

Program EVALPLOT
(Version 2021-1)

by

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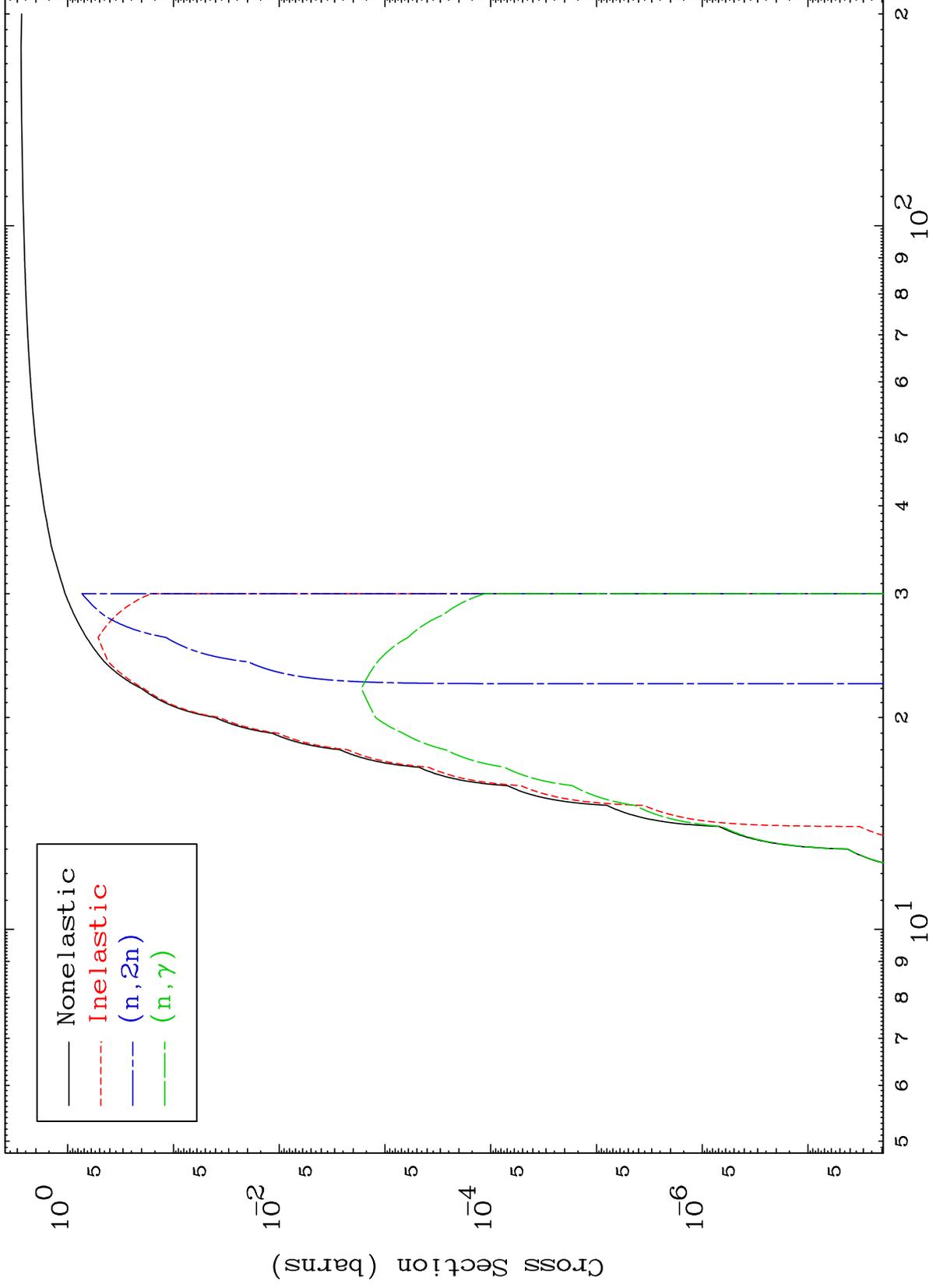
Press Mouse Button to Start

MAT 8211

0 Kelvin

α Major Cross Sections

82-Pb-199m



1

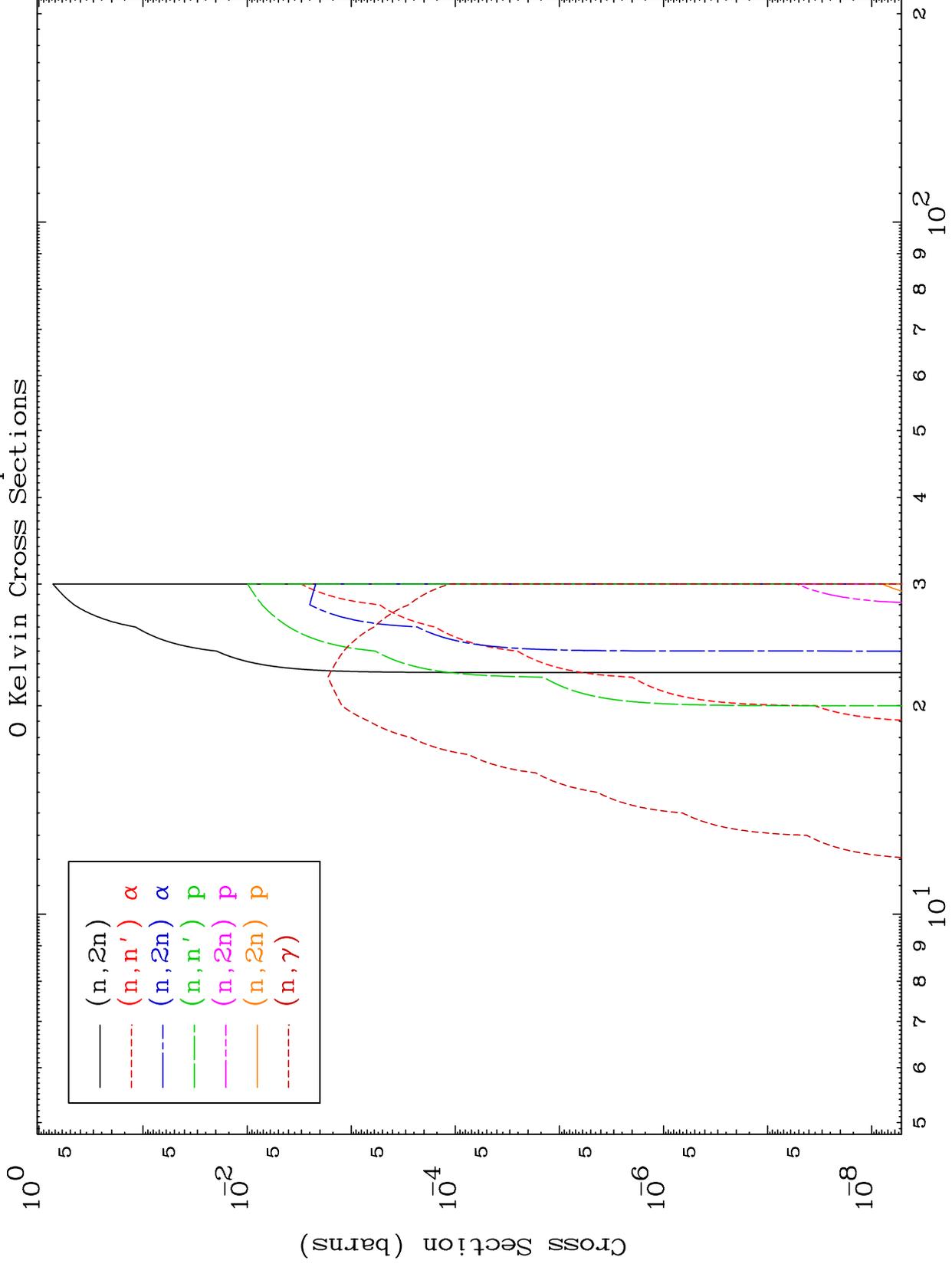
Incident Energy (MeV)

82-Pb-199m

MAT 8211

α Neutron Absorption
0 Kelvin Cross Sections

82-Pb-199m



2

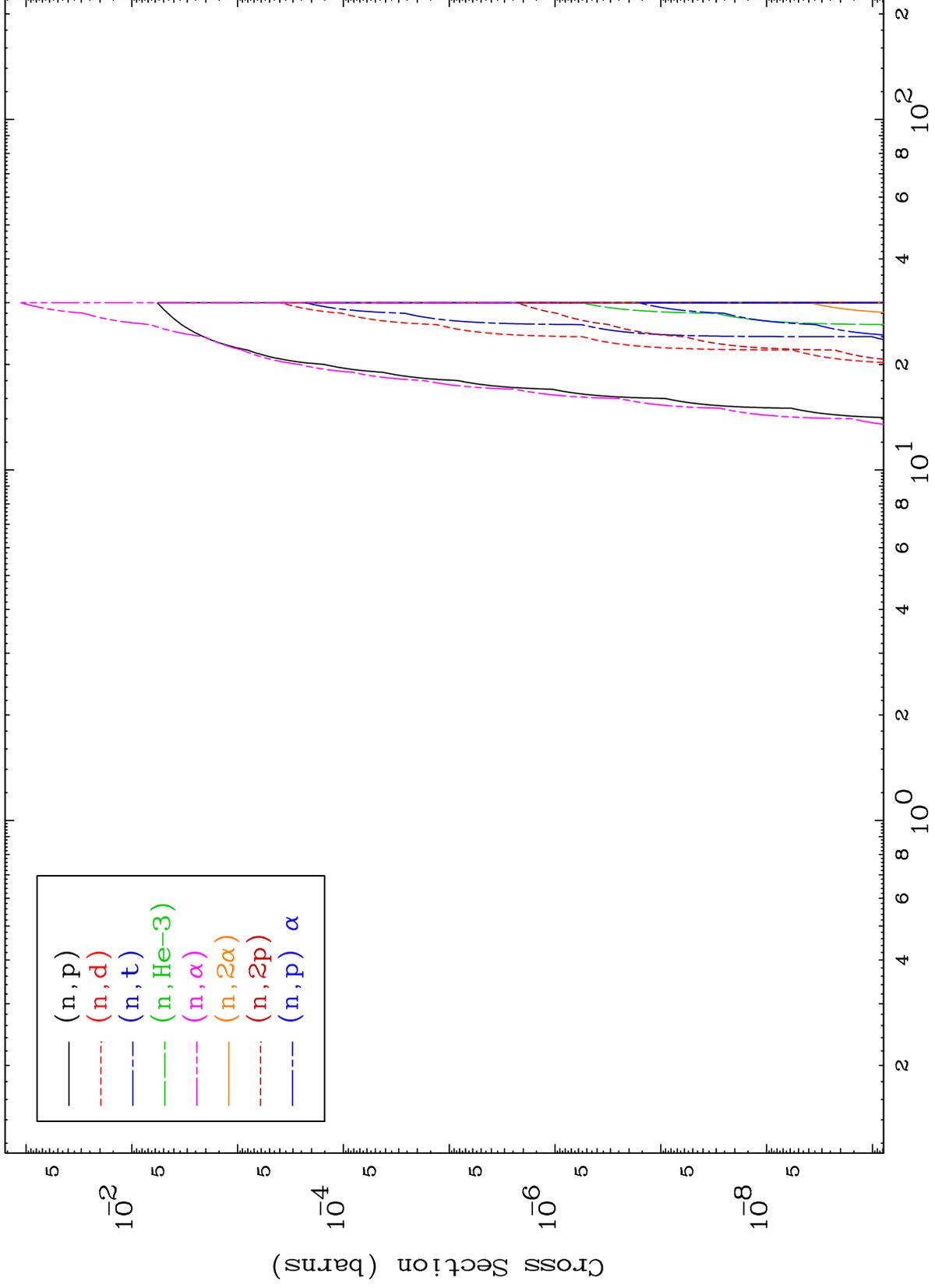
Incident Energy (MeV)

