

Program EVALPLOT
(Version 2021-1)

by

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(Present Contact Information)

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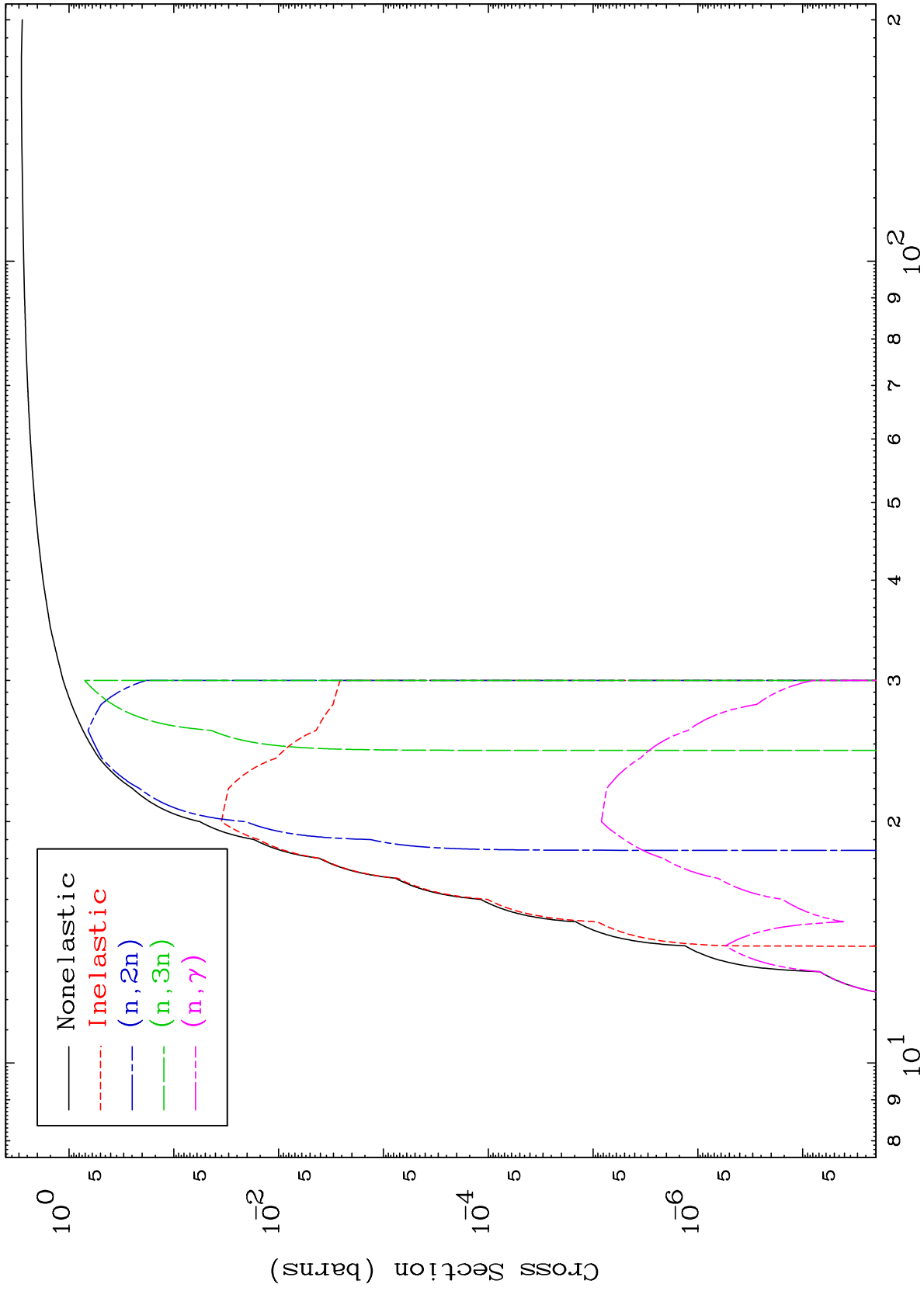
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8243

0 Kelvin α Major
Cross Sections

82-Pb-210



1

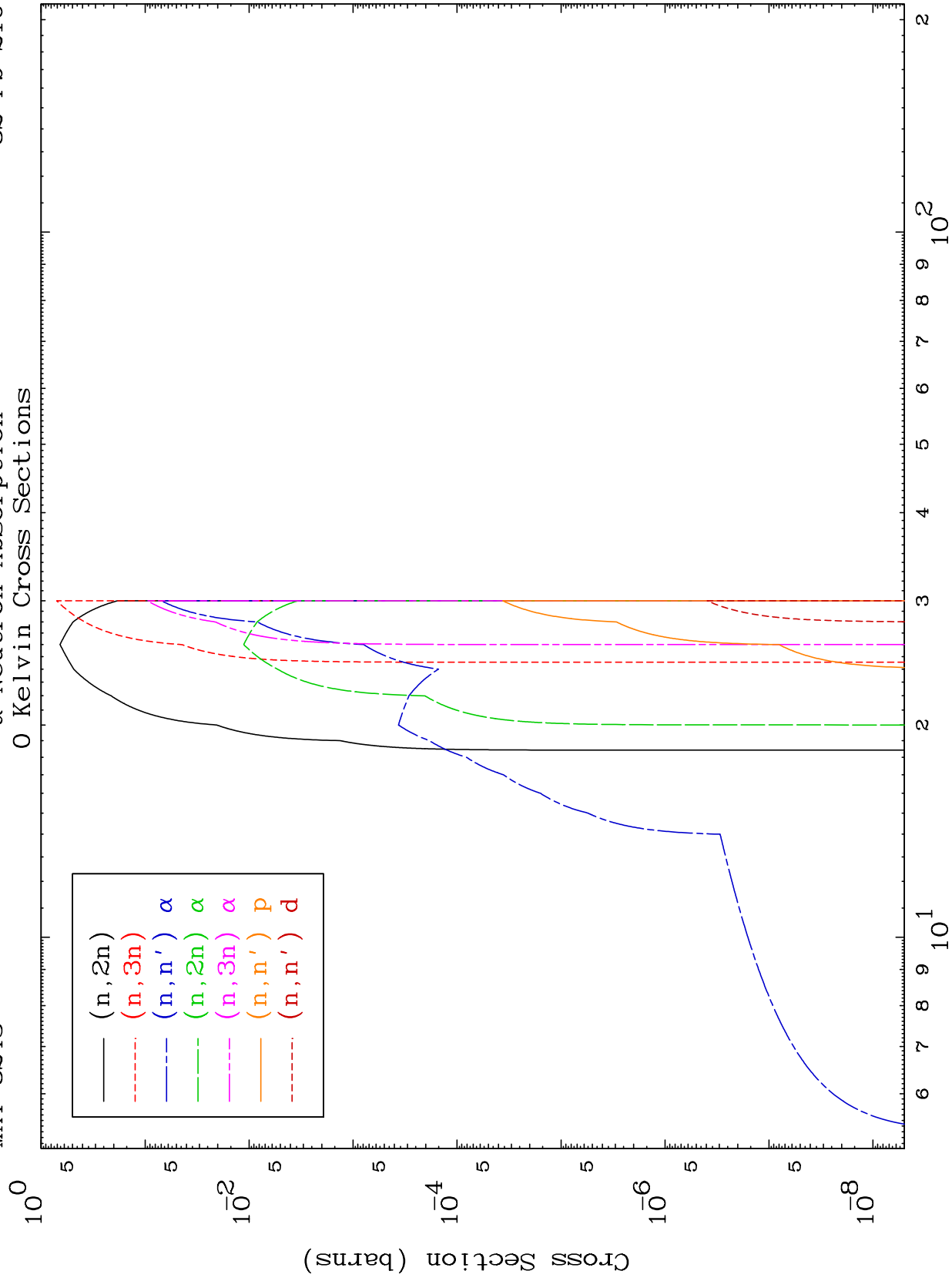
Incident Energy (MeV)

