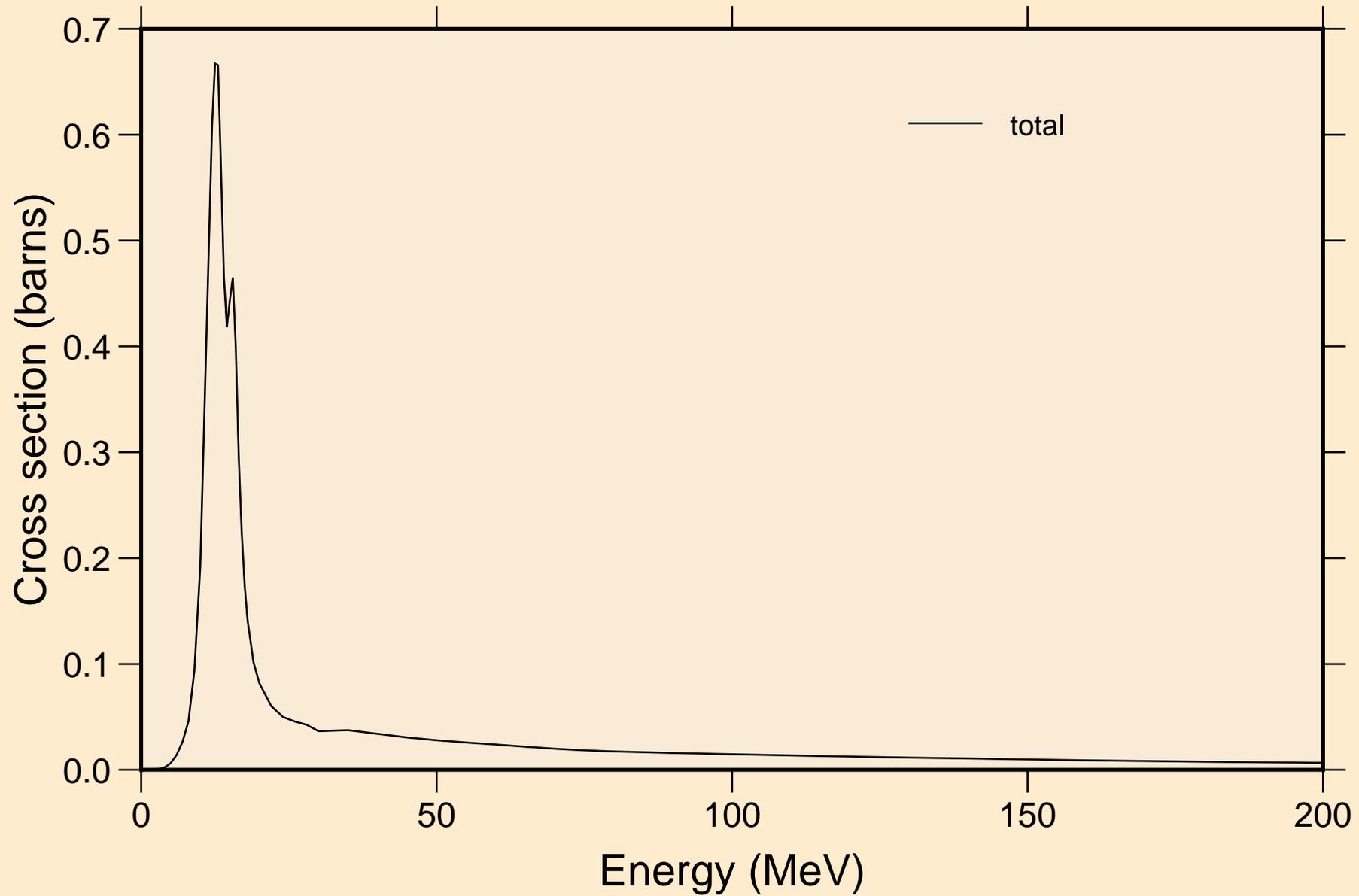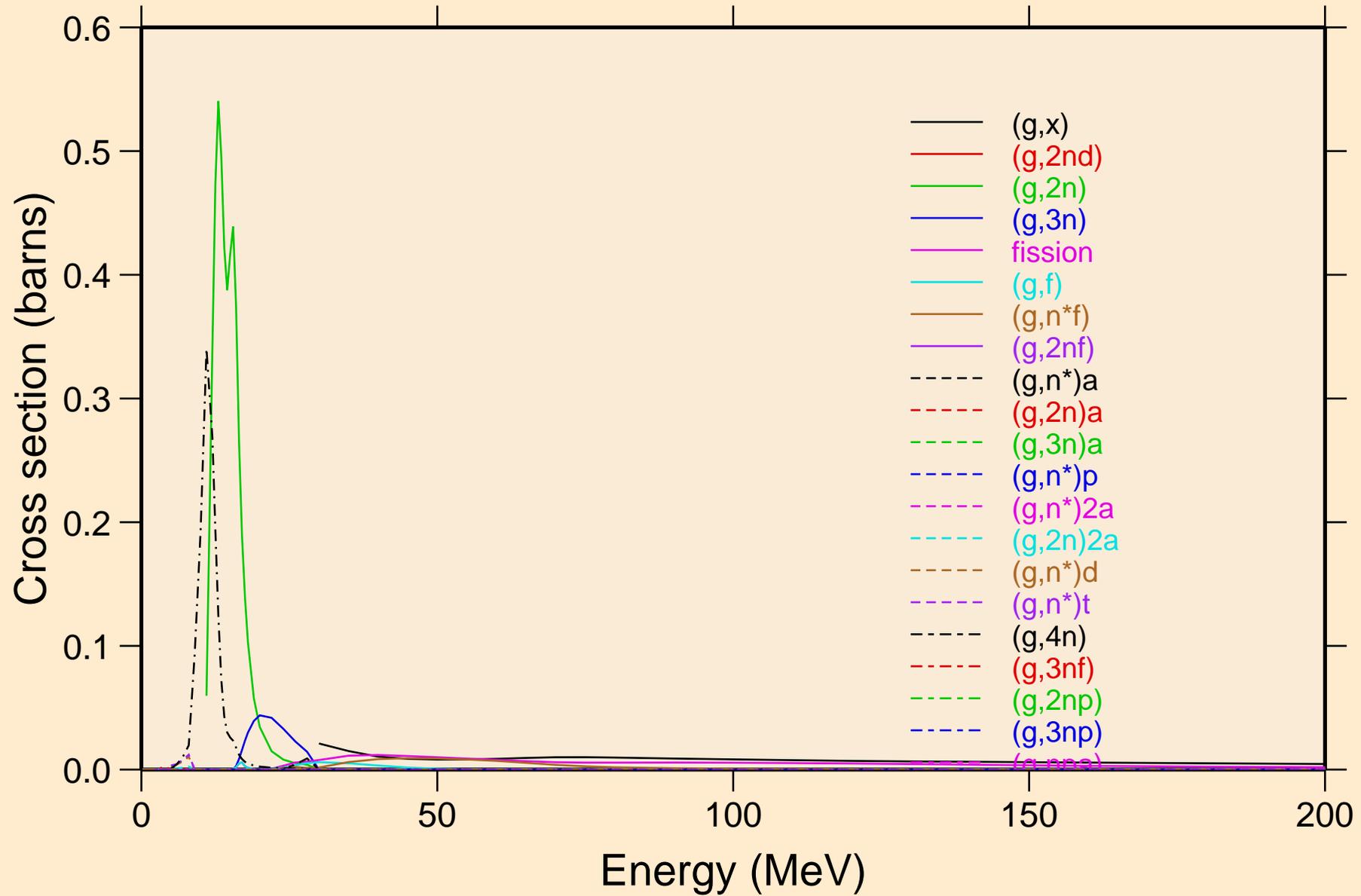RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
Principal cross sections
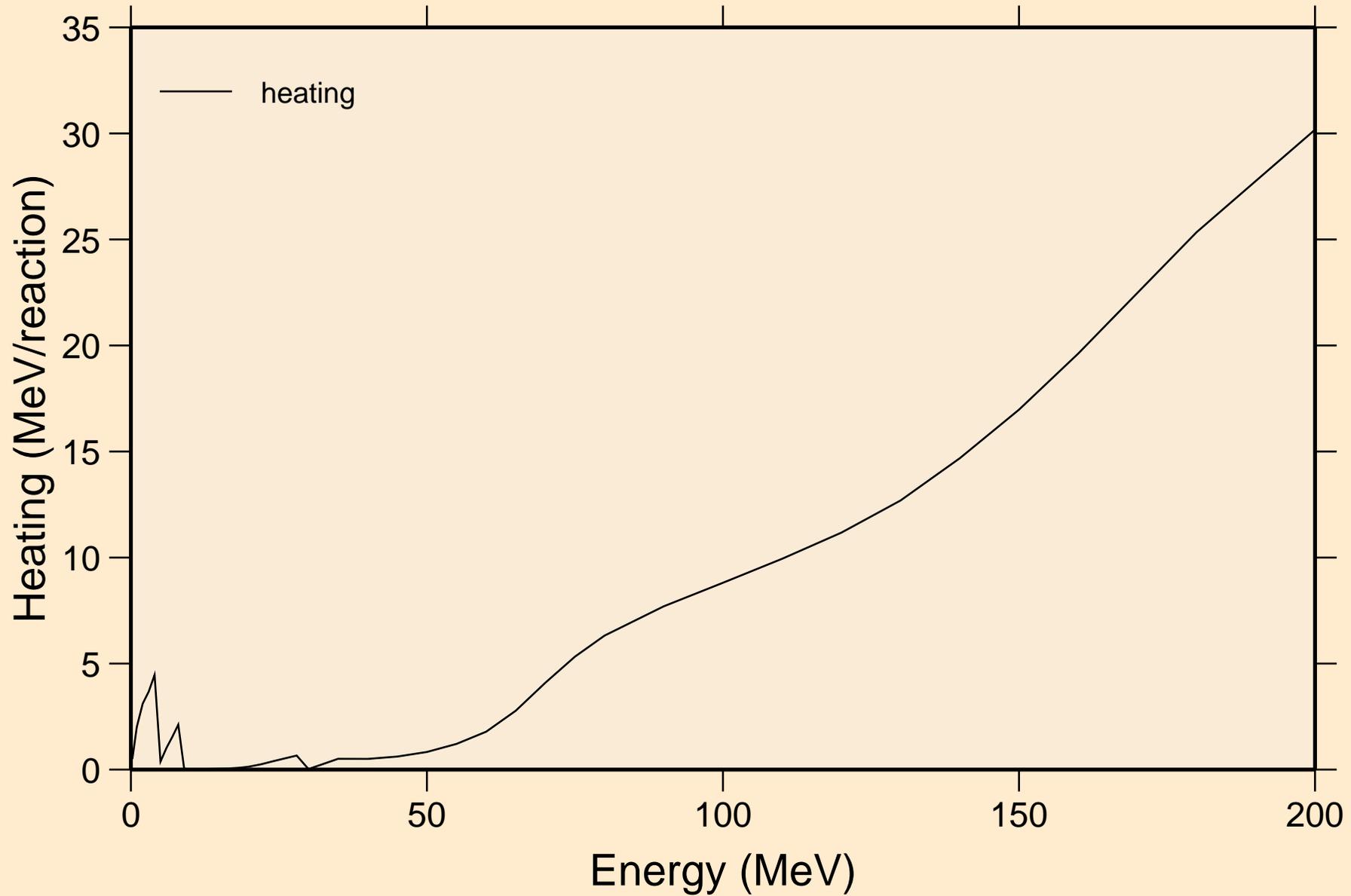
total

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
Partial cross sections

Cross section (barns) vs Energy (MeV)

Legend:
- (g,x)
- (g,2nd)
- (g,2n)
- (g,3n)
- fission
- (g,f)
- (g,n*f)
- (g,2nf)
- (g,n*)a
- (g,2n)a
- (g,3n)a
- (g,n*)p
- (g,n*)2a
- (g,2n)2a
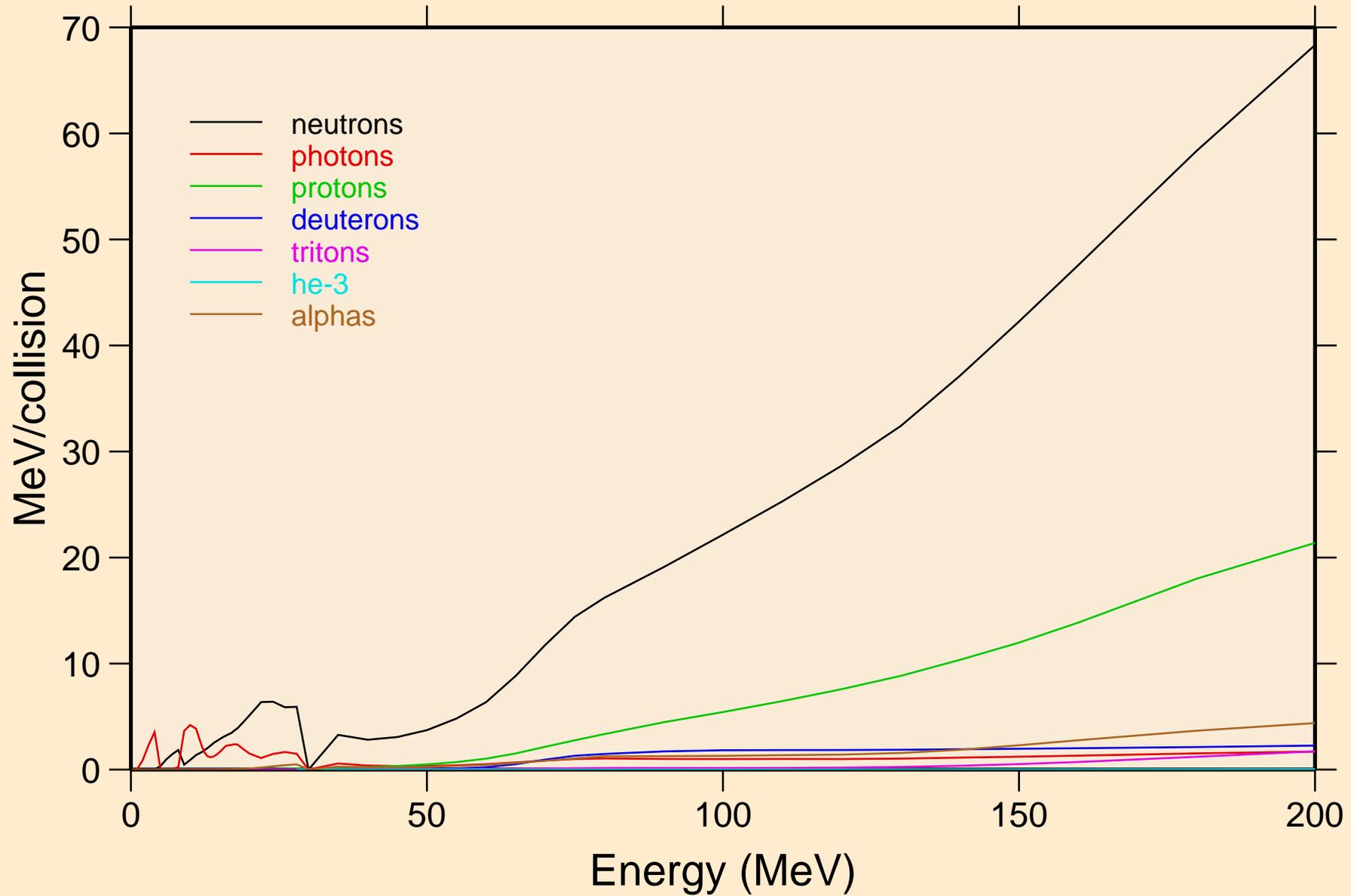- (g,n*)d
- (g,n*)t
- (g,4n)
- (g,3nf)
- (g,2np)
- (g,3np)
- (g,npa)

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
Heating
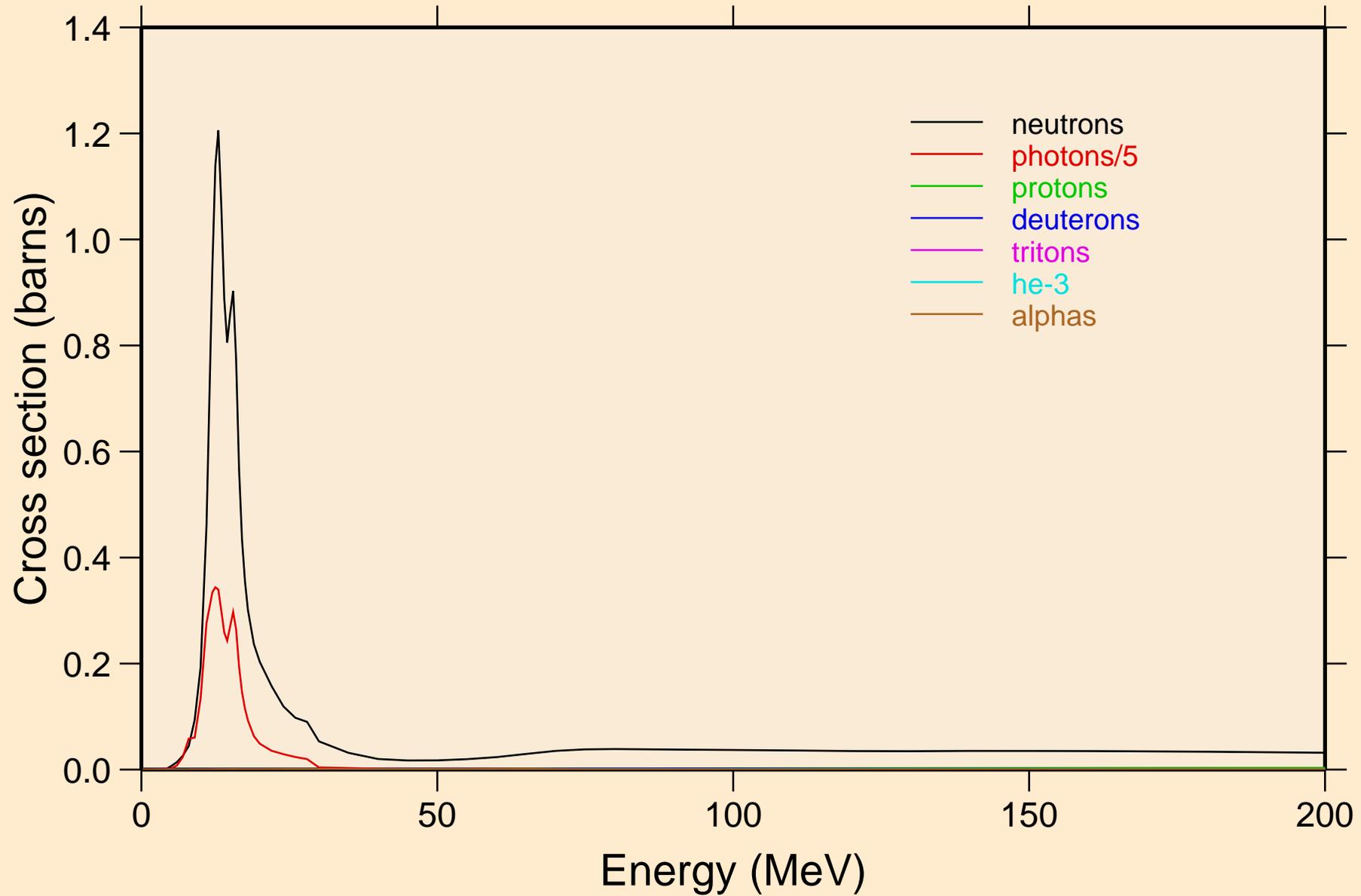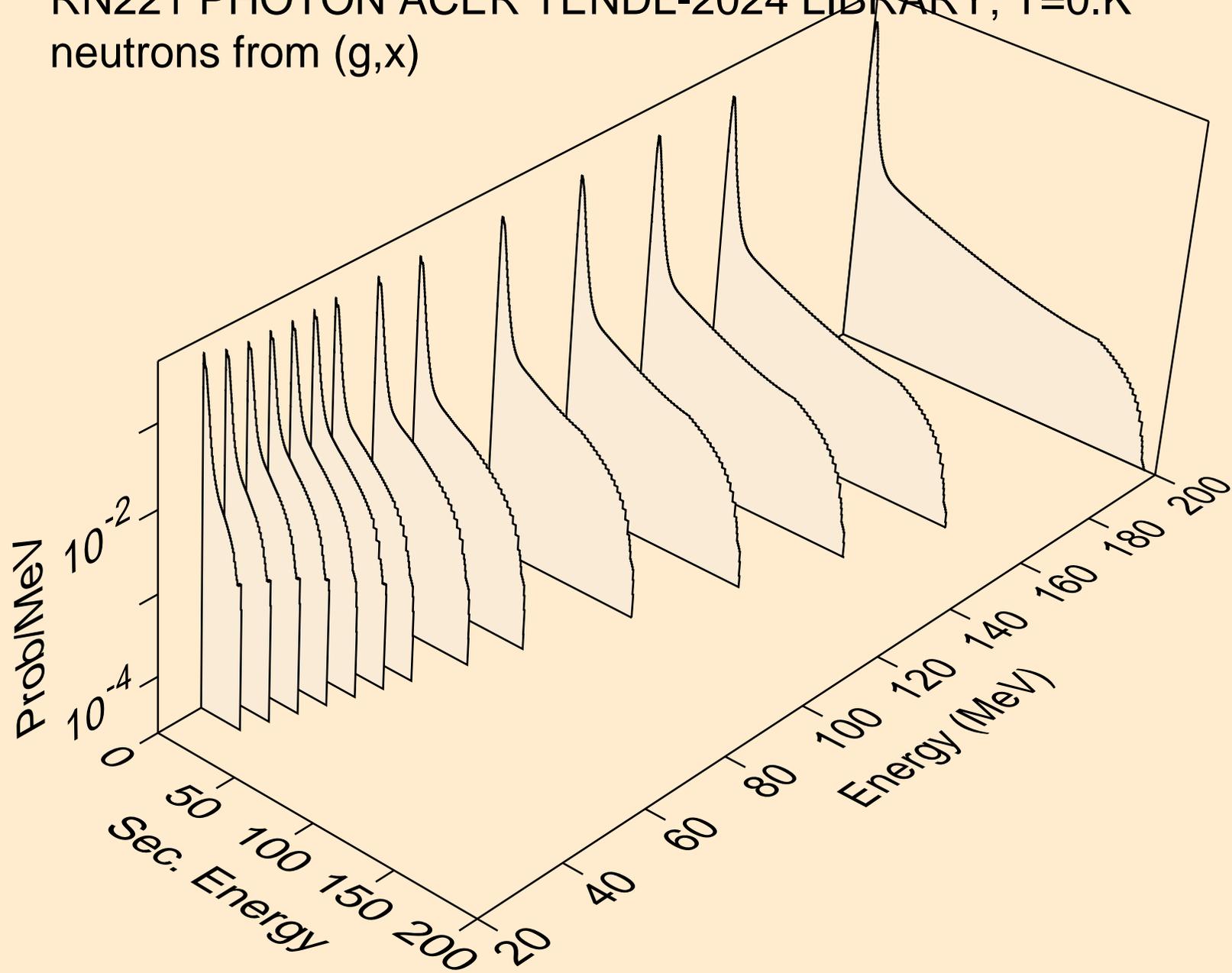
RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
Particle heating contributions

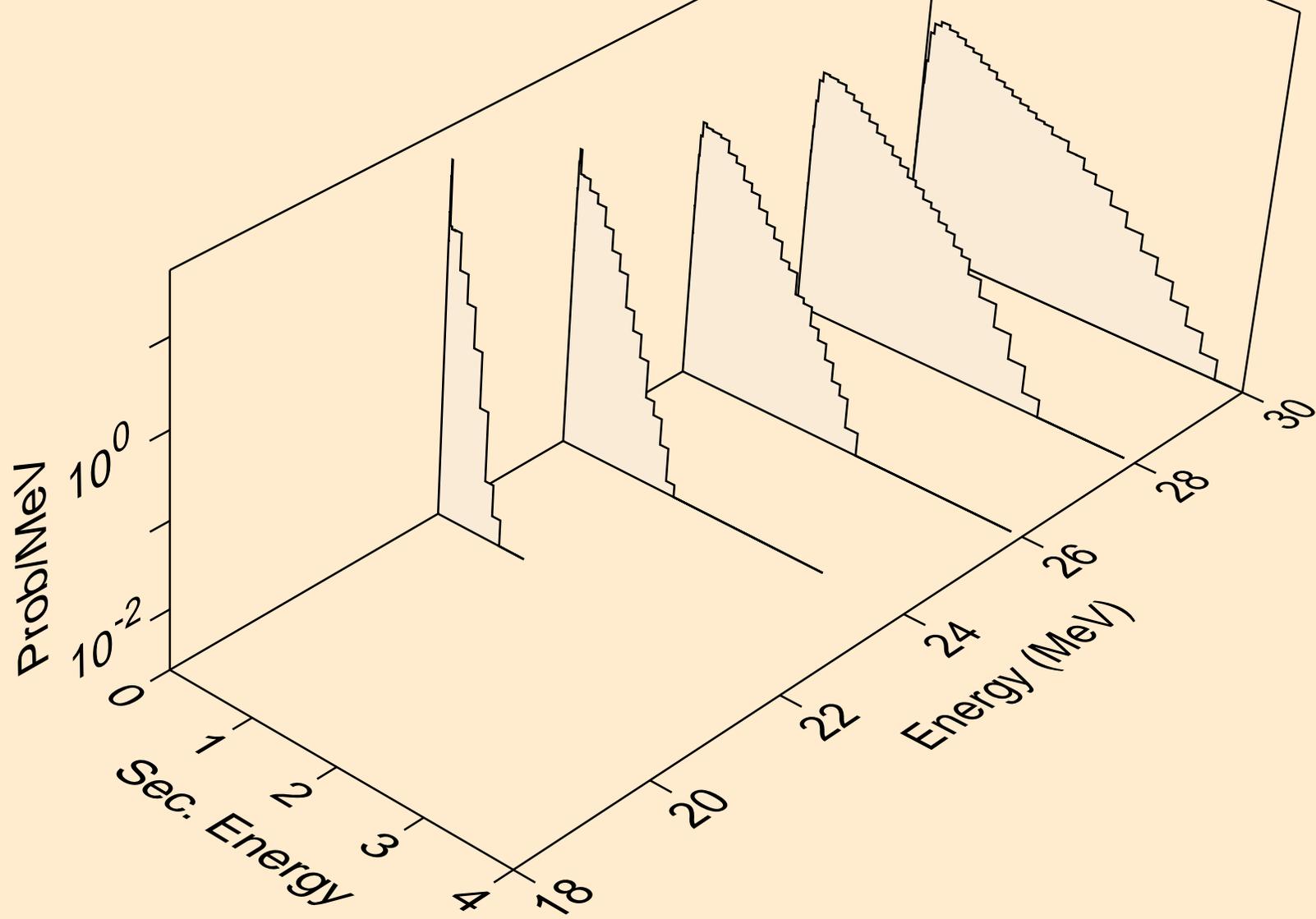RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
Particle production cross sections

Legend:
- neutrons
- photons/5
- protons
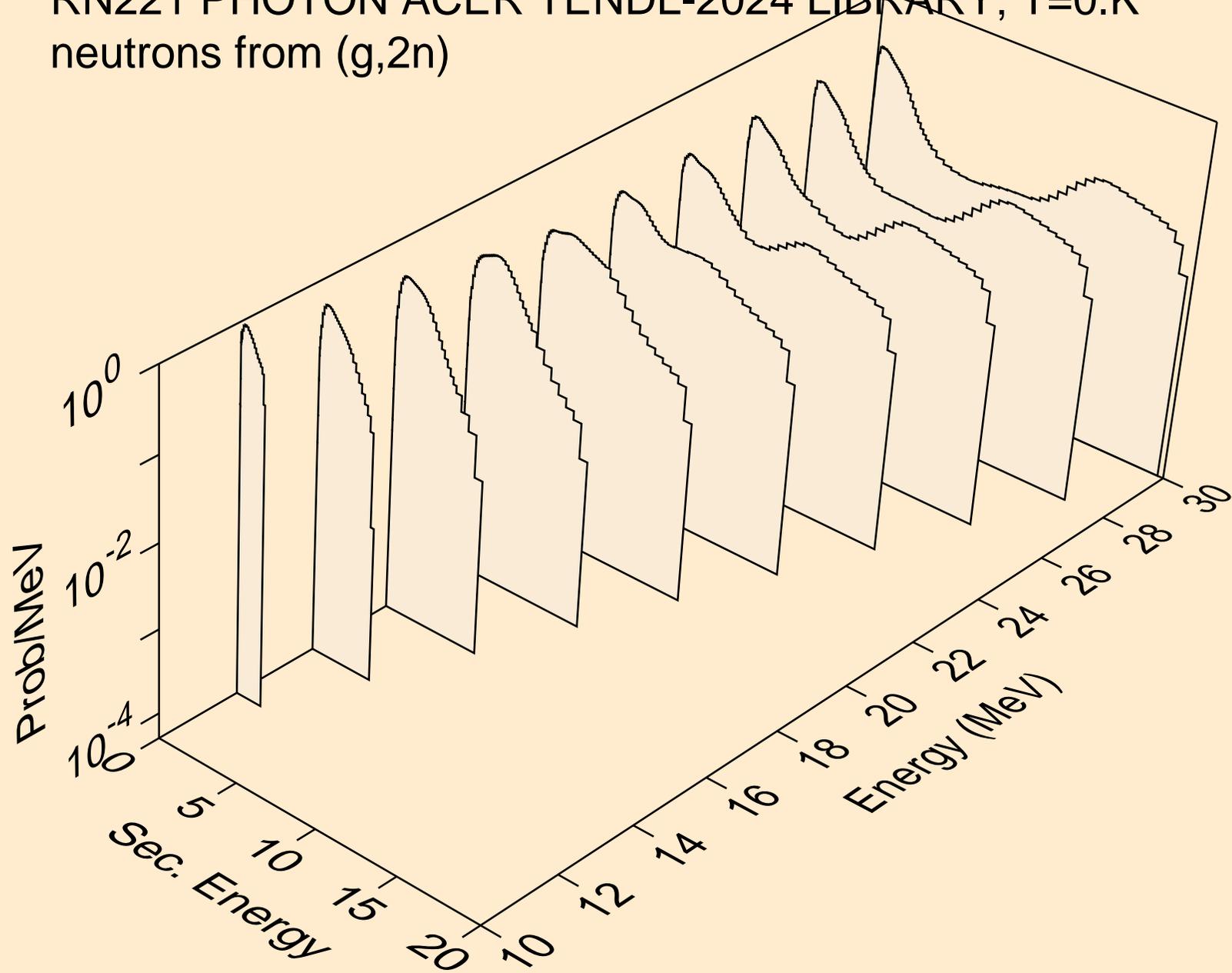- deuterons
- tritons
- he-3
- alphas

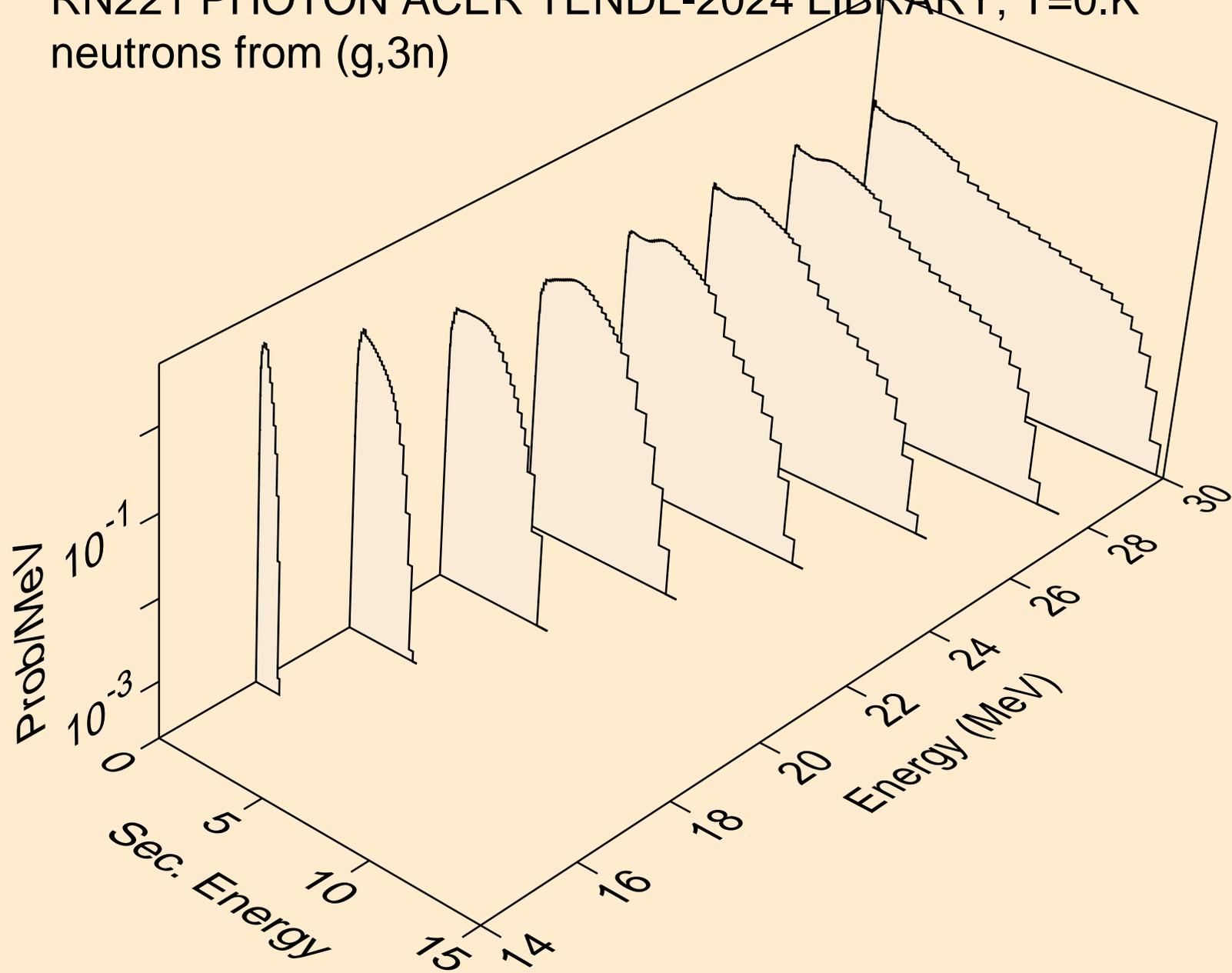RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (g,x)

