

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

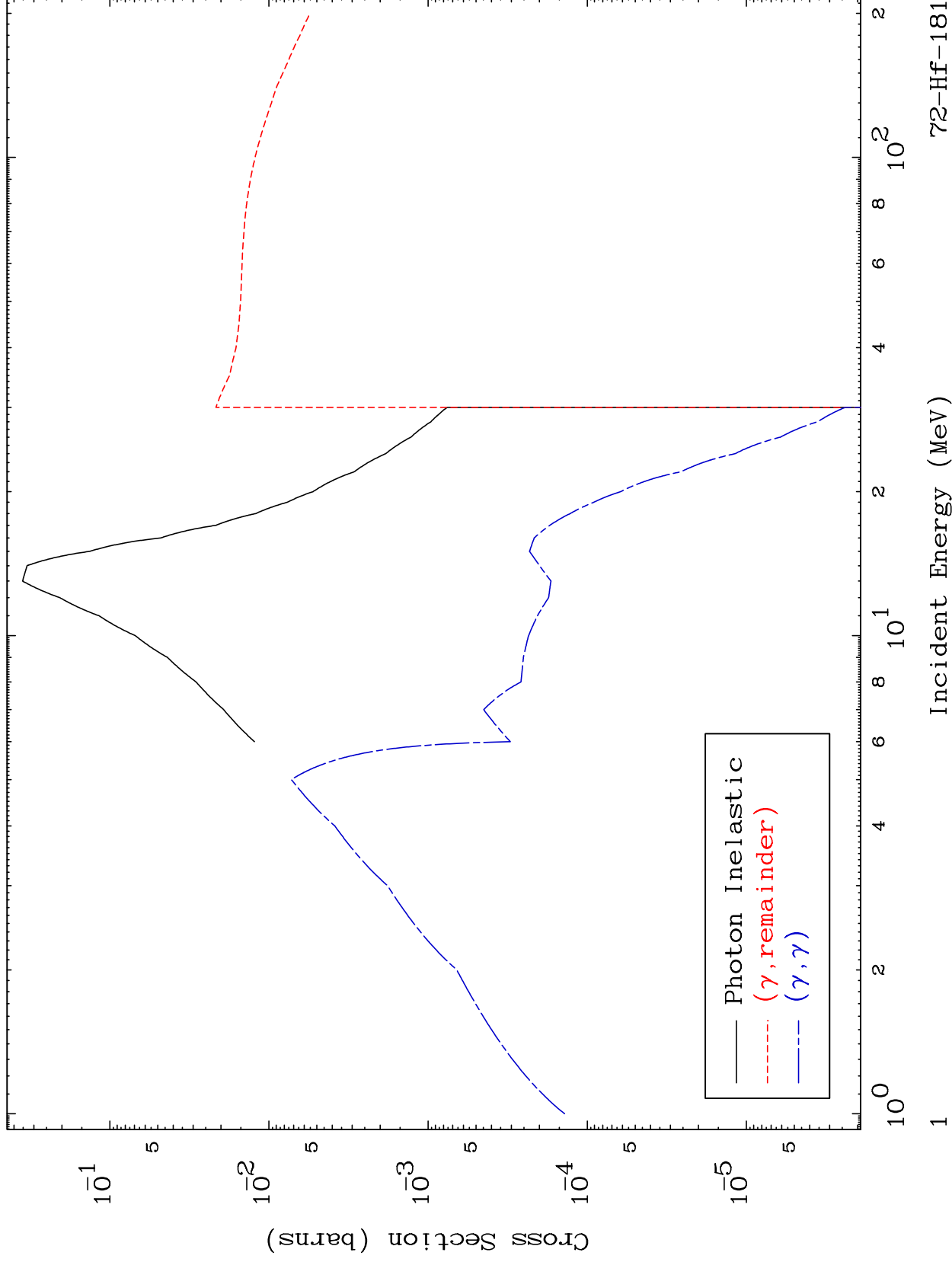
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