82-Pb-210

MAT 8243

α Neutron Absorption
0 Kelvin Cross Sections

82-Pb-210



2

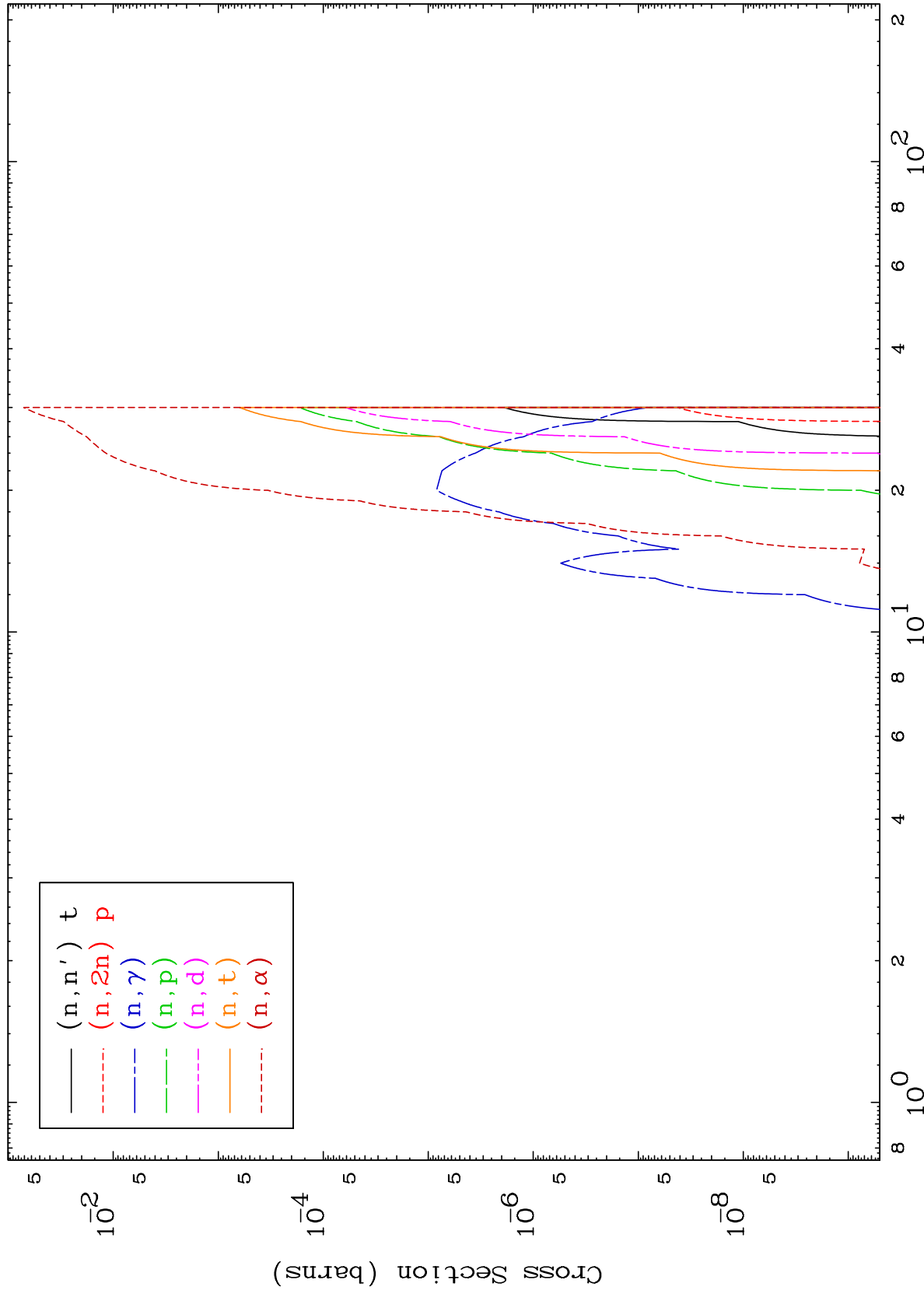
Incident Energy (MeV)

82-Pb-210

MAT 8243

α Neutron Absorption
0 Kelvin Cross Sections

82-Pb-210



3

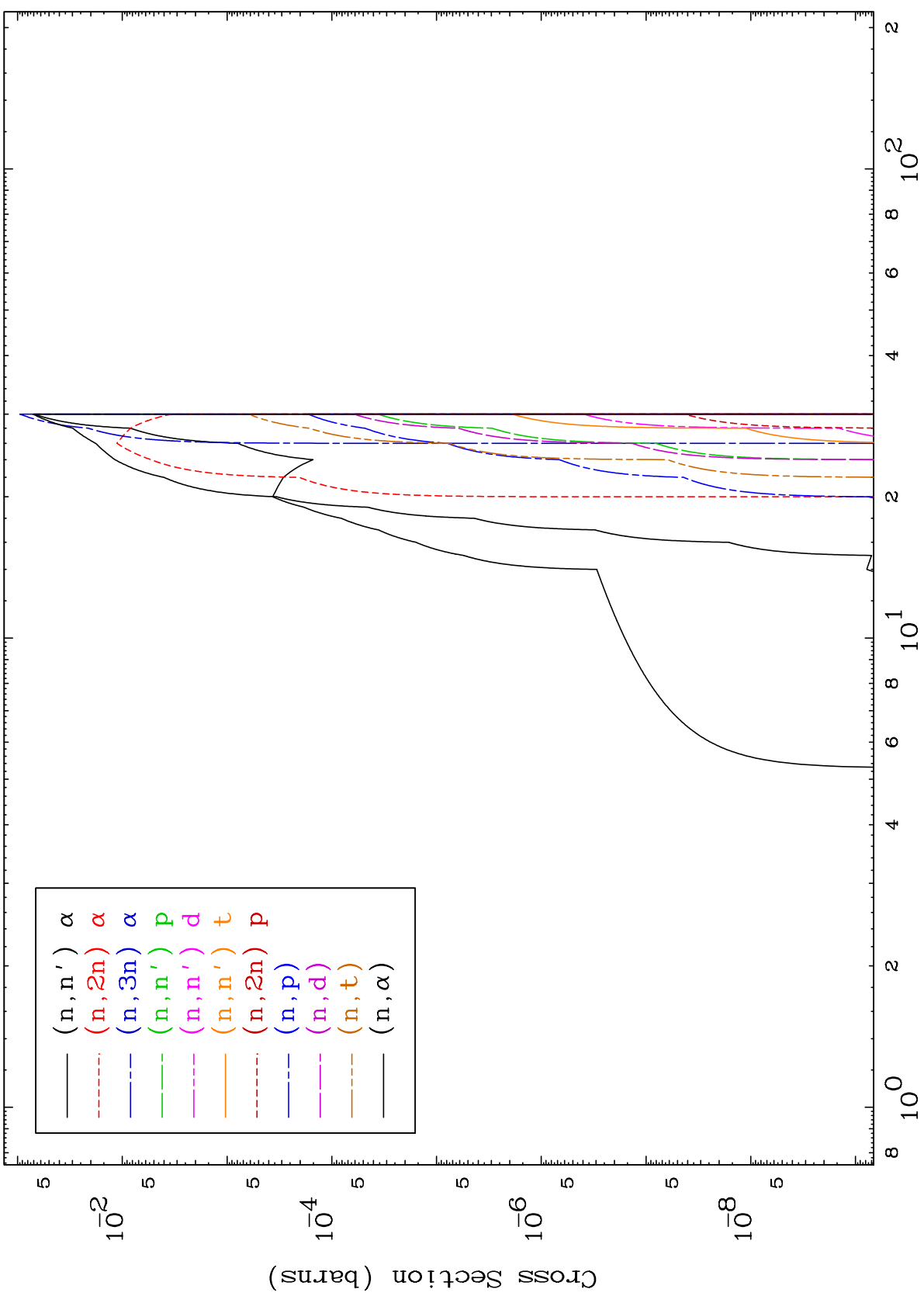
Incident Energy (MeV)

