

Program EVALPLOT
(Version 2018-1)

by

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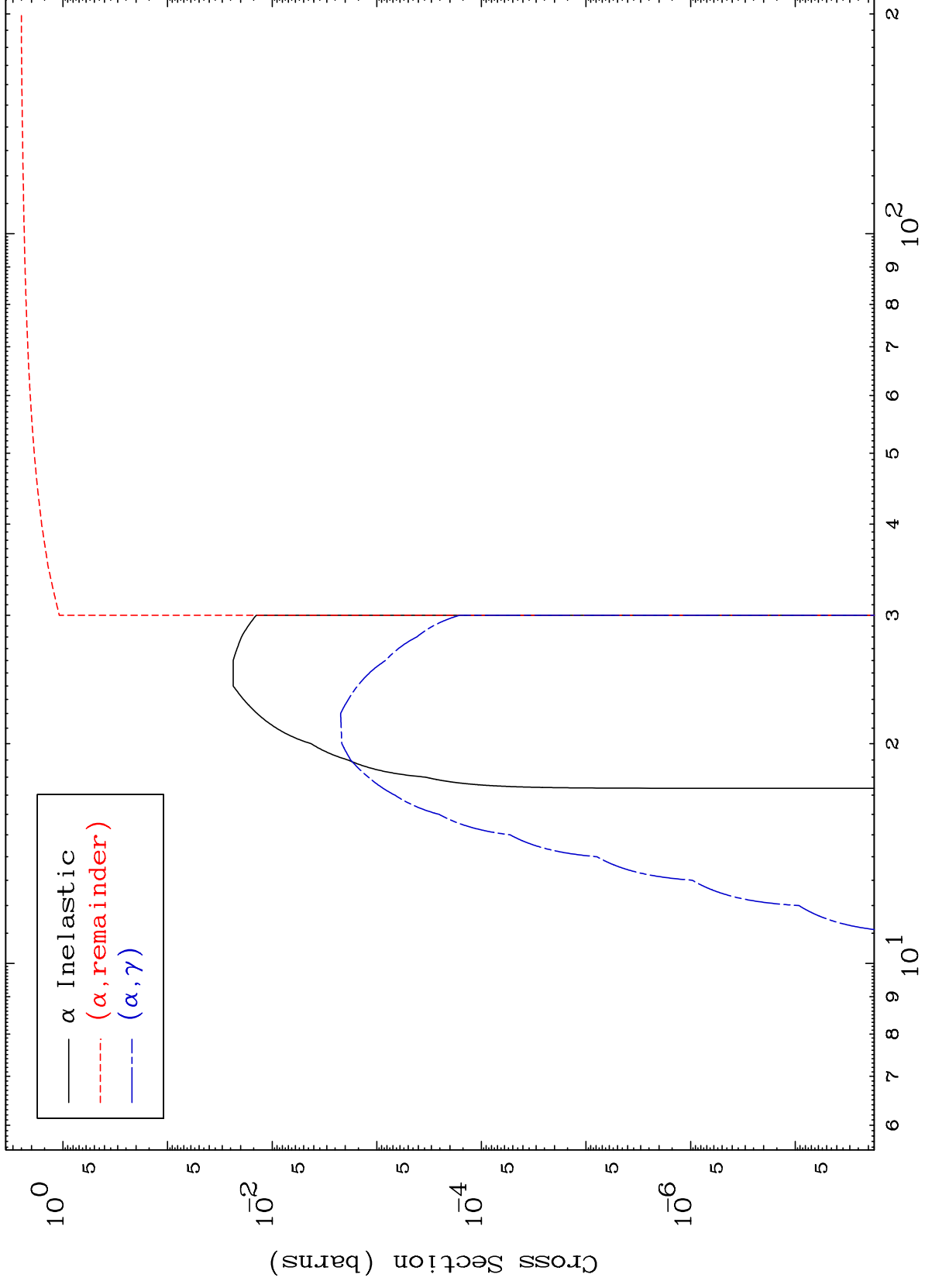
Press Mouse Button to Start

MAT 7268

0 Kelvin

α Major Cross Sections

⁷³Ta-161



1

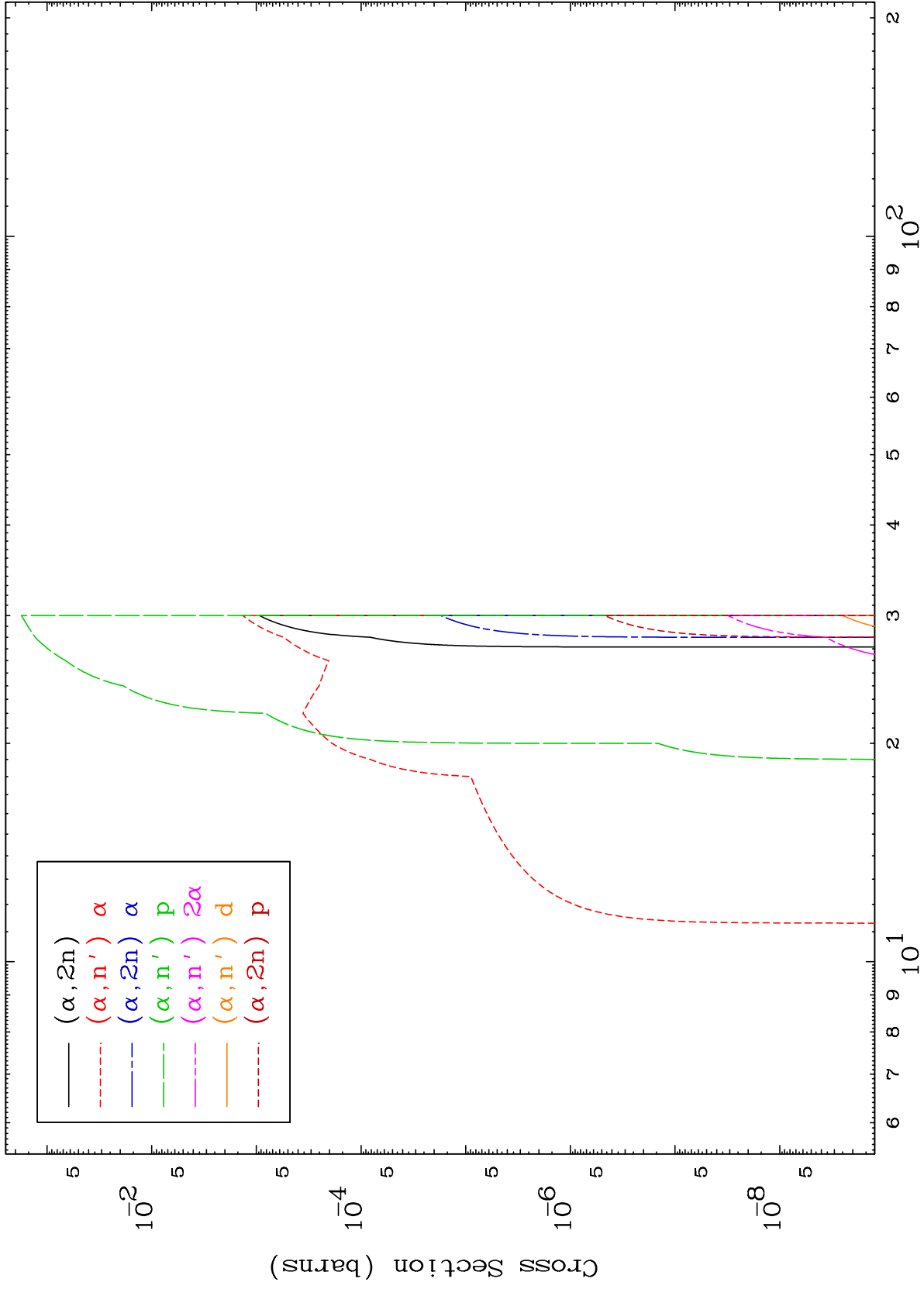
Incident Energy (MeV)

