

Program EVALPLOT
(Version 2021-1)

by

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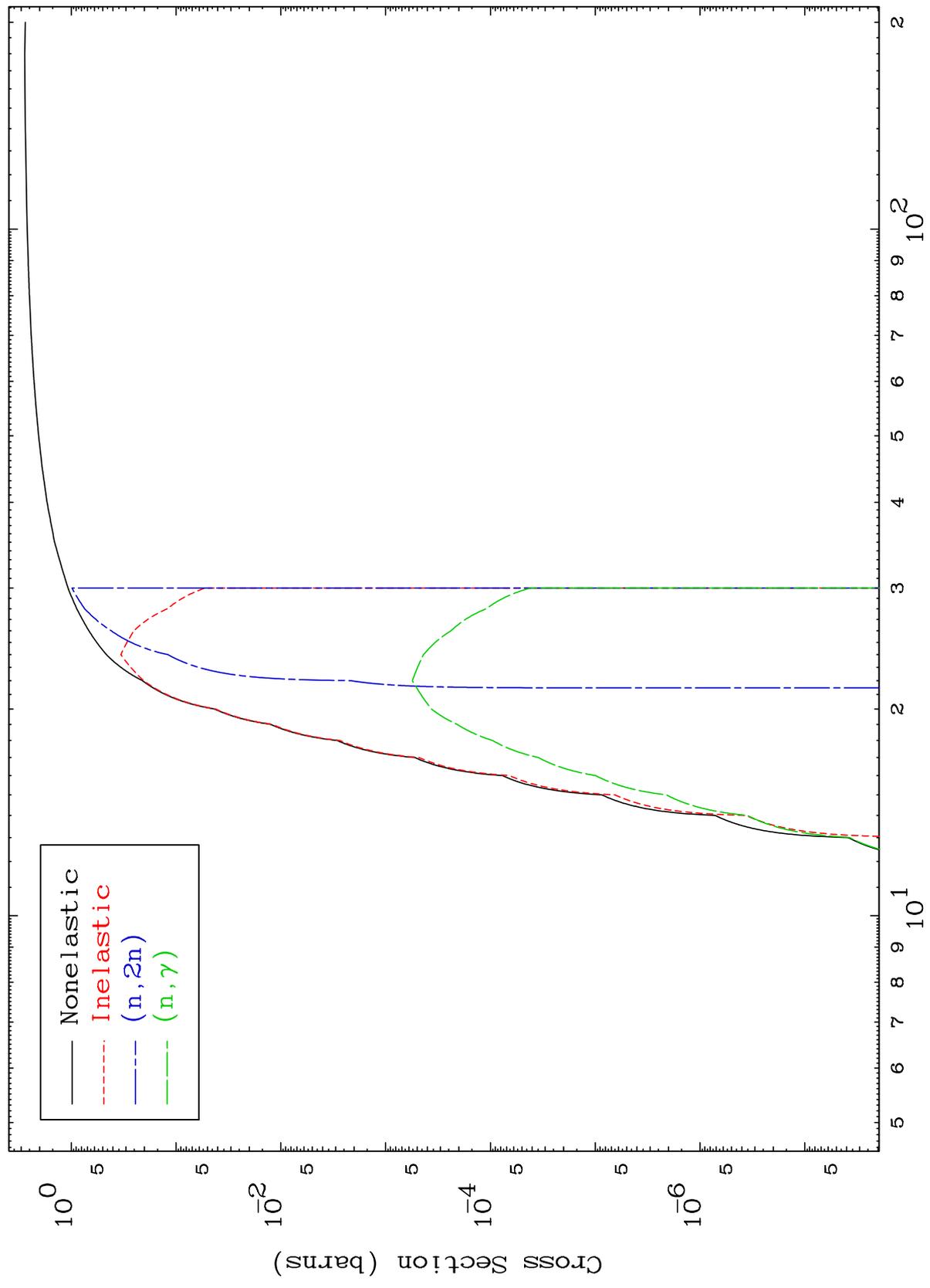
Press Mouse Button to Start

MAT 8217

α Major

82-Pb-201m

0 Kelvin Cross Sections



Incident Energy (MeV)

