

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

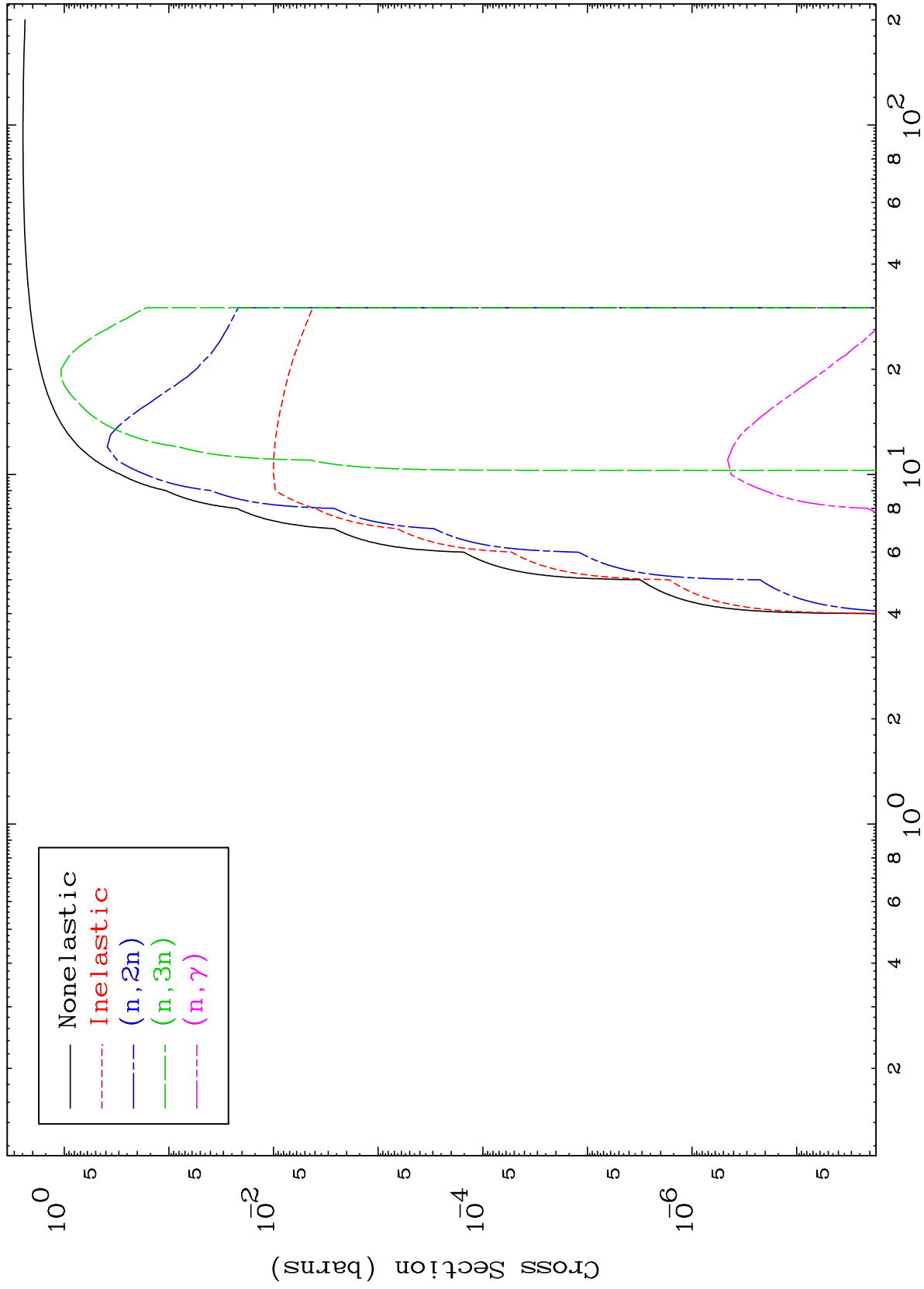
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7243

