

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

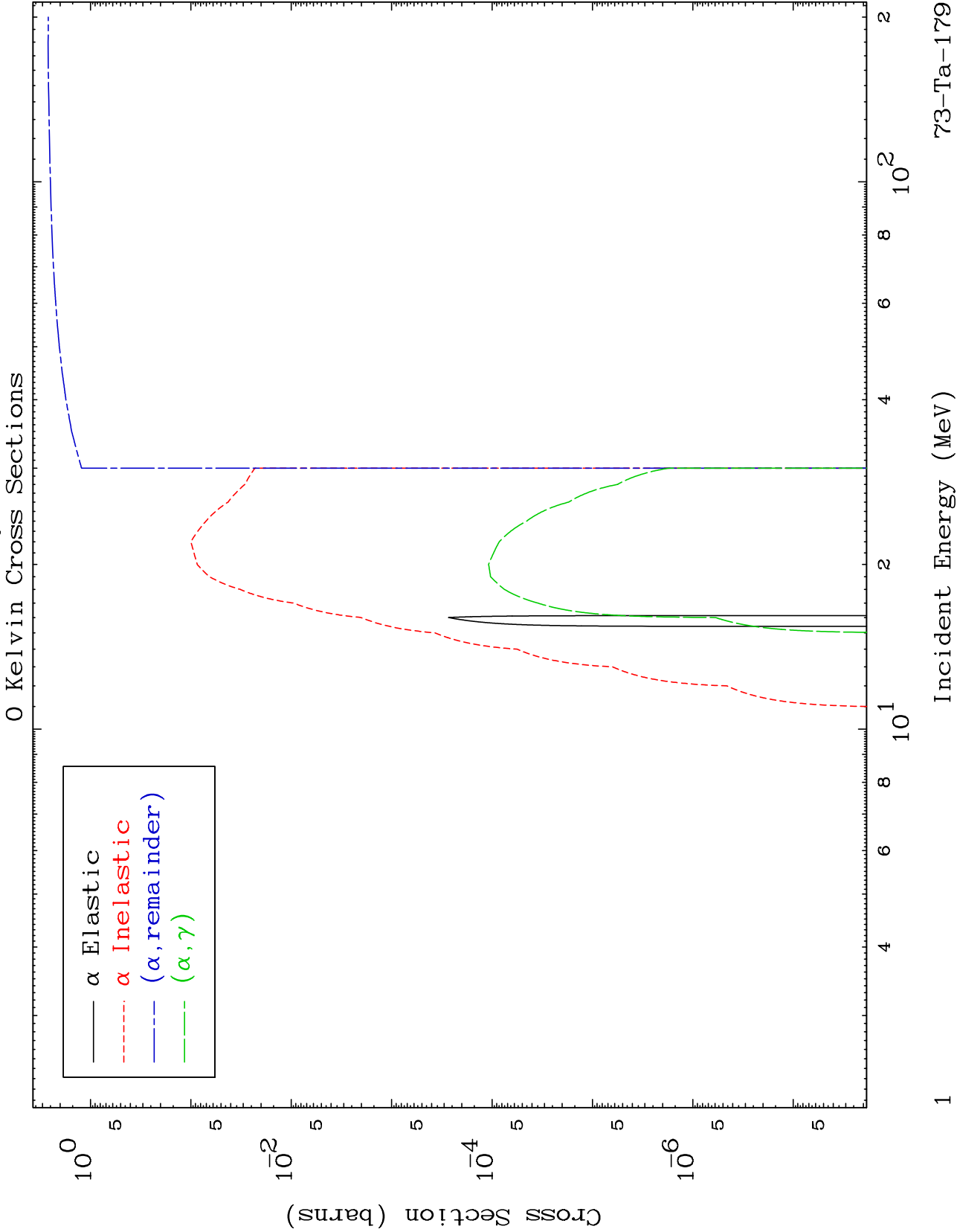
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Web: redcullen1.net/HOMEPAGE.NEW

