

Program EVALPLOT
(Version 2021-1)

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

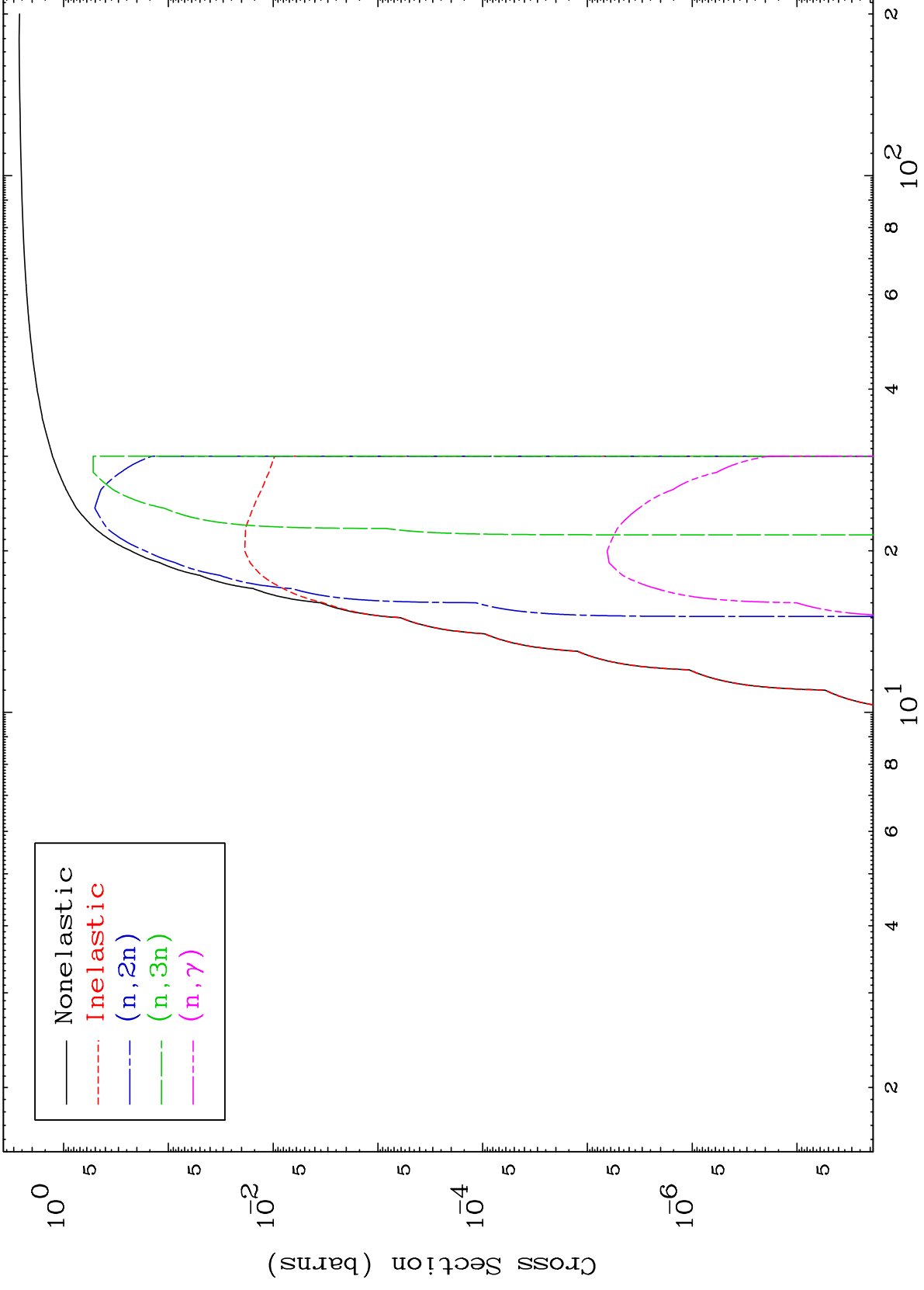
Press Mouse Button to Start

MAT 7246

α Major

72-Hf-181

0 Kelvin Cross Sections

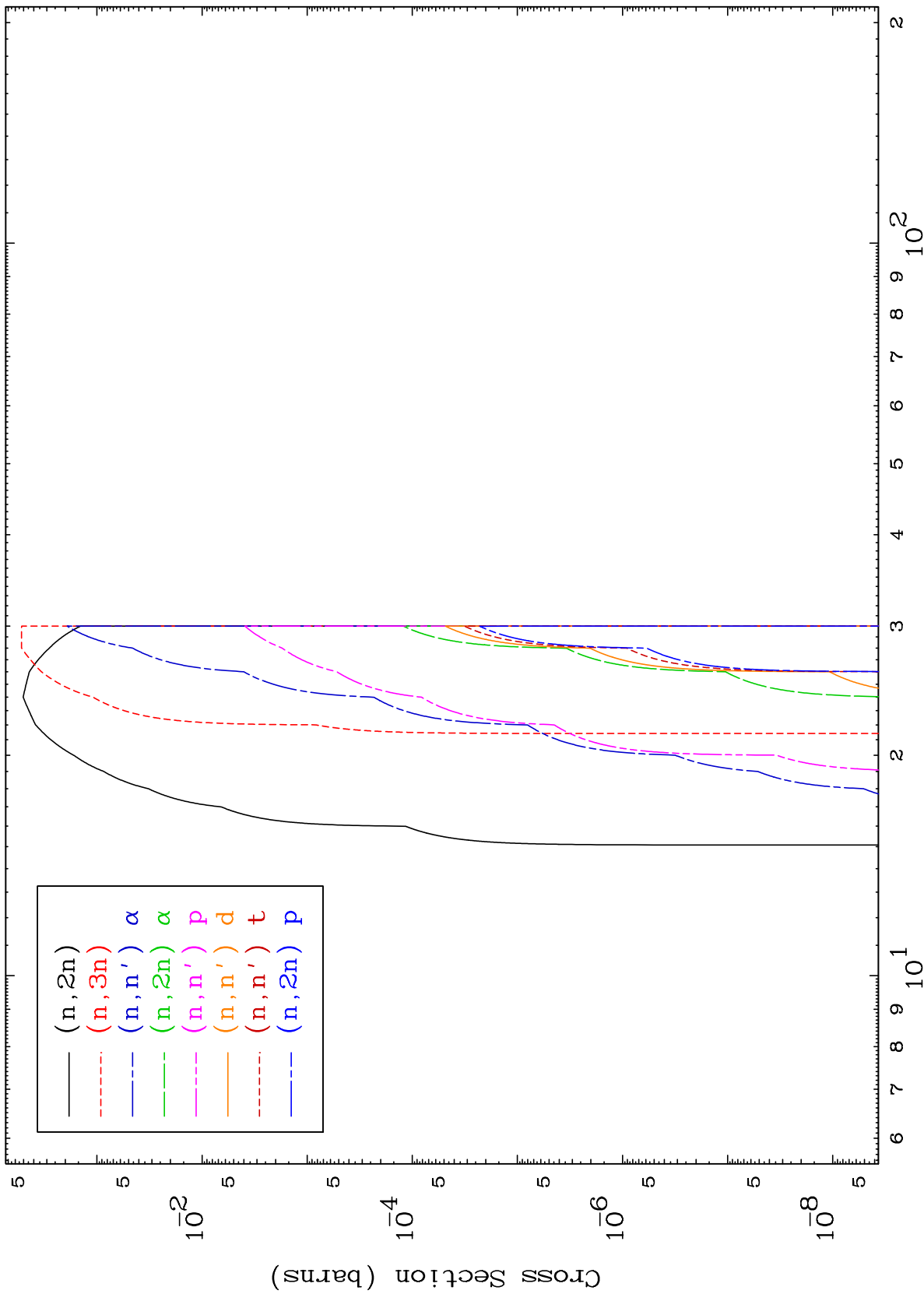


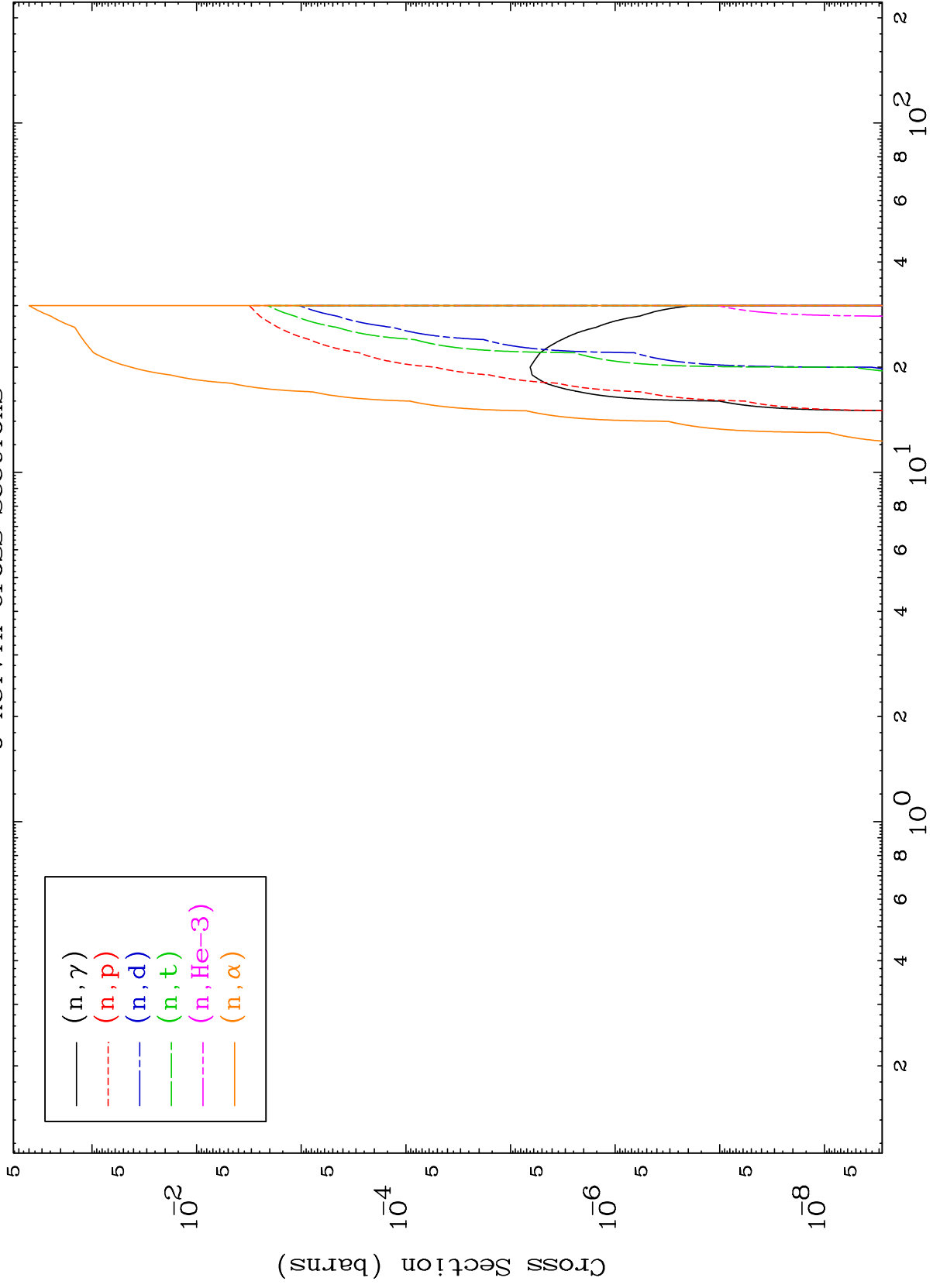
1

Incident Energy (MeV)

