

Program EVALPLOT
(Version 2021-1)

by

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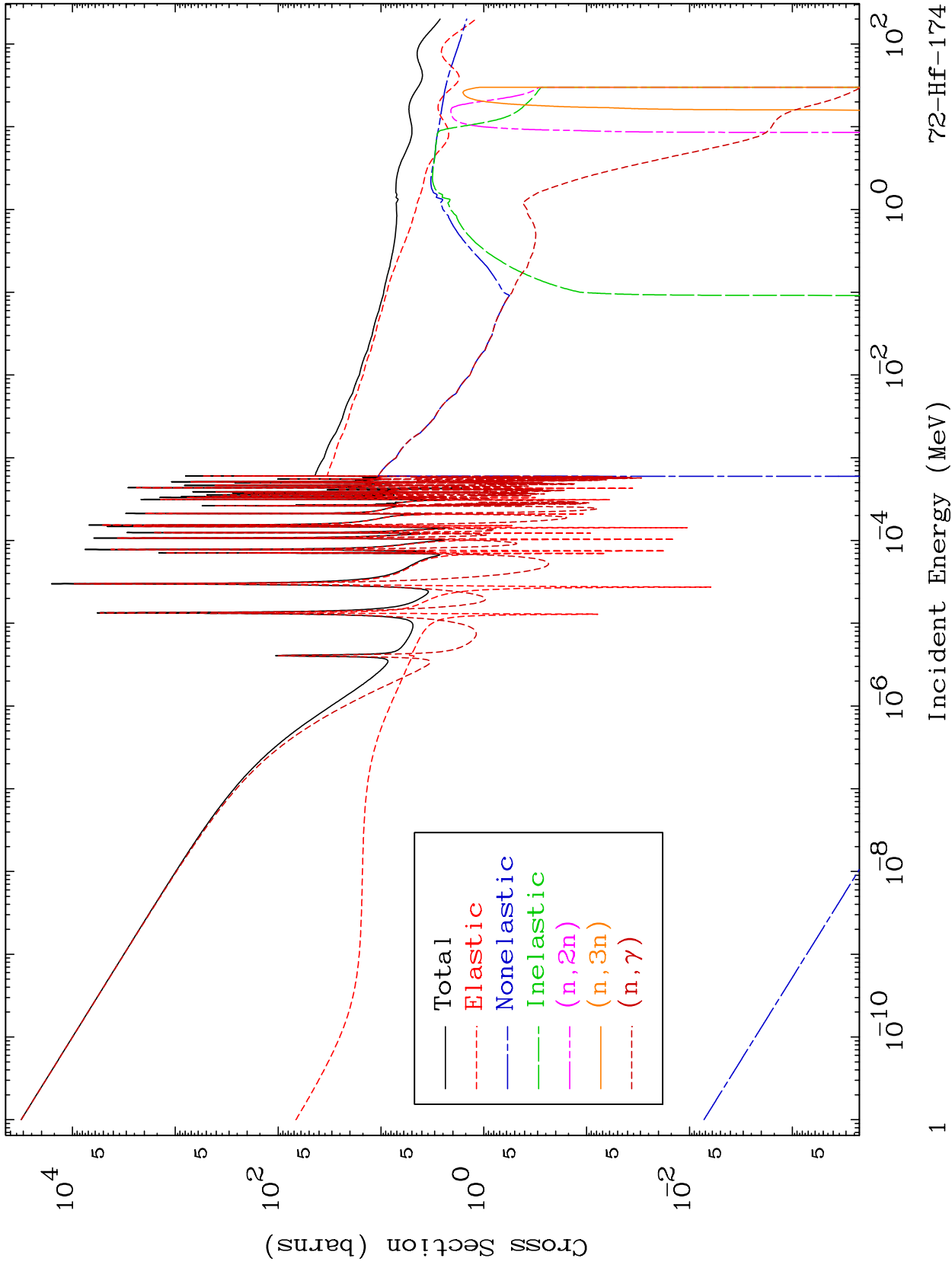
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Press Mouse Button to Start

MAT 7225

Neutron Major
293 Kelvin Cross Sections

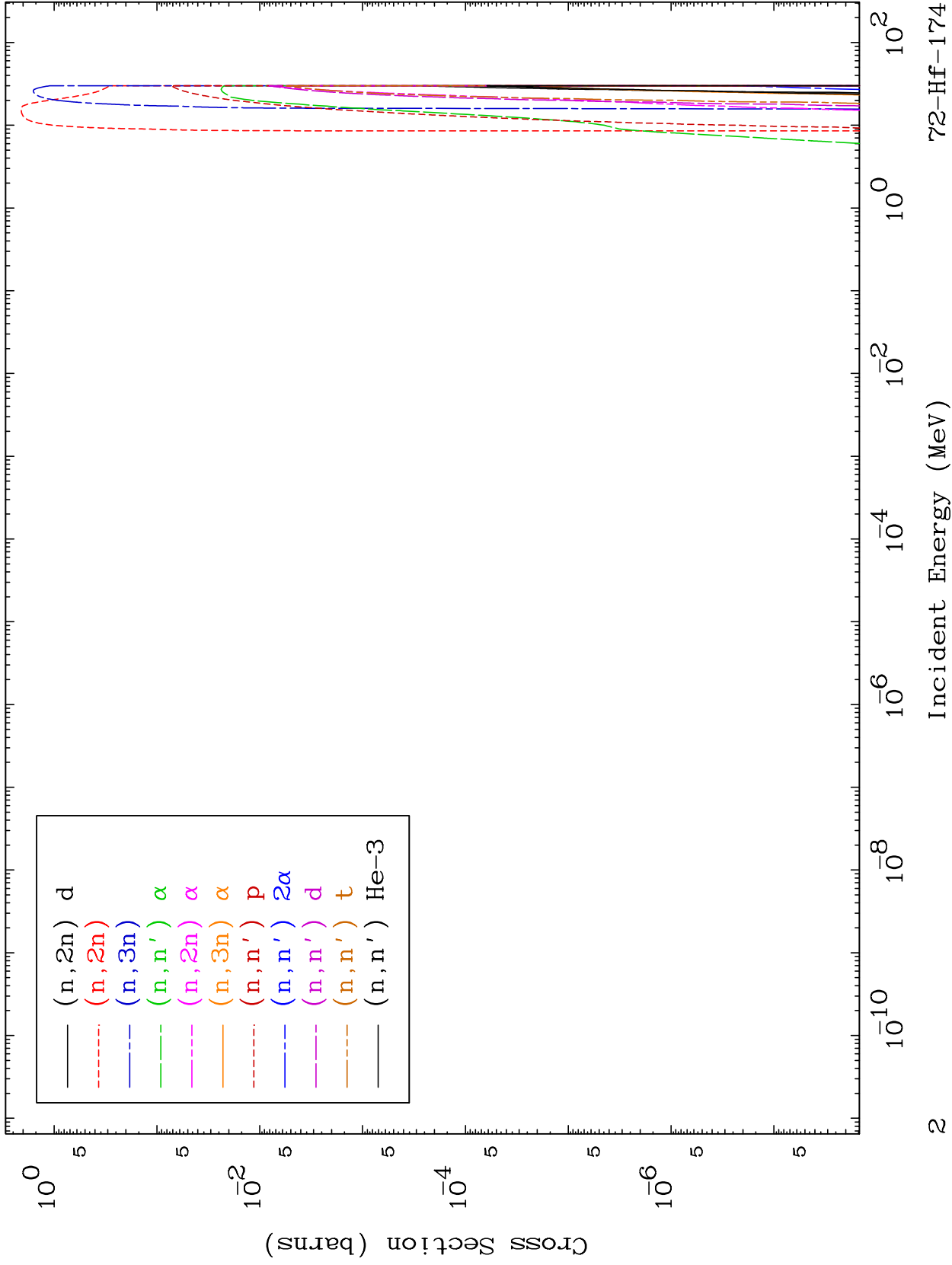
72-Hf-174



MAT 7225

Neutron Absorption
293 Kelvin Cross Sections

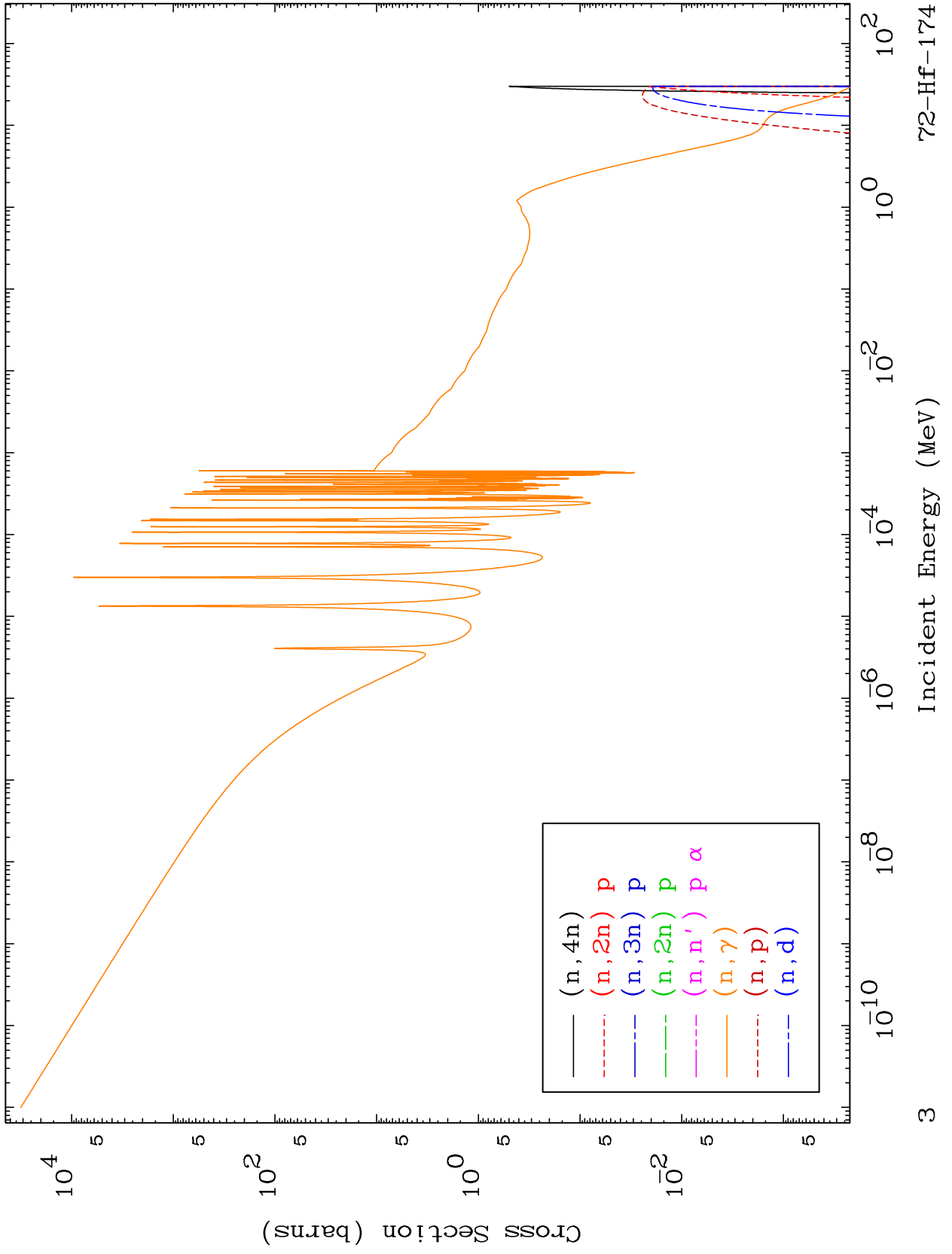
72-Hf-174



MAT 7225

Neutron Absorption
293 Kelvin Cross Sections

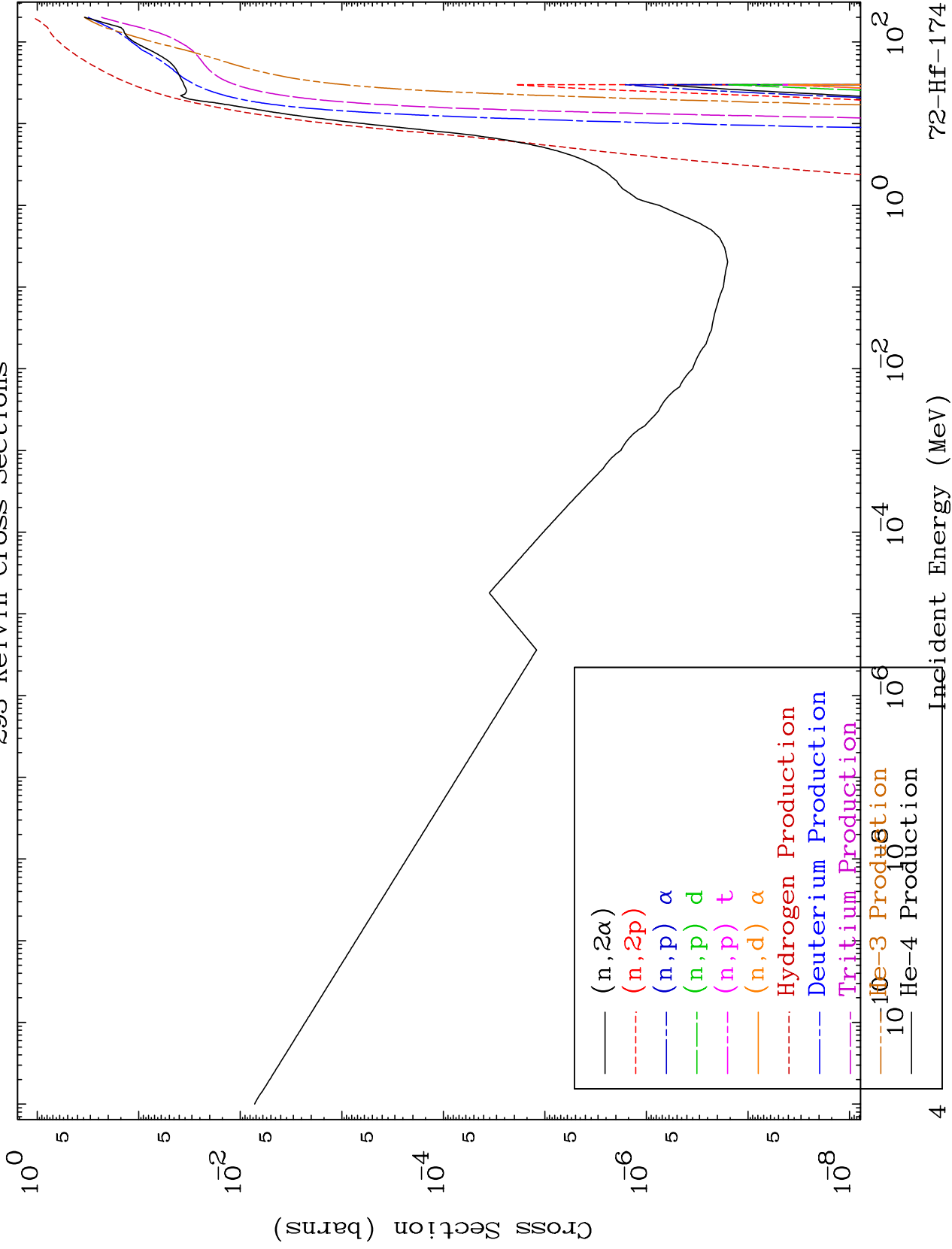
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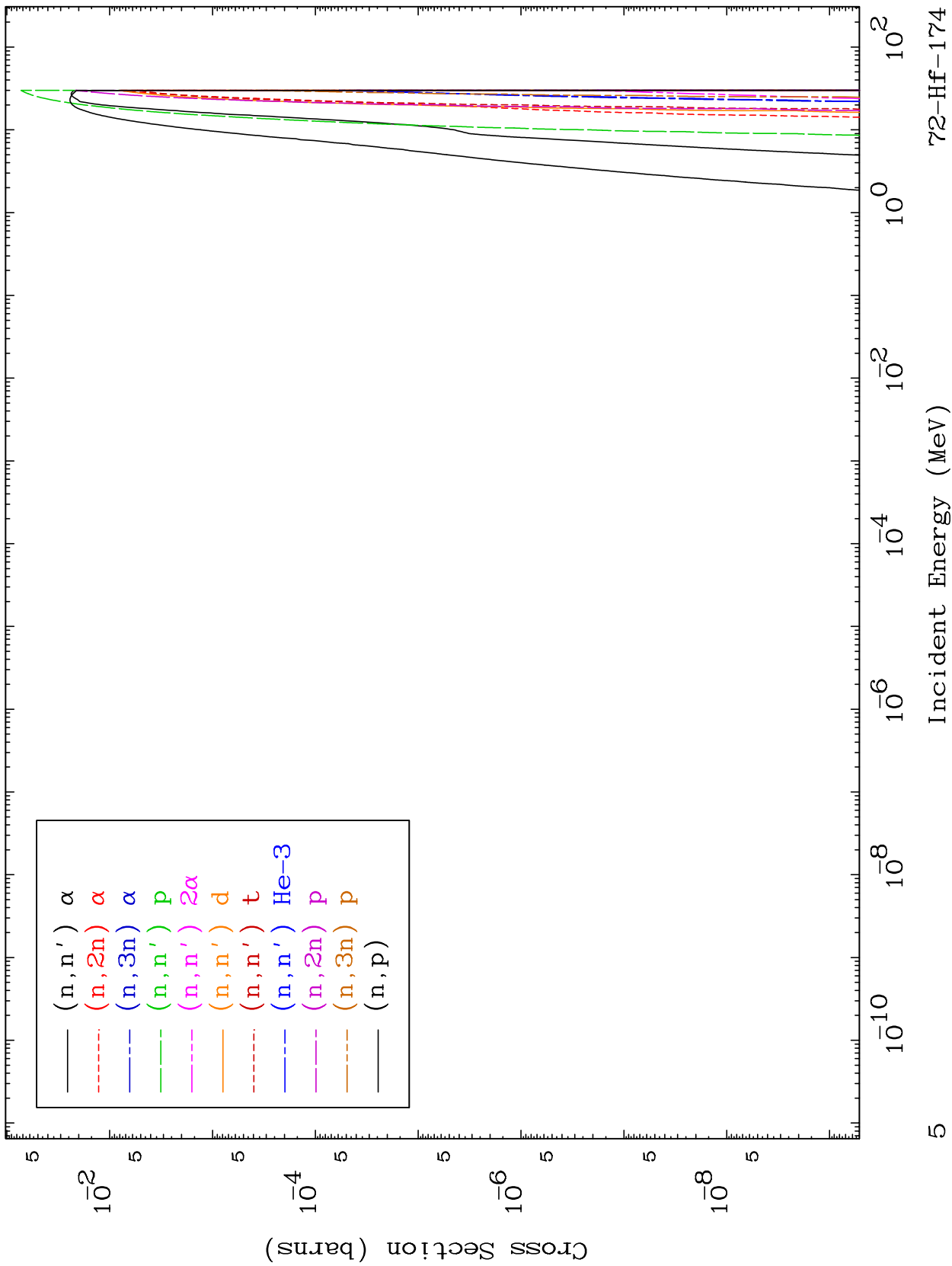


