

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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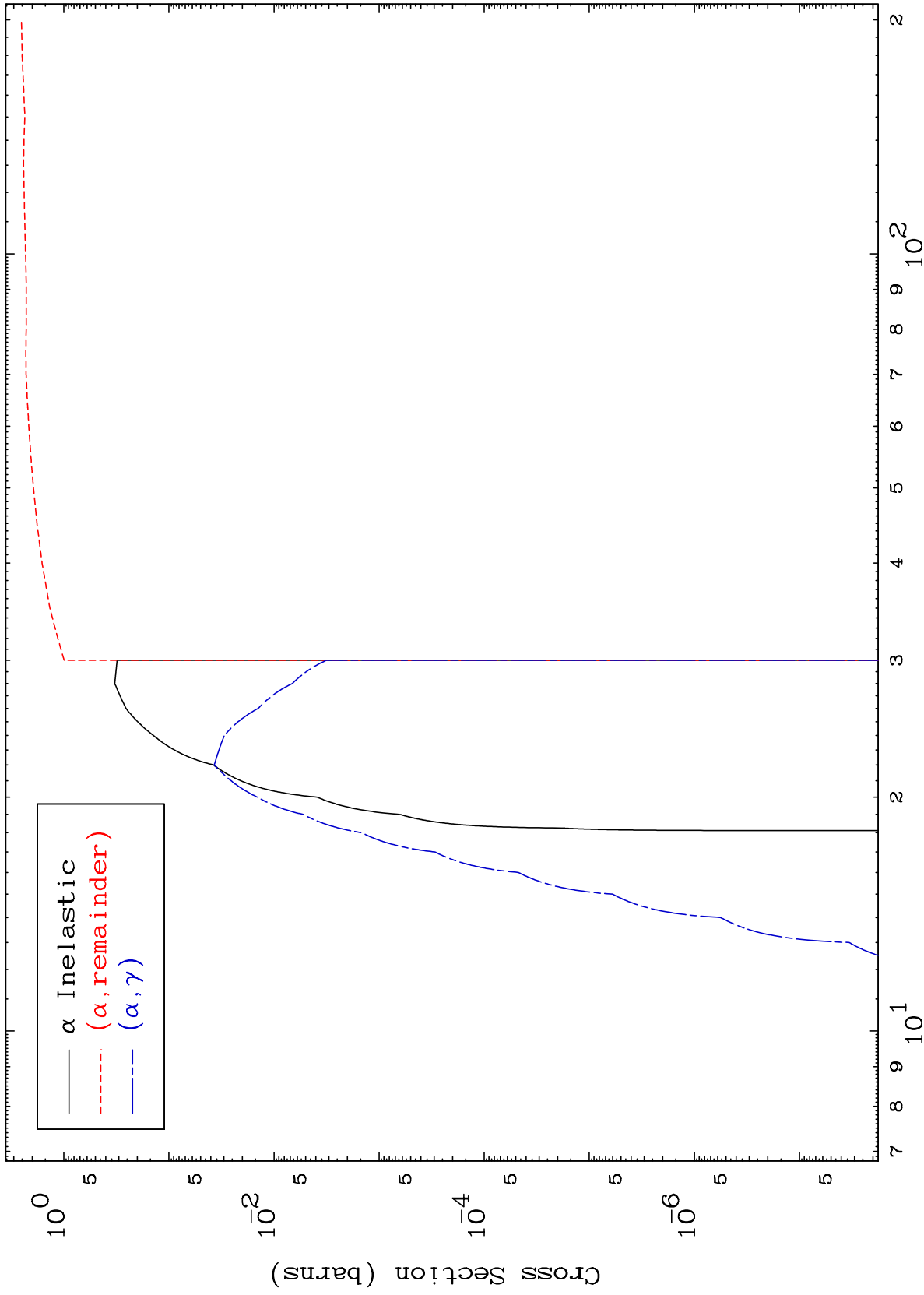
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8183

0 Kelvin α Major
Cross Sections

82-Pb-190



1

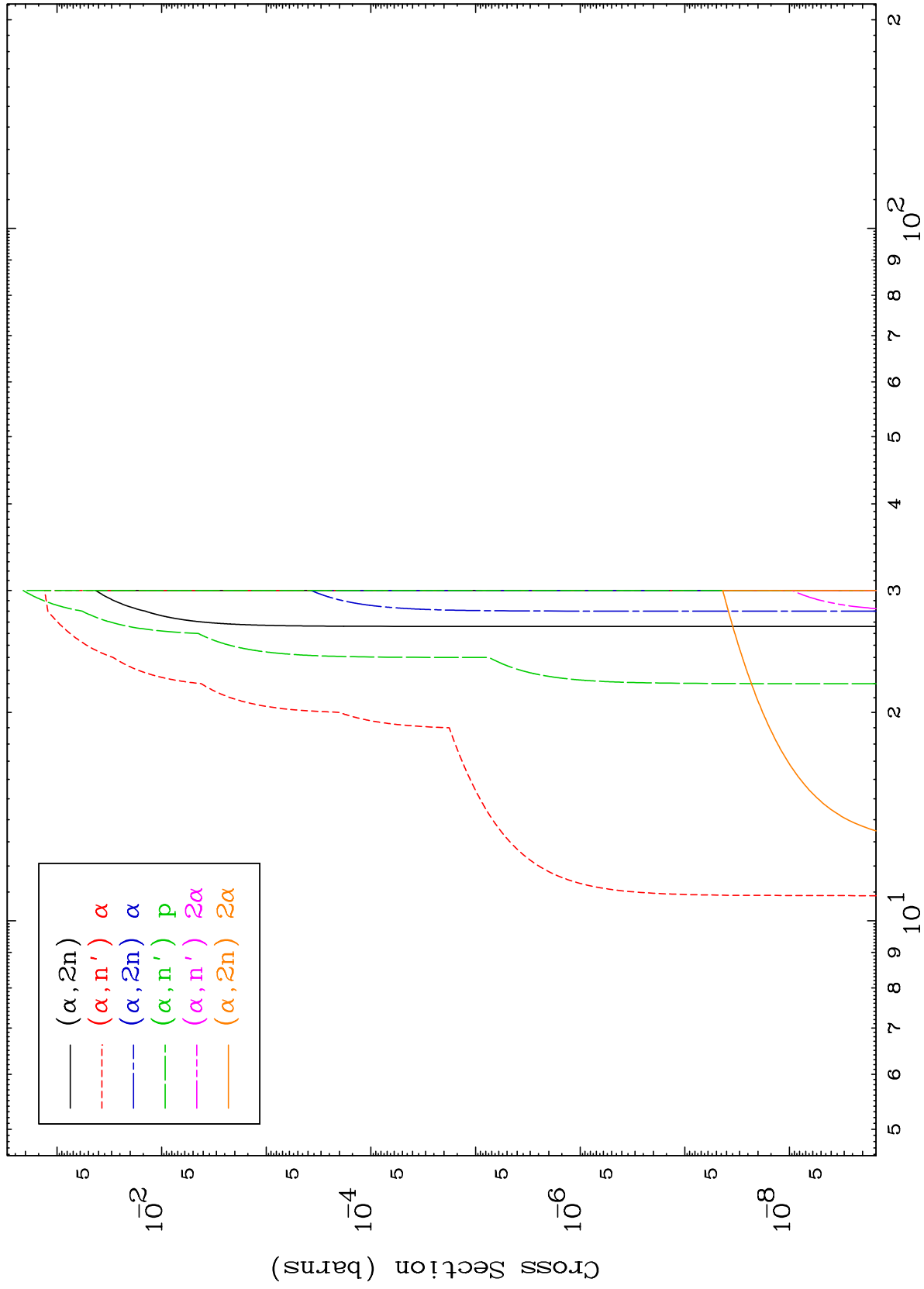
Incident Energy (MeV)

82-Pb-190

MAT 8183

α Neutron Production
0 Kelvin Cross Sections

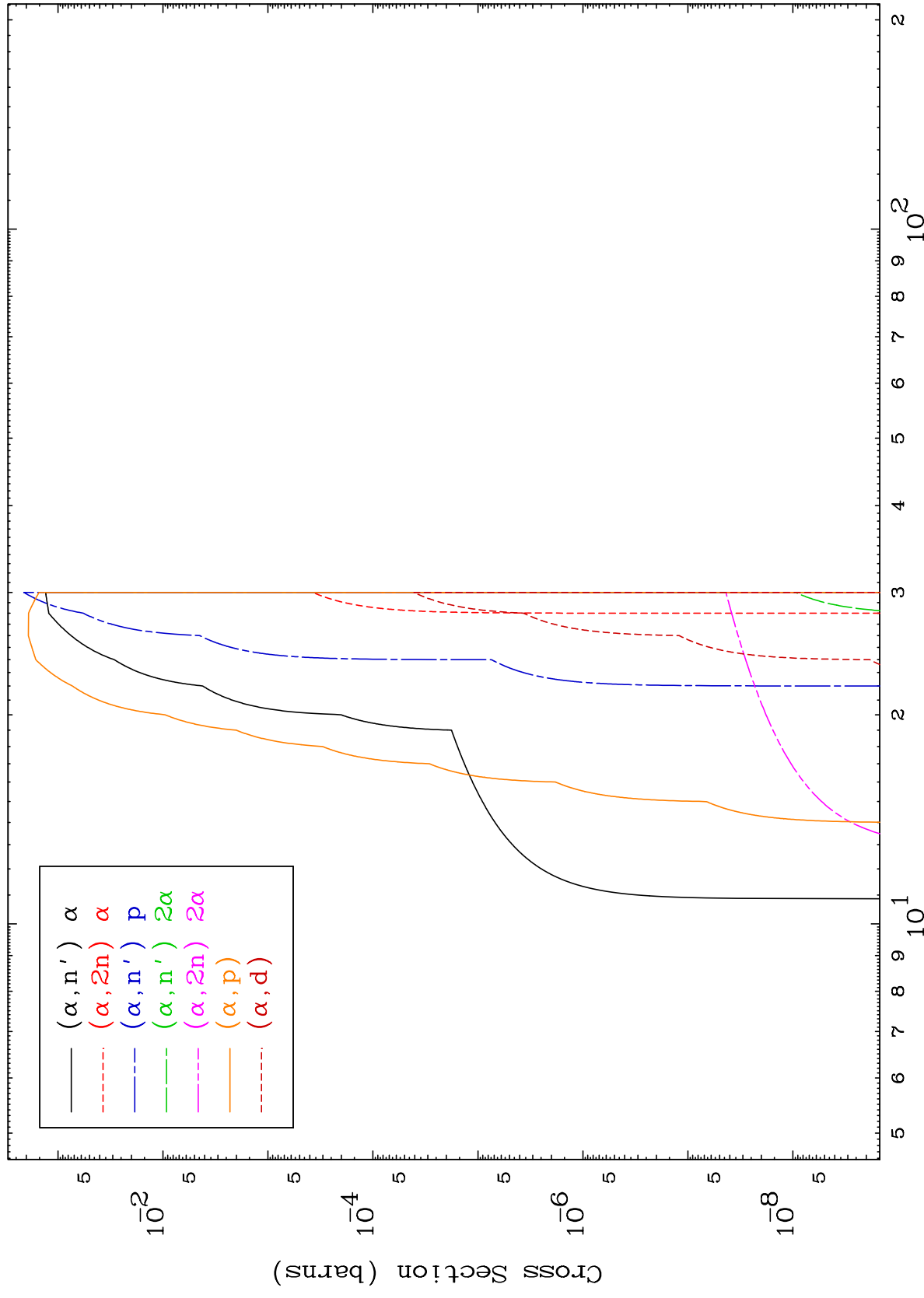
82-Pb-190



2

Incident Energy (MeV)

