

Program EVALPLOT
(Version 2018-1)

by

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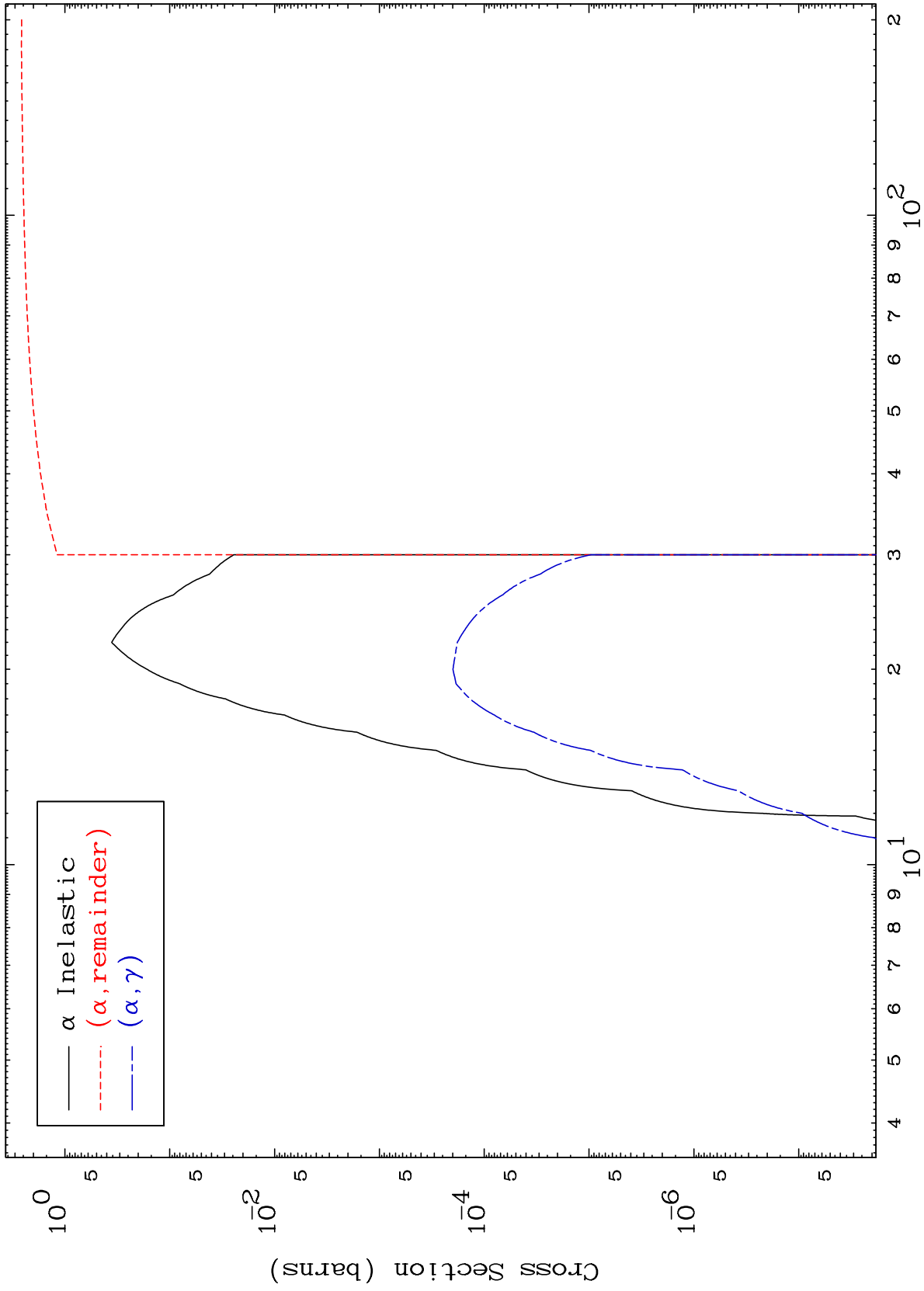
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7307