MAT 7225

Neutron Absorption
293 Kelvin Cross Sections

72-Hf-174

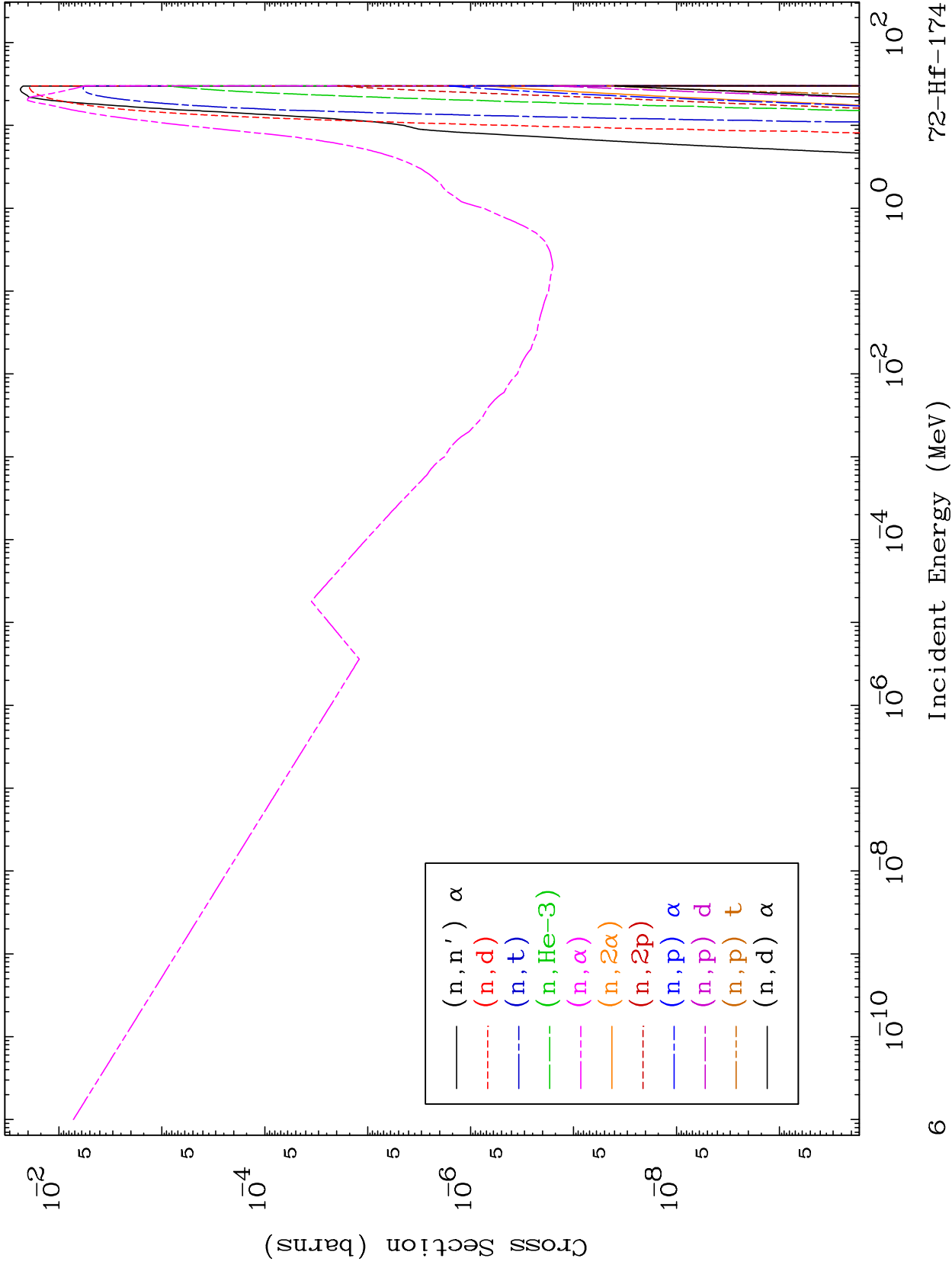




MAT 7225

Charged Particle
293 Kelvin Cross Sections

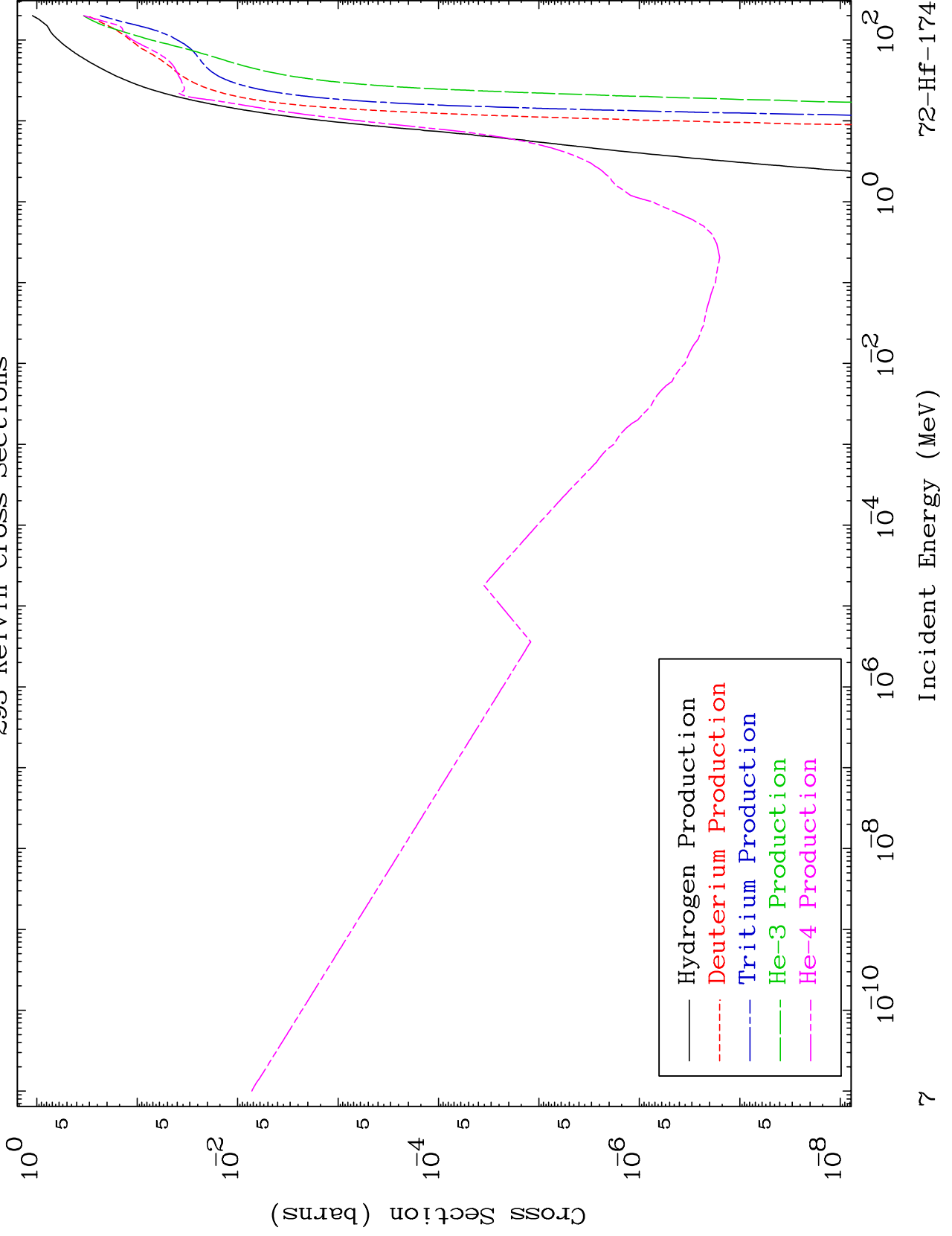
72-Hf-174



MAT 7225

Particle Production
293 Kelvin Cross Sections

72-Hf-174

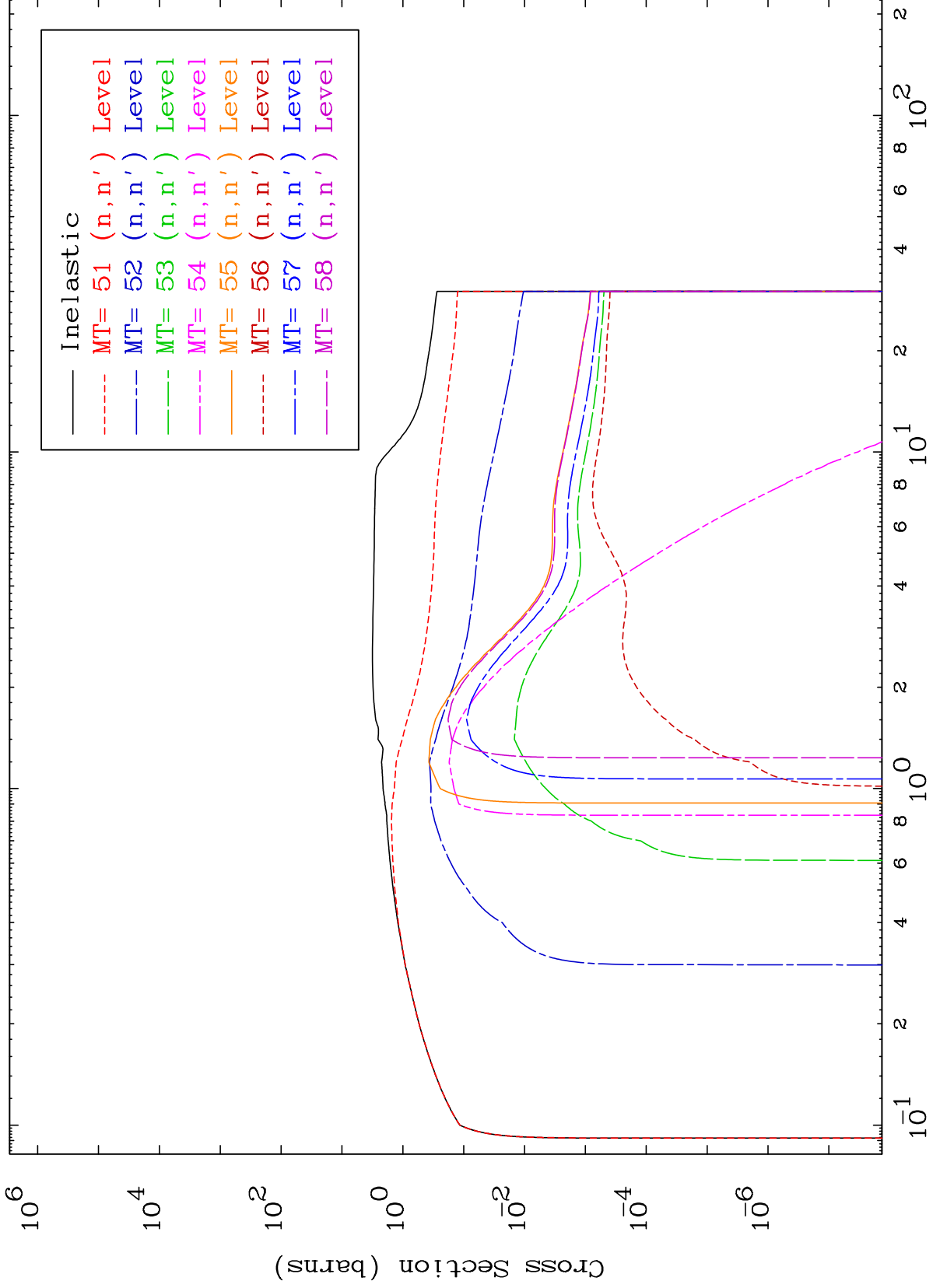


MAT 7225

(n,n') Levels

293 Kelvin Cross Sections

72-Hf-174



Incident Energy (MeV)

72-Hf-174

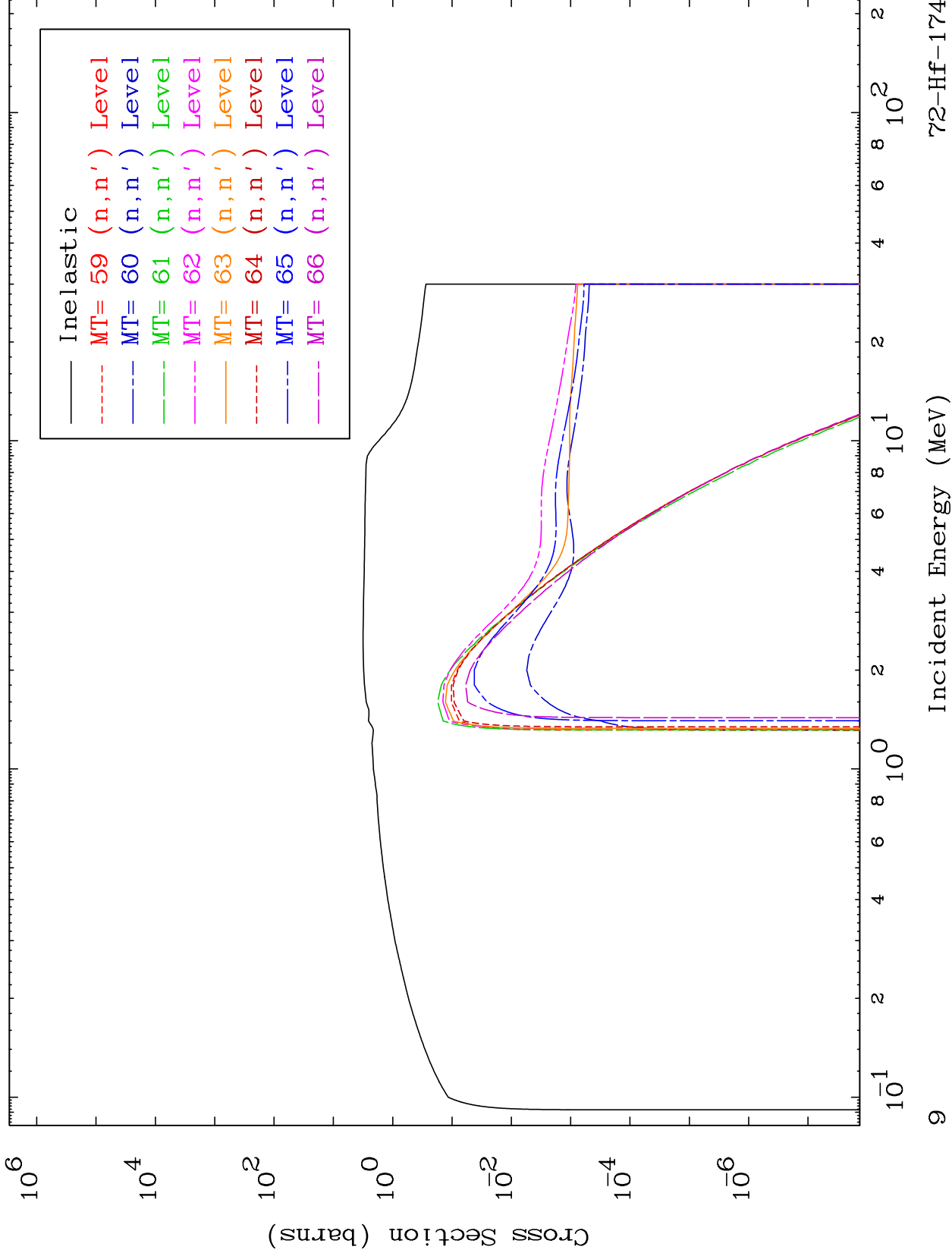
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MAT 7225

(n,n') Levels

293 Kelvin Cross Sections

72-Hf-174



9

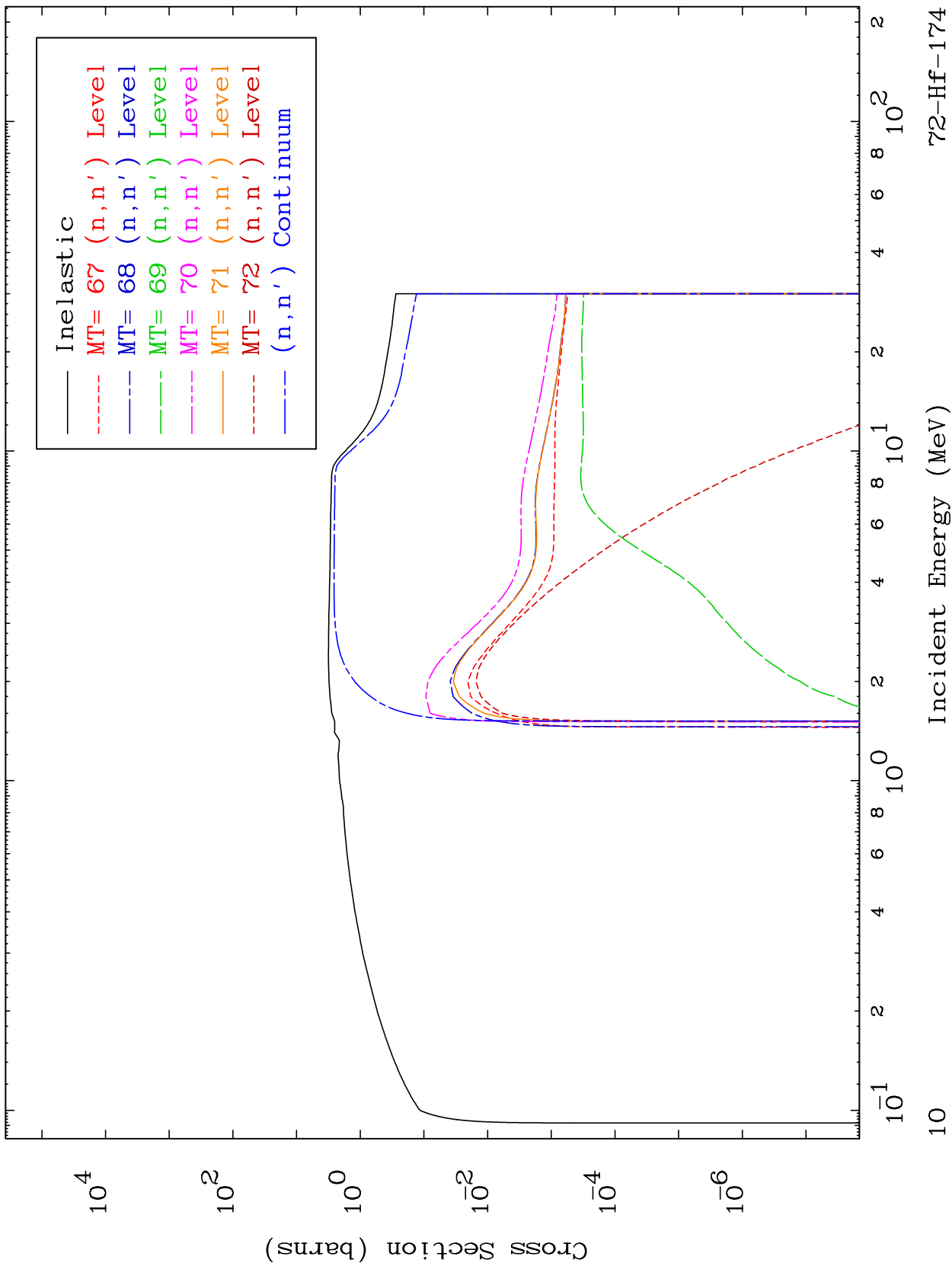
Incident Energy (MeV)

72-Hf-174

MAT 7225

(n,n') Levels
293 Kelvin Cross Sections

72-Hf-174

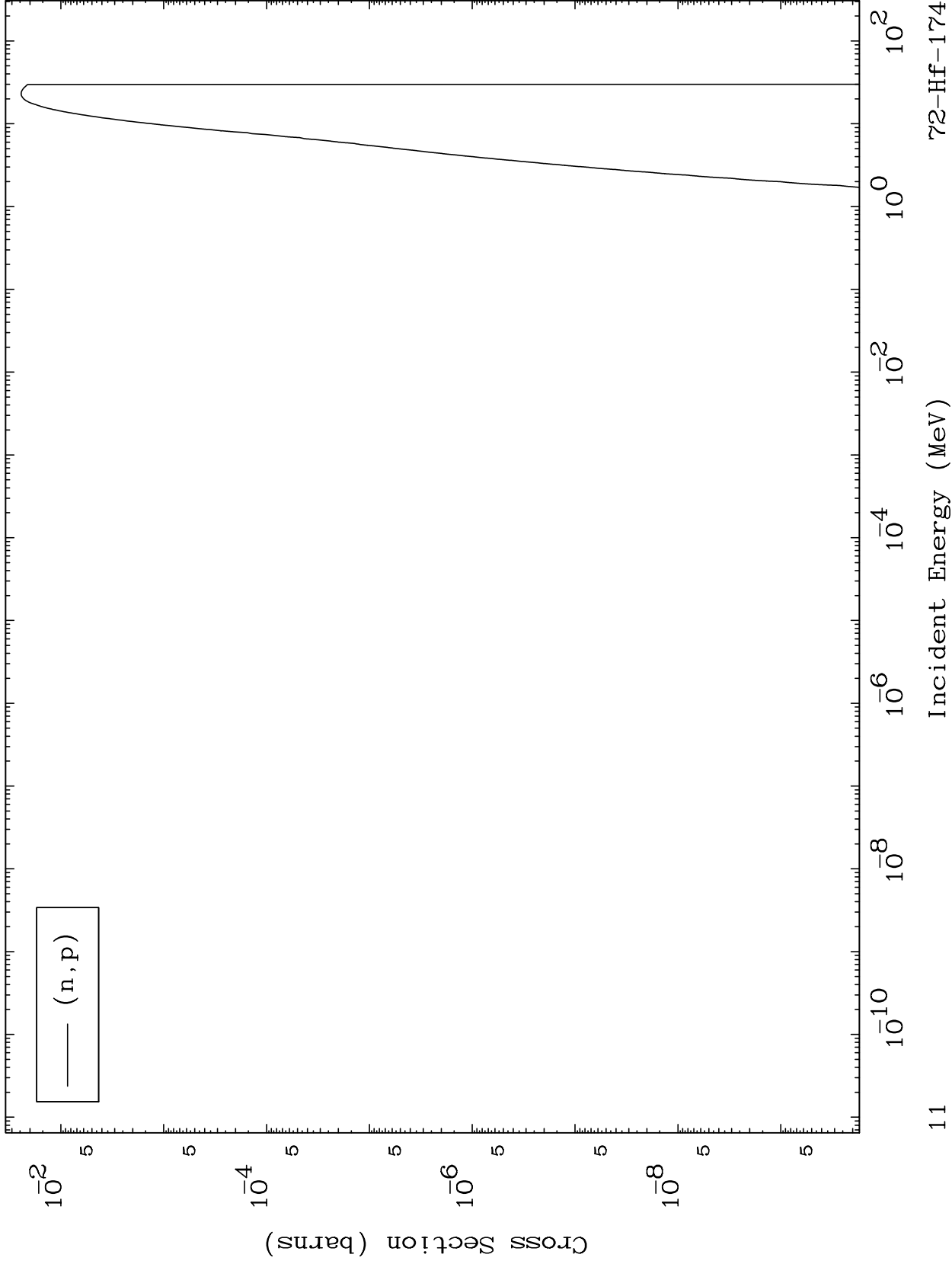


72-Hf-174

MAT 7225

(n,p) Levels
293 Kelvin Cross Sections

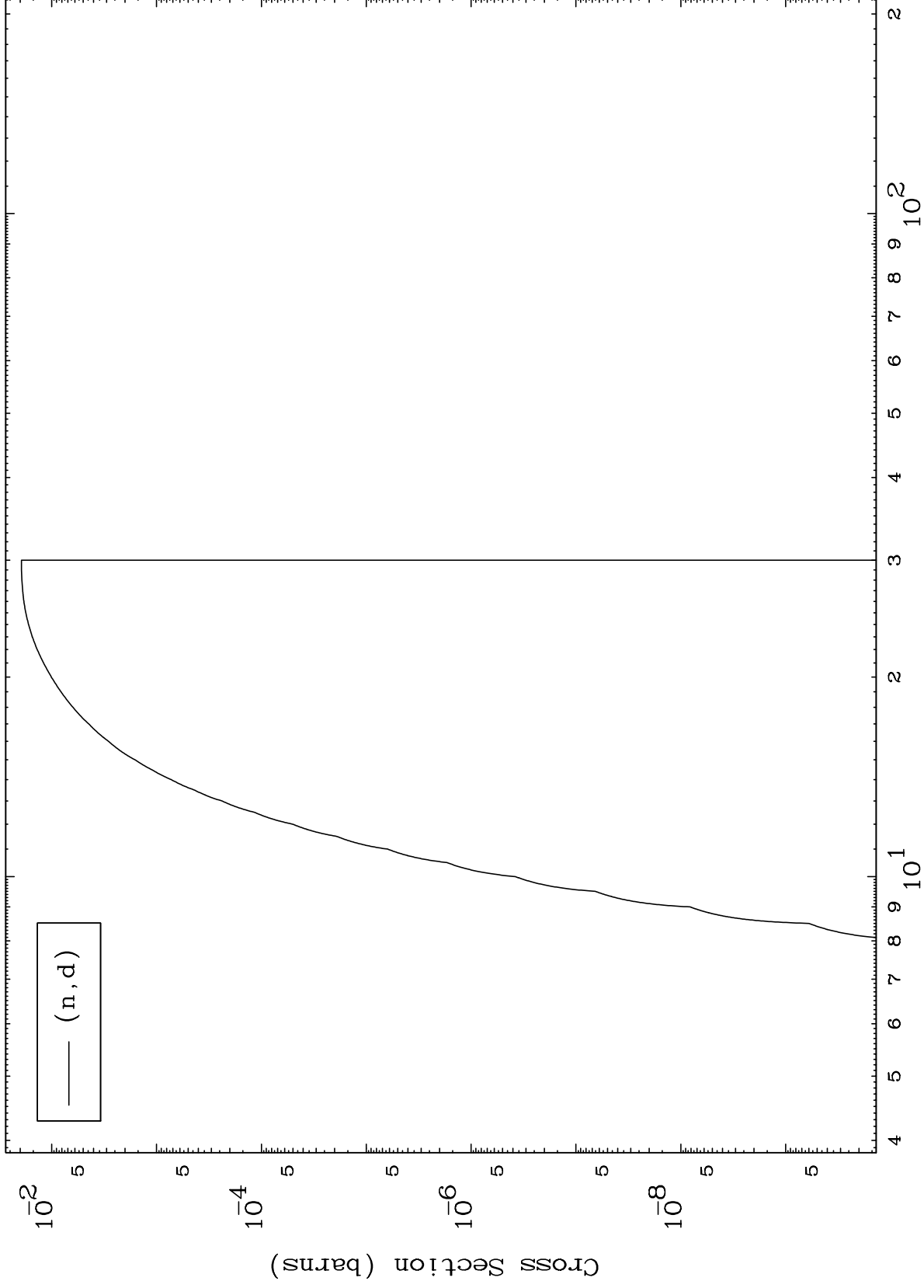
72-Hf-174



MAT 7225

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-174



12

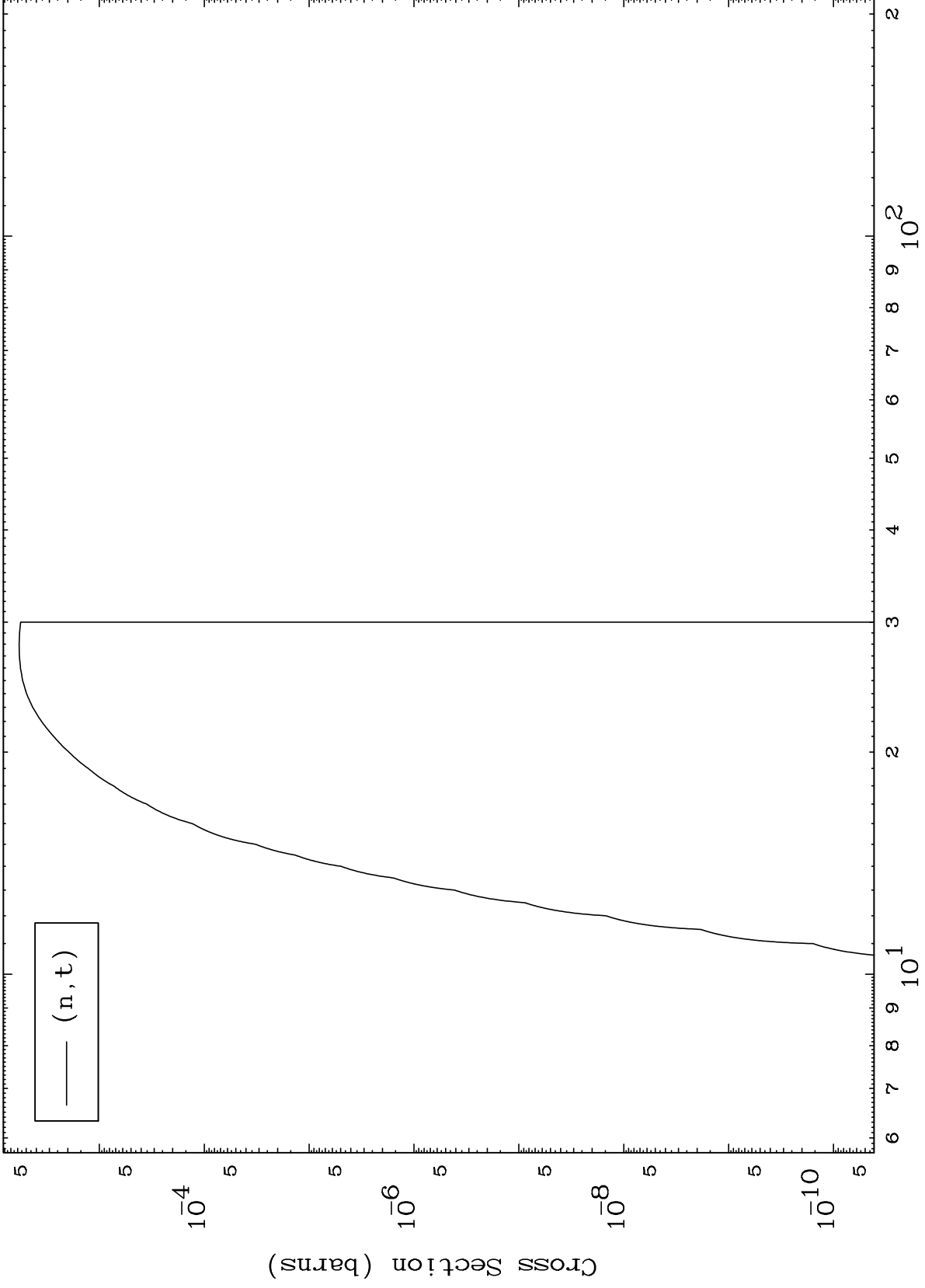
Incident Energy (MeV)

