

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

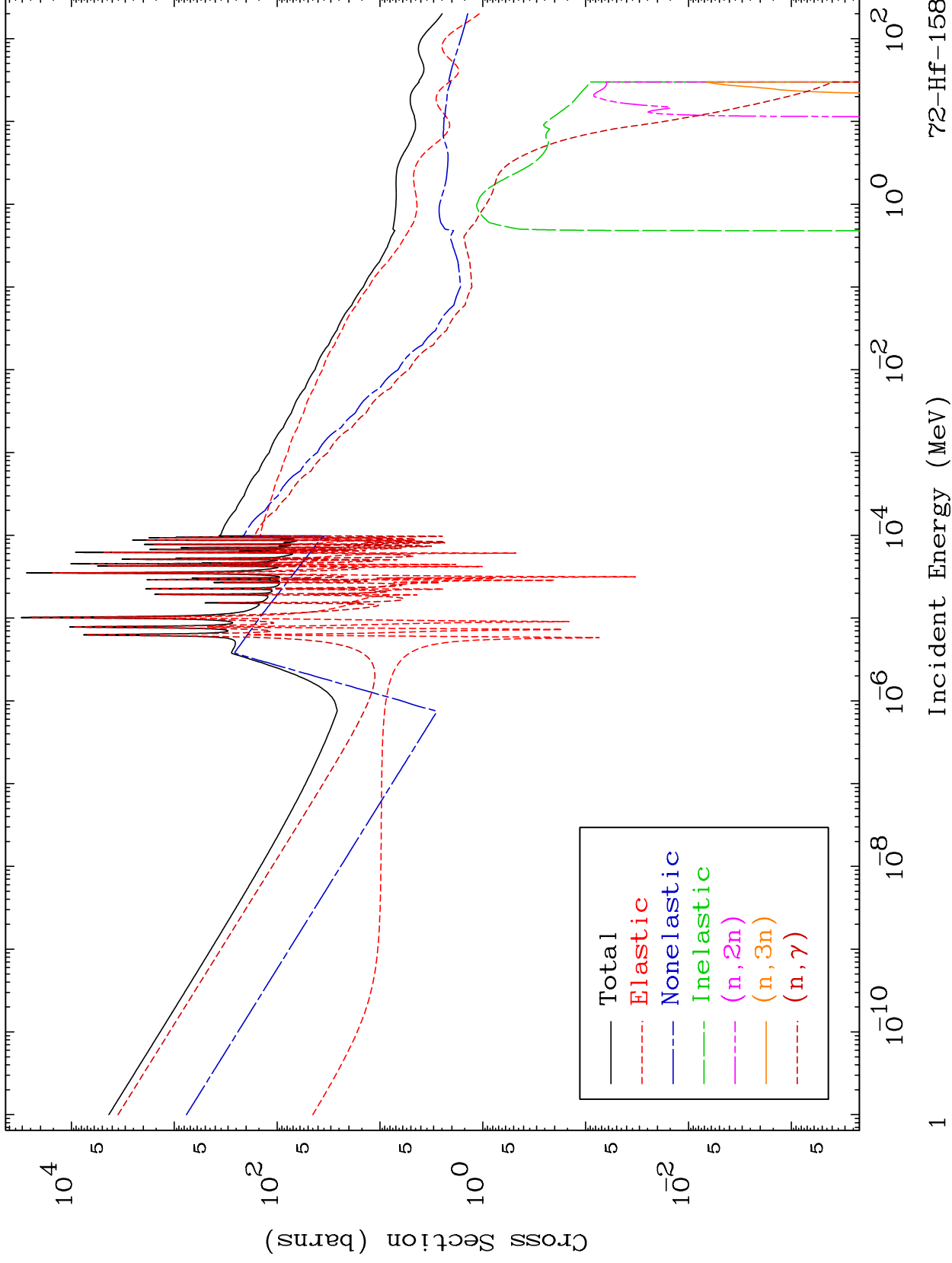
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Press Mouse Button to Start

MAT 7177

Neutron Major
293 Kelvin Cross Sections

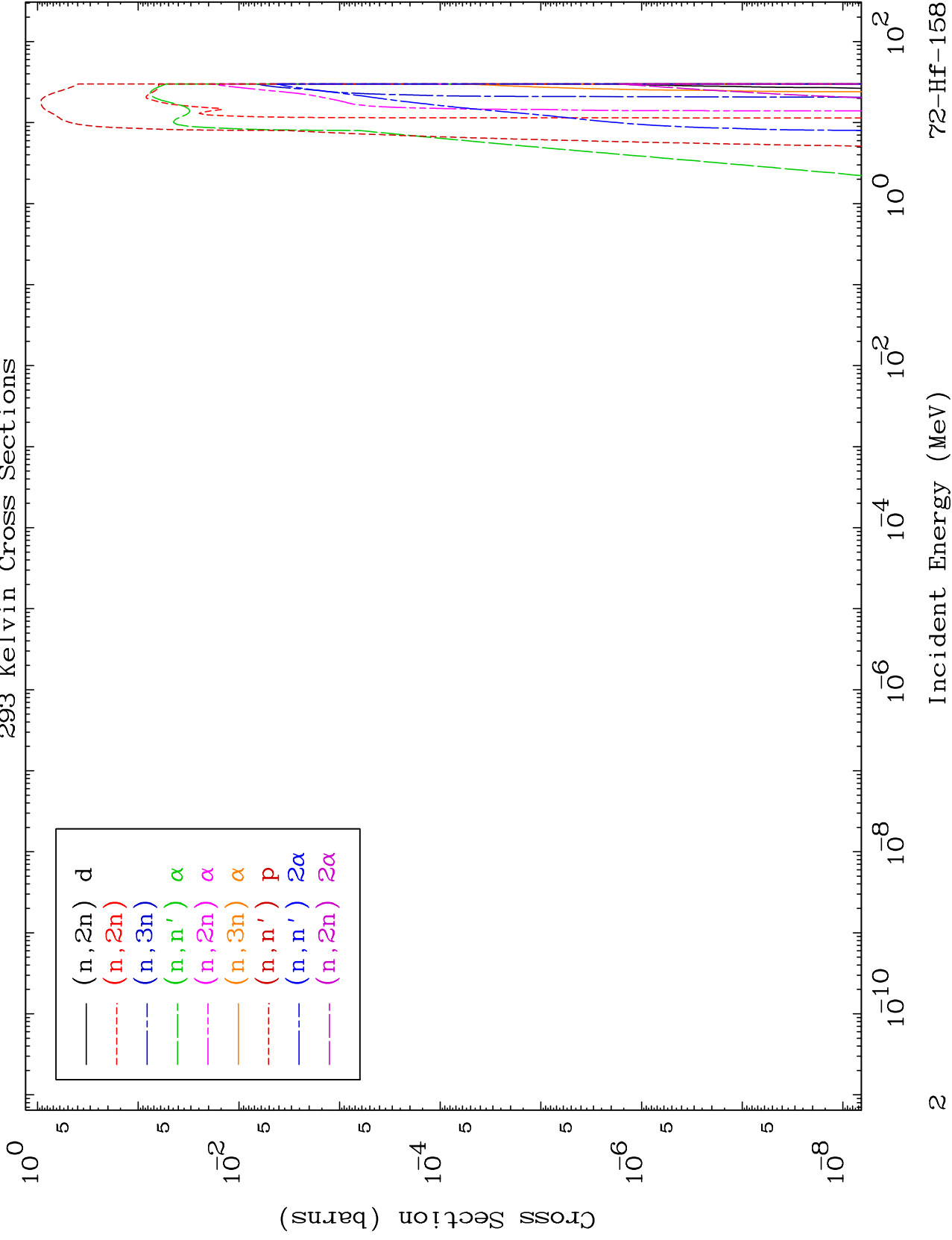
72-Hf-158

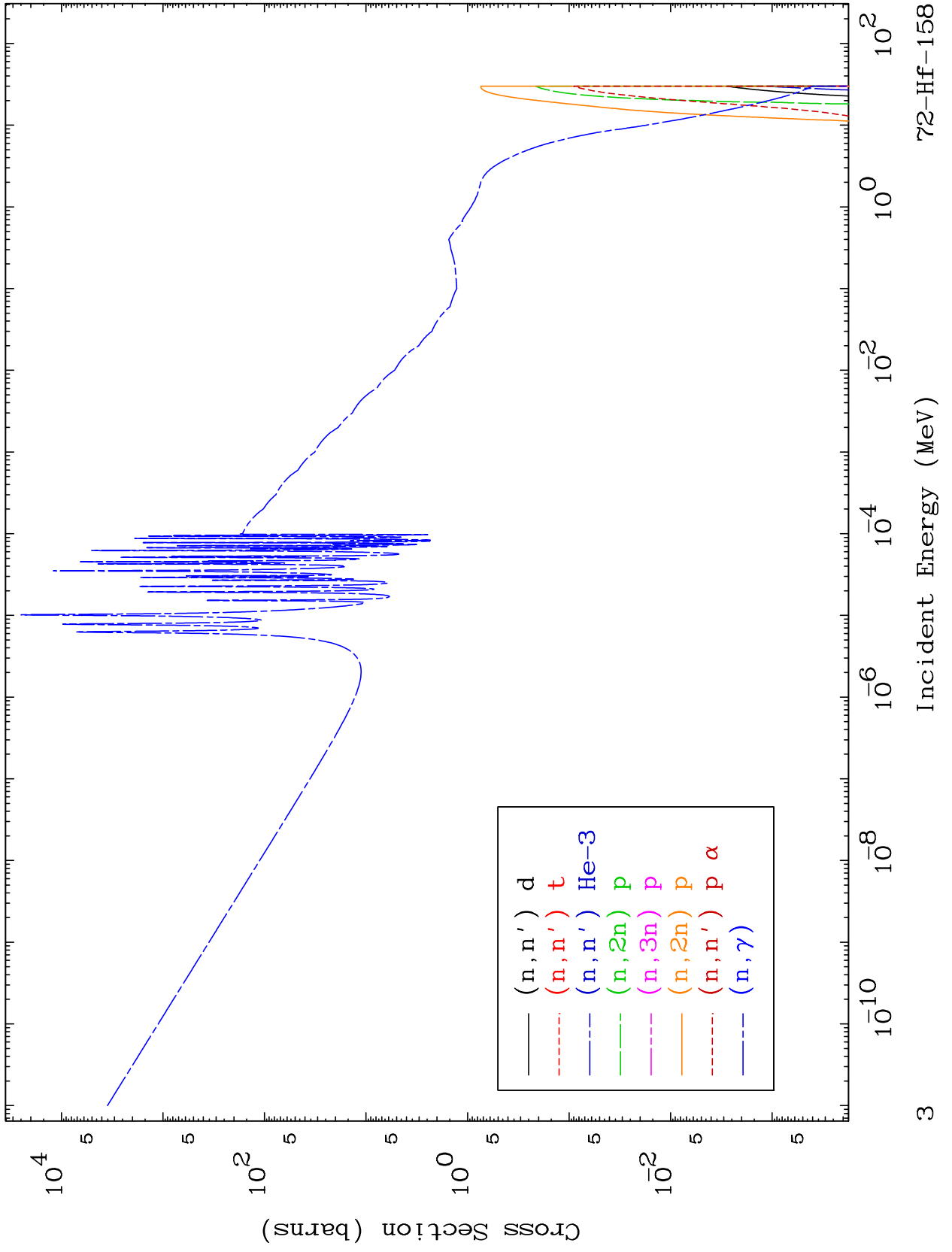


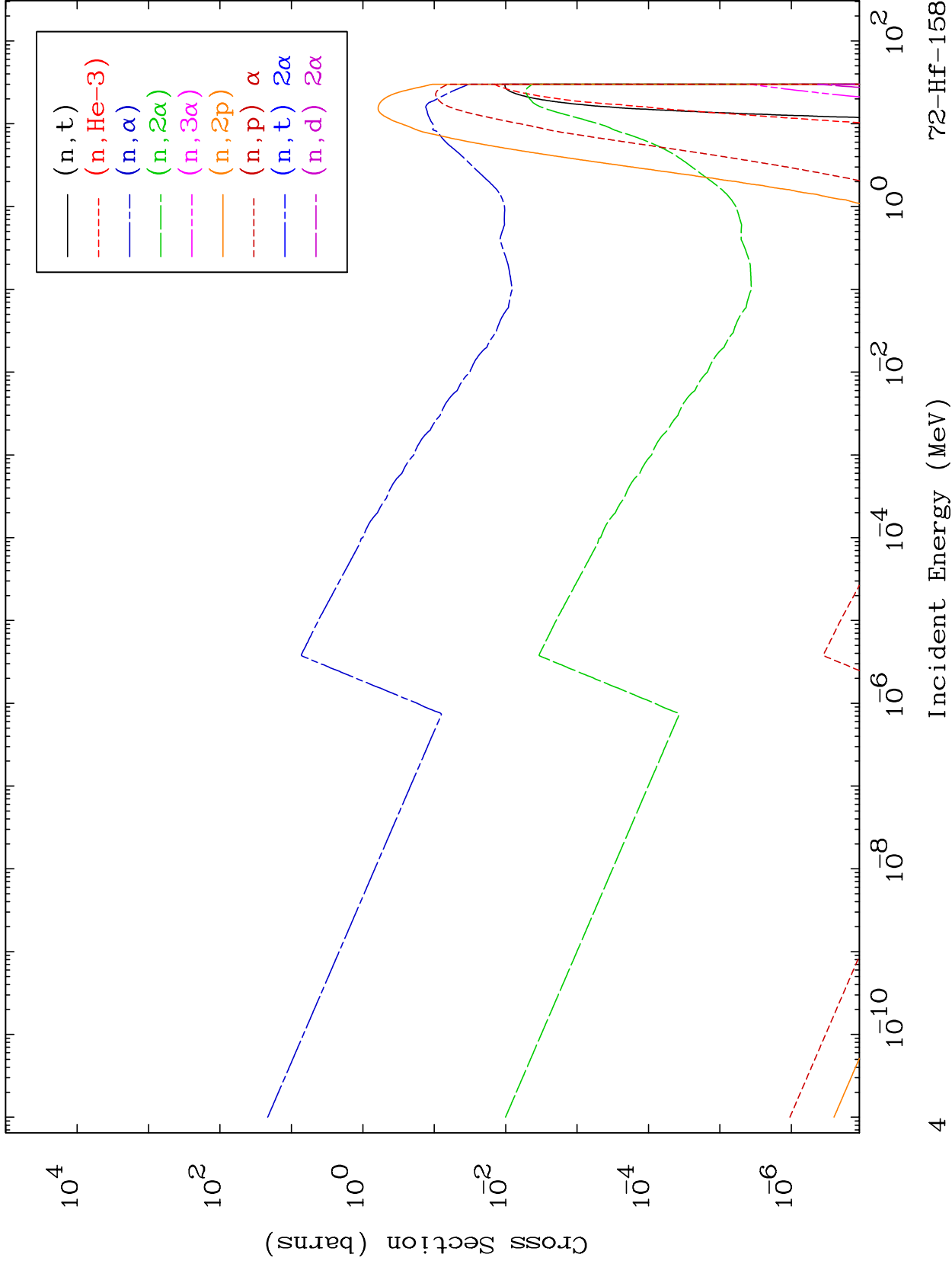
MAT 7177

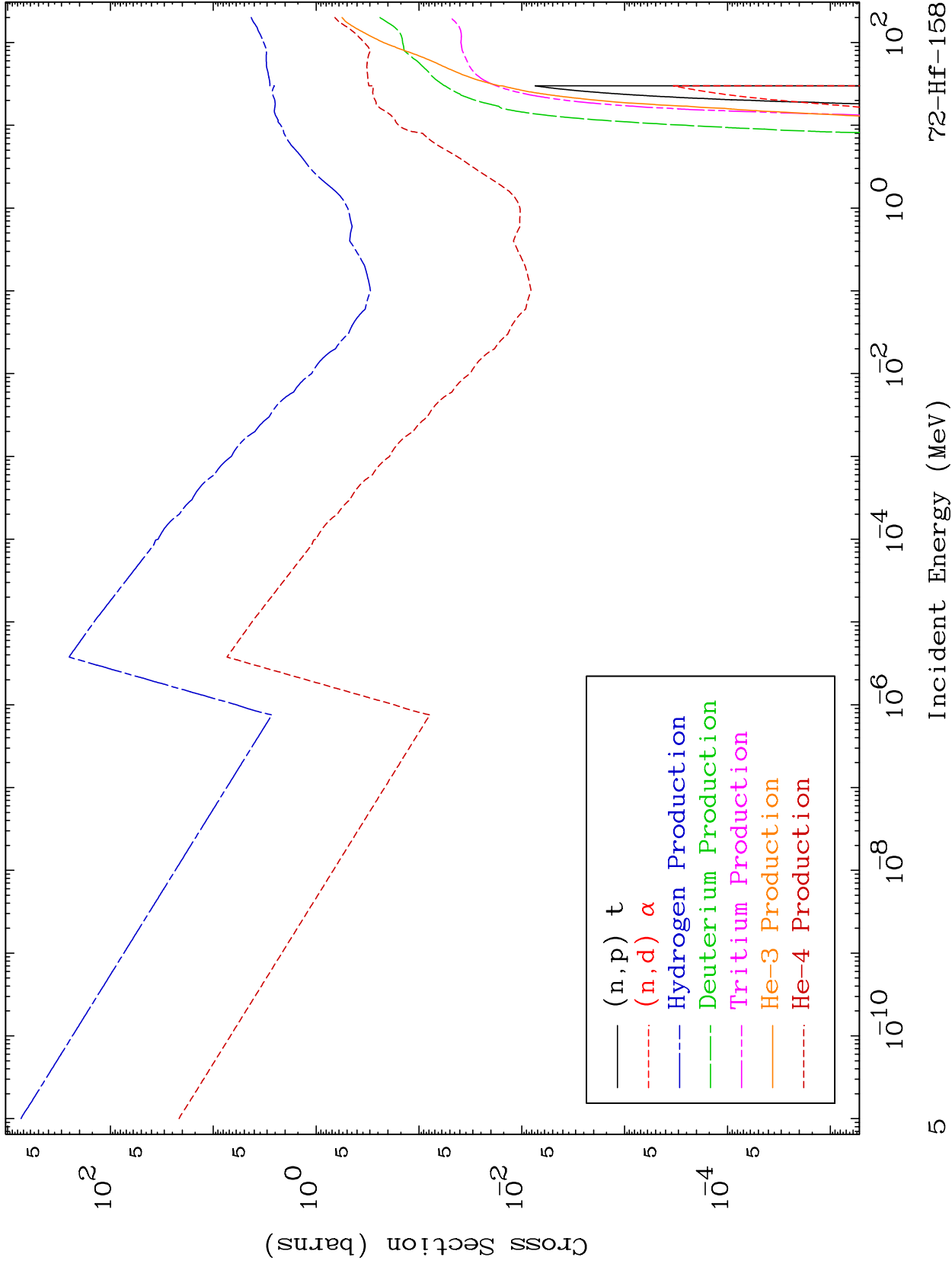
Neutron Absorption
293 Kelvin Cross Sections

72-Hf-158





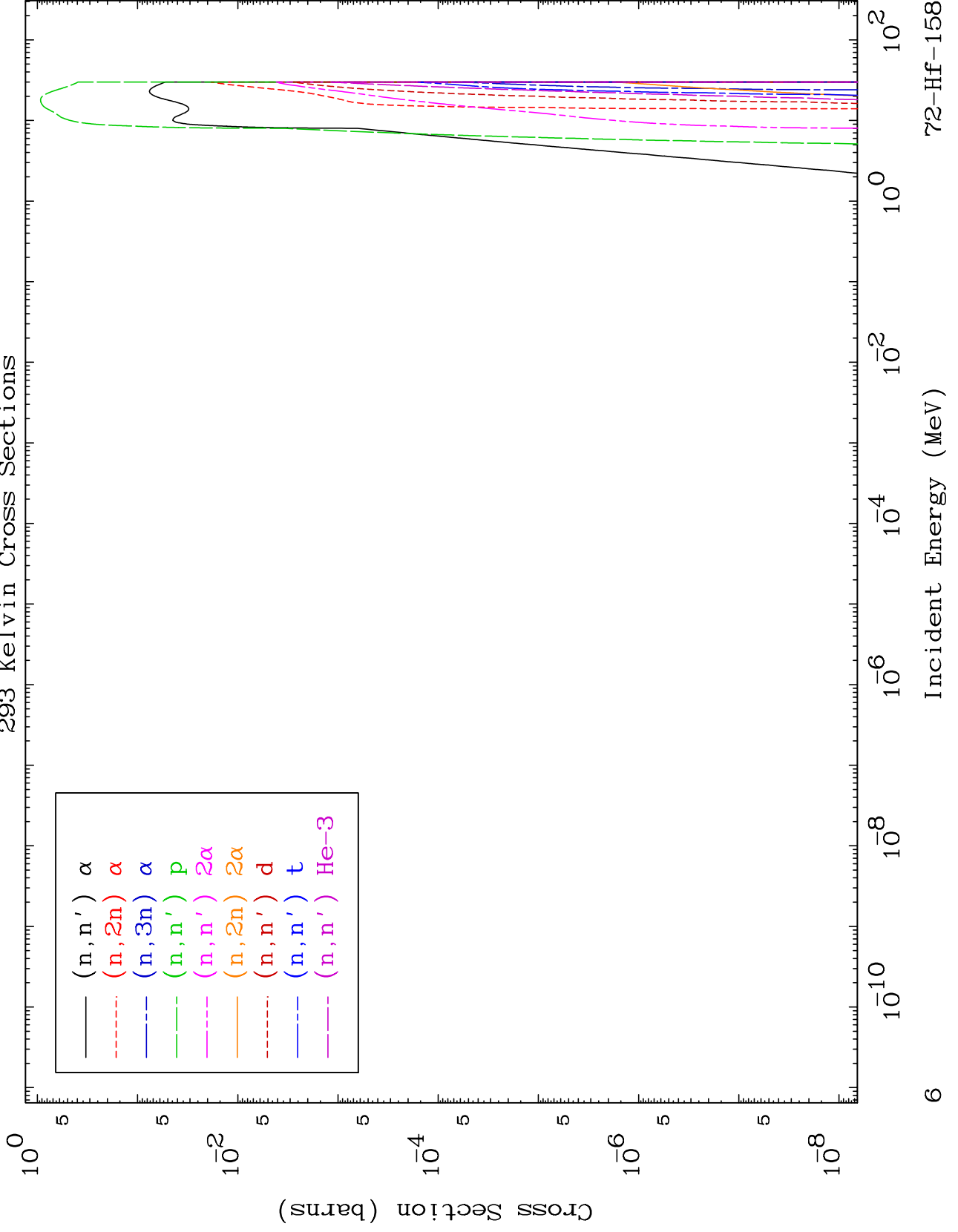




MAT 7177

Charged Particle
293 Kelvin Cross Sections

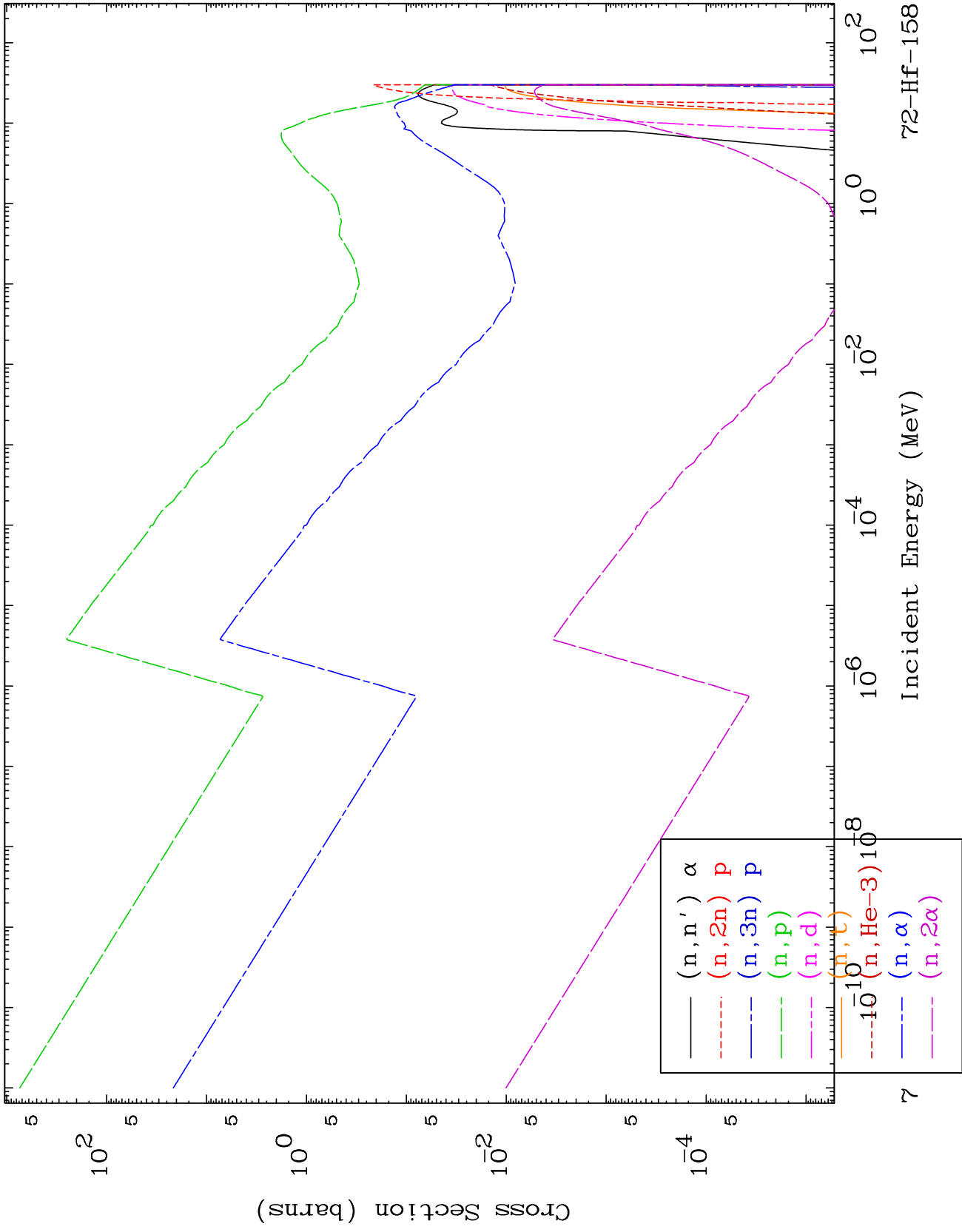
72-Hf-158



MAT 7177

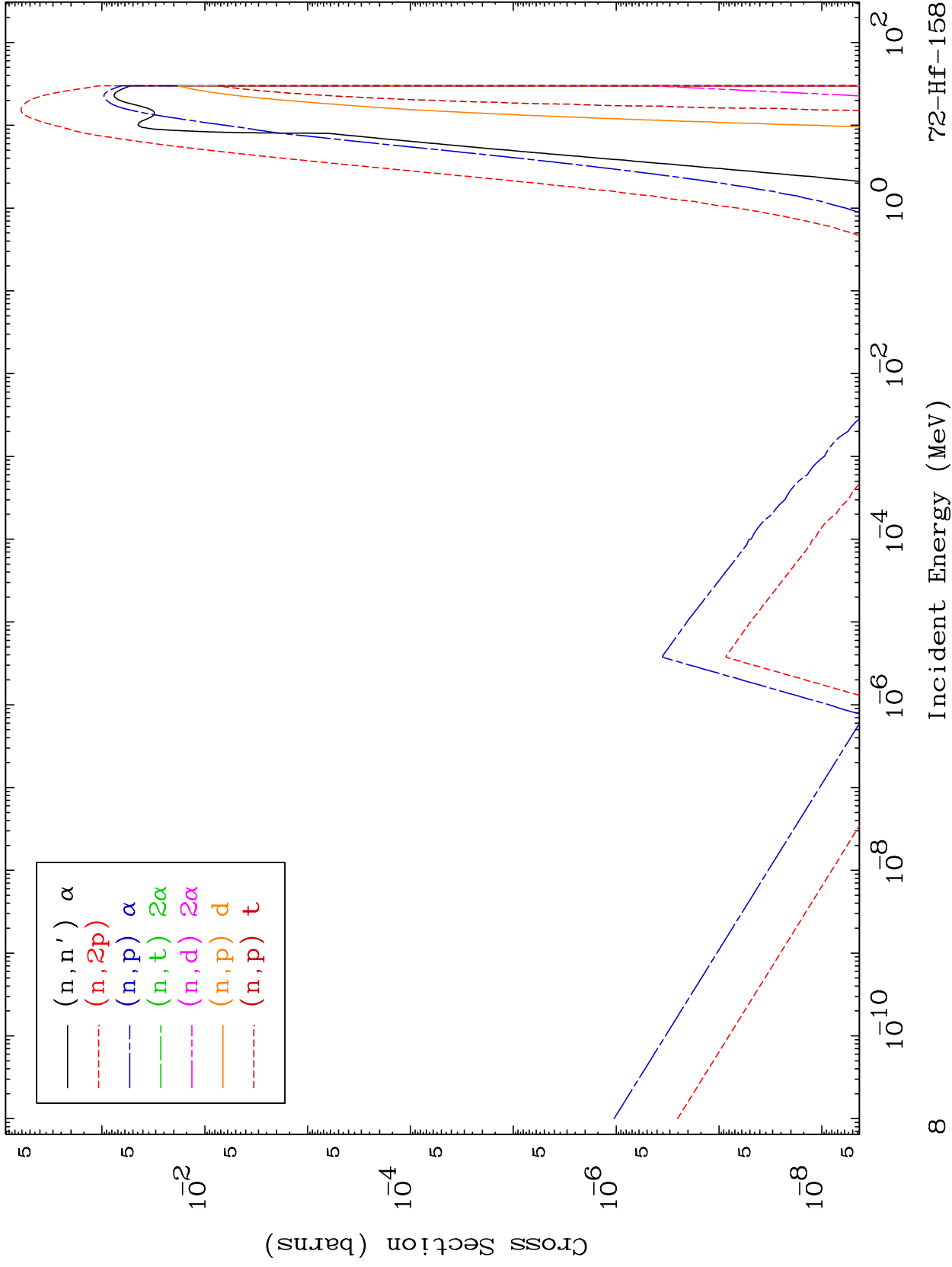
Charged Particle
293 Kelvin Cross Sections

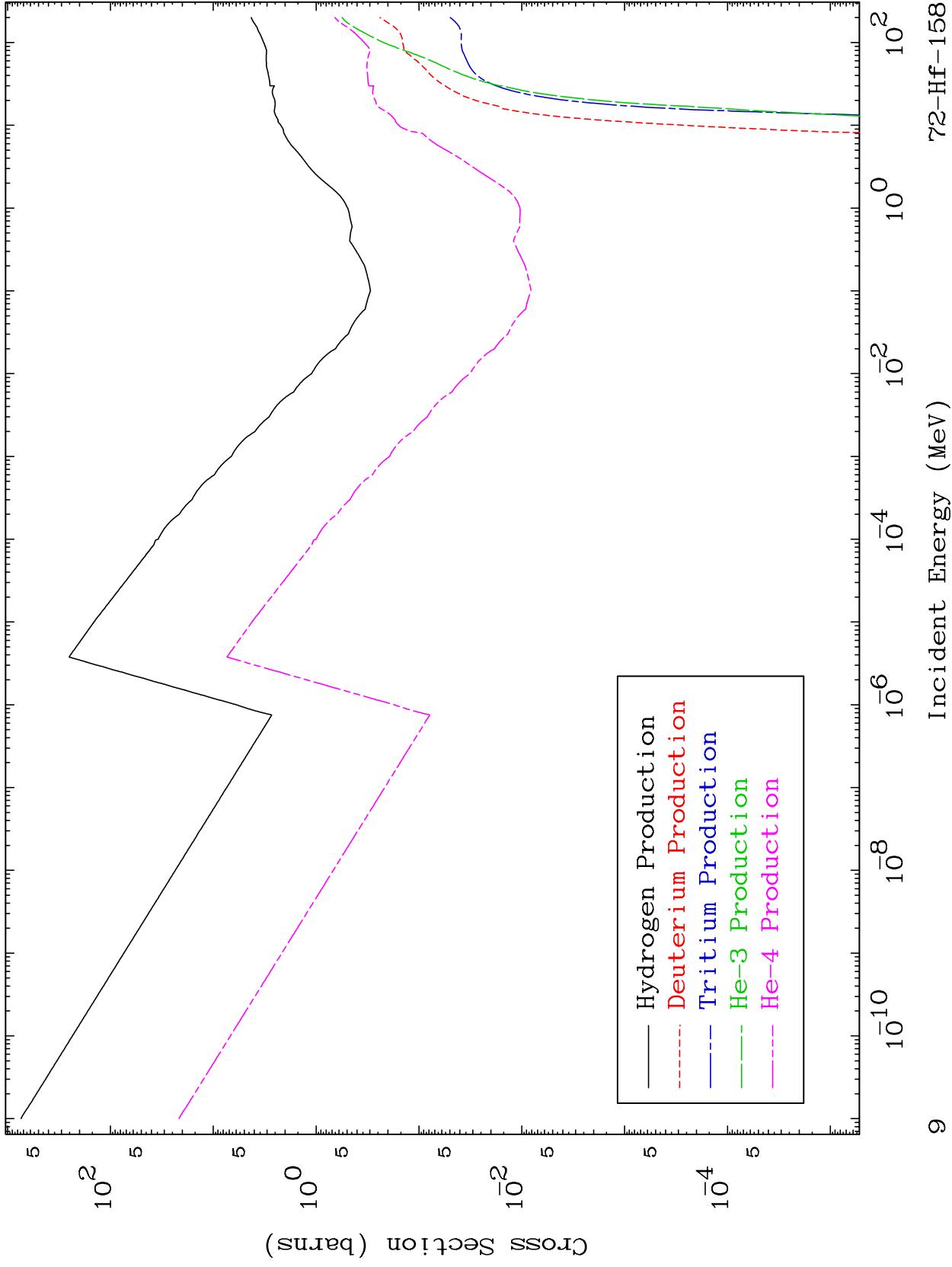
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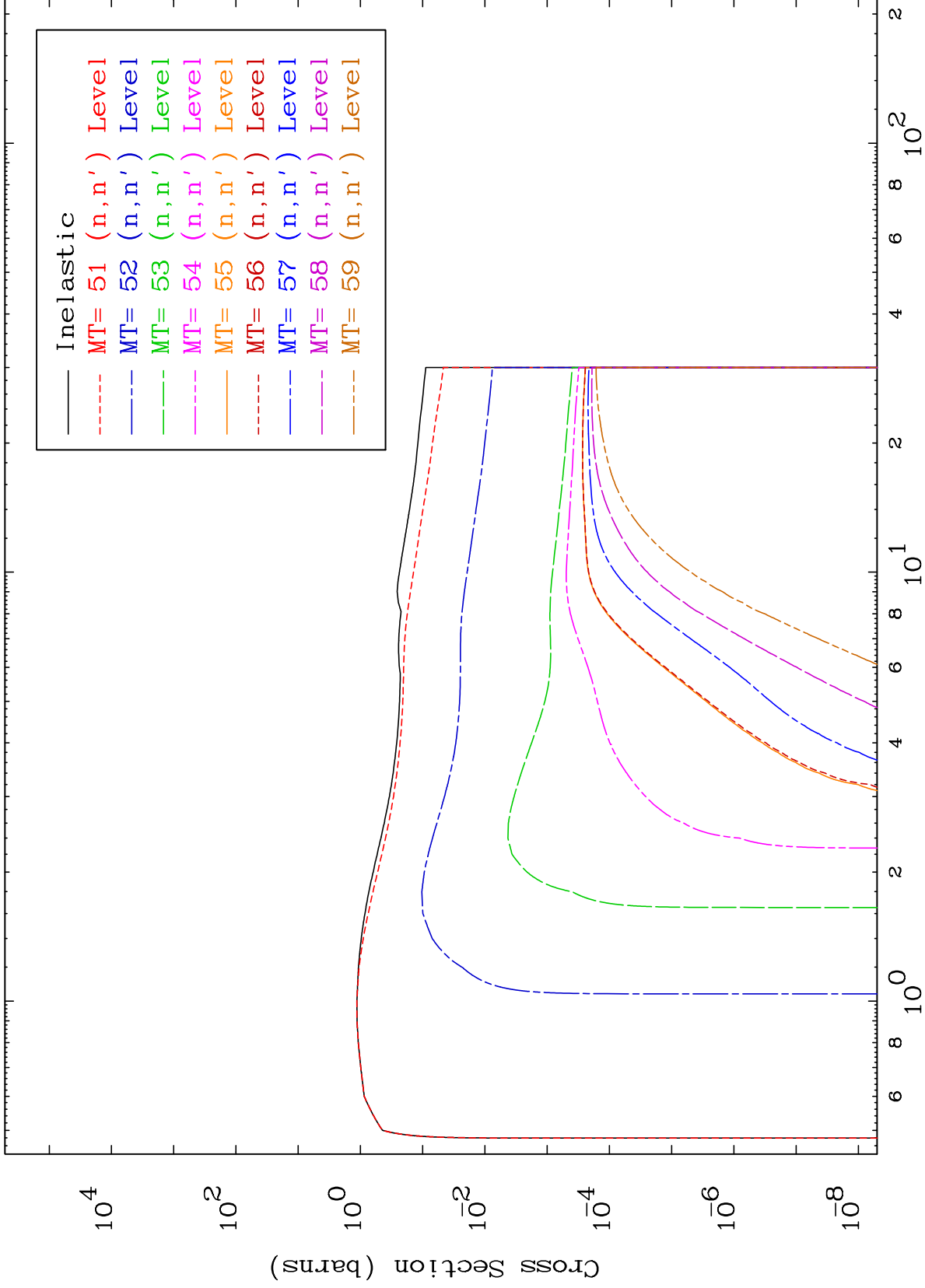
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72-Hf-158





