

Program EVALPLOT
(Version 2018-1)

by

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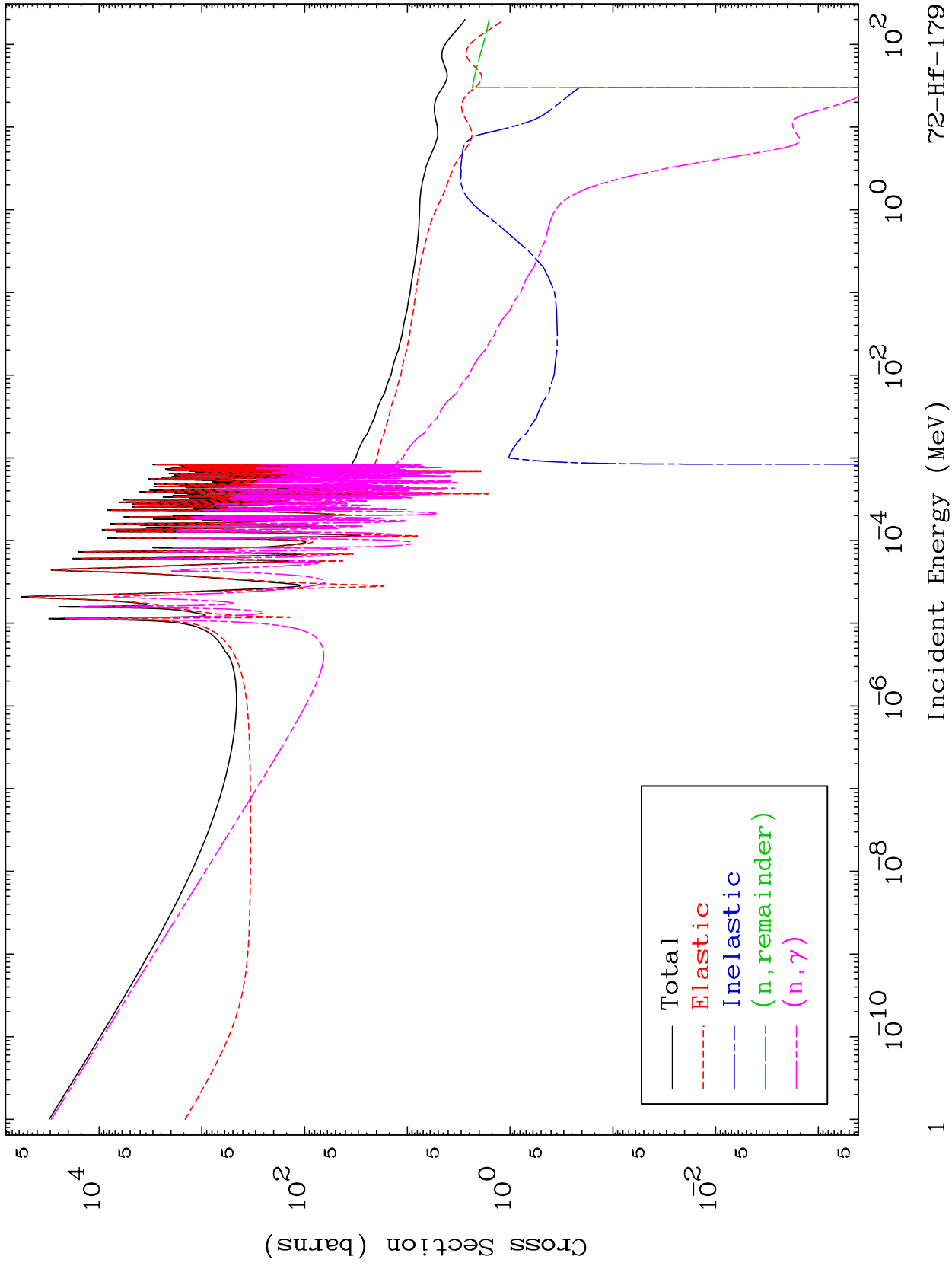
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7242

Major
293 Kelvin Cross Sections

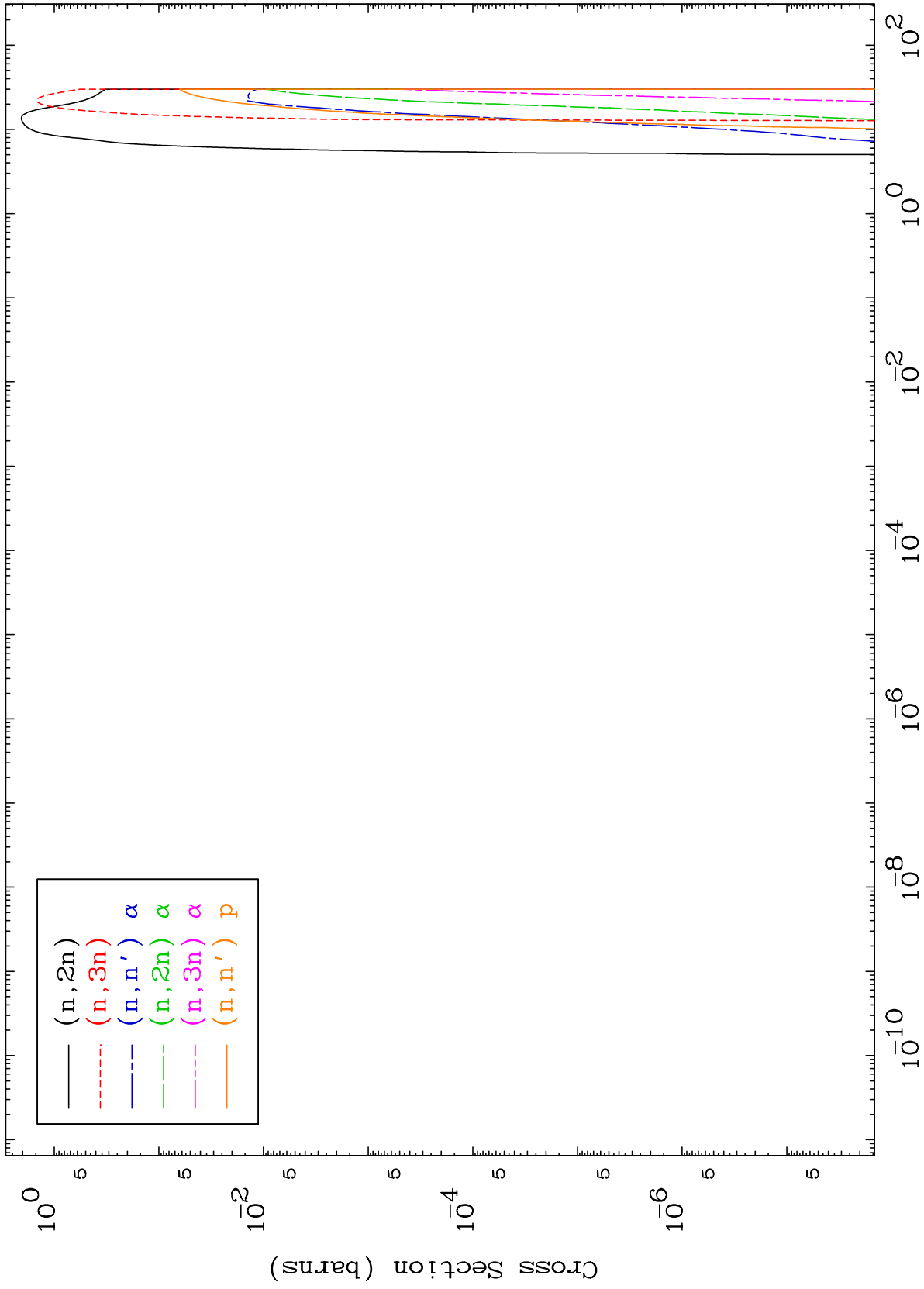
72-Hf-179



MAT 7242

Neutron Production
293 Kelvin Cross Sections

72-Hf-179



2

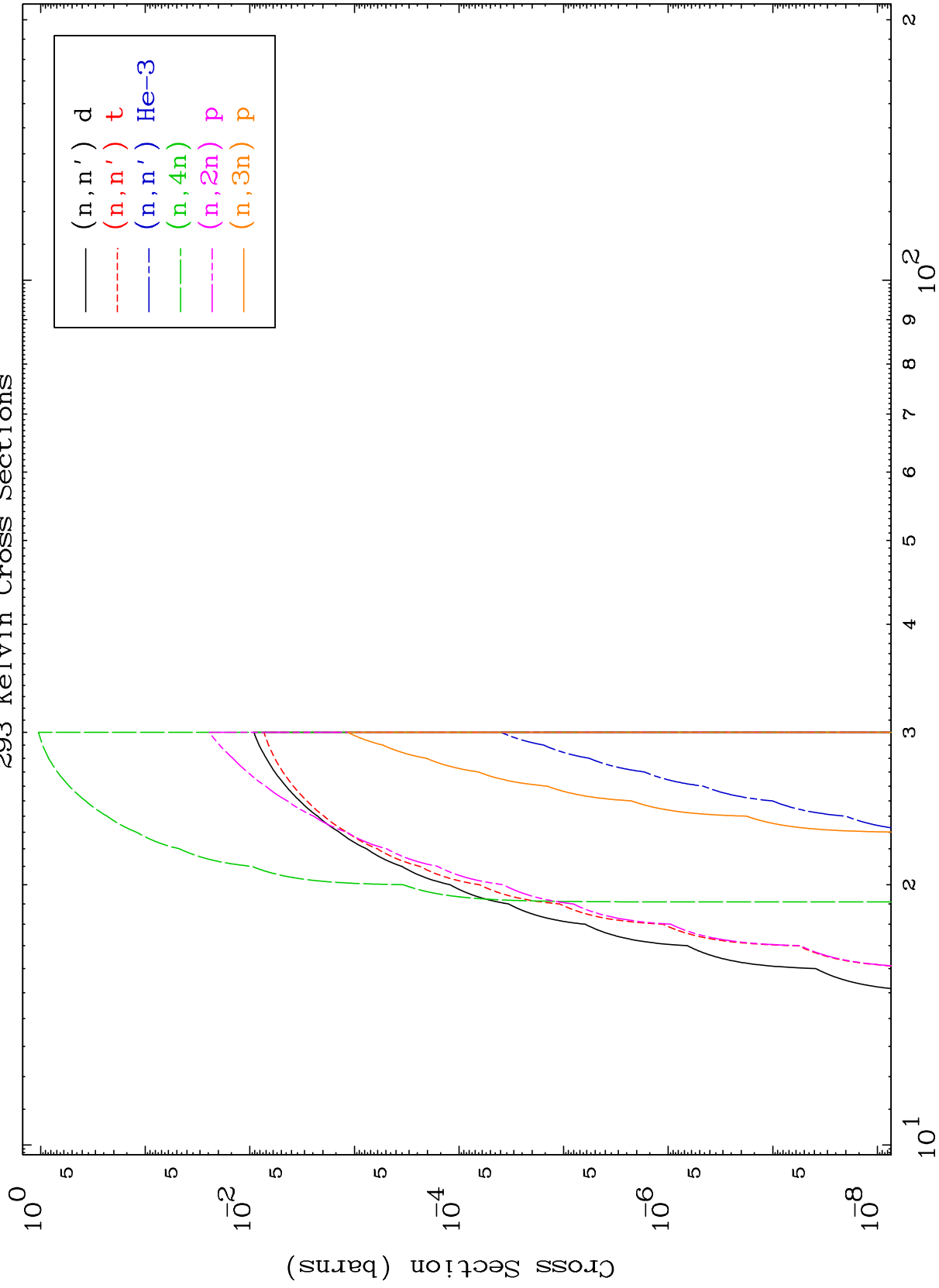
Incident Energy (MeV)

72-Hf-179

MAT 7242

Neutron Production
293 Kelvin Cross Sections

72-Hf-179



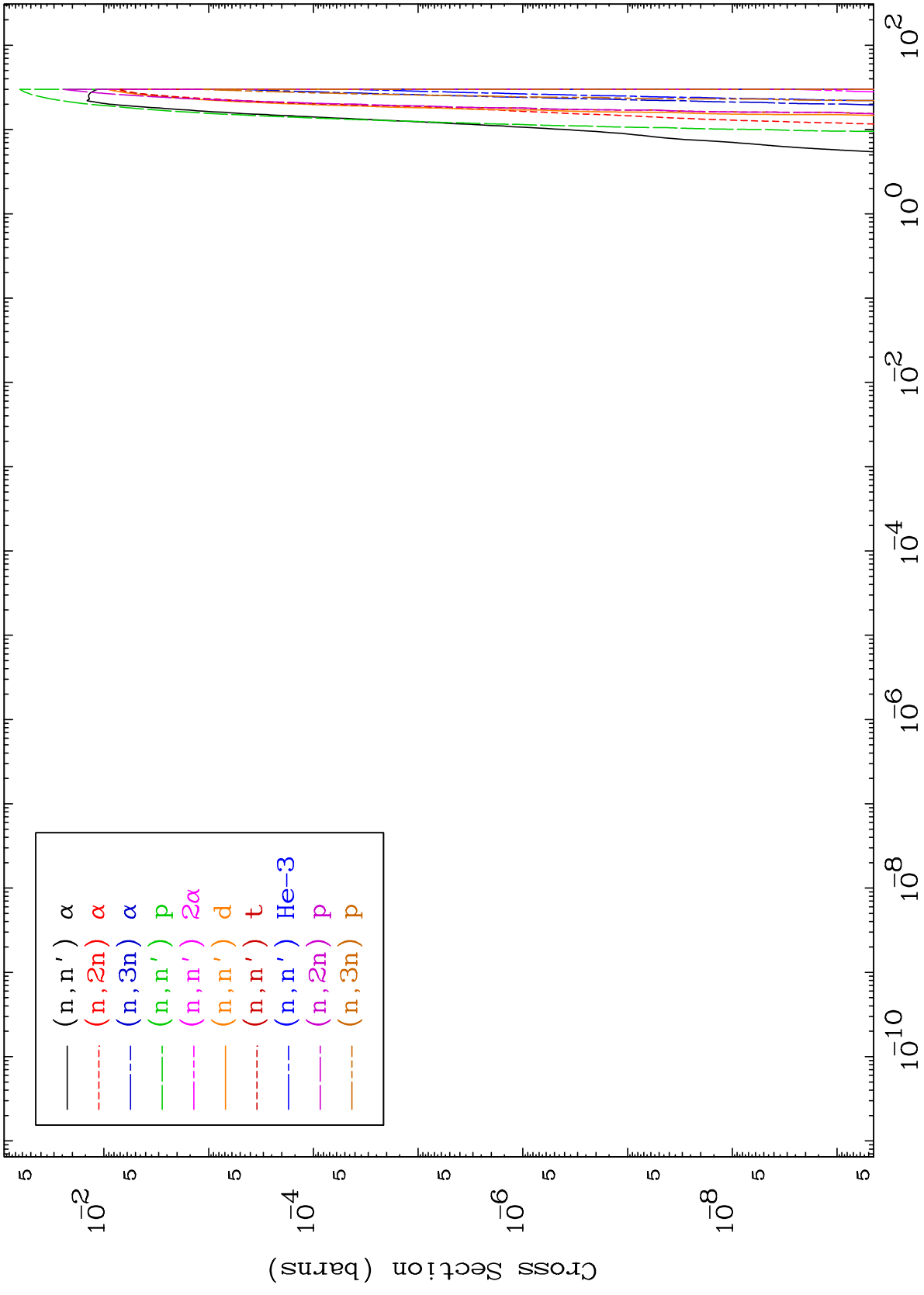
Incident Energy (MeV)

