

Program EVALPLOT
(Version 2018-1)

by

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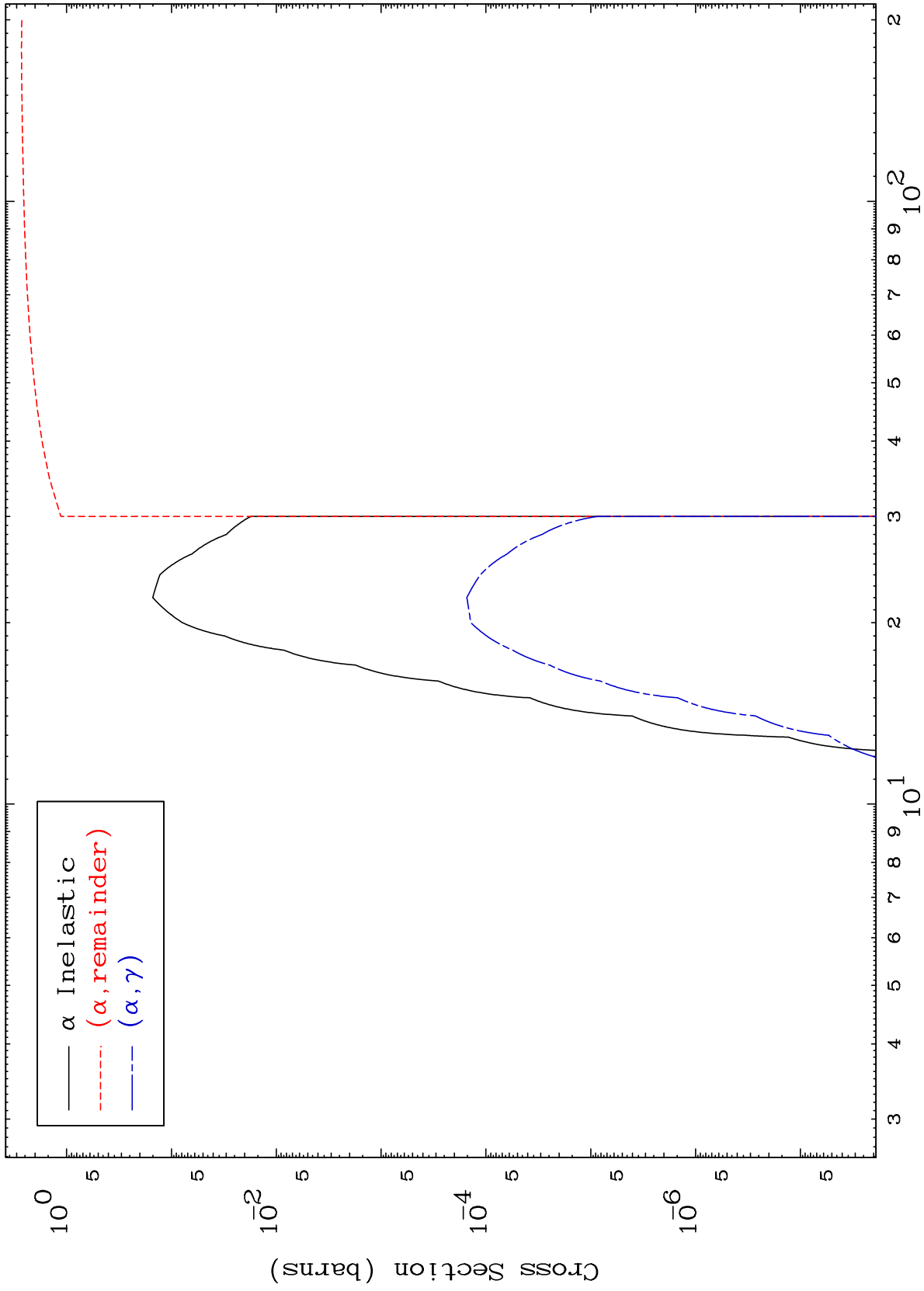
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7825

