

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

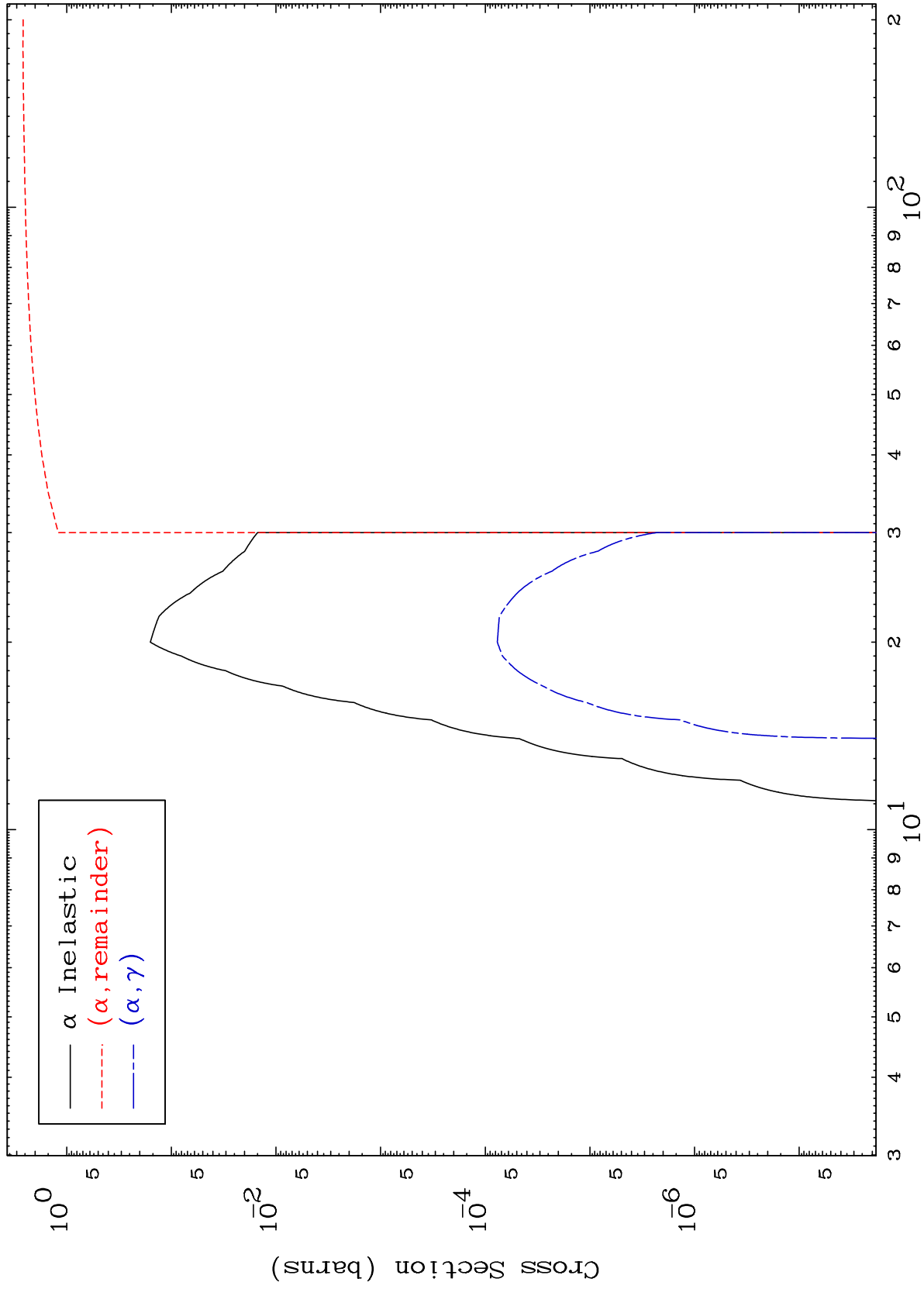
Press Mouse Button to Start

MAT 7313

α Major

0 Kelvin Cross Sections

