

Program EVALPLOT
(Version 2018-1)

by

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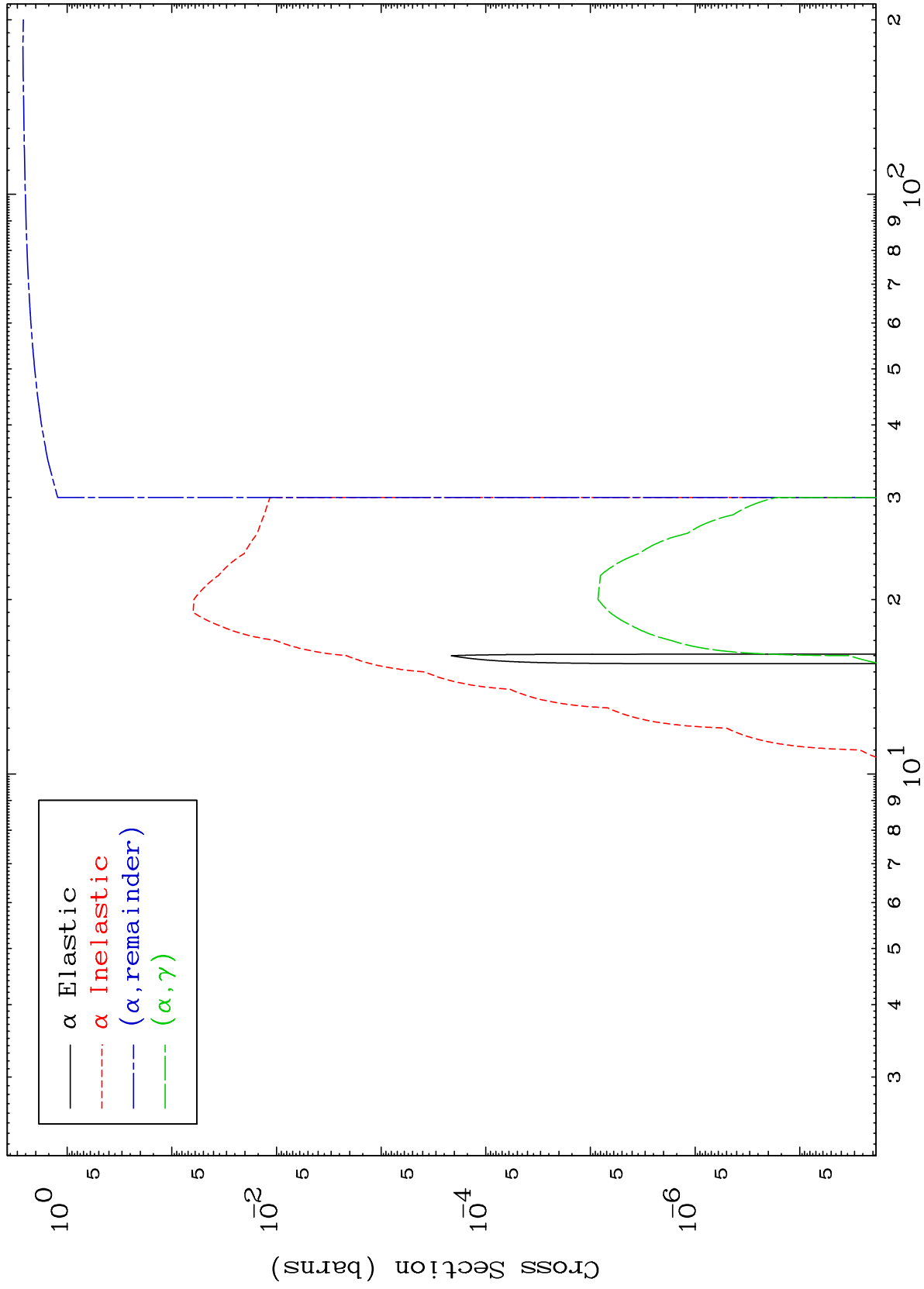
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7325