⁷³Ta-161

MAT 7268

α Neutron Production
0 Kelvin Cross Sections

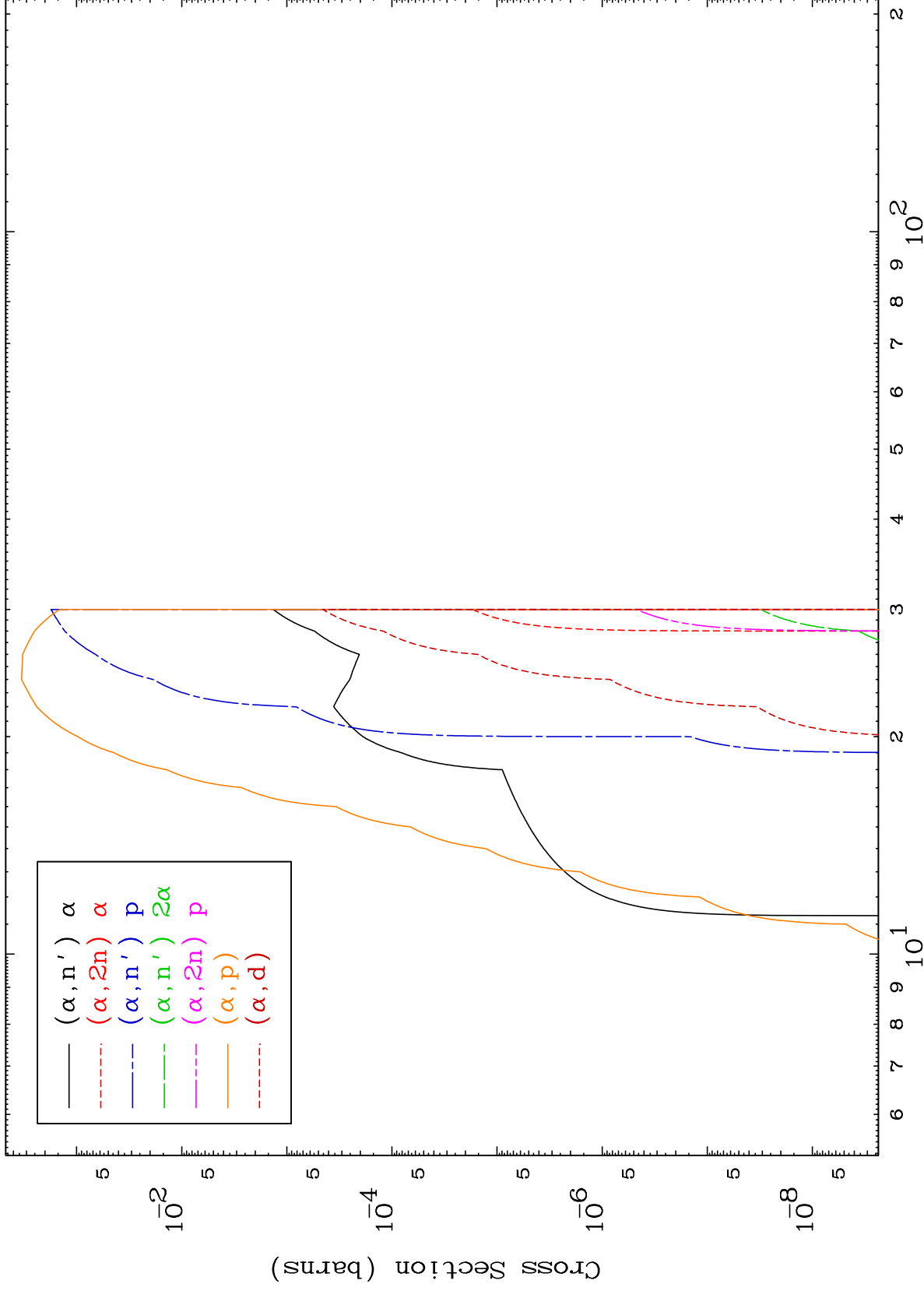
73-Ta-161



2

Incident Energy (MeV)

