

Program EVALPLOT
(Version 2018-1)

by

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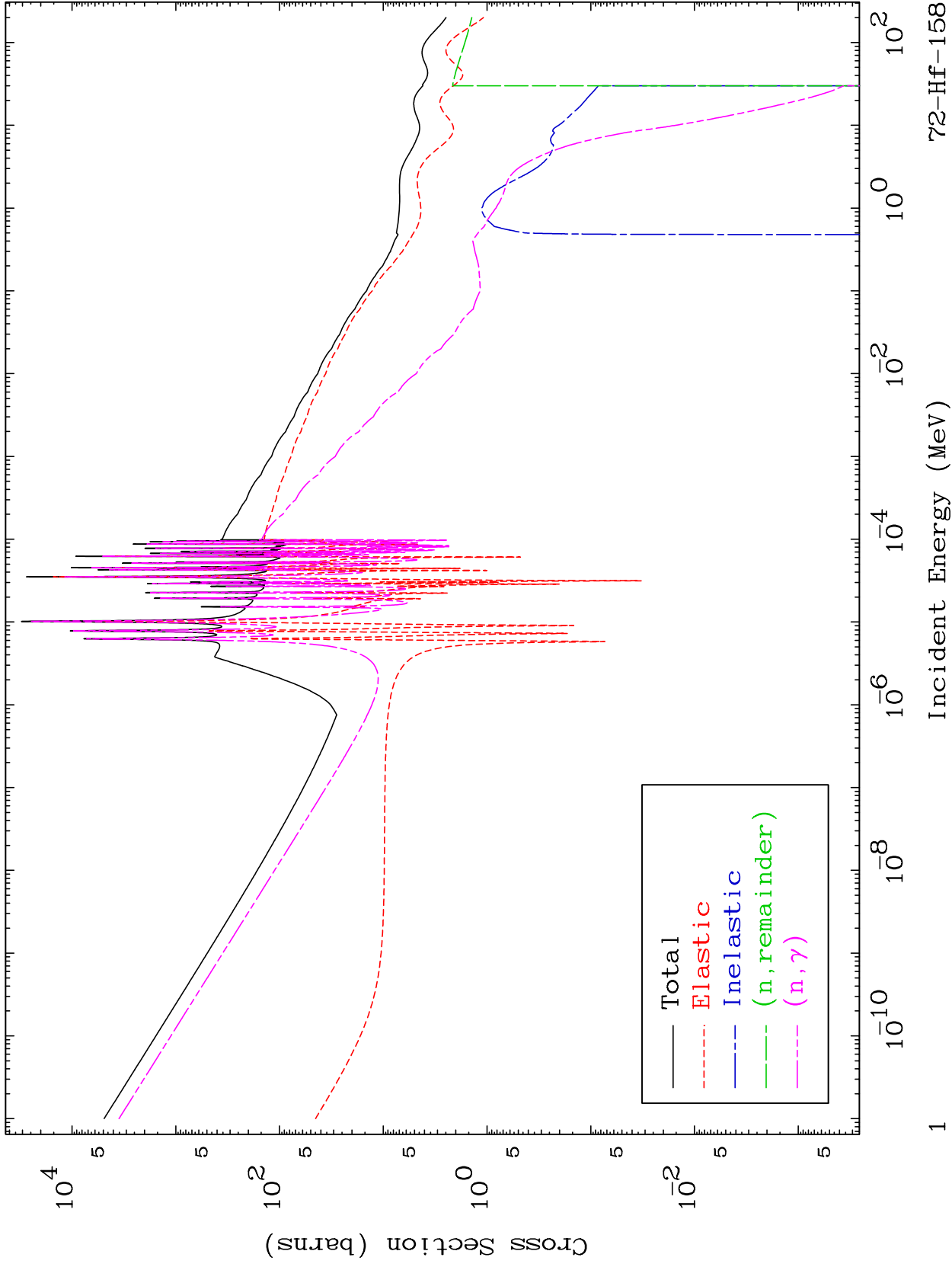
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7177

Major
293 Kelvin Cross Sections

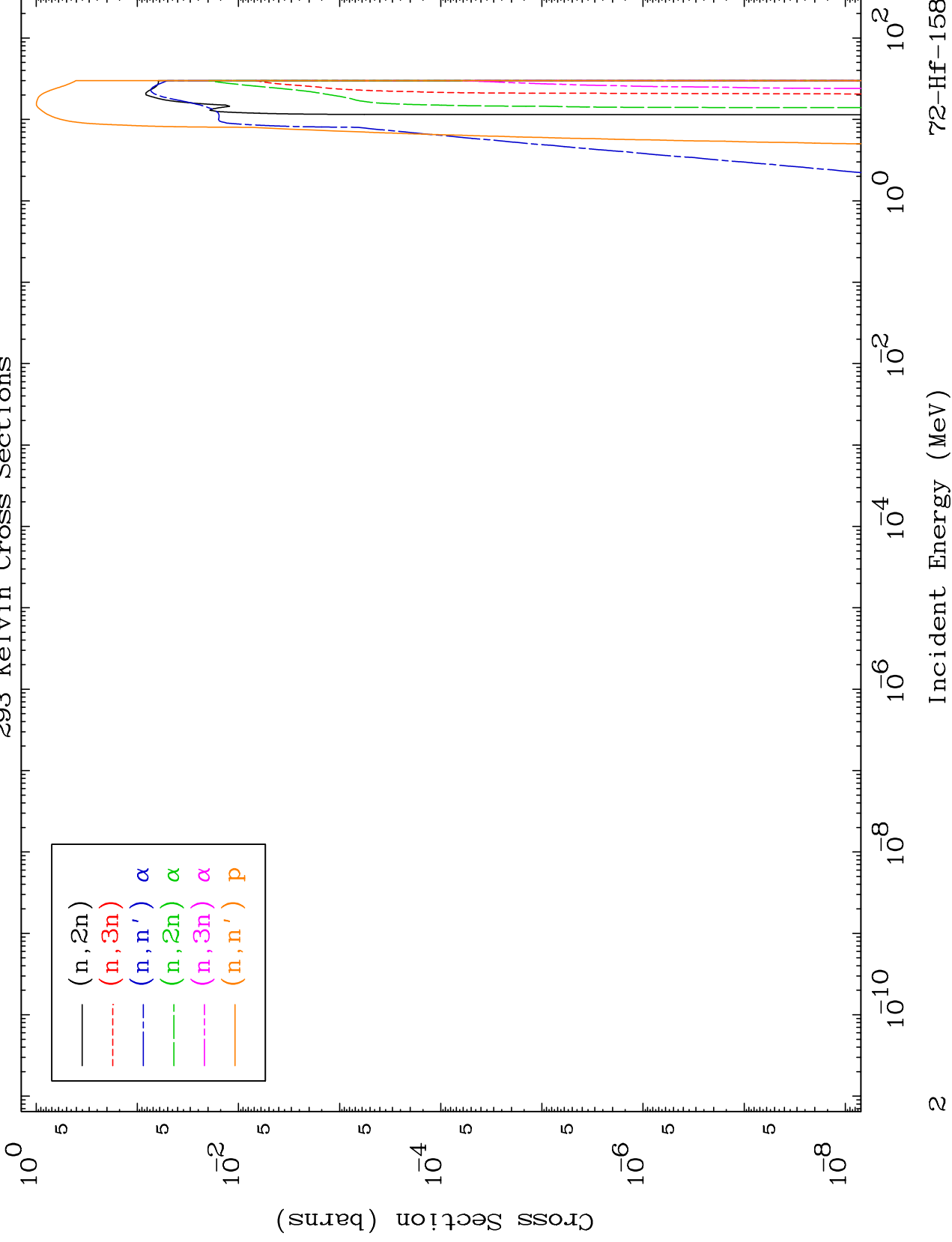
72-Hf-158



MAT 7177

Neutron Production
293 Kelvin Cross Sections

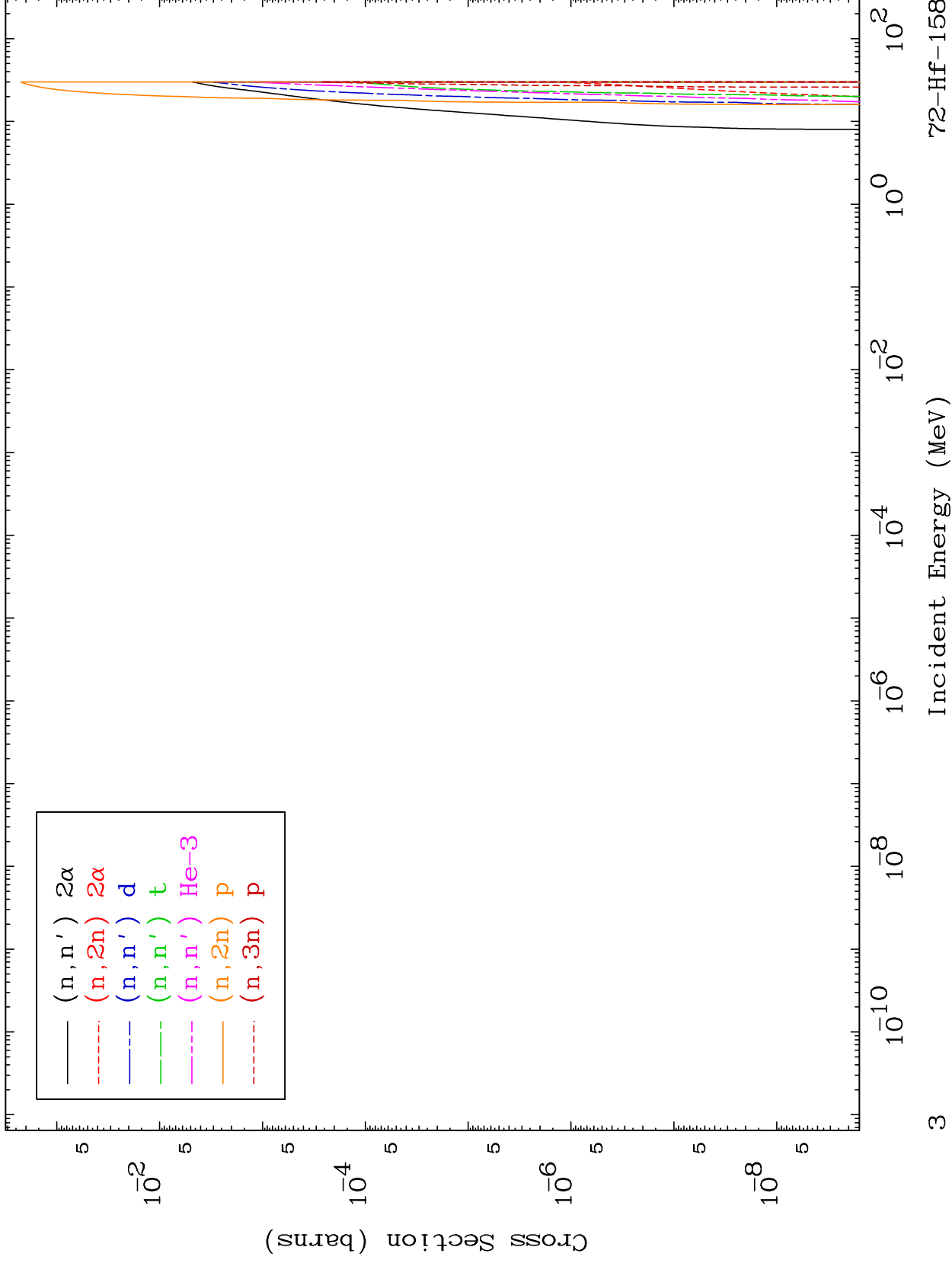
72-Hf-158



MAT 7177

Neutron Production
293 Kelvin Cross Sections

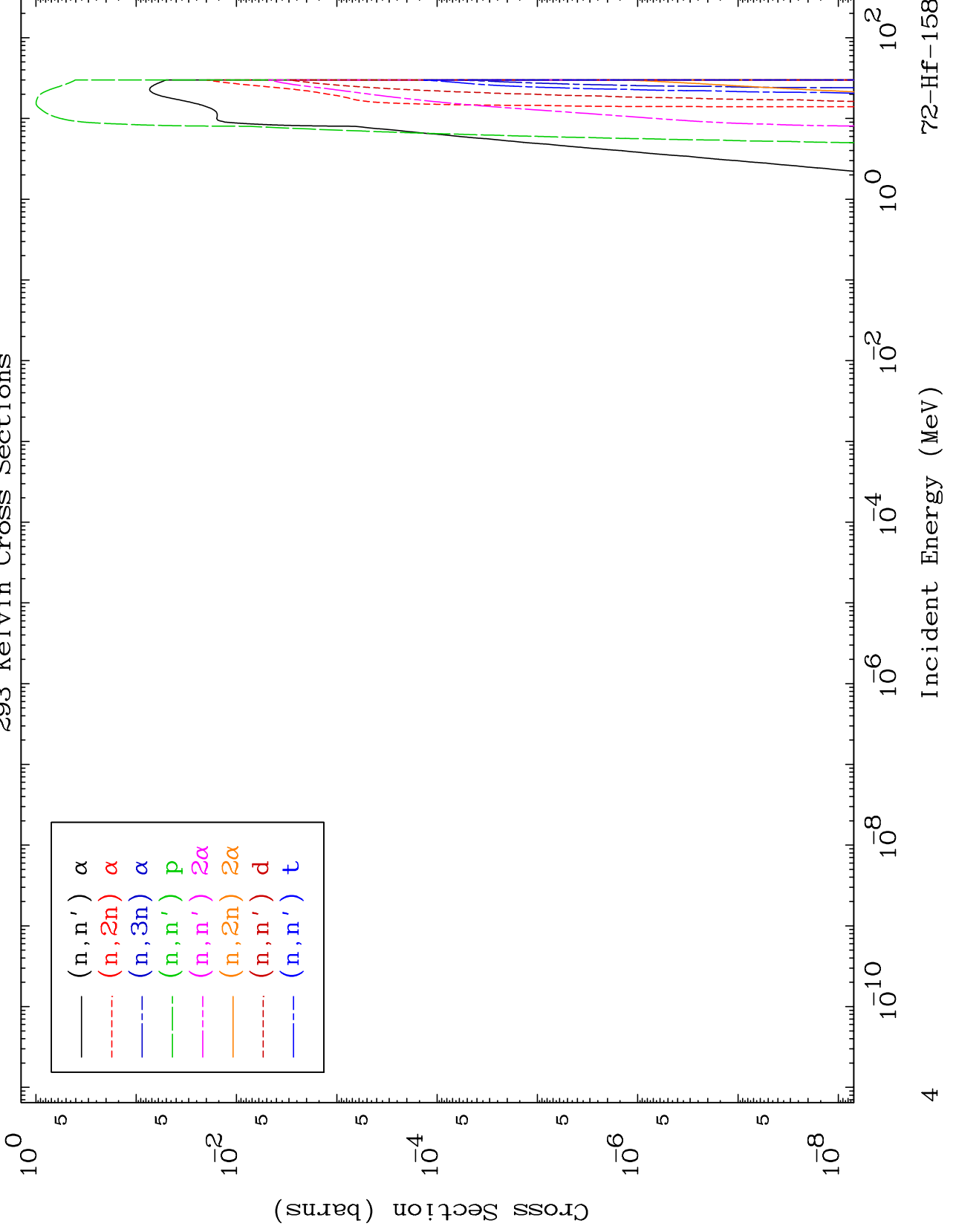
72-Hf-158



MAT 7177

Charged Particle
293 Kelvin Cross Sections

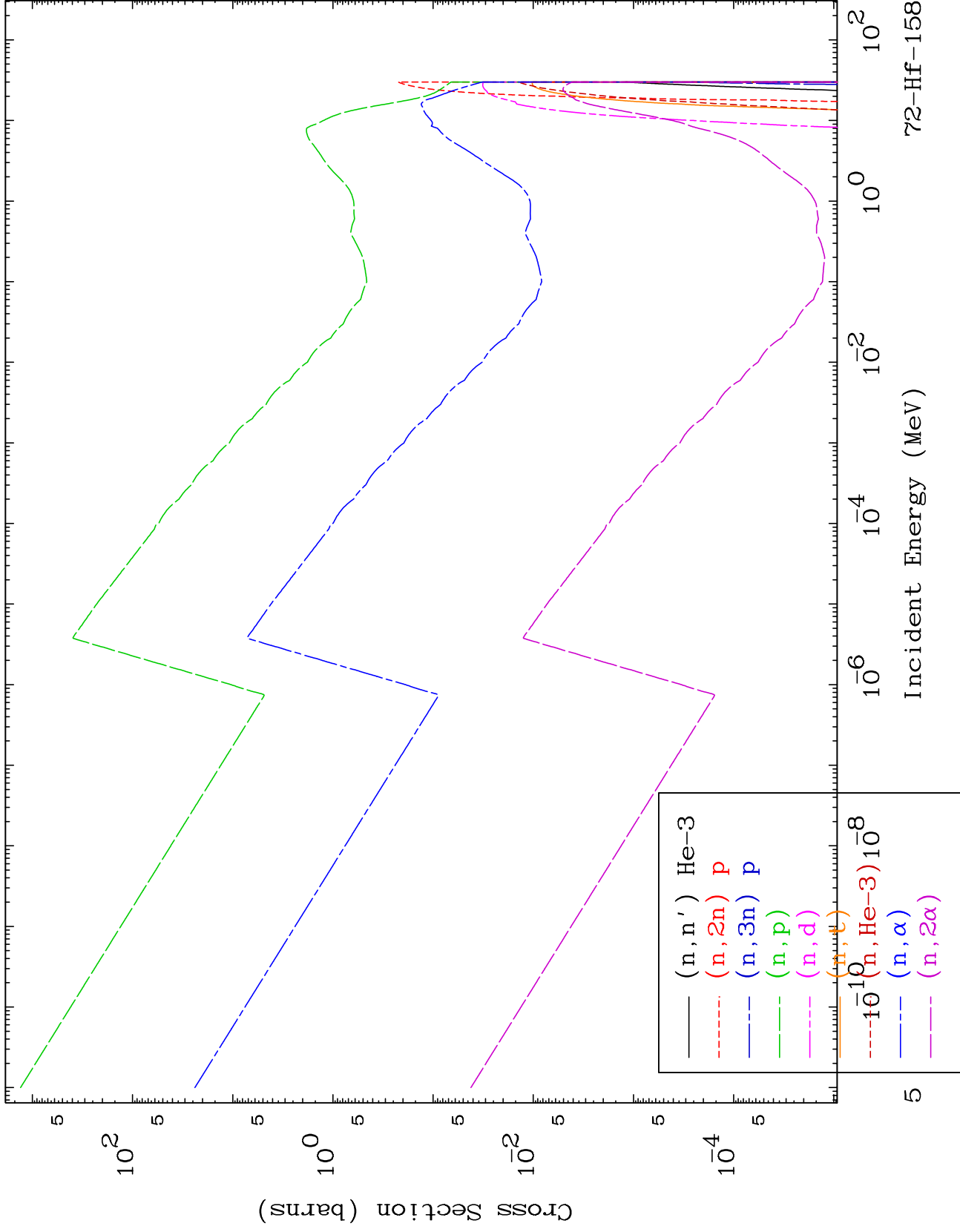
72-Hf-158

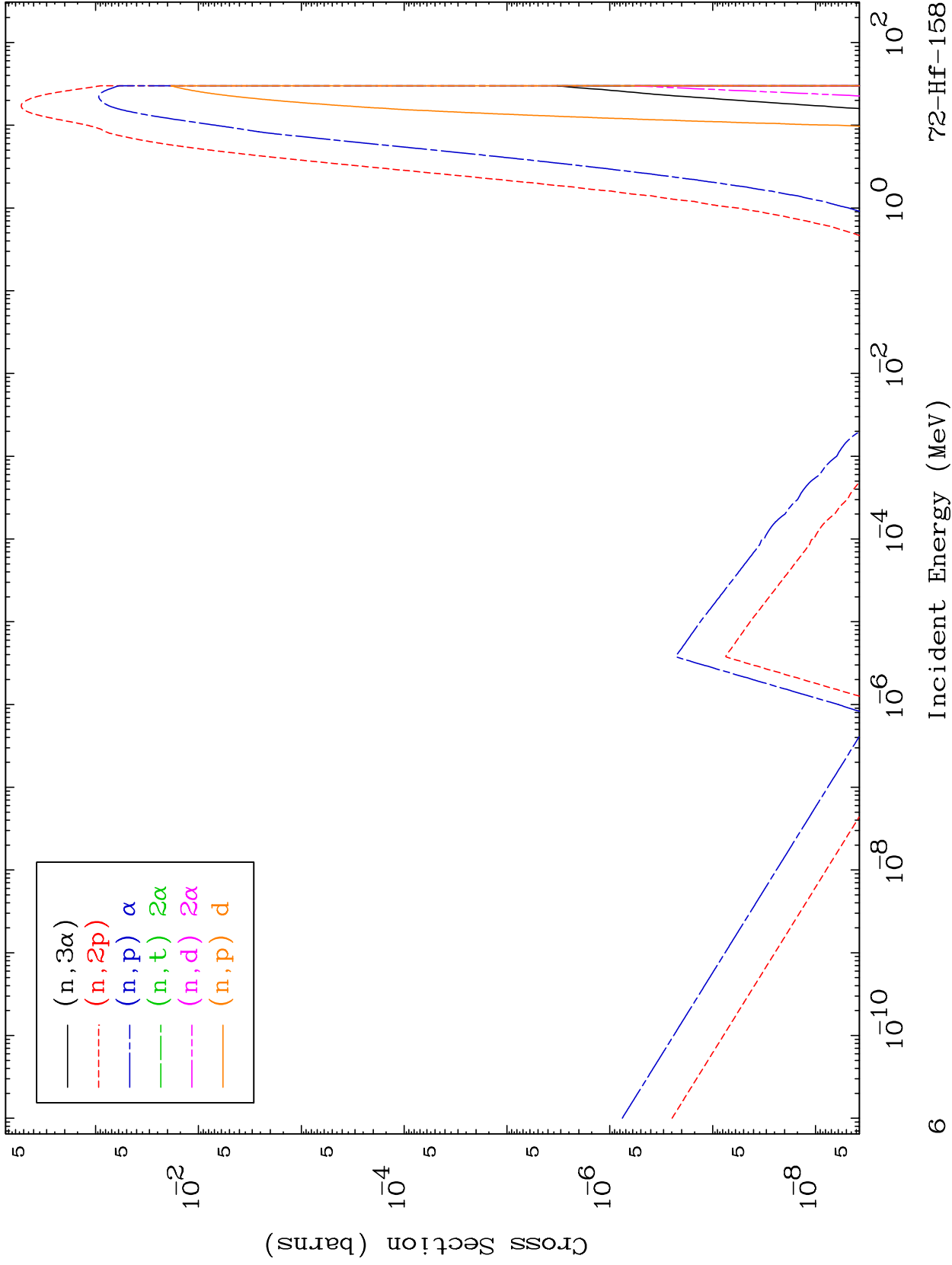


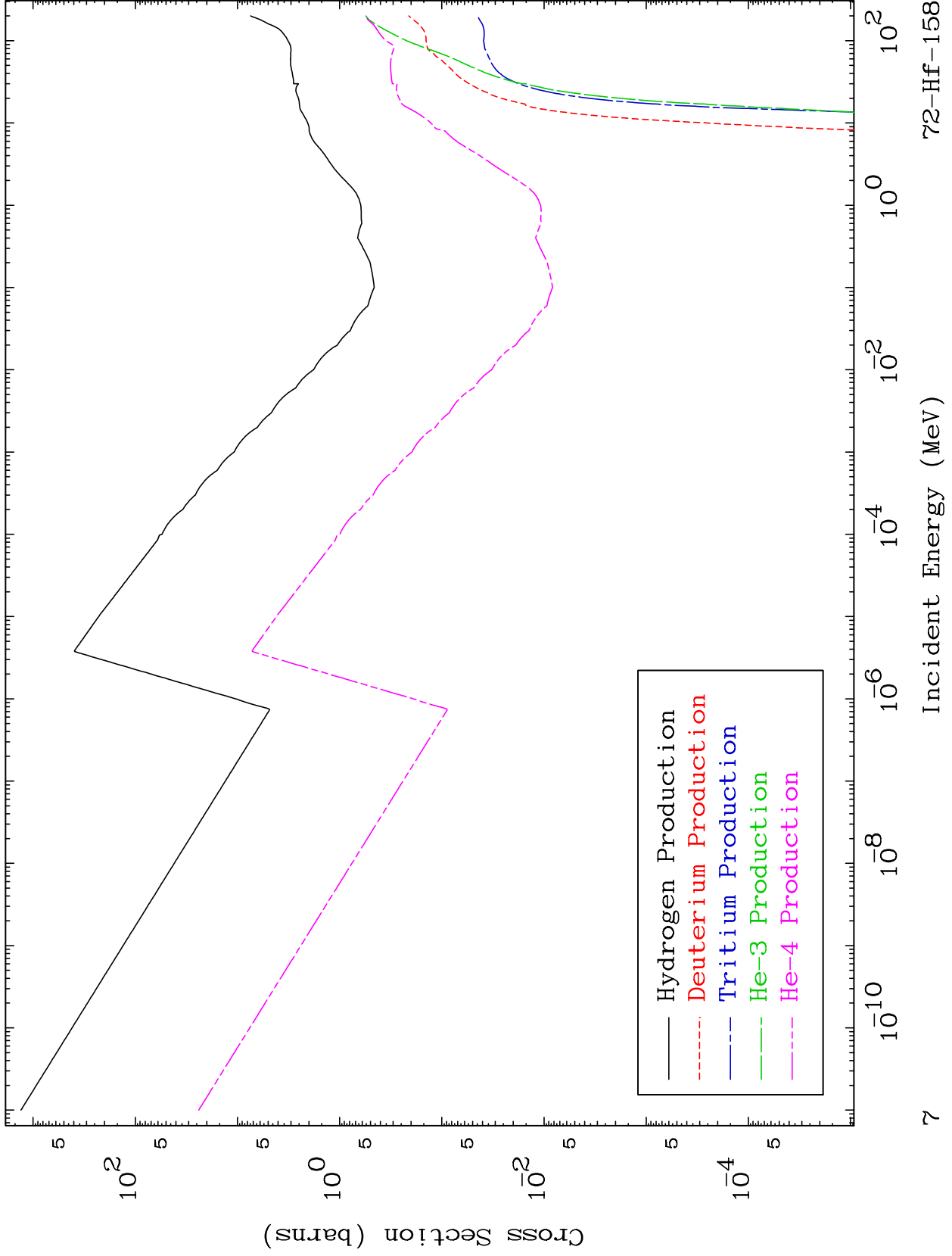
MAT 7177

Charged Particle
293 Kelvin Cross Sections

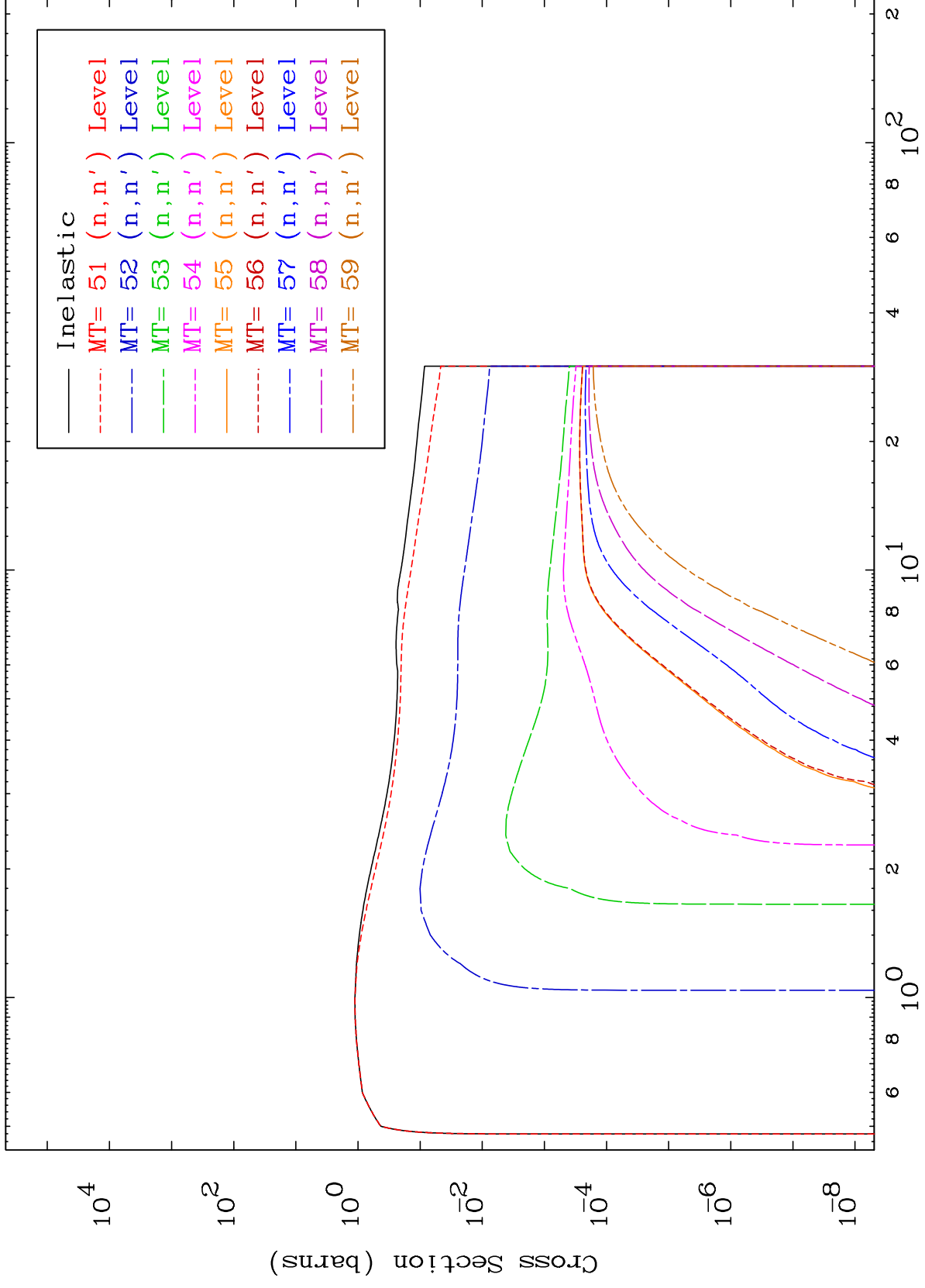
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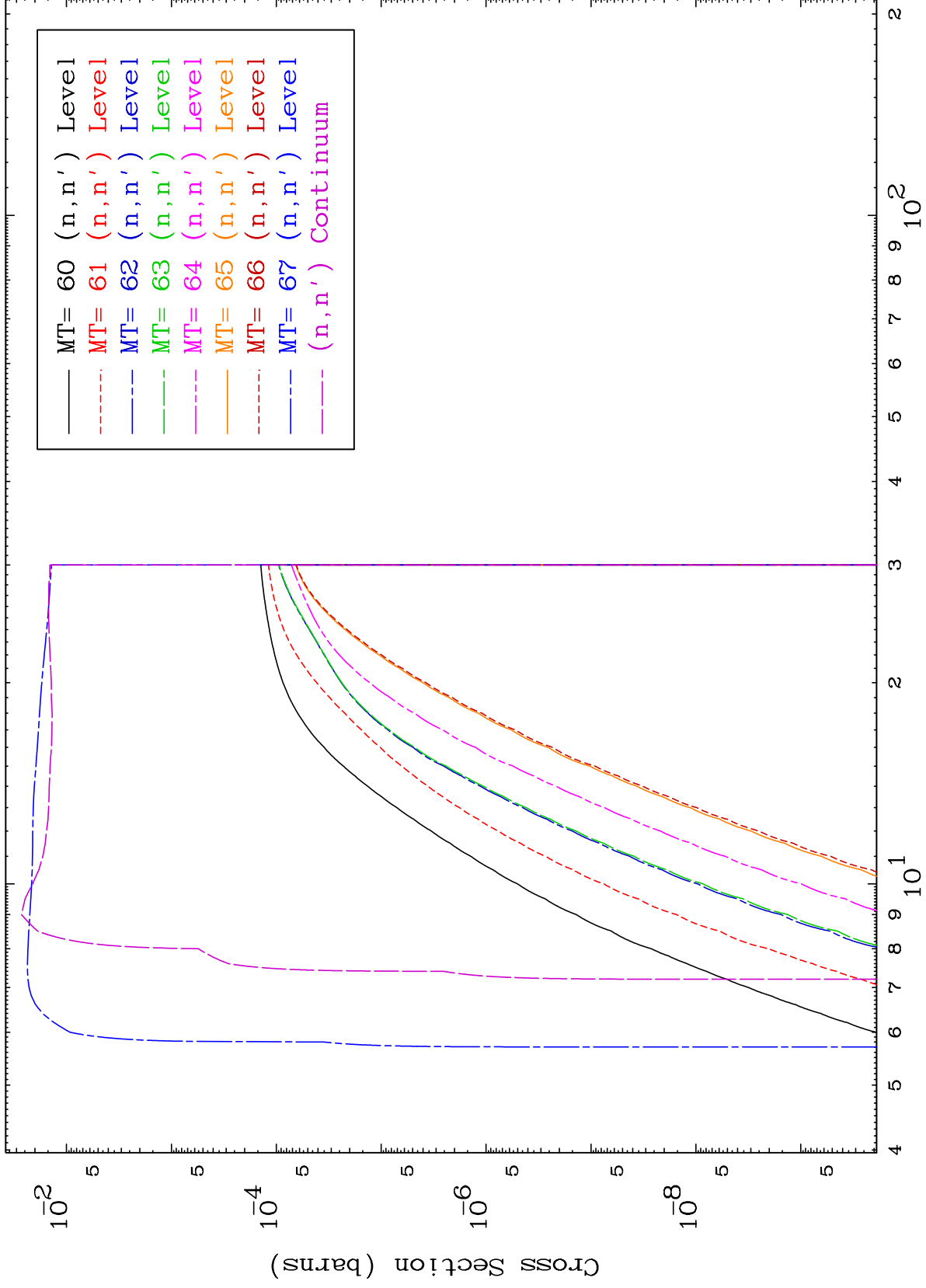




293 Kelvin Cross Sections



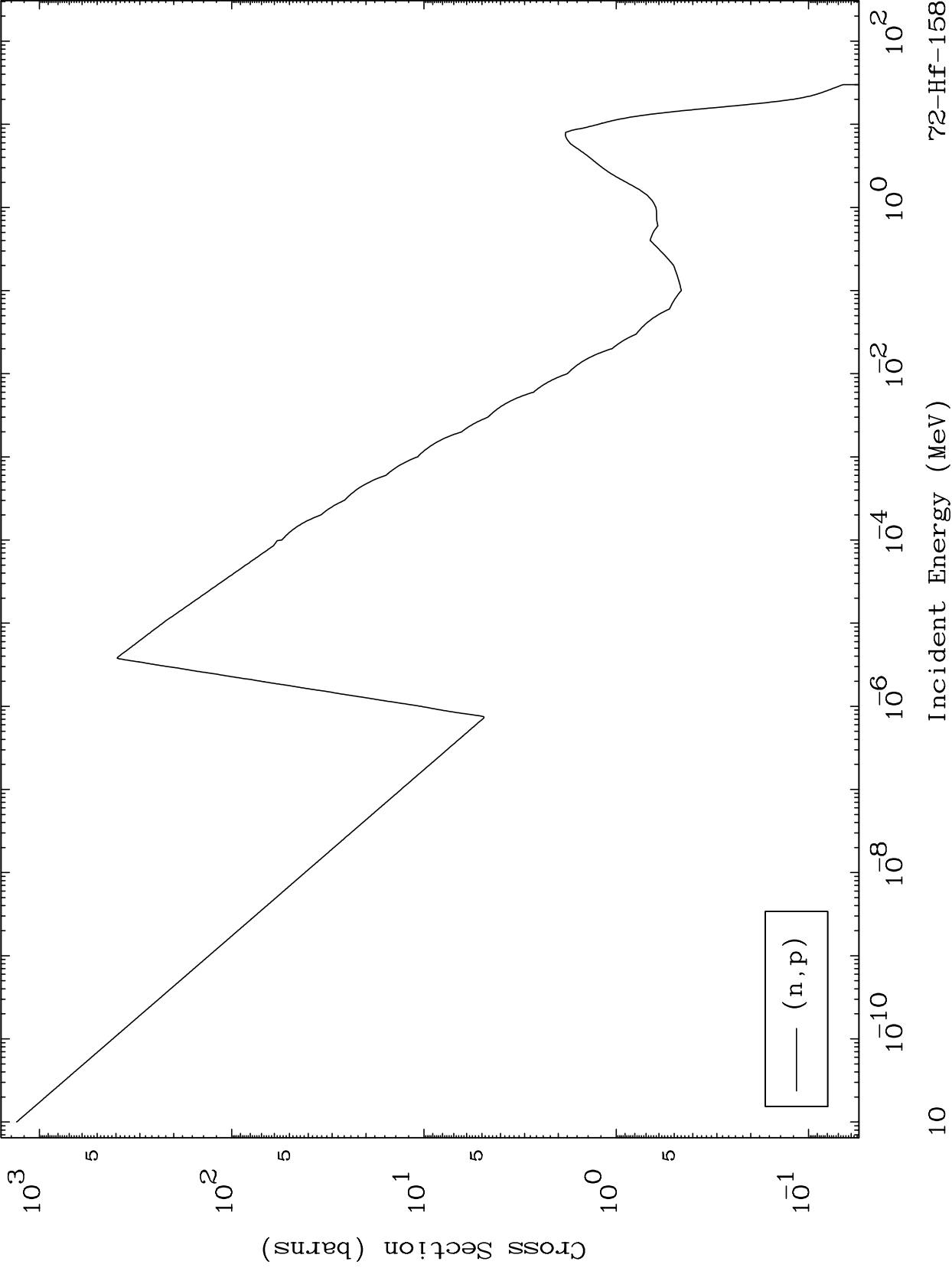
293 Kelvin Cross Sections



MAT 7177

(n,p) Levels
293 Kelvin Cross Sections

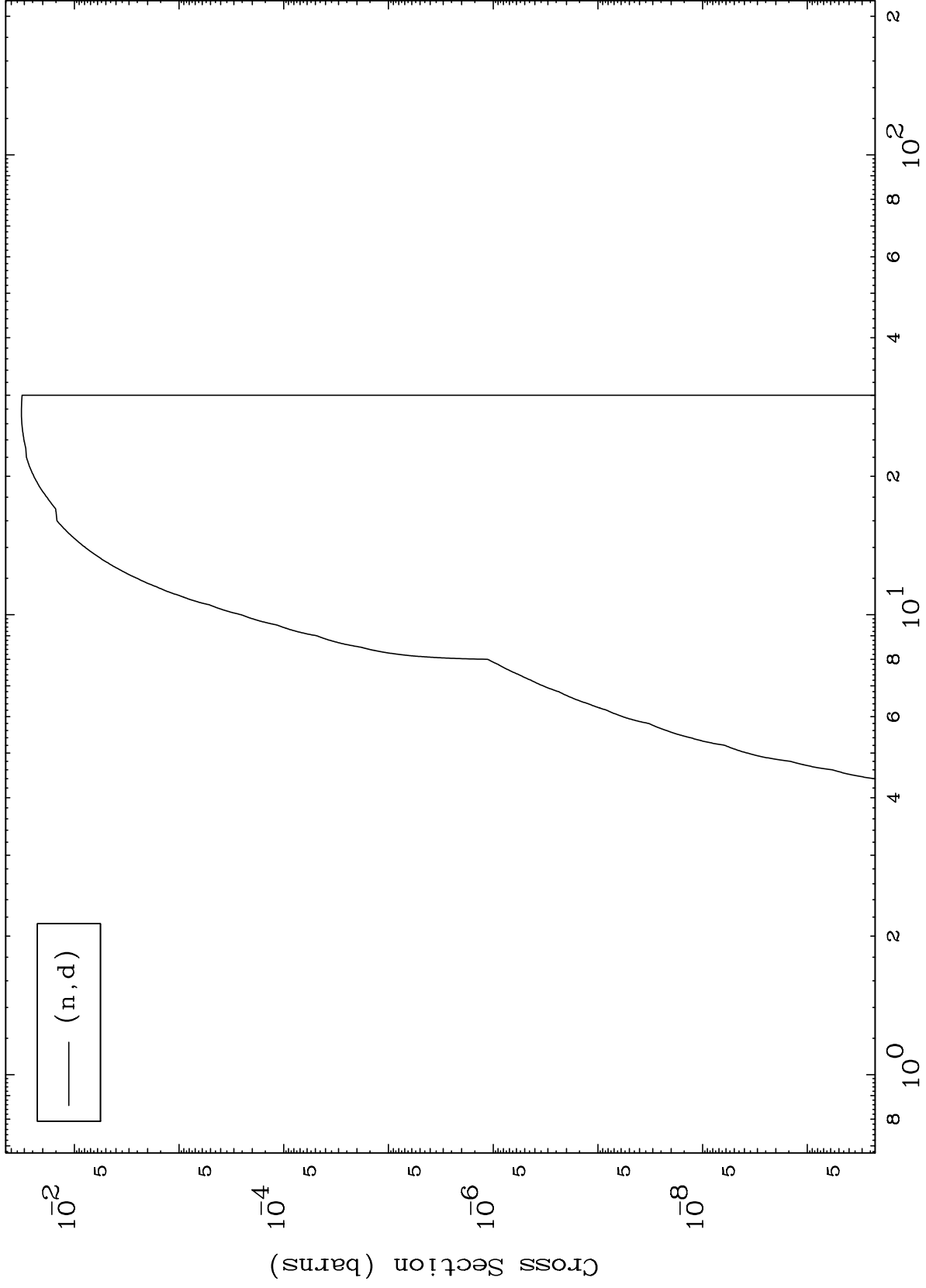
72-Hf-158



MAT 7177

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-158

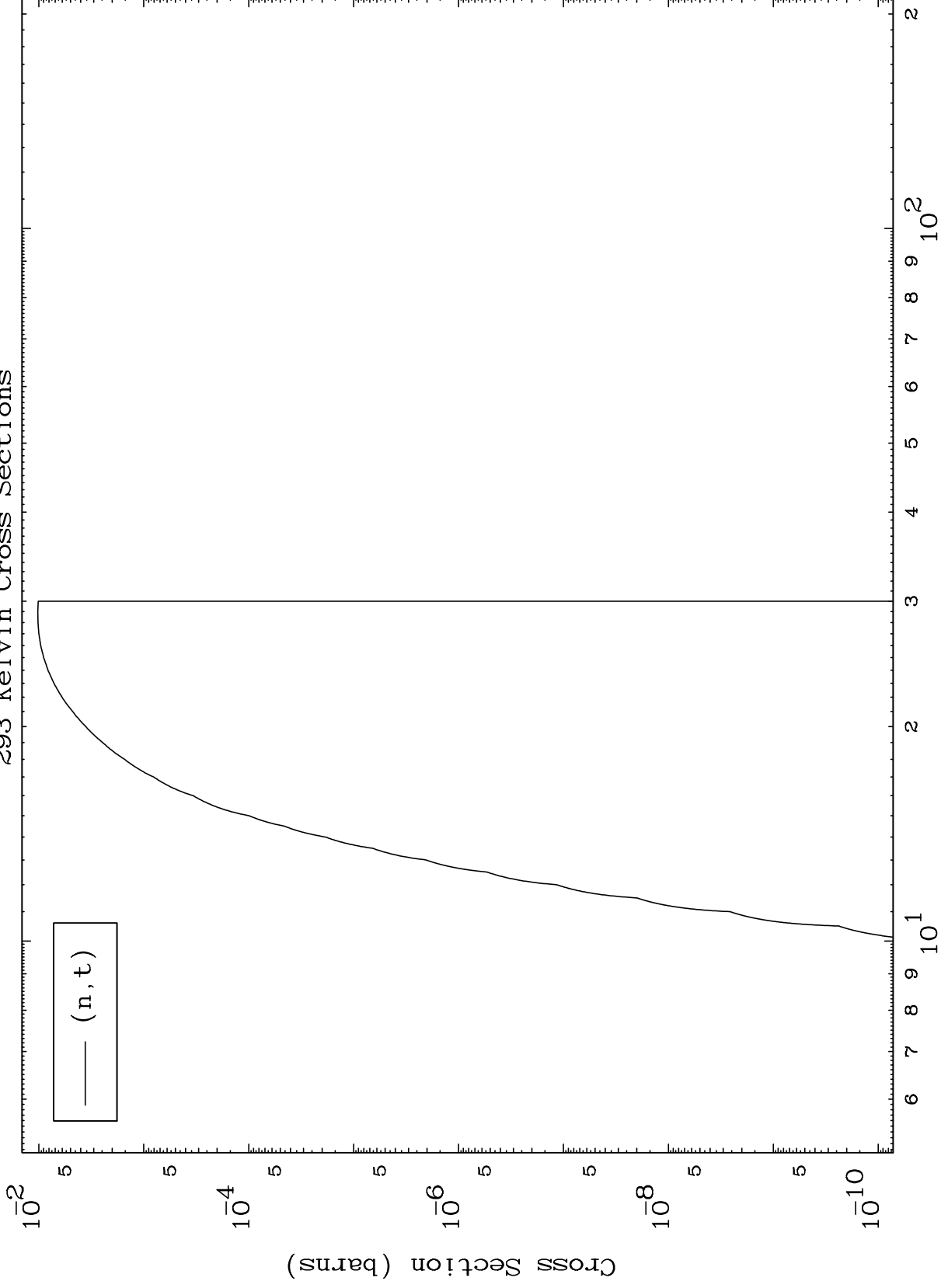


(n,d)