Triton Major
0 Kelvin Cross Sections

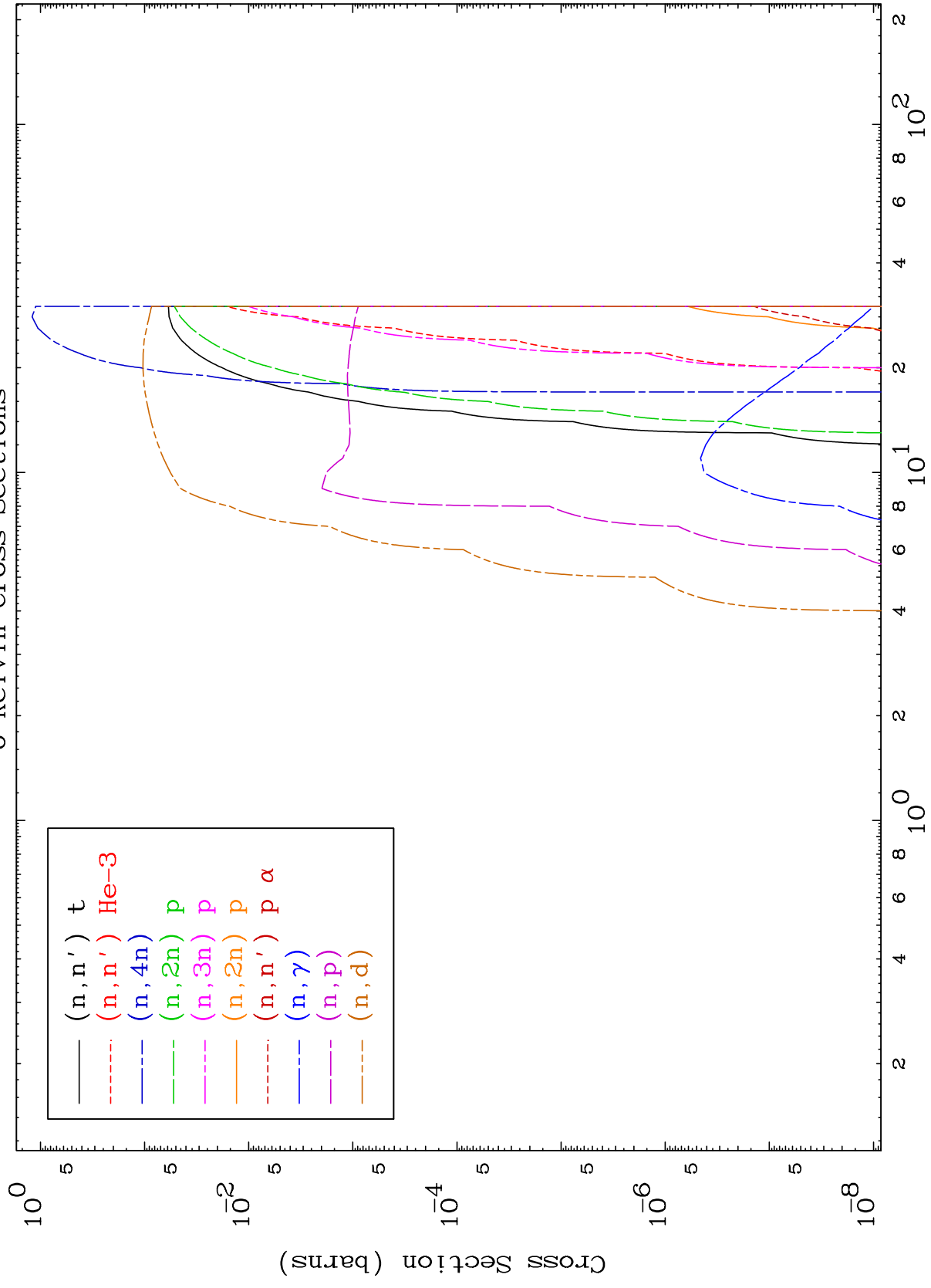
72-Hf-180



MAT 7243

Triton Neutron Absorption
0 Kelvin Cross Sections

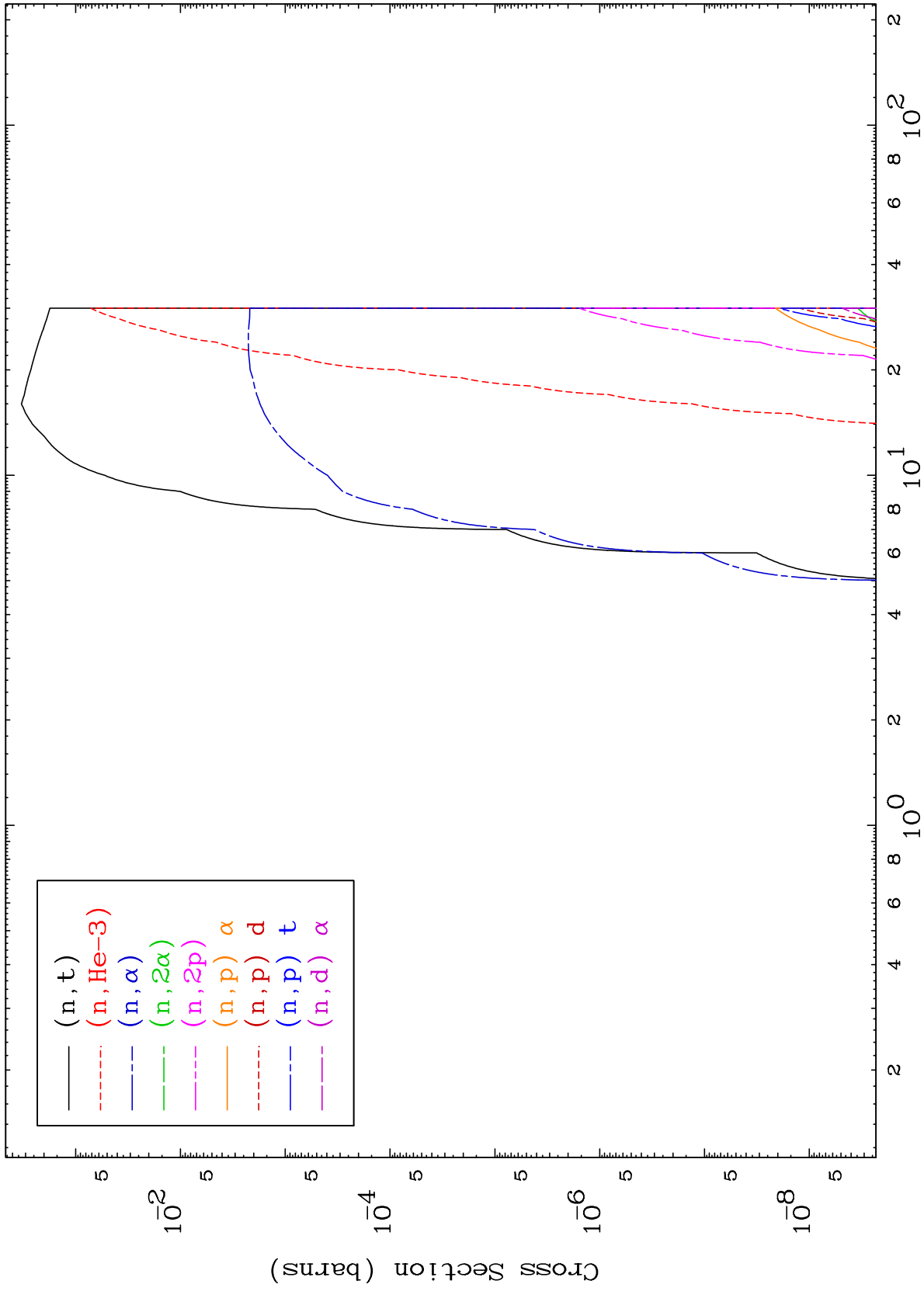
72-Hf-180



MAT 7243

Triton Neutron Absorption
0 Kelvin Cross Sections

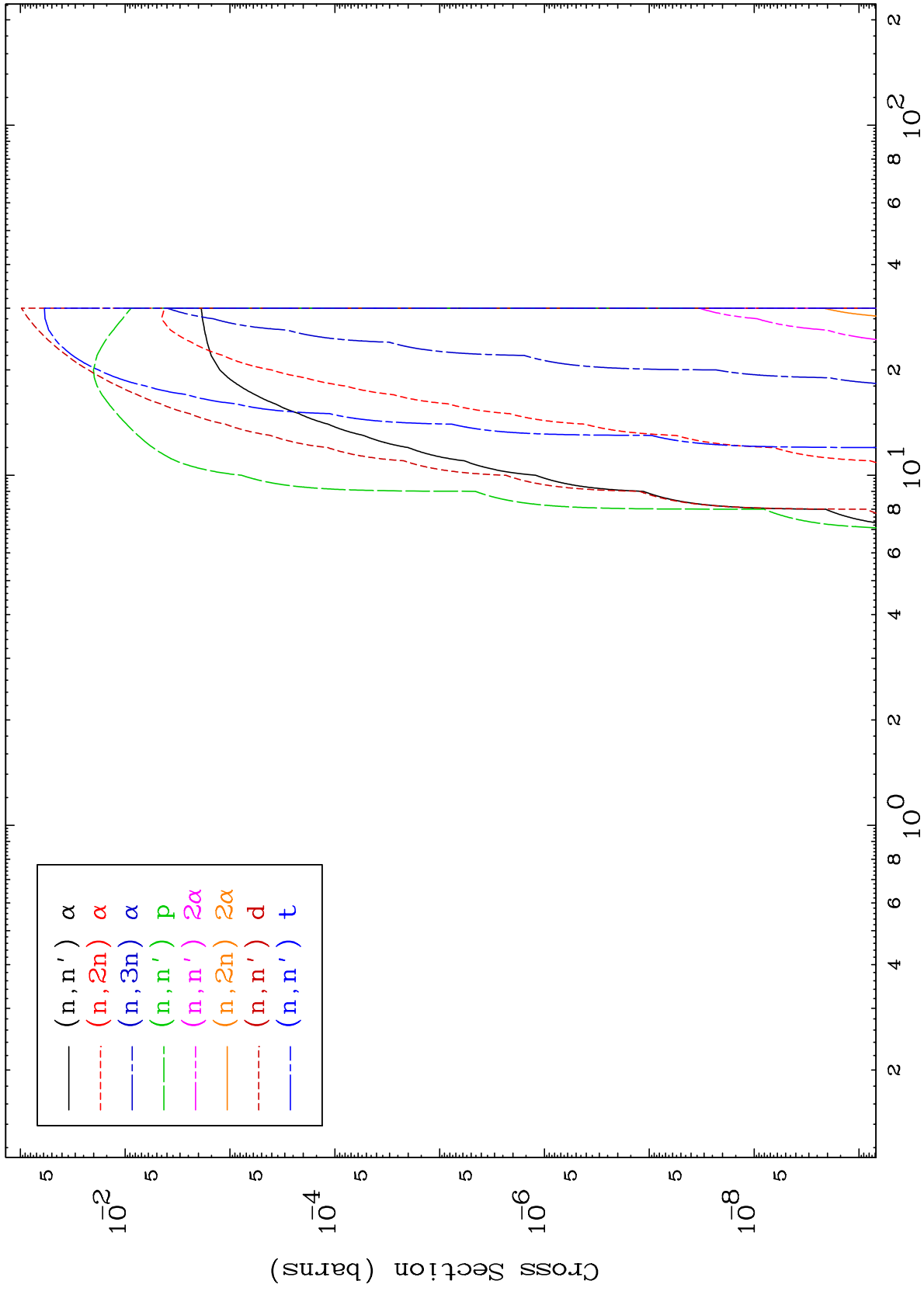
72-Hf-180



MAT 7243

Triton Charged Particle
0 Kelvin Cross Sections

72-Hf-180



5

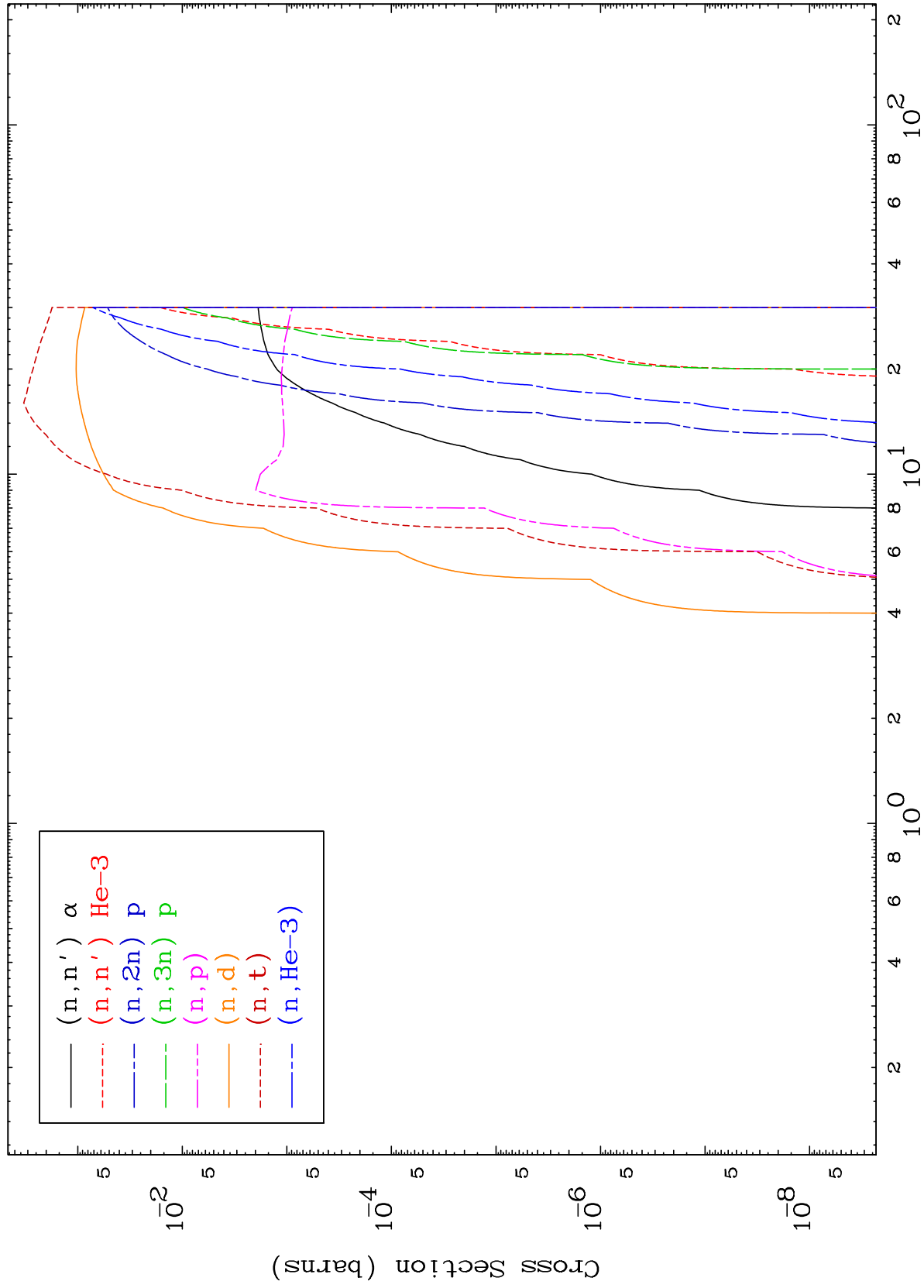
Incident Energy (MeV)