82-Pb-210

MAT 8243

α Charged Particle
0 Kelvin Cross Sections

82-Pb-210



4

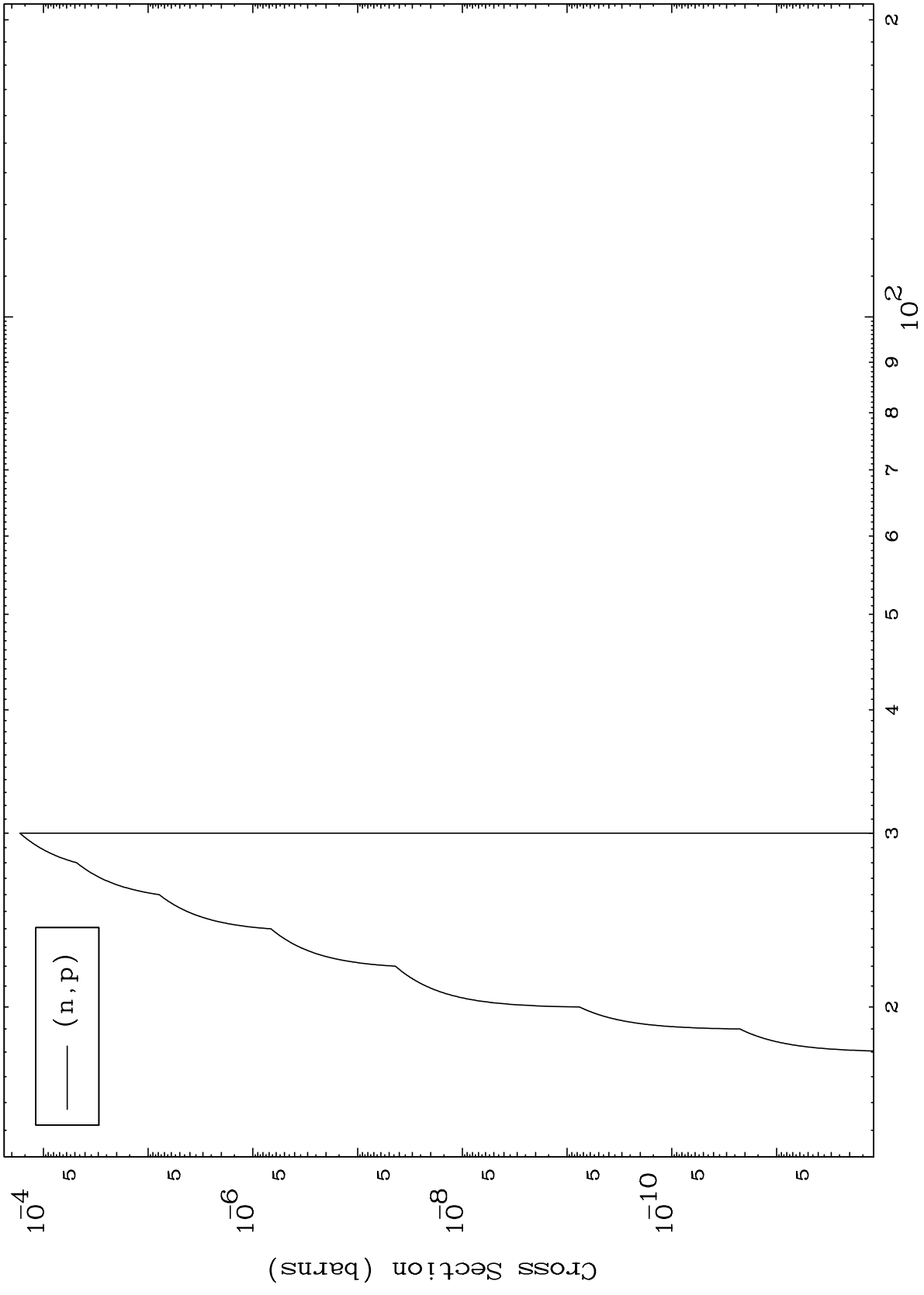
Incident Energy (MeV)

82-Pb-210

MAT 8243

(α, p) Levels
0 Kelvin Cross Sections

82-Pb-210



5

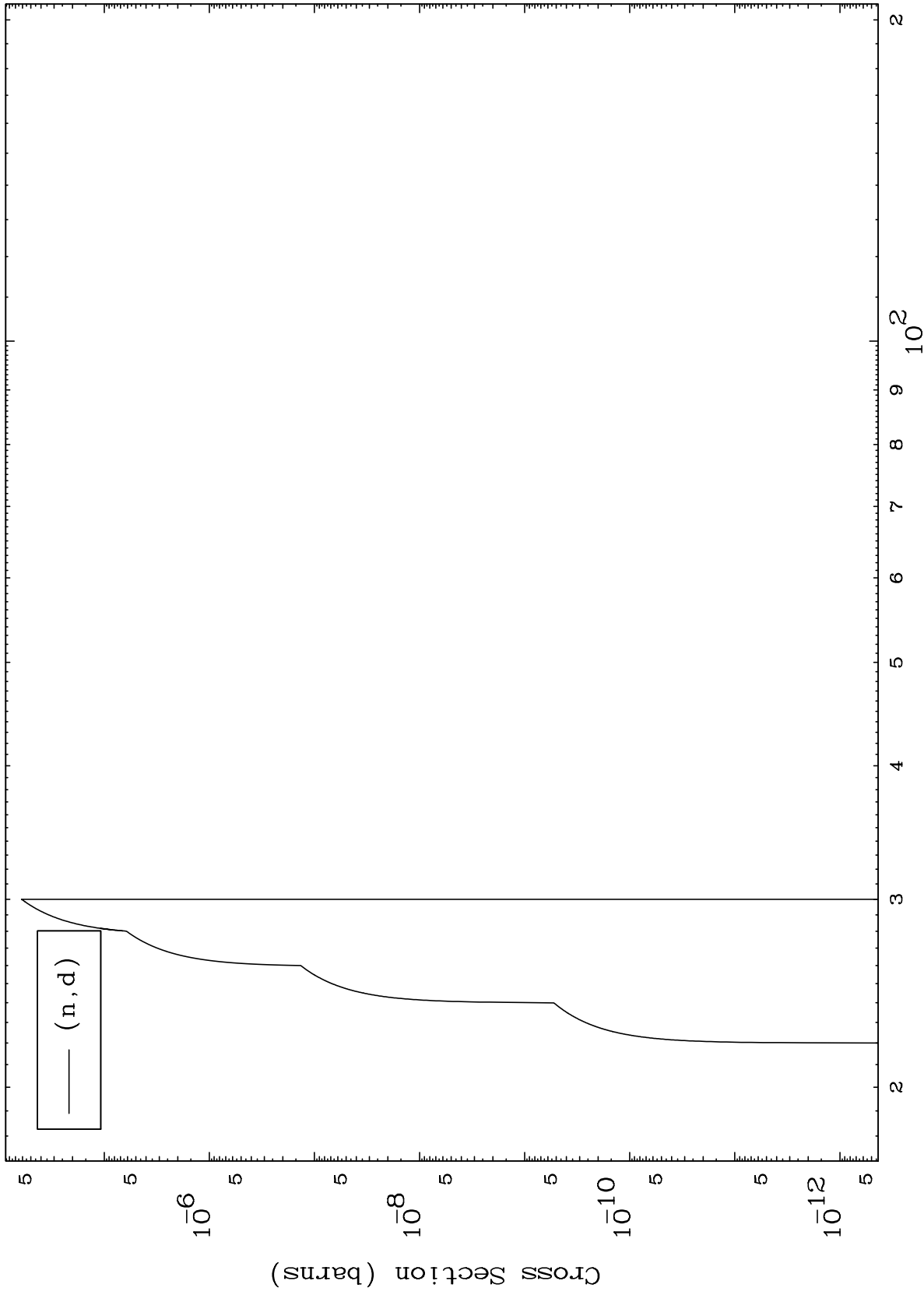
Incident Energy (MeV)