MAT 7177

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-158



12

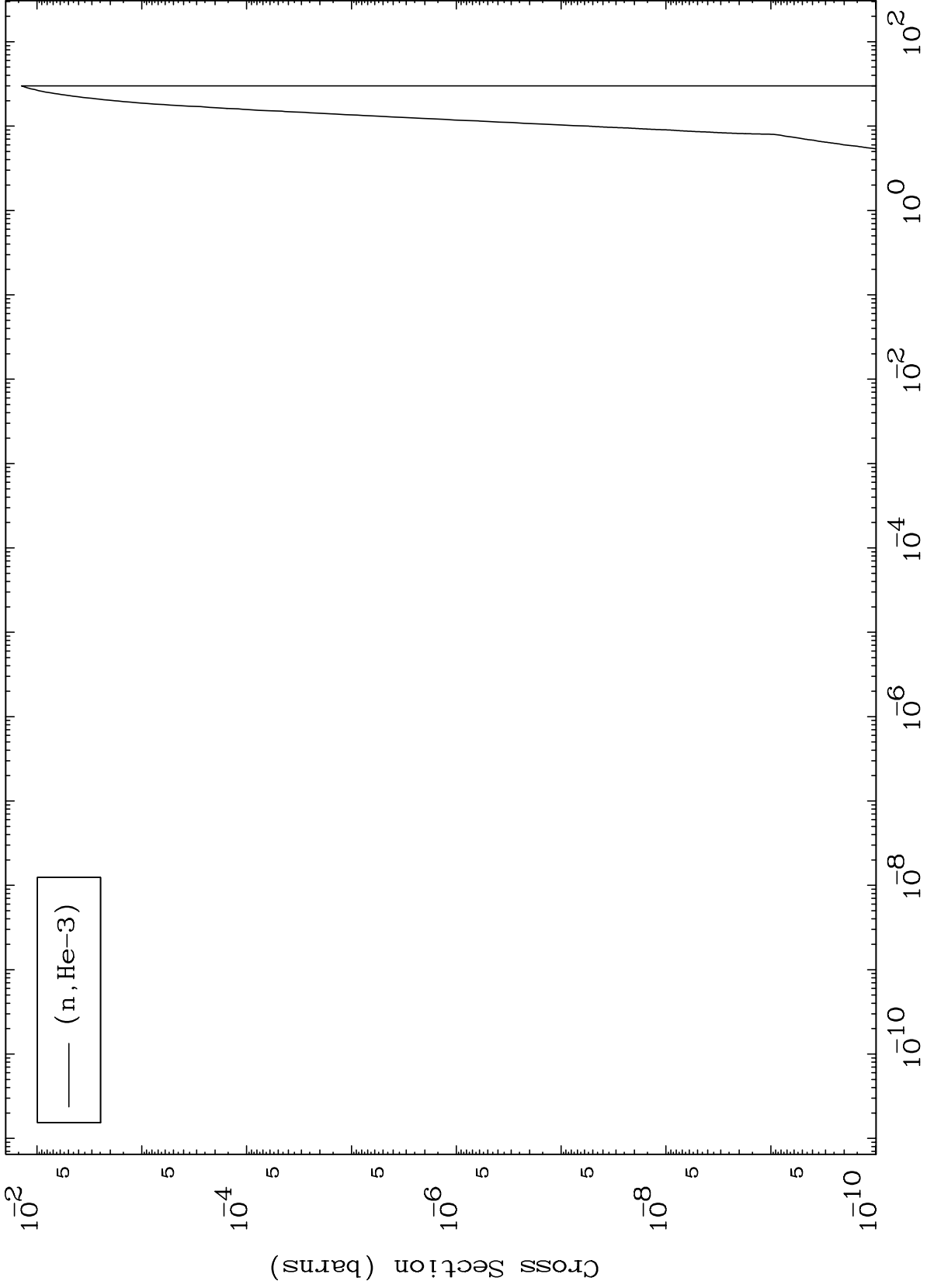
Incident Energy (MeV)

72-Hf-158

MAT 7177

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-158



13

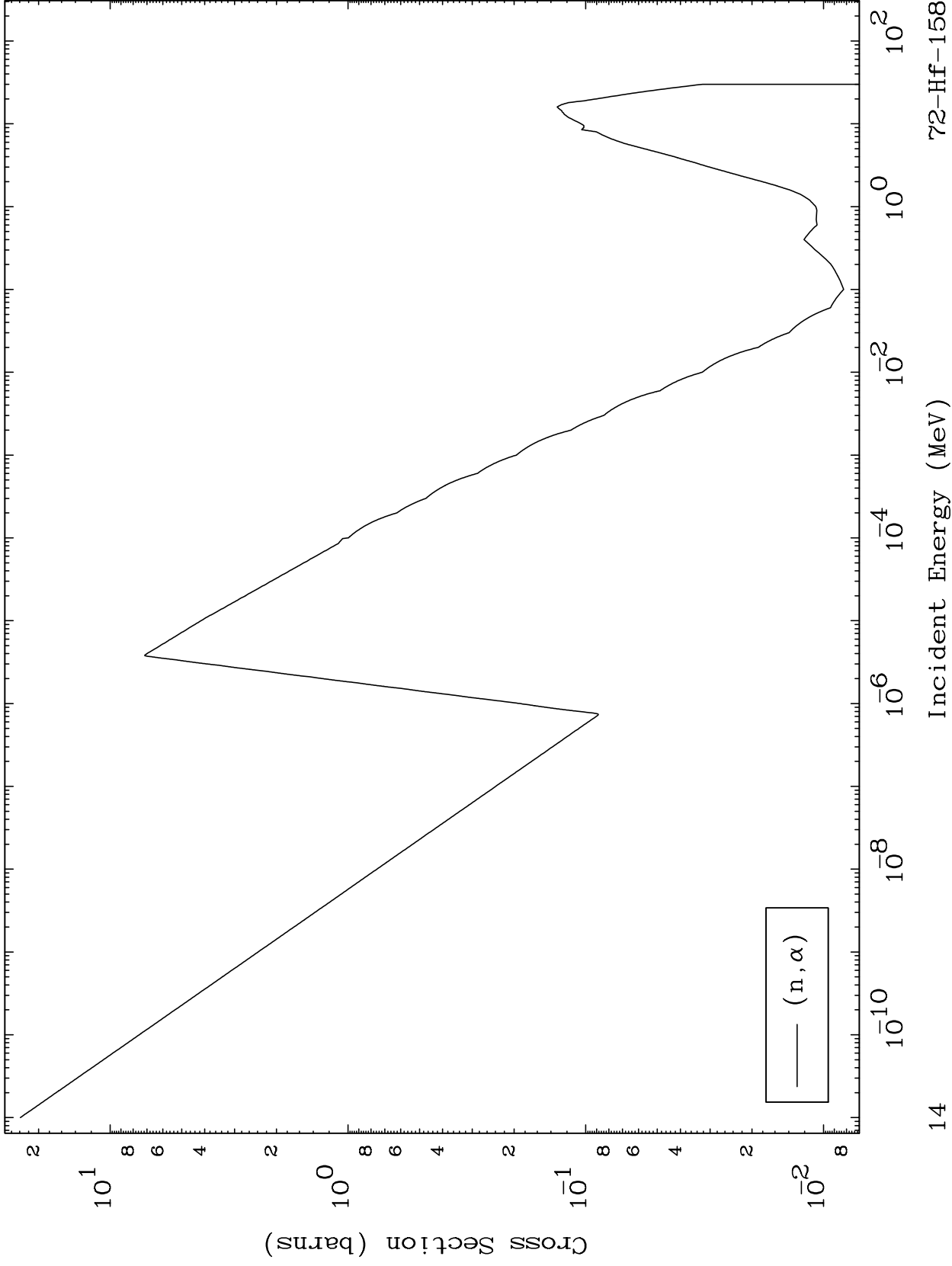
Incident Energy (MeV)

72-Hf-158

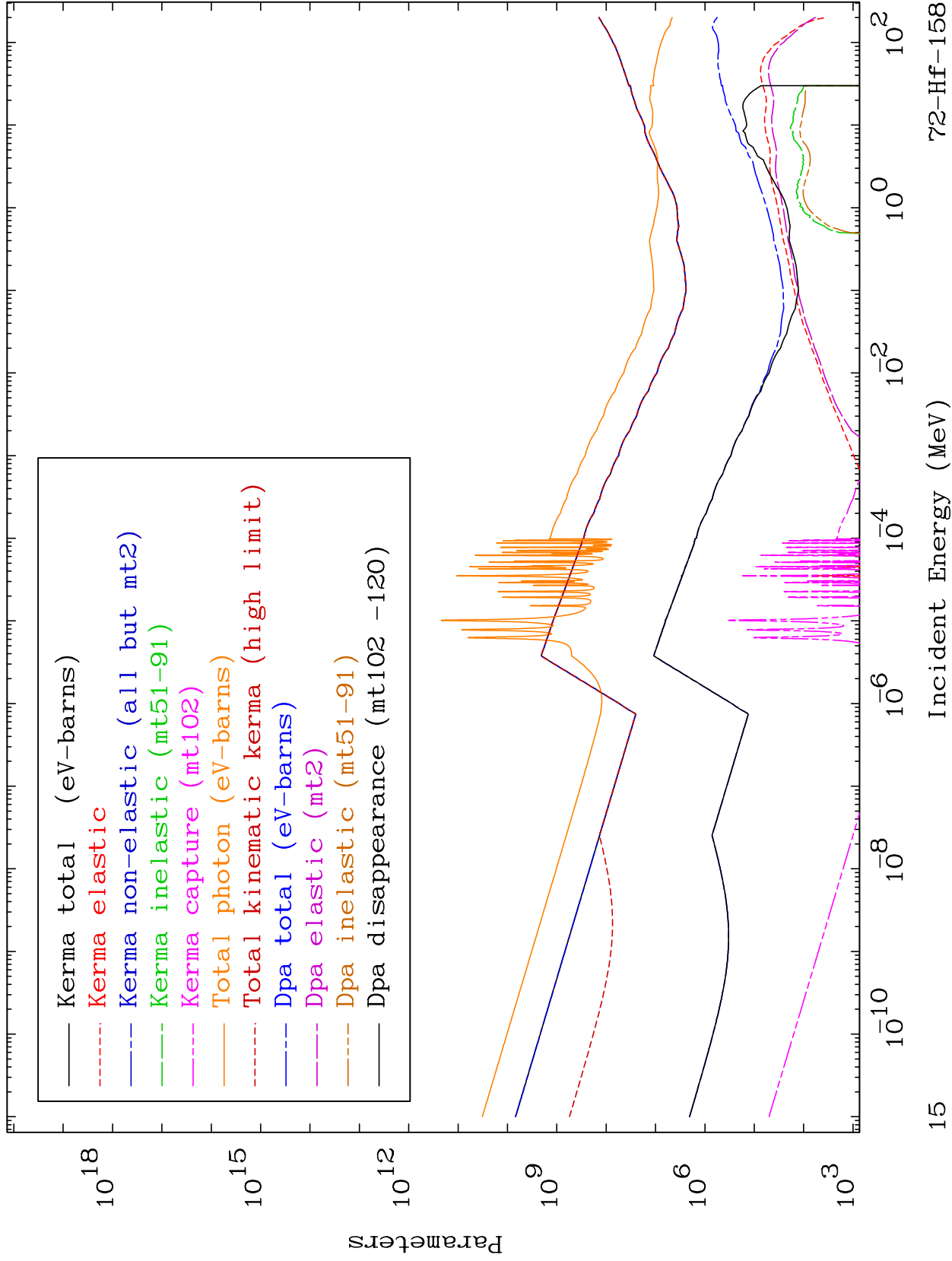
MAT 7177

(n,α) Levels
293 Kelvin Cross Sections

72-Hf-158



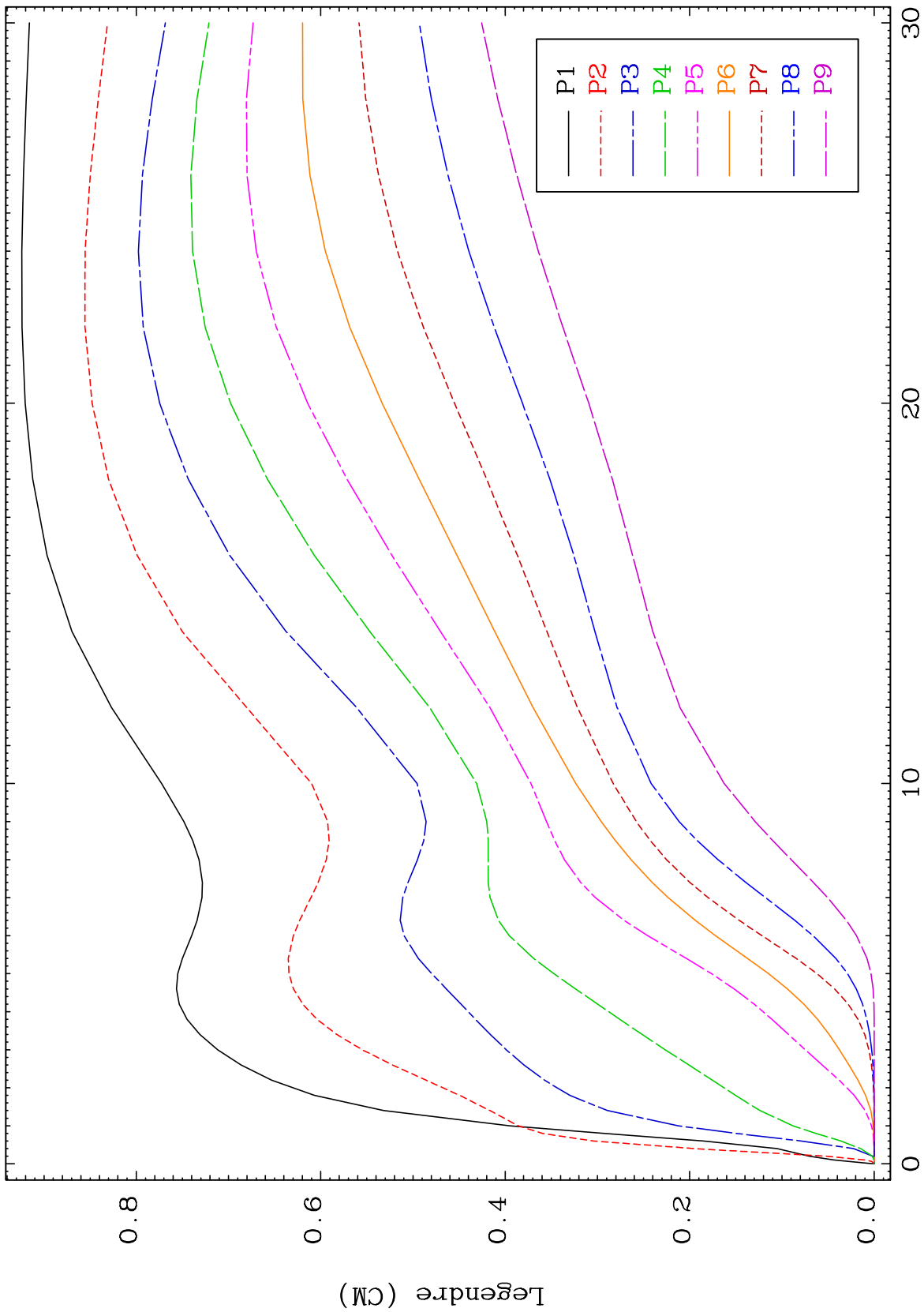
72-Hf-158



MAT 7177

72-Hf-158

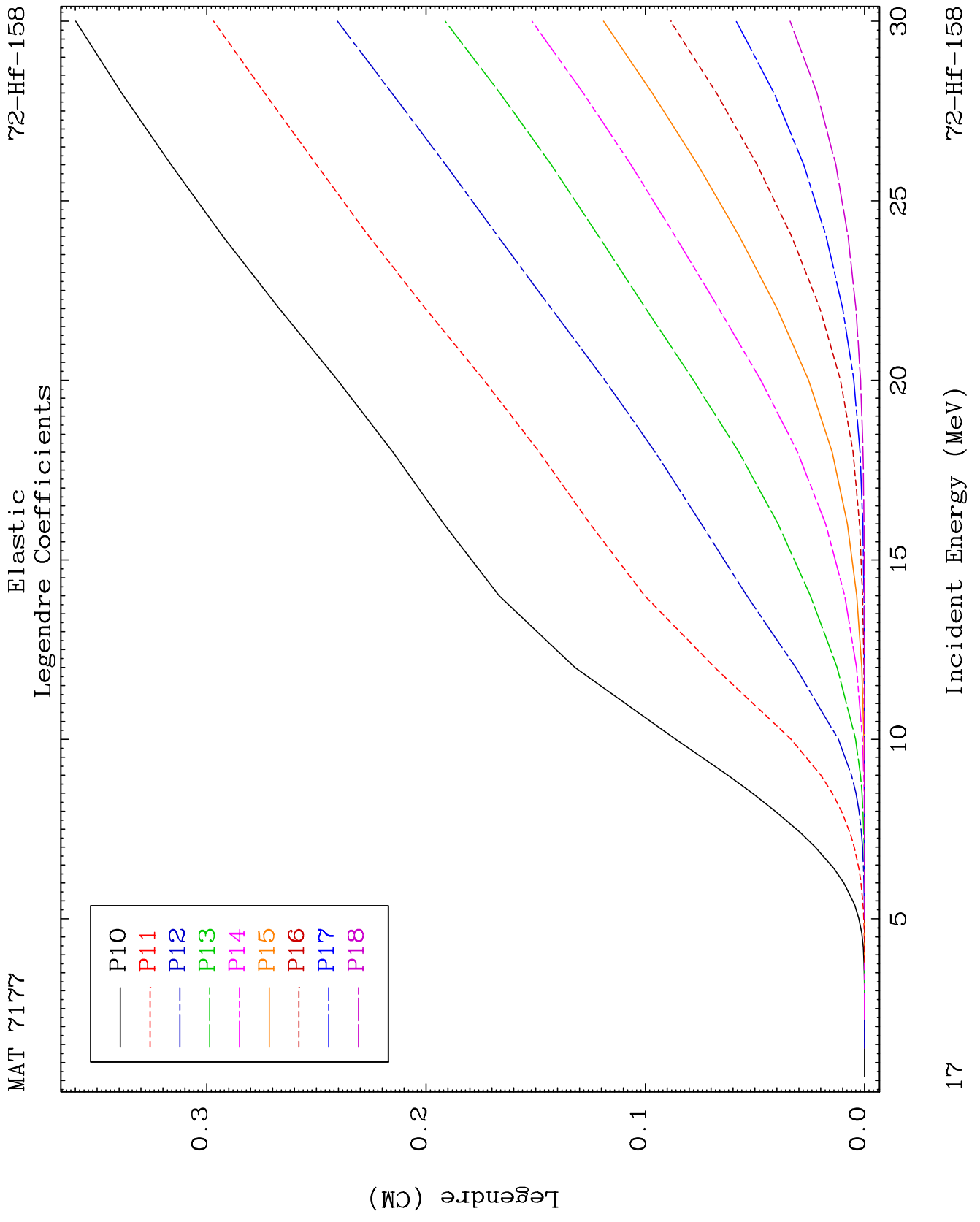
Elastic Legendre Coefficients



72-Hf-158

Incident Energy (MeV)

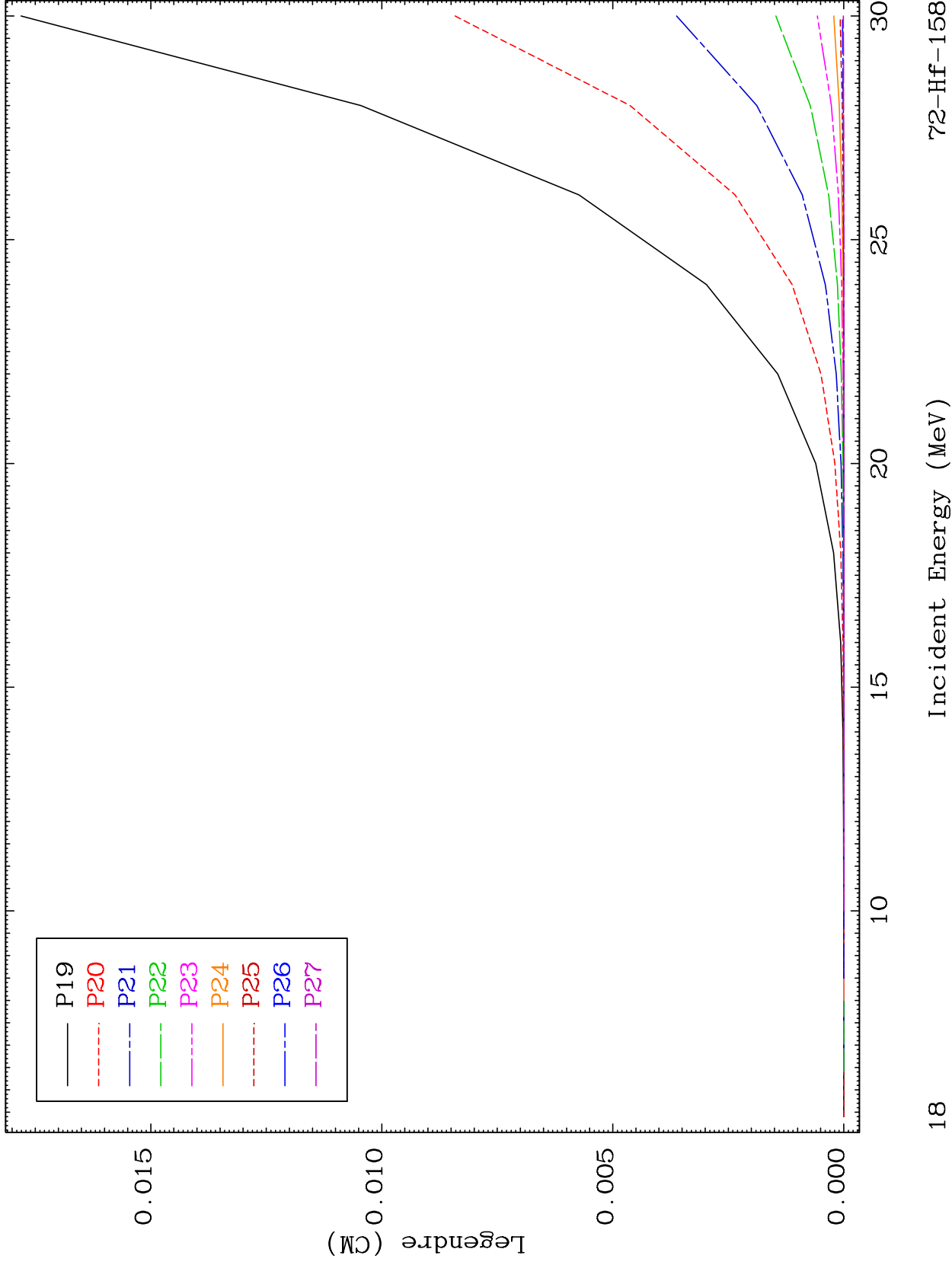
16



MAT 7177

Elastic Legendre Coefficients

72-Hf-158



18

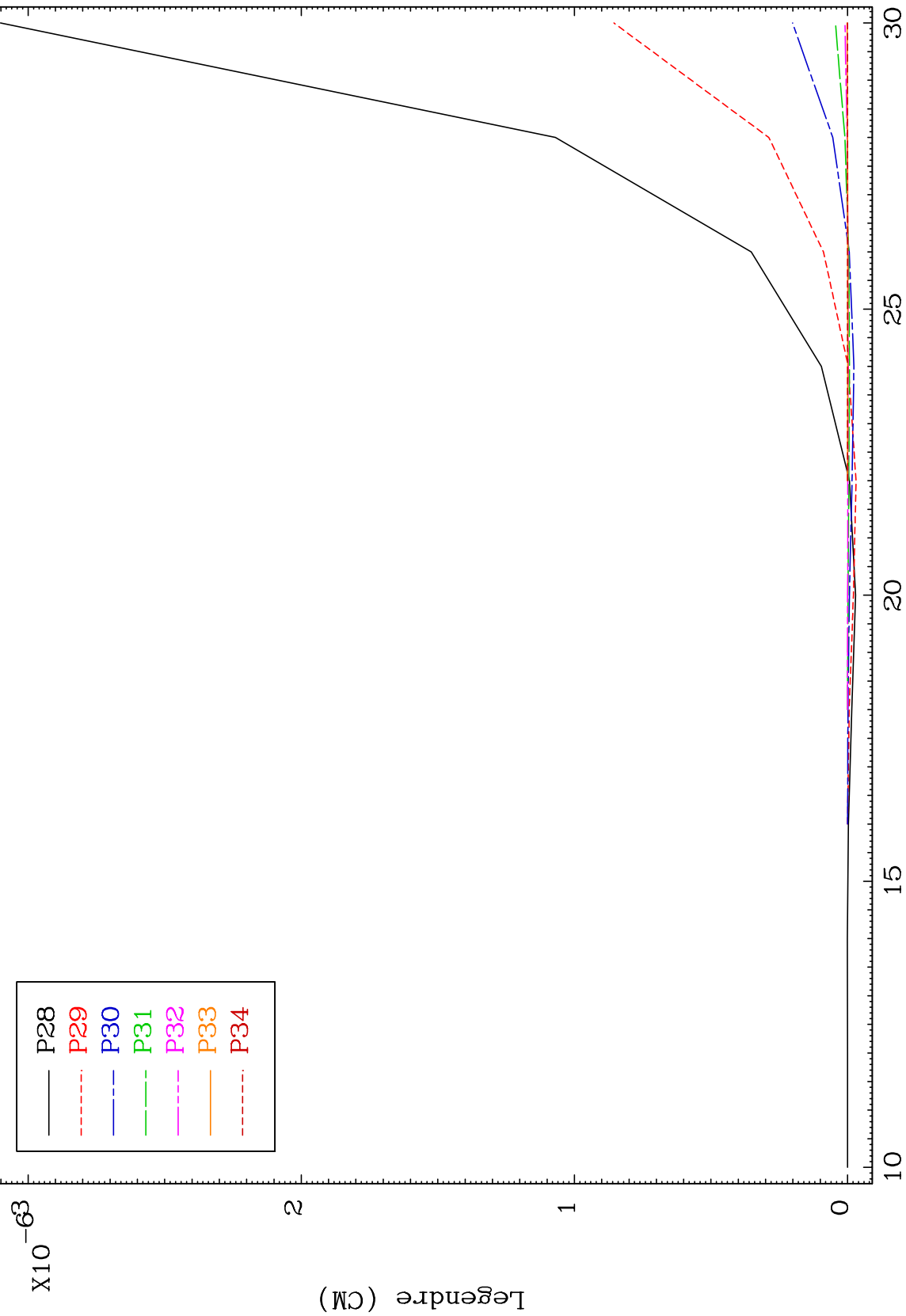
Incident Energy (MeV)

72-Hf-158

MAT 7177

Elastic Legendre Coefficients

72-Hf-158



19

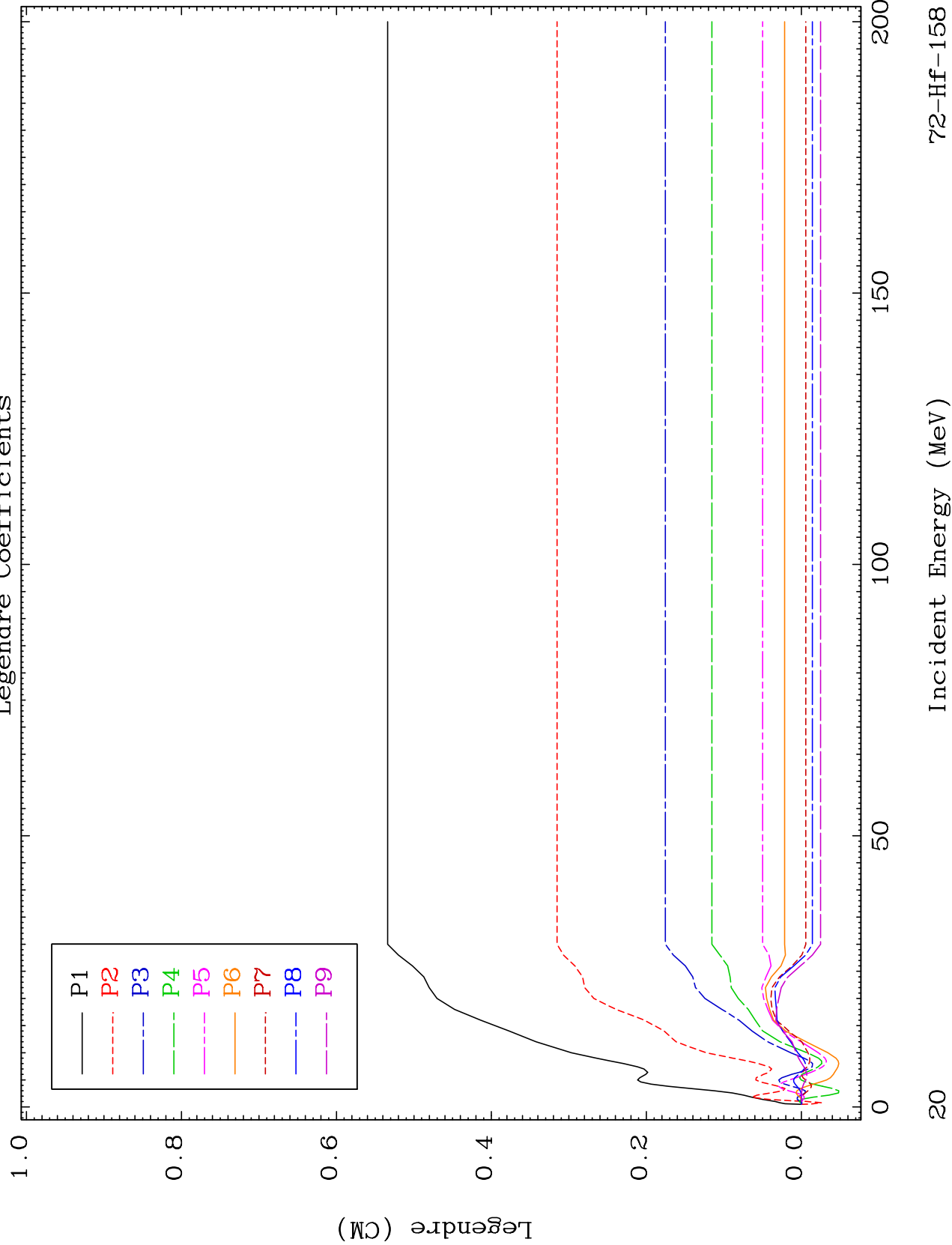
Incident Energy (MeV)

72-Hf-158

MAT 71777

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

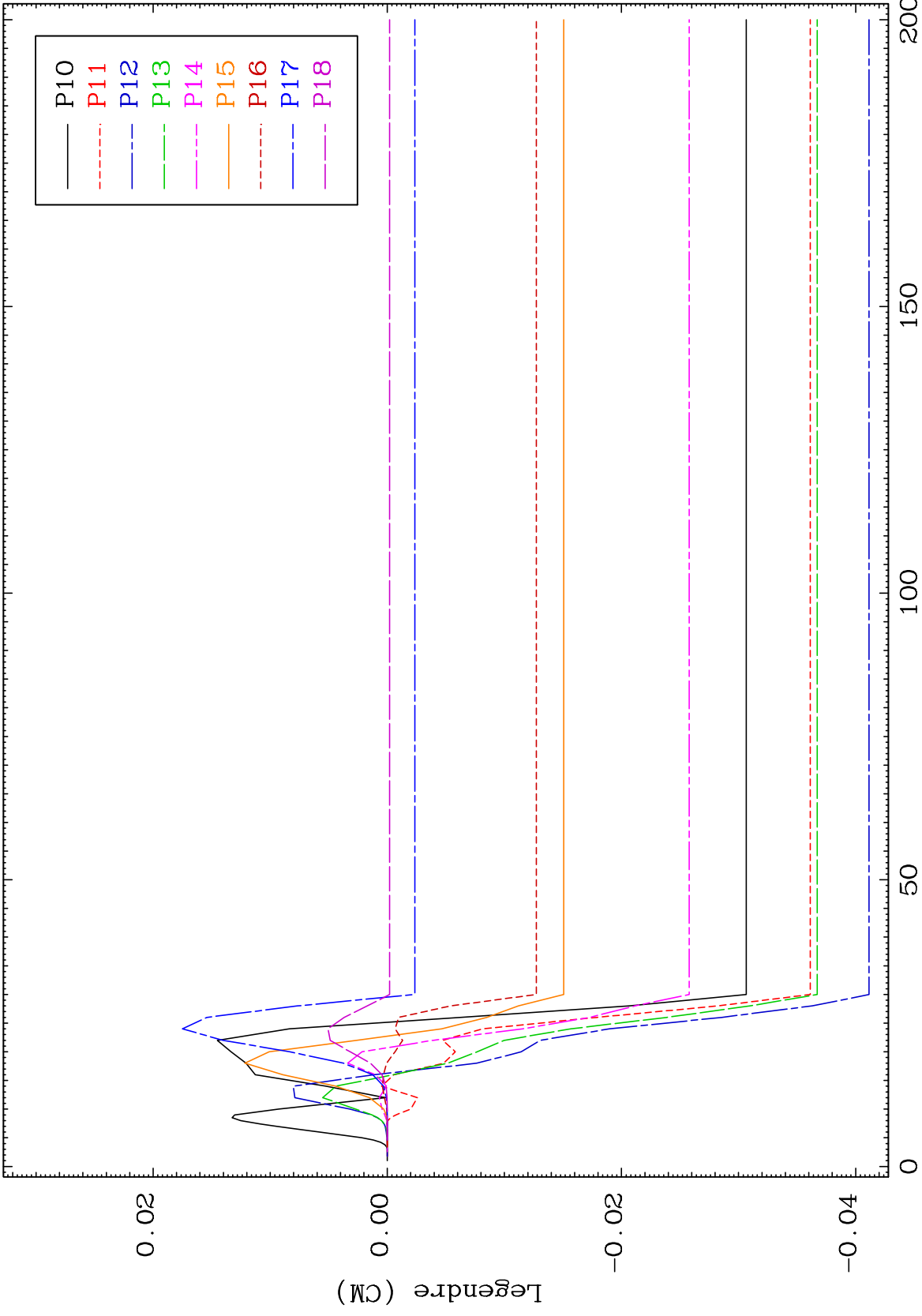
72-Hf-158



MAT 7177

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

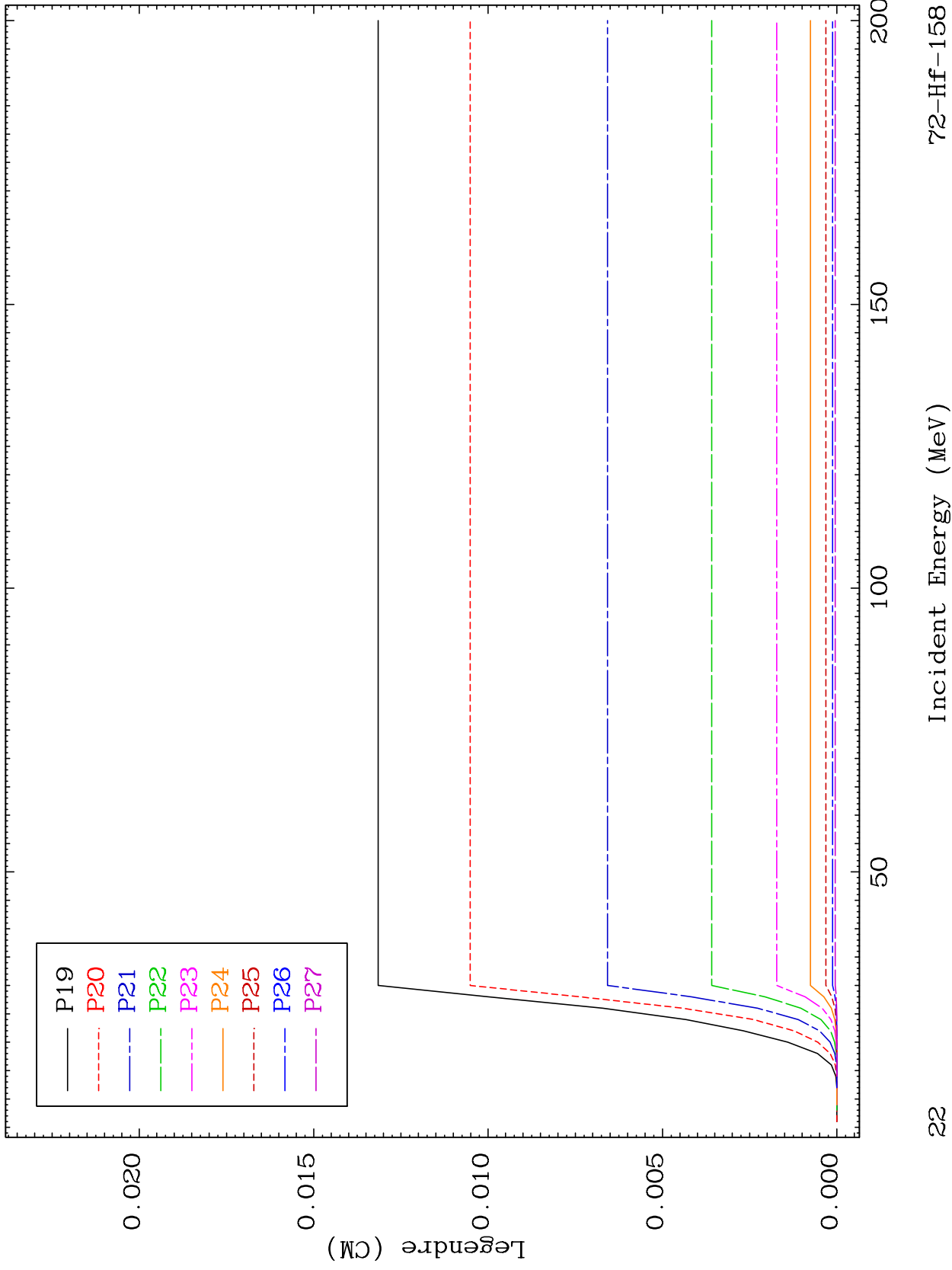
72-Hf-158



21

Incident Energy (MeV)

