

Program EVALPLOT
(Version 2021-1)

by

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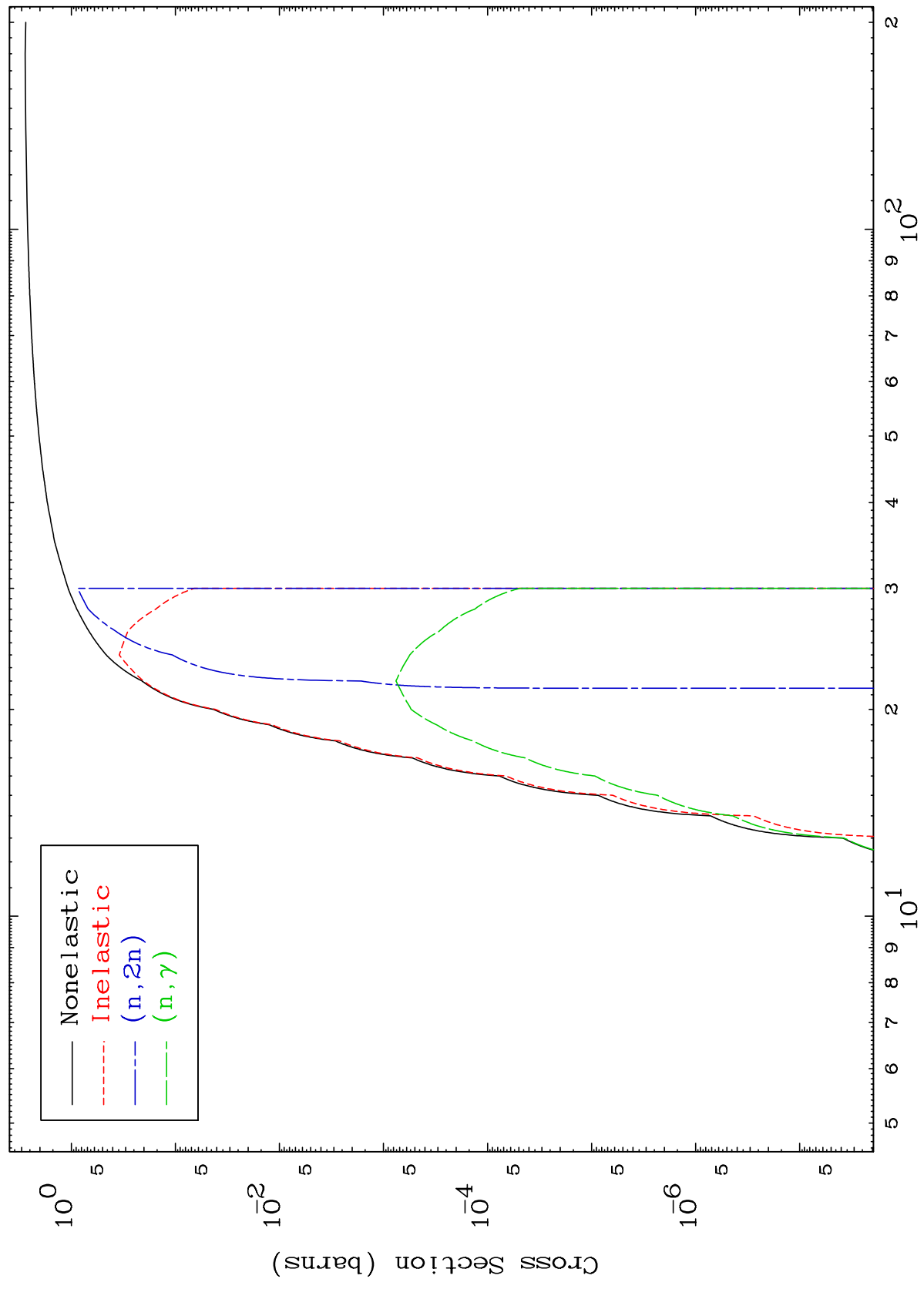
Press Mouse Button to Start

MAT 8217

0 Kelvin

α Major Cross Sections

82-Pb-201m



1

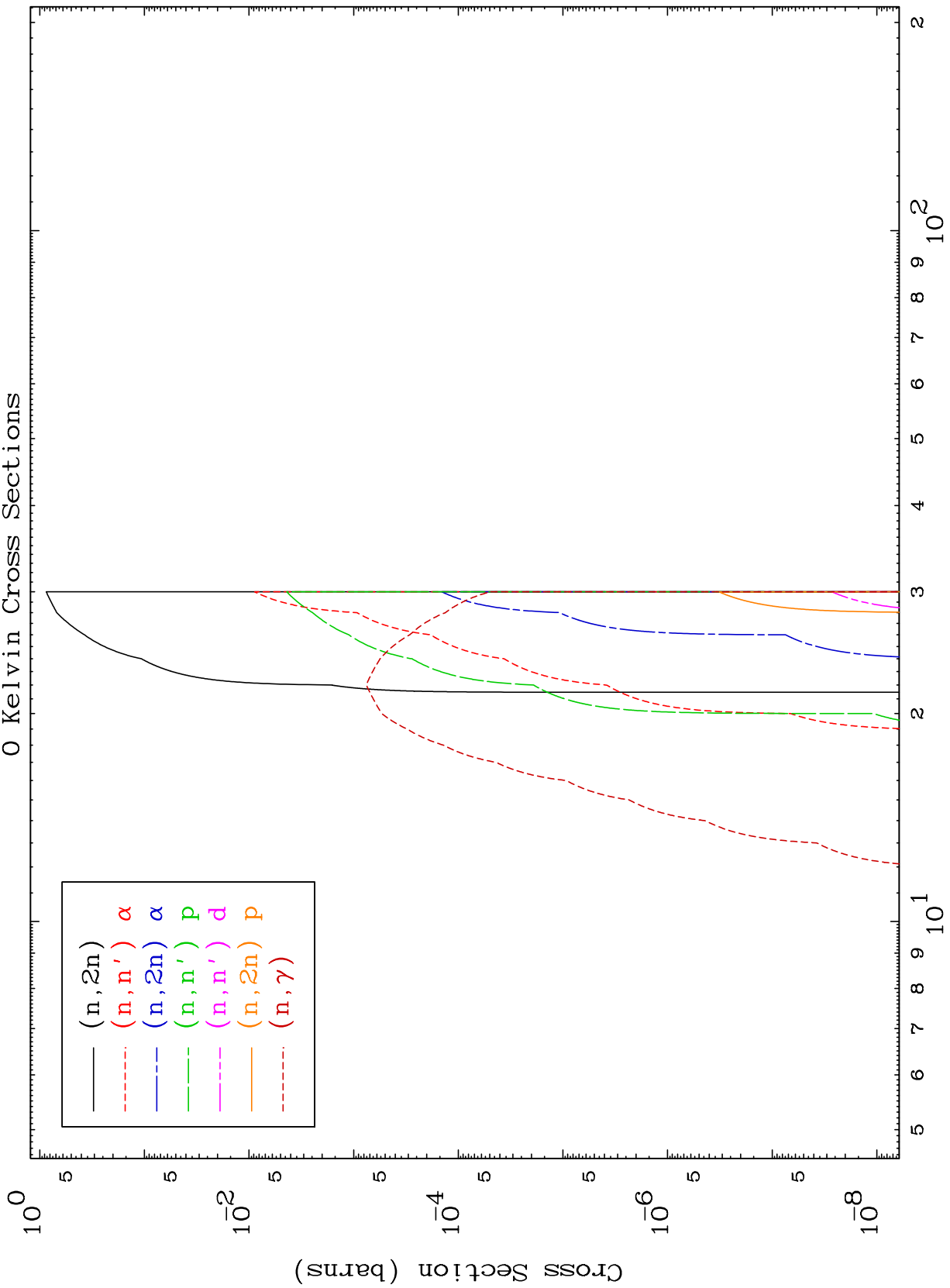
Incident Energy (MeV)

