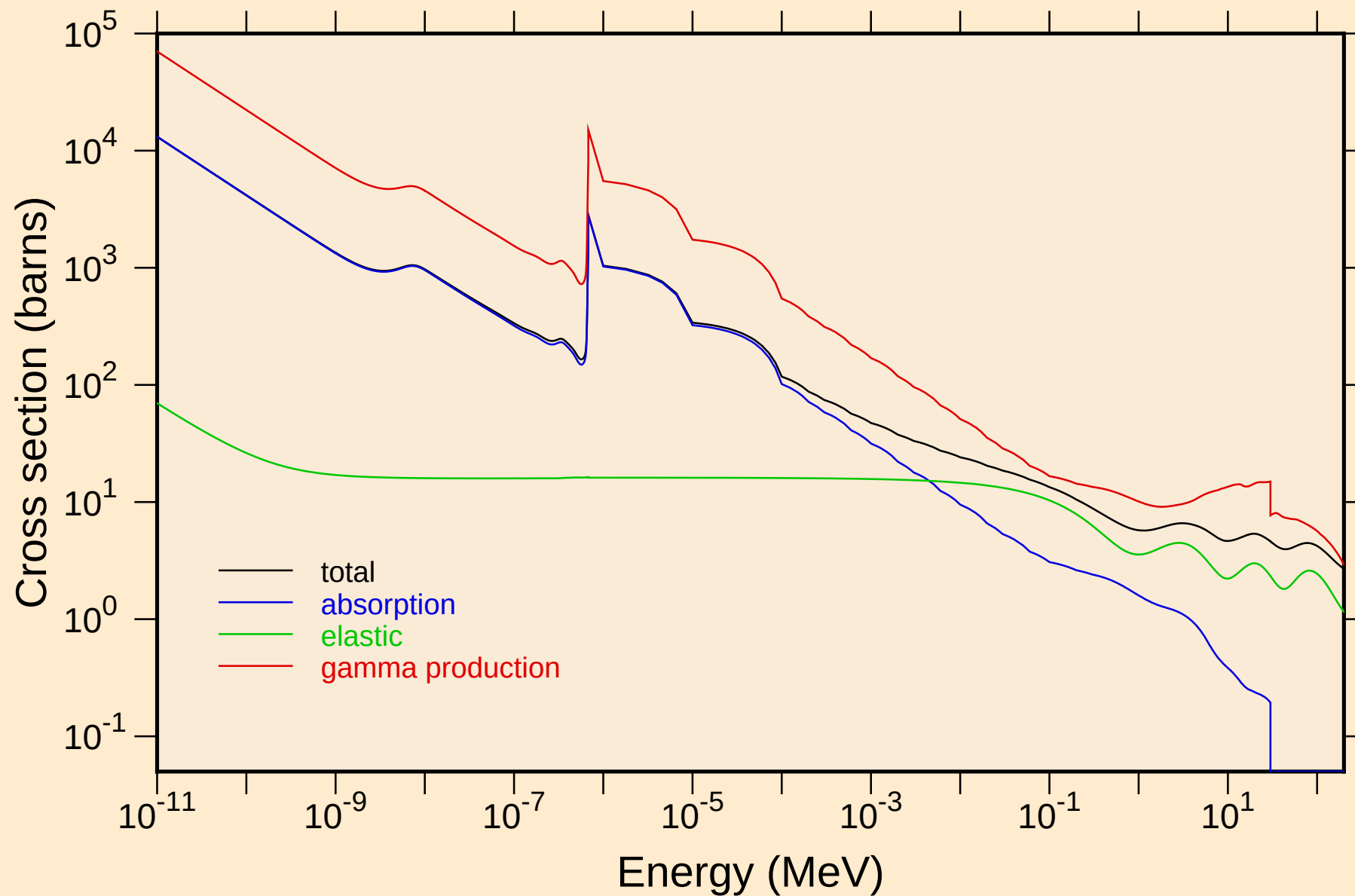
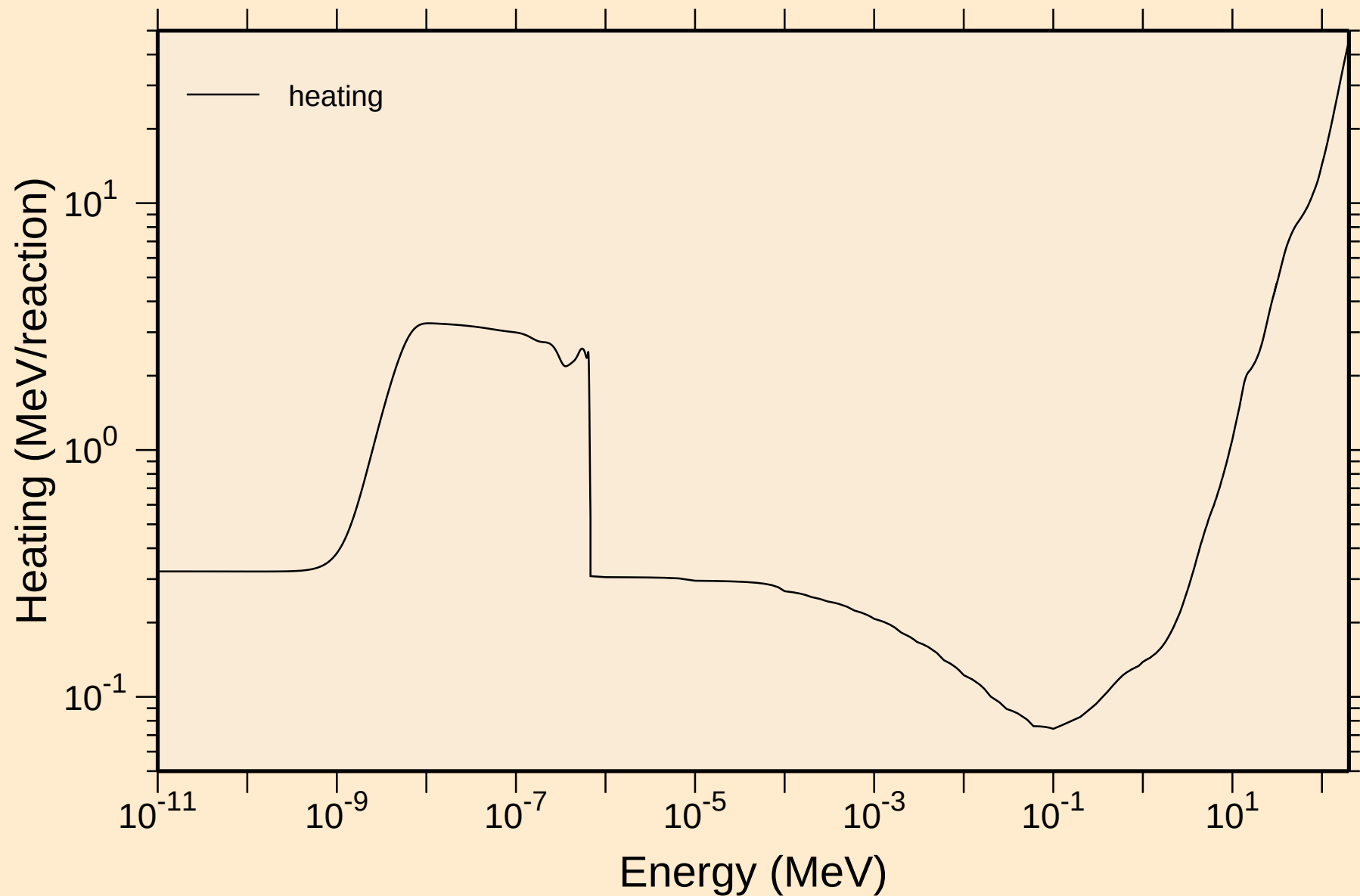


IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Principal cross sections



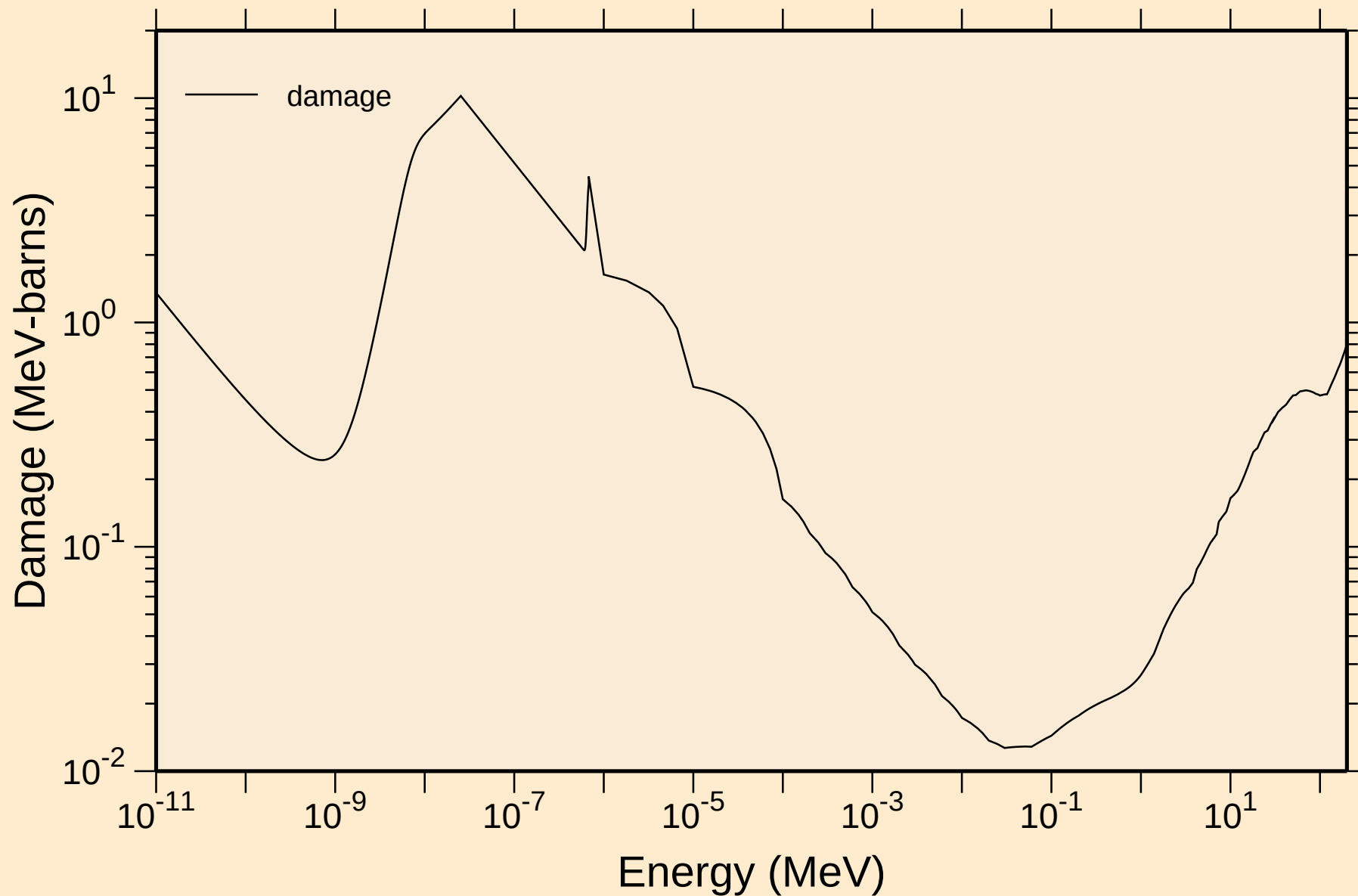
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

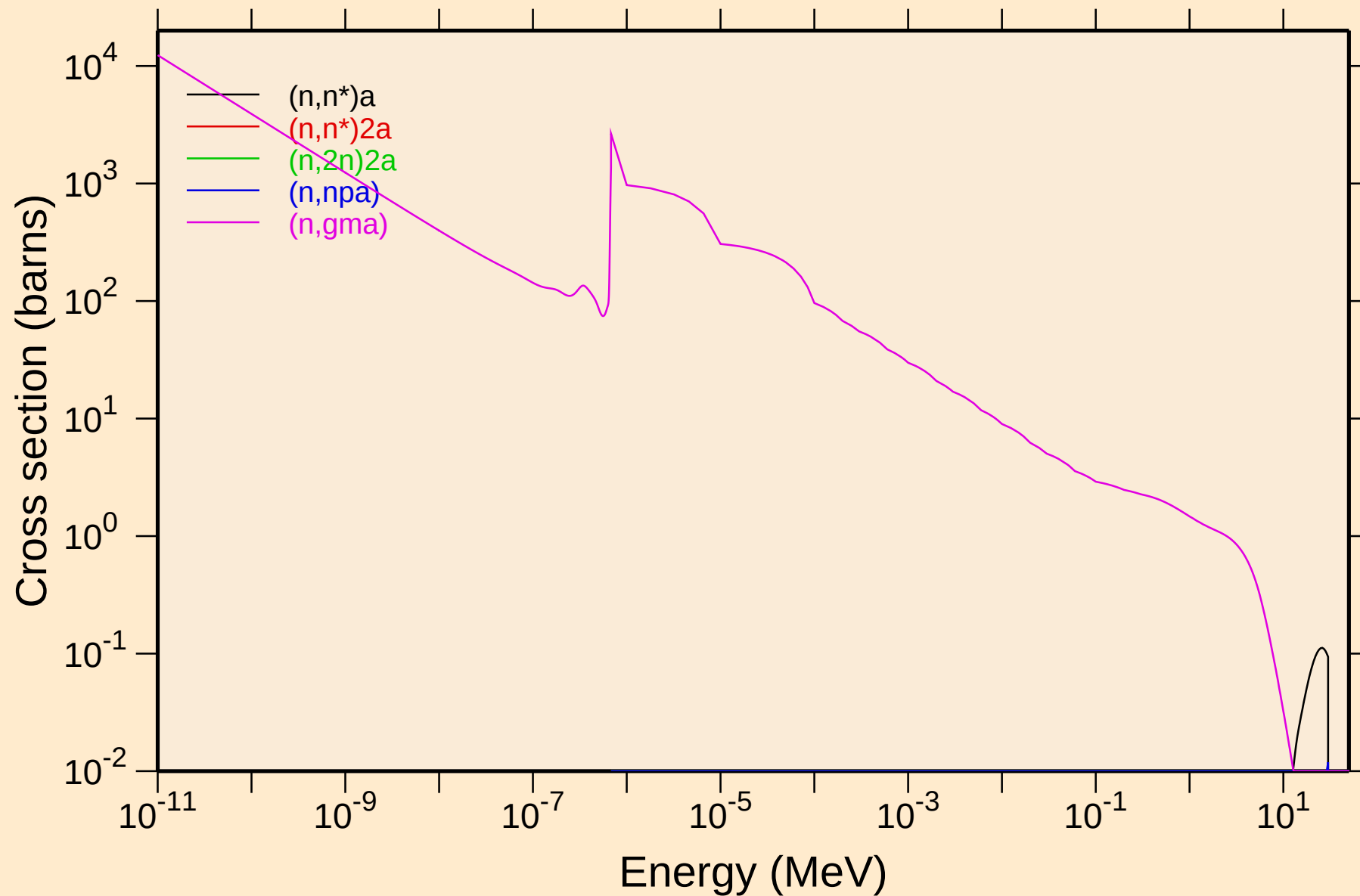


IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

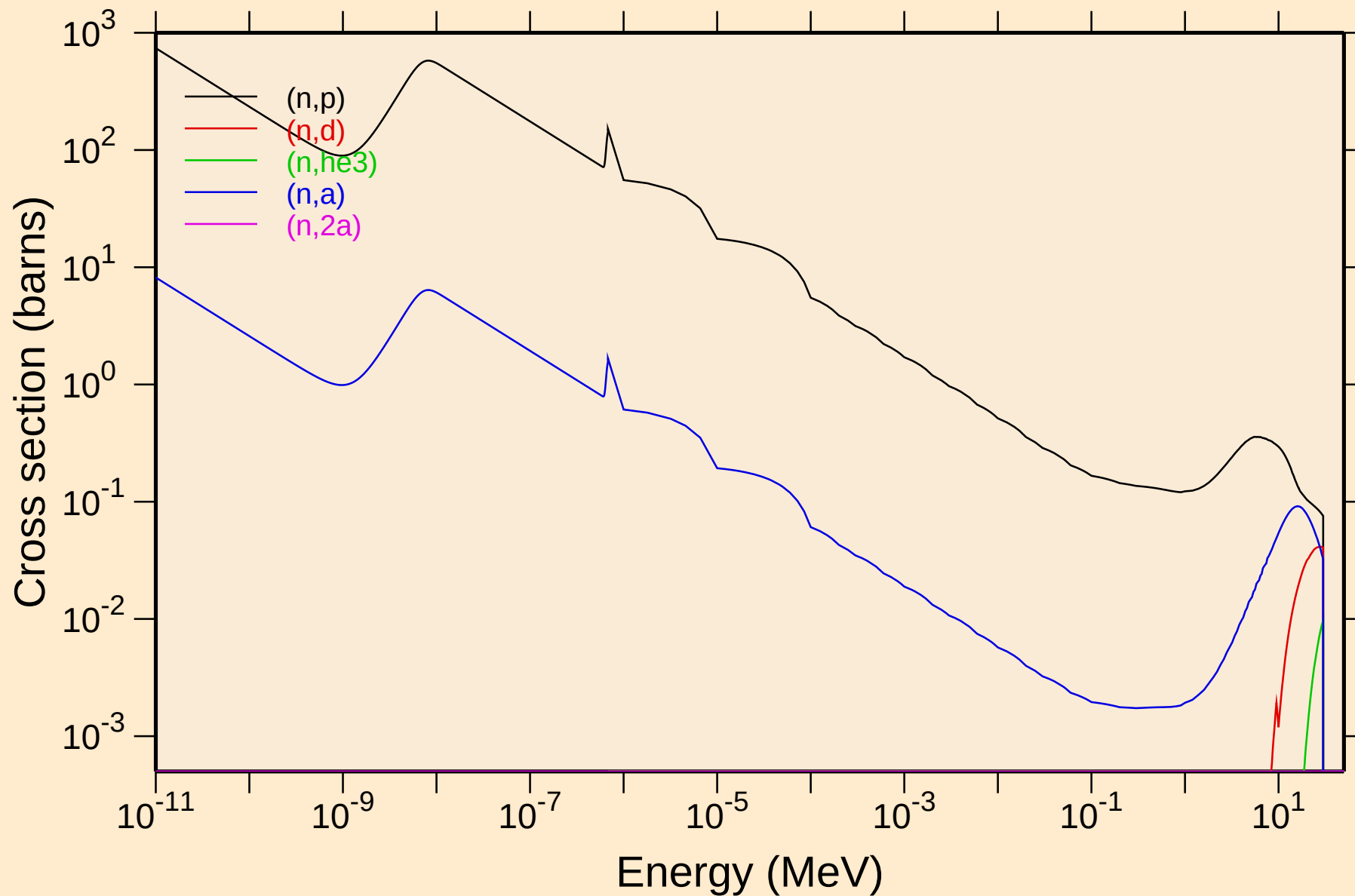
Damage



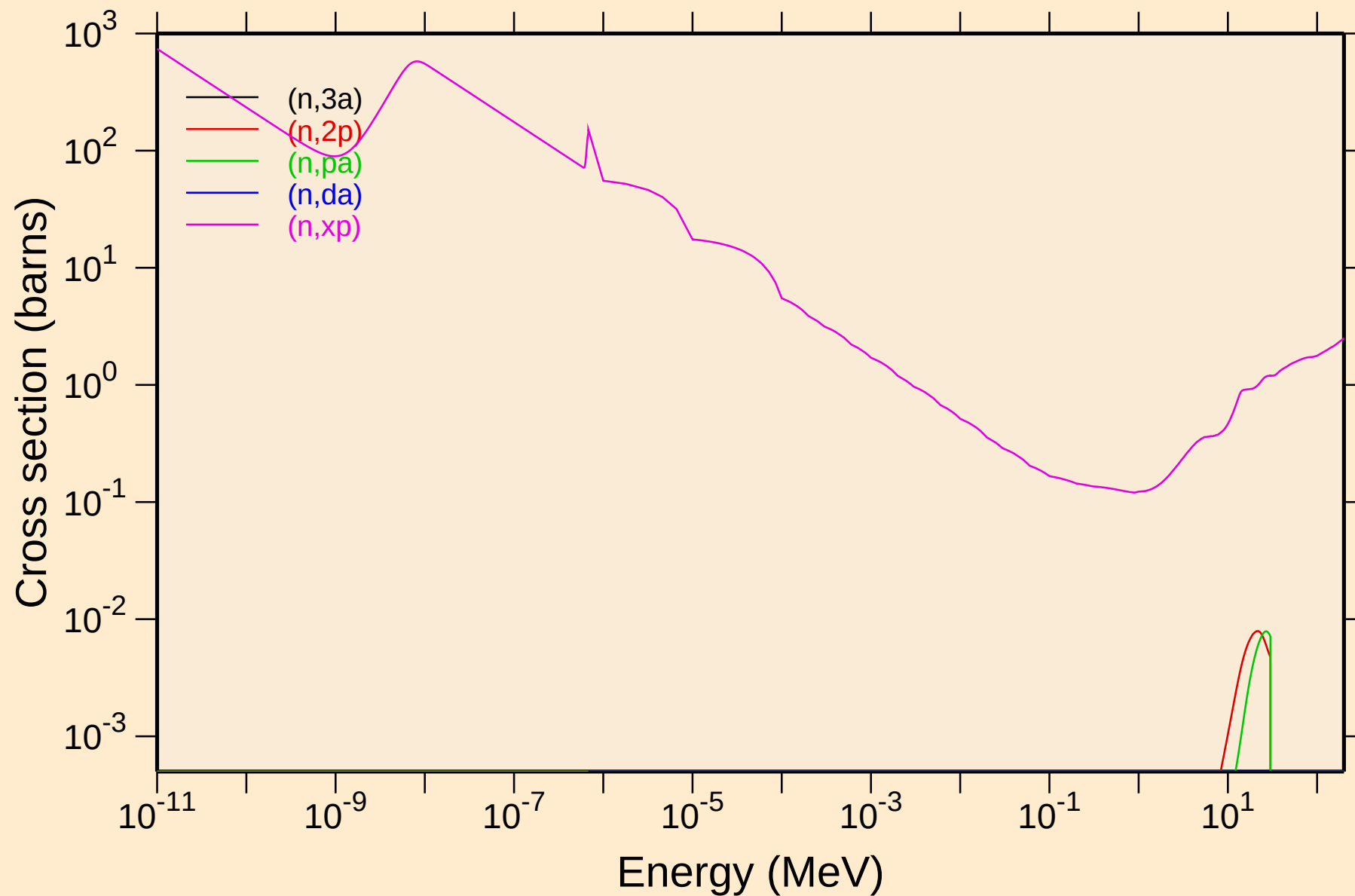
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions

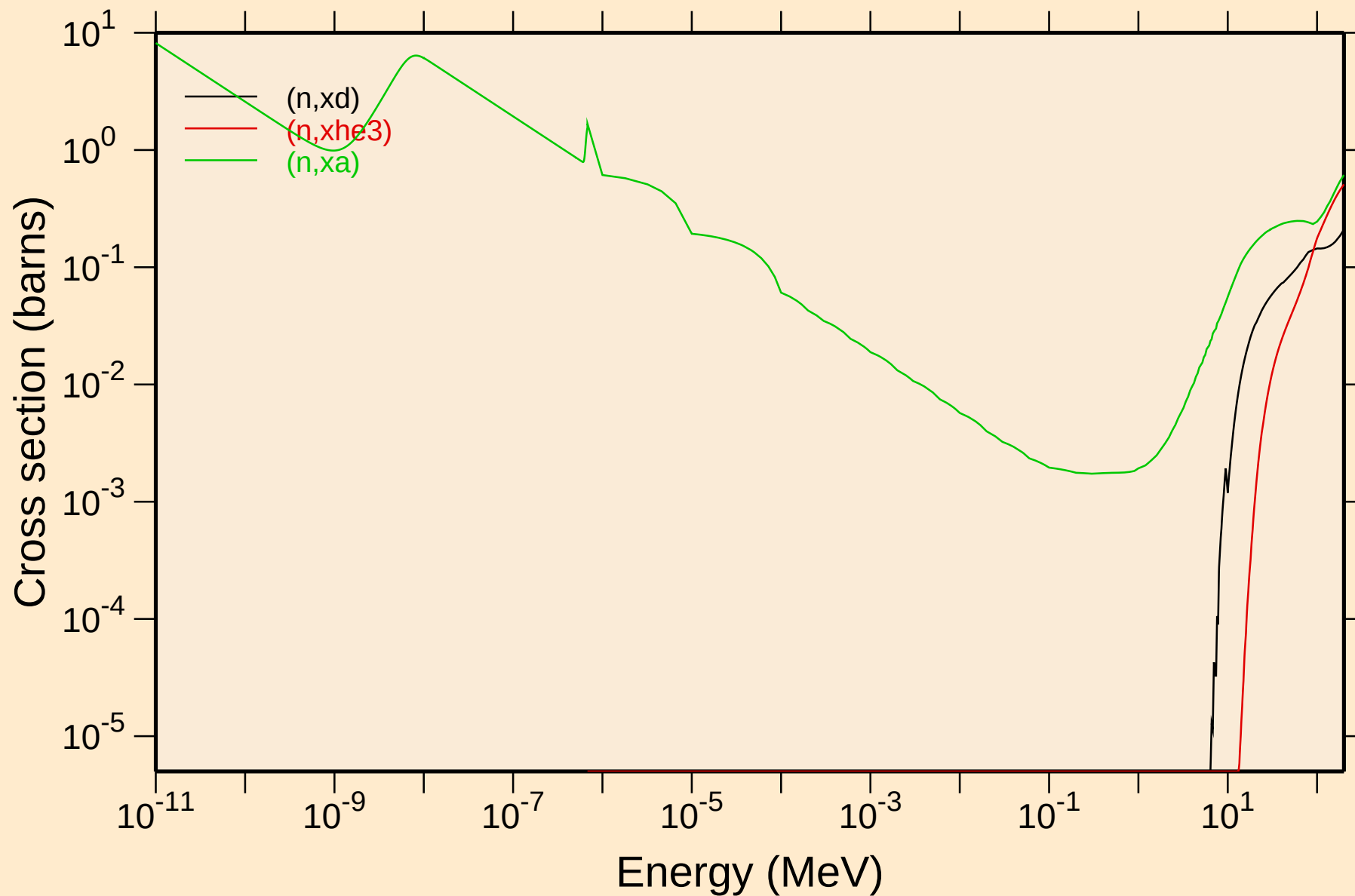


IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



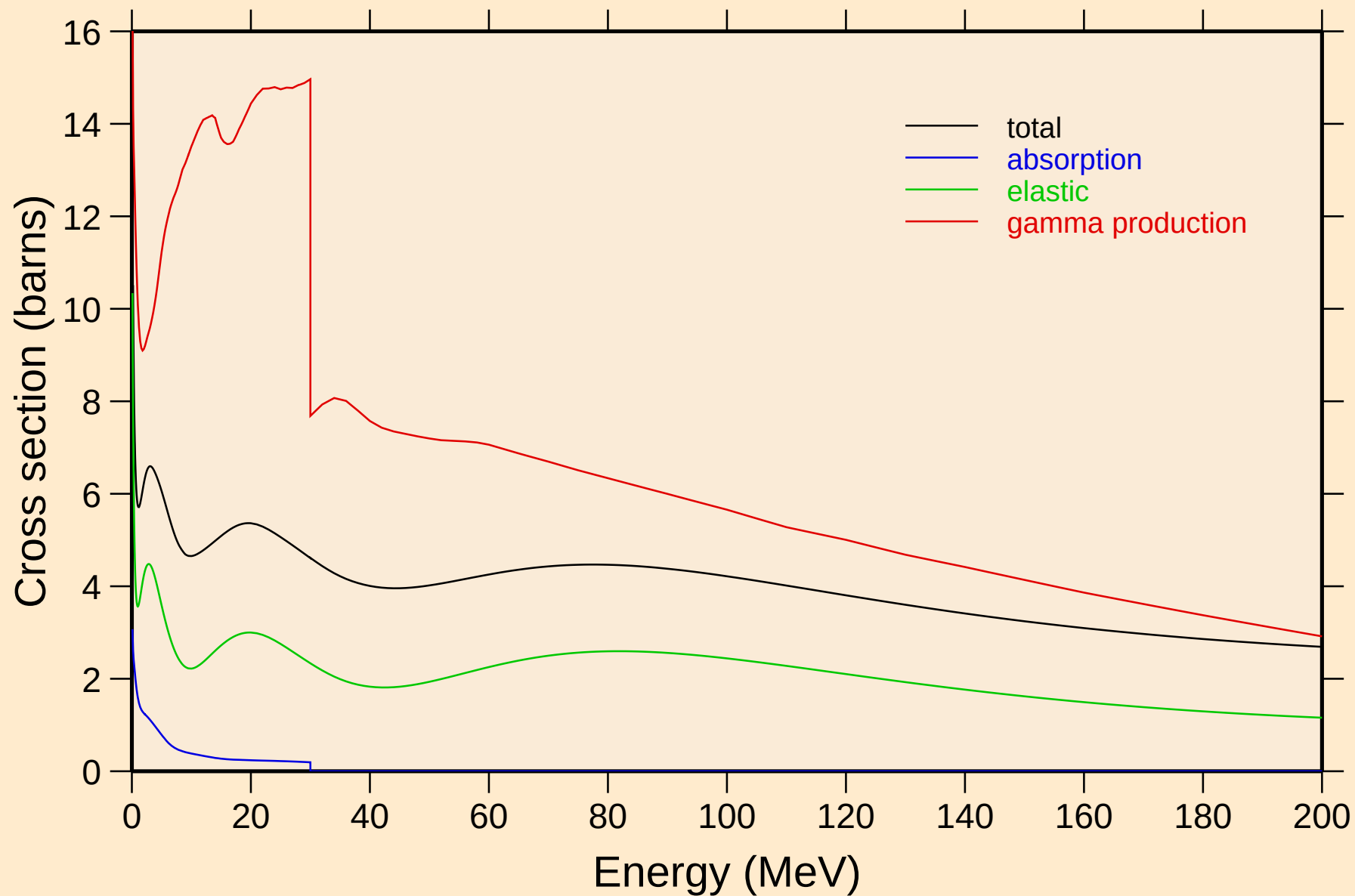
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Non-threshold reactions



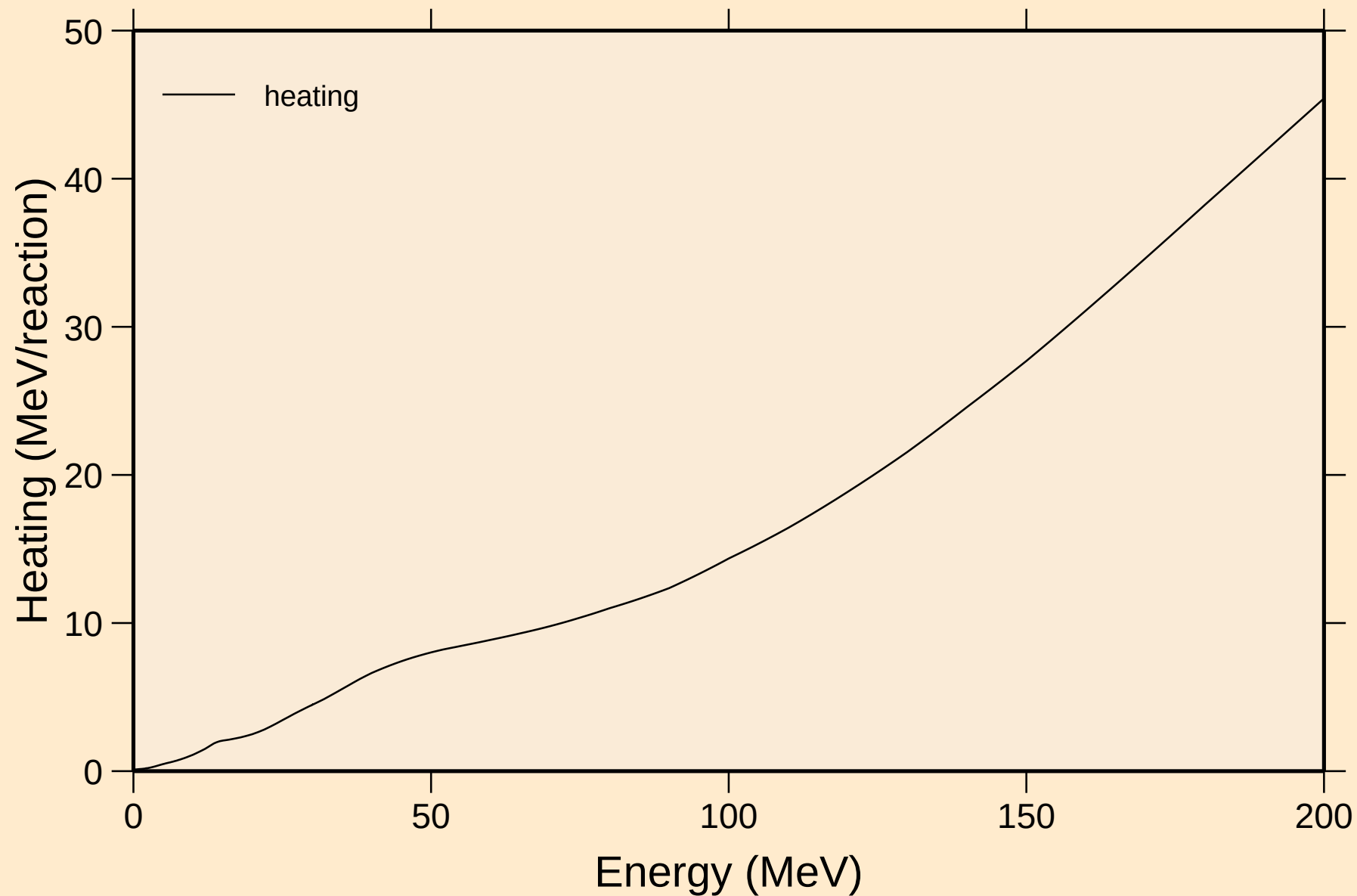
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Principal cross sections



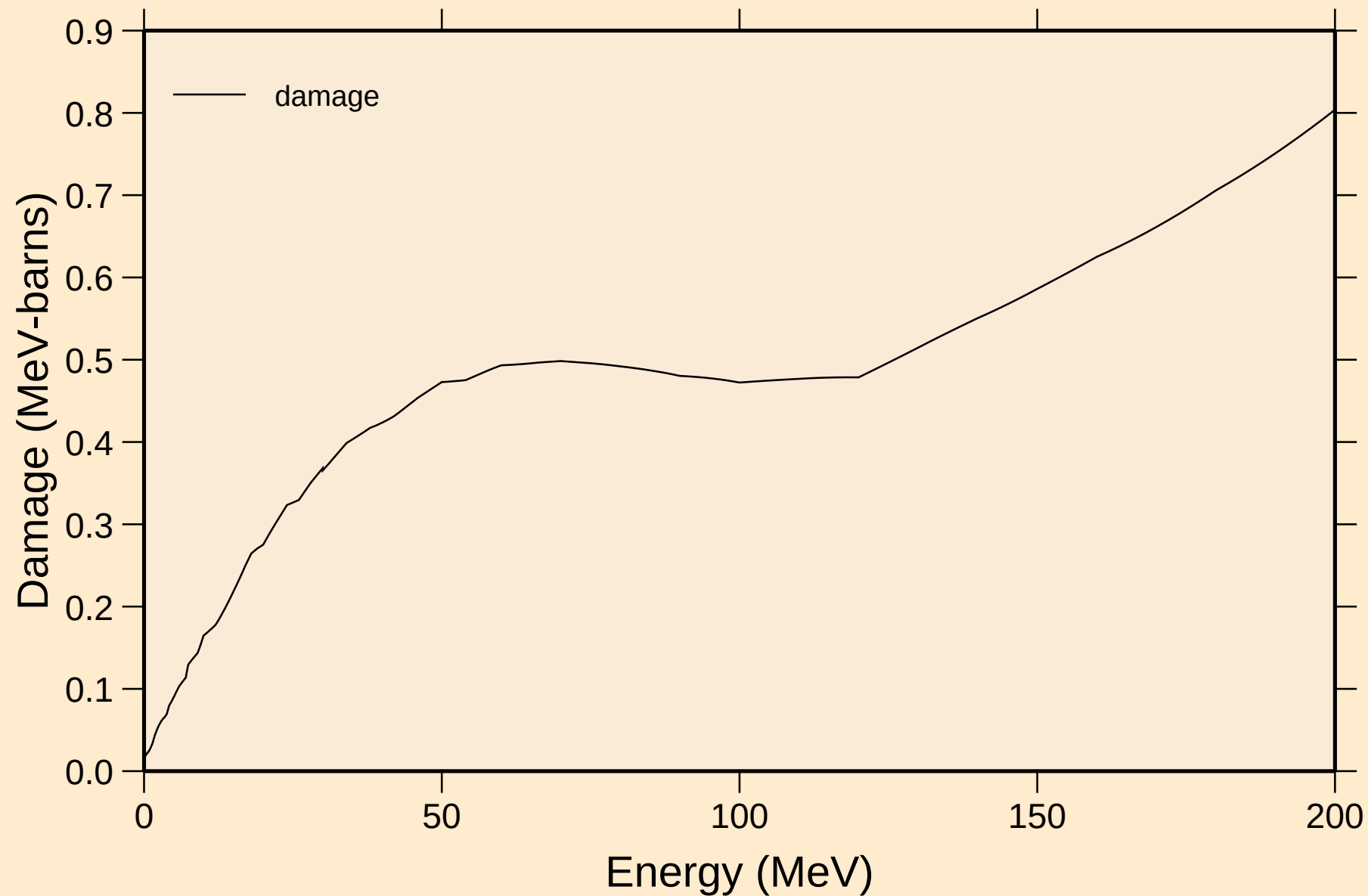
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

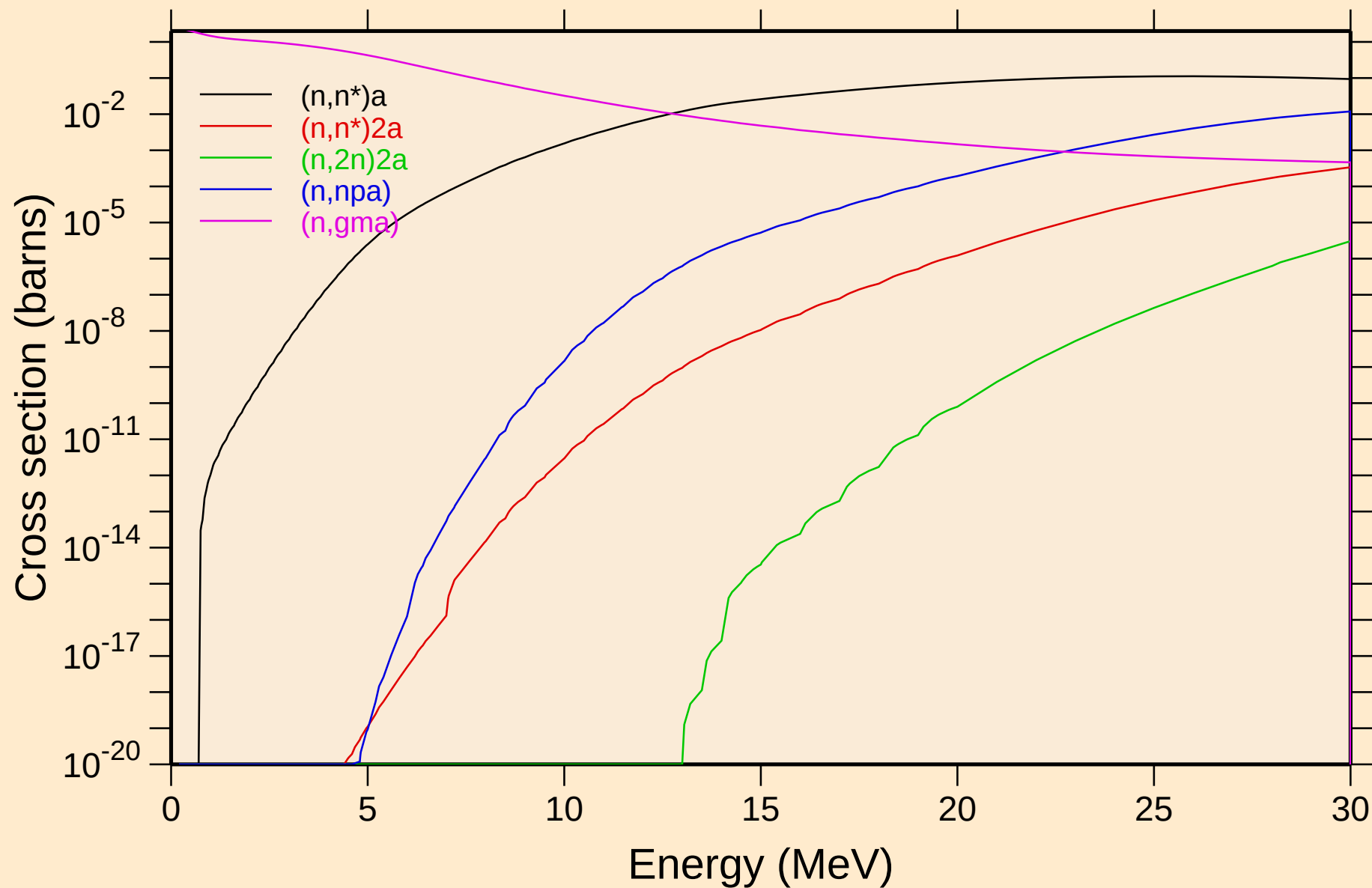


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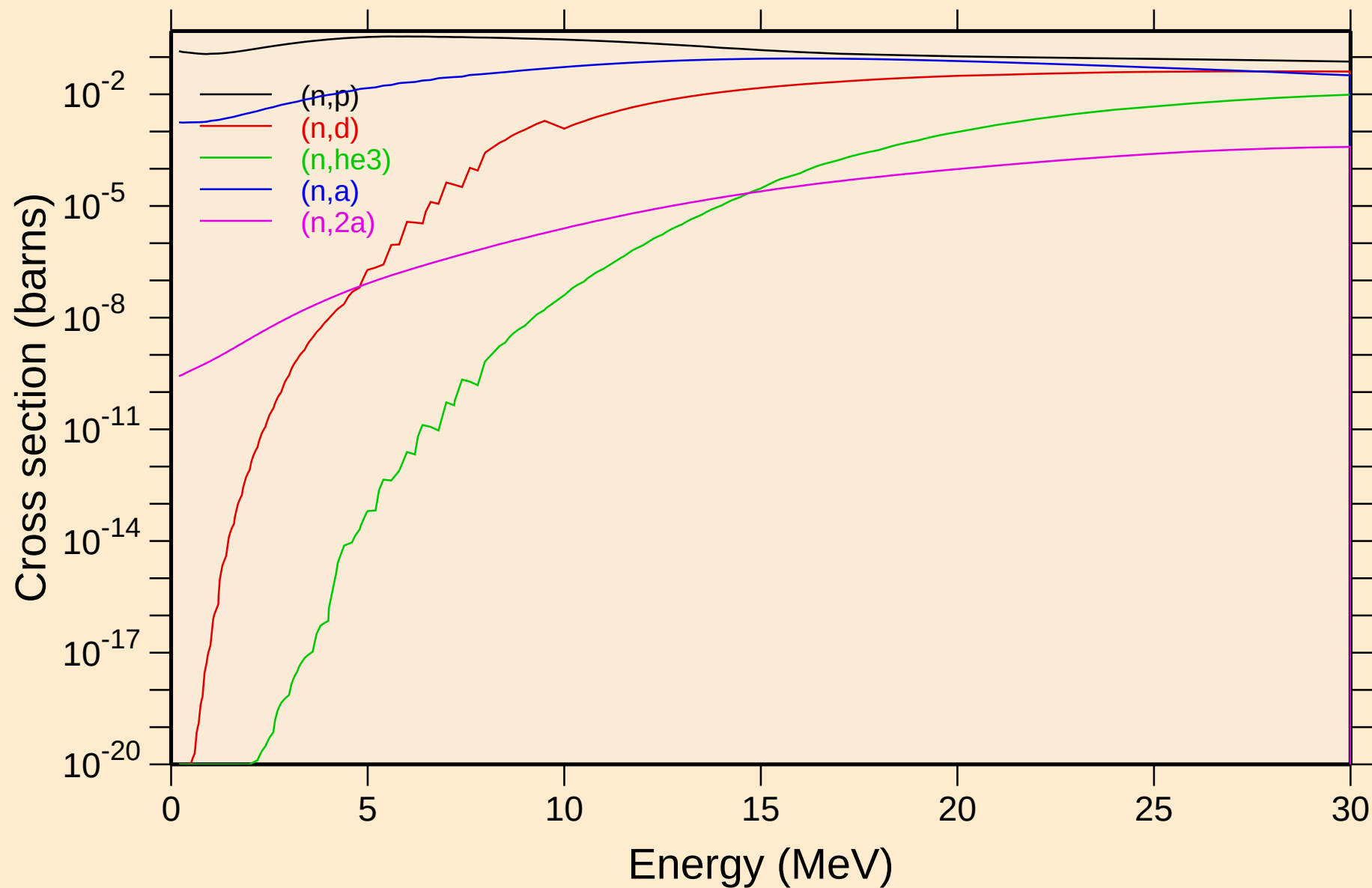
Damage



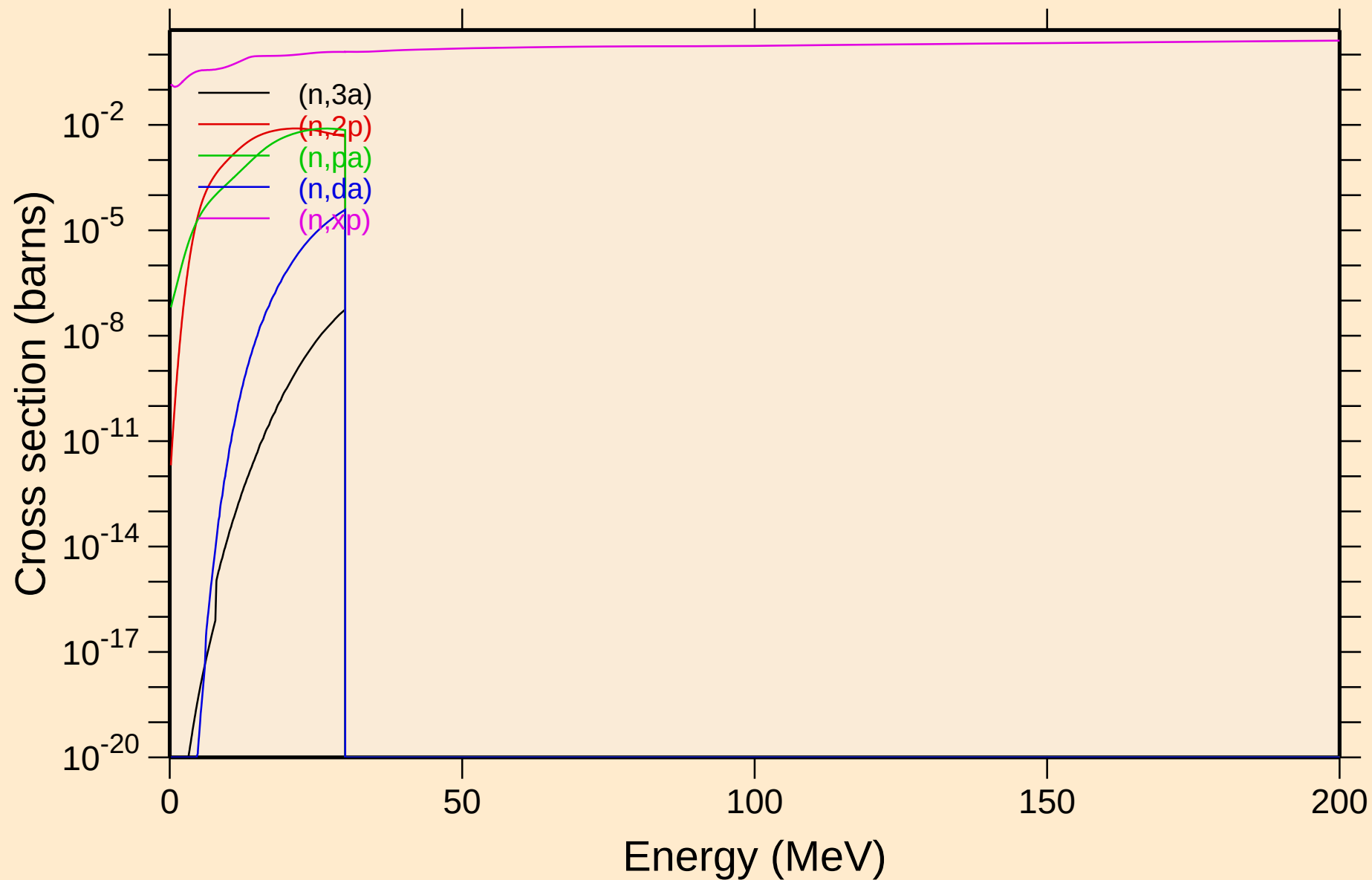
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



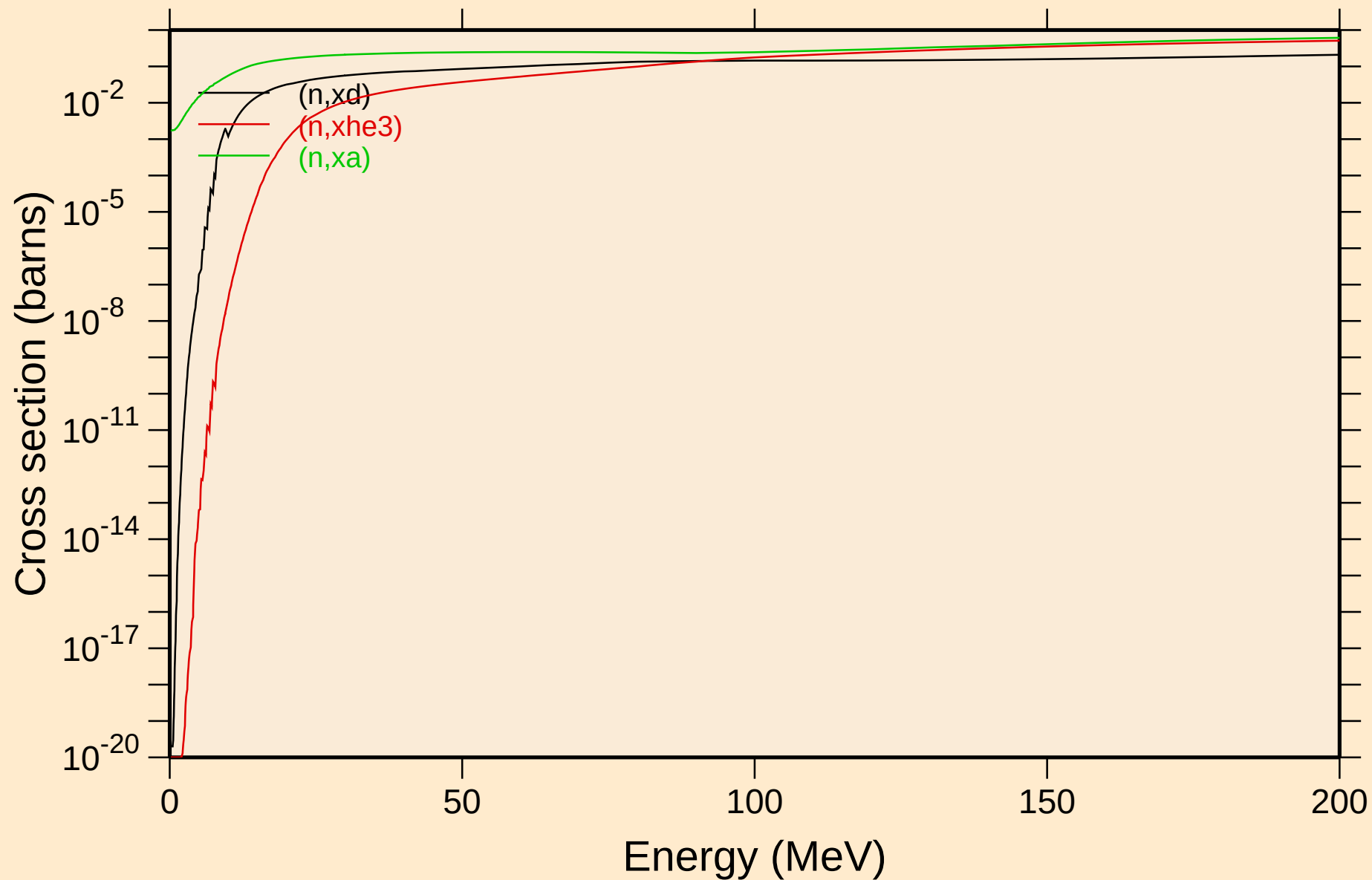
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



