

Program EVALPLOT
(Version 2018-1)

by

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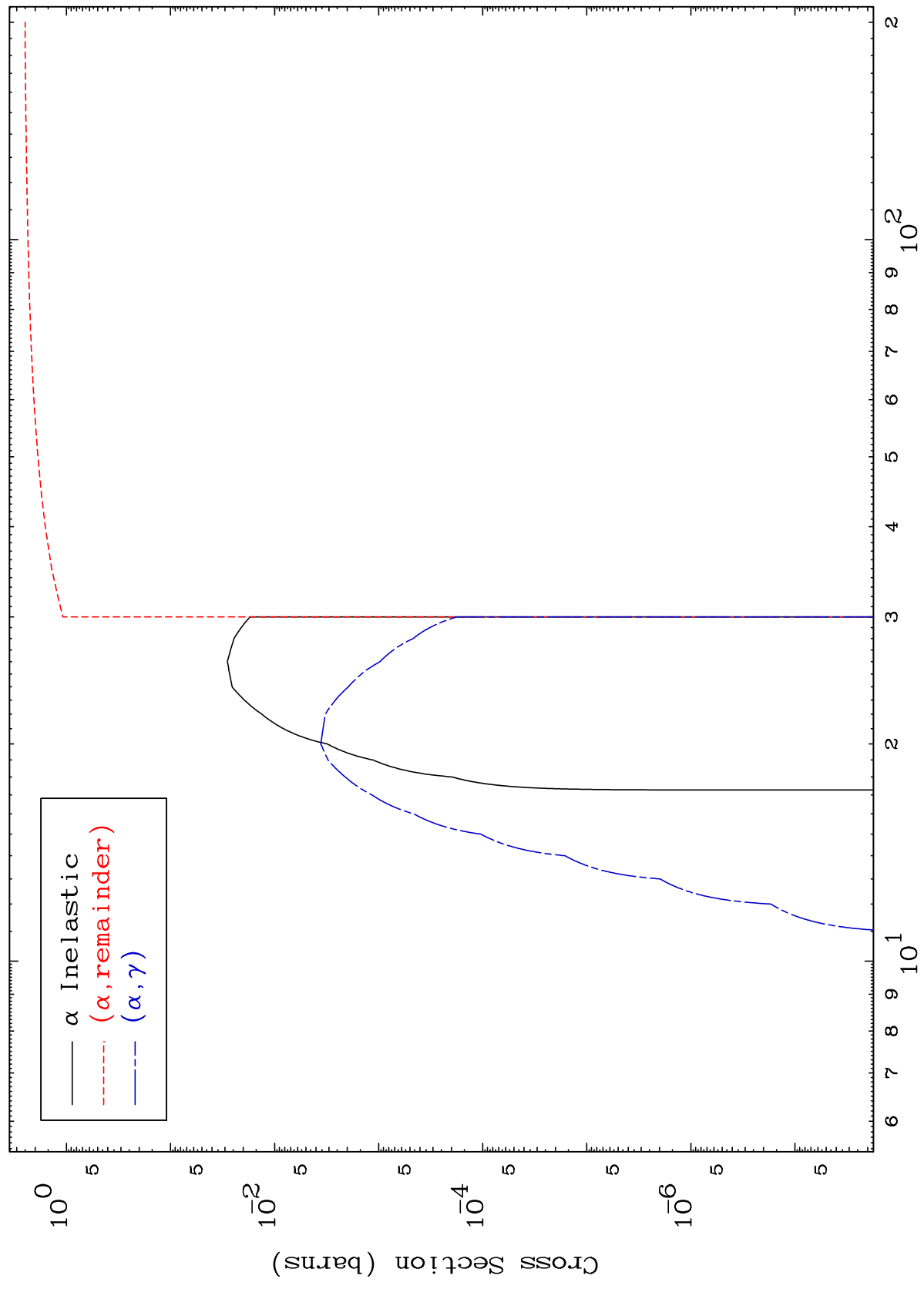
Press Mouse Button to Start

