

Program EVALPLOT
(Version 2018-1)

by

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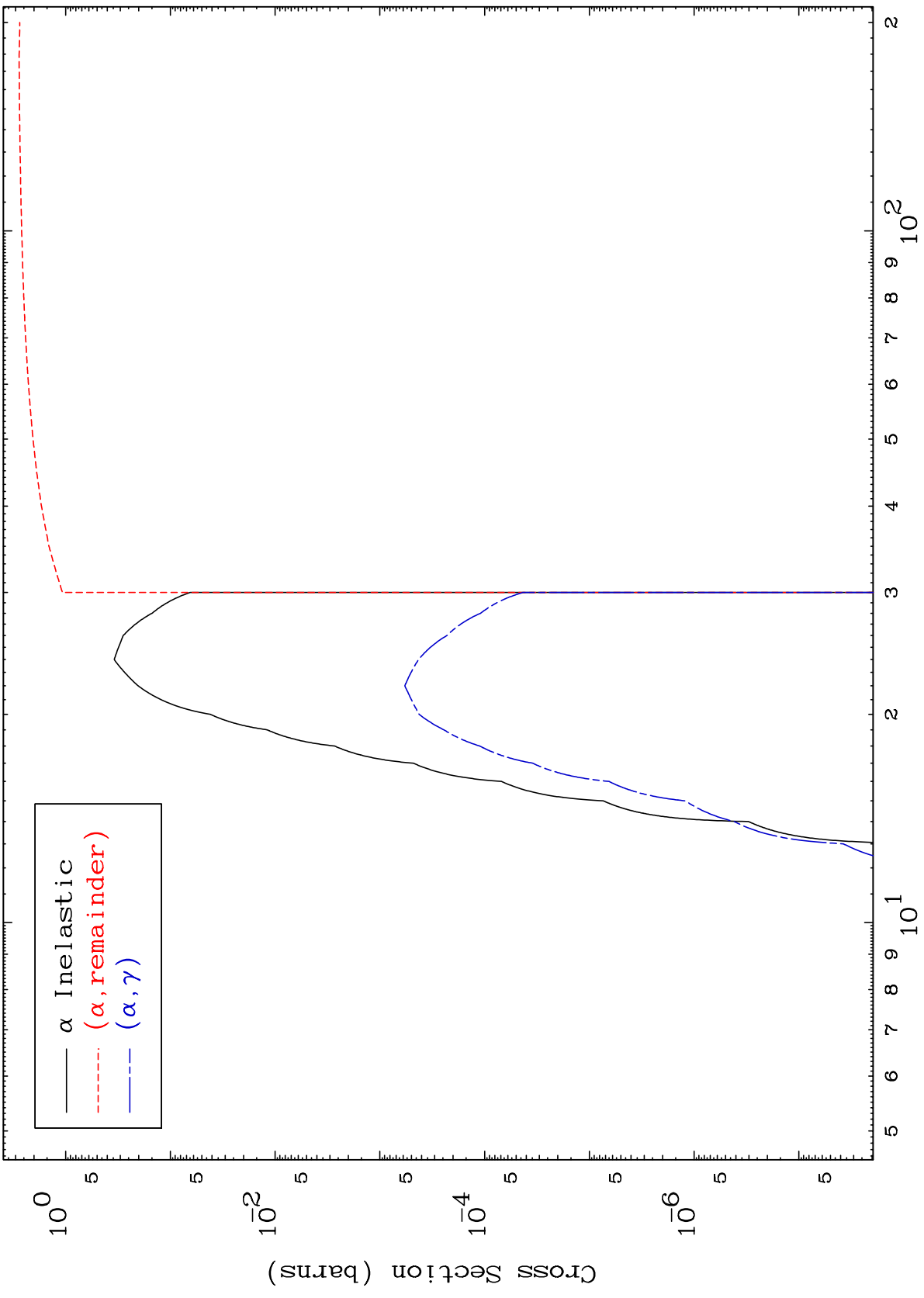
Press Mouse Button to Start

MAT 8217

α Major

82-Pb-201

0 Kelvin Cross Sections



α Inelastic
 $(\alpha, \text{remainder})$
 (α, γ)

1

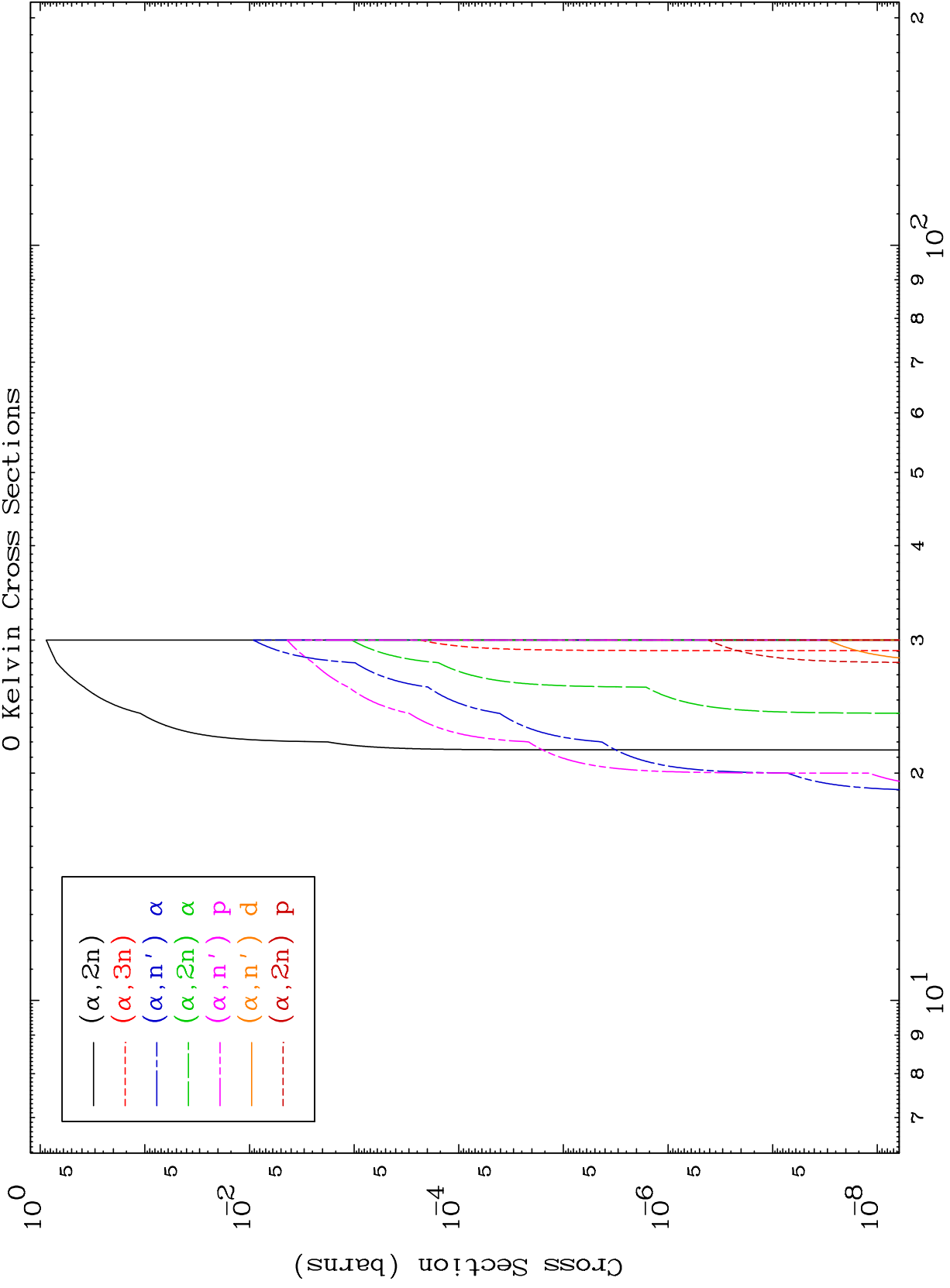
Incident Energy (MeV)