0 Kelvin α Major
Cross Sections

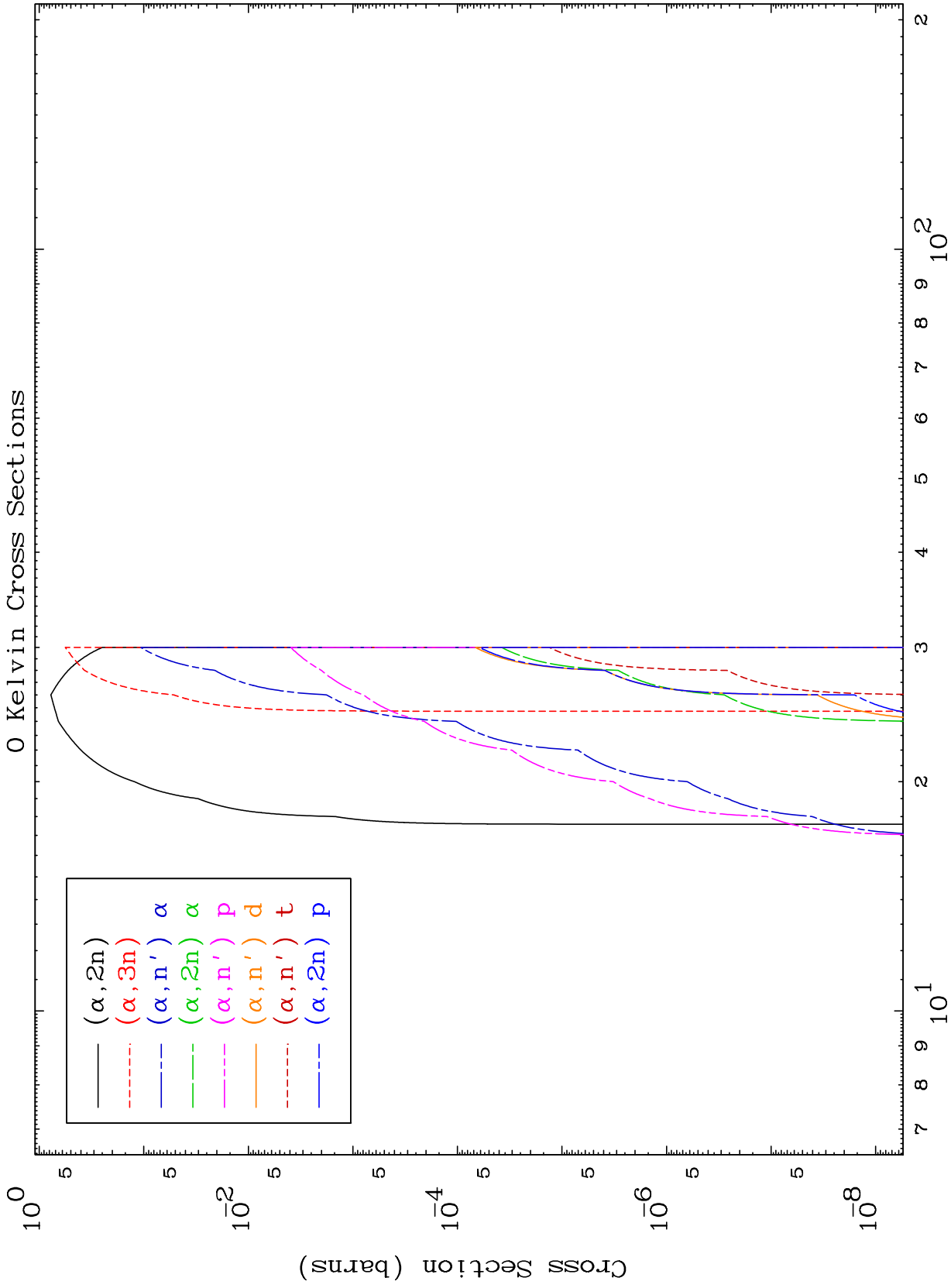
73-Ta-180



MAT 7325

α Neutron Production
0 Kelvin Cross Sections

73-Ta-180



2

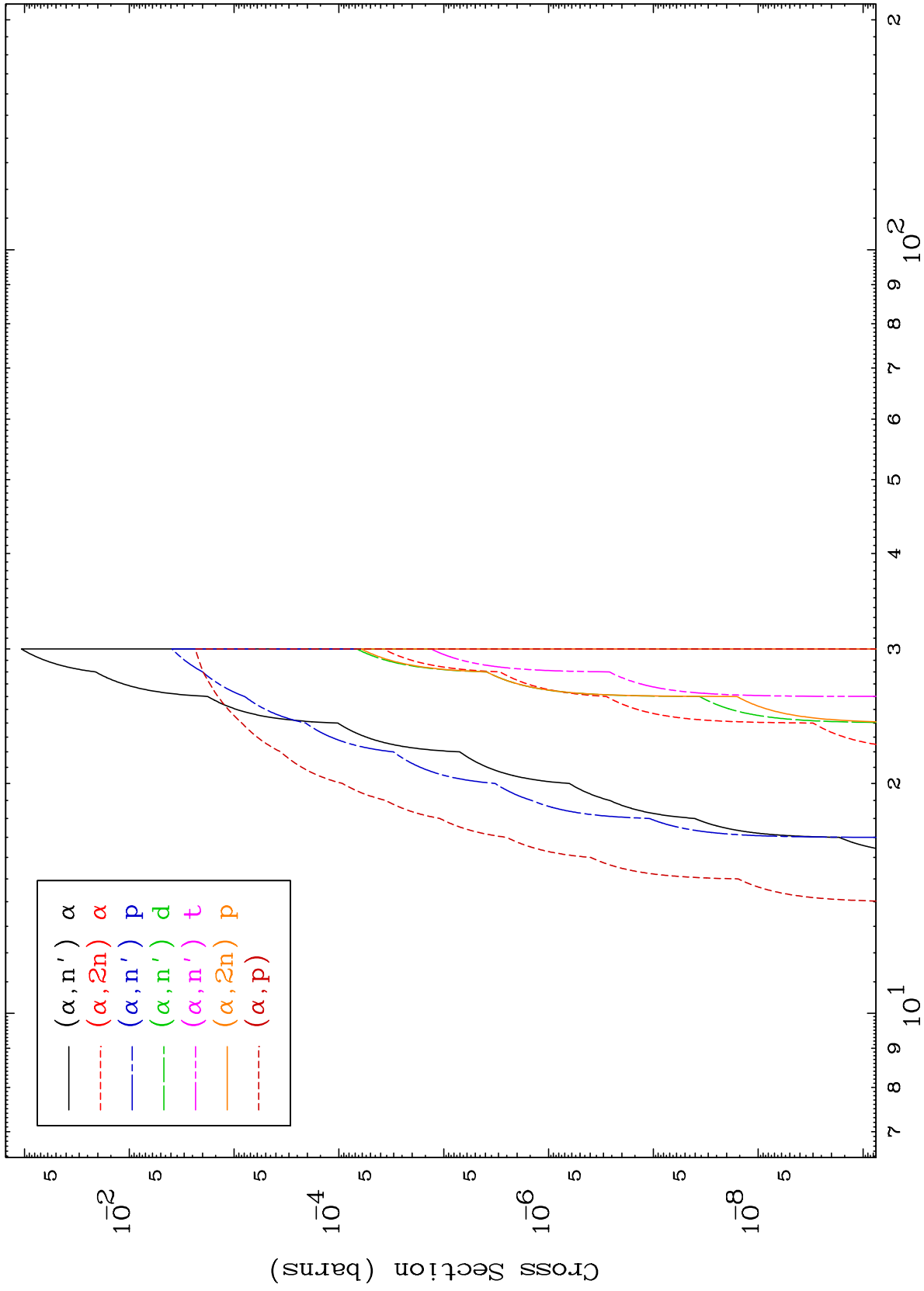
Incident Energy (MeV)

73-Ta-180

MAT 7325

α Charged Particle
0 Kelvin Cross Sections

$^{73}\text{Ta-180}$



3

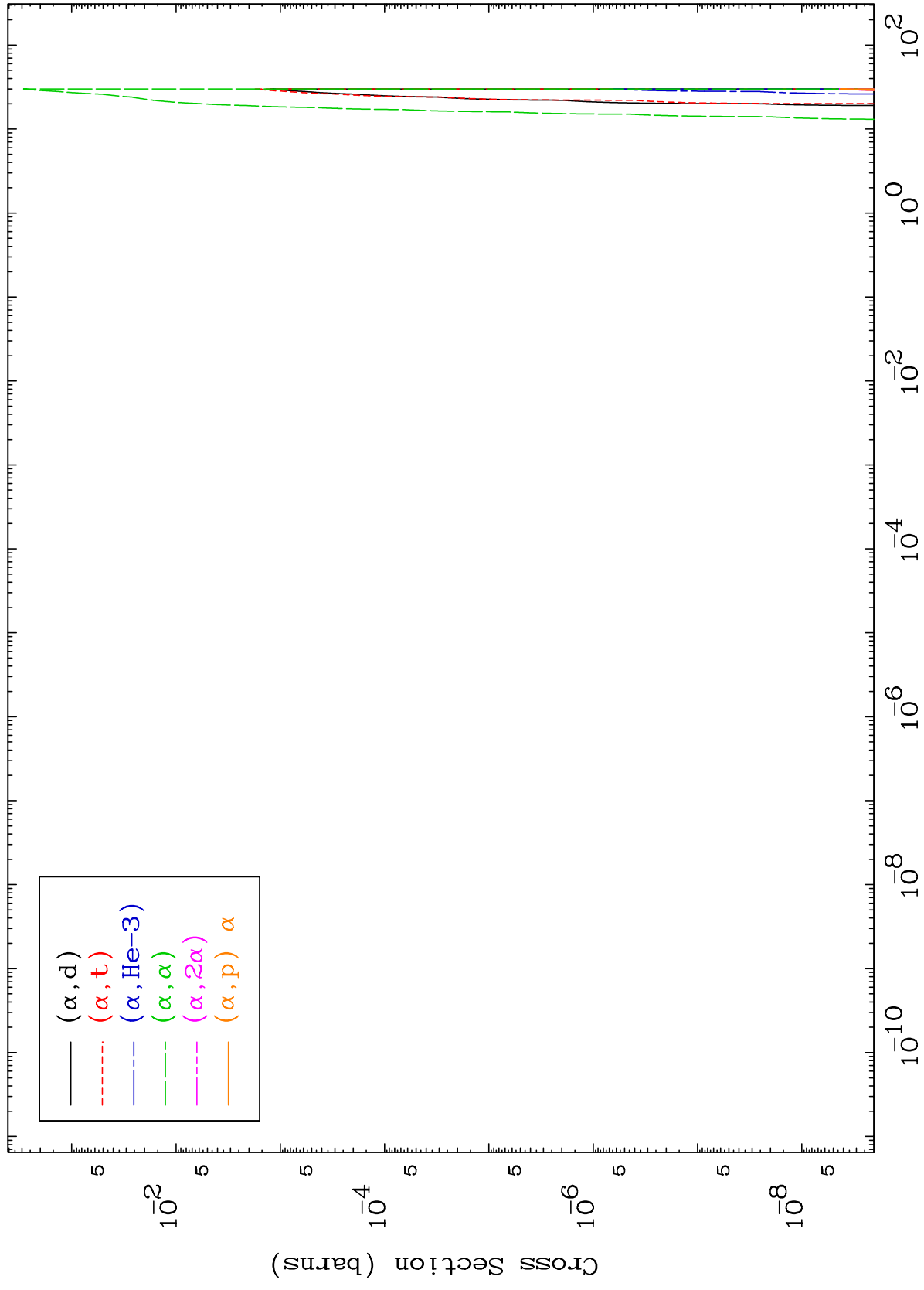
Incident Energy (MeV)