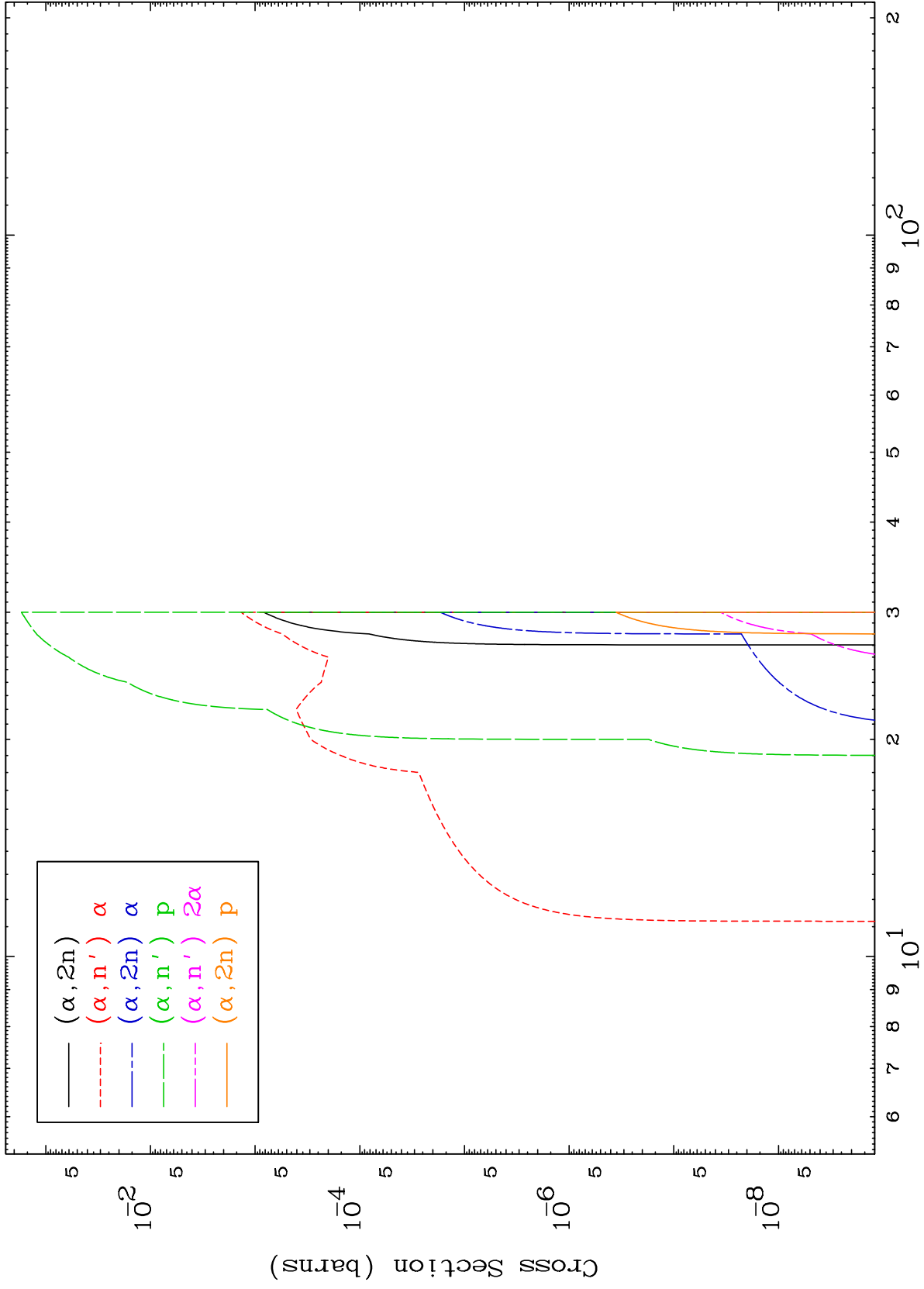
MAT 7269

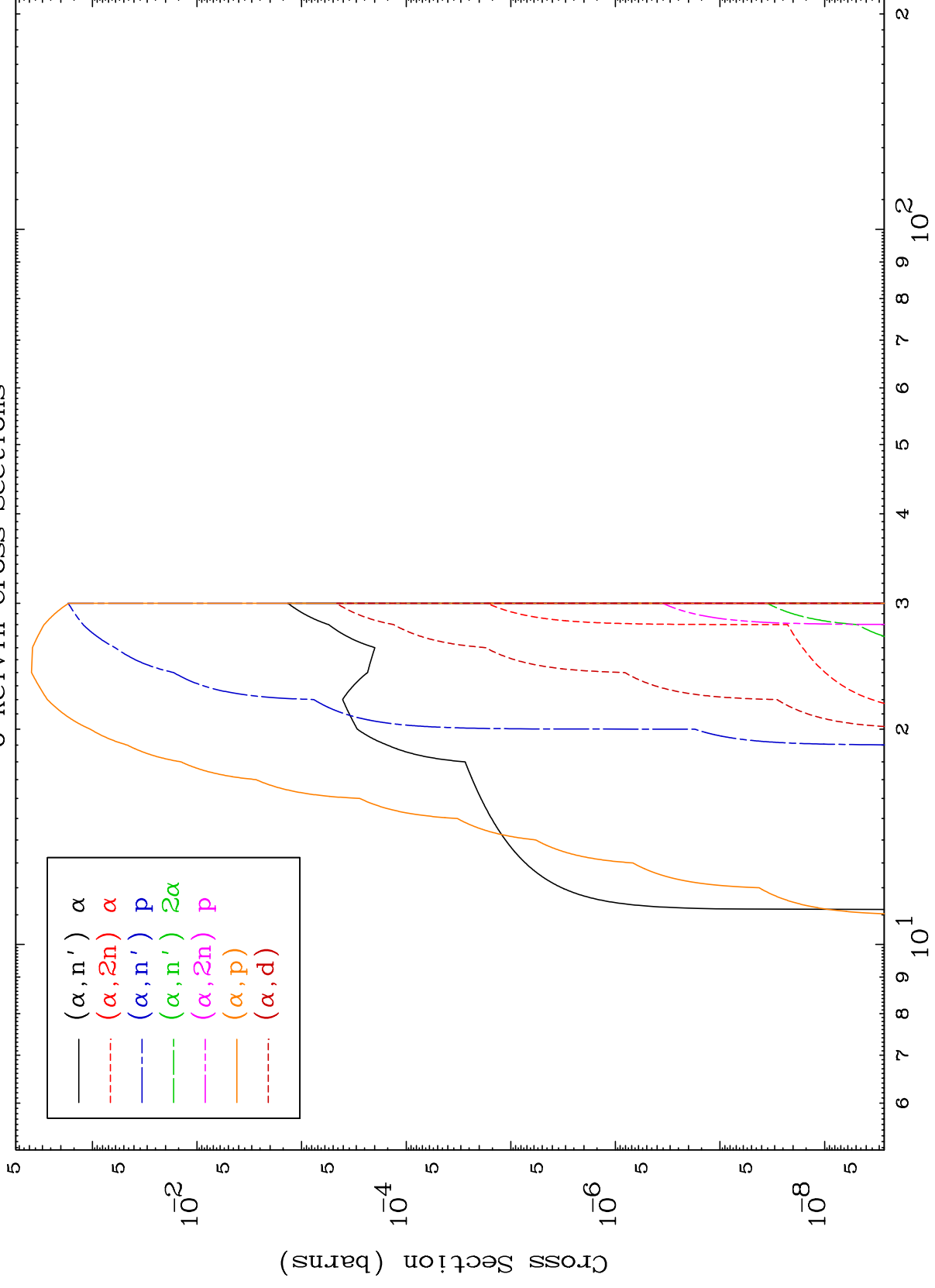
0 Kelvin

α Major Cross Sections

⁷³Ta-161



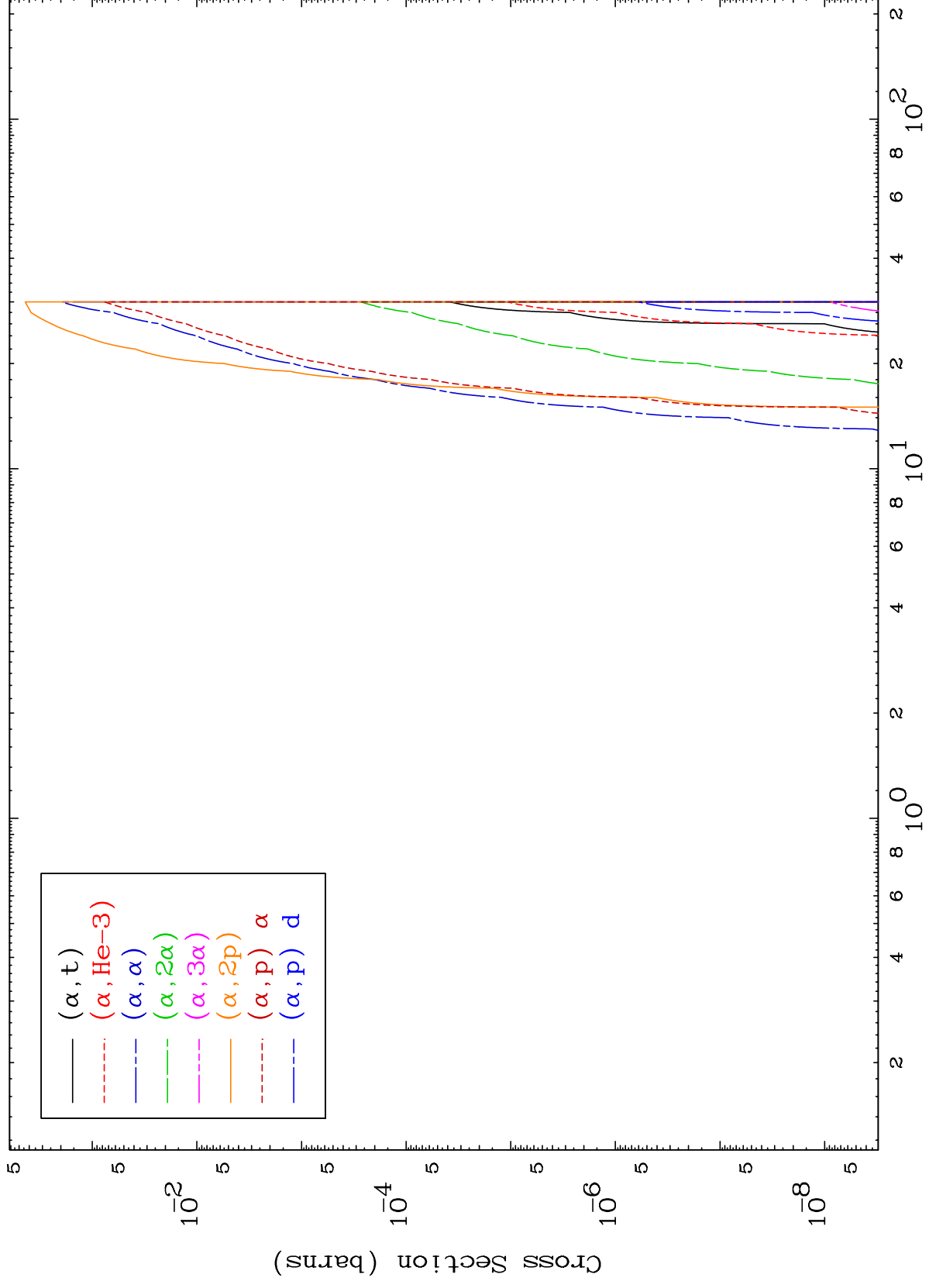




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α Charged Particle
0 Kelvin Cross Sections