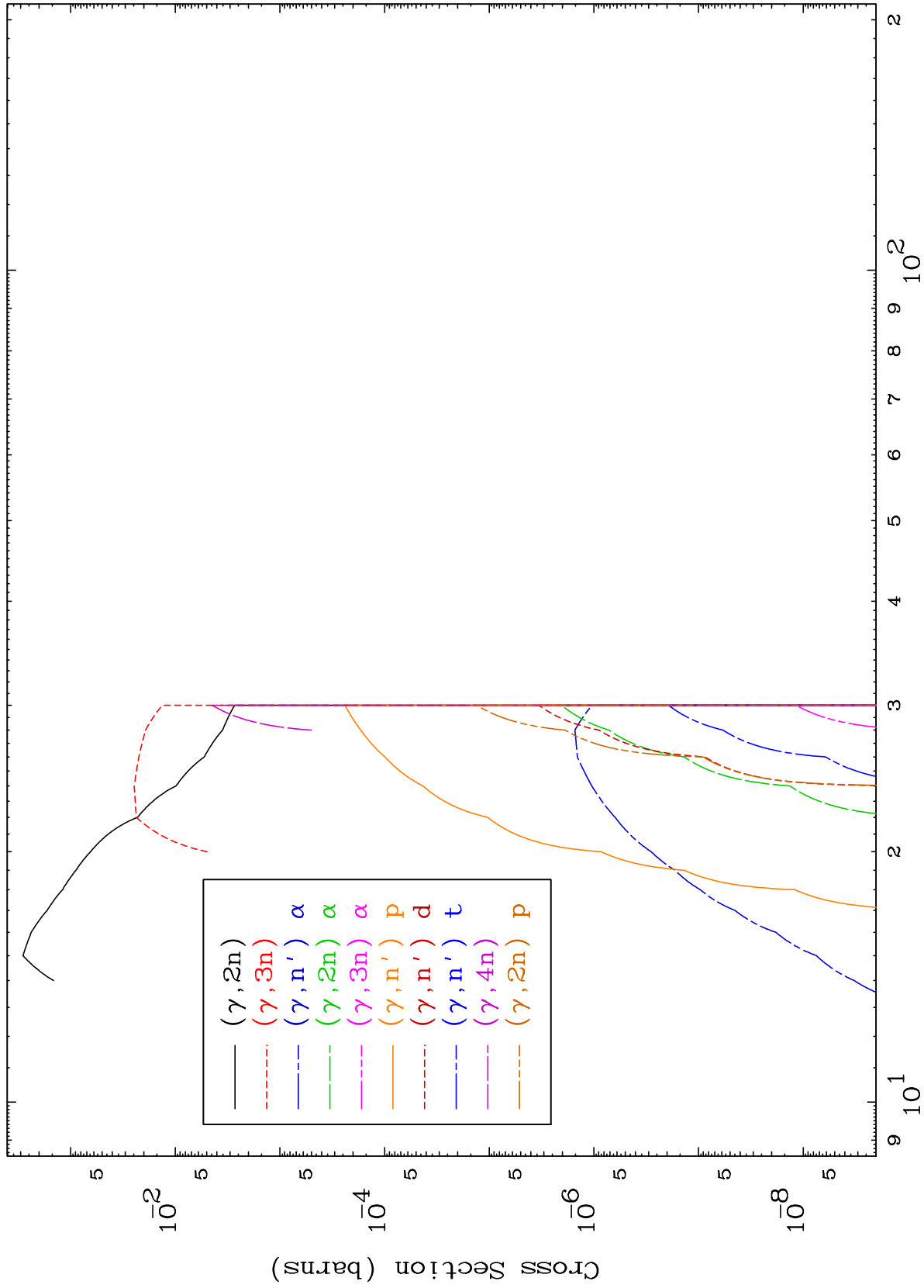
Press Mouse Button to Start

MAT 7246

Photon Major
0 Kelvin Cross Sections

⁷²Hf-181

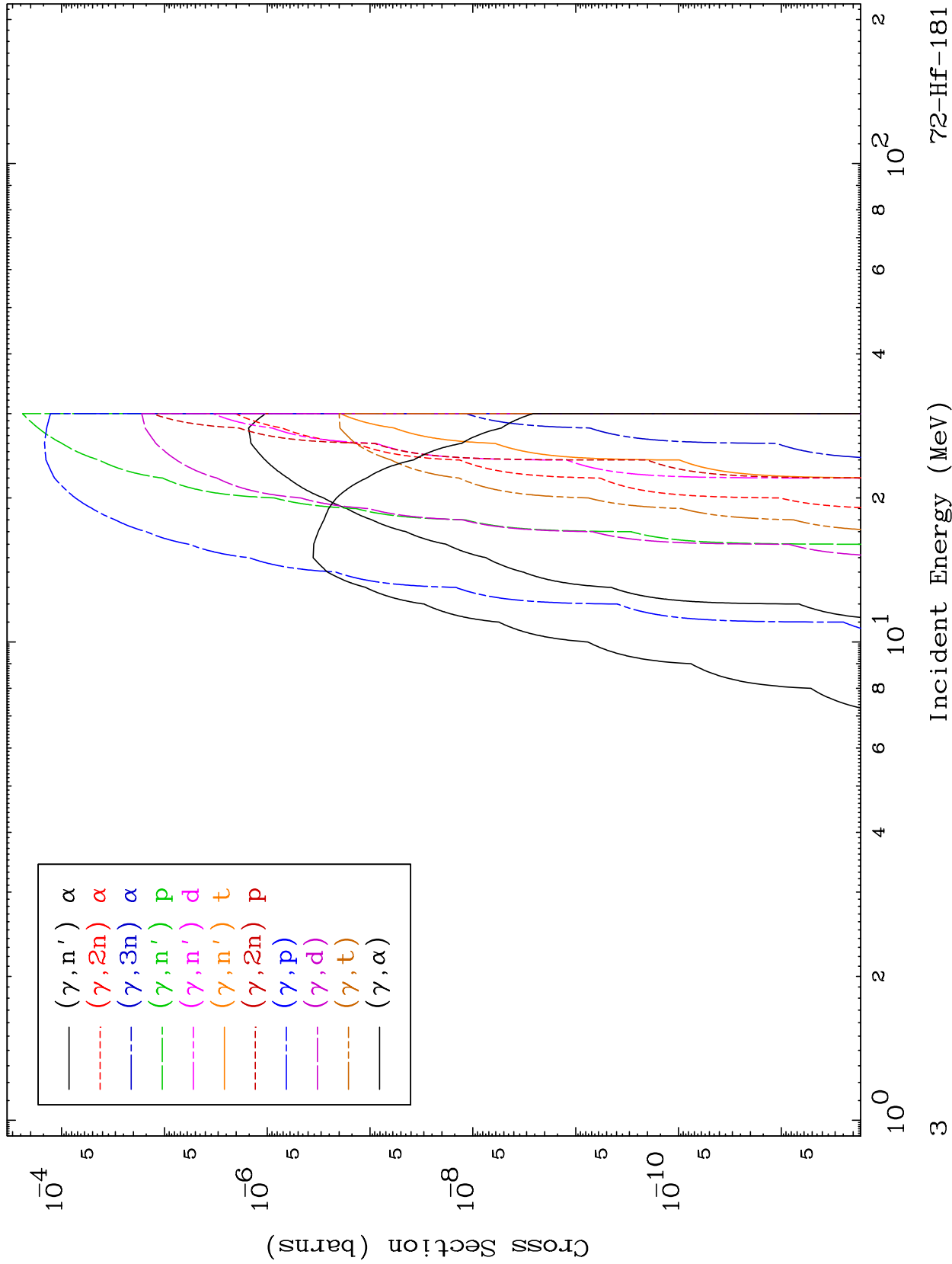


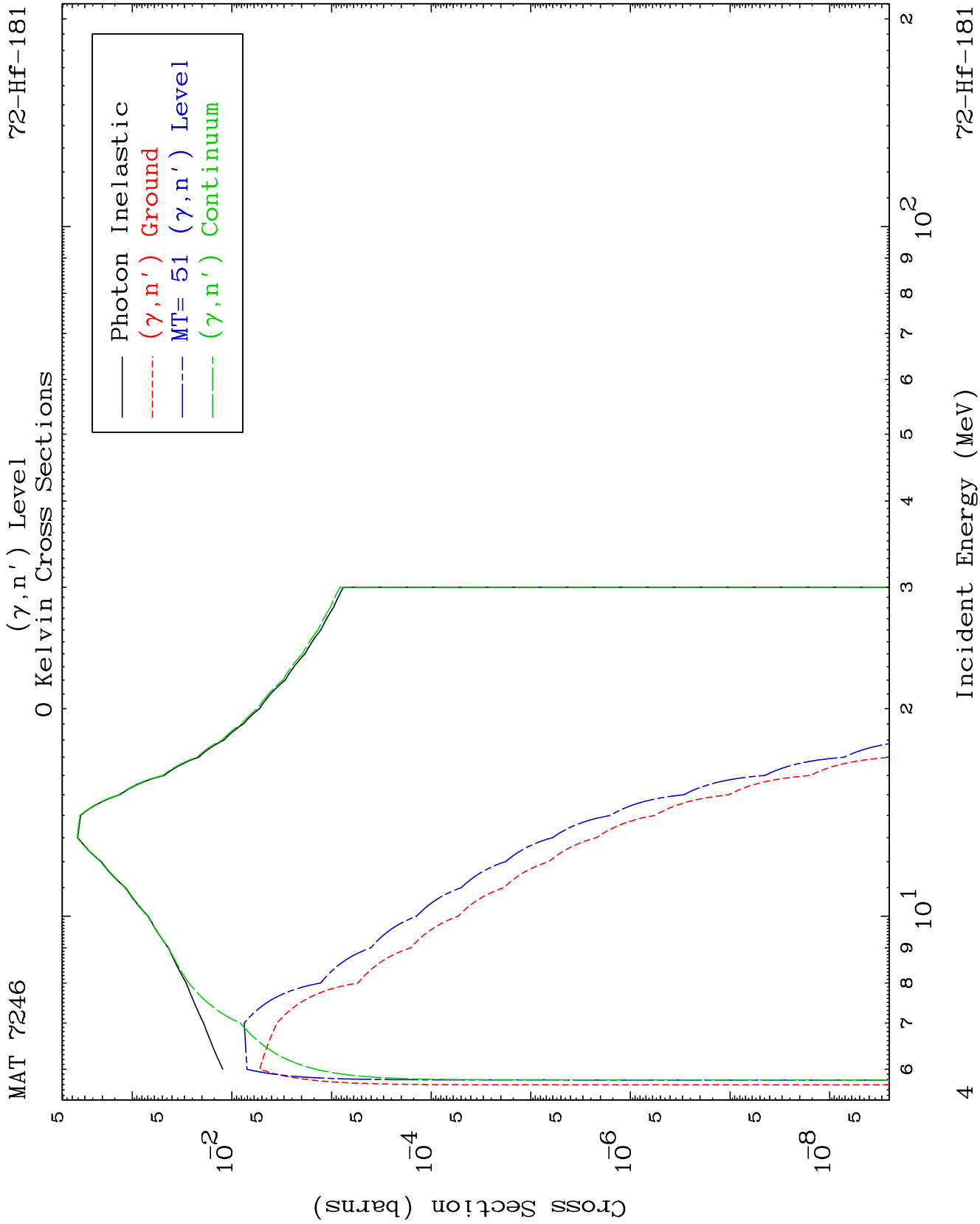


MAT 7246

Photon Charged Particle
0 Kelvin Cross Sections

72-Hf-181