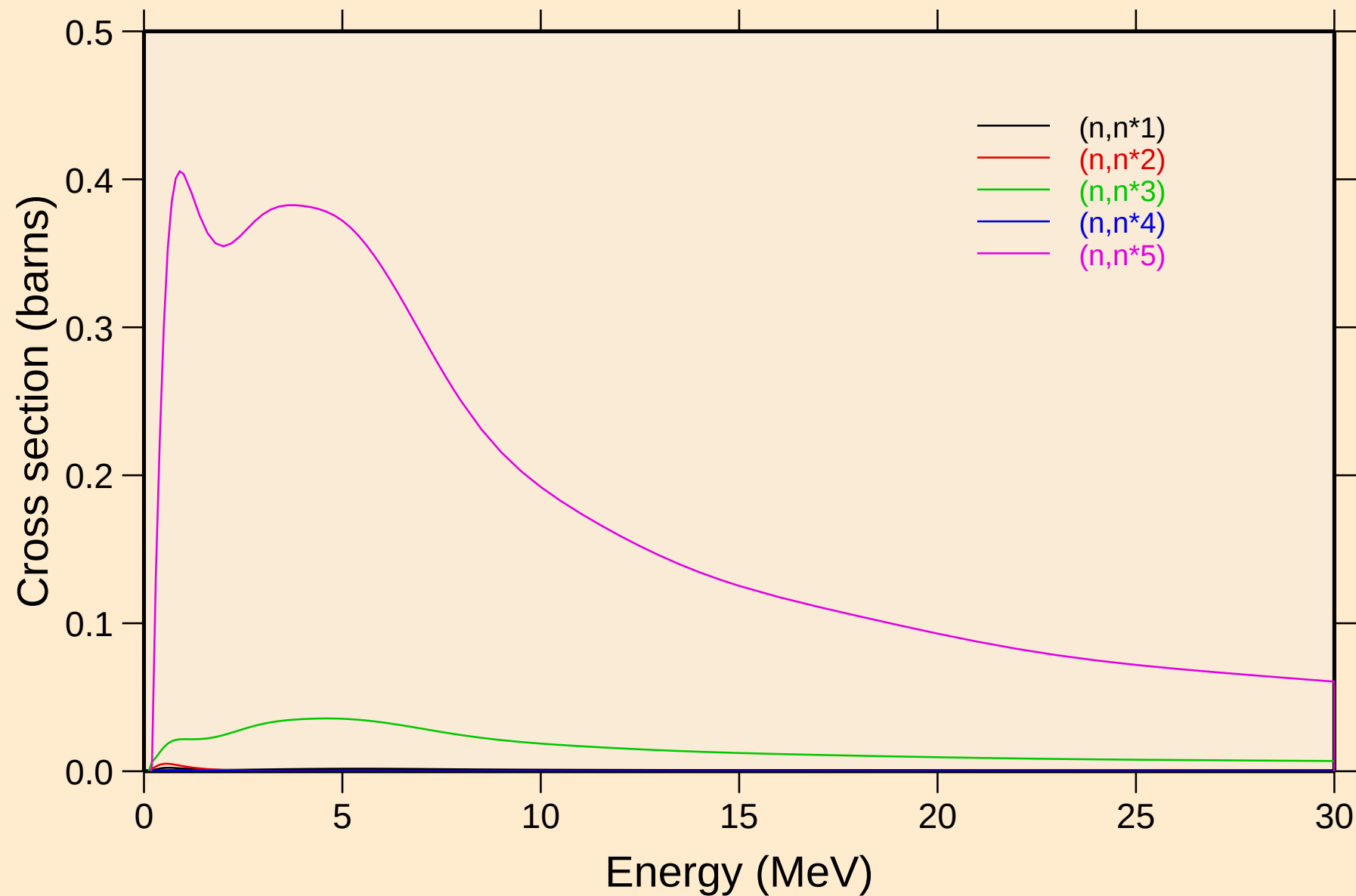
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions

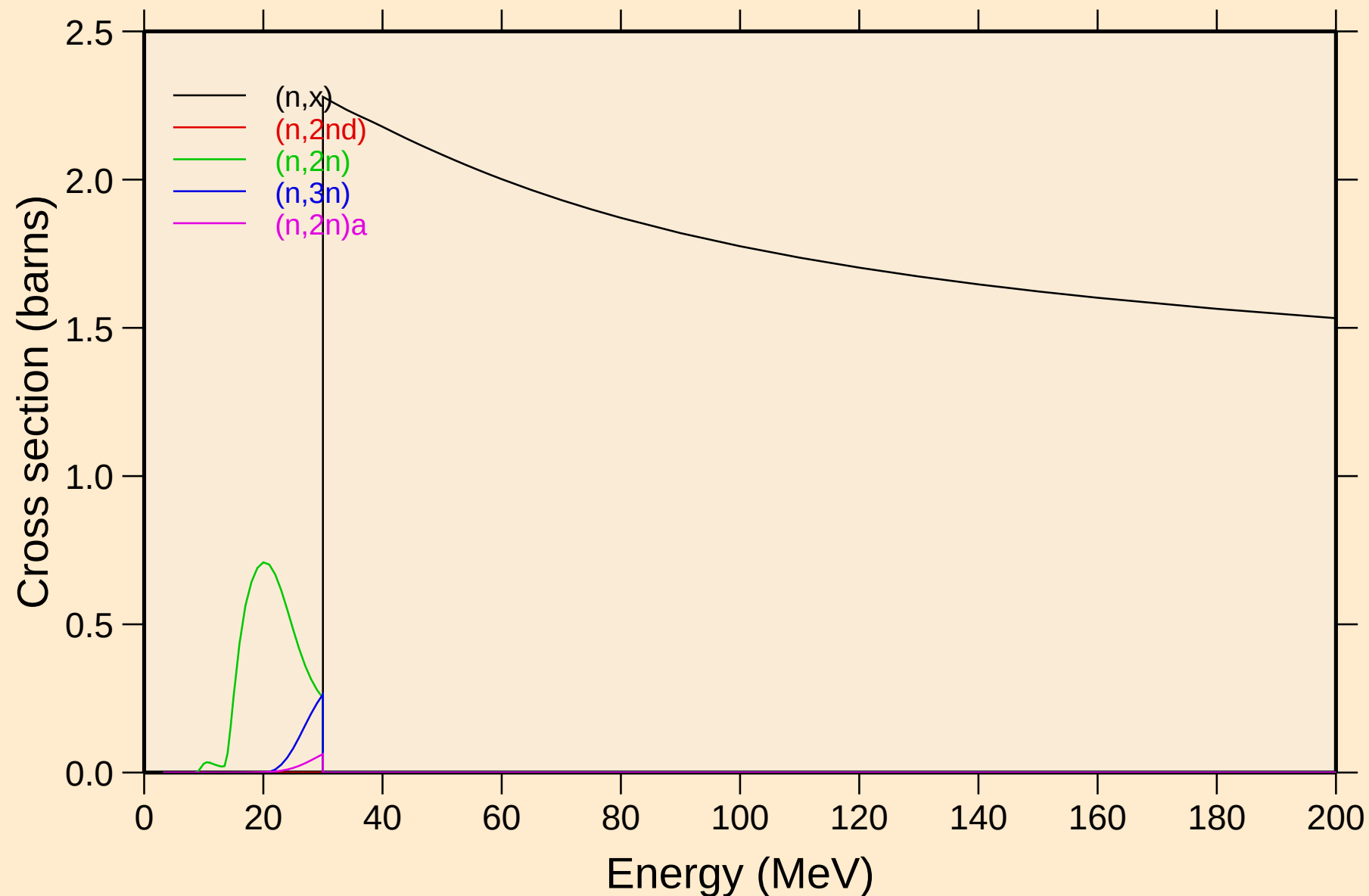


IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels

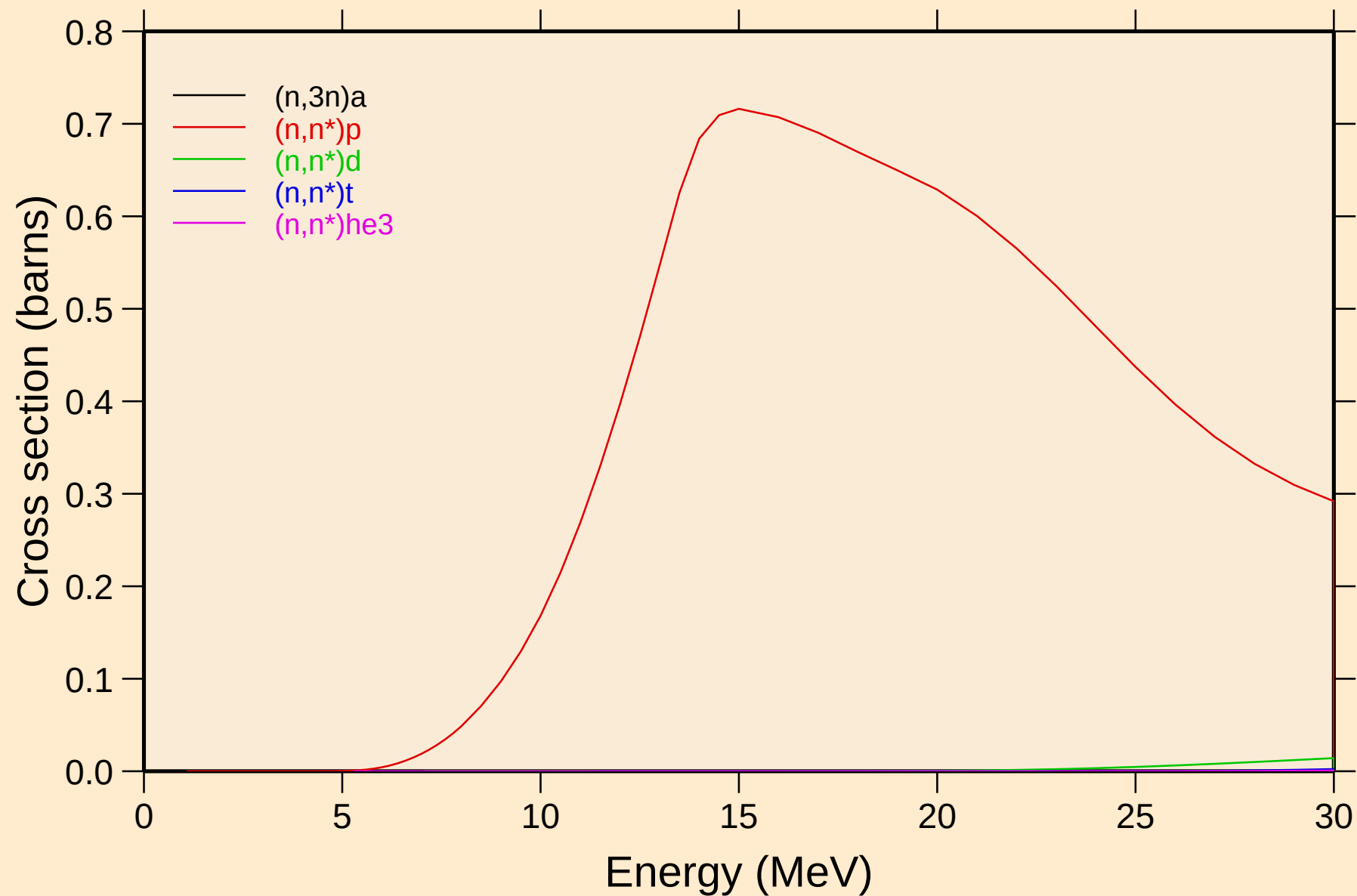


IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

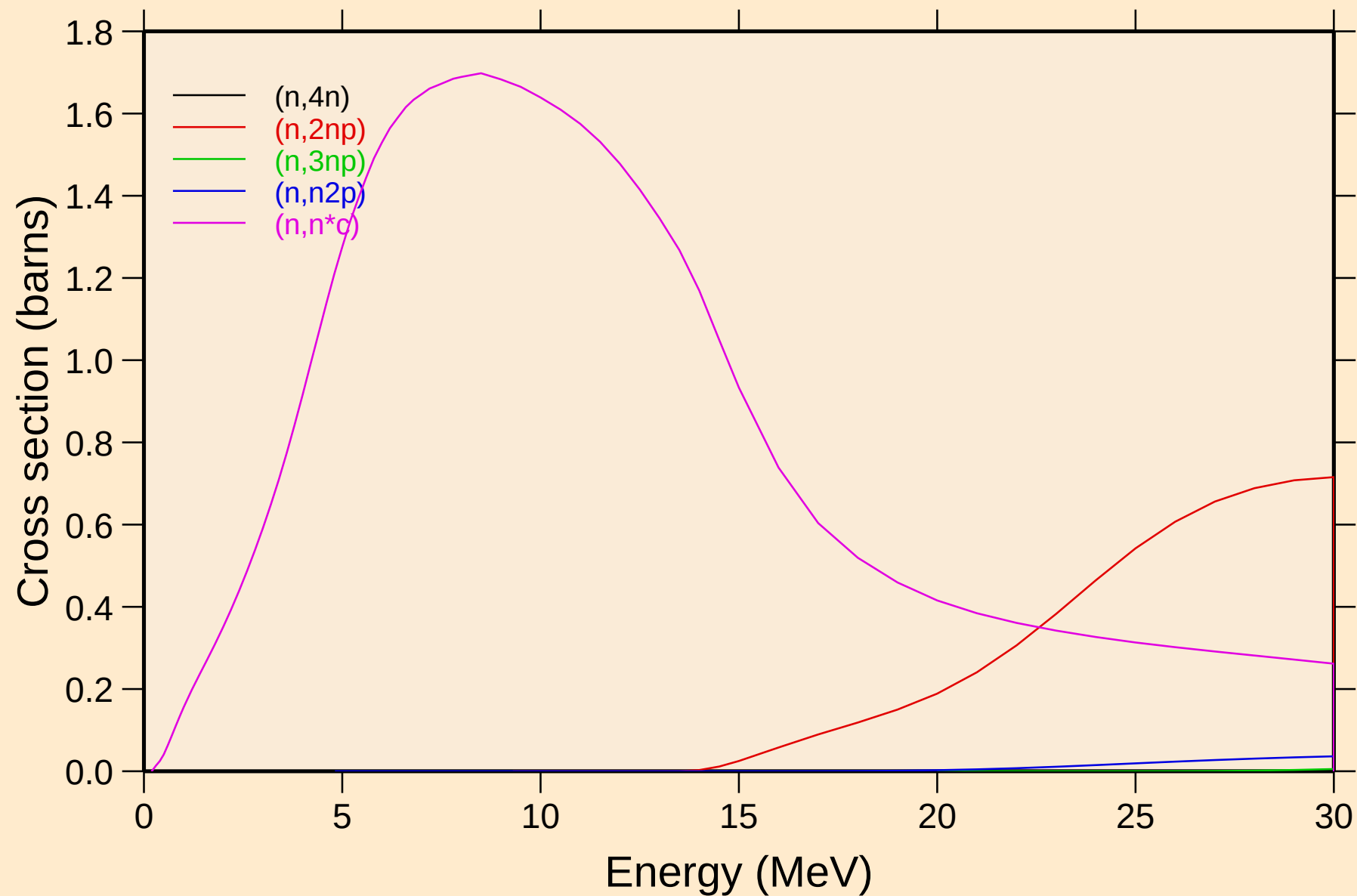
Threshold reactions



IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

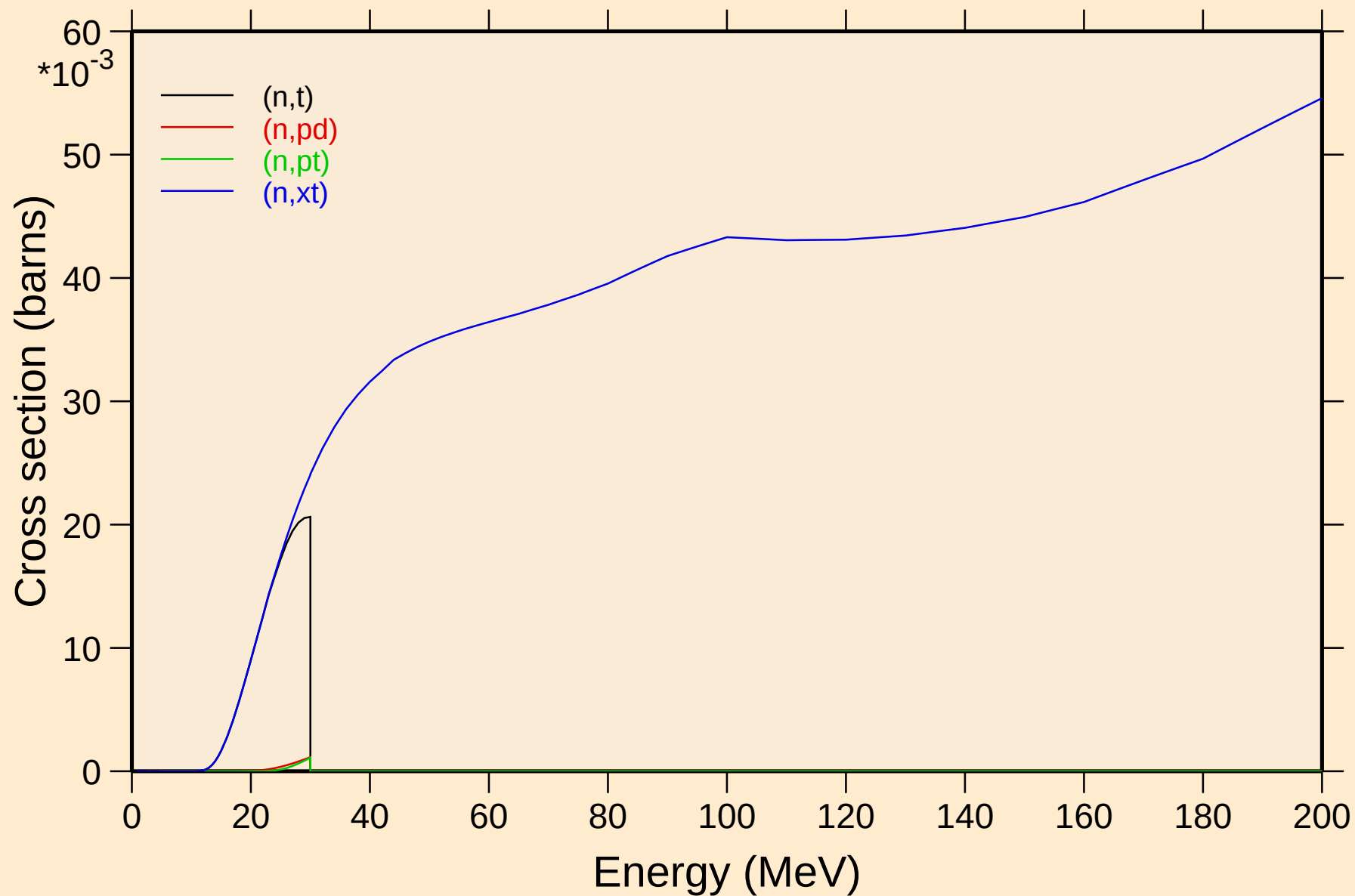


IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

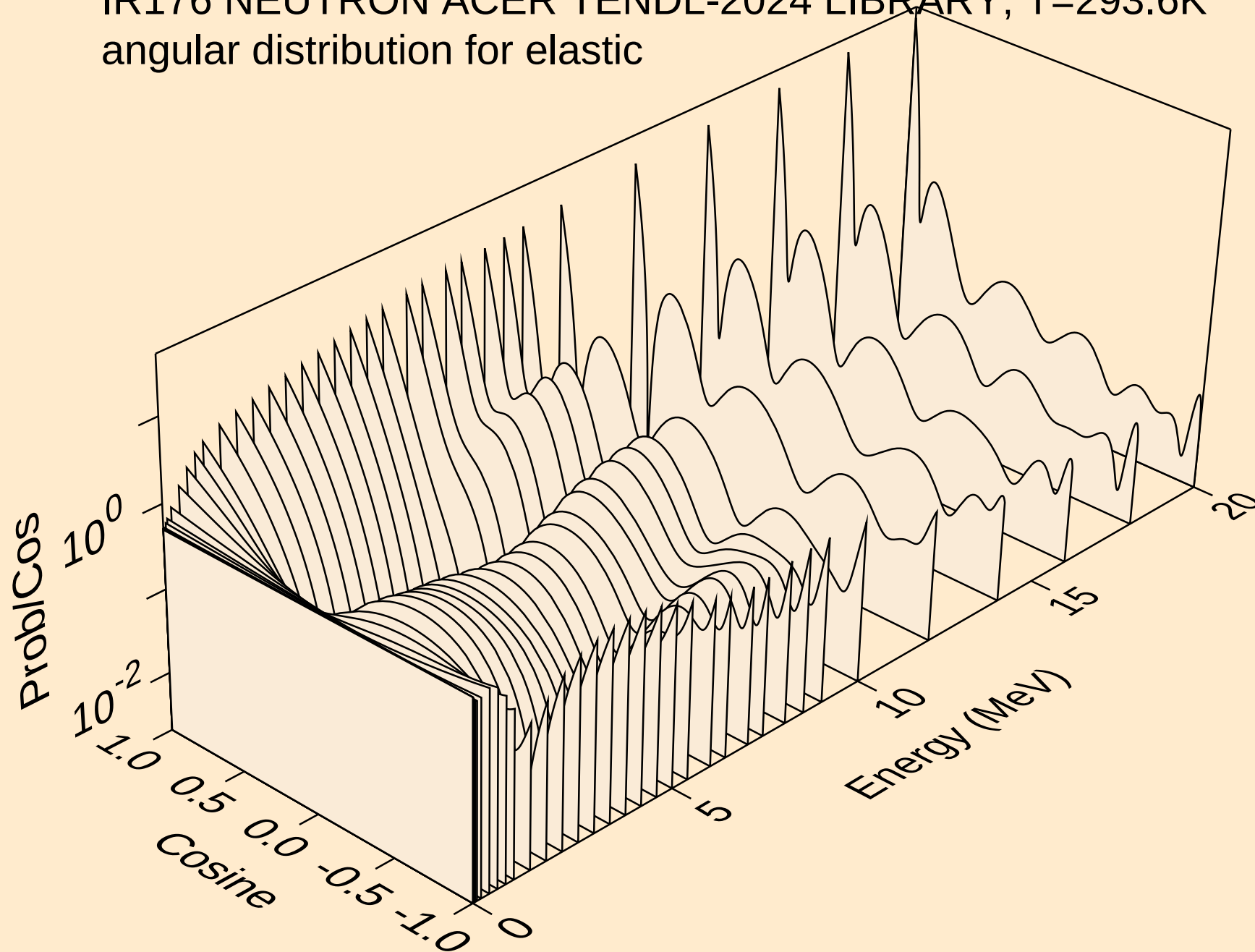


IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

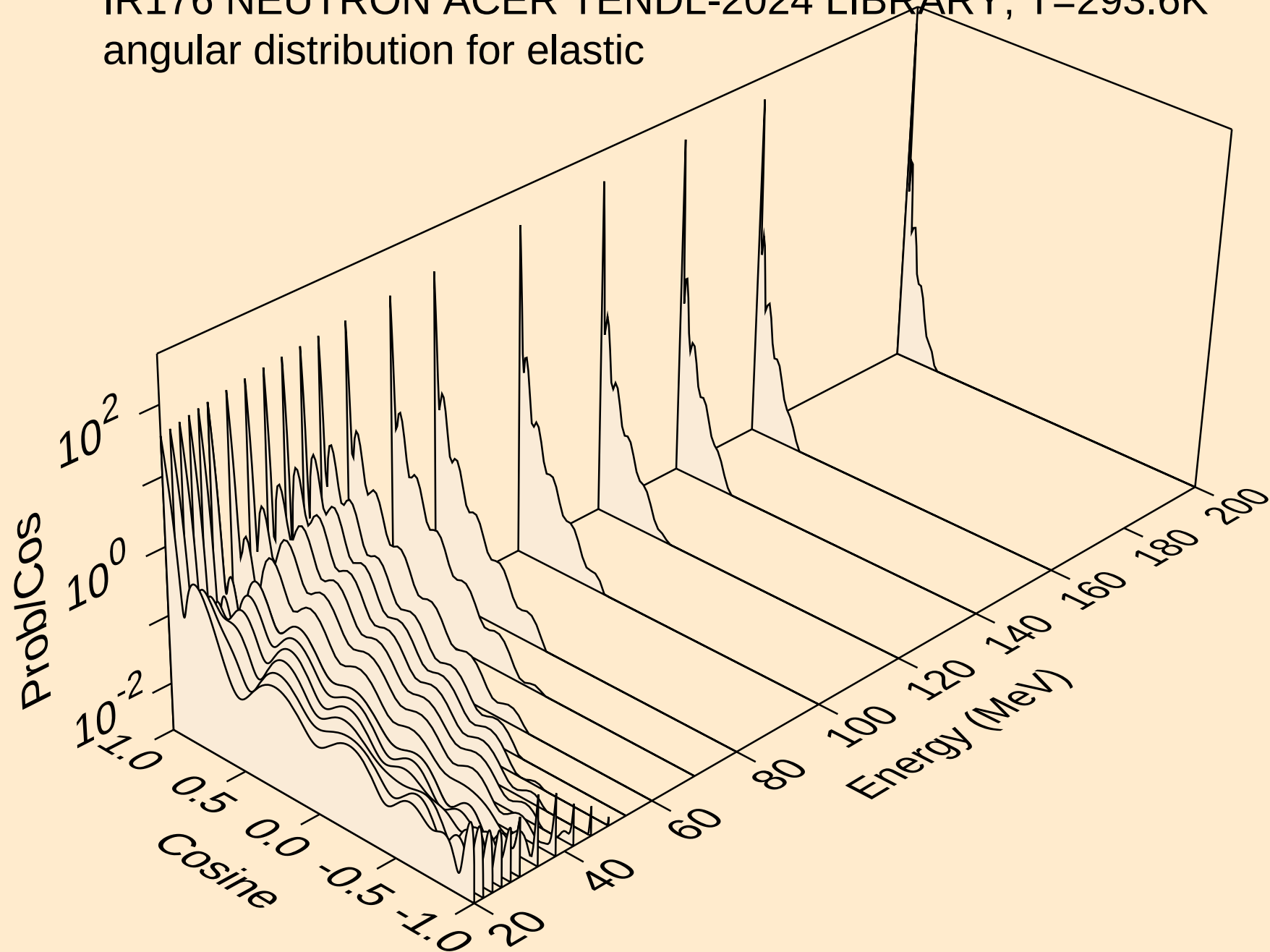
Threshold reactions



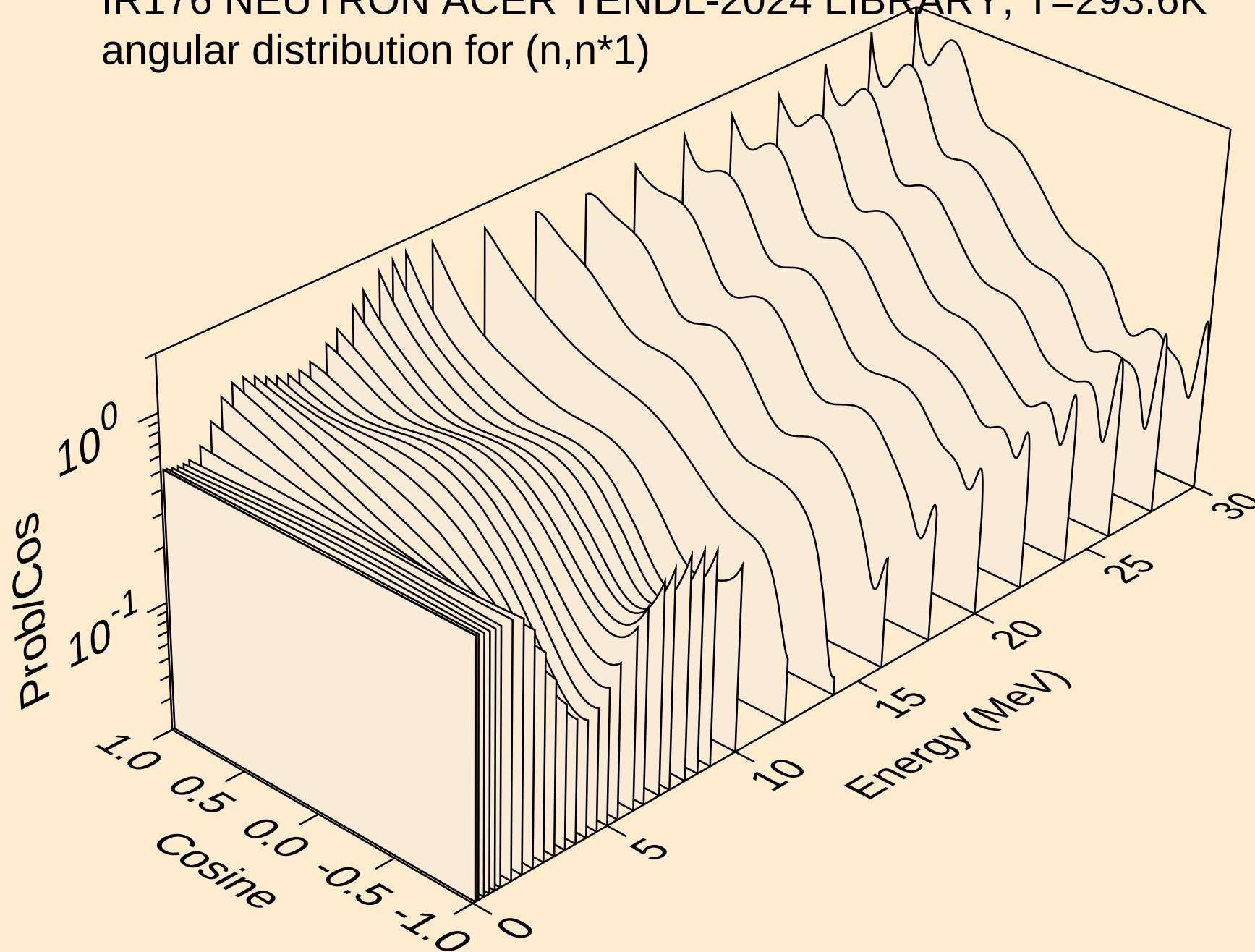
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



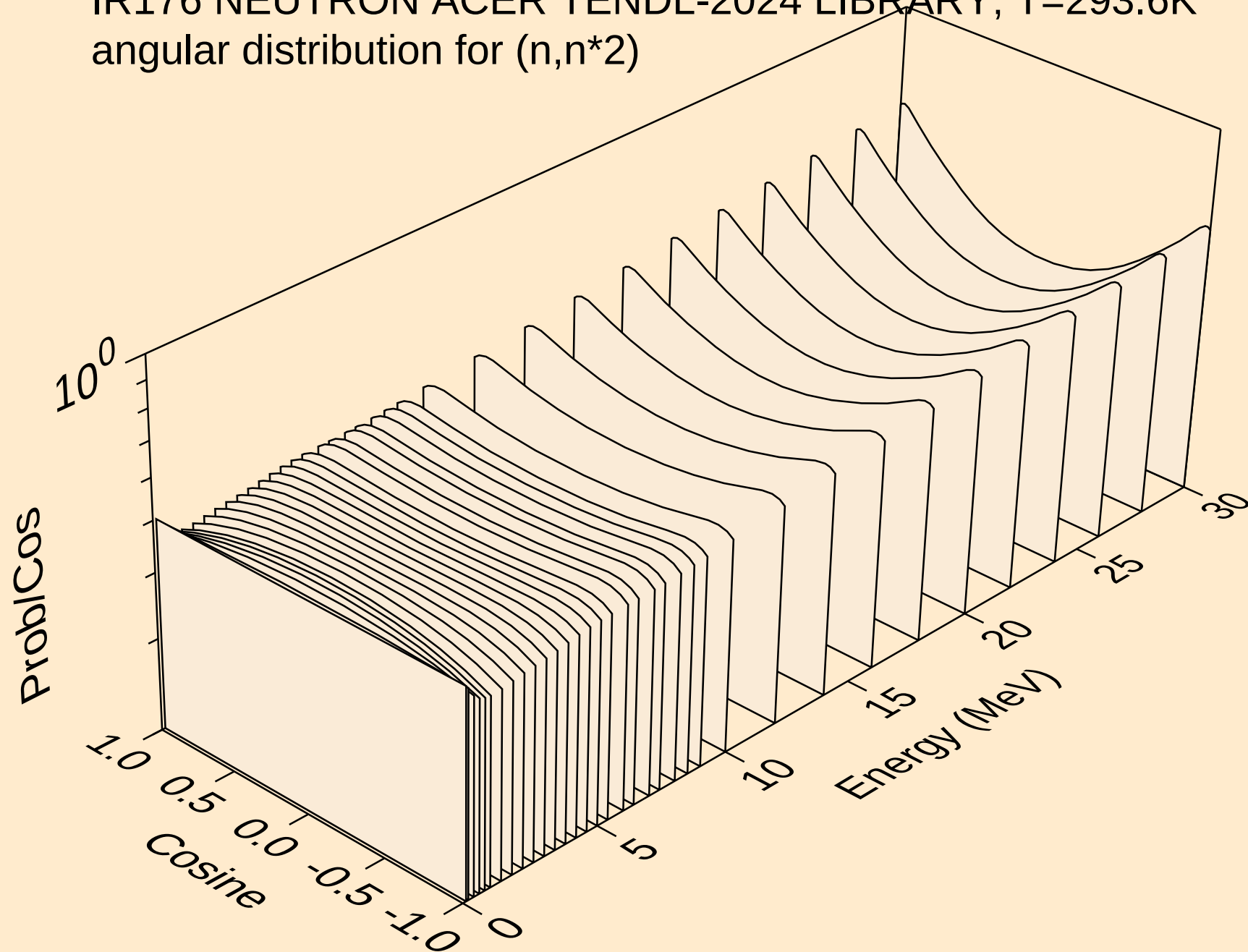
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



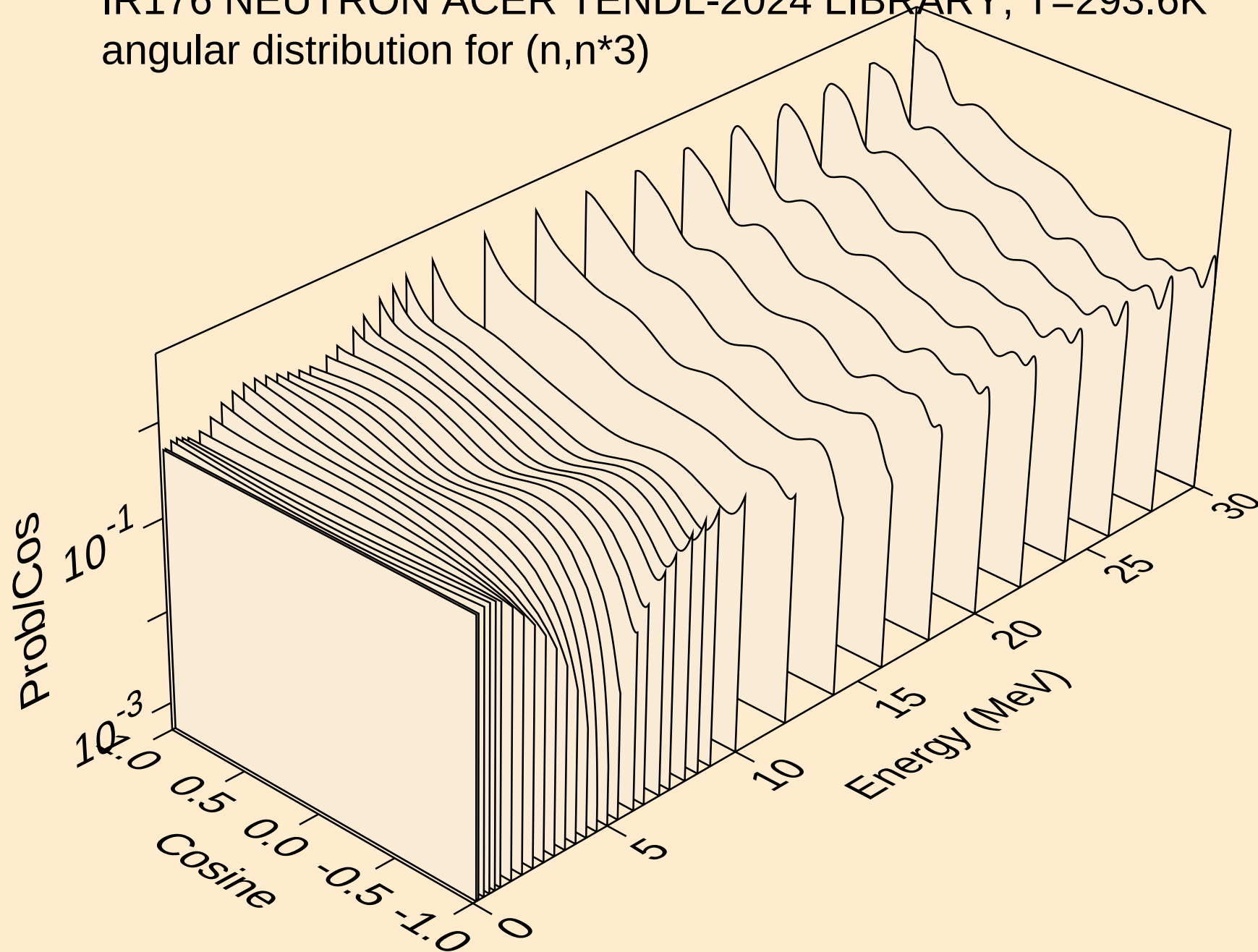
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*1)



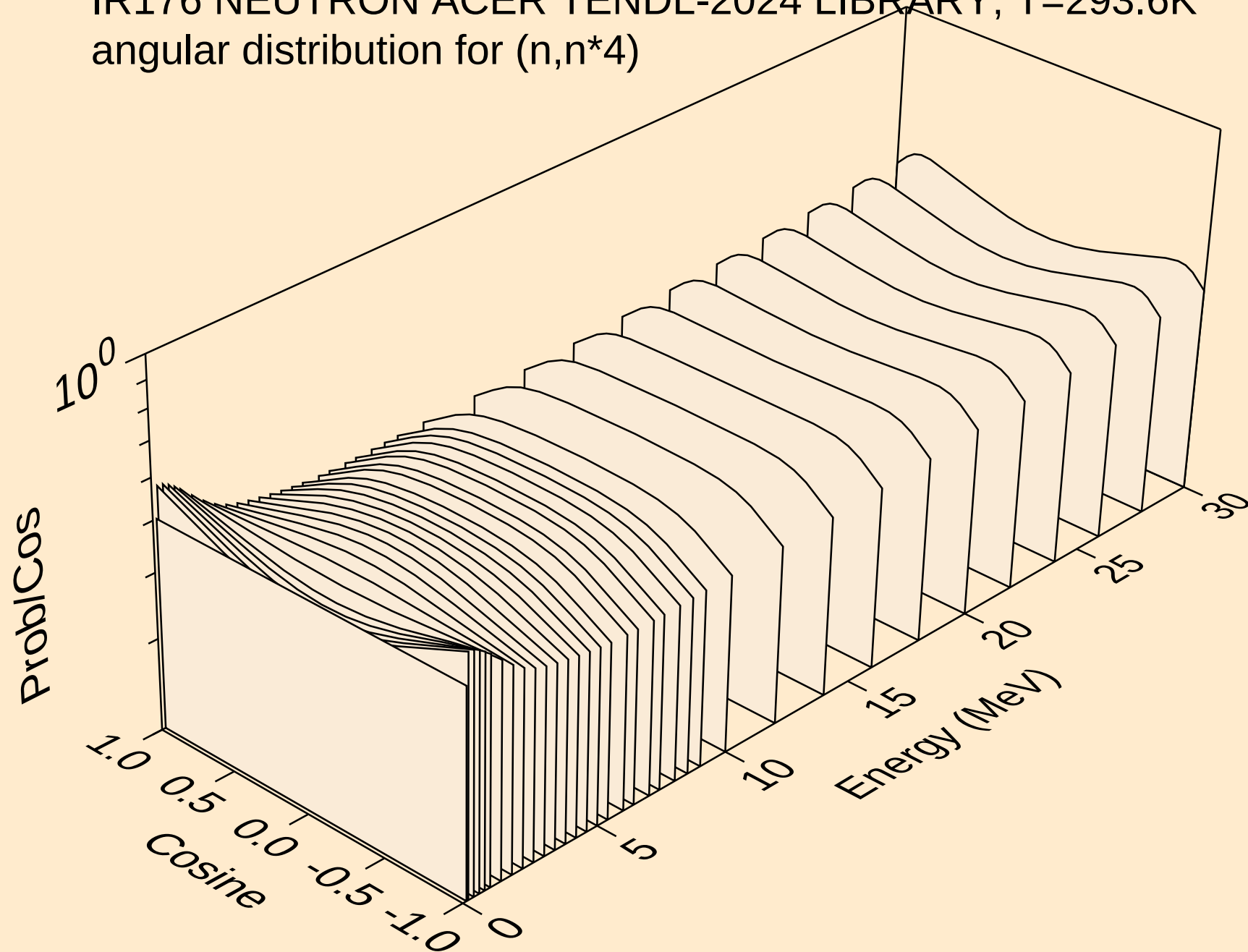
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*2)



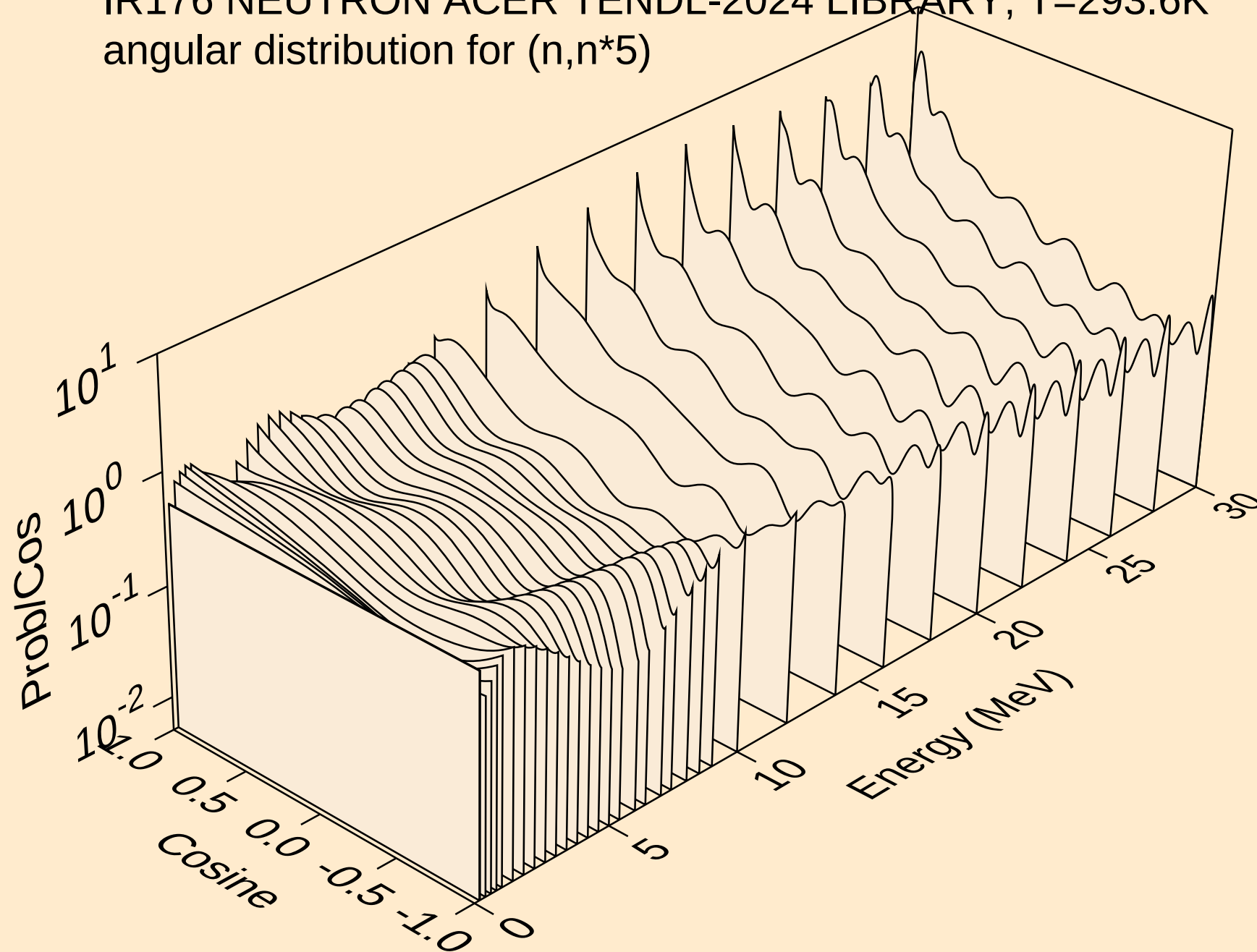
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*3)



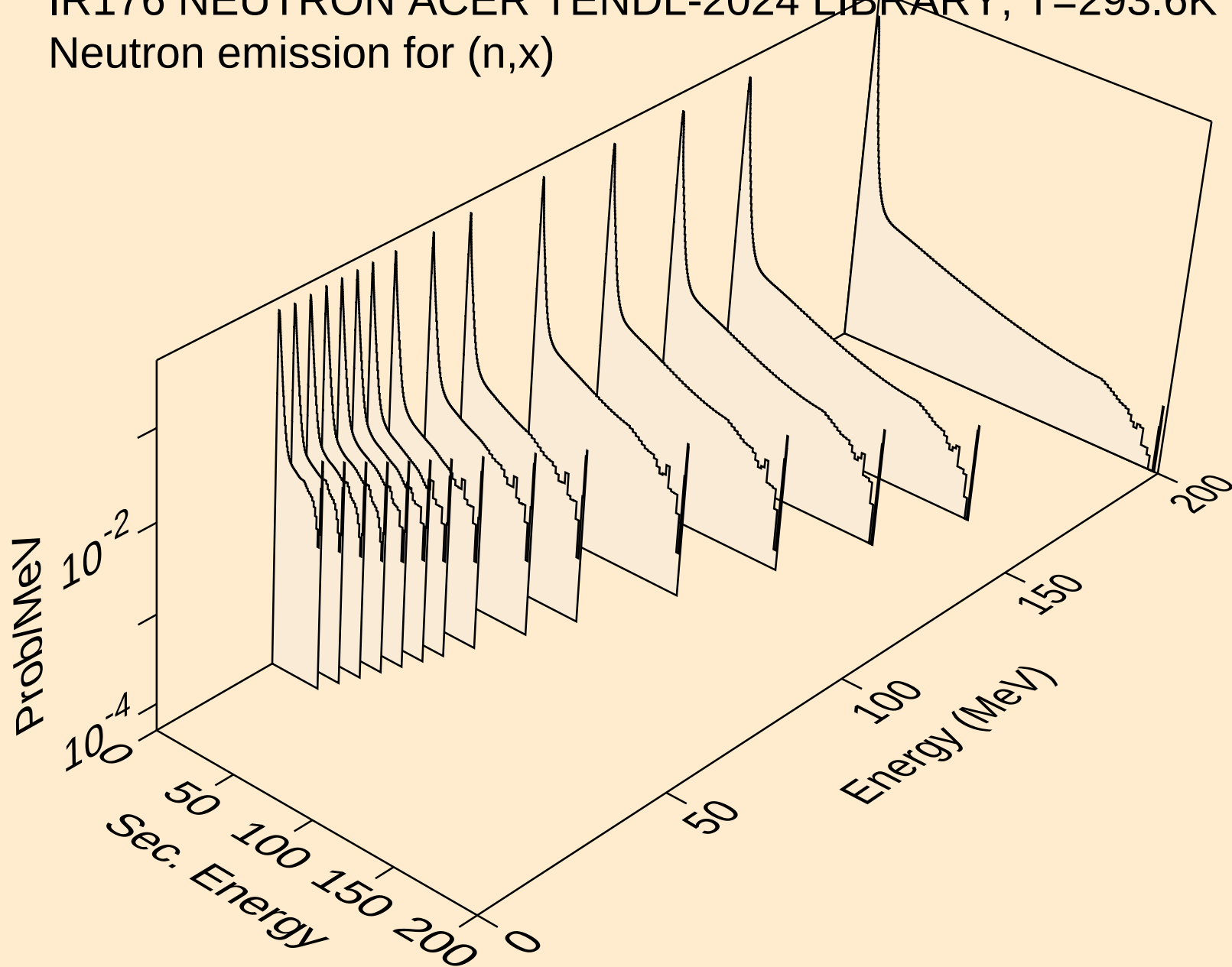
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angular distribution for (n,n*4)



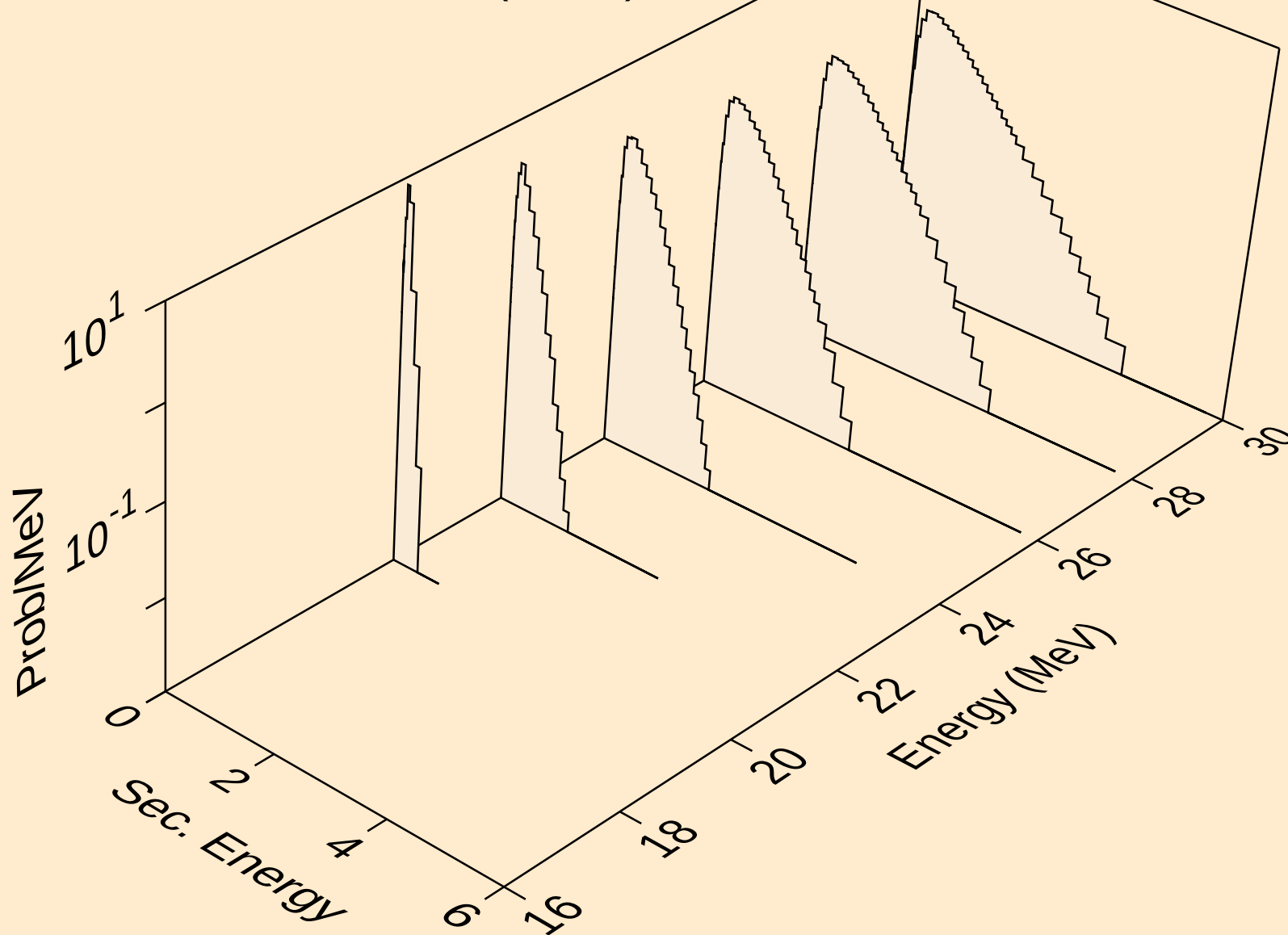
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*5)



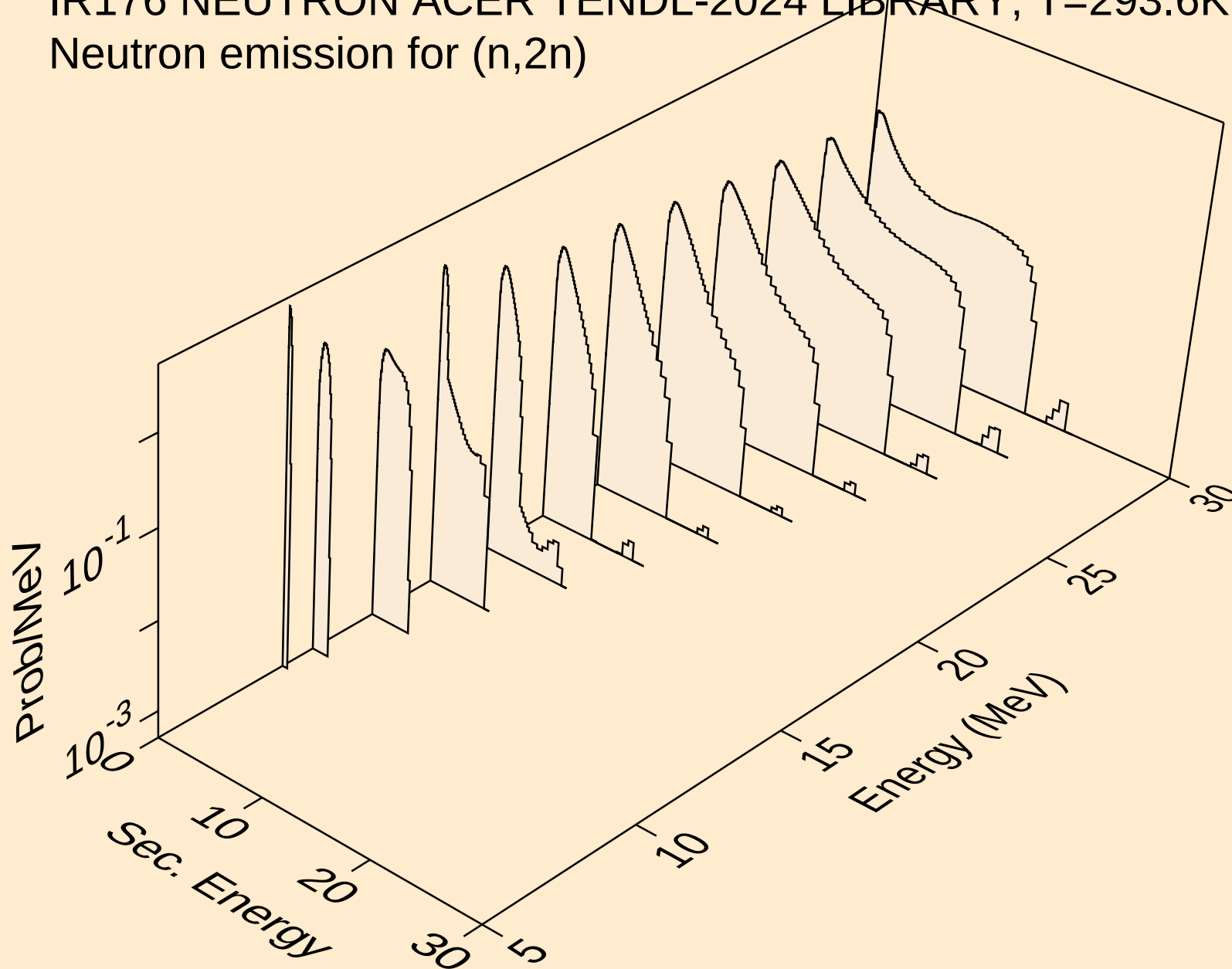
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,x)