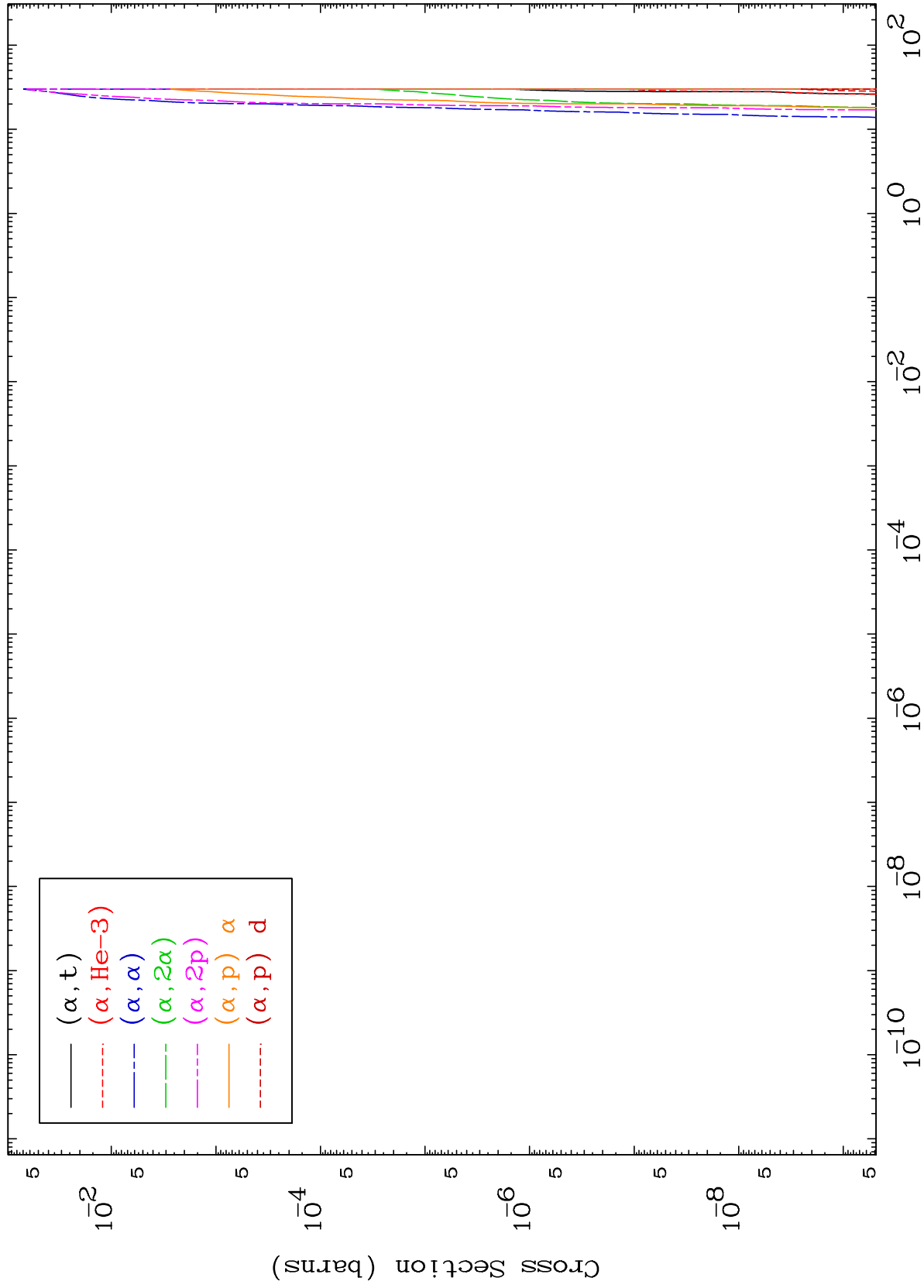
82-Pb-190



MAT 8183

α Charged Particle
0 Kelvin Cross Sections

82-Pb-190

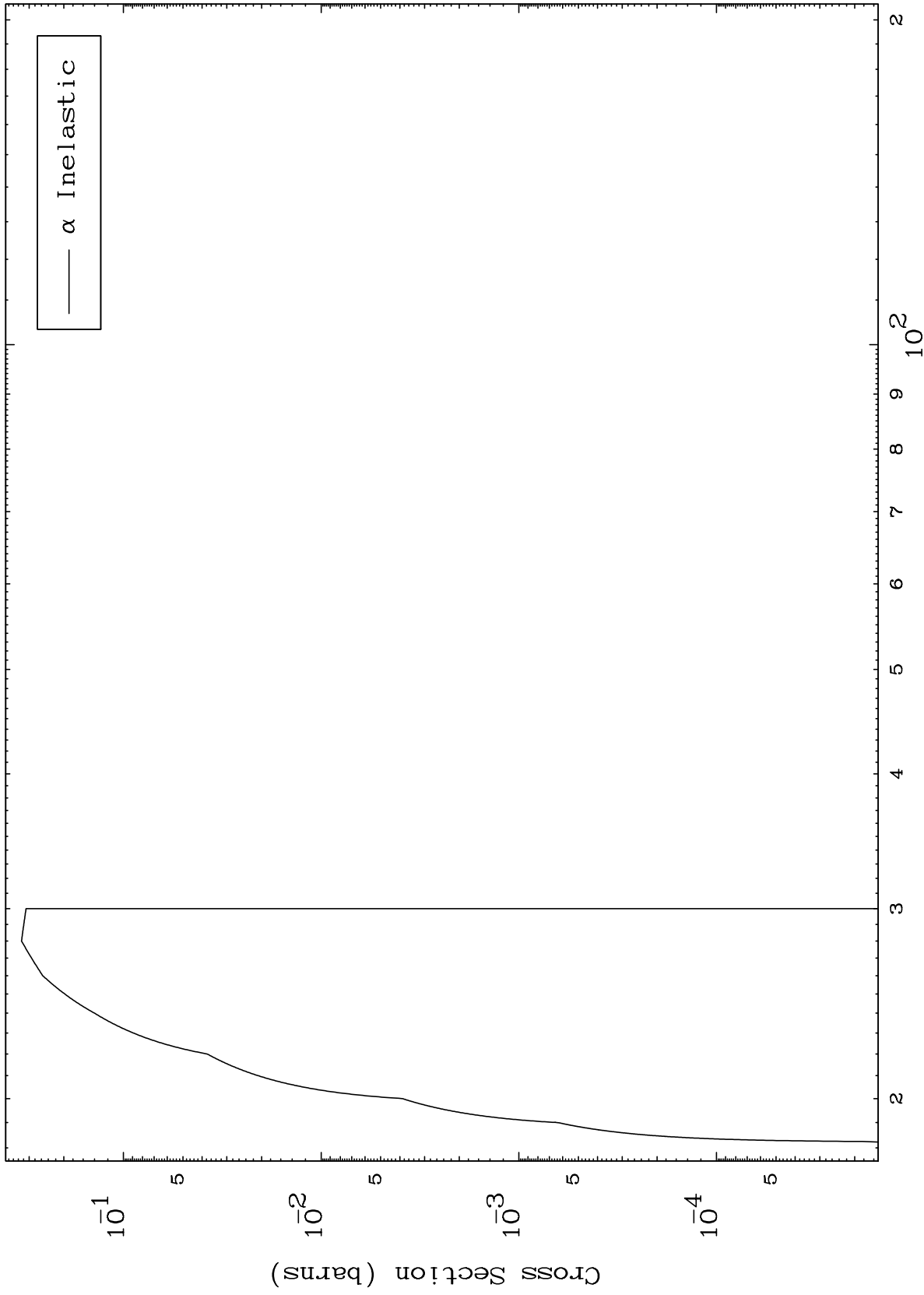


82-Pb-190

MAT 8183

(α, n') Level
0 Kelvin Cross Sections

82-Pb-190



5

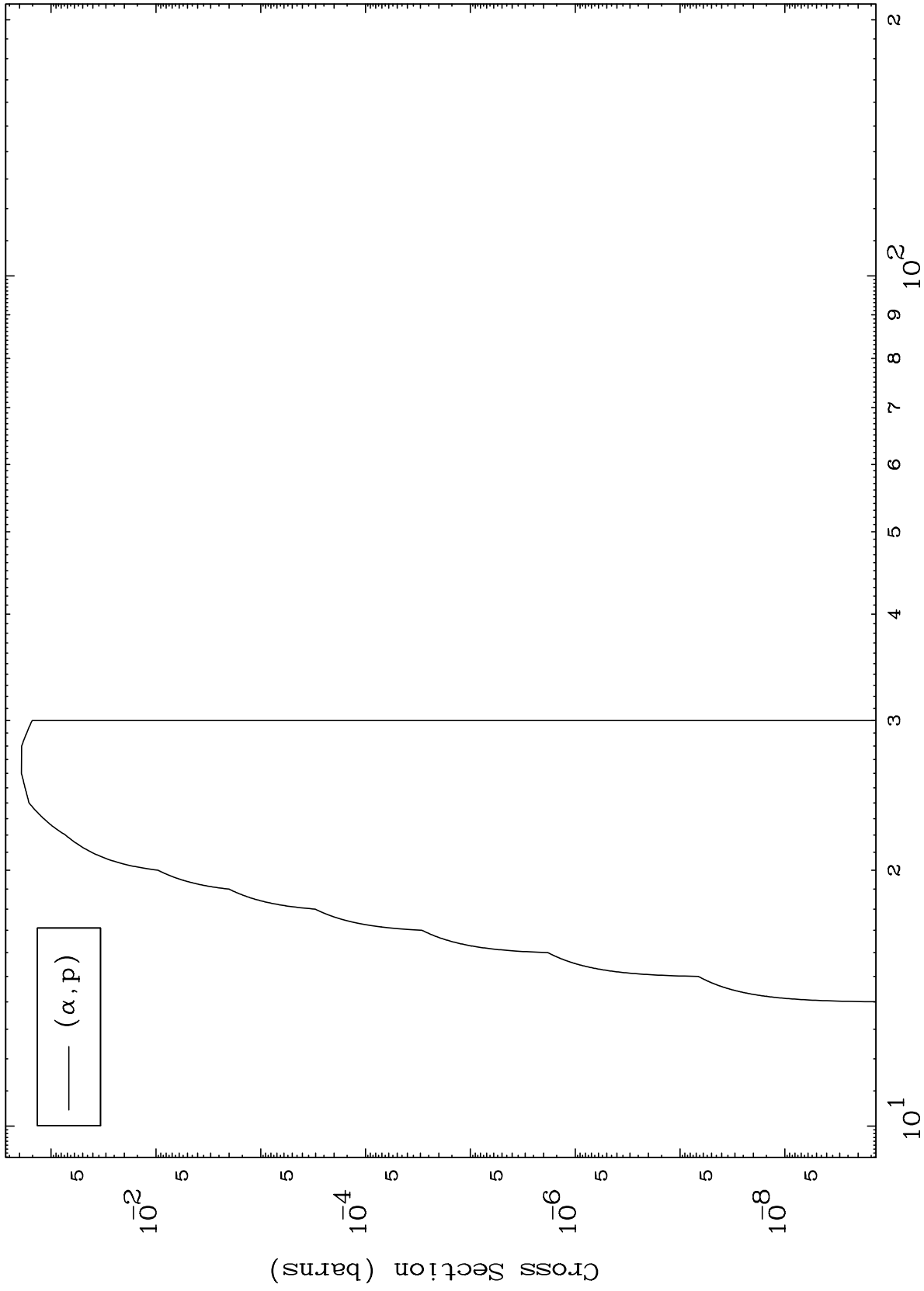
Incident Energy (MeV)