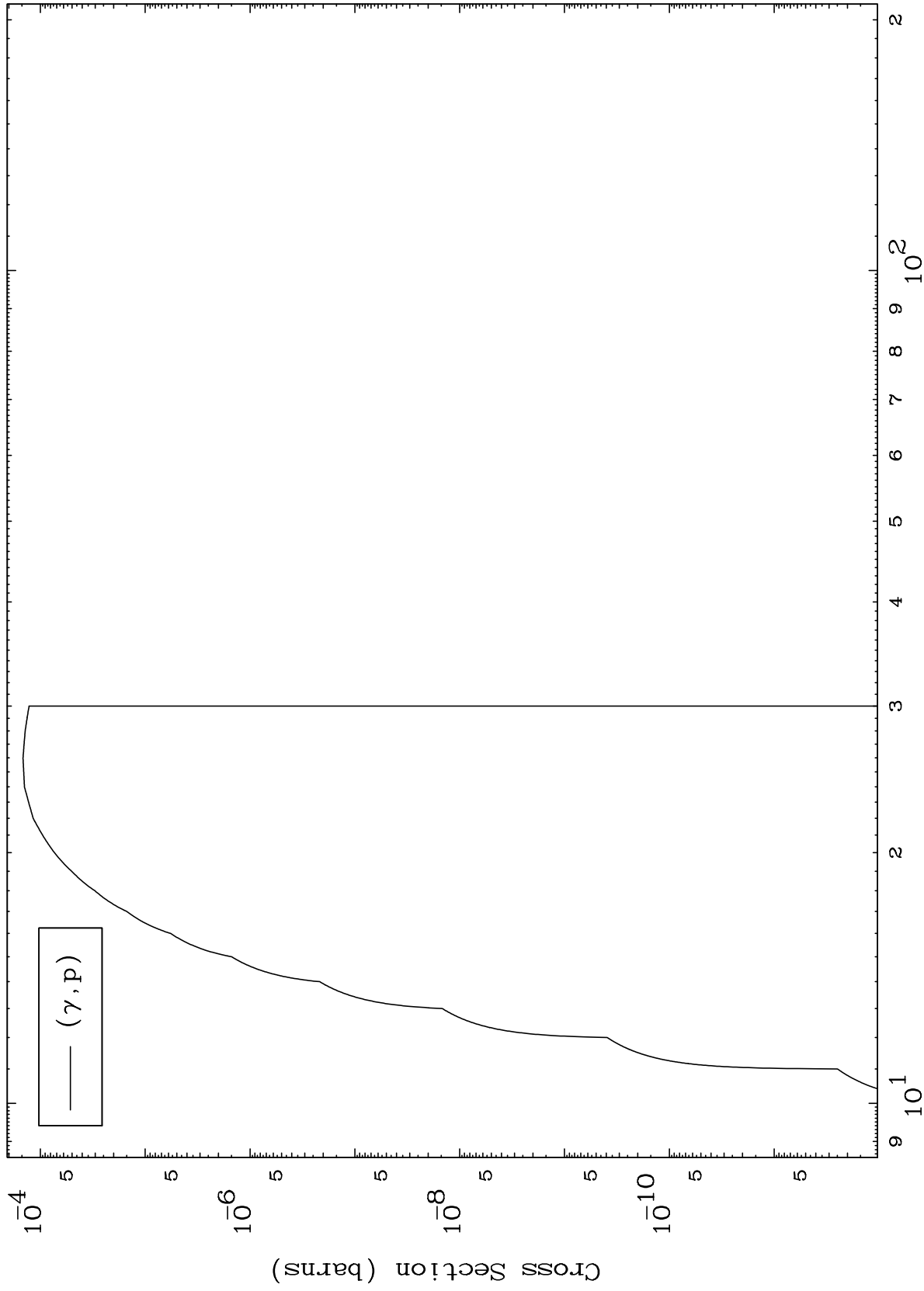




MAT 7246

72-Hf-181

(γ ,p) Levels
0 Kelvin Cross Sections



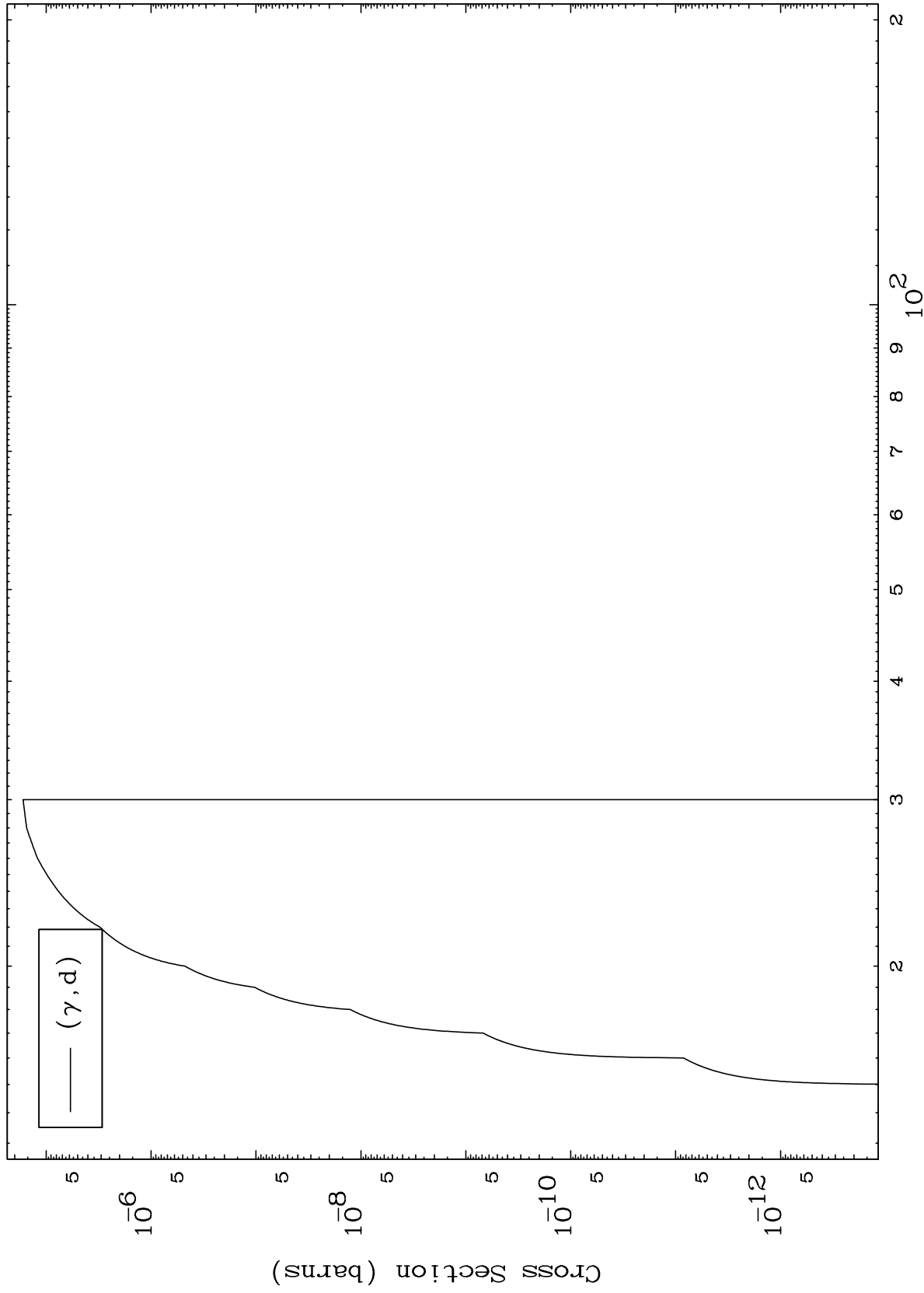
72-Hf-181

Incident Energy (MeV)

MAT 7246

72-Hf-181

(γ ,d) Levels
0 Kelvin Cross Sections



6

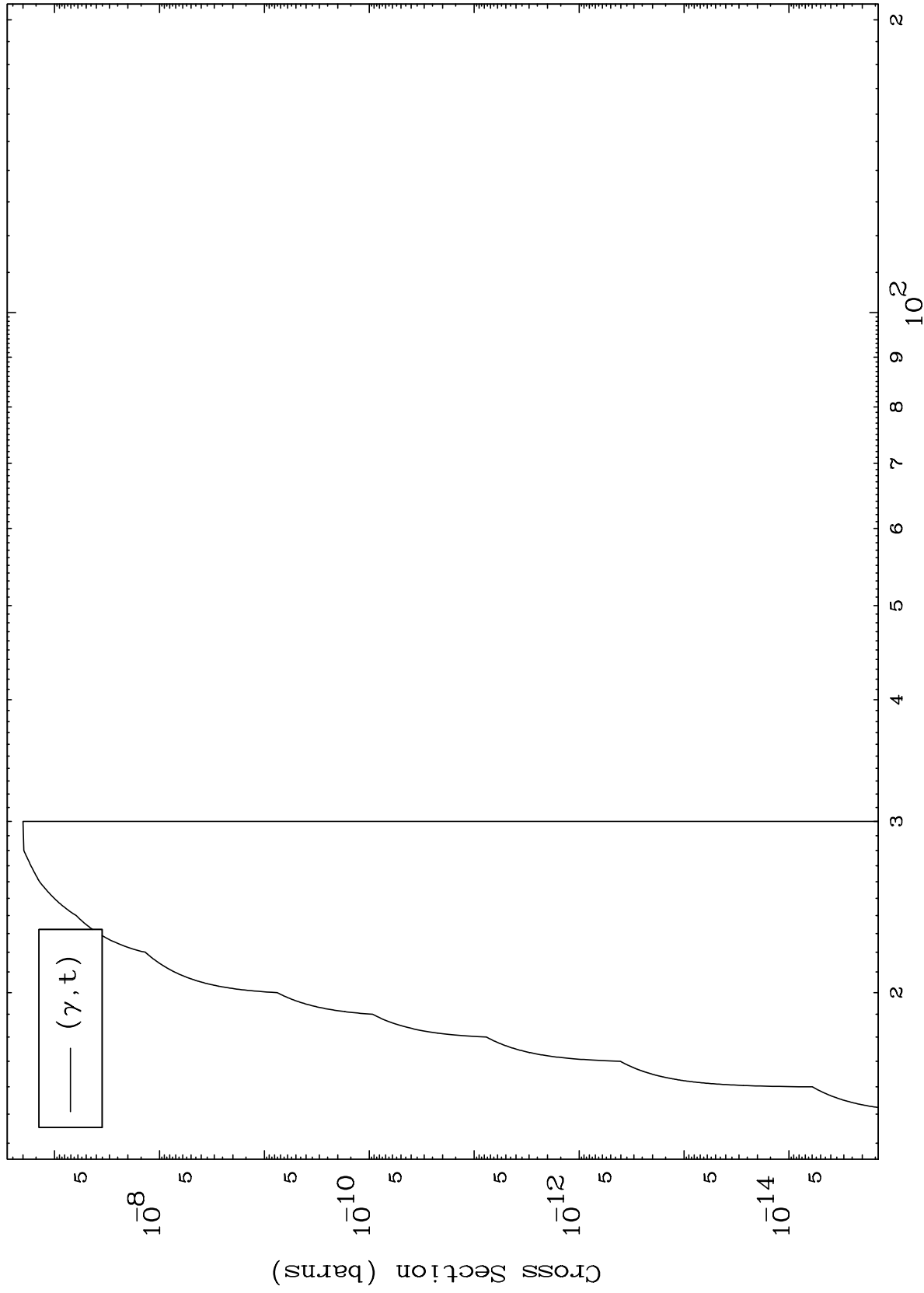
Incident Energy (MeV)