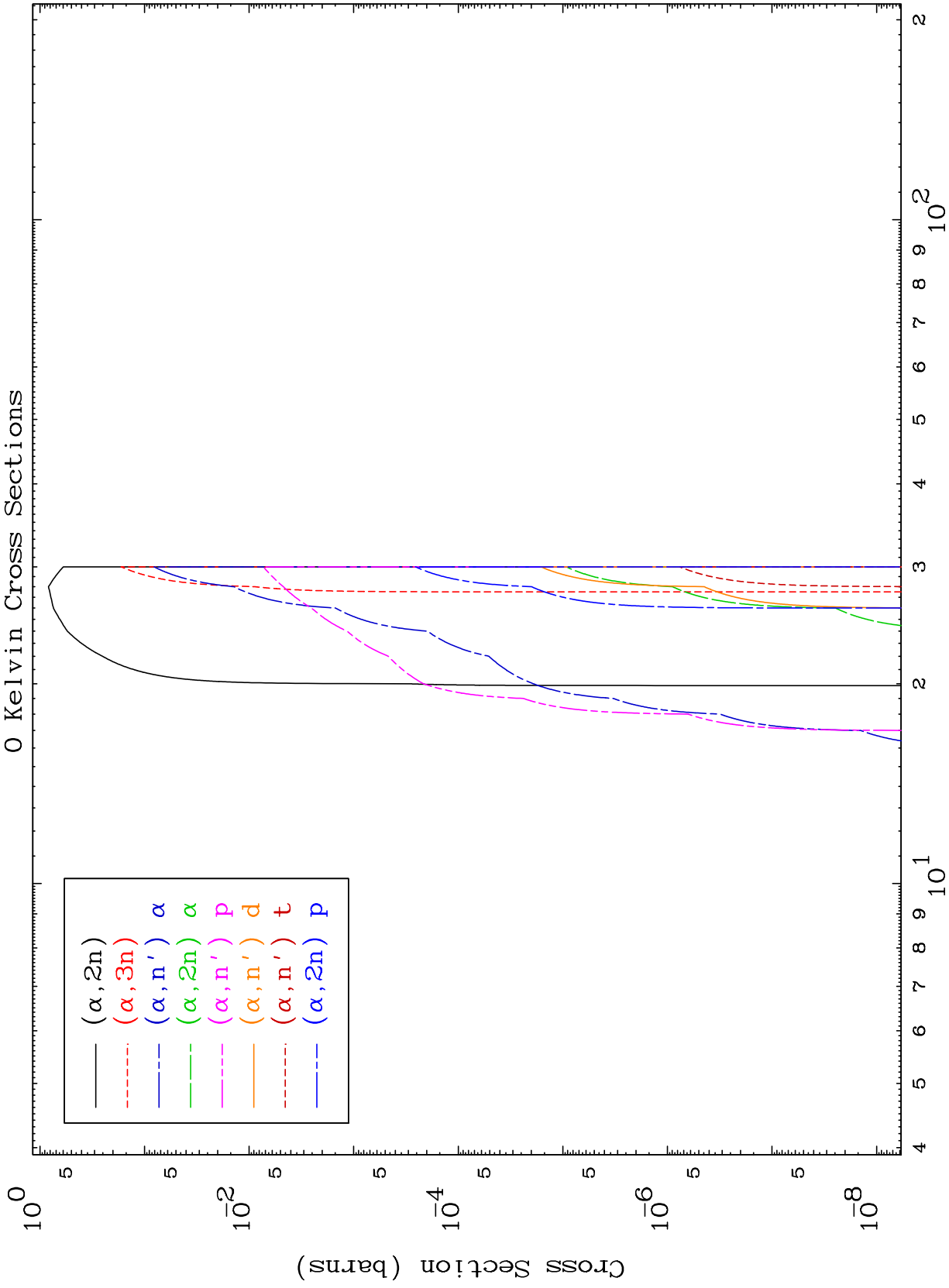
⁷³Ta-176



MAT 7313

α Neutron Production
0 Kelvin Cross Sections

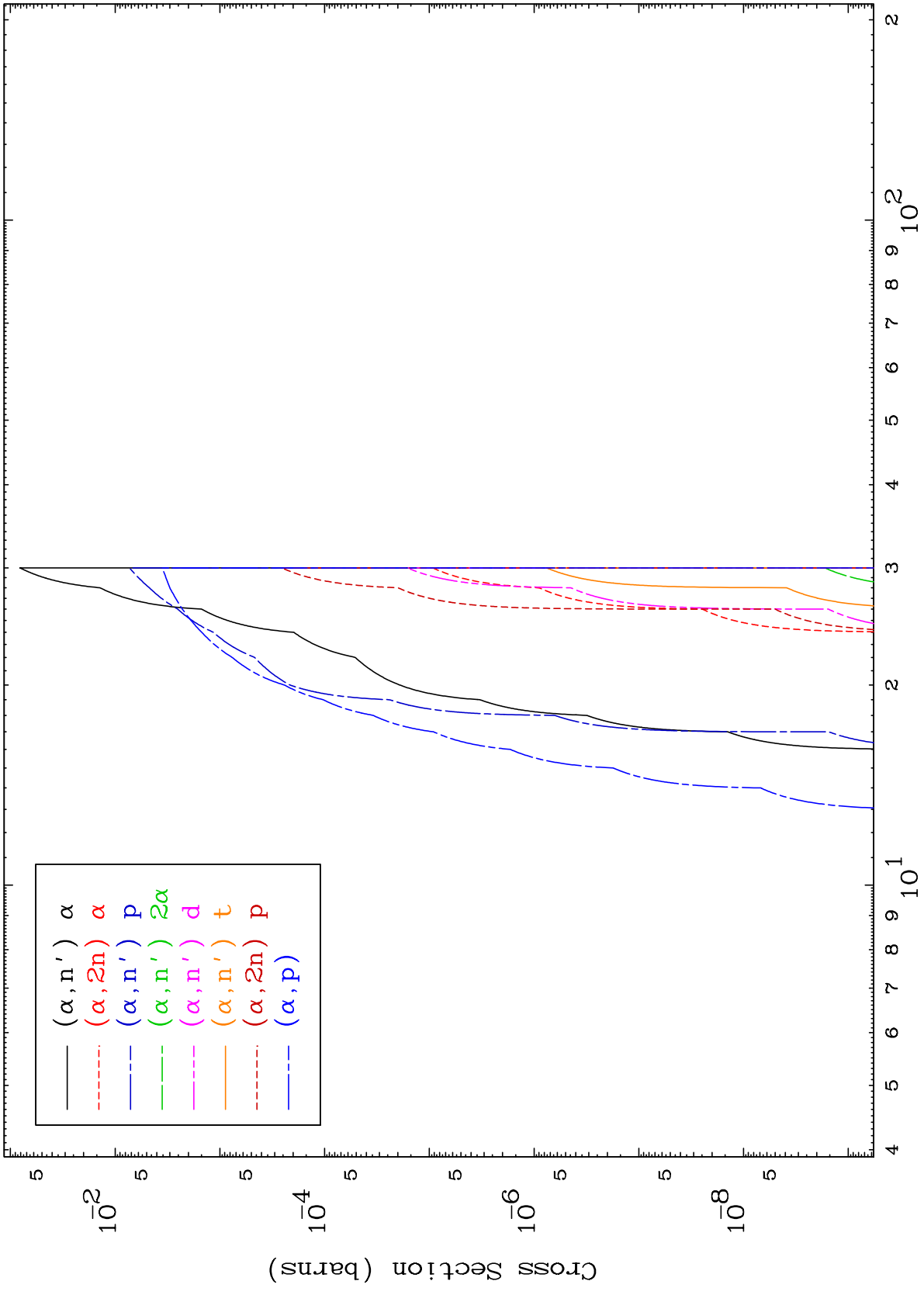
73-Ta-176



2

Incident Energy (MeV)

