

Program EVALPLOT
(Version 2018-1)

by

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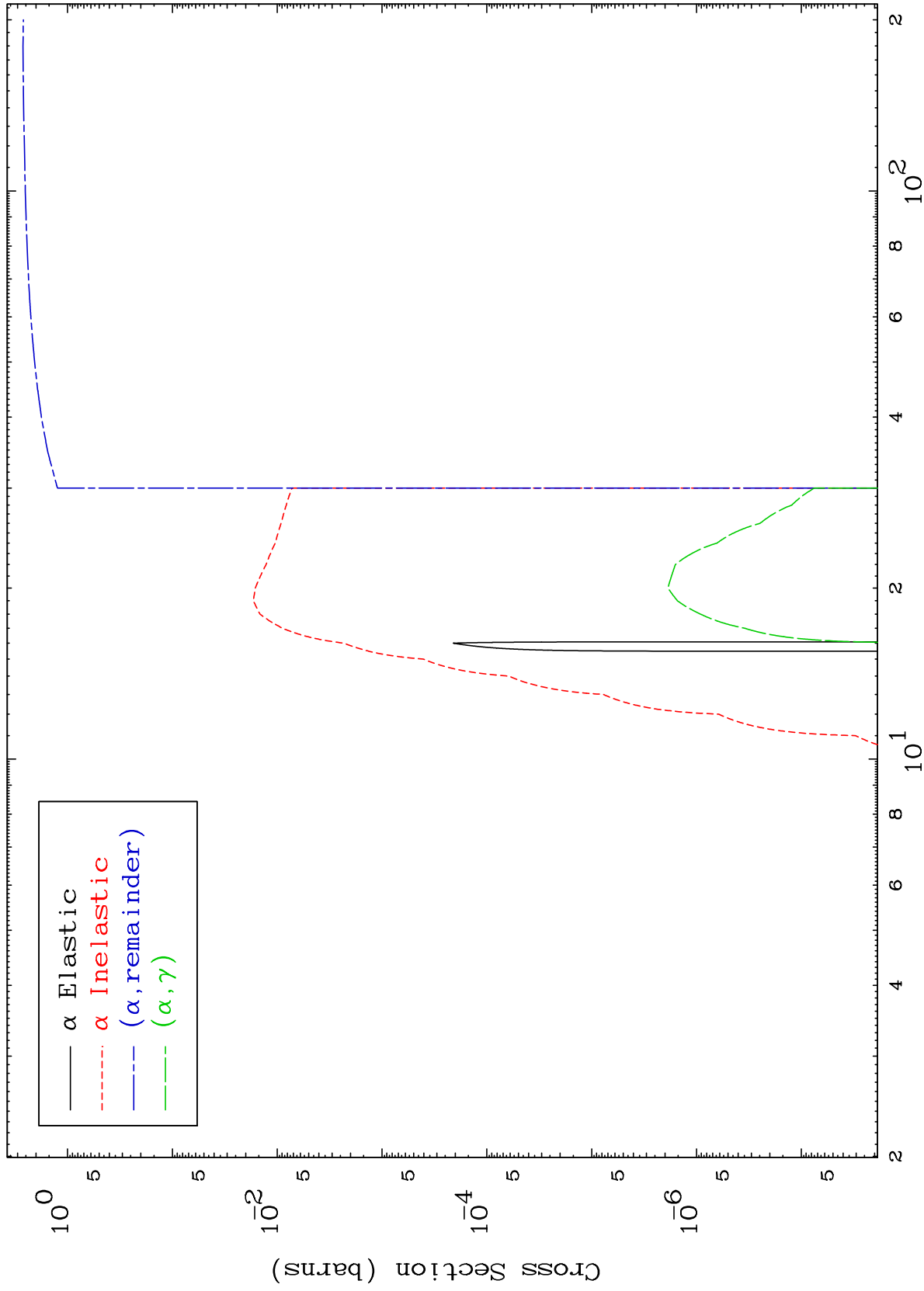
Press Mouse Button to Start

MAT 7331

α Major

0 Kelvin Cross Sections

$^{73}\text{Ta-182}$



1

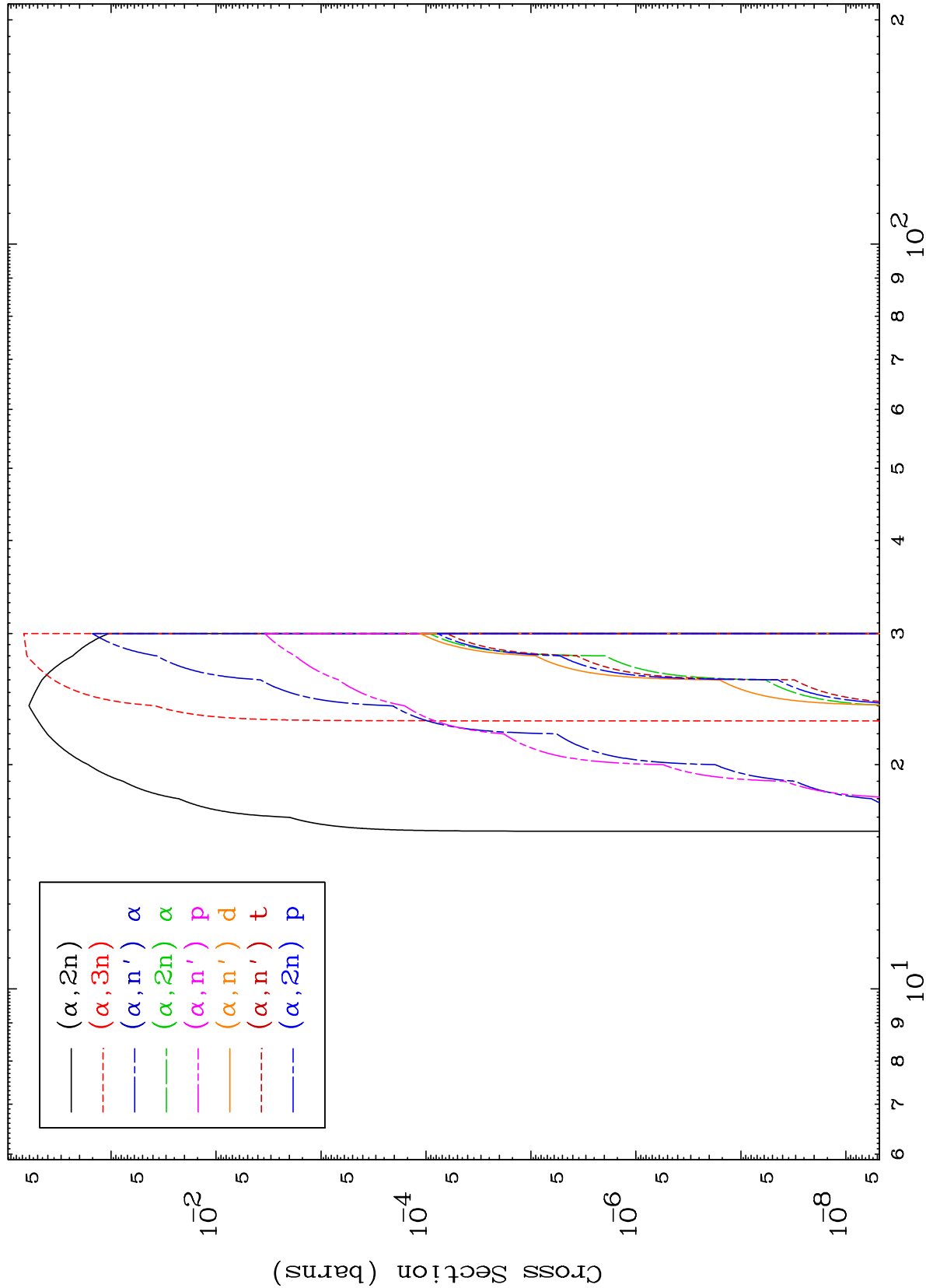
Incident Energy (MeV)