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
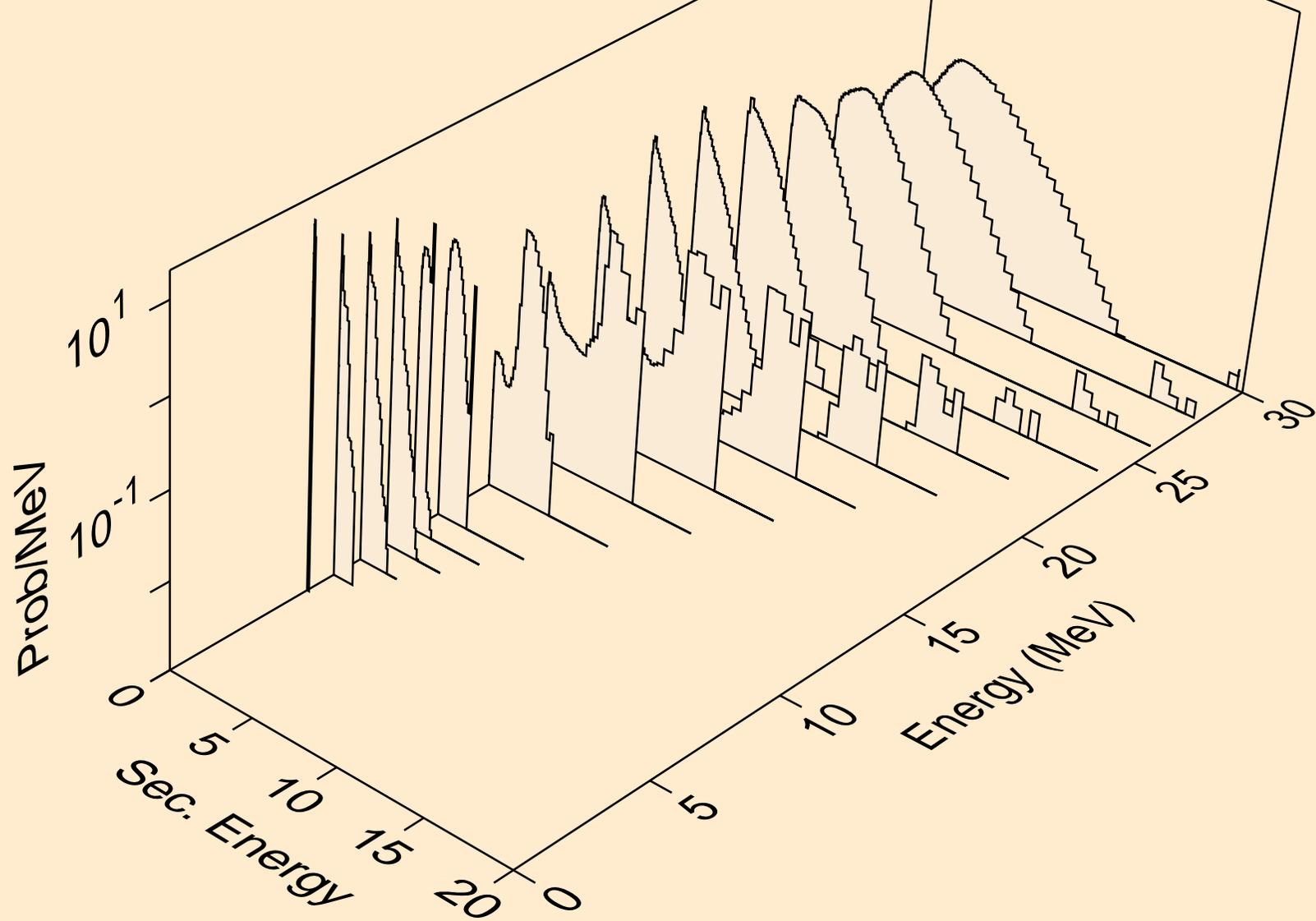neutrons from (g,2nd)

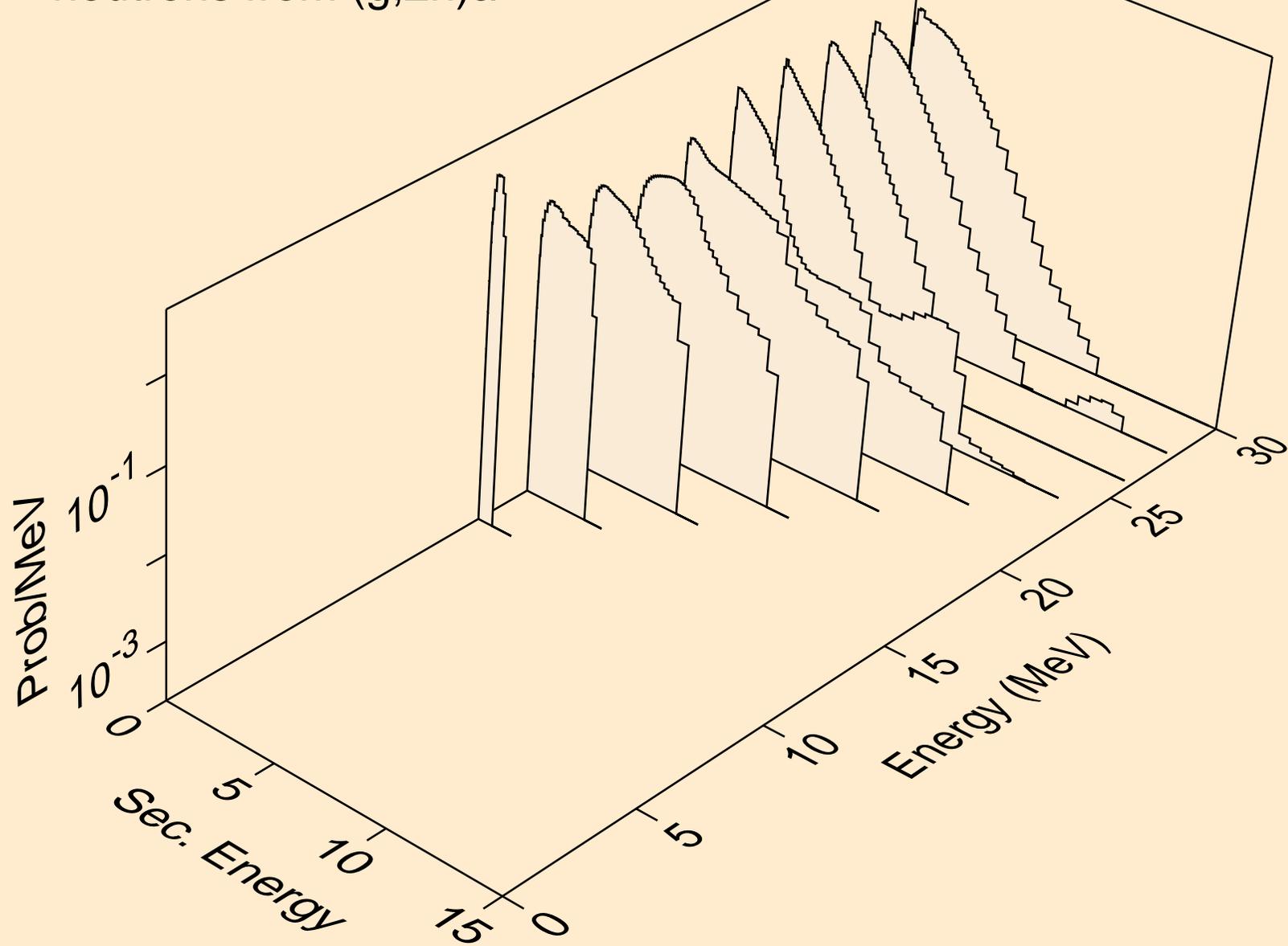RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (g,2n)

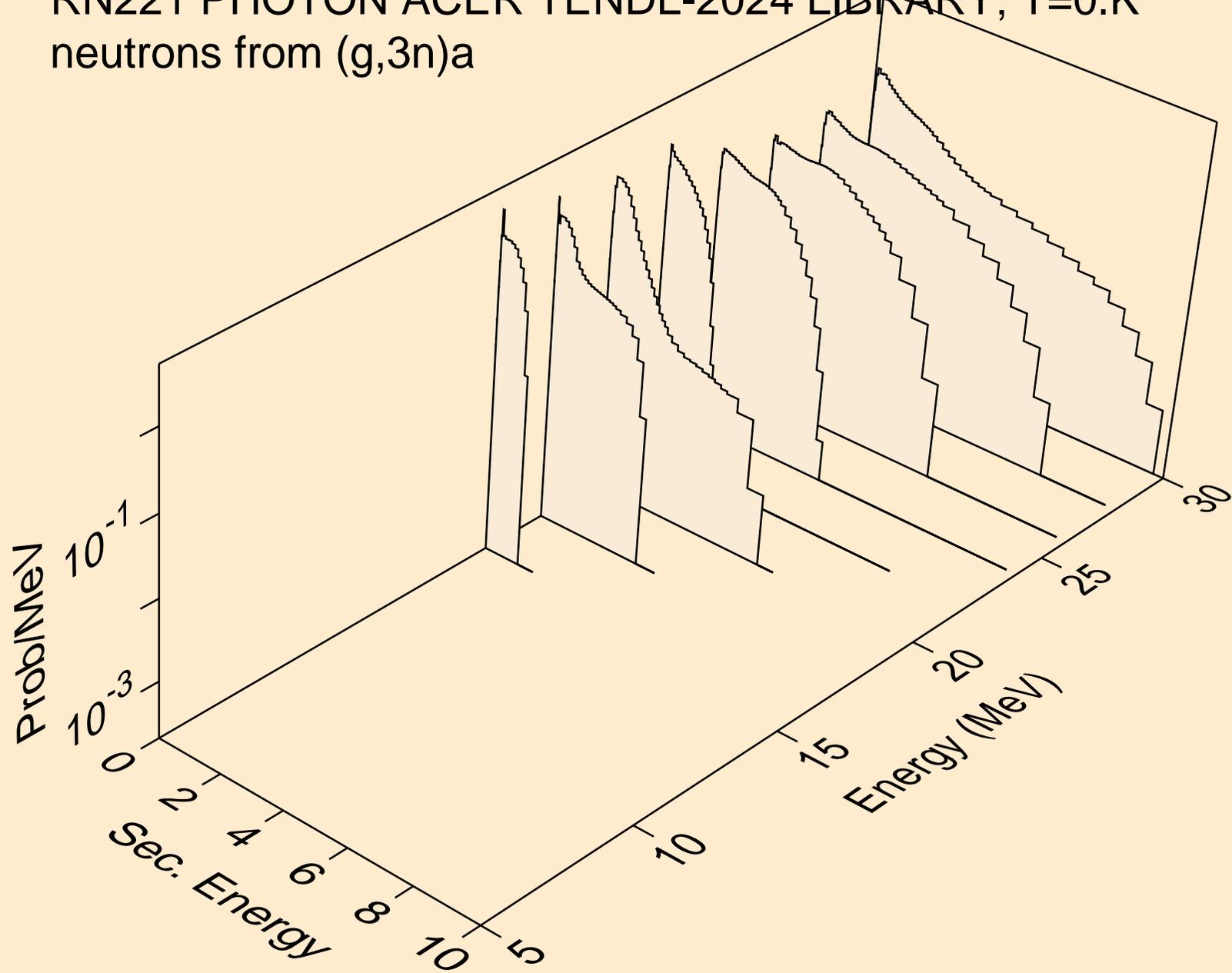RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (g,3n)

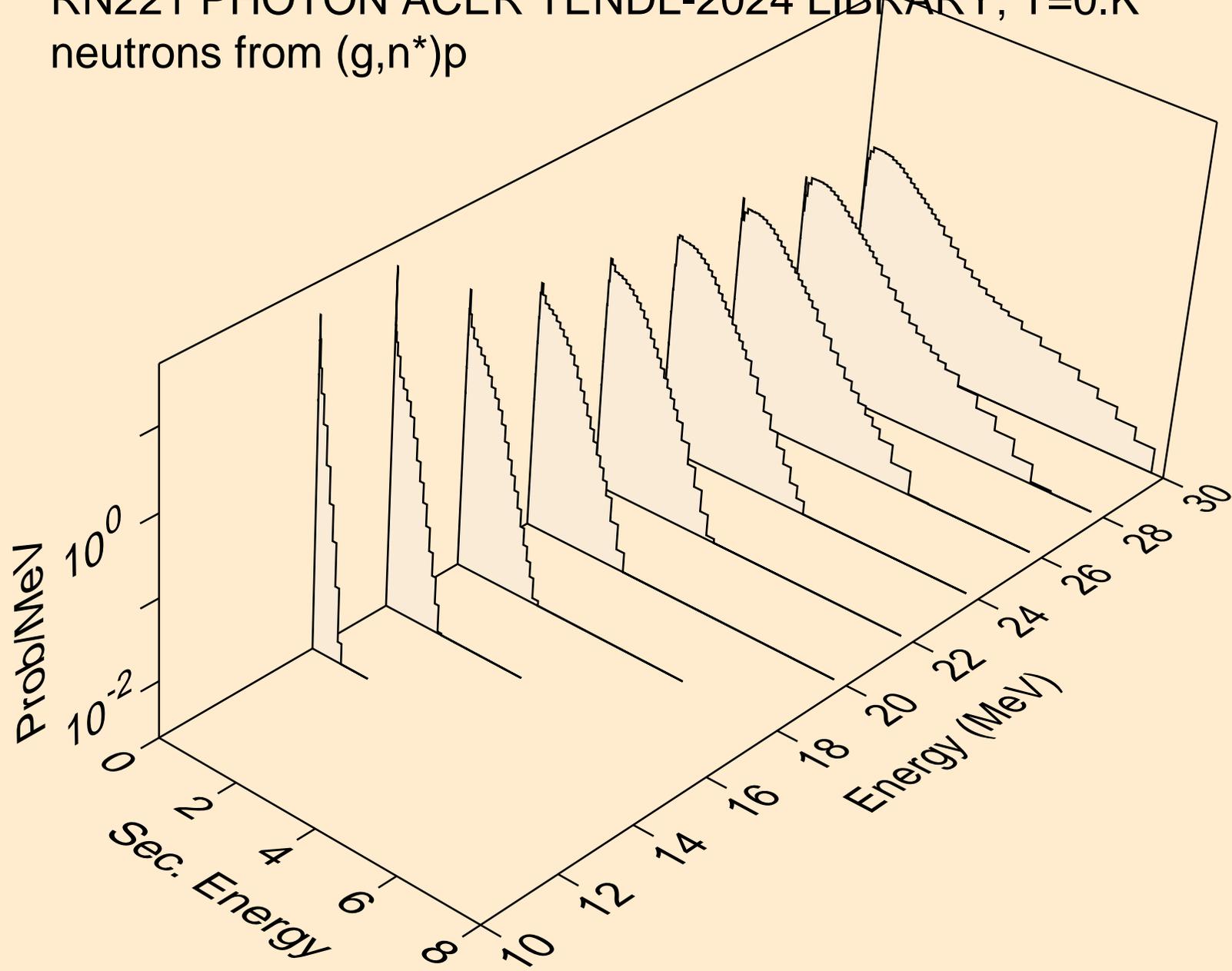RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (g,n*)a

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (g,2n)a

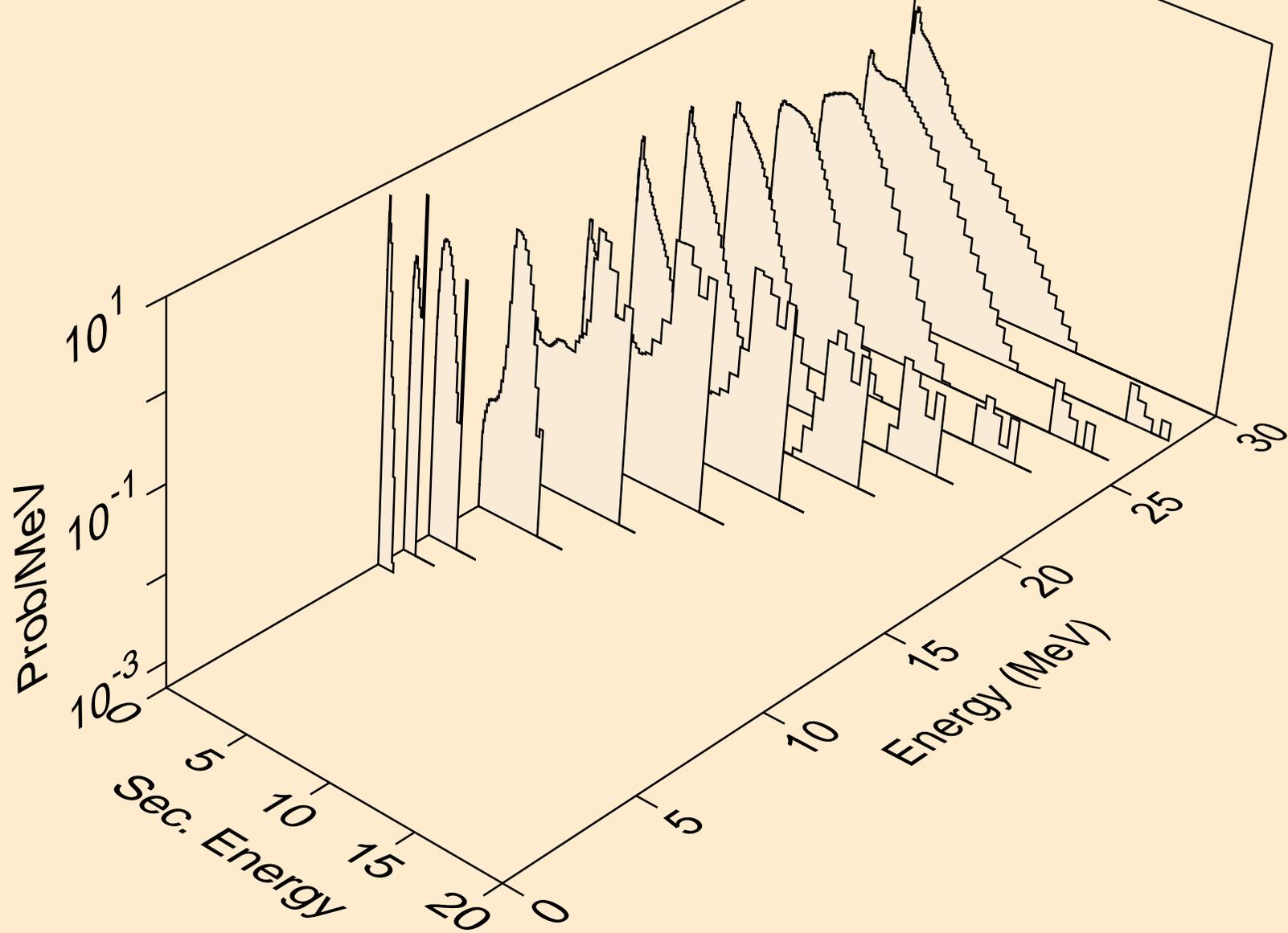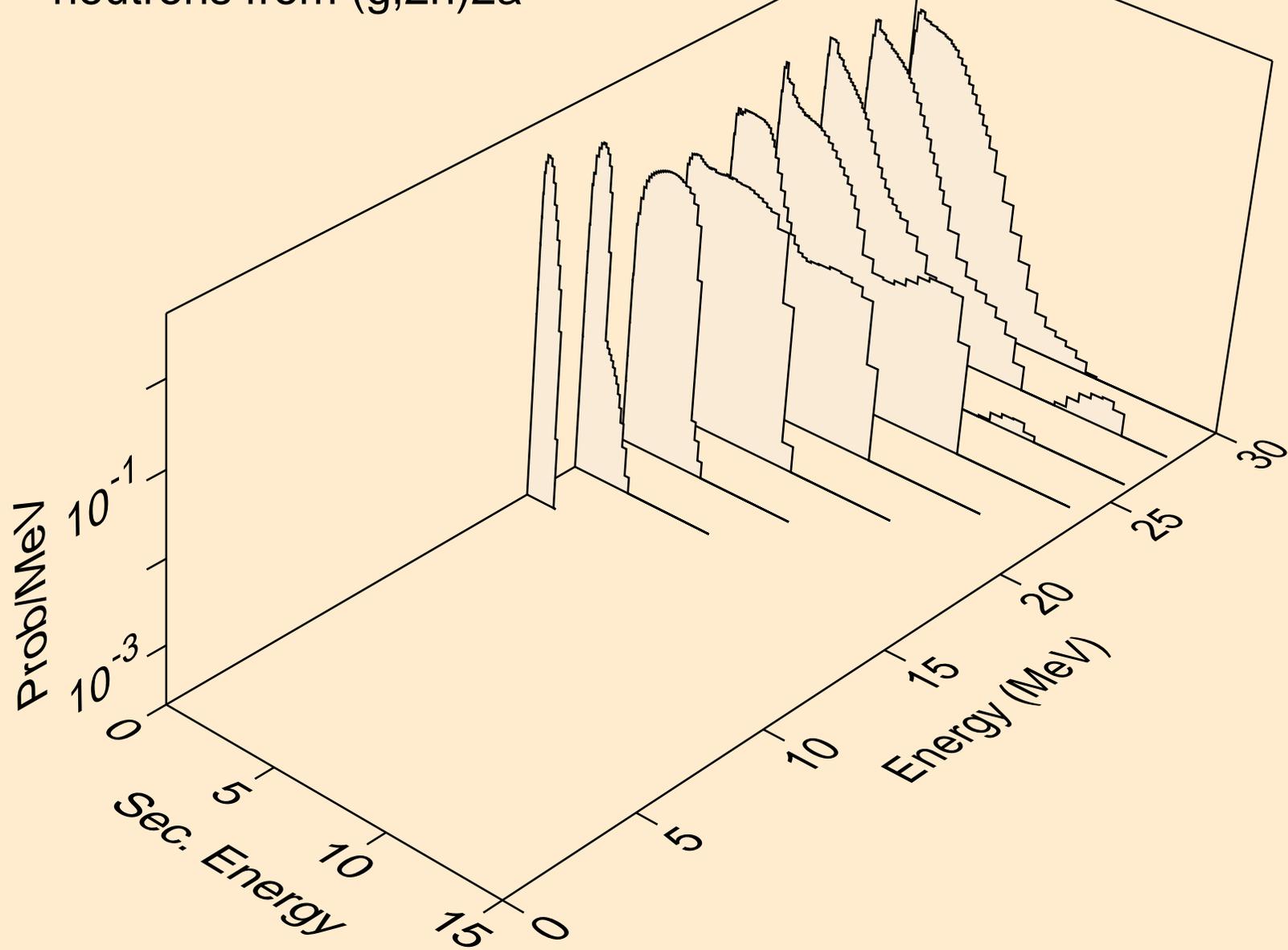RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (g,3n)a

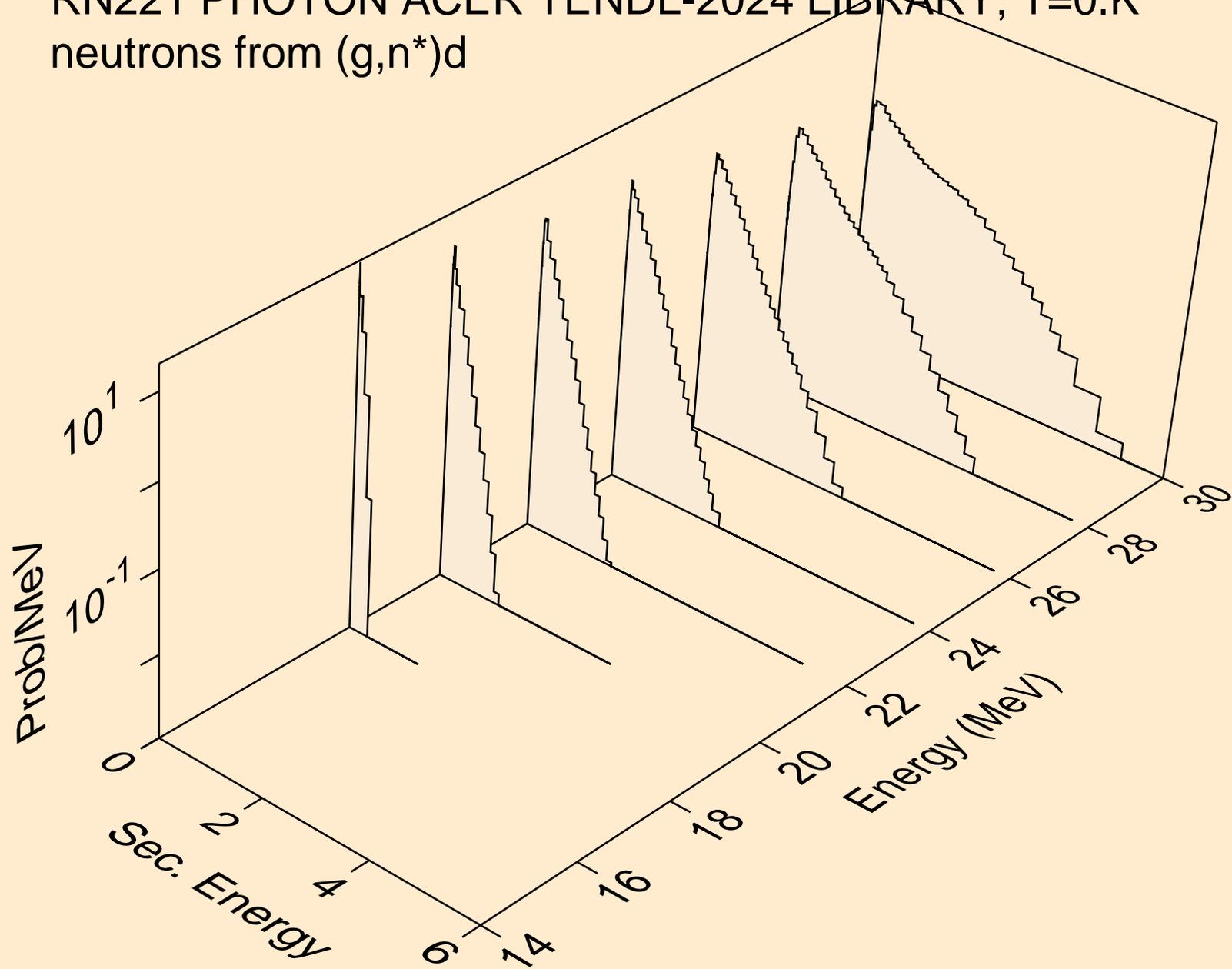RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (g,n*)p

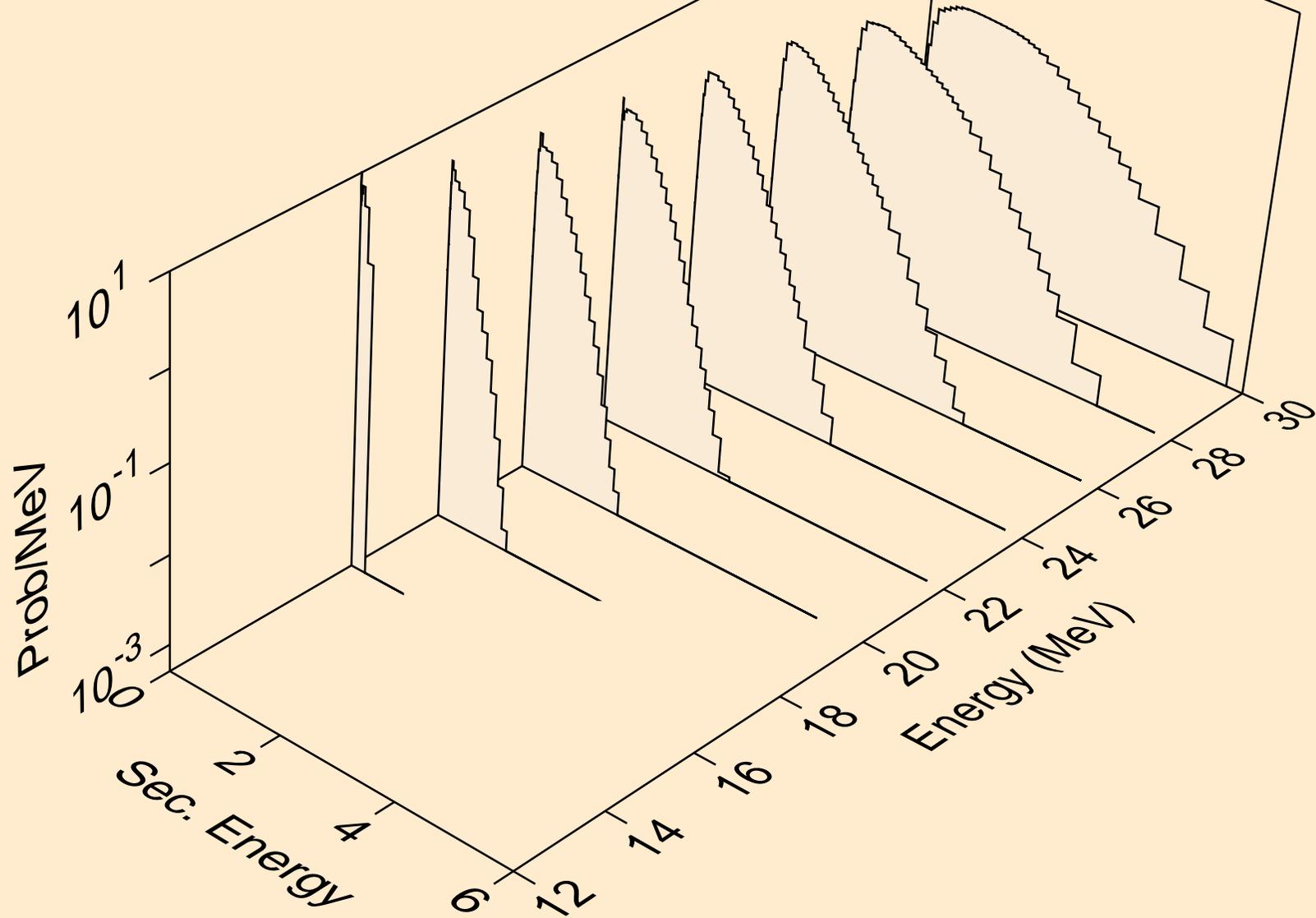RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (g,n*)2a

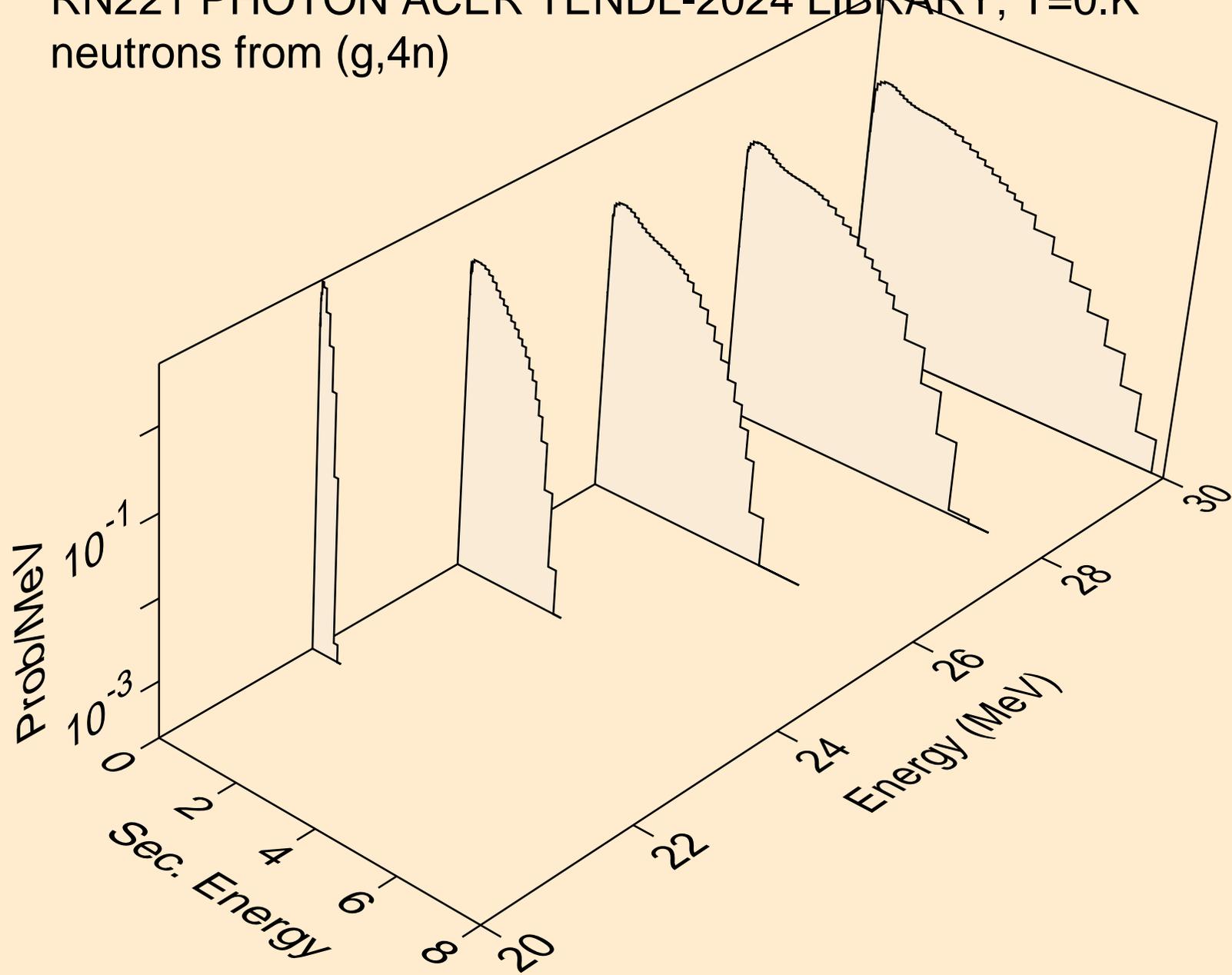RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (g,2n)2a