0 Kelvin α Major
Cross Sections

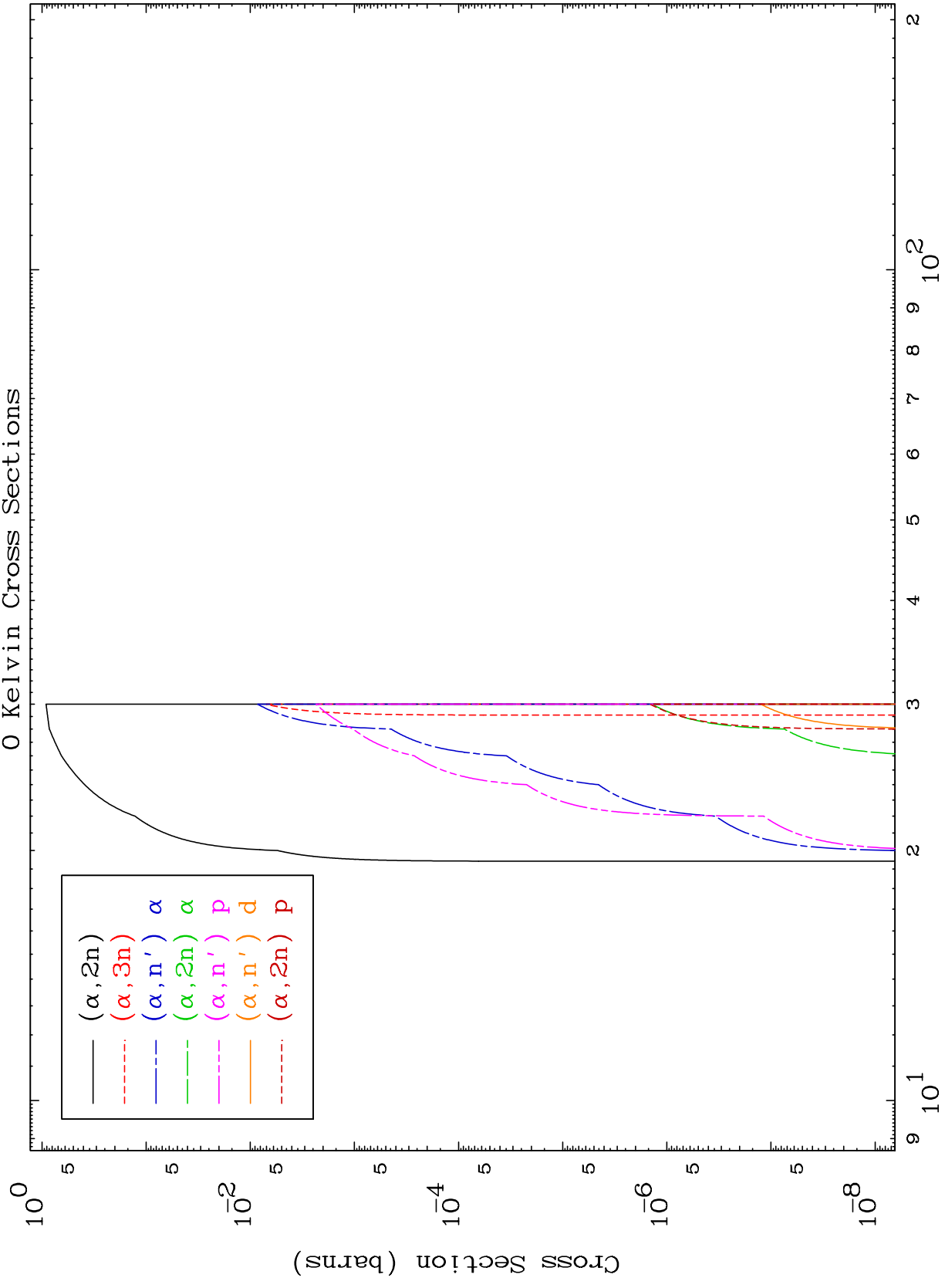
78-Pt-190



MAT 7825

α Neutron Production
0 Kelvin Cross Sections

78-Pt-190



78-Pt-190

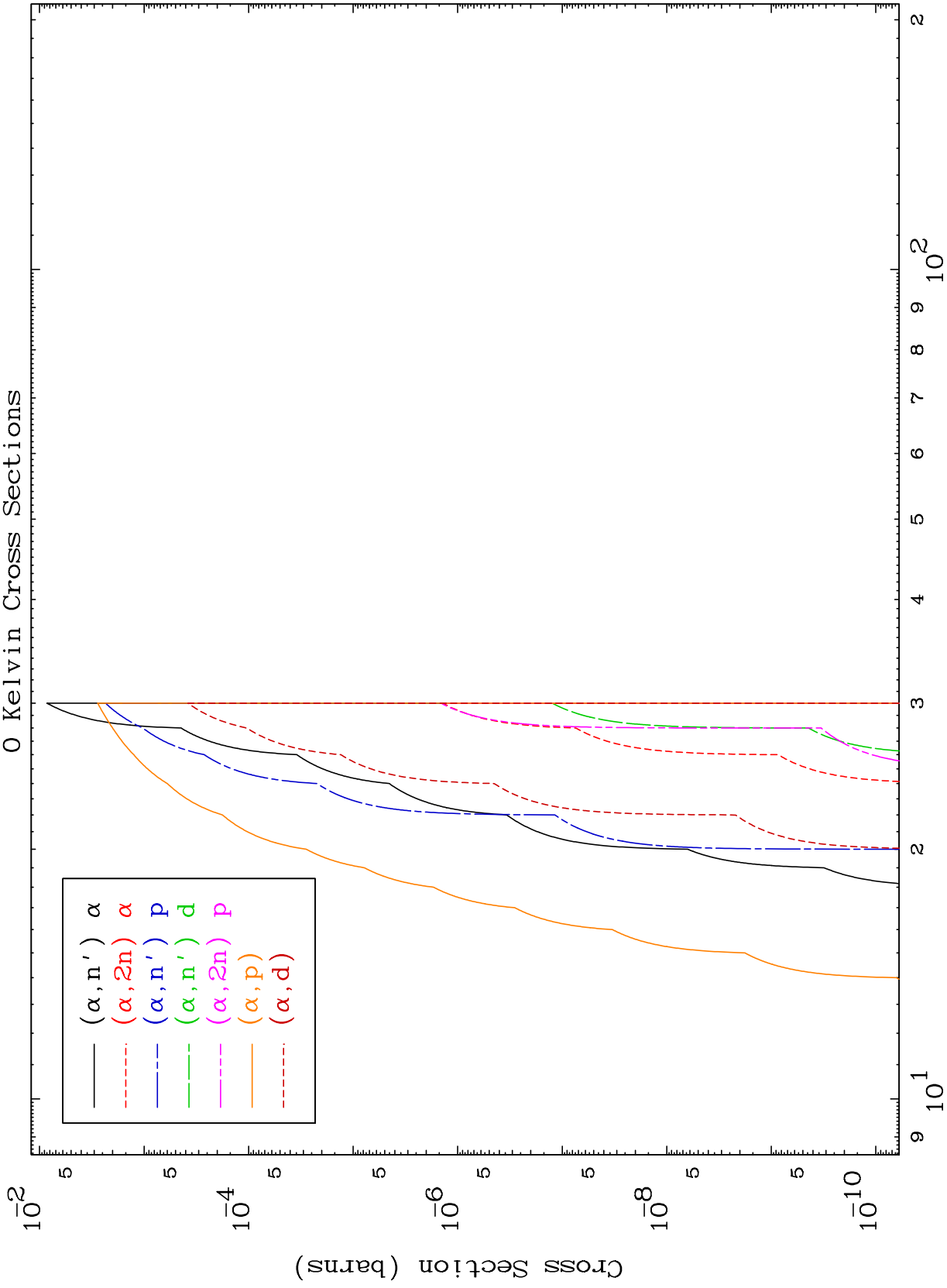
Incident Energy (MeV)

10^1
 10^2

MAT 7825

α Charged Particle
0 Kelvin Cross Sections

78-Pt-190



3

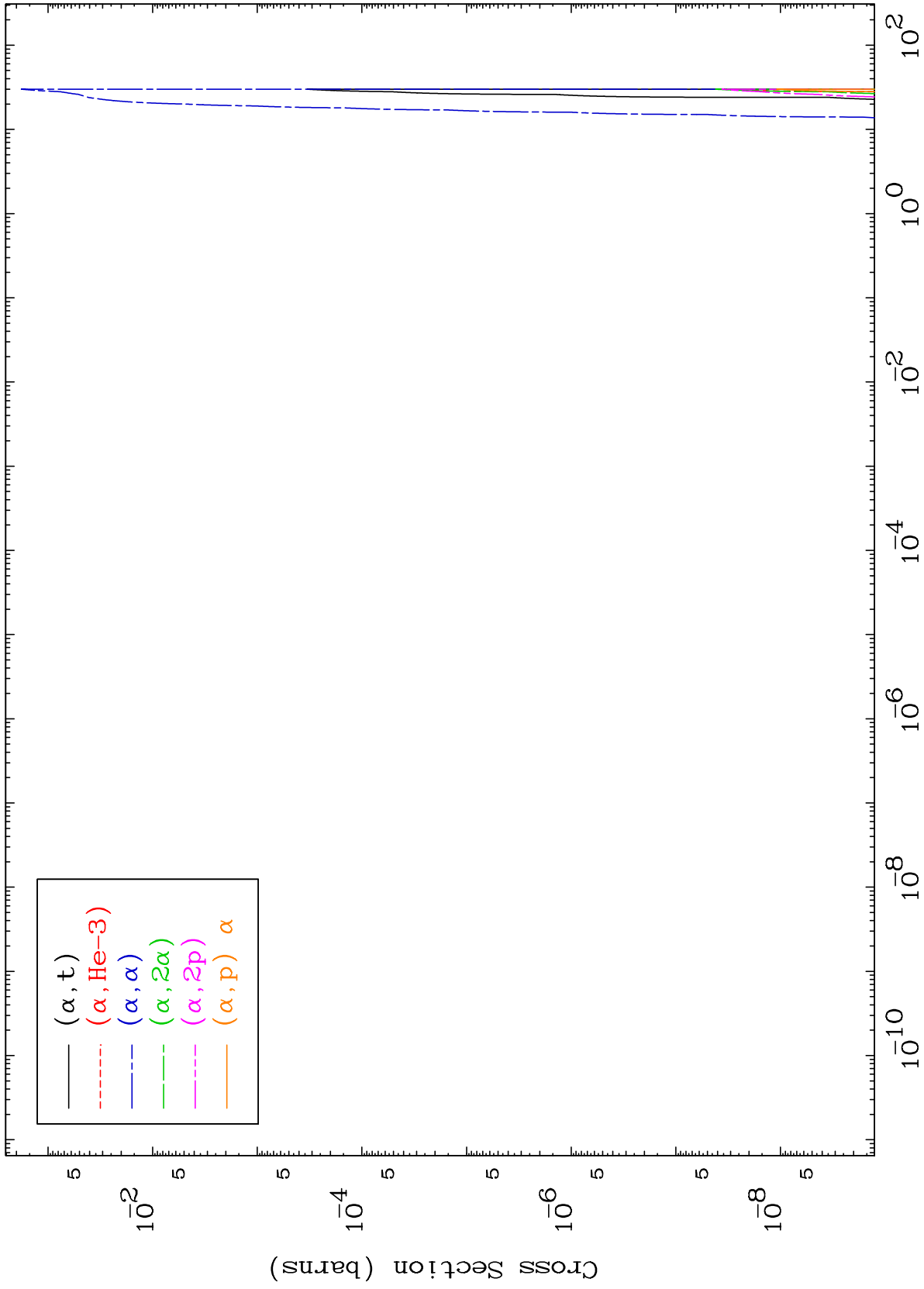
Incident Energy (MeV)