82-Pb-201m

MAT 8217

α Neutron Absorption
0 Kelvin Cross Sections

82-Pb-201m



2

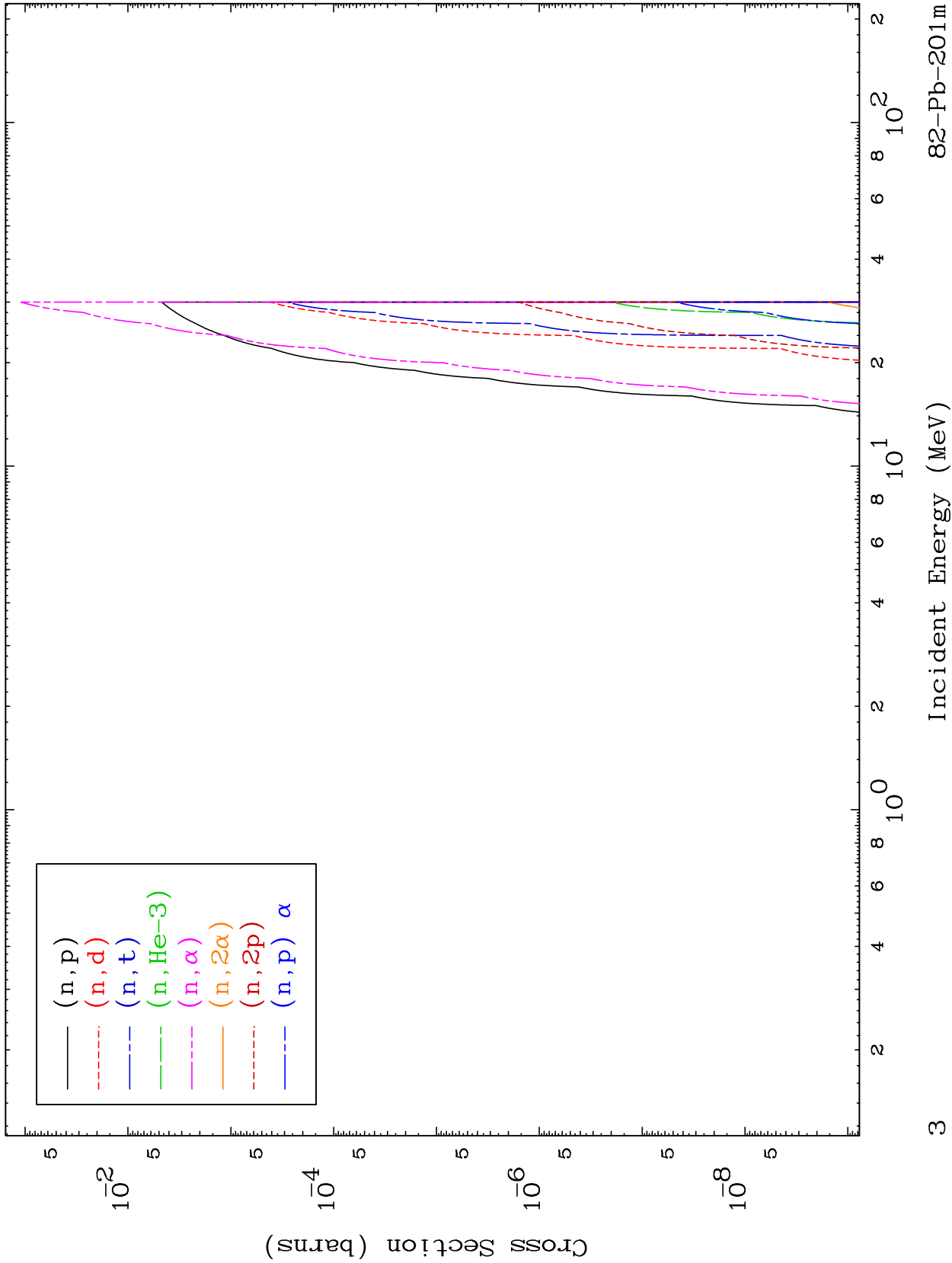
Incident Energy (MeV)

82-Pb-201m

MAT 8217

α Neutron Absorption
0 Kelvin Cross Sections

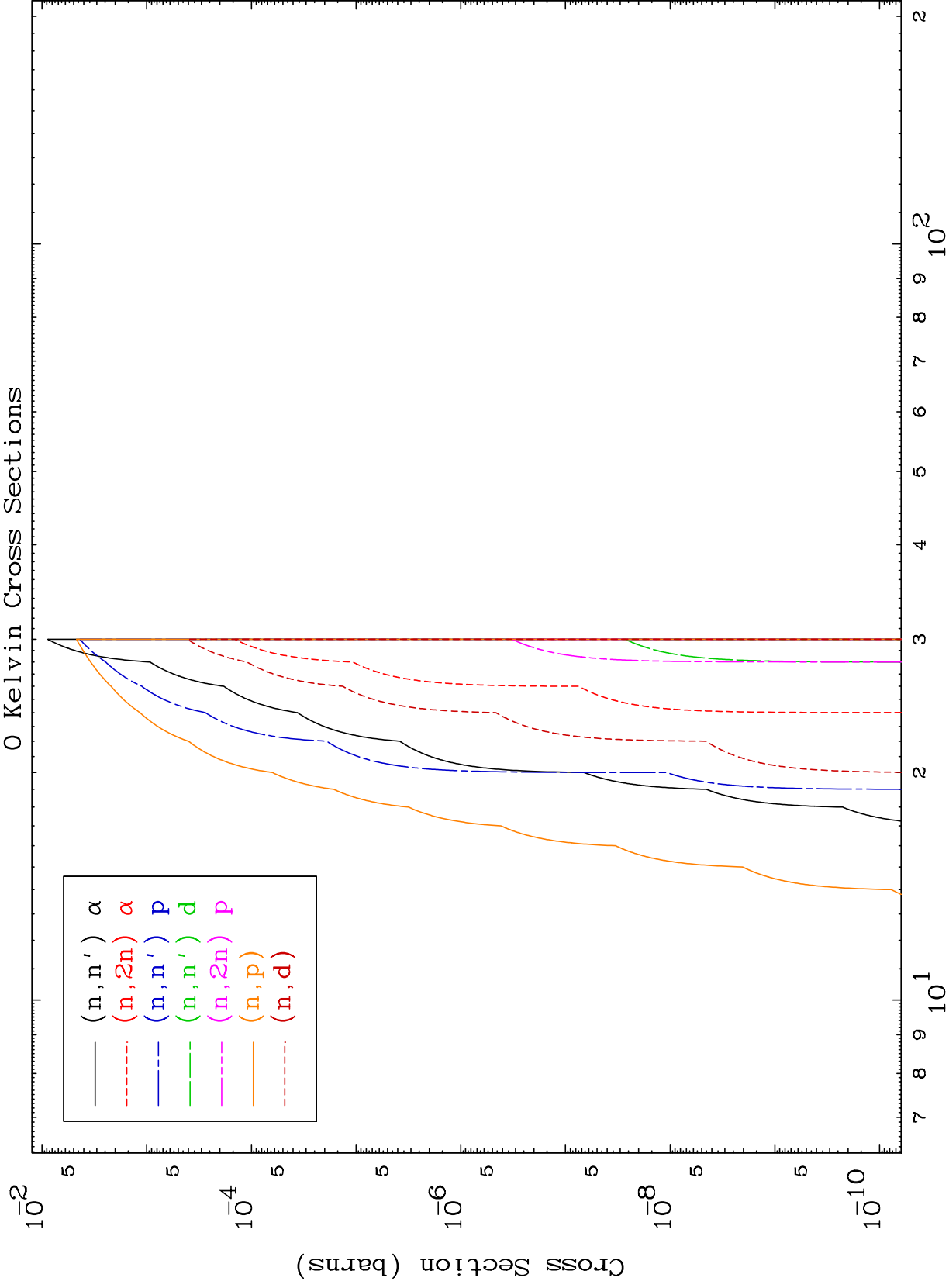
82-Pb-201m



MAT 8217

α Charged Particle
0 Kelvin Cross Sections

82-Pb-201m



4

Incident Energy (MeV)