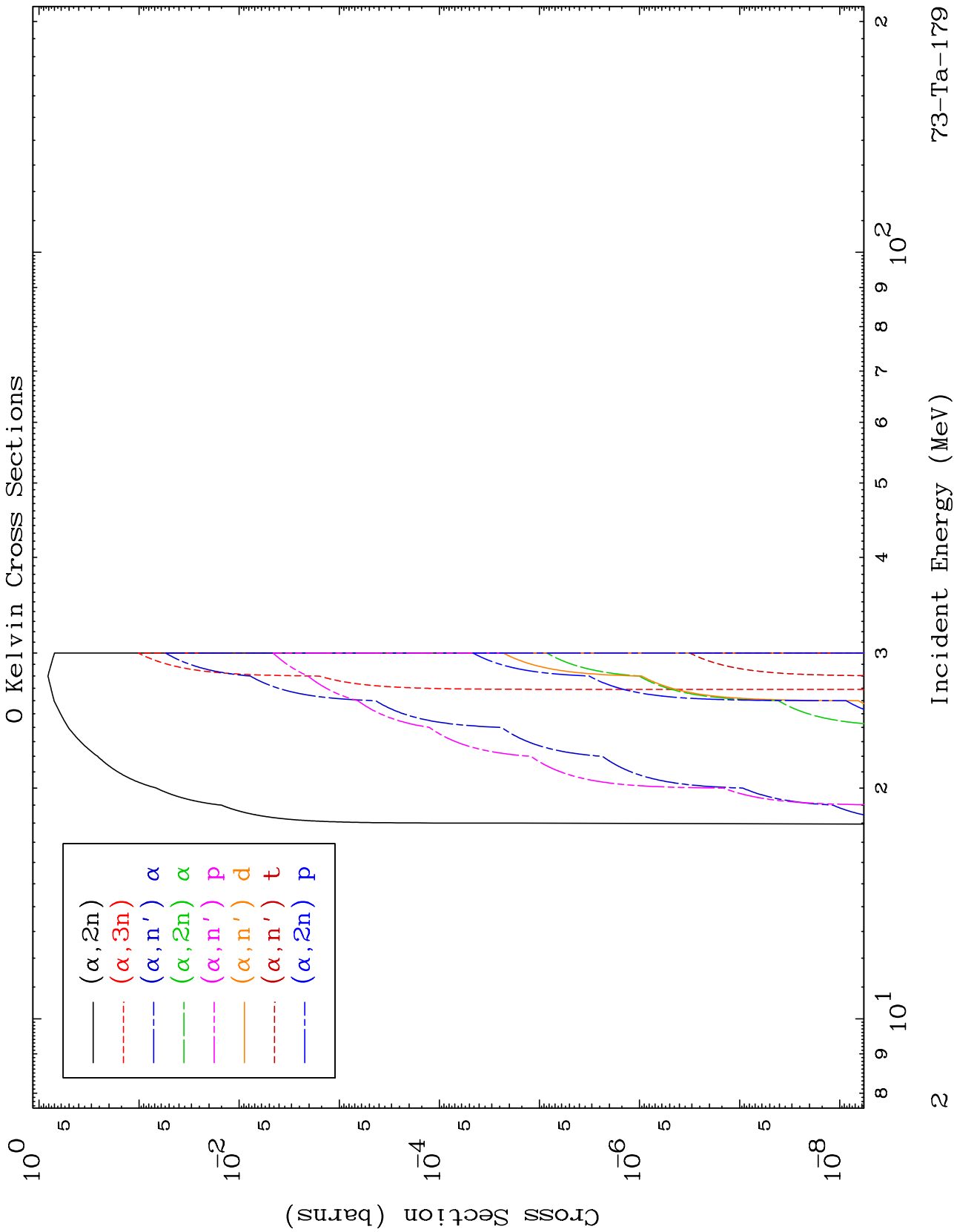
Press Mouse Button to Start



MAT 7322

α Neutron Production
0 Kelvin Cross Sections

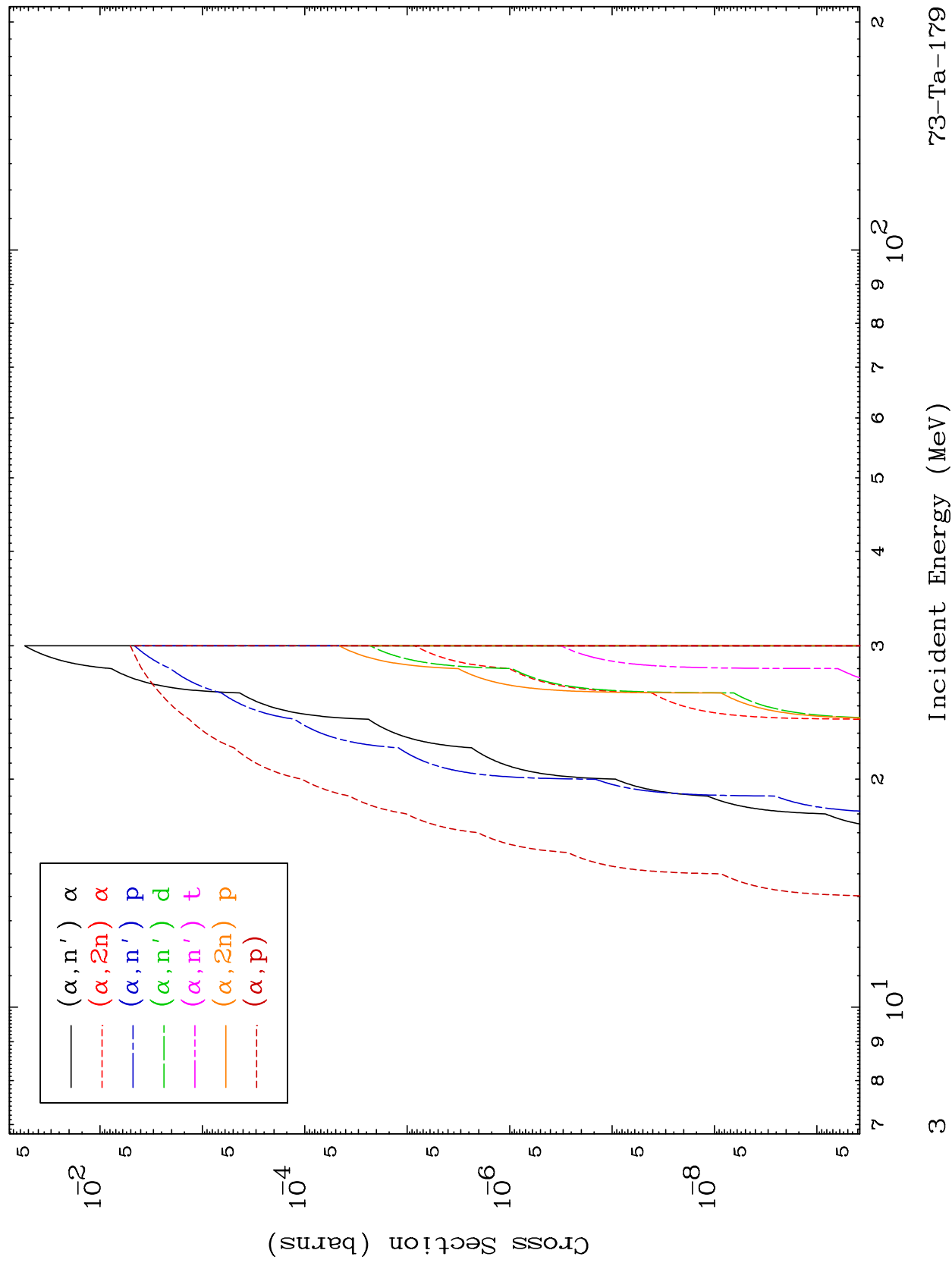
73-Ta-179



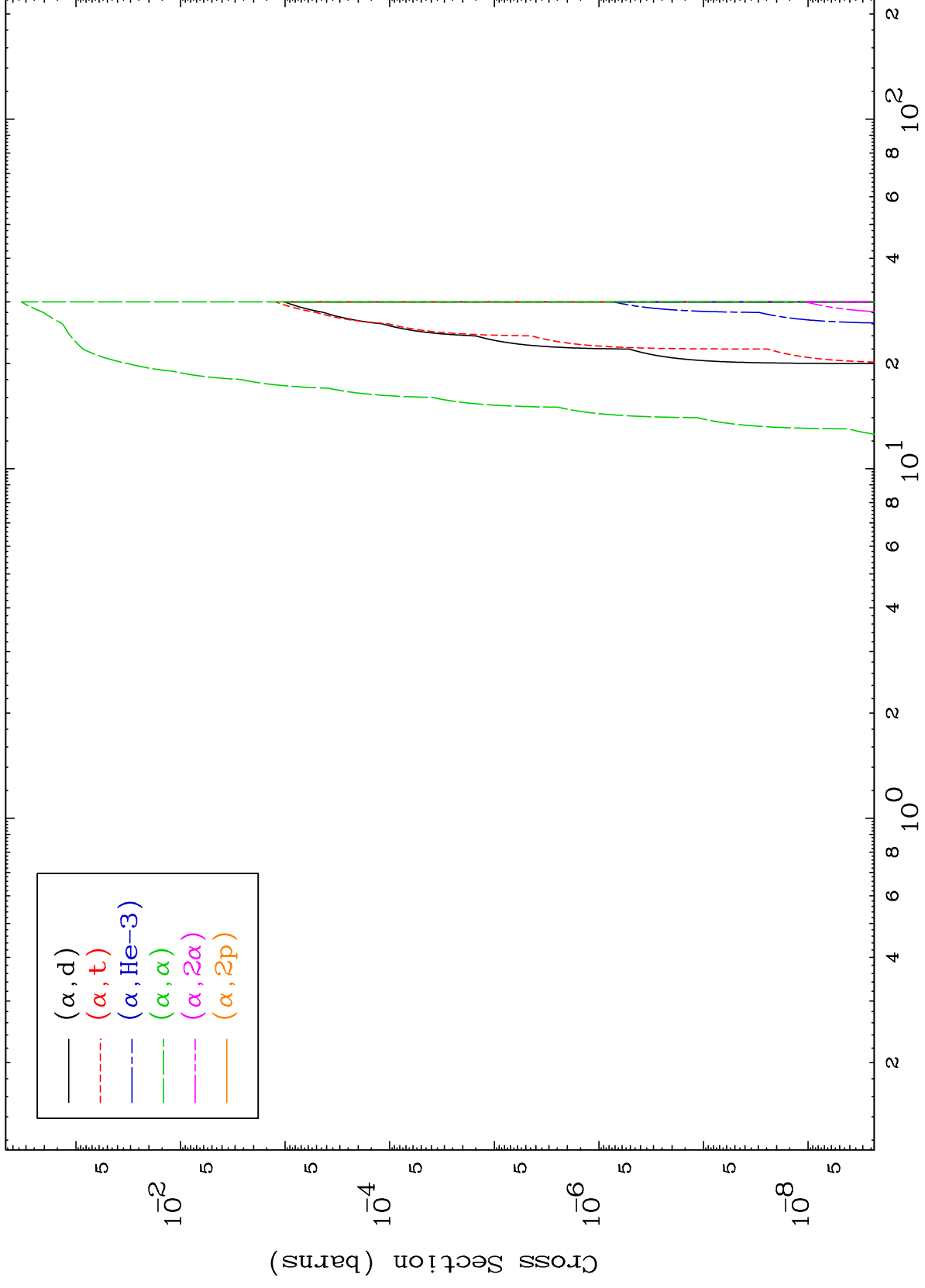
73-Ta-179

Incident Energy (MeV)