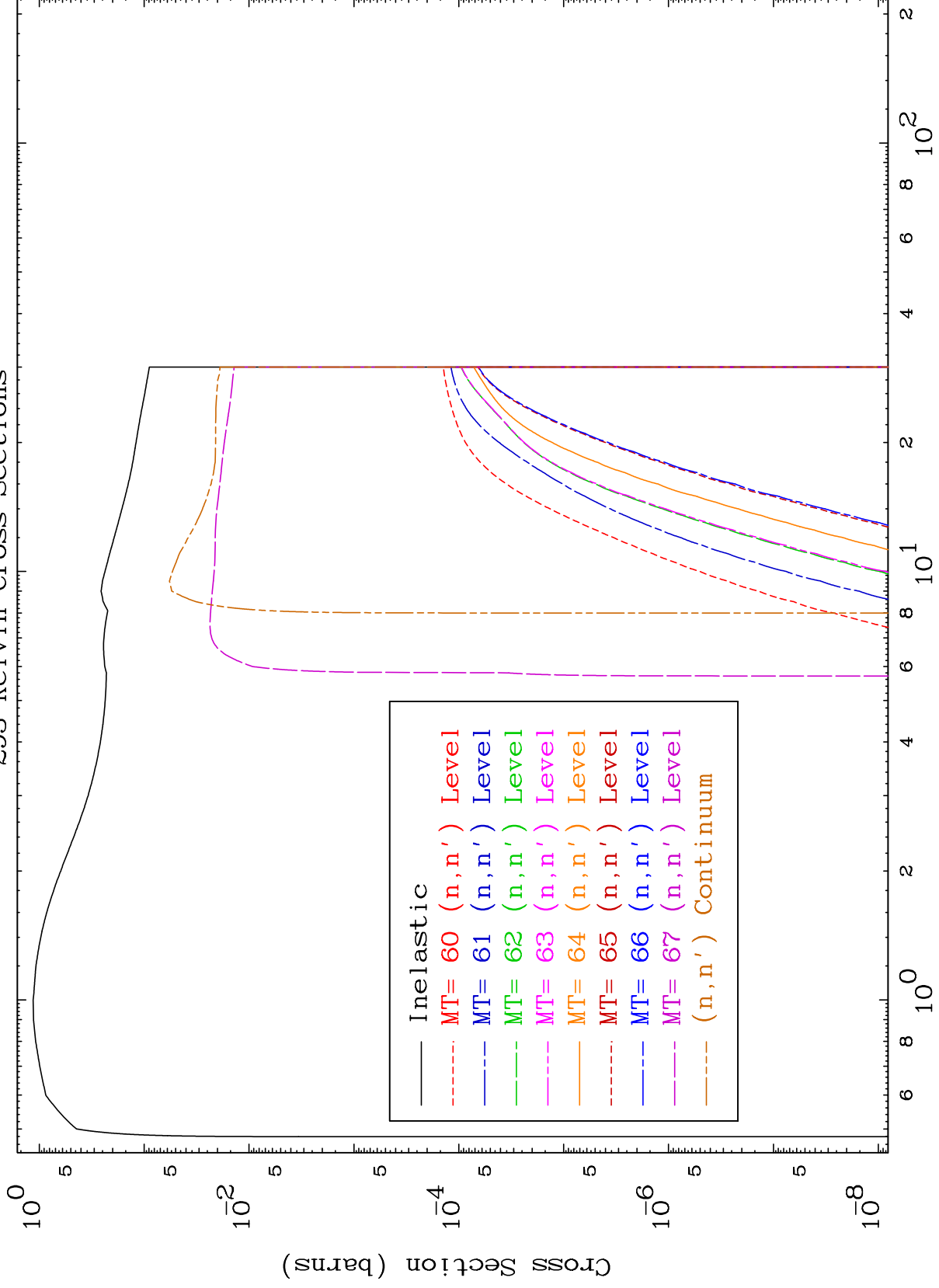
293 Kelvin Cross Sections



MAT 71777

(n,n') Levels
293 Kelvin Cross Sections

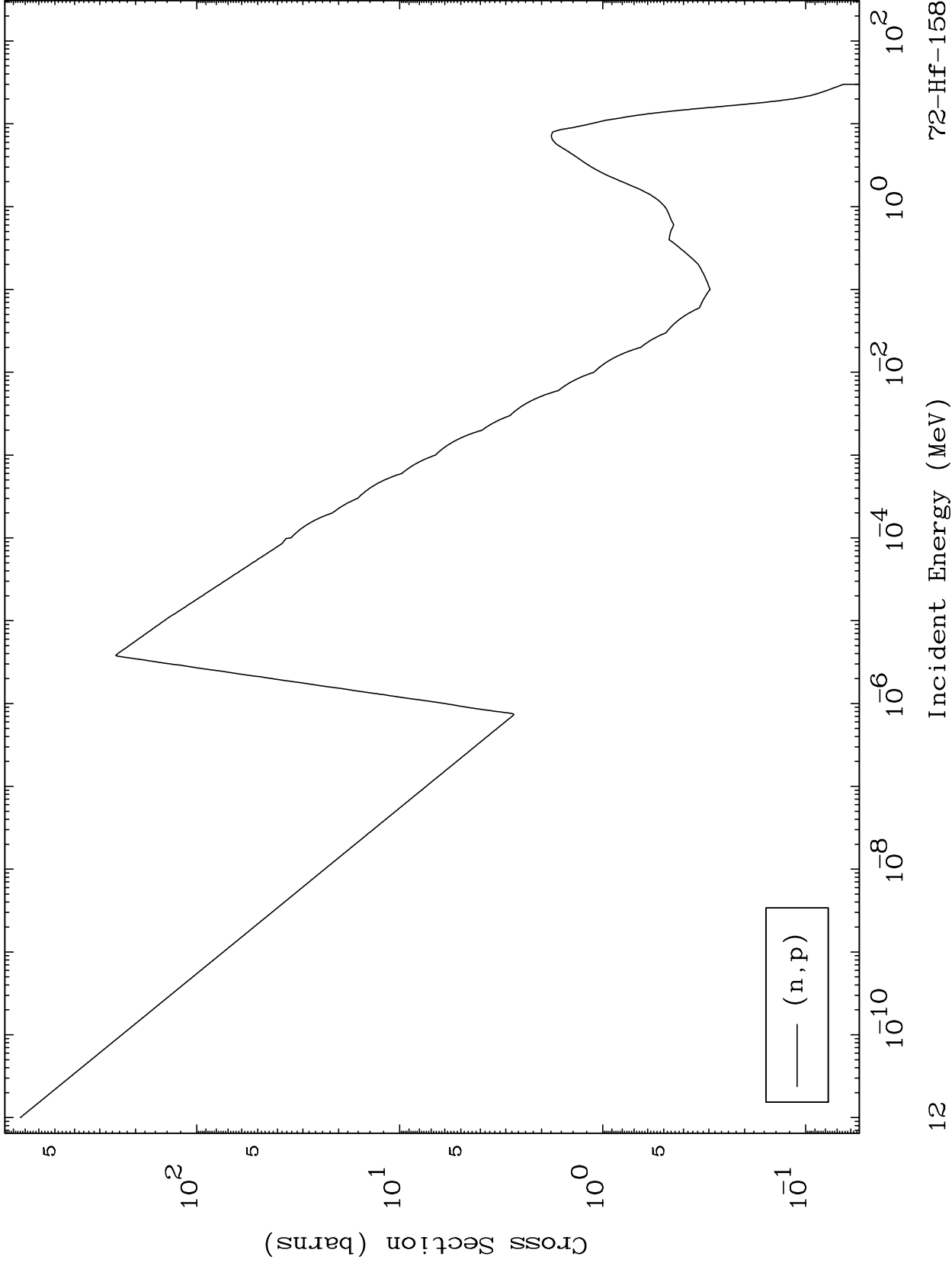
72-Hf-158



MAT 7177

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-158



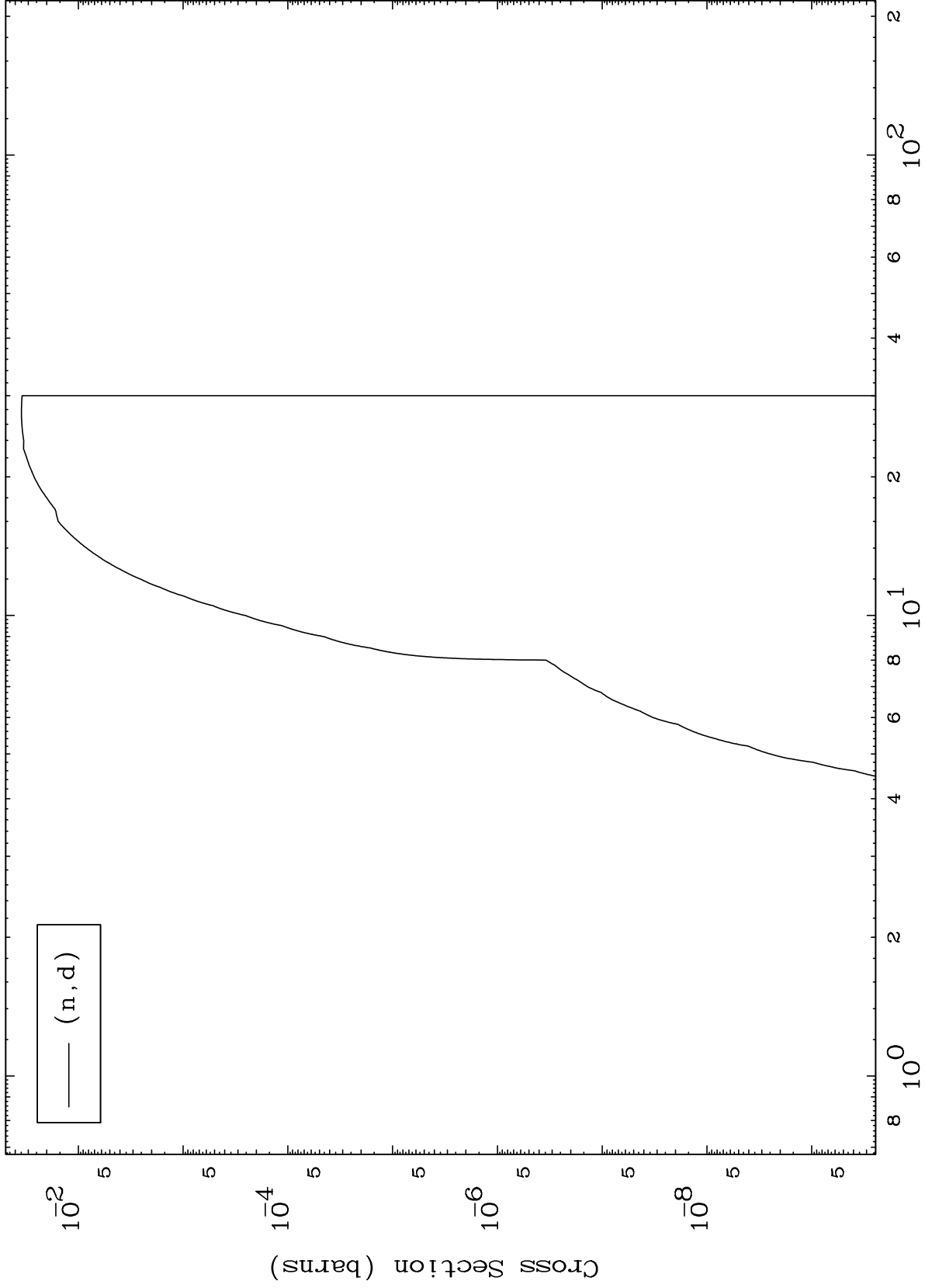
12

72-Hf-158

MAT 7177

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-158



13

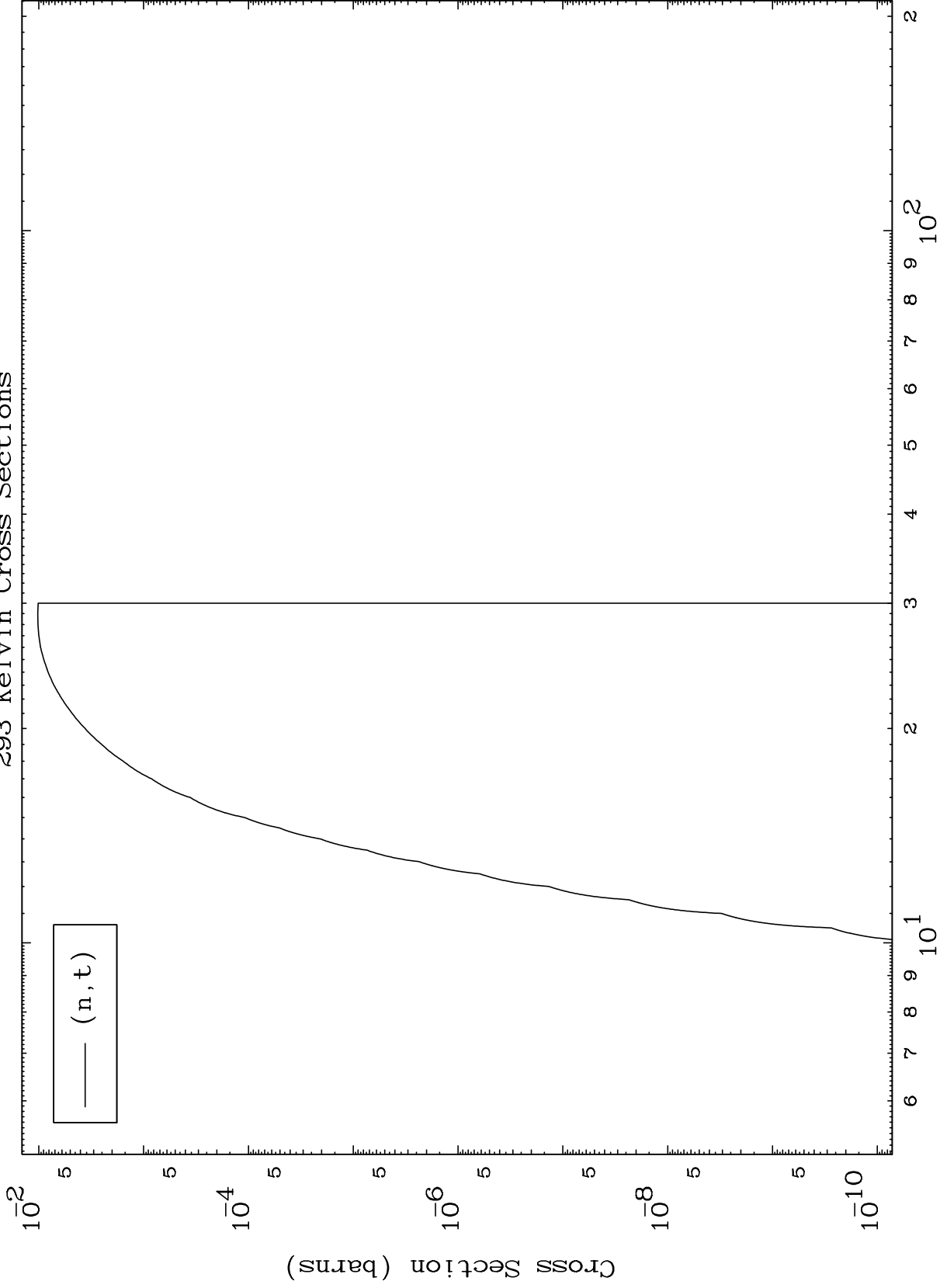
Incident Energy (MeV)

72-Hf-158

MAT 7177

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-158



14

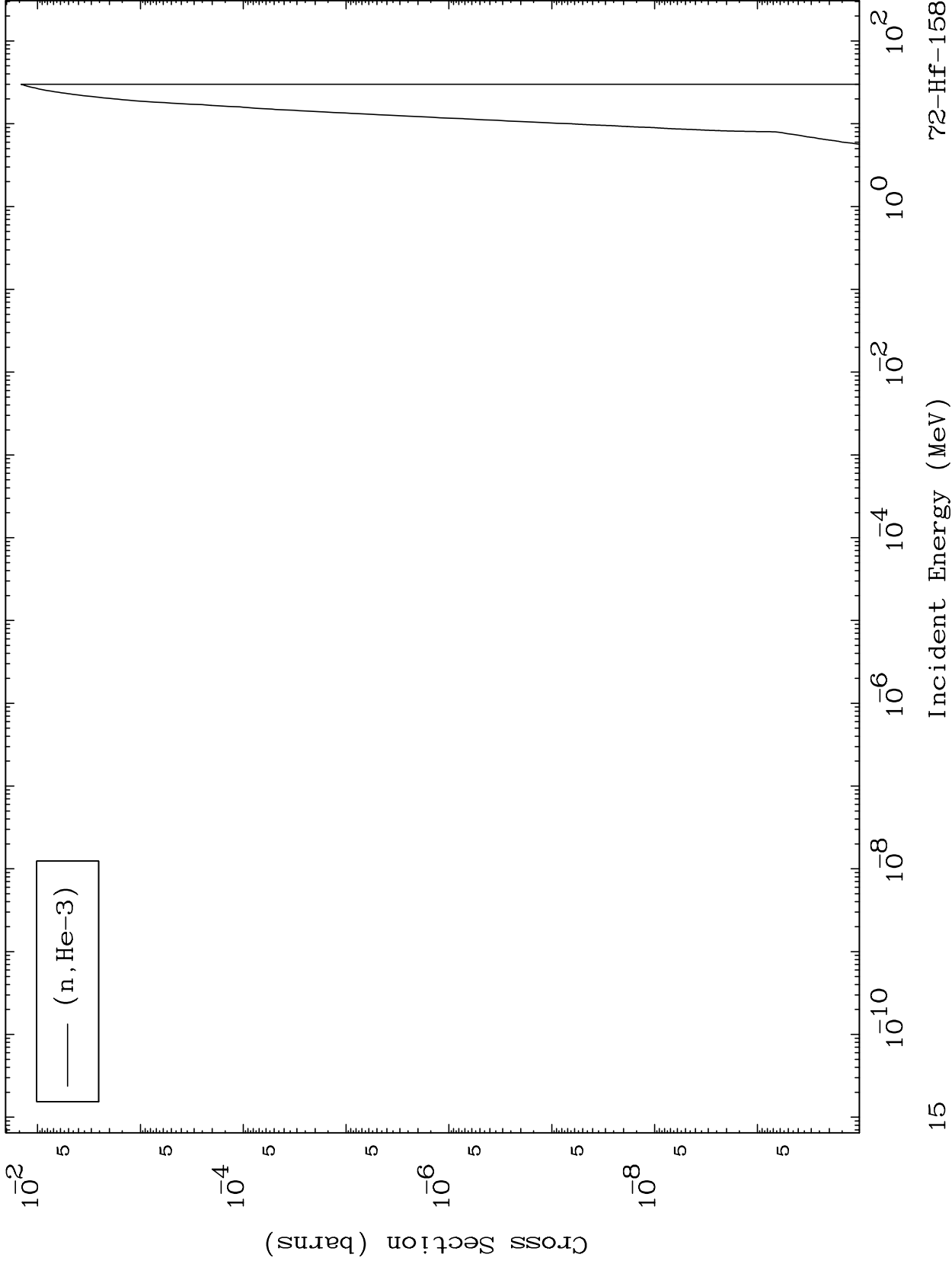
Incident Energy (MeV)

72-Hf-158

MAT 7177

(n,He3) Levels
293 Kelvin Cross Sections

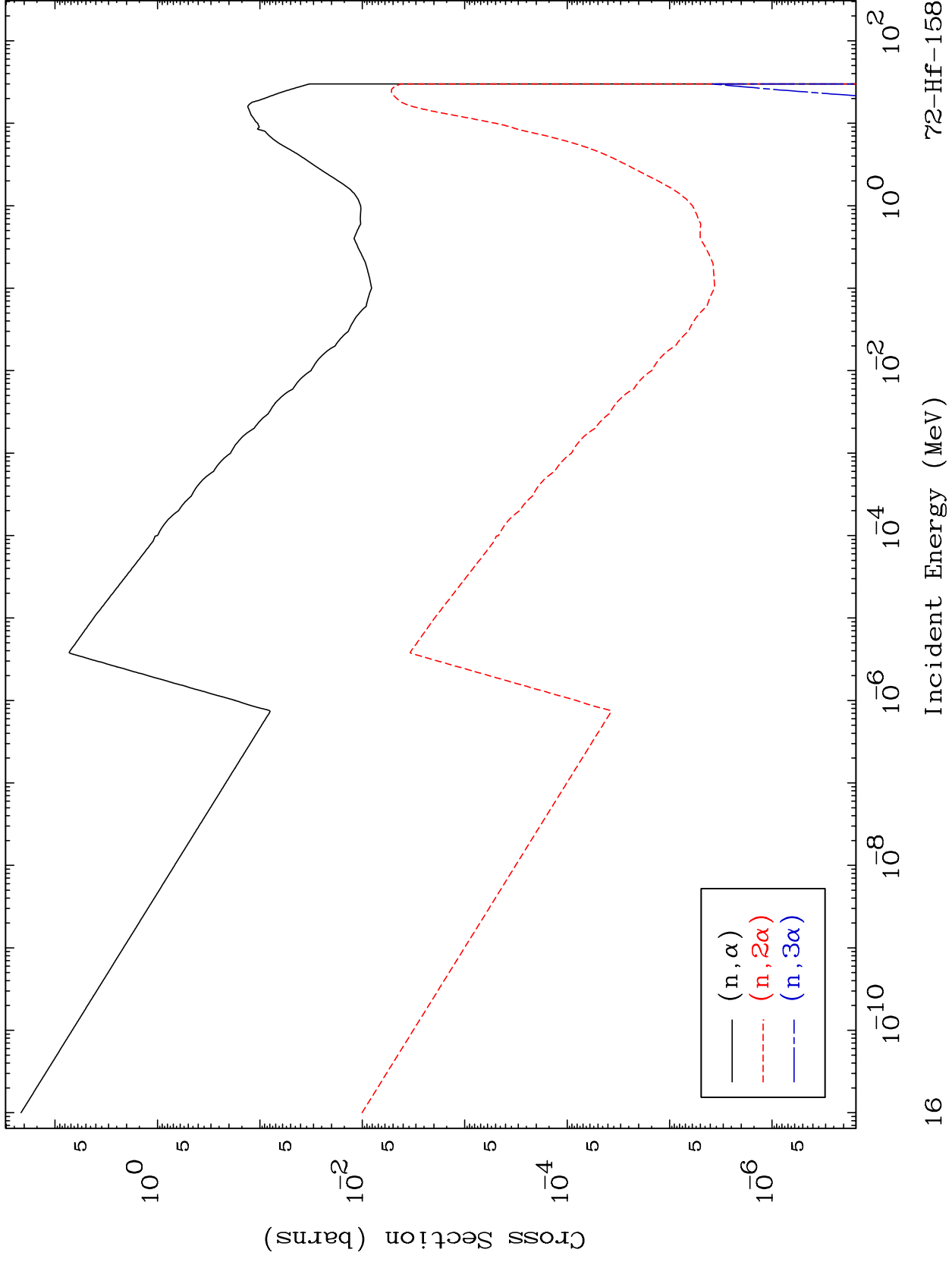
72-Hf-158



MAT 71777

(n, α) Levels
293 Kelvin Cross Sections

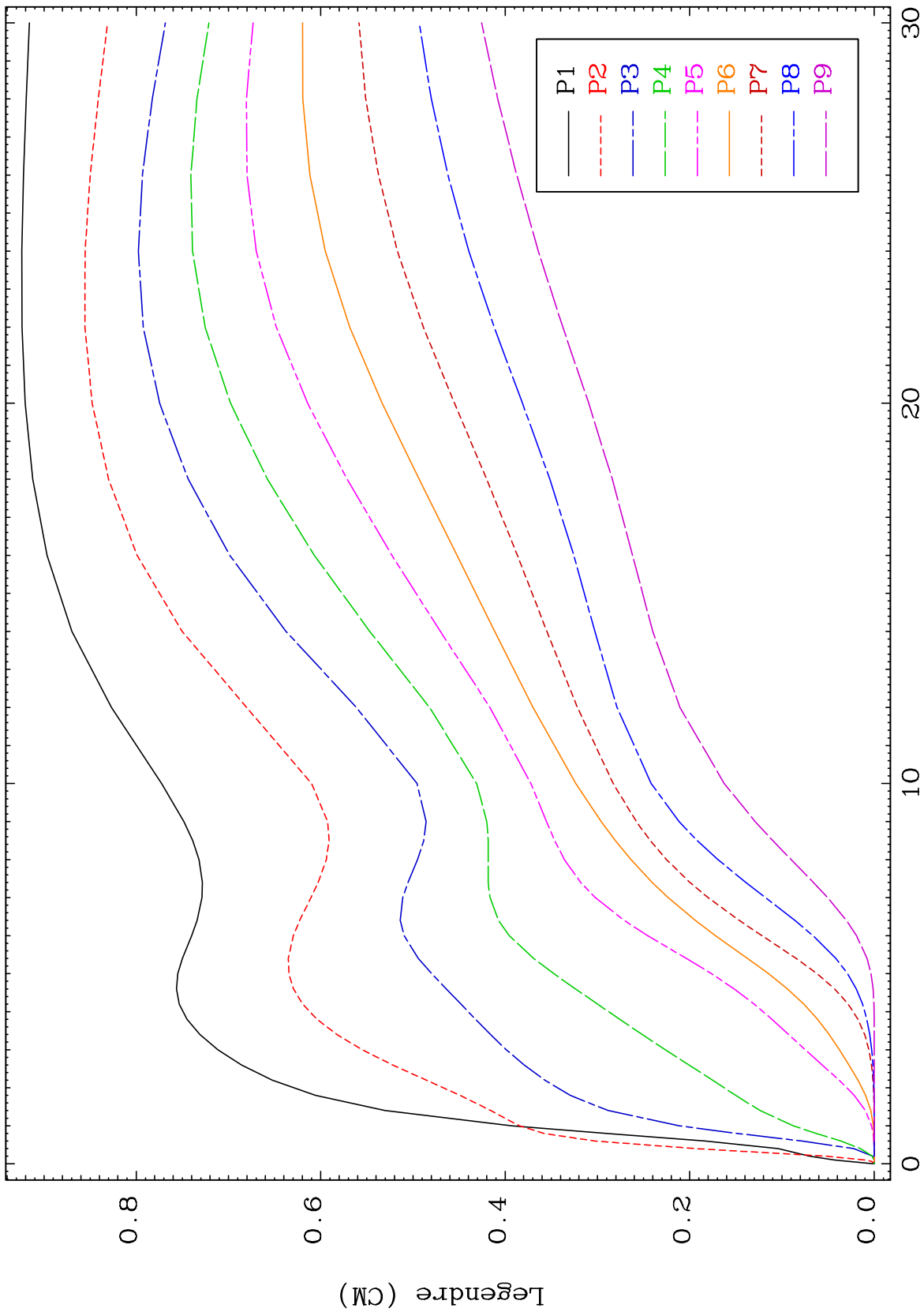
72-Hf-158



MAT 7177

72-Hf-158

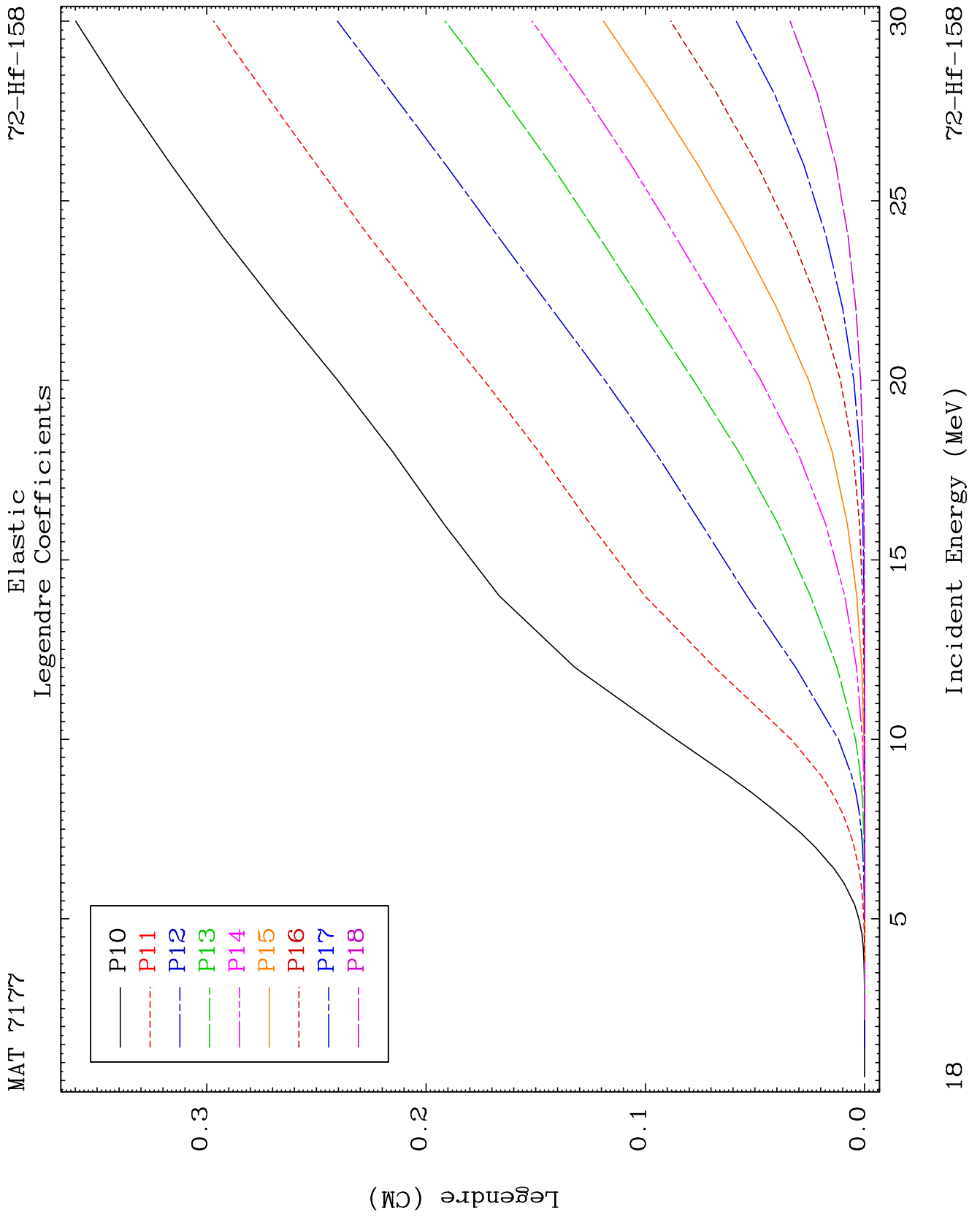
Elastic Legendre Coefficients



17

Incident Energy (MeV)

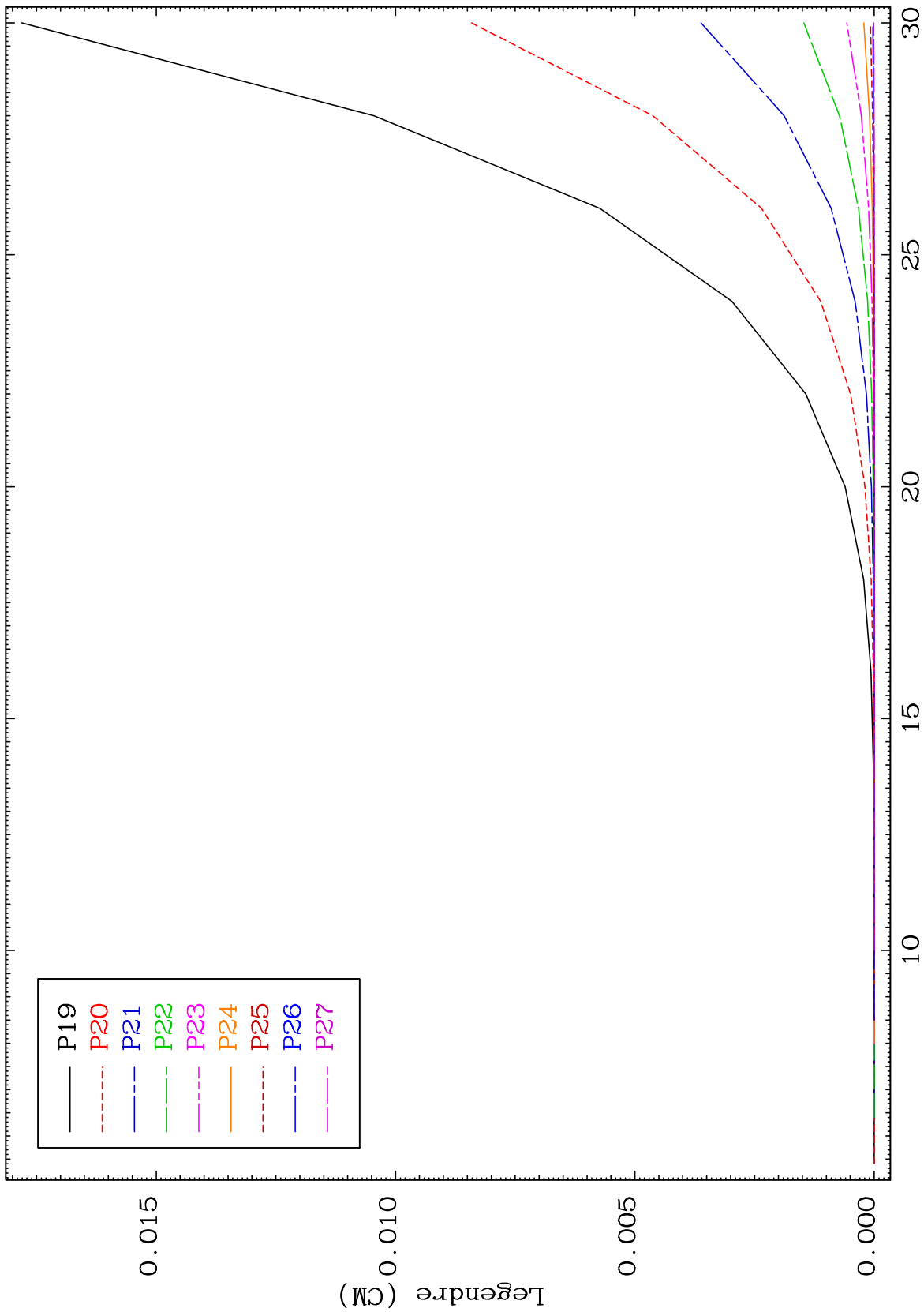
72-Hf-158



MAT 7177

Elastic Legendre Coefficients

72-Hf-158



19

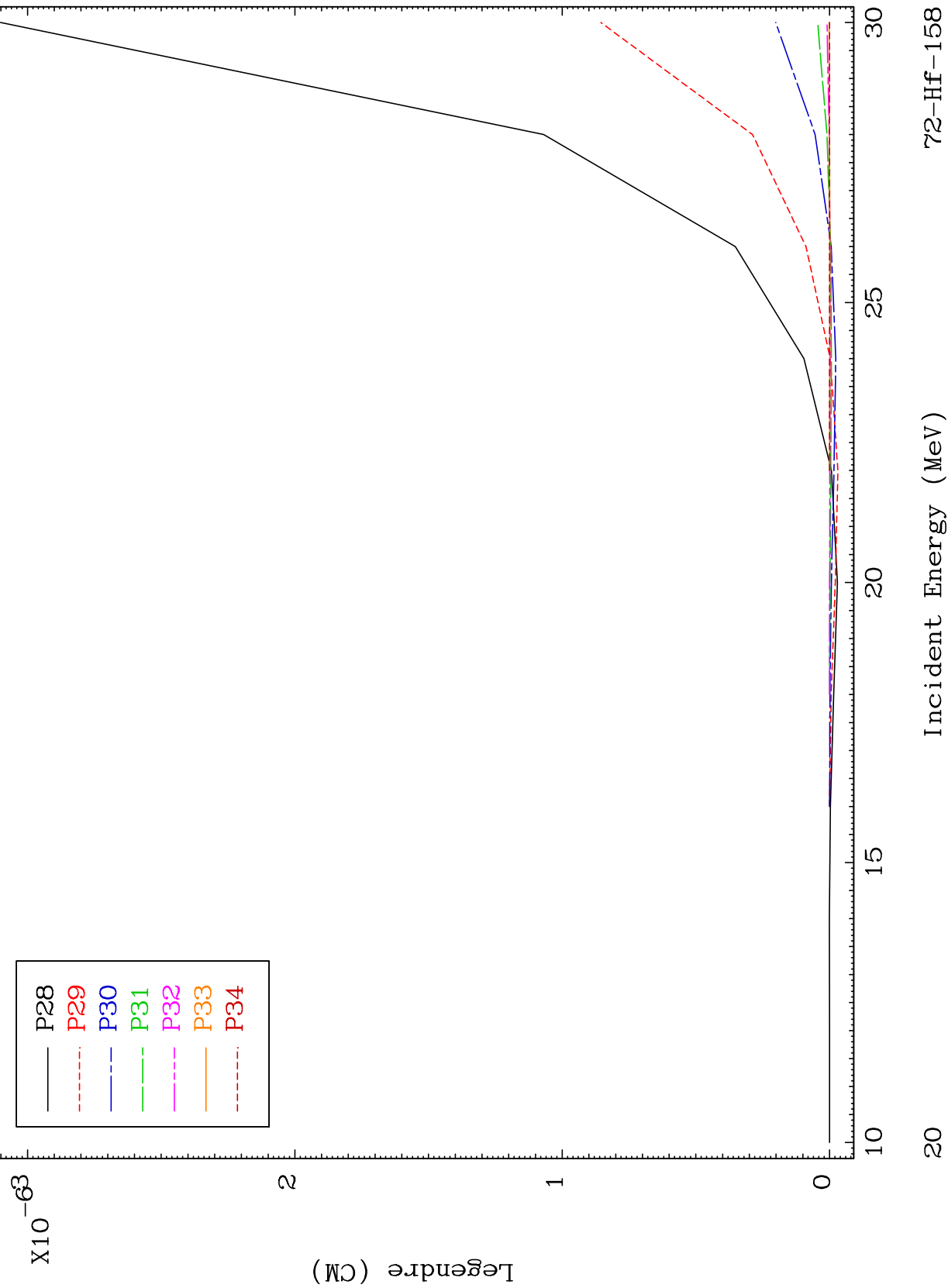
Incident Energy (MeV)

72-Hf-158

MAT 7177

Elastic Legendre Coefficients

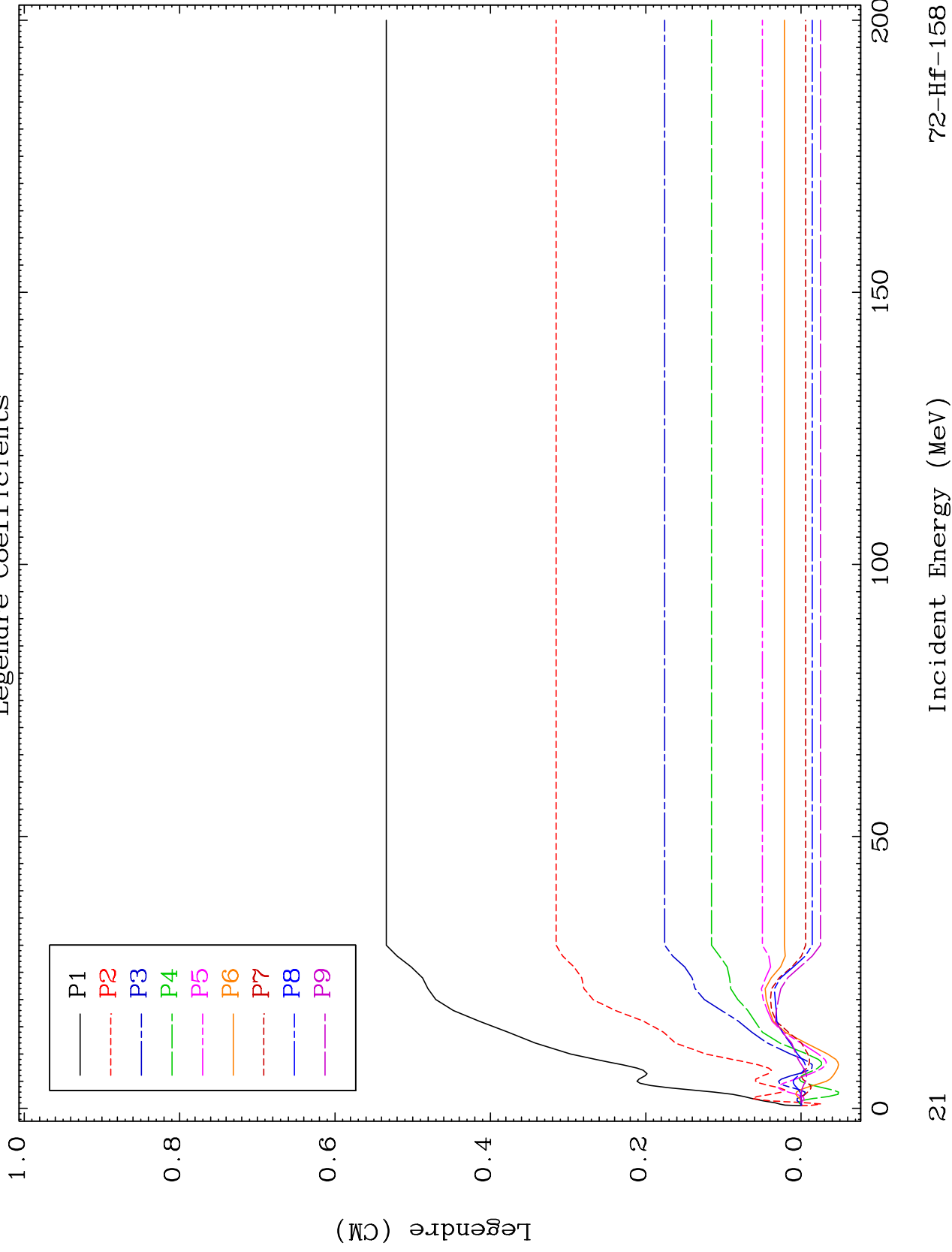
72-Hf-158



MAT 71777

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

72-Hf-158



21

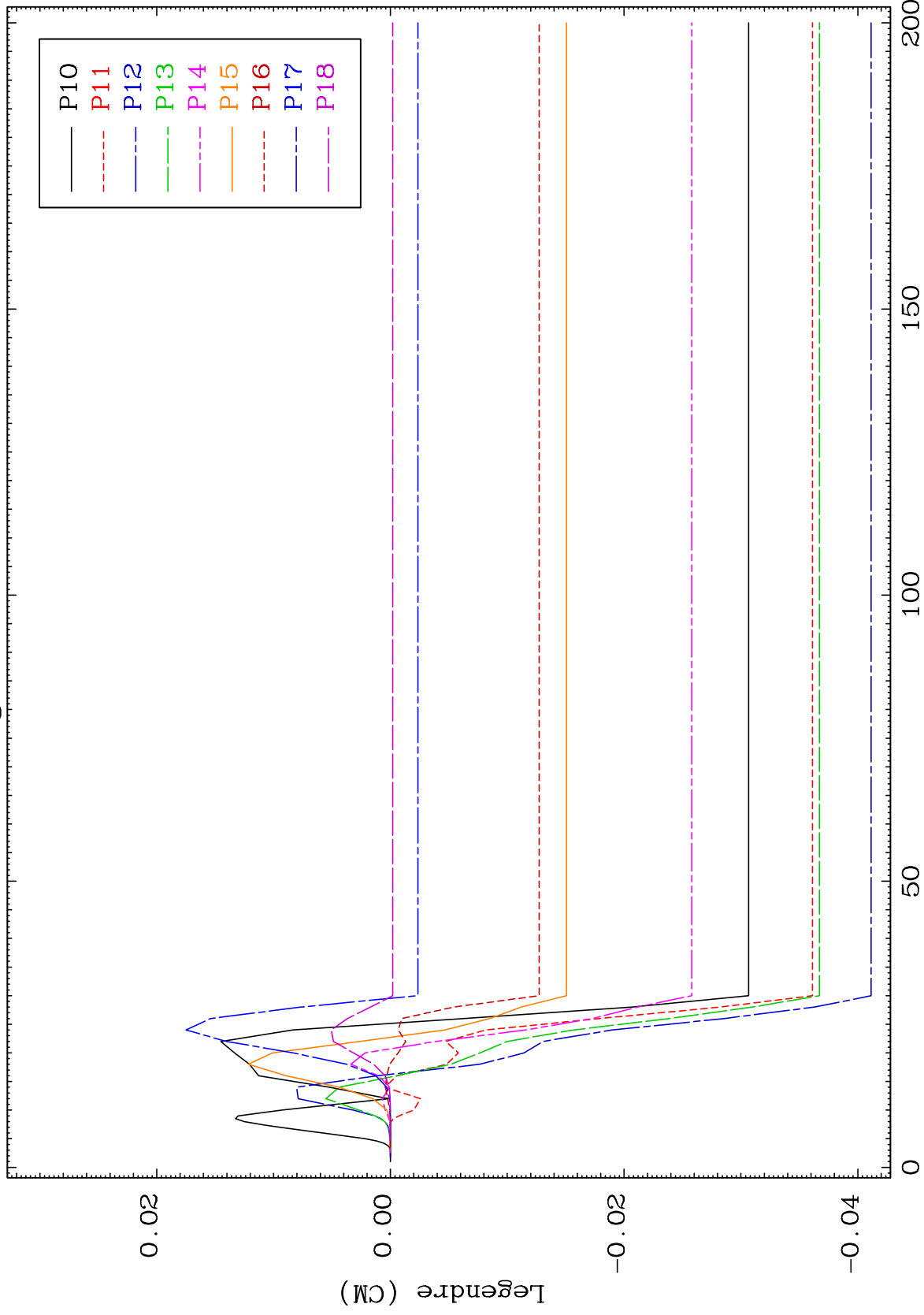
Incident Energy (MeV)

