

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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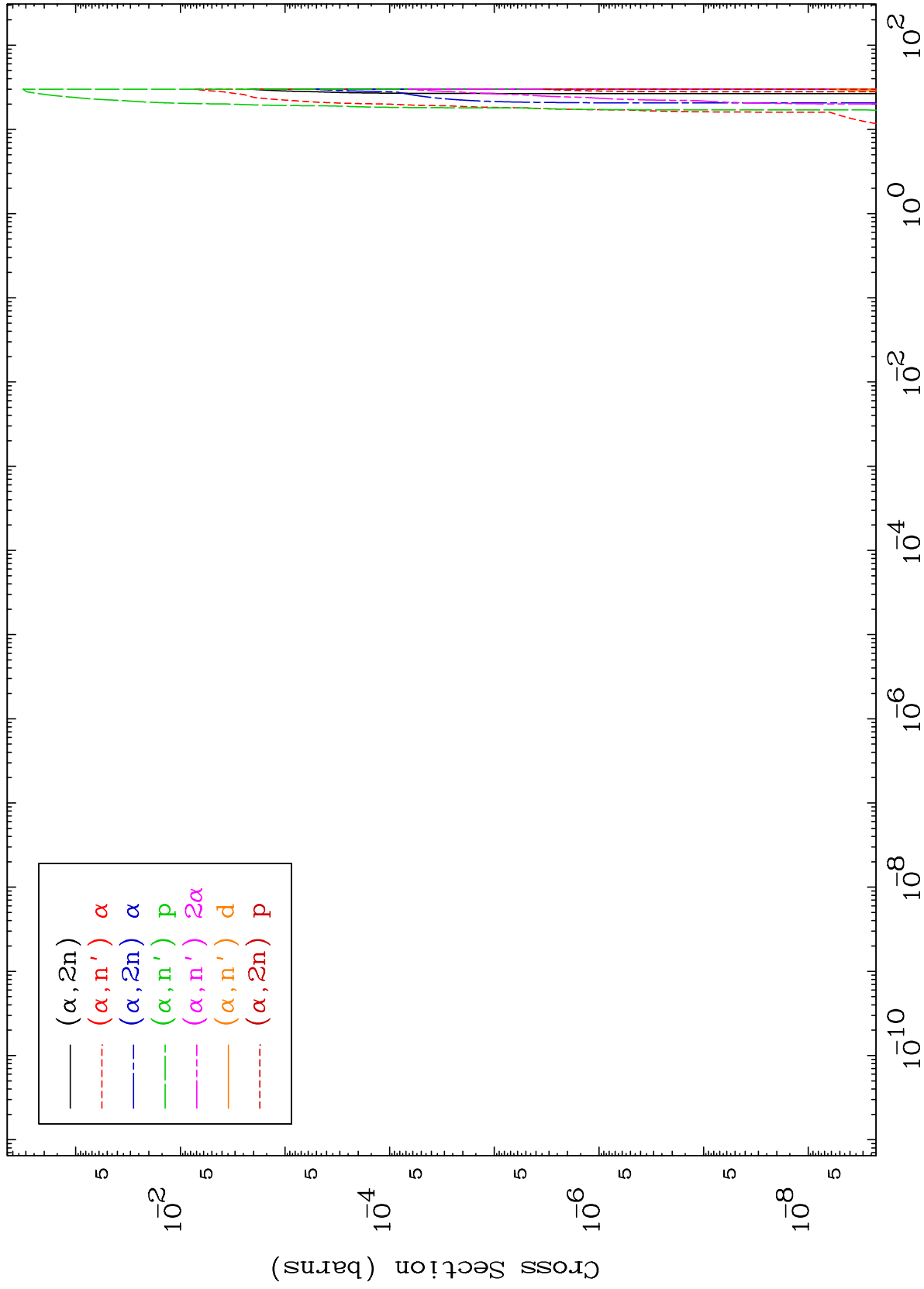
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7271

α Neutron Production
0 Kelvin Cross Sections

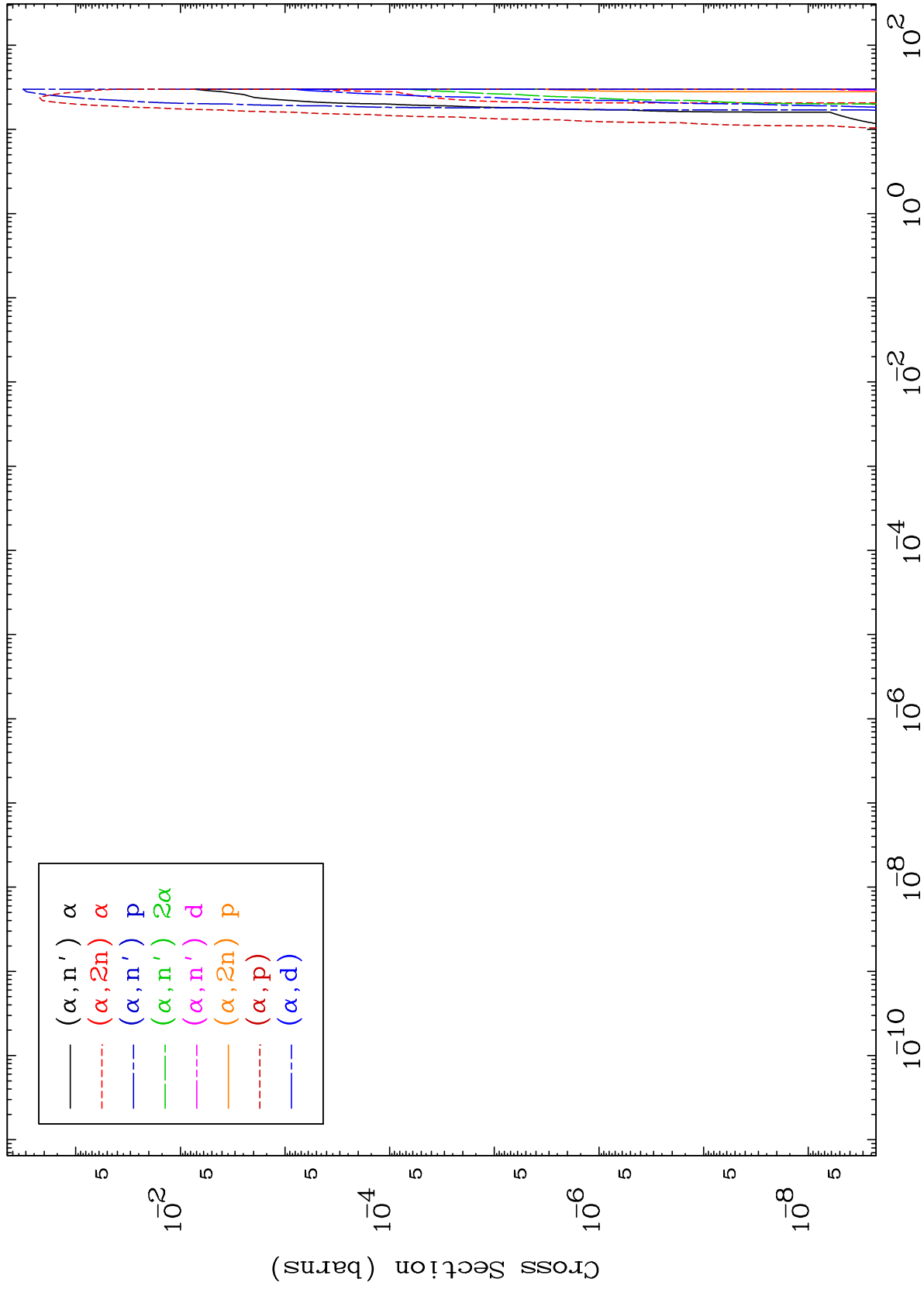
⁷³Ta-162



2

Incident Energy (MeV)