72-Hf-179

MAT 7242

Charged Particle
293 Kelvin Cross Sections

72-Hf-179

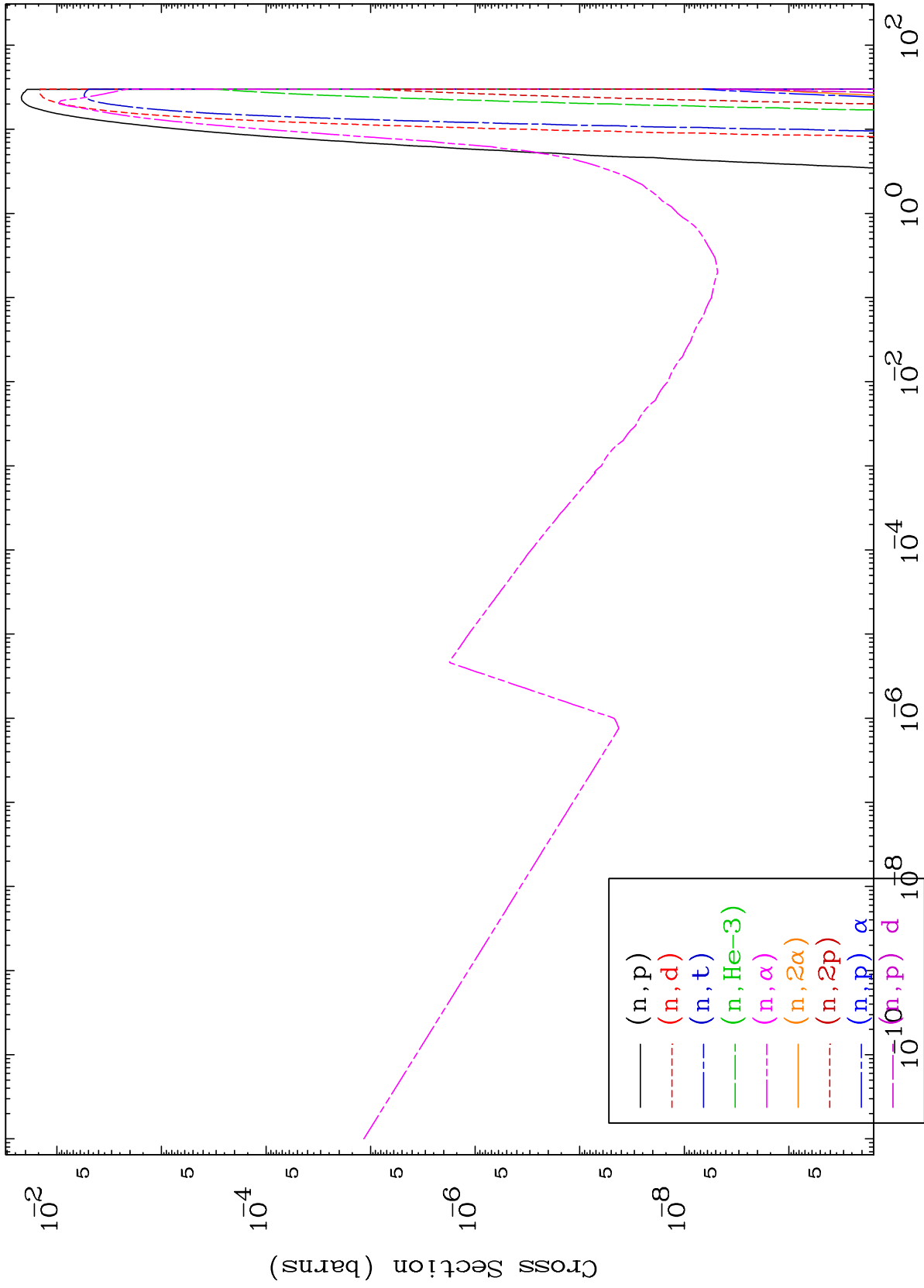


72-Hf-179

MAT 7242

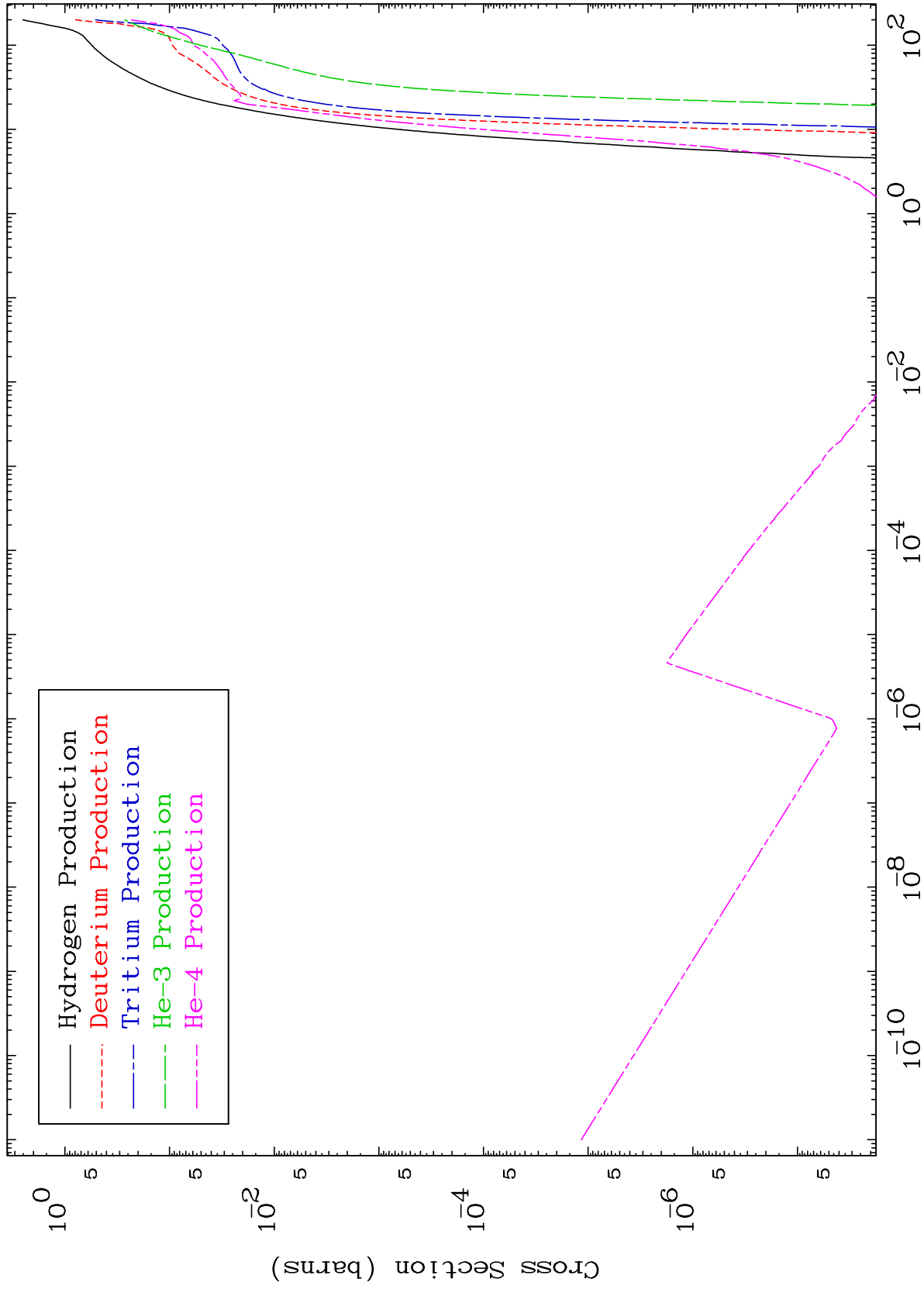
Charged Particle
293 Kelvin Cross Sections

72-Hf-179



5

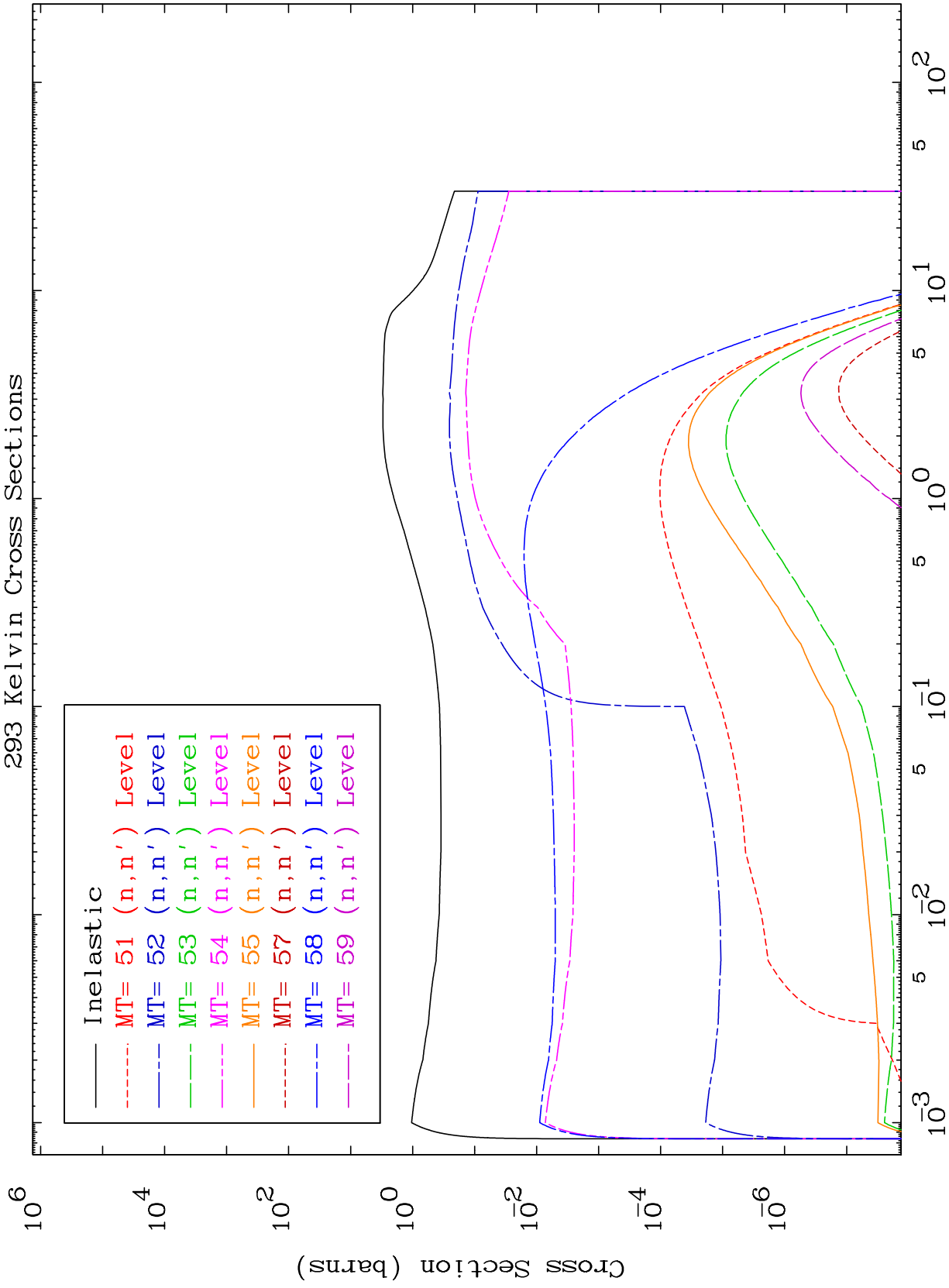
72-Hf-179



MAT 7242

(n,n') Level
293 Kelvin Cross Sections

72-Hf-179



7

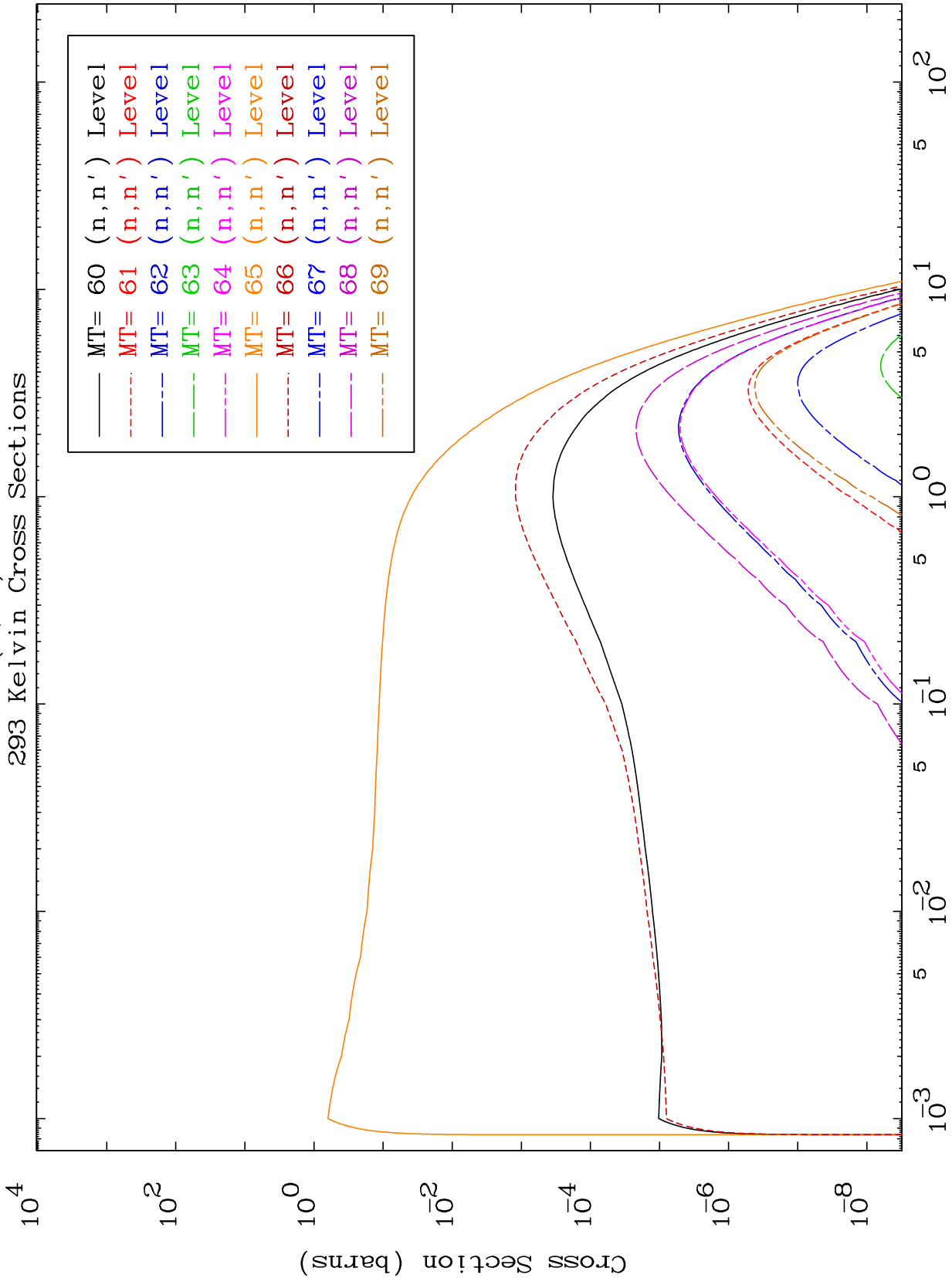
Incident Energy (MeV)

72-Hf-179

MAT 7242

(n,n') Level
293 Kelvin Cross Sections

72-Hf-179



8

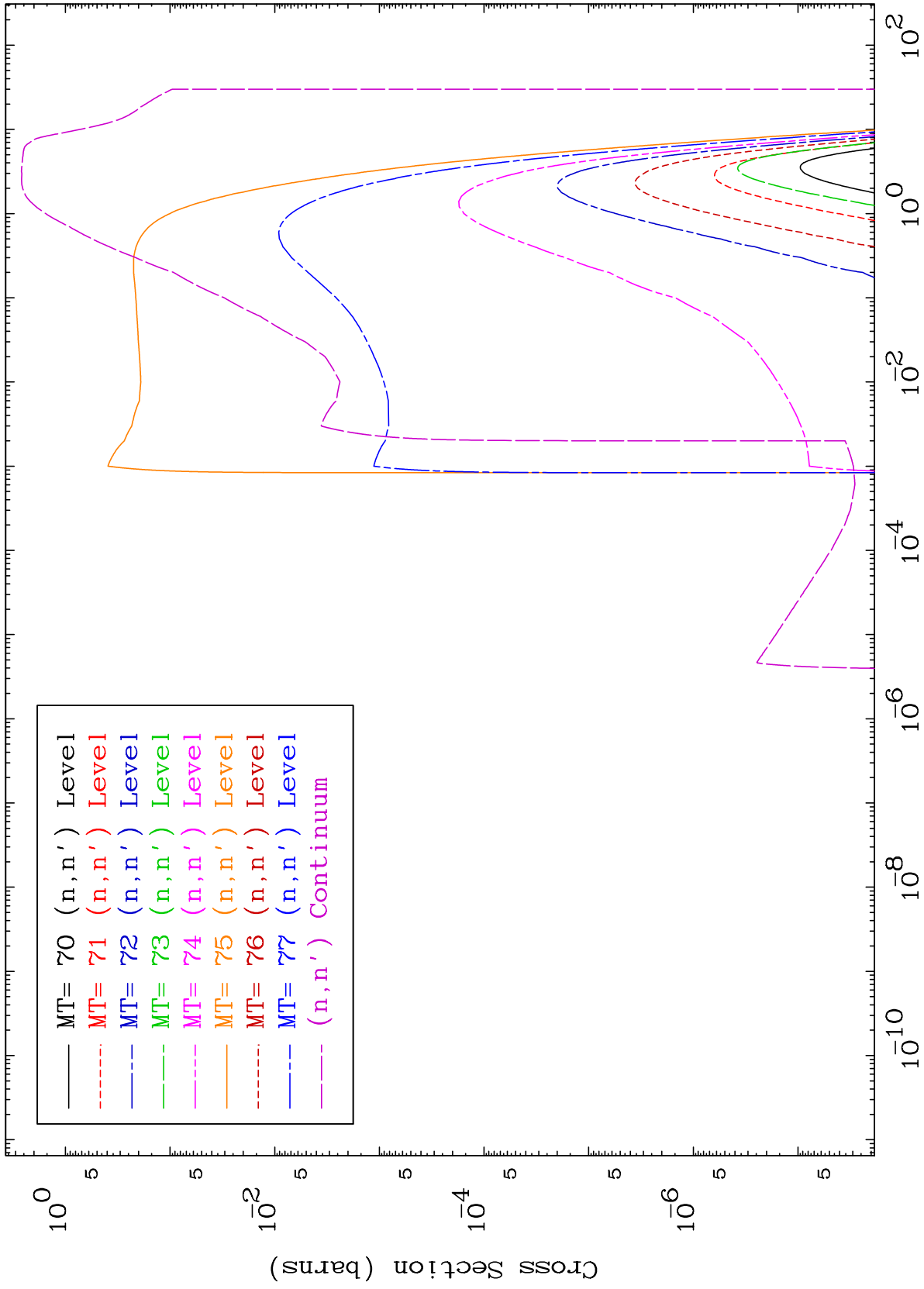
Incident Energy (MeV)