82-Pb-190

MAT 8183

(α, p) Levels
0 Kelvin Cross Sections

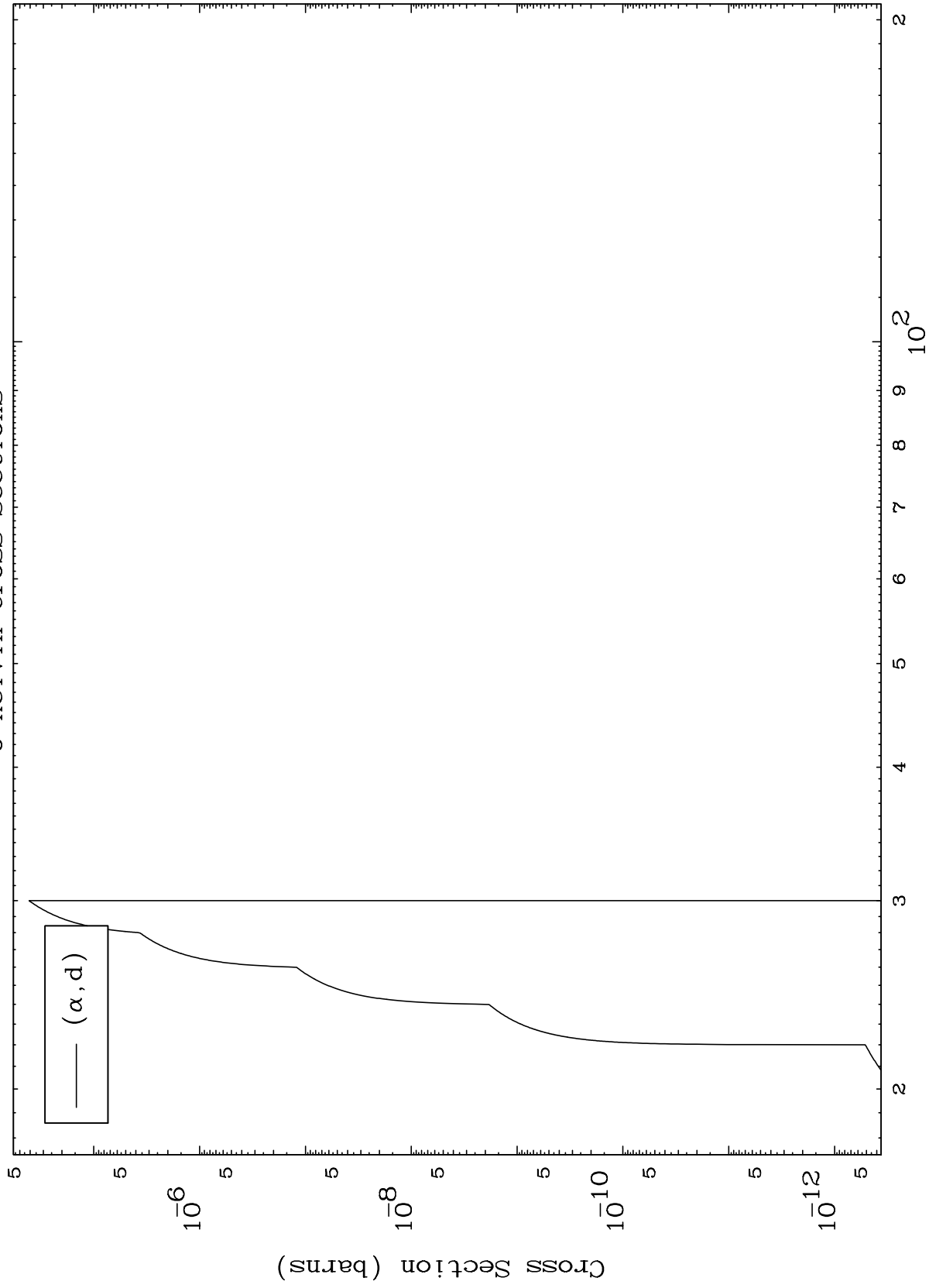
82-Pb-190



MAT 8183

(α, d) Levels
0 Kelvin Cross Sections

82-Pb-190



7

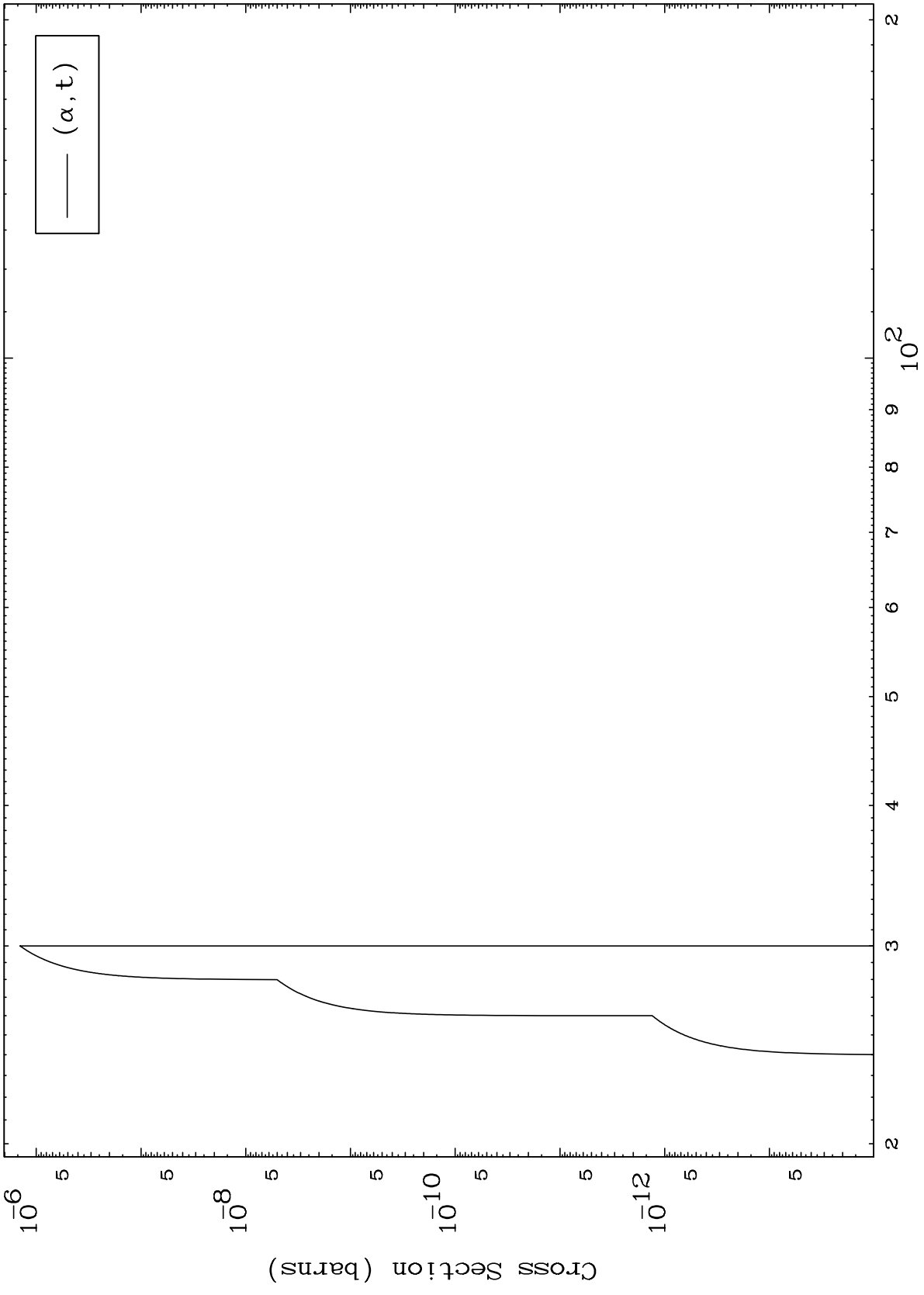
Incident Energy (MeV)