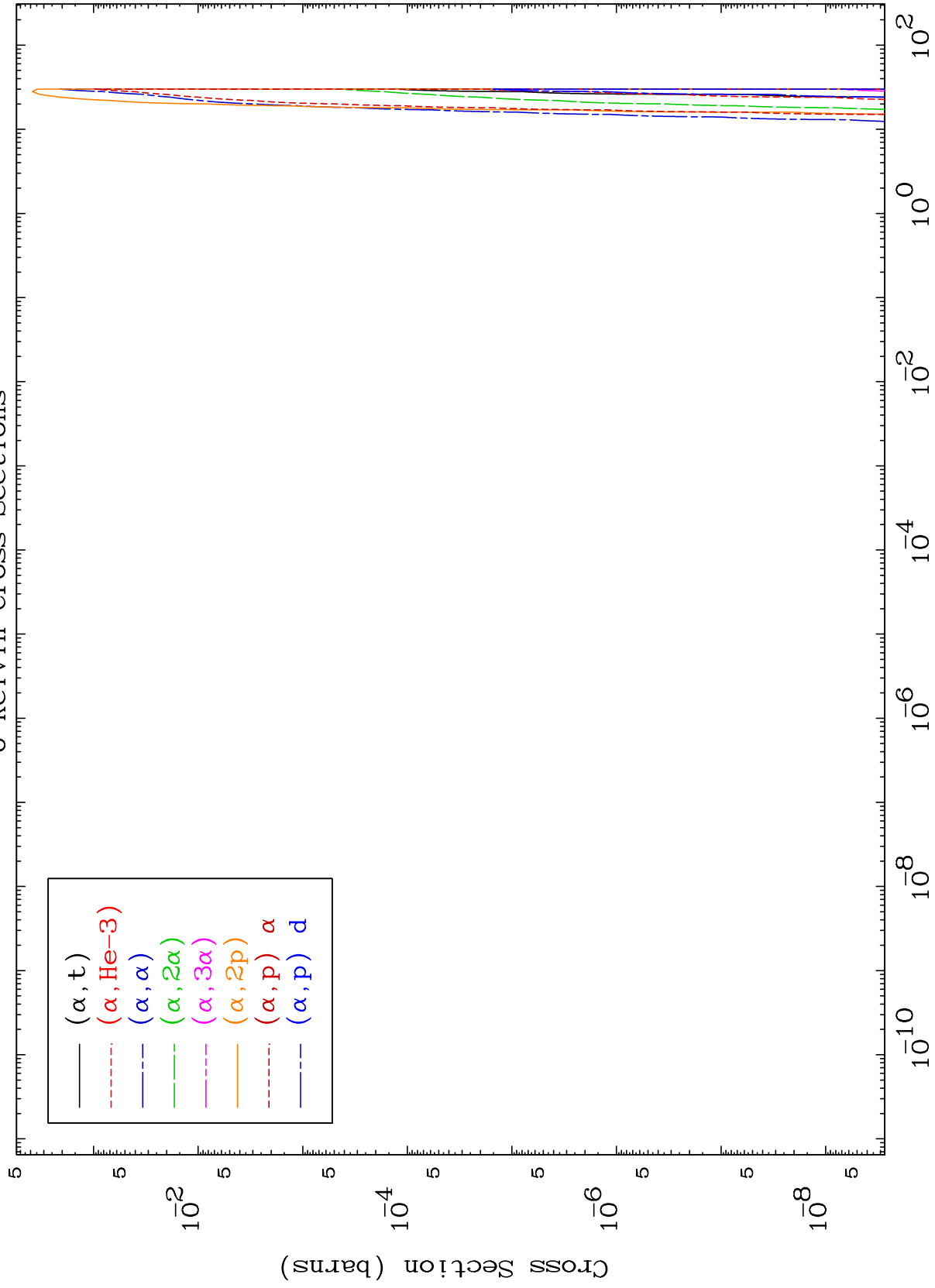
⁷³Ta-162



MAT 7271

α Charged Particle
0 Kelvin Cross Sections

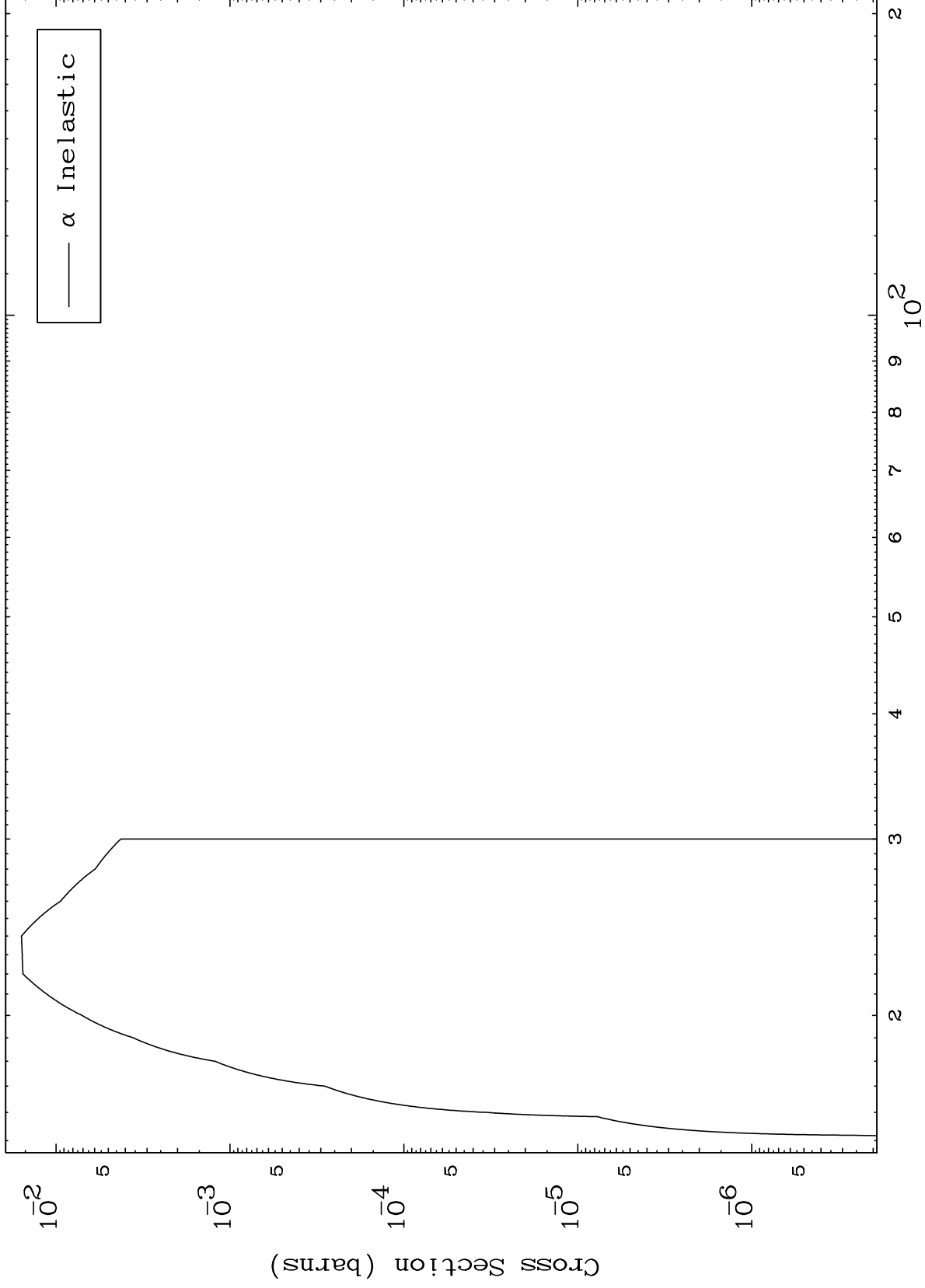
73-Ta-162



MAT 7271

(α, n') Level
0 Kelvin Cross Sections