78-Pt-190

MAT 7825

α Charged Particle
0 Kelvin Cross Sections

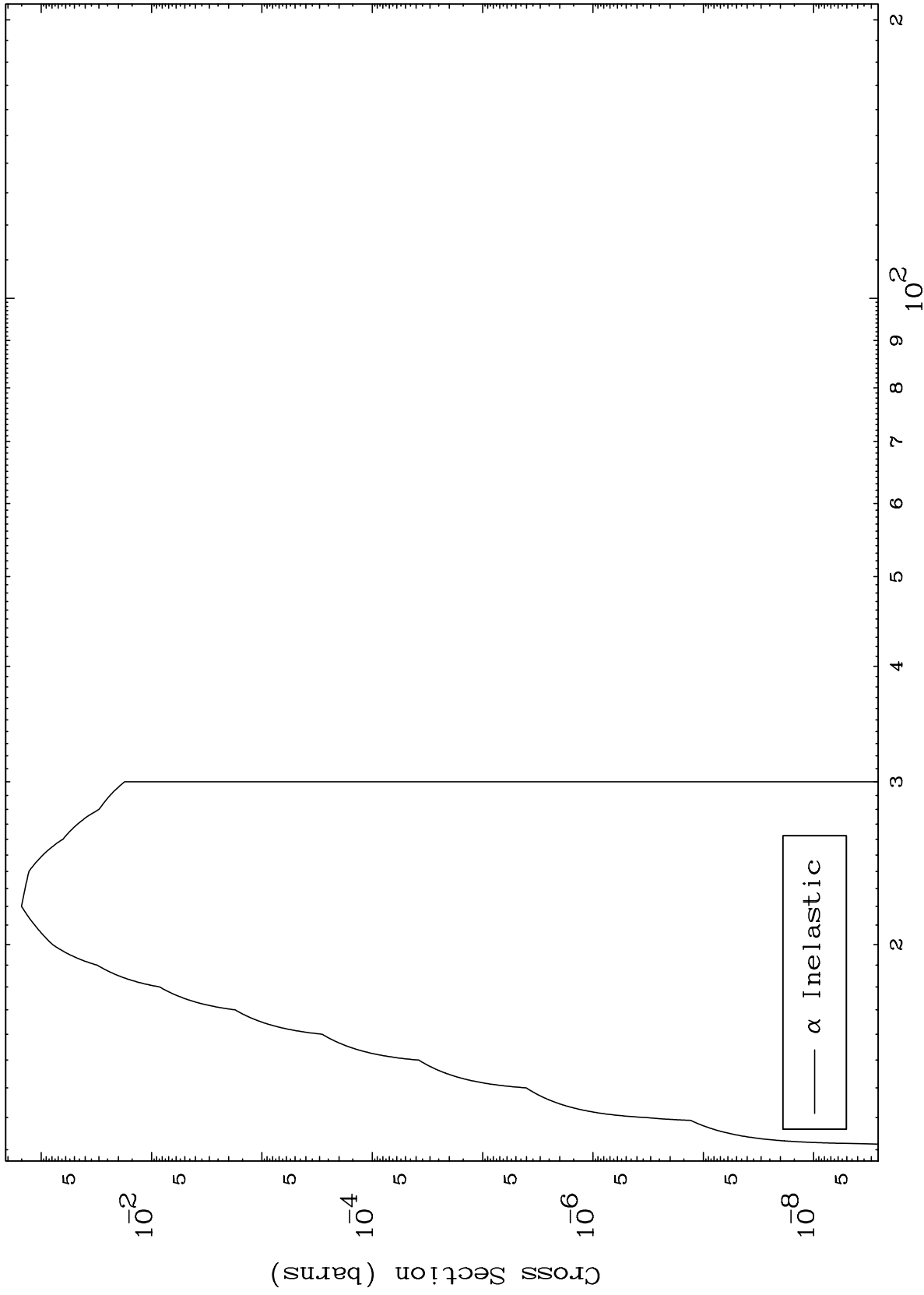
78-Pt-190



MAT 7825

(α, n') Level
0 Kelvin Cross Sections

78-Pt-190



5

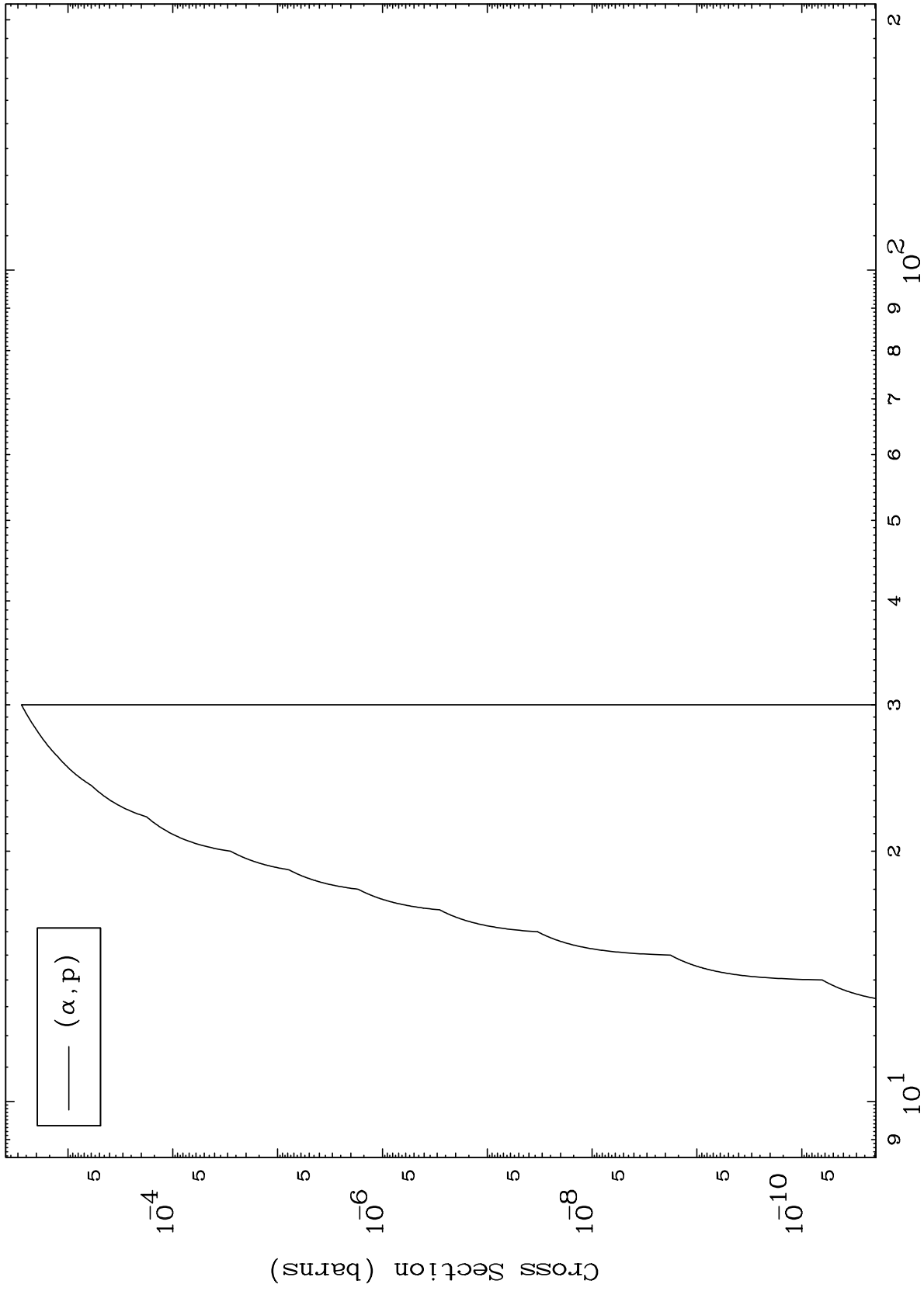
Incident Energy (MeV)

78-Pt-190

MAT 7825

(α, p) Levels
0 Kelvin Cross Sections

78-Pt-190



6

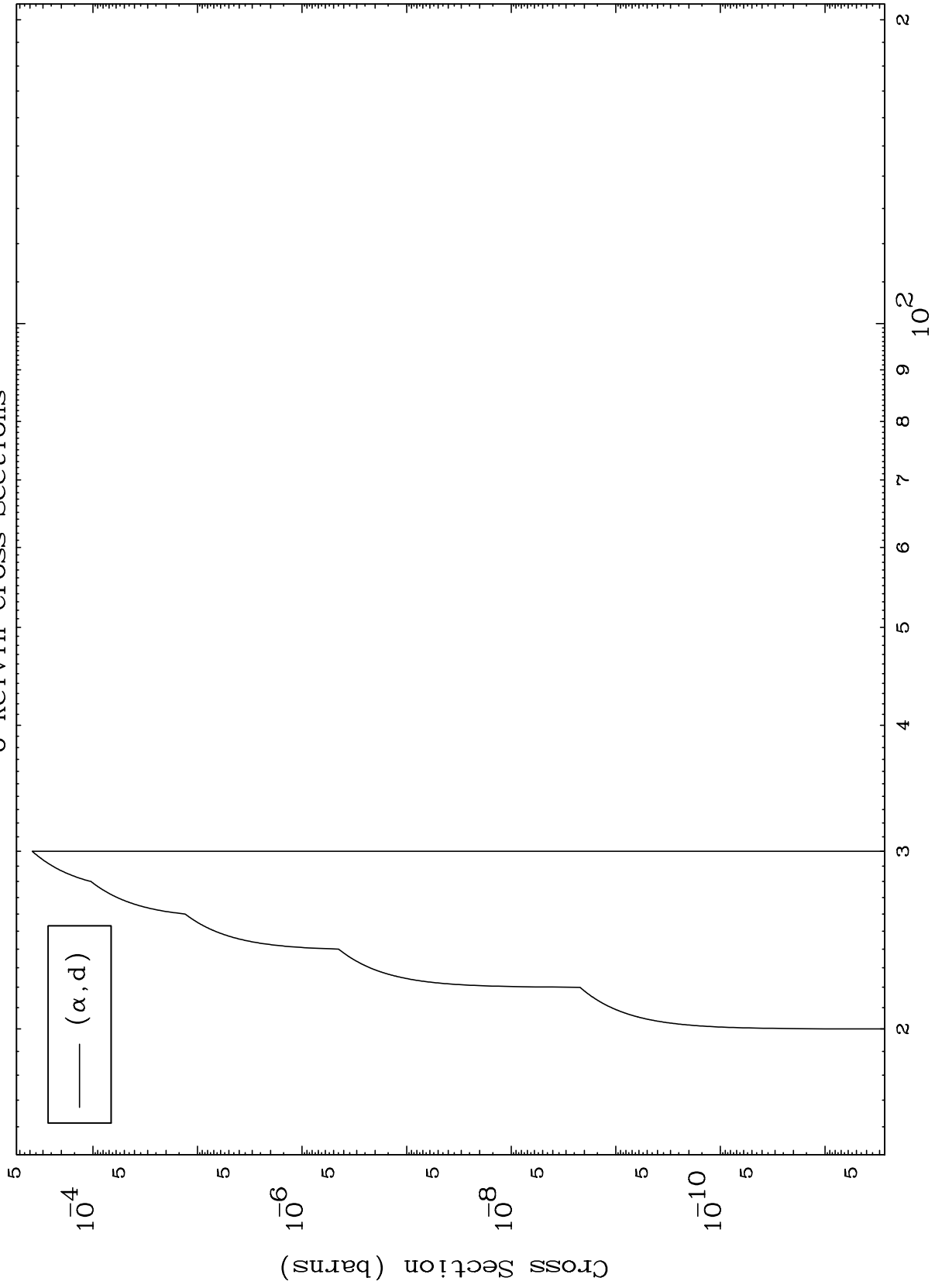
Incident Energy (MeV)