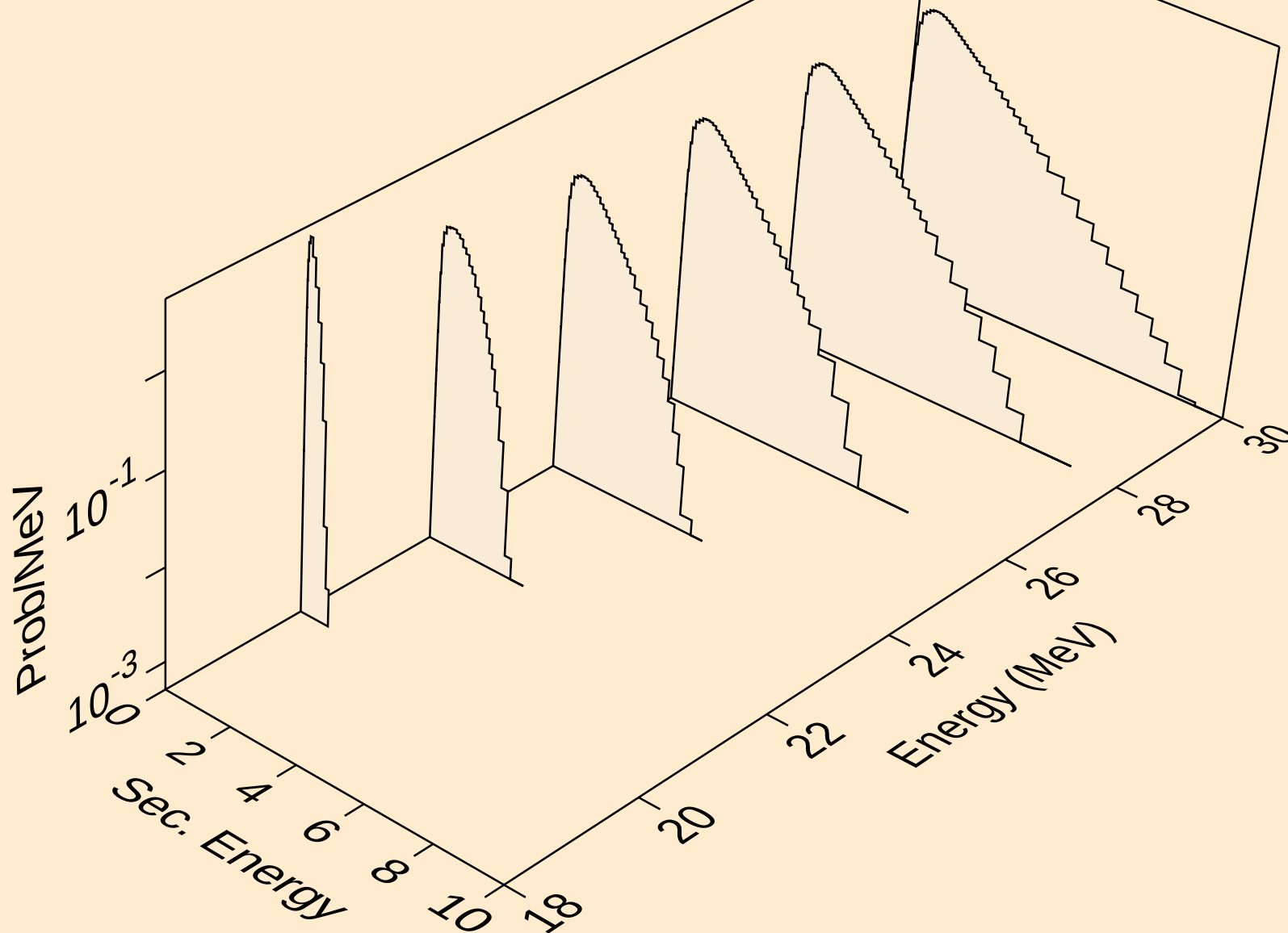
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



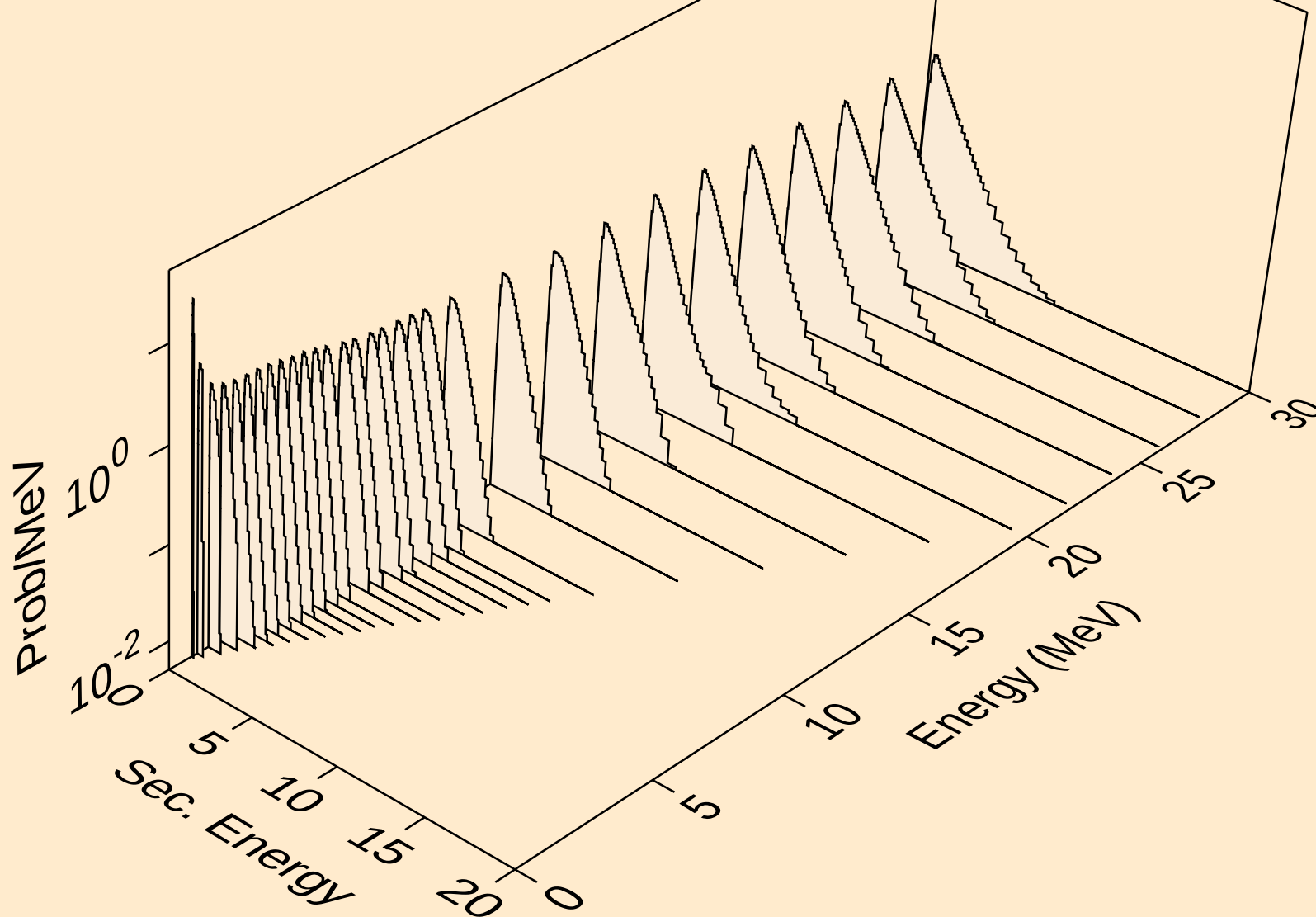
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)



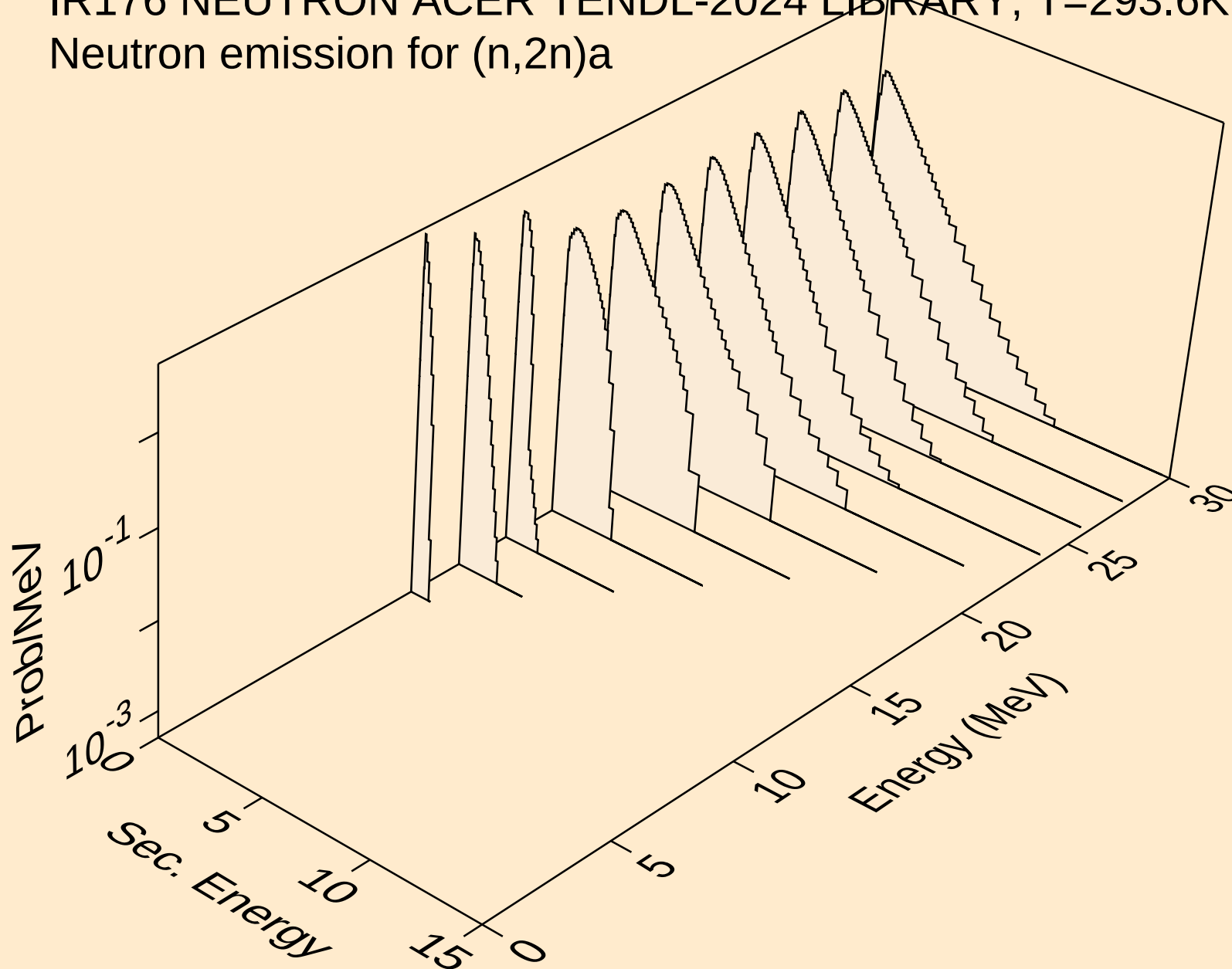
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)



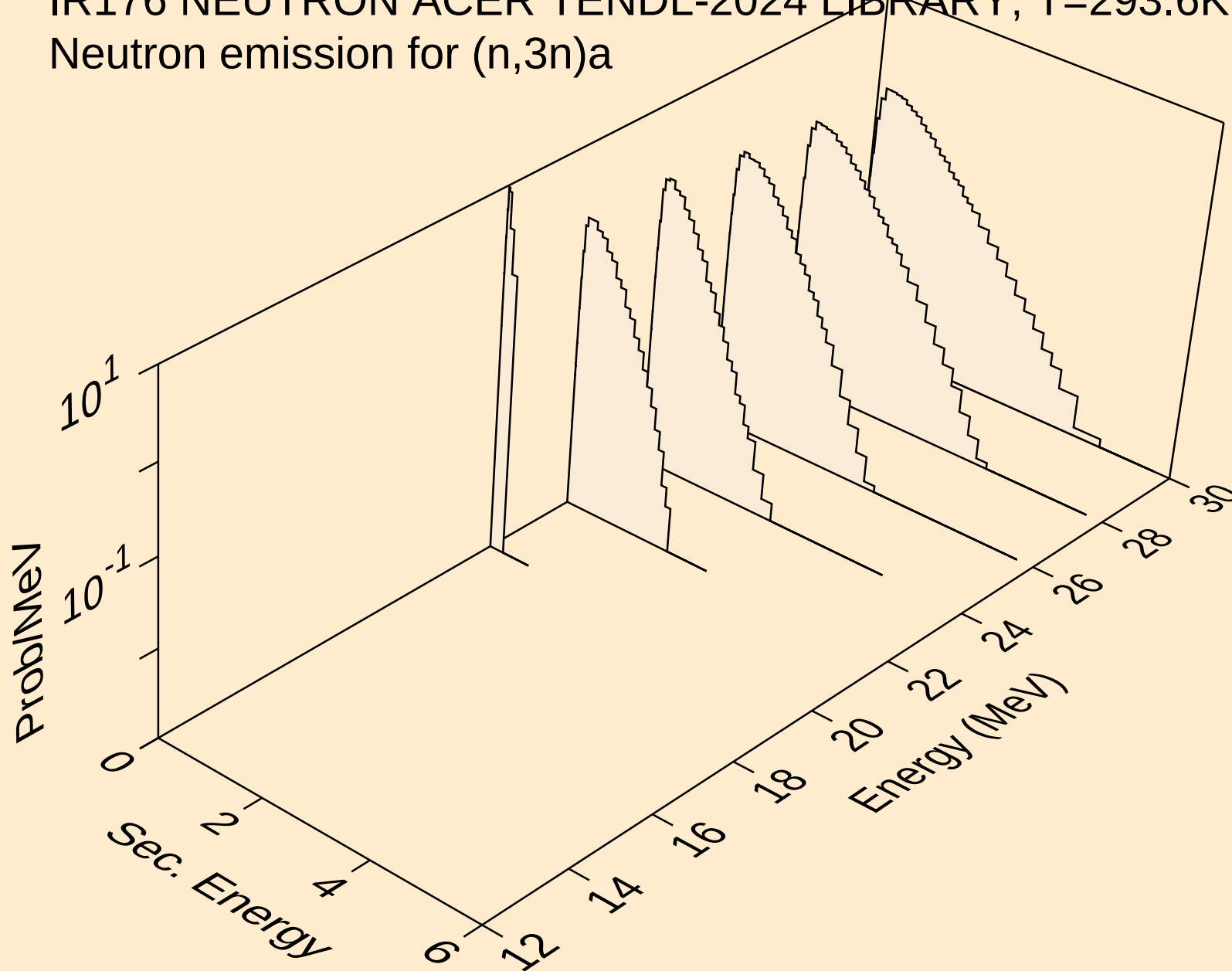
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)a



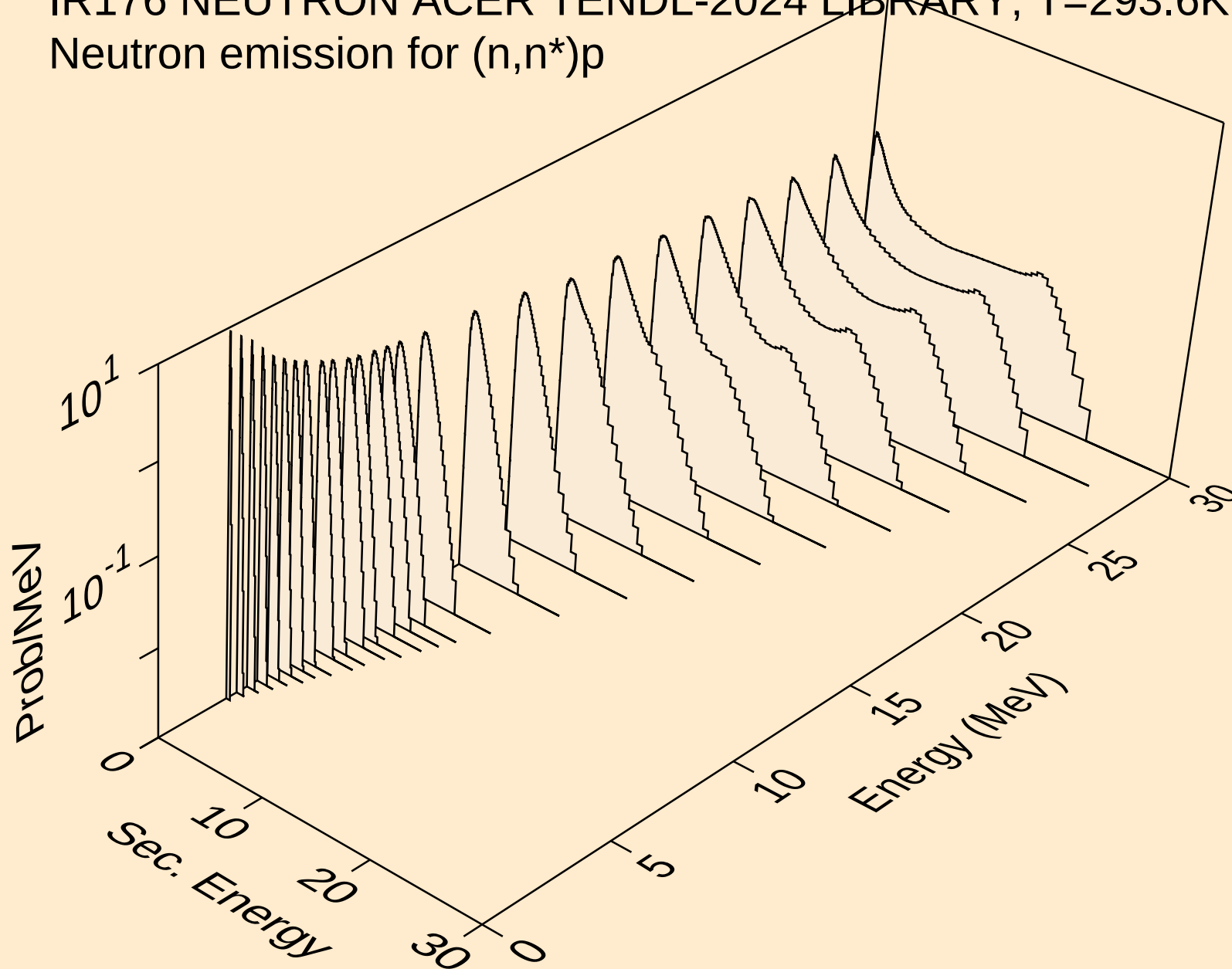
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)_a



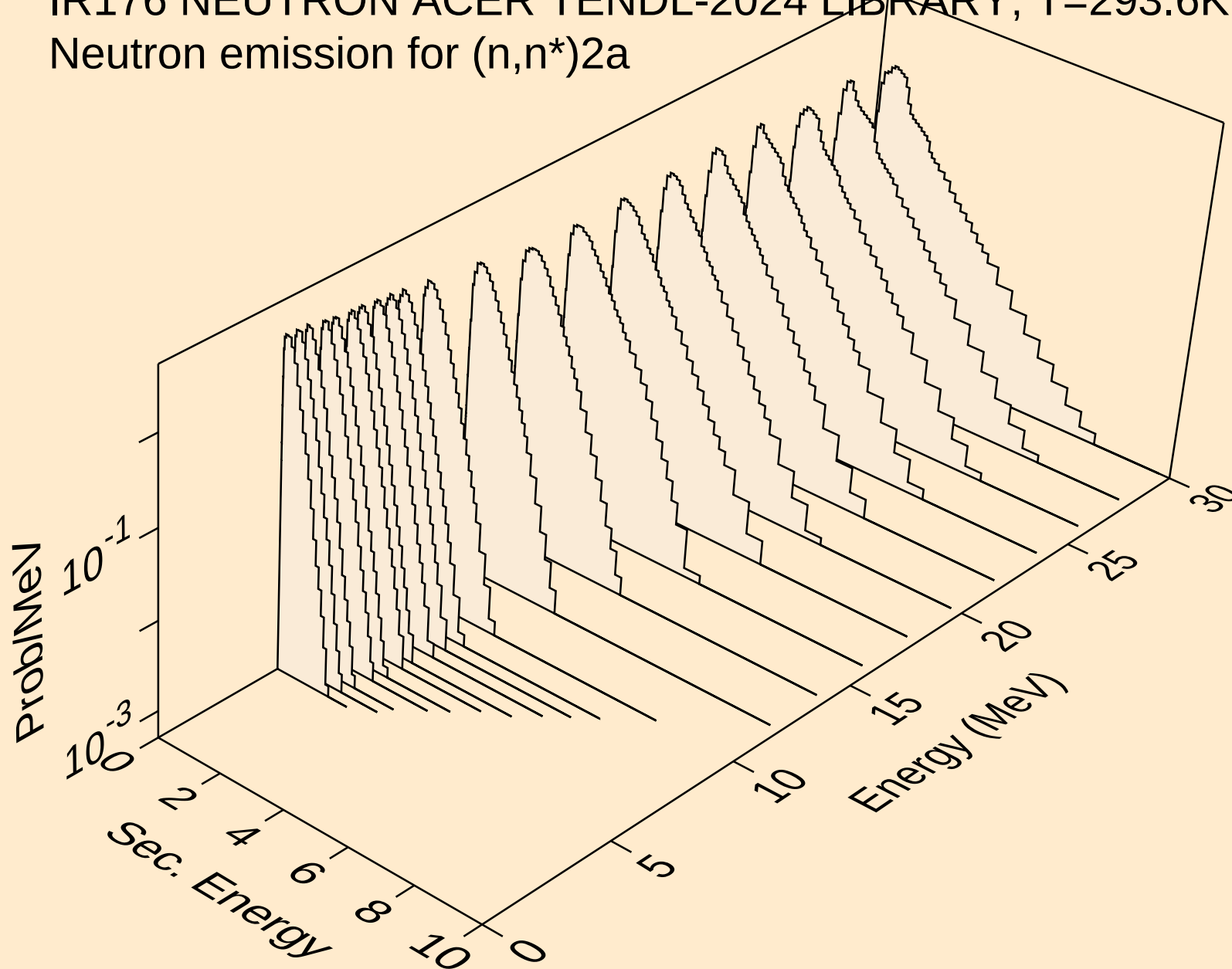
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n) α



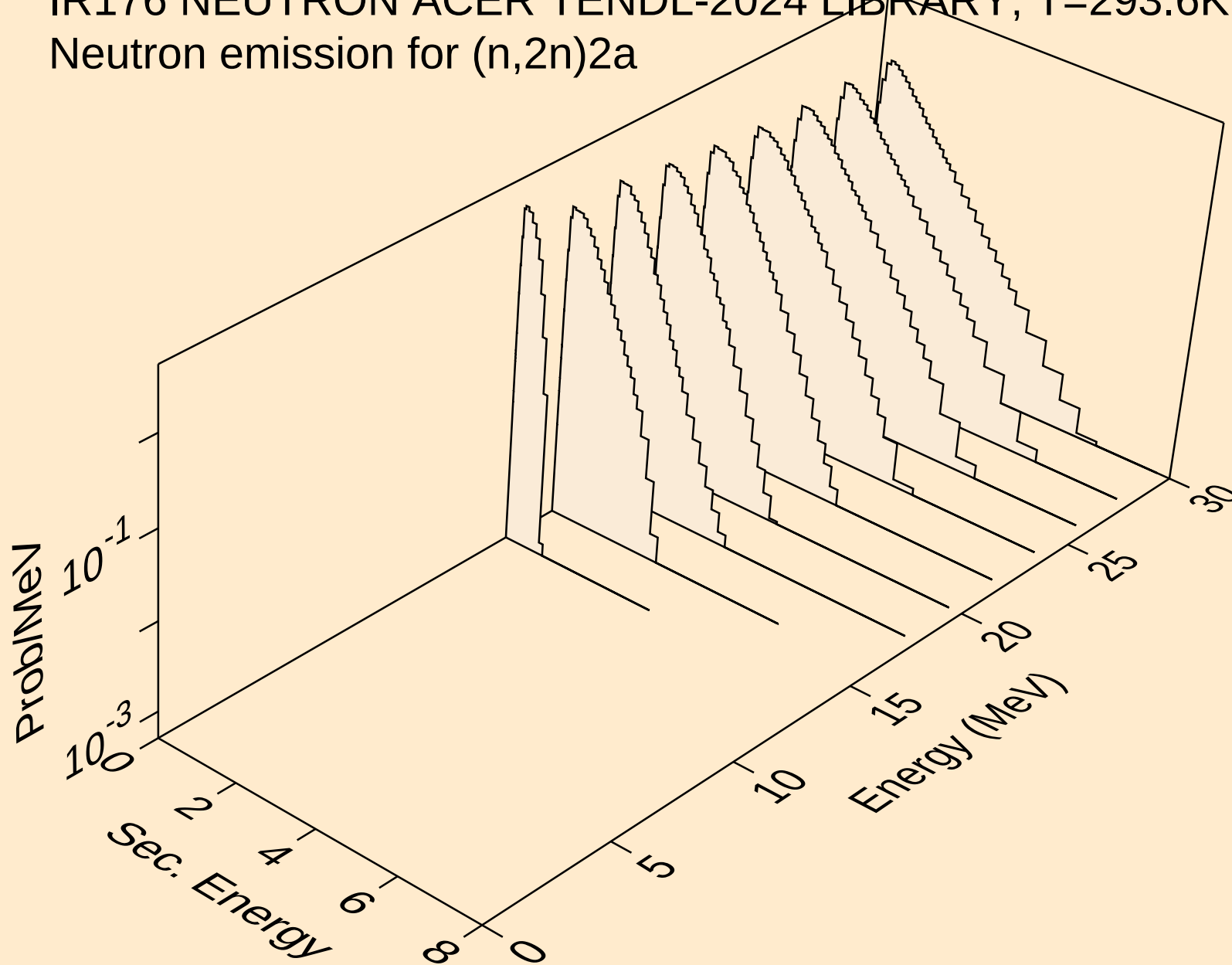
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



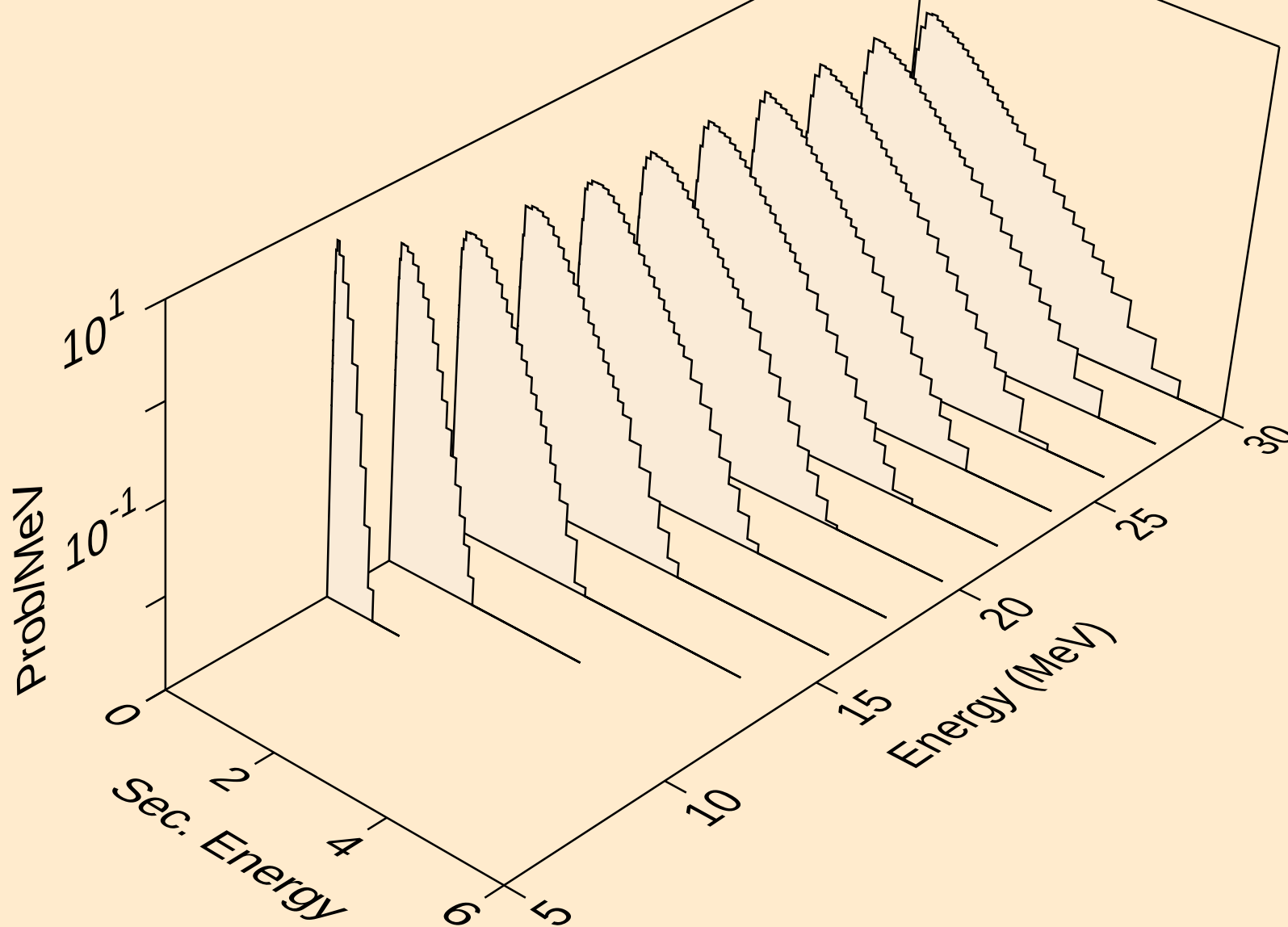
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)2a



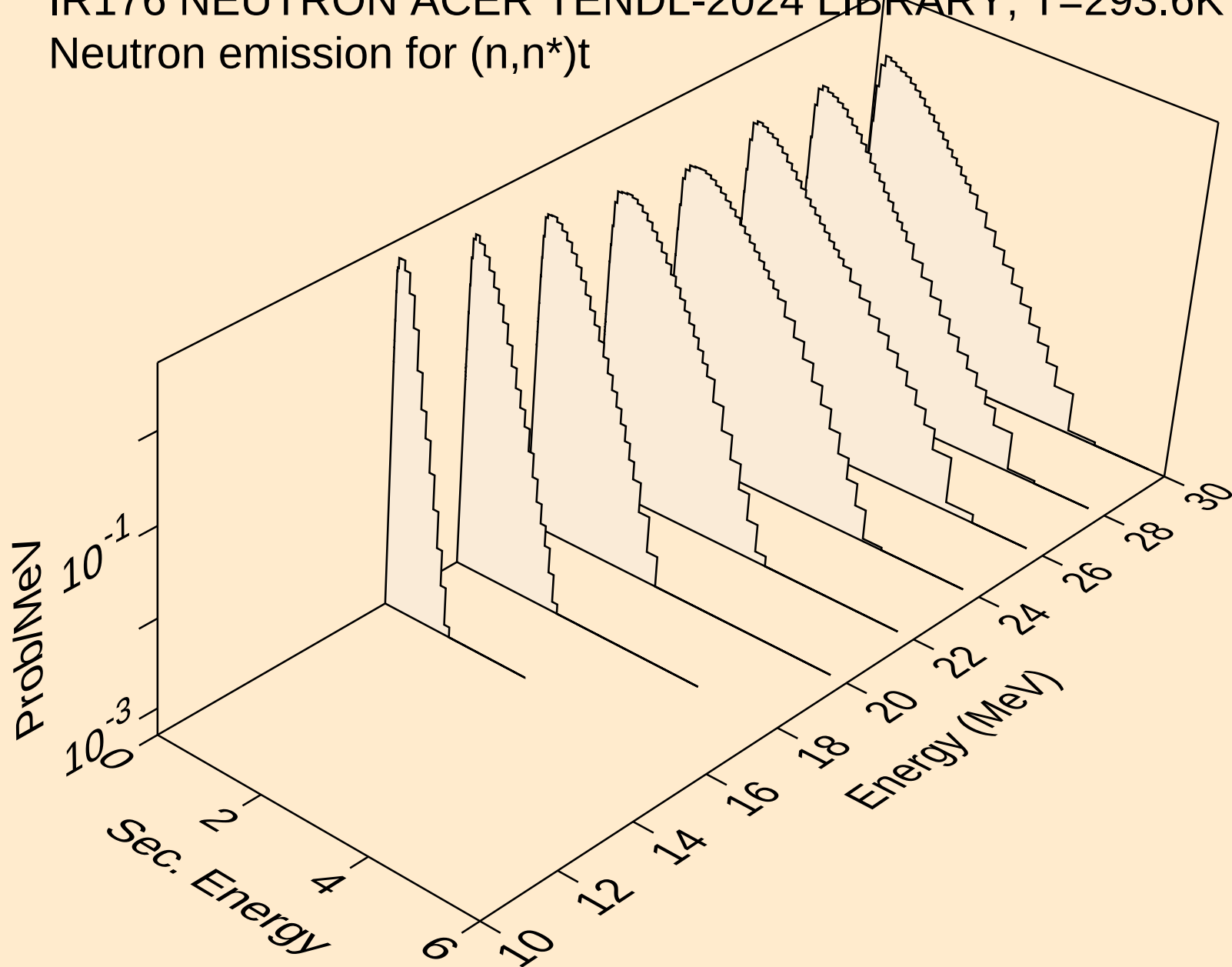
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)2a



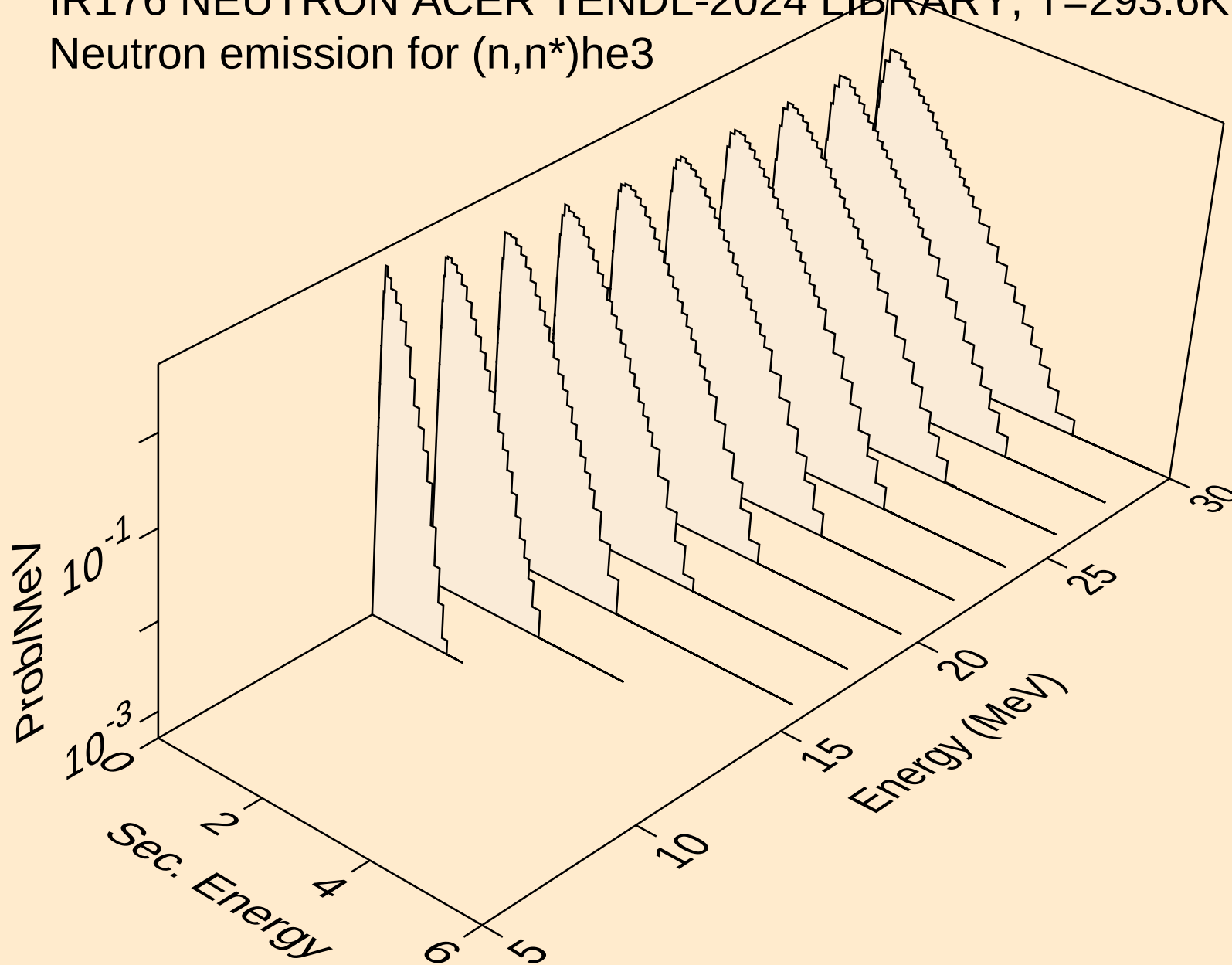
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



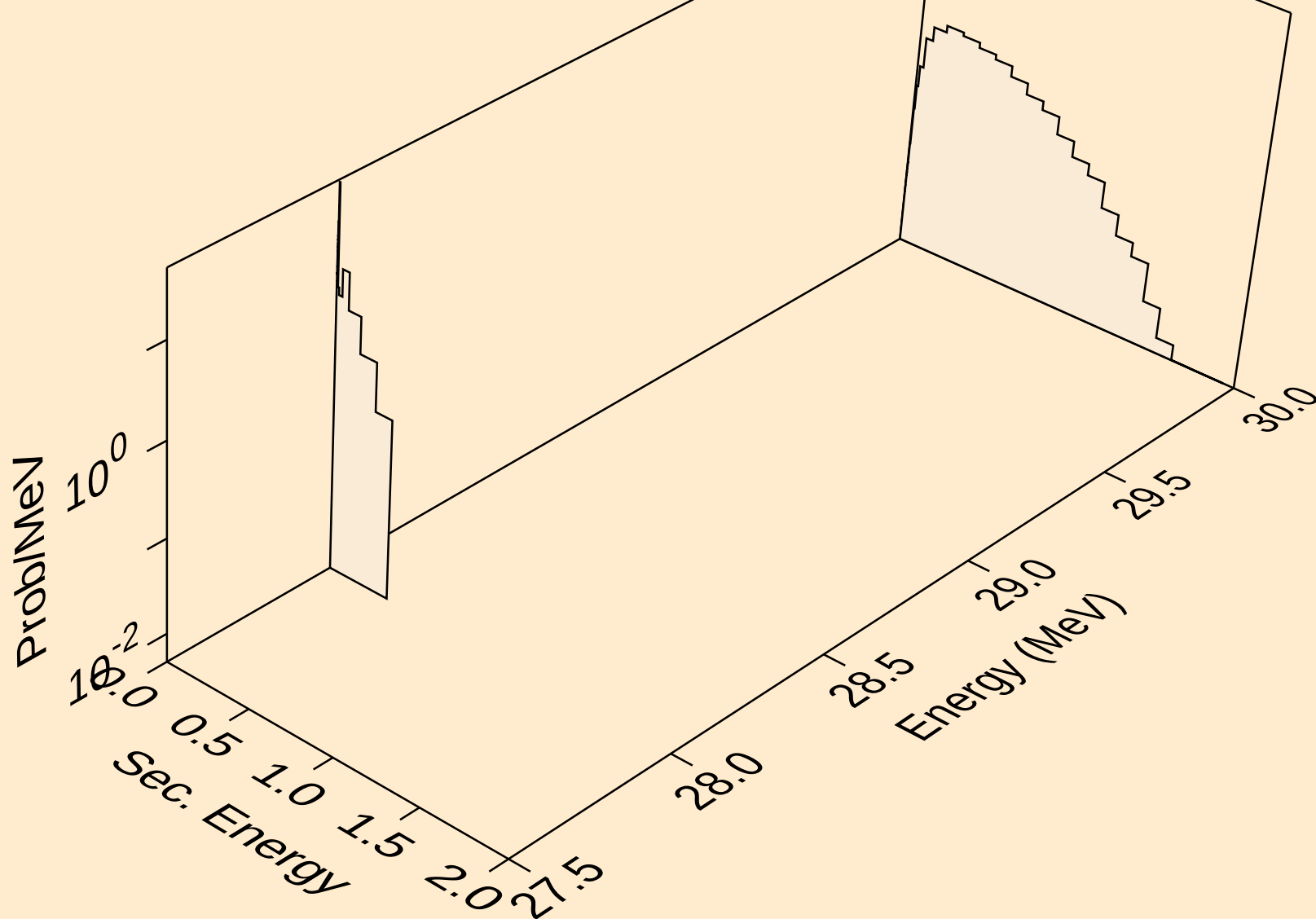
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



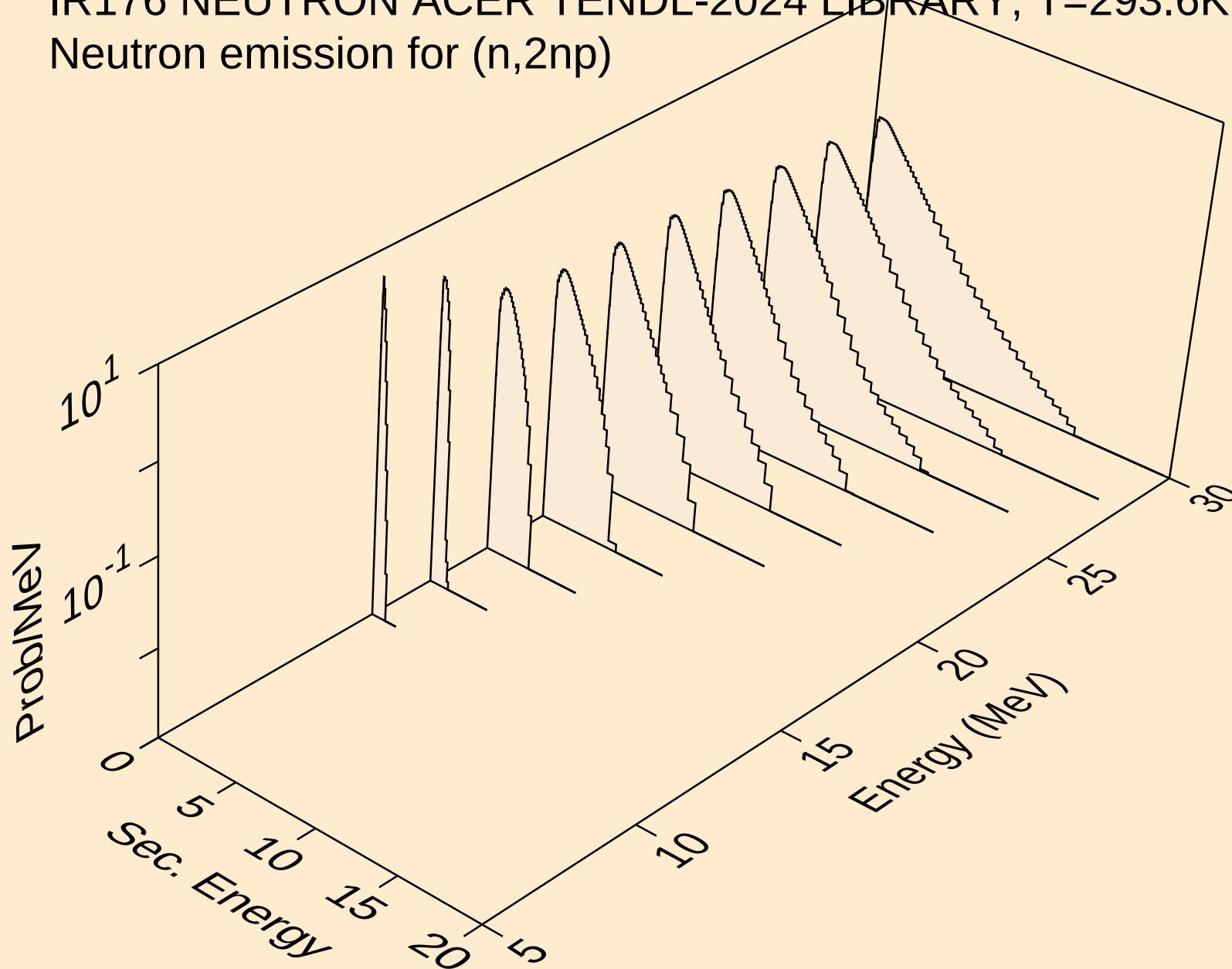
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



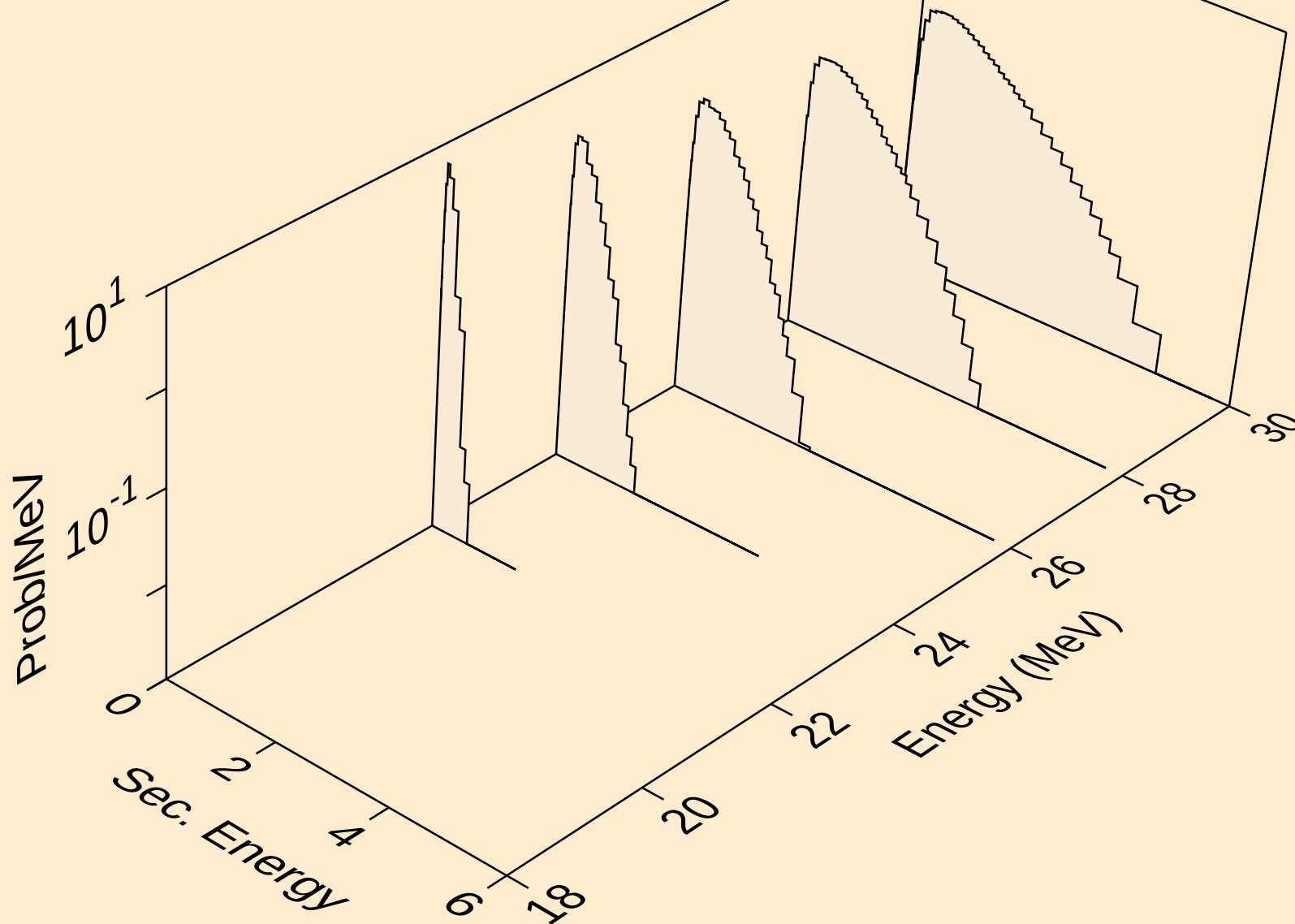
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,4n)



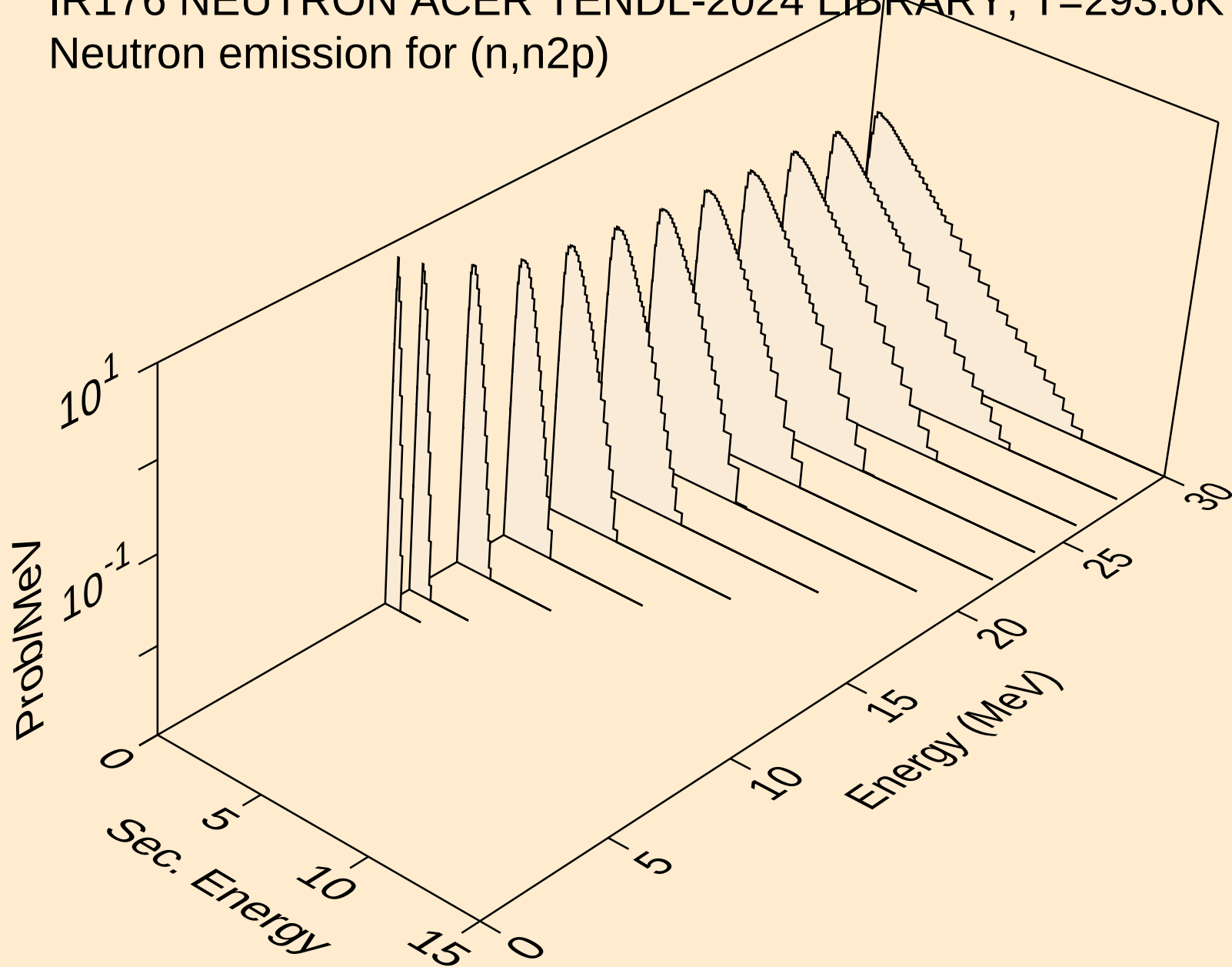
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2np)



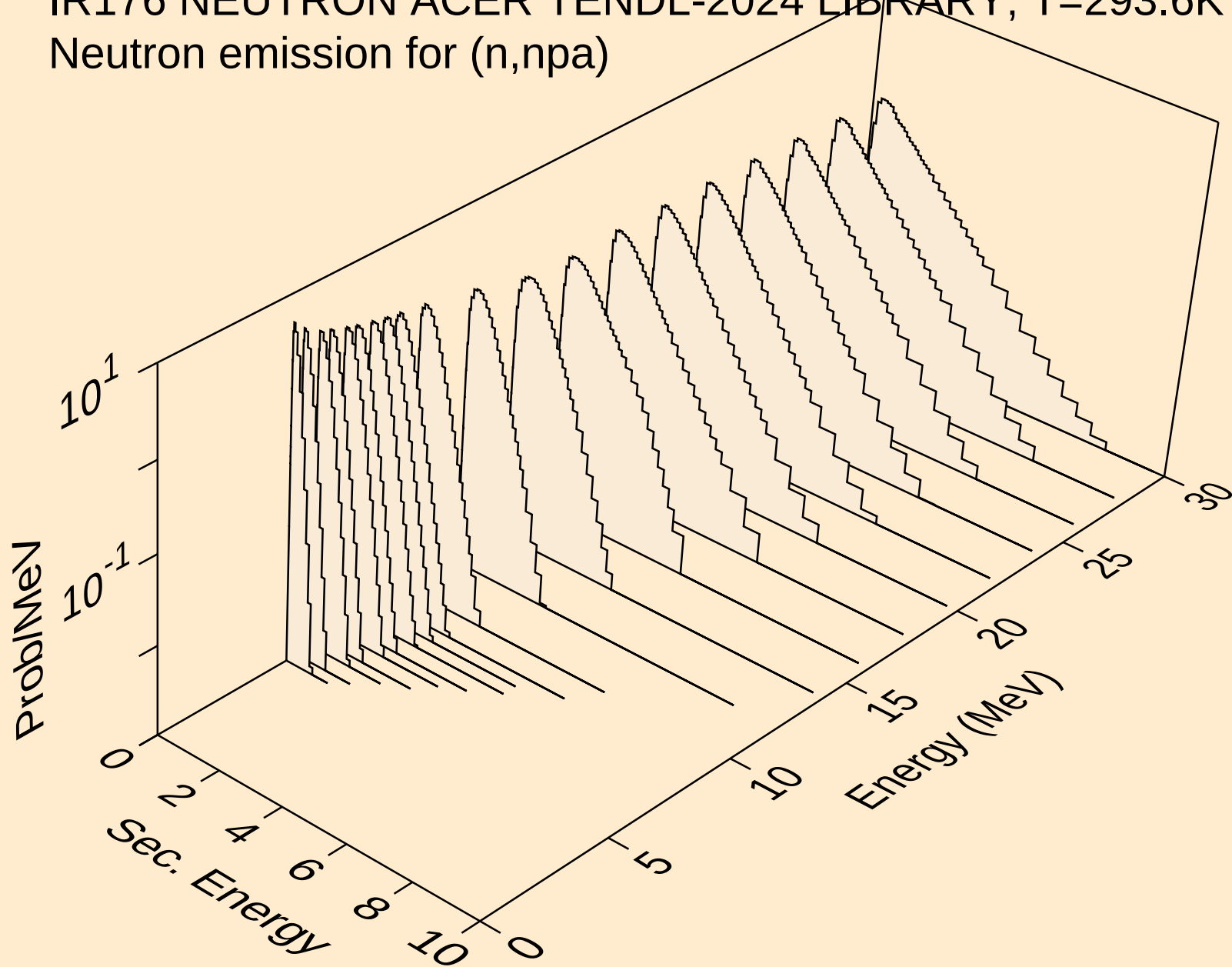
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3np)