82-Pb-190

MAT 8183

(α, t) Levels
0 Kelvin Cross Sections

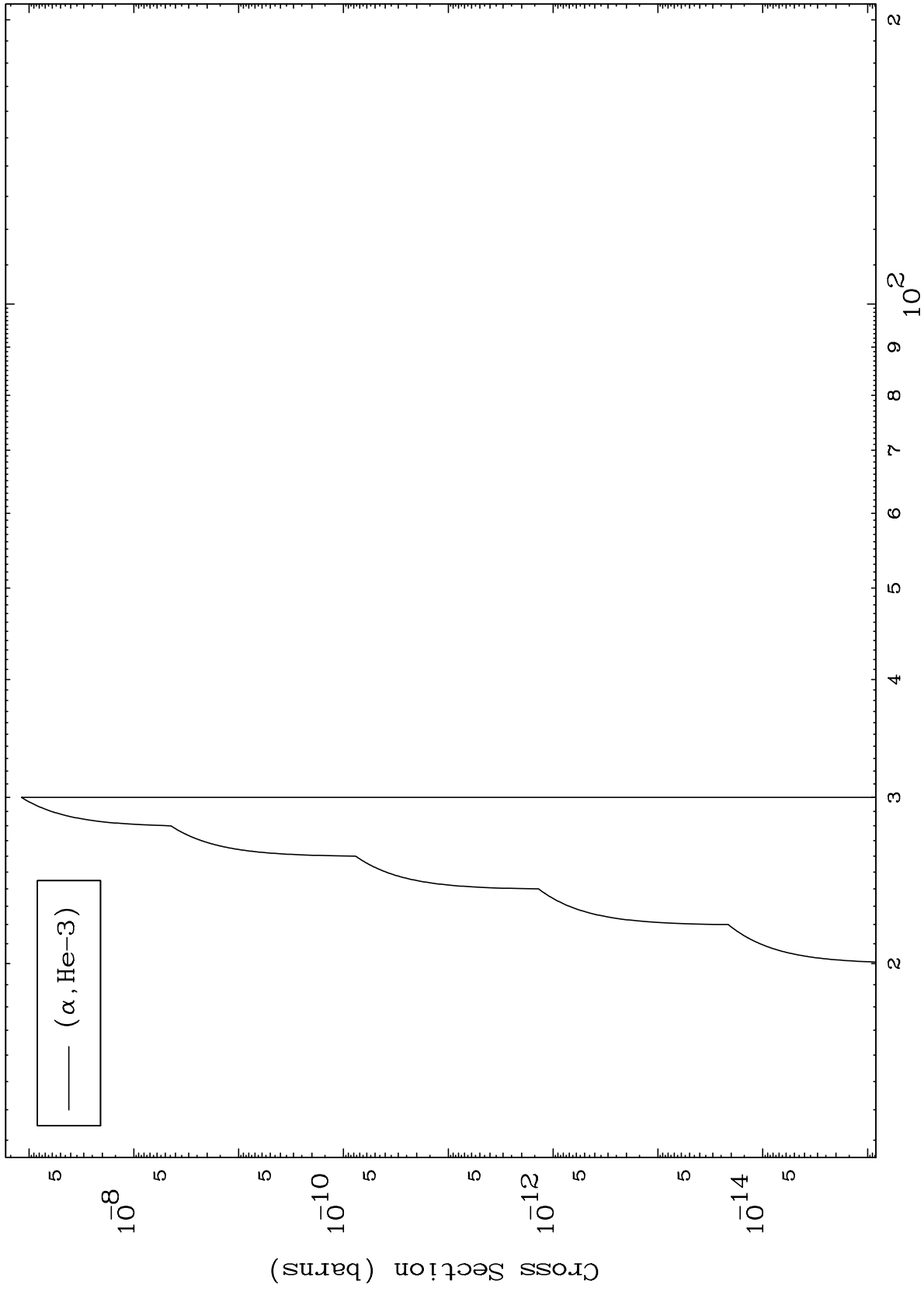
82-Pb-190



8

Incident Energy (MeV)

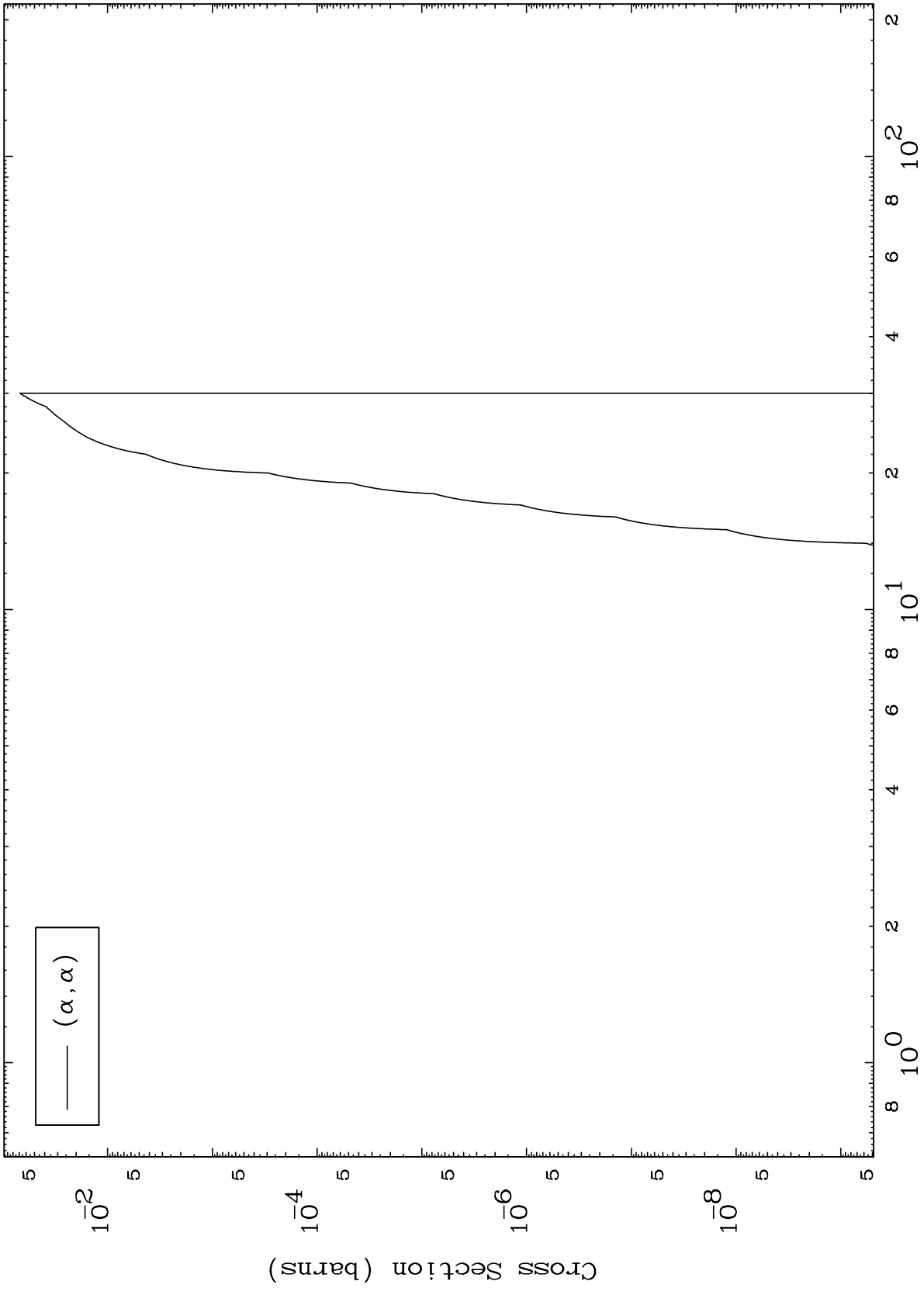
82-Pb-190



MAT 8183

(α, α) Levels
0 Kelvin Cross Sections

82-Pb-190



10

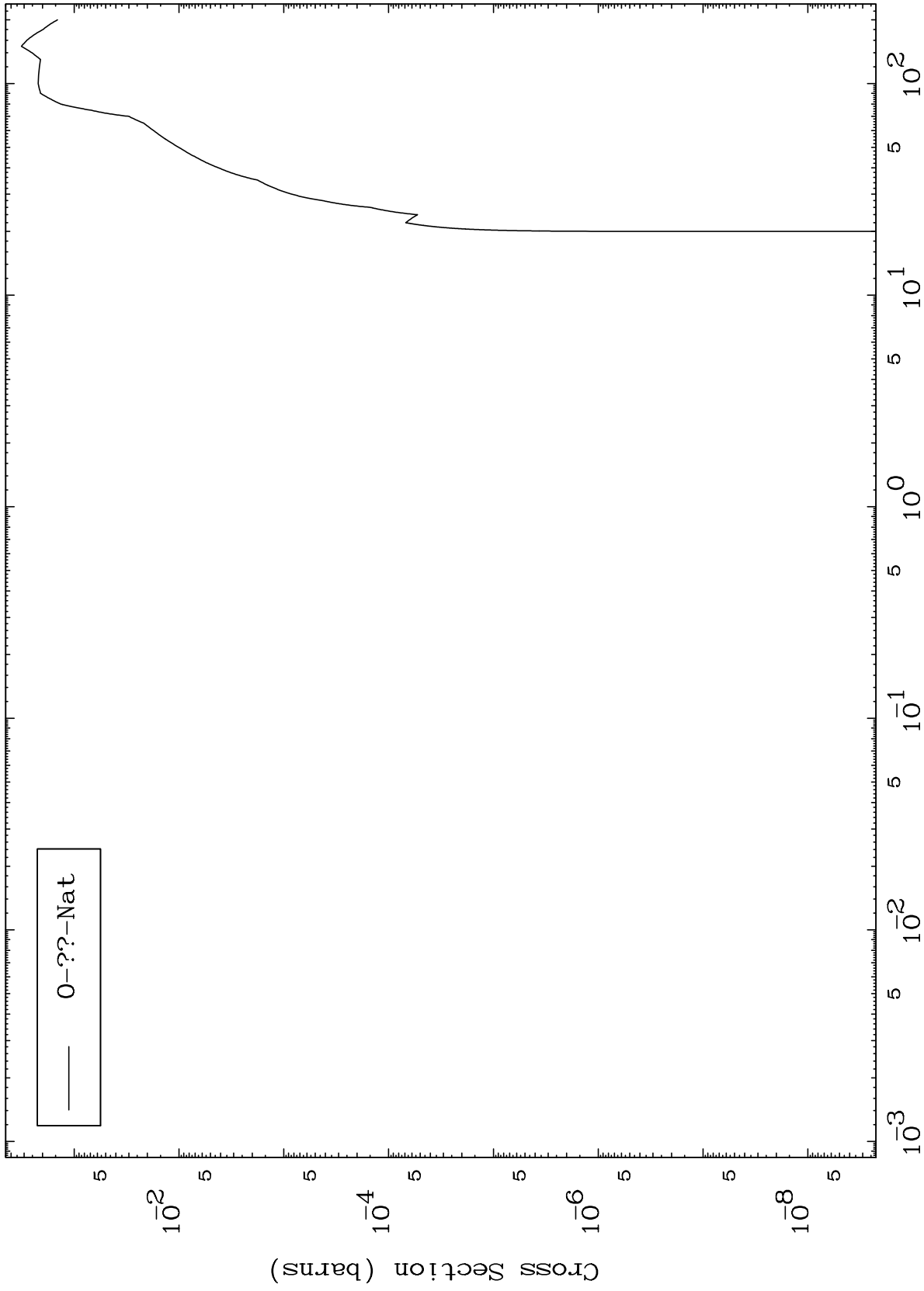
Incident Energy (MeV)

82-Pb-190

MAT 8183

α Fission
Radionuclide Production Cross Section

82-Pb-190



11

Incident Energy (MeV)