78-Pt-190

MAT 7825

(α, d) Levels
0 Kelvin Cross Sections

78-Pt-190



7

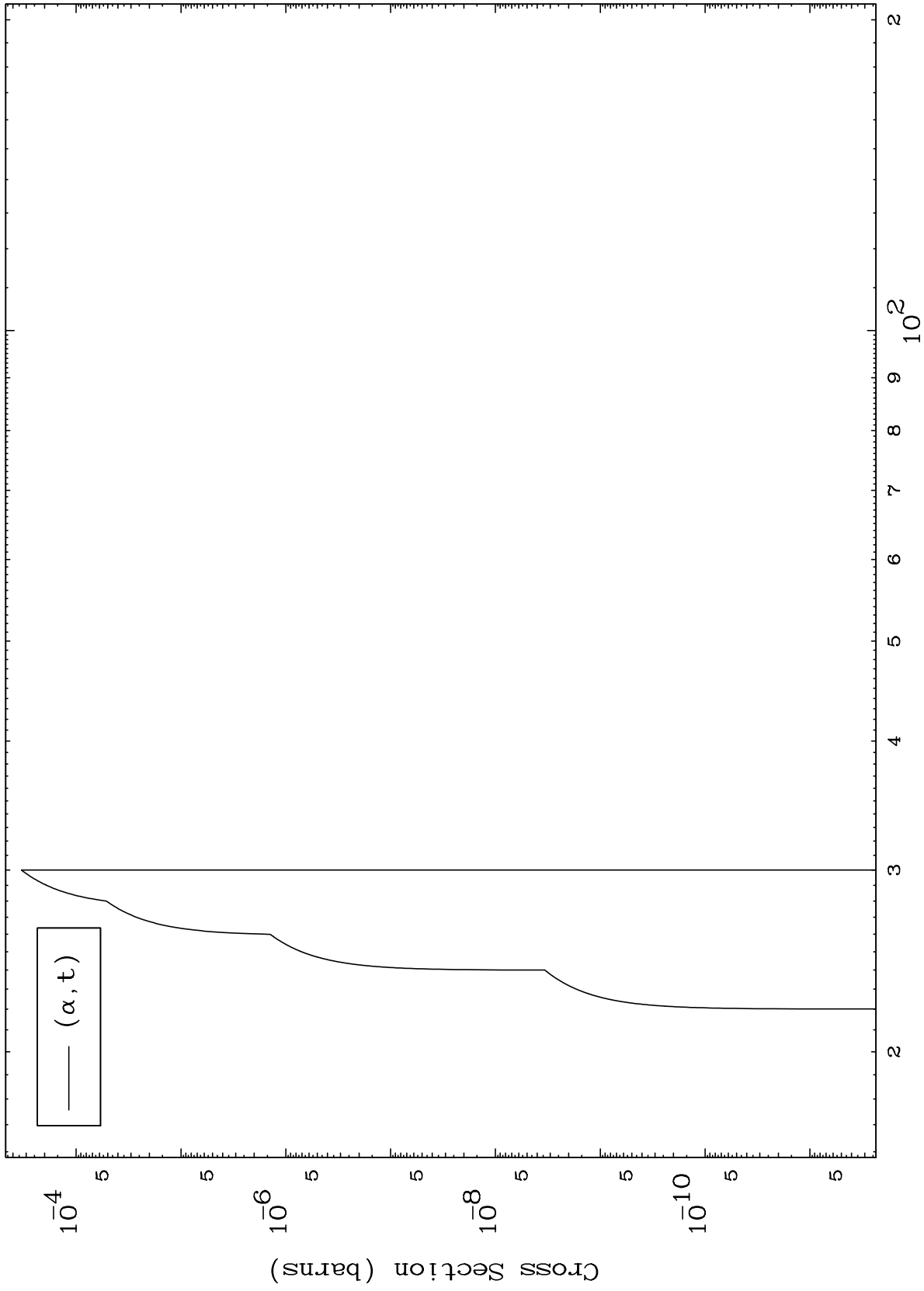
Incident Energy (MeV)