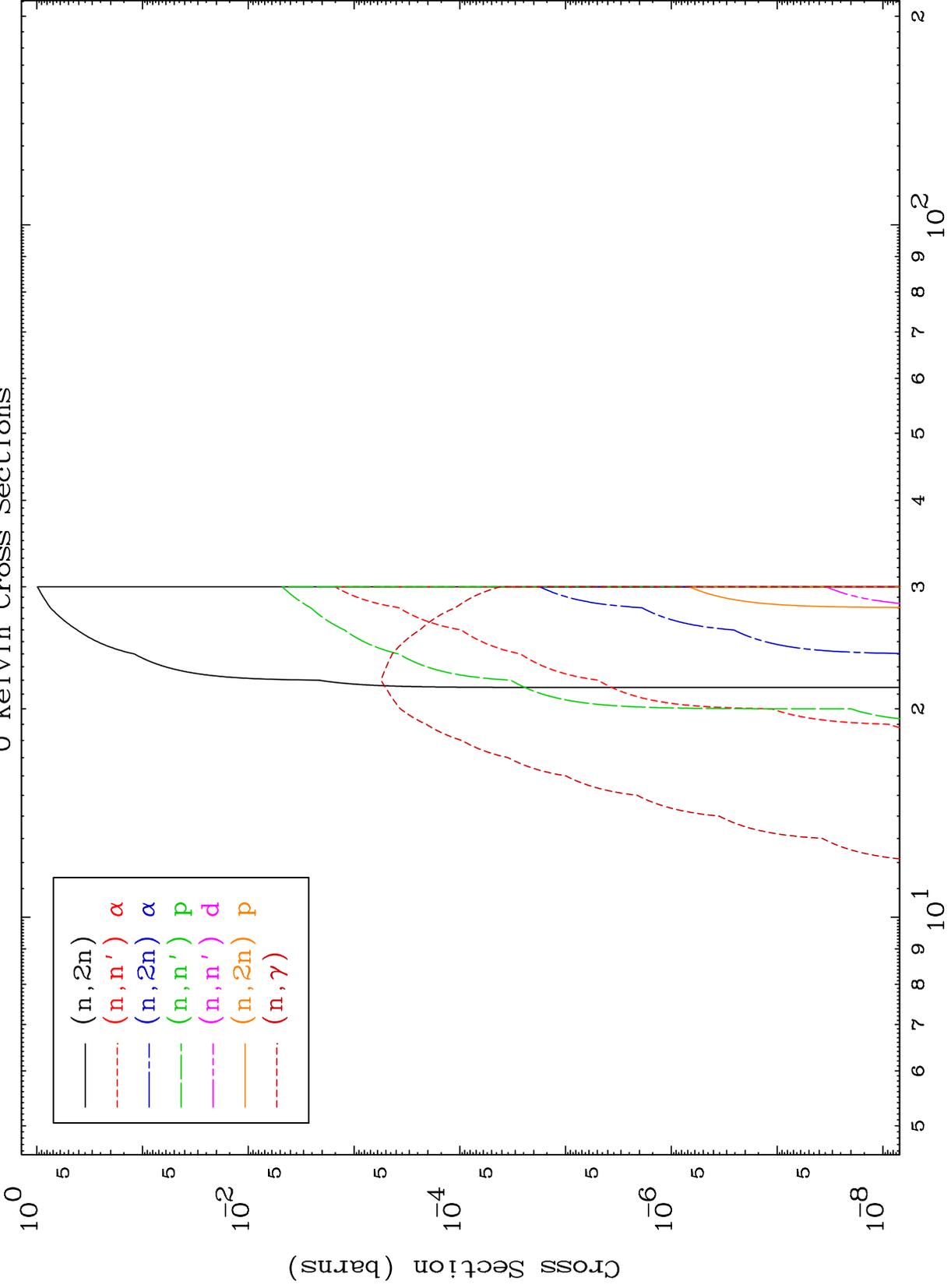
82-Pb-201m

1

MAT 8217

α Neutron Absorption
0 Kelvin Cross Sections

82-Pb-201m



2

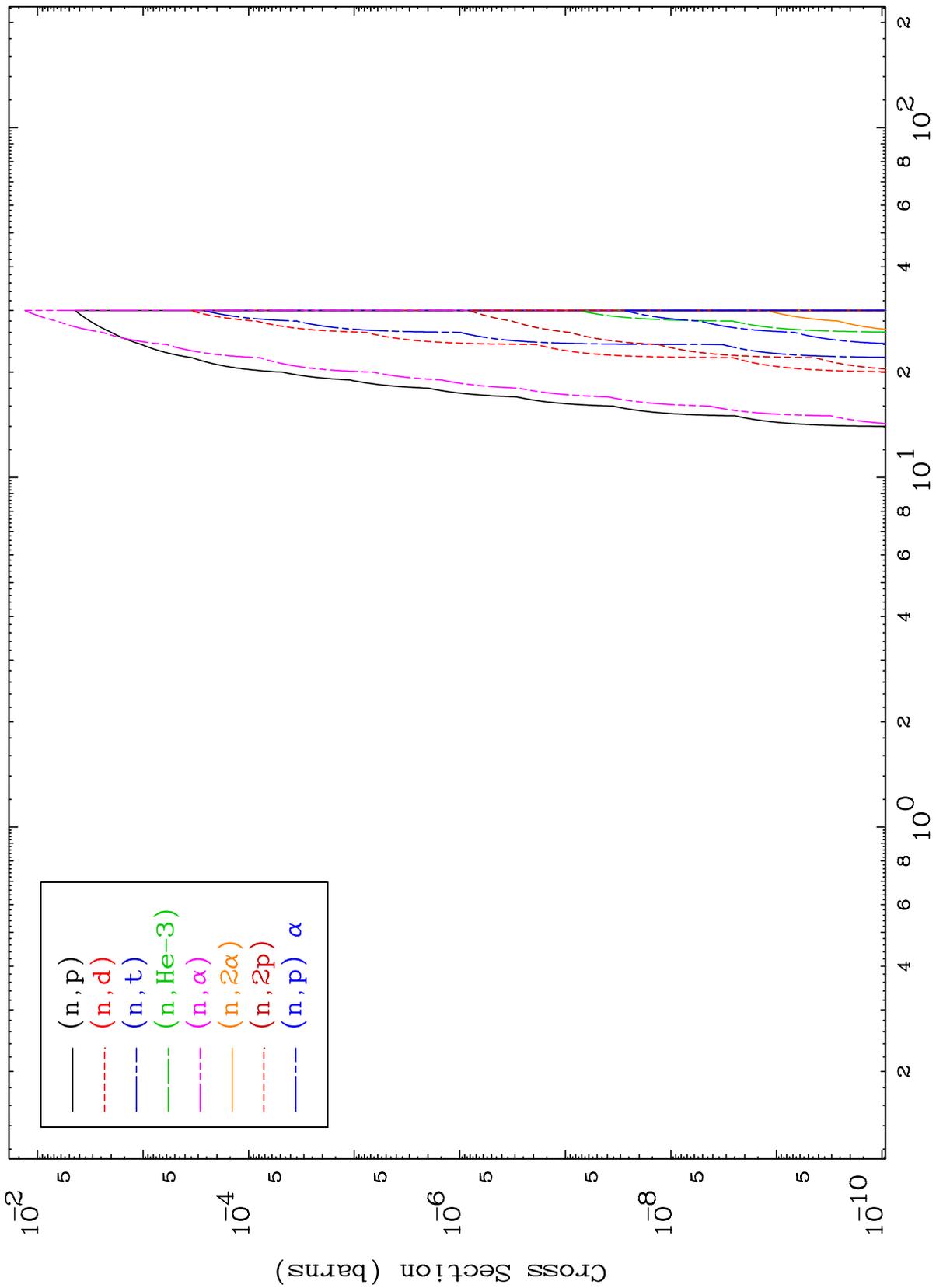
Incident Energy (MeV)

82-Pb-201m

MAT 8217

α Neutron Absorption
0 Kelvin Cross Sections

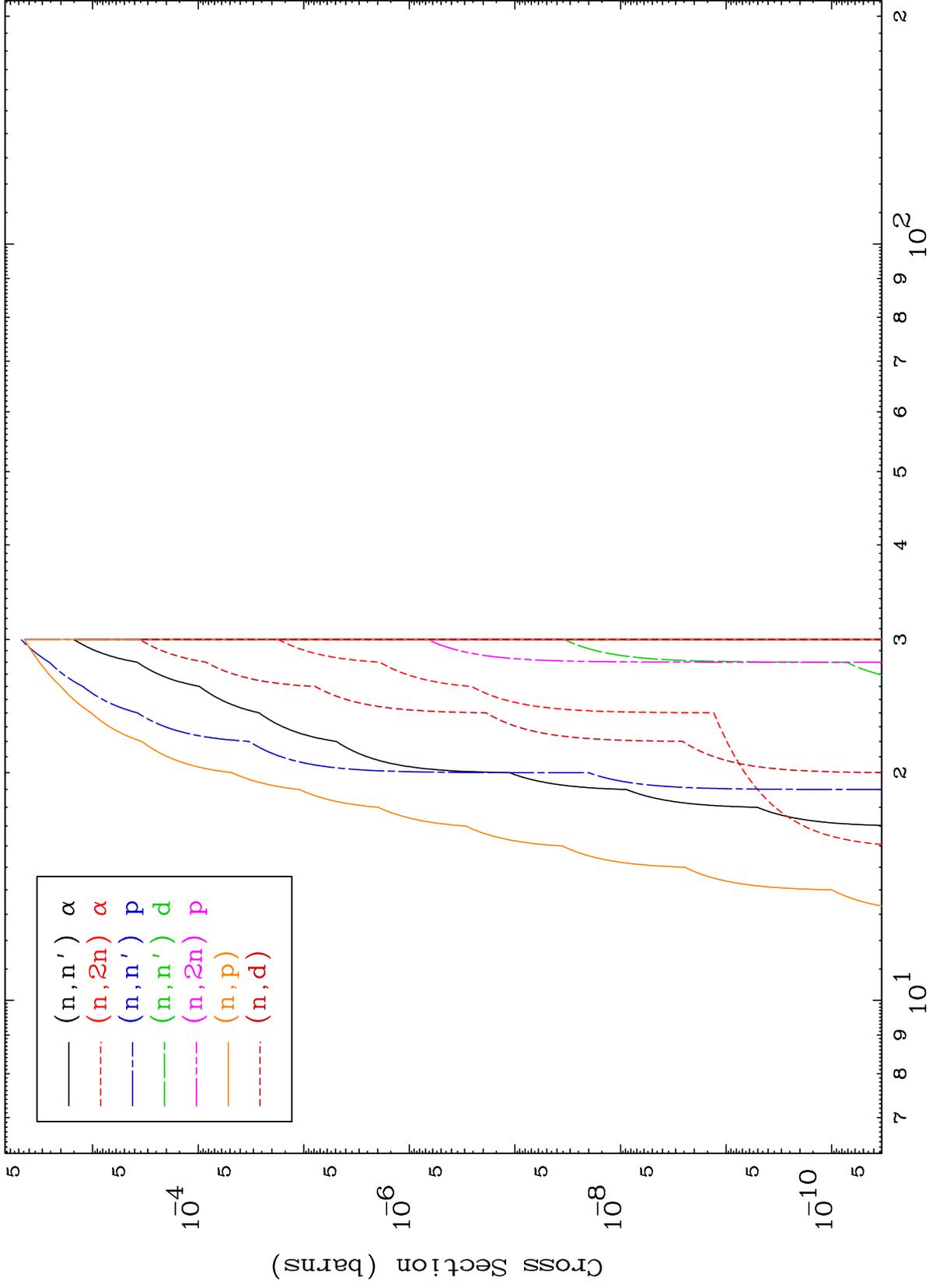
82-Pb-201m



MAT 8217

α Charged Particle
0 Kelvin Cross Sections

82-Pb-201m



4

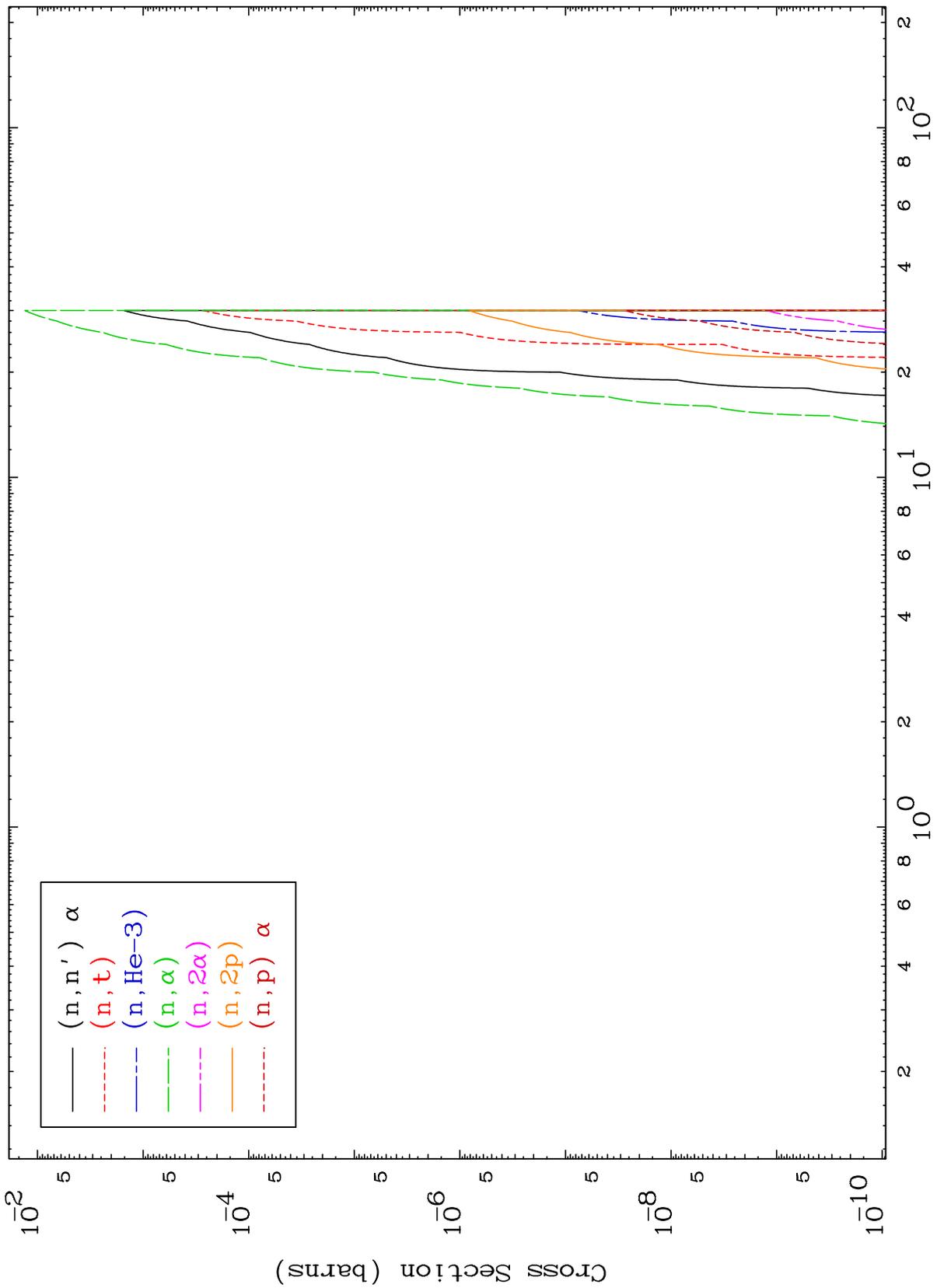
Incident Energy (MeV)