72-Hf-181

MAT 7246

72-Hf-181

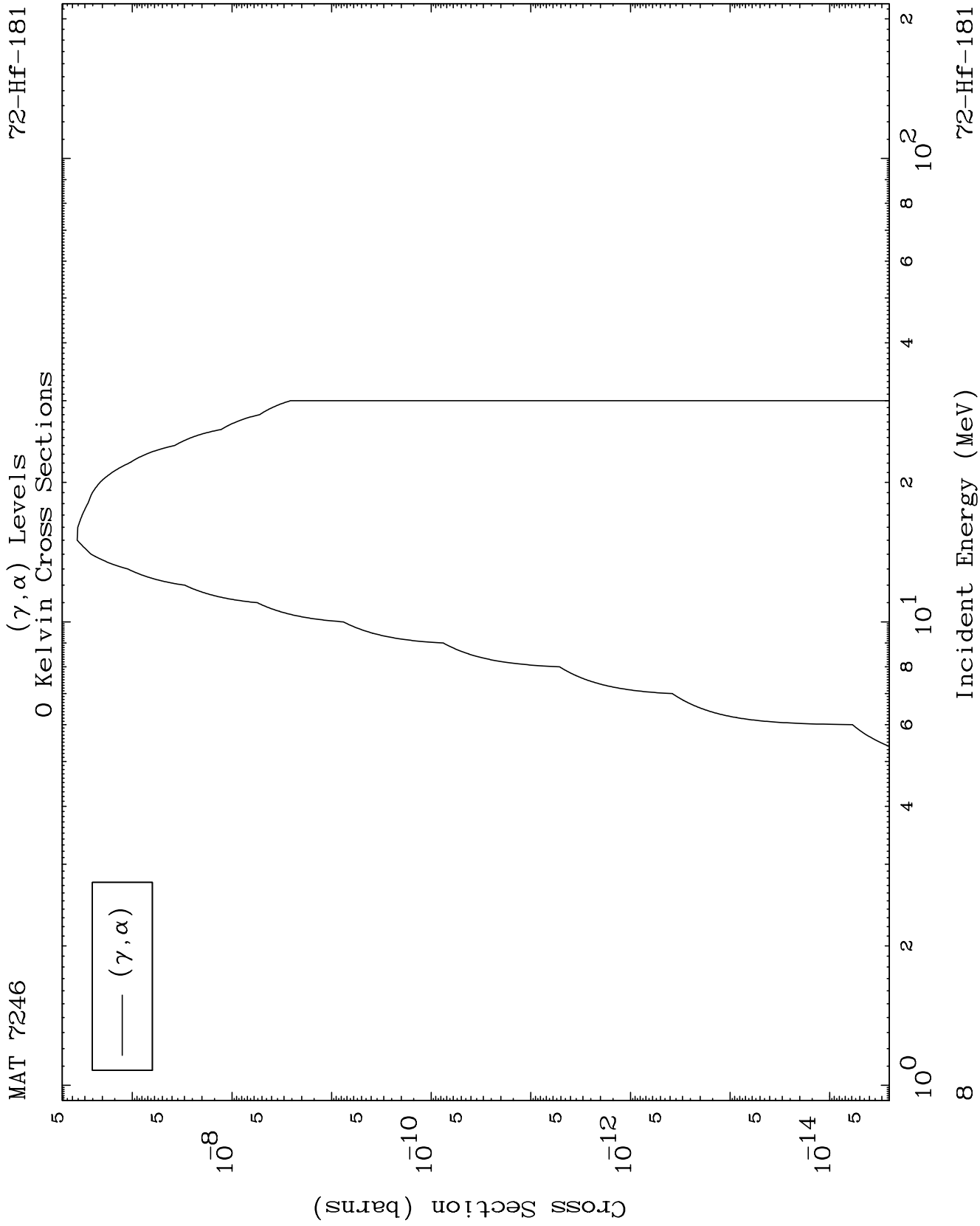
(γ, t) Levels
0 Kelvin Cross Sections