$^{73}\text{Ta-180}$

MAT 7325

α Charged Particle
0 Kelvin Cross Sections

73-Ta-180

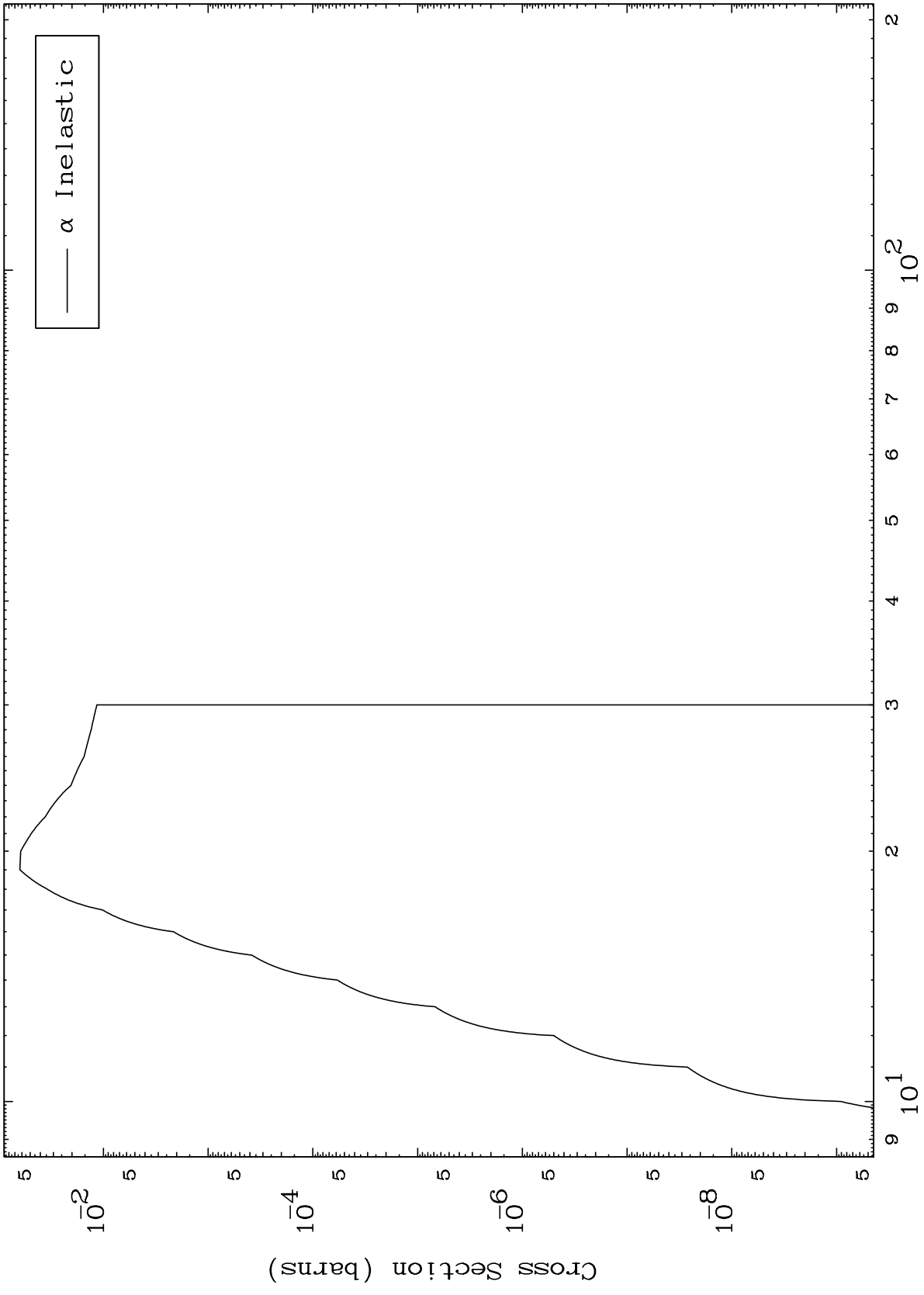


73-Ta-180

MAT 7325

(α, n') Level
0 Kelvin Cross Sections

73-Ta-180



5

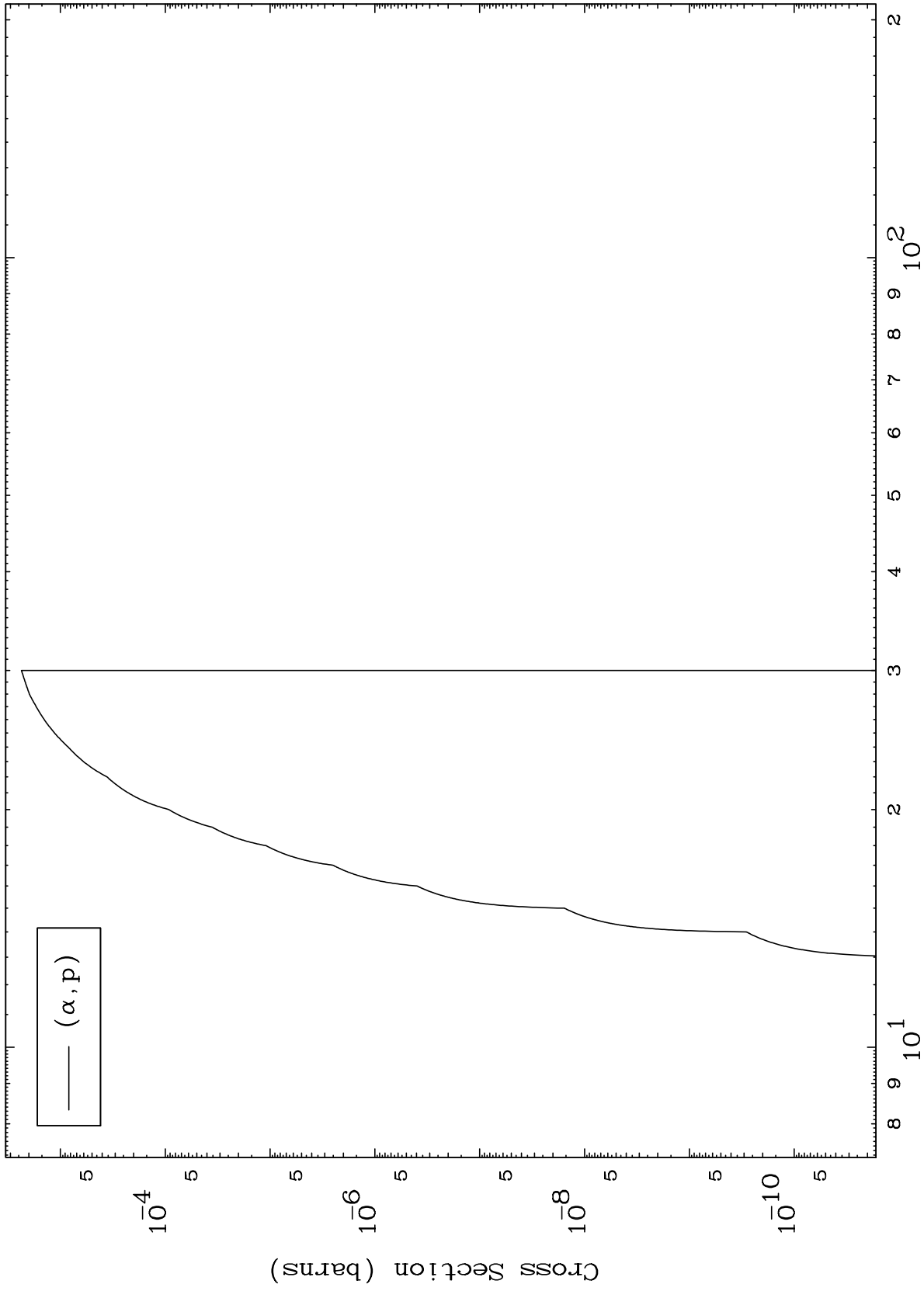
Incident Energy (MeV)

73-Ta-180

MAT 7325

(α, p) Levels
0 Kelvin Cross Sections

$^{73}\text{Ta-180}$



6

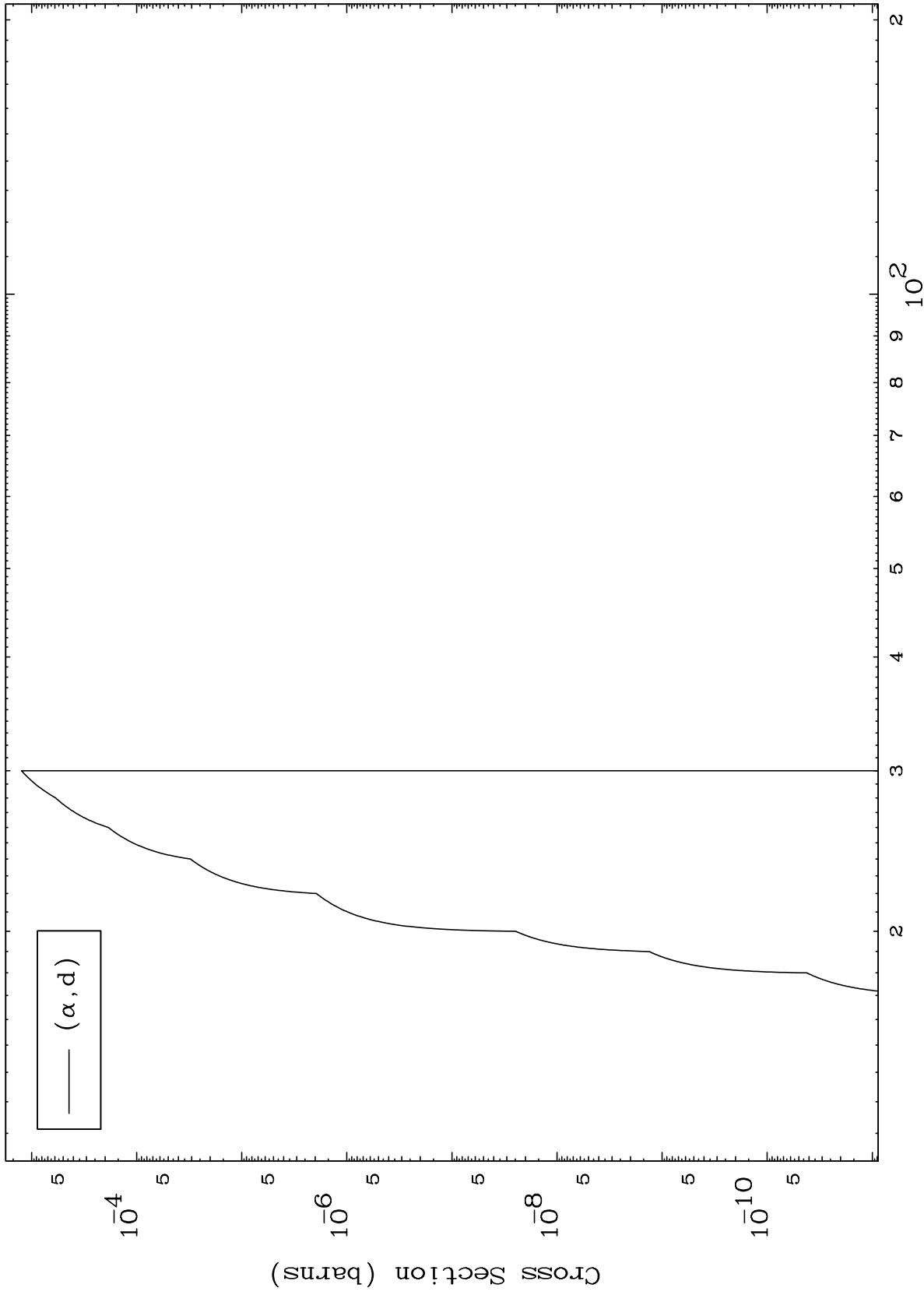
Incident Energy (MeV)