72-Hf-181

α Neutron Absorption
0 Kelvin Cross Sections

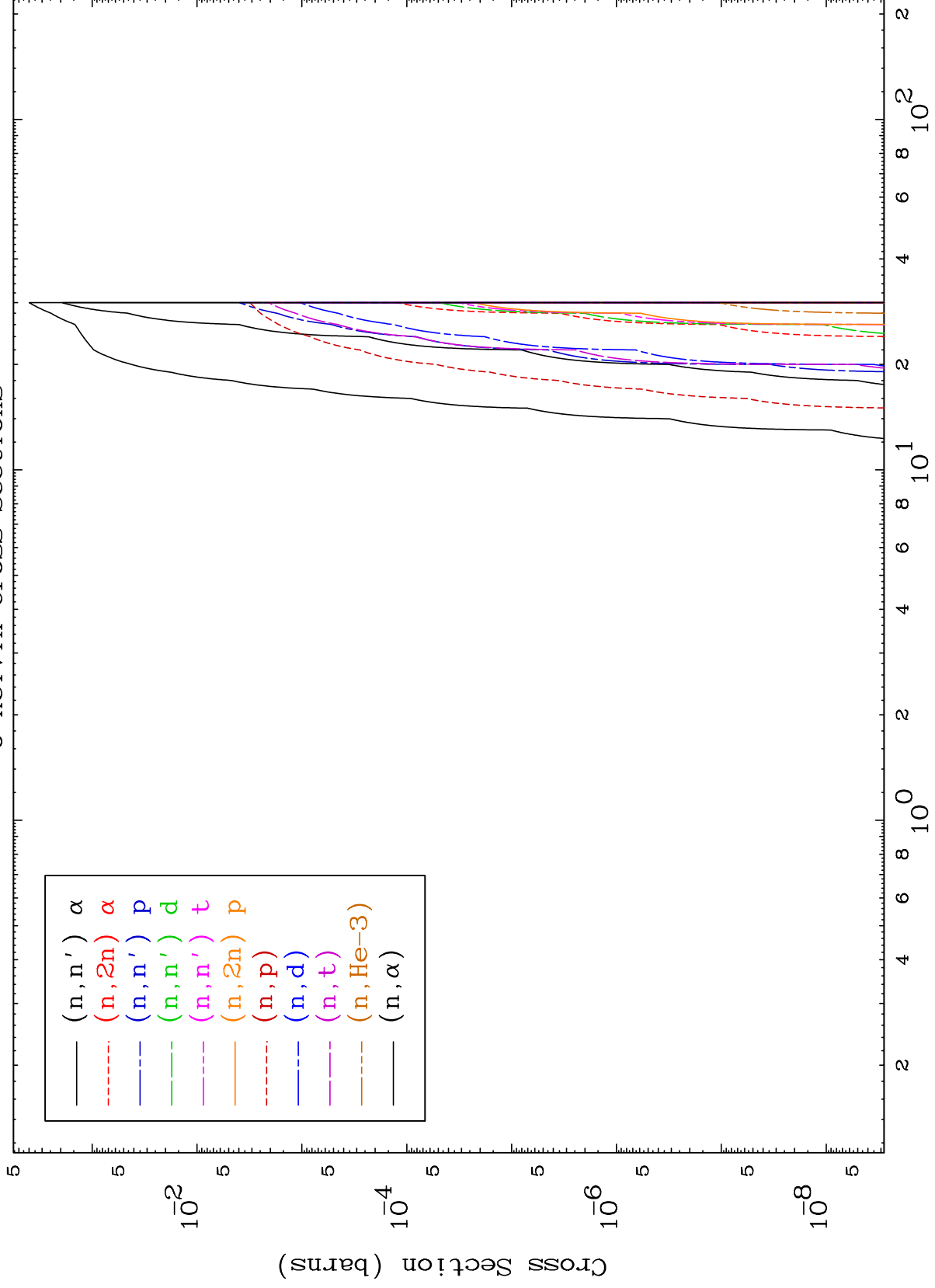




MAT 7246

α Charged Particle
0 Kelvin Cross Sections

72-Hf-181

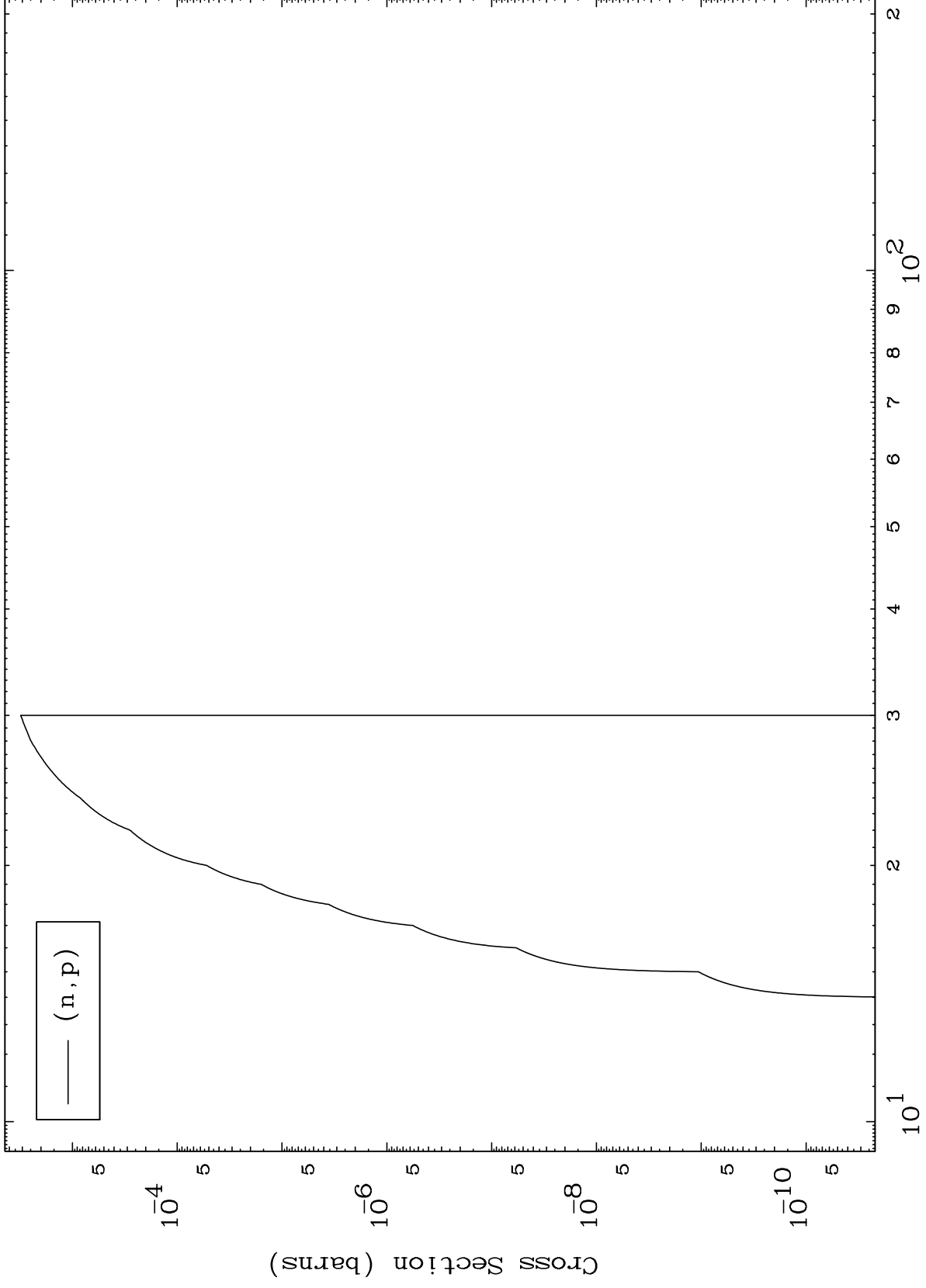


MAT 7246

(α, p) Levels

72-Hf-181

0 Kelvin Cross Sections



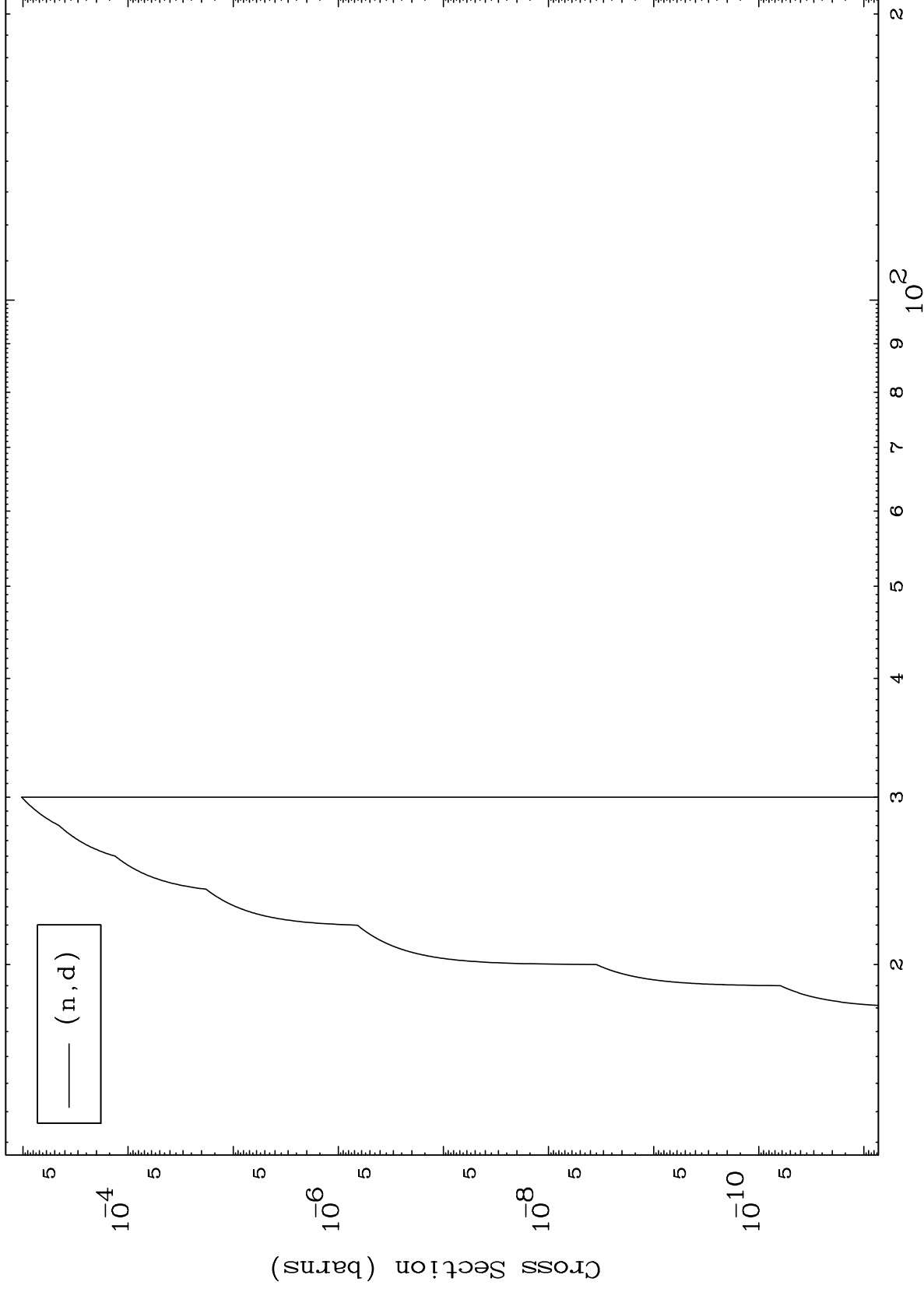
Incident Energy (MeV)