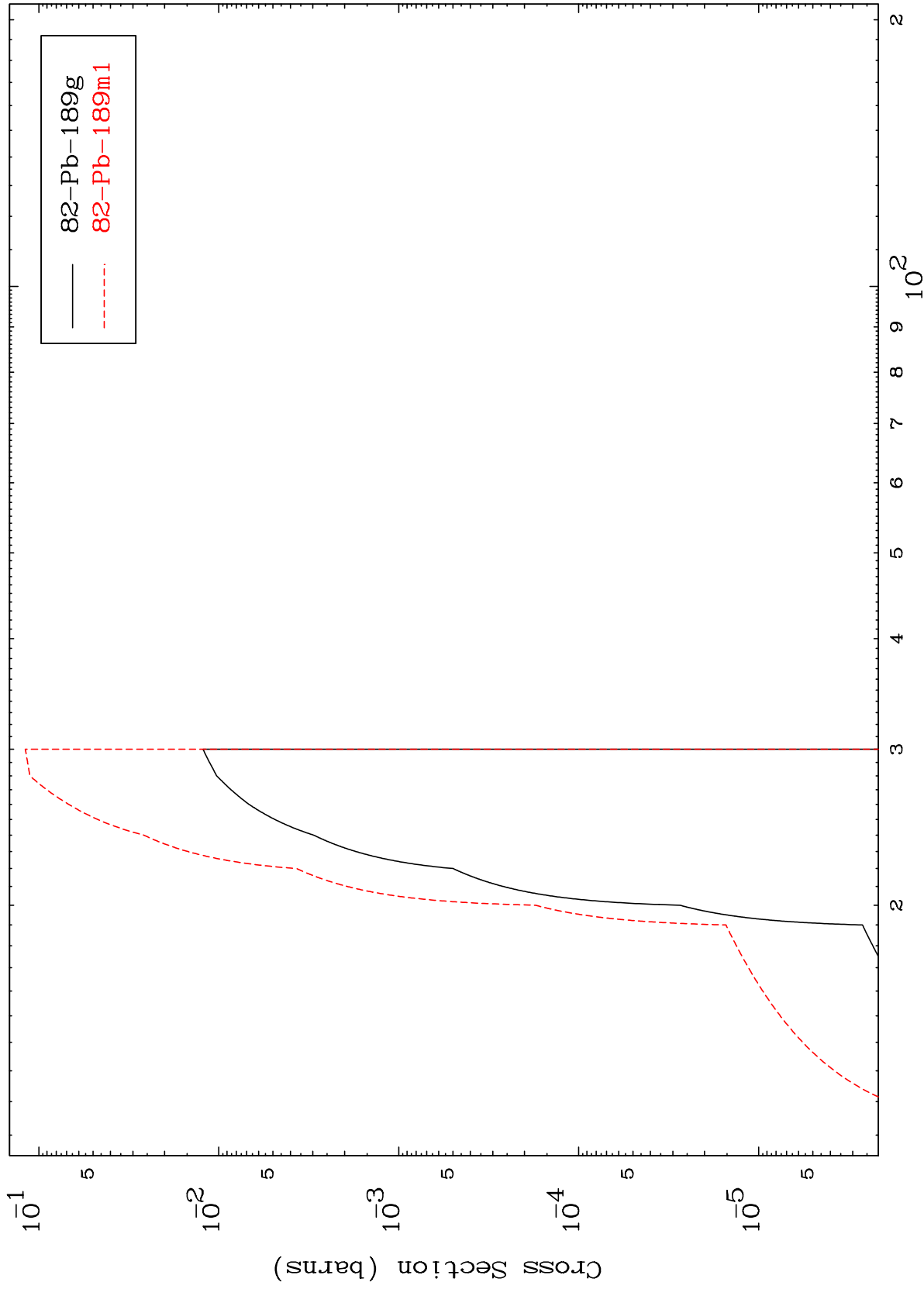
82-Pb-190

MAT 8183

(α, n') α

82-Pb-190

Radionuclide Production Cross Section



12

Incident Energy (MeV)

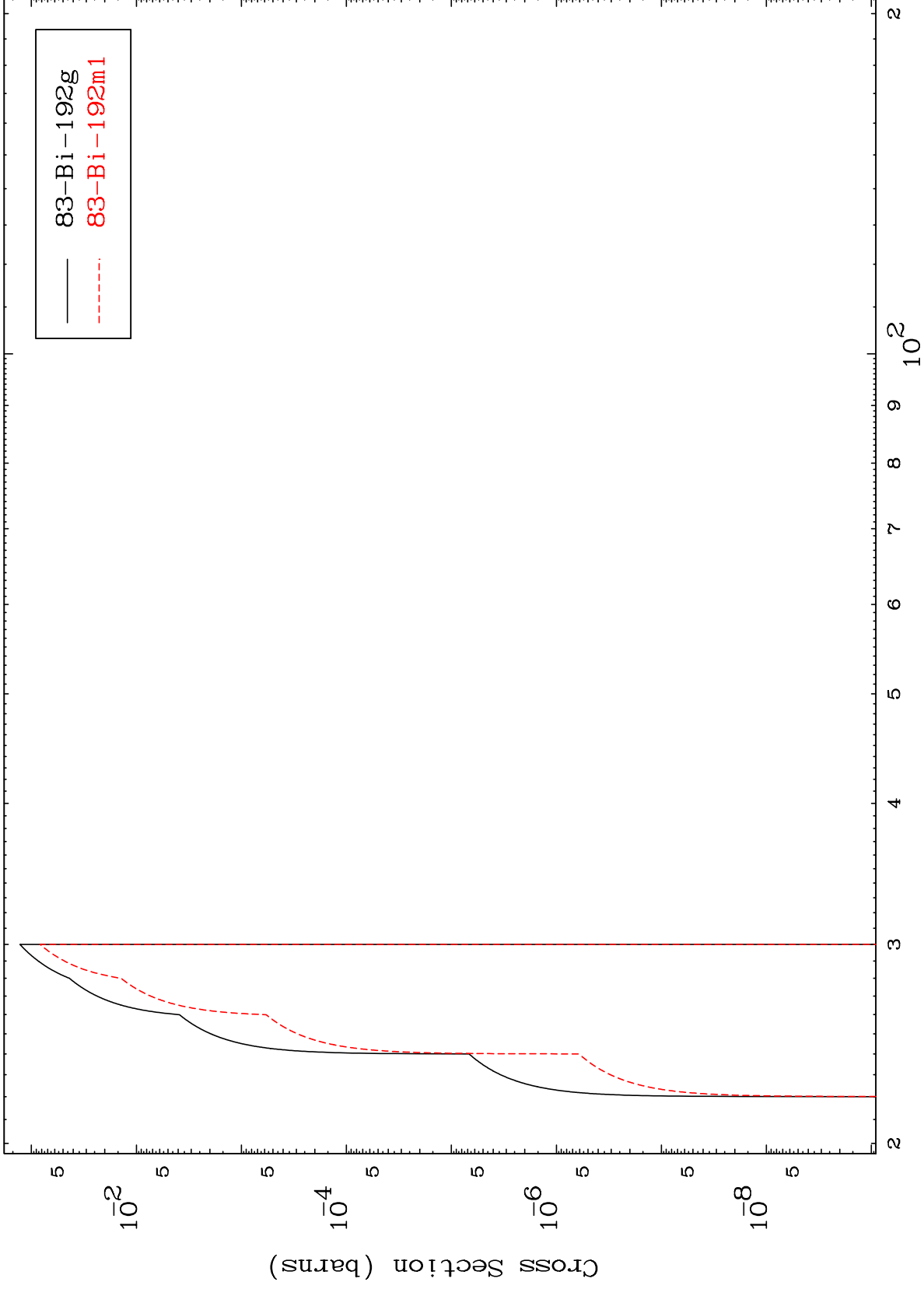
82-Pb-190

MAT 8183

(α, n') p

82-Pb-190

Radionuclide Production Cross Section



13

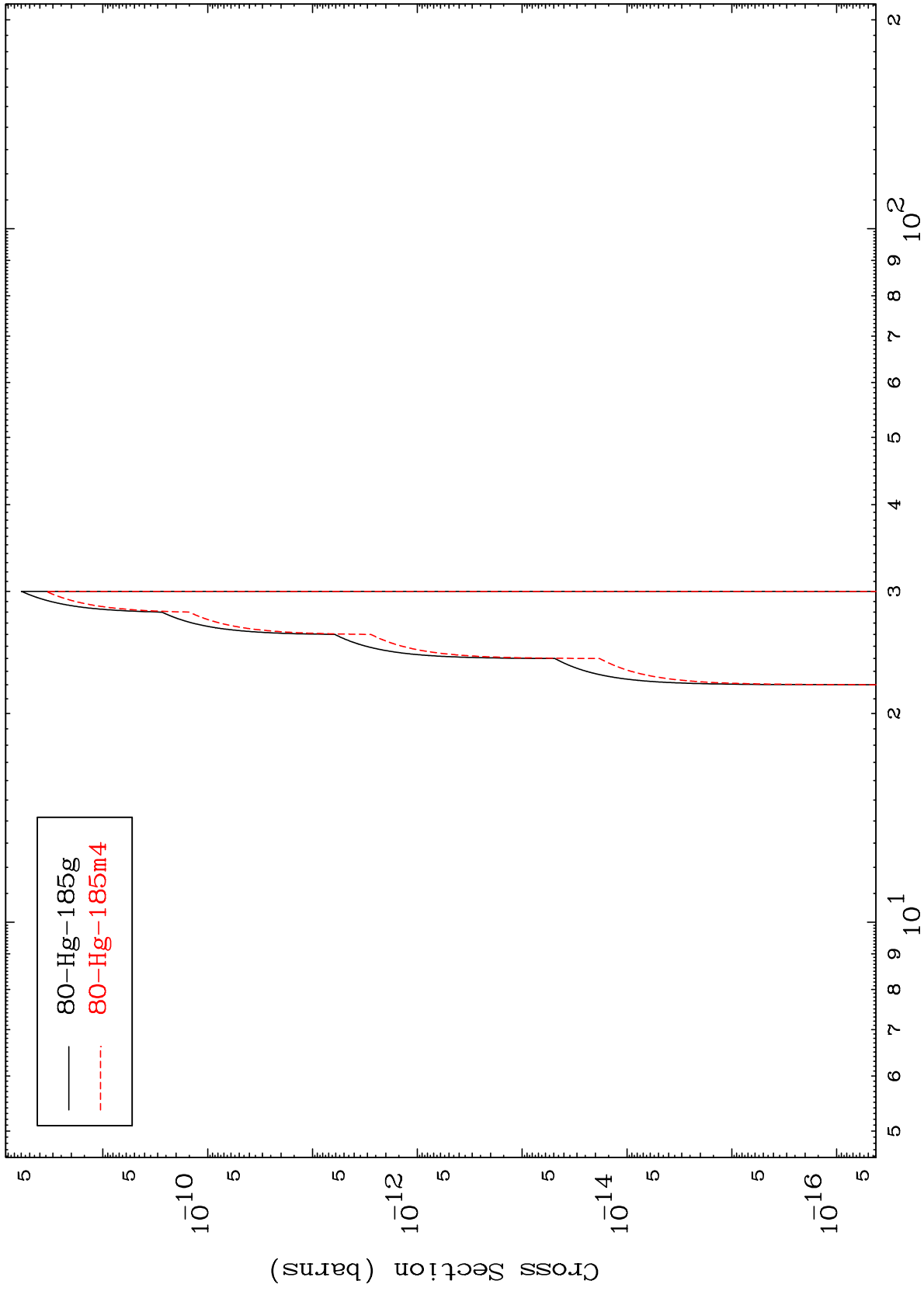
Incident Energy (MeV)