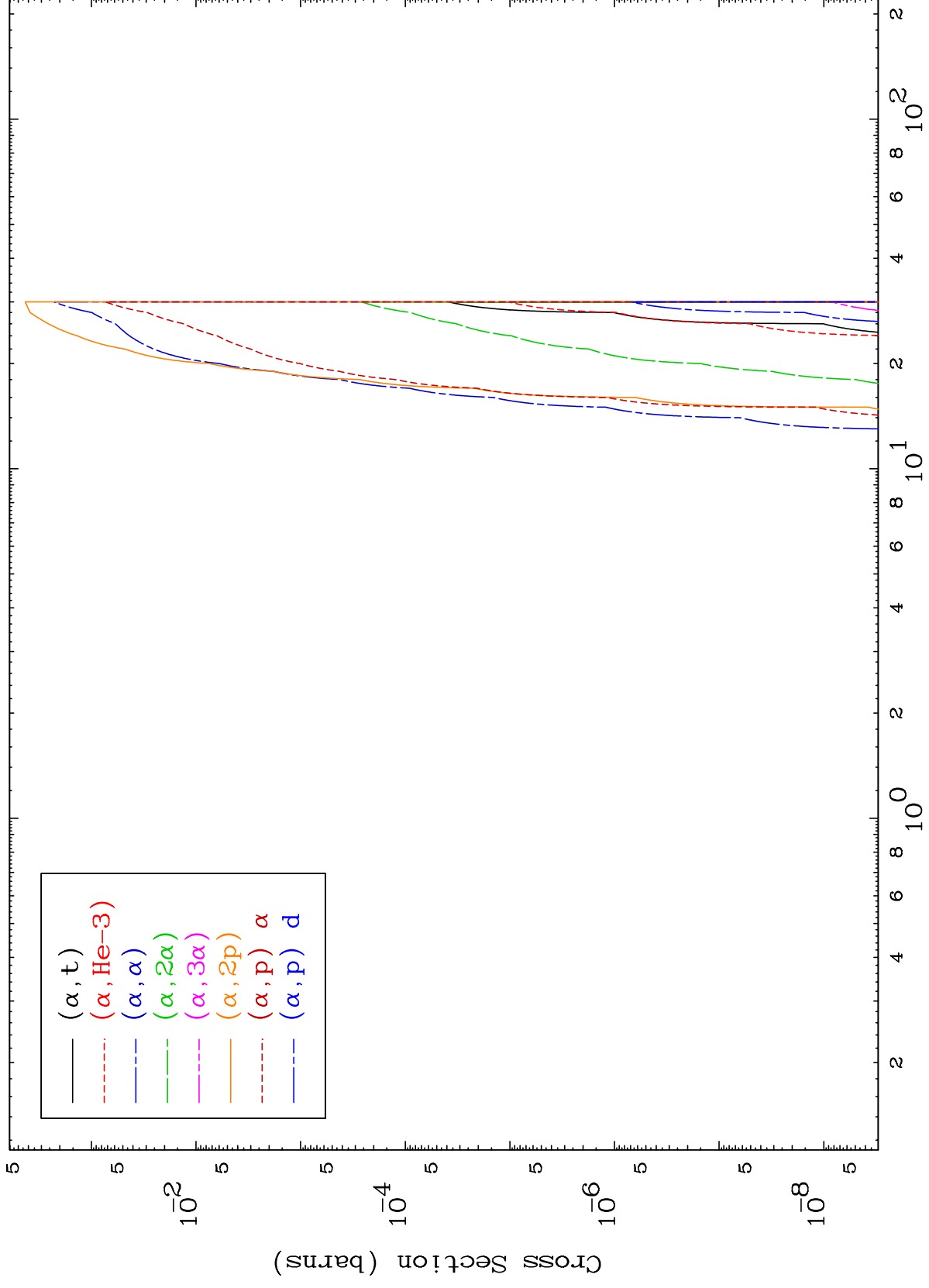
73-Ta-161



MAT 7268

α Charged Particle
0 Kelvin Cross Sections

73-Ta-161



73-Ta-161

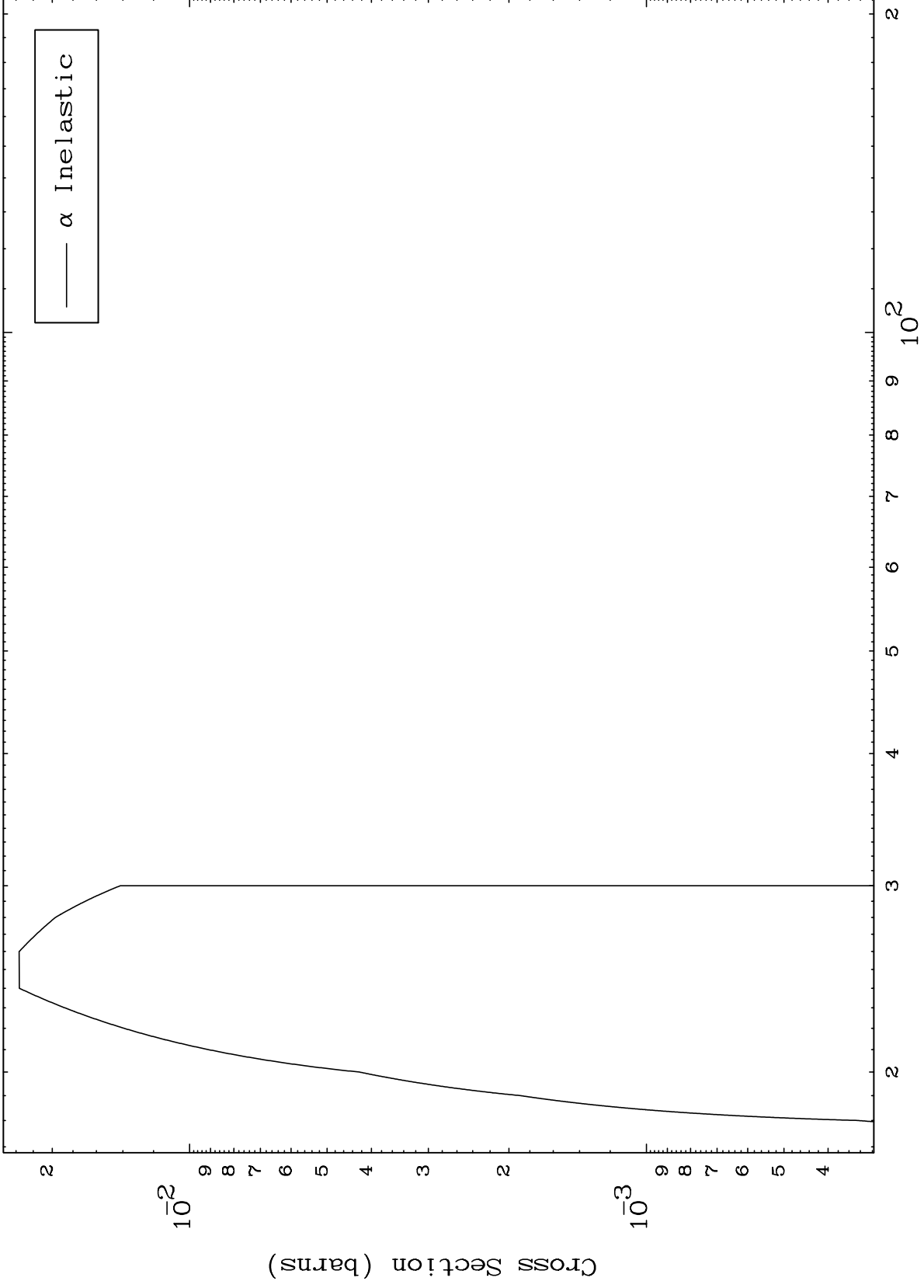
Incident Energy (MeV)

MAT 7268

(α, n') Level

73-Ta-161

0 Kelvin Cross Sections



5

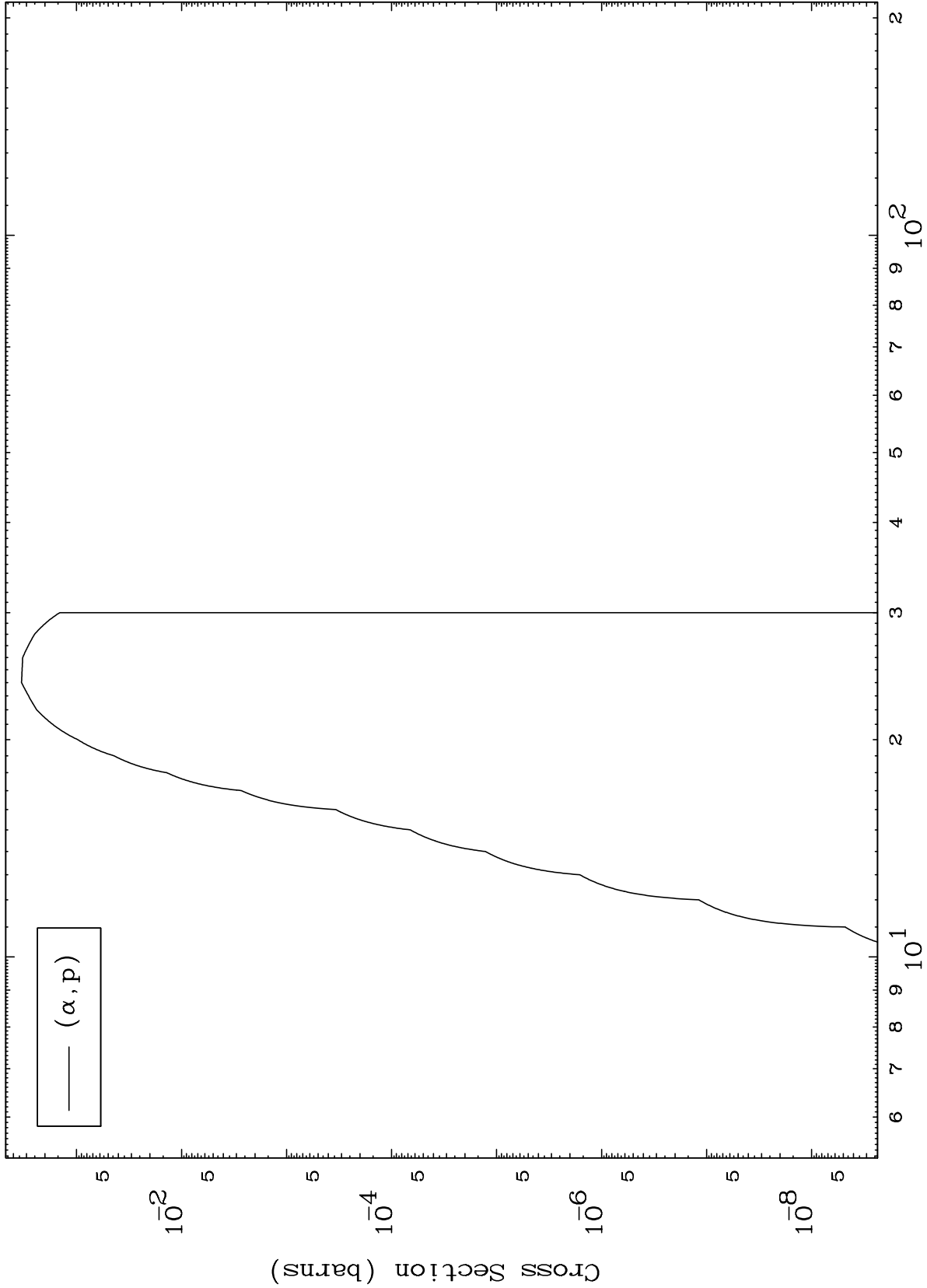
Incident Energy (MeV)