72-Hf-174

MAT 7225

(n,t) Levels
293 Kelvin Cross Sections

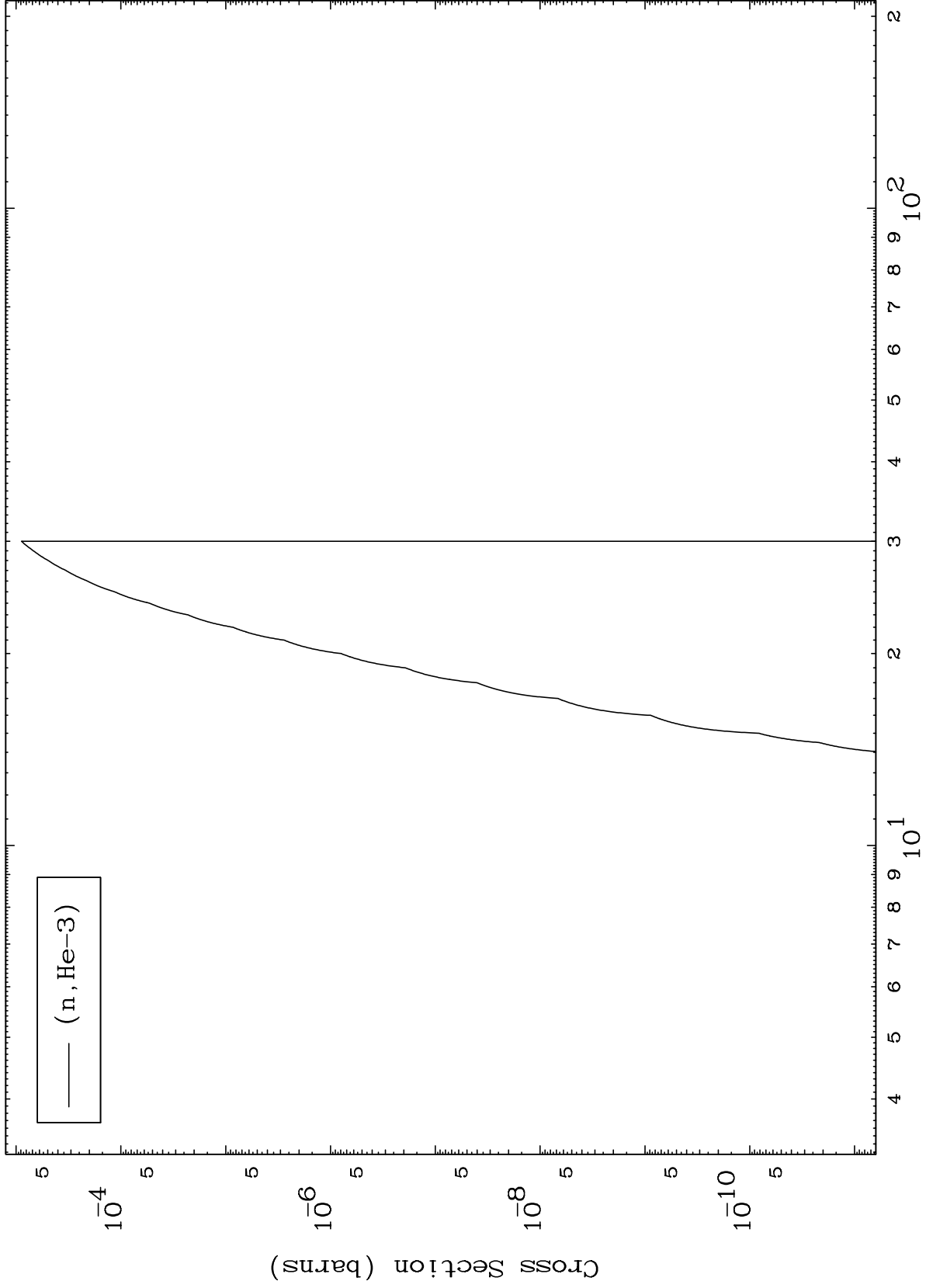
72-Hf-174



MAT 7225

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-174



14

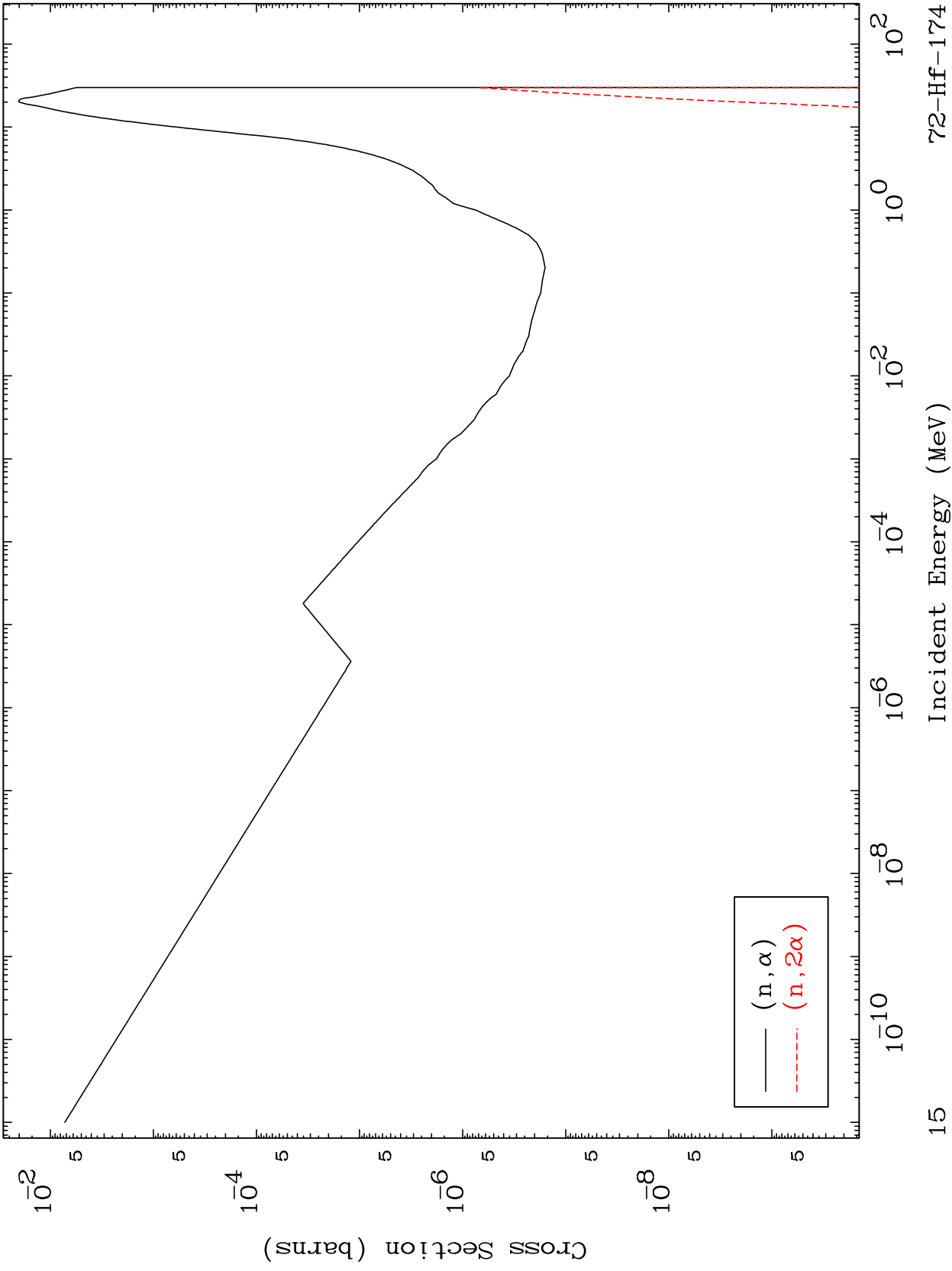
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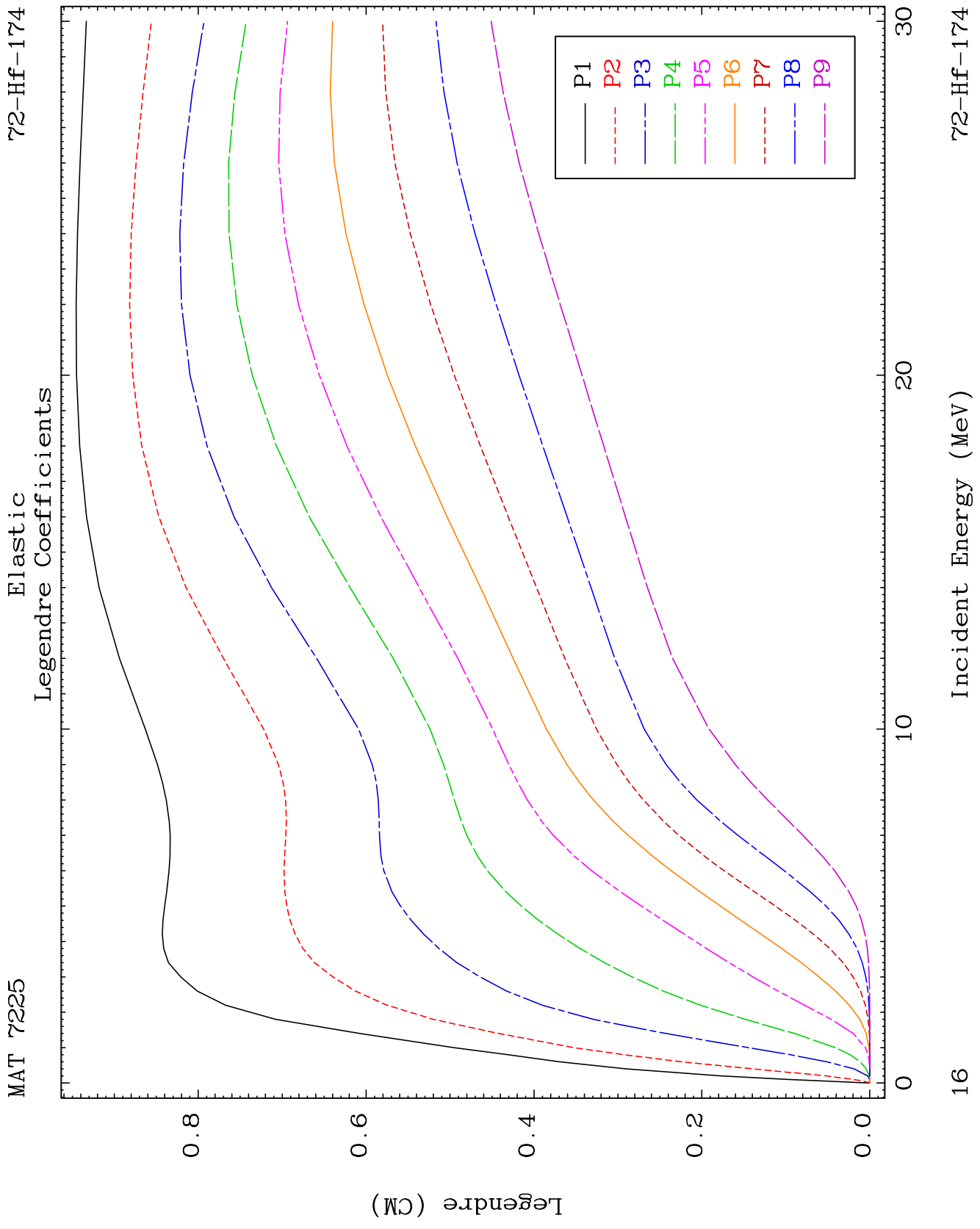
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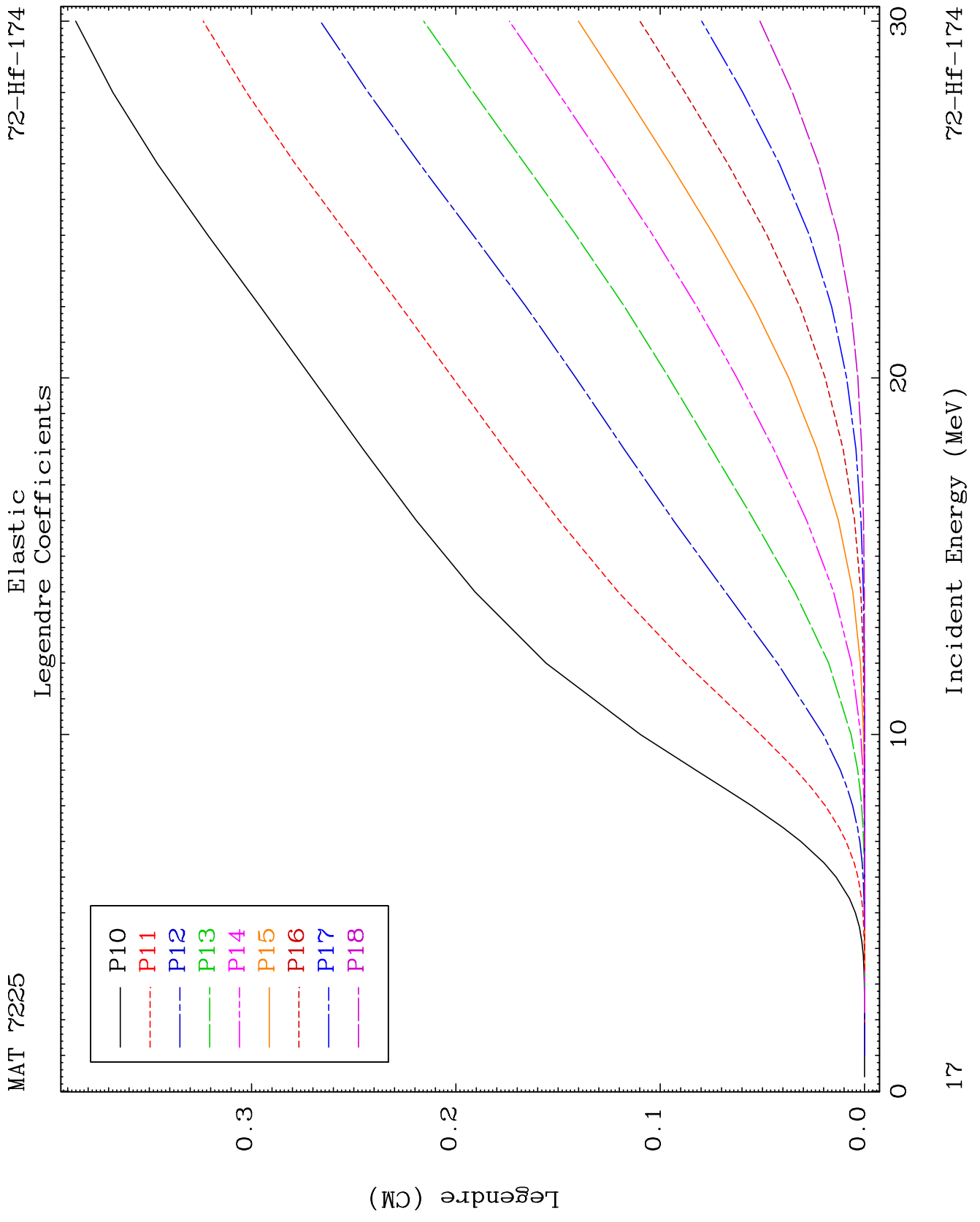
MAT 7225

(n,α) Levels
293 Kelvin Cross Sections

72-Hf-174



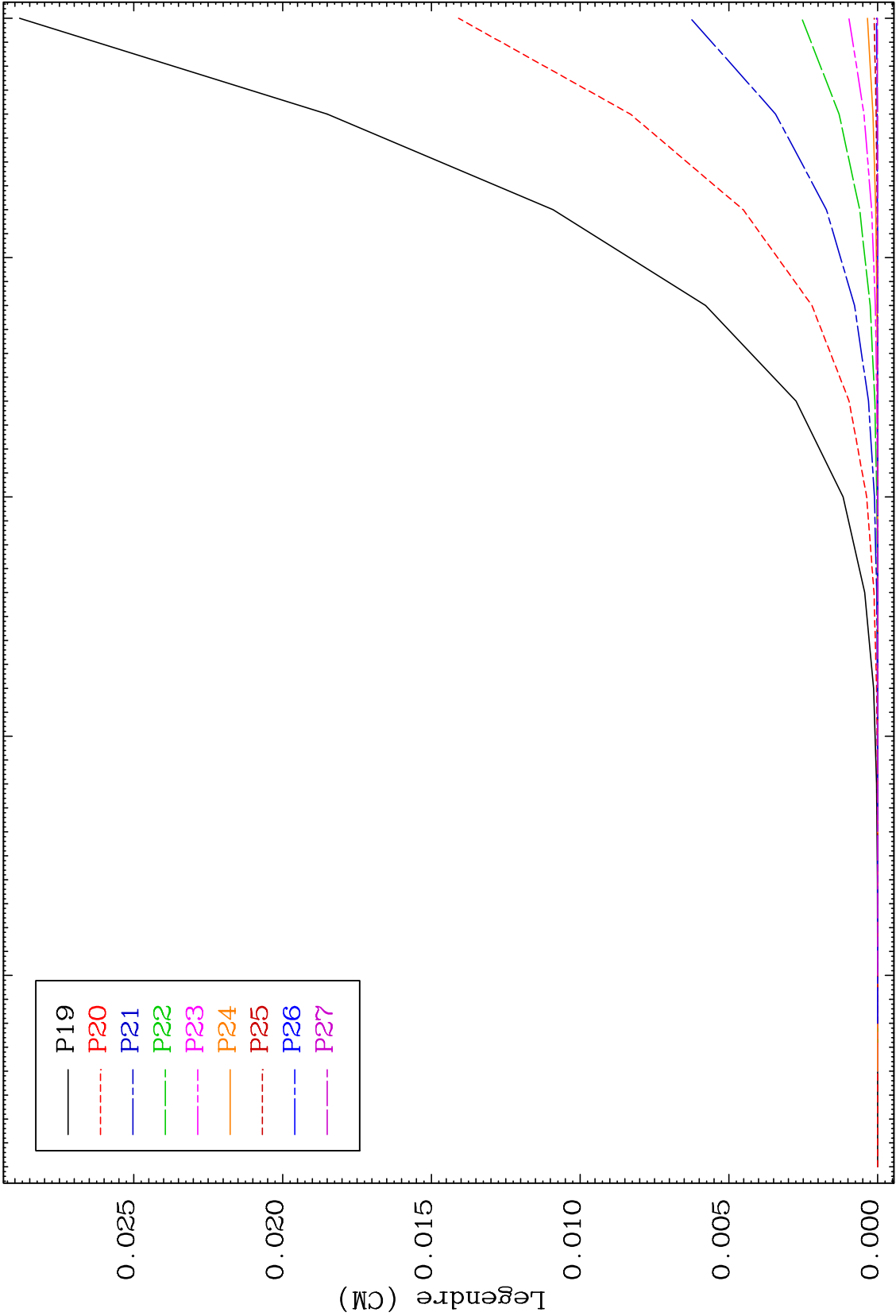




MAT 7225

Elastic Legendre Coefficients

72-Hf-174



18

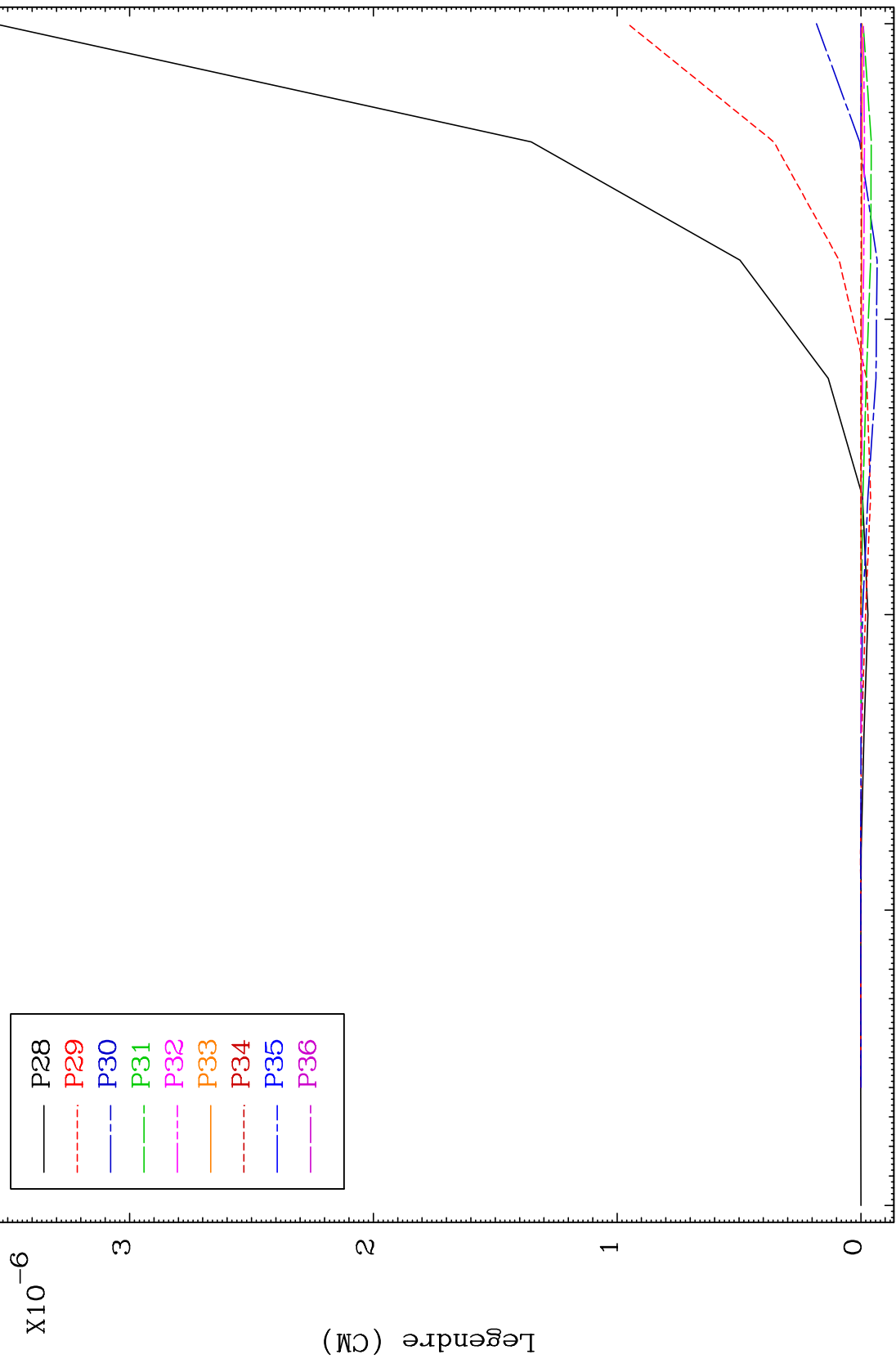
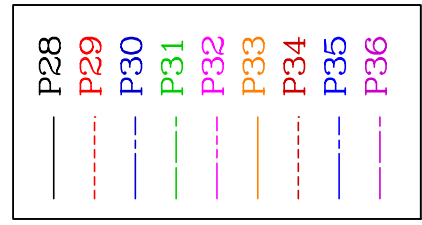
Incident Energy (MeV)

72-Hf-174

MAT 7225

Elastic Legendre Coefficients

72-Hf-174



72-Hf-174

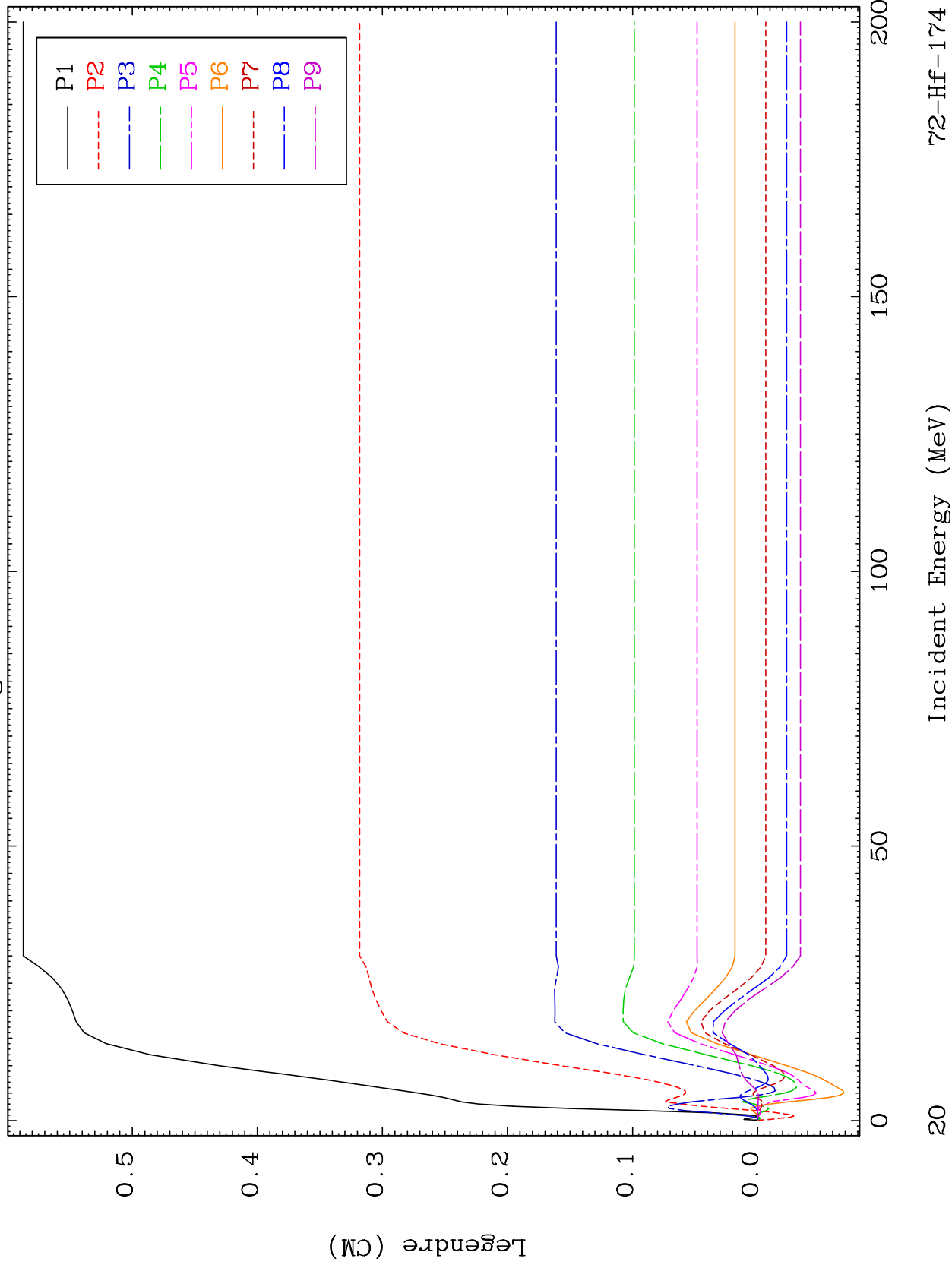
Incident Energy (MeV)