$^{73}\text{Ta-182}$

MAT 7331

α Neutron Production
0 Kelvin Cross Sections

⁷³Ta-¹⁸²



2

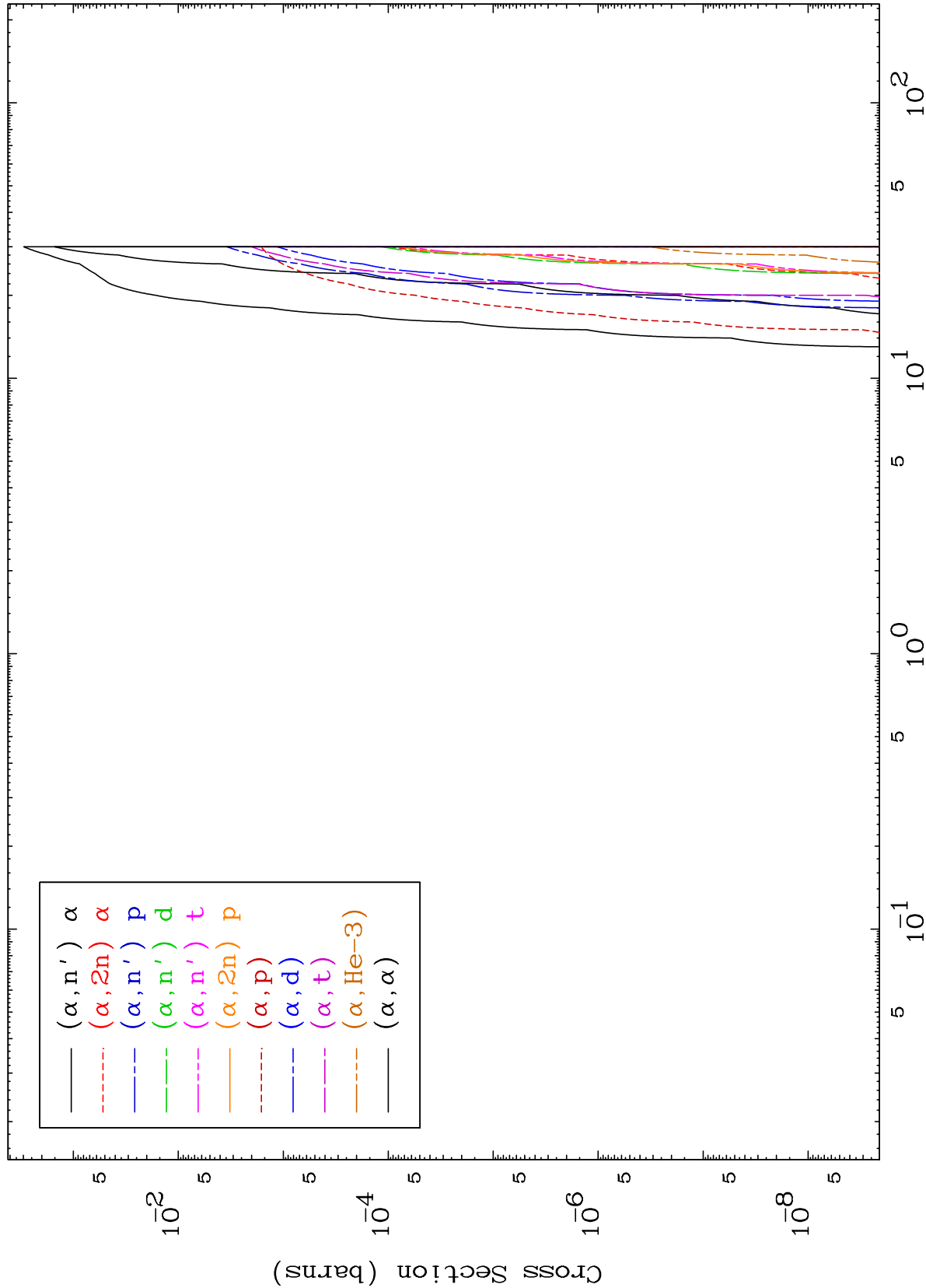
Incident Energy (MeV)

⁷³Ta-¹⁸²

MAT 7331

α Charged Particle
0 Kelvin Cross Sections

73-Ta-182



3

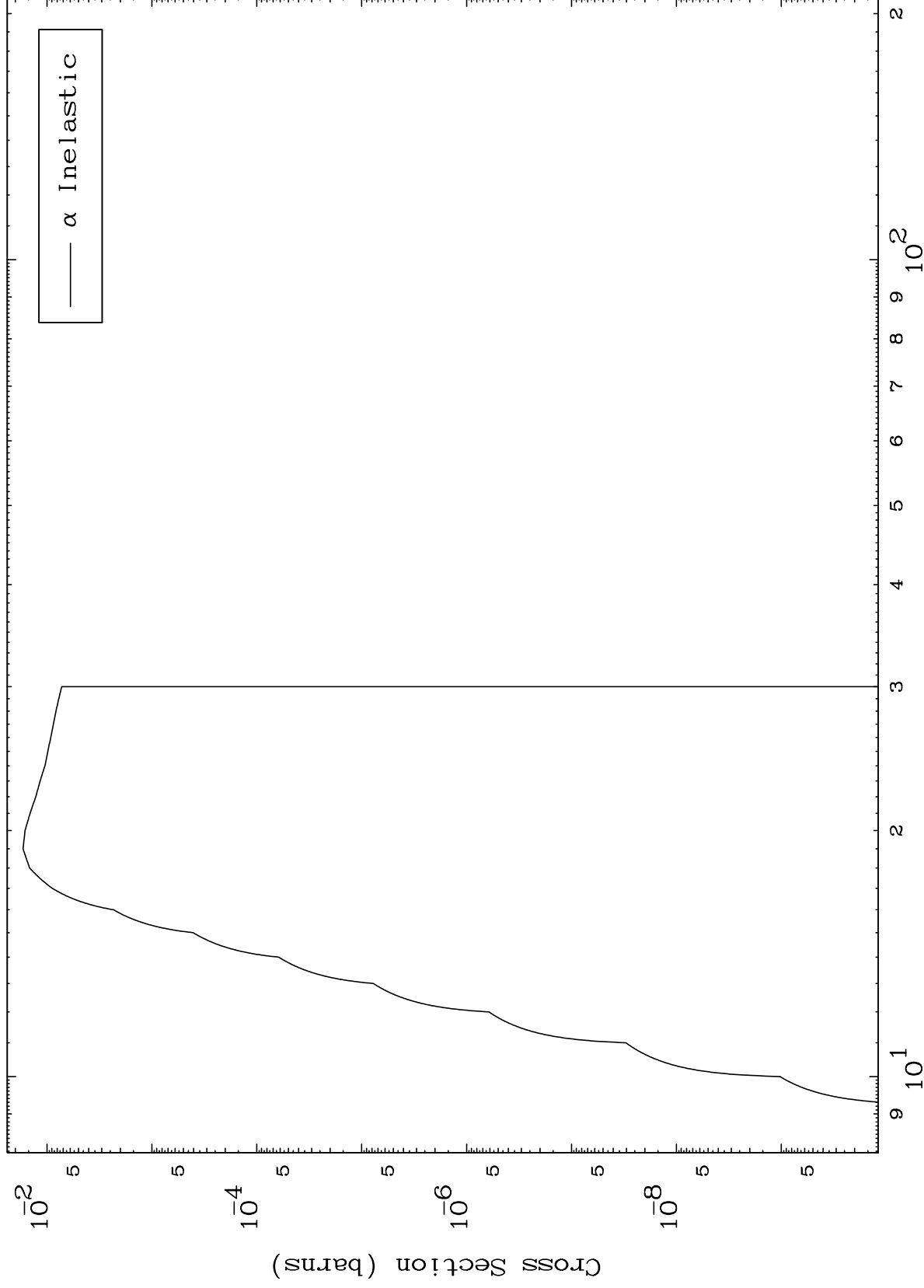
Incident Energy (MeV)