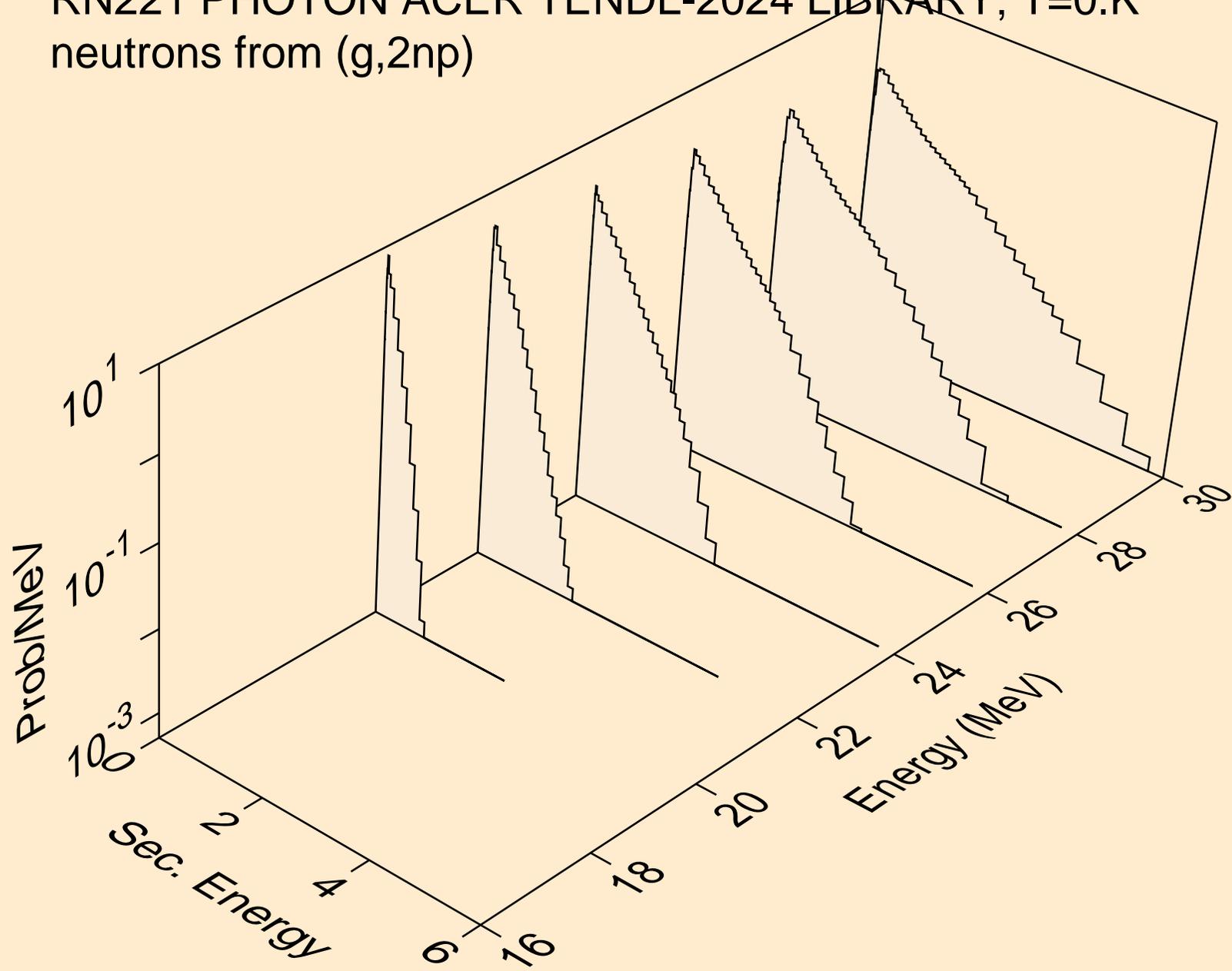RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (g,n*)d

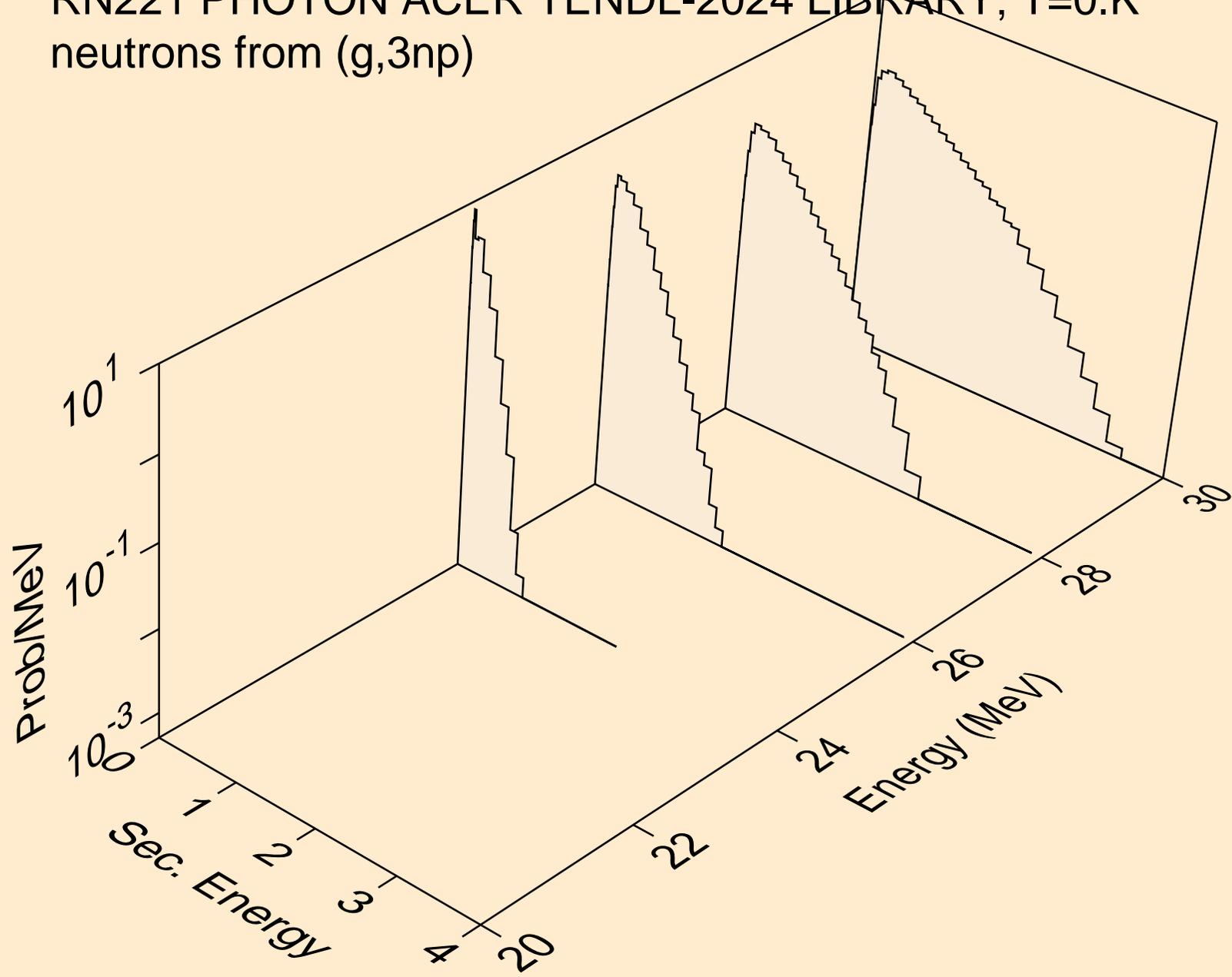RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (g,n*)t

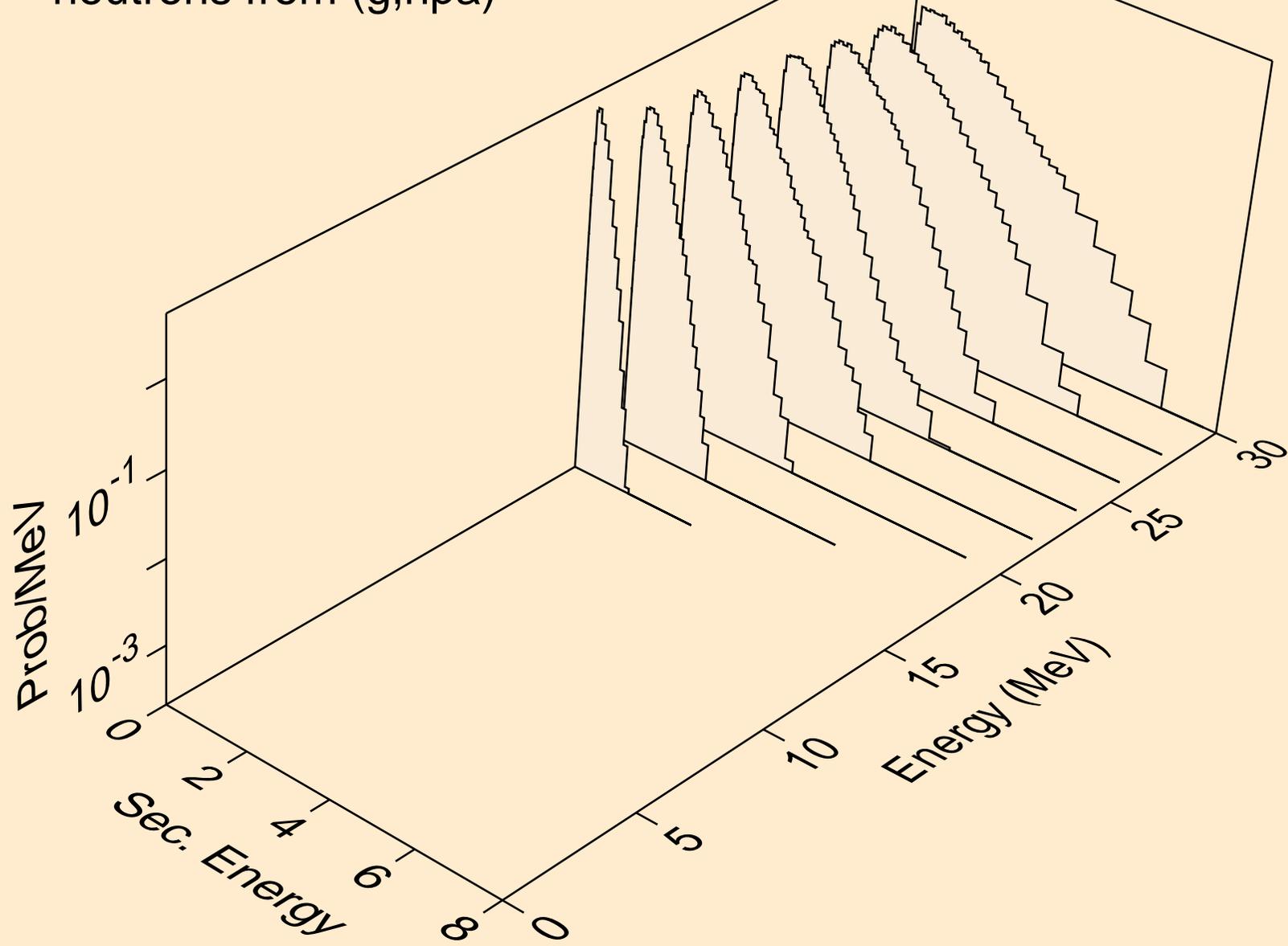RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (g,4n)

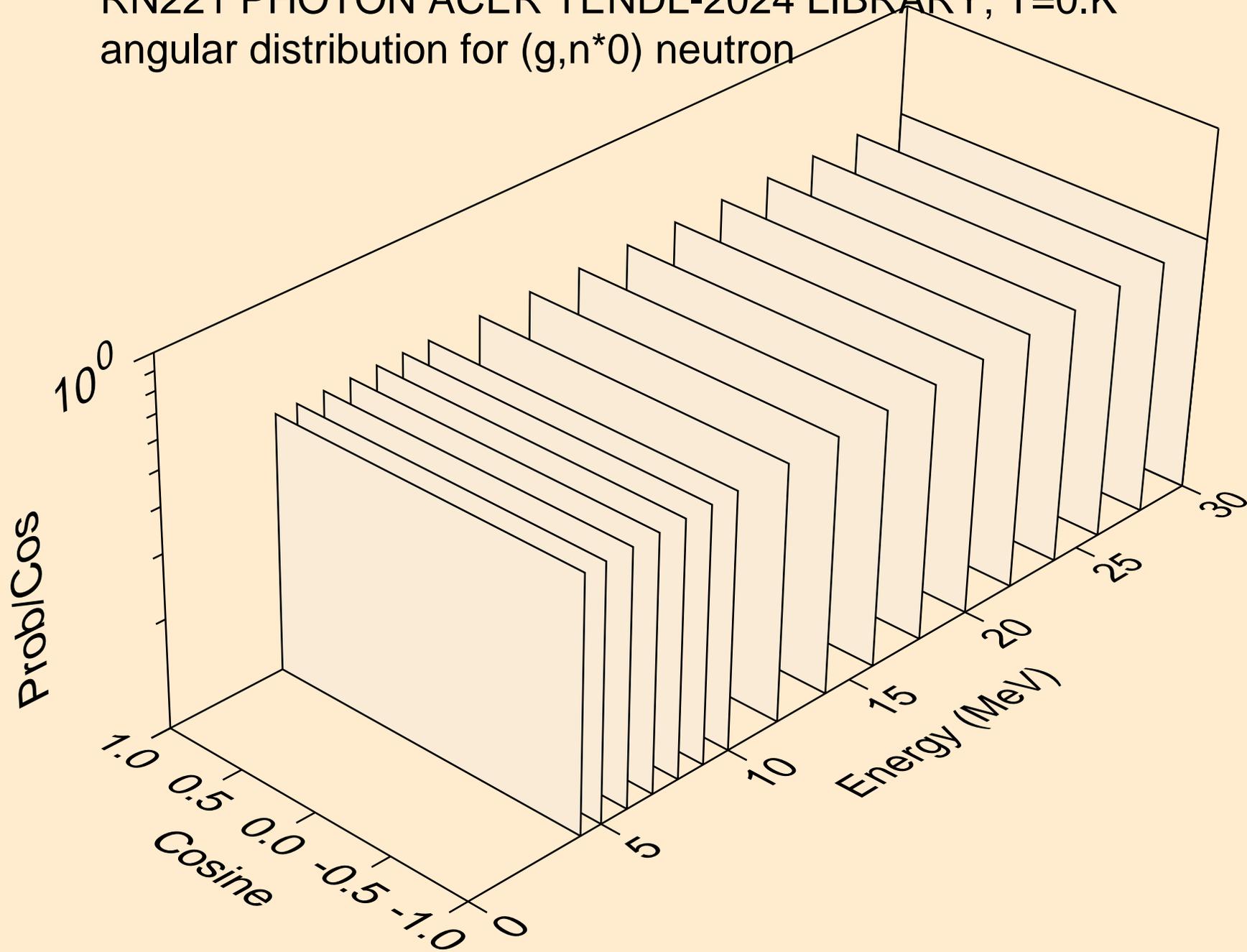RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (g,2np)

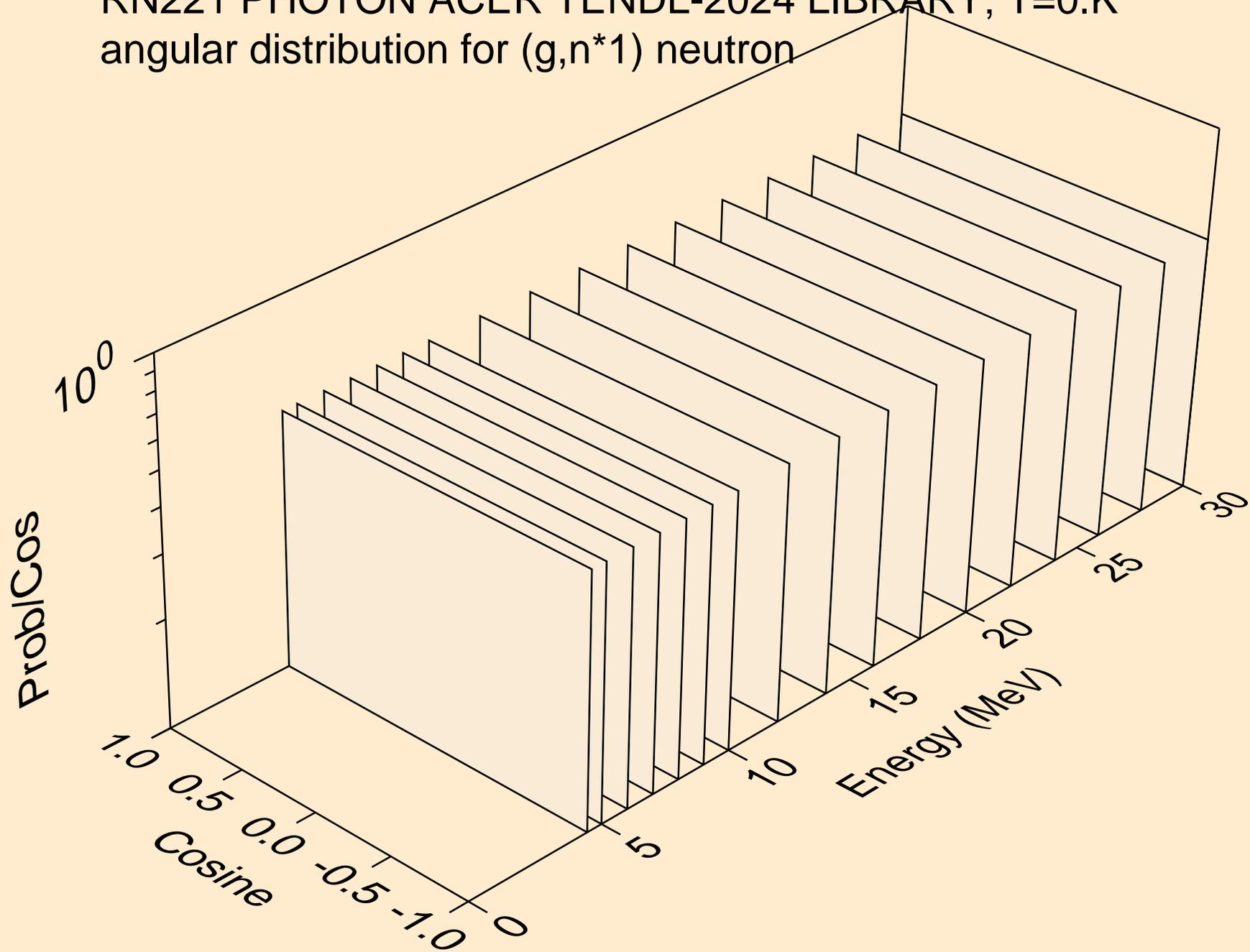RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (g,3np)

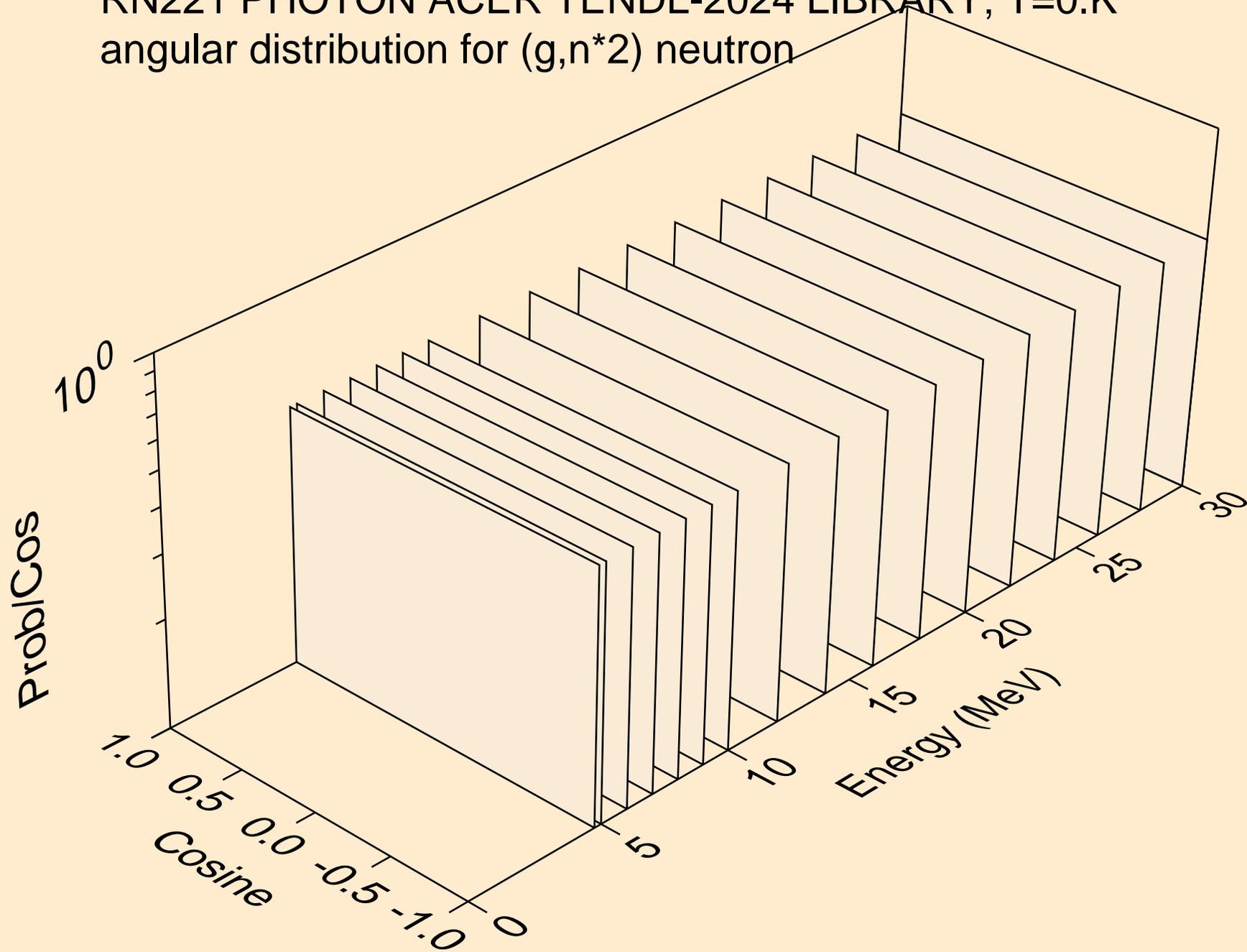RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (g,npa)

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
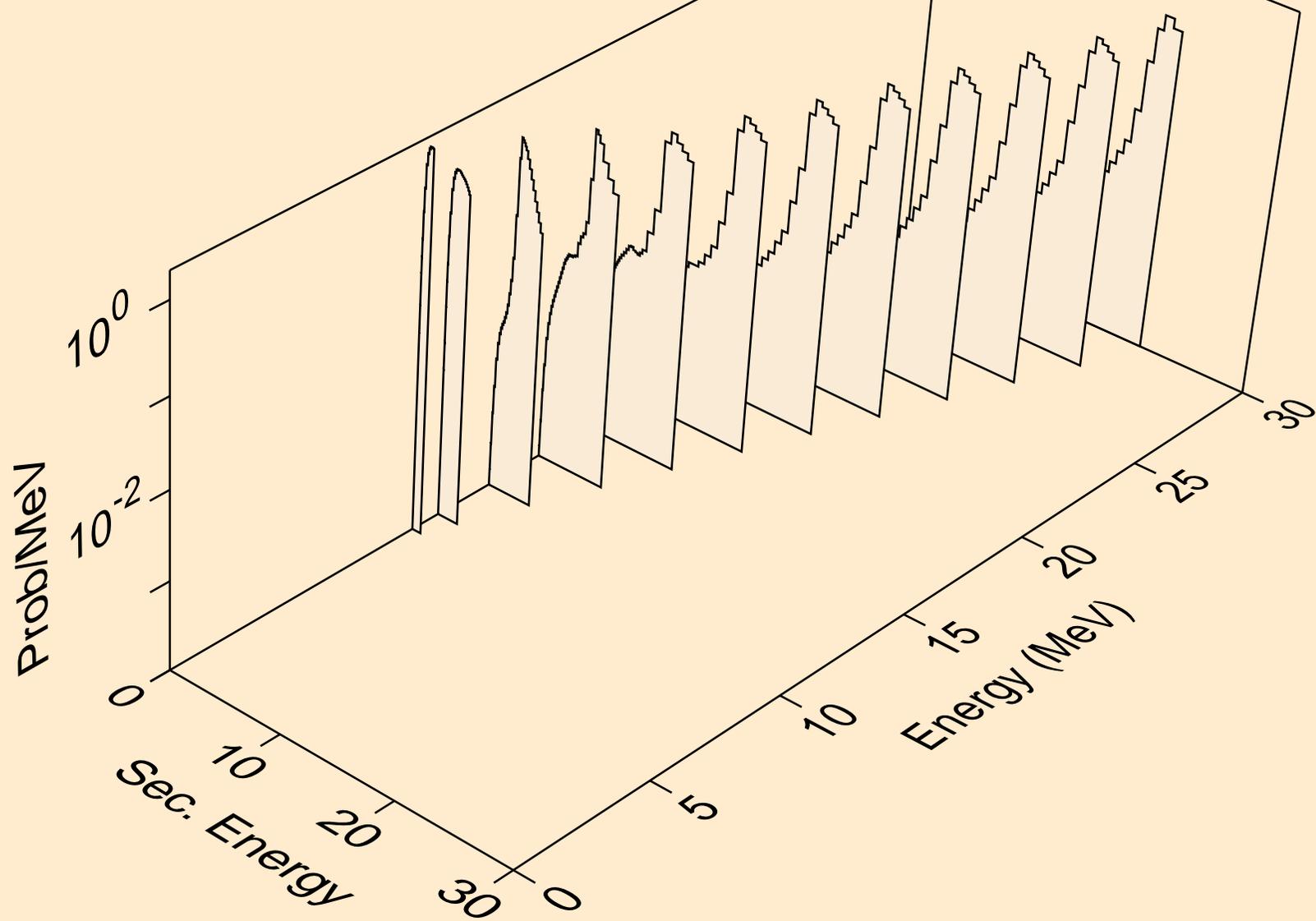angular distribution for (g,n*0) neutron

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
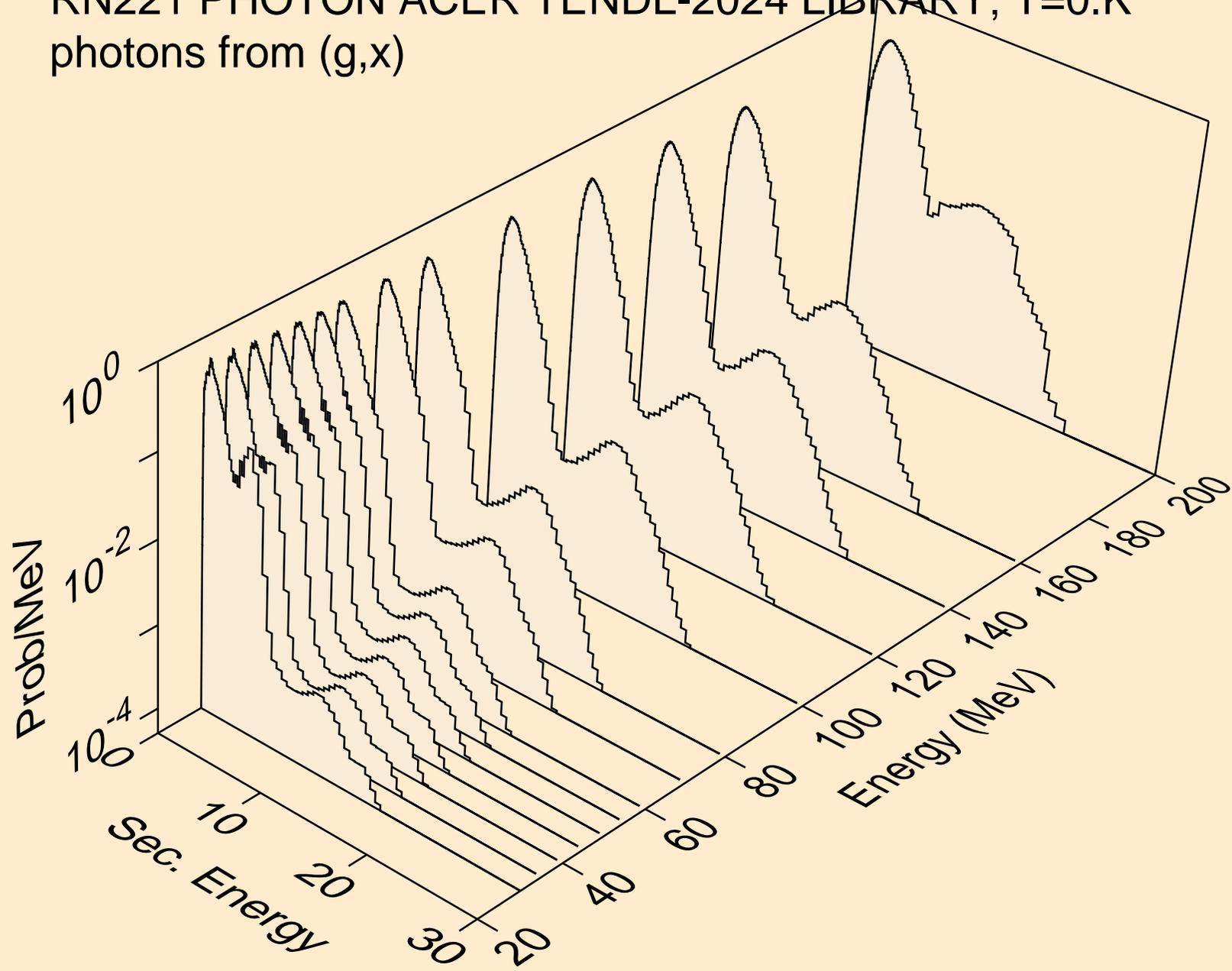angular distribution for (g,n*1) neutron

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
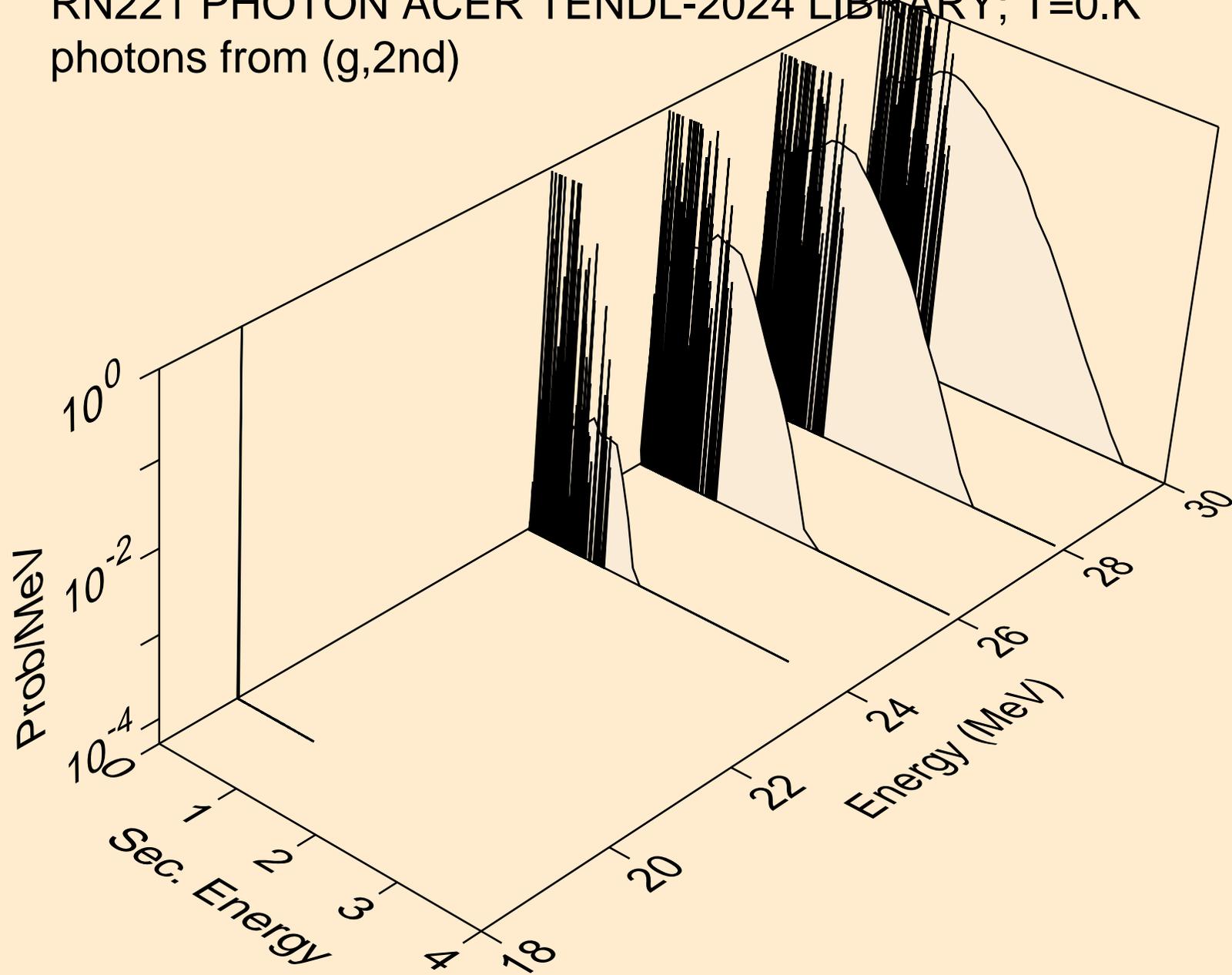angular distribution for (g,n*2) neutron