19

MAT 7225

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

72-Hf-174



72-Hf-174

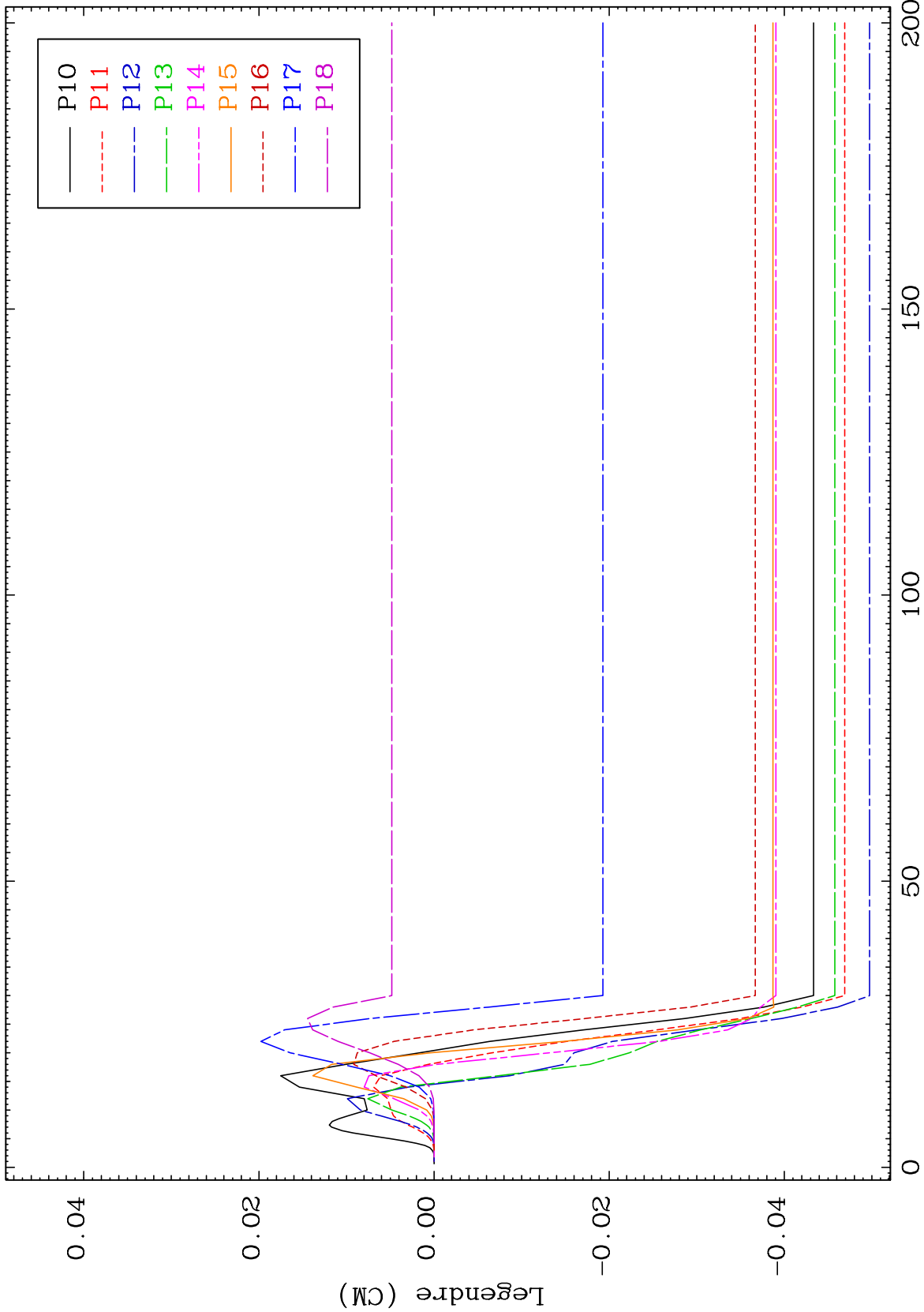
Incident Energy (MeV)

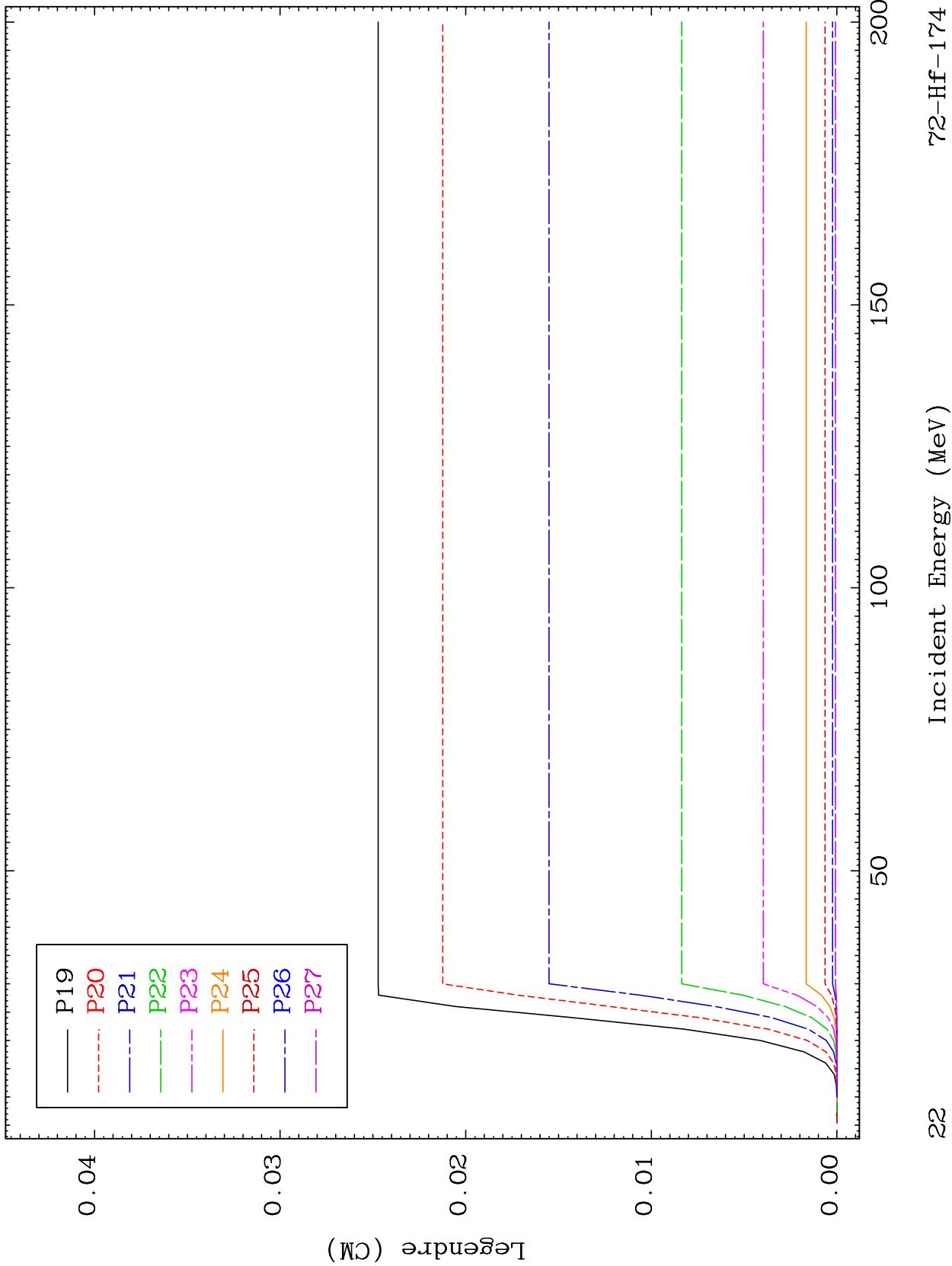
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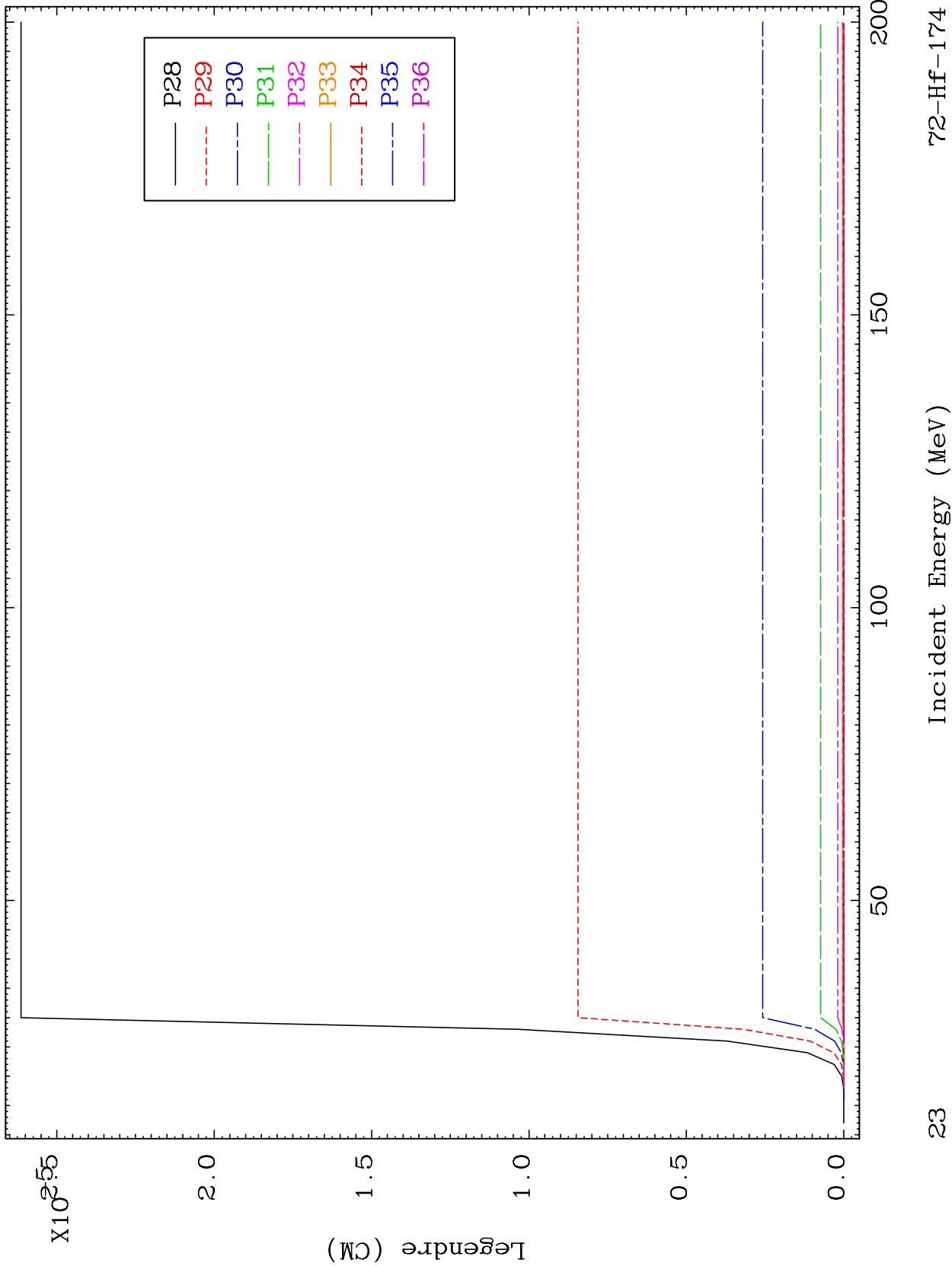
MAT 7225

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

72-Hf-174



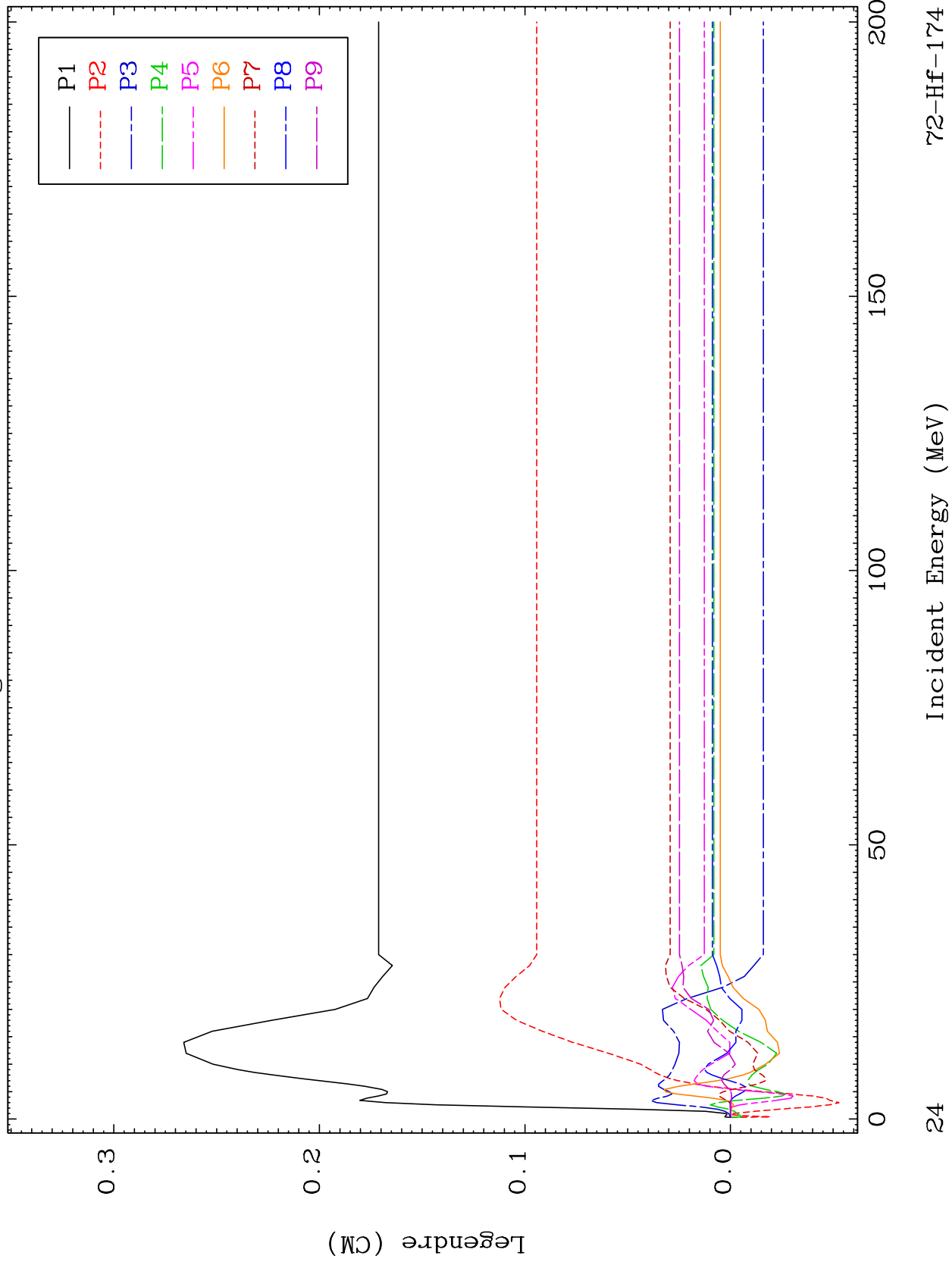




MAT 7225

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

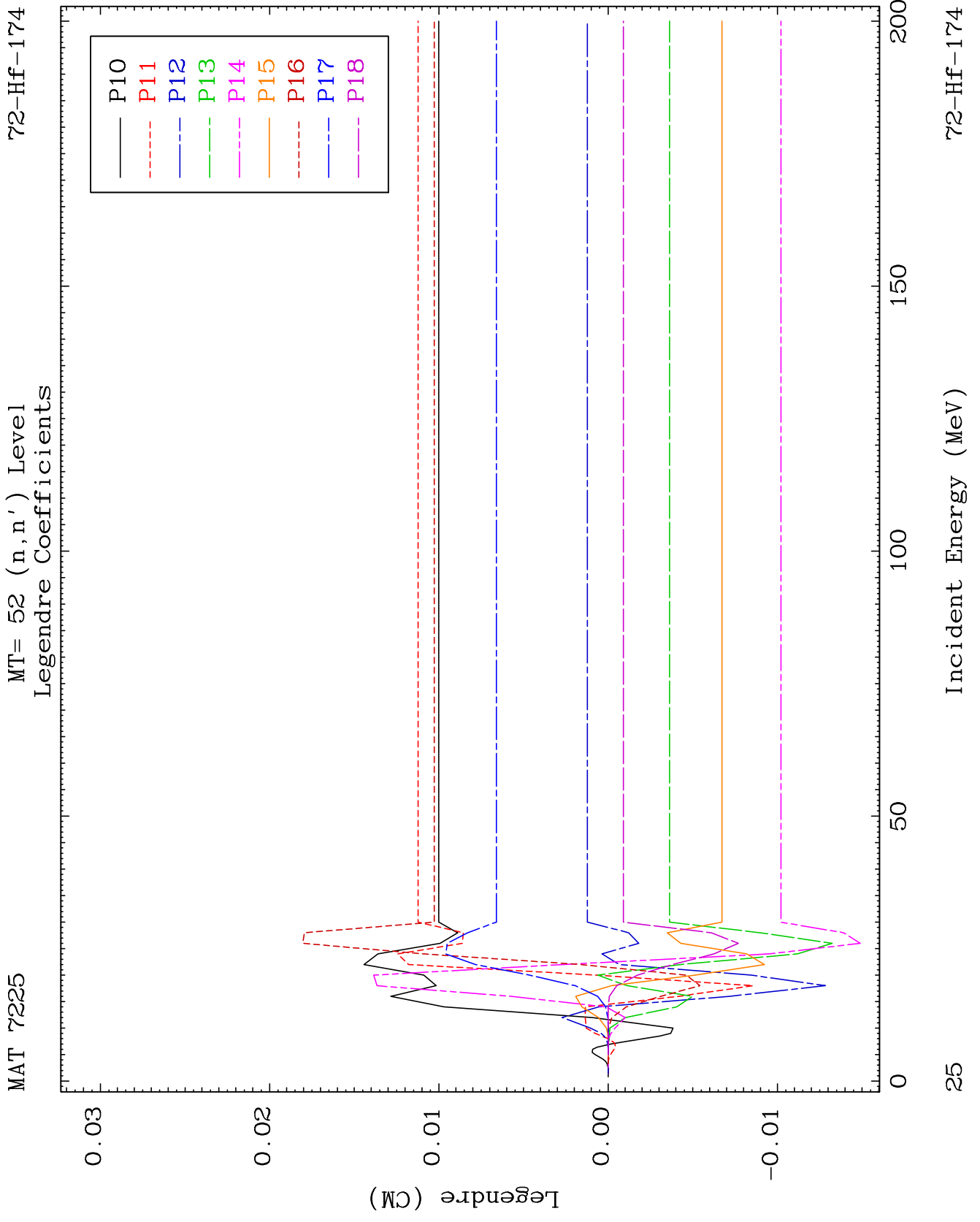
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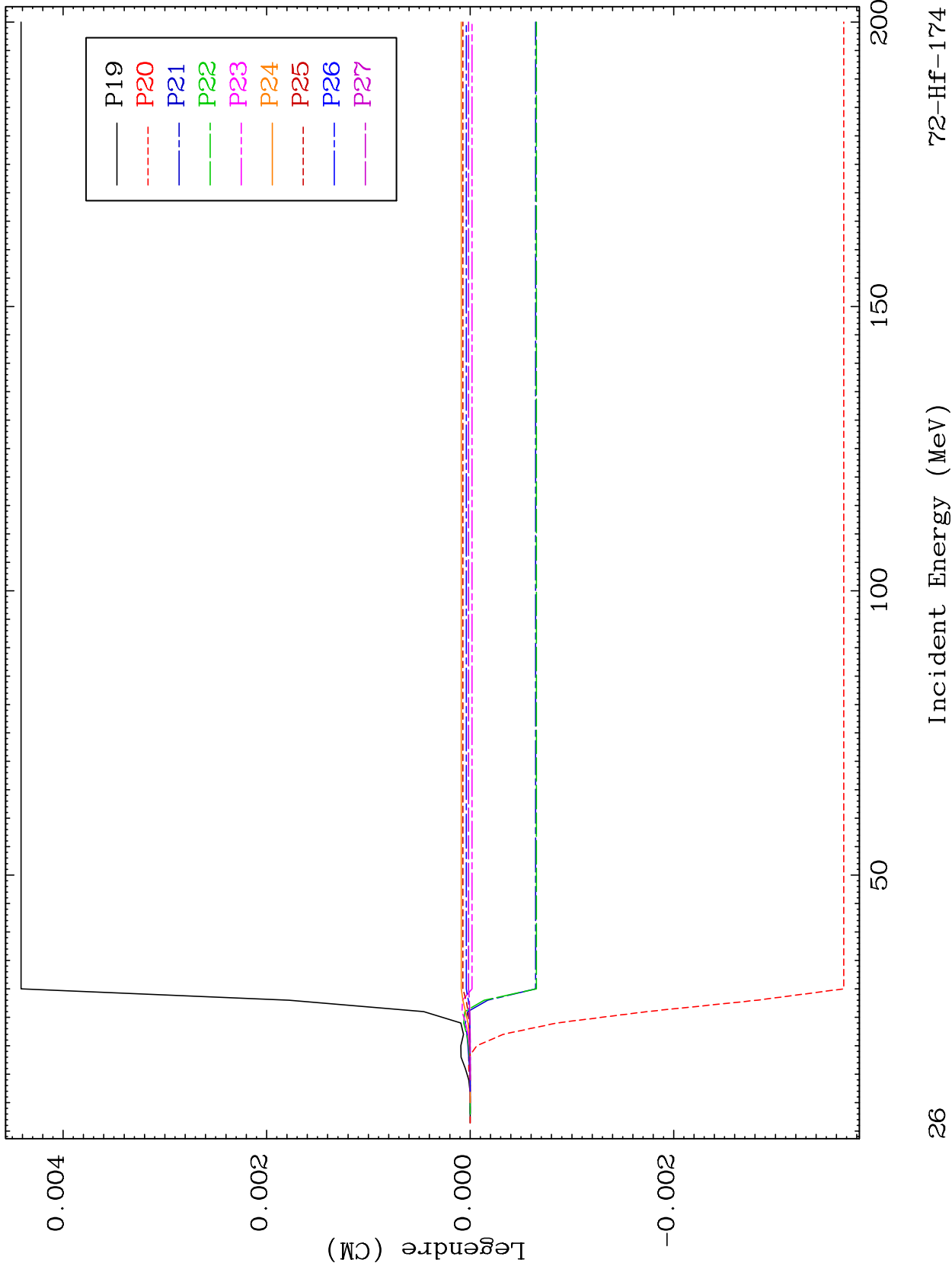


72-Hf-174

Incident Energy (MeV)