73-Ta-161

MAT 7268

73-Ta-161

(α, p) Levels
0 Kelvin Cross Sections



6

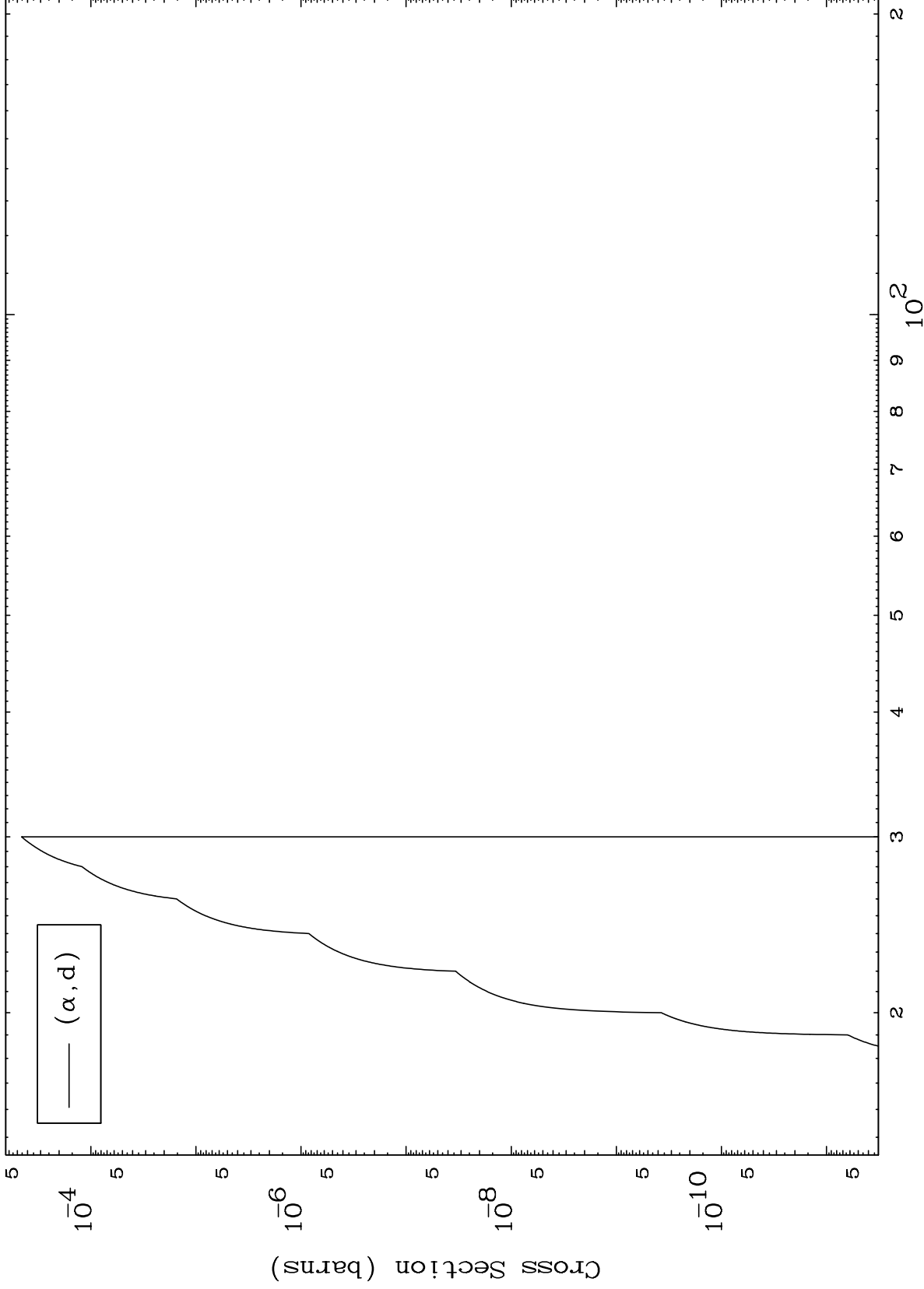
Incident Energy (MeV)

73-Ta-161

MAT 7268

(α, d) Levels
0 Kelvin Cross Sections

$^{73}\text{Ta-161}$



7

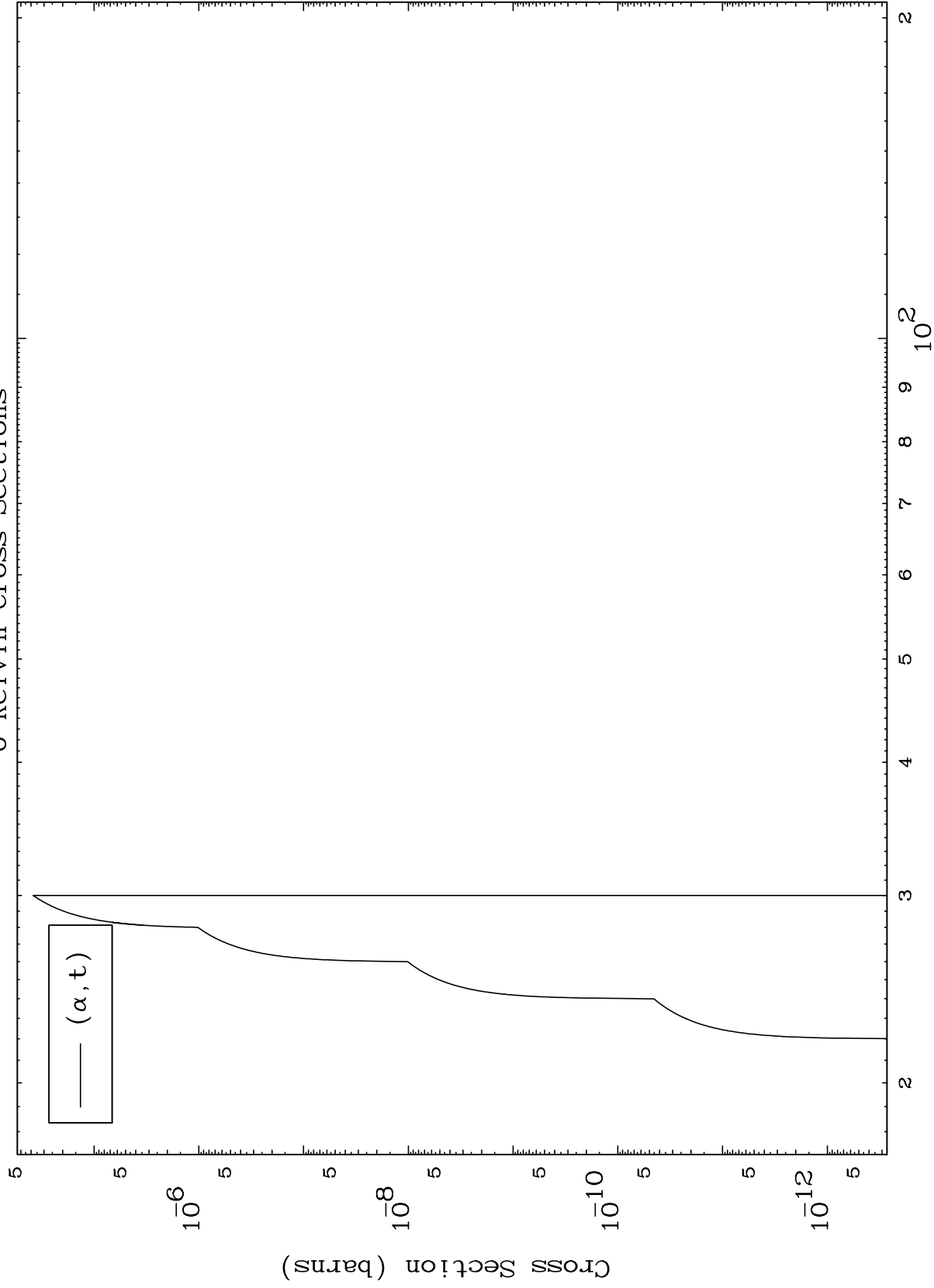
Incident Energy (MeV)

