

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

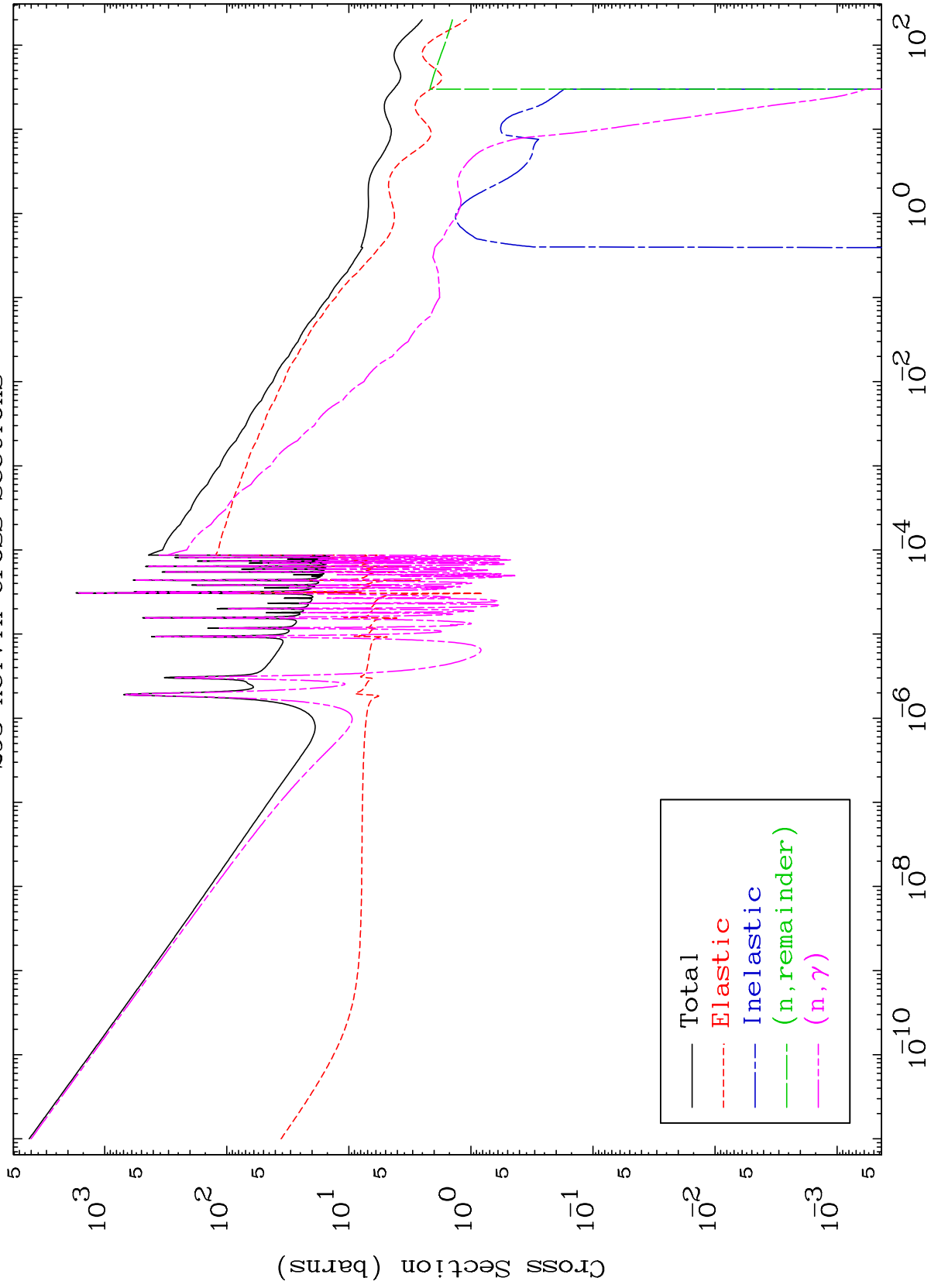
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7183

Major
293 Kelvin Cross Sections

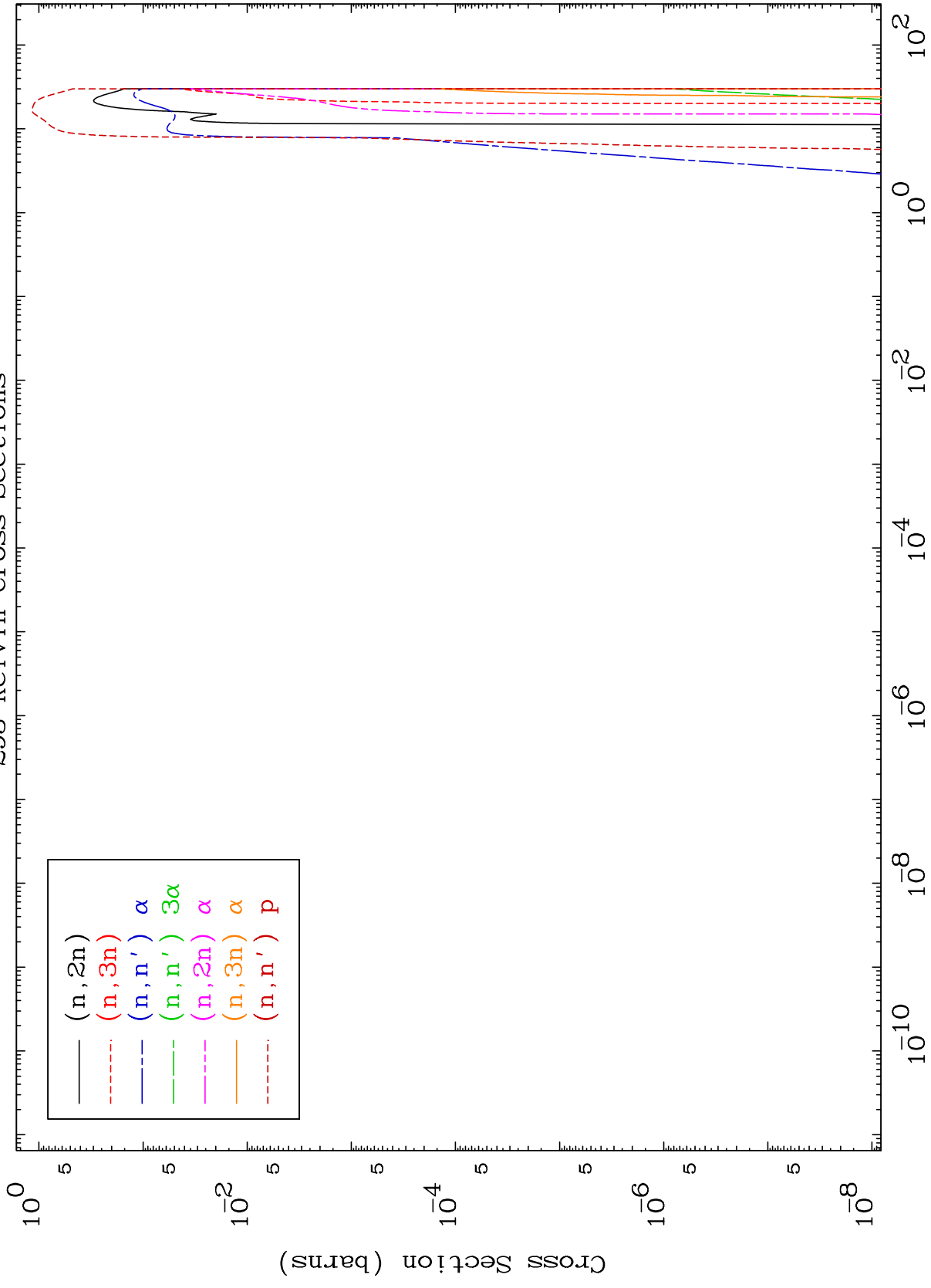
72-Hf-160



MAT 7183

Neutron Production
293 Kelvin Cross Sections

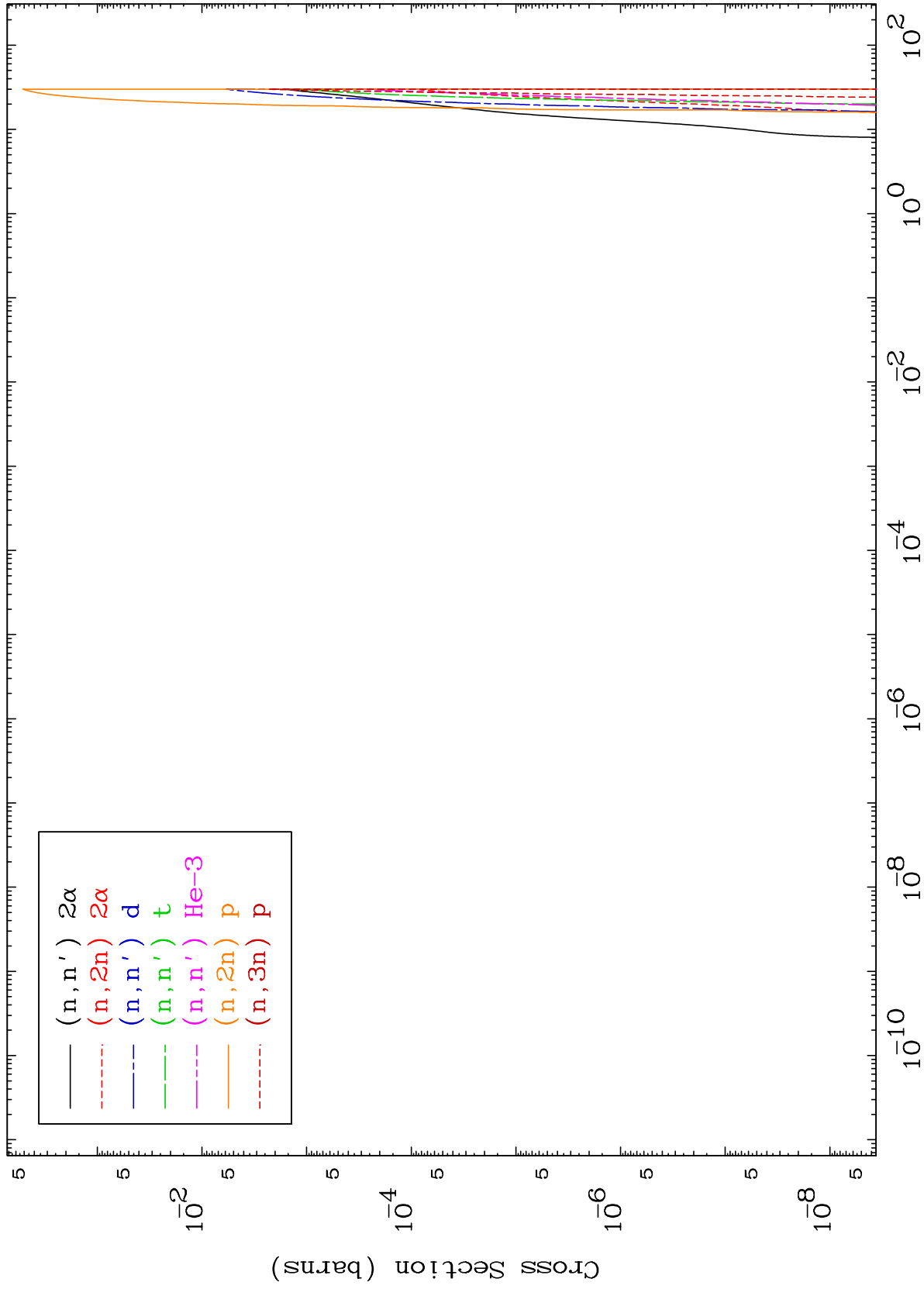
72-Hf-160



MAT 7183

Neutron Production
293 Kelvin Cross Sections

72-Hf-160



3

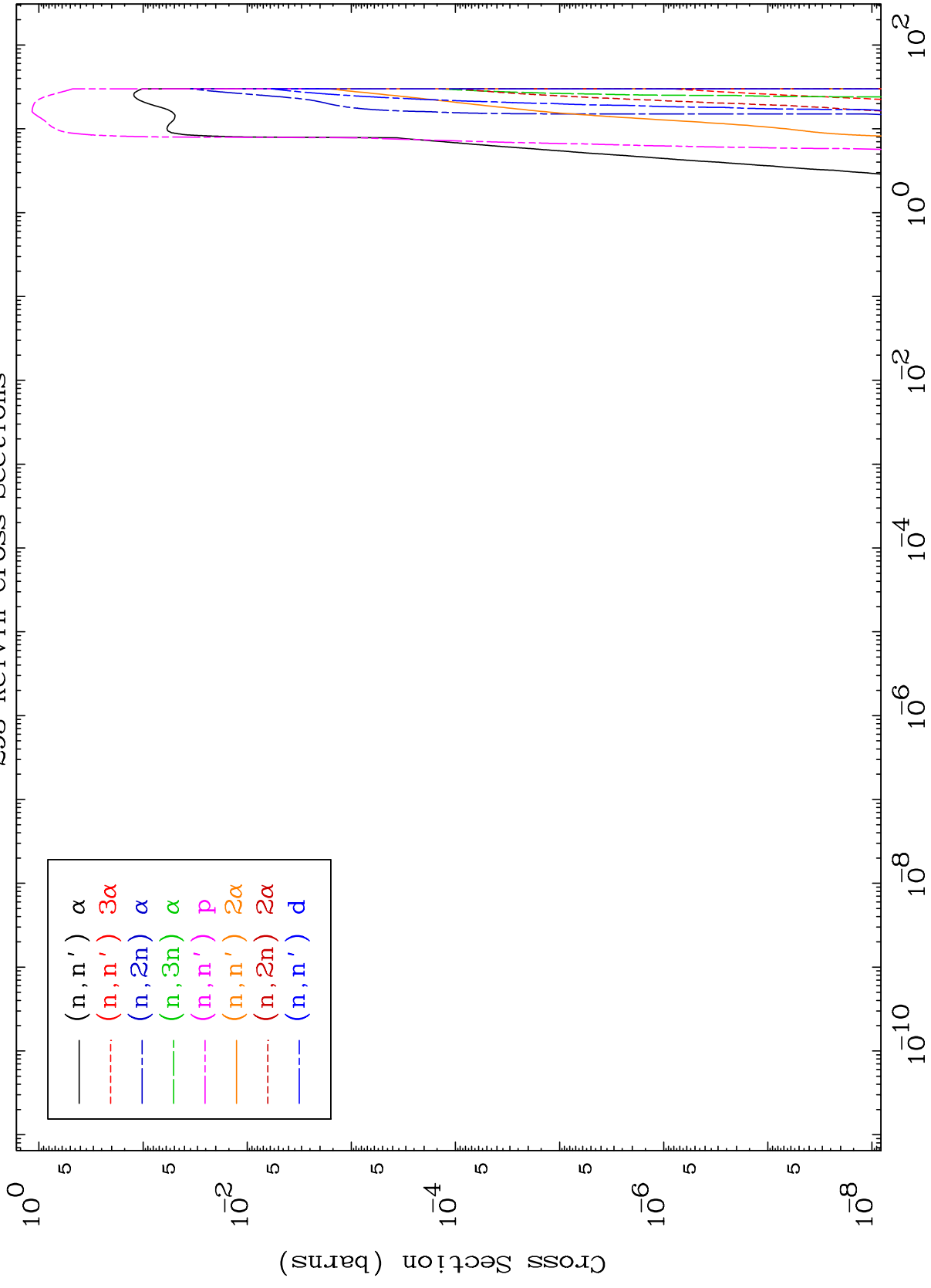
Incident Energy (MeV)