0 Kelvin α Major Cross Sections

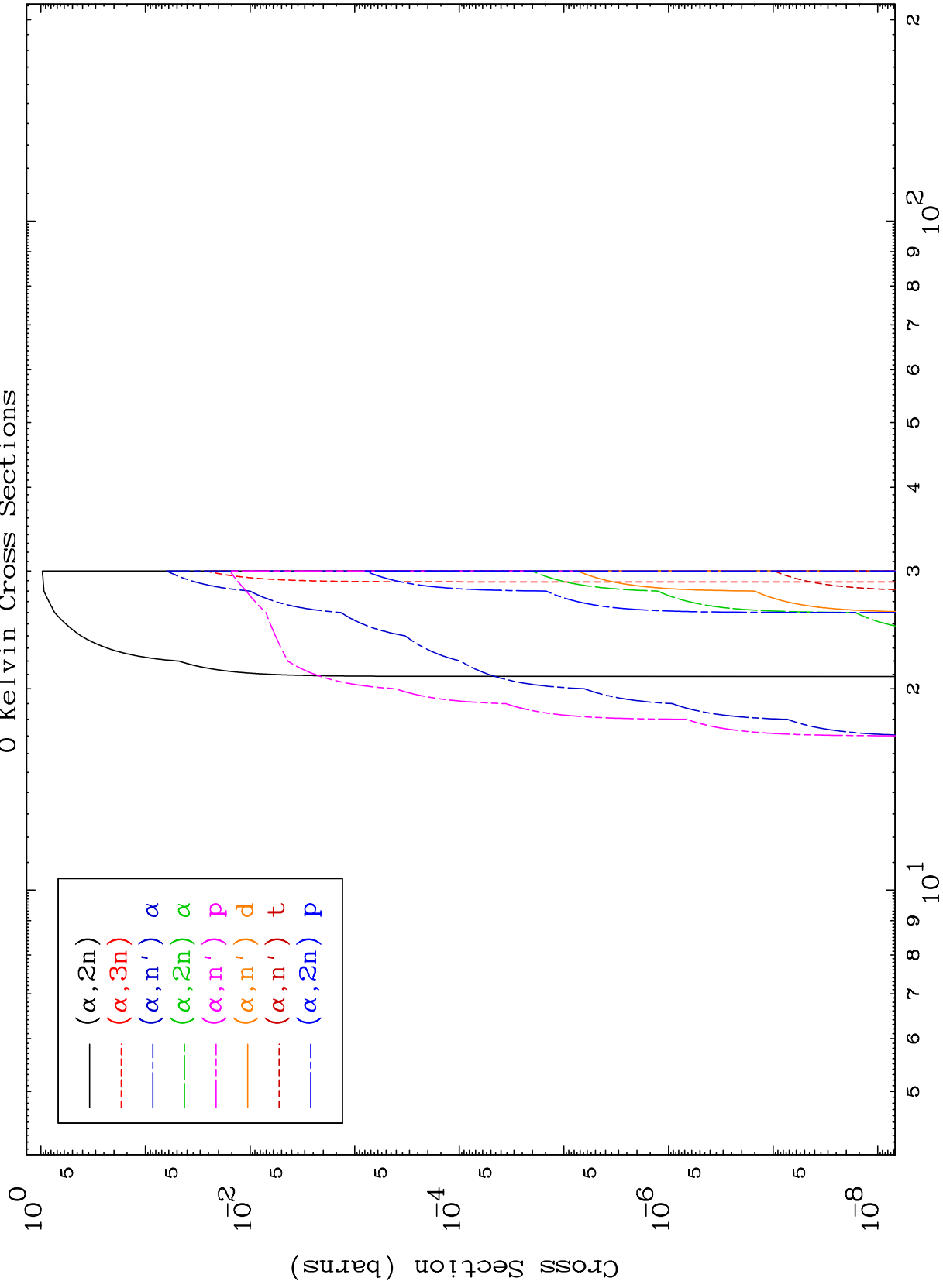
73-Ta-174



MAT 7307

α Neutron Production
0 Kelvin Cross Sections

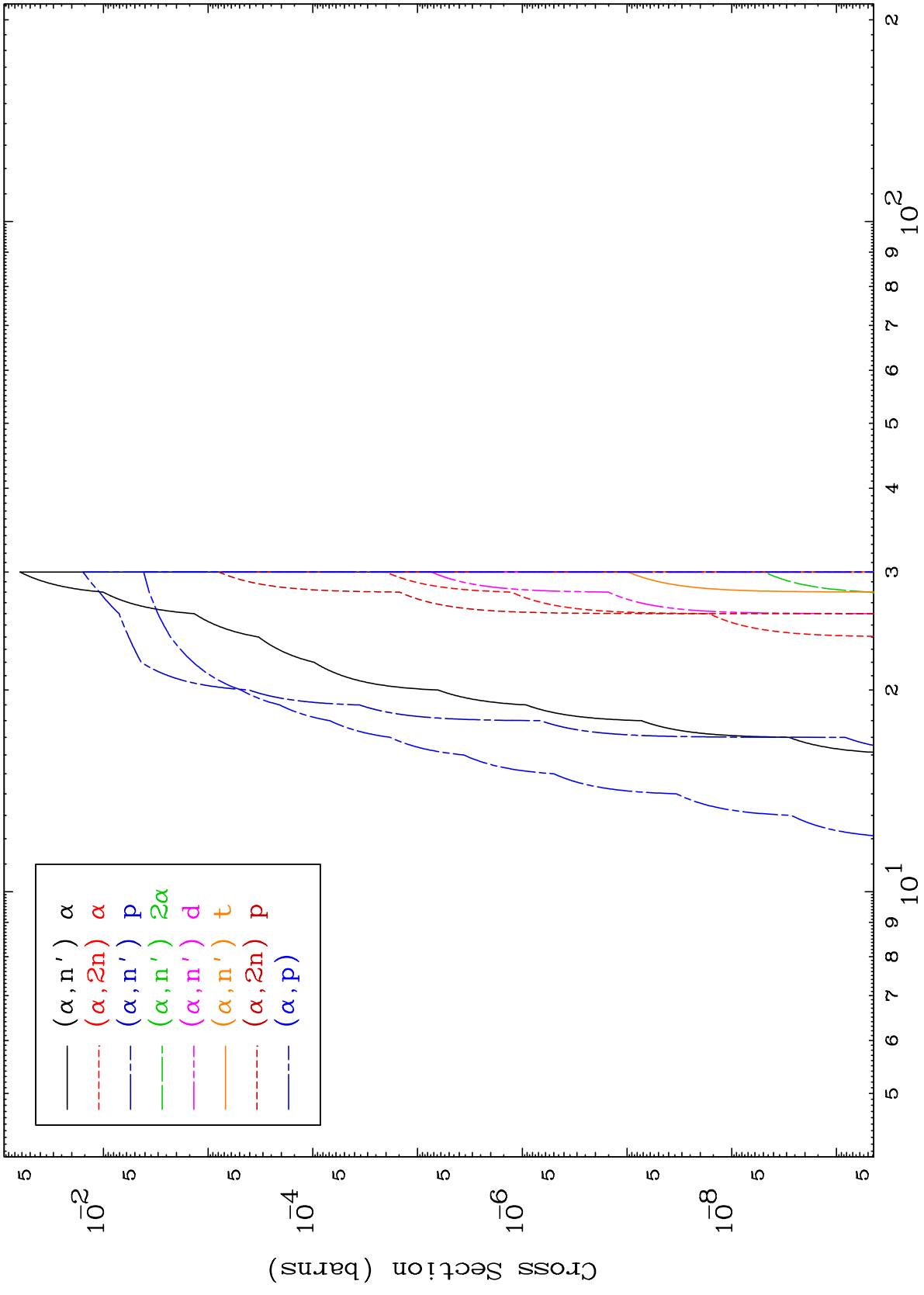
73-Ta-174



2

Incident Energy (MeV)

