

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

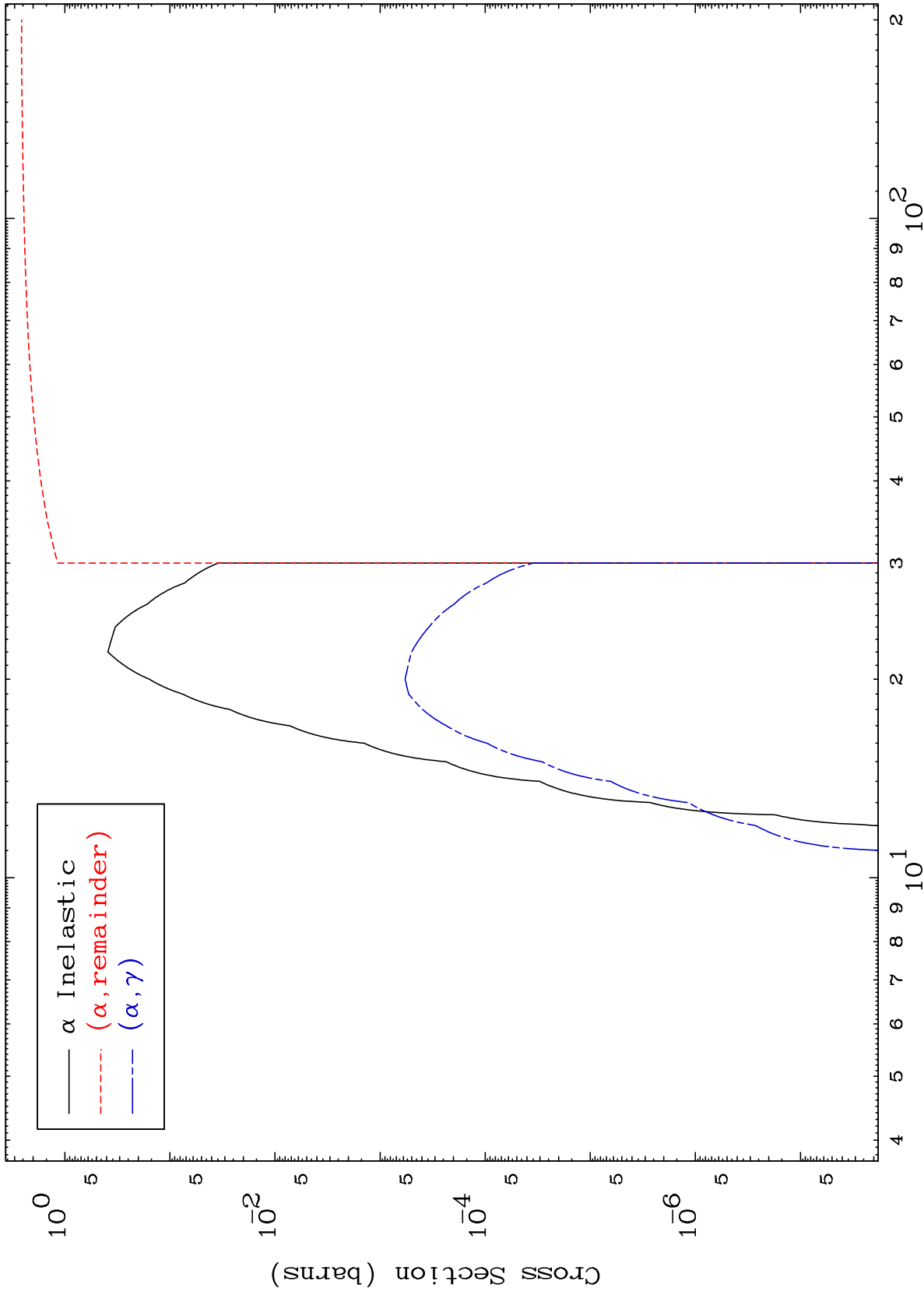
Press Mouse Button to Start

MAT 7301

0 Kelvin

α Major Cross Sections

