

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

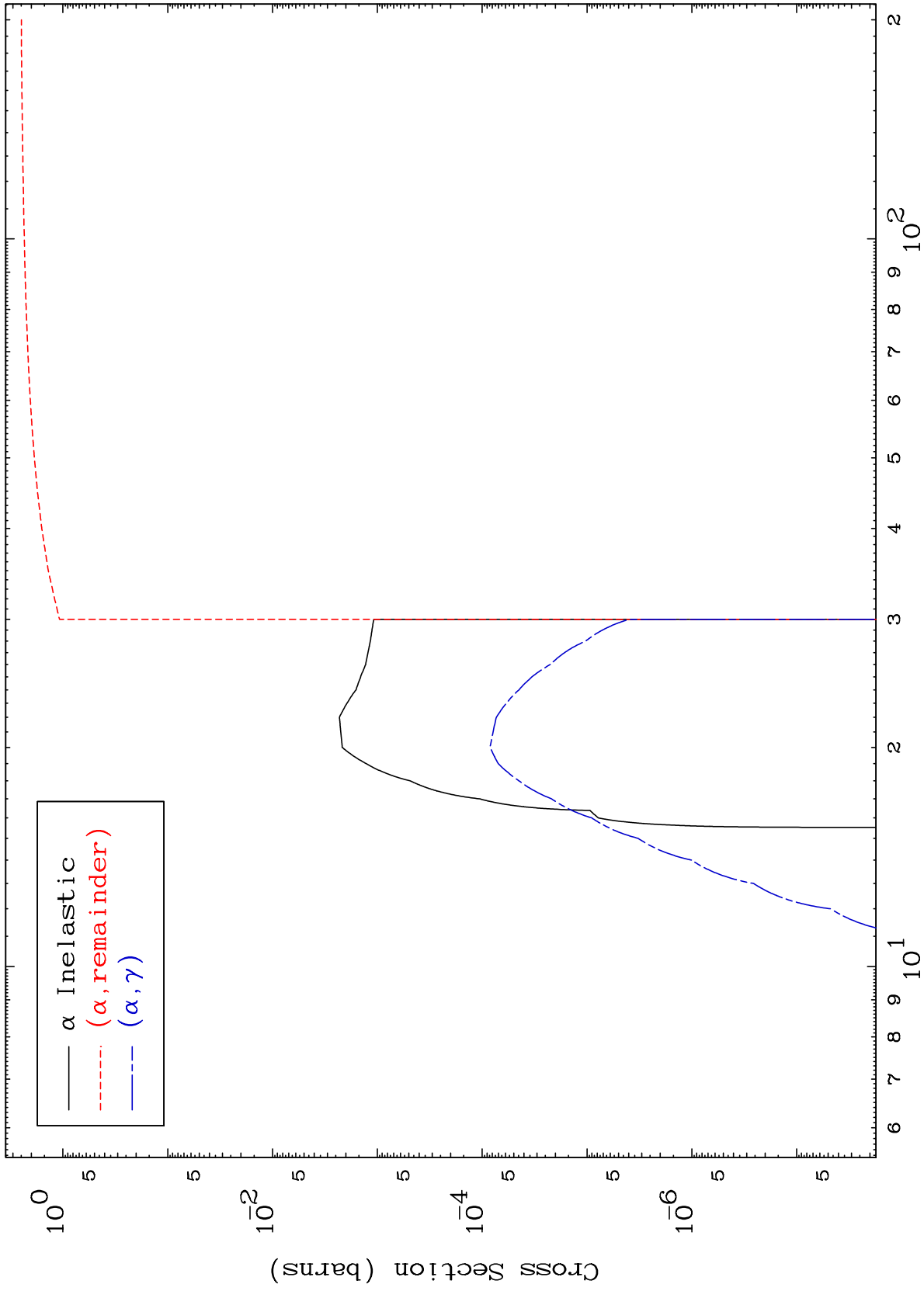
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7266

0 Kelvin α Major
Cross Sections

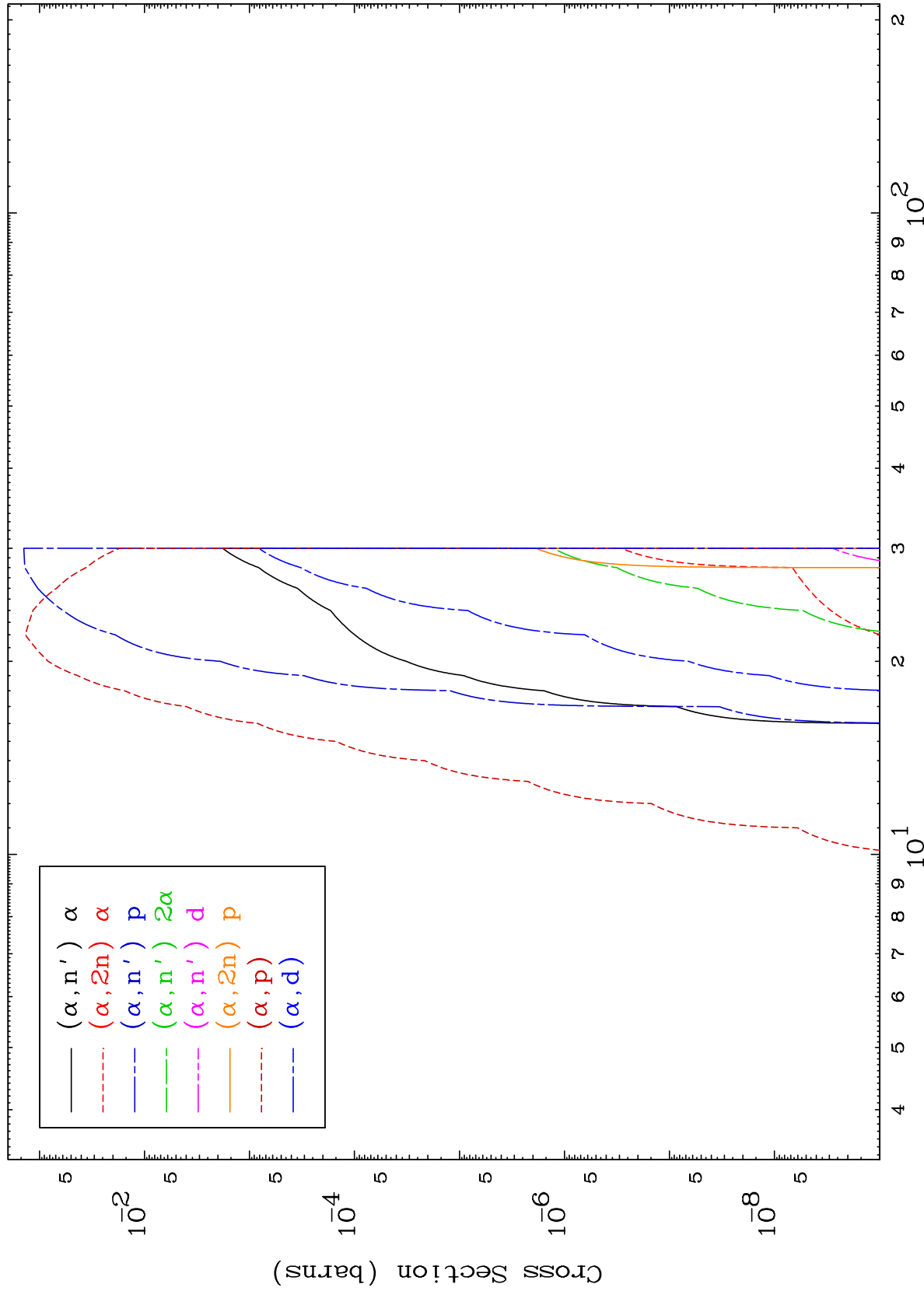
$^{73}\text{Ta-160}$



1

Incident Energy (MeV)