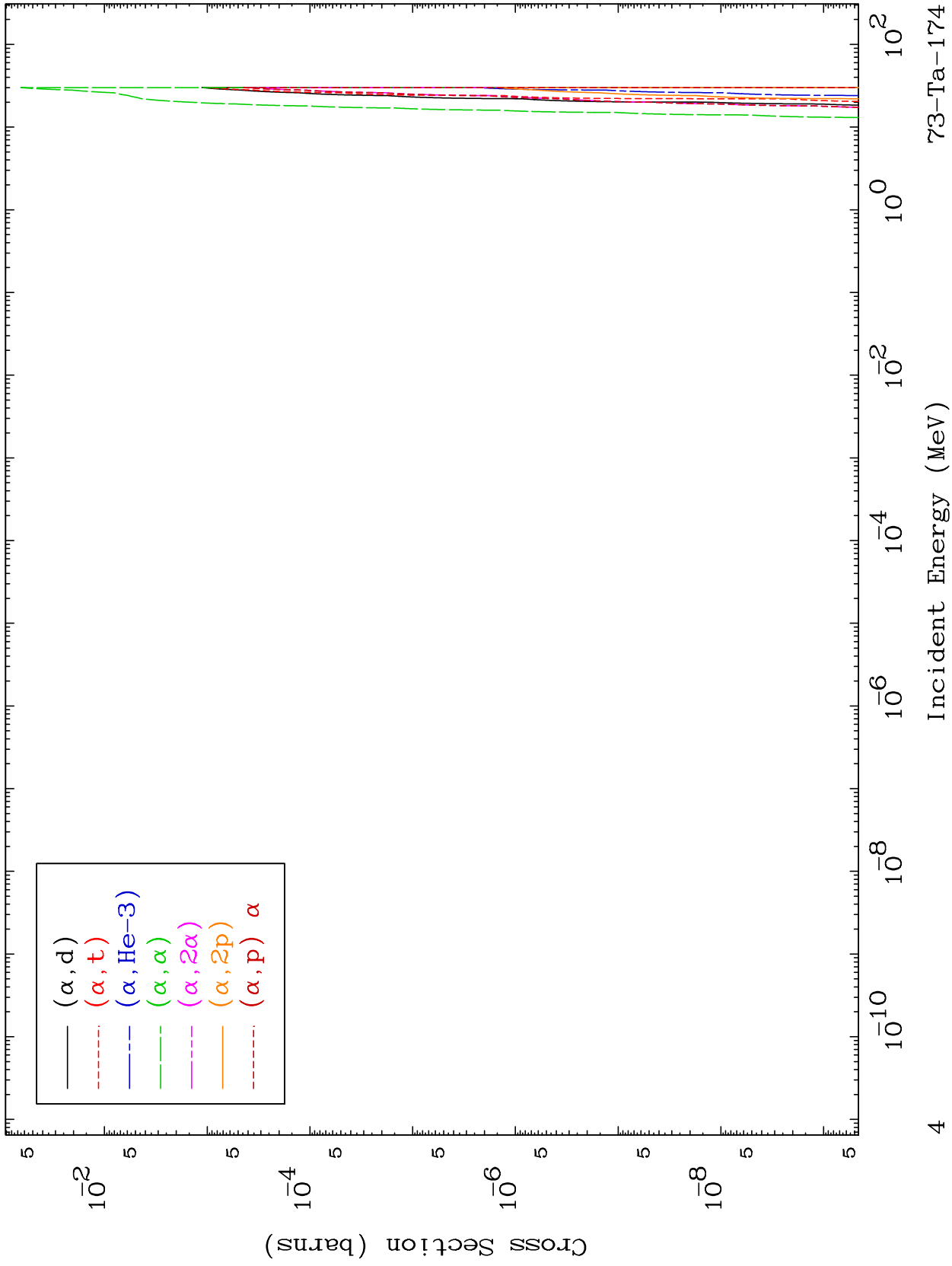
73-Ta-174



MAT 7307

α Charged Particle
0 Kelvin Cross Sections

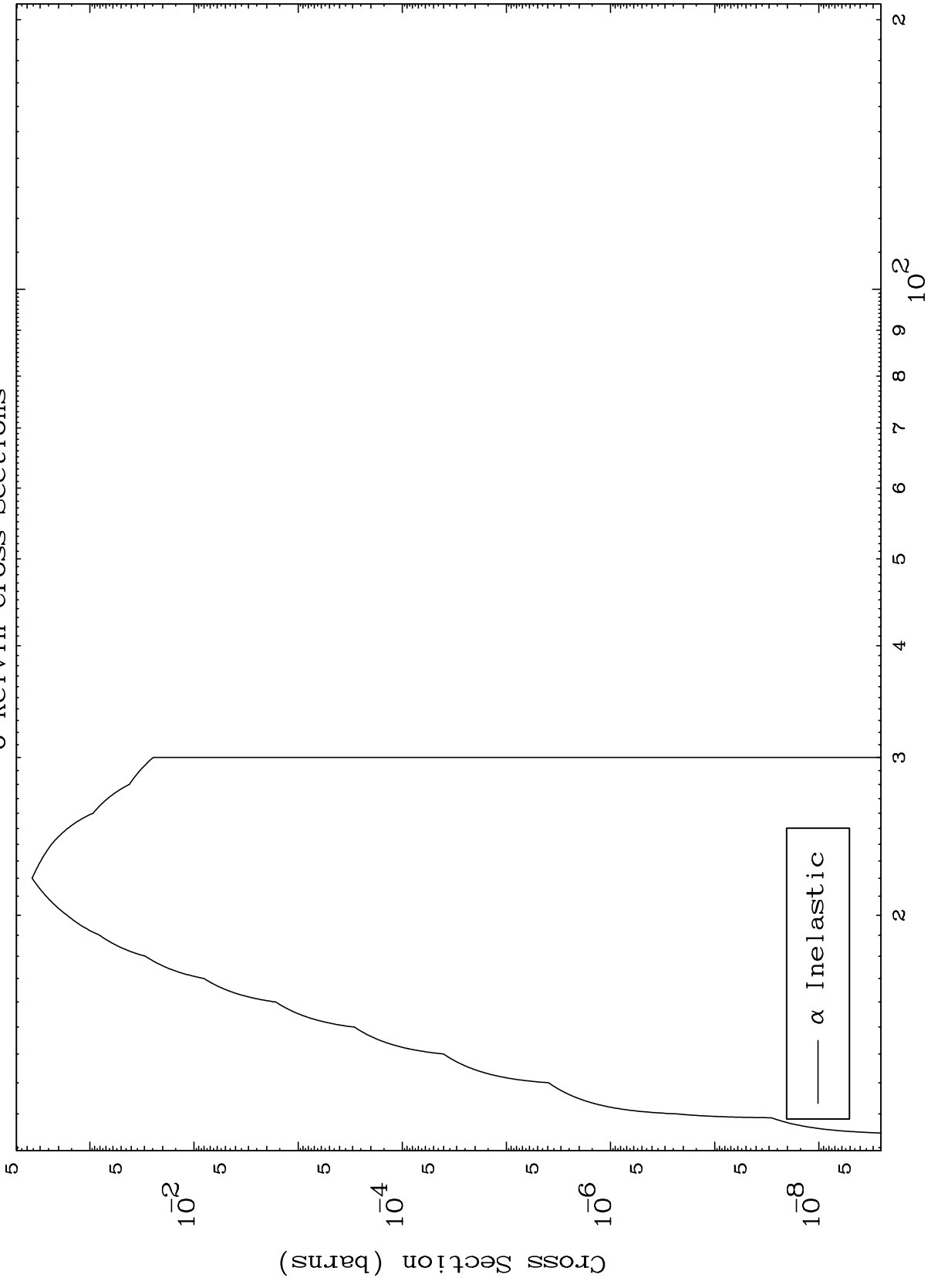