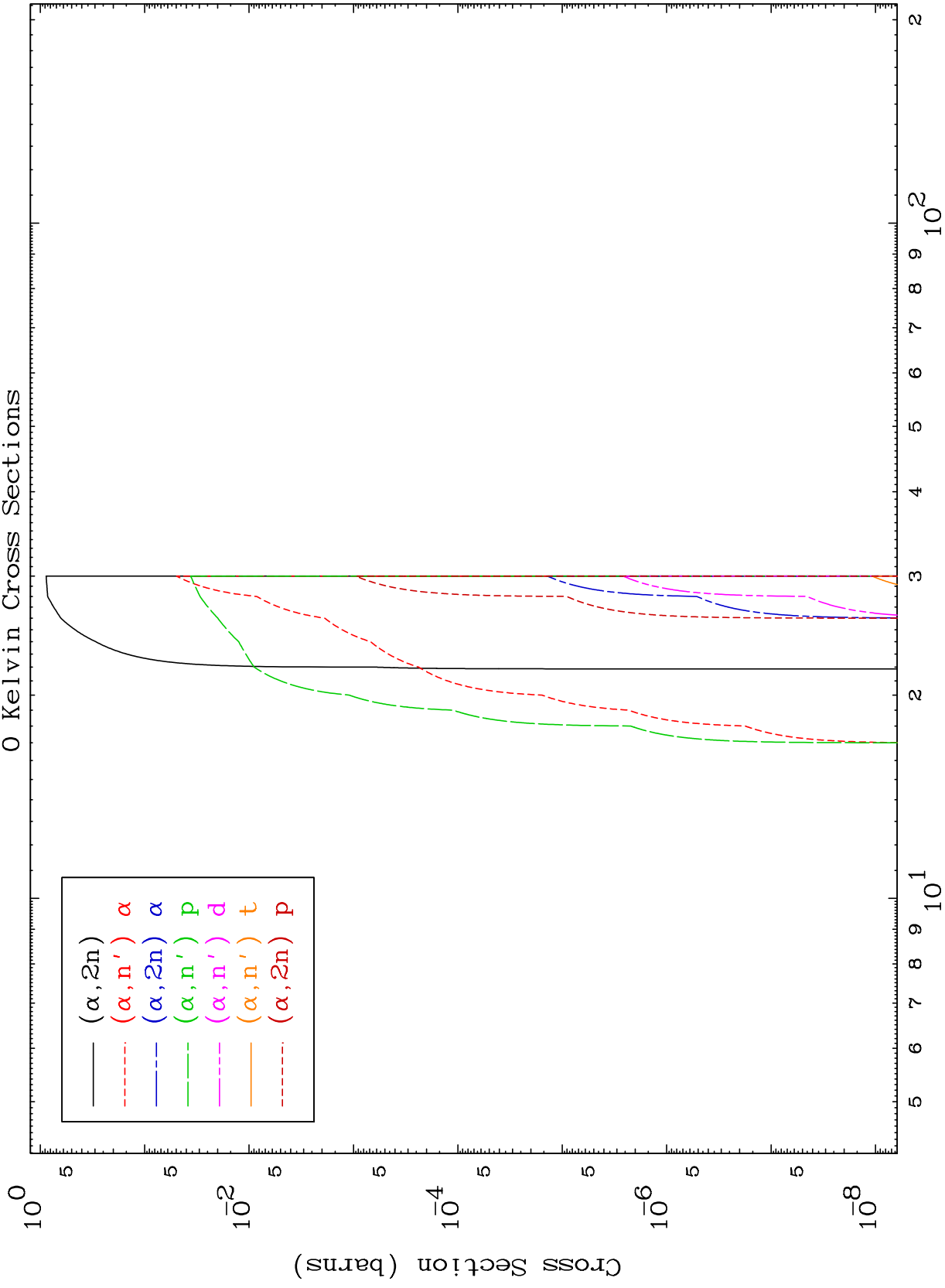
$^{73}\text{Ta-172}$



MAT 7301

α Neutron Production
0 Kelvin Cross Sections

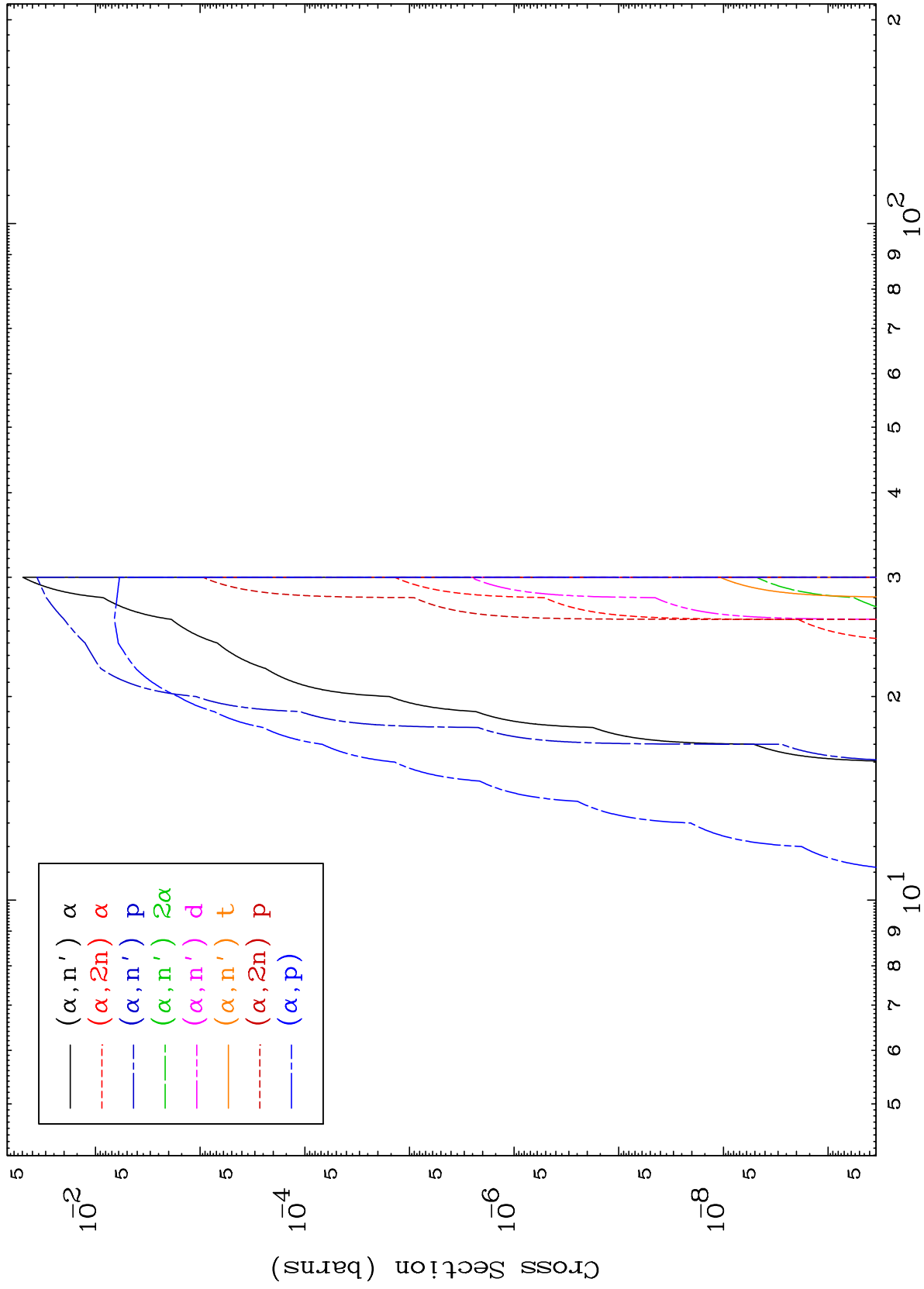
73-Ta-172



2

Incident Energy (MeV)