73-Ta-162



5

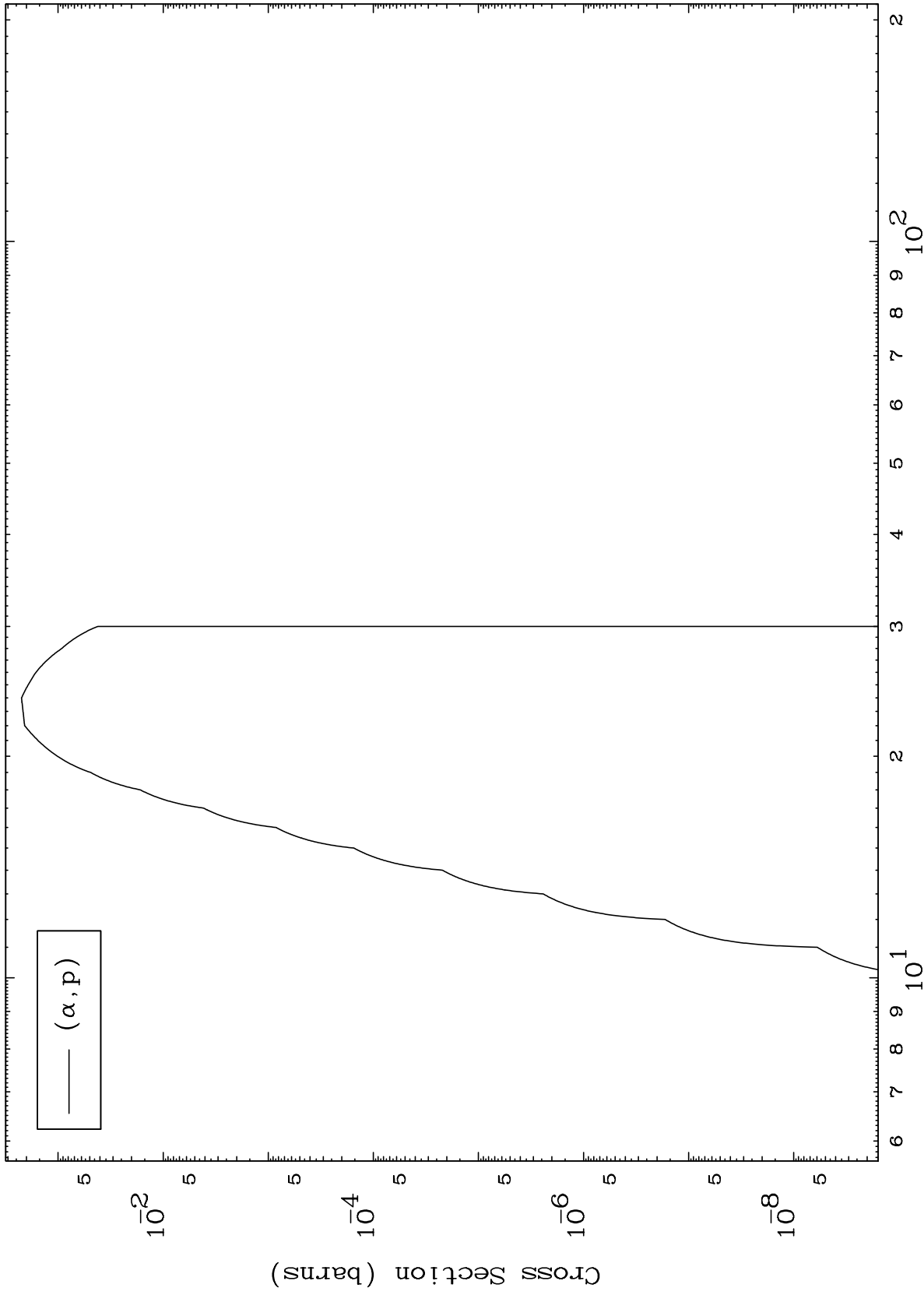
Incident Energy (MeV)

73-Ta-162

MAT 7271

(α, p) Levels
0 Kelvin Cross Sections

73-Ta-162



6

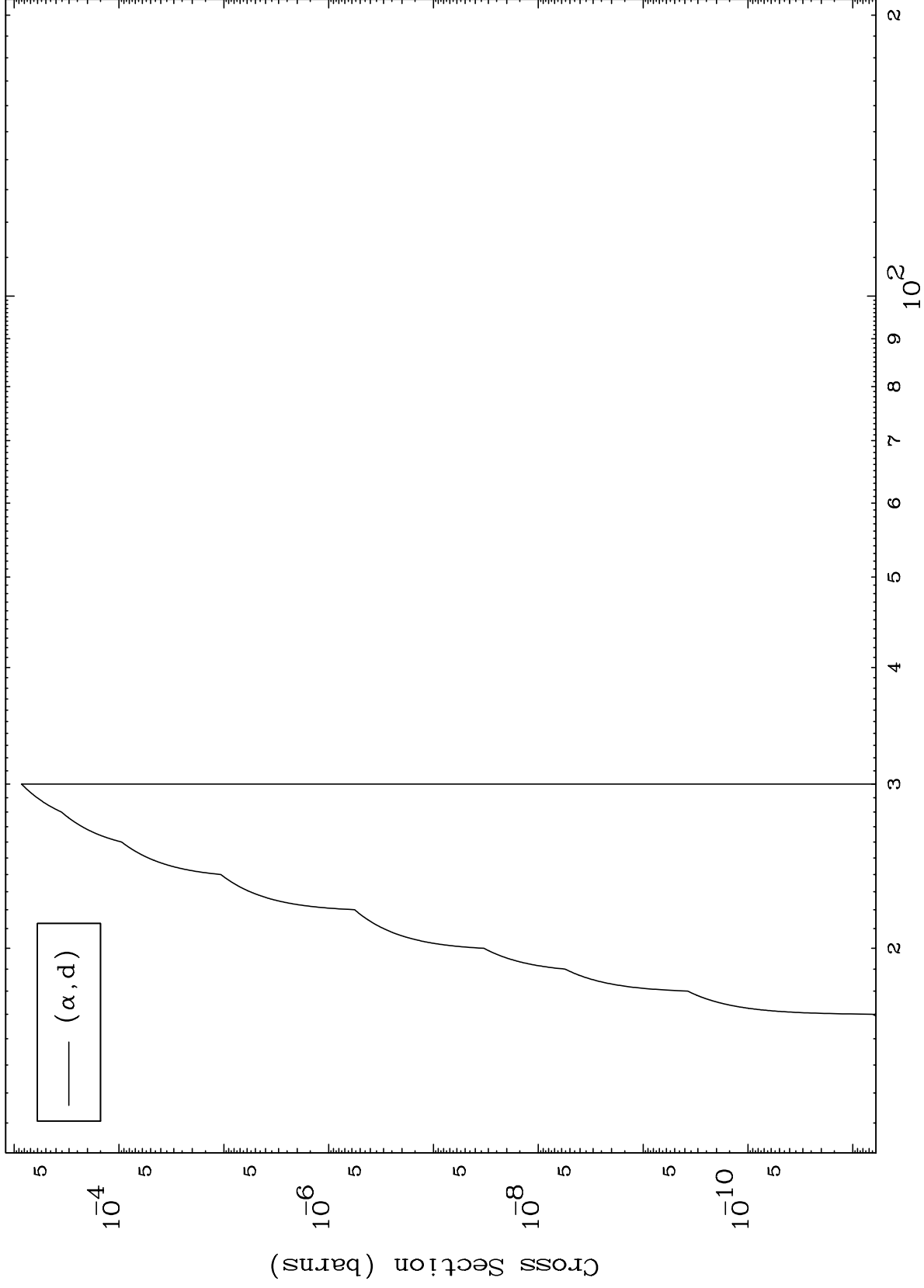
Incident Energy (MeV)