72-Hf-181

MAT 7246

(α, d) Levels
0 Kelvin Cross Sections

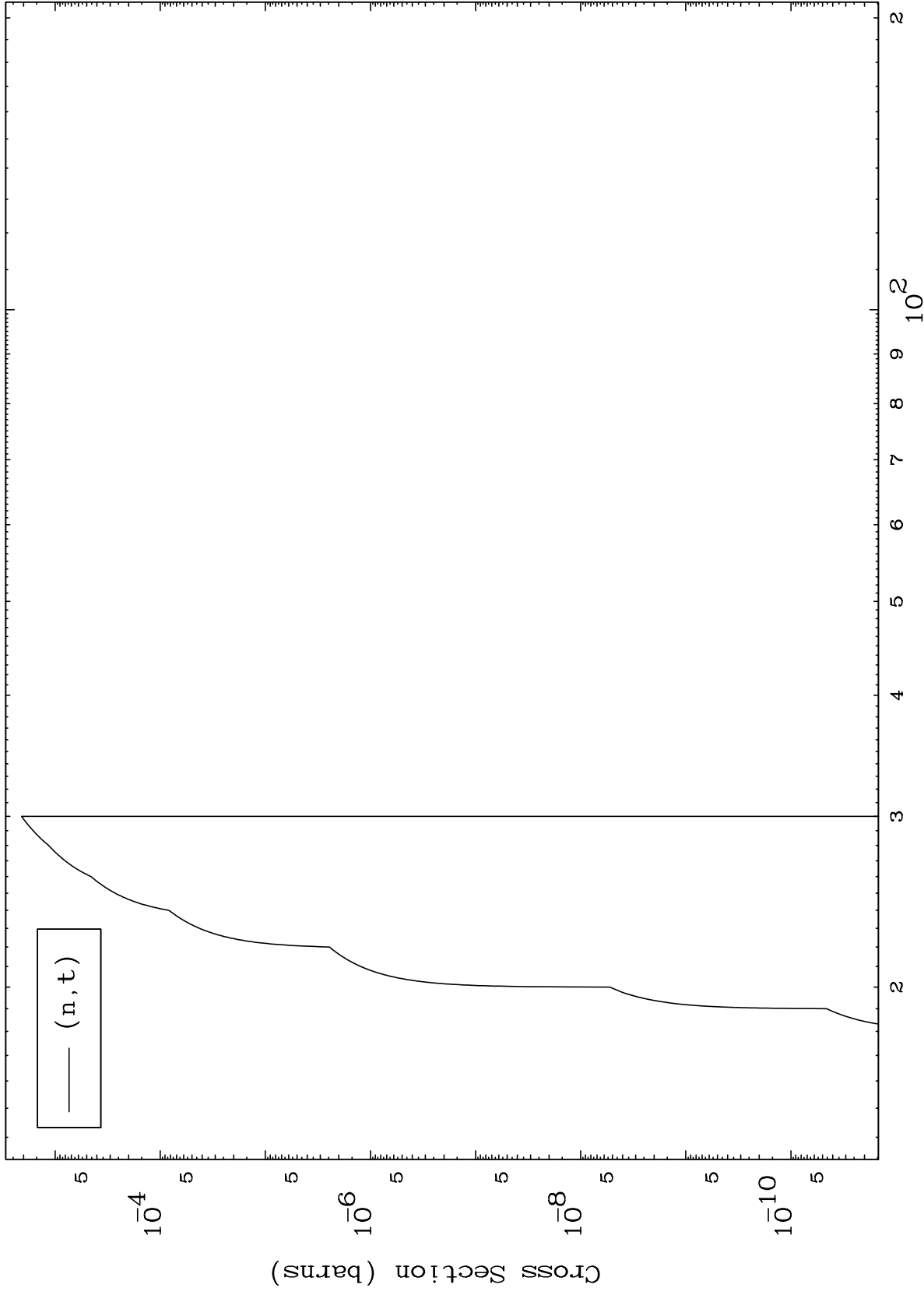
72-Hf-181



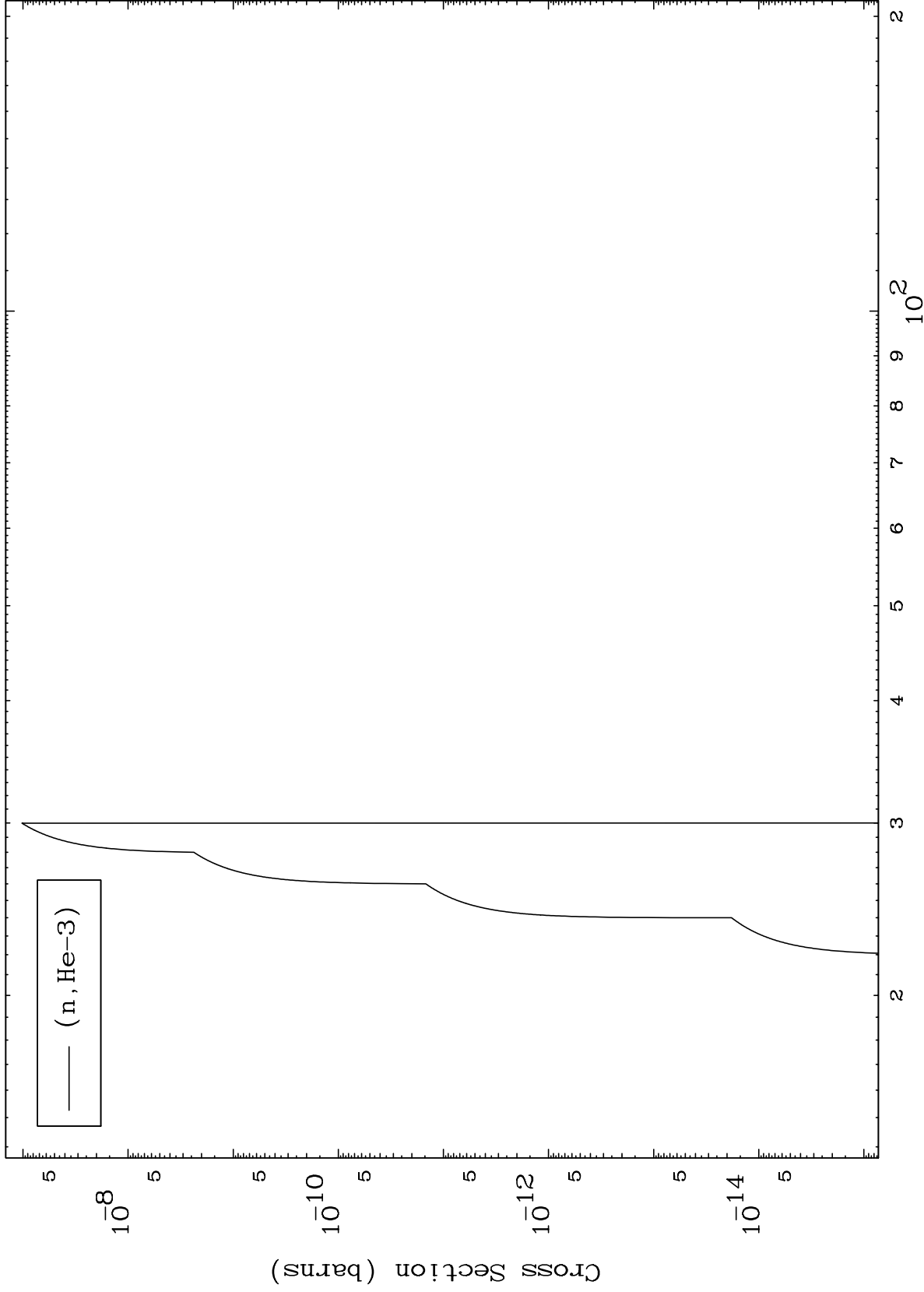
6

Incident Energy (MeV)