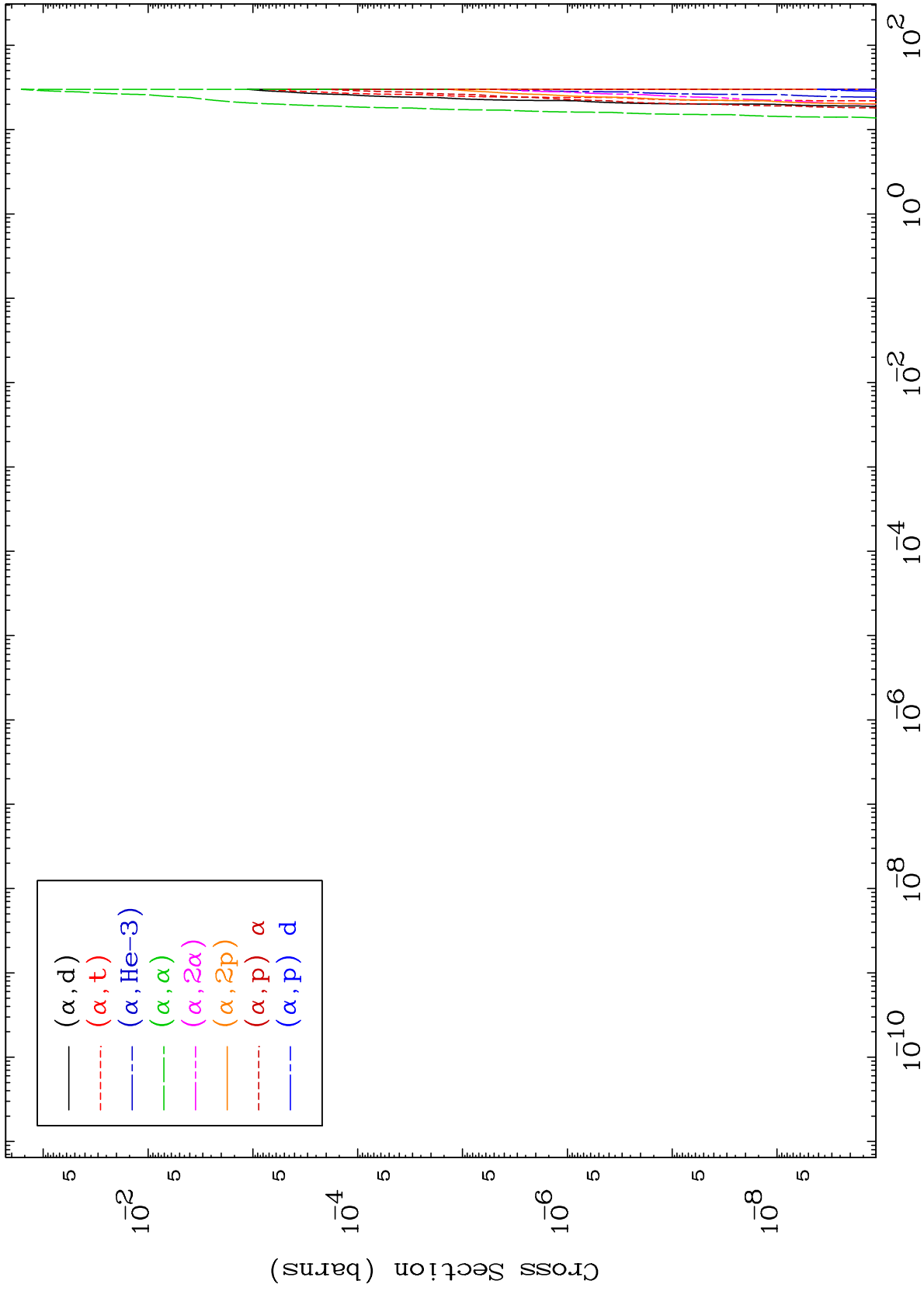
73-Ta-172



MAT 7301

α Charged Particle
0 Kelvin Cross Sections

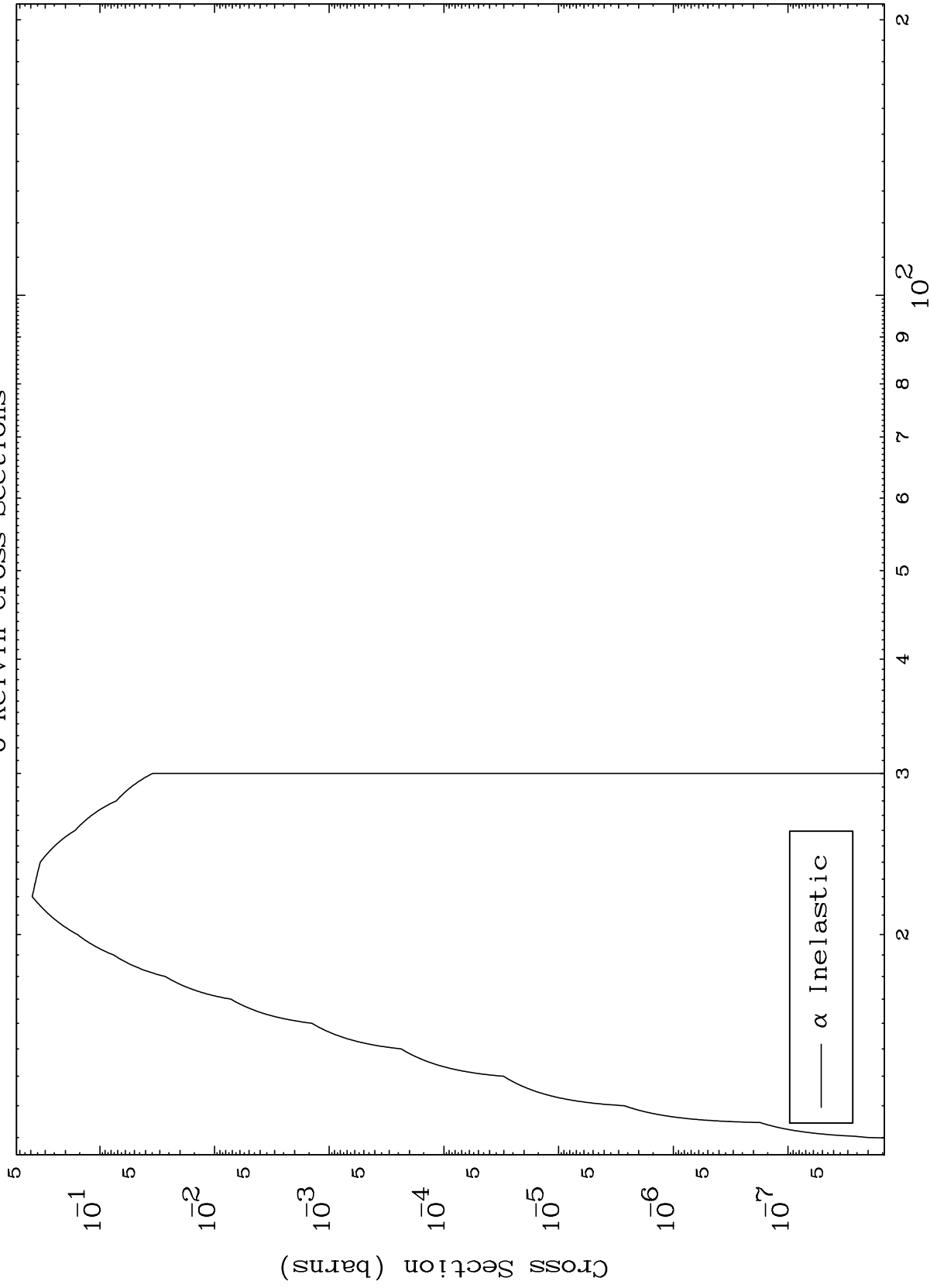
73-Ta-172



MAT 7301

(α, n') Level
0 Kelvin Cross Sections