73-Ta-162

MAT 7271

(α, d) Levels
0 Kelvin Cross Sections

73-Ta-162



7

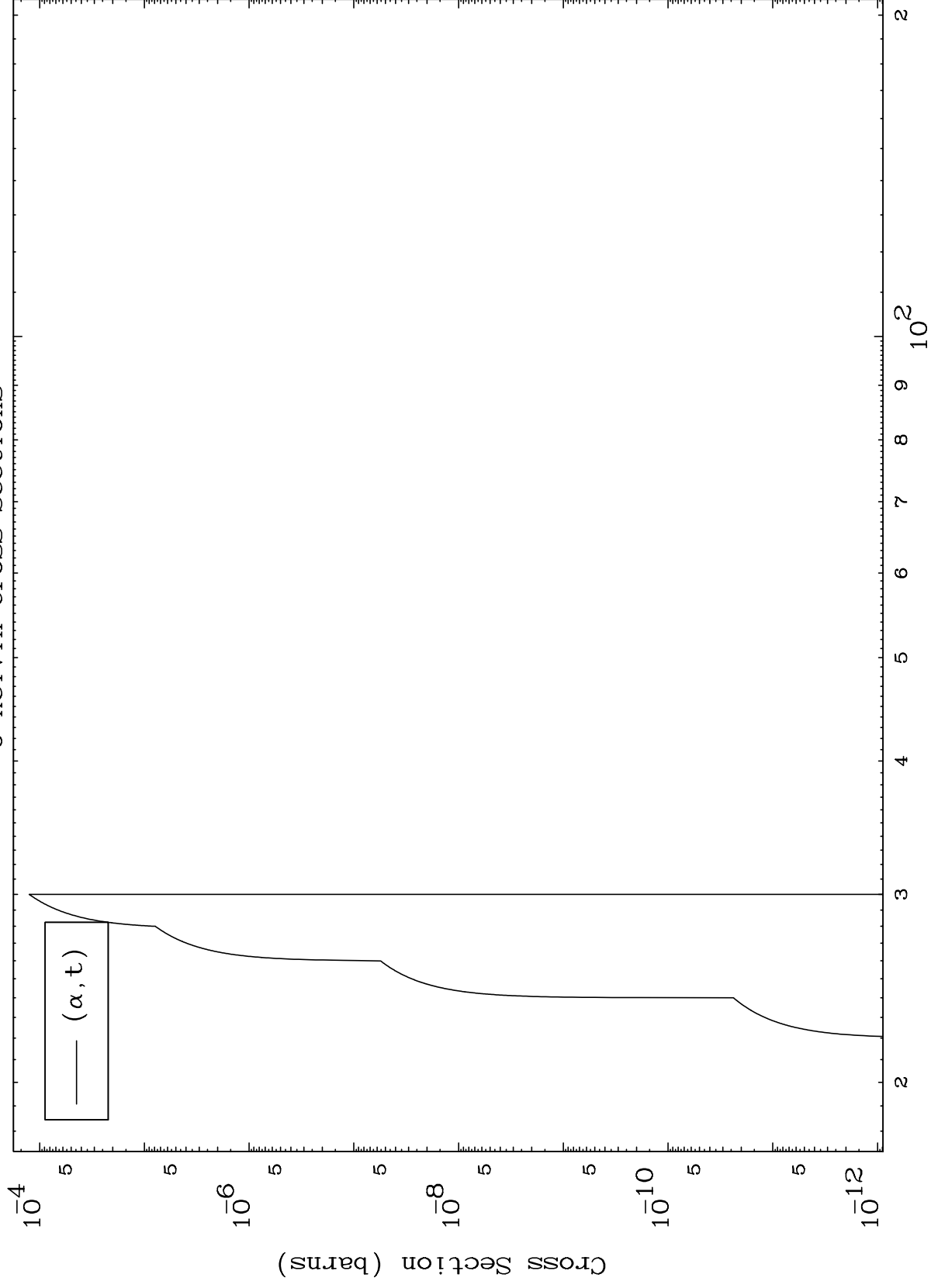
Incident Energy (MeV)

73-Ta-162

MAT 7271

(α, t) Levels
0 Kelvin Cross Sections

73-Ta-162



8

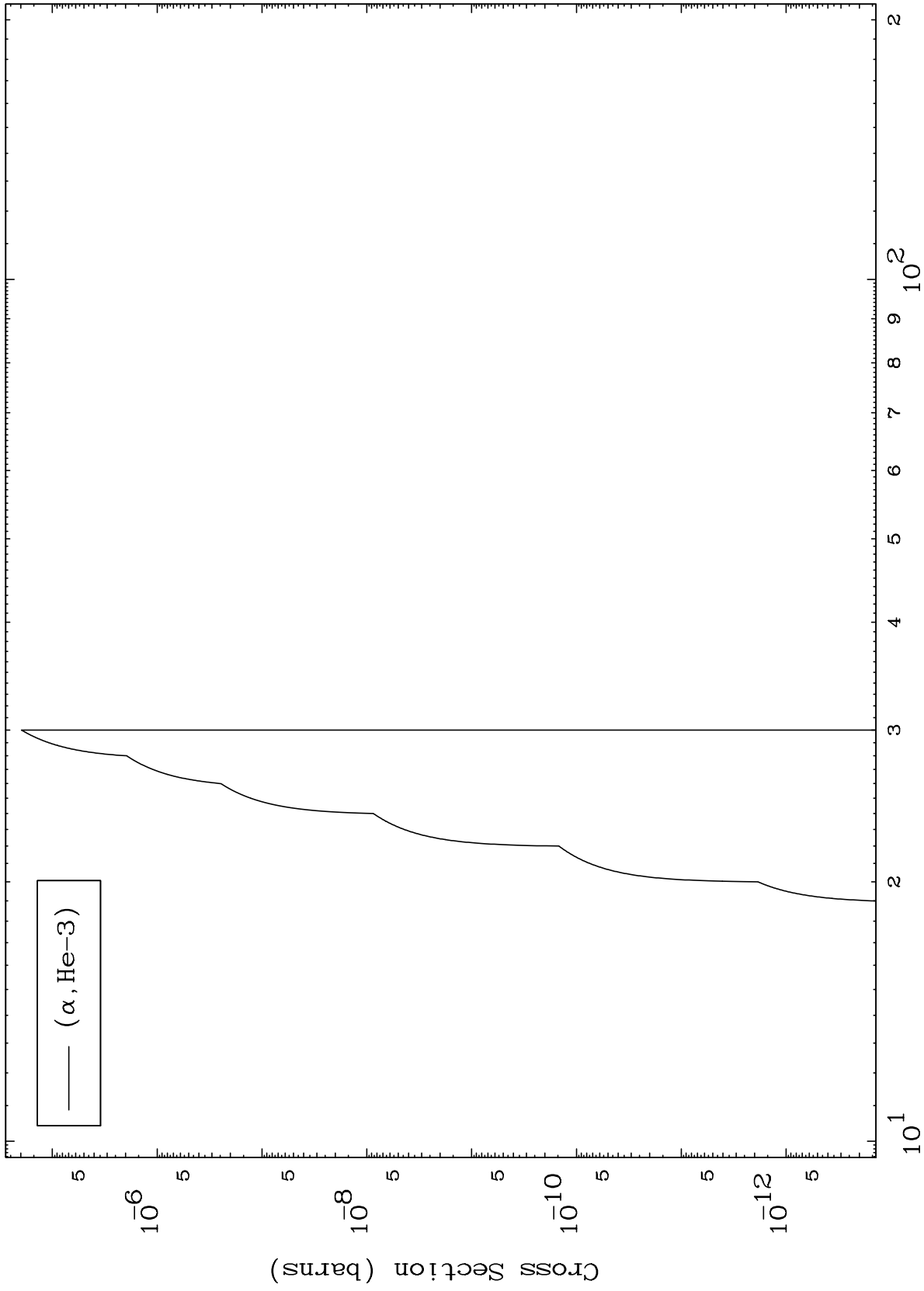
Incident Energy (MeV)