82-Pb-201

MAT 8217

α Neutron Production
0 Kelvin Cross Sections

82-Pb-201

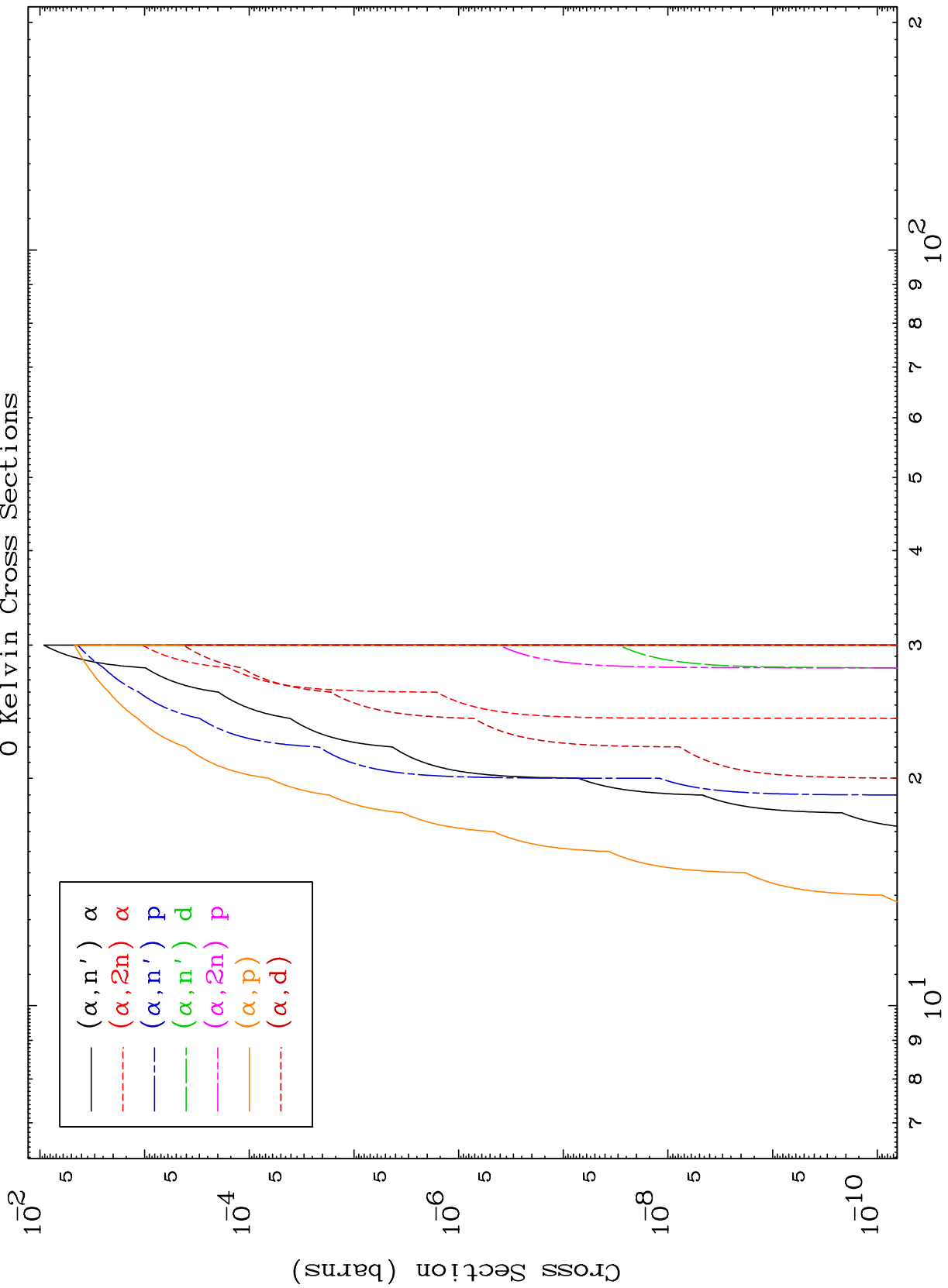


Incident Energy (MeV)

82-Pb-201

2

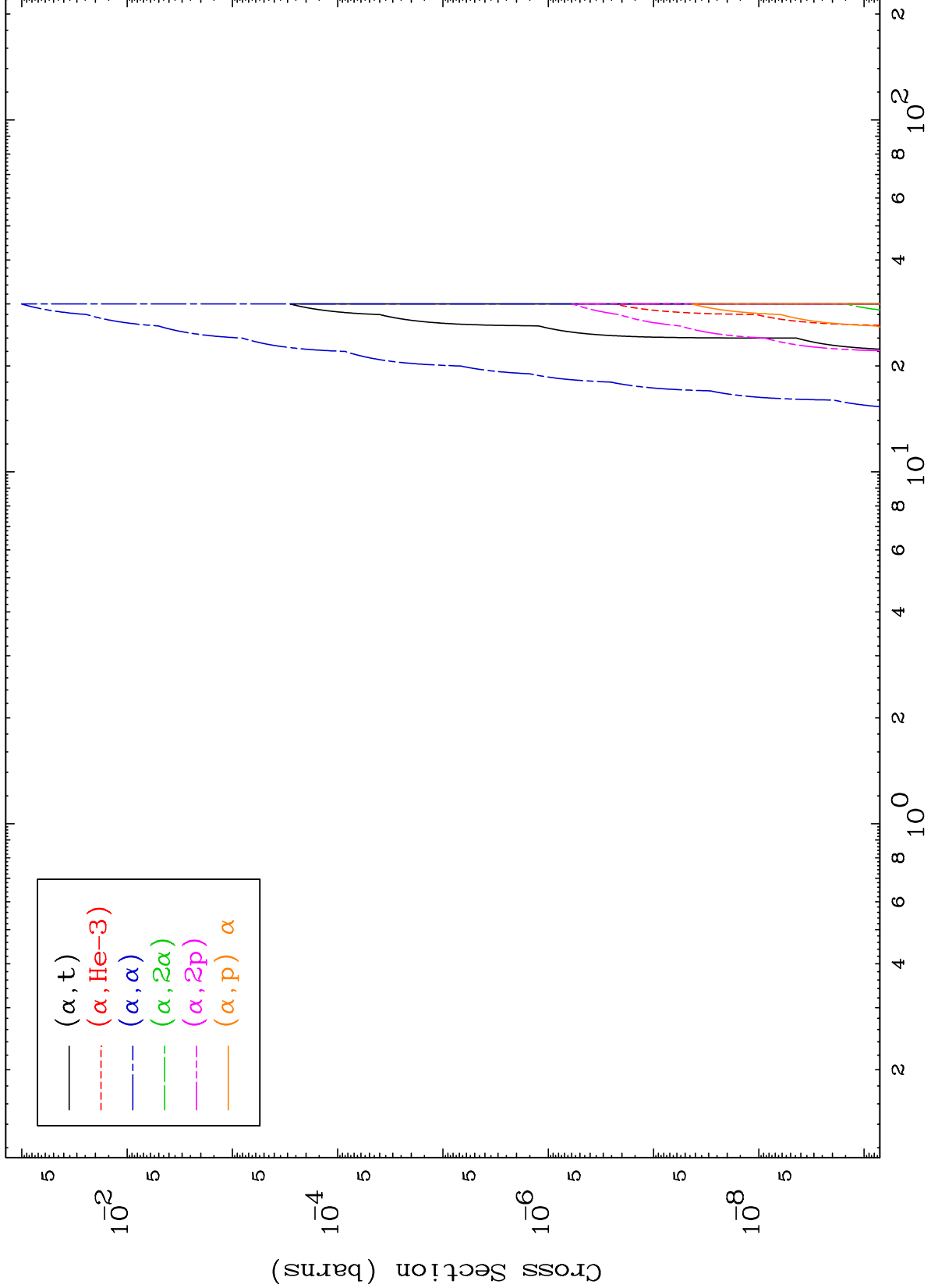
α Charged Particle
0 Kelvin Cross Sections



MAT 8217

α Charged Particle
0 Kelvin Cross Sections

82-Pb-201

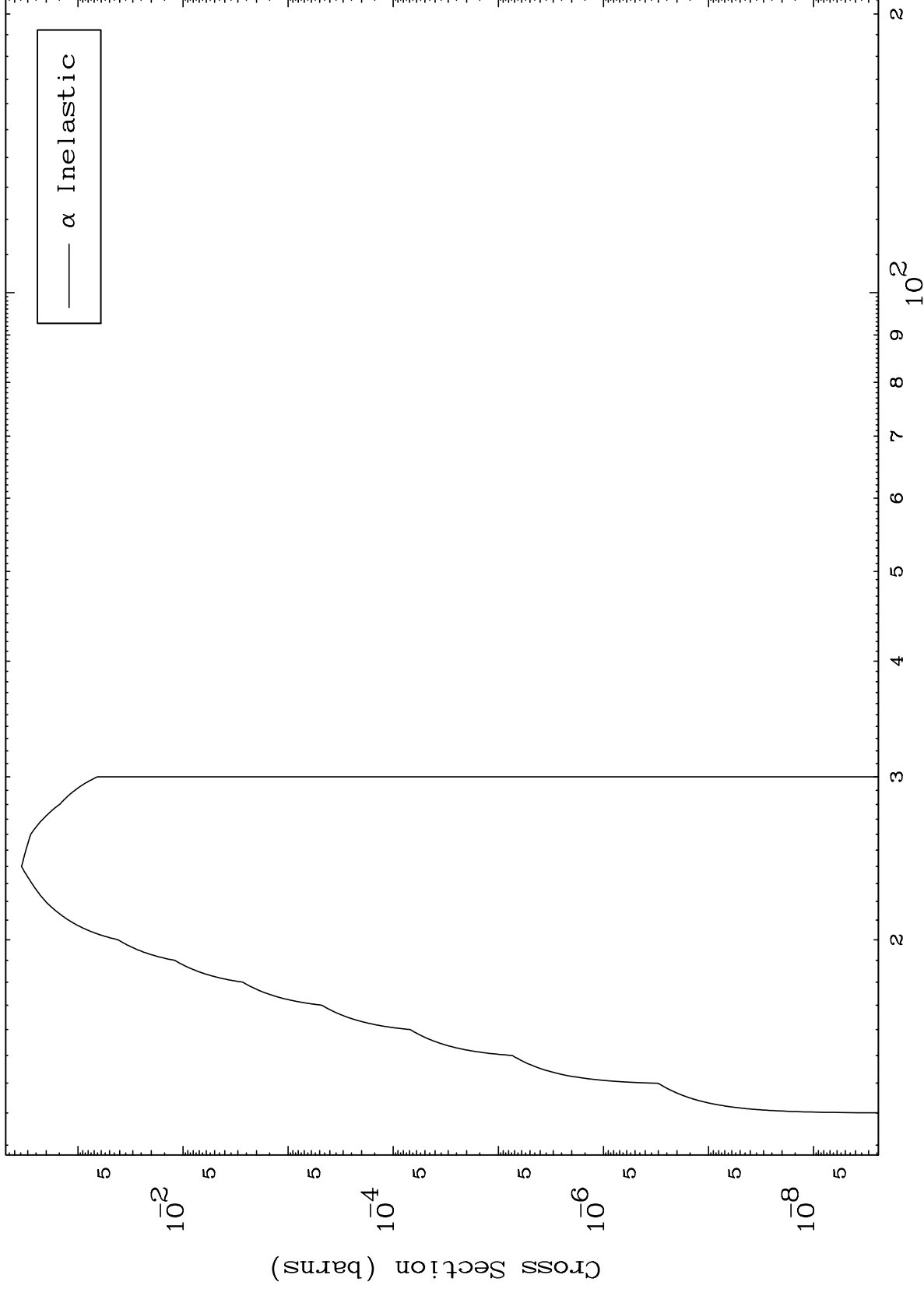


MAT 8217

(α, n') Level

82-Pb-201

0 Kelvin Cross Sections



5

Incident Energy (MeV)