24

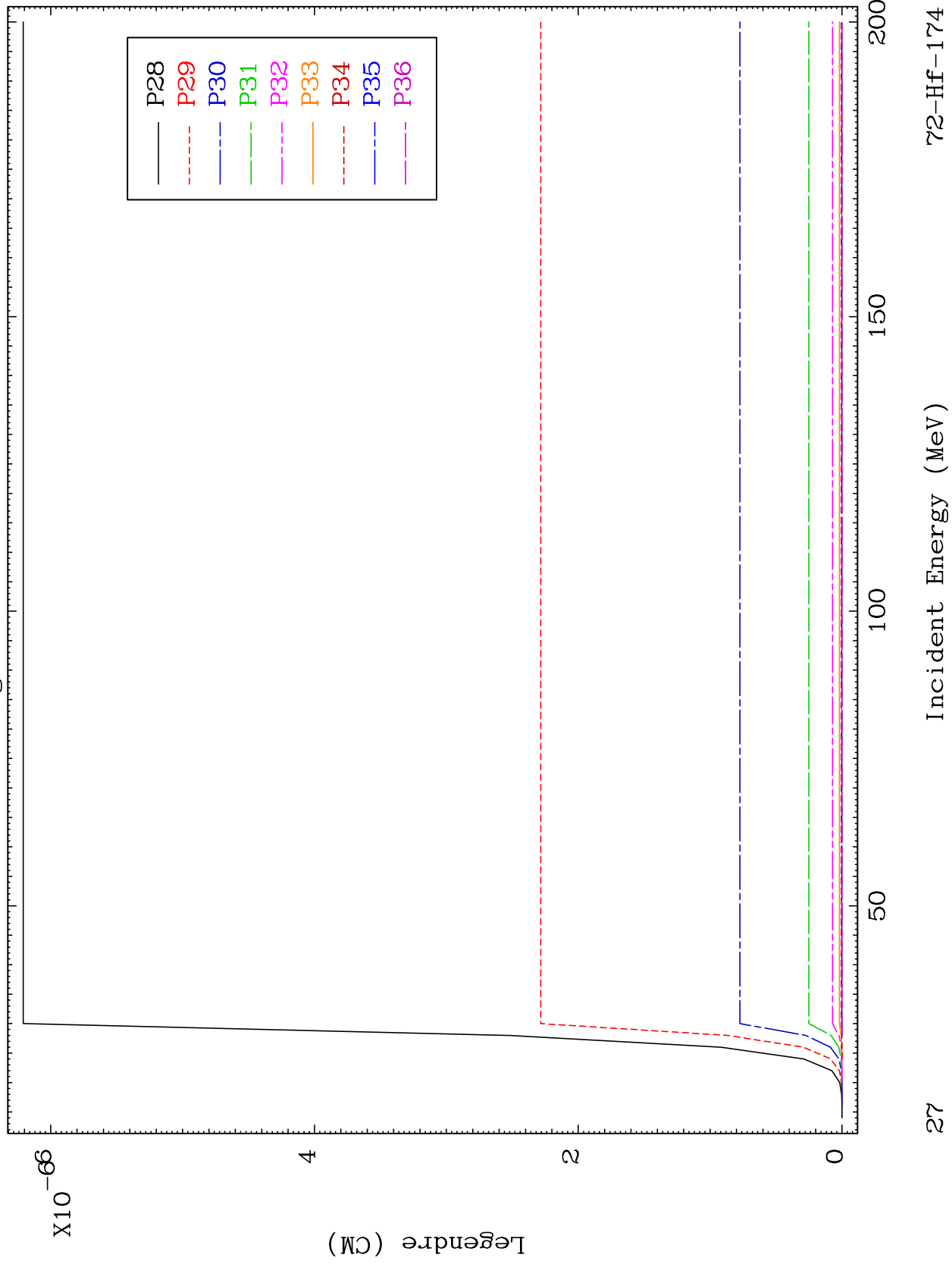




MAT 7225

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

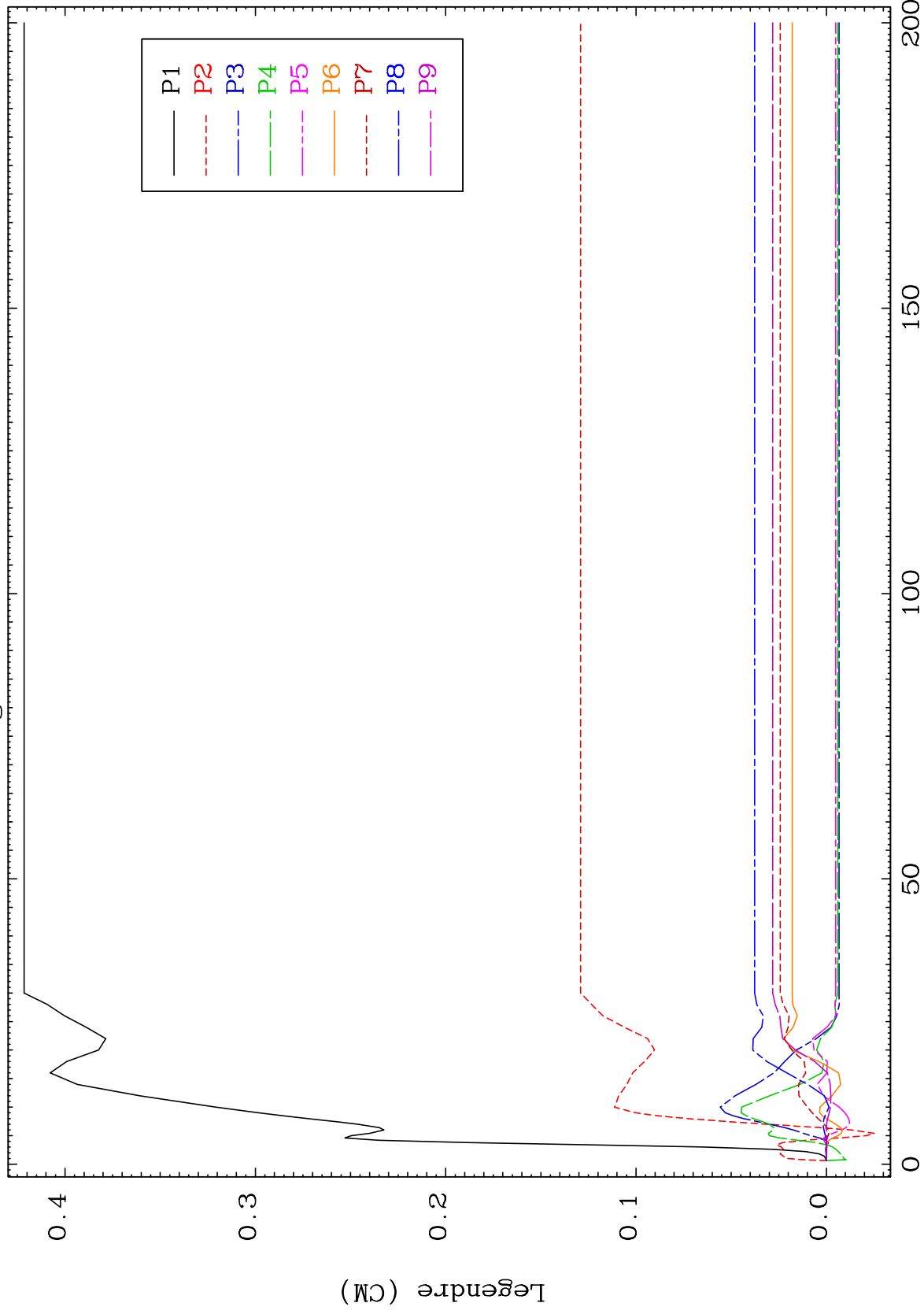
72-Hf-174



MAT 7225

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

72-Hf-174



28

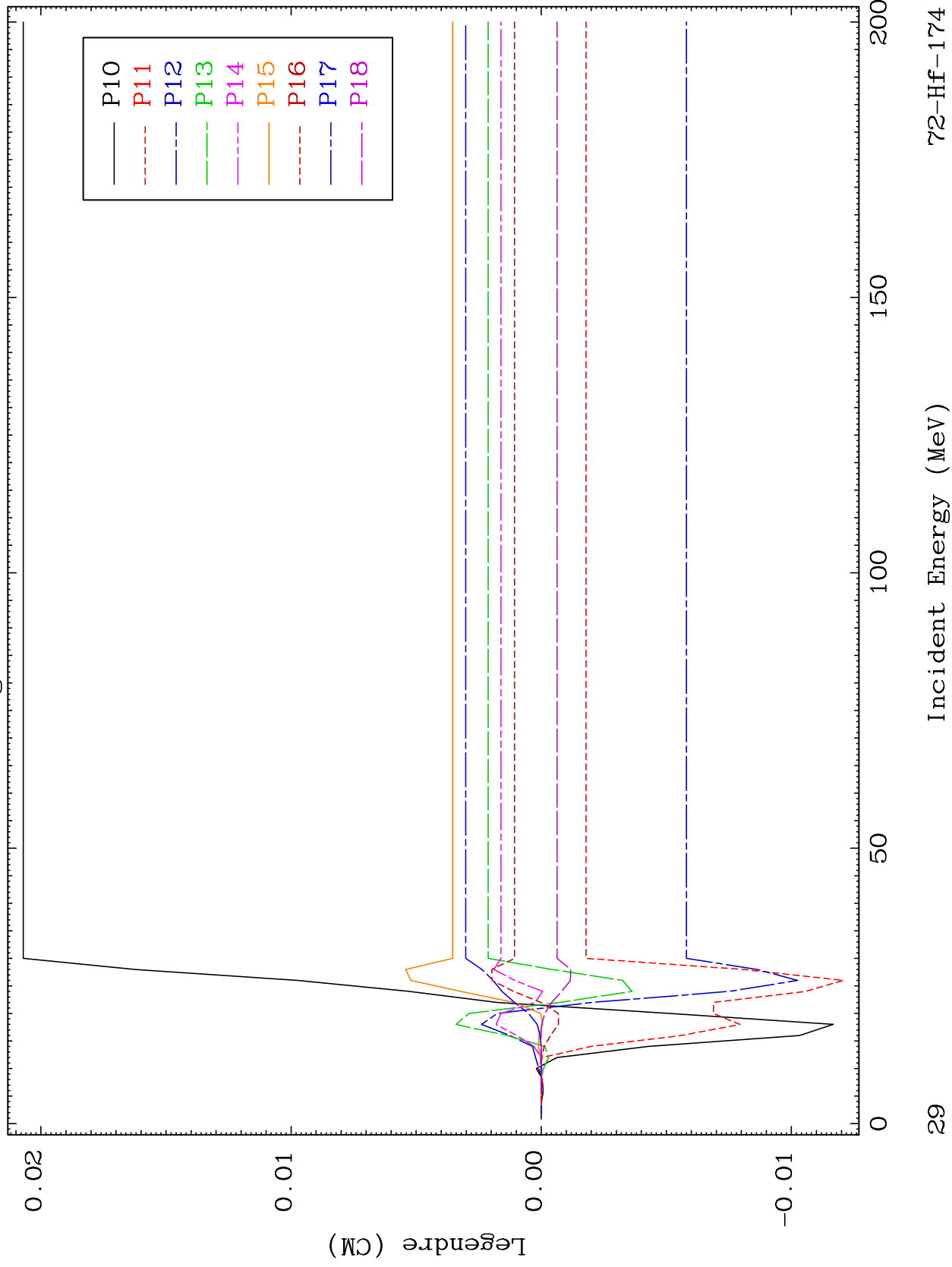
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174



72-Hf-174

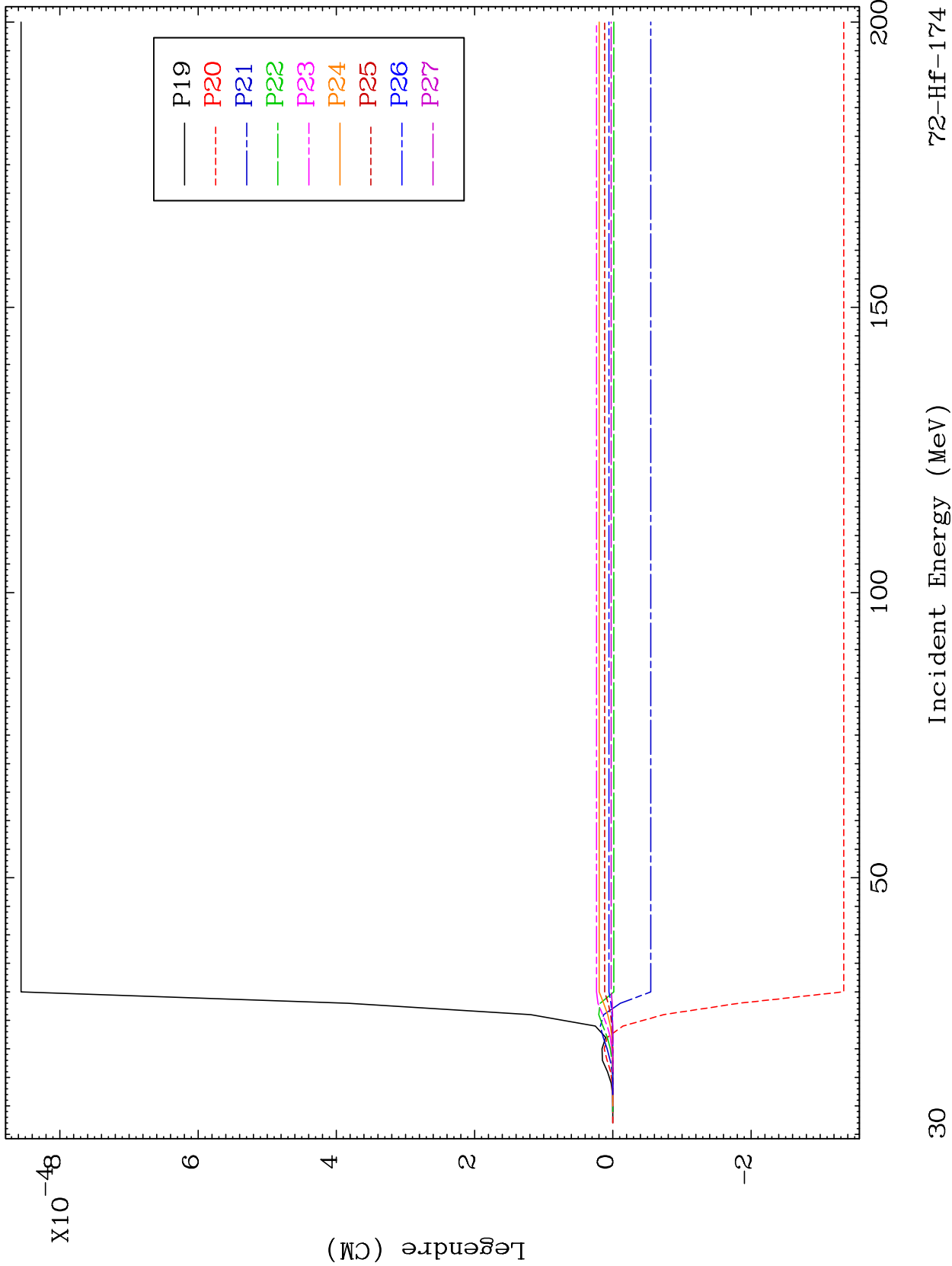
Incident Energy (MeV)

29

MAT 7225

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

72-Hf-174



30

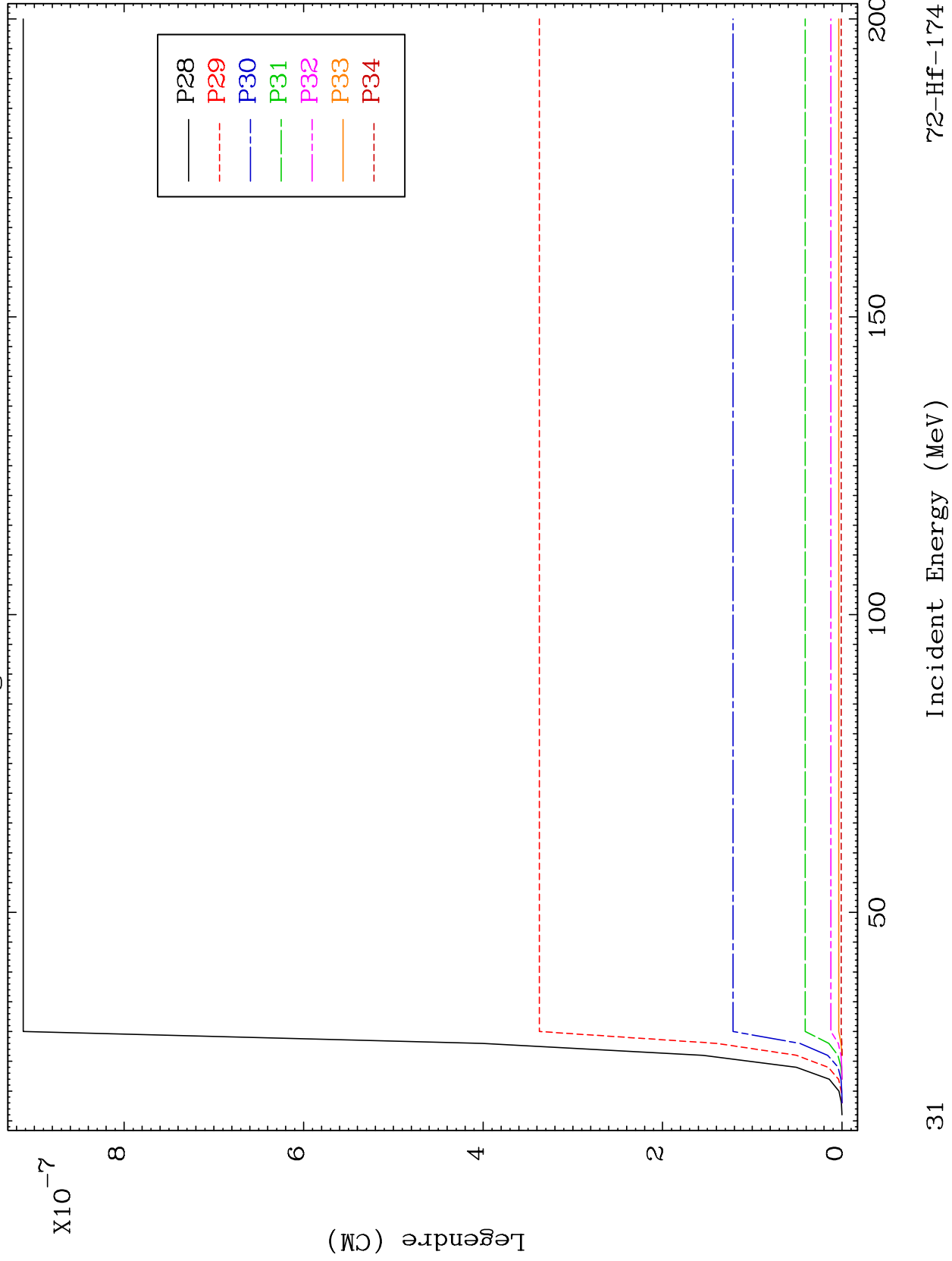
Incident Energy (MeV)

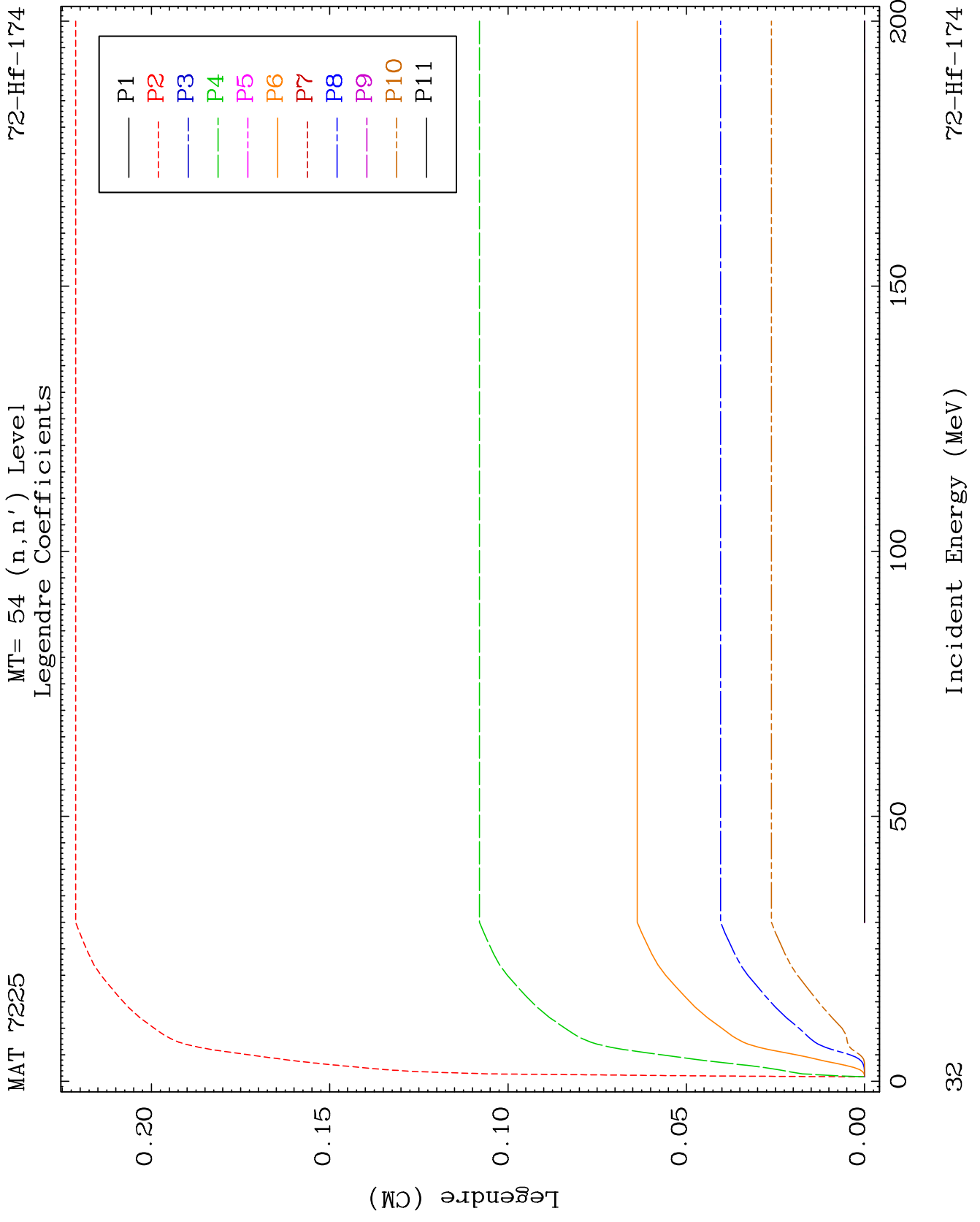
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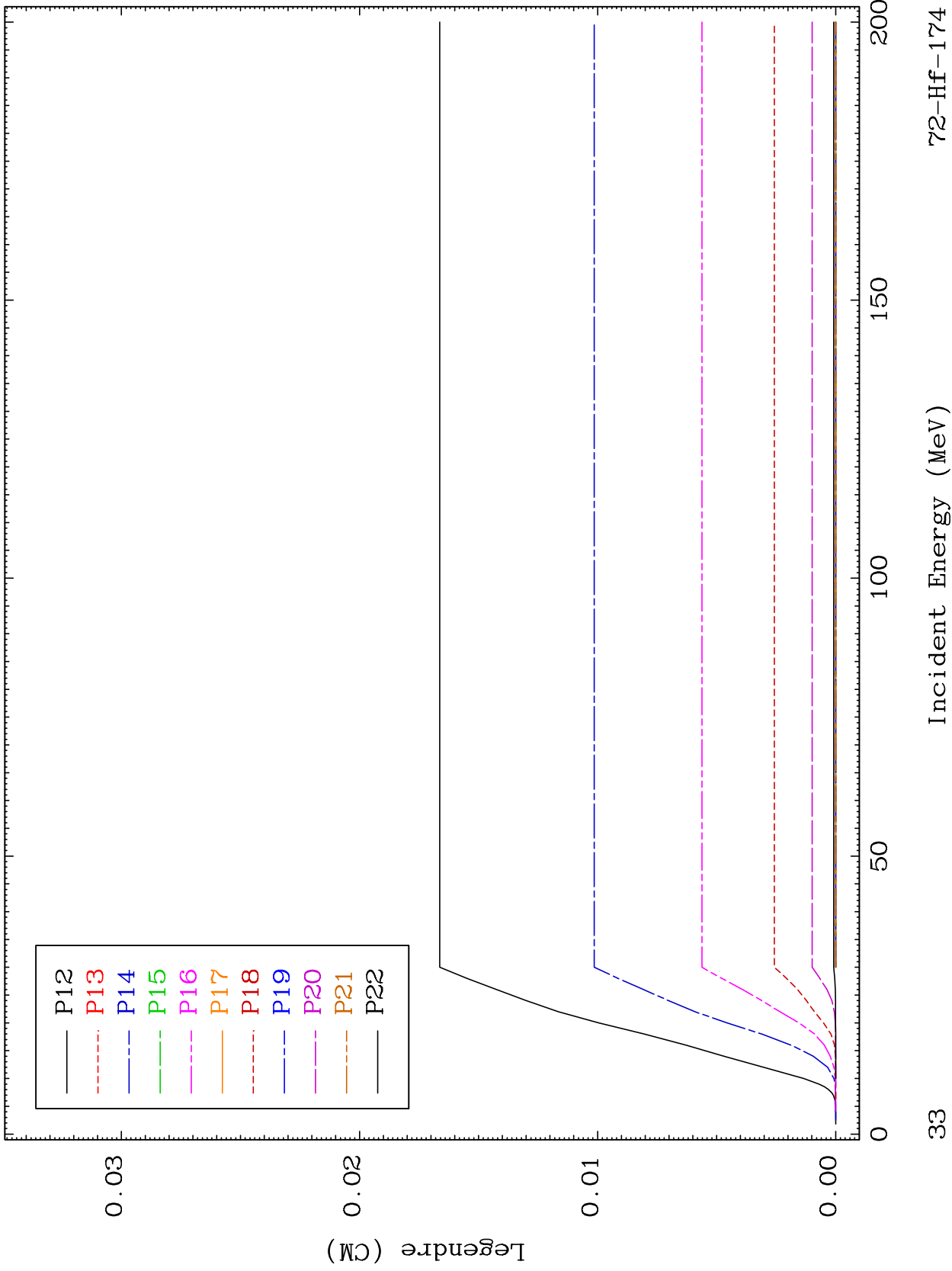
MAT 7225

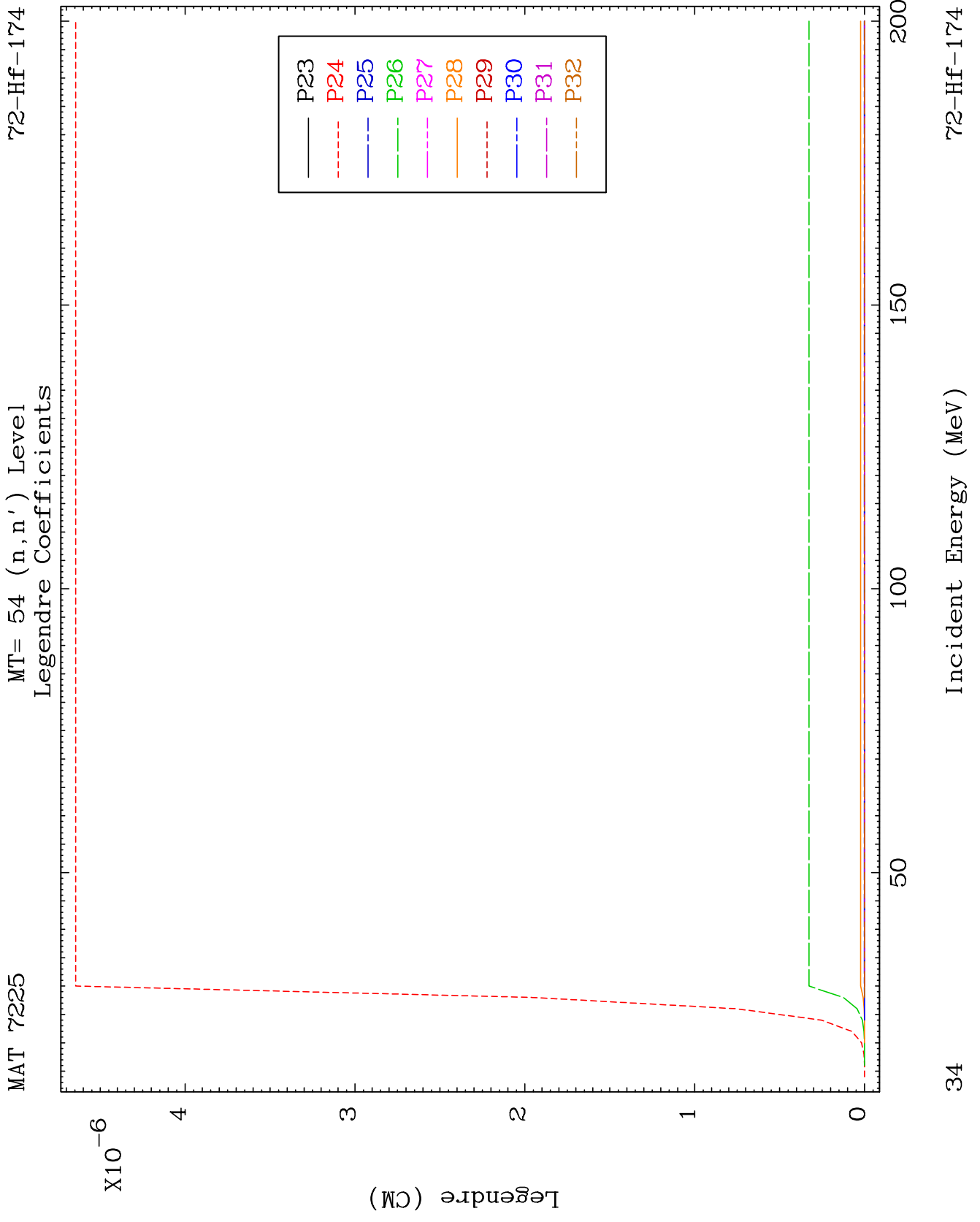
MT= 53 (n,n') Level
Legendre Coefficients