72-Hf-179

MAT 7242

293 Kelvin Cross Sections
(n, n') Level

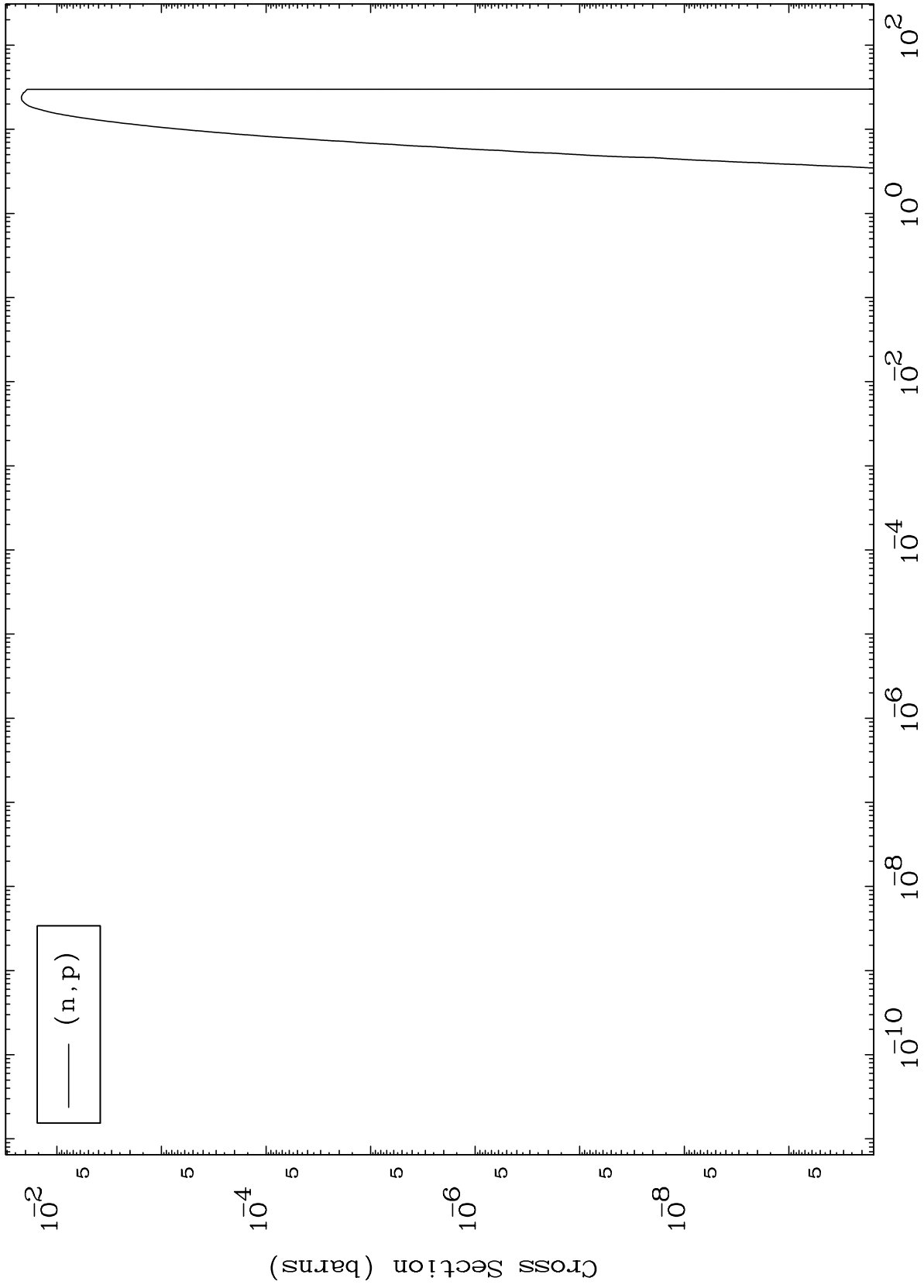
72-Hf-179



MAT 7242

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-179



10

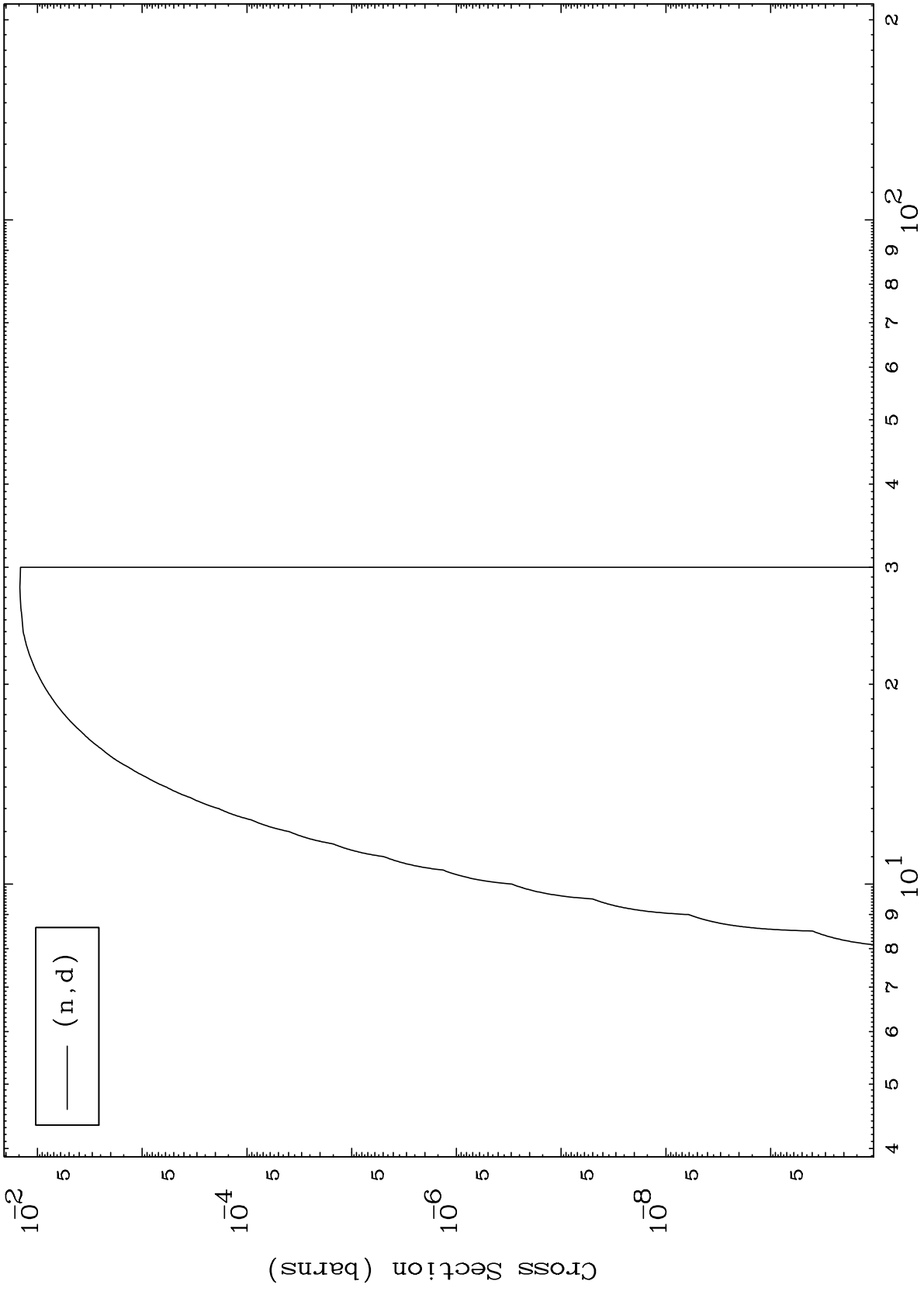
Incident Energy (MeV)

72-Hf-179

MAT 7242

(n,d) Levels
293 Kelvin Cross Sections

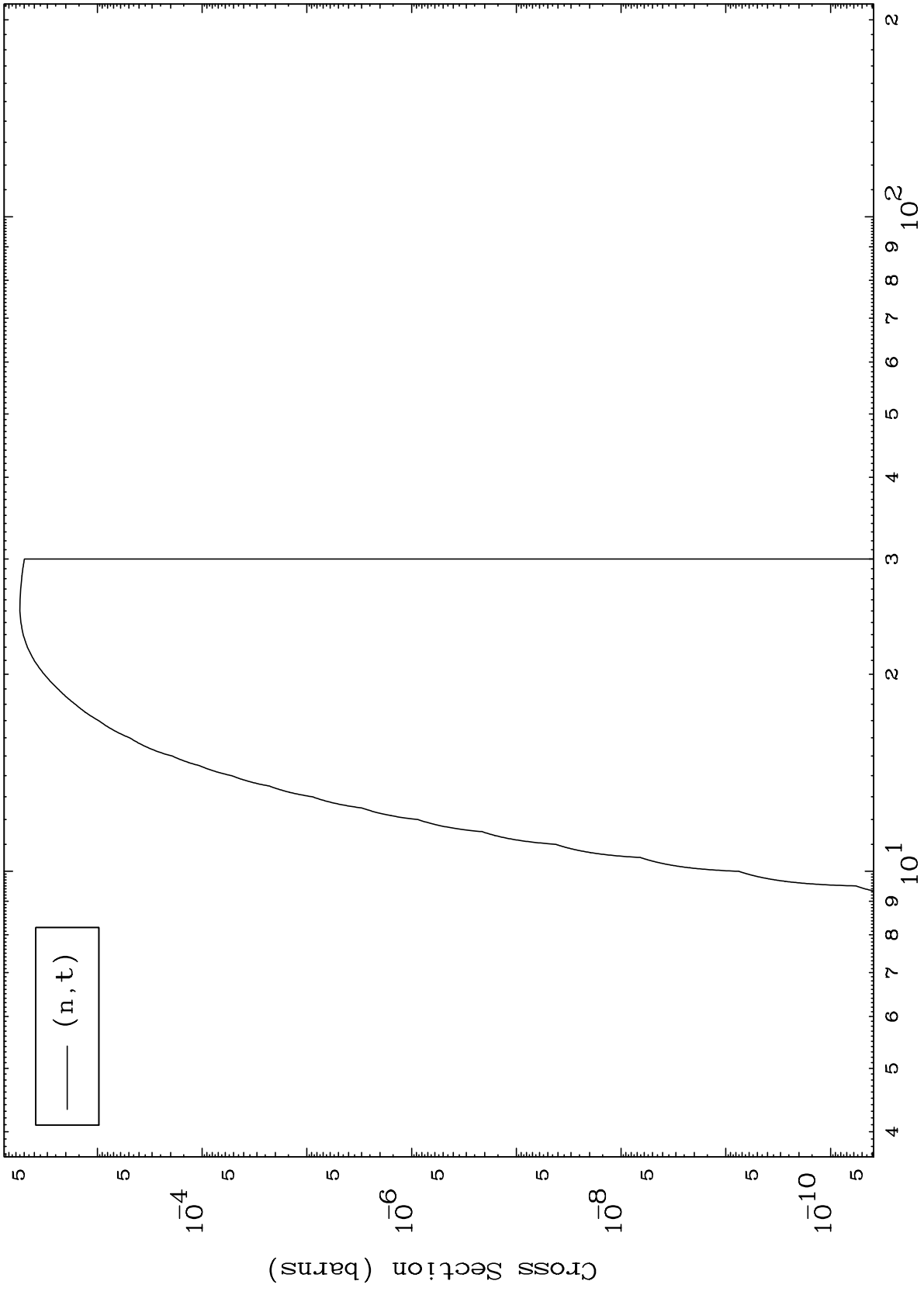
72-Hf-179



MAT 7242

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-179



12

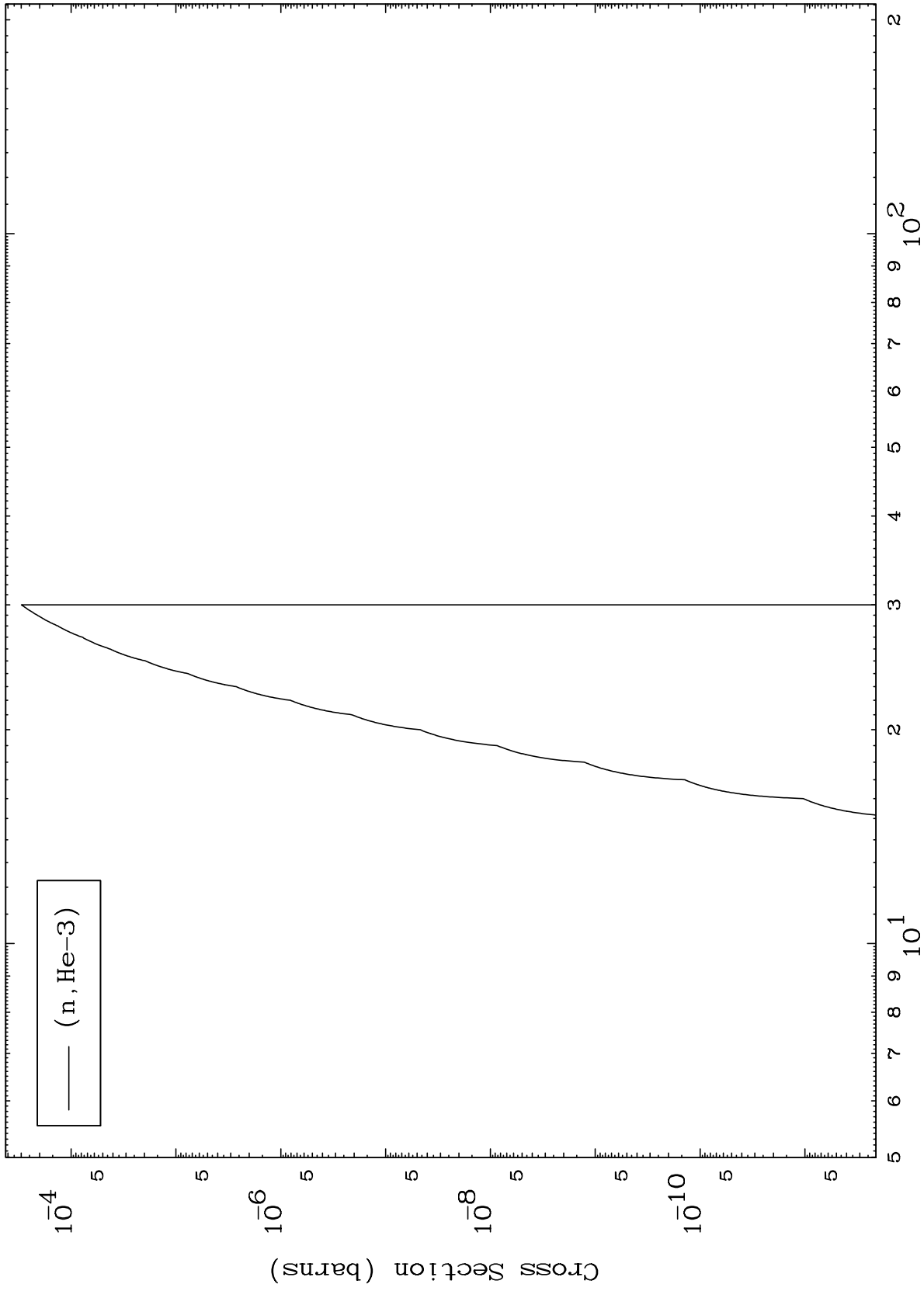
Incident Energy (MeV)

