

Program EVALPLOT
(Version 2021-1)

by

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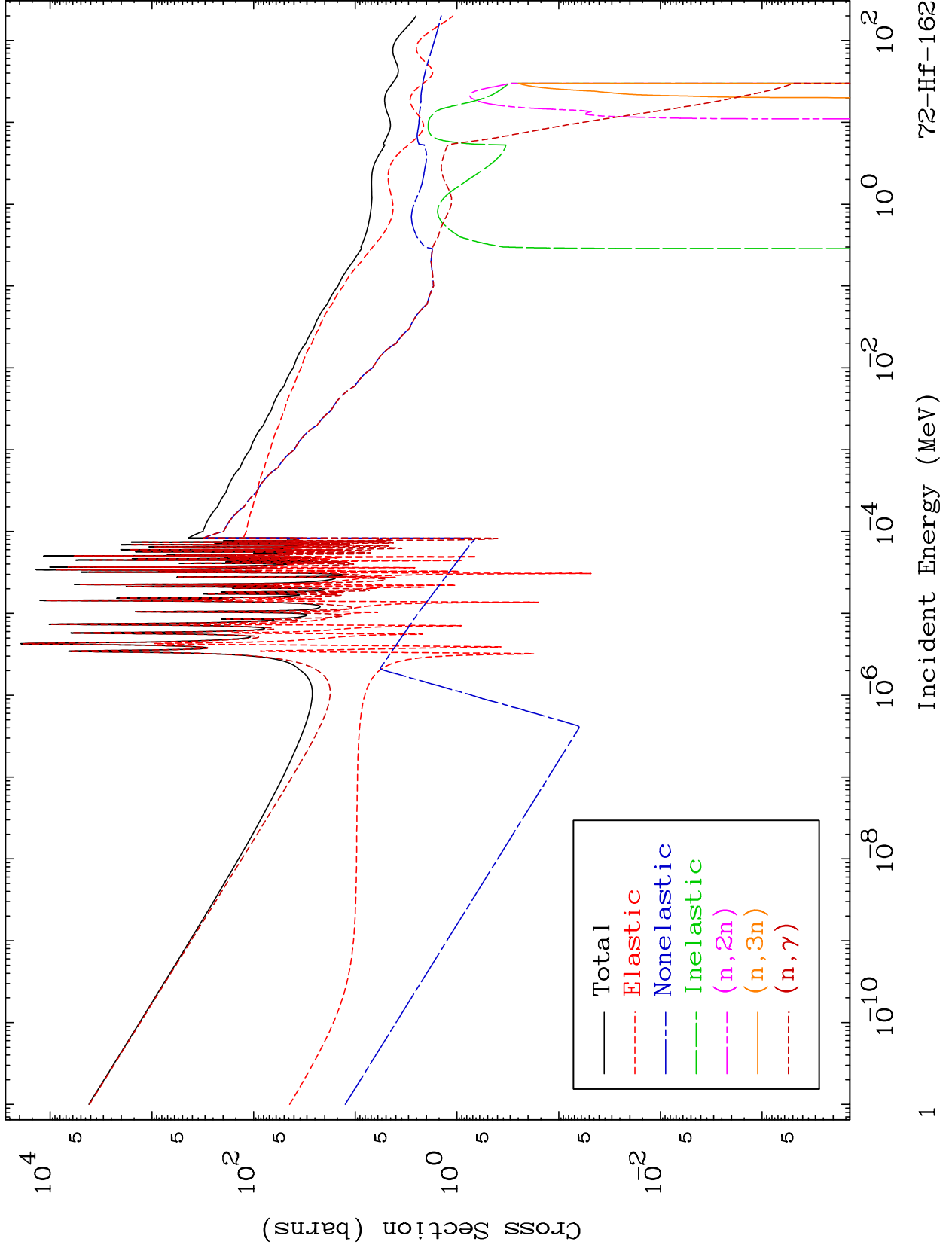
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7189

Neutron Major
293 Kelvin Cross Sections

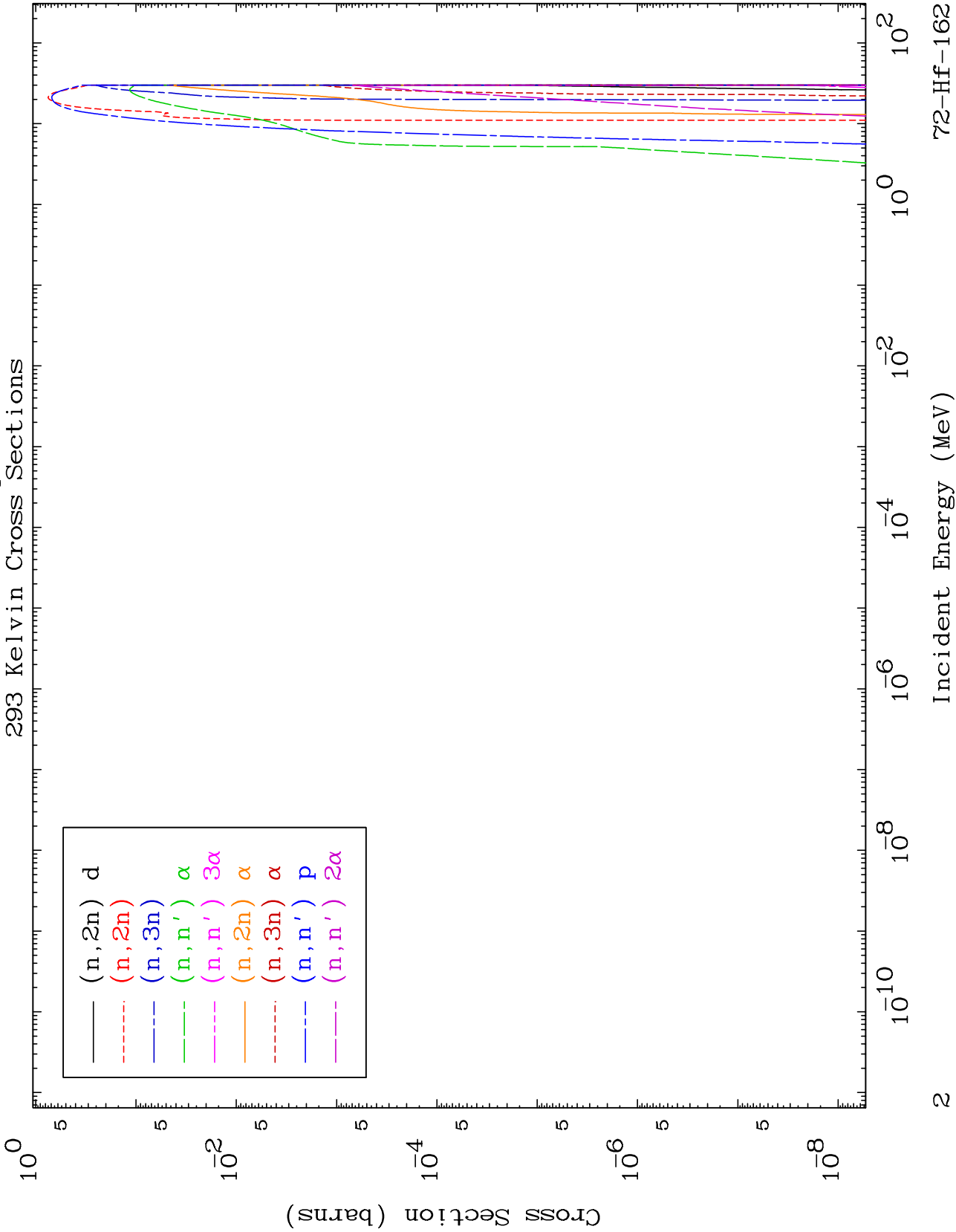
72-Hf-162



MAT 7189

Neutron Absorption
293 Kelvin Cross Sections

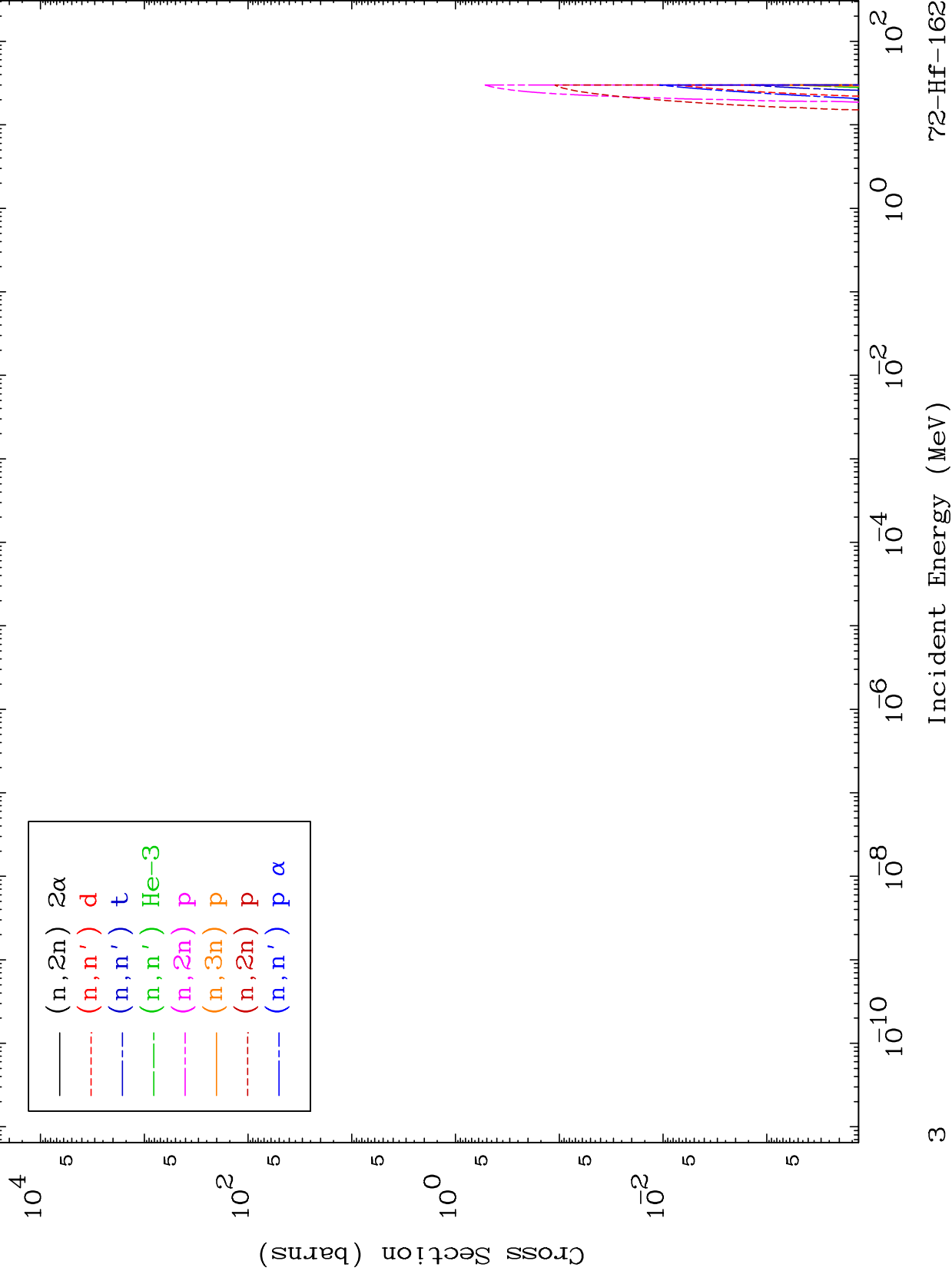
72-Hf-162

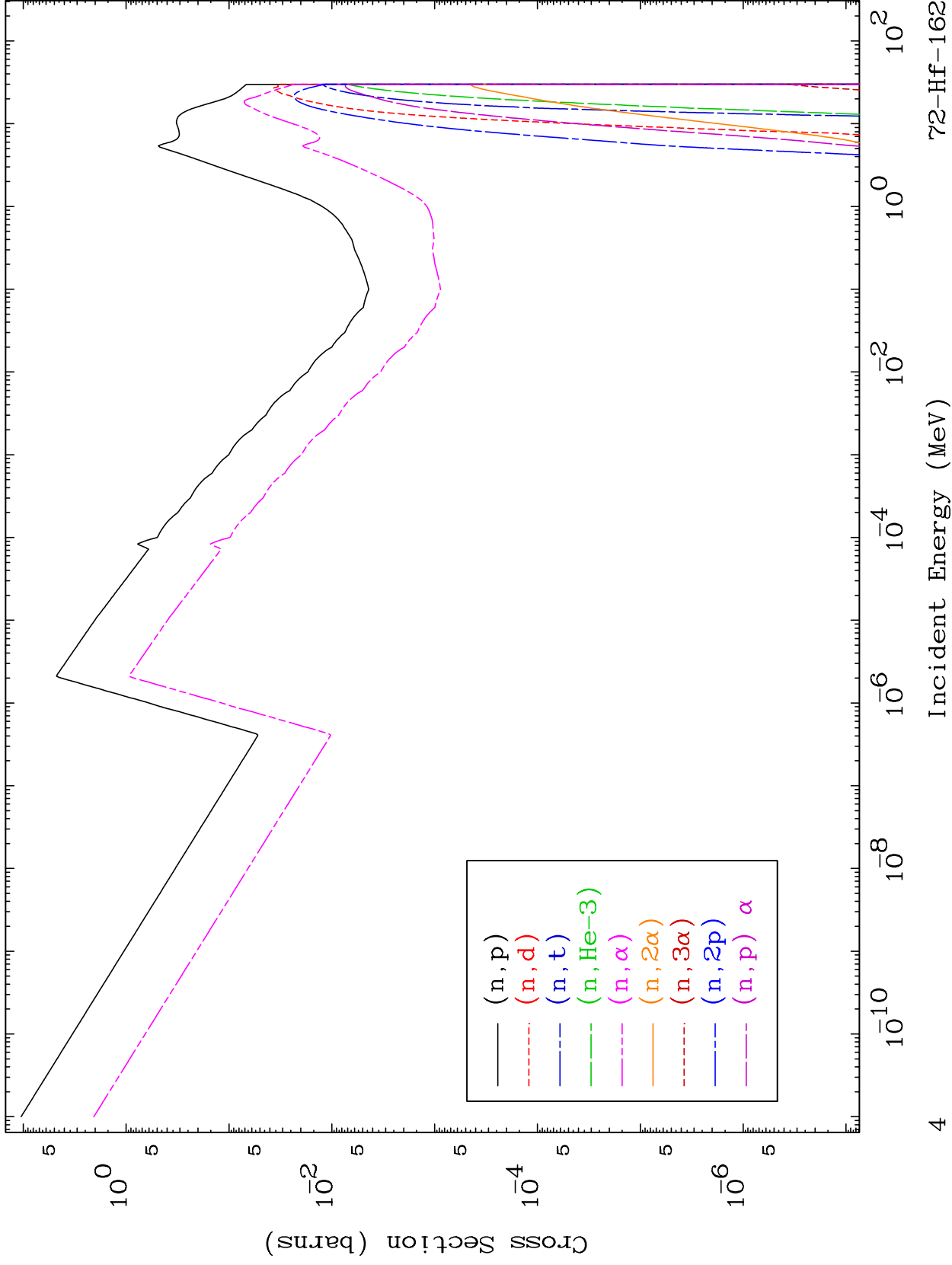


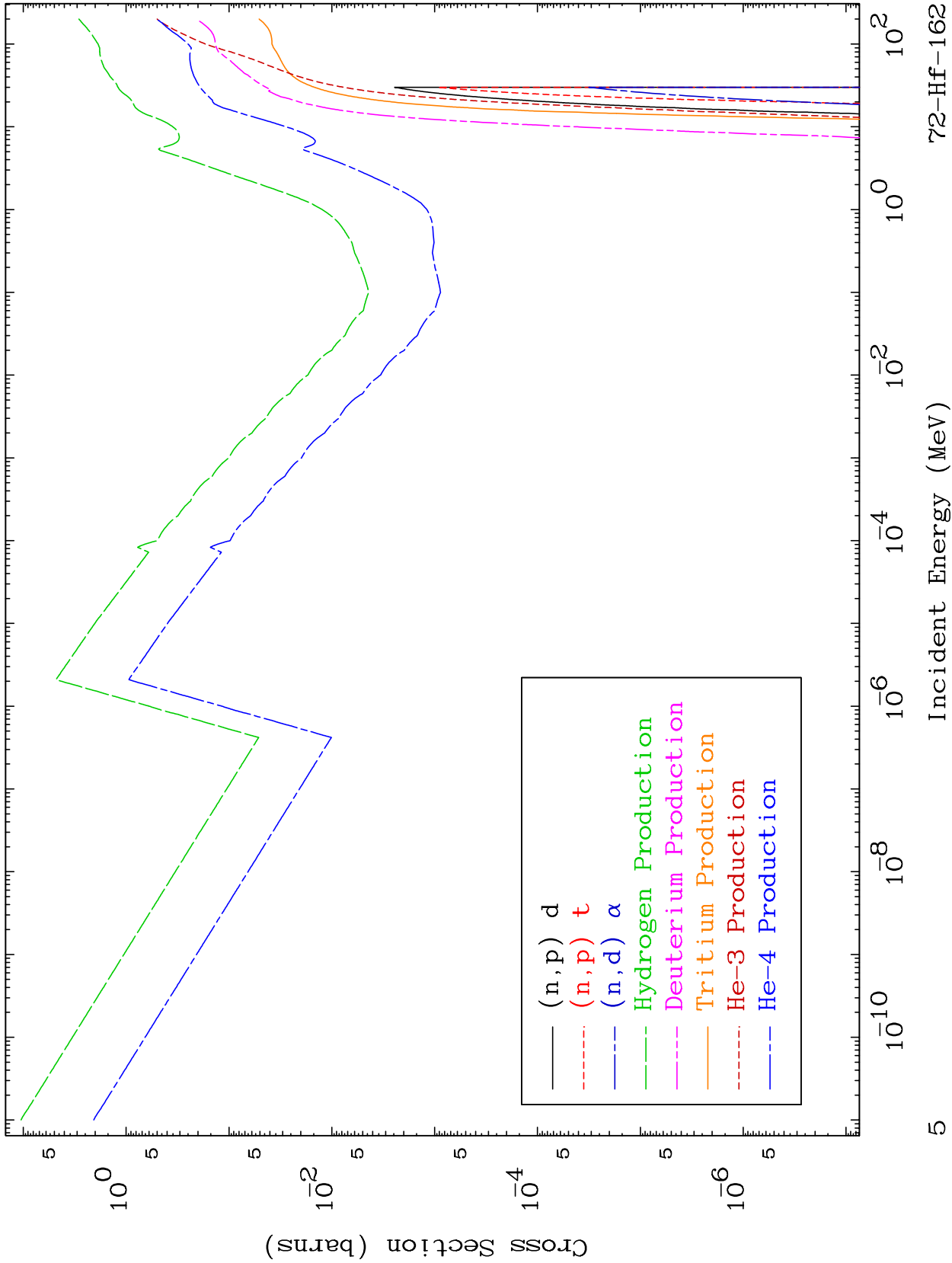
MAT 7189

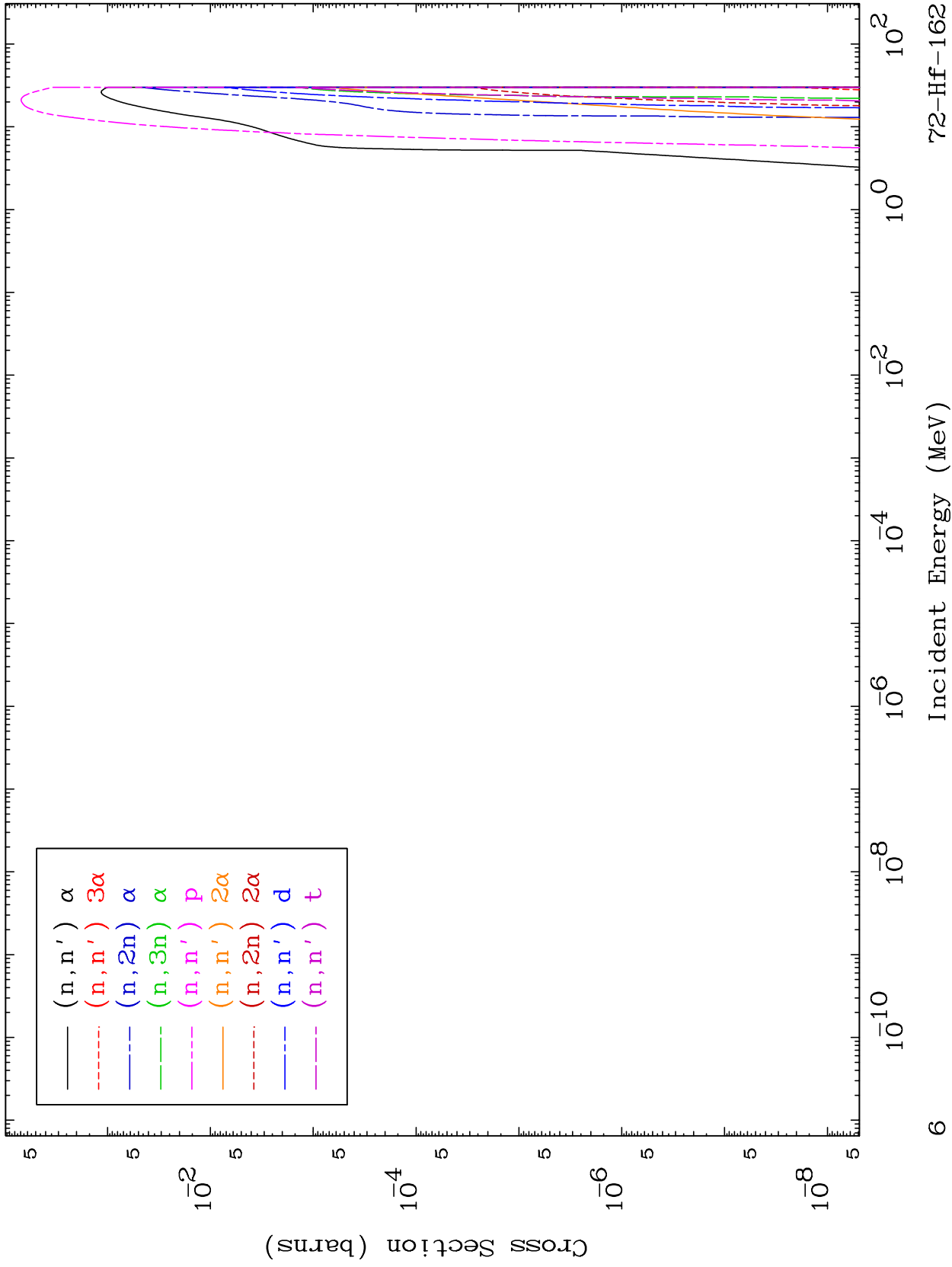
Neutron Absorption
293 Kelvin Cross Sections