73-Ta-174



MAT 7307

(α, n') Level
0 Kelvin Cross Sections

73-Ta-174



5

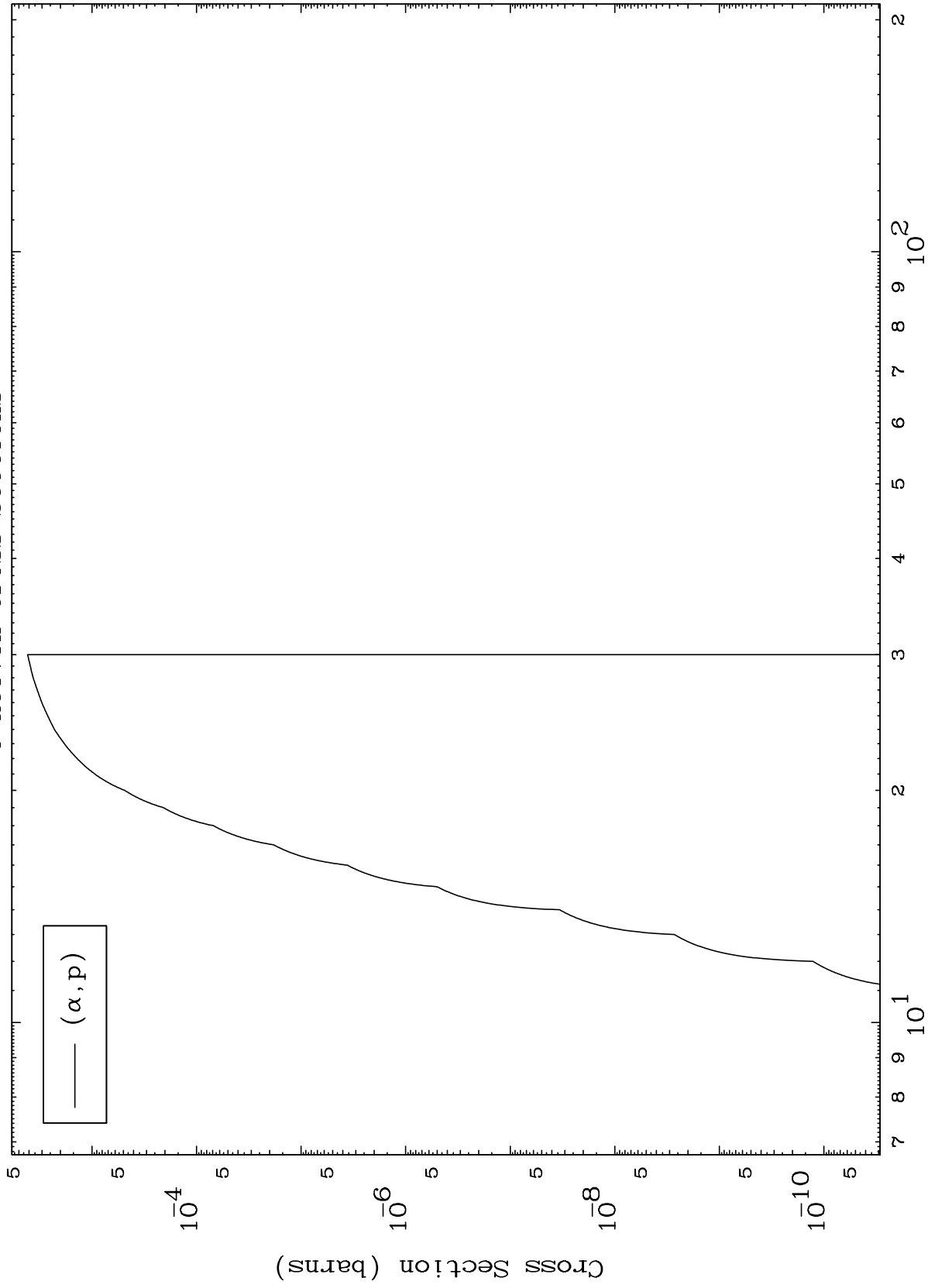
Incident Energy (MeV)