$^{73}\text{Ta-180}$

MAT 7325

(α, d) Levels
0 Kelvin Cross Sections

73-Ta-180



7

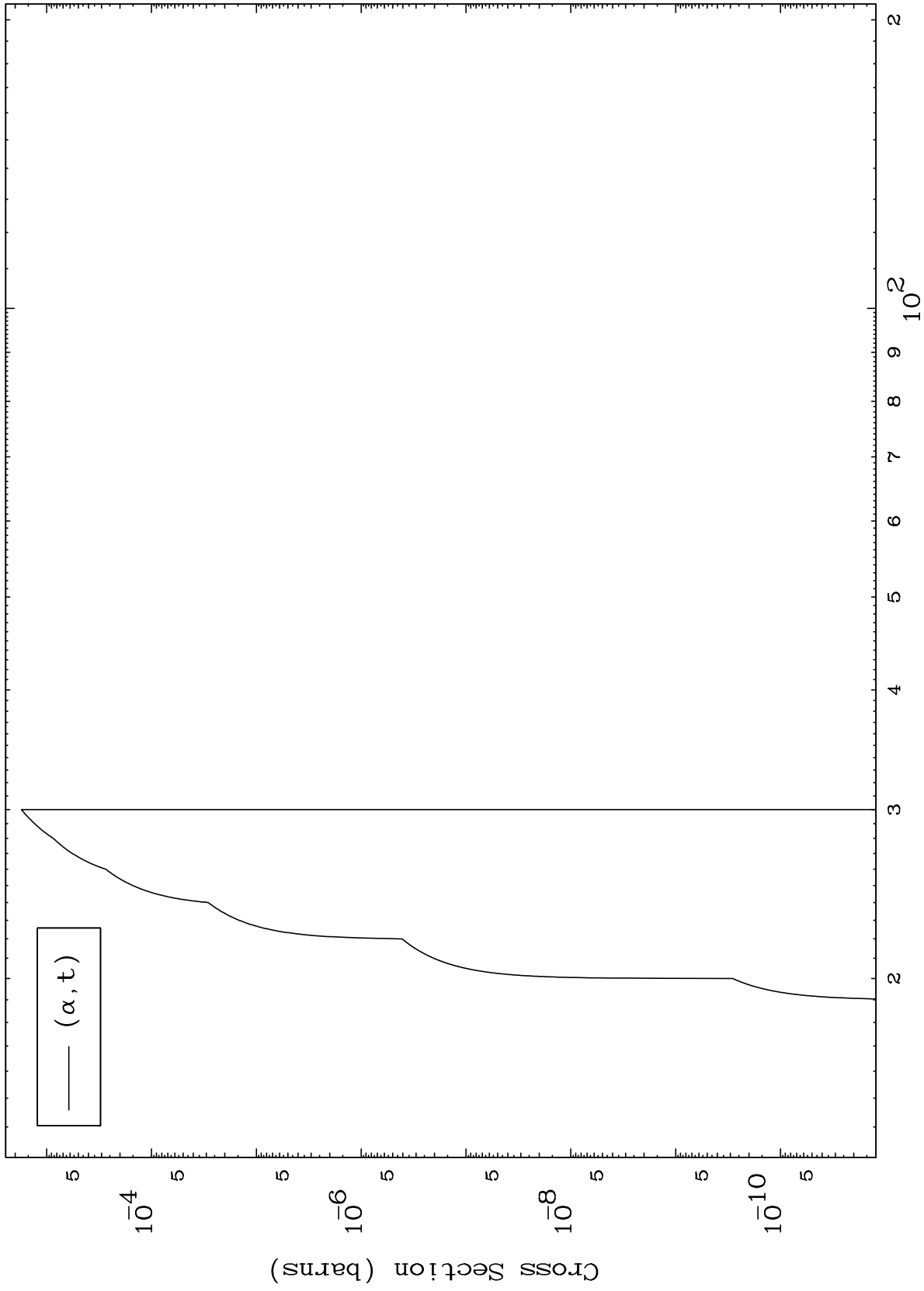
Incident Energy (MeV)