72-Hf-162





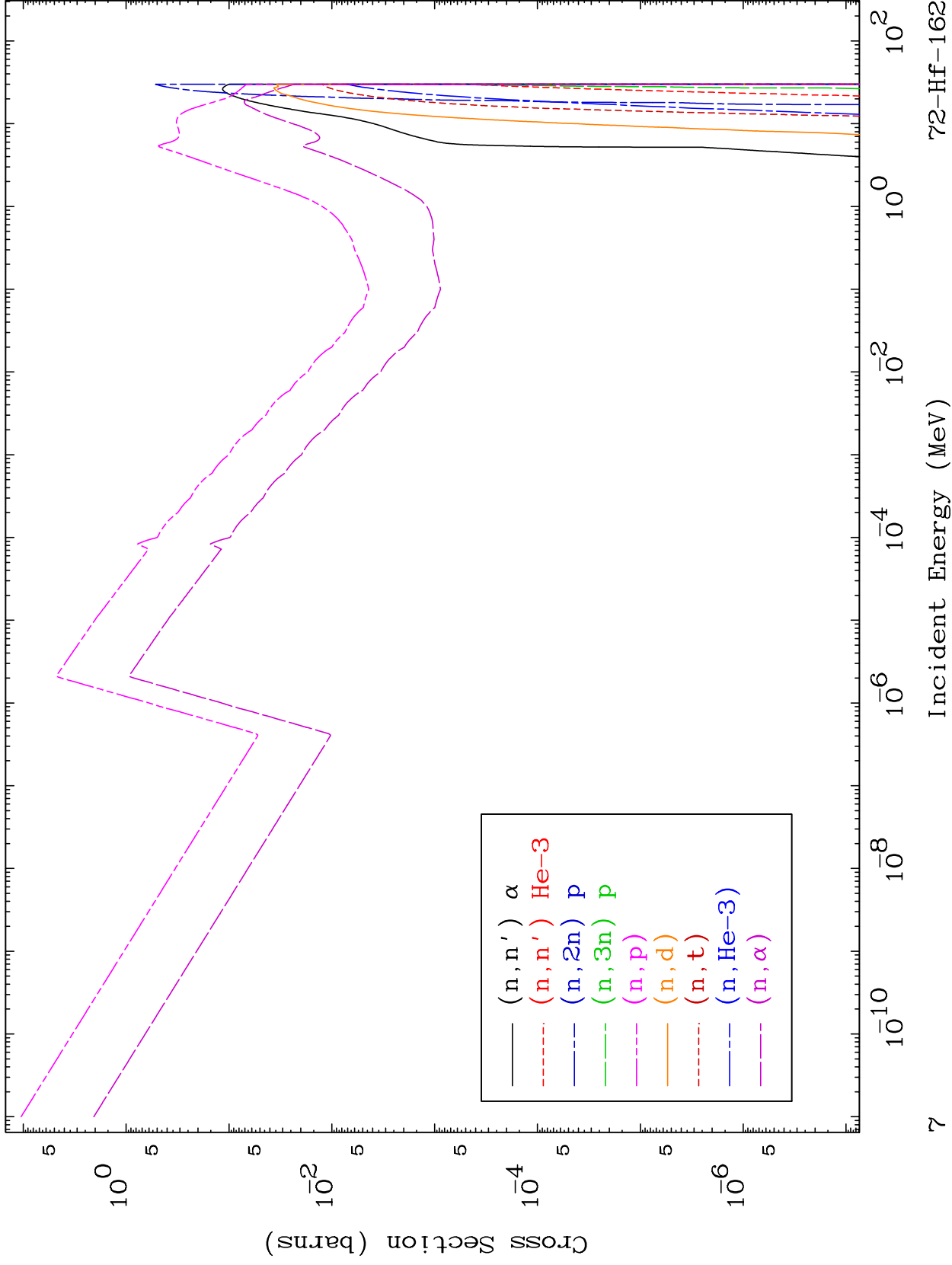


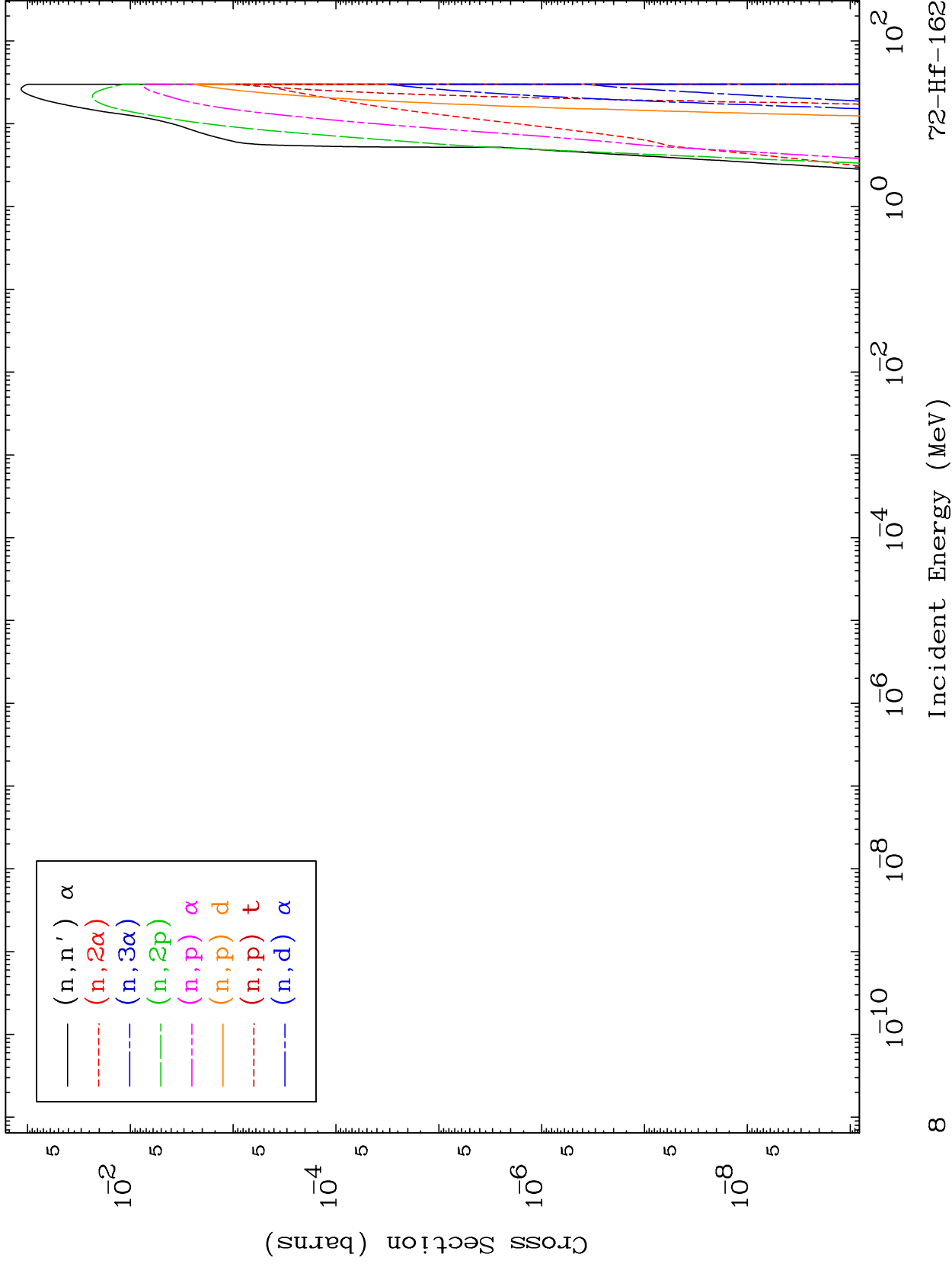


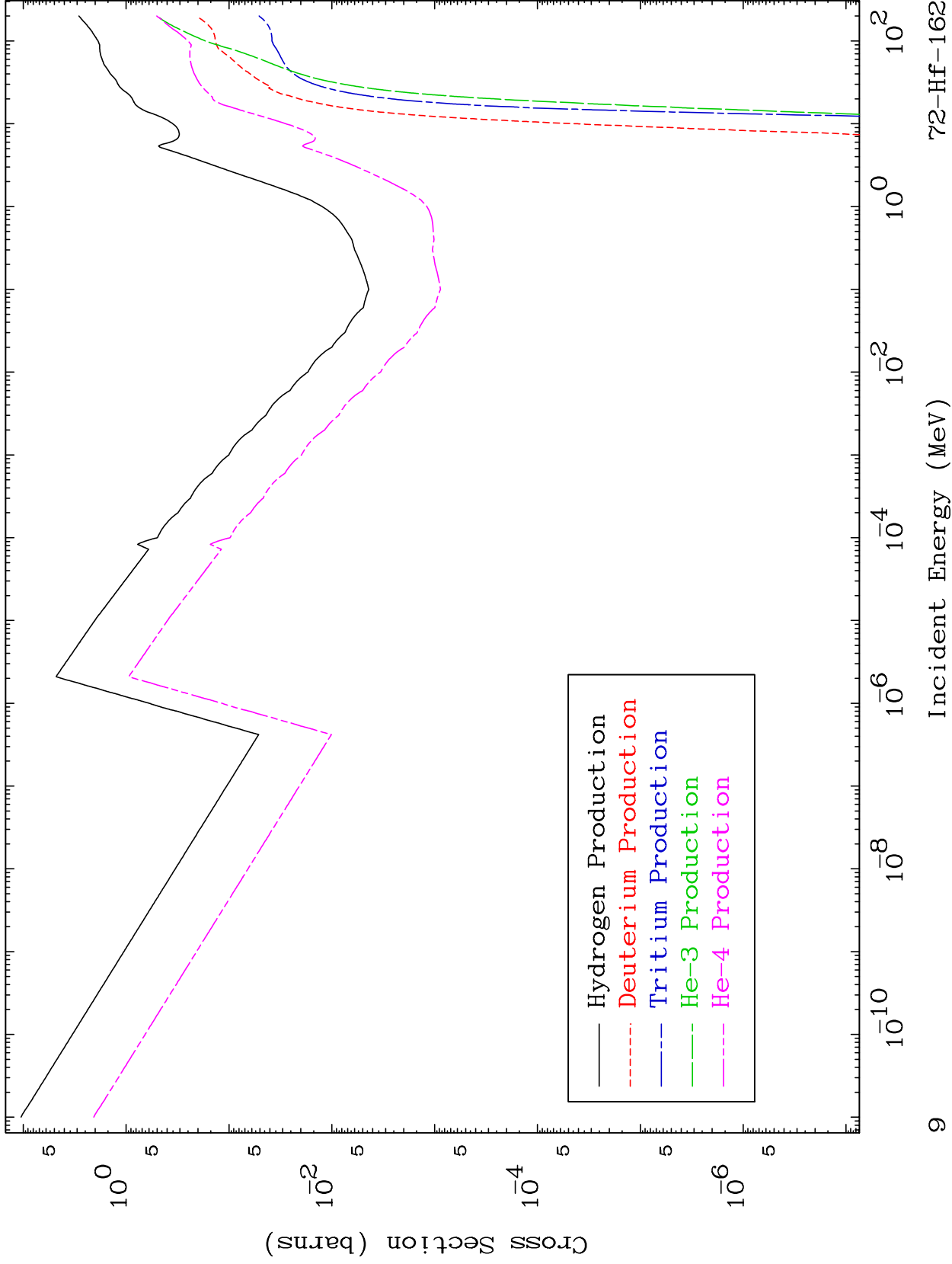
MAT 7189

Charged Particle
293 Kelvin Cross Sections

72-Hf-162



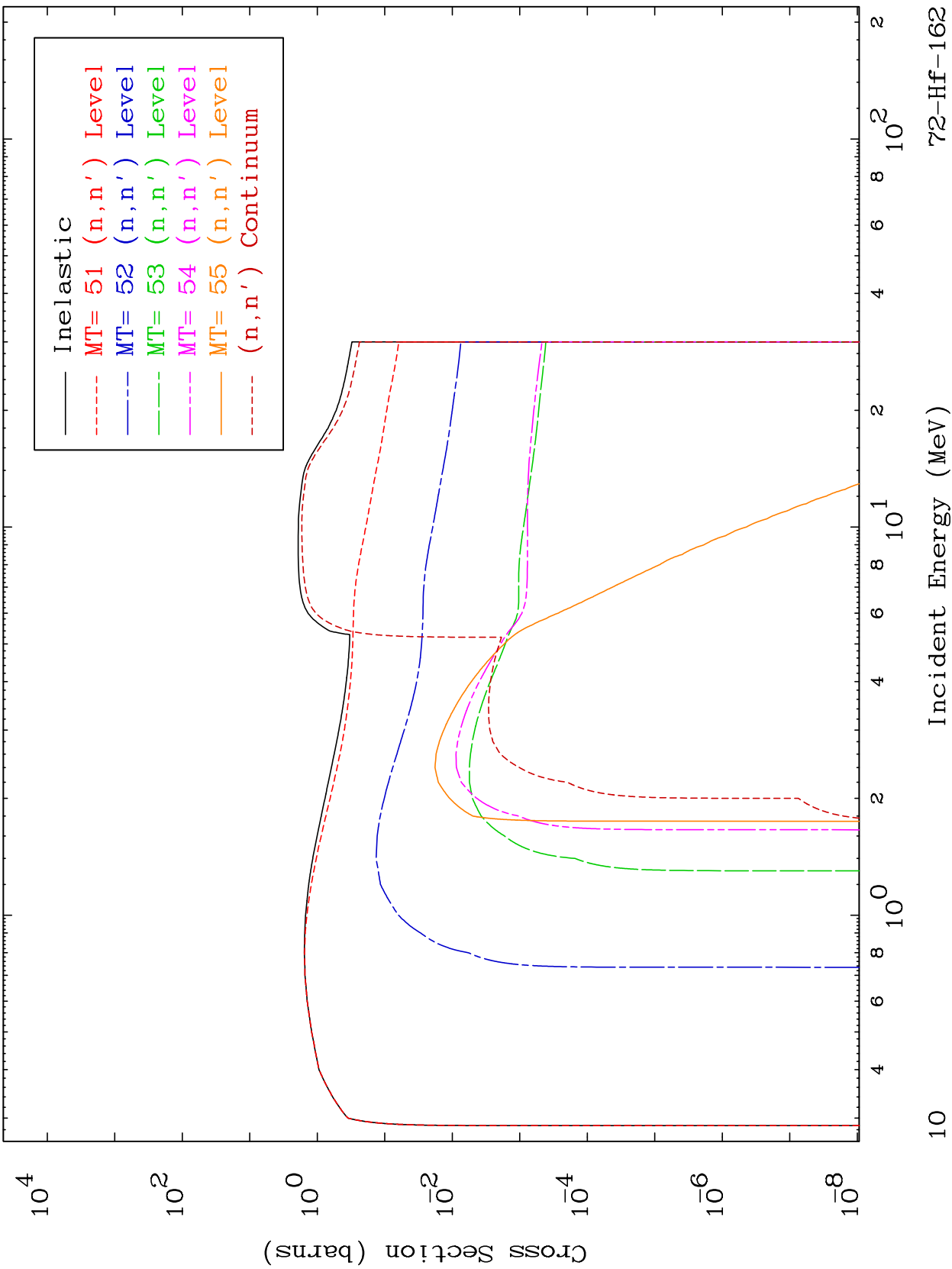




MAT 7189

(n,n') Levels
293 Kelvin Cross Sections

72-Hf-162



10

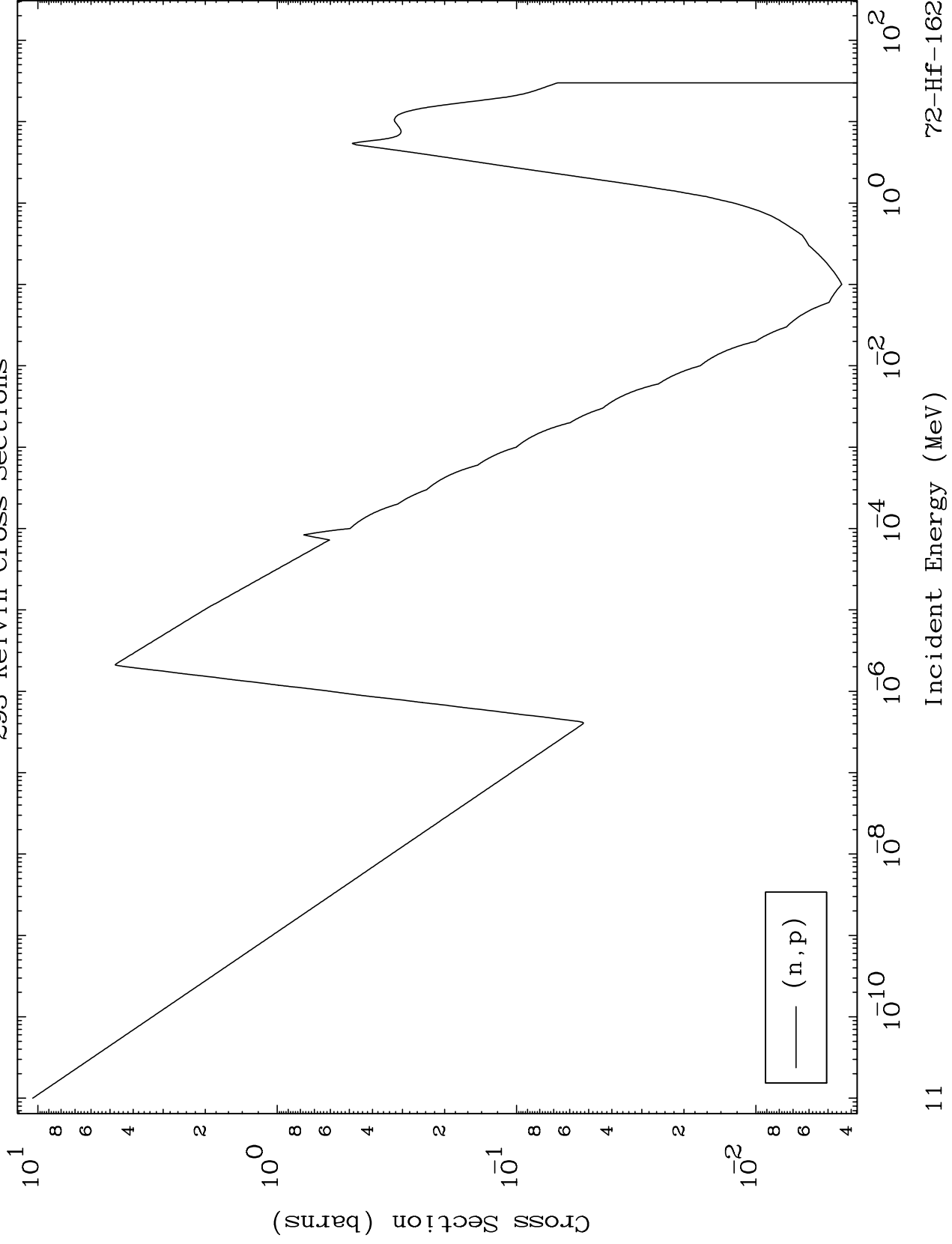
Incident Energy (MeV)