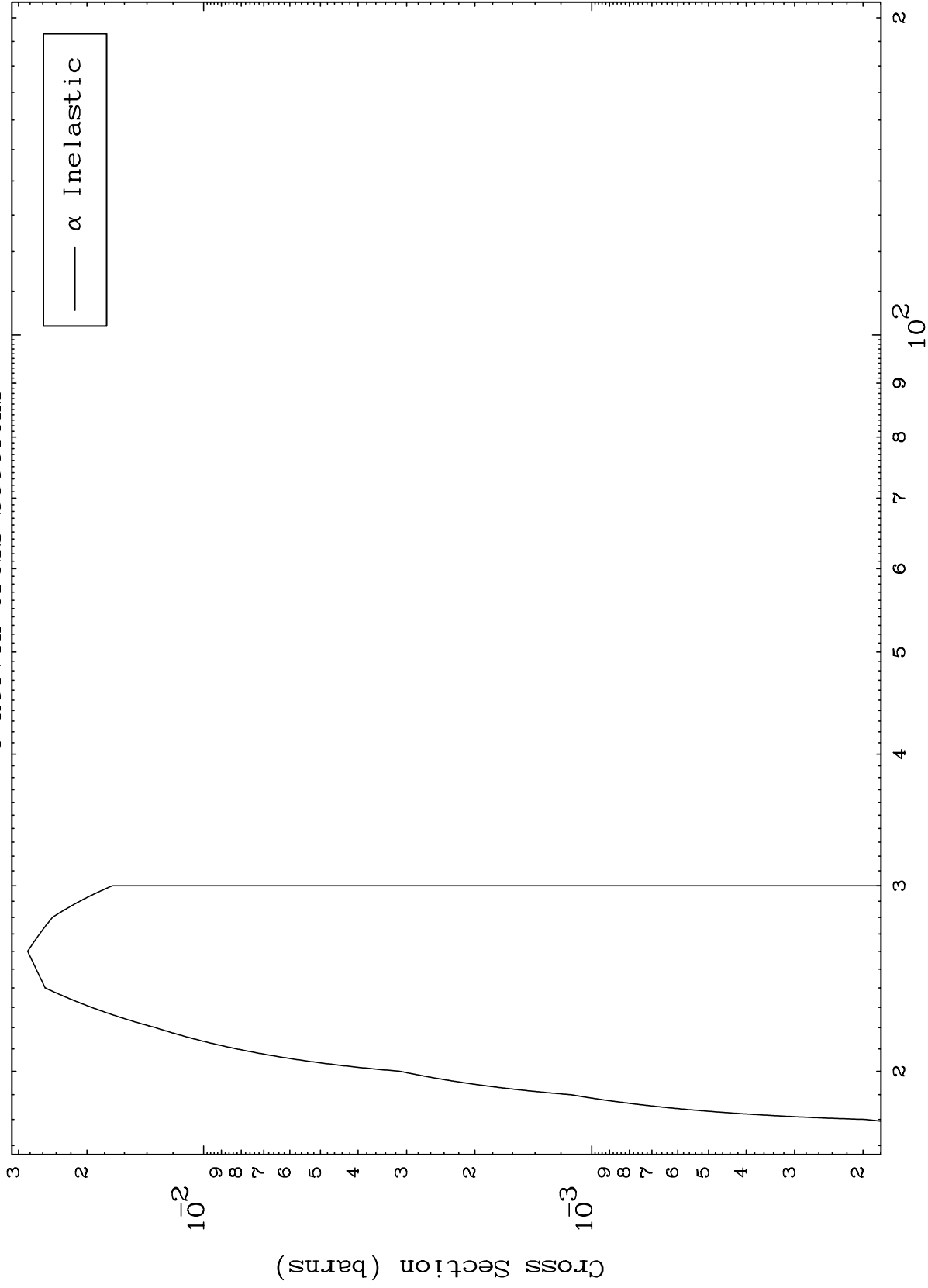
73-Ta-161



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73-Ta-161

(α, n') Level
0 Kelvin Cross Sections



α Inelastic

73-Ta-161

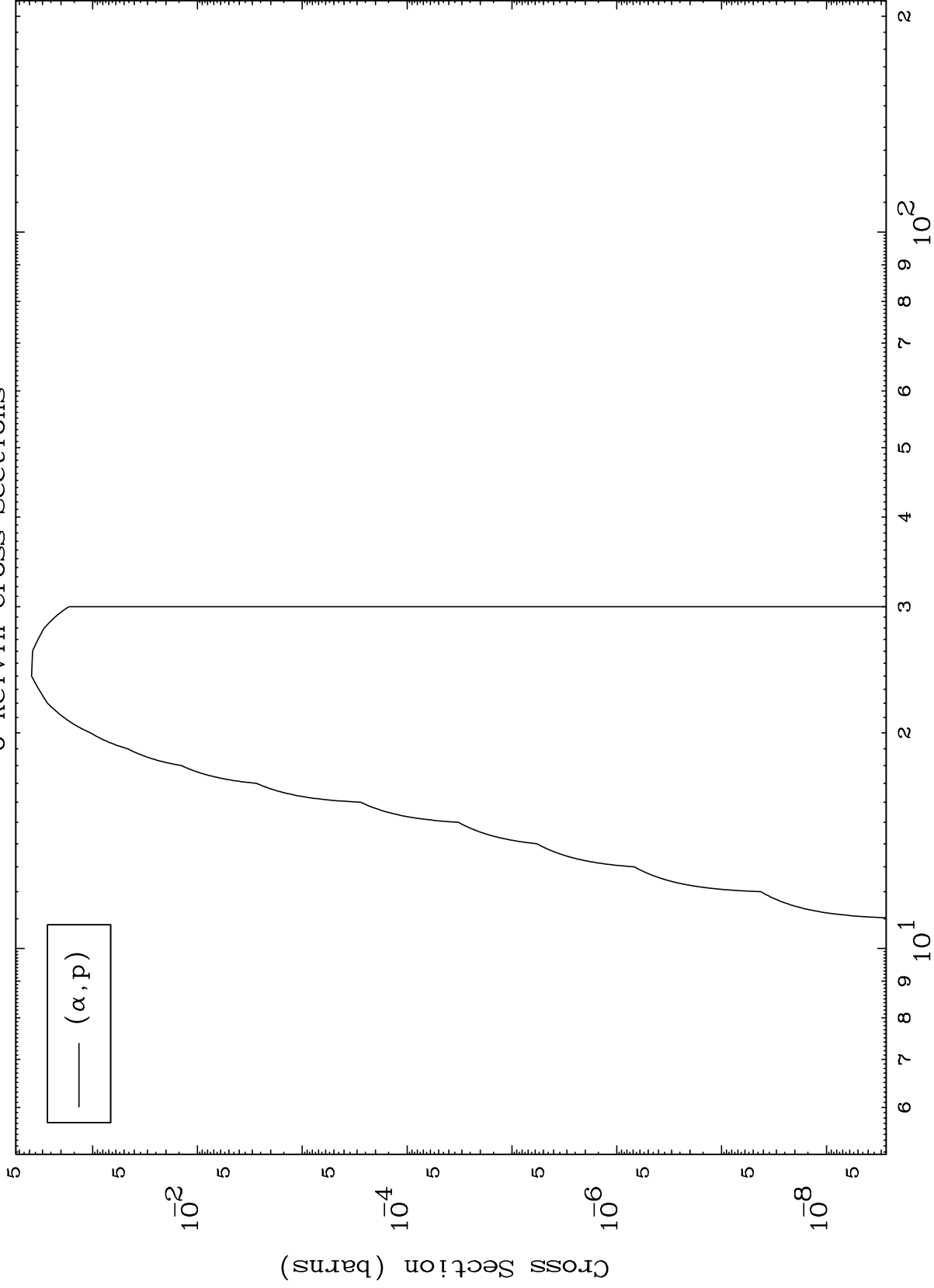
Incident Energy (MeV)