82-Pb-210

MAT 8243

(α, d) Levels
0 Kelvin Cross Sections

82-Pb-210



6

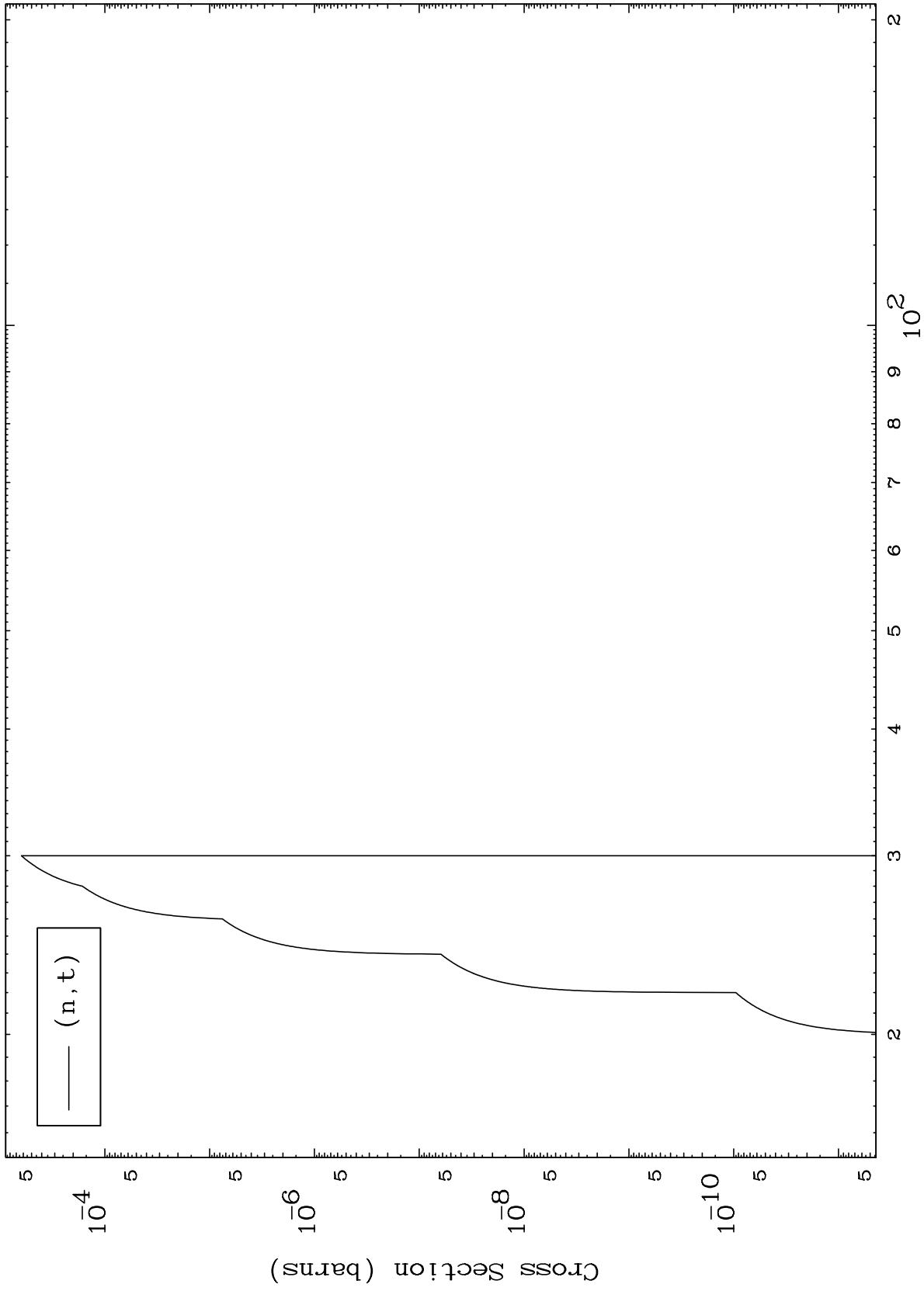
Incident Energy (MeV)

82-Pb-210

MAT 8243

(α, t) Levels
0 Kelvin Cross Sections

82-Pb-210



7

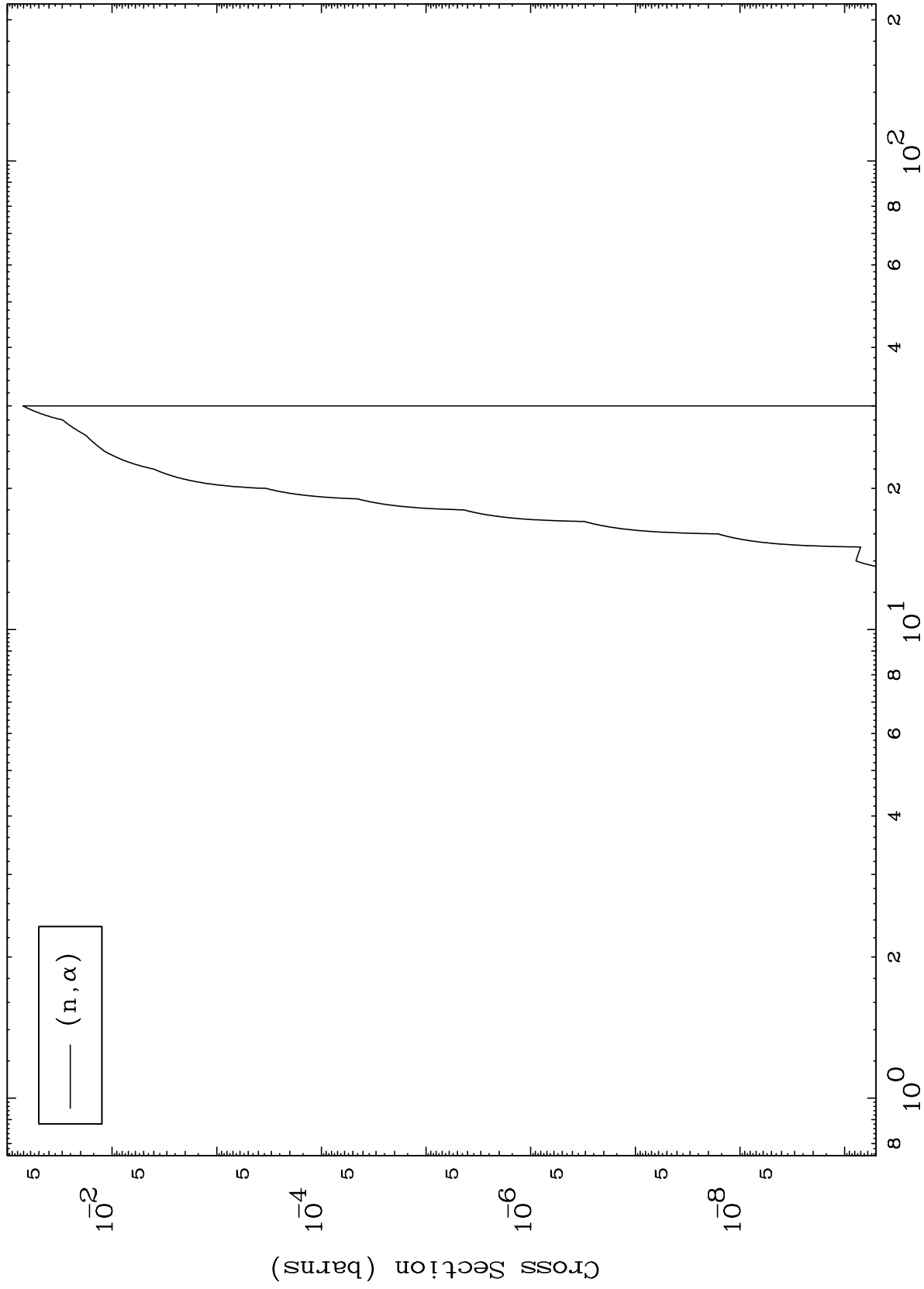
Incident Energy (MeV)