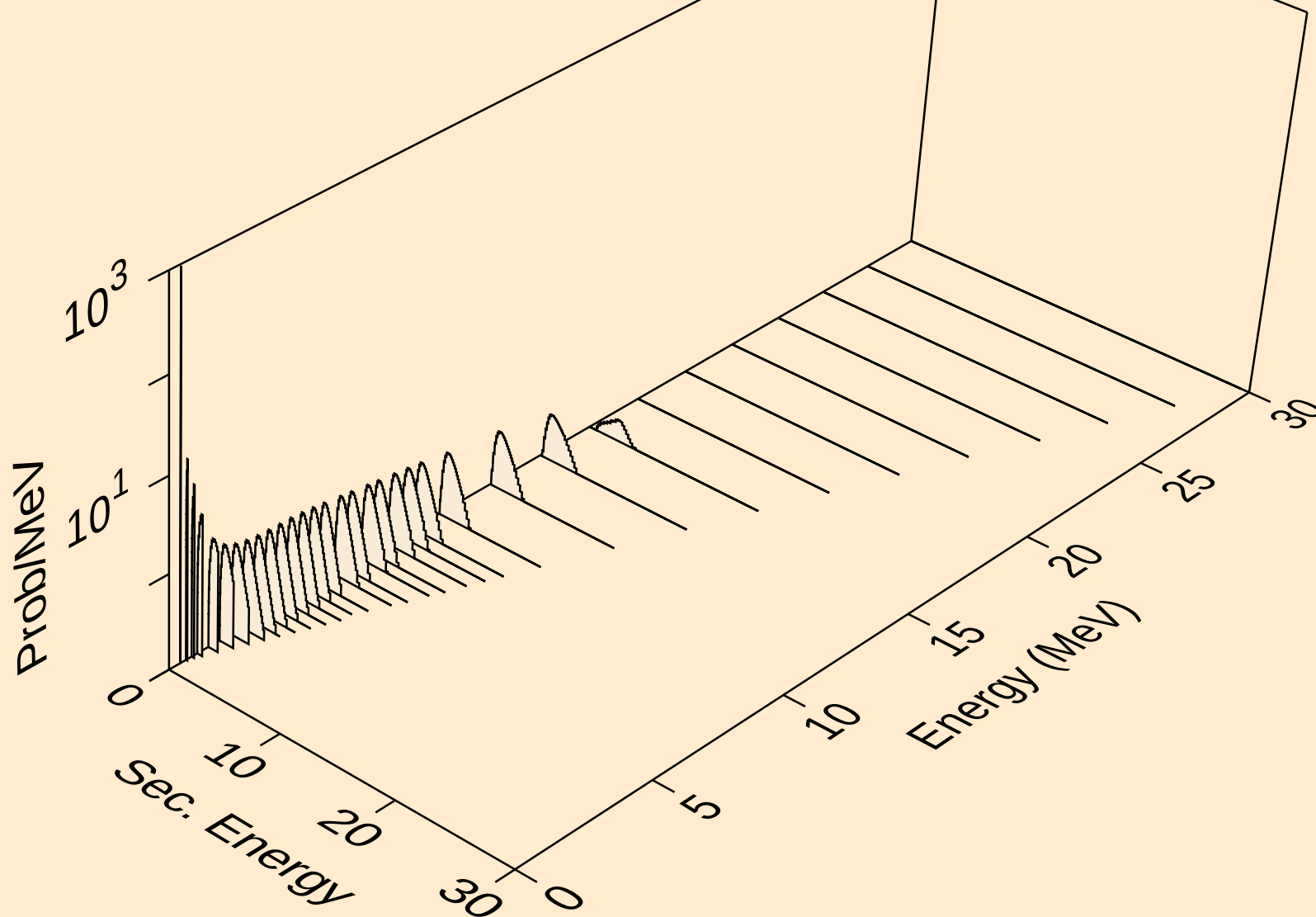
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n2p)



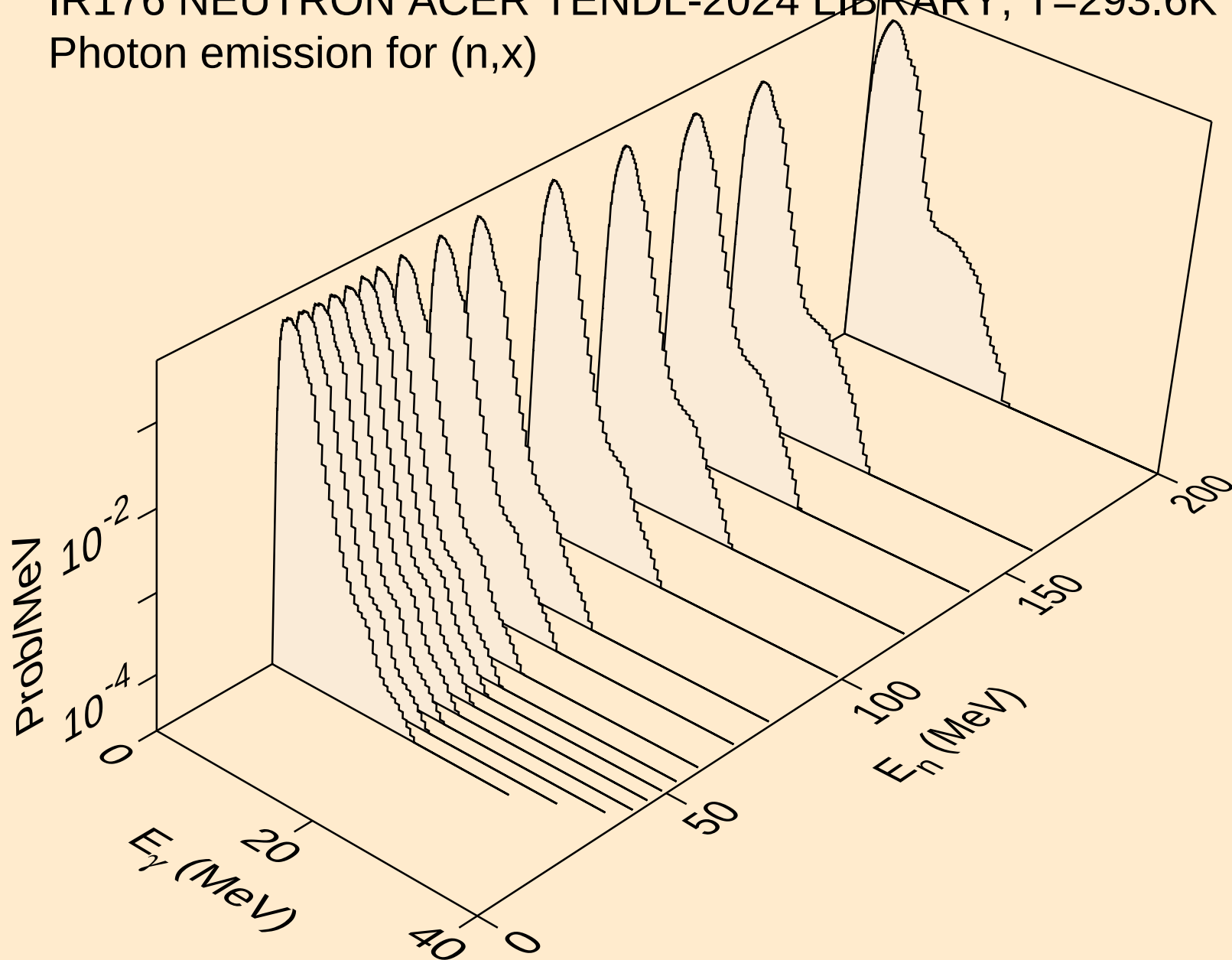
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,npa)



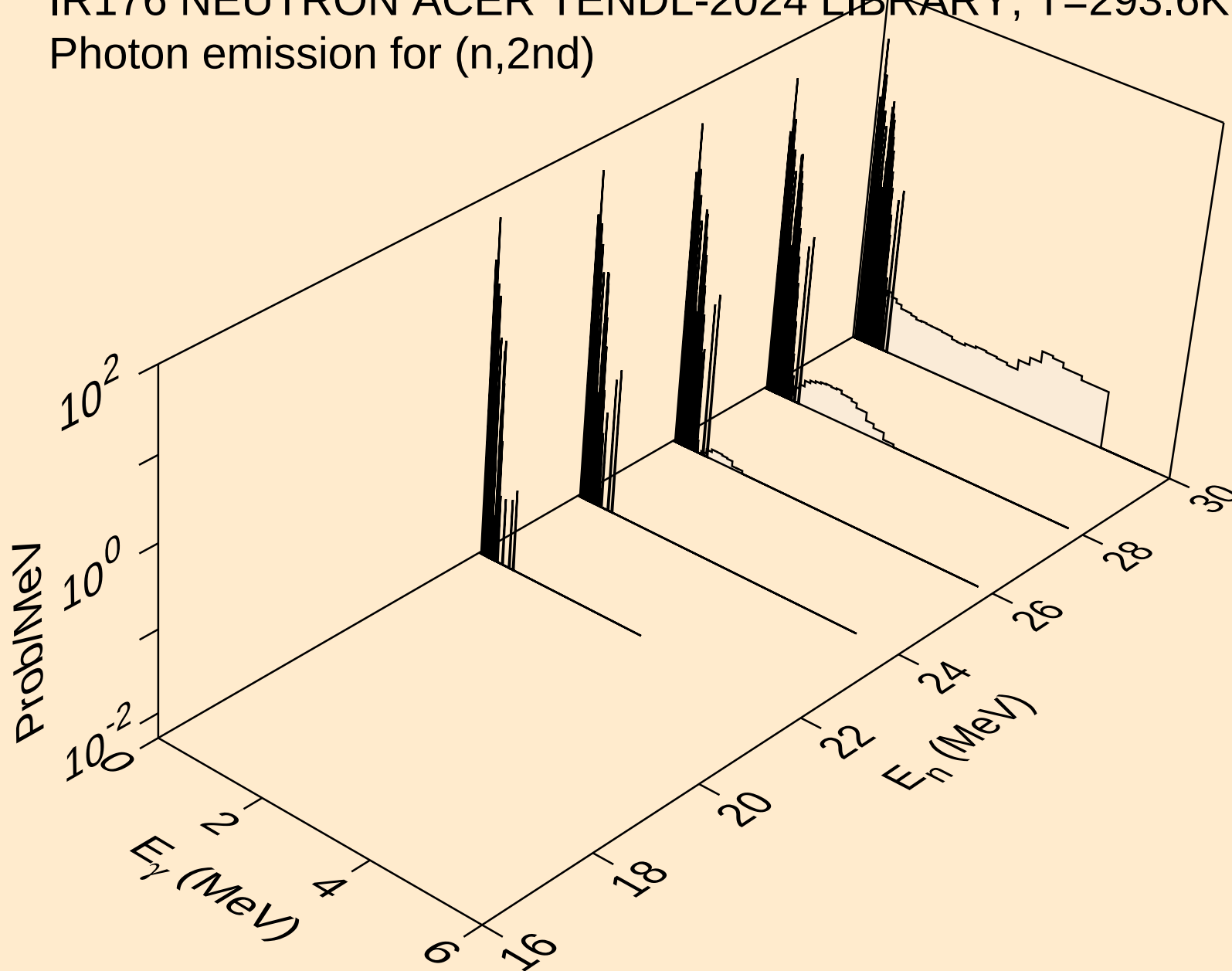
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



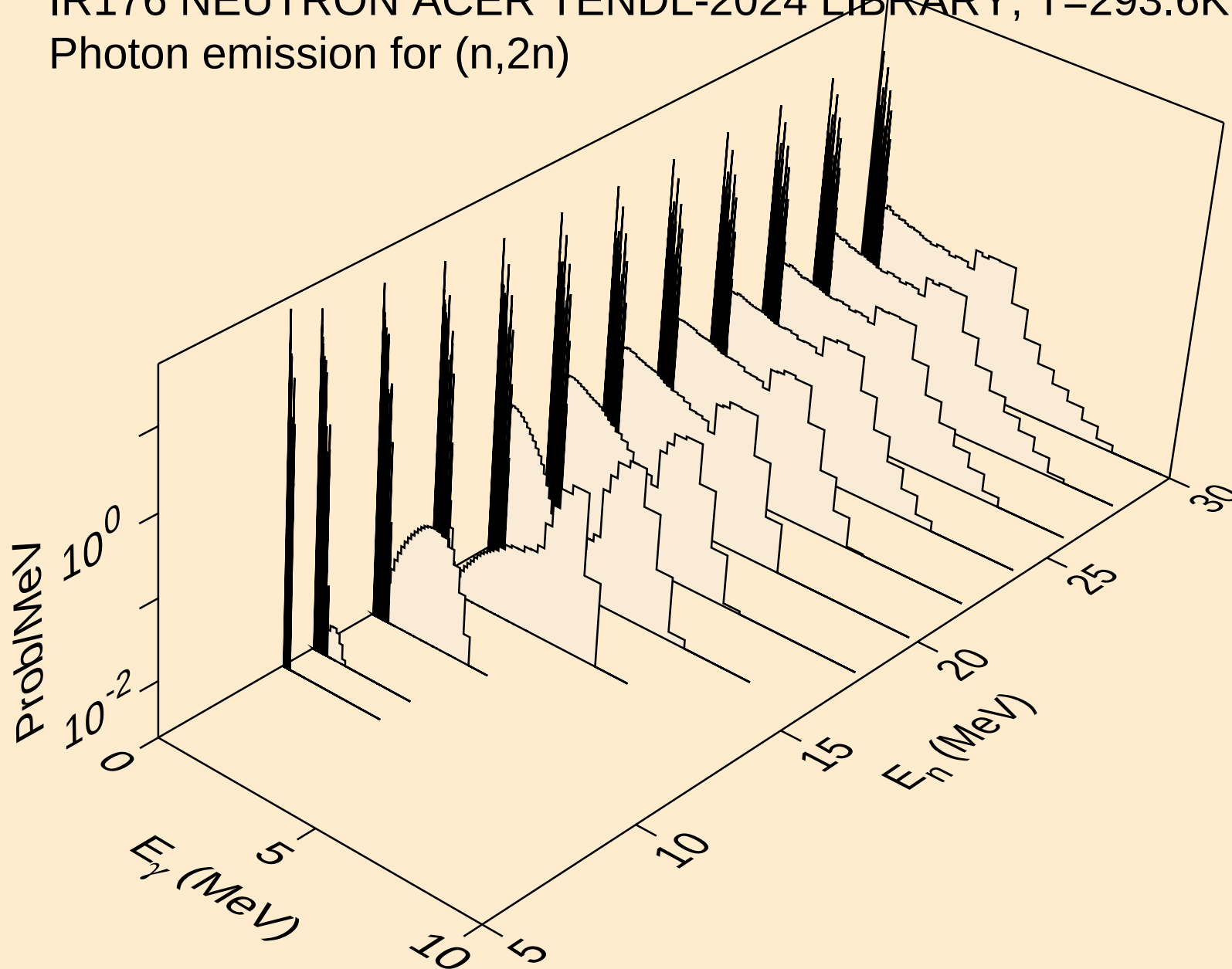
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,x)



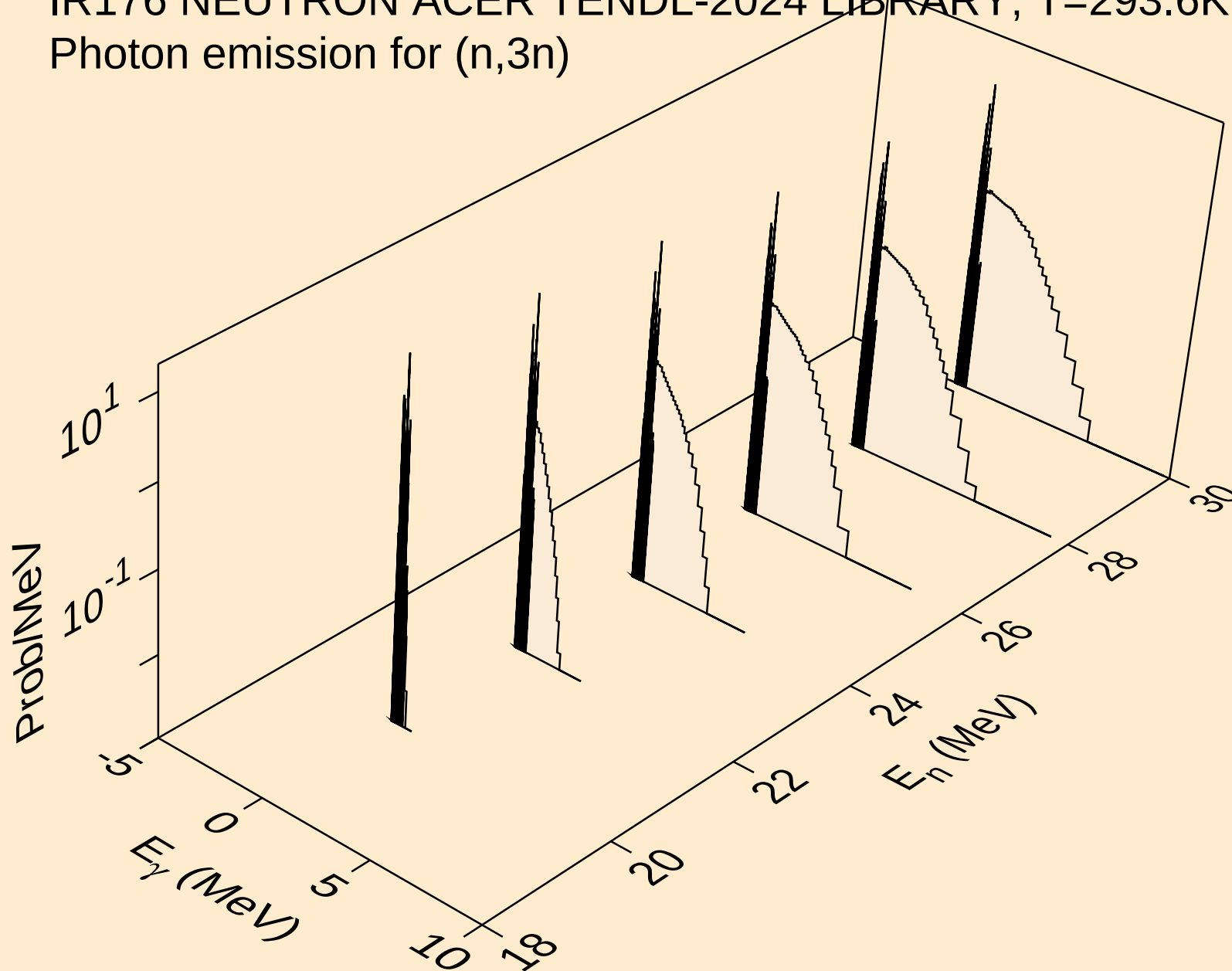
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Photon emission for (n,2nd)



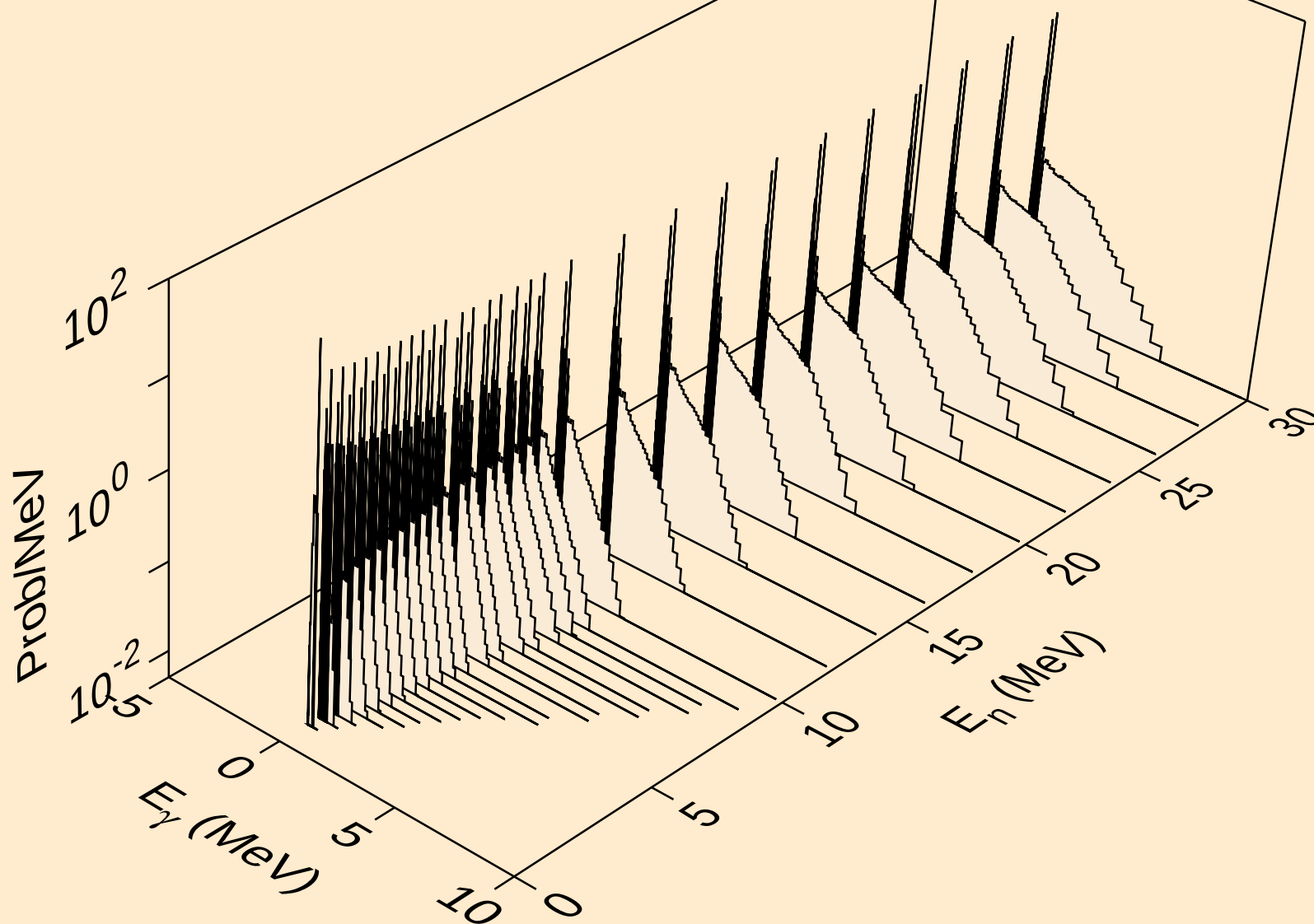
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Photon emission for (n,2n)



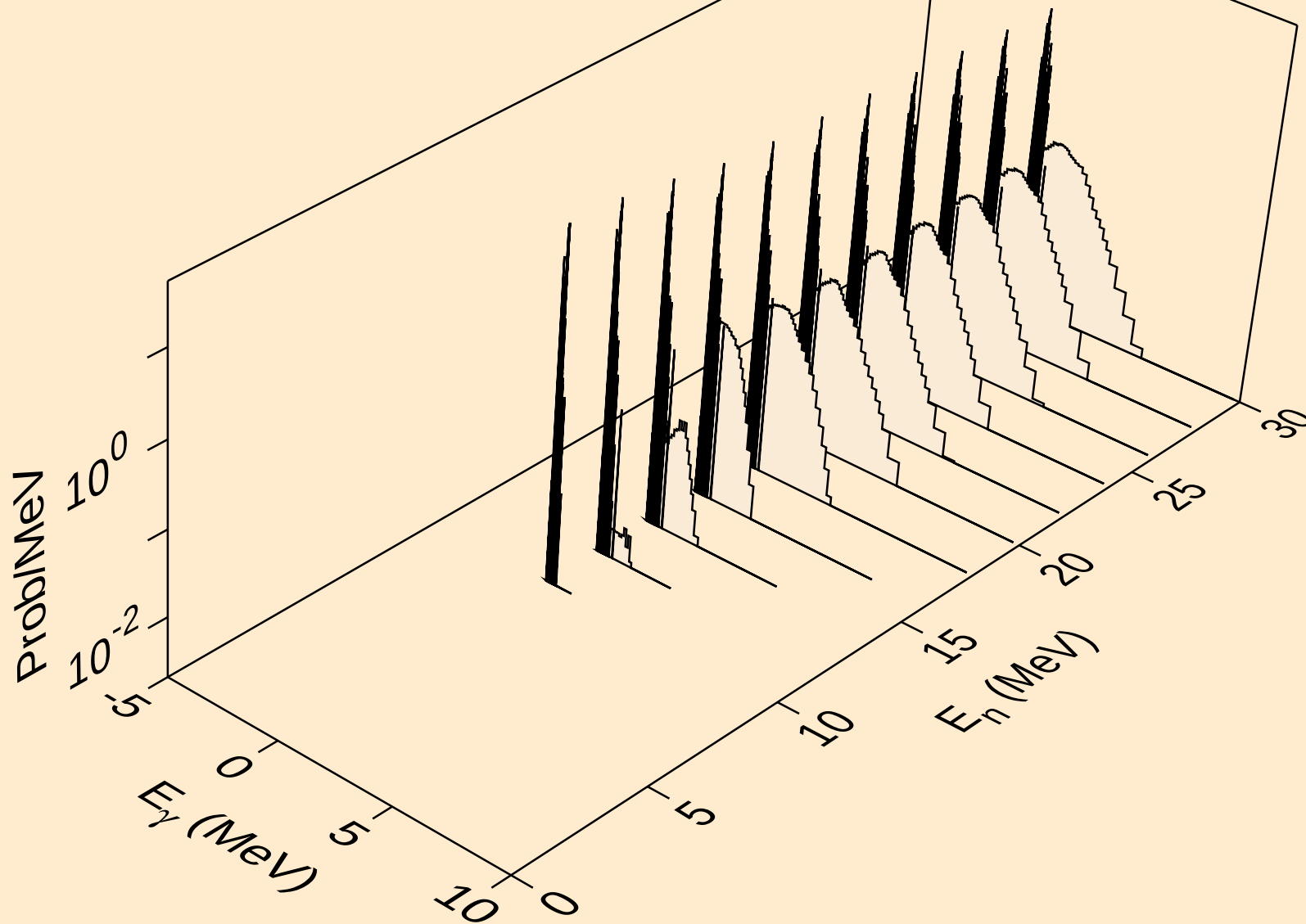
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n)



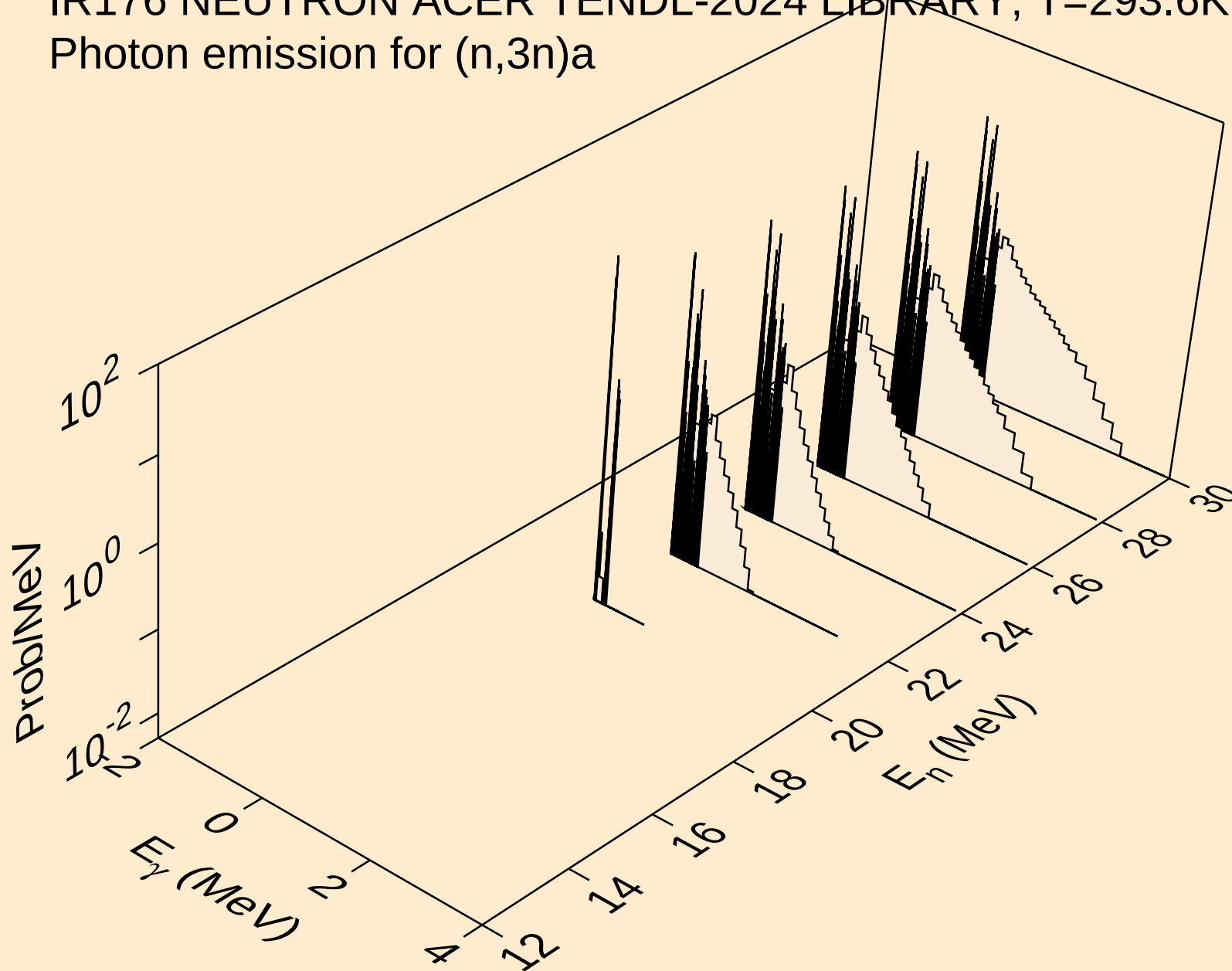
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)a



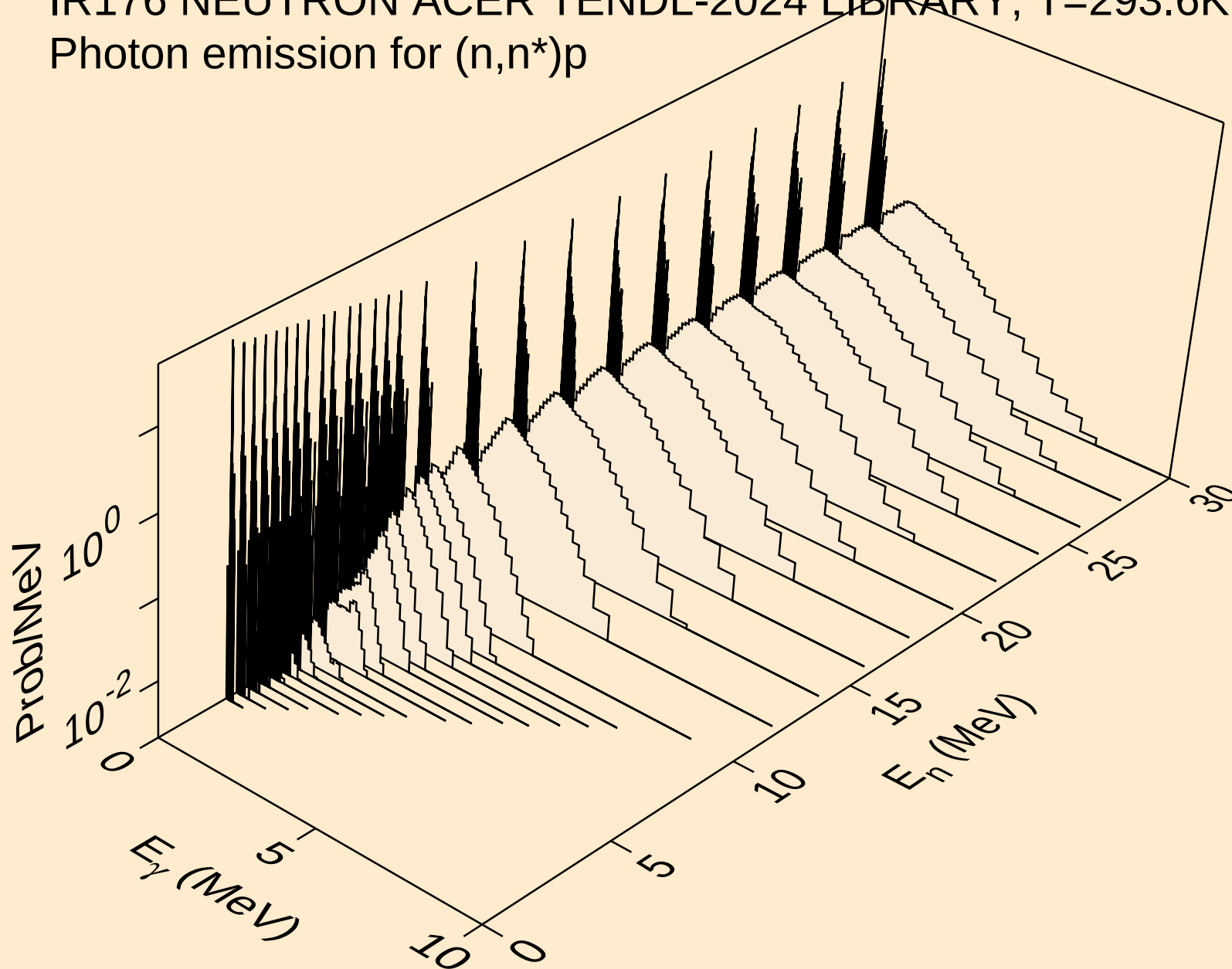
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n) α



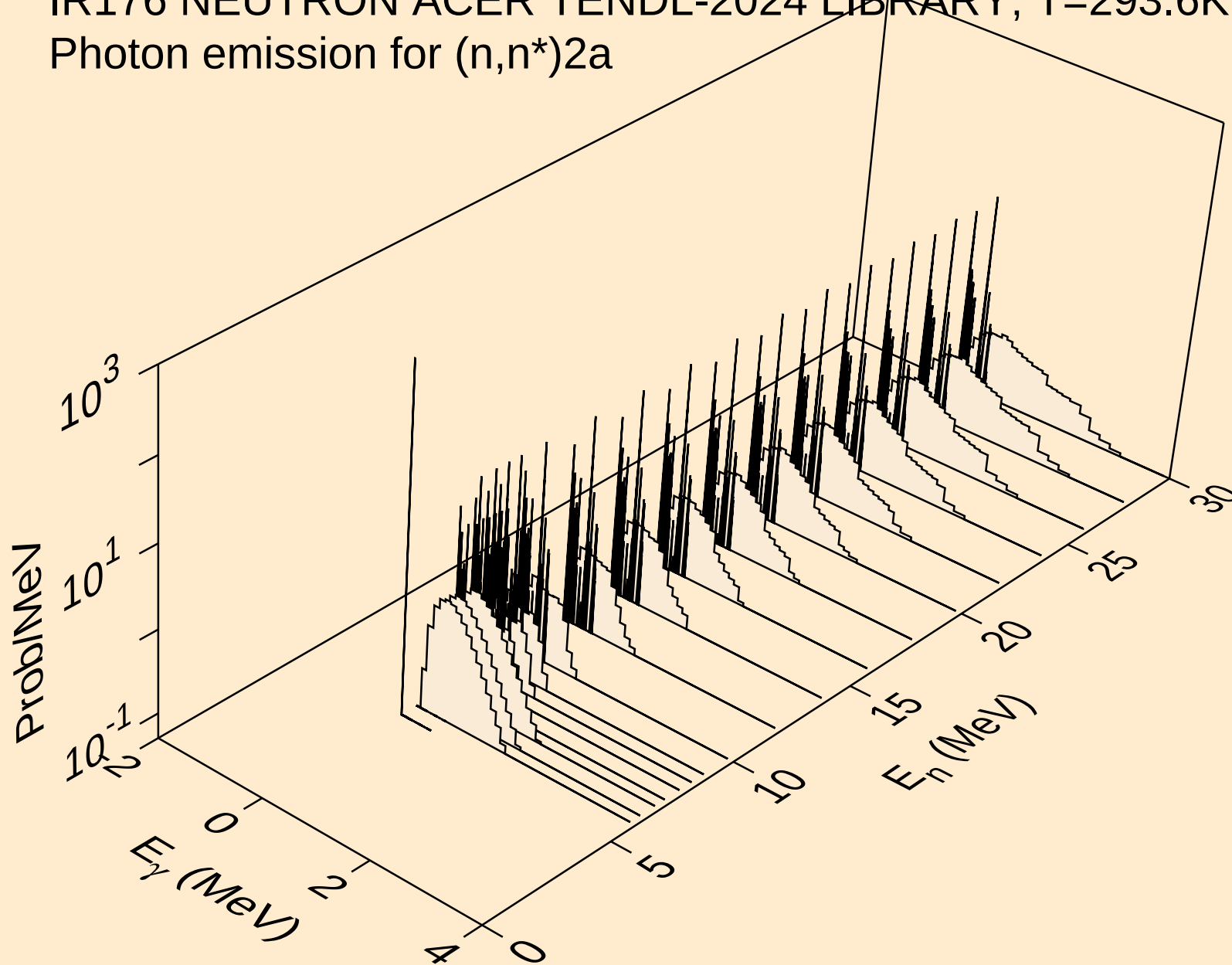
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n)a



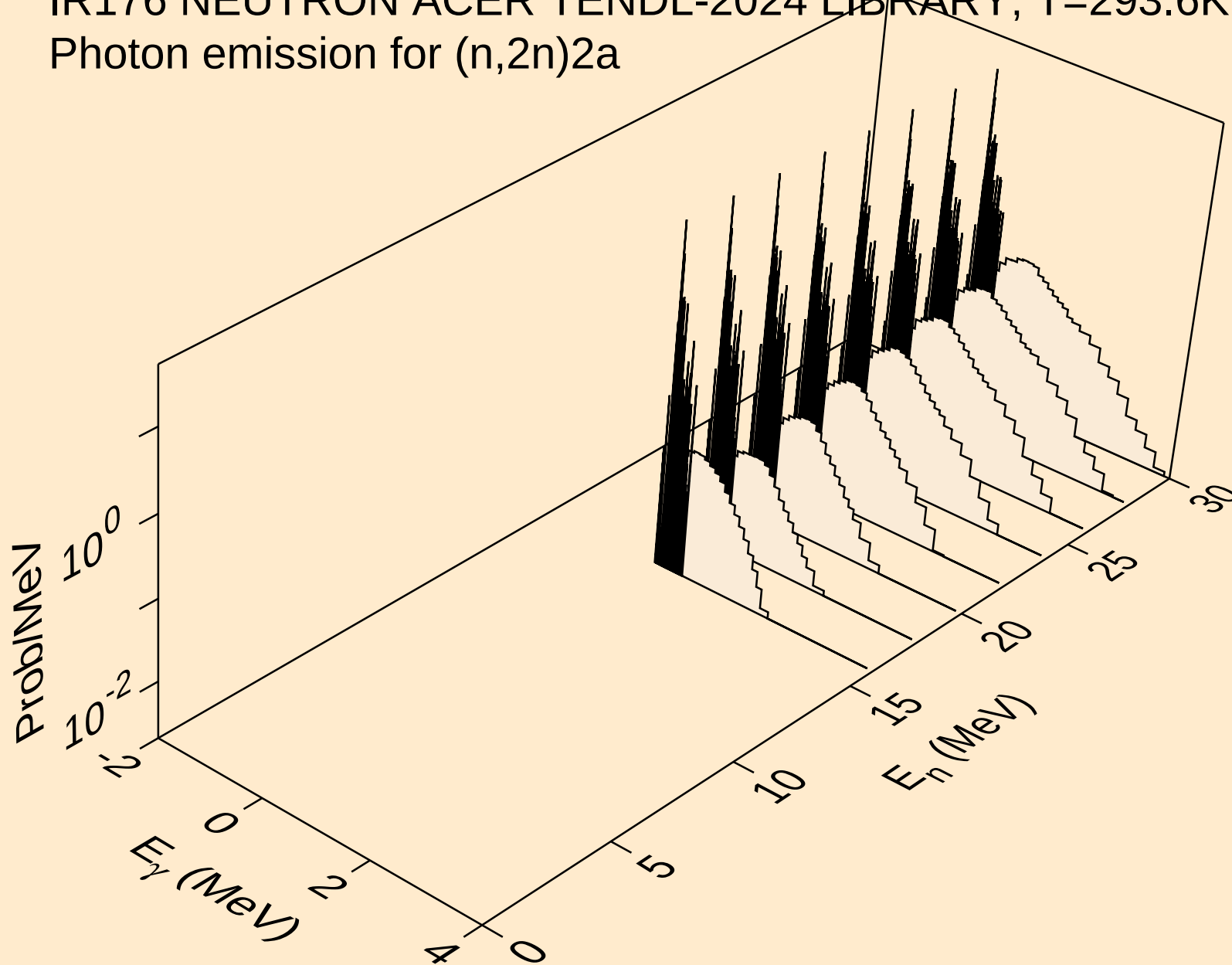
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)p



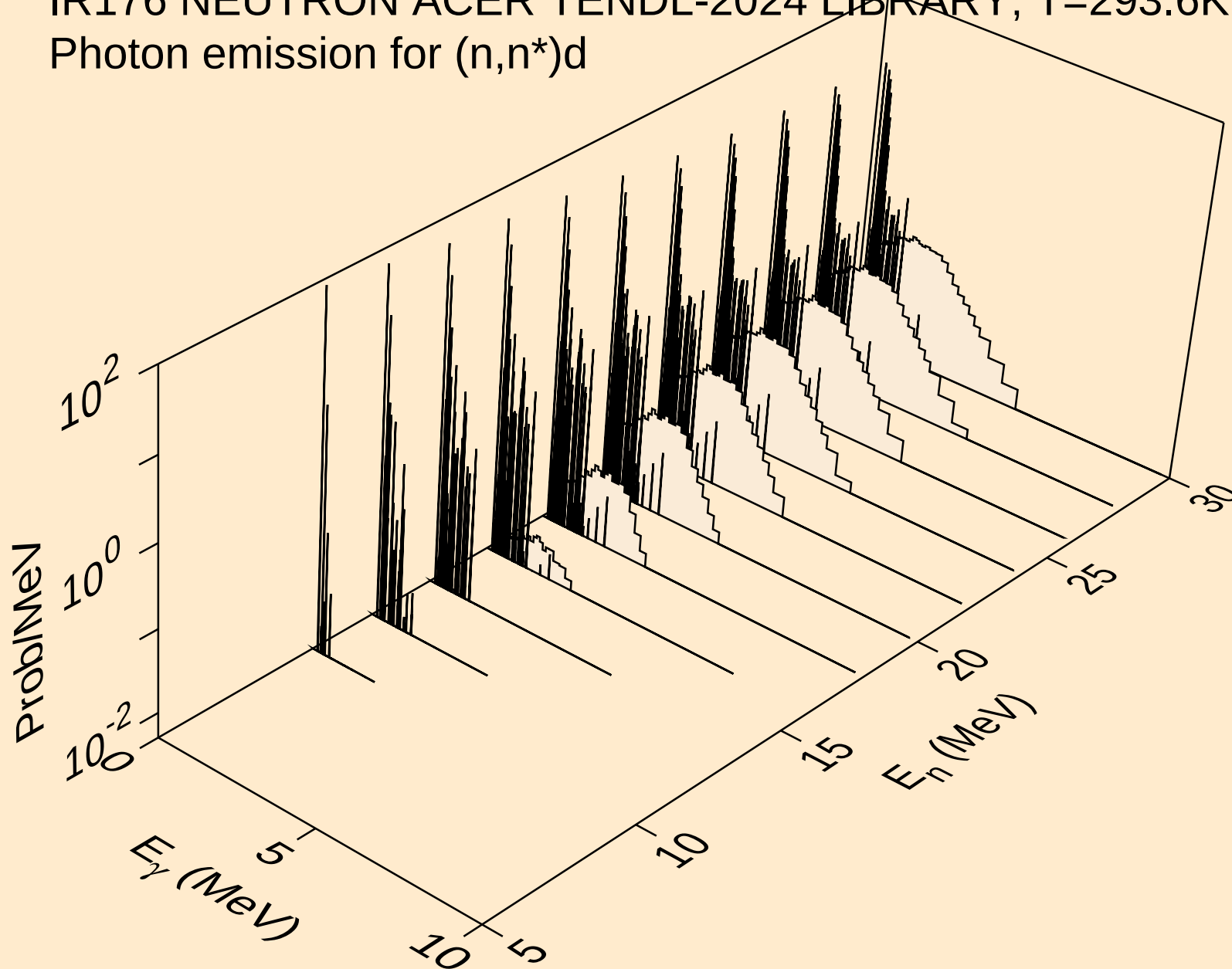
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)2a



IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)2a

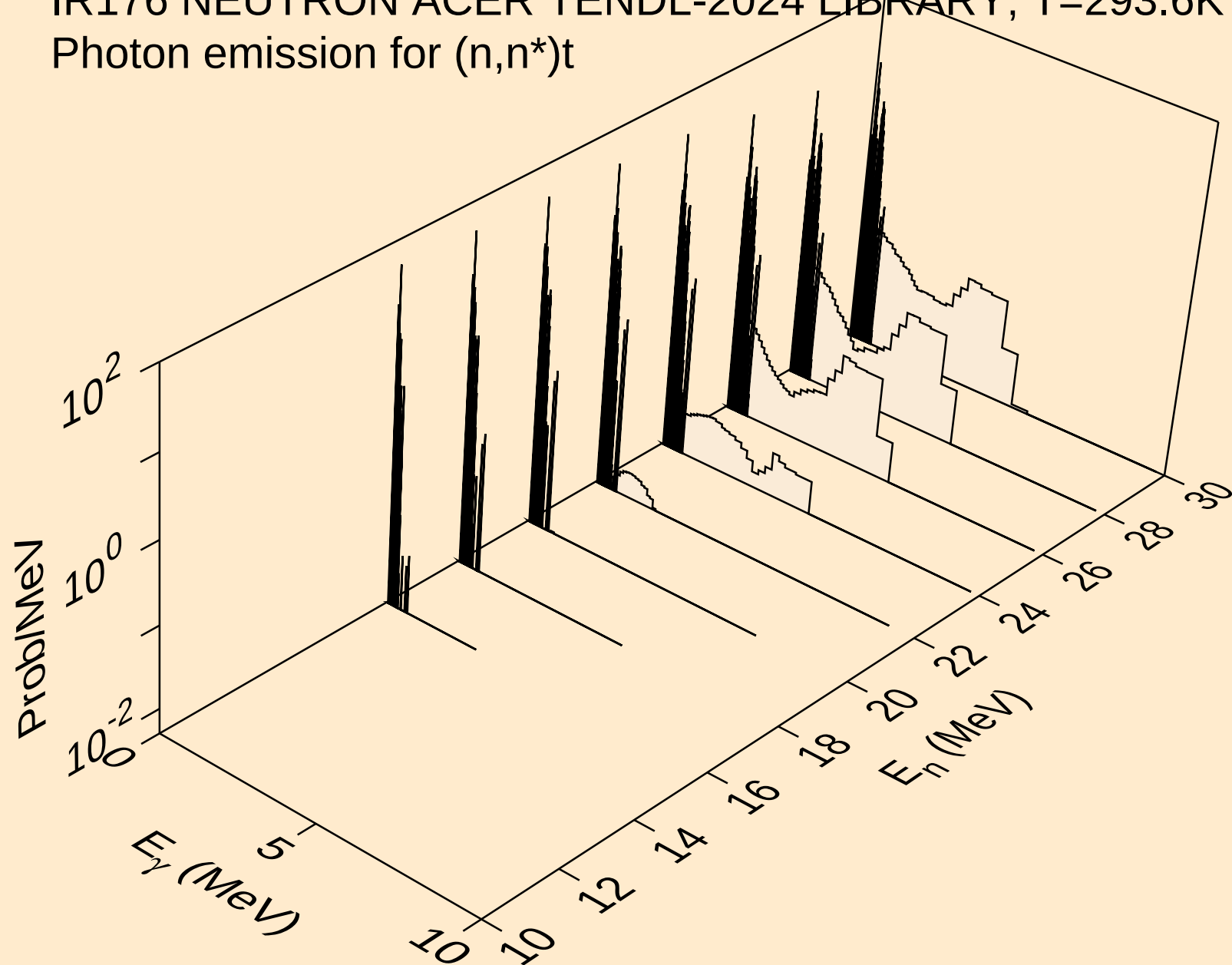


IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)d

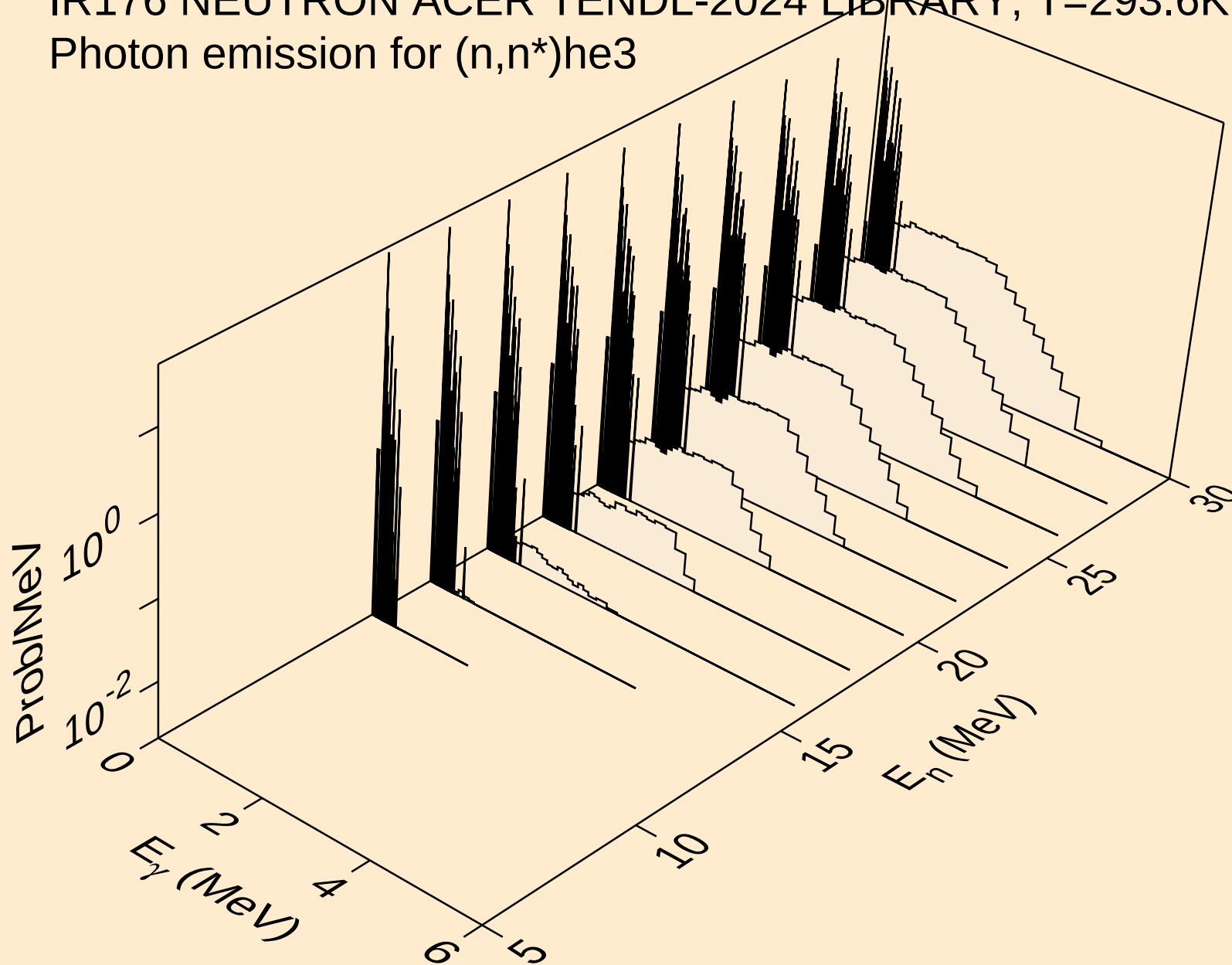


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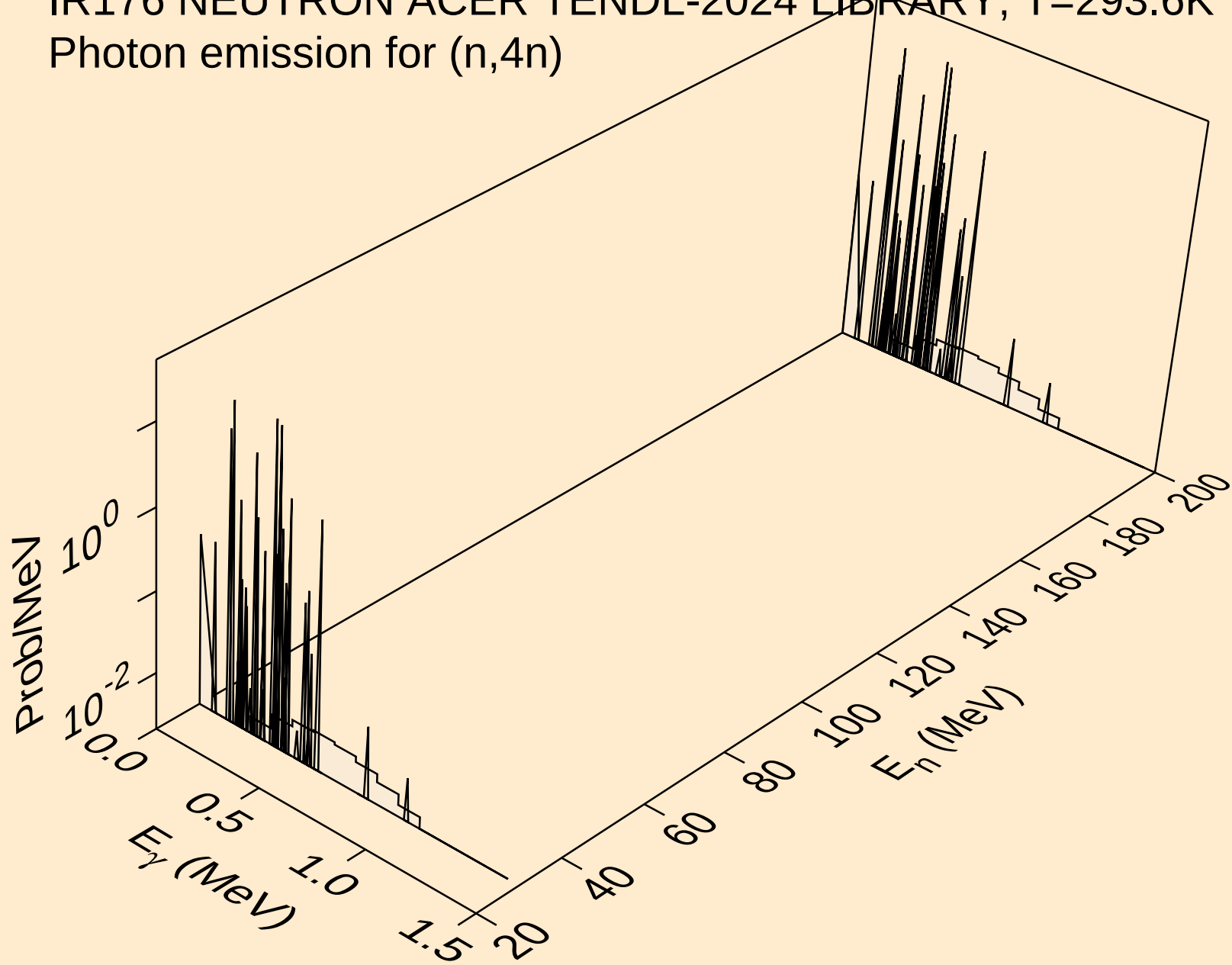
Photon emission for (n,n*)t