2



0 Kelvin Cross Sections



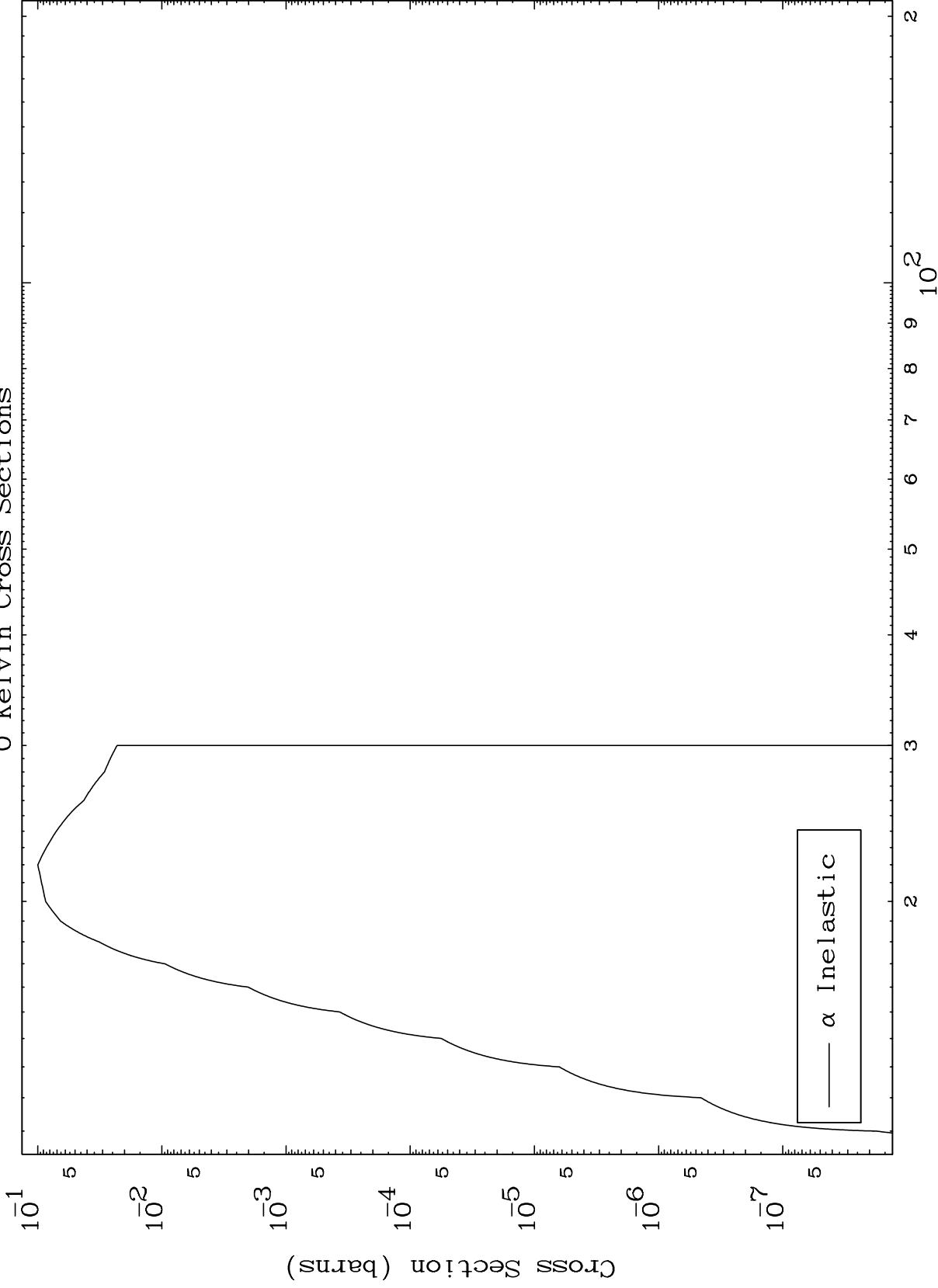
Incident Energy (MeV)

MAT 7322

(α, n') Level

73-Ta-179

0 Kelvin Cross Sections



Incident Energy (MeV)