73-Ta-174

MAT 7307

(α, p) Levels
0 Kelvin Cross Sections

$^{73}\text{Ta-174}$



6

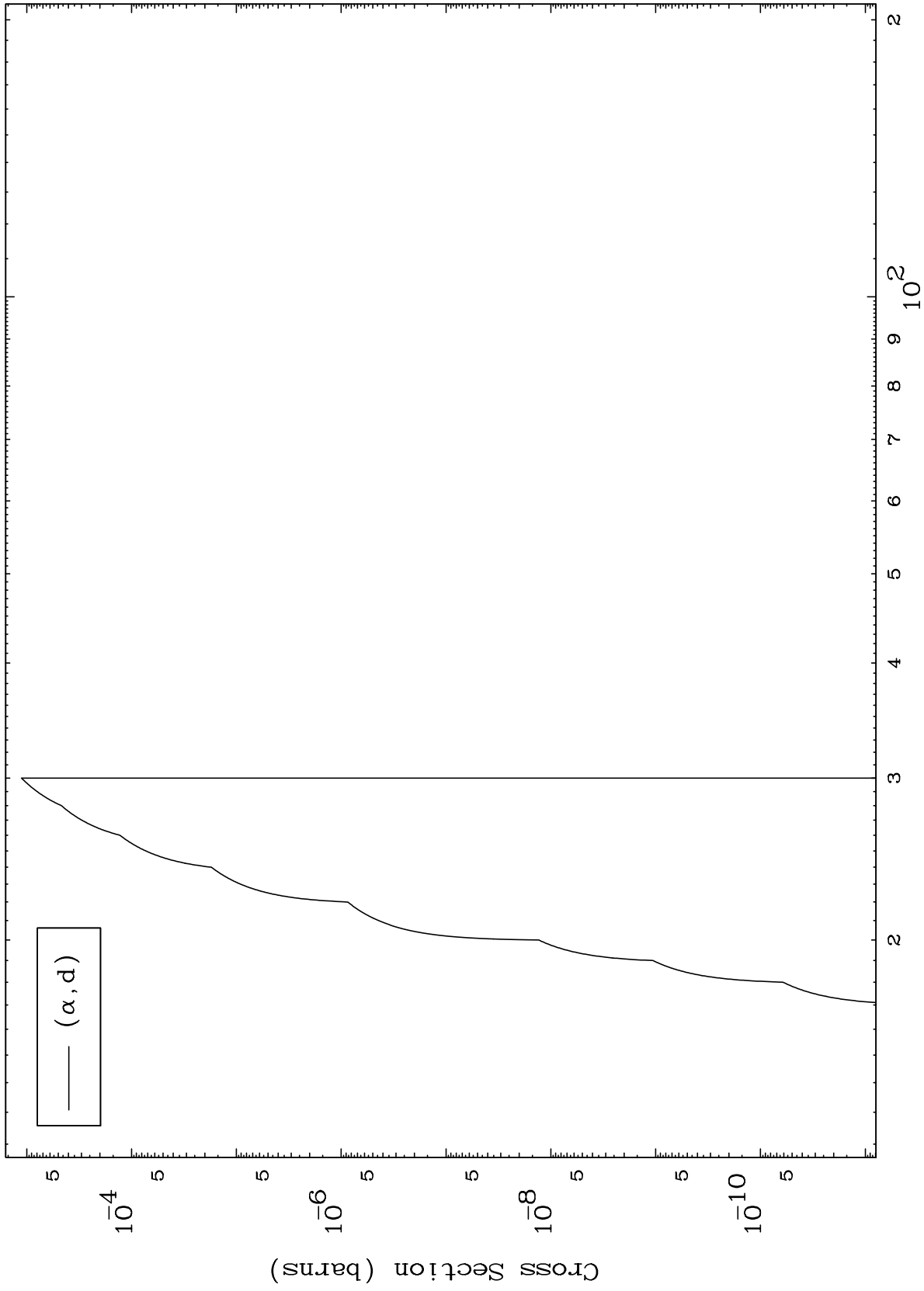
Incident Energy (MeV)

$^{73}\text{Ta-174}$

MAT 7307

(α, d) Levels
0 Kelvin Cross Sections

73-Ta-174



7

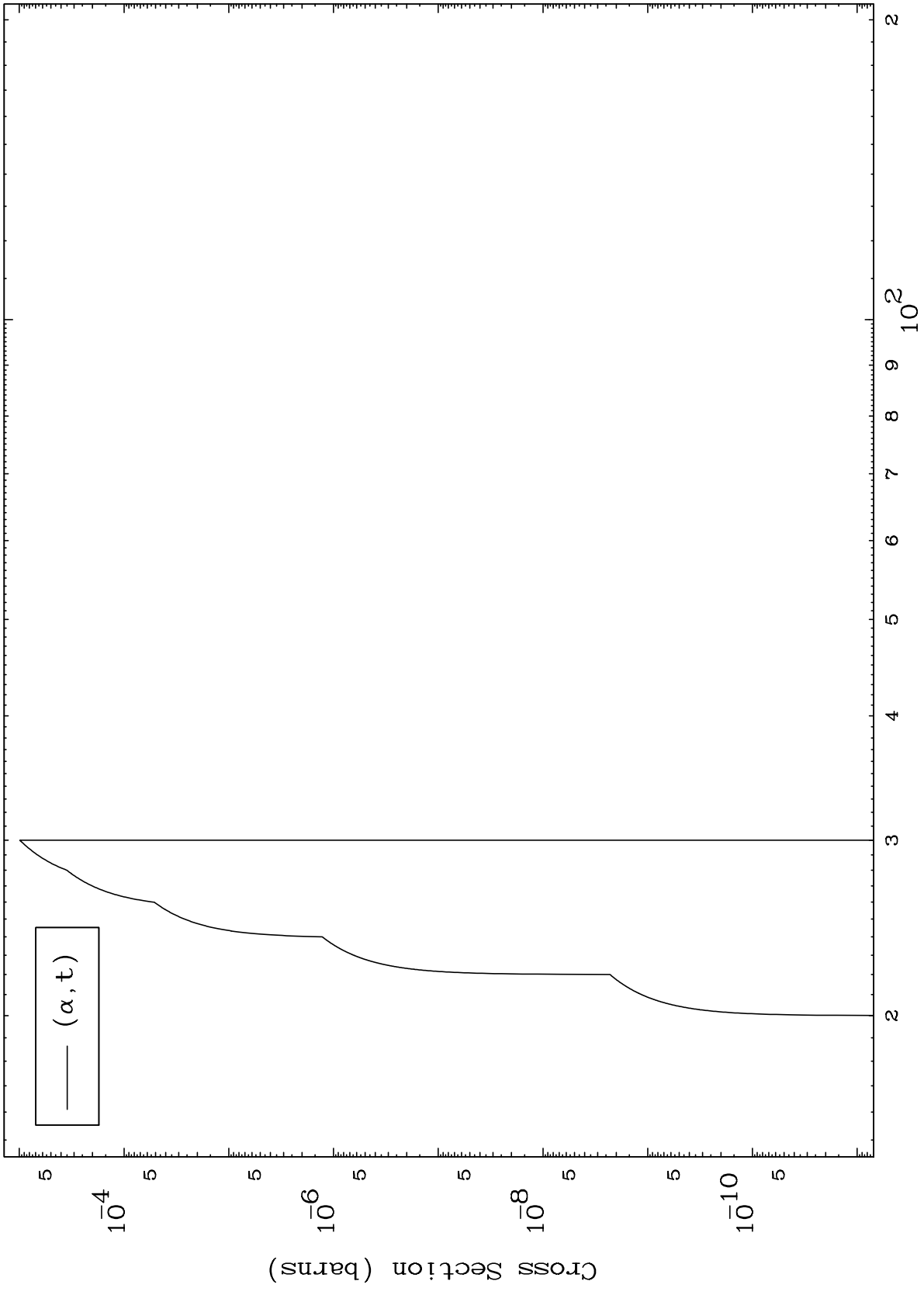
Incident Energy (MeV)