72-Hf-158

MAT 7177

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

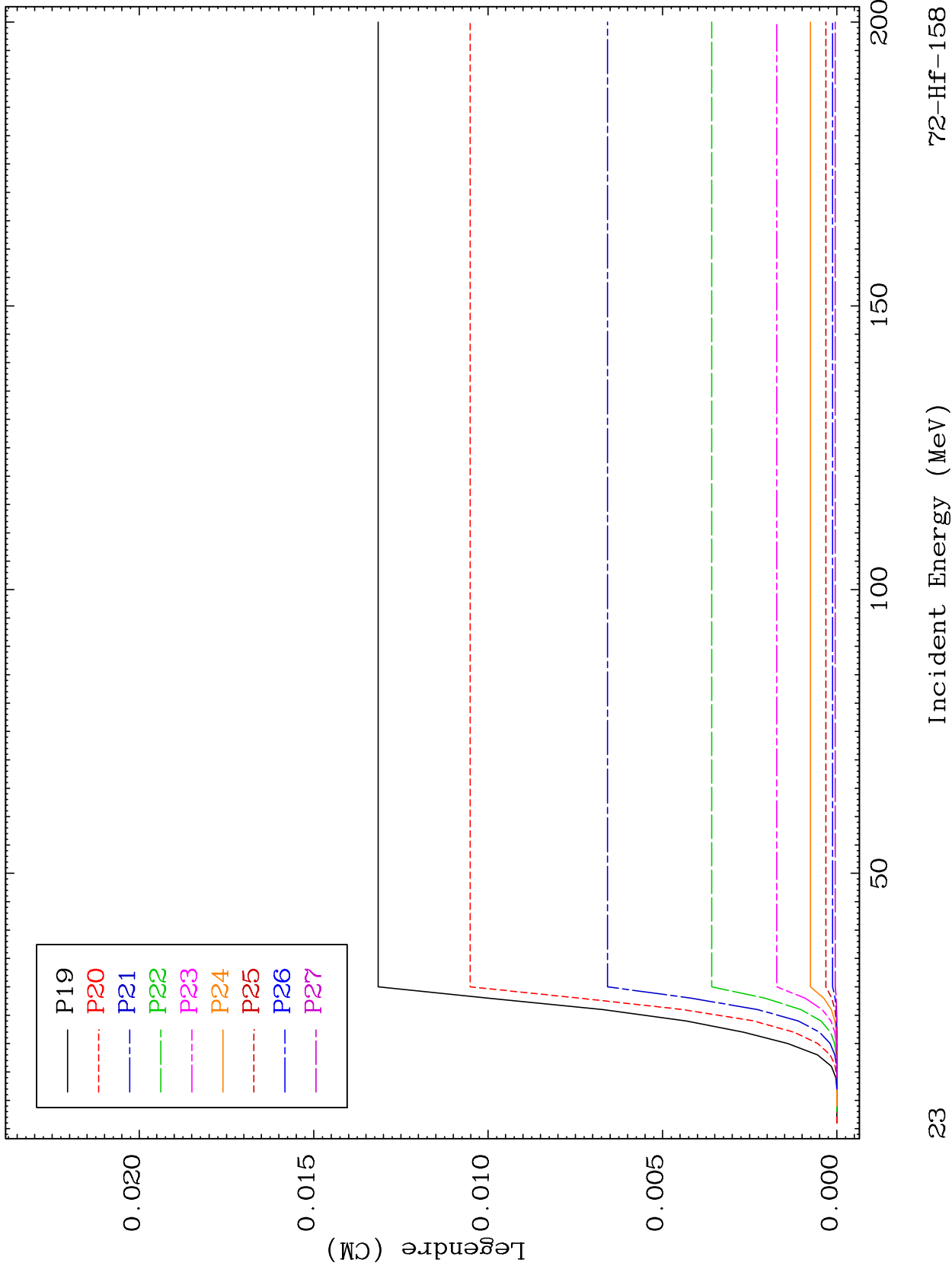
72-Hf-158



22

Incident Energy (MeV)

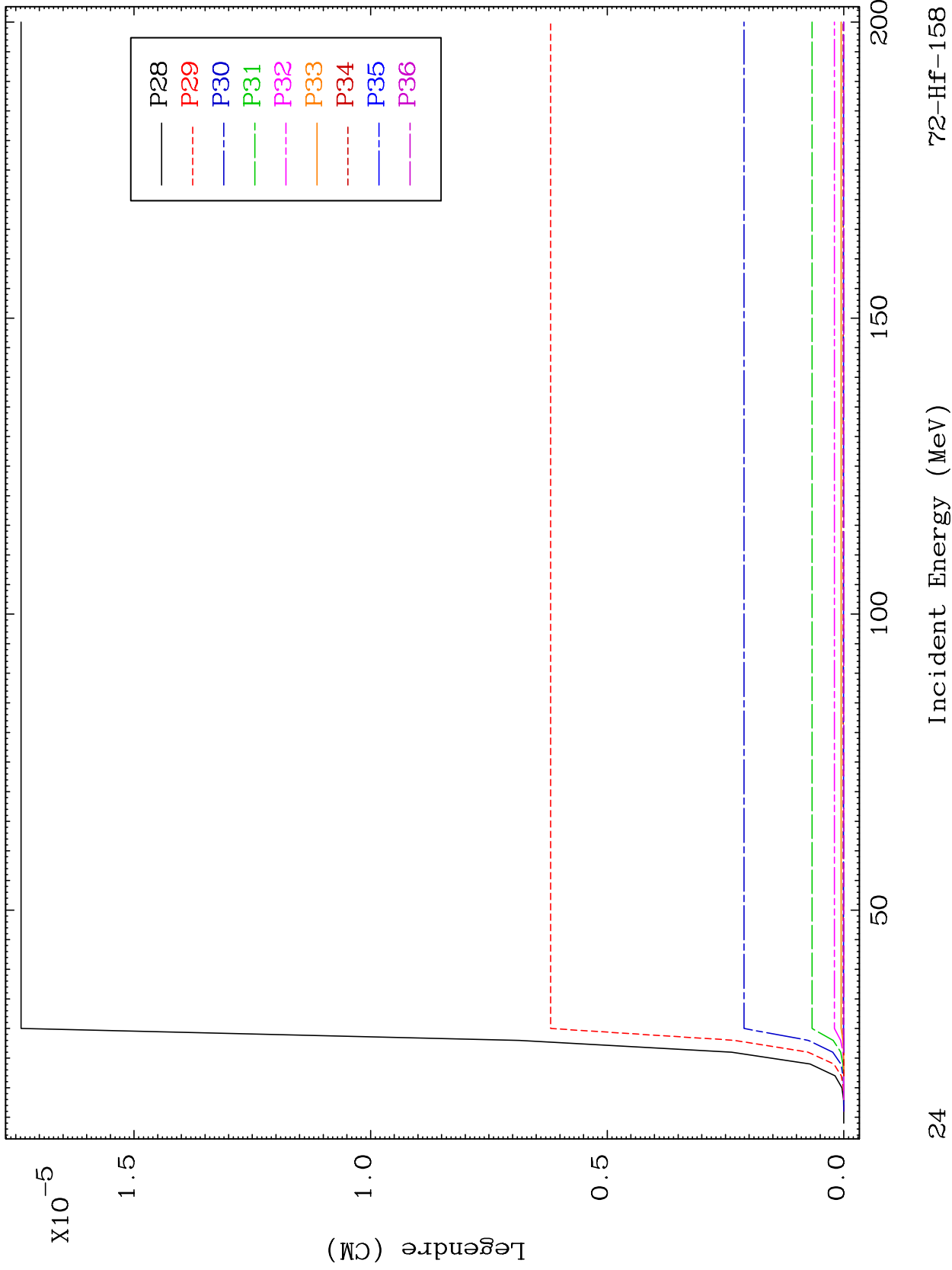
72-Hf-158



MAT 7177

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

72-Hf-158



24

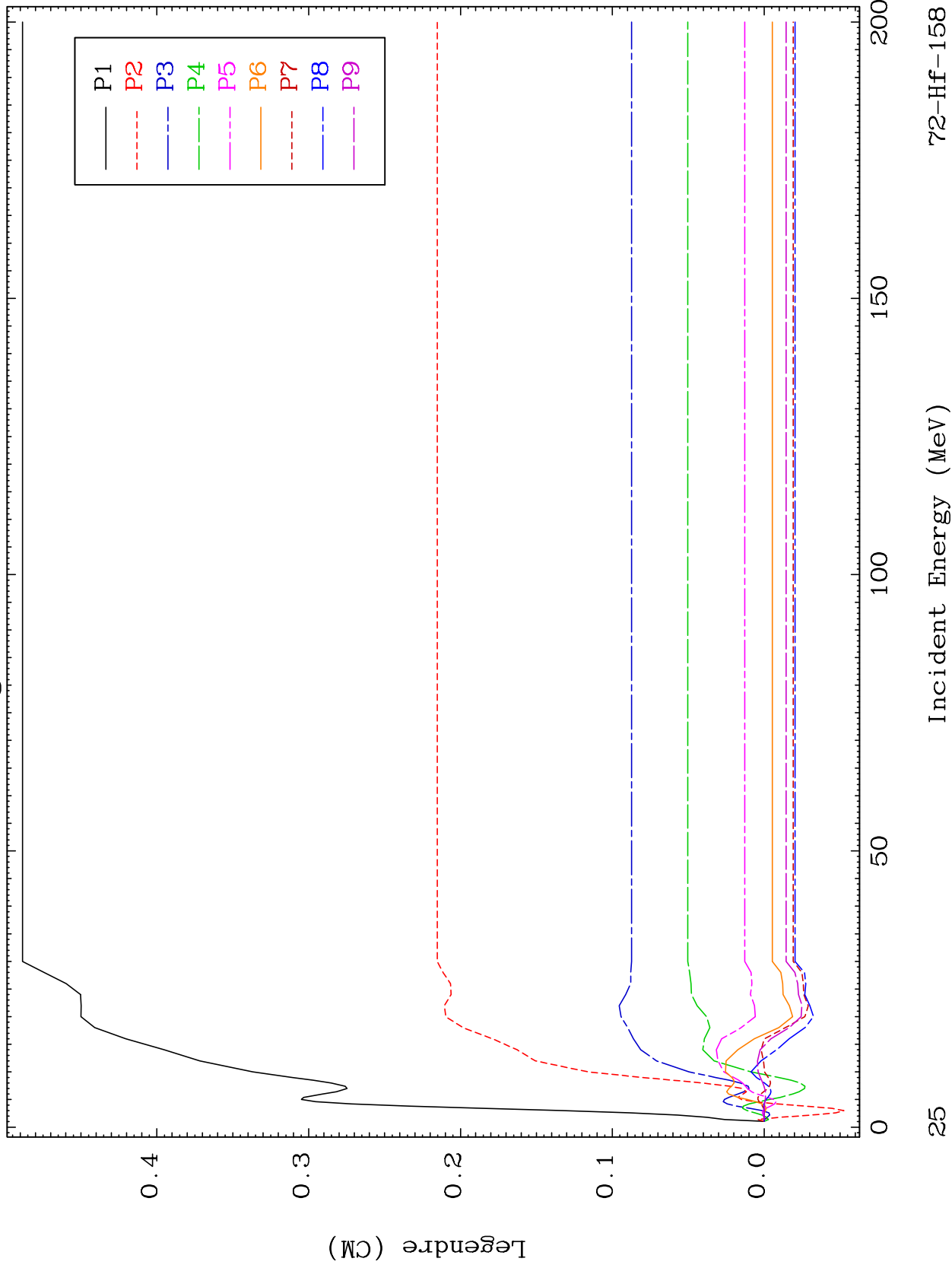
Incident Energy (MeV)

72-Hf-158

MAT 7177

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

72-Hf-158



72-Hf-158

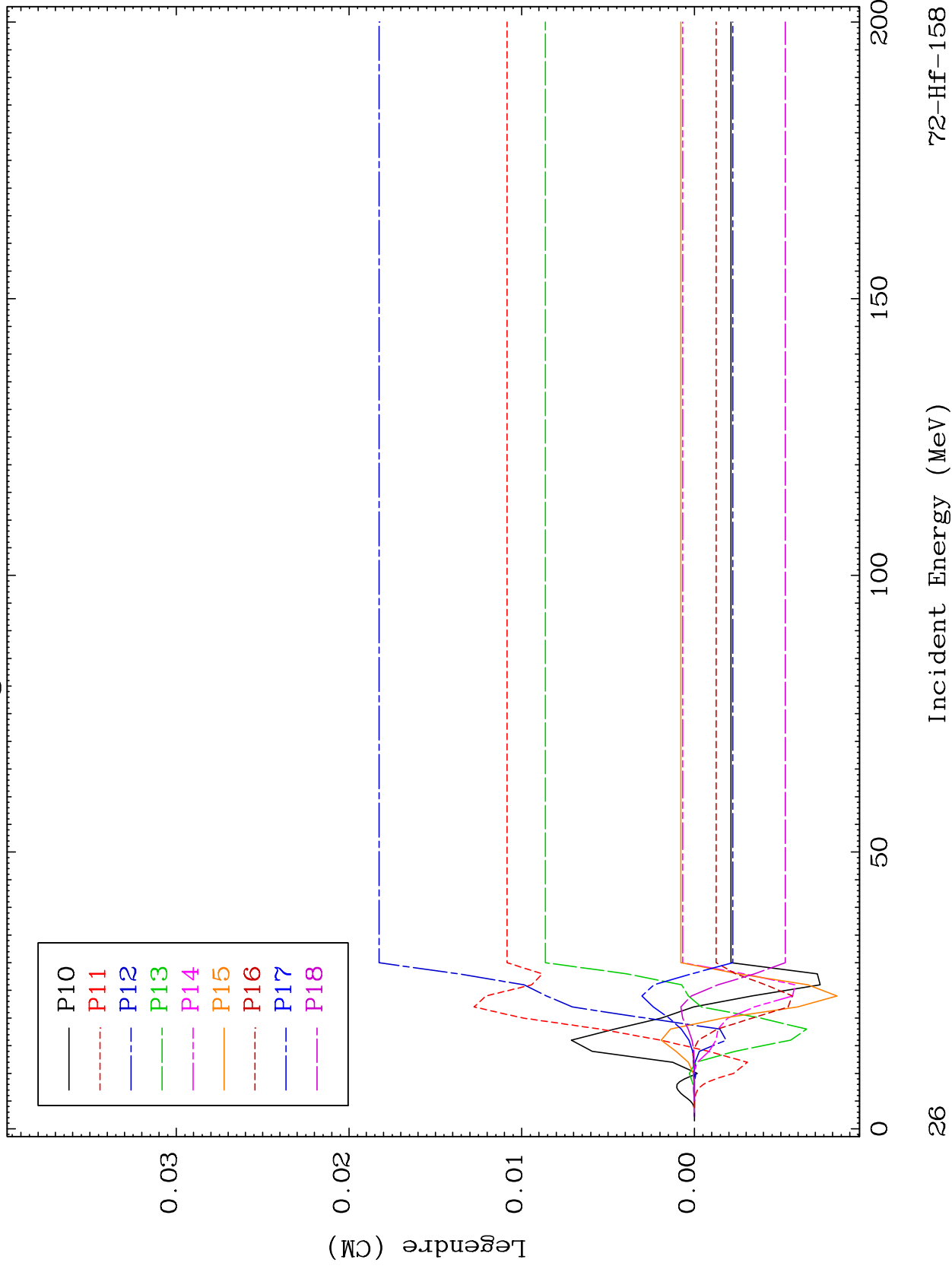
Incident Energy (MeV)

25

MAT 7177

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

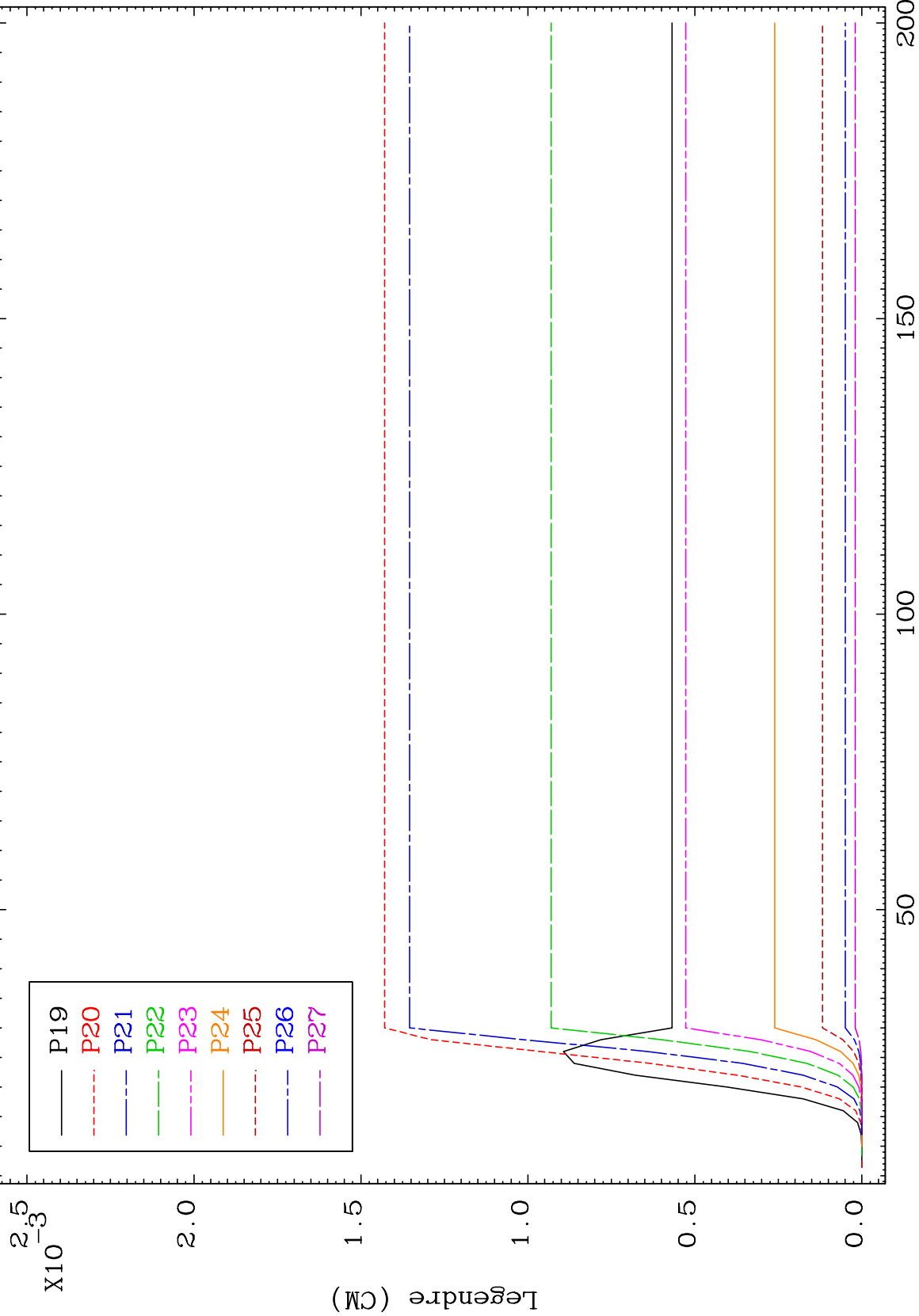
72-Hf-158



26

Incident Energy (MeV)

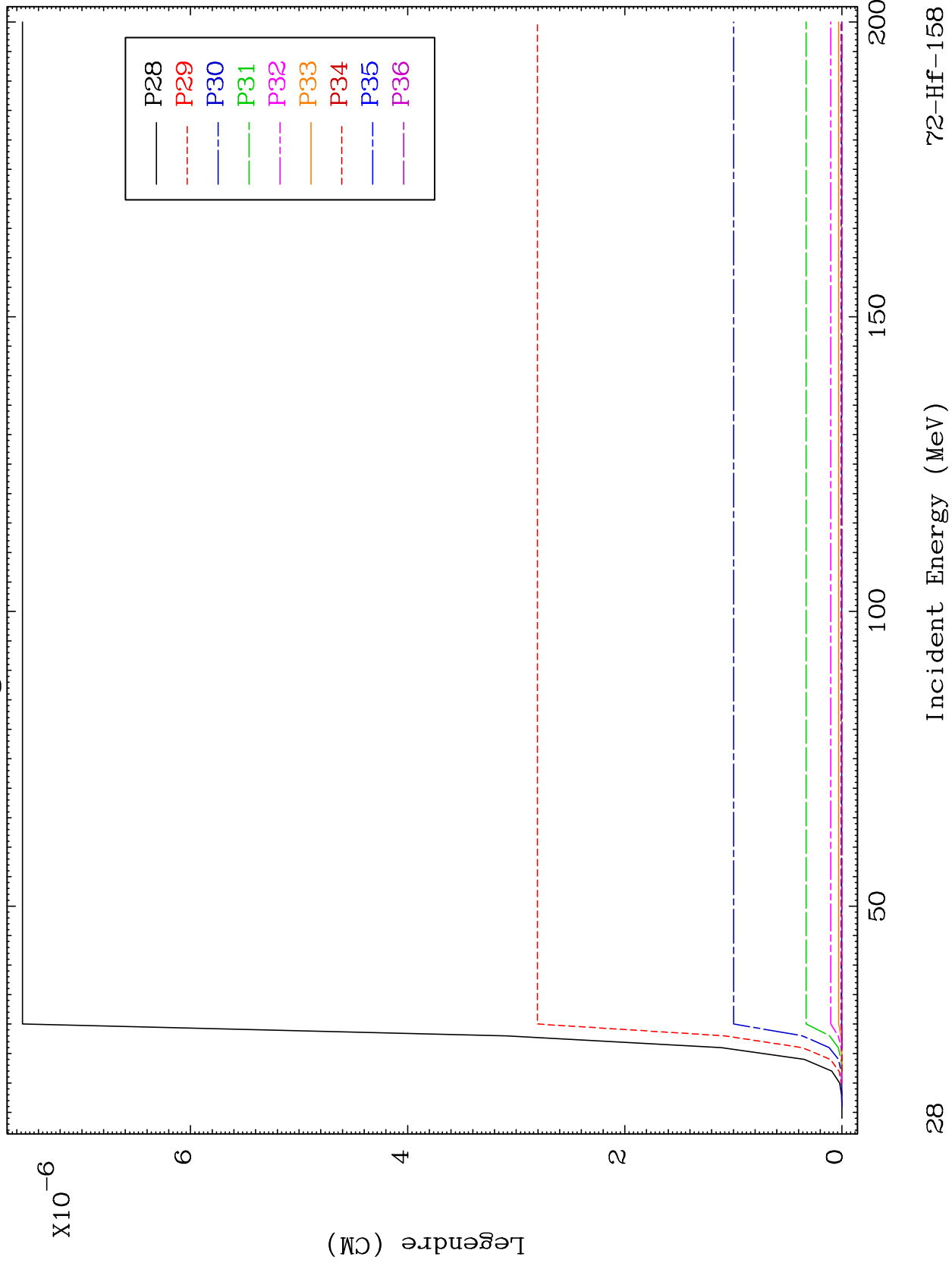
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MAT 7177

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

72-Hf-158



28

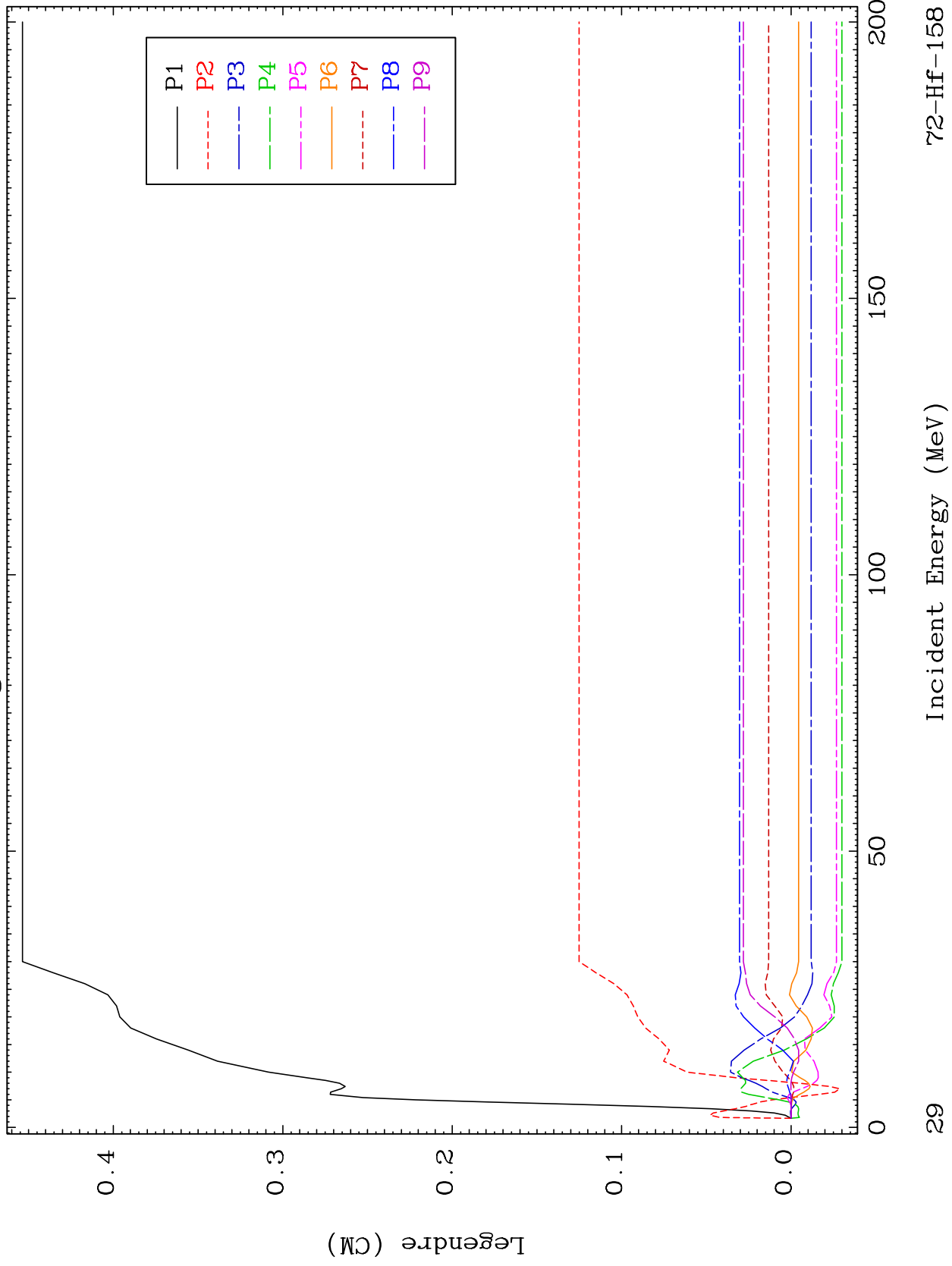
Incident Energy (MeV)

72-Hf-158

MAT 7177

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

72-Hf-158



72-Hf-158

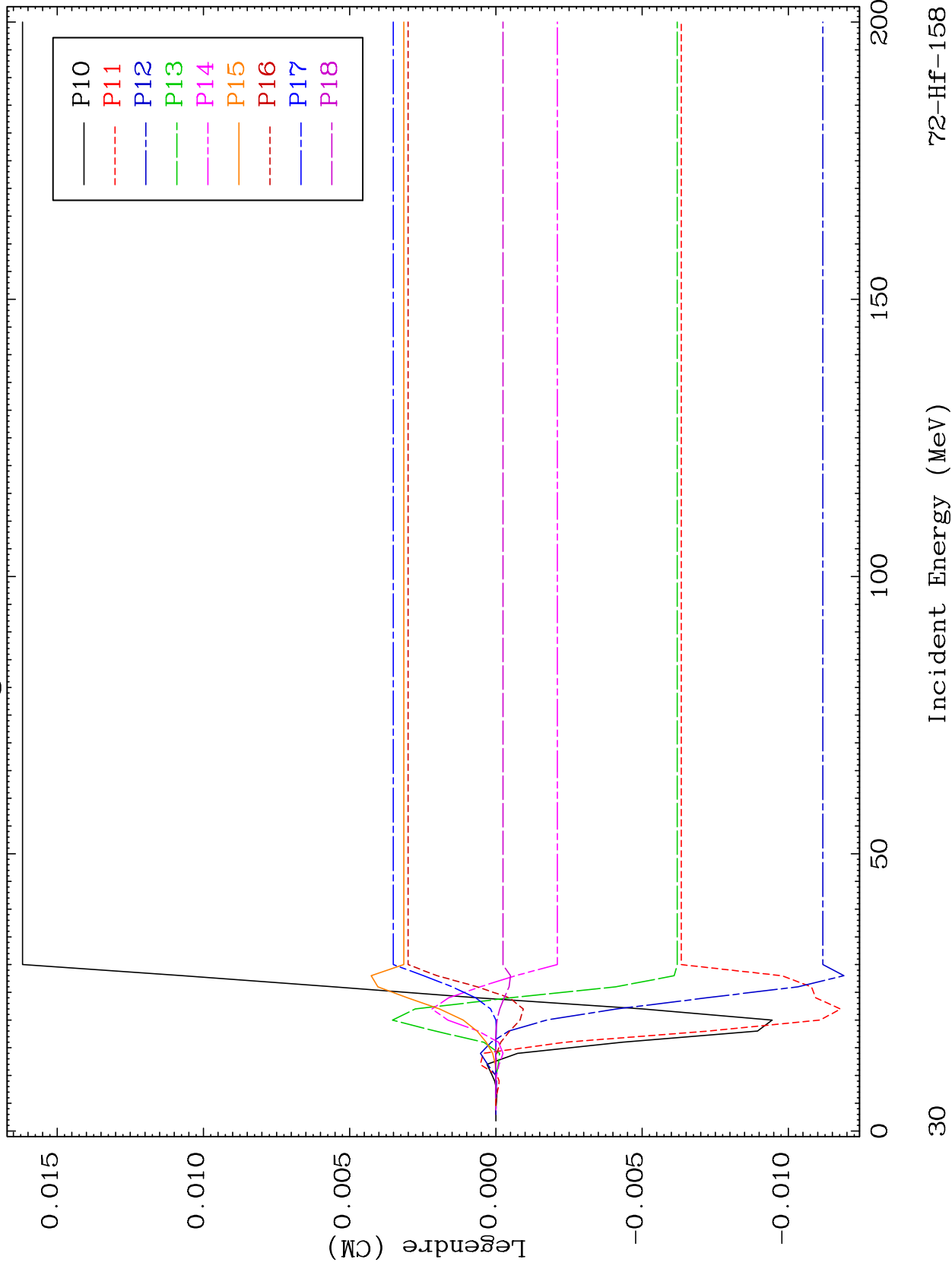
Incident Energy (MeV)

29

MAT 7177

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

72-Hf-158



72-Hf-158

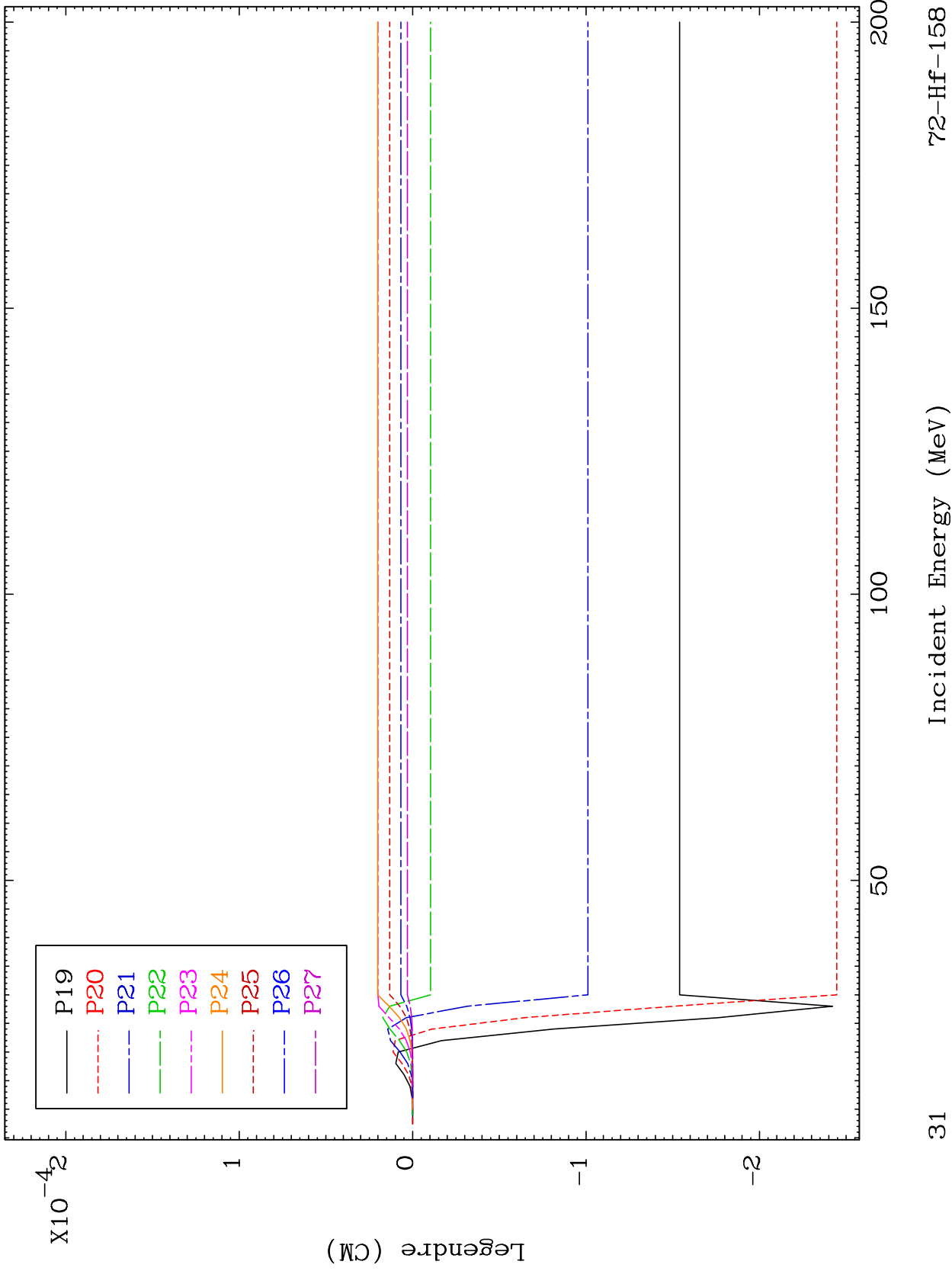
Incident Energy (MeV)

30

MAT 7177

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

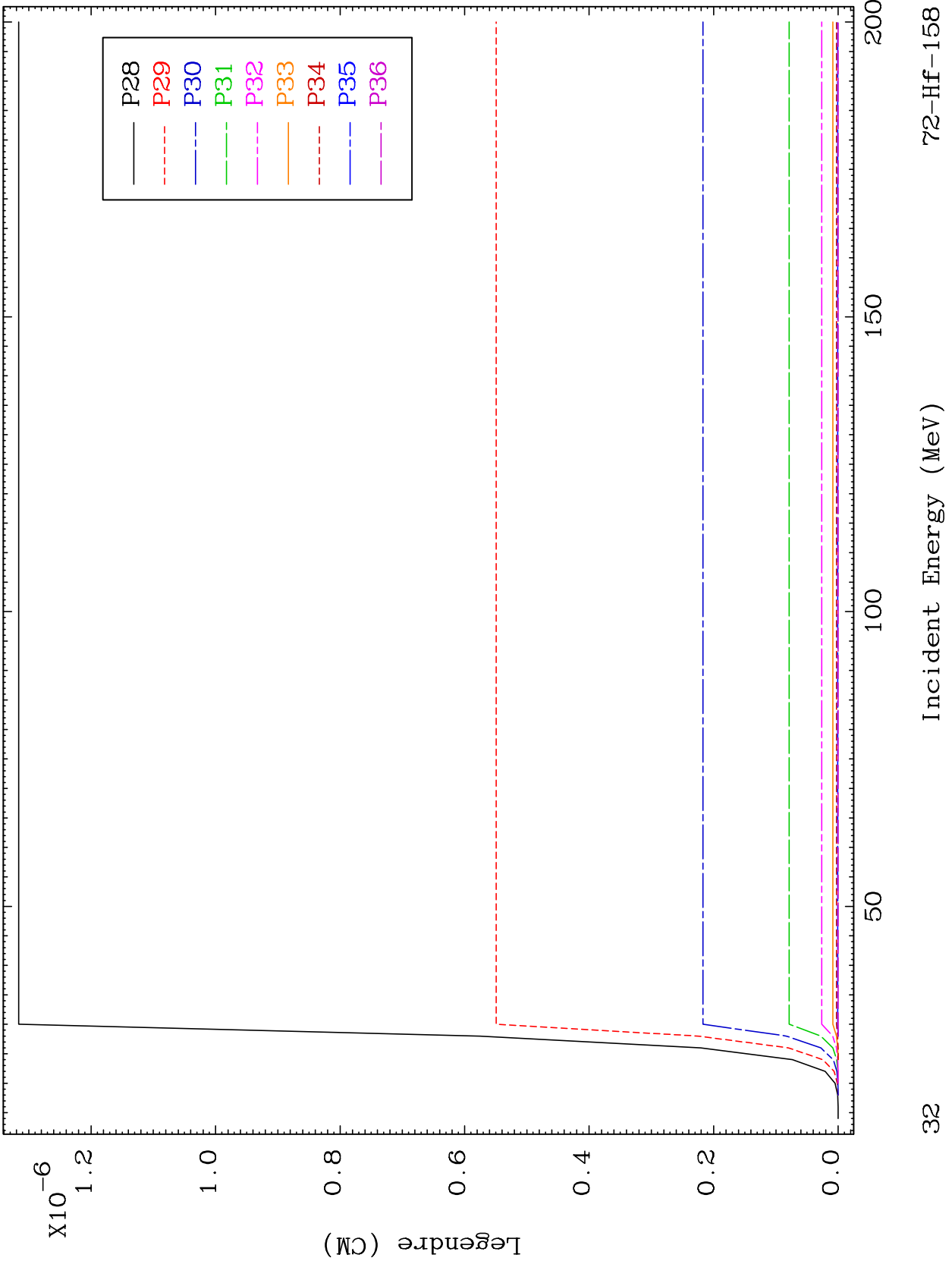
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MAT 7177