72-Hf-160

MAT 7183

293 Kelvin Cross Sections

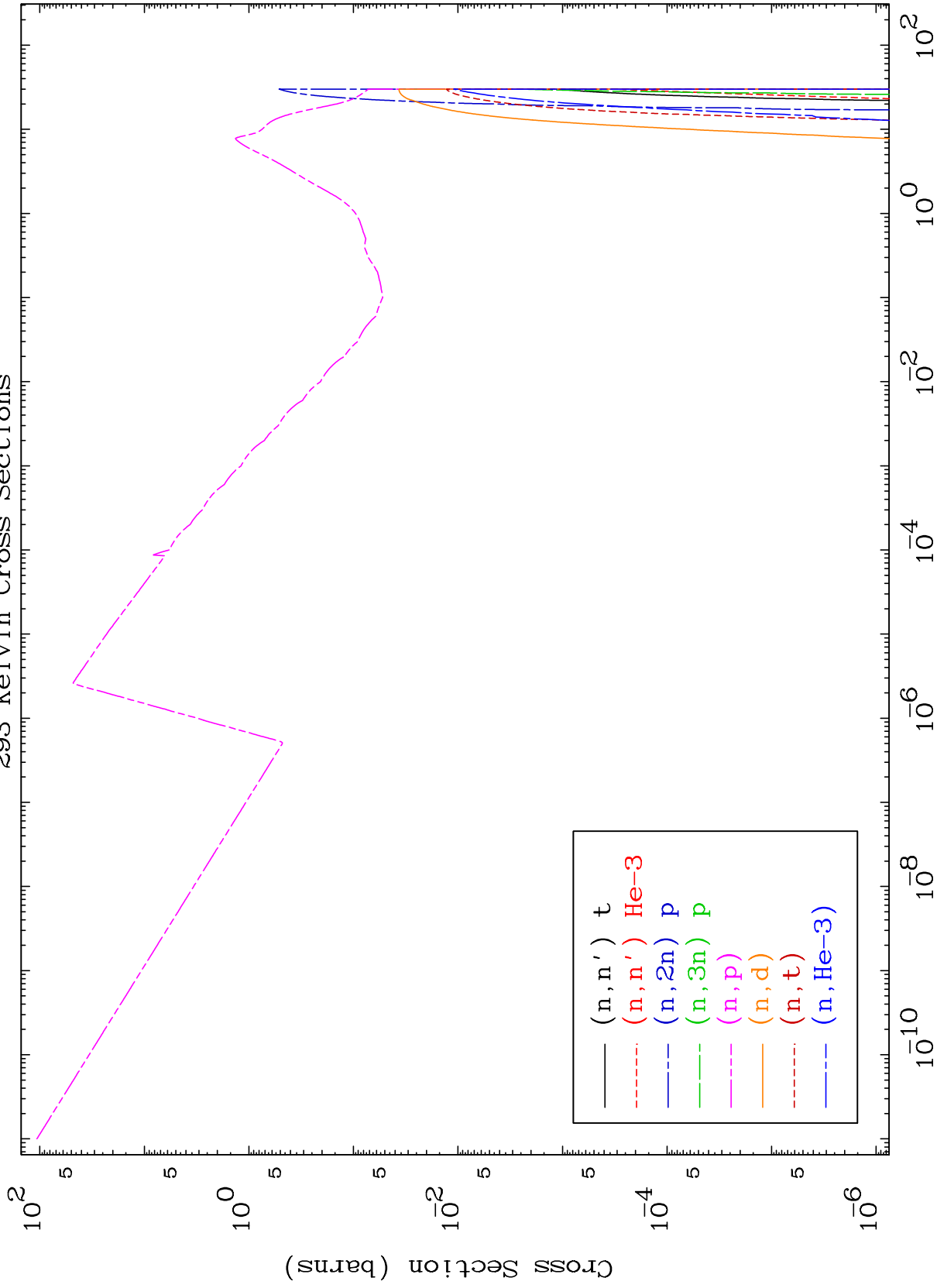
72-Hf-160

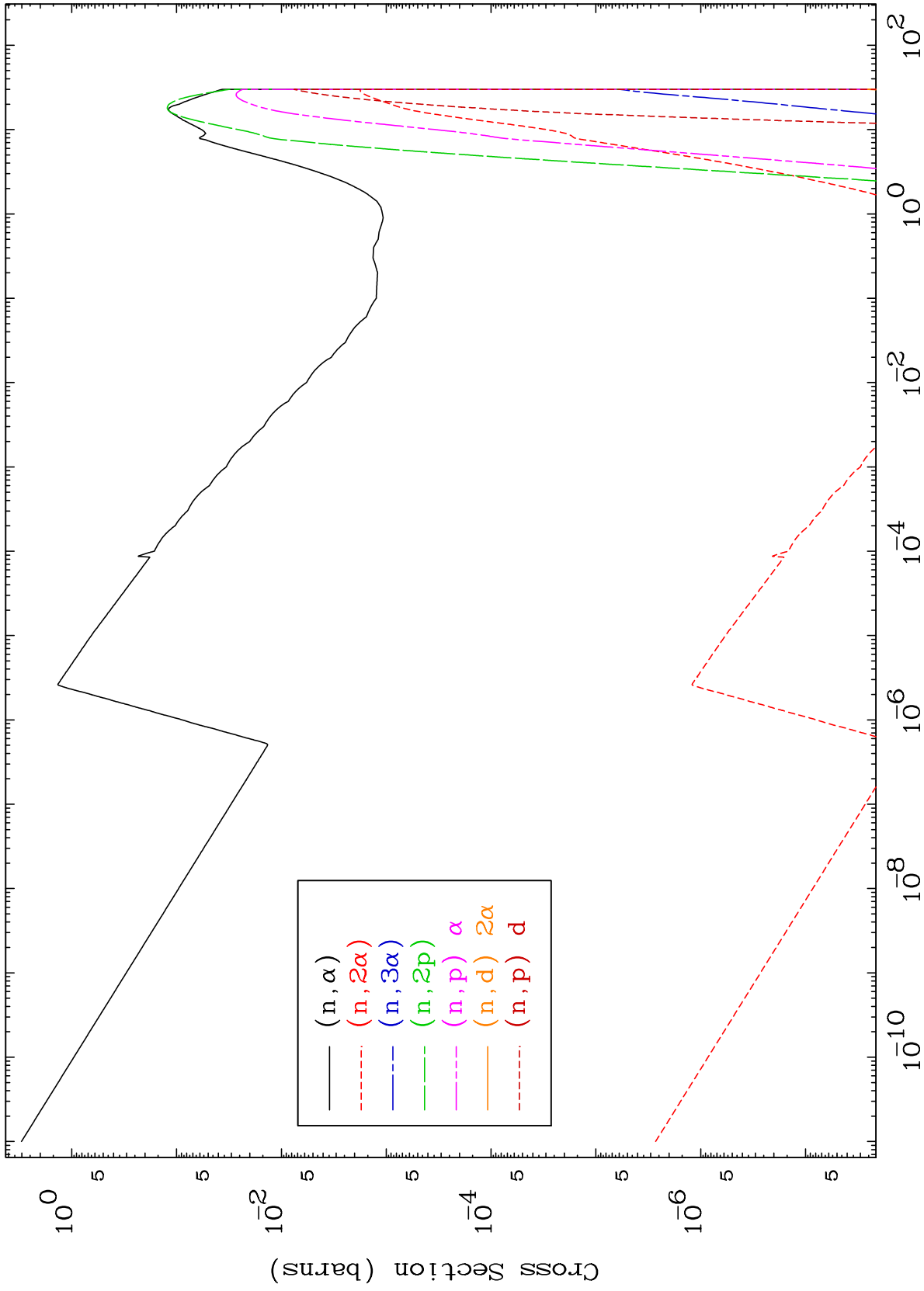


MAT 7183

293 Kelvin Cross Sections

72-Hf-160

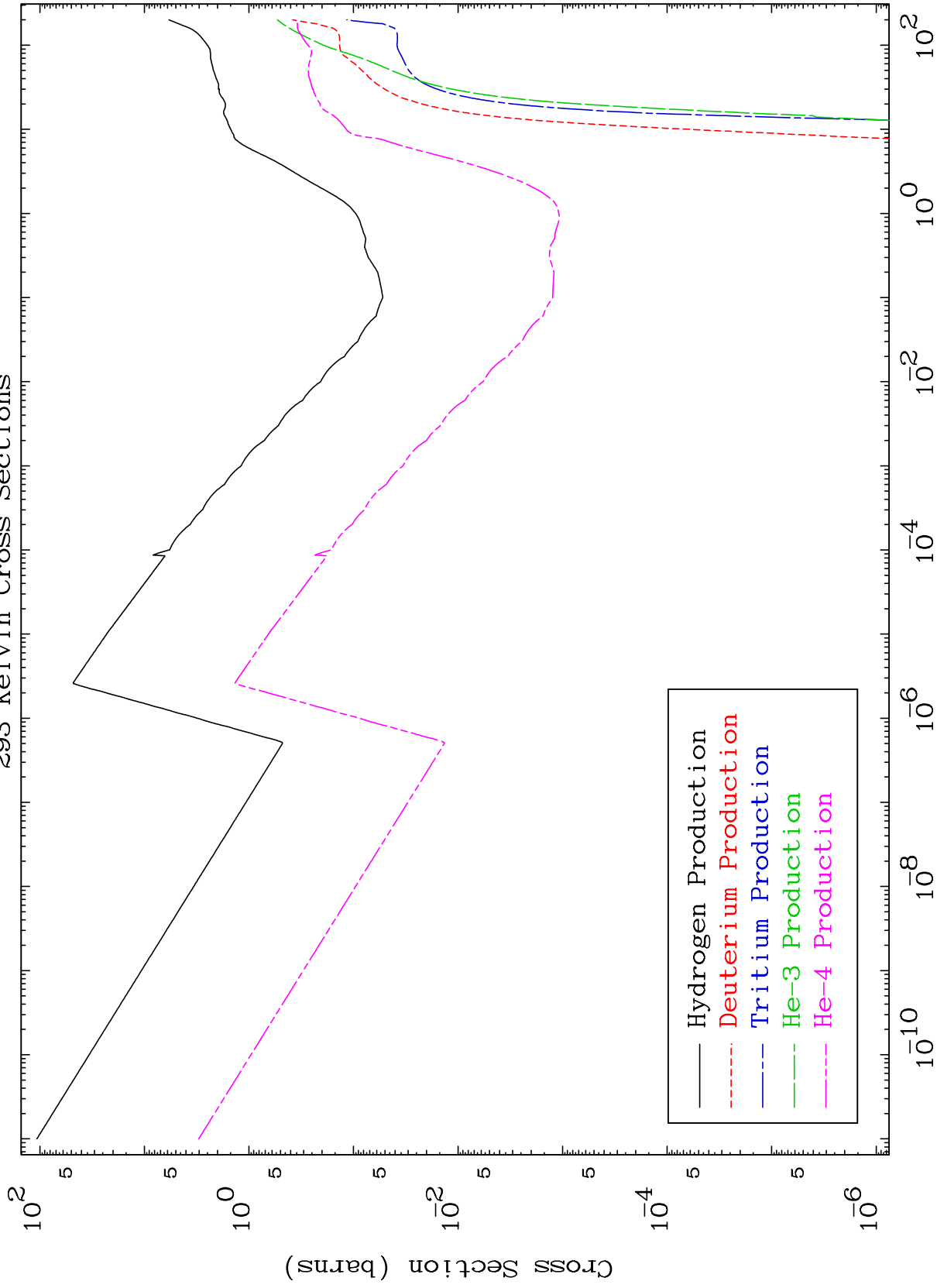




MAT 7183

Particle Production
293 Kelvin Cross Sections

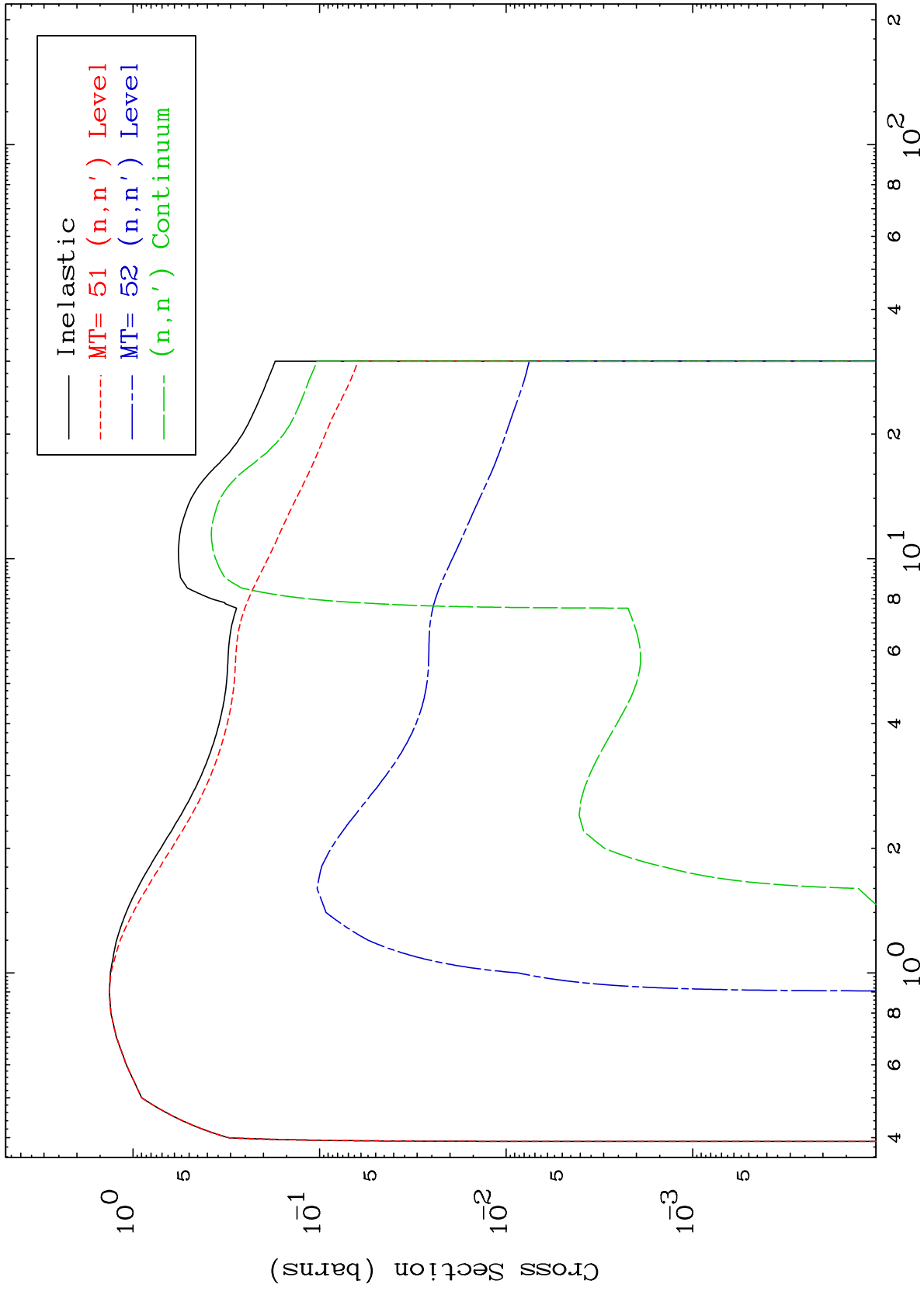
72-Hf-160



MAT 7183

(n,n') Level
293 Kelvin Cross Sections

72-Hf-160



8

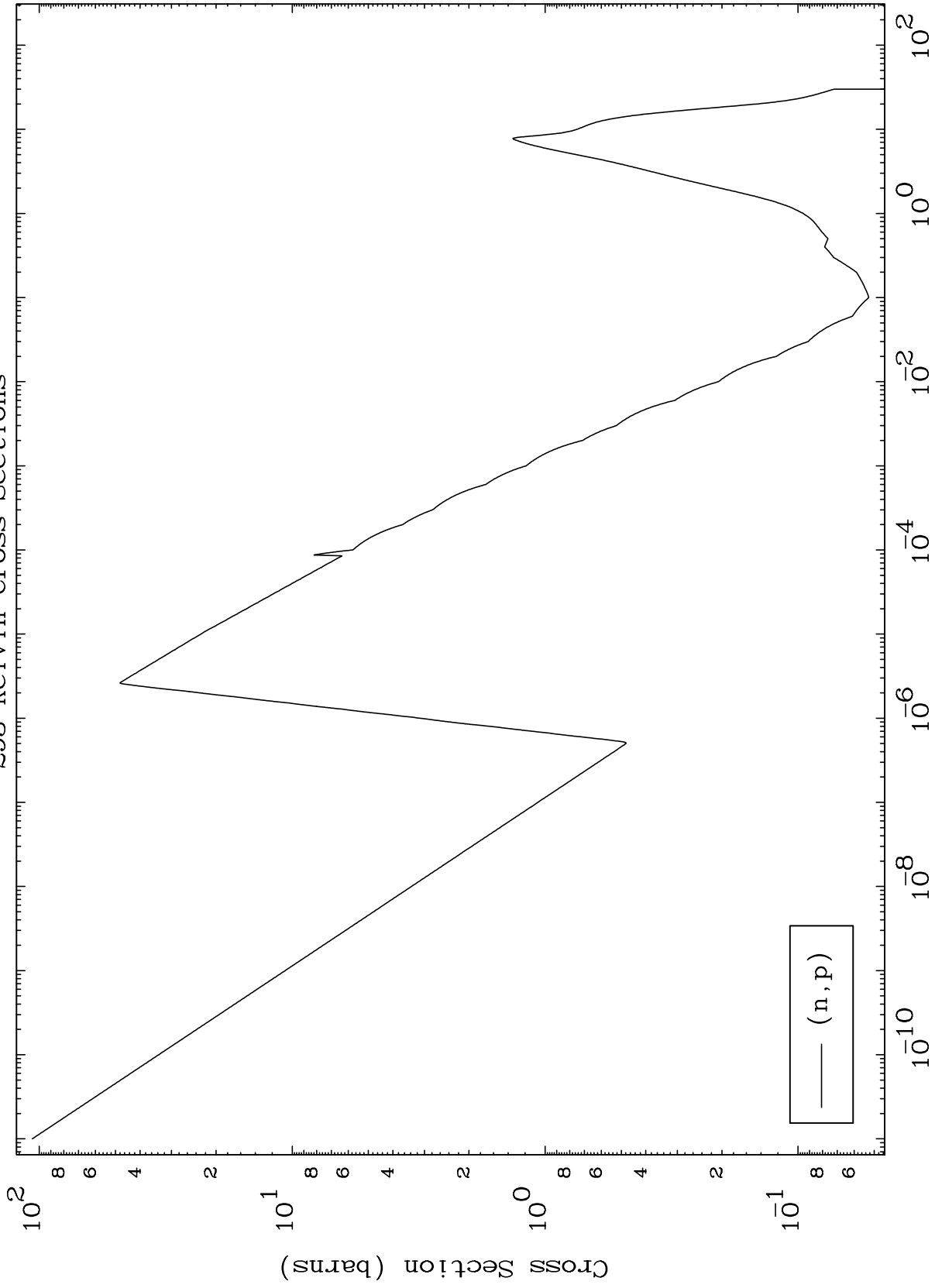
Incident Energy (MeV)