73-Ta-172



5

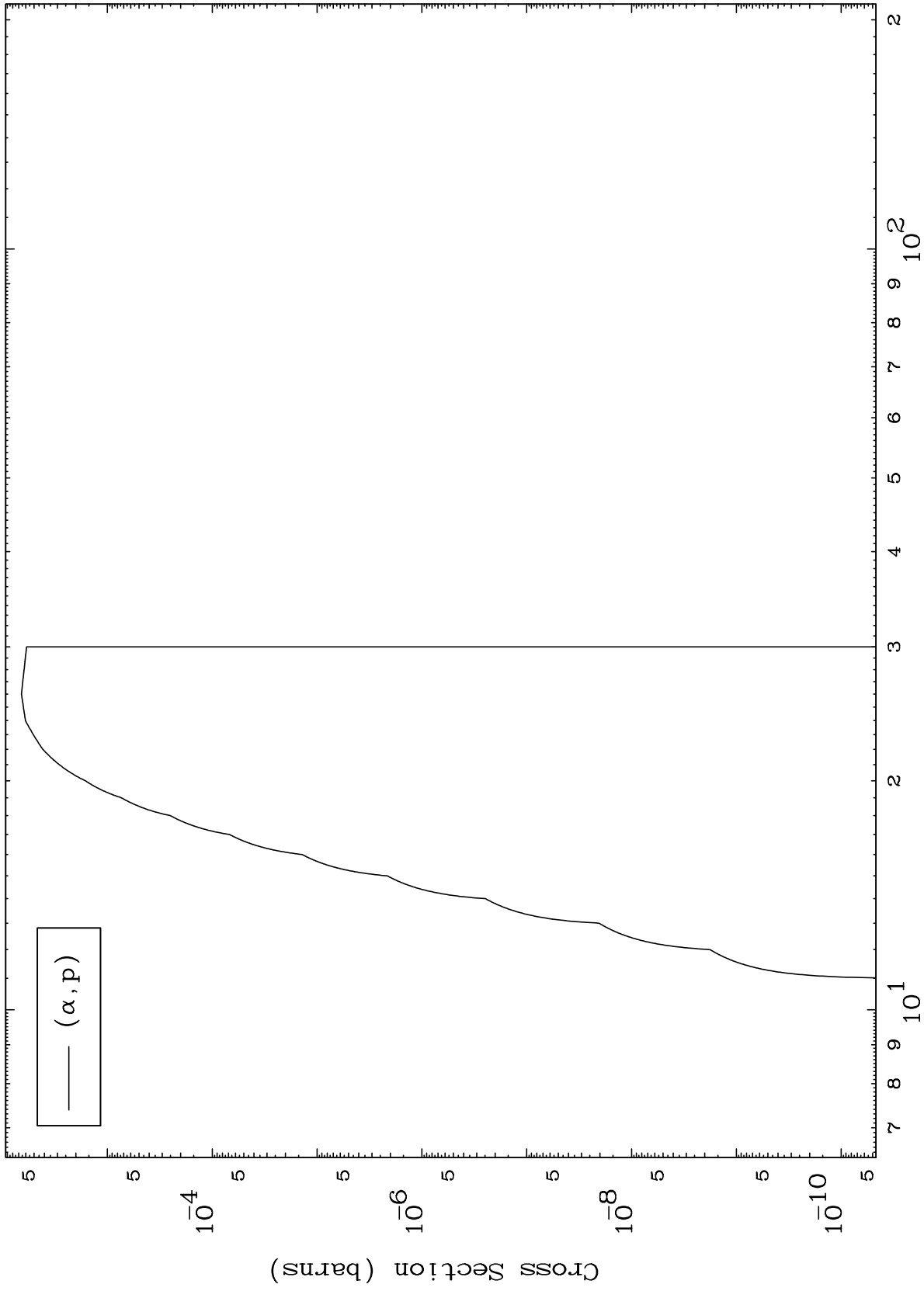
Incident Energy (MeV)

73-Ta-172

MAT 7301

(α, p) Levels
0 Kelvin Cross Sections

73-Ta-172



6

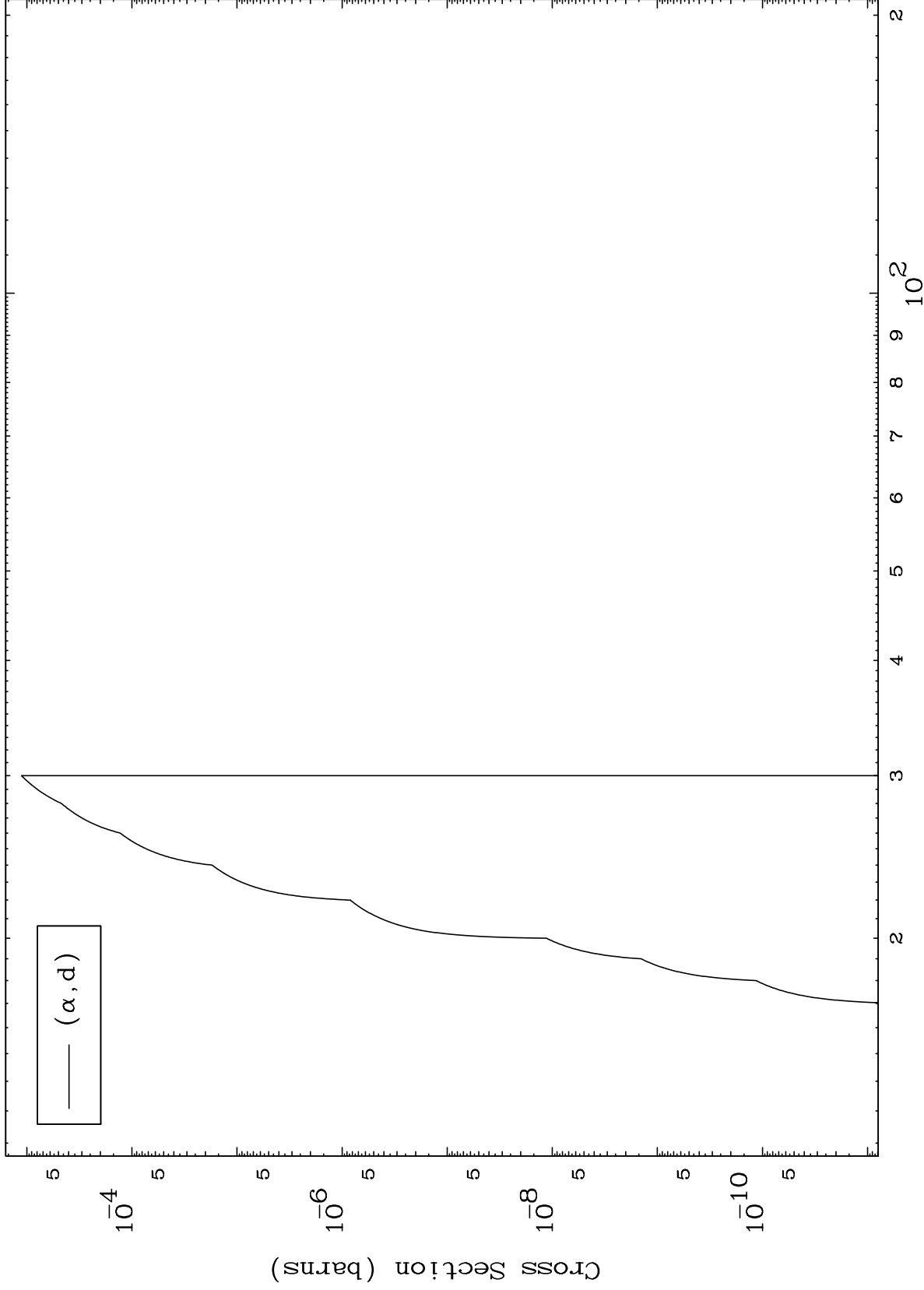
Incident Energy (MeV)

