

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

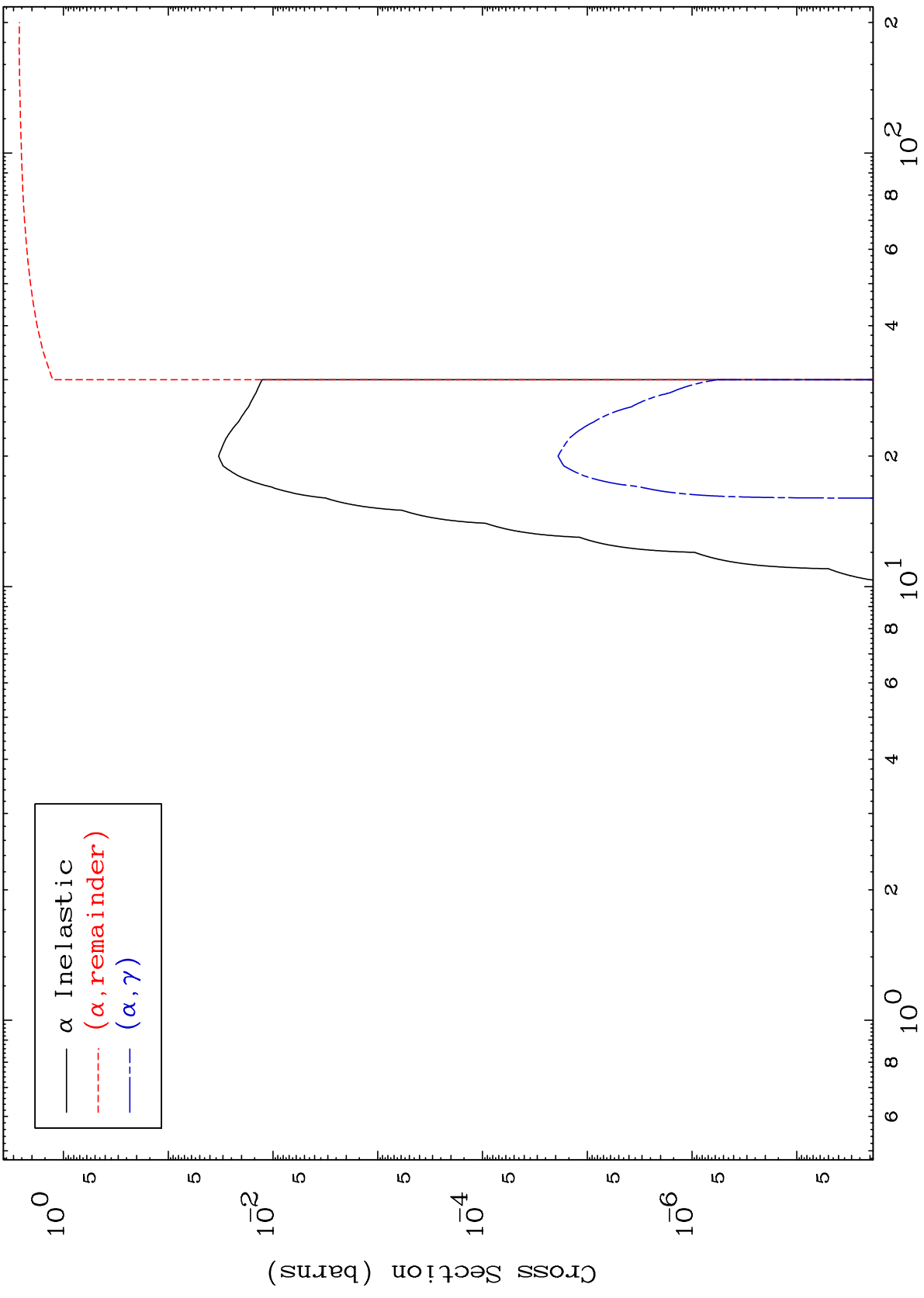
Press Mouse Button to Start

MAT 7244

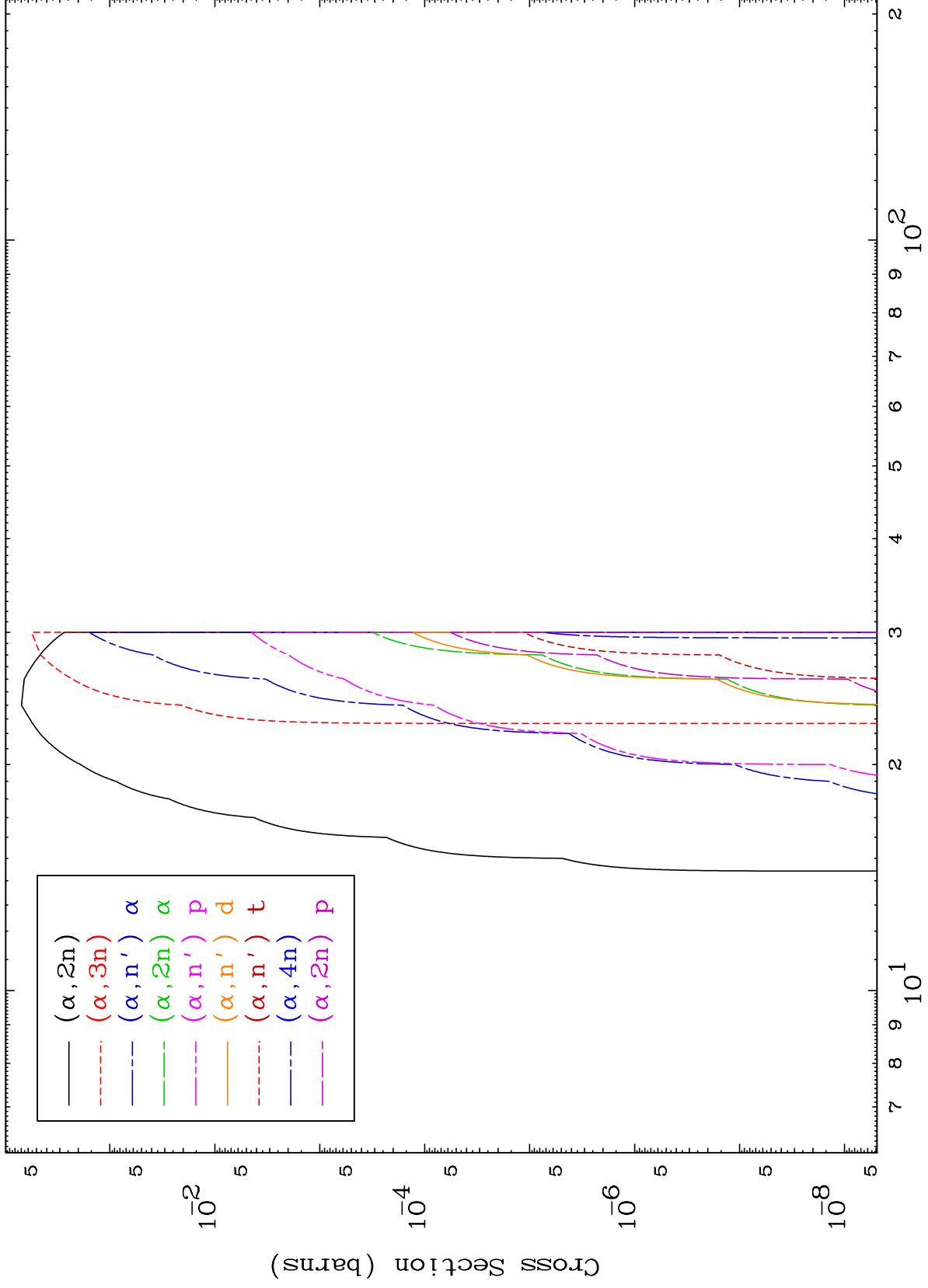
α Major

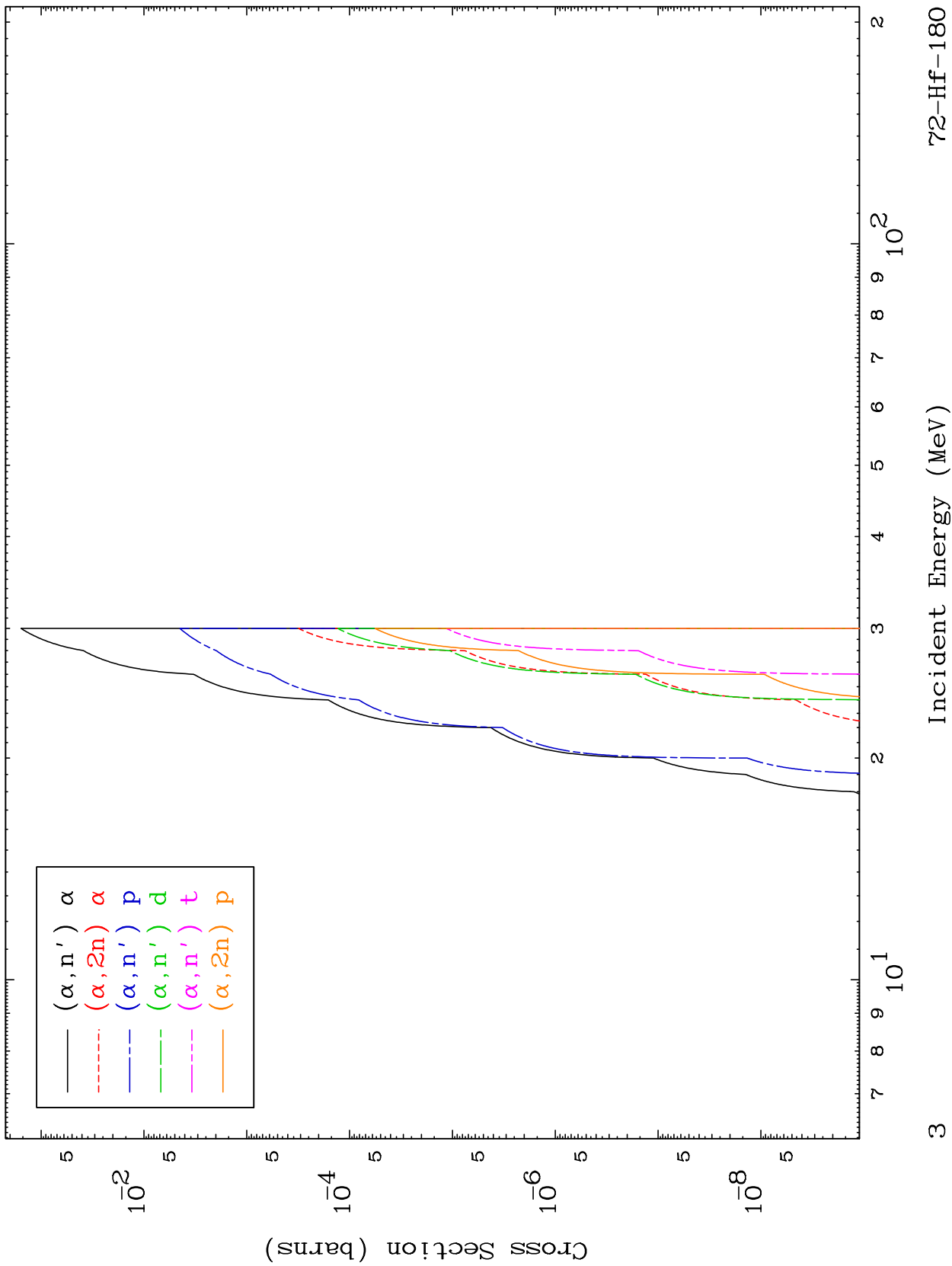
72-Hf-180