72-Hf-160

MAT 7183

(n,p) Levels
293 Kelvin Cross Sections

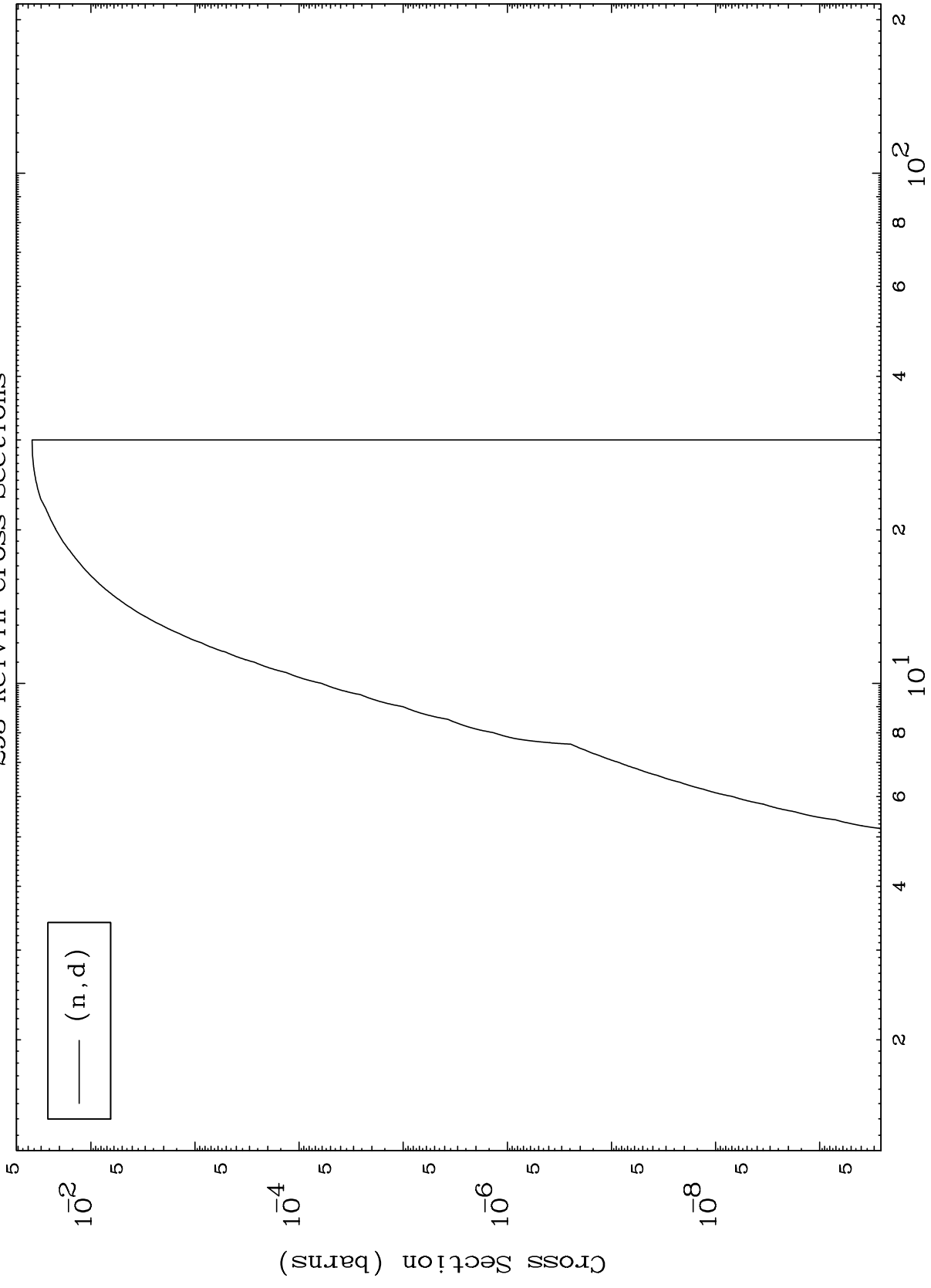
72-Hf-160



MAT 7183

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-160



10

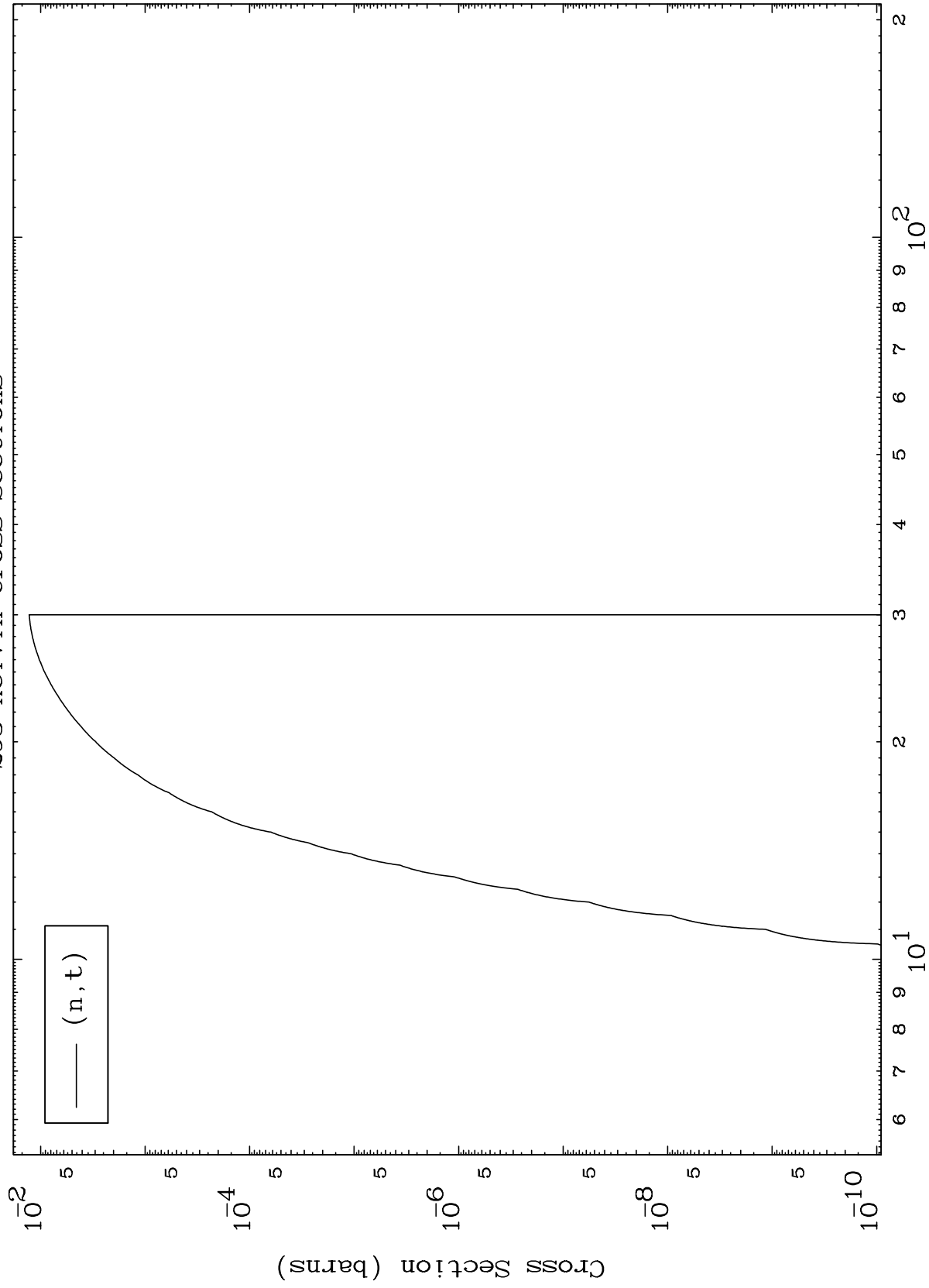
Incident Energy (MeV)

72-Hf-160

MAT 7183

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-160



11

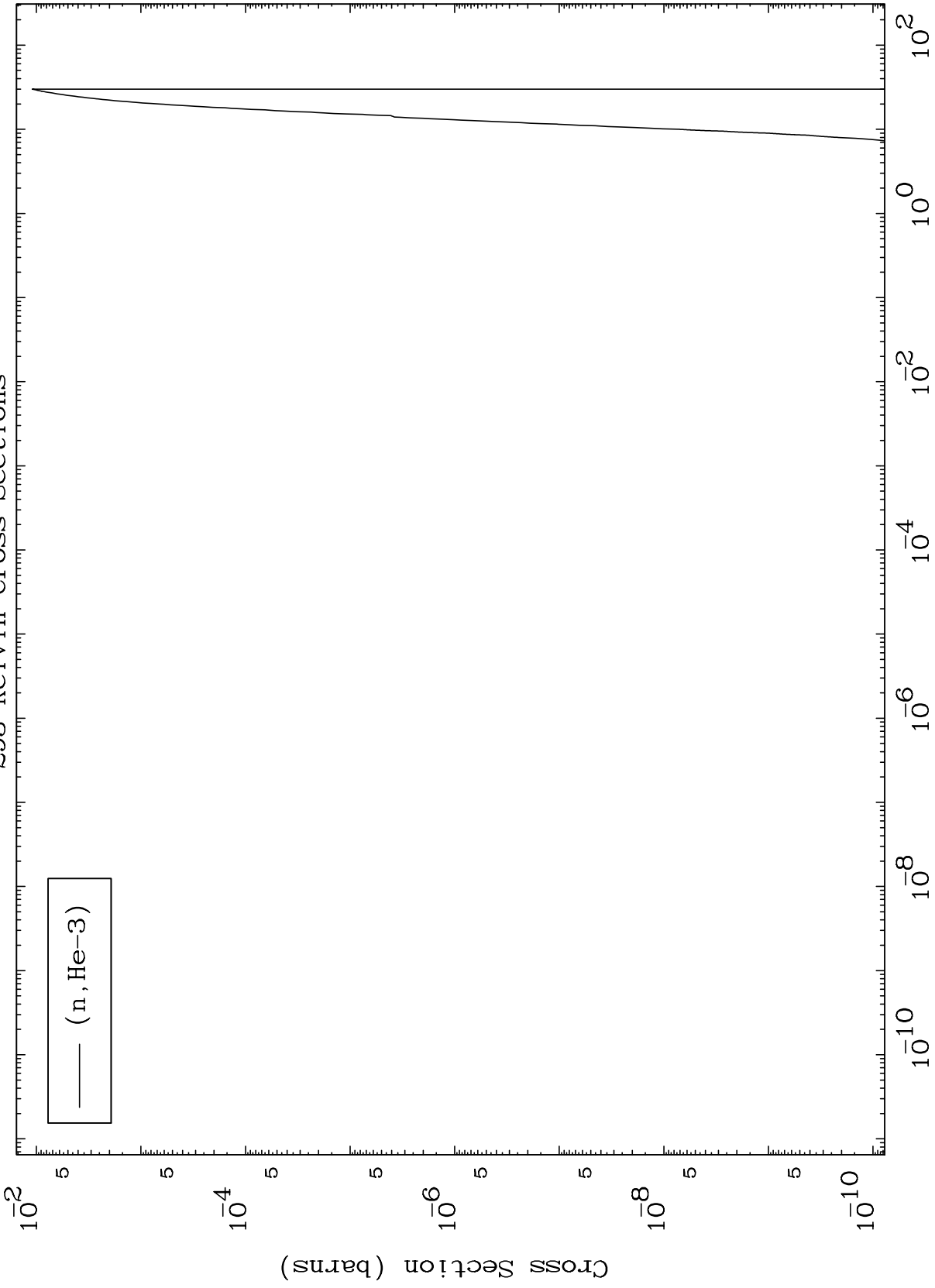
Incident Energy (MeV)

72-Hf-160

MAT 7183

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-160



12

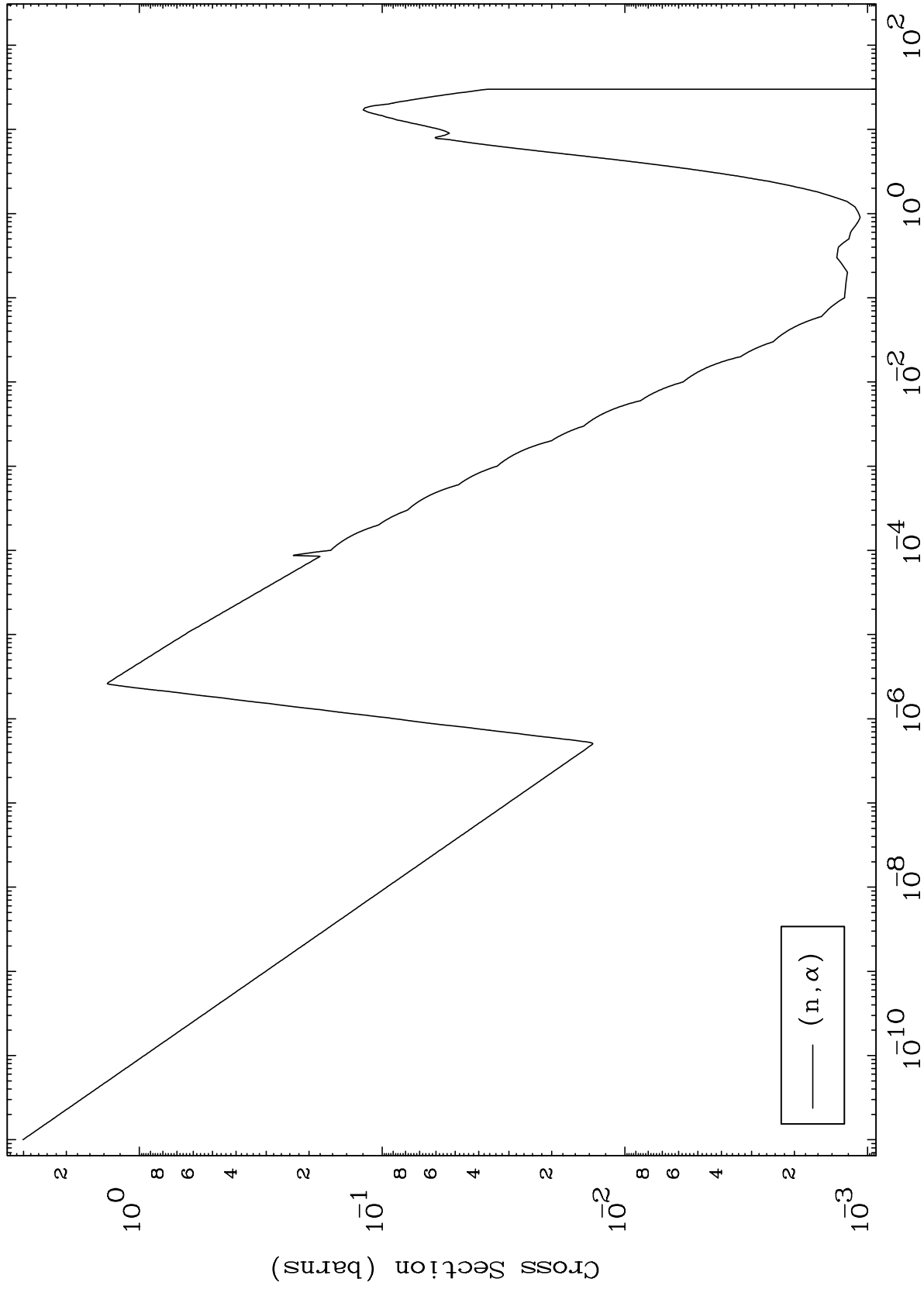
Incident Energy (MeV)