82-Pb-199m

MAT 8211

α Neutron Absorption
0 Kelvin Cross Sections

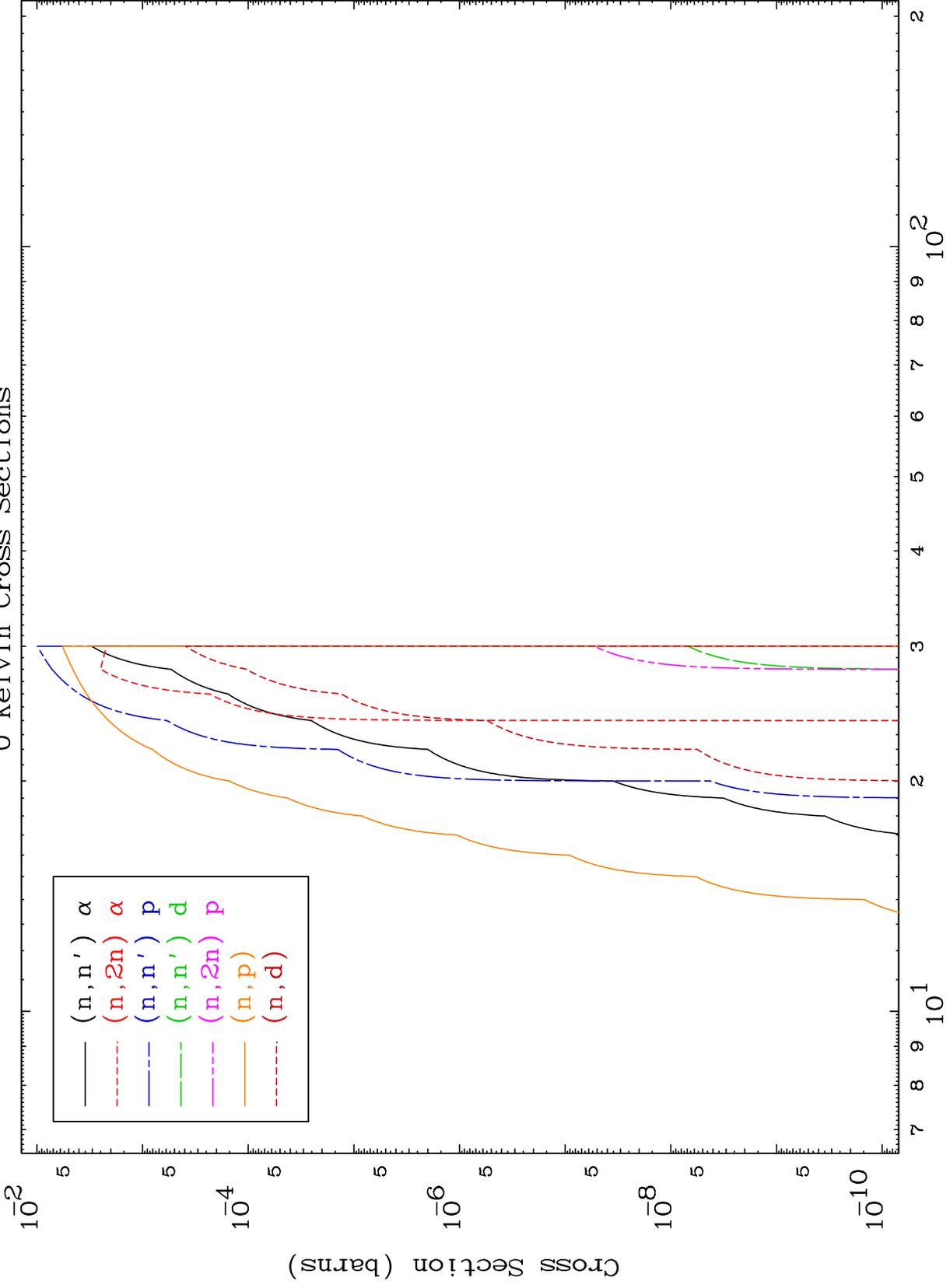
82-Pb-199m



MAT 8211

α Charged Particle
0 Kelvin Cross Sections

82-Pb-199m

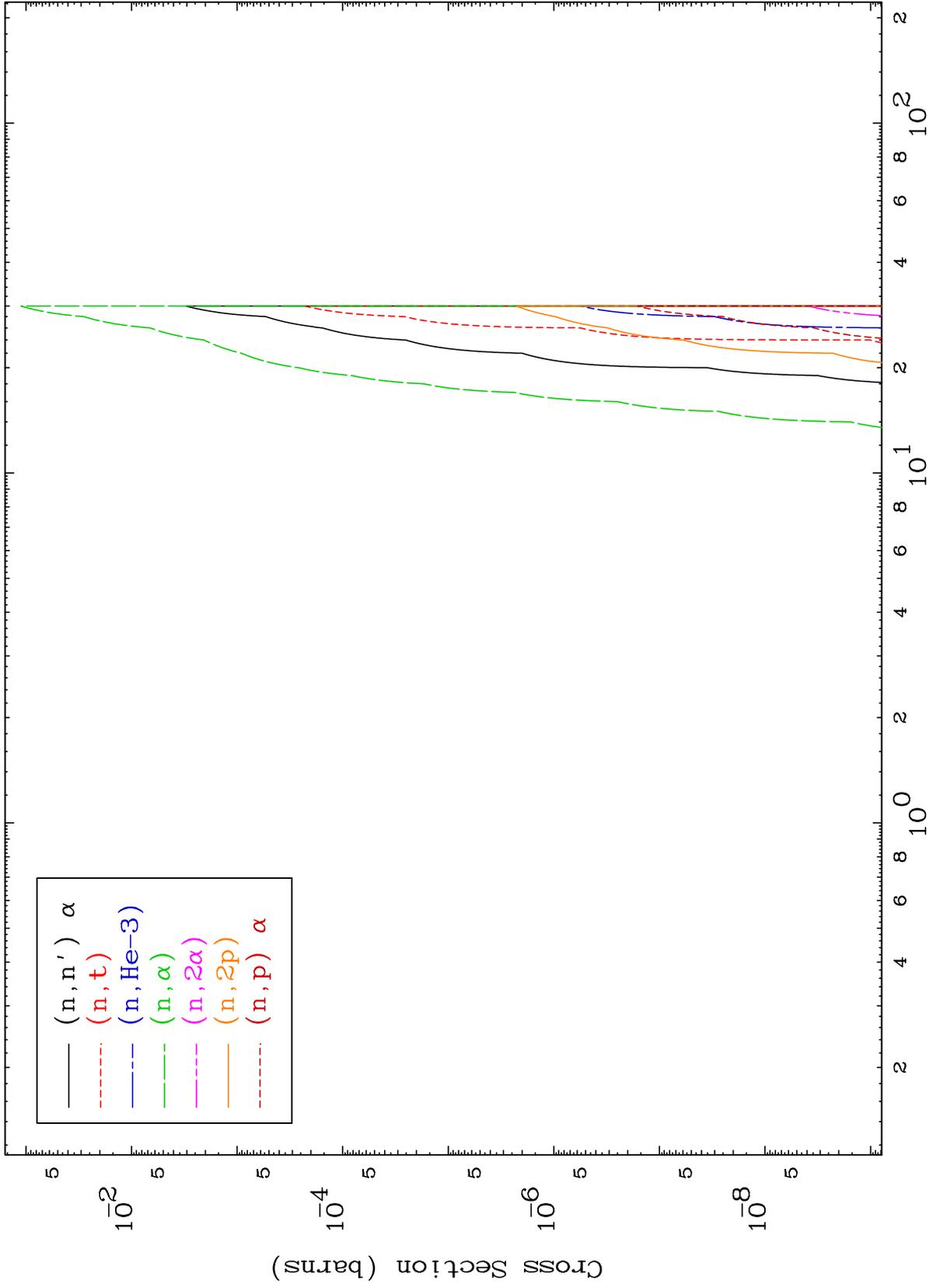


4

Incident Energy (MeV)