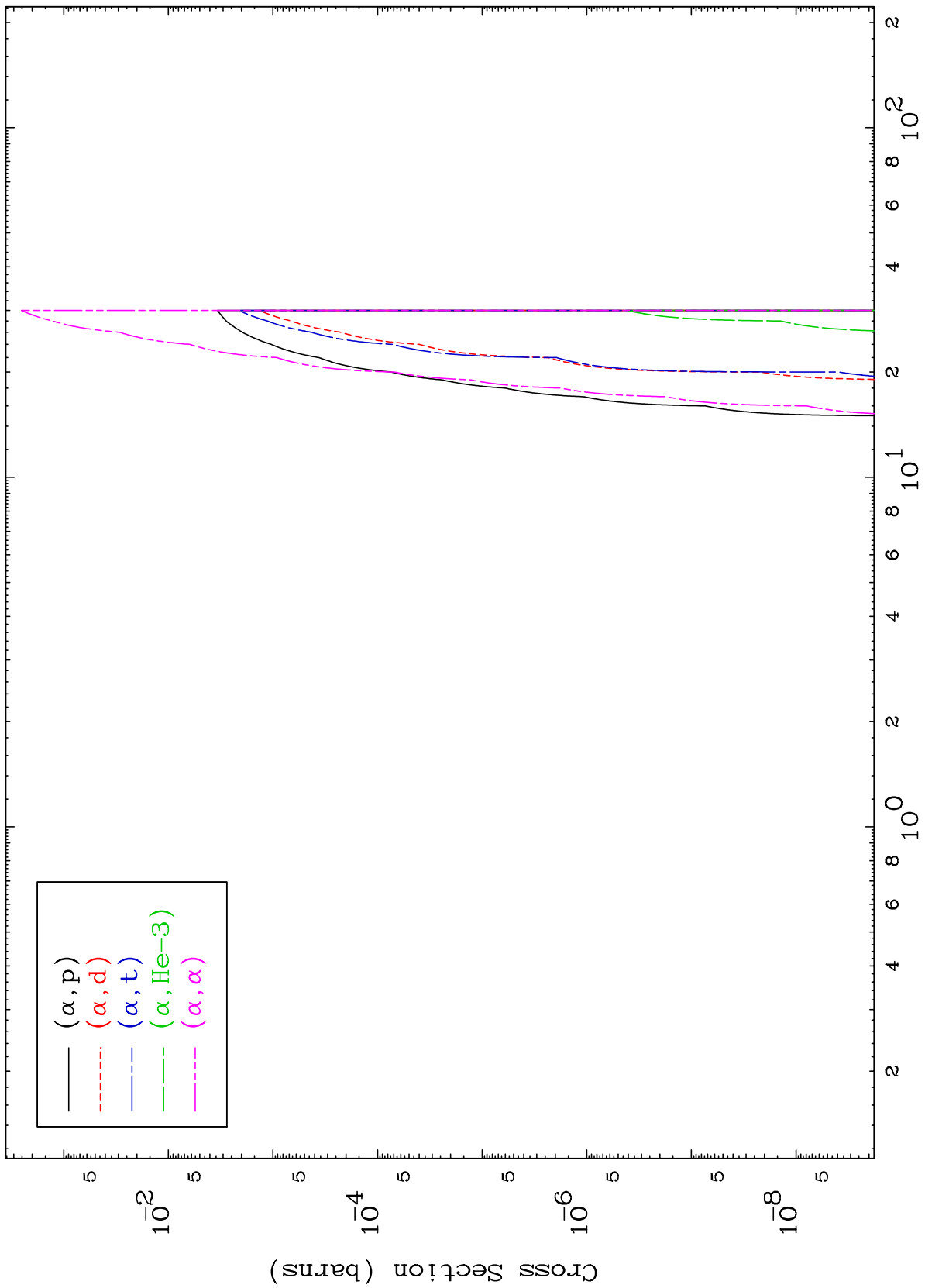
0 Kelvin Cross Sections



α Inelastic
 $(\alpha, \text{remainder})$
 (α, γ)





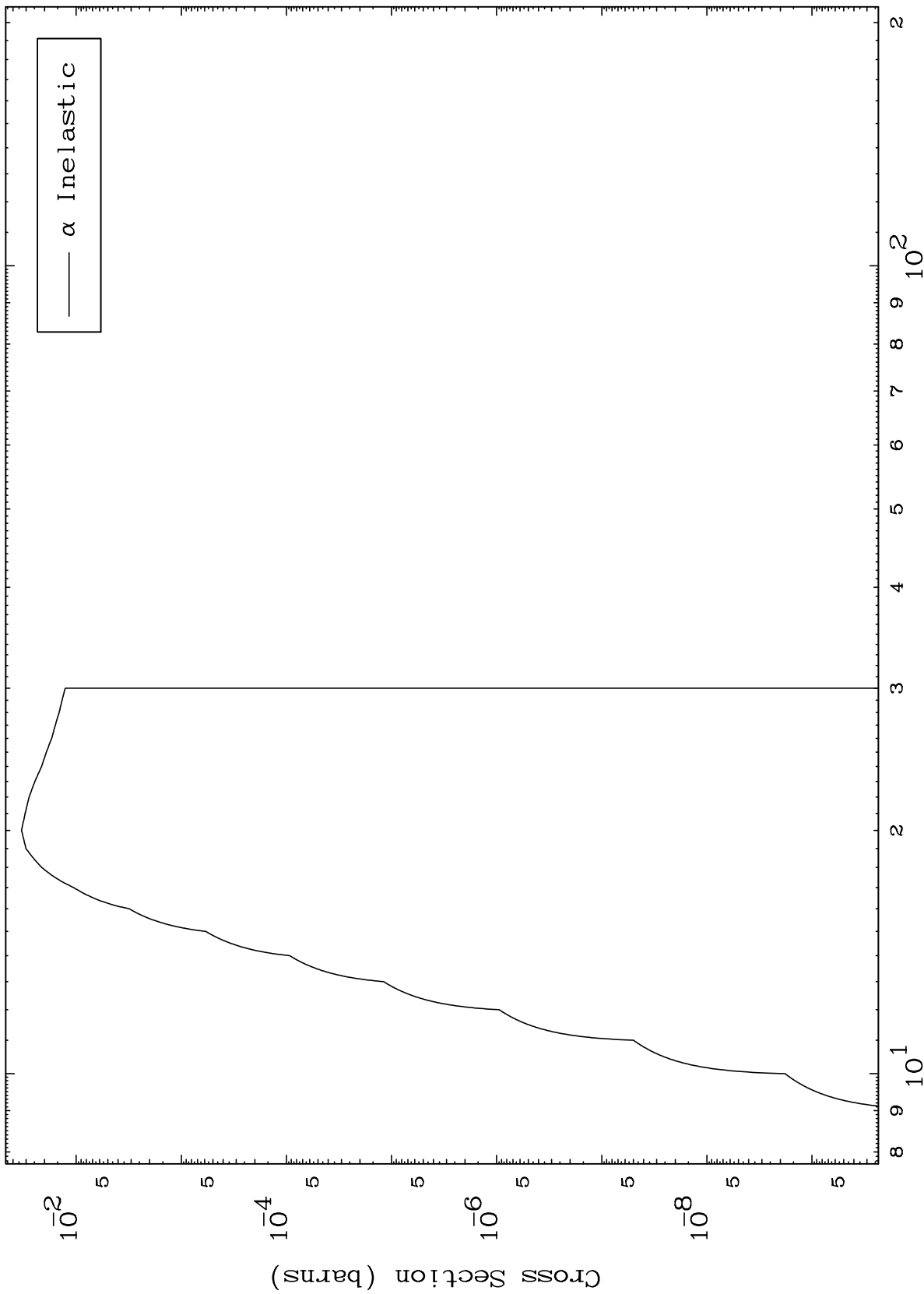


MAT 7244

(α, n') Level

72-Hf-180

0 Kelvin Cross Sections



Incident Energy (MeV)