82-Pb-201m

MAT 8217

α Charged Particle
0 Kelvin Cross Sections

82-Pb-201m

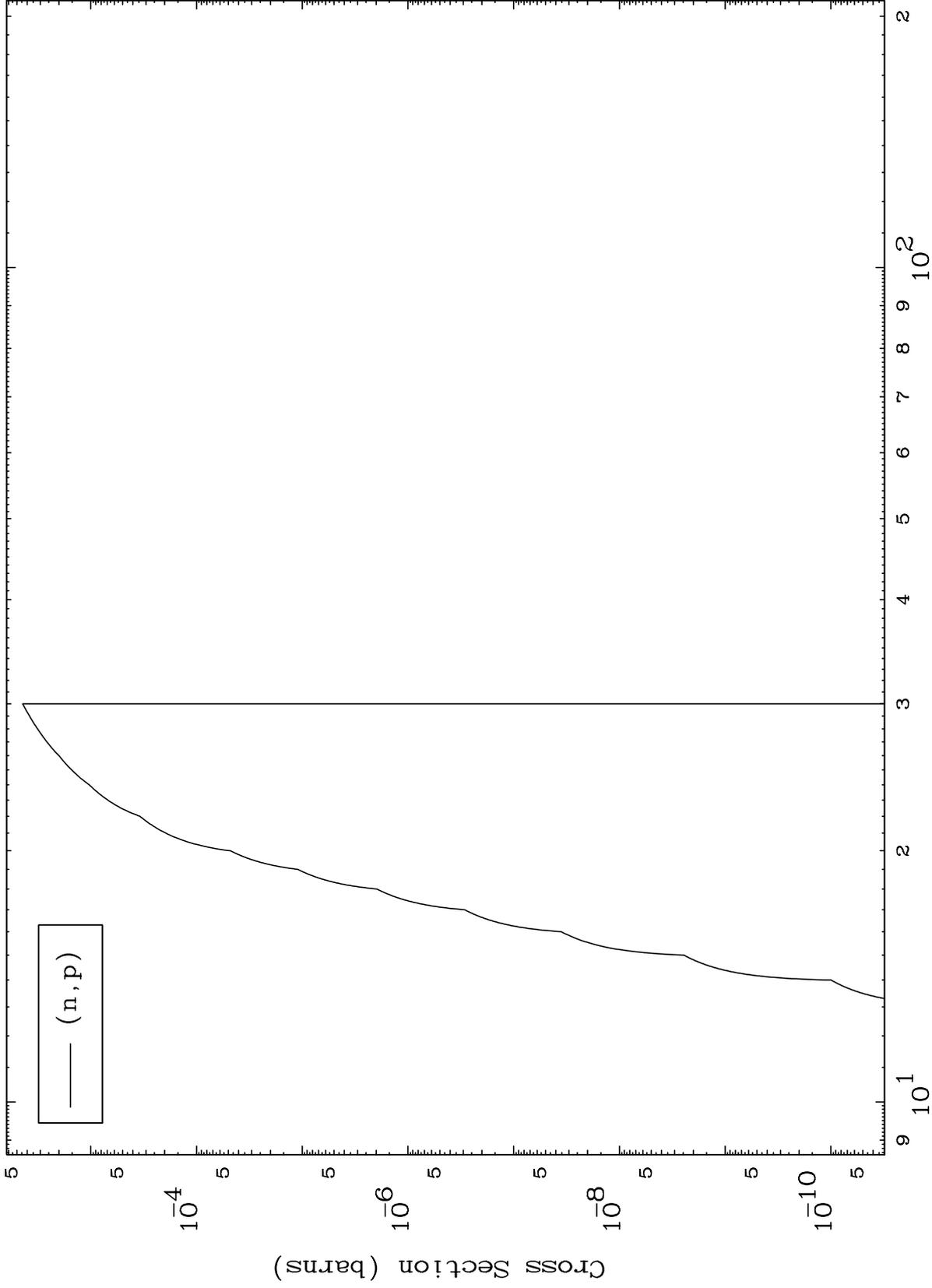


MAT 8217

(α, p) Levels

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

0 Kelvin Cross Sections



Incident Energy (MeV)