82-Pb-199m

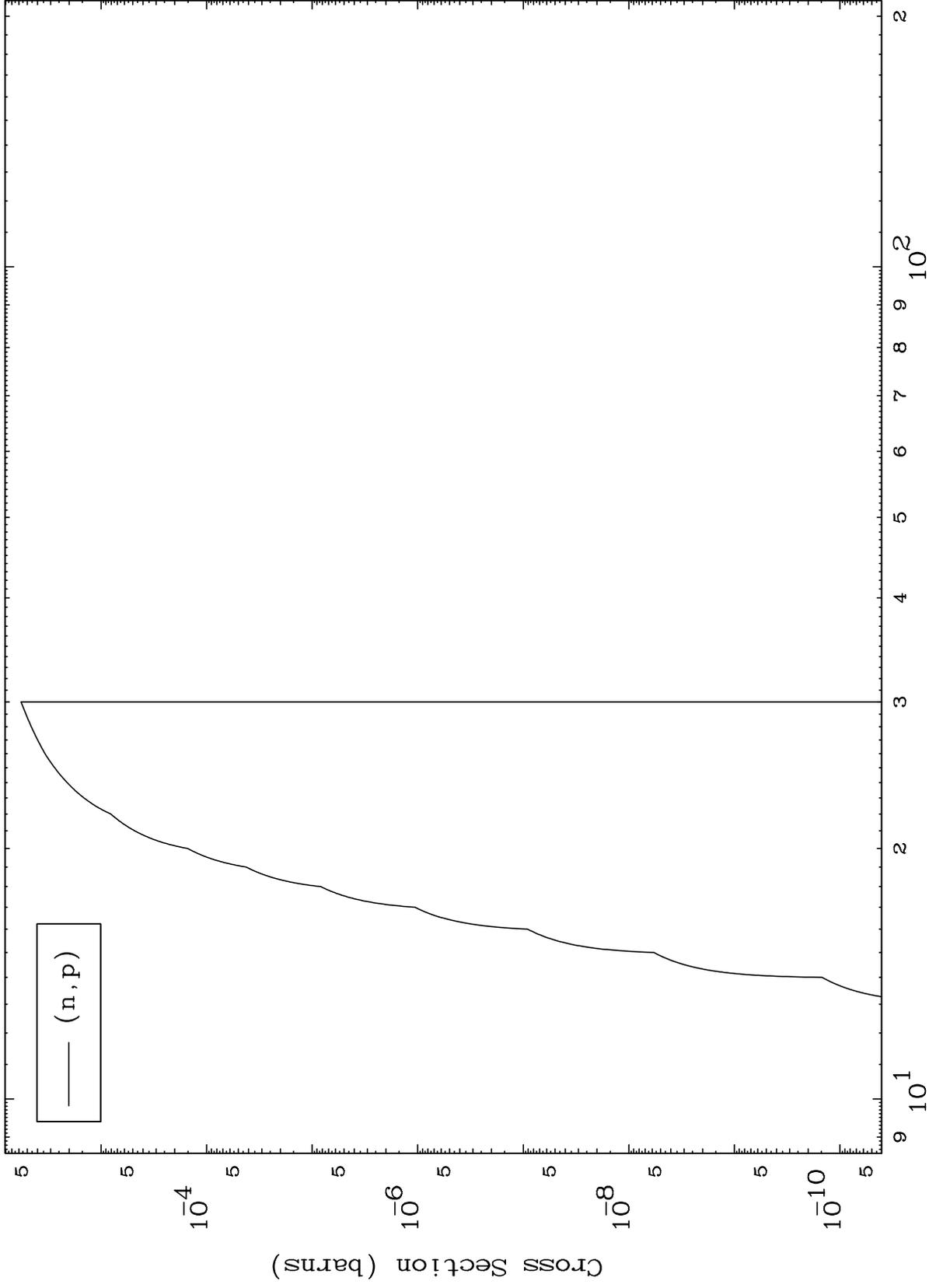
0 Kelvin Cross Sections



MAT 8211

(α, p) Levels
0 Kelvin Cross Sections

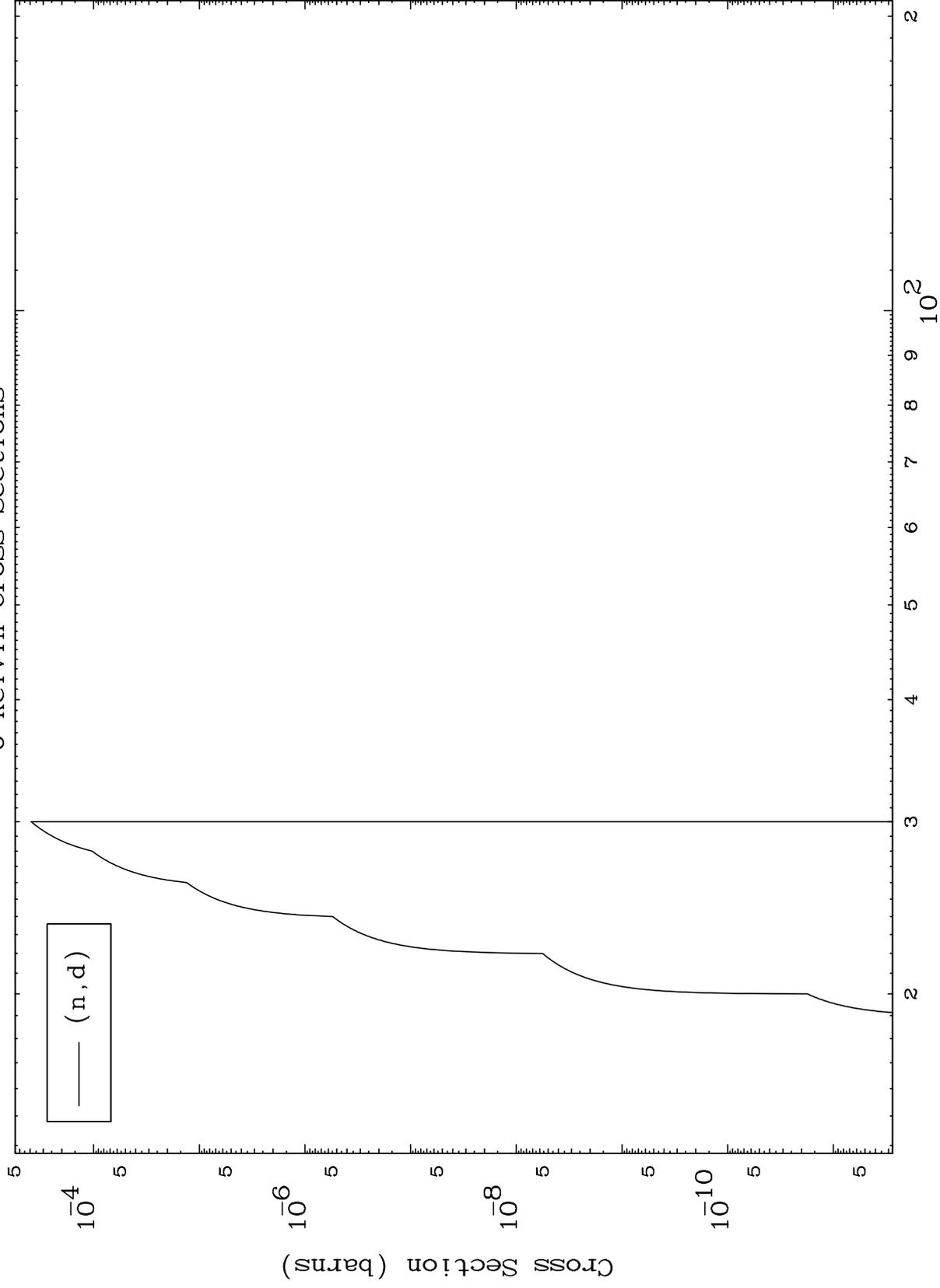
82-Pb-199m



MAT 8211

(α, d) Levels
0 Kelvin Cross Sections

82-Pb-199m



7

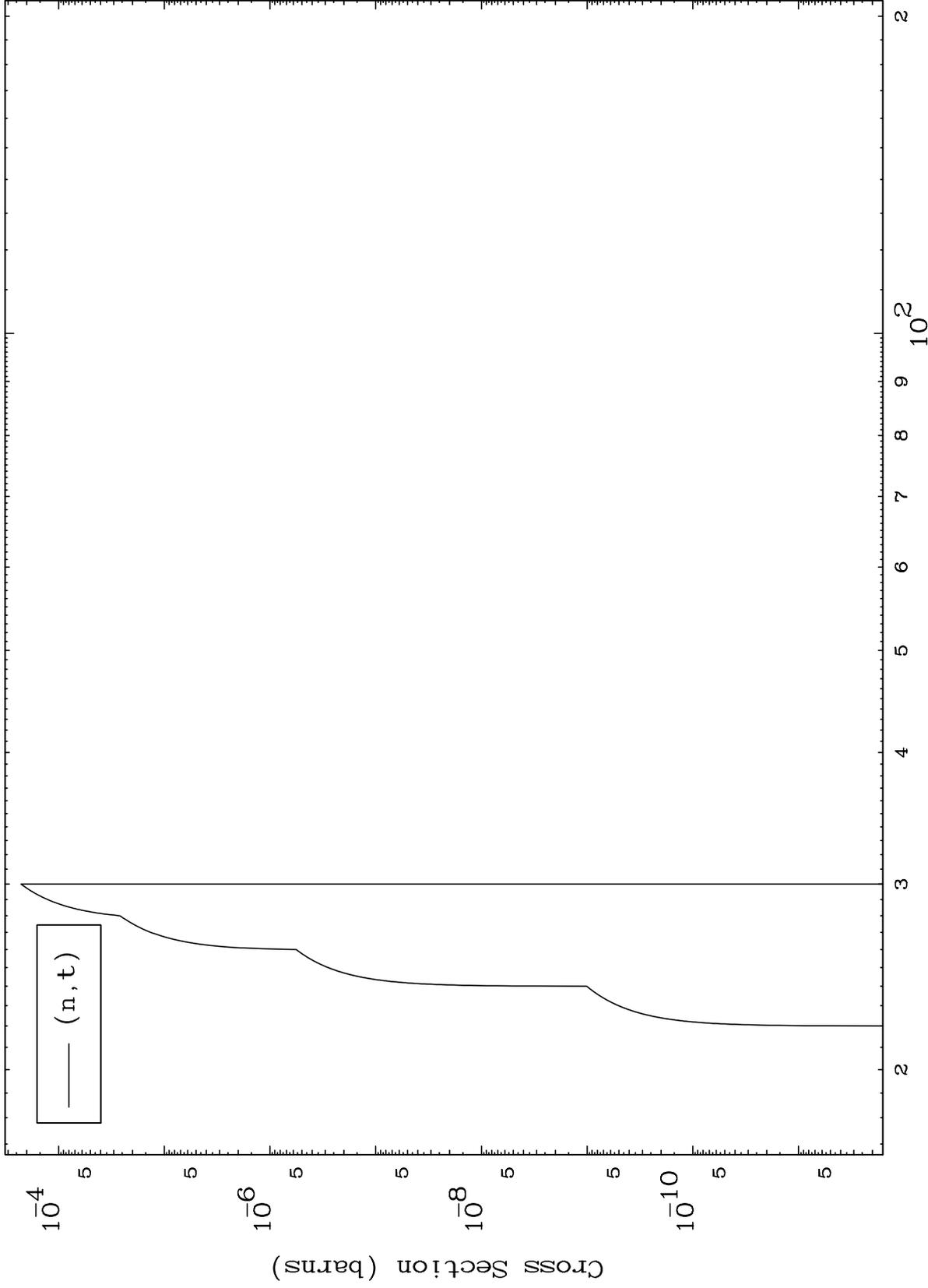
Incident Energy (MeV)

82-Pb-199m

MAT 8211

(α, t) Levels
0 Kelvin Cross Sections

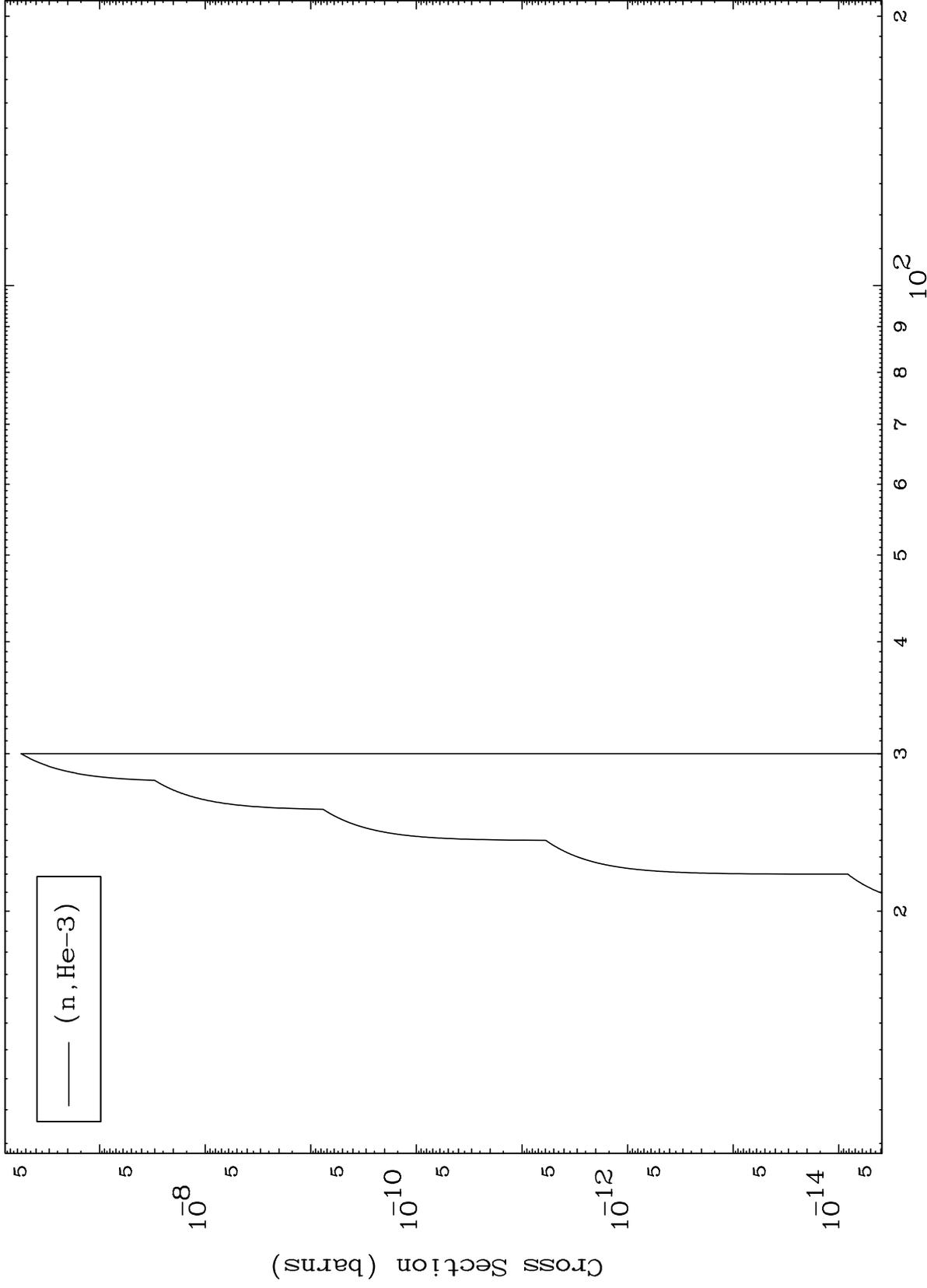
82-Pb-199m



8

Incident Energy (MeV)