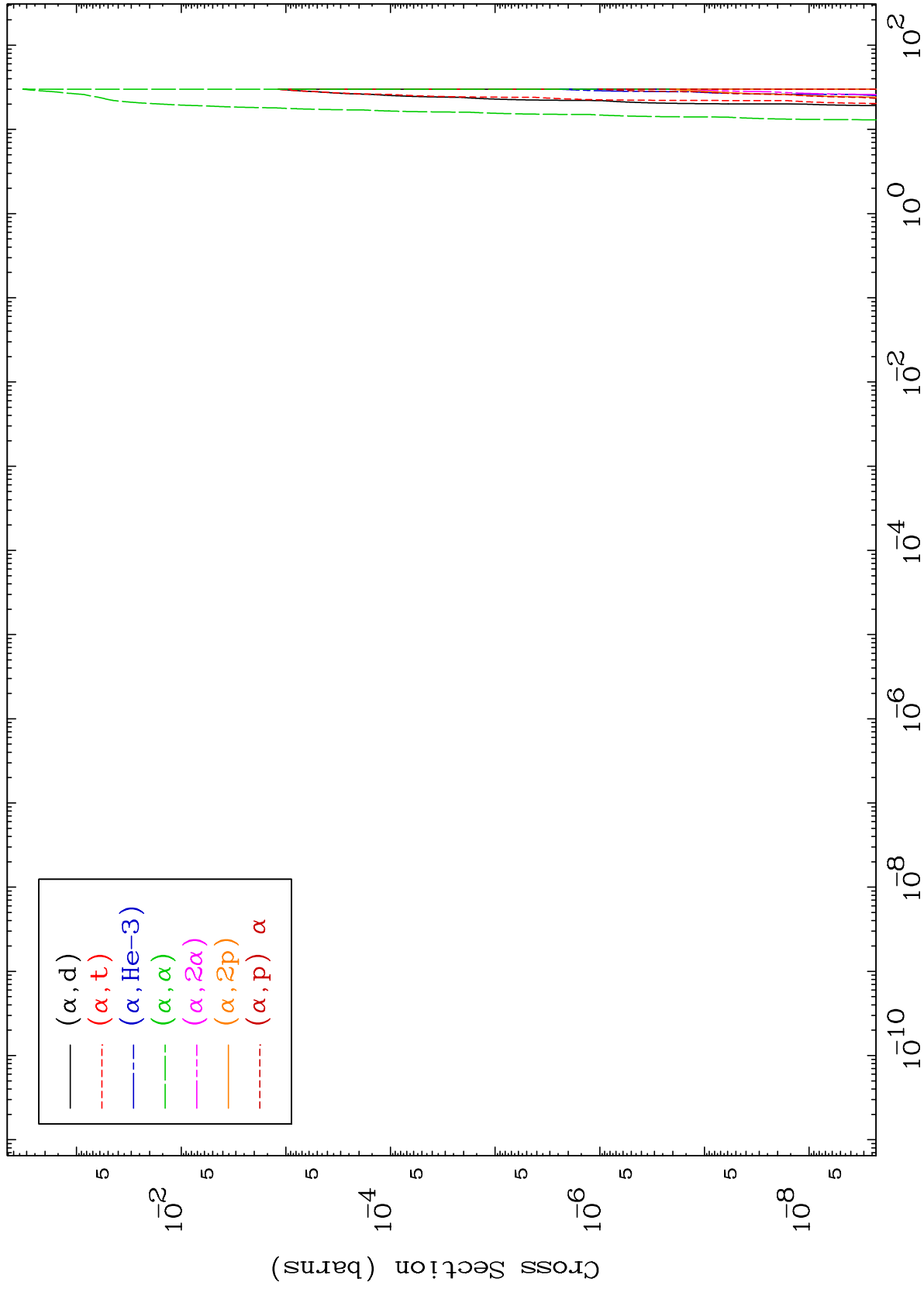
73-Ta-176



MAT 7313

α Charged Particle
0 Kelvin Cross Sections

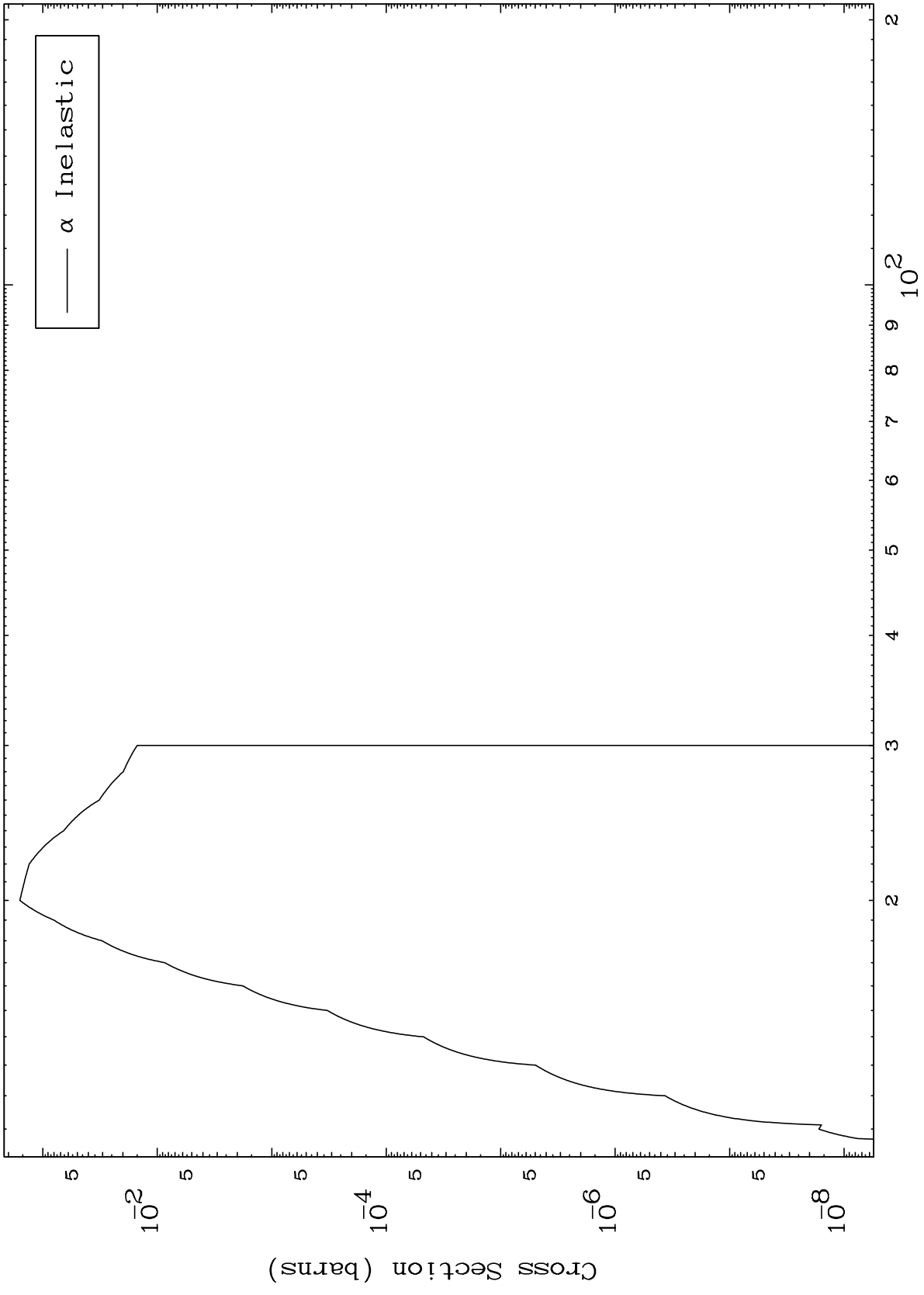
⁷³Ta-176



MAT 7313

(α, n') Level
0 Kelvin Cross Sections