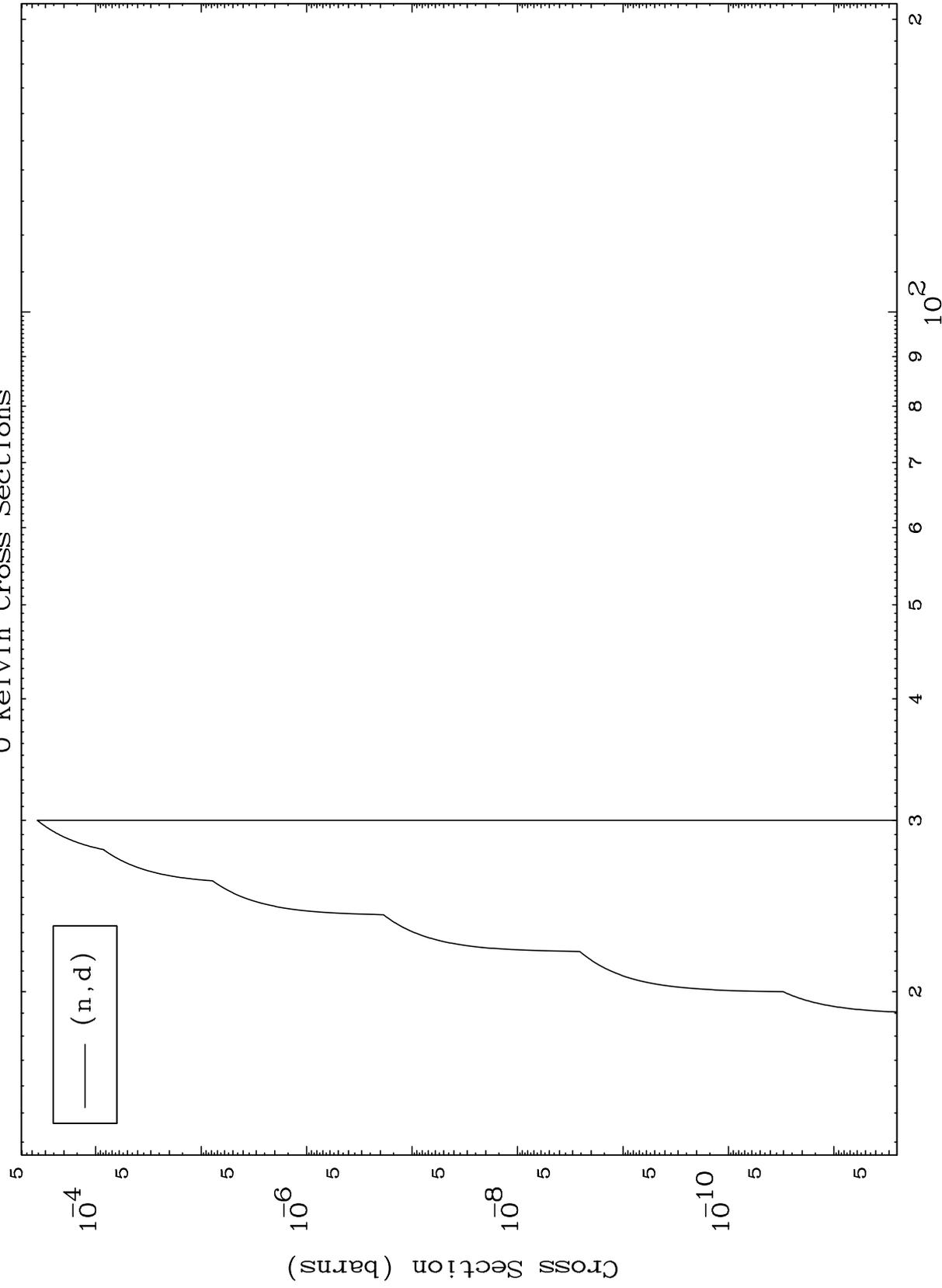
$^{82}\text{Pb-201m}$

6

MAT 8217

82-Pb-201m

(α, d) Levels
0 Kelvin Cross Sections



7

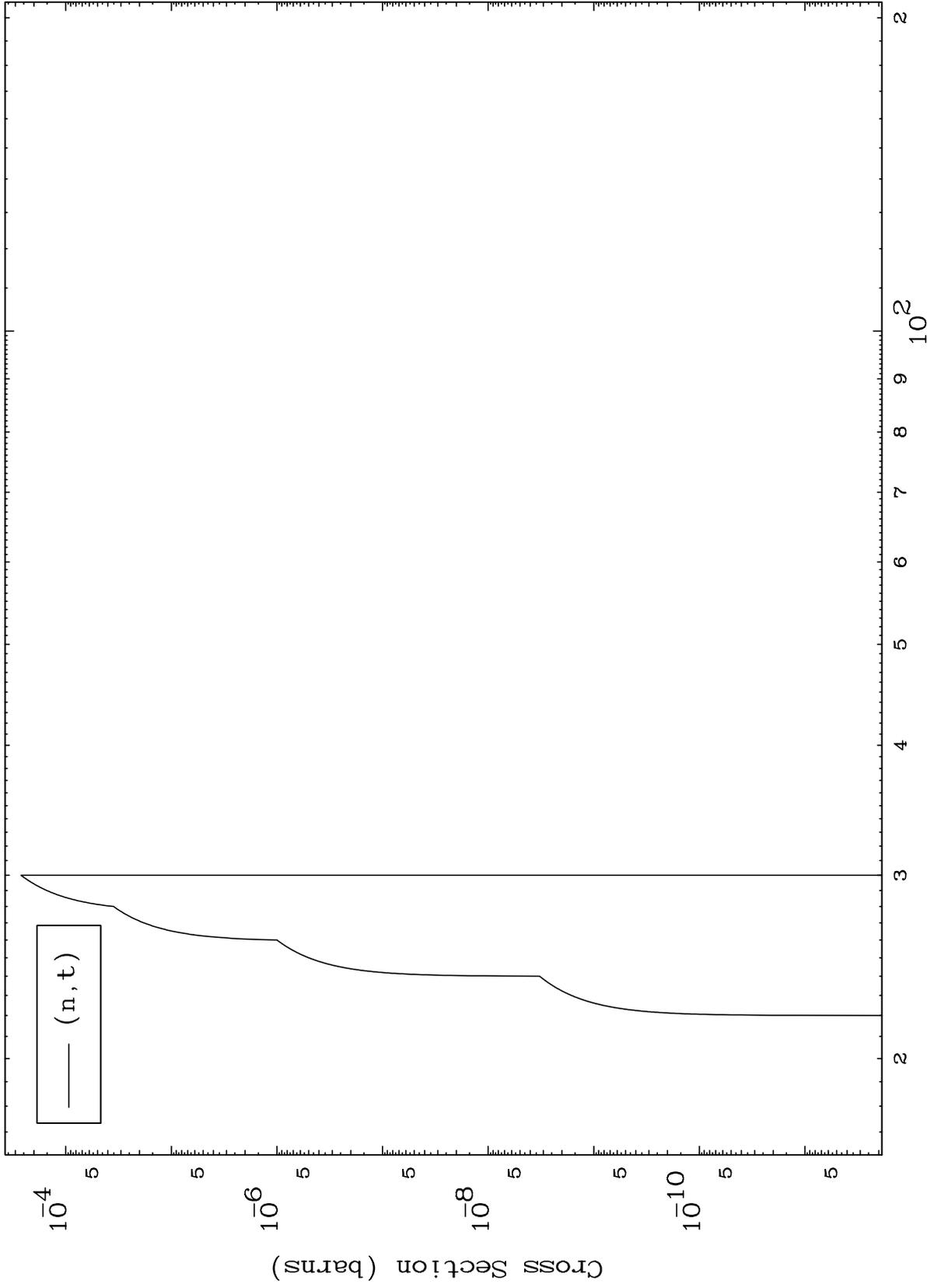
82-Pb-201m

Incident Energy (MeV)

MAT 8217

(α, t) Levels
0 Kelvin Cross Sections

82-Pb-201m



8

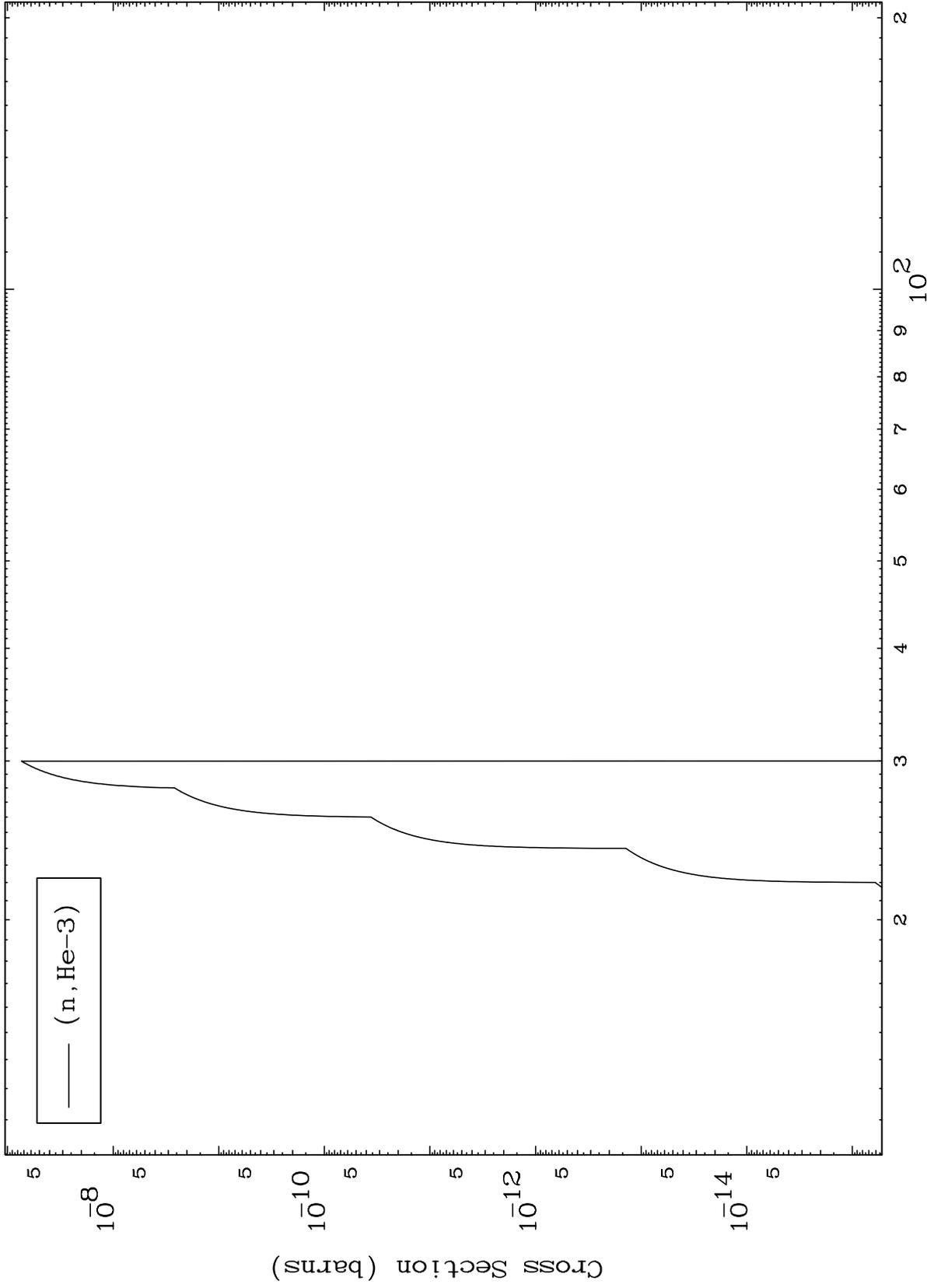
Incident Energy (MeV)

82-Pb-201m

MAT 8217

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

82-Pb-201m

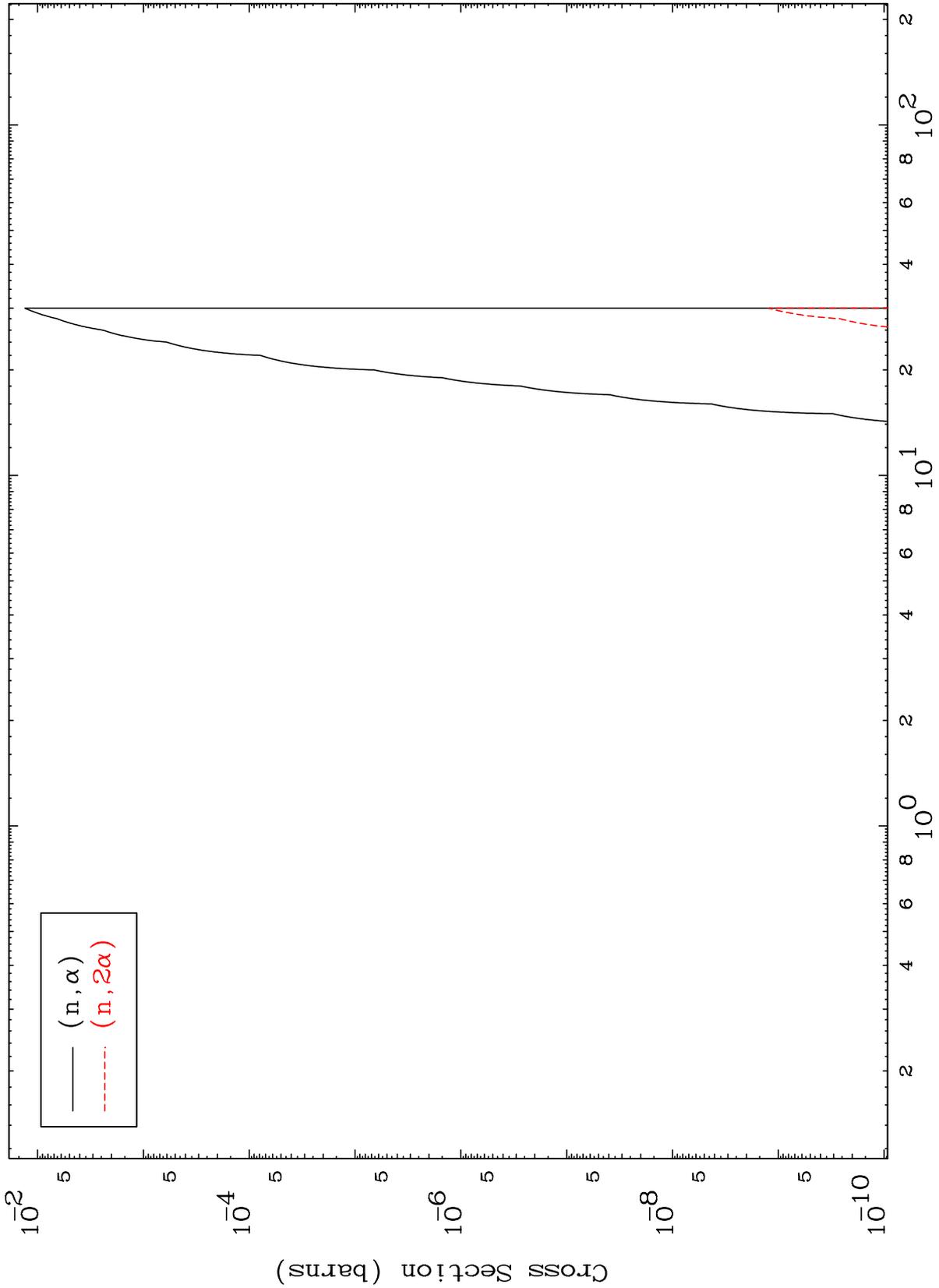


MAT 8217

(α, α) Levels

82-Pb-201m

0 Kelvin Cross Sections



— (n, α)
- - - (n, 2α)