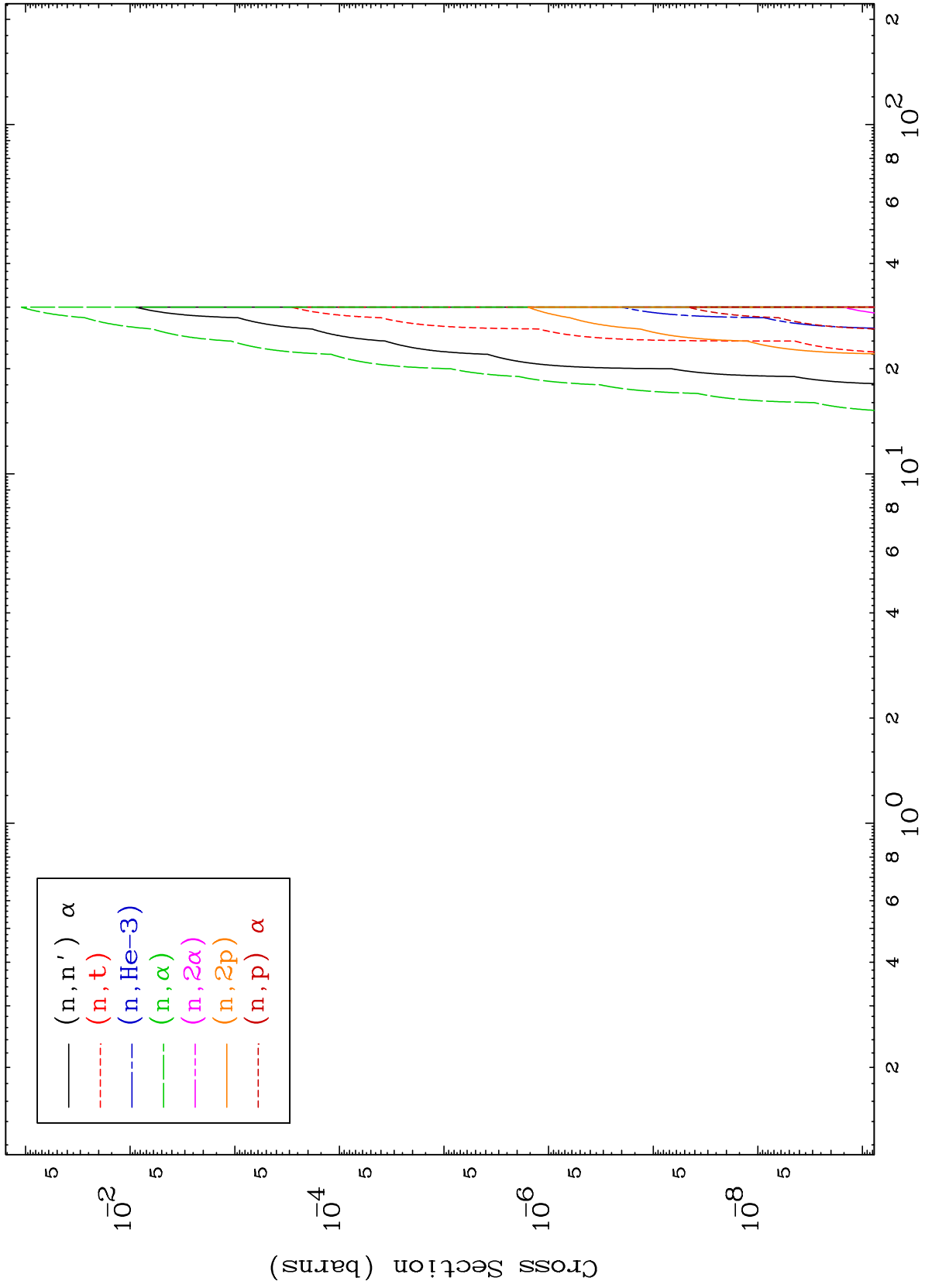
82-Pb-201m

MAT 8217

α Charged Particle

82-Pb-201m

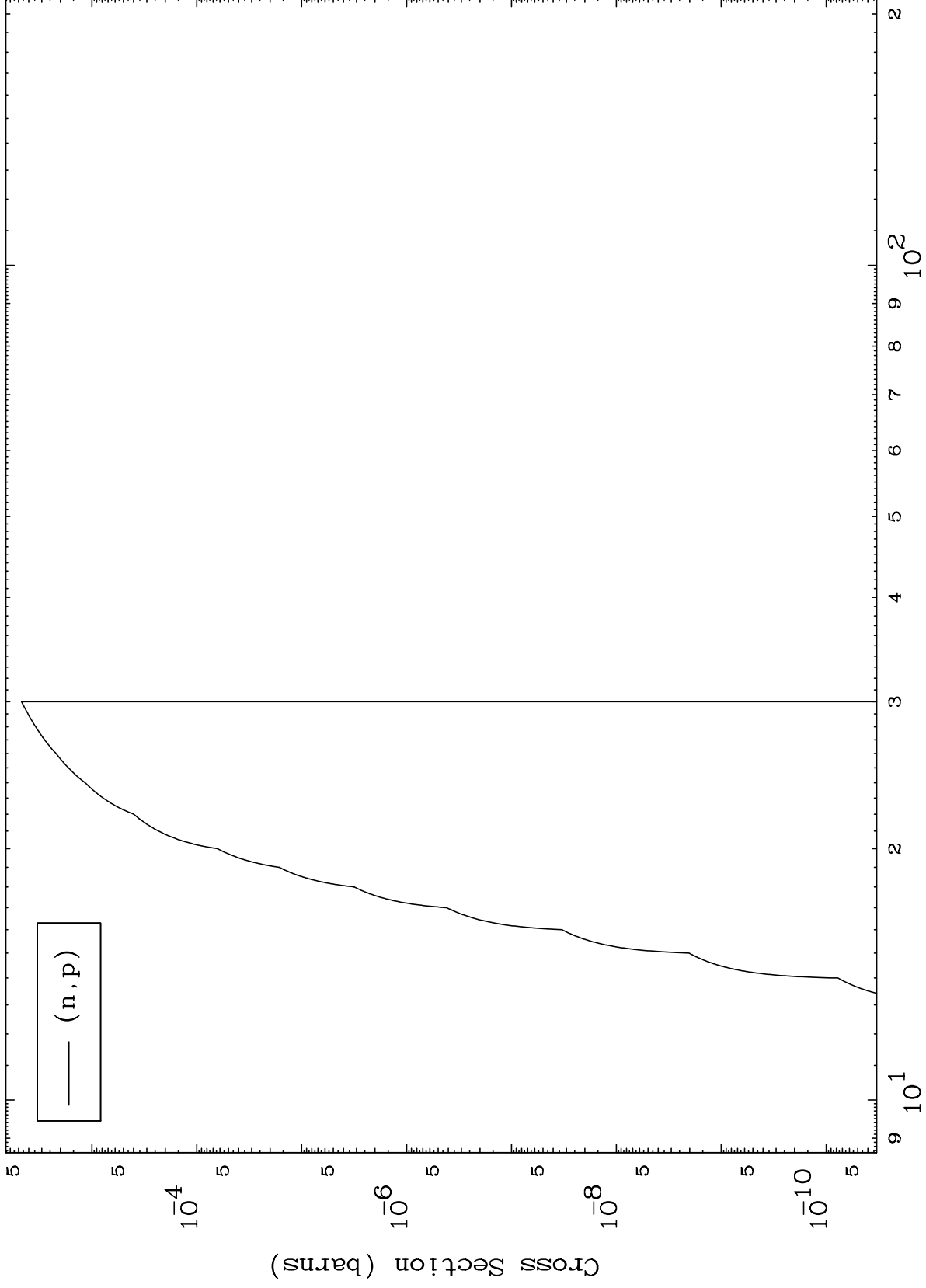
0 Kelvin Cross Sections



MAT 8217

(α, p) Levels
0 Kelvin Cross Sections

$^{82}\text{Pb-201m}$



$^{82}\text{Pb-201m}$

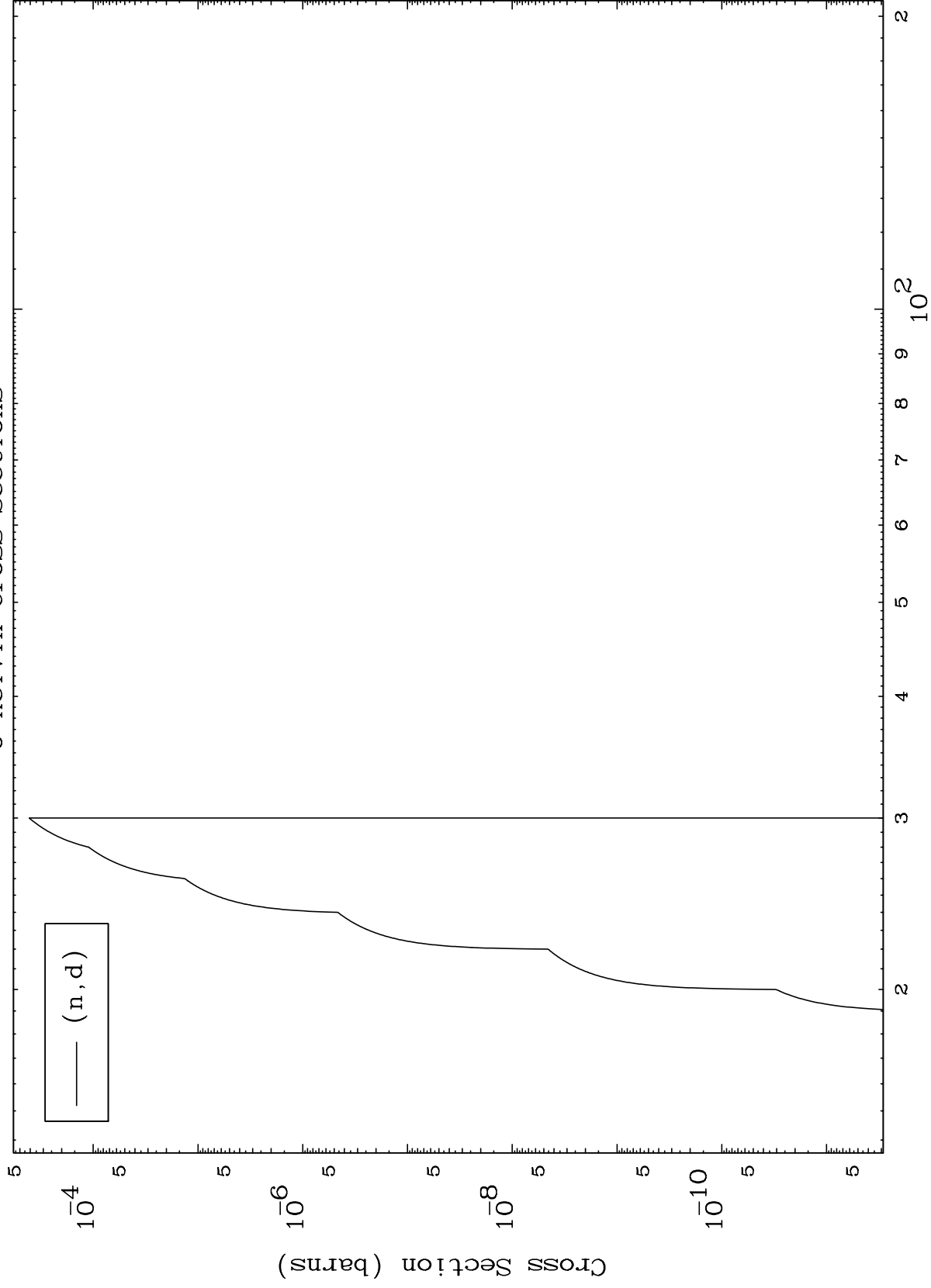
Incident Energy (MeV)