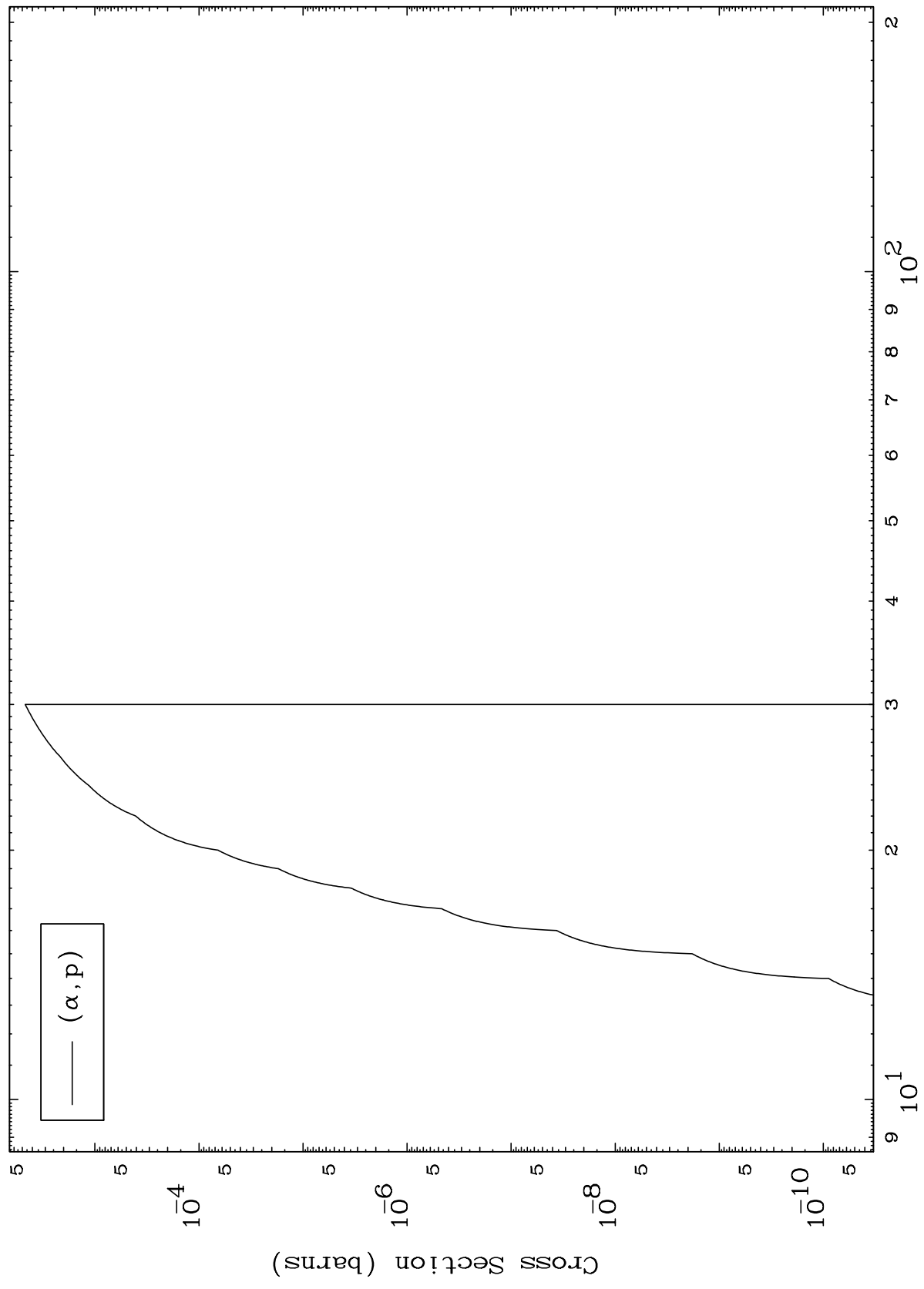
82-Pb-201

MAT 8217

(α, p) Levels

82-Pb-201

0 Kelvin Cross Sections



Incident Energy (MeV)