72-Hf-179

MAT 7242

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-179



13

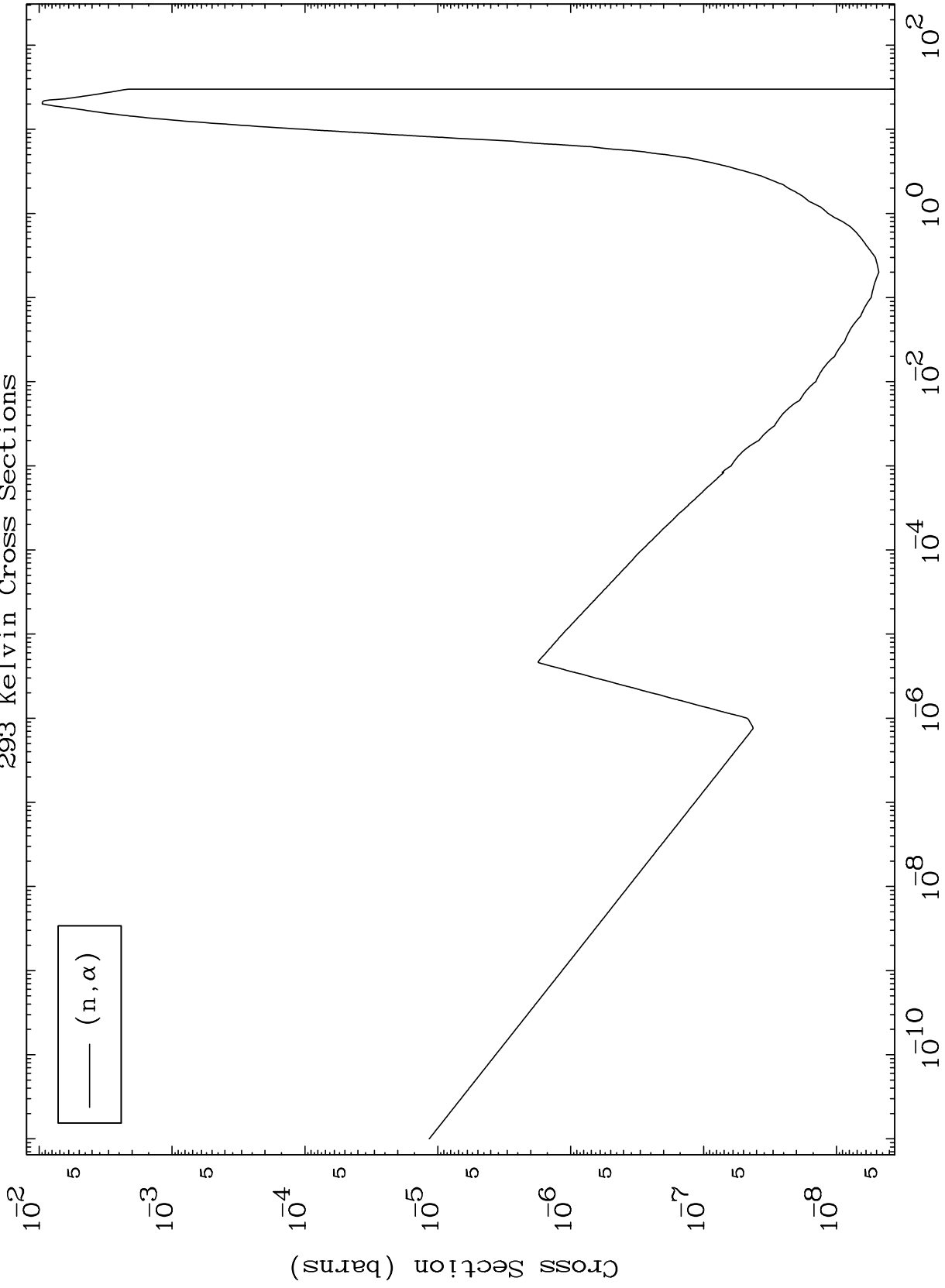
Incident Energy (MeV)

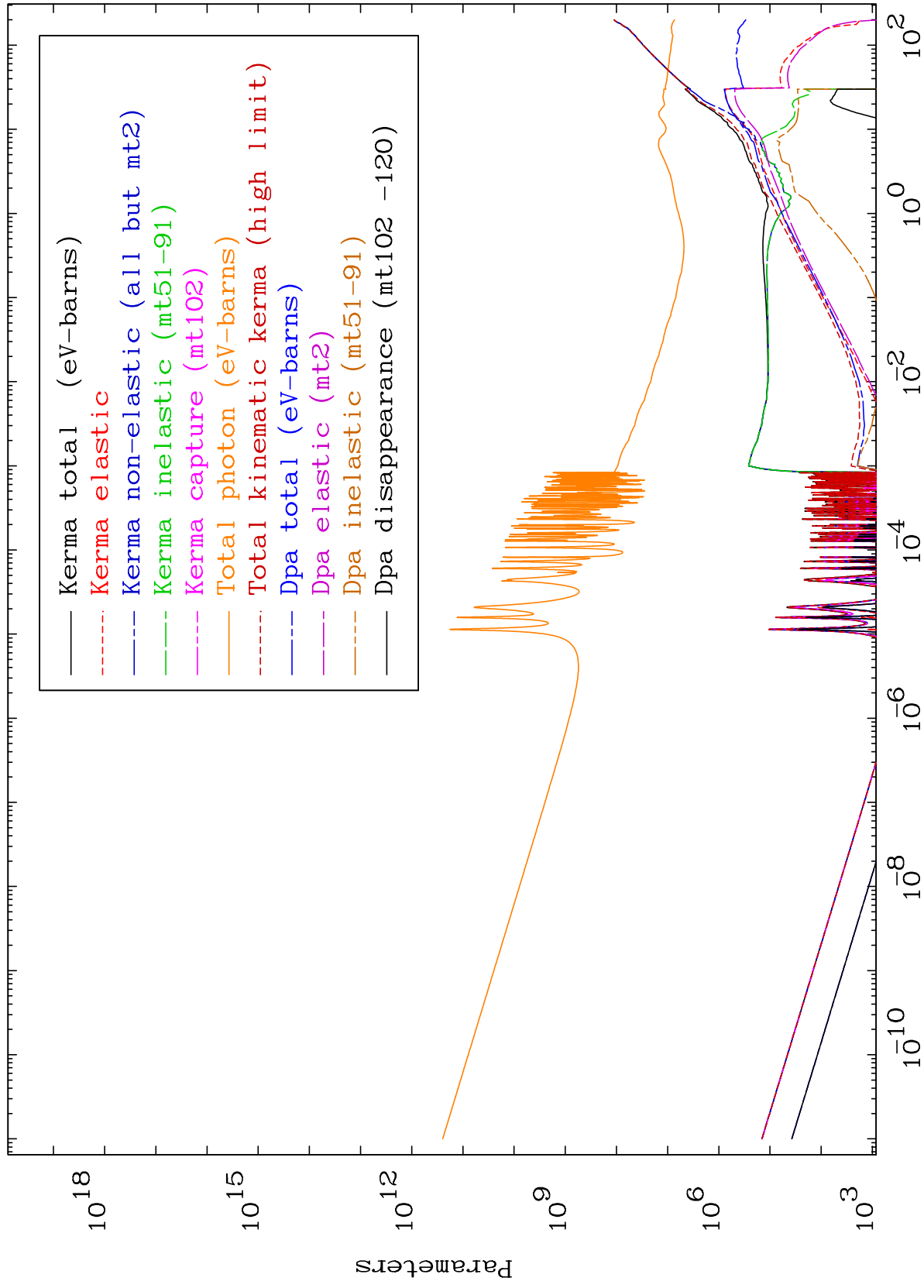
72-Hf-179

MAT 7242

(n,α) Levels
293 Kelvin Cross Sections

72-Hf-179

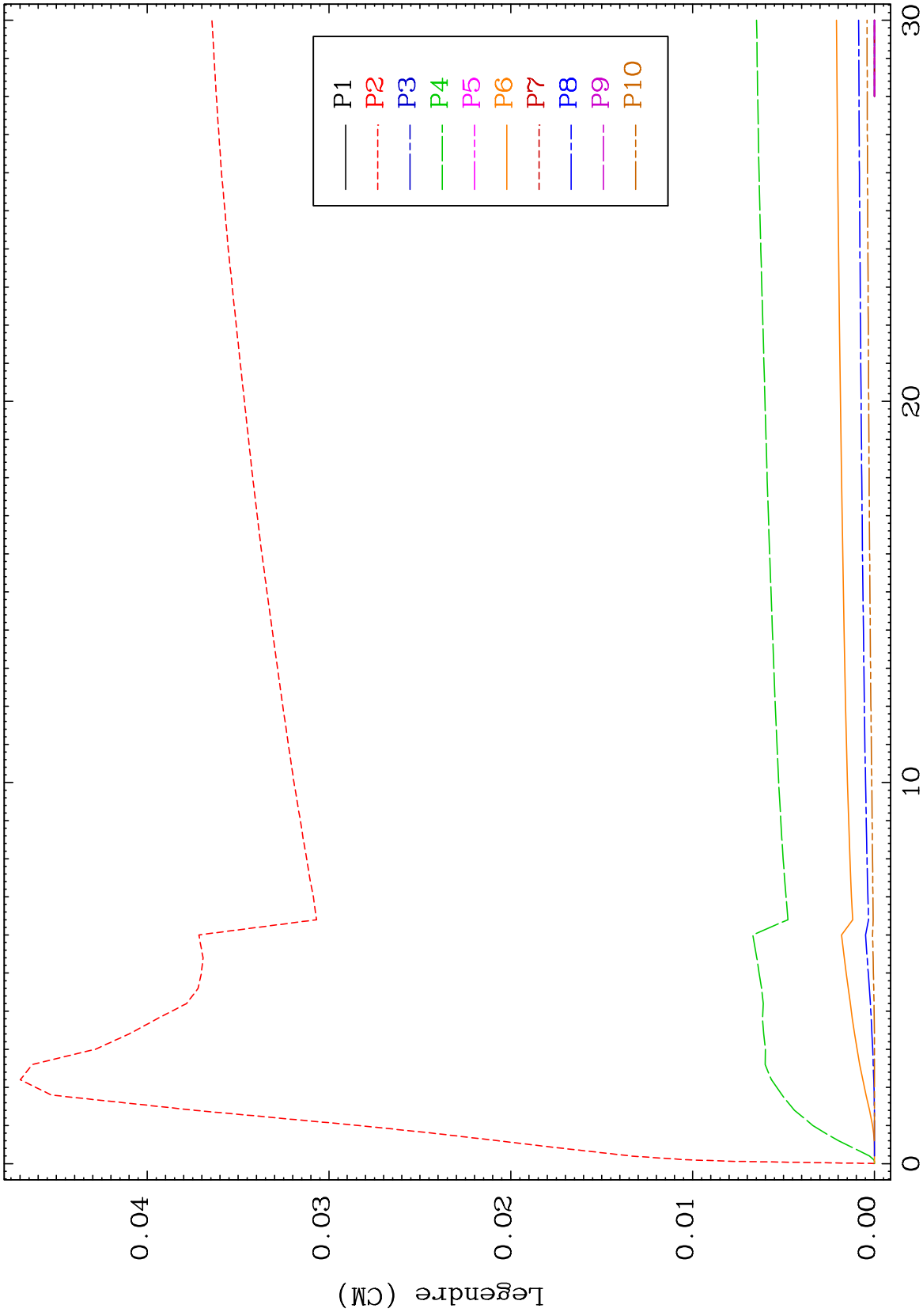




MAT 7242

Elastic Legendre Coefficients

72-Hf-179



16

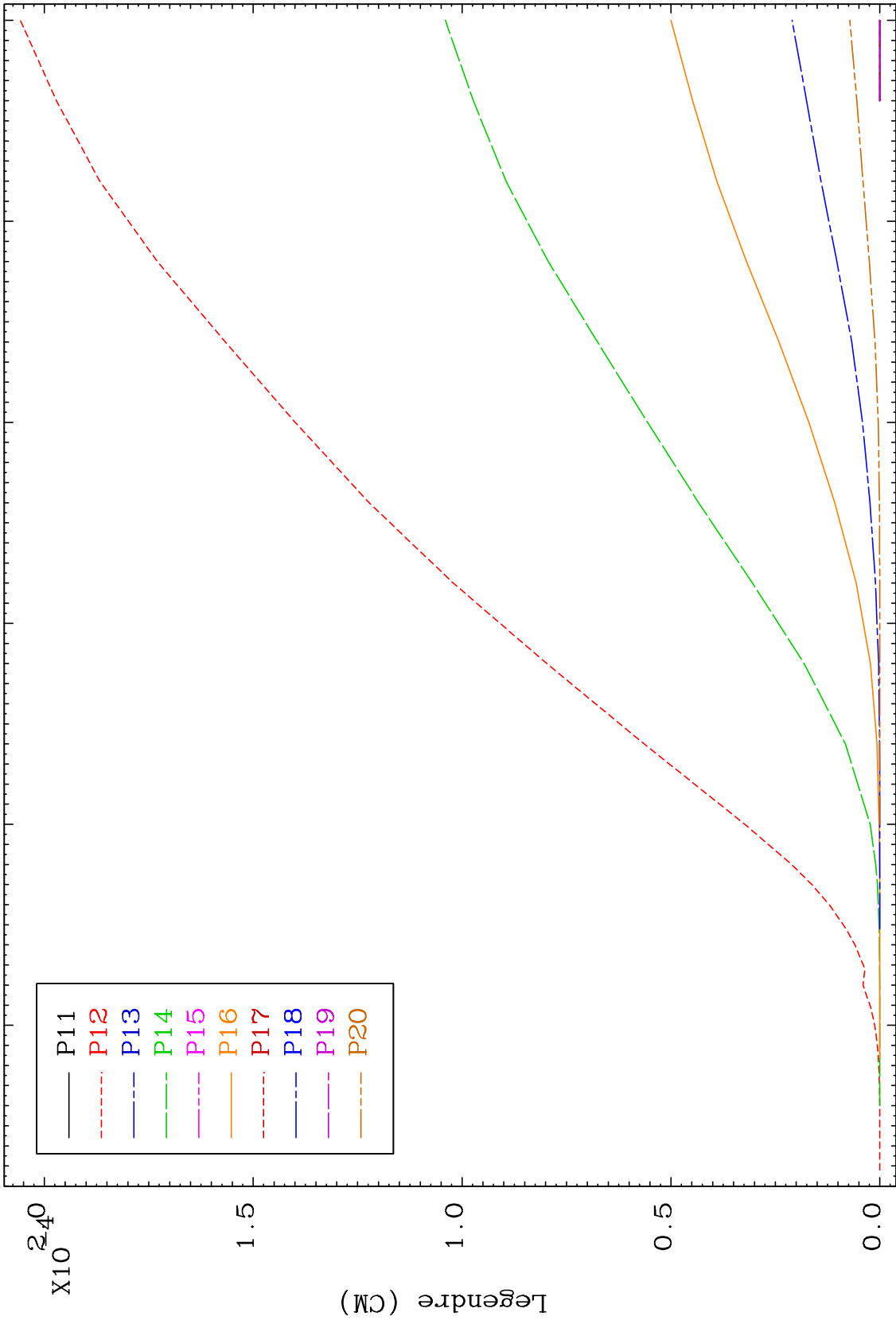
Incident Energy (MeV)