72-Hf-160

MAT 7183

(n, α) Levels
293 Kelvin Cross Sections

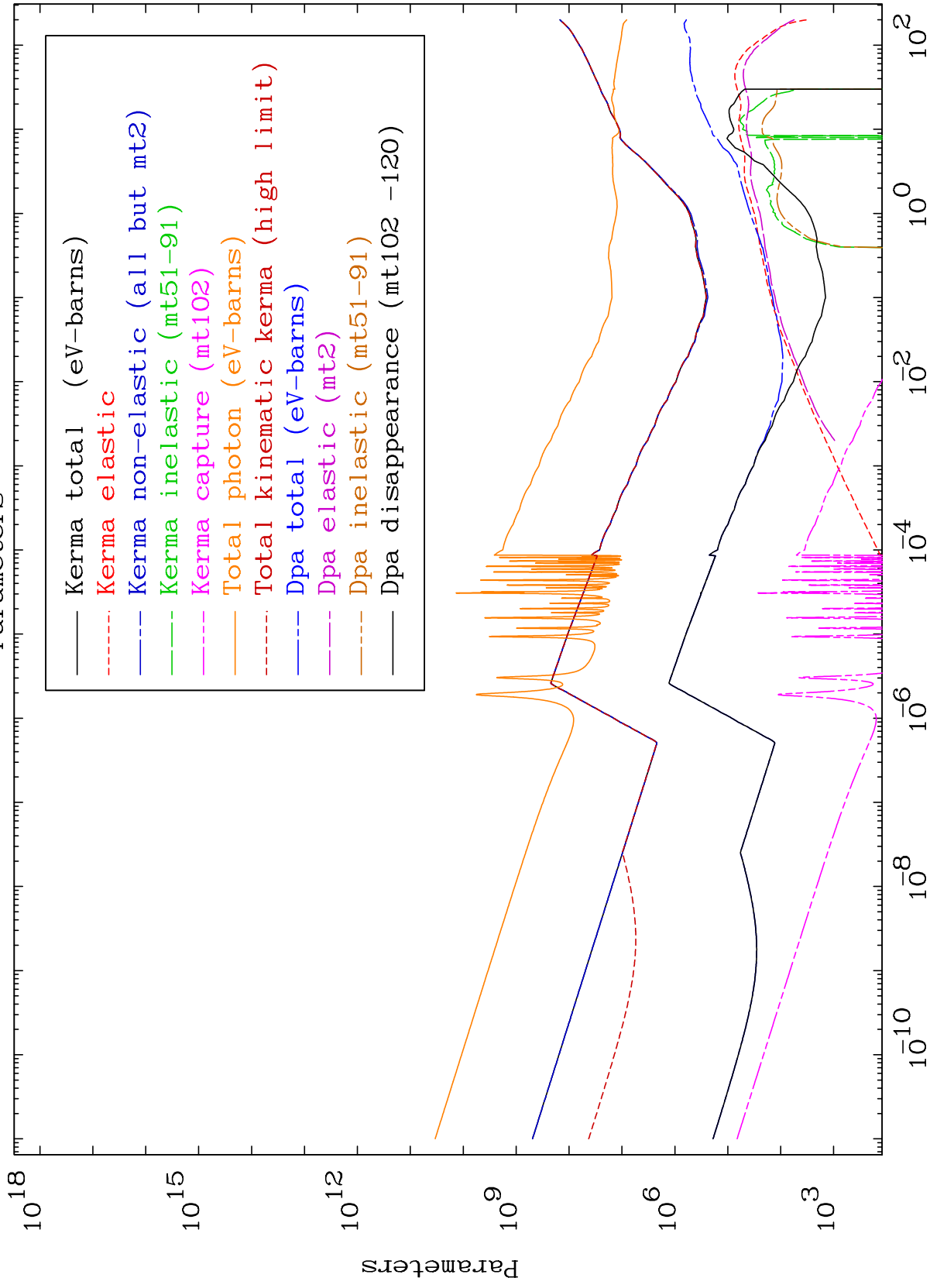
72-Hf-160



13

Incident Energy (MeV)

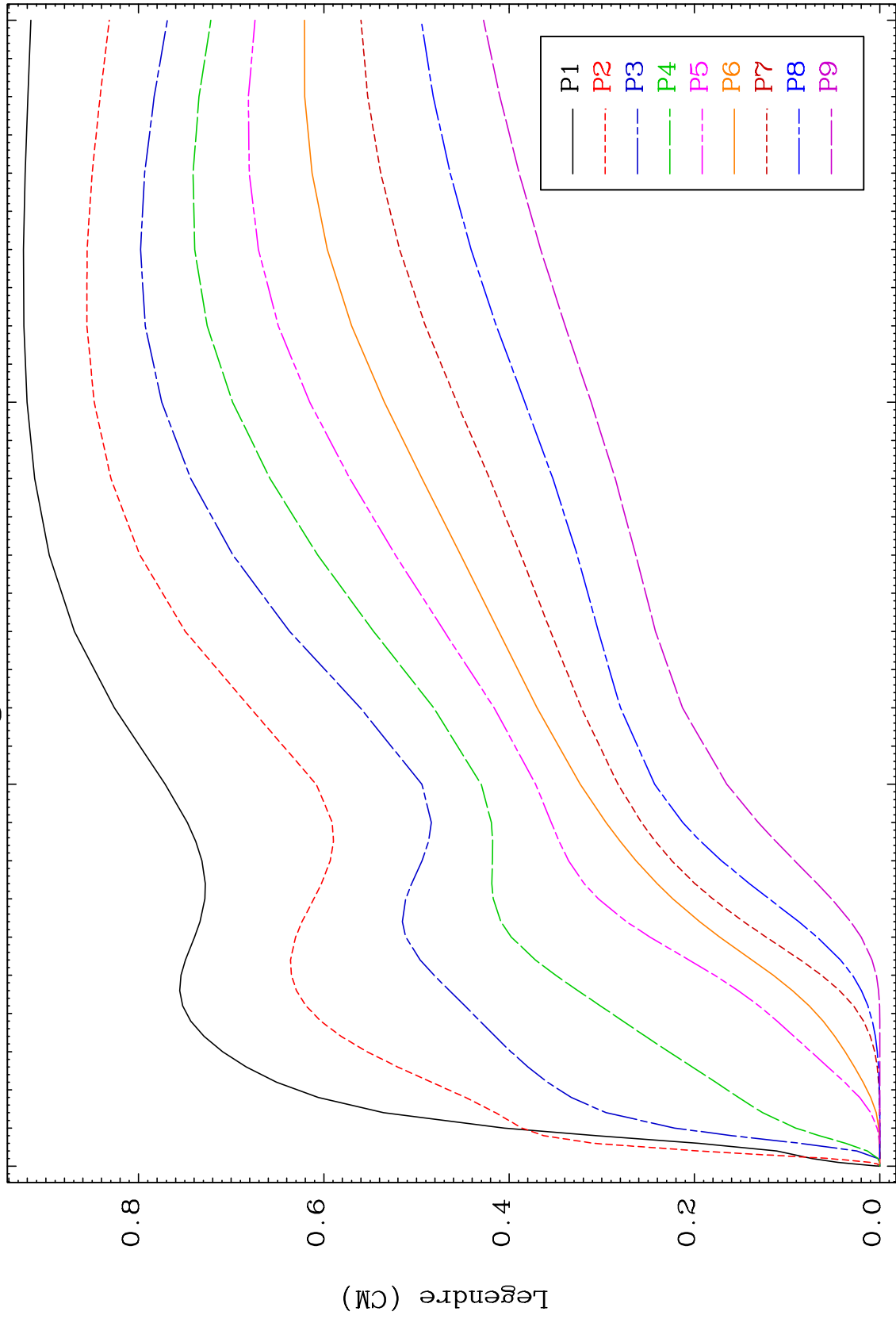
72-Hf-160



MAT 7183

Elastic Legendre Coefficients

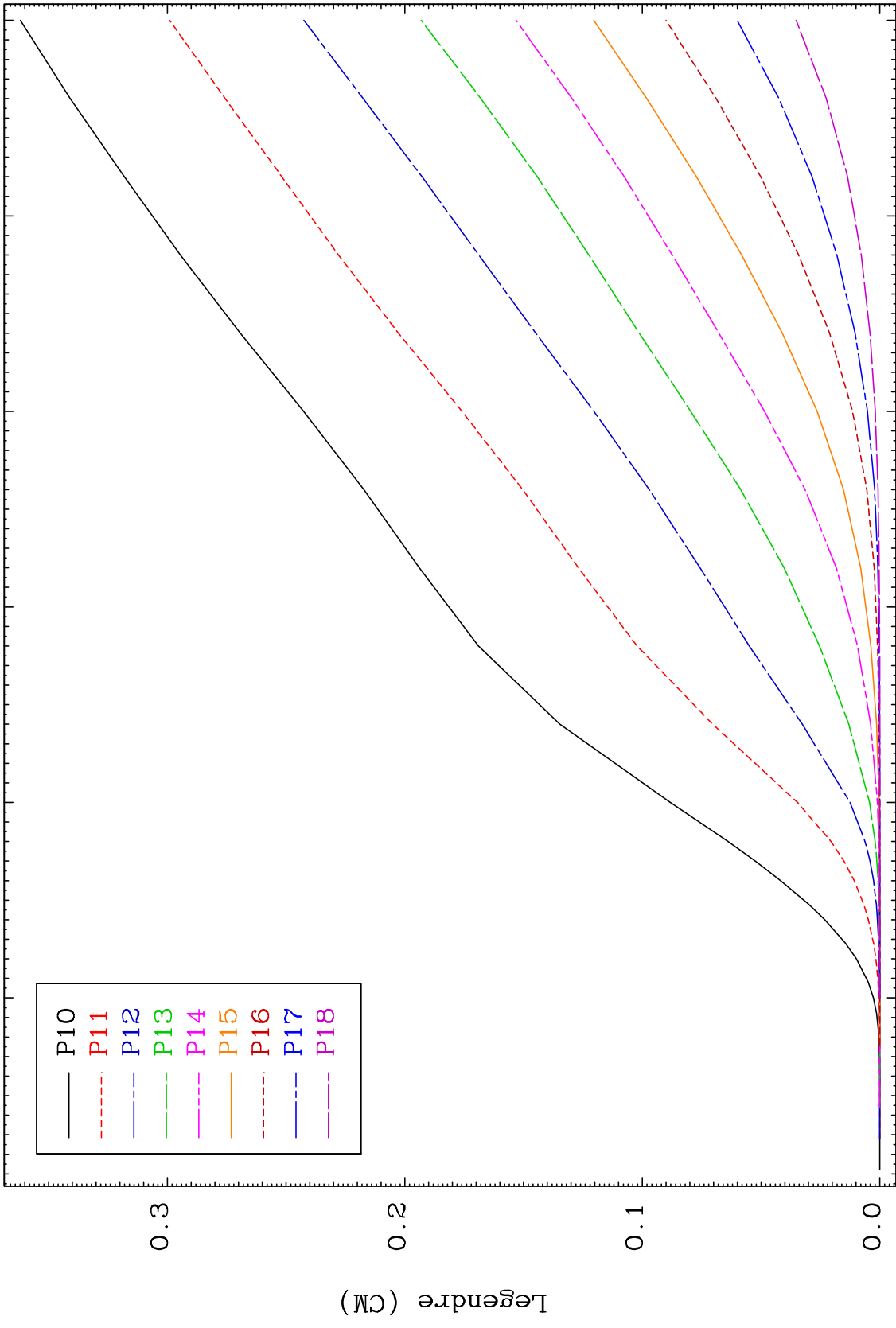
72-Hf-160



15

Incident Energy (MeV)

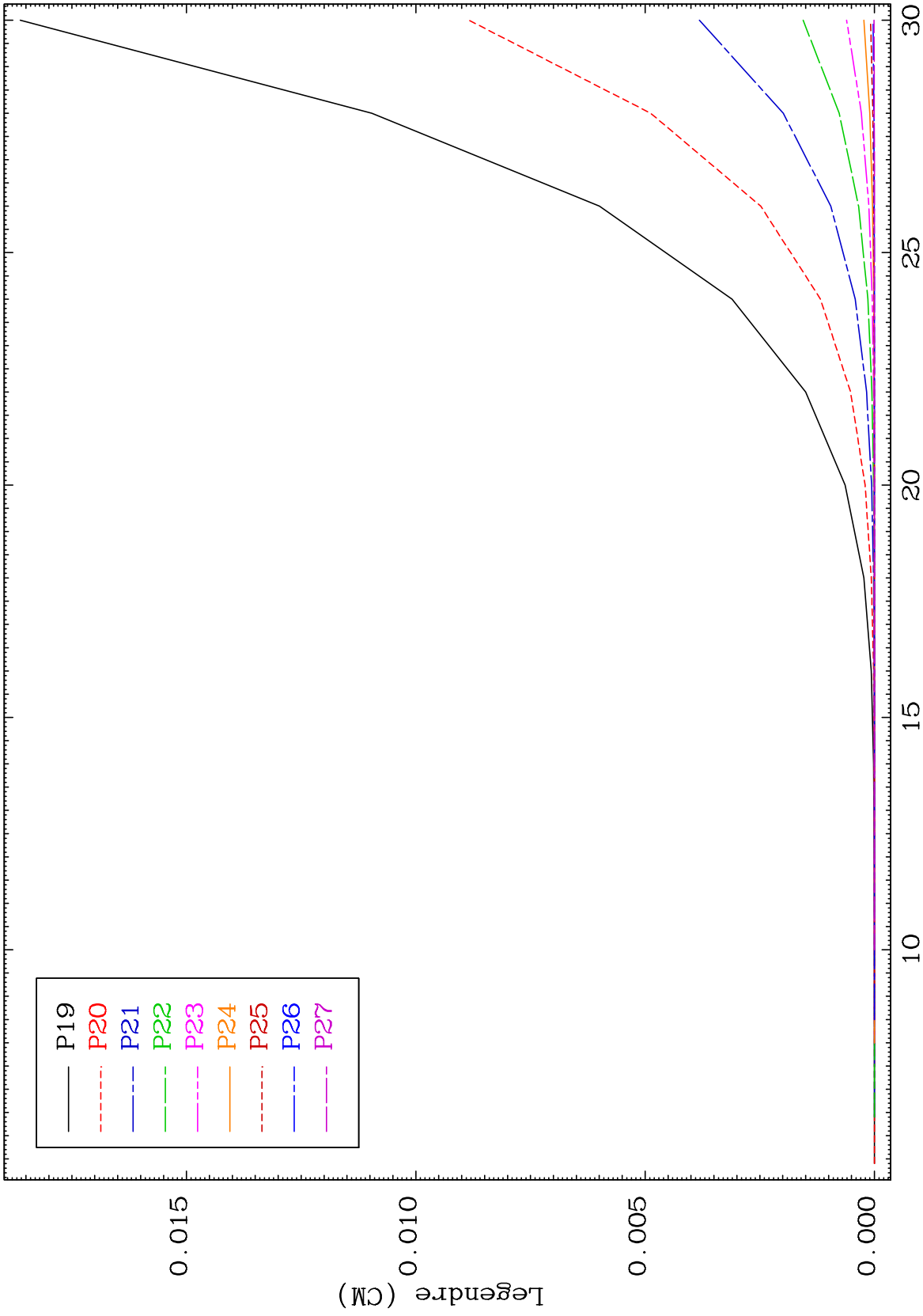
72-Hf-160



MAT 7183

Elastic Legendre Coefficients

72-Hf-160



17

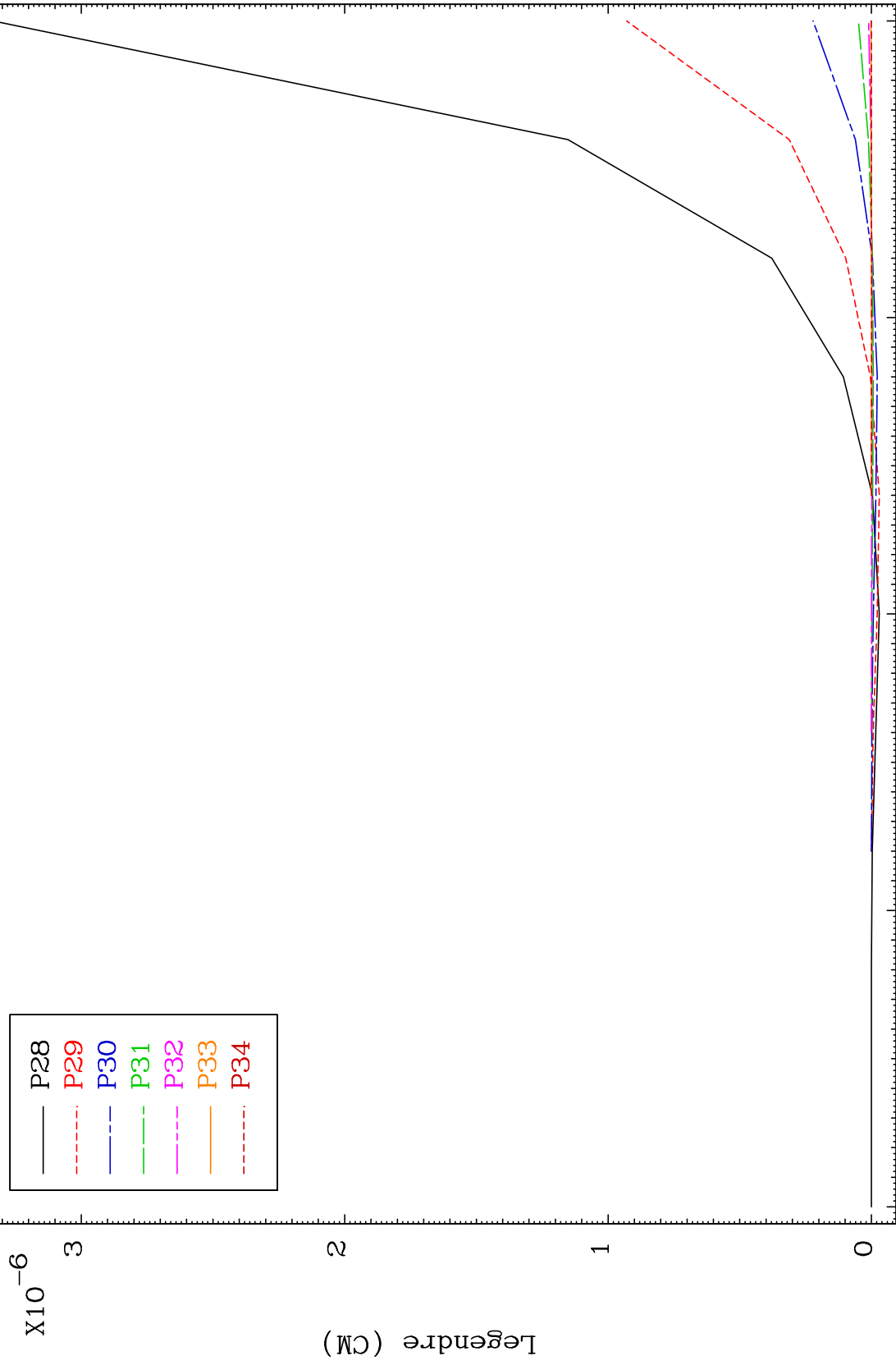
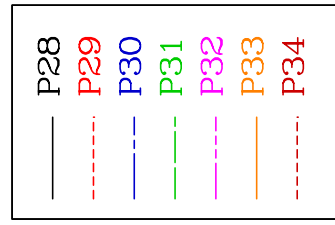
Incident Energy (MeV)