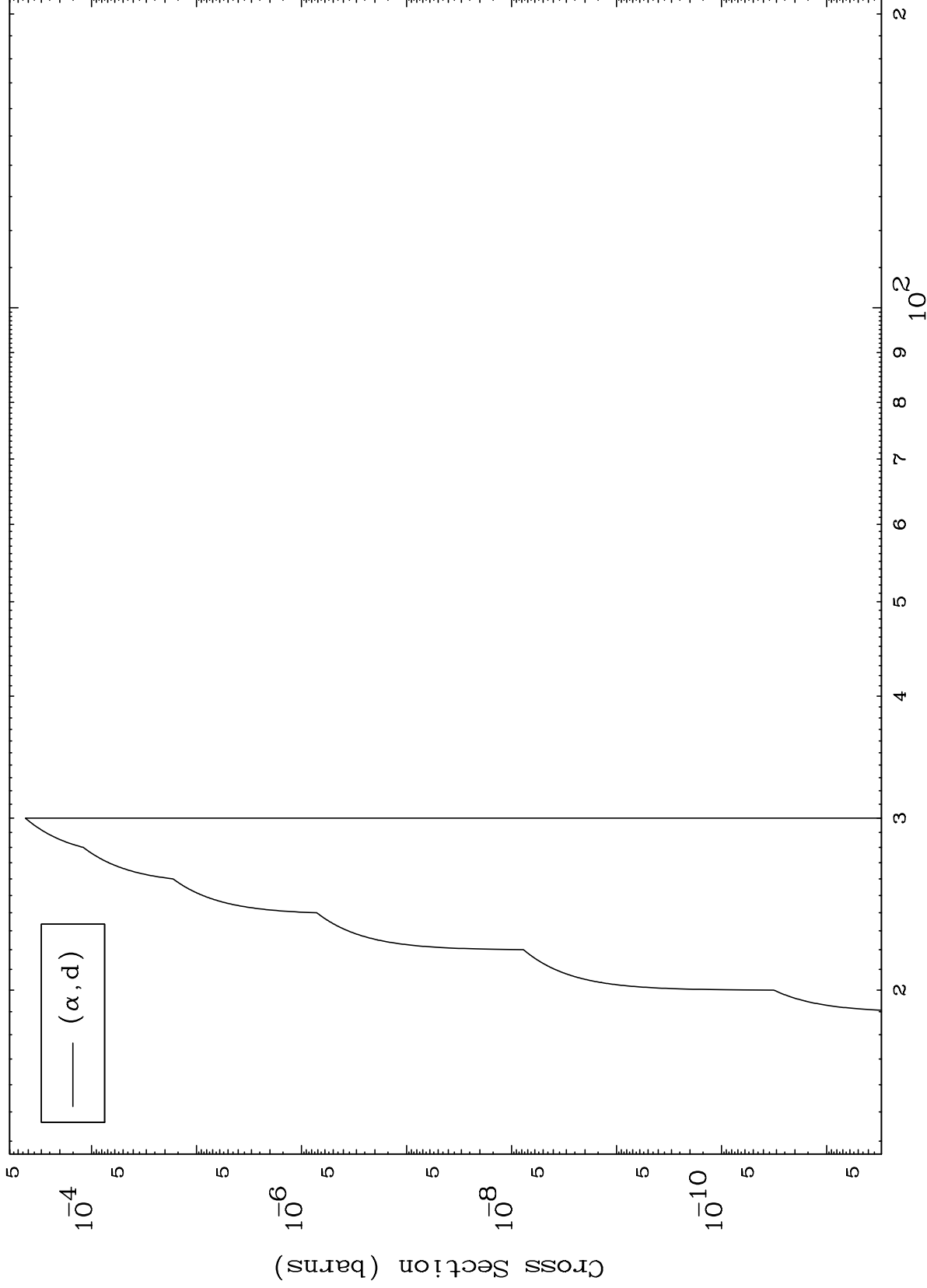
82-Pb-201

6

MAT 8217

(α, d) Levels
0 Kelvin Cross Sections

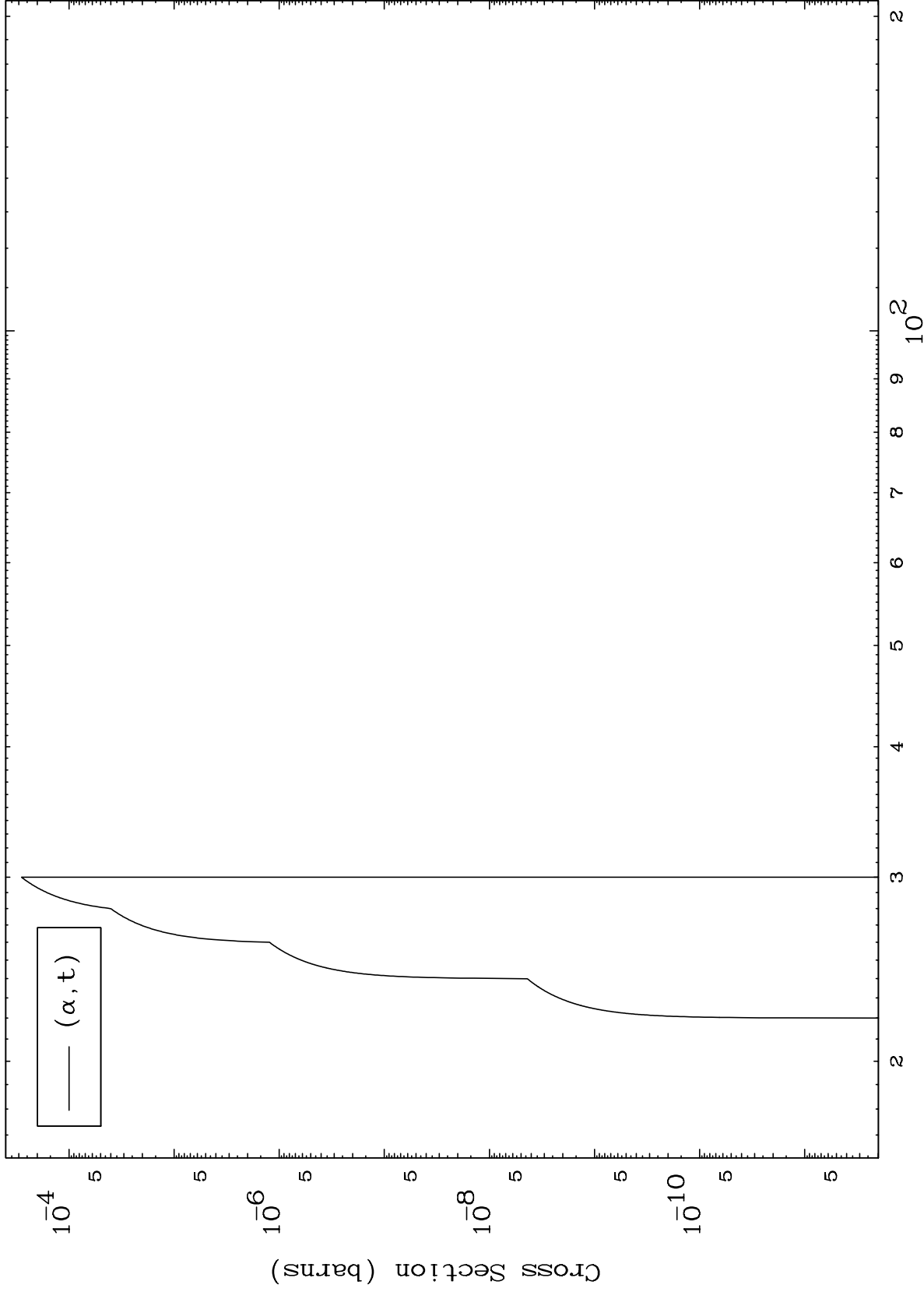
82-Pb-201



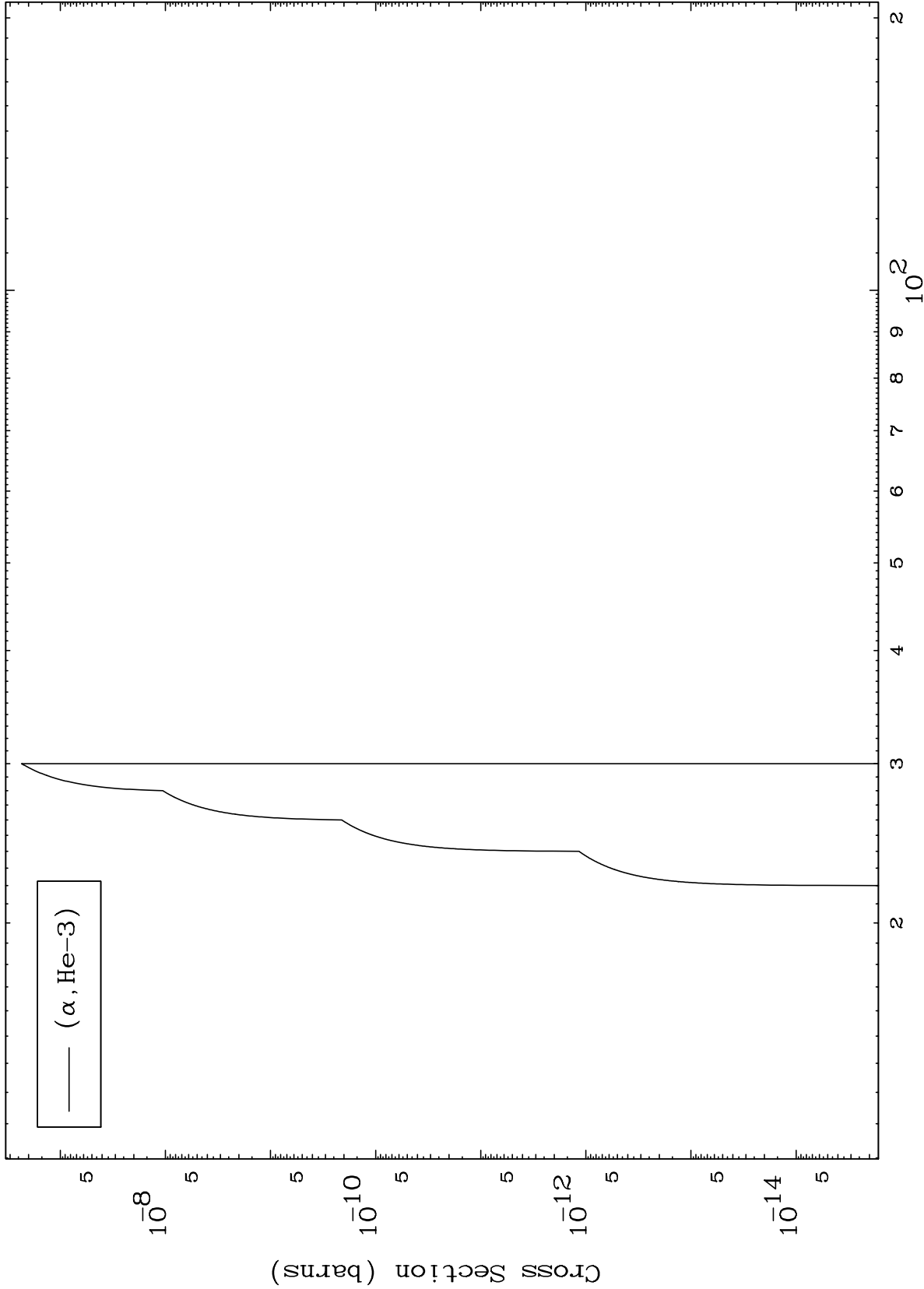
7

Incident Energy (MeV)

82-Pb-201



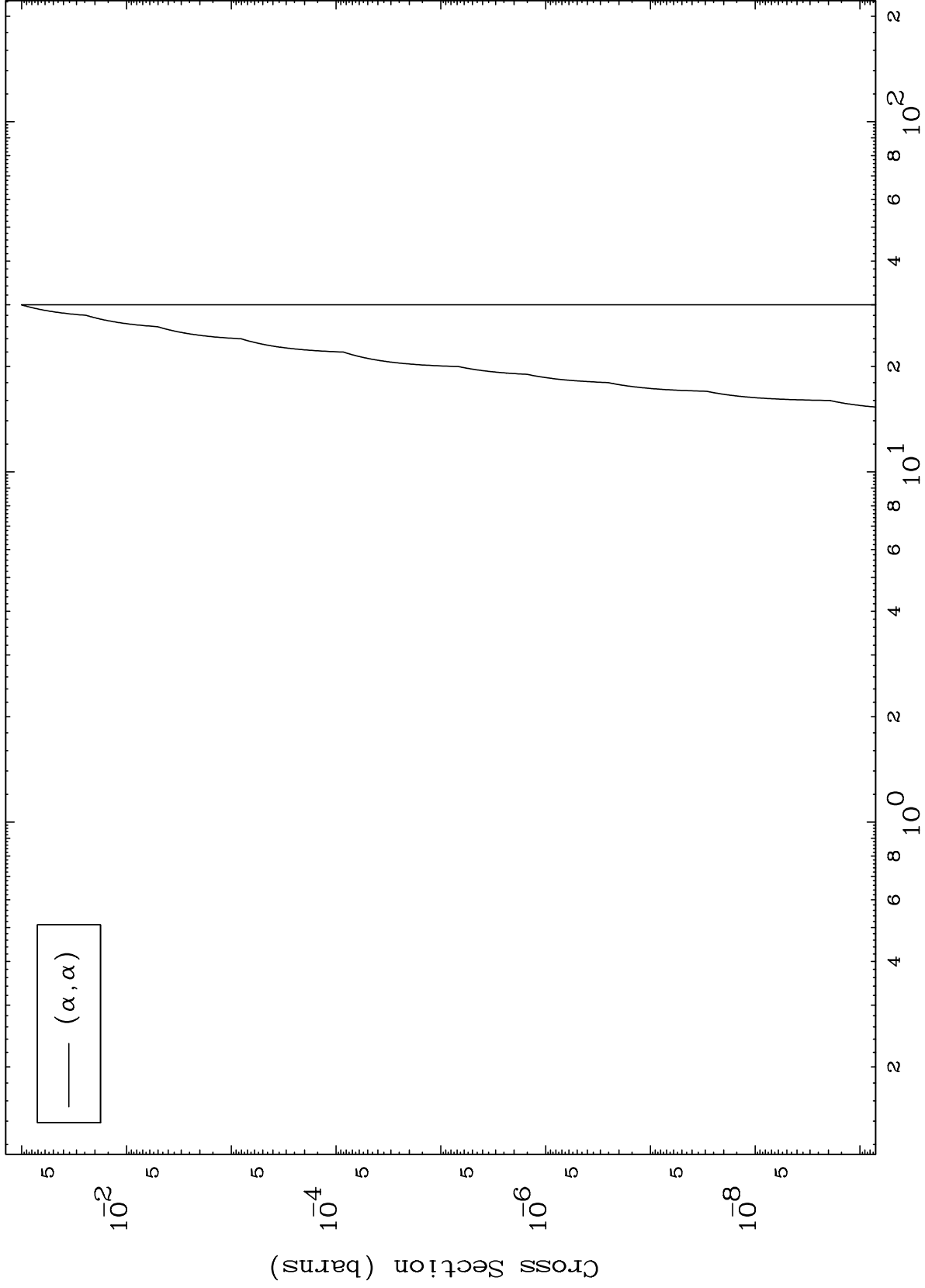
($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections



MAT 8217

(α, α) Levels
0 Kelvin Cross Sections

82-Pb-201



10

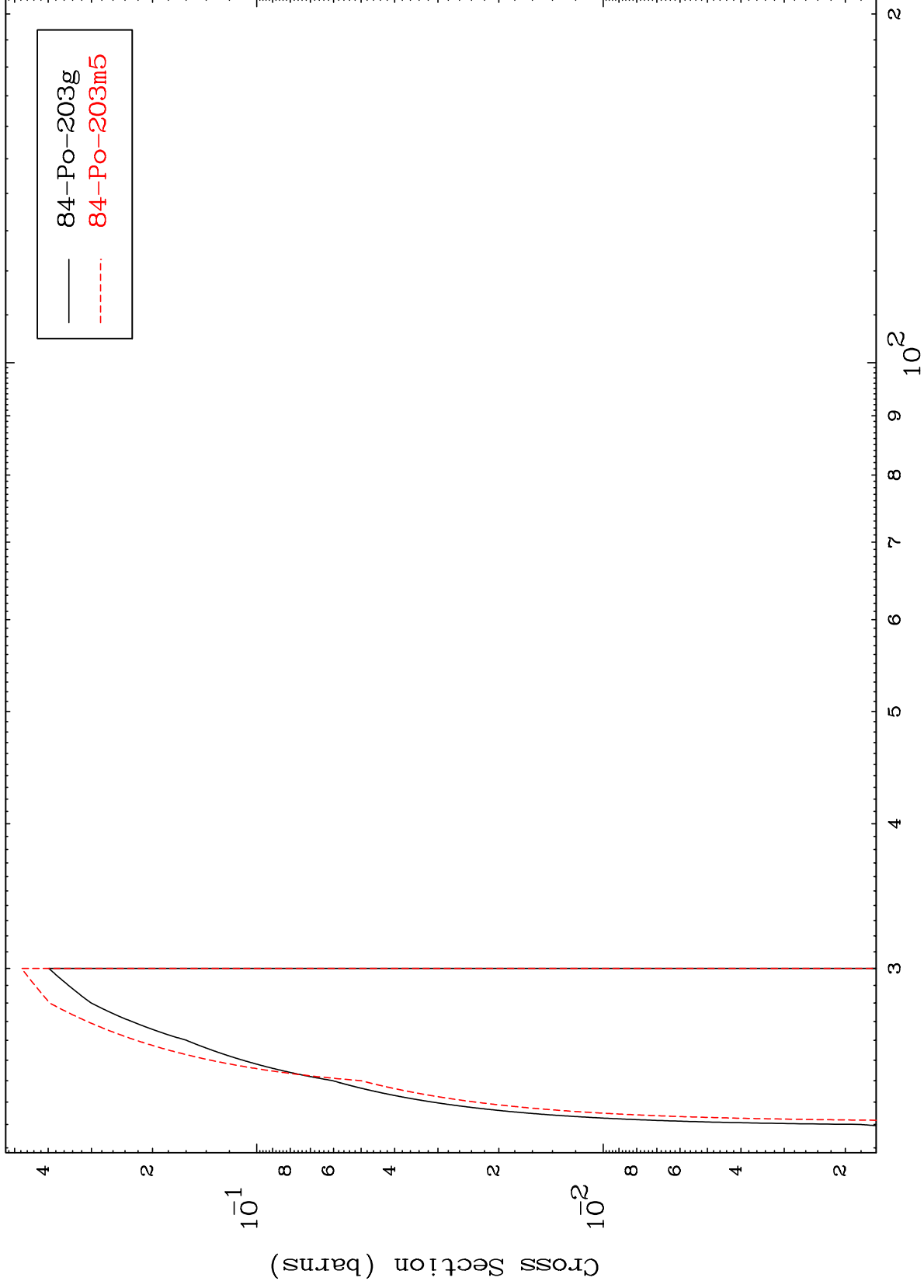
Incident Energy (MeV)