73-Ta-182

MAT 7331

(α, n') Level
0 Kelvin Cross Sections

73-Ta-182



4

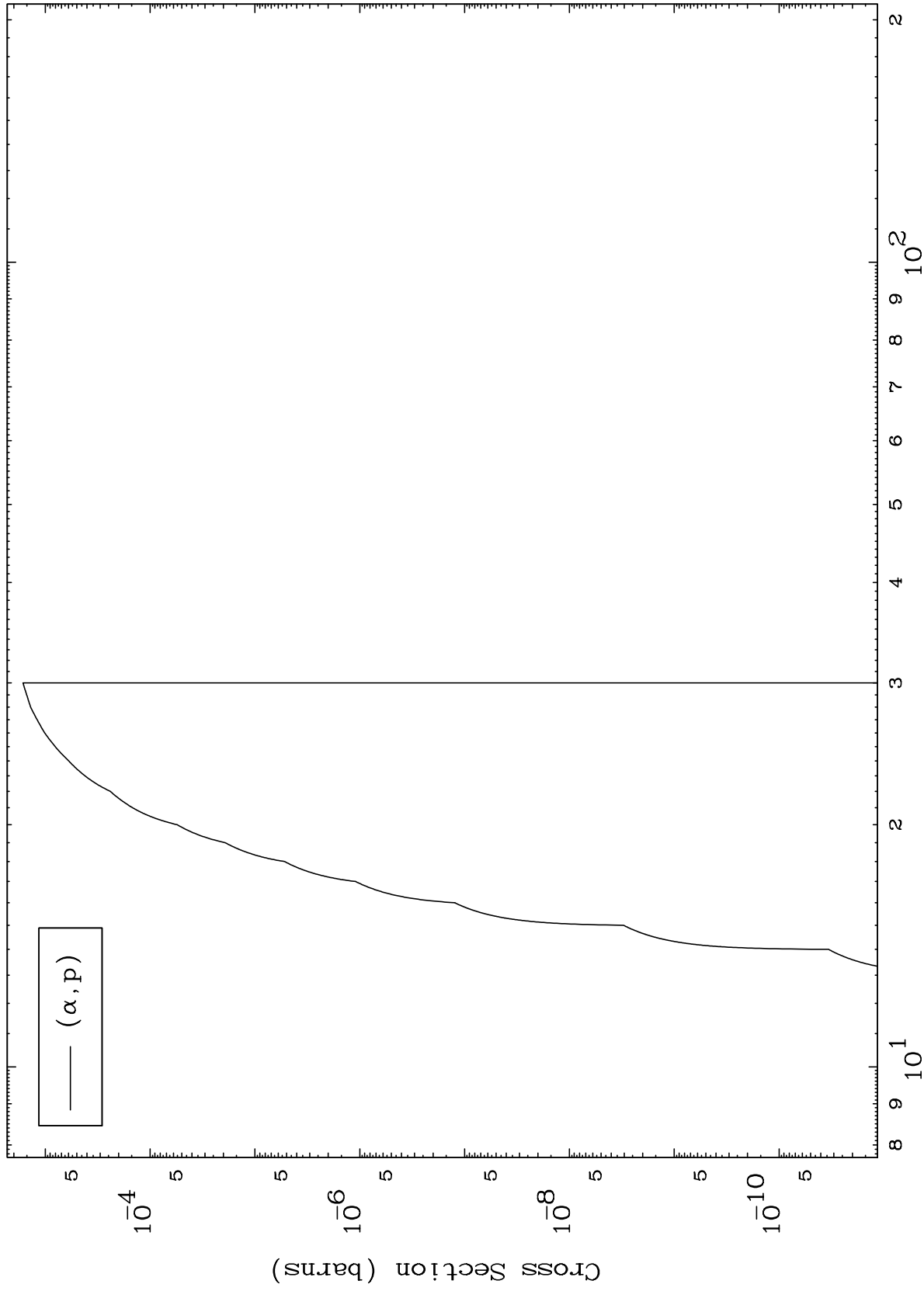
Incident Energy (MeV)

73-Ta-182

MAT 7331

73-Ta-182

(α ,p) Levels
0 Kelvin Cross Sections



5

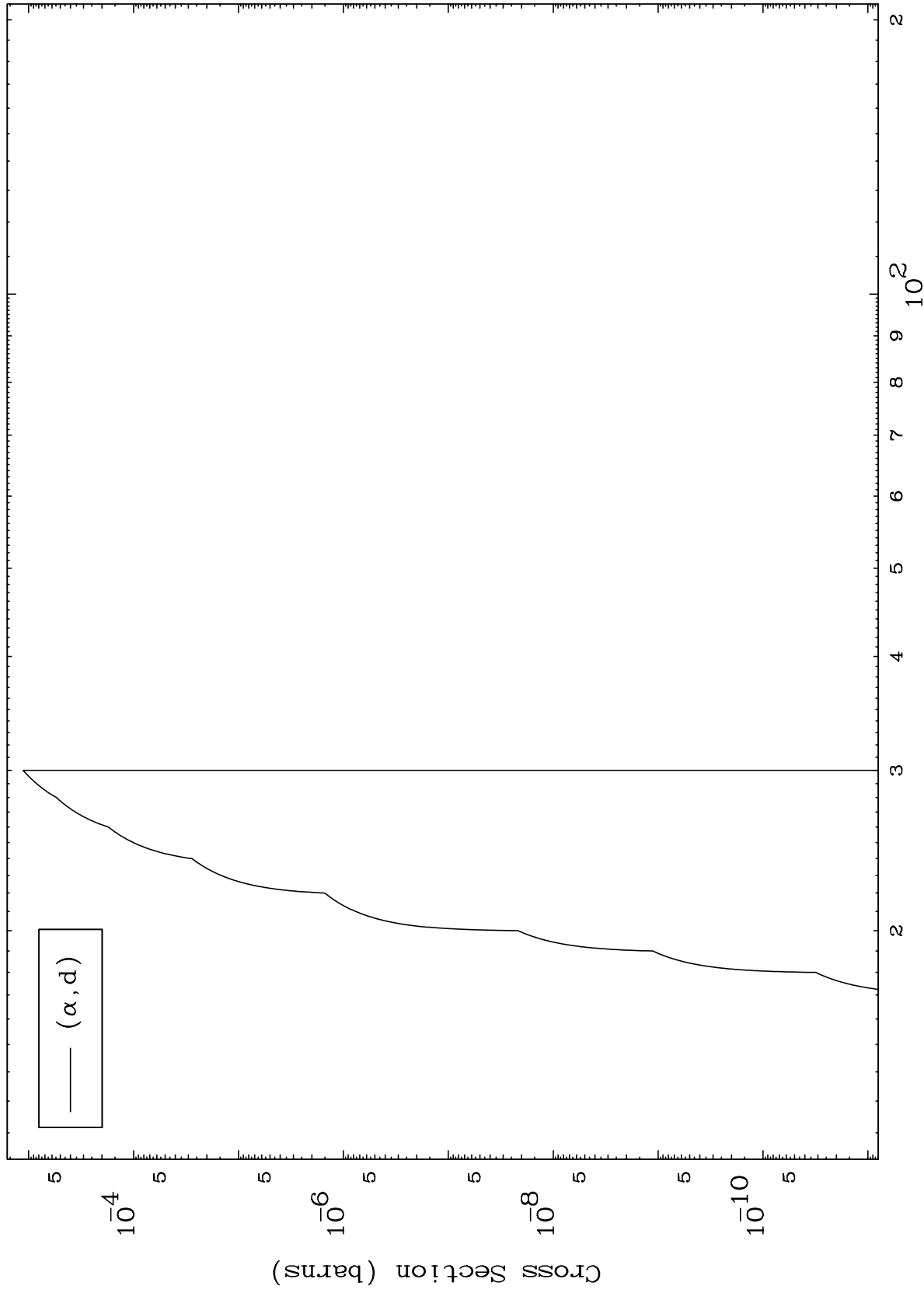
Incident Energy (MeV)

73-Ta-182

MAT 7331

(α ,d) Levels
0 Kelvin Cross Sections

73-Ta-182



6

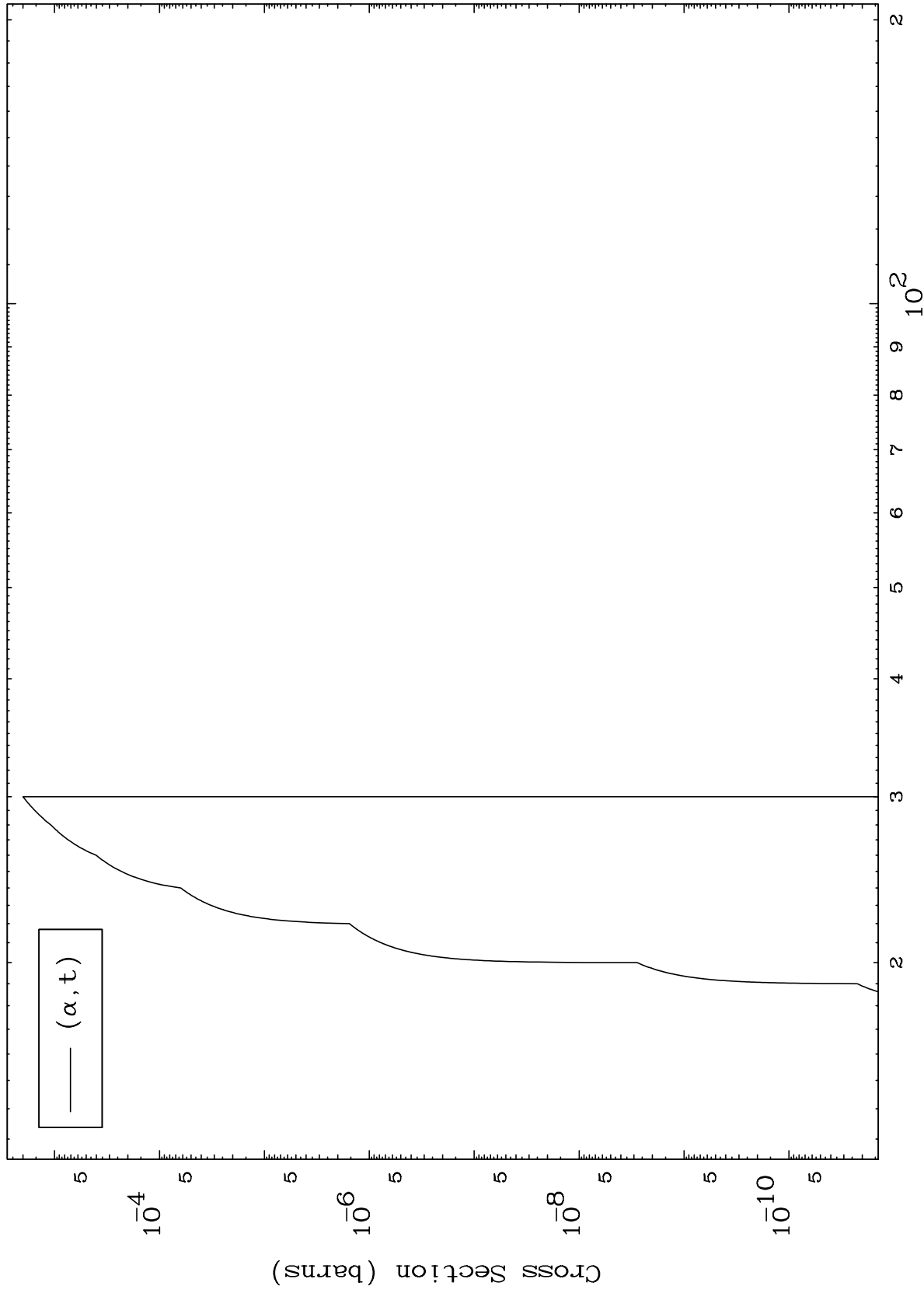
Incident Energy (MeV)