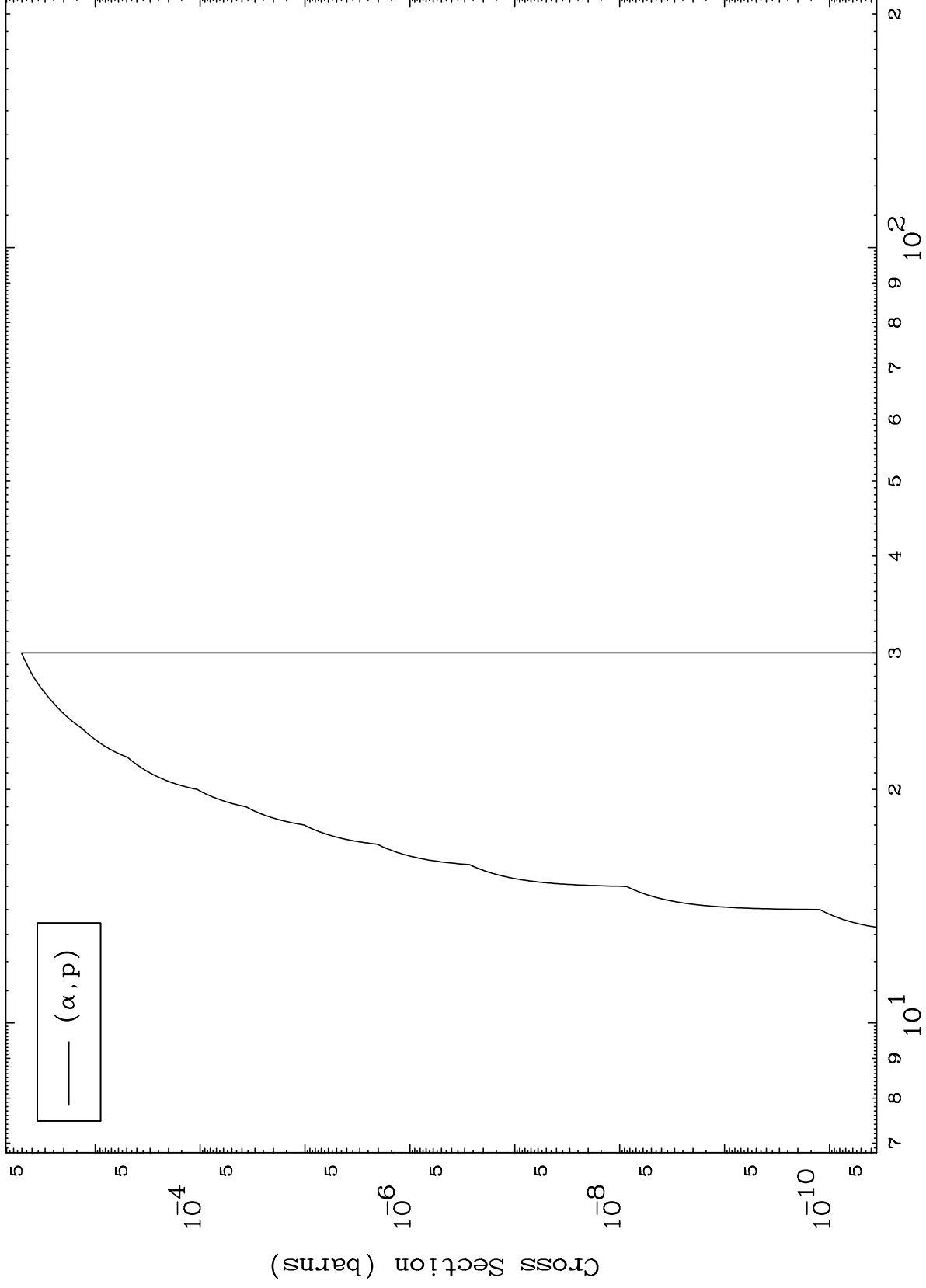
73-Ta-179

5

MAT 7322

(α, p) Levels
0 Kelvin Cross Sections

73-Ta-179



6

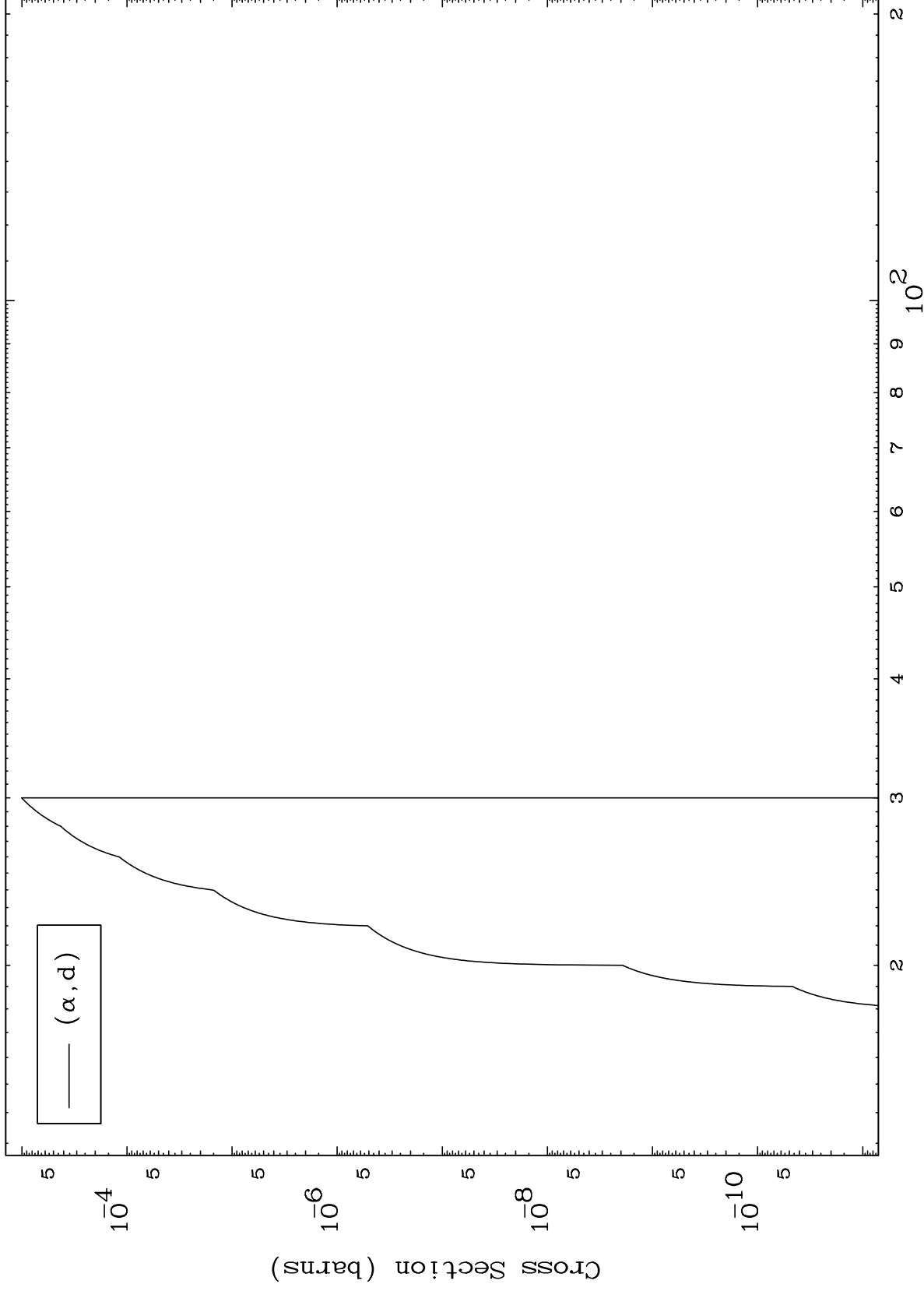
Incident Energy (MeV)