73-Ta-162

MAT 7271

(α ,He3) Levels
0 Kelvin Cross Sections

73-Ta-162



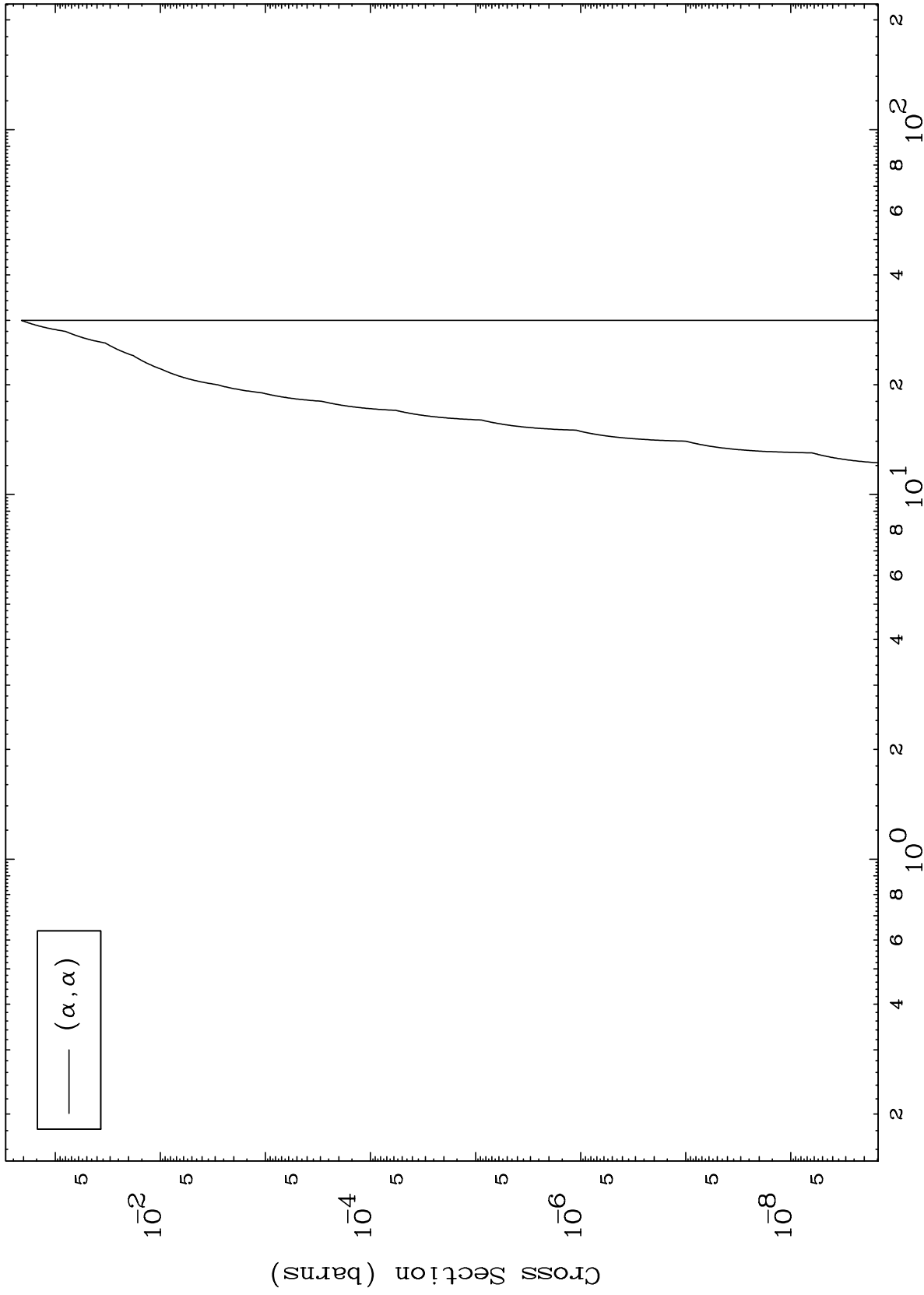
Incident Energy (MeV)