5

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73-Ta-161

(α, p) Levels
0 Kelvin Cross Sections



73-Ta-161

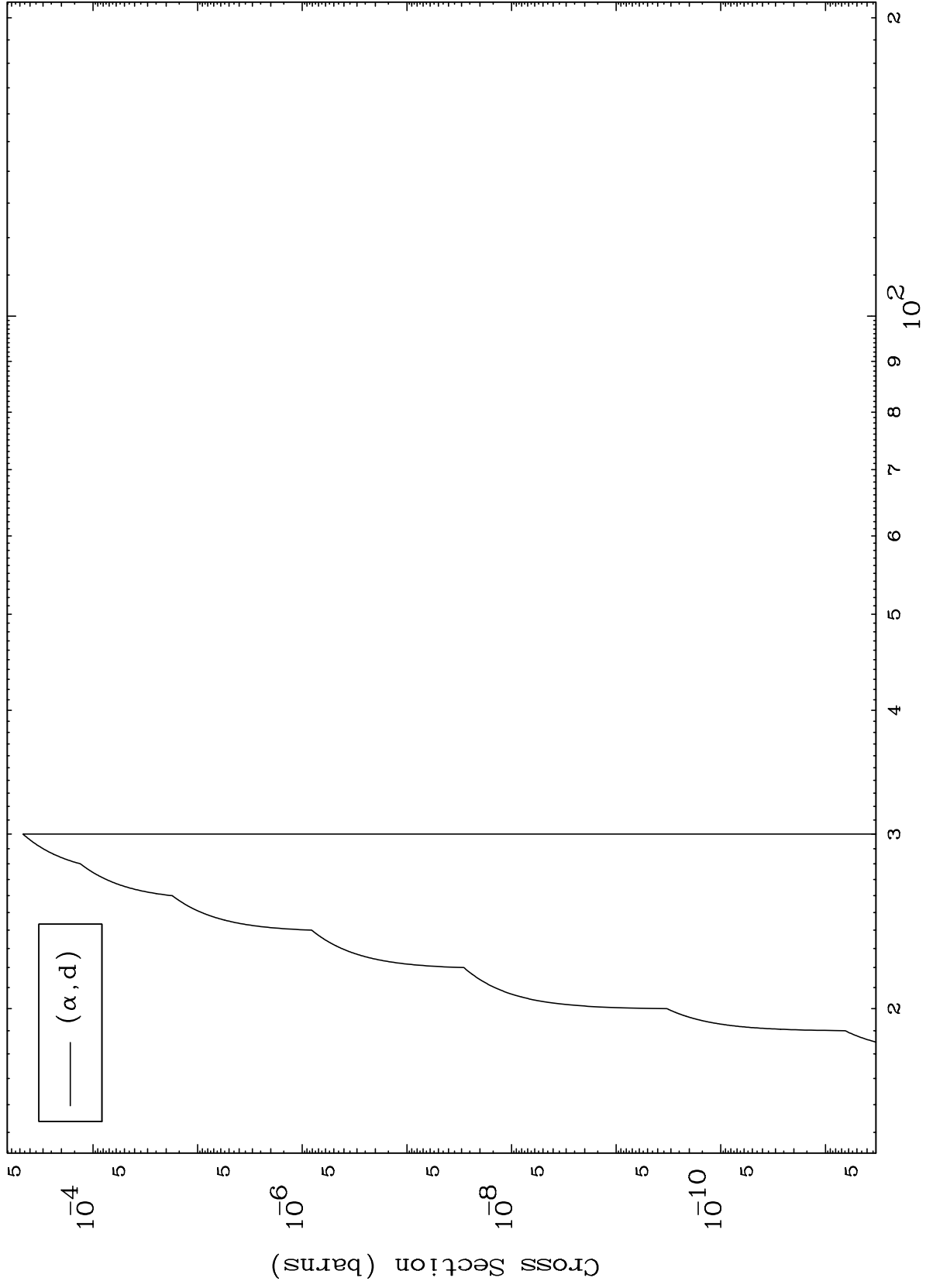
Incident Energy (MeV)

6

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(α, d) Levels
0 Kelvin Cross Sections

73-Ta-161



7

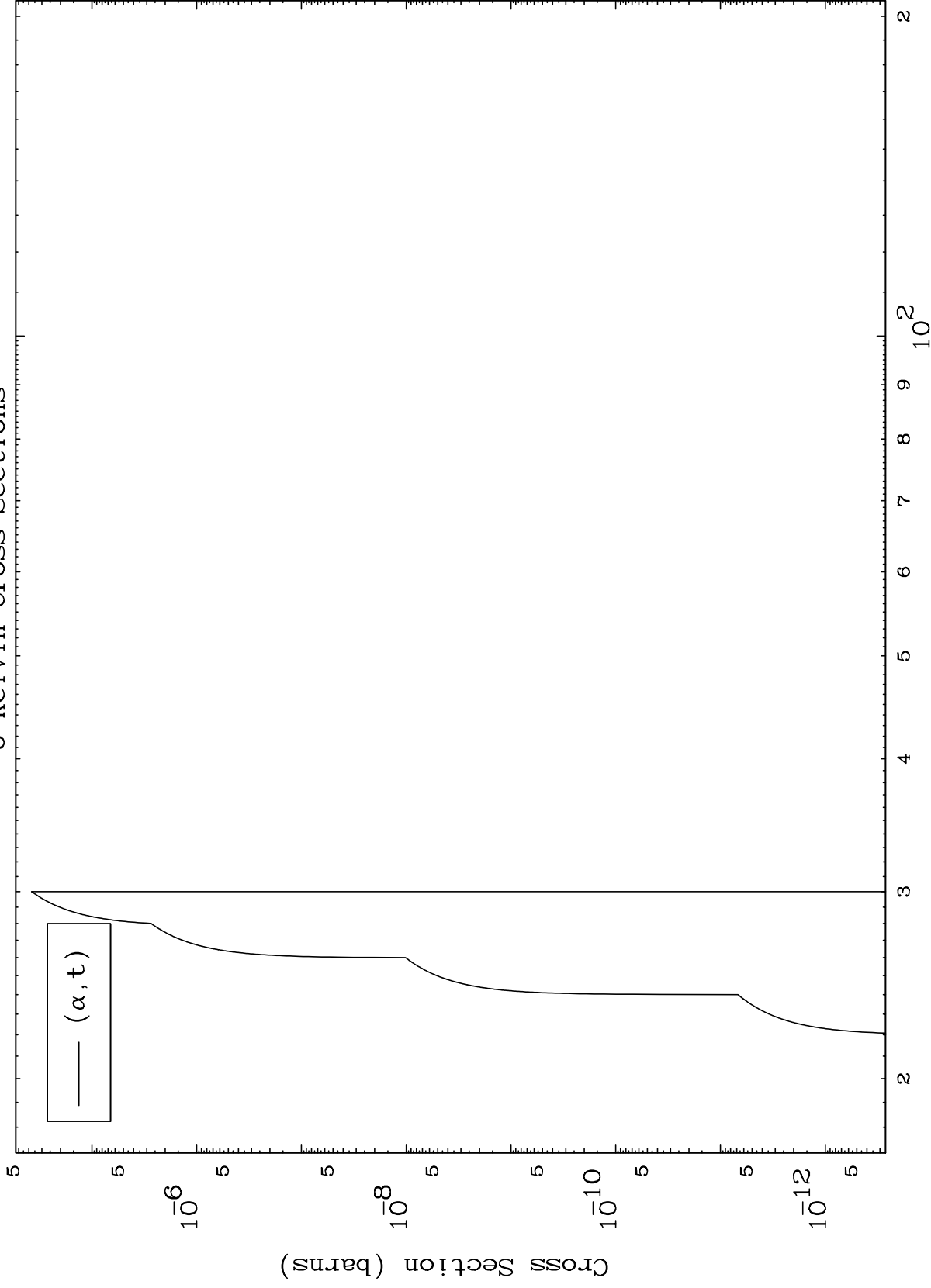
Incident Energy (MeV)