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

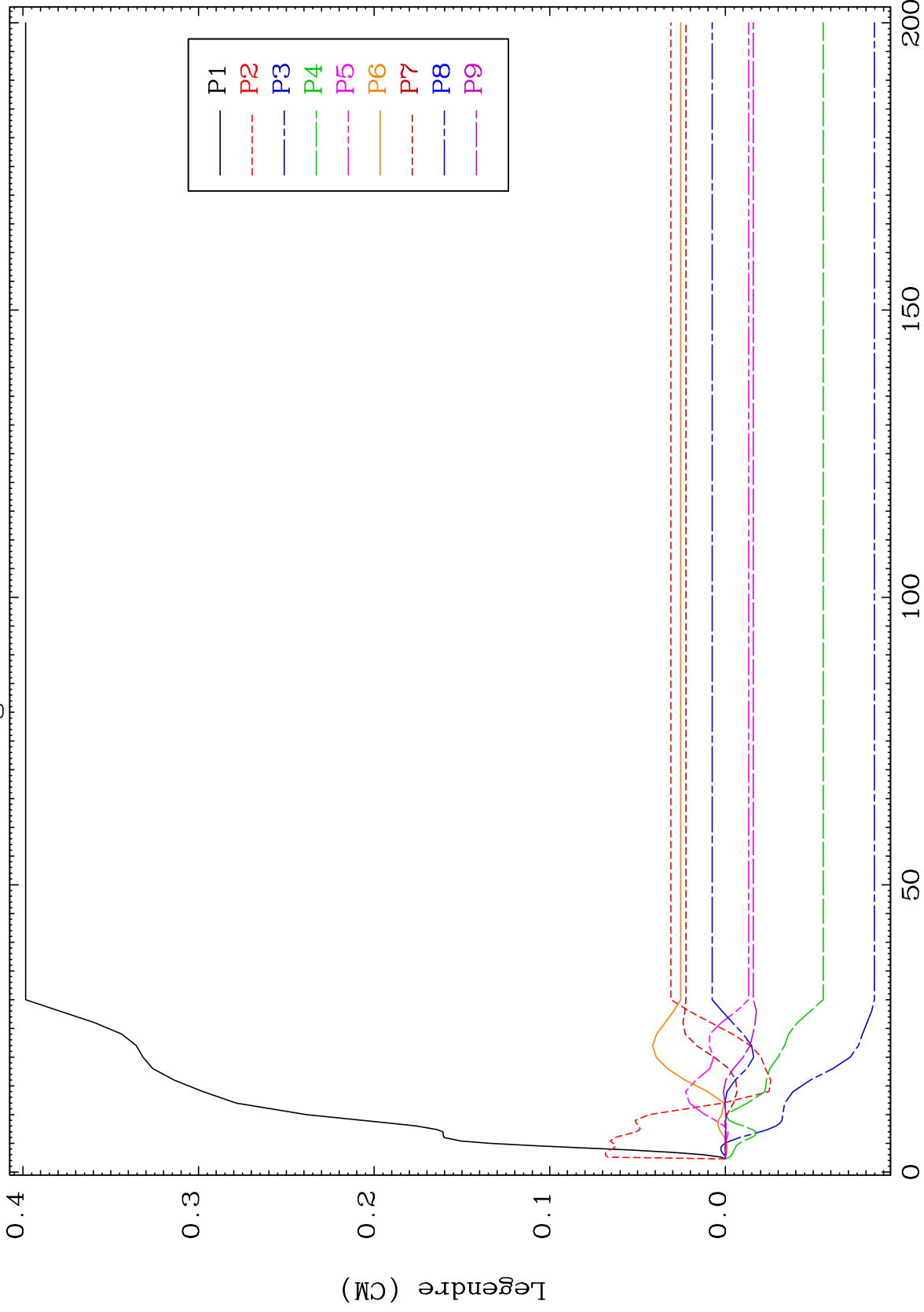
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32

Incident Energy (MeV)

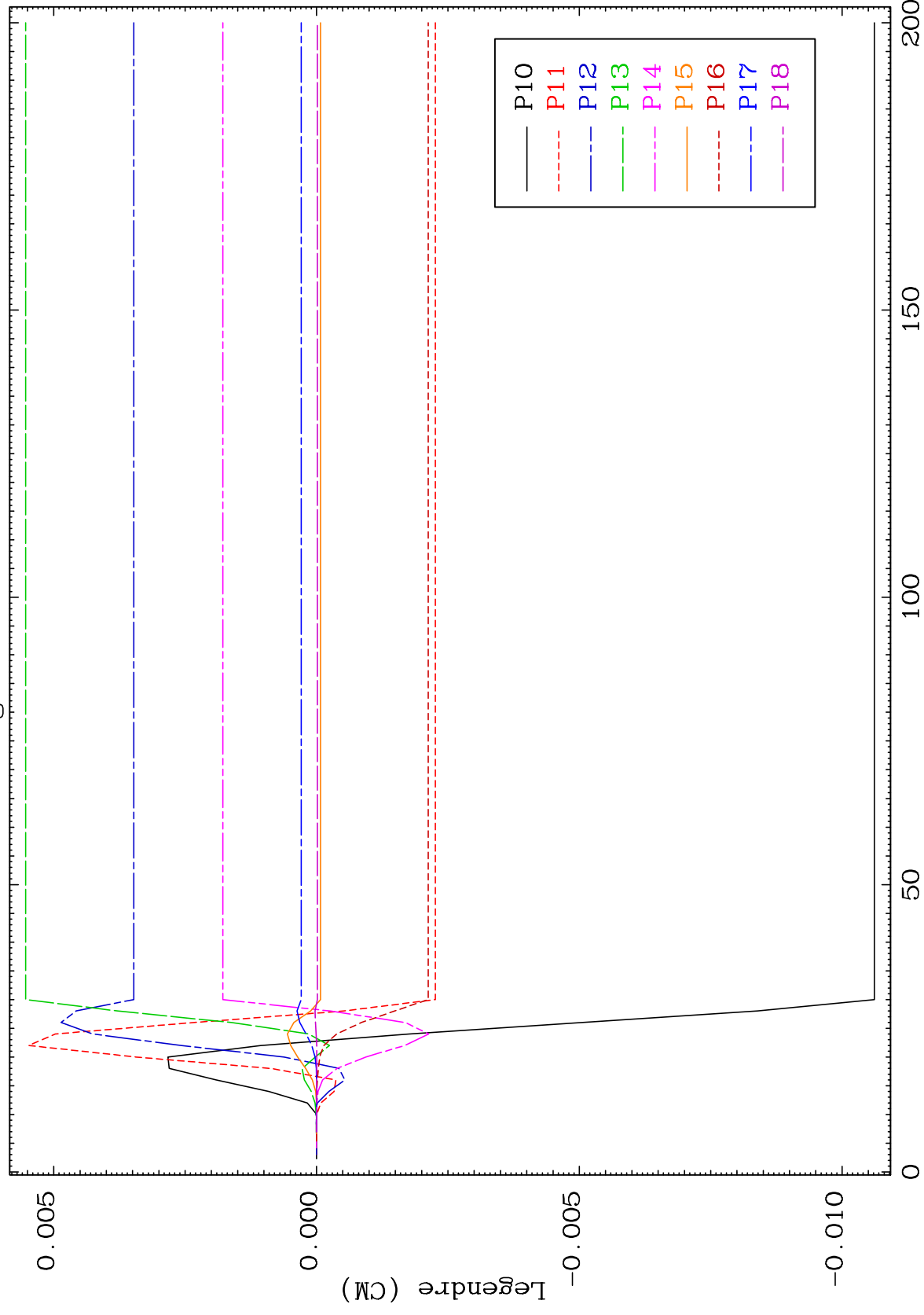
72-Hf-158



MAT 7177

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

72-Hf-158



34

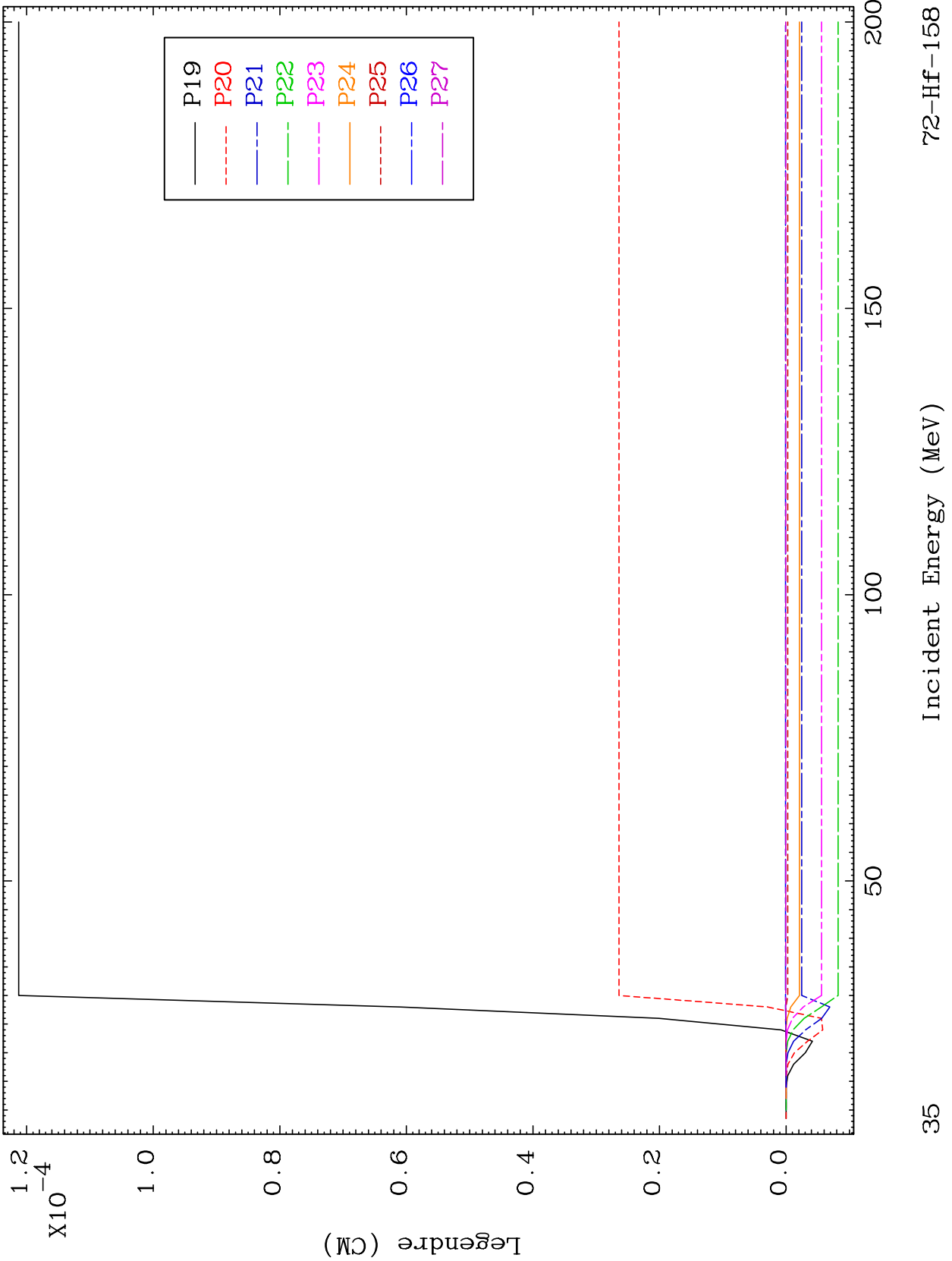
Incident Energy (MeV)

72-Hf-158

MAT 7177

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

72-Hf-158



35

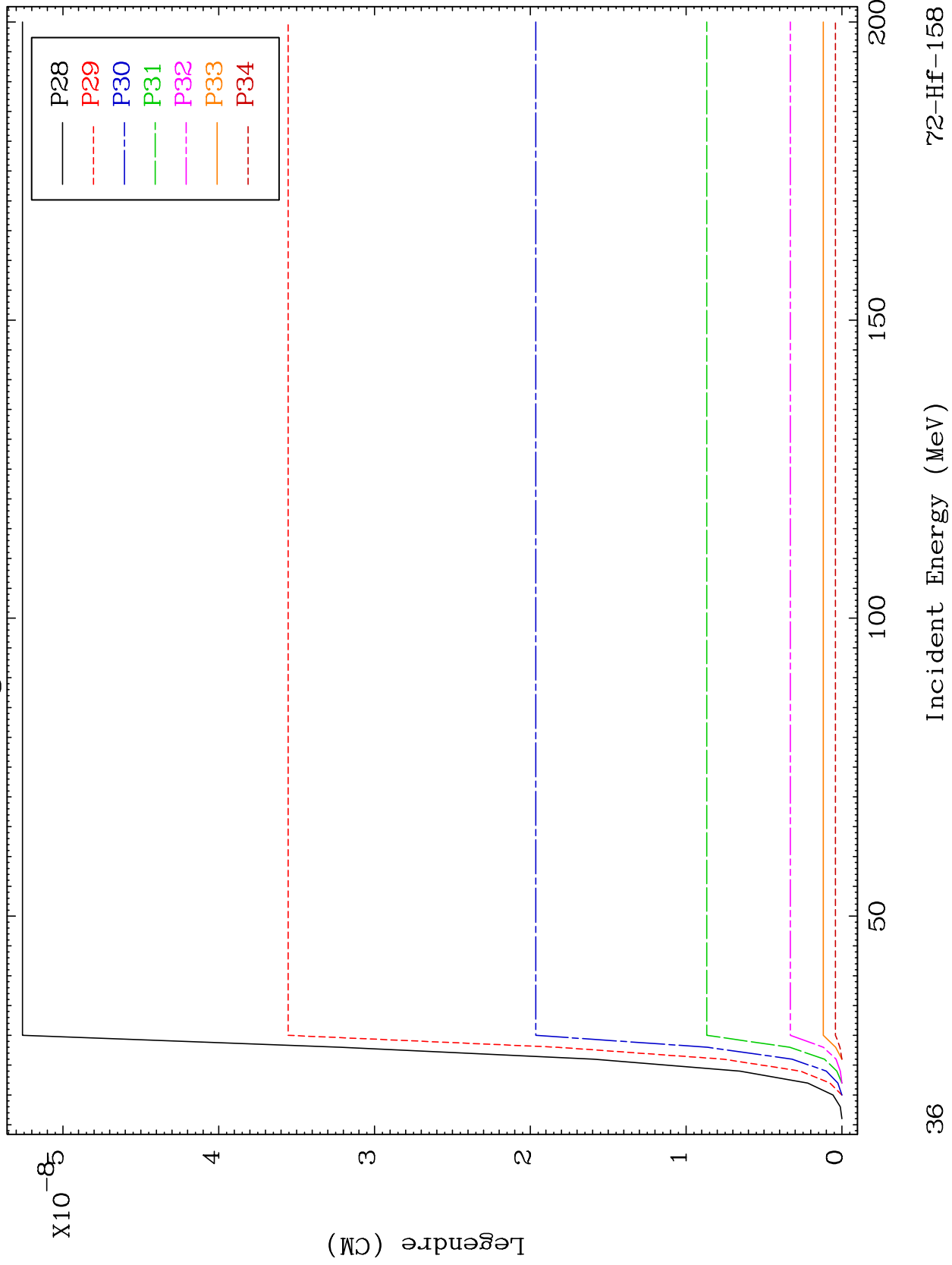
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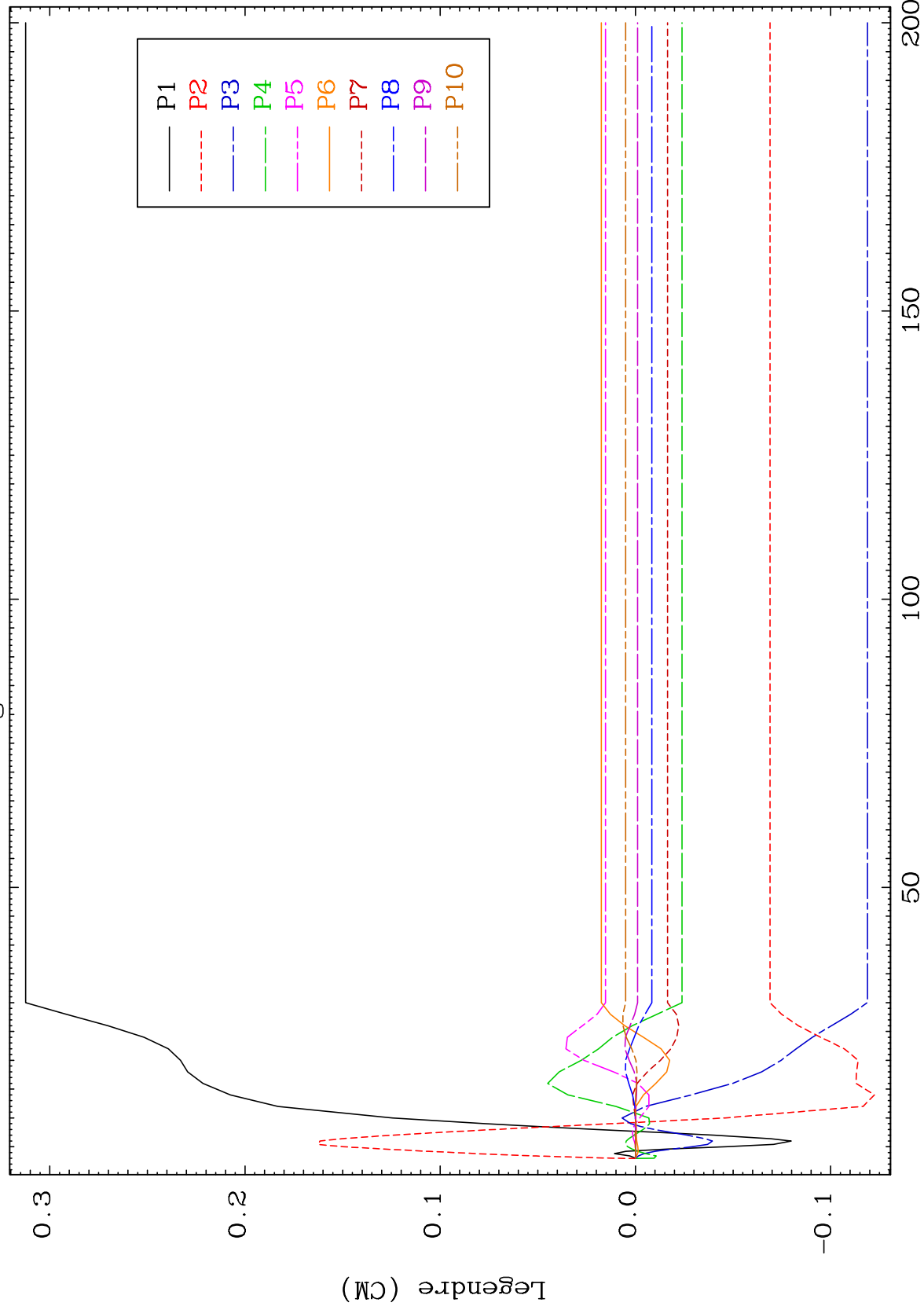
72-Hf-158

MAT 7177

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

72-Hf-158

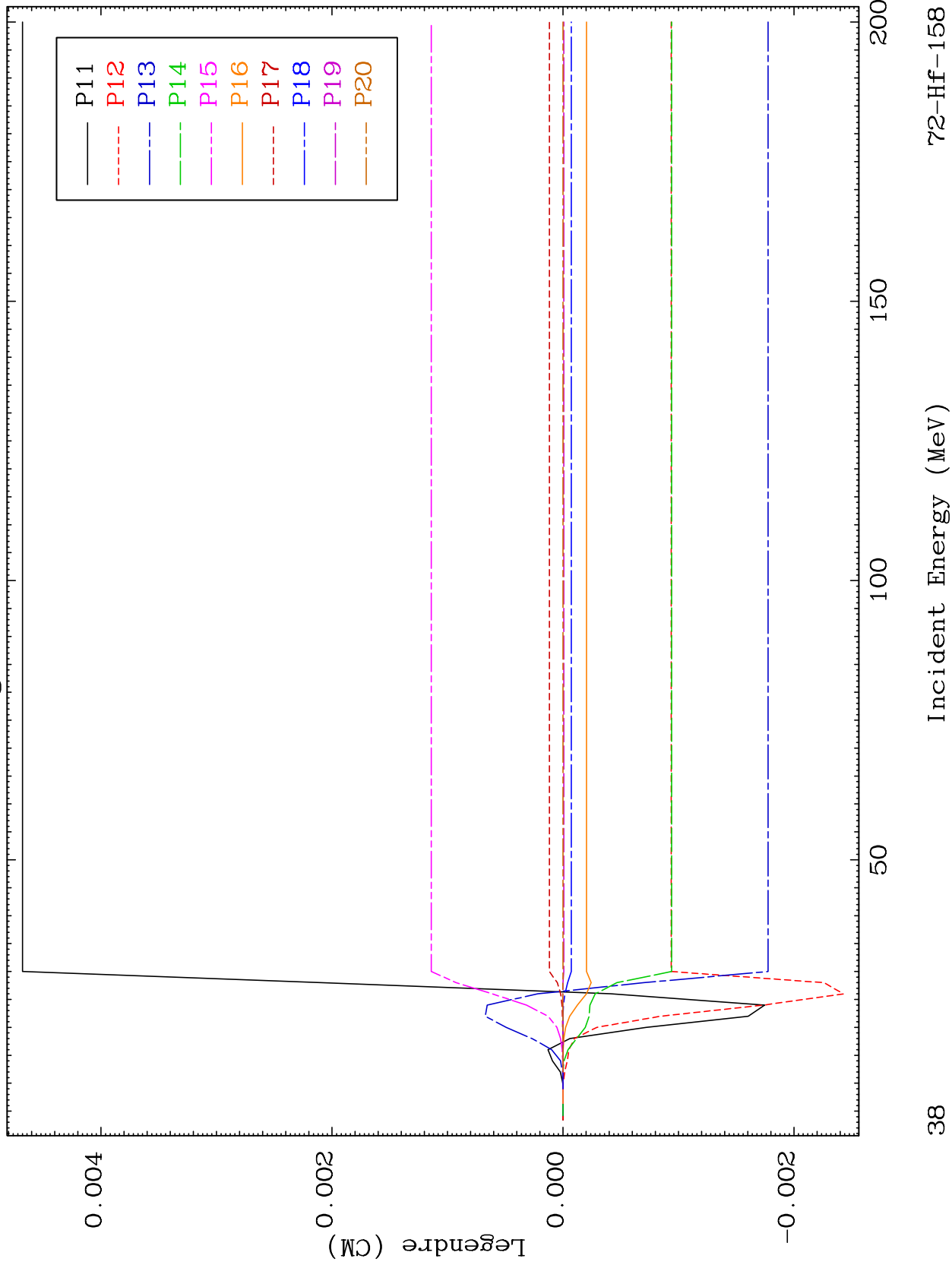




MAT 7177

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

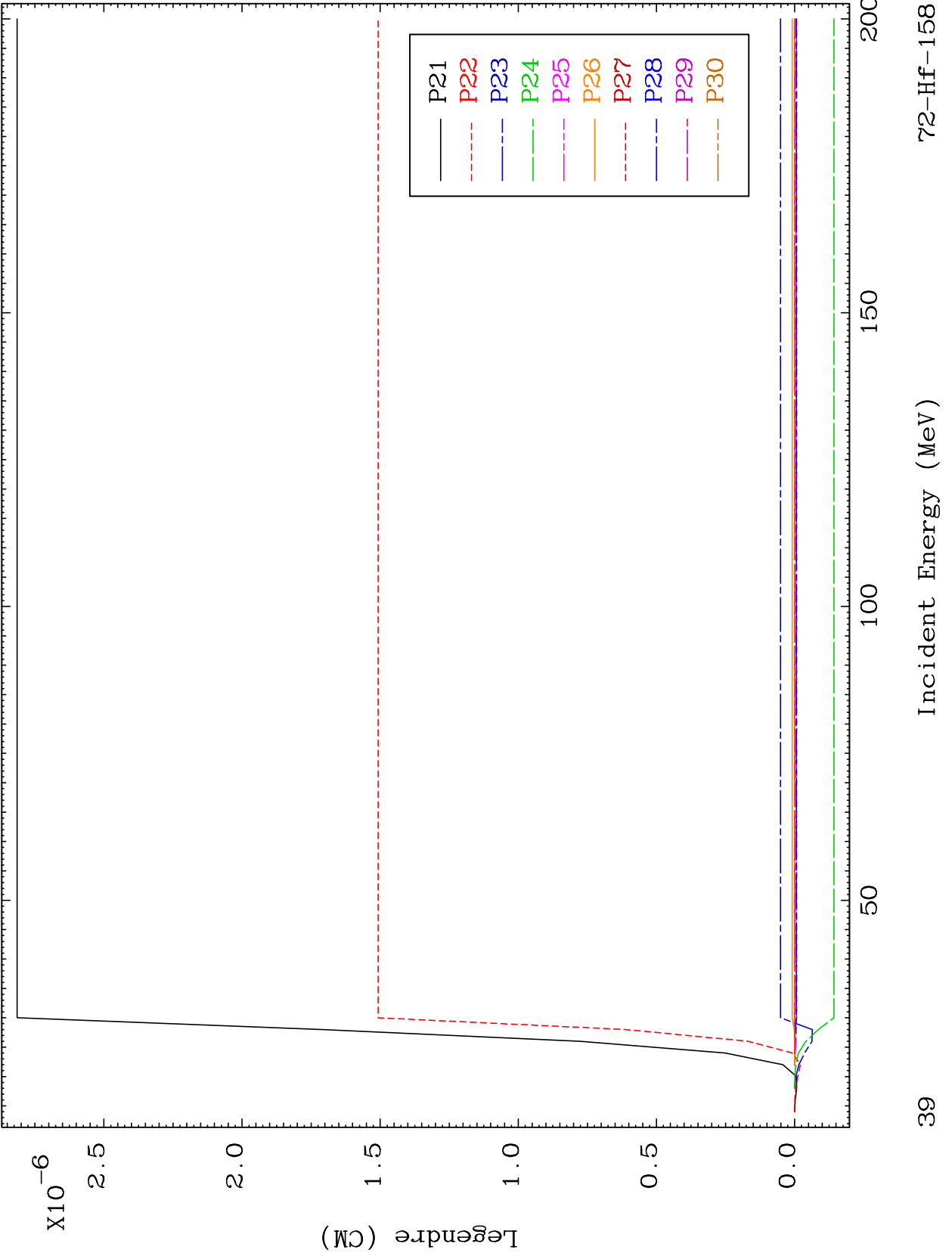
72-Hf-158



38

Incident Energy (MeV)

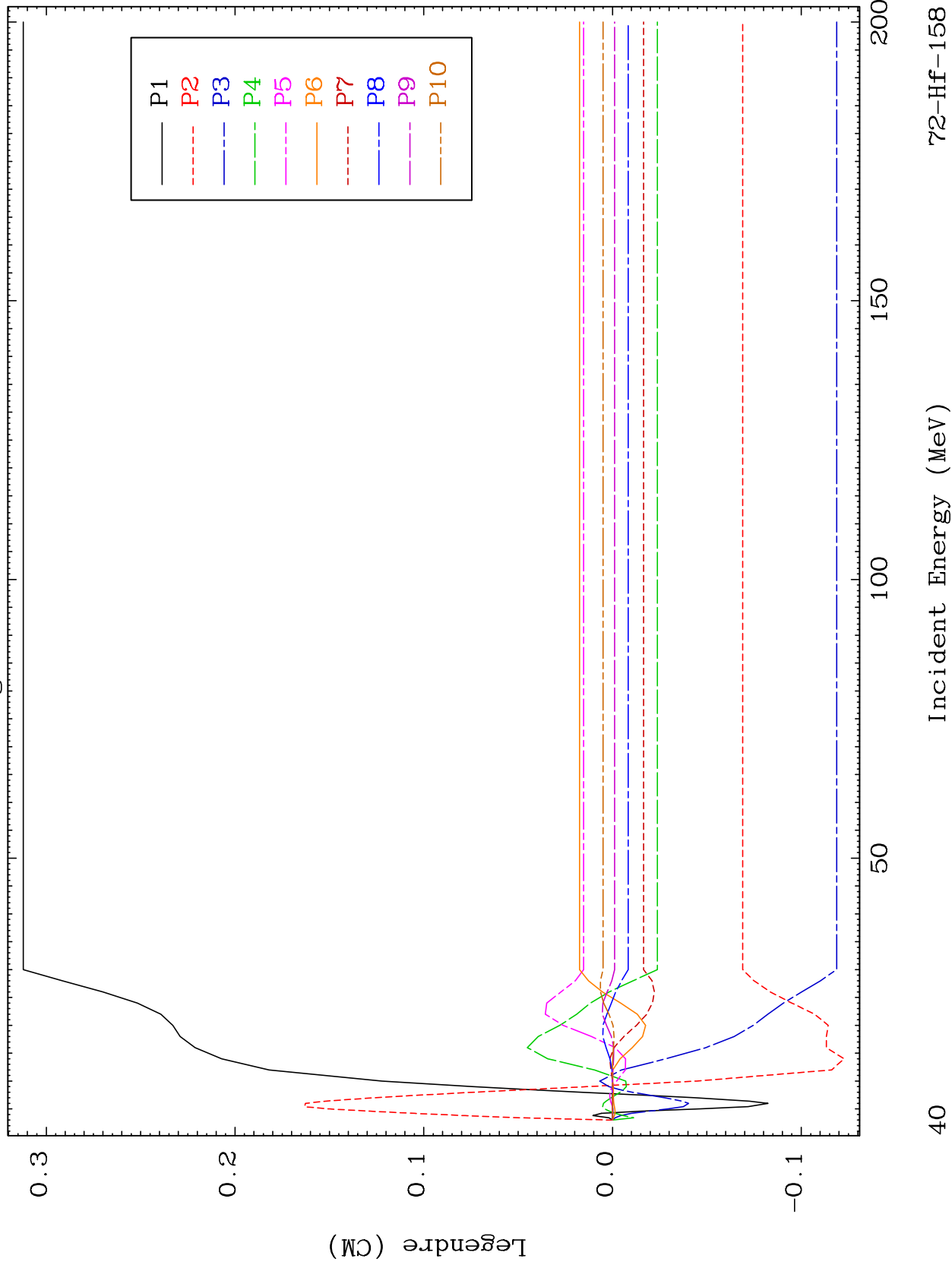
72-Hf-158



MAT 7177

MT= 56 (n,n') Level
Legendre Coefficients

72-Hf-158



72-Hf-158

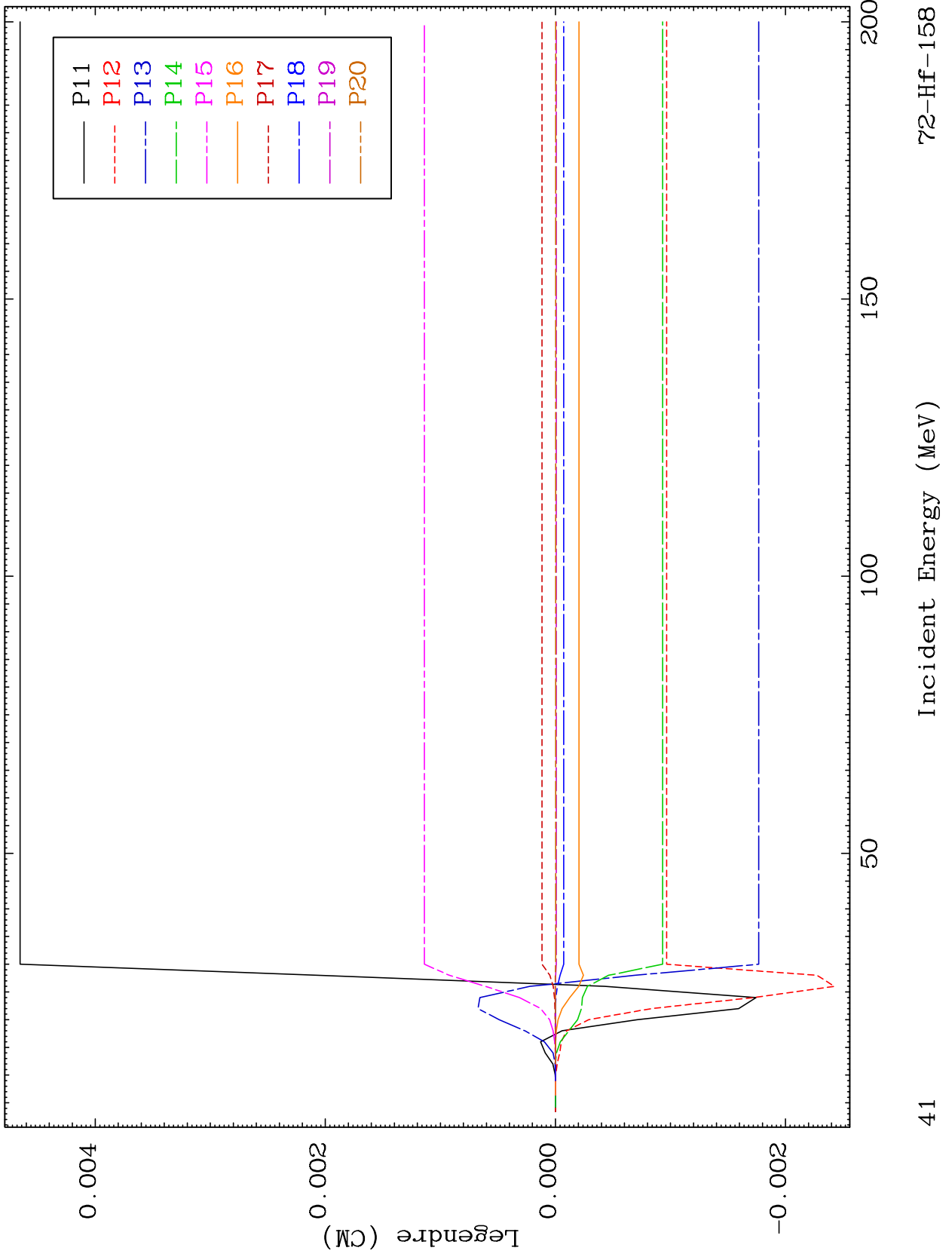
Incident Energy (MeV)

40

MAT 7177

MT= 56 (n,n') Level
Legendre Coefficients

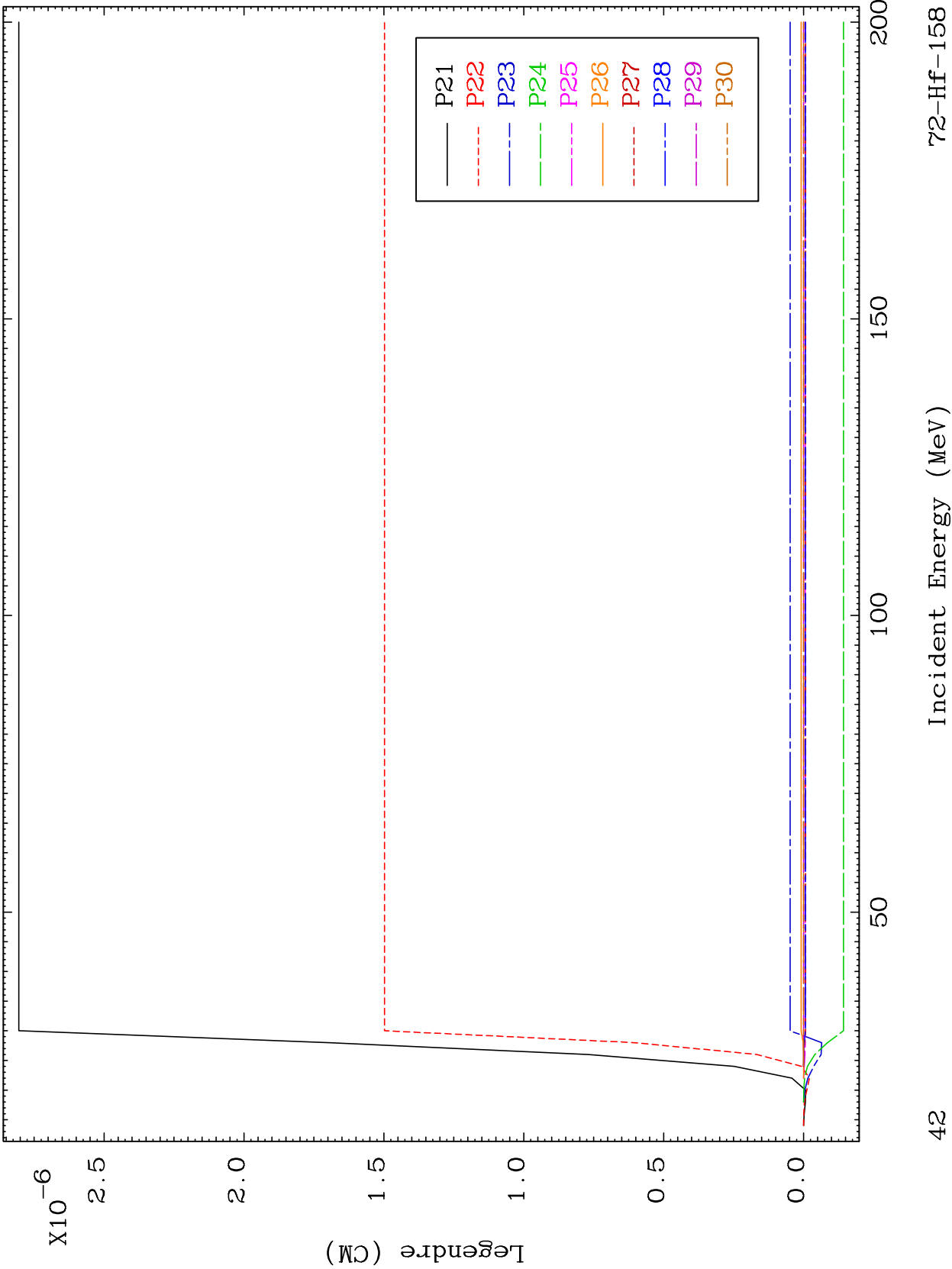
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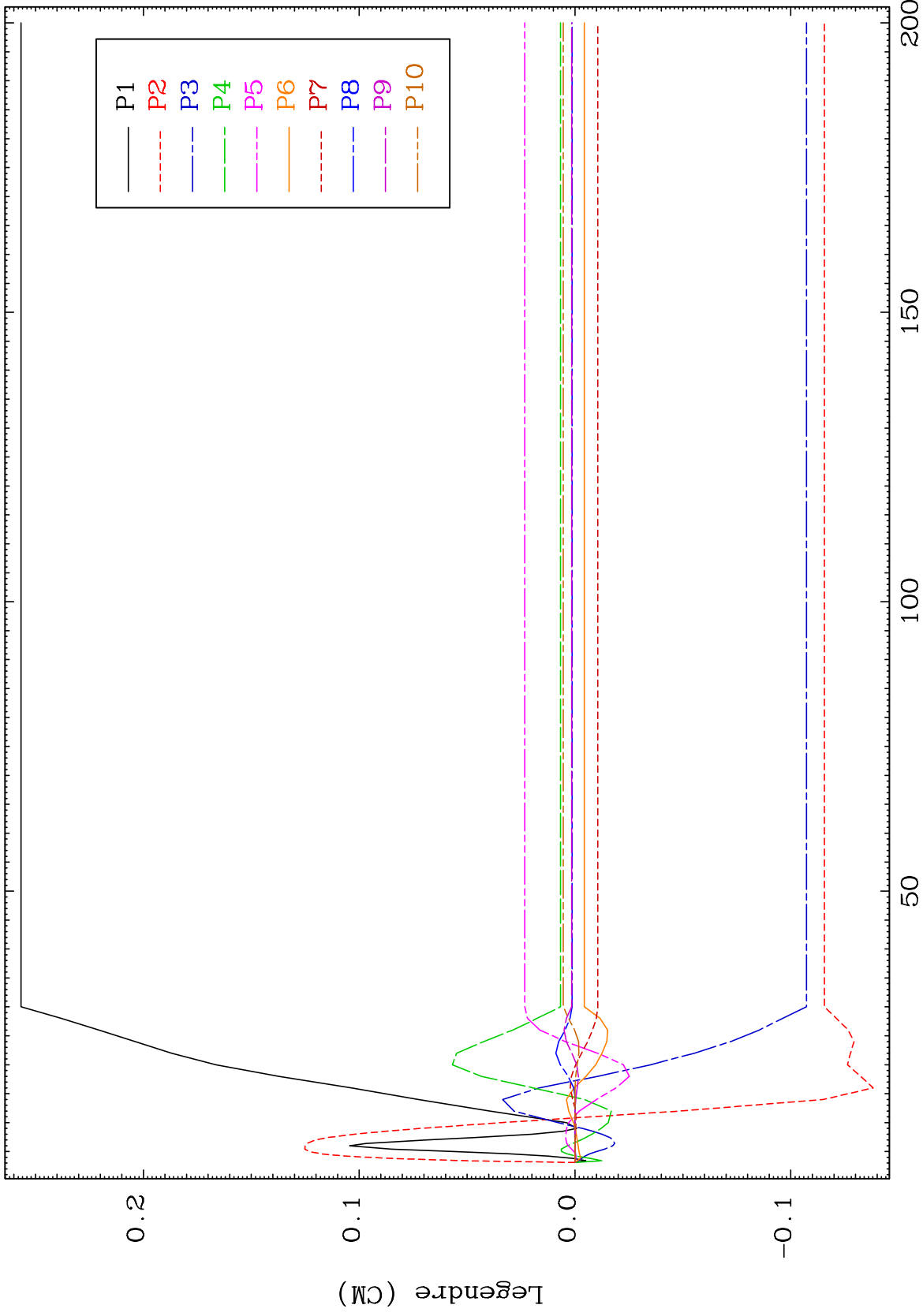