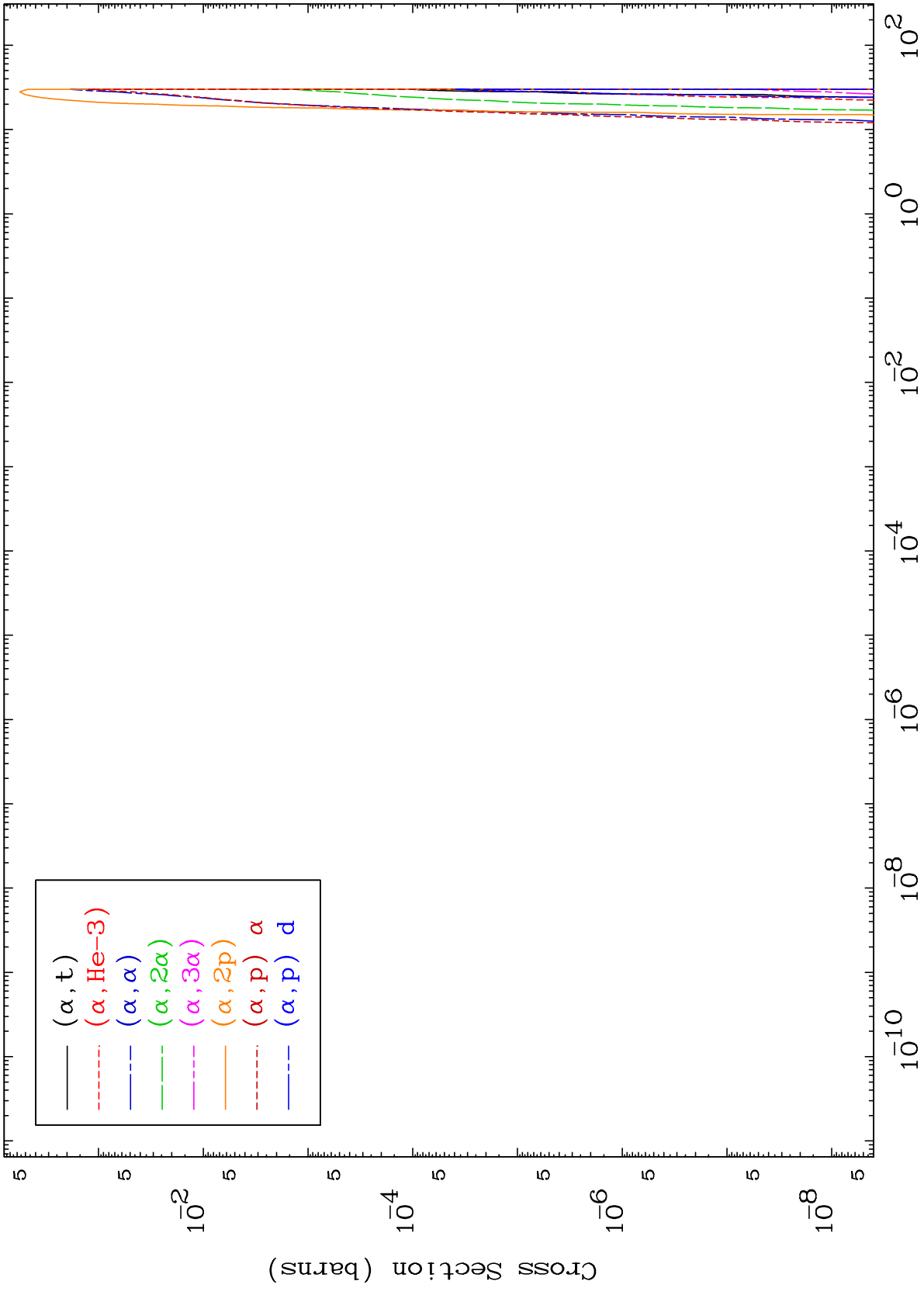
$^{73}\text{Ta-160}$



MAT 7266

α Charged Particle
0 Kelvin Cross Sections

73-Ta-160

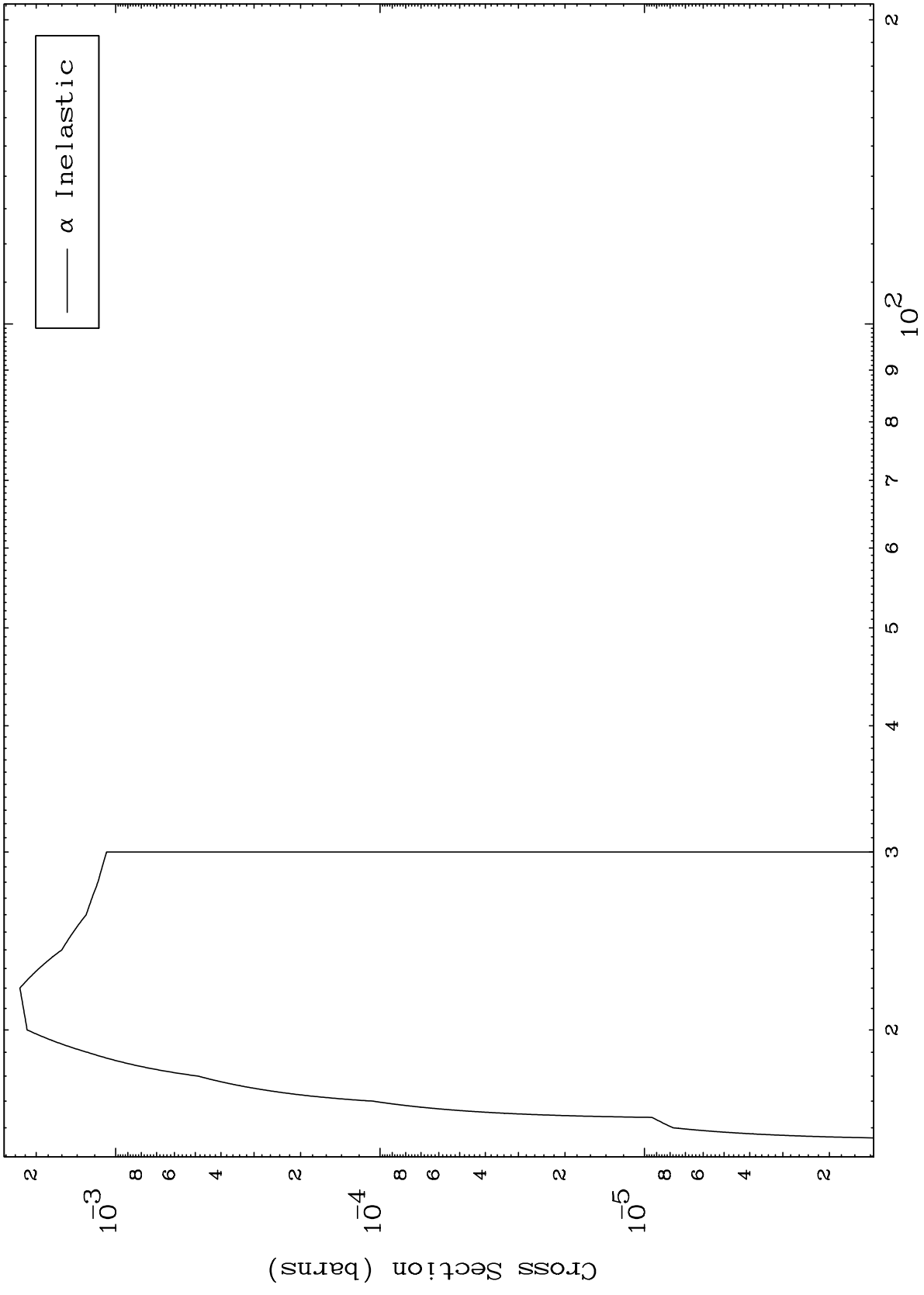


73-Ta-160

MAT 7266

(α, n') Level
0 Kelvin Cross Sections