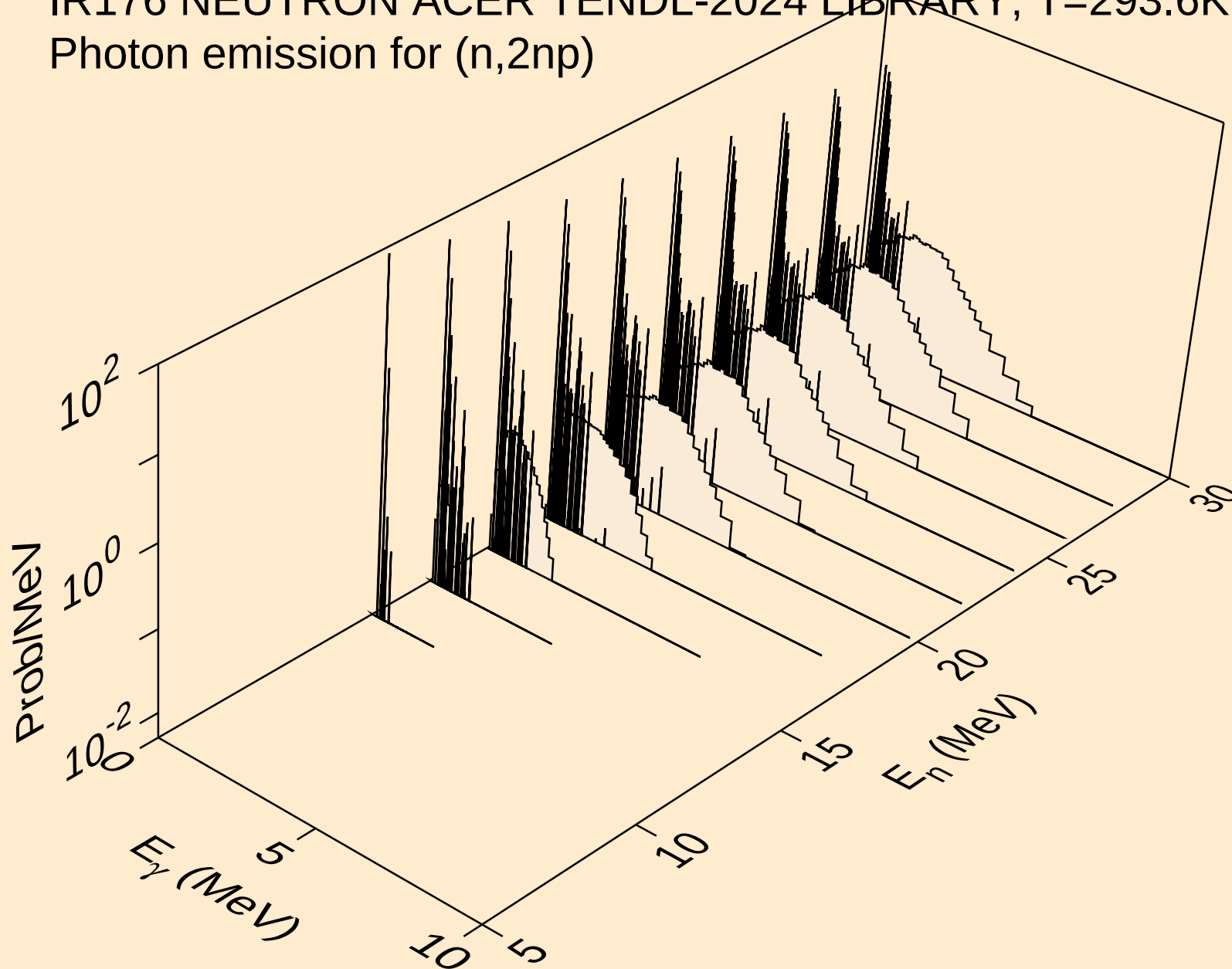
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



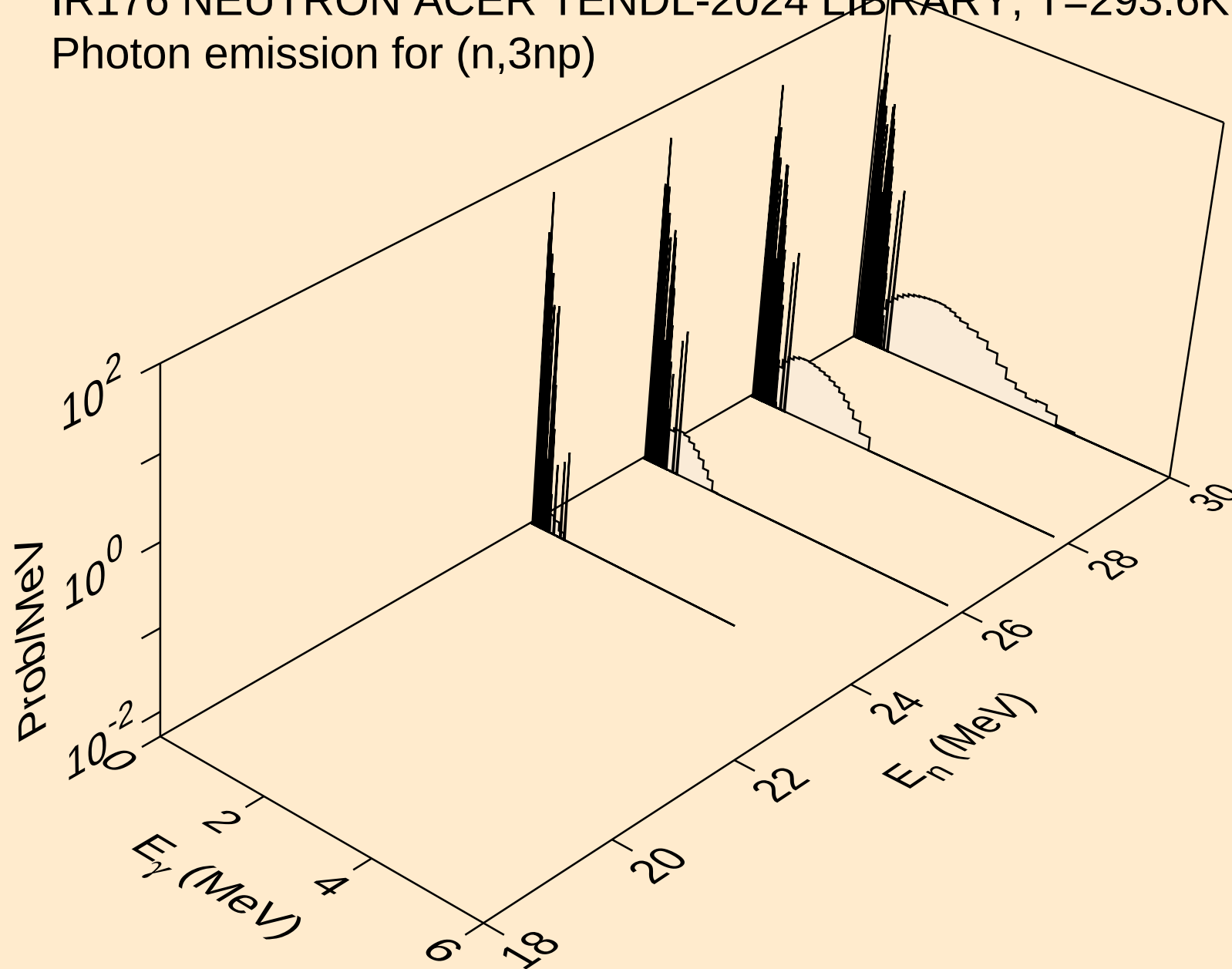
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,4n)



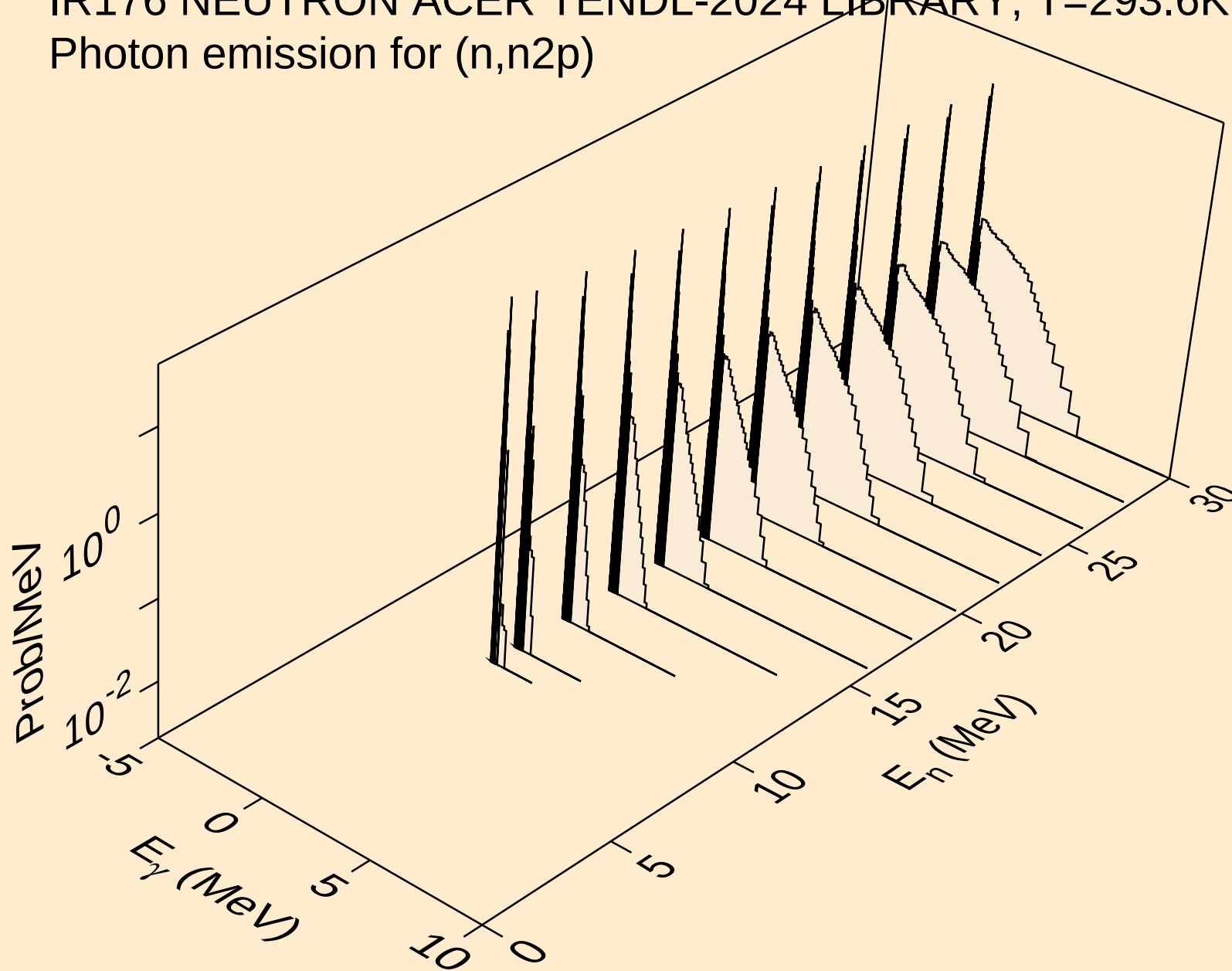
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2np)



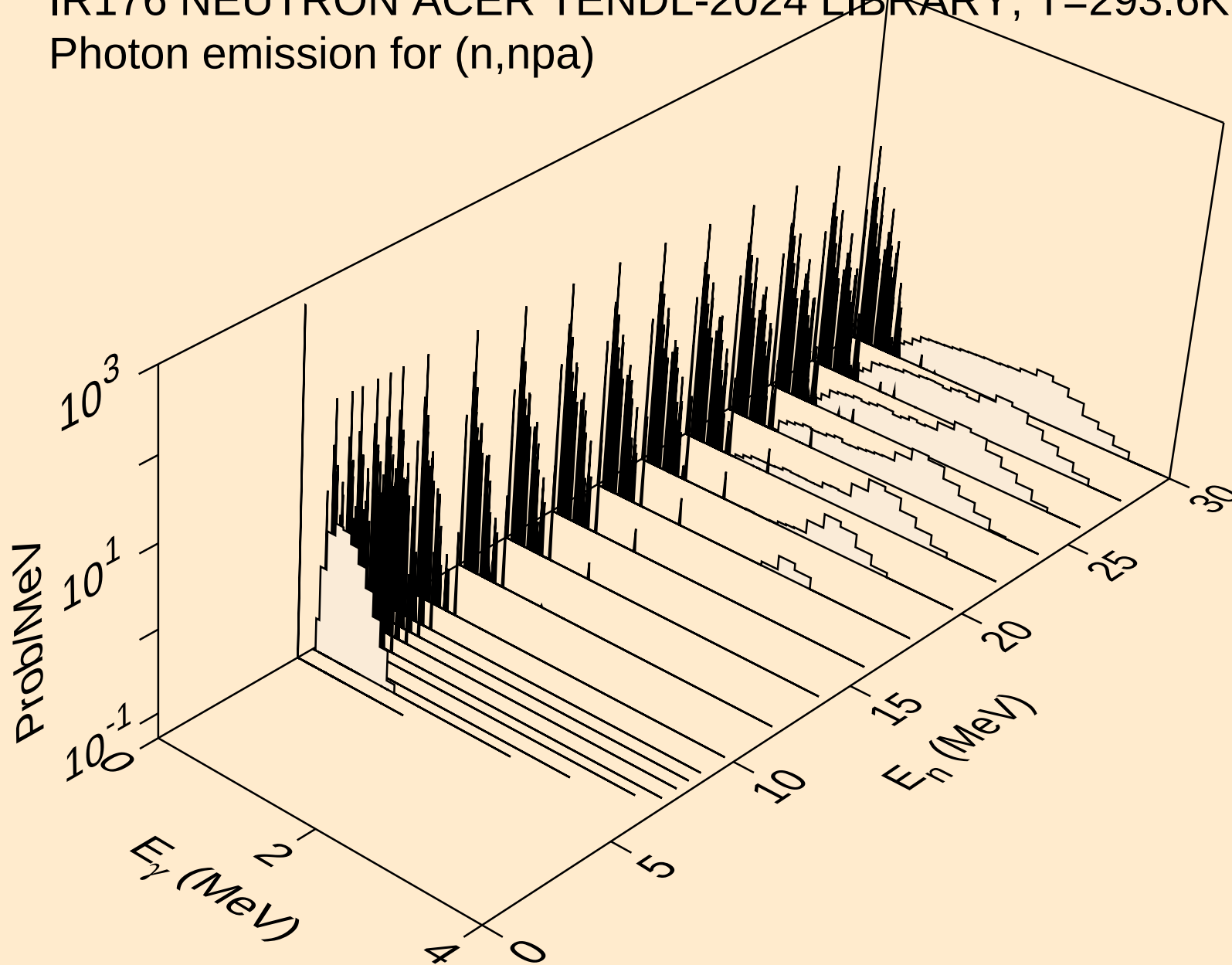
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3np)



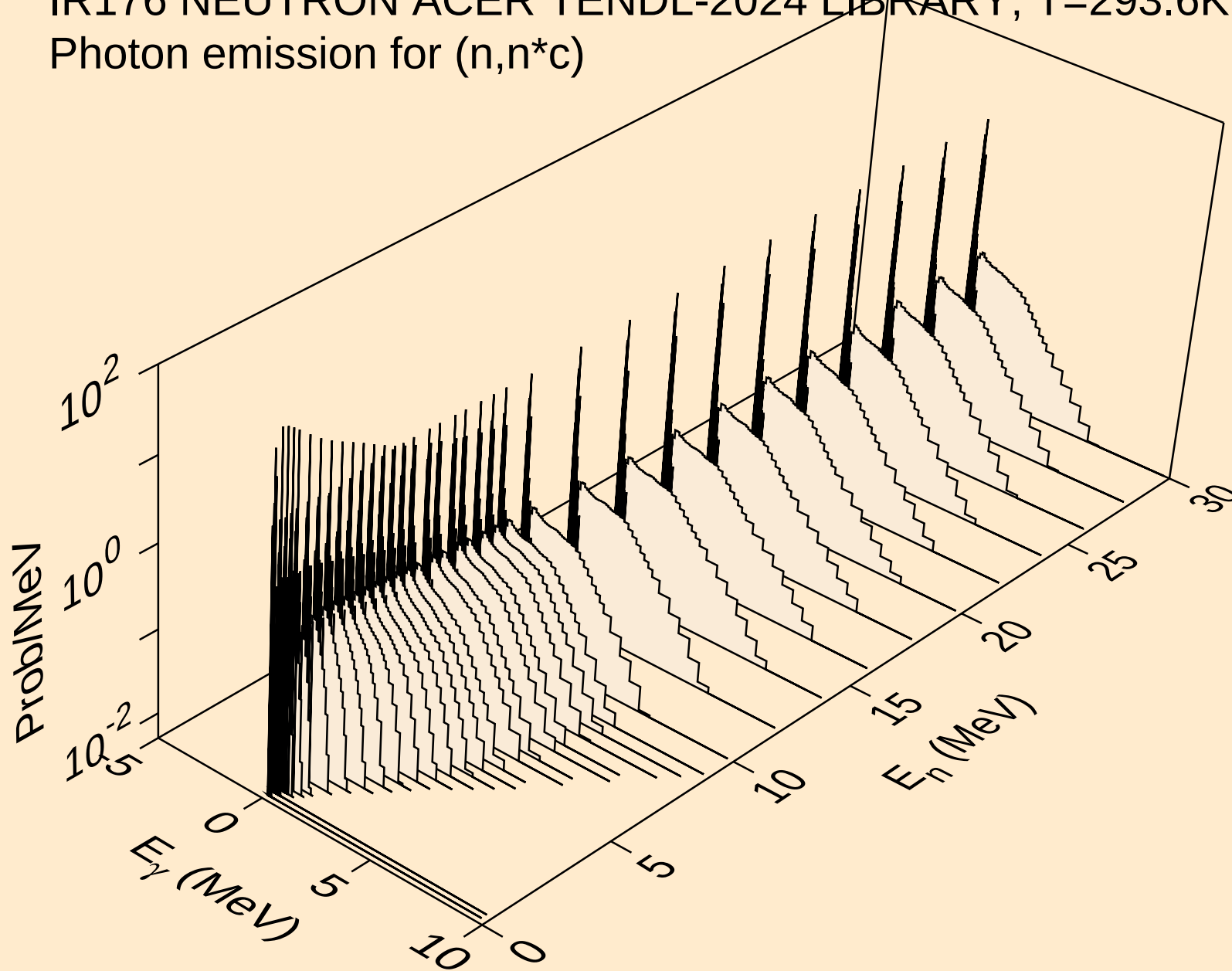
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n2p)



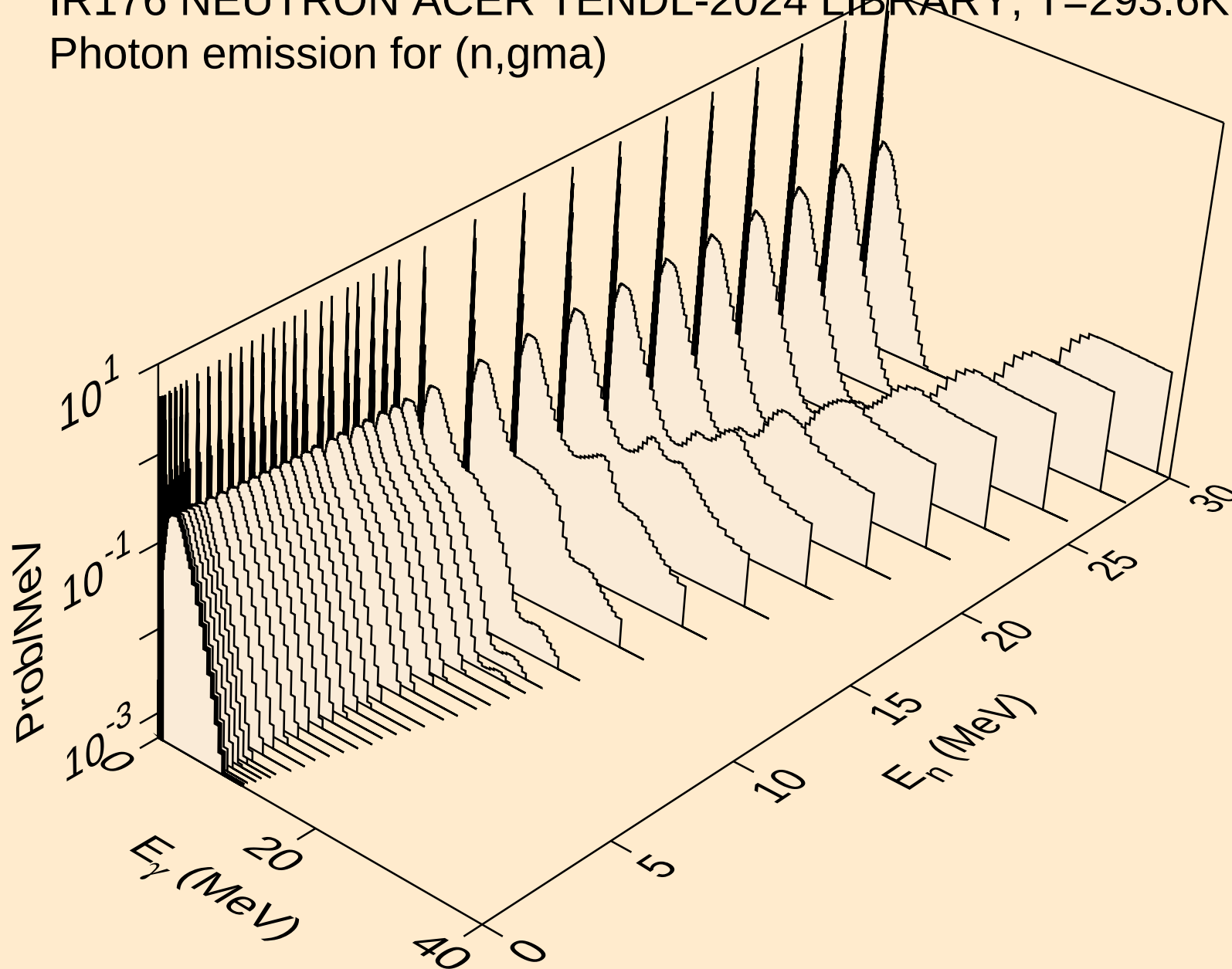
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,npa)



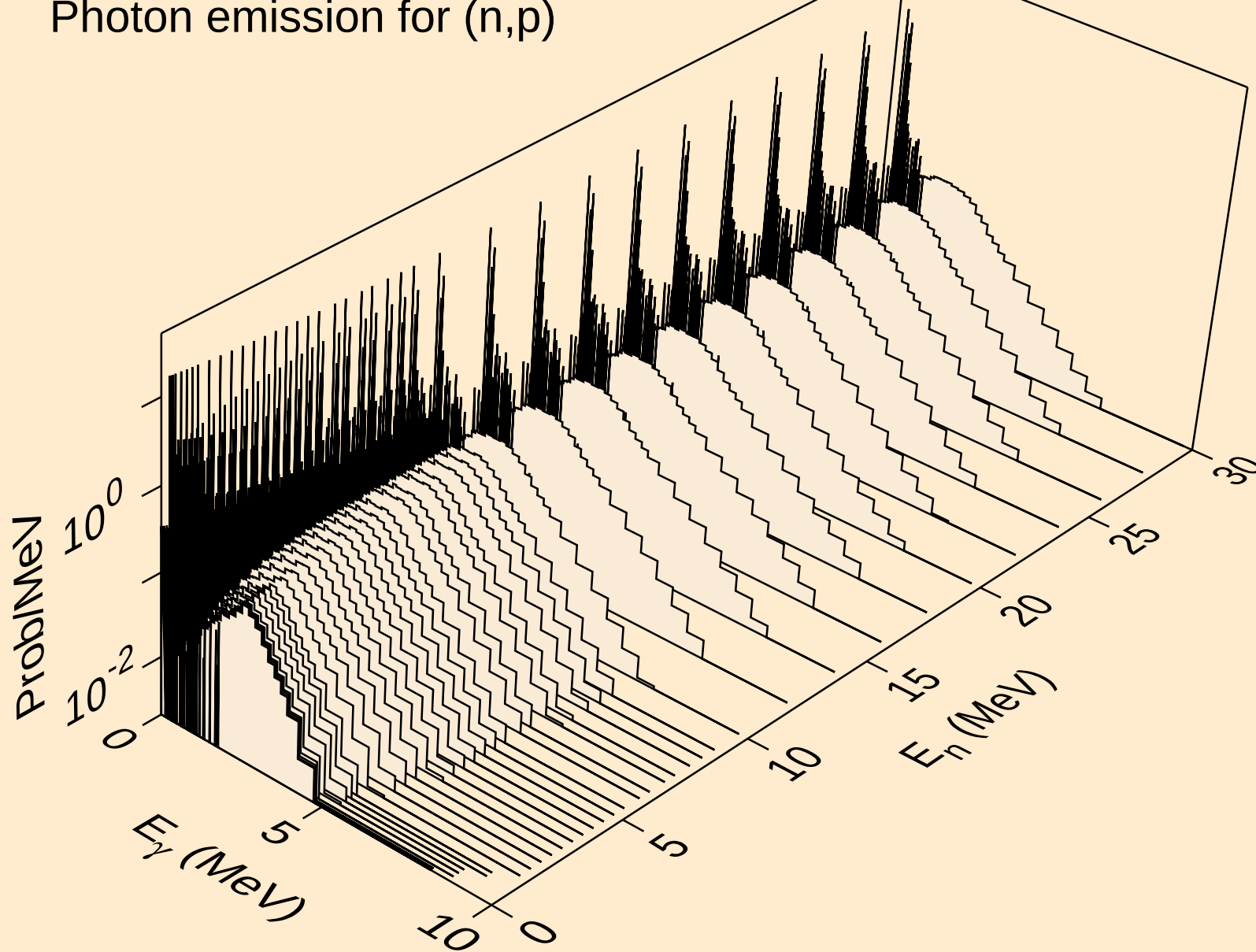
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*c)



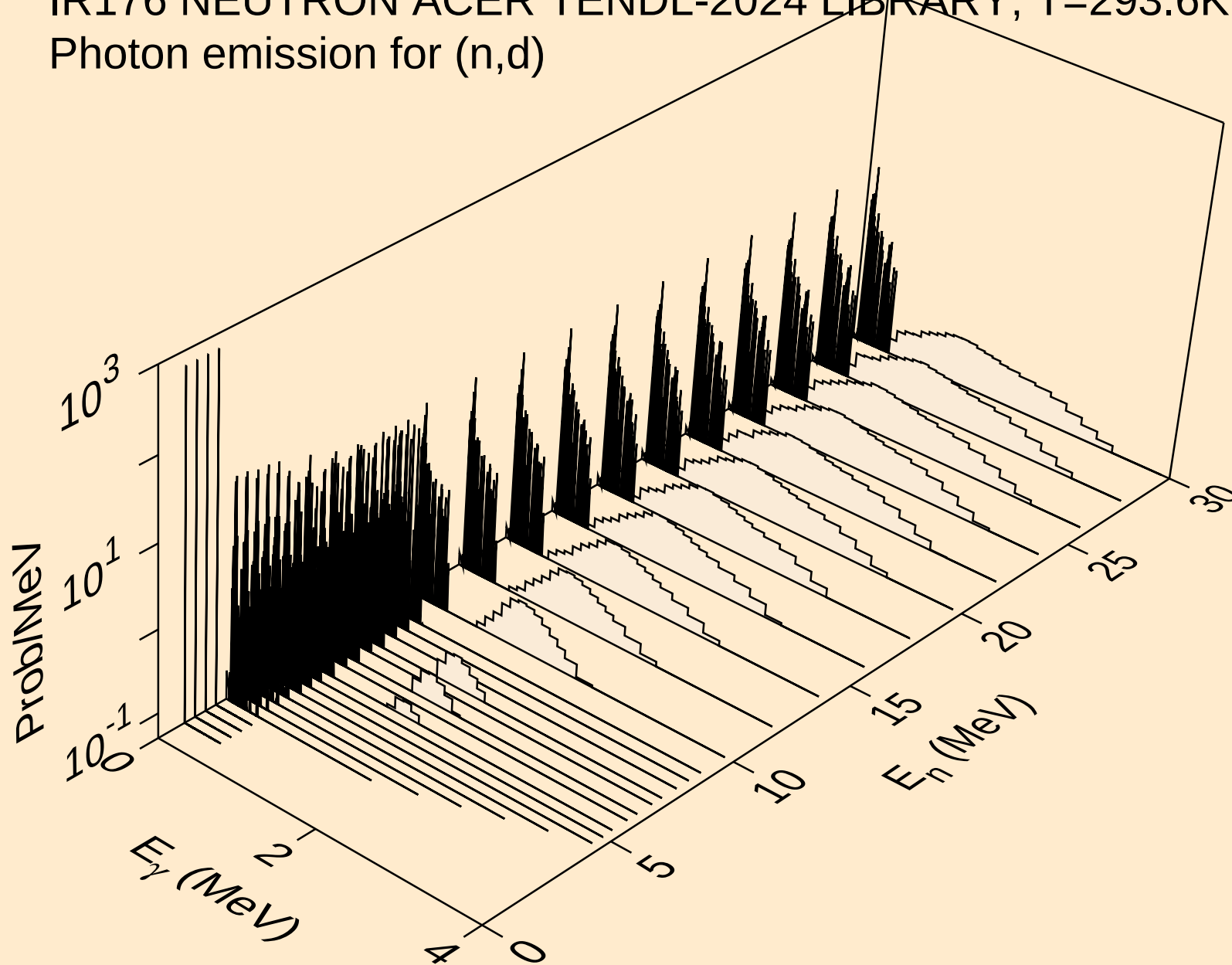
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,gma)



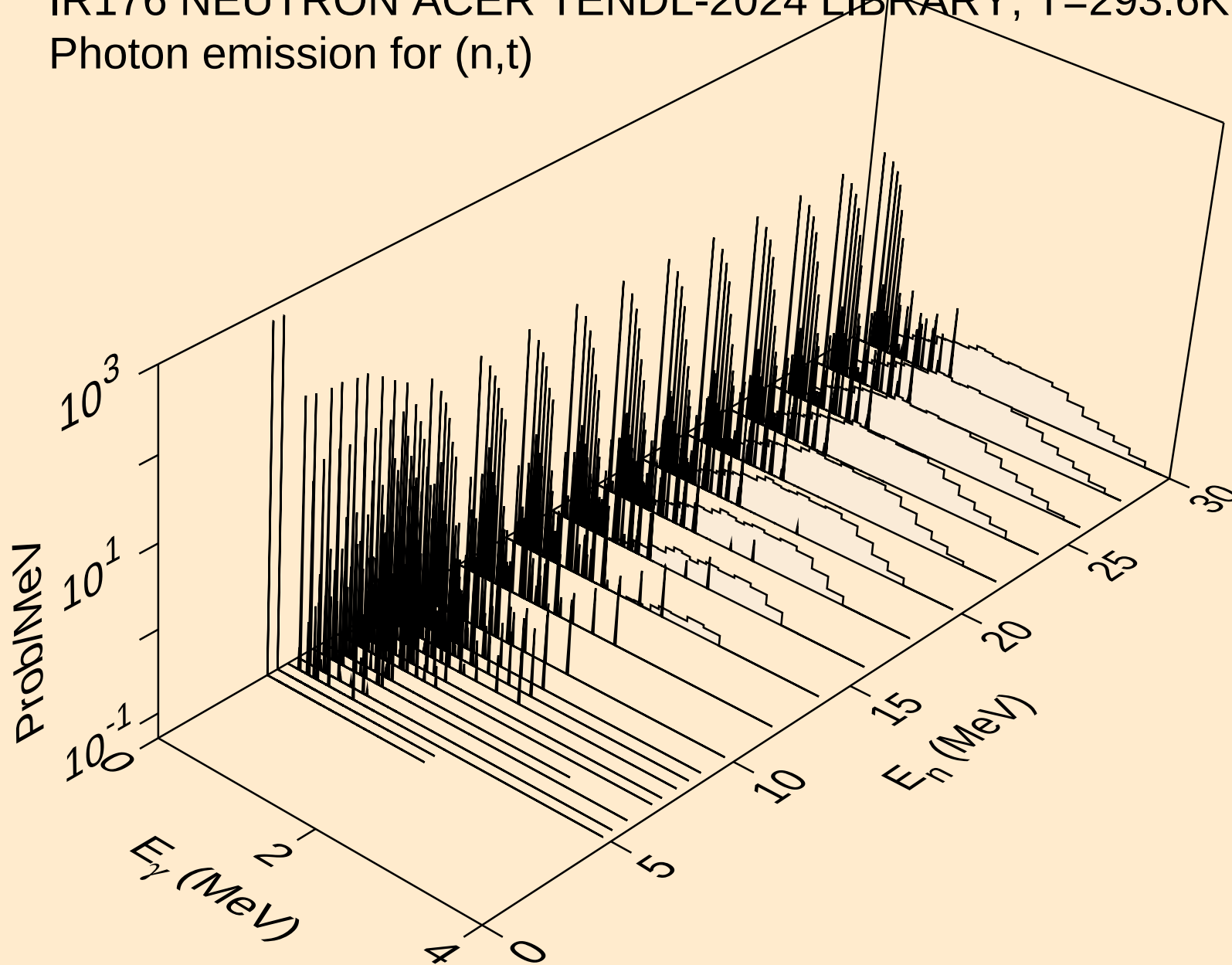
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p)



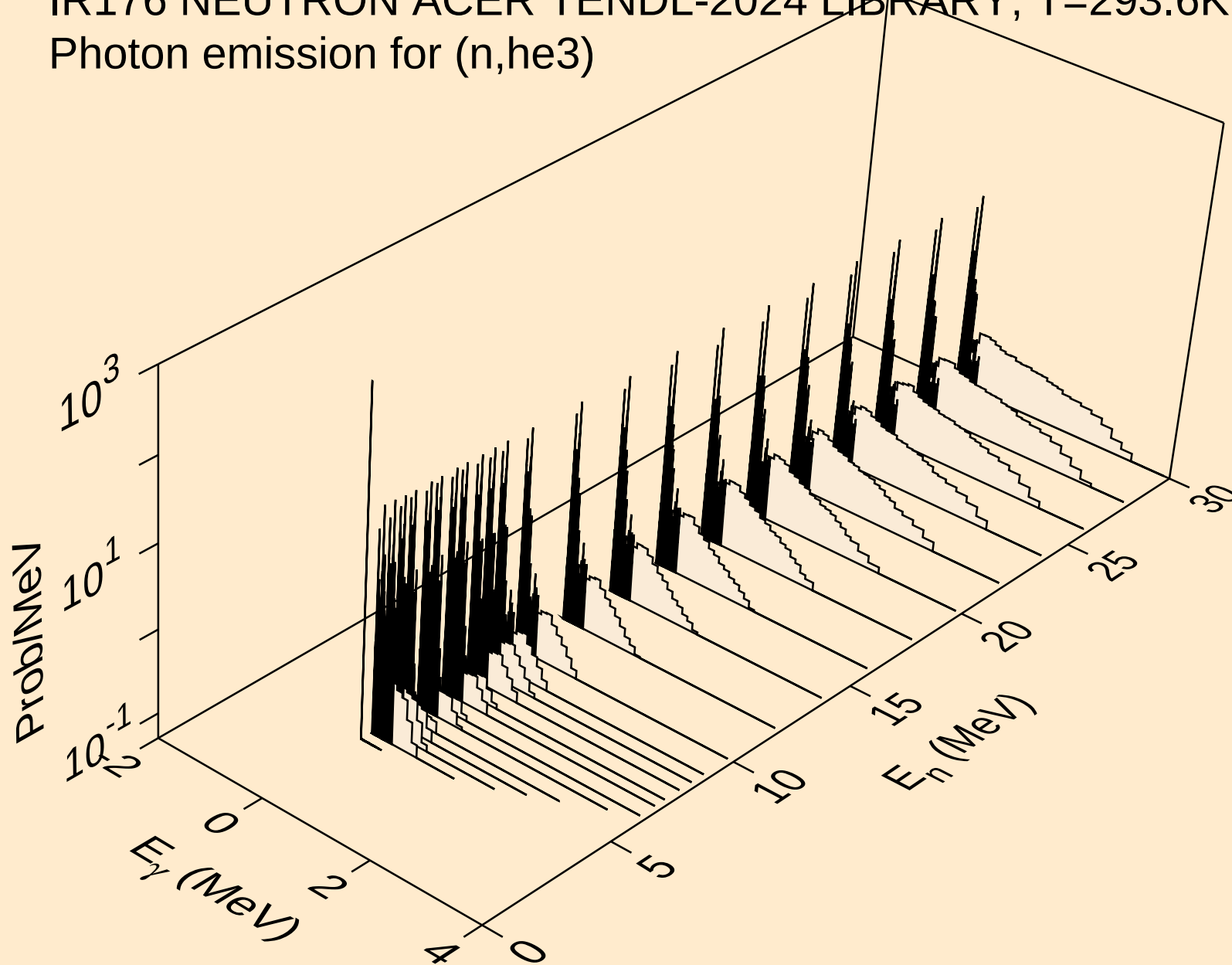
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,d)



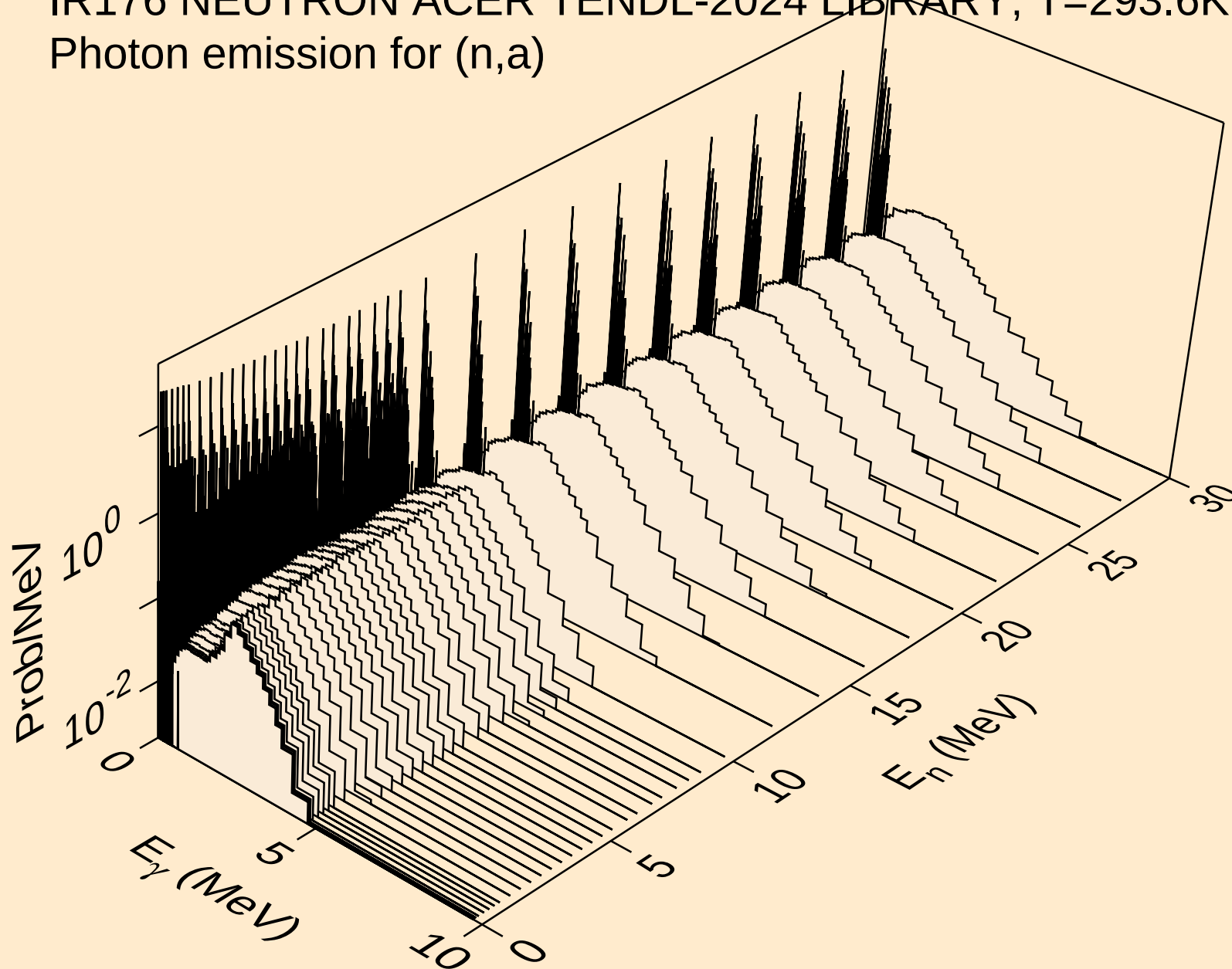
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,t)



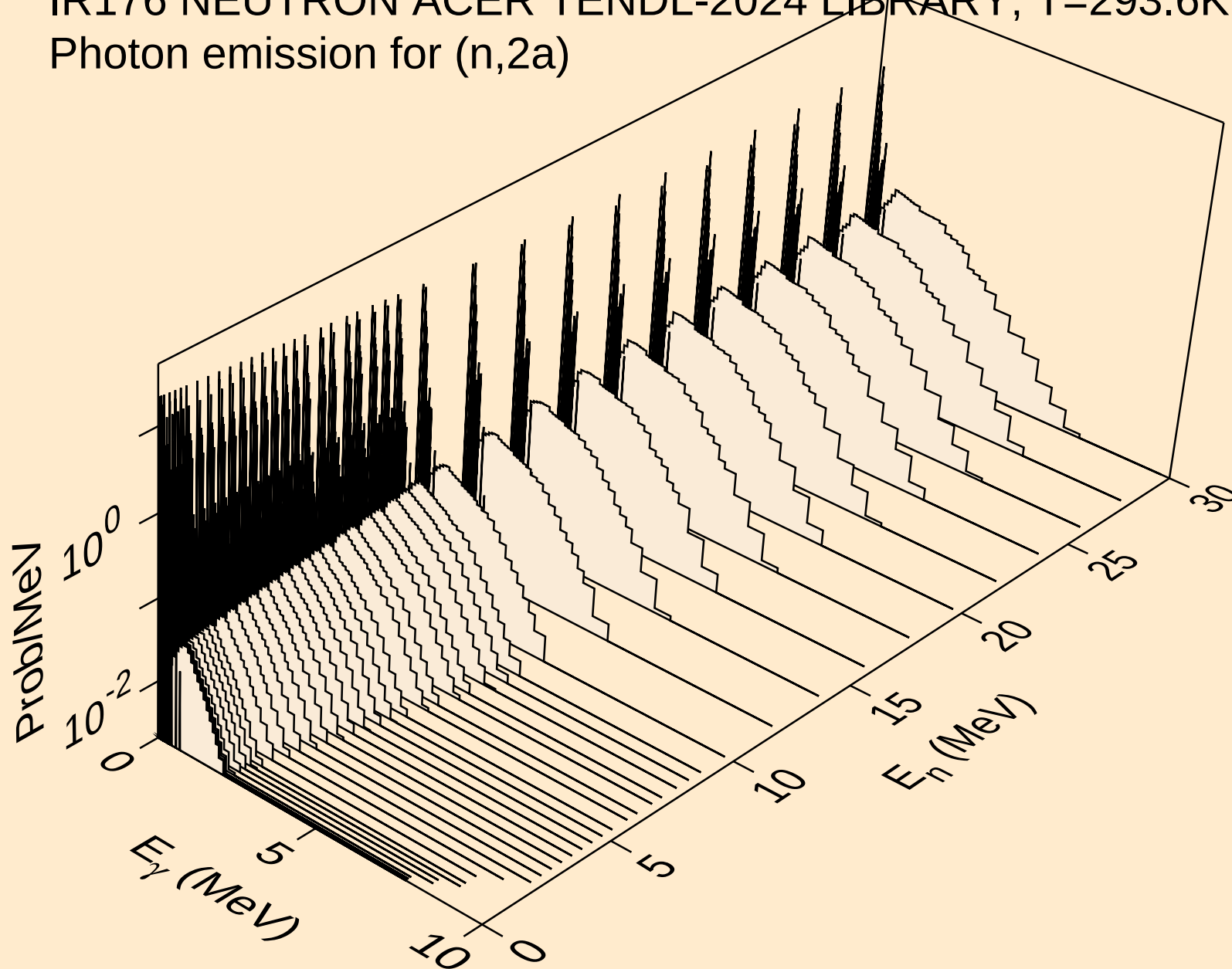
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,he3)



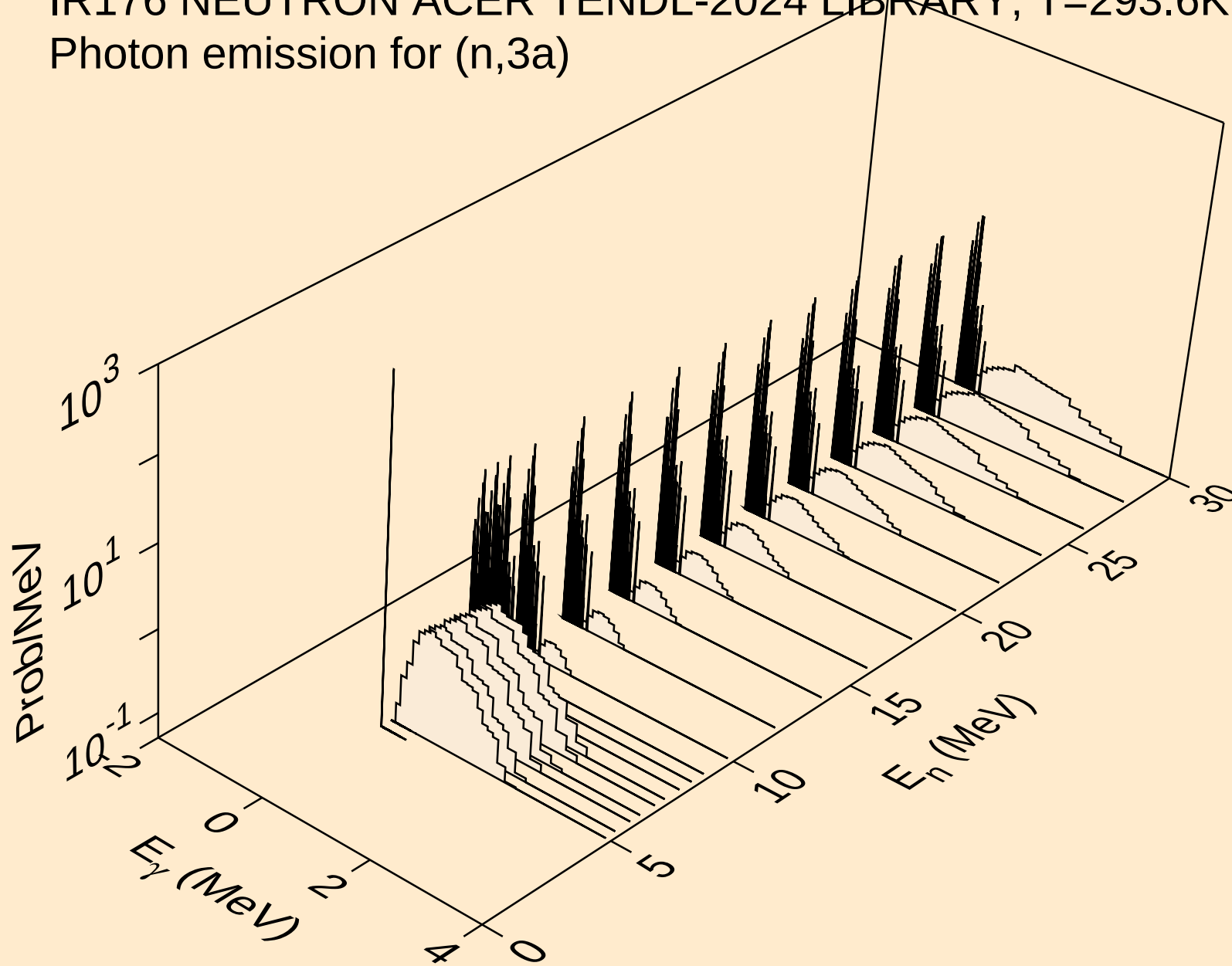
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,a)



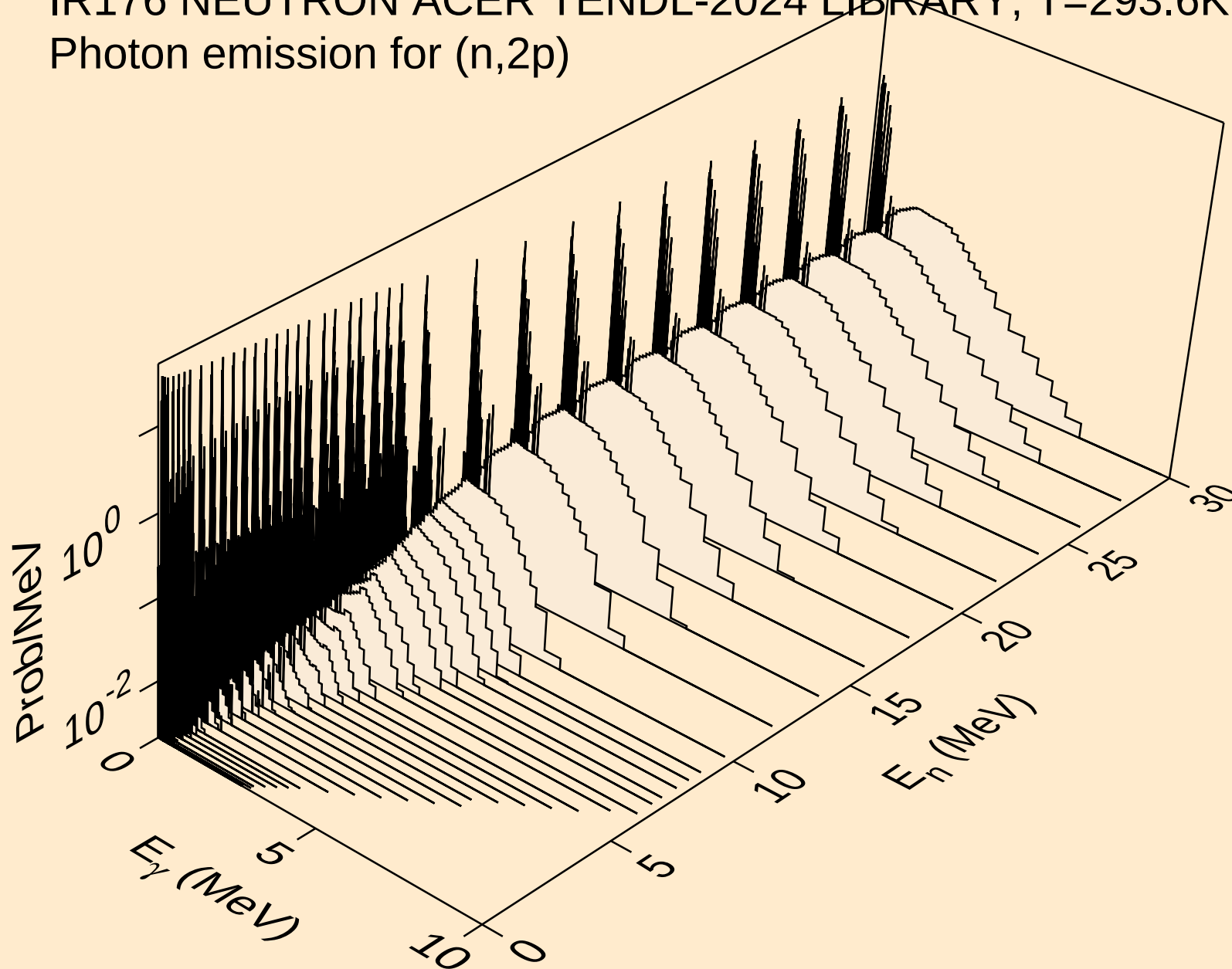
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2a)