82-Pb-201

MAT 8217

82-Pb-201

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

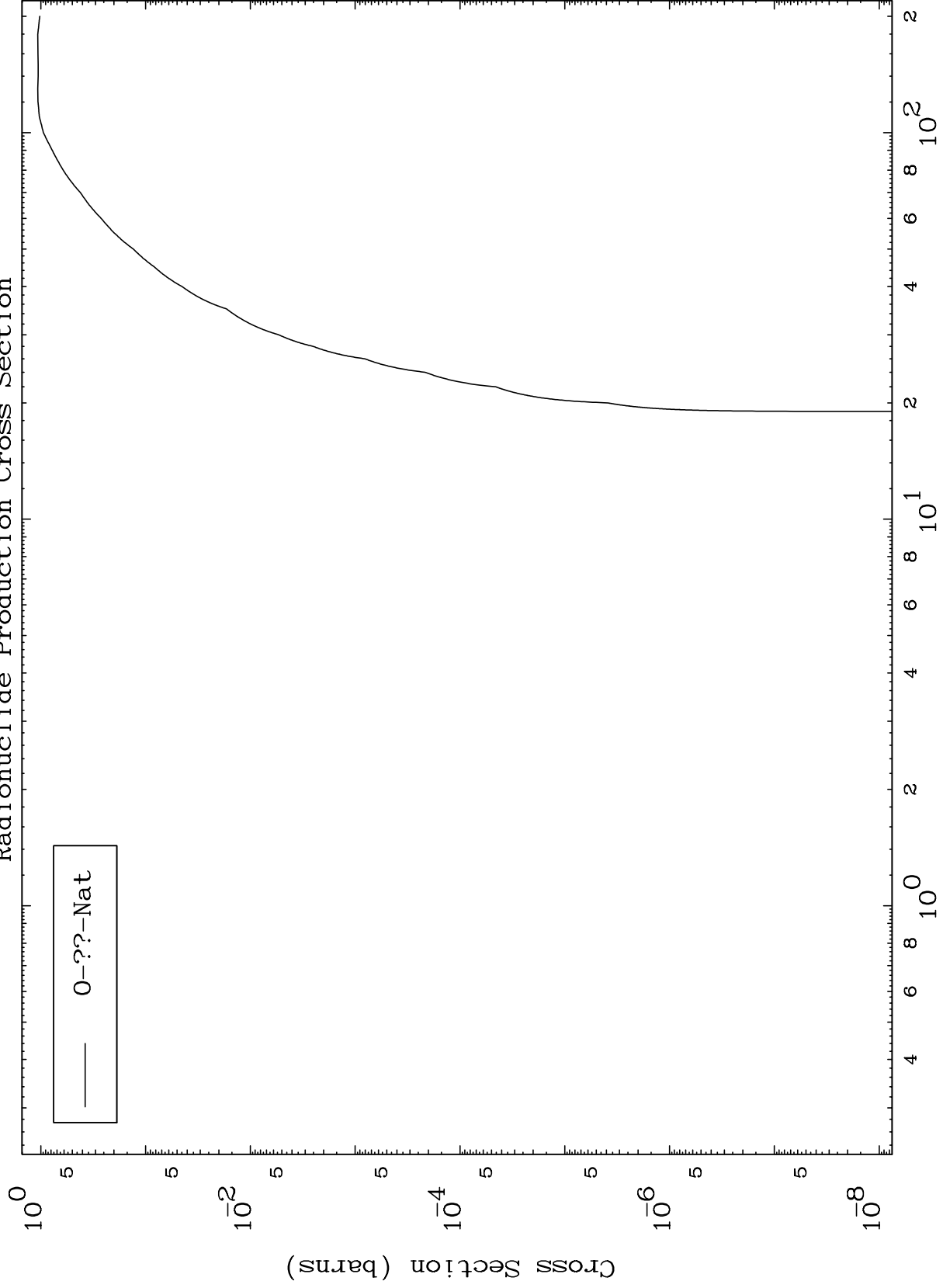


MAT 8217

α Fission

82-Pb-201

Radionuclide Production Cross Section

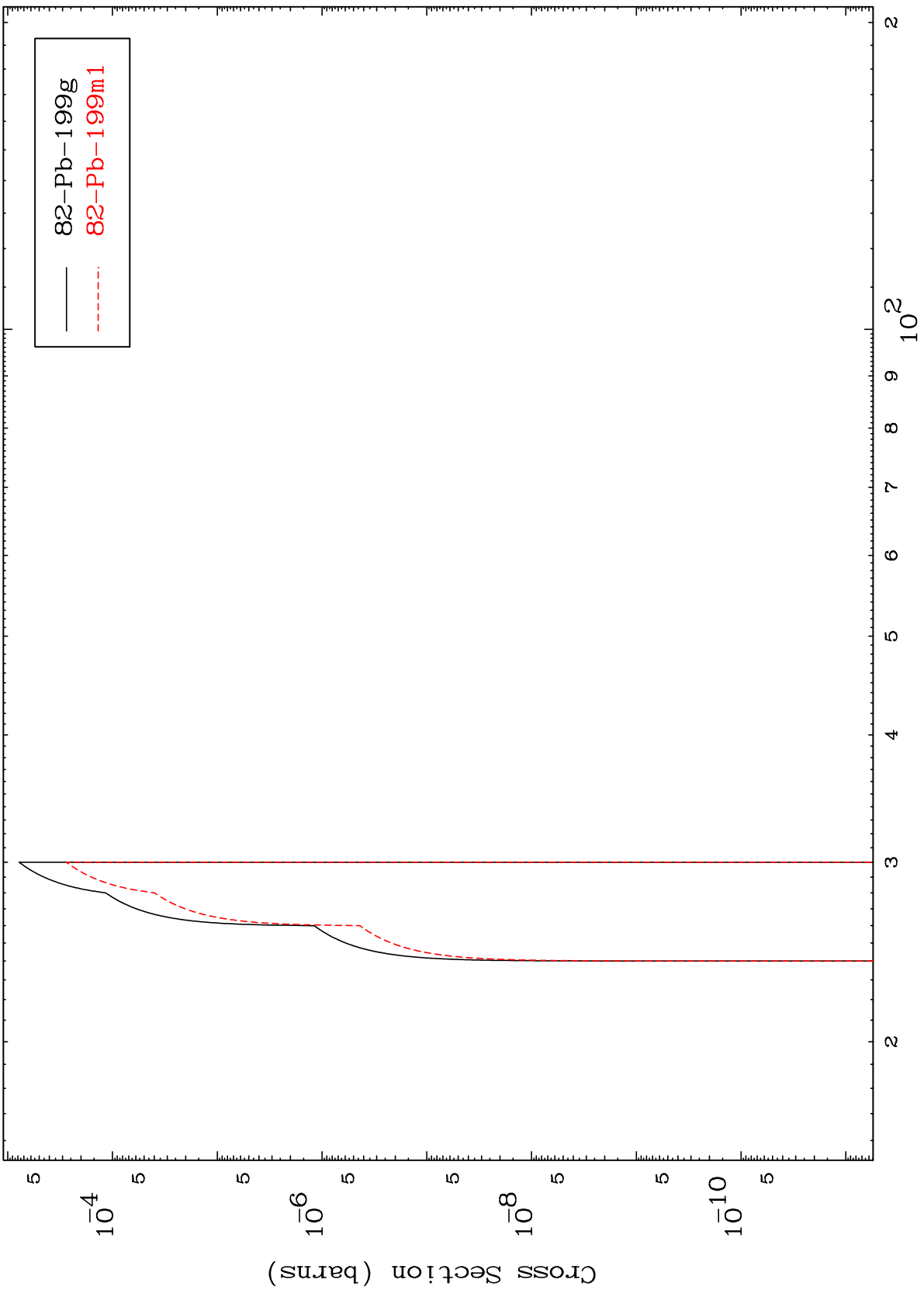


MAT 8217

$(\alpha, 2n) \alpha$

82-Pb-201

Radionuclide Production Cross Section



13

Incident Energy (MeV)

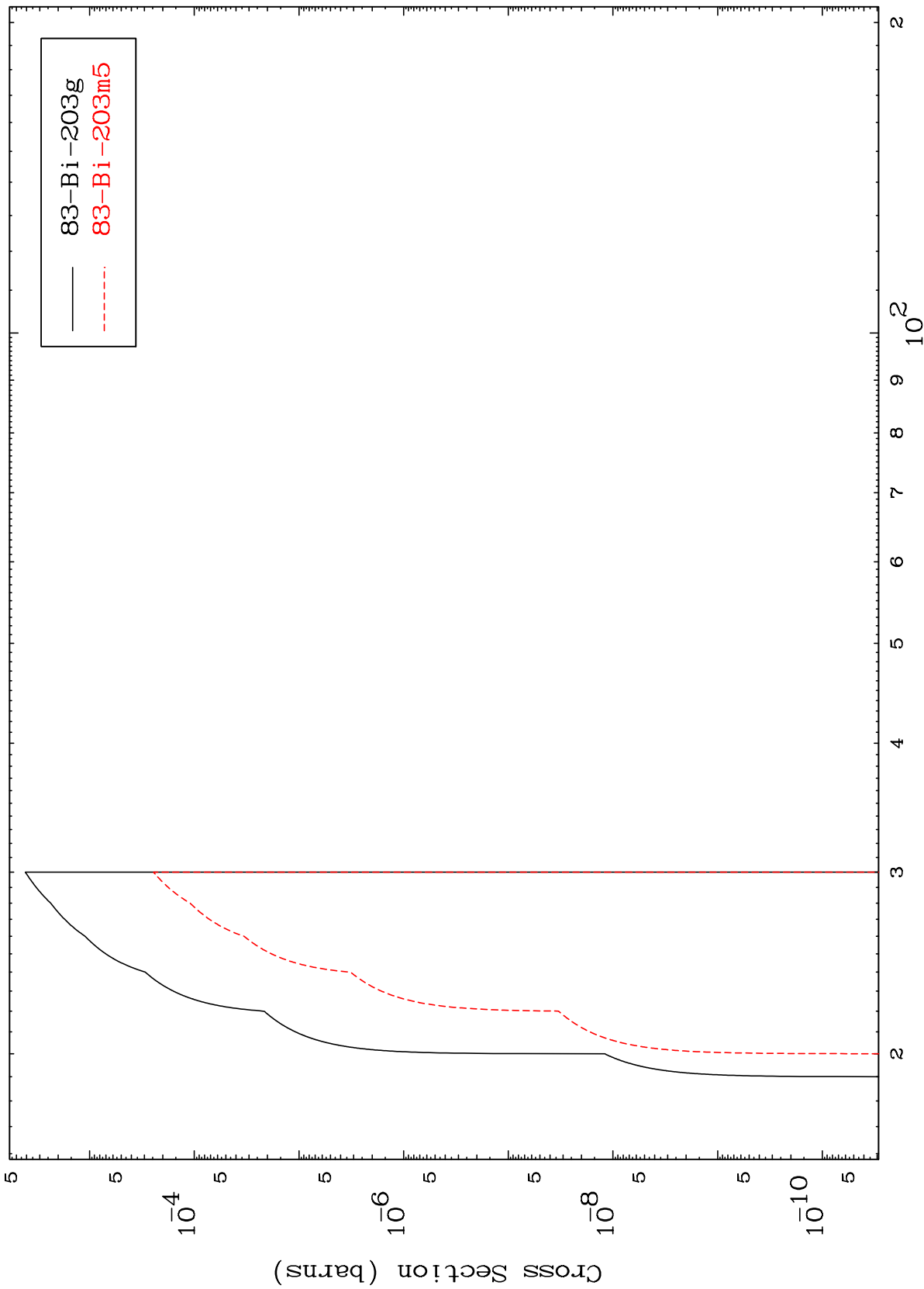
82-Pb-201

MAT 8217

(α, n') p

82-Pb-201

Radionuclide Production Cross Section



14

Incident Energy (MeV)