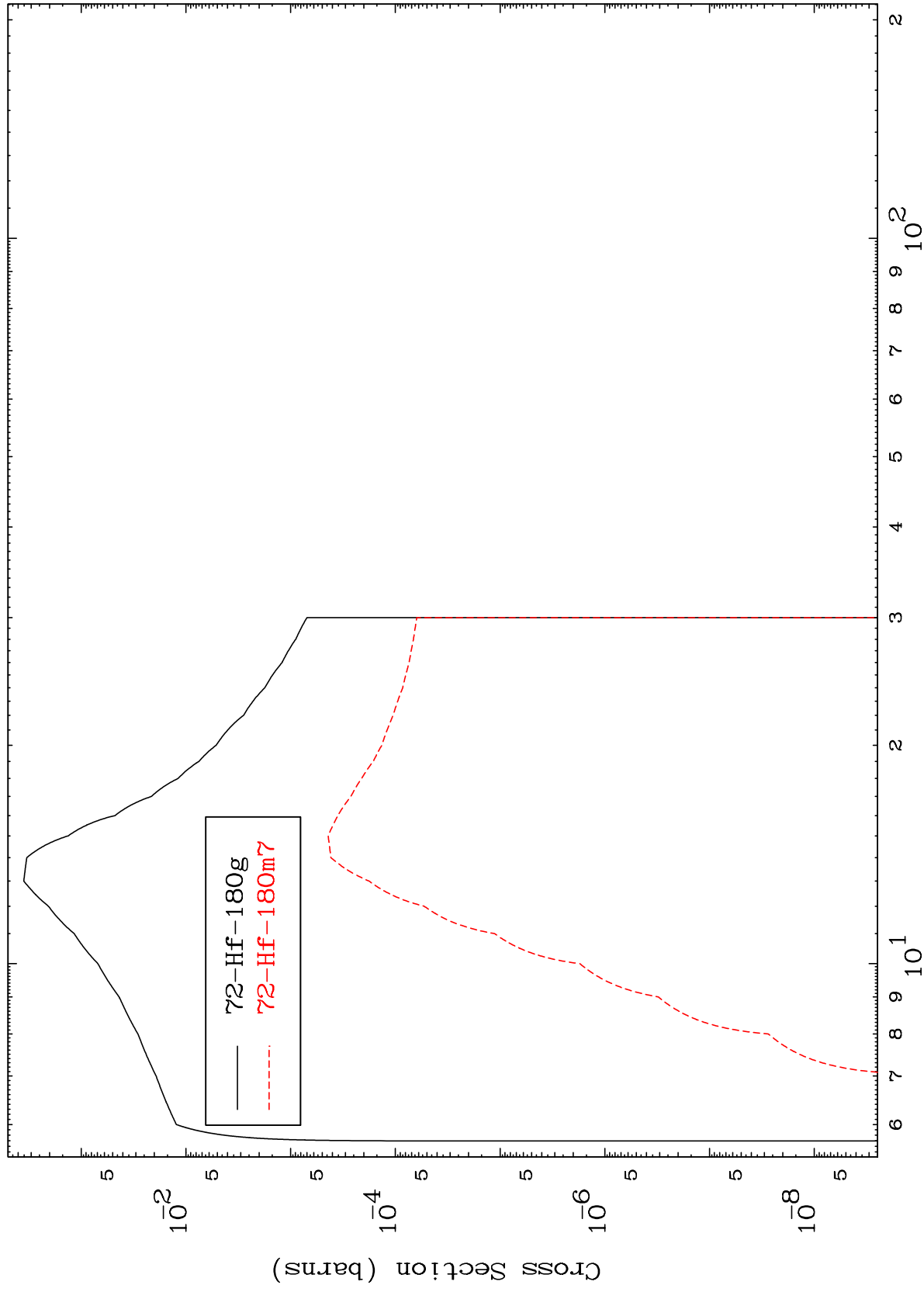


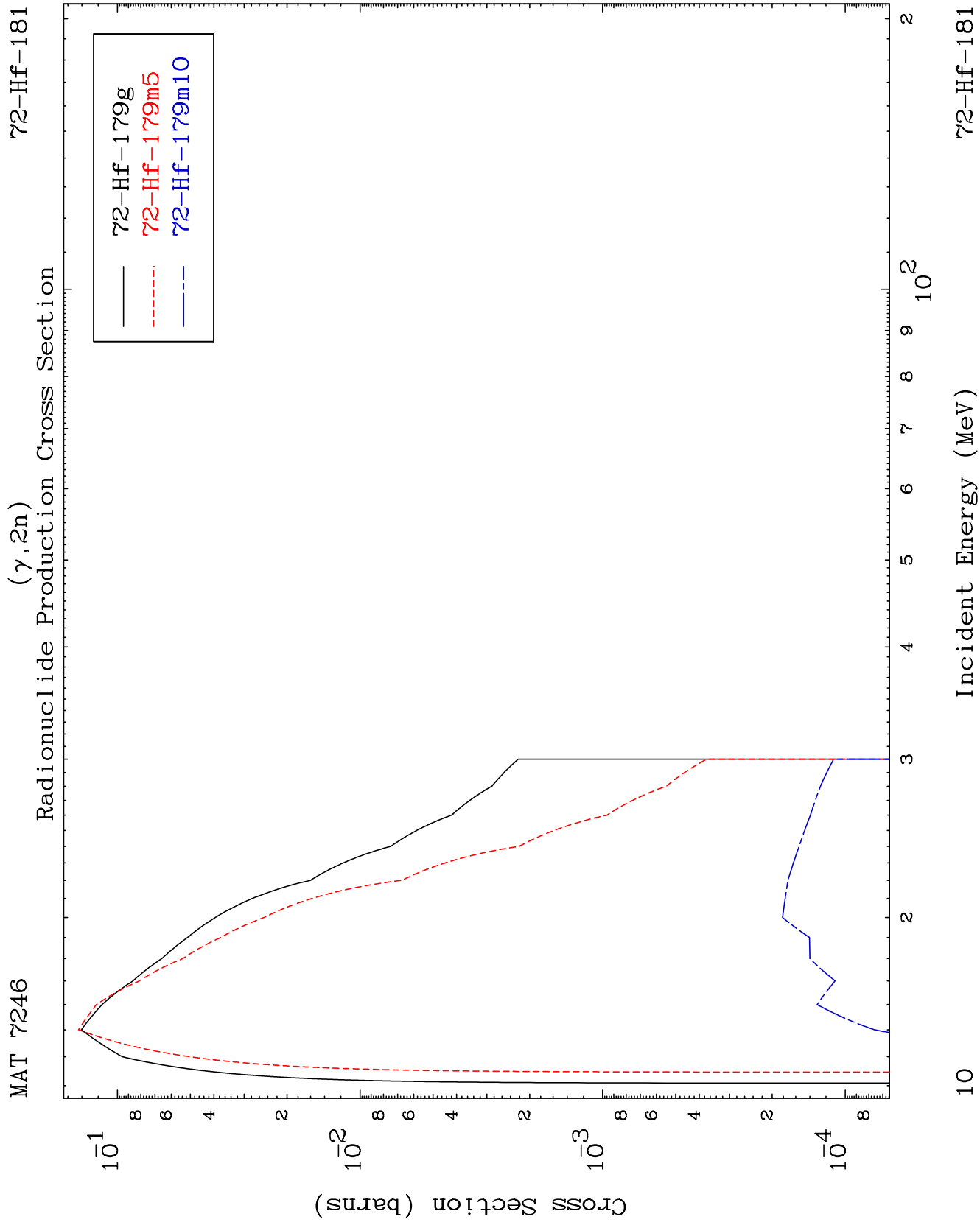
7

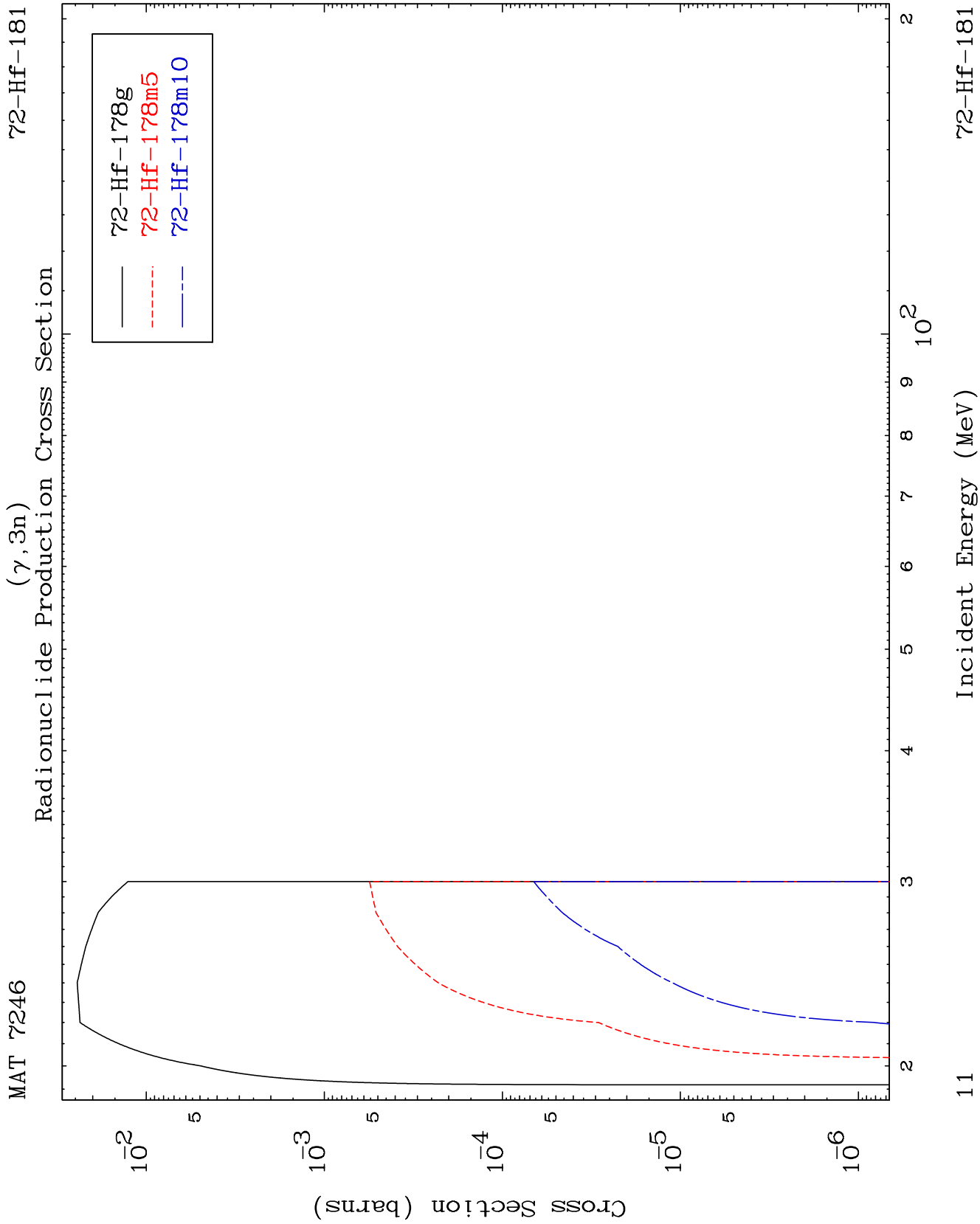
Incident Energy (MeV)