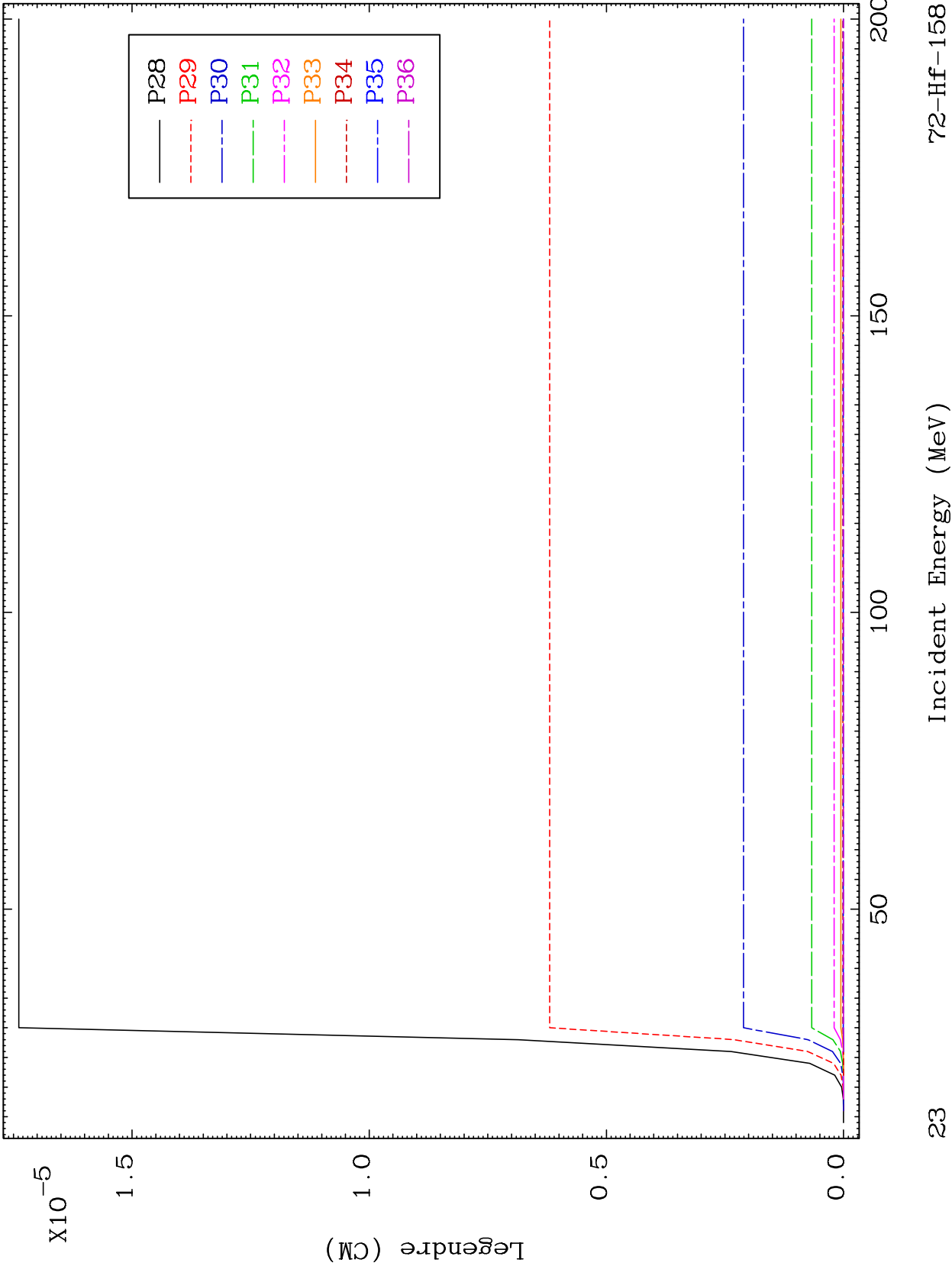
72-Hf-158



MAT 7177

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

72-Hf-158



23

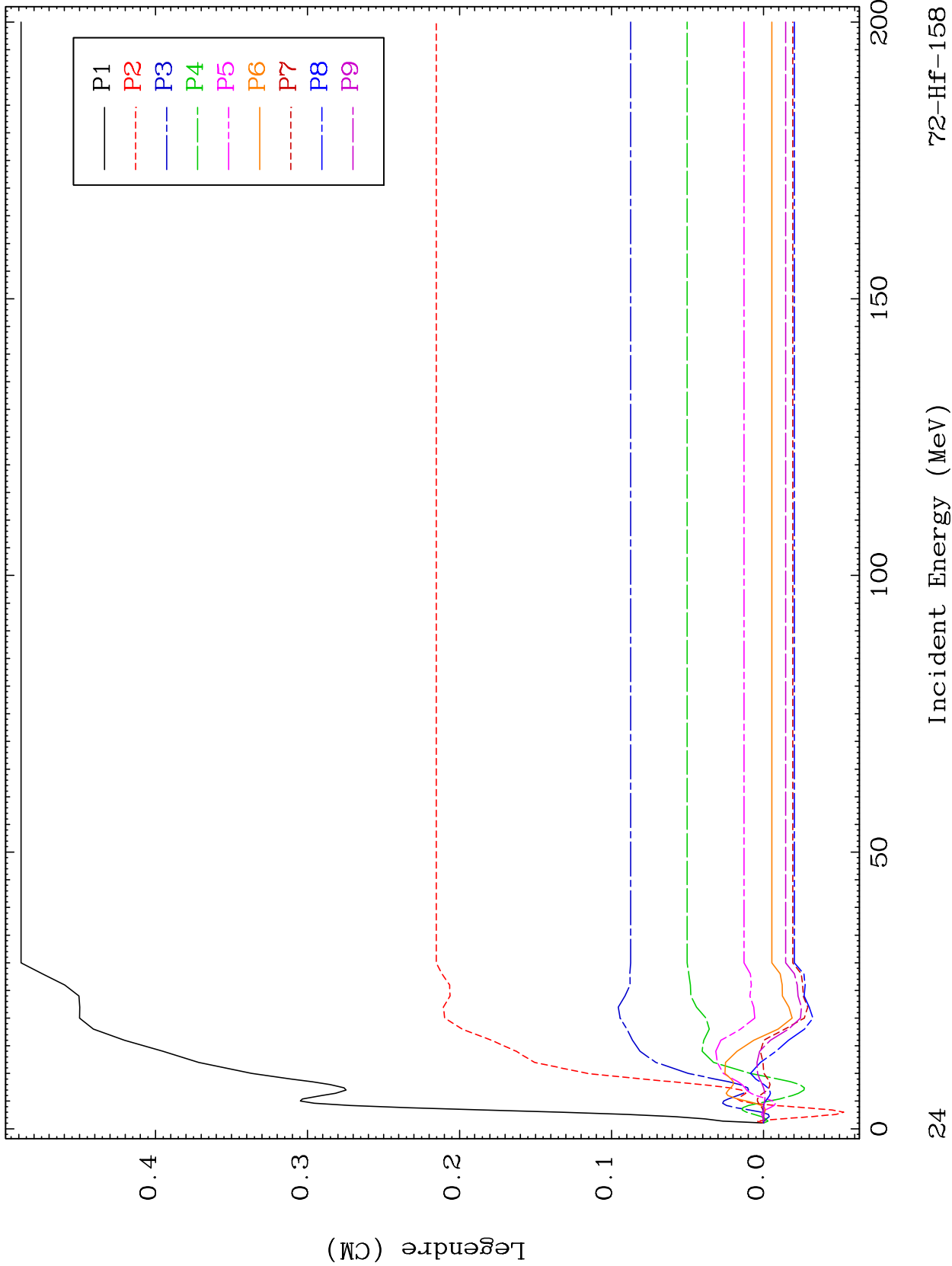
Incident Energy (MeV)

72-Hf-158

MAT 7177

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

72-Hf-158



72-Hf-158

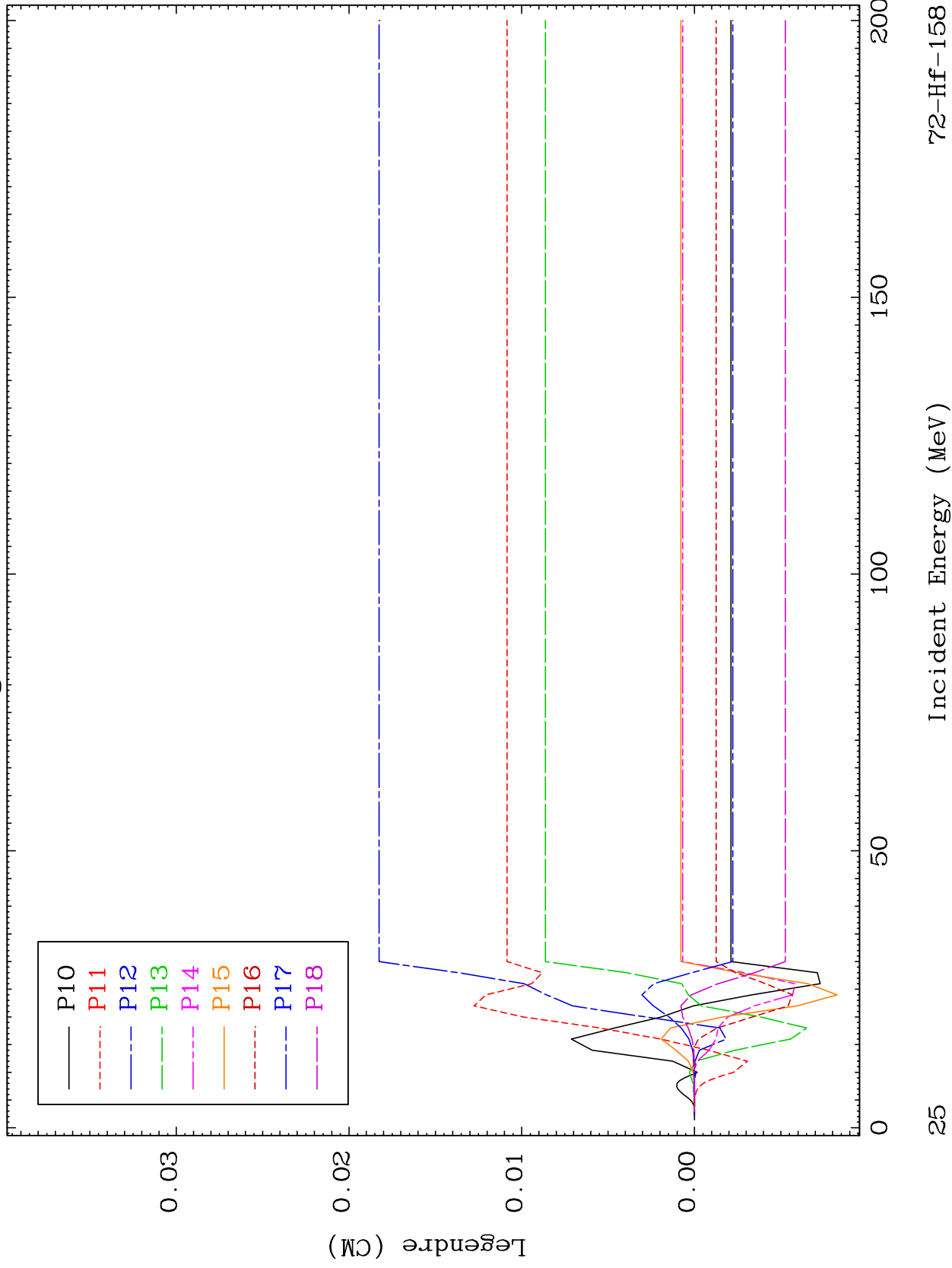
Incident Energy (MeV)

24

MAT 7177

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

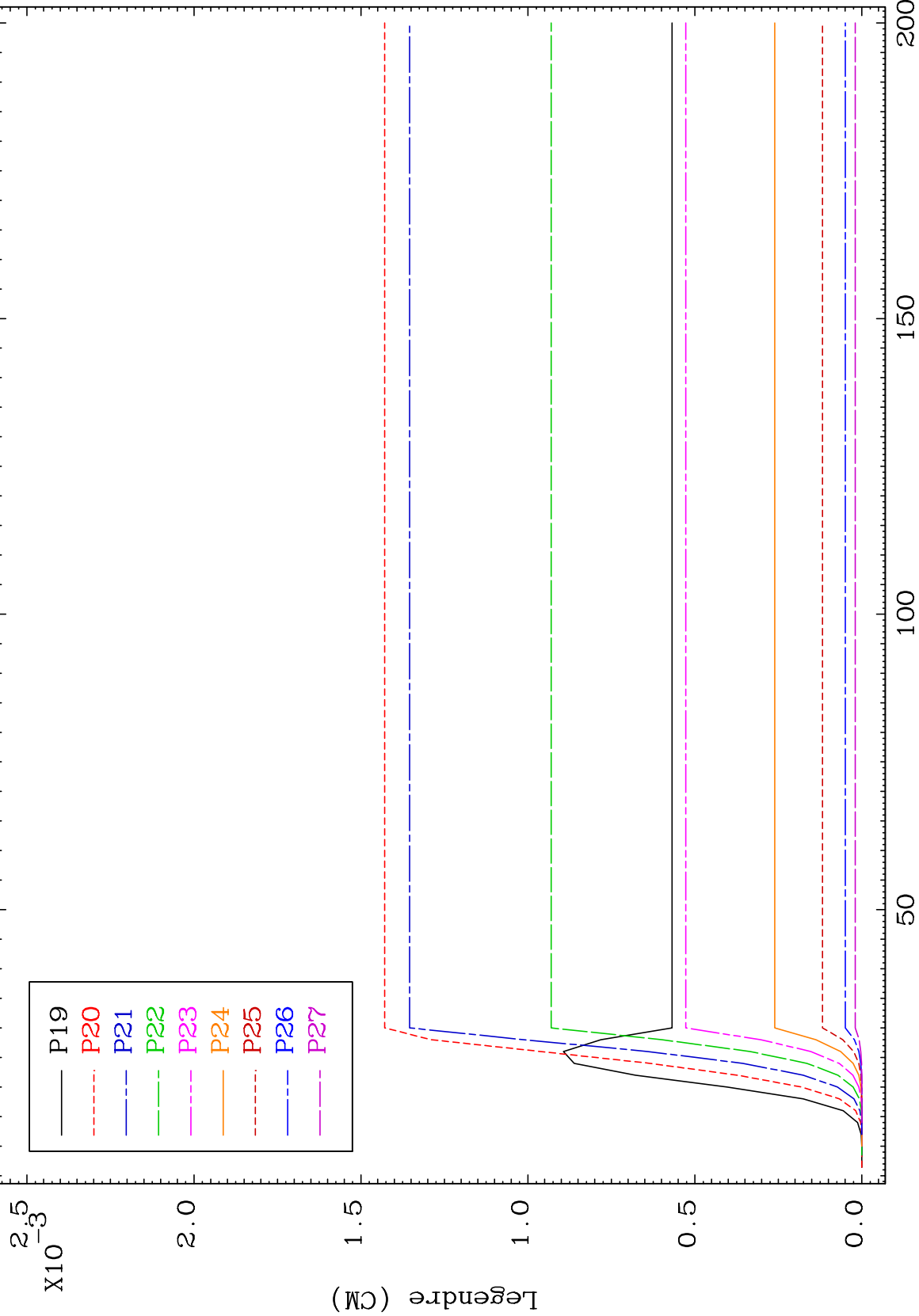
72-Hf-158



72-Hf-158

Incident Energy (MeV)

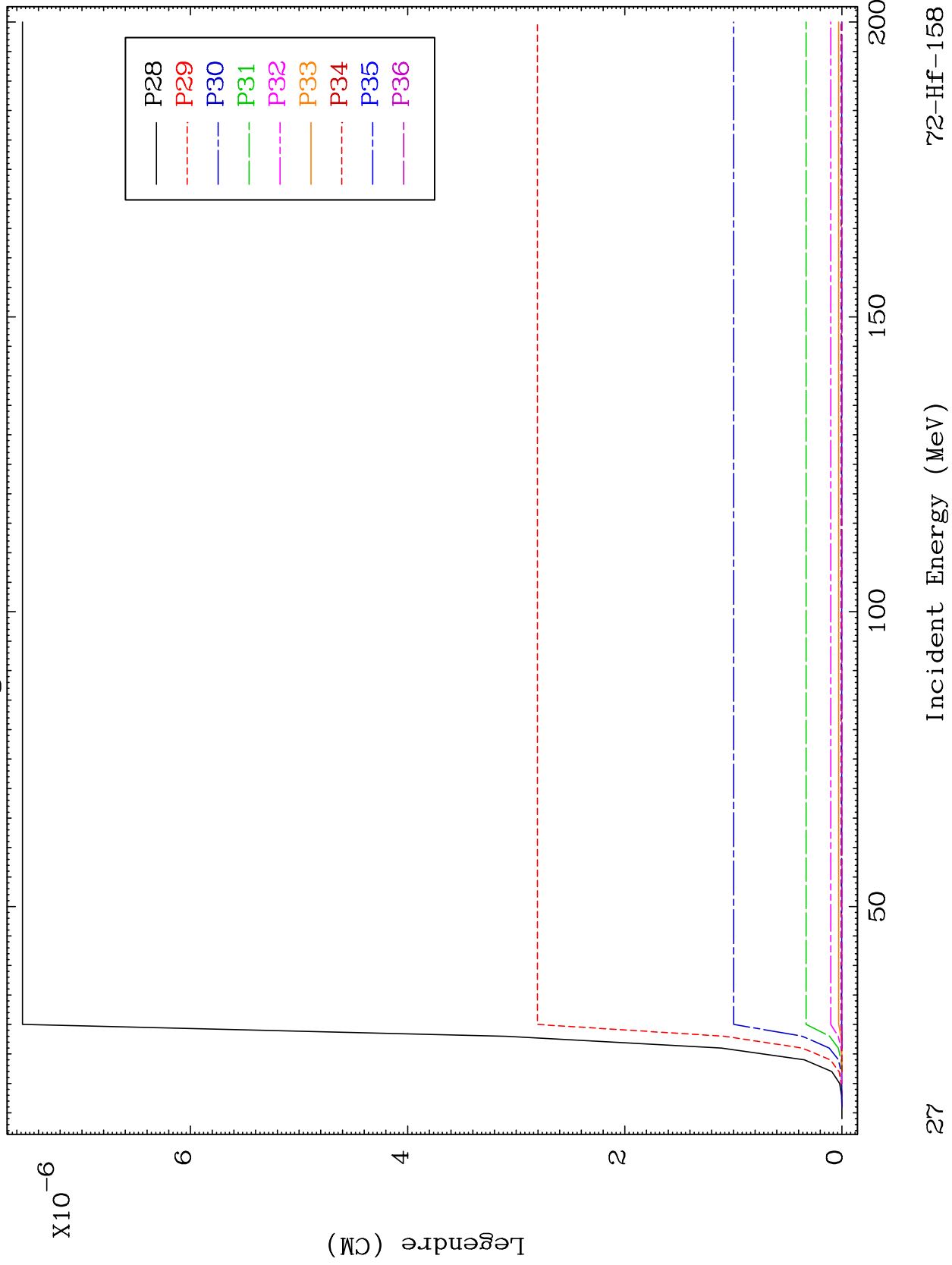
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MAT 7177

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

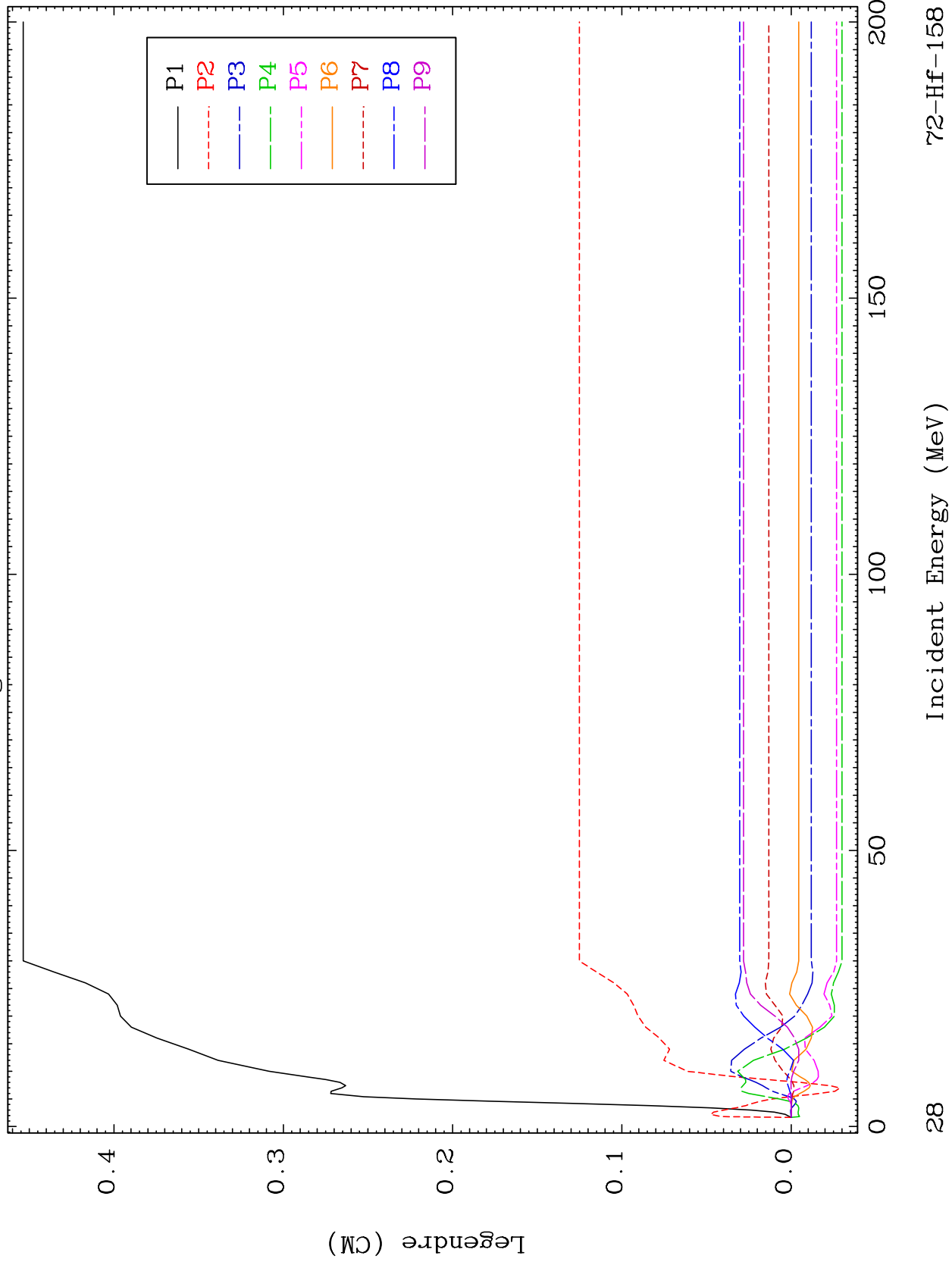
72-Hf-158



MAT 7177

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

72-Hf-158



72-Hf-158

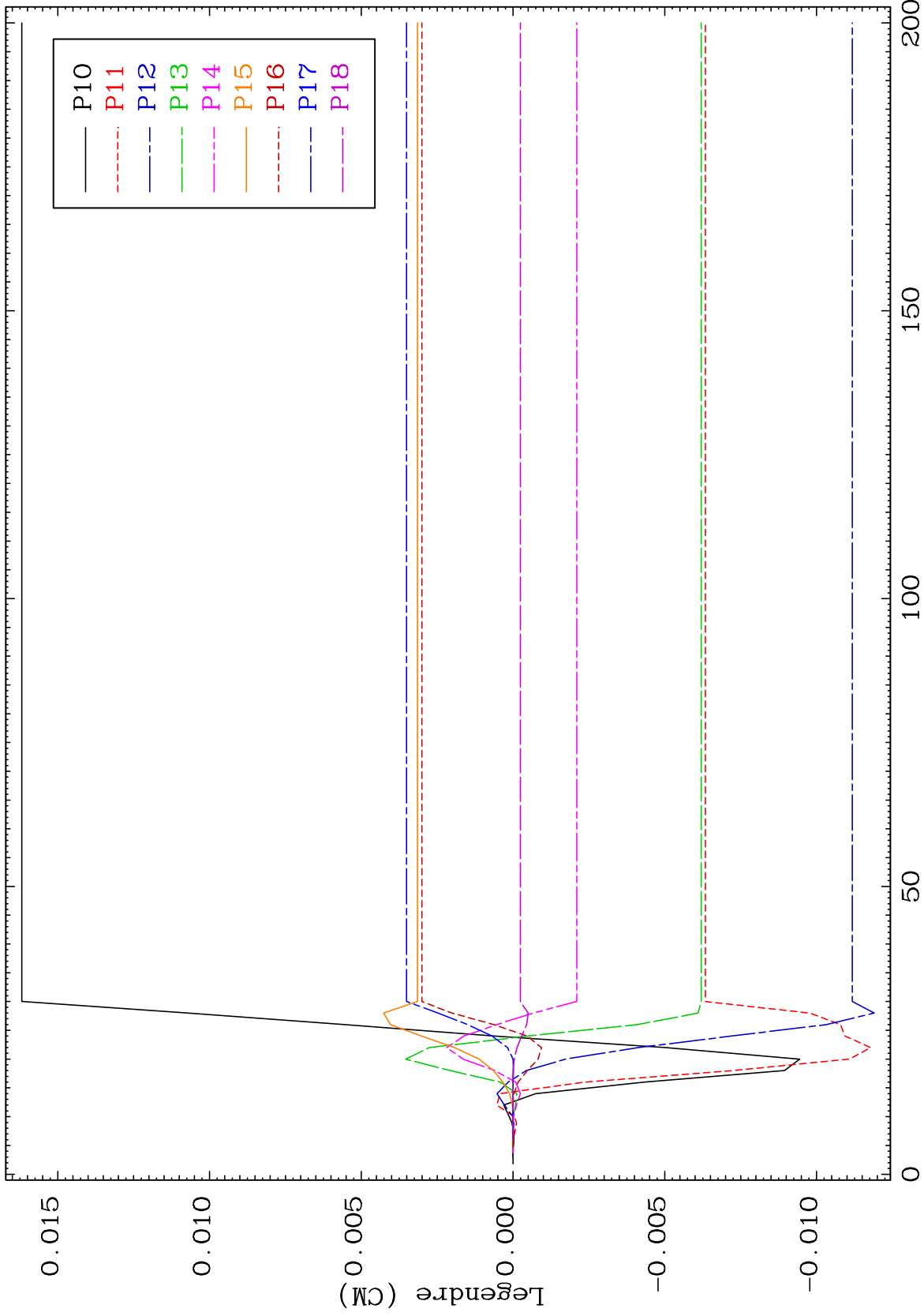
Incident Energy (MeV)

28

MAT 7177

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

72-Hf-158



29

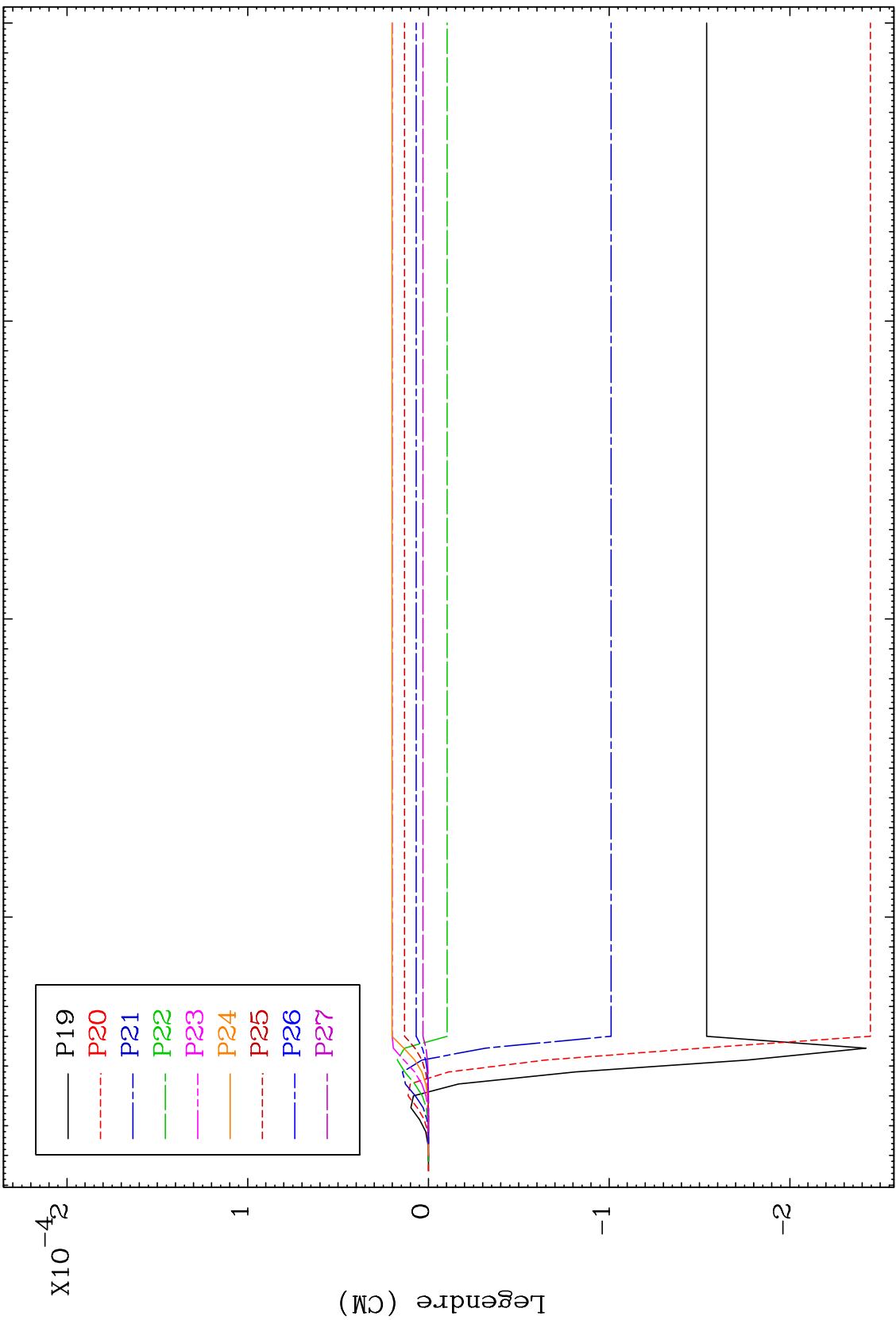
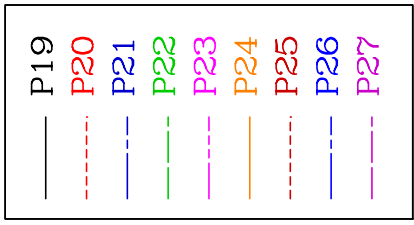
Incident Energy (MeV)

72-Hf-158

MAT 7177

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

72-Hf-158



30

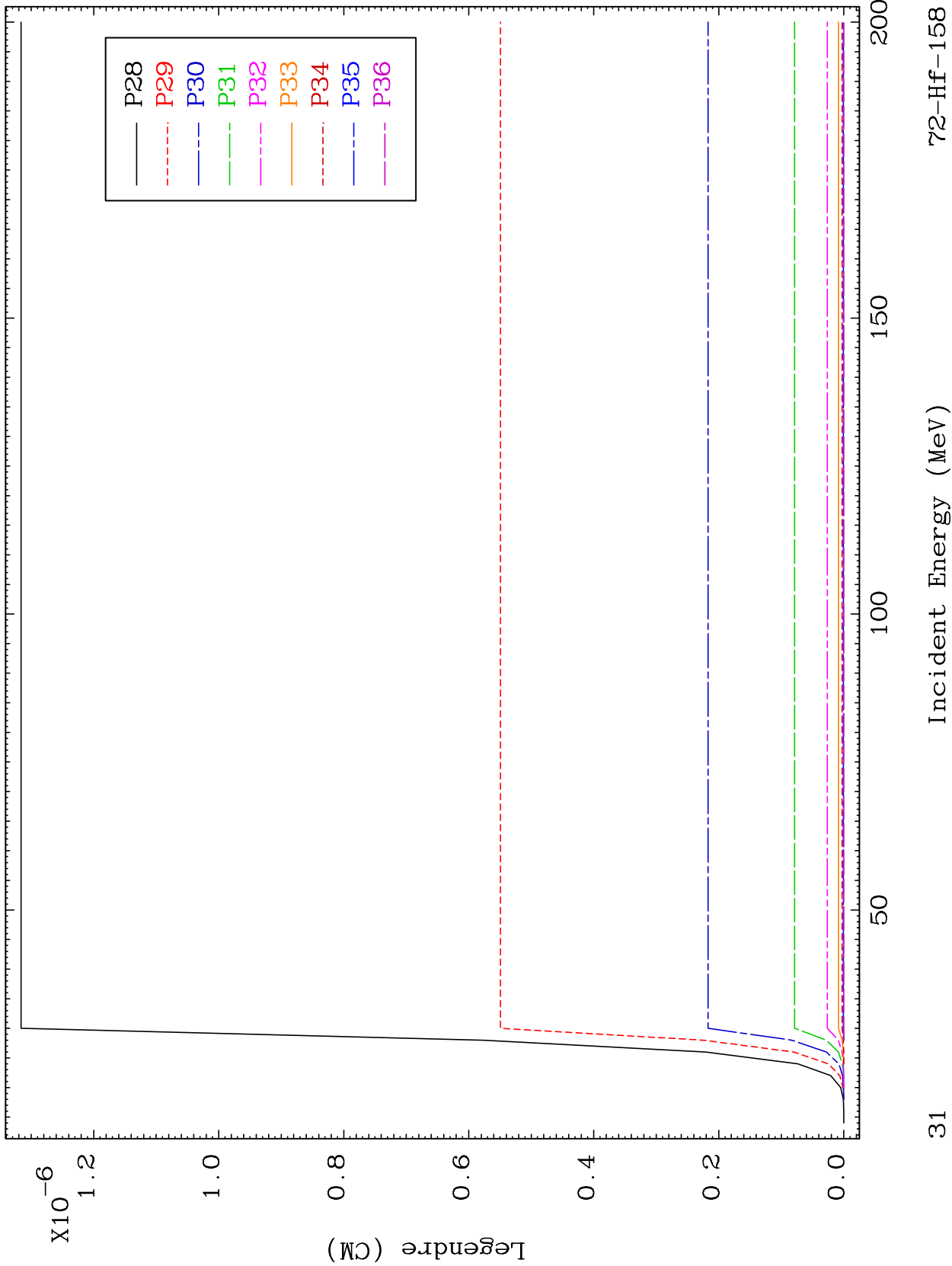
Incident Energy (MeV)