72-Hf-179

MAT 7242

Elastic Legendre Coefficients

72-Hf-179



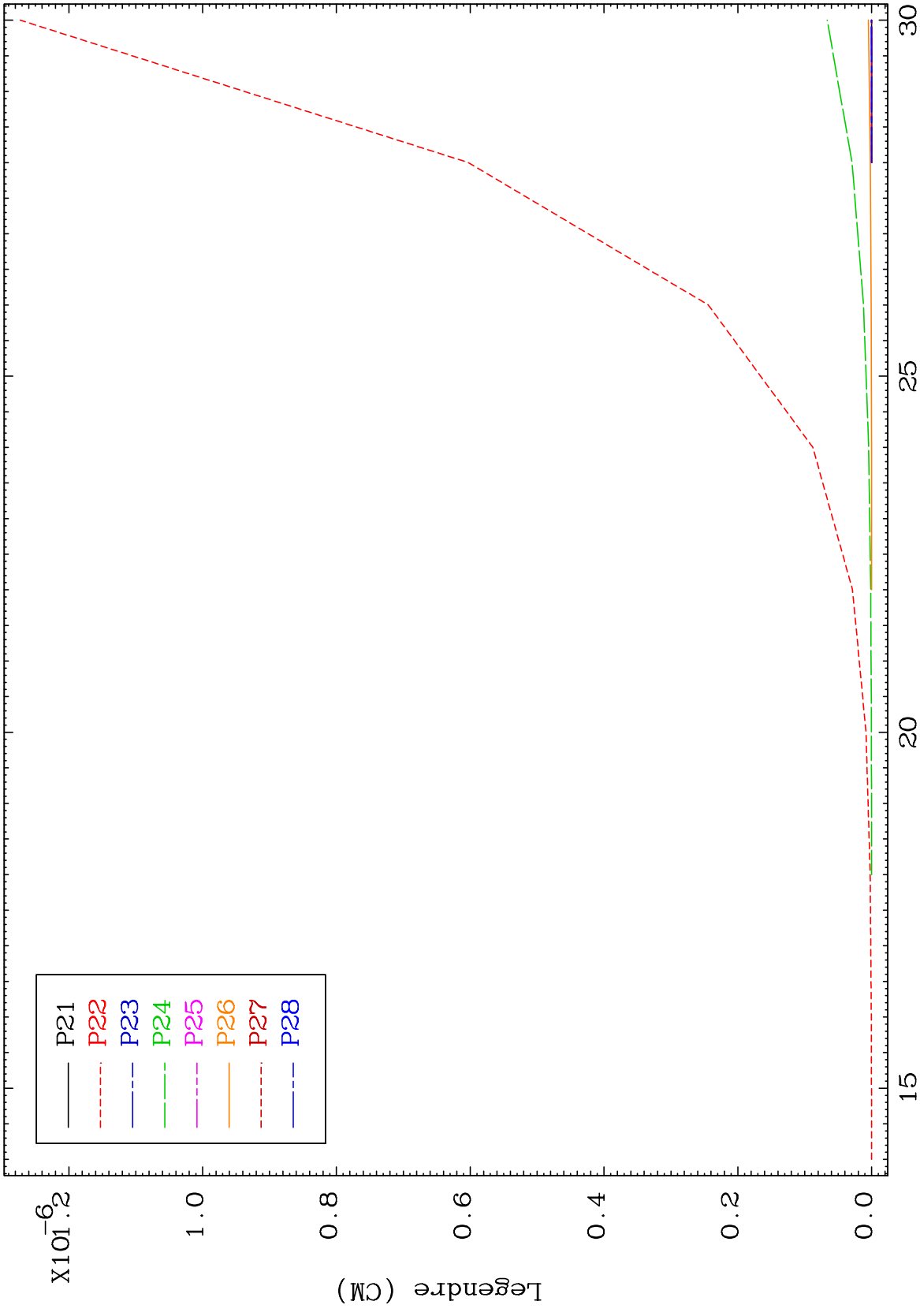
17

72-Hf-179

MAT 7242

Elastic Legendre Coefficients

72-Hf-179



18

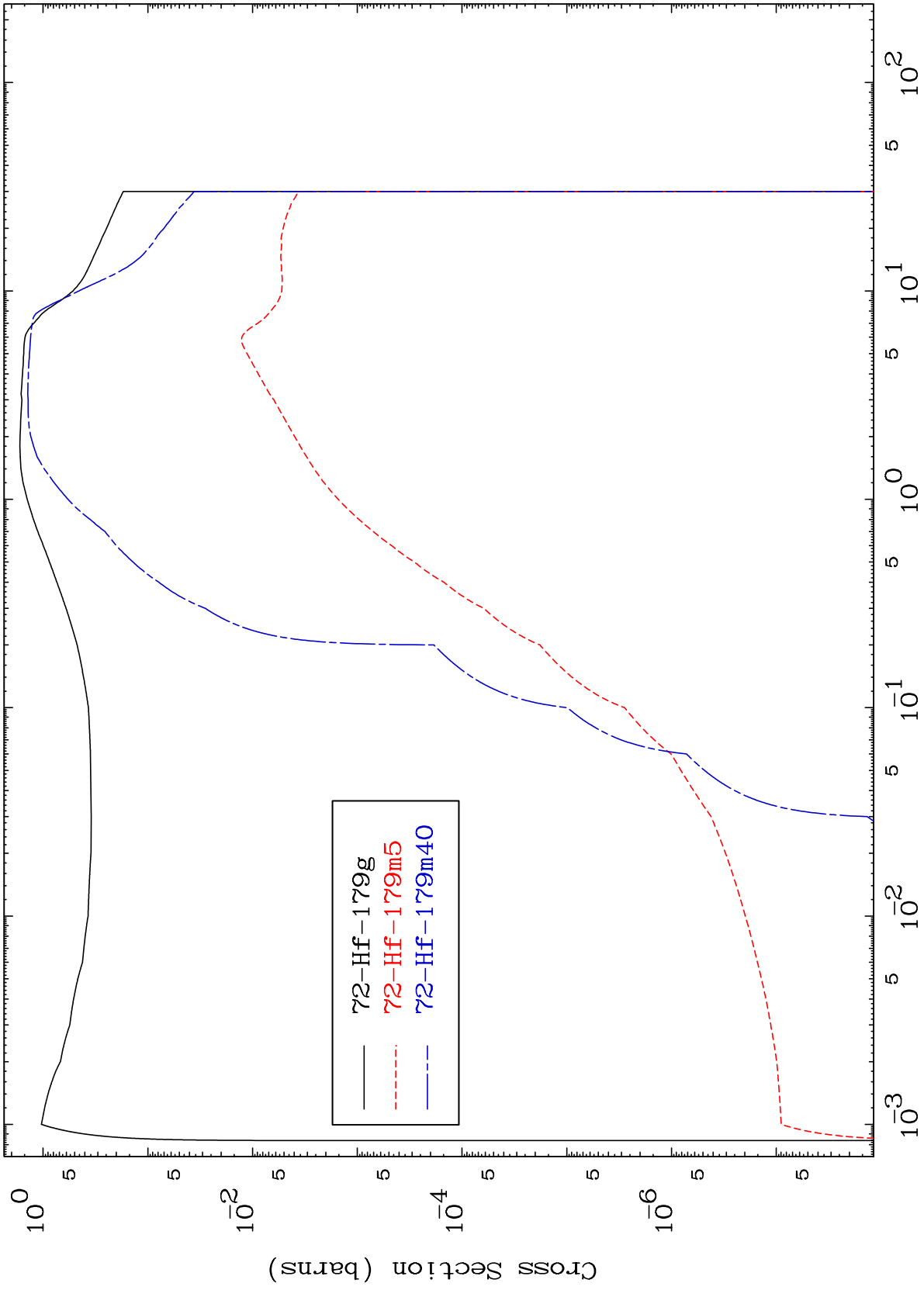
Incident Energy (MeV)

72-Hf-179

MAT 7242

72-Hf-179

Inelastic Radionuclide Production Cross Section



72-Hf-179

Incident Energy (MeV)

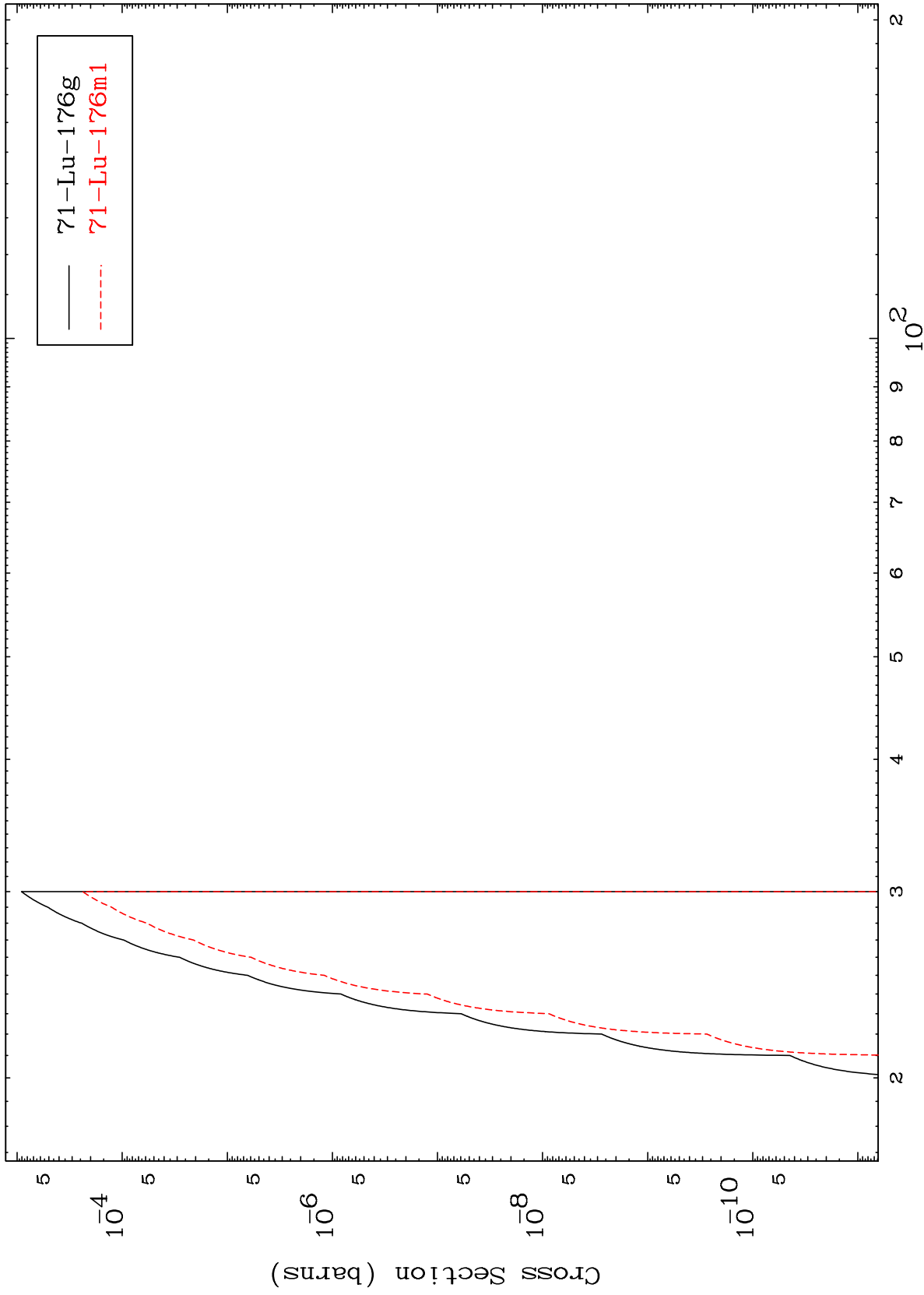
19

MAT 7242

(n,2n) d

72-Hf-179

Radionuclide Production Cross Section



20

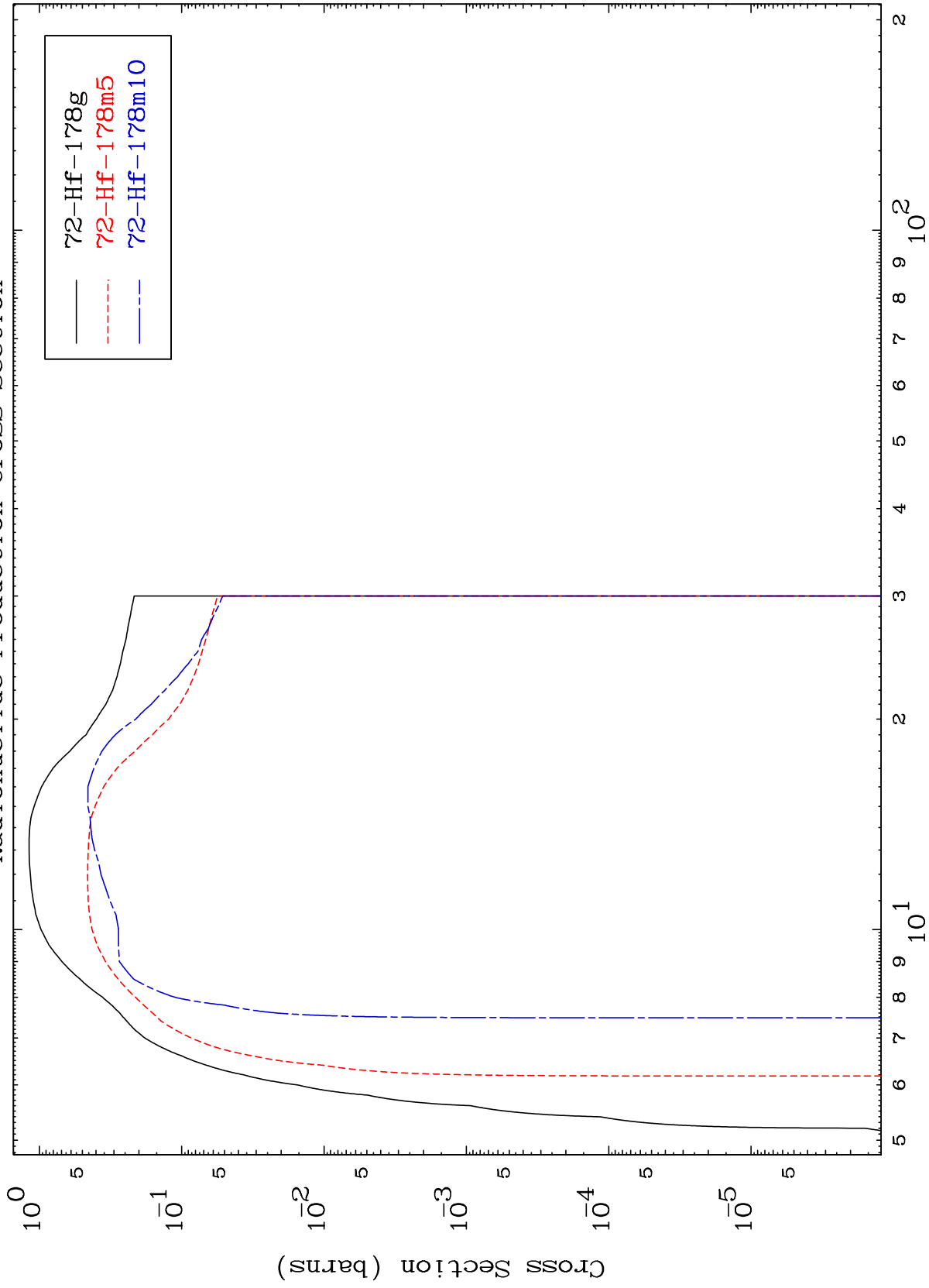
Incident Energy (MeV)

72-Hf-179

MAT 7242

72-Hf-179

(n,2n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

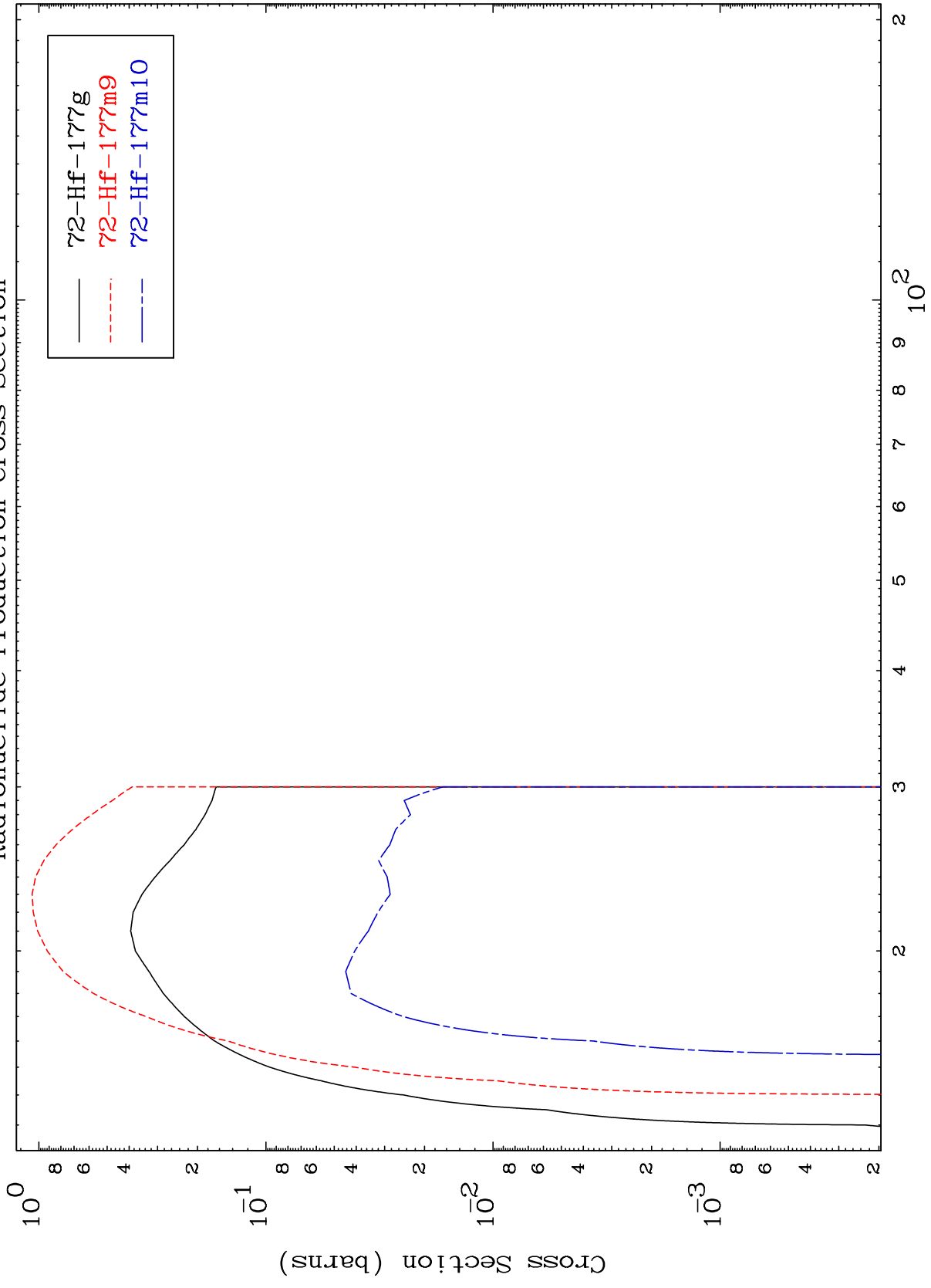
72-Hf-179

MAT 7242

(n,3n)