72-Hf-181



Photon Inelastic
Radionuclide Production Cross Section

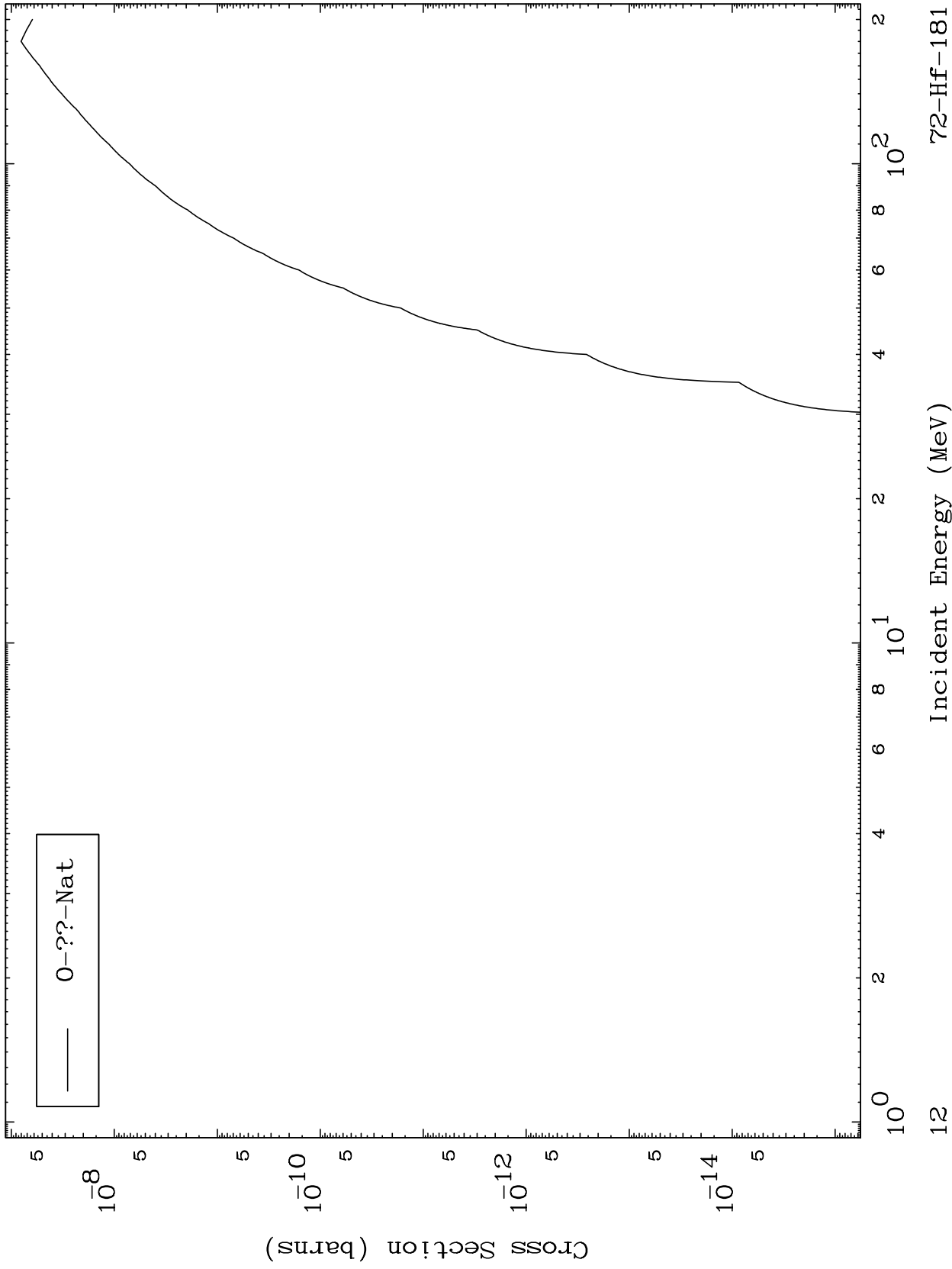




MAT 7246

Photon Fission
Radionuclide Production Cross Section

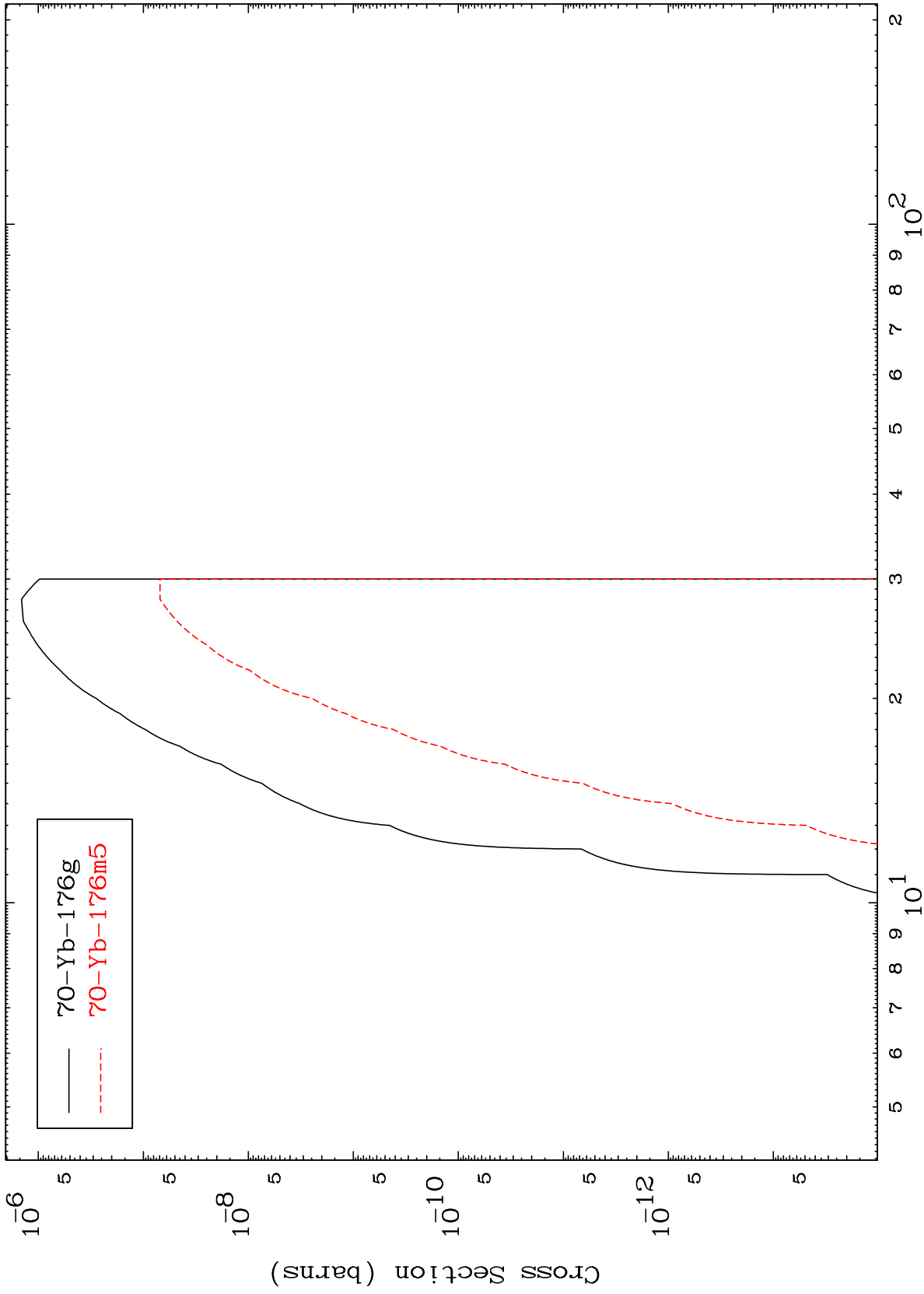
72-Hf-181



MAT 7246

72-Hf-181

$(\gamma, n') \alpha$
Radionuclide Production Cross Section



13

Incident Energy (MeV)