72-Hf-158

MAT 7177

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

72-Hf-158



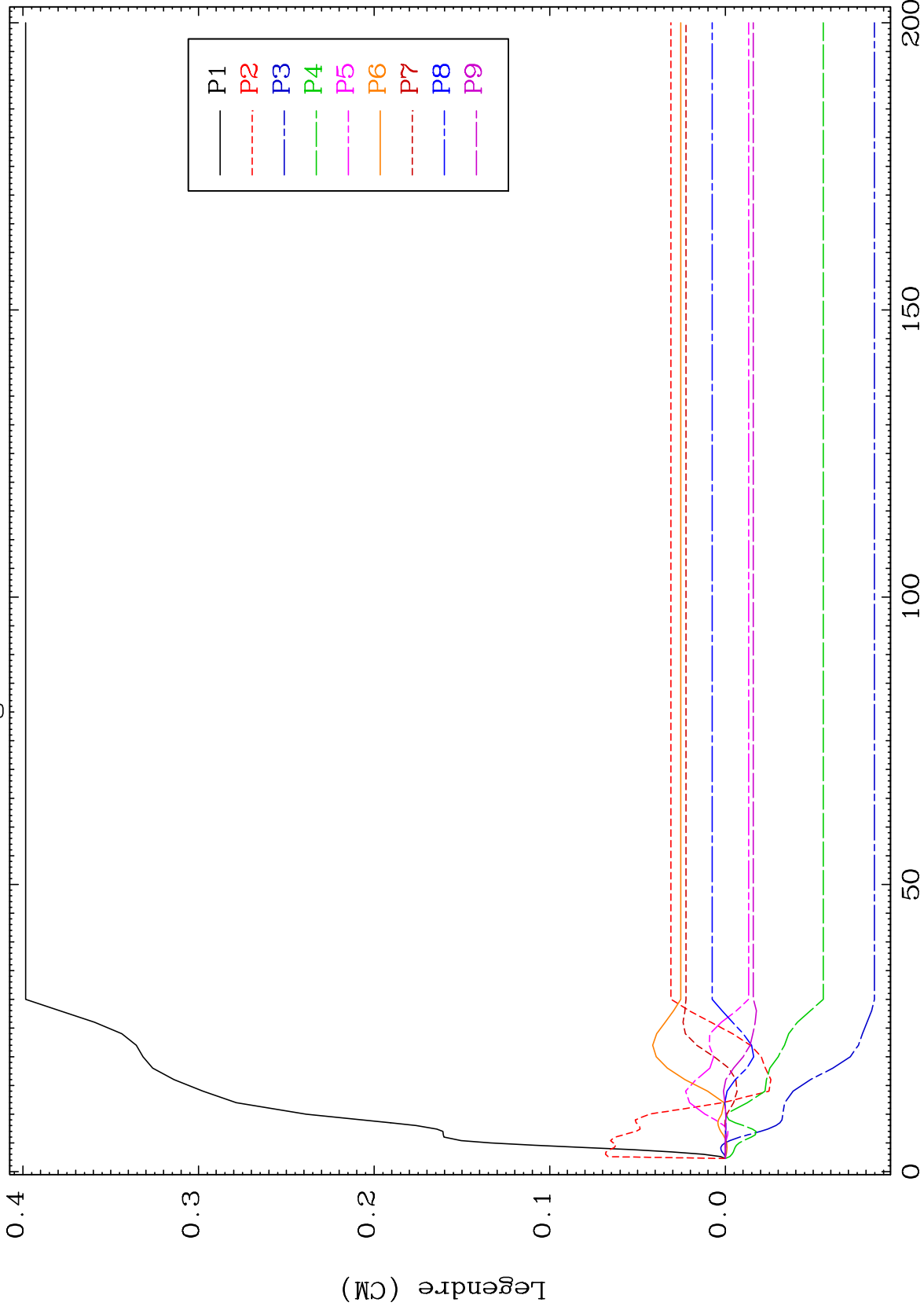
31

72-Hf-158

MAT 7177

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

72-Hf-158



32

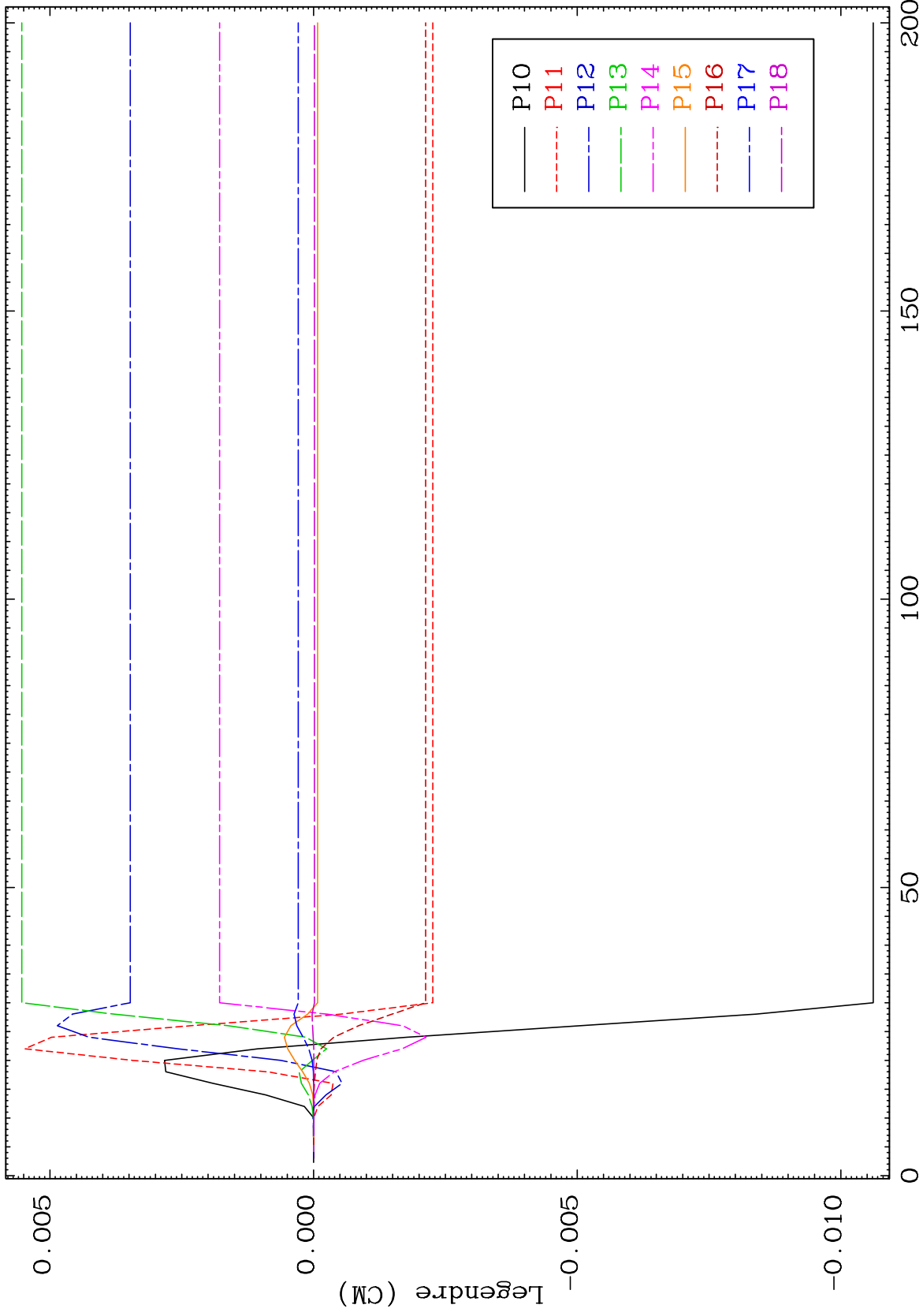
Incident Energy (MeV)

72-Hf-158

MAT 7177

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

72-Hf-158



33

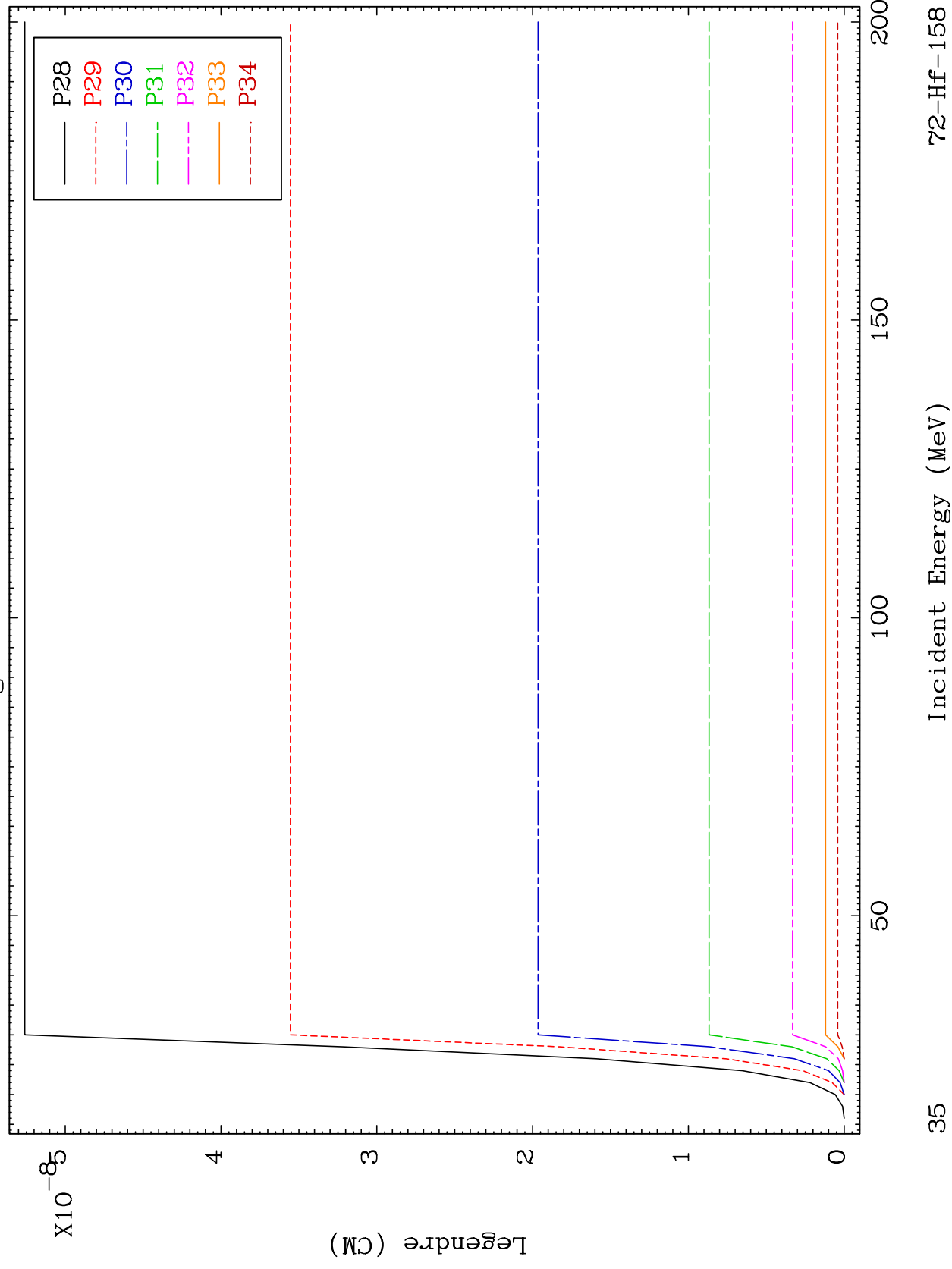
Incident Energy (MeV)

72-Hf-158

MAT 7177

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

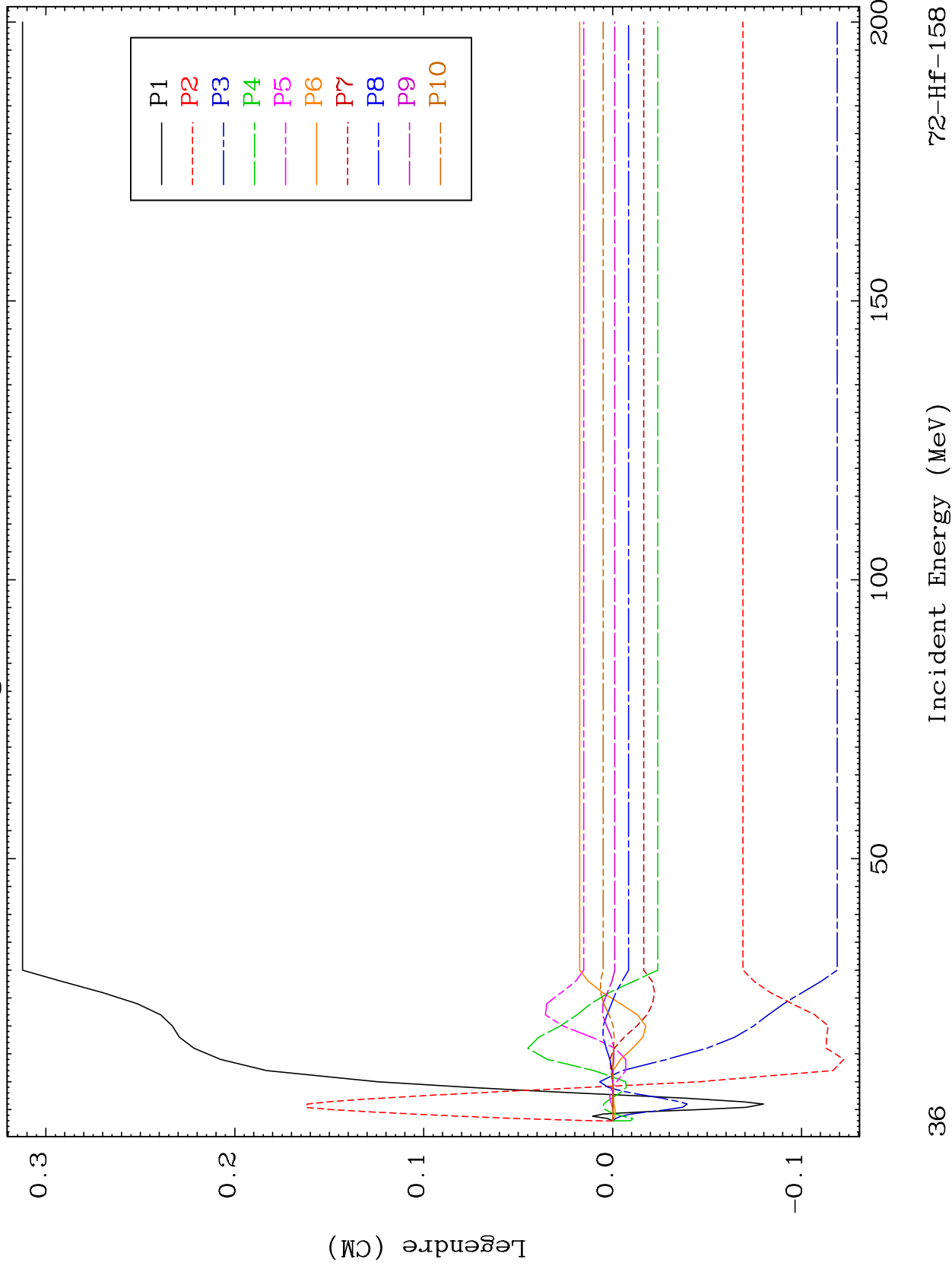
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35

Incident Energy (MeV)

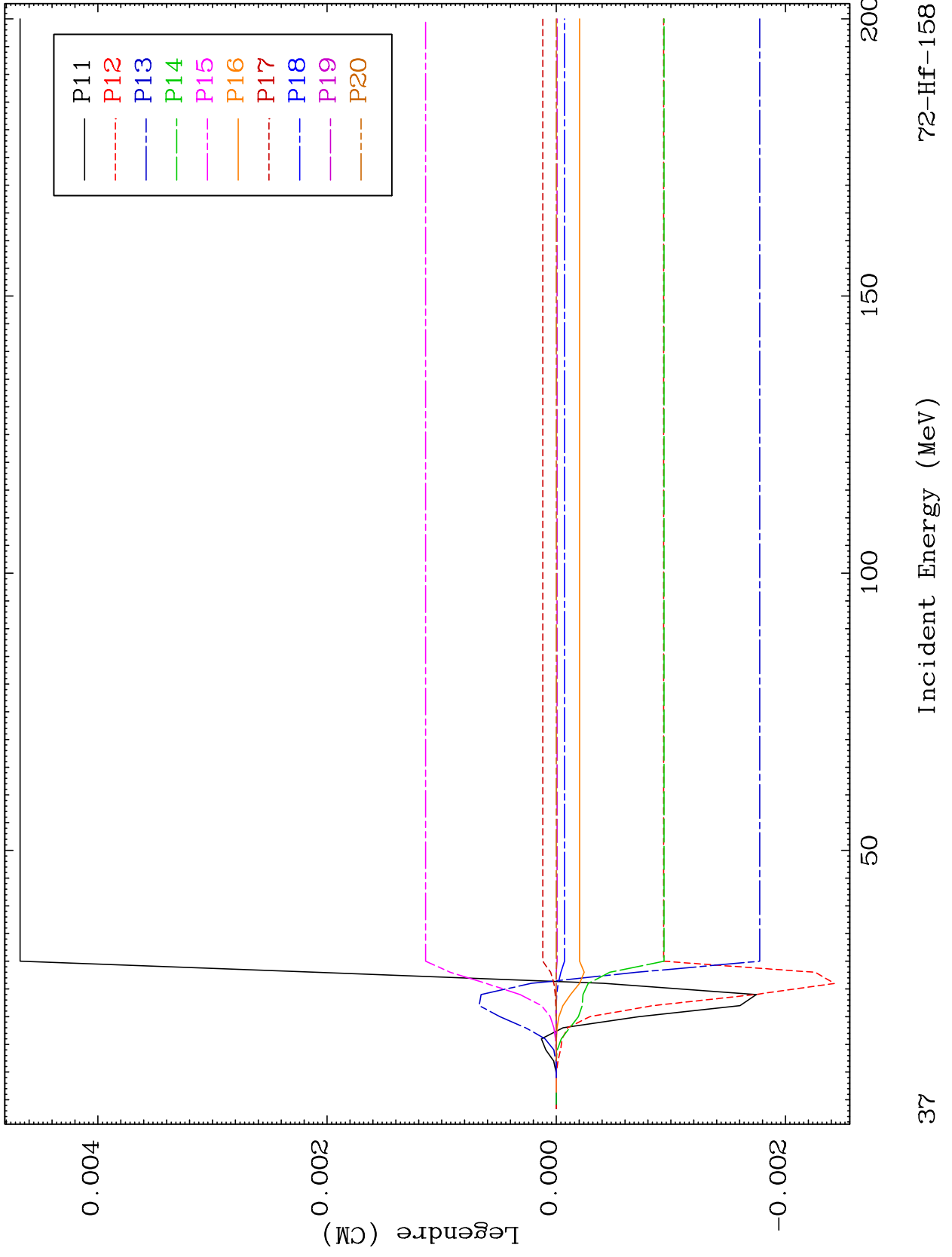
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MAT 7177

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

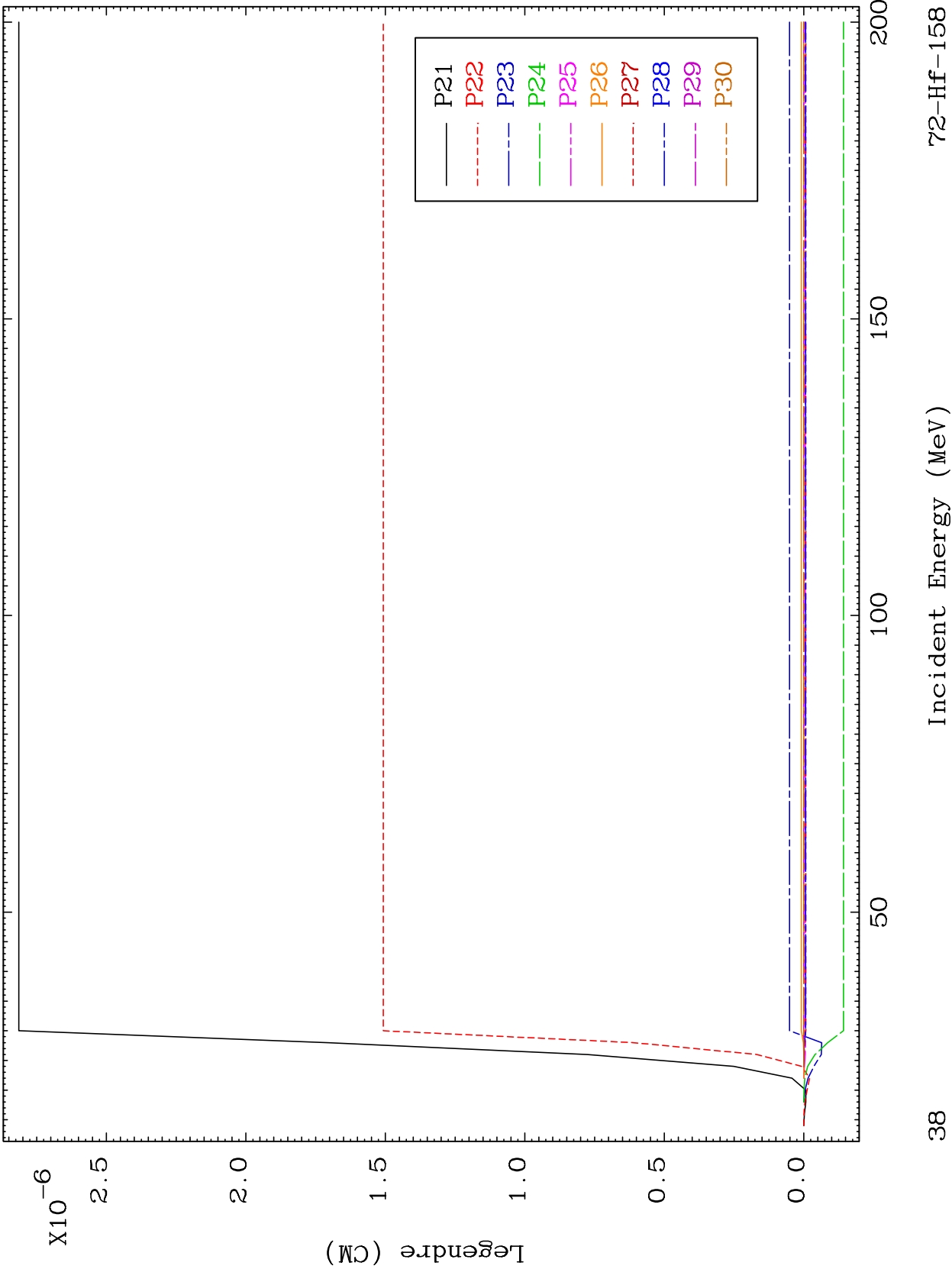
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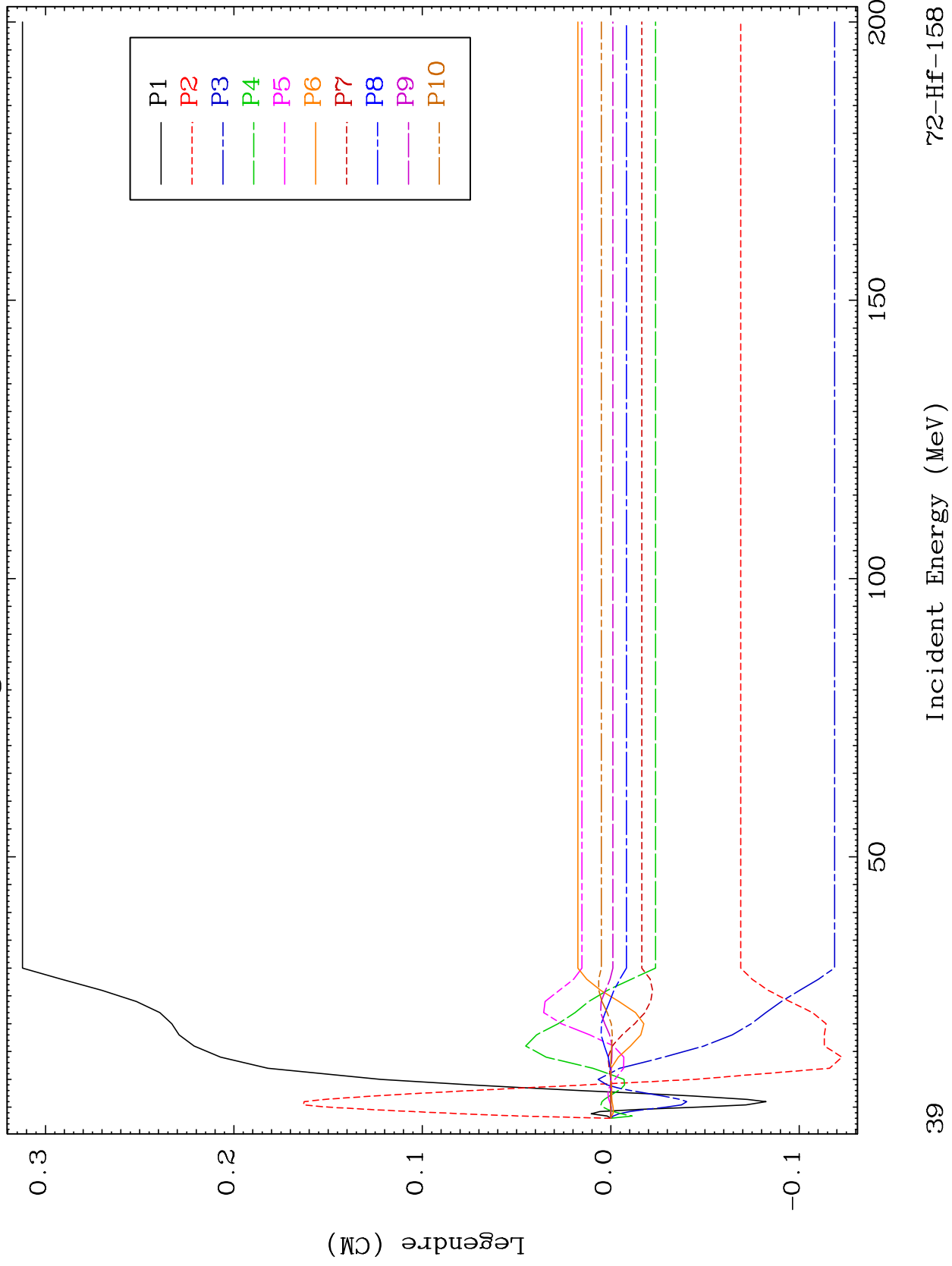


37

Incident Energy (MeV)

72-Hf-158

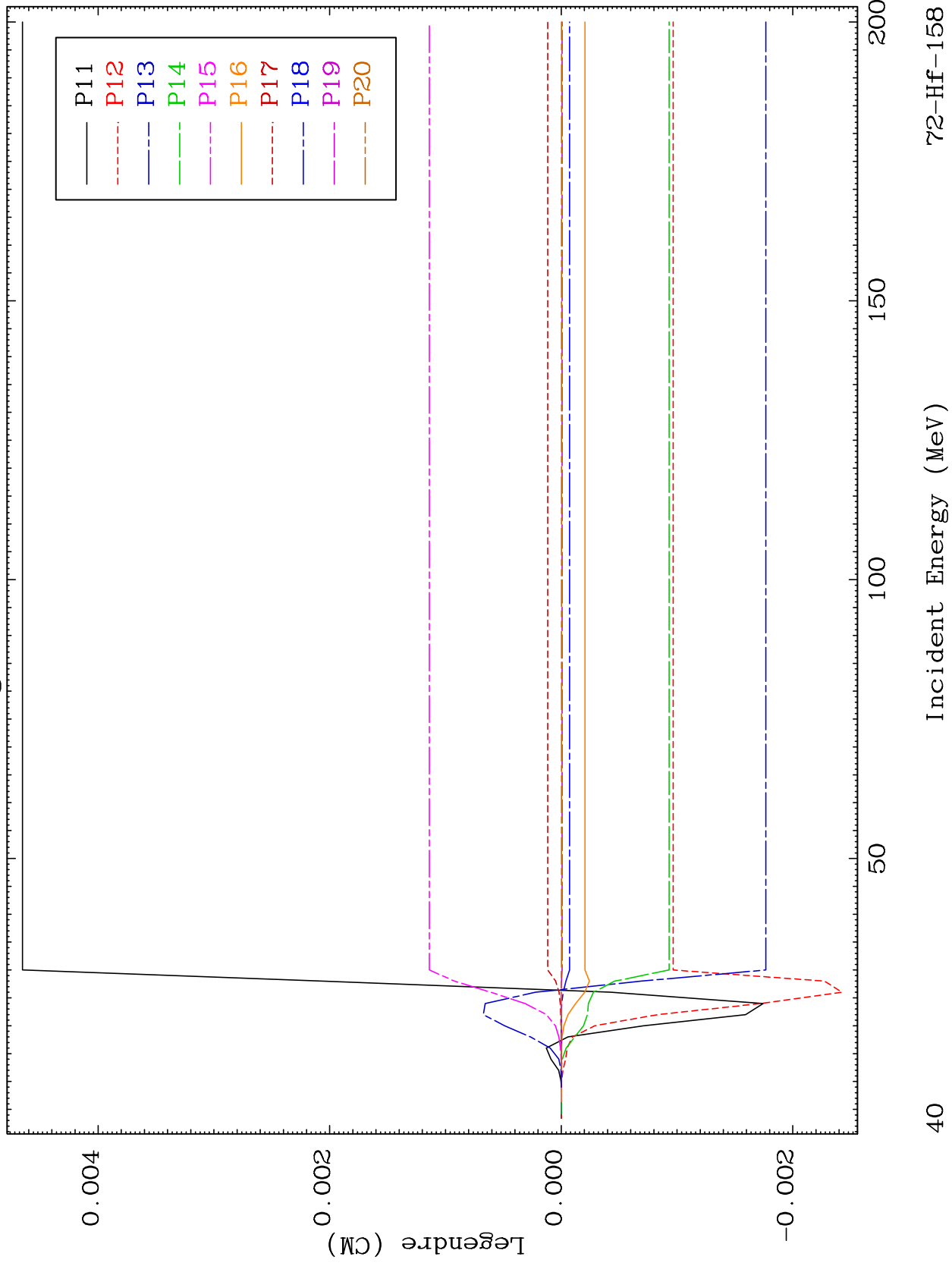




MAT 7177

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

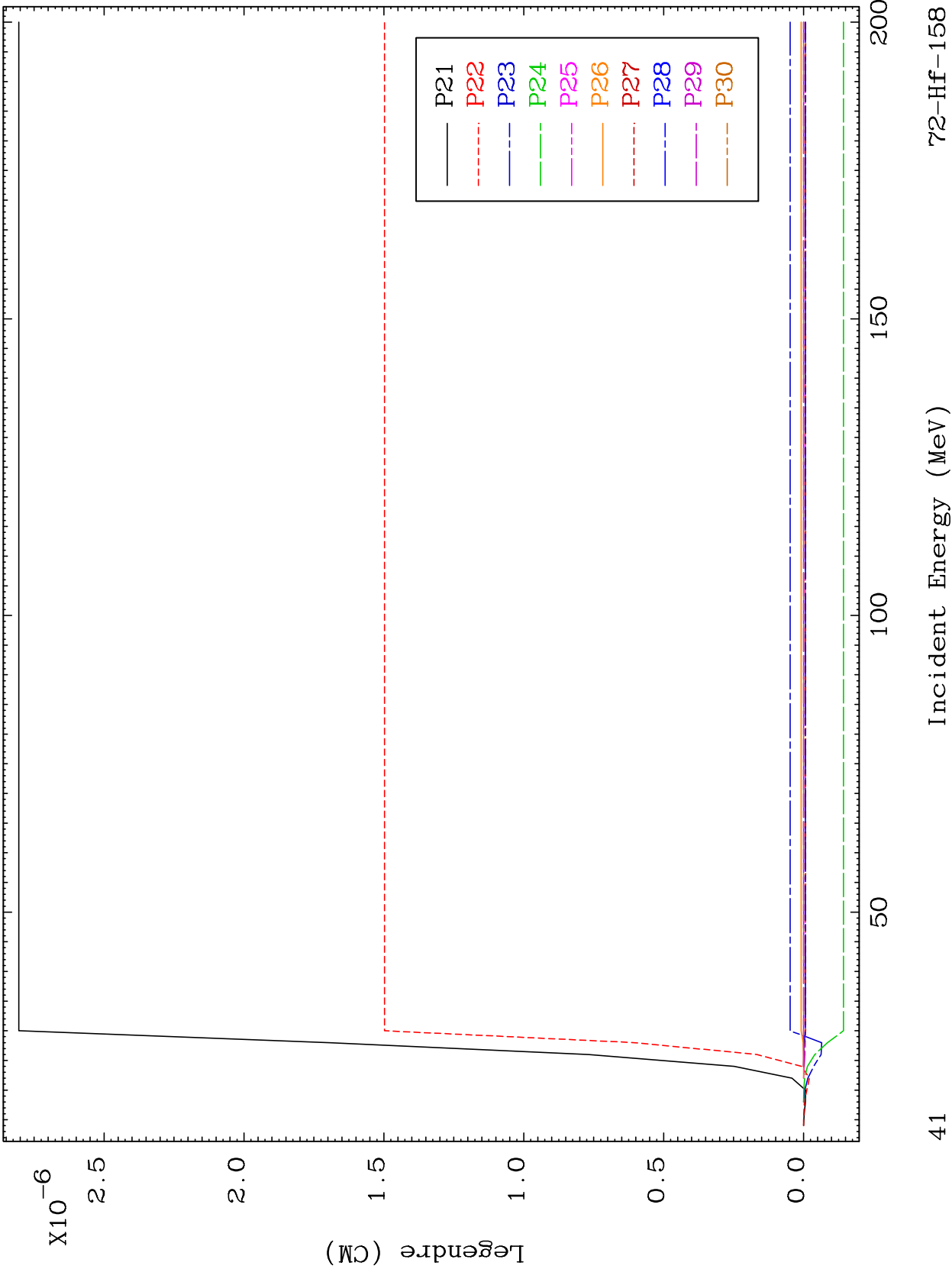
72-Hf-158



72-Hf-158

Incident Energy (MeV)

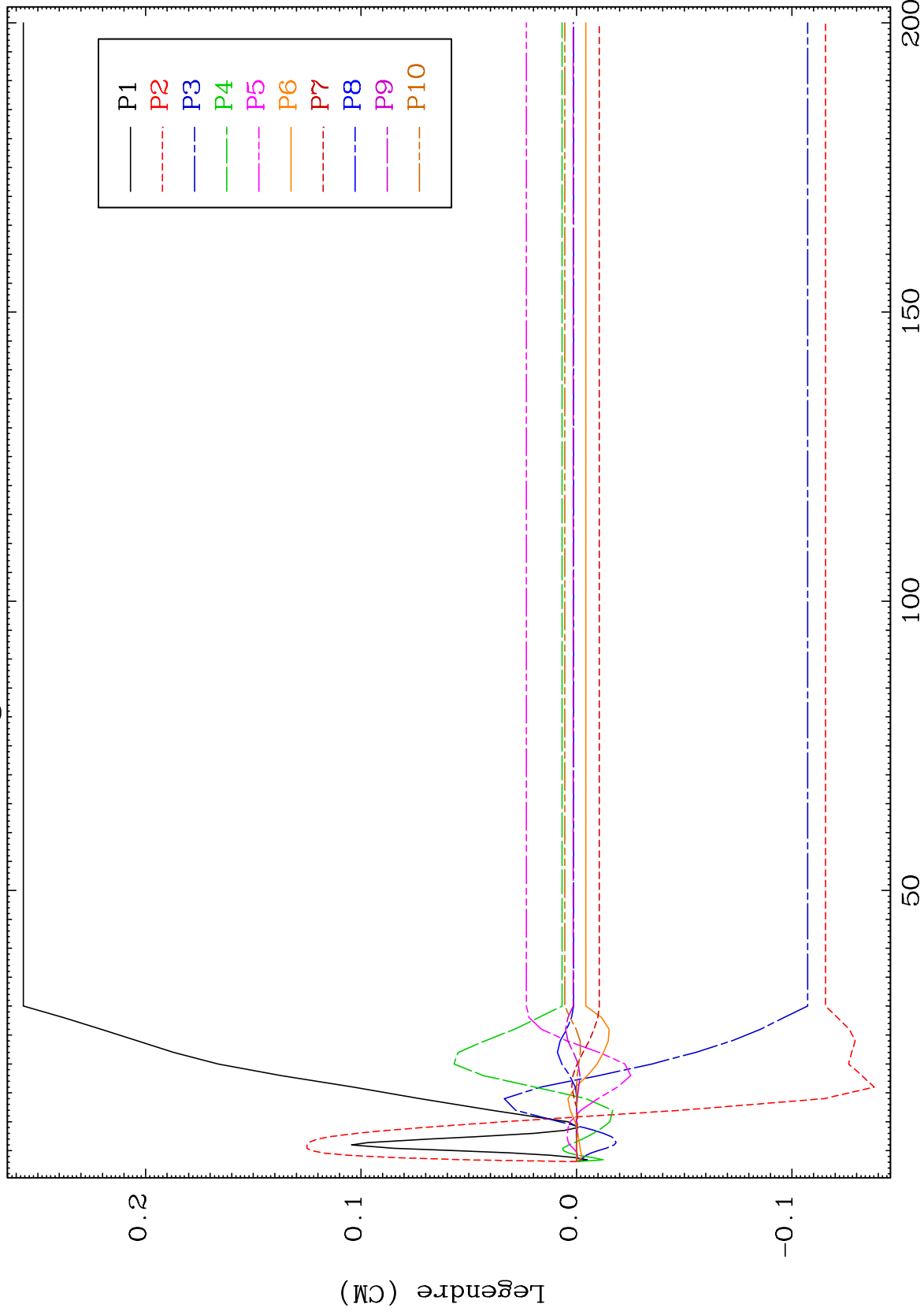
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MAT 7177

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

72-Hf-158



42

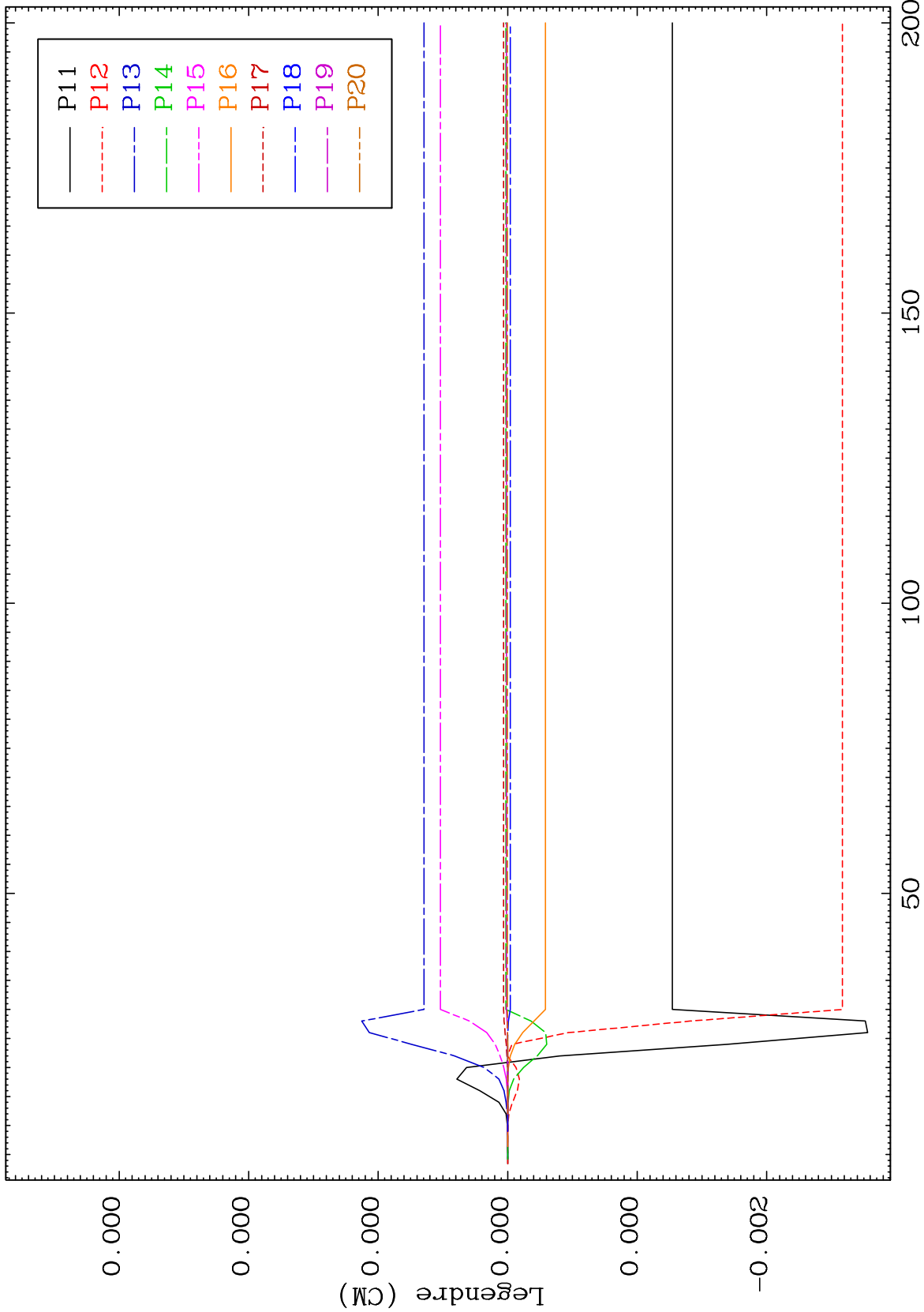
Incident Energy (MeV)