82-Pb-199m

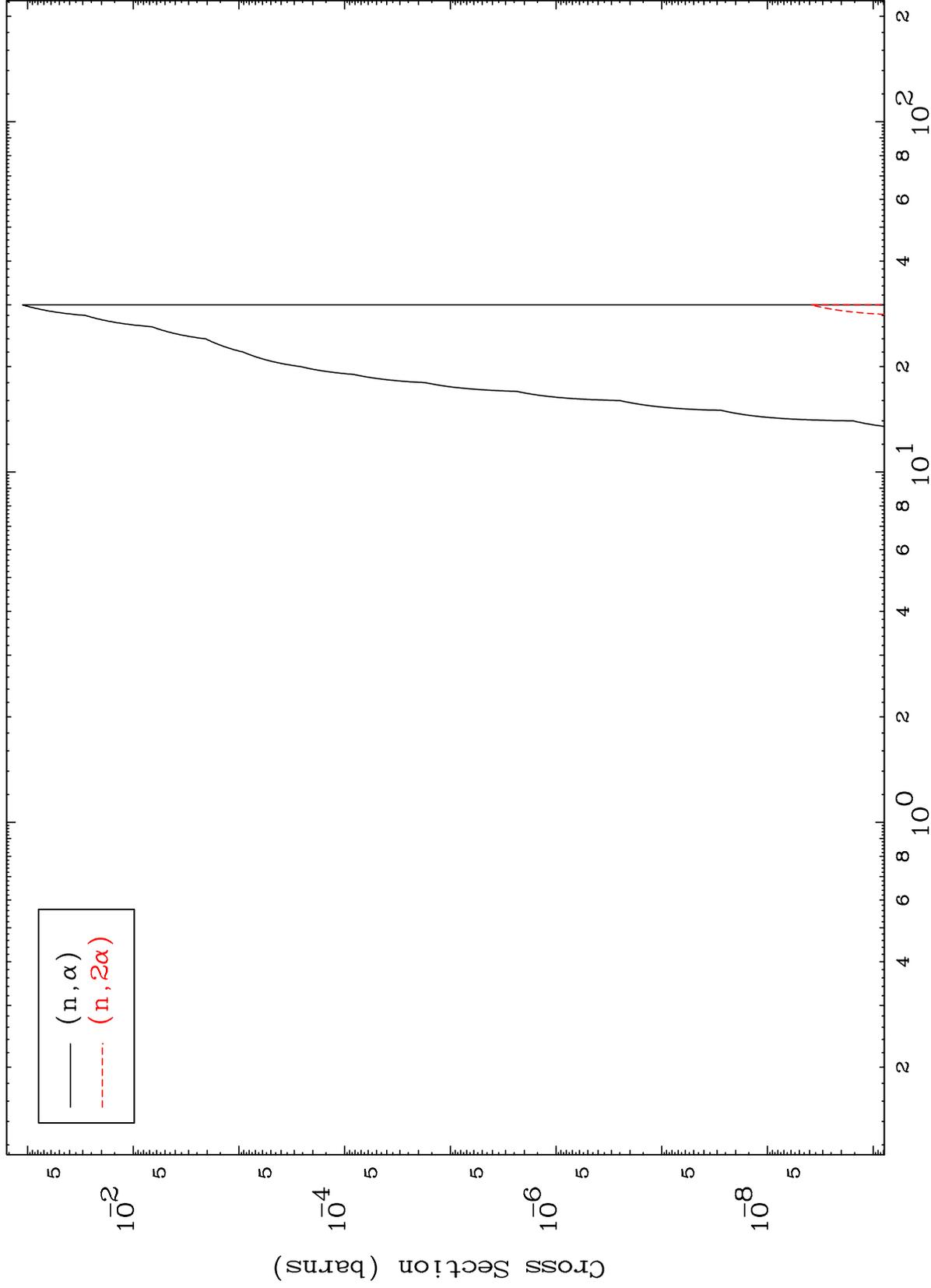


MAT 8211

(α, α) Levels

82-Pb-199m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

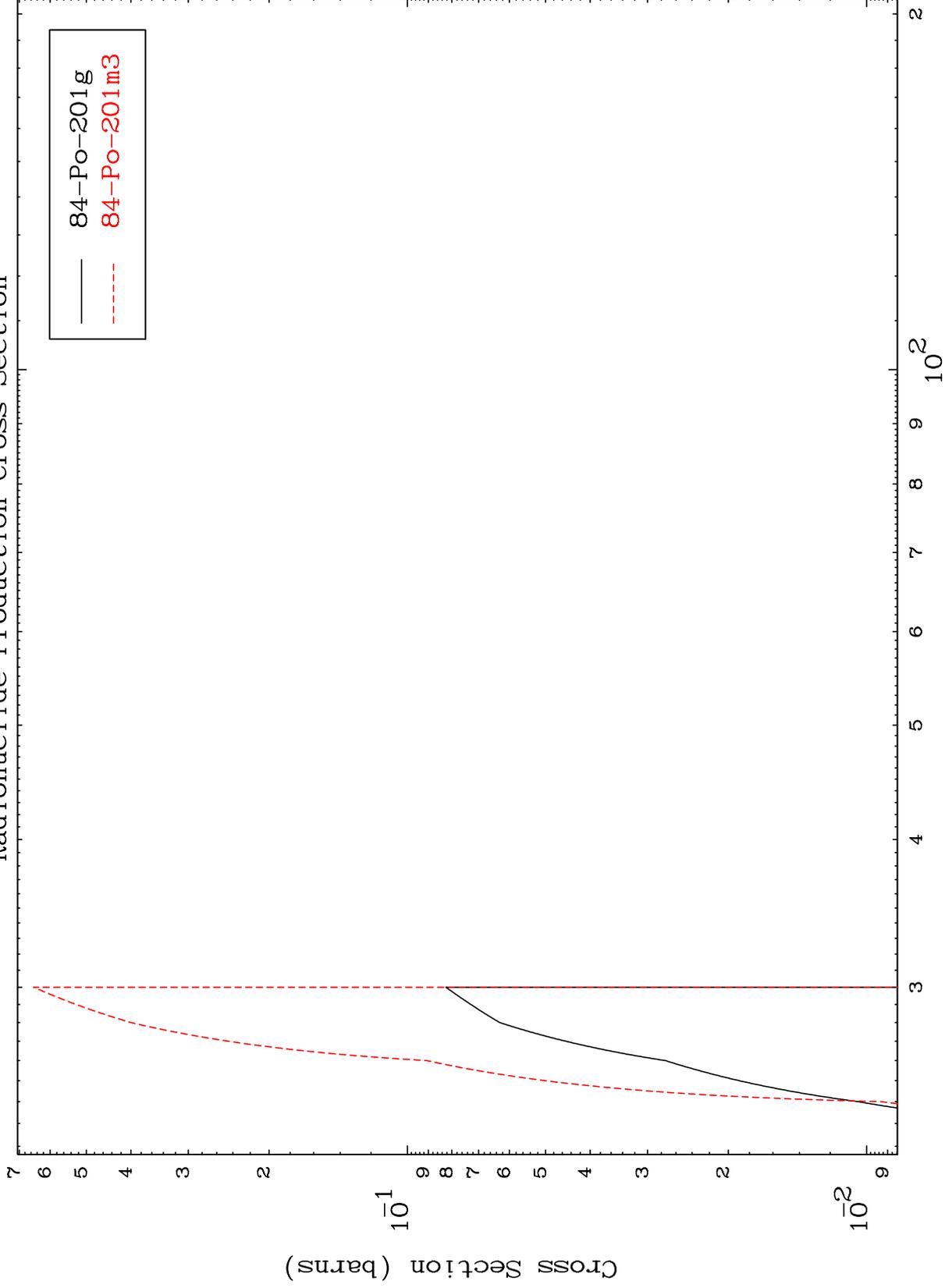
82-Pb-199m

MAT 8211

(n,2n)