72-Hf-180

MAT 7243

Triton Charged Particle
0 Kelvin Cross Sections

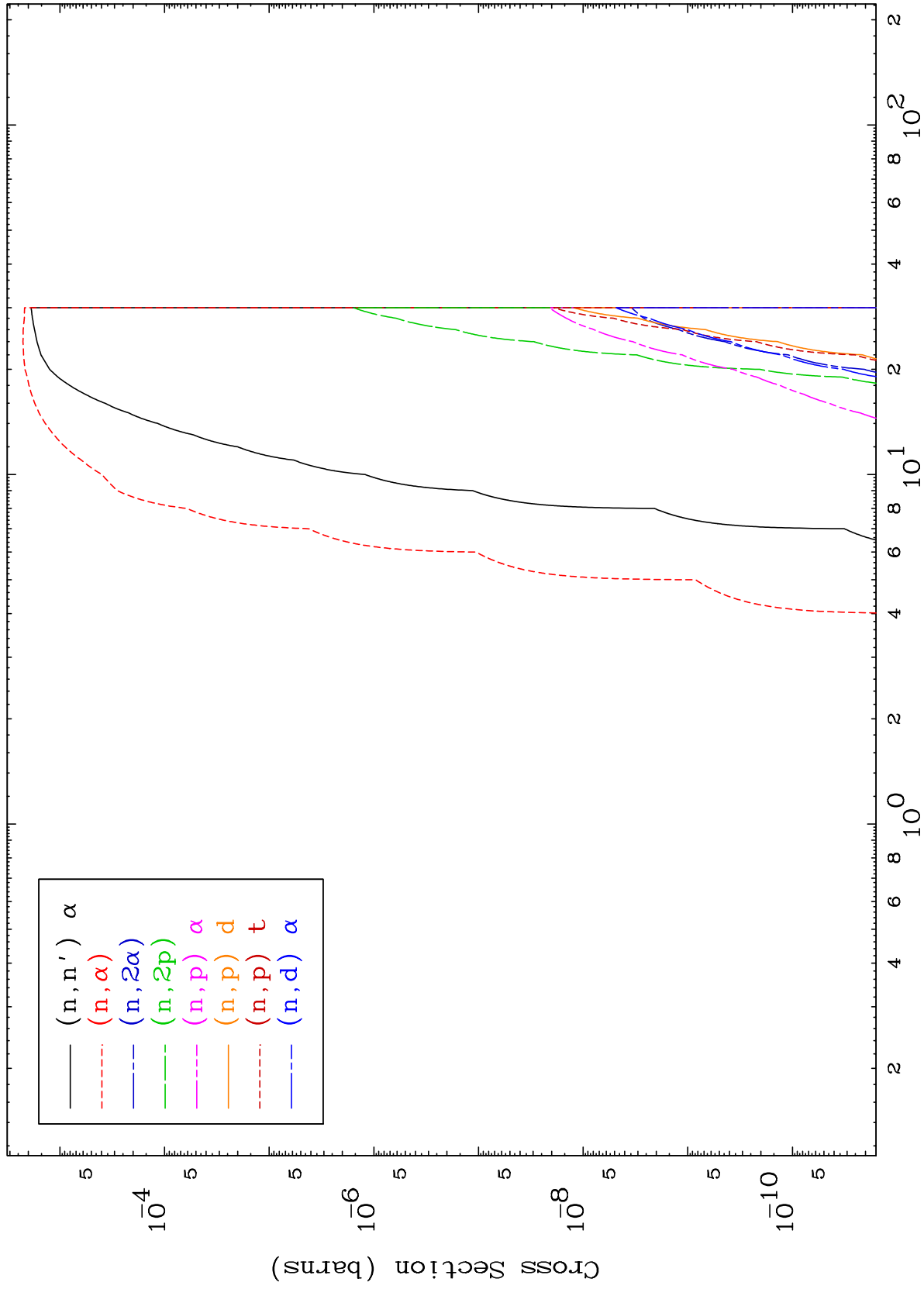
72-Hf-180



MAT 7243

Triton Charged Particle
0 Kelvin Cross Sections

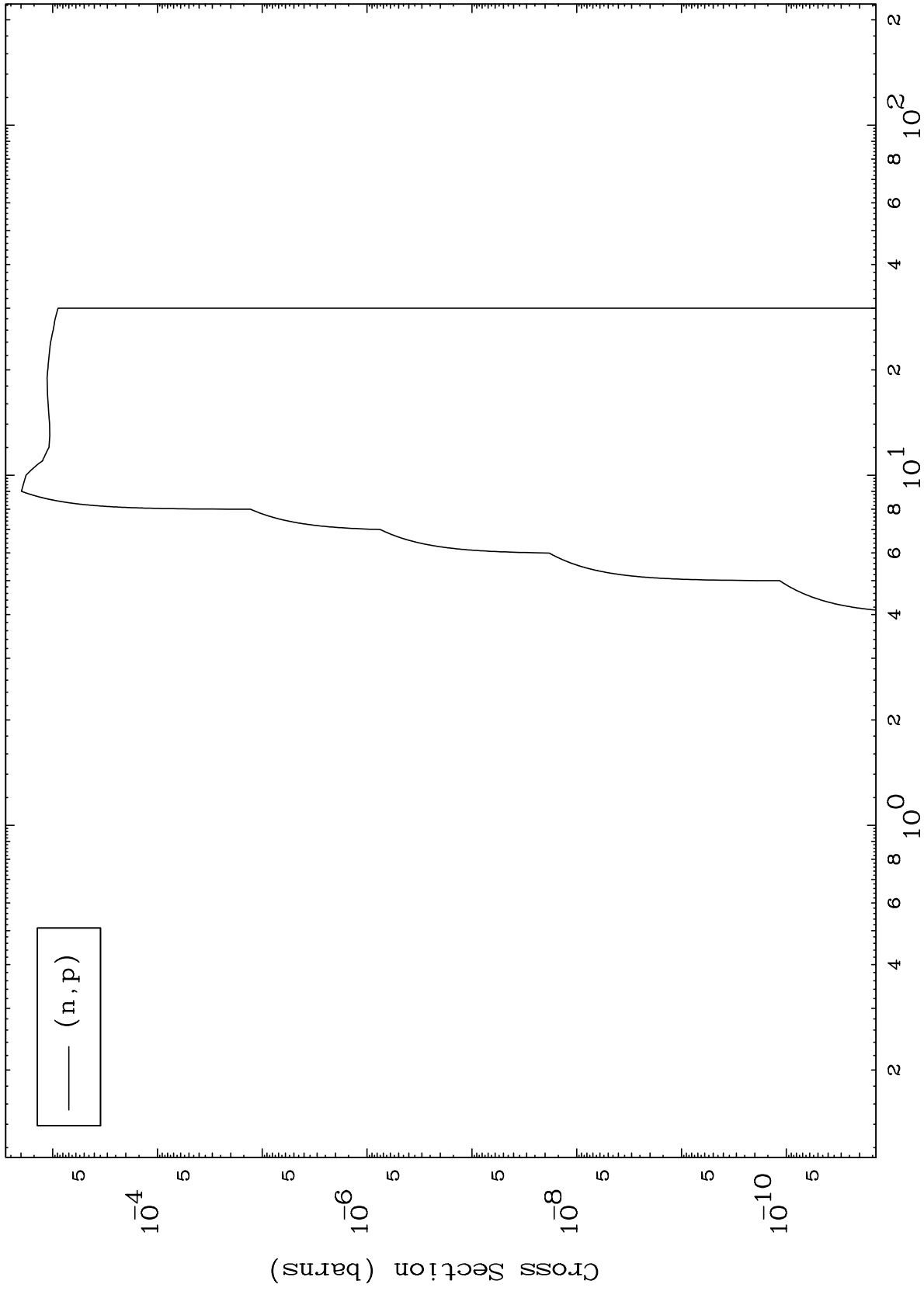
72-Hf-180



MAT 7243

(t,p) Levels
0 Kelvin Cross Sections

72-Hf-180



8

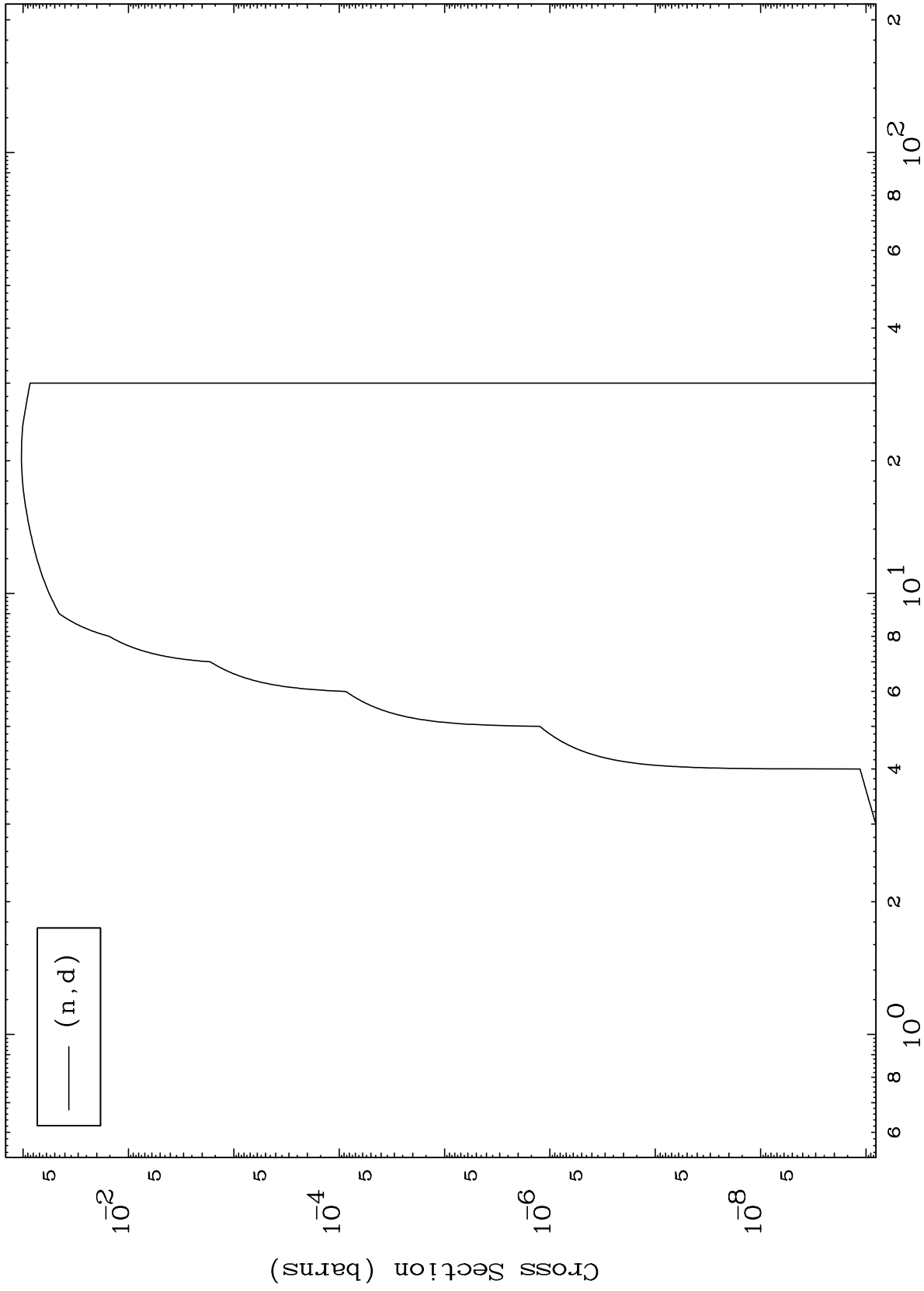
Incident Energy (MeV)

72-Hf-180

MAT 7243

(t,d) Levels
0 Kelvin Cross Sections

72-Hf-180



9

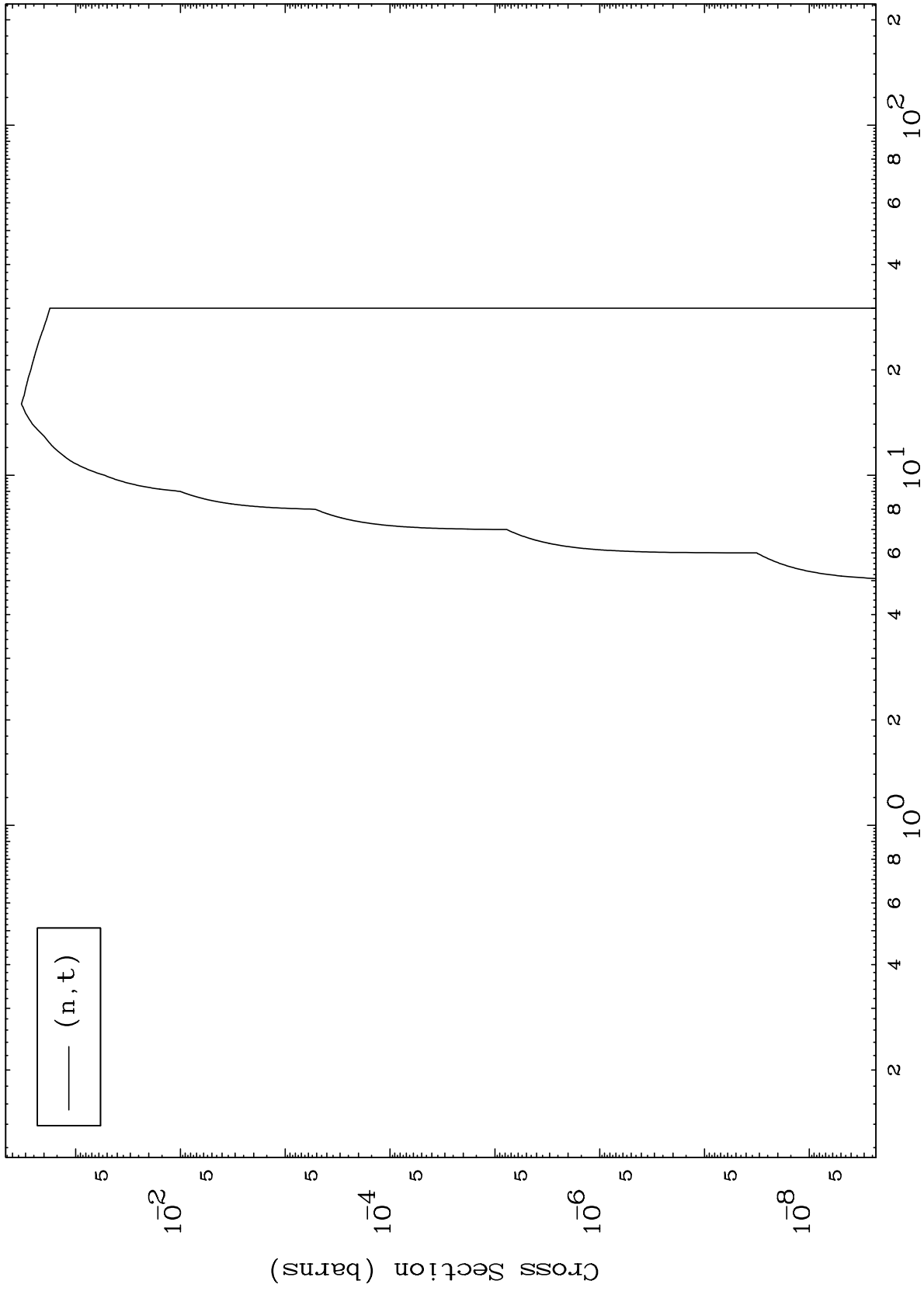
Incident Energy (MeV)

72-Hf-180

MAT 7243

(t,t) Levels
0 Kelvin Cross Sections

72-Hf-180



10

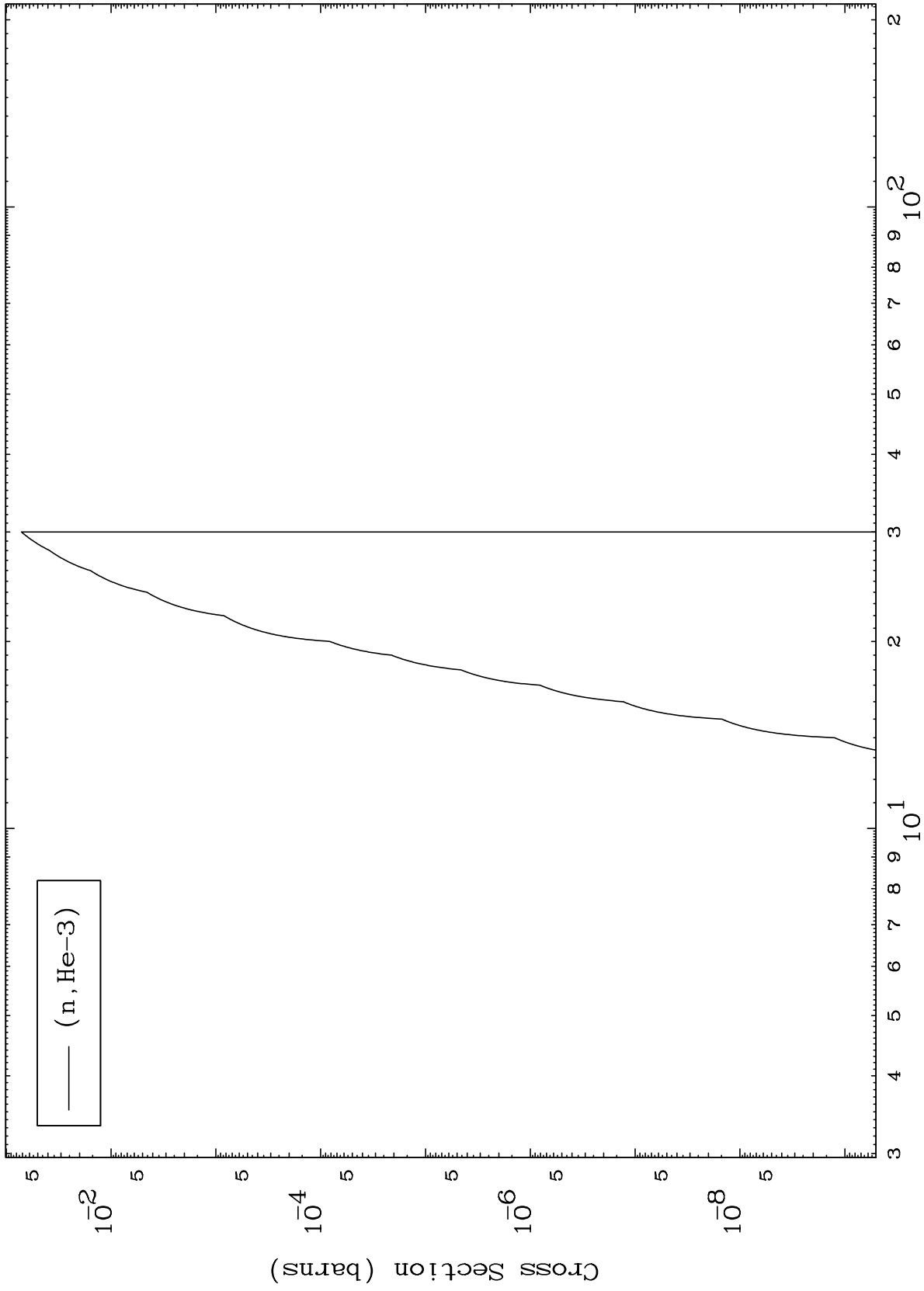
Incident Energy (MeV)