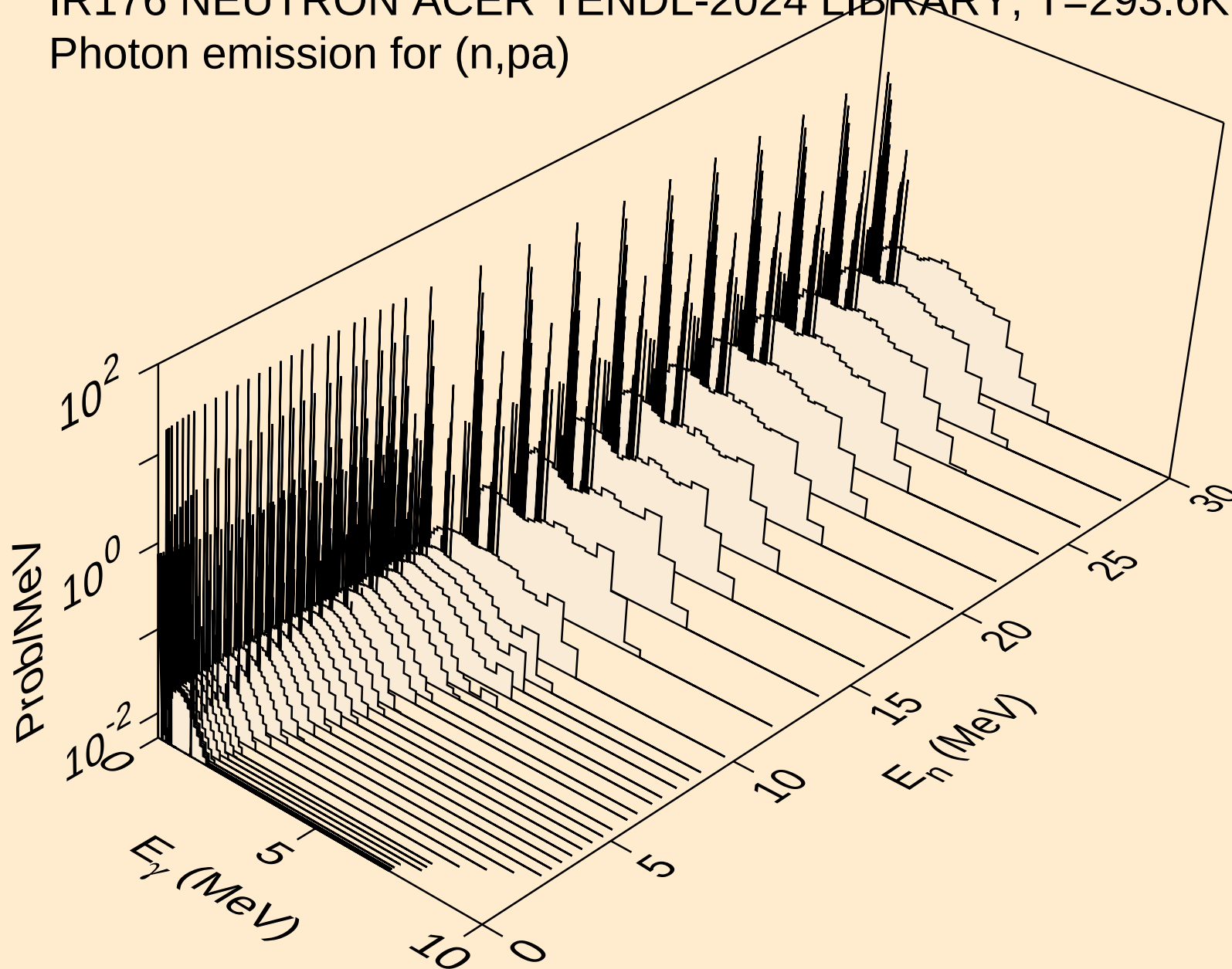
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3a)



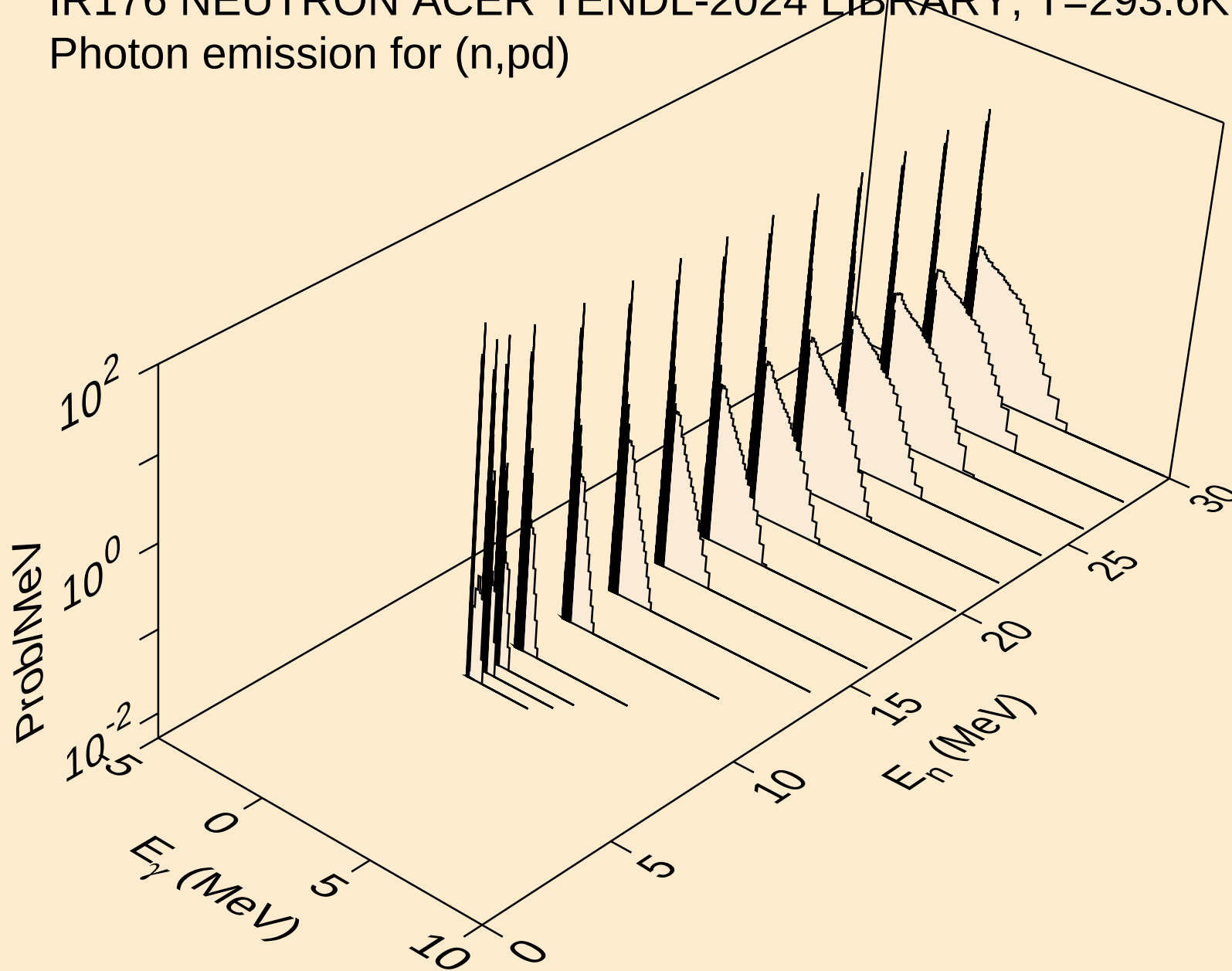
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2p)



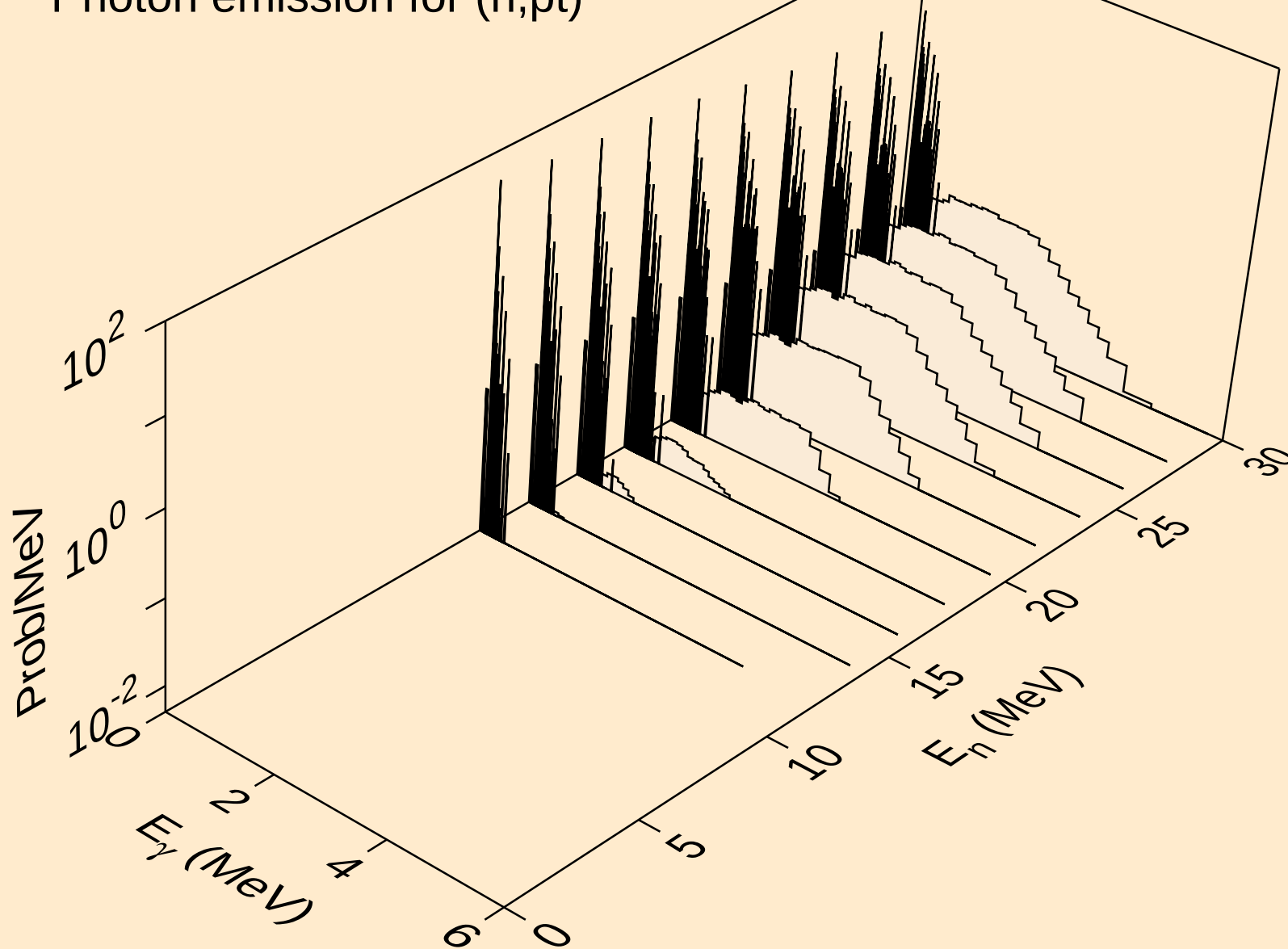
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p α)



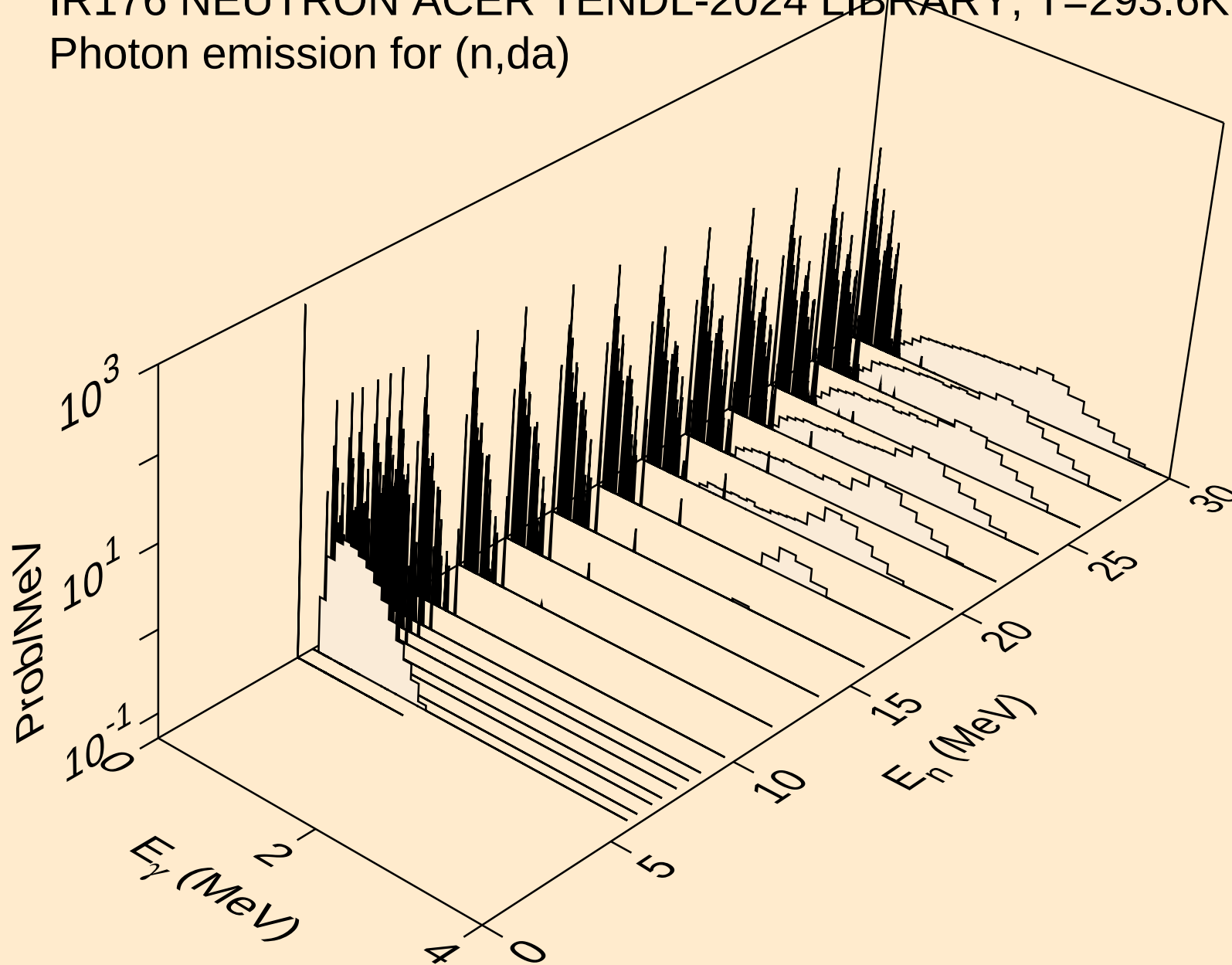
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pd)



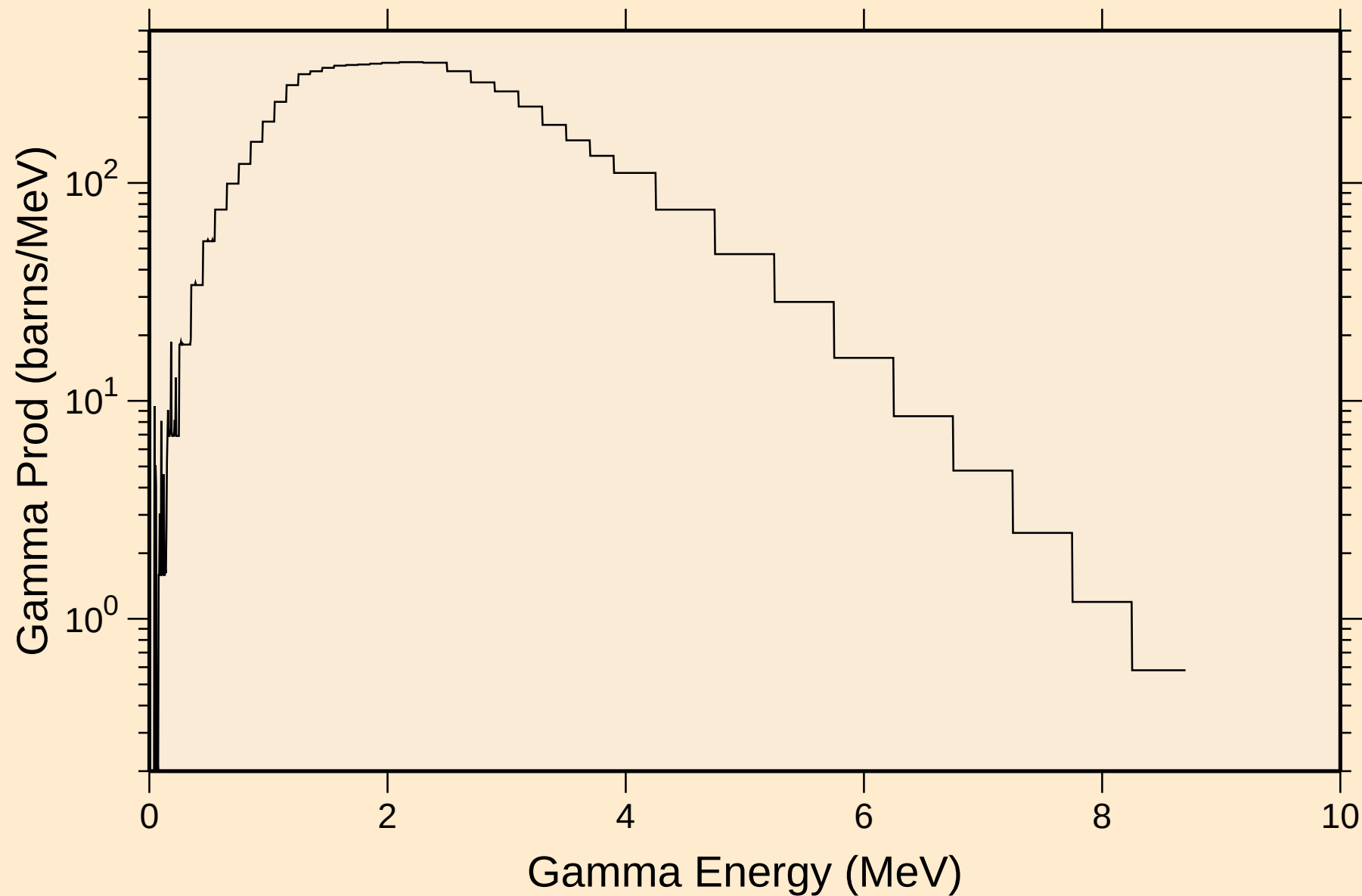
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p)



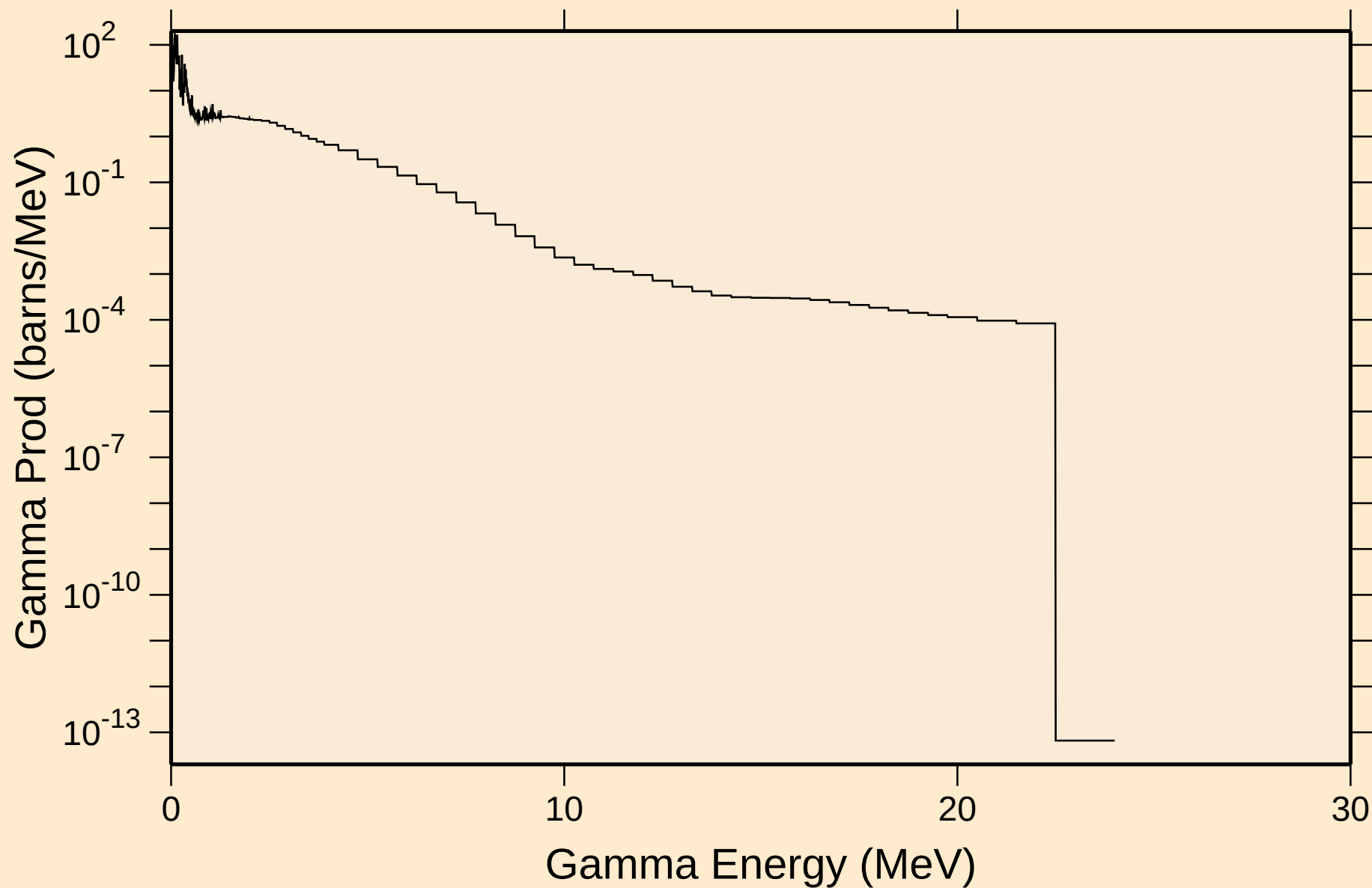
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,da)



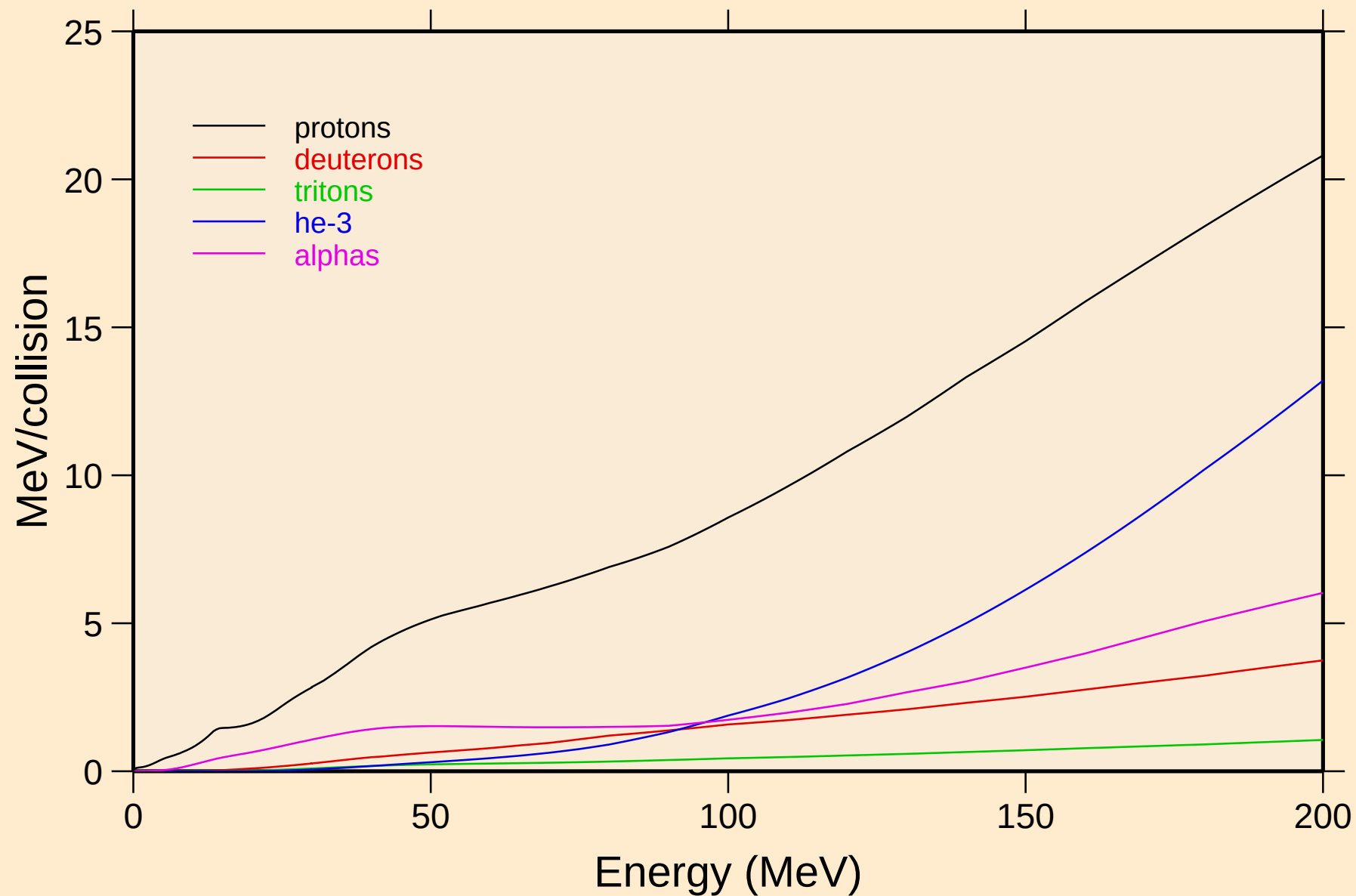
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
thermal capture photon spectrum



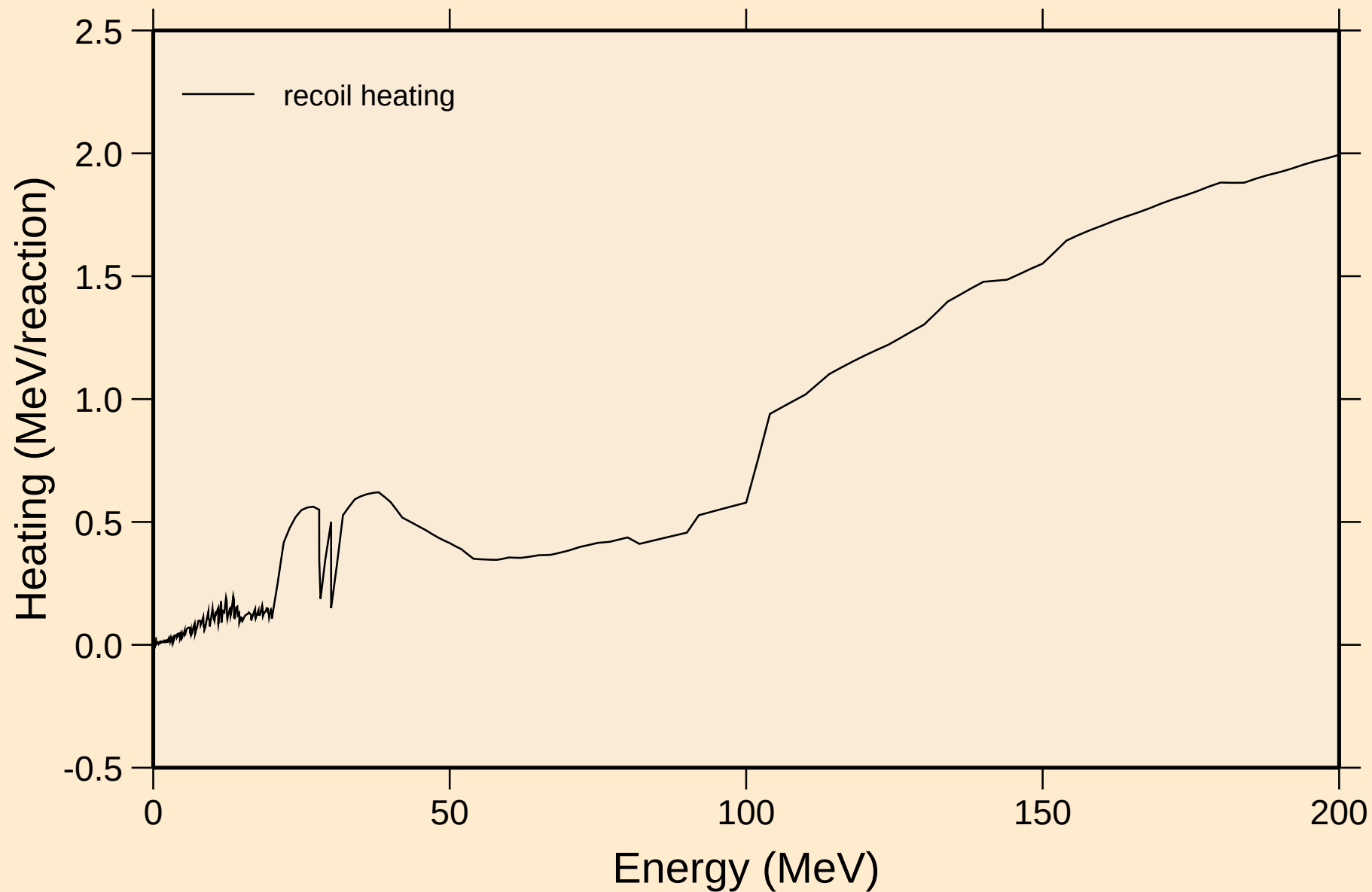
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
14 MeV photon spectrum



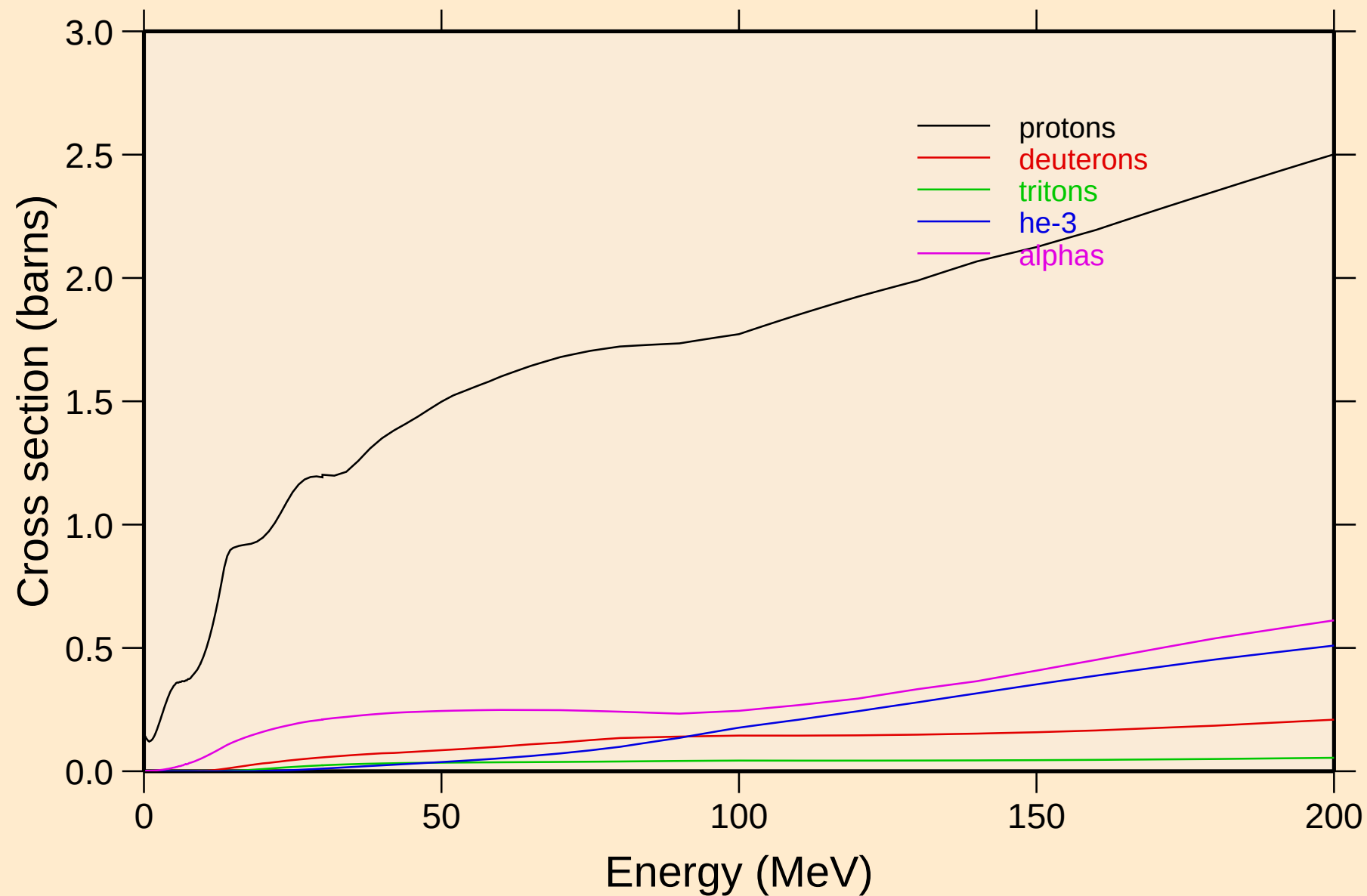
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle heating contributions



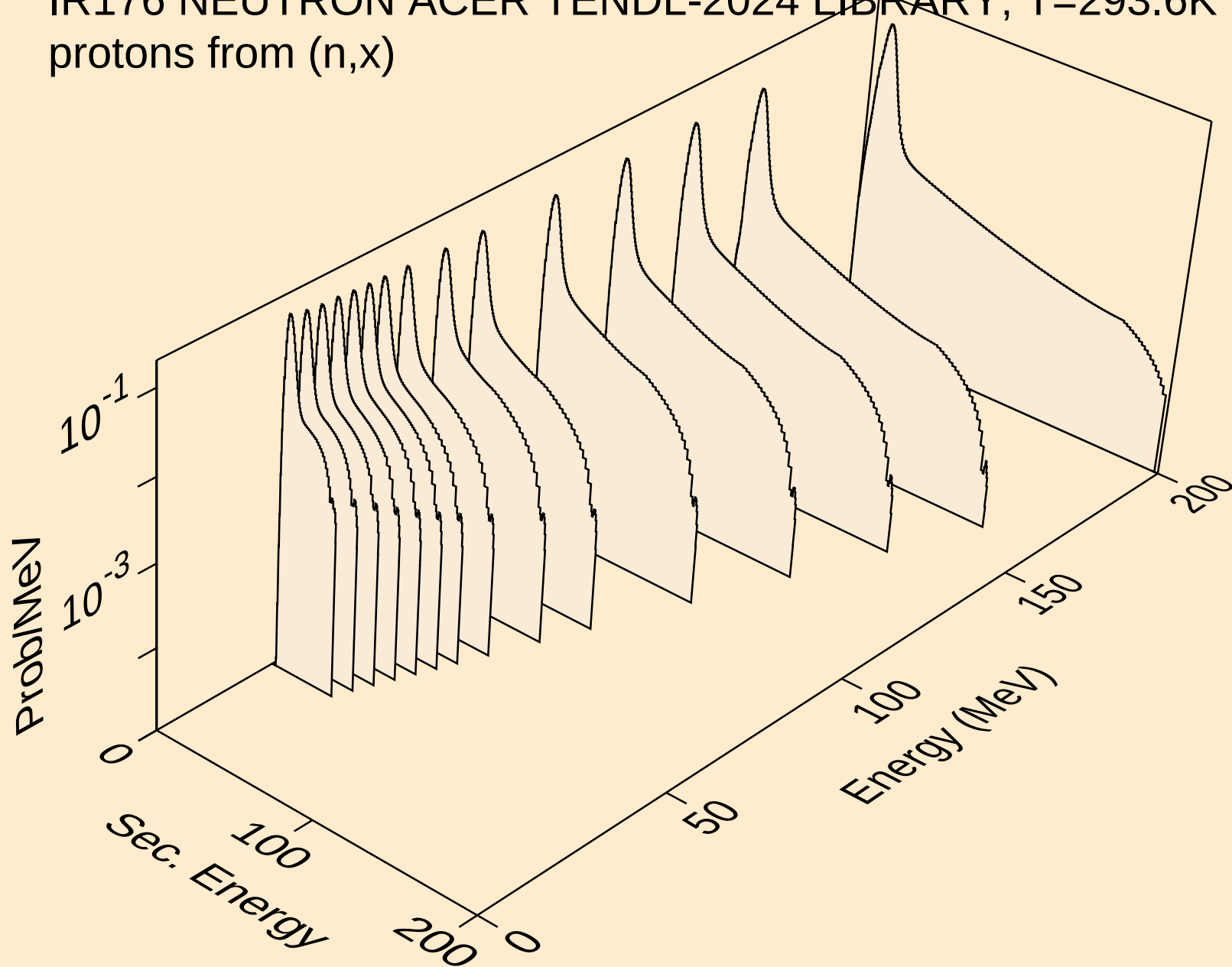
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Recoil Heating



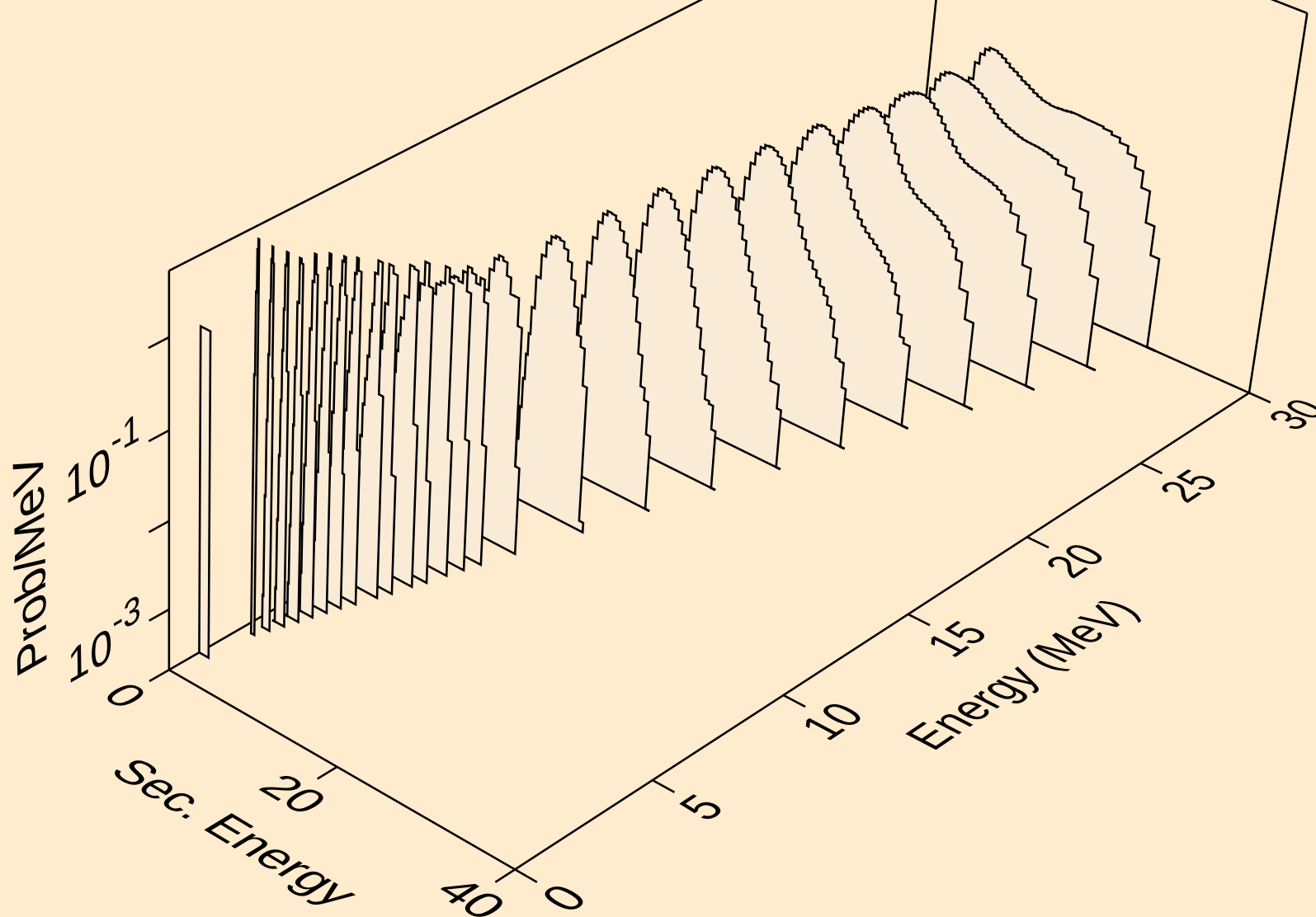
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle production cross sections



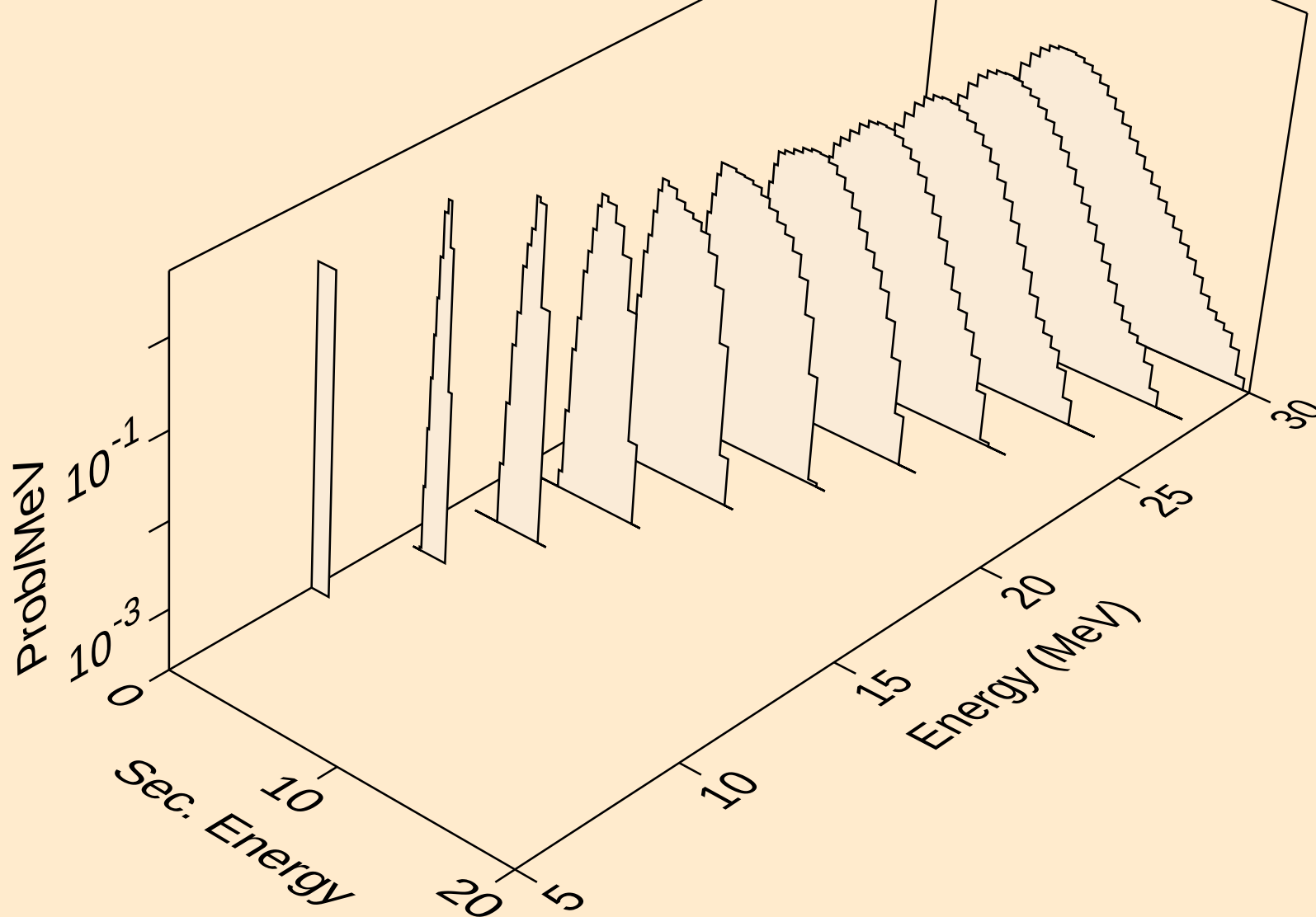
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,x)



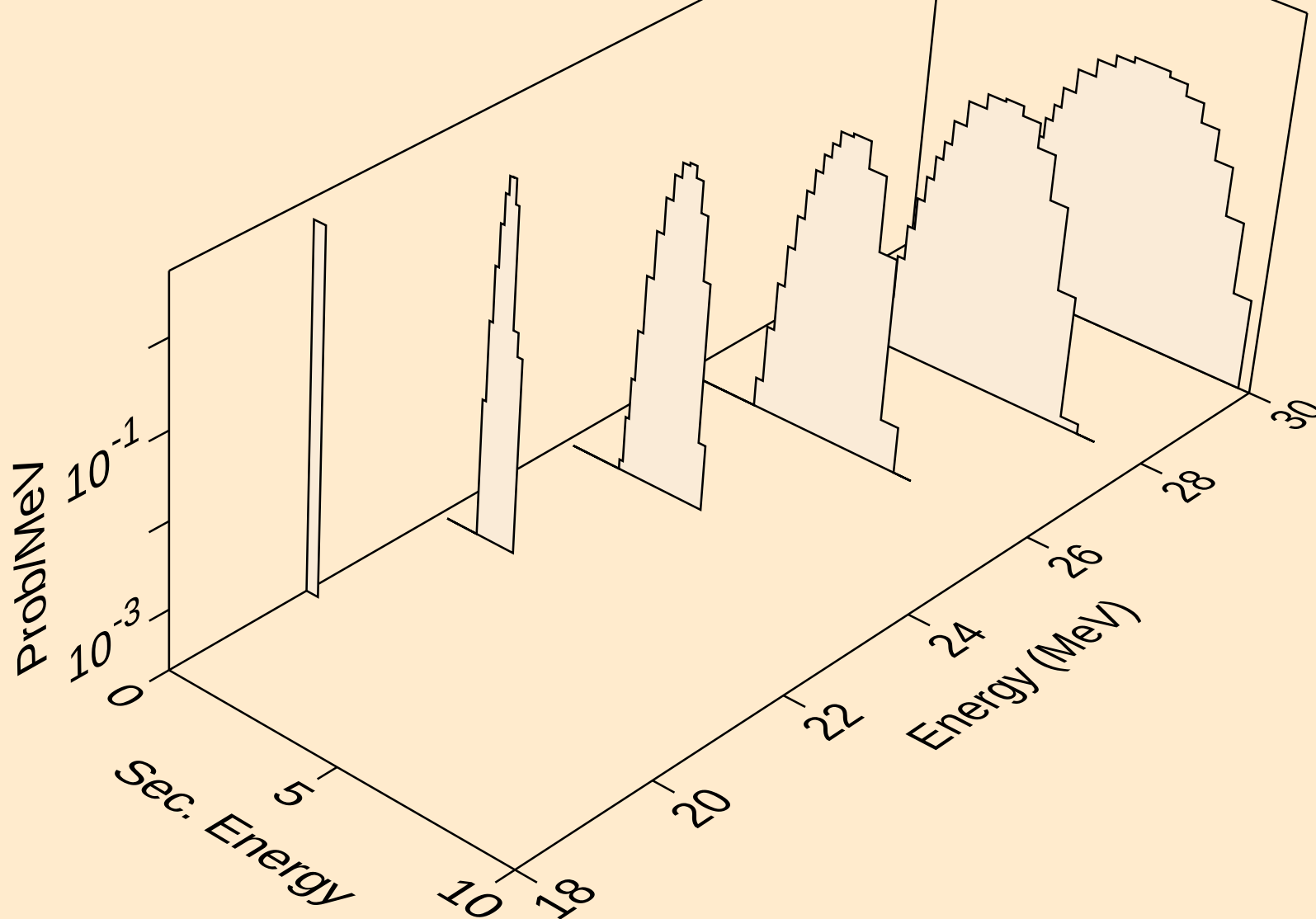
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n*)p



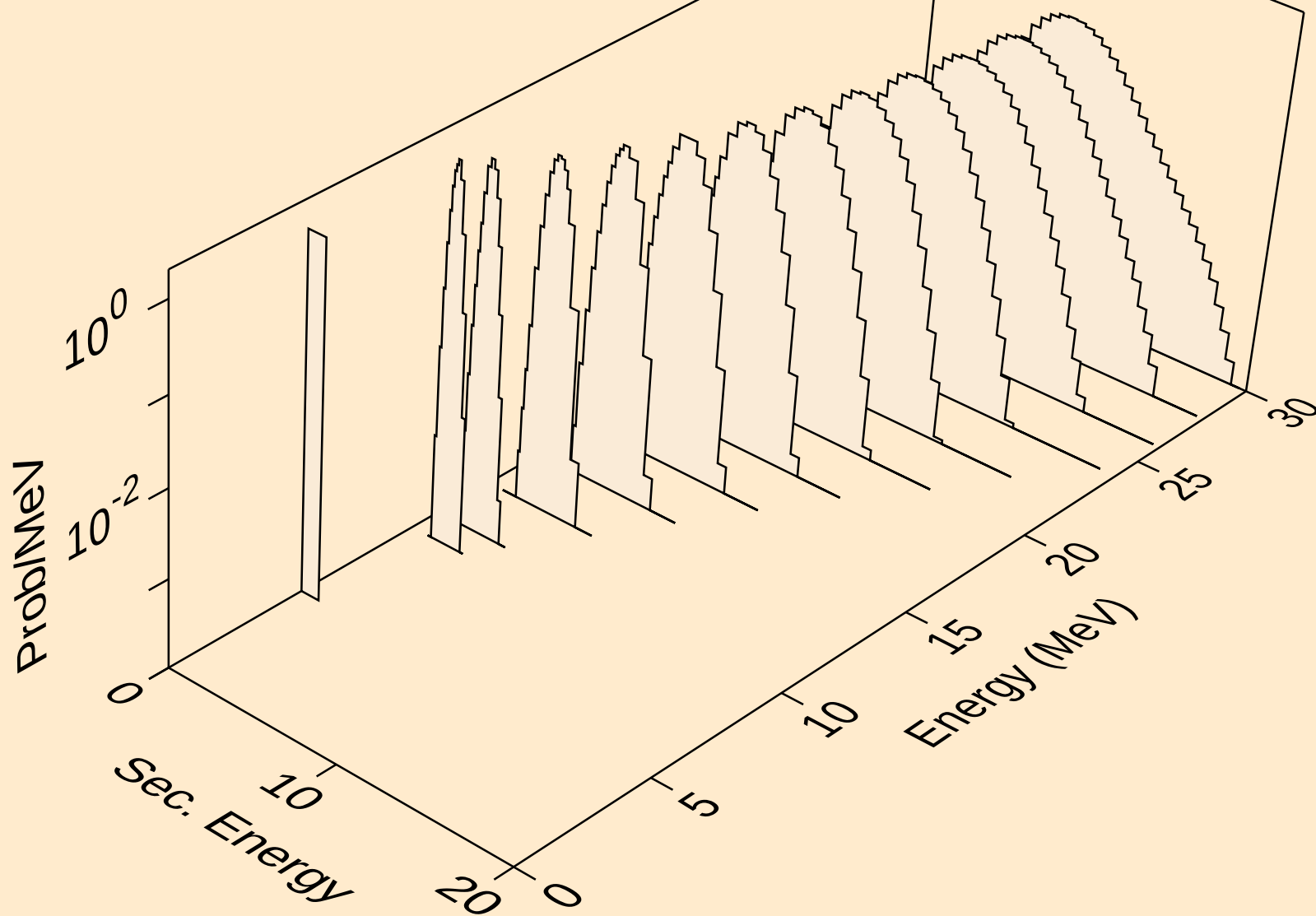
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,2np)



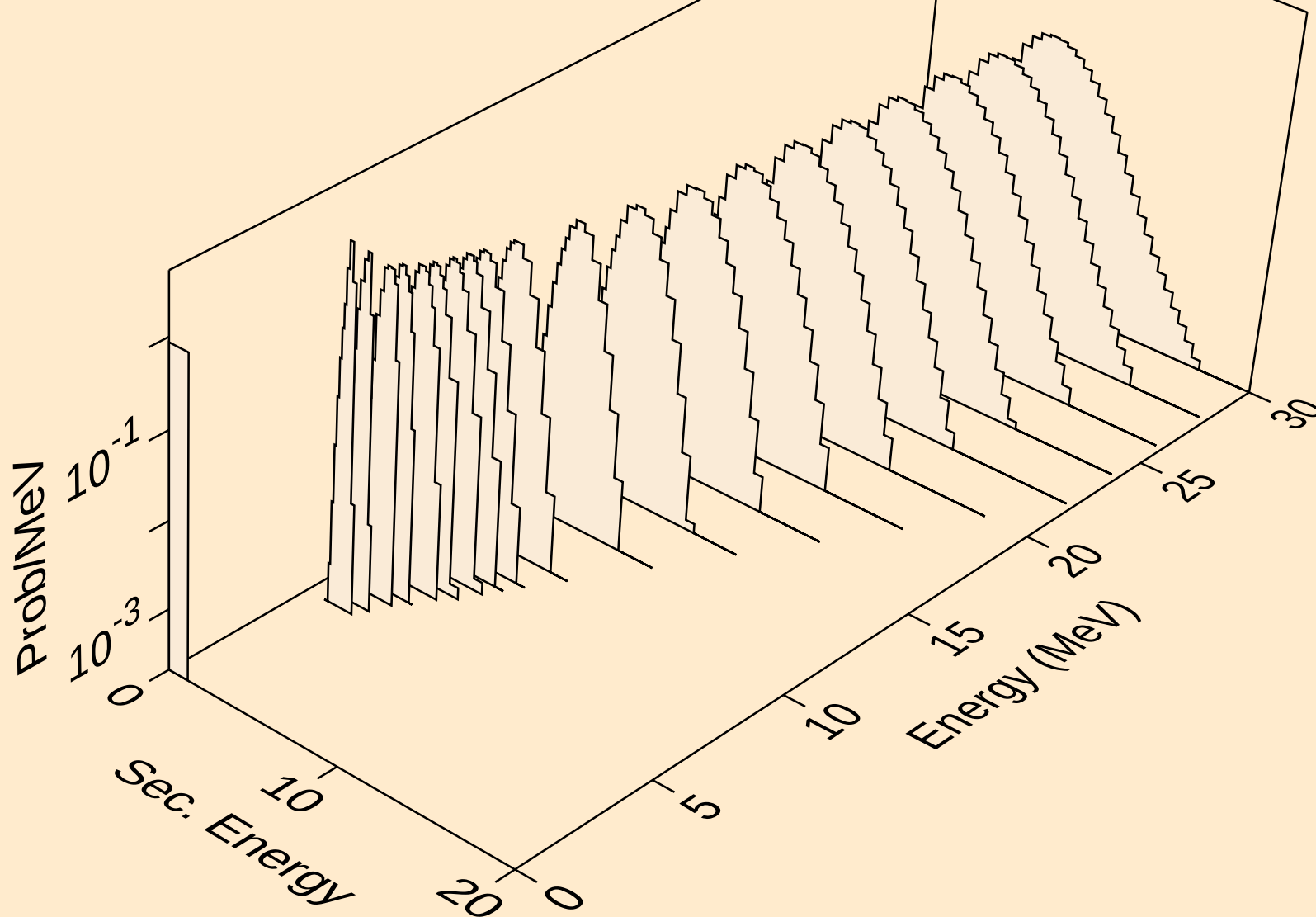
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,3np)