73-Ta-161

MAT 7269

(α, t) Levels
0 Kelvin Cross Sections

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

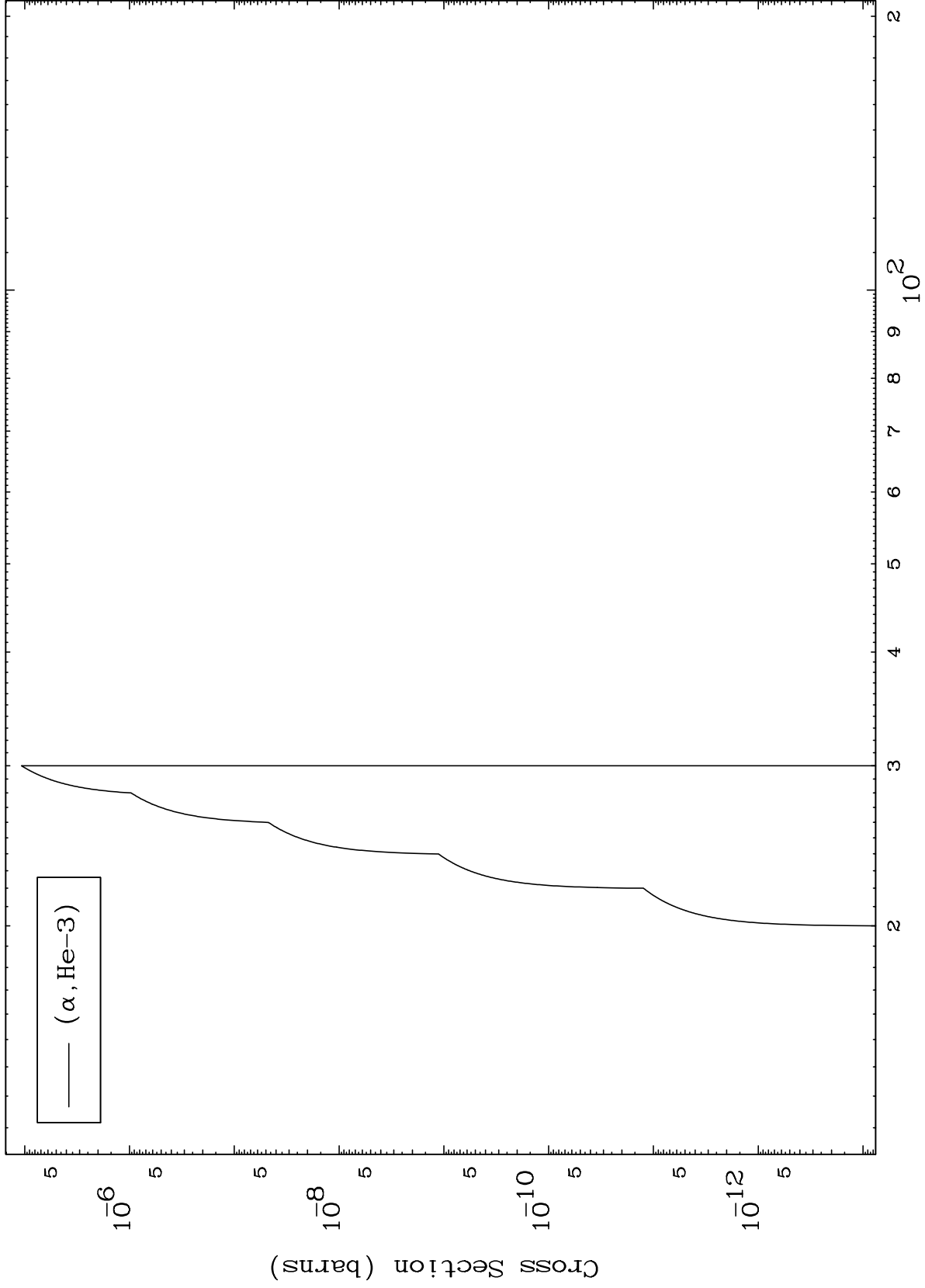


8

Incident Energy (MeV)

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

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

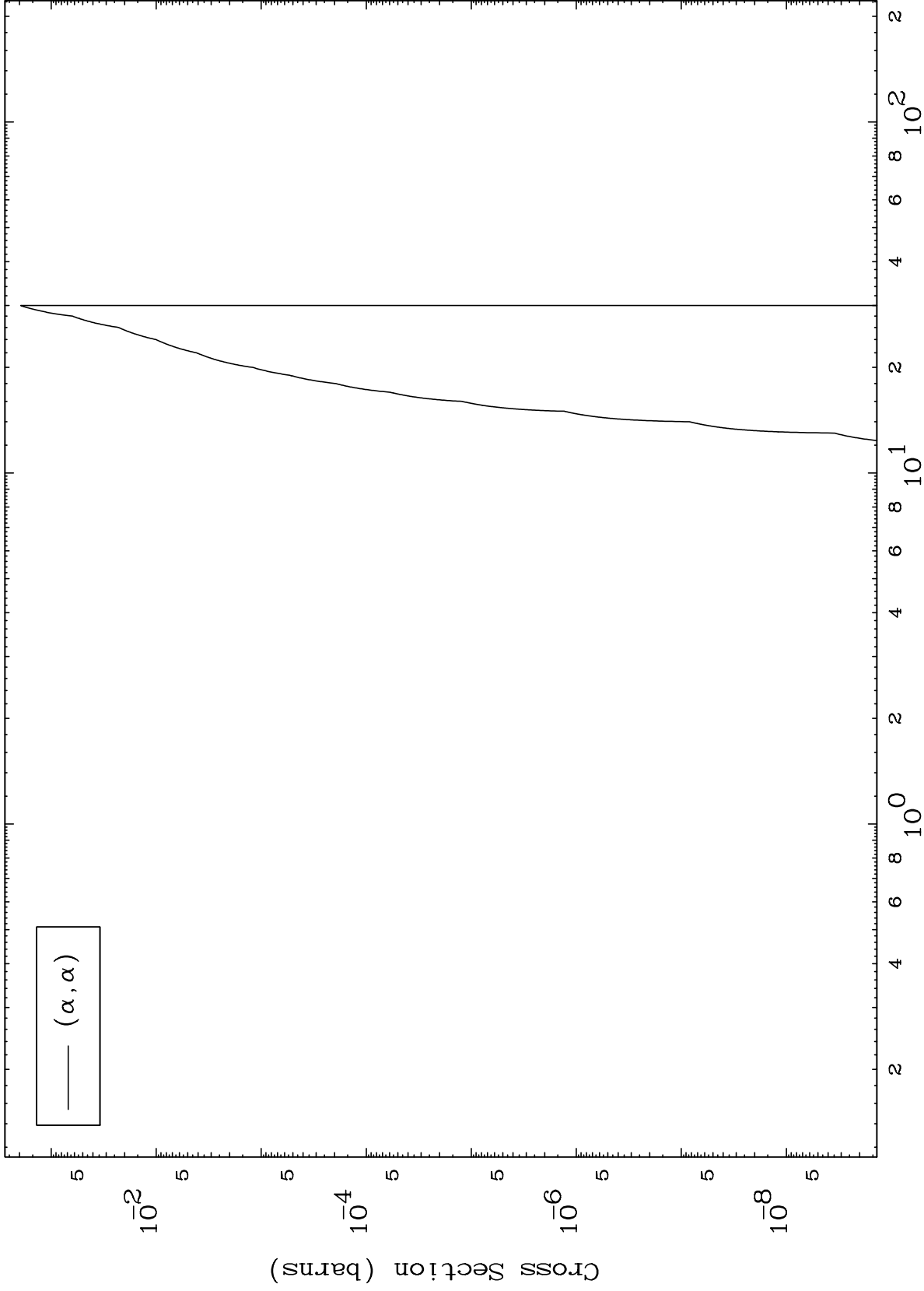


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(α, α) Levels

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

0 Kelvin Cross Sections



10

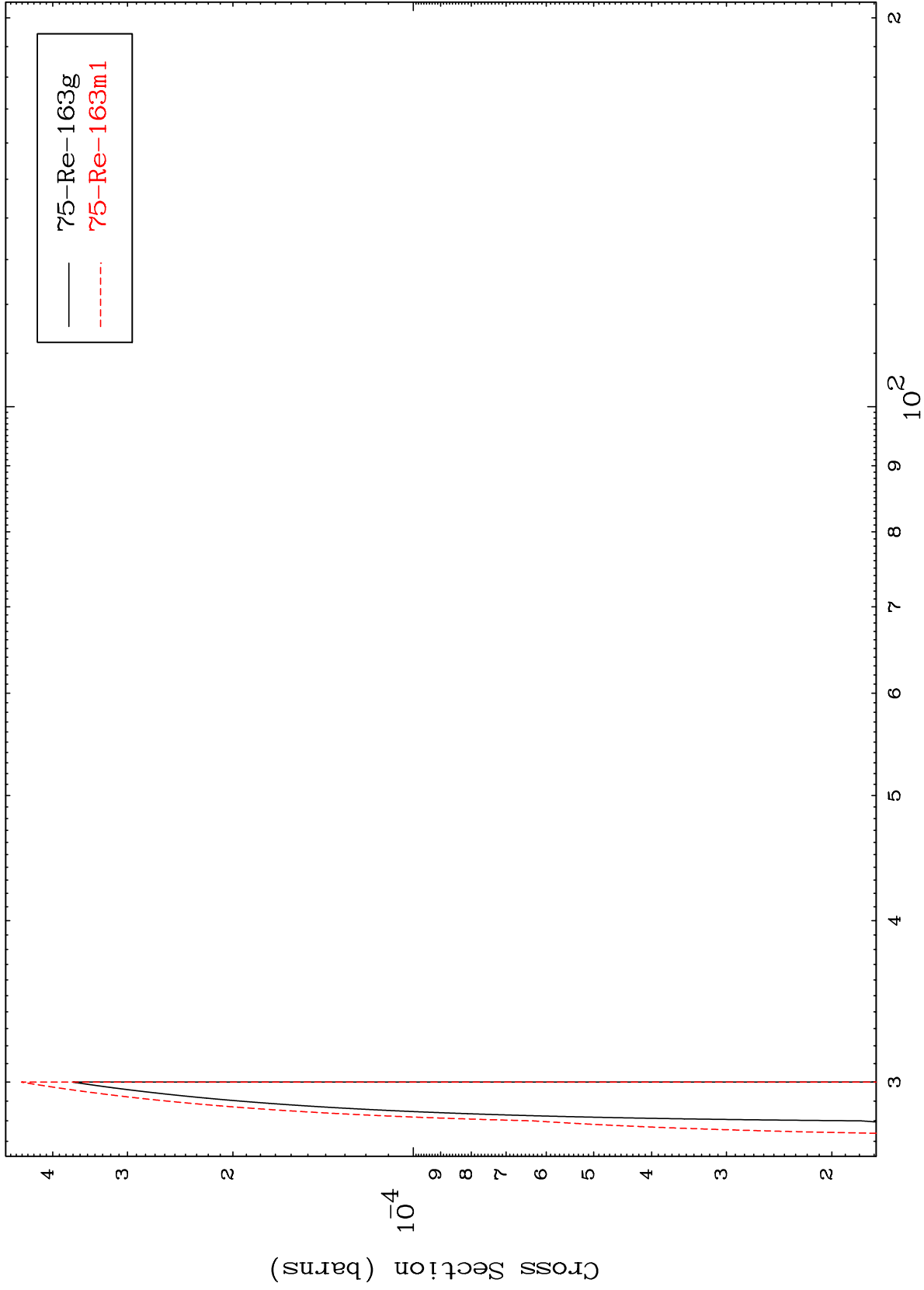
Incident Energy (MeV)