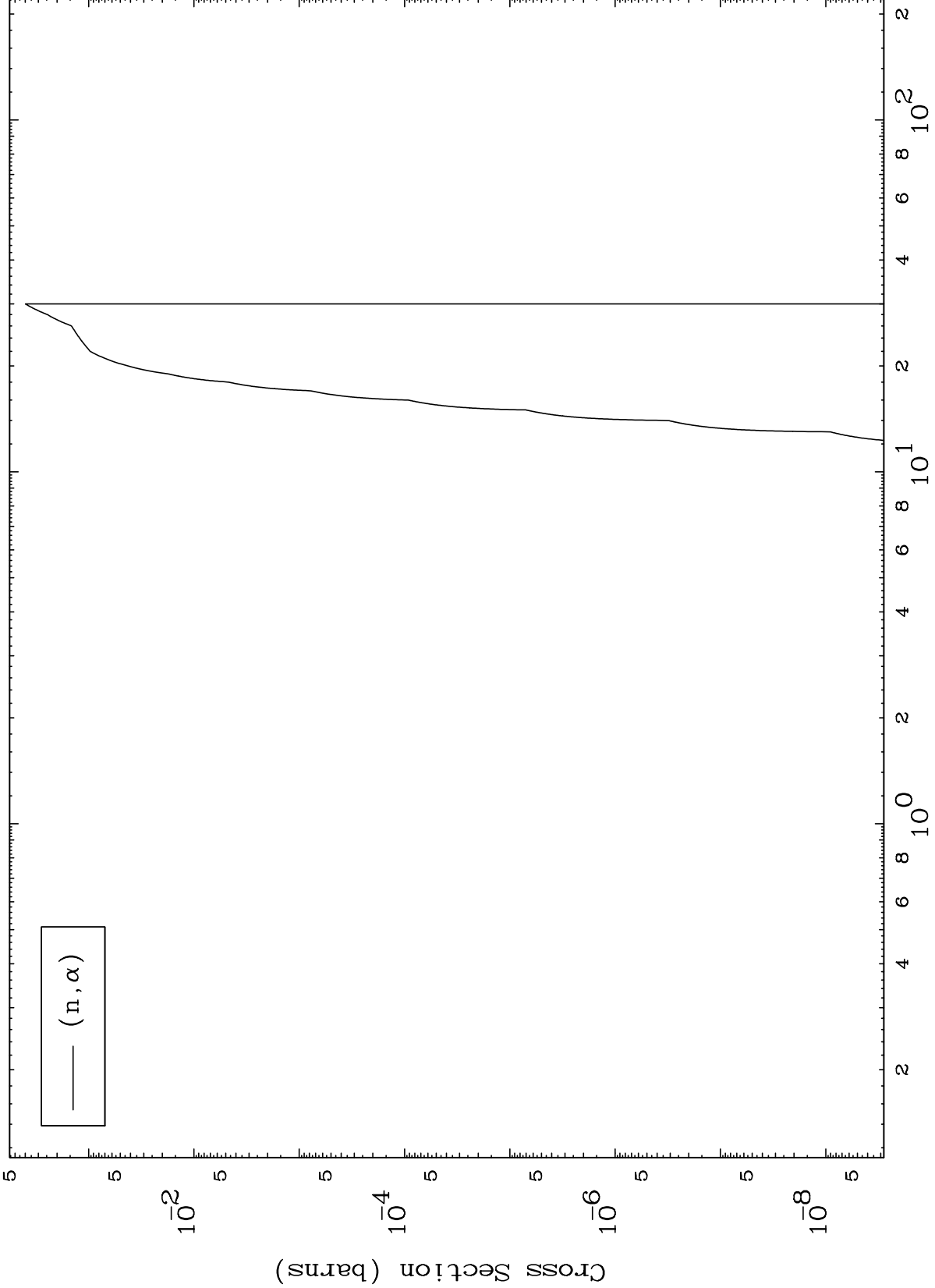
72-Hf-181



0 Kelvin Cross Sections



0 Kelvin Cross Sections

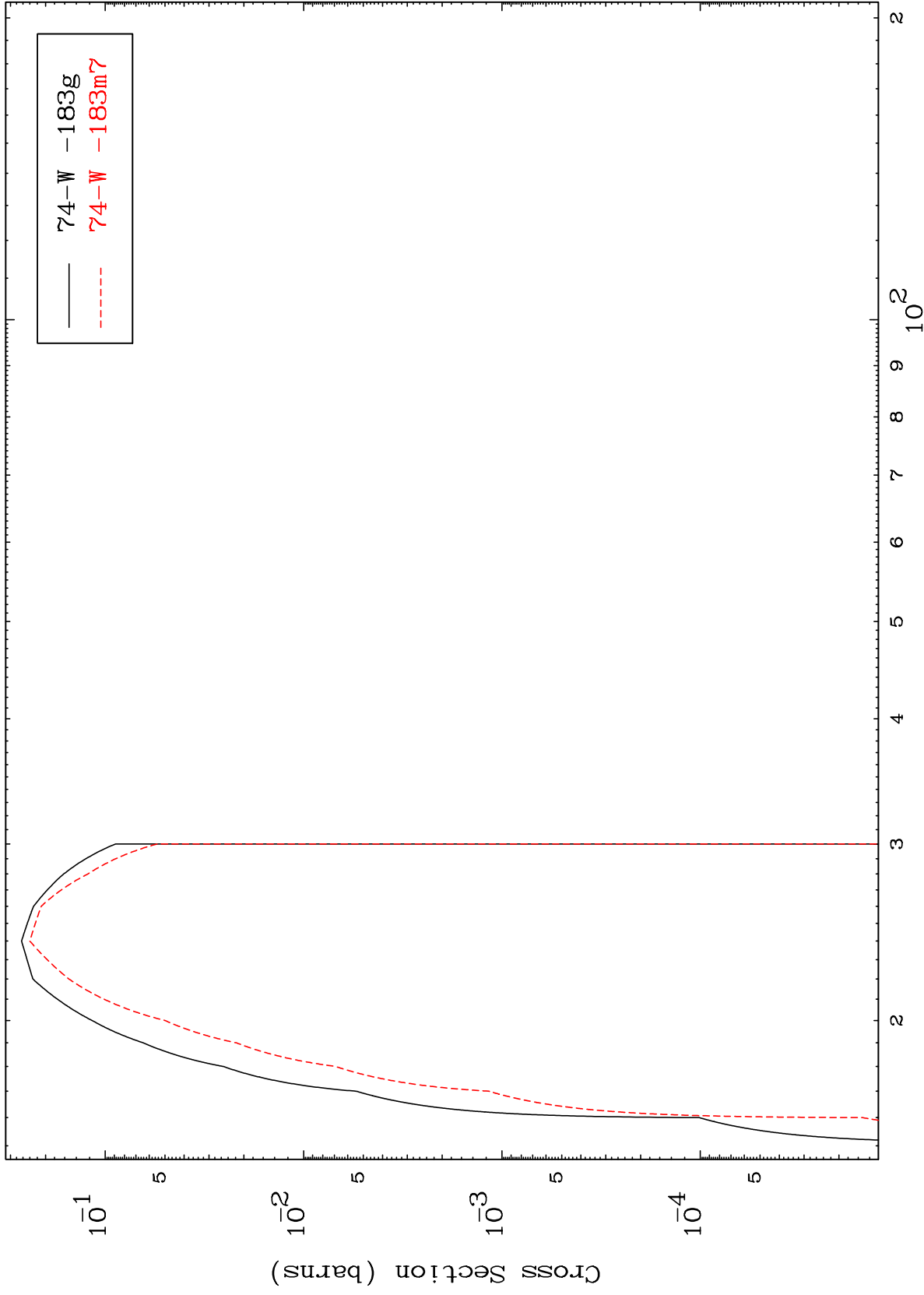


MAT 7246

(n,2n)

72-Hf-181

Radionuclide Production Cross Section



10

Incident Energy (MeV)