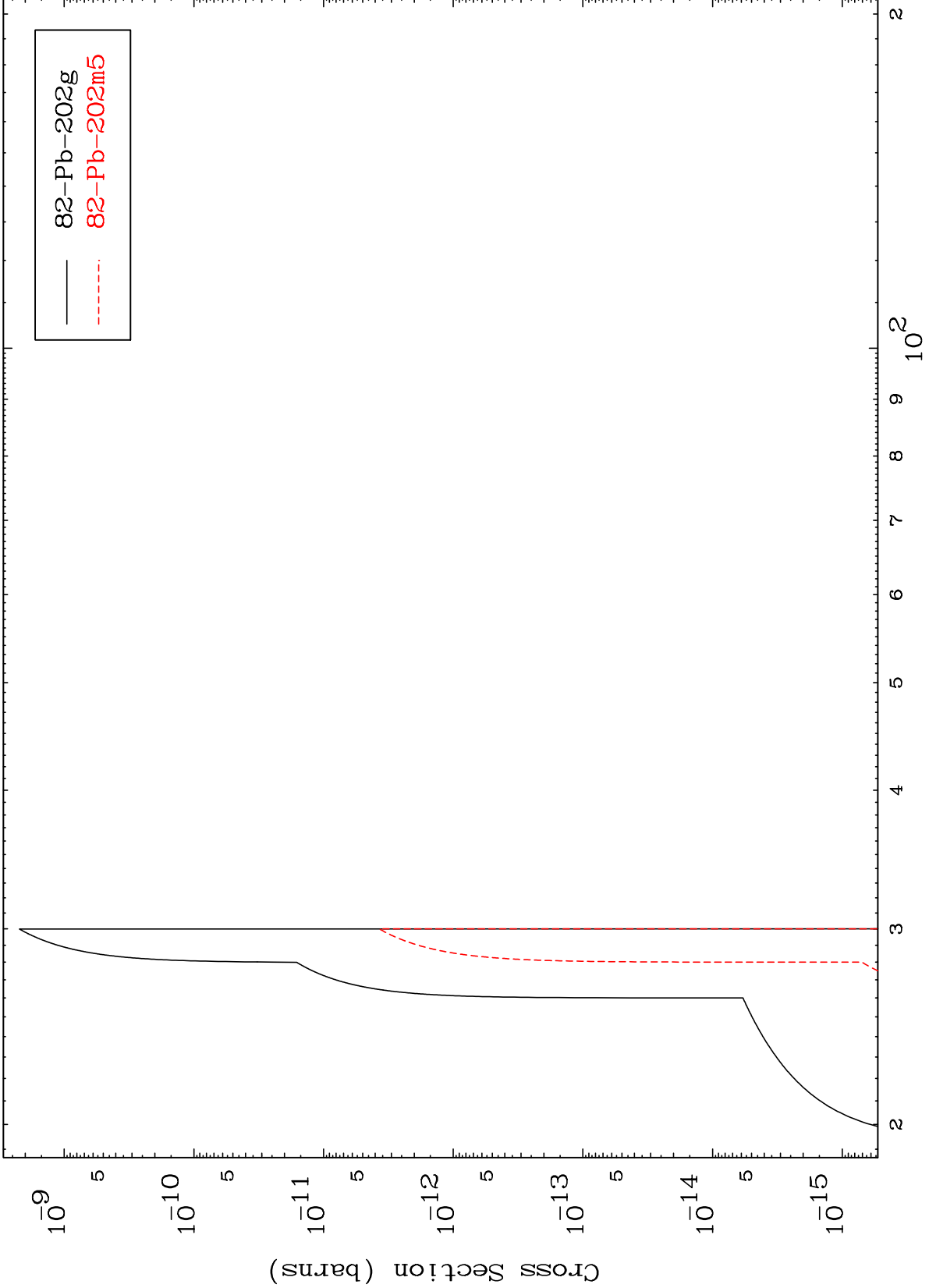
82-Pb-201

MAT 8217

($\alpha, 2n$) p

82-Pb-201

Radionuclide Production Cross Section



15

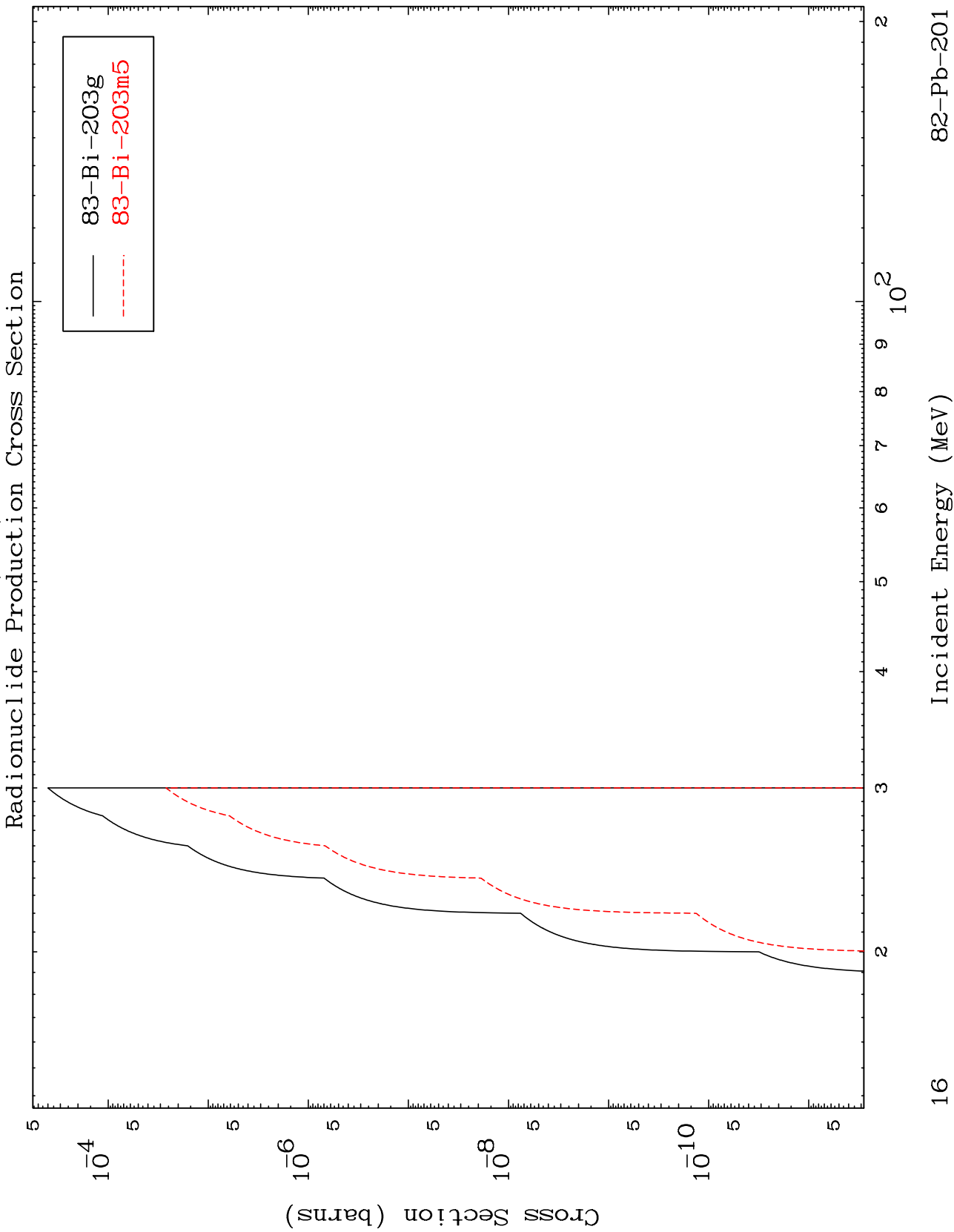
Incident Energy (MeV)

82-Pb-201

MAT 8217

(α, d)

82-Pb-201



16

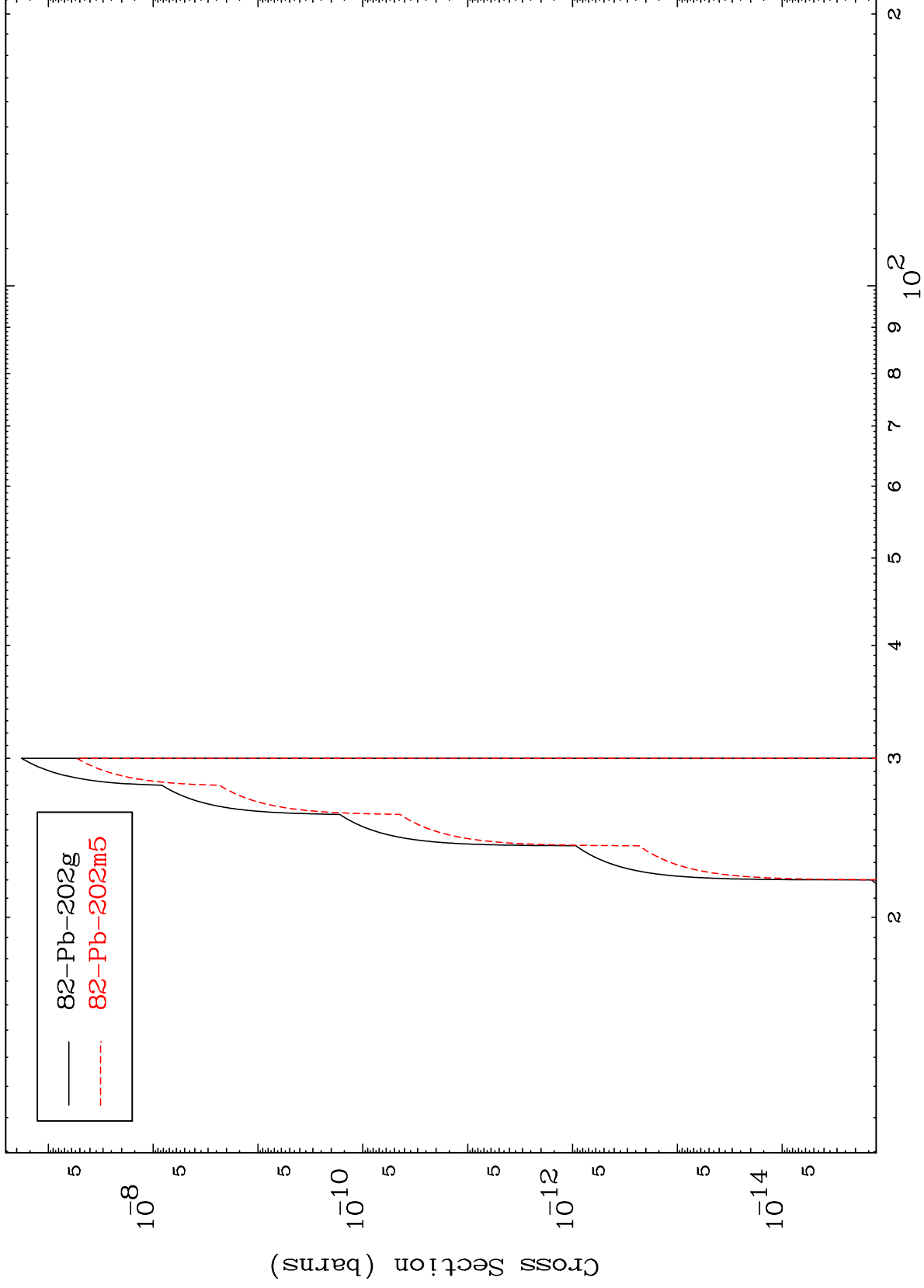
82-Pb-201

MAT 8217

($\alpha, \text{He-3}$)

82-Pb-201

Radionuclide Production Cross Section



17

Incident Energy (MeV)