10

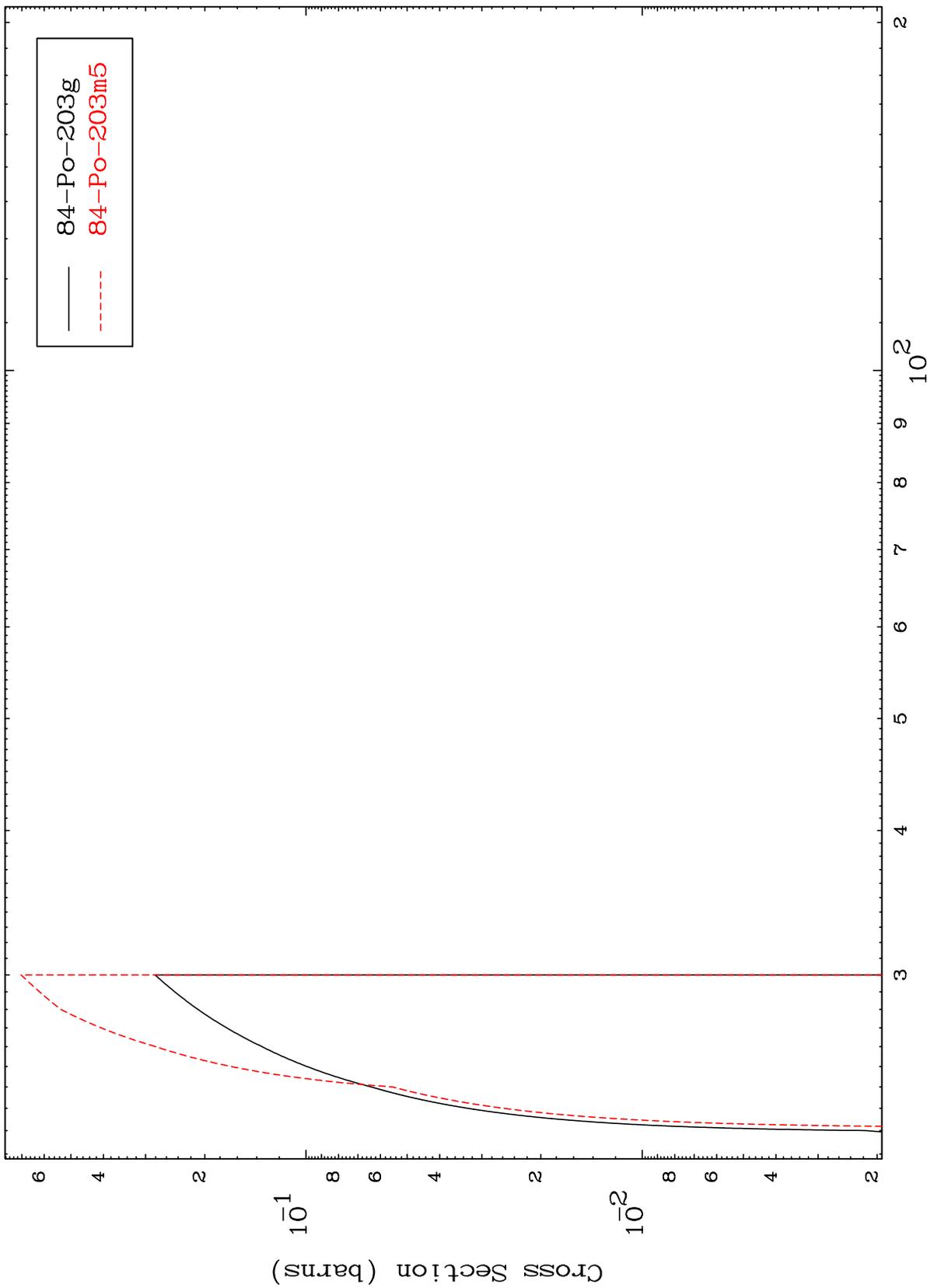
Incident Energy (MeV)

82-Pb-201m

MAT 8217

82-Pb-201m

(n,2n)
Radionuclide Production Cross Section



82-Pb-201m

Incident Energy (MeV)