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

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⁷³Ta-161

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



11

⁷³Ta-161

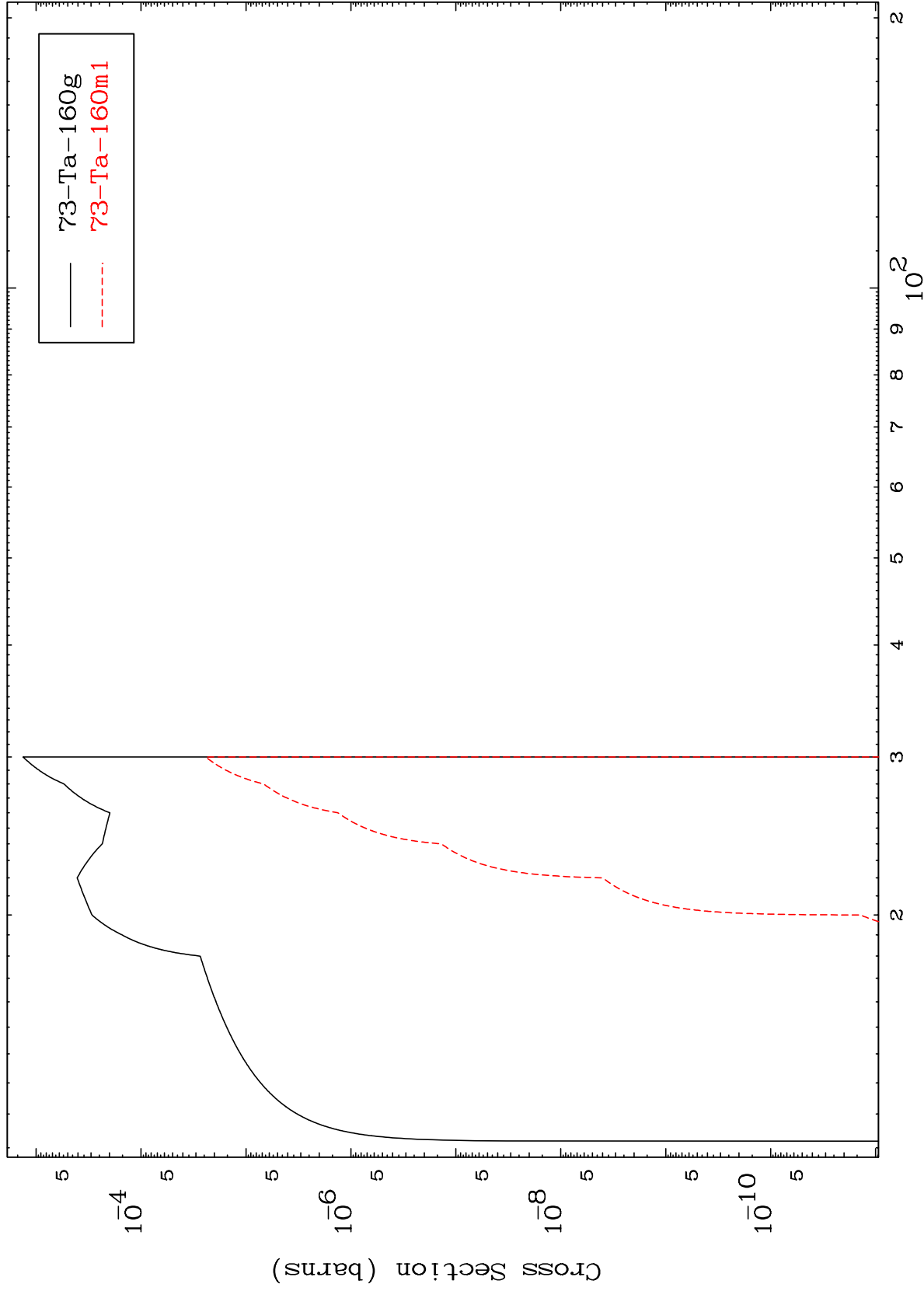
Incident Energy (MeV)

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⁷³Ta-161

(α, n') α

Radionuclide Production Cross Section



12

Incident Energy (MeV)