73-Ta-174

MAT 7307

(α, t) Levels
0 Kelvin Cross Sections

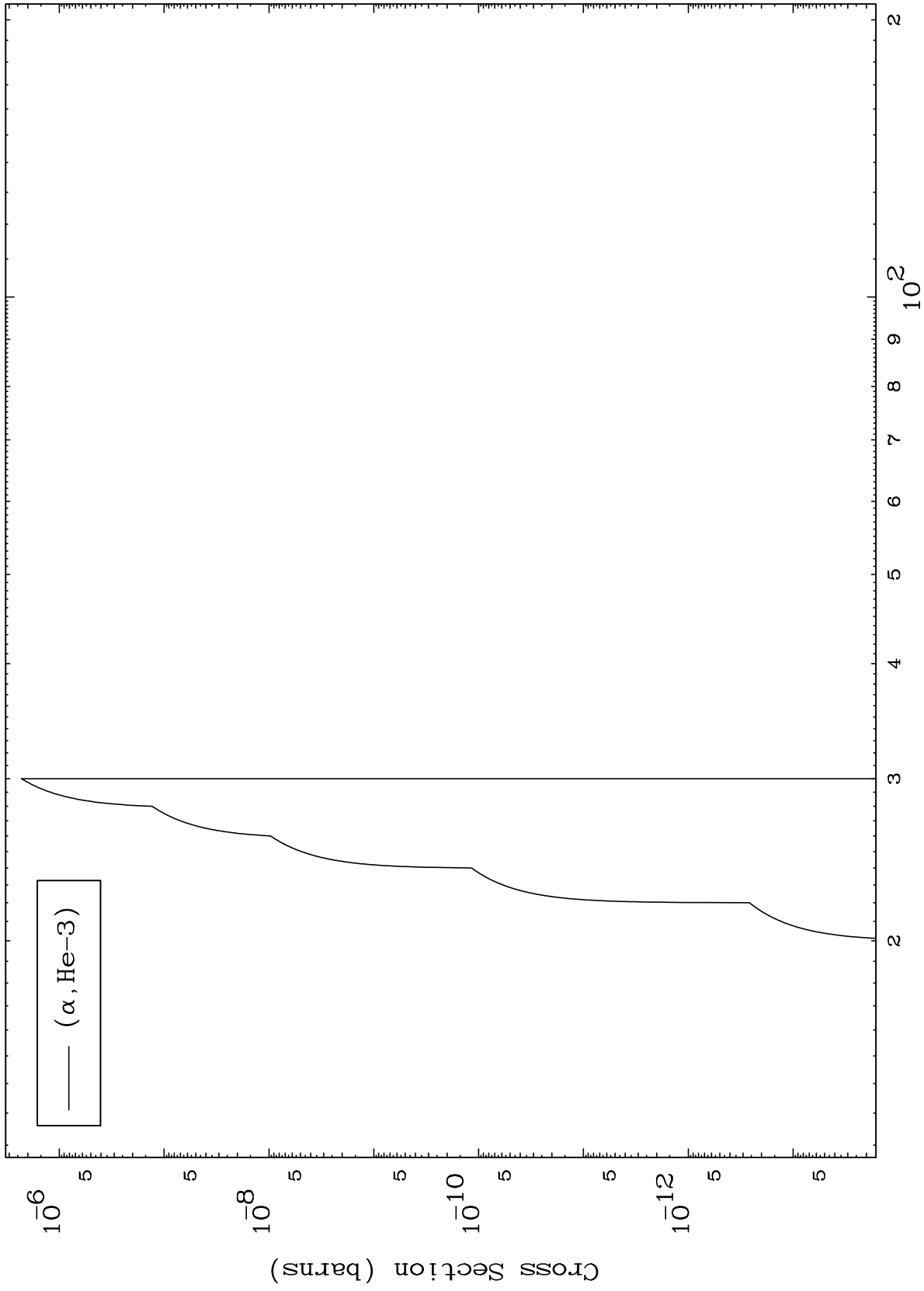
73-Ta-174



8

Incident Energy (MeV)