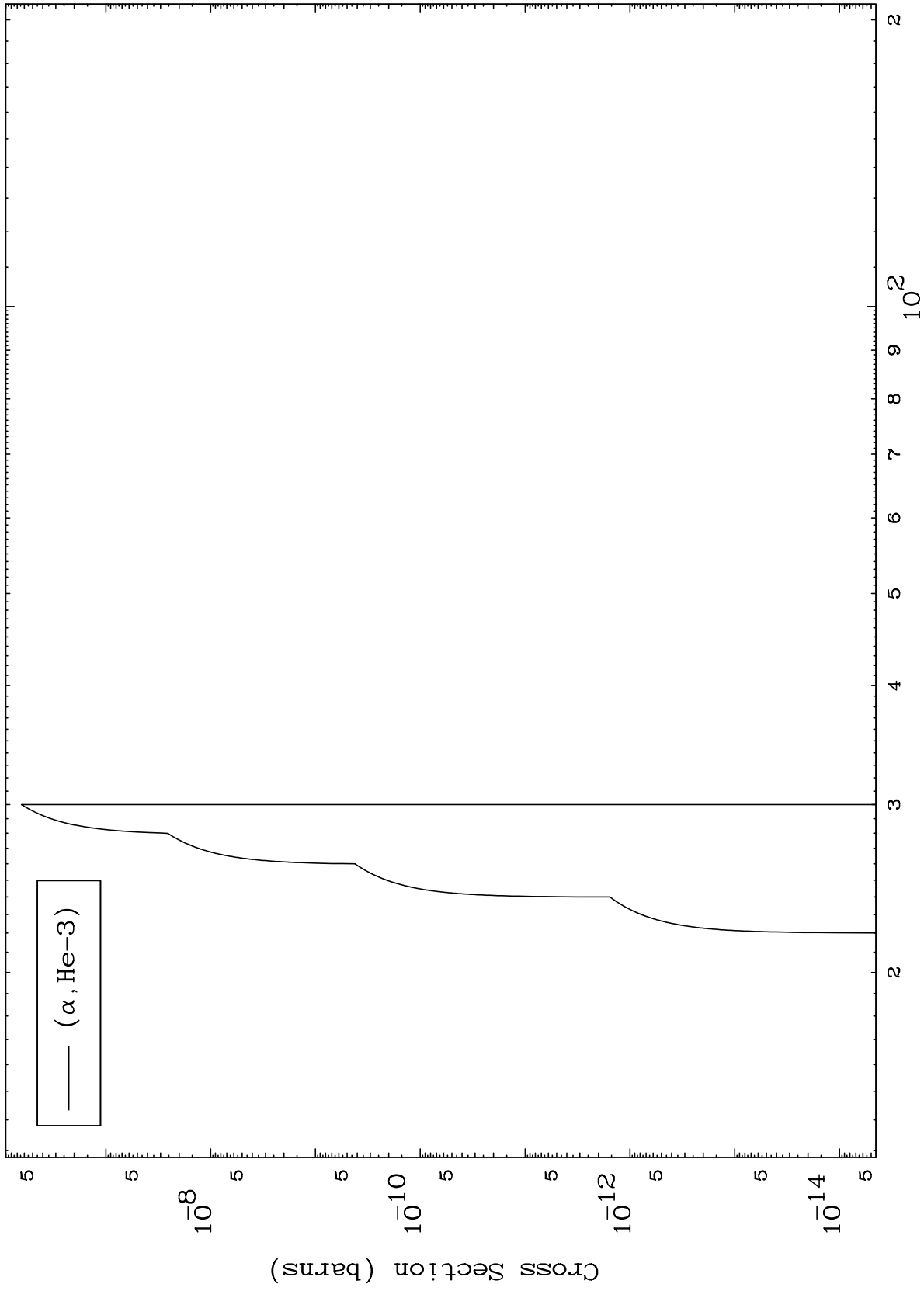
73-Ta-180

MAT 7325

(α, t) Levels
0 Kelvin Cross Sections

$^{73}\text{Ta-180}$

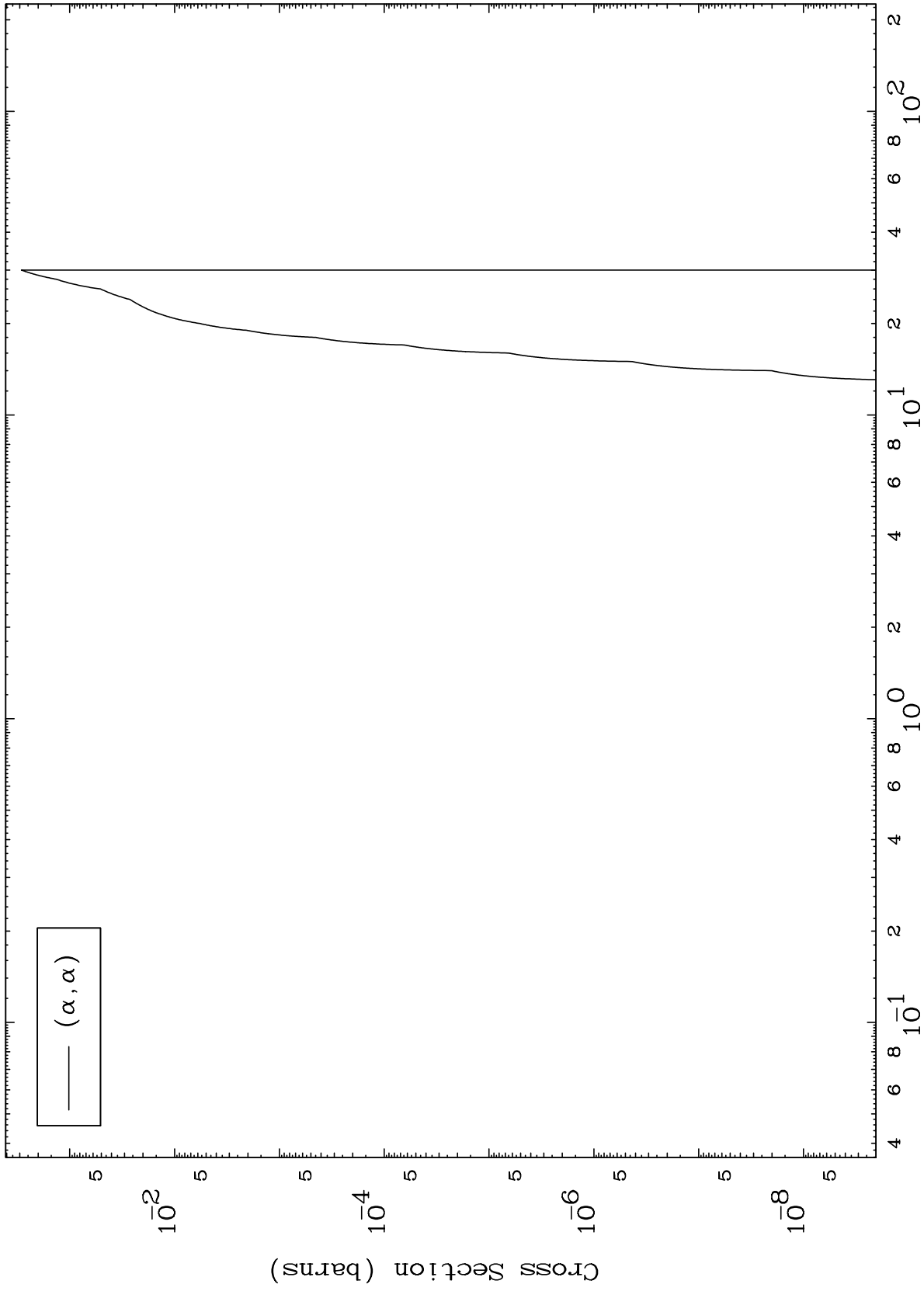




MAT 7325

(α, α) Levels
0 Kelvin Cross Sections

$^{73}\text{Ta-180}$



10

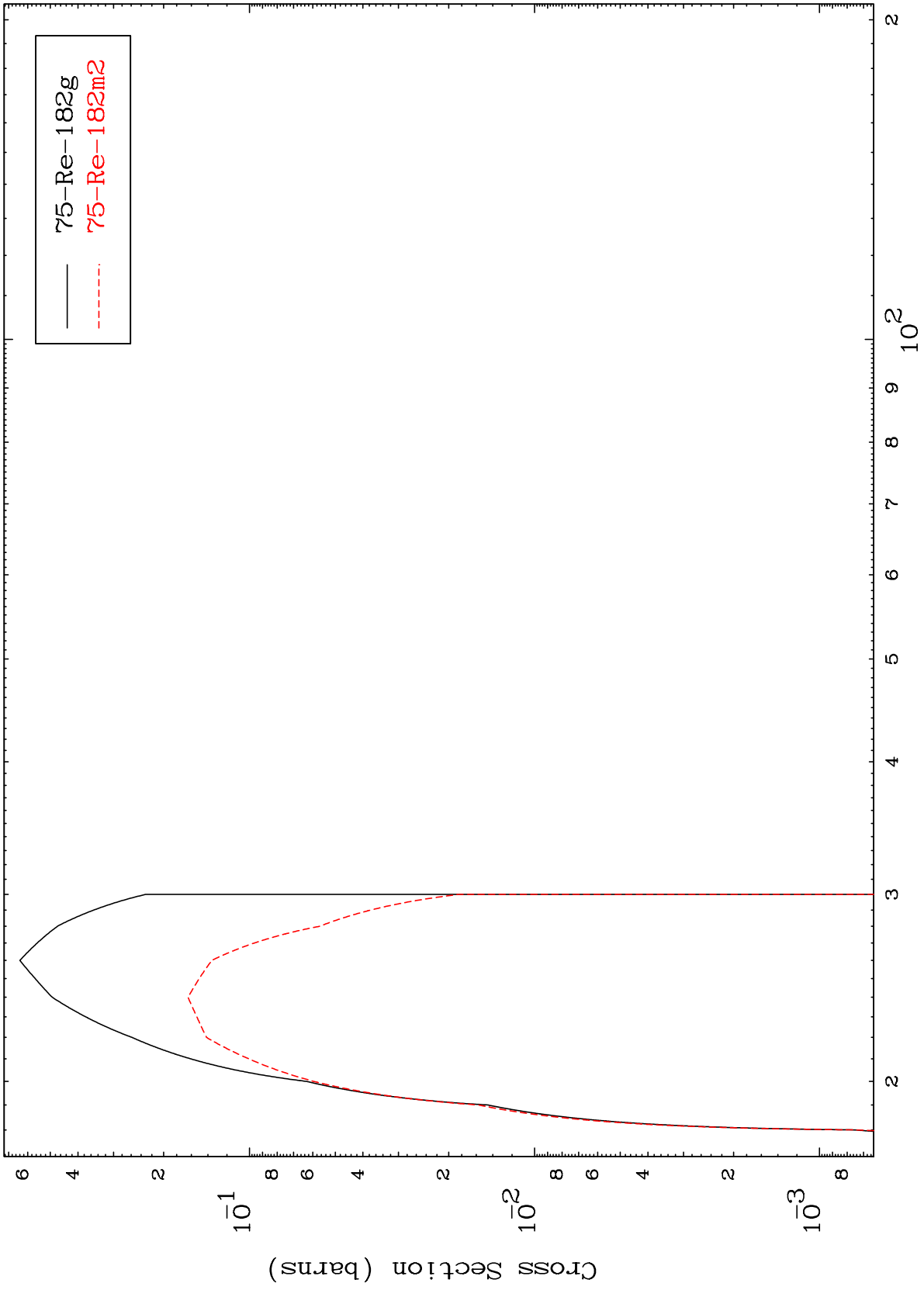
Incident Energy (MeV)