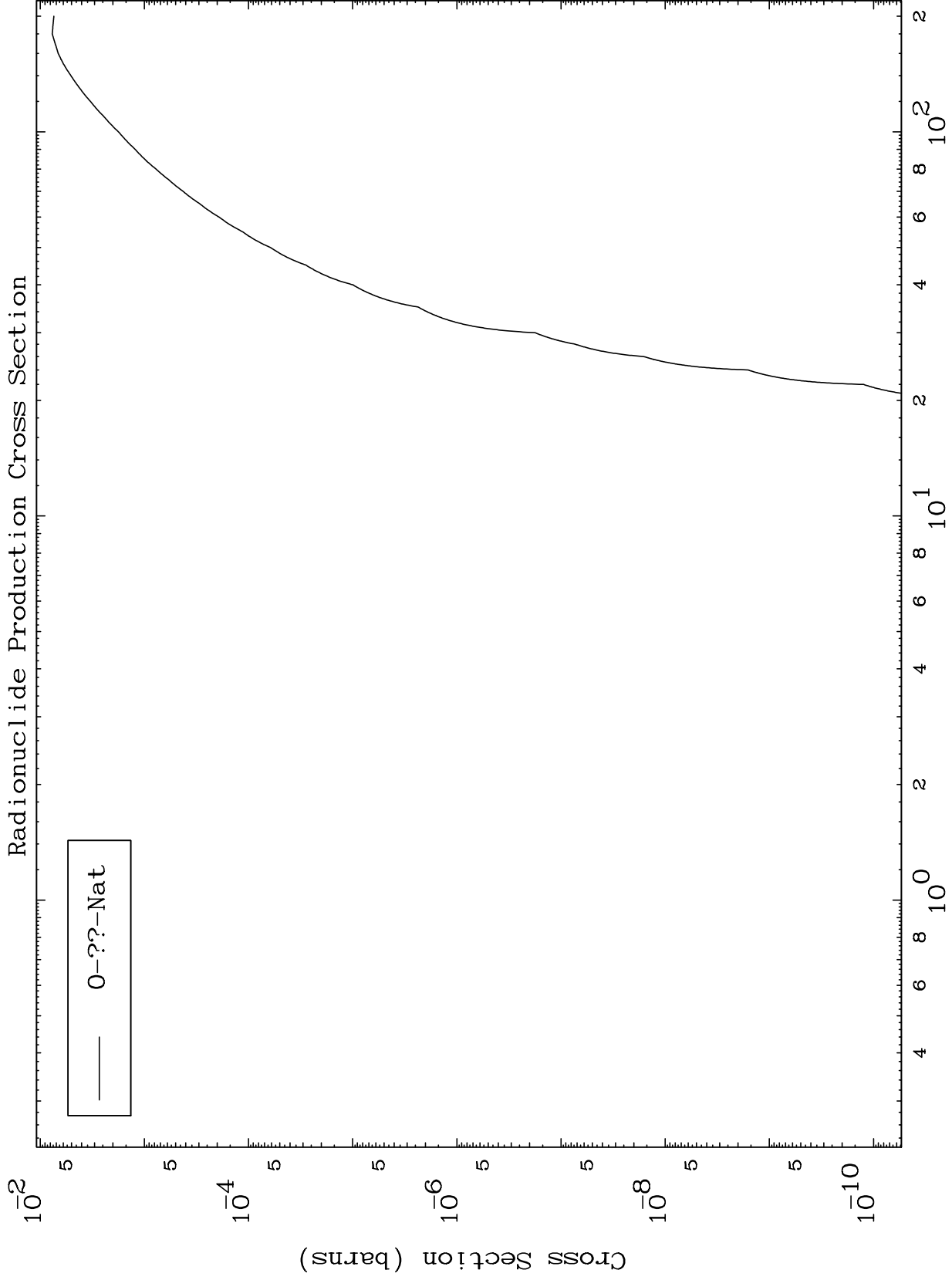
72-Hf-181

MAT 7246

Fission

⁷²Hf-181

Radionuclide Production Cross Section

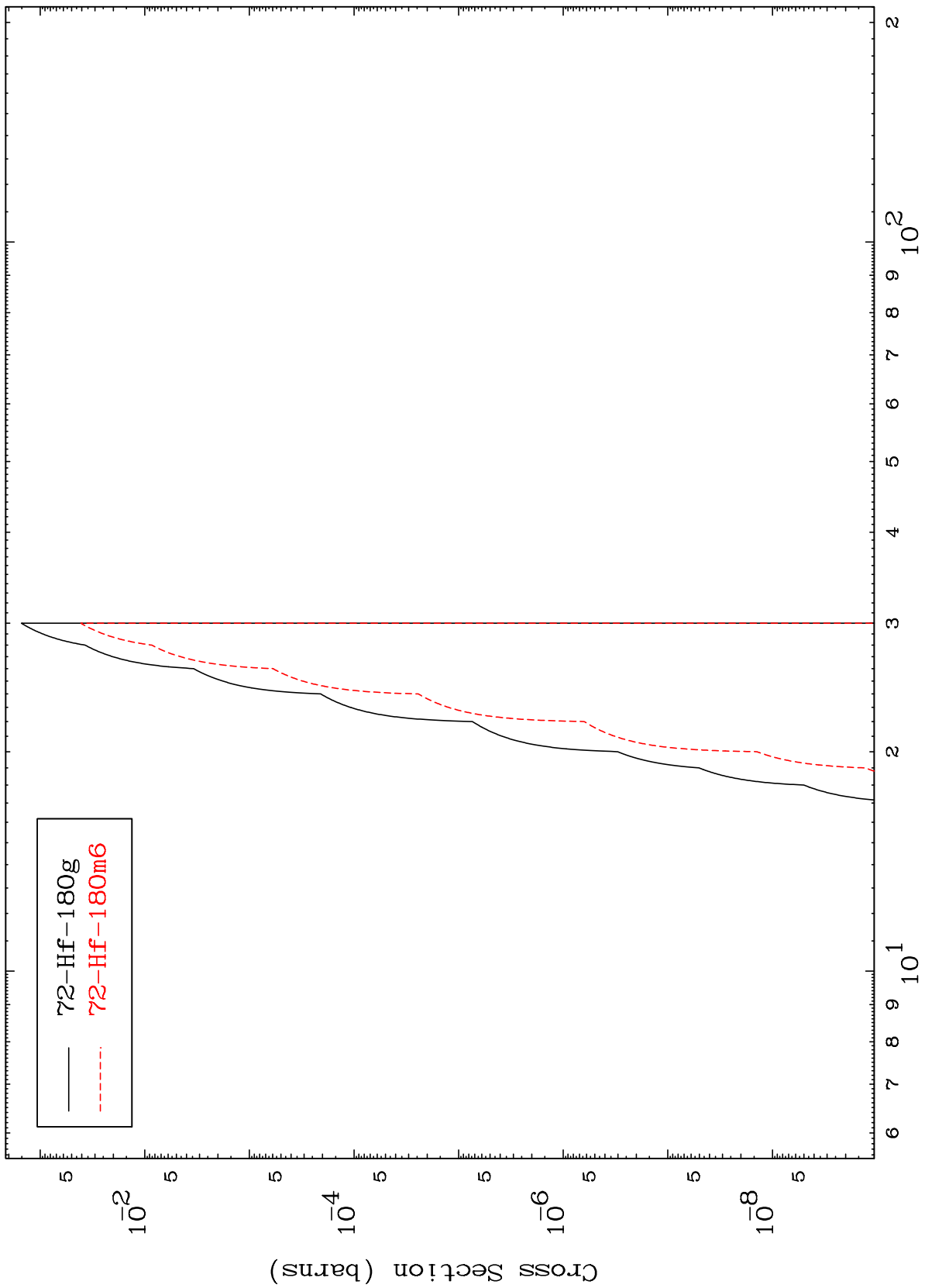


MAT 7246

72-Hf-181

(n,n') α

Radionuclide Production Cross Section



72-Hf-180g
72-Hf-180m6

12

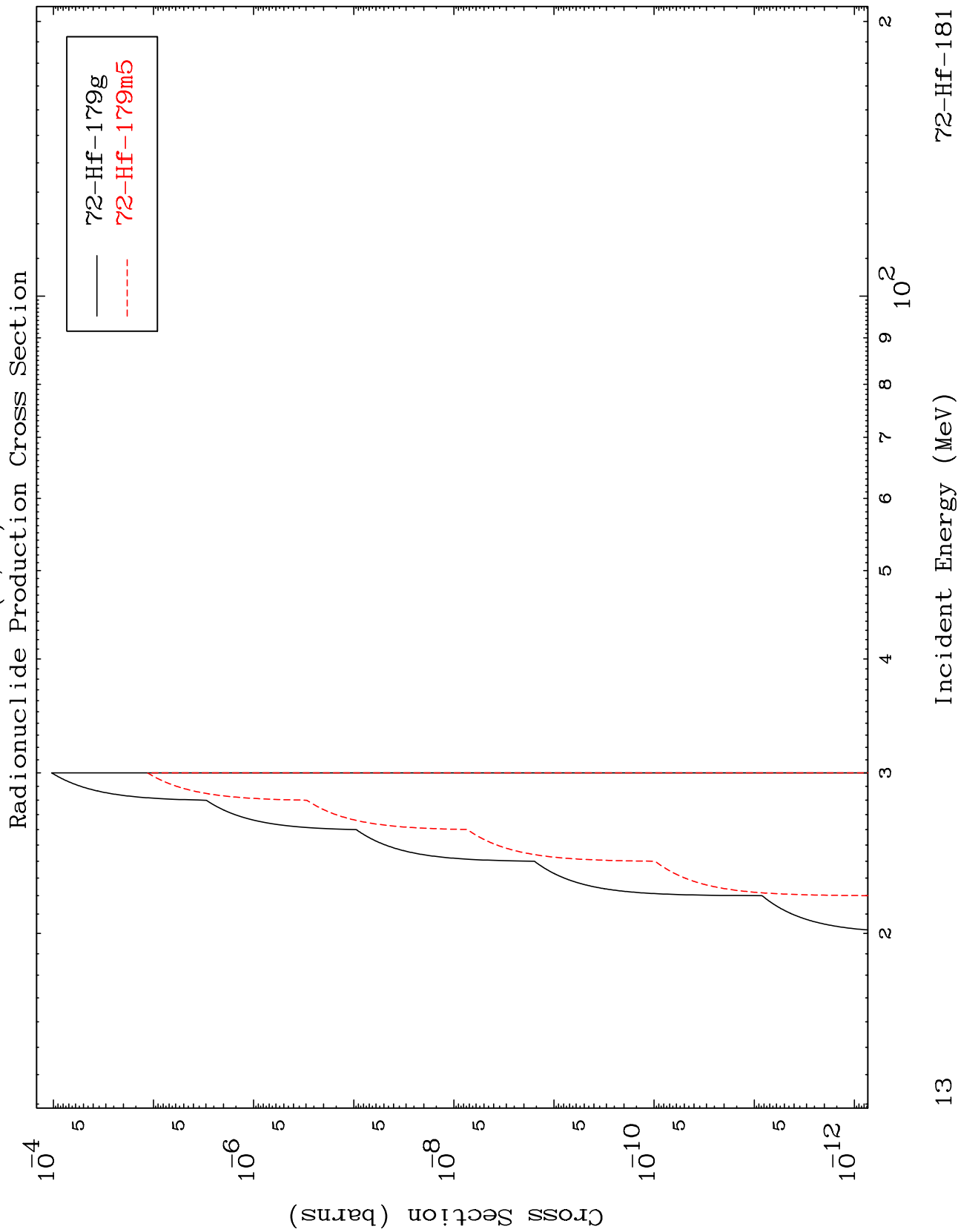
Incident Energy (MeV)