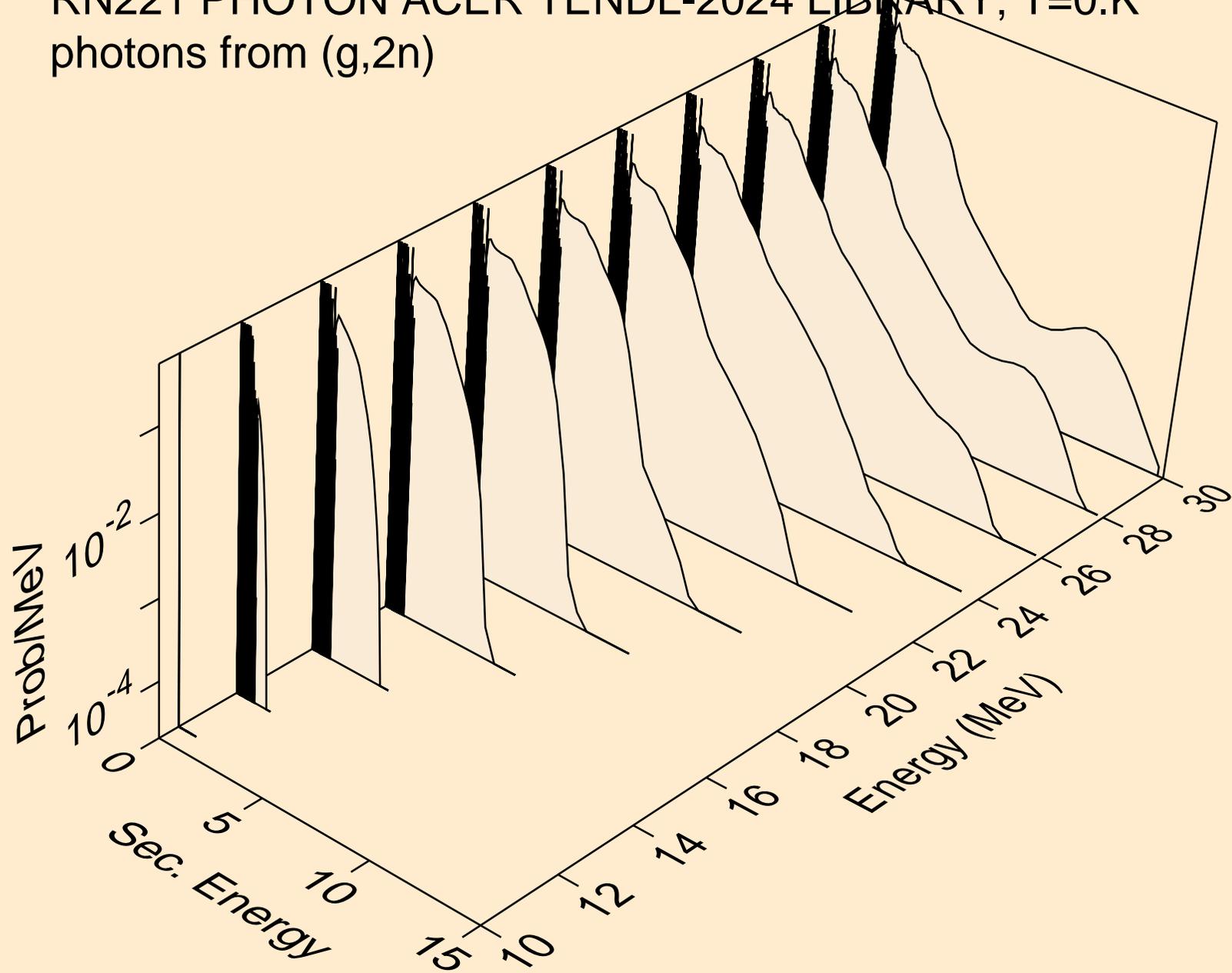RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (g,n*c)

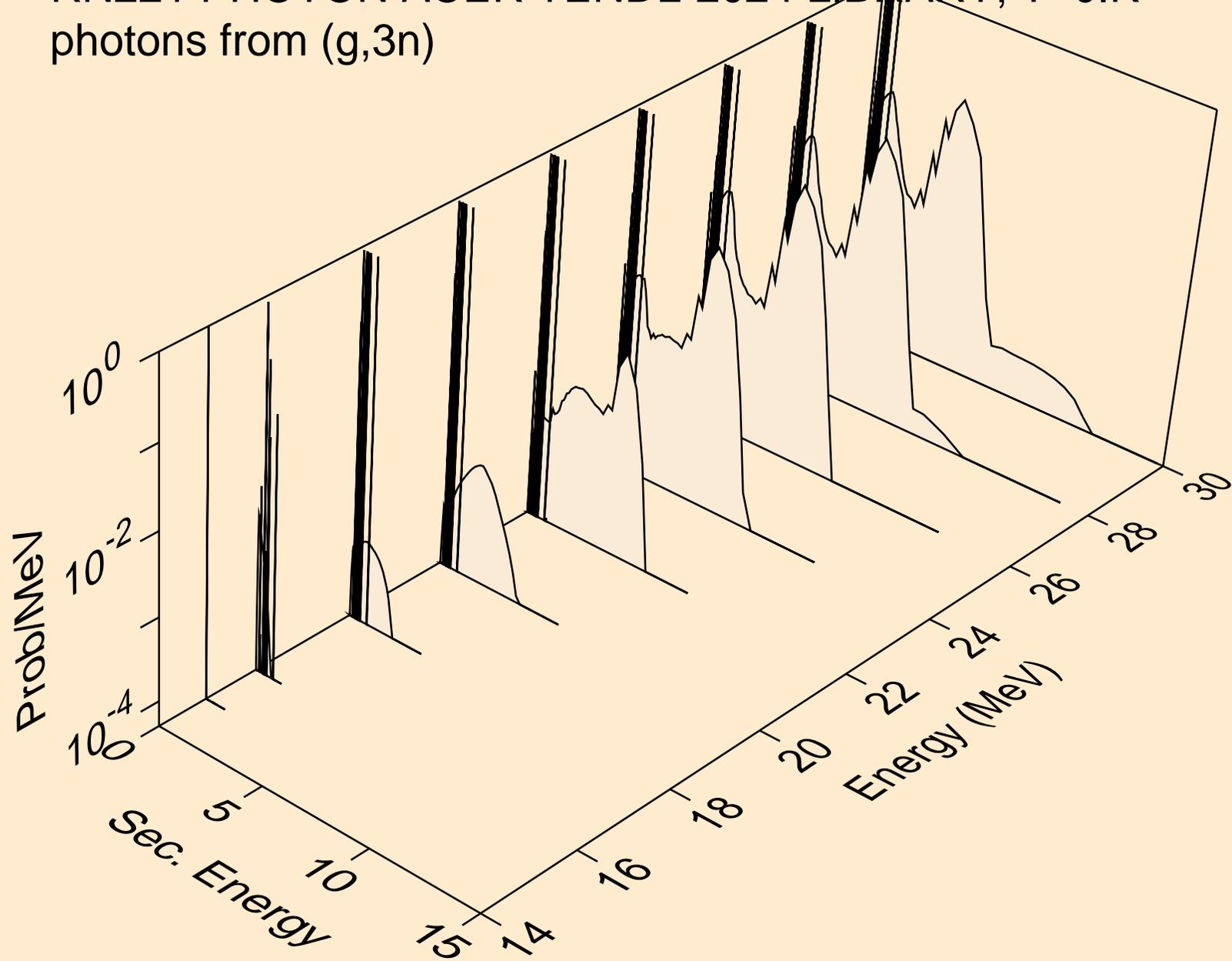RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
photons from (g,x)

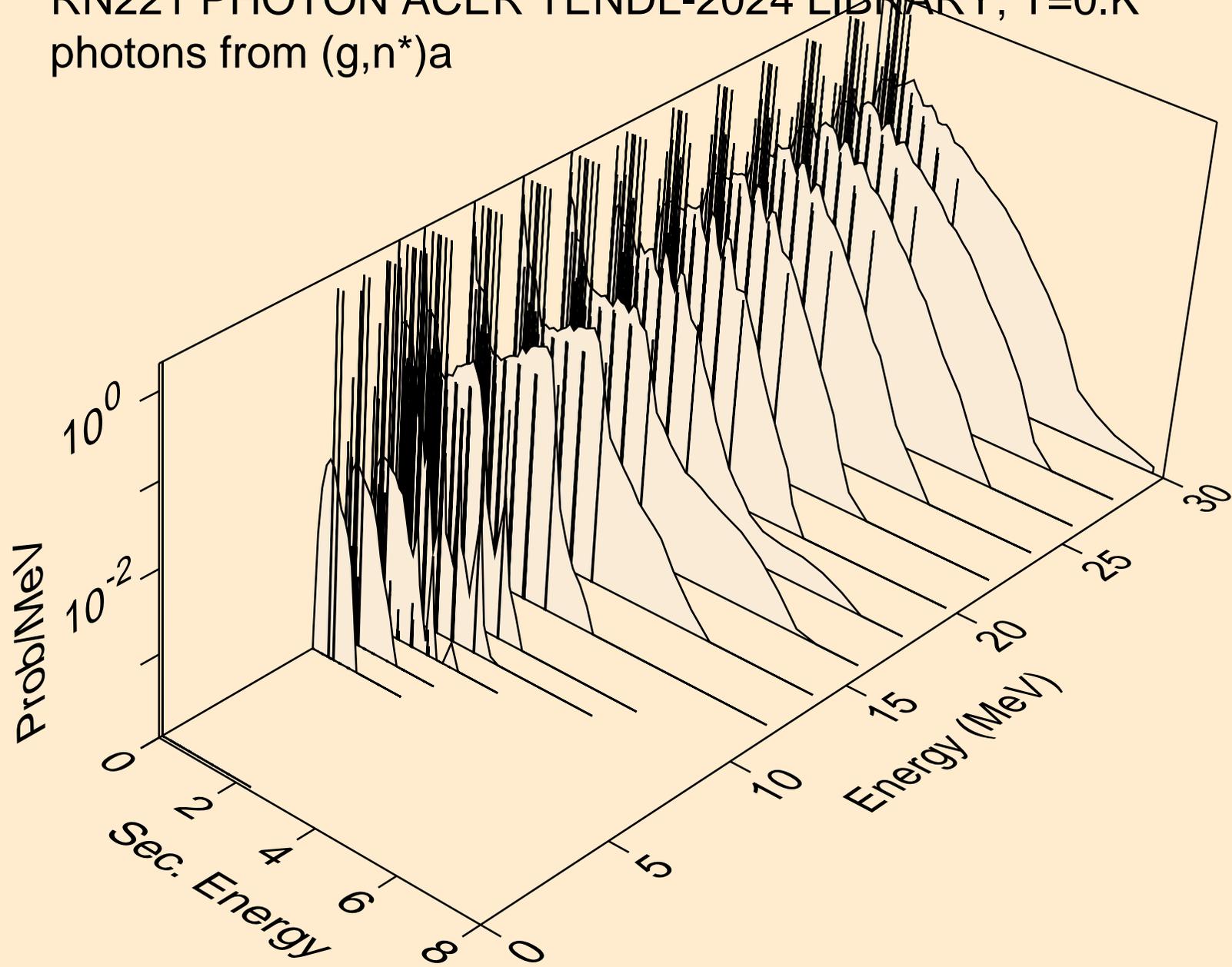RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
photons from (g,2nd)

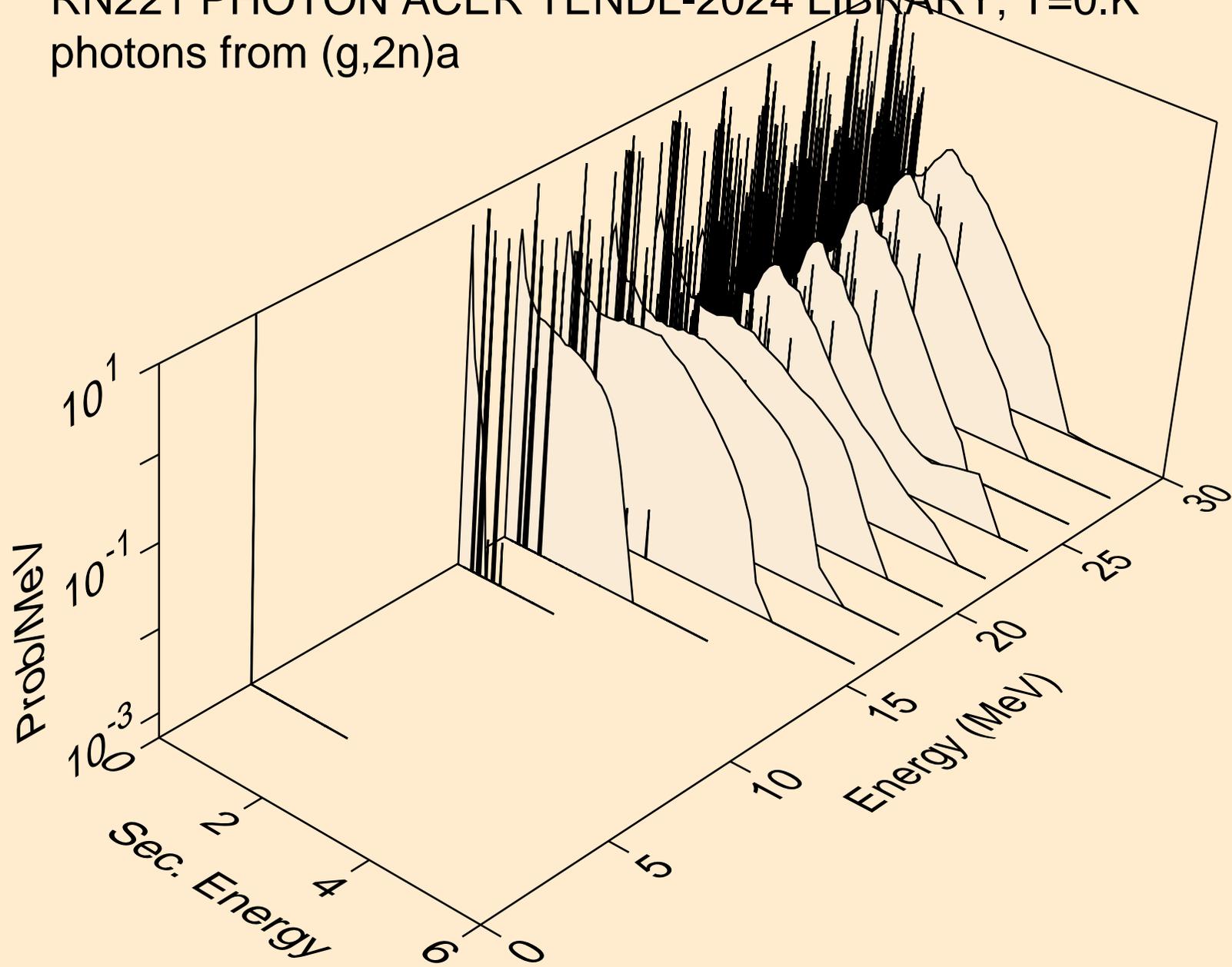RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
photons from (g,2n)

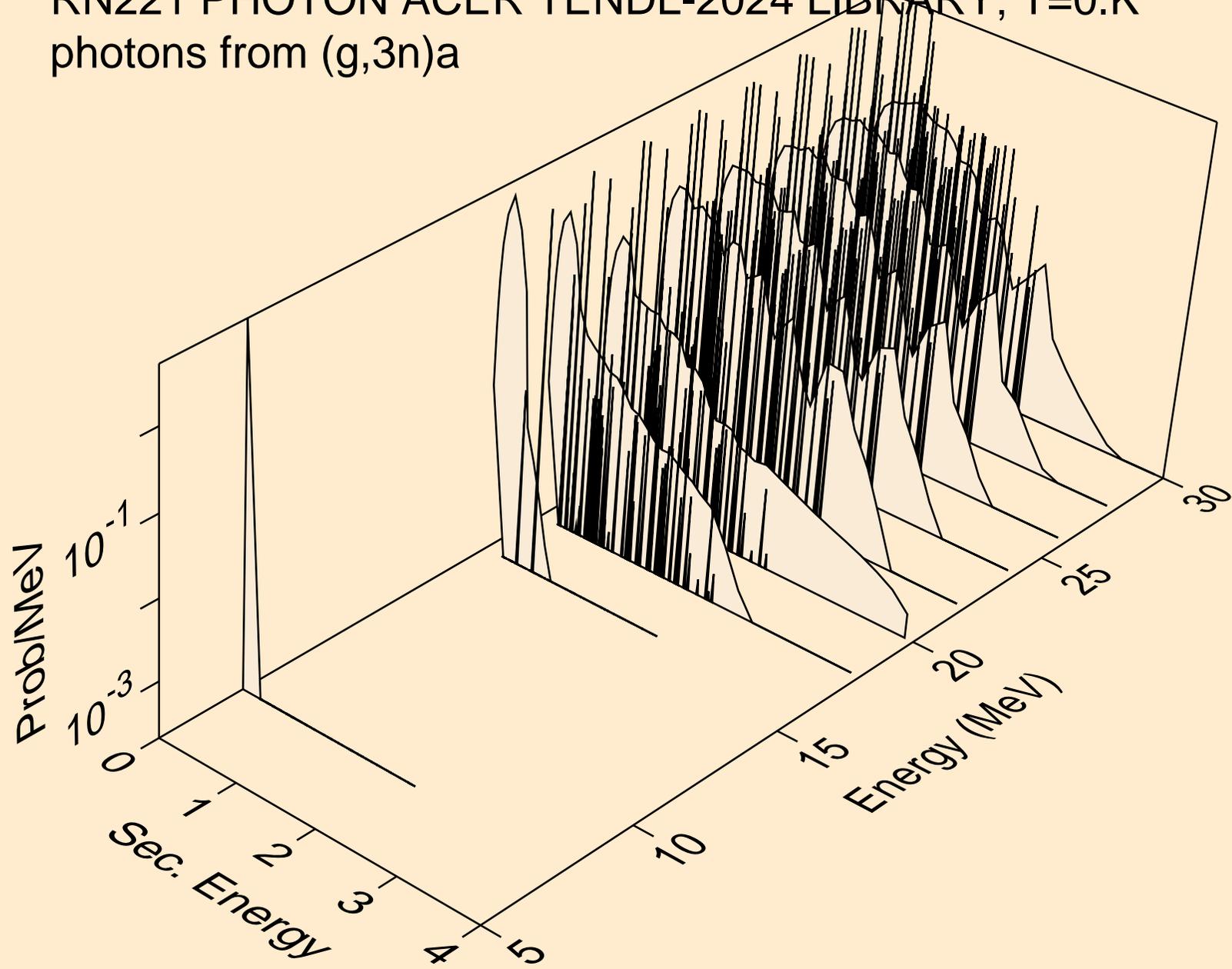RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
photons from (g,3n)

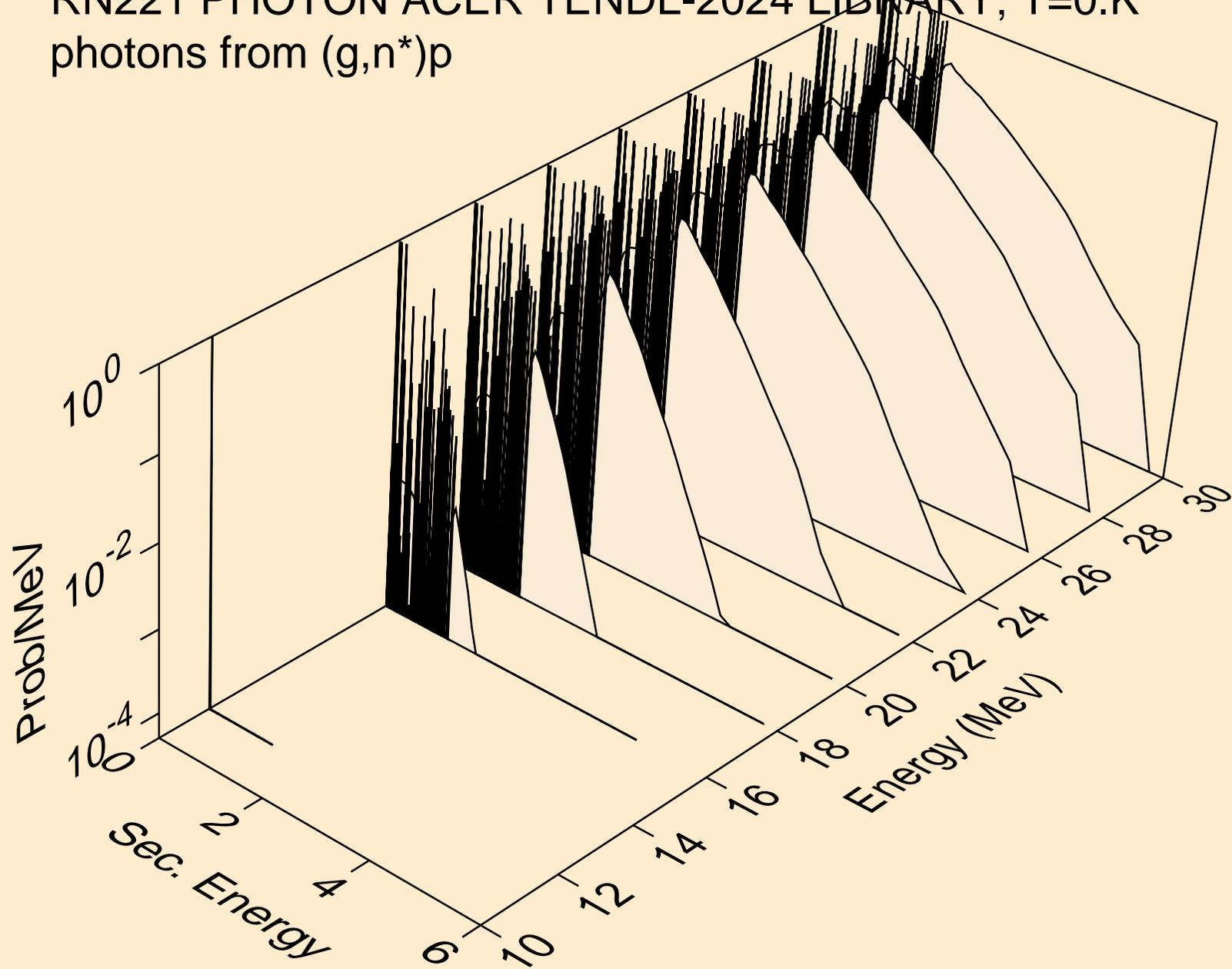RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
photons from (g,n*)a

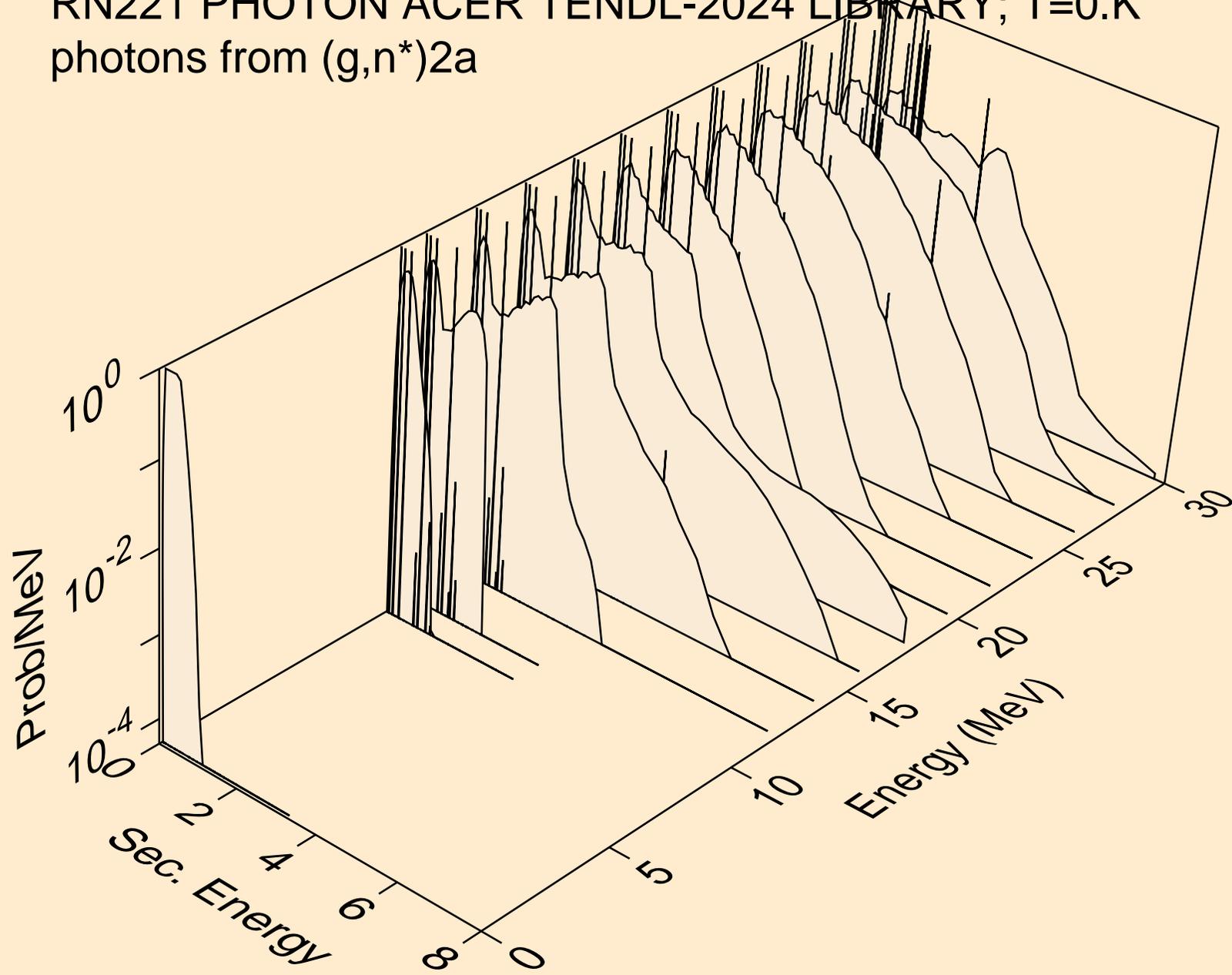RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
photons from (g,2n)a

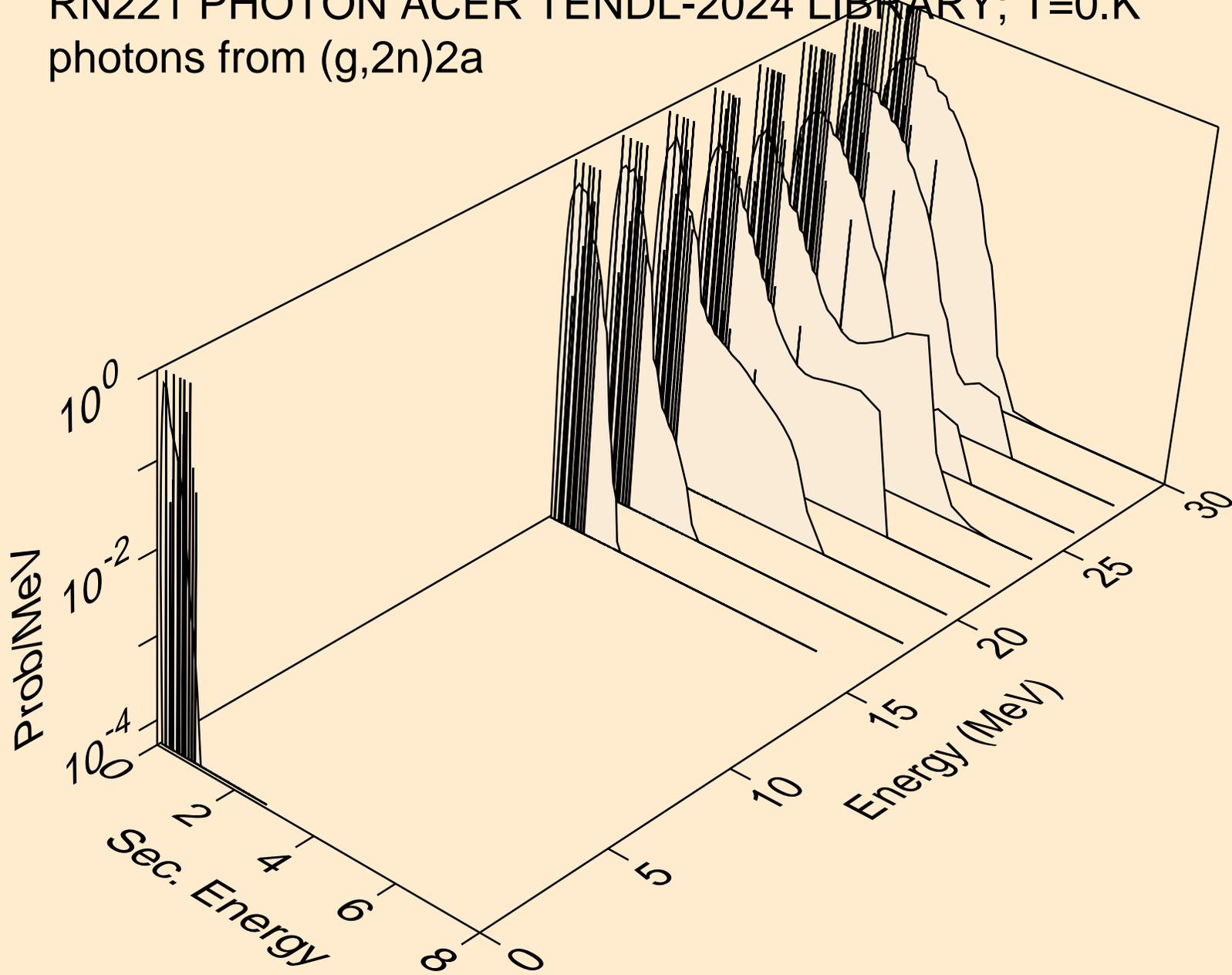RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
photons from (g,3n)a

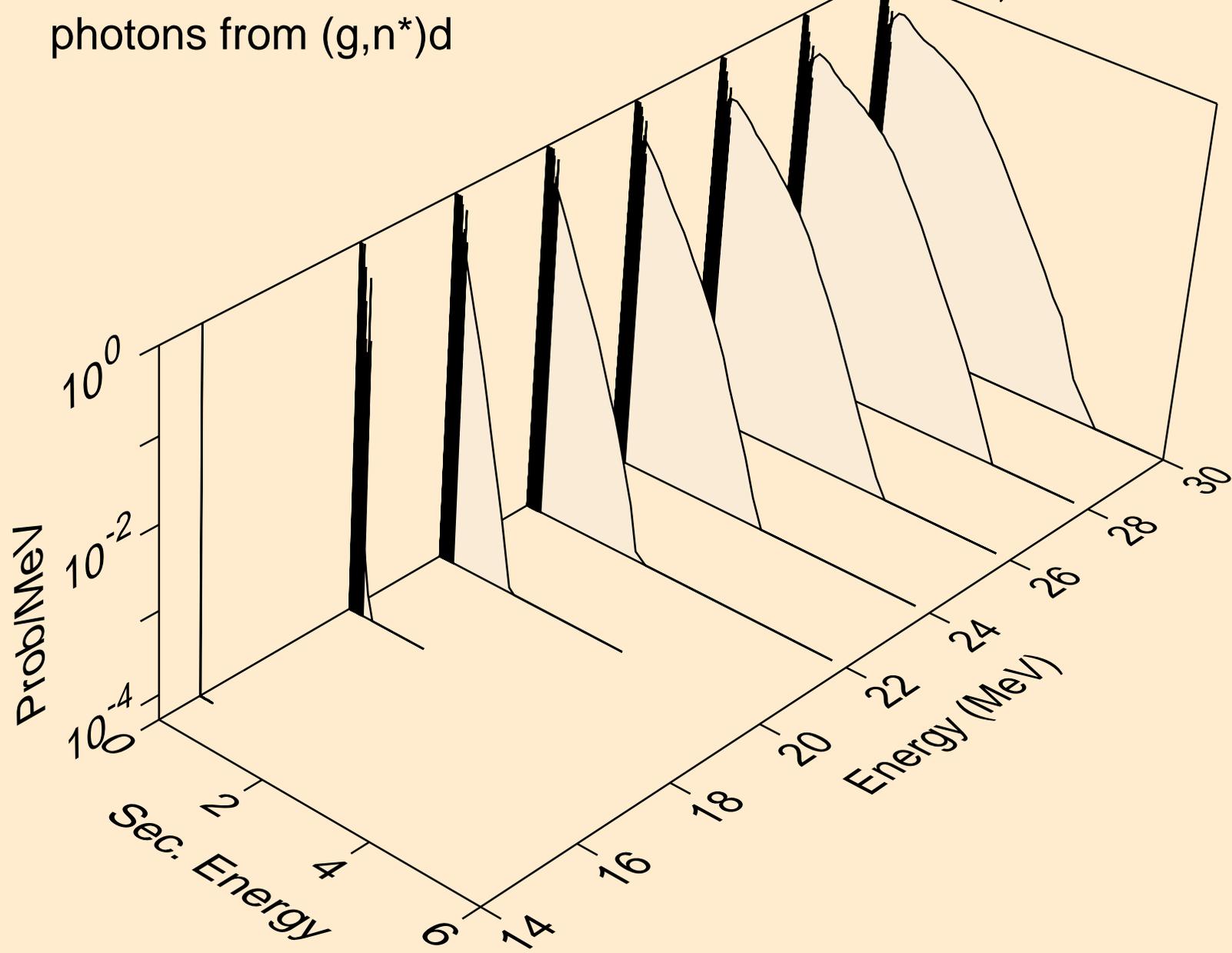RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
photons from (g,n*)p