72-Hf-162

MAT 7189

(n,p) Levels
293 Kelvin Cross Sections

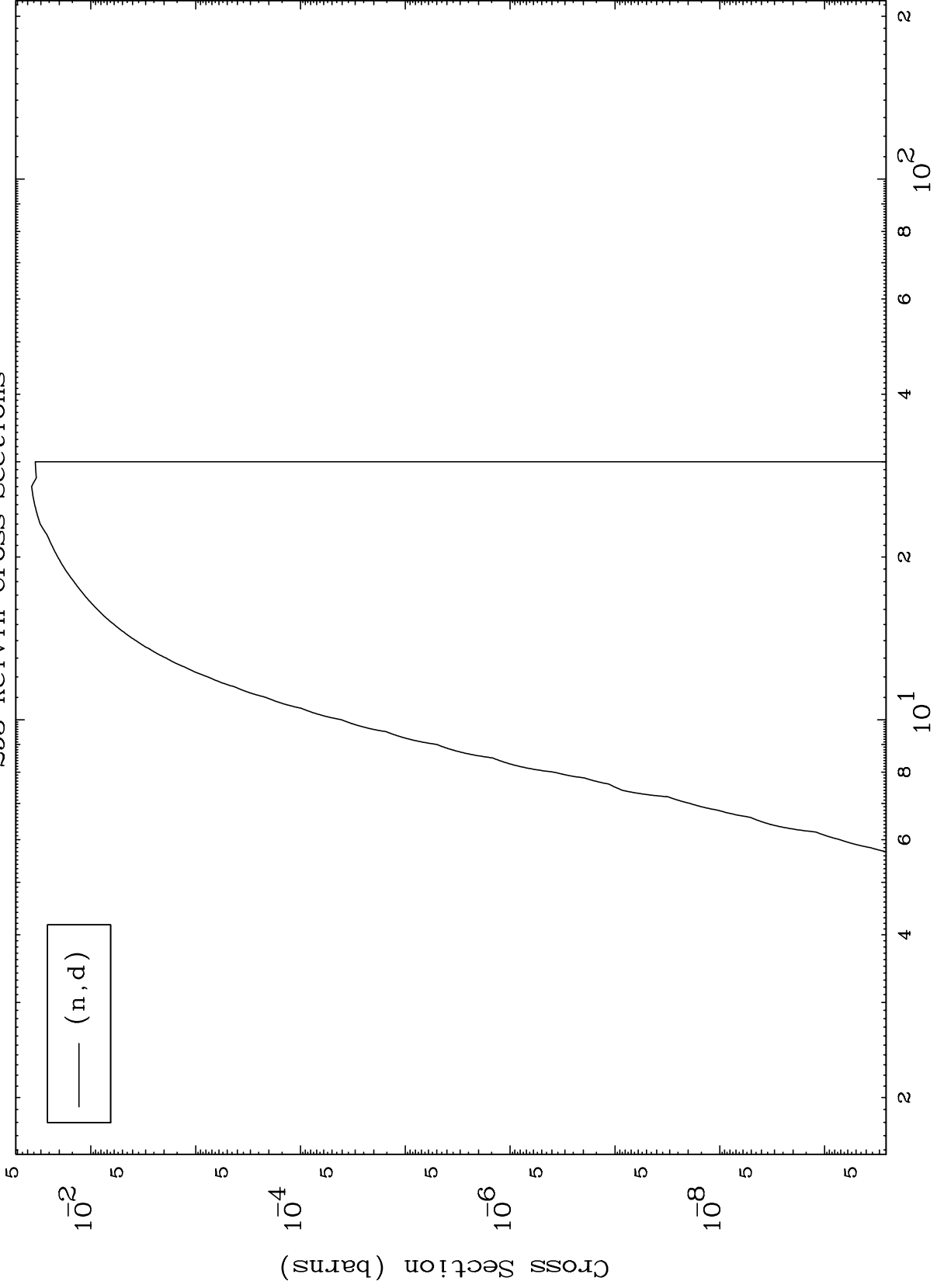
72-Hf-162



MAT 7189

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-162



(n,d)

12

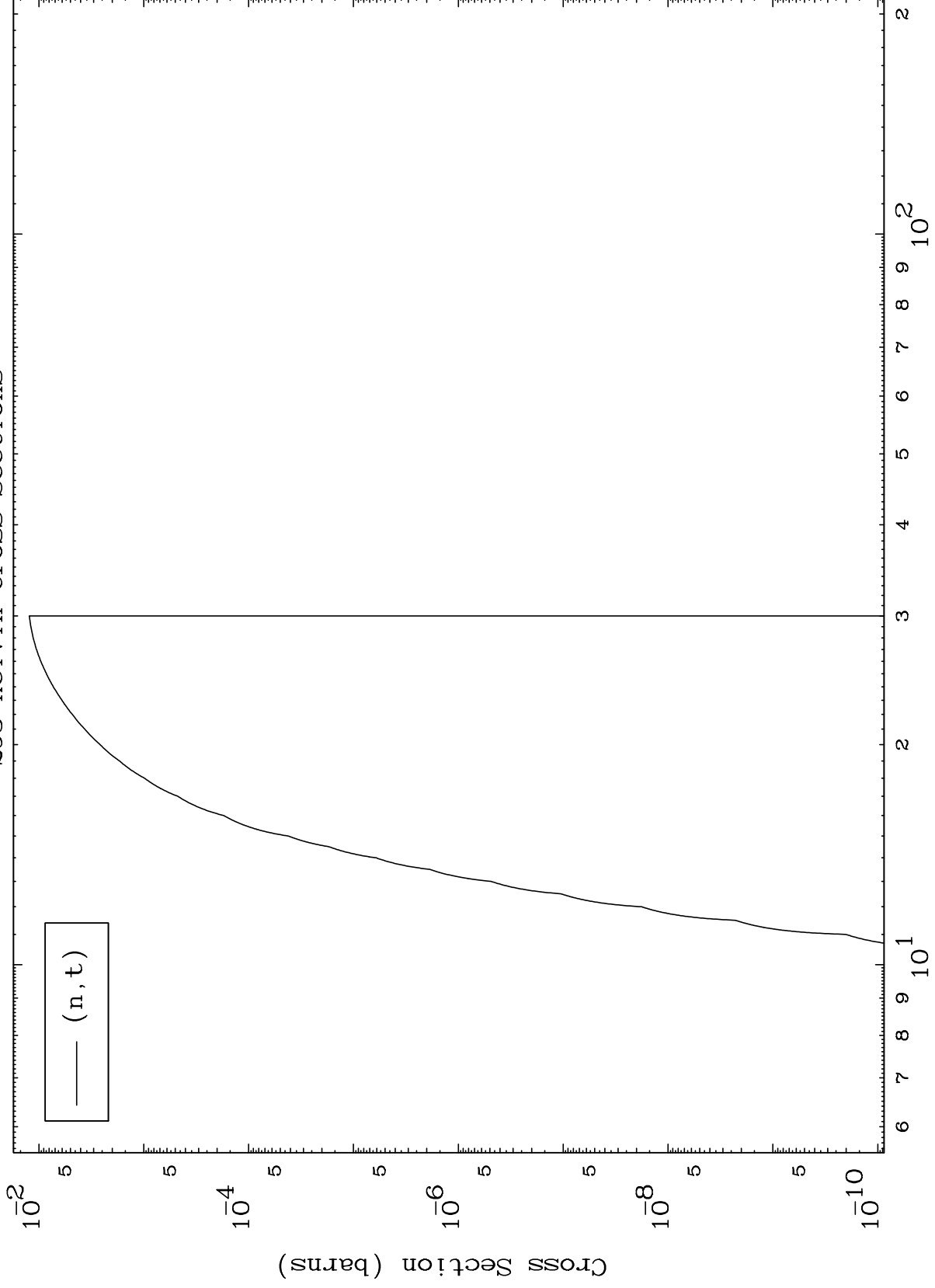
Incident Energy (MeV)

72-Hf-162

MAT 7189

(n, t) Levels
293 Kelvin Cross Sections

72-Hf-162



13

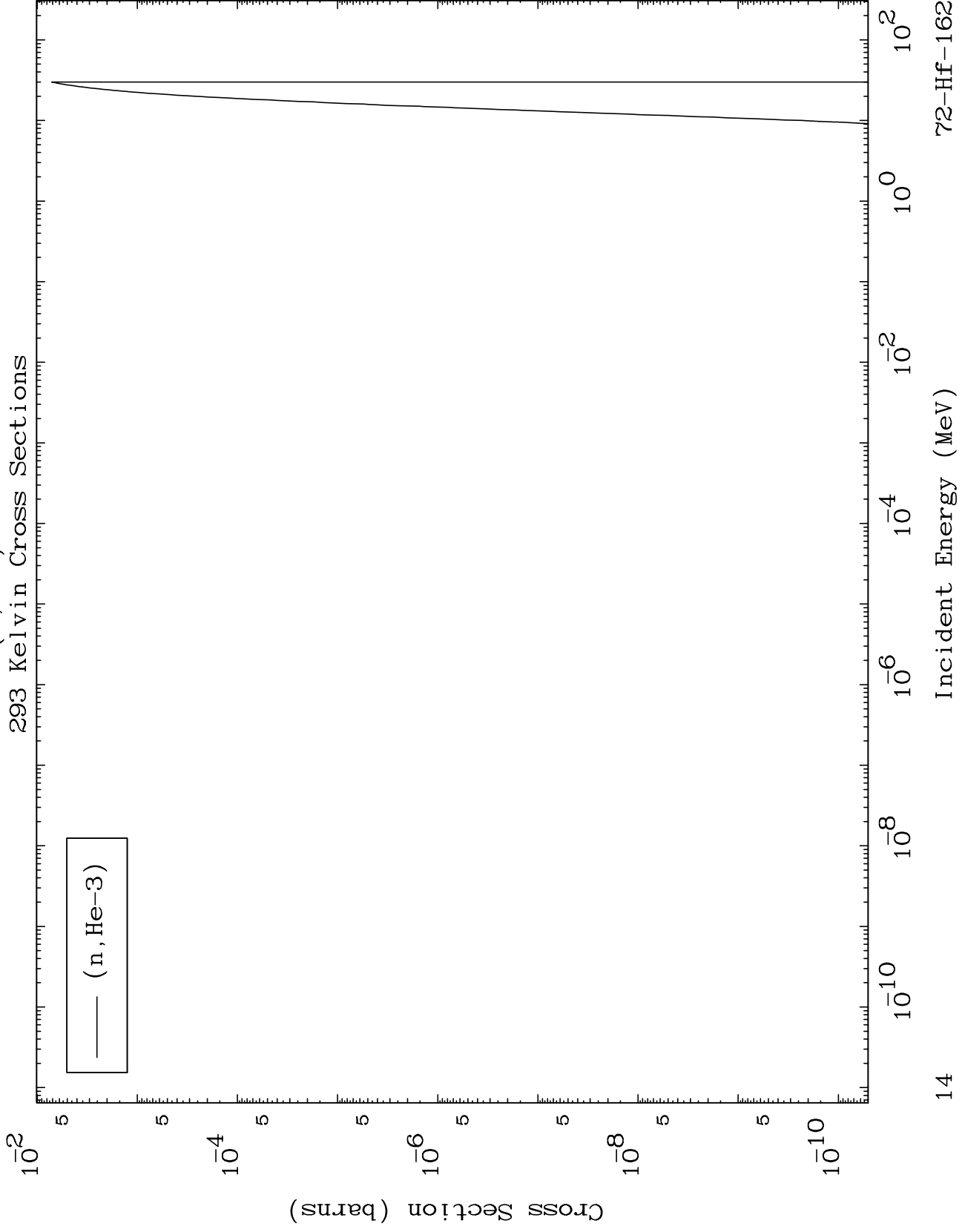
Incident Energy (MeV)