73-Ta-182

MAT 7331

(α ,t) Levels
0 Kelvin Cross Sections

73-Ta-182

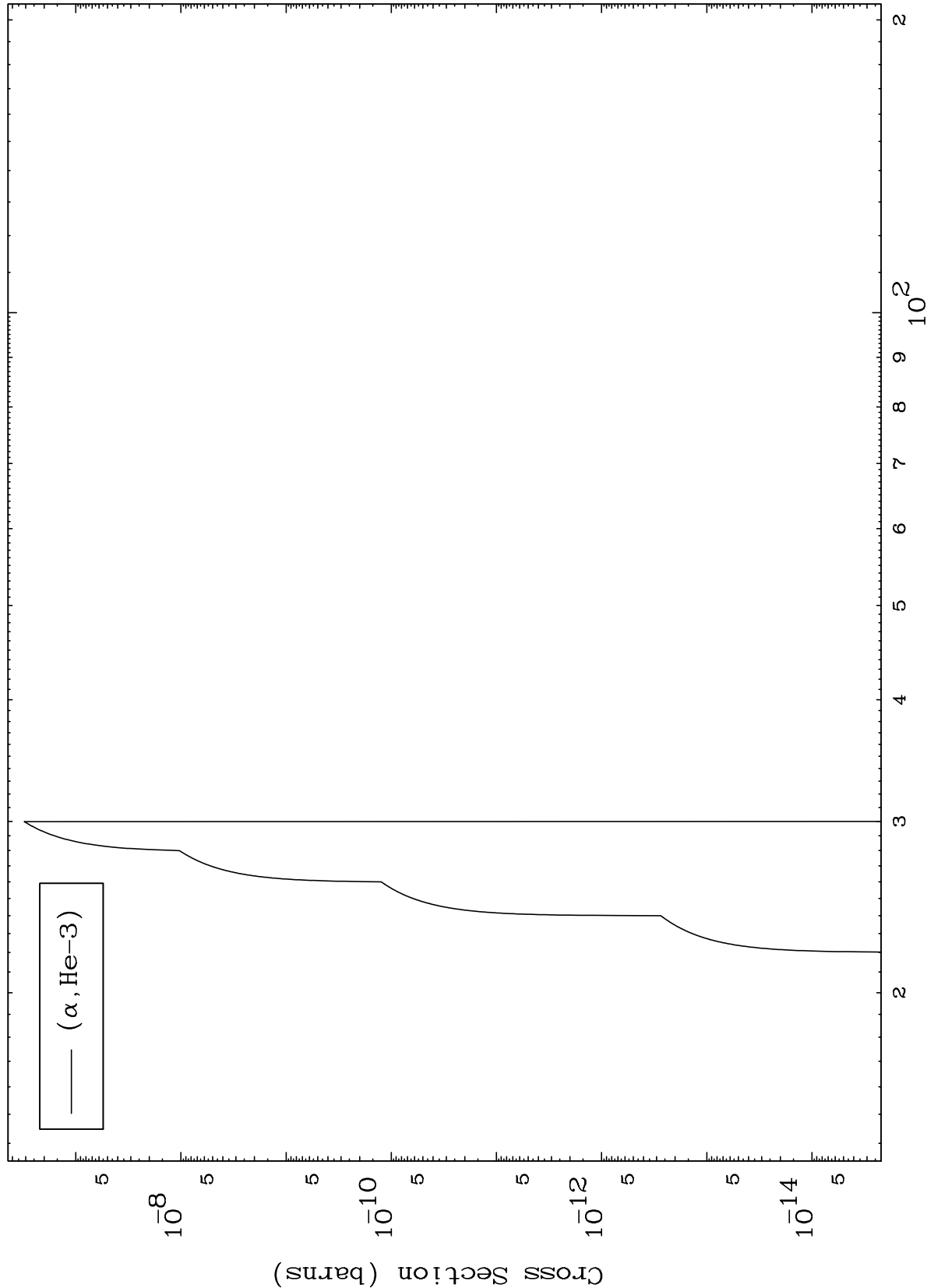


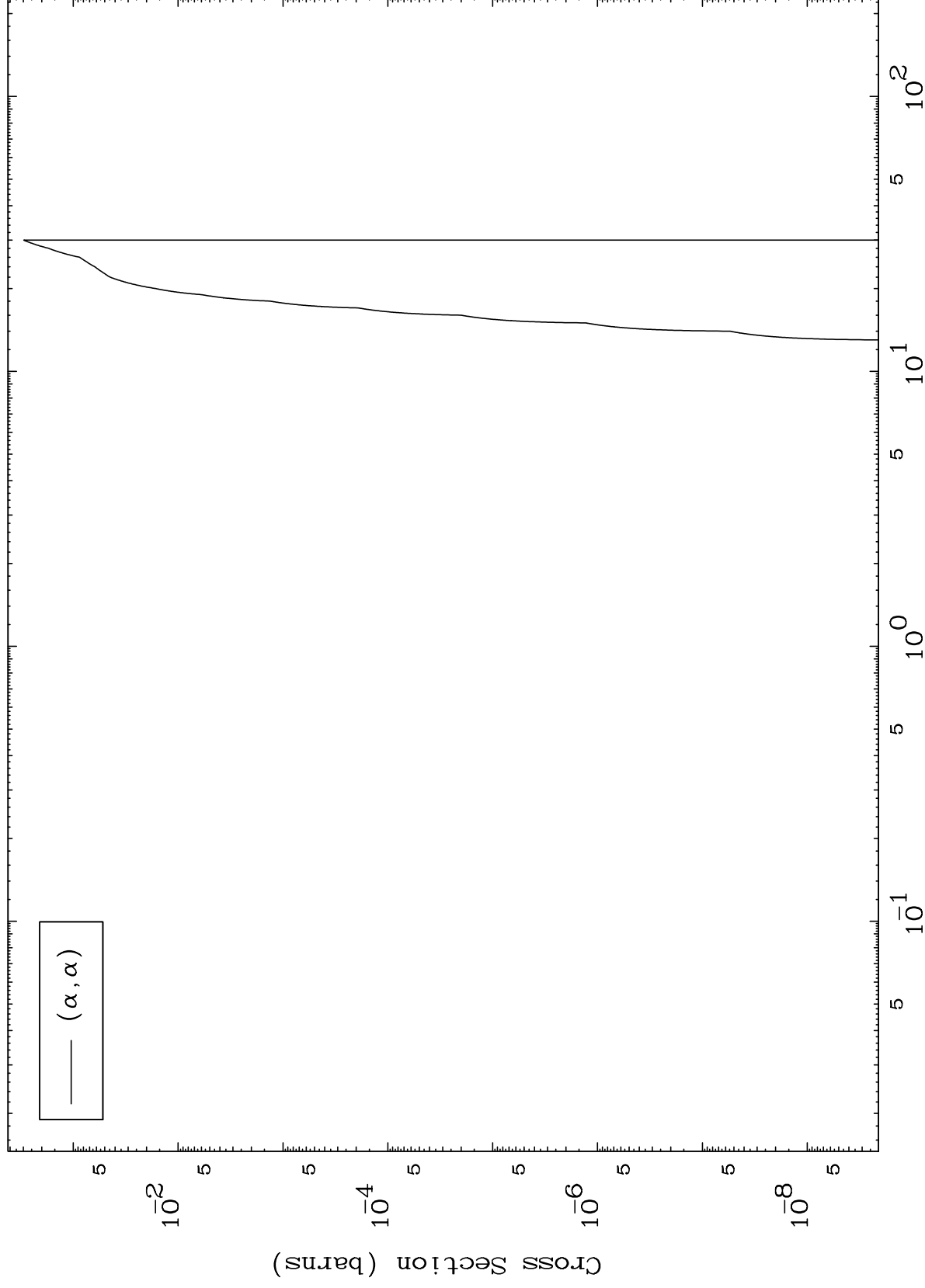
7

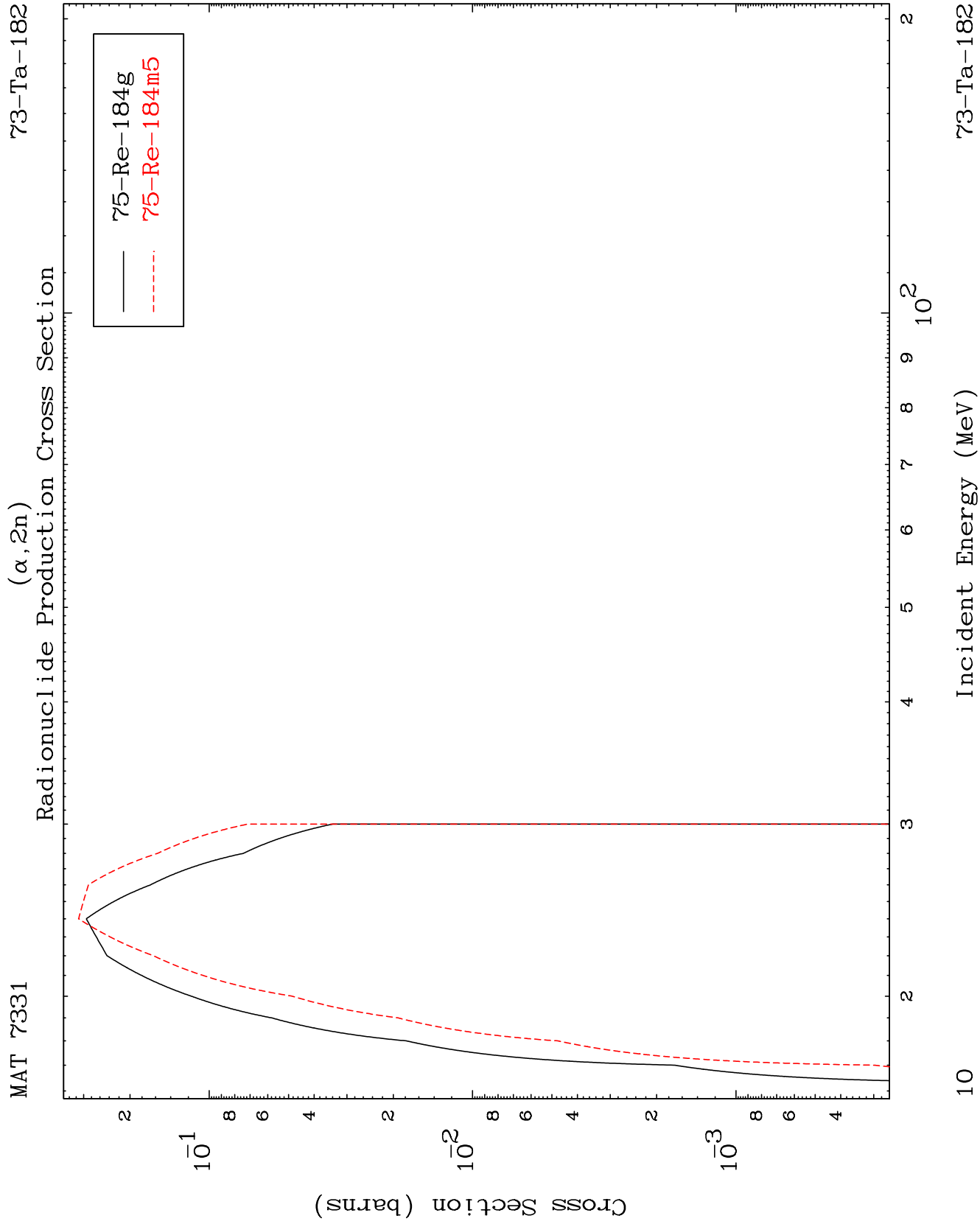
Incident Energy (MeV)