6

MAT 8217

(α, d) Levels
0 Kelvin Cross Sections

82-Pb-201m



7

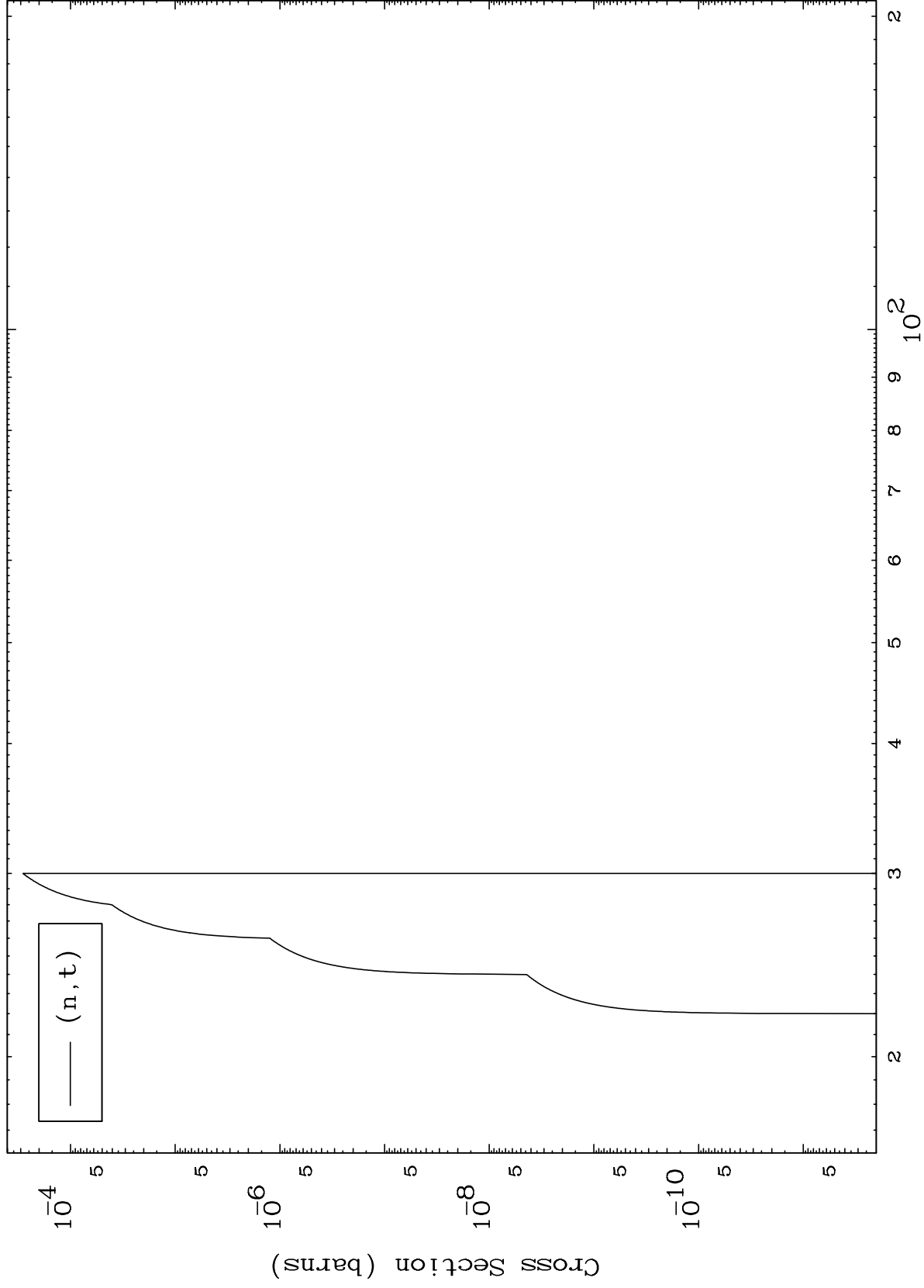
Incident Energy (MeV)

82-Pb-201m

MAT 8217

(α, t) Levels
0 Kelvin Cross Sections

82-Pb-201m

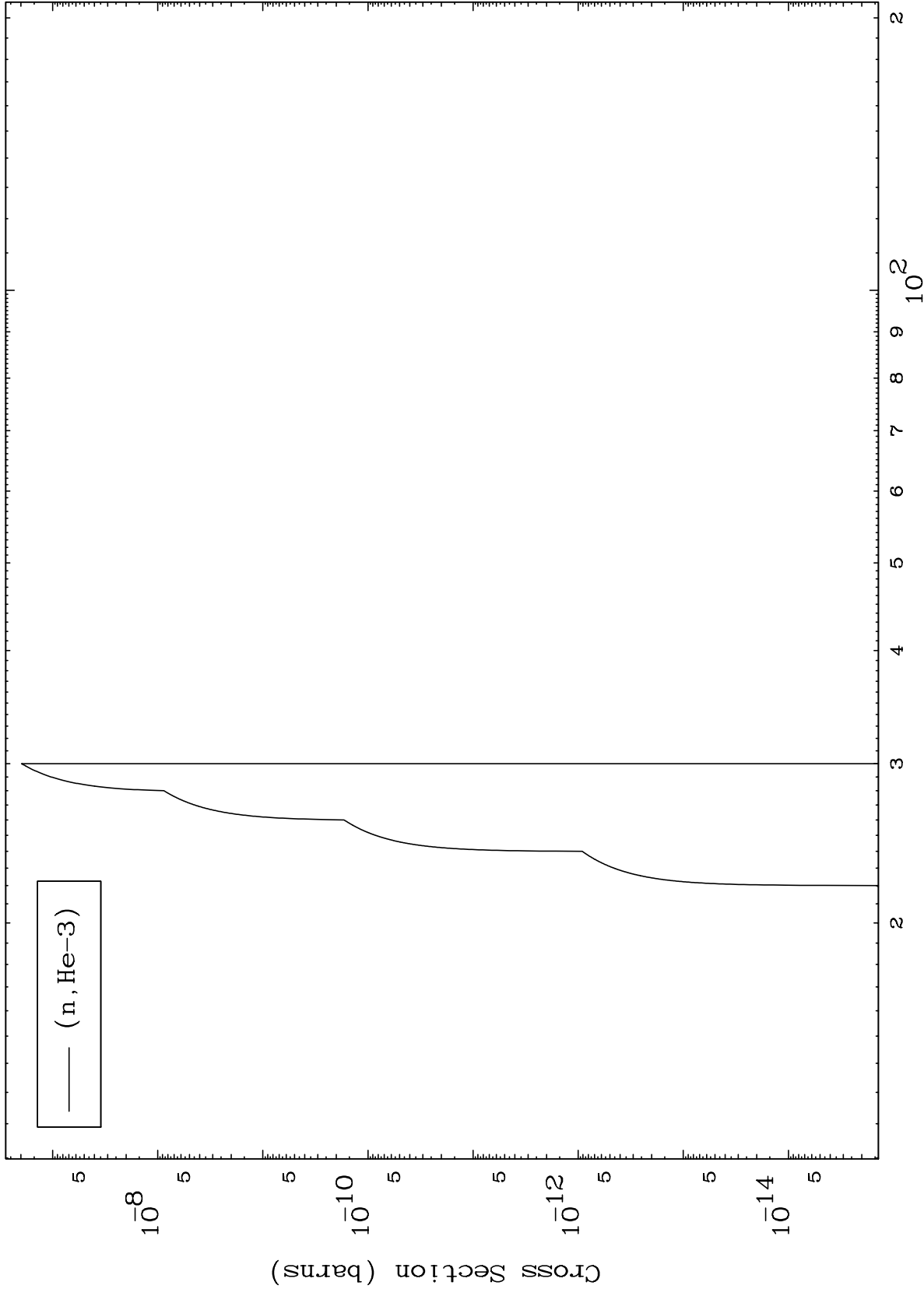


8

Incident Energy (MeV)