72-Hf-162

MAT 7189

(n,He3) Levels
293 Kelvin Cross Sections

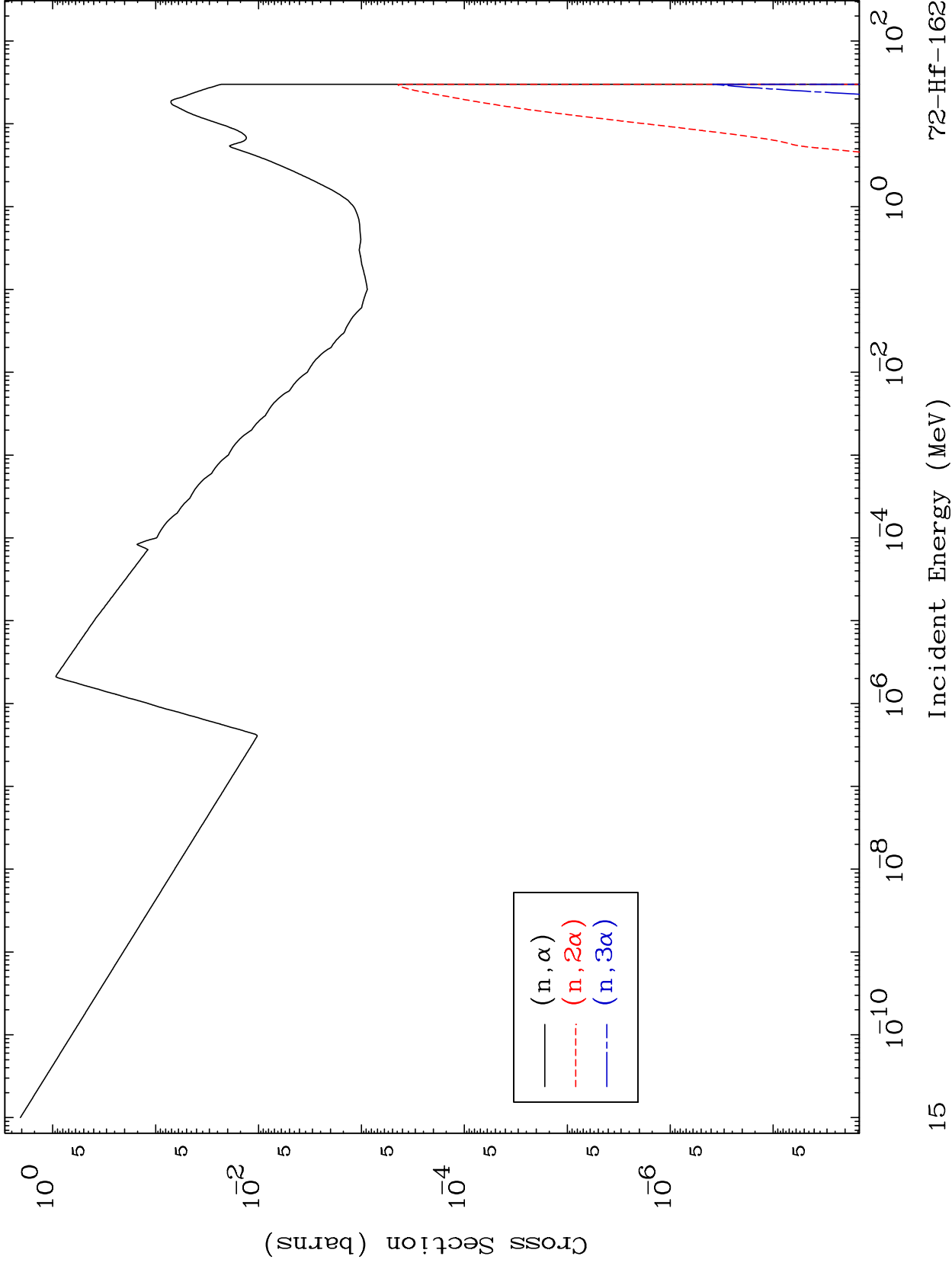
72-Hf-162



MAT 7189

(n, α) Levels
293 Kelvin Cross Sections

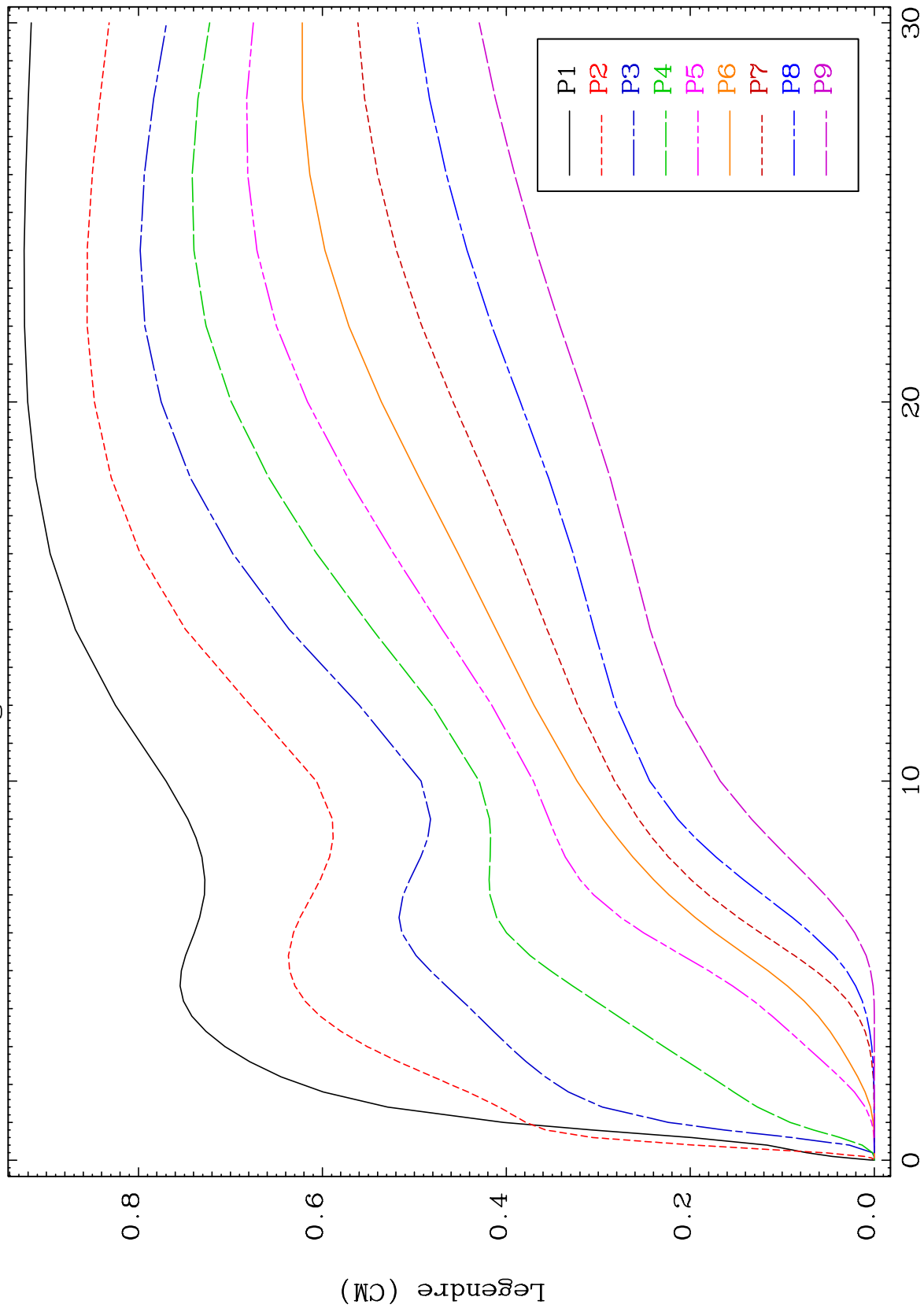
72-Hf-162



MAT 7189

Elastic Legendre Coefficients

72-Hf-162



16

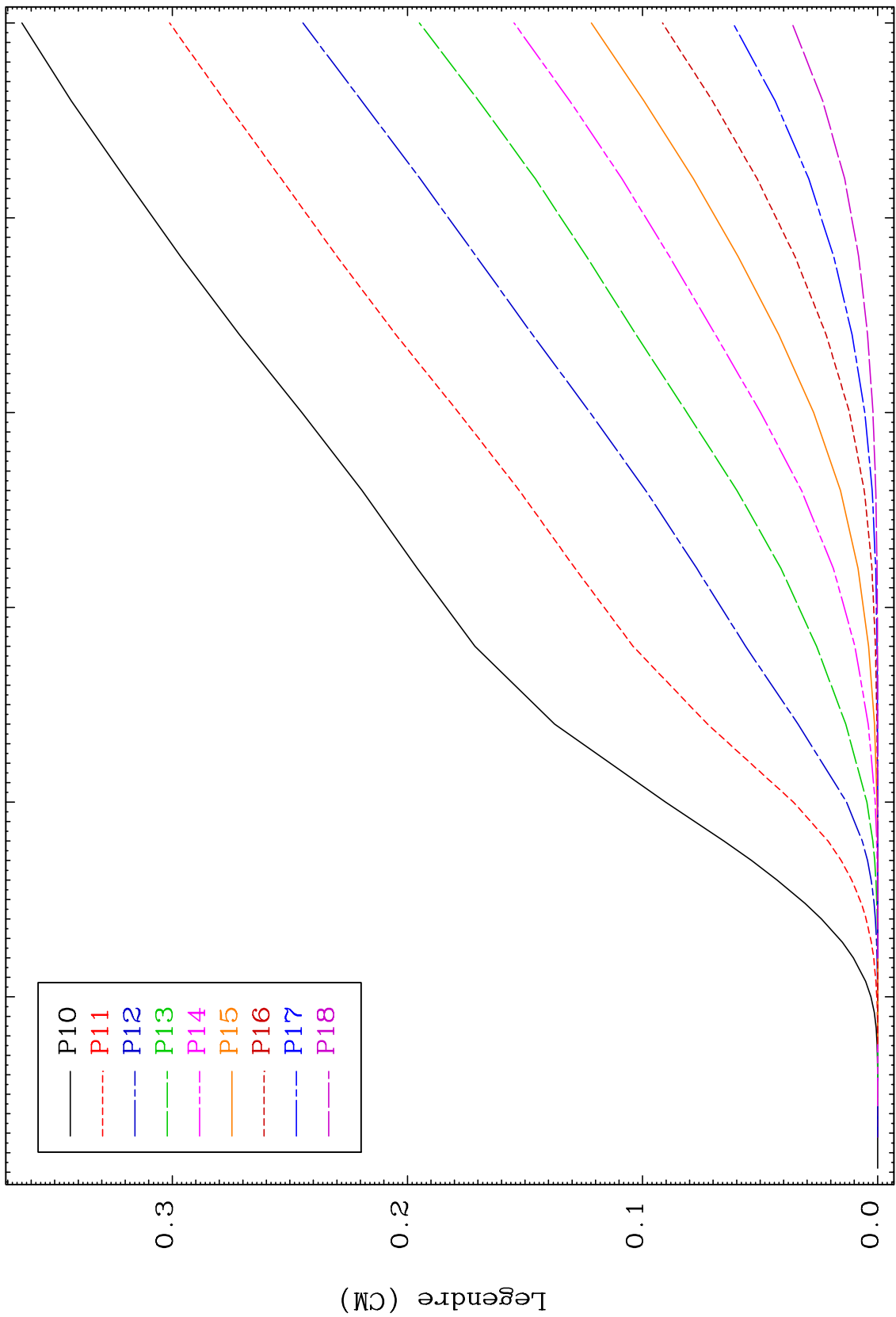
Incident Energy (MeV)

72-Hf-162

MAT 7189

Elastic Legendre Coefficients

72-Hf-162



17

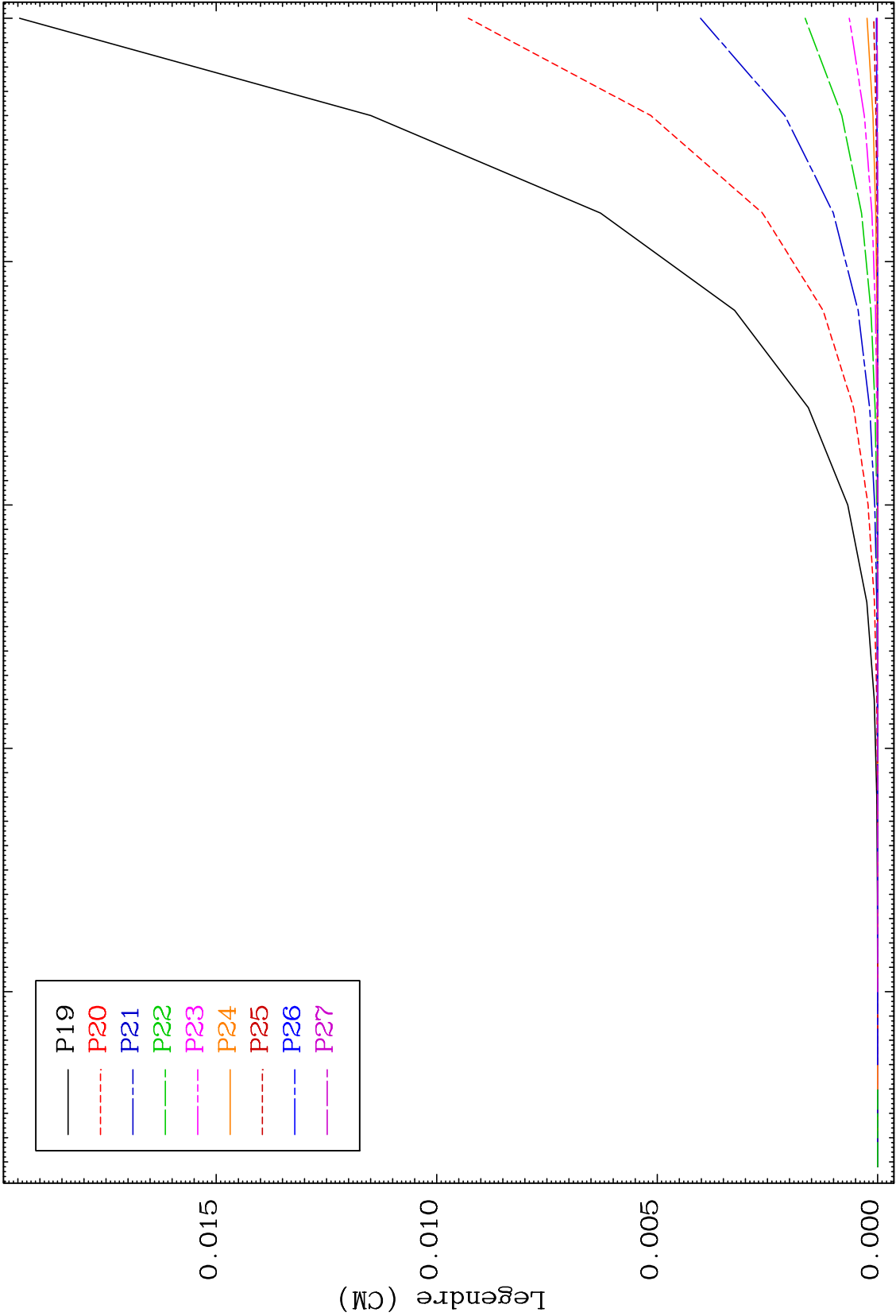
72-Hf-162

Incident Energy (MeV)

MAT 7189

Elastic Legendre Coefficients

72-Hf-162



18

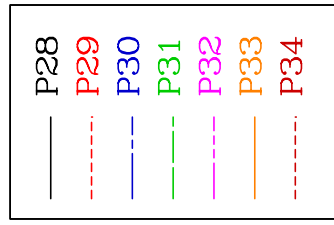
Incident Energy (MeV)

72-Hf-162

MAT 7189

Elastic Legendre Coefficients

72-Hf-162



$\times 10^{-6}$

Legendre (CM)

3

2

1

0

15

20

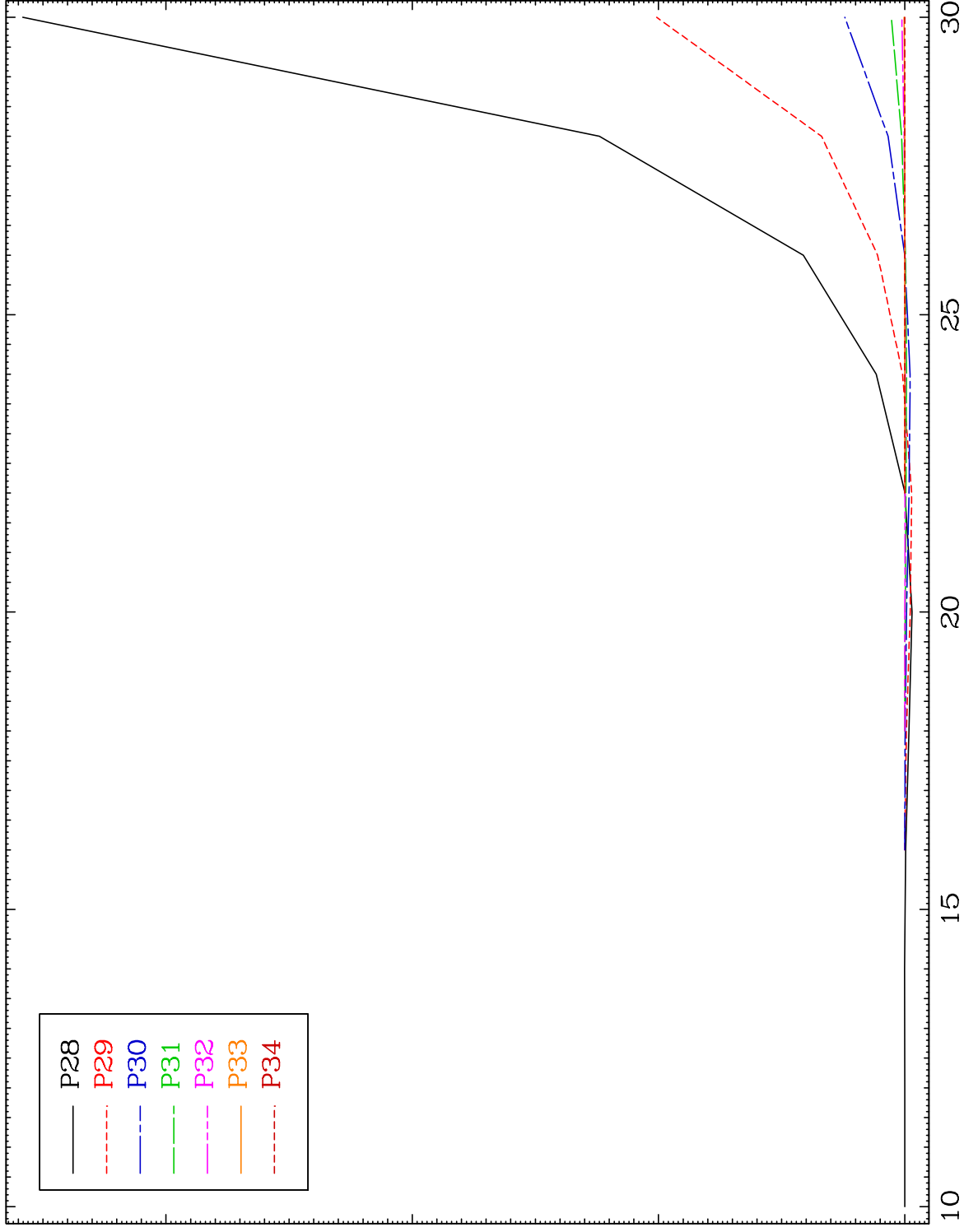
25

30

19

Incident Energy (MeV)

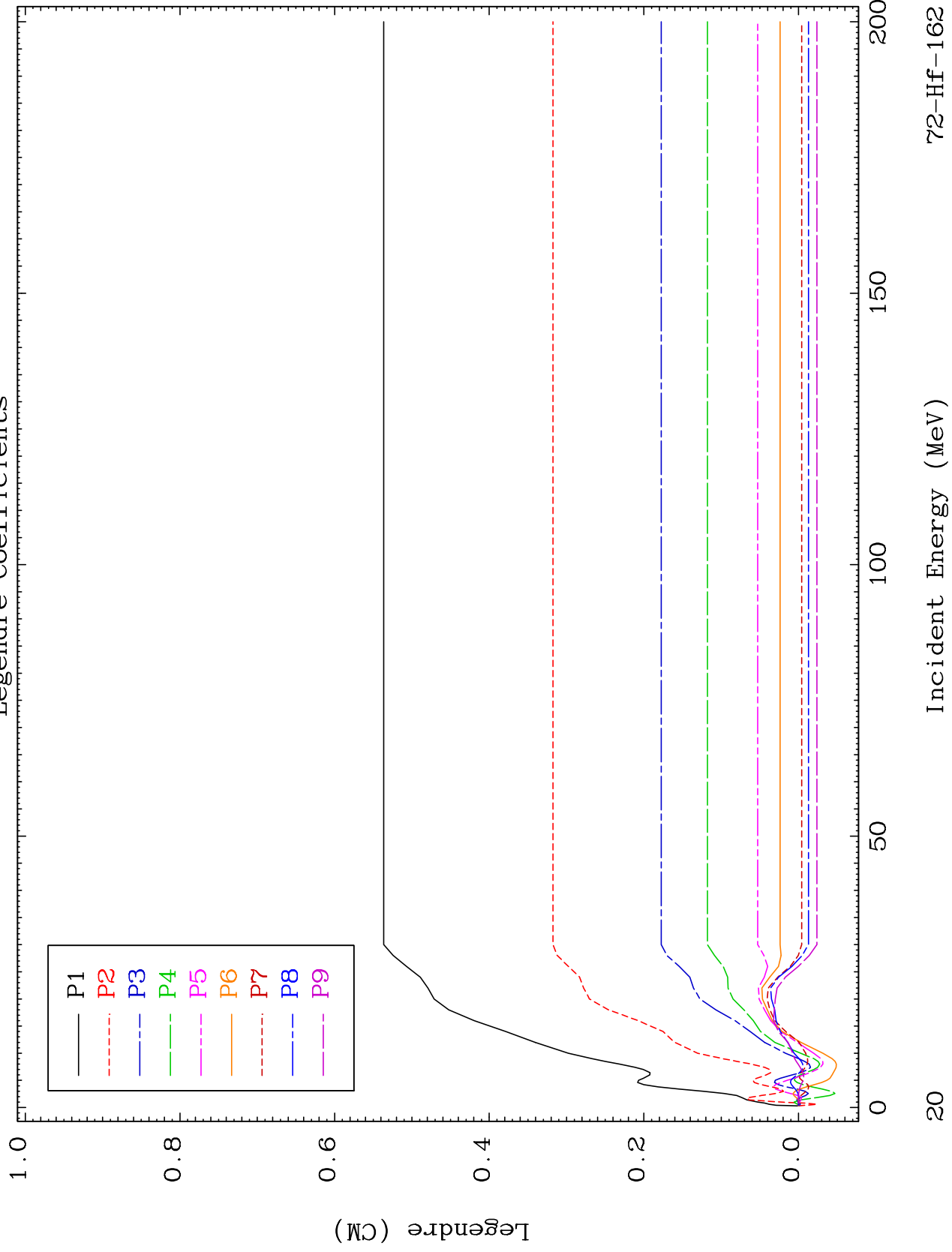
72-Hf-162



MAT 7189

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

72-Hf-162



72-Hf-162

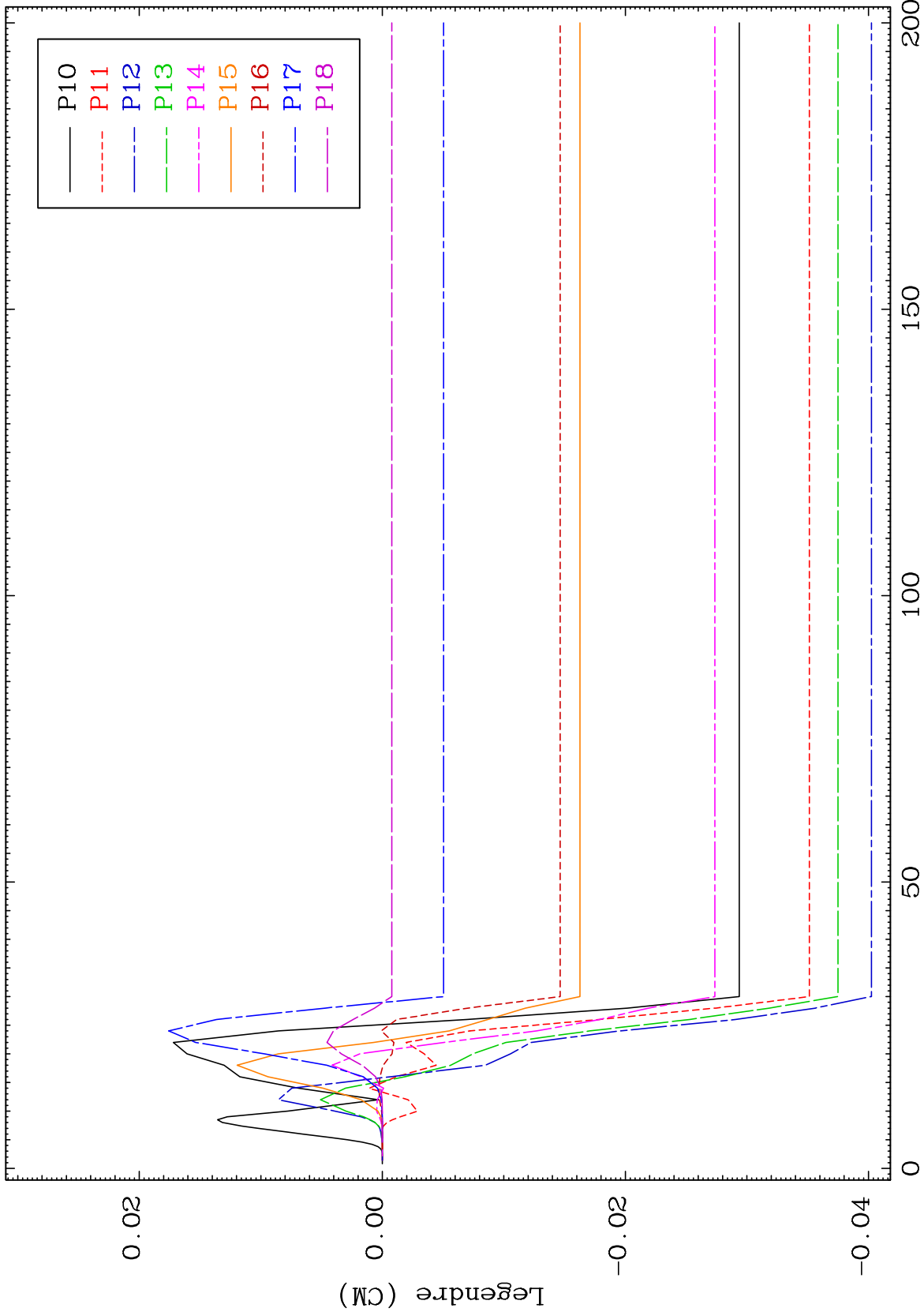
Incident Energy (MeV)