73-Ta-182

(α ,He3) Levels
0 Kelvin Cross Sections



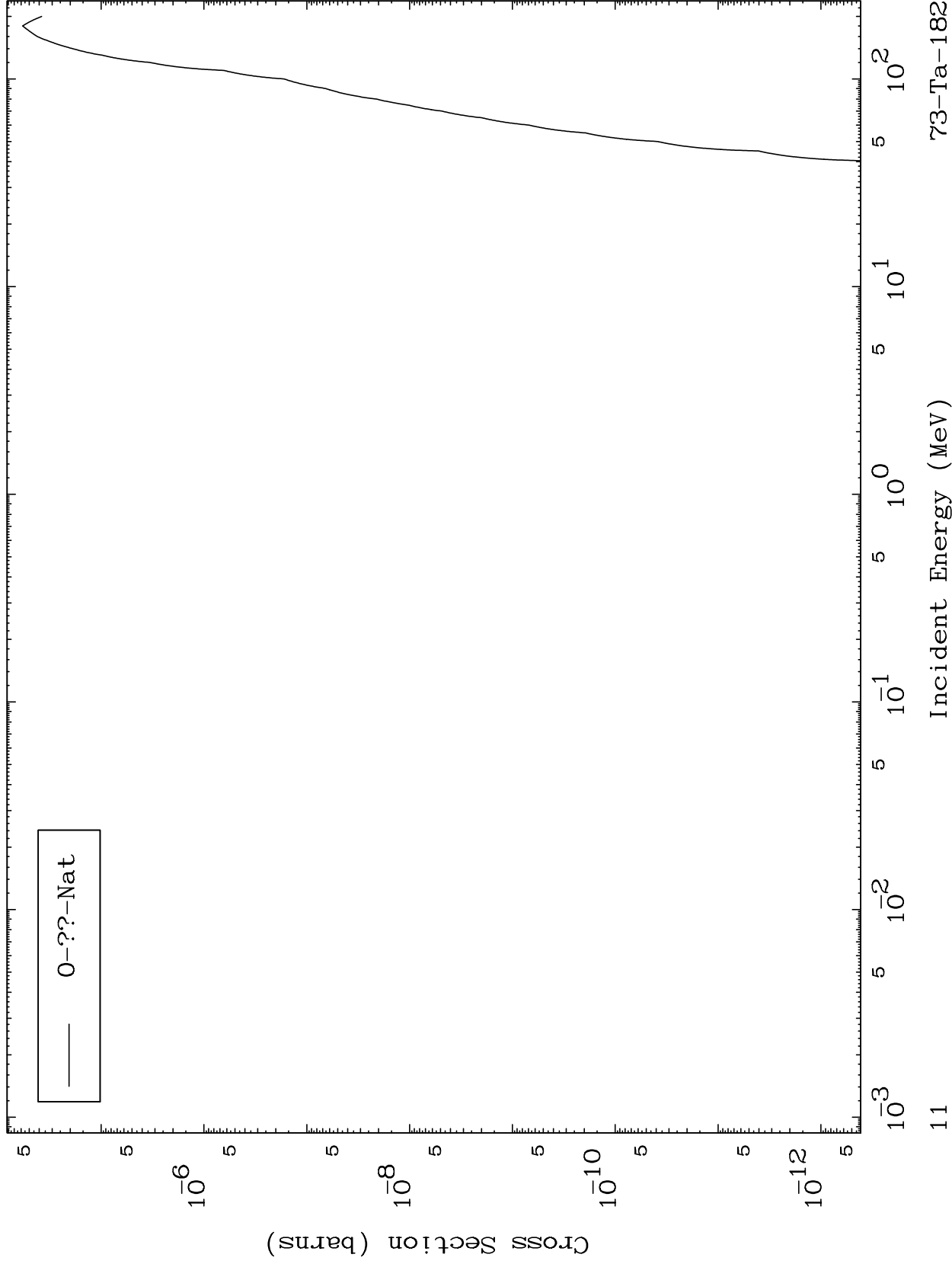




MAT 7331

α Fission
Radionuclide Production Cross Section

⁷³Ta-182



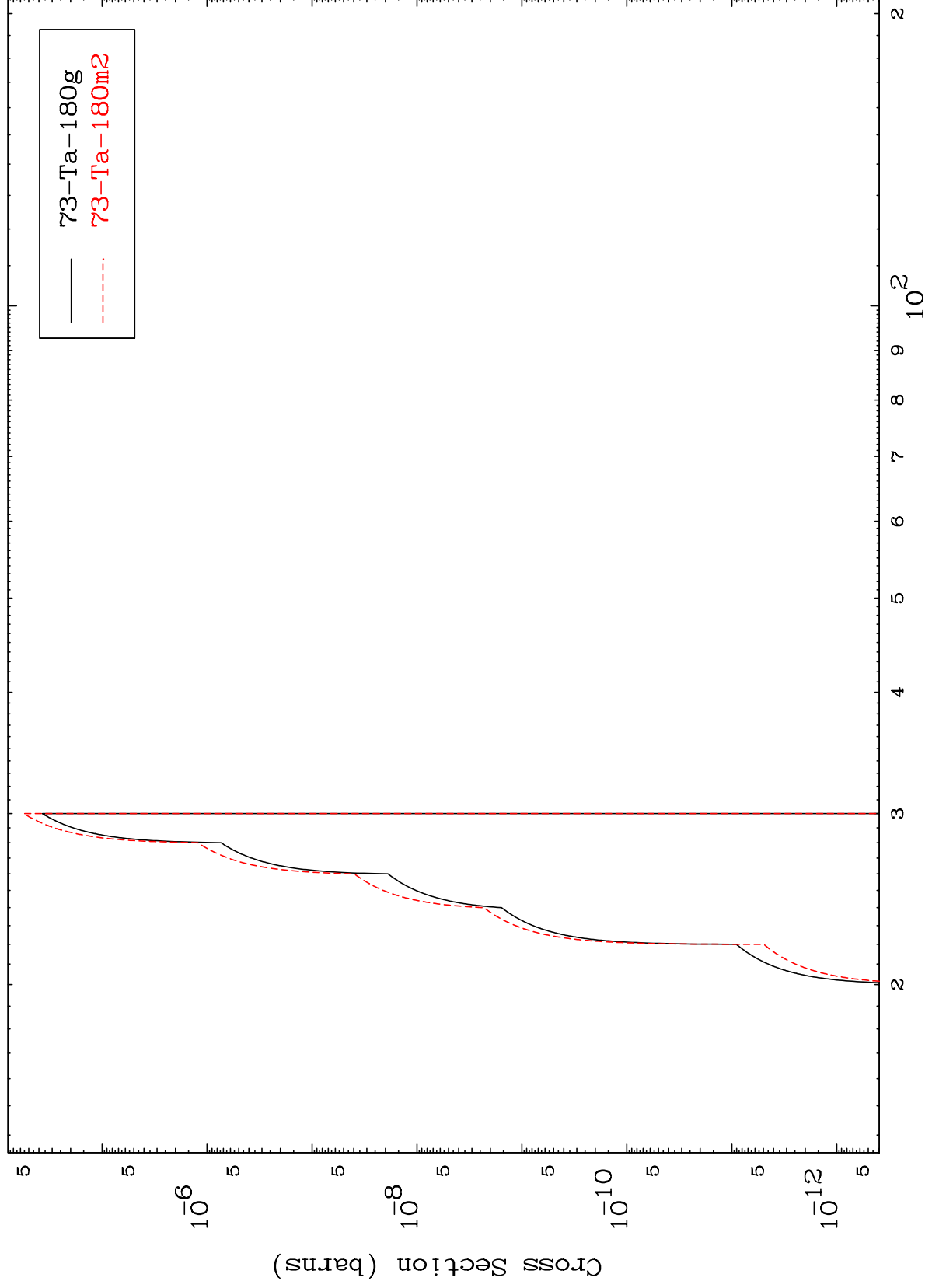
⁷³Ta-182

MAT 7331

$(\alpha, 2n) \alpha$

$^{73}\text{Ta-182}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

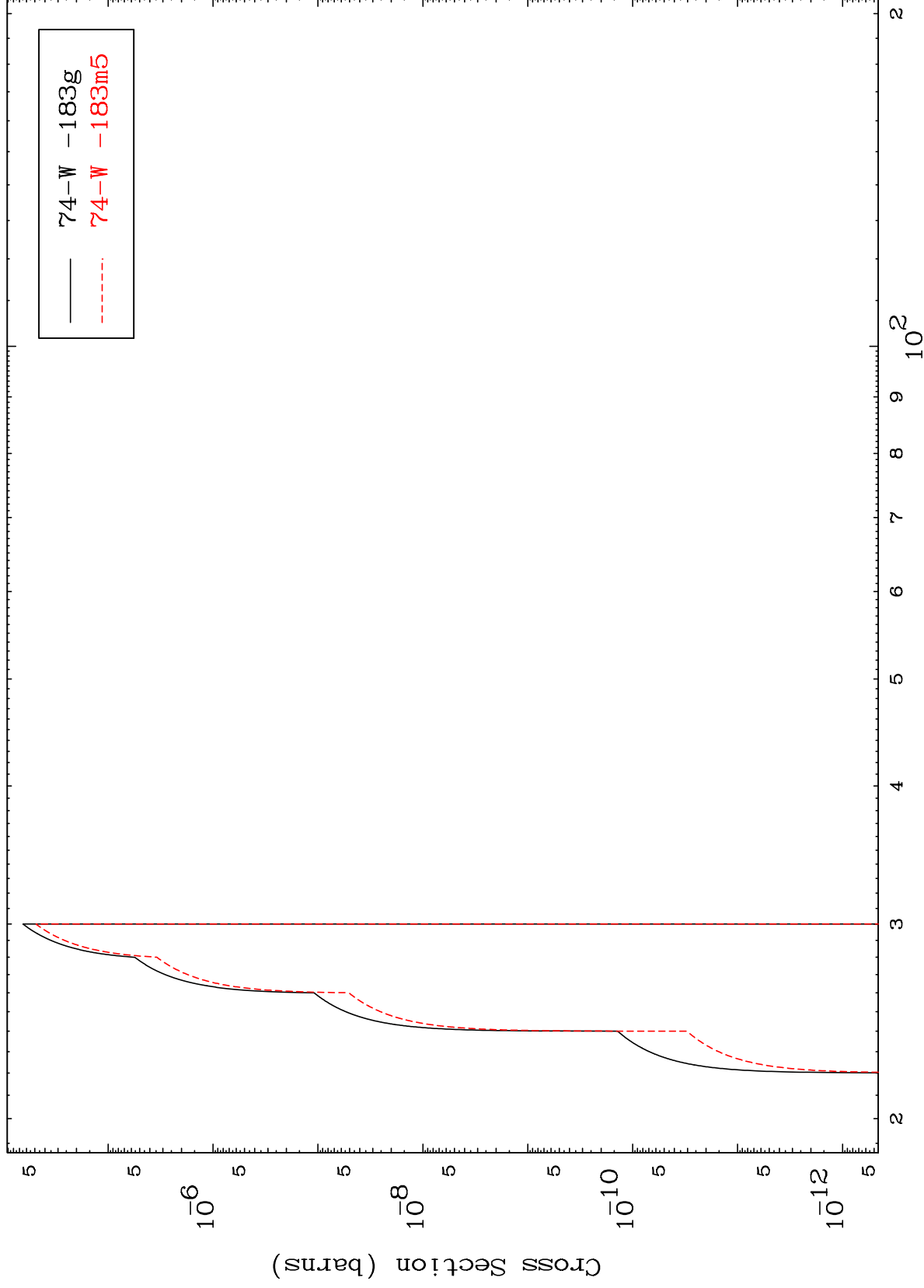