73-Ta-179

MAT 7322

(α, d) Levels
0 Kelvin Cross Sections

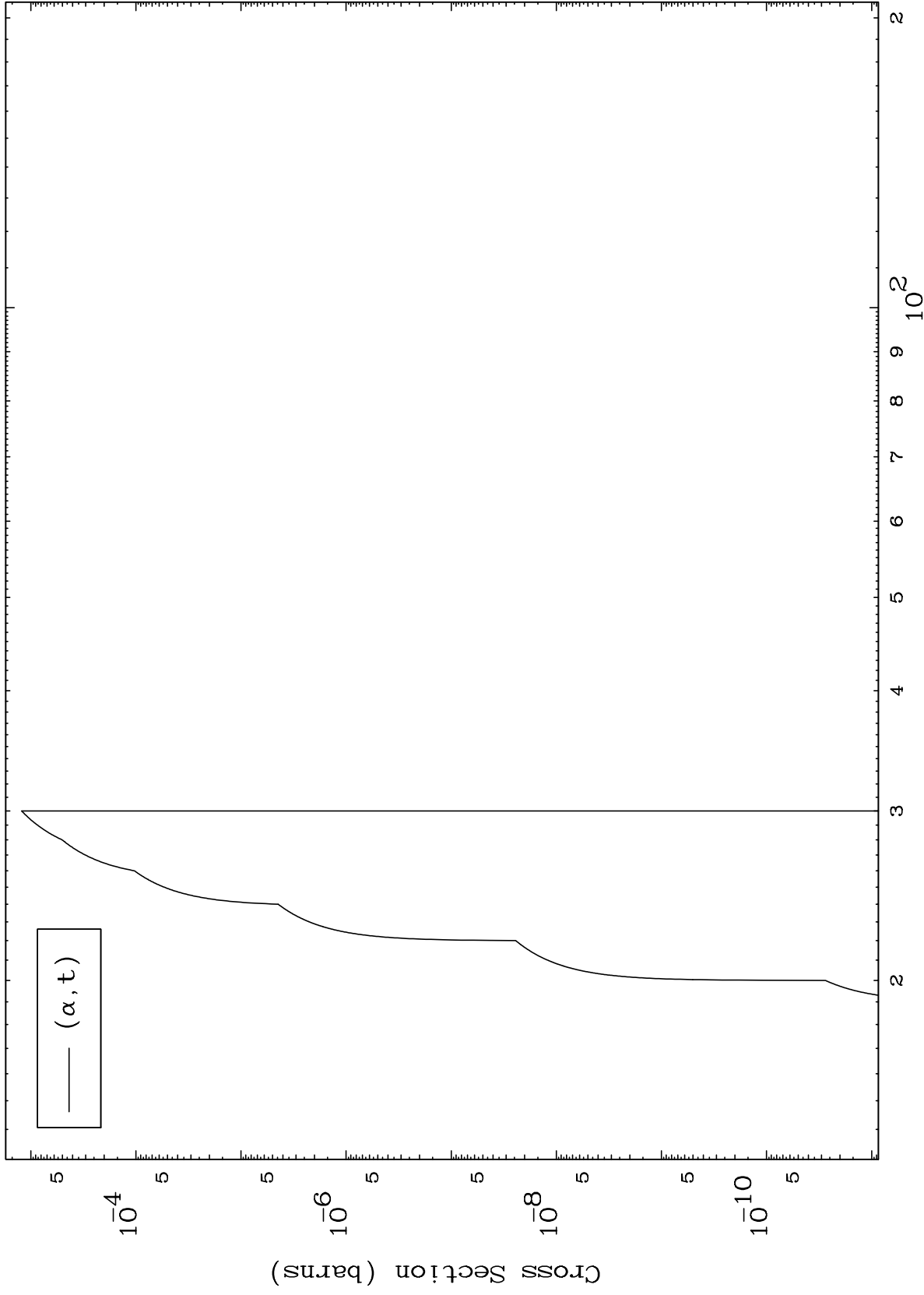
73-Ta-179

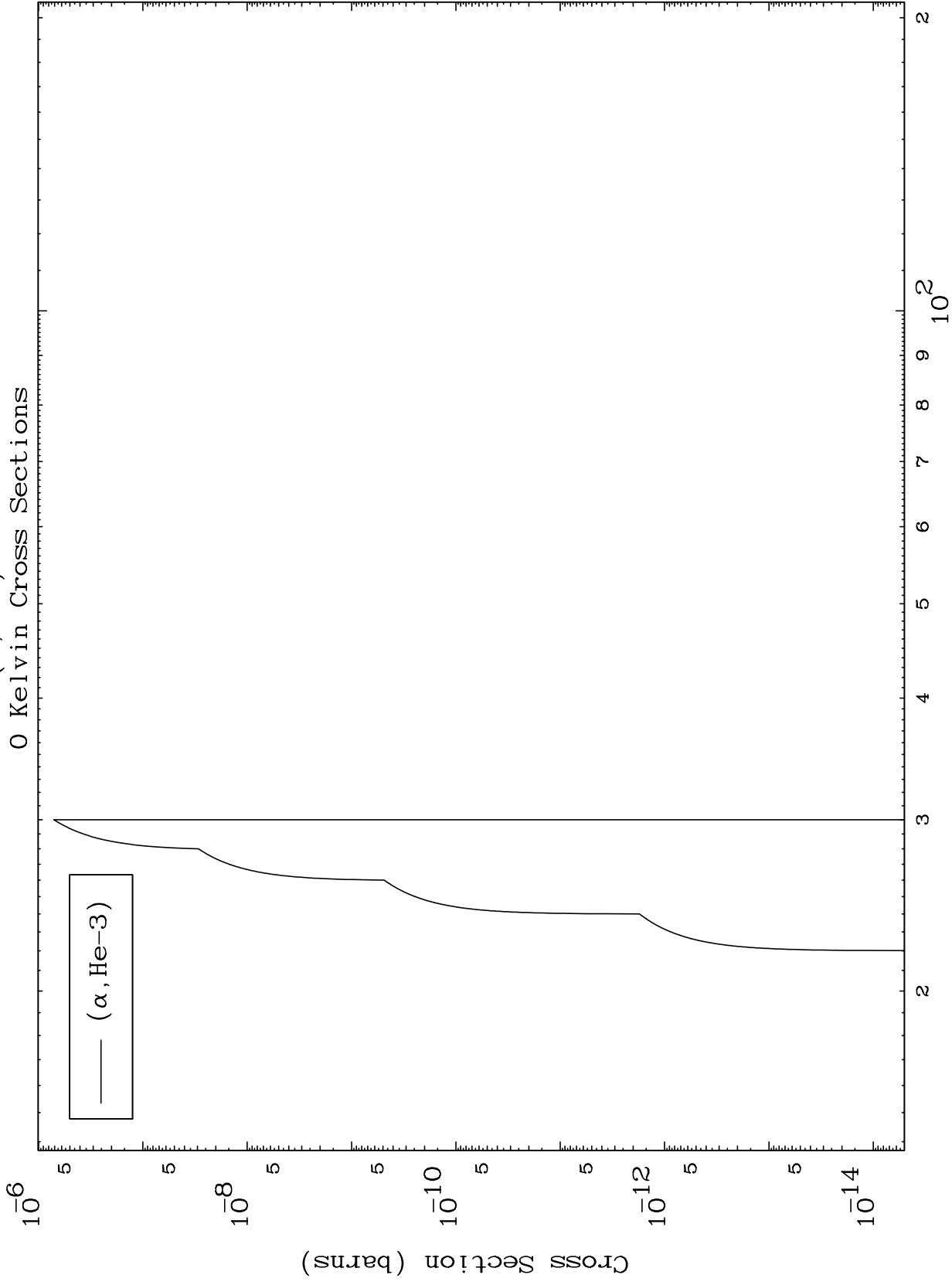


7

Incident Energy (MeV)

