

Program EVALPLOT
(Version 2018-1)

by

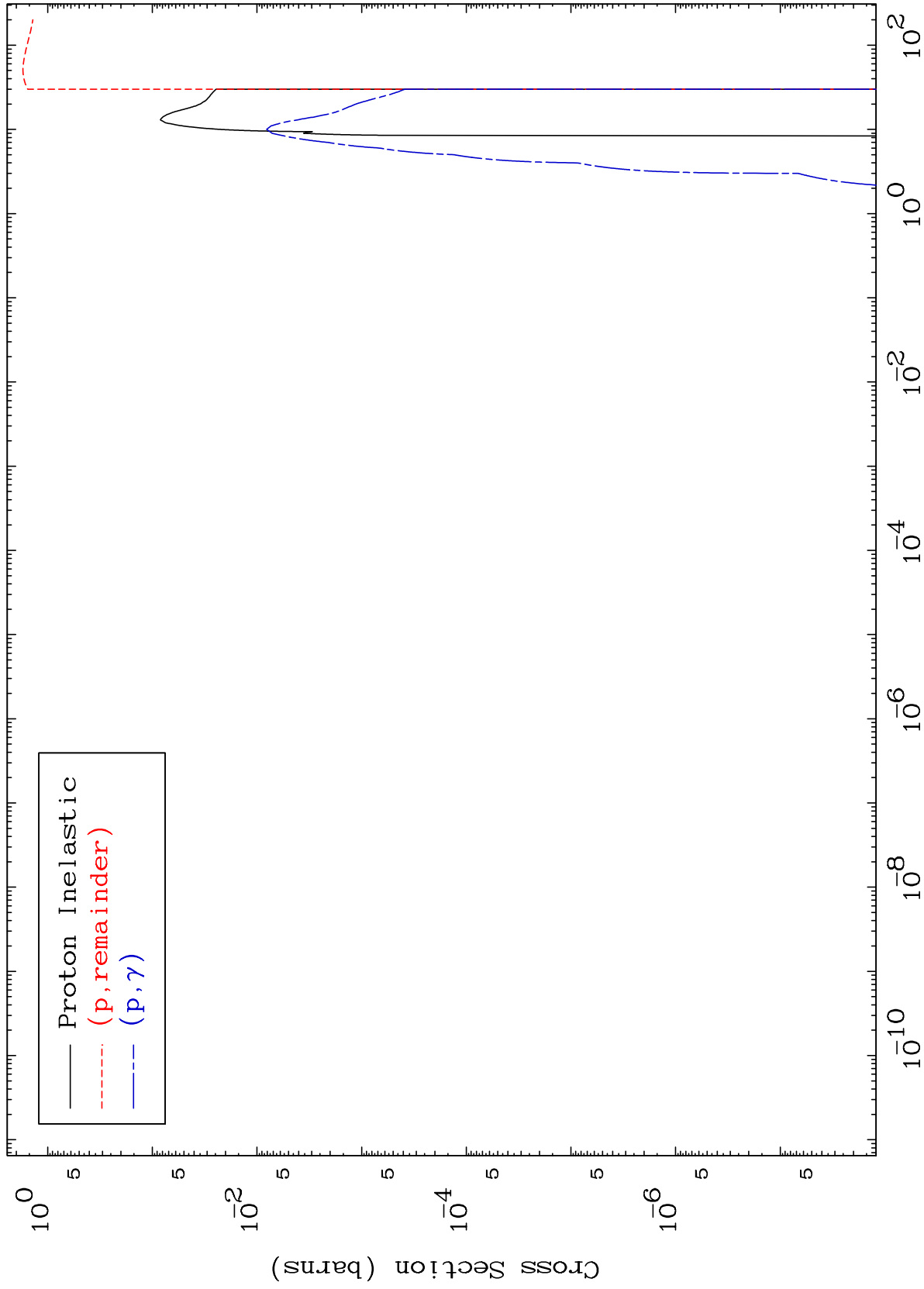
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

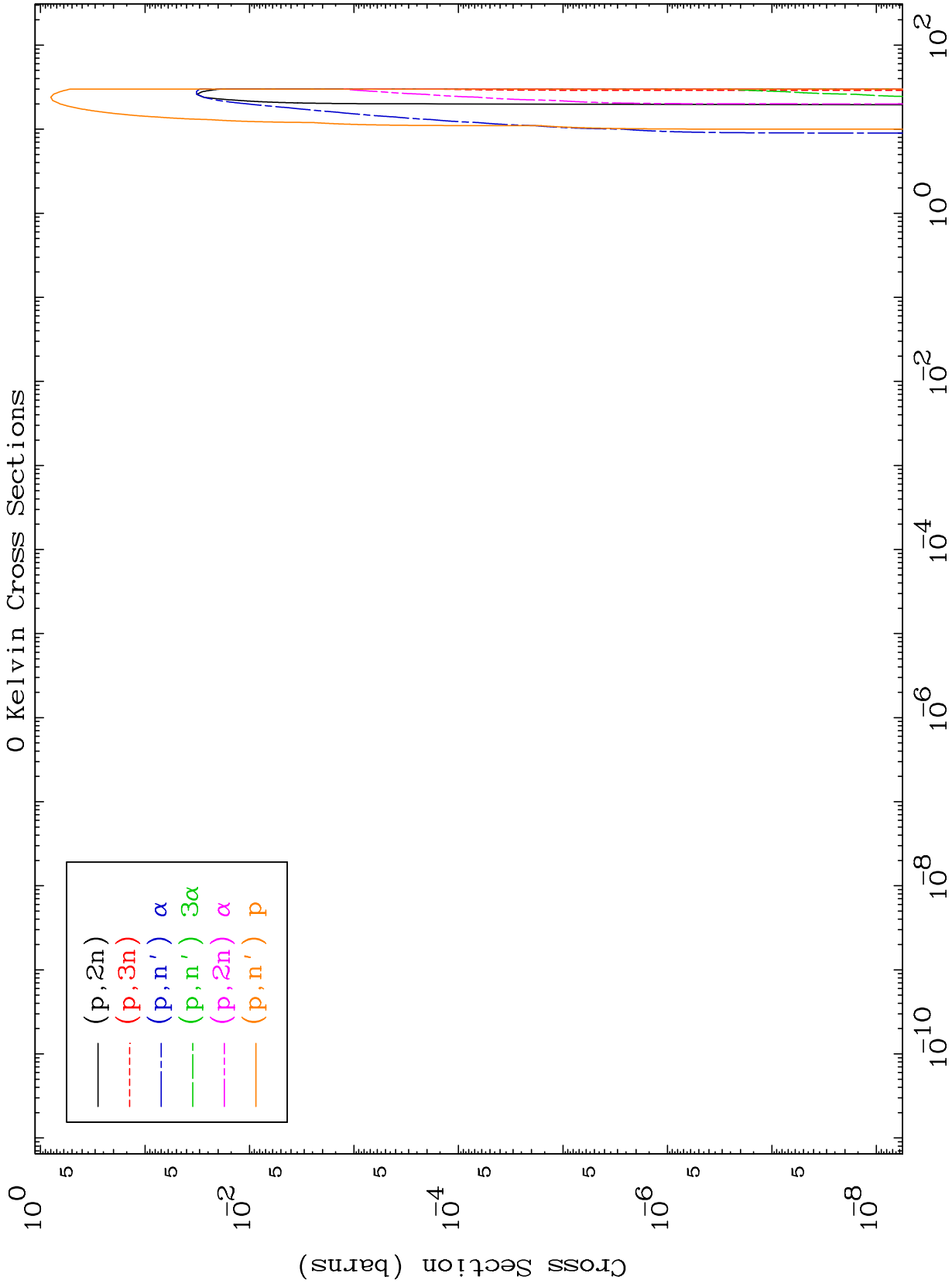
Press Mouse Button to Start



MAT 7186

Proton Neutron Production
0 Kelvin Cross Sections

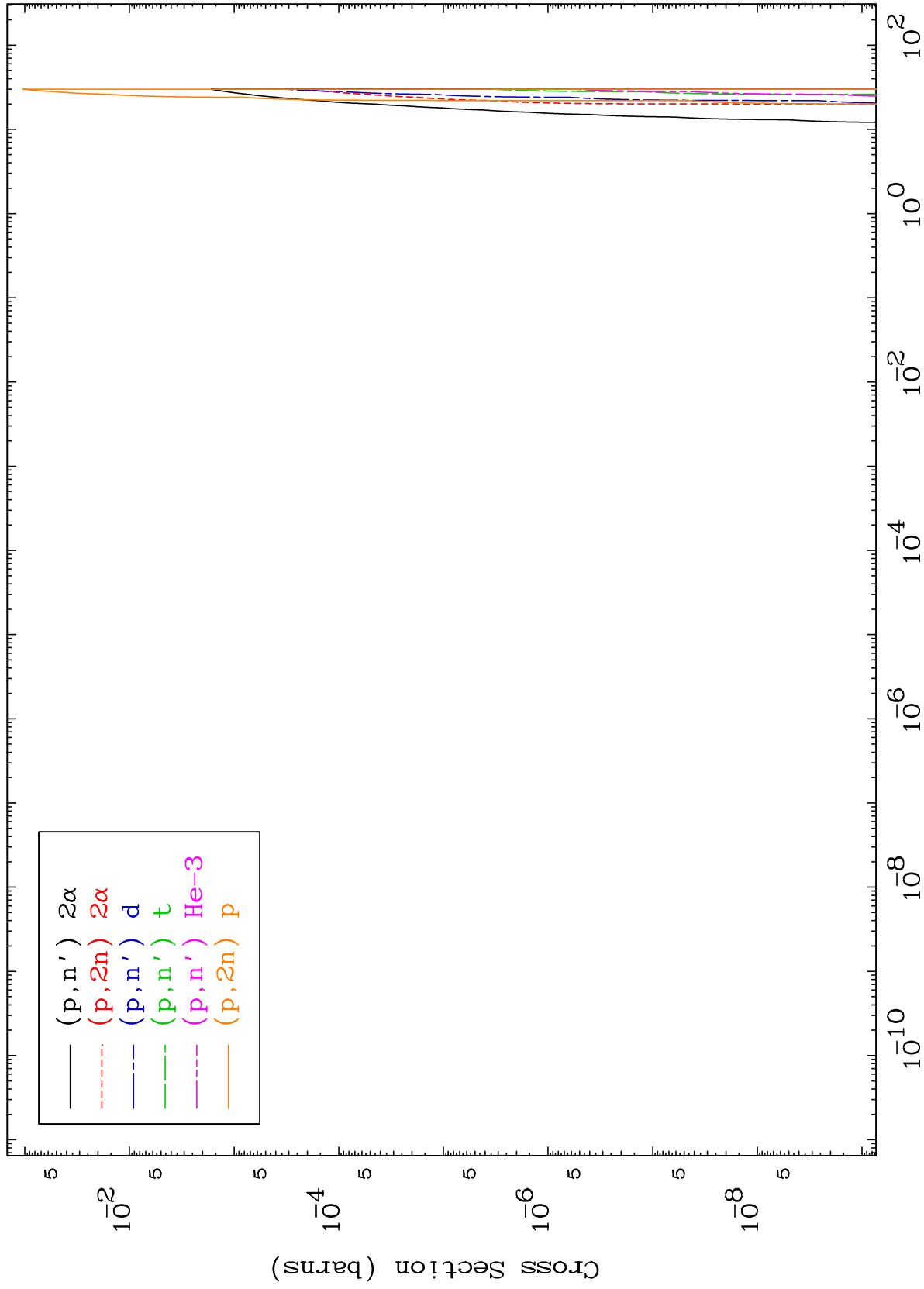
72-Hf-161



2

Incident Energy (MeV)