82-Pb-201m

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

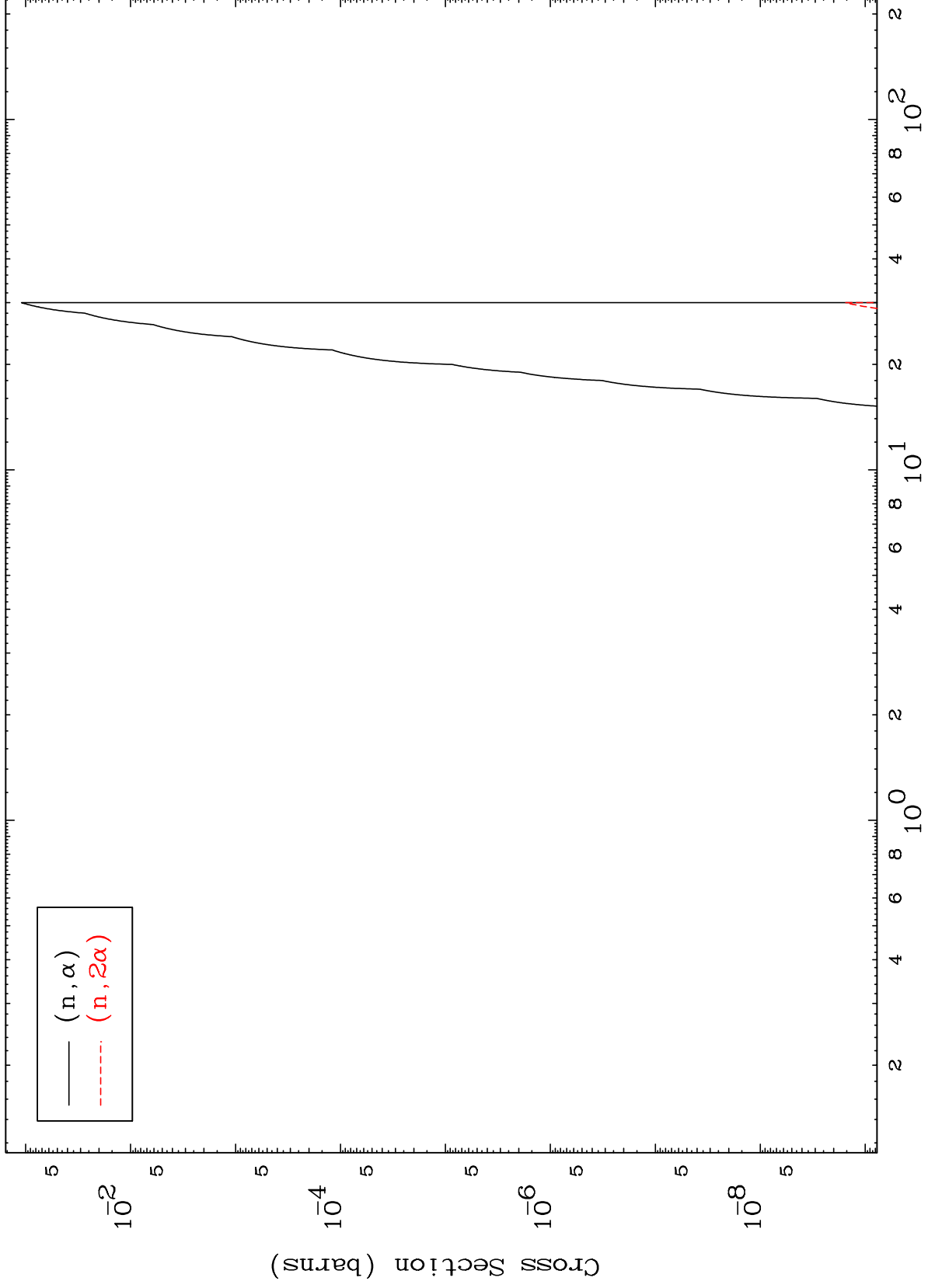


MAT 8217

(α, α) Levels

82-Pb-201m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

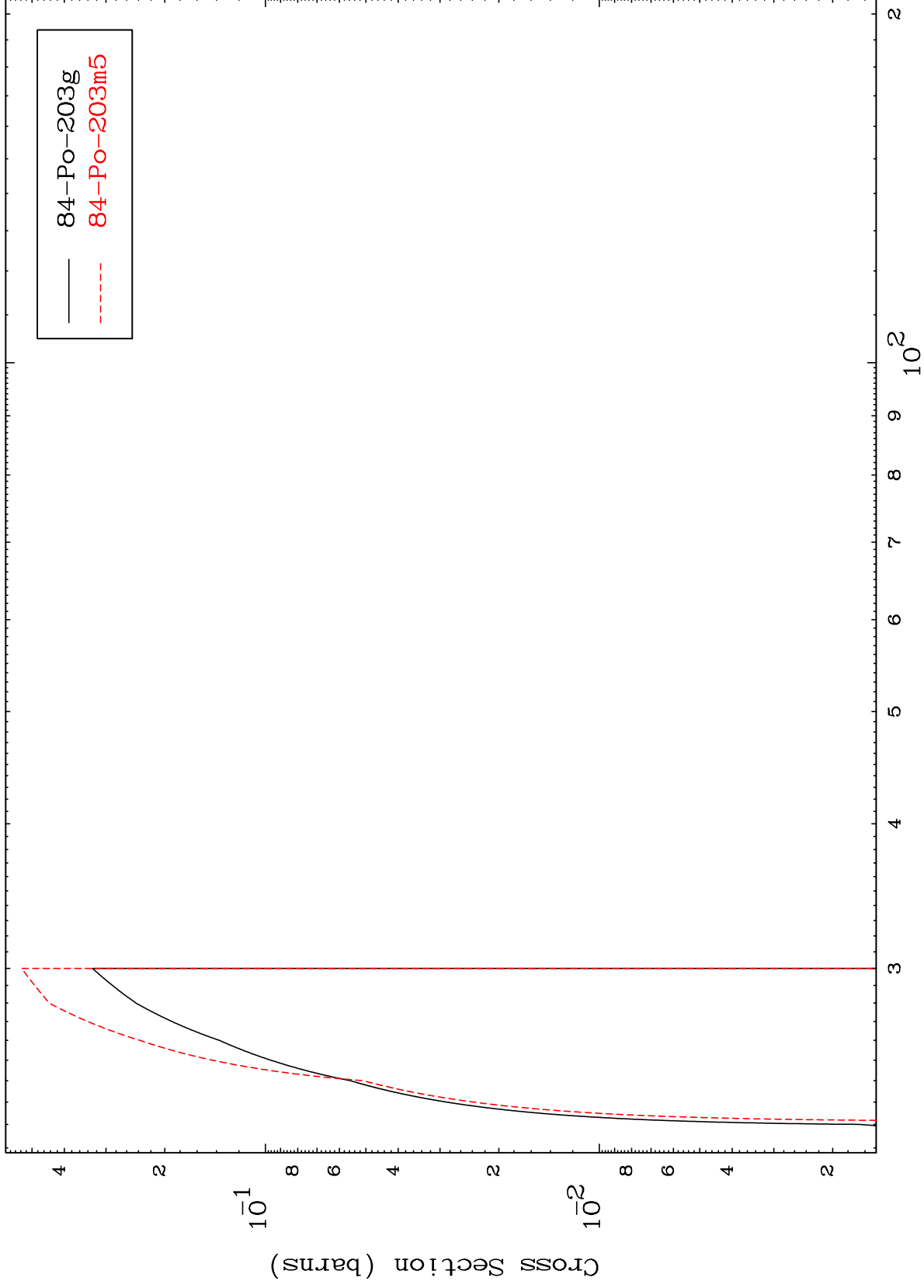
82-Pb-201m

MAT 8217

(n,2n)

82-Pb-201m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

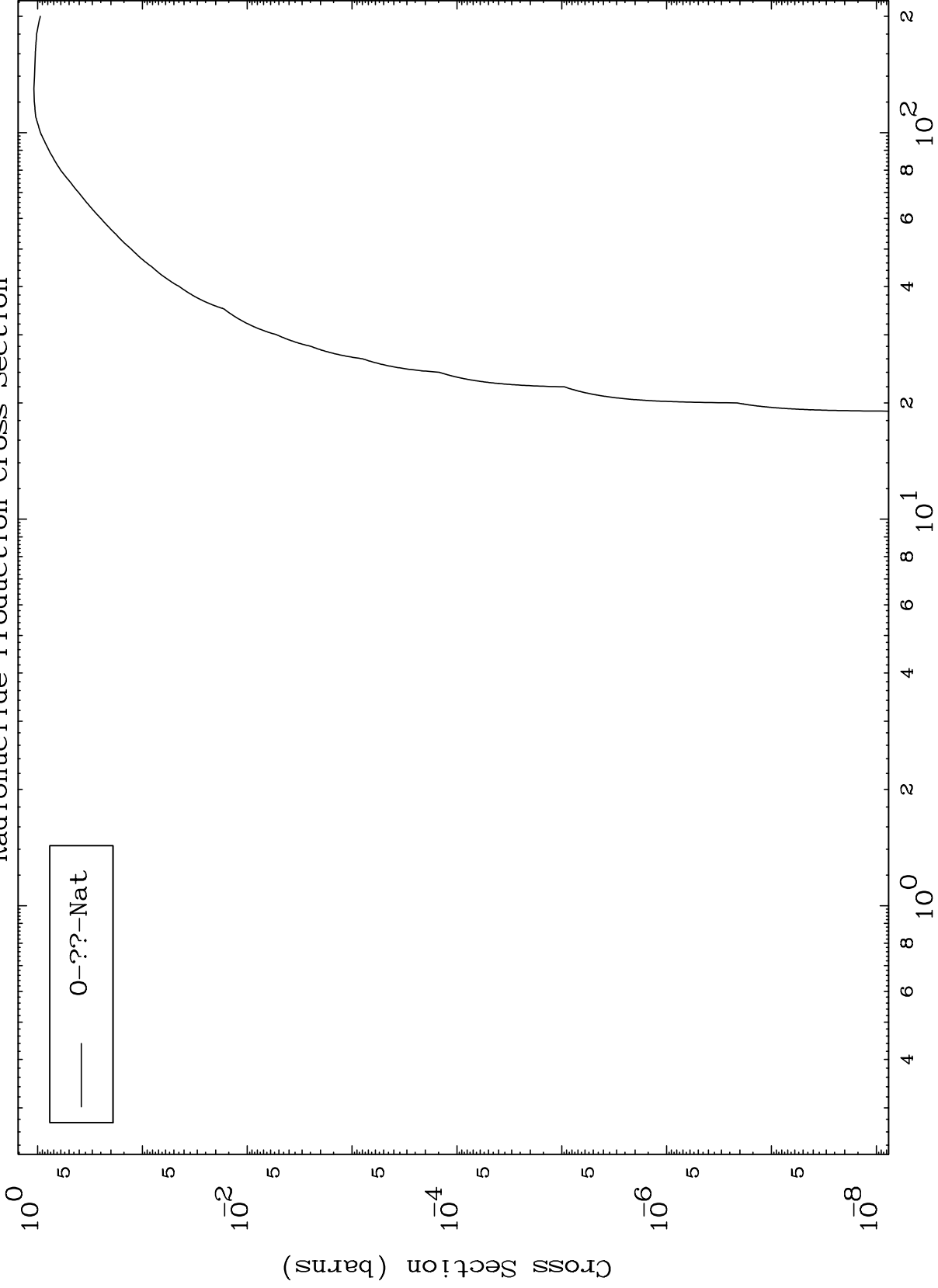
82-Pb-201m

MAT 8217

Fission

82-Pb-201m

Radionuclide Production Cross Section



12

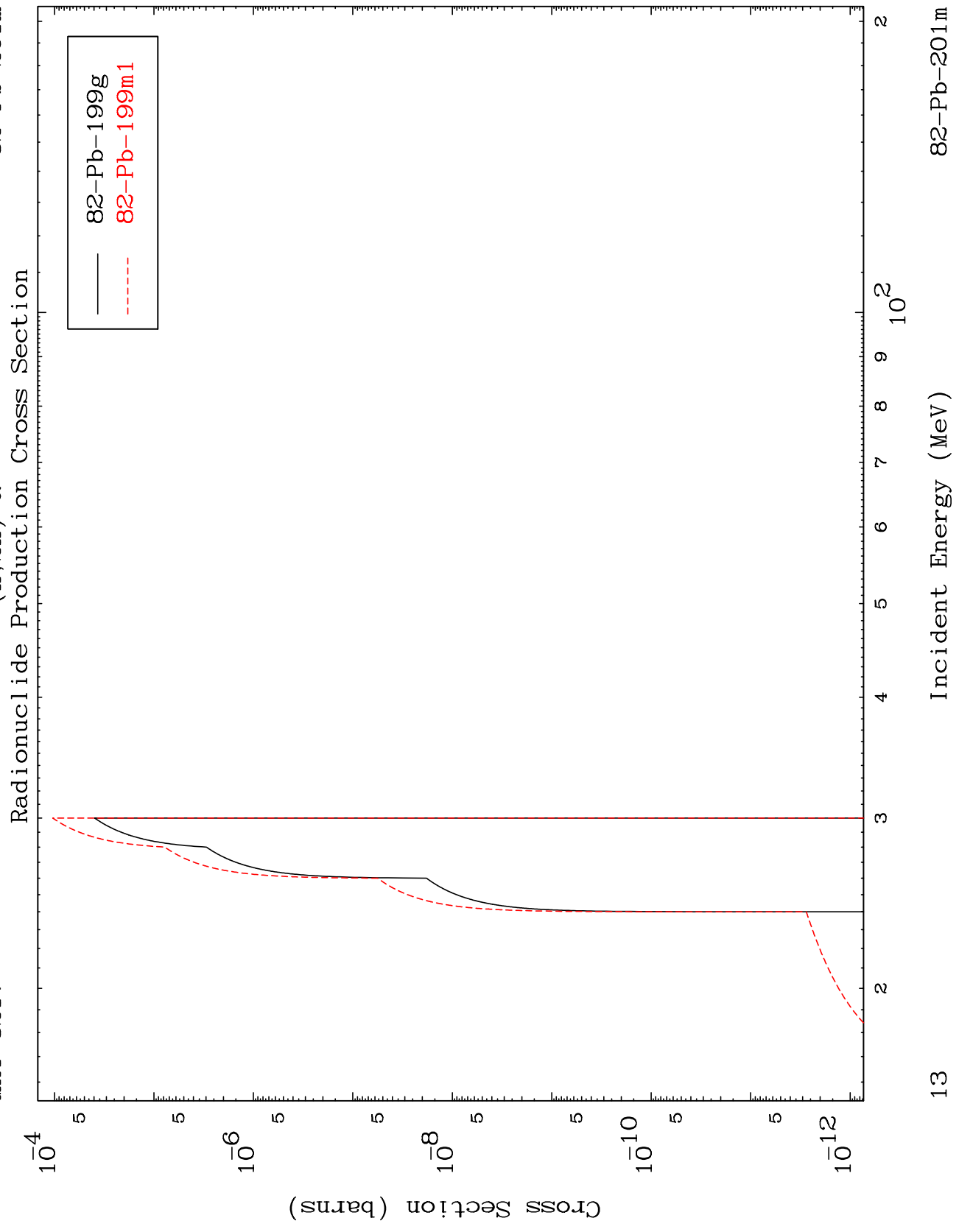
Incident Energy (MeV)