0

MAT 7189

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

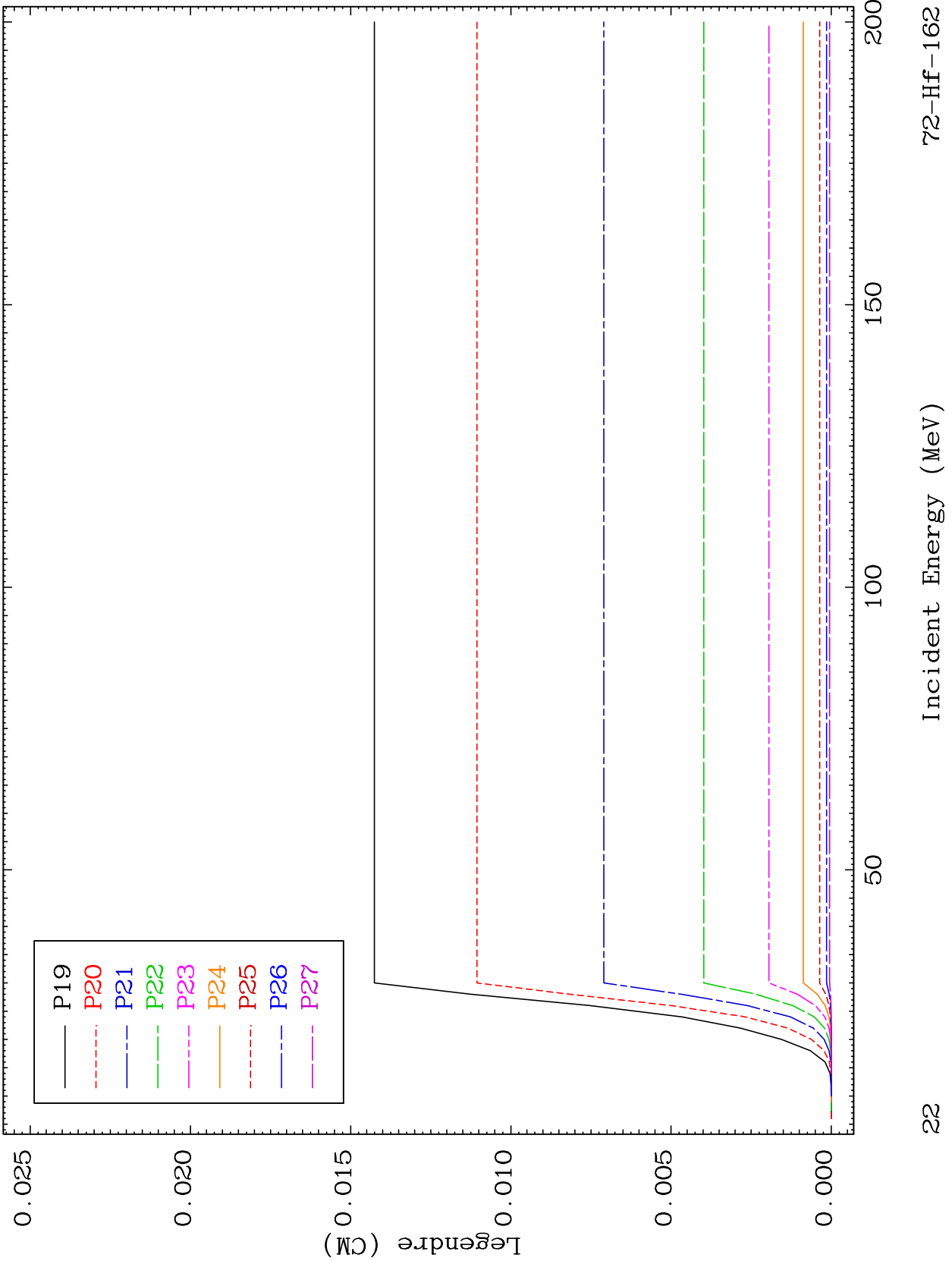
72-Hf-162



21

Incident Energy (MeV)

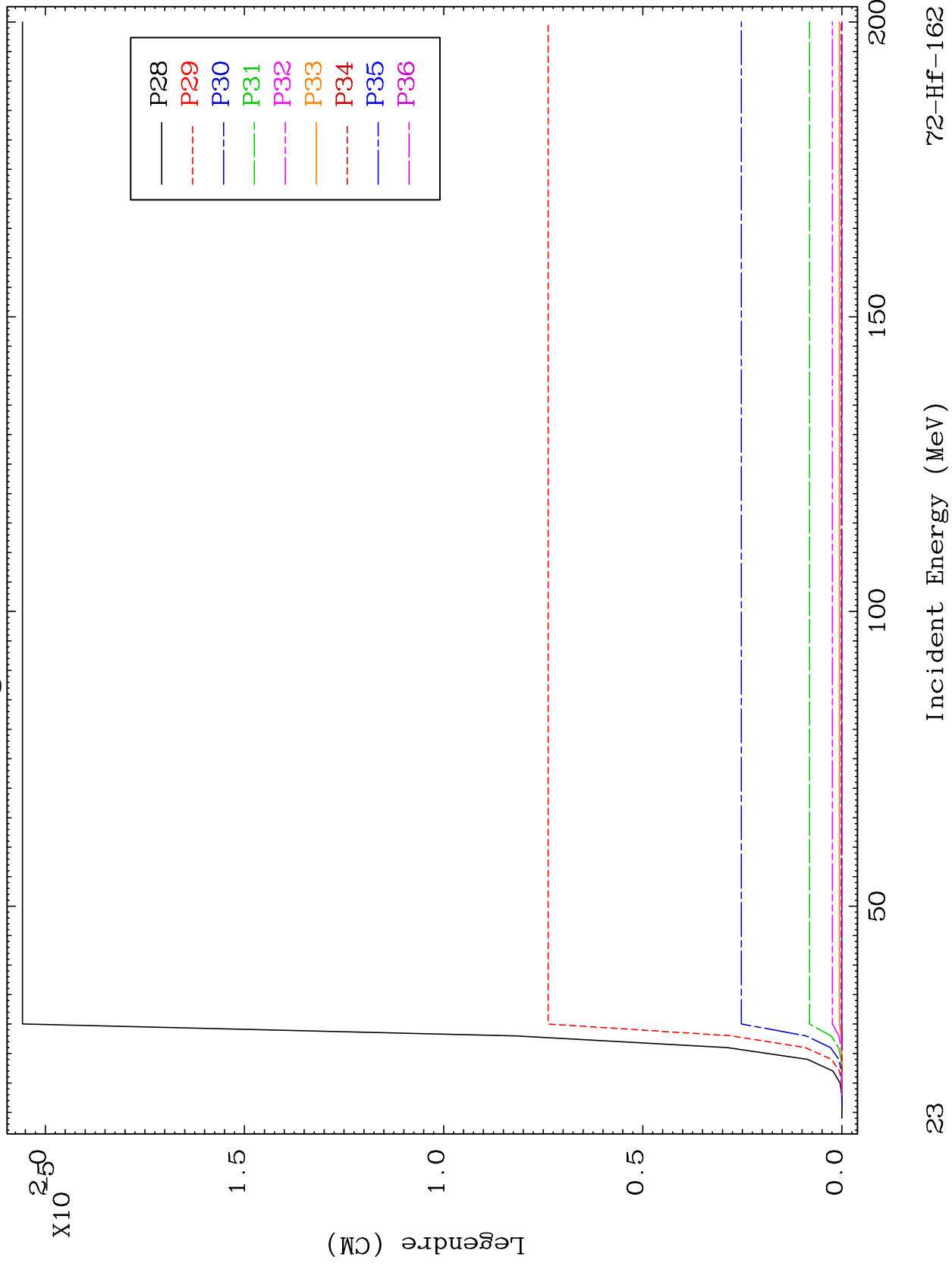
72-Hf-162



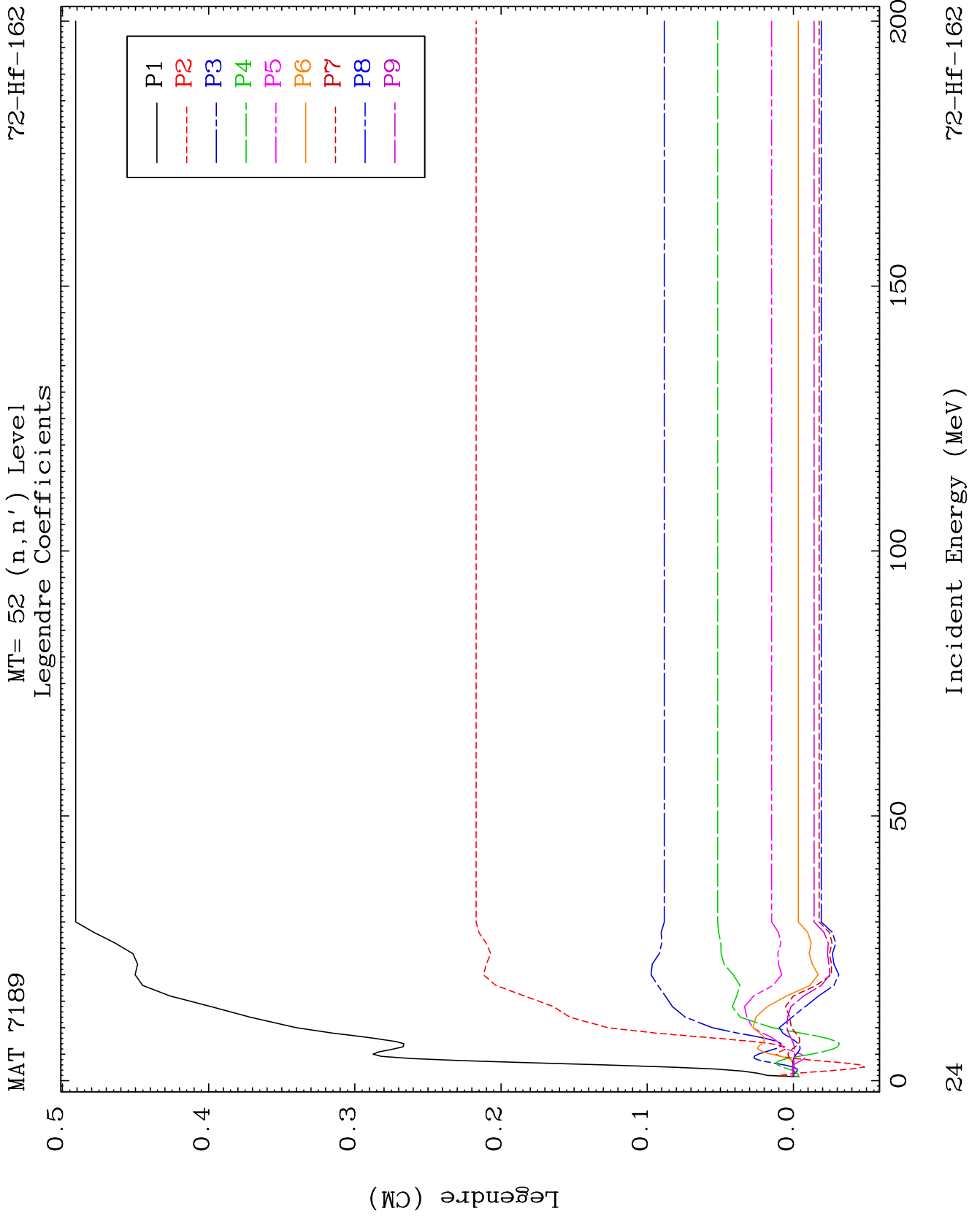
MAT 7189

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

72-Hf-162



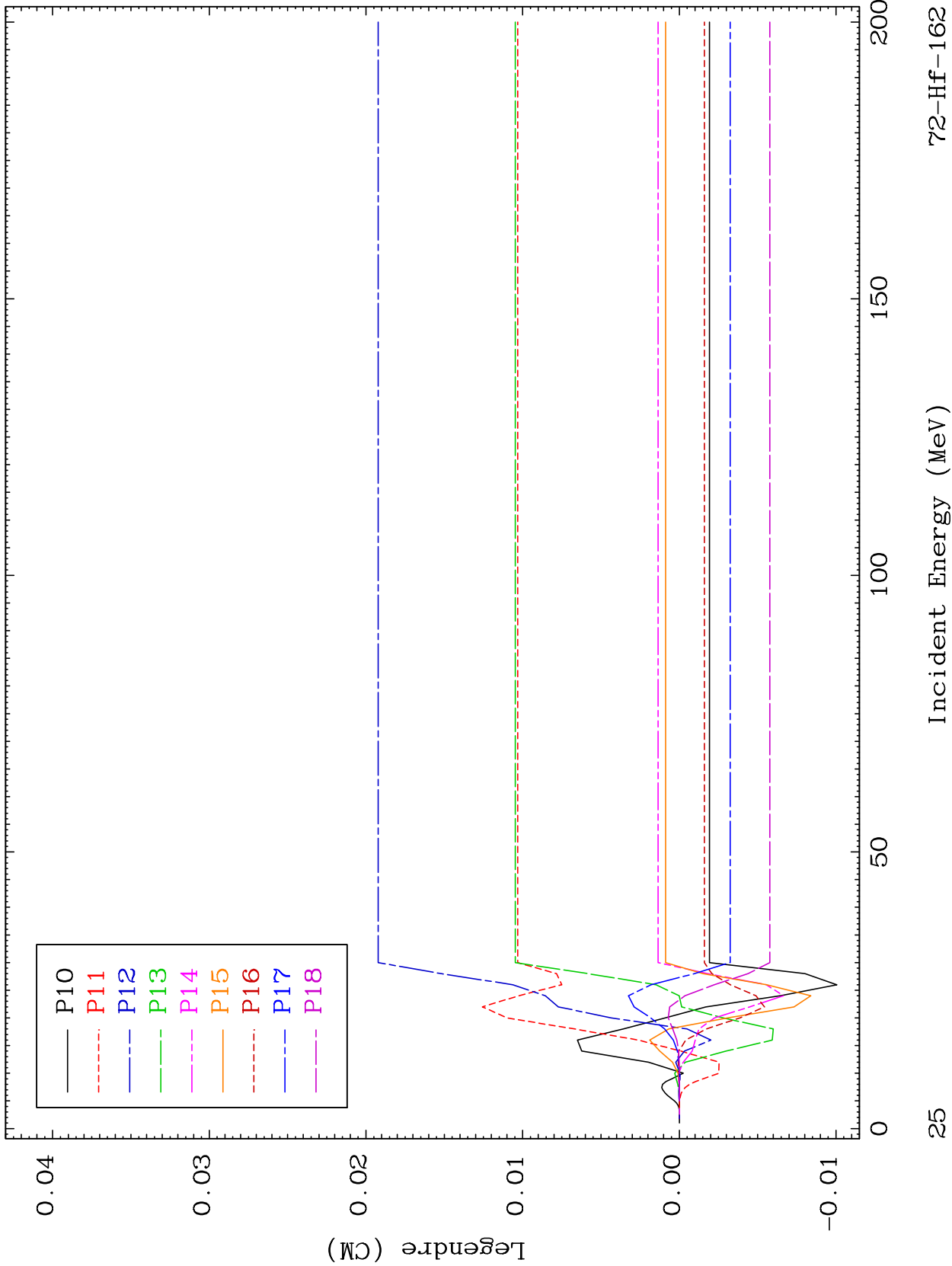
23



MAT 7189

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

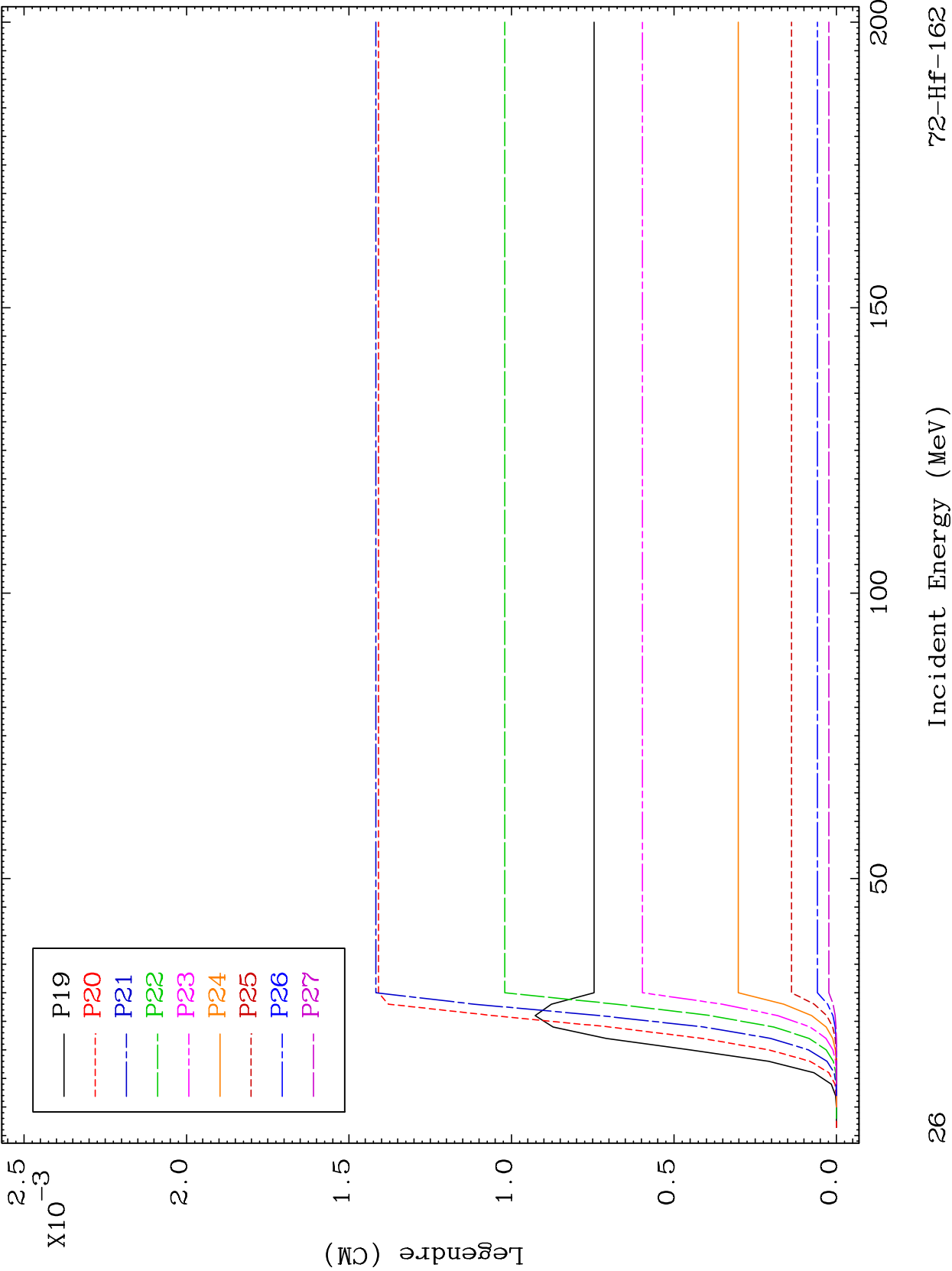
72-Hf-162



72-Hf-162

Incident Energy (MeV)