72-Hf-158

MAT 7177

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

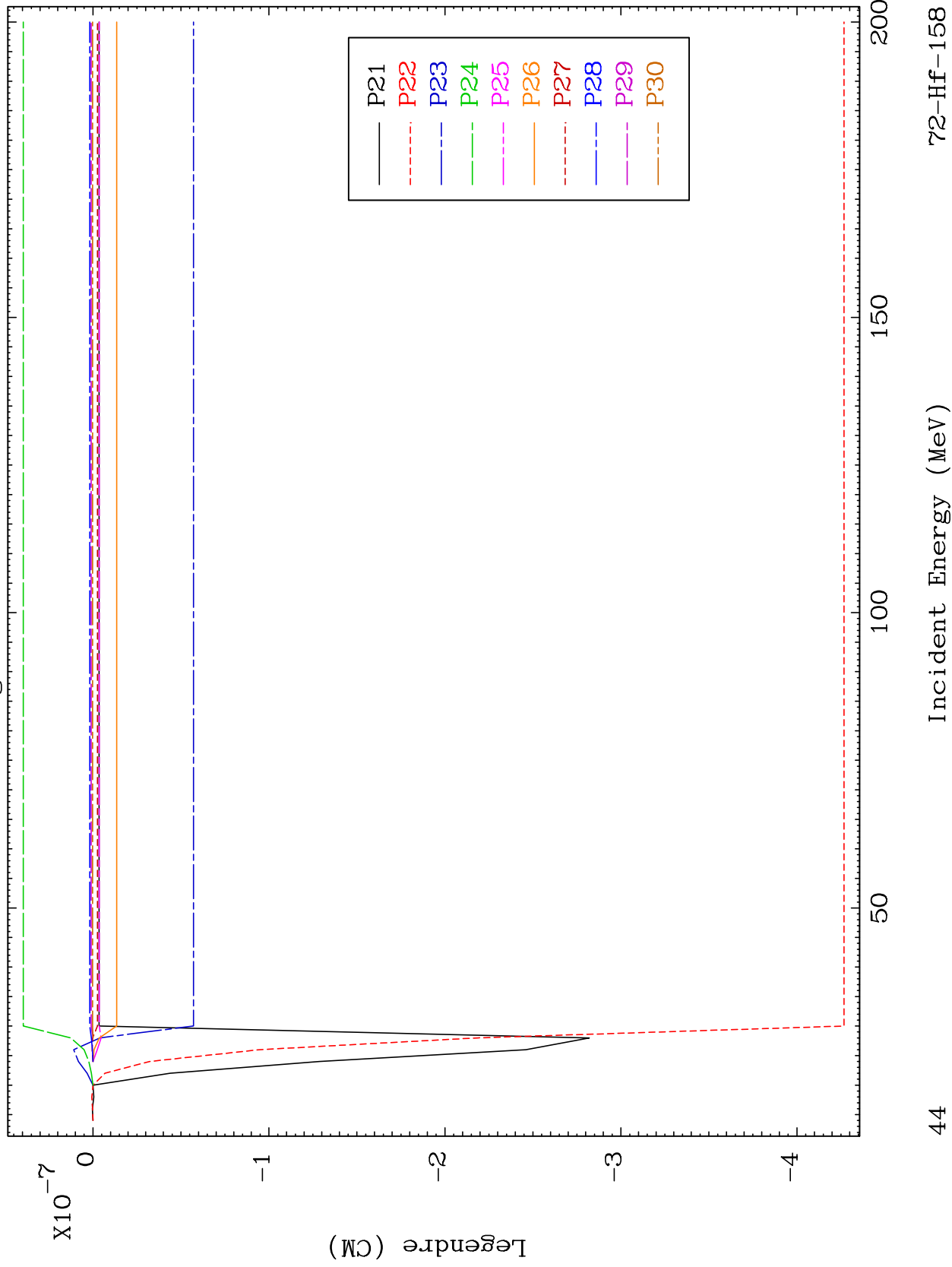
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MAT 7177

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

72-Hf-158



44

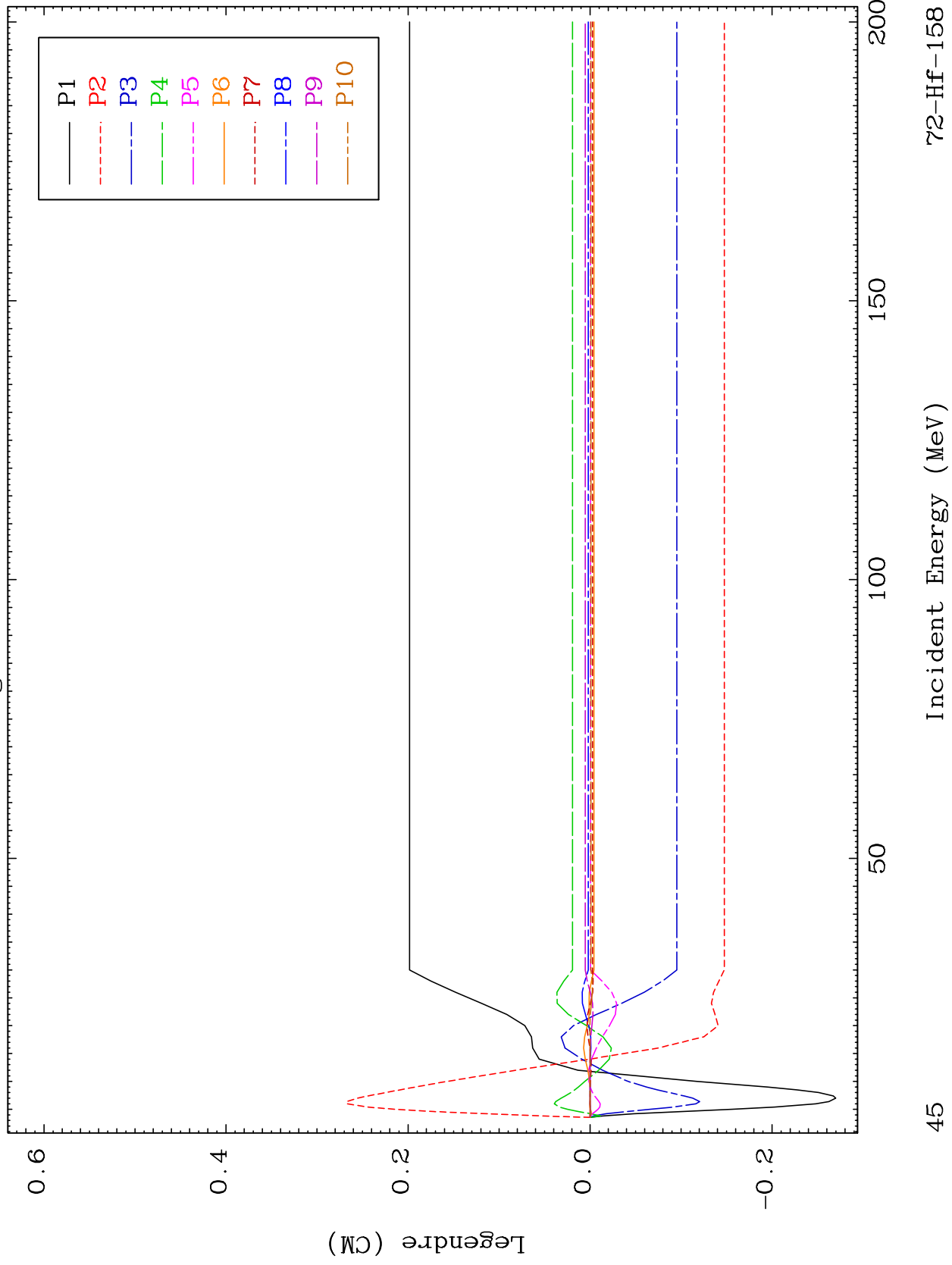
Incident Energy (MeV)

72-Hf-158

MAT 7177

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

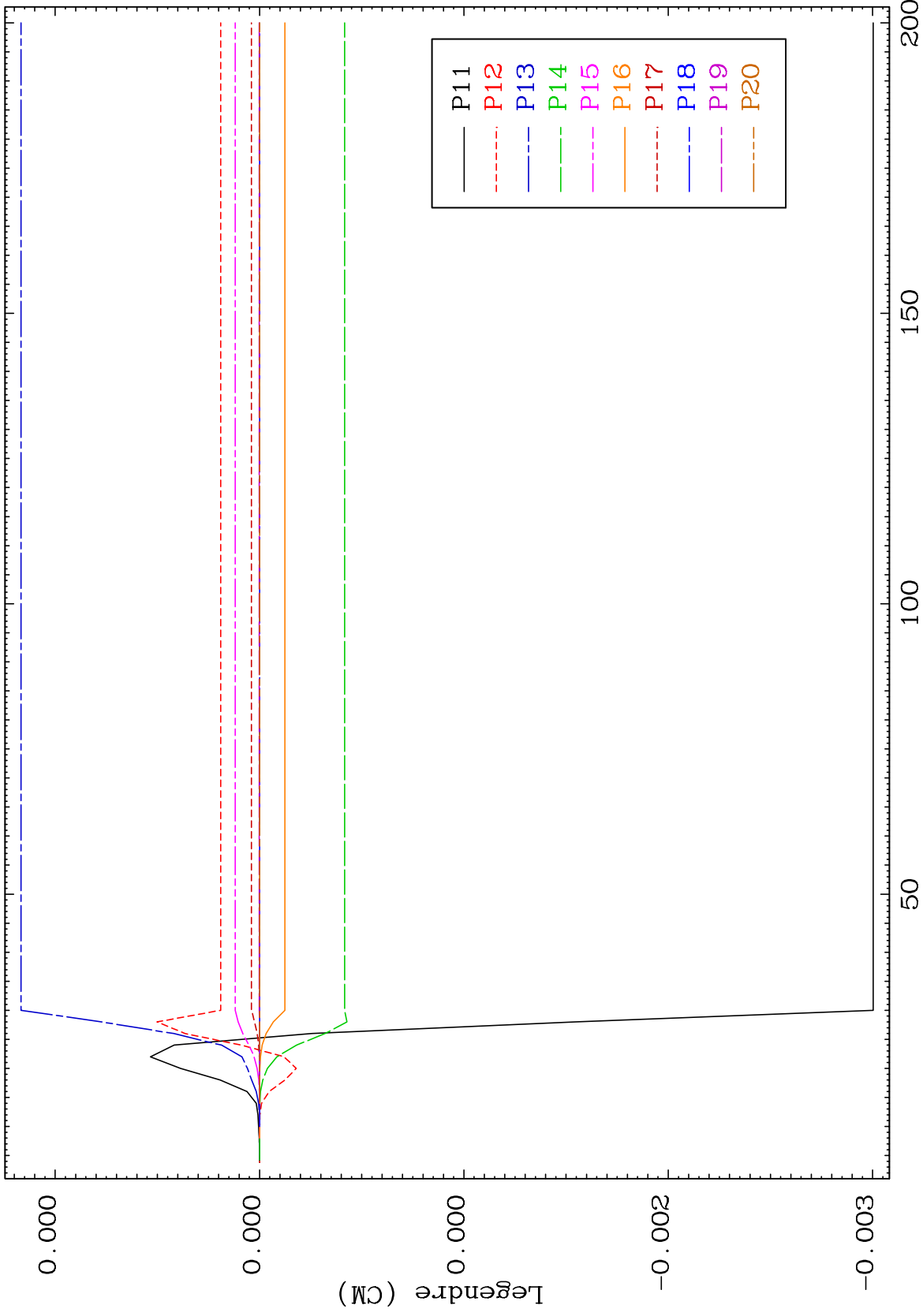
72-Hf-158



72-Hf-158

Incident Energy (MeV)

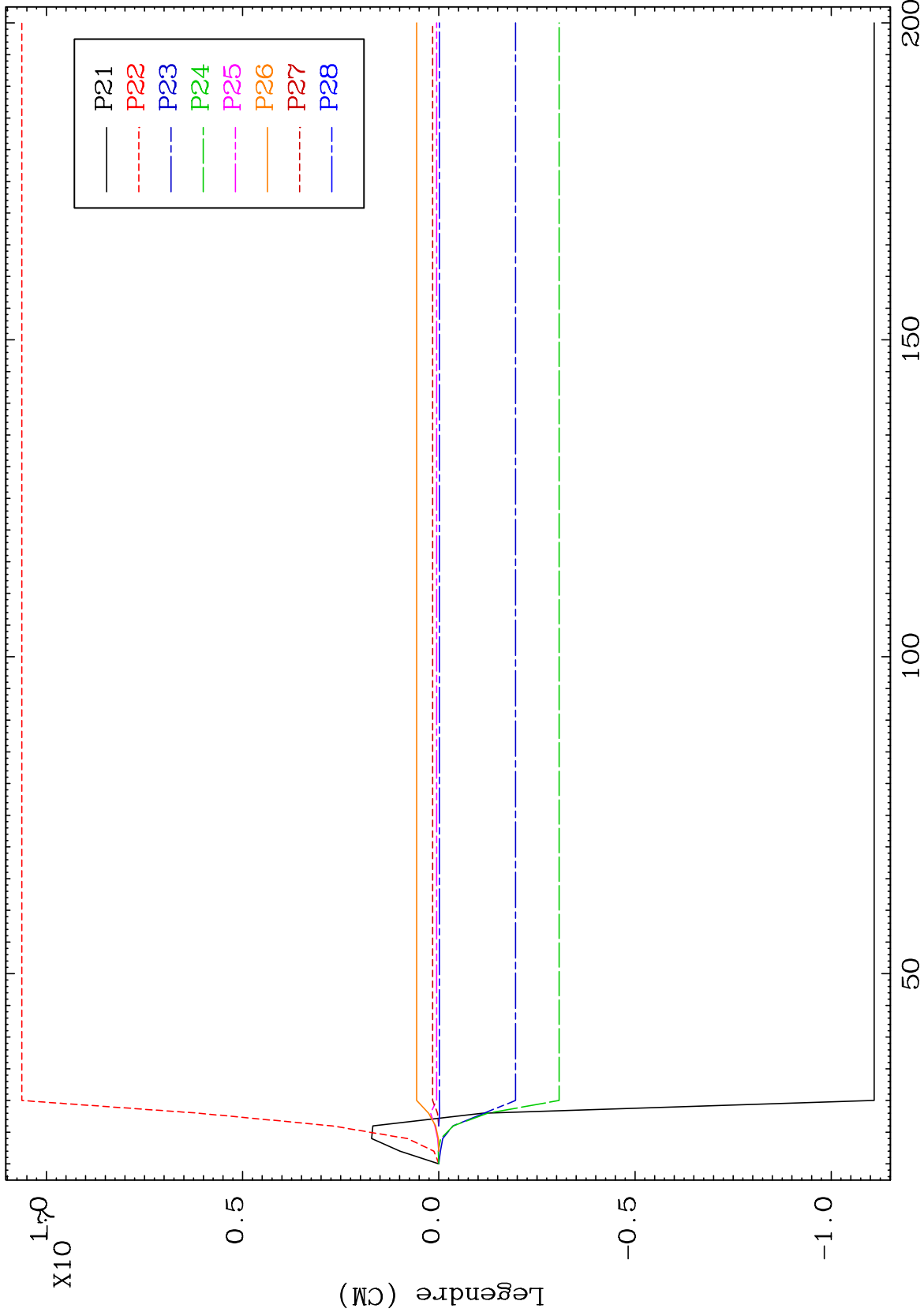
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MAT 7177

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

72-Hf-158



47

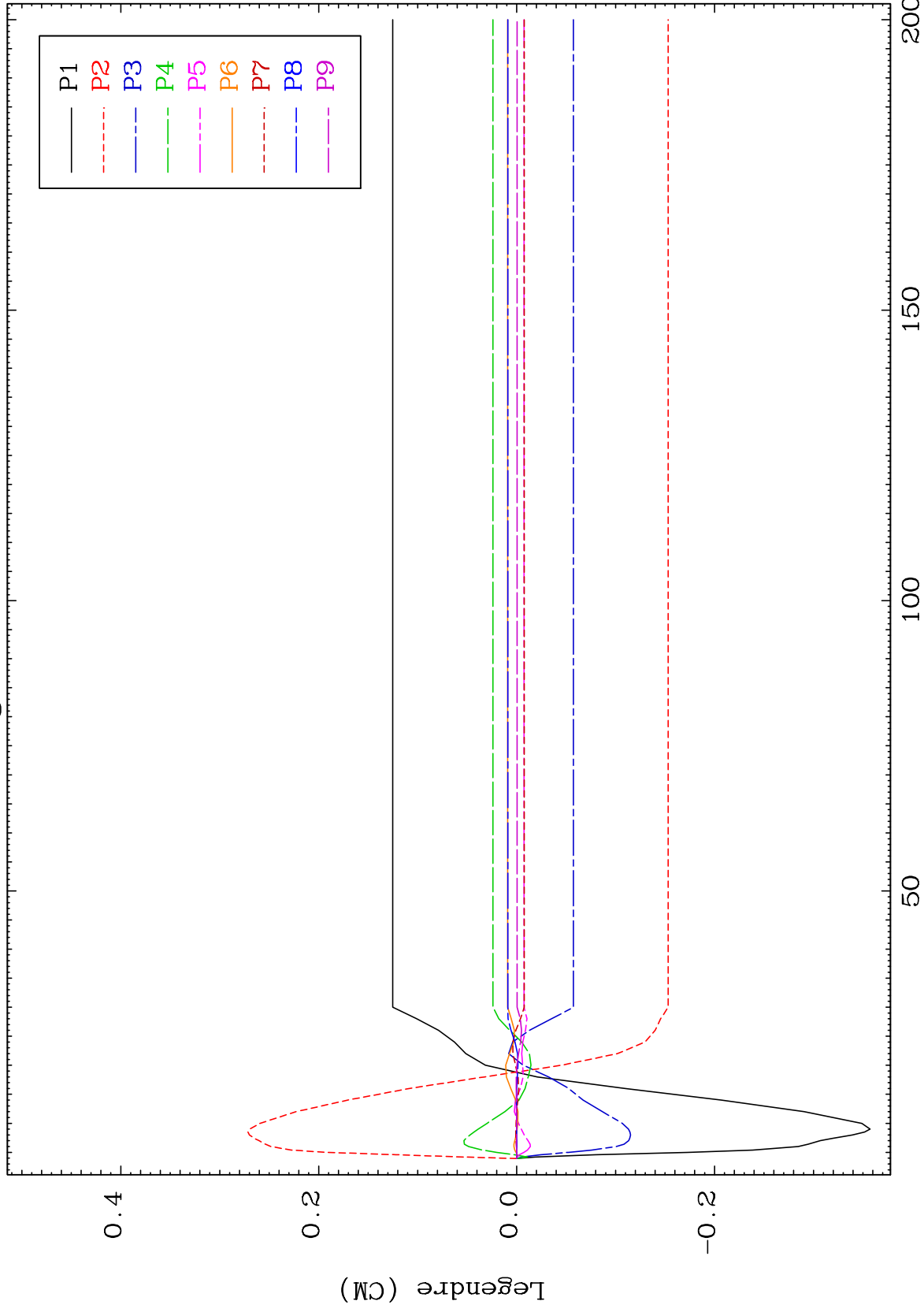
Incident Energy (MeV)

72-Hf-158

MAT 7177

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

72-Hf-158



48

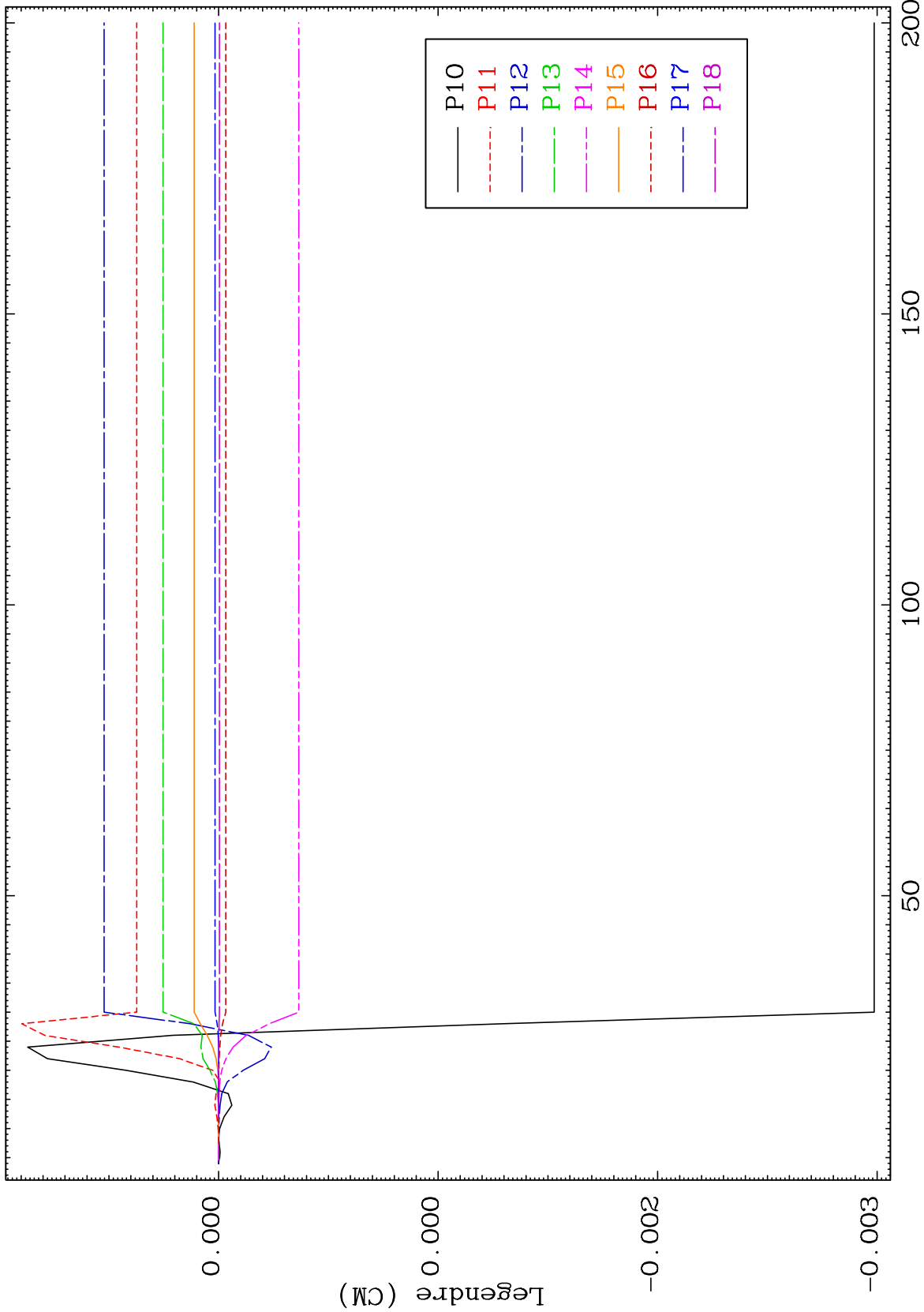
Incident Energy (MeV)

72-Hf-158

MAT 7177

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

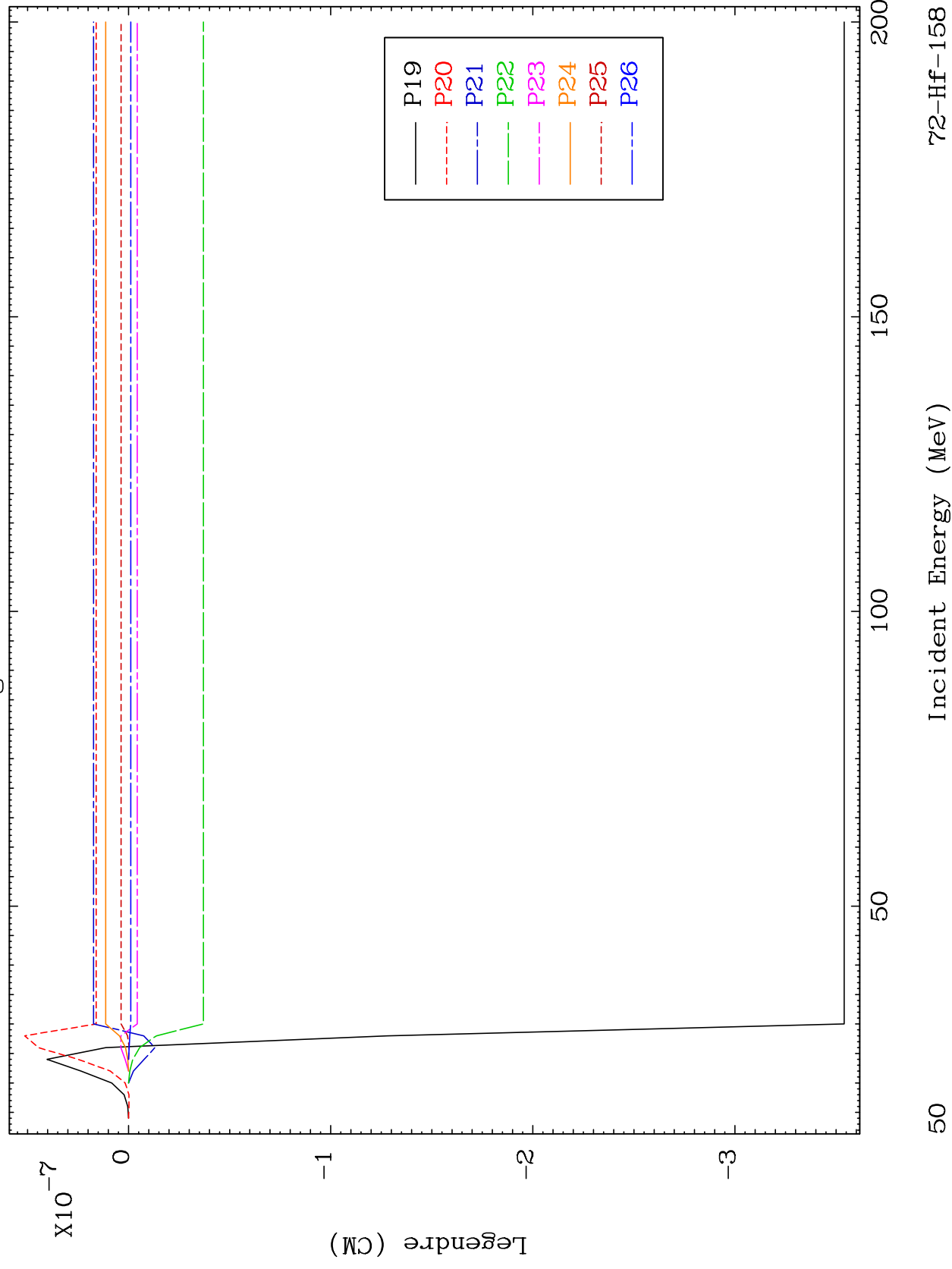
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MAT 7177

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

72-Hf-158



72-Hf-158

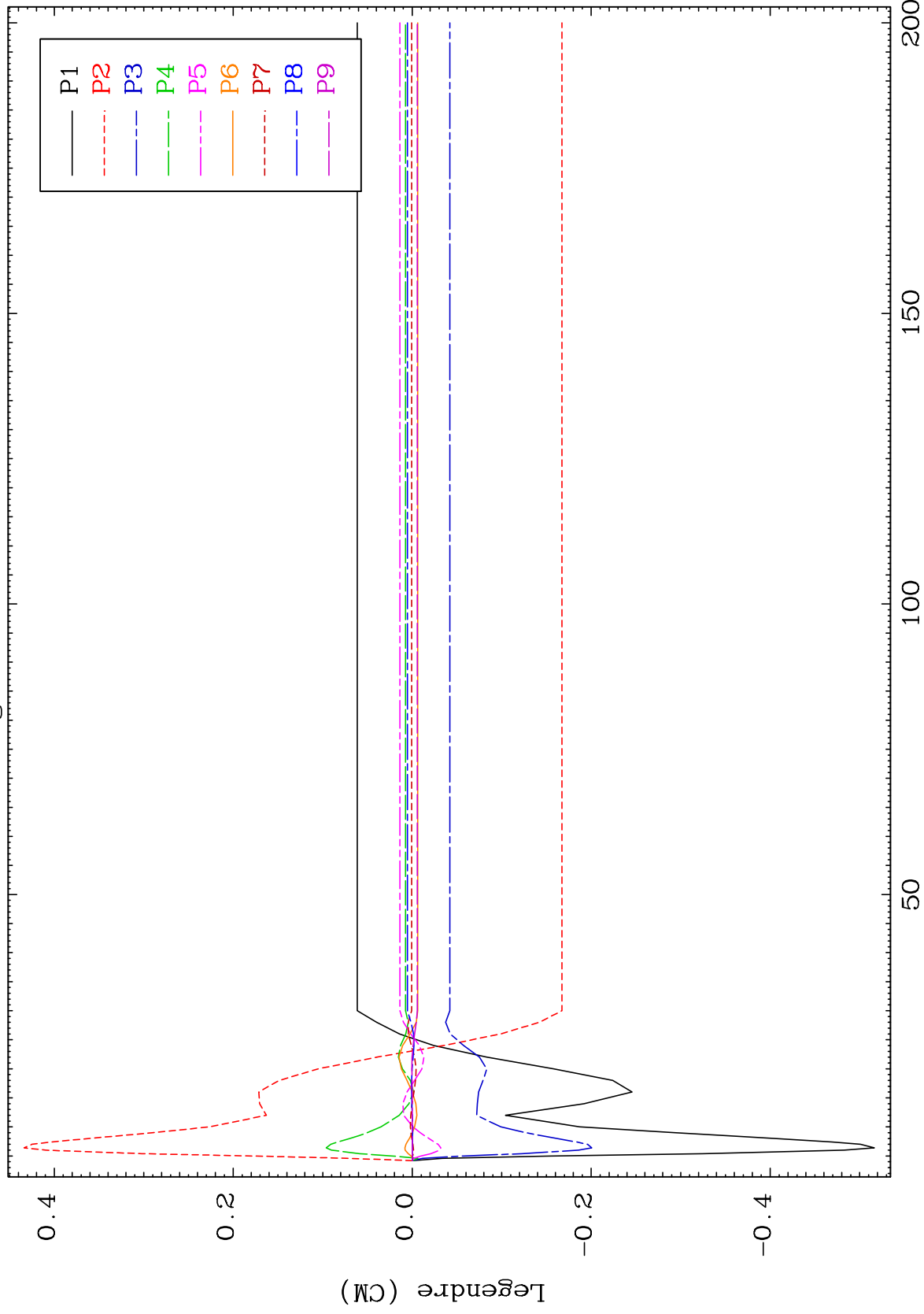
Incident Energy (MeV)

50

MAT 7177

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

72-Hf-158



51

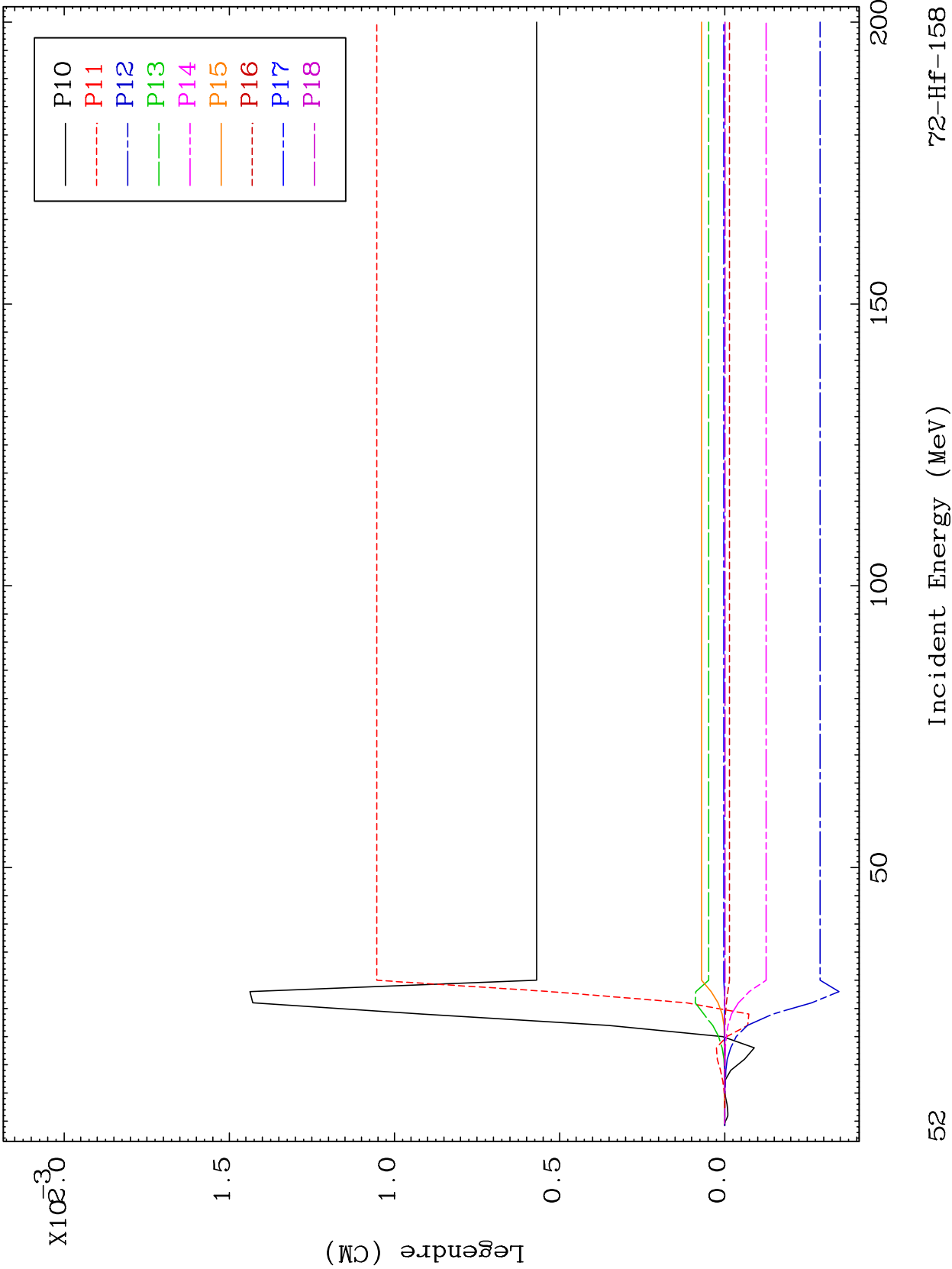
Incident Energy (MeV)

72-Hf-158

MAT 7177

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

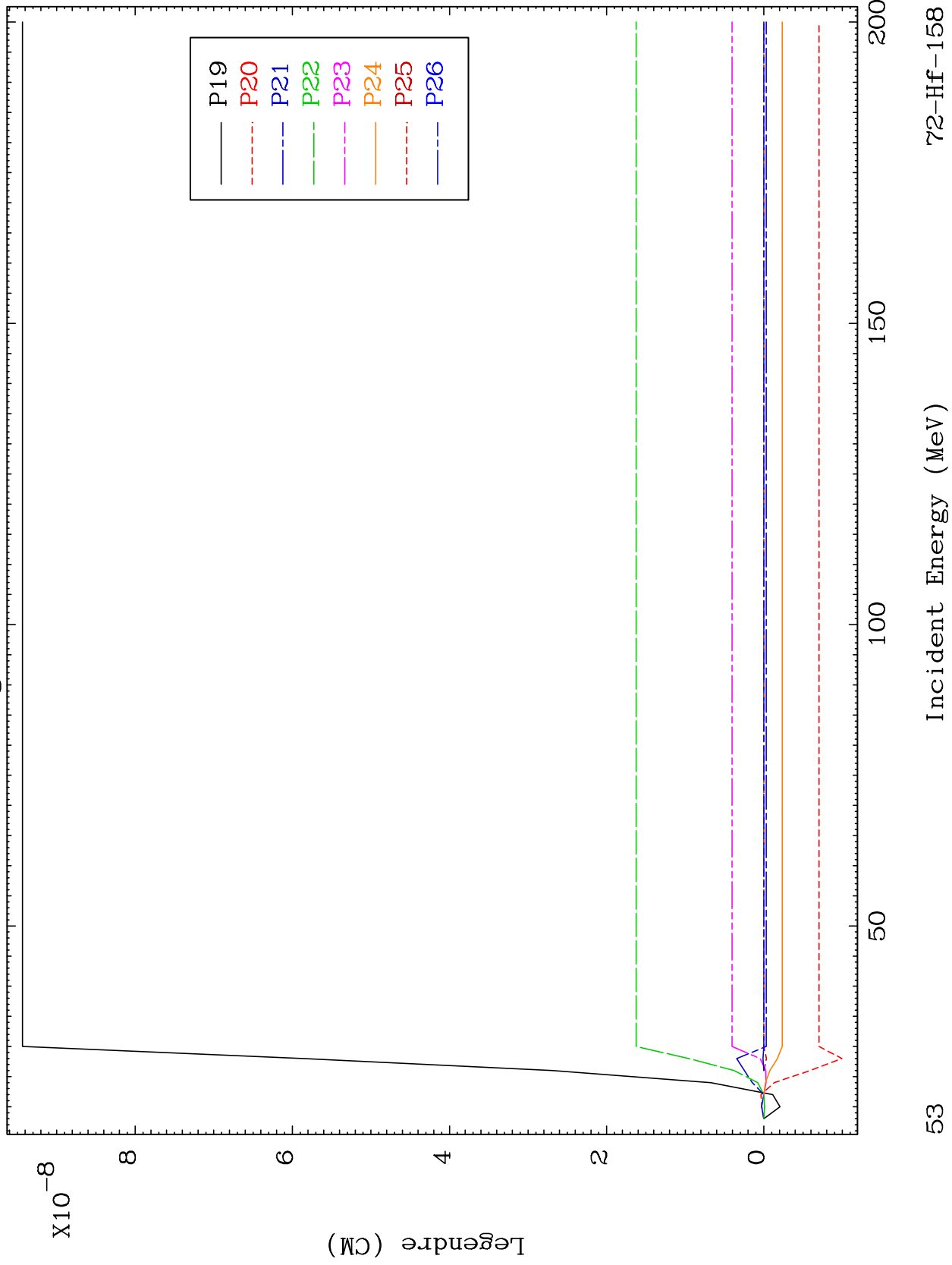
72-Hf-158



MAT 7177

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

72-Hf-158



53

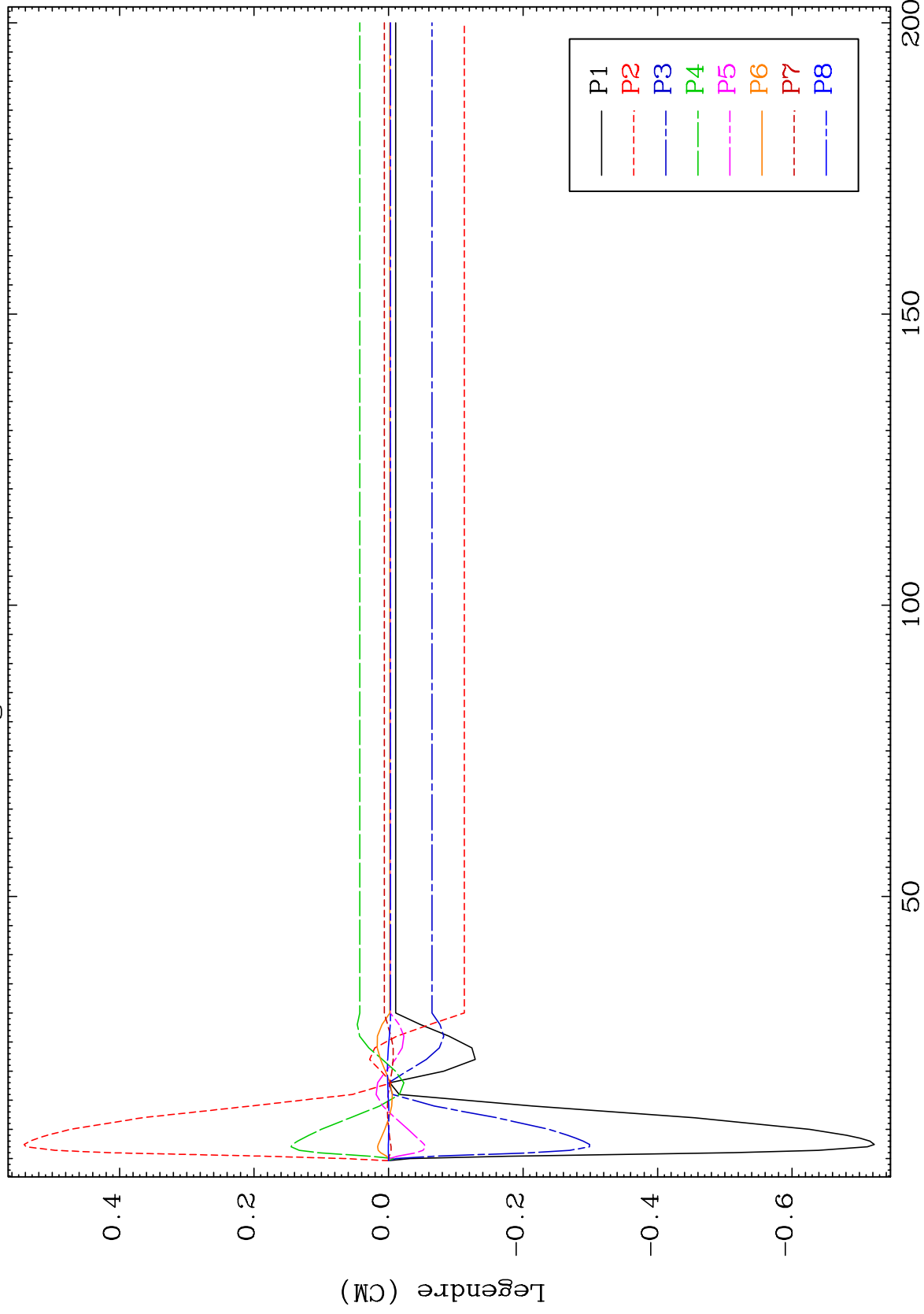
Incident Energy (MeV)