72-Hf-179

Radionuclide Production Cross Section



72-Hf-177g
72-Hf-177m9
72-Hf-177m10

22

Incident Energy (MeV)

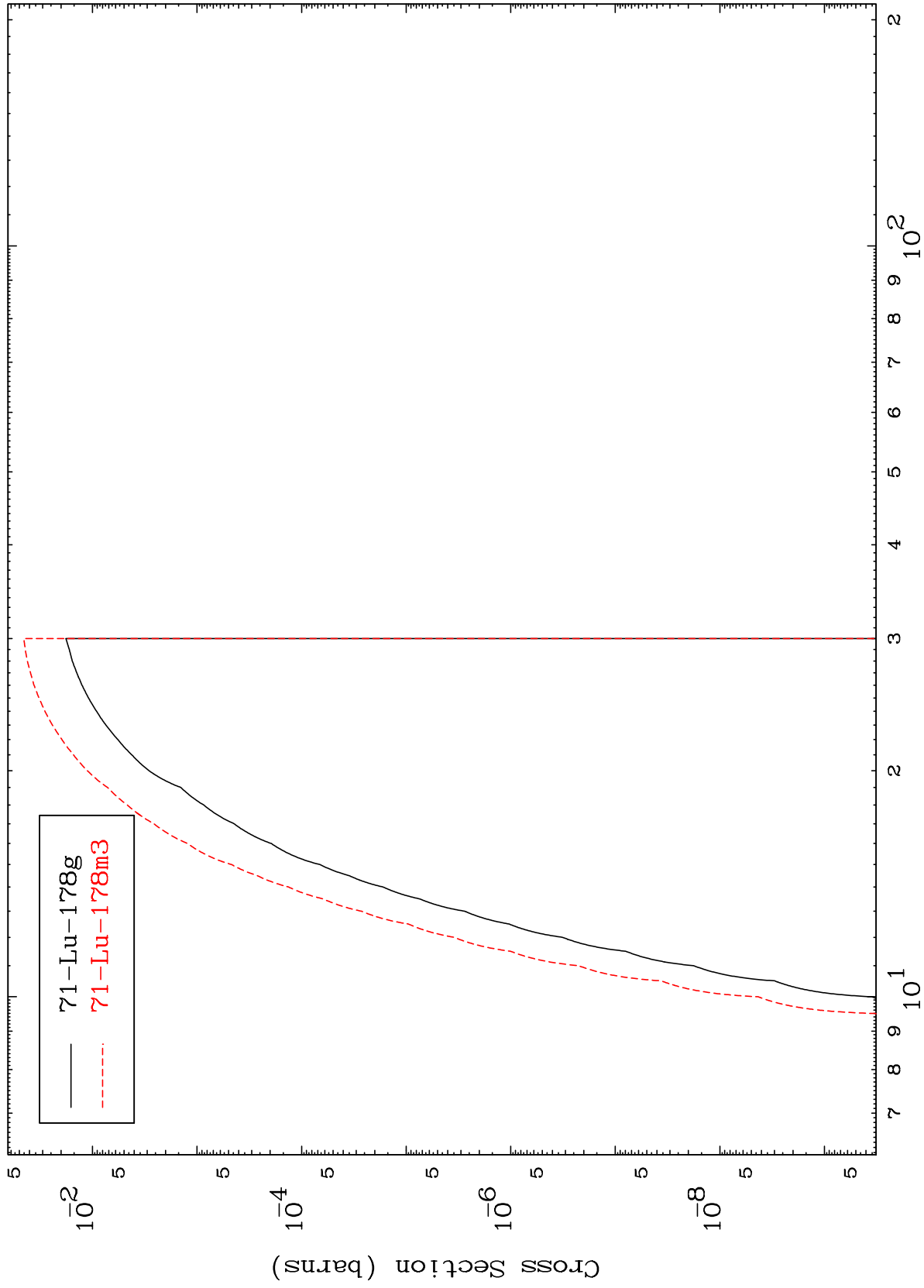
72-Hf-179

MAT 7242

(n,n') p

72-Hf-179

Radionuclide Production Cross Section



23

Incident Energy (MeV)

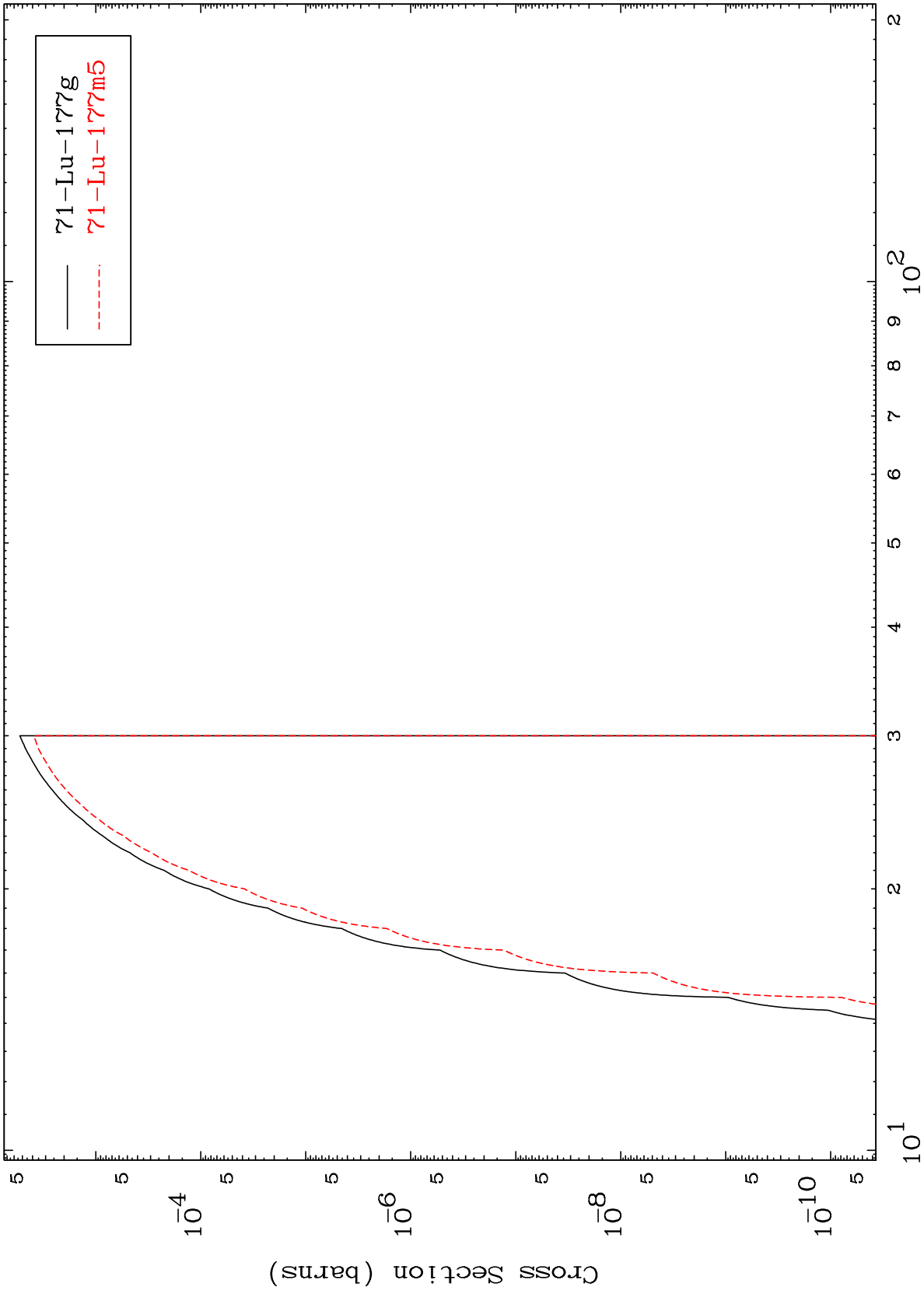
72-Hf-179

MAT 7242

(n,n') d

72-Hf-179

Radionuclide Production Cross Section



24

Incident Energy (MeV)

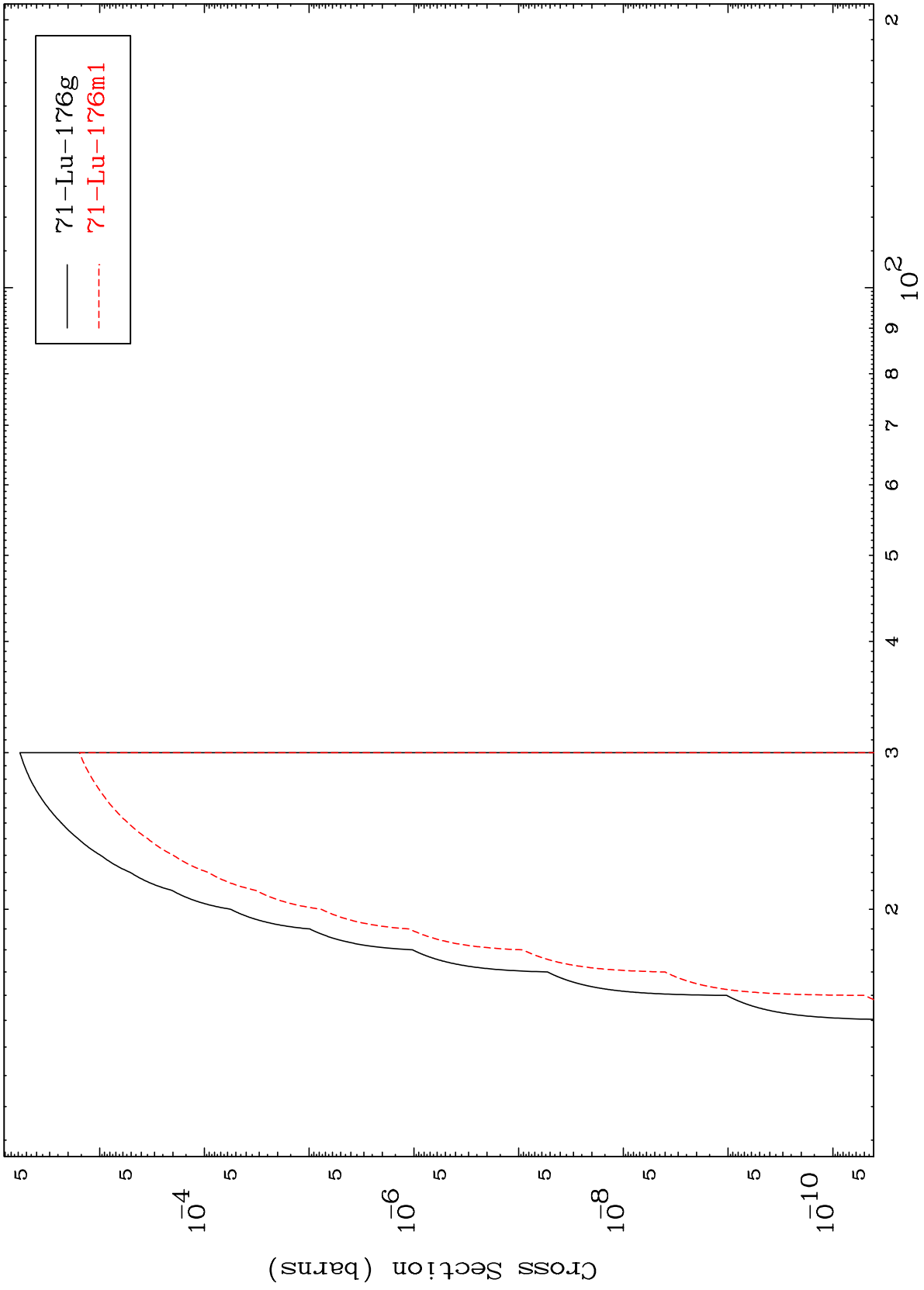
72-Hf-179

MAT 7242

(n,n') t

72-Hf-179

Radionuclide Production Cross Section



25

Incident Energy (MeV)

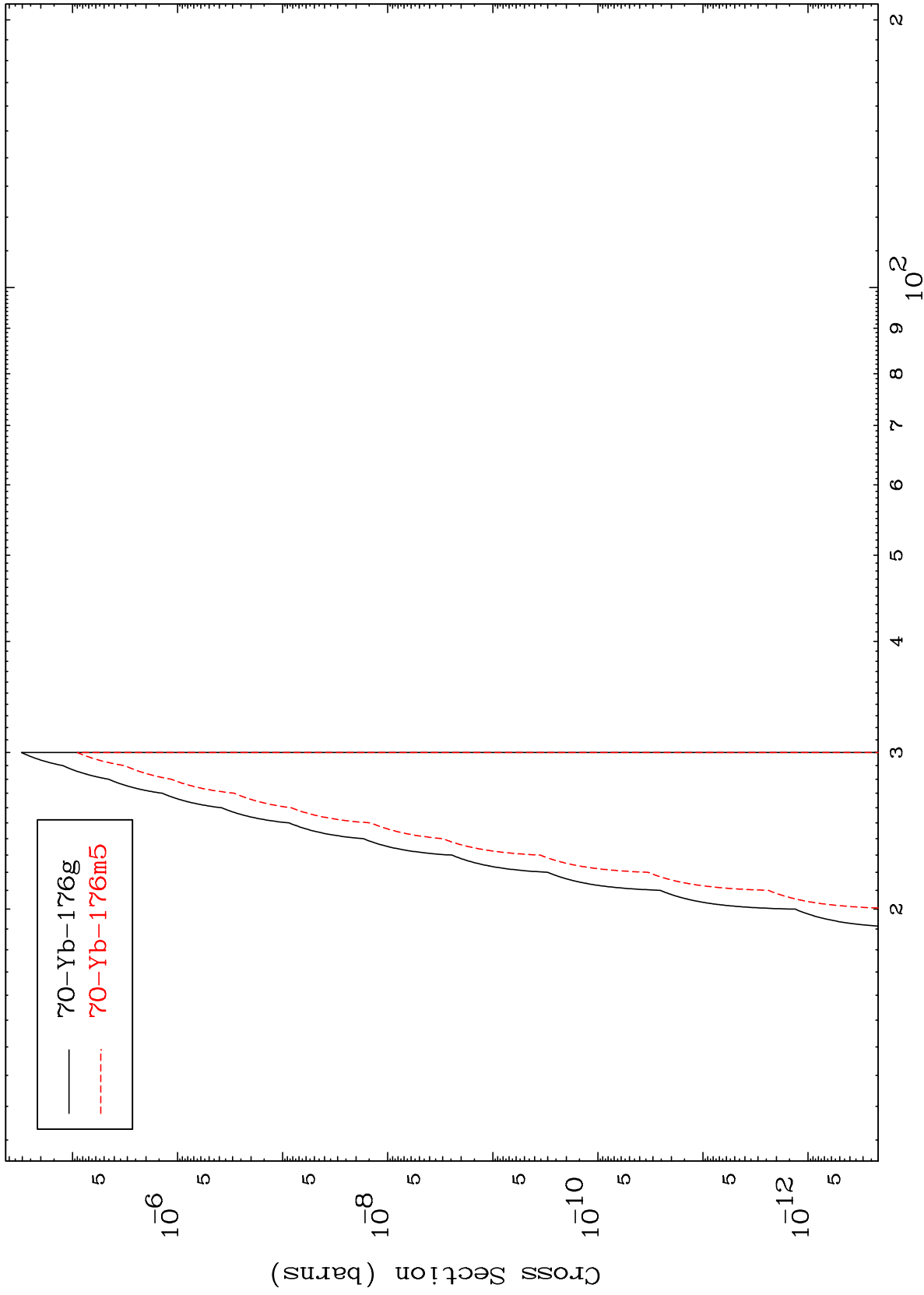
72-Hf-179

MAT 7242

(n, n') He-3

72-Hf-179

Radionuclide Production Cross Section



26

Incident Energy (MeV)