82-Pb-201m

MAT 8217

$(n,2n) \alpha$

82-Pb-201m



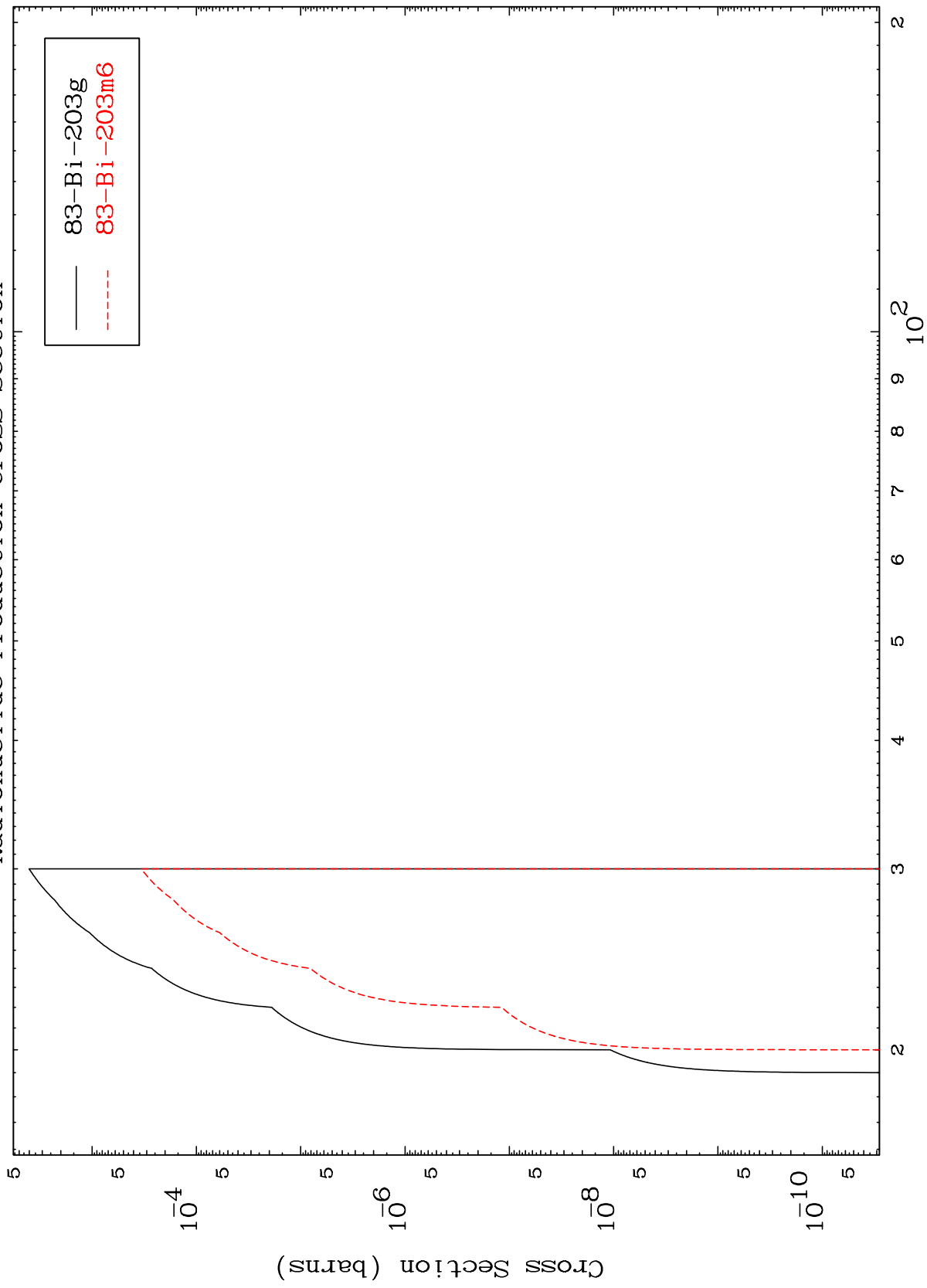
13

82-Pb-201m

MAT 8217

82-Pb-201m

(n, n') p
Radionuclide Production Cross Section



82-Pb-201m

Incident Energy (MeV)