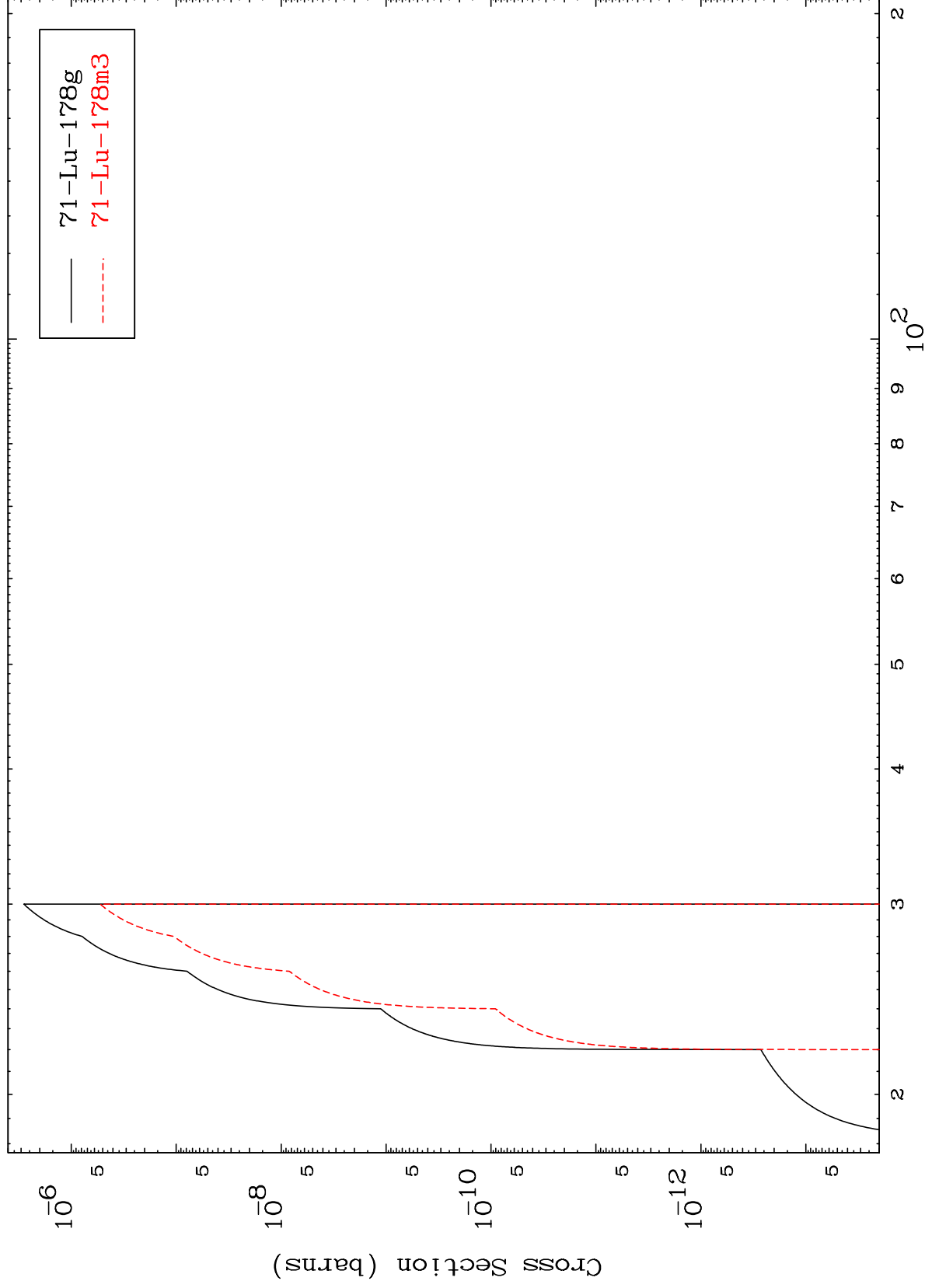
72-Hf-181

MAT 7246

(γ, n') d

Radionuclide Production Cross Section

$^{72}\text{Hf}-^{181}$



14

Incident Energy (MeV)

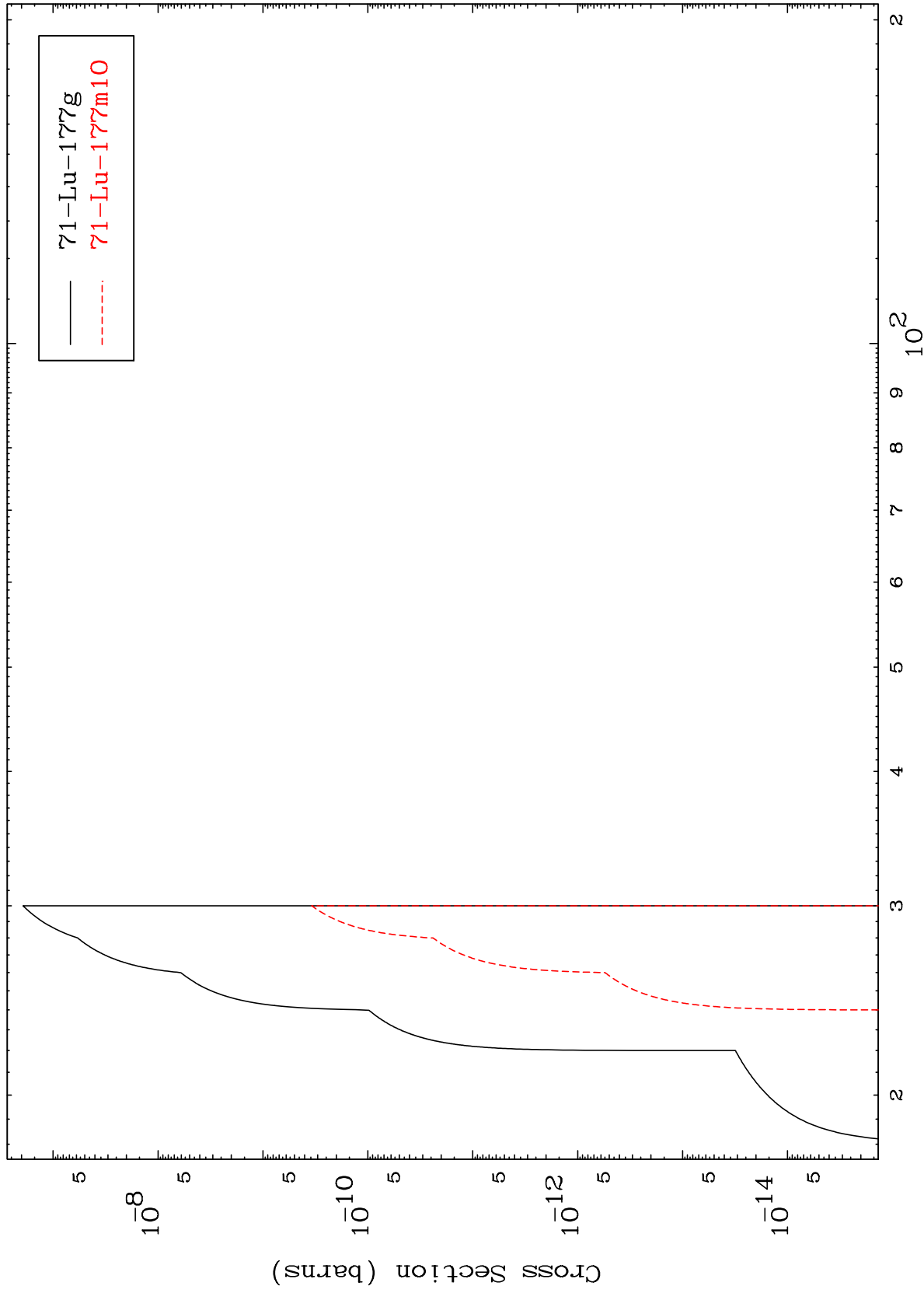
$^{72}\text{Hf}-^{181}$

MAT 7246

(γ, n') t

72-Hf-181

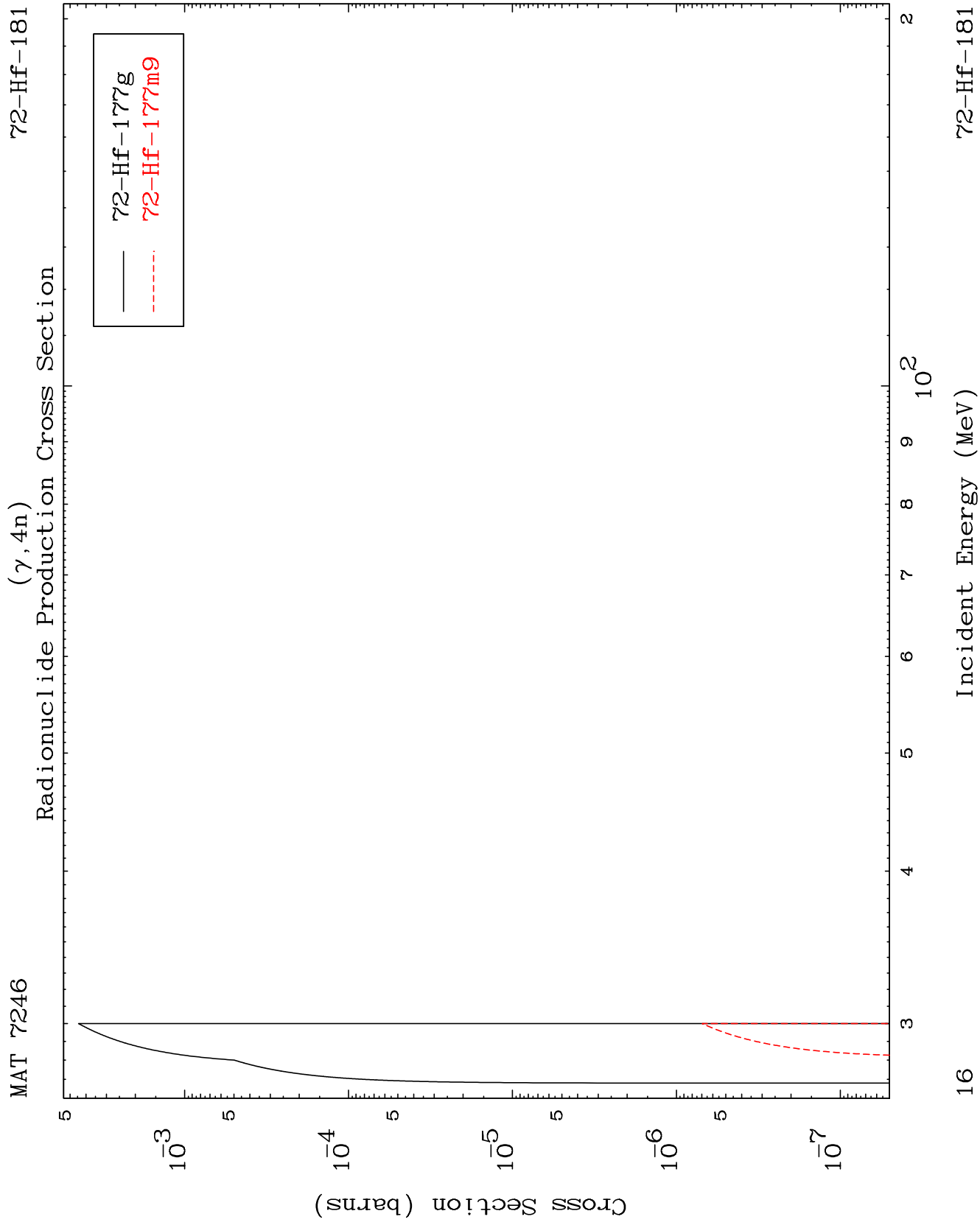
Radionuclide Production Cross Section



15

Incident Energy (MeV)