82-Pb-190

MAT 8183

82-Pb-190

(α, n') 2α
Radionuclide Production Cross Section



14

Incident Energy (MeV)

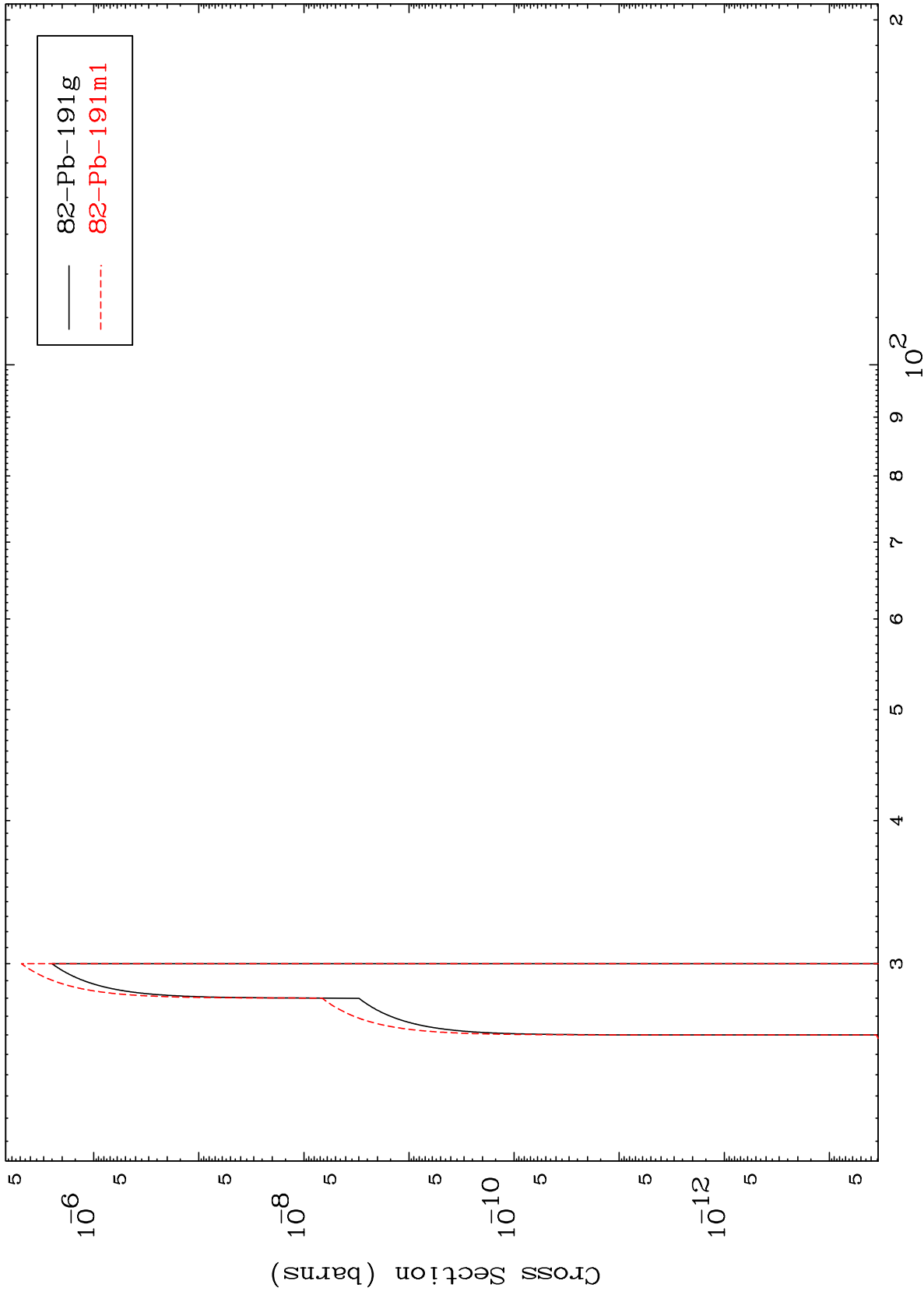
82-Pb-190

MAT 8183

$(\alpha, 2n)$ p

$^{82}\text{Pb-190}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

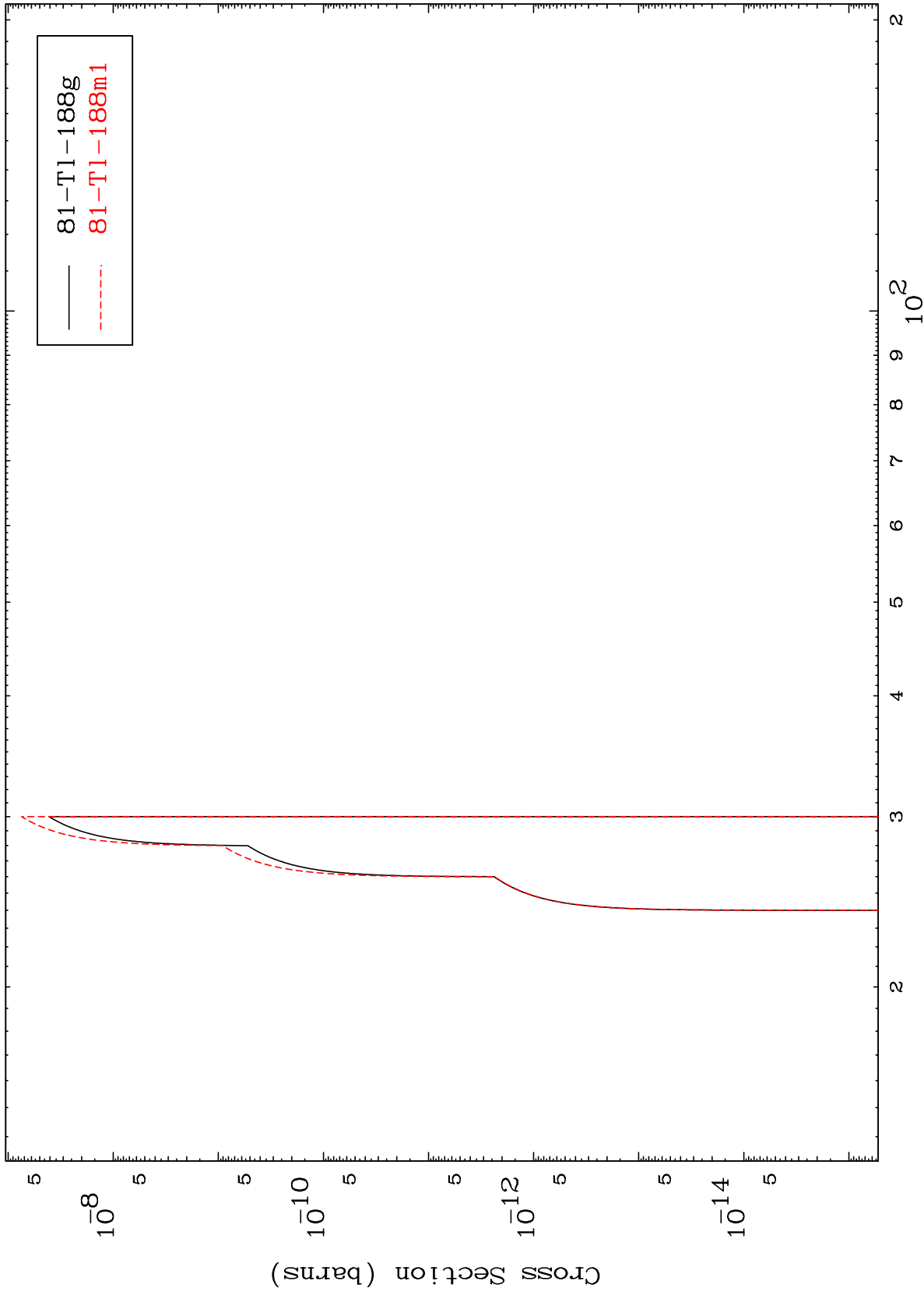
$^{82}\text{Pb-190}$

MAT 8183

(α, n') p α

82-Pb-190

Radionuclide Production Cross Section



16

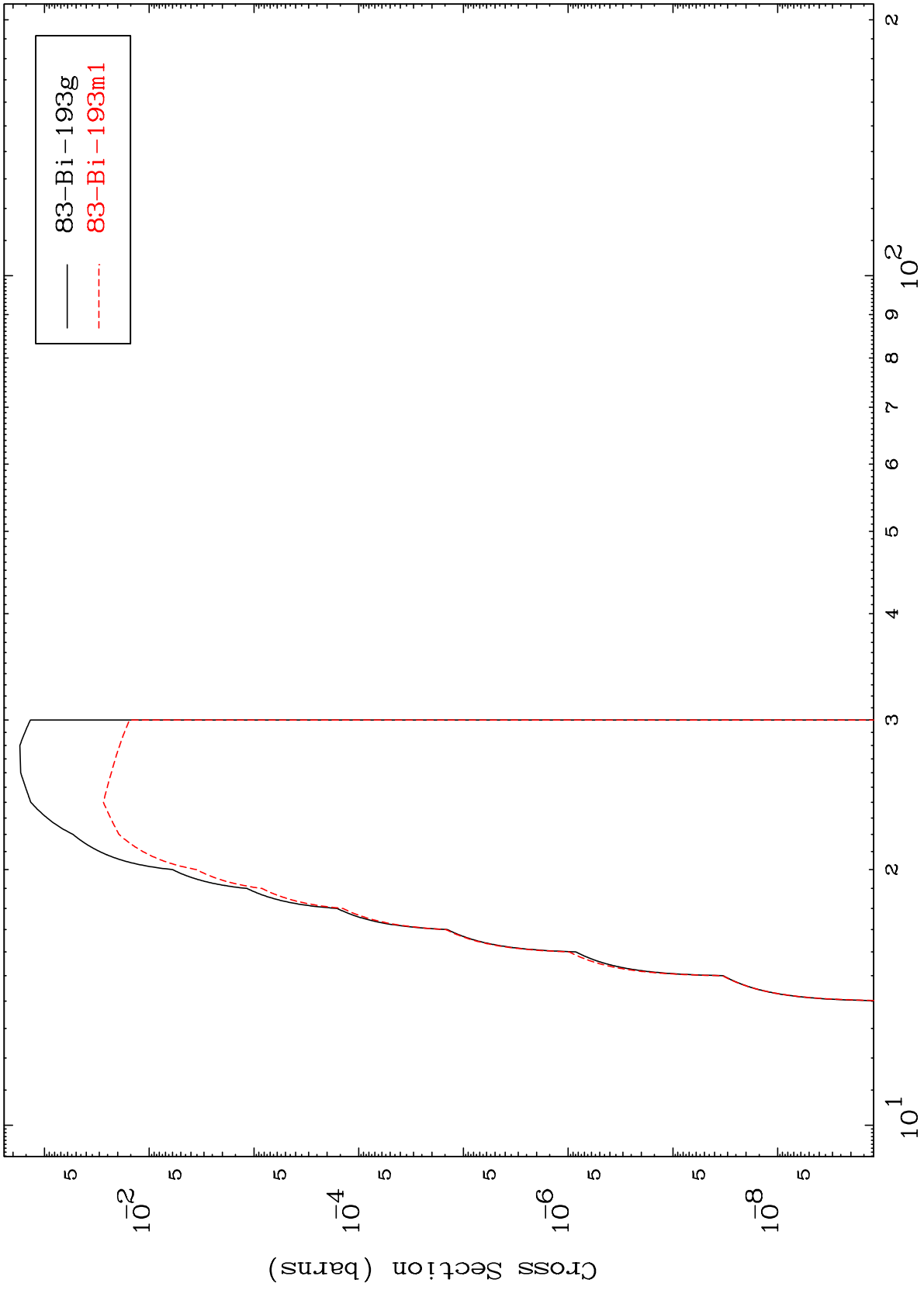
Incident Energy (MeV)