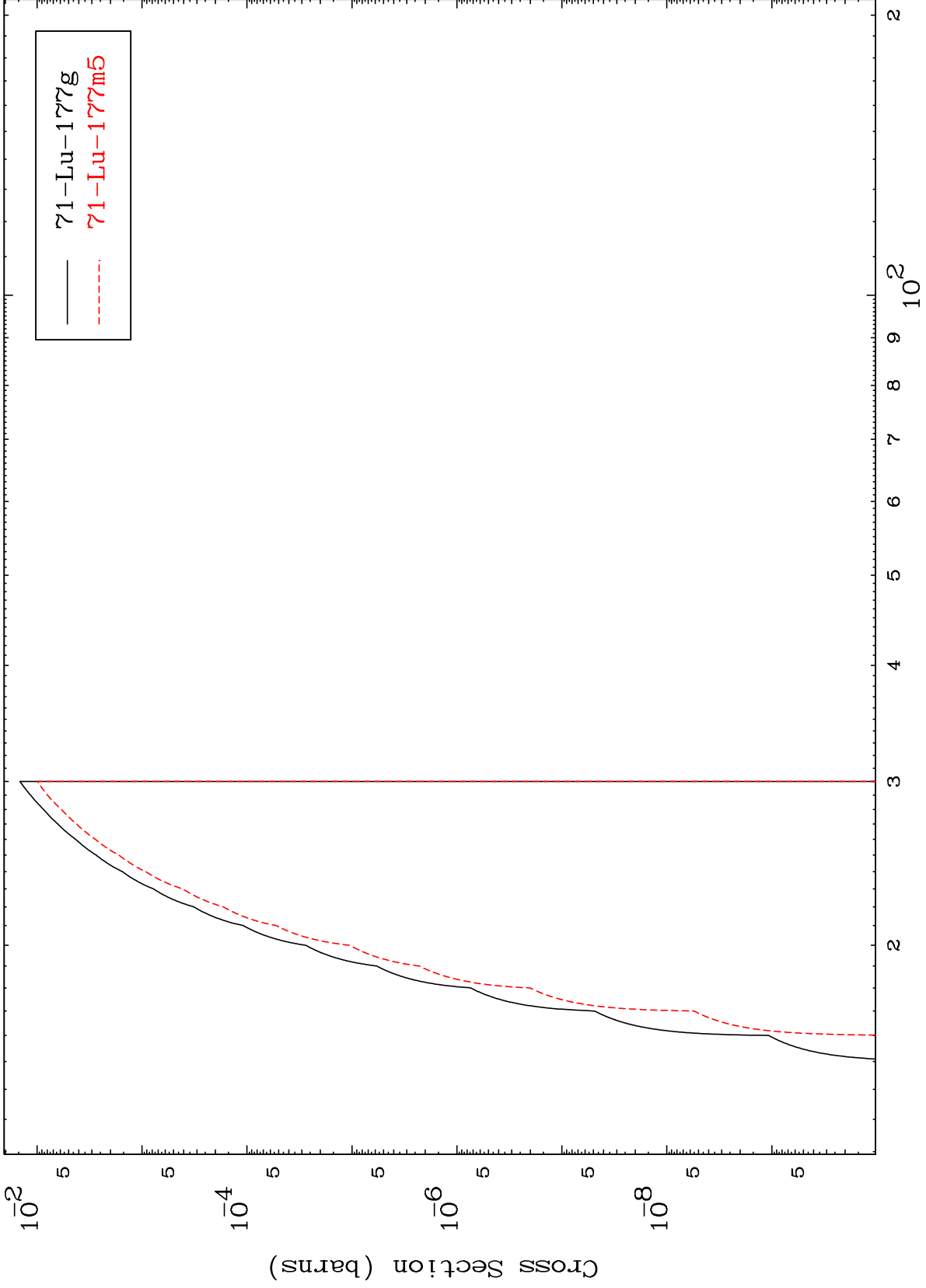
72-Hf-179

MAT 7242

(n,2n) p

72-Hf-179

Radionuclide Production Cross Section



27

Incident Energy (MeV)

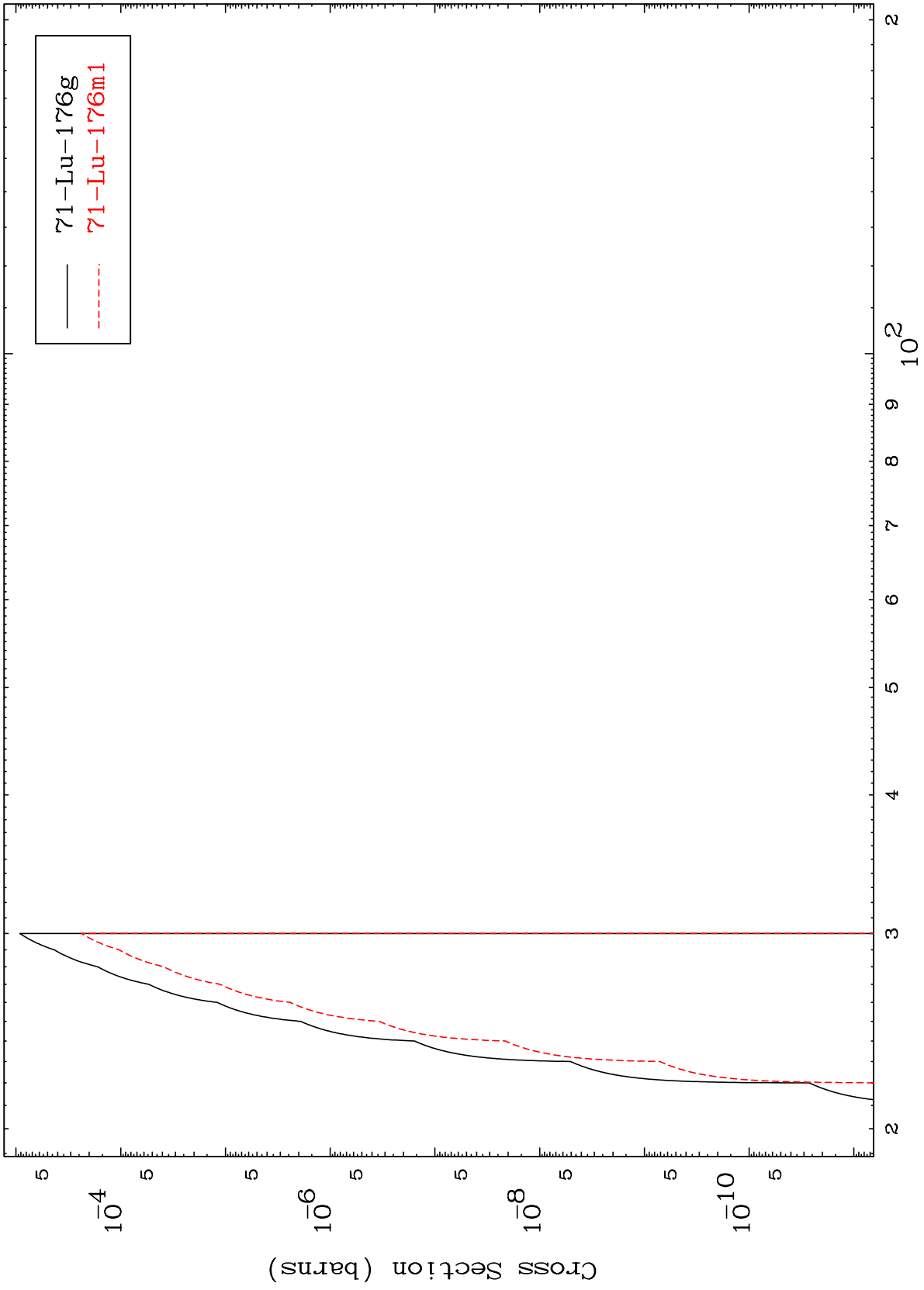
72-Hf-179

MAT 7242

(n,3n) p

72-Hf-179

Radionuclide Production Cross Section



28

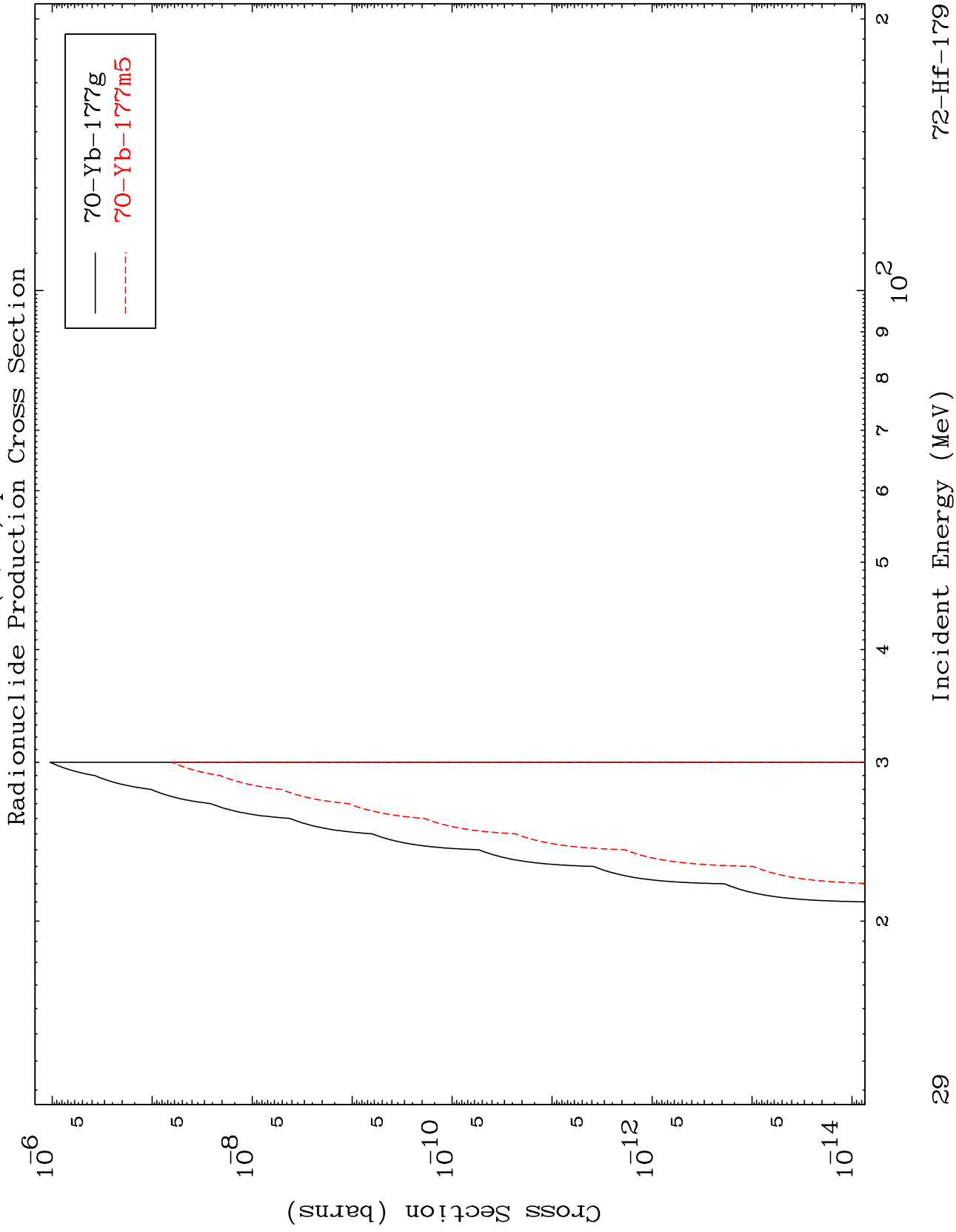
Incident Energy (MeV)

72-Hf-179

MAT 7242

(n,2n) p

72-Hf-179



29

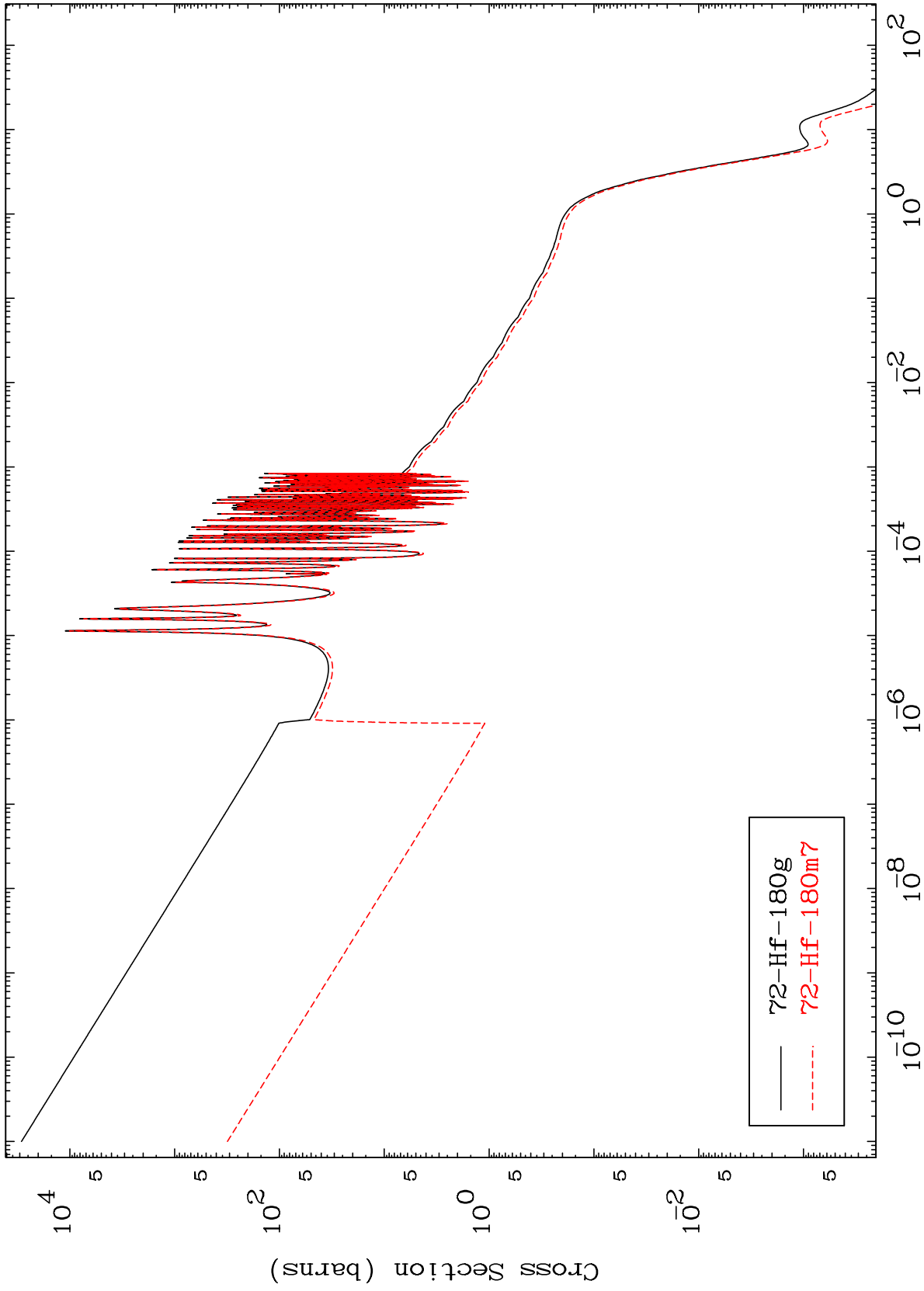
72-Hf-179

MAT 7242

72-Hf-179

Radionuclide Production Cross Section

(n, γ)



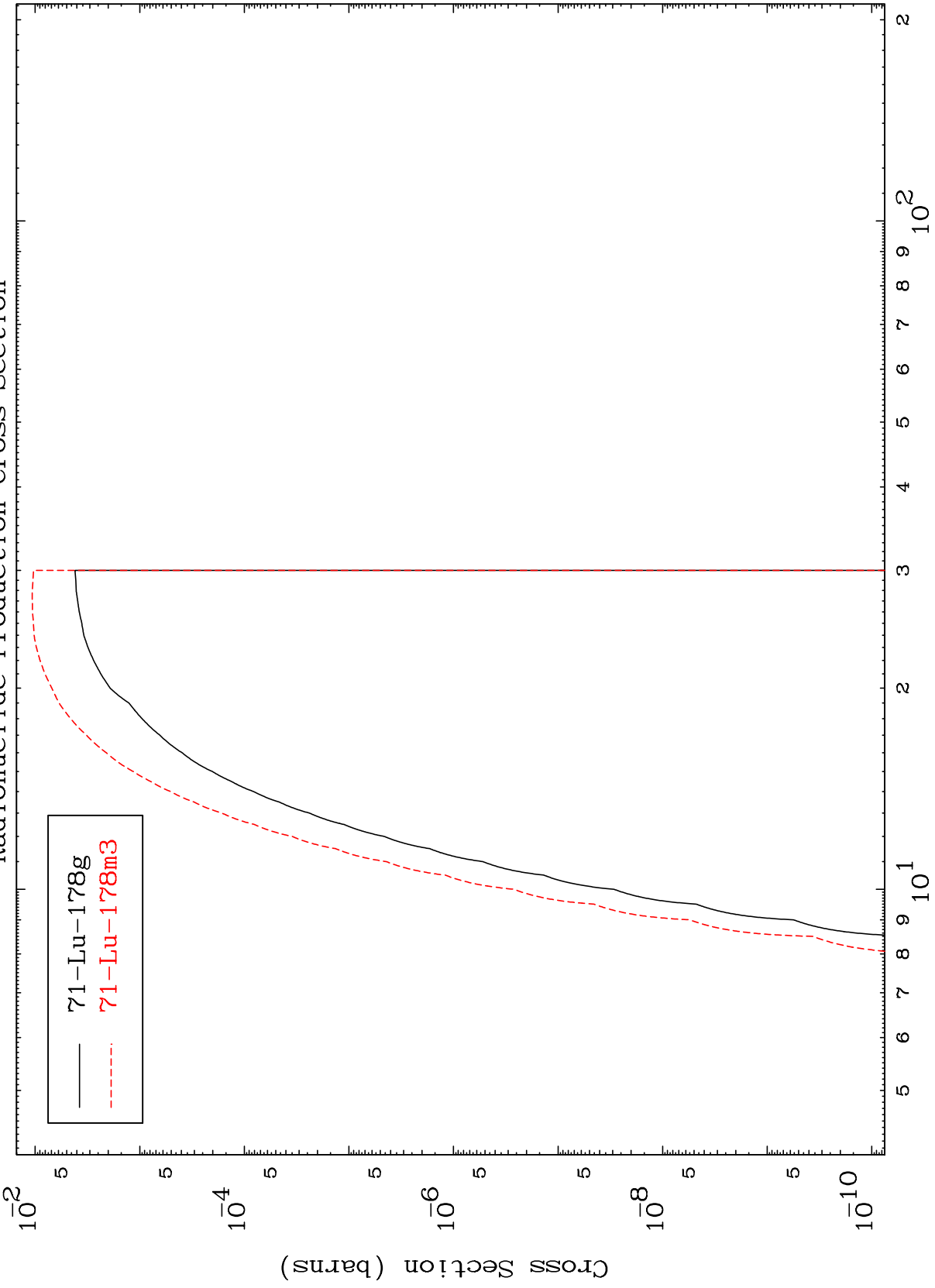
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72-Hf-179