72-Hf-160

MAT 7183

Elastic Legendre Coefficients

72-Hf-160



18

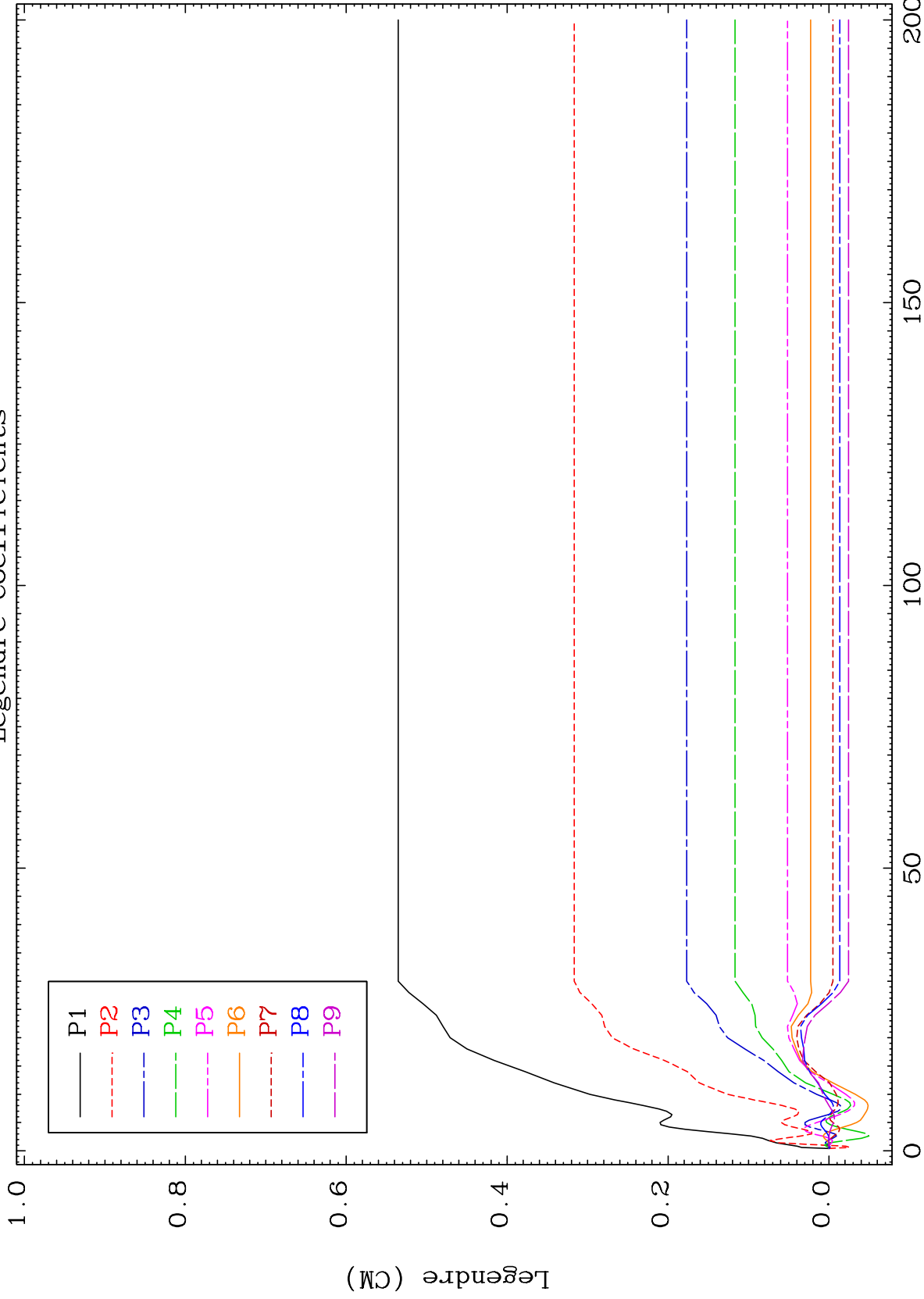
Incident Energy (MeV)

72-Hf-160

MAT 7183

MT= 51 (n,n') Level
Legendre Coefficients

72-Hf-160



19

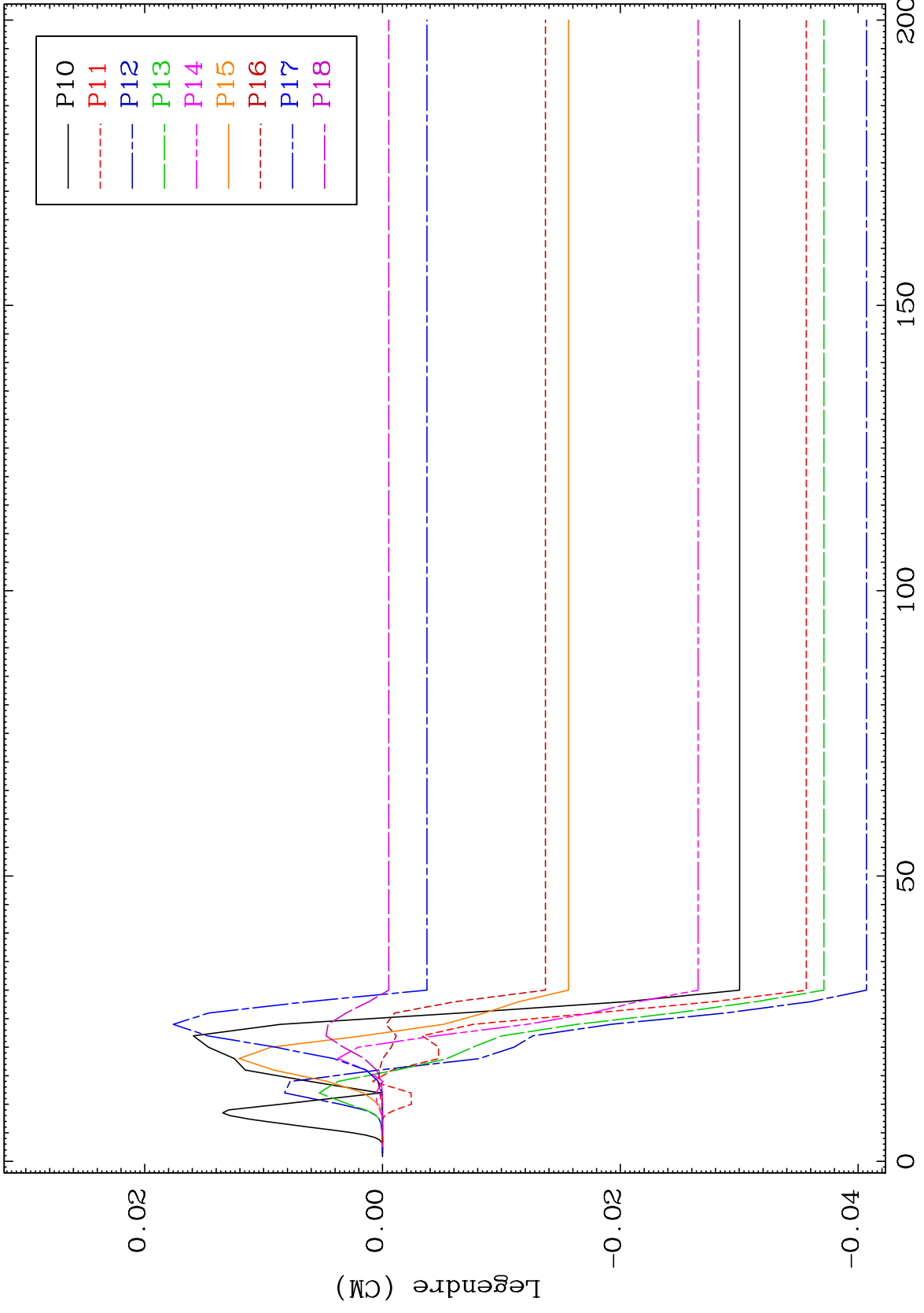
Incident Energy (MeV)

72-Hf-160

MAT 7183

MT= 51 (n,n') Level
Legendre Coefficients

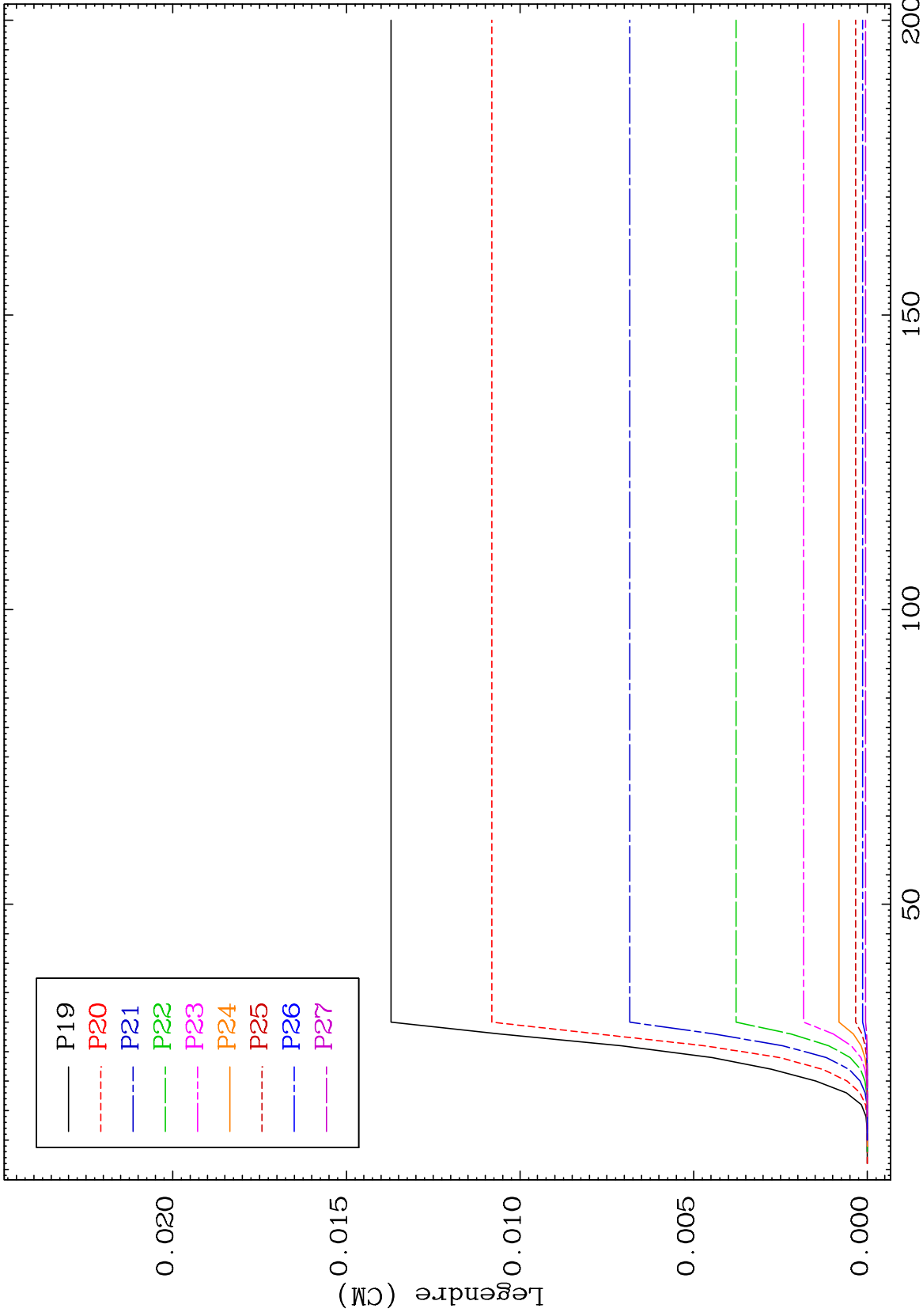
72-Hf-160



20

Incident Energy (MeV)