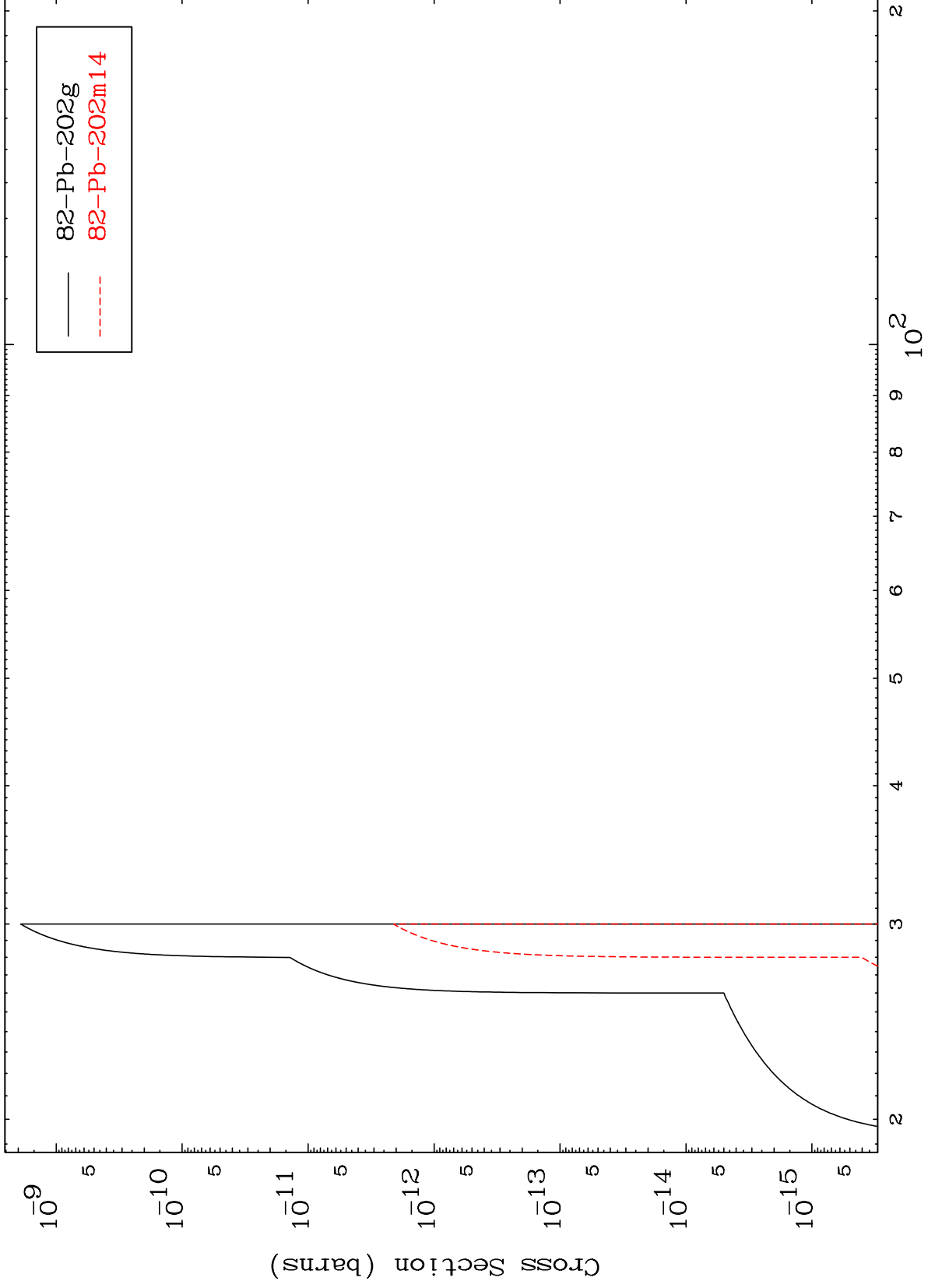
14

MAT 8217

(n,2n) p

82-Pb-201m

Radionuclide Production Cross Section



15

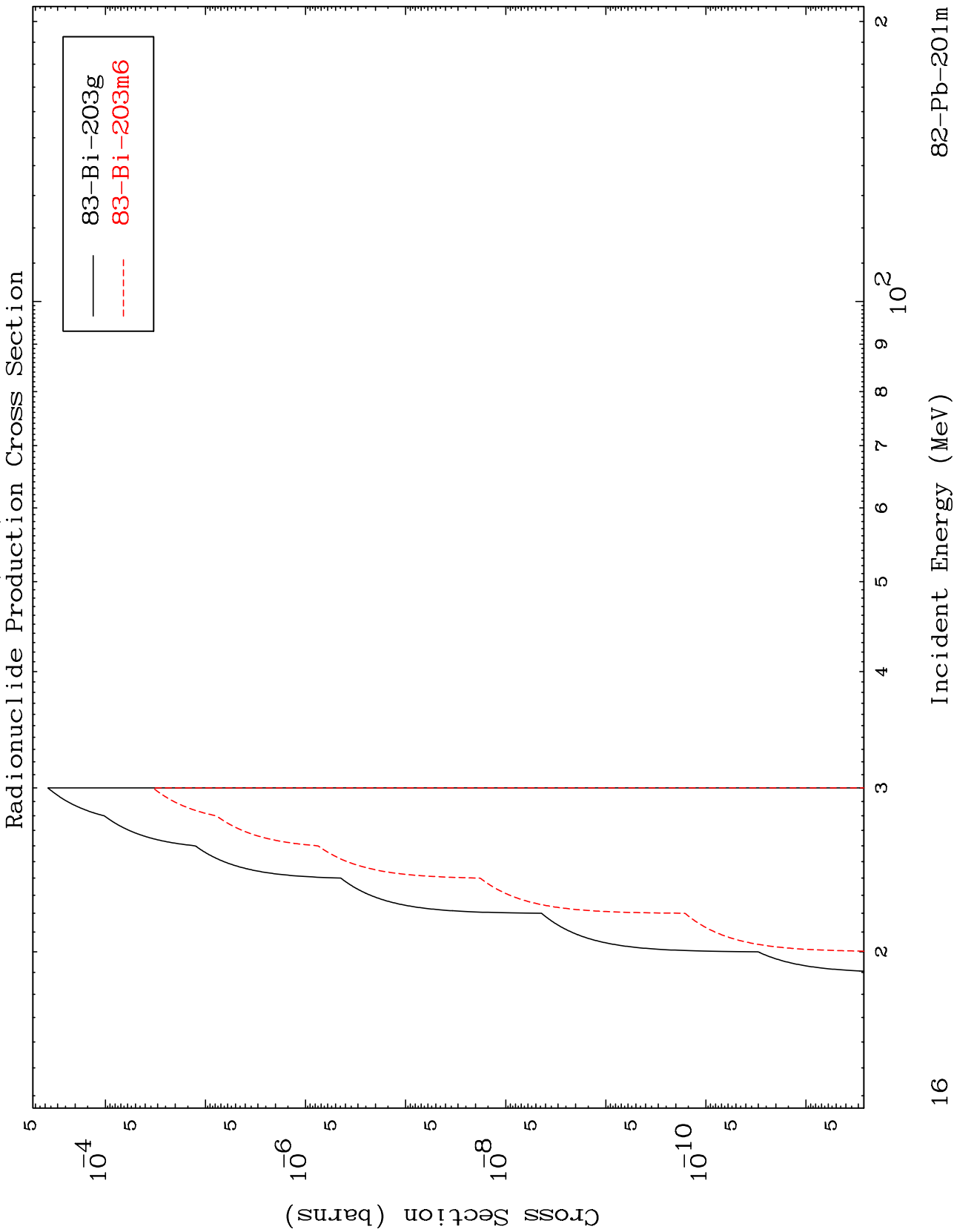
Incident Energy (MeV)

82-Pb-201m

MAT 8217

(n,d)

82-Pb-201m

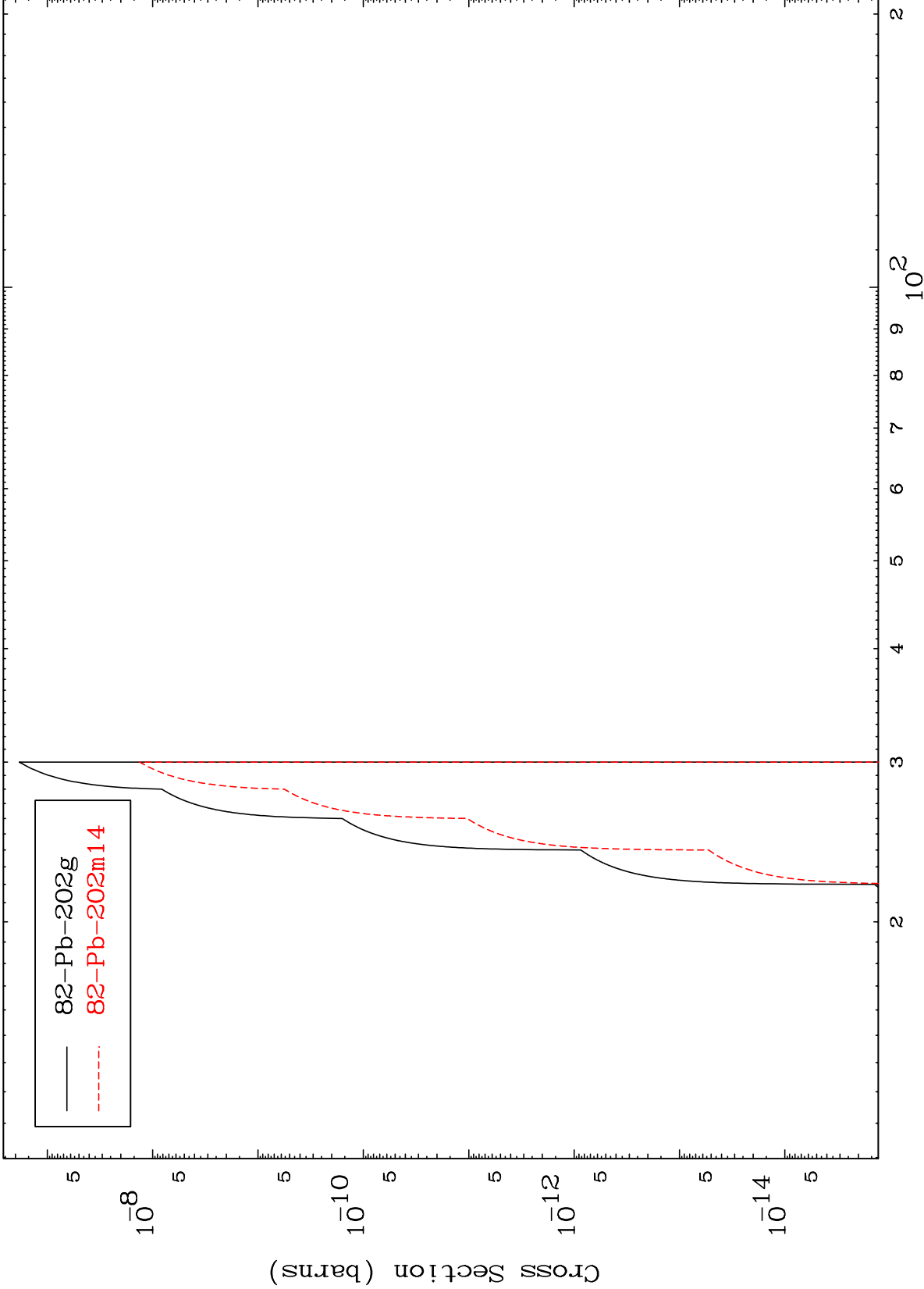


MAT 8217

(n,He-3)

82-Pb-201m

Radionuclide Production Cross Section



17

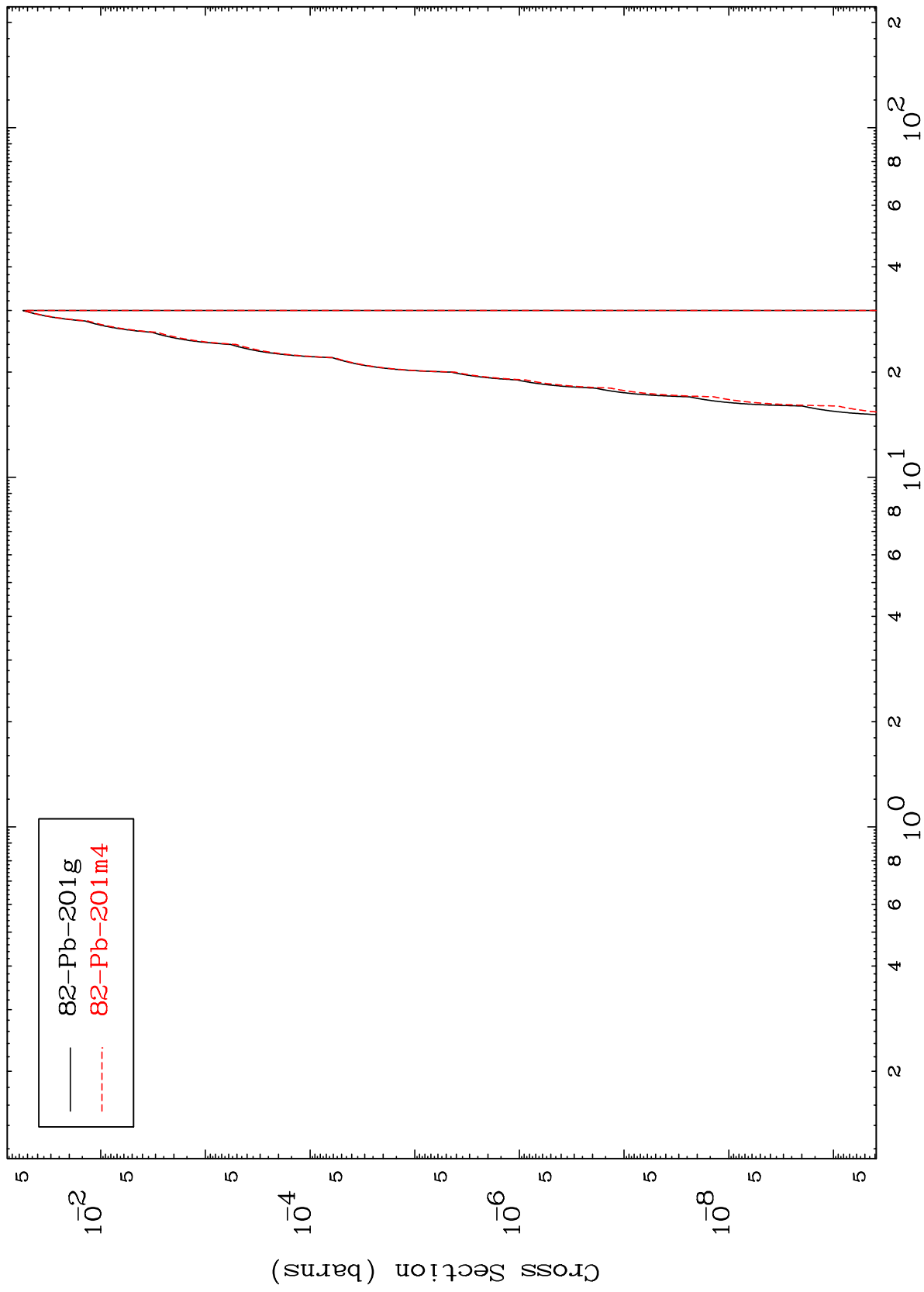
Incident Energy (MeV)