72-Hf-181

MAT 7246

(n,2n) α

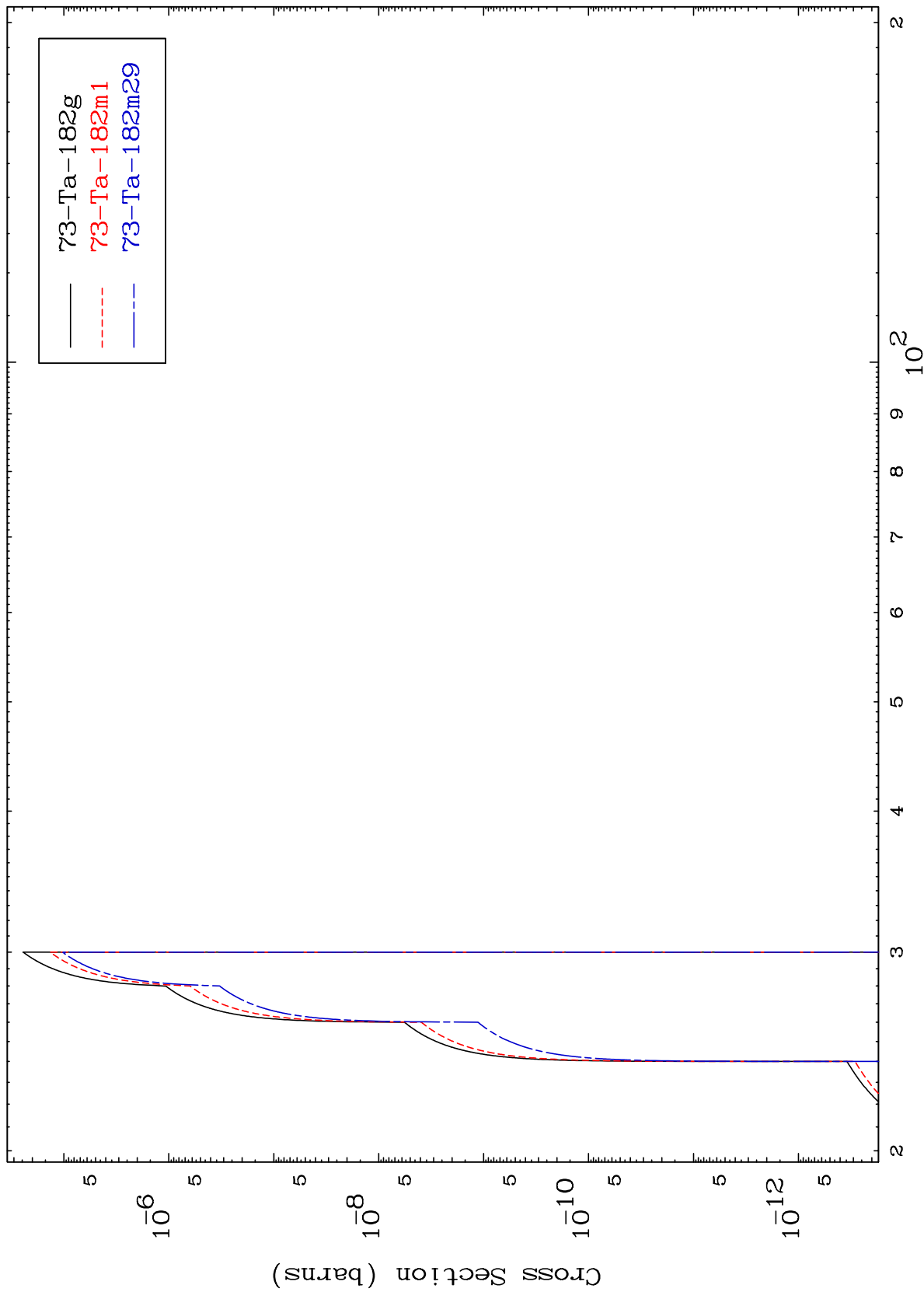
72-Hf-181



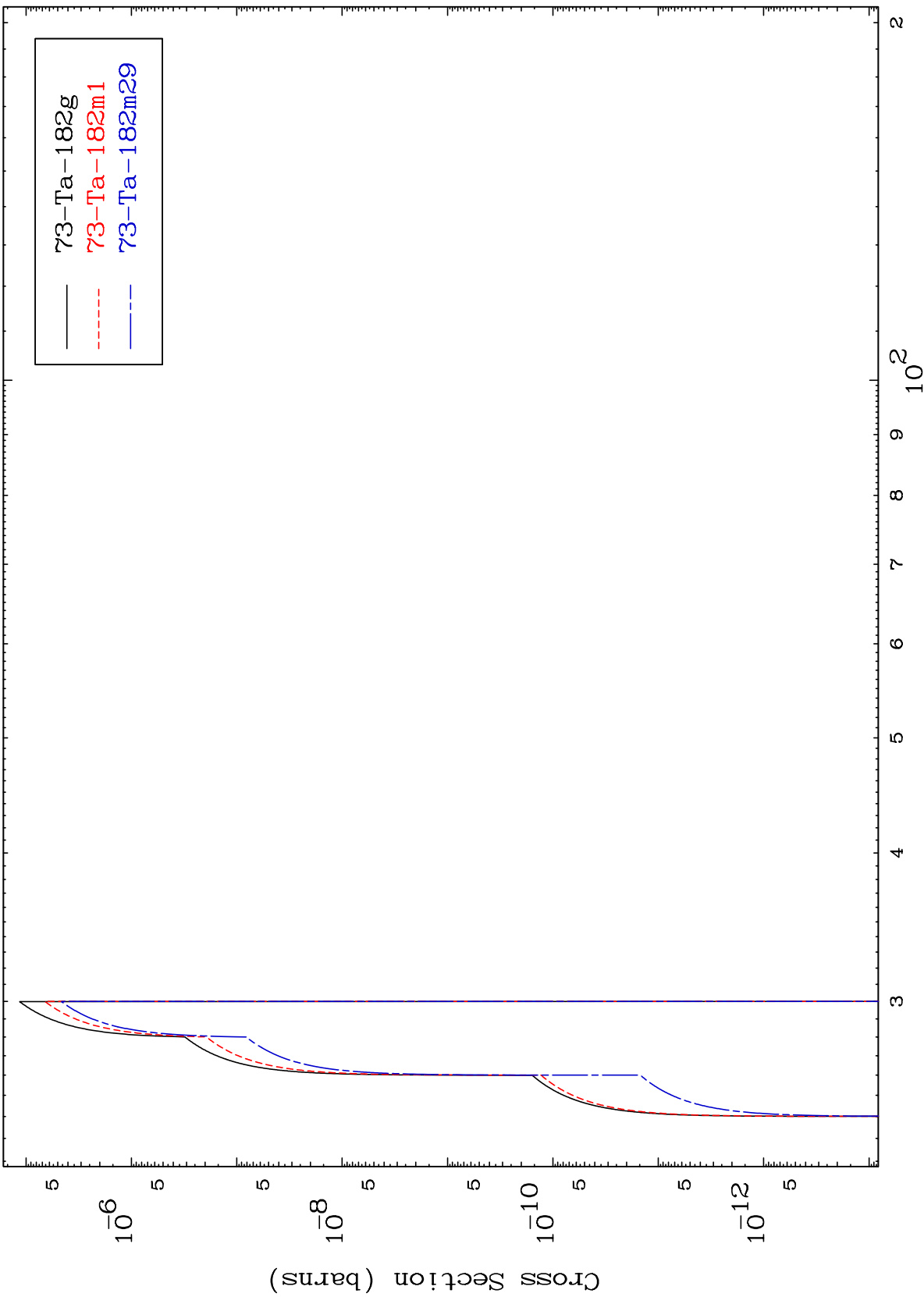
13

72-Hf-181

Radionuclide Production Cross Section



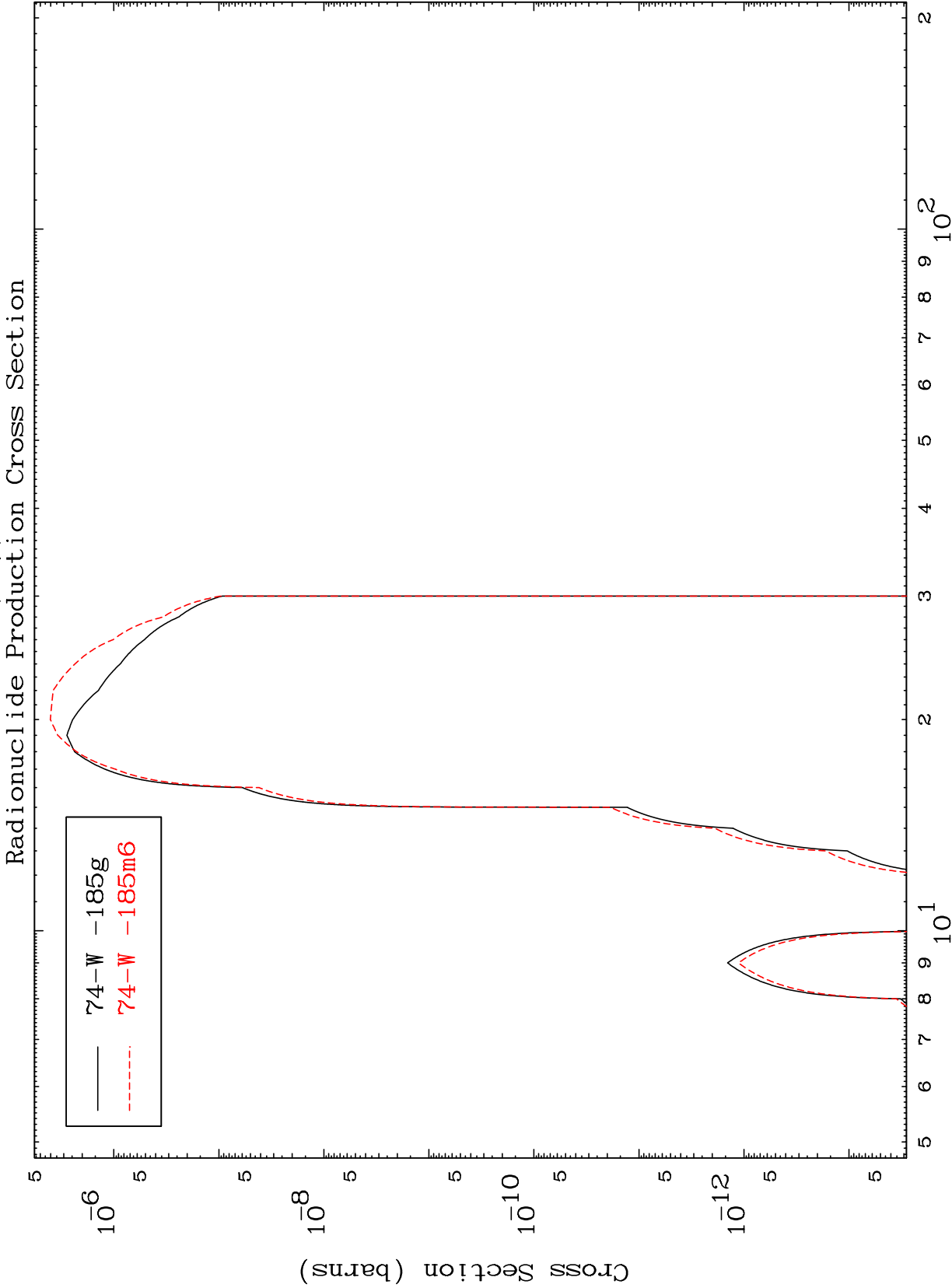
Radionuclide Production Cross Section