$^{73}\text{Ta-161}$

MAT 7268

73-Ta-161

(α, t) Levels
0 Kelvin Cross Sections

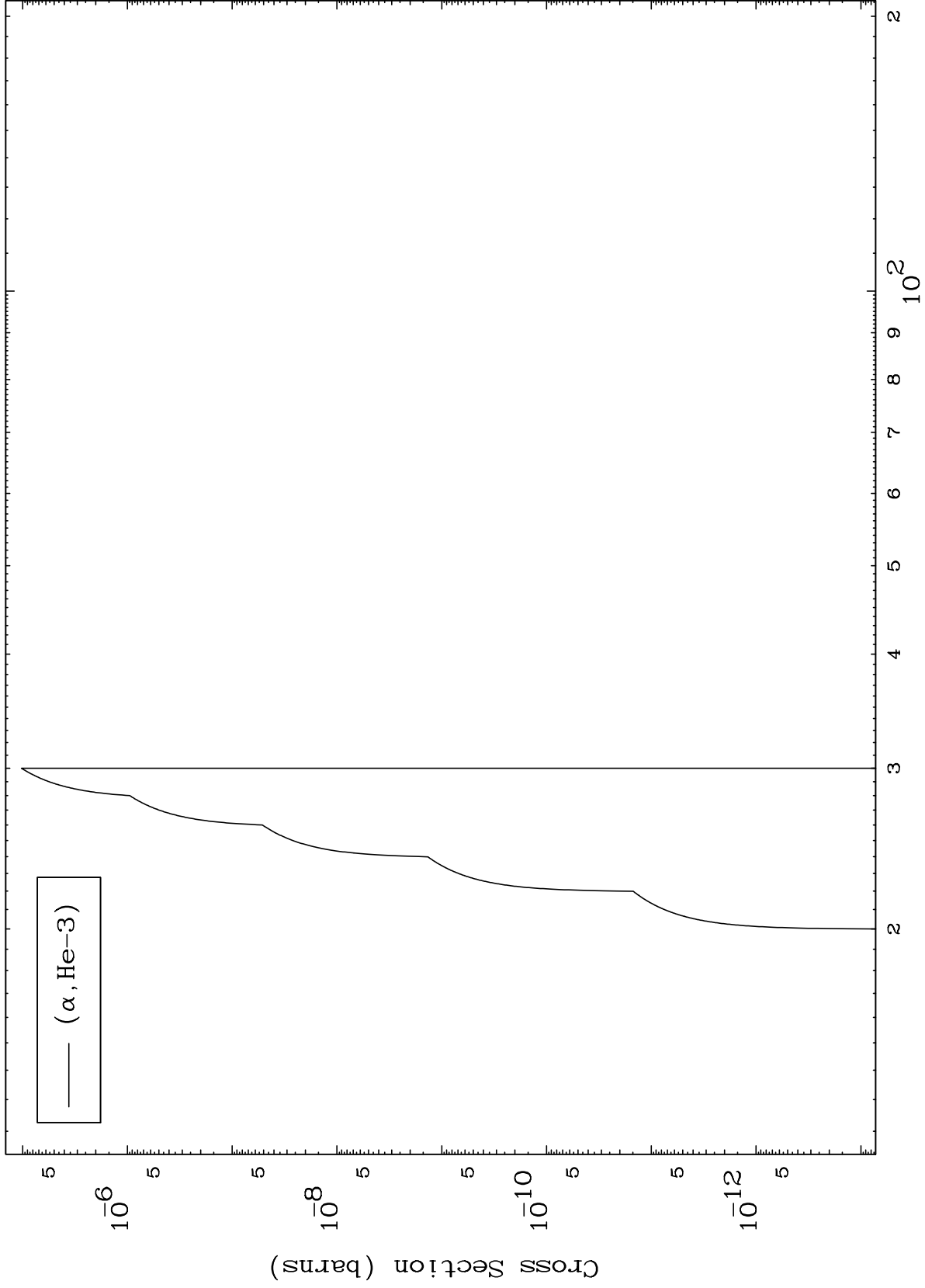


8

Incident Energy (MeV)