73-Ta-172

MAT 7301

(α, d) Levels
0 Kelvin Cross Sections

73-Ta-172



7

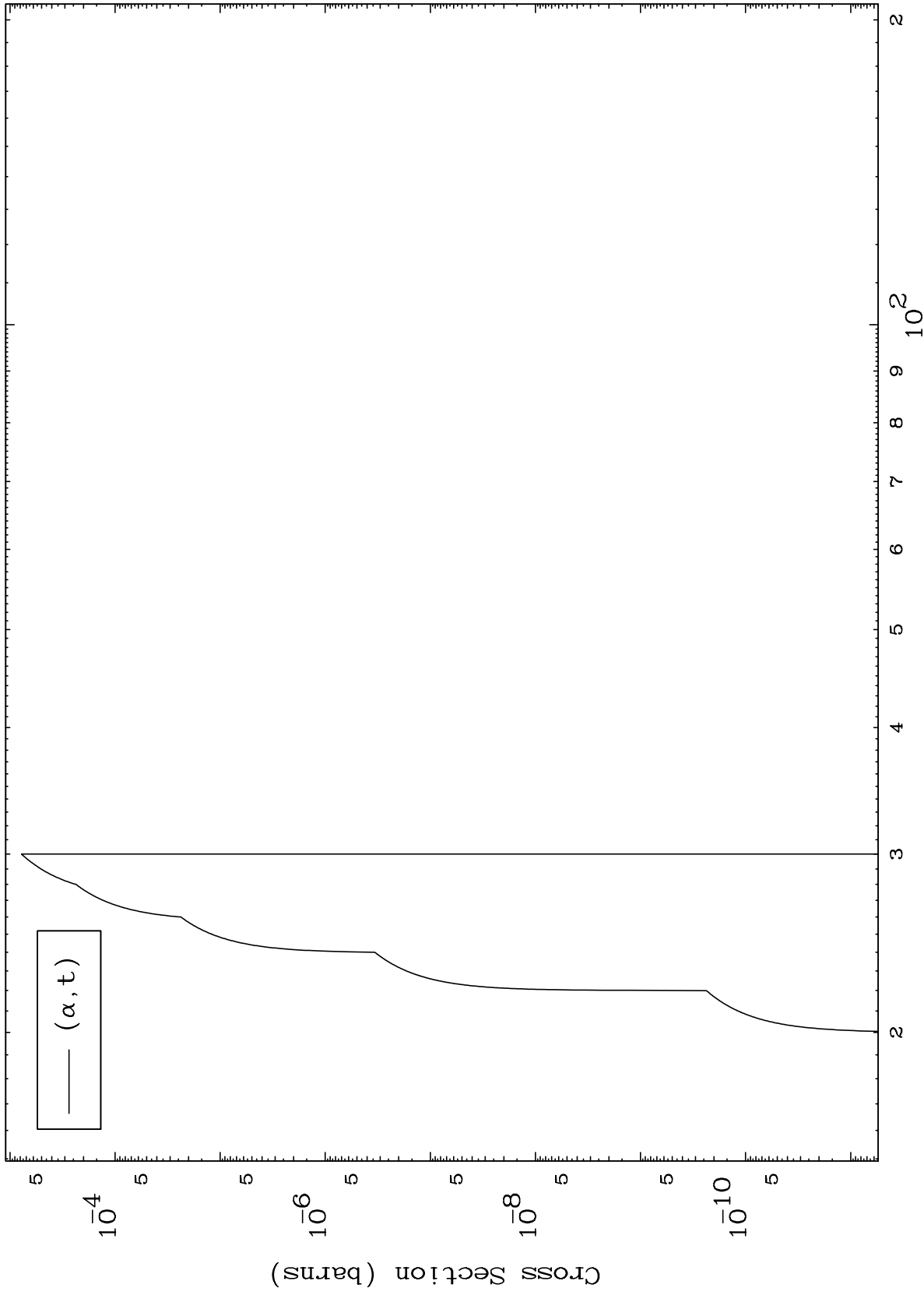
Incident Energy (MeV)