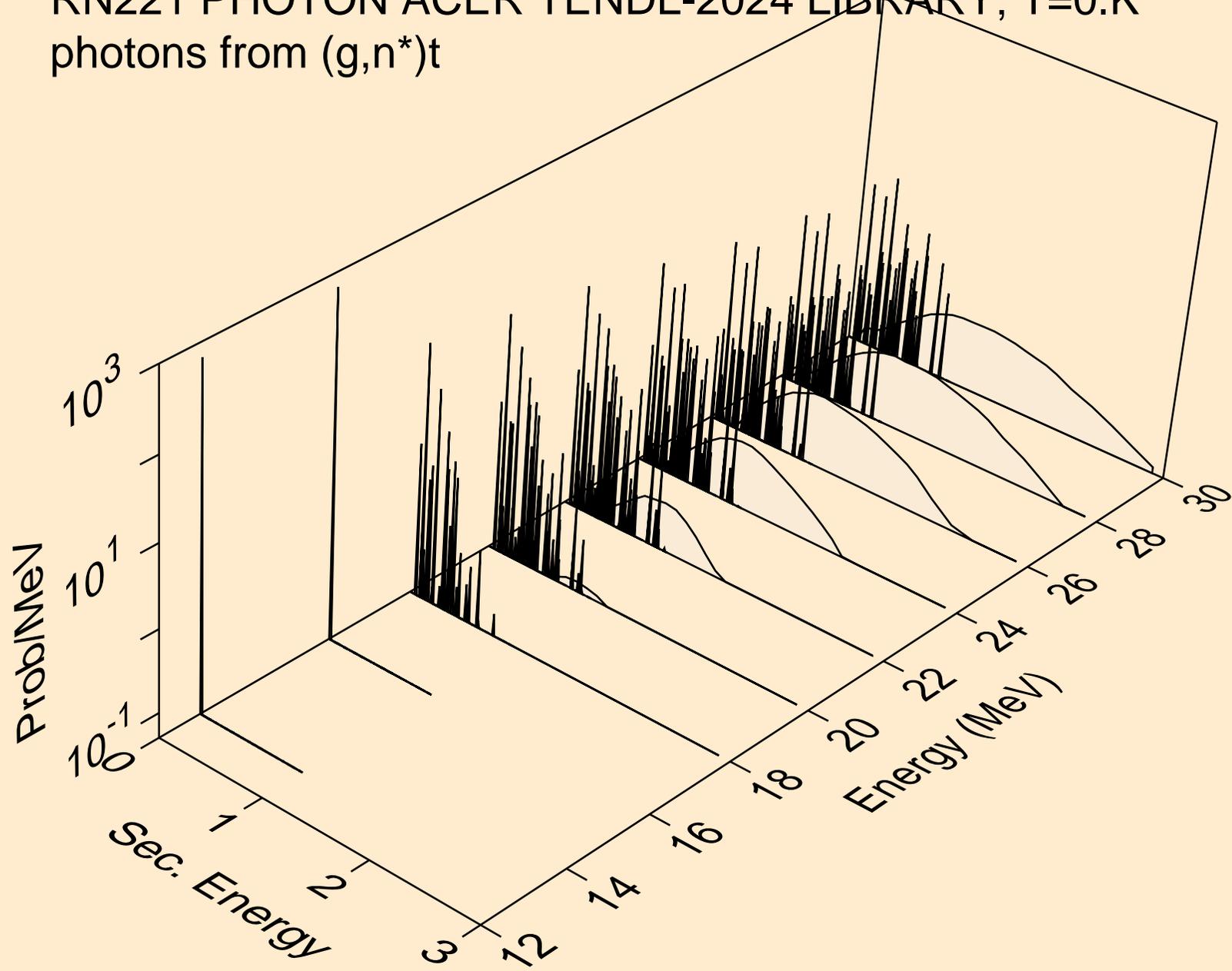RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
photons from (g,n*)2a

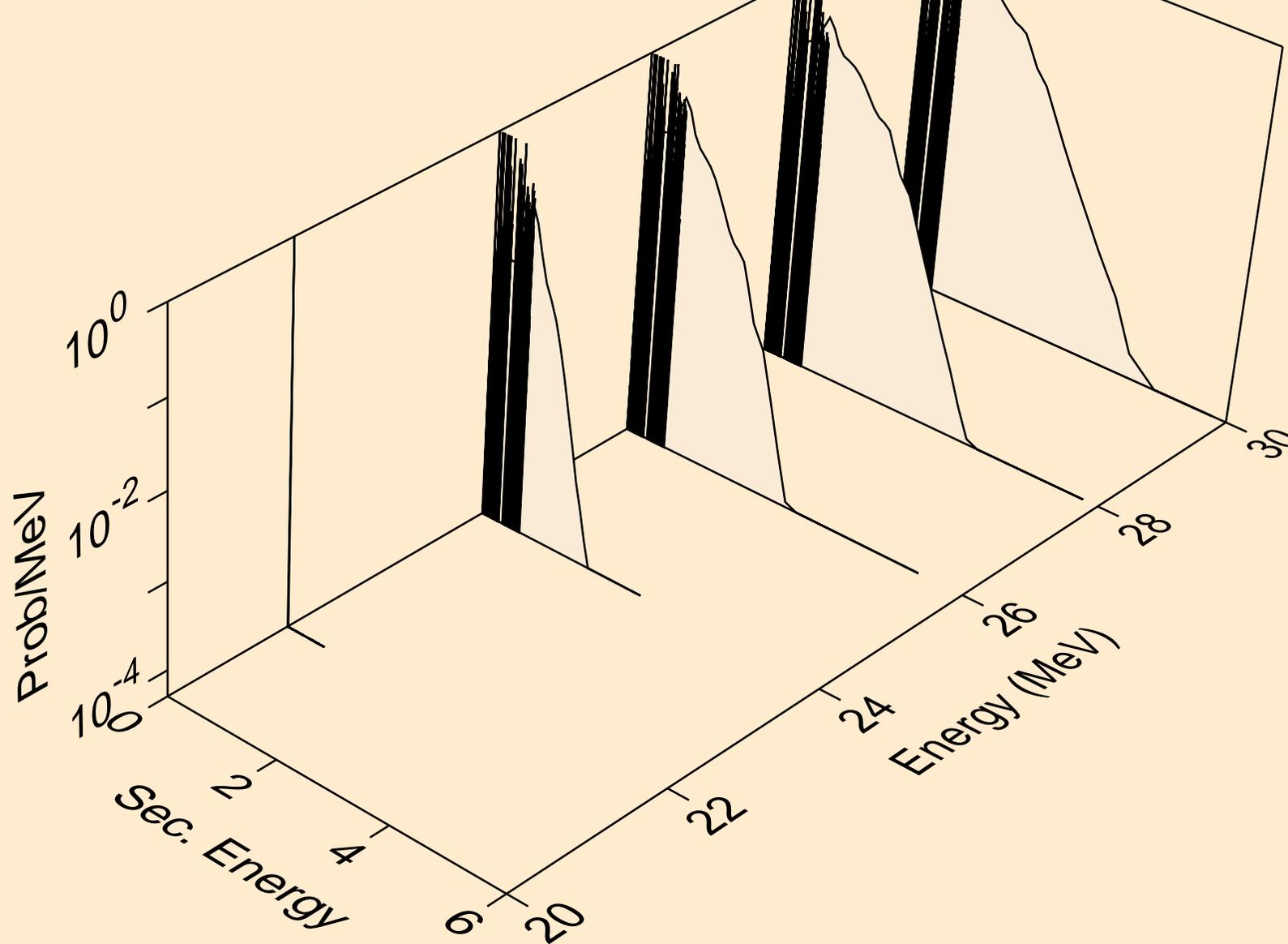RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
photons from (g,2n)2a

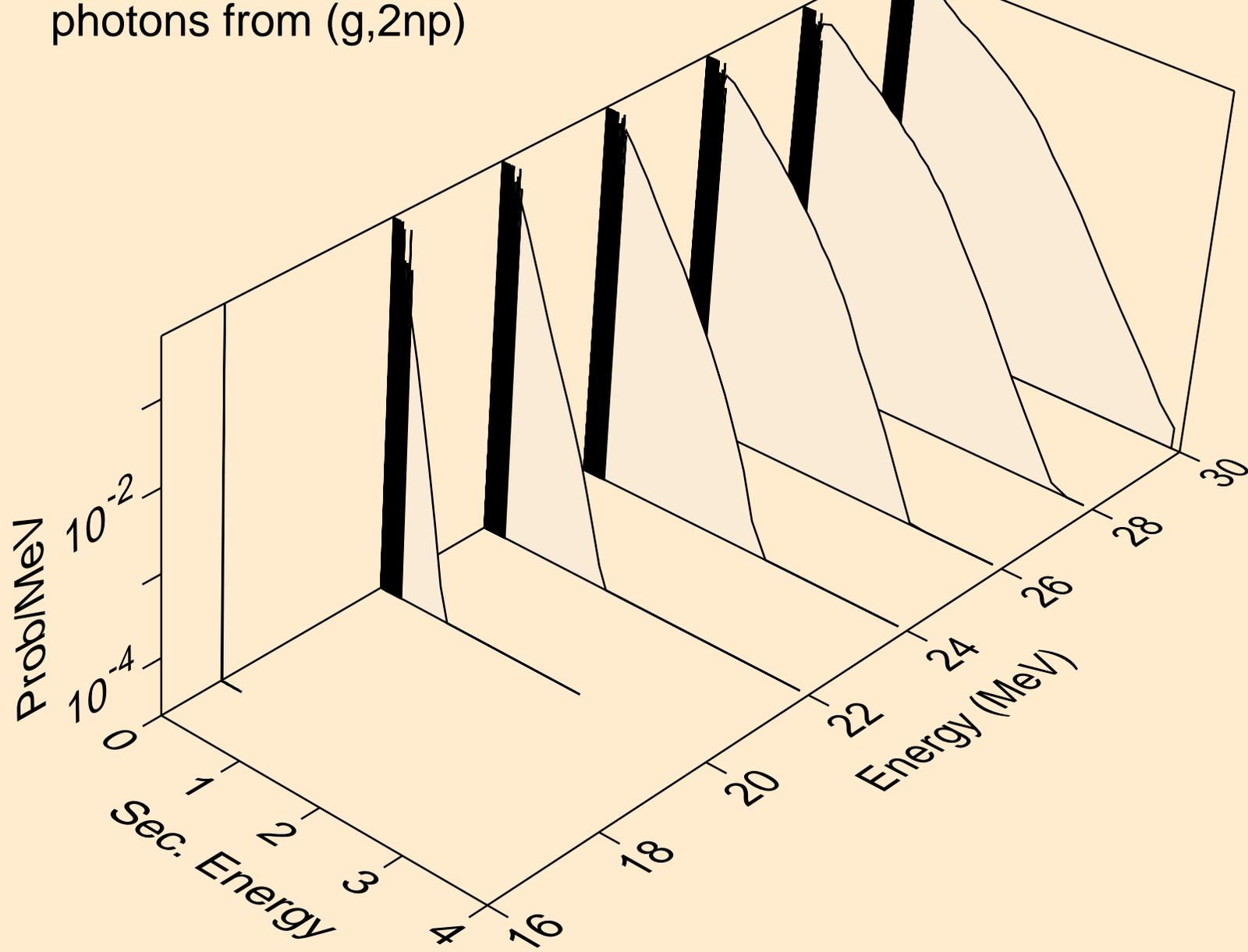RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
photons from (g,n*)d

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
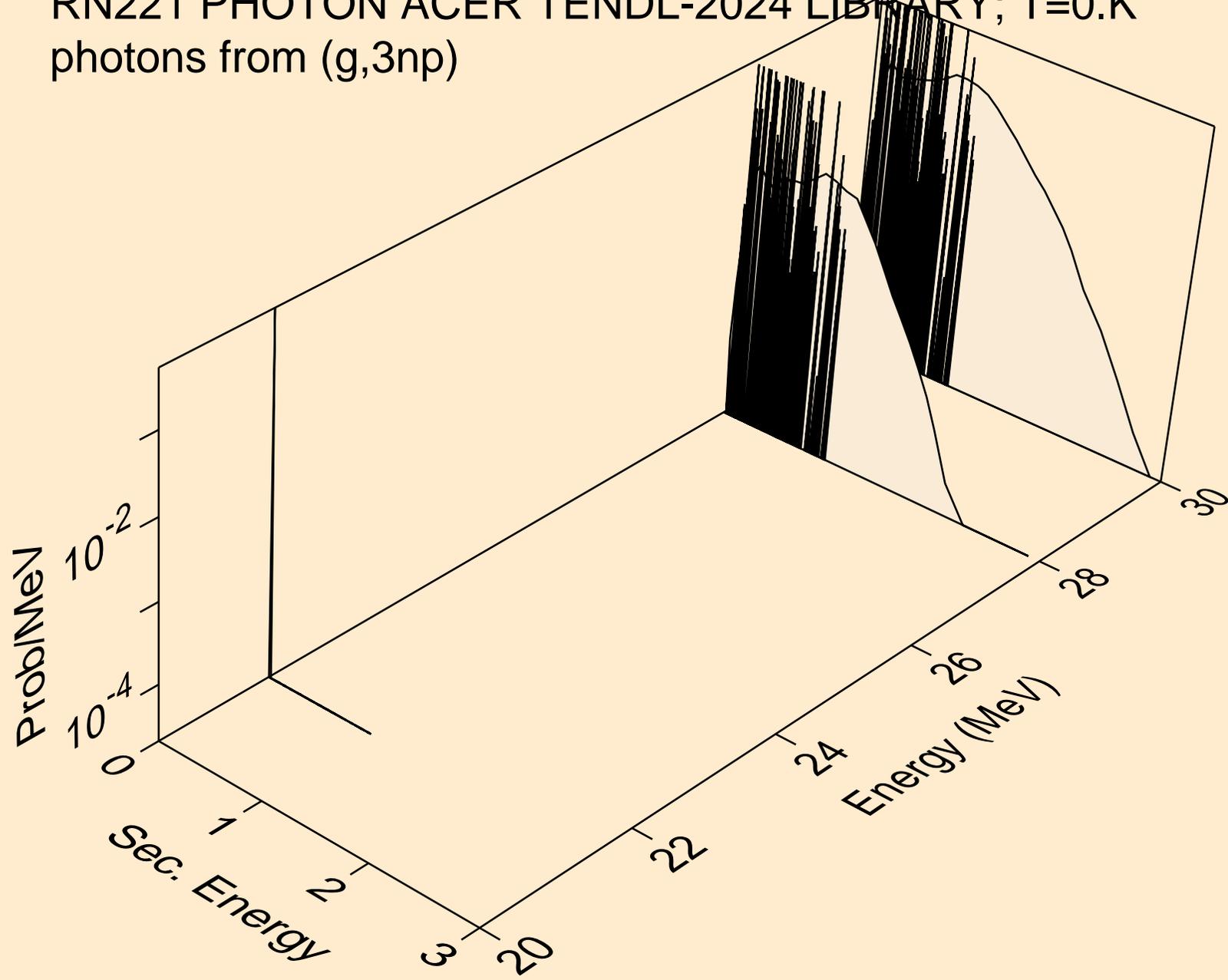photons from (g,n*)t

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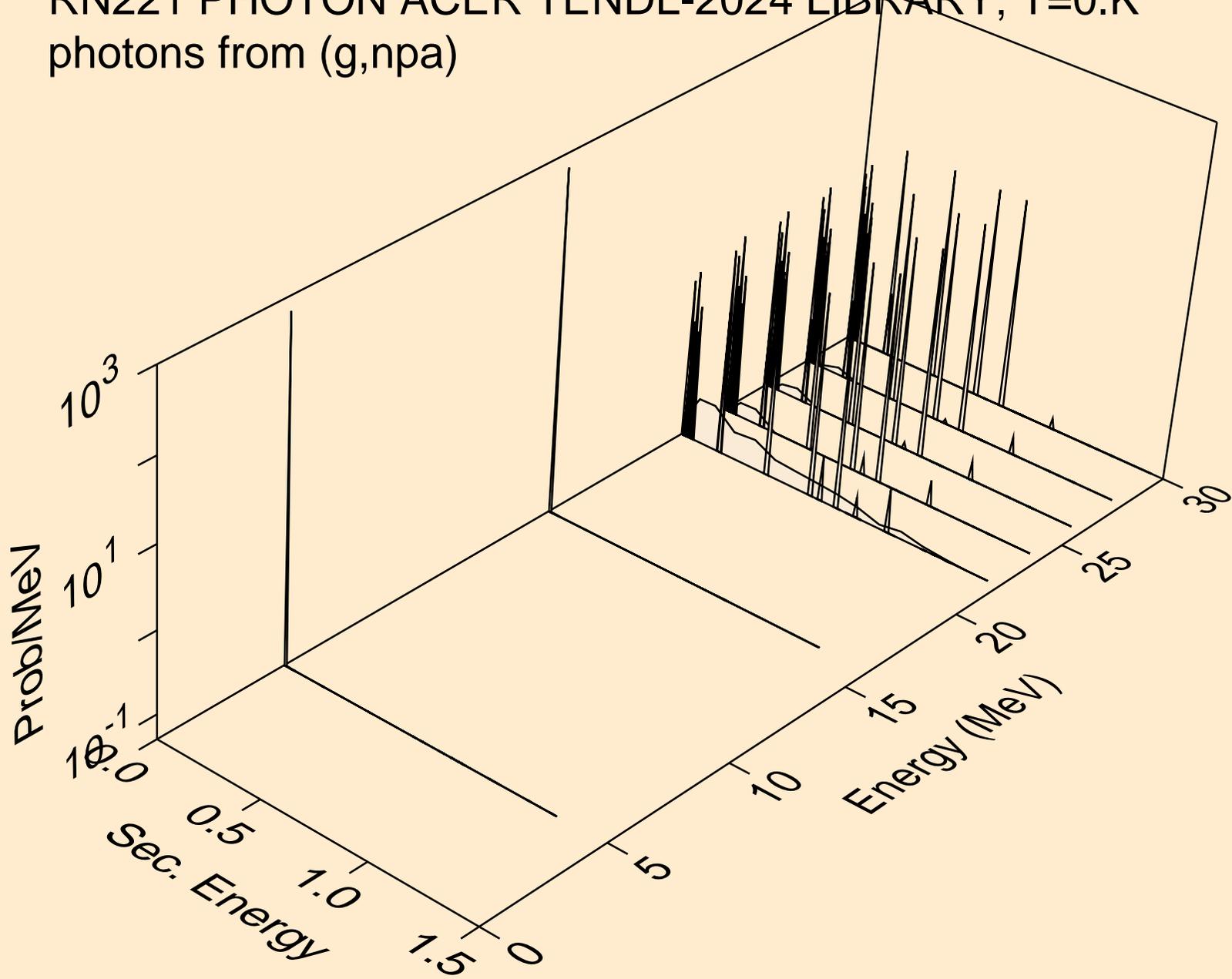photons from (g,4n)

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
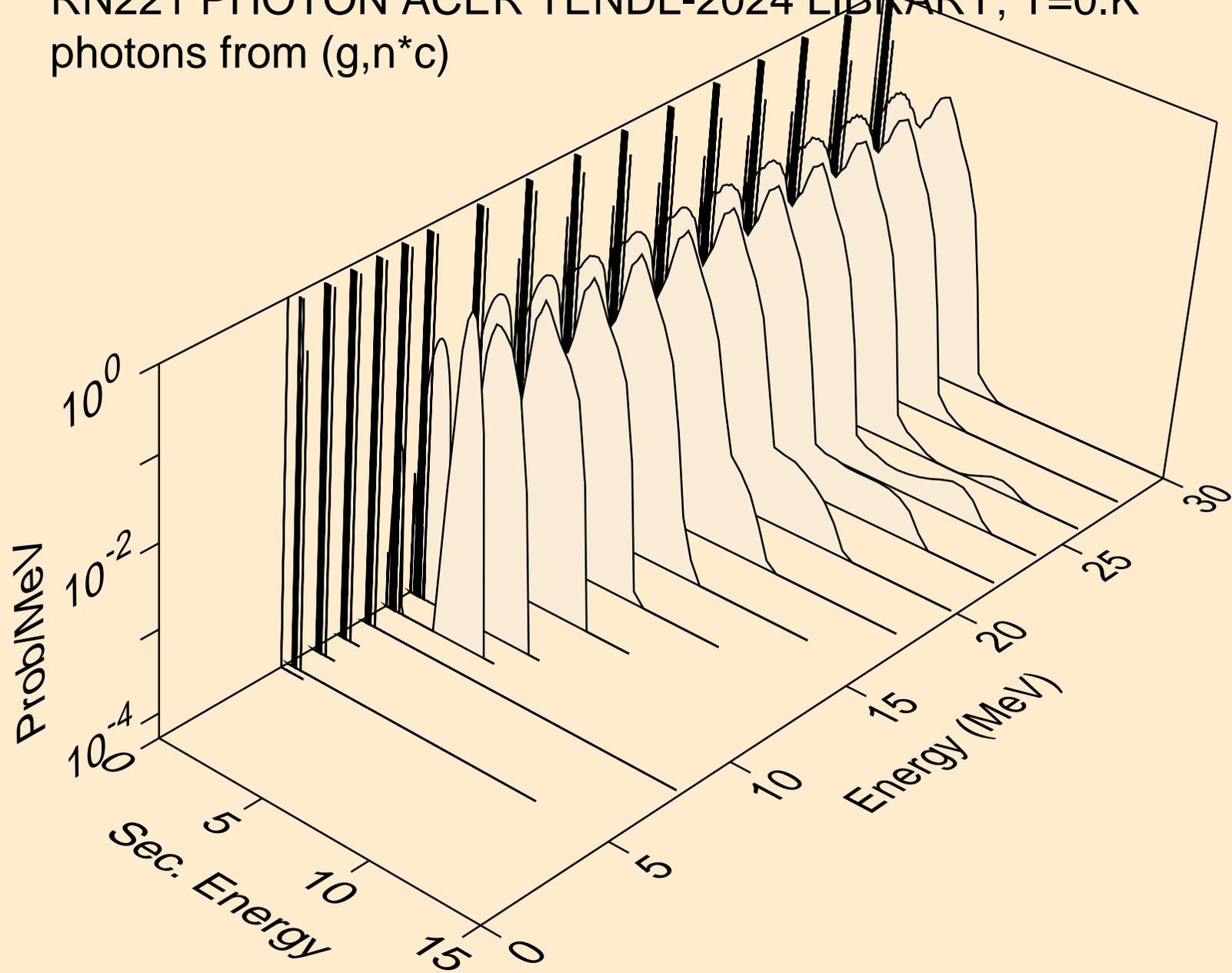photons from (g,2np)

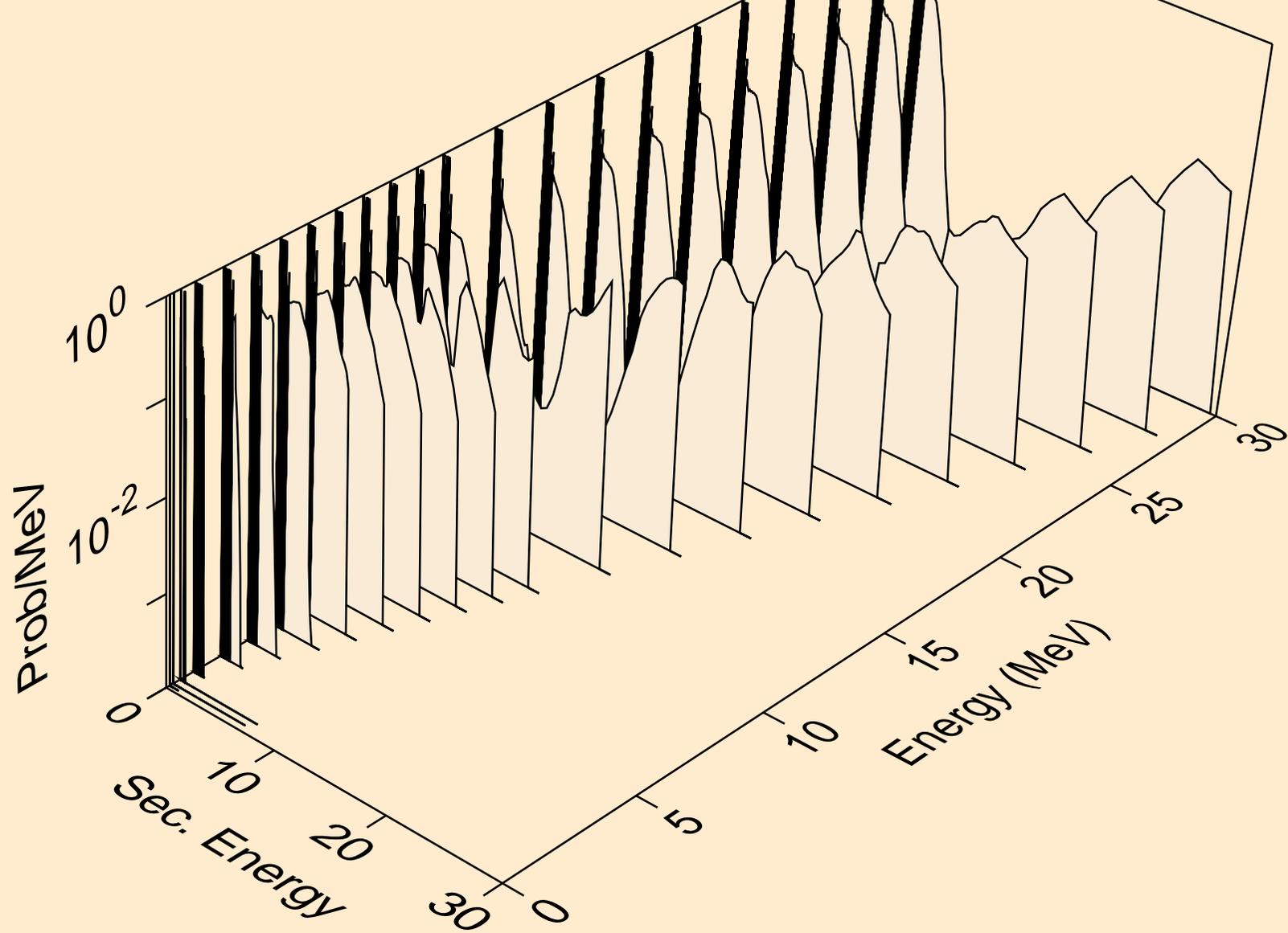RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
photons from (g,3np)

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
photons from (g,npa)

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
photons from (g,n*c)

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
photons from (g,gma)

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
photons from (g,p)

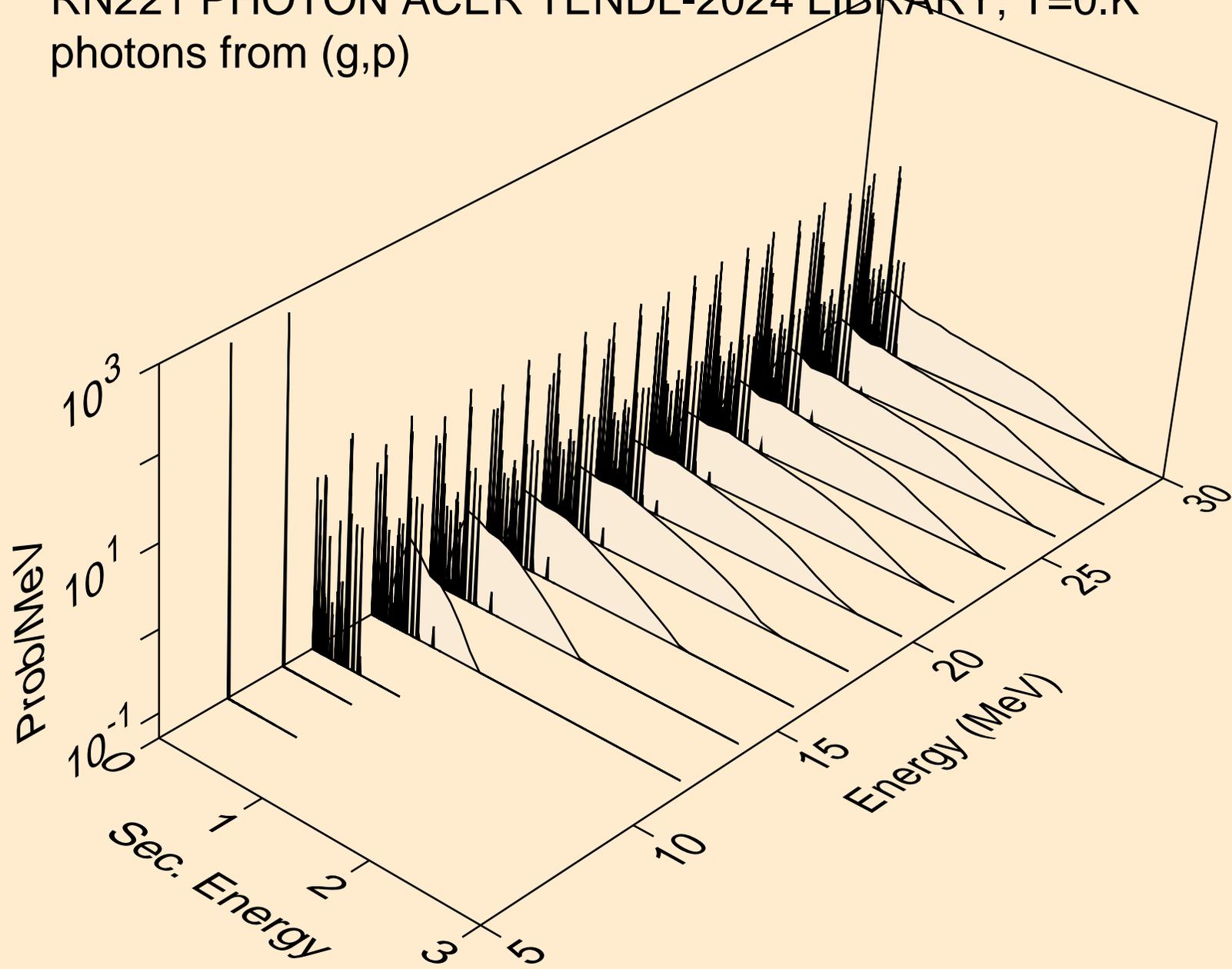RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
photons from (g,d)
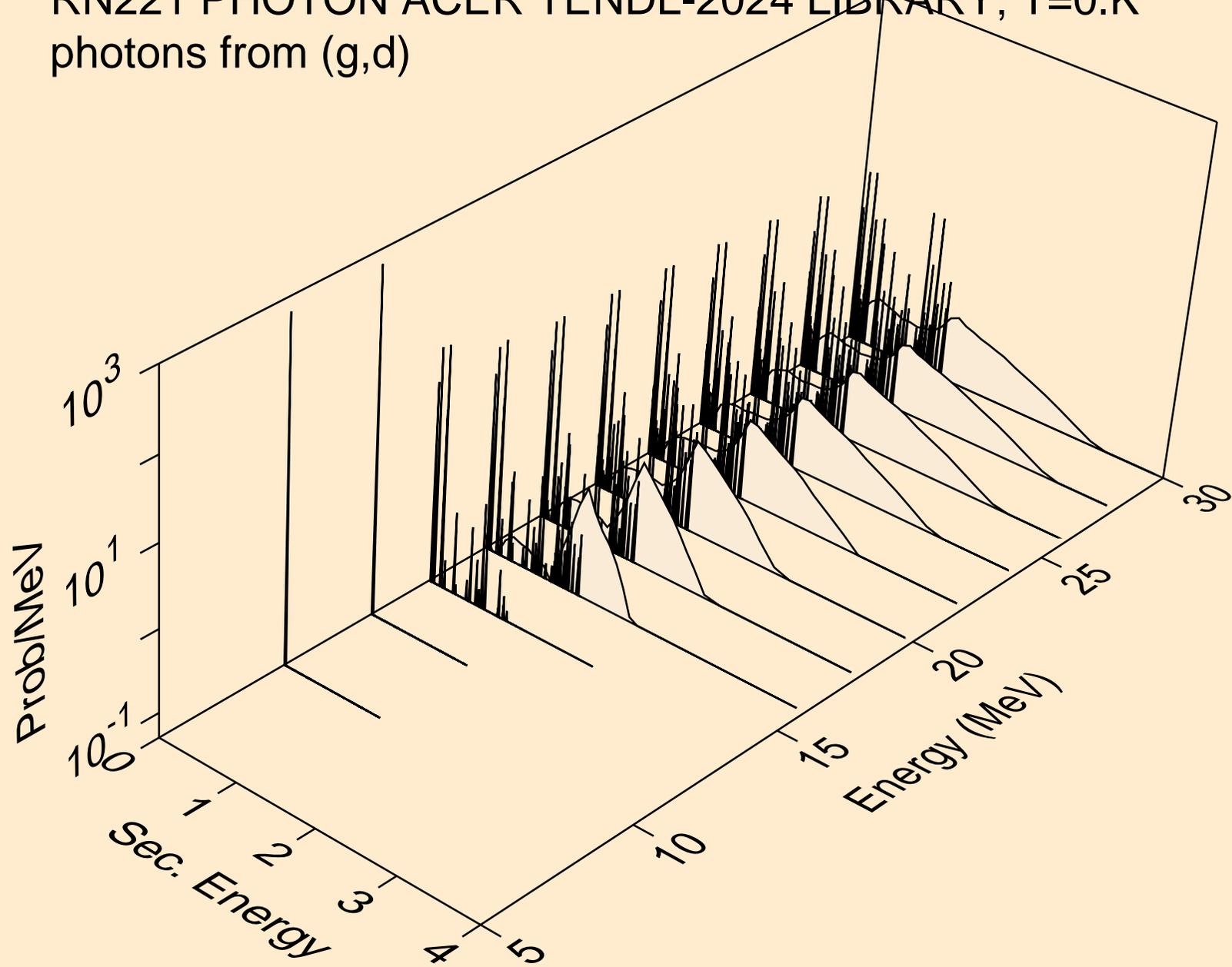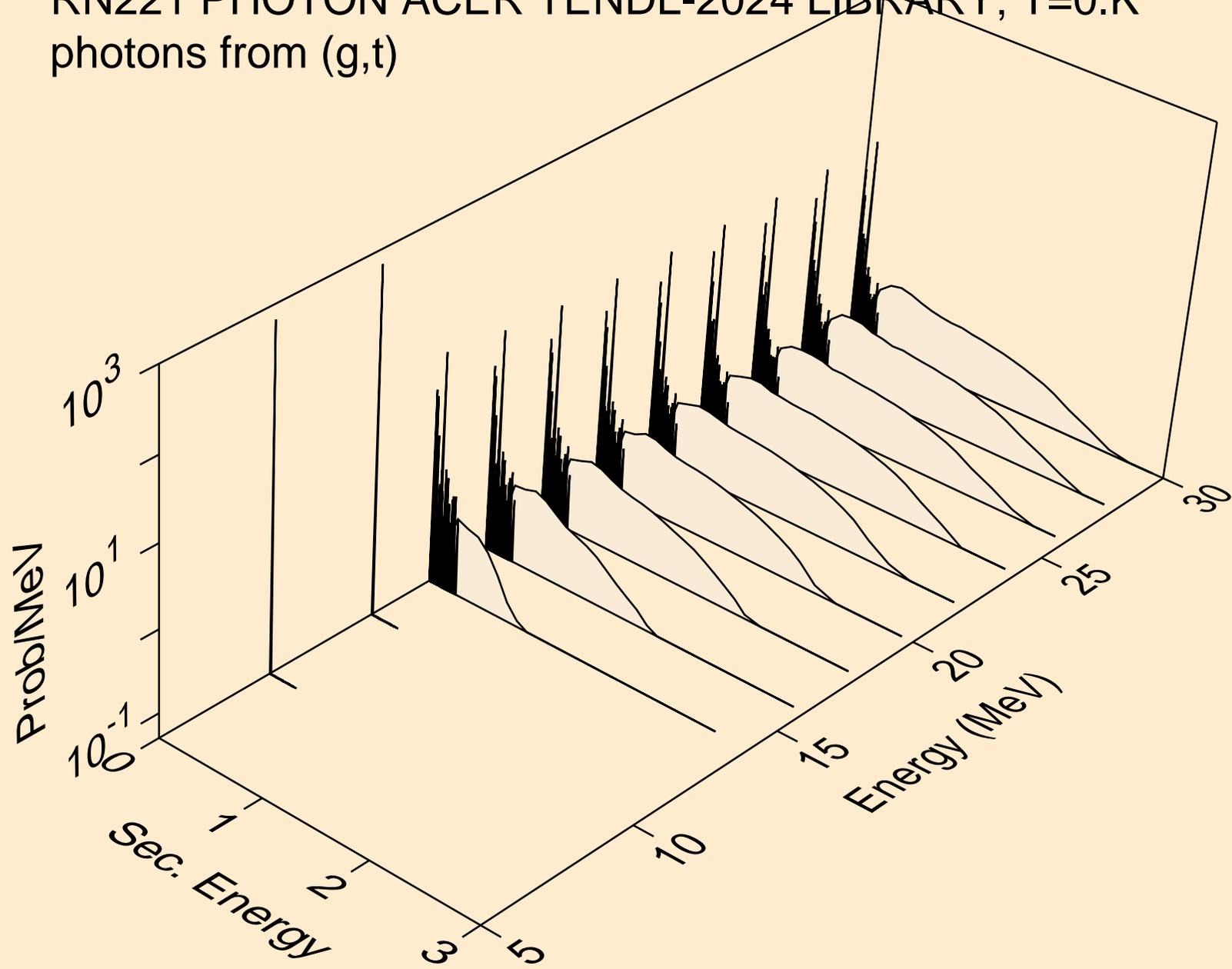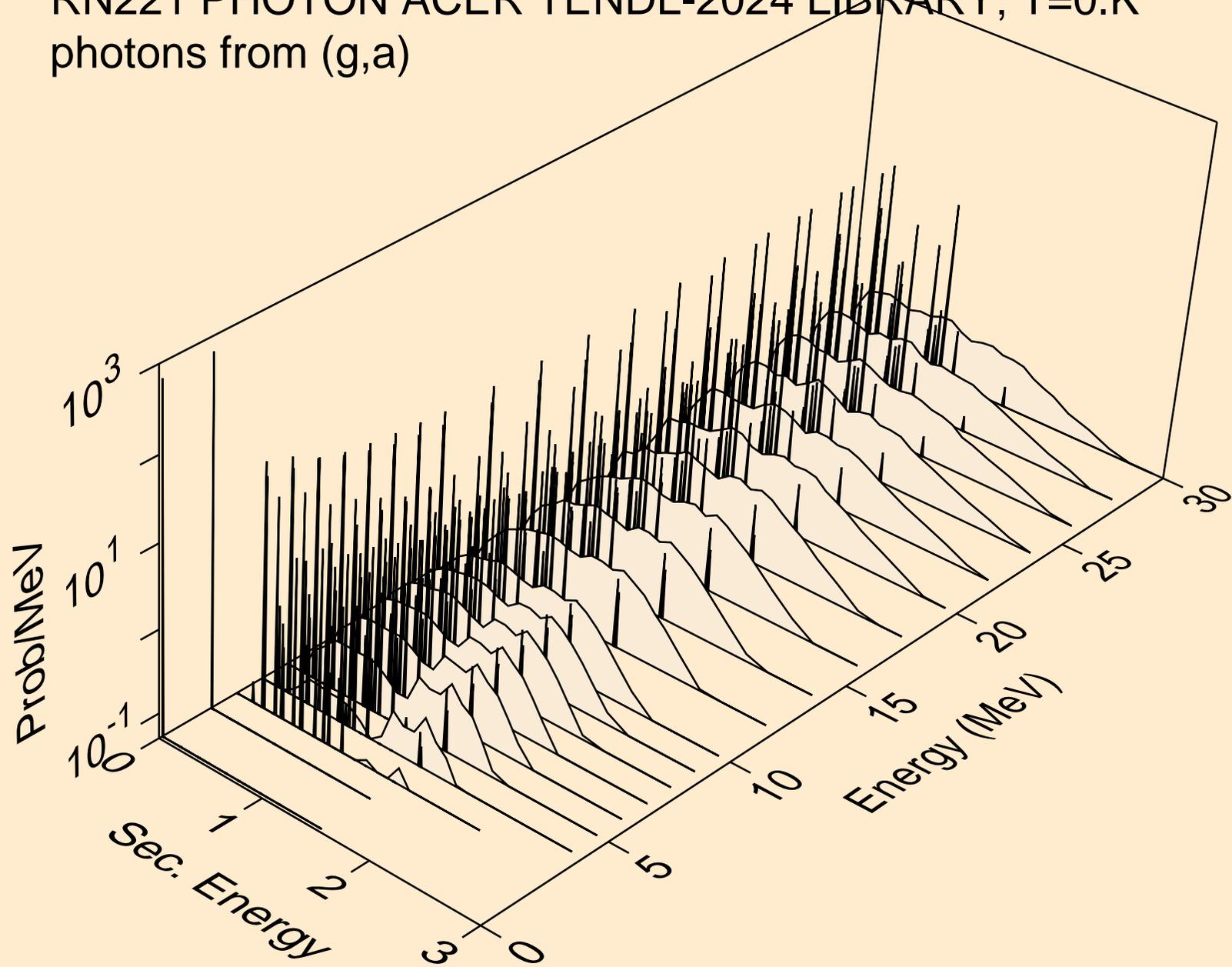
RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
photons from (g,t)

