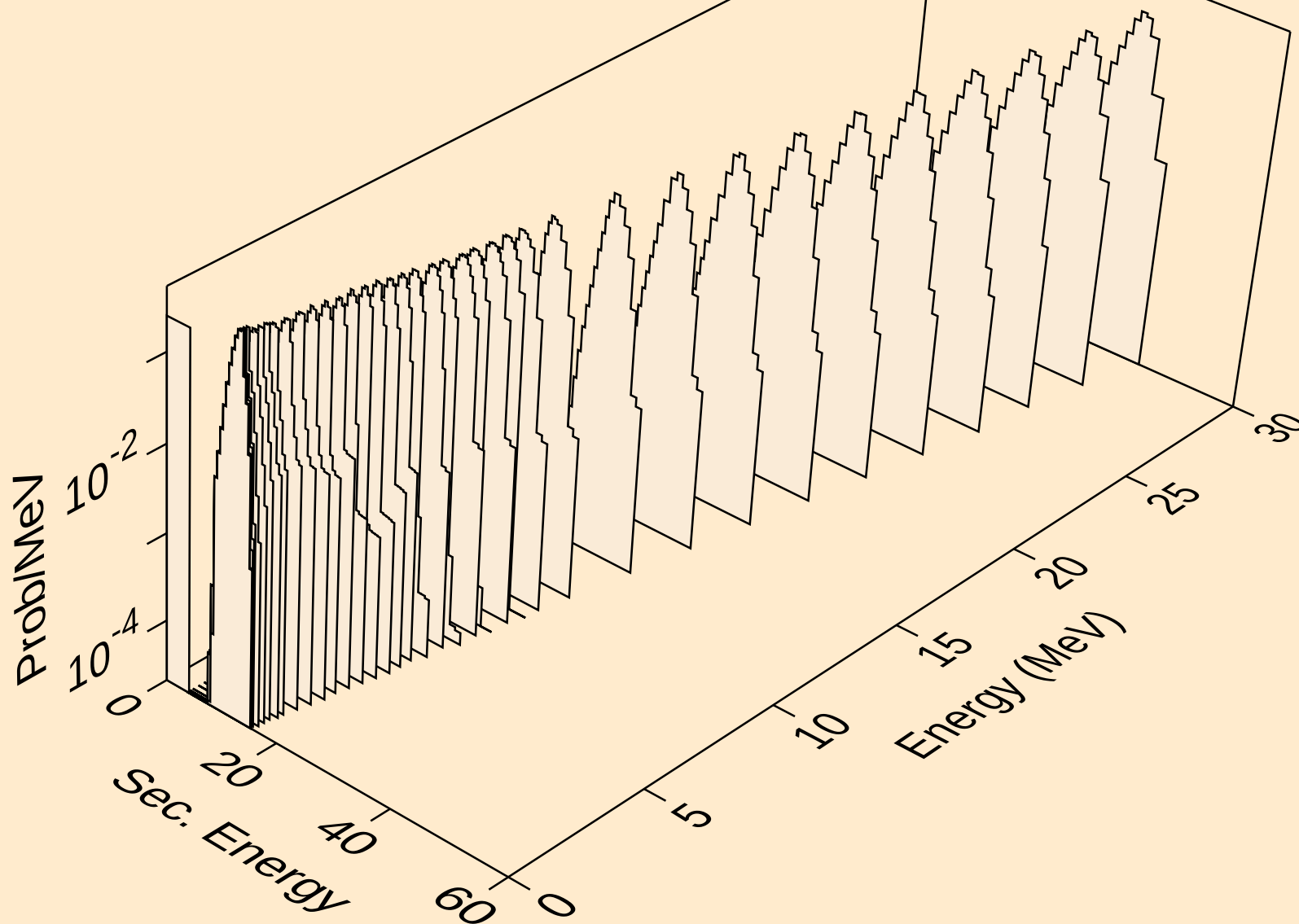
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alphas from (n,n*)2a



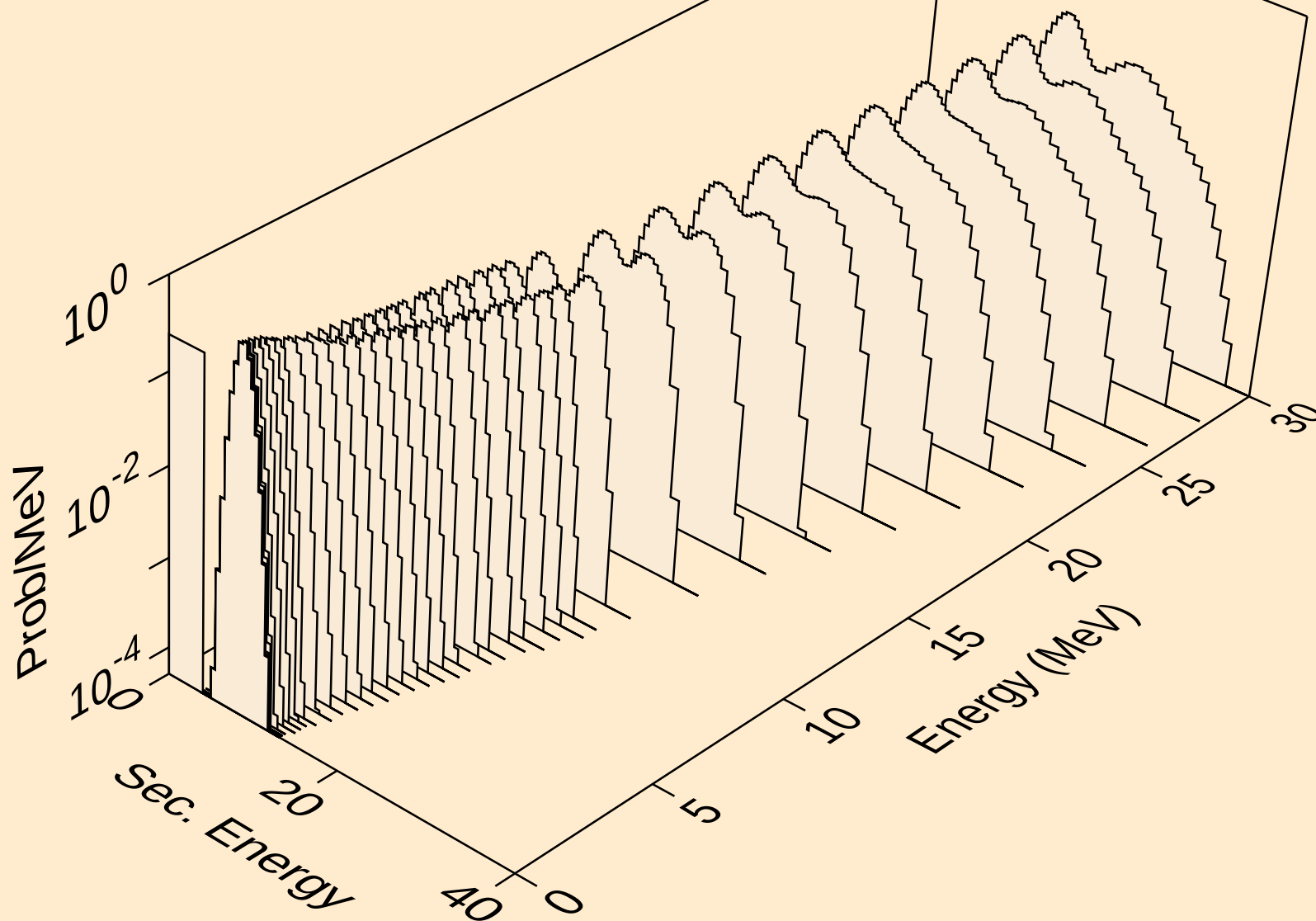