73-Ta-179



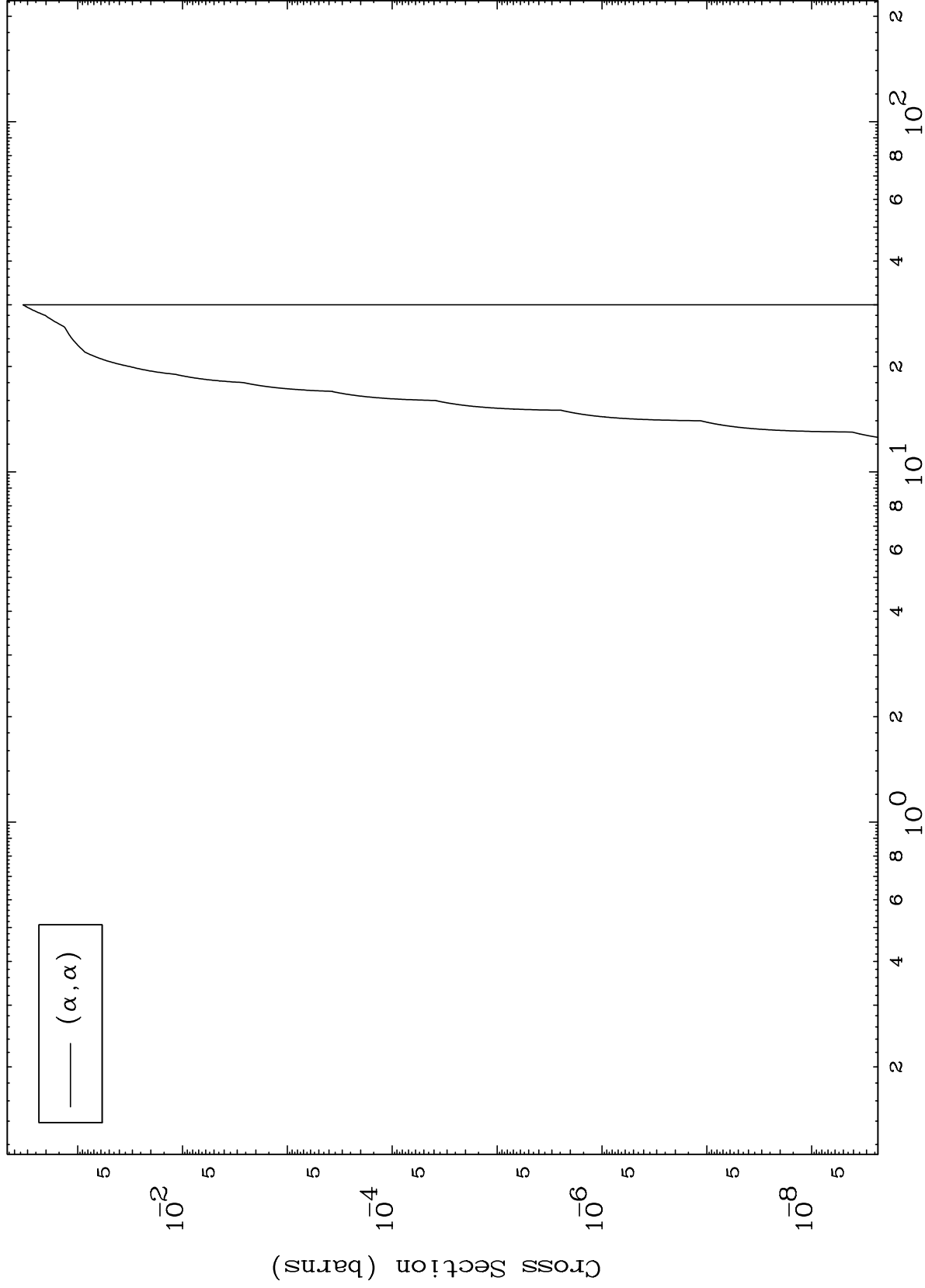


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(α, α) Levels

73-Ta-179

0 Kelvin Cross Sections



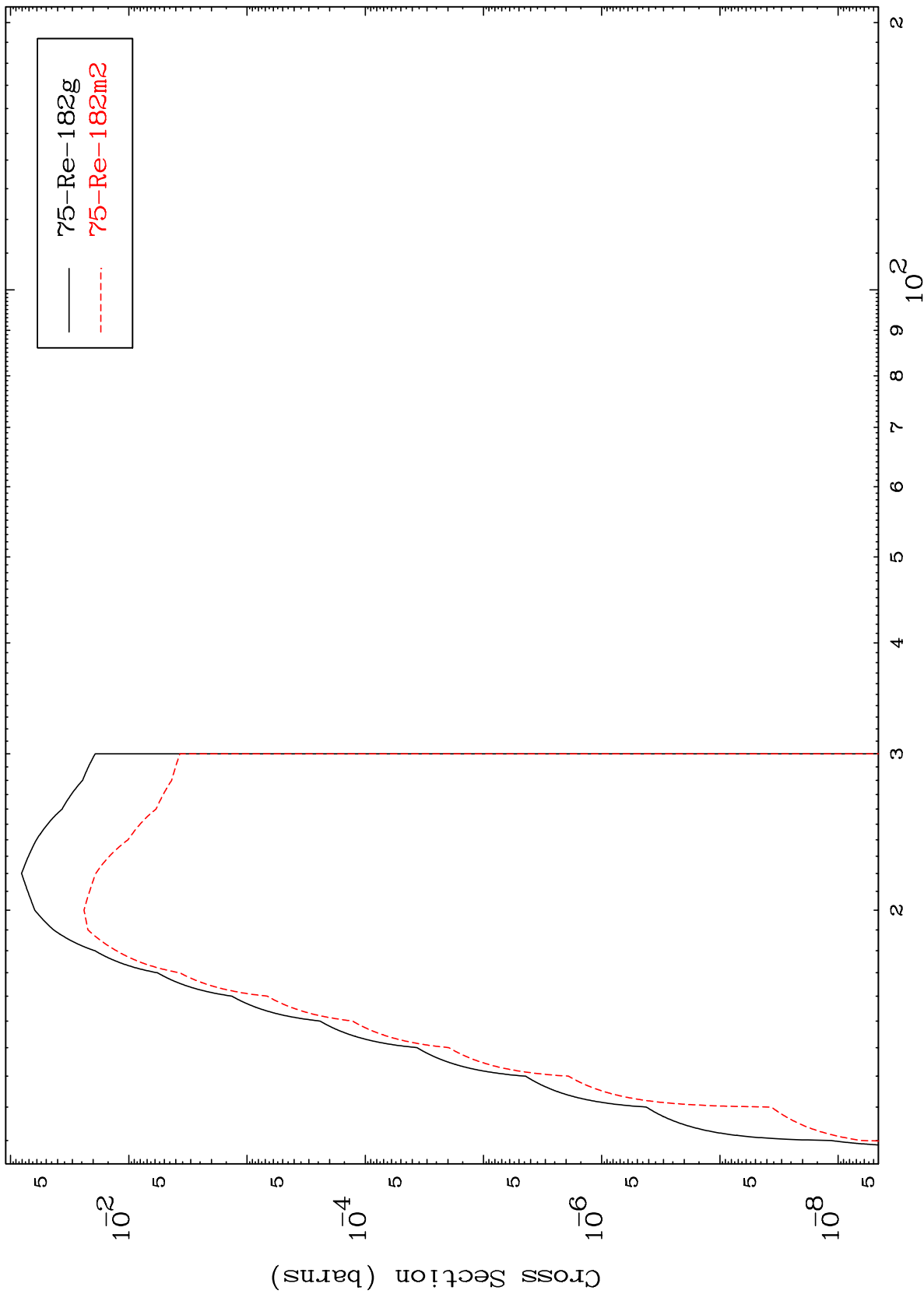
10

Incident Energy (MeV)