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
photons from (g,a)

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
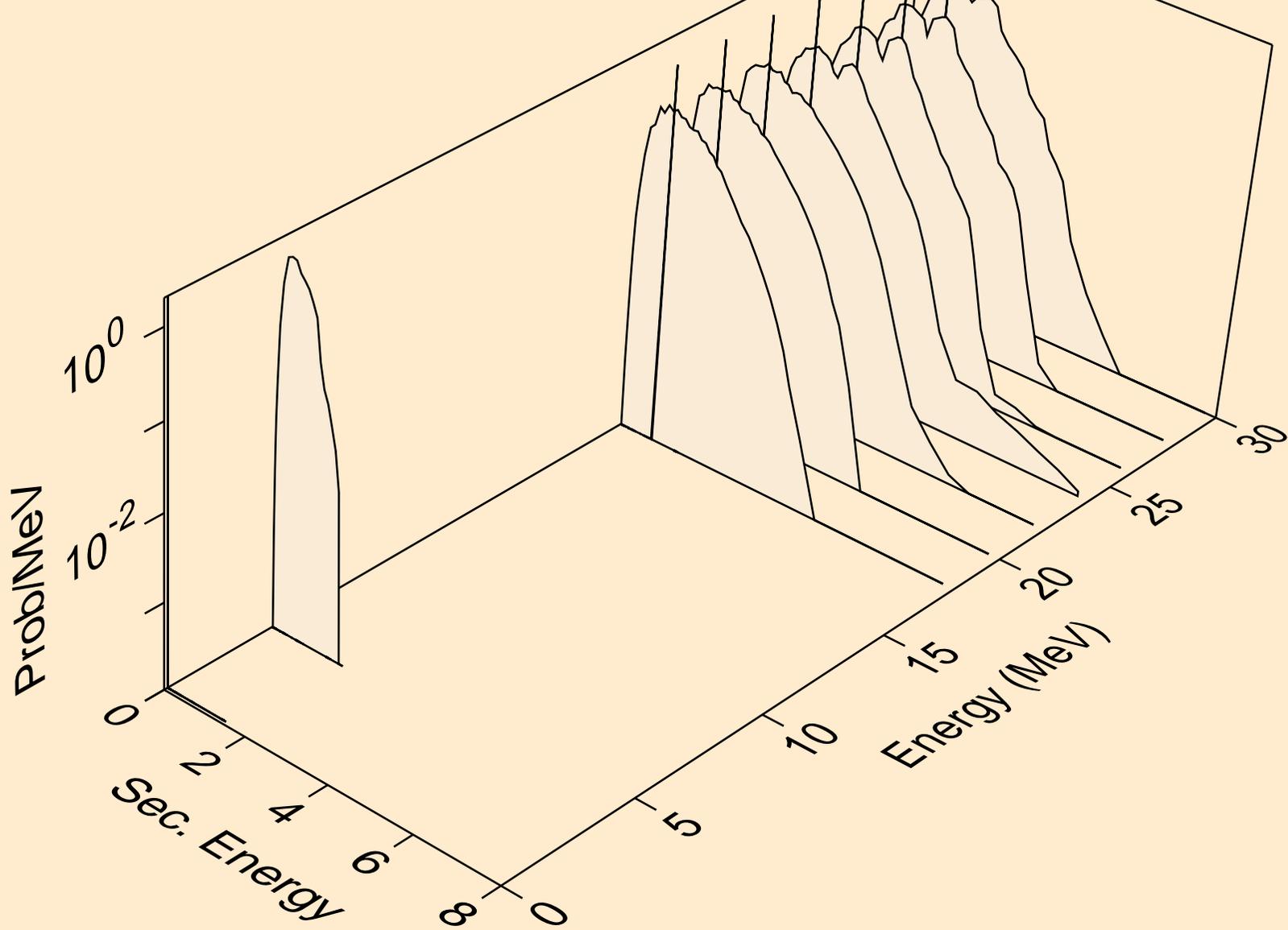photons from (g,2a)

Prob/MeV

Sec. Energy
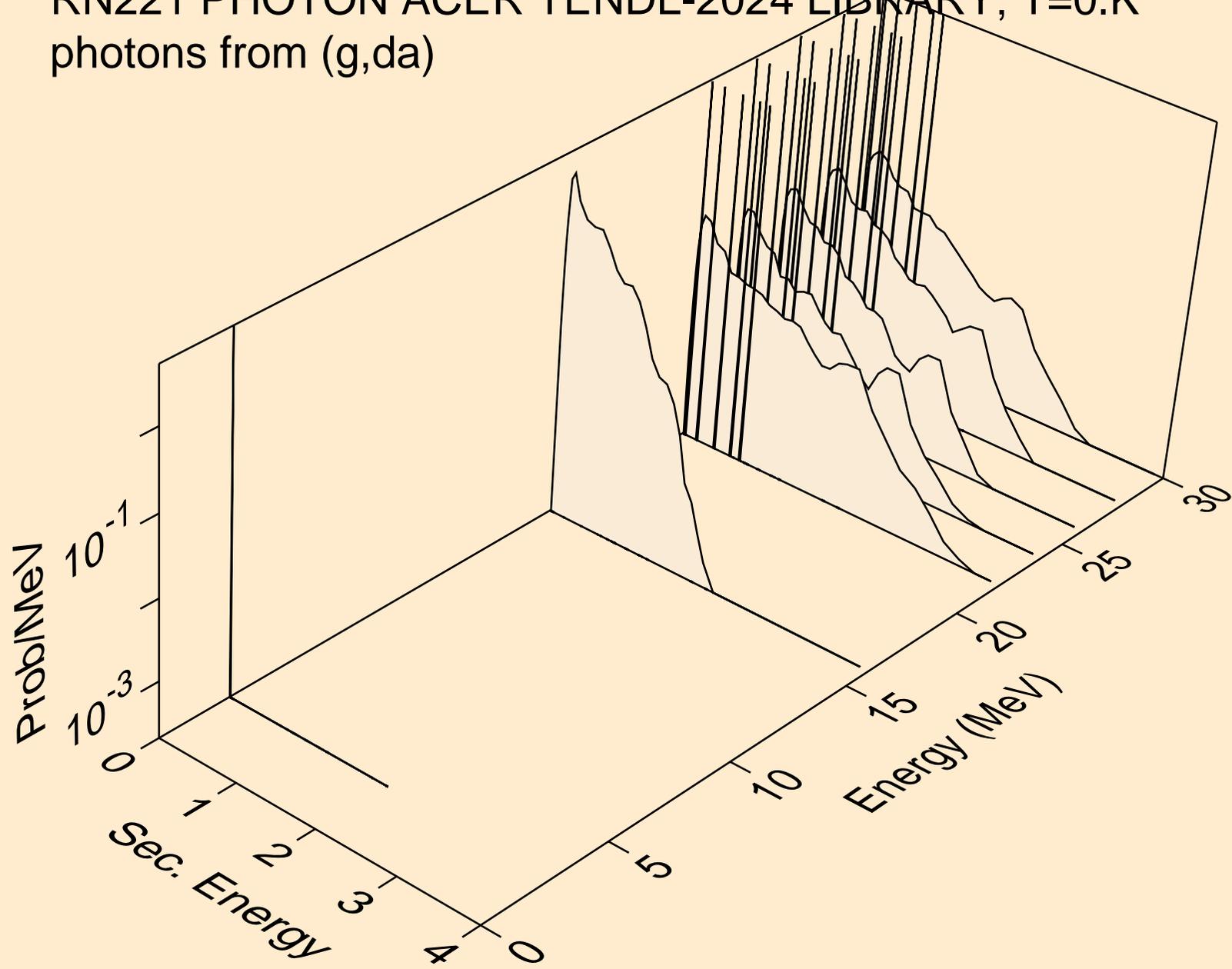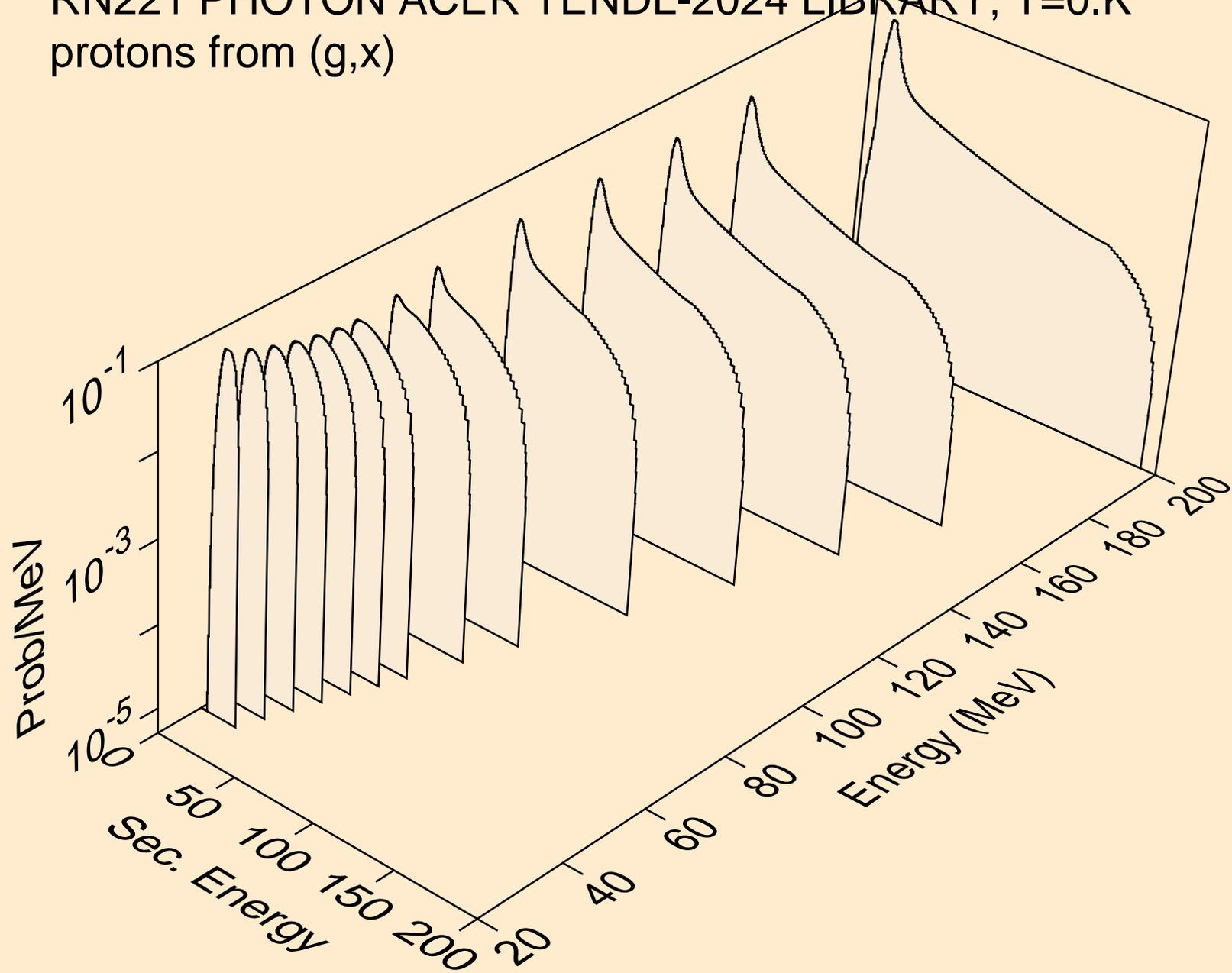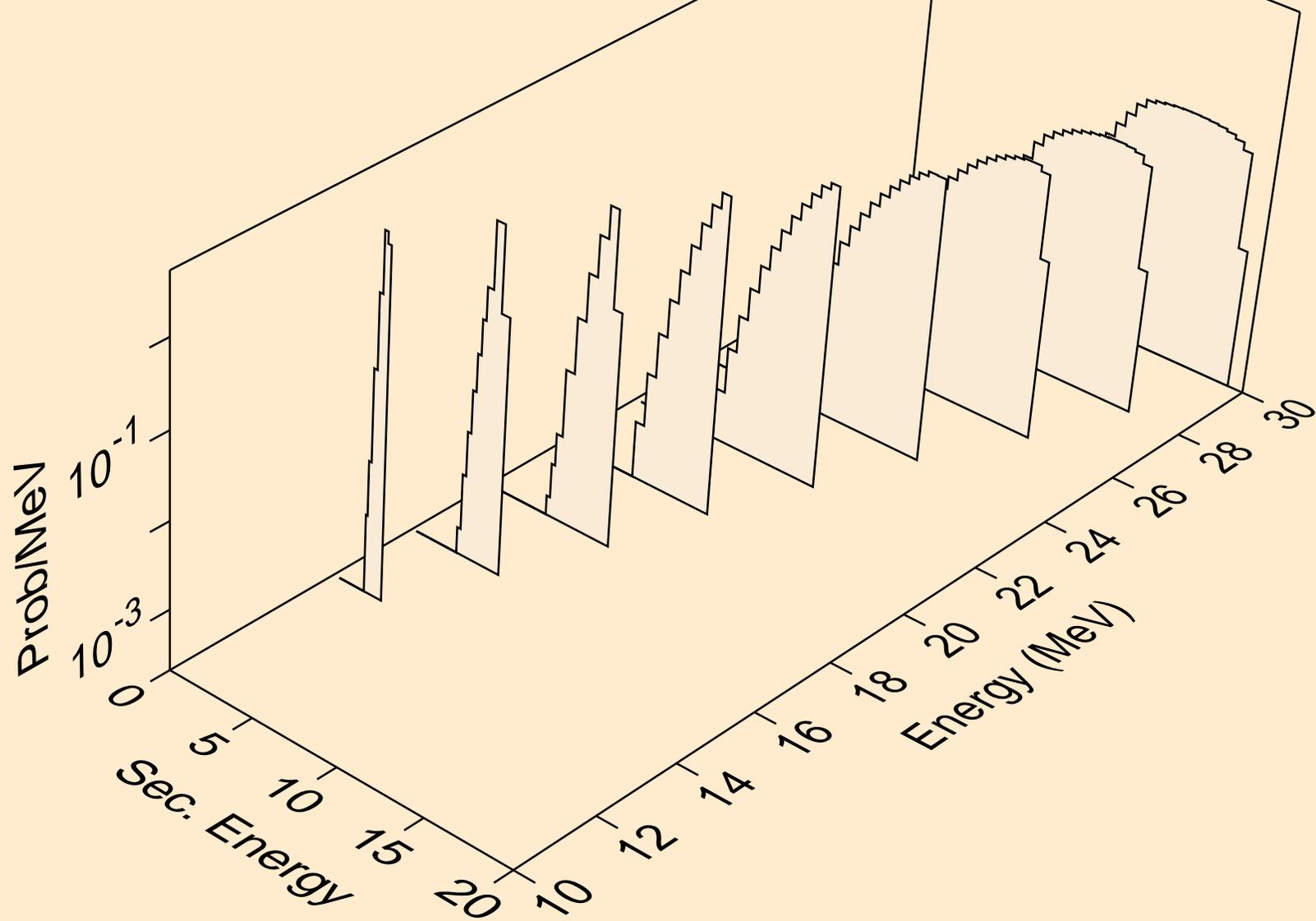
Energy (MeV)

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
photons from (g,da)

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
protons from (g,x)

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
protons from (g,n*)p

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
protons from (g,2np)

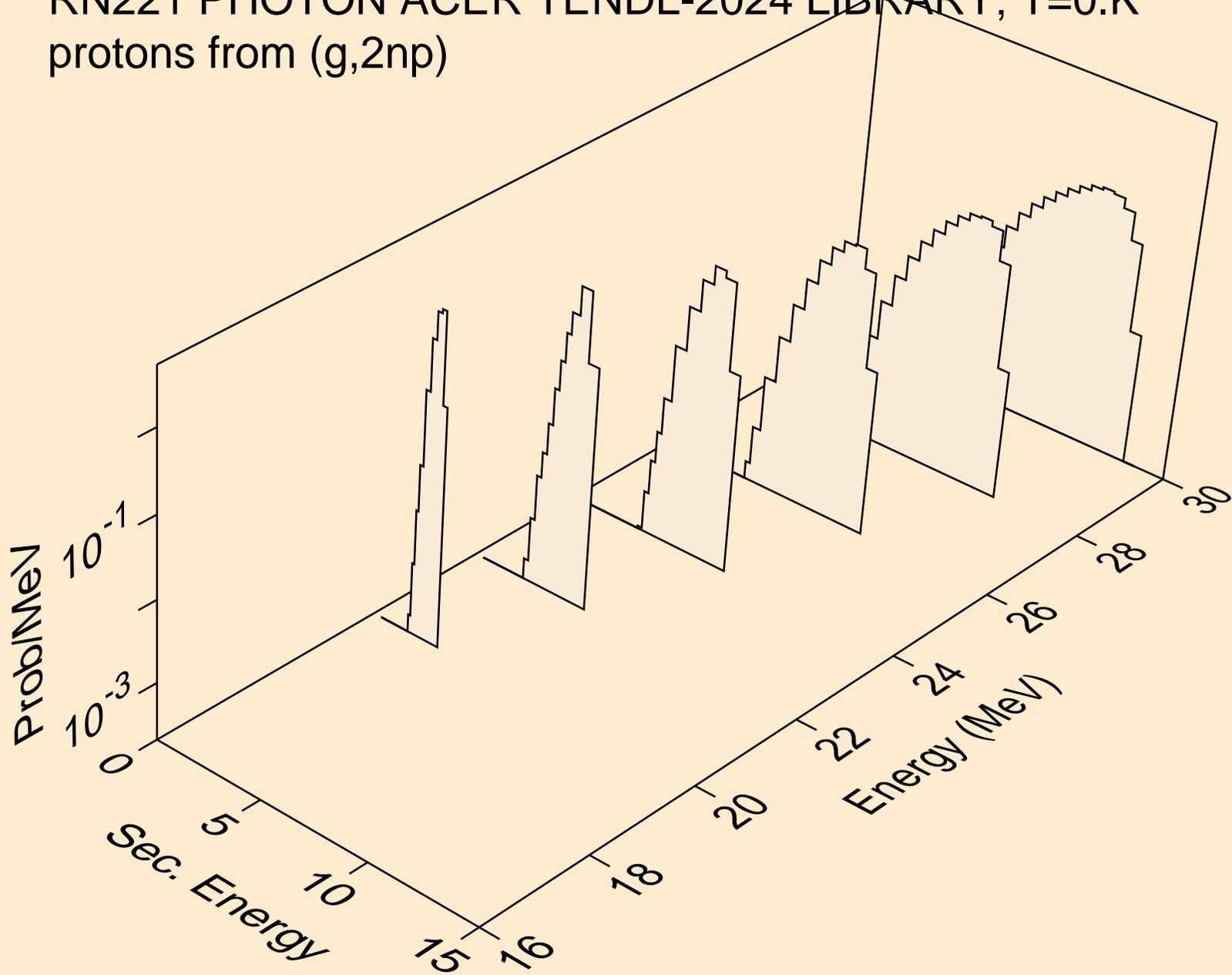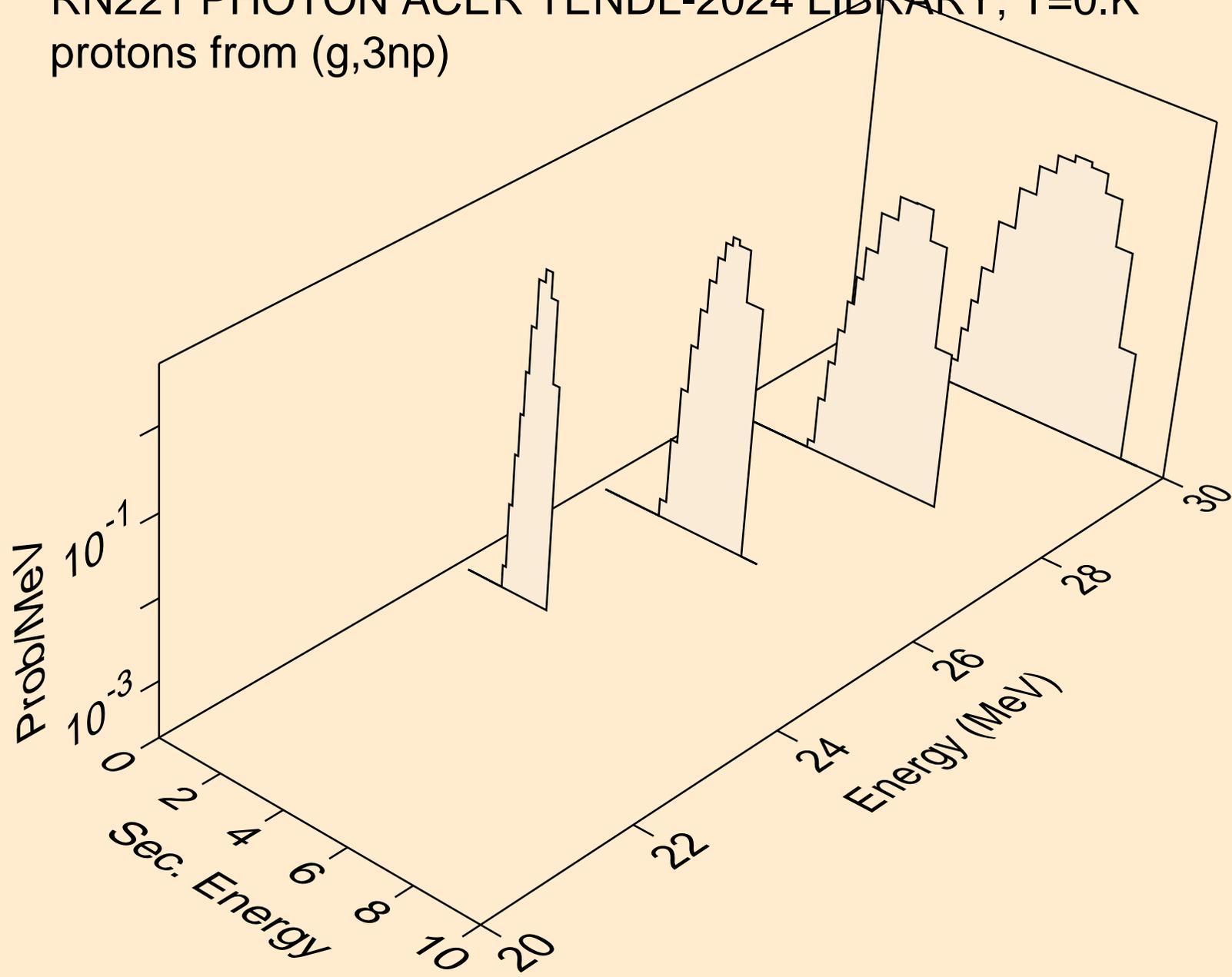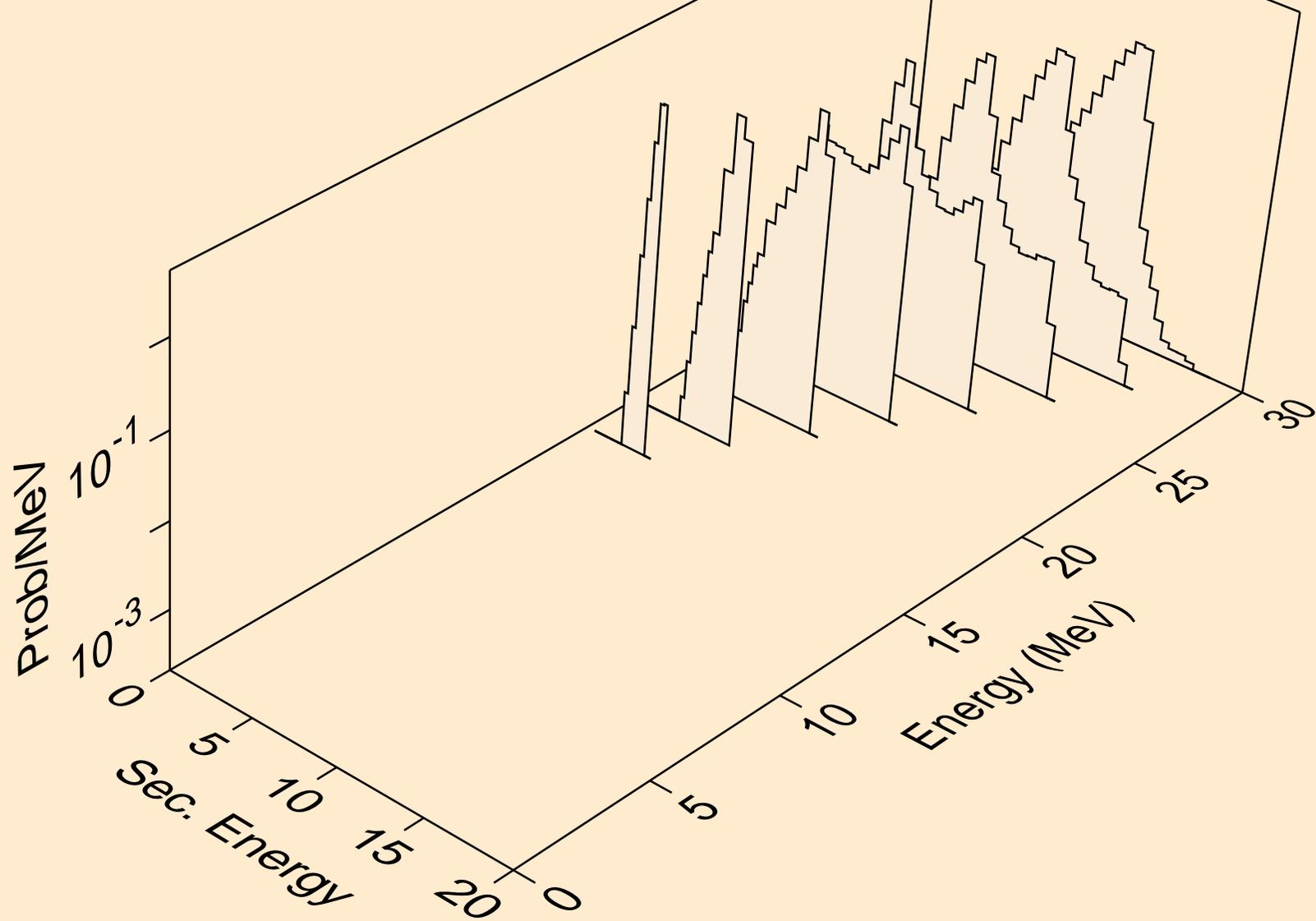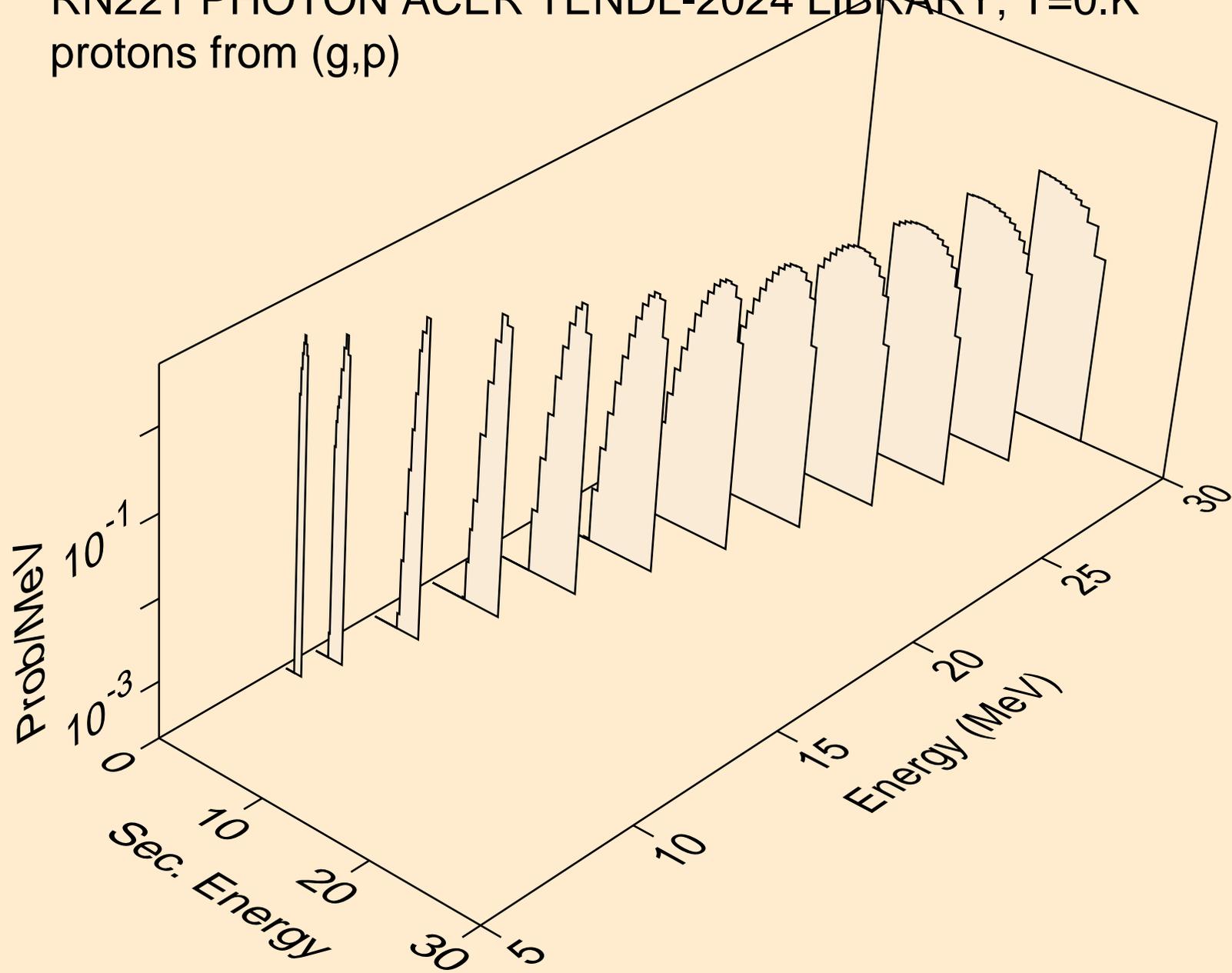RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
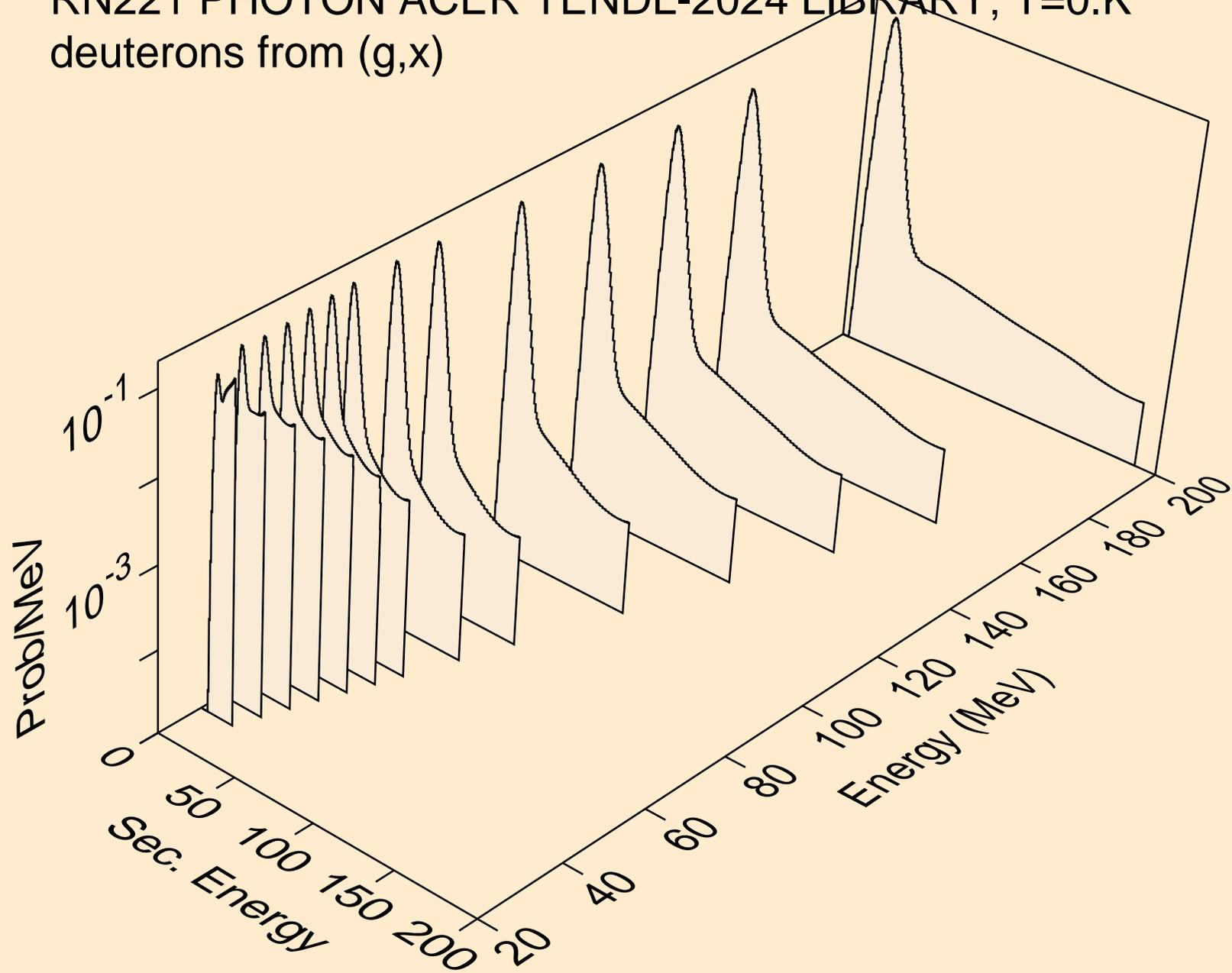protons from (g,3np)