$^{73}\text{Ta-182}$

MAT 7331

(α, n') d

$^{73}\text{Ta-182}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

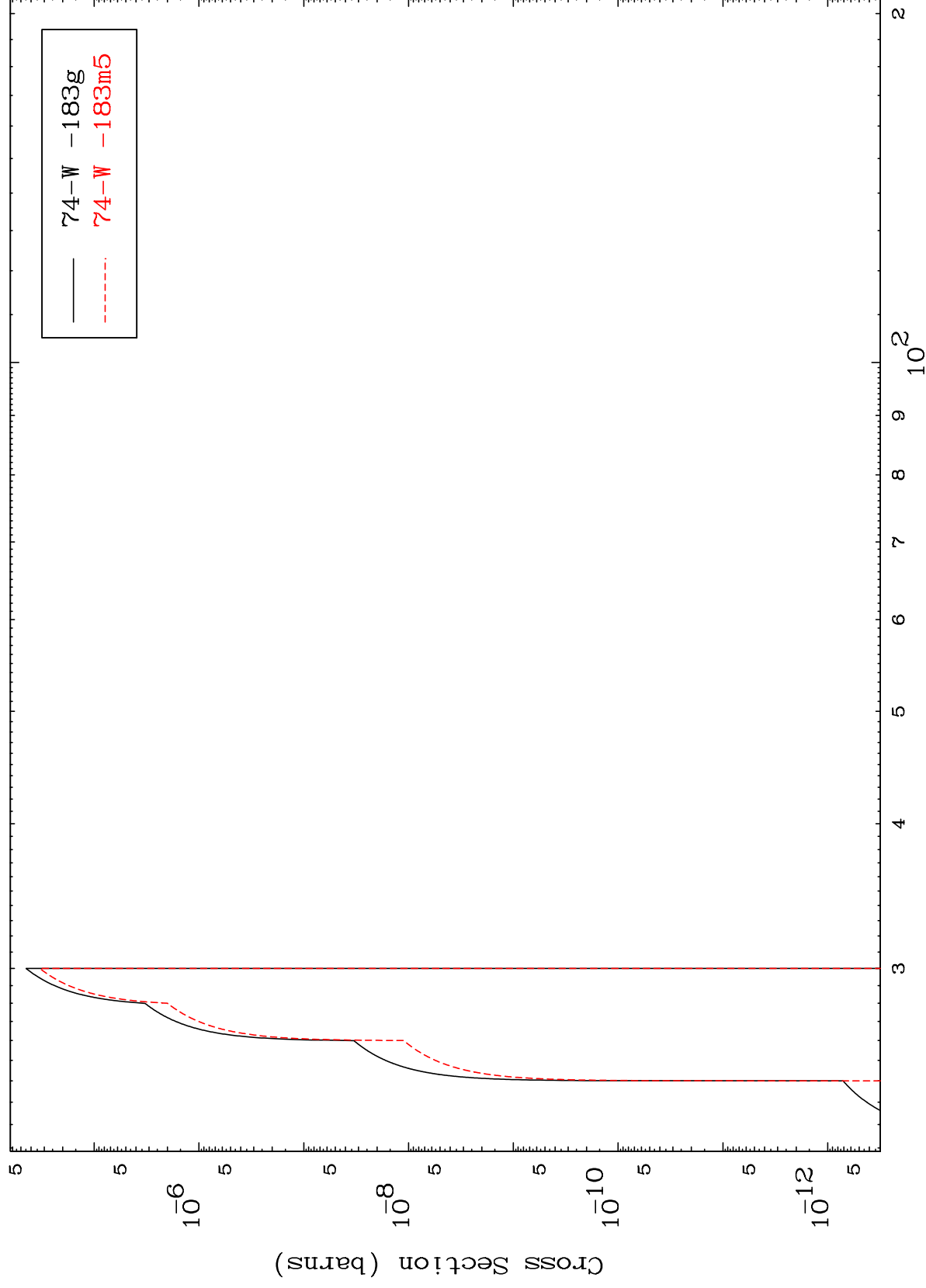
$^{73}\text{Ta-182}$

MAT 7331

$(\alpha, 2n)$ p

$^{73}\text{Ta-182}$

Radionuclide Production Cross Section

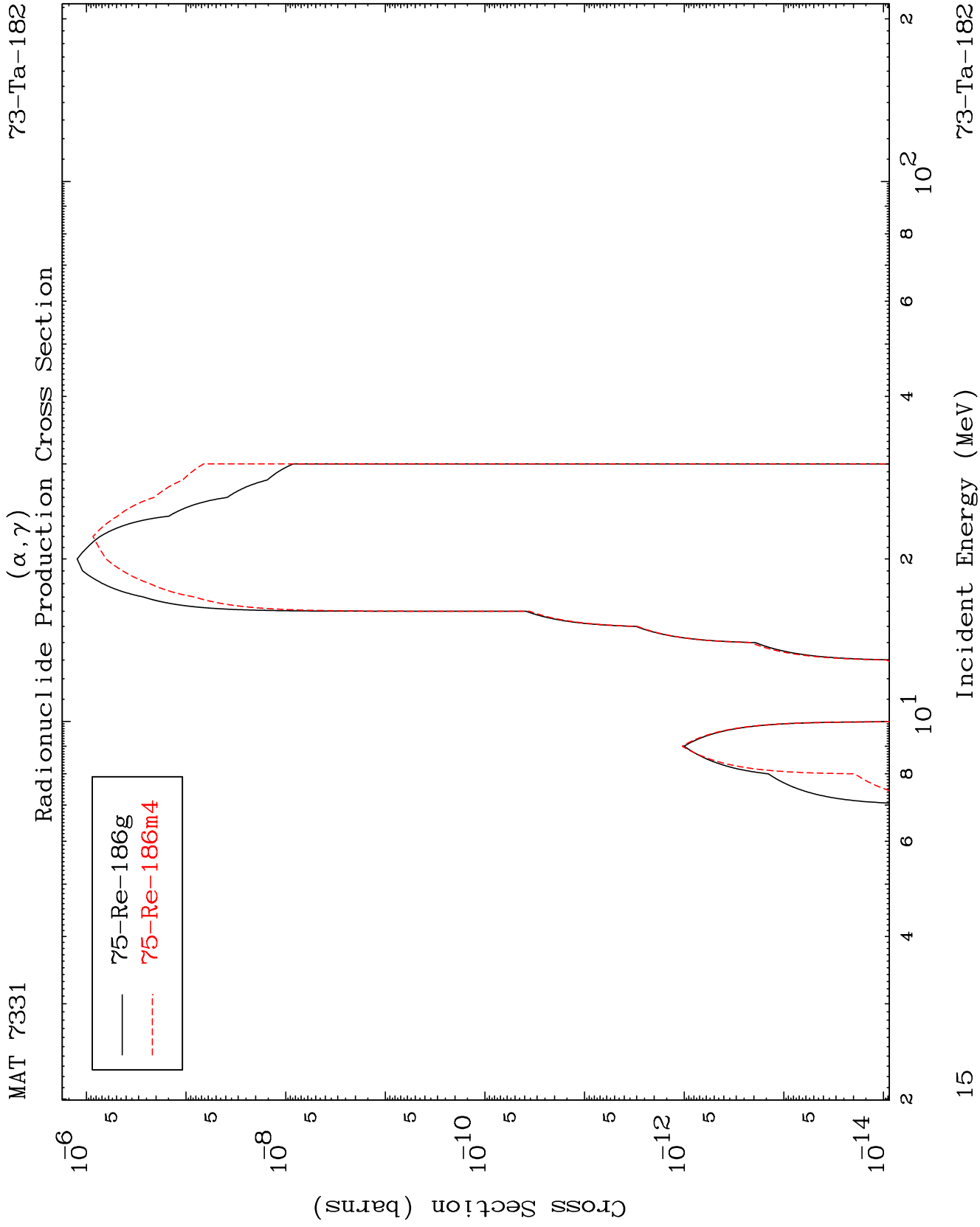


14

Incident Energy (MeV)