72-Hf-174





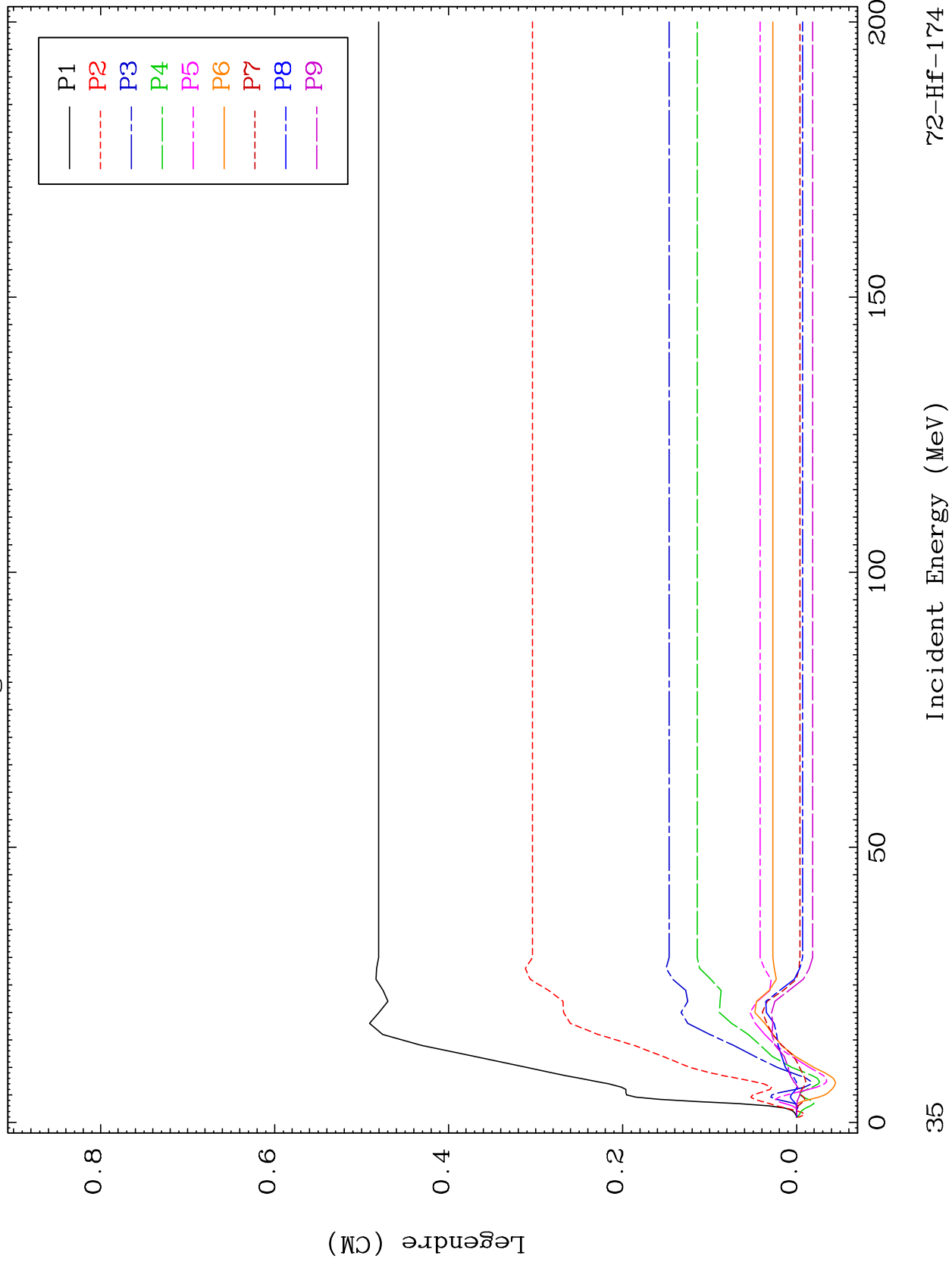




MAT 7225

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

72-Hf-174



72-Hf-174

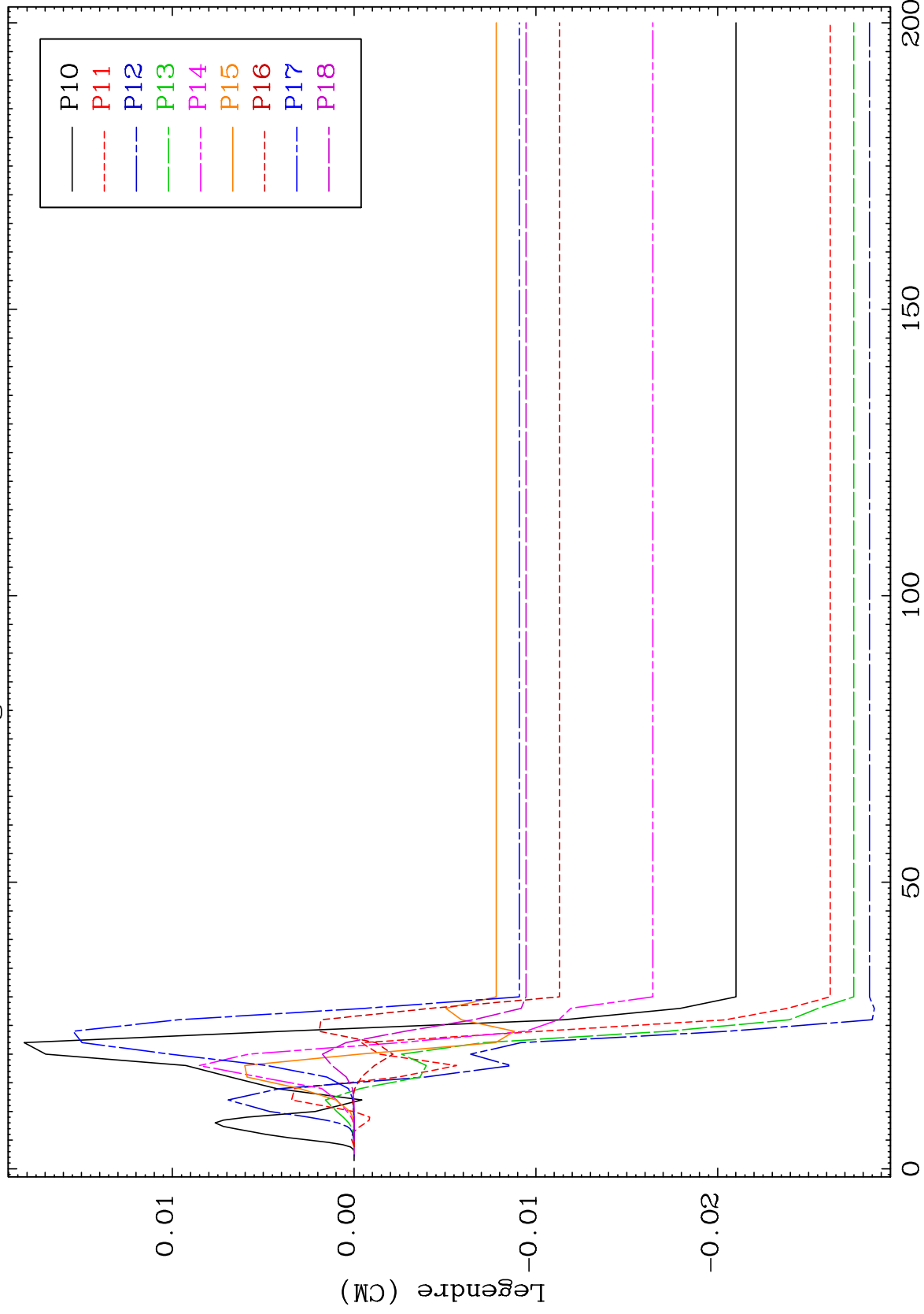
Incident Energy (MeV)

35

MAT 7225

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

72-Hf-174



36

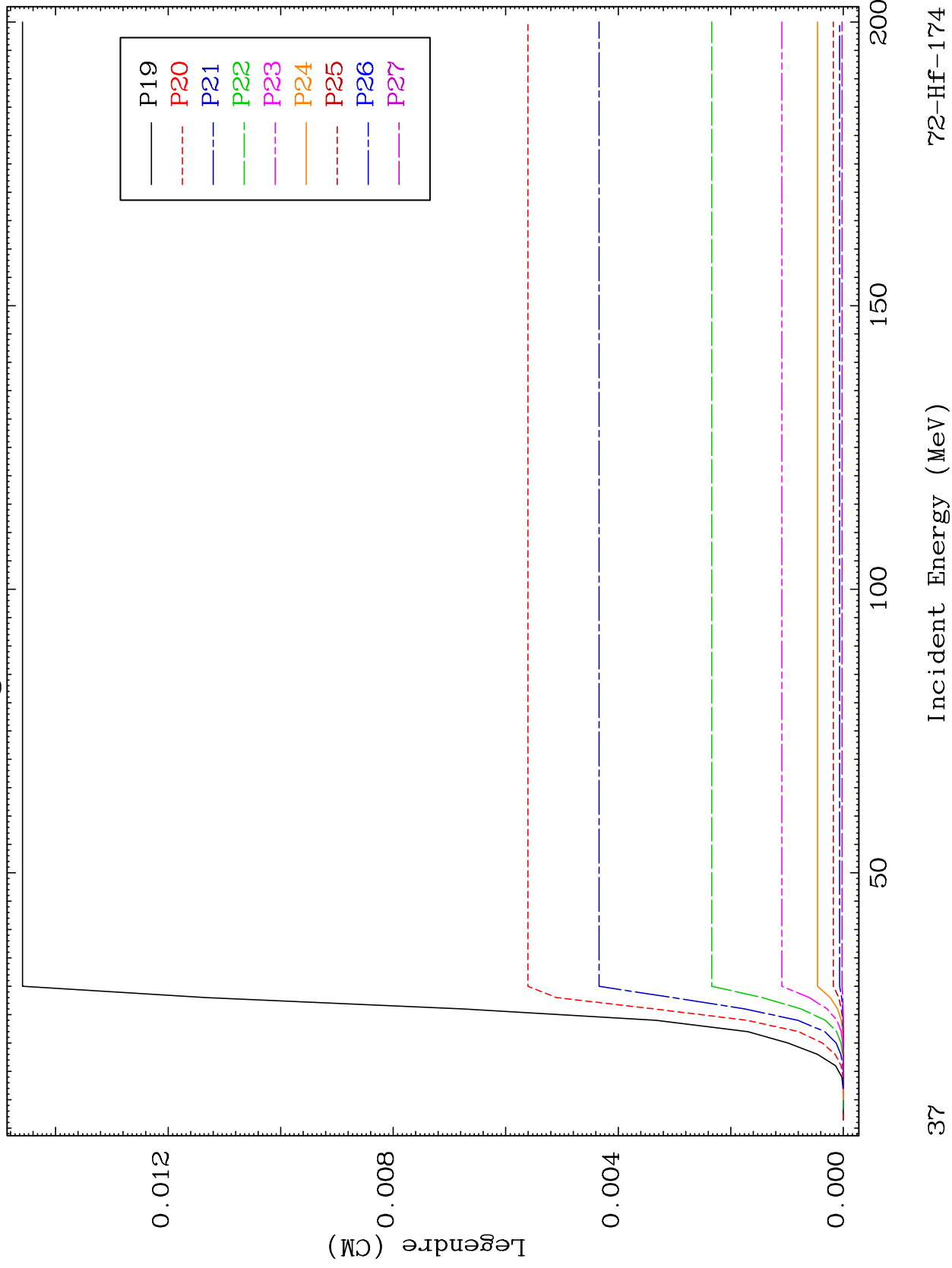
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174



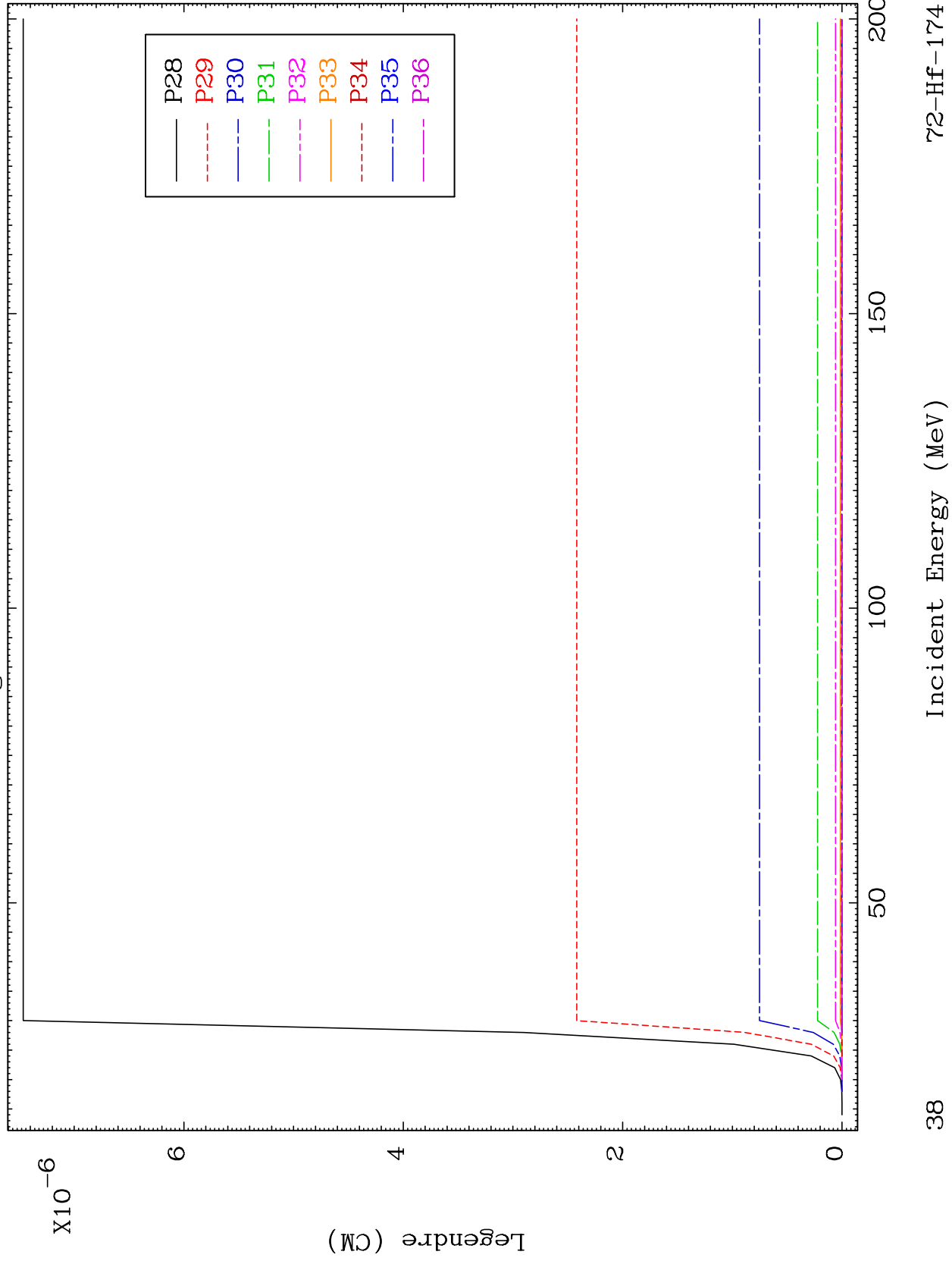
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72-Hf-174

MAT 7225

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

72-Hf-174

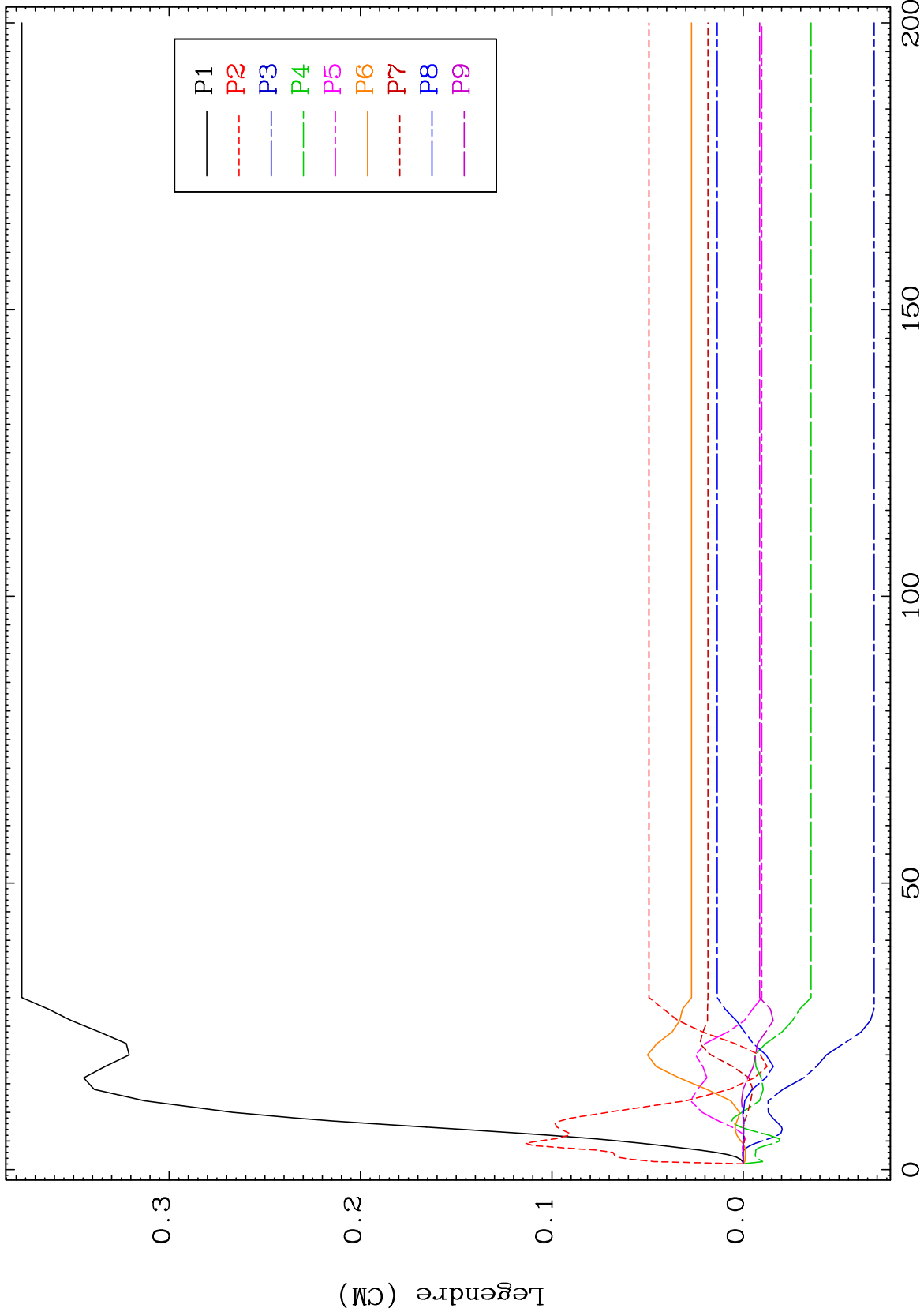


38

MAT 7225

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

72-Hf-174



39

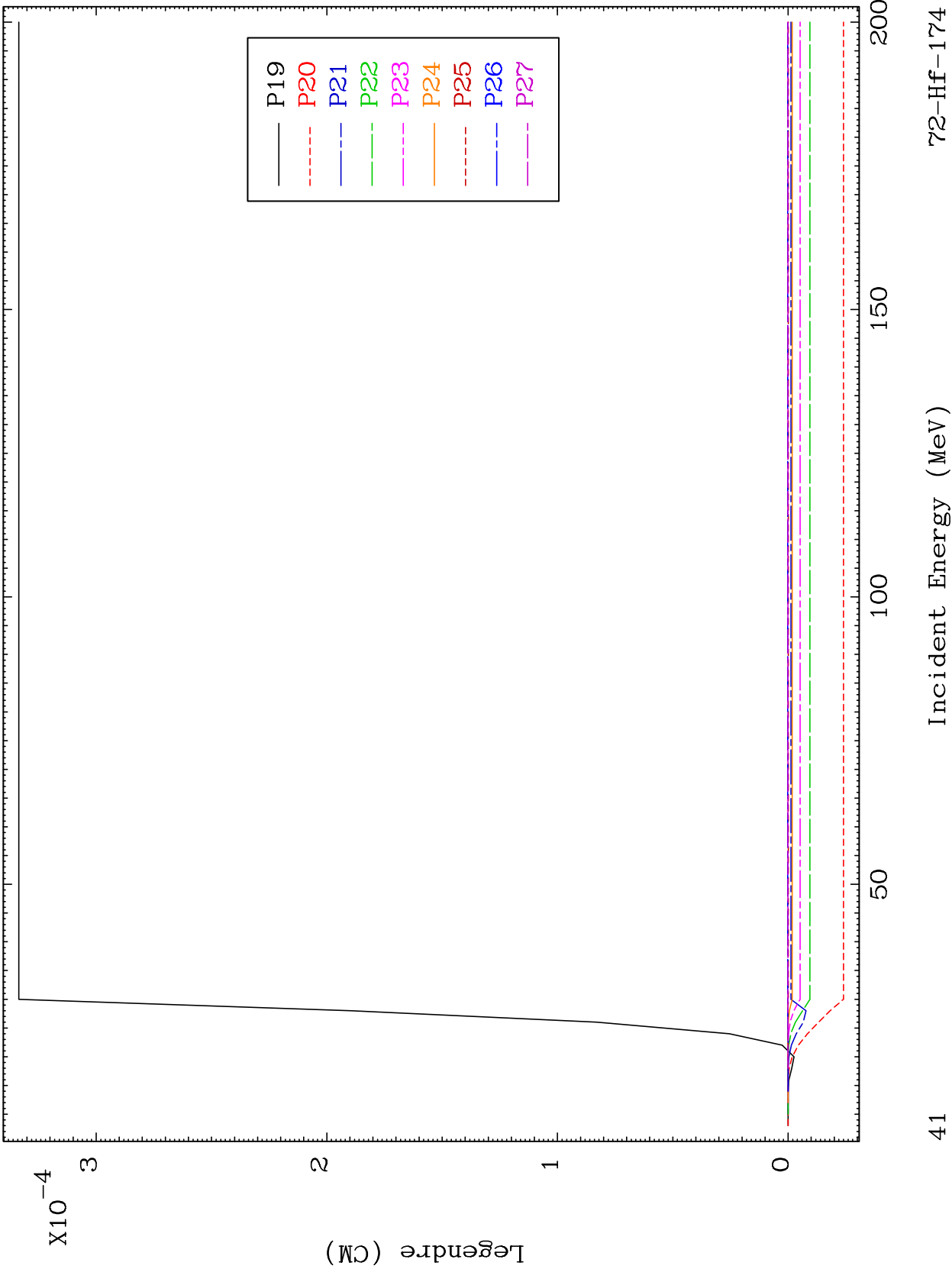
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174