73-Ta-161

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

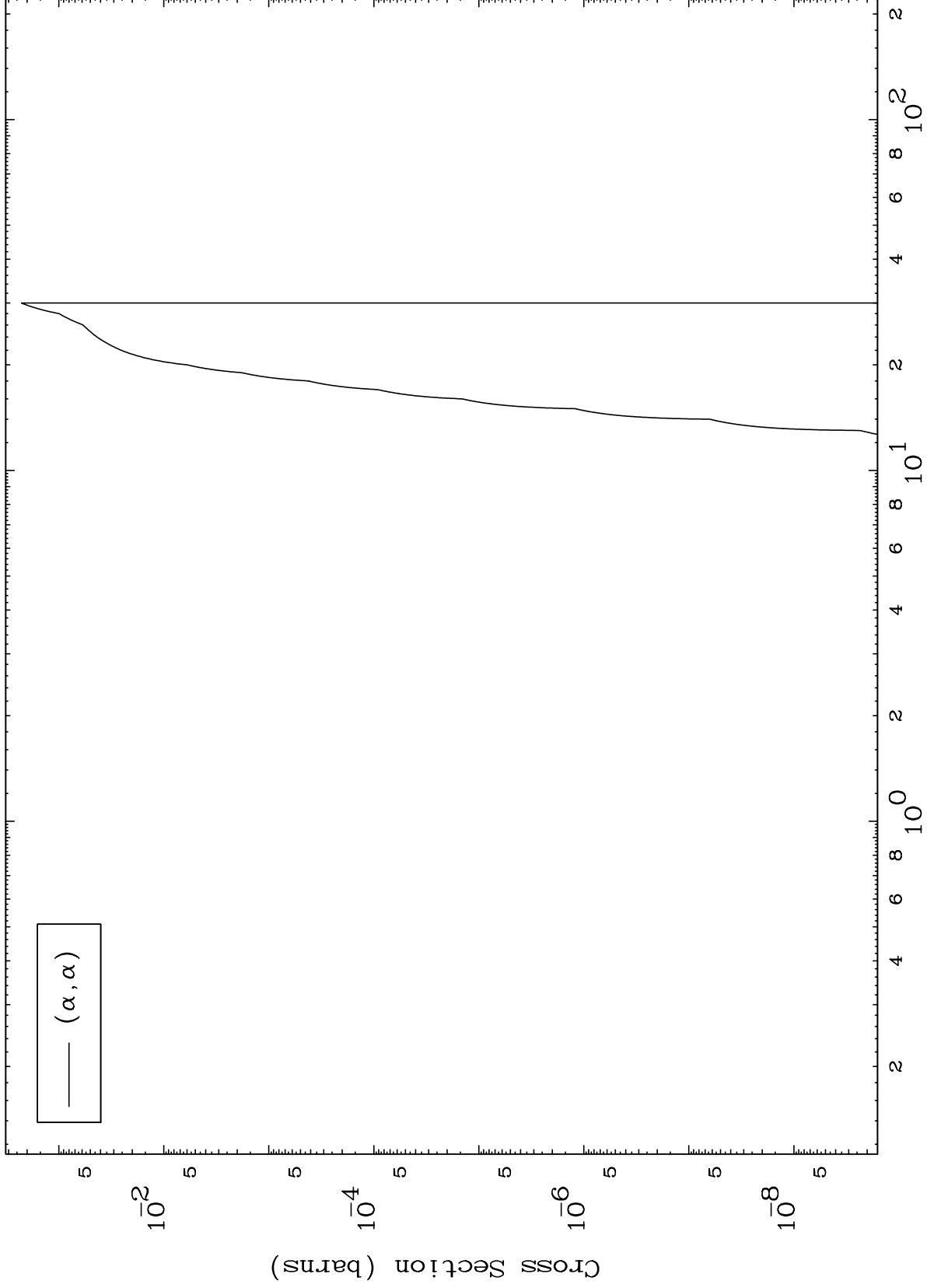


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(α, α) Levels

$^{73}\text{Ta-161}$

0 Kelvin Cross Sections



10

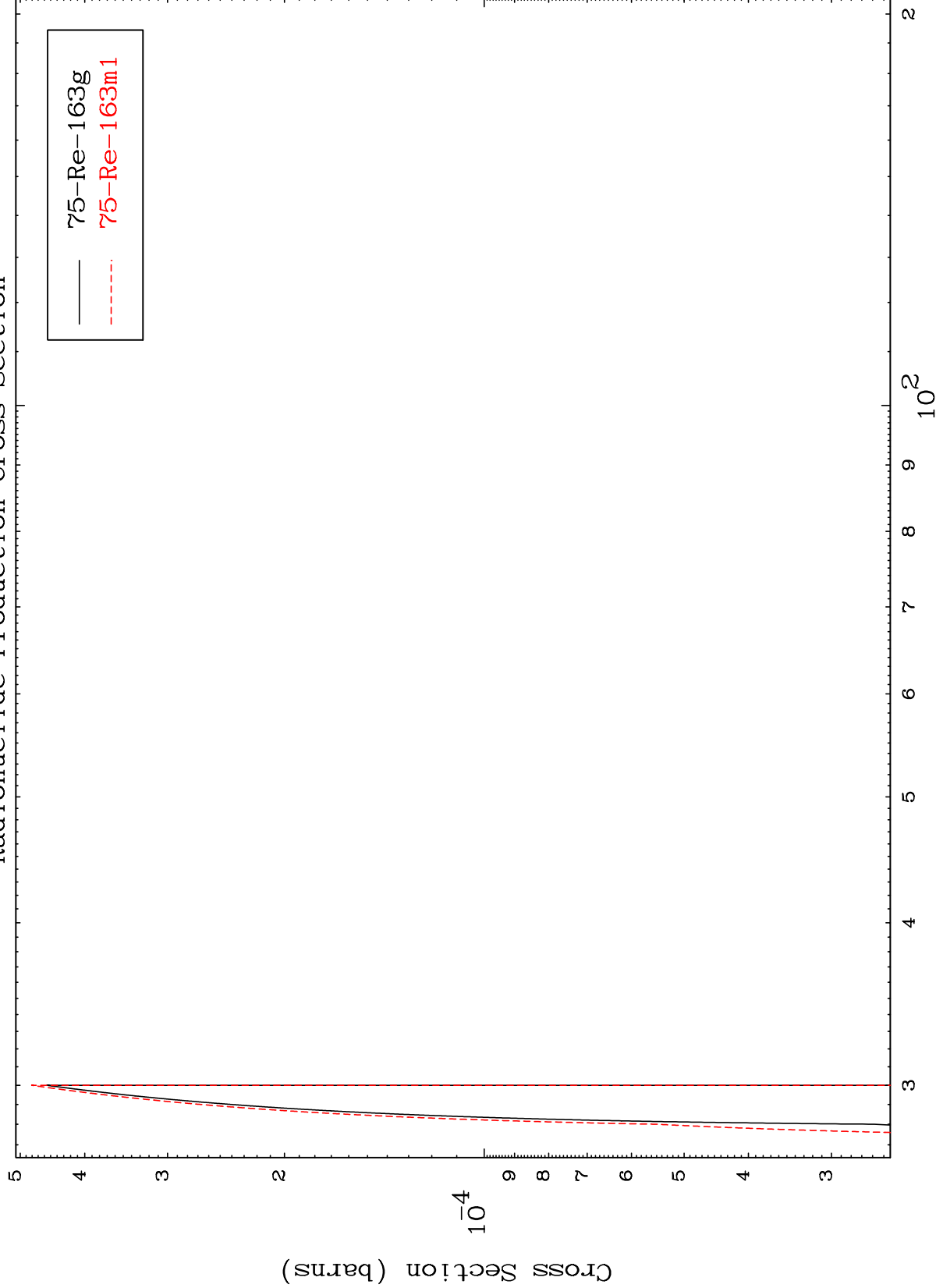
Incident Energy (MeV)

$^{73}\text{Ta-161}$

MAT 7268

⁷³Ta-161

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



⁷³Ta-161

Incident Energy (MeV)

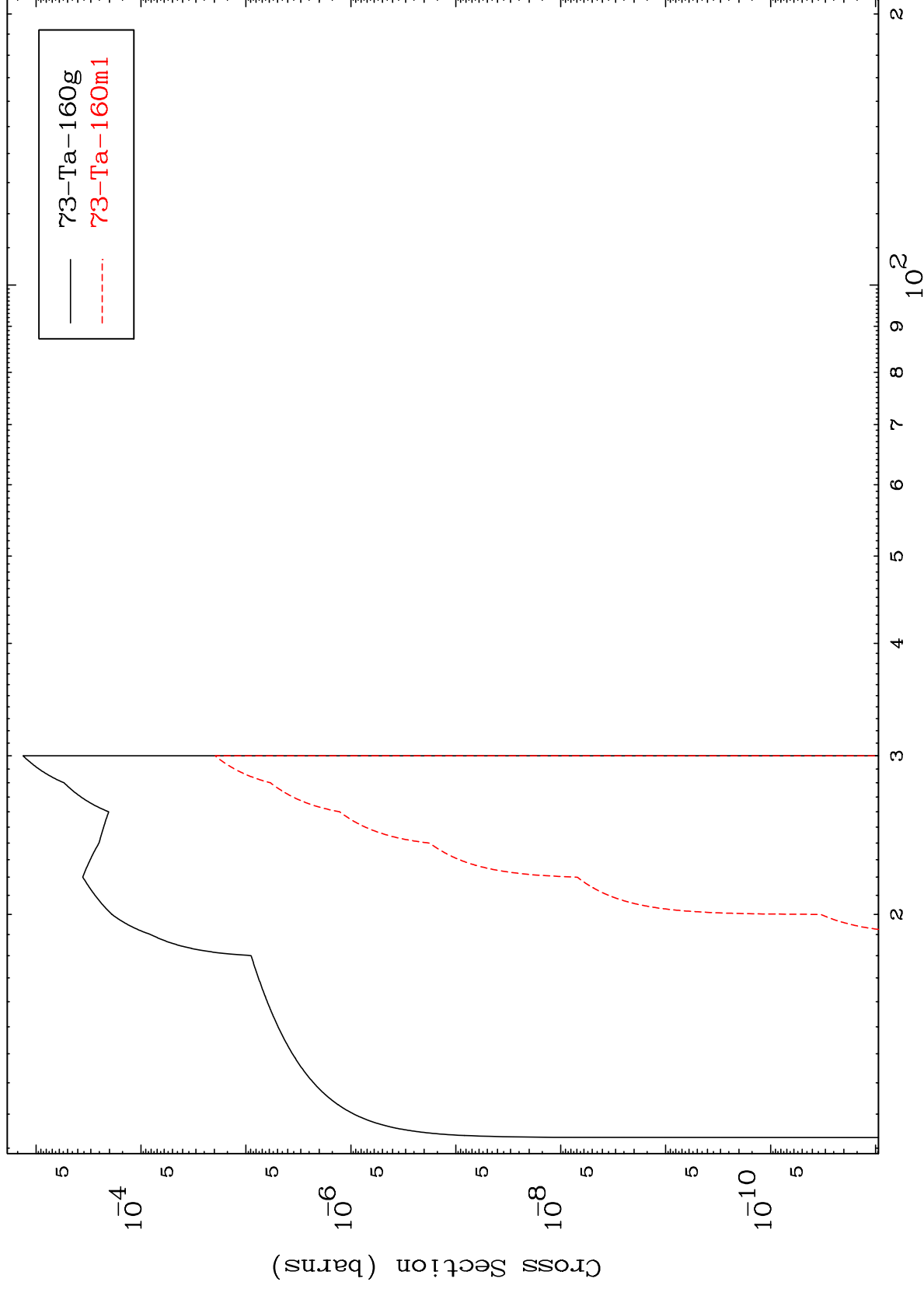
11

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⁷³Ta-161

(α, n') α

Radionuclide Production Cross Section



12

Incident Energy (MeV)