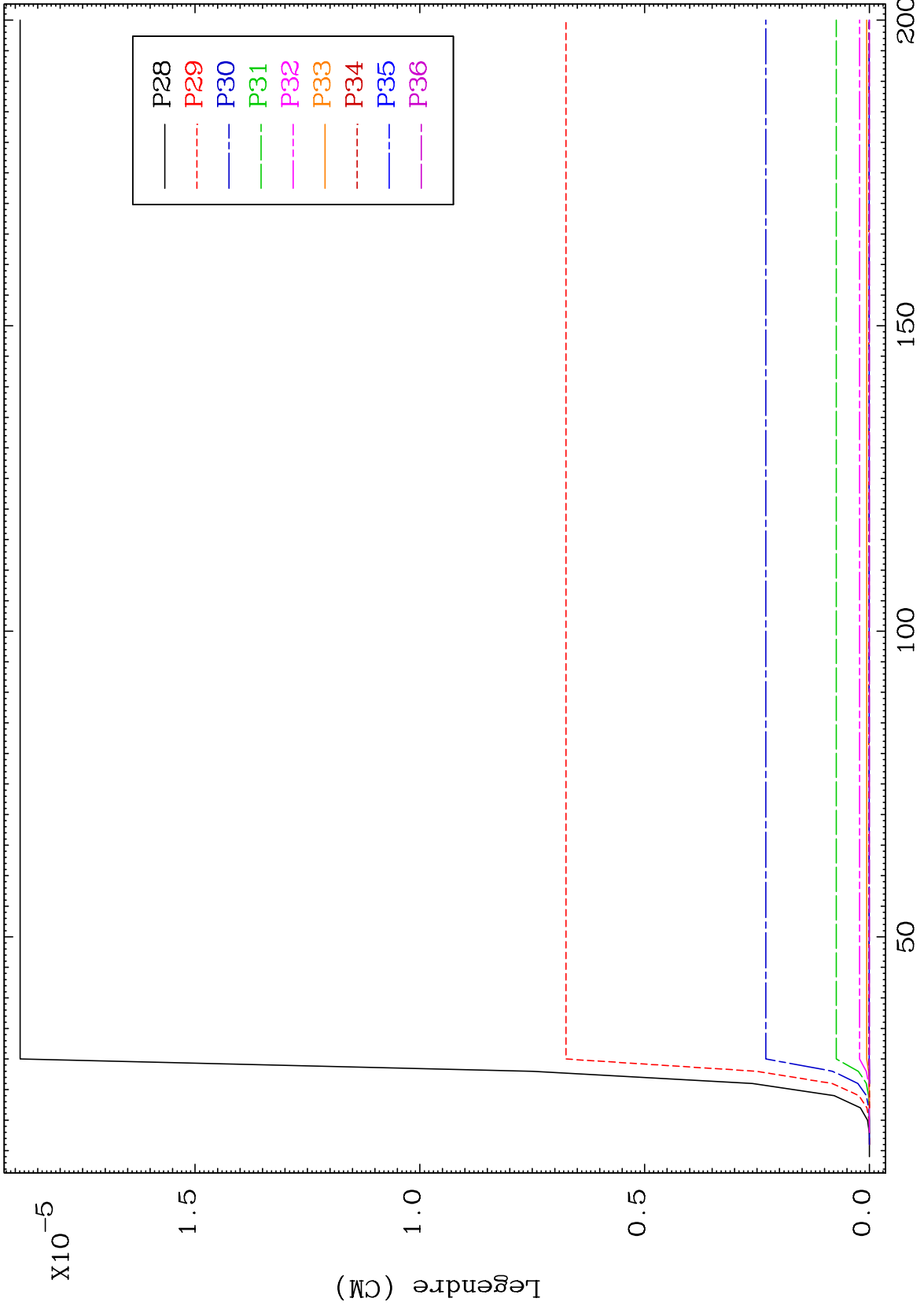
72-Hf-160



MAT 7183

MT= 51 (n,n') Level
Legendre Coefficients

72-Hf-160



22

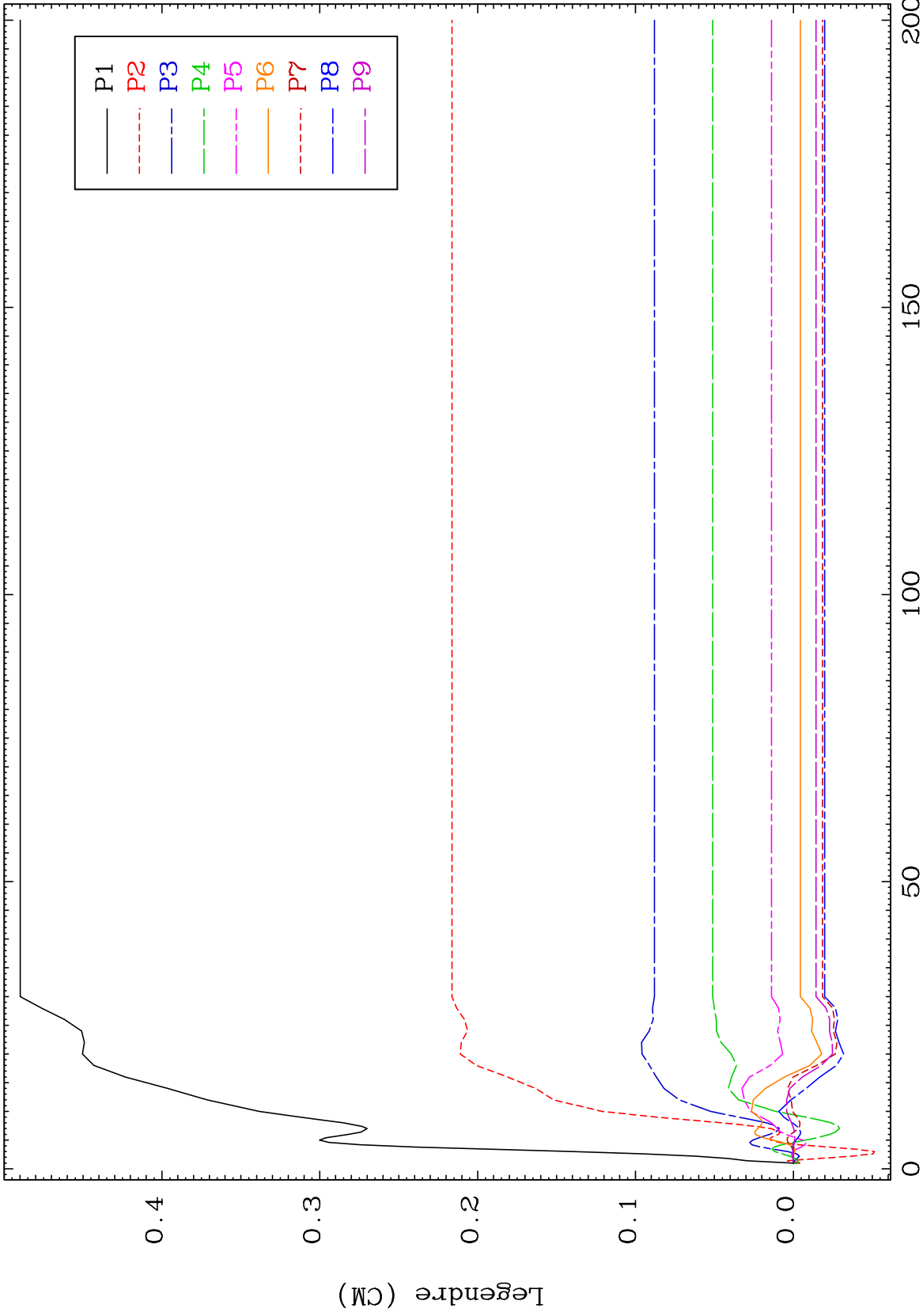
Incident Energy (MeV)

72-Hf-160

MAT 7183

MT= 52 (n,n') Level
Legendre Coefficients

72-Hf-160



23

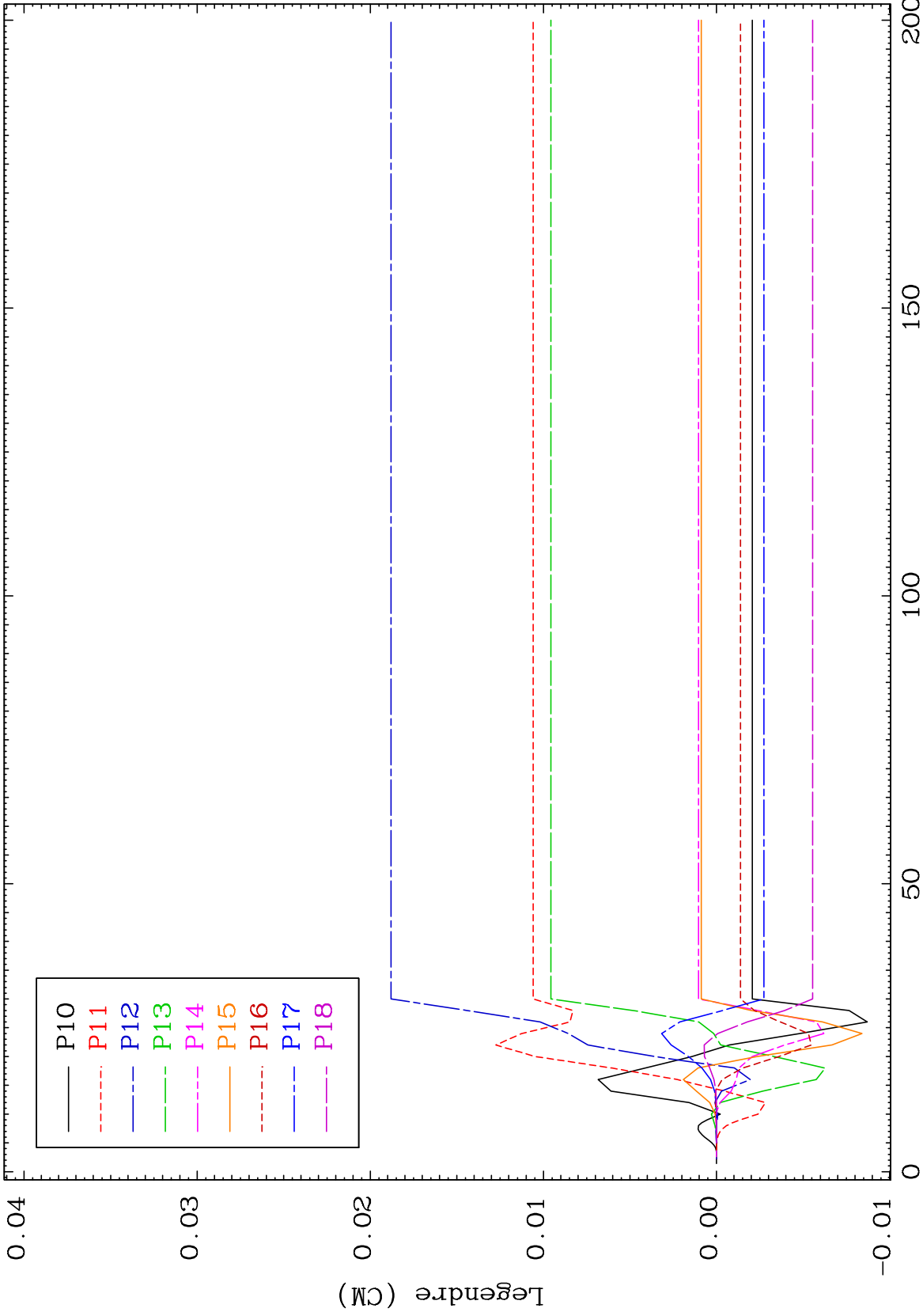
Incident Energy (MeV)

72-Hf-160

MAT 7183

MT= 52 (n,n') Level
Legendre Coefficients

72-Hf-160



24

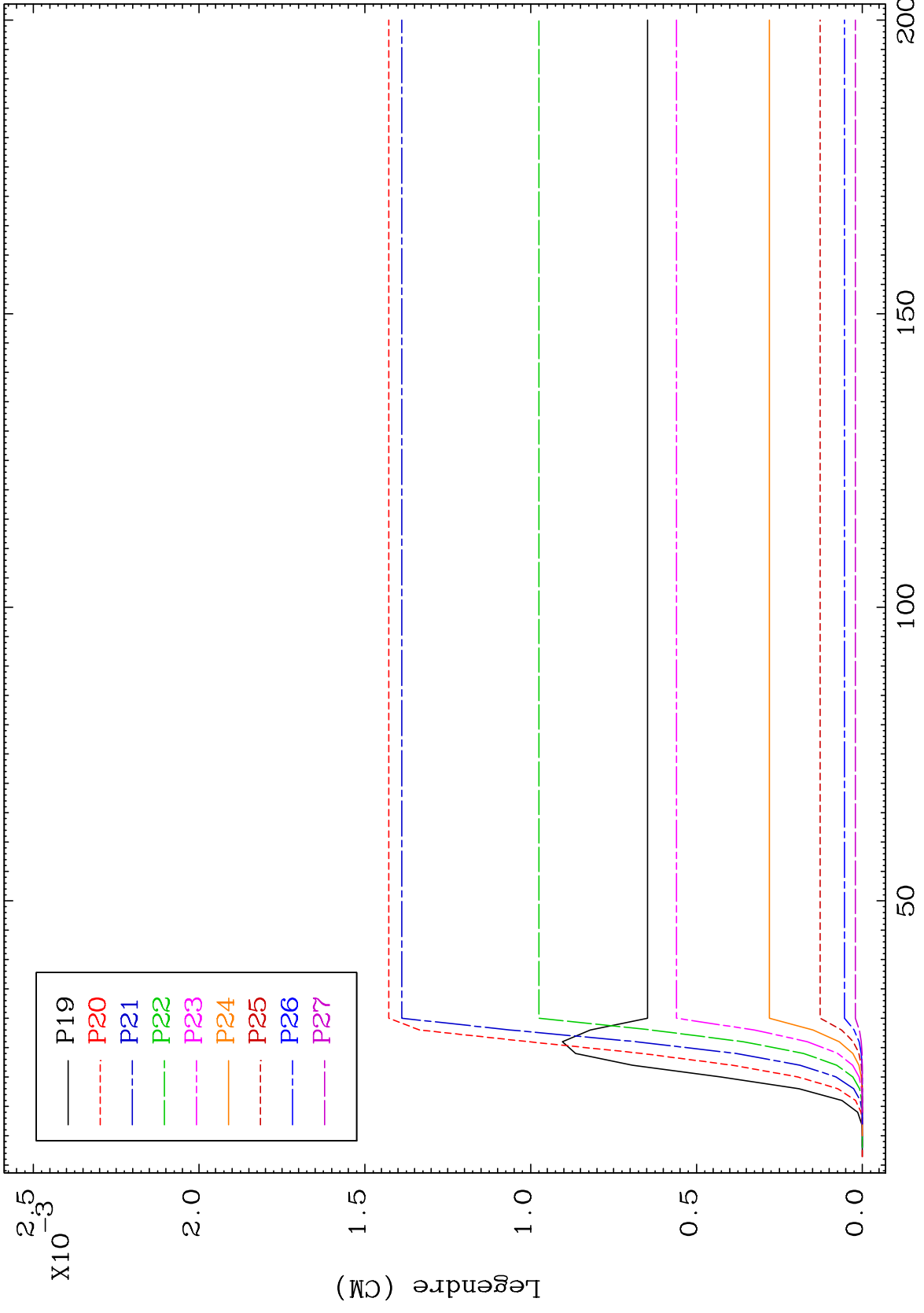
Incident Energy (MeV)

72-Hf-160

MAT 7183

MT= 52 (n,n') Level
Legendre Coefficients

72-Hf-160



25

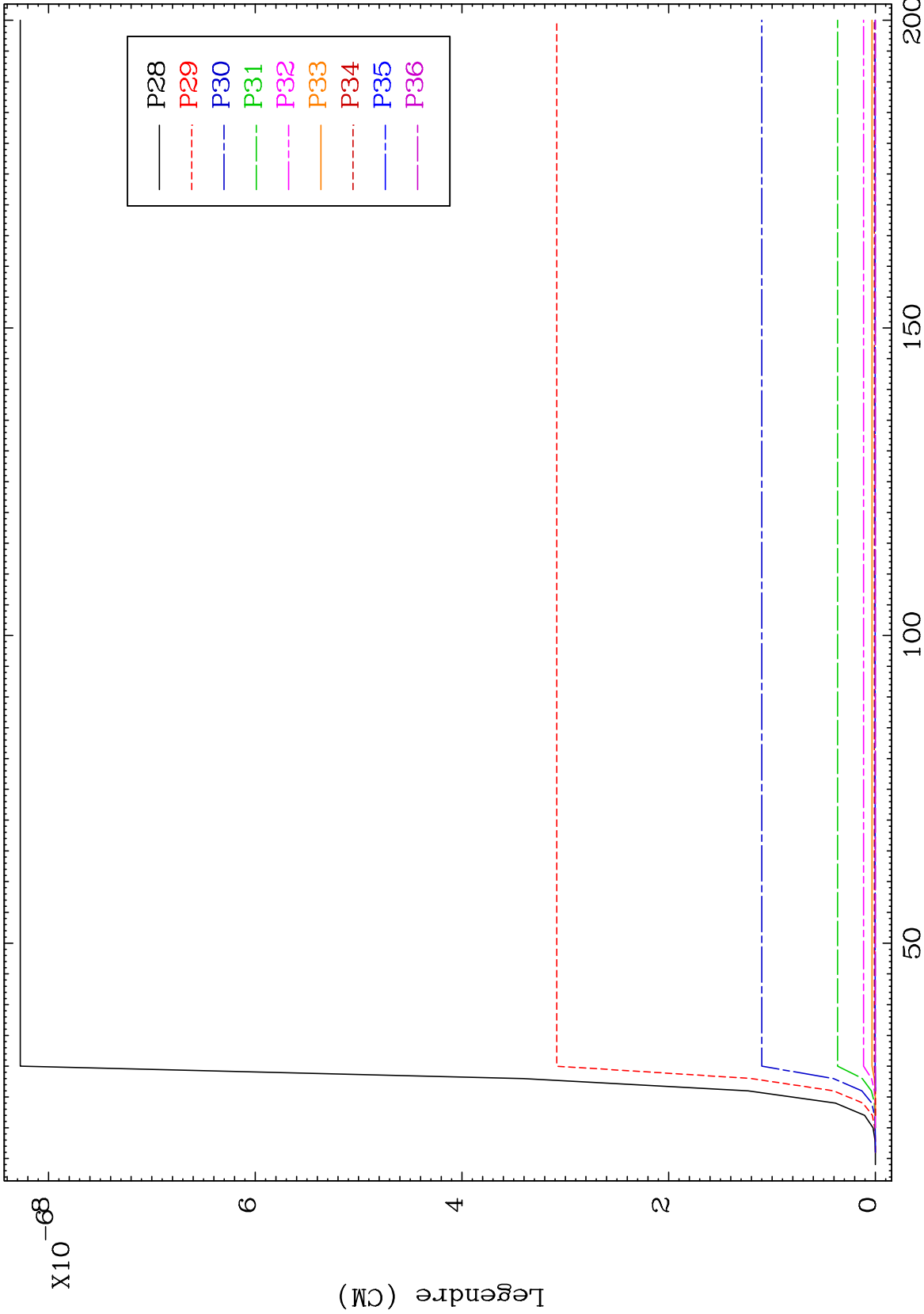
Incident Energy (MeV)