72-Hf-181

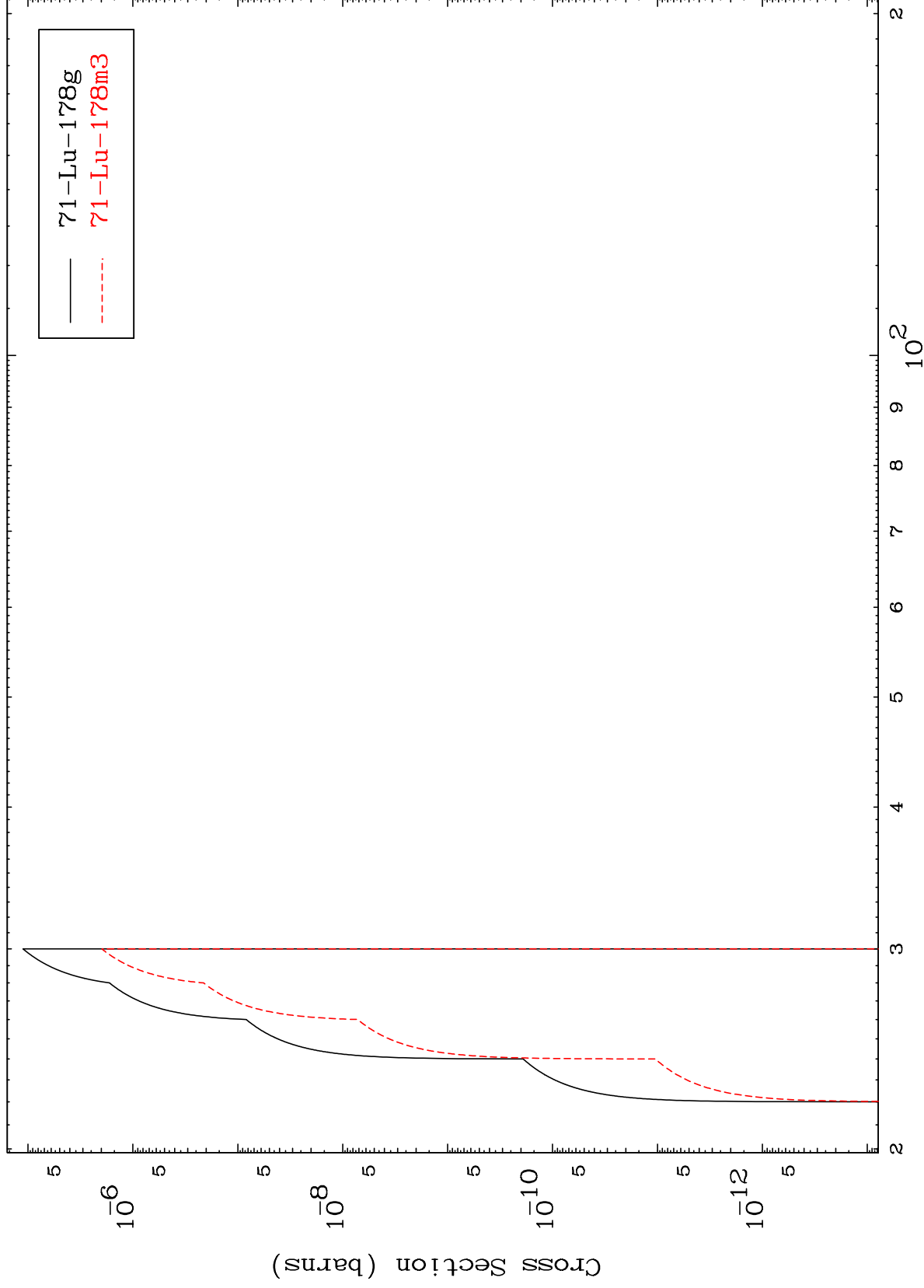


MAT 7246

$(\gamma, 2n)$ p

$^{72}\text{Hf}-^{181}$

Radionuclide Production Cross Section



17

Incident Energy (MeV)

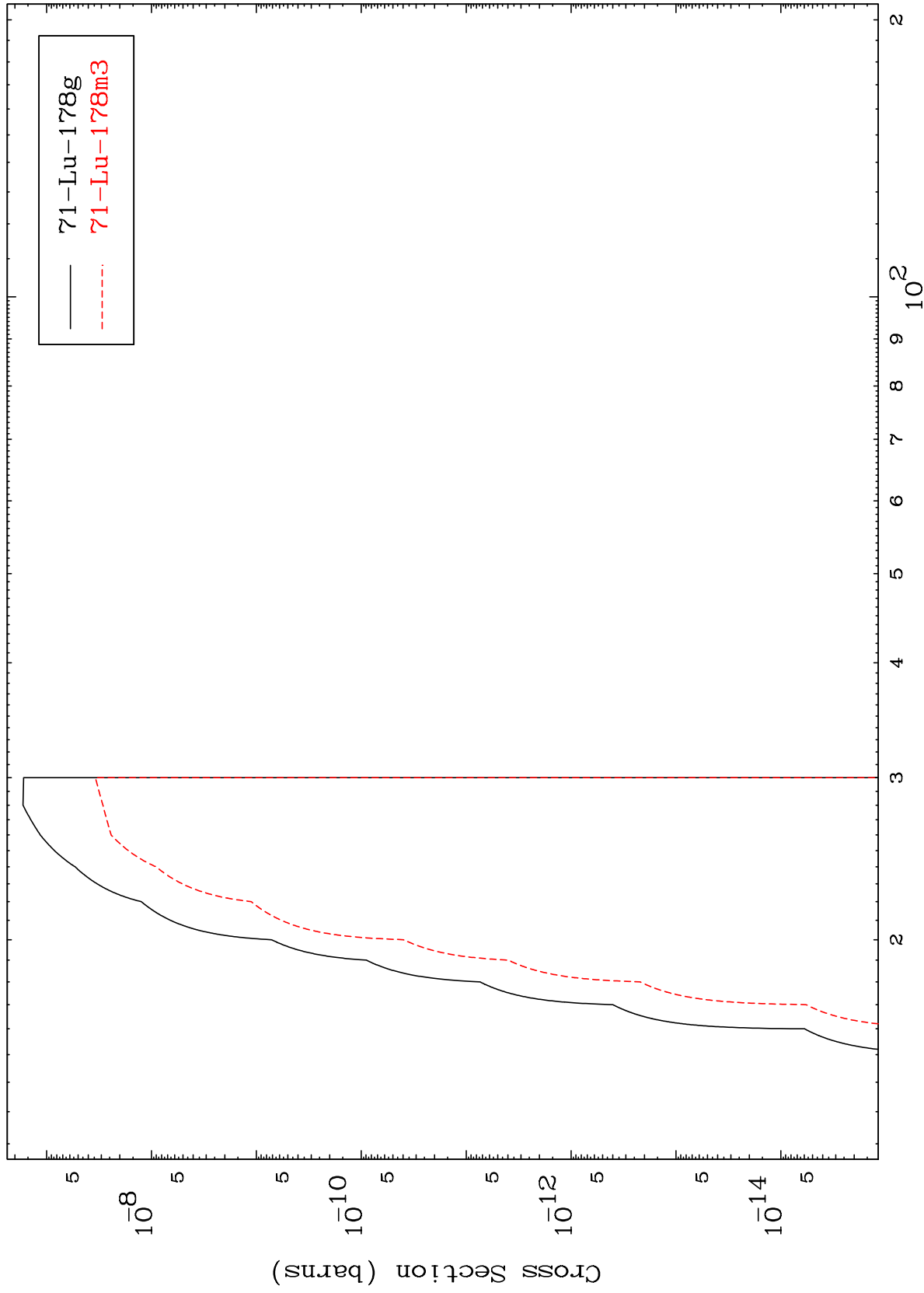
$^{72}\text{Hf}-^{181}$

MAT 7246

(γ, t)

72-Hf-181

Radionuclide Production Cross Section



18

Incident Energy (MeV)

72-Hf-181

MAT 7246

72-Hf-181

(γ, α)
Radionuclide Production Cross Section