82-Pb-199m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

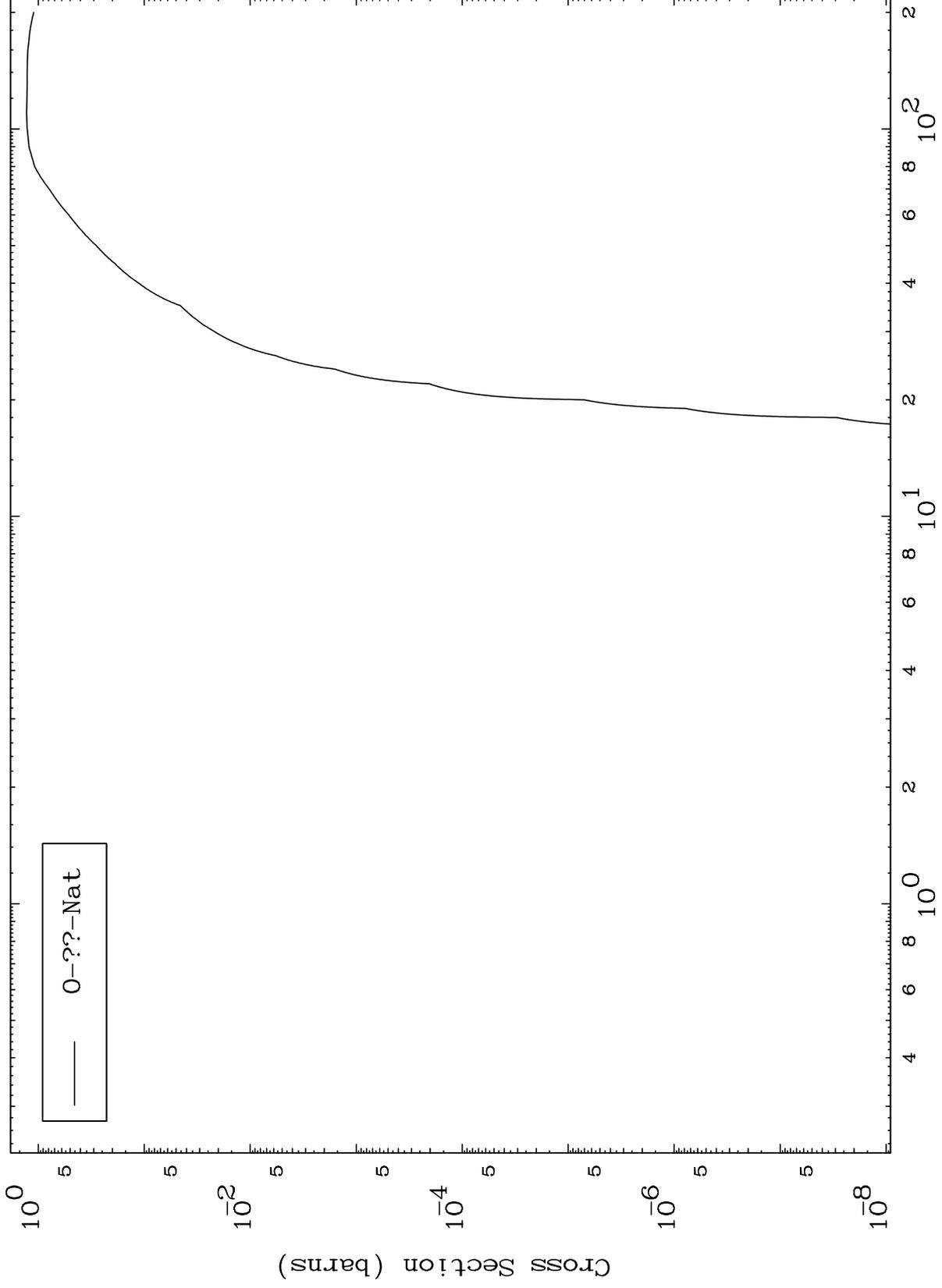
82-Pb-199m

MAT 8211

Fission

⁸²Pb-199m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

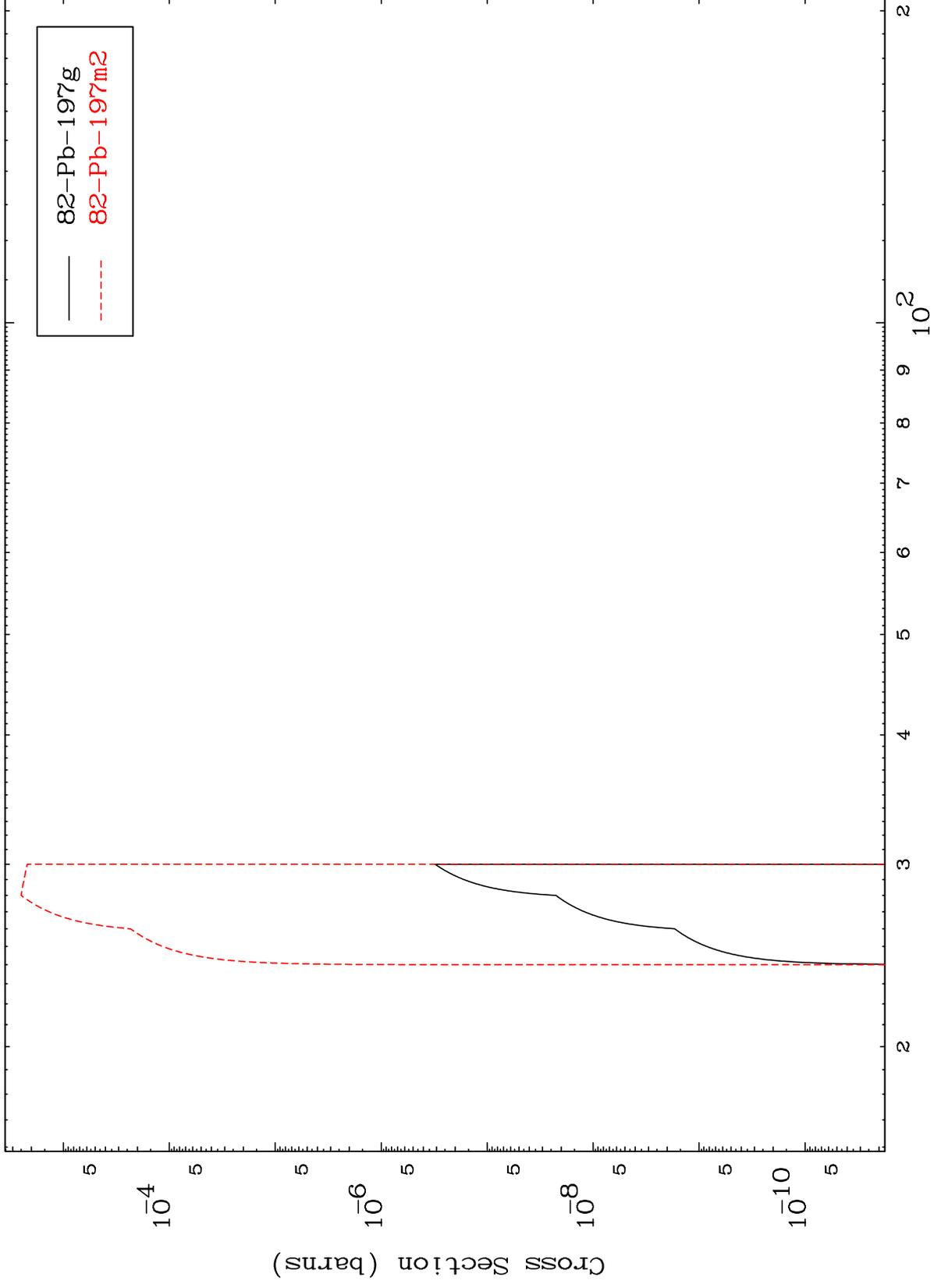
⁸²Pb-199m

MAT 8211

$(n,2n) \alpha$

82-Pb-199m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

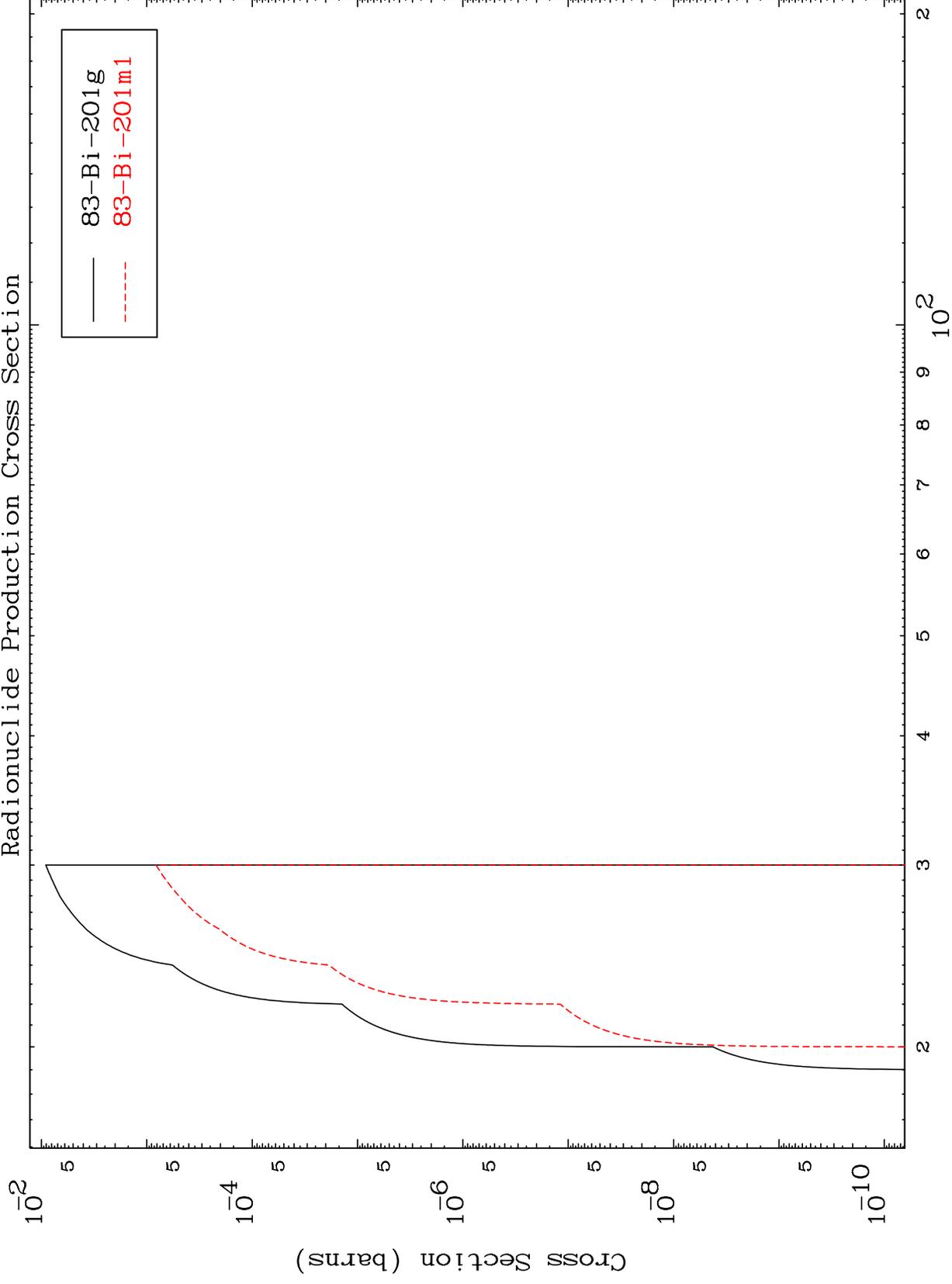
82-Pb-199m

MAT 8211

(n,n') p

82-Pb-199m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