78-Pt-190

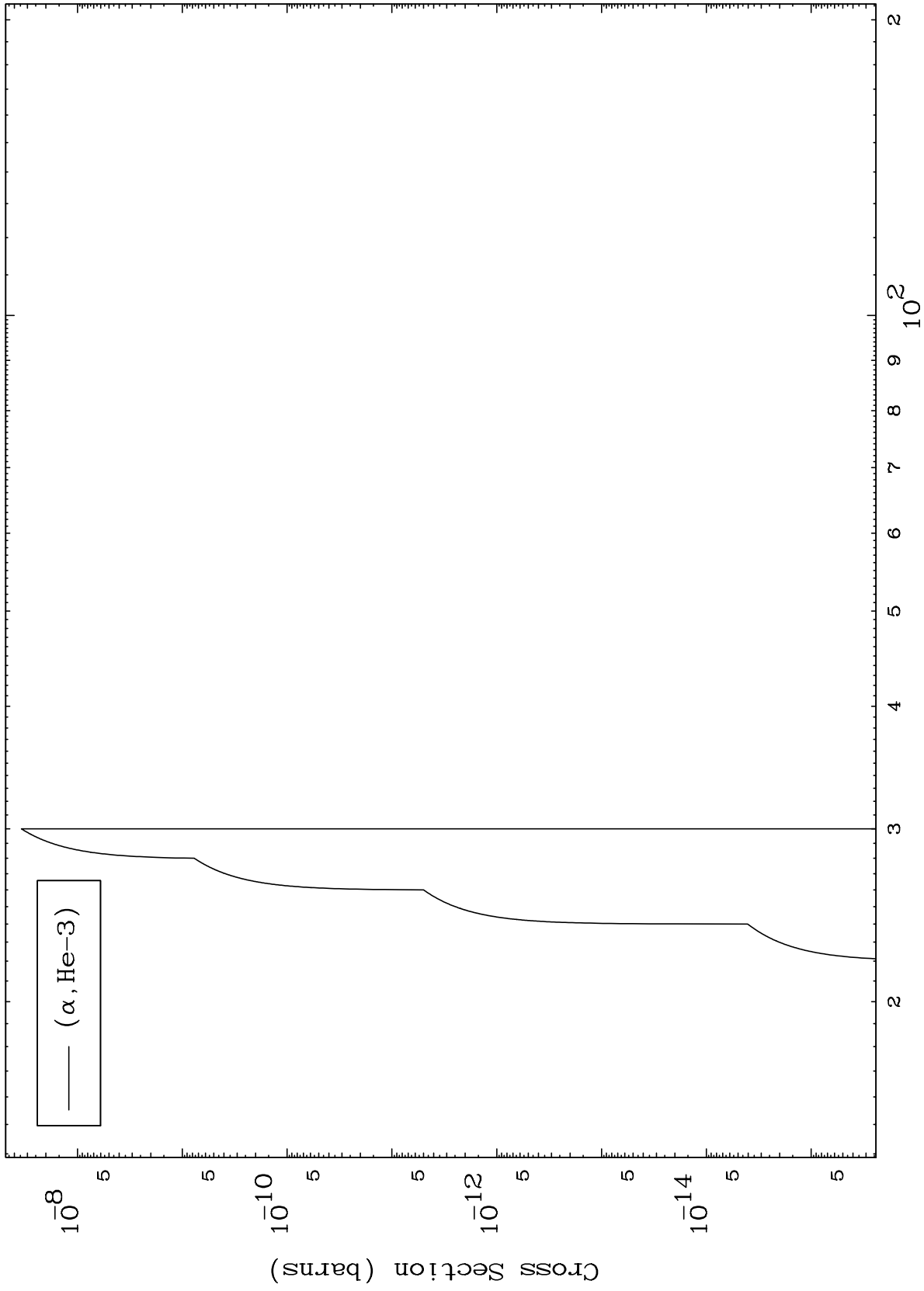
MAT 7825

(α, t) Levels
0 Kelvin Cross Sections

78-Pt-190



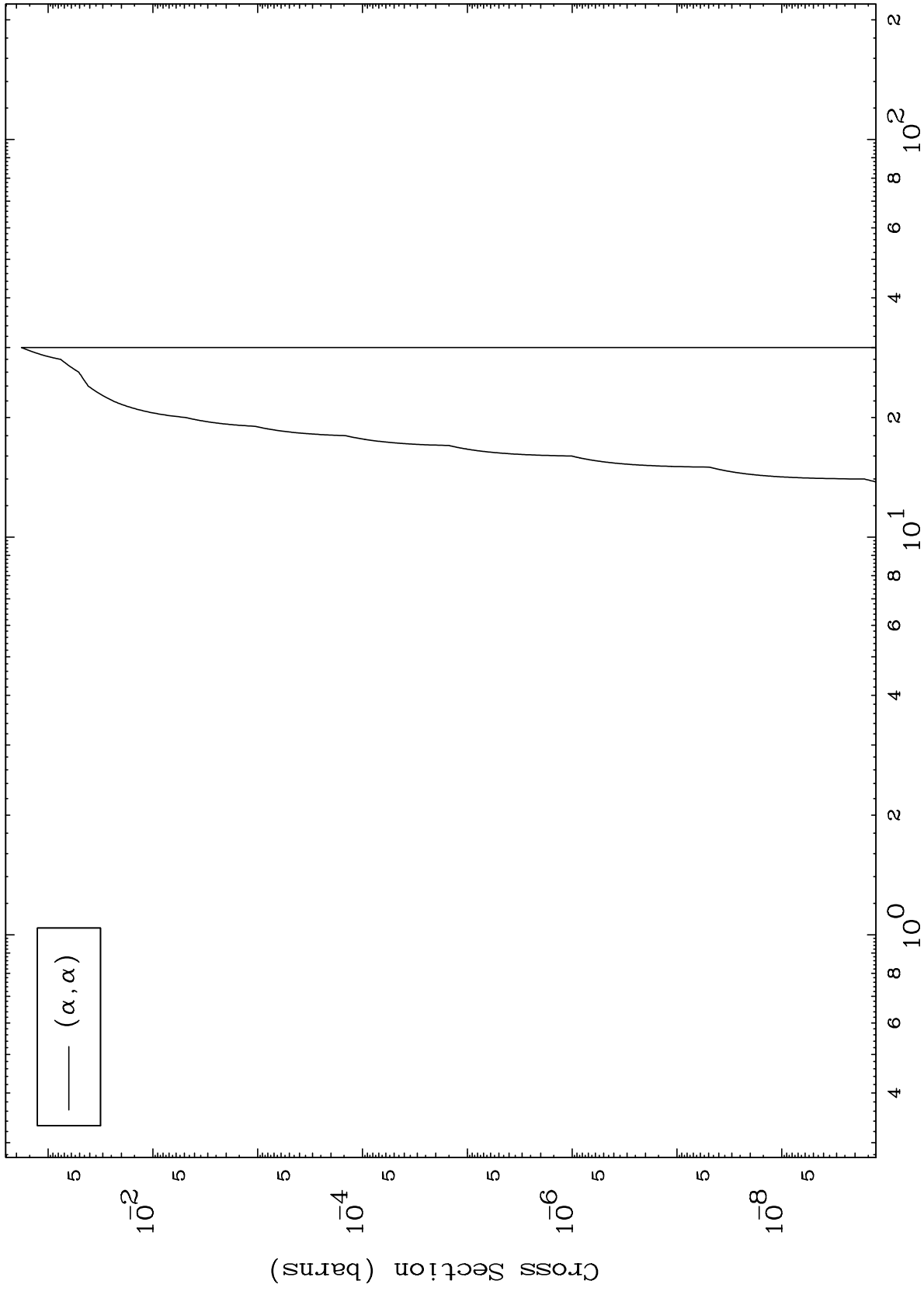
8



MAT 7825

(α, α) Levels
0 Kelvin Cross Sections

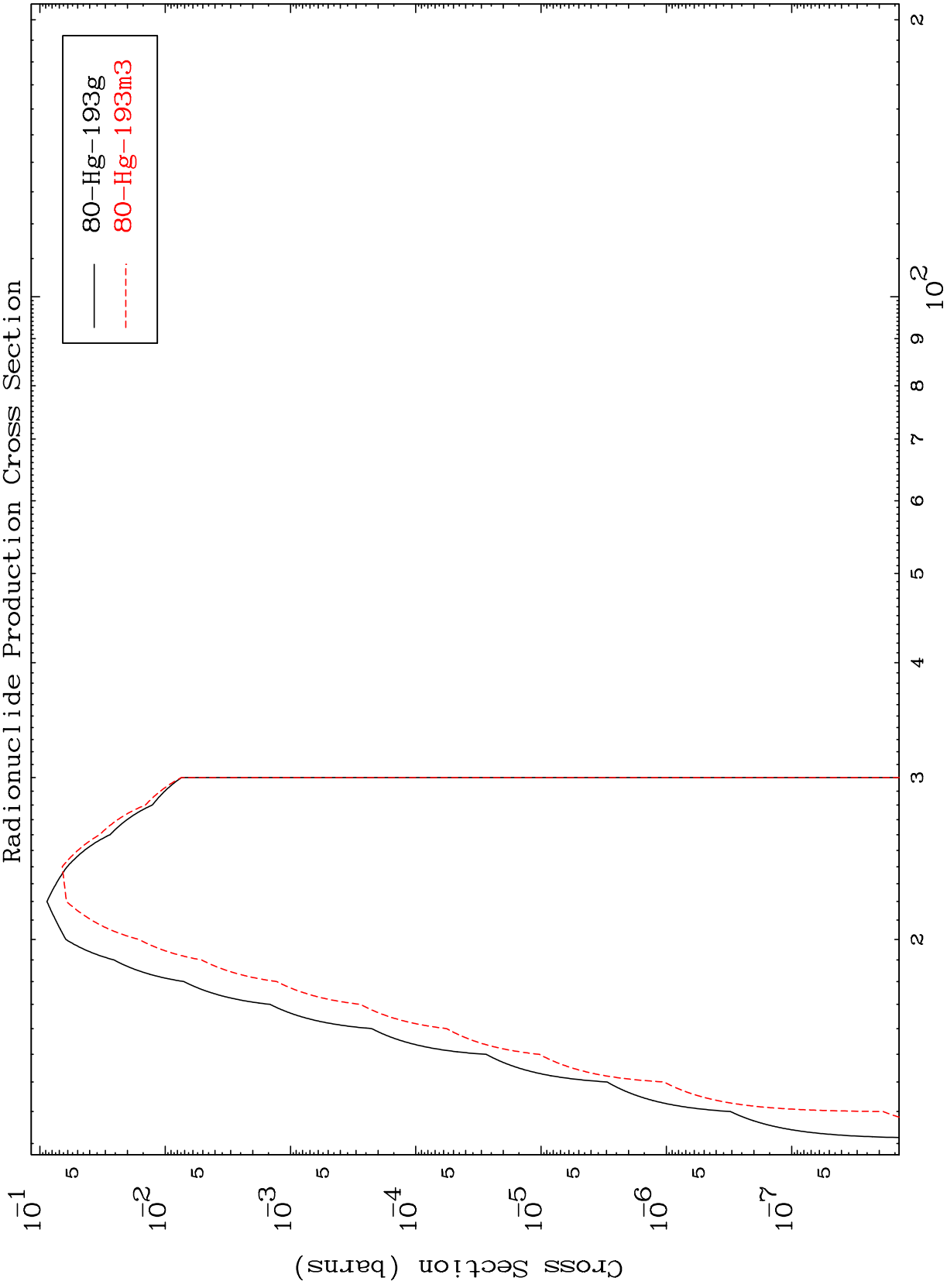
78-Pt-190



10

Incident Energy (MeV)