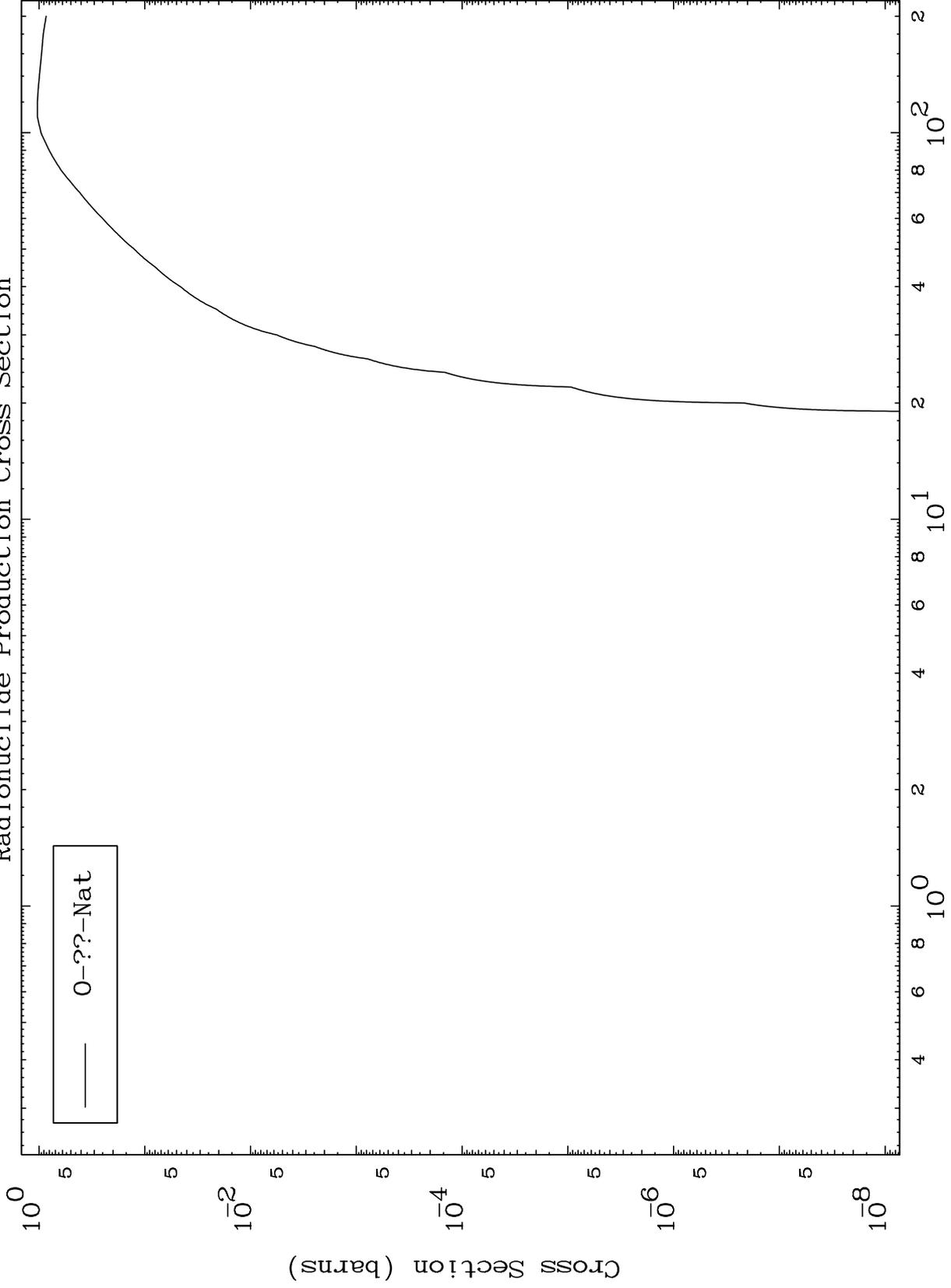
11

MAT 8217

Fission

⁸²Pb-201m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

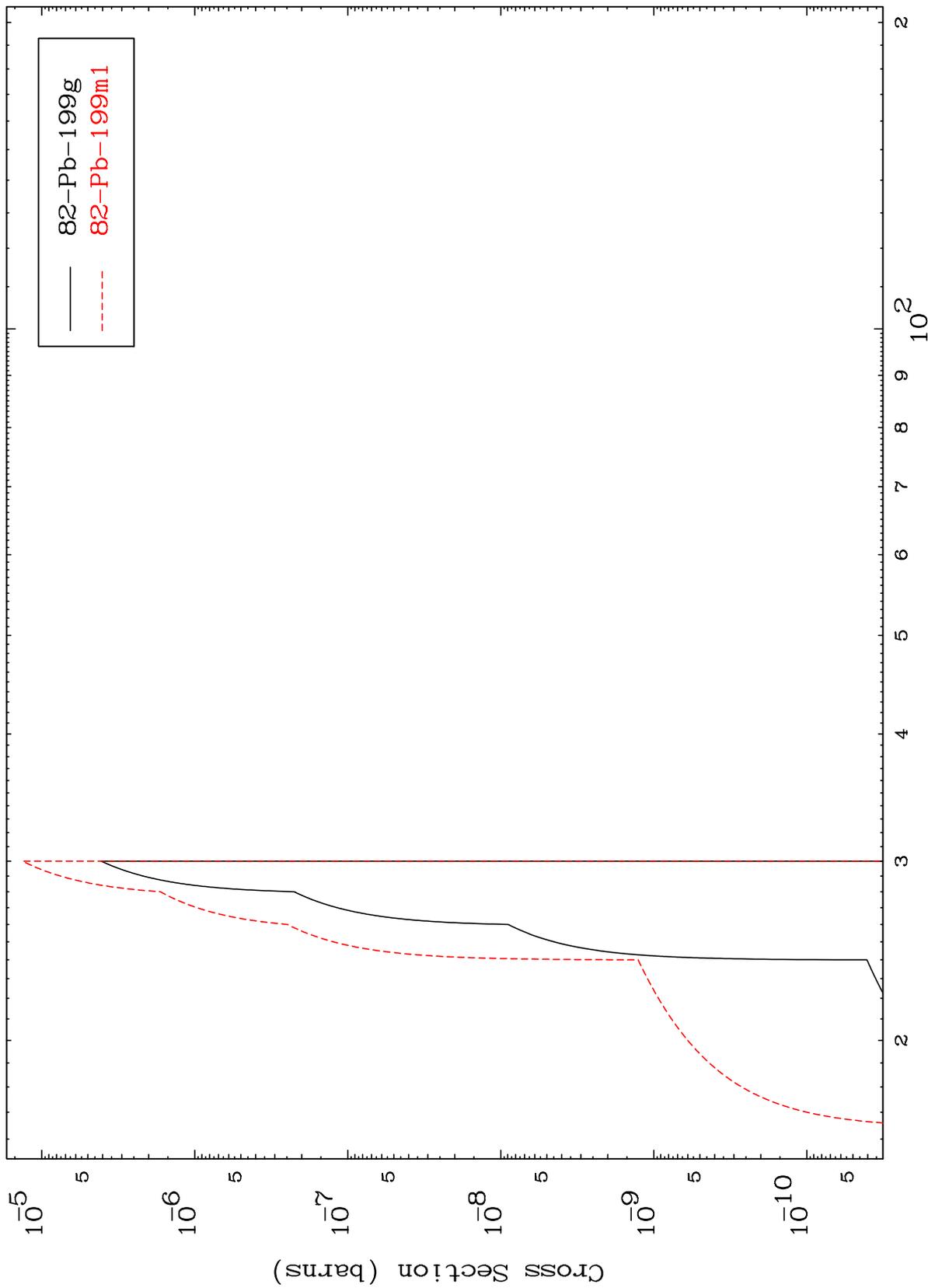
⁸²Pb-201m

MAT 8217

82-Pb-201m

(n,2n) α

Radionuclide Production Cross Section



82-Pb-201m

Incident Energy (MeV)