73-Ta-176



5

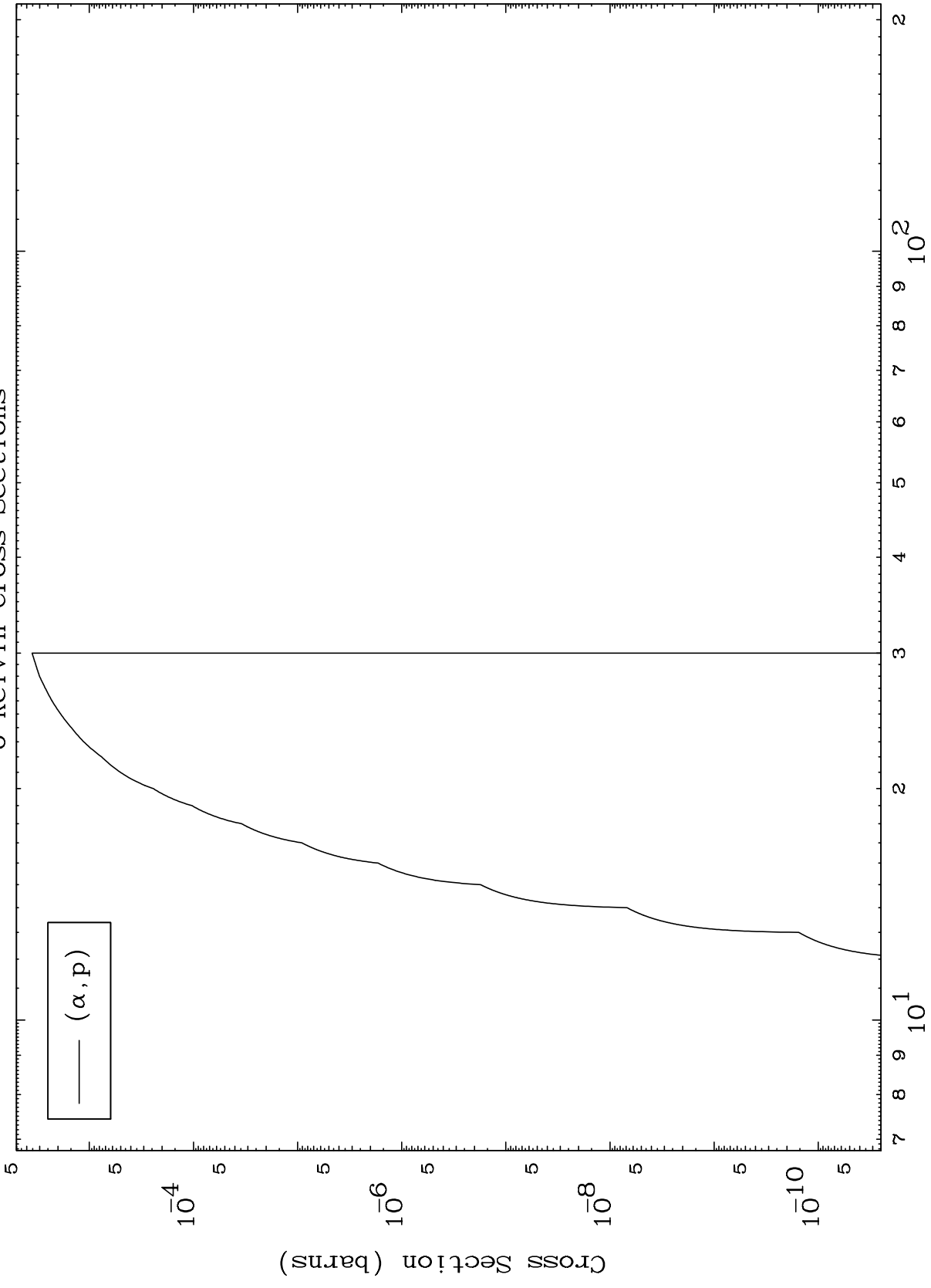
Incident Energy (MeV)

73-Ta-176

MAT 7313

(α, p) Levels
0 Kelvin Cross Sections

73-Ta-176



6

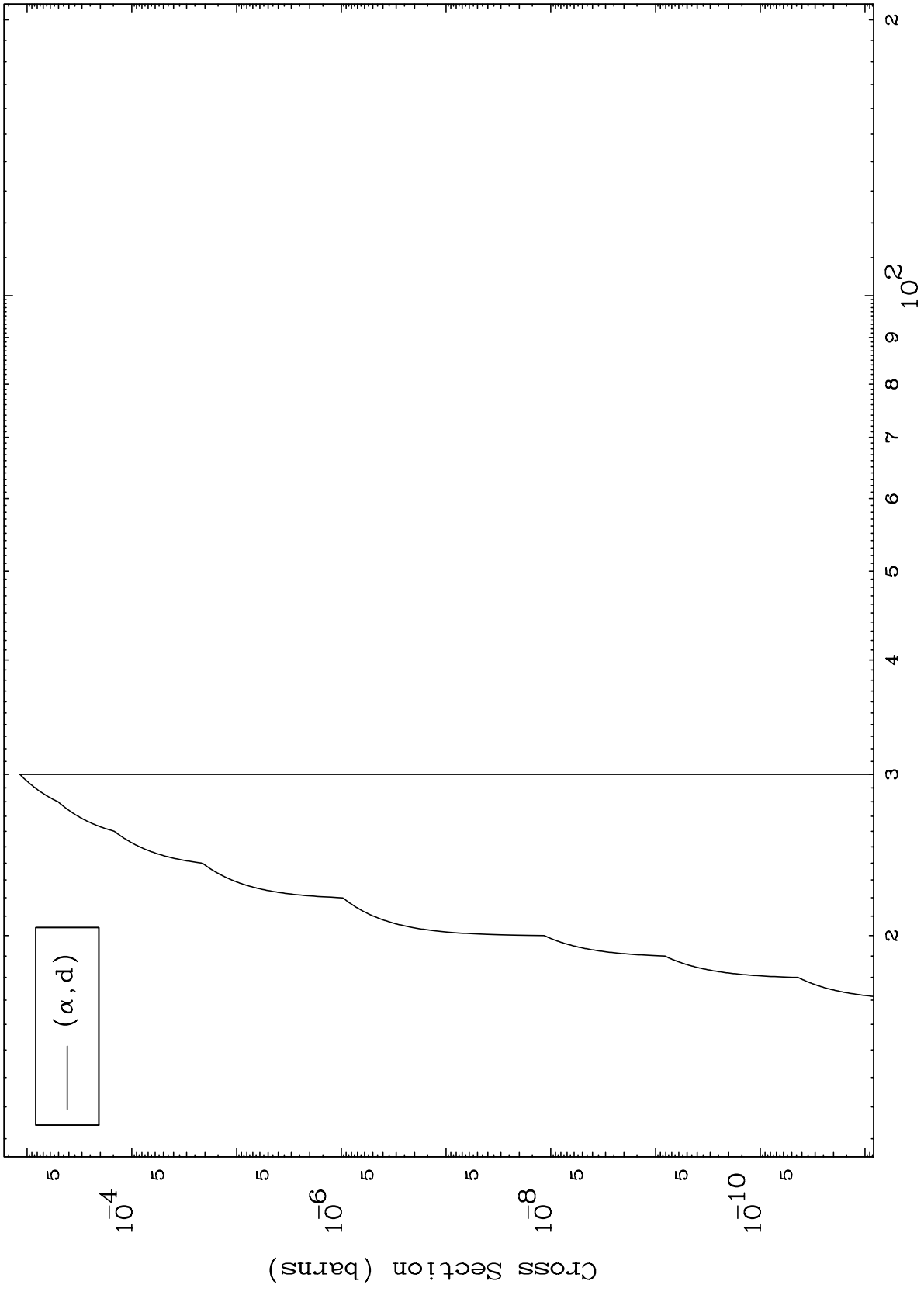
Incident Energy (MeV)