73-Ta-172

MAT 7301

(α, t) Levels
0 Kelvin Cross Sections

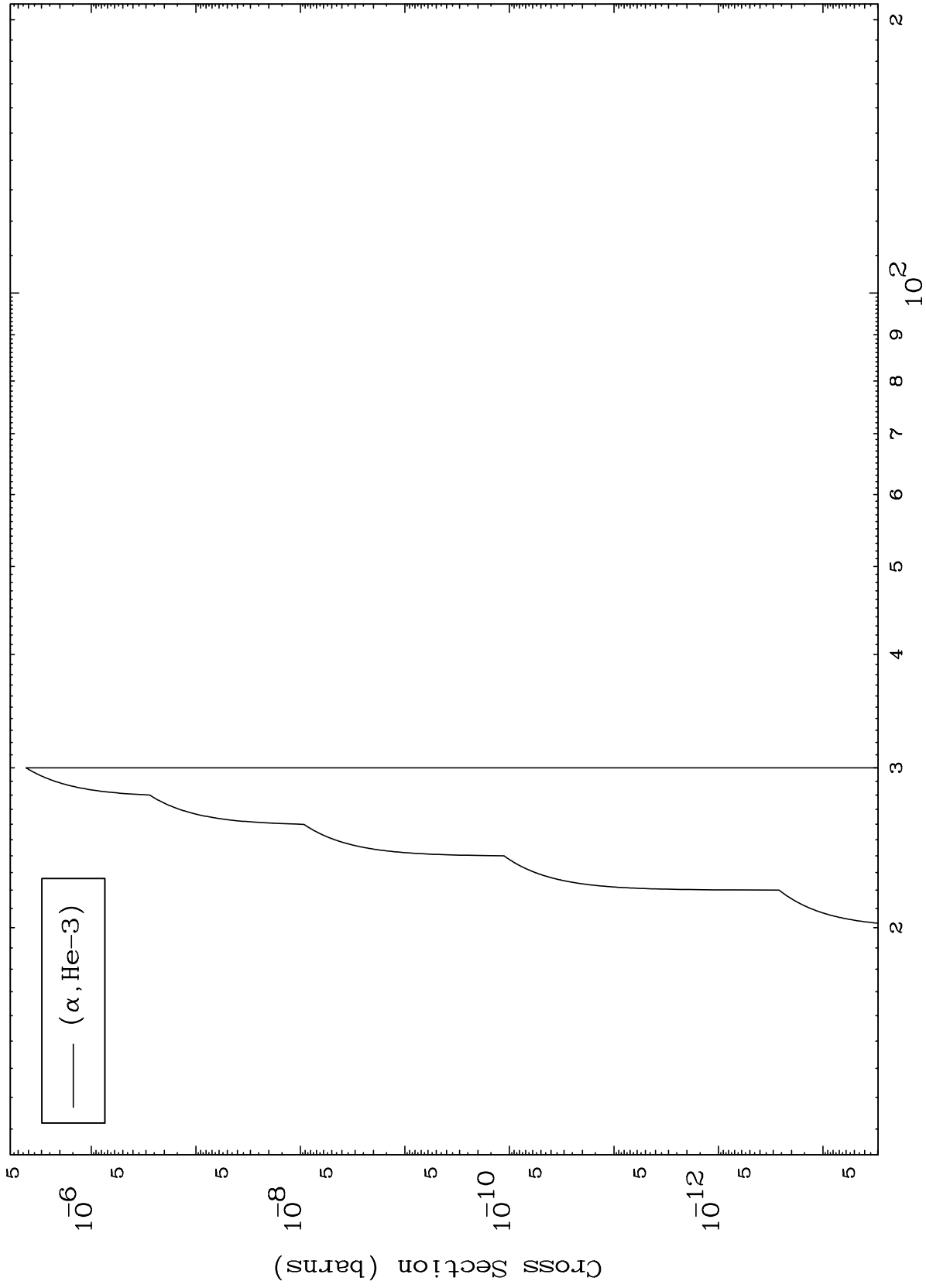
73-Ta-172



8

Incident Energy (MeV)

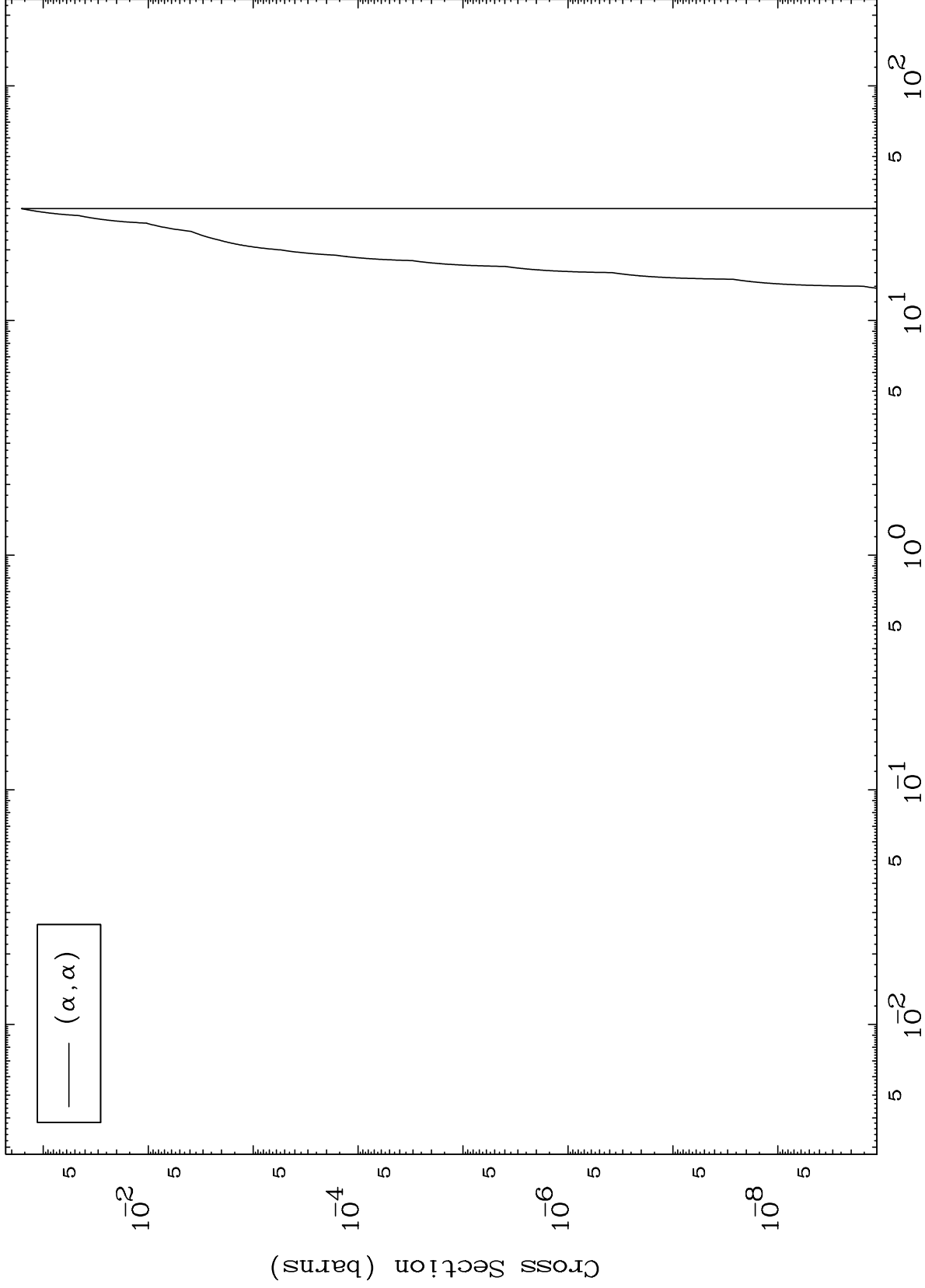
73-Ta-172



MAT 7301

(α, α) Levels
0 Kelvin Cross Sections

73-Ta-172



10

Incident Energy (MeV)