73-Ta-160



5

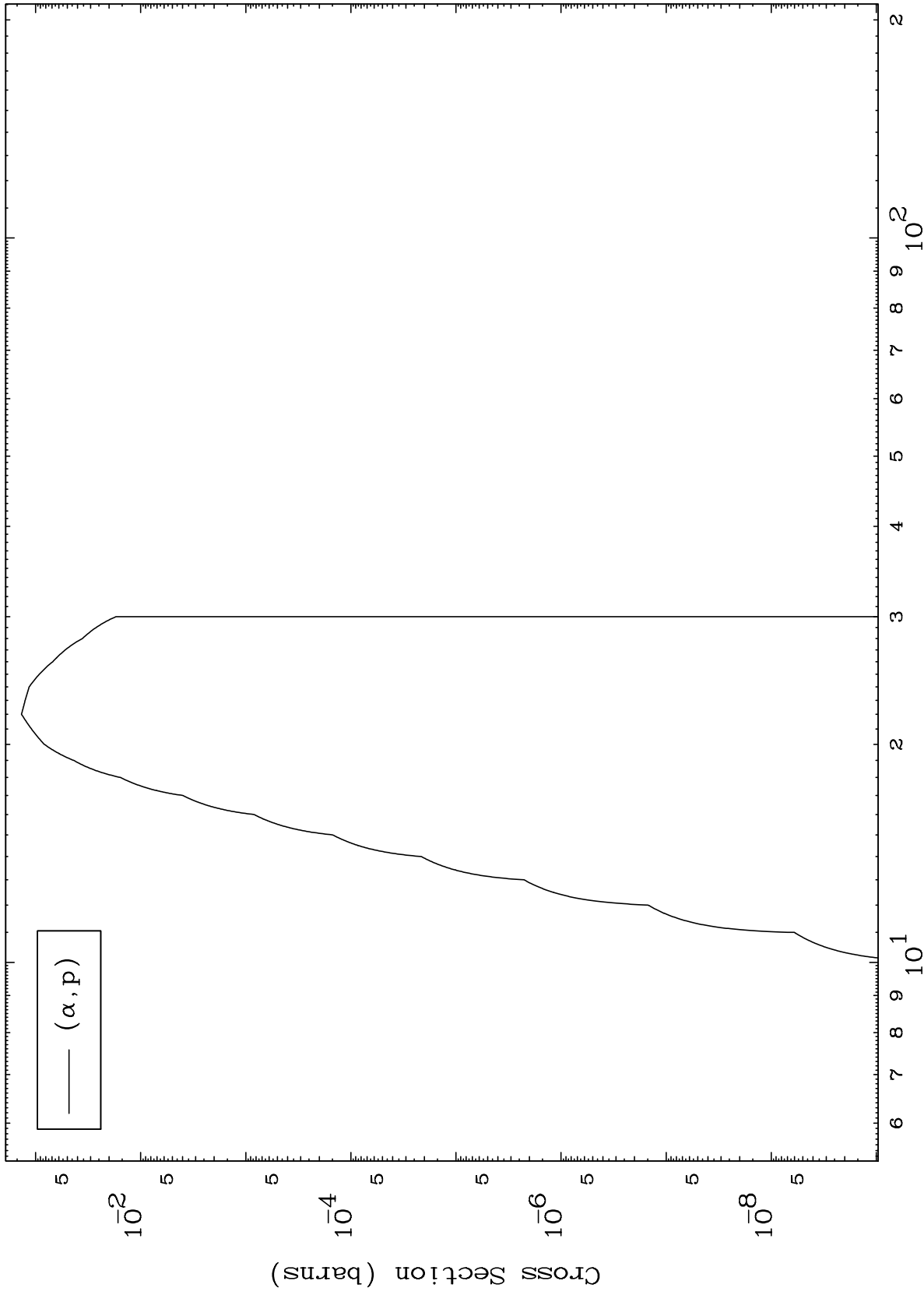
Incident Energy (MeV)

73-Ta-160

MAT 7266

(α, p) Levels
0 Kelvin Cross Sections

73-Ta-160



6

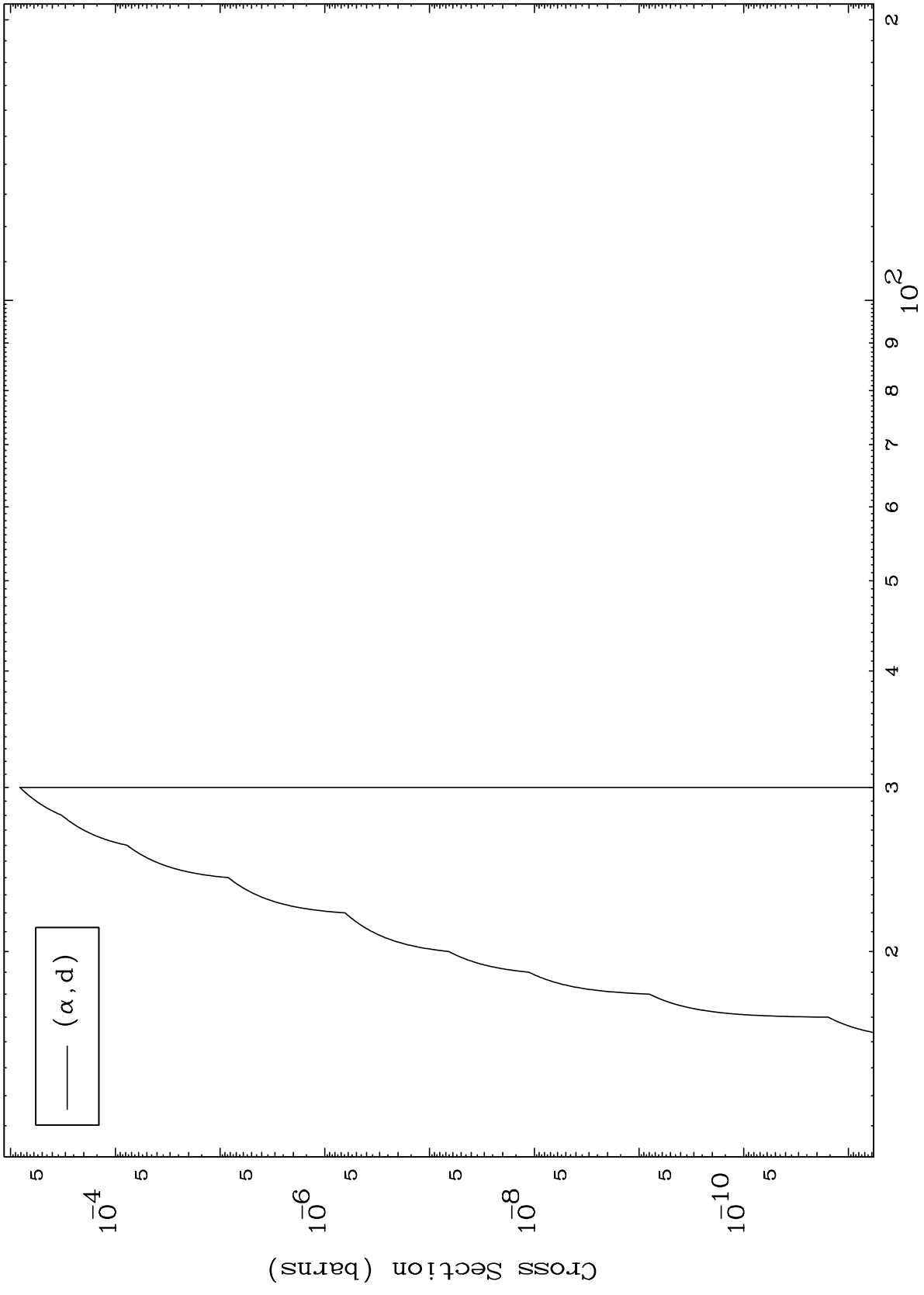
Incident Energy (MeV)