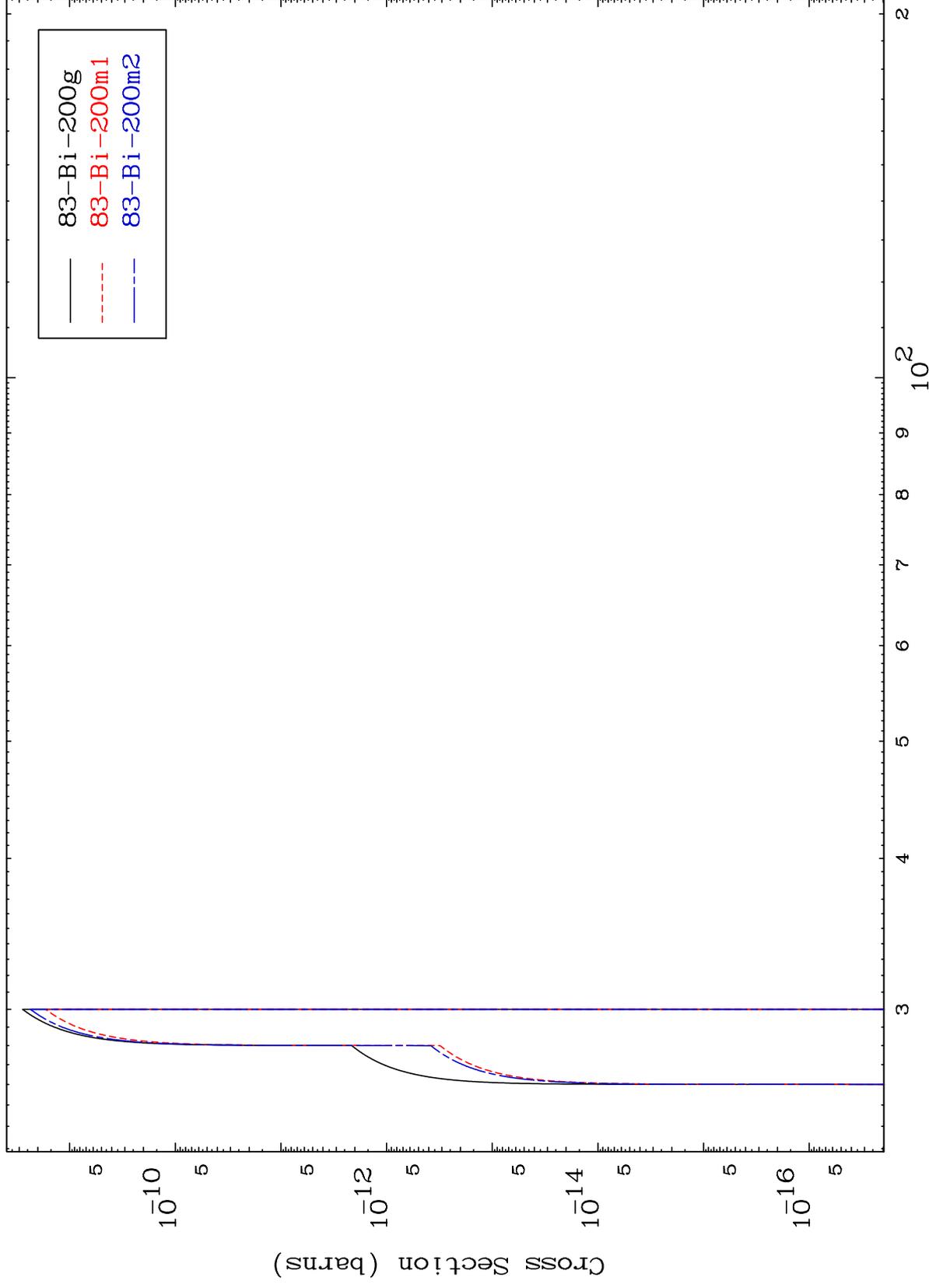
82-Pb-199m

MAT 8211

(n,n') d

82-Pb-199m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

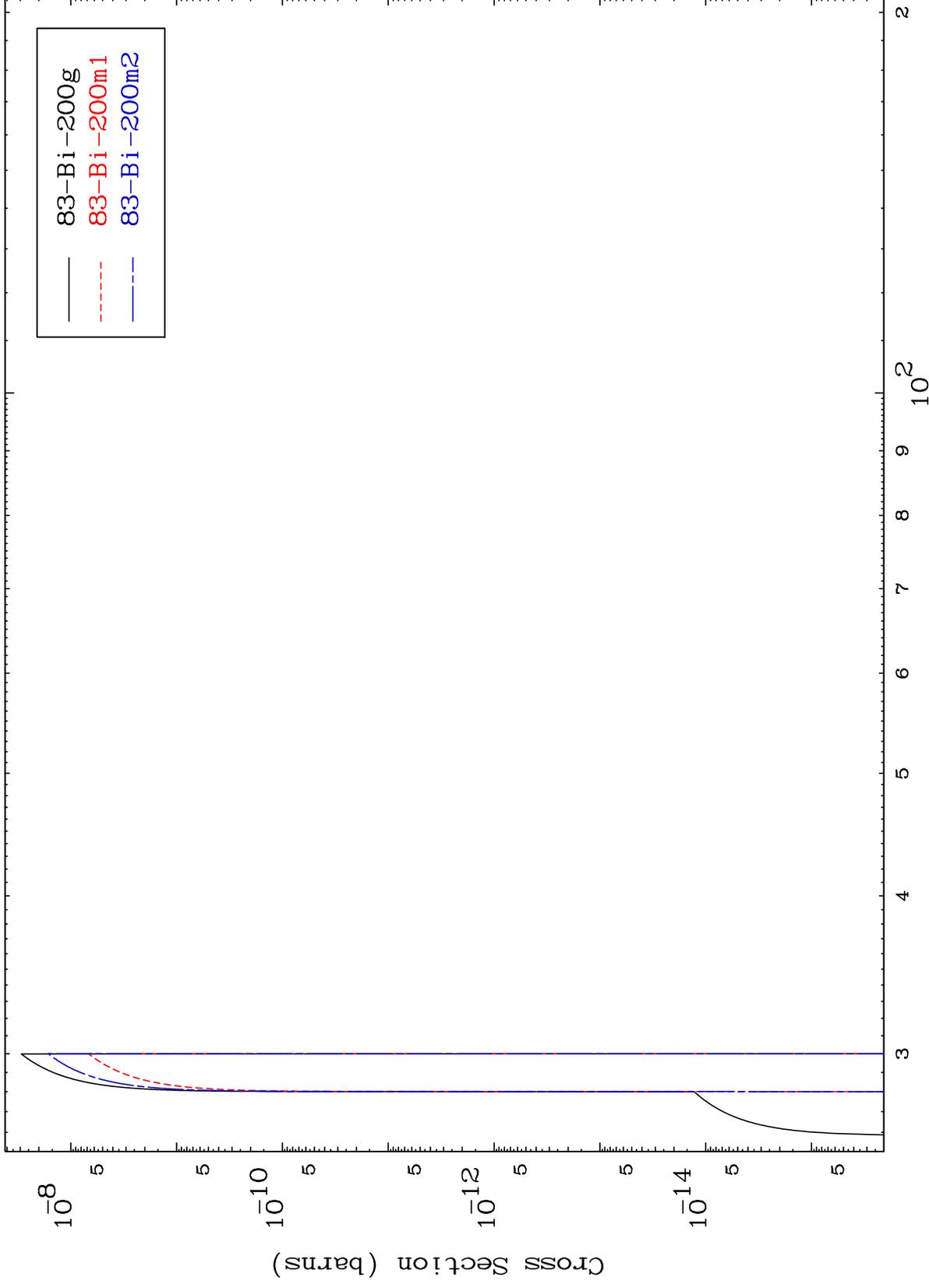
82-Pb-199m

MAT 8211

(n,2n) p

82-Pb-199m

Radionuclide Production Cross Section



16

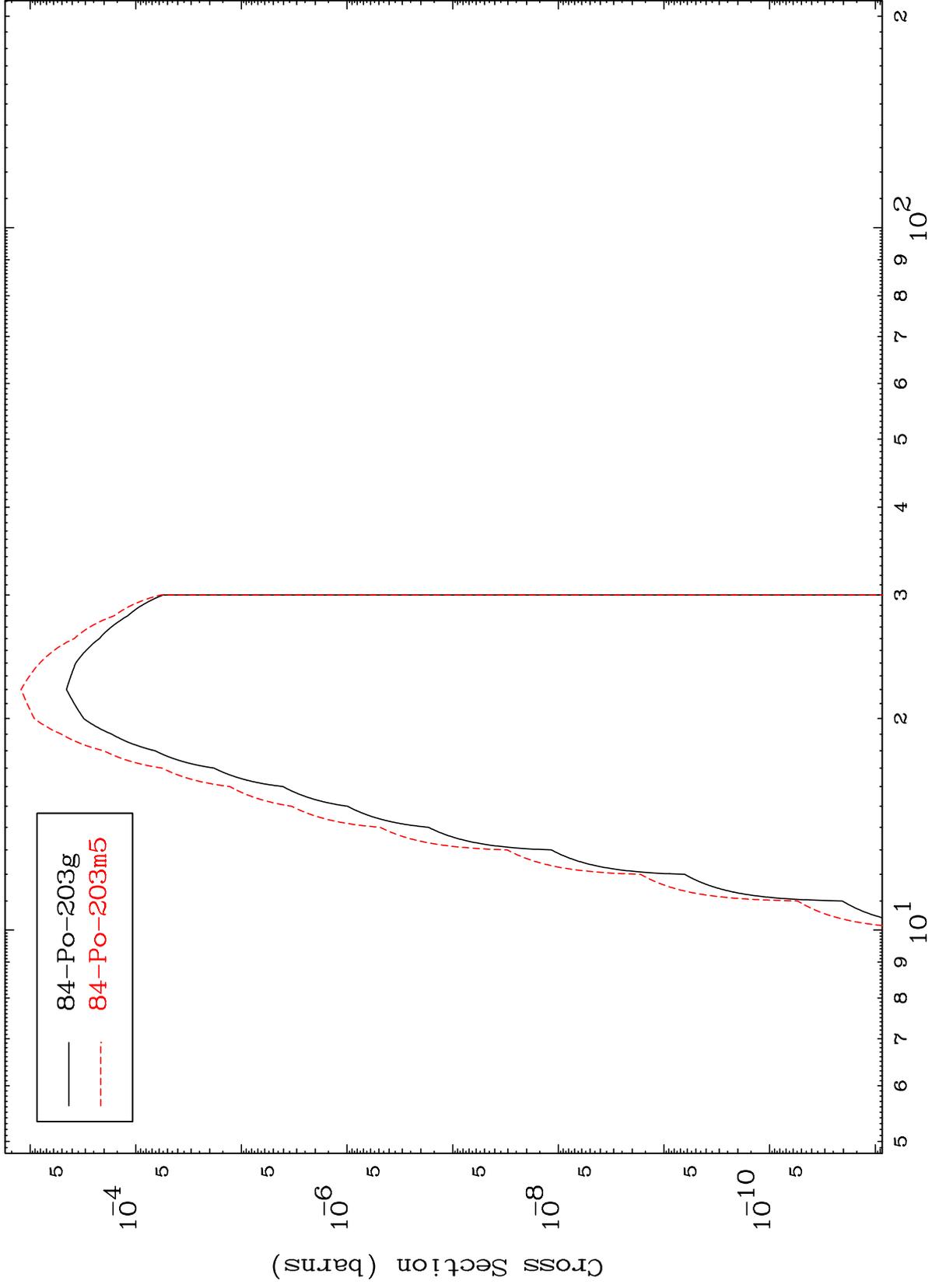
Incident Energy (MeV)

82-Pb-199m

MAT 8211

82-Pb-199m

Radionuclide Production Cross Section
(n, γ)



17

Incident Energy (MeV)