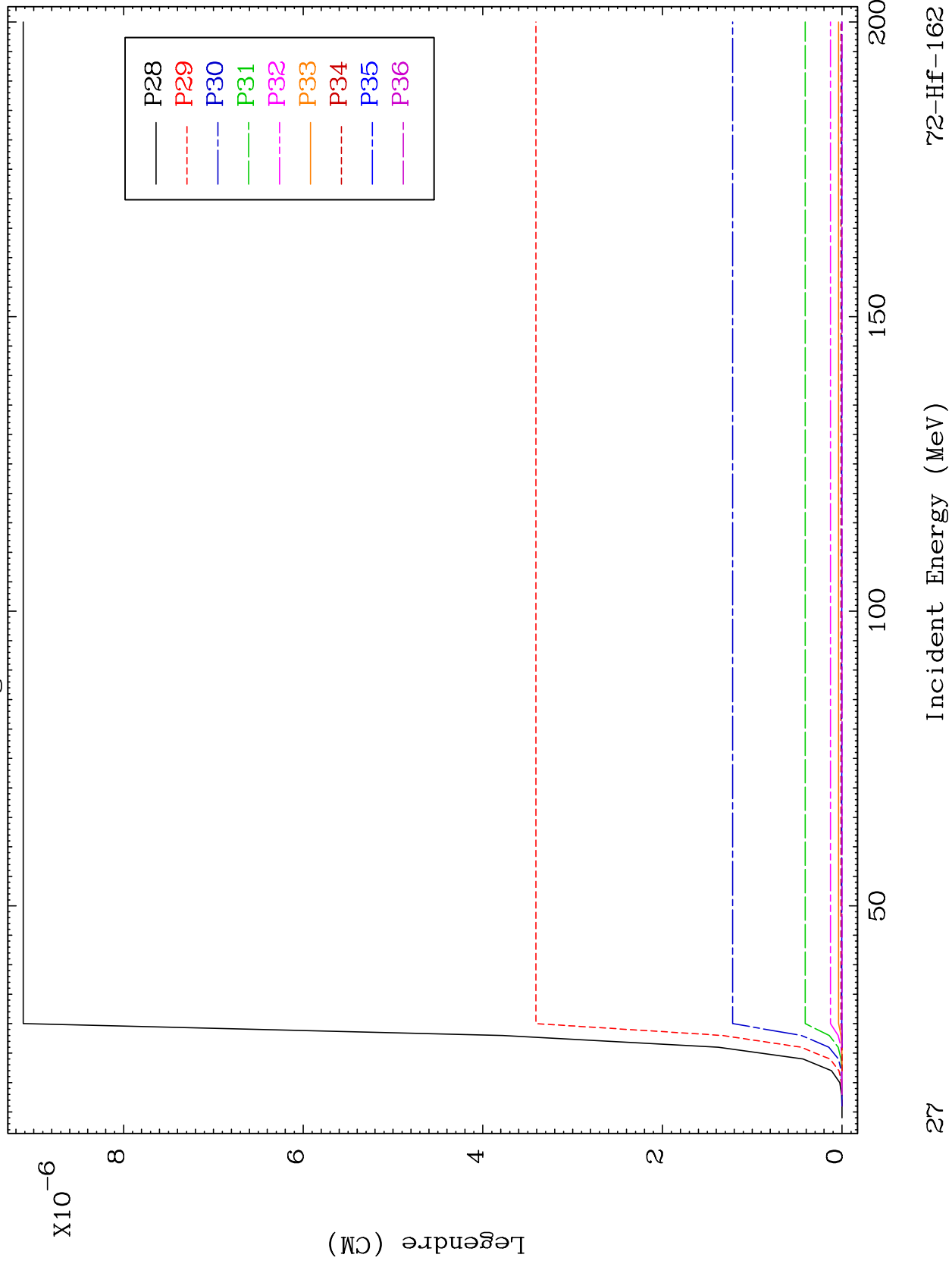
25



MAT 7189

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

72-Hf-162



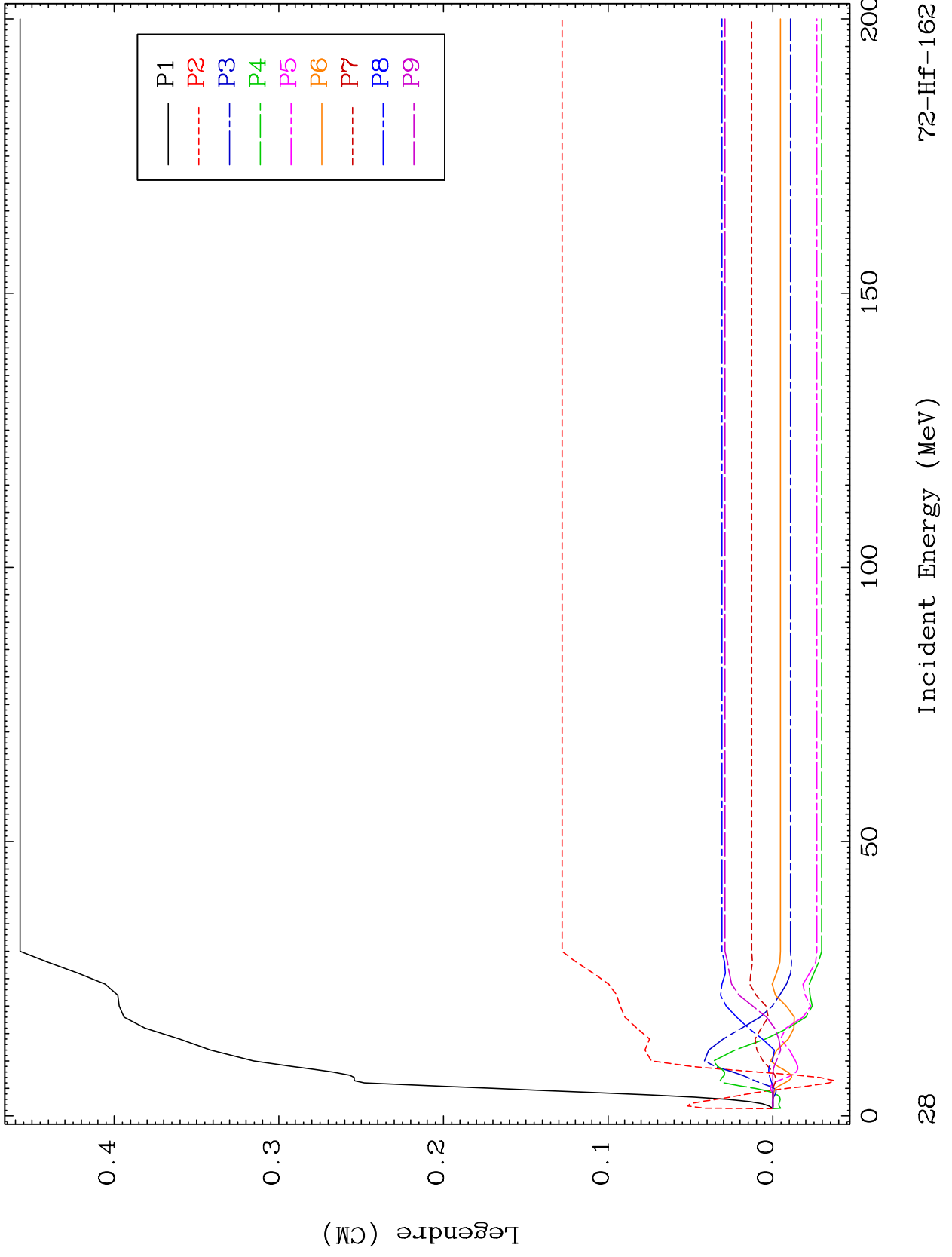
27

72-Hf-162

MAT 7189

MT= 53 (n,n') Level
Legendre Coefficients

72-Hf-162



72-Hf-162

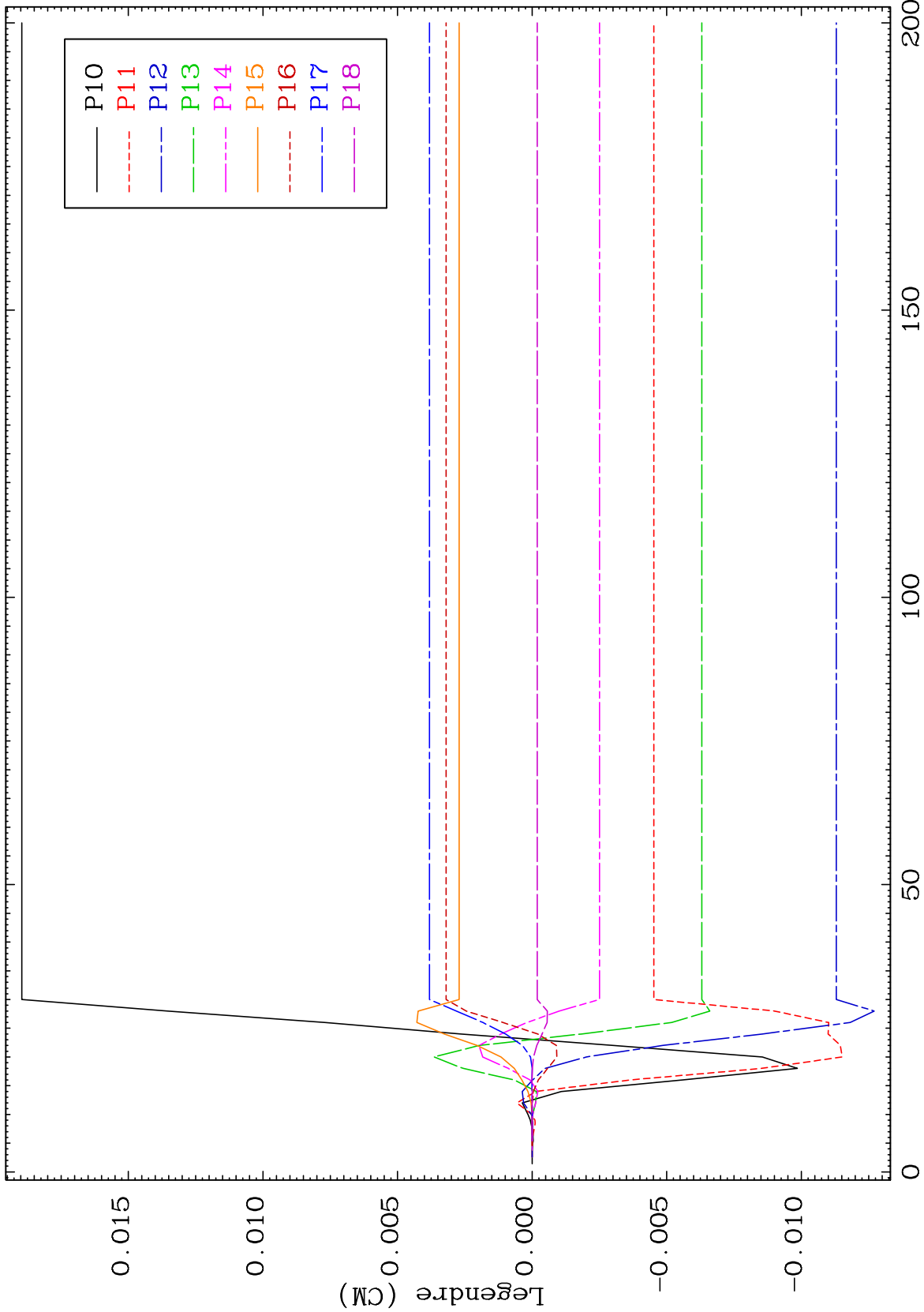
Incident Energy (MeV)

28

MAT 7189

MT= 53 (n,n') Level
Legendre Coefficients

72-Hf-162



29

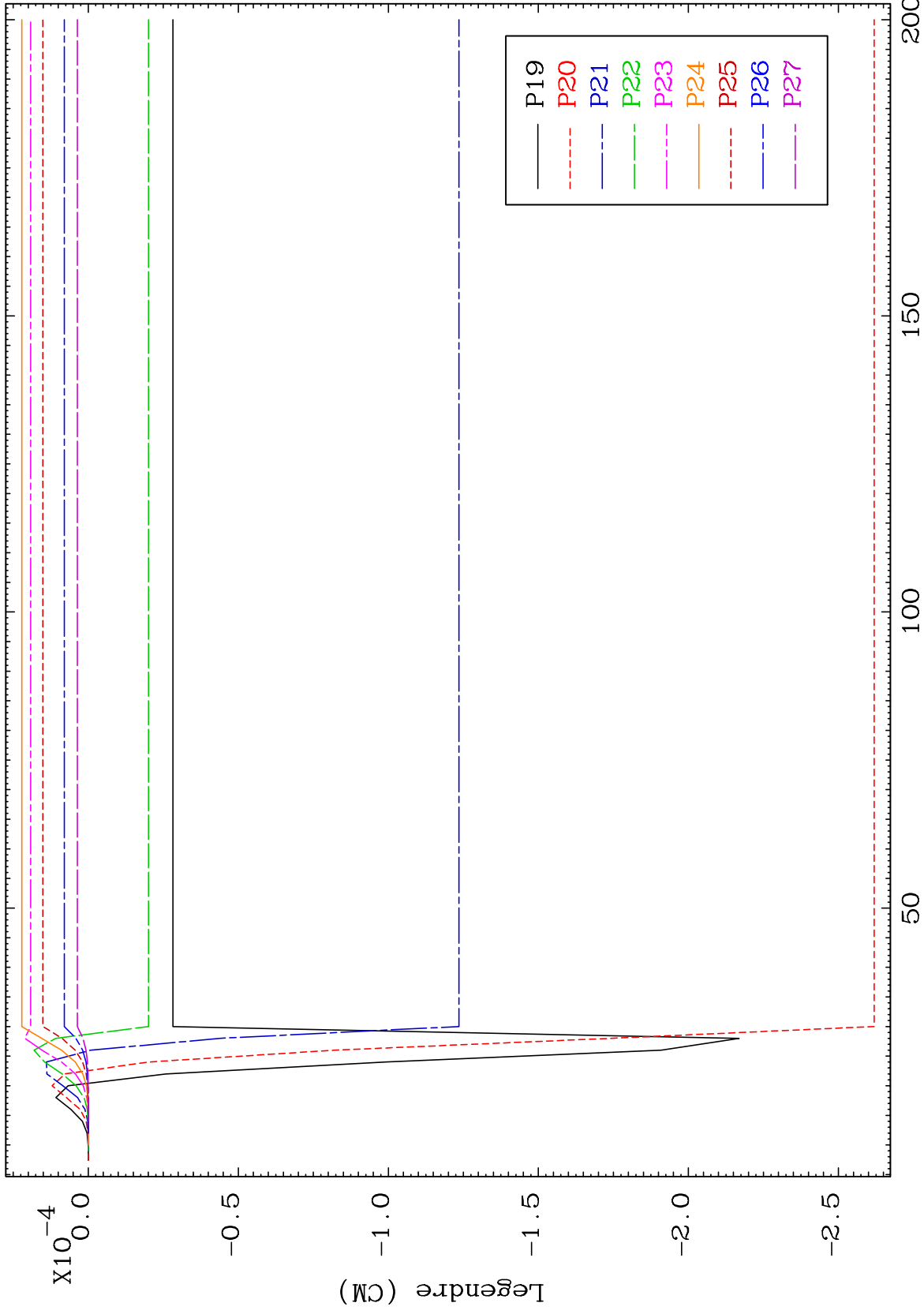
Incident Energy (MeV)

72-Hf-162

MAT 7189

MT= 53 (n,n') Level
Legendre Coefficients

72-Hf-162



30

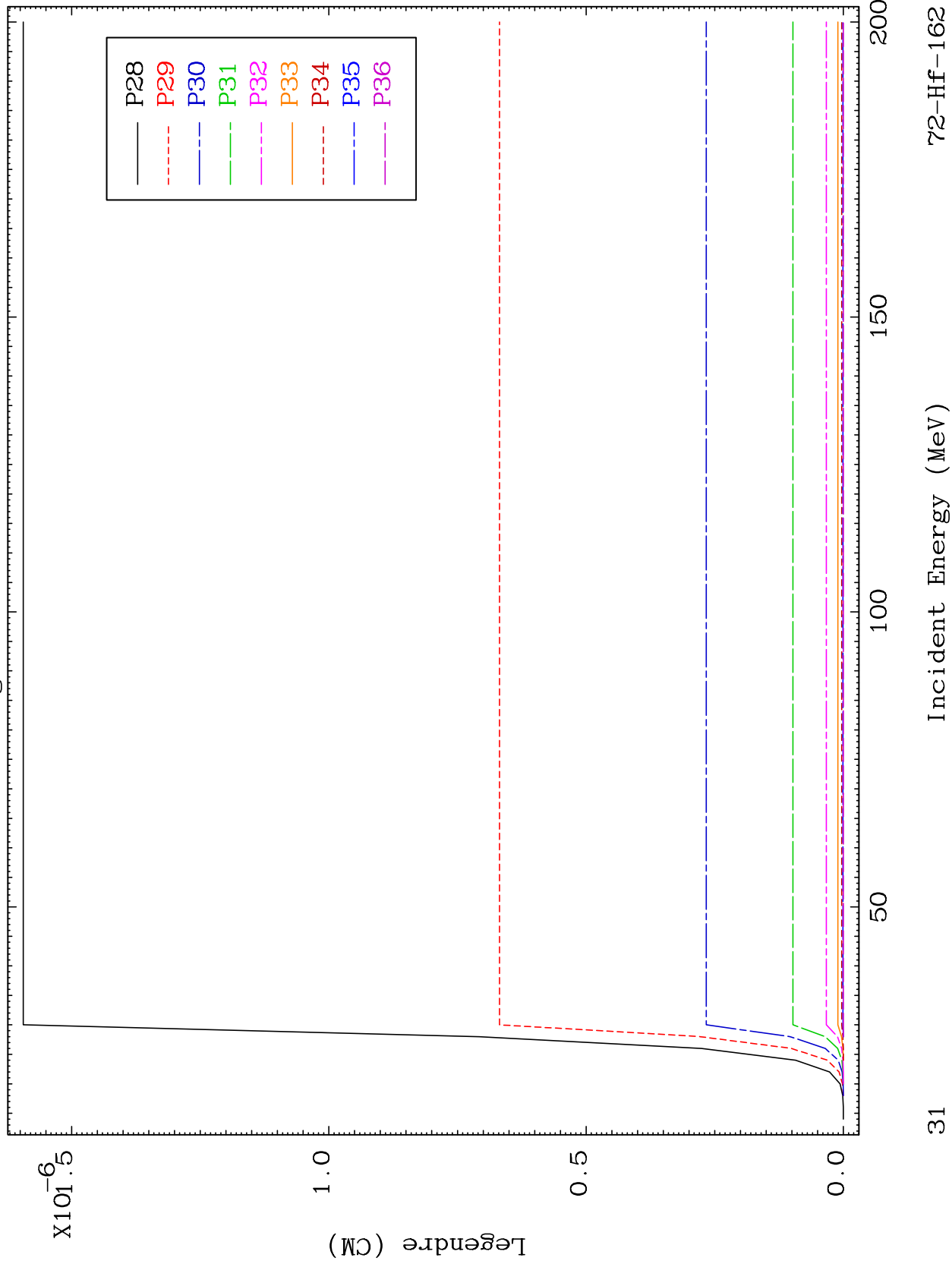
Incident Energy (MeV)