73-Ta-160

MAT 7266

(α, d) Levels
0 Kelvin Cross Sections

73-Ta-160



7

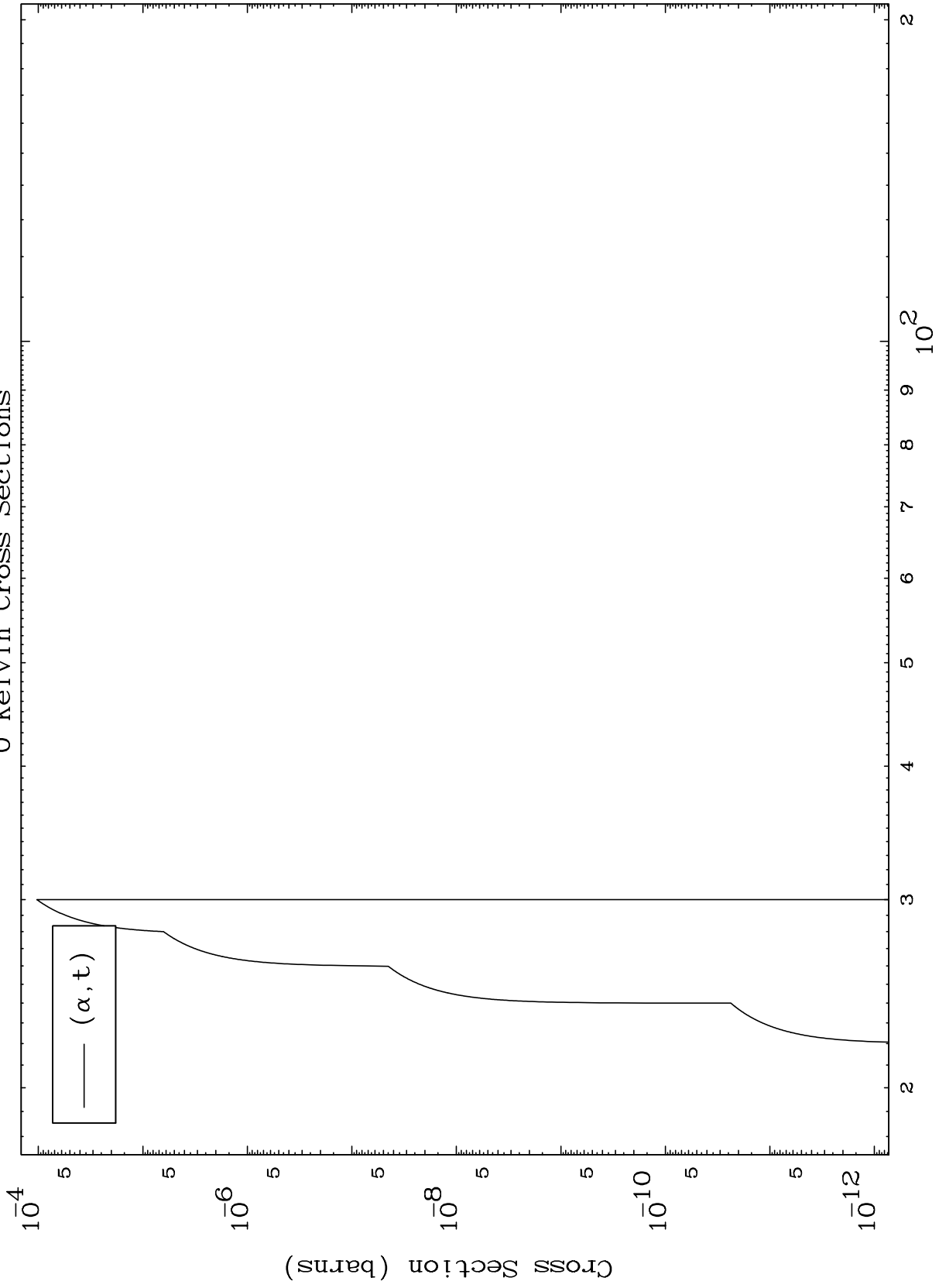
Incident Energy (MeV)

73-Ta-160

MAT 7266

(α, t) Levels
0 Kelvin Cross Sections

73-Ta-160



8

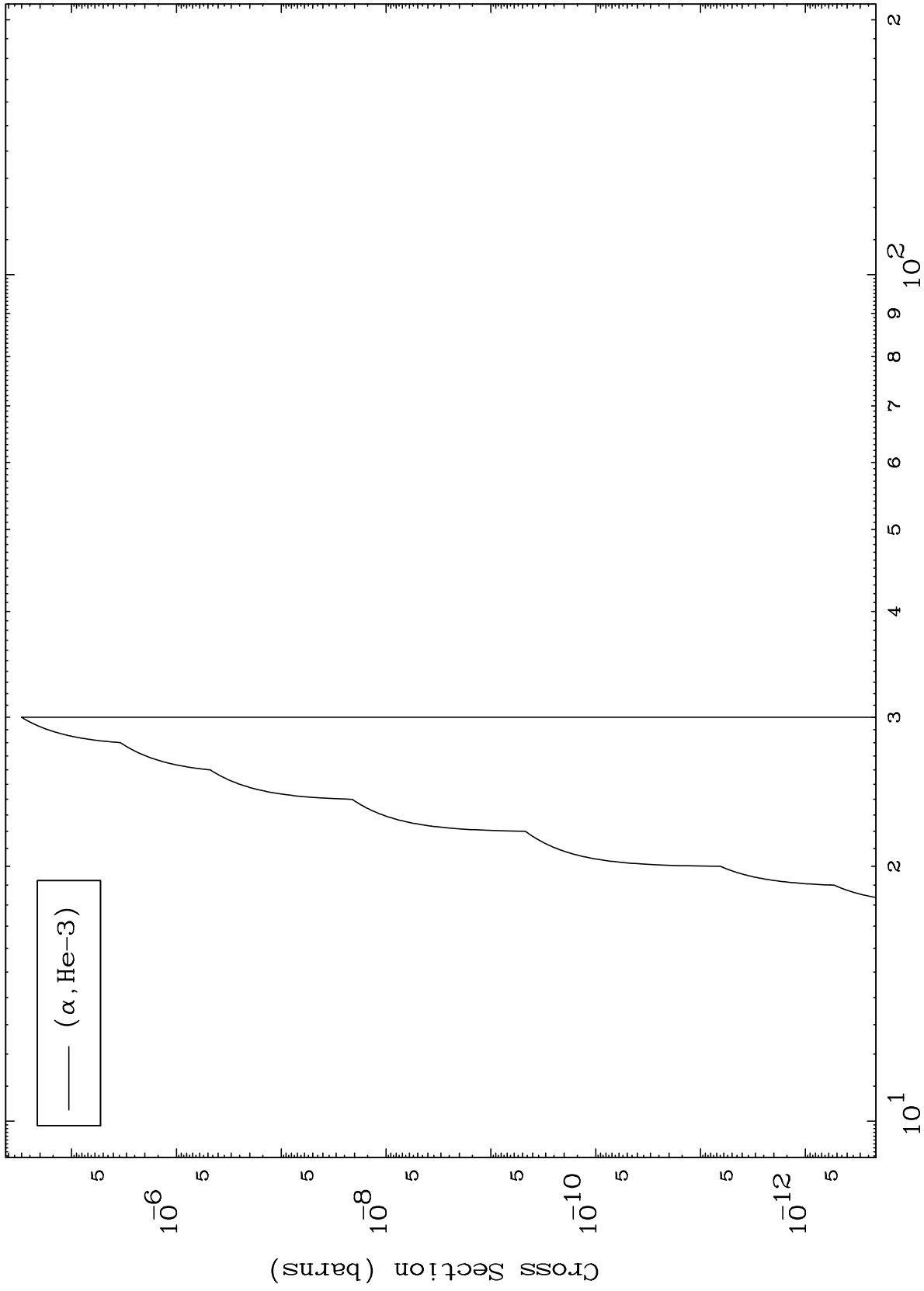
Incident Energy (MeV)