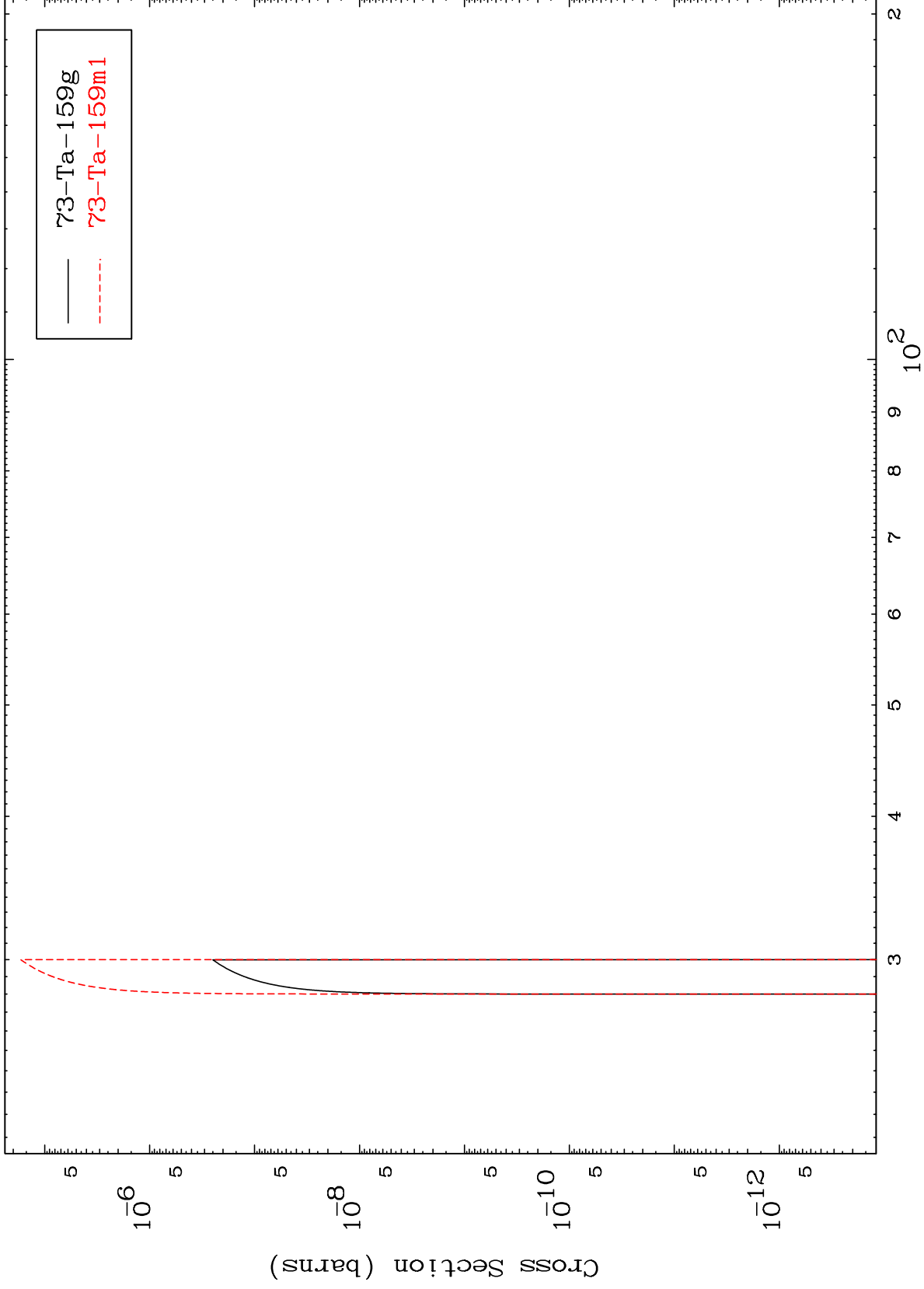
⁷³Ta-161

MAT 7268

$(\alpha, 2n) \alpha$

$^{73}\text{Ta-161}$

Radionuclide Production Cross Section



13

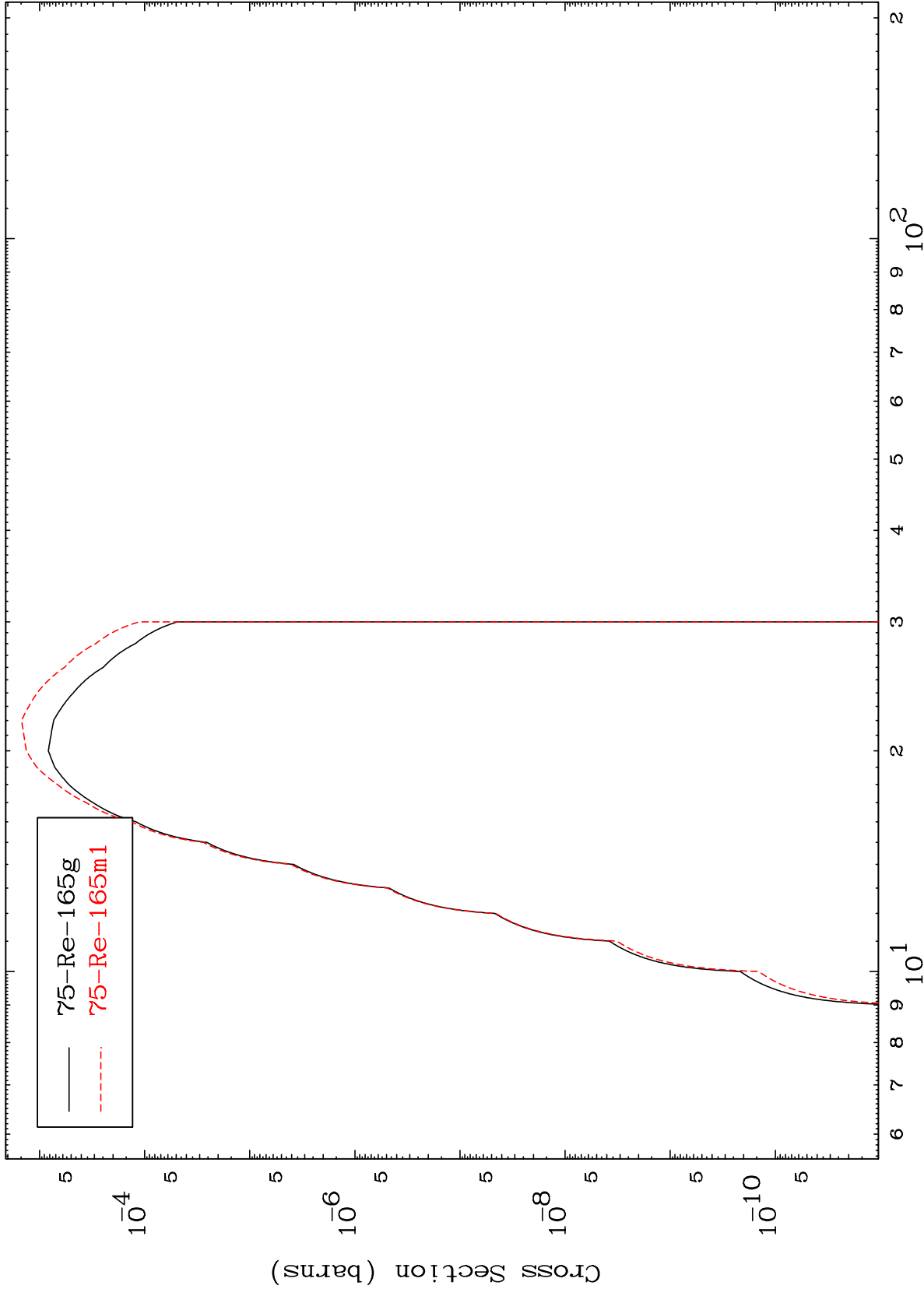
Incident Energy (MeV)

$^{73}\text{Ta-161}$

MAT 7268

⁷³Ta-161

(α, γ)
Radionuclide Production Cross Section



75-Re-165g
75-Re-165m1

⁷³Ta-161

Incident Energy (MeV)