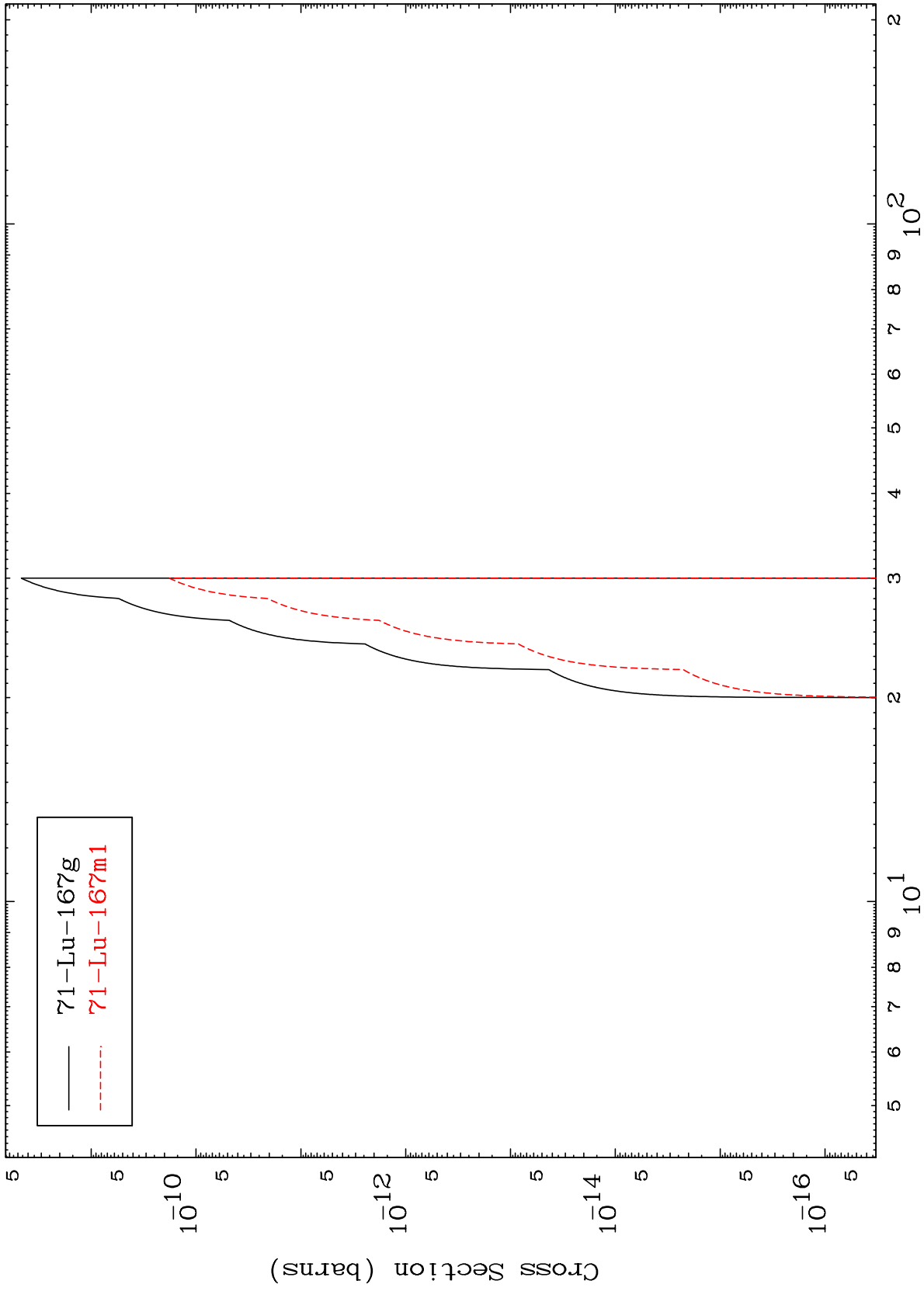
73-Ta-172

MAT 7301

(α, n') 2α

$^{73}\text{Ta-172}$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

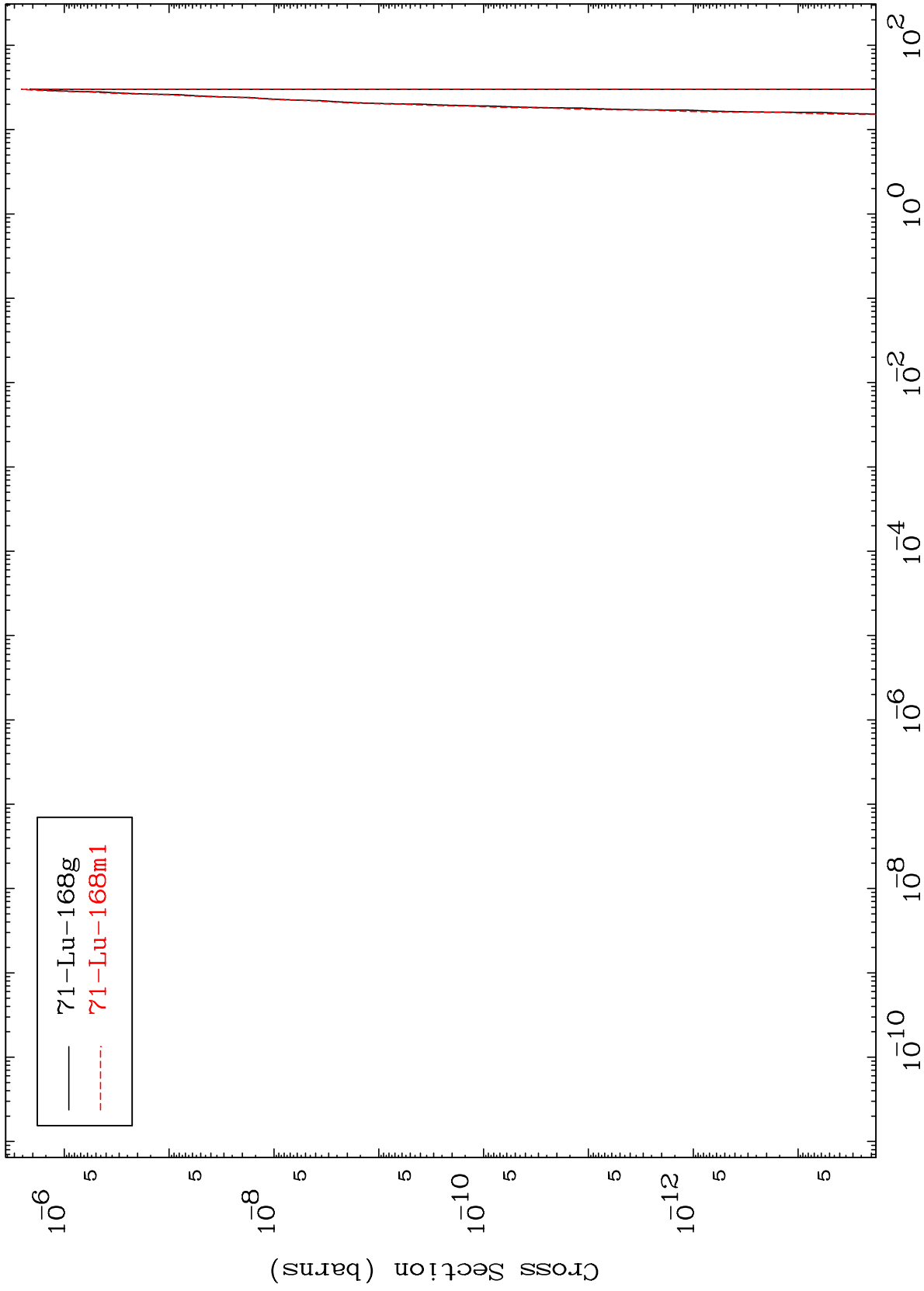
$^{73}\text{Ta-172}$

MAT 7301

($\alpha, 2\alpha$)