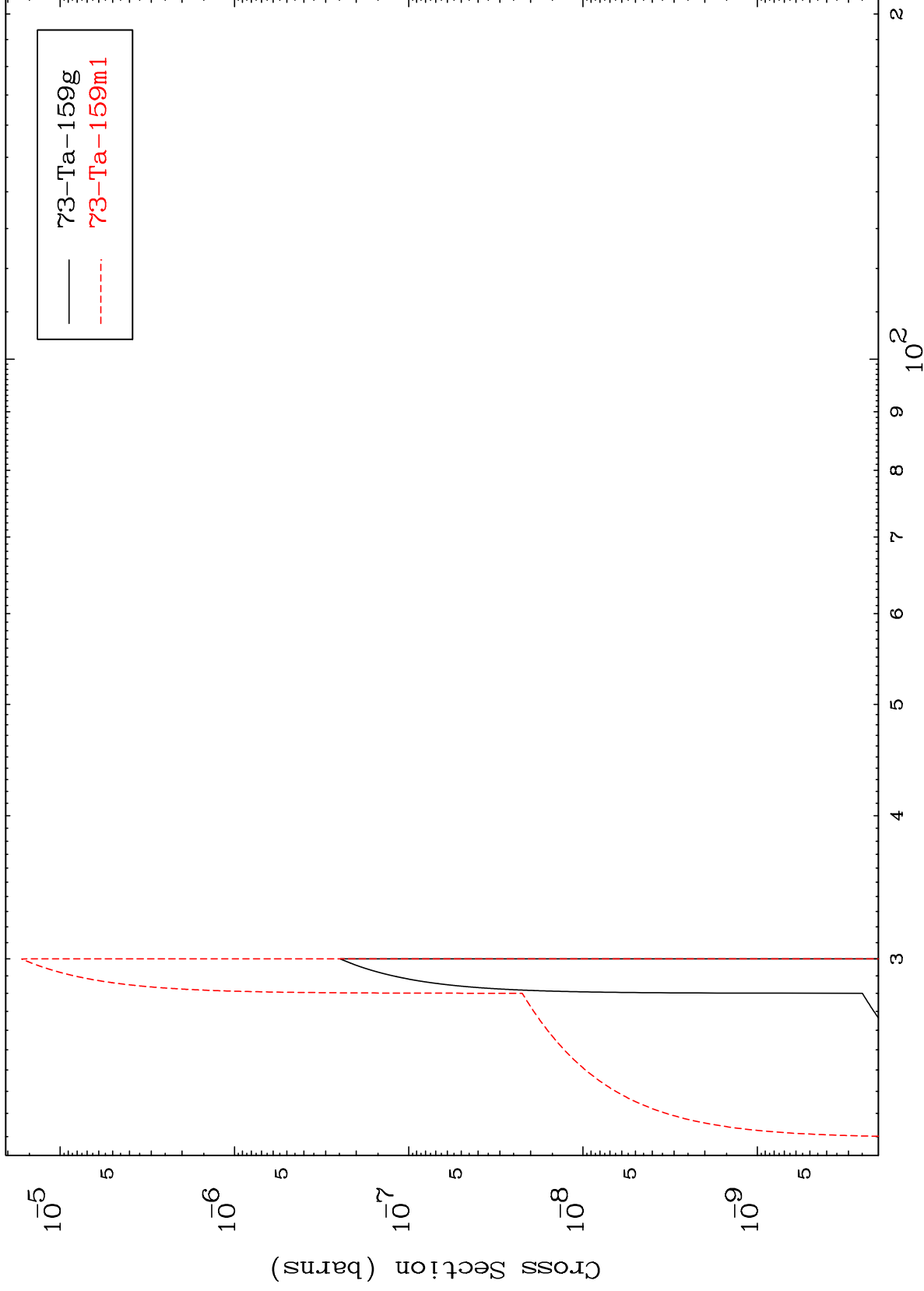
⁷³Ta-161

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$(\alpha, 2n) \alpha$

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

Radionuclide Production Cross Section



13

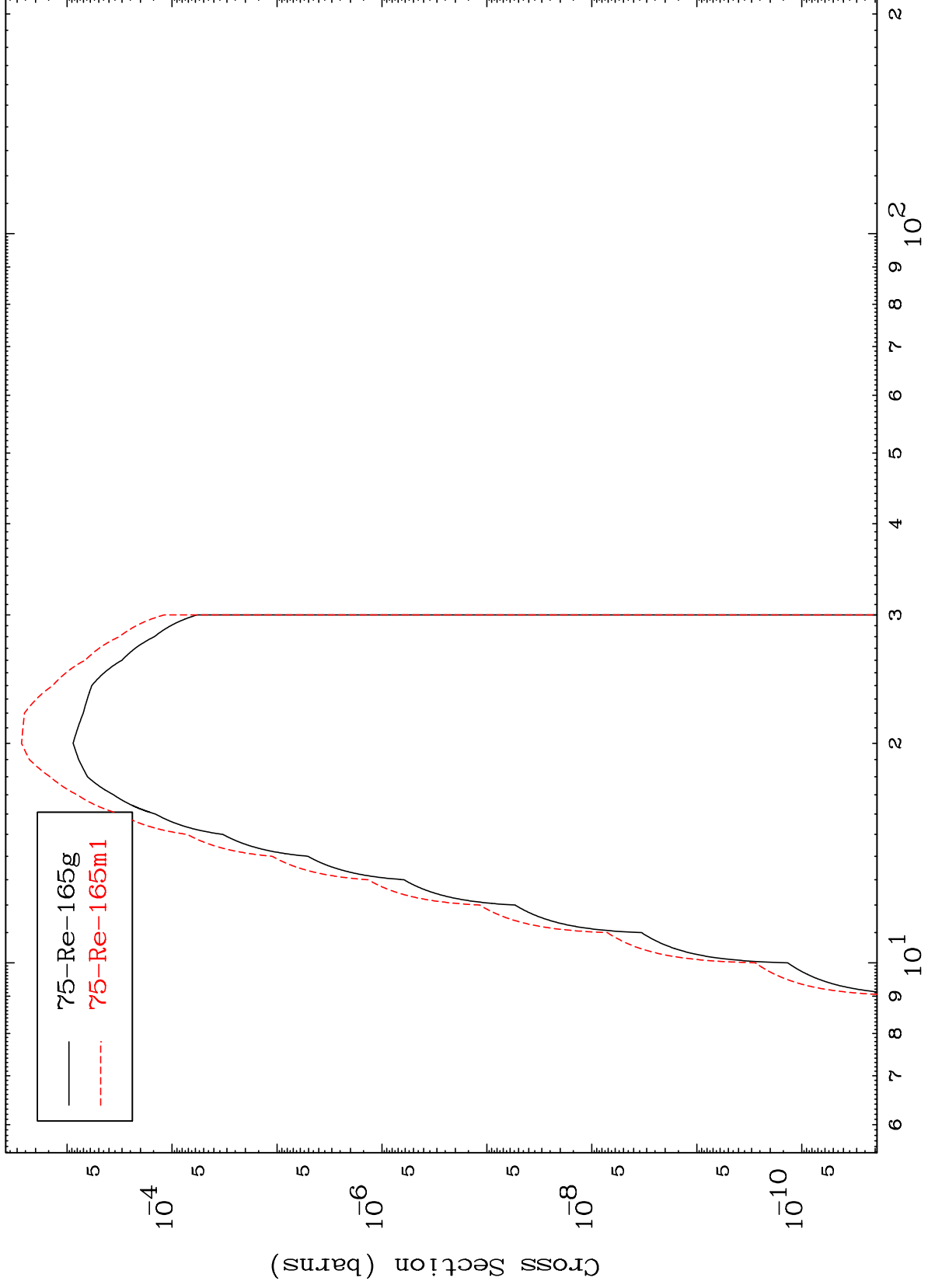
Incident Energy (MeV)

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

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73-Ta-161

(α, γ)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

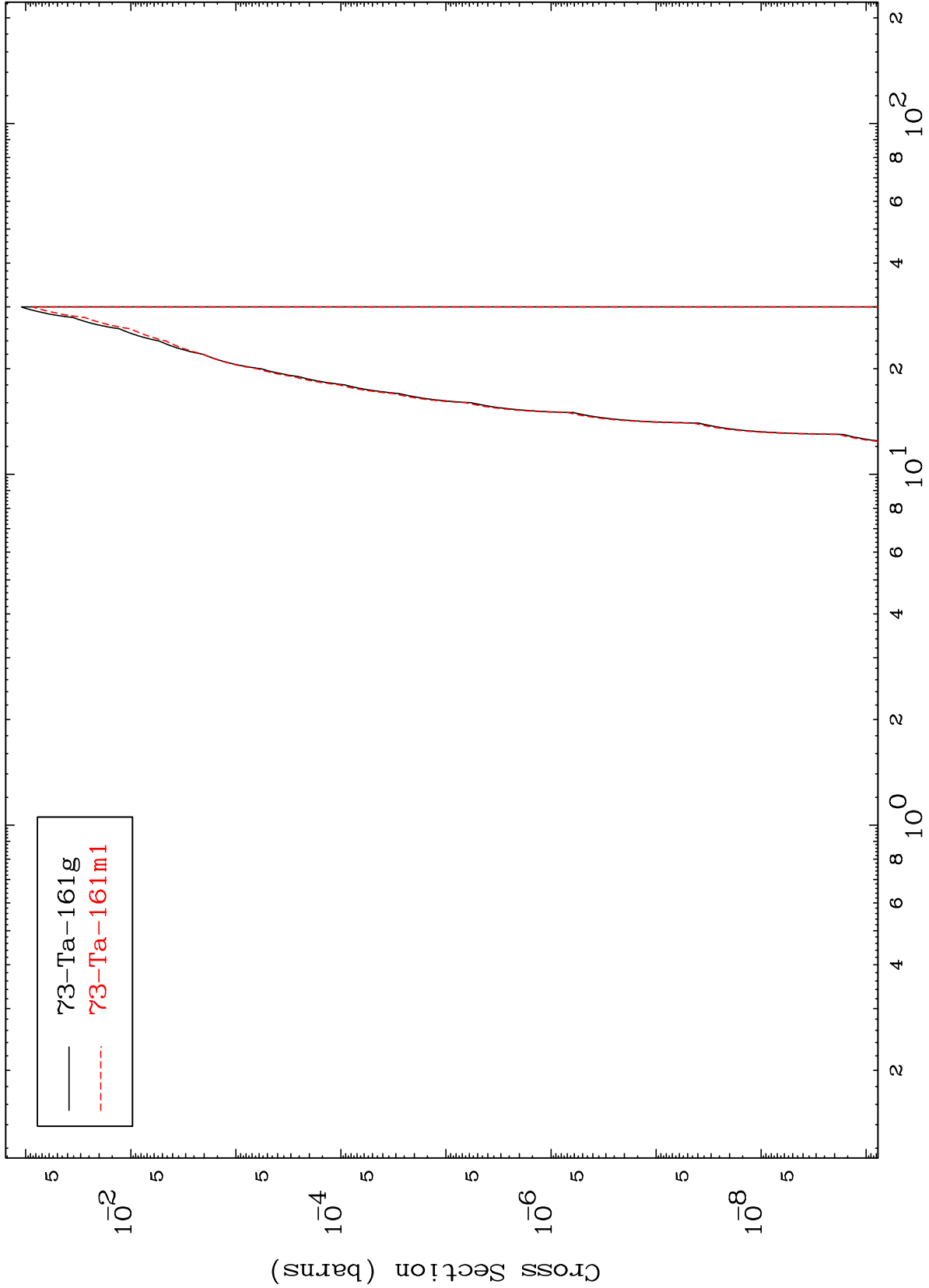
73-Ta-161

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⁷³Ta-161

(α, α)