MAT 7242

72-Hf-179

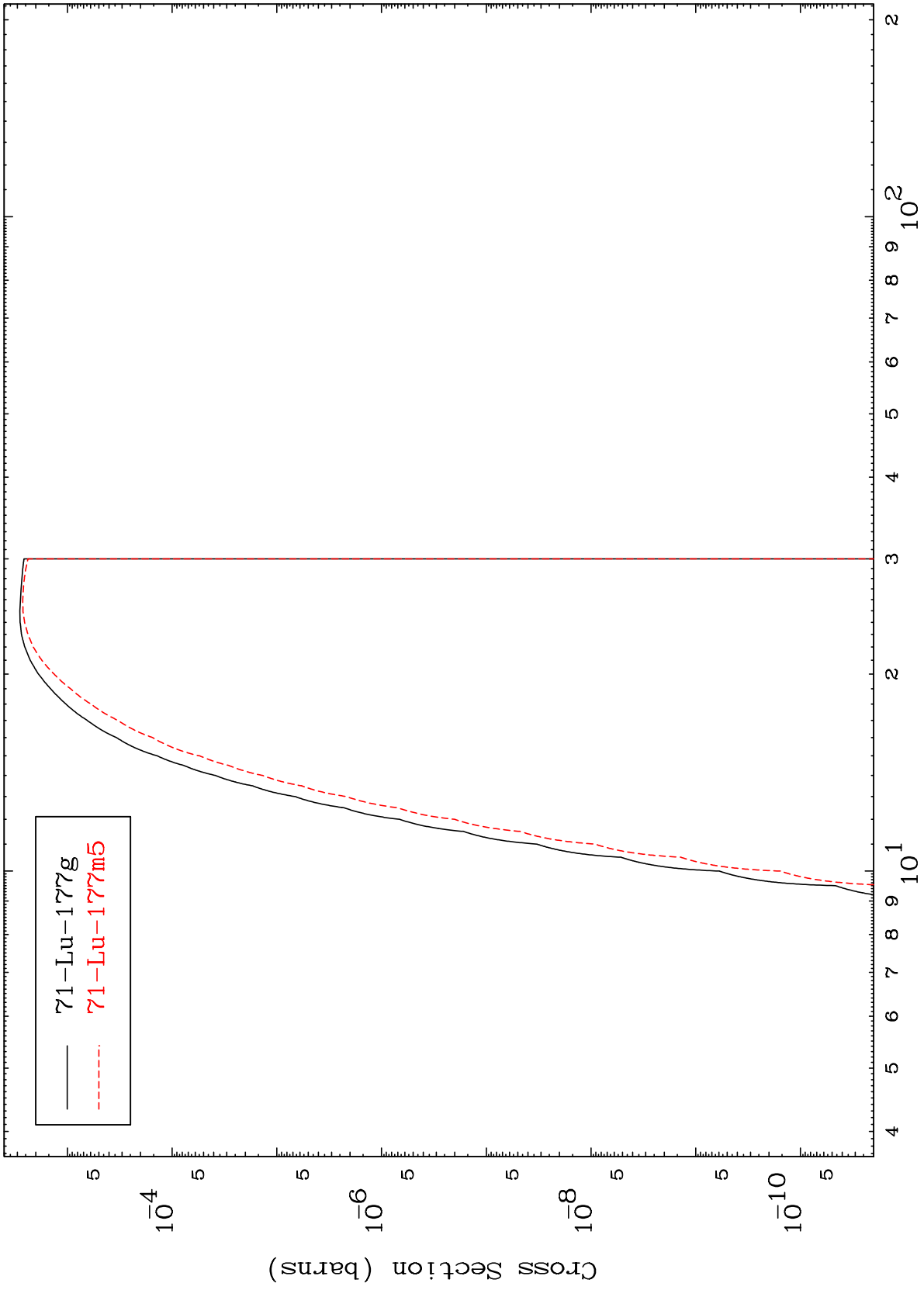
(n,d)
Radionuclide Production Cross Section



MAT 7242

72-Hf-179

(n, t)
Radionuclide Production Cross Section



32

Incident Energy (MeV)

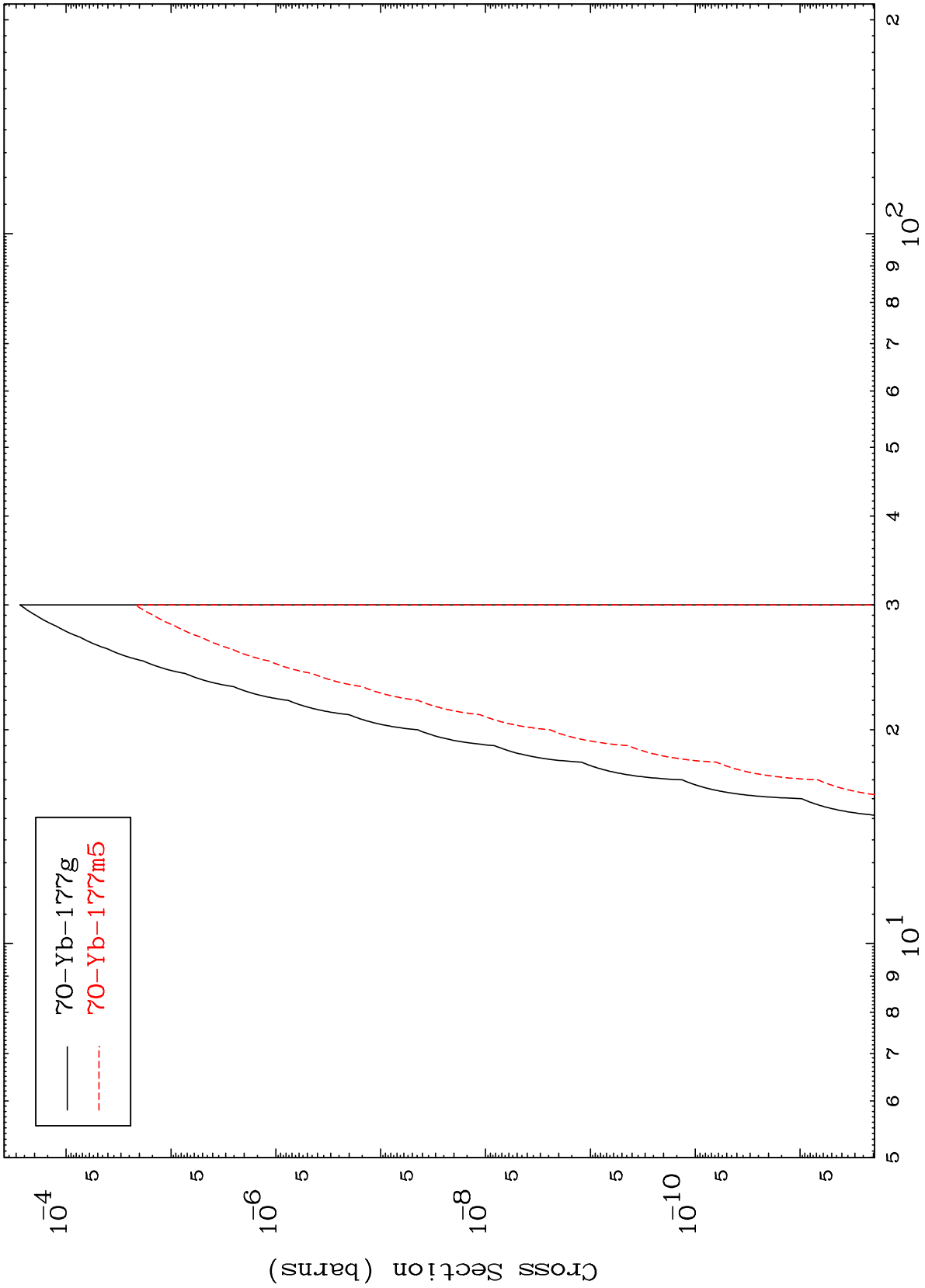
72-Hf-179

MAT 7242

(n,He-3)

72-Hf-179

Radionuclide Production Cross Section



33

Incident Energy (MeV)

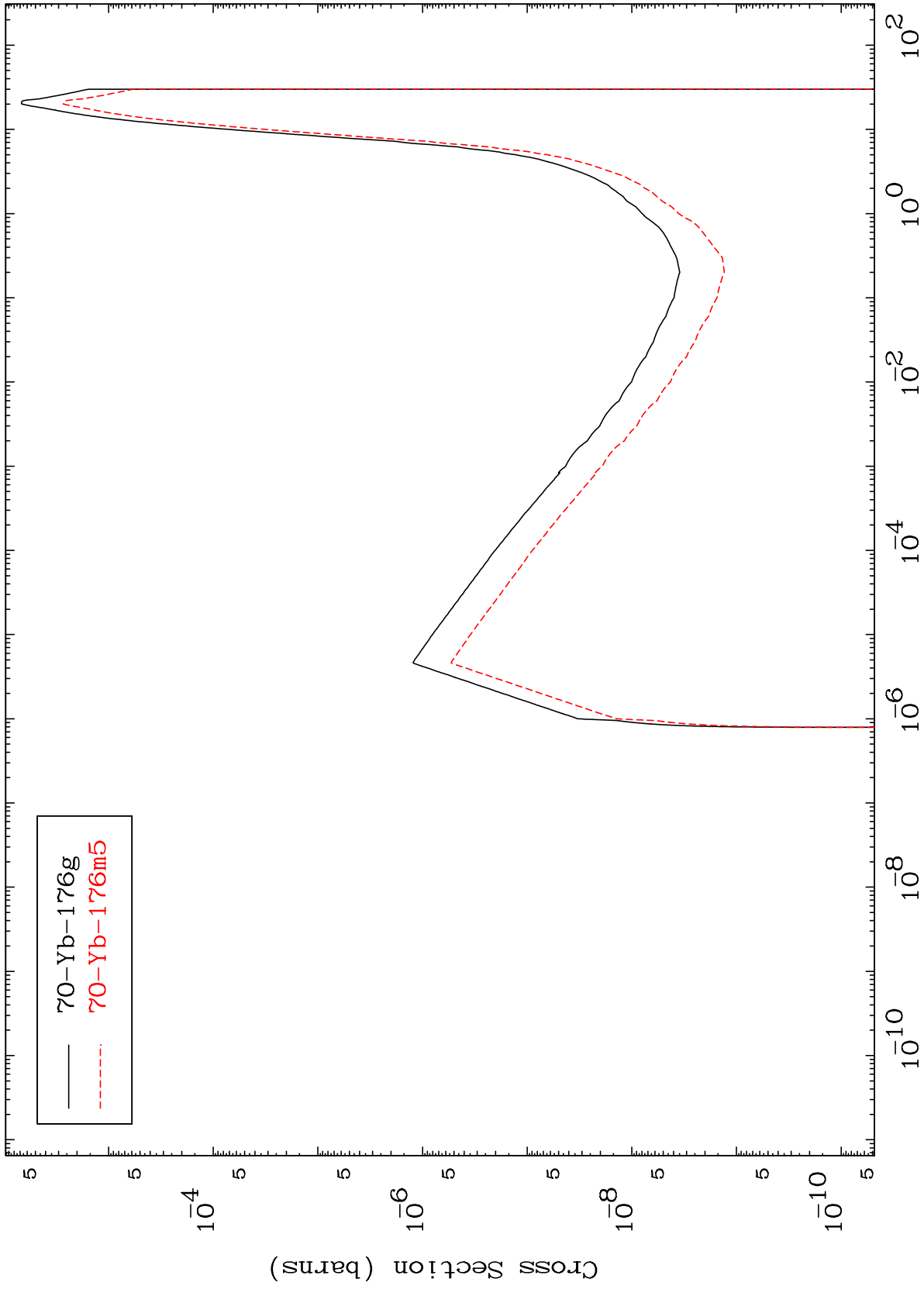
72-Hf-179

MAT 7242

(n, α)

72-Hf-179

Radionuclide Production Cross Section

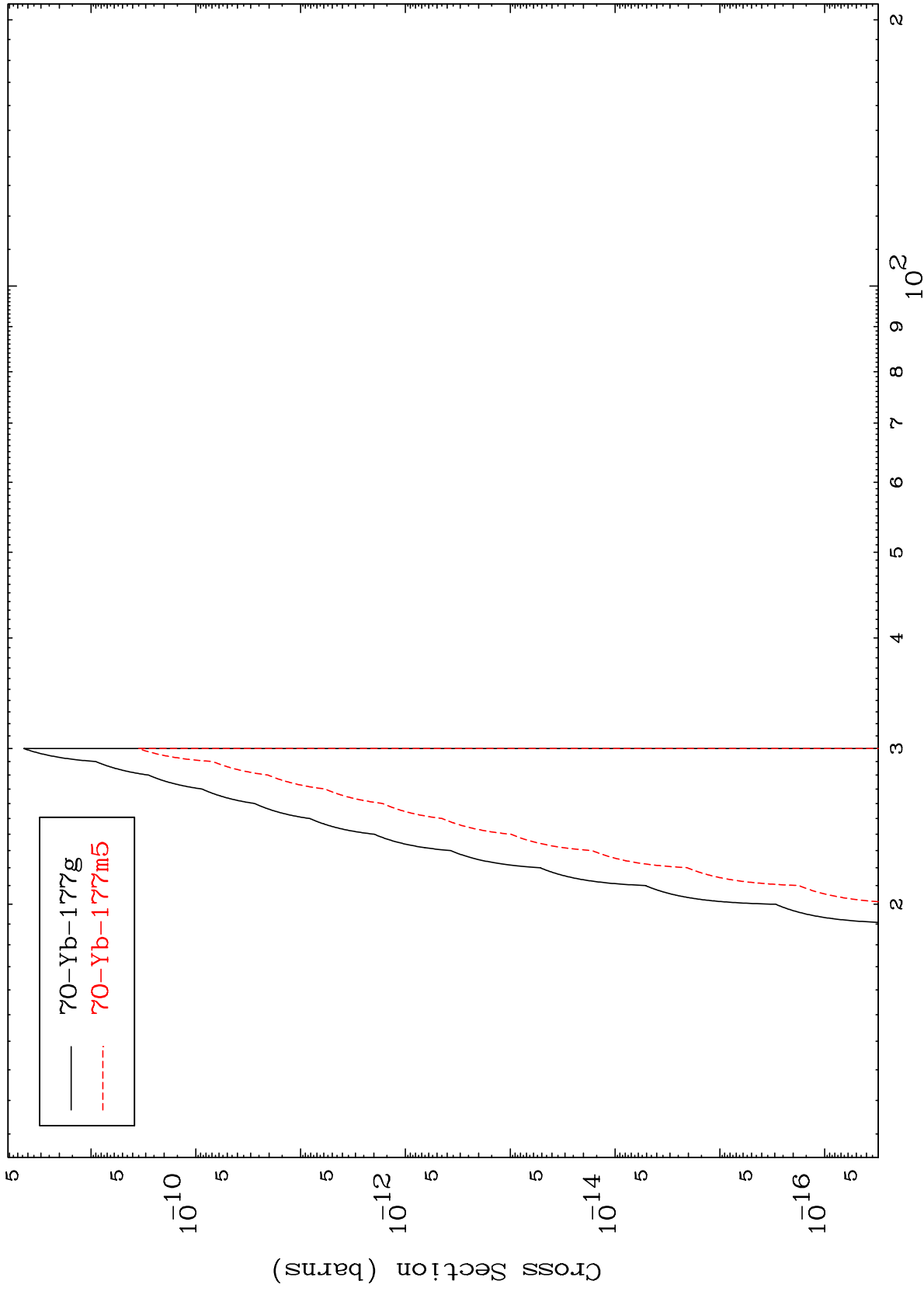


MAT 7242

(n,p) d

72-Hf-179

Radionuclide Production Cross Section



35

Incident Energy (MeV)

72-Hf-179