73-Ta-182g
73-Ta-182m1
73-Ta-182m29

MAT 7246

72-Hf-181

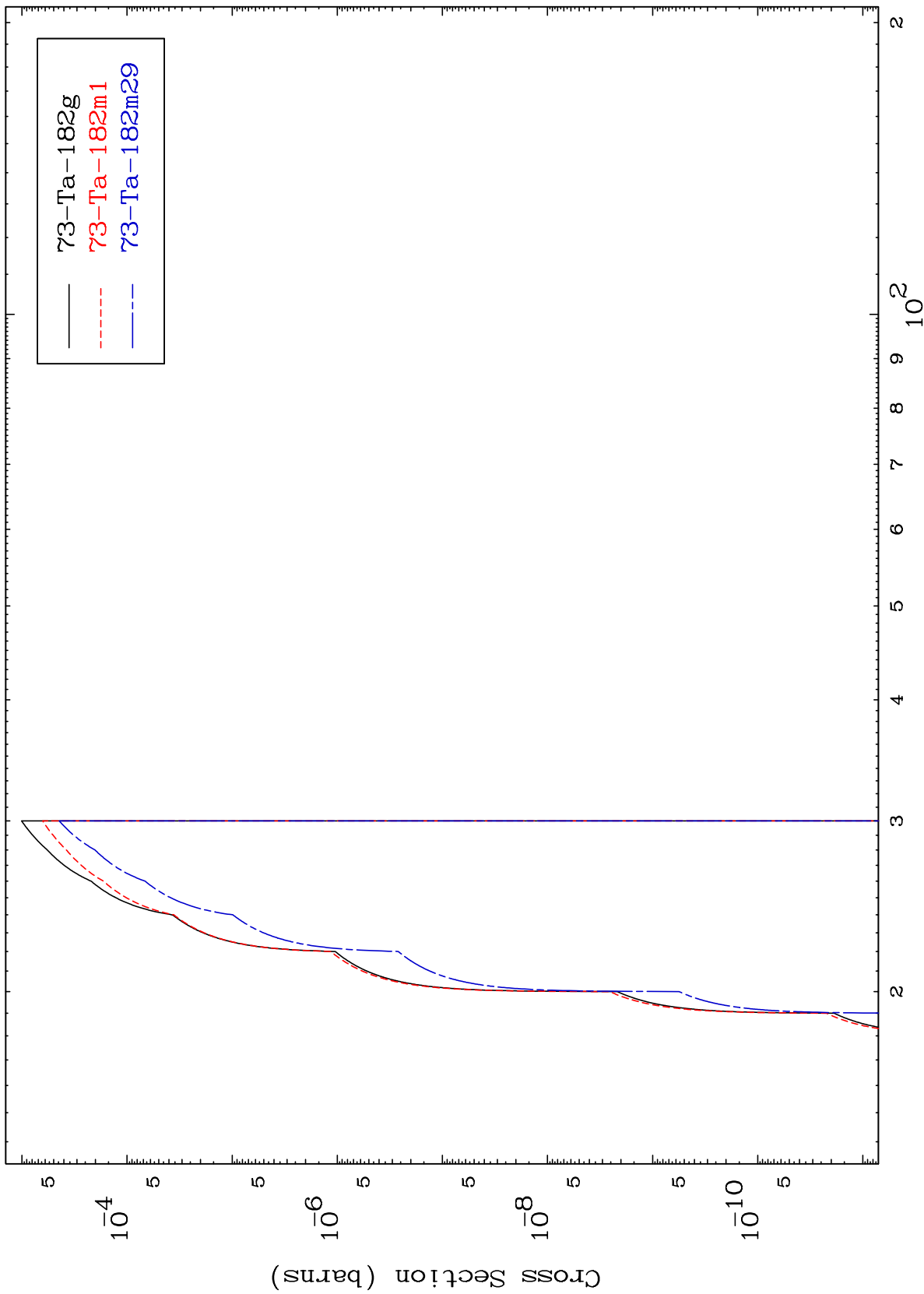


16

Incident Energy (MeV)

72-Hf-181

Radionuclide Production Cross Section

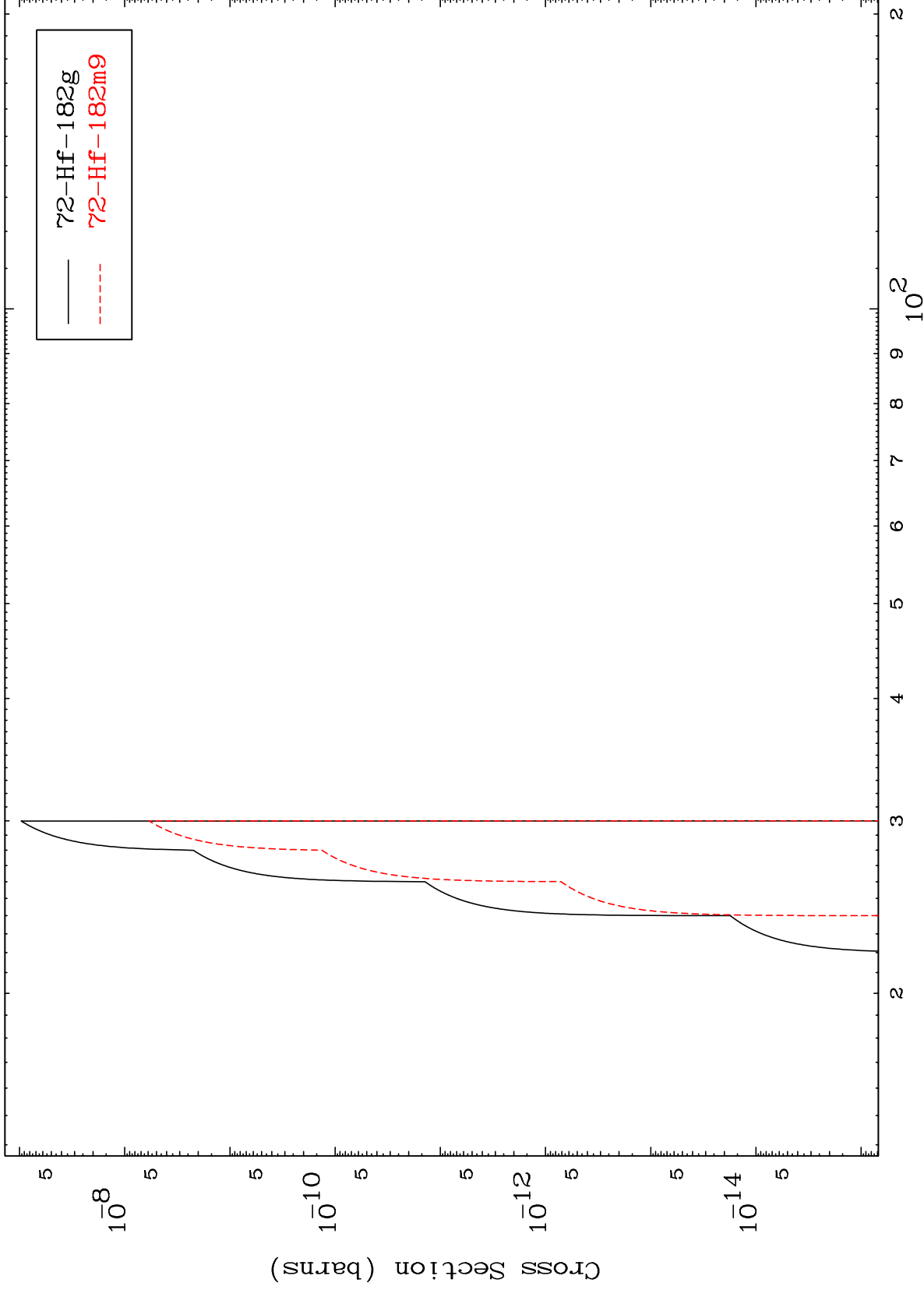


MAT 7246