$^{73}\text{Ta-180}$

MAT 7325

73-Ta-180

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



11

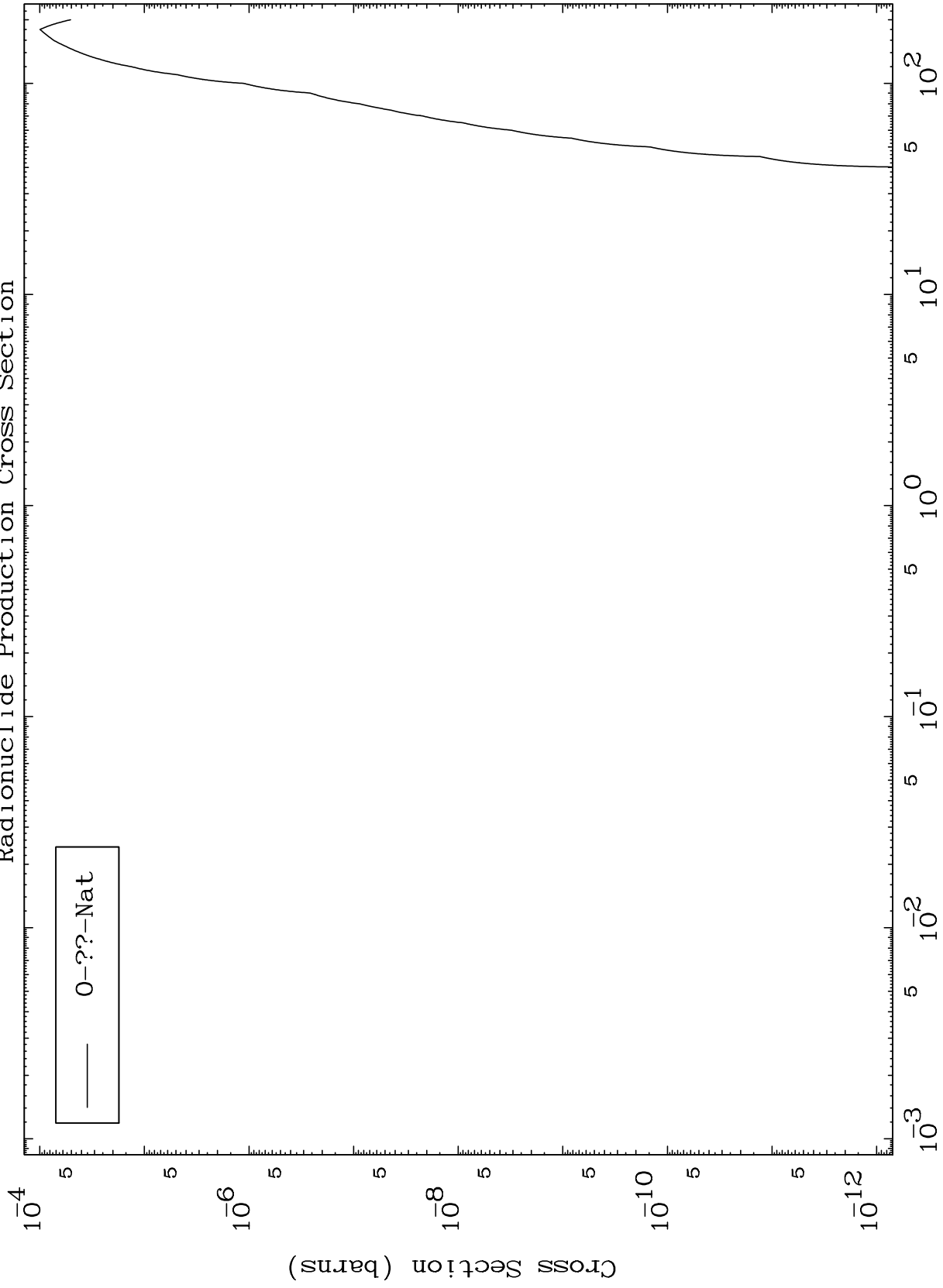
Incident Energy (MeV)

73-Ta-180

MAT 7325

α Fission
Radionuclide Production Cross Section

⁷³Ta-180



12

Incident Energy (MeV)