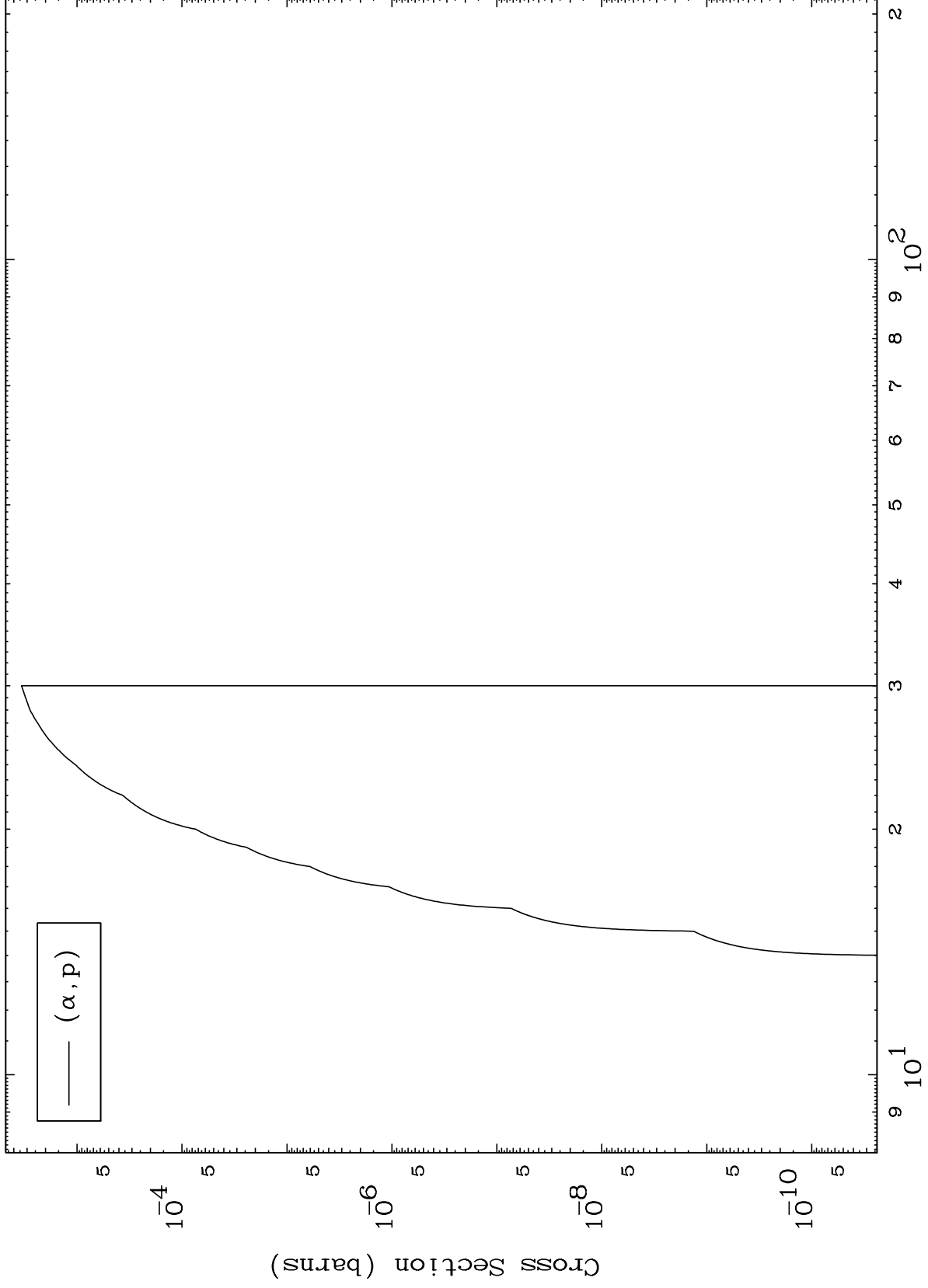
72-Hf-180

5

MAT 7244

(α, p) Levels
0 Kelvin Cross Sections

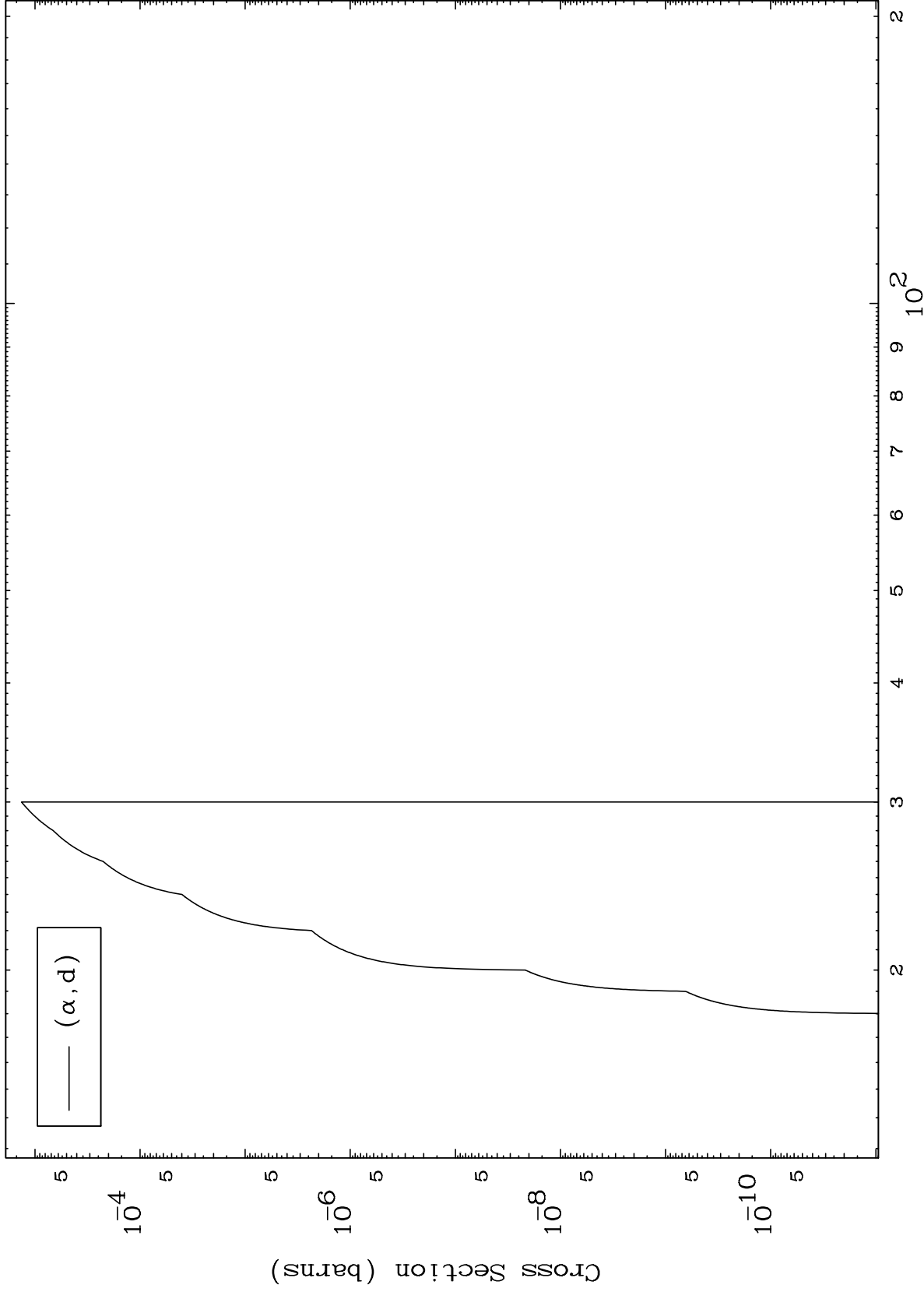
72-Hf-180



6

Incident Energy (MeV)