41

Incident Energy (MeV)

72-Hf-158

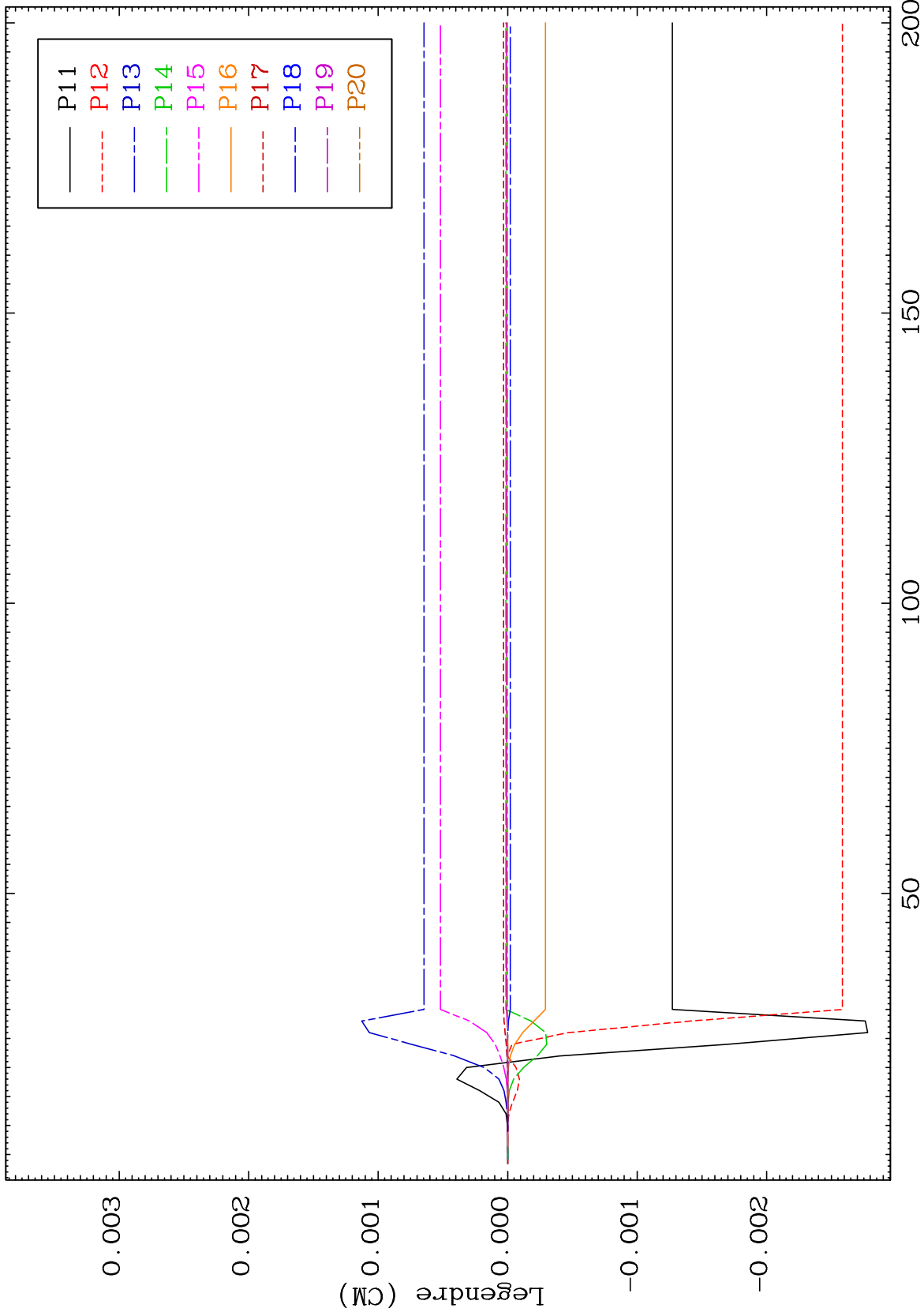




MAT 7177

MT= 57 (n,n') Level
Legendre Coefficients

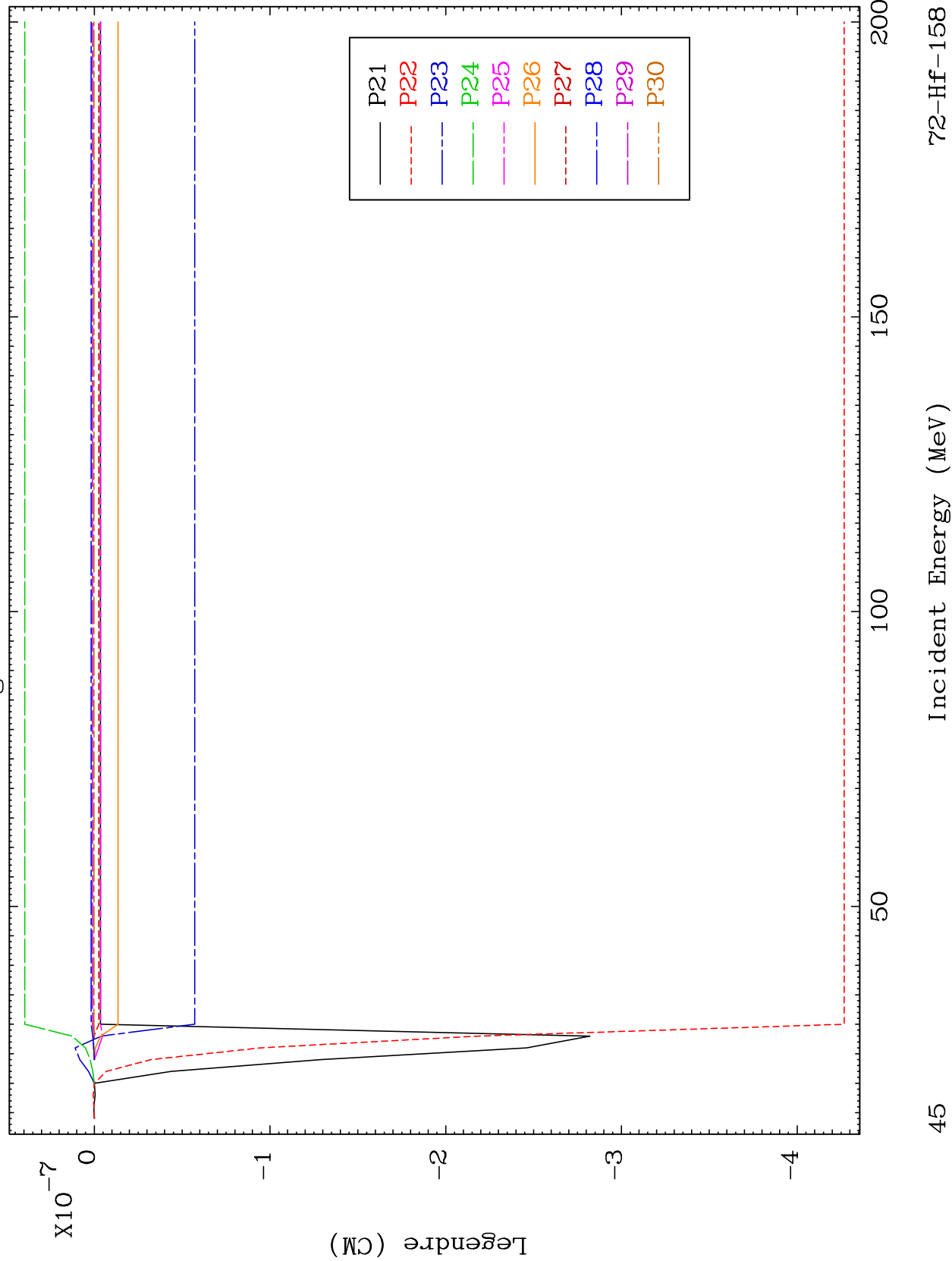
72-Hf-158



MAT 7177

MT= 57 (n,n') Level
Legendre Coefficients

72-Hf-158



45

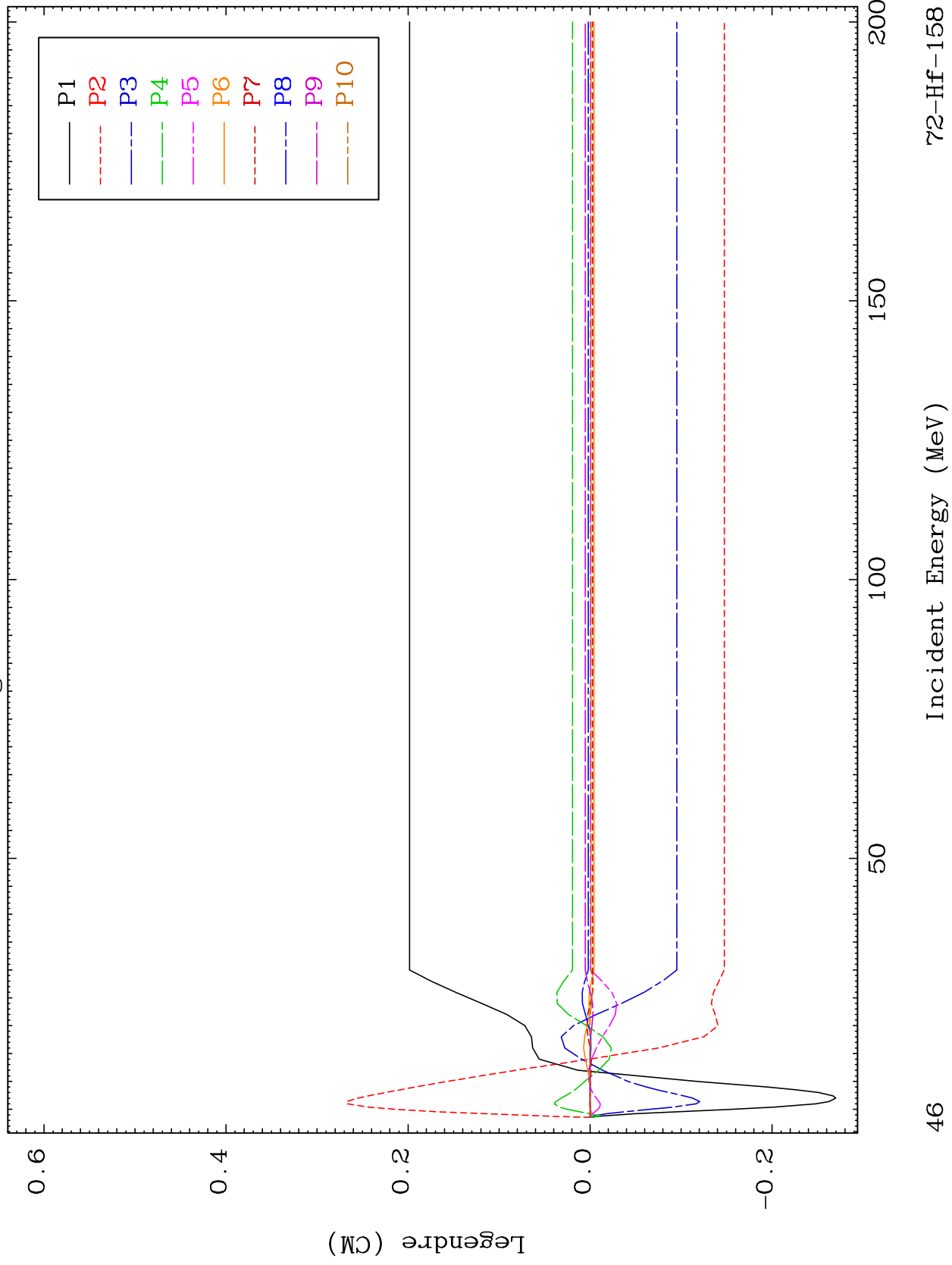
Incident Energy (MeV)

72-Hf-158

MAT 7177

MT= 58 (n,n') Level
Legendre Coefficients

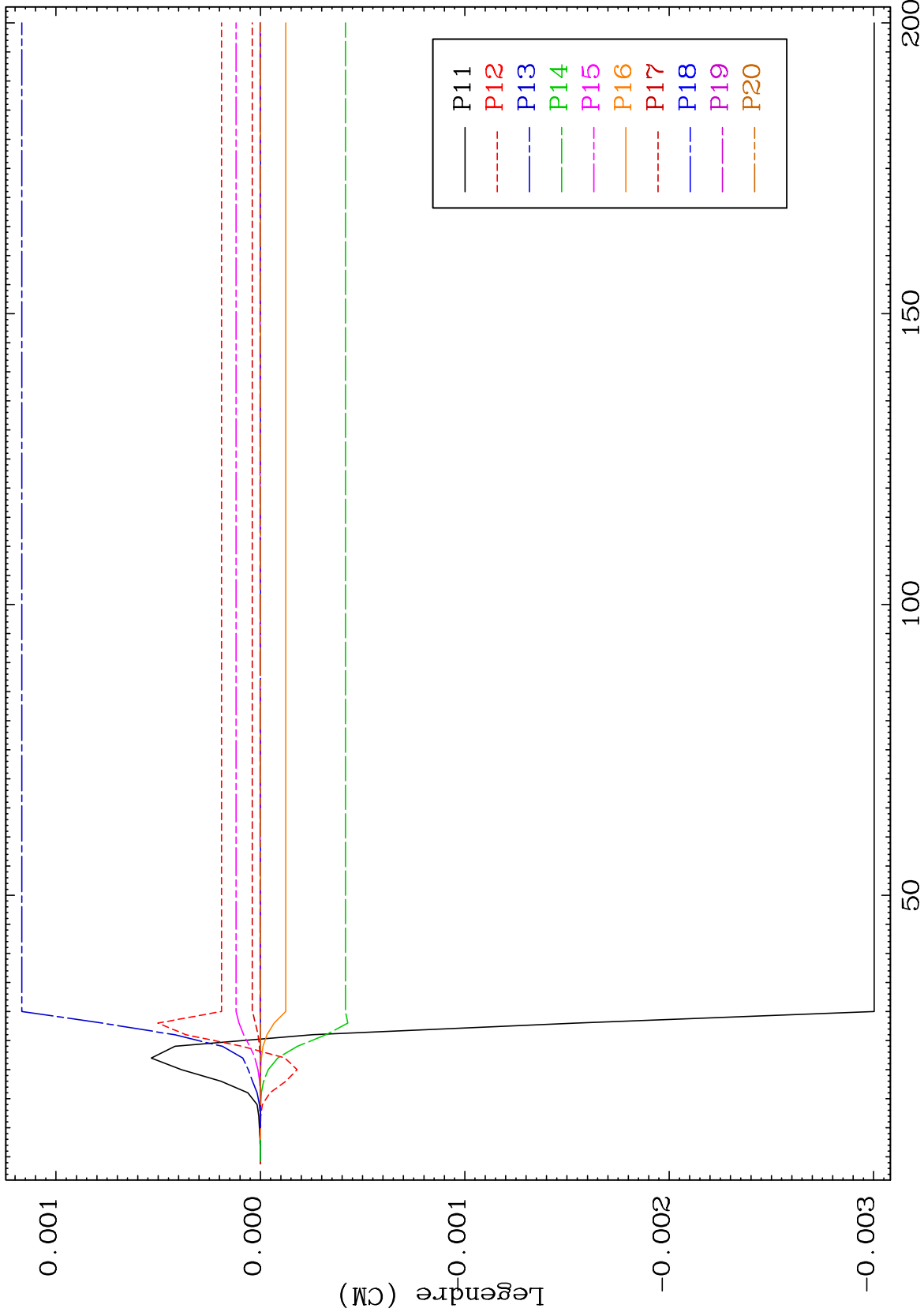
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46

Incident Energy (MeV)

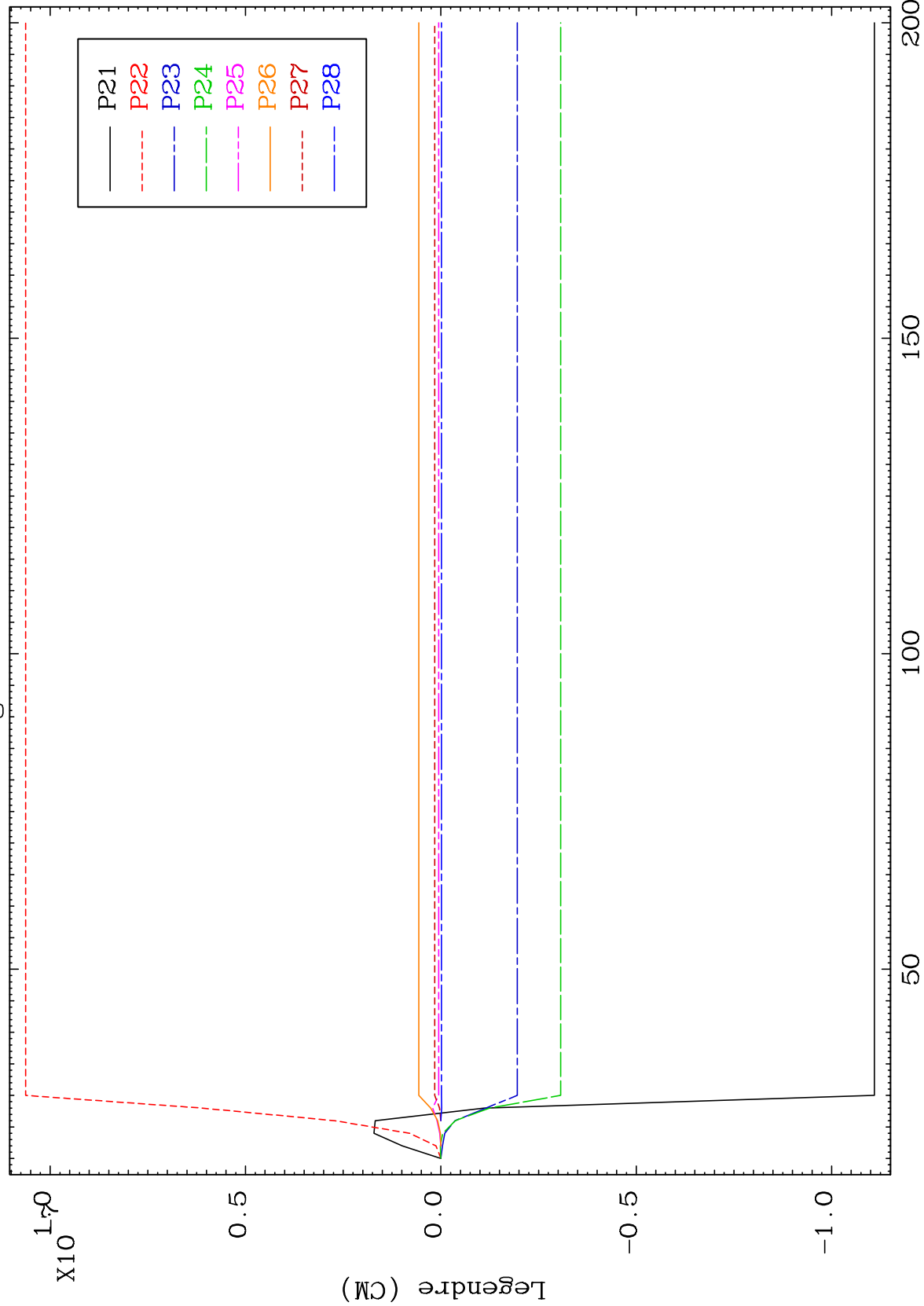
72-Hf-158



MAT 7177

MT= 58 (n,n') Level
Legendre Coefficients

72-Hf-158



48

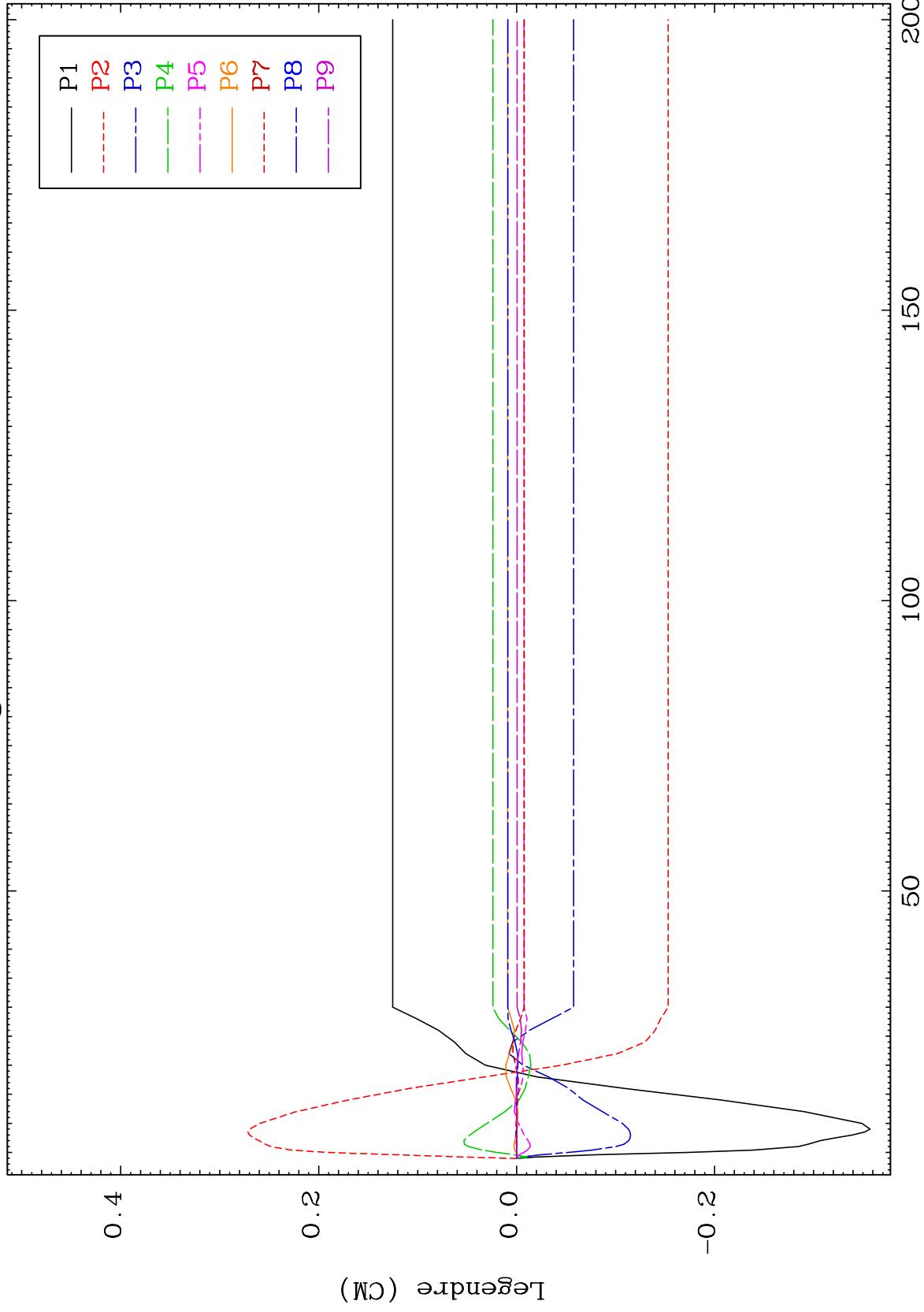
Incident Energy (MeV)

72-Hf-158

MAT 7177

MT= 59 (n,n') Level
Legendre Coefficients

72-Hf-158



49

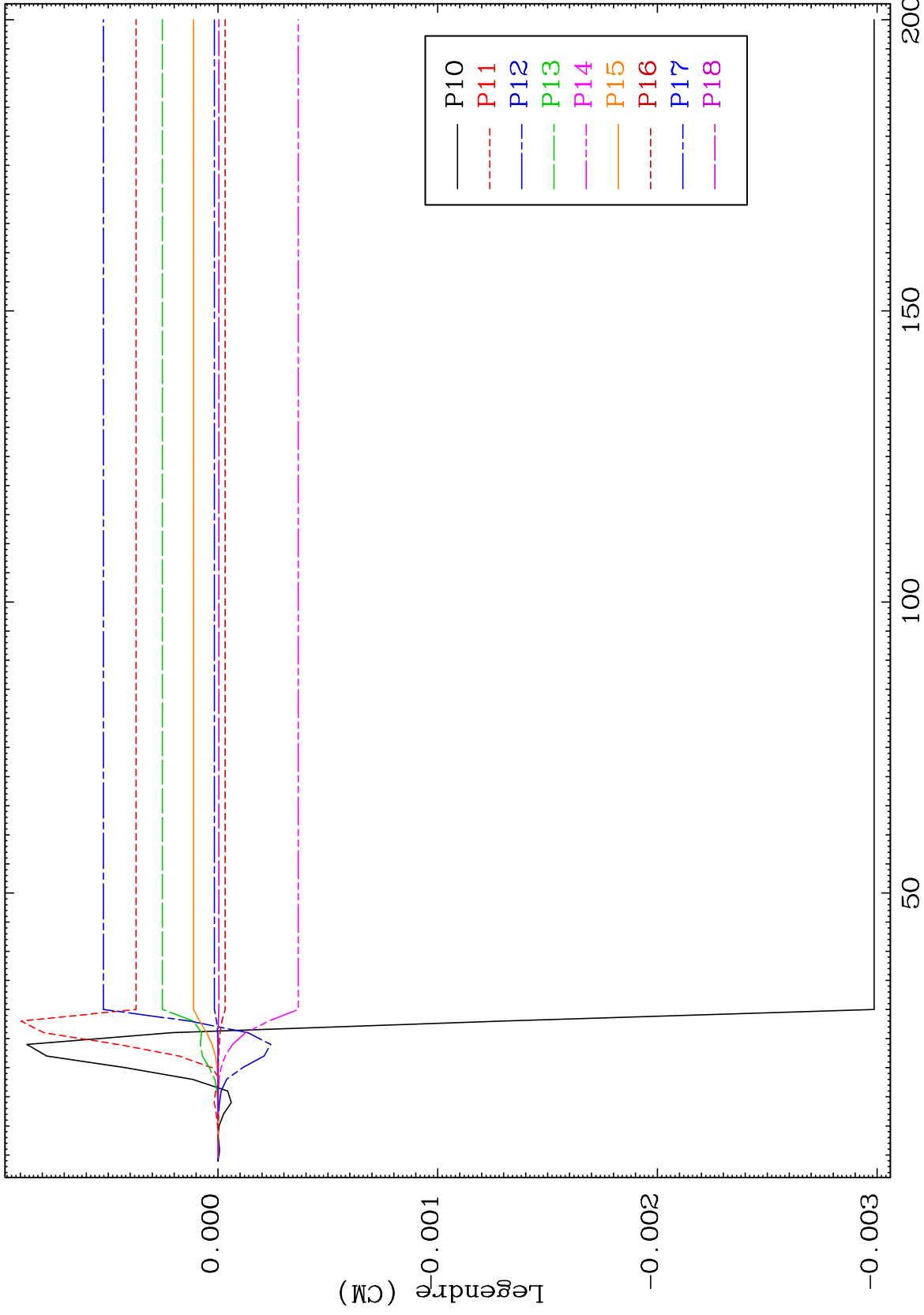
Incident Energy (MeV)

72-Hf-158

MAT 7177

MT= 59 (n,n') Level
Legendre Coefficients

72-Hf-158



50

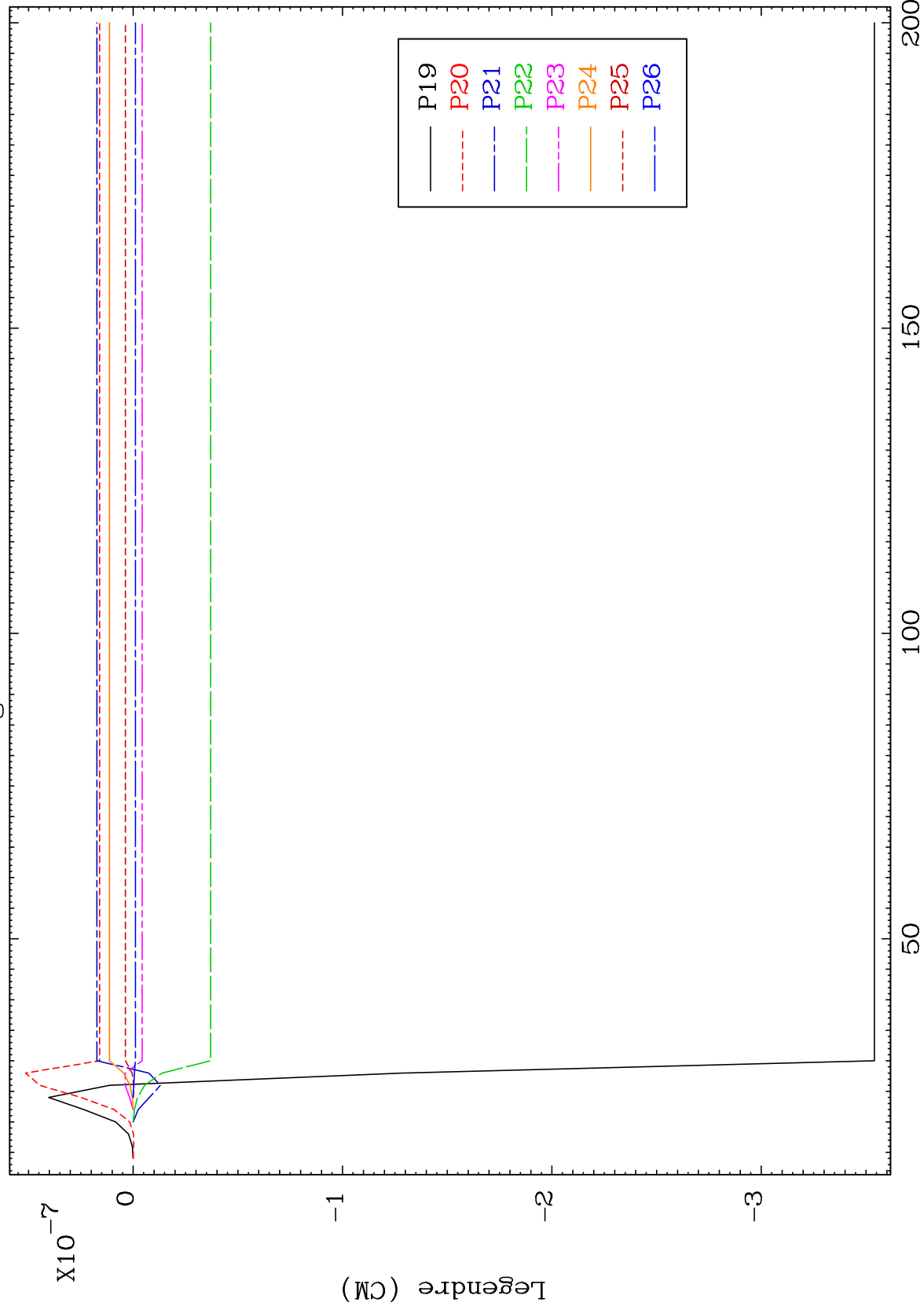
Incident Energy (MeV)

72-Hf-158

MAT 7177

MT= 59 (n,n') Level
Legendre Coefficients

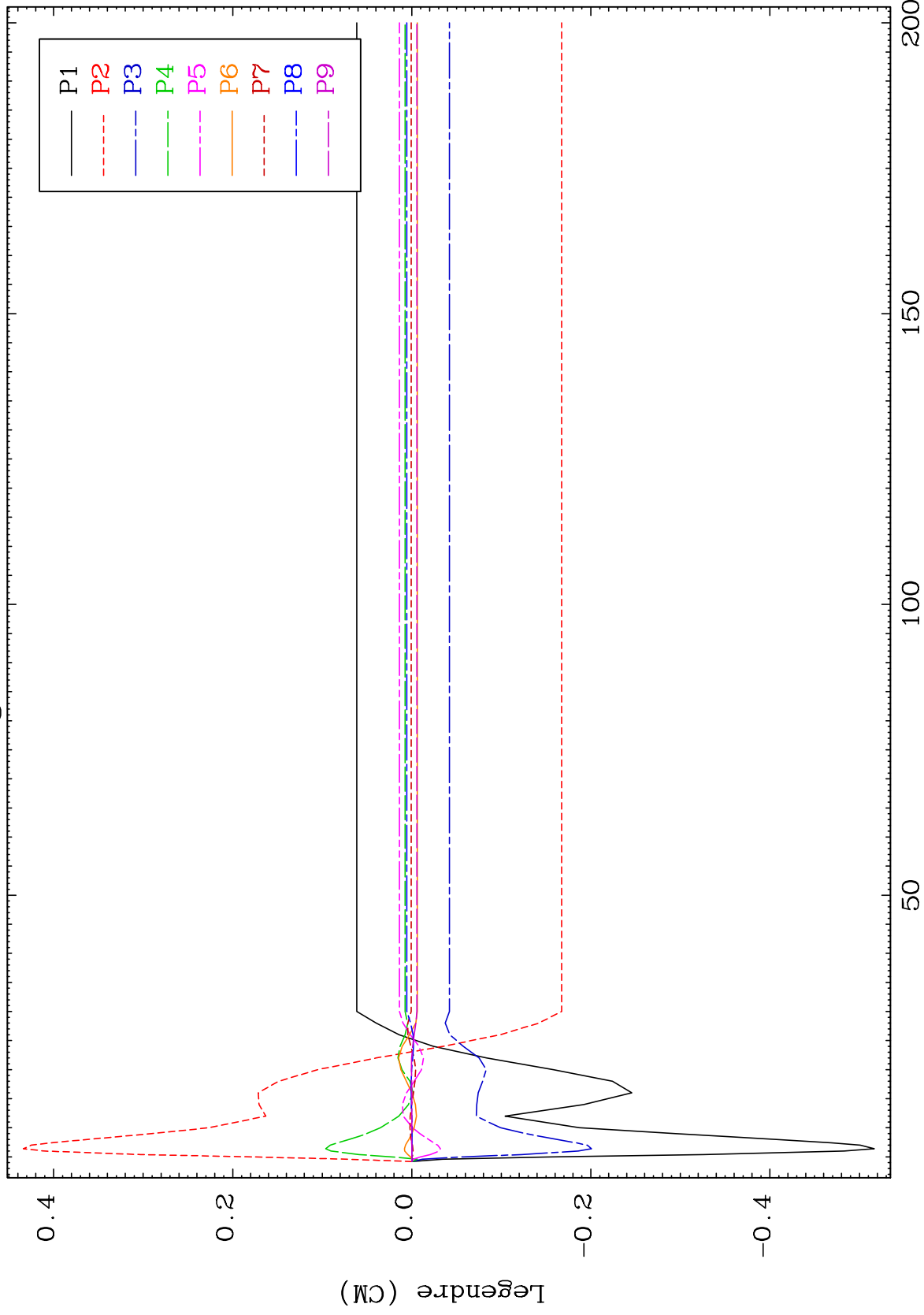
72-Hf-158



MAT 7177

MT= 60 (n,n') Level
Legendre Coefficients

72-Hf-158



52

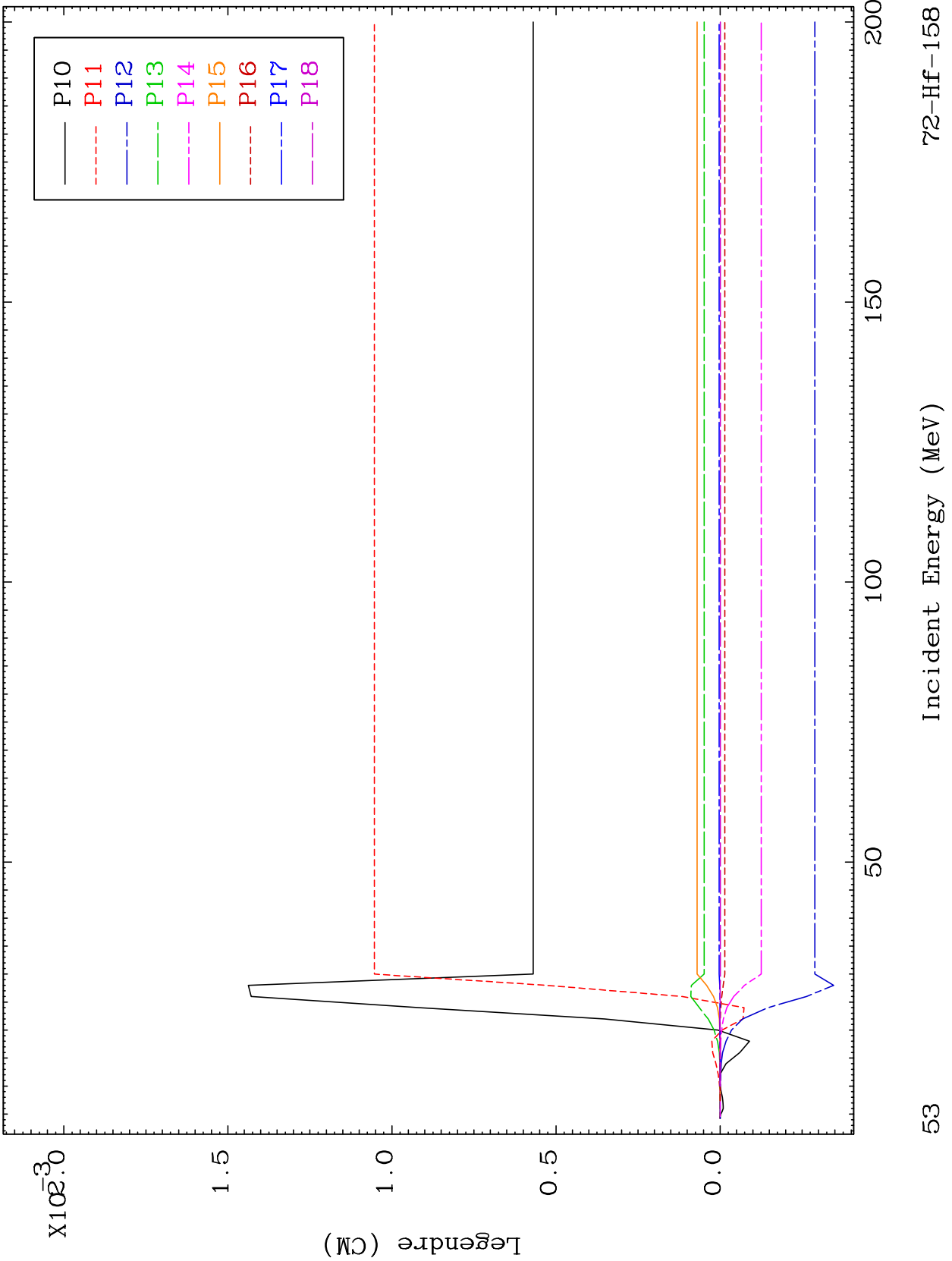
Incident Energy (MeV)