82-Pb-210

MAT 8243

(α, α) Levels
0 Kelvin Cross Sections

82-Pb-210



8

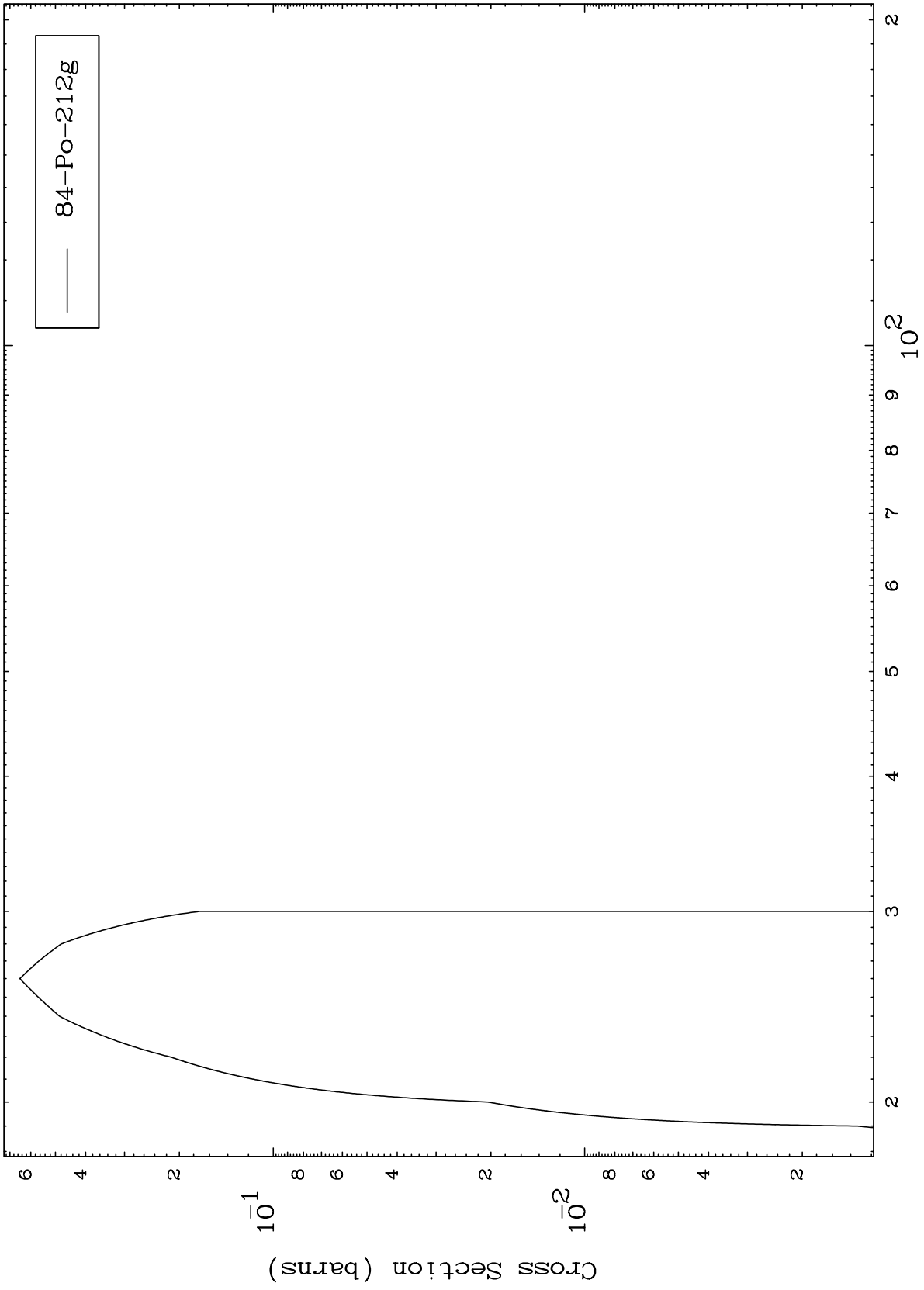
Incident Energy (MeV)

82-Pb-210

MAT 8243

82-Pb-210

(n,2n)
Radionuclide Production Cross Section



9

Incident Energy (MeV)