72-Hf-180

MAT 7243

(t,He3) Levels
0 Kelvin Cross Sections

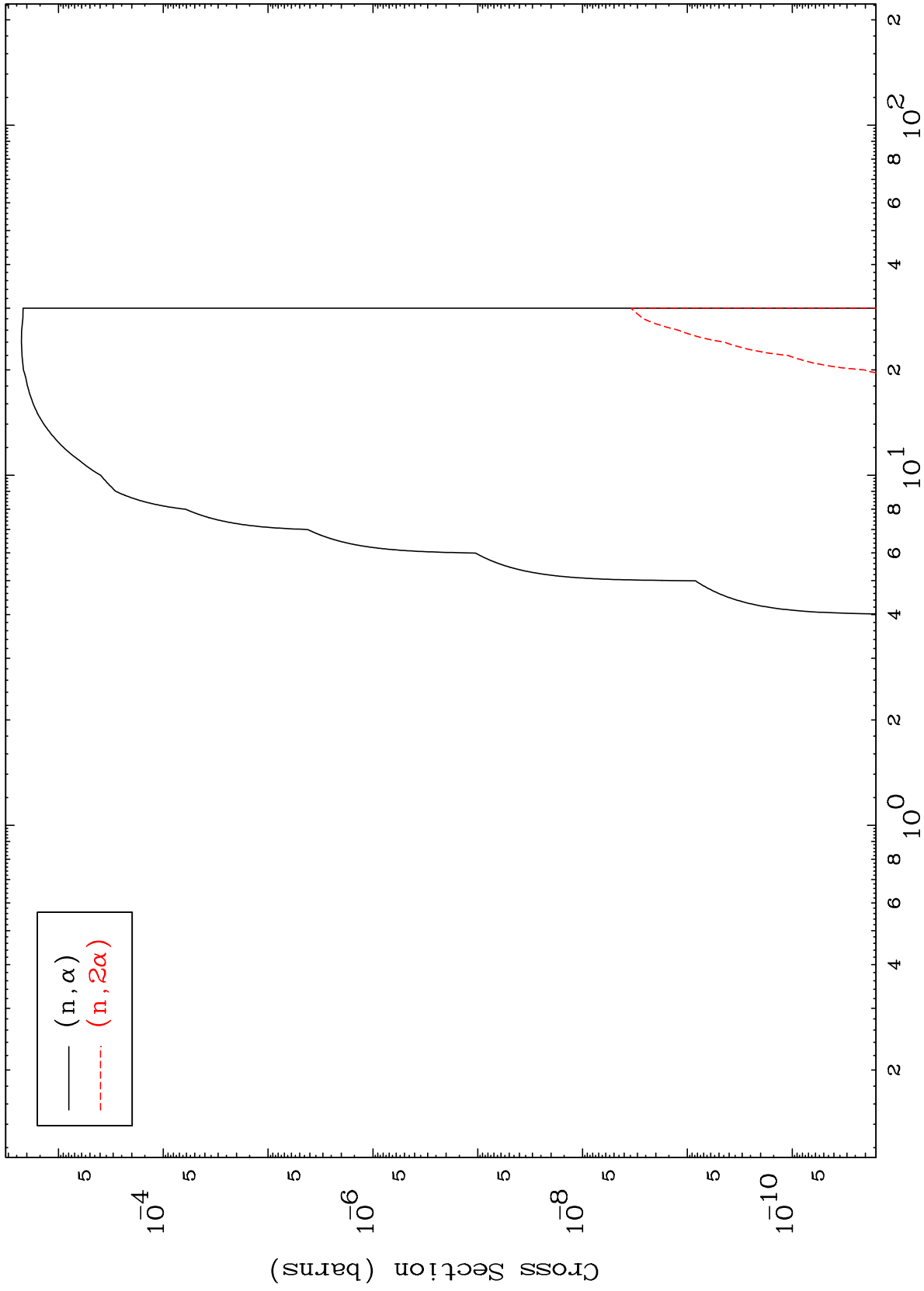
72-Hf-180



MAT 7243

0 Kelvin Cross Sections
(t, α) Levels

72-Hf-180



12

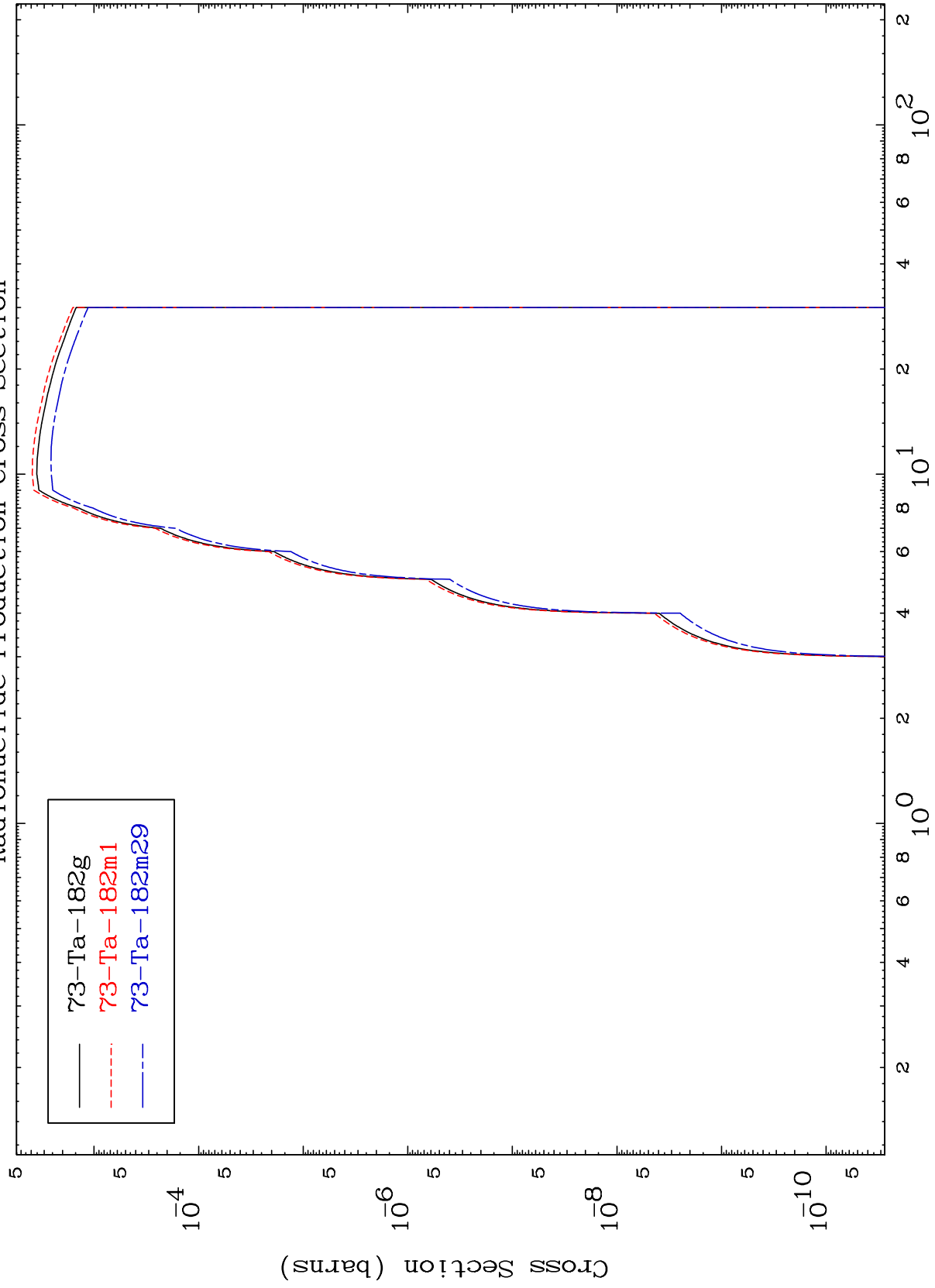
Incident Energy (MeV)