72-Hf-158

MAT 7177

MT= 60 (n,n') Level
Legendre Coefficients

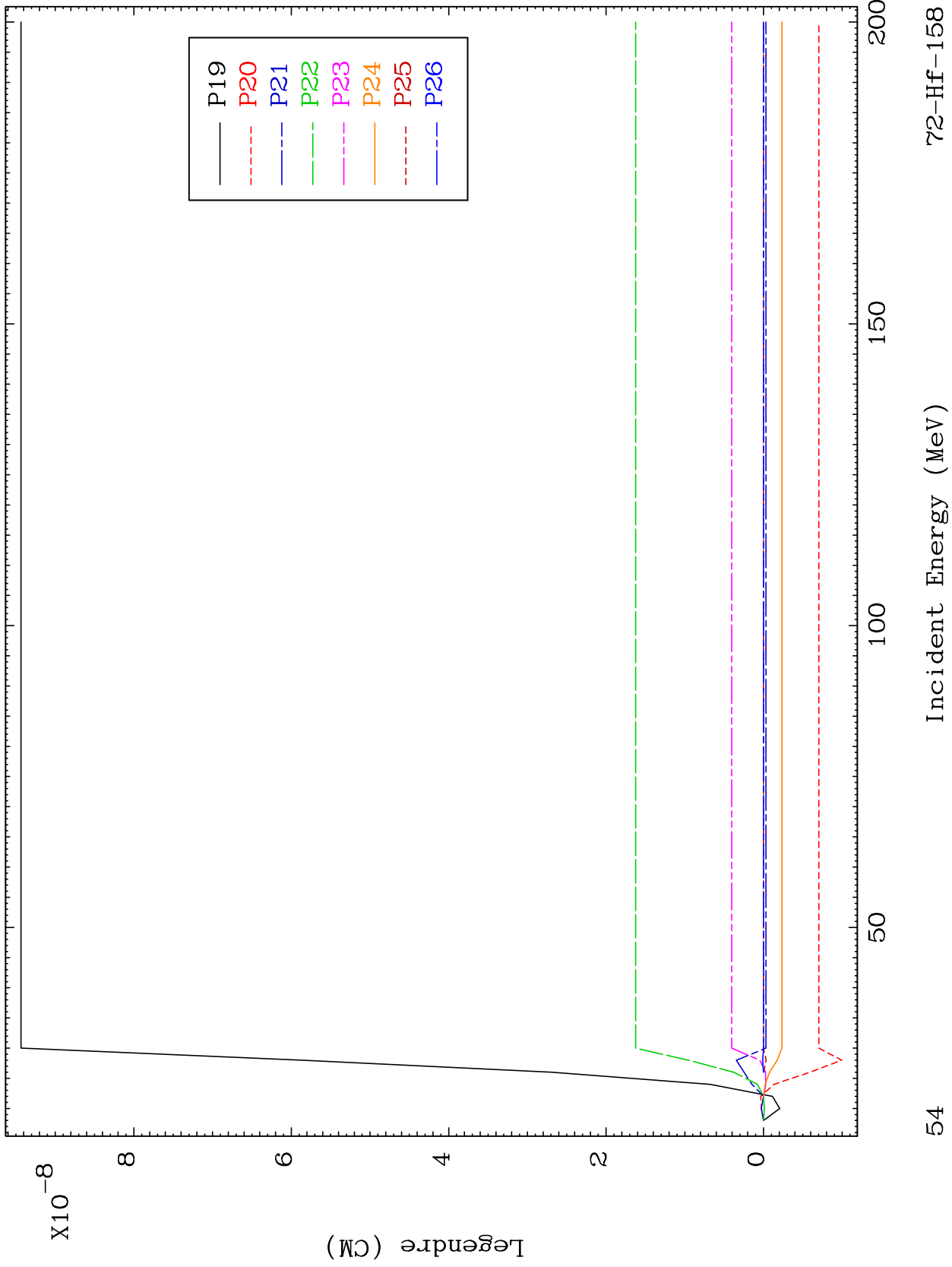
72-Hf-158



MAT 7177

MT= 60 (n,n') Level
Legendre Coefficients

72-Hf-158



54

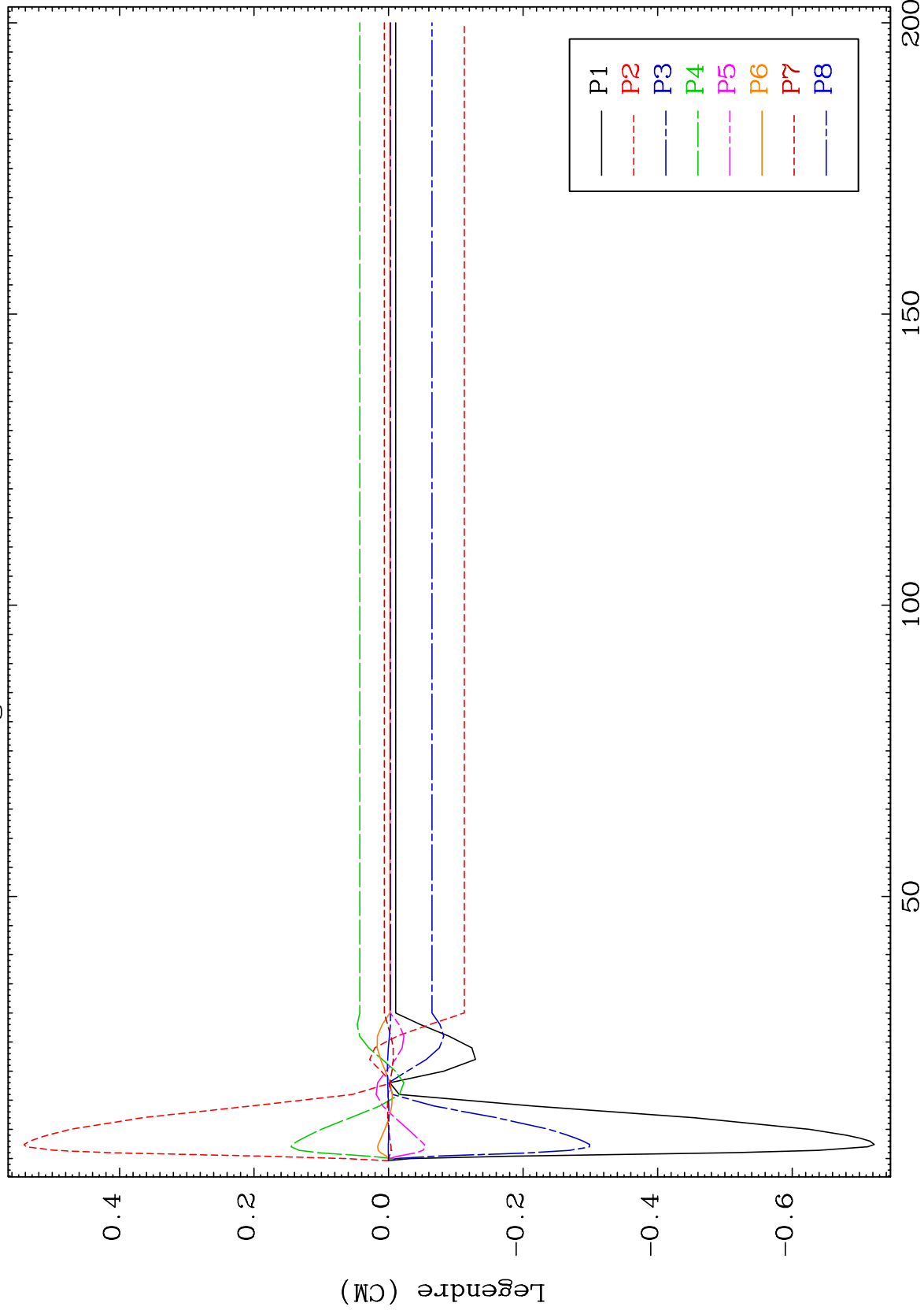
Incident Energy (MeV)

72-Hf-158

MAT 7177

MT= 61 (n,n') Level
Legendre Coefficients

72-Hf-158



55

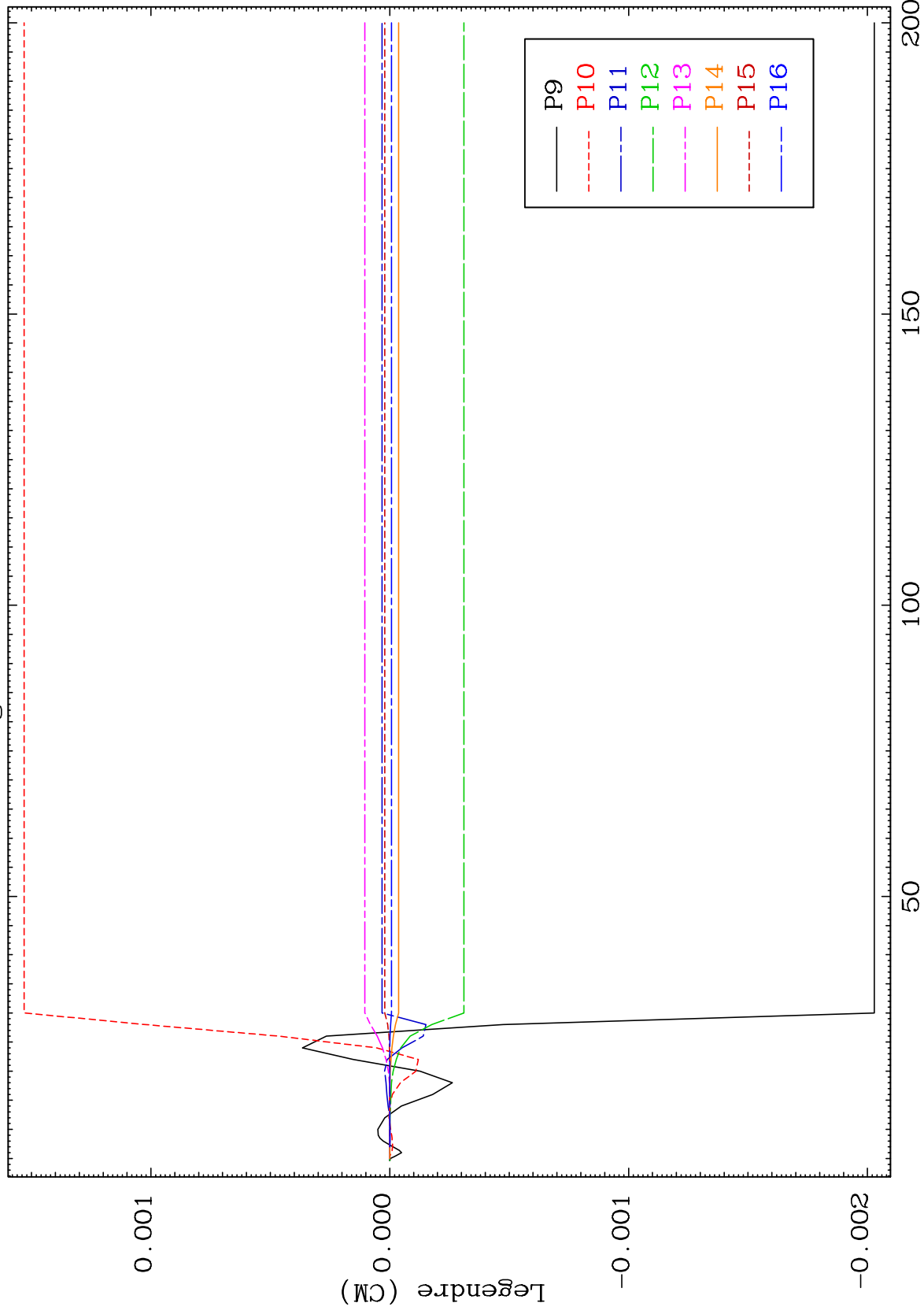
Incident Energy (MeV)

72-Hf-158

MAT 7177

MT= 61 (n,n') Level
Legendre Coefficients

72-Hf-158



56

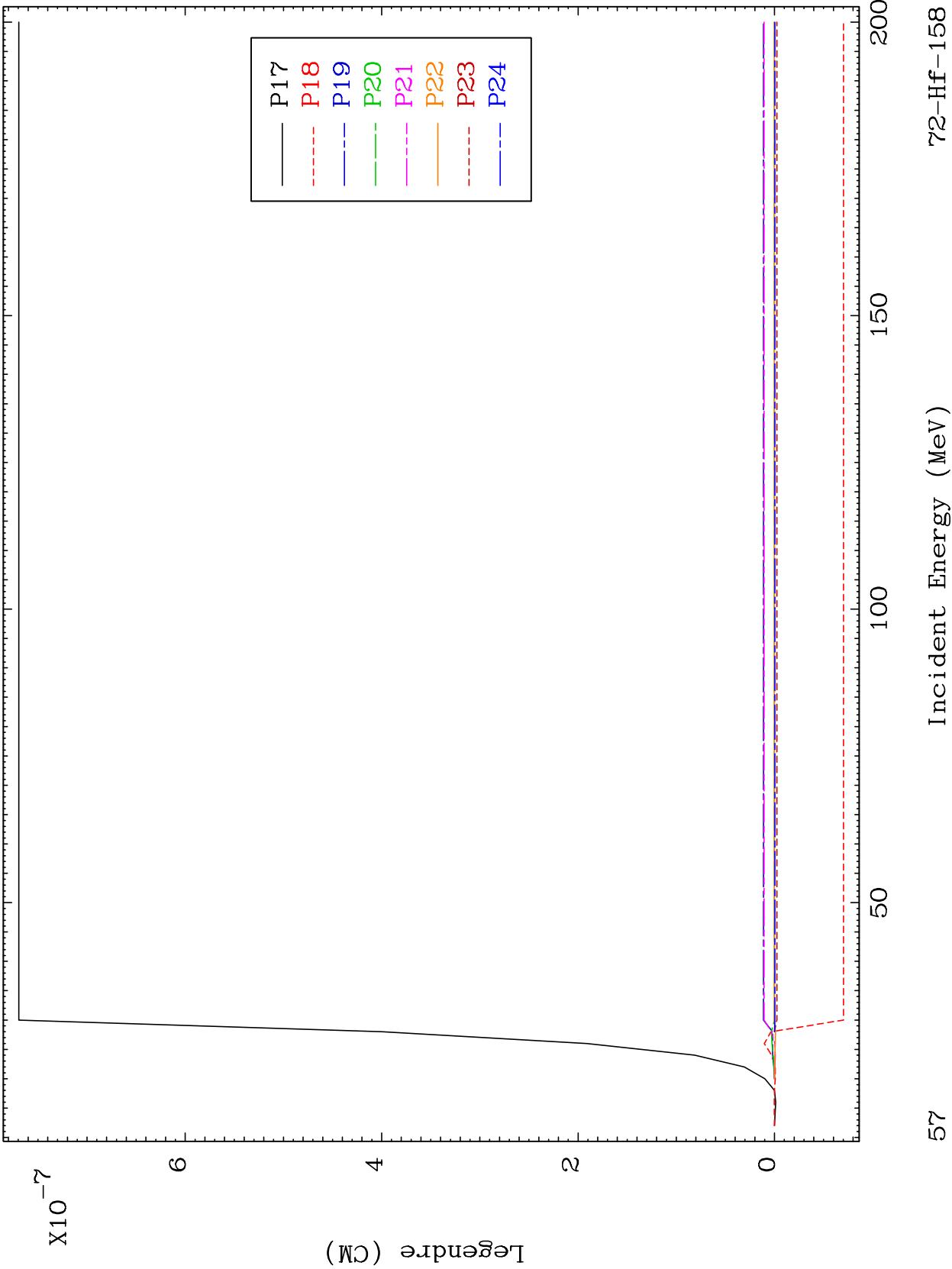
Incident Energy (MeV)

72-Hf-158

MAT 7177

MT= 61 (n,n') Level
Legendre Coefficients

72-Hf-158



57

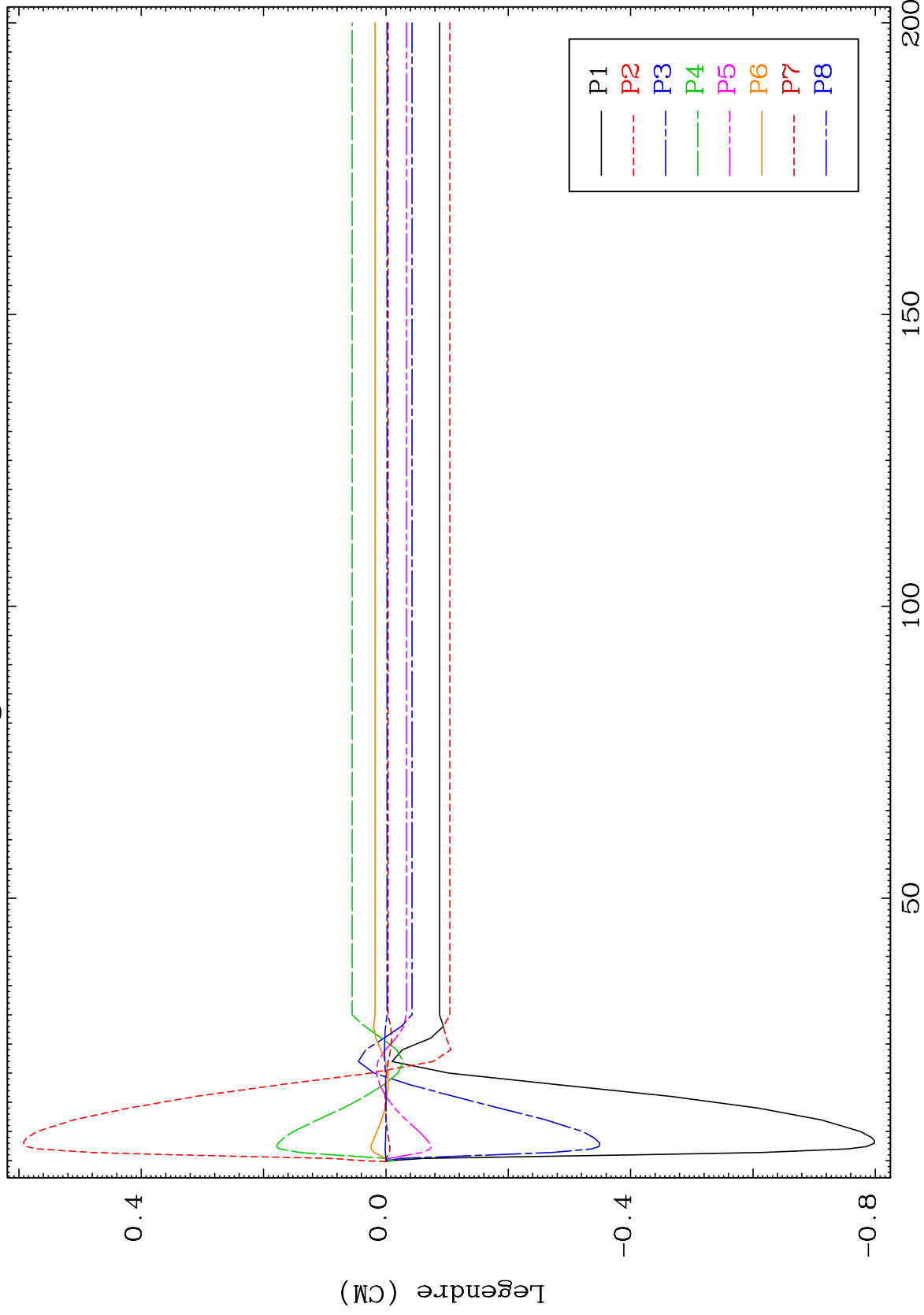
Incident Energy (MeV)

72-Hf-158

MAT 7177

MT= 62 (n,n') Level
Legendre Coefficients

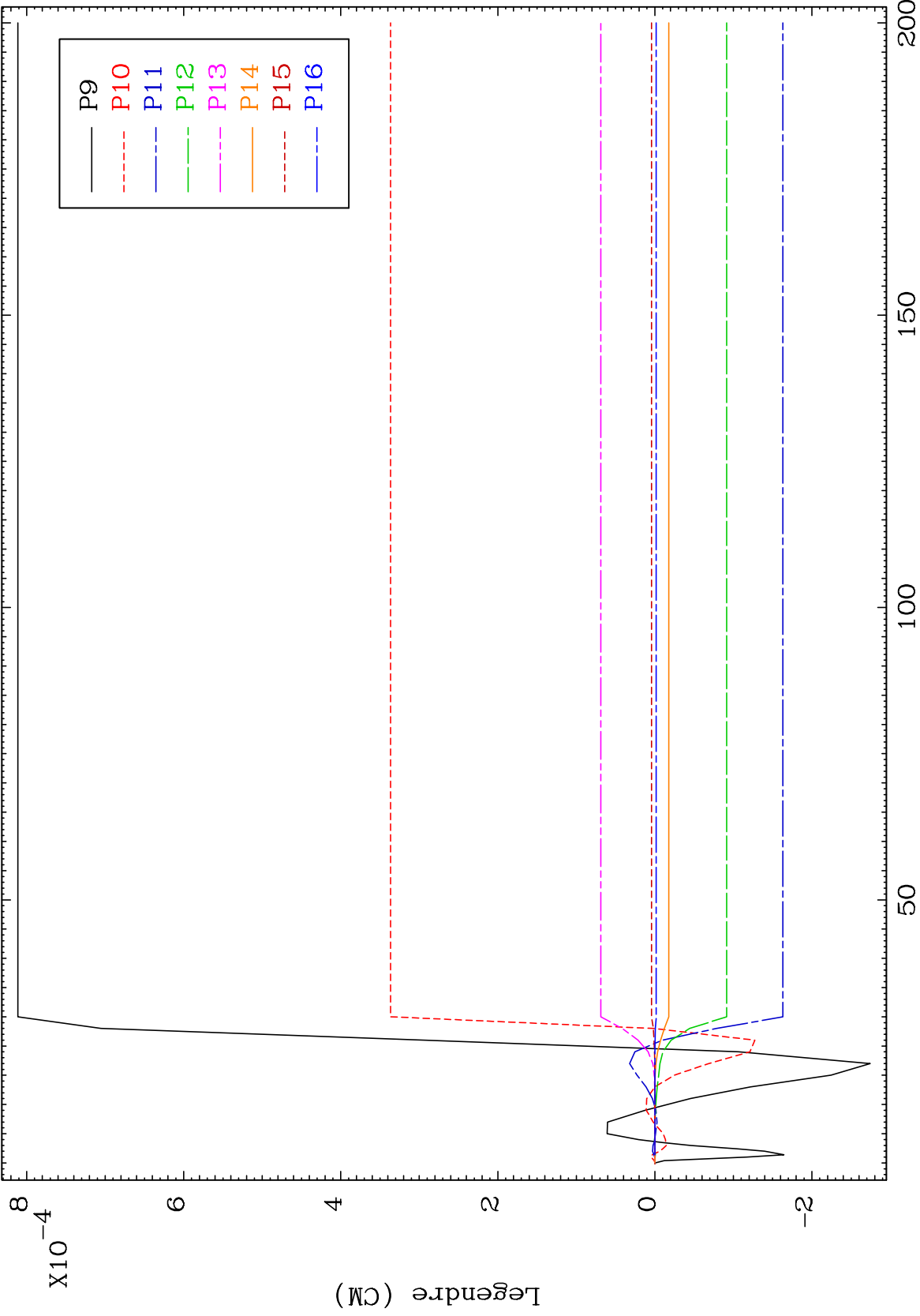
72-Hf-158



58

Incident Energy (MeV)

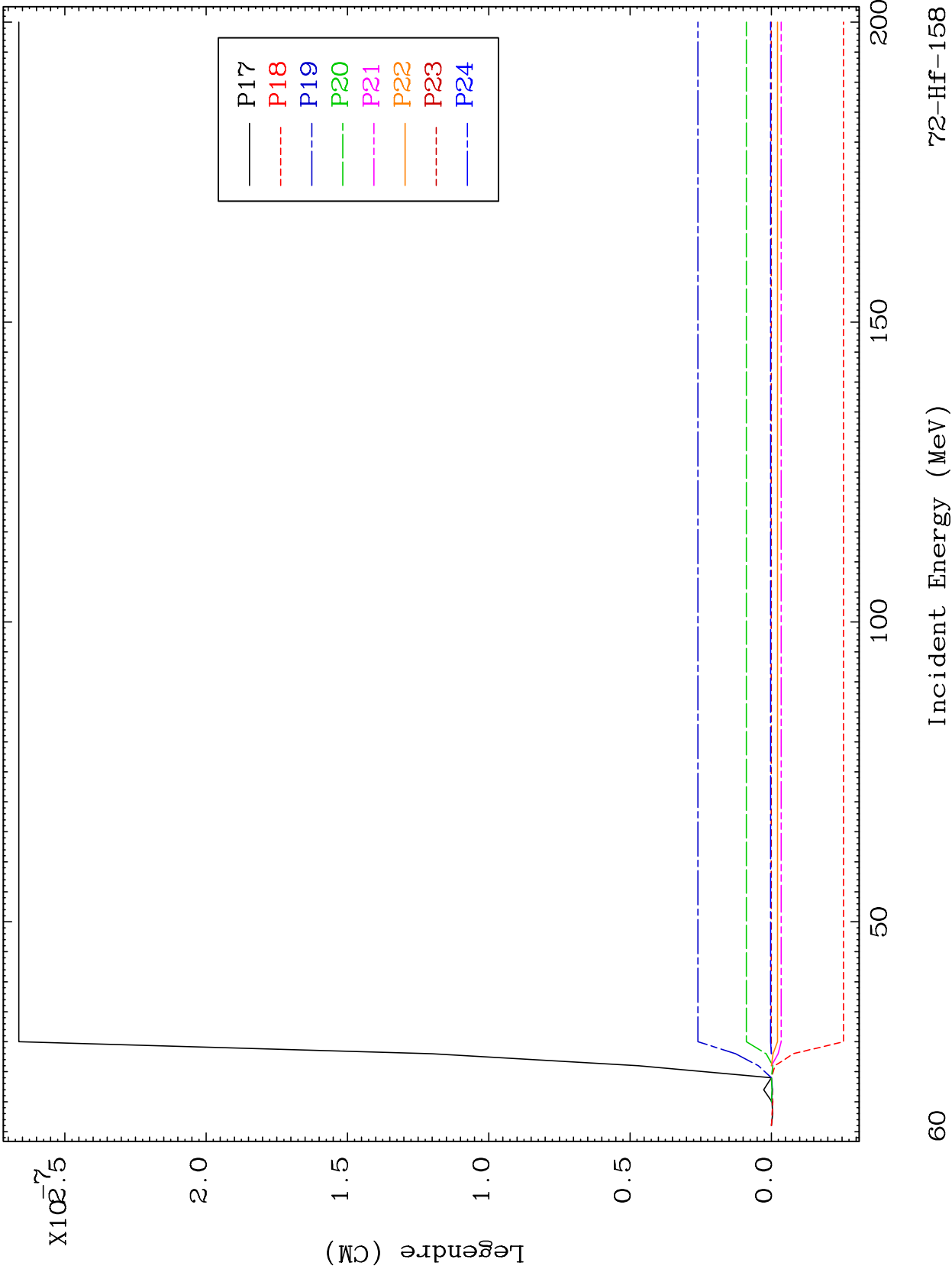
72-Hf-158



MAT 7177

MT= 62 (n,n') Level
Legendre Coefficients

72-Hf-158



72-Hf-158

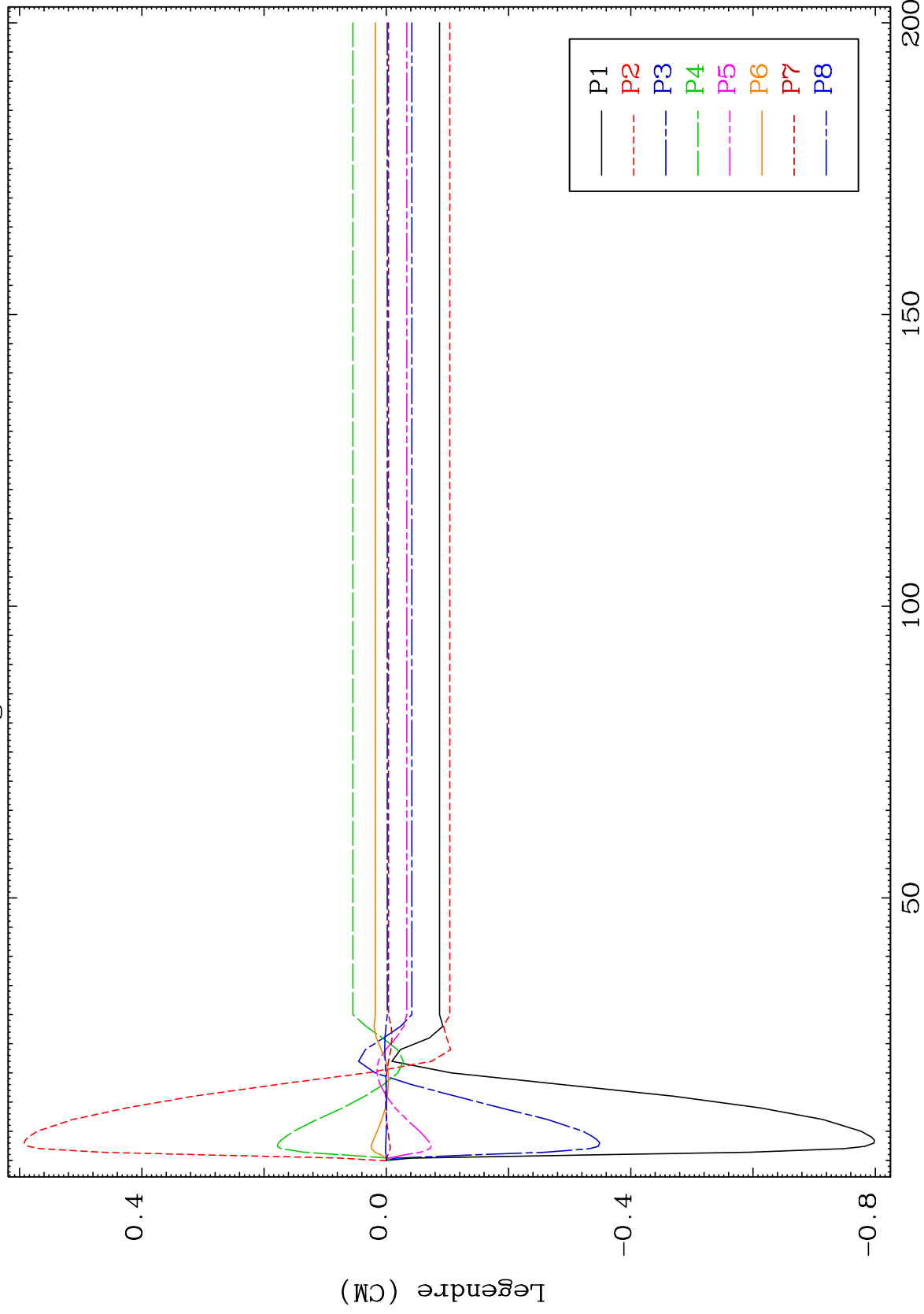
Incident Energy (MeV)

60

MAT 7177

MT= 63 (n,n') Level
Legendre Coefficients

72-Hf-158



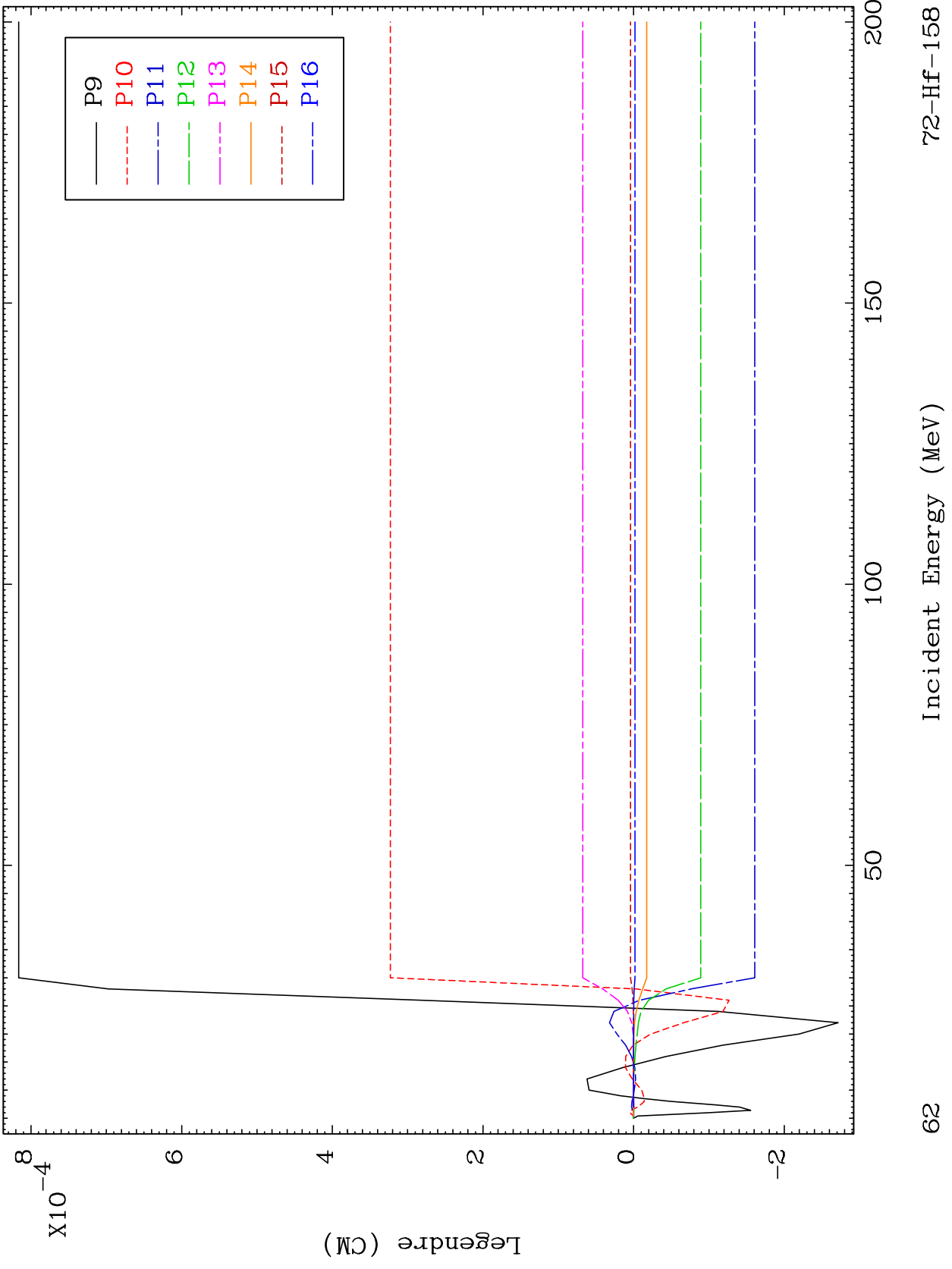
61

72-Hf-158

MAT 7177

MT= 63 (n,n') Level
Legendre Coefficients

72-Hf-158



62

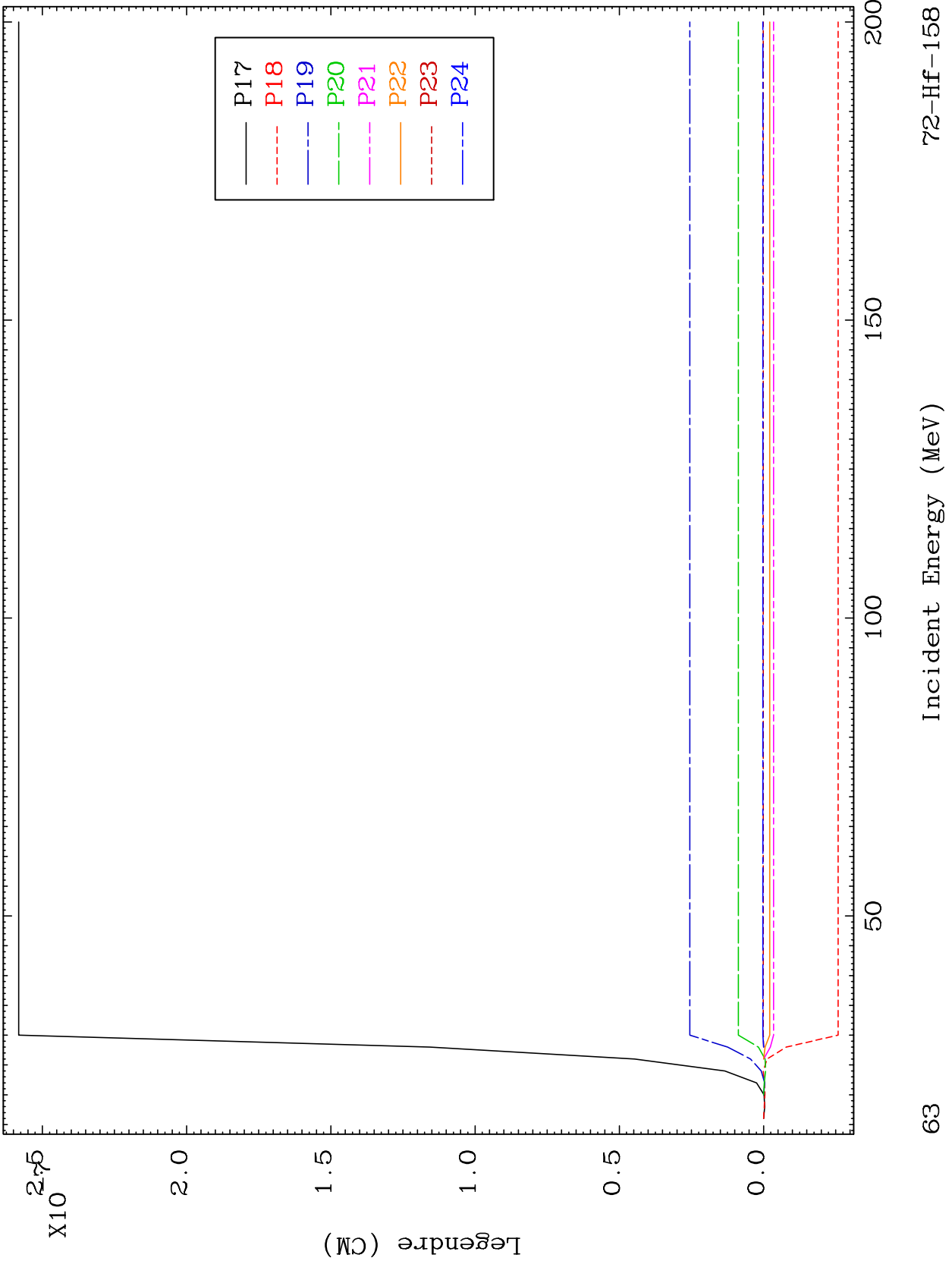
Incident Energy (MeV)

72-Hf-158

MAT 7177

MT= 63 (n,n') Level
Legendre Coefficients

72-Hf-158



63

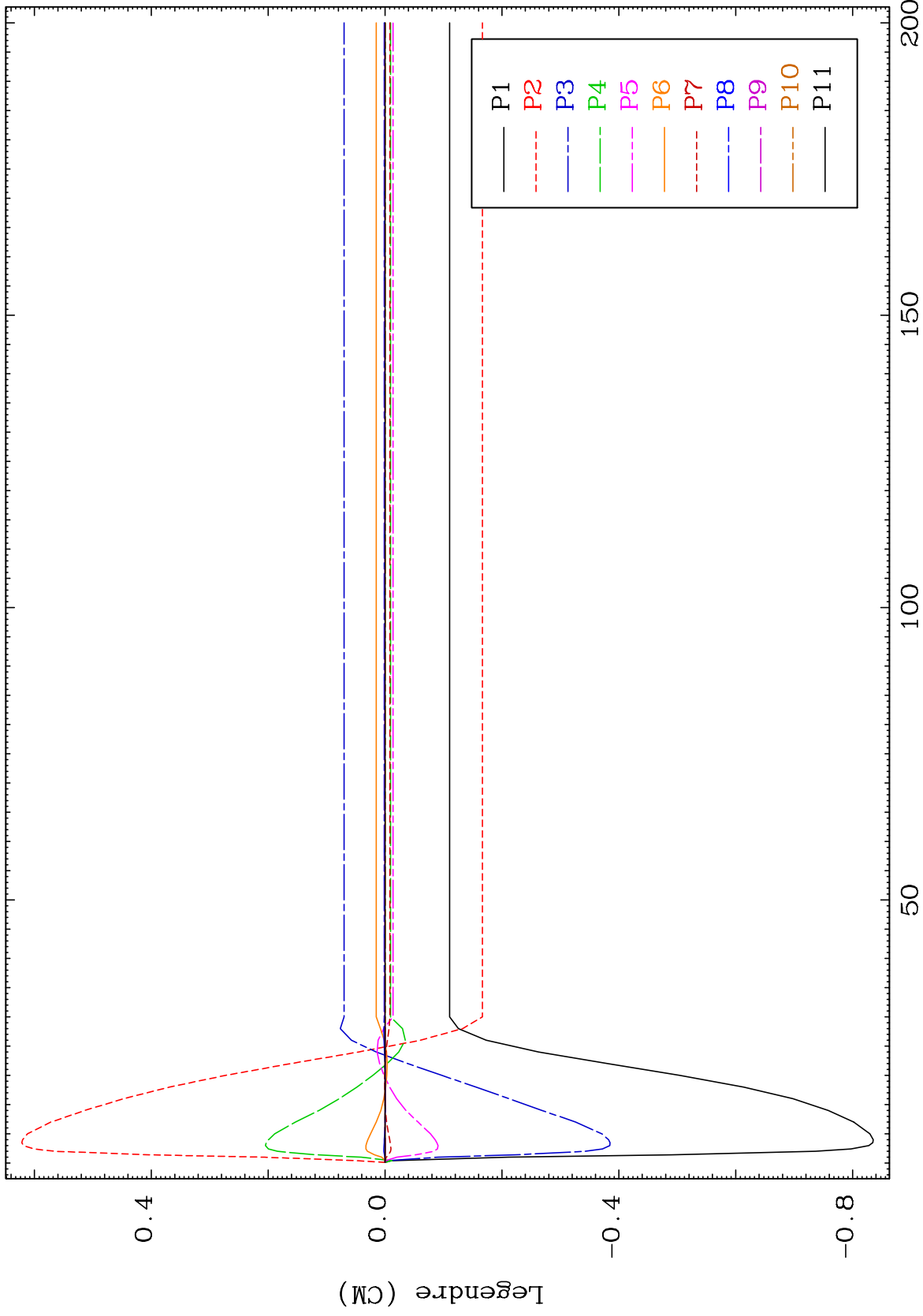
Incident Energy (MeV)