72-Hf-162

MAT 7189

MT= 53 (n,n') Level
Legendre Coefficients

72-Hf-162



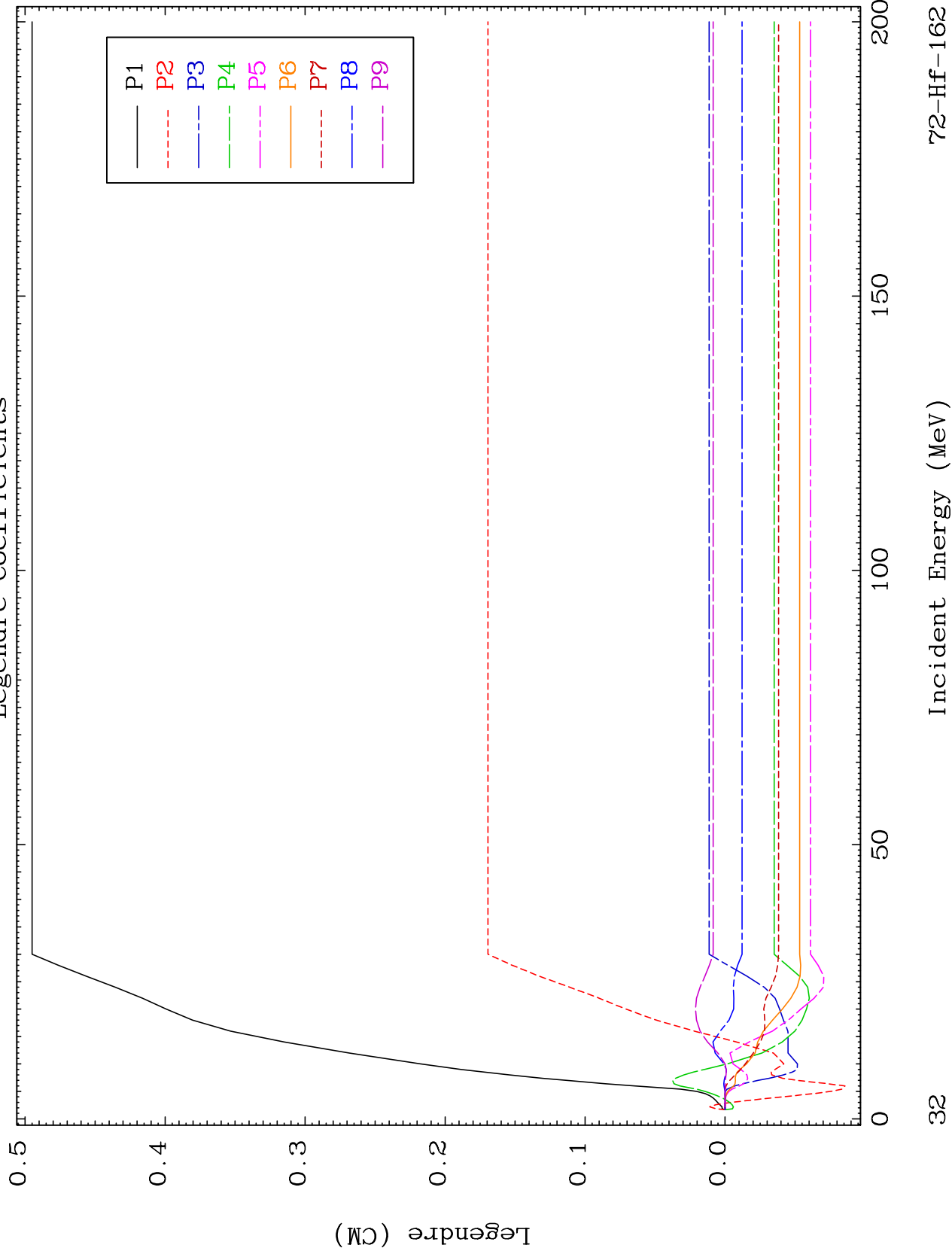
31

72-Hf-162

MAT 7189

MT= 54 (n,n') Level
Legendre Coefficients

72-Hf-162



72-Hf-162

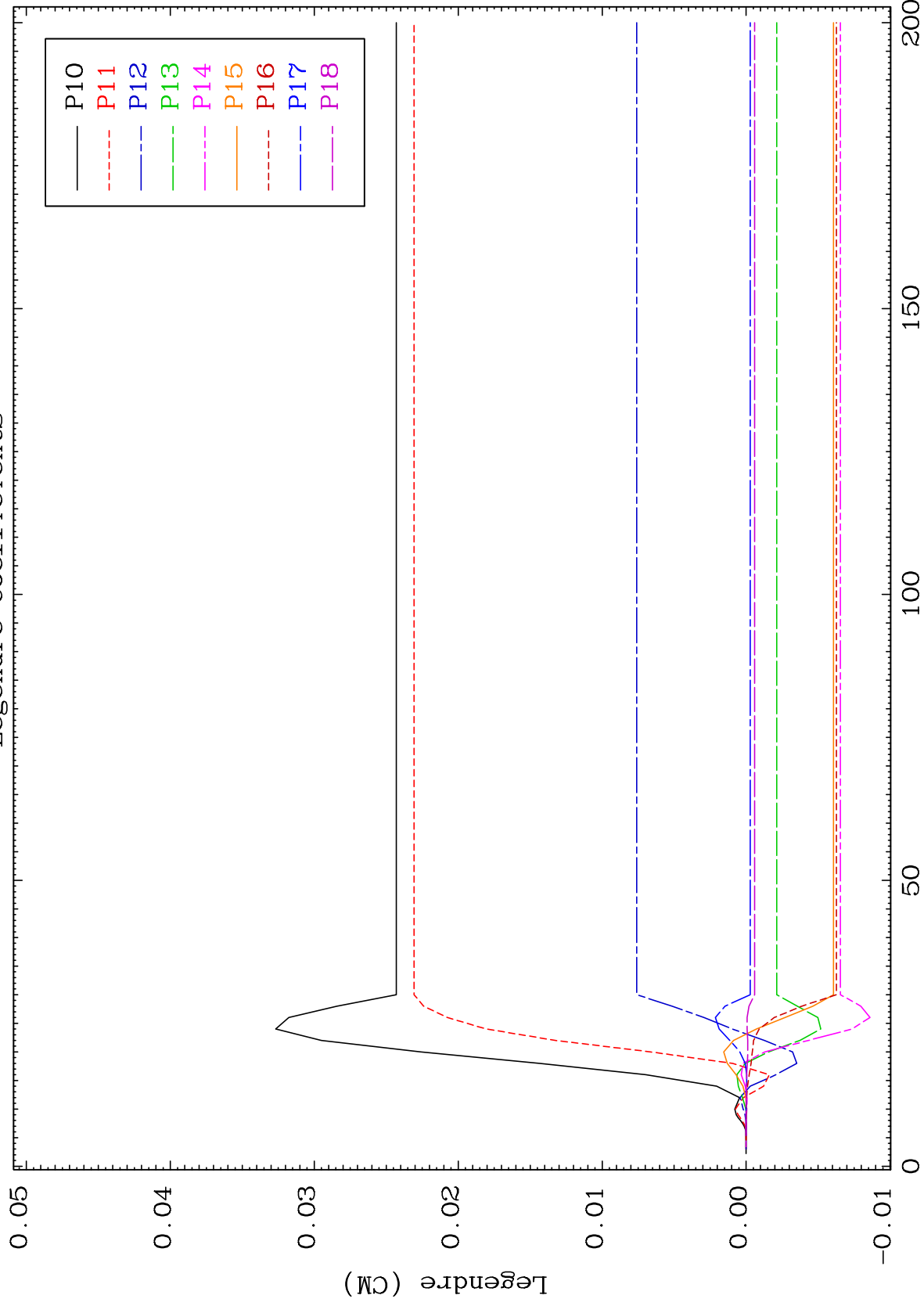
Incident Energy (MeV)

32

MAT 7189

MT= 54 (n,n') Level
Legendre Coefficients

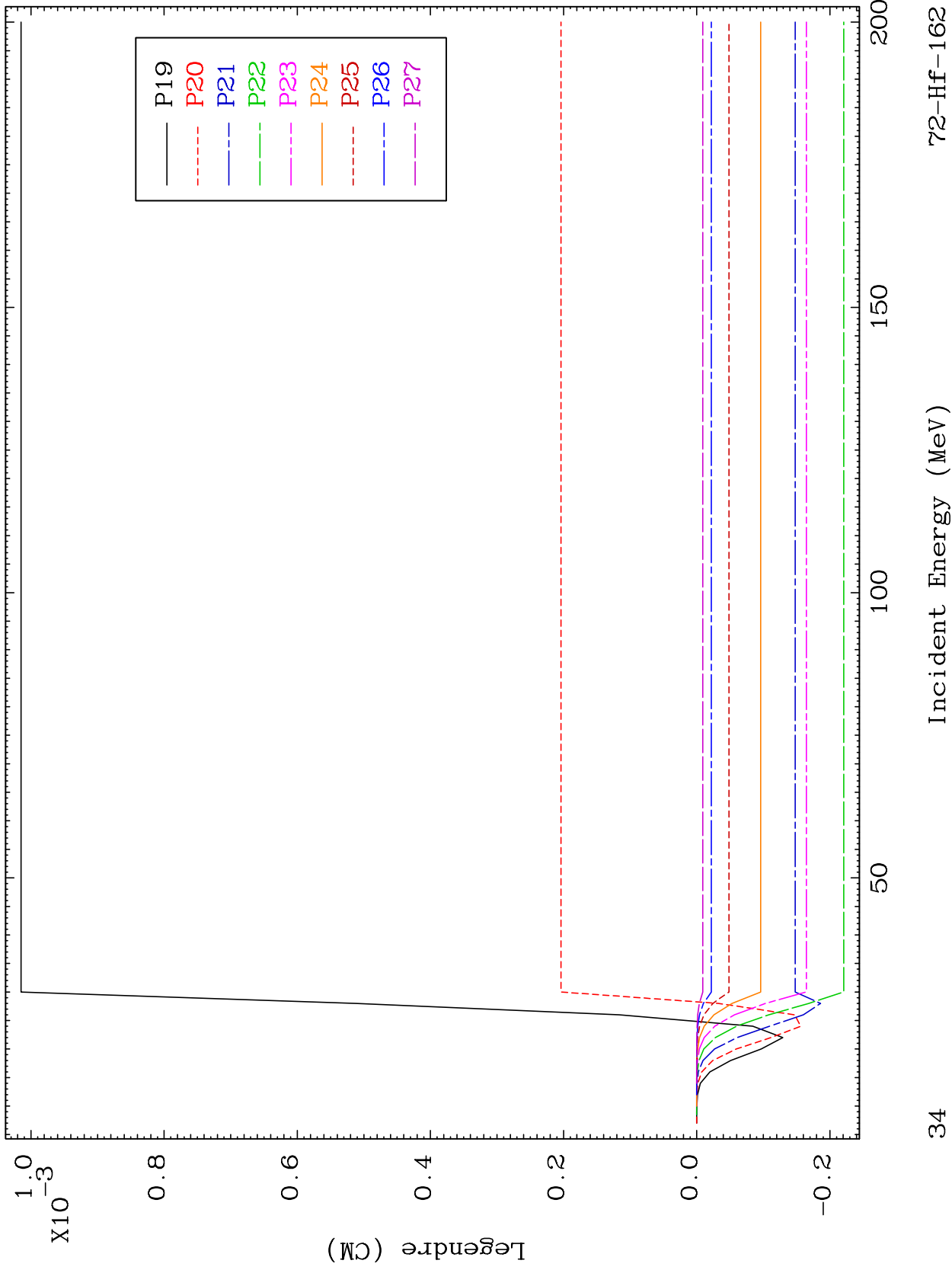
72-Hf-162



33

Incident Energy (MeV)

72-Hf-162

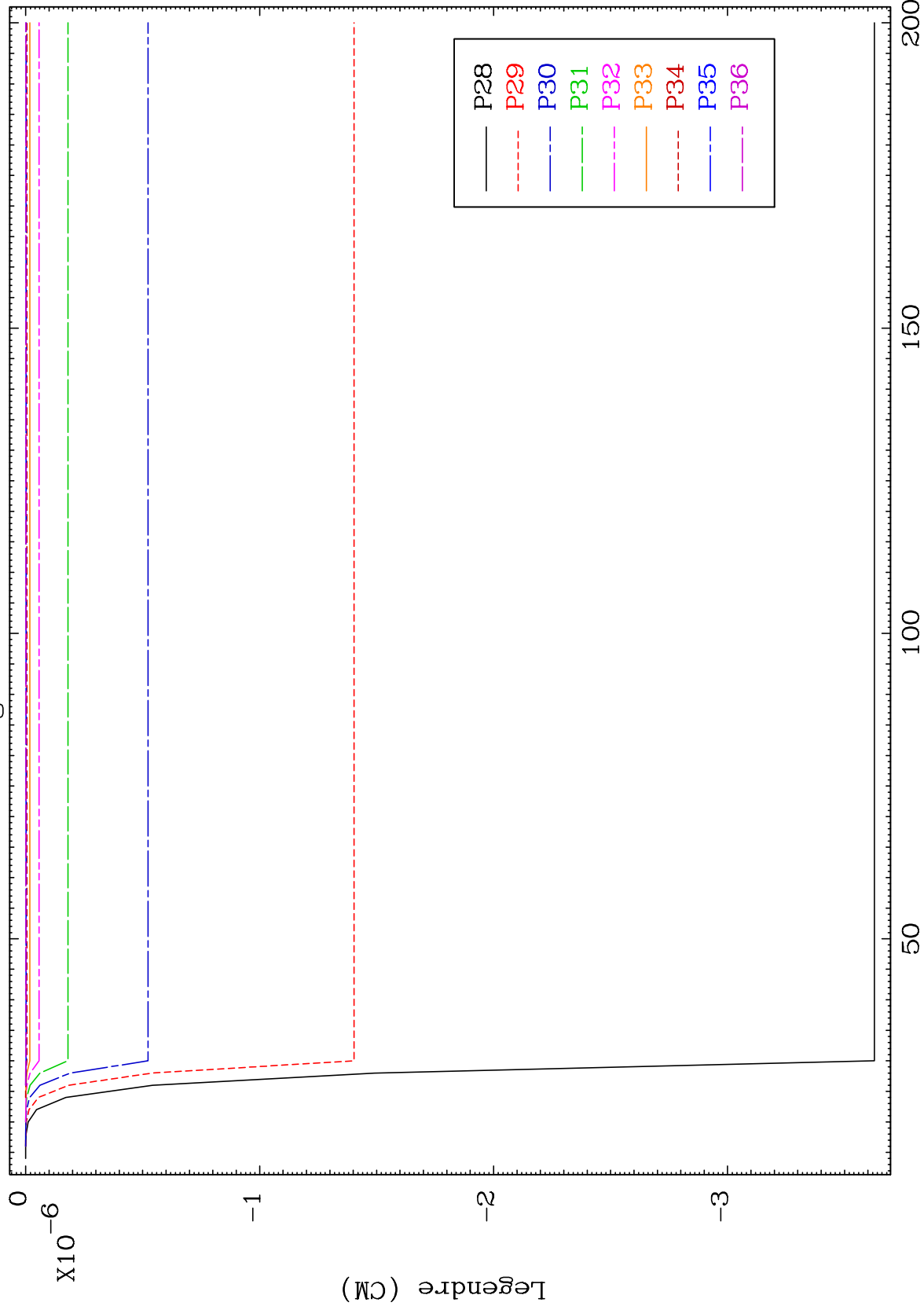


MAT 7189

MT= 54 (n,n') Level

72-Hf-162

Legendre Coefficients



35

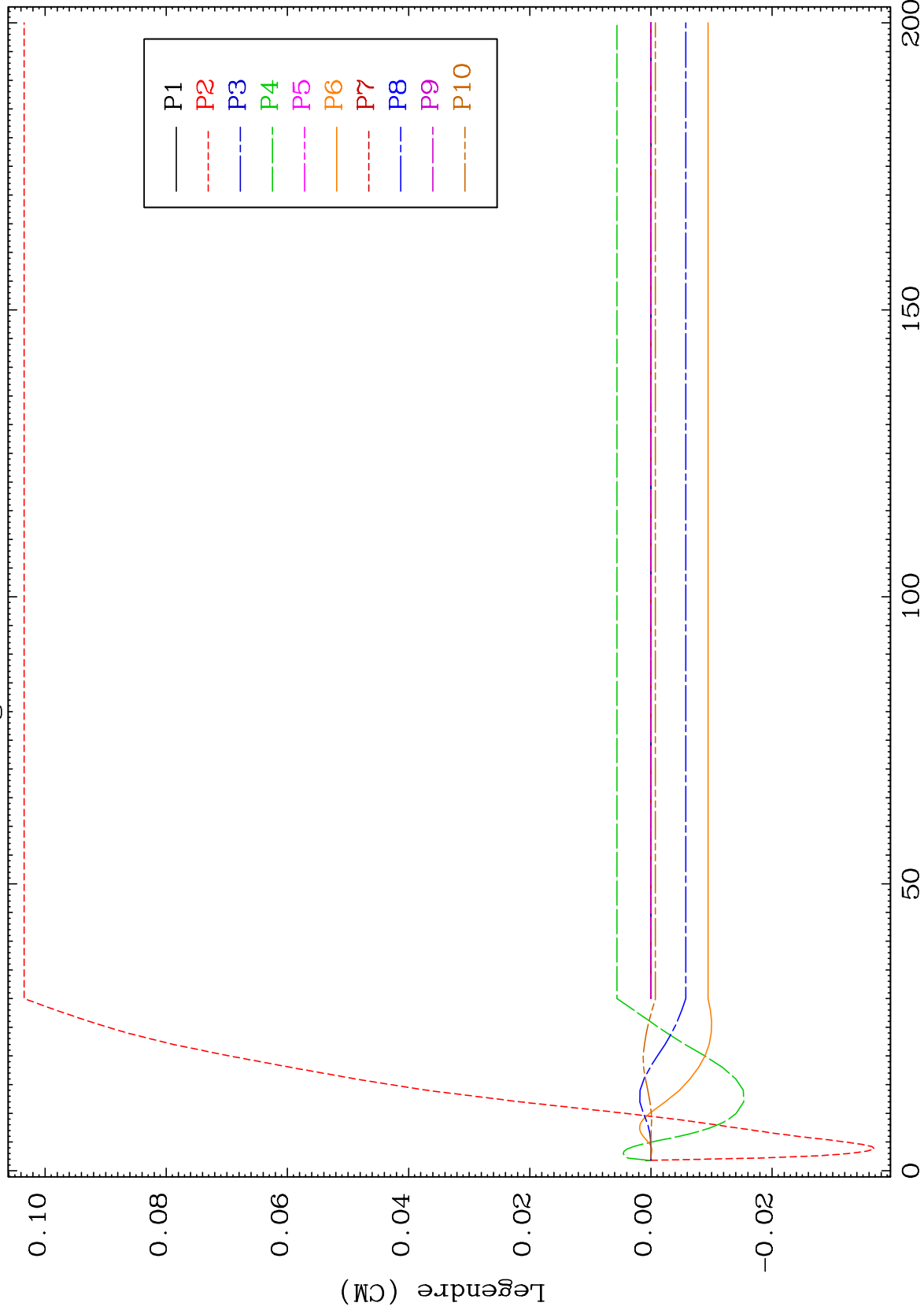
Incident Energy (MeV)

72-Hf-162

MAT 7189

MT= 55 (n,n') Level
Legendre Coefficients

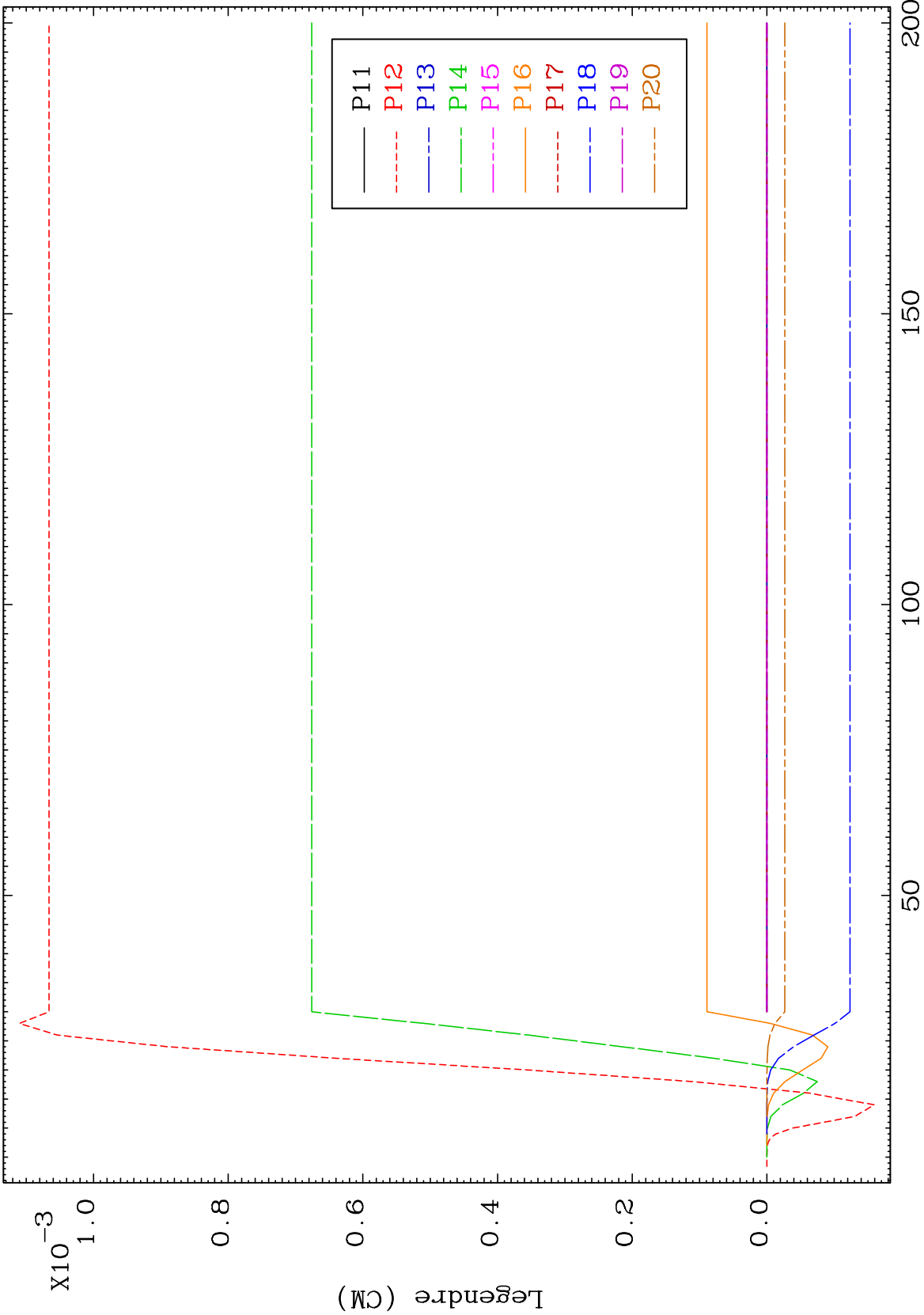
72-Hf-162



36

Incident Energy (MeV)