73-Ta-176

MAT 7313

(α, d) Levels
0 Kelvin Cross Sections

73-Ta-176



7

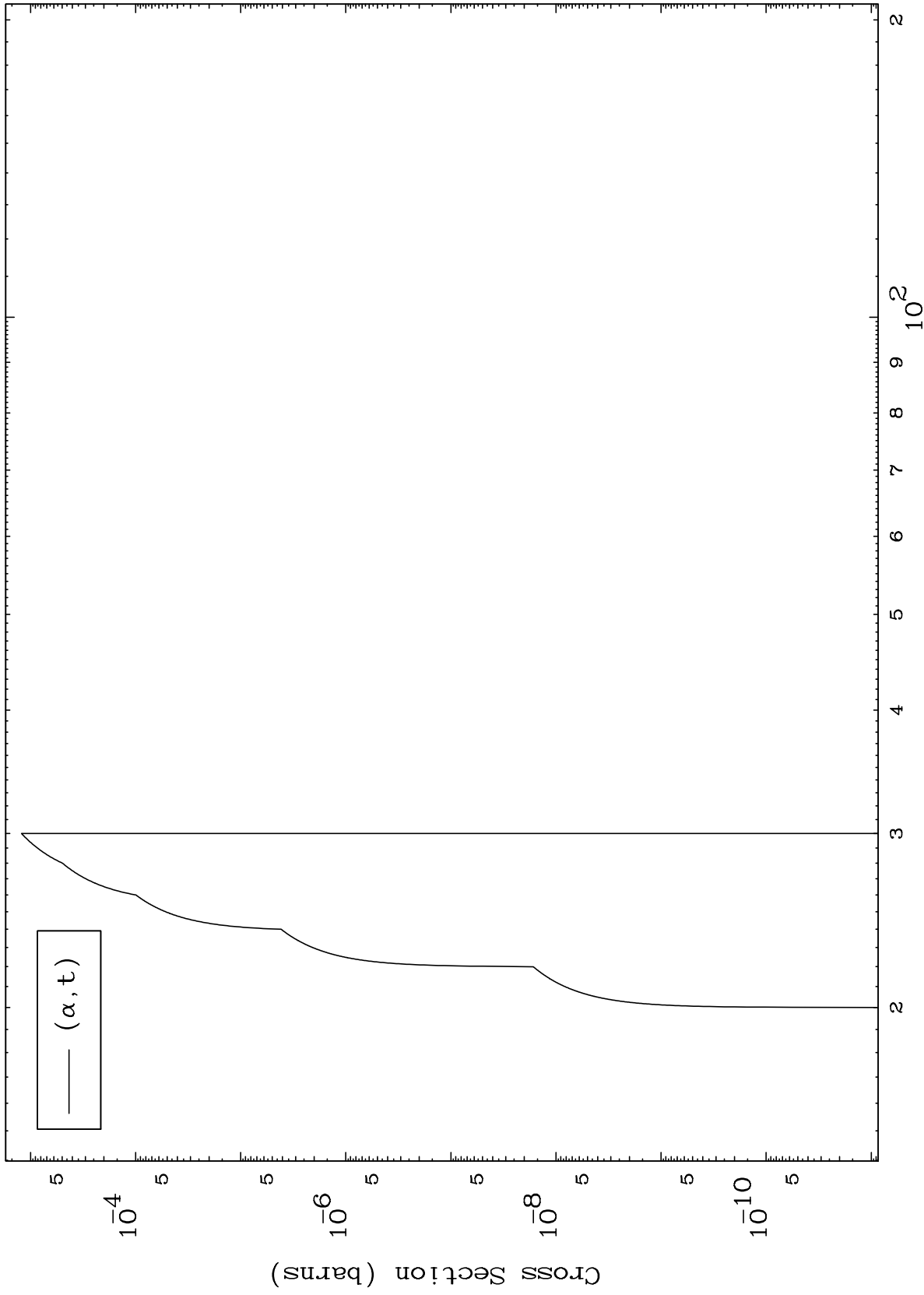
Incident Energy (MeV)

73-Ta-176

MAT 7313

(α, t) Levels
0 Kelvin Cross Sections

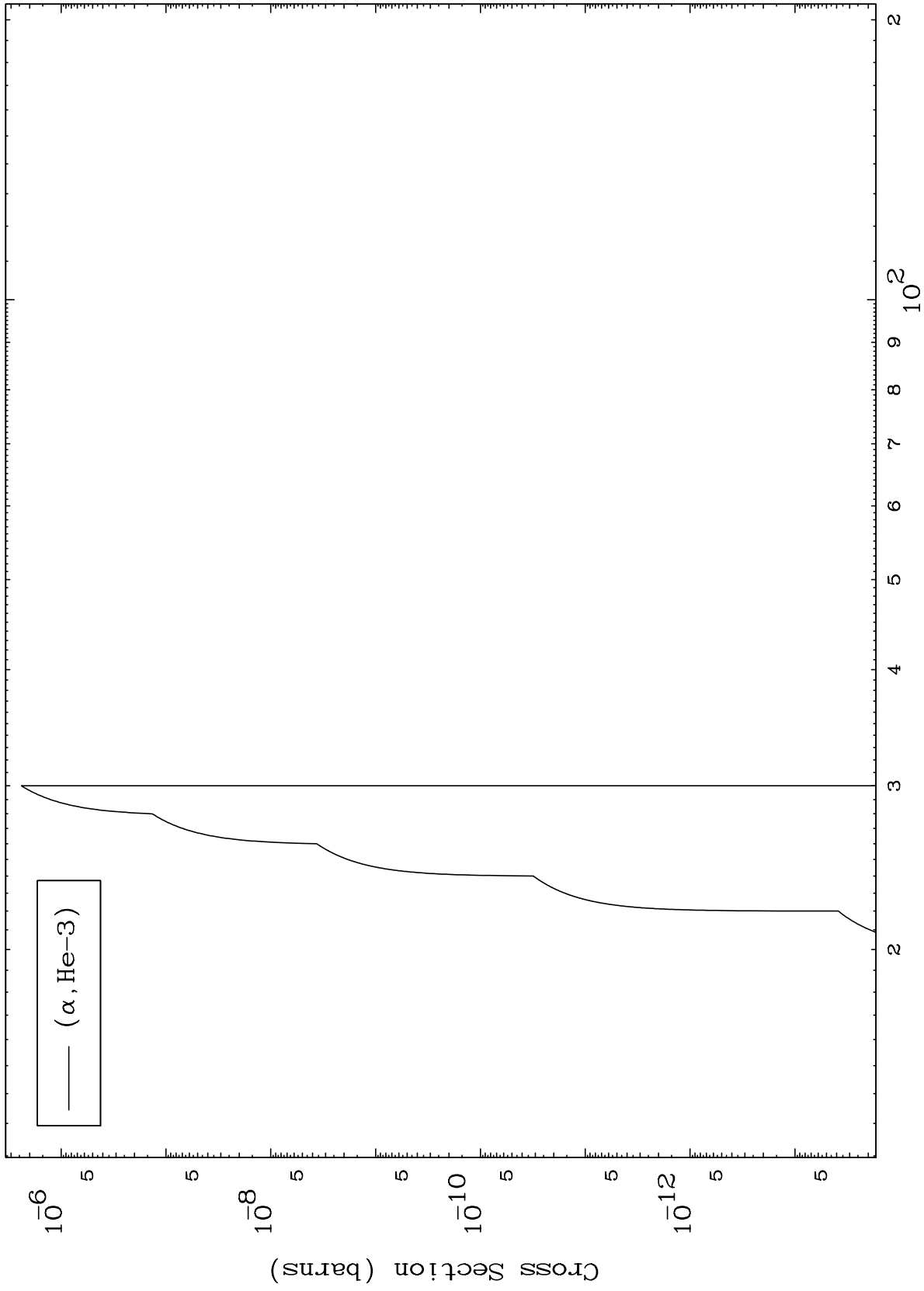
73-Ta-176



8

Incident Energy (MeV)