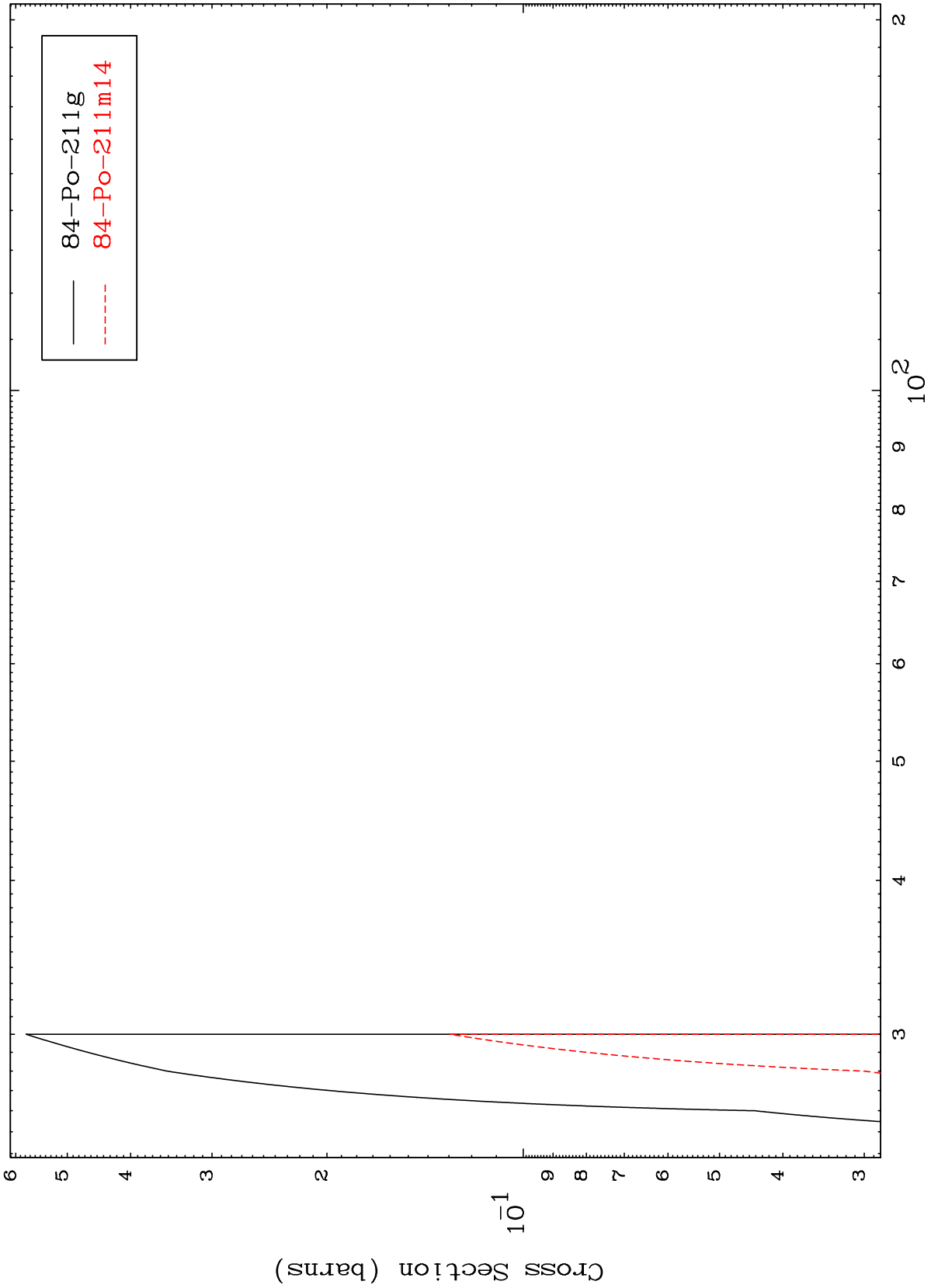
82-Pb-210

MAT 8243

(n,3n)

82-Pb-210

Radionuclide Production Cross Section



84-Po-211g
84-Po-211m14

10

Incident Energy (MeV)

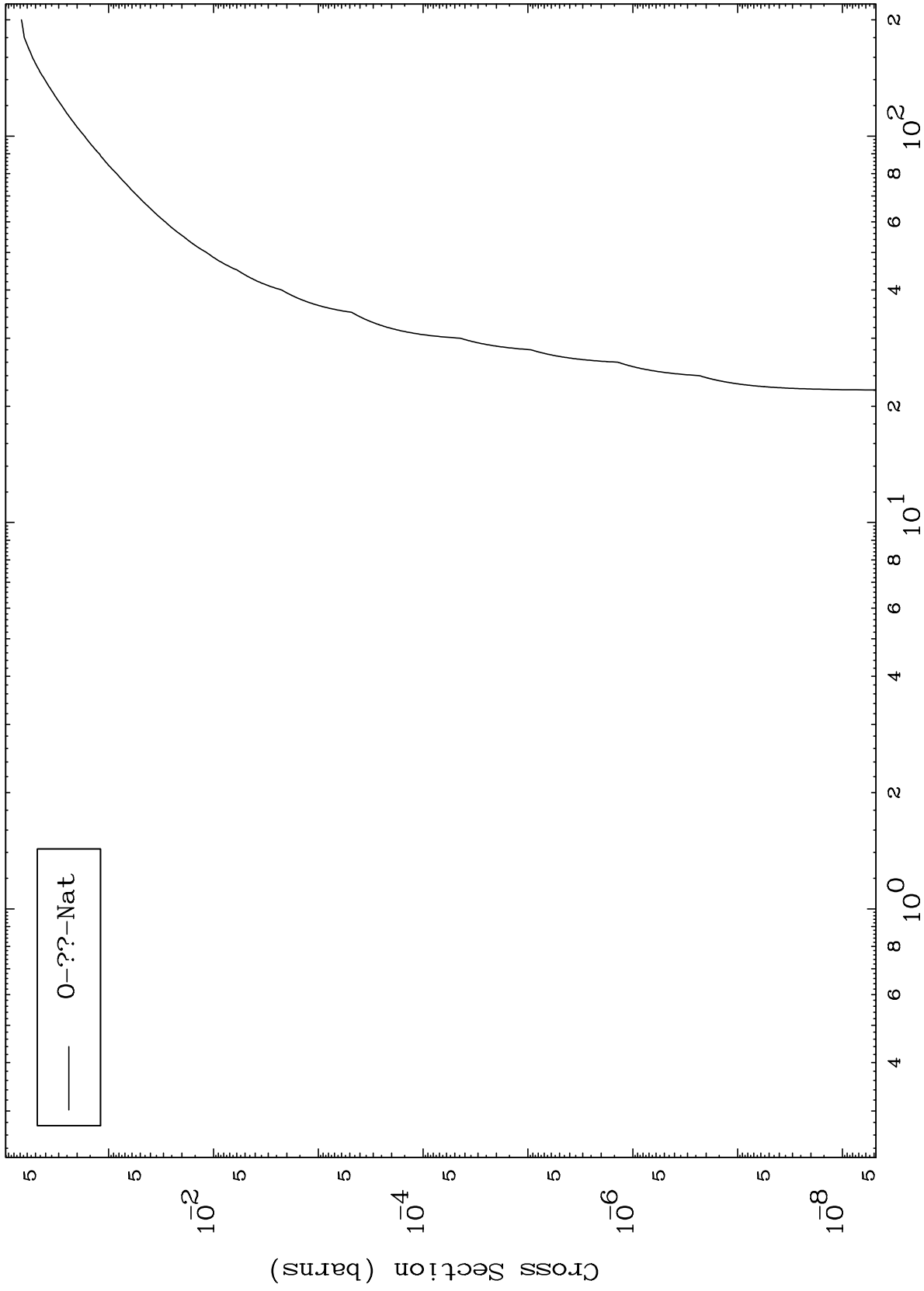
82-Pb-210

MAT 8243

Fission

82-Pb-210

Radionuclide Production Cross Section



11

Incident Energy (MeV)