10^2

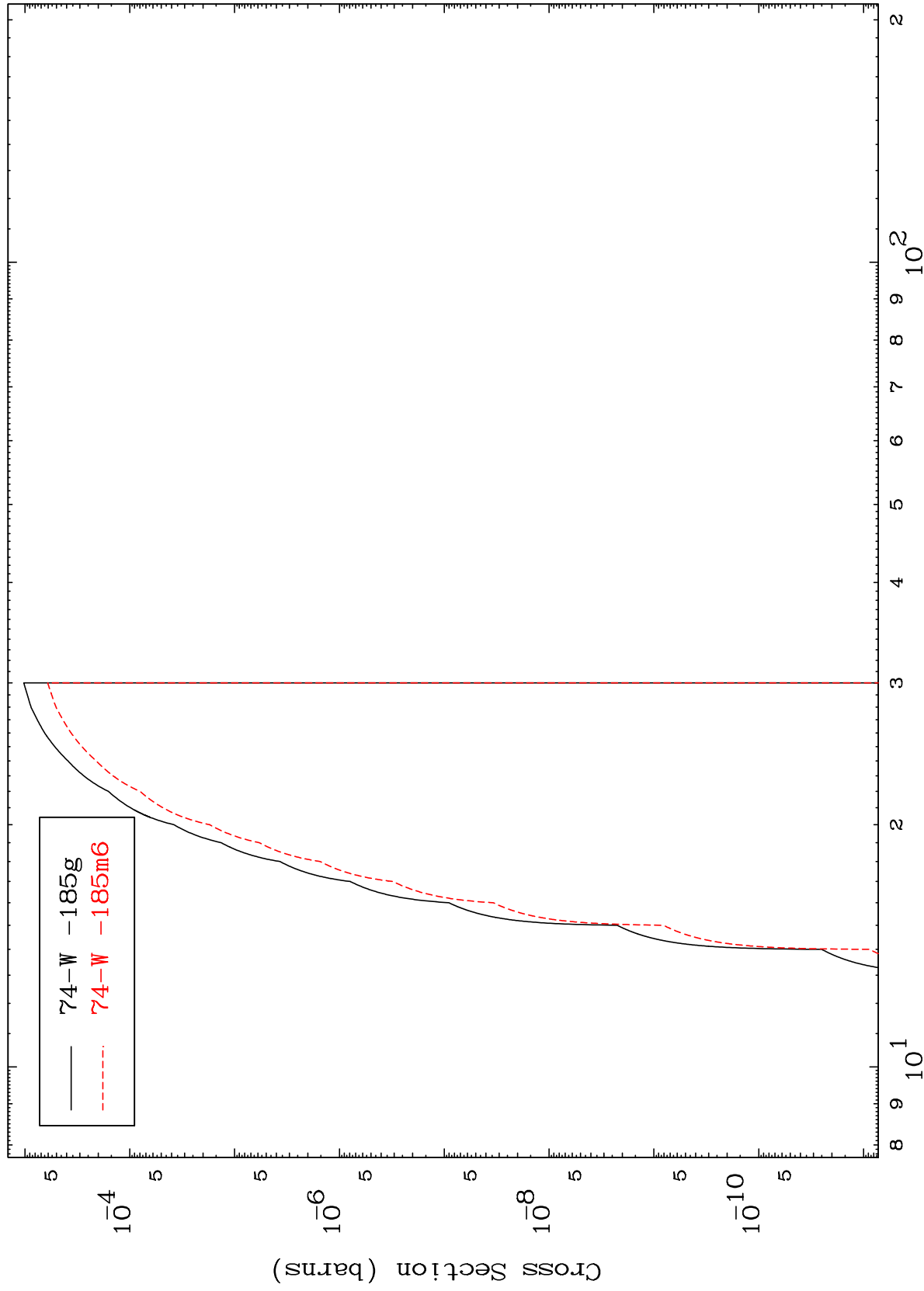
$^{73}\text{Ta-182}$



MAT 7331

73-Ta-182

(α, p)
Radionuclide Production Cross Section



16

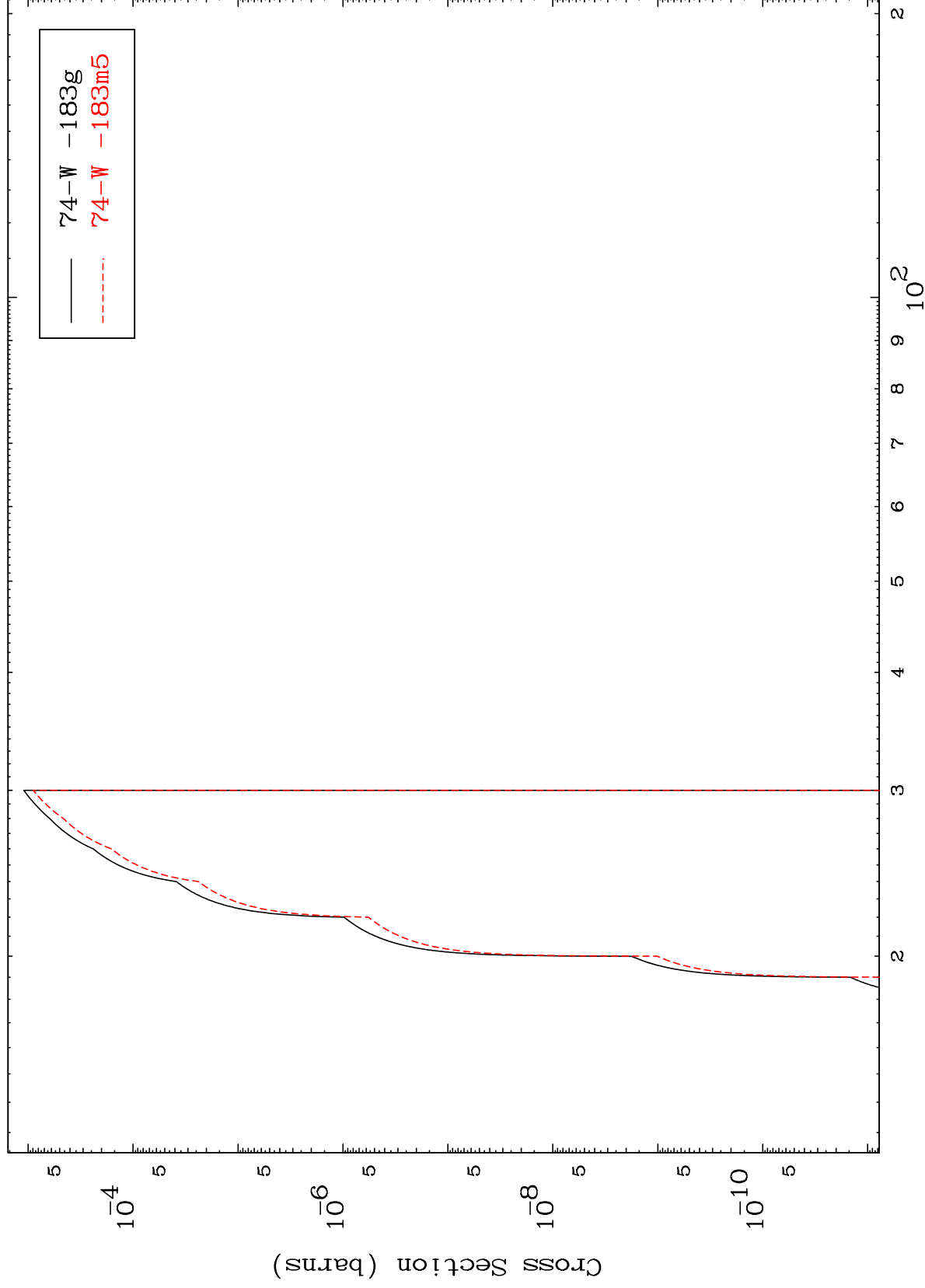
Incident Energy (MeV)

73-Ta-182

MAT 7331

73-Ta-182

(α, t)