72-Hf-180

MAT 7243

72-Hf-180

Inelastic
Radionuclide Production Cross Section



13

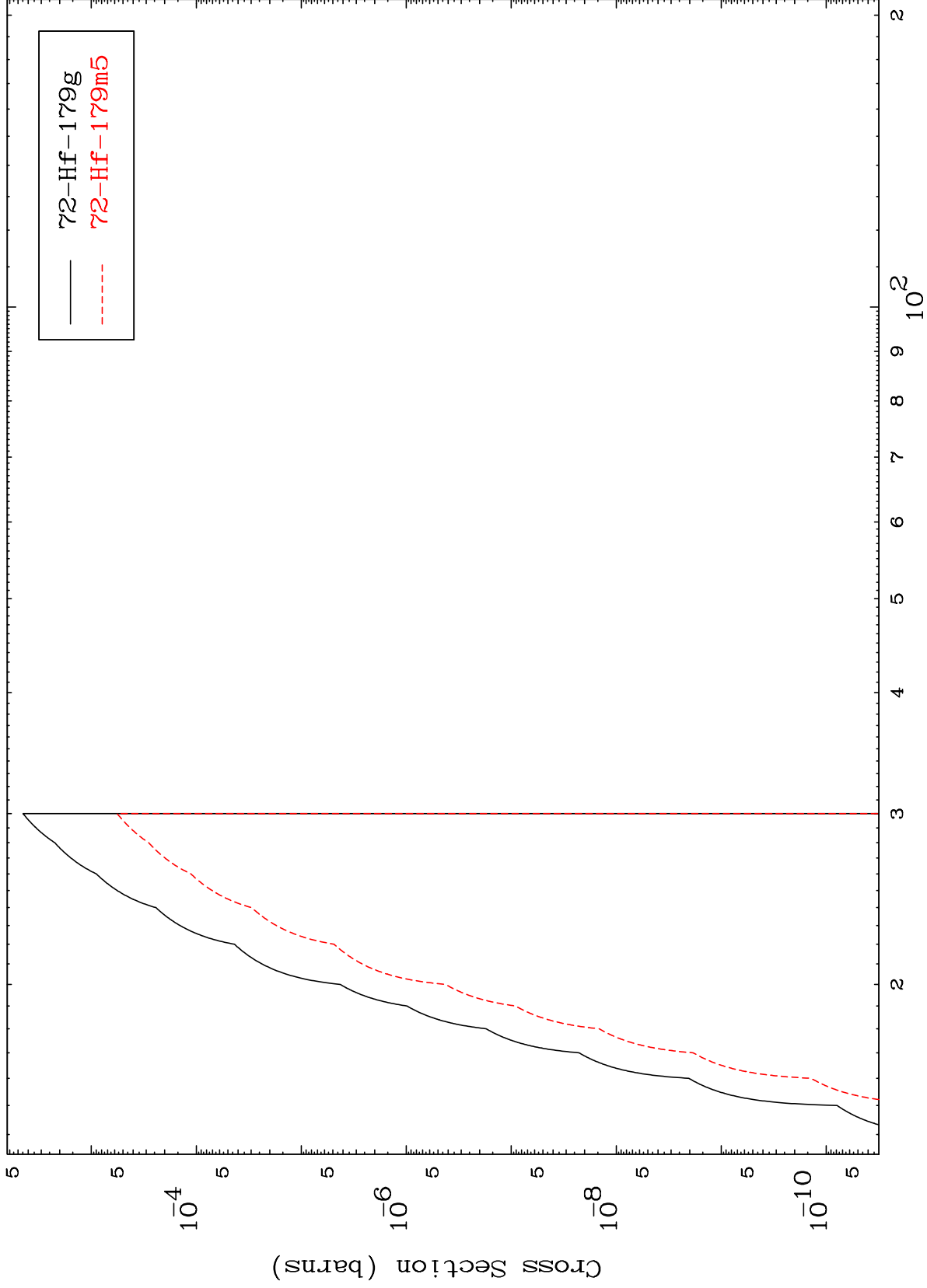
72-Hf-180

MAT 7243

(n,2n) d

72-Hf-180

Radionuclide Production Cross Section



14

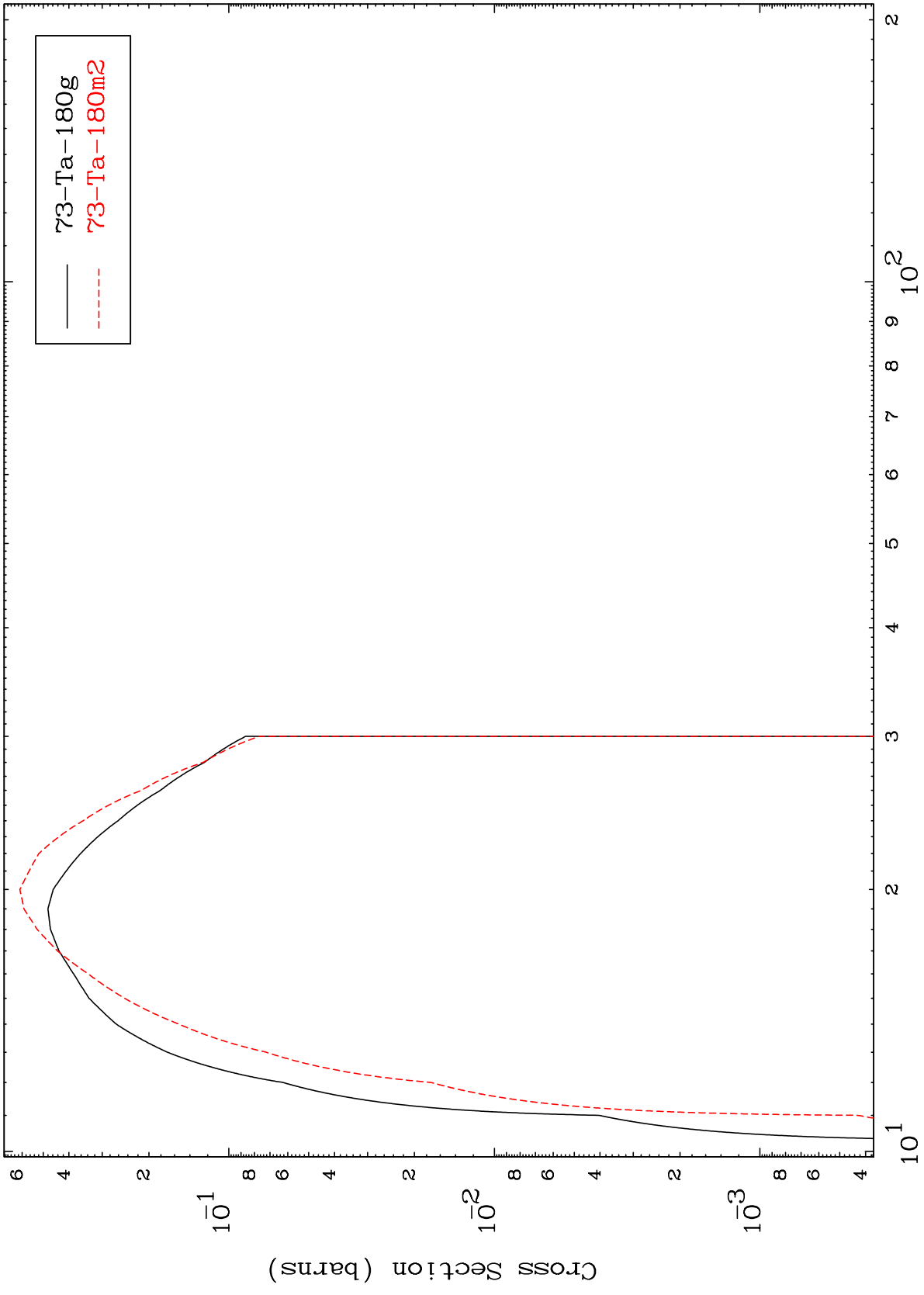
Incident Energy (MeV)

72-Hf-180

MAT 7243

72-Hf-180

(n,3n)
Radionuclide Production Cross Section



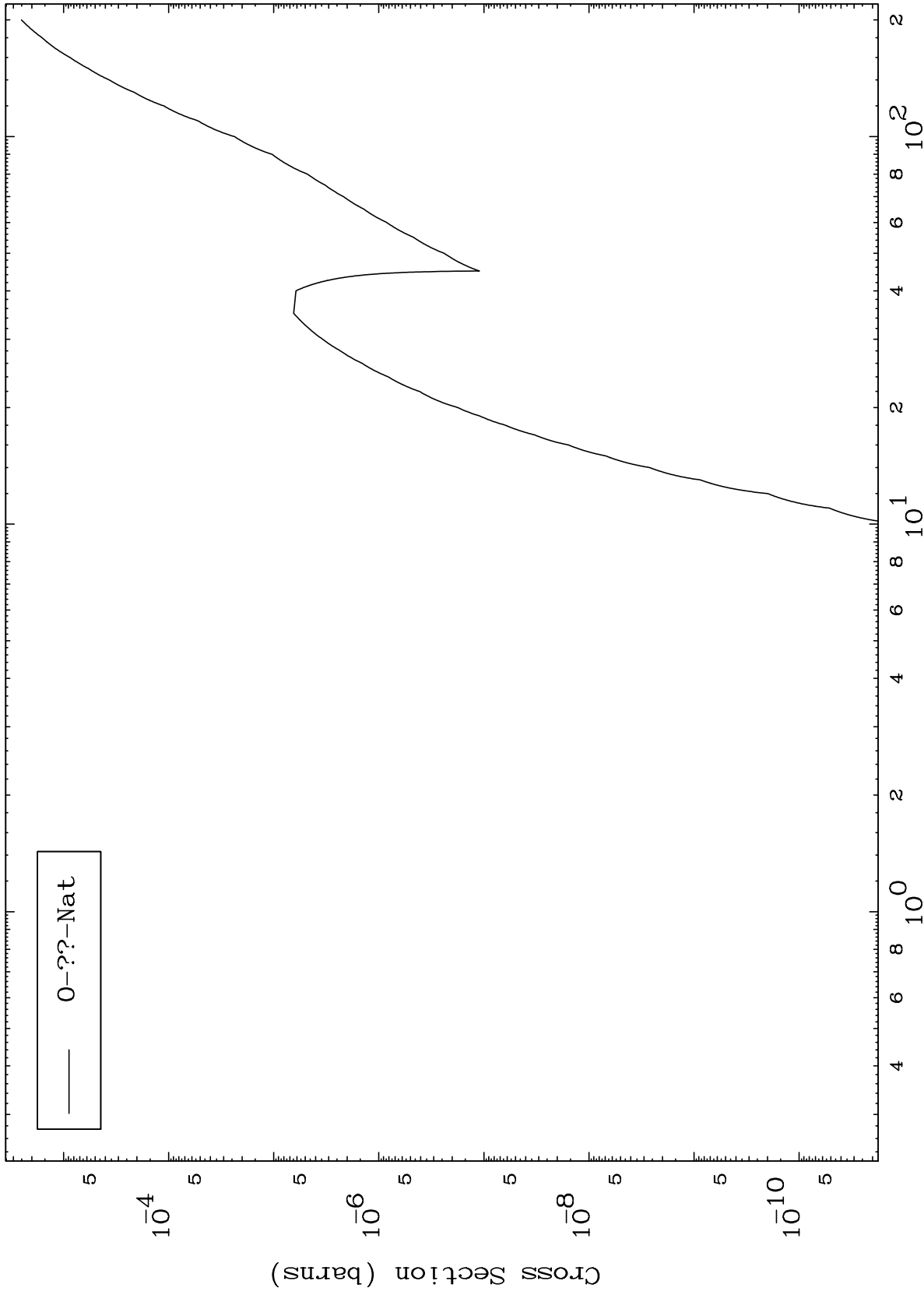
Incident Energy (MeV)

72-Hf-180

MAT 7243

Fission
Radionuclide Production Cross Section

72-Hf-180



16

Incident Energy (MeV)

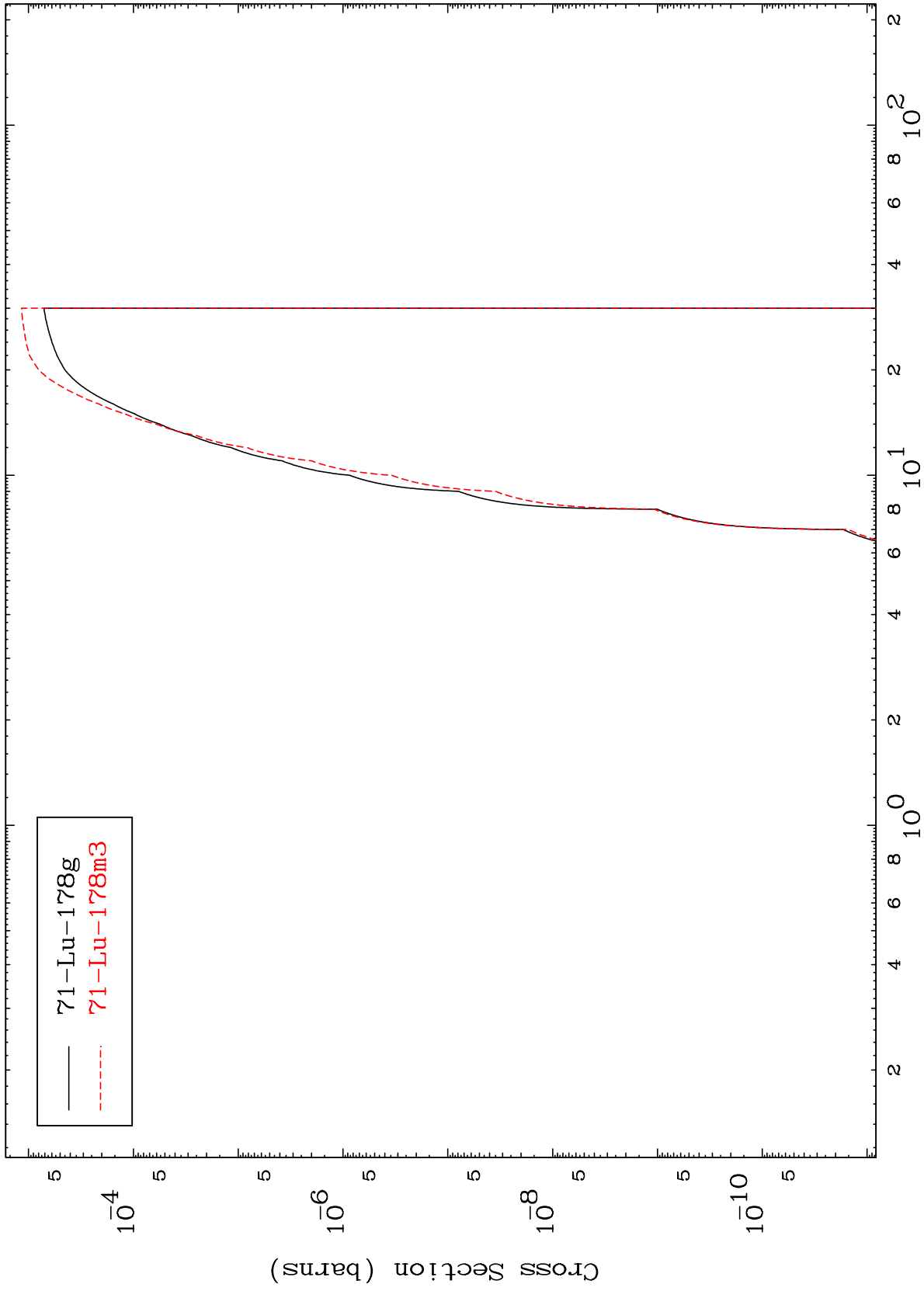
72-Hf-180

MAT 7243

(n,n') α

72-Hf-180

Radionuclide Production Cross Section



17

Incident Energy (MeV)