73-Ta-179

Radionuclide Production Cross Section

α Inelastic

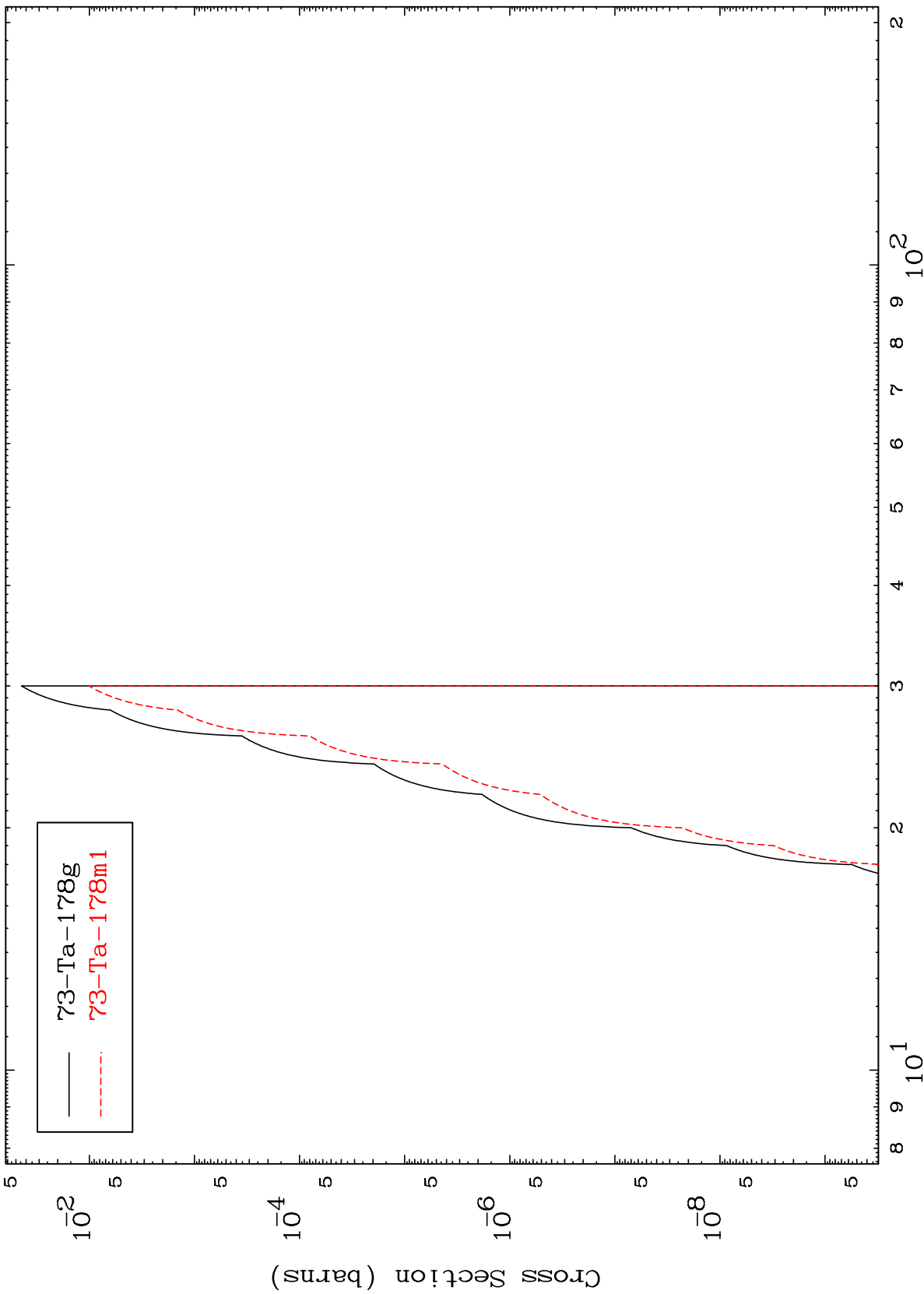


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(α, n') α

$^{73}\text{Ta-179}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

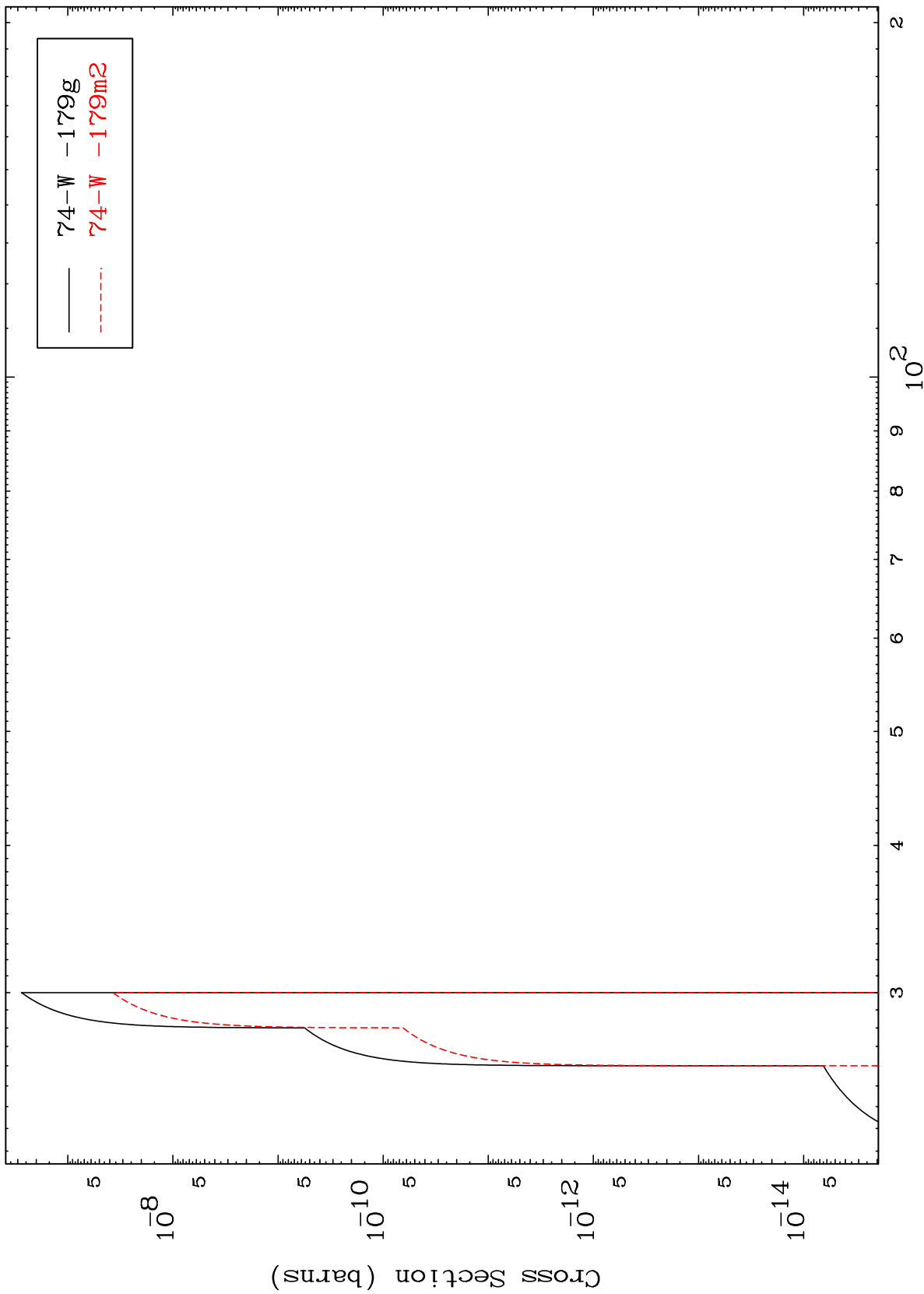
$^{73}\text{Ta-179}$

MAT 7322

(α, n') t

$^{73}\text{Ta-179}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