82-Pb-190

MAT 8183

82-Pb-190

Radionuclide Production Cross Section
(α, p)



17

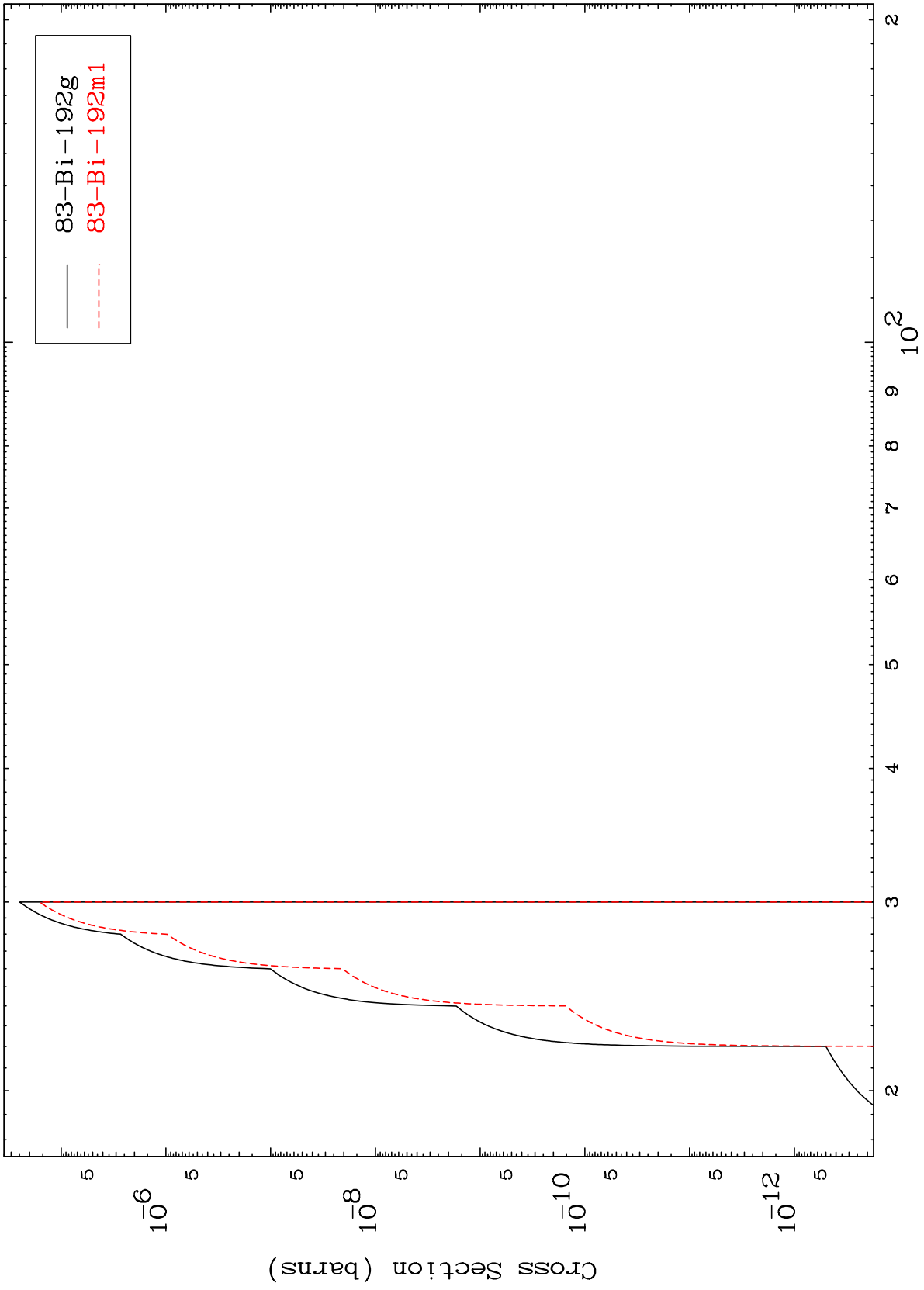
Incident Energy (MeV)

82-Pb-190

MAT 8183

82-Pb-190

(α, d)
Radionuclide Production Cross Section



18

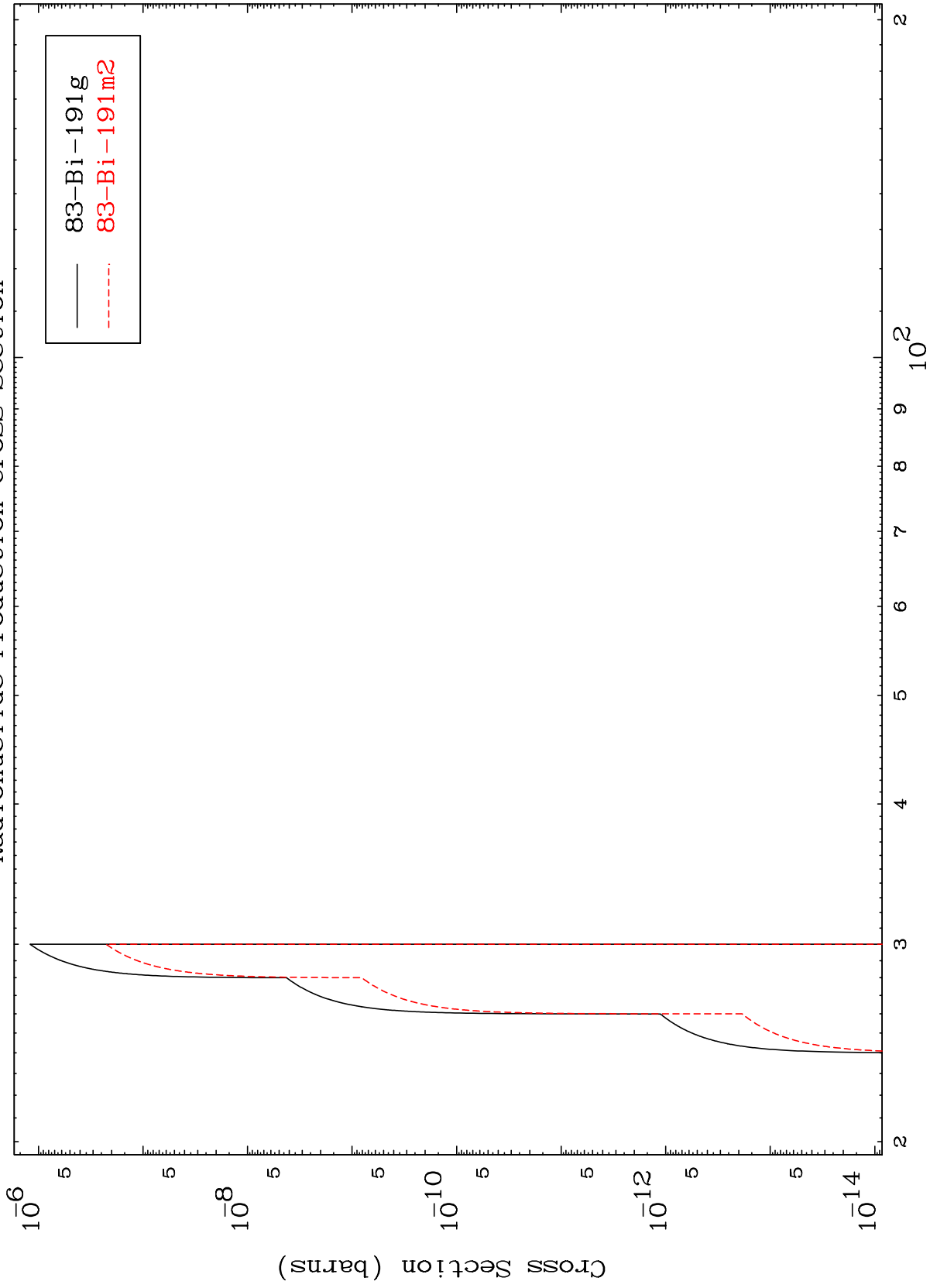
82-Pb-190

MAT 8183

(α, t)

82-Pb-190

Radionuclide Production Cross Section



19

Incident Energy (MeV)