(n,He-3)

72-Hf-181

Radionuclide Production Cross Section



18

Incident Energy (MeV)

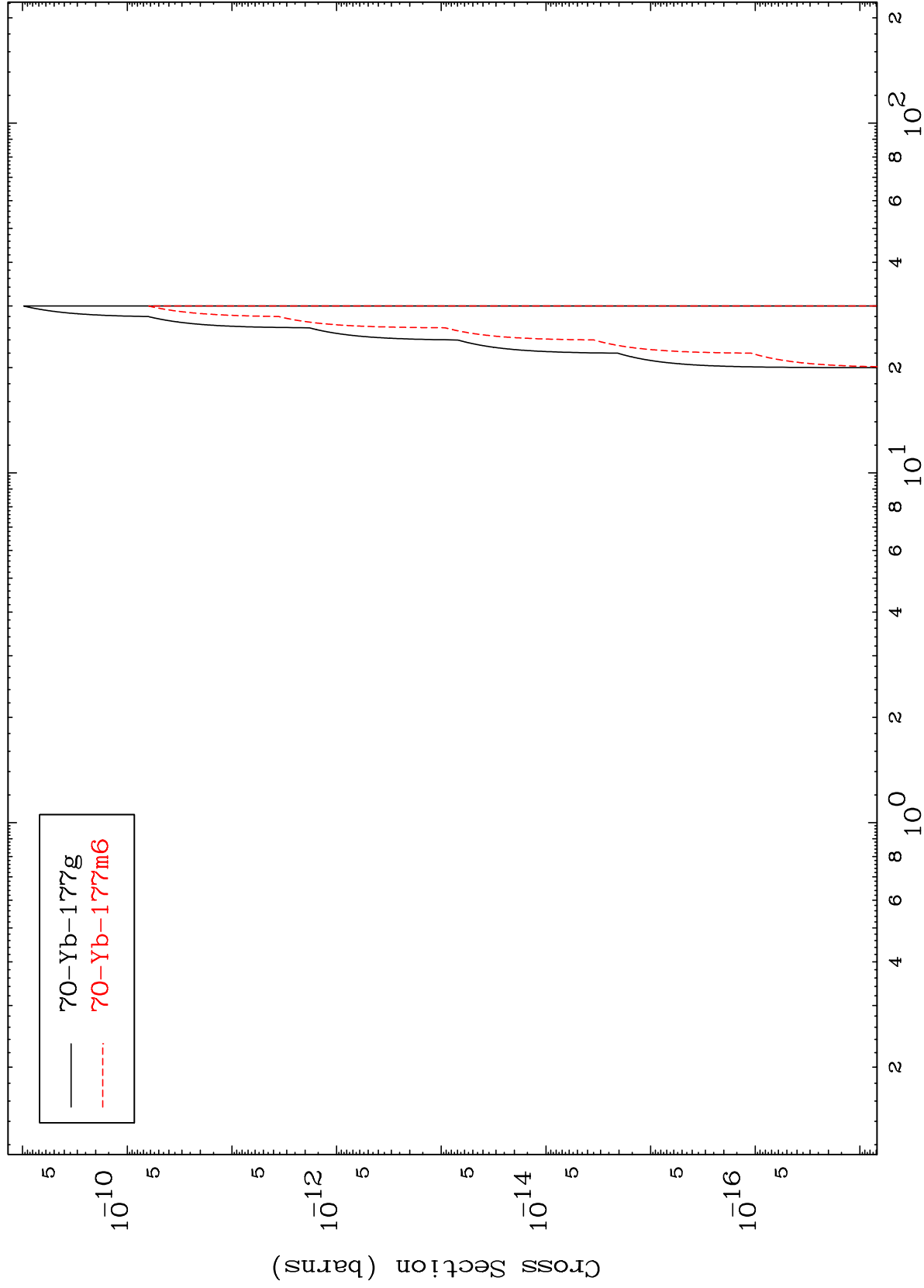
72-Hf-181

MAT 7246

72-Hf-181

(n,2α)

Radionuclide Production Cross Section



19

Incident Energy (MeV)

72-Hf-181