73-Ta-162

MAT 7271

(α, α) Levels
0 Kelvin Cross Sections

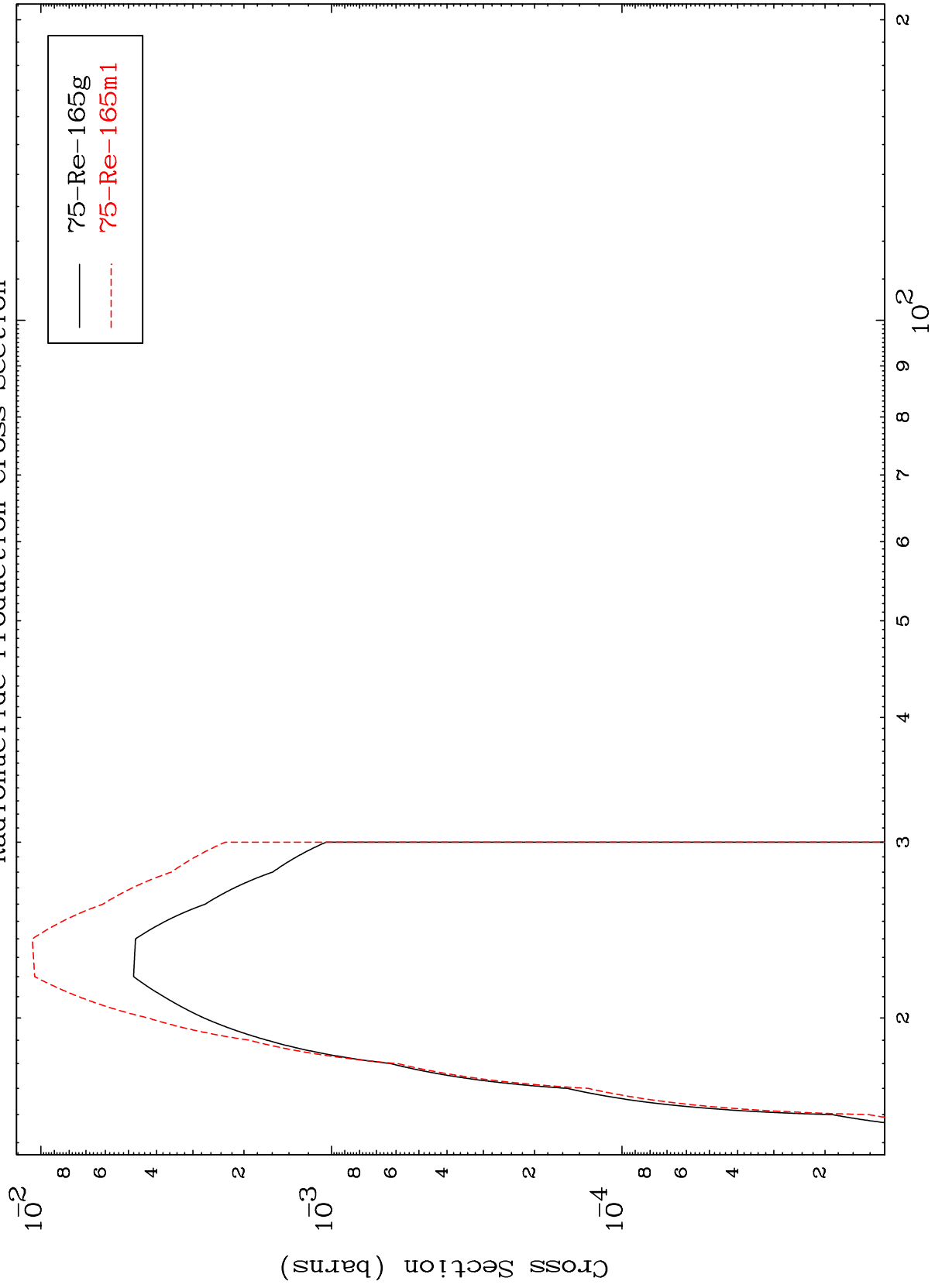
73-Ta-162



10

Incident Energy (MeV)