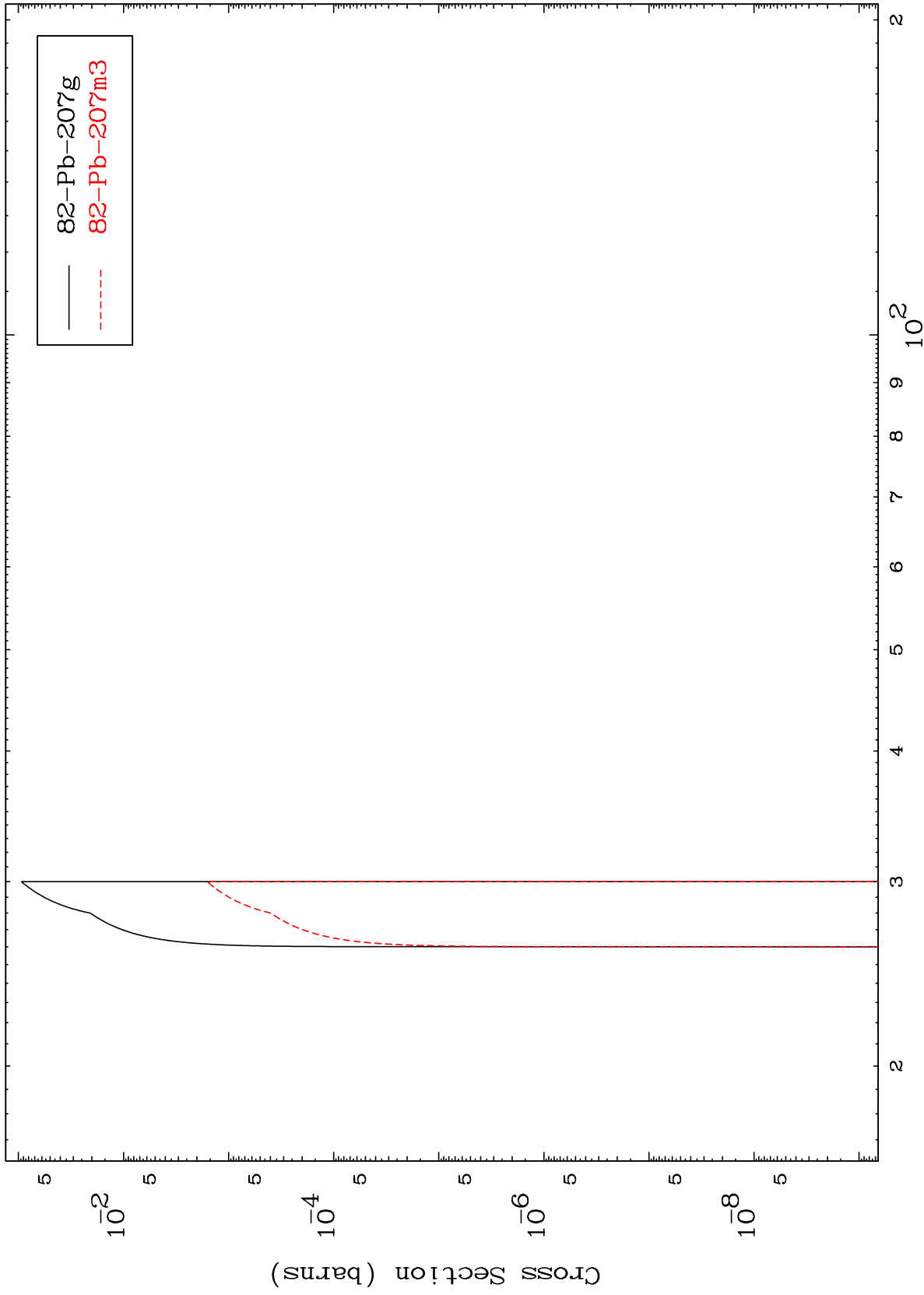
82-Pb-210

MAT 8243

$(n, 3n) \alpha$

$^{82}\text{Pb-210}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

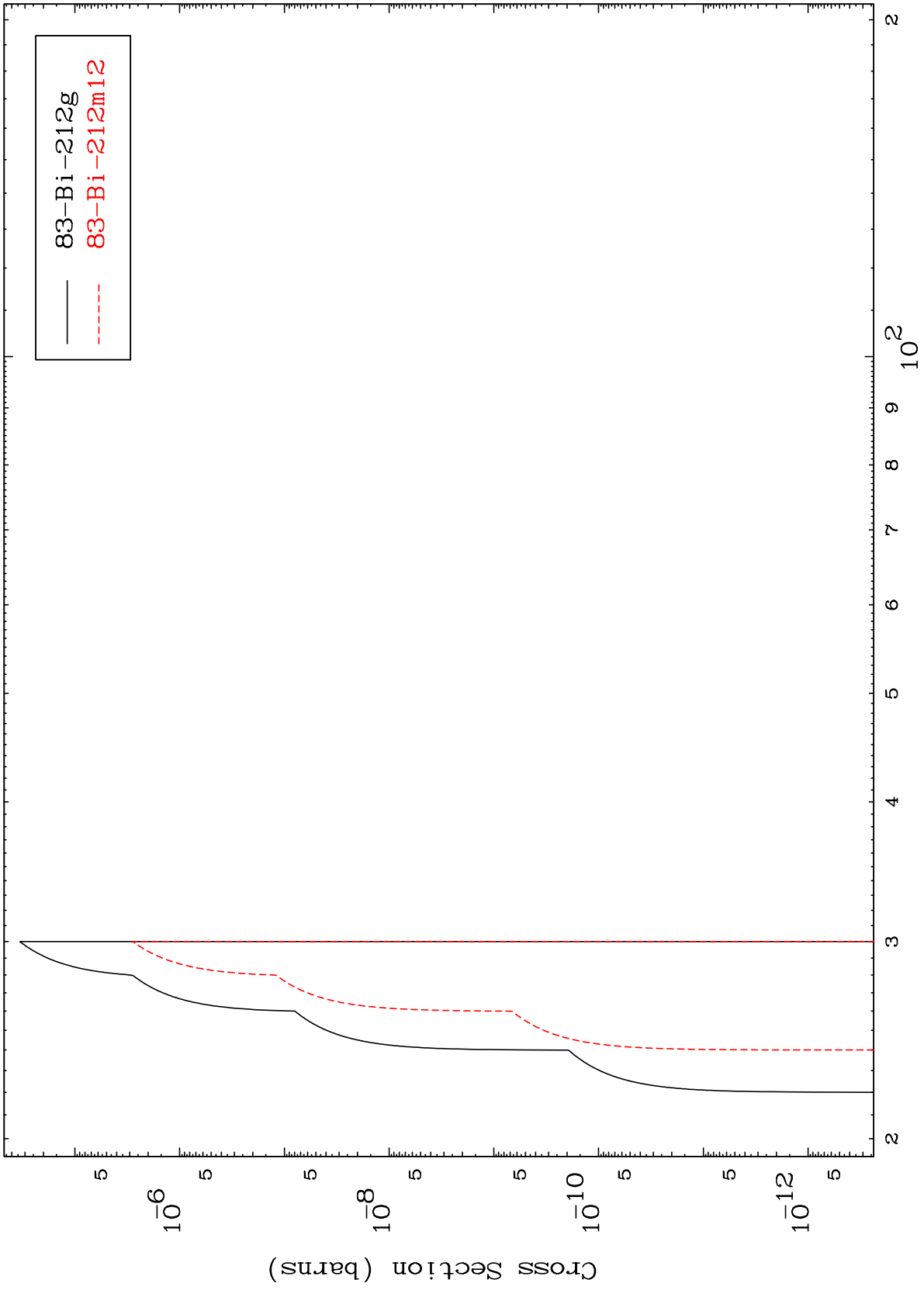
$^{82}\text{Pb-210}$

MAT 8243

(n,n') p

82-Pb-210

Radionuclide Production Cross Section