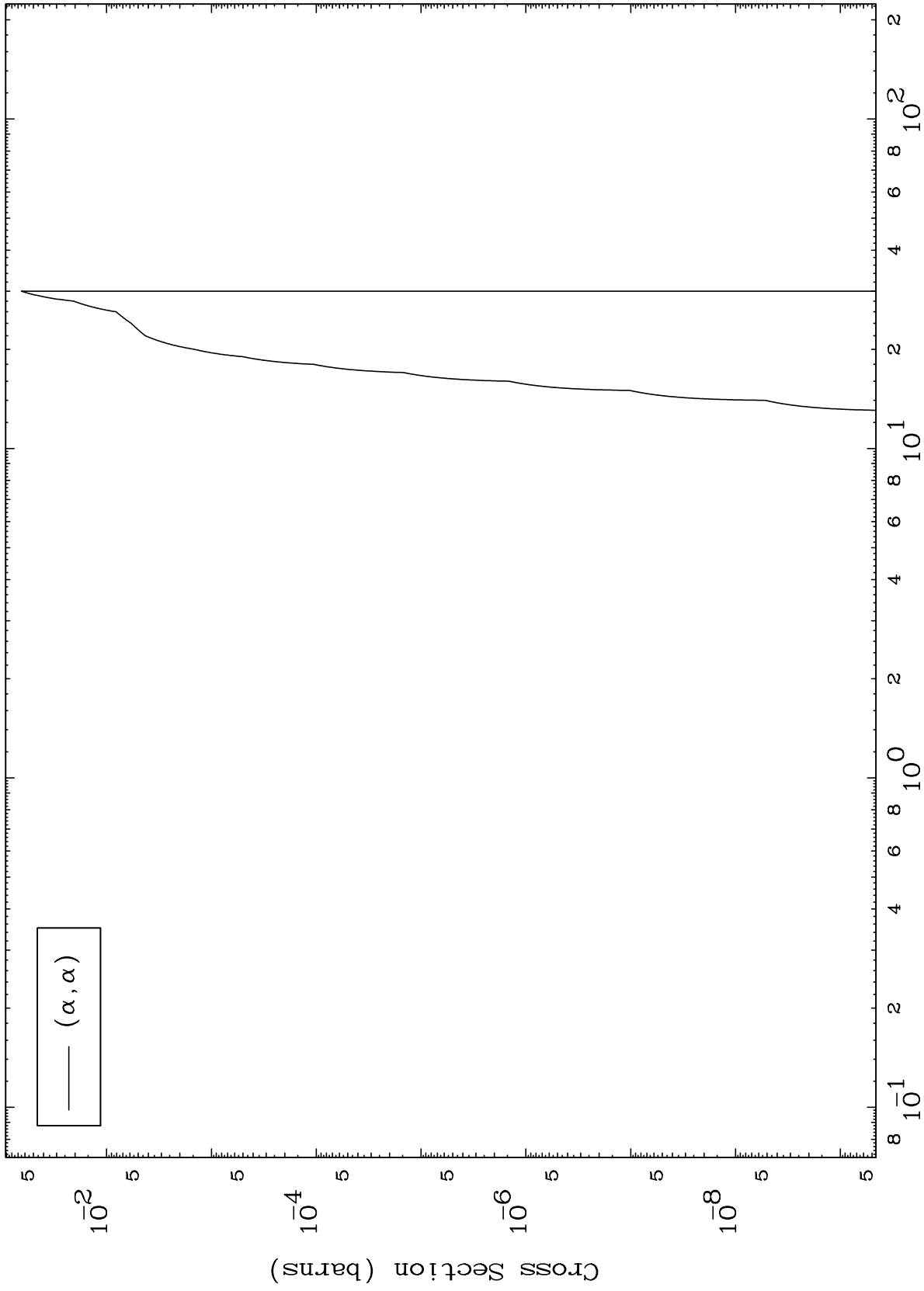
73-Ta-174



MAT 7307

(α, α) Levels
0 Kelvin Cross Sections

73-Ta-174



10

Incident Energy (MeV)