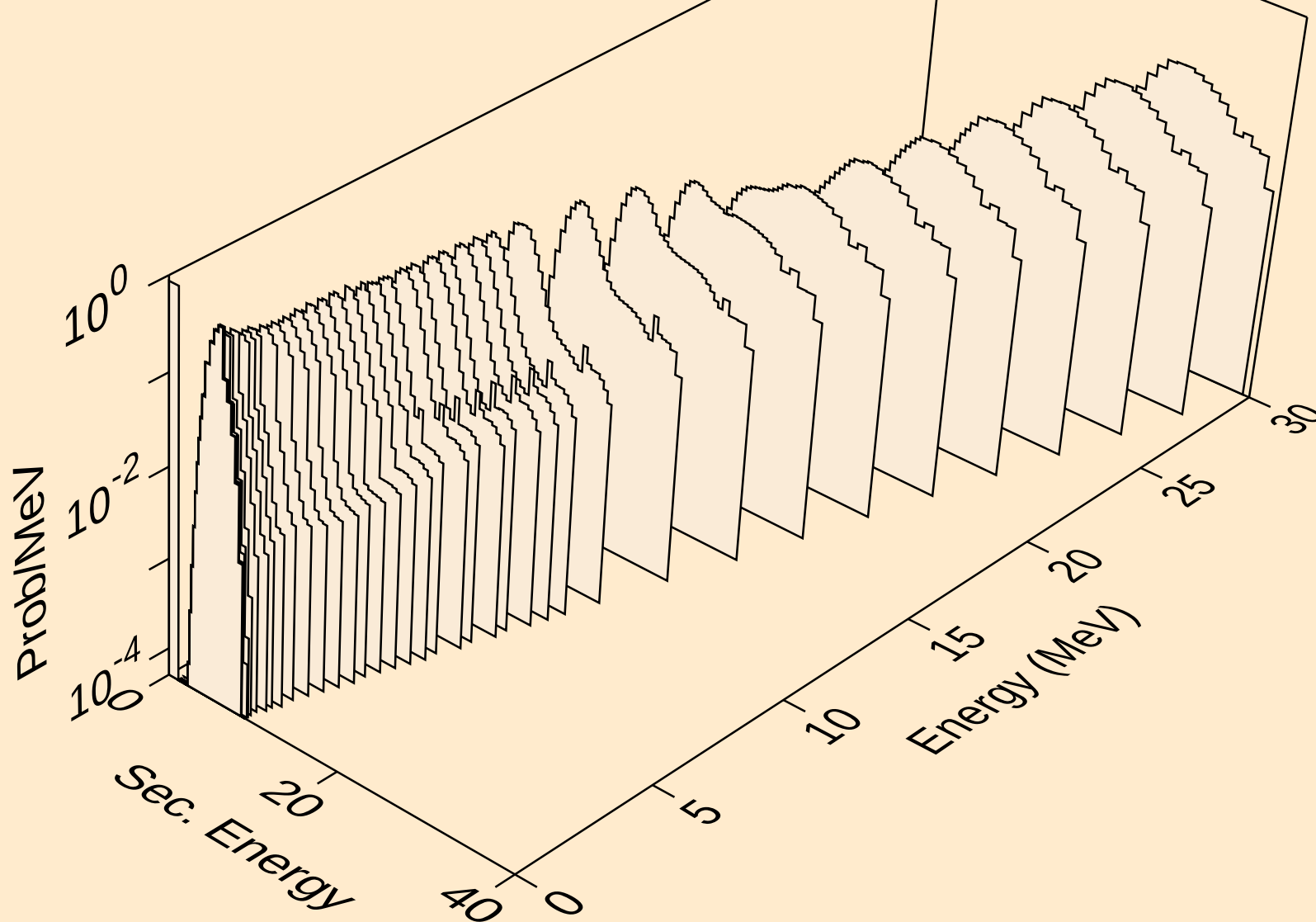
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n2p)



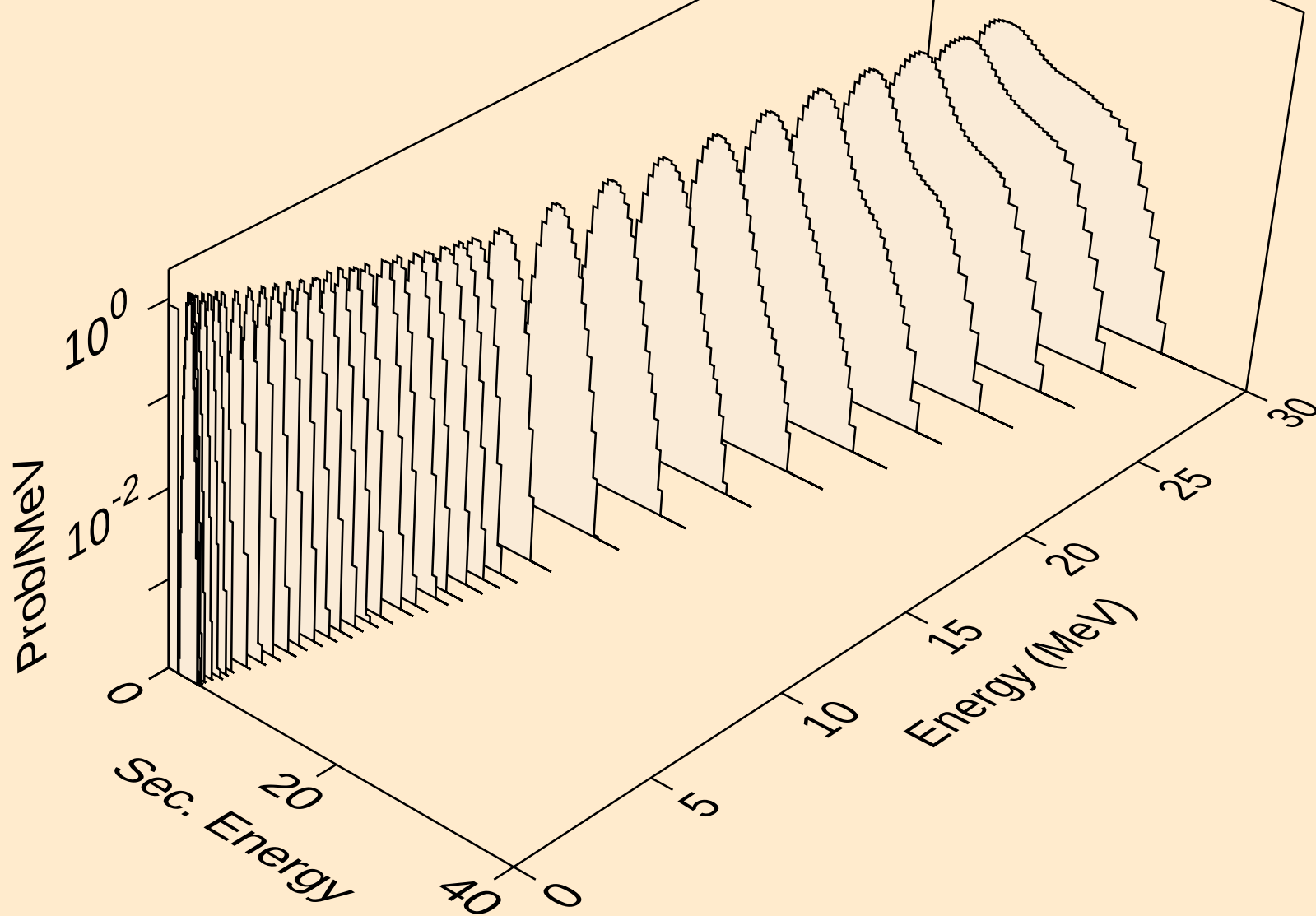
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,npa)



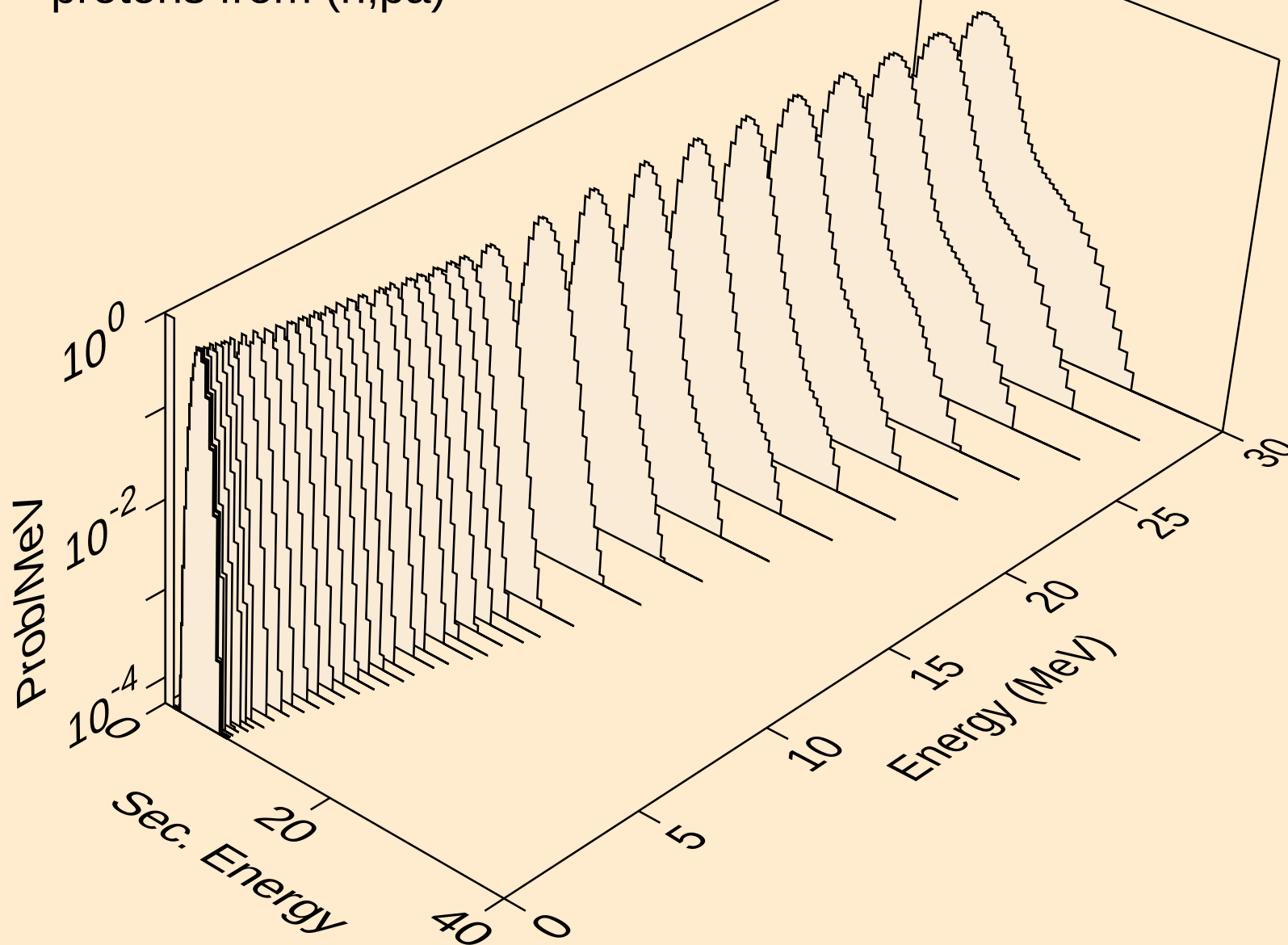
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protons from (n,p)



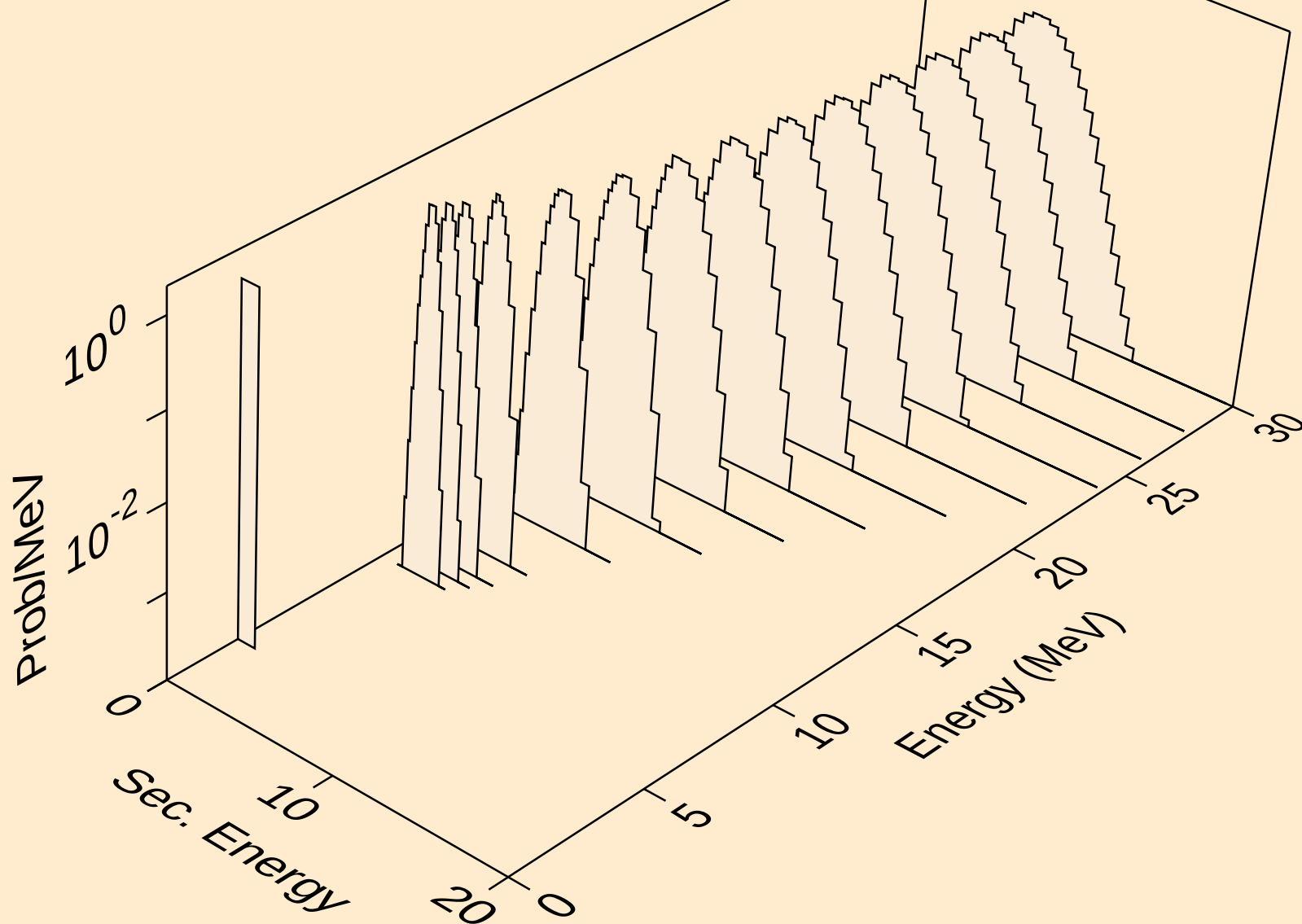
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,2p)



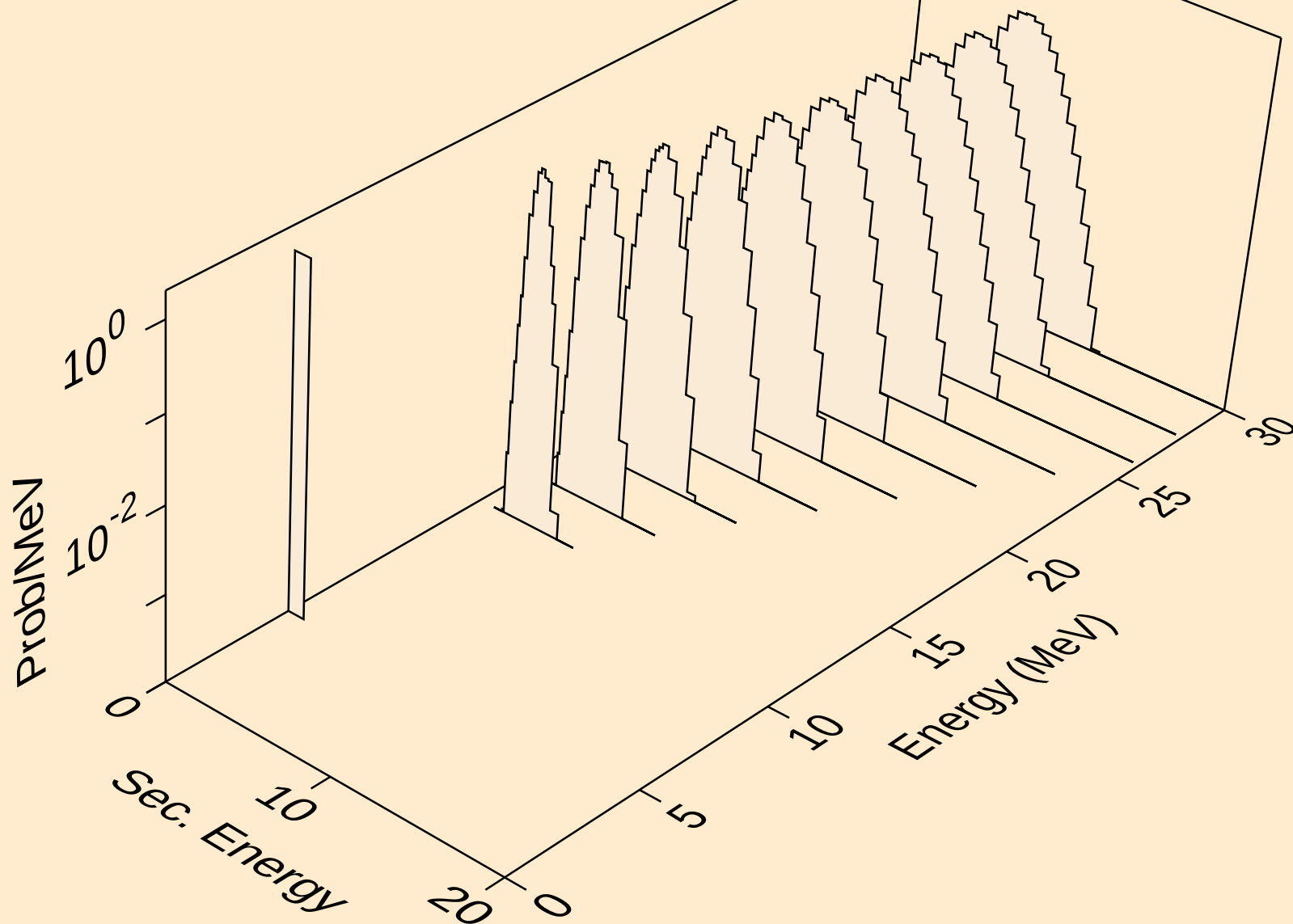
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,p)



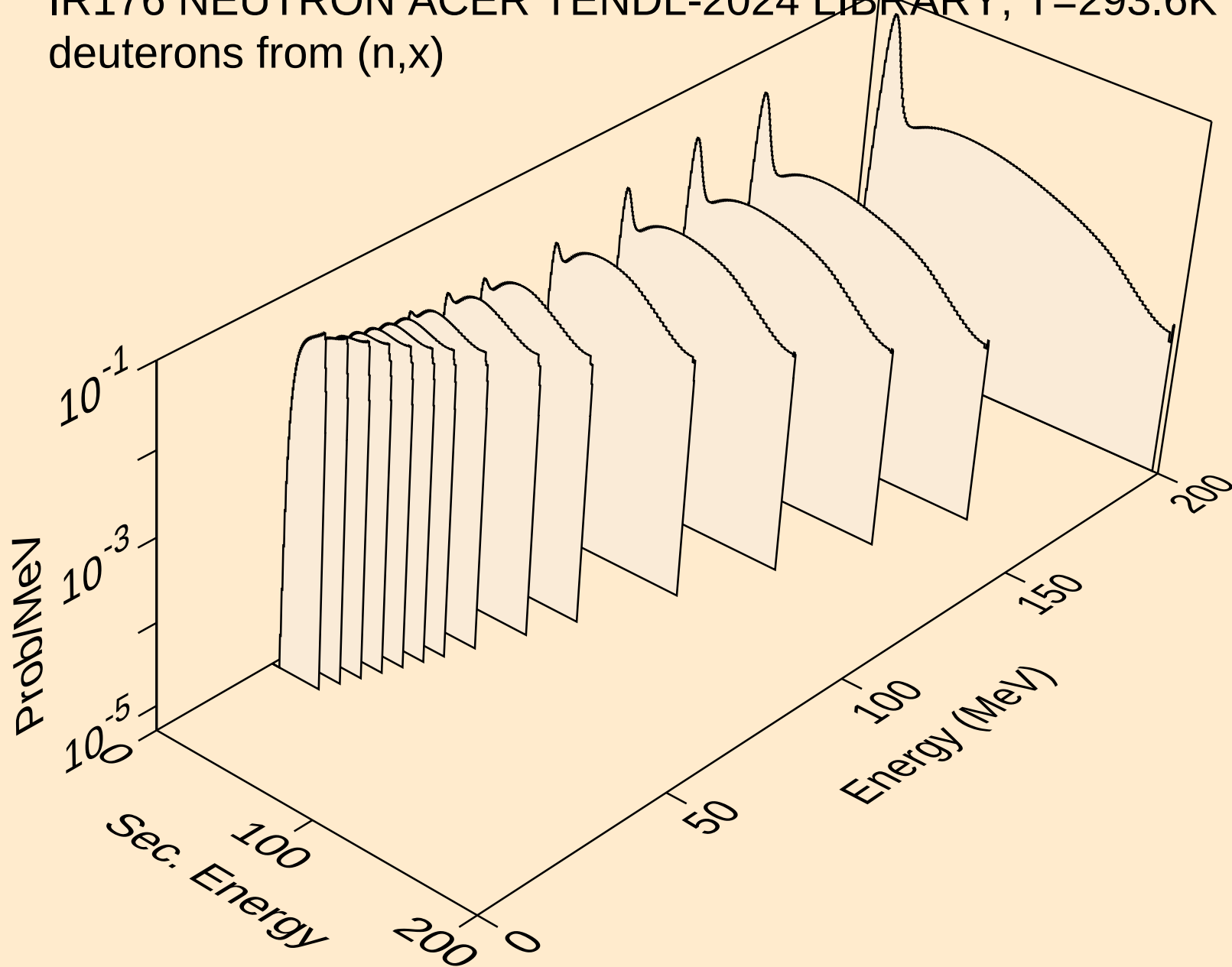
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,pd)



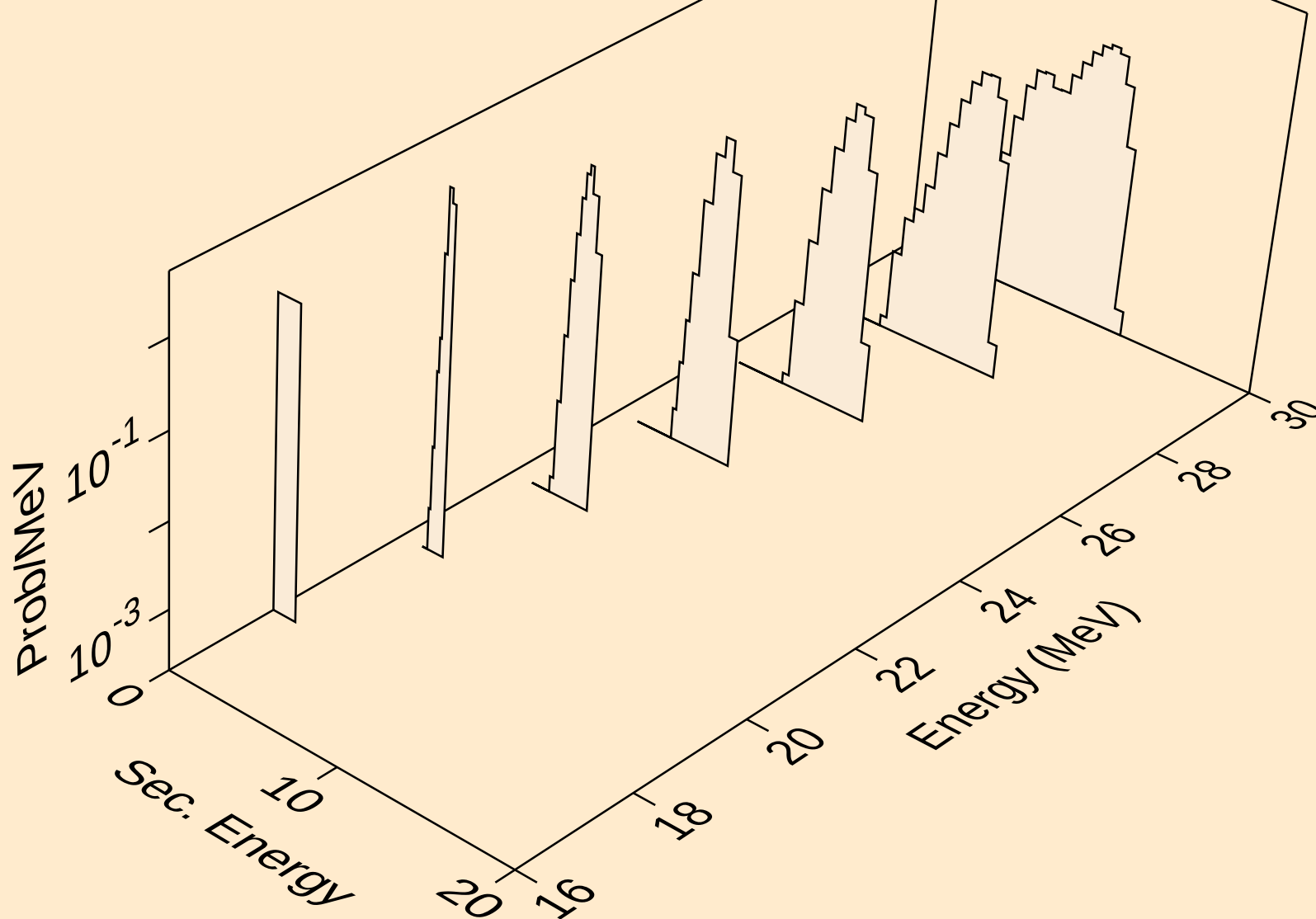
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,pt)



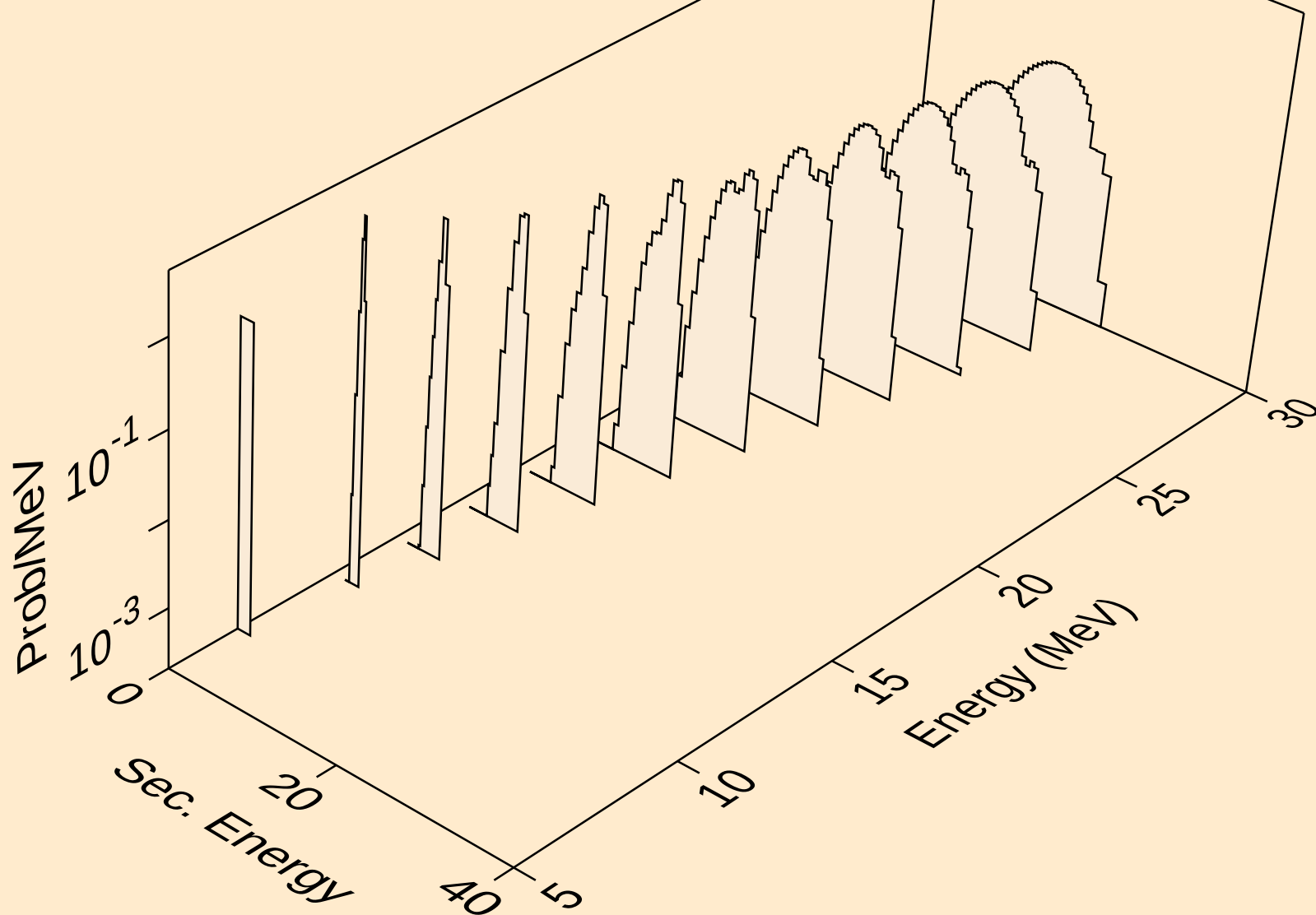
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,x)



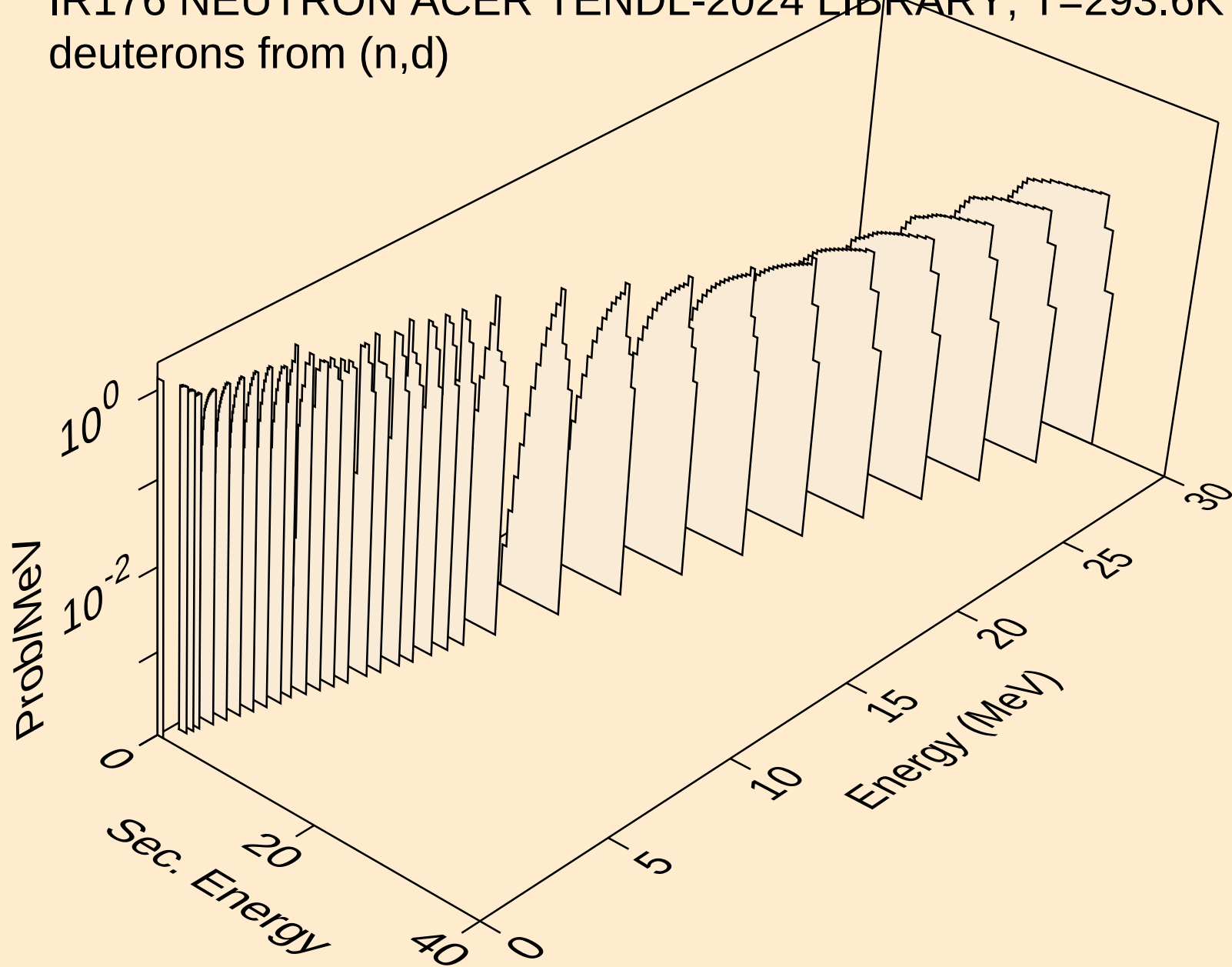
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deuterons from (n,2nd)



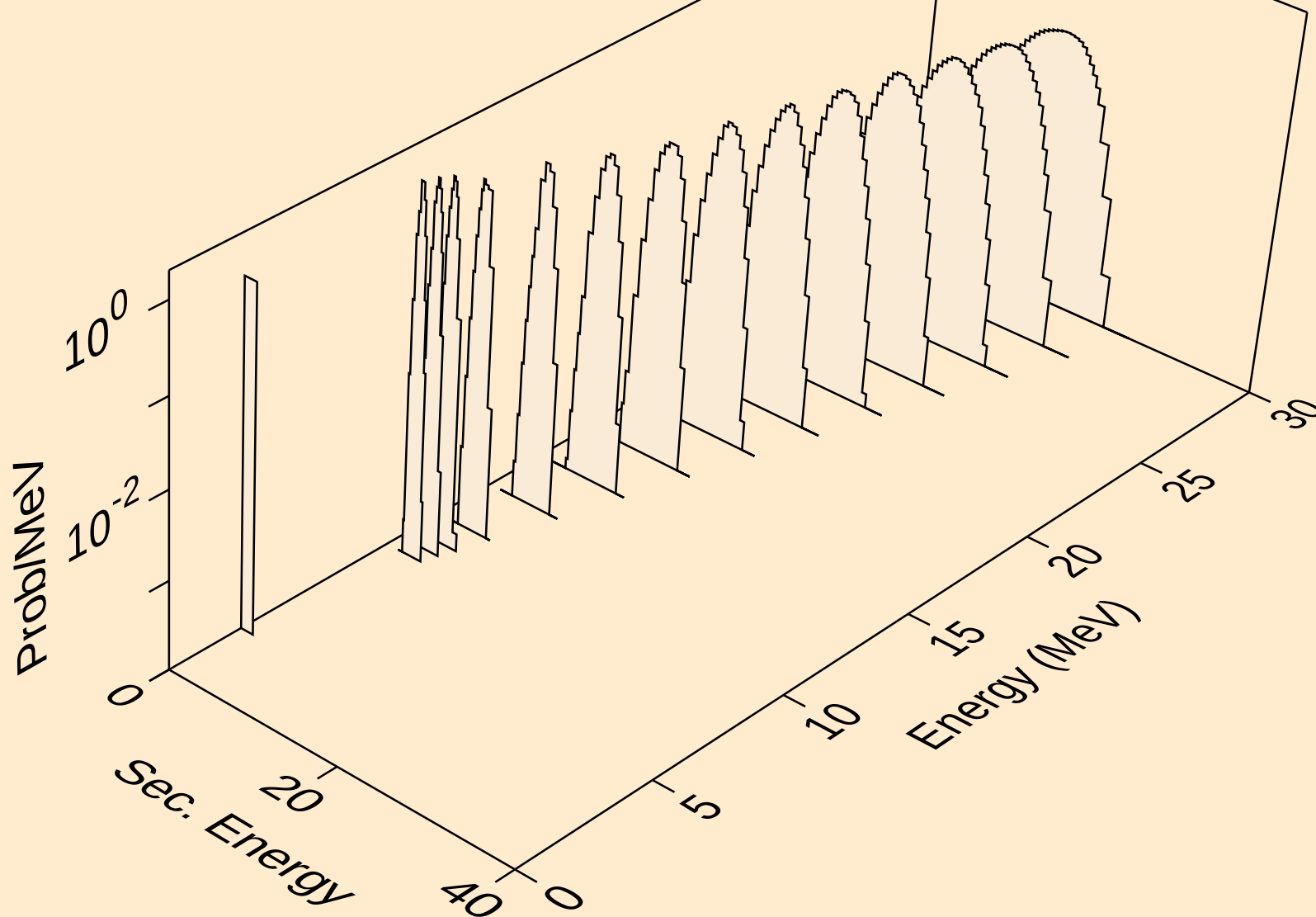
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,n*)d



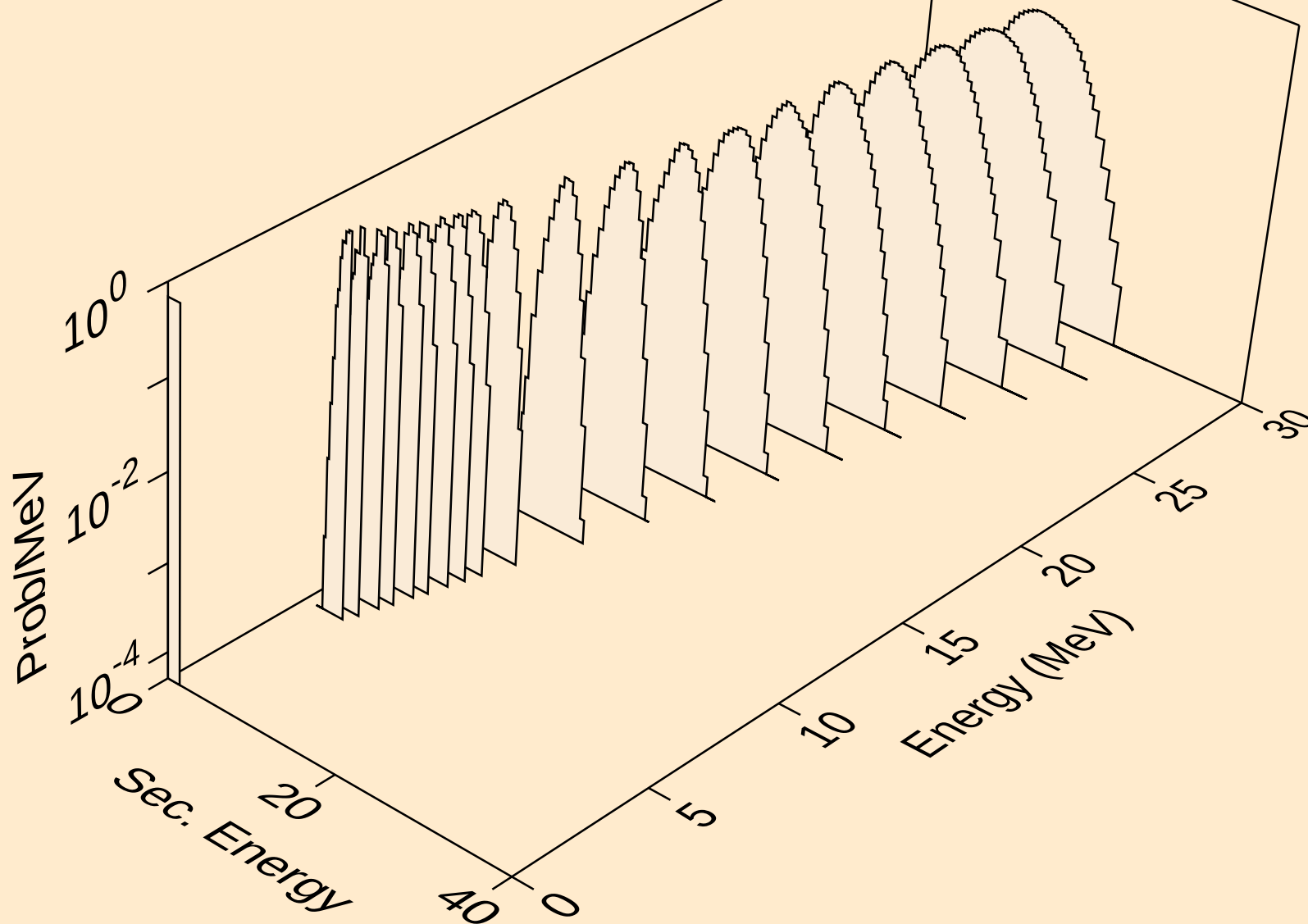
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deuterons from (n,d)



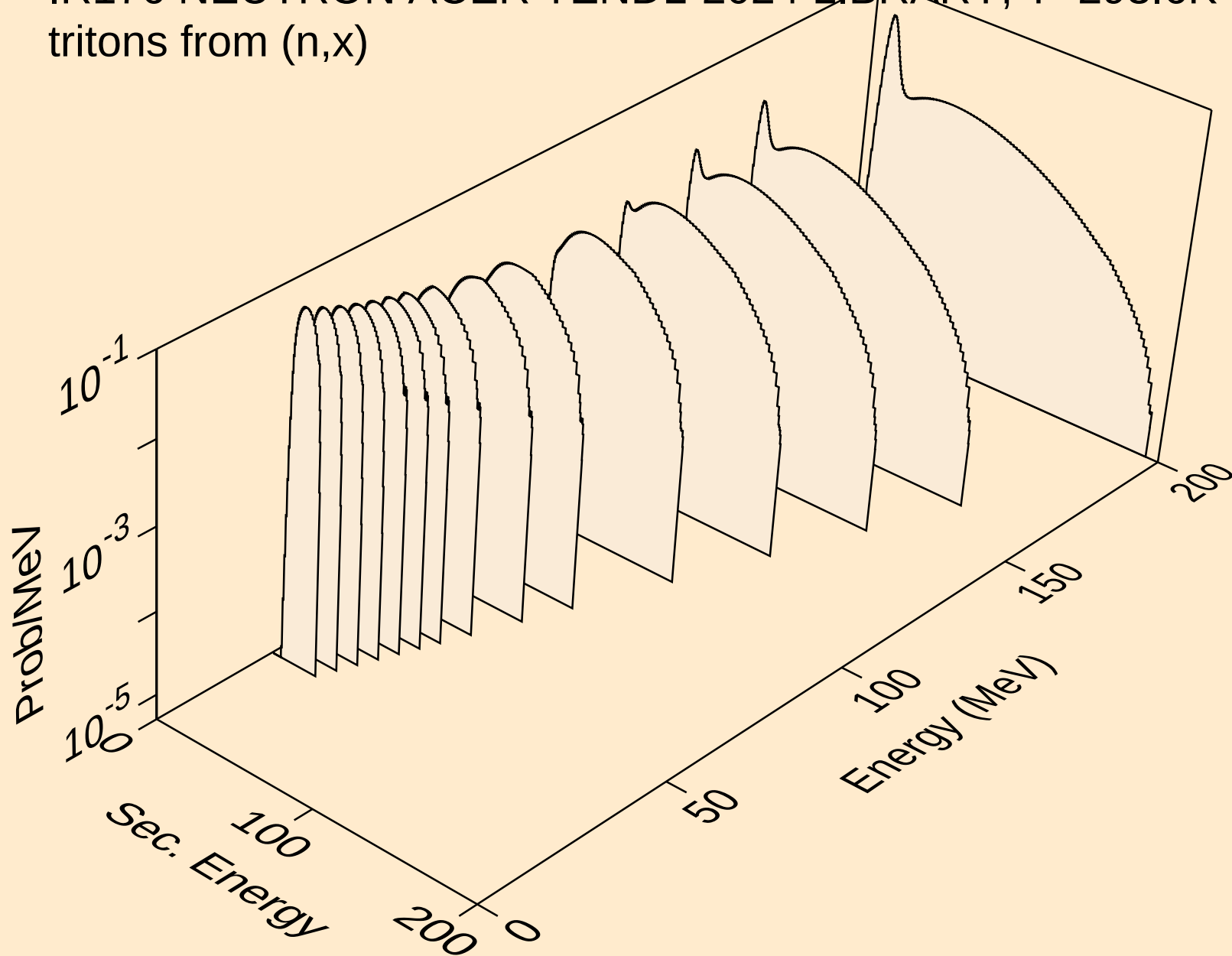
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,pd)



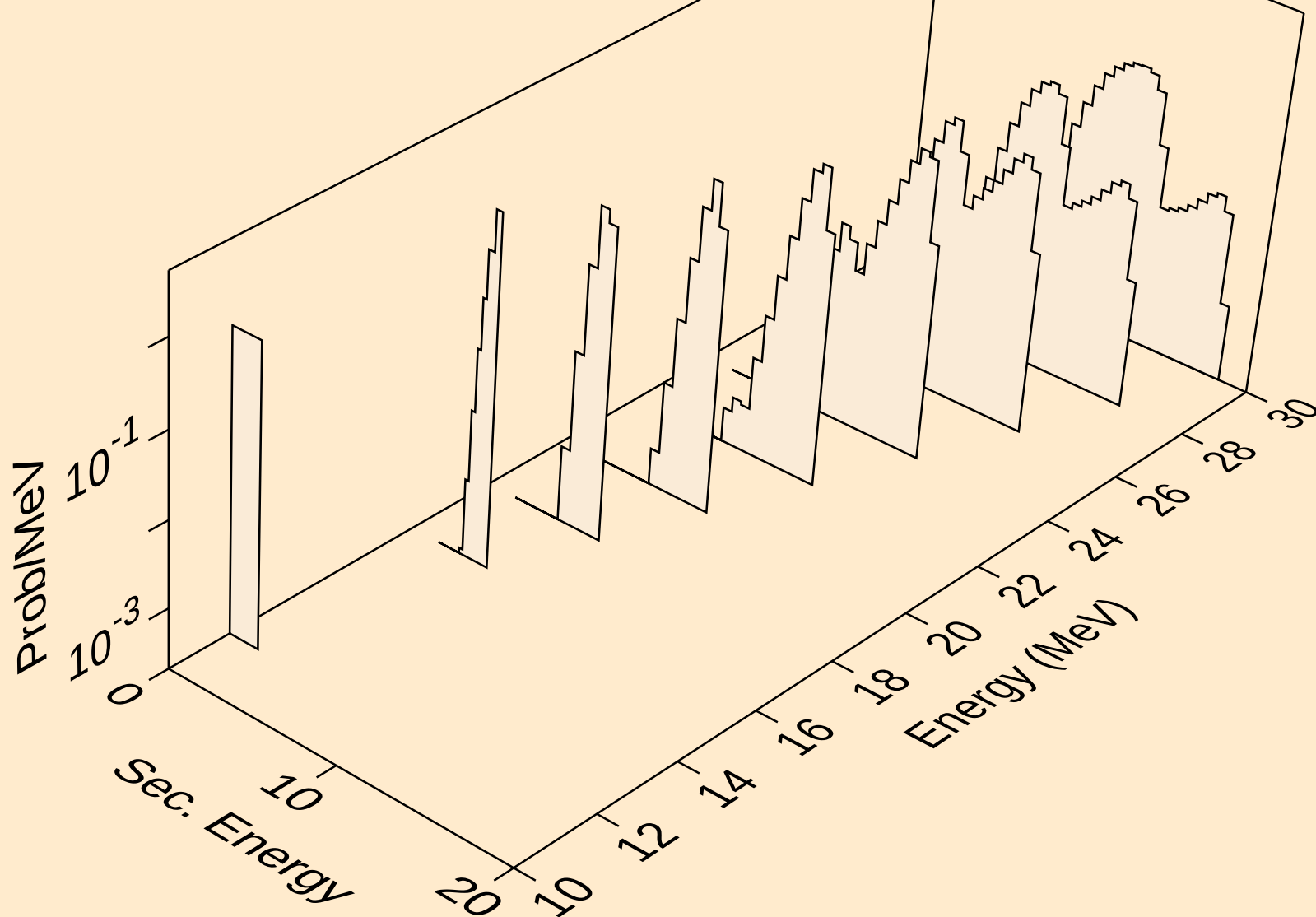
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deuterons from (n,da)



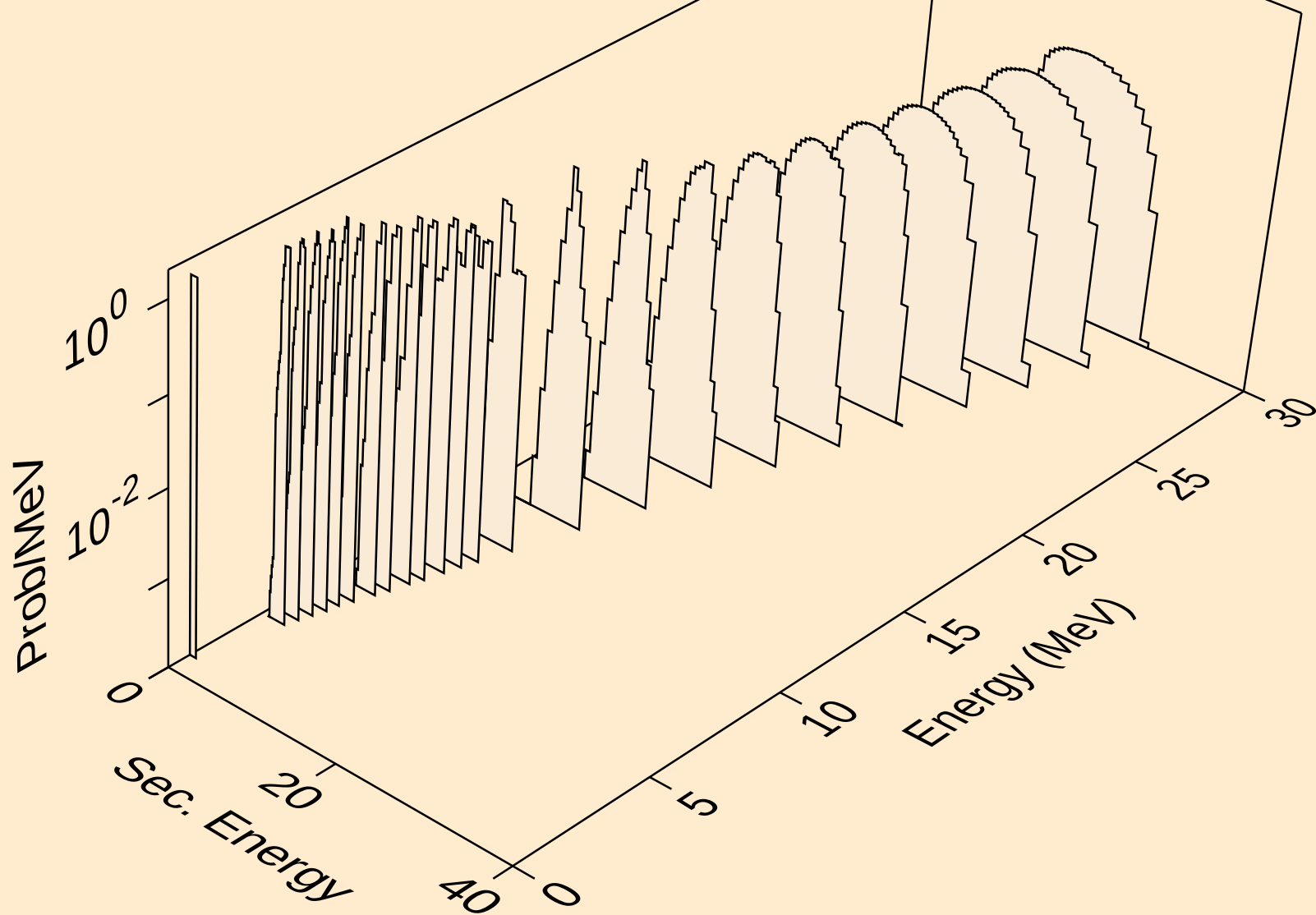
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,x)