⁷³Ta-172

Radionuclide Production Cross Section



12

Incident Energy (MeV)

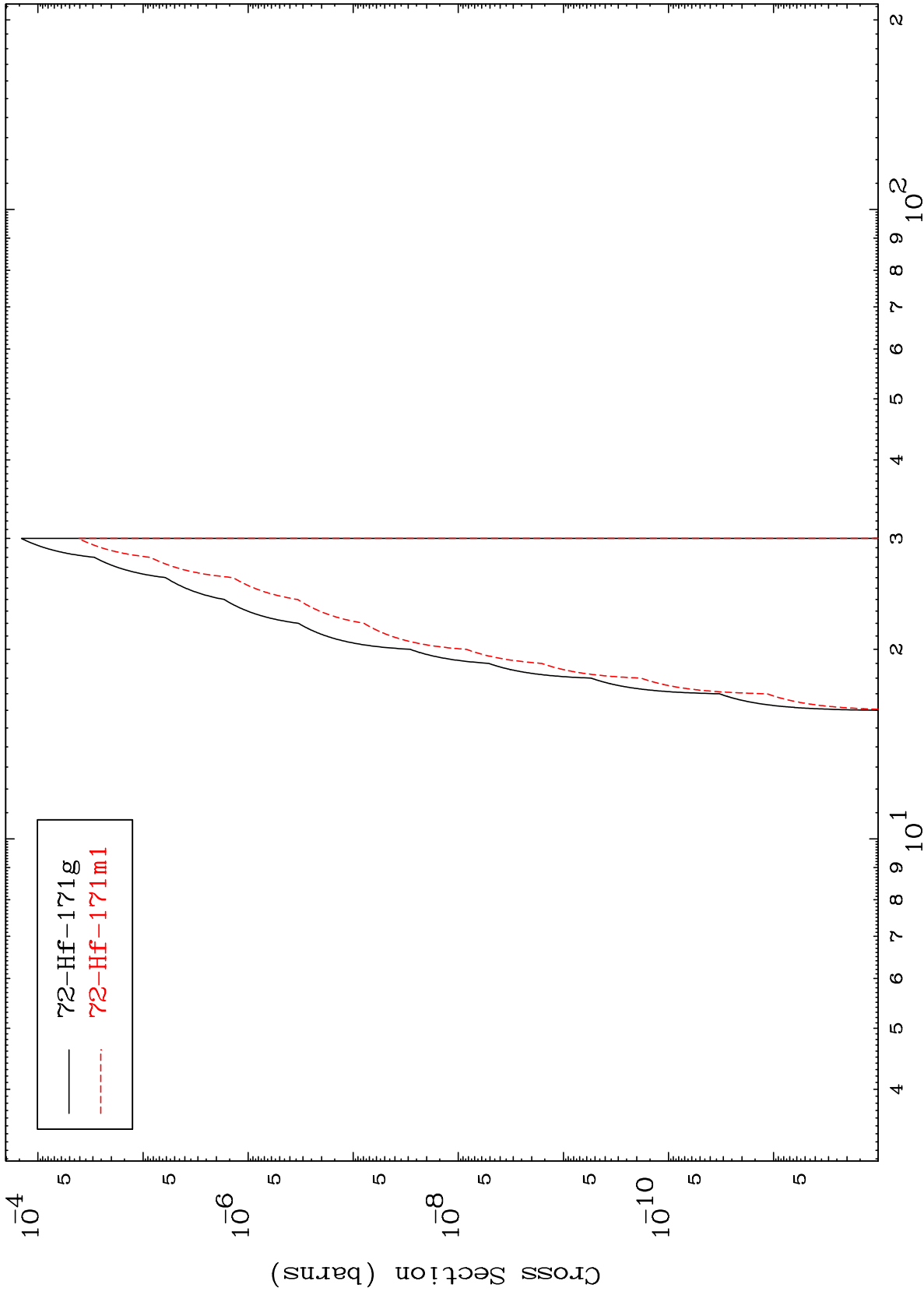
⁷³Ta-172

MAT 7301

(α, p) α

$^{73}\text{Ta-172}$

Radionuclide Production Cross Section



72-Hf-171g
72-Hf-171m1