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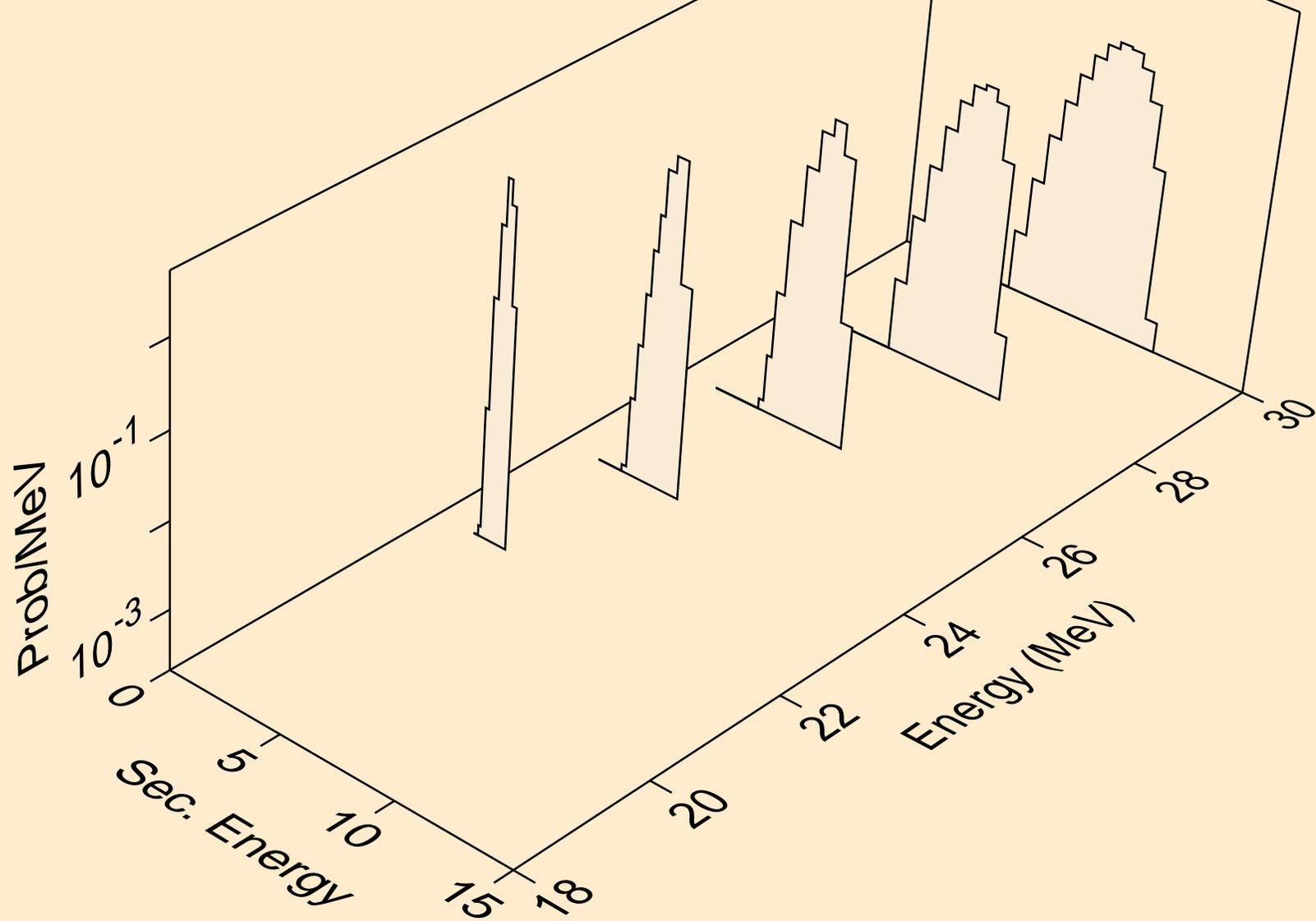protons from (g,npa)

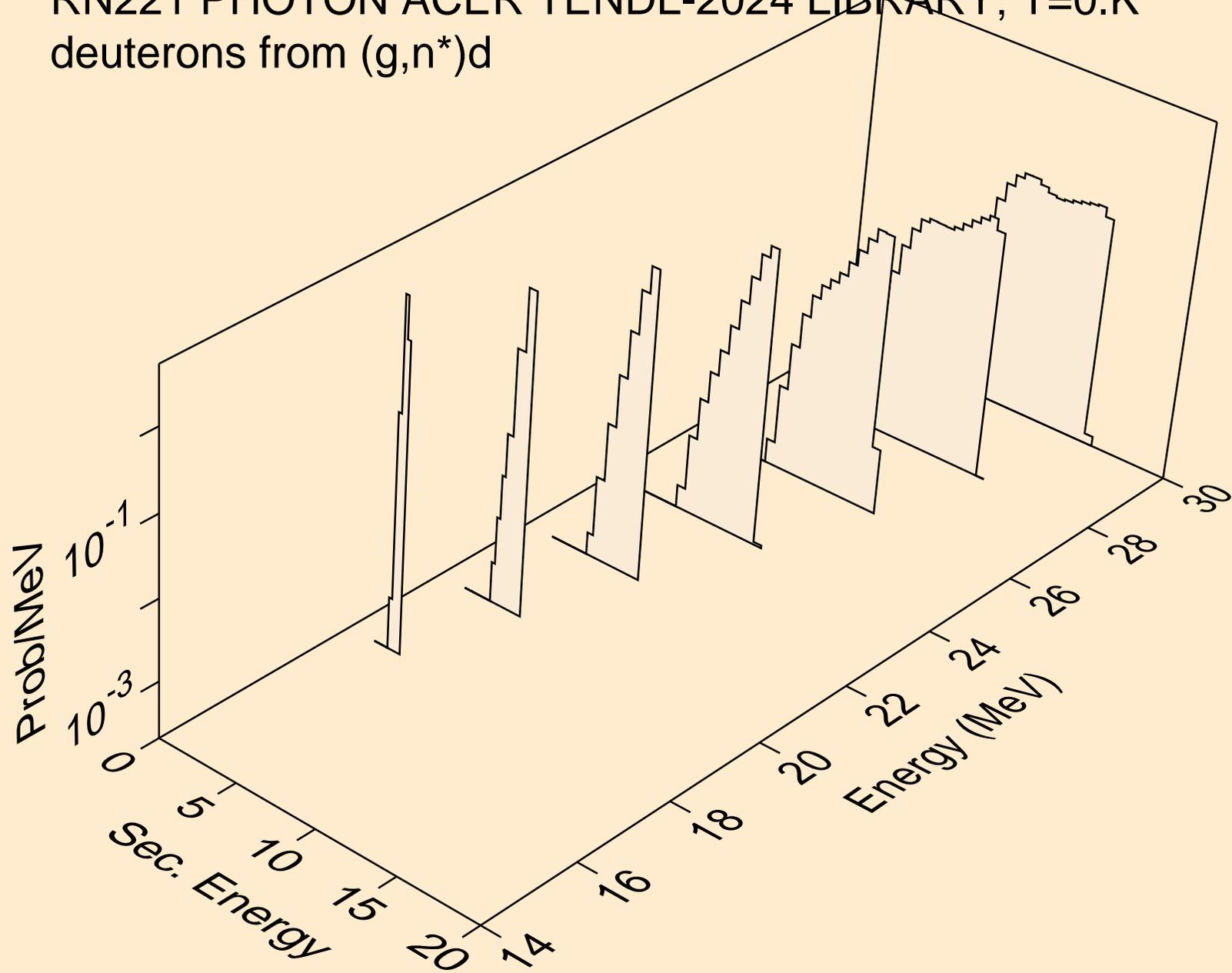RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
protons from (g,p)

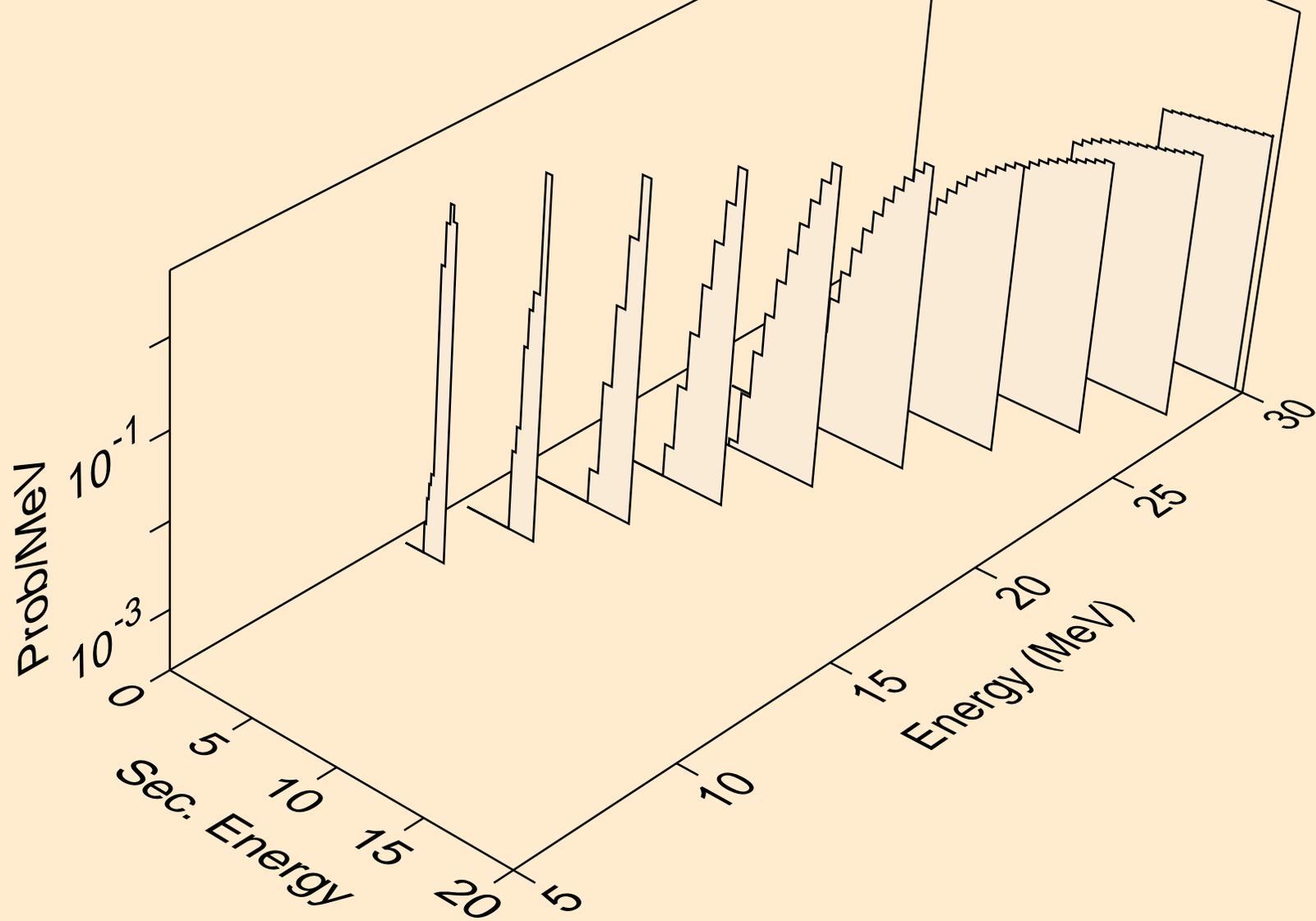RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (g,x)

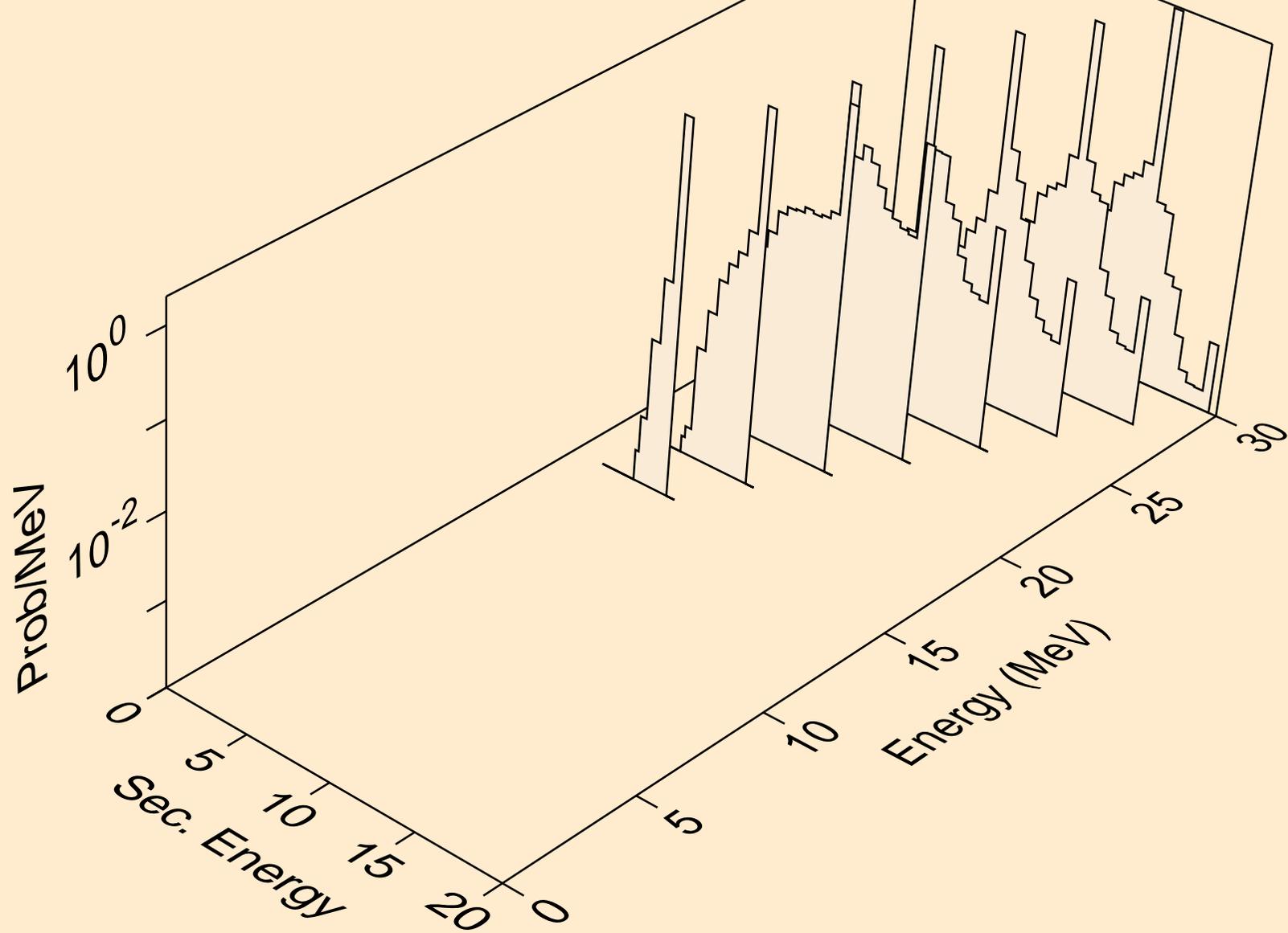RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (g,2nd)

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (g,n*)d

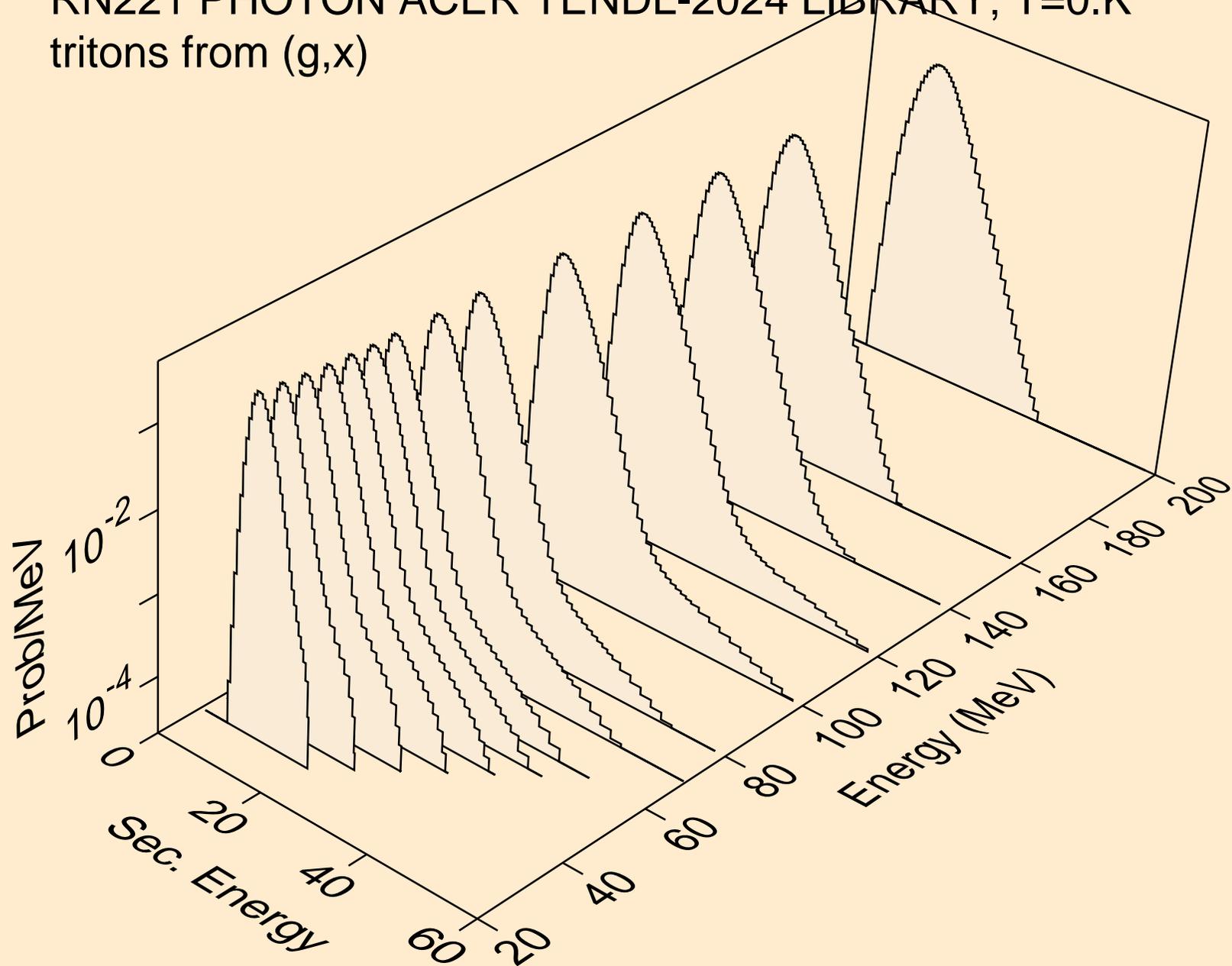Prob/MeV

10^{-1}

10^{-3}

Sec. Energy

Energy (MeV)

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
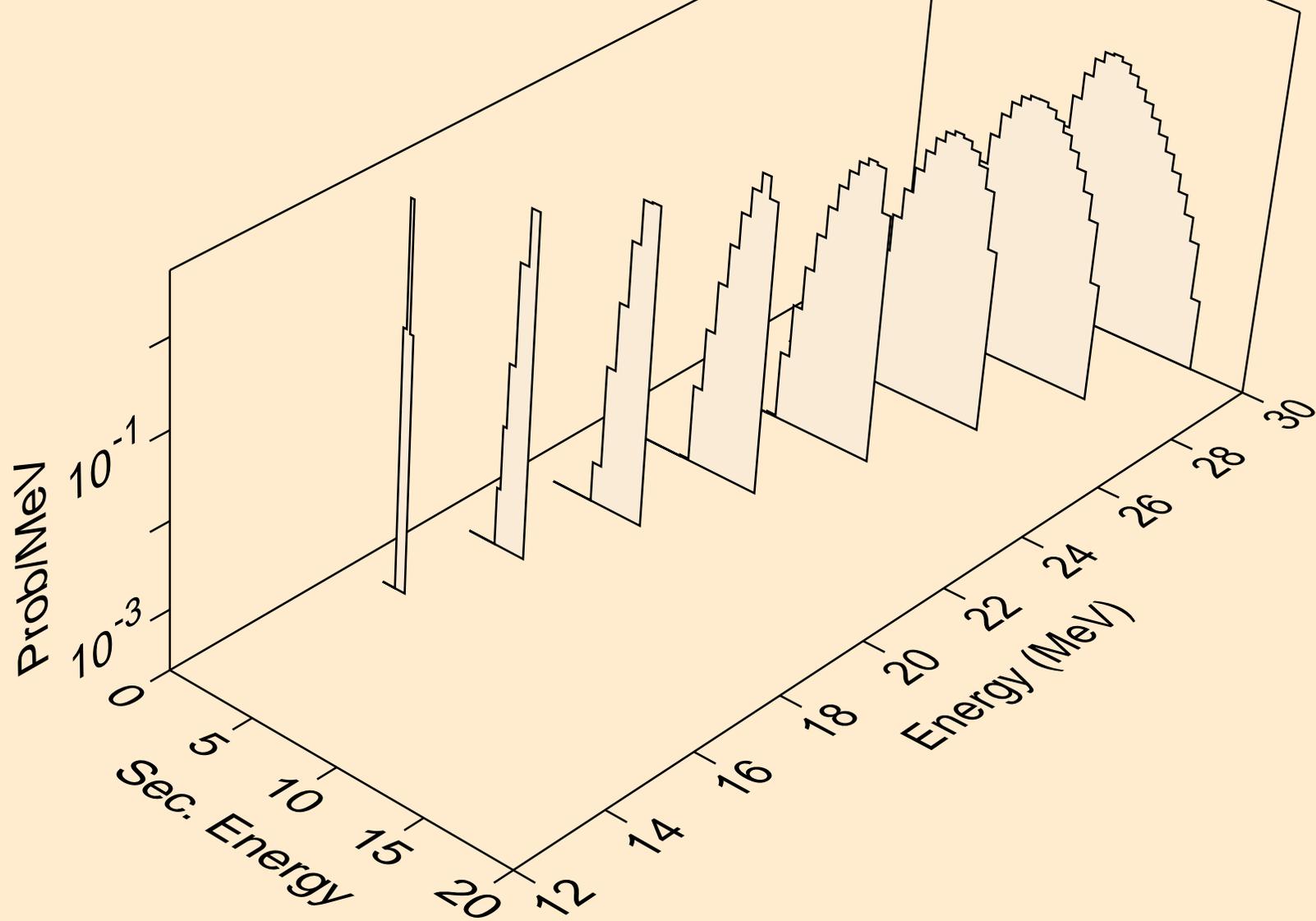deuterons from (g,d)

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (g,da)

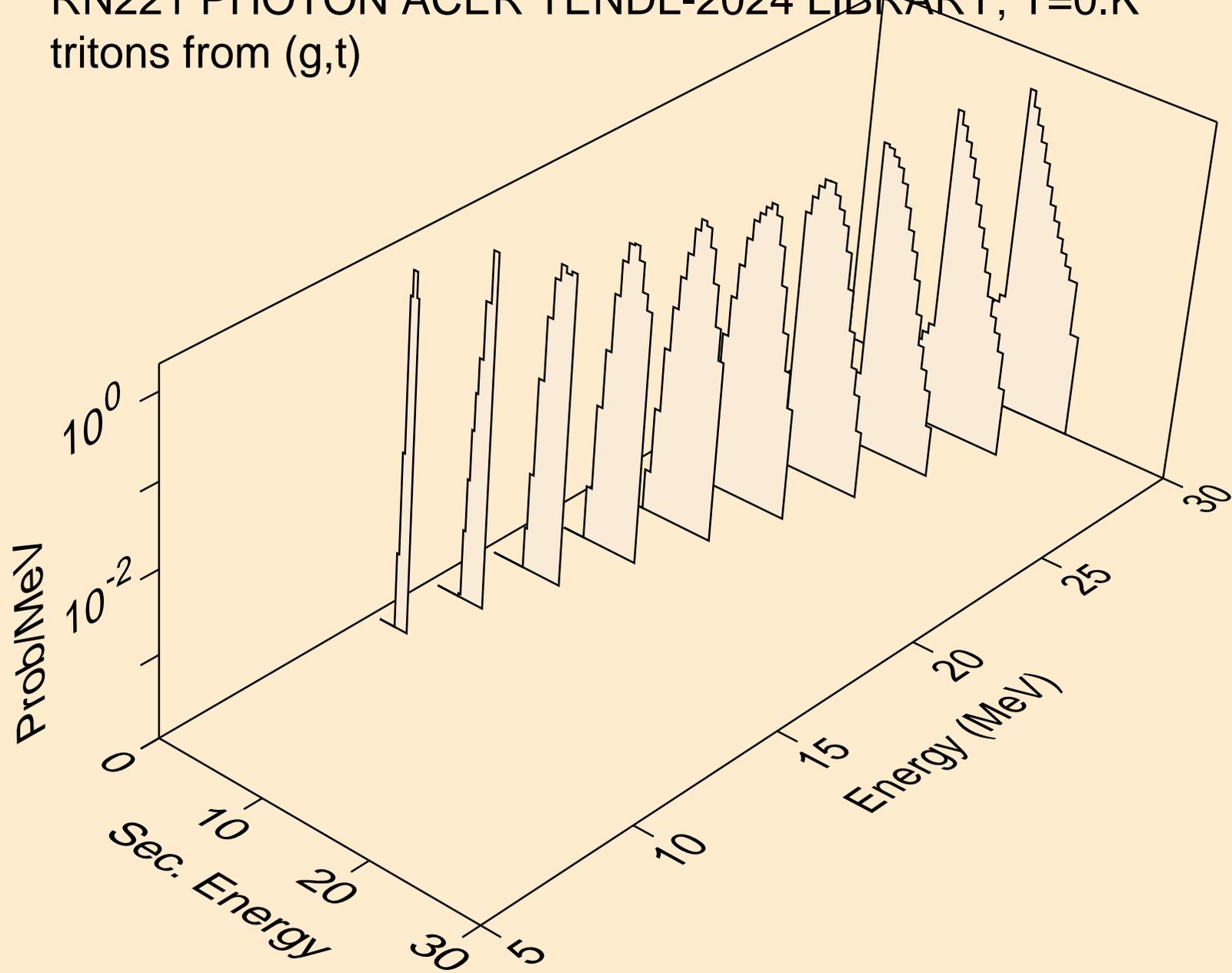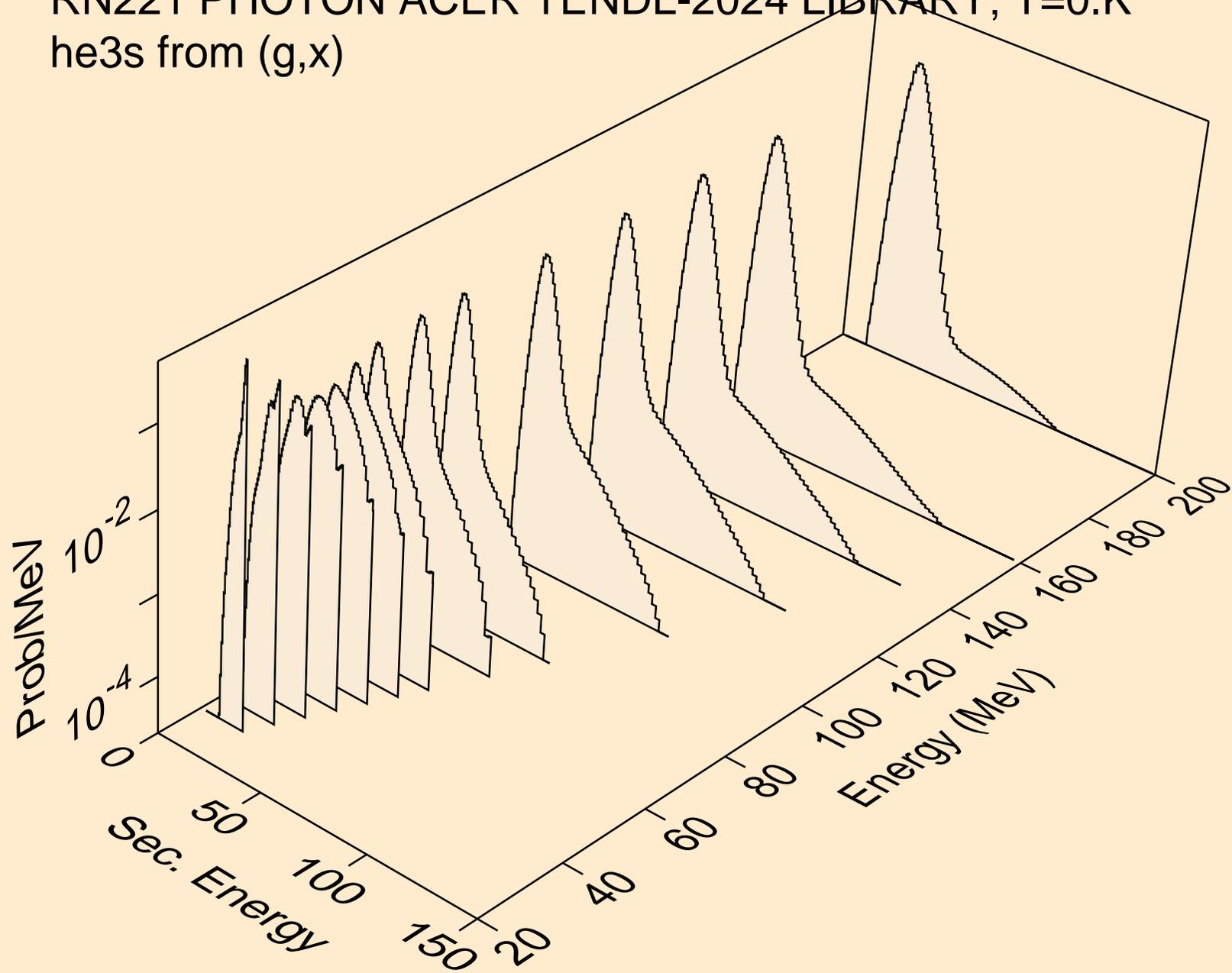RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (g,x)