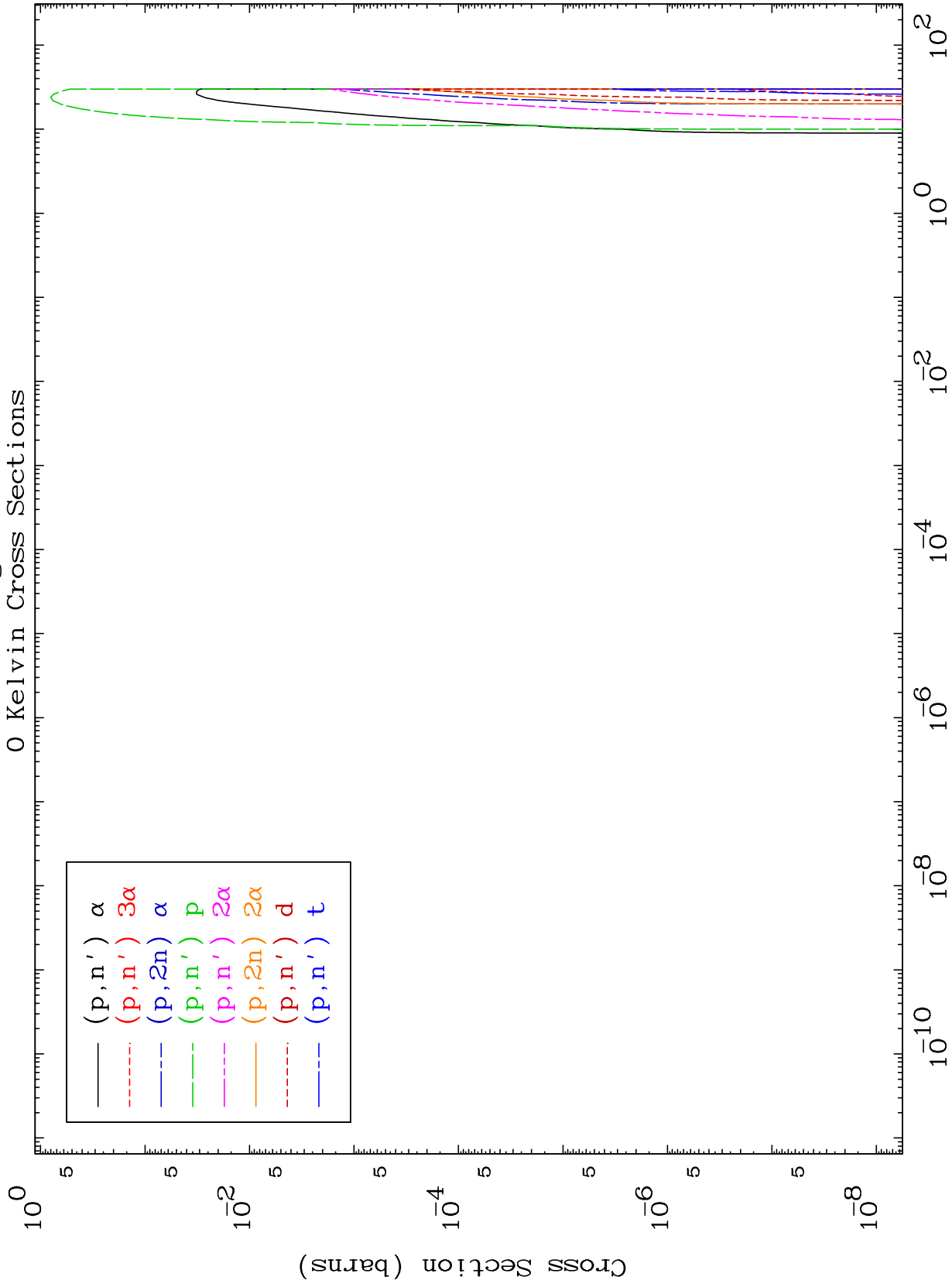
72-Hf-161



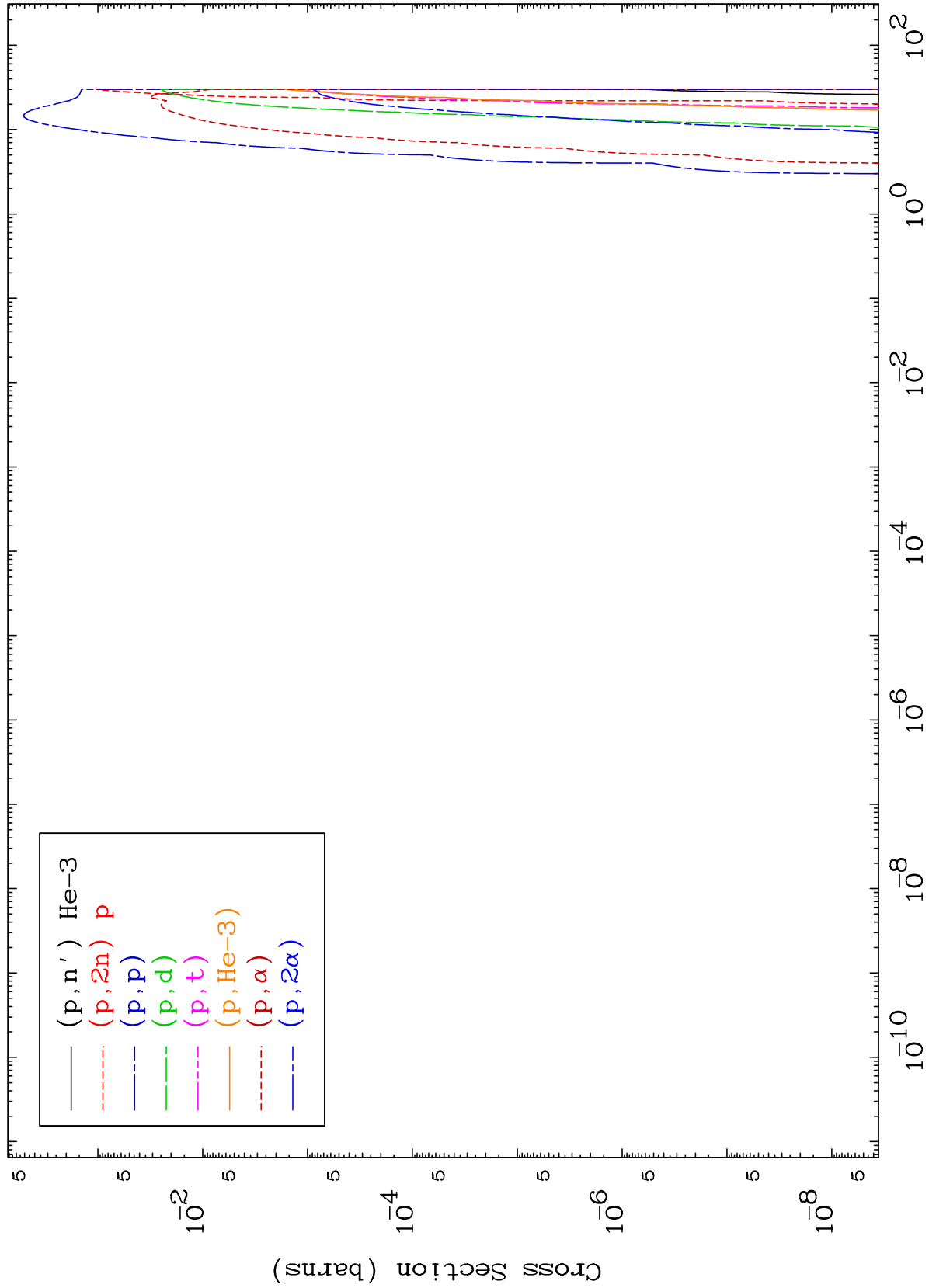
MAT 7186

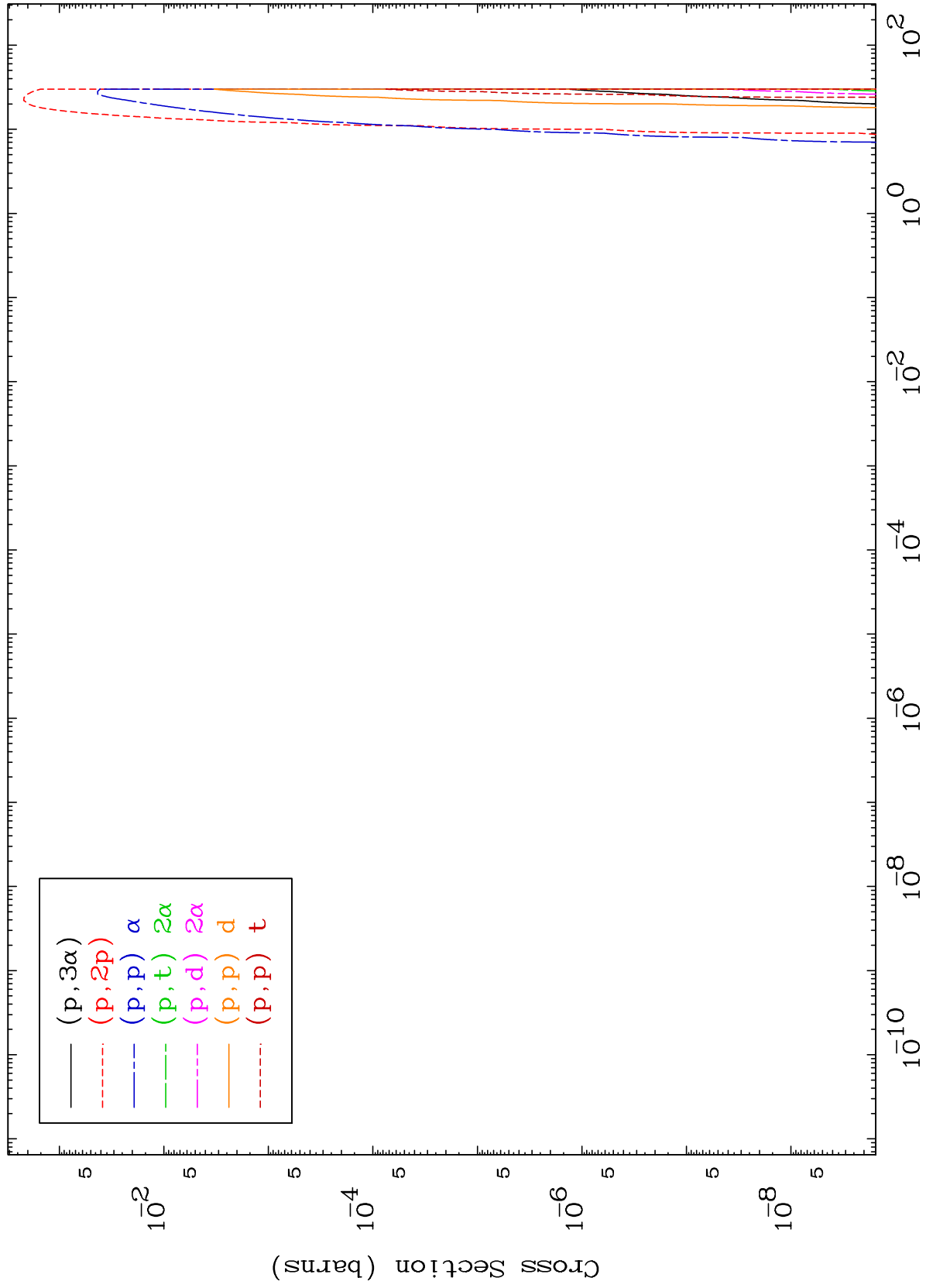
Proton Charged Particle
0 Kelvin Cross Sections

72-Hf-161



72-Hf-161

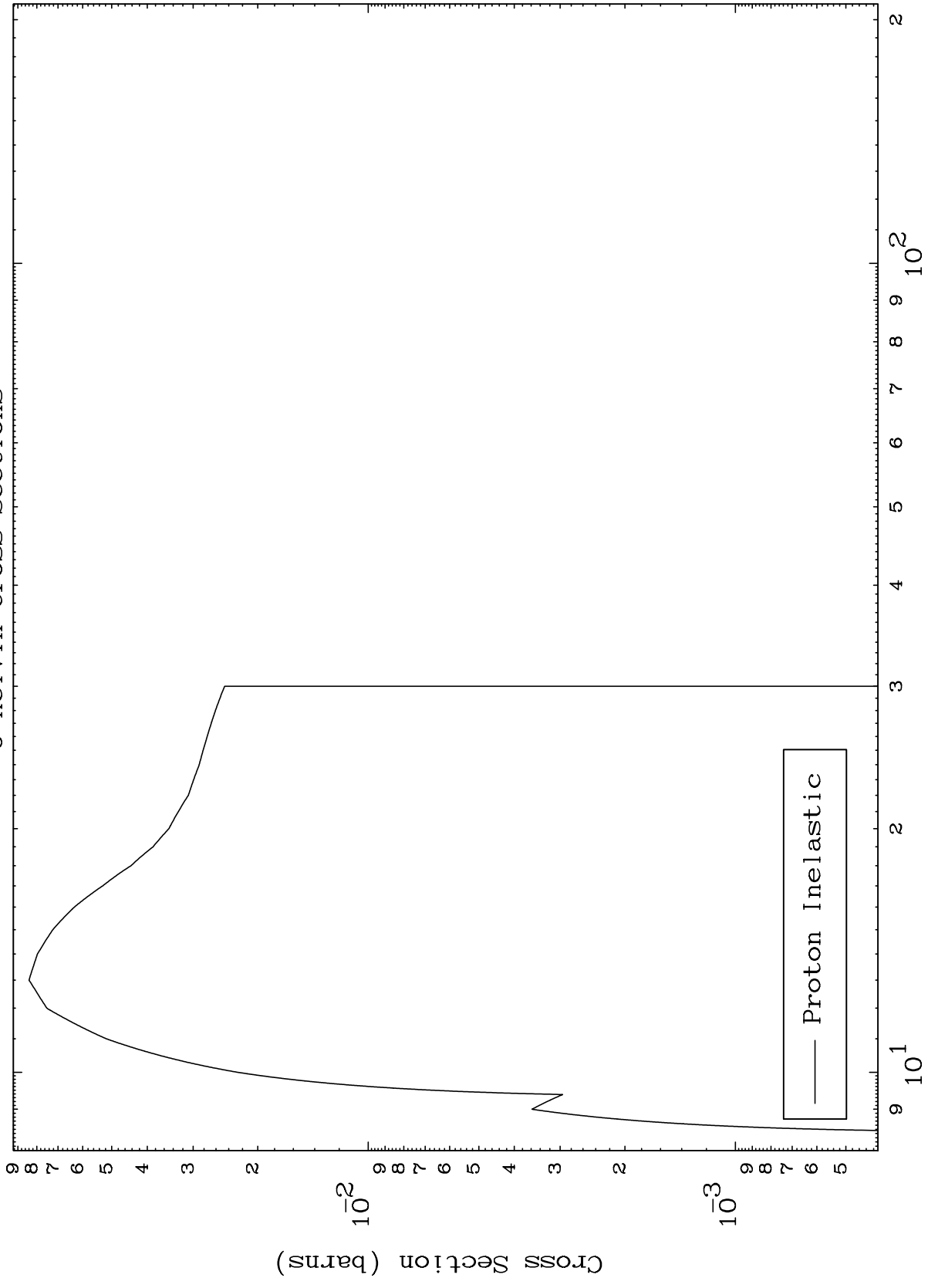




MAT 7186

(p,n') Level
0 Kelvin Cross Sections

72-Hf-161



— Proton Inelastic

7

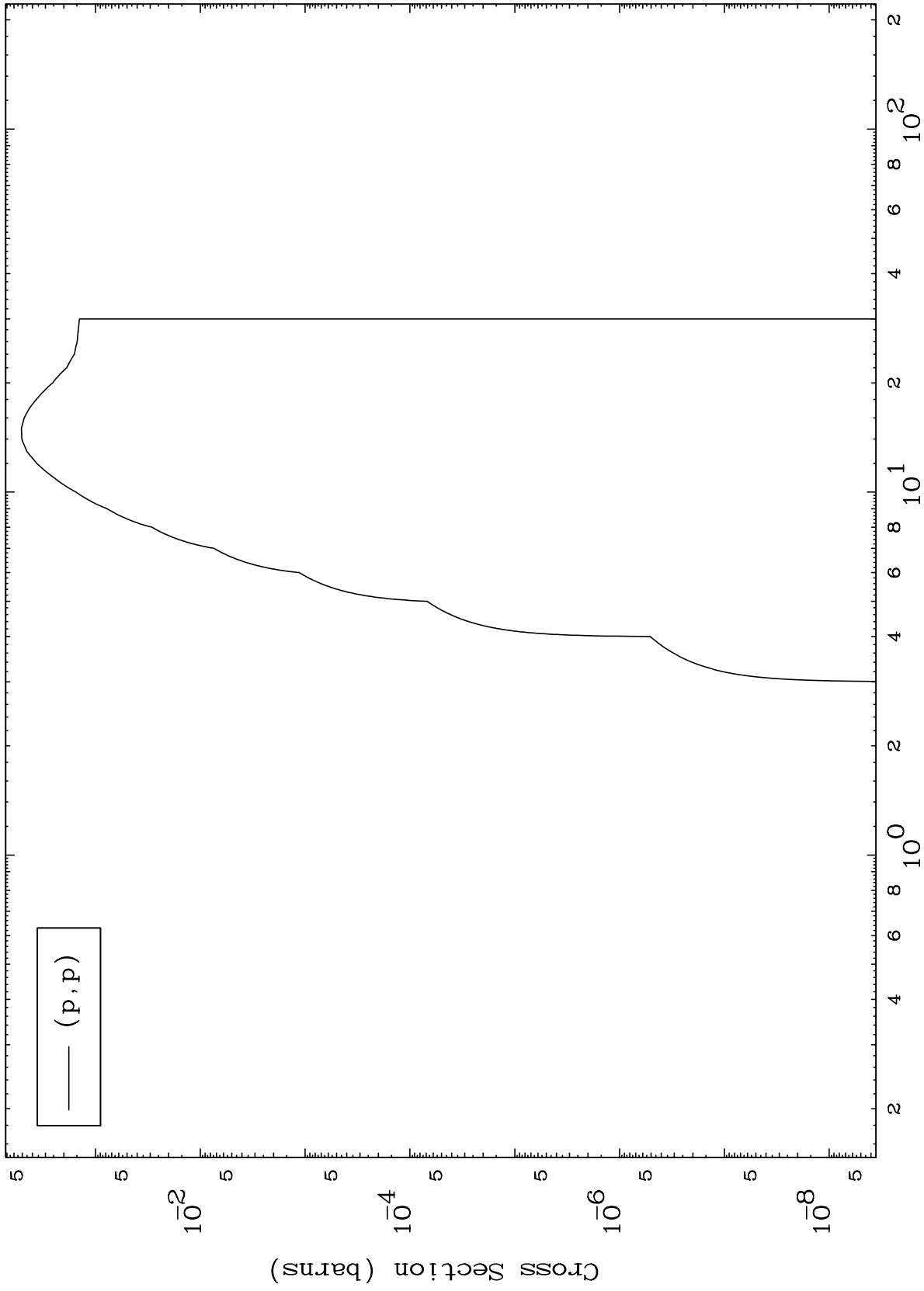
Incident Energy (MeV)

72-Hf-161

MAT 7186

(p,p) Levels
0 Kelvin Cross Sections

72-Hf-161



8

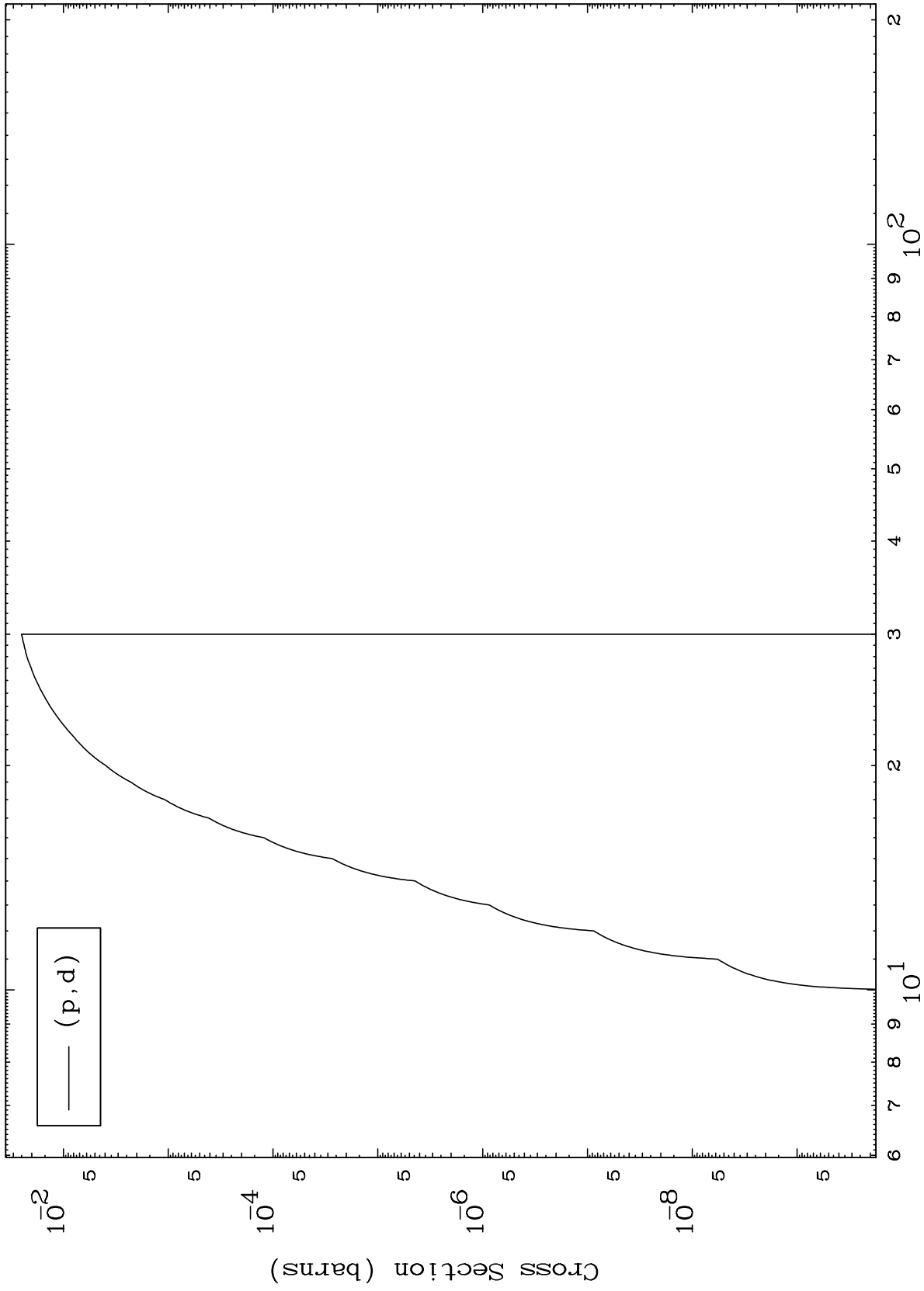
Incident Energy (MeV)

72-Hf-161

MAT 7186

(p,d) Levels
0 Kelvin Cross Sections

72-Hf-161



9

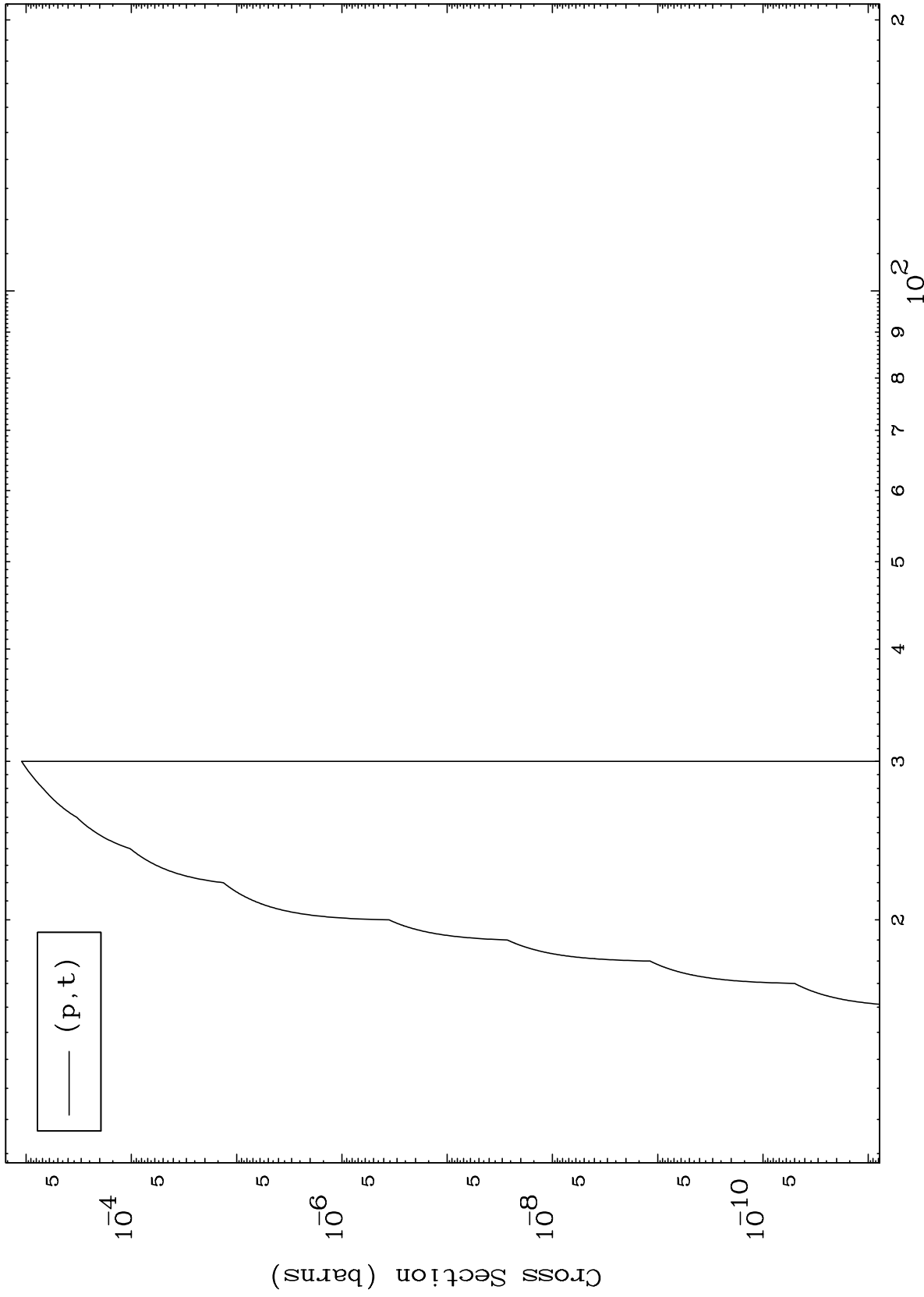
Incident Energy (MeV)

72-Hf-161

MAT 7186

(p,t) Levels
0 Kelvin Cross Sections

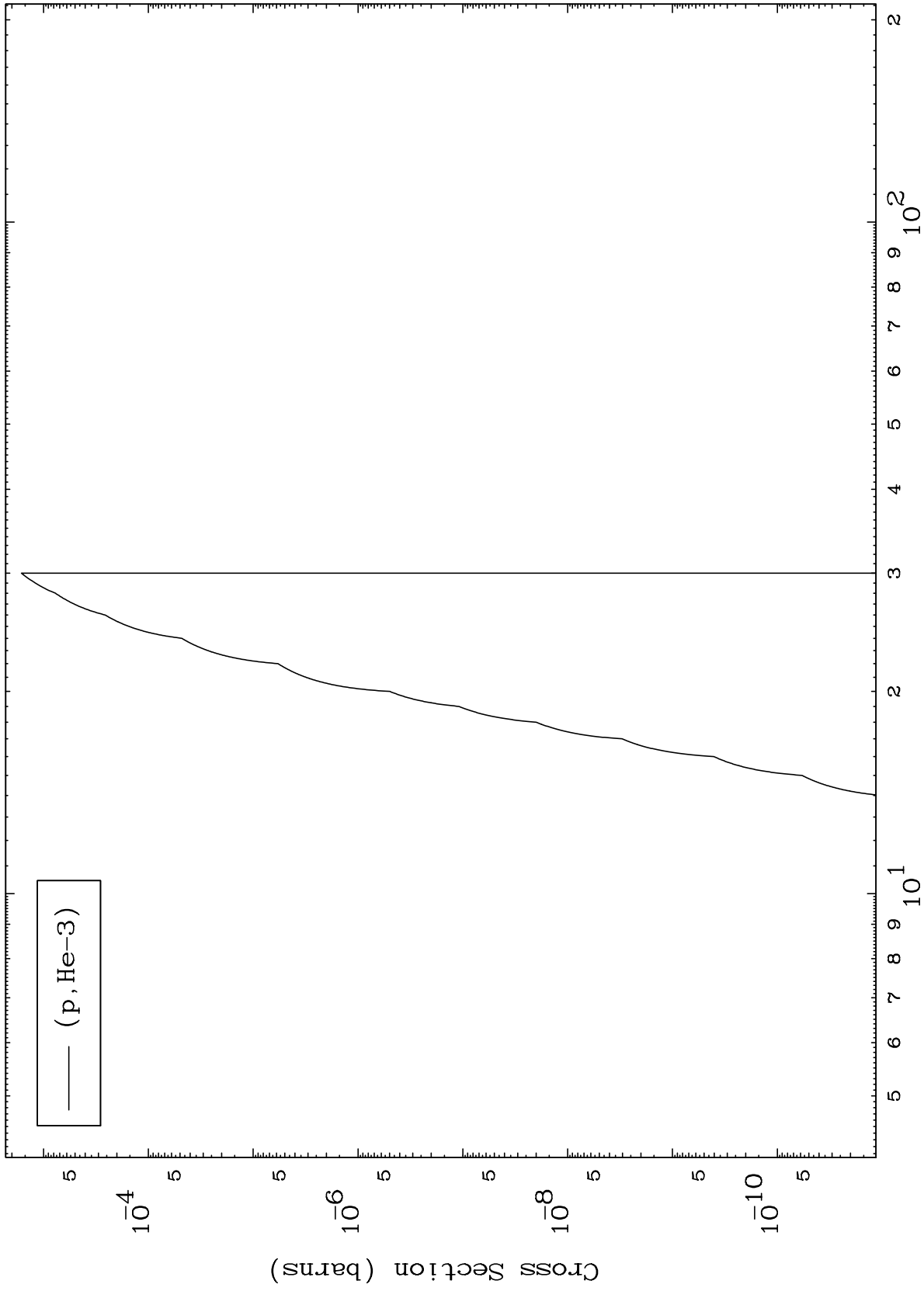
72-Hf-161



10

Incident Energy (MeV)

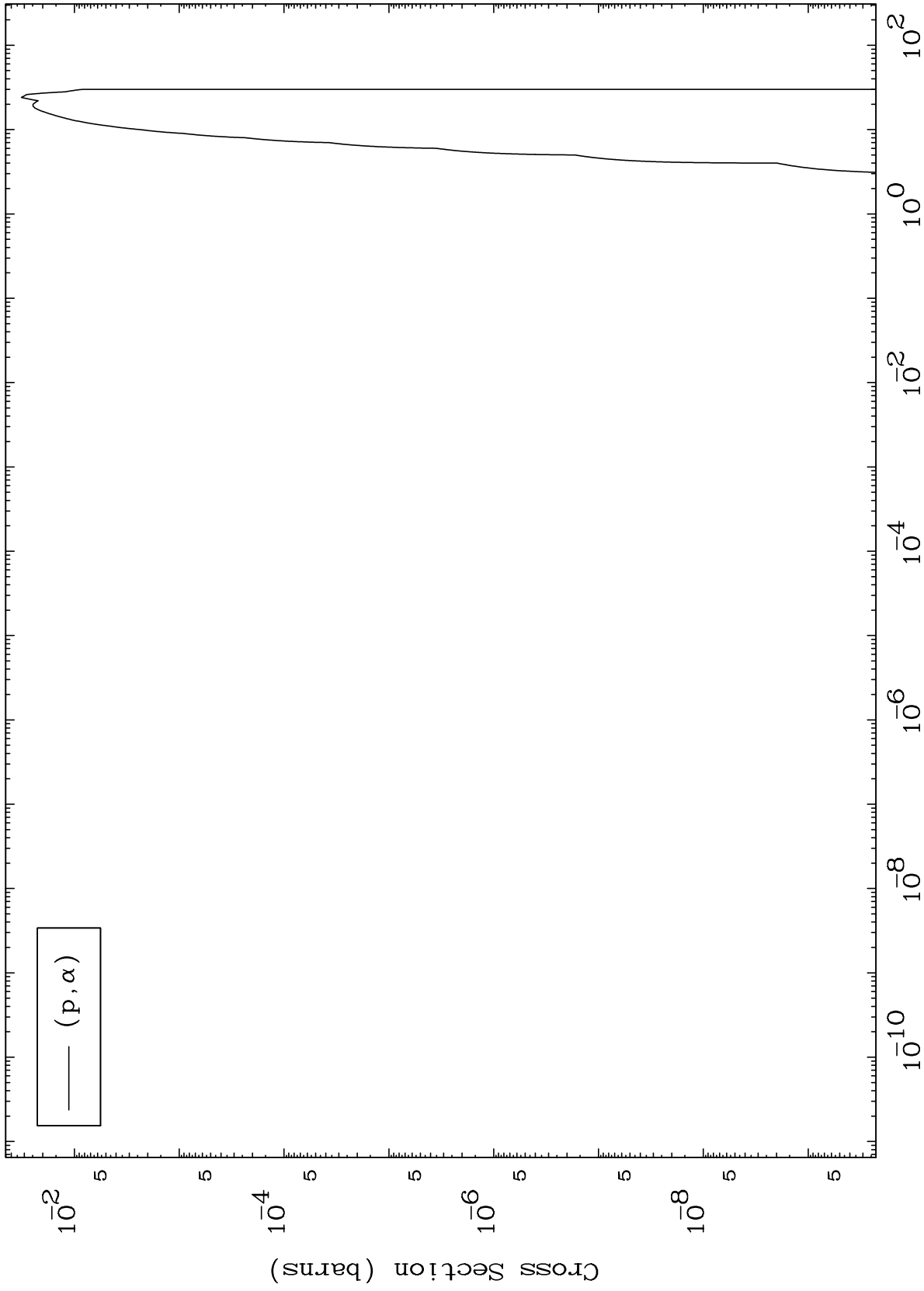
72-Hf-161



MAT 7186

(p,α) Levels
0 Kelvin Cross Sections

72-Hf-161



12

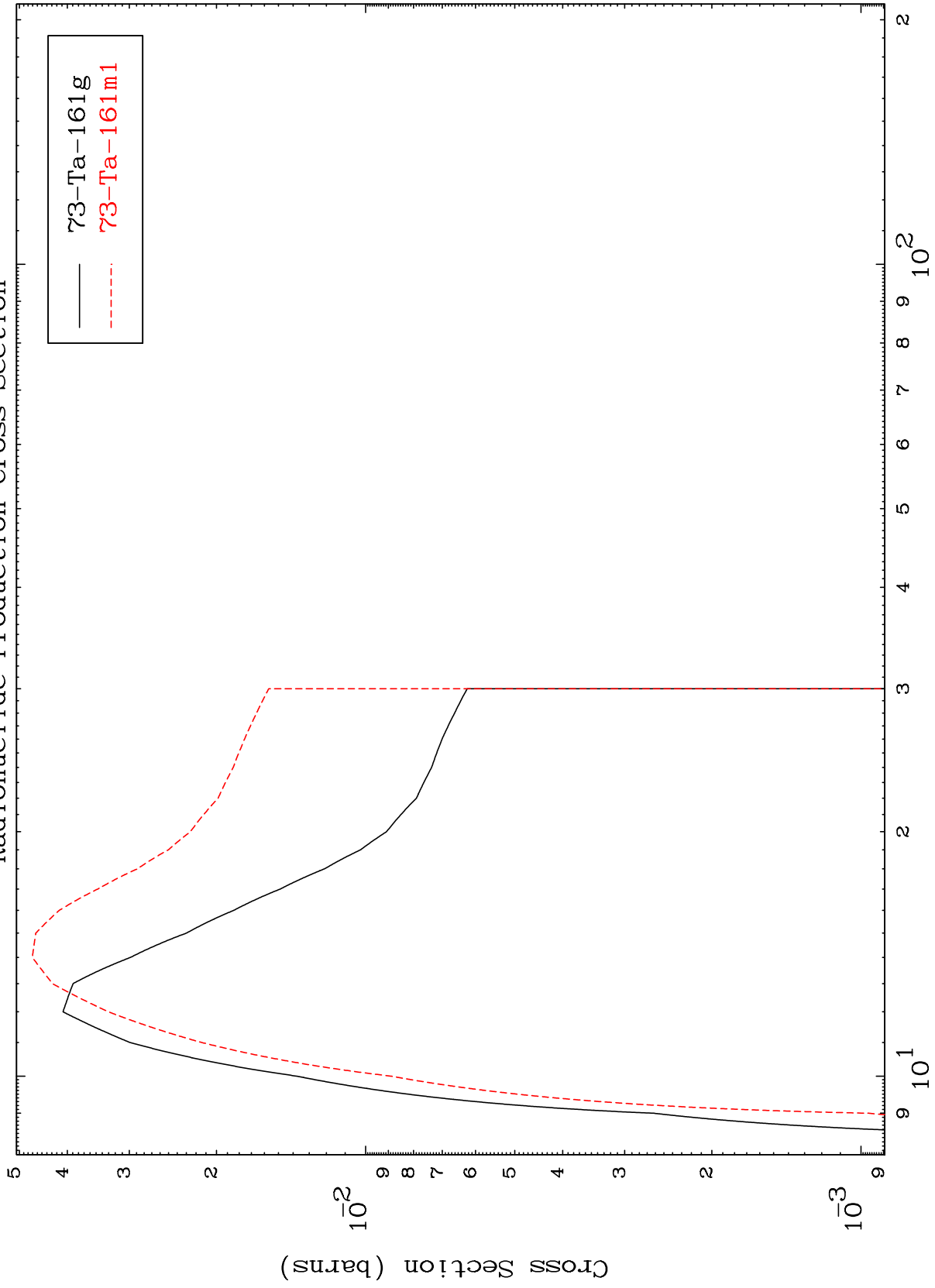
Incident Energy (MeV)

72-Hf-161

MAT 7186

Proton Inelastic
Radionuclide Production Cross Section

72-Hf-161



73-Ta-161g
73-Ta-161m1

13

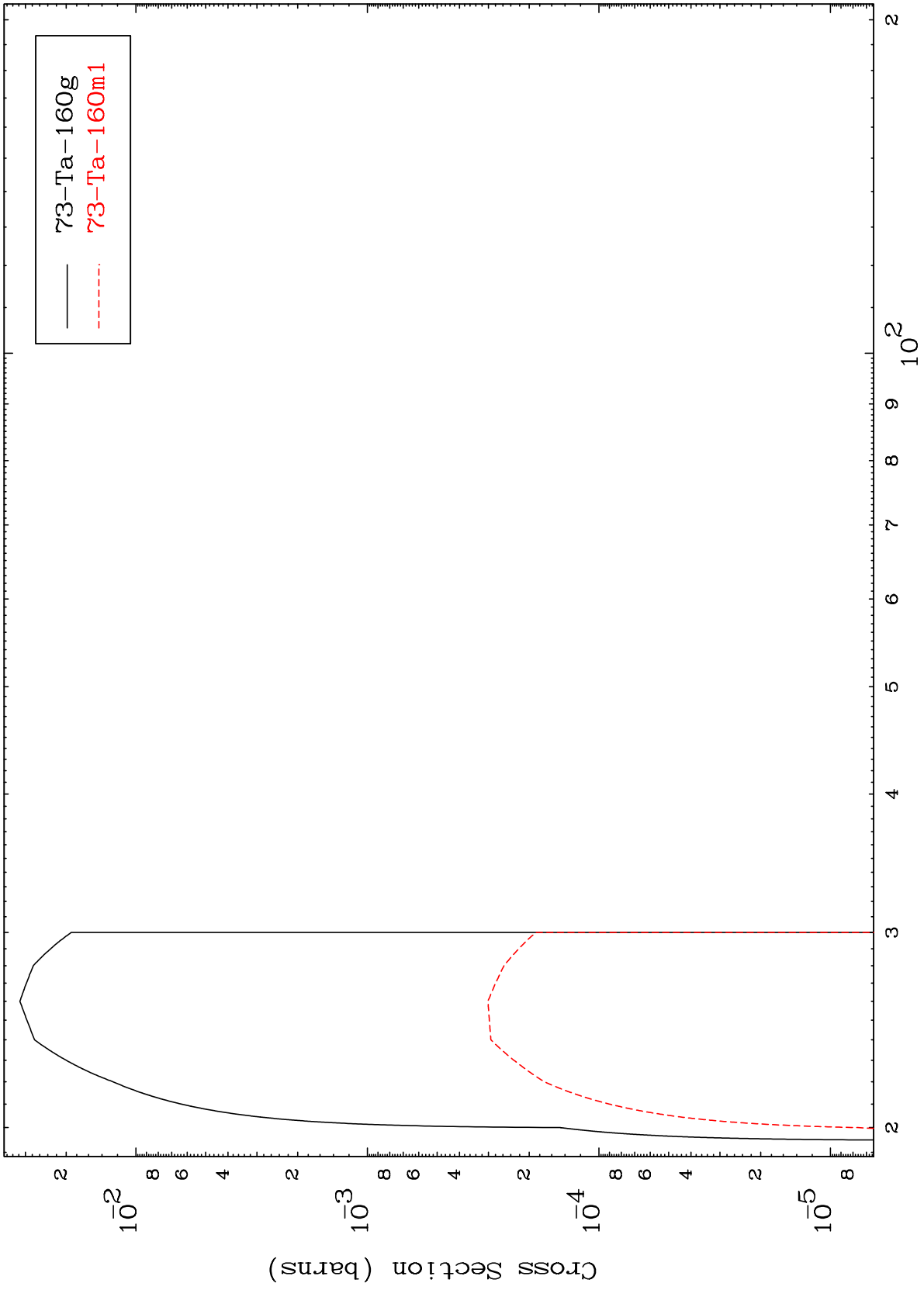
Incident Energy (MeV)

72-Hf-161

MAT 7186

72-Hf-161

(p,2n)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

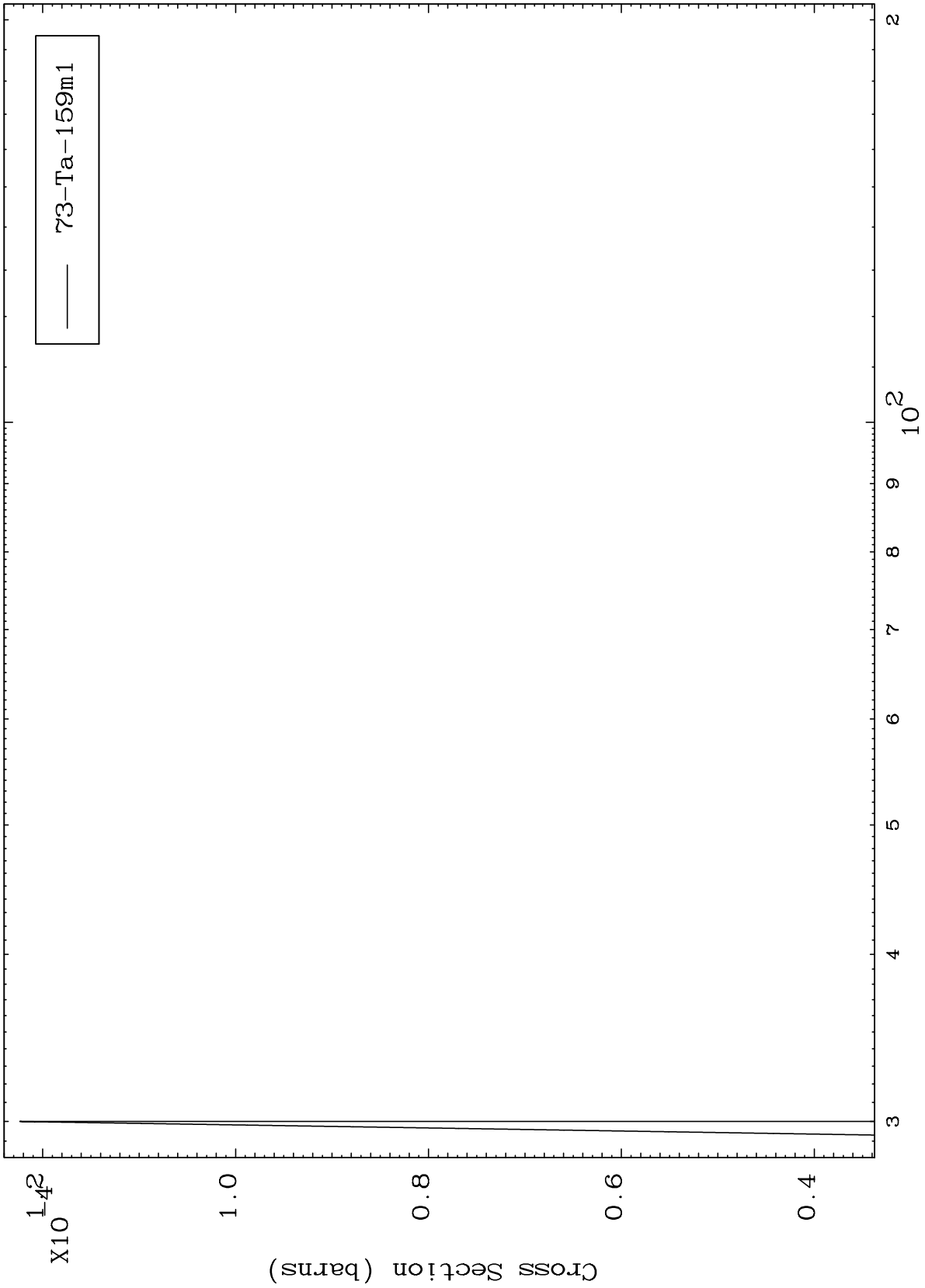
72-Hf-161

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(p,3n)

72-Hf-161

Radionuclide Production Cross Section



15

Incident Energy (MeV)

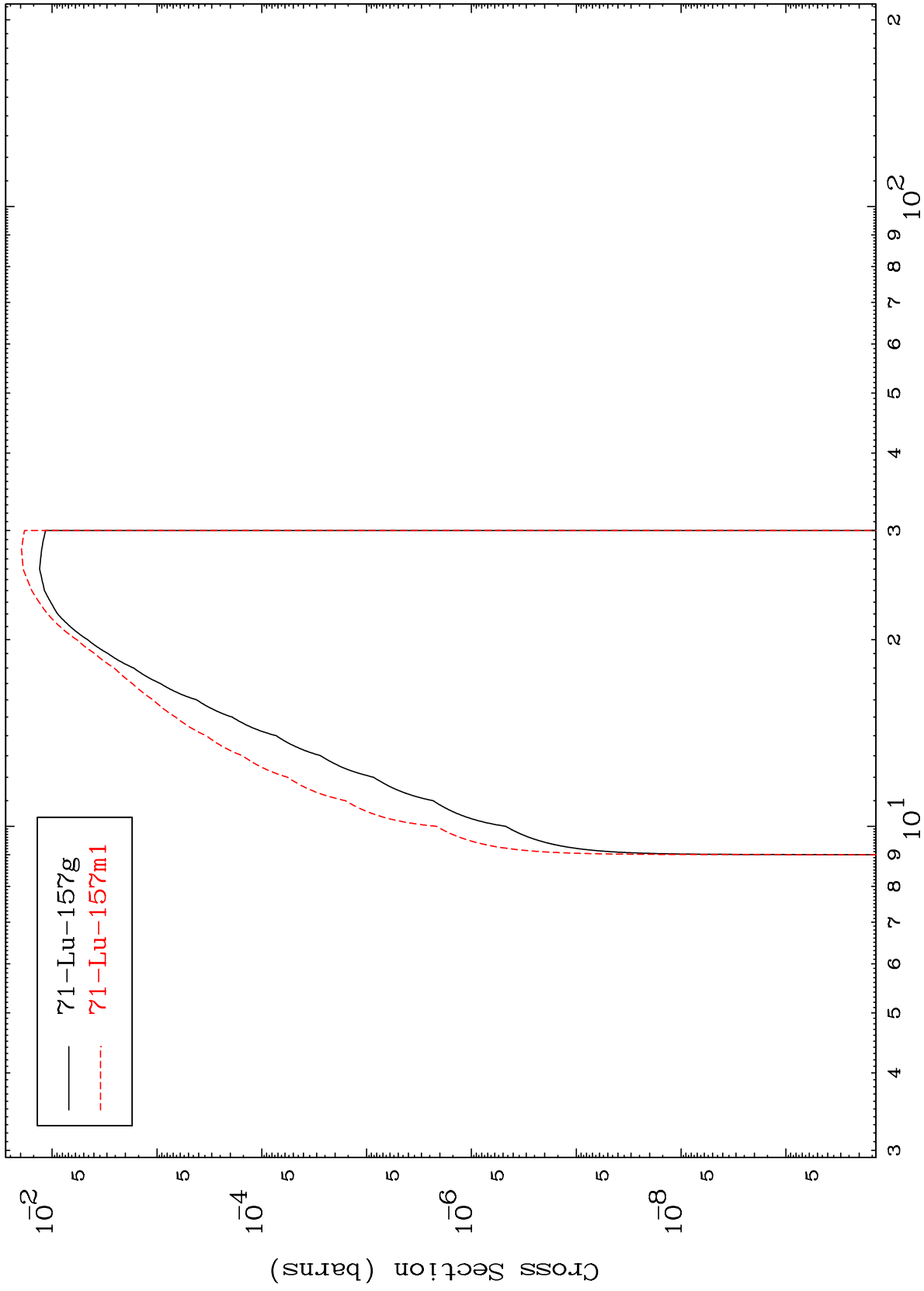
72-Hf-161

MAT 7186

(p,n') α

72-Hf-161

Radionuclide Production Cross Section



16

Incident Energy (MeV)

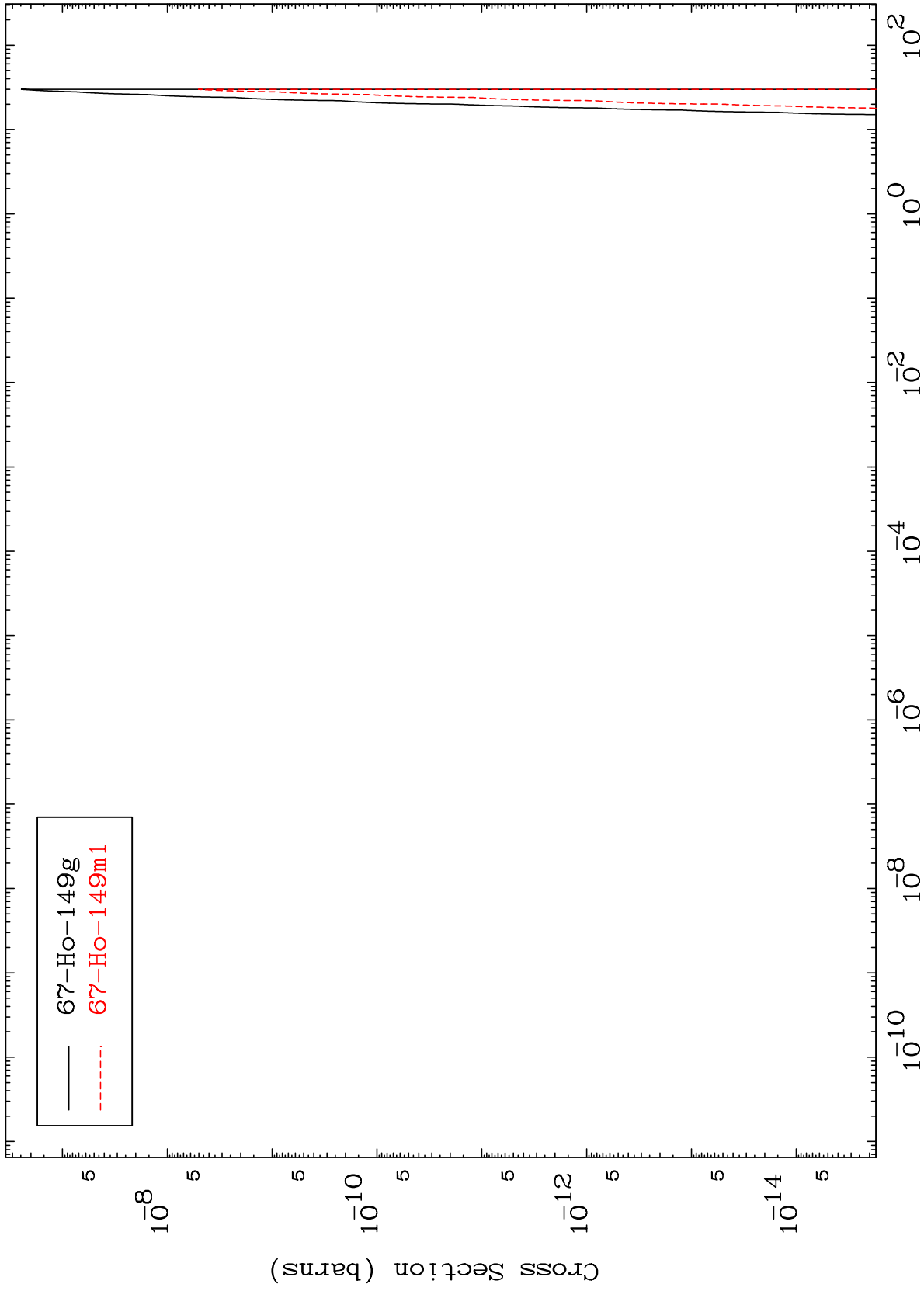
72-Hf-161

MAT 7186

(p,n') 3 α

72-Hf-161

Radionuclide Production Cross Section



17

Incident Energy (MeV)

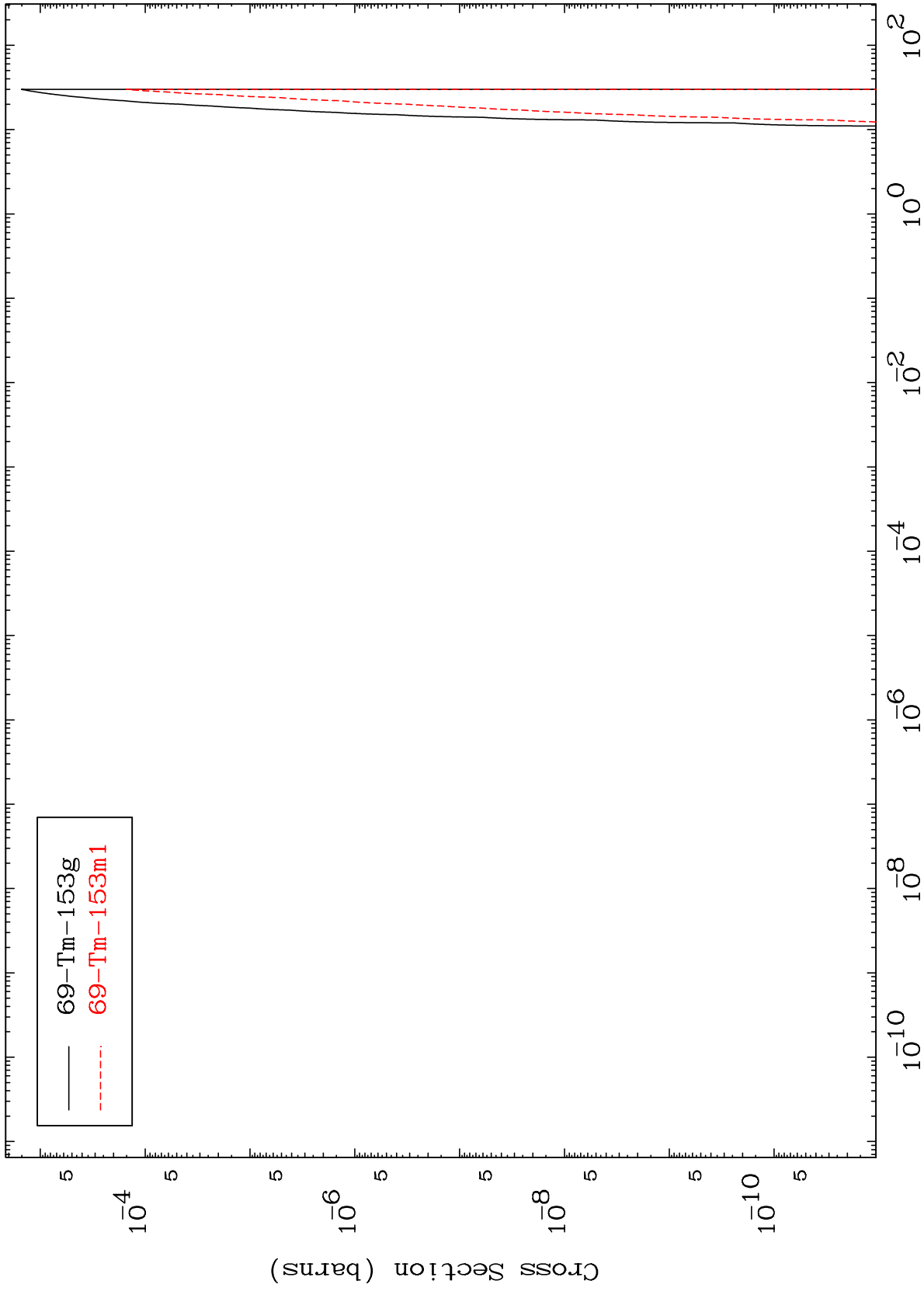
72-Hf-161

MAT 7186

(p,n') 2 α

72-Hf-161

Radionuclide Production Cross Section



18

Incident Energy (MeV)

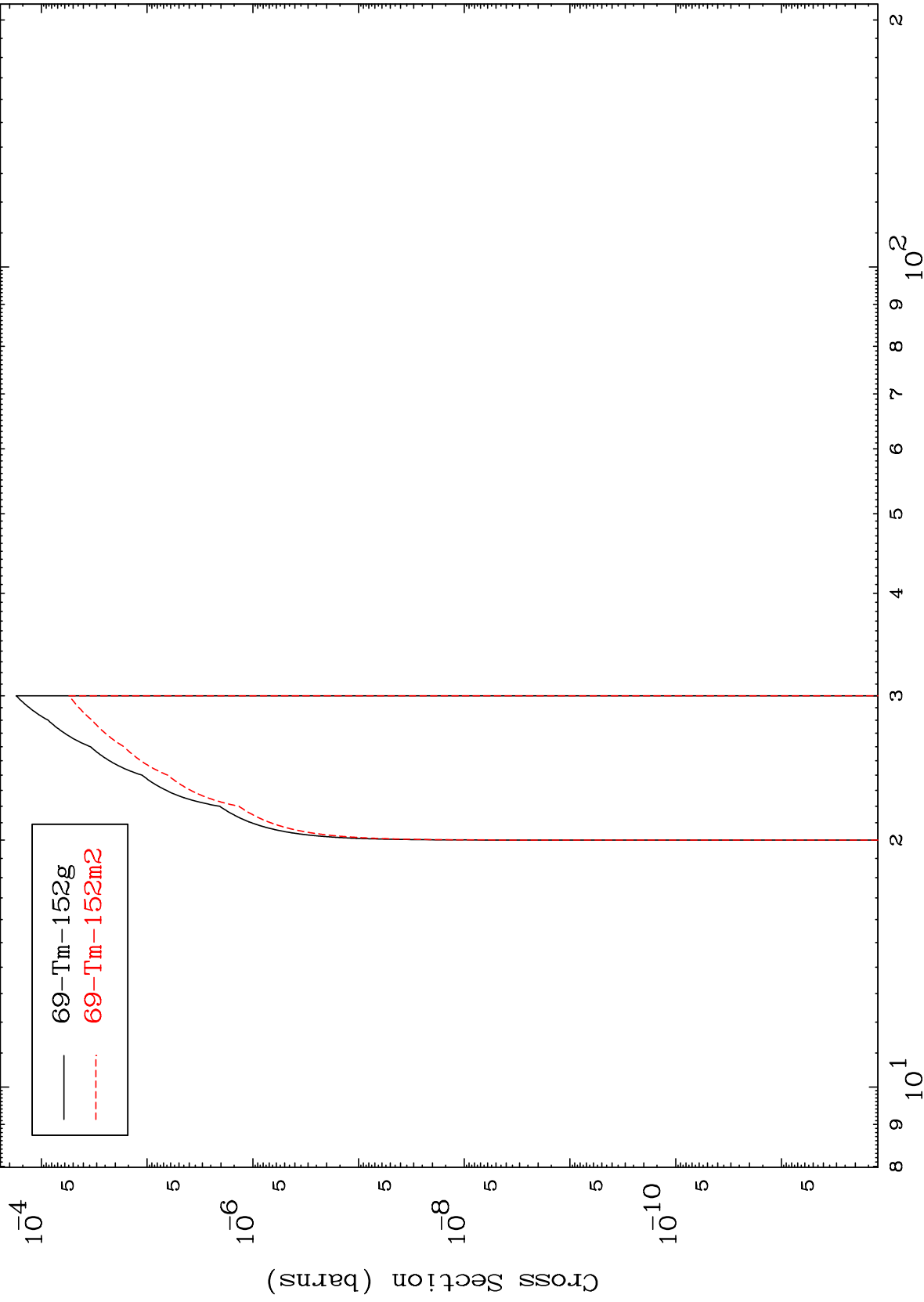
72-Hf-161

MAT 7186

(p,2n) 2α

72-Hf-161

Radionuclide Production Cross Section



69-Tm-152g
69-Tm-152m2

19

Incident Energy (MeV)

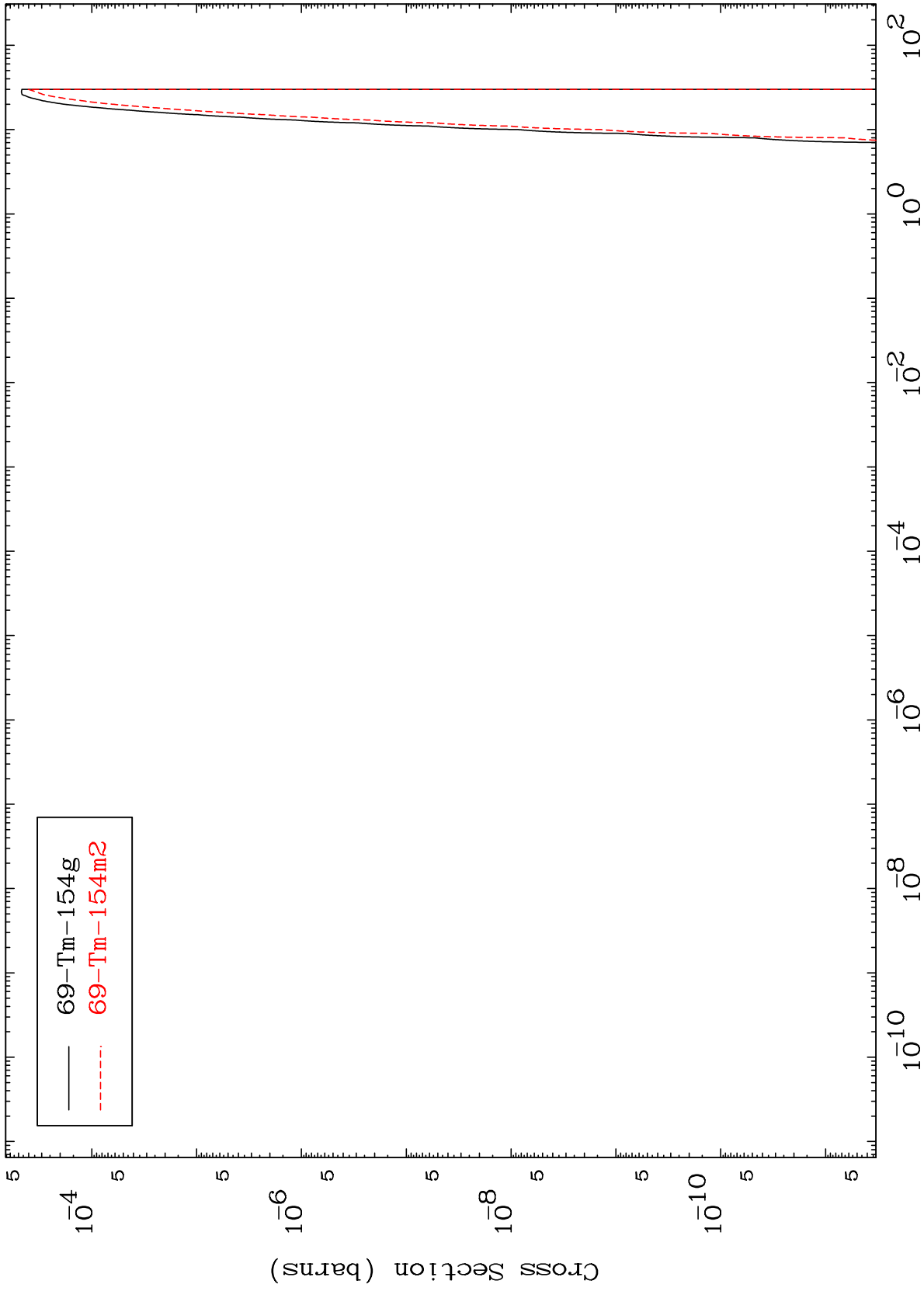
72-Hf-161

MAT 7186

(p,2α)

72-Hf-161

Radionuclide Production Cross Section

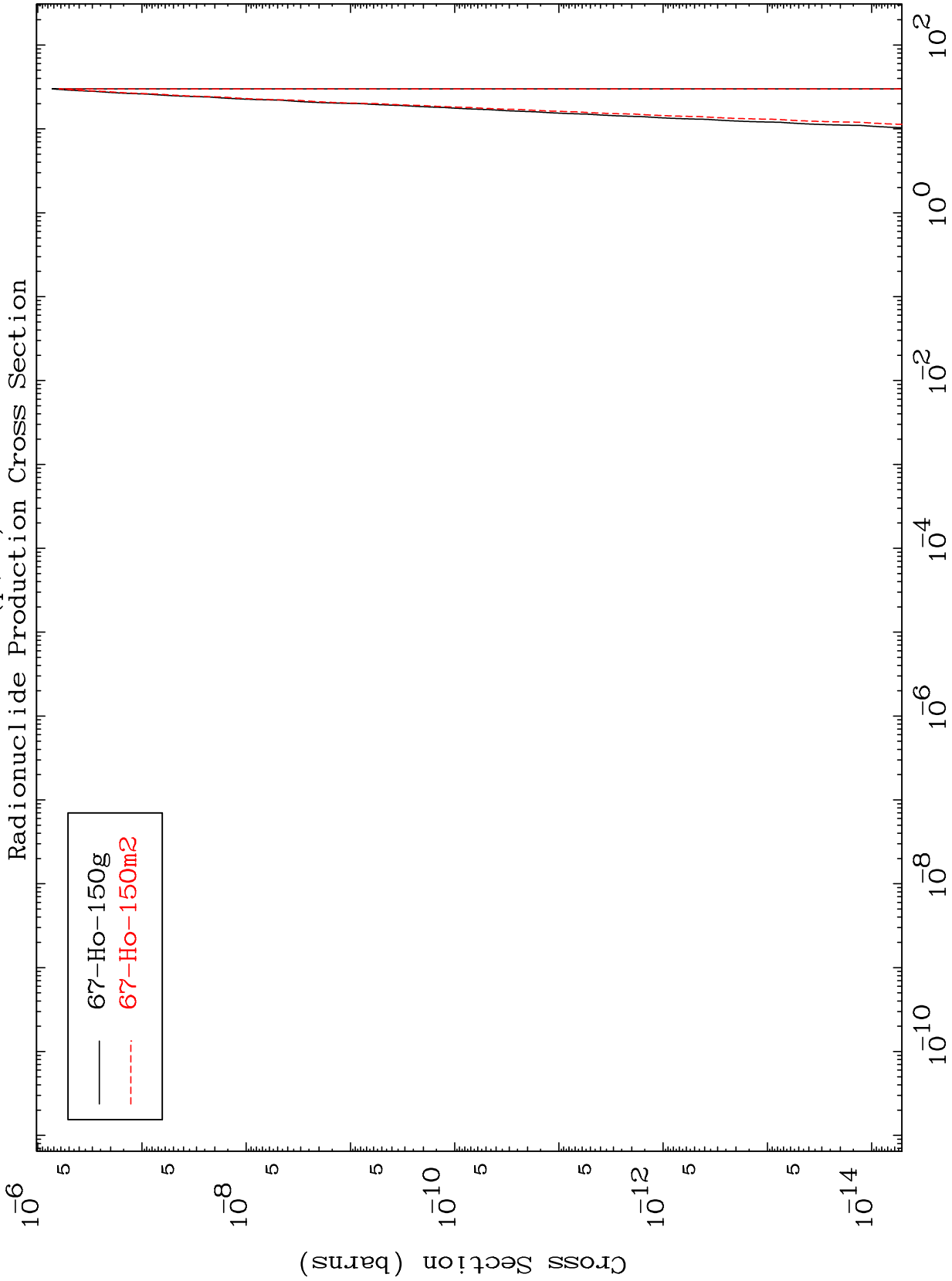


MAT 7186

(p,3 α)

72-Hf-161

Radionuclide Production Cross Section



21

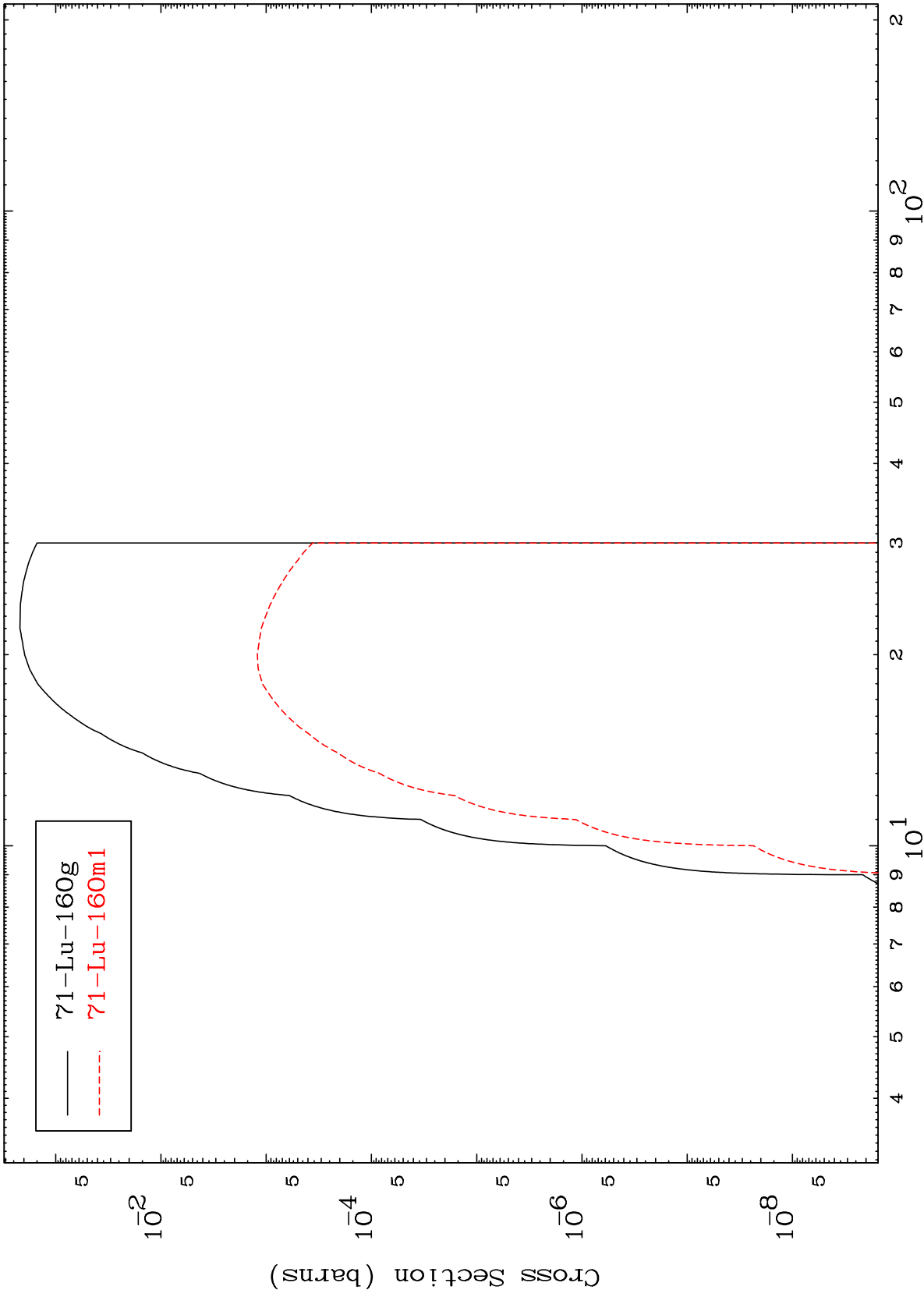
Incident Energy (MeV)

72-Hf-161

MAT 7186

Radionuclide Production Cross Section
(p,2p)

72-Hf-161



22

Incident Energy (MeV)

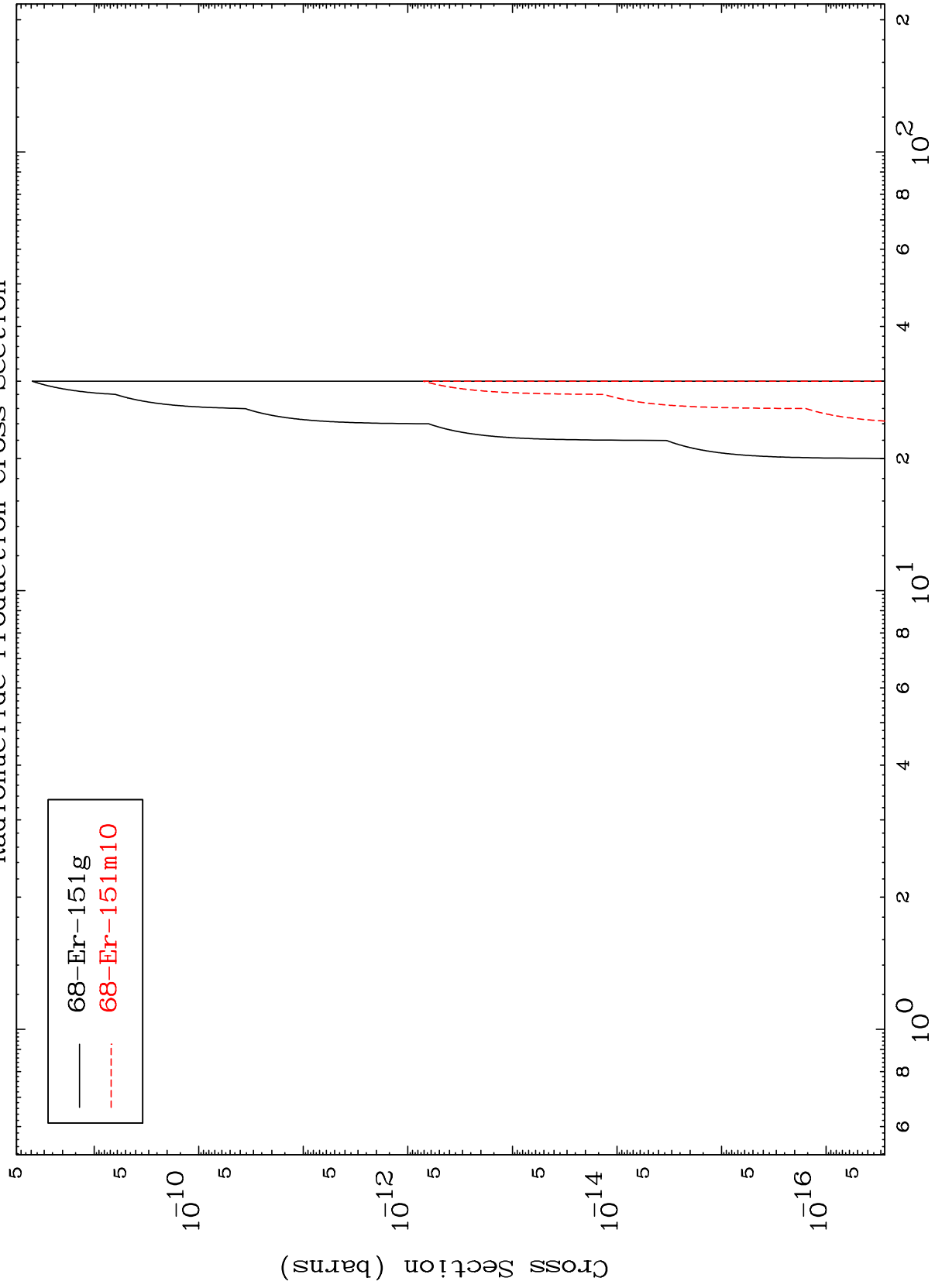
72-Hf-161

MAT 7186

(p,t) 2α

72-Hf-161

Radionuclide Production Cross Section



23

Incident Energy (MeV)

72-Hf-161