73-Ta-162

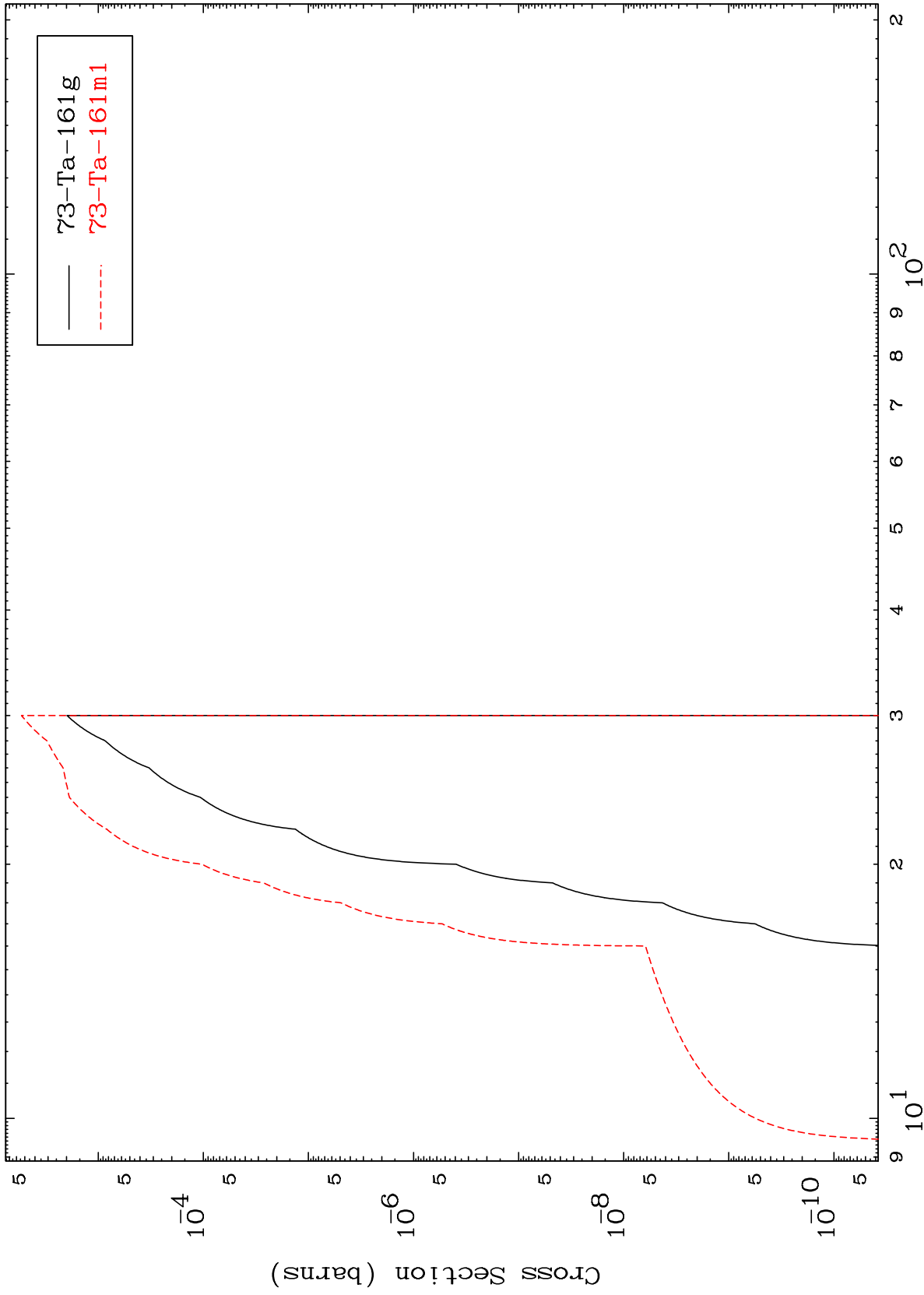


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(α, n') α

$^{73}\text{Ta-162}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

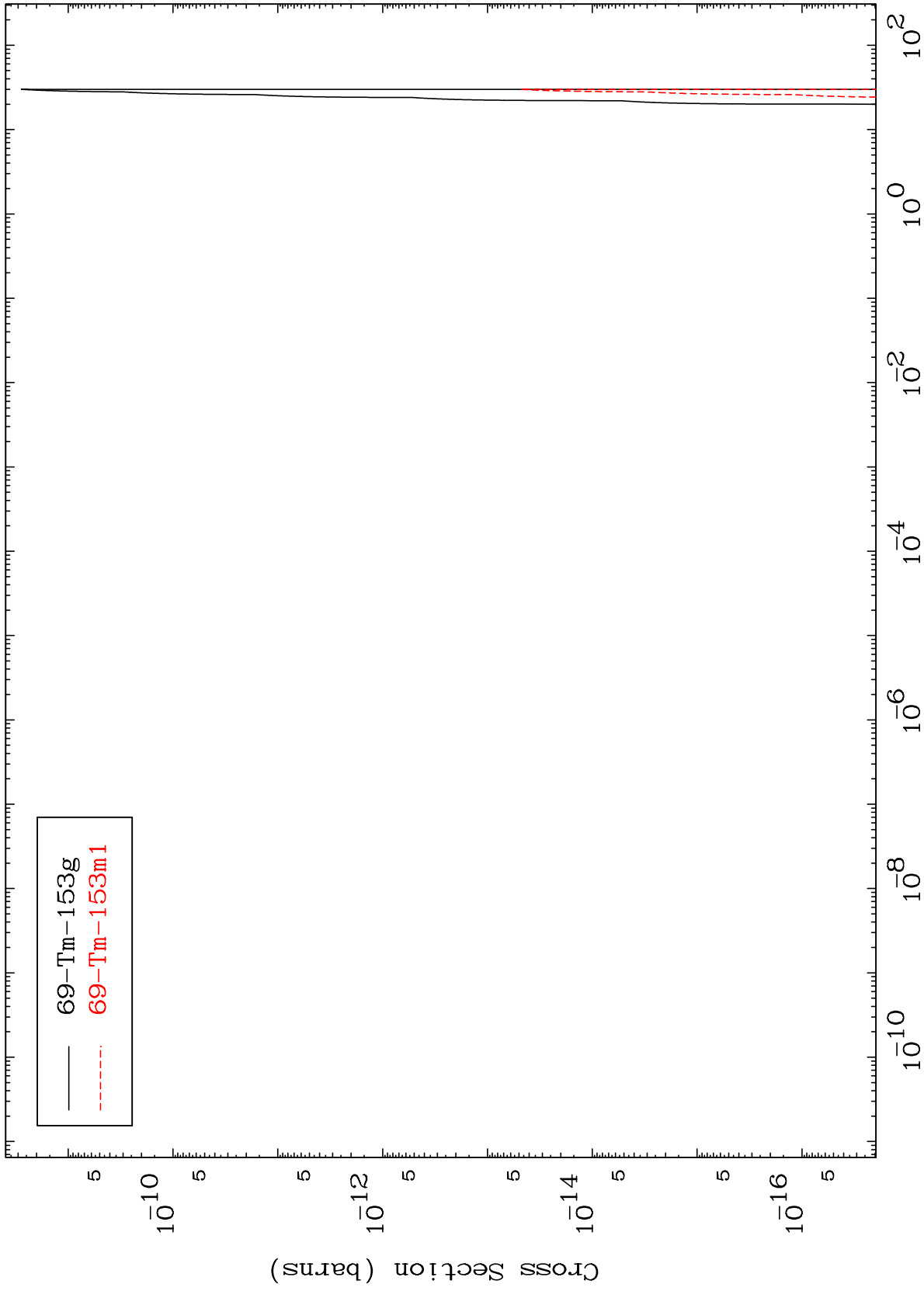
$^{73}\text{Ta-162}$

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(α, n') 3α

$^{73}\text{Ta}-162$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

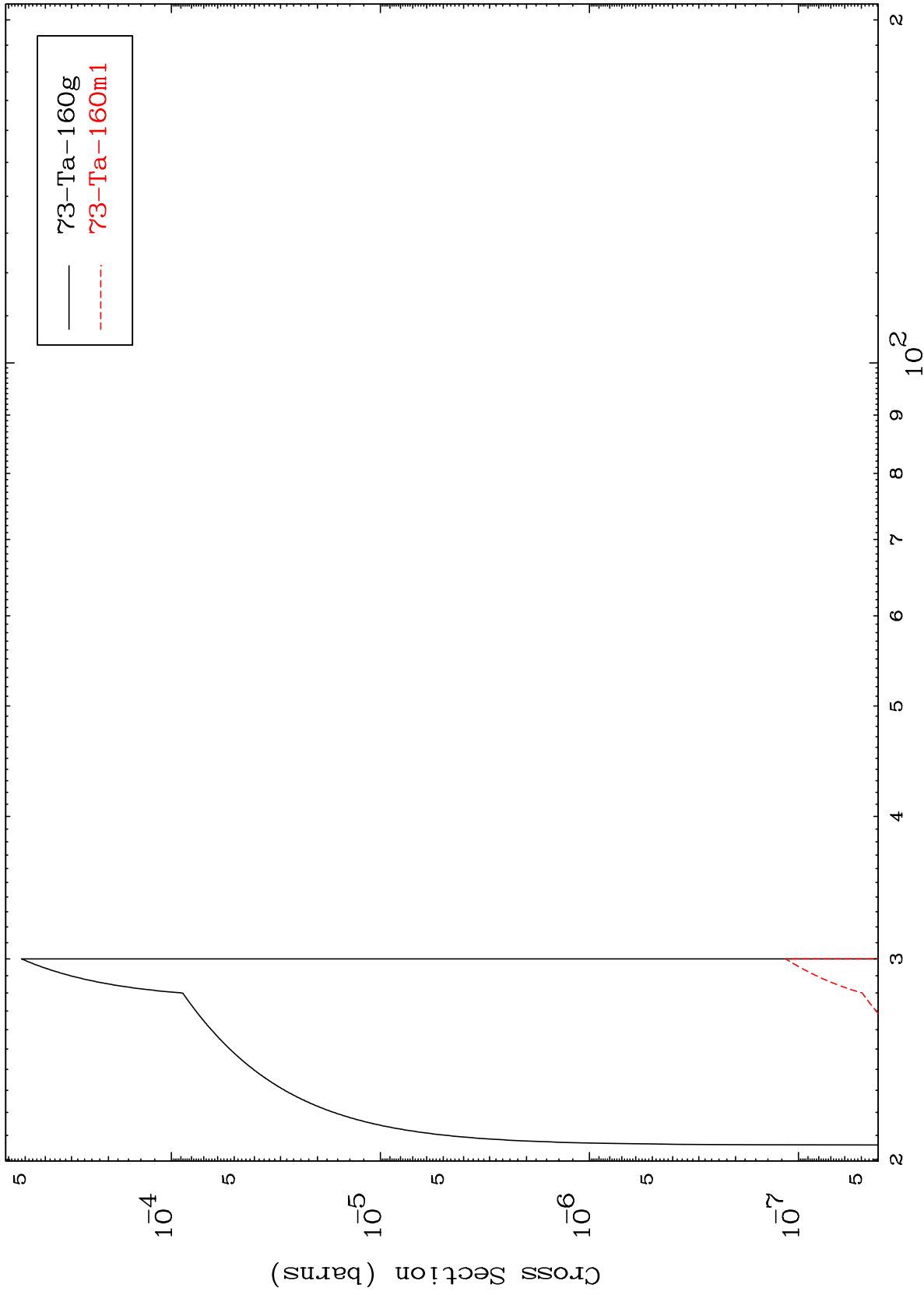
$^{73}\text{Ta}-162$