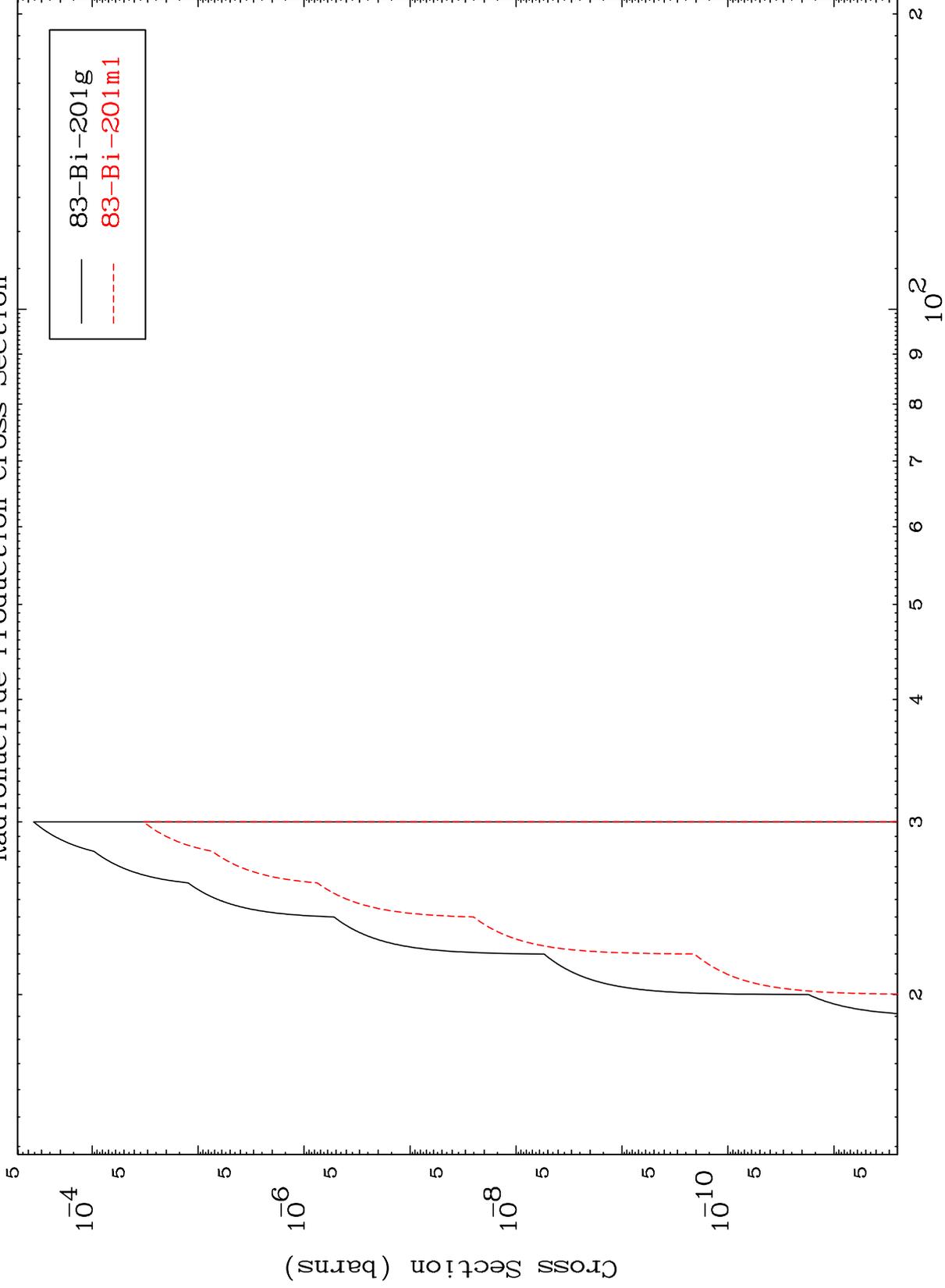
82-Pb-199m

MAT 8211

(n,d)

82-Pb-199m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

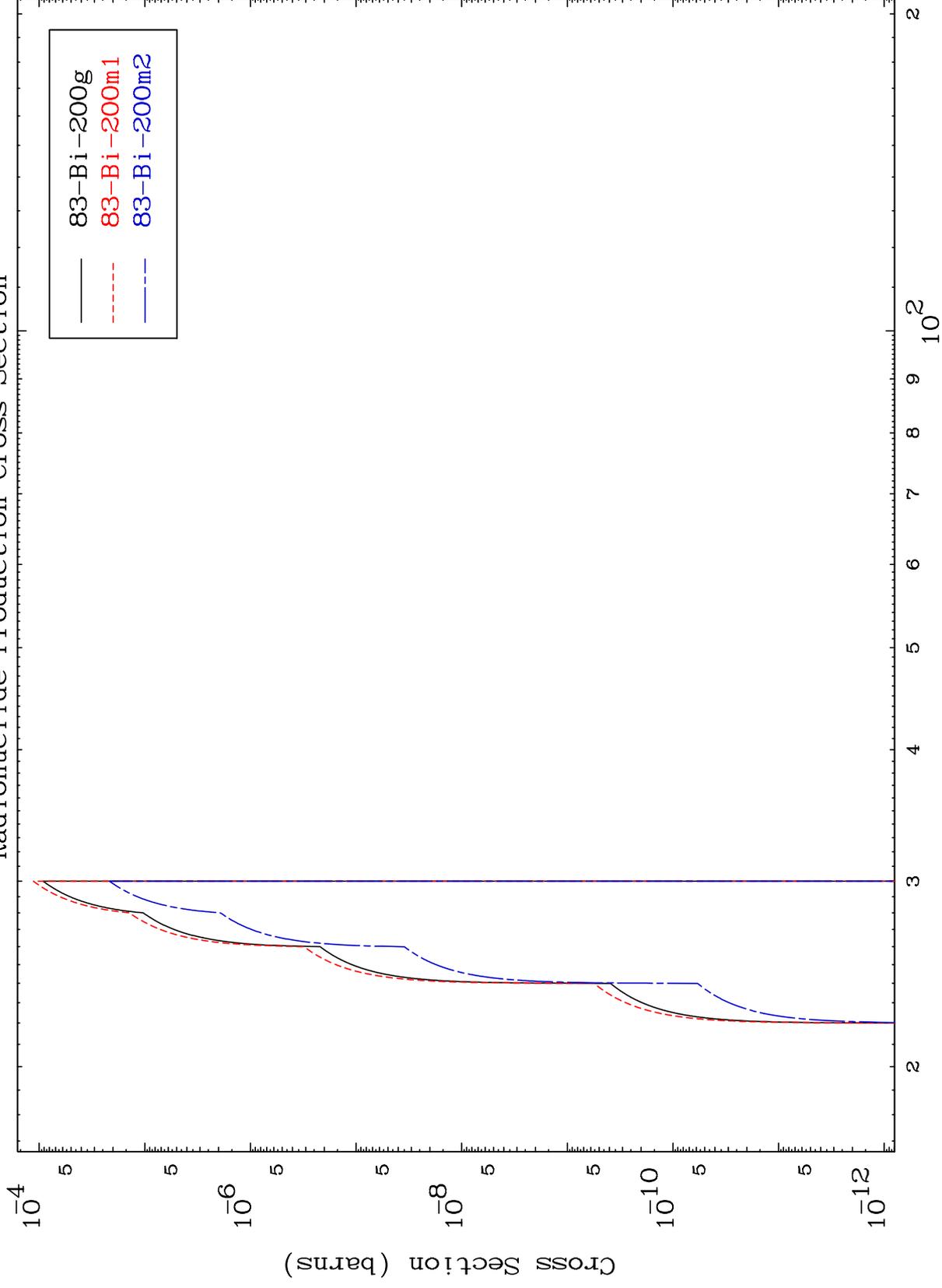
82-Pb-199m

MAT 8211

(n, t)

82-Pb-199m

Radionuclide Production Cross Section



19

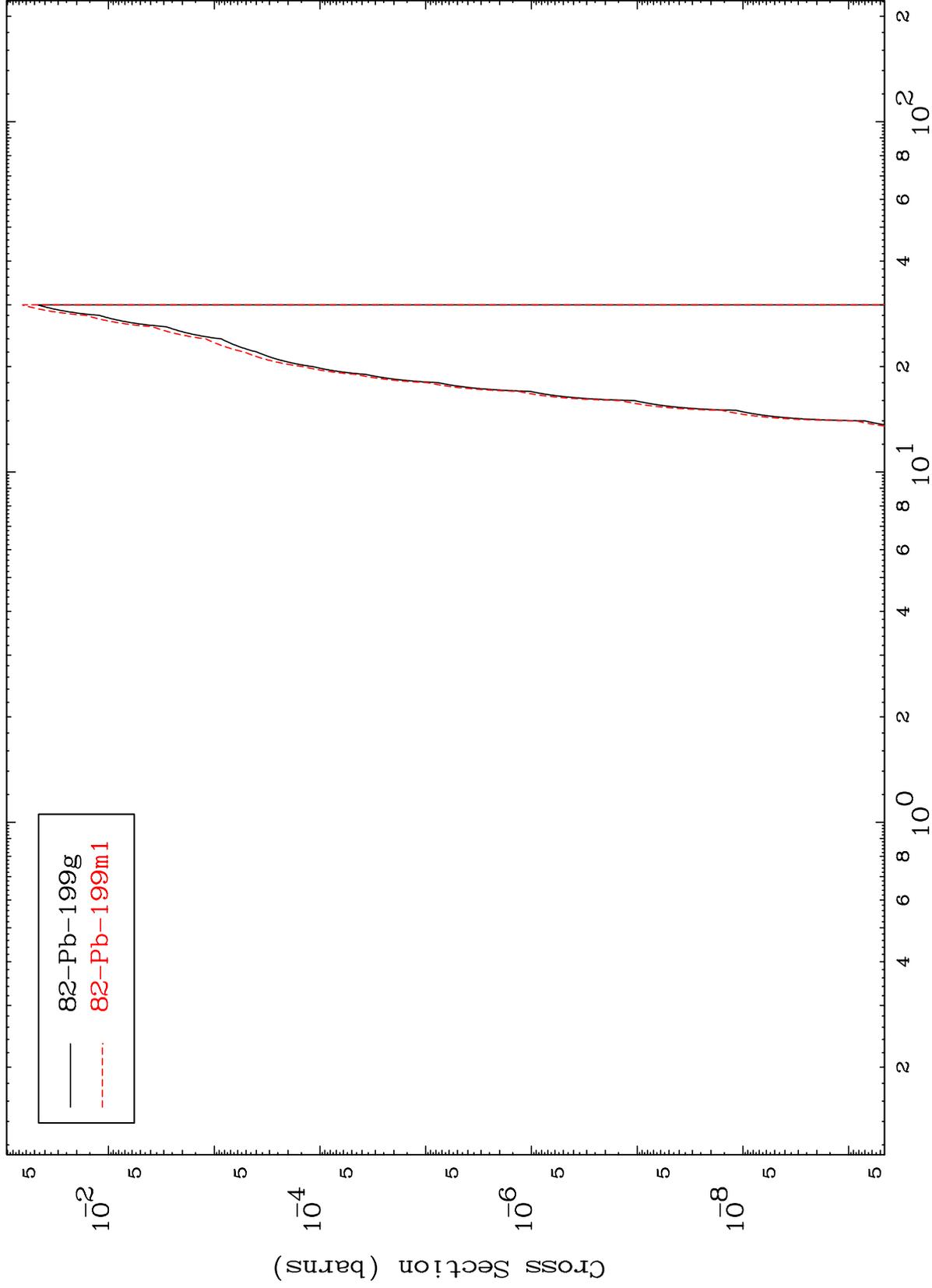
Incident Energy (MeV)

82-Pb-199m

MAT 8211

$^{82}\text{Pb-199m}$

Radionuclide Production Cross Section



Incident Energy (MeV)