72-Hf-160

MAT 7183

MT= 52 (n,n') Level
Legendre Coefficients

72-Hf-160



26

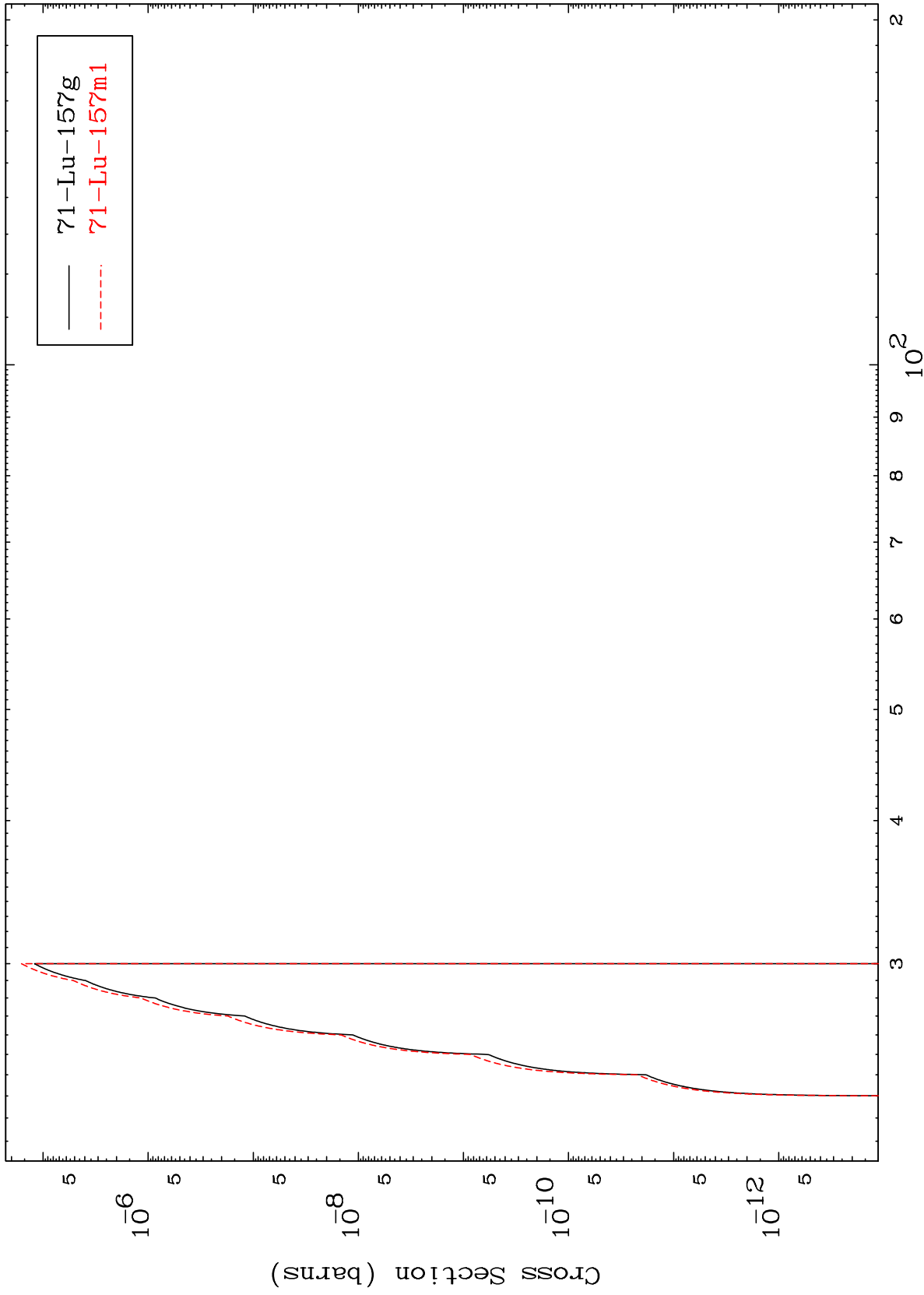
72-Hf-160

MAT 7183

(n,2n) d

72-Hf-160

Radionuclide Production Cross Section



27

Incident Energy (MeV)

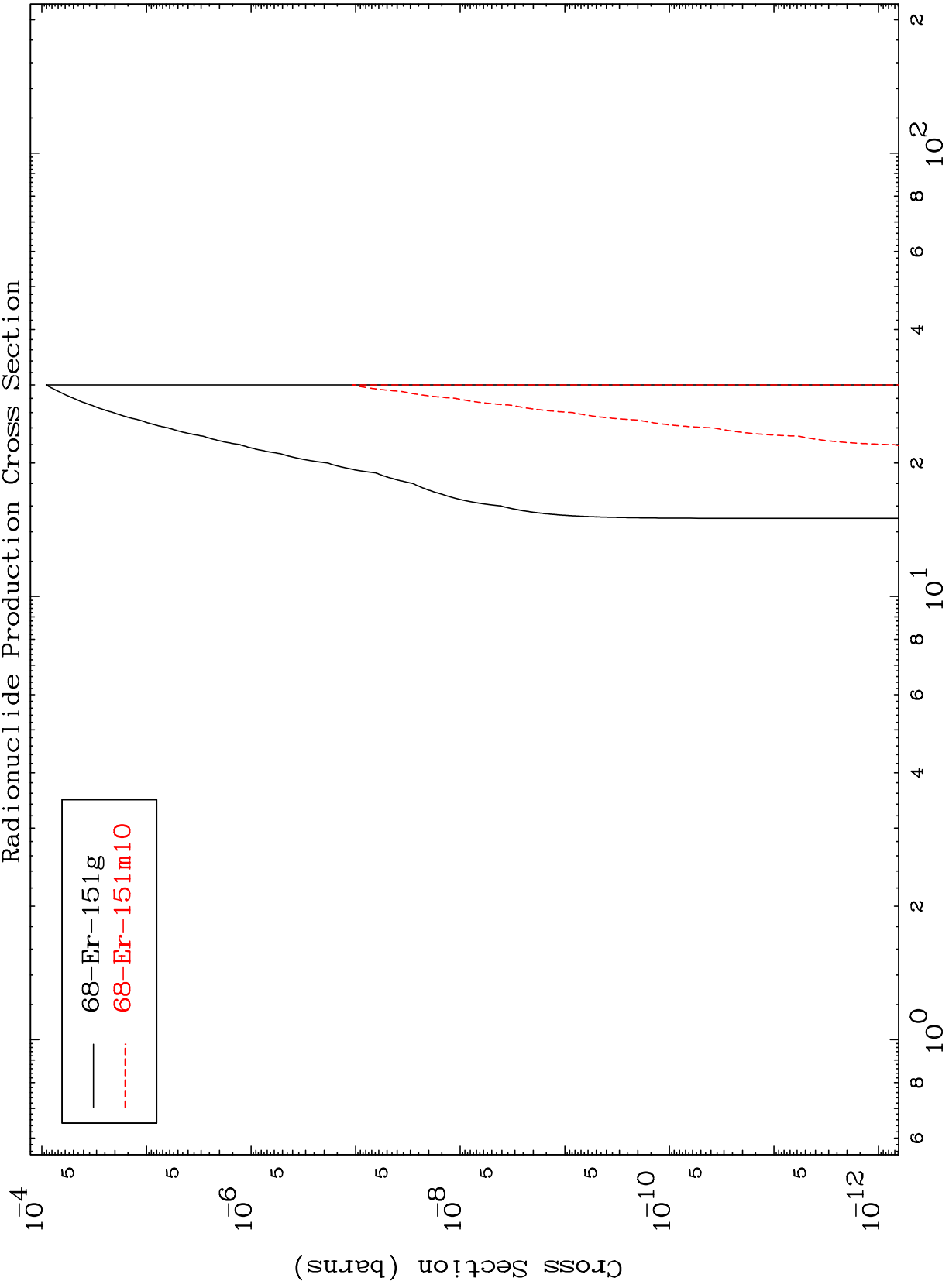
72-Hf-160

MAT 7183

(n,2n) 2 α

72-Hf-160

Radionuclide Production Cross Section



28

Incident Energy (MeV)

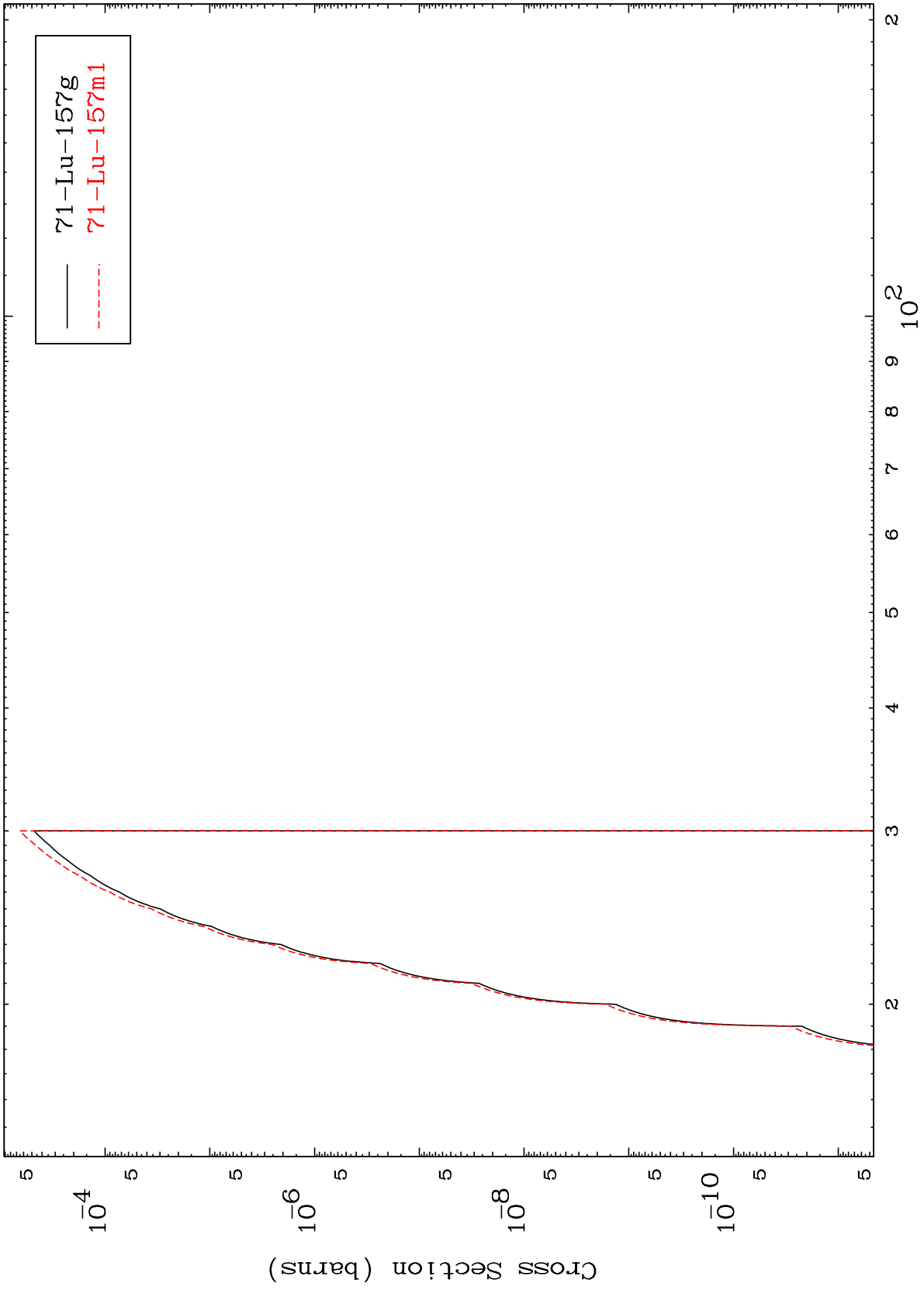
72-Hf-160

MAT 7183

(n,n') t

72-Hf-160

Radionuclide Production Cross Section



29

Incident Energy (MeV)

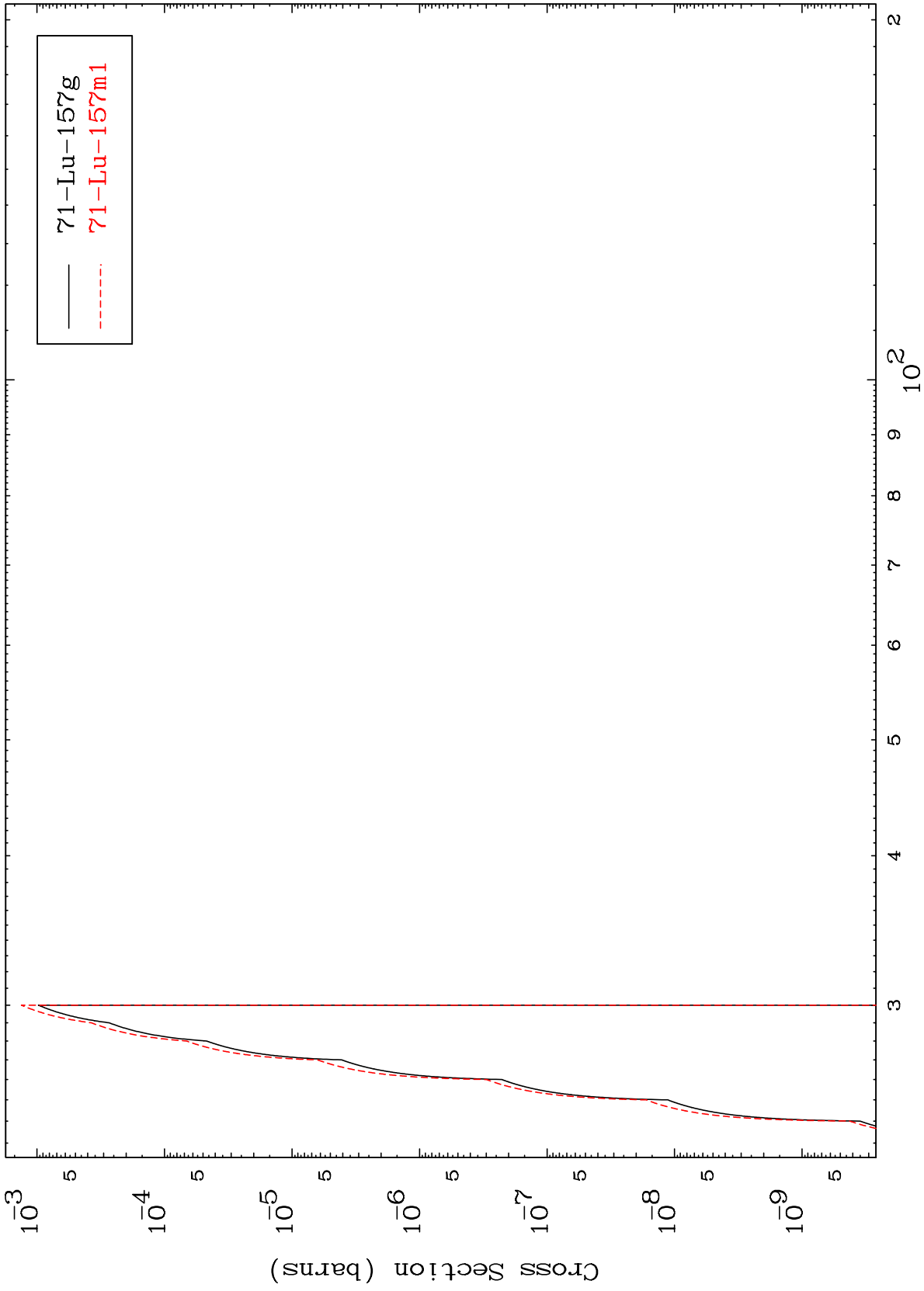
72-Hf-160

MAT 7183

(n,3n) p

72-Hf-160

Radionuclide Production Cross Section



30

Incident Energy (MeV)