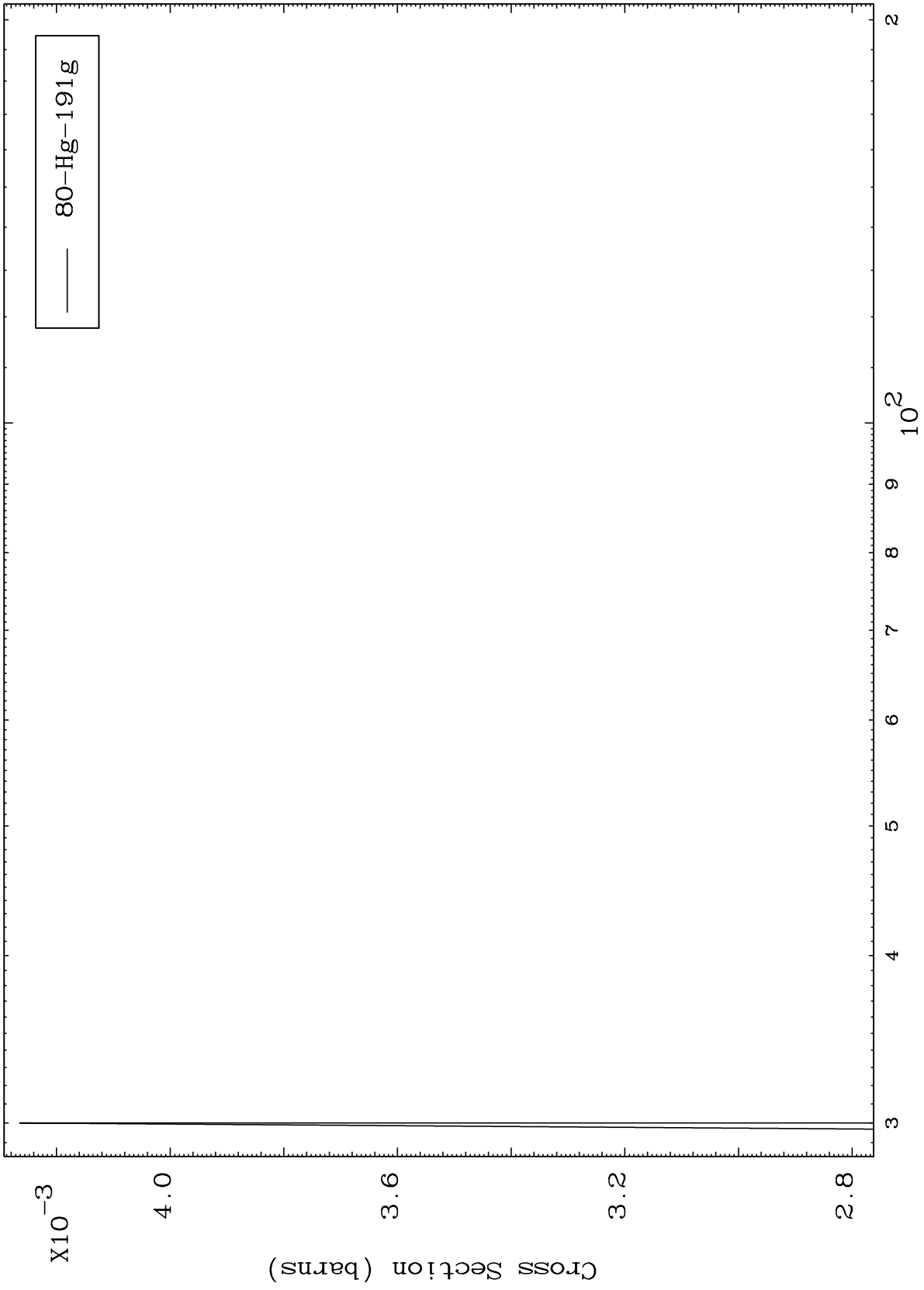
78-Pt-190



MAT 7825

78-Pt-190

($\alpha, 3n$)
Radionuclide Production Cross Section



12

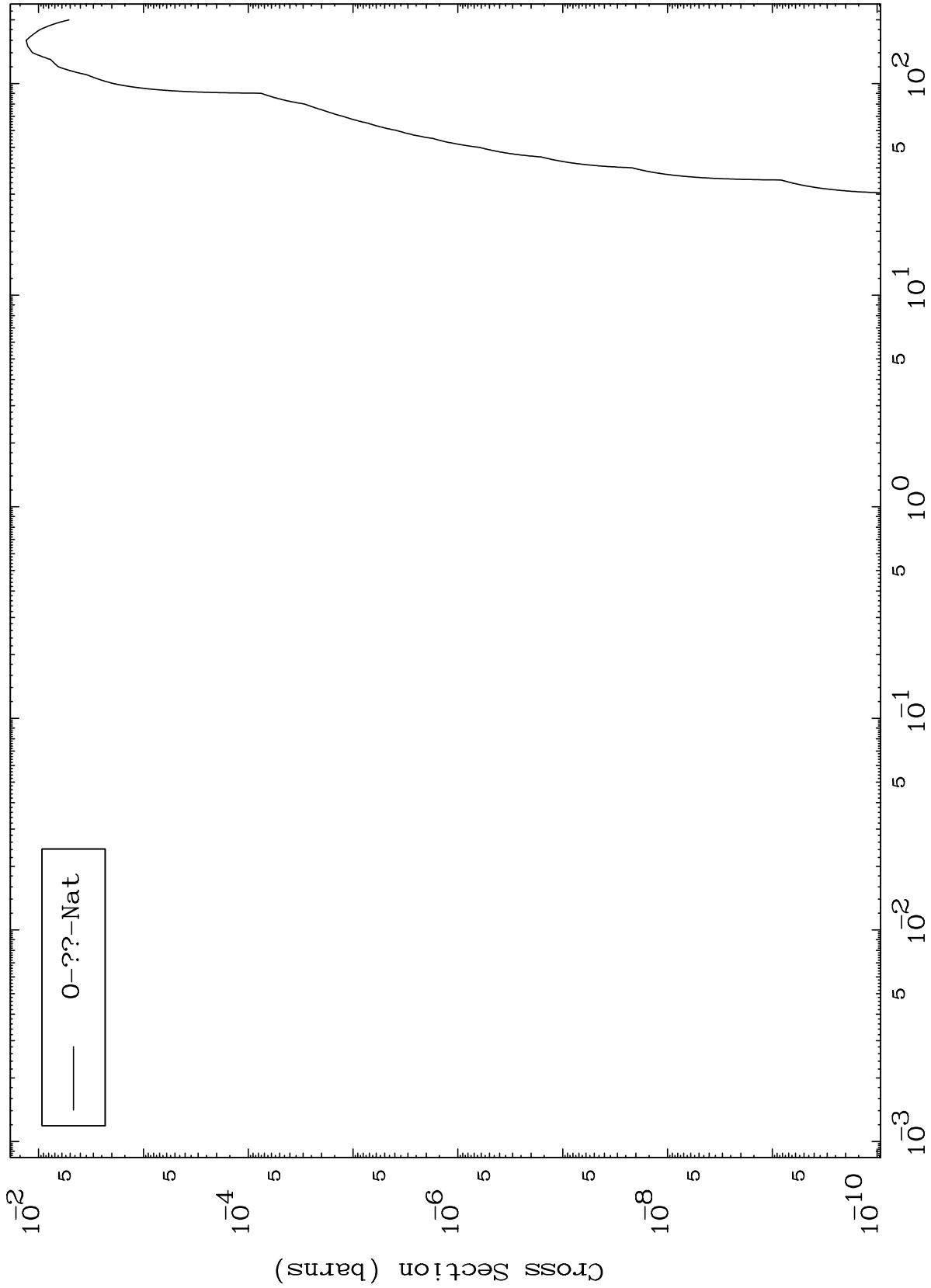
Incident Energy (MeV)

78-Pt-190

MAT 7825

α Fission
Radionuclide Production Cross Section

78-Pt-190



13

Incident Energy (MeV)

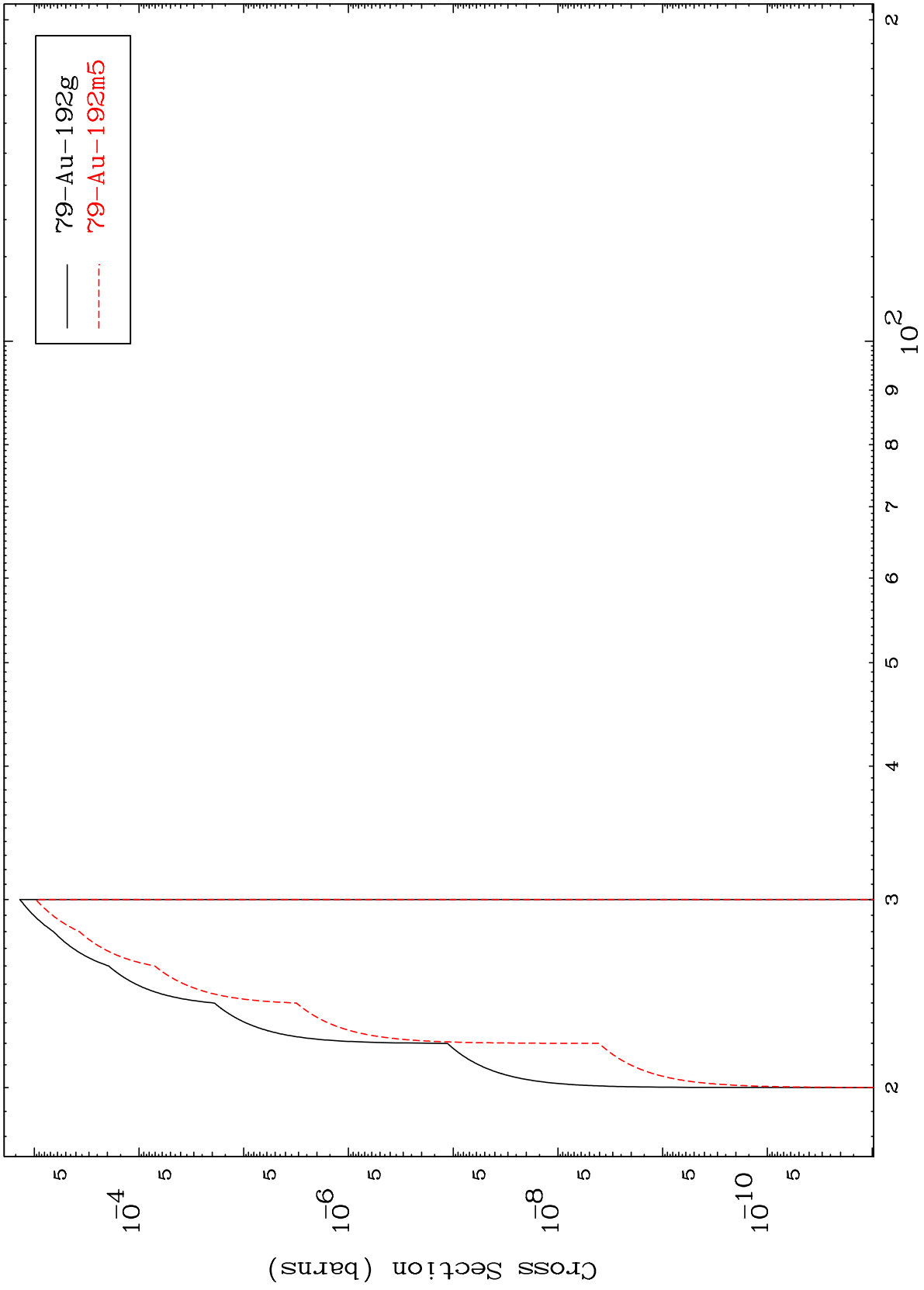
78-Pt-190

MAT 7825

(α, n') p

78-Pt-190

Radionuclide Production Cross Section



14

Incident Energy (MeV)