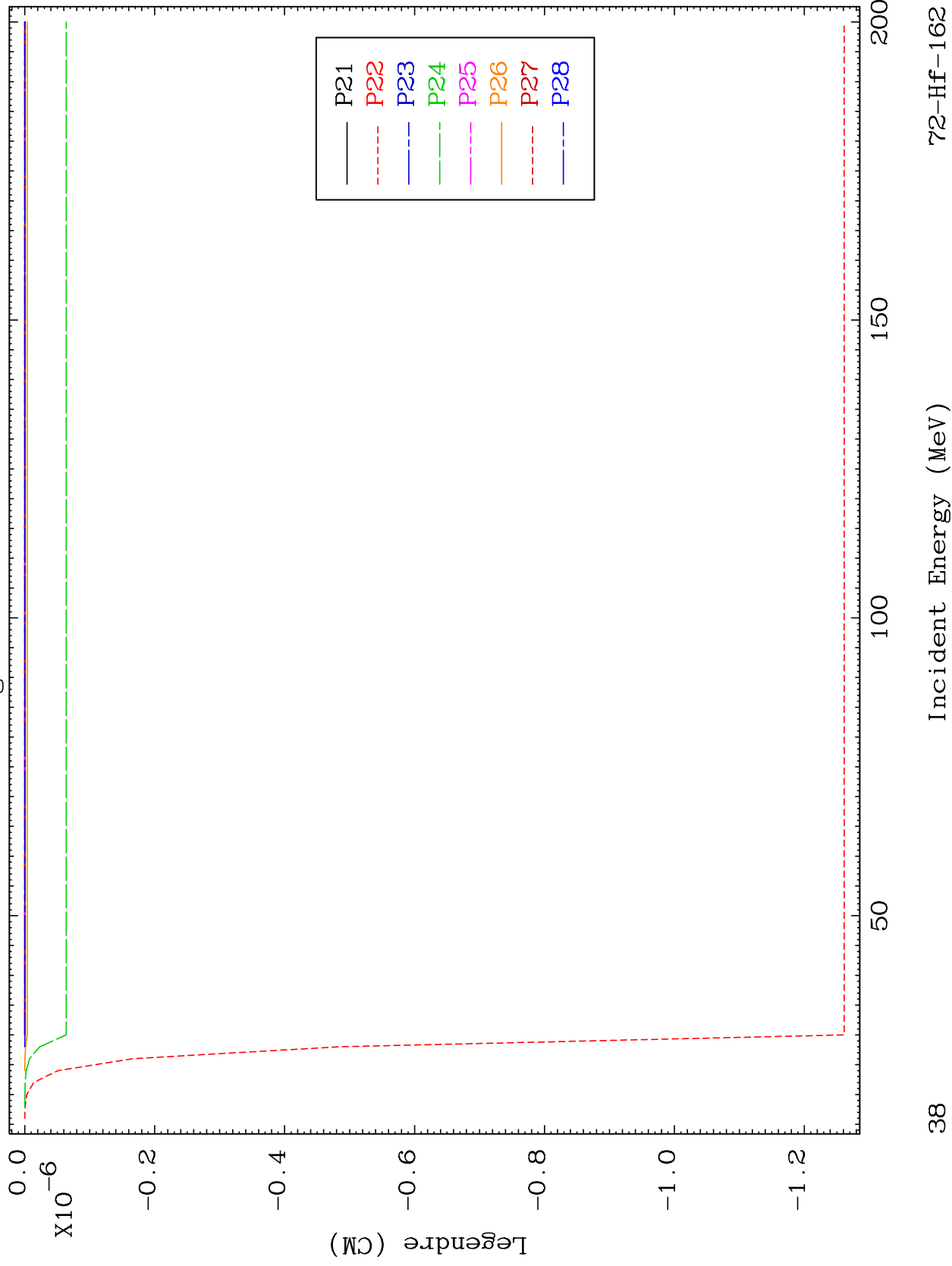
72-Hf-162



MAT 7189

MT= 55 (n,n') Level
Legendre Coefficients

72-Hf-162

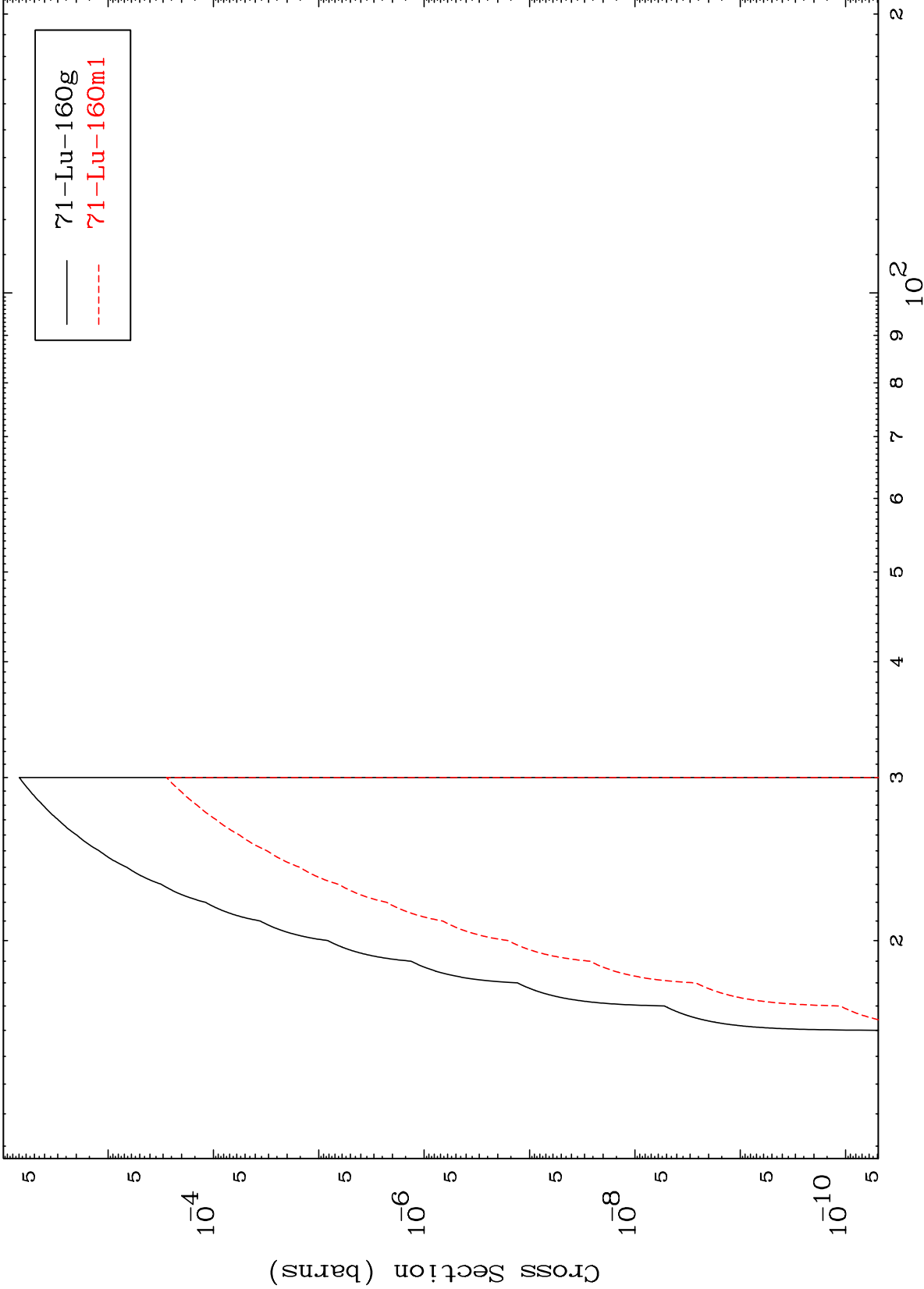


38

Incident Energy (MeV)

72-Hf-162

Radionuclide Production Cross Section



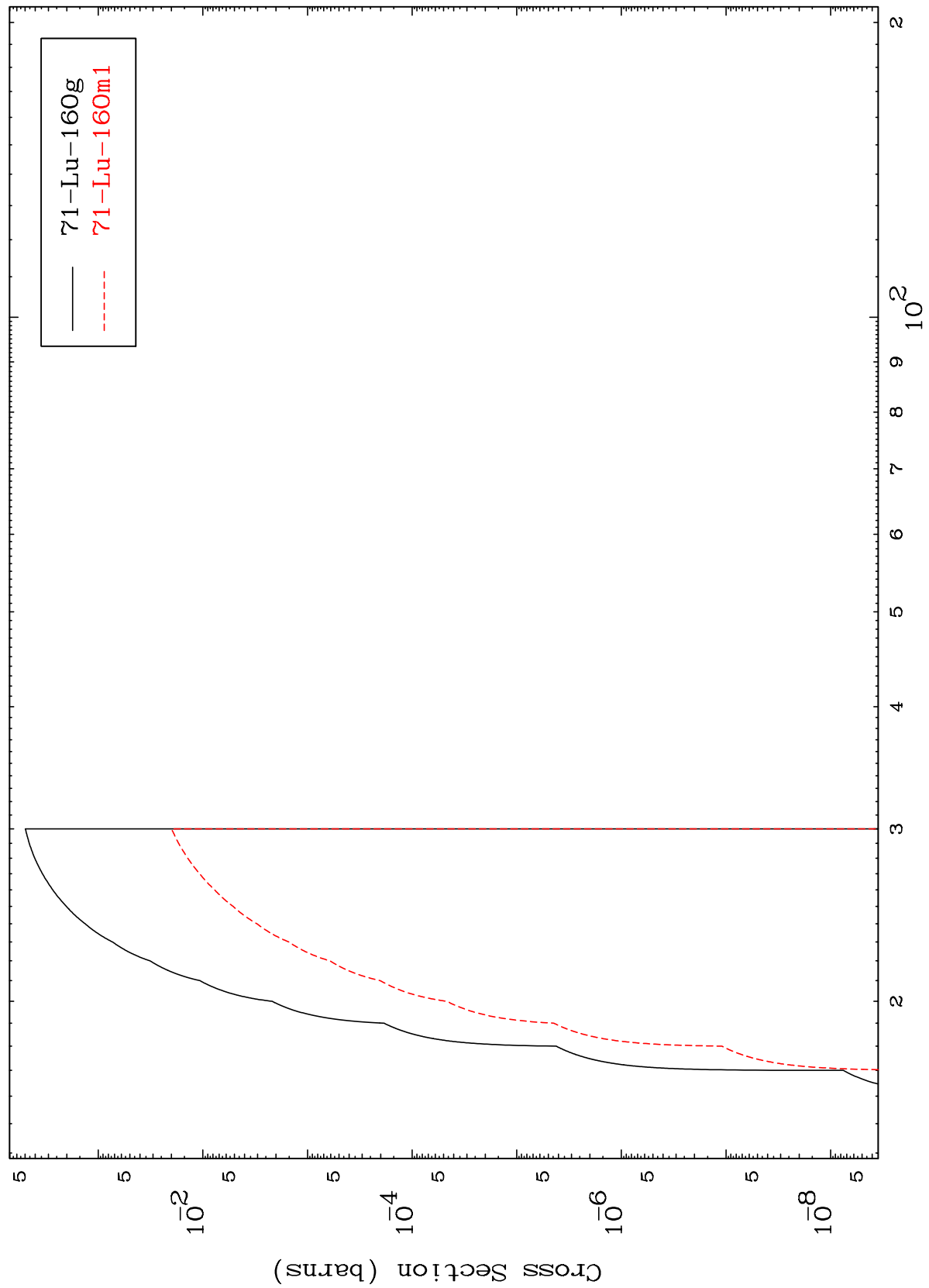
71-Lu-160g
71-Lu-160m1

MAT 7189

(n,2n) p

72-Hf-162

Radionuclide Production Cross Section



71-Lu-160g
71-Lu-160m1

40

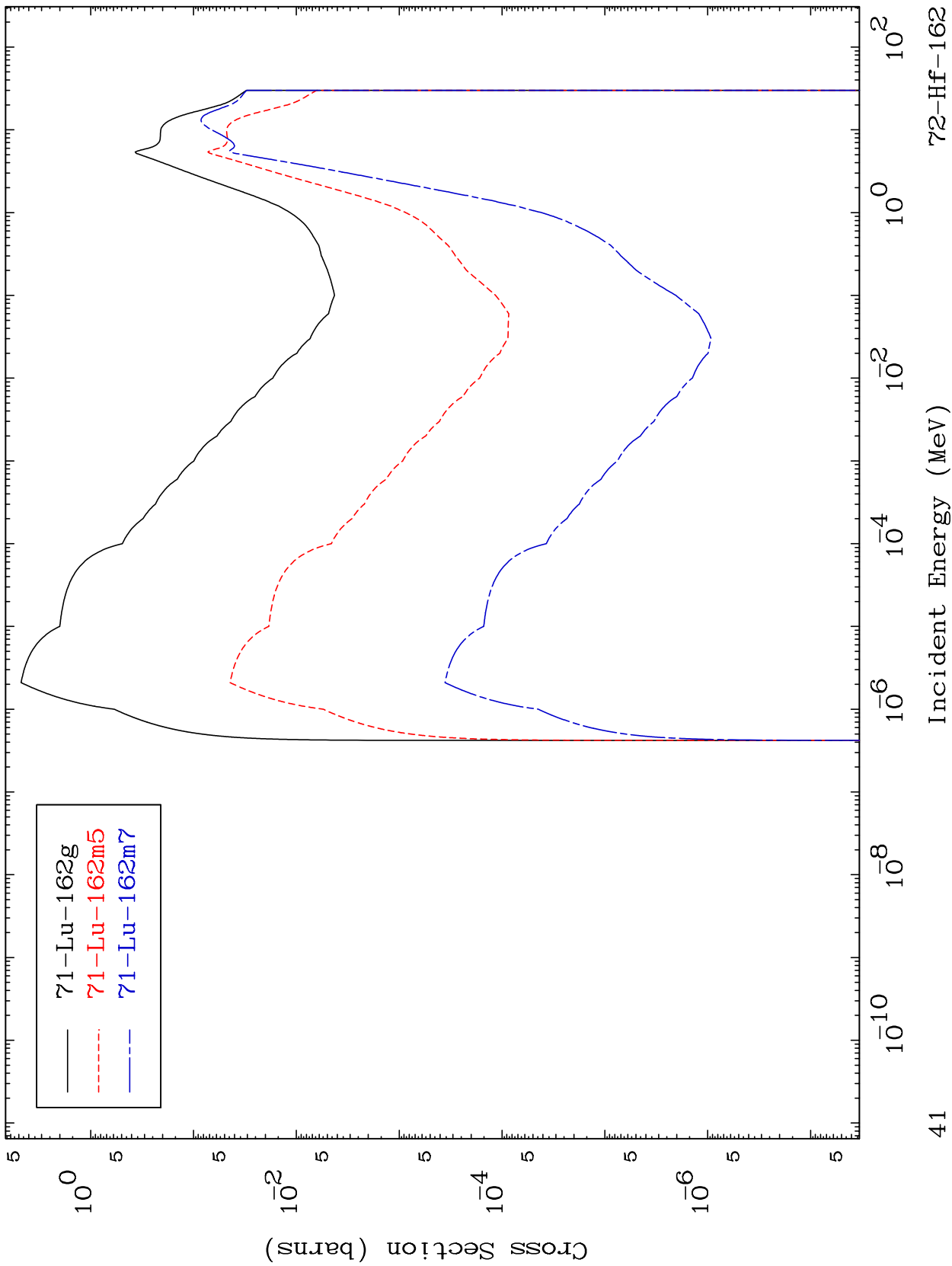
Incident Energy (MeV)

72-Hf-162

MAT 7189

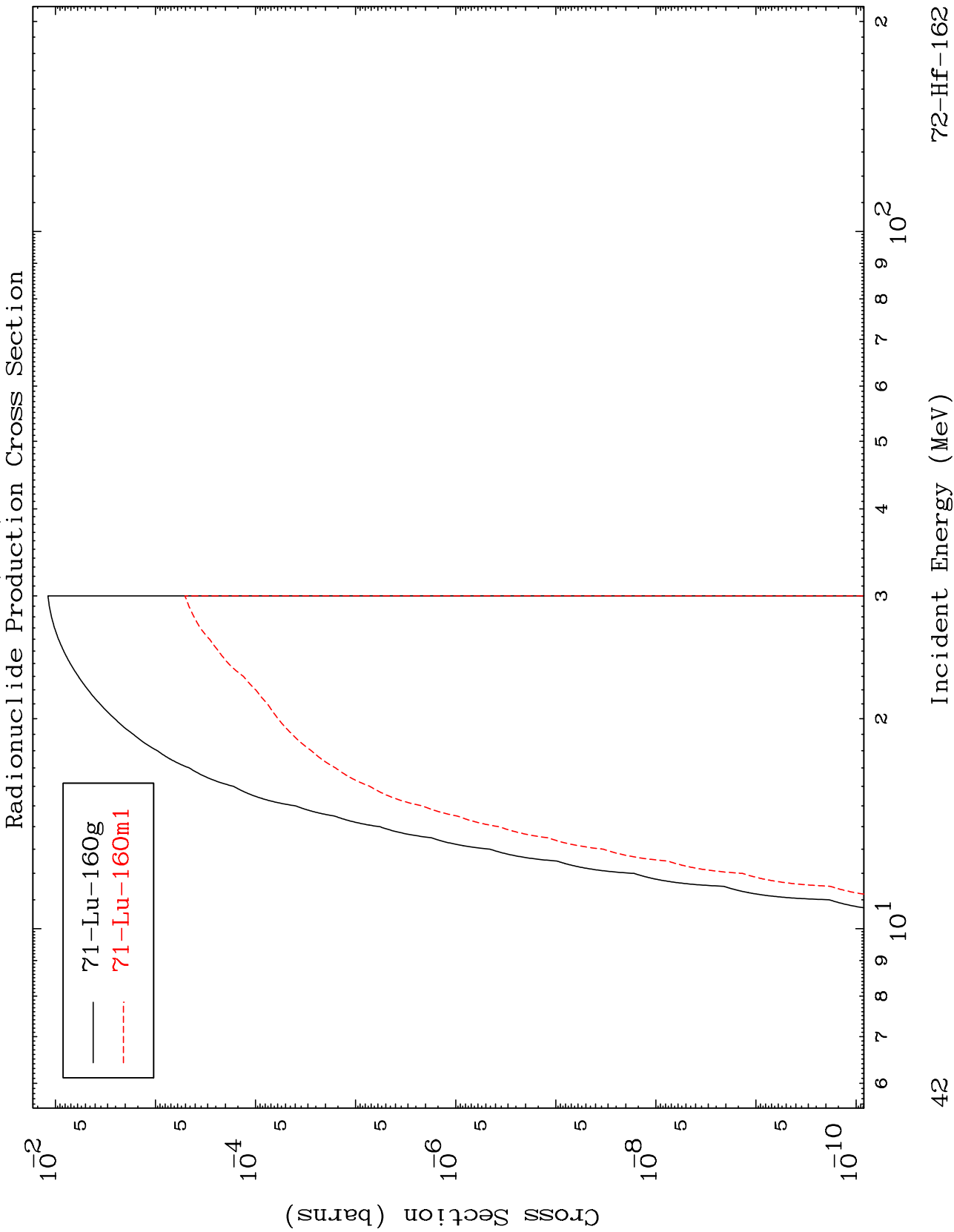
72-Hf-162

(n,p)
Radionuclide Production Cross Section



MAT 7189

72-Hf-162



42

72-Hf-162