Radionuclide Production Cross Section



17

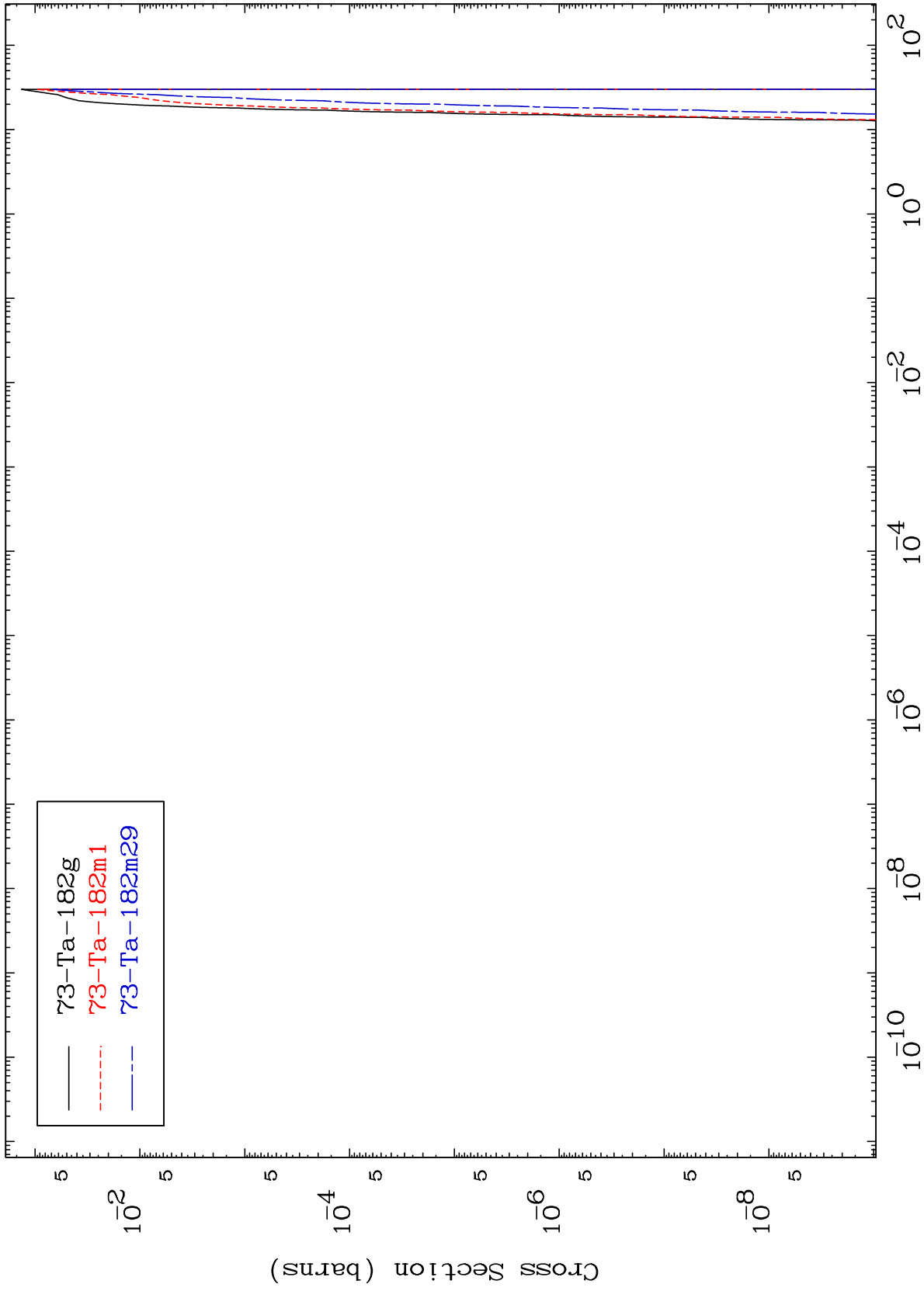
Incident Energy (MeV)

73-Ta-182

MAT 7331

(α, α)
Radionuclide Production Cross Section

$^{73}\text{Ta-182}$



18

Incident Energy (MeV)

$^{73}\text{Ta-182}$