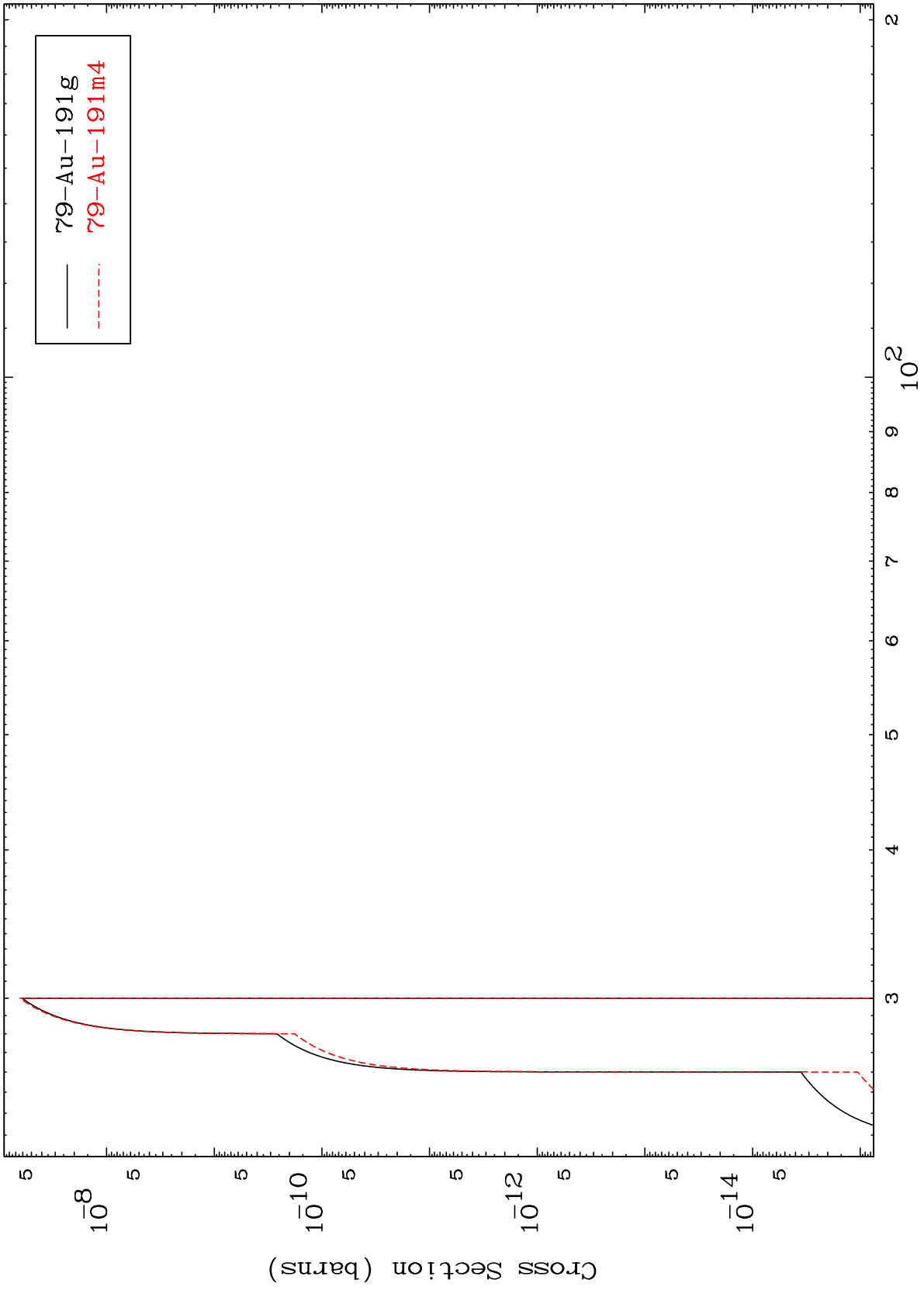
78-Pt-190

MAT 7825

(α, n') d

78-Pt-190

Radionuclide Production Cross Section



15

Incident Energy (MeV)

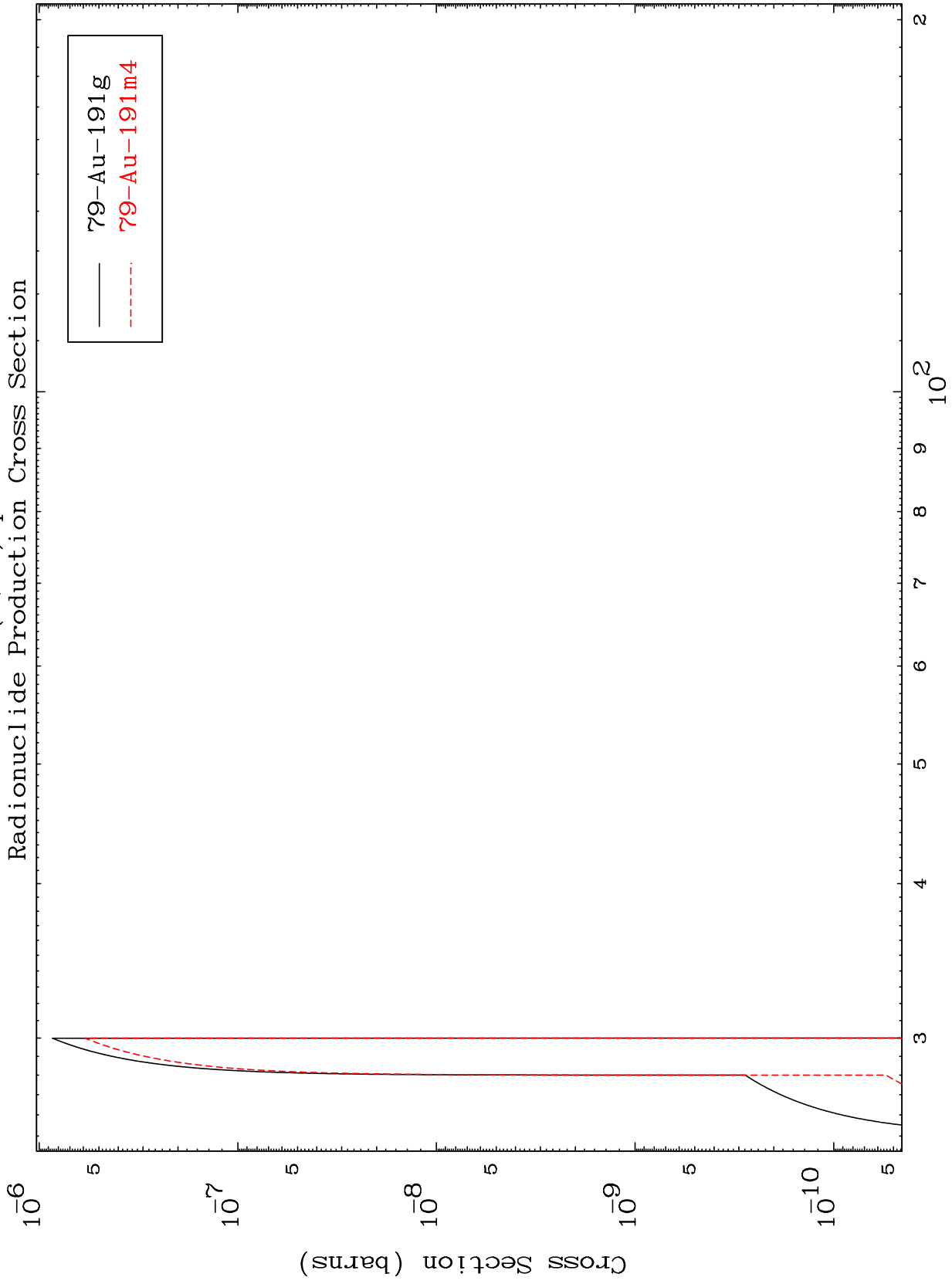
78-Pt-190

MAT 7825

($\alpha, 2n$) p

78-Pt-190

Radionuclide Production Cross Section



16

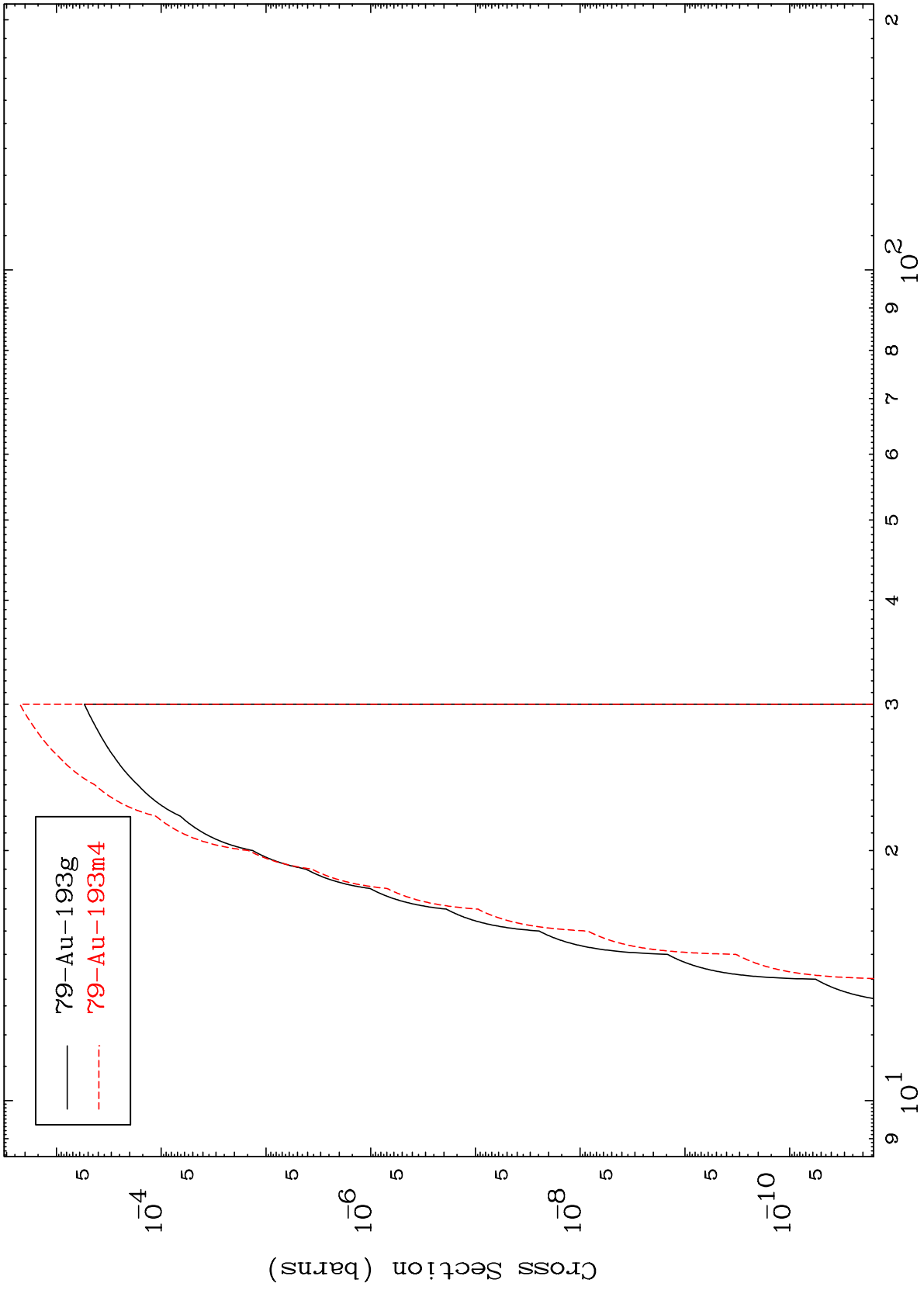
Incident Energy (MeV)