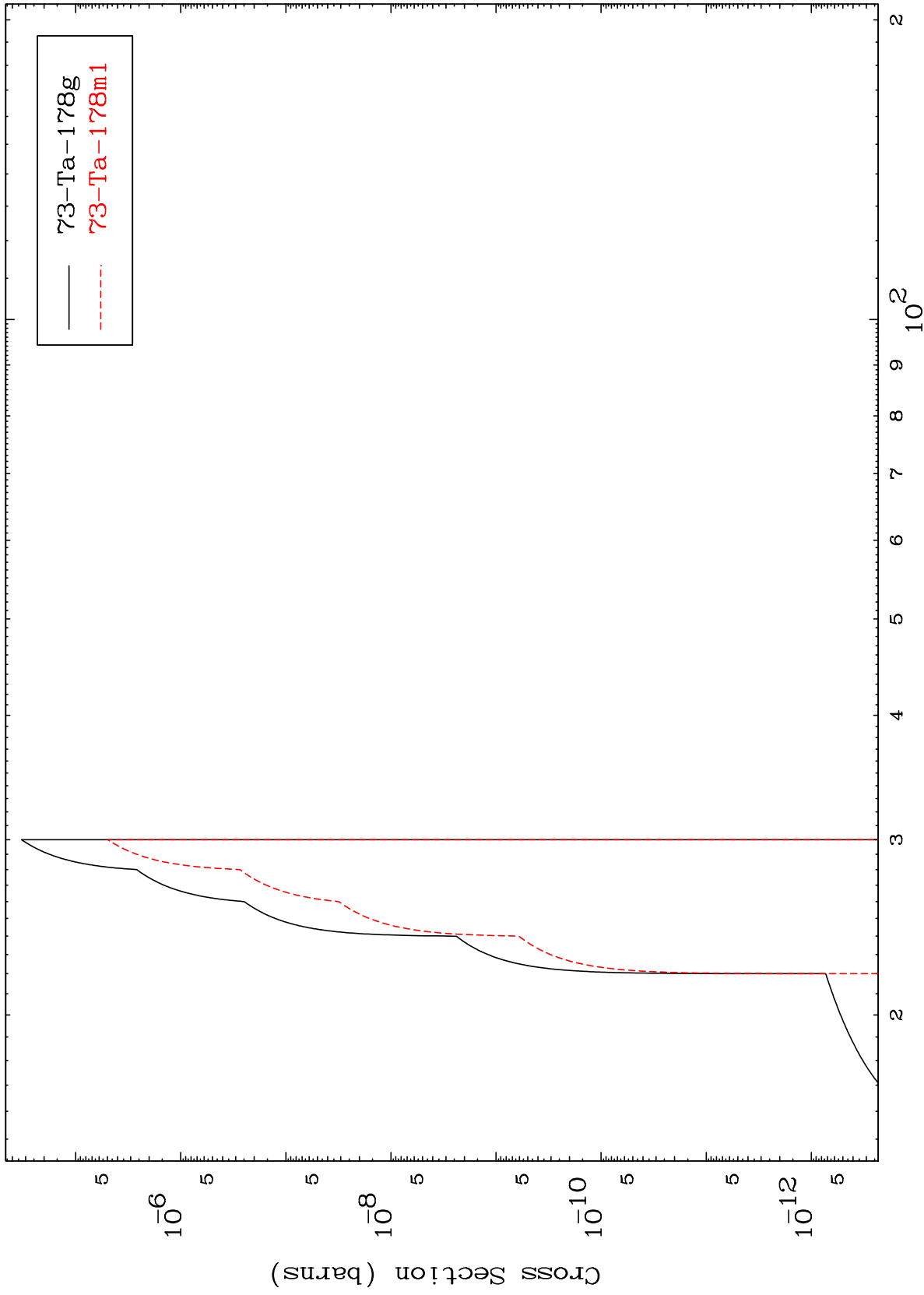
⁷³Ta-180

MAT 7325

$(\alpha, 2n) \alpha$

$^{73}\text{Ta-180}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

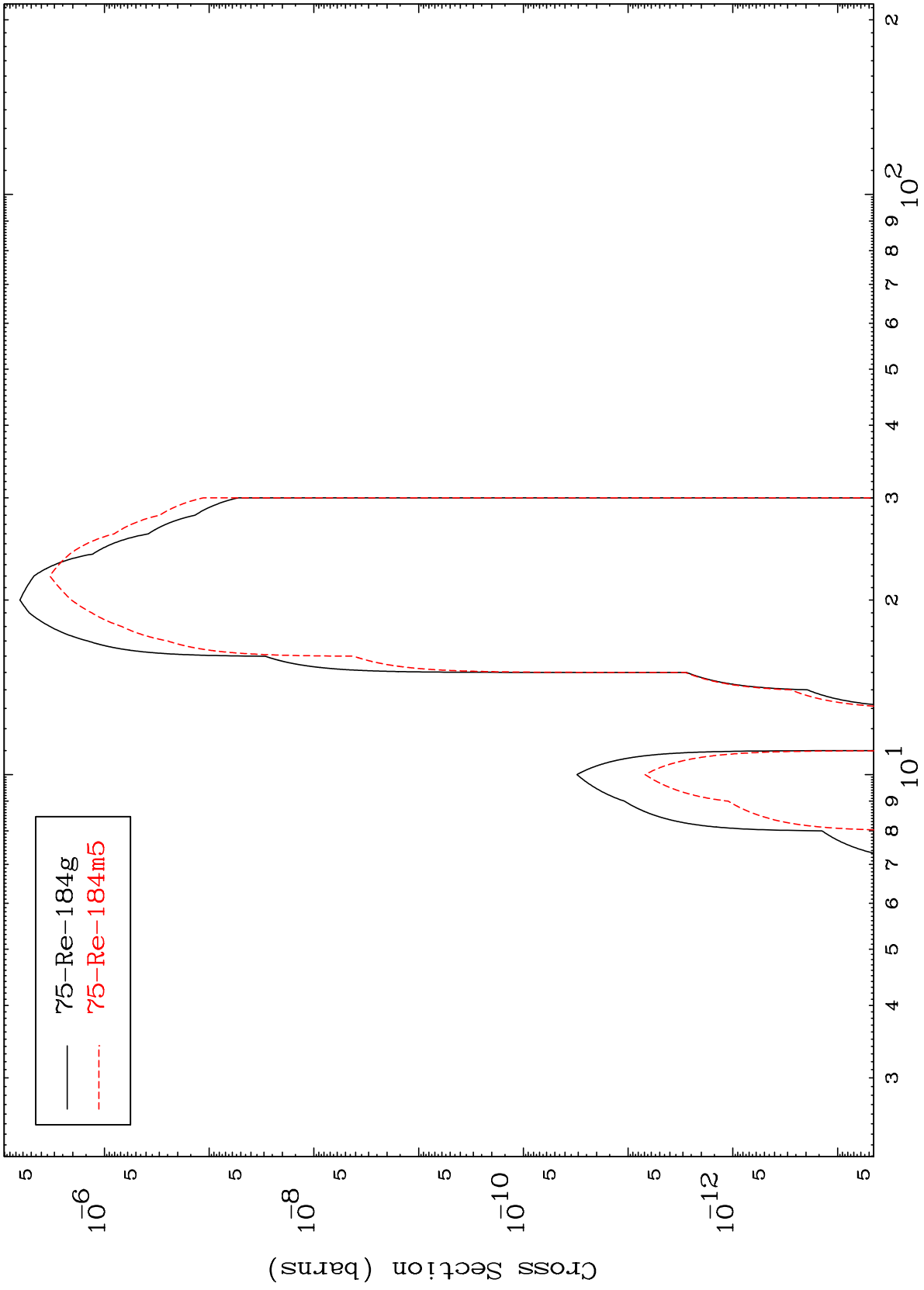
$^{73}\text{Ta-180}$

MAT 7325

$^{73}\text{Ta-180}$

Radionuclide Production Cross Section

(α, γ)



14

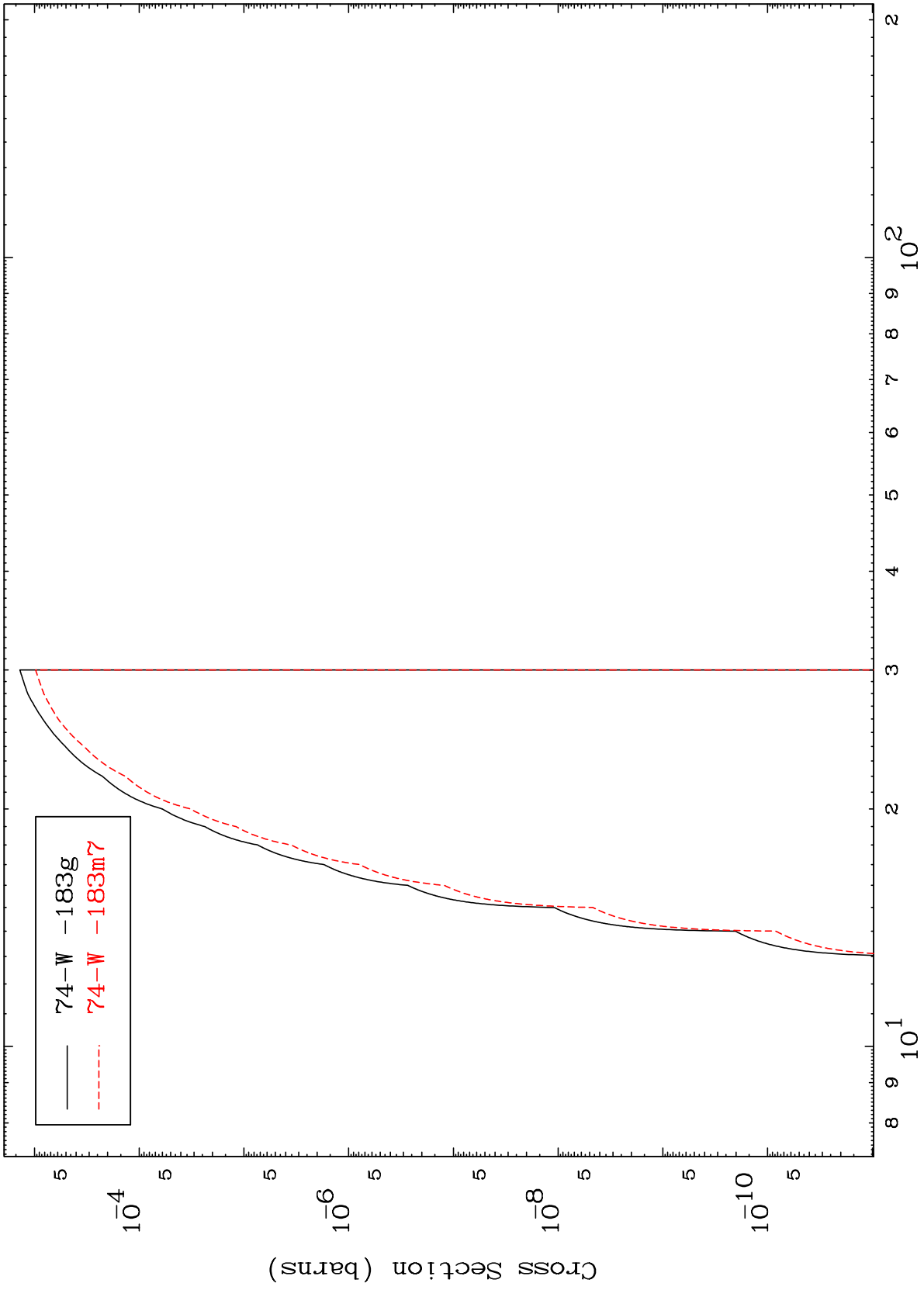
Incident Energy (MeV)

$^{73}\text{Ta-180}$

MAT 7325

73-Ta-180

Radionuclide Production Cross Section



74-W -183g
74-W -183m7

15

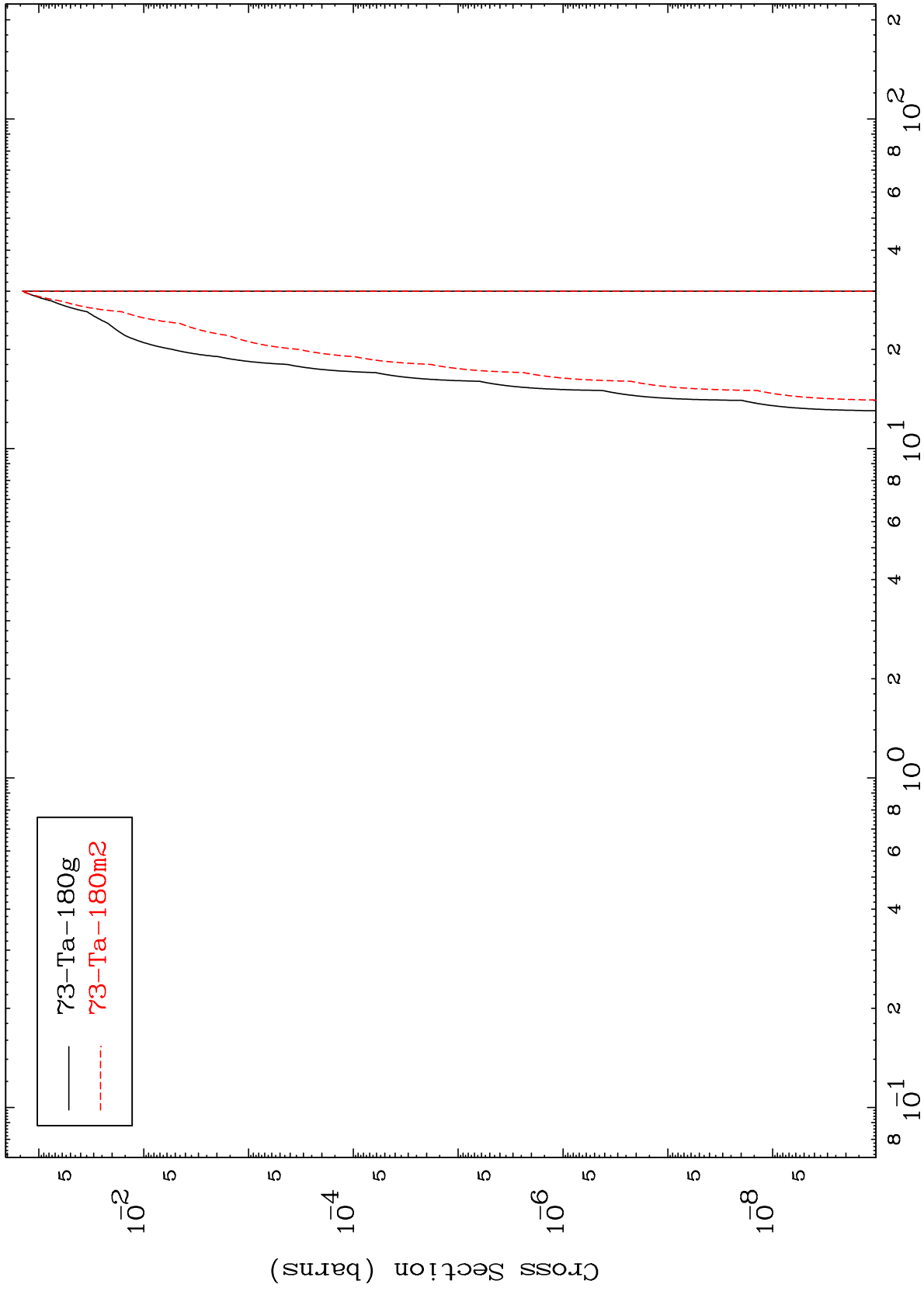
73-Ta-180

MAT 7325

(α, α)