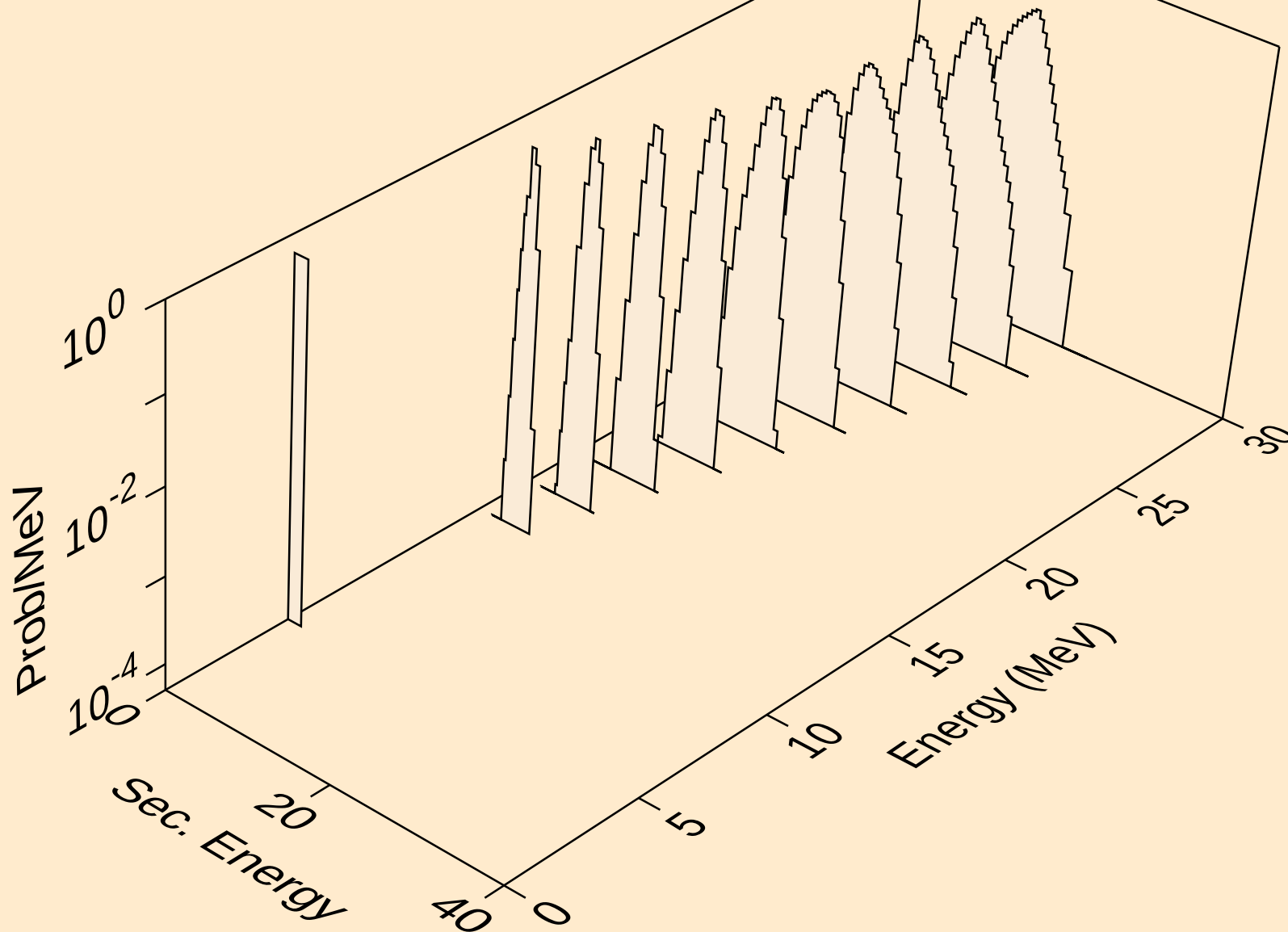
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,n*)t



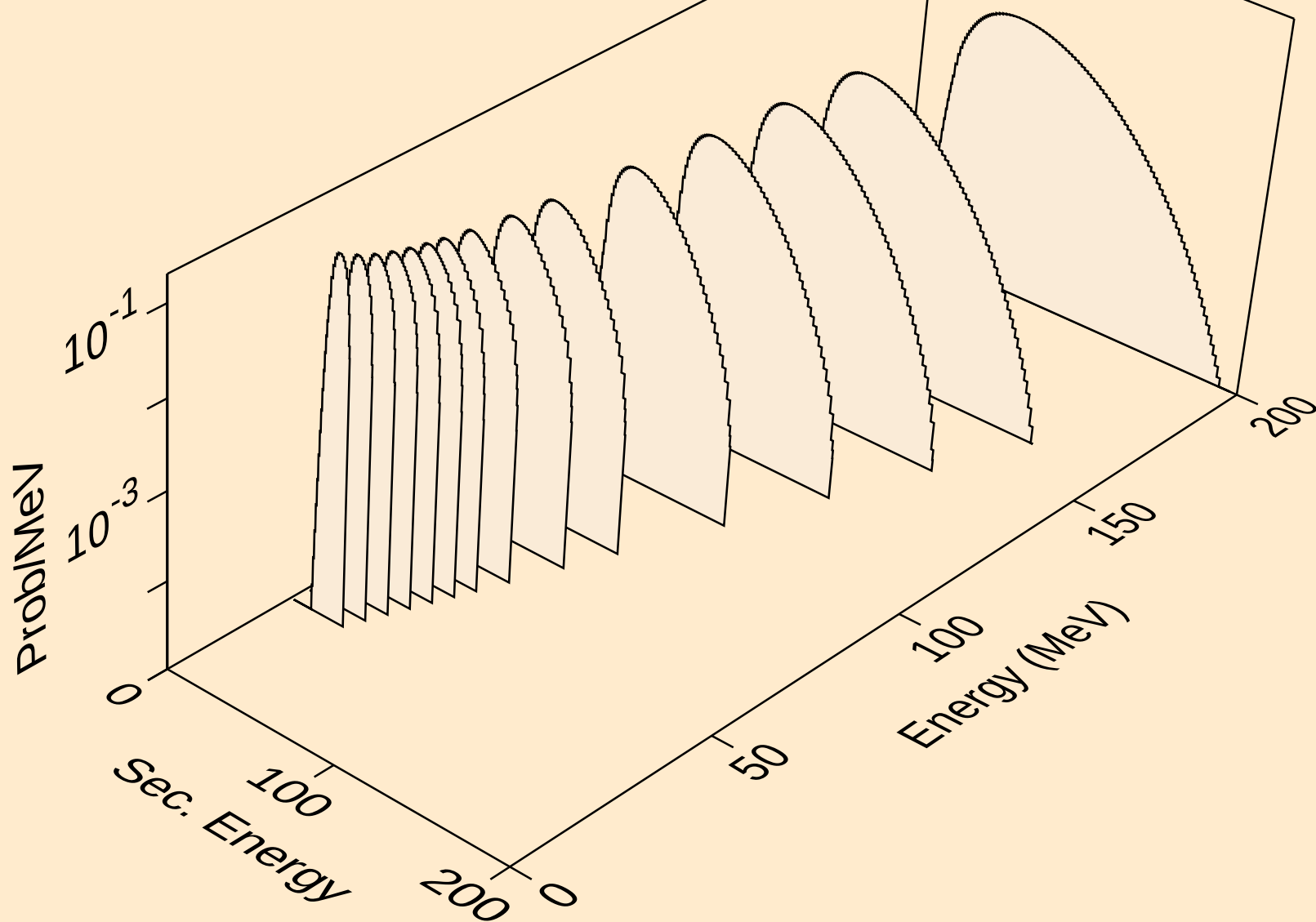
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tritons from (n,t)



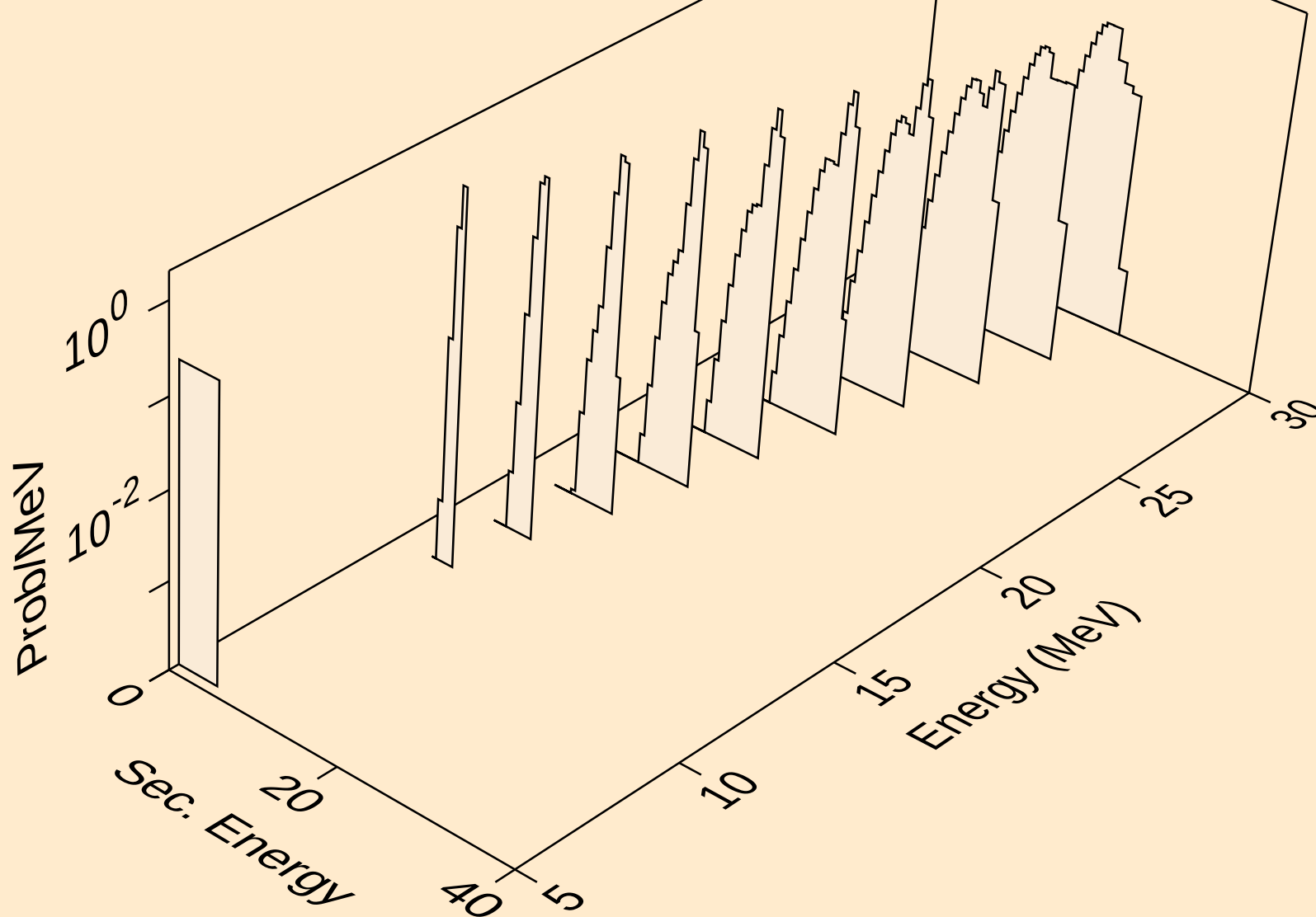
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,pt)



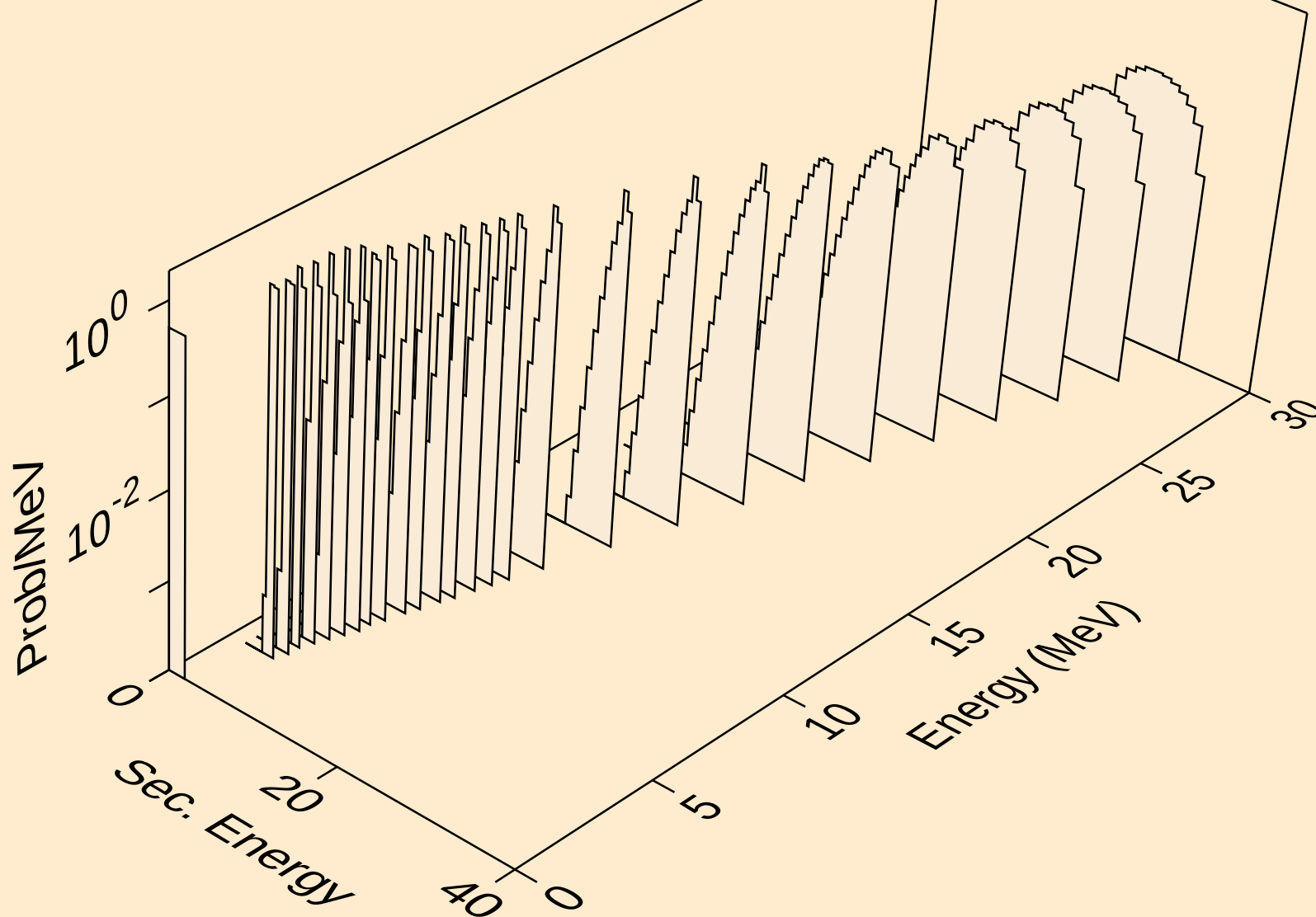
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,x)



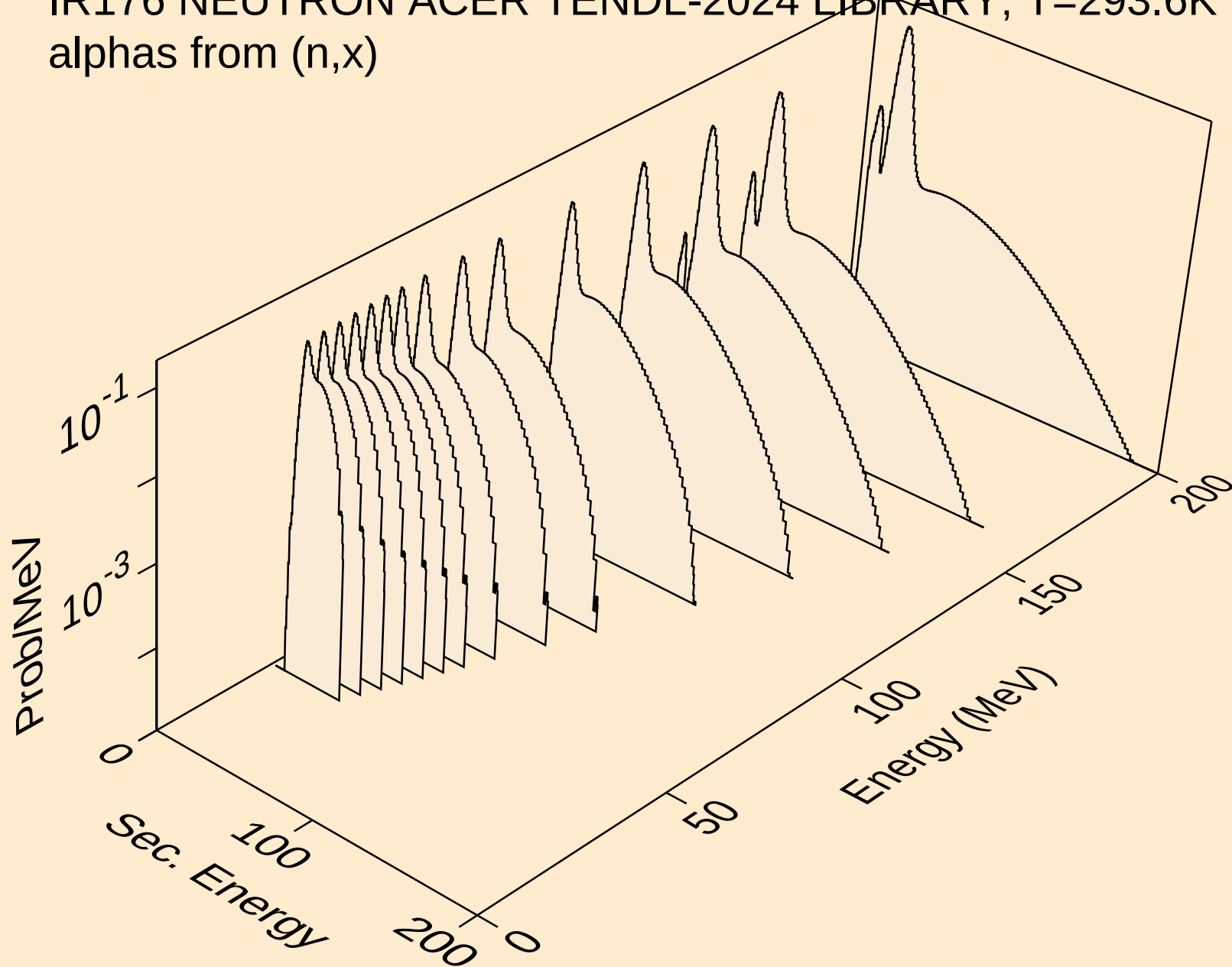
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,n*)he3



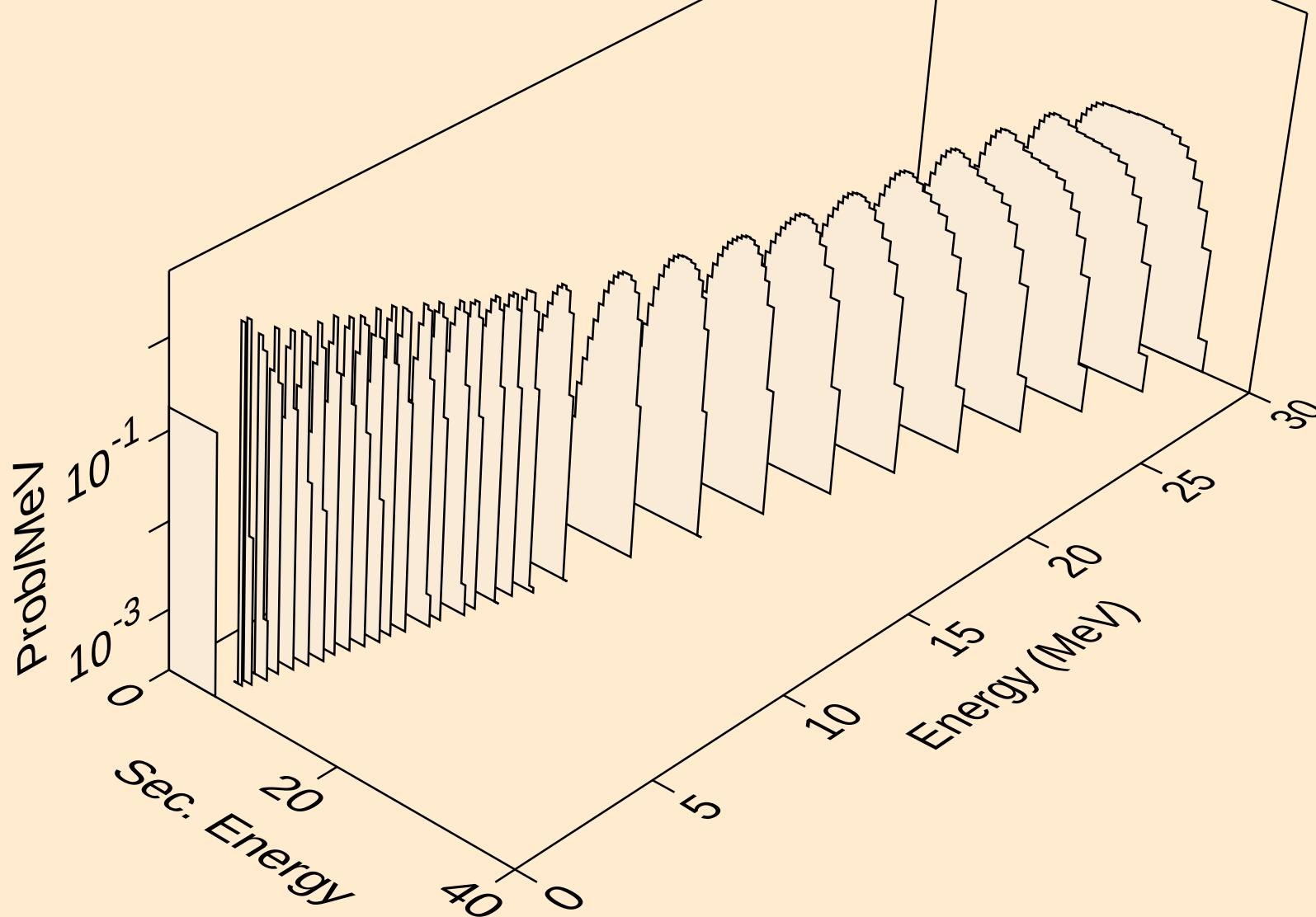
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,he3)



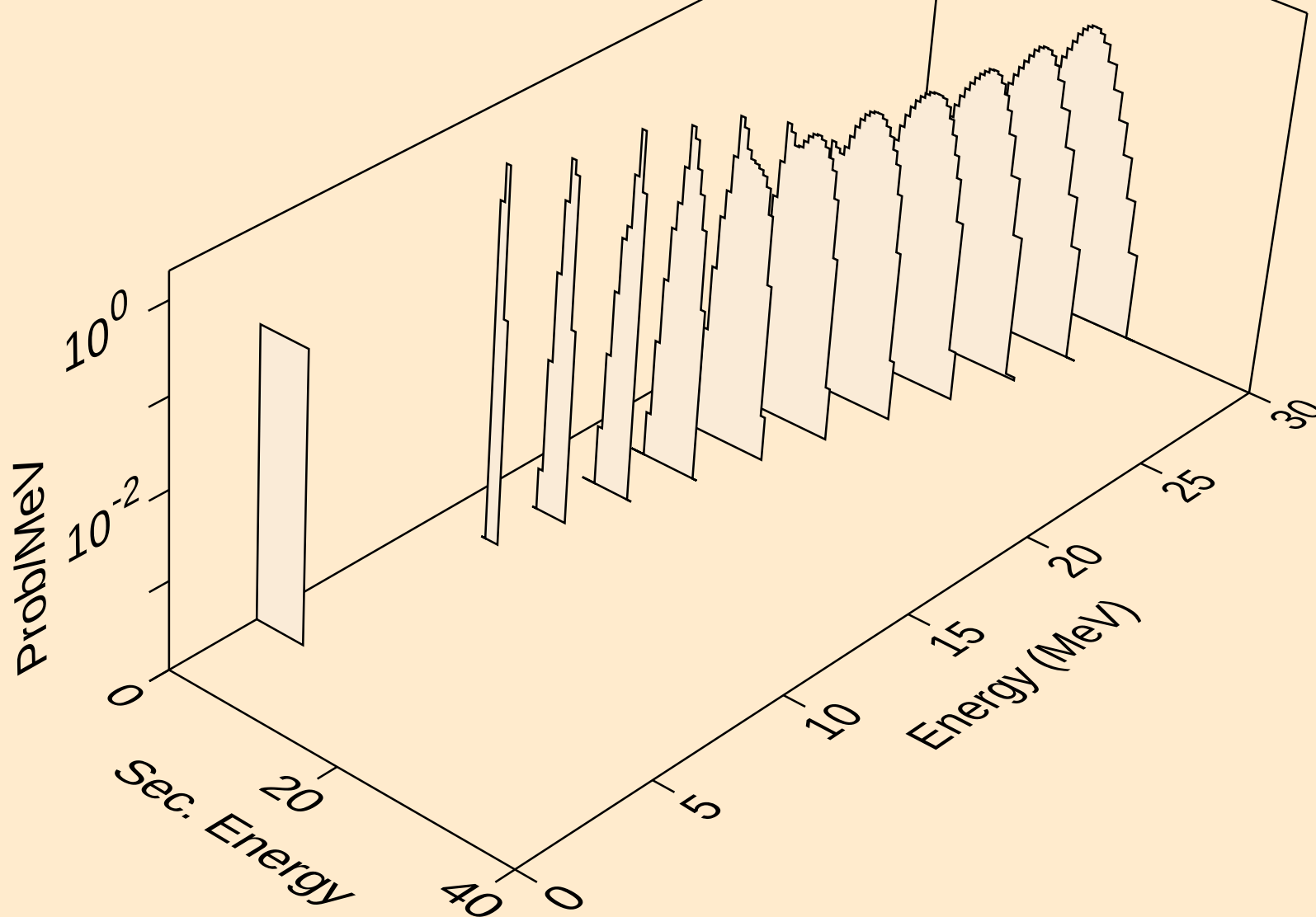
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,x)



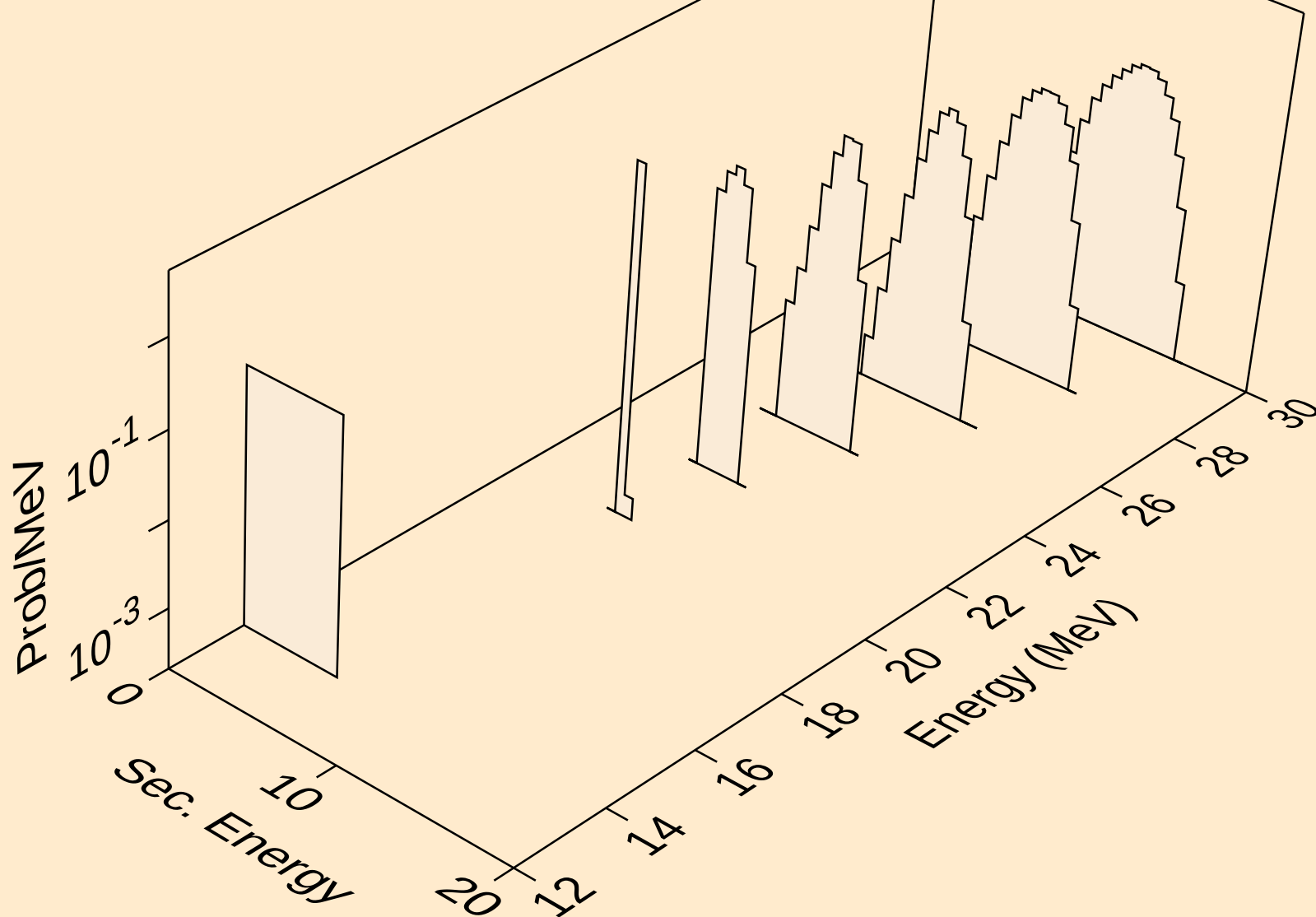
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)a



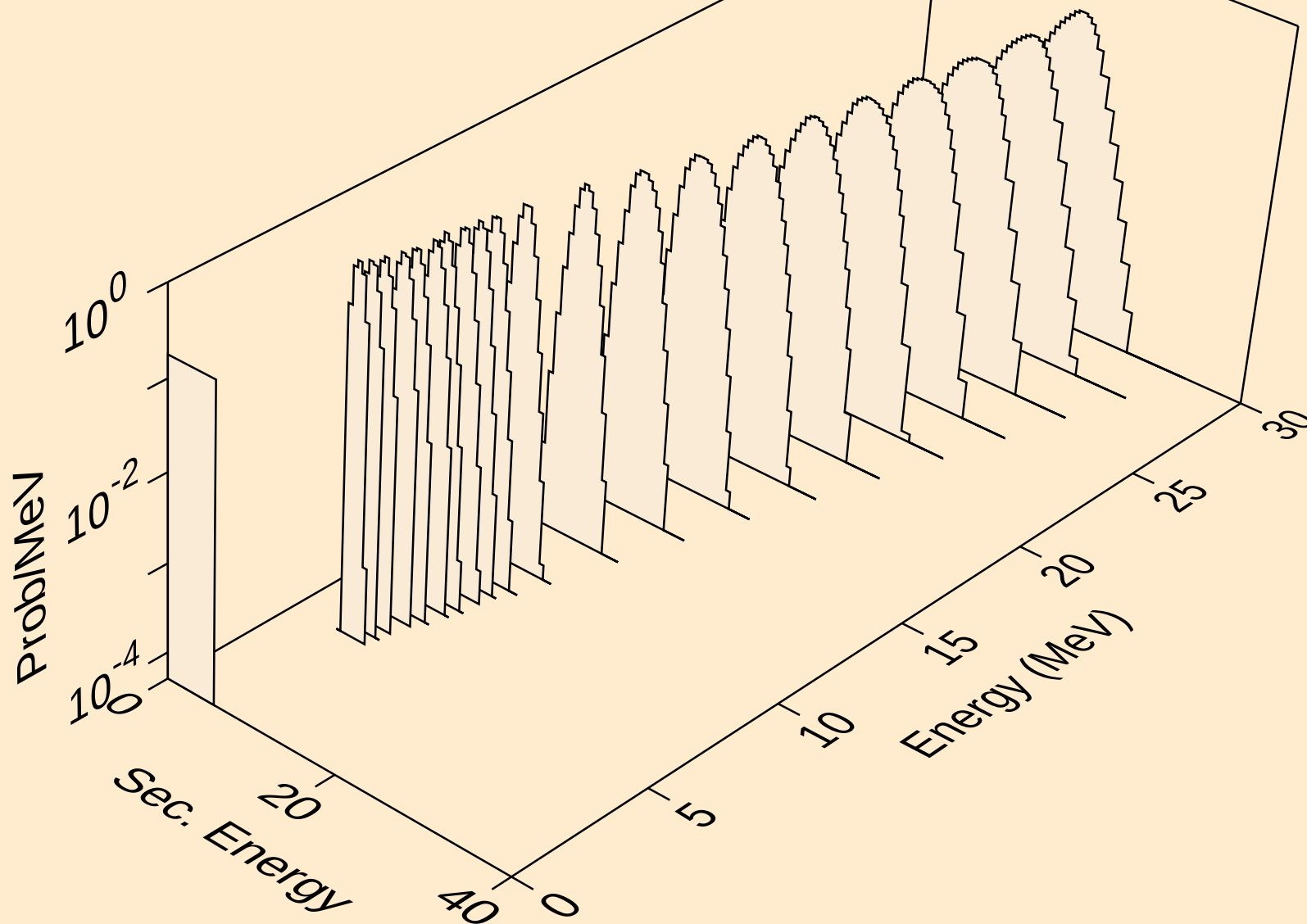
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2n)a



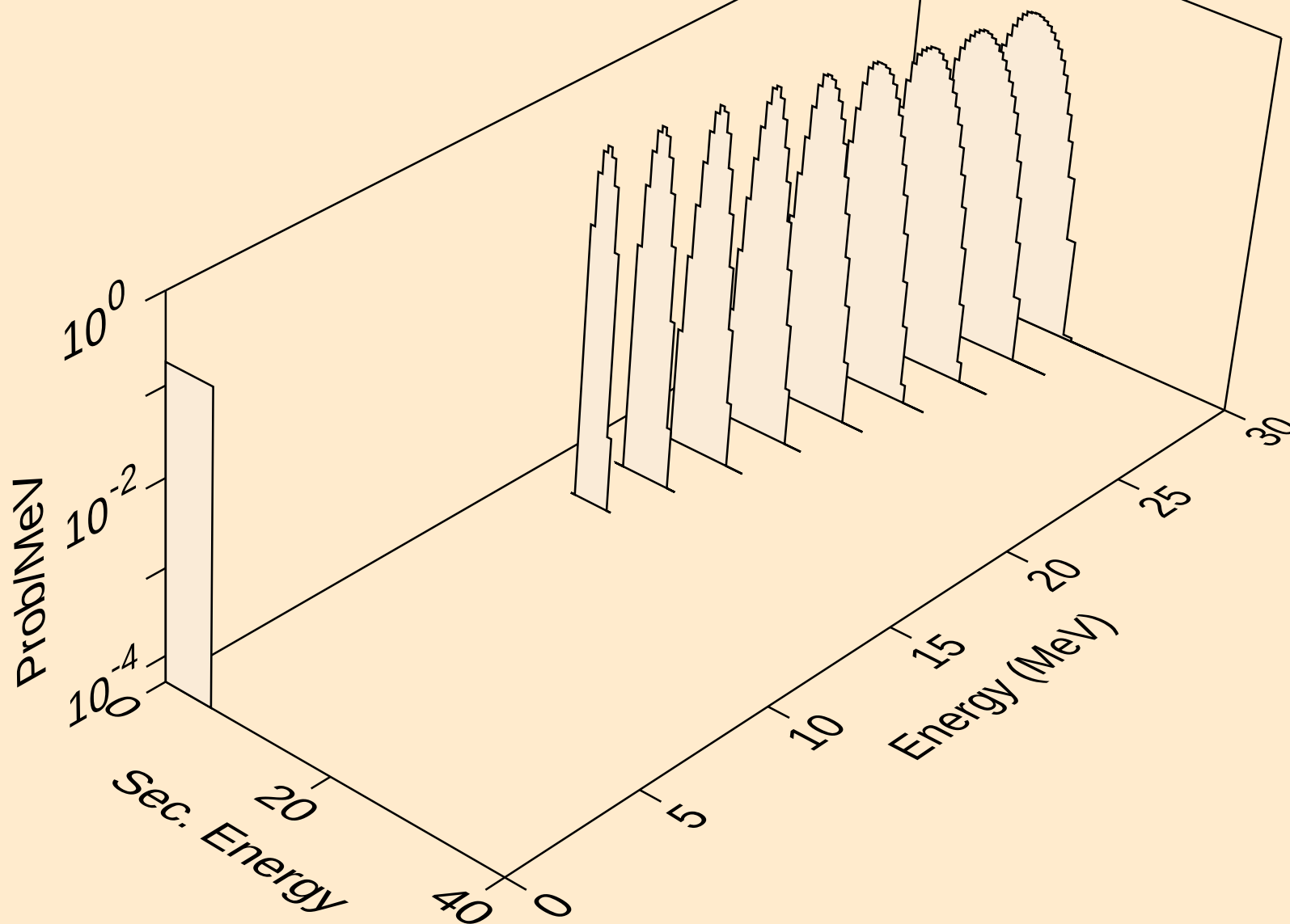
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,3n)a



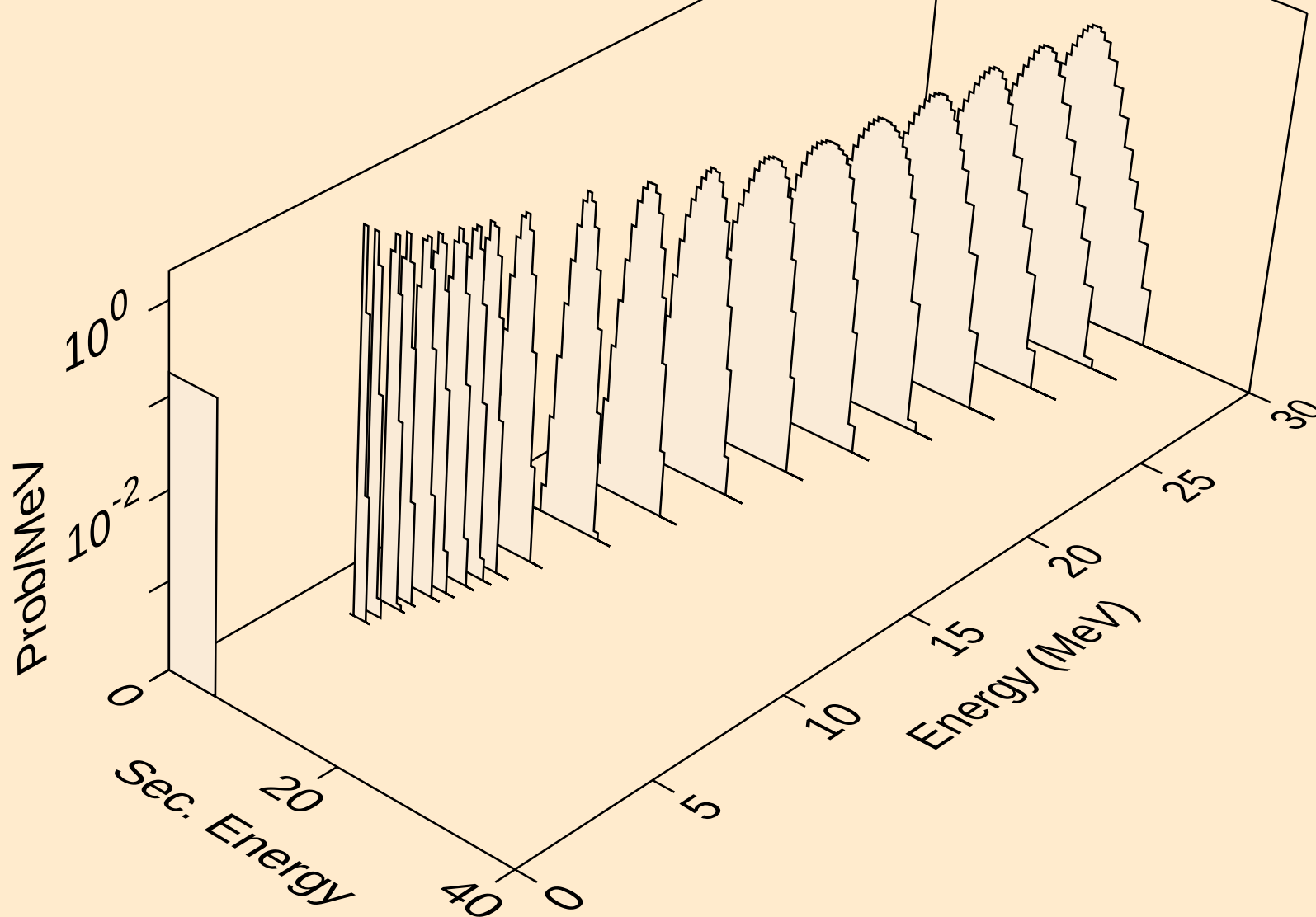
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)2a



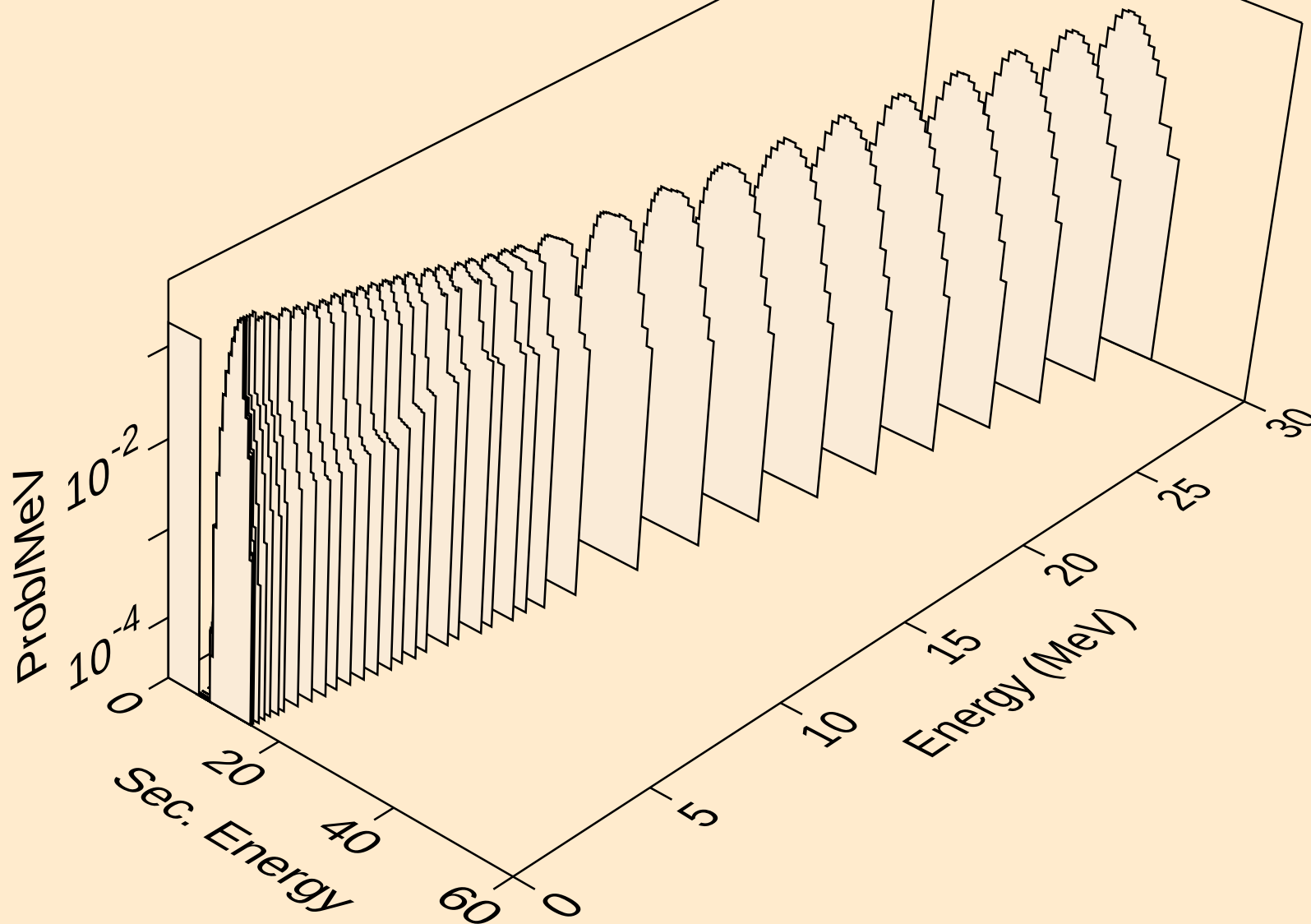
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2n)2a



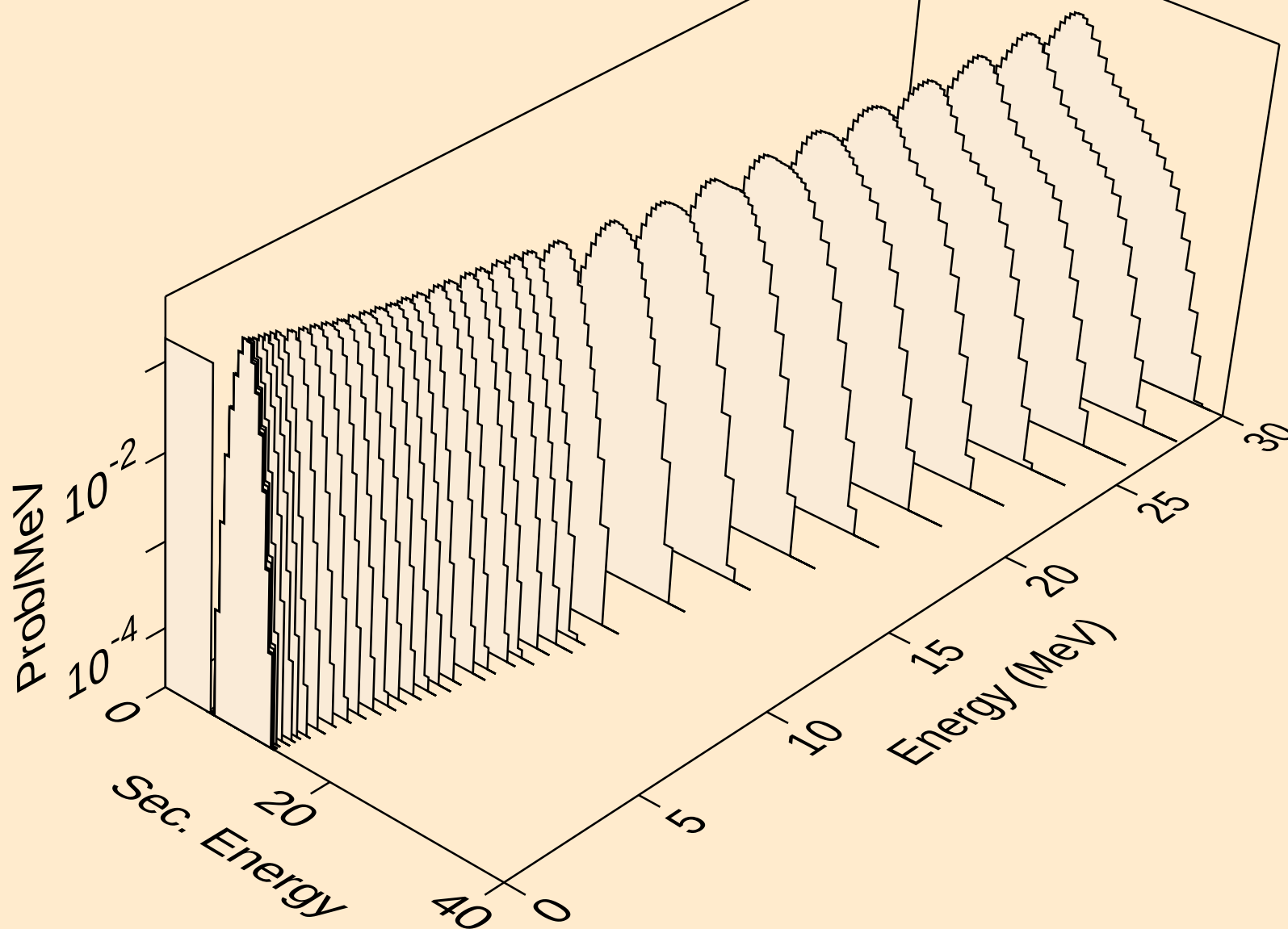
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,npa)



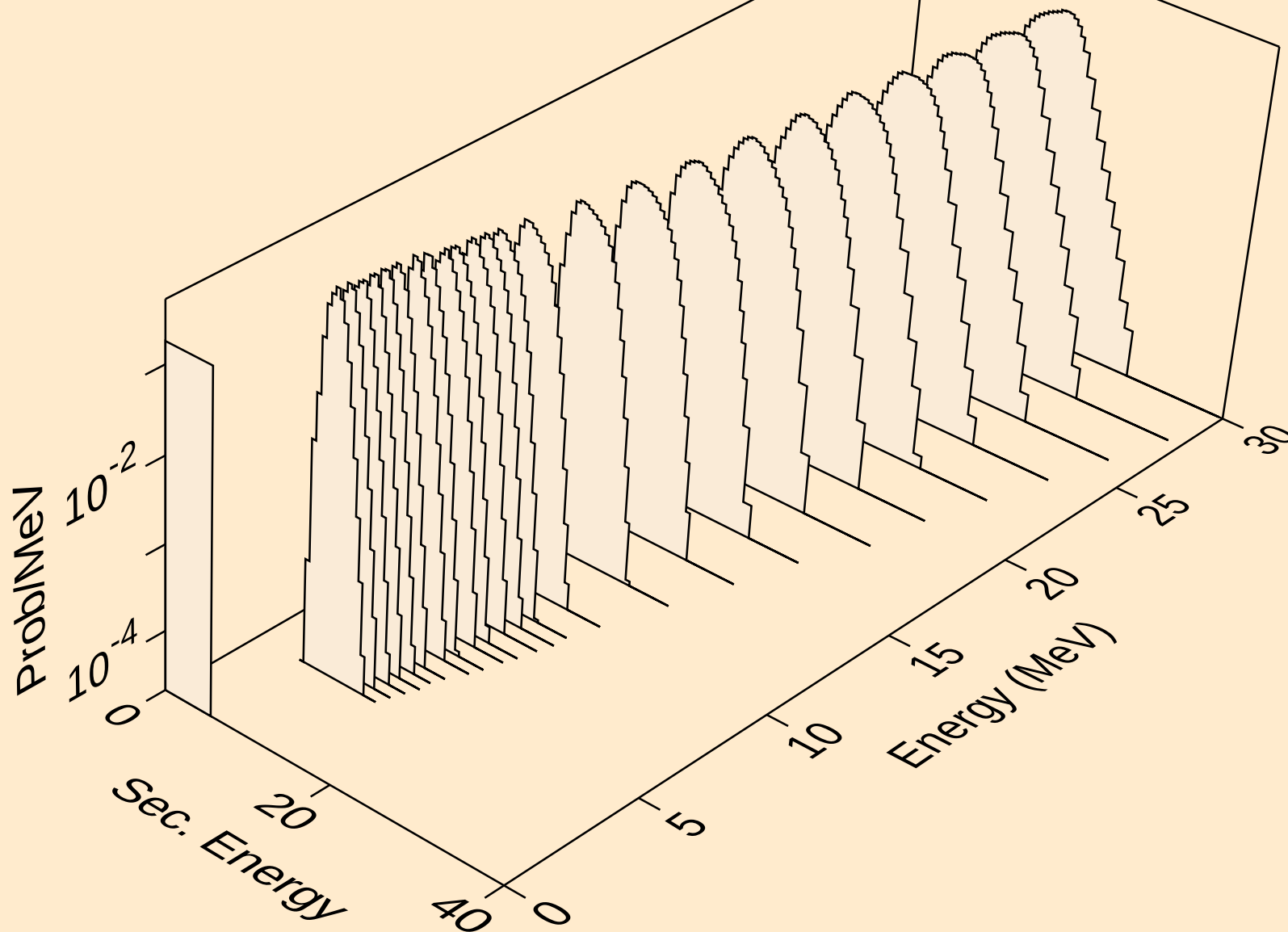
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,a)



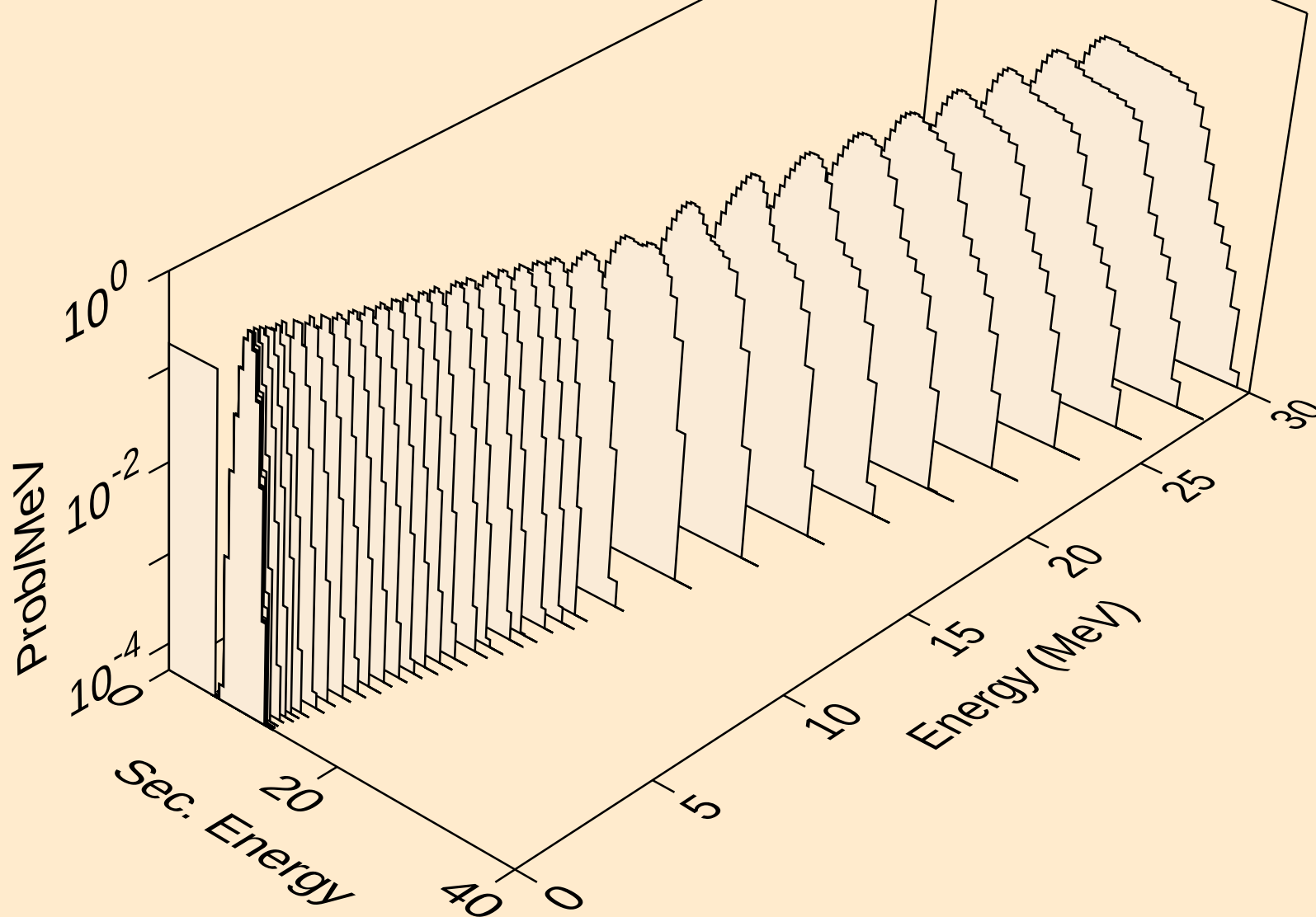
IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2a)



IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,3a)



IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,pa)



IR176 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,da)