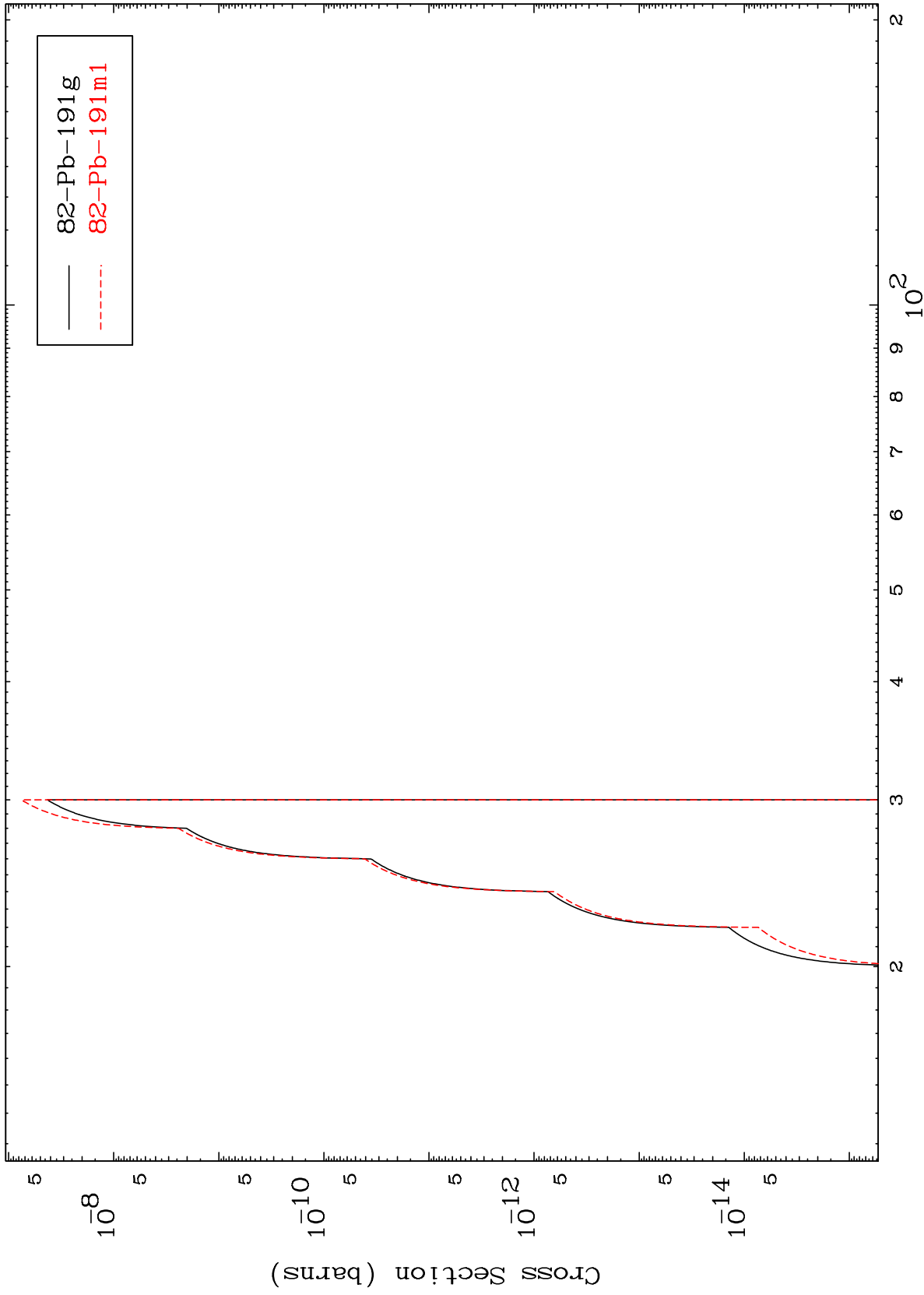
82-Pb-190

MAT 8183

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

82-Pb-190

Radionuclide Production Cross Section



20

Incident Energy (MeV)

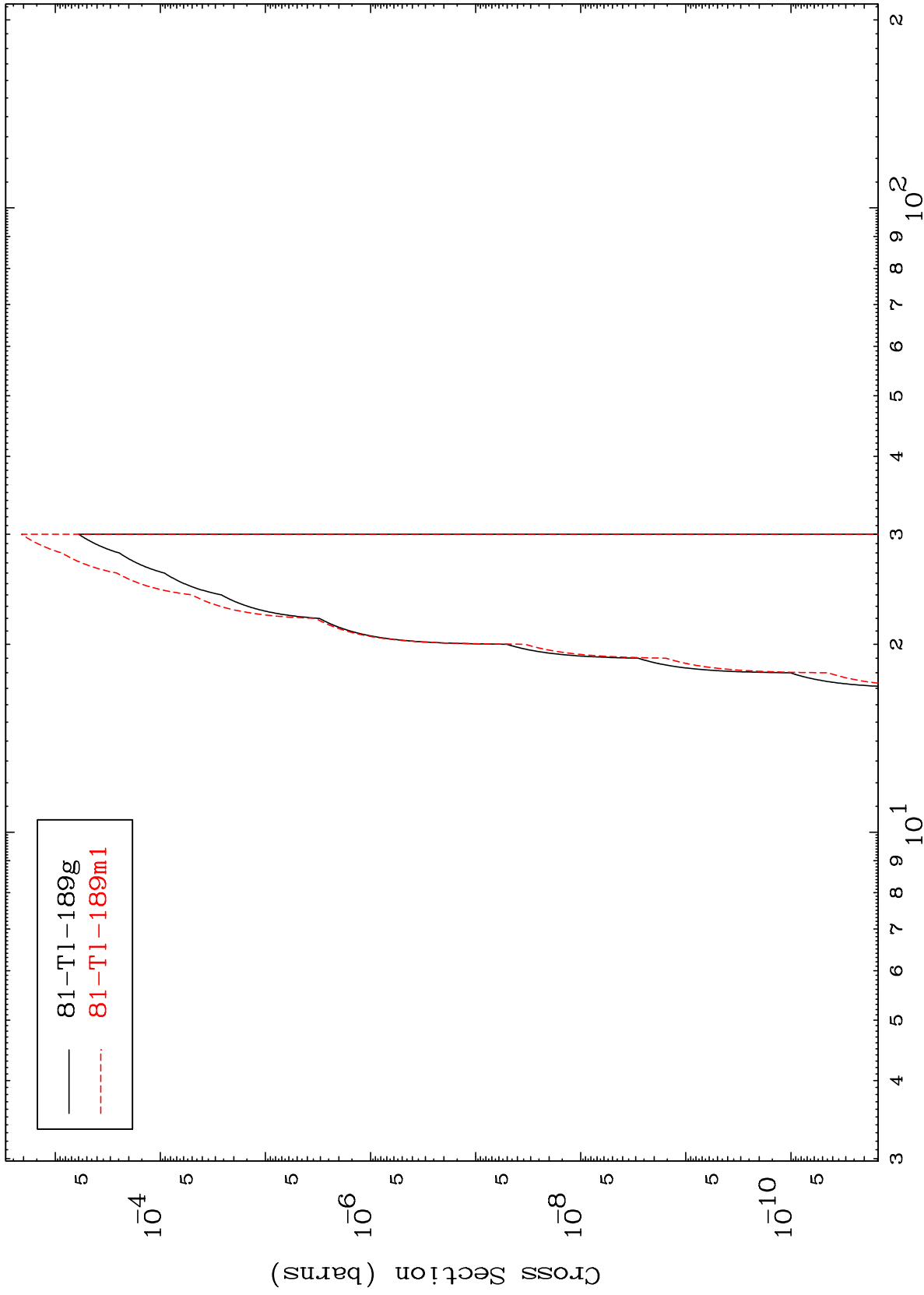
82-Pb-190

MAT 8183

(α, p) α

82-Pb-190

Radionuclide Production Cross Section



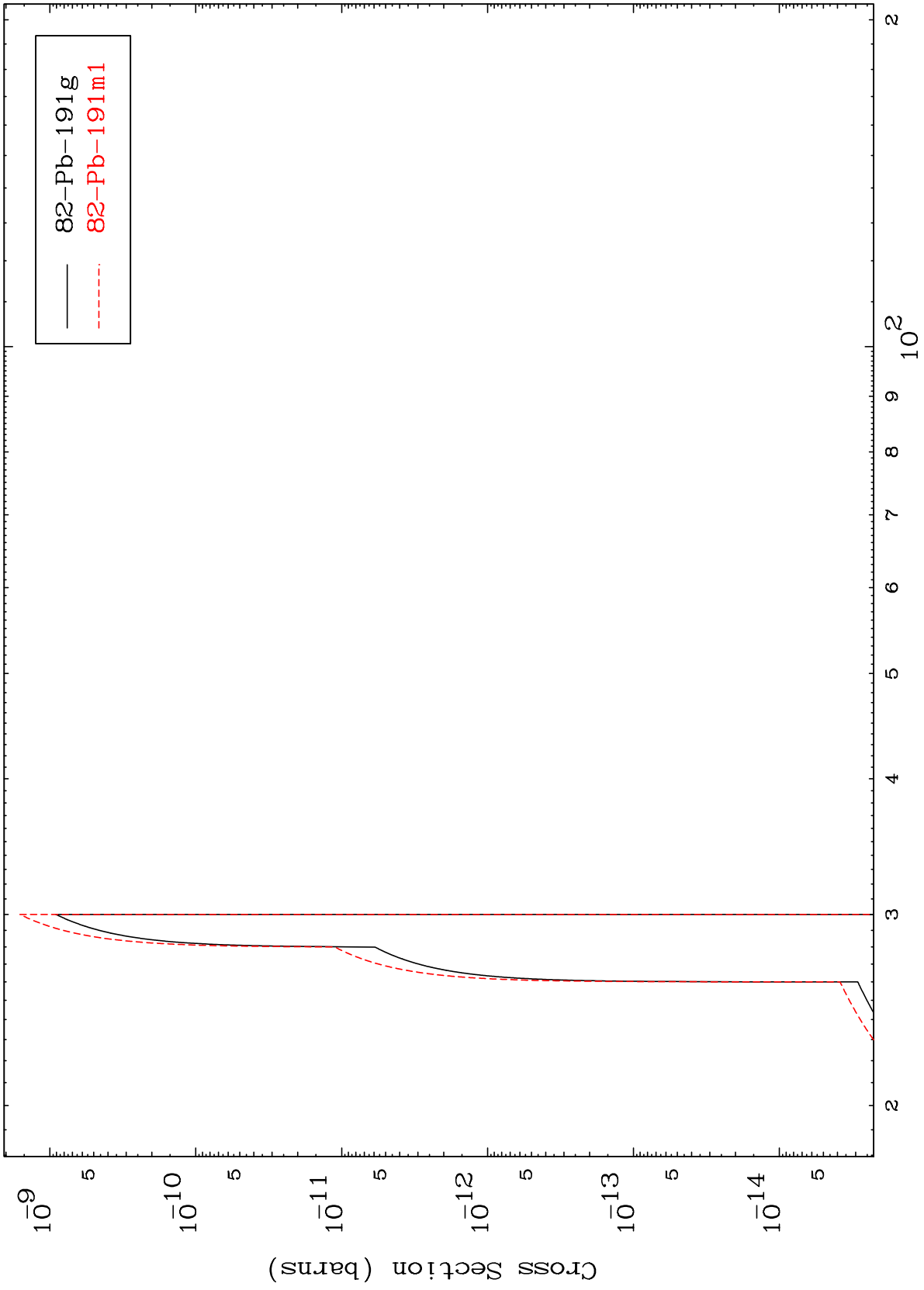
21

MAT 8183

(α, p) d

82-Pb-190

Radionuclide Production Cross Section



22

Incident Energy (MeV)

82-Pb-190