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$(\alpha, 2n) \alpha$

$^{73}\text{Ta-162}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

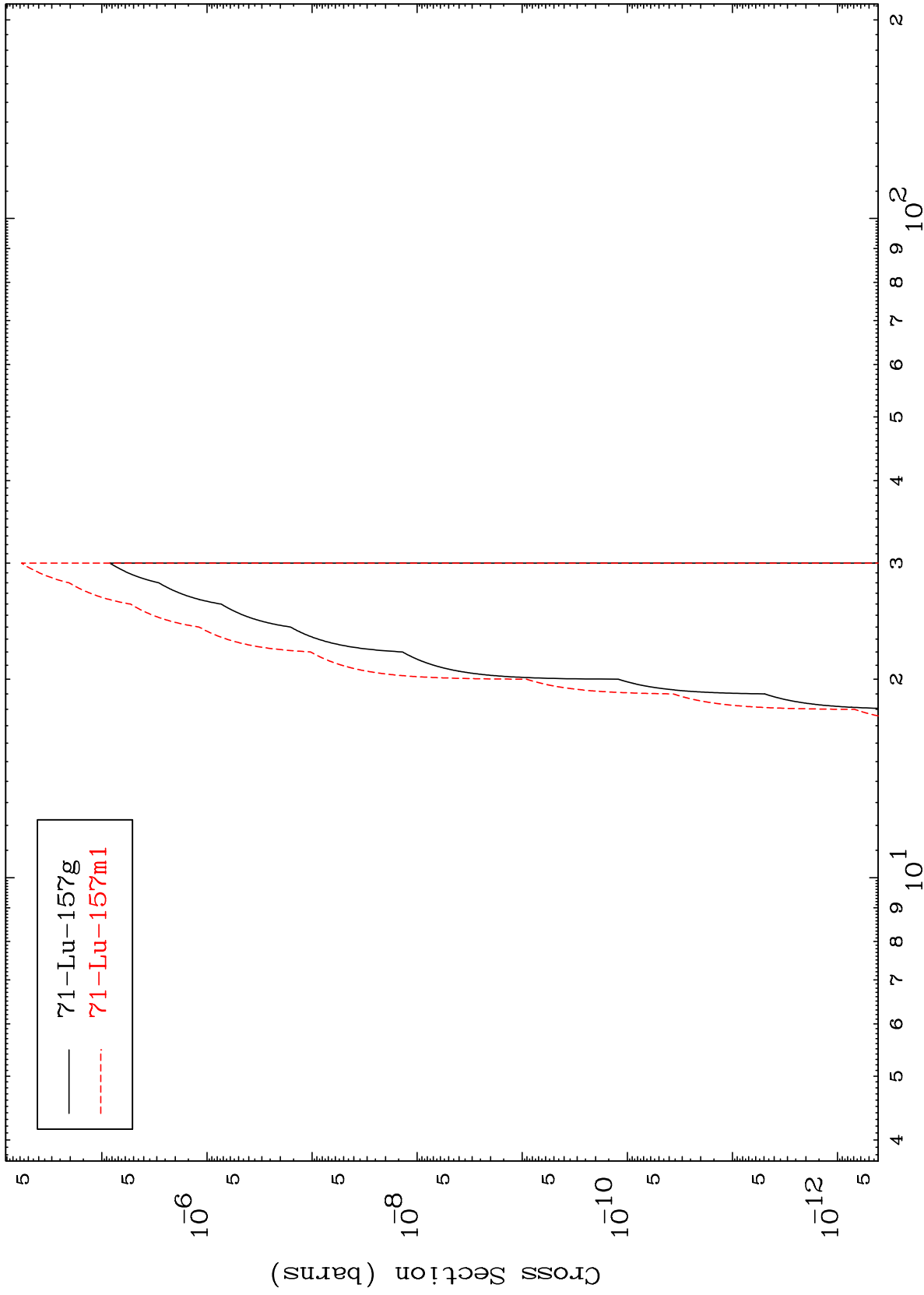
$^{73}\text{Ta-162}$

MAT 7271

(α, n') 2α

$^{73}\text{Ta-162}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

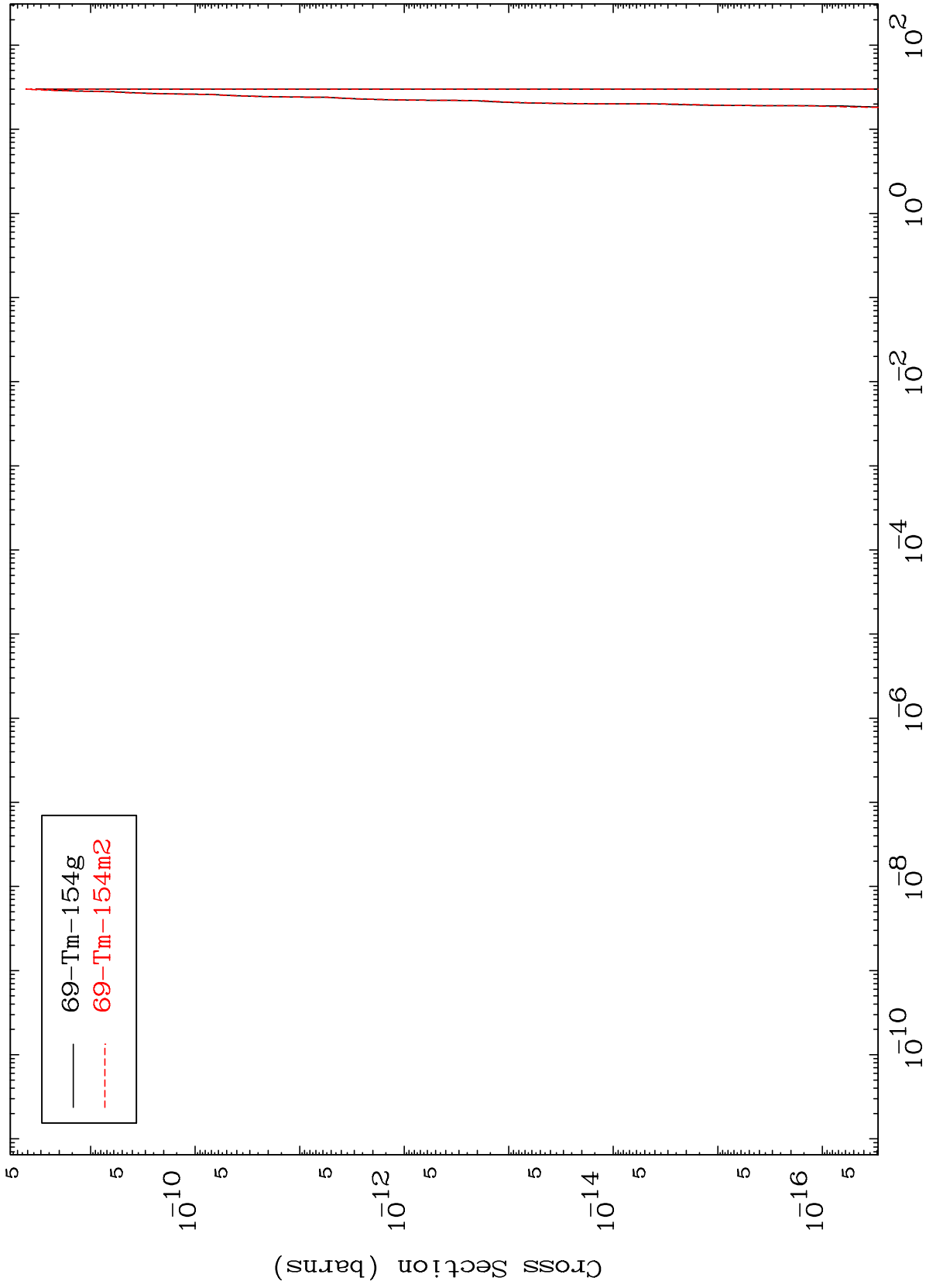
$^{73}\text{Ta-162}$

MAT 7271

($\alpha, 3\alpha$)

⁷³Ta-162

Radionuclide Production Cross Section



16

Incident Energy (MeV)

⁷³Ta-162