$^{82}\text{Pb-199m}$

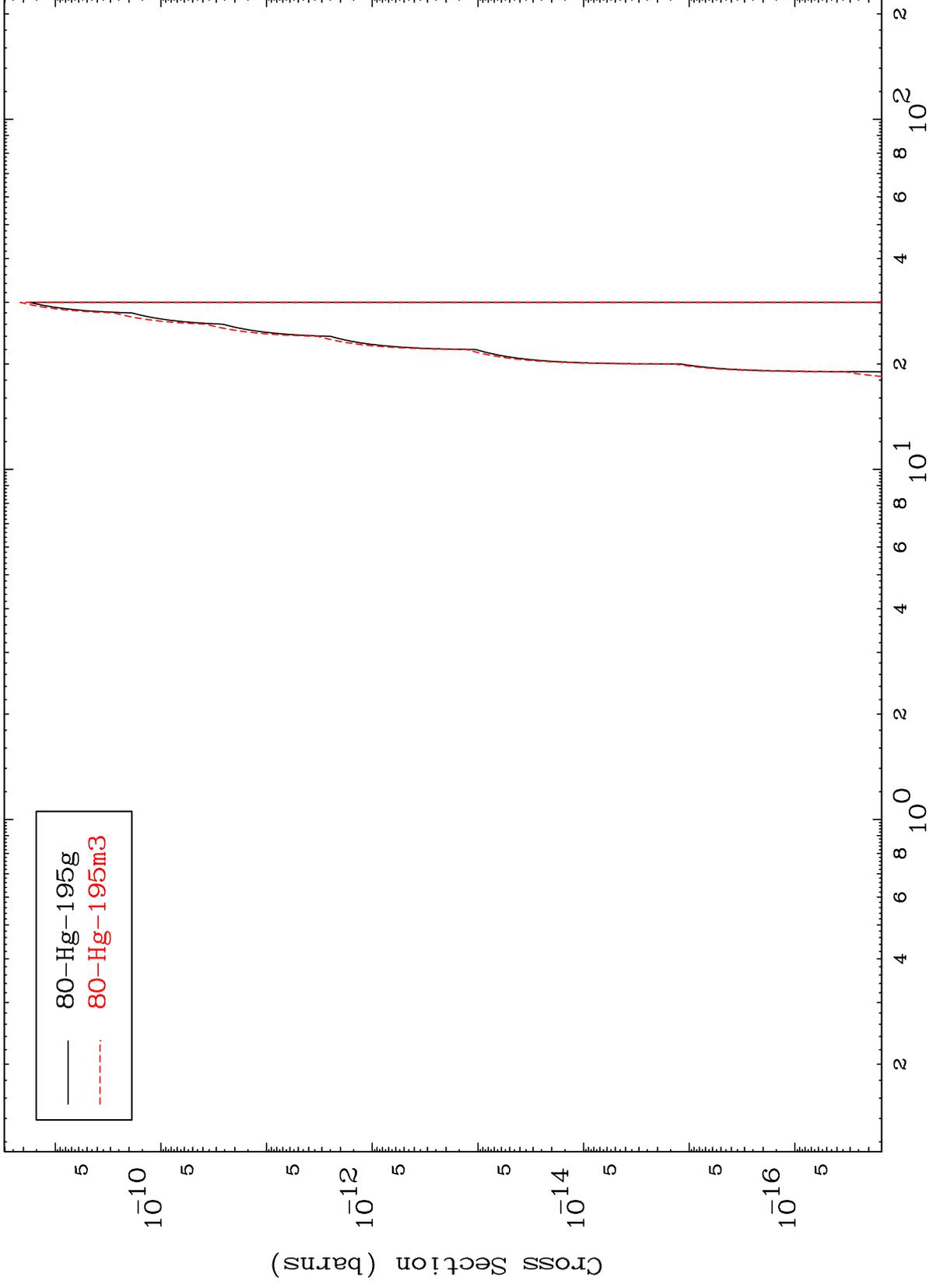
20

MAT 8211

(n,2α)

82-Pb-199m

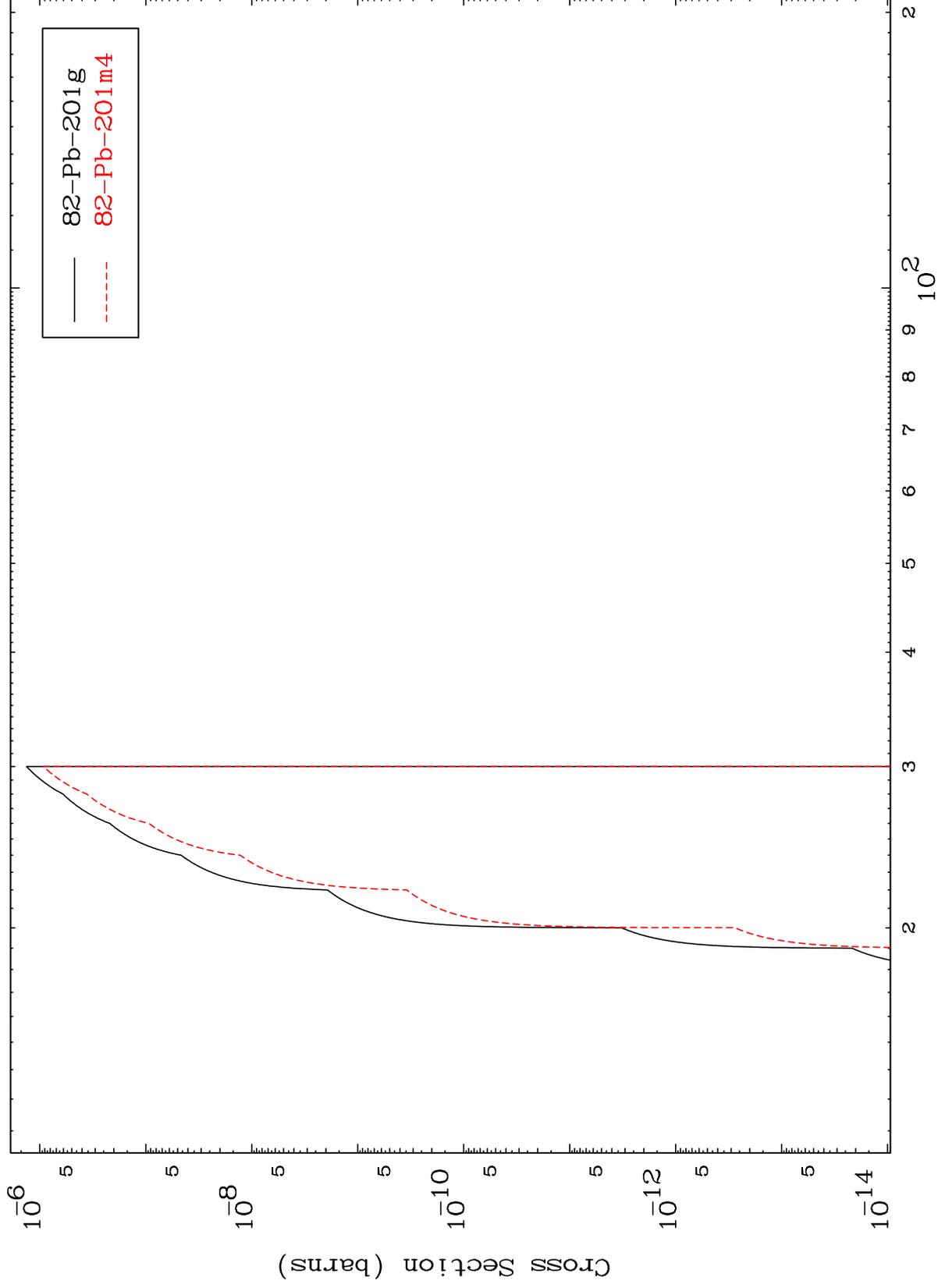
Radionuclide Production Cross Section



MAT 8211

82-Pb-199m

(n,2p)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

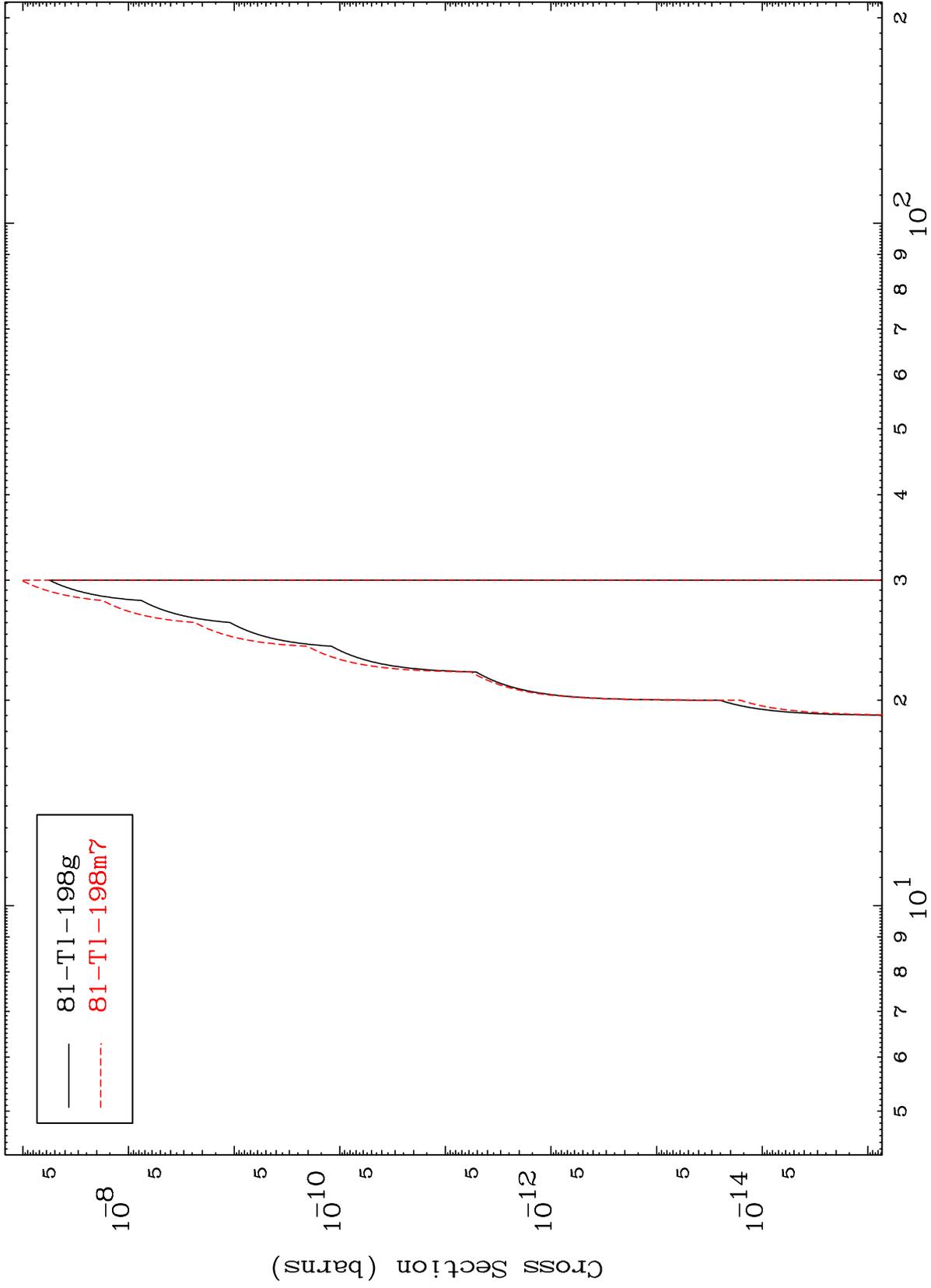
82-Pb-199m

MAT 8211

(n,p) α

82-Pb-199m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

82-Pb-199m