72-Hf-158

MAT 7177

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

72-Hf-158



54

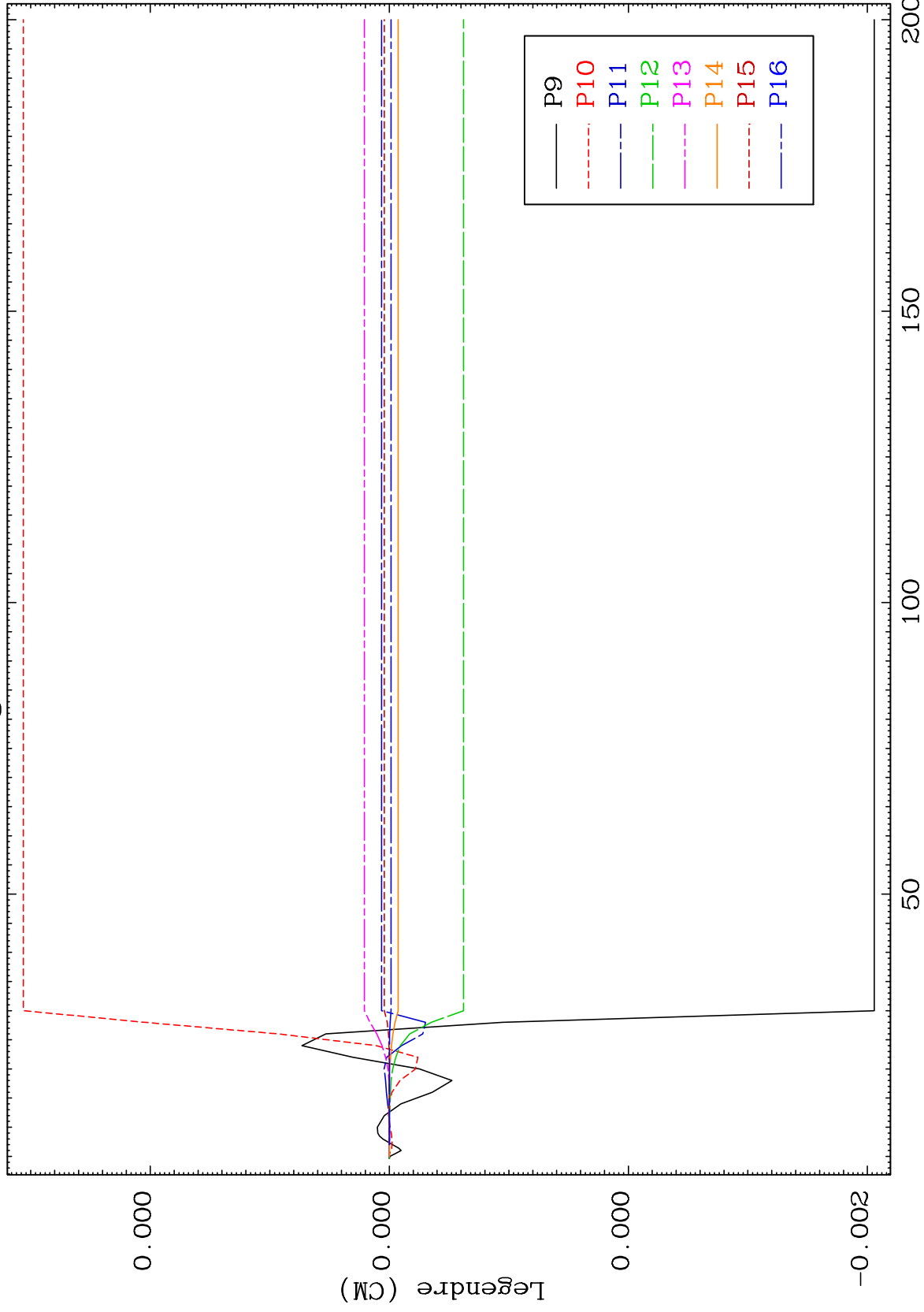
Incident Energy (MeV)

72-Hf-158

MAT 7177

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

72-Hf-158



55

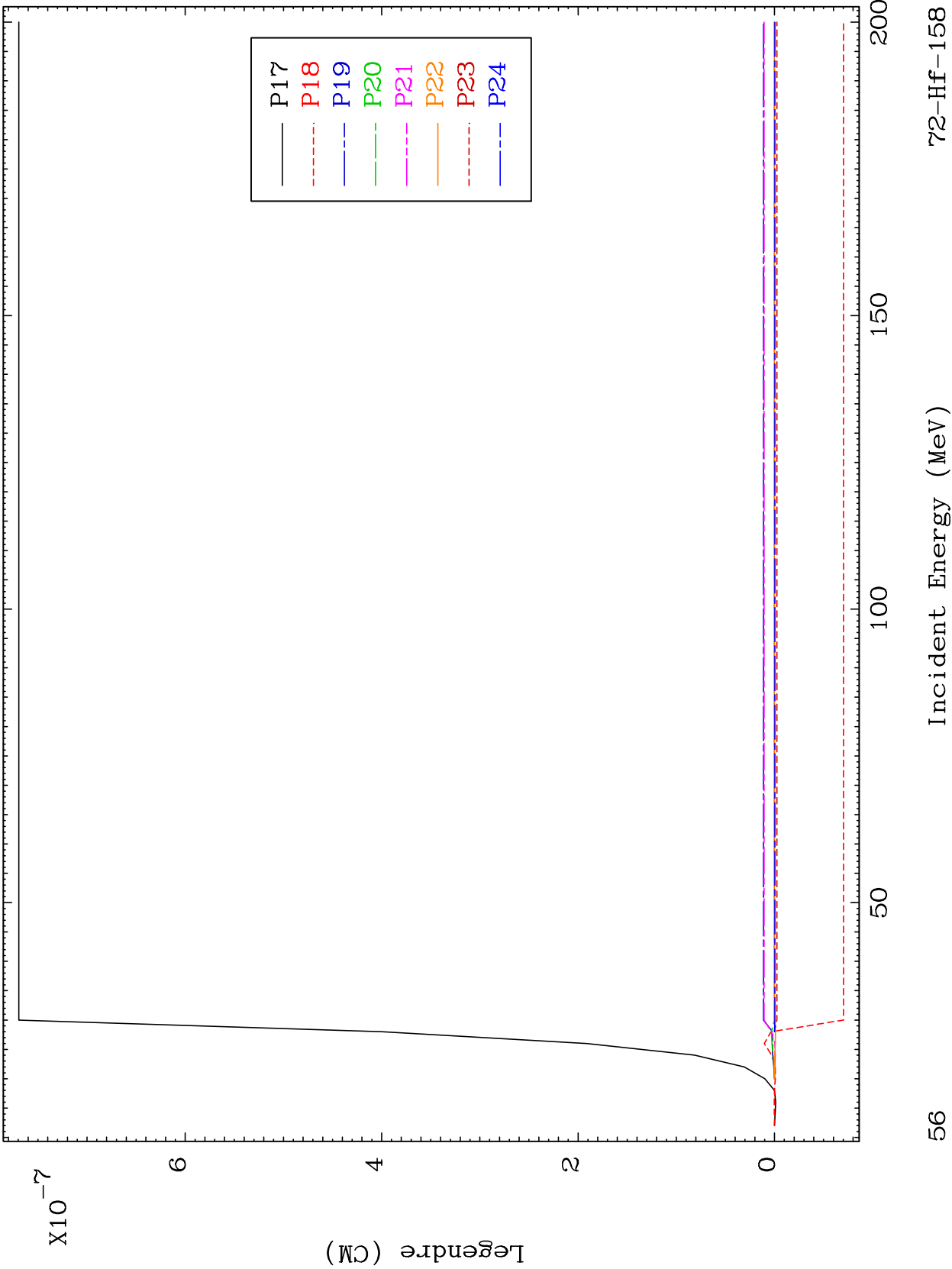
Incident Energy (MeV)

72-Hf-158

MAT 7177

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

72-Hf-158



56

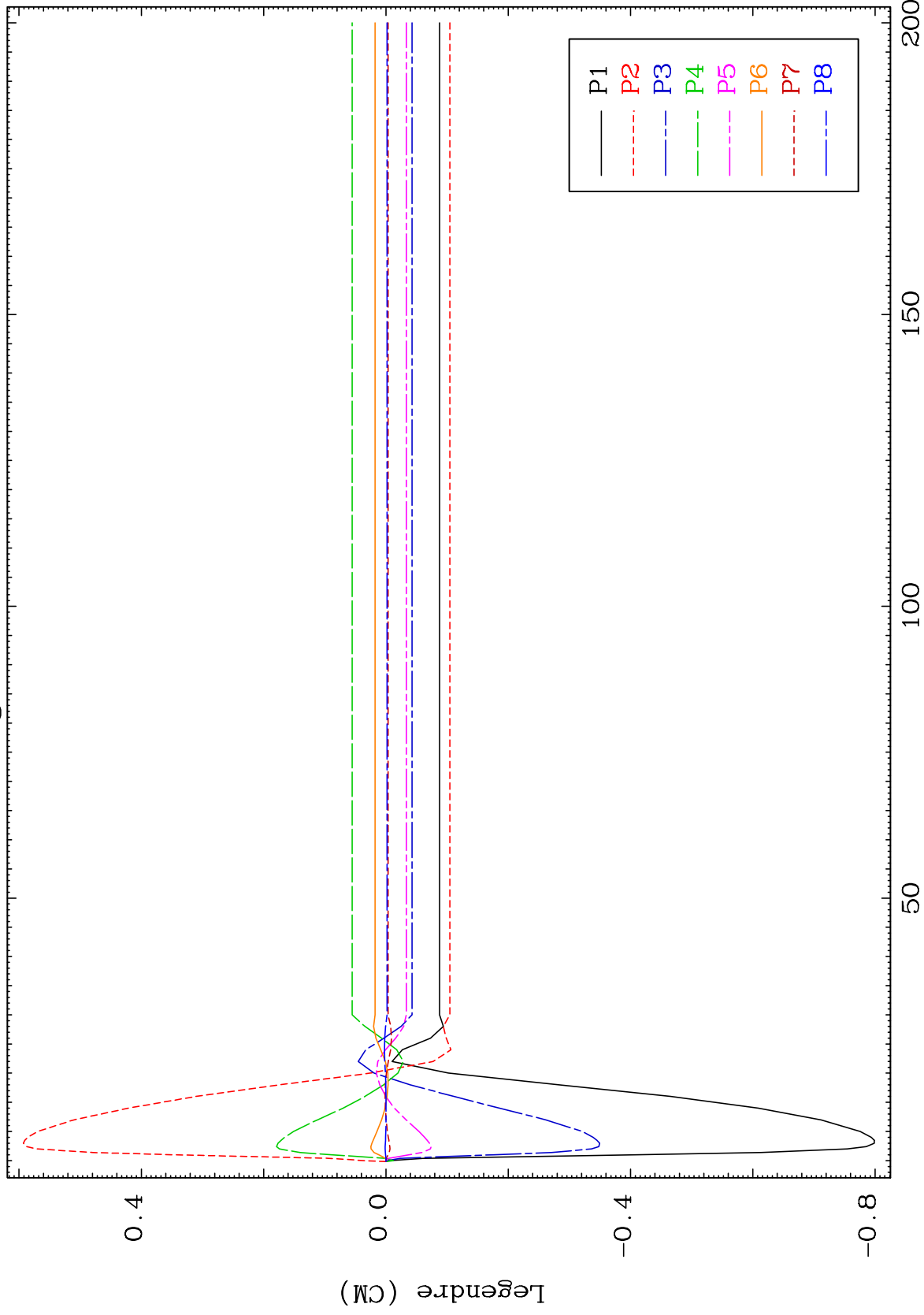
Incident Energy (MeV)

72-Hf-158

MAT 7177

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

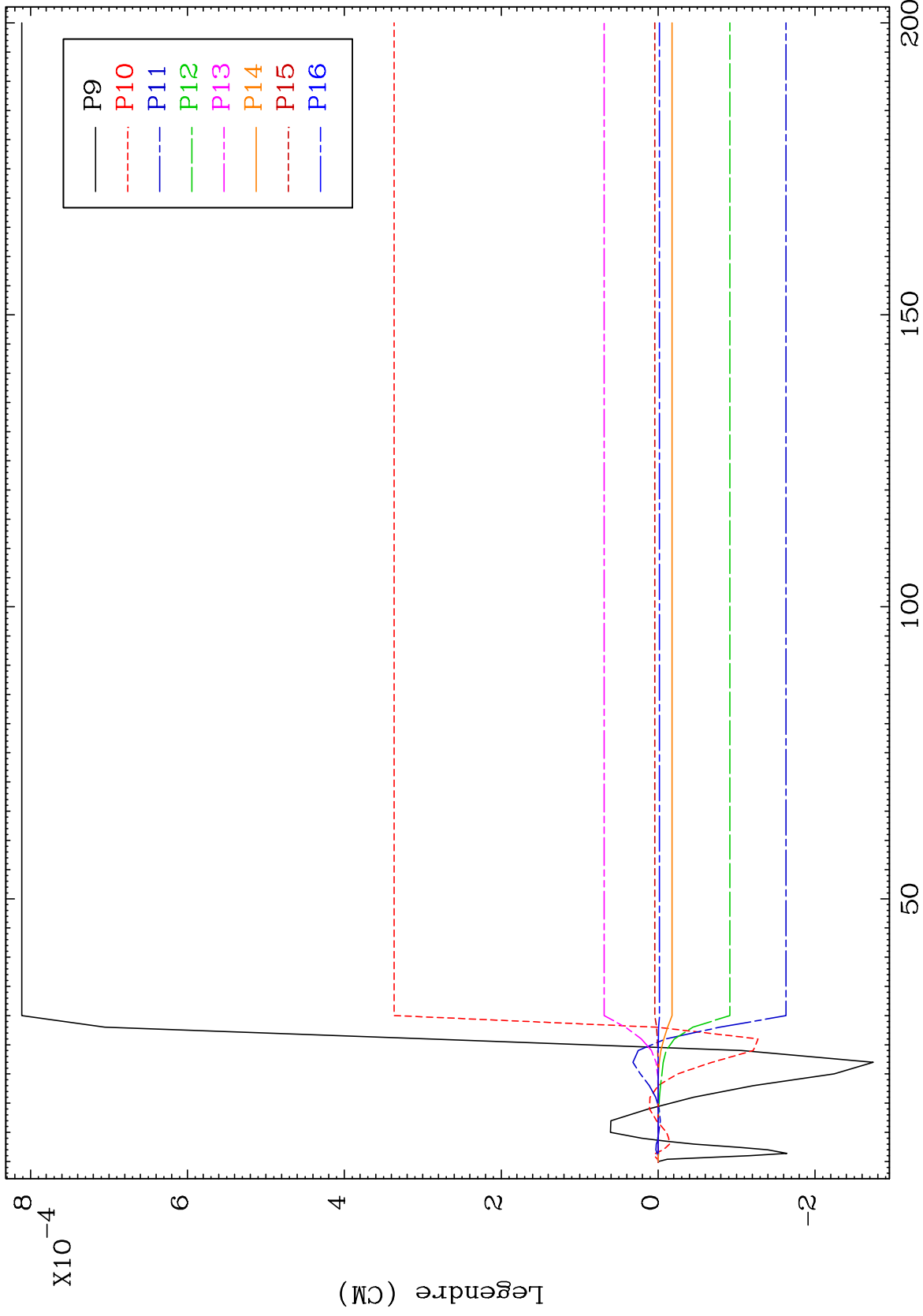
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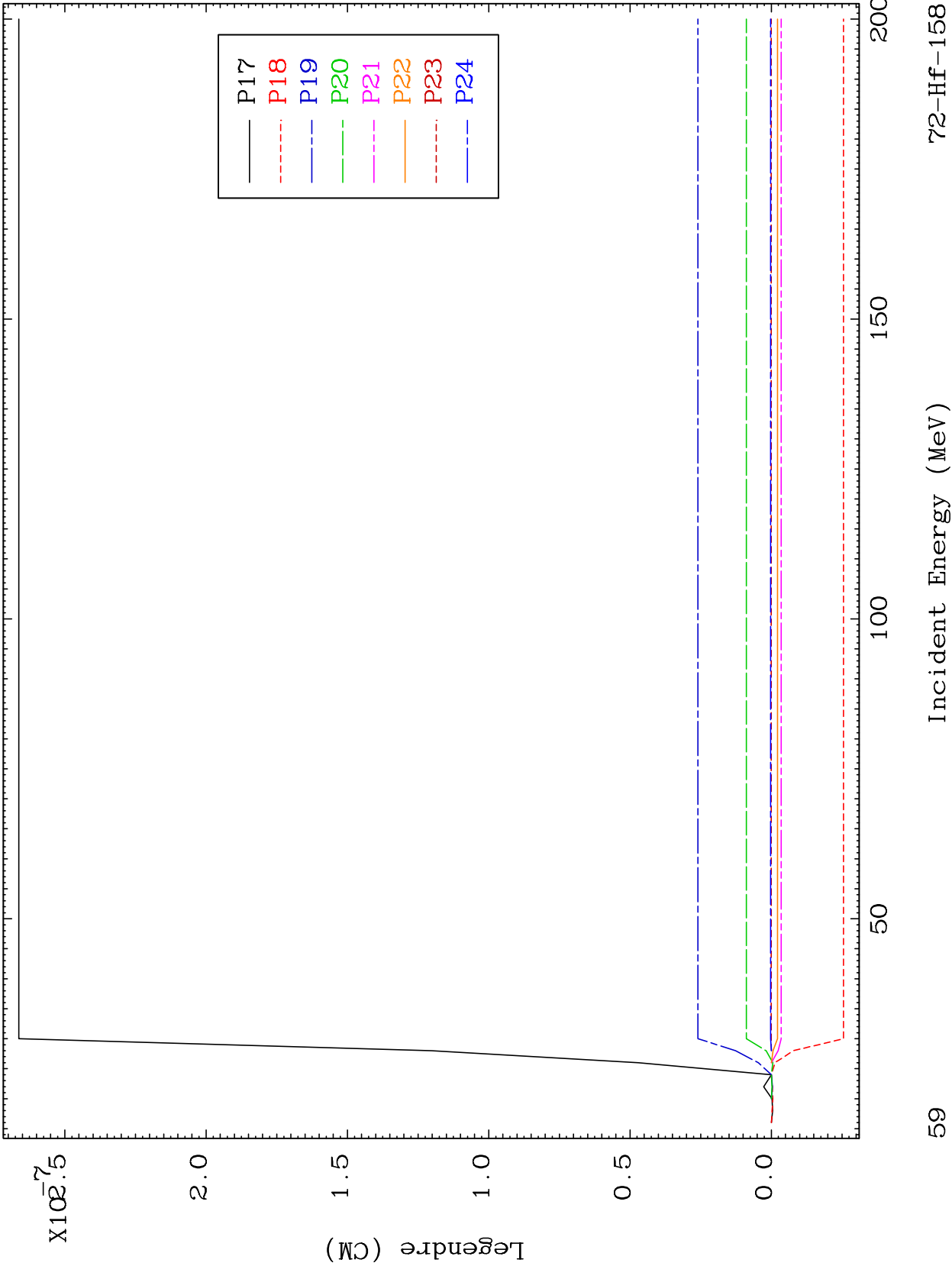


57

Incident Energy (MeV)

72-Hf-158

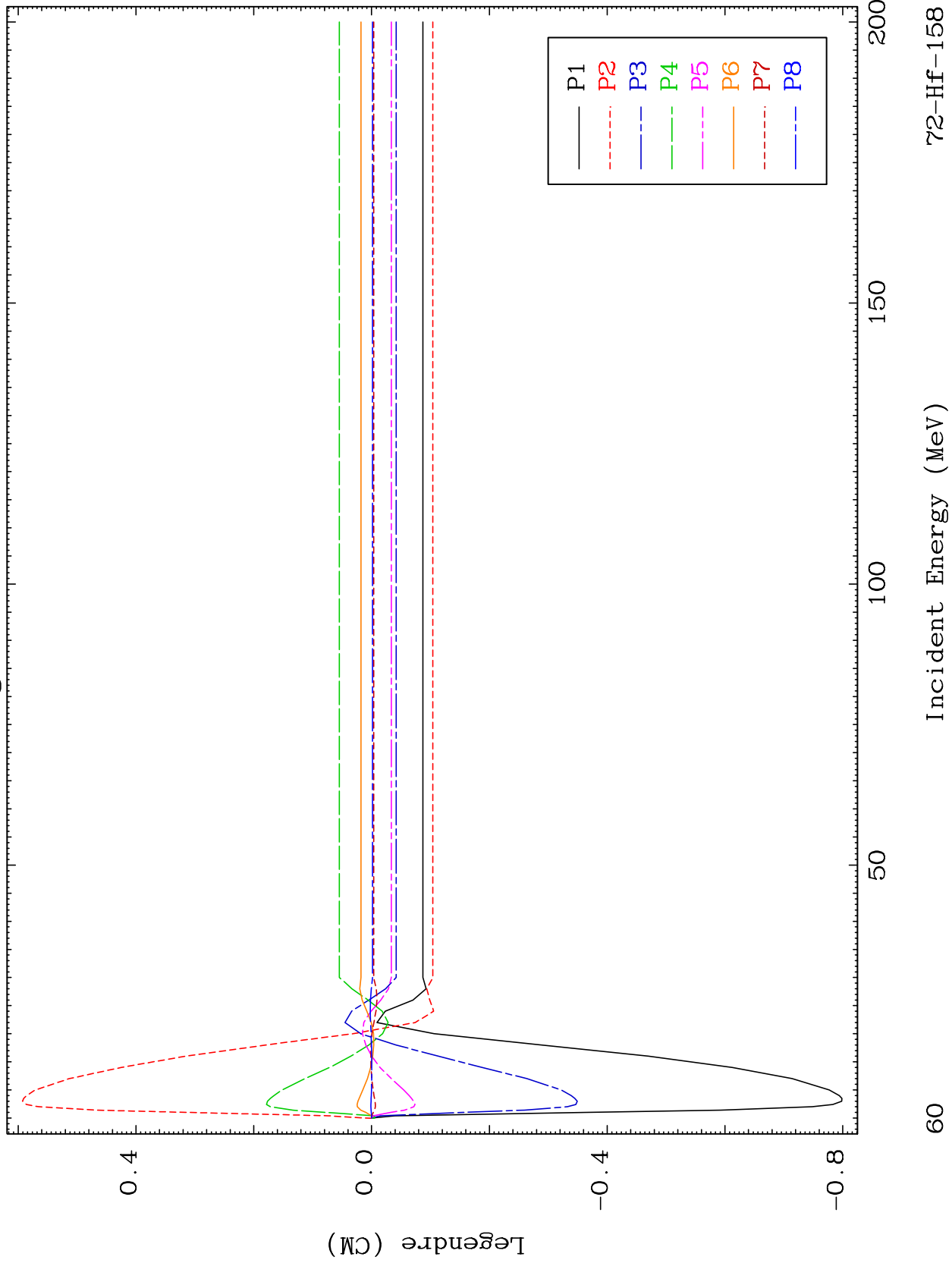




MAT 7177

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

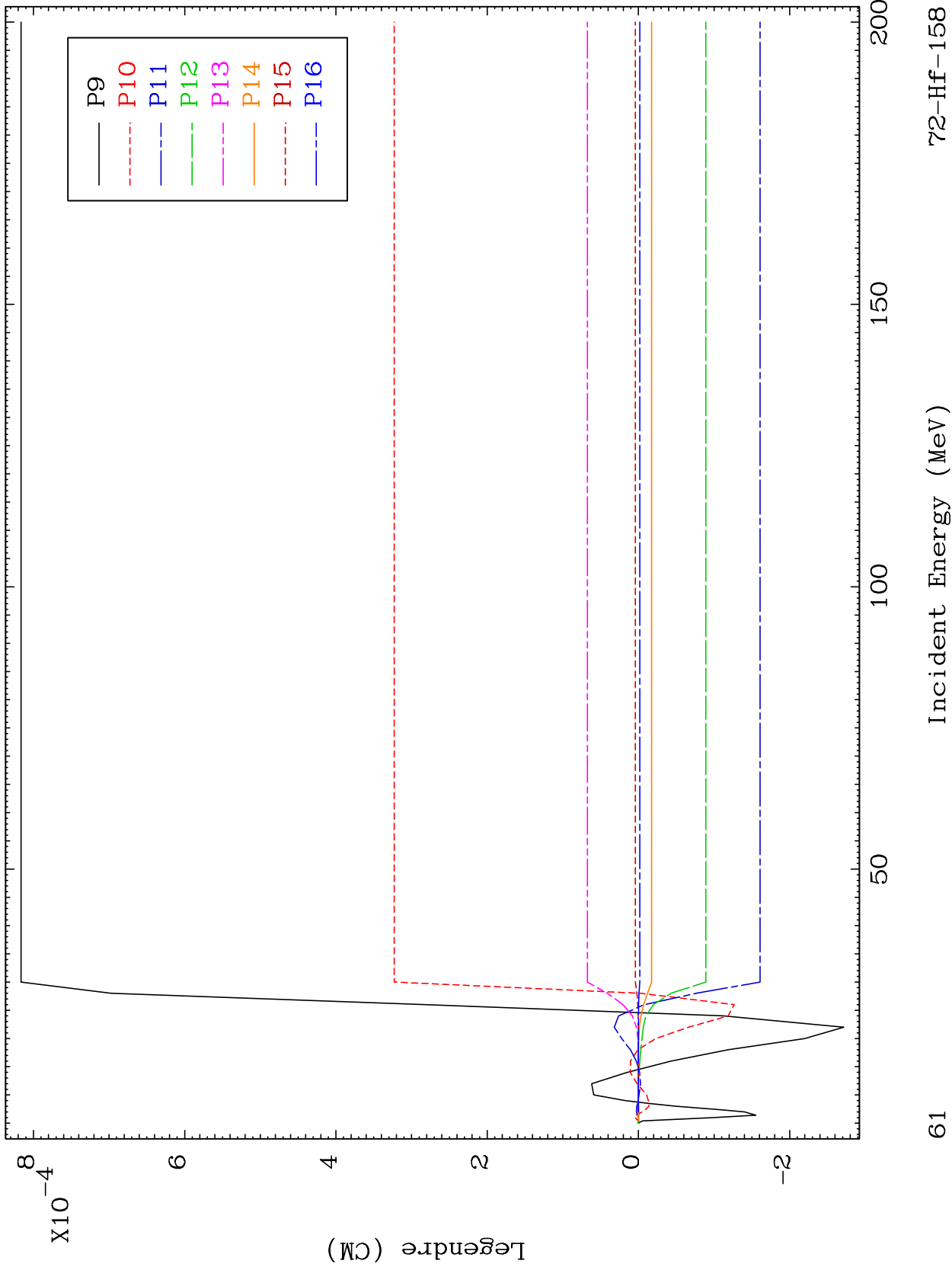
72-Hf-158



72-Hf-158

Incident Energy (MeV)

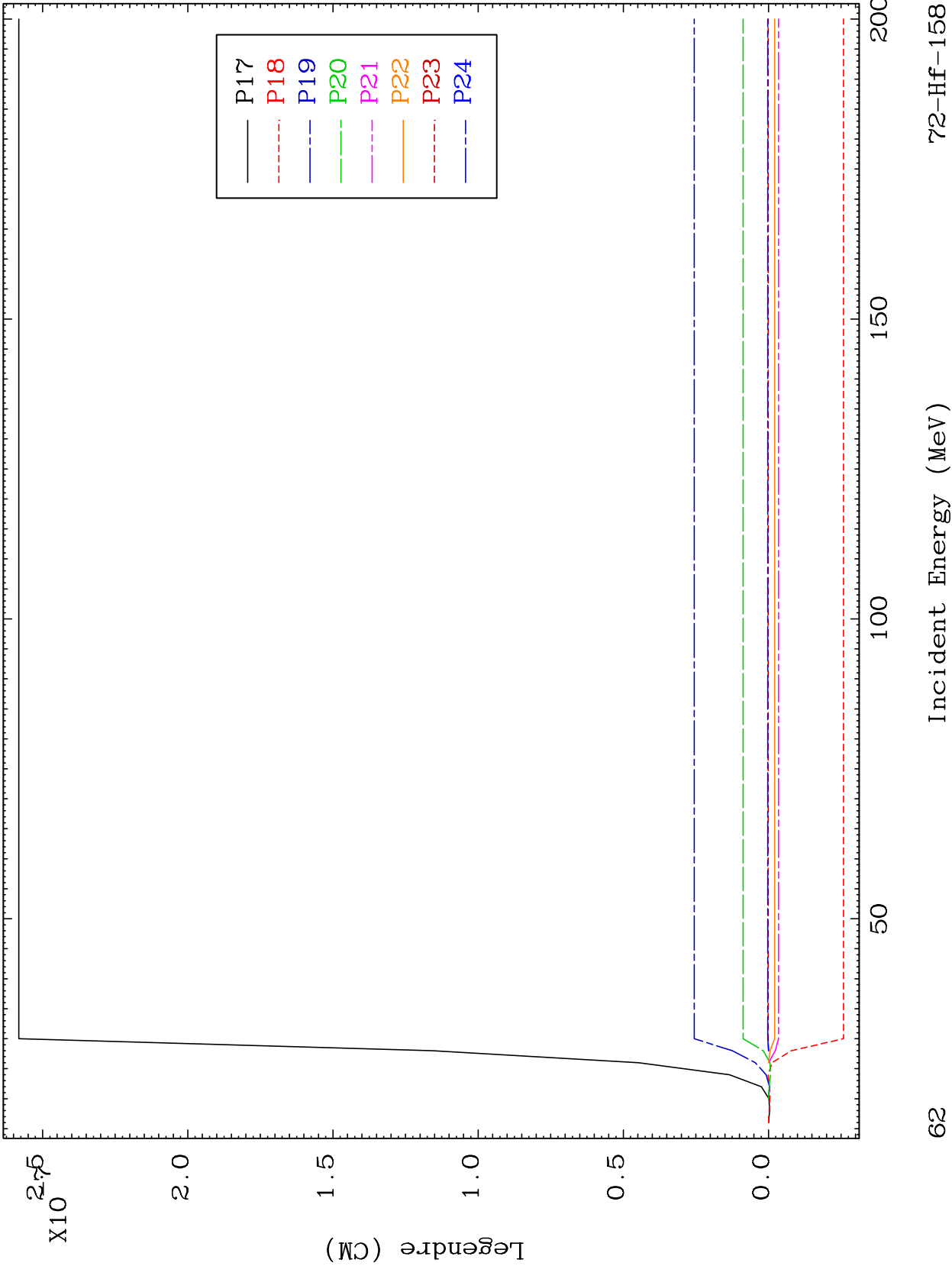
60



MAT 7177

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

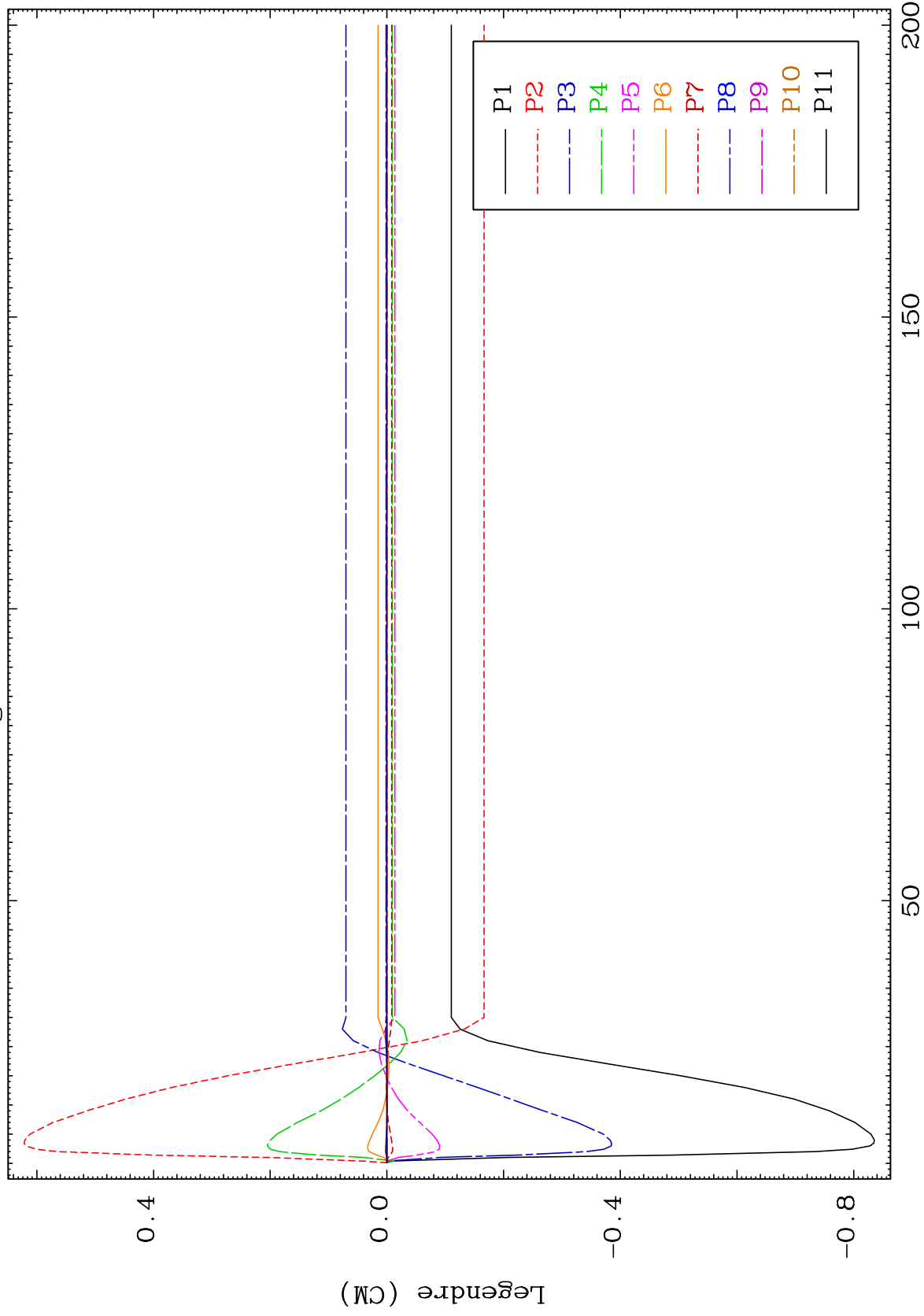
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62

Incident Energy (MeV)

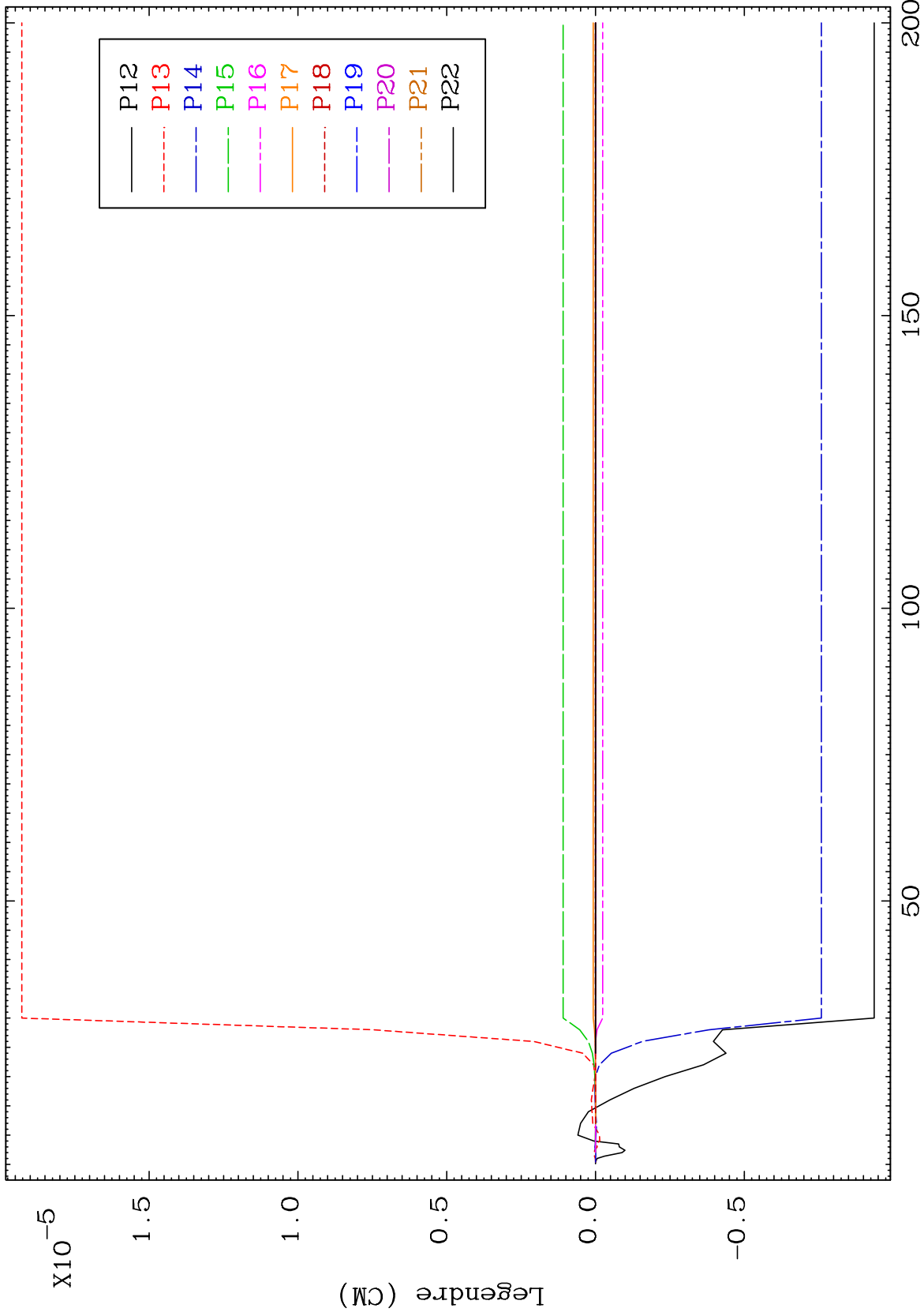
72-Hf-158



MAT 7177

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

72-Hf-158



64

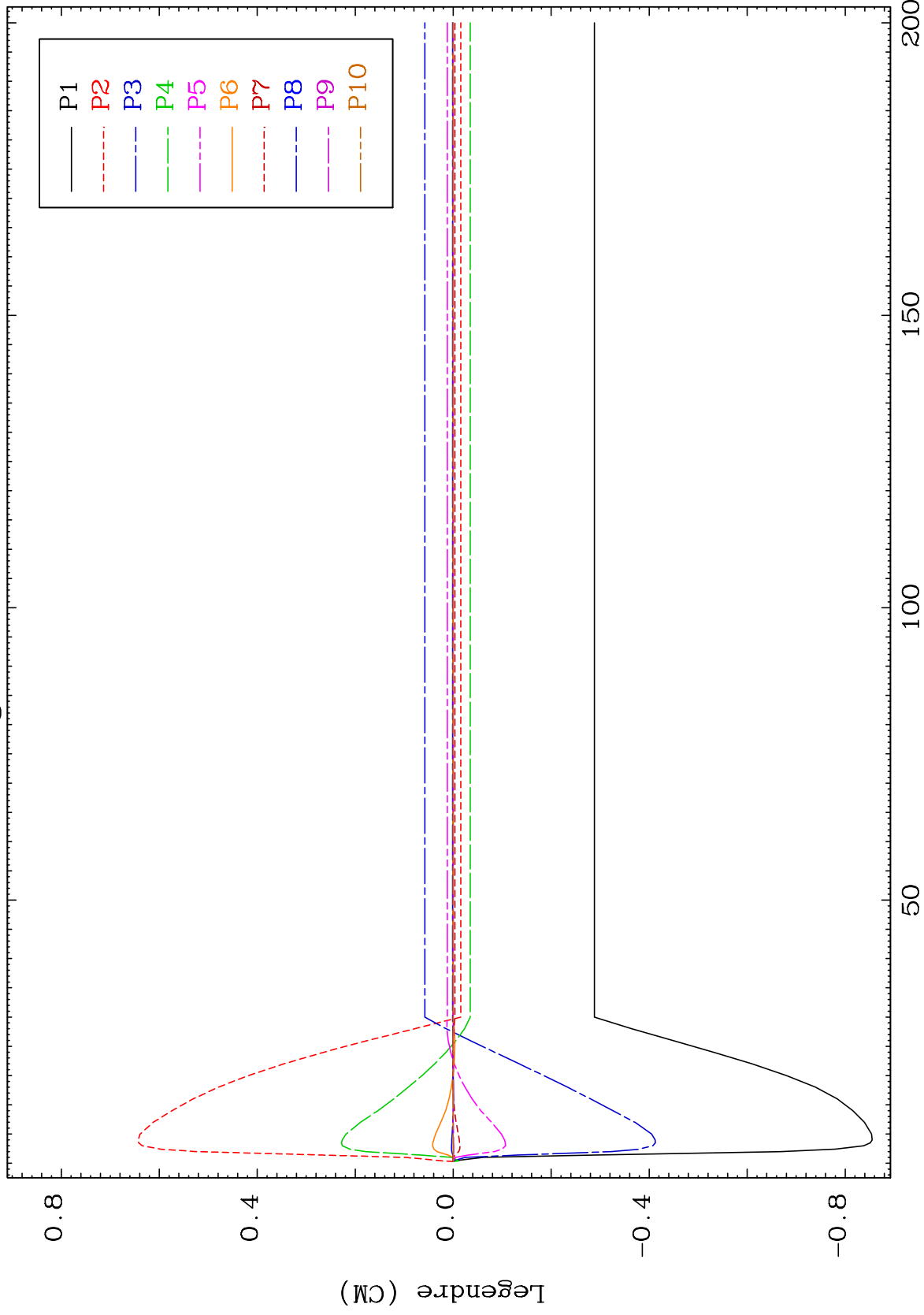
Incident Energy (MeV)