73-Ta-160

MAT 7266

(α ,He3) Levels
0 Kelvin Cross Sections

73-Ta-160



9

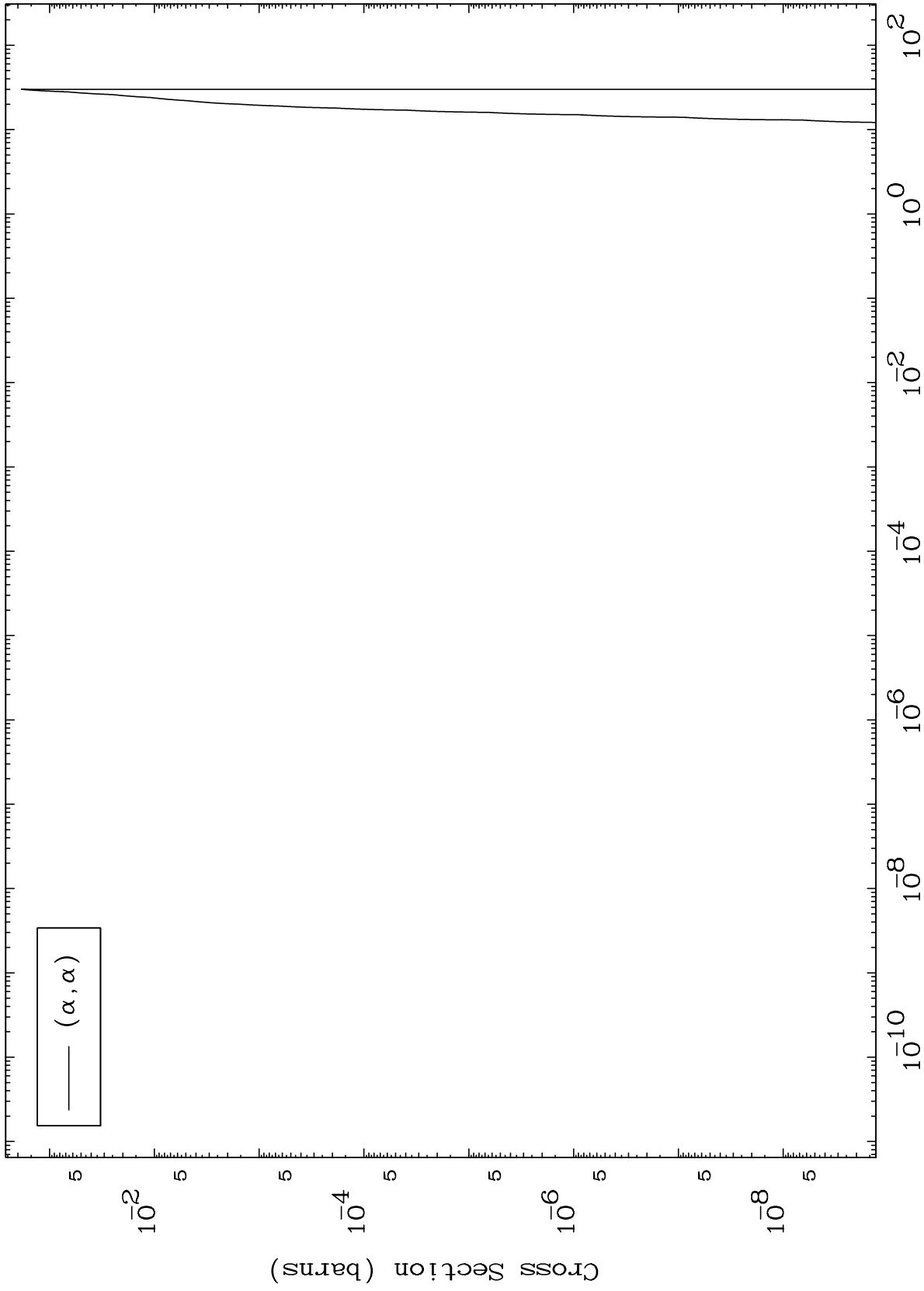
Incident Energy (MeV)

73-Ta-160

MAT 7266

(α, α) Levels
0 Kelvin Cross Sections

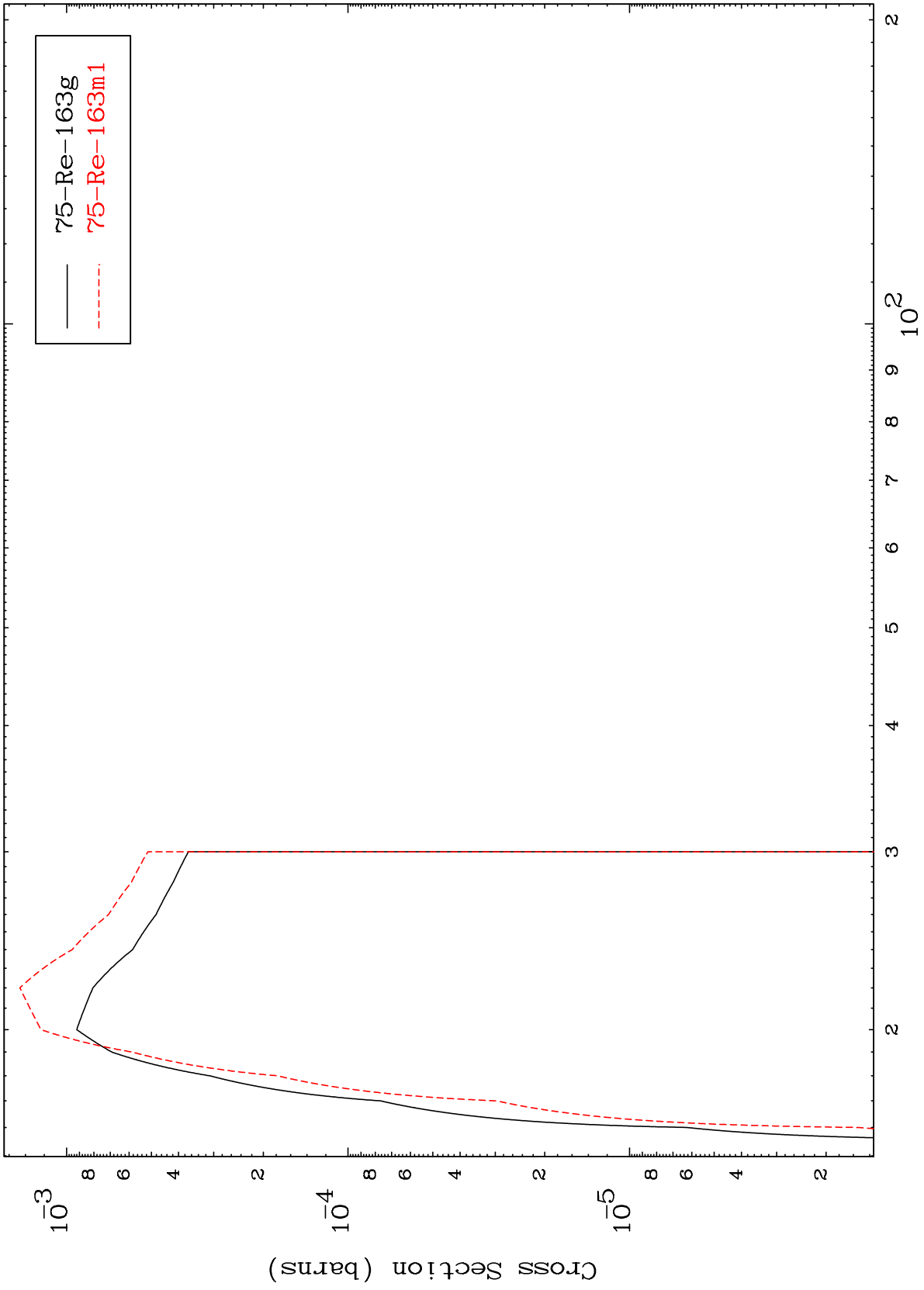
⁷³Ta-160



10

Incident Energy (MeV)