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alphas from (n,npa)



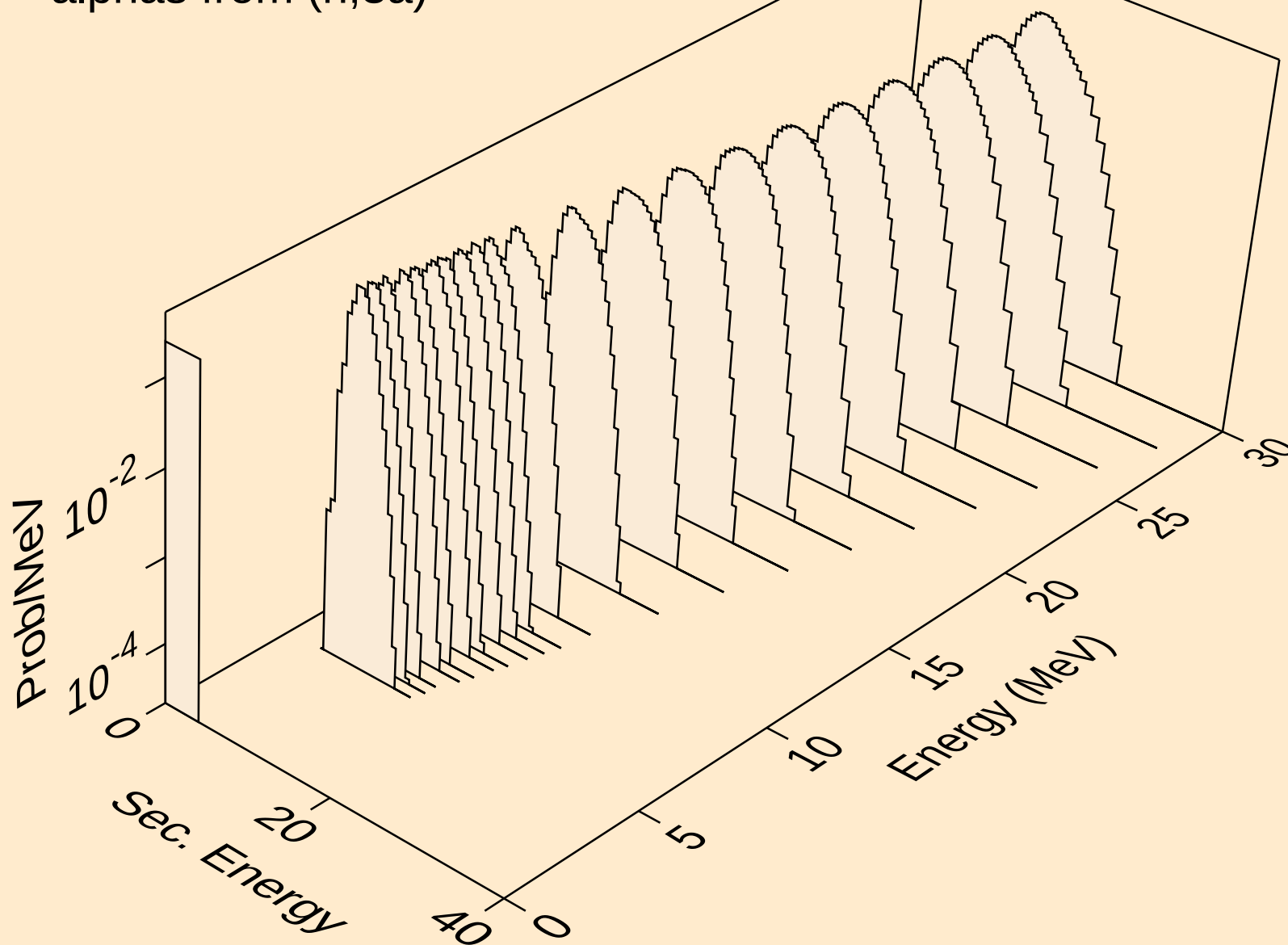
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,a)