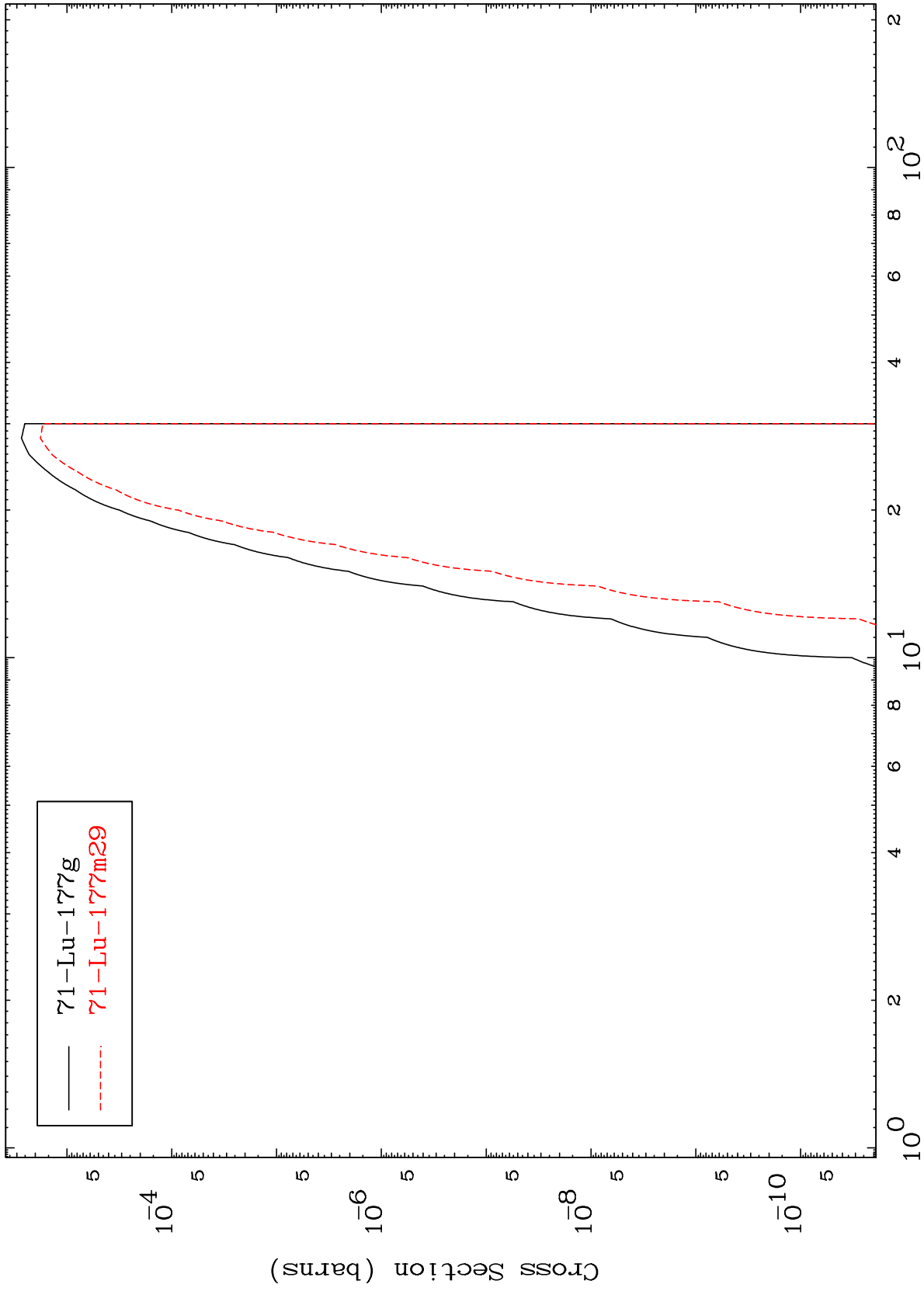
72-Hf-180

MAT 7243

(n,2n) α

72-Hf-180

Radionuclide Production Cross Section



18

Incident Energy (MeV)

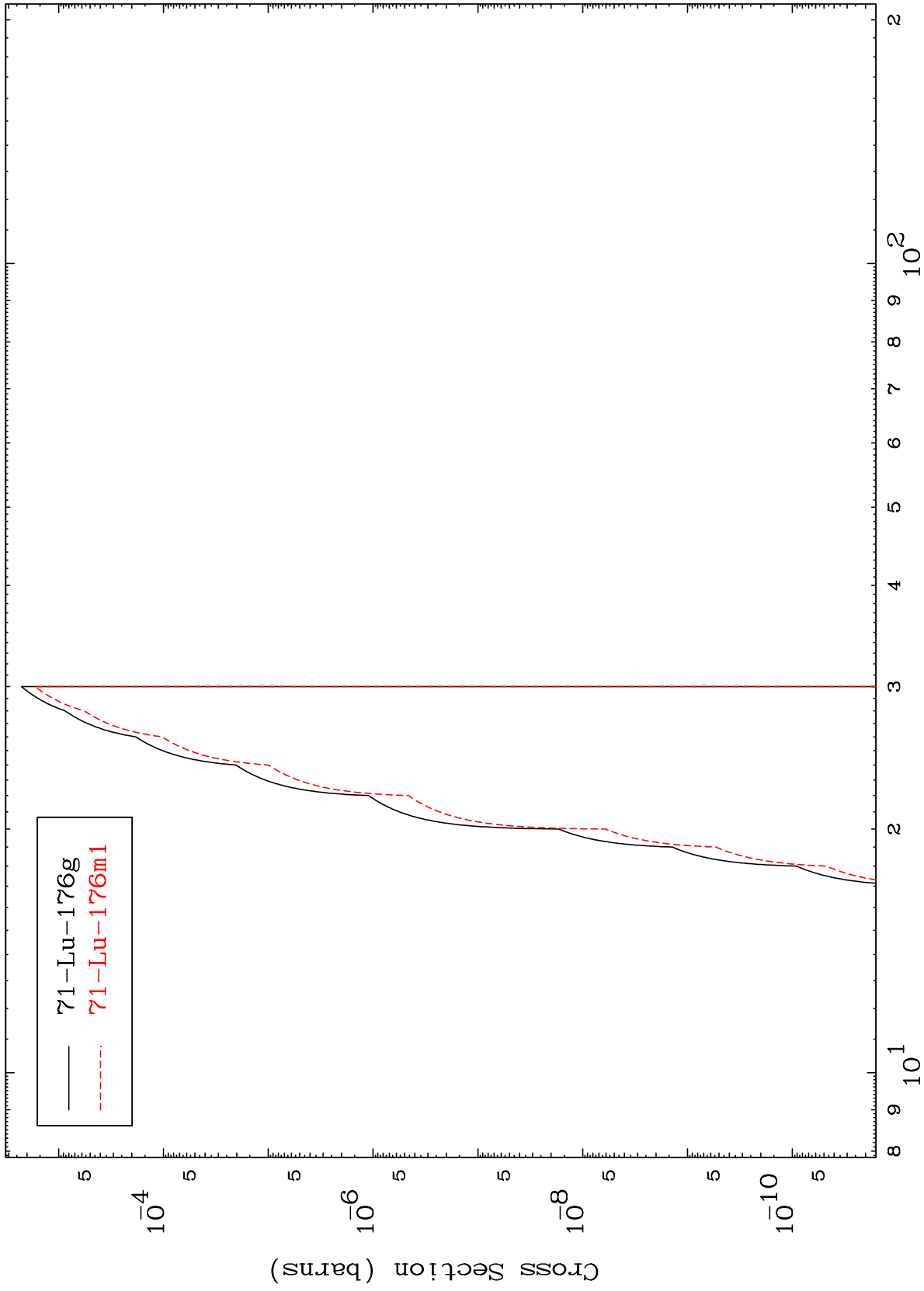
72-Hf-180

MAT 7243

(n,3n) α

72-Hf-180

Radionuclide Production Cross Section



19

Incident Energy (MeV)

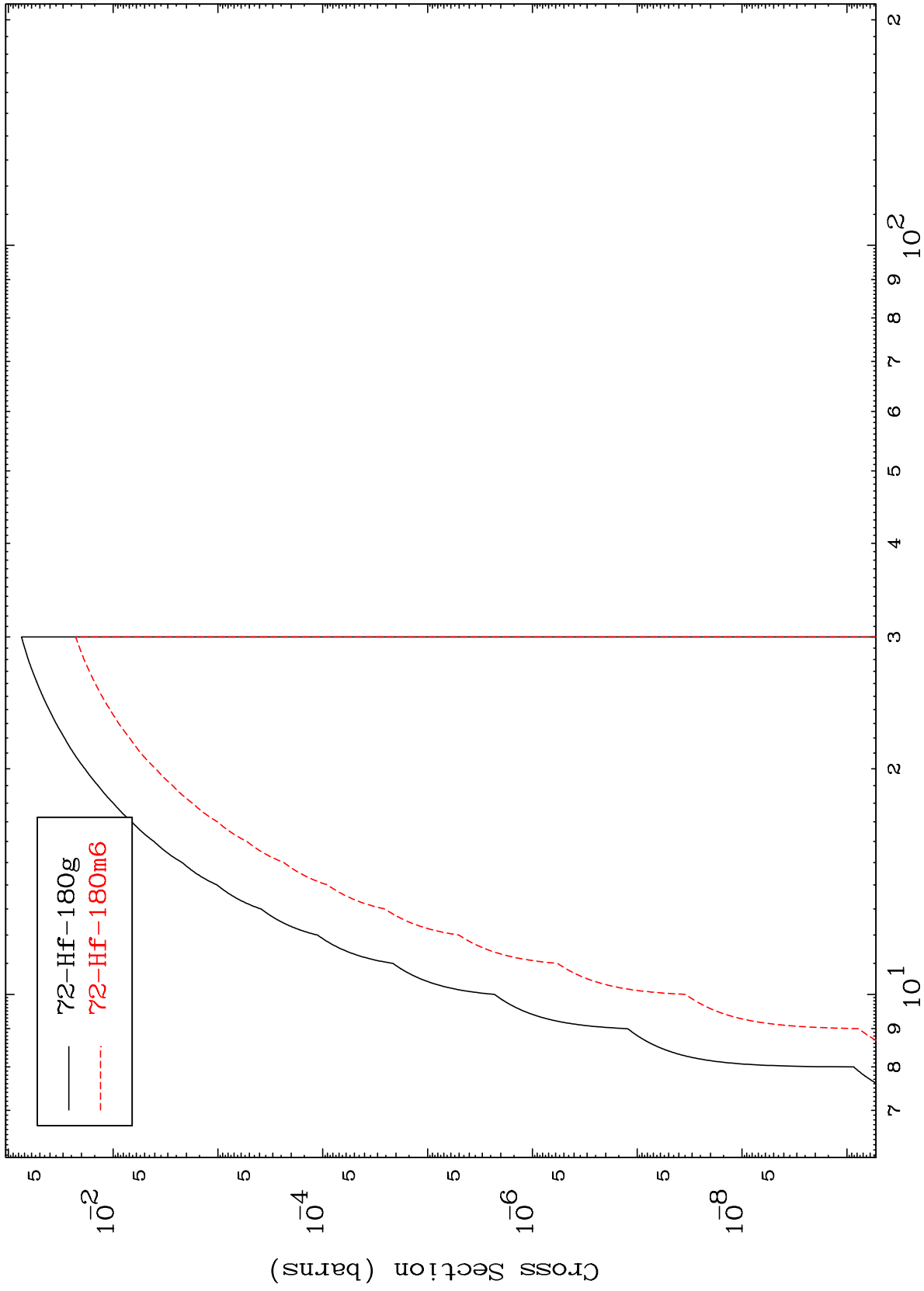
72-Hf-180

MAT 7243

(n,n') d

72-Hf-180

Radionuclide Production Cross Section



20

Incident Energy (MeV)