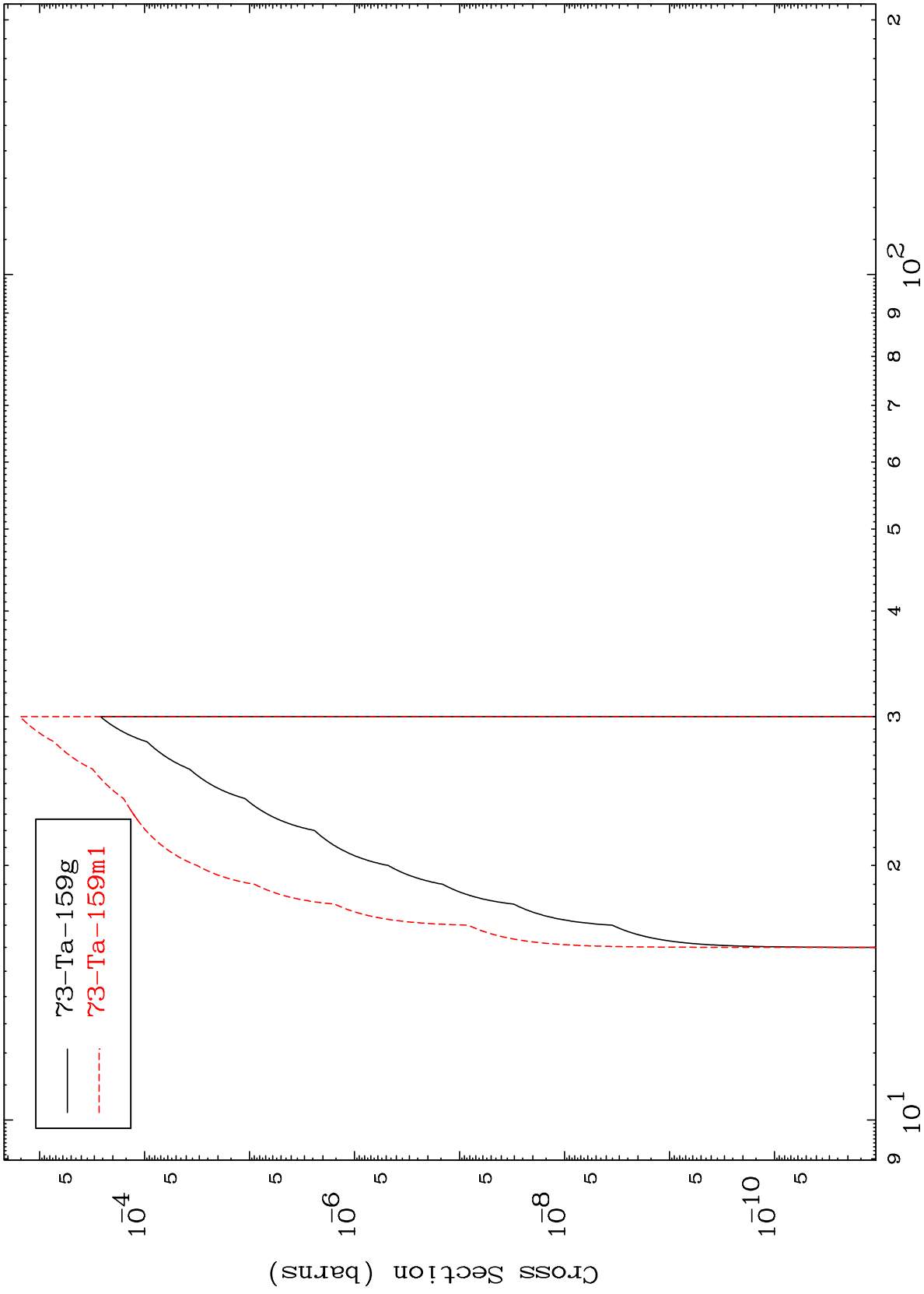
⁷³Ta-160



MAT 7266

⁷³Ta-160

(α, n') α
Radionuclide Production Cross Section



12

Incident Energy (MeV)