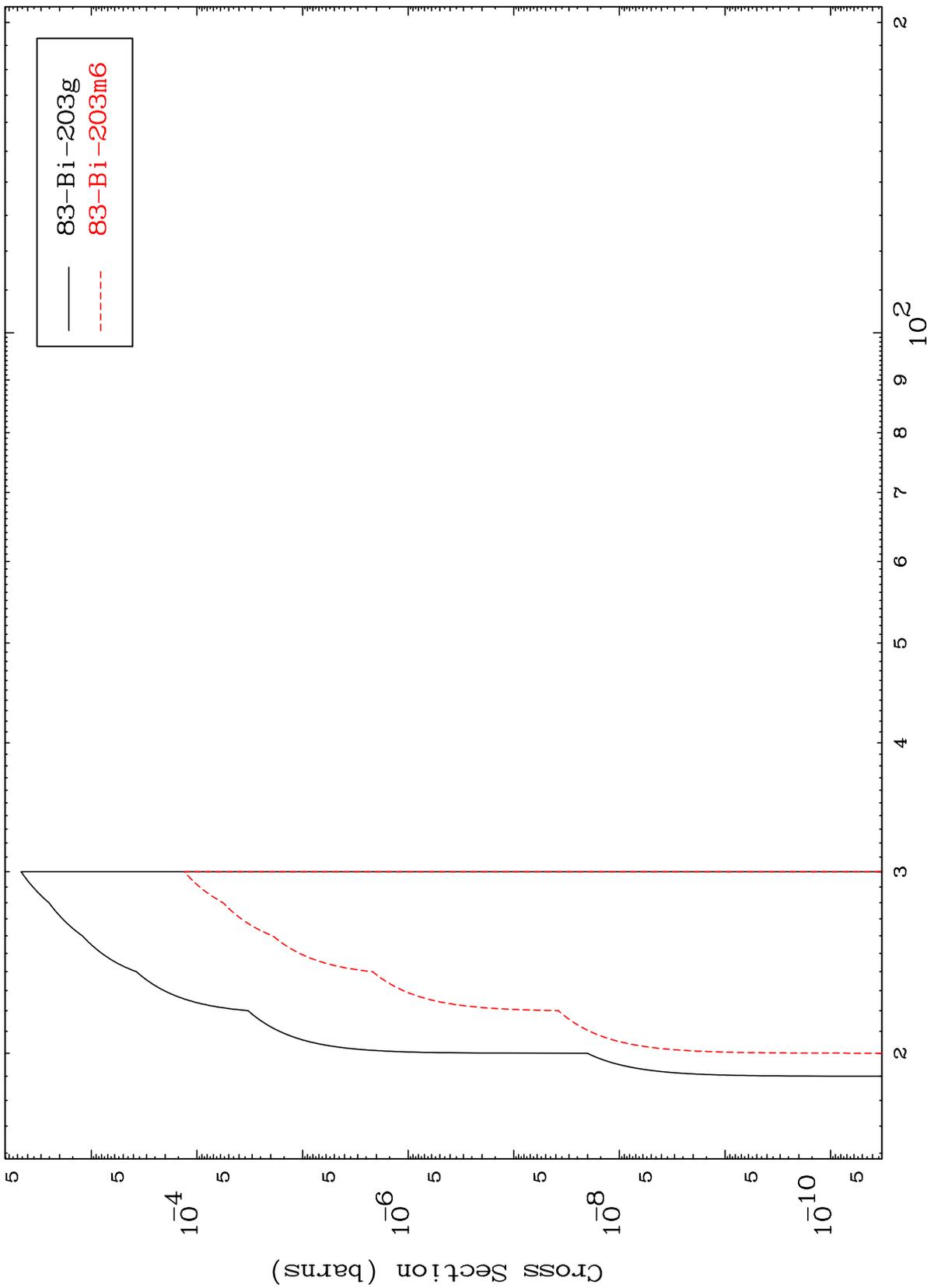
13

MAT 8217

(n,n') p

82-Pb-201m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

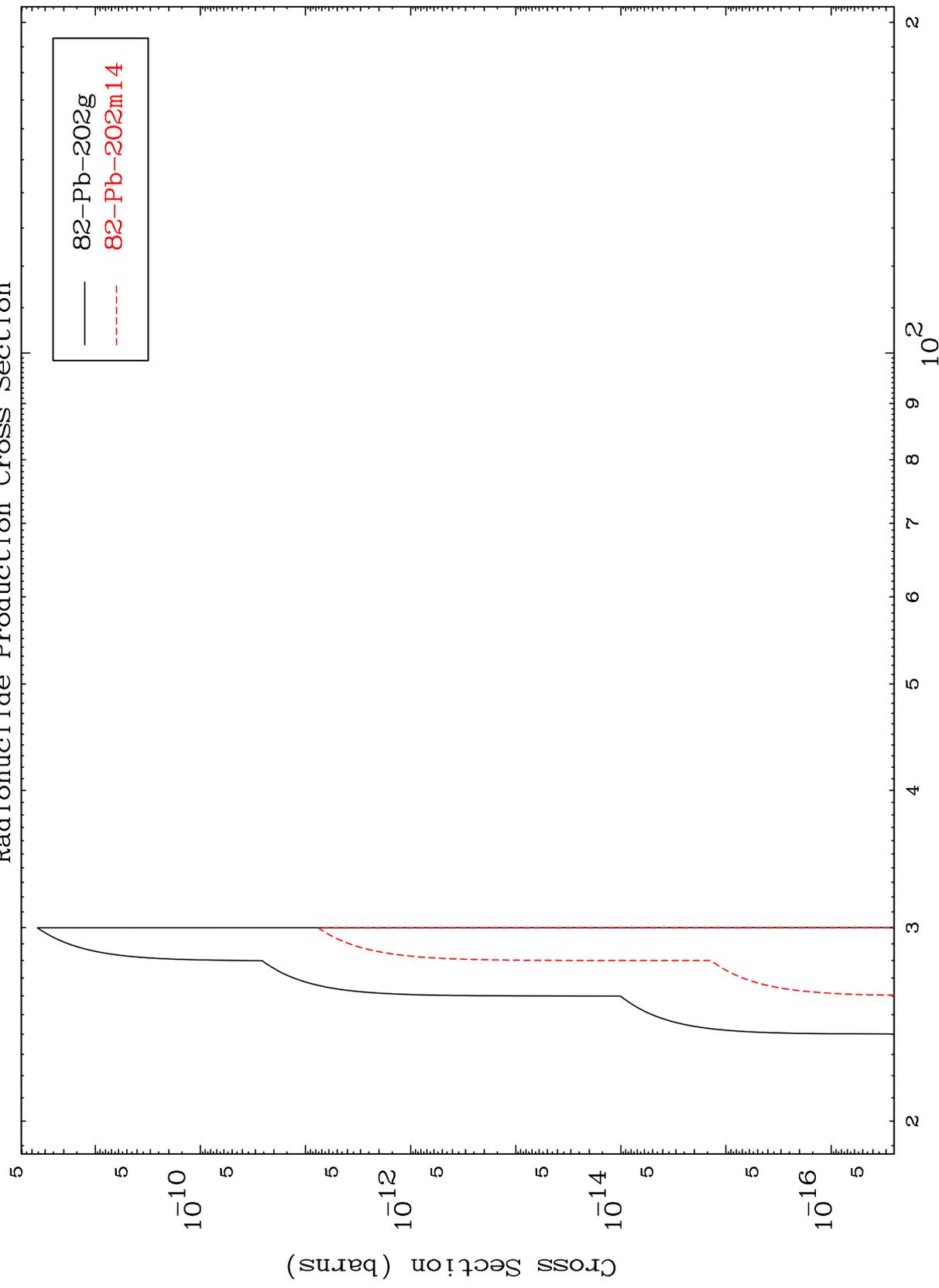
82-Pb-201m

MAT 8217

(n,2n) p

82-Pb-201m

Radionuclide Production Cross Section



15

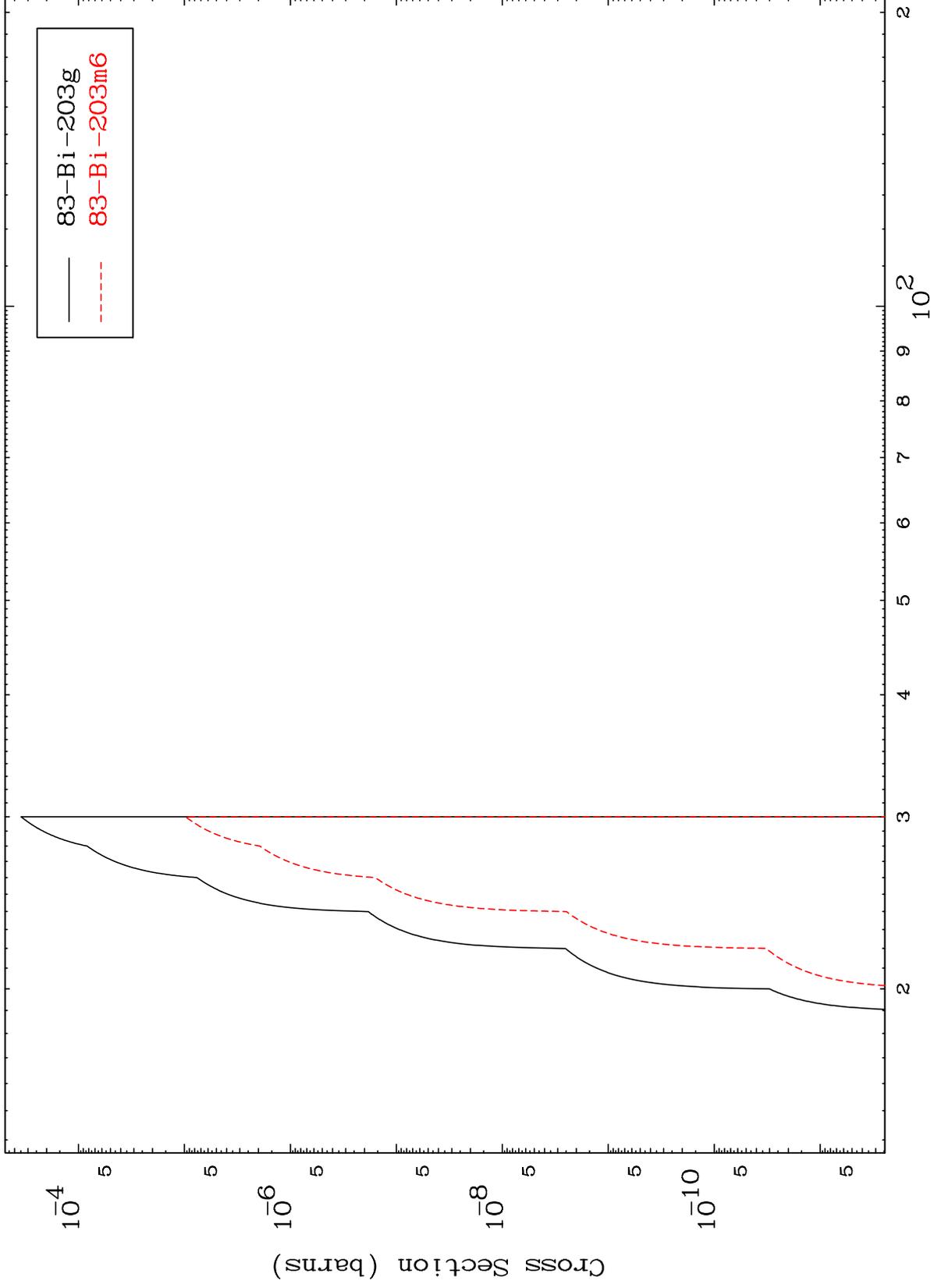
Incident Energy (MeV)

82-Pb-201m

MAT 8217

82-Pb-201m

(n,d)
Radionuclide Production Cross Section



16

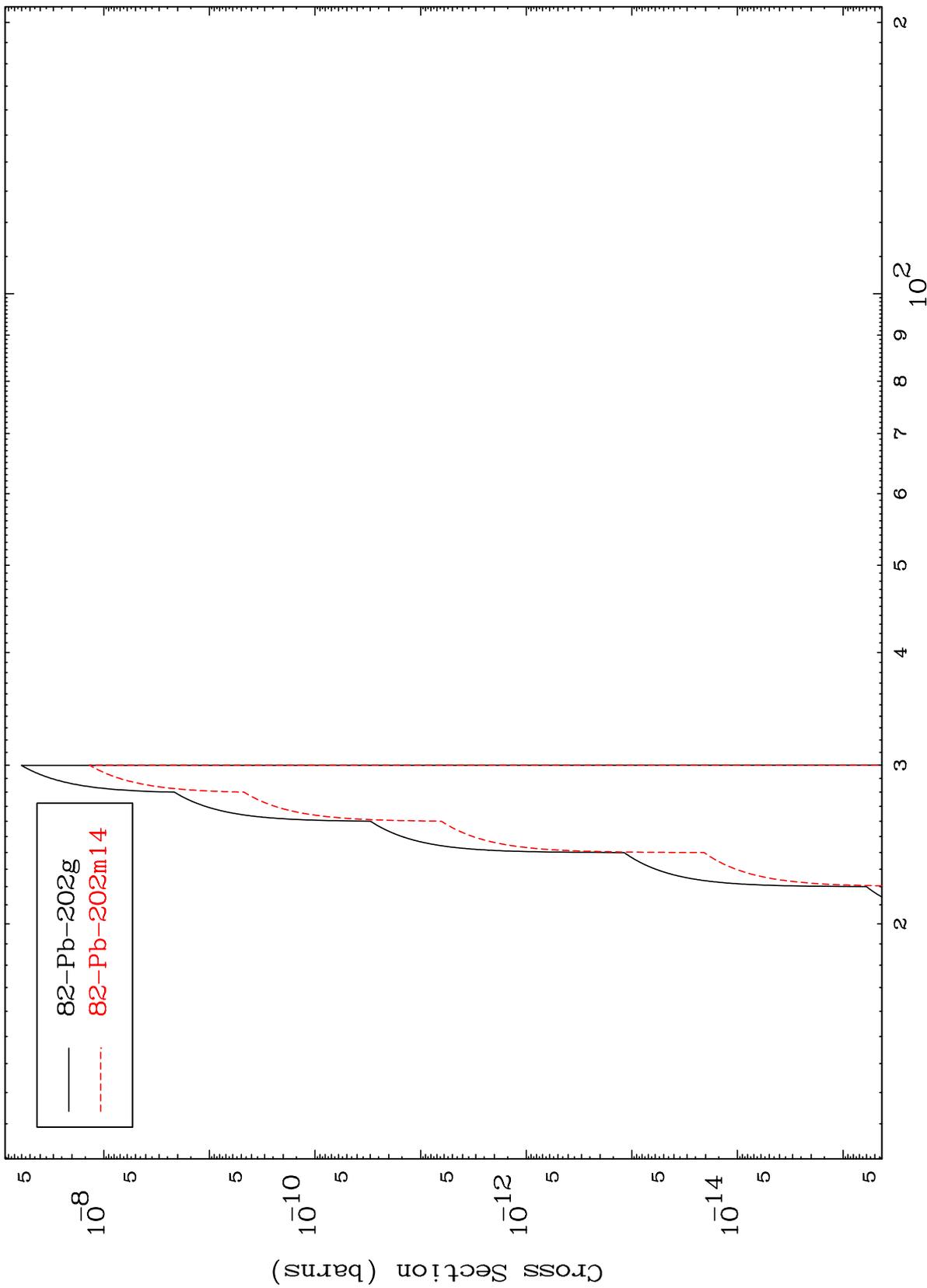
Incident Energy (MeV)