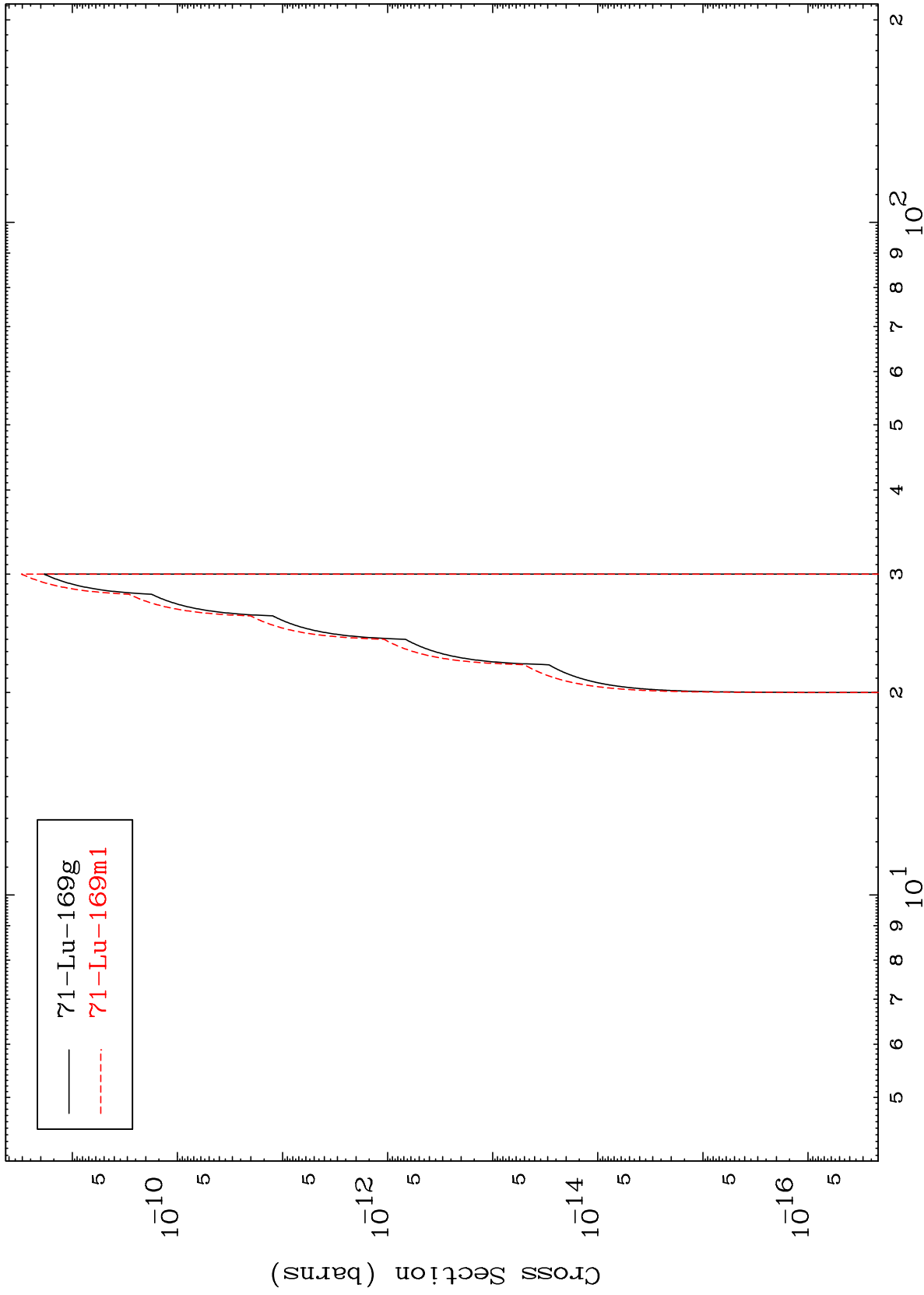
73-Ta-174

MAT 7307

(α, n') 2α

$^{73}\text{Ta-174}$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

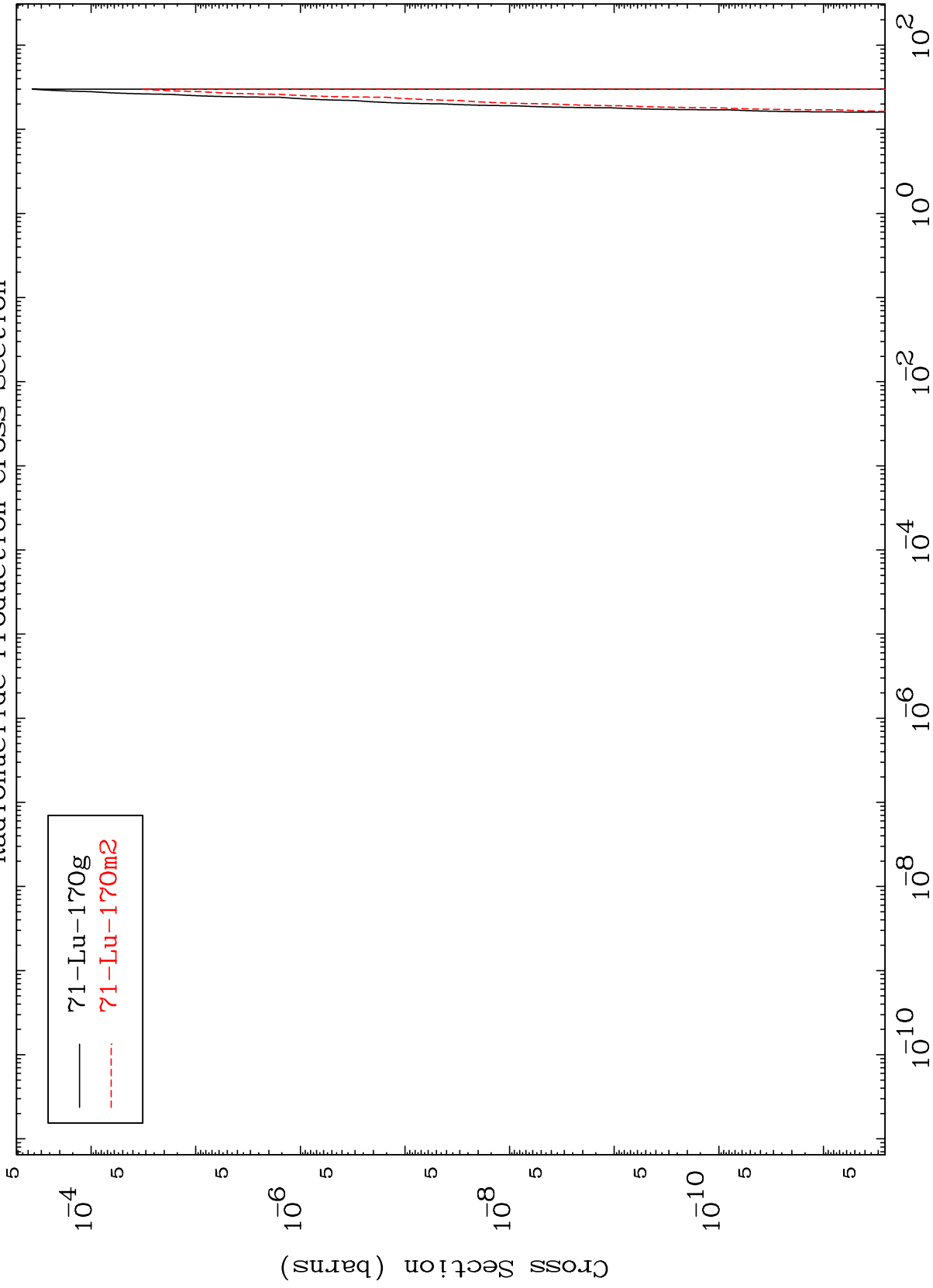
$^{73}\text{Ta-174}$

MAT 7307

($\alpha, 2\alpha$)

⁷³Ta-174

Radionuclide Production Cross Section



12

Incident Energy (MeV)

⁷³Ta-174