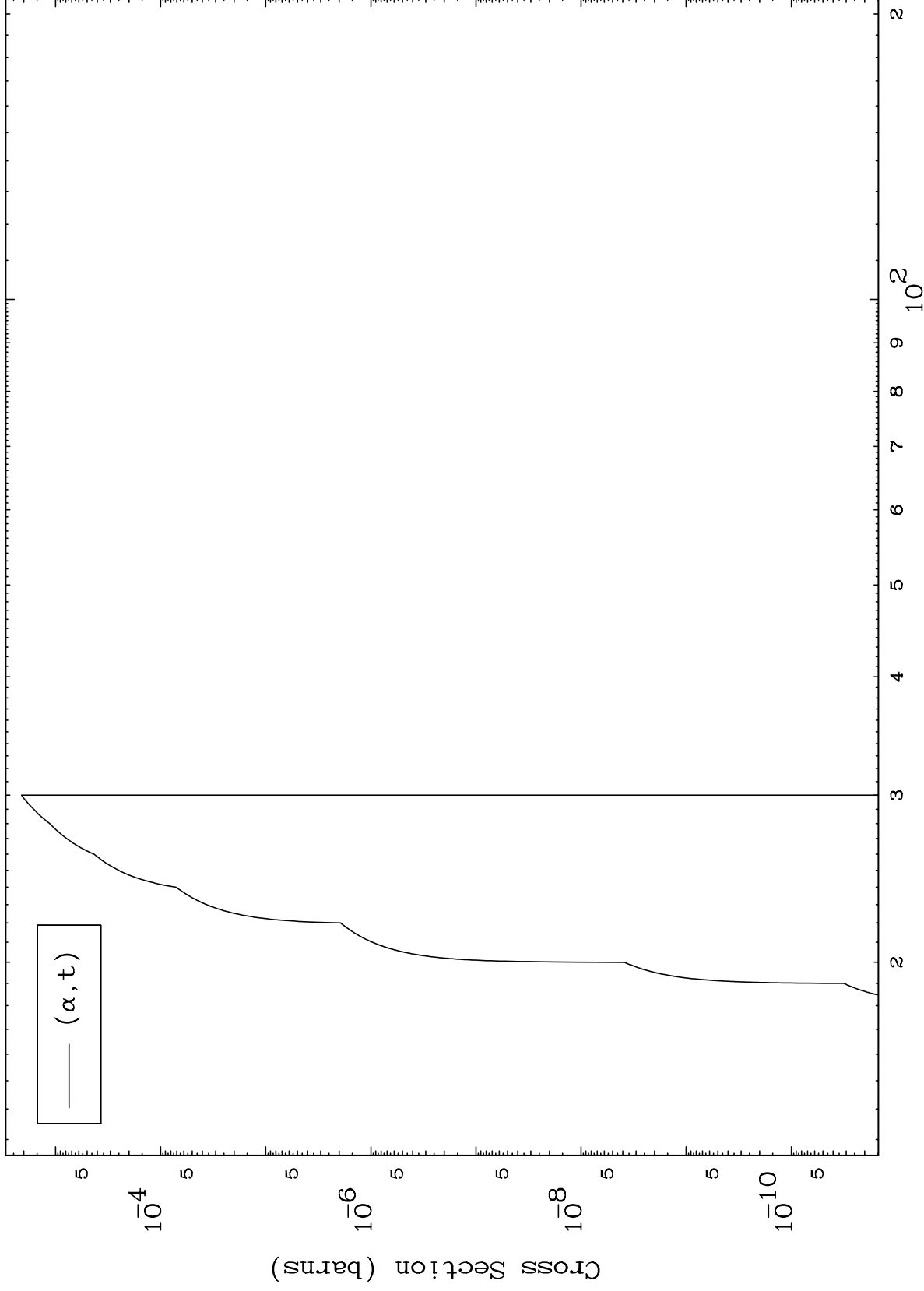
72-Hf-180



MAT 7244

(α, t) Levels
0 Kelvin Cross Sections

72-Hf-180

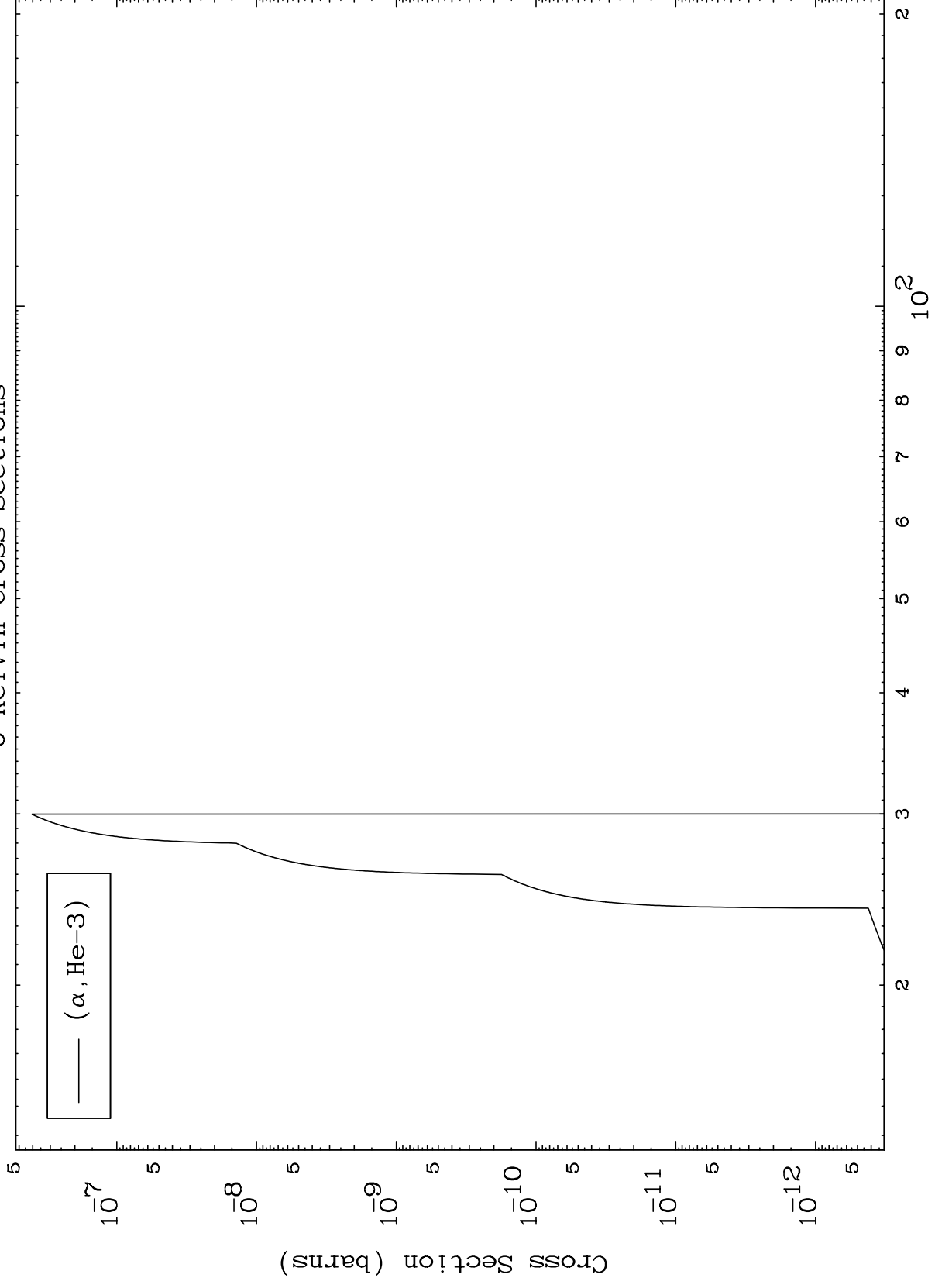


MAT 7244

(α , He3) Levels

72-Hf-180

0 Kelvin Cross Sections

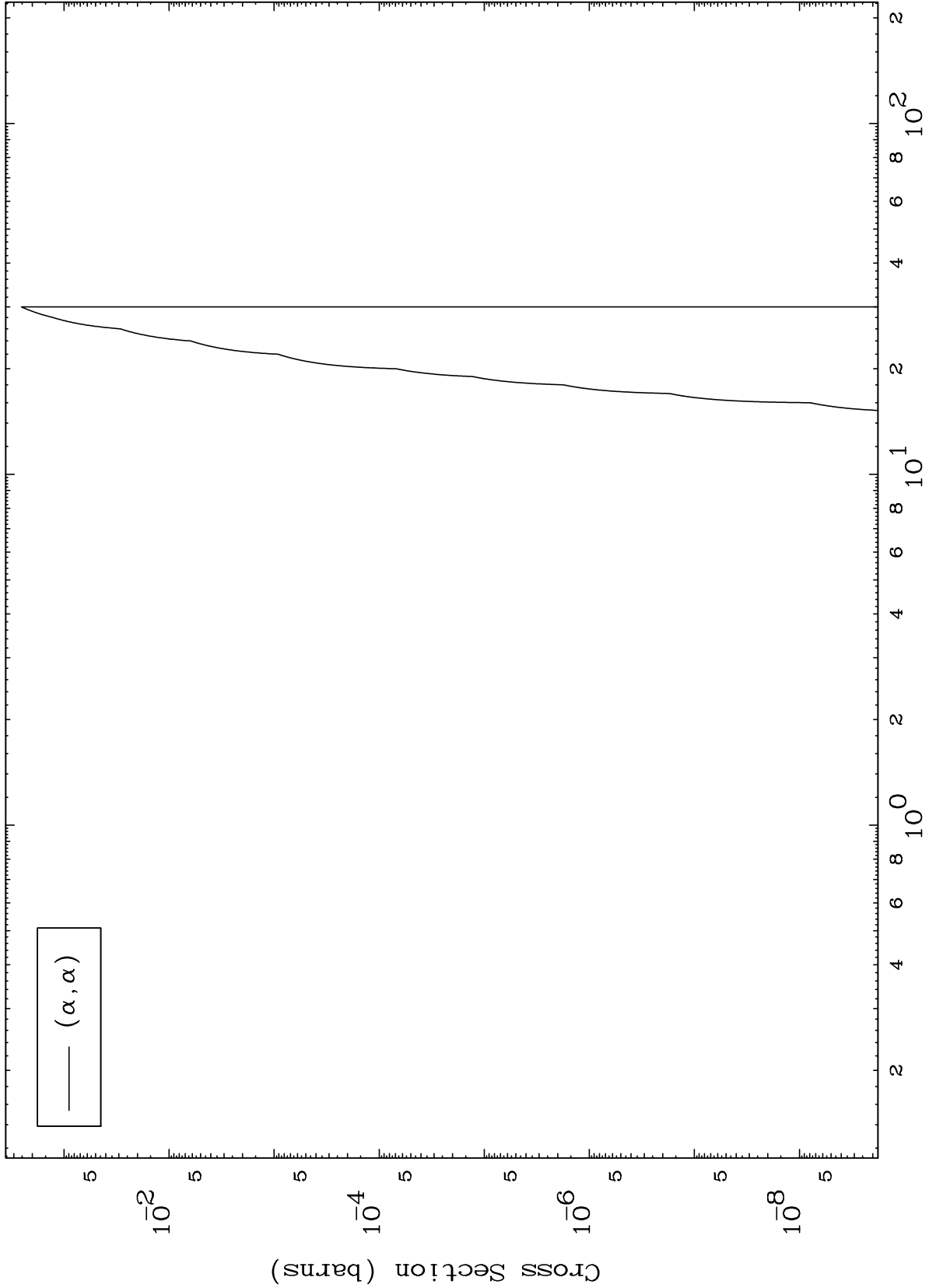


MAT 7244