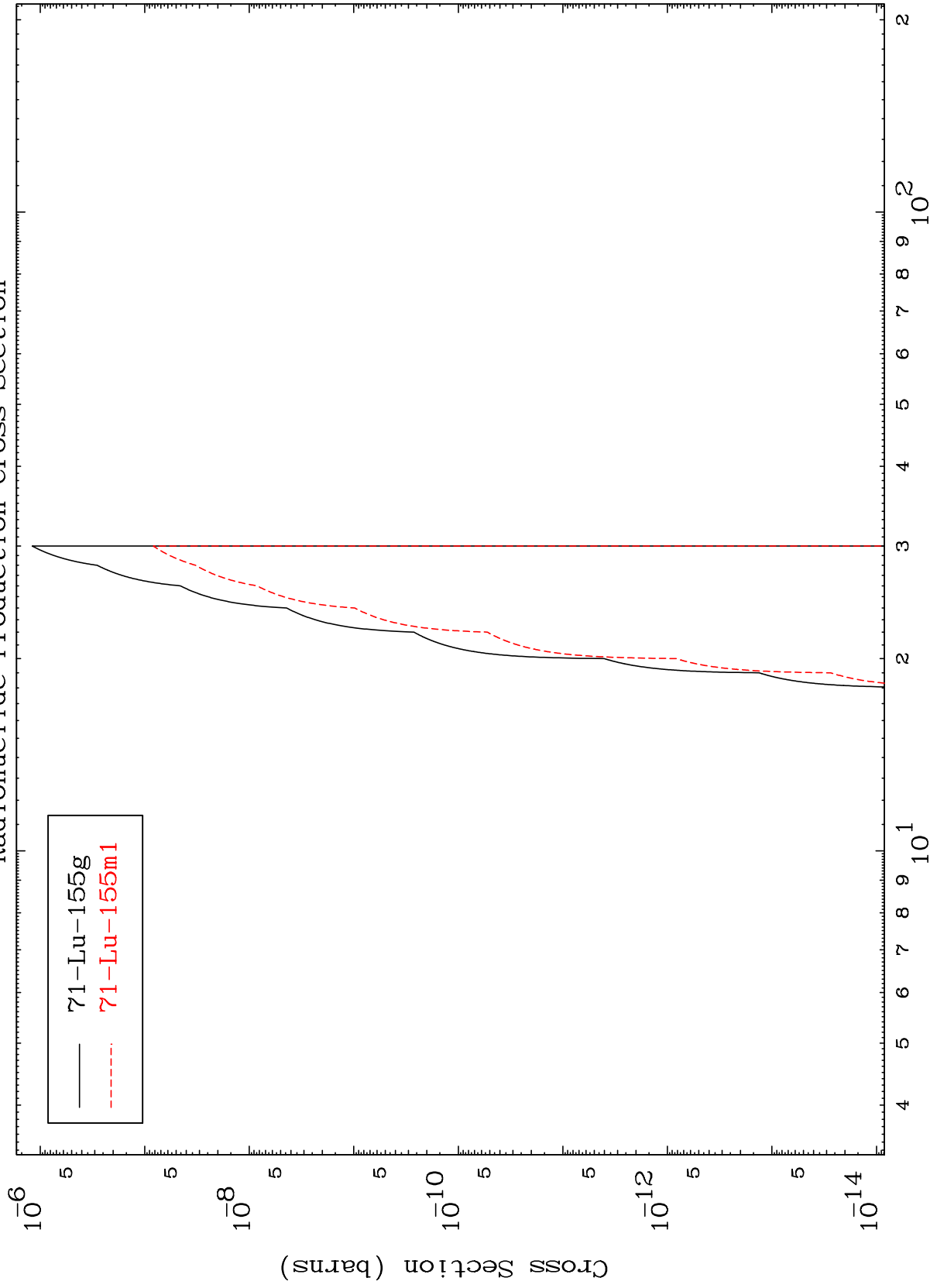
⁷³Ta-160

MAT 7266

(α, n') 2α

$^{73}\text{Ta-160}$

Radionuclide Production Cross Section



13

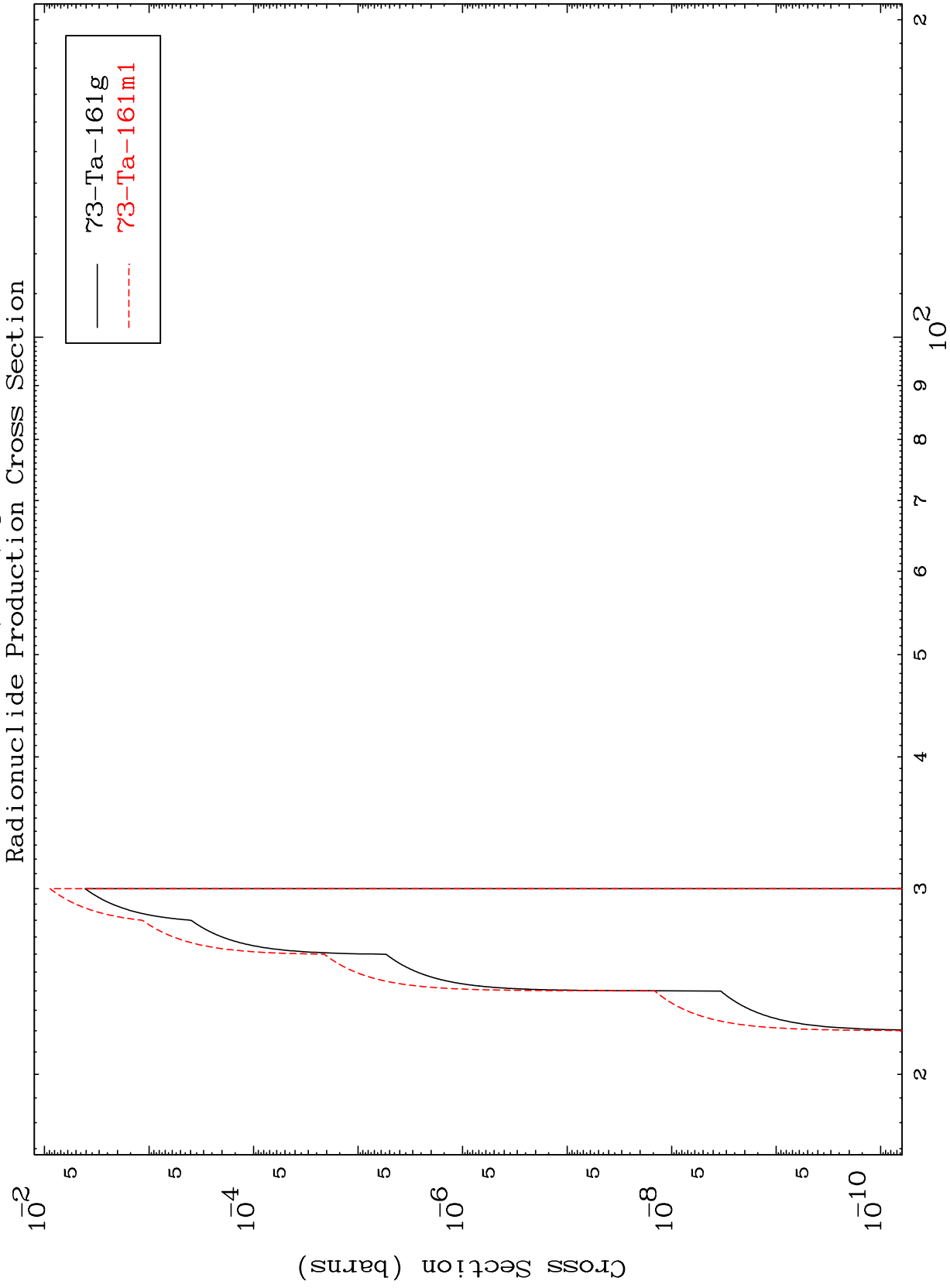
Incident Energy (MeV)

$^{73}\text{Ta-160}$

MAT 7266

($\alpha, 2n$) p

⁷³Ta-160



14

Incident Energy (MeV)

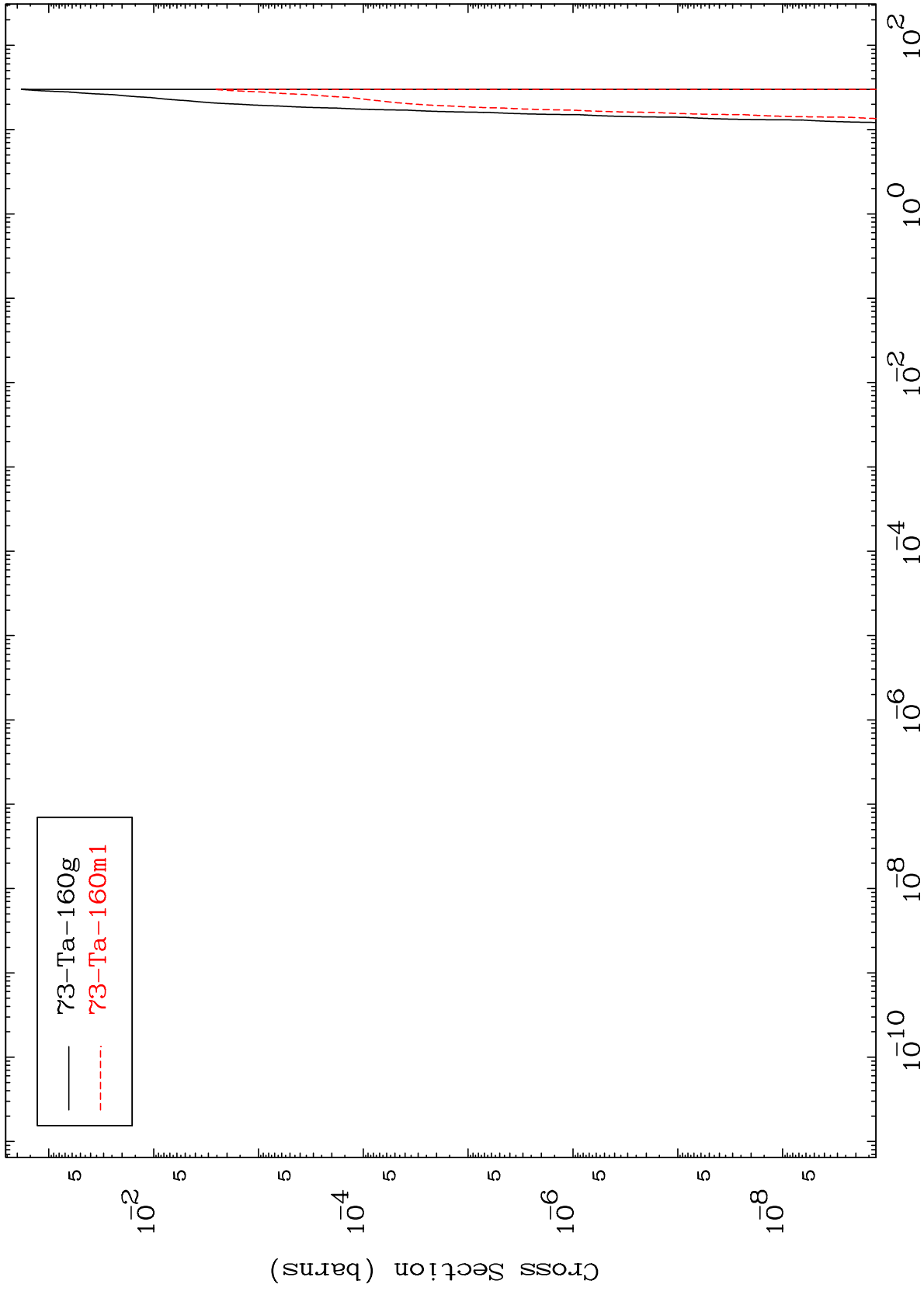
⁷³Ta-160

MAT 7266

(α, α)

⁷³Ta-160

Radionuclide Production Cross Section



16

Incident Energy (MeV)