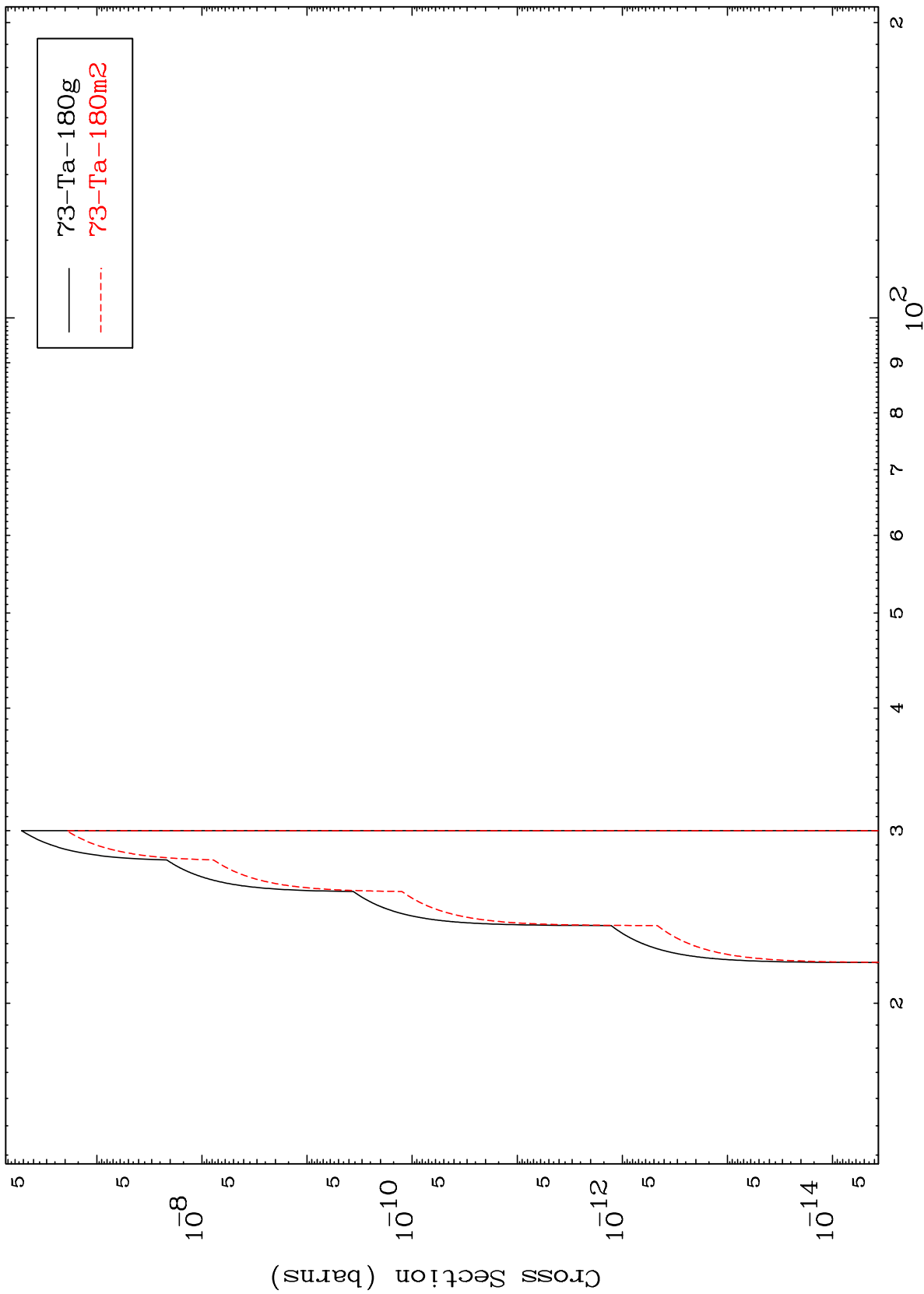
$^{73}\text{Ta-179}$

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⁷³Ta-179

(α , He-3)

Radionuclide Production Cross Section



14

⁷³Ta-179

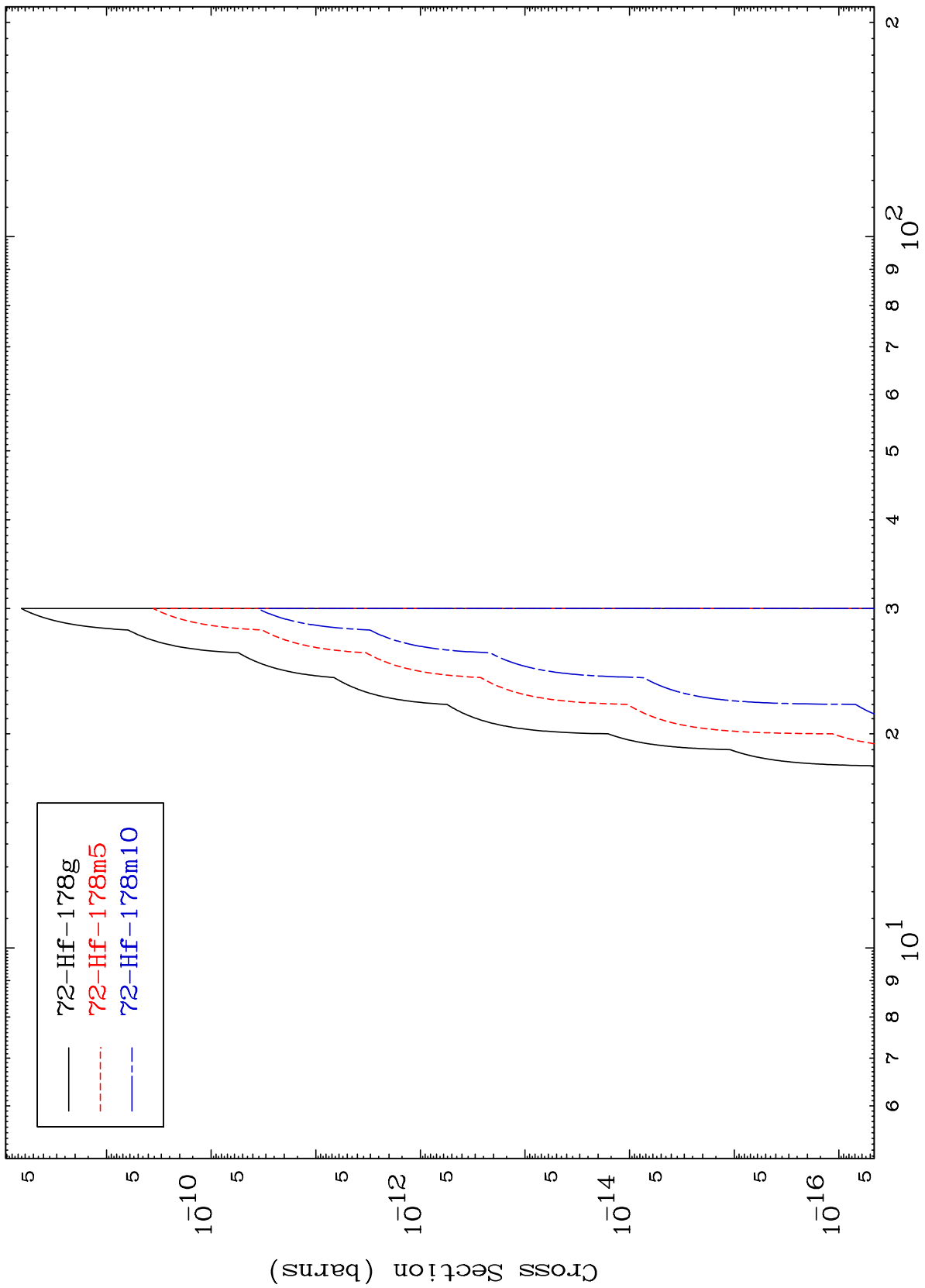
Incident Energy (MeV)

MAT 7322

(α, p) α

$^{73}\text{Ta-179}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

$^{73}\text{Ta-179}$