72-Hf-158

MAT 7177

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

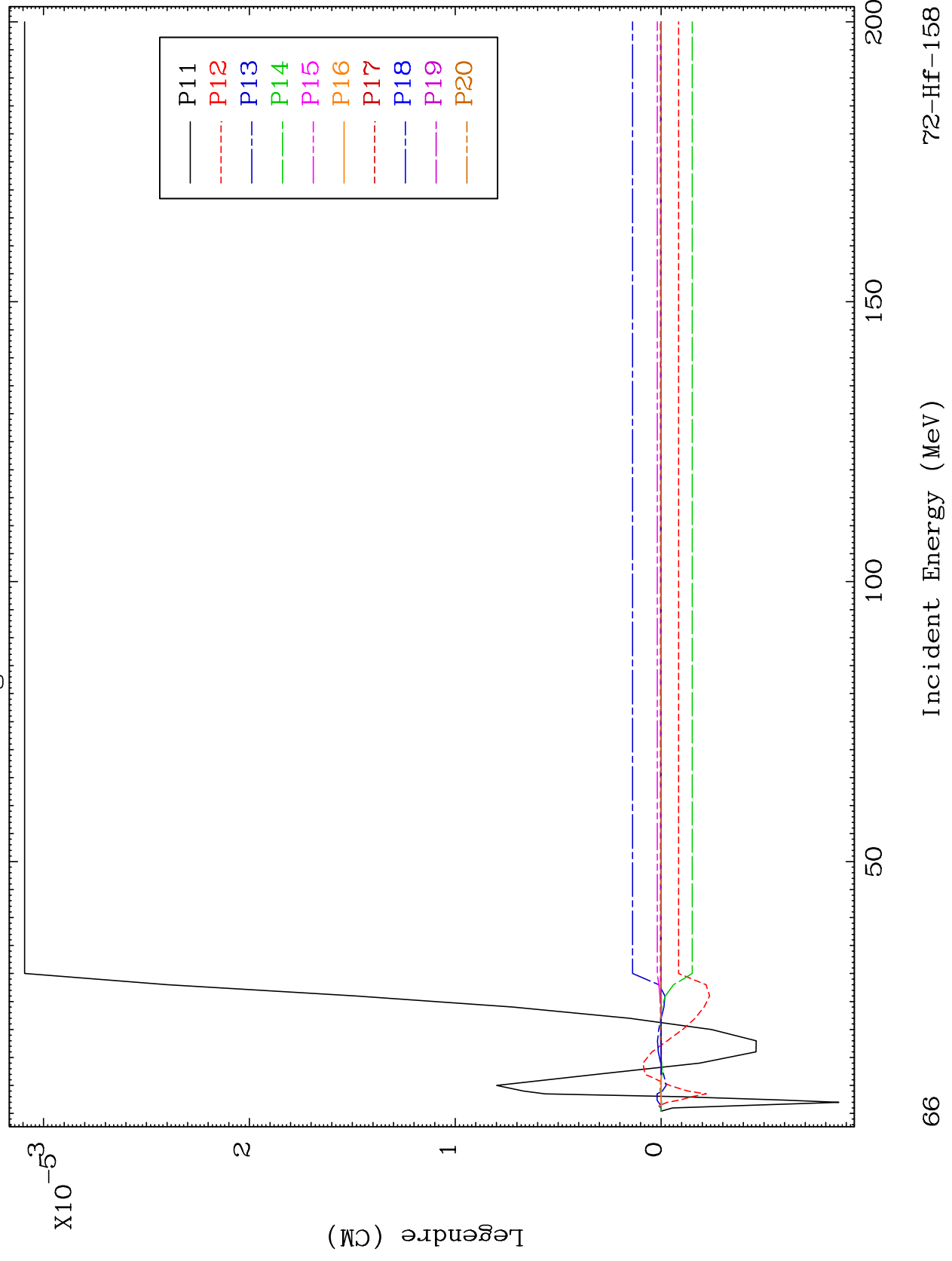
72-Hf-158



65

Incident Energy (MeV)

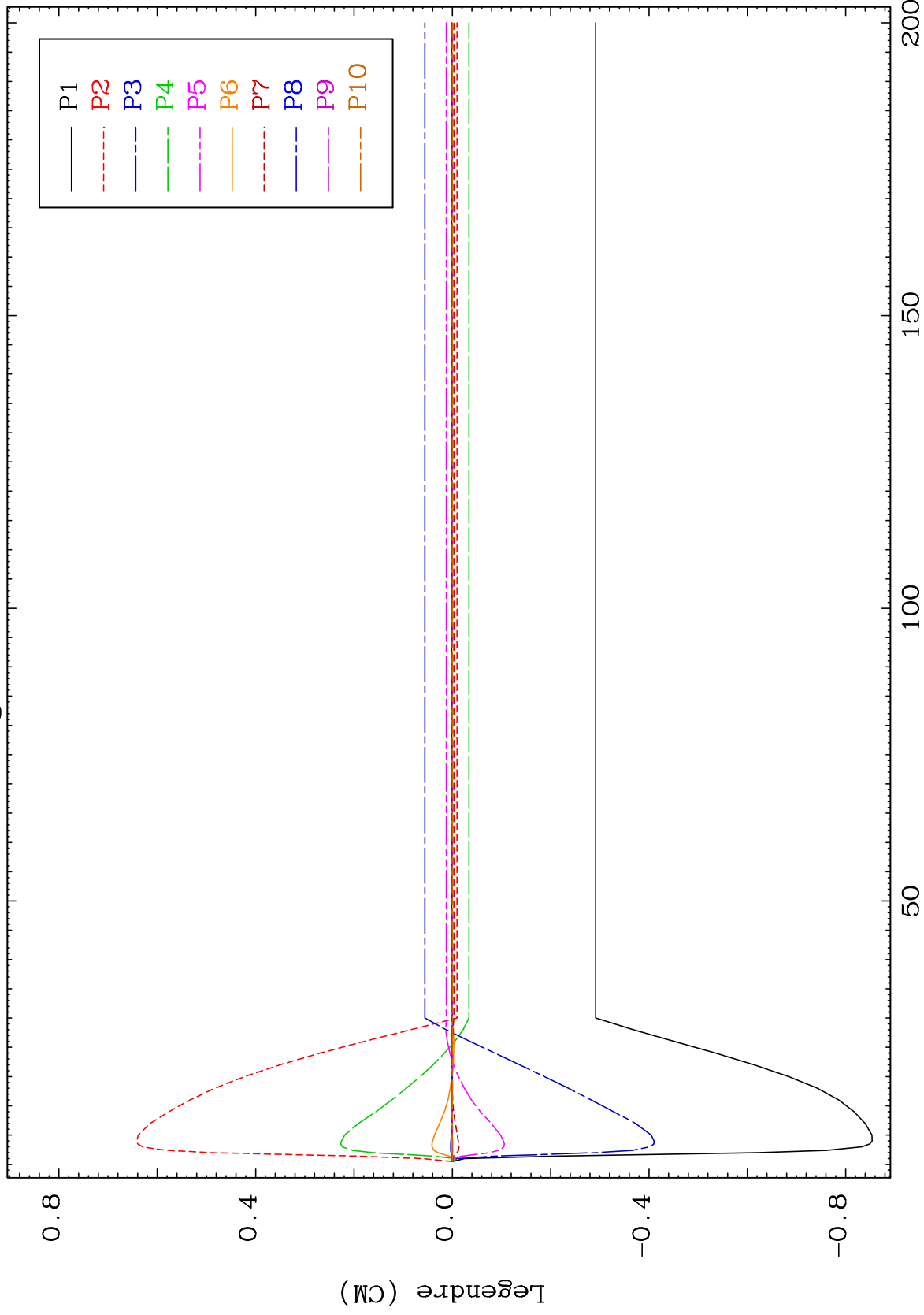
72-Hf-158



MAT 7177

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

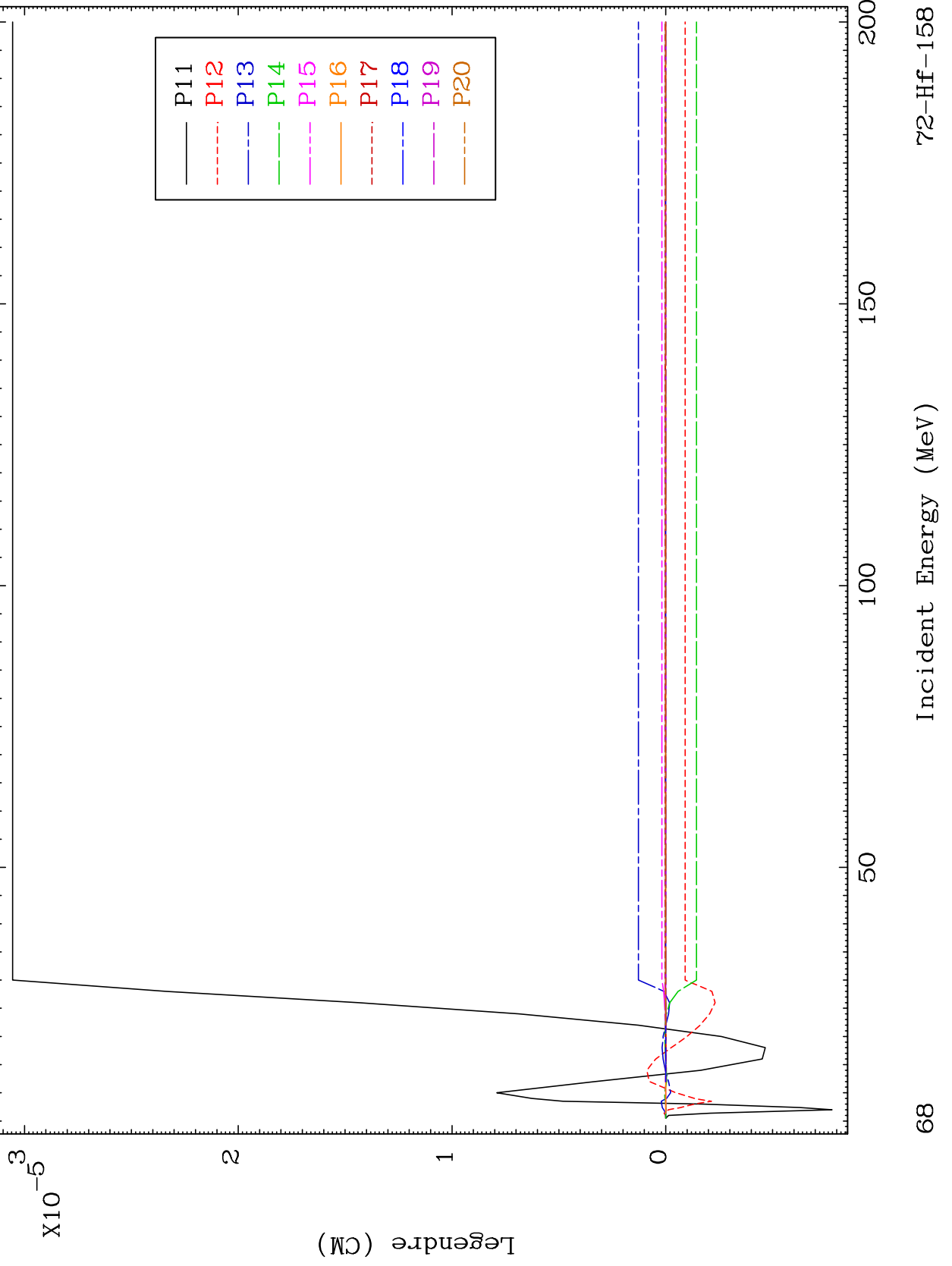
72-Hf-158

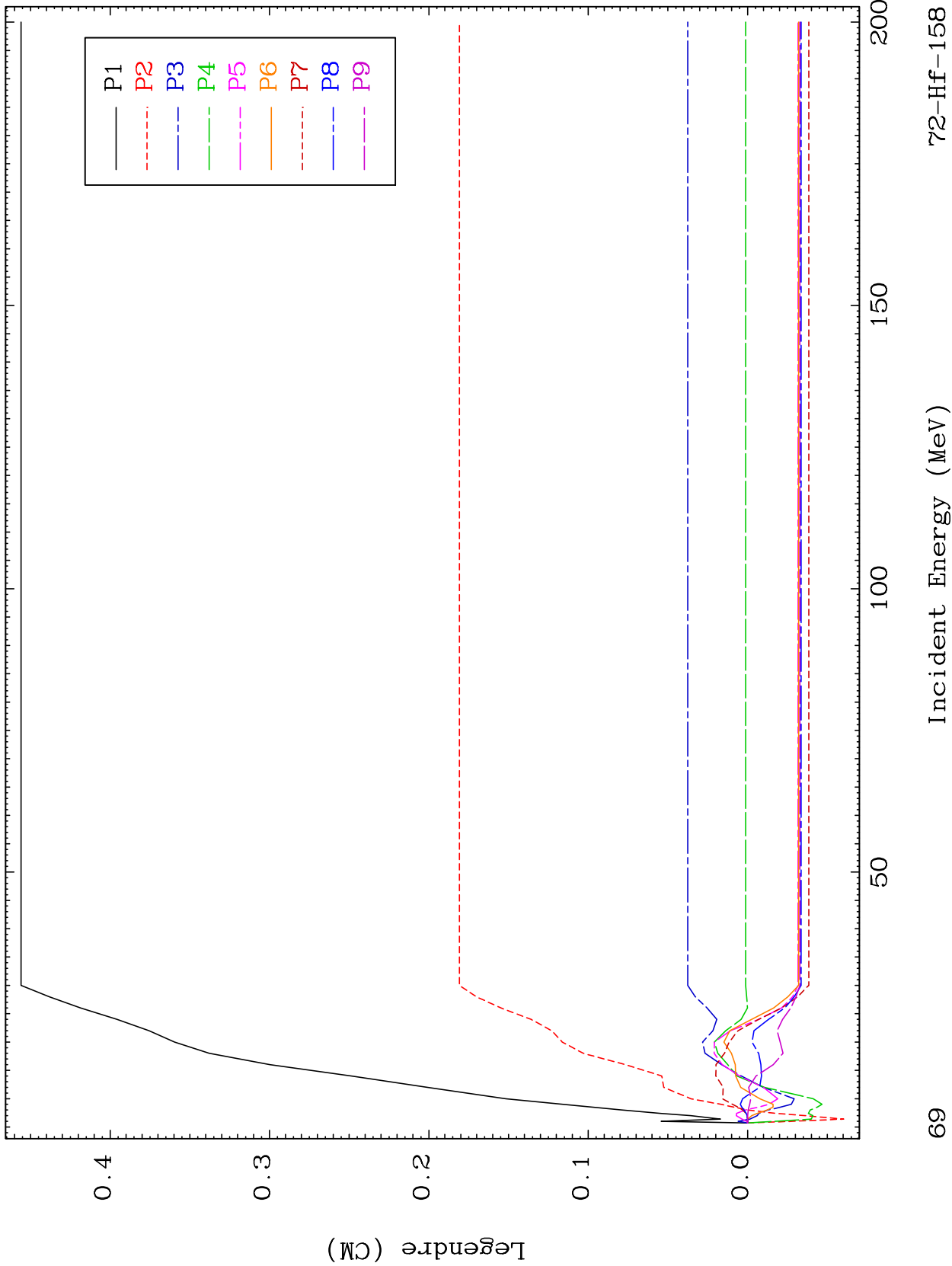


67

Incident Energy (MeV)

72-Hf-158

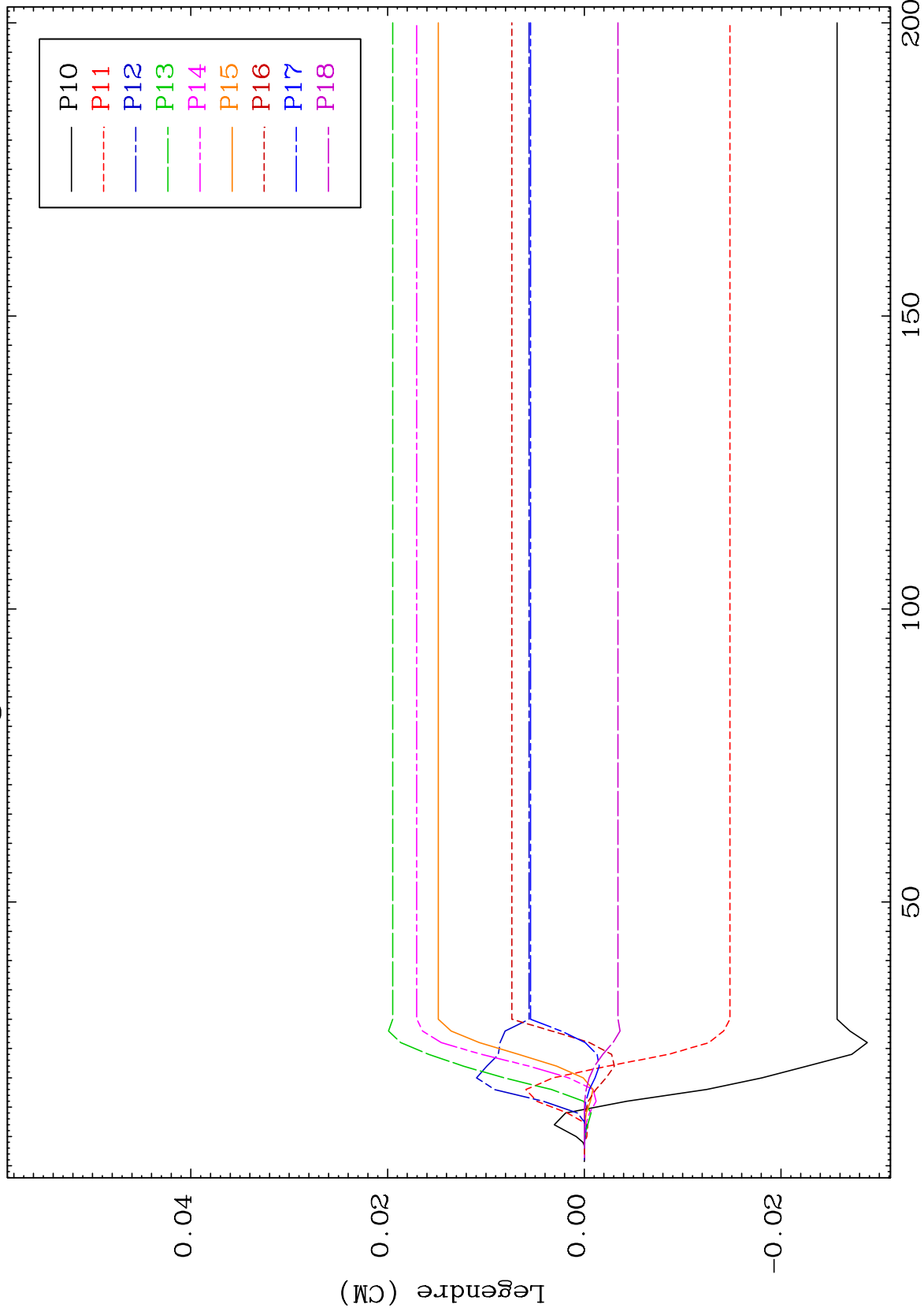




MAT 7177

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

72-Hf-158



70

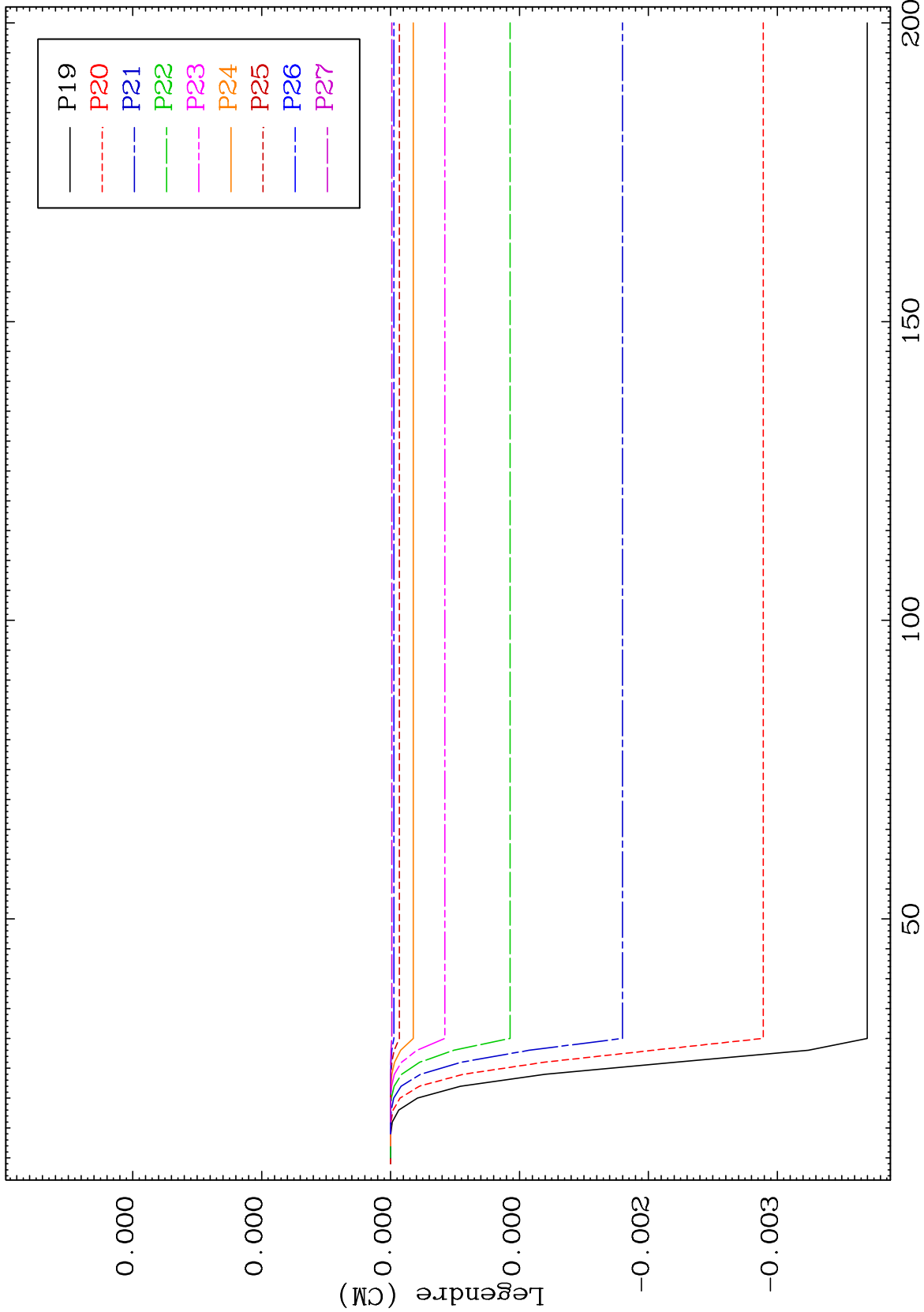
Incident Energy (MeV)

72-Hf-158

MAT 7177

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

72-Hf-158



71

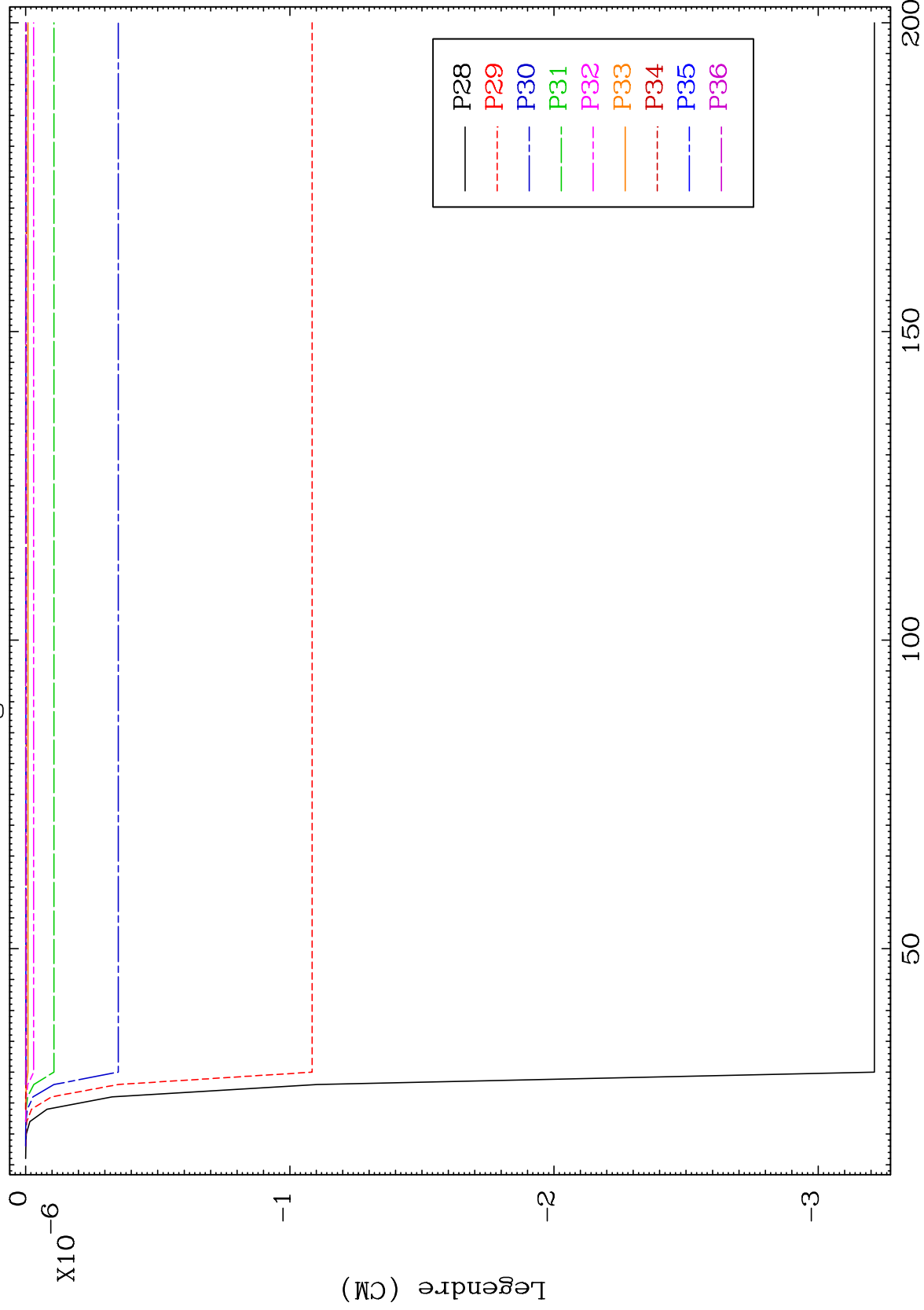
Incident Energy (MeV)

72-Hf-158

MAT 7177

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

72-Hf-158



72

Incident Energy (MeV)

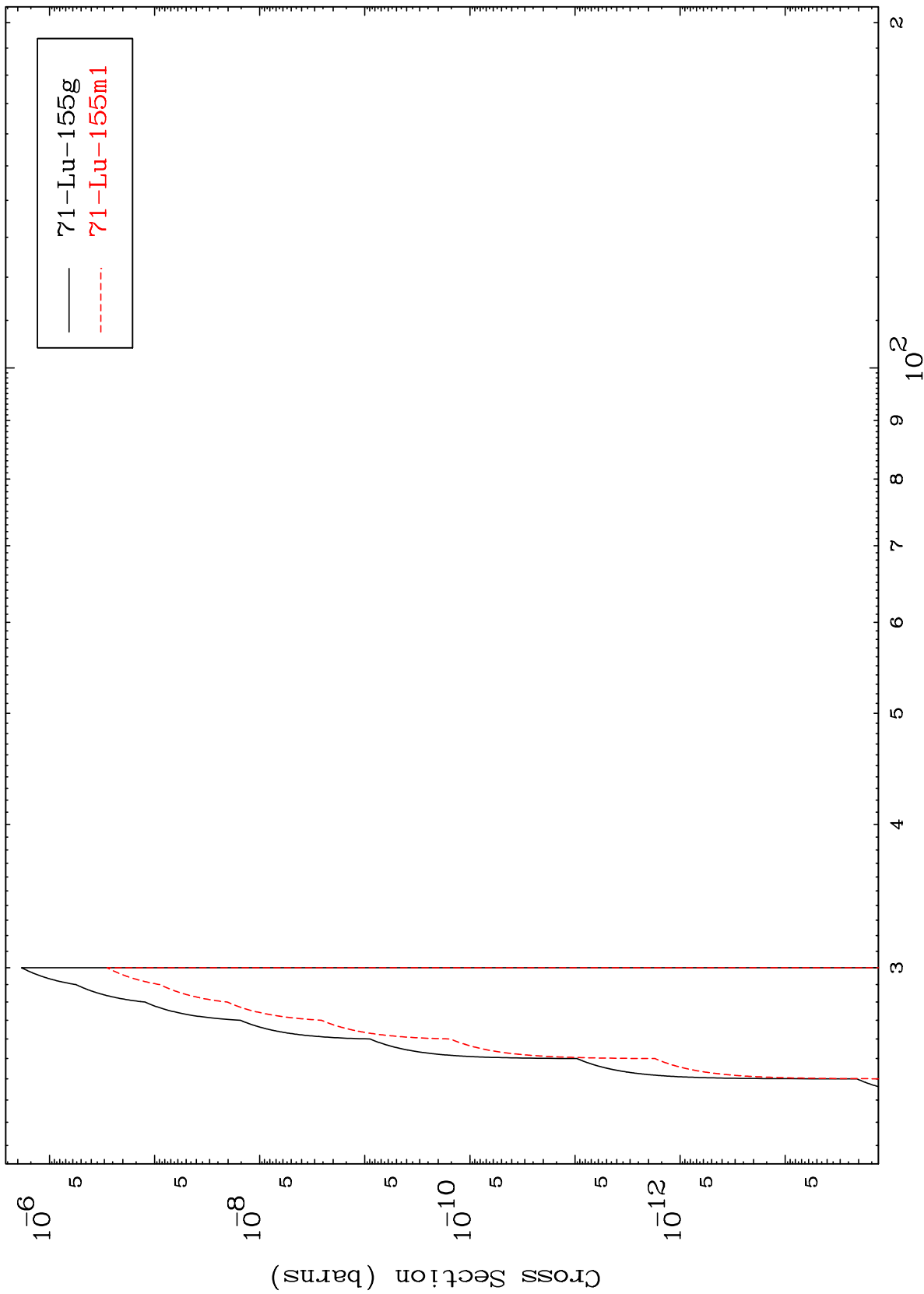
72-Hf-158

MAT 71777

(n,2n) d

72-Hf-158

Radionuclide Production Cross Section



73

Incident Energy (MeV)

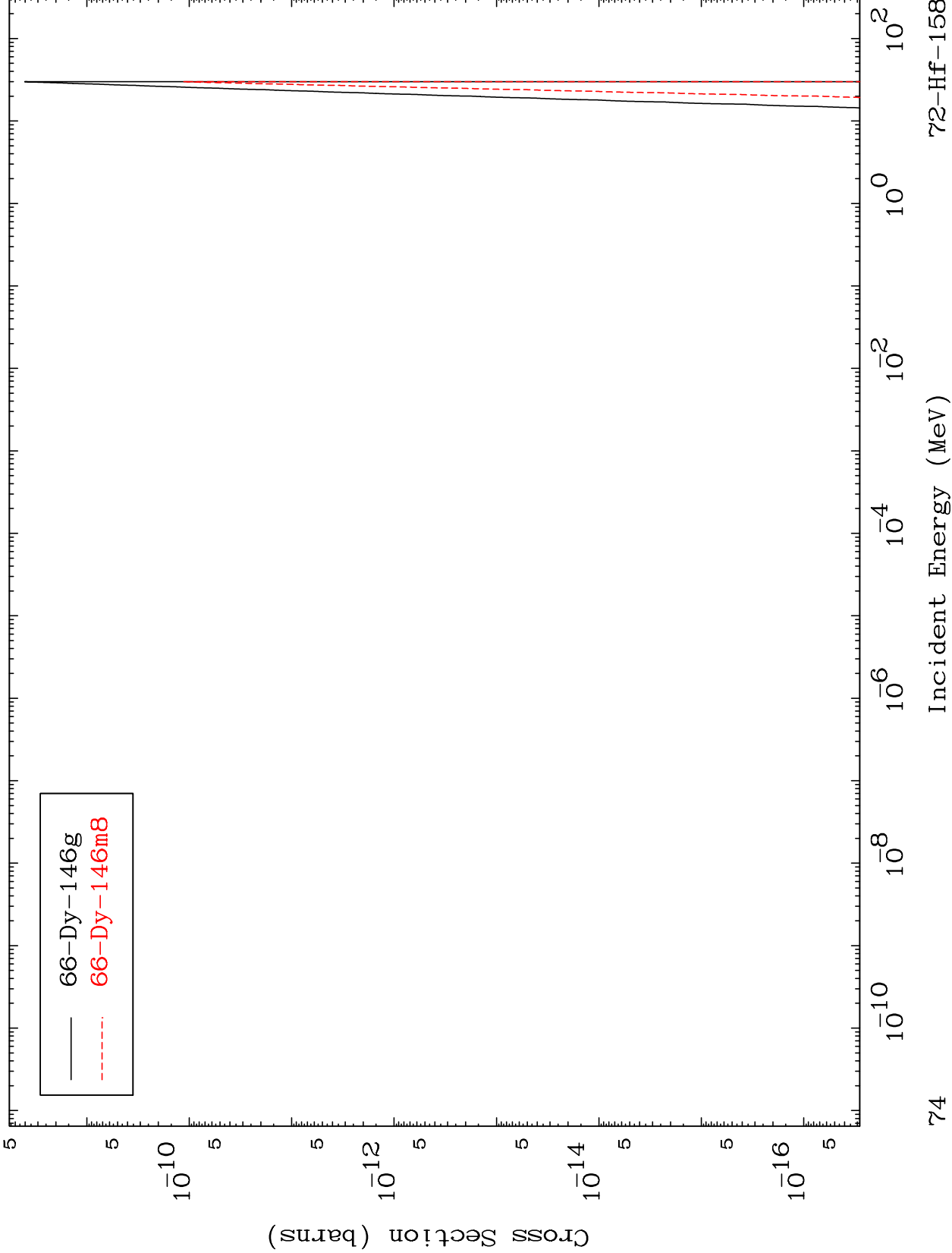
72-Hf-158

MAT 7177

(n,n') 3 α

72-Hf-158

Radionuclide Production Cross Section

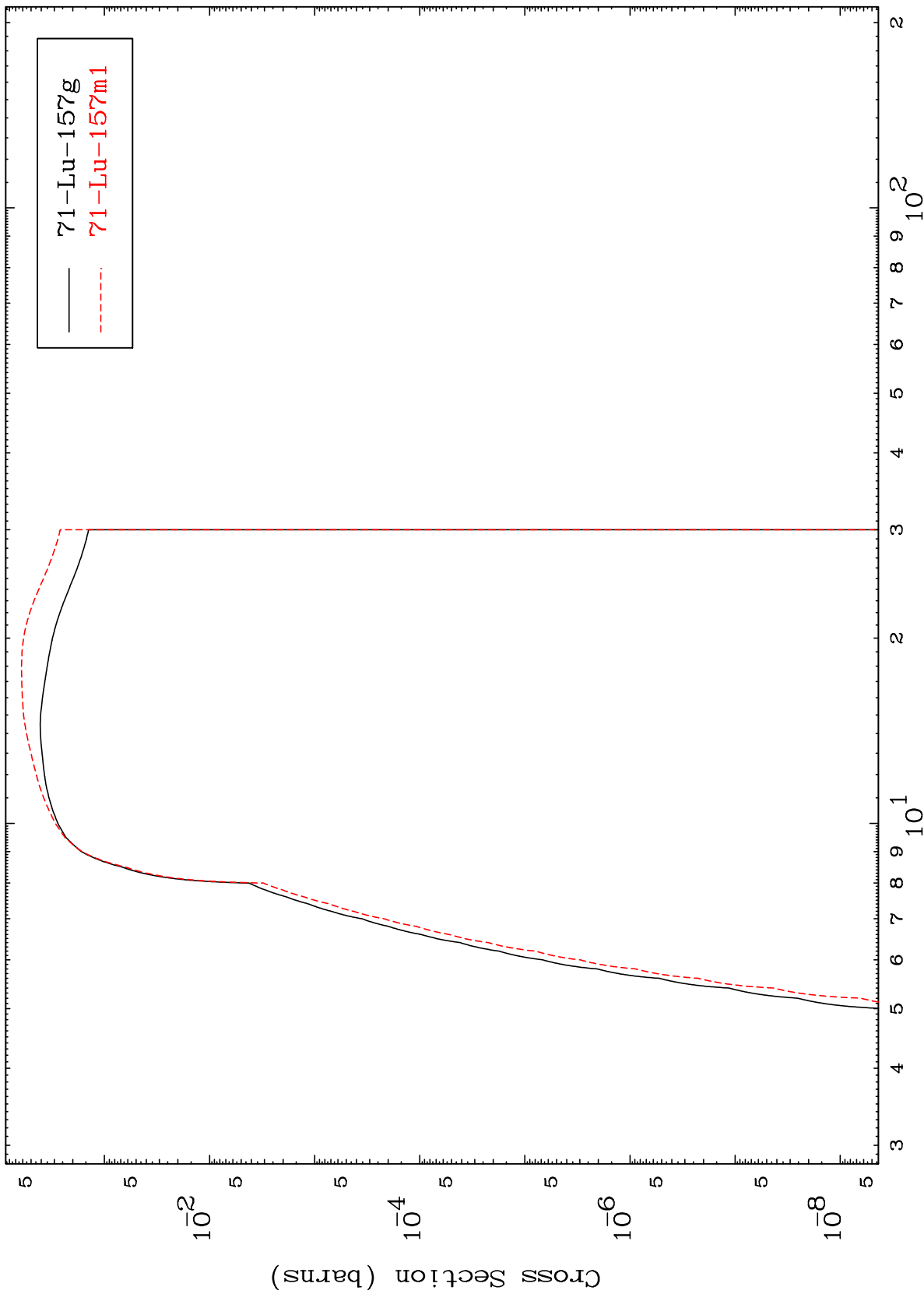


74

Incident Energy (MeV)