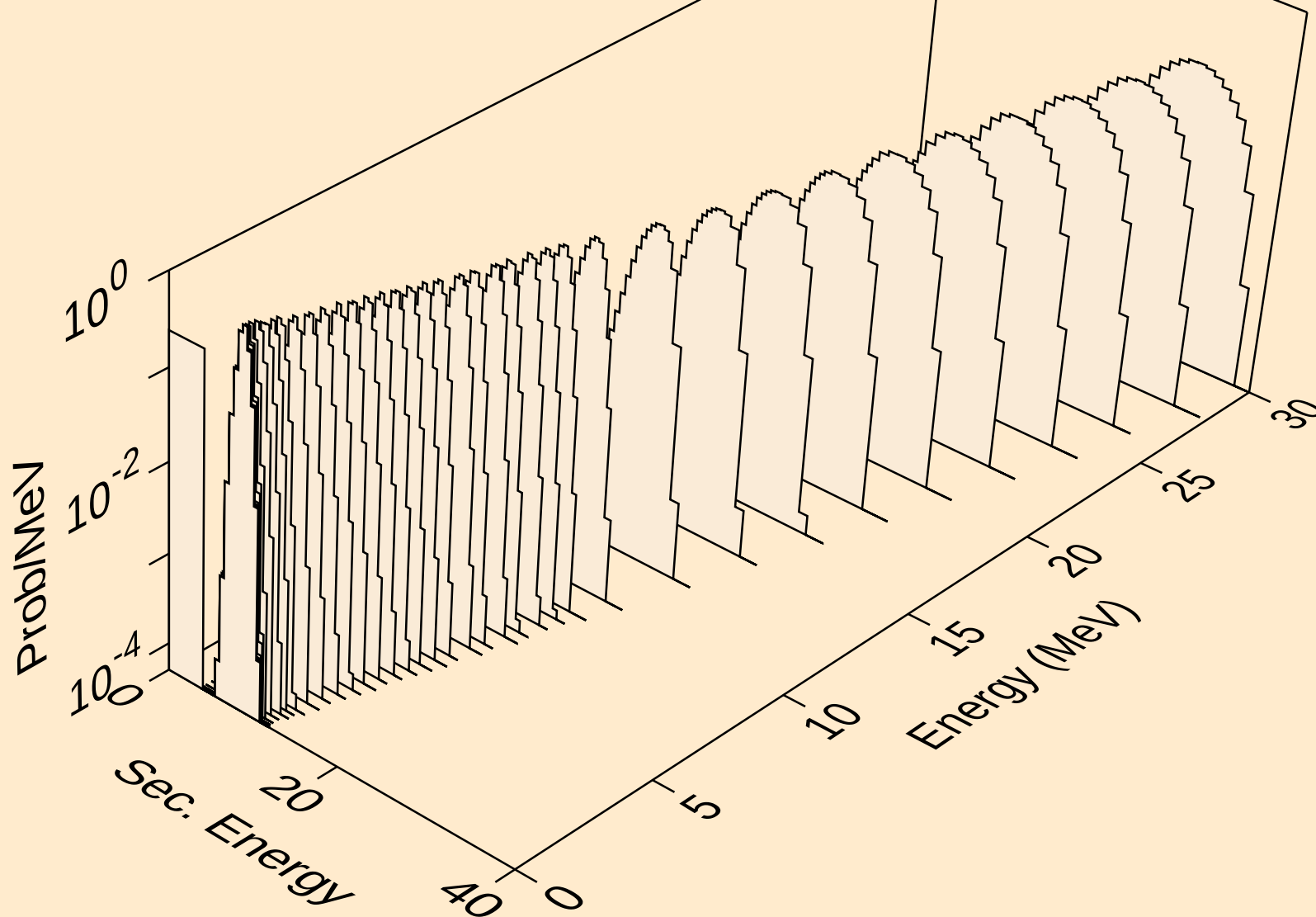
SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2a)



SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,3a)



SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,pa)



SM131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,da)