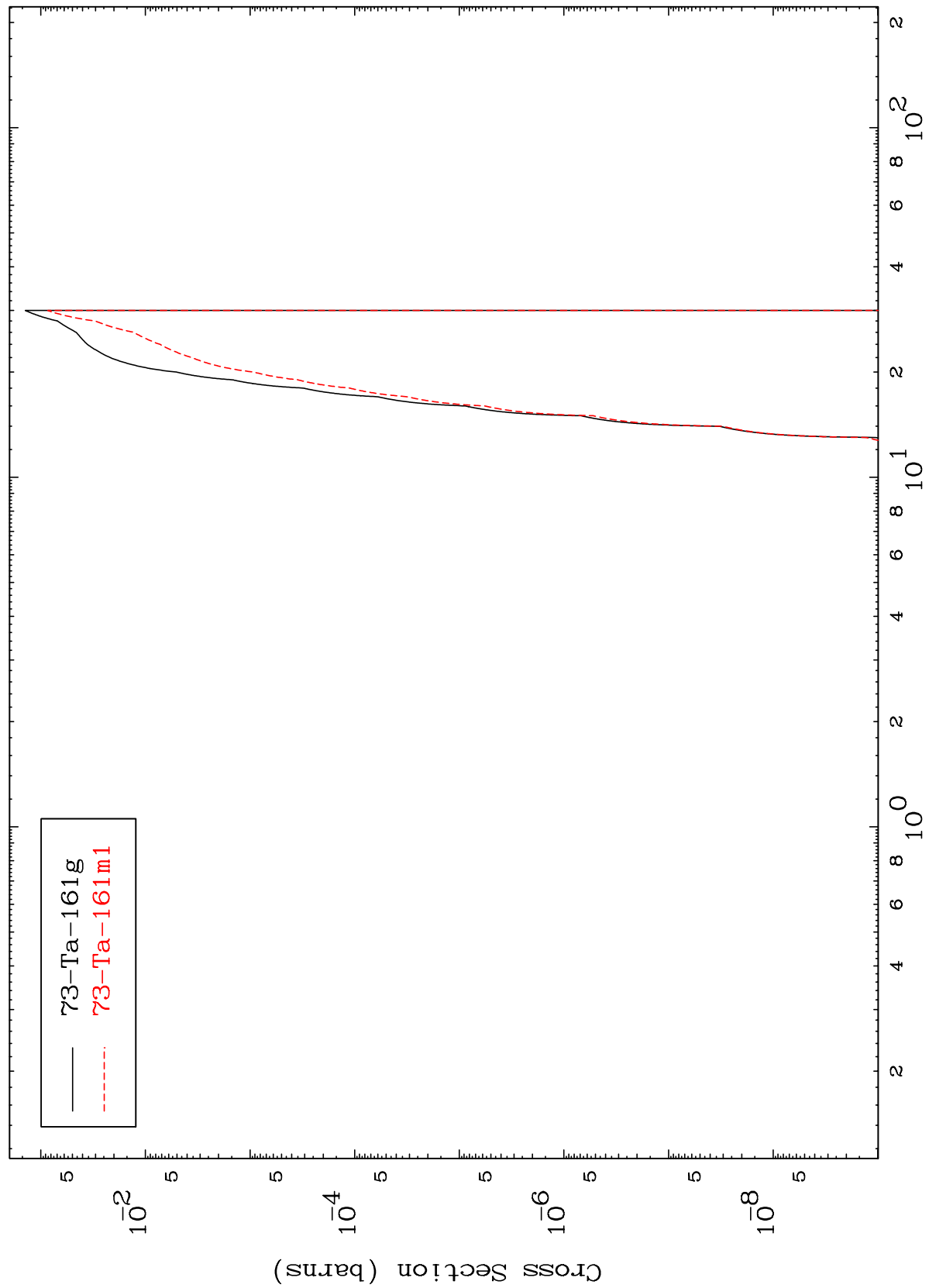
14

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⁷³Ta-161

(α, α)

Radionuclide Production Cross Section

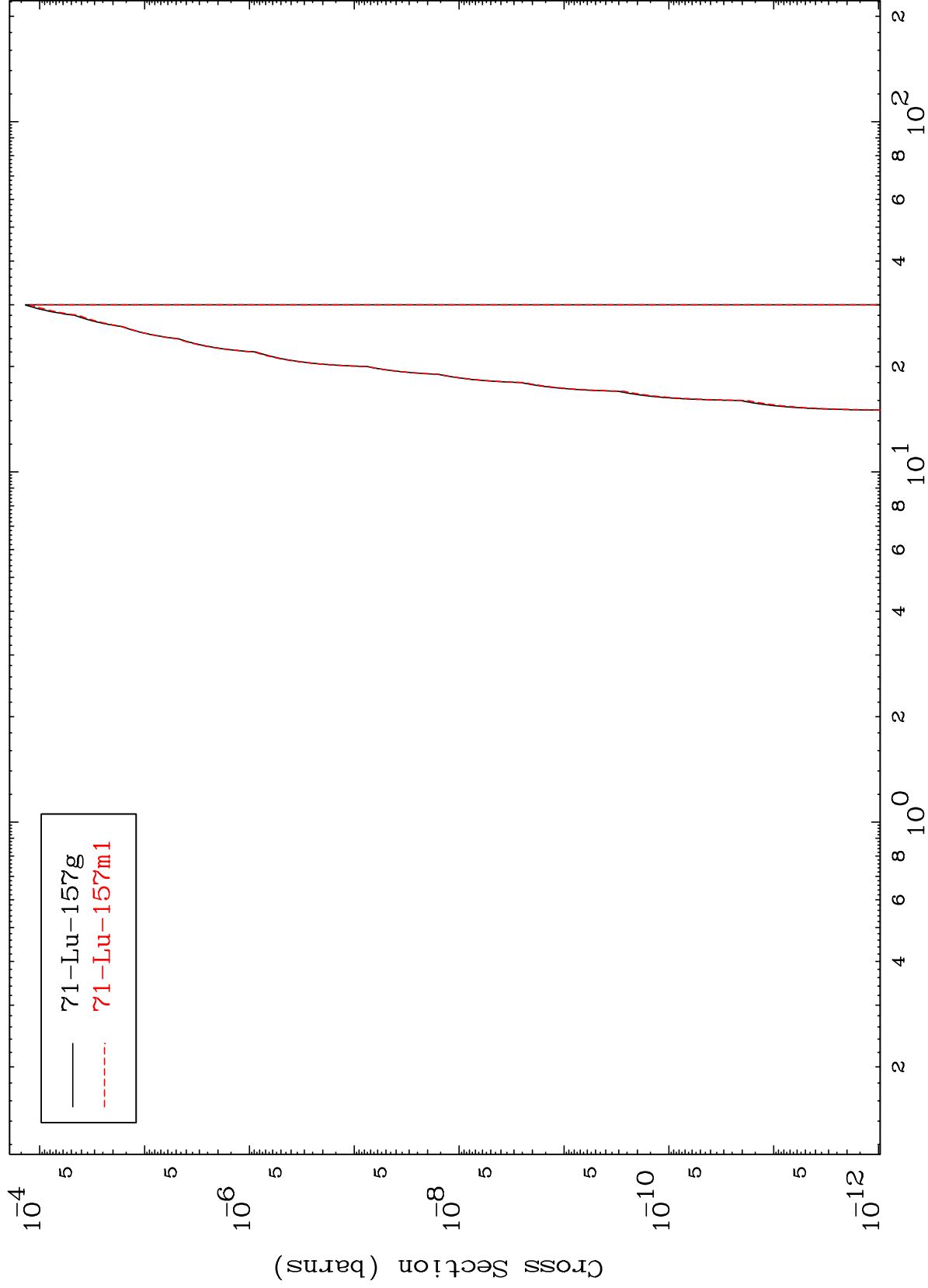


MAT 7268

($\alpha, 2\alpha$)

73-Ta-161

Radionuclide Production Cross Section



16

Incident Energy (MeV)

73-Ta-161