82-Pb-201m

MAT 8217

82-Pb-201m

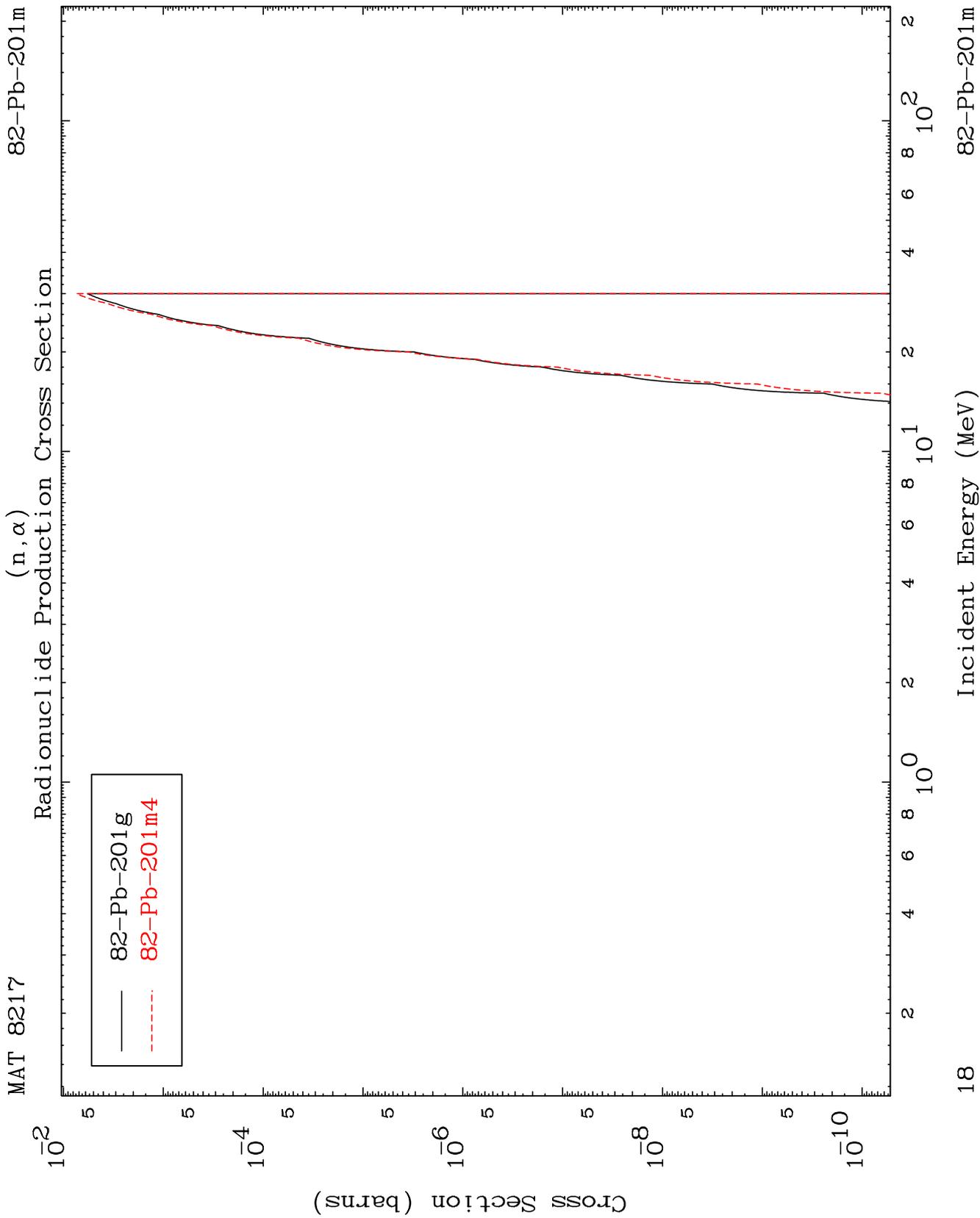
(n,He-3)
Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-201m

17

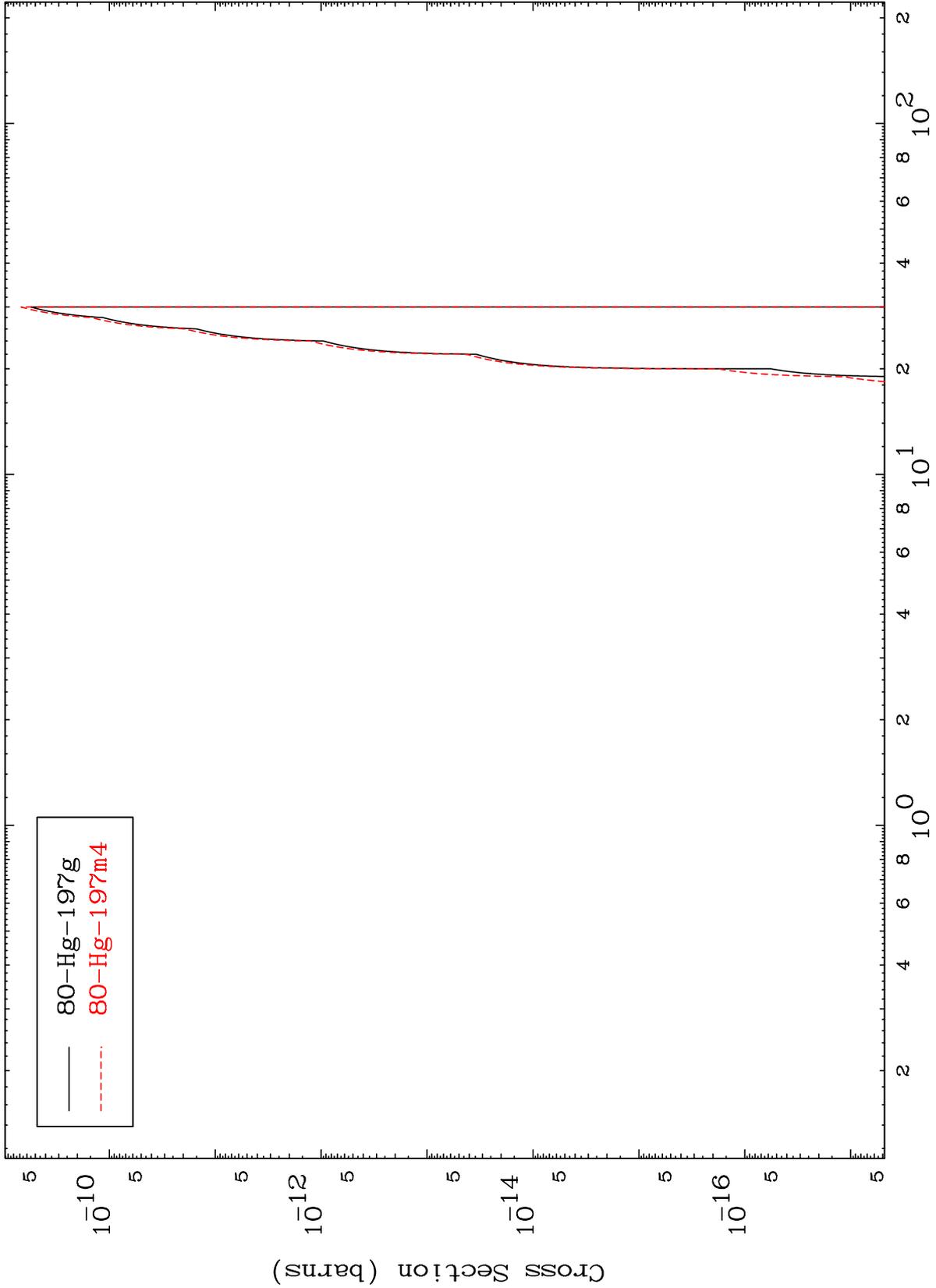


MAT 8217

(n,2α)

82-Pb-201m

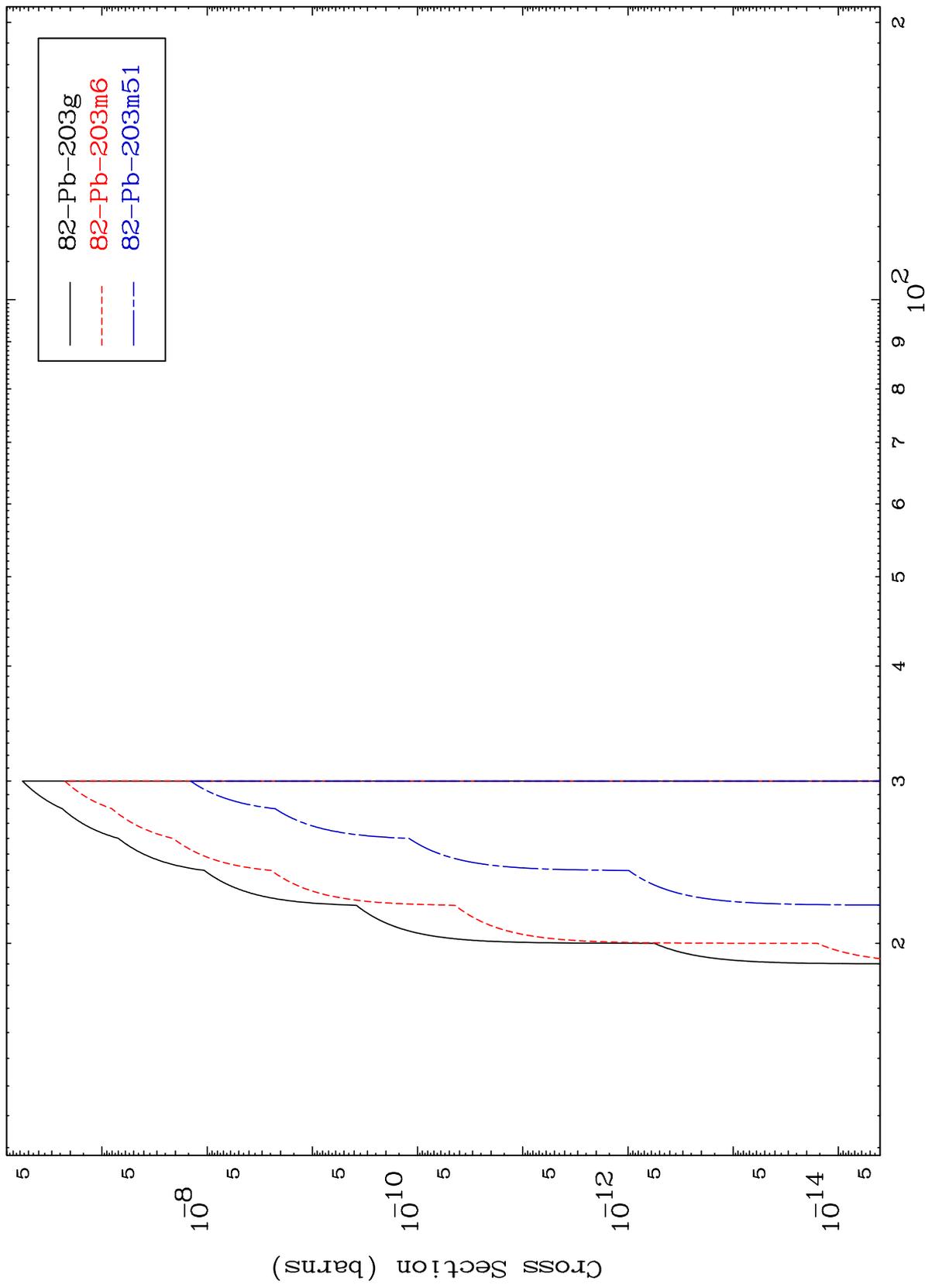
Radionuclide Production Cross Section



MAT 8217

82-Pb-201m

(n,2p)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

82-Pb-201m