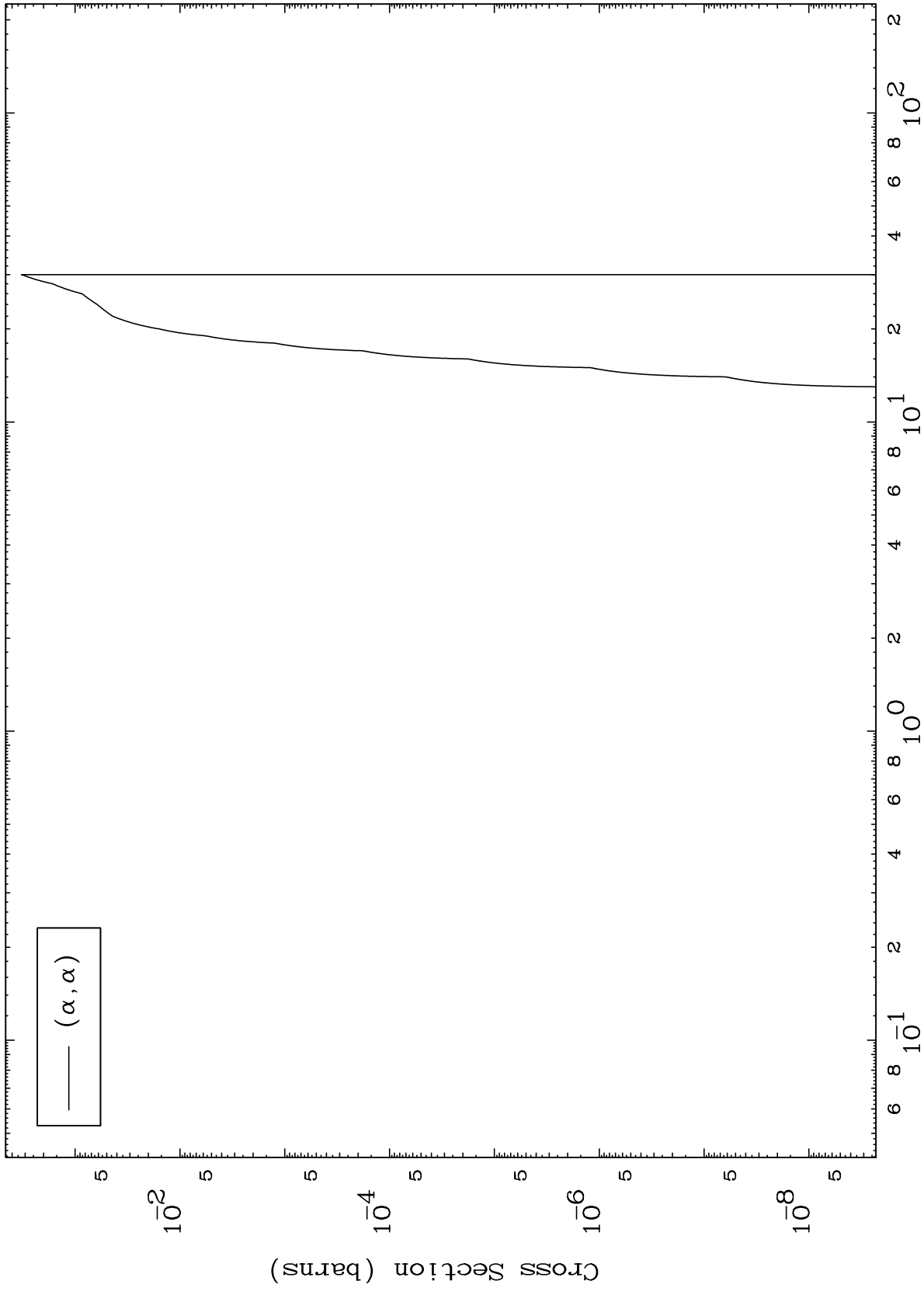
73-Ta-176



MAT 7313

(α, α) Levels
0 Kelvin Cross Sections

$^{73}\text{Ta-176}$



10

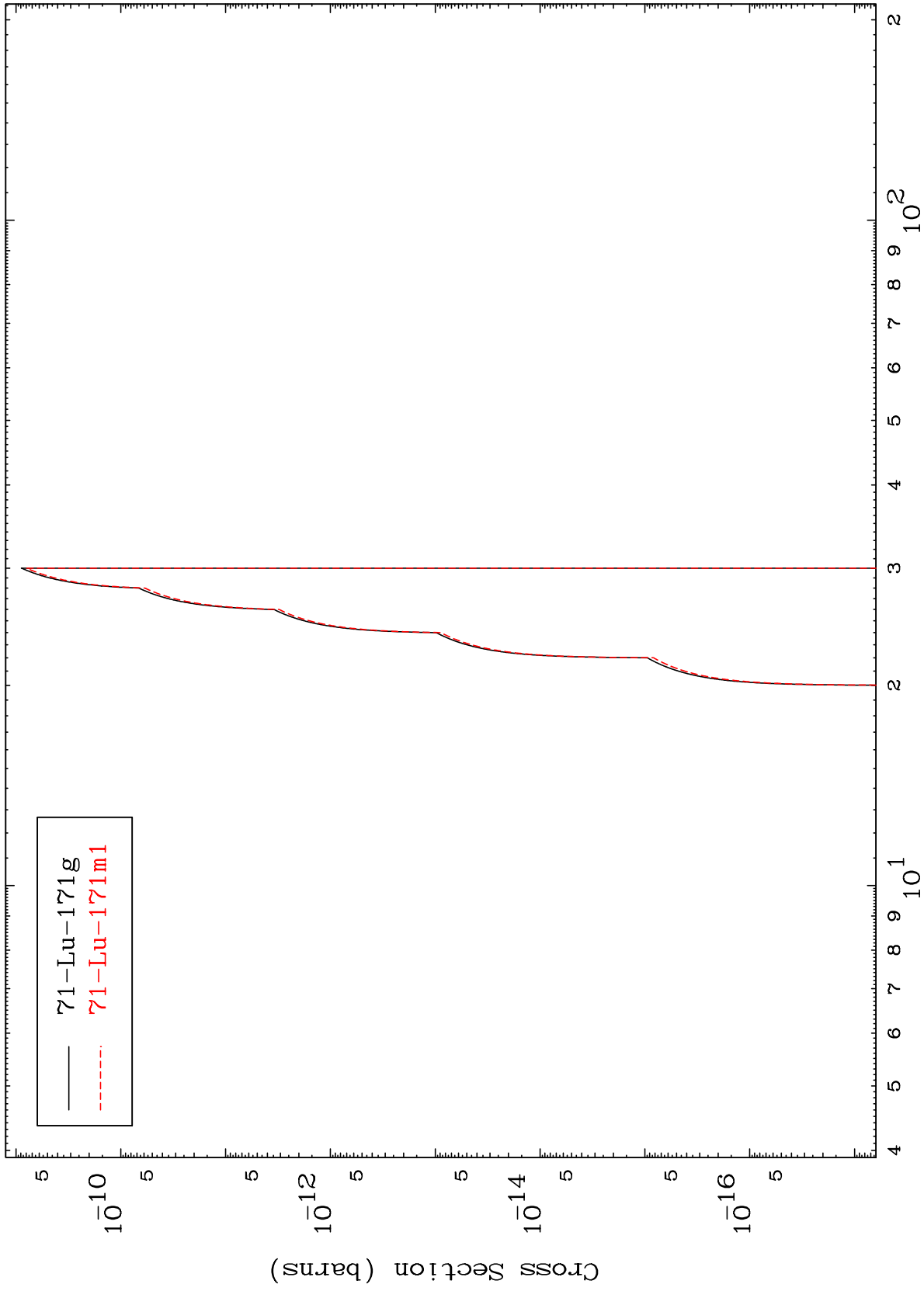
Incident Energy (MeV)