41

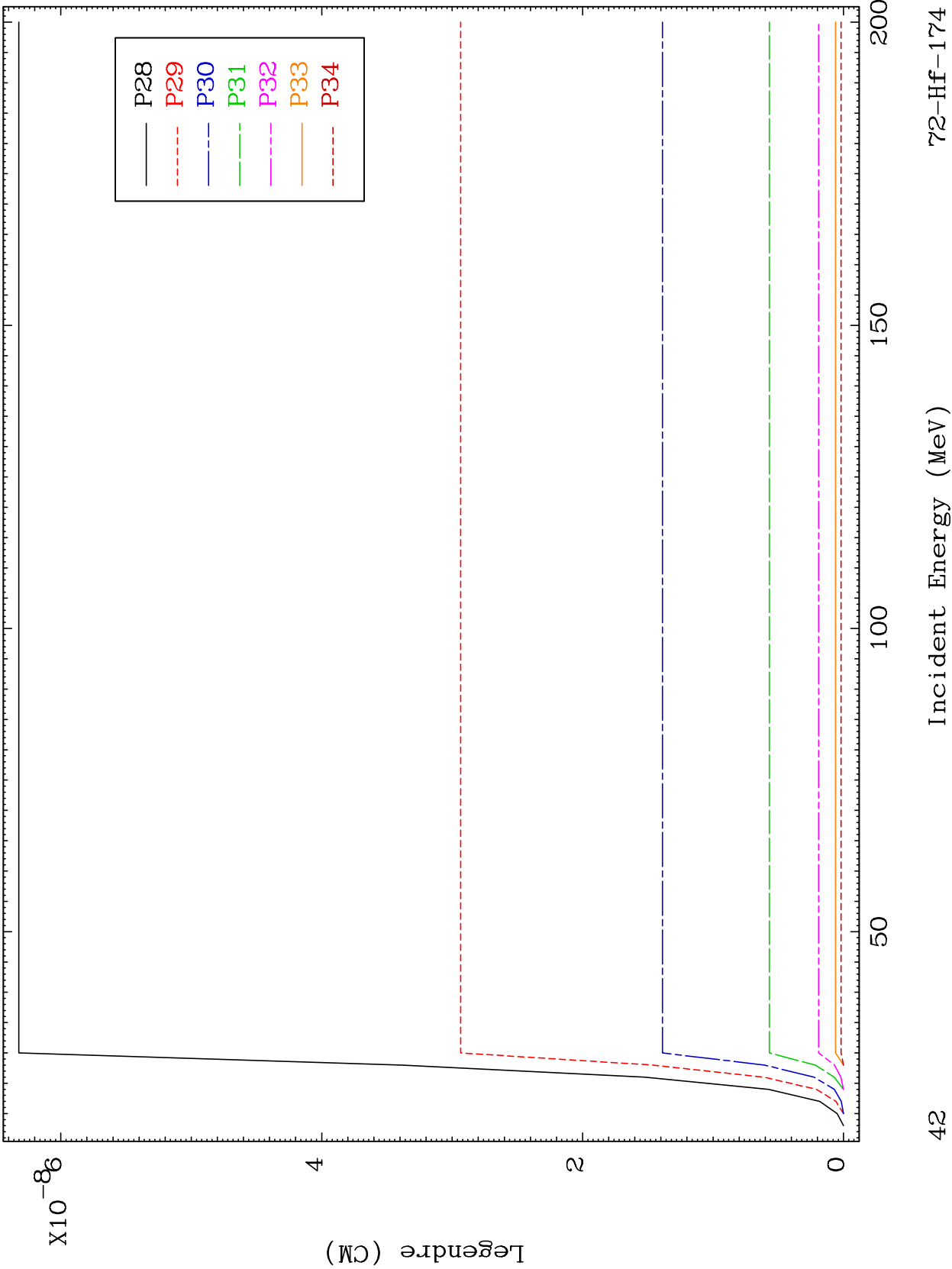
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174



42

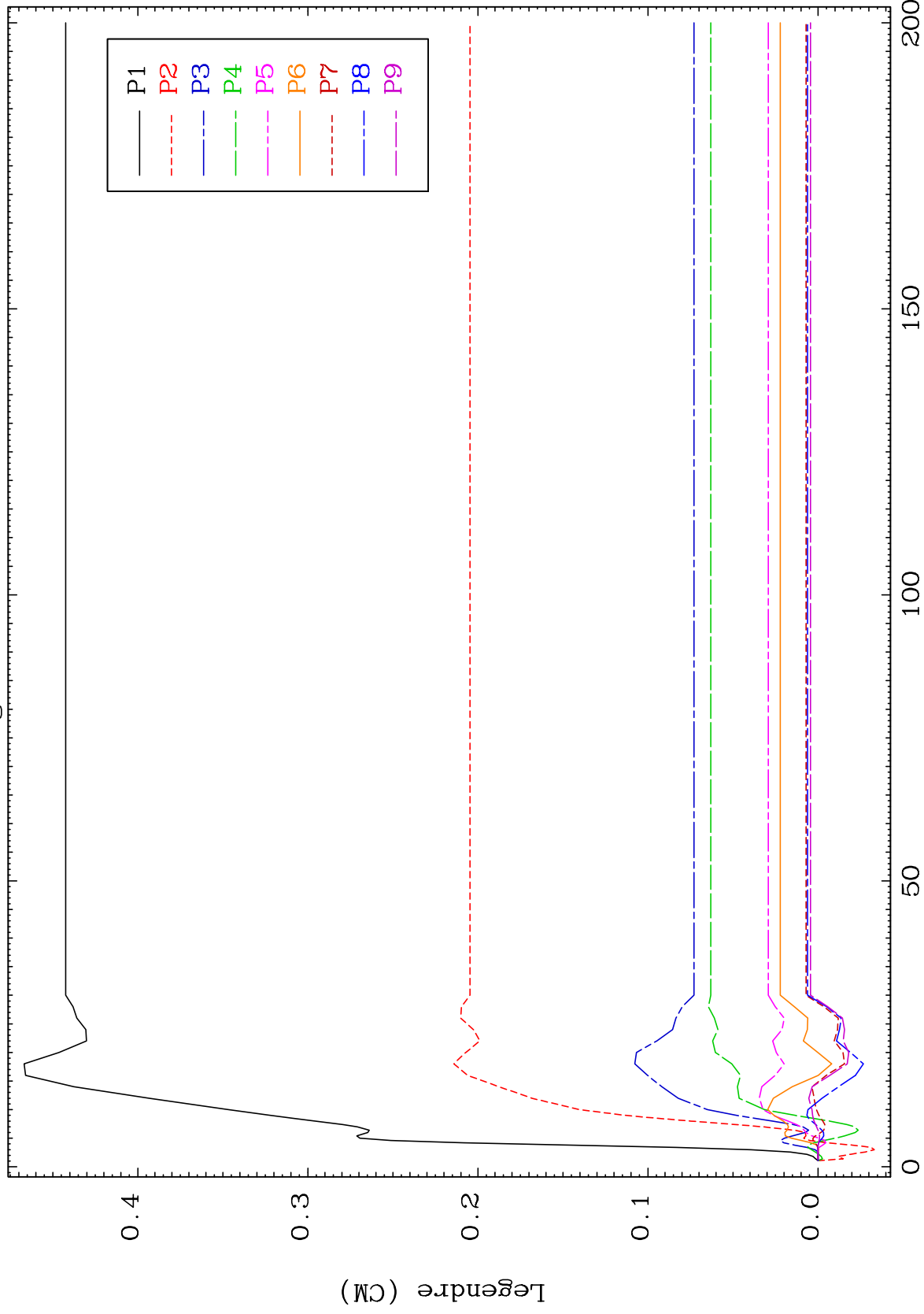
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174



43

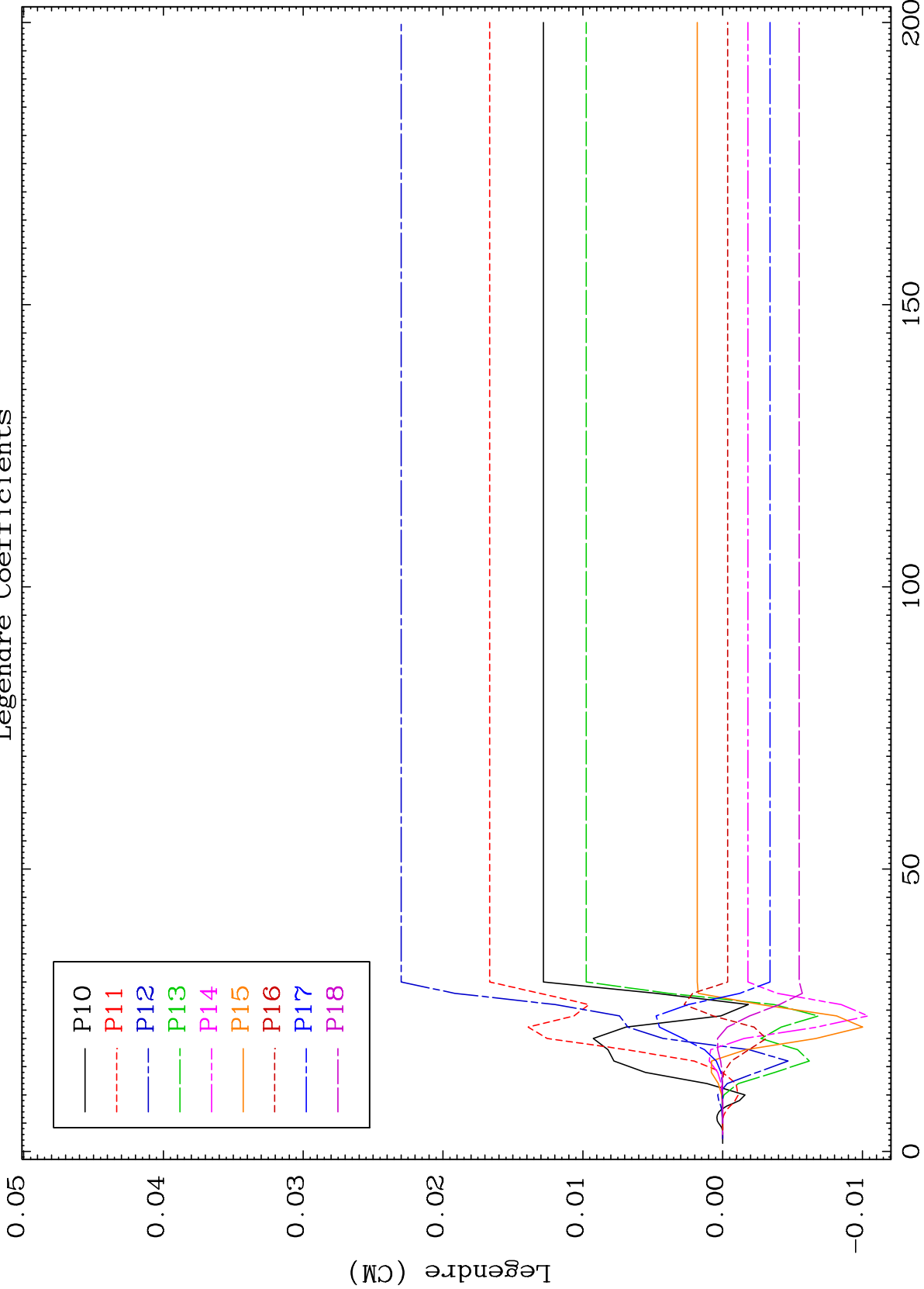
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174



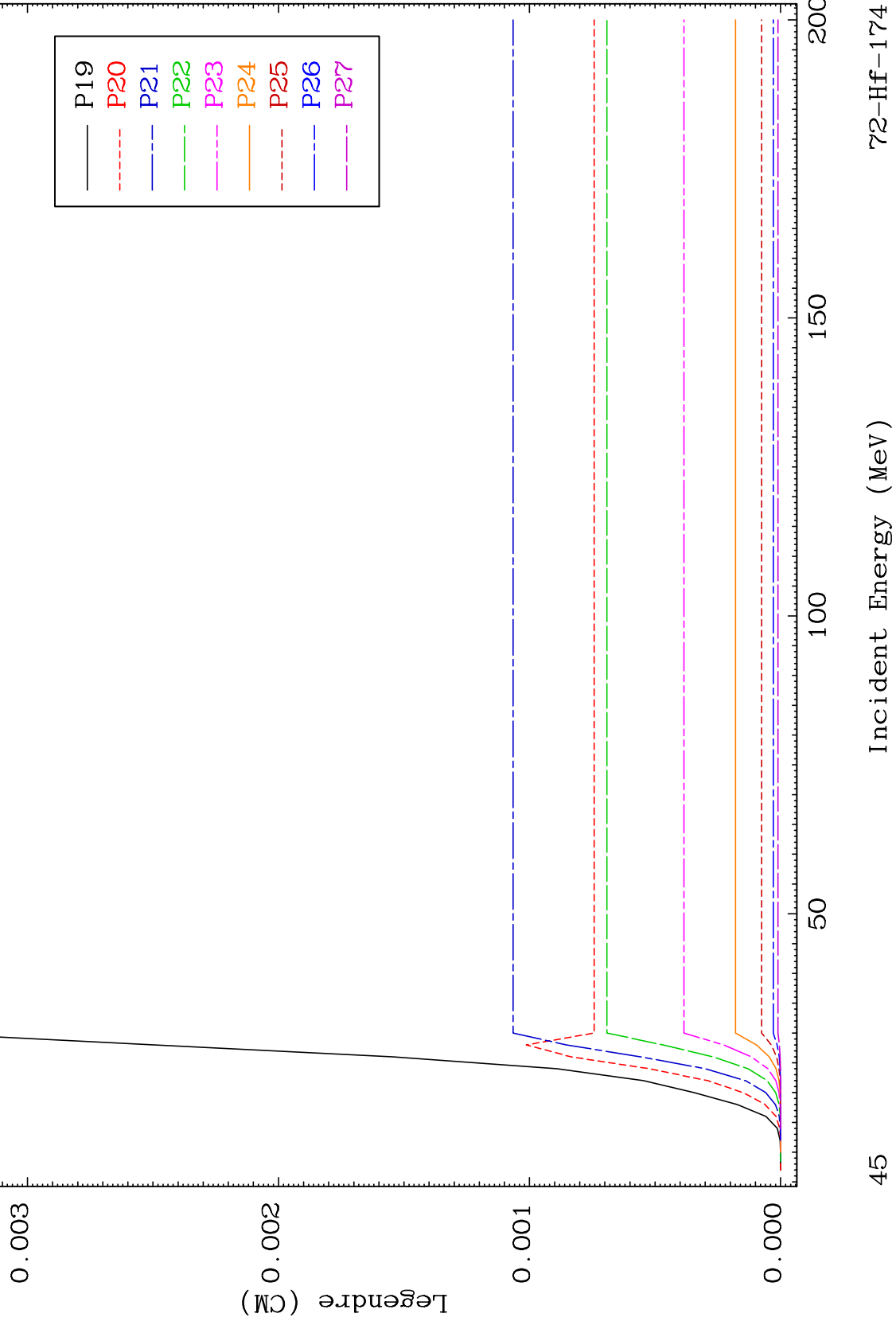
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72-Hf-174

MAT 7225

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

72-Hf-174



72-Hf-174

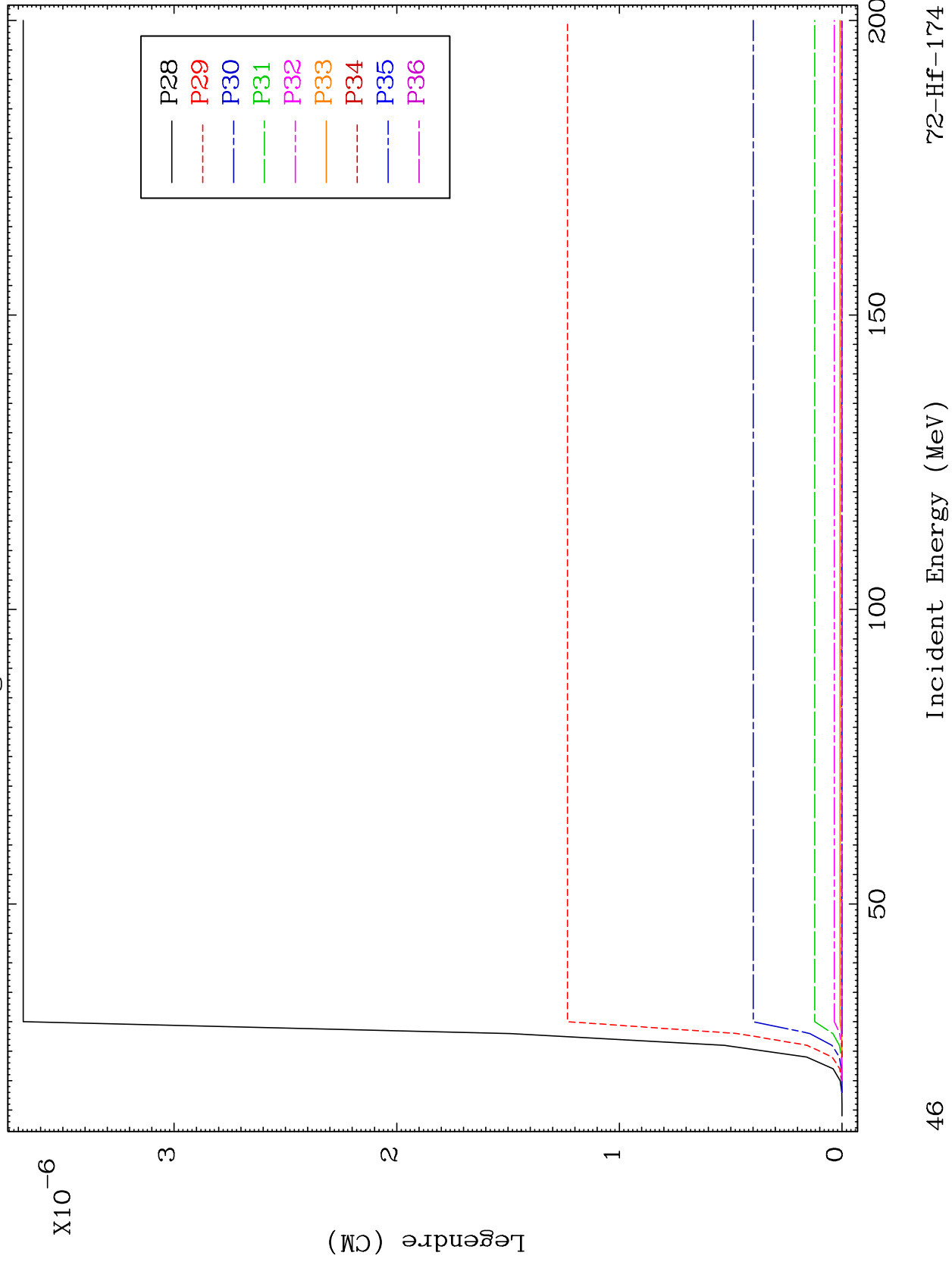
Incident Energy (MeV)

45

MAT 7225

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

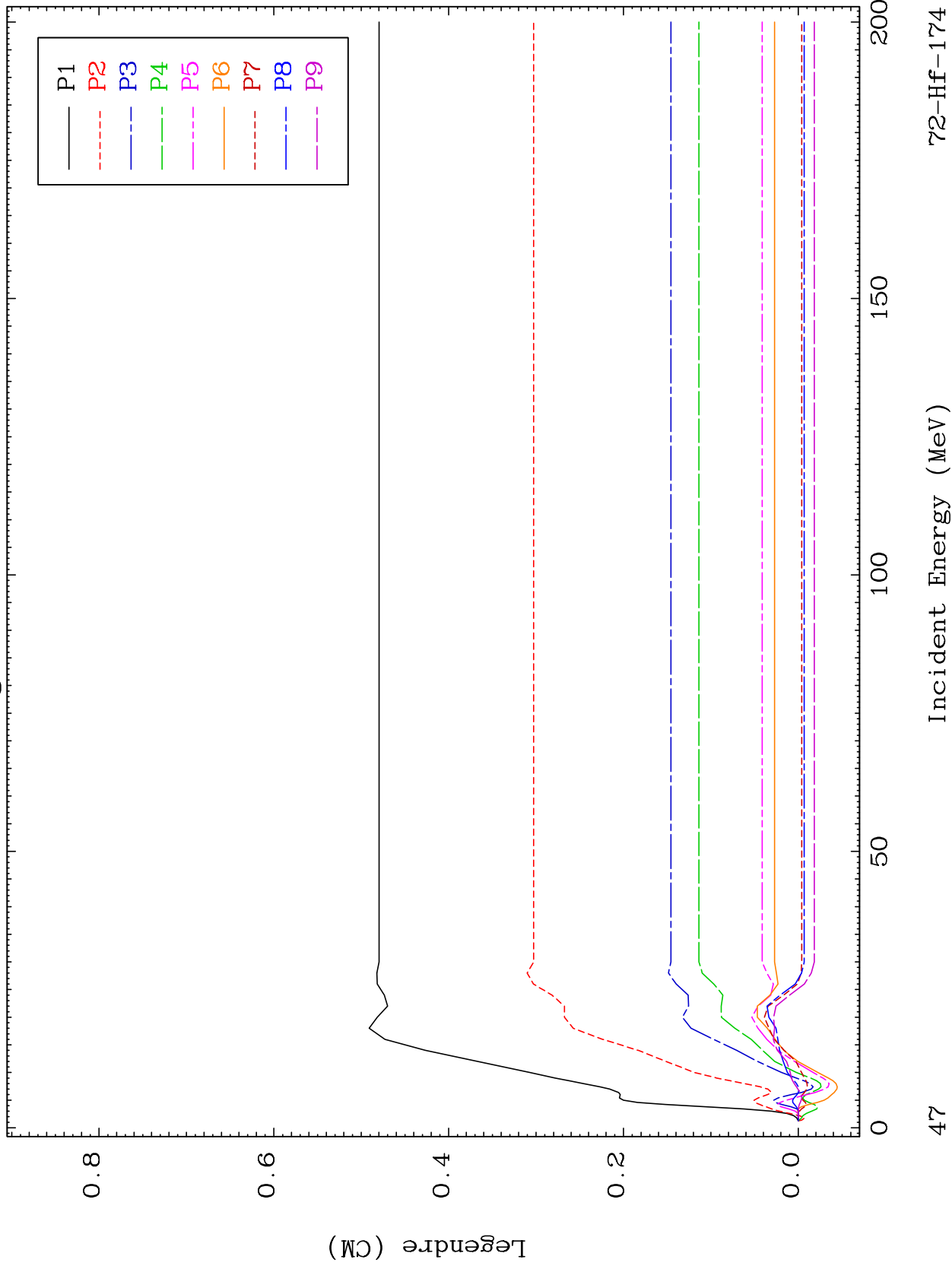
72-Hf-174



MAT 7225

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

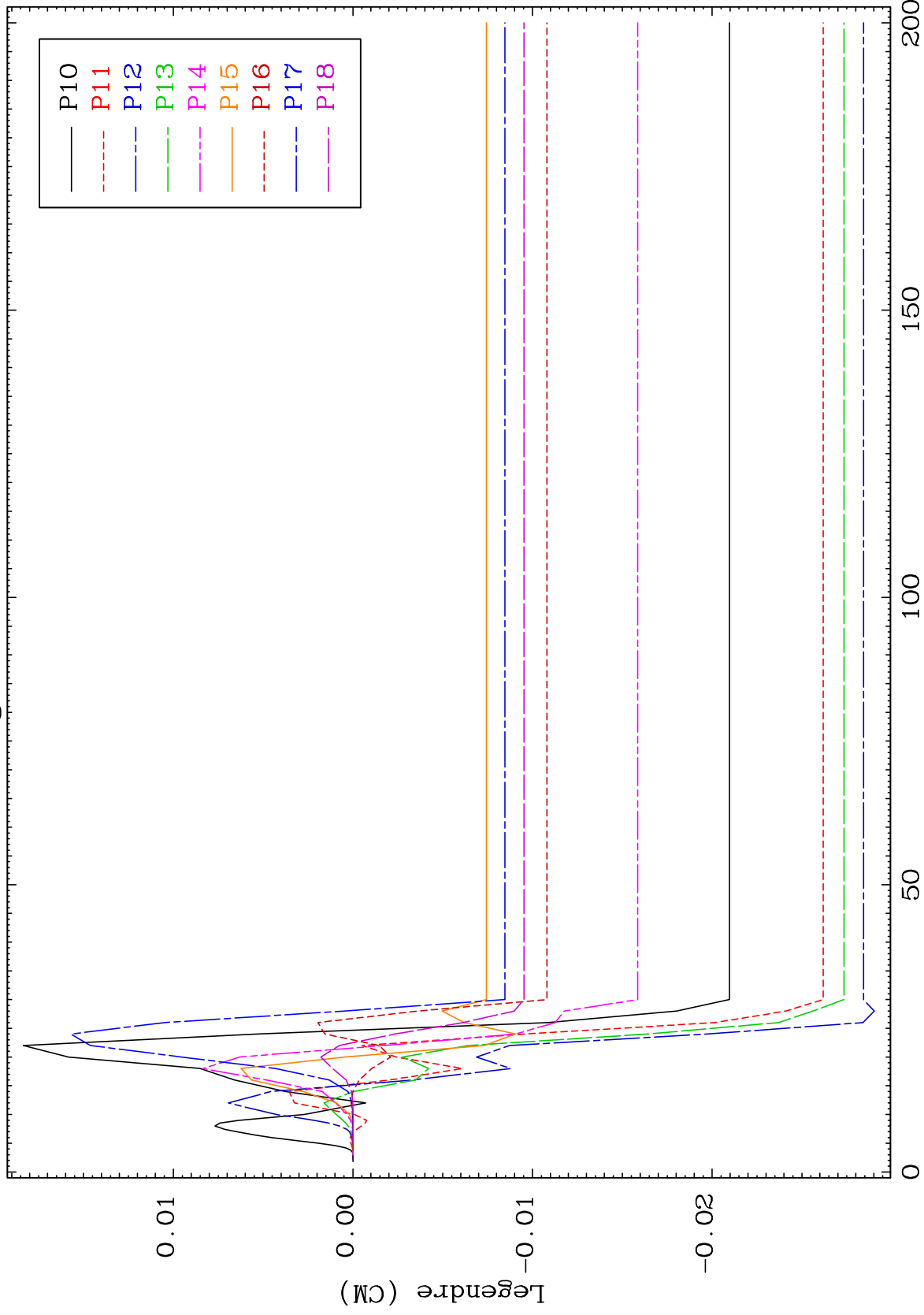
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MAT 7225