78-Pt-190

MAT 7825

78-Pt-190

Radionuclide Production Cross Section



17

Incident Energy (MeV)

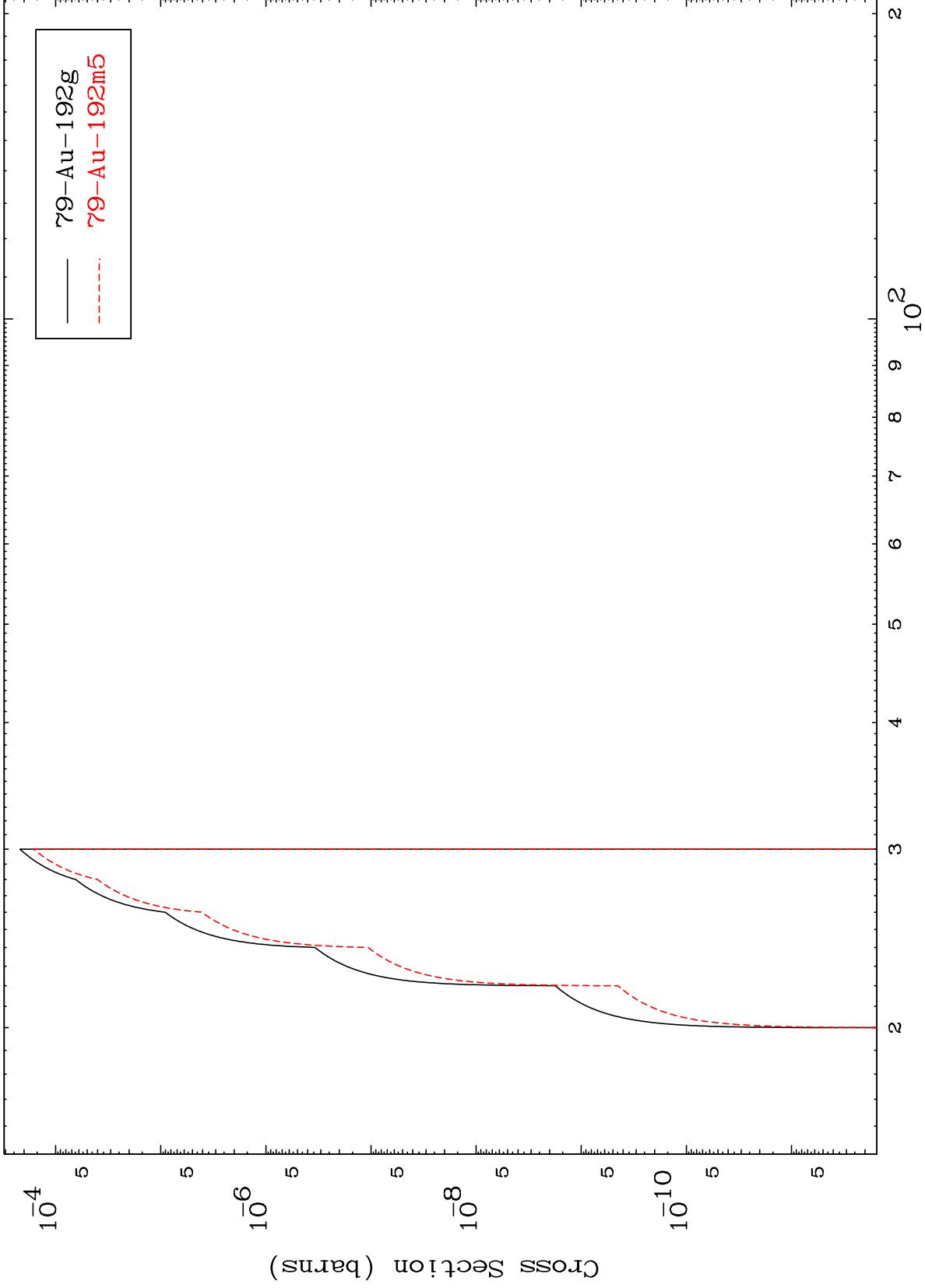
78-Pt-190

MAT 7825

(α, d)

78-Pt-190

Radionuclide Production Cross Section



18

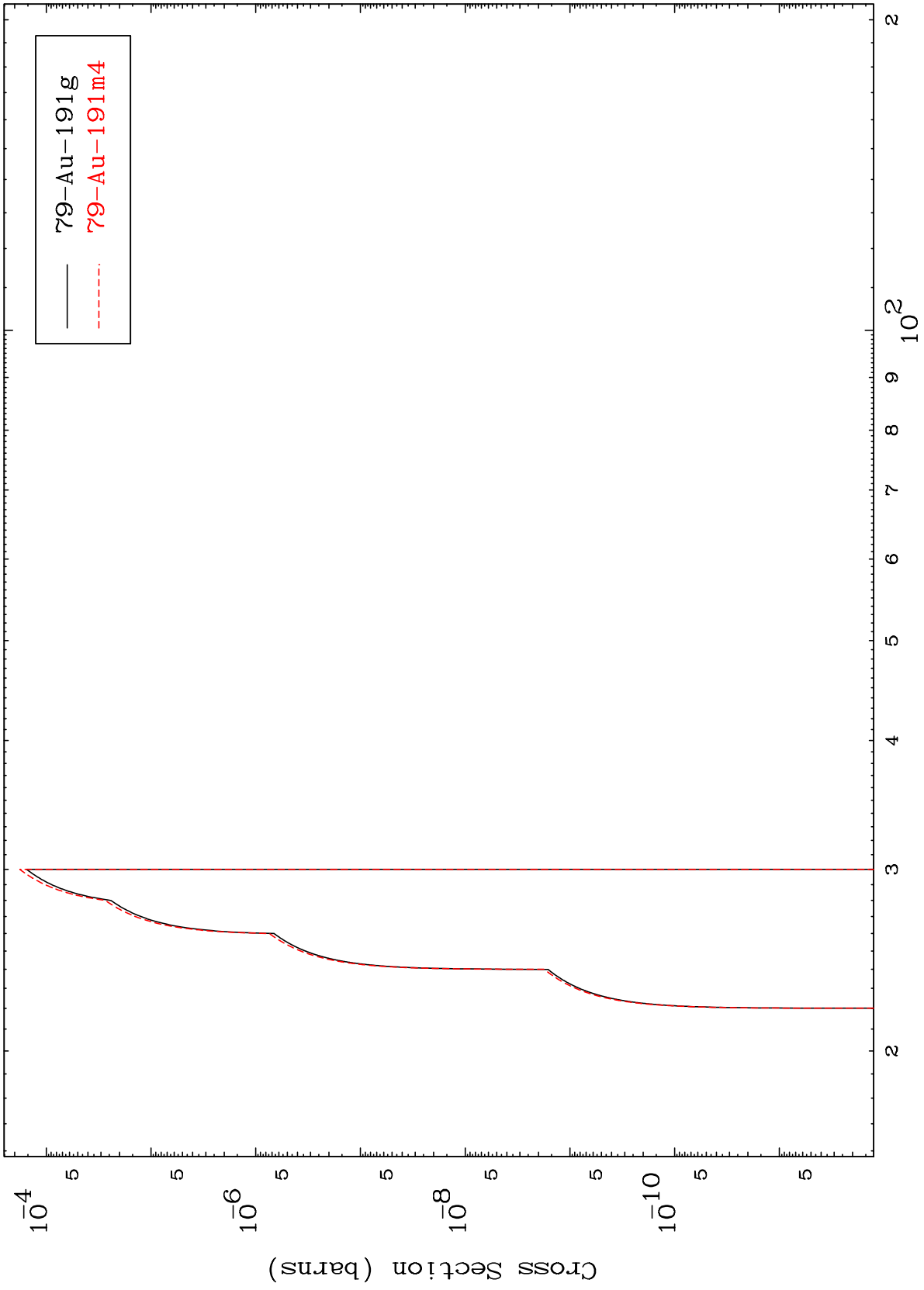
Incident Energy (MeV)

78-Pt-190

MAT 7825

78-Pt-190

(α, t)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

78-Pt-190