$^{73}\text{Ta-176}$

MAT 7313

73-Ta-176

(α, n') 2α
Radionuclide Production Cross Section



11

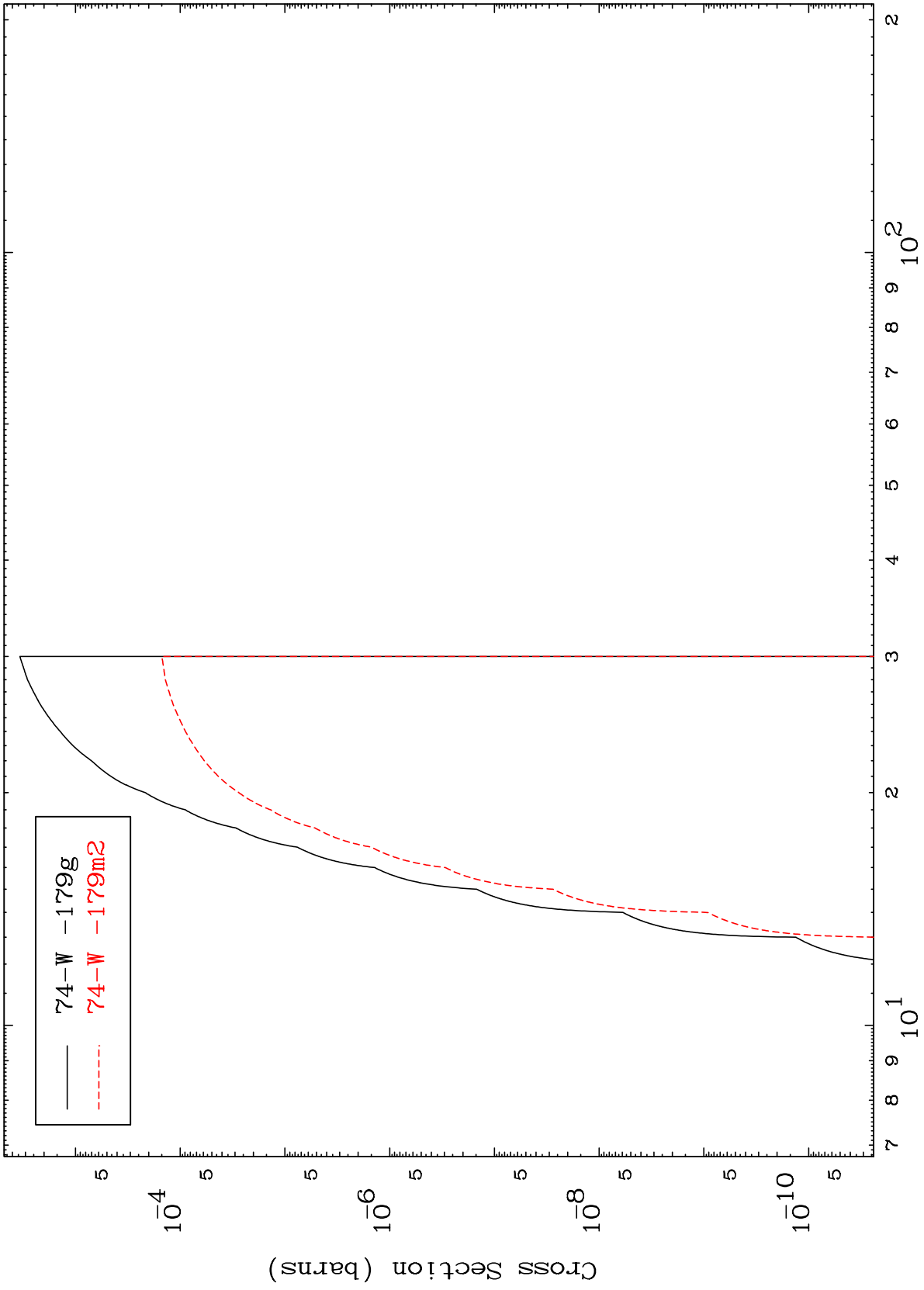
Incident Energy (MeV)