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

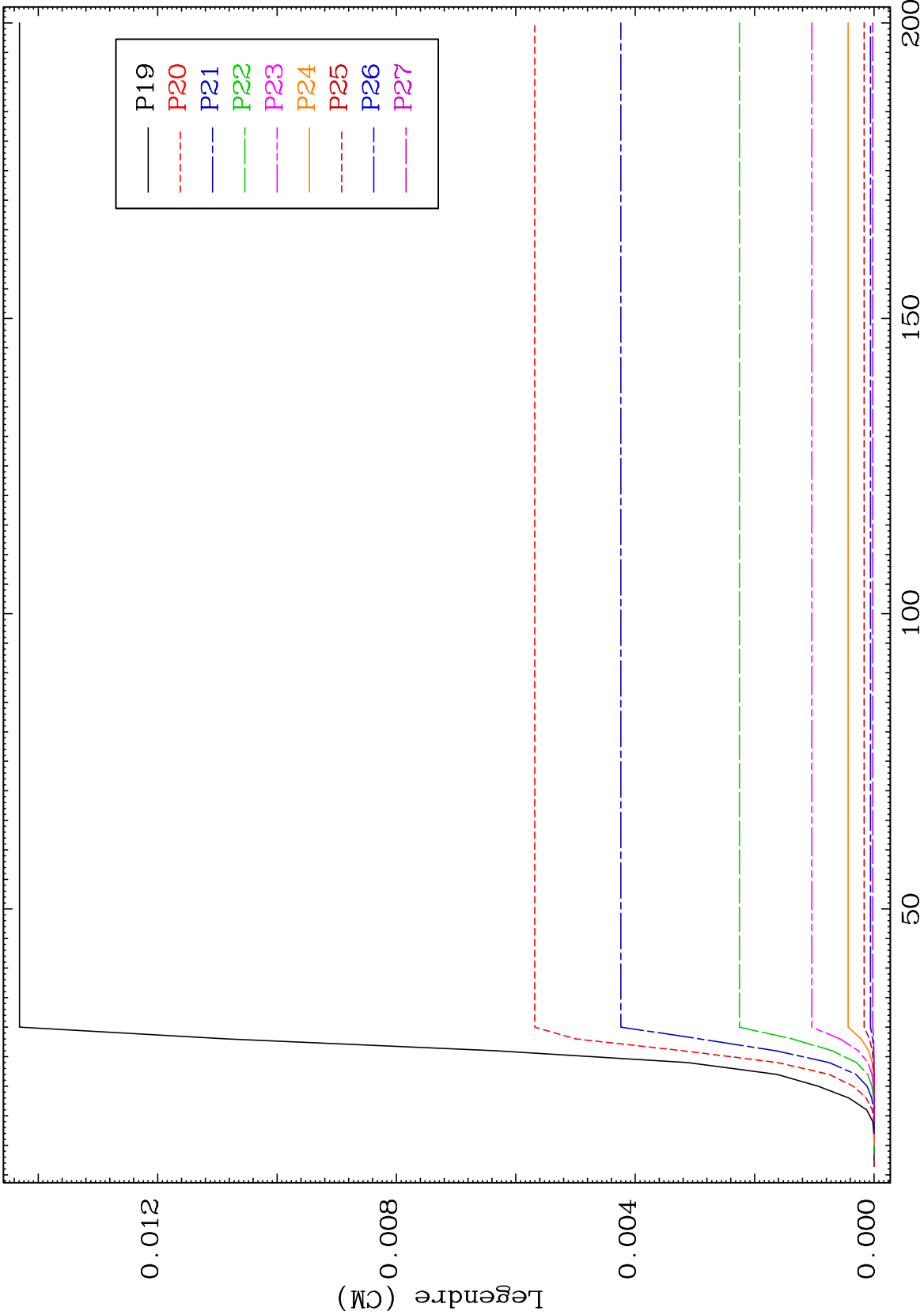
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48

Incident Energy (MeV)

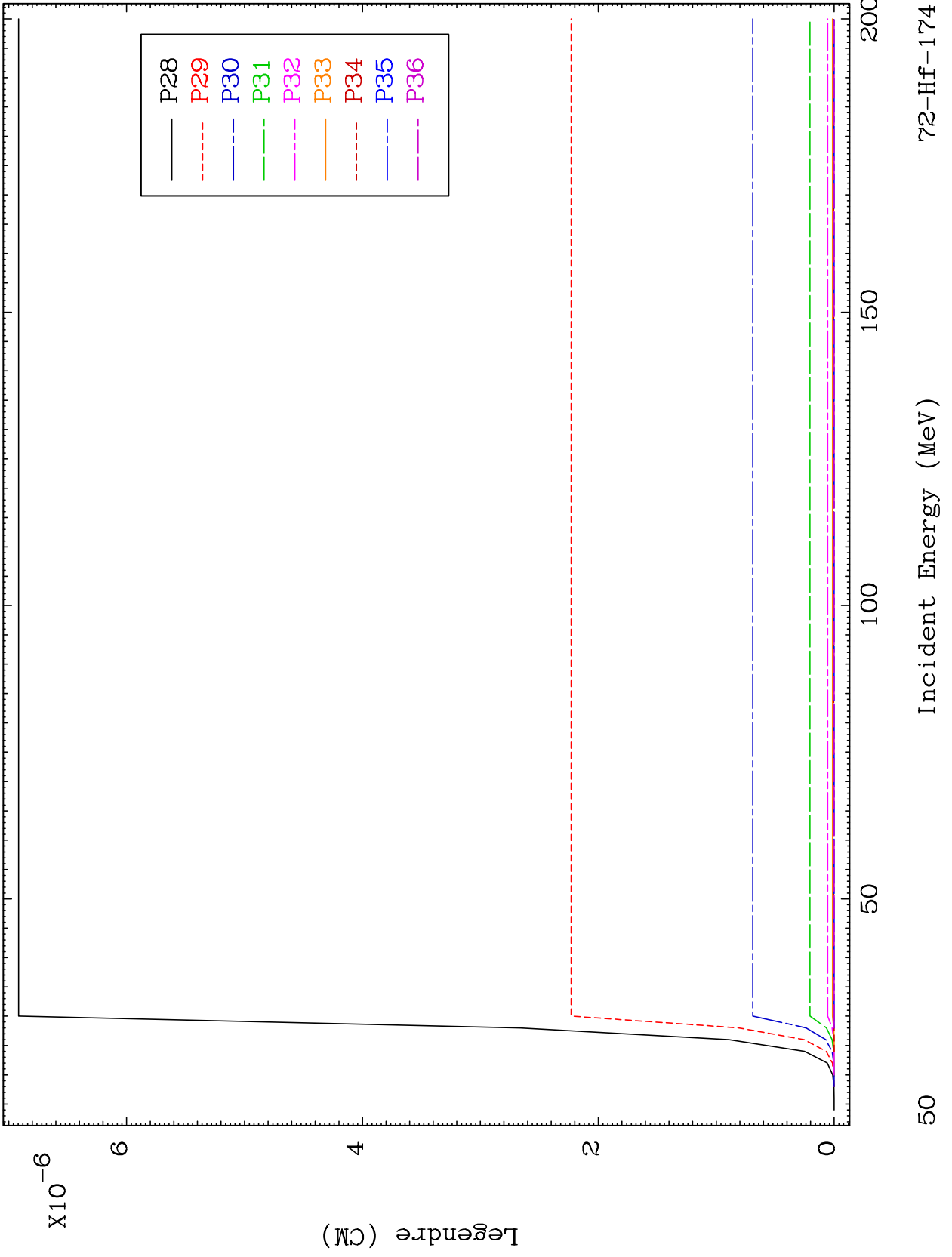
72-Hf-174



MAT 7225

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

72-Hf-174



72-Hf-174

Incident Energy (MeV)

50

50

100

150

200

$\times 10^{-6}$

6

4

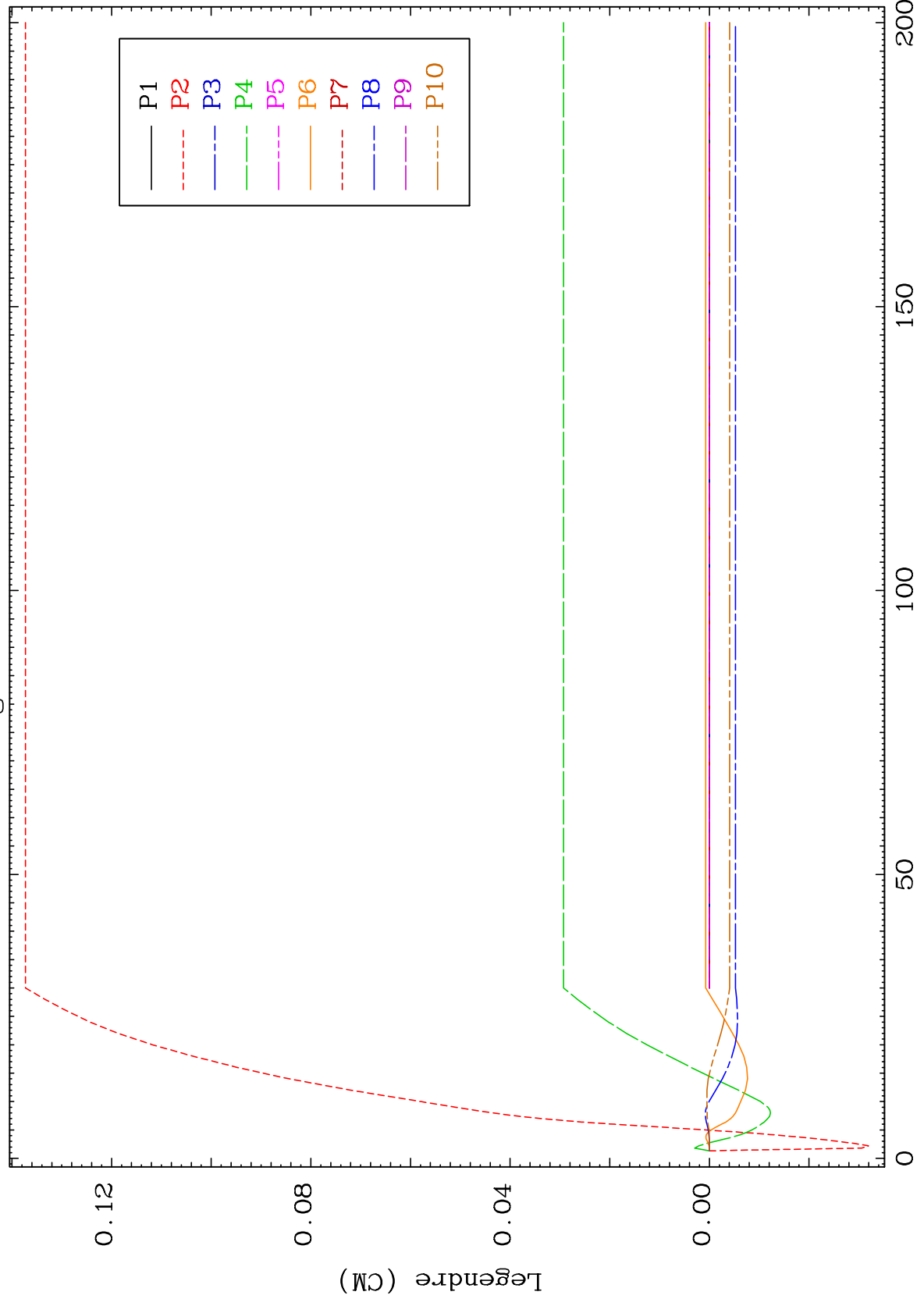
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MAT 7225

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

72-Hf-174



72-Hf-174

Incident Energy (MeV)

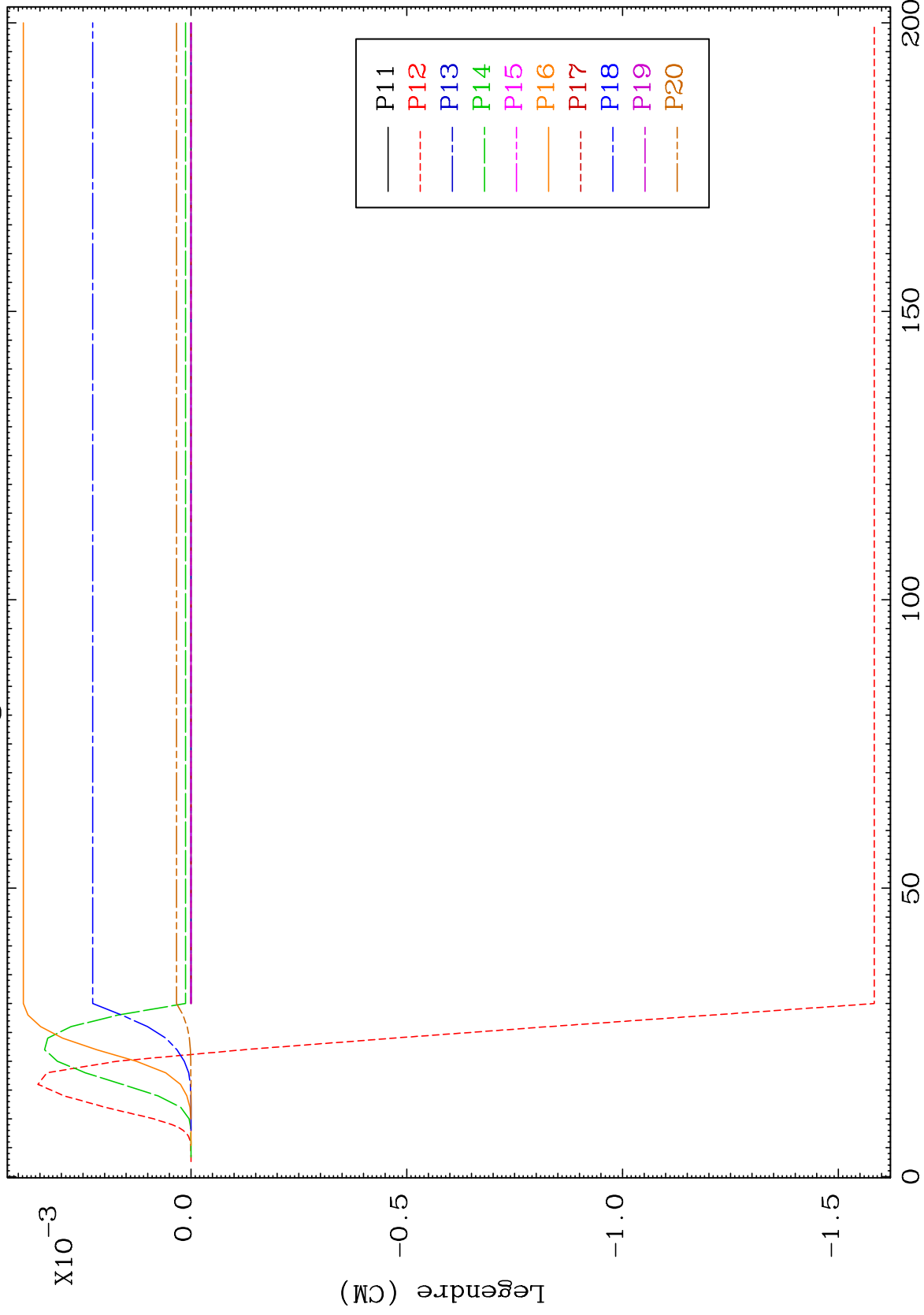
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MAT 7225

MT= 59 (n,n') Level

72-Hf-174

Legendre Coefficients



52

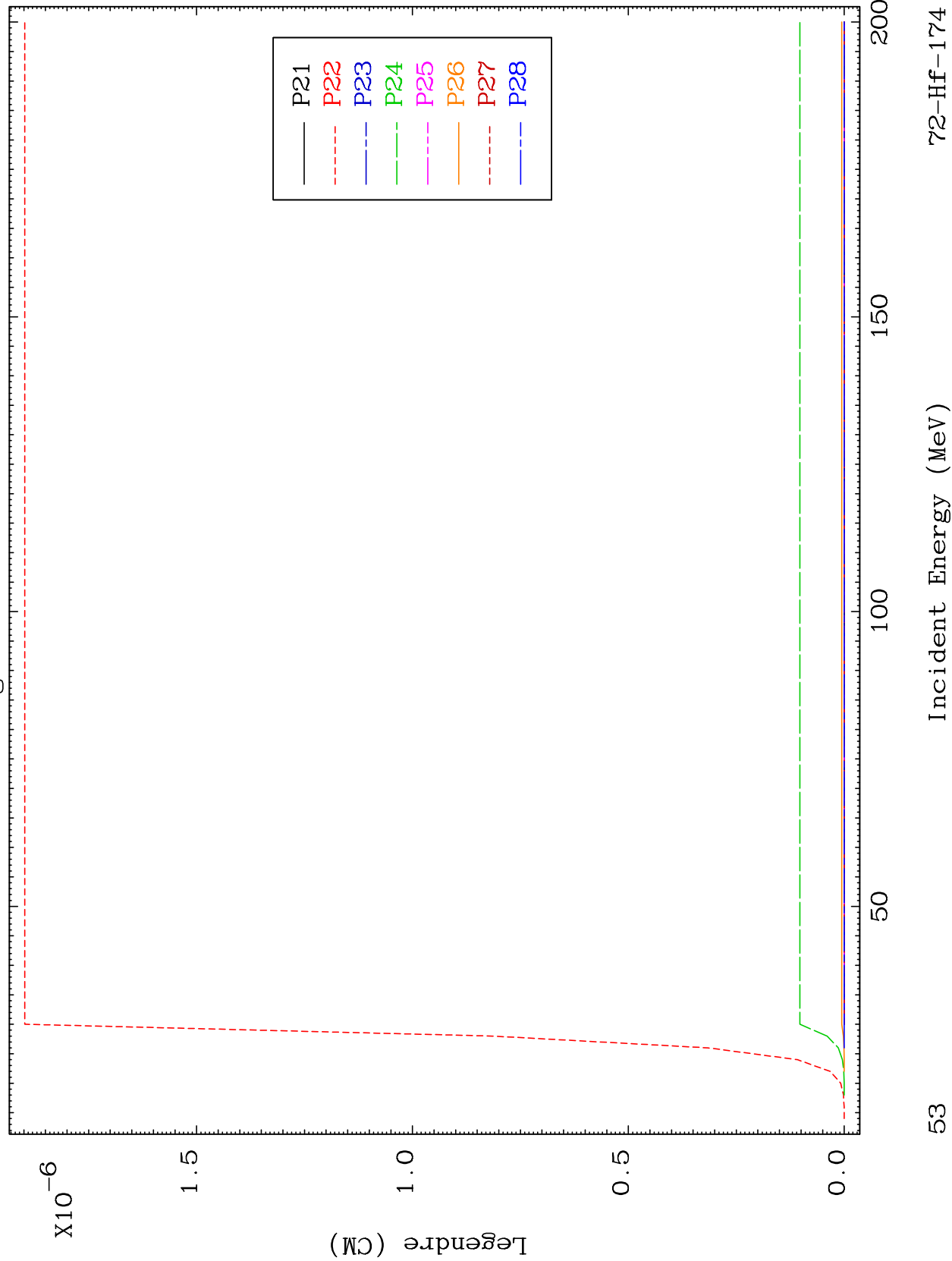
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174



53

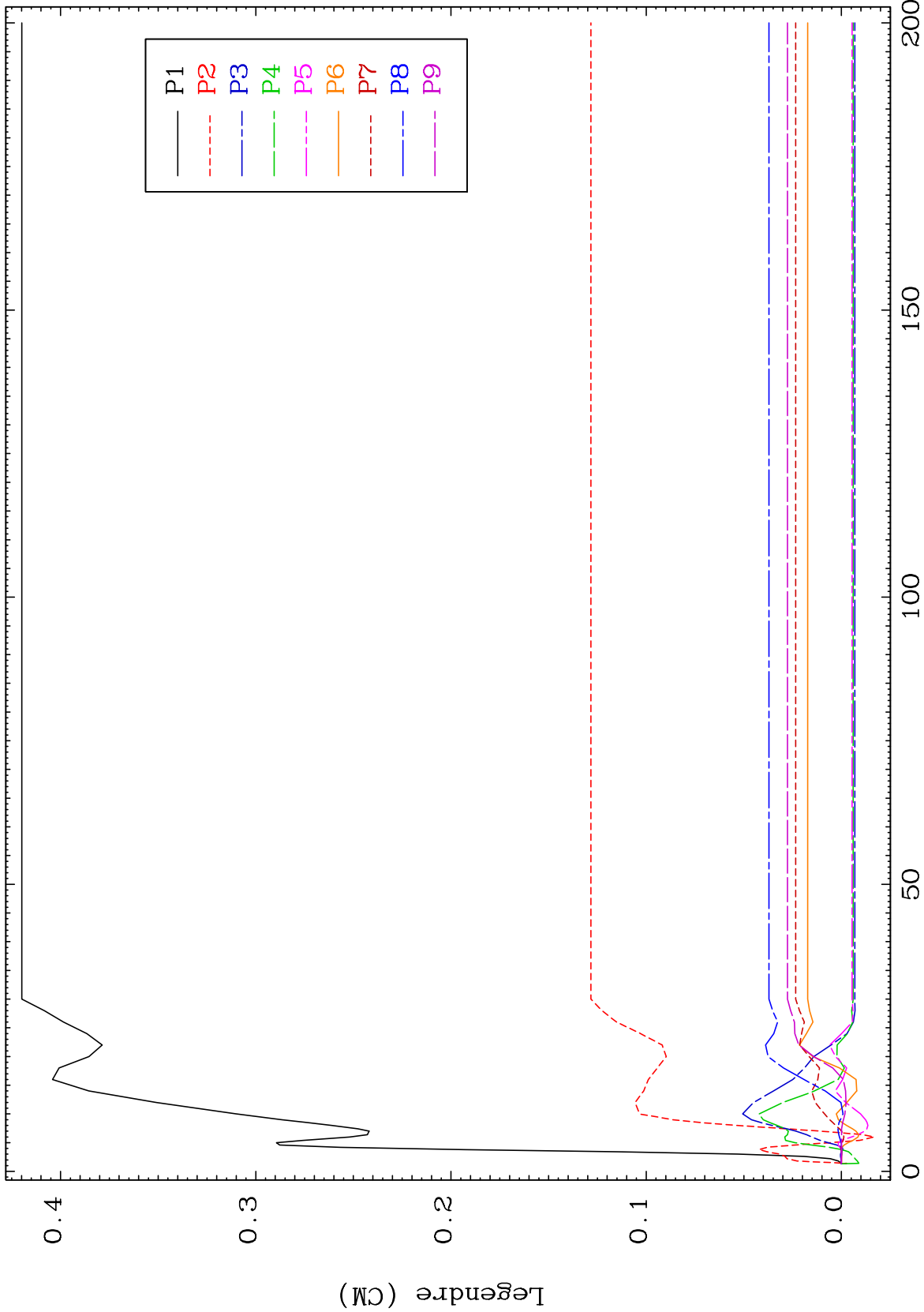
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

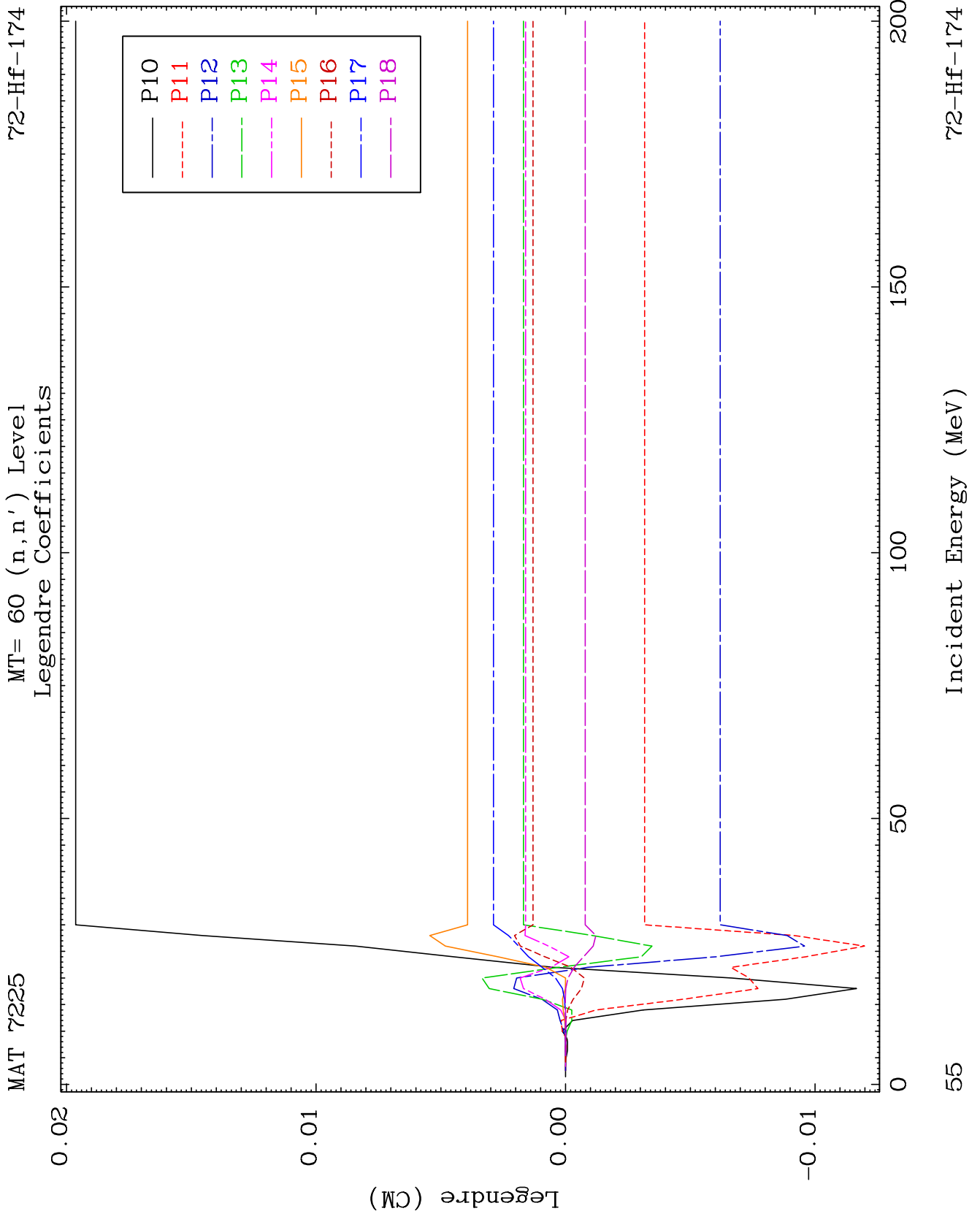
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