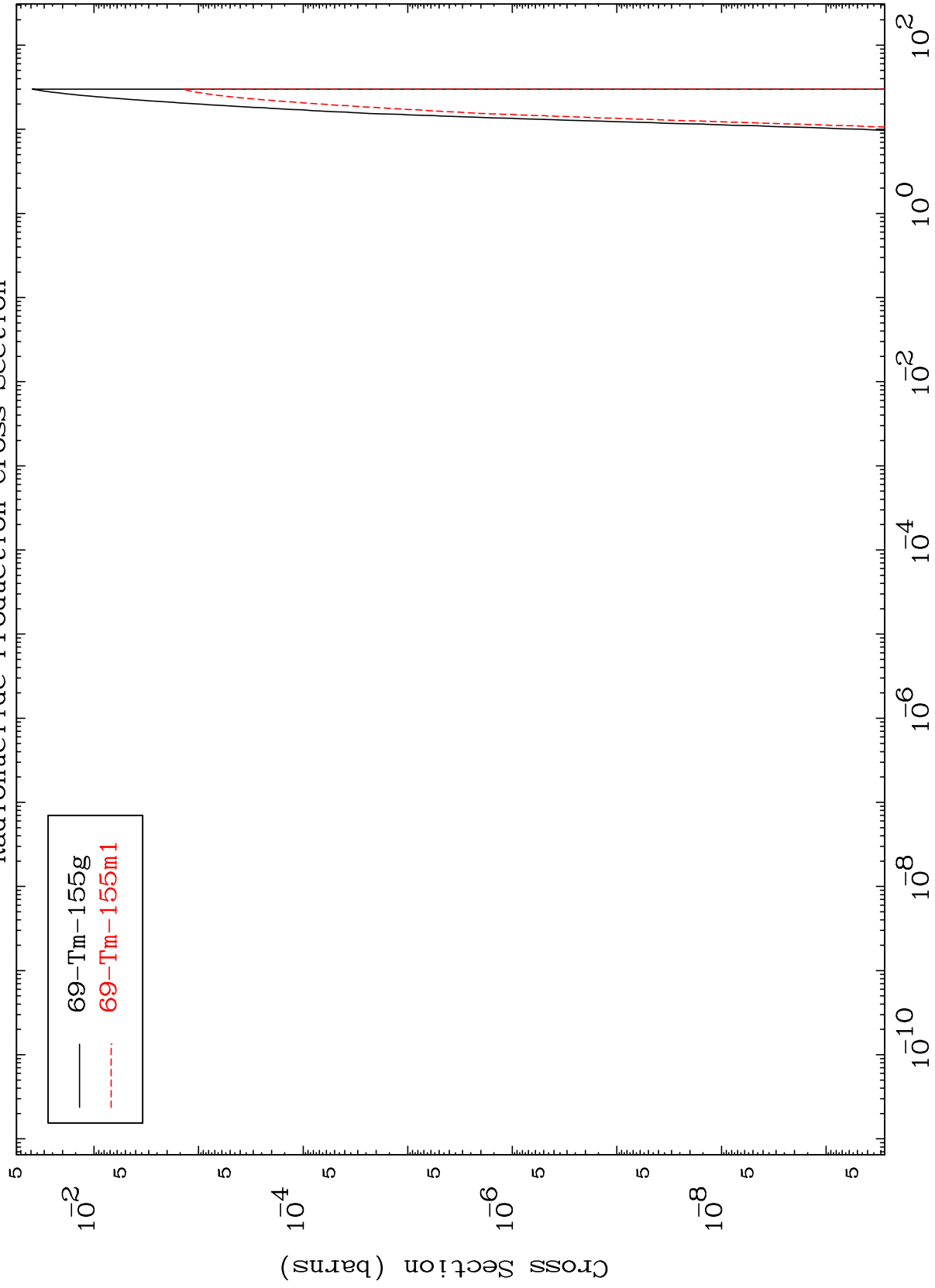
72-Hf-160

MAT 7183

(n,n') p α

72-Hf-160

Radionuclide Production Cross Section



31

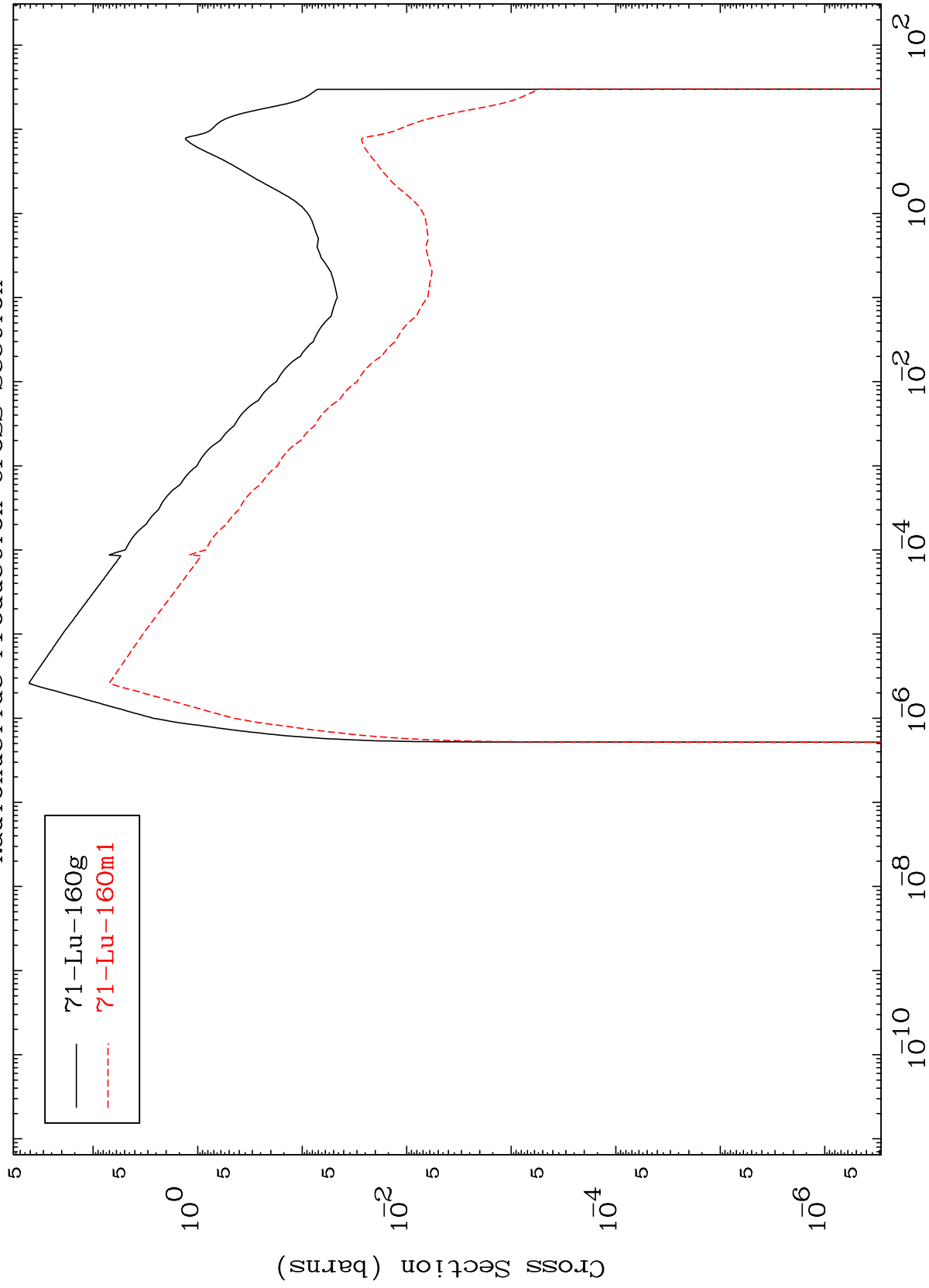
Incident Energy (MeV)

72-Hf-160

MAT 7183

72-Hf-160

Radionuclide Production Cross Section



32

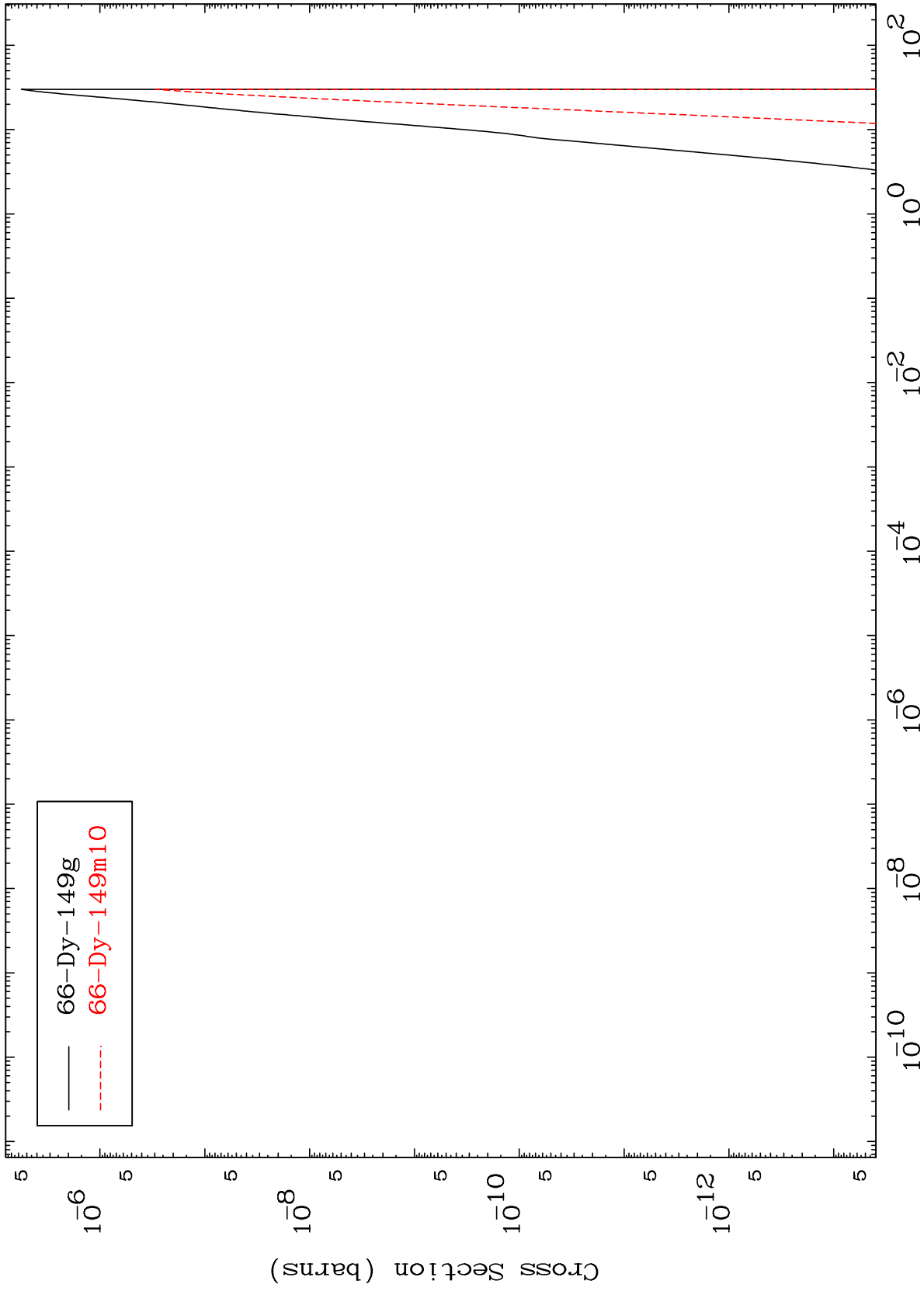
72-Hf-160

MAT 7183

(n,3α)

72-Hf-160

Radionuclide Production Cross Section



33

Incident Energy (MeV)

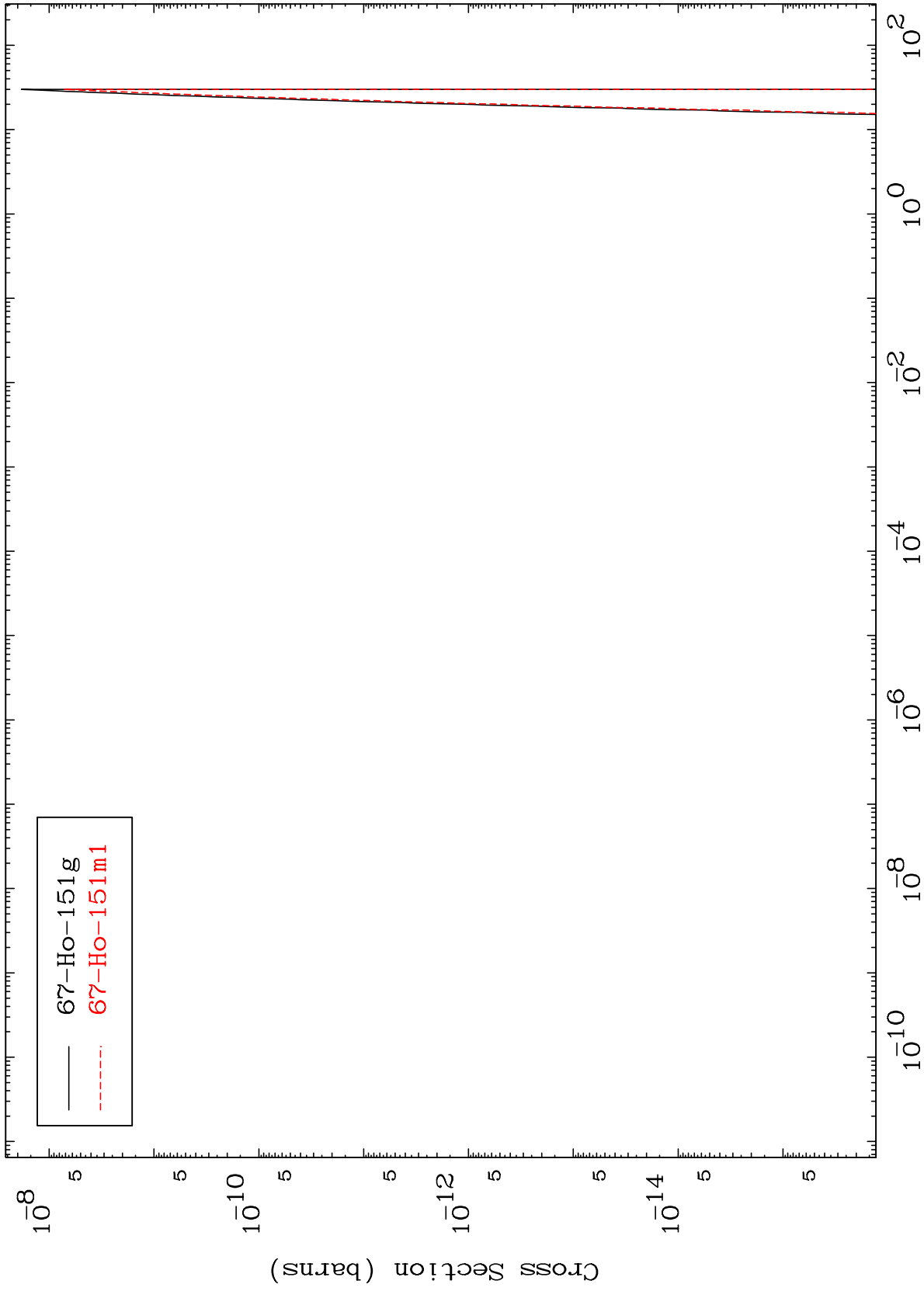
72-Hf-160

MAT 7183

(n,d) 2α

72-Hf-160

Radionuclide Production Cross Section



34

Incident Energy (MeV)

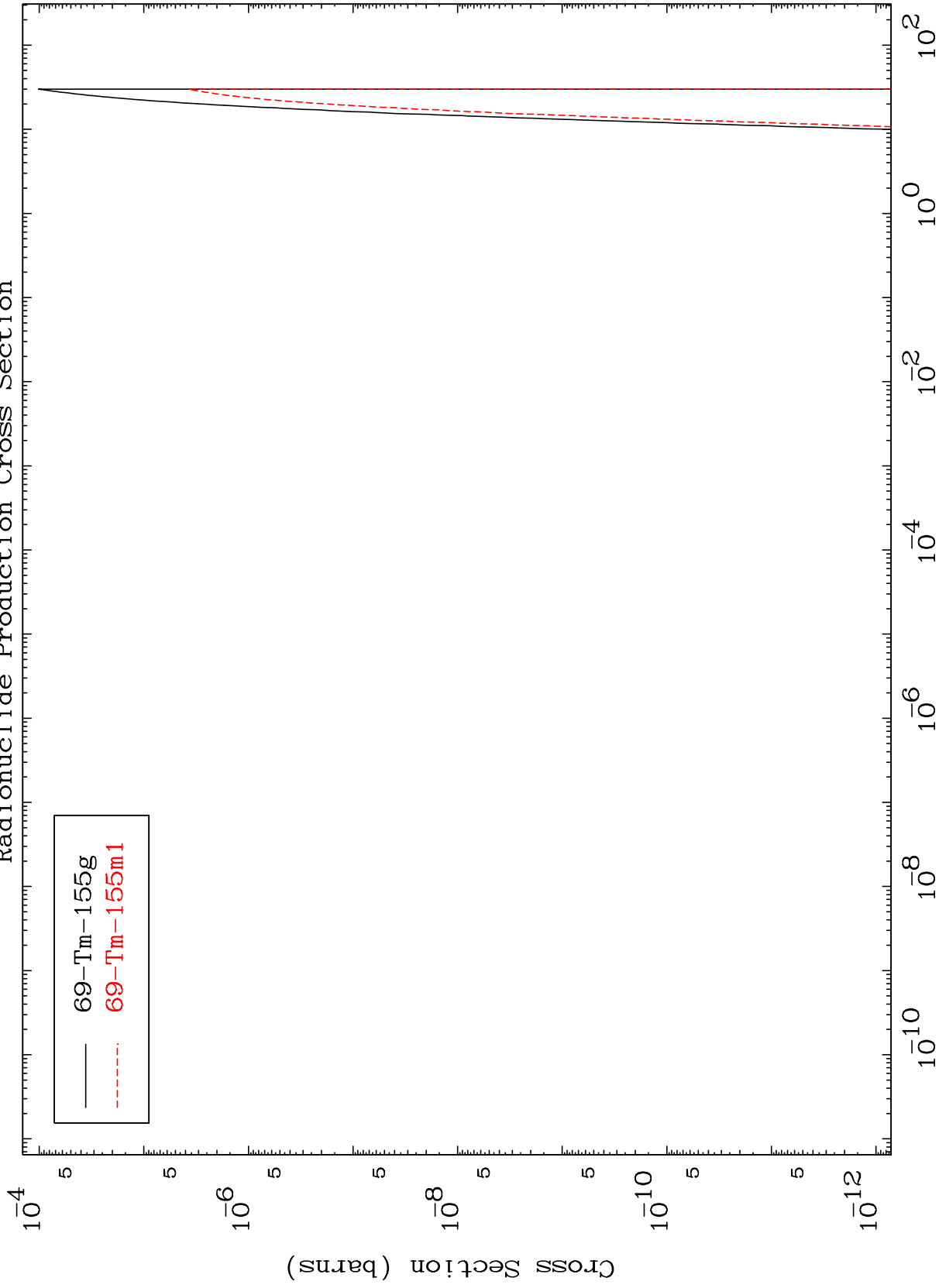
72-Hf-160

MAT 7183

(n,d) α

72-Hf-160

Radionuclide Production Cross Section



35

Incident Energy (MeV)

72-Hf-160