(α, α) Levels

72-Hf-180

0 Kelvin Cross Sections



10

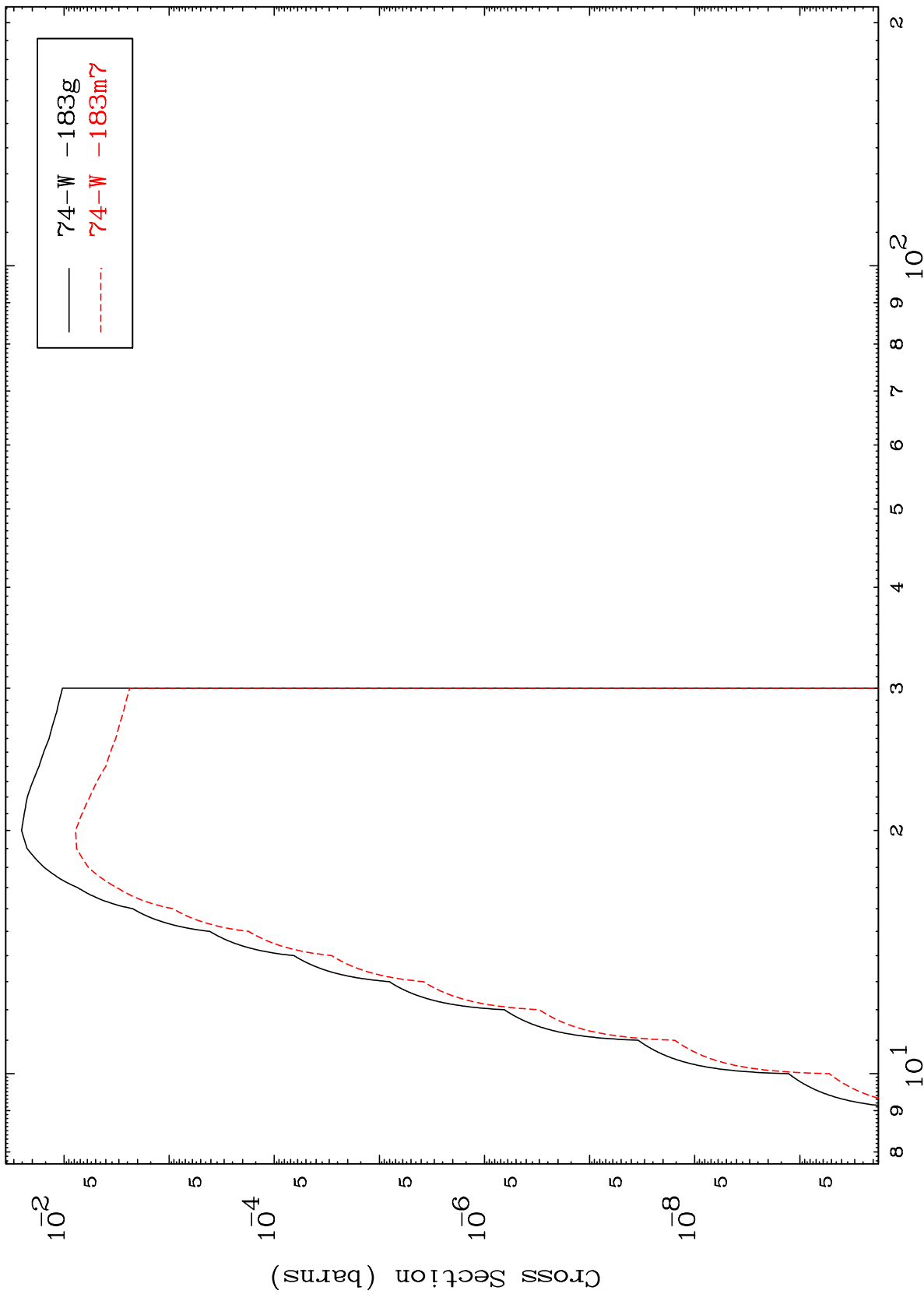
Incident Energy (MeV)

72-Hf-180

MAT 7244

72-Hf-180

α Inelastic
Radionuclide Production Cross Section



72-Hf-180

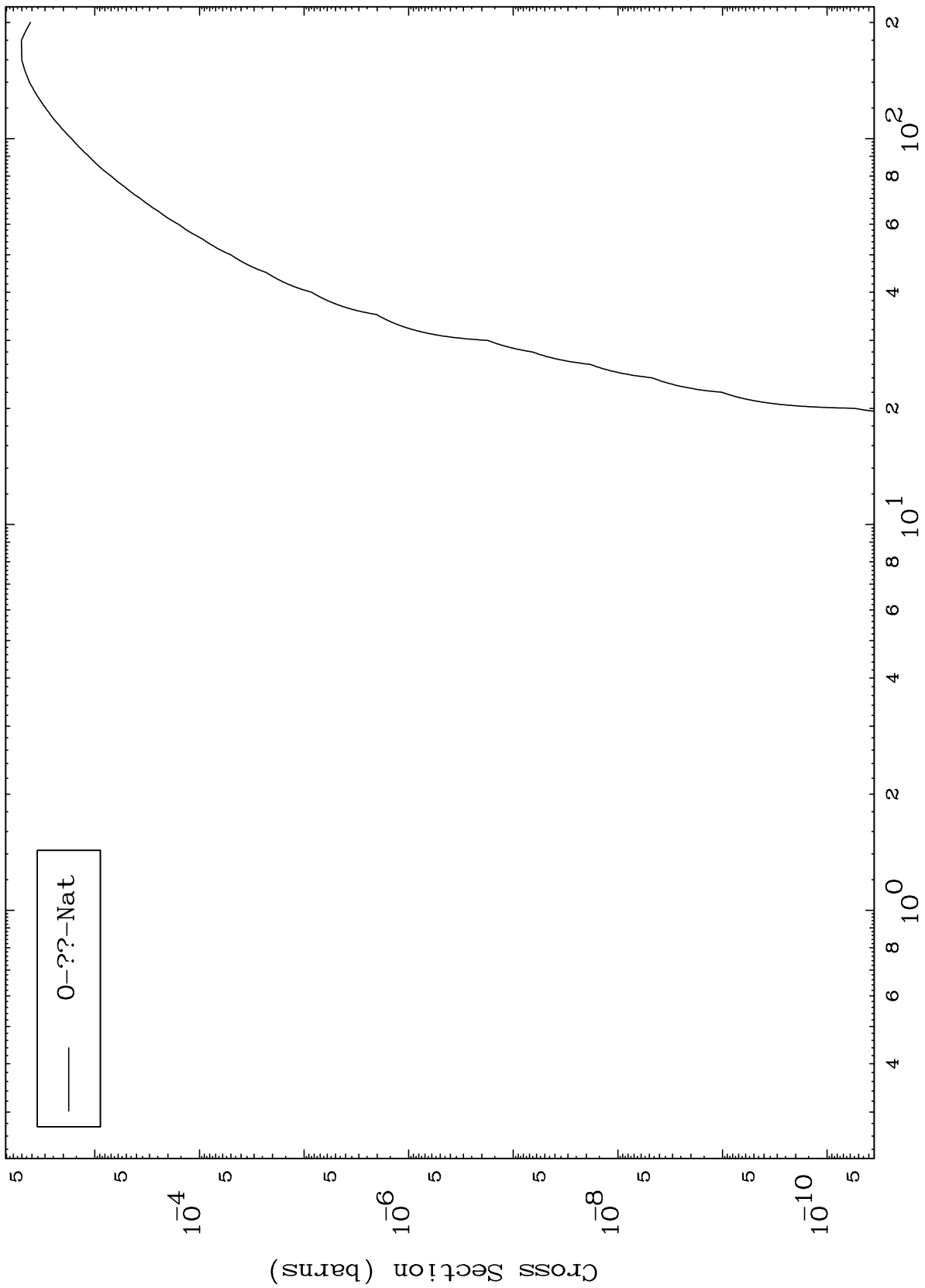
Incident Energy (MeV)