72-Hf-158

MAT 7177

MT= 64 (n,n') Level
Legendre Coefficients

72-Hf-158



64

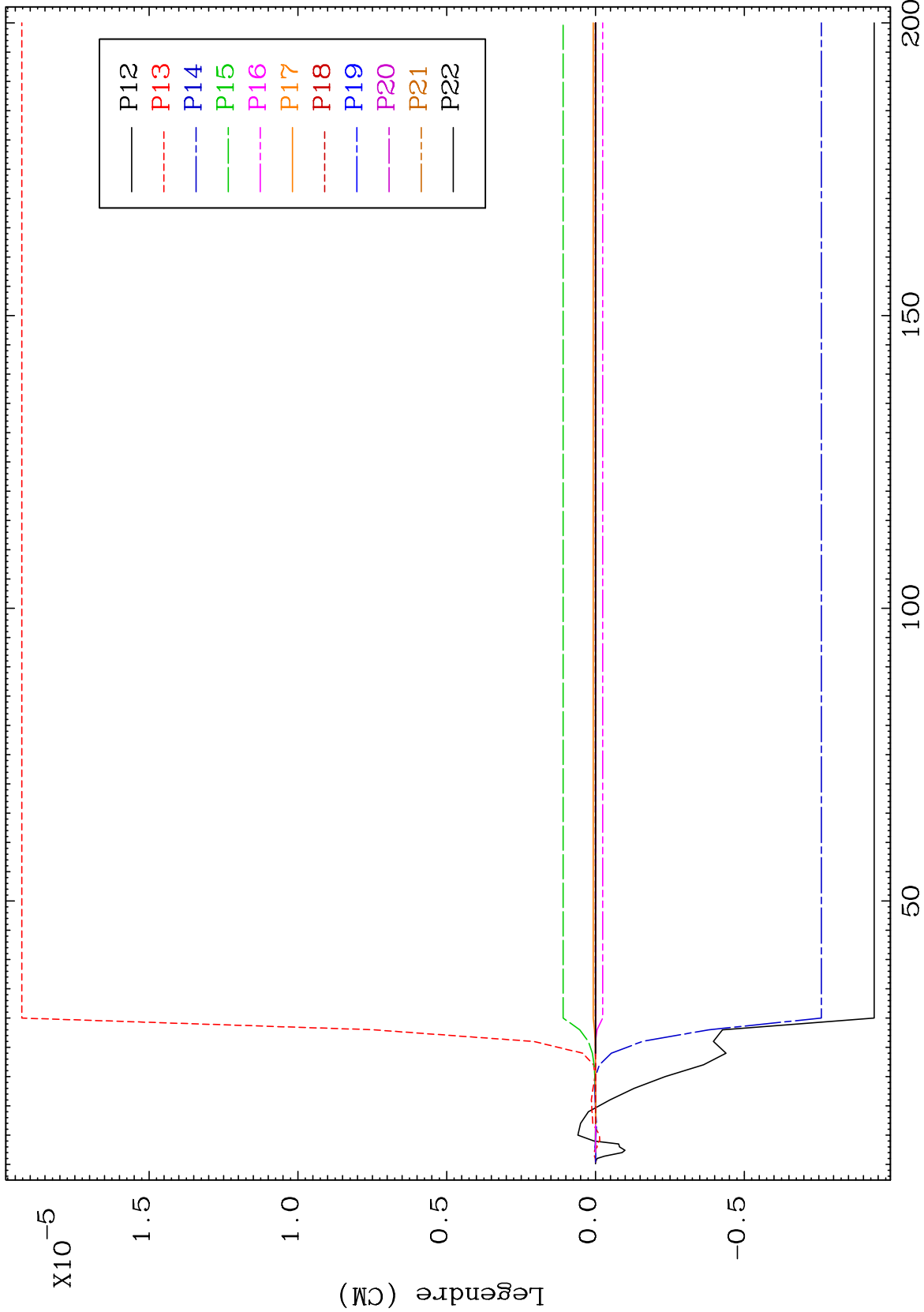
Incident Energy (MeV)

72-Hf-158

MAT 7177

MT= 64 (n,n') Level
Legendre Coefficients

72-Hf-158



65

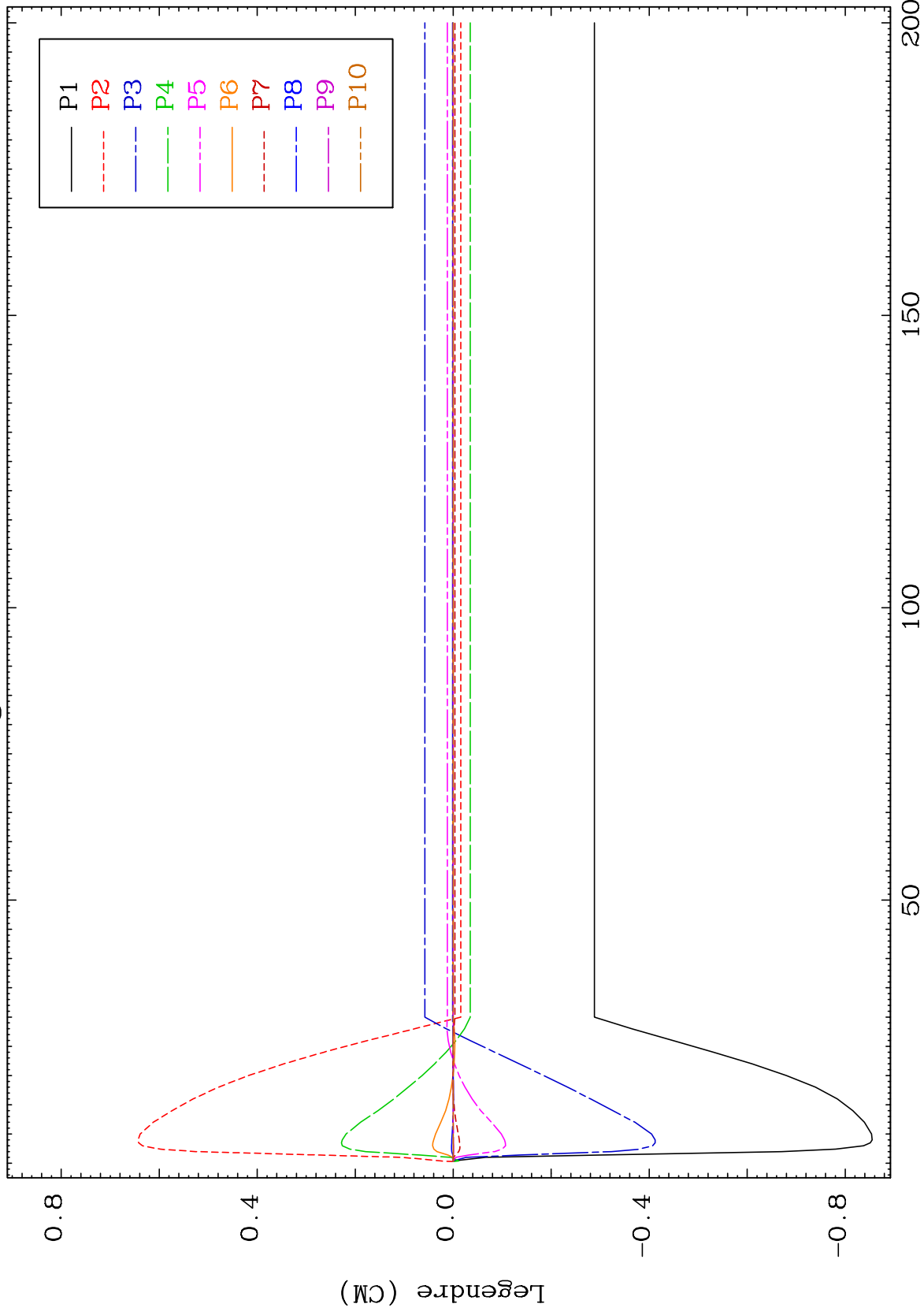
Incident Energy (MeV)

72-Hf-158

MAT 7177

MT= 65 (n,n') Level
Legendre Coefficients

72-Hf-158



66

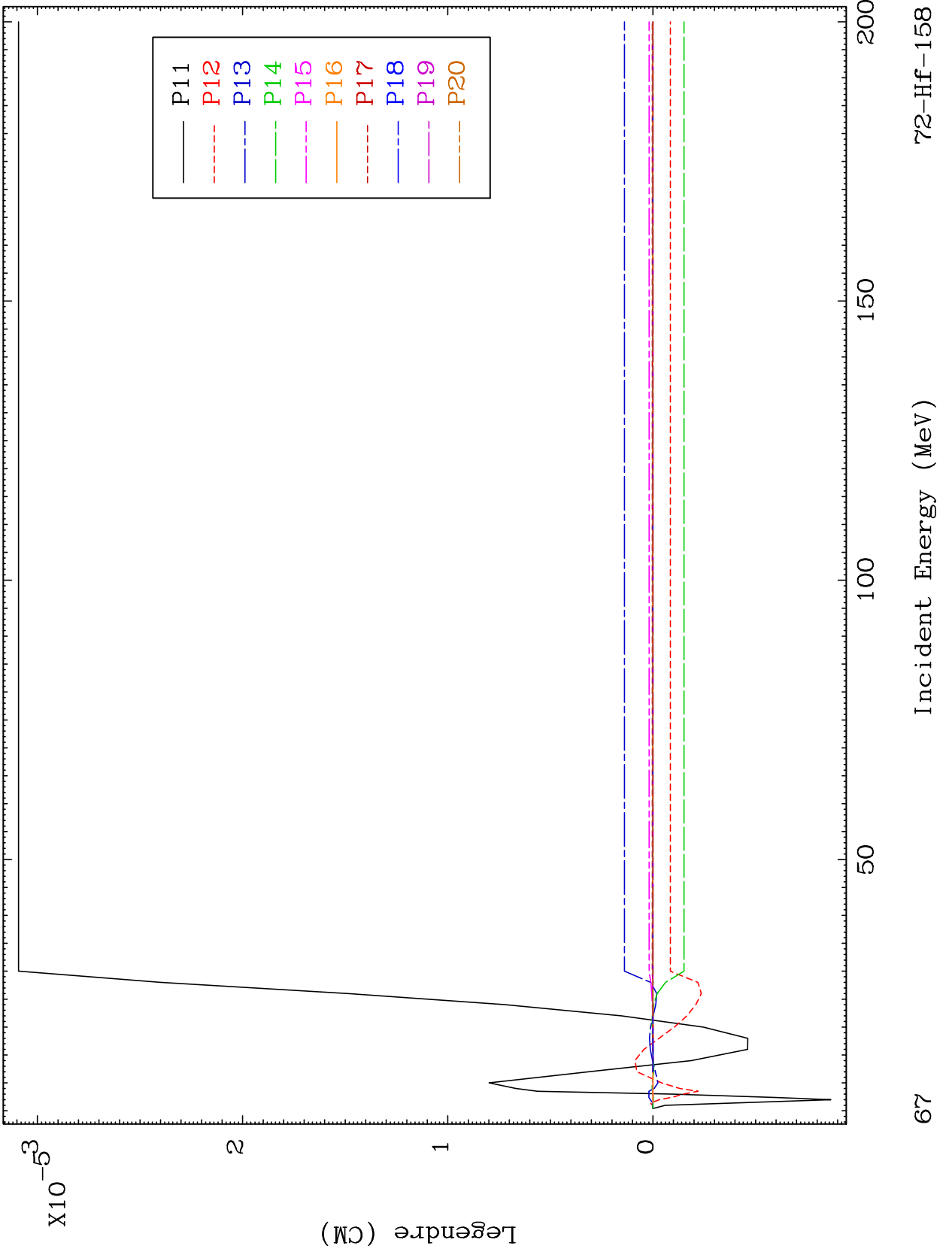
Incident Energy (MeV)

72-Hf-158

MAT 7177

MT= 65 (n,n') Level
Legendre Coefficients

72-Hf-158



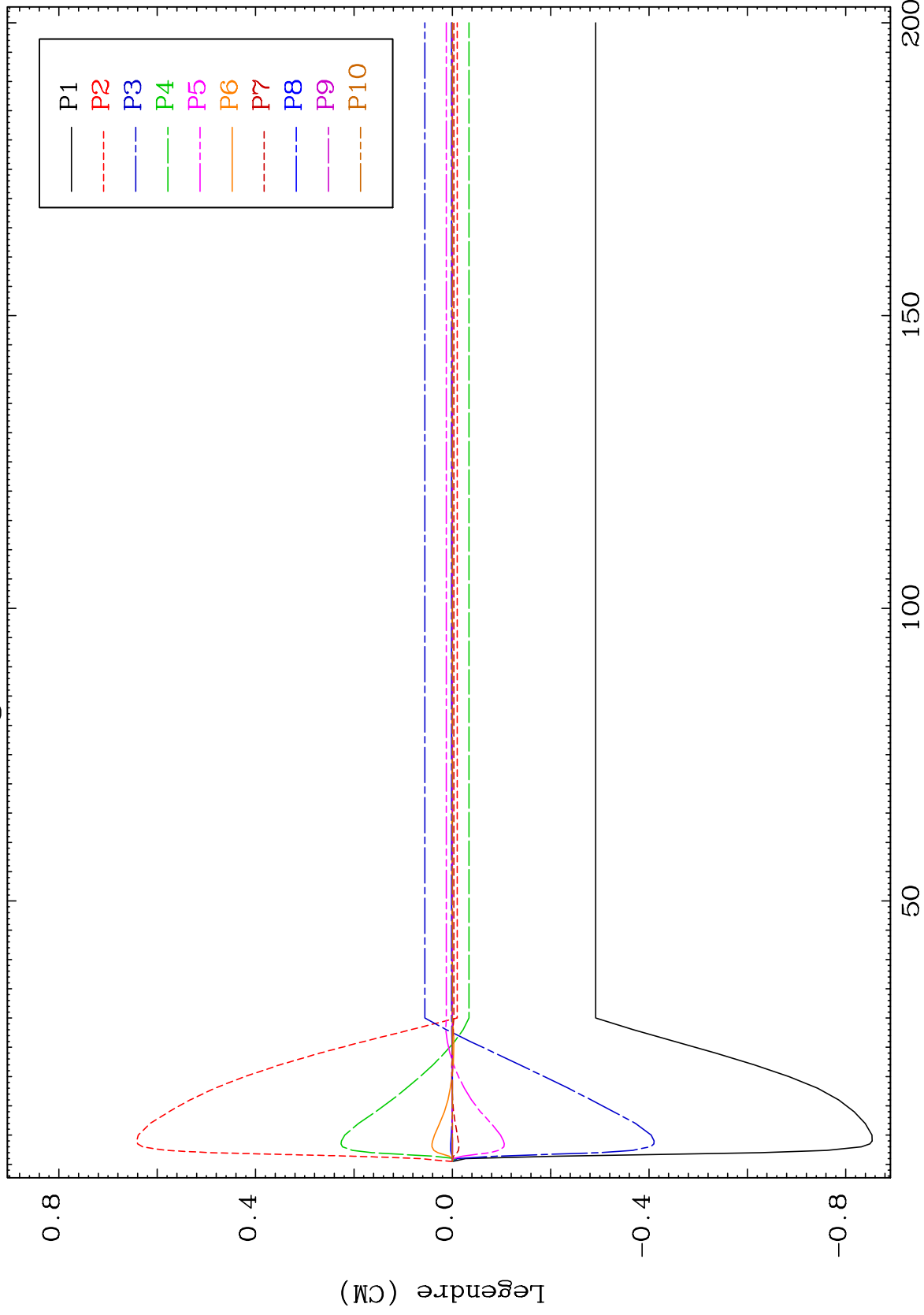
67

72-Hf-158

MAT 7177

MT= 66 (n,n') Level
Legendre Coefficients

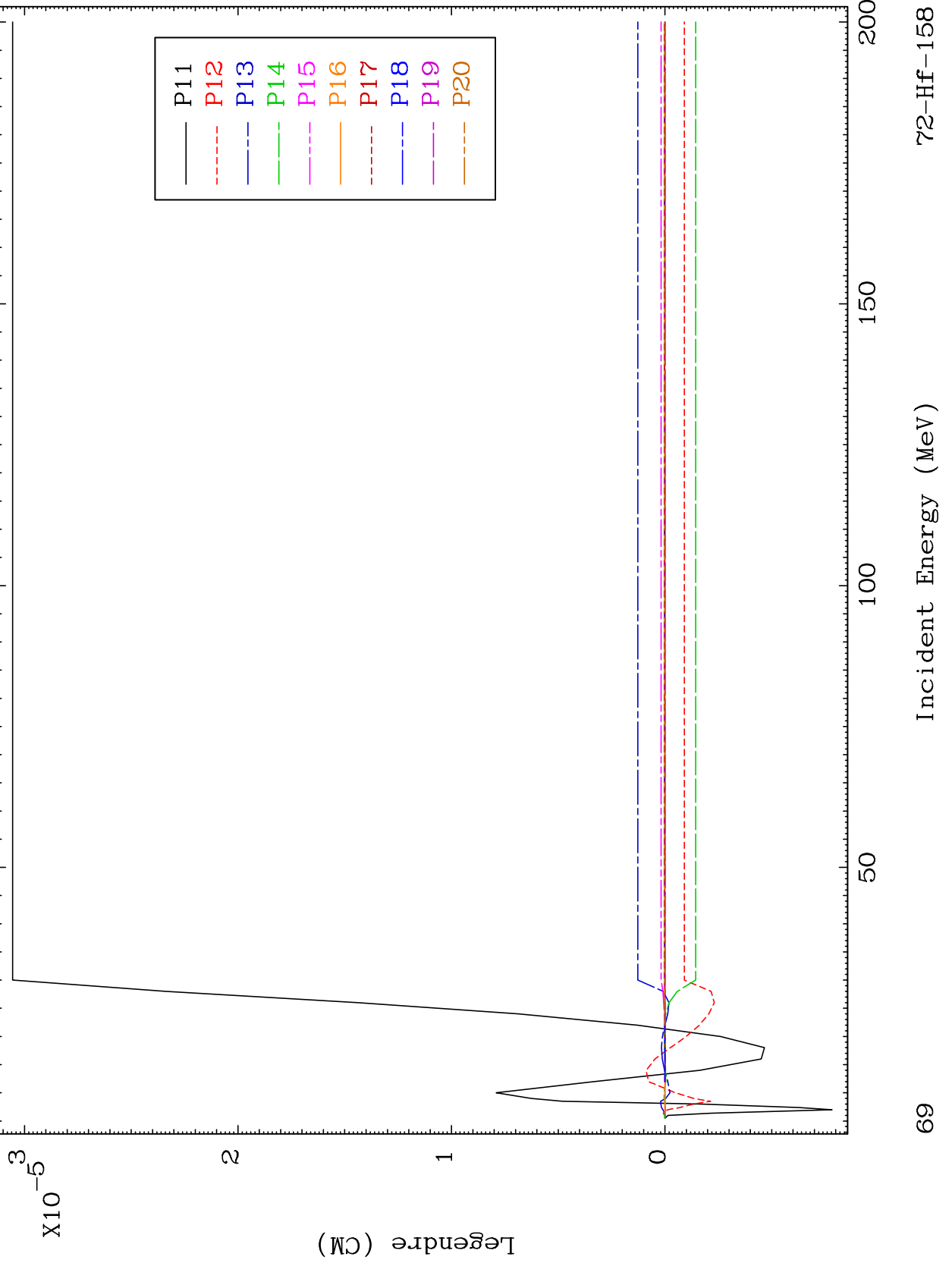
72-Hf-158



68

Incident Energy (MeV)

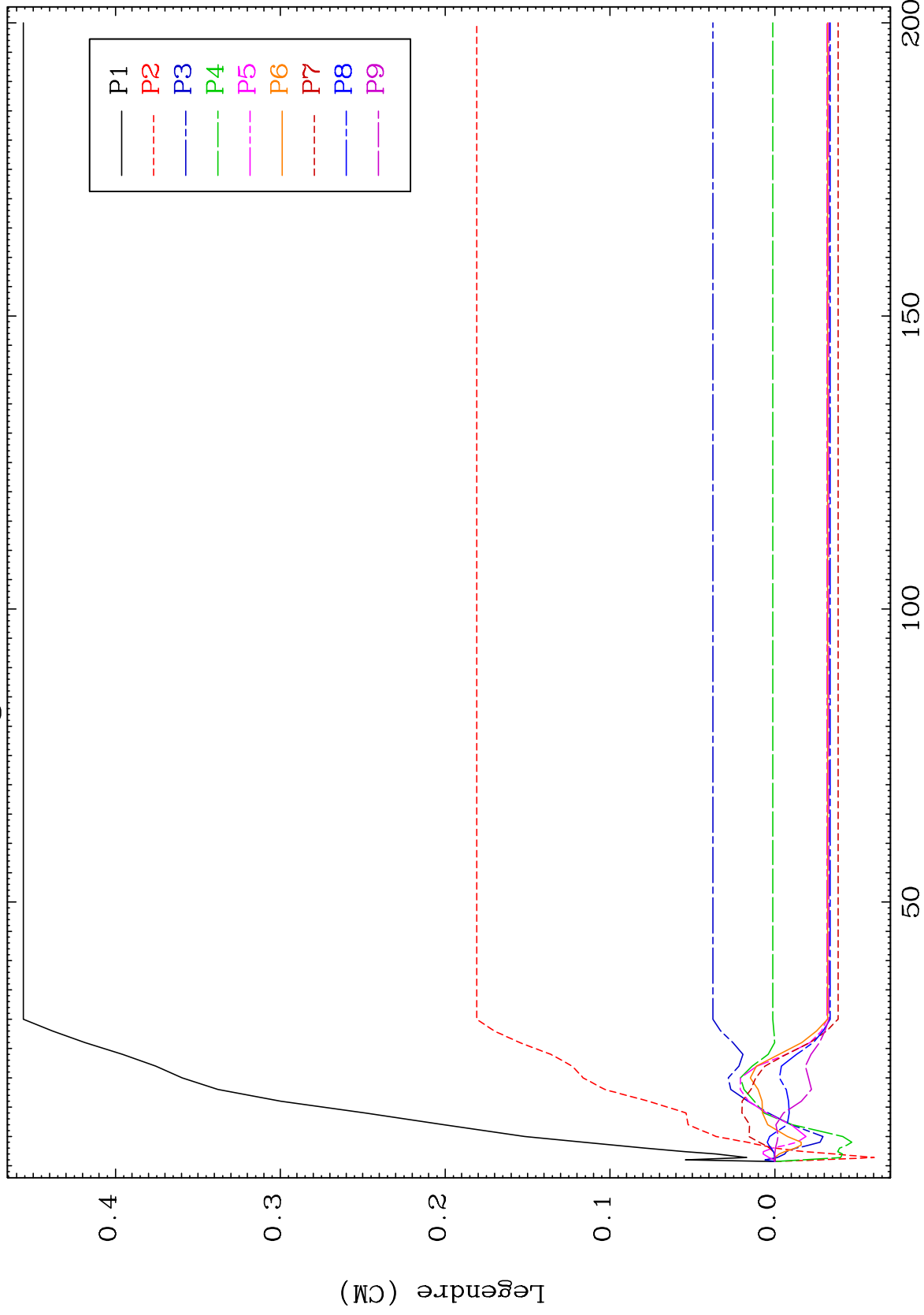
72-Hf-158



MAT 7177

MT= 67 (n,n') Level
Legendre Coefficients

72-Hf-158



70

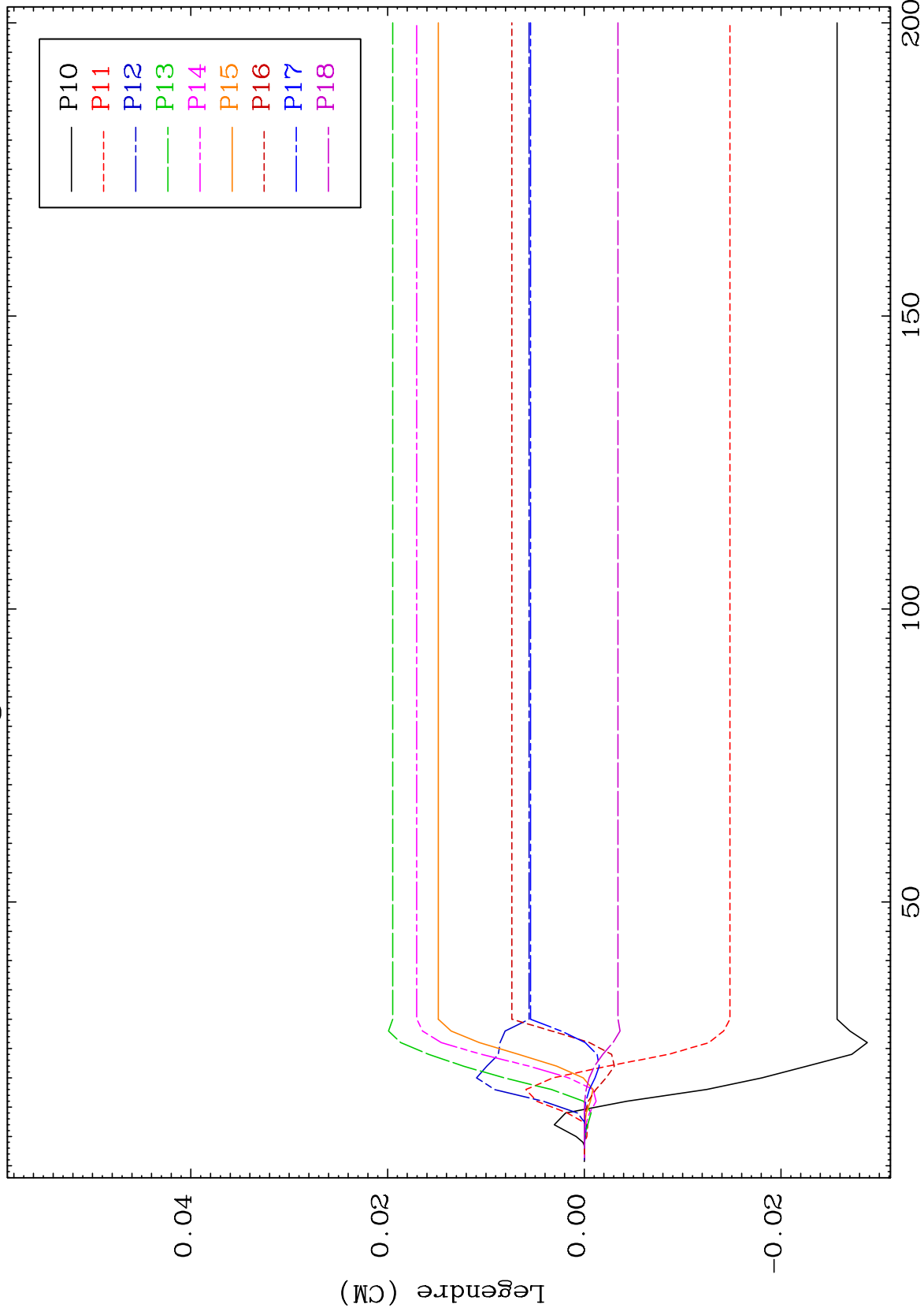
Incident Energy (MeV)

72-Hf-158

MAT 7177

MT= 67 (n,n') Level
Legendre Coefficients

72-Hf-158



71

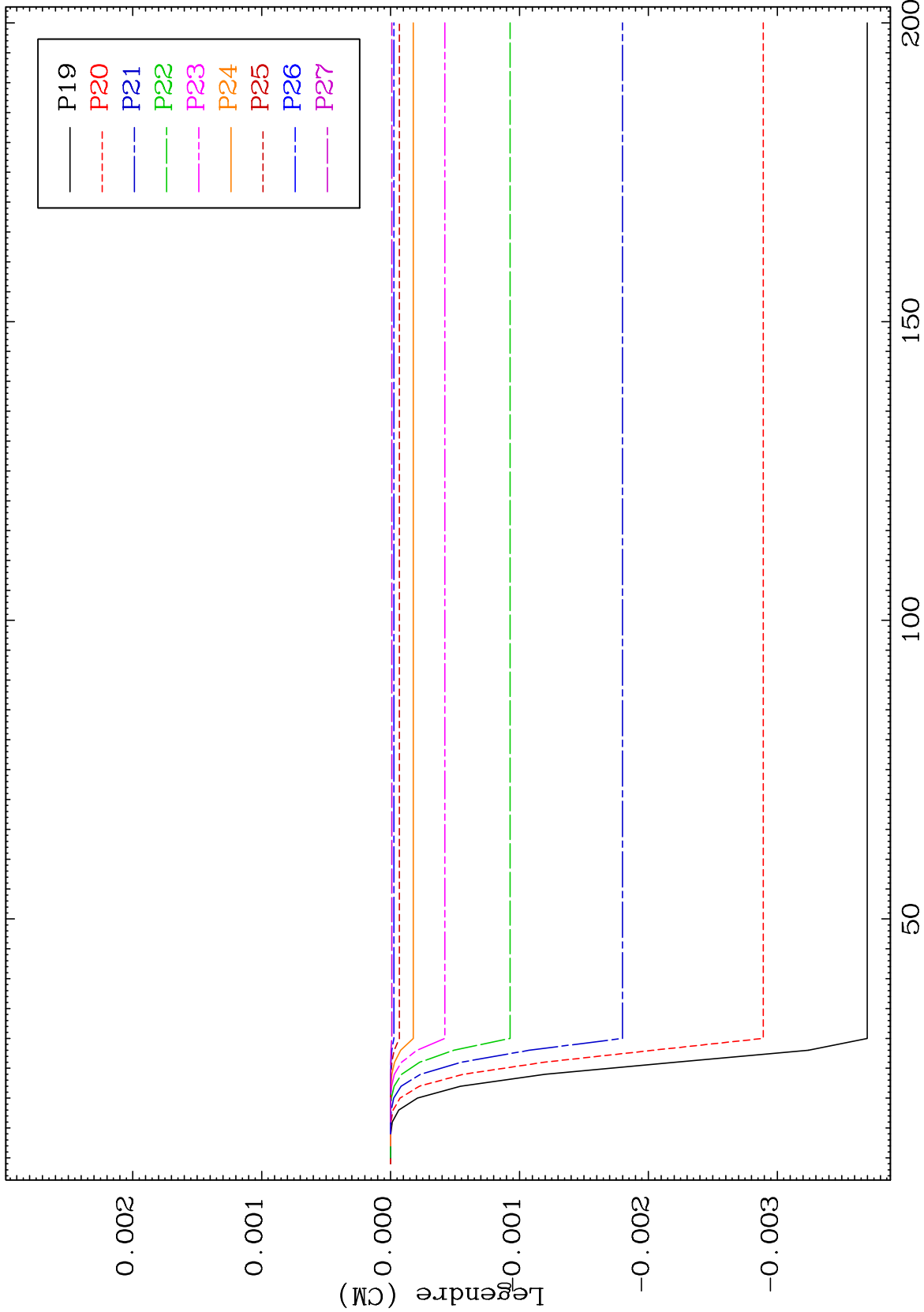
Incident Energy (MeV)

72-Hf-158

MAT 7177

MT= 67 (n,n') Level
Legendre Coefficients

72-Hf-158



72

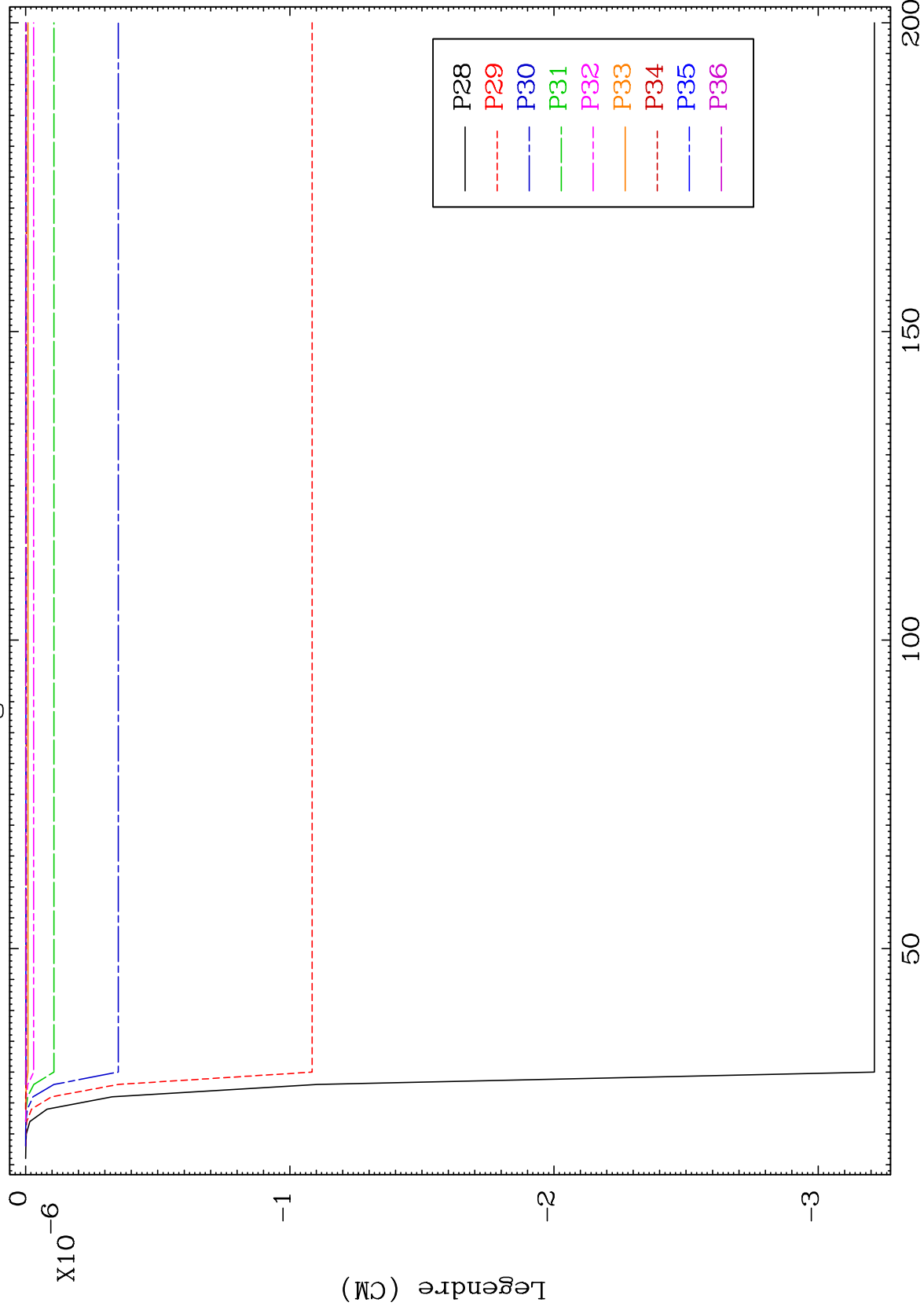
Incident Energy (MeV)

72-Hf-158

MAT 7177

MT= 67 (n,n') Level
Legendre Coefficients

72-Hf-158



73

Incident Energy (MeV)

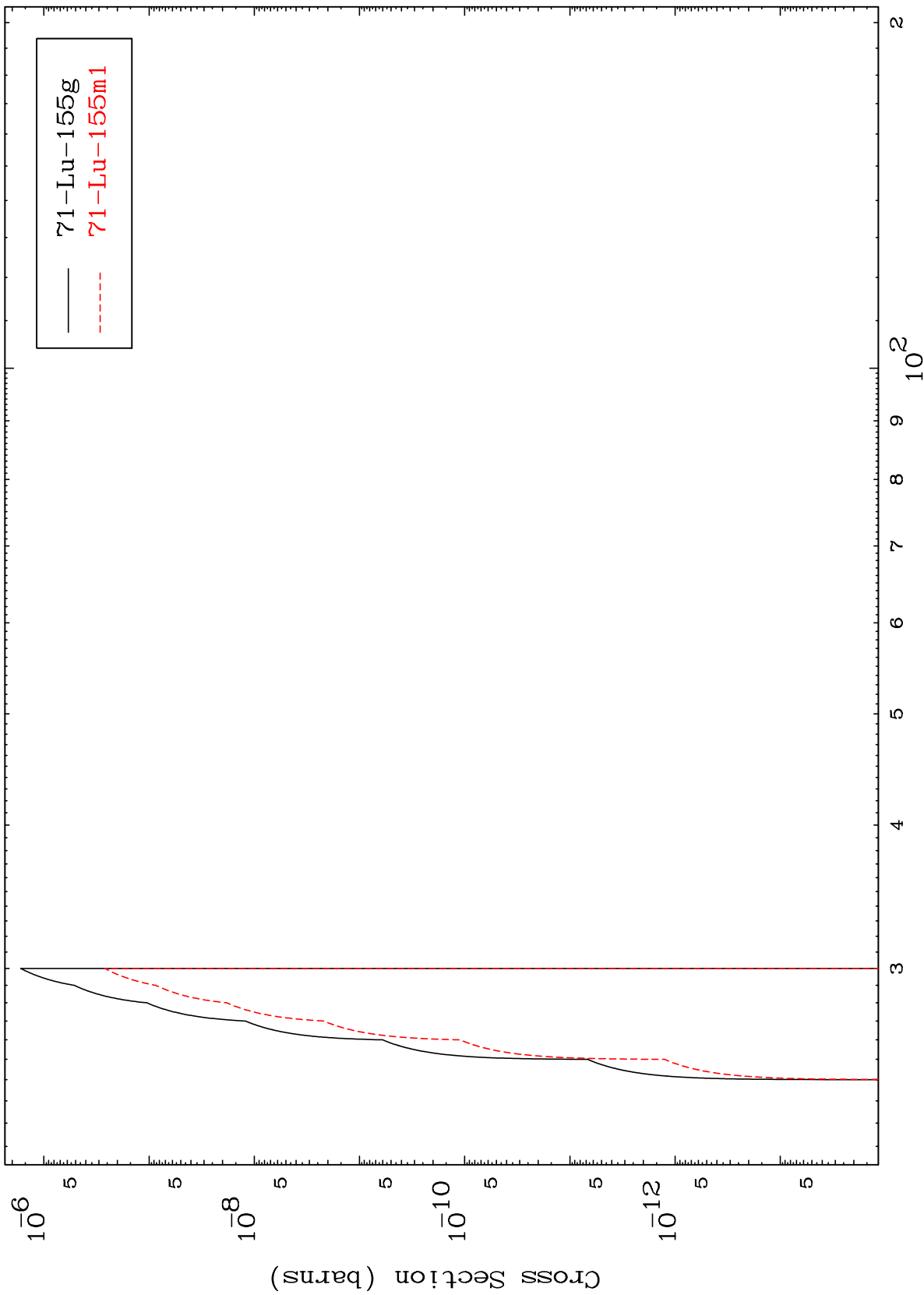
72-Hf-158

MAT 7177

(n,2n) d

72-Hf-158

Radionuclide Production Cross Section



71-Lu-155g
71-Lu-155m1

74

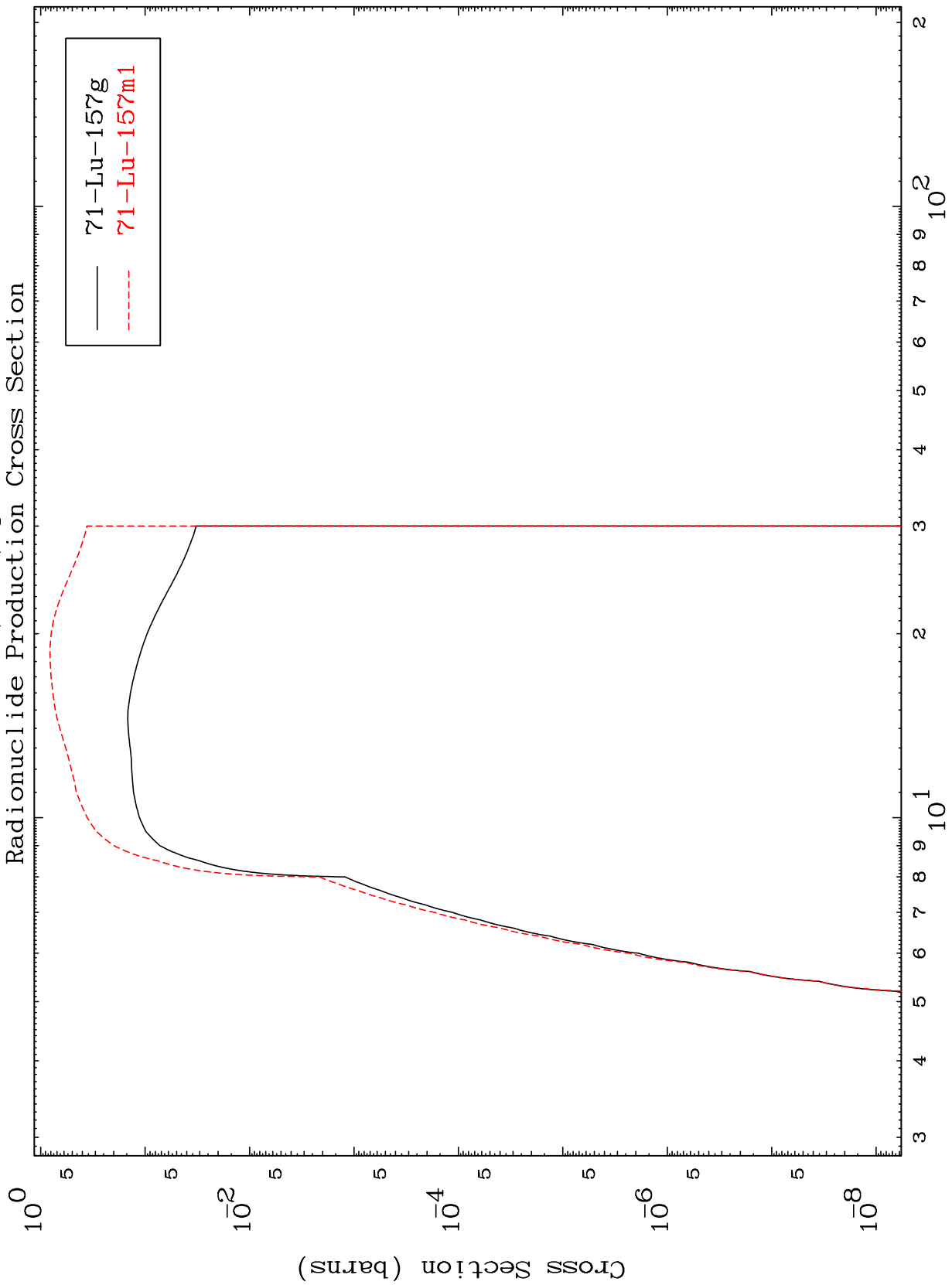
Incident Energy (MeV)