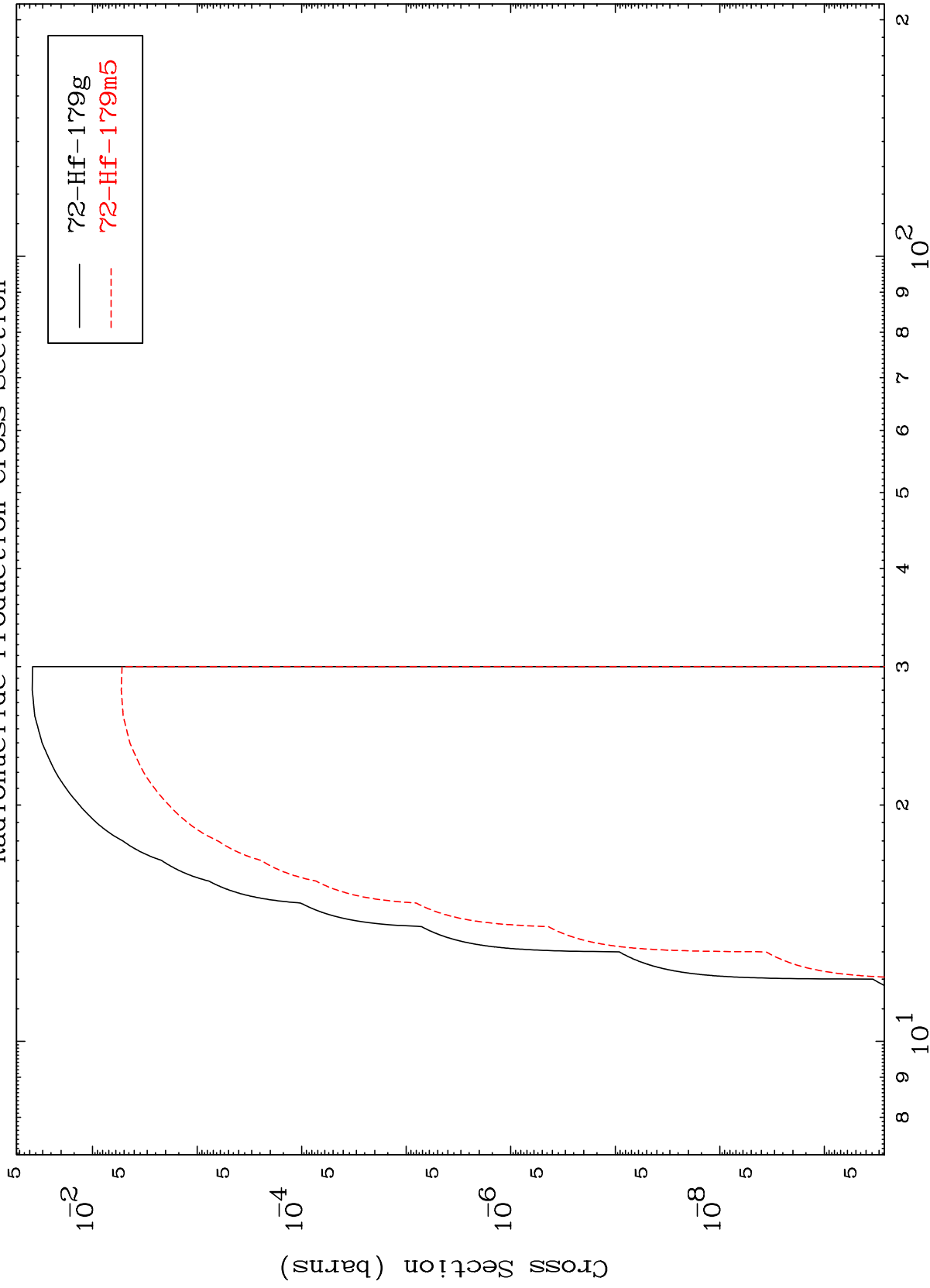
72-Hf-180

MAT 7243

(n,n') t

72-Hf-180

Radionuclide Production Cross Section



21

Incident Energy (MeV)

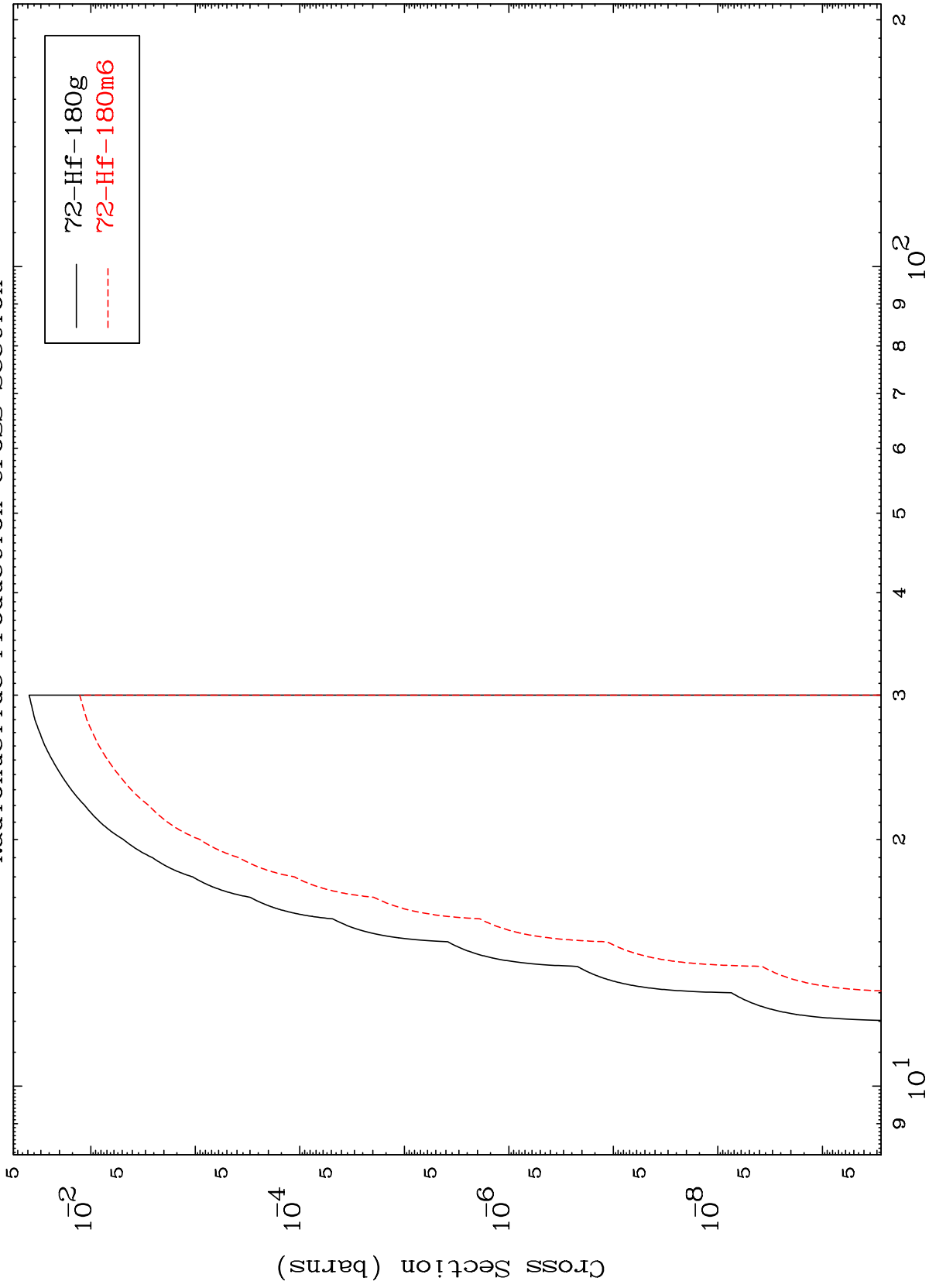
72-Hf-180

MAT 7243

(n,2n) p

72-Hf-180

Radionuclide Production Cross Section



22

Incident Energy (MeV)

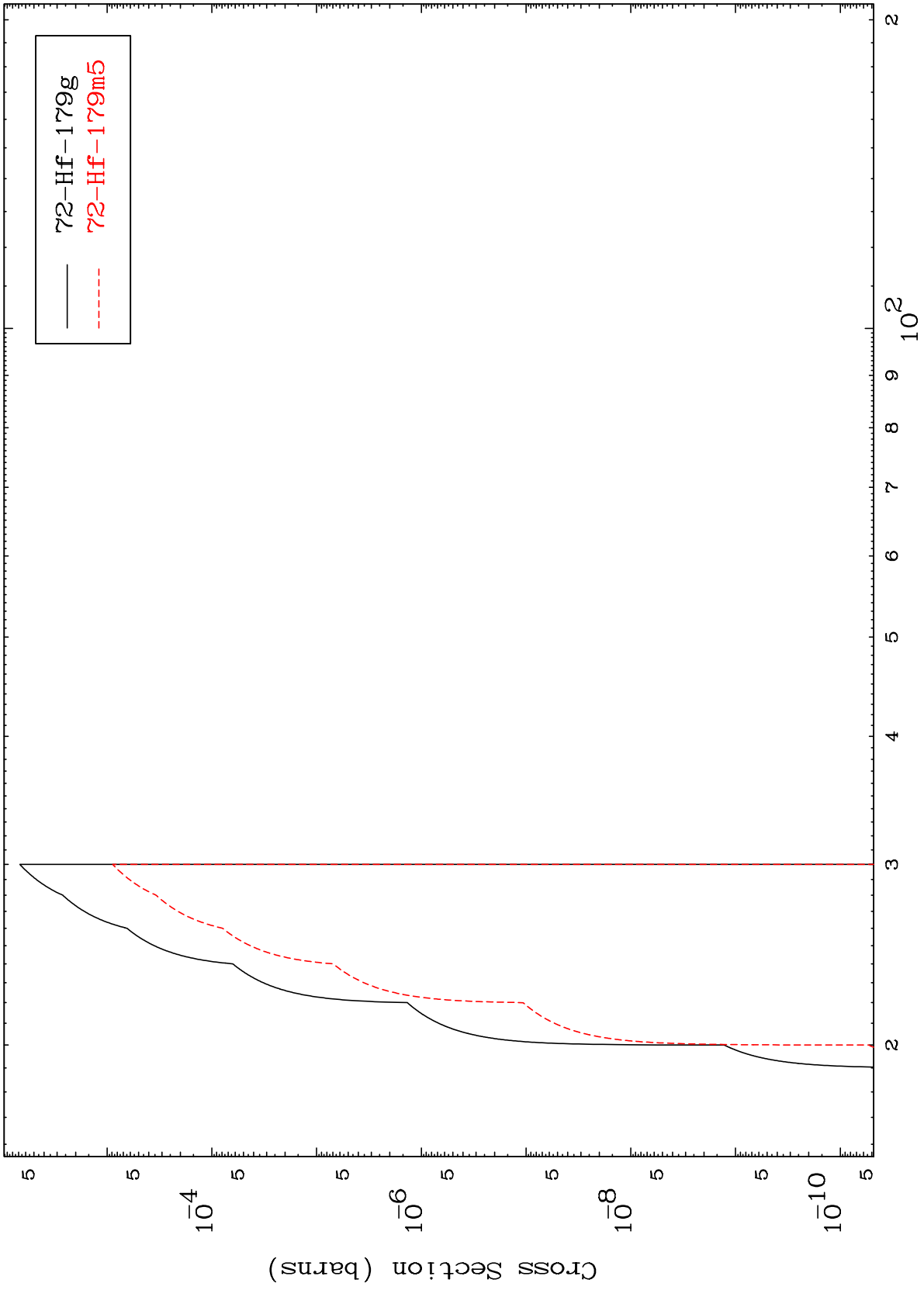
72-Hf-180

MAT 7243

(n,3n) p

⁷²Hf-180

Radionuclide Production Cross Section



23

Incident Energy (MeV)