11

MAT 7244

72-Hf-180

α Fission
Radionuclide Production Cross Section



72-Hf-180

Incident Energy (MeV)

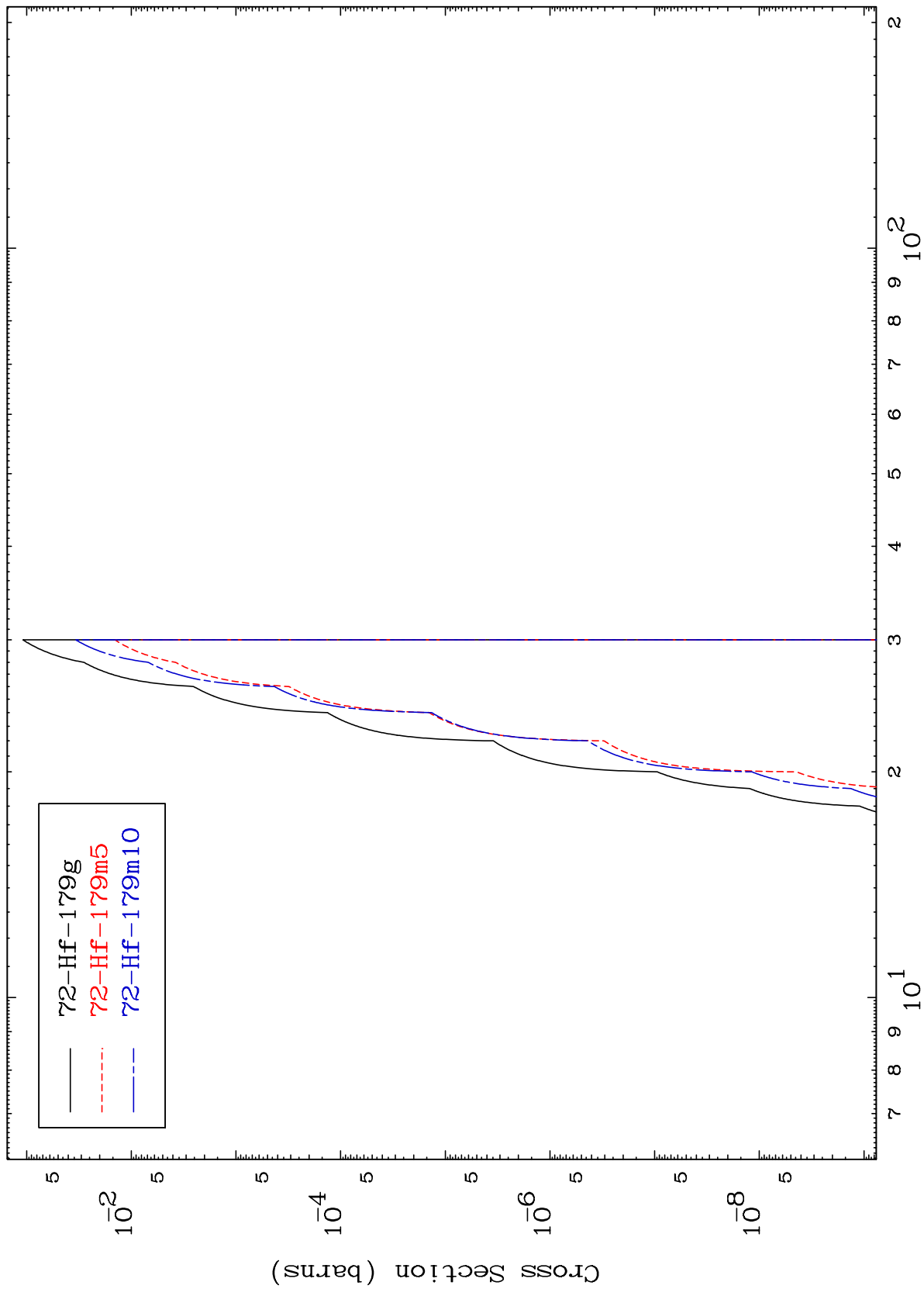
12

MAT 7244

(α, n') α

72-Hf-180

Radionuclide Production Cross Section

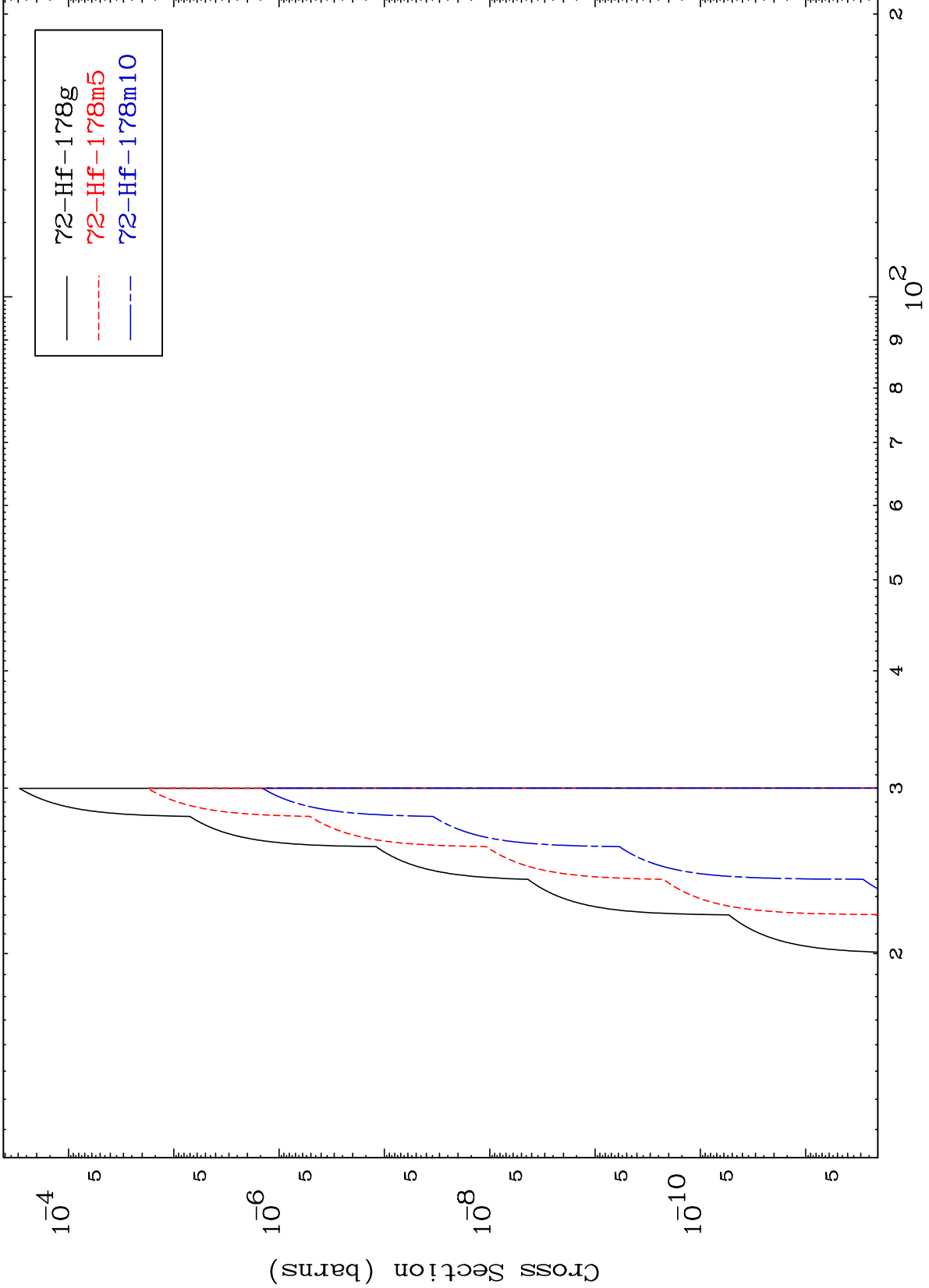


MAT 7244

$(\alpha, 2n)$ α

72-Hf-180