72-Hf-158

MAT 7177

72-Hf-158

(n, n') p
Radionuclide Production Cross Section



75

Incident Energy (MeV)

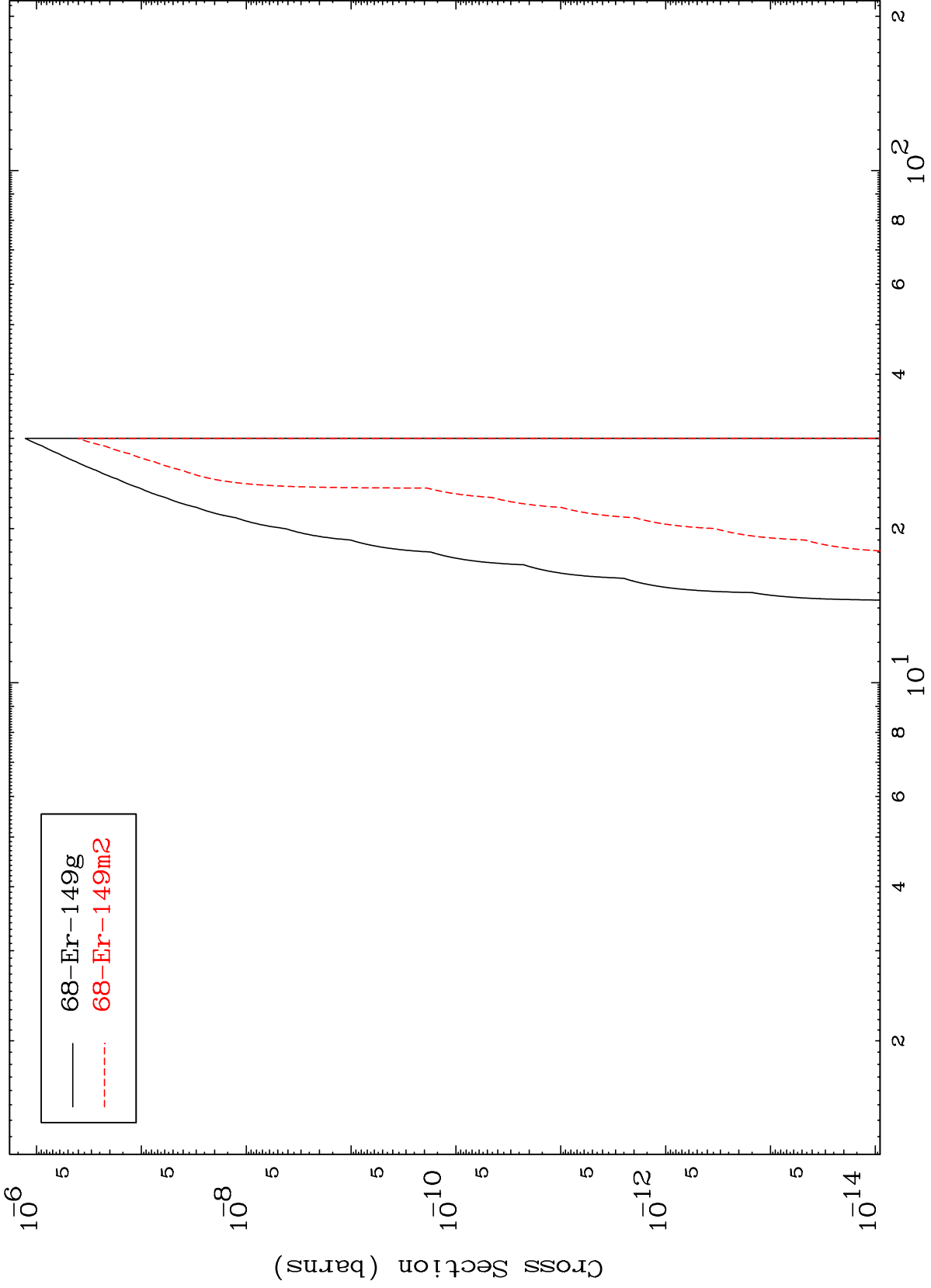
72-Hf-158

MAT 7177

(n,2n) 2 α

72-Hf-158

Radionuclide Production Cross Section



68-Er-149g
68-Er-149m2

76

Incident Energy (MeV)

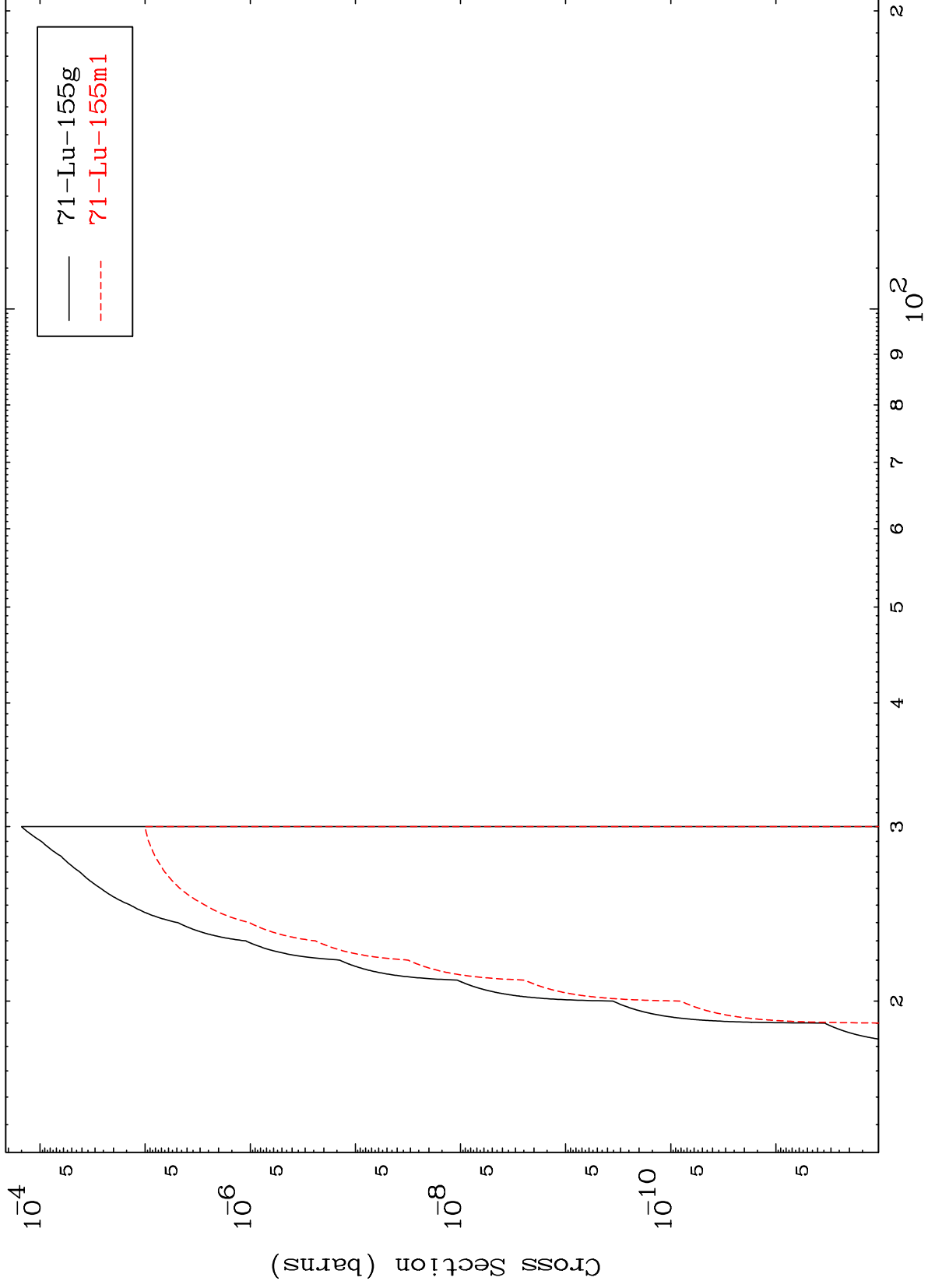
72-Hf-158

MAT 71777

(n,n') t

72-Hf-158

Radionuclide Production Cross Section



77

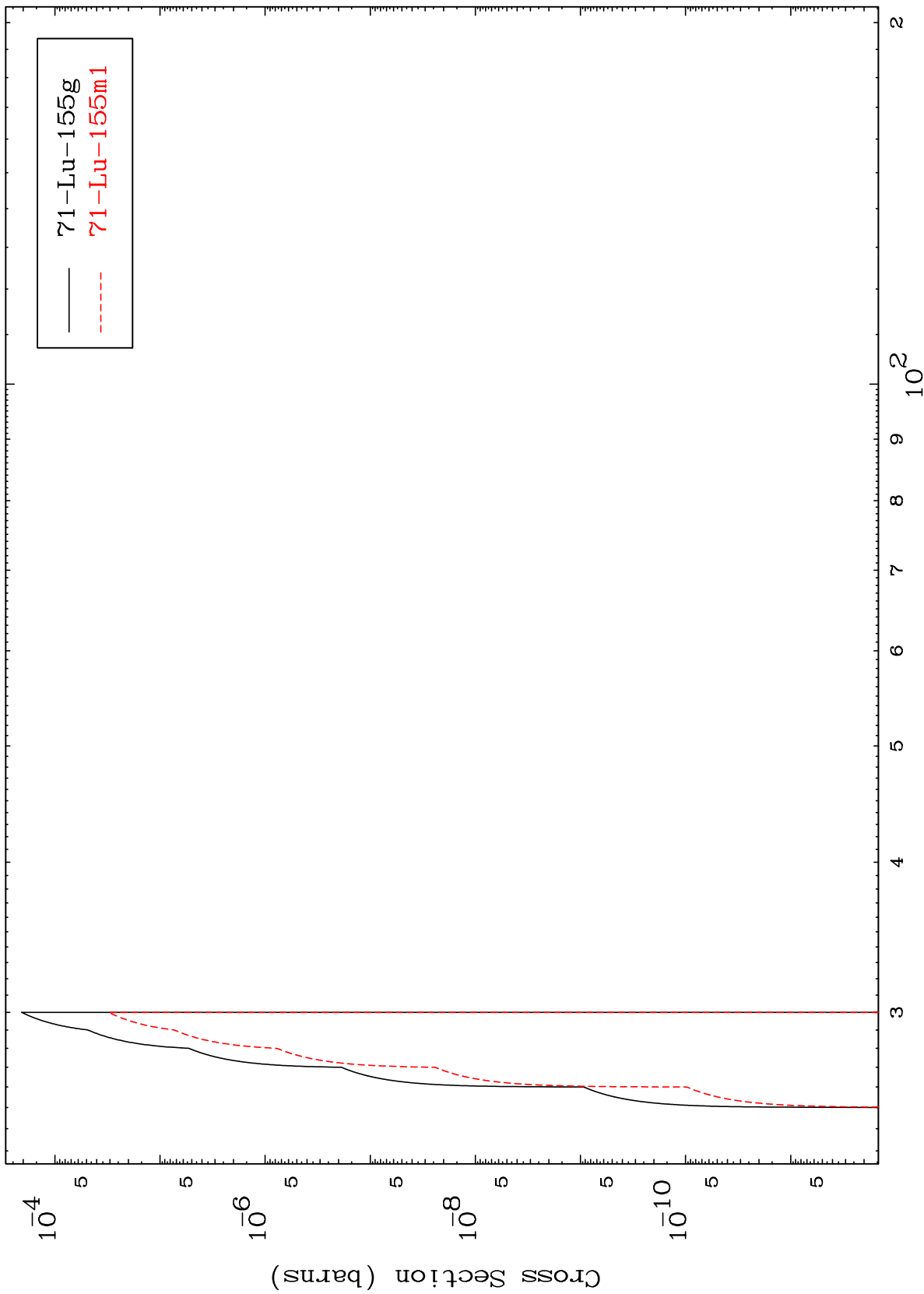
Incident Energy (MeV)

72-Hf-158

MAT 7177

72-Hf-158

(n,3n) p
Radionuclide Production Cross Section



78

Incident Energy (MeV)

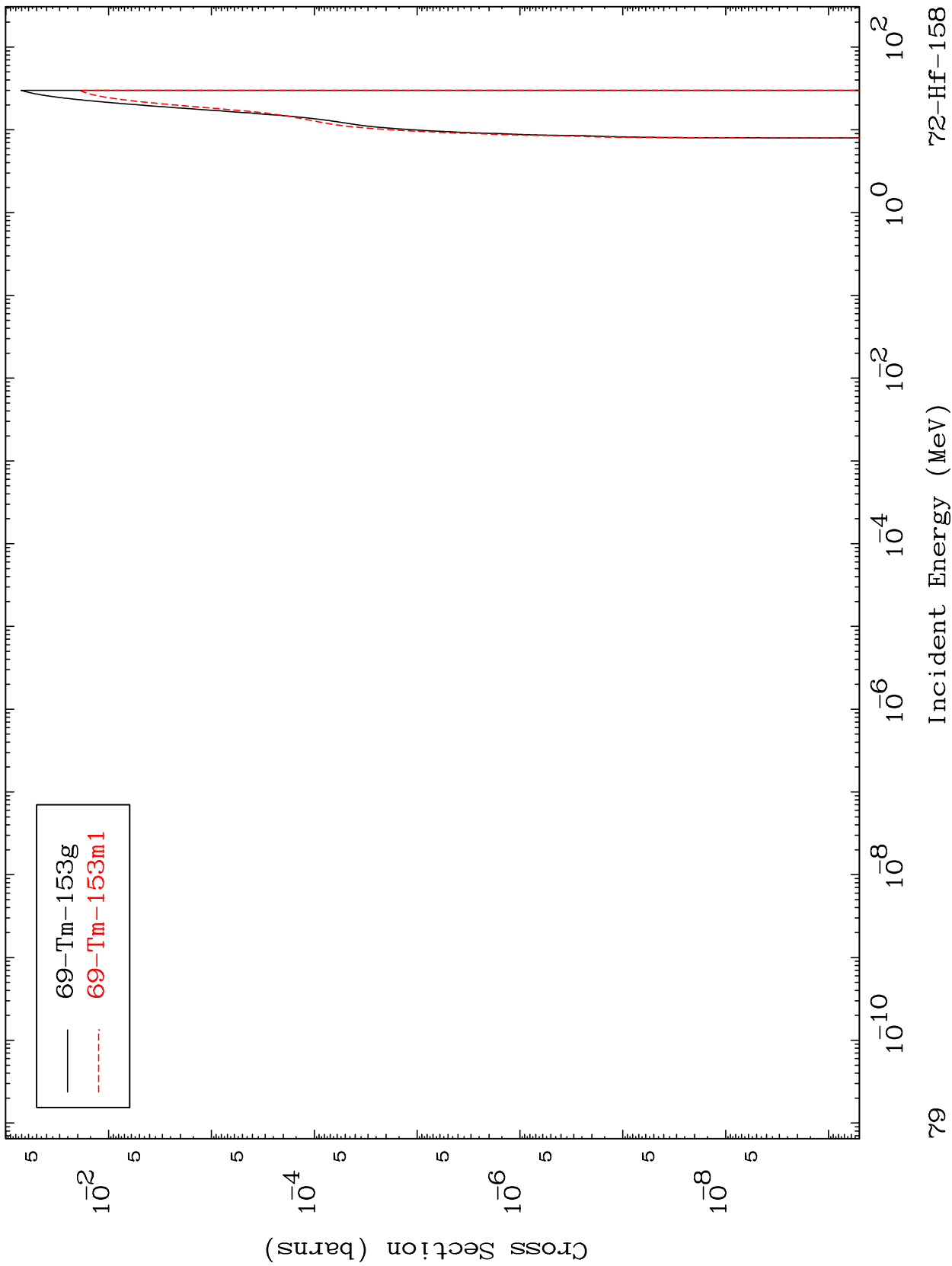
72-Hf-158

MAT 7177

(n,n') p α

72-Hf-158

Radionuclide Production Cross Section



69-Tm-153g
69-Tm-153m1

79

Incident Energy (MeV)

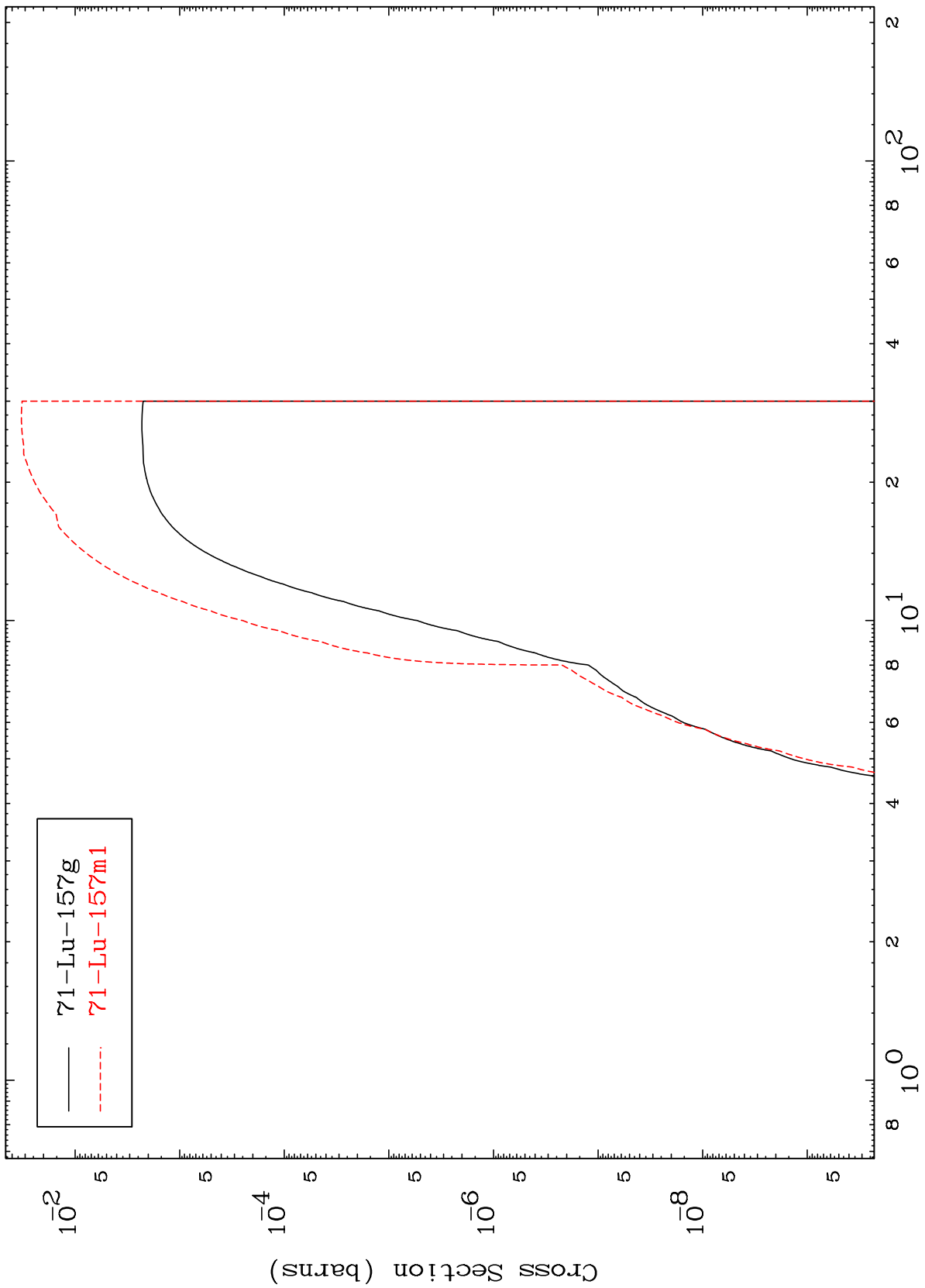
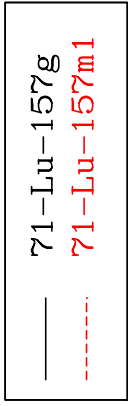
72-Hf-158

MAT 7177

(n,d)

72-Hf-158

Radionuclide Production Cross Section



80

Incident Energy (MeV)

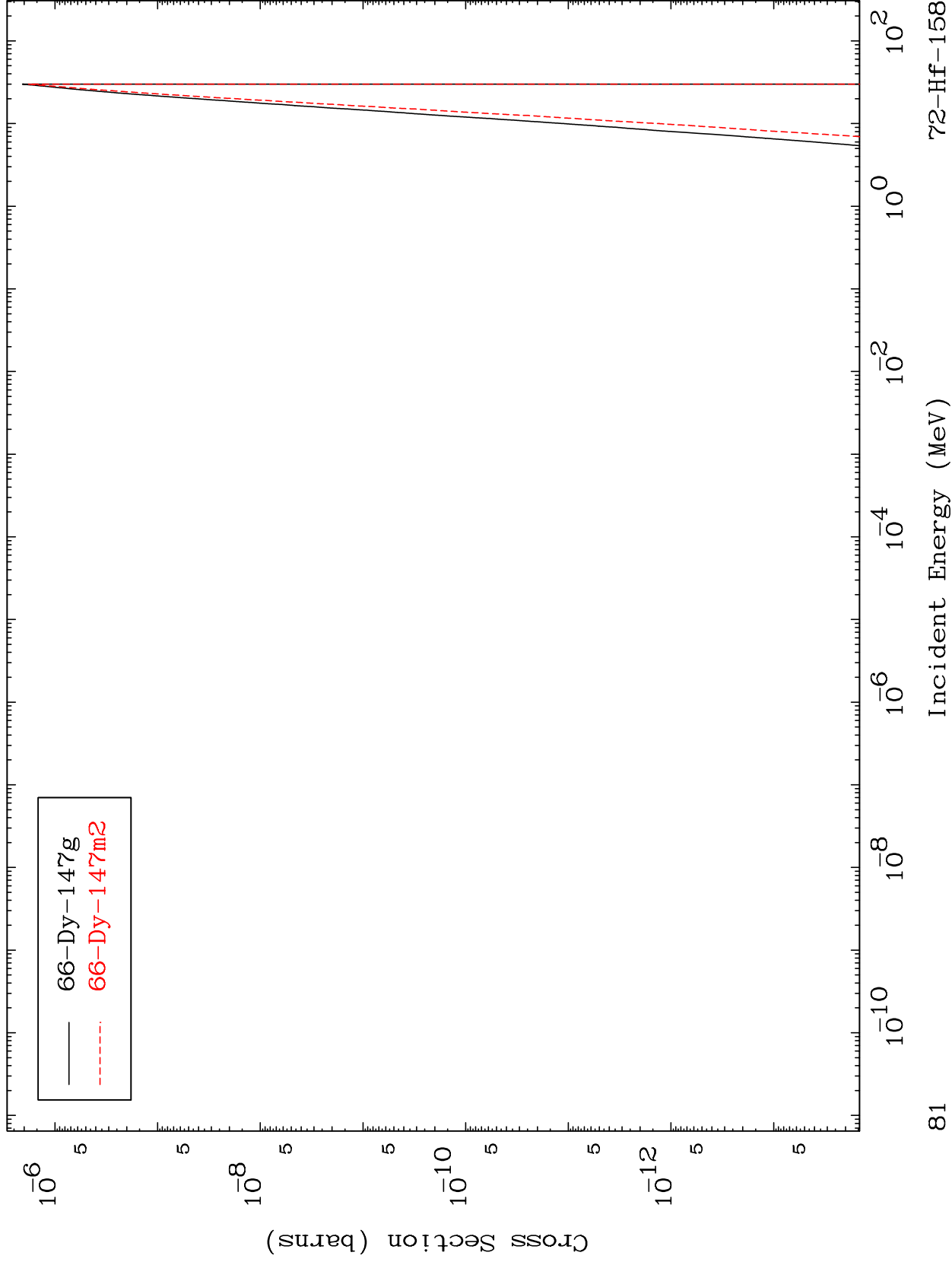
72-Hf-158

MAT 7177

(n,3 α)

72-Hf-158

Radionuclide Production Cross Section

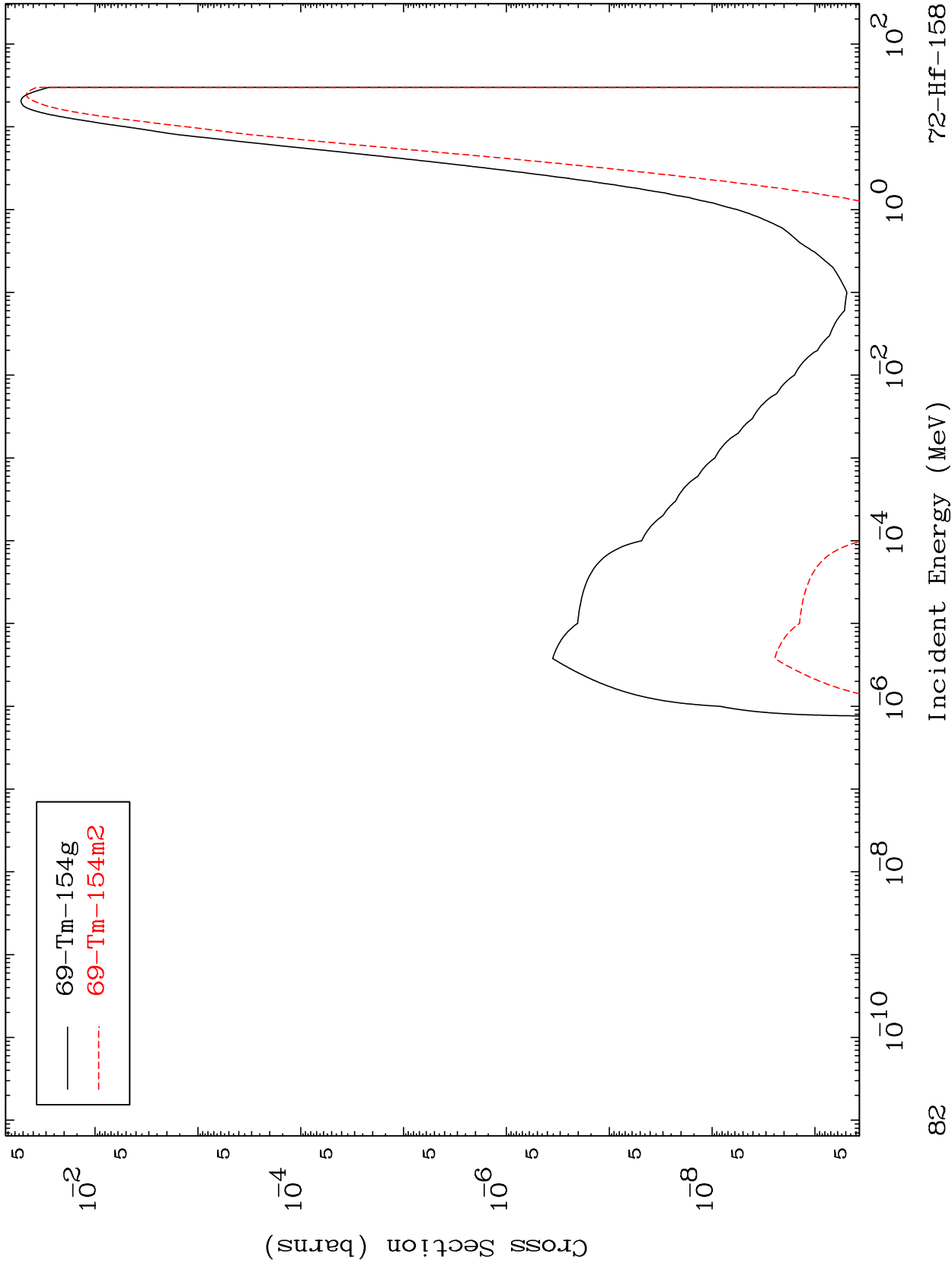


MAT 7177

(n,p) α

72-Hf-158

Radionuclide Production Cross Section

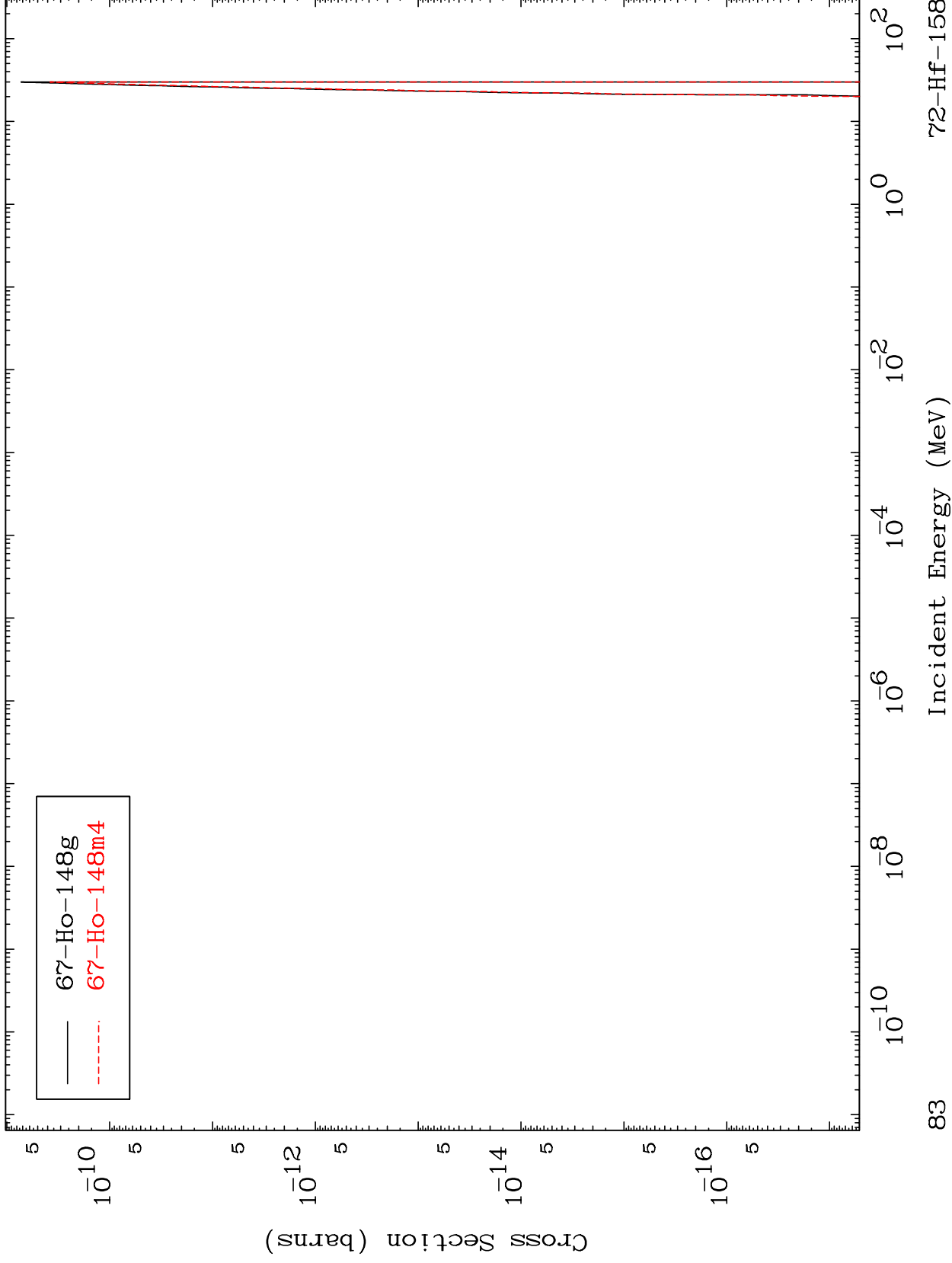


MAT 7177

(n,t) 2 α

72-Hf-158

Radionuclide Production Cross Section

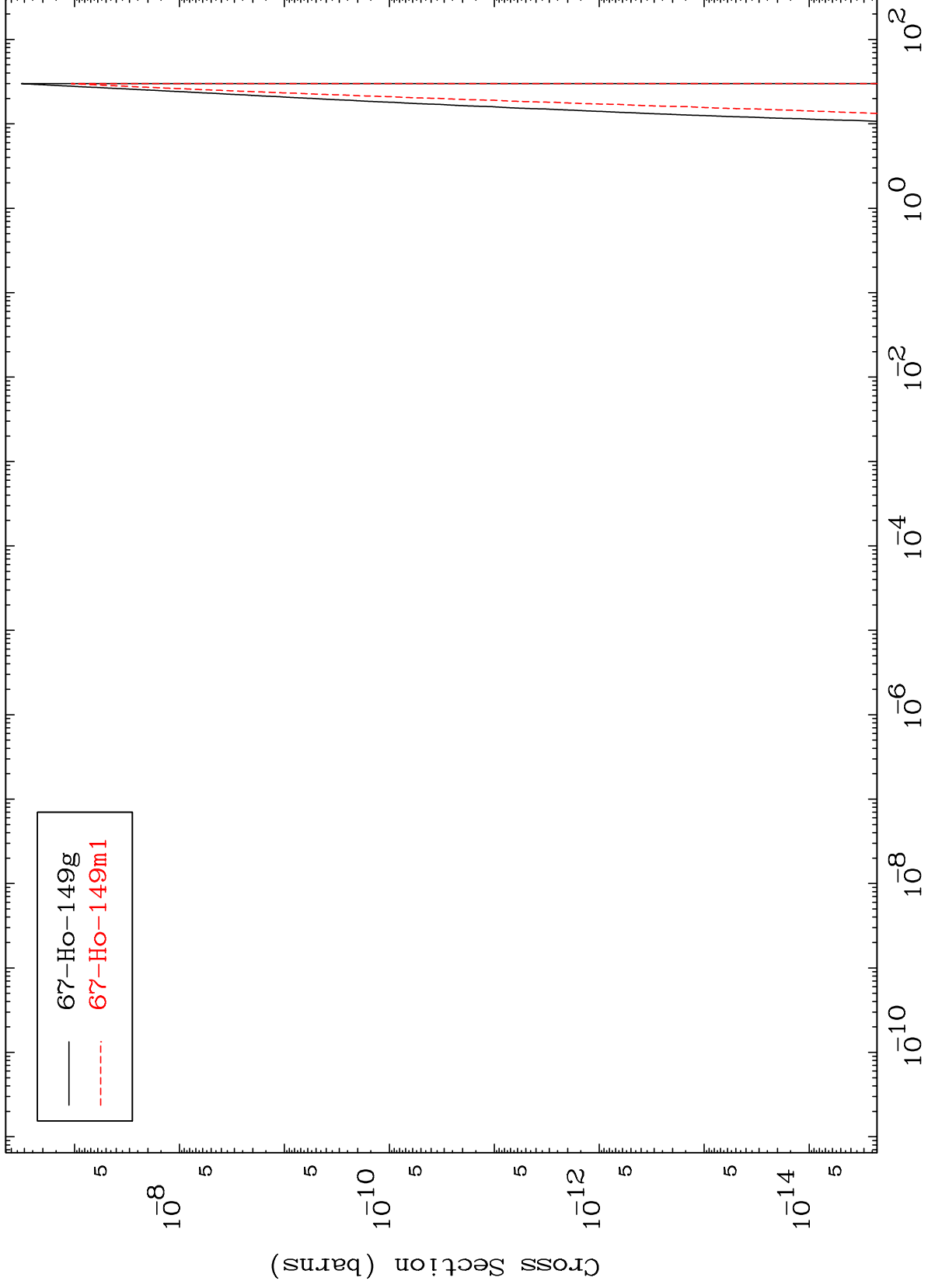


MAT 7177

(n,d) 2 α

72-Hf-158

Radionuclide Production Cross Section



84

Incident Energy (MeV)

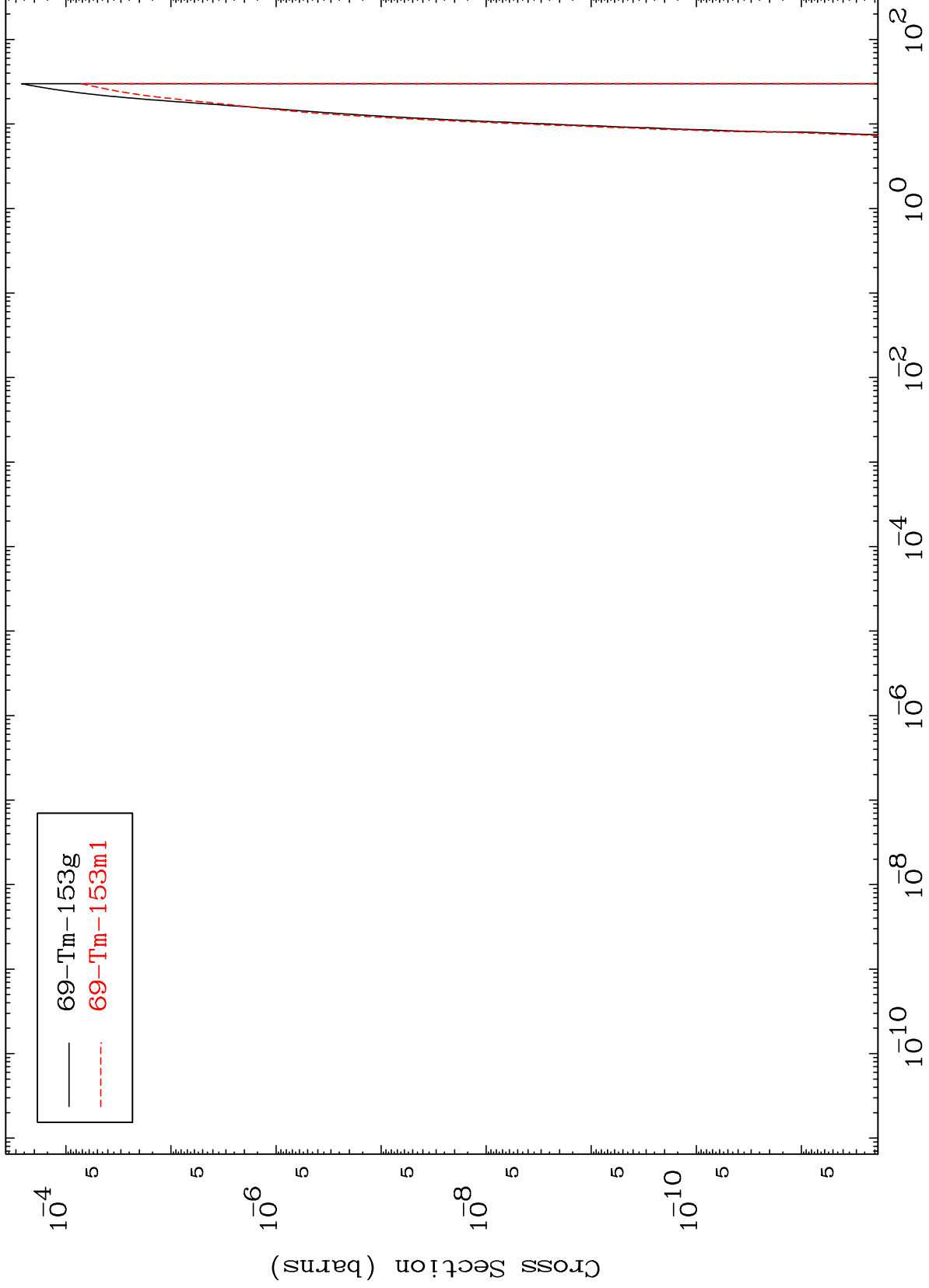
72-Hf-158

MAT 7177

(n,d) α

72-Hf-158

Radionuclide Production Cross Section



69-Tm-153g
69-Tm-153m1

85

Incident Energy (MeV)

72-Hf-158