⁷³Ta-180

Radionuclide Production Cross Section



16

Incident Energy (MeV)

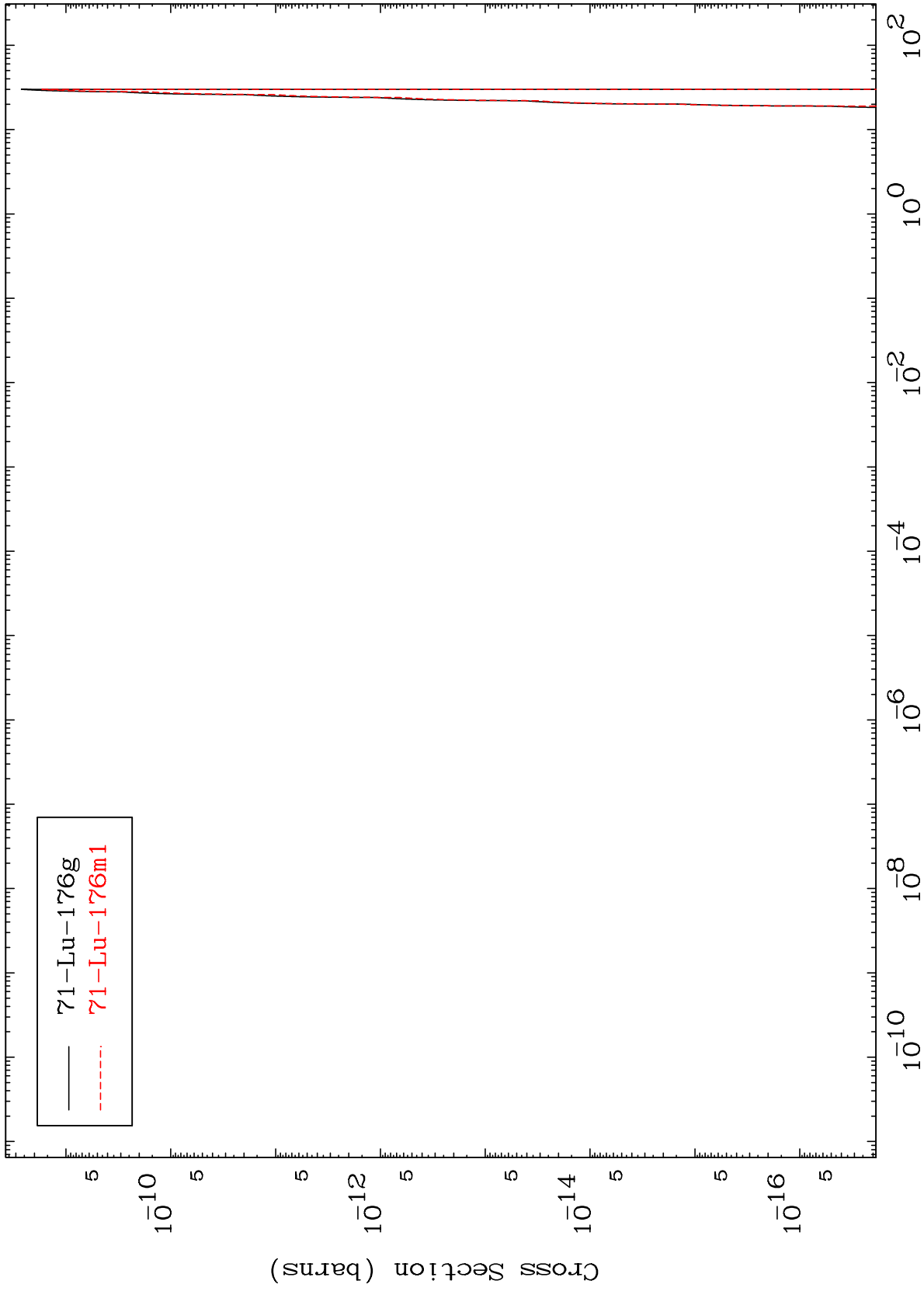
⁷³Ta-180

MAT 7325

($\alpha, 2\alpha$)

73-Ta-180

Radionuclide Production Cross Section



17

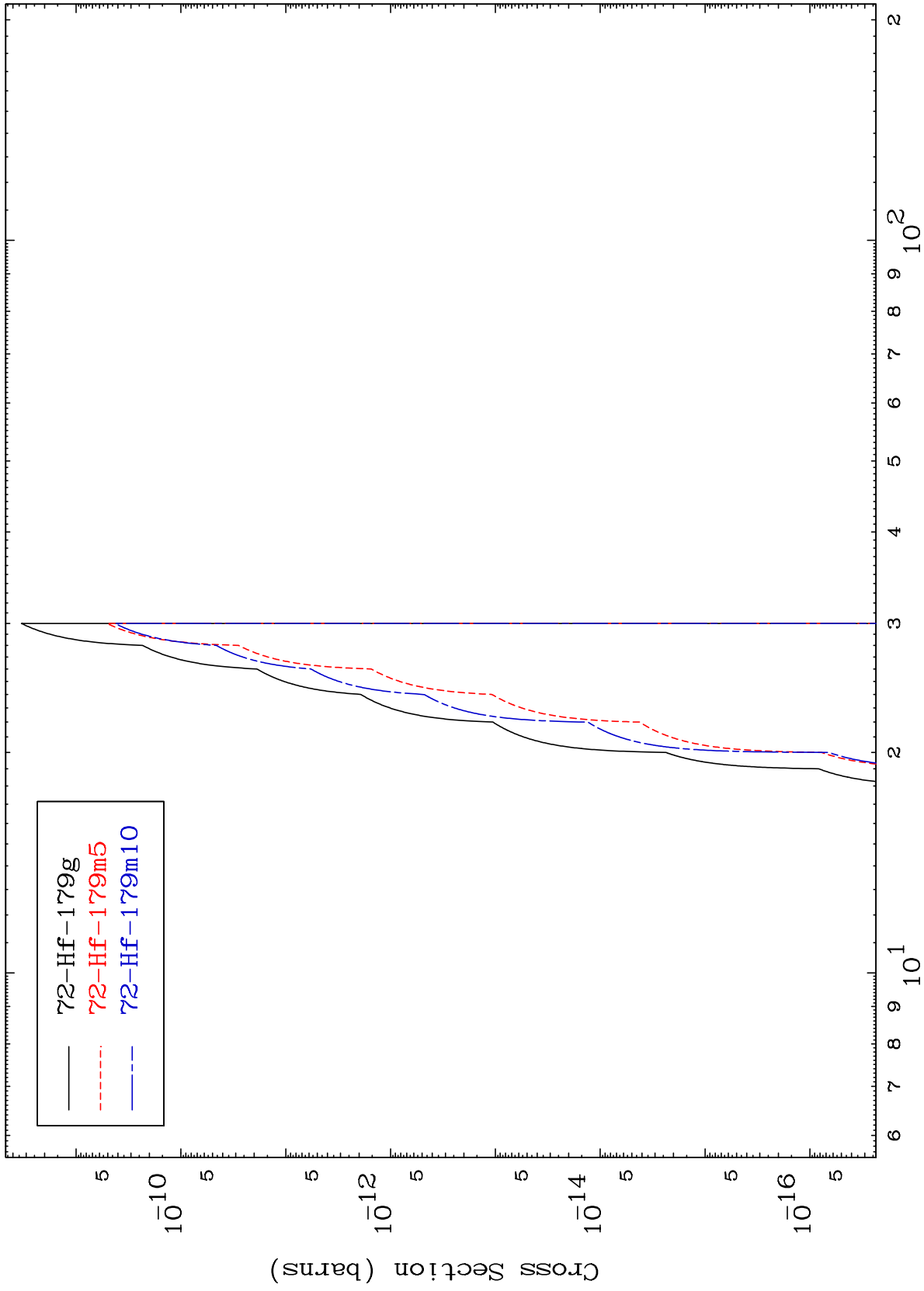
Incident Energy (MeV)

73-Ta-180

MAT 7325

$^{73}\text{Ta-180}$

(α, p) α
Radionuclide Production Cross Section



18

Incident Energy (MeV)

$^{73}\text{Ta-180}$