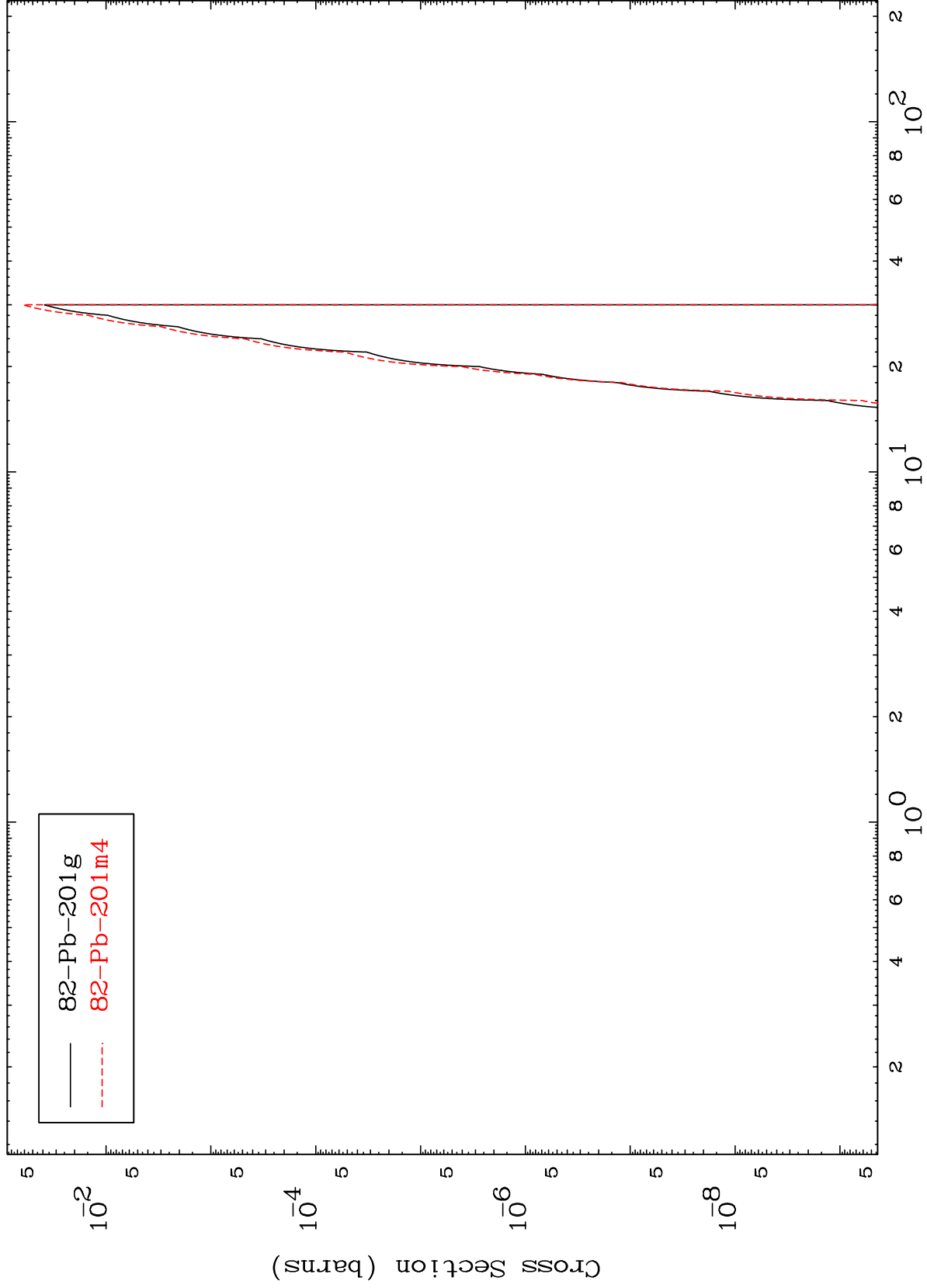
82-Pb-201

MAT 8217

82-Pb-201

(α, α)

Radionuclide Production Cross Section



18

82-Pb-201

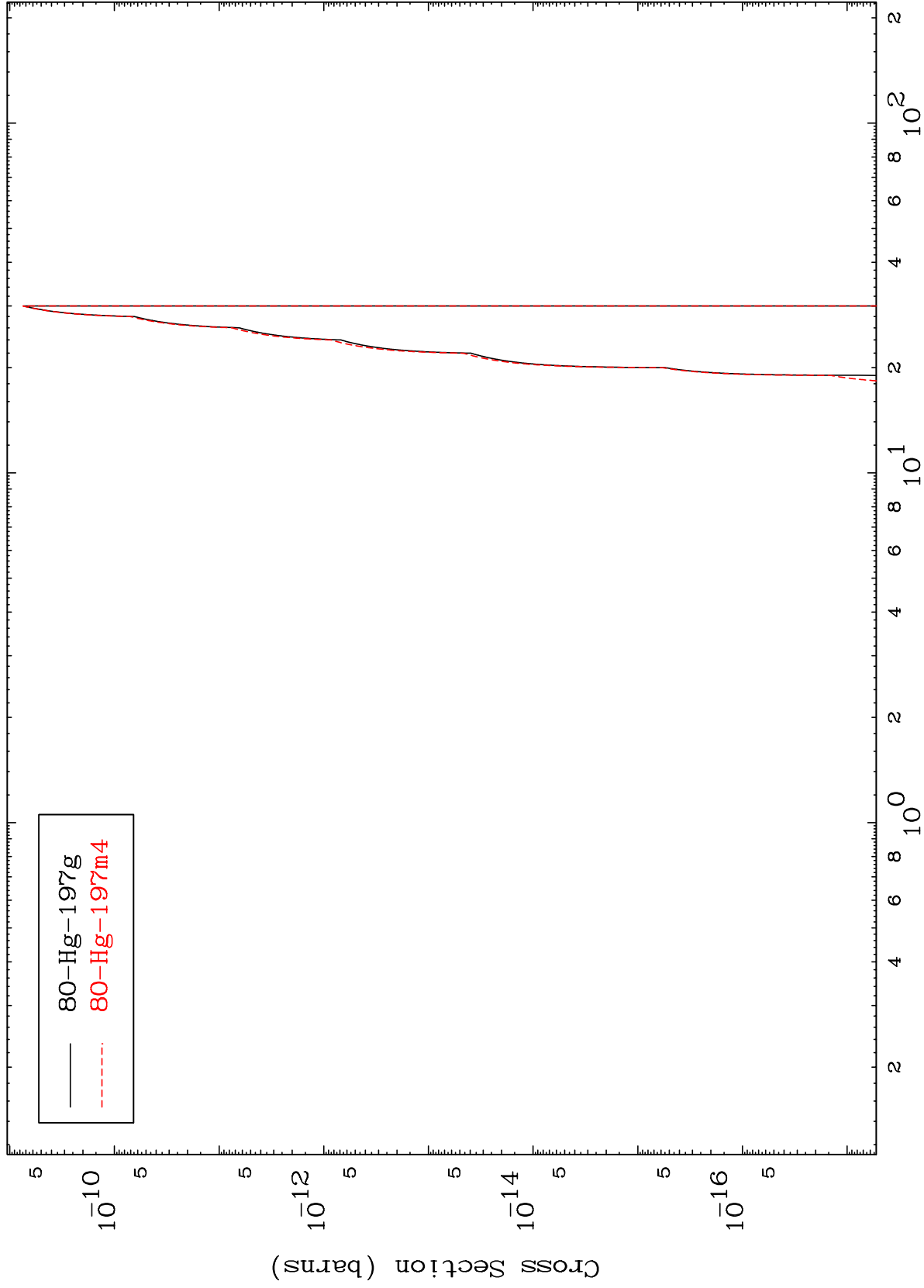
Incident Energy (MeV)

MAT 8217

82-Pb-201

($\alpha, 2\alpha$)

Radionuclide Production Cross Section



19

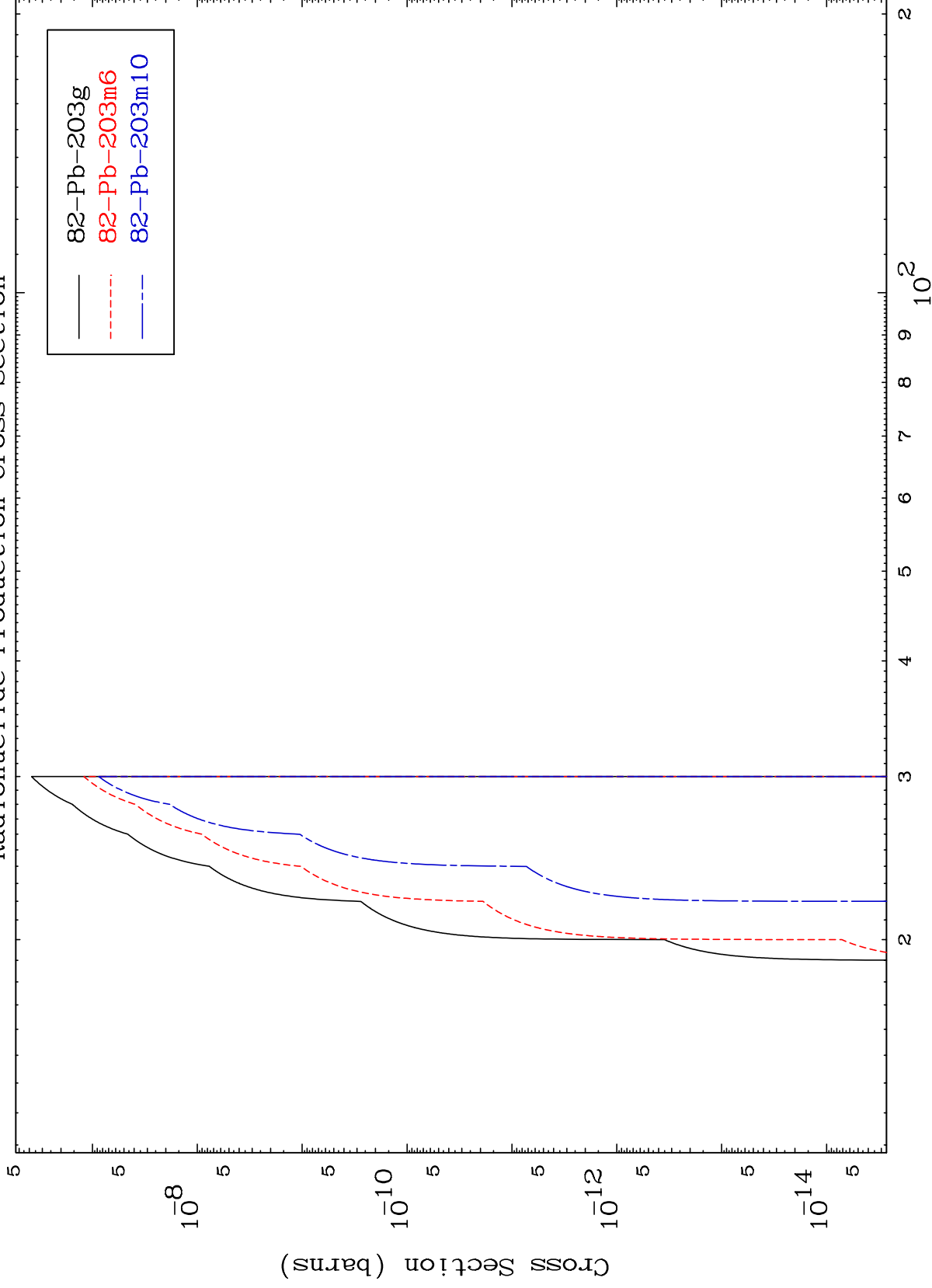
Incident Energy (MeV)

82-Pb-201

MAT 8217

82-Pb-201

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



20

Incident Energy (MeV)

82-Pb-201