Radionuclide Production Cross Section

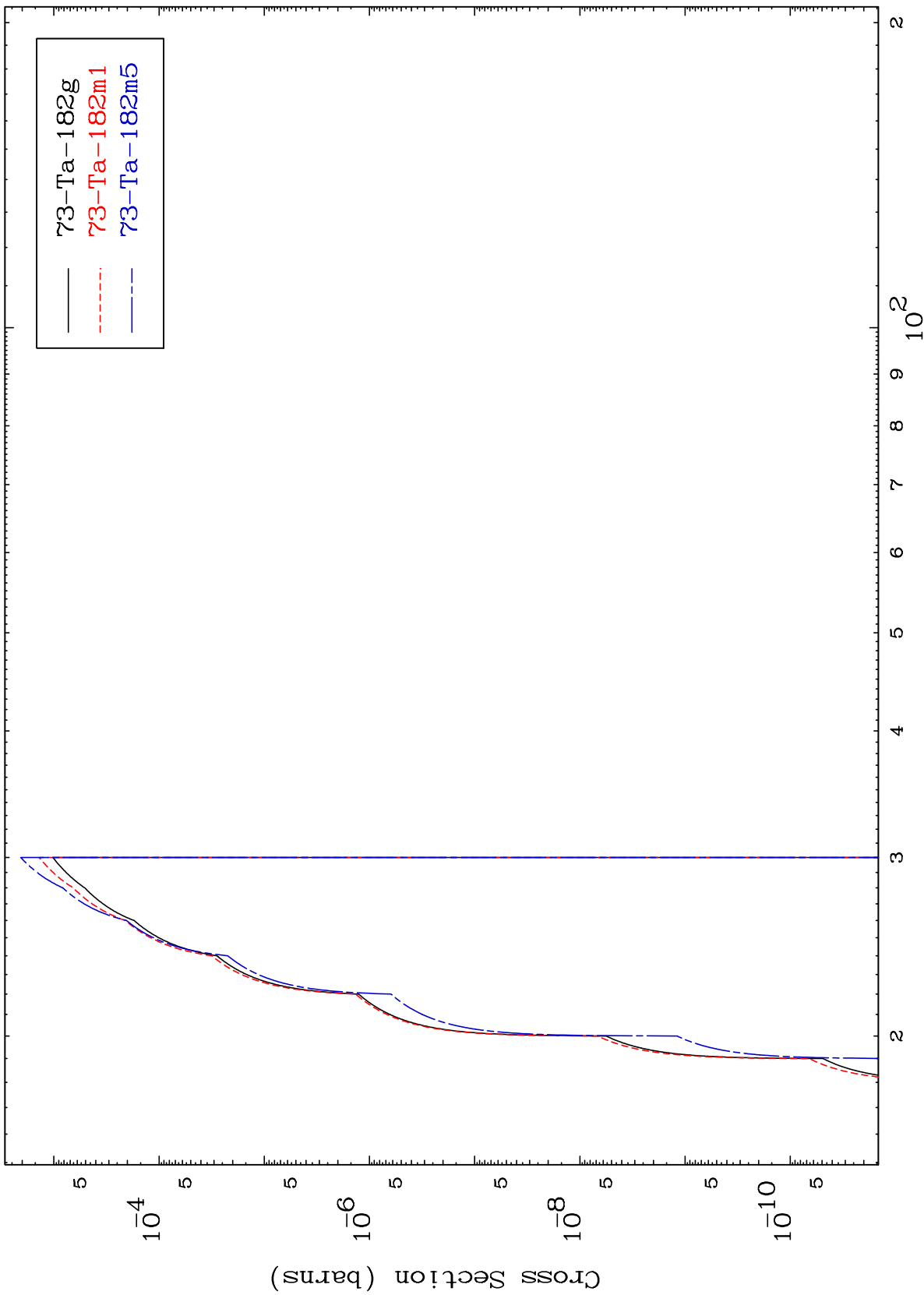


14

Incident Energy (MeV)

72-Hf-180

Radionuclide Production Cross Section

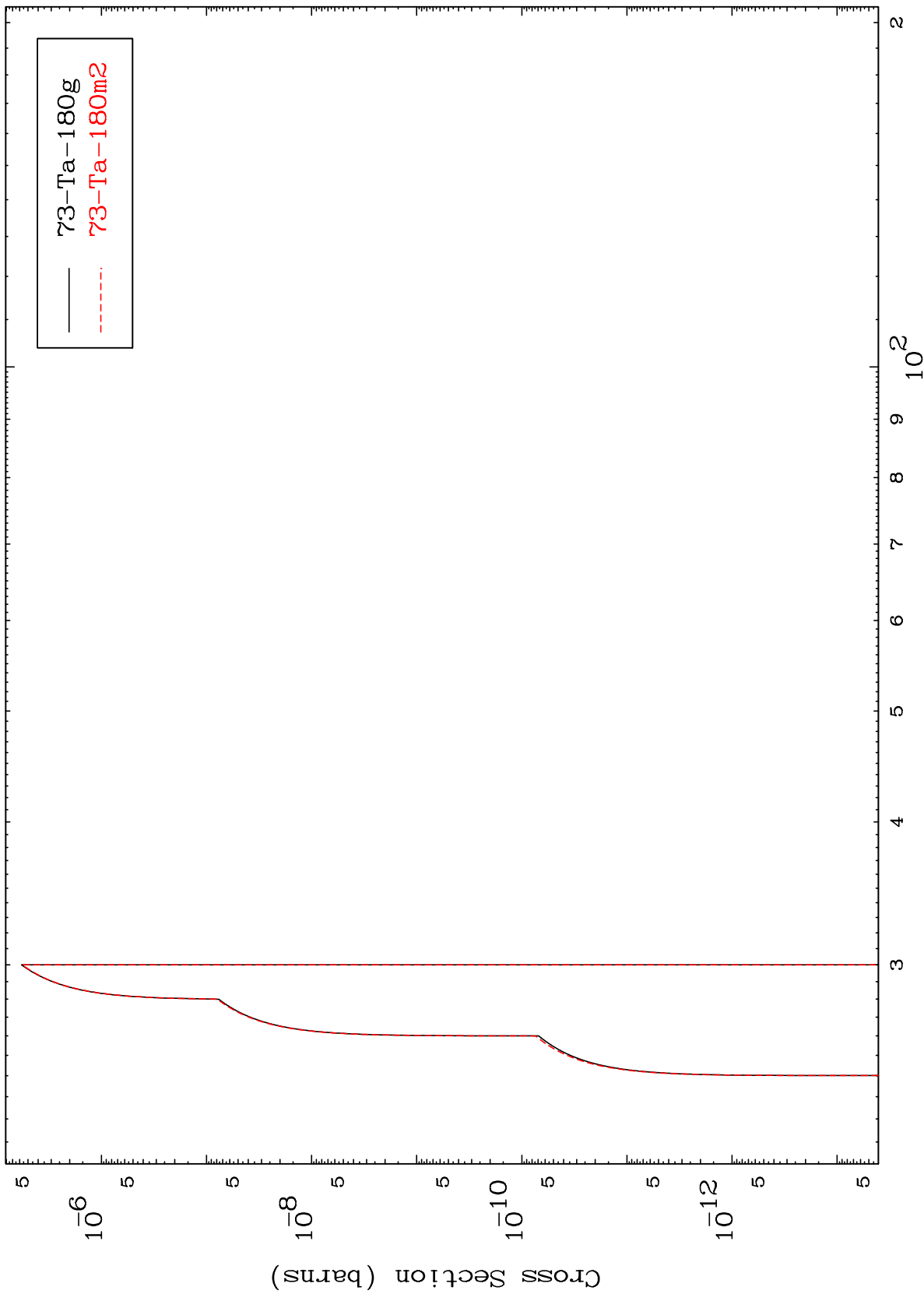


MAT 7244

(α, n') t

72-Hf-180

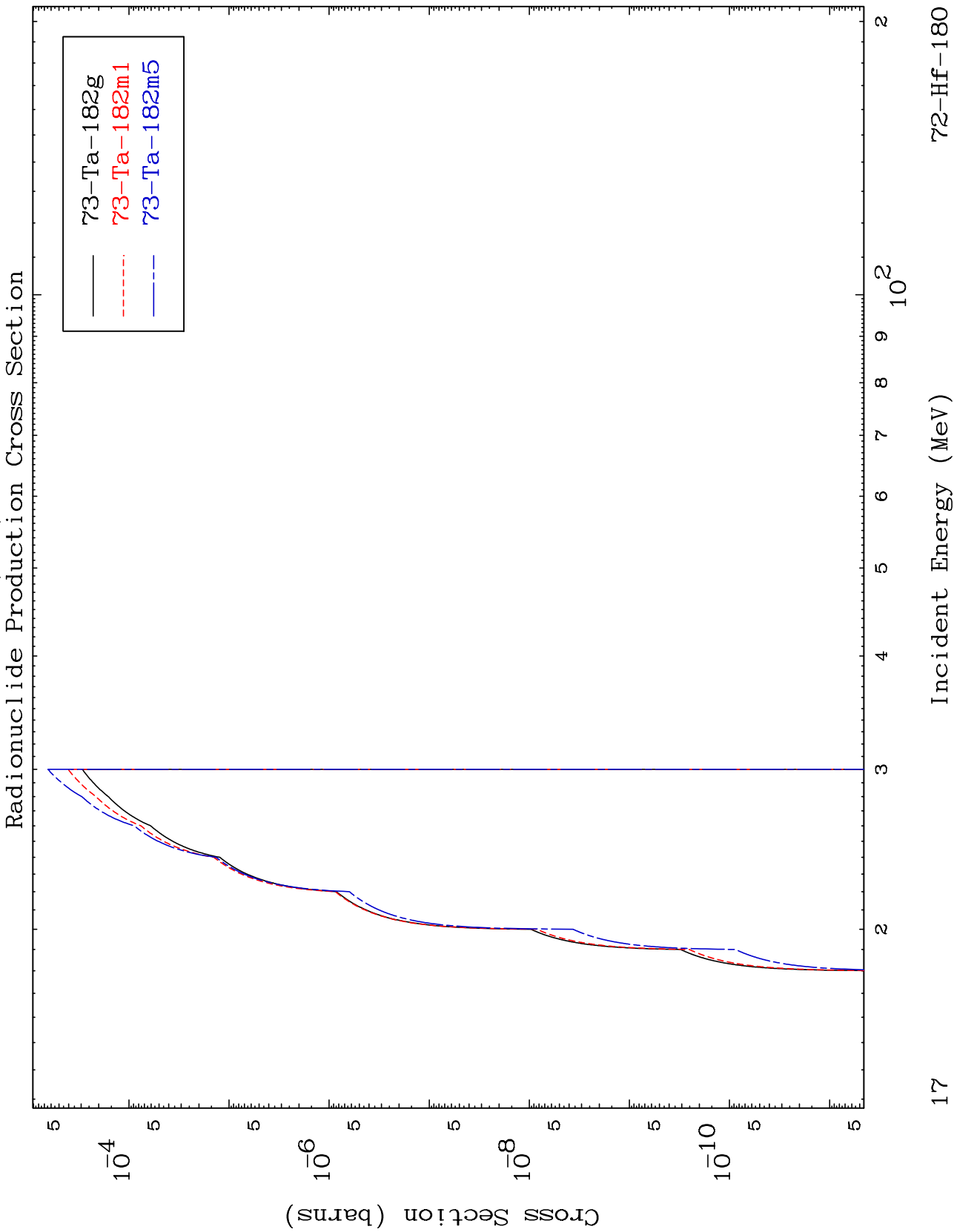
Radionuclide Production Cross Section



16

Incident Energy (MeV)