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
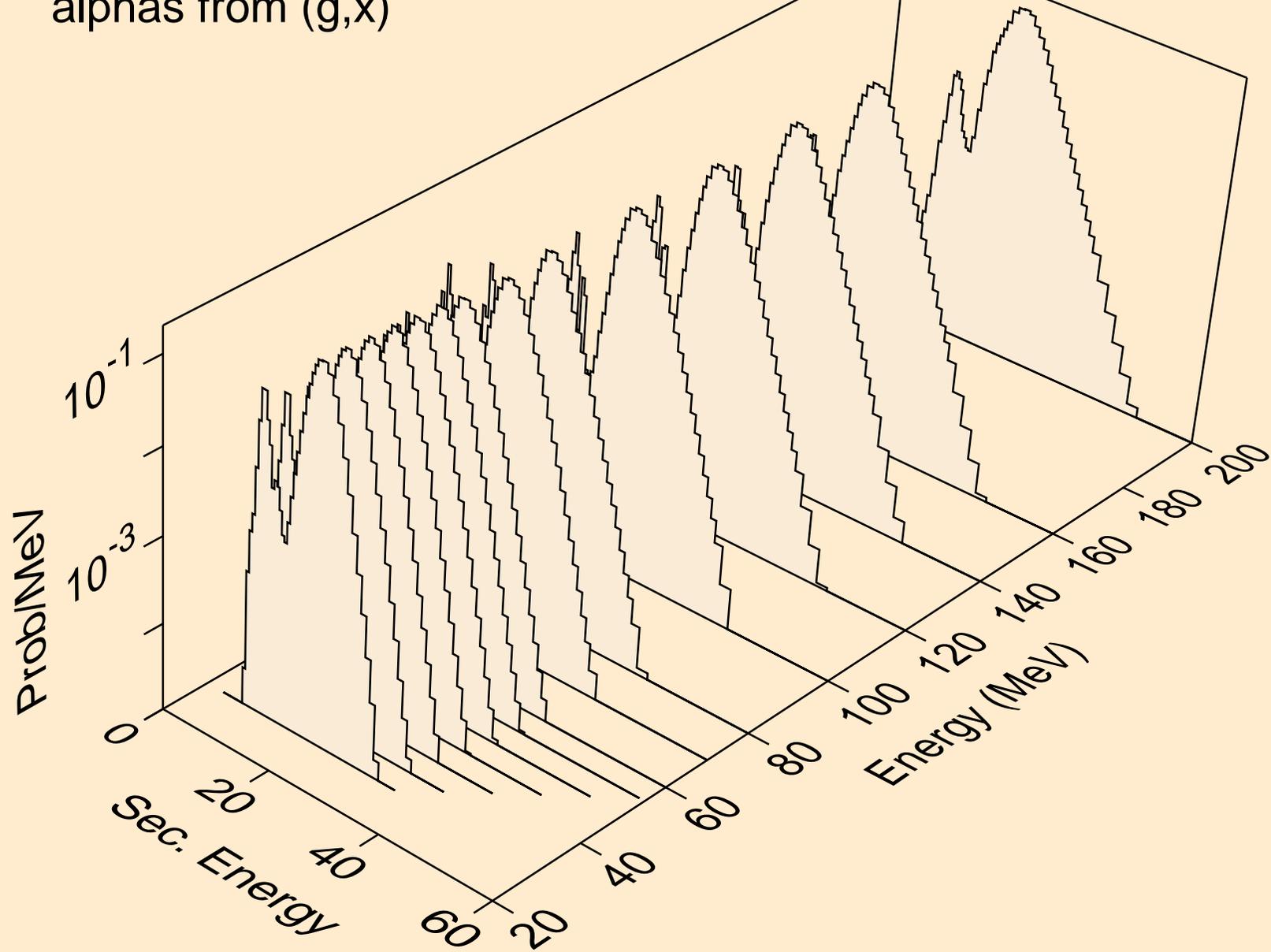tritons from (g,n*)t

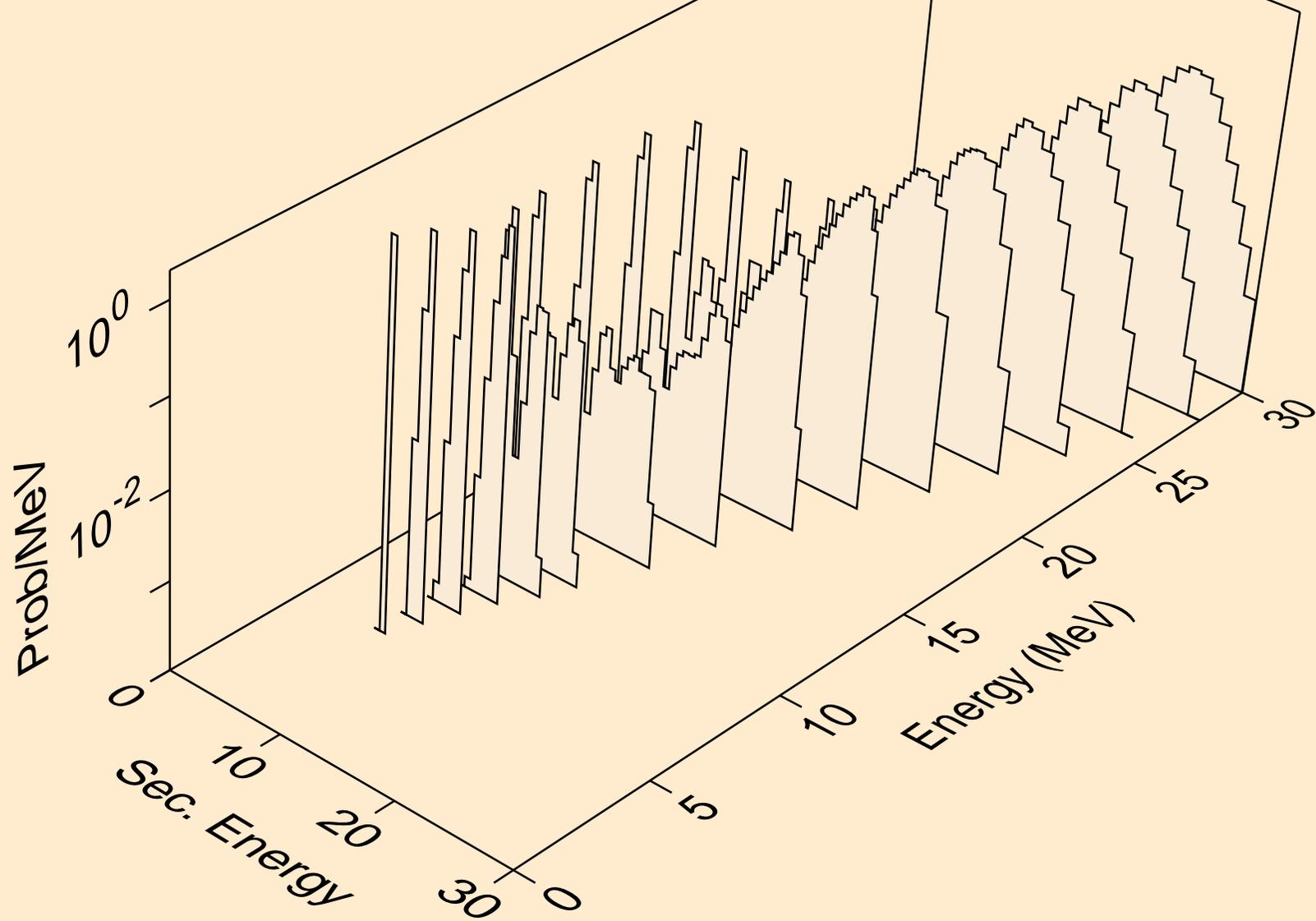RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (g,t)

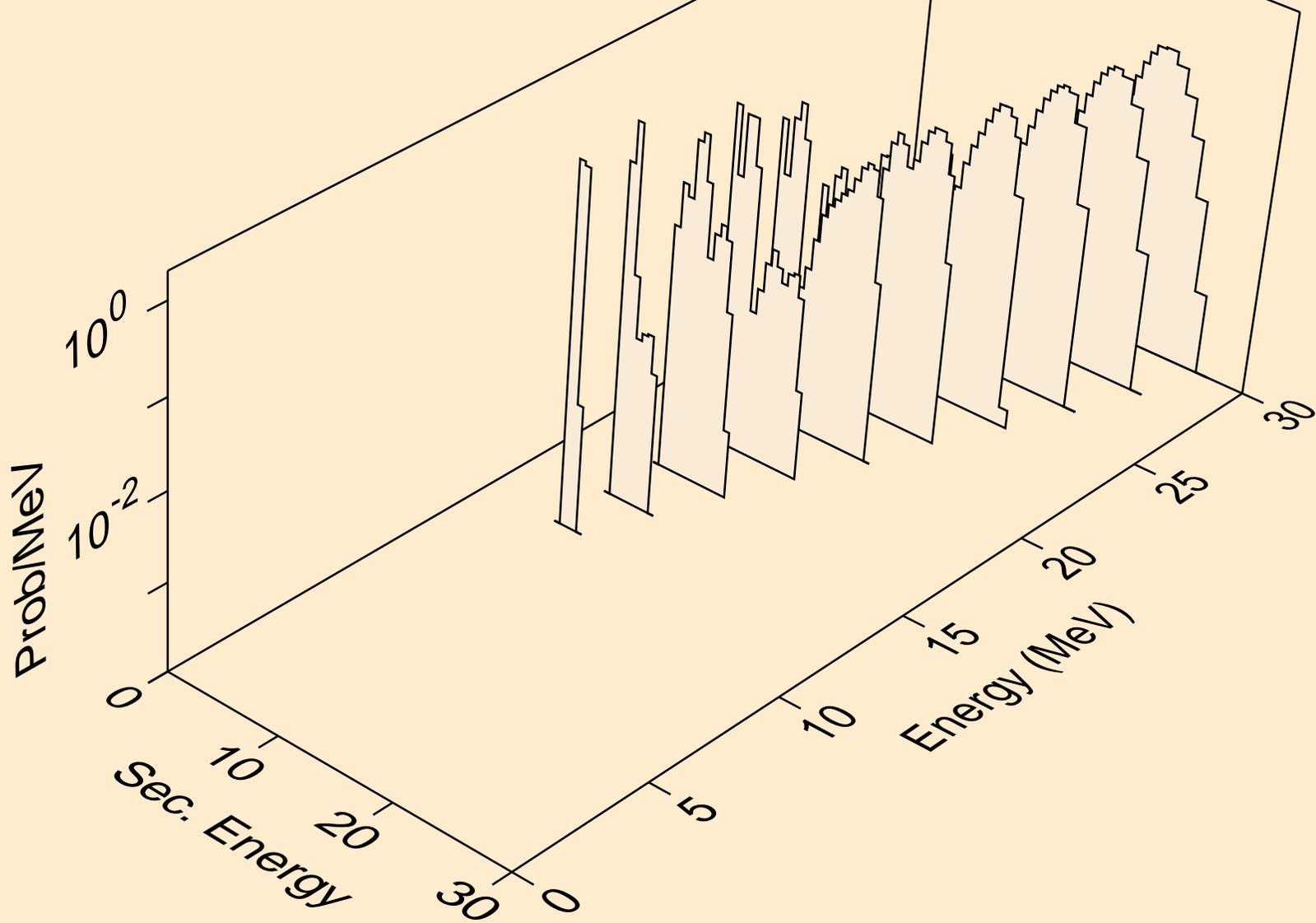RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (g,x)

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
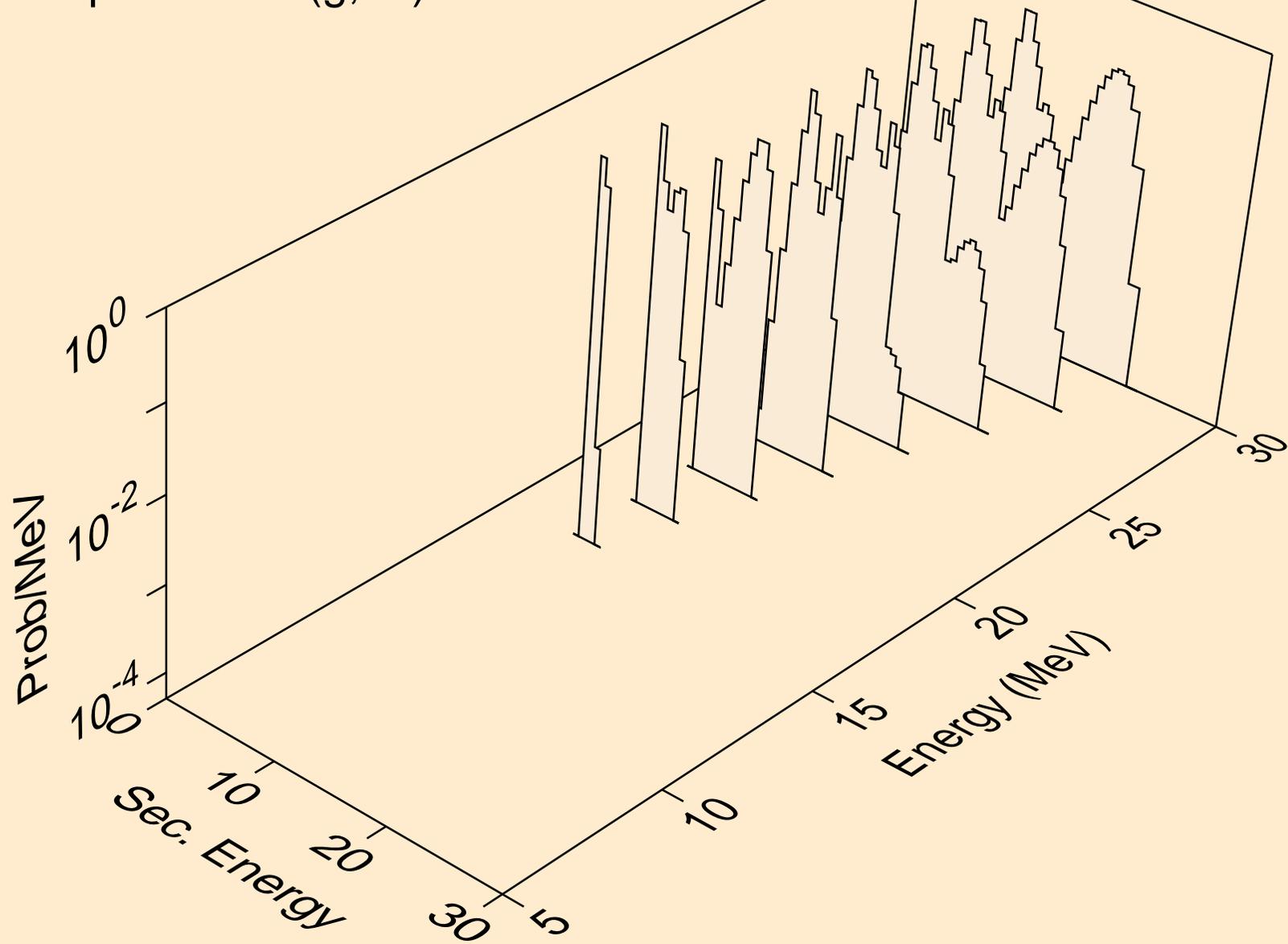alphas from (g,x)

Prob/MeV

10^{-1}

10^{-3}

0

Sec. Energy

20

40

60

Energy (MeV)

20

40

60

80

100

120

140

160

180

200

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (g,n*)a

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (g,2n)a

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (g,3n)a

ProbIMeV

Sec. Energy

Energy (MeV)

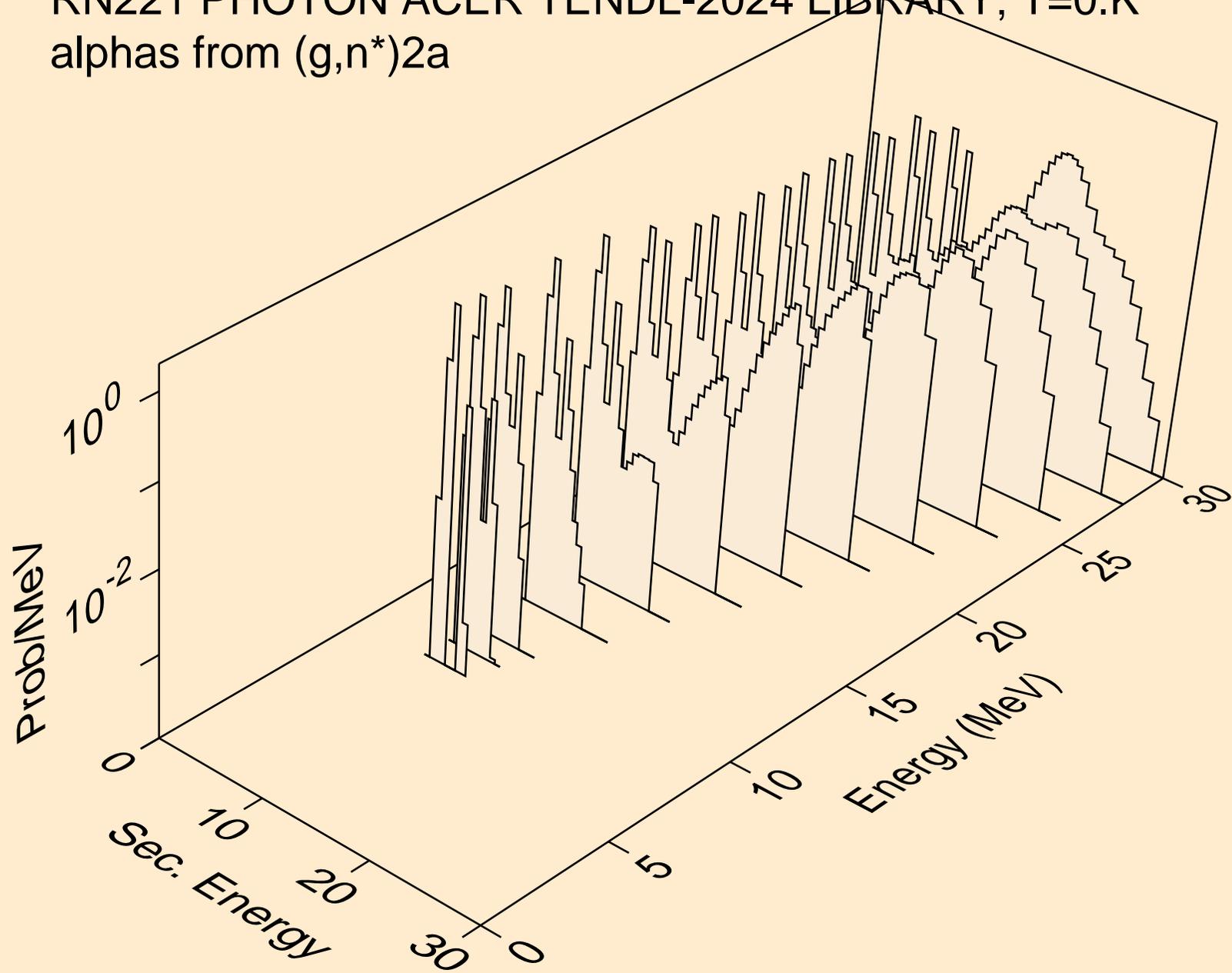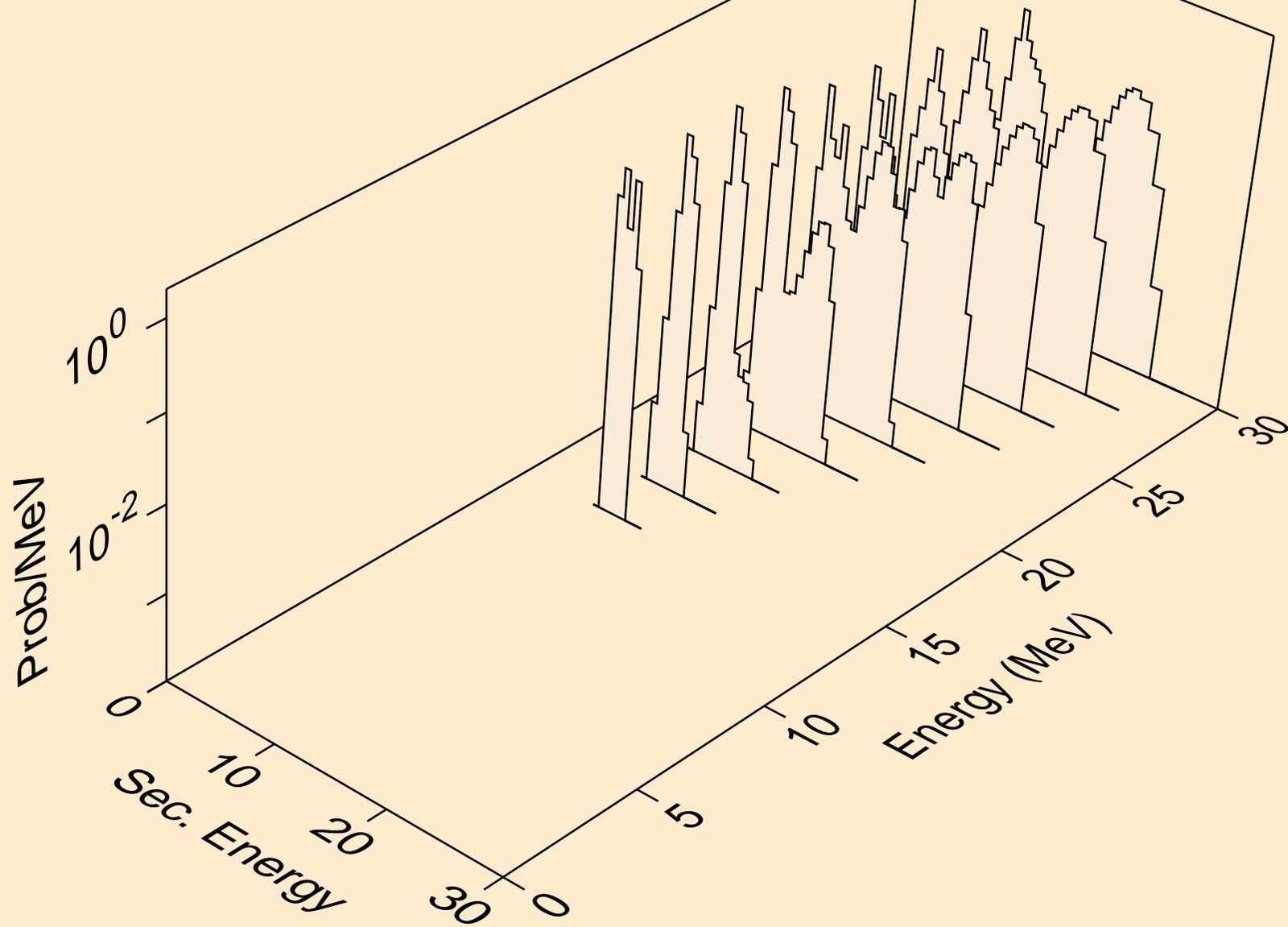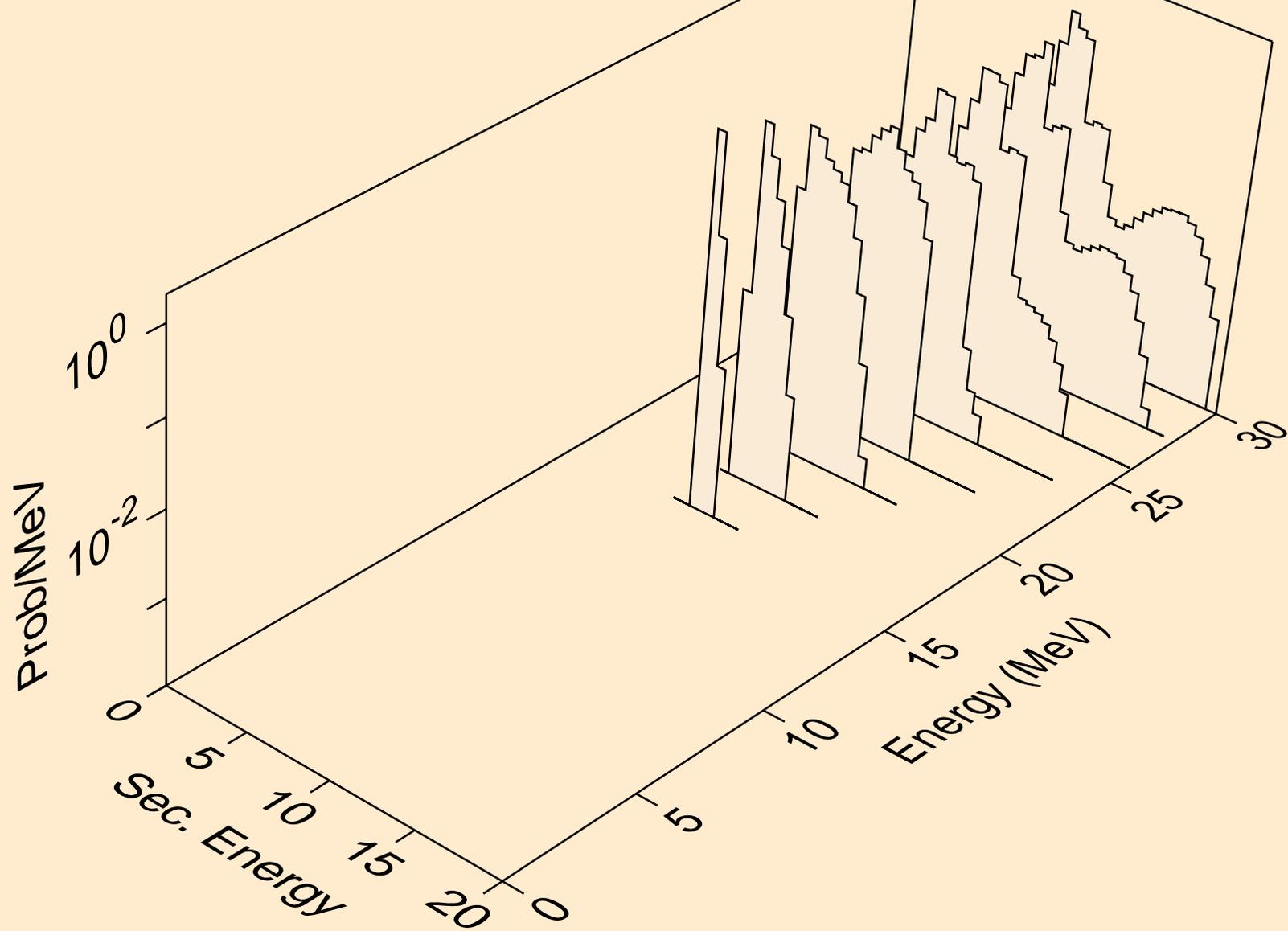RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
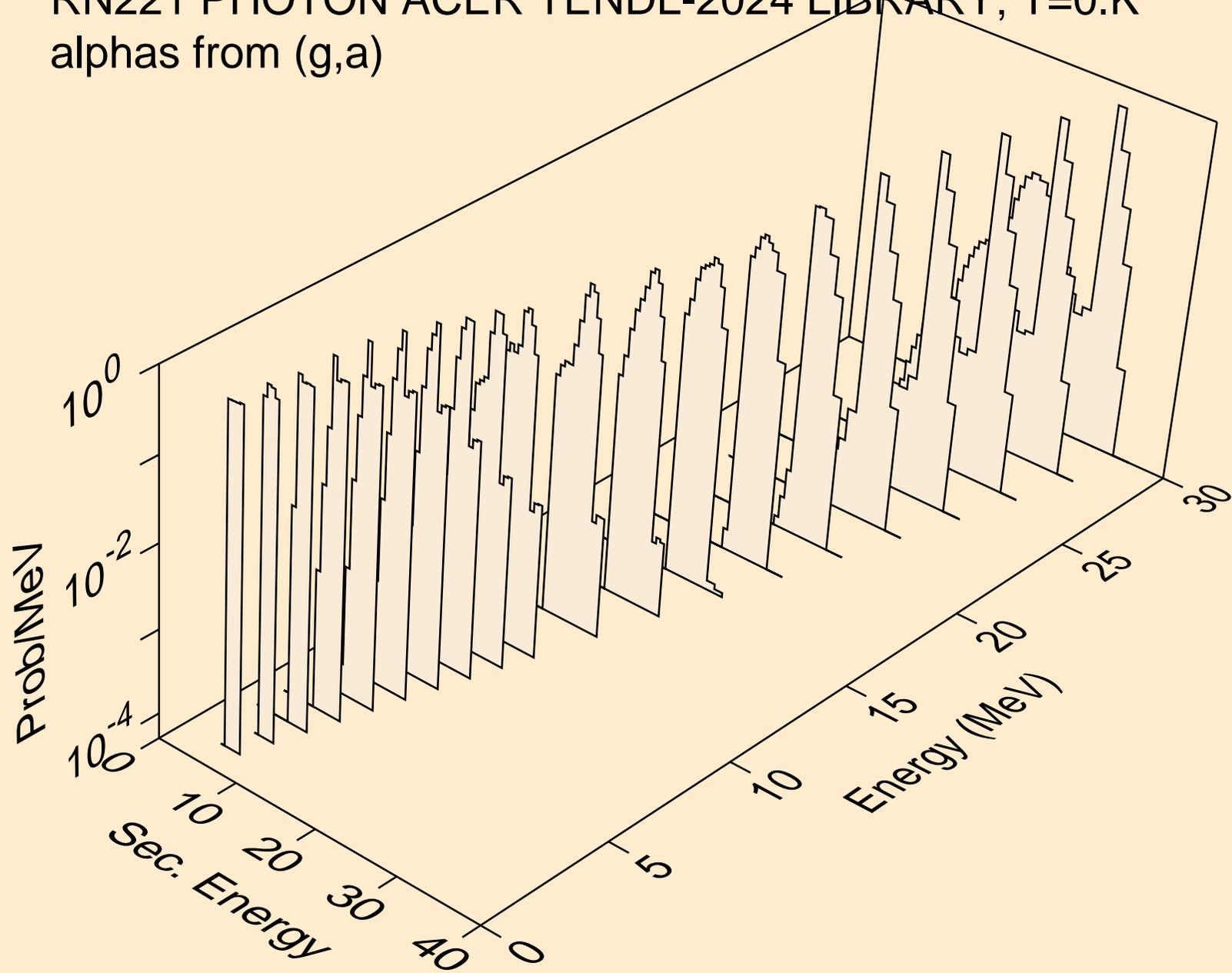alphas from (g,n*)2a

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
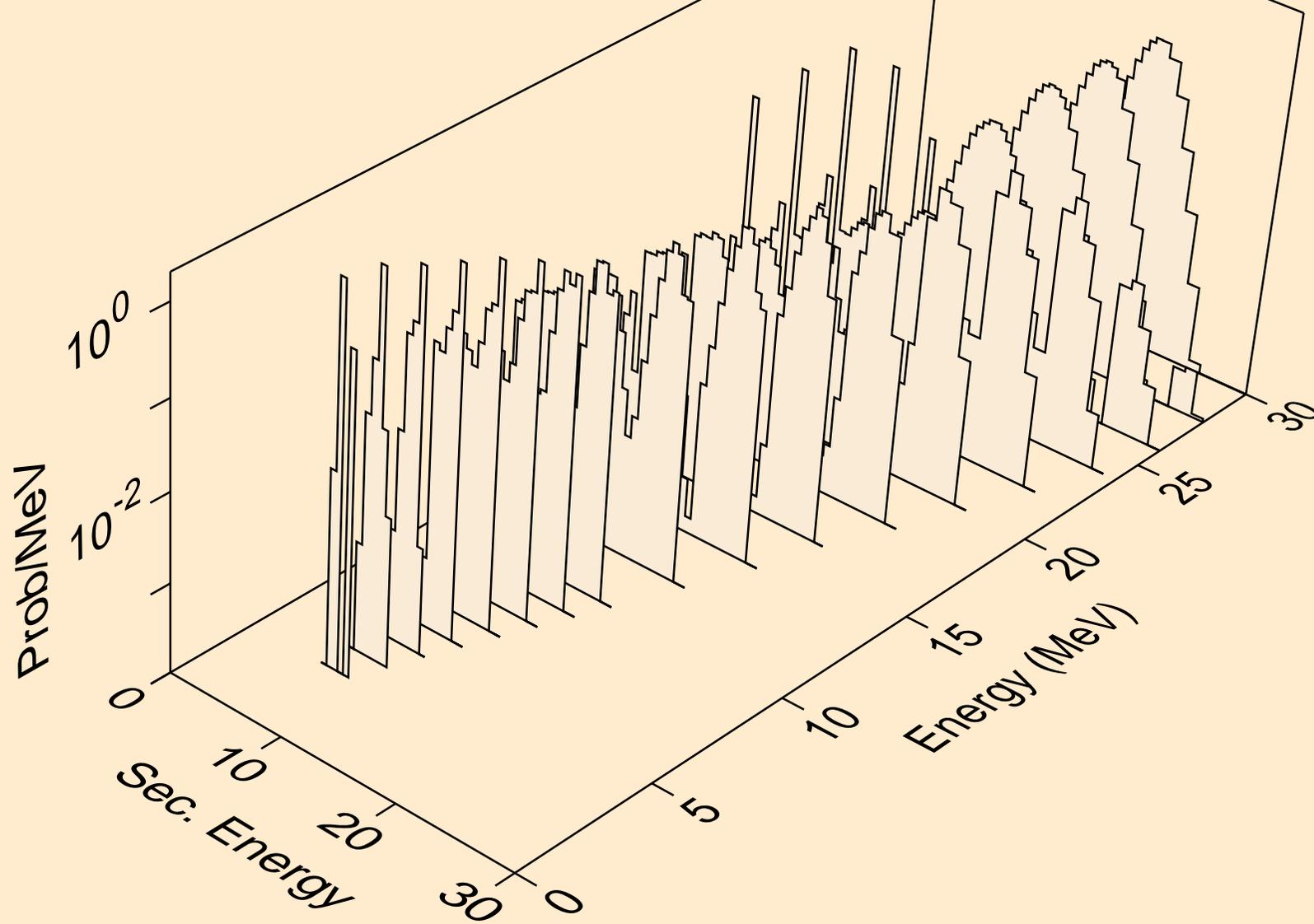alphas from (g,2n)2a

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (g,npa)

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (g,a)

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (g,2a)

RN221 PHOTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (g,da)