Radionuclide Production Cross Section



— ⁷³Ta-161g
- - - ⁷³Ta-161m1

15

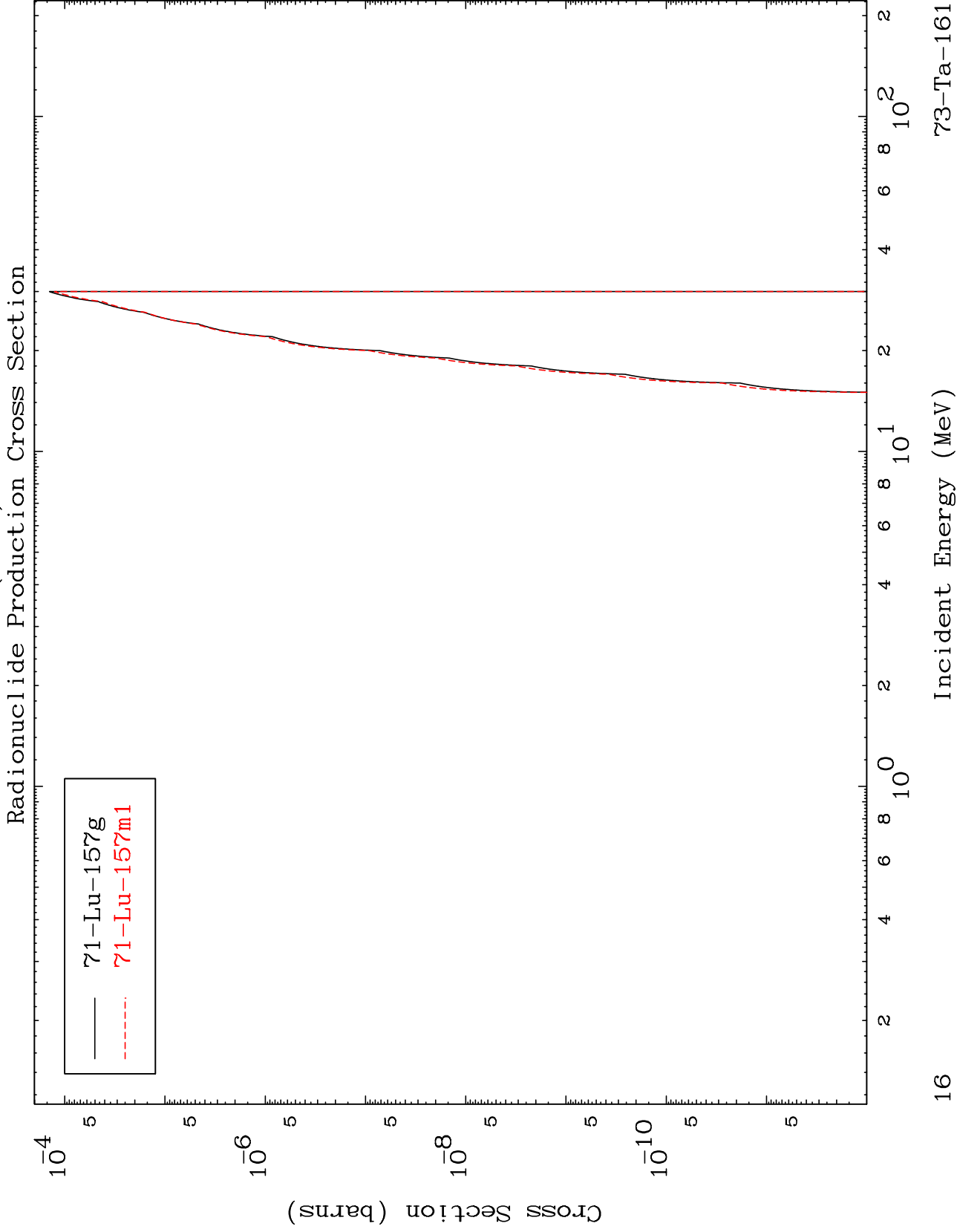
⁷³Ta-161

Incident Energy (MeV)

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($\alpha, 2\alpha$)

⁷³Ta-161

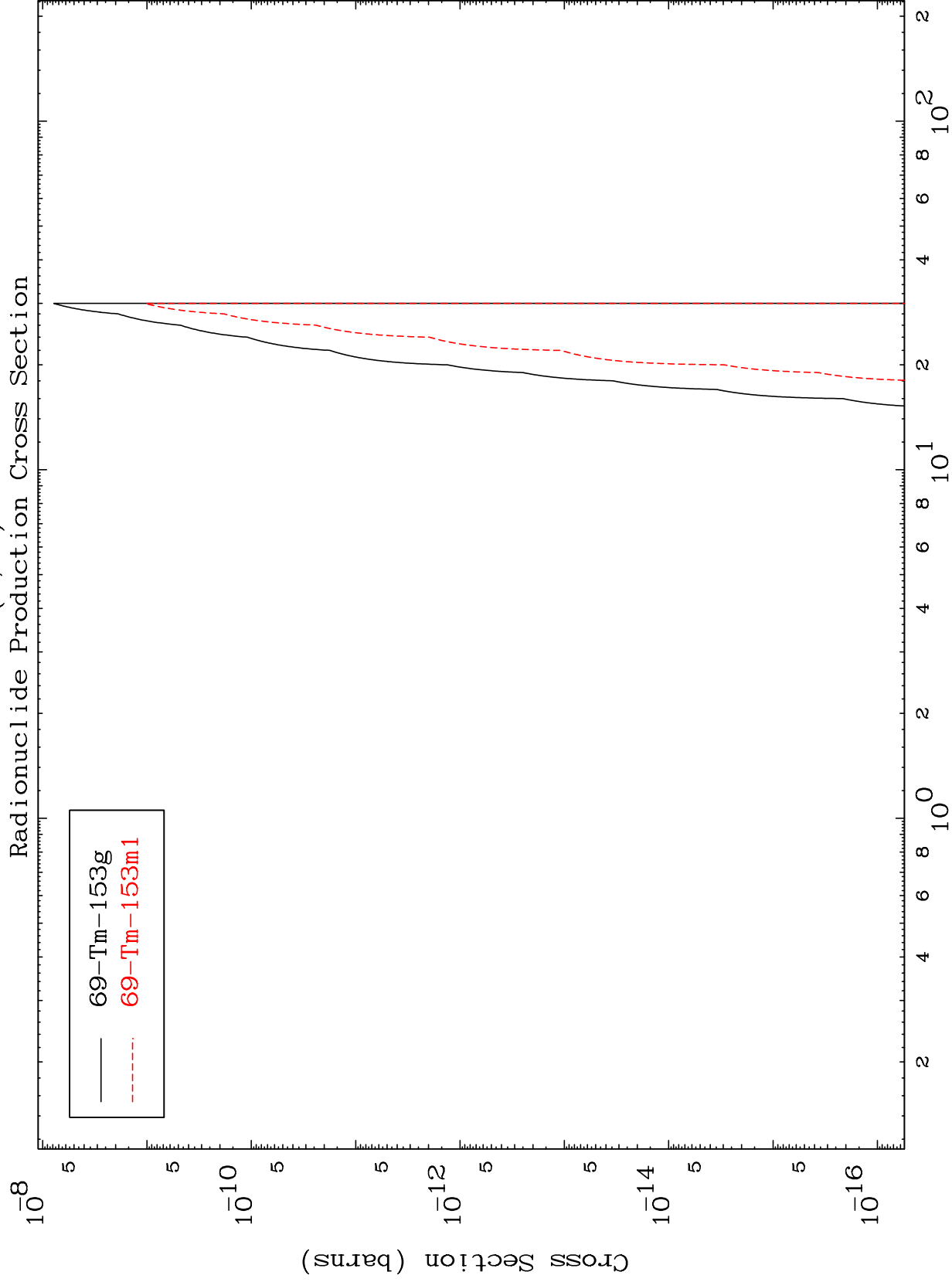


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⁷³Ta-161

($\alpha, 3\alpha$)

Radionuclide Production Cross Section



— 69-Tm-153g
- - - 69-Tm-153m1