13

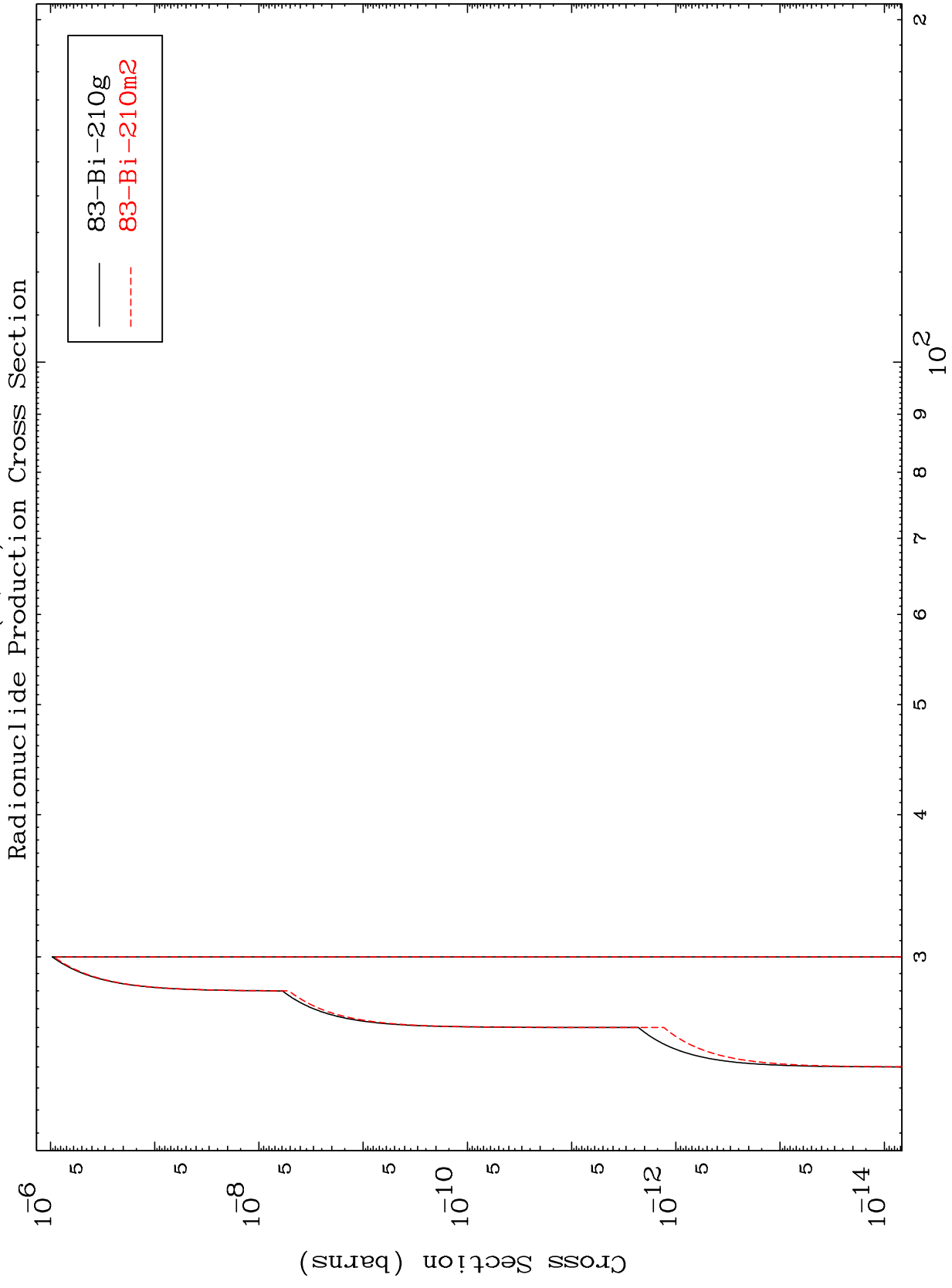
Incident Energy (MeV)

82-Pb-210

MAT 8243

(n,n') t

82-Pb-210



14

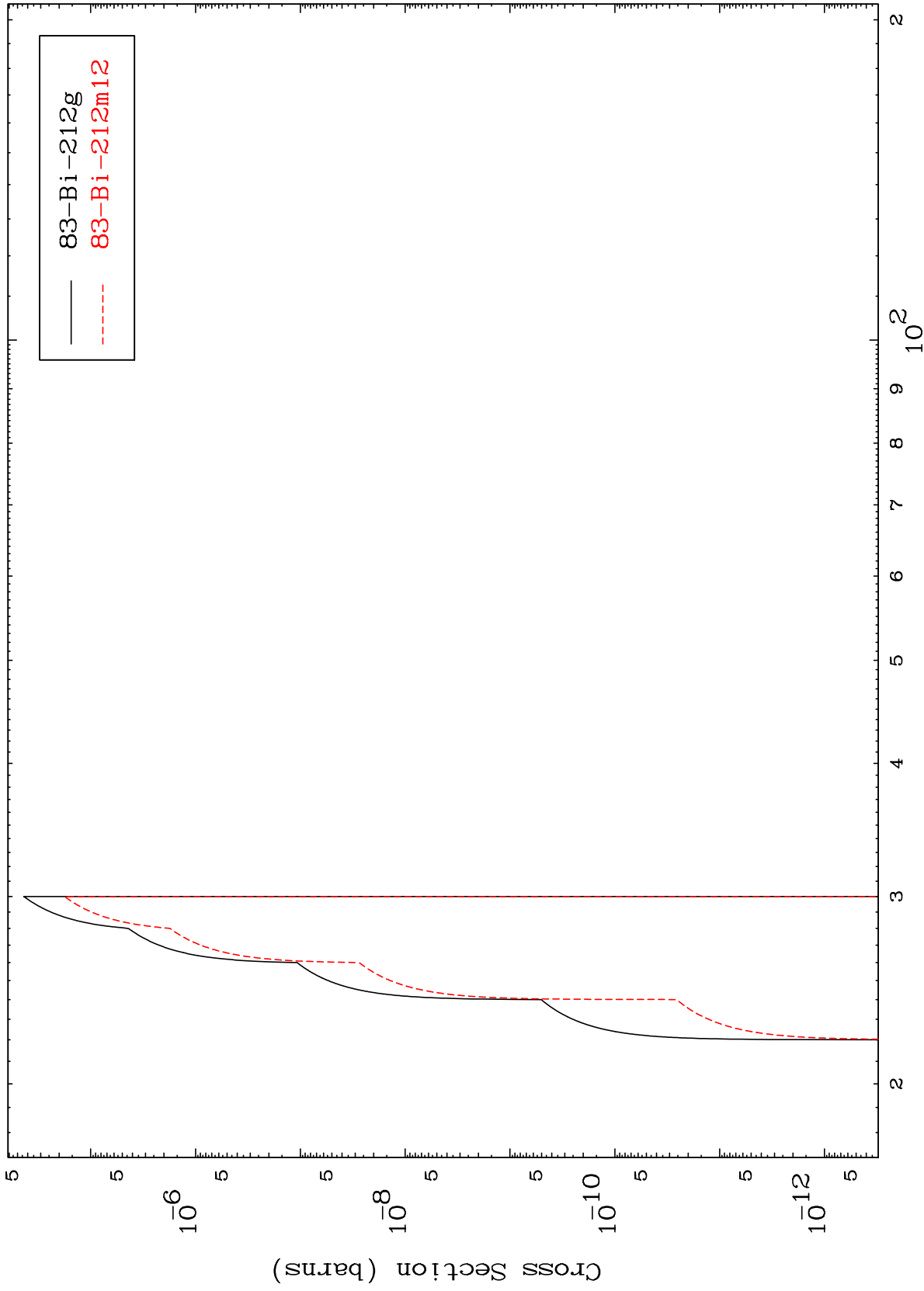
82-Pb-210

MAT 8243

(n,d)

82-Pb-210

Radionuclide Production Cross Section



15

Incident Energy (MeV)

82-Pb-210