72-Hf-180

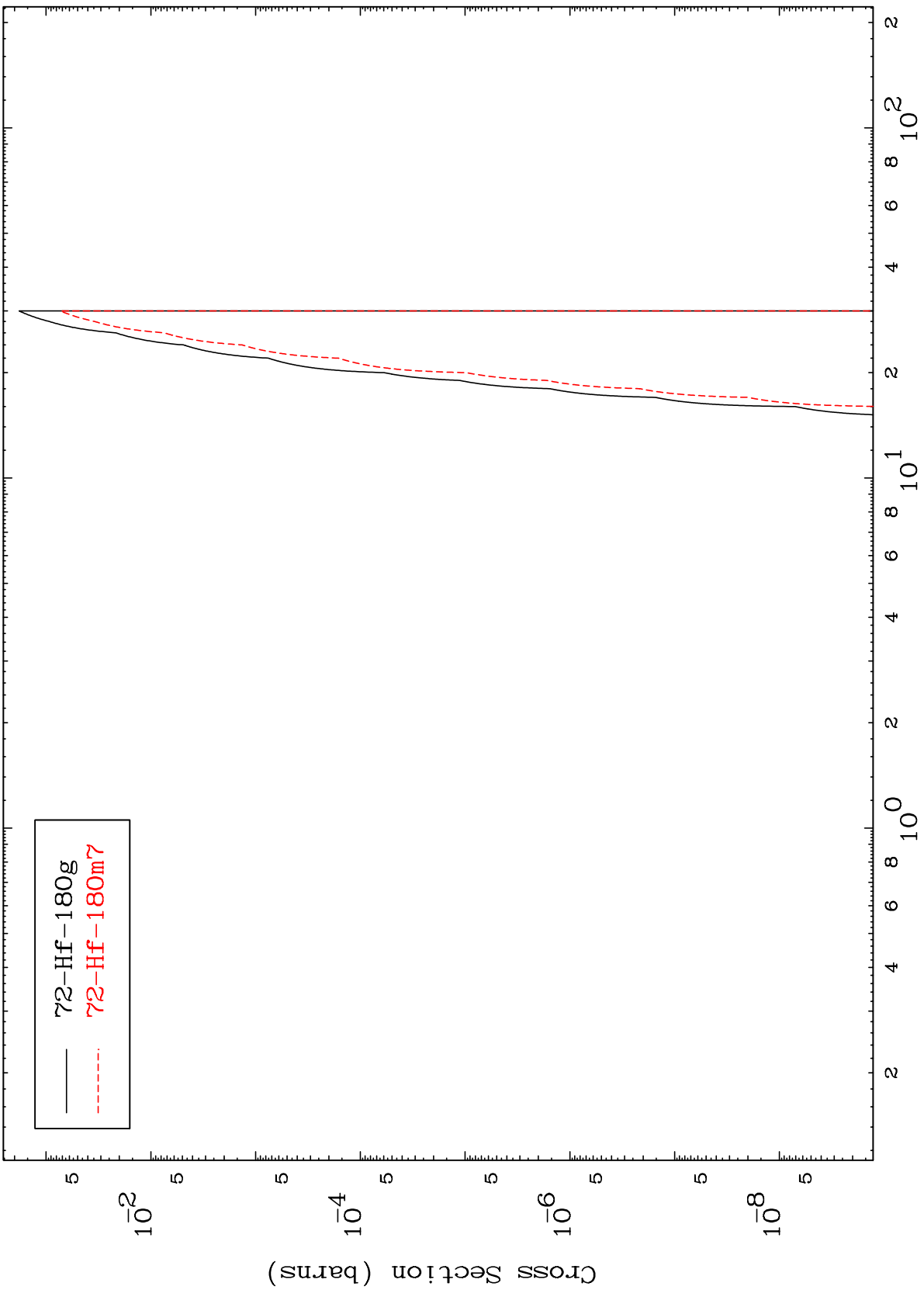


MAT 7244

(α, α)

⁷²Hf-180

Radionuclide Production Cross Section

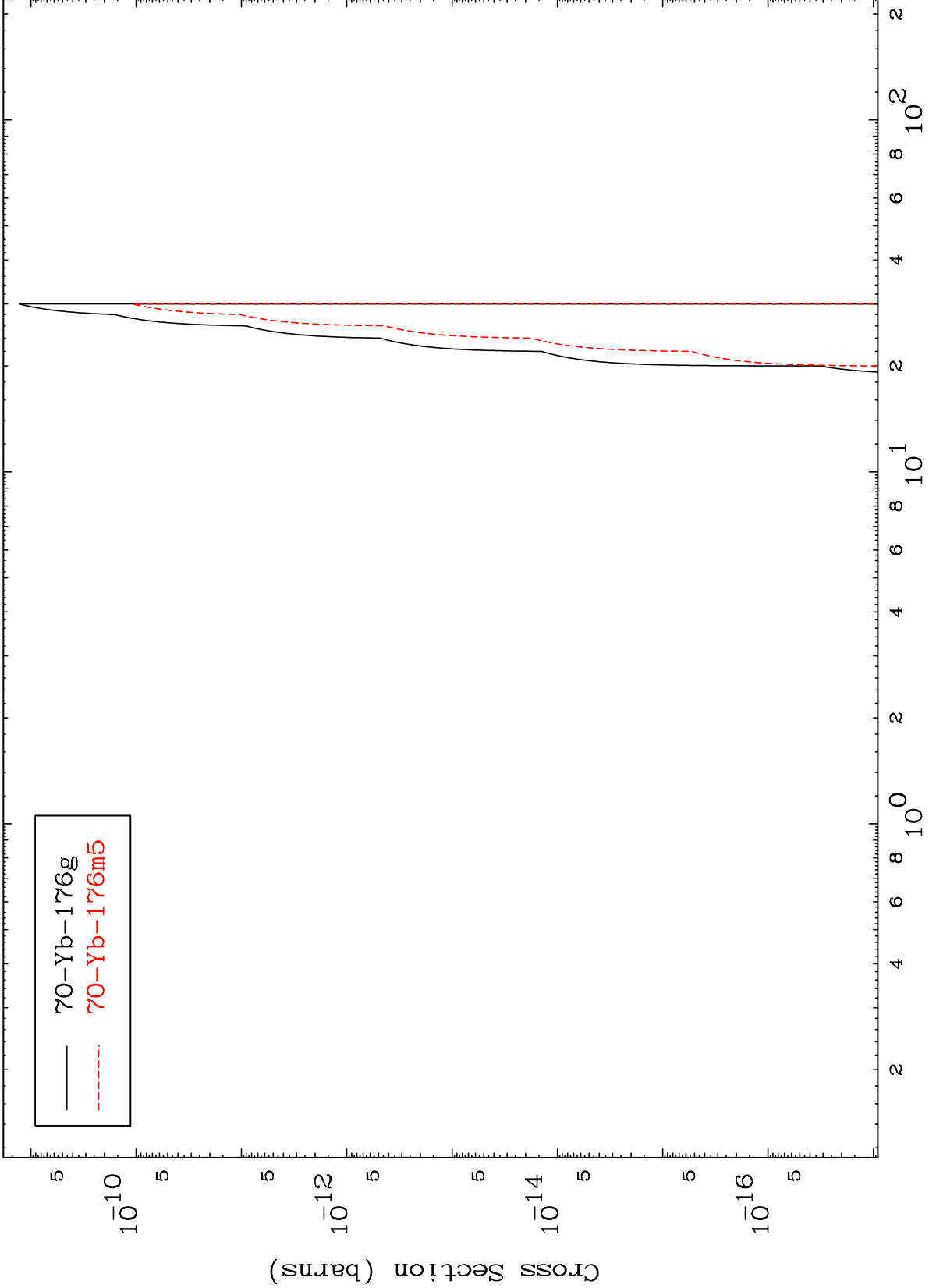


MAT 7244

($\alpha, 2\alpha$)

72-Hf-180

Radionuclide Production Cross Section



— 70-Yb-176g
- - - 70-Yb-176m5