72-Hf-158

(n,n') p
Radionuclide Production Cross Section

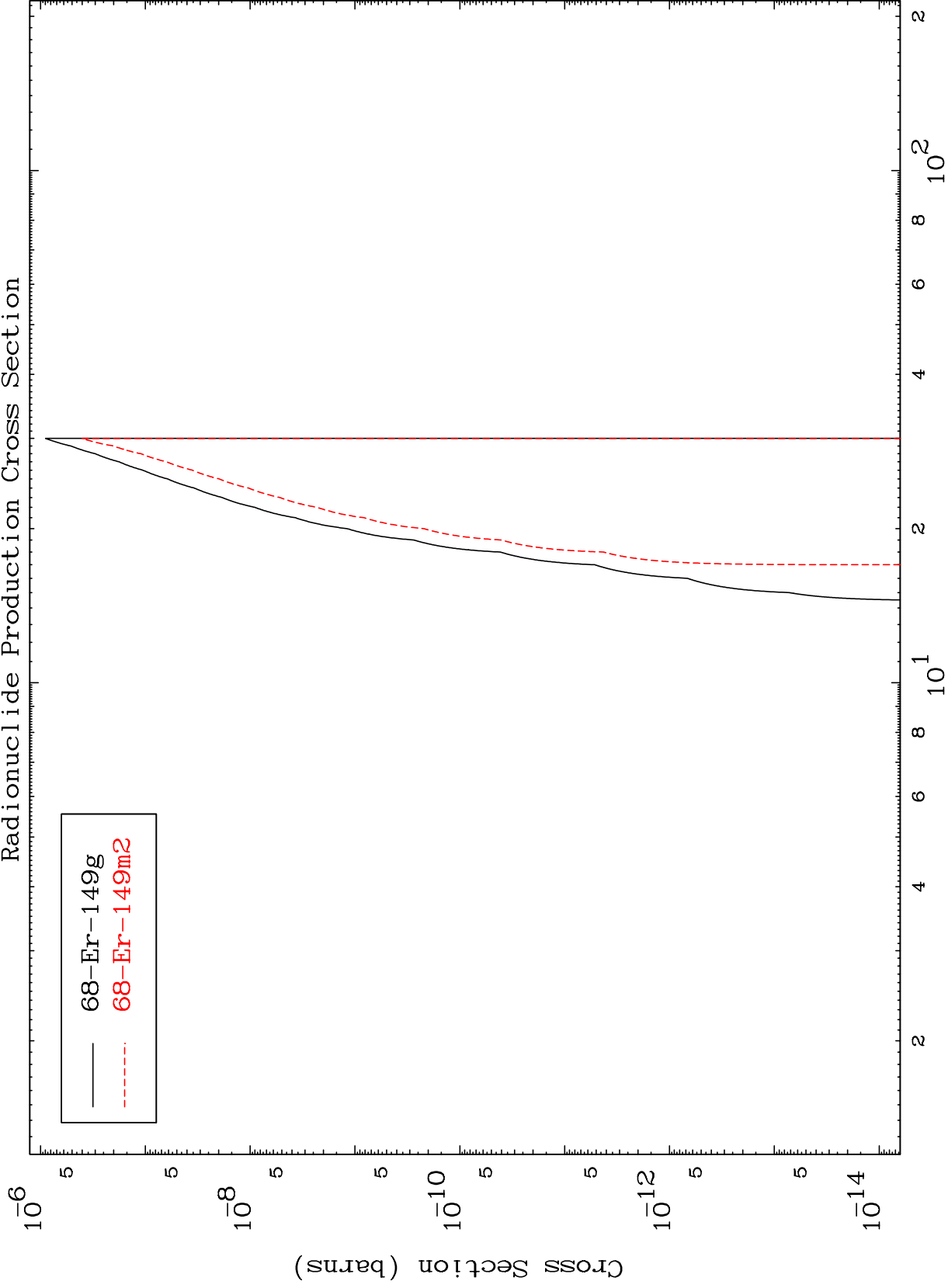


MAT 7177

(n,2n) 2 α

72-Hf-158

Radionuclide Production Cross Section



76

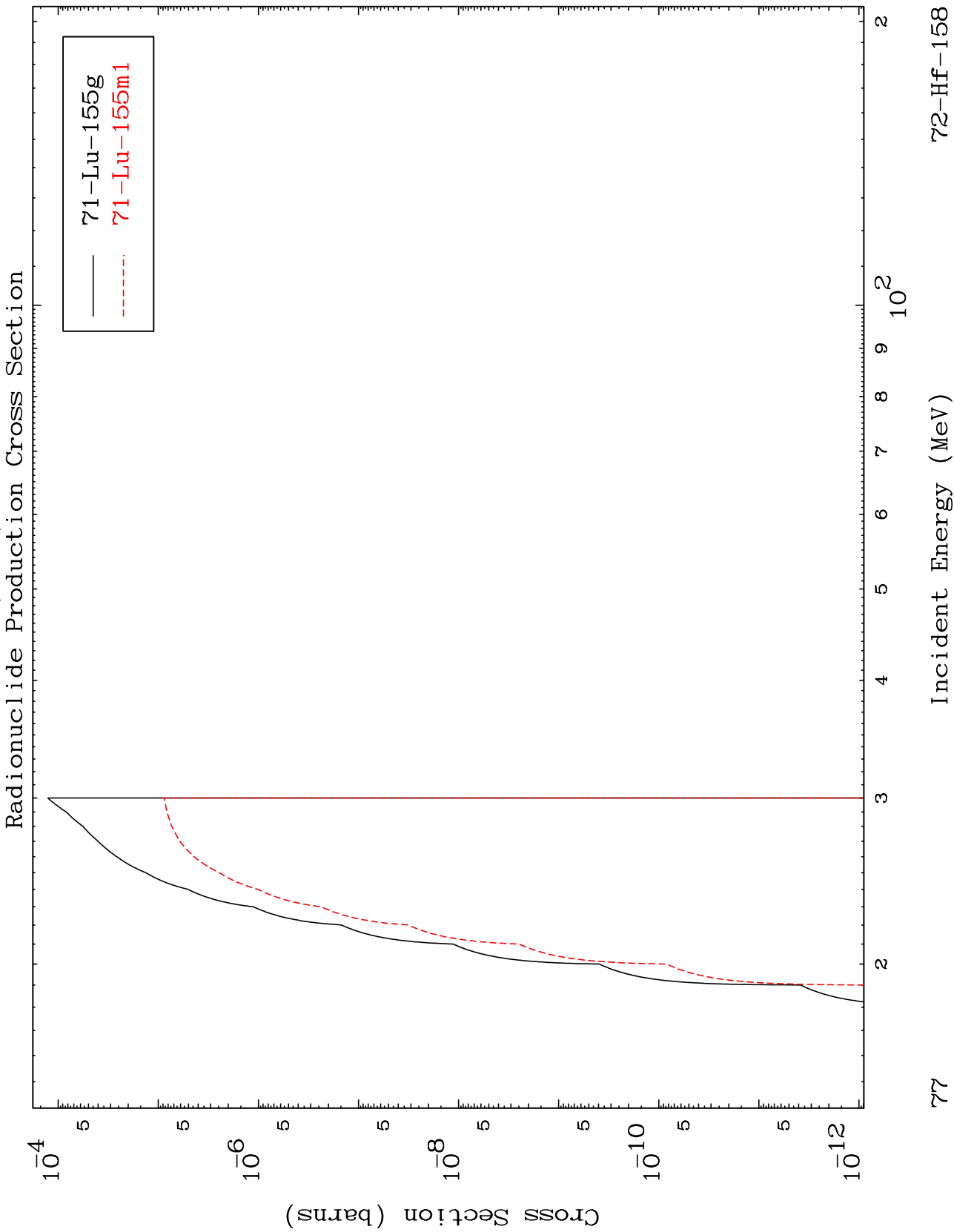
Incident Energy (MeV)

72-Hf-158

MAT 71777

(n,n') t

72-Hf-158

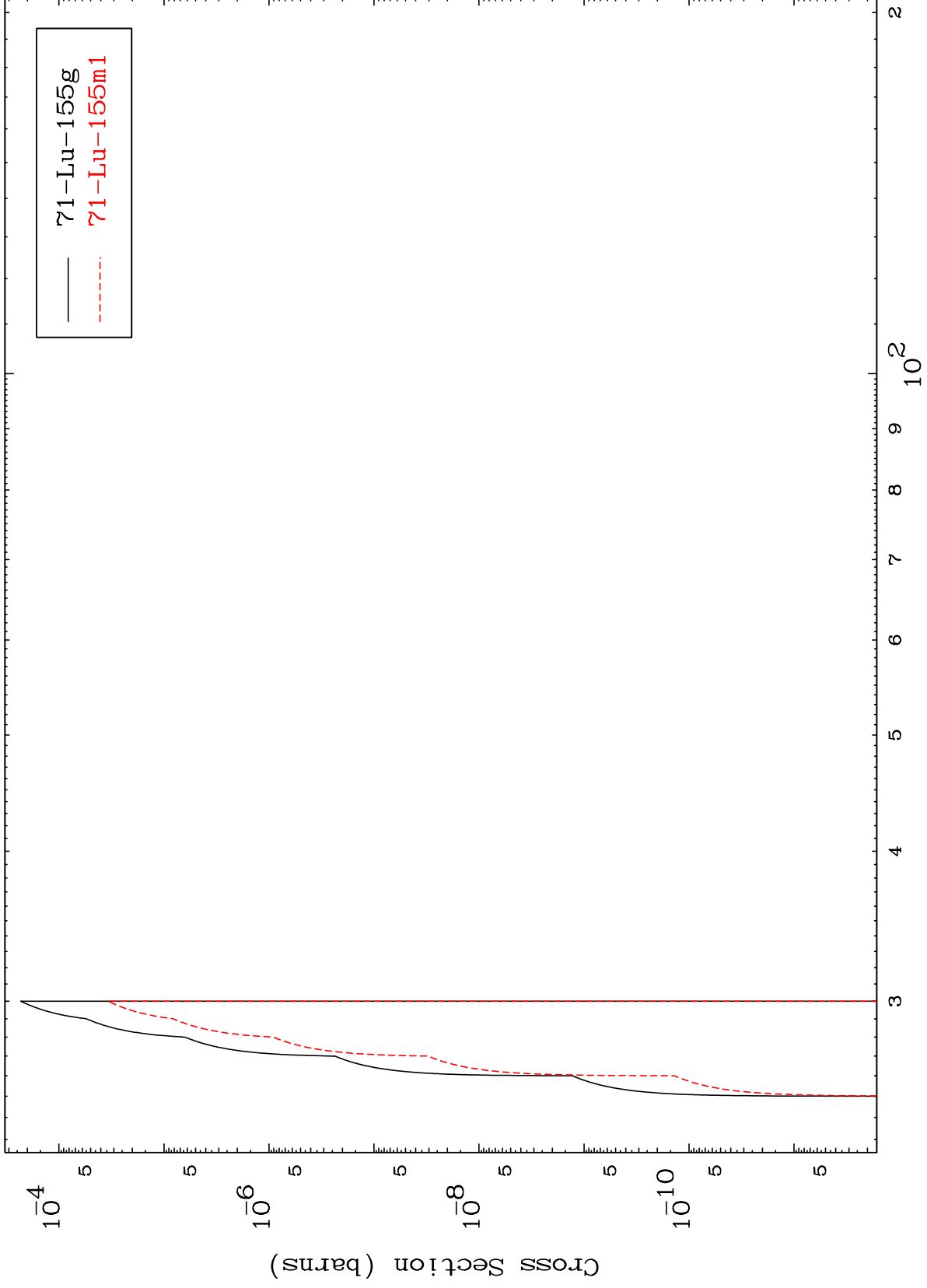


77

Incident Energy (MeV)

72-Hf-158

Radionuclide Production Cross Section

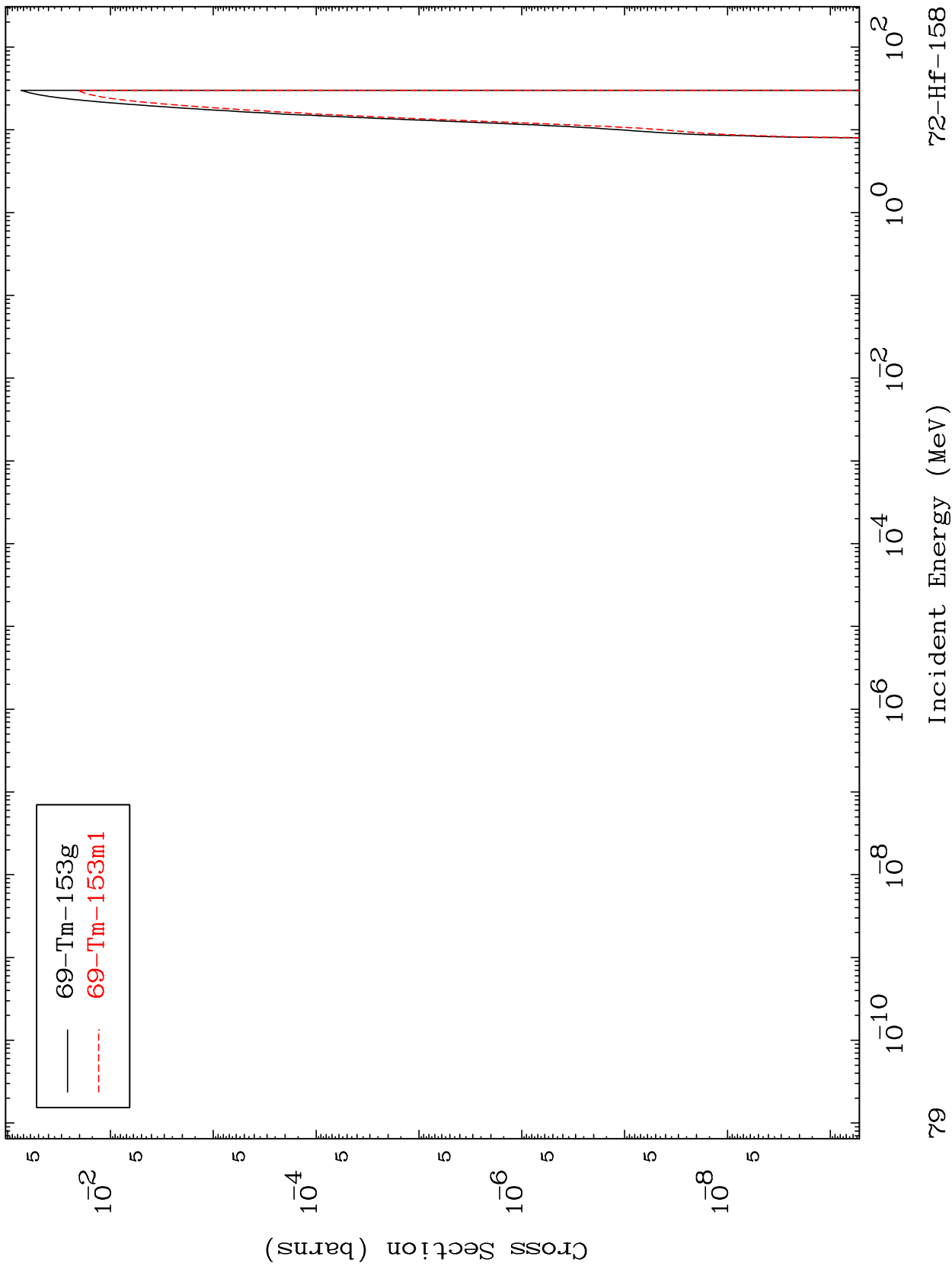


MAT 7177

(n,n') p α

72-Hf-158

Radionuclide Production Cross Section



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

79

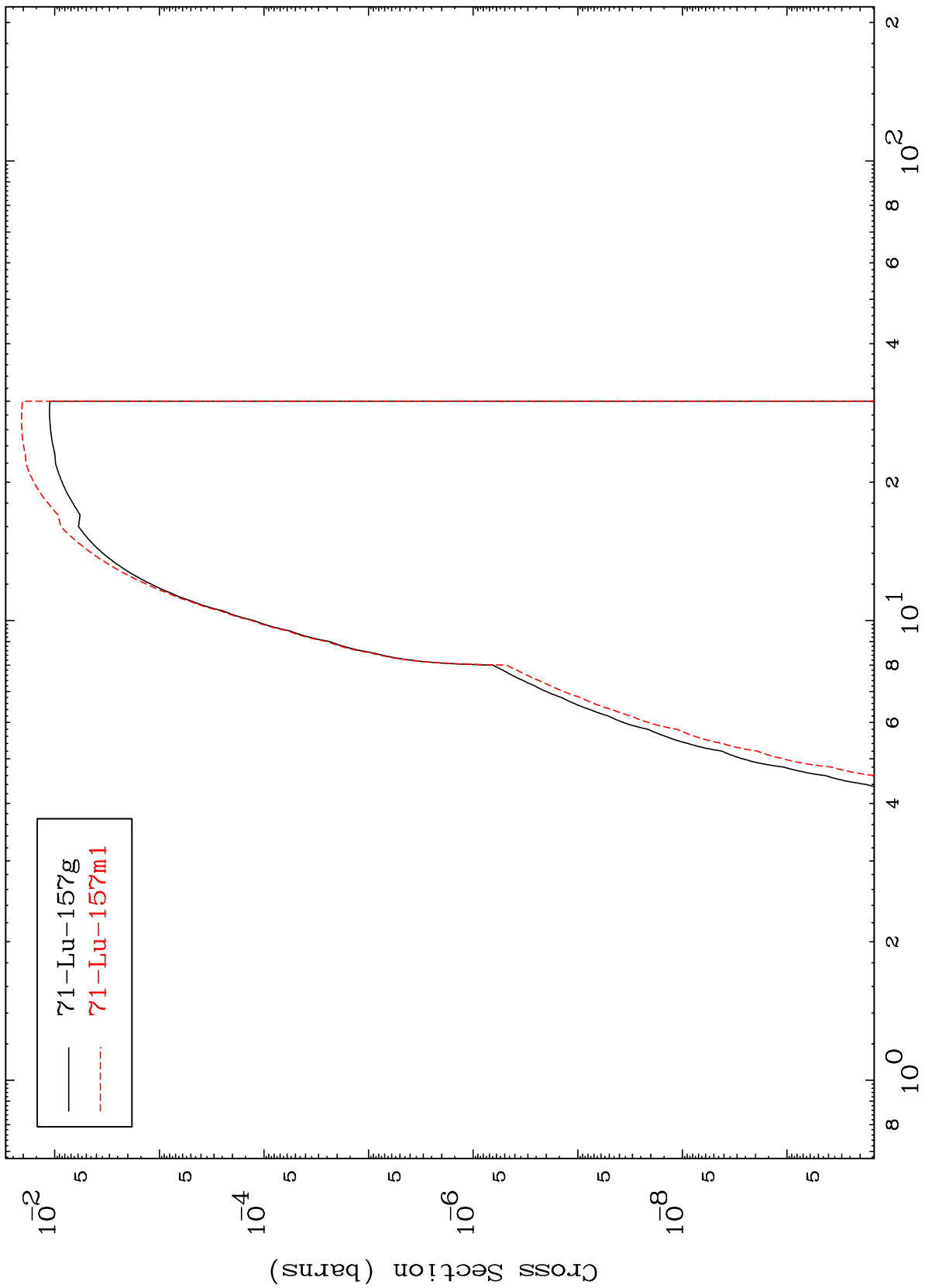
Incident Energy (MeV)

72-Hf-158

MAT 7177

72-Hf-158

(n,d)
Radionuclide Production Cross Section



80

Incident Energy (MeV)

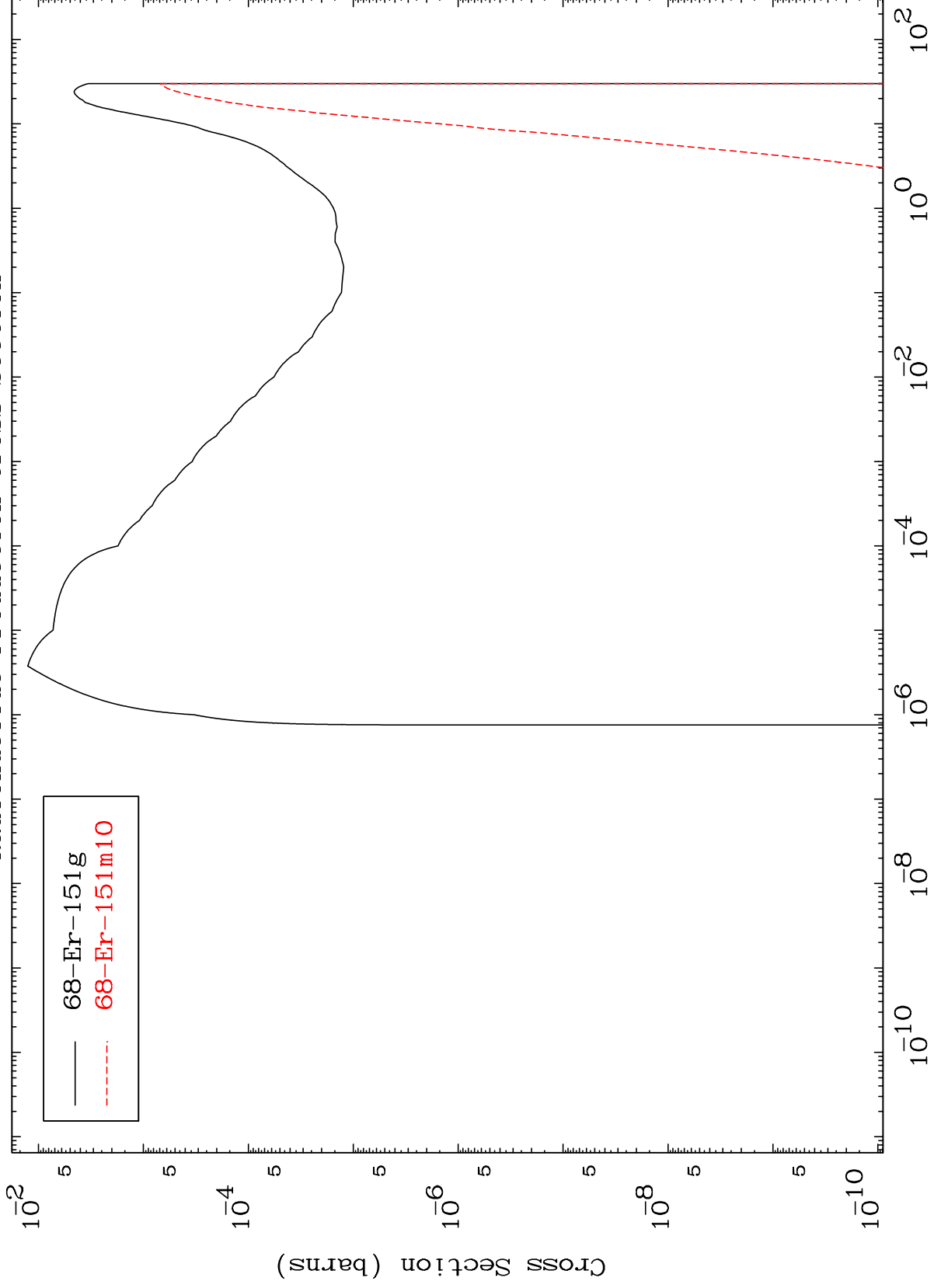
72-Hf-158

MAT 7177

(n,2α)

72-Hf-158

Radionuclide Production Cross Section



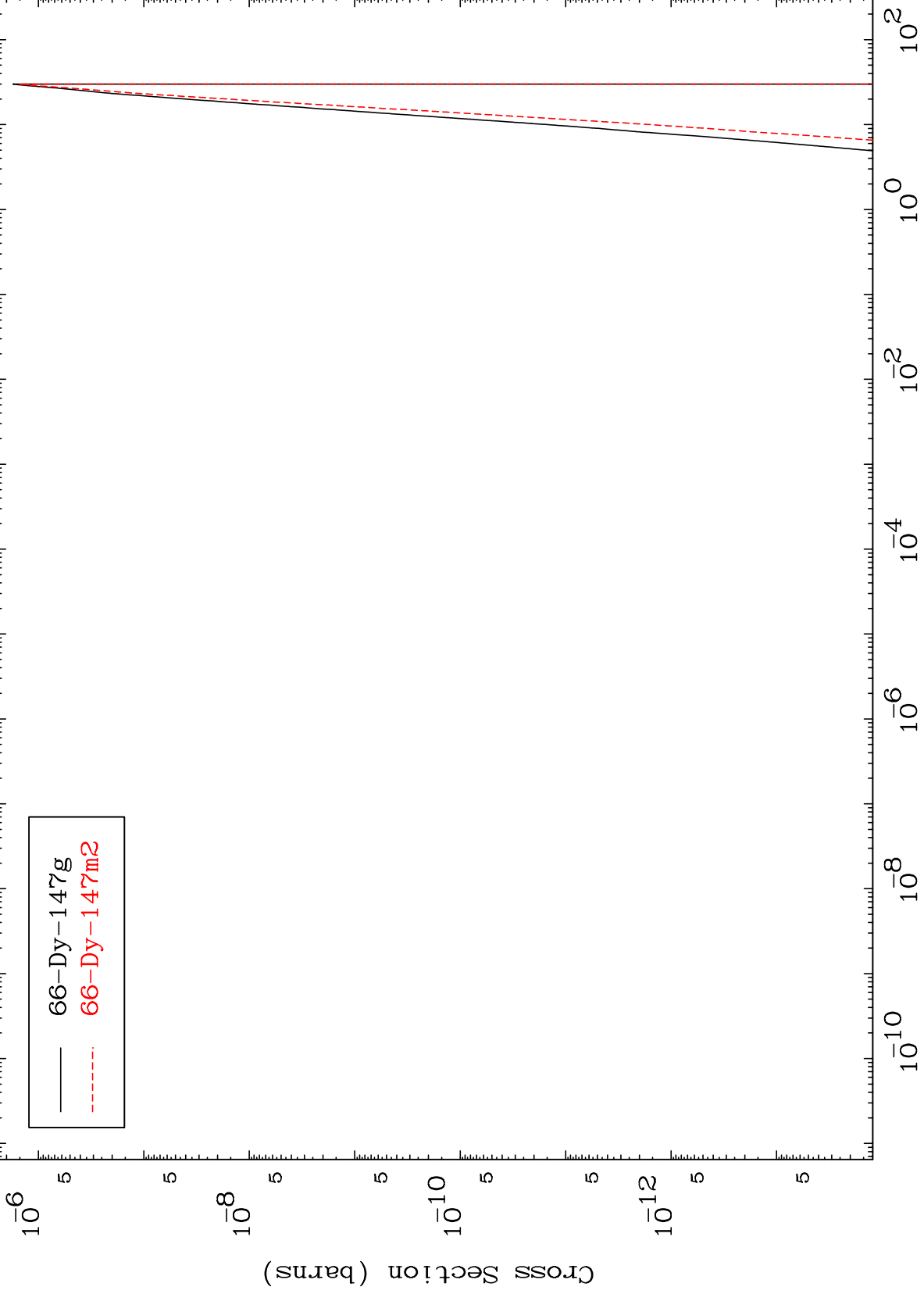
68-Er-151g
68-Er-151m10

MAT 7177

(n,3 α)

72-Hf-158

Radionuclide Production Cross Section



82

Incident Energy (MeV)

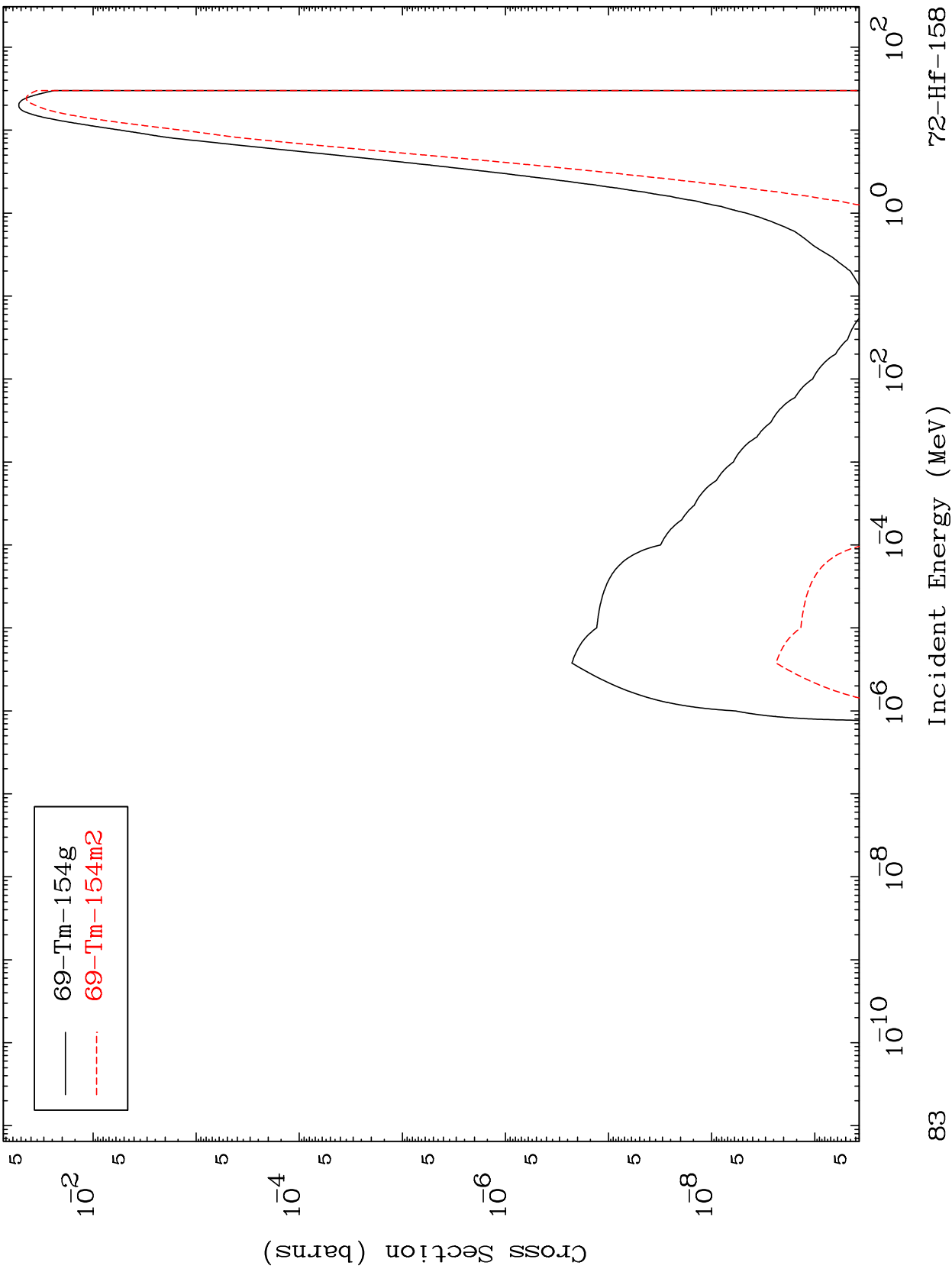
72-Hf-158

MAT 7177

(n,p) α

72-Hf-158

Radionuclide Production Cross Section

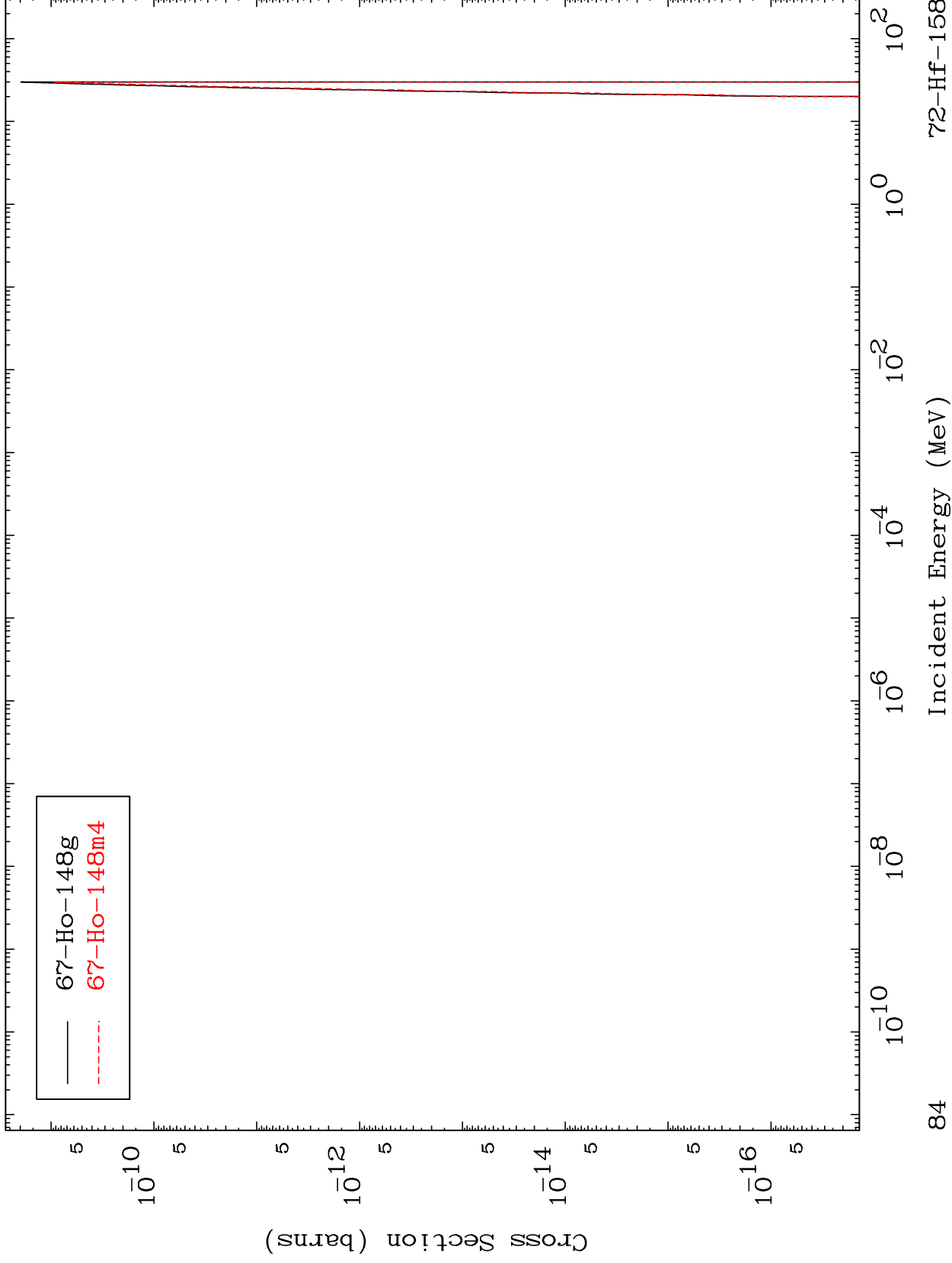


MAT 7177

(n,t) 2 α

72-Hf-158

Radionuclide Production Cross Section



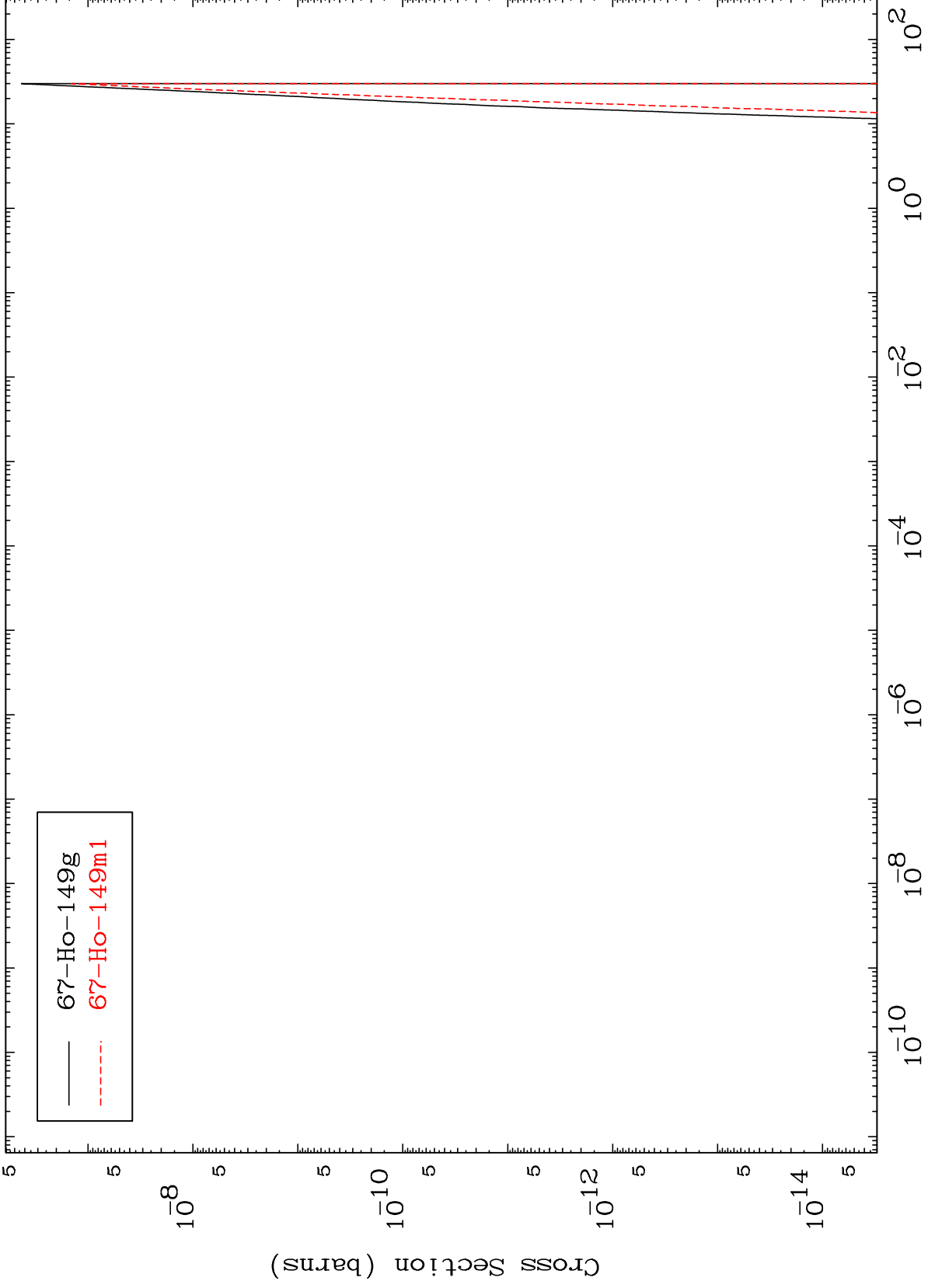
— 67-Ho-148g
- - - 67-Ho-148m4

MAT 7177

(n,d) 2 α

72-Hf-158

Radionuclide Production Cross Section



85

Incident Energy (MeV)

72-Hf-158

Radionuclide Production Cross Section