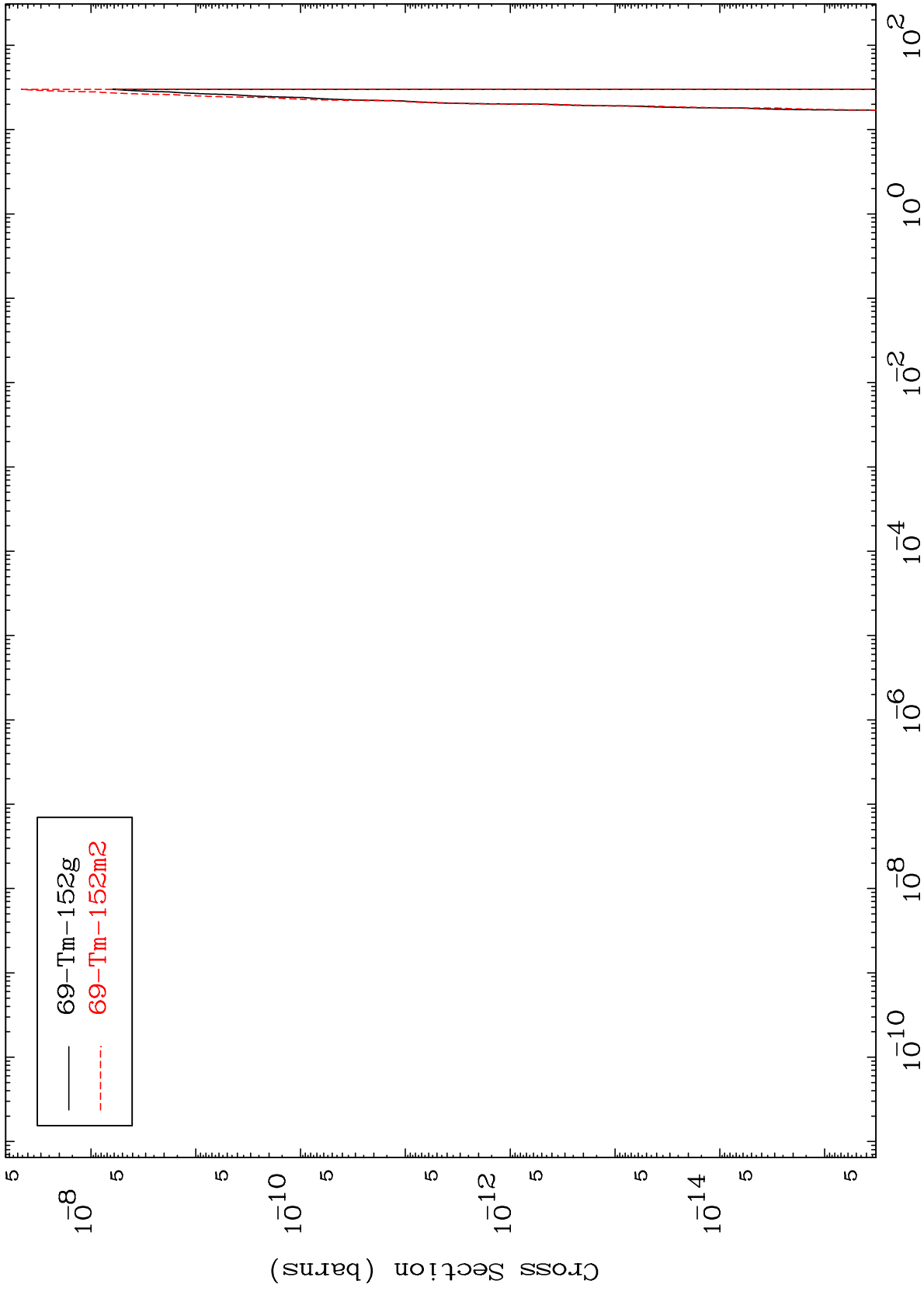
⁷³Ta-160

MAT 7266

($\alpha, 3\alpha$)

⁷³Ta-160

Radionuclide Production Cross Section



17

Incident Energy (MeV)

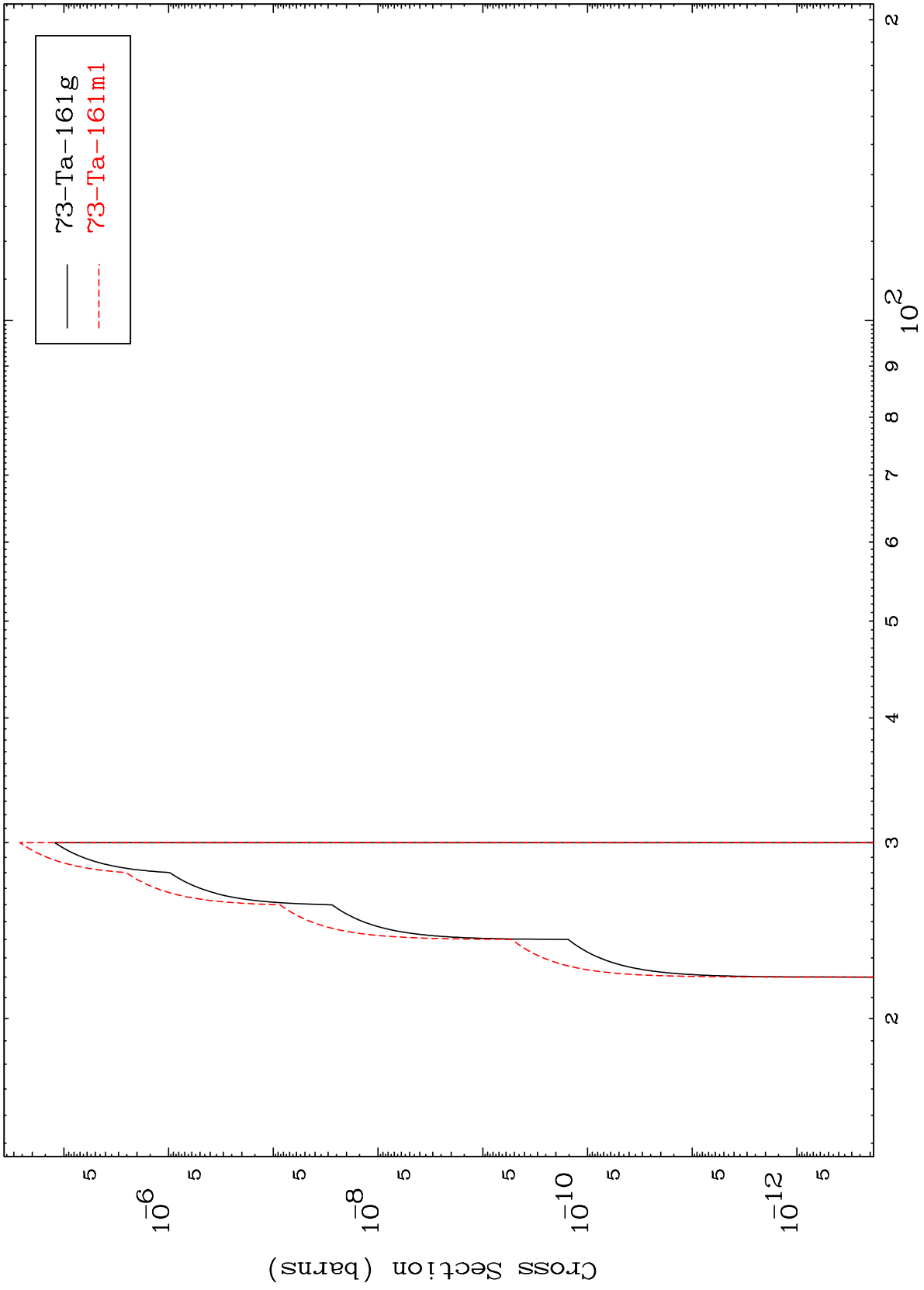
⁷³Ta-160

MAT 7266

(α, p) d

$^{73}\text{Ta-160}$

Radionuclide Production Cross Section



18

Incident Energy (MeV)

$^{73}\text{Ta-160}$