73-Ta-176

MAT 7313

⁷³Ta-176

(α, p)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

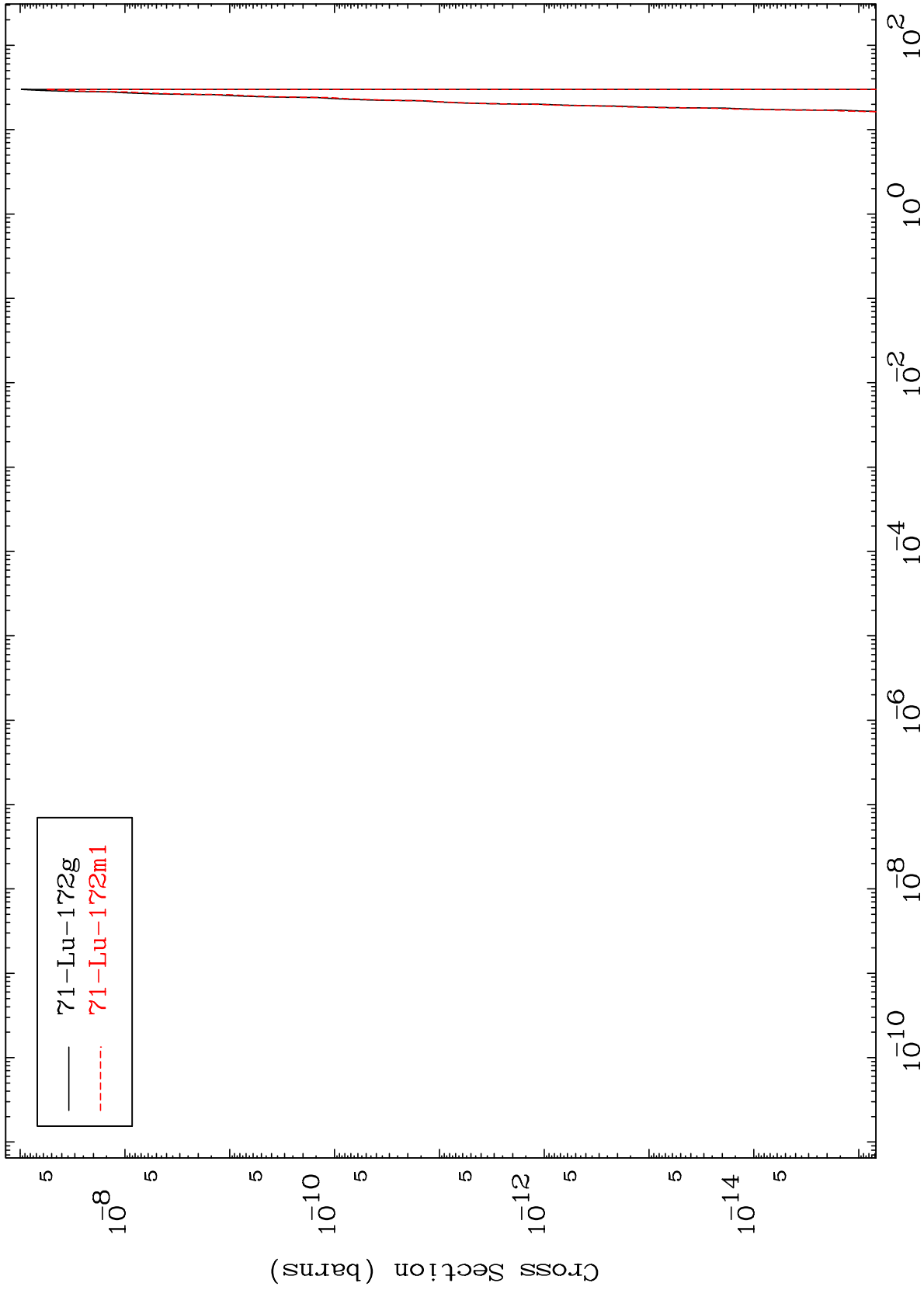
⁷³Ta-176

MAT 7313

($\alpha, 2\alpha$)

⁷³Ta-176

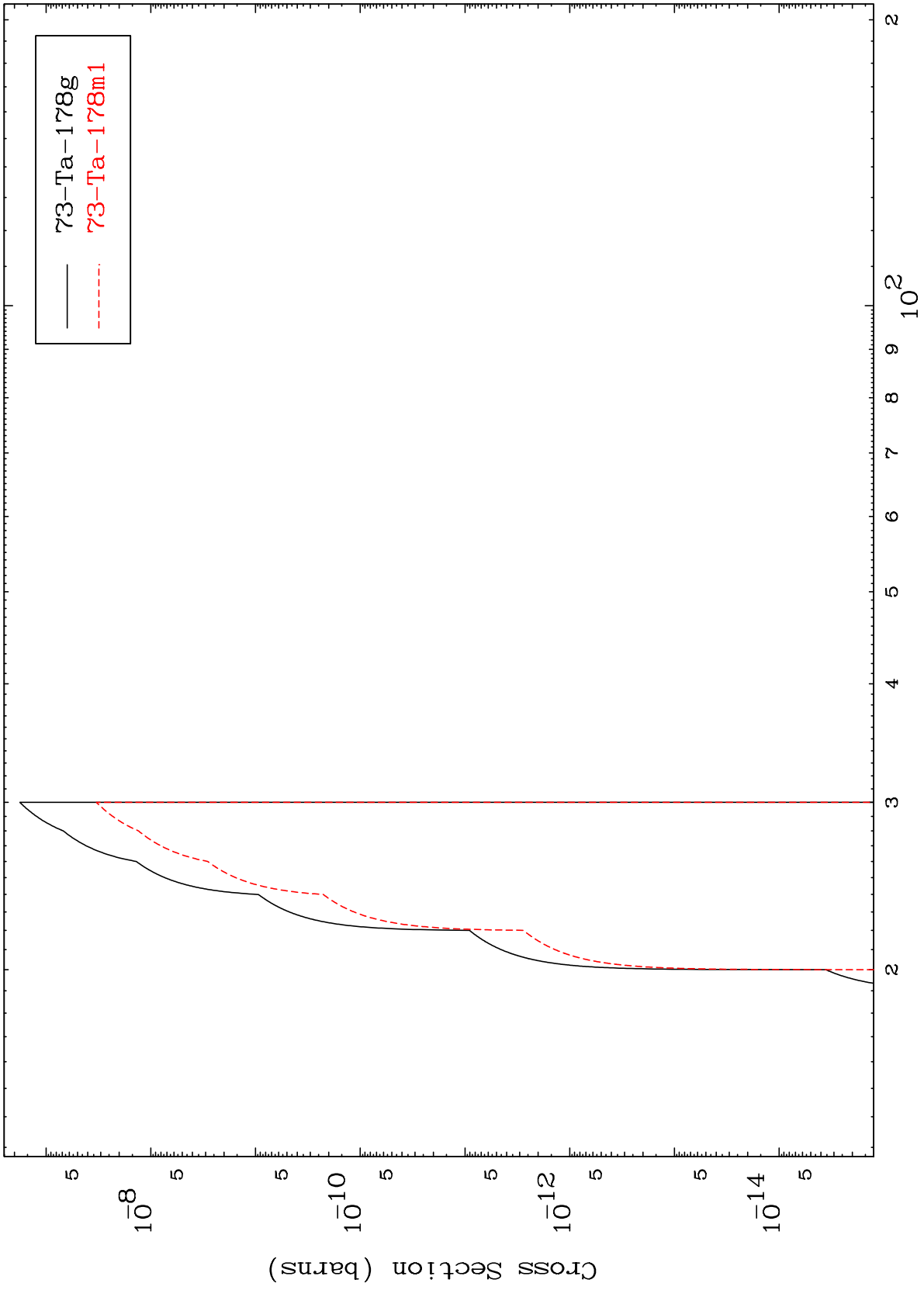
Radionuclide Production Cross Section



MAT 7313

⁷³Ta-176

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



14

Incident Energy (MeV)

⁷³Ta-176