82-Pb-201m

MAT 8217

⁸²Pb-201m

Radionuclide Production Cross Section



18

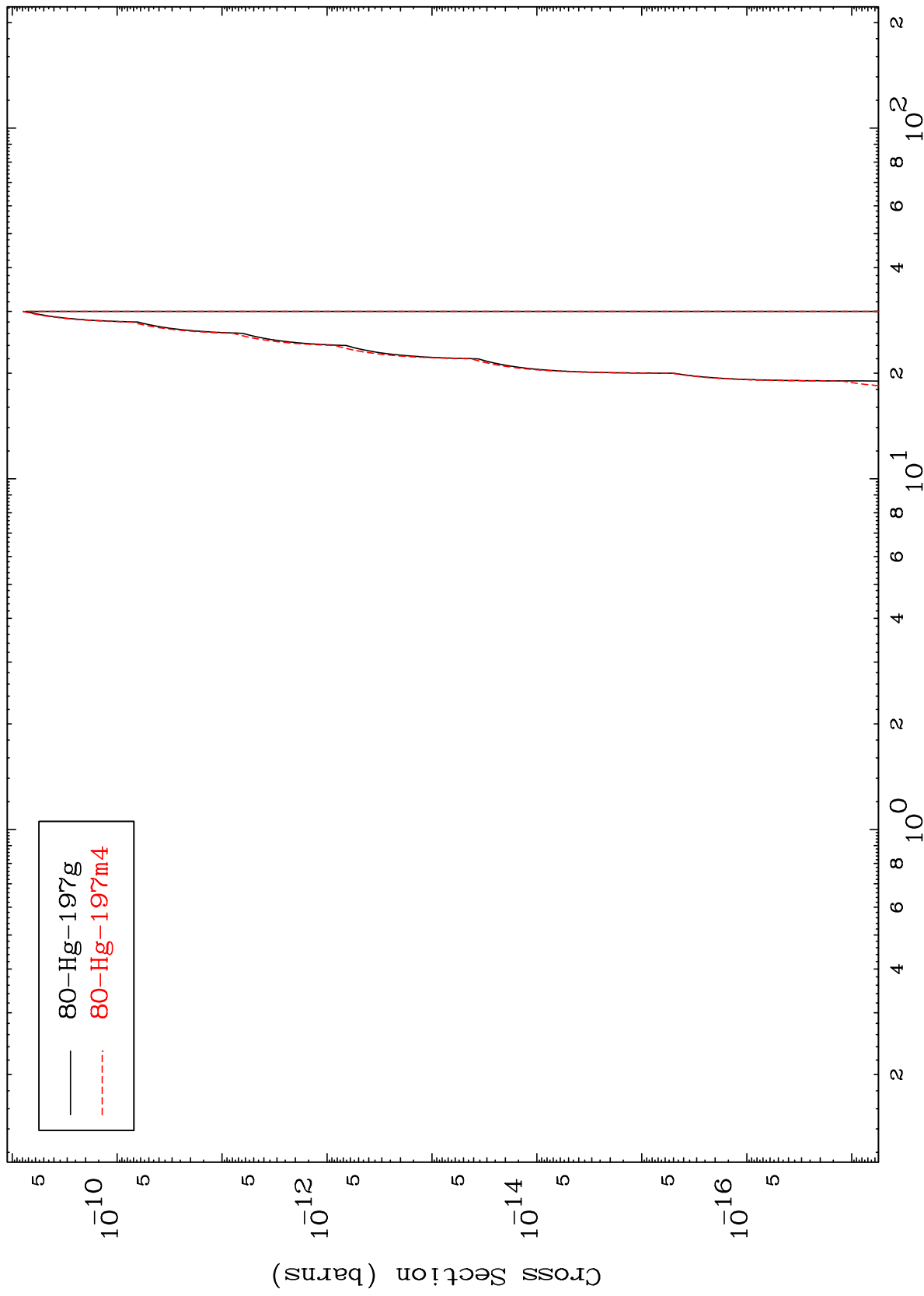
⁸²Pb-201m

Incident Energy (MeV)

MAT 8217

$^{82}\text{Pb-201m}$

$(n, 2\alpha)$
Radionuclide Production Cross Section



19

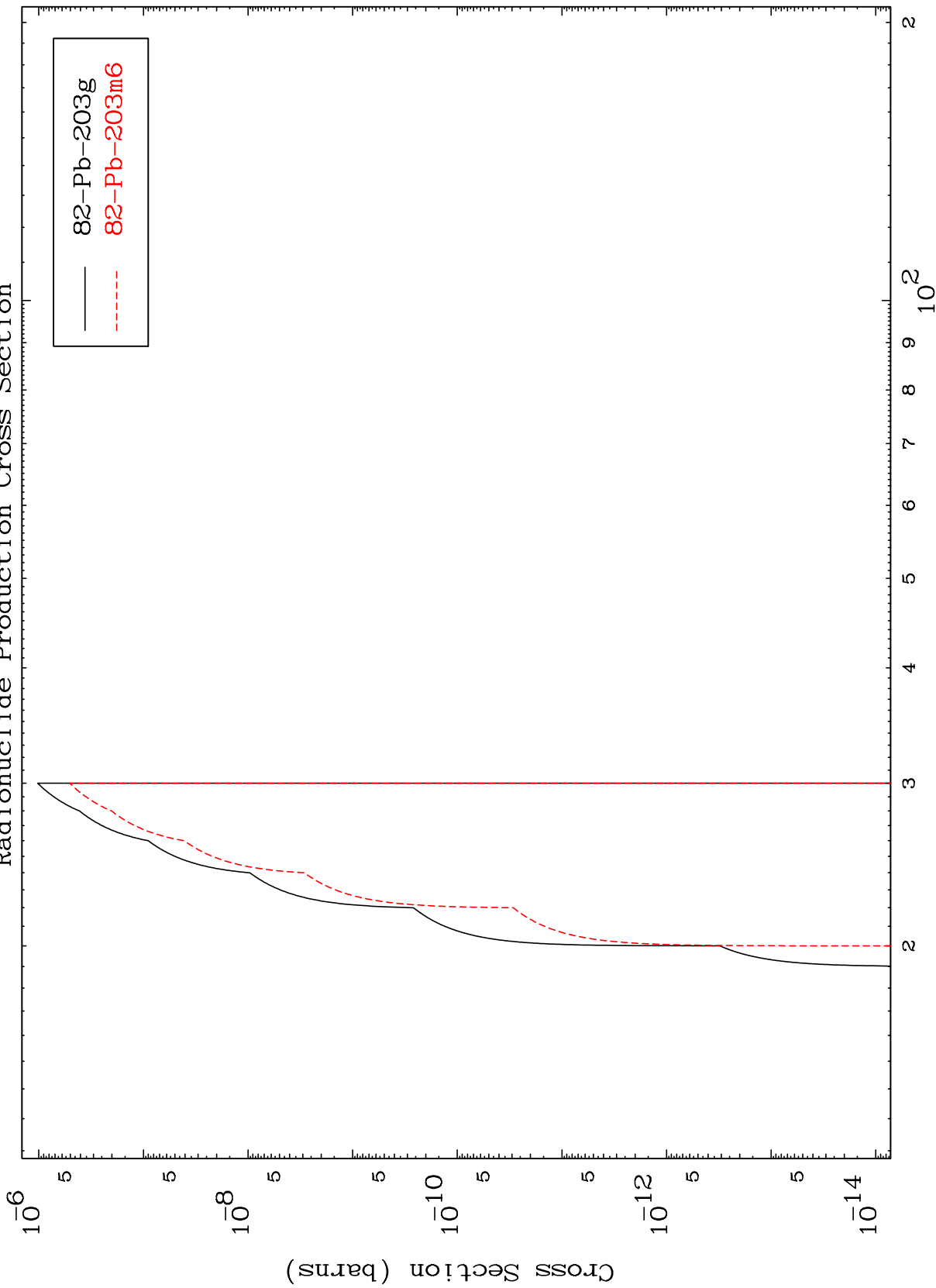
Incident Energy (MeV)

$^{82}\text{Pb-201m}$

MAT 8217

82-Pb-201m

(n,2p)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

82-Pb-201m