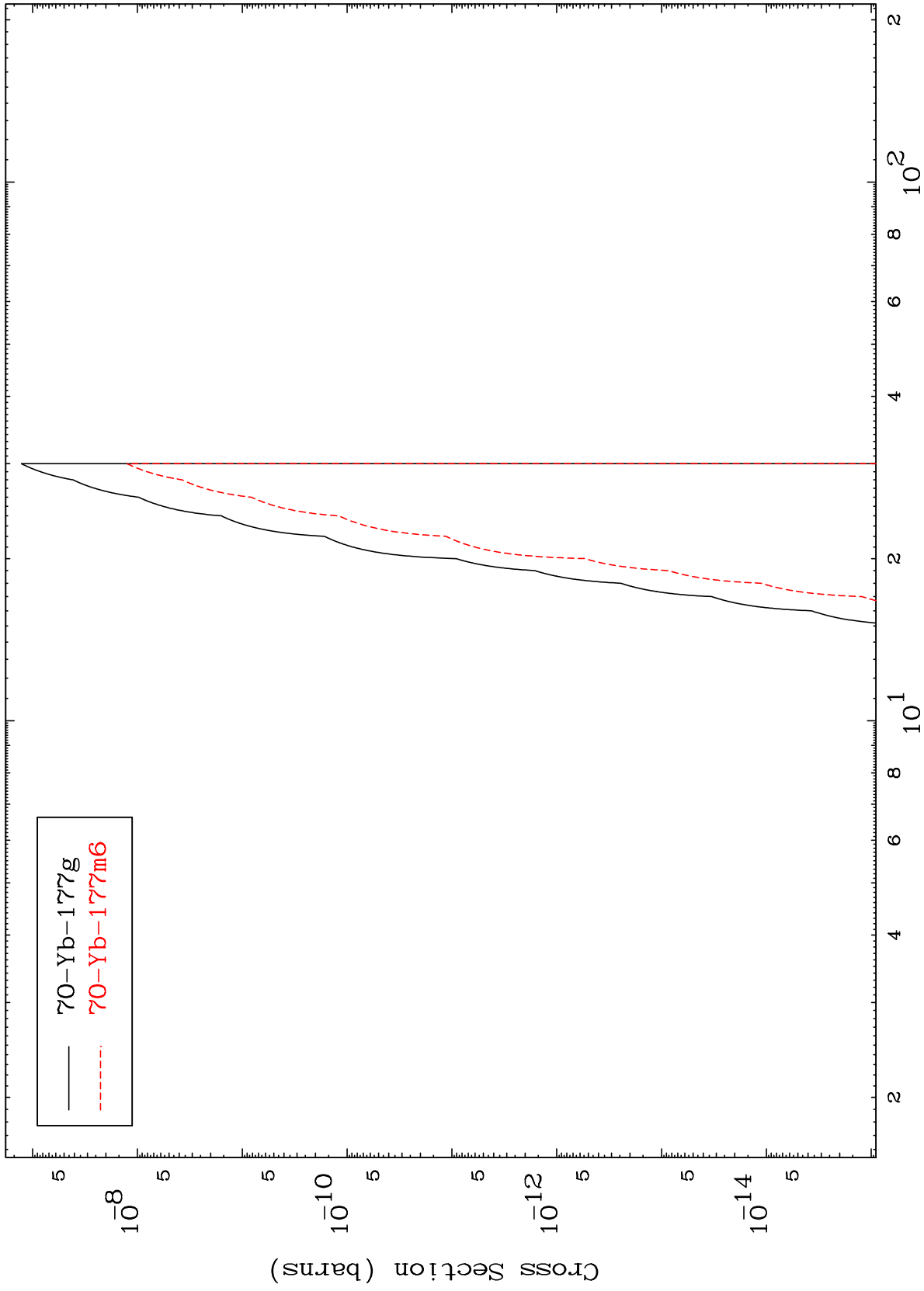
⁷²Hf-180

MAT 7243

(n,n') p α

72-Hf-180

Radionuclide Production Cross Section

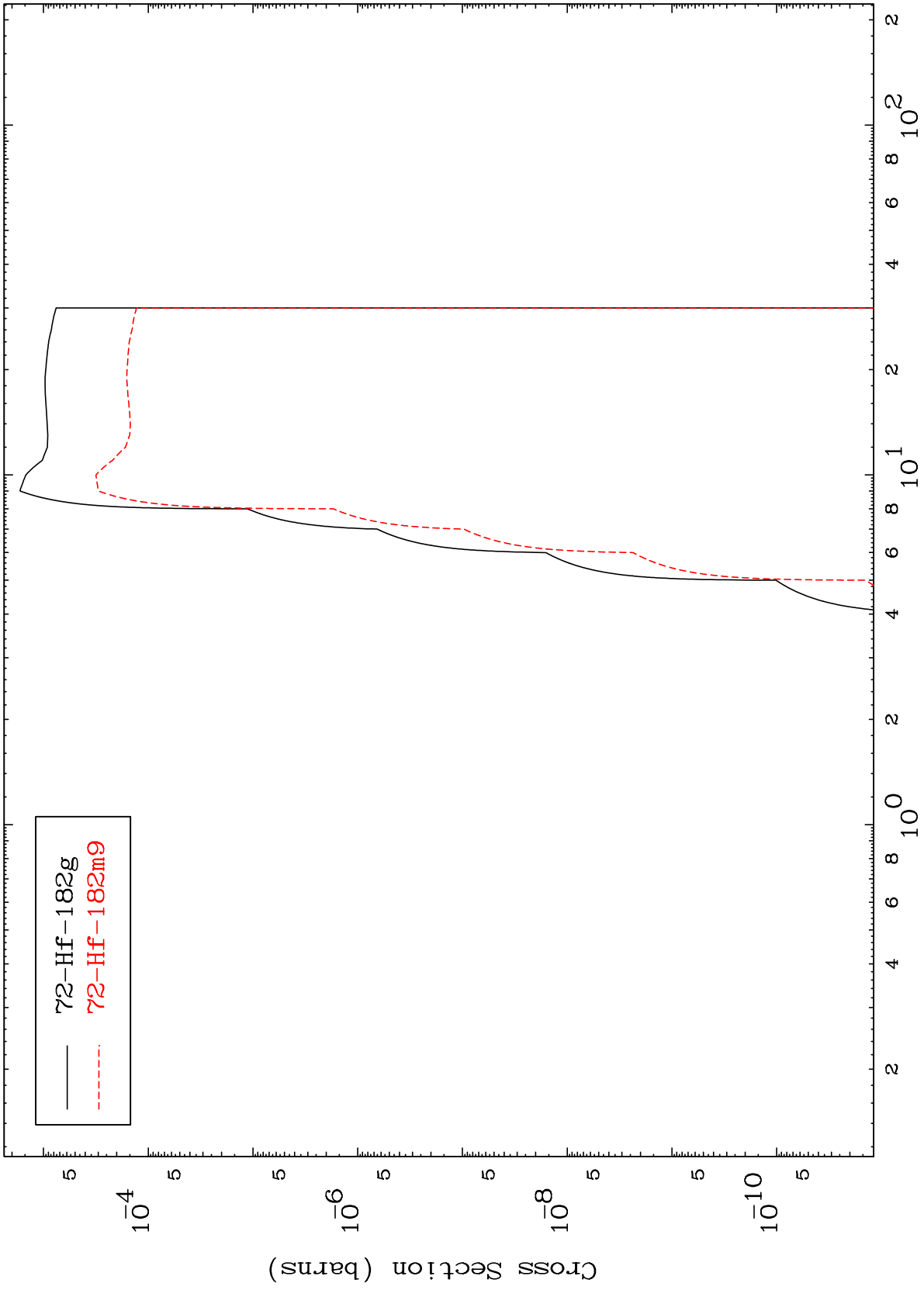


70-Yb-177g
70-Yb-177m6

MAT 7243

72-Hf-180

Radionuclide Production Cross Section



25

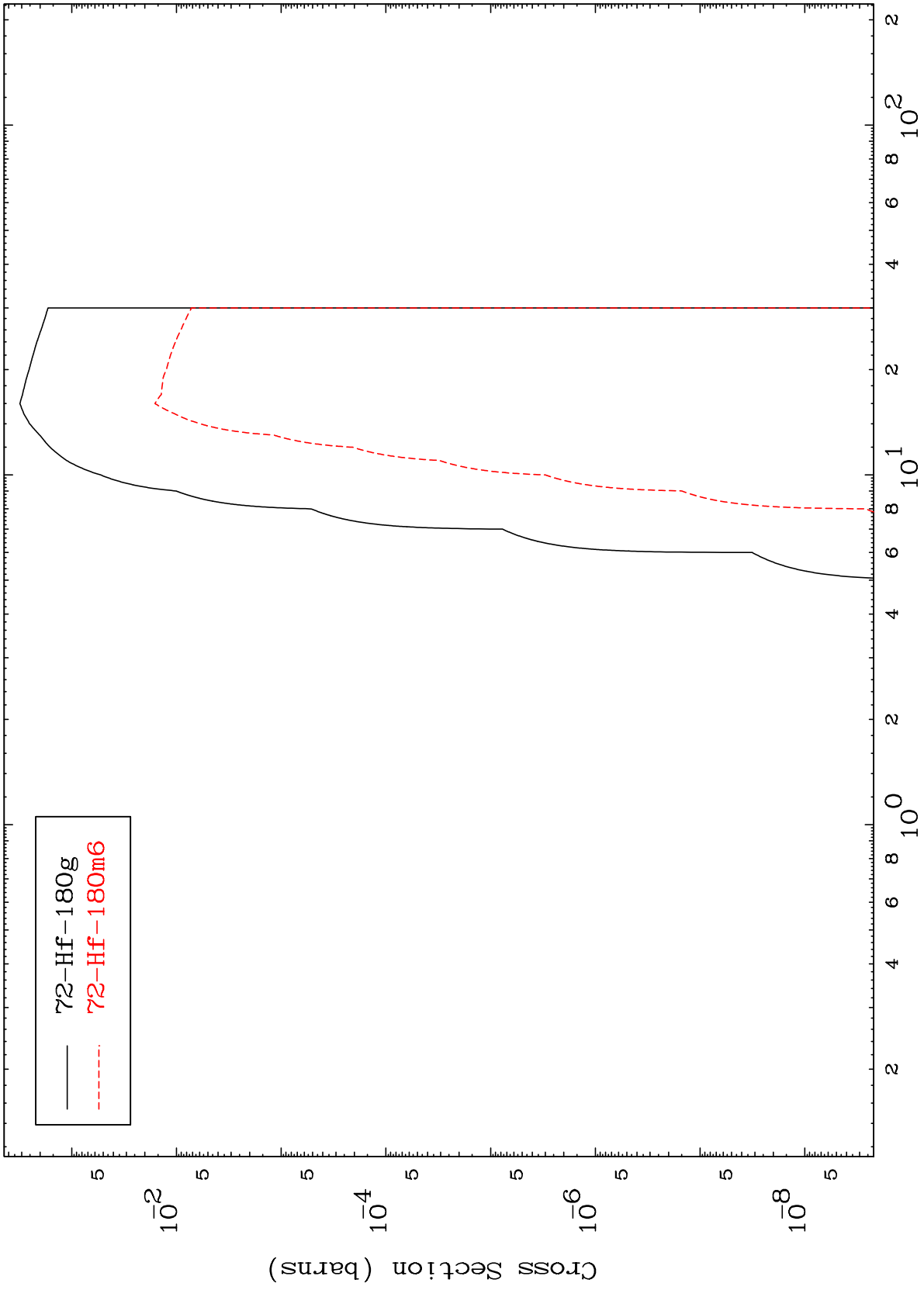
72-Hf-180

MAT 7243

(n, t)

72-Hf-180

Radionuclide Production Cross Section



26

Incident Energy (MeV)

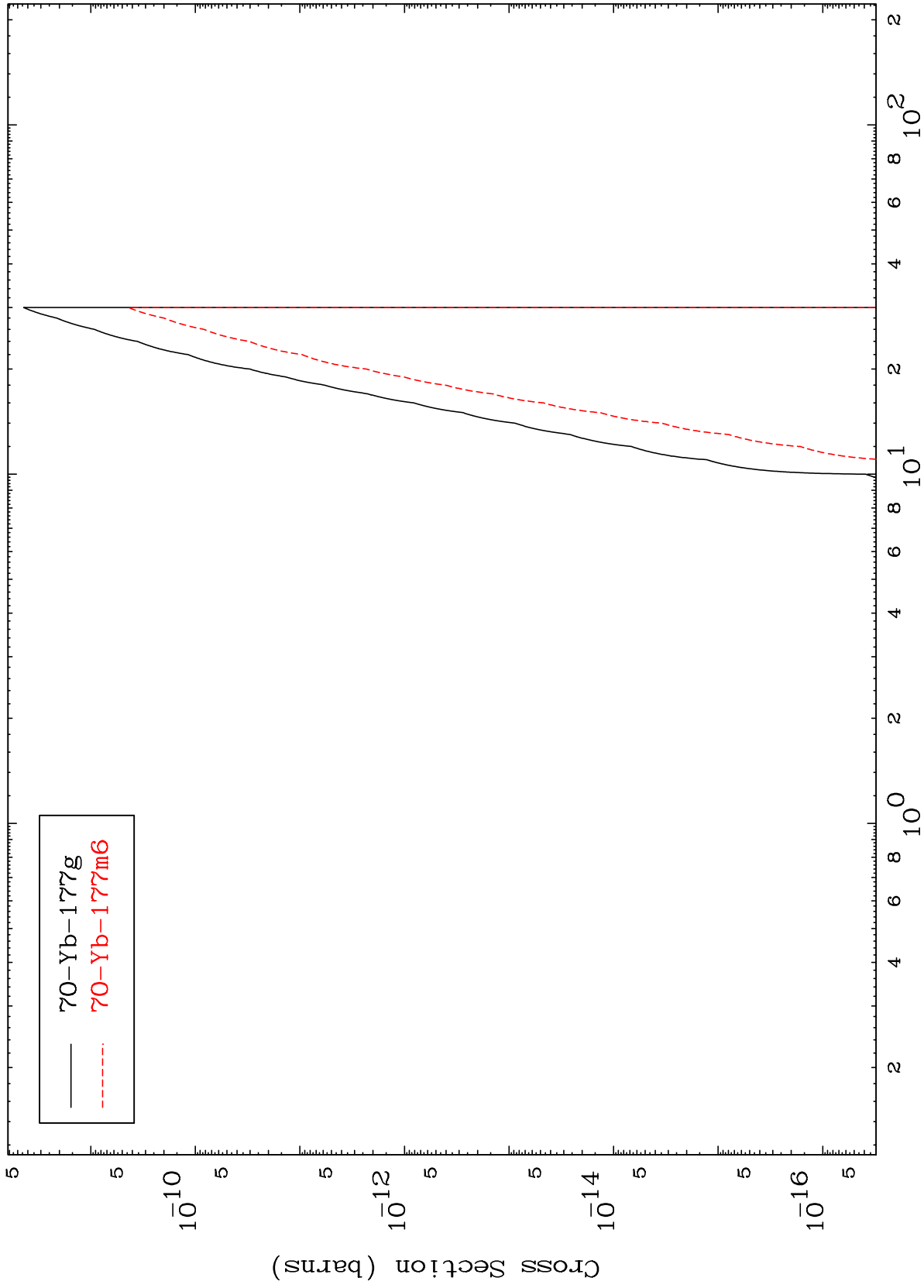
72-Hf-180

MAT 7243

(n,d) α

72-Hf-180

Radionuclide Production Cross Section



70-Yb-177g
70-Yb-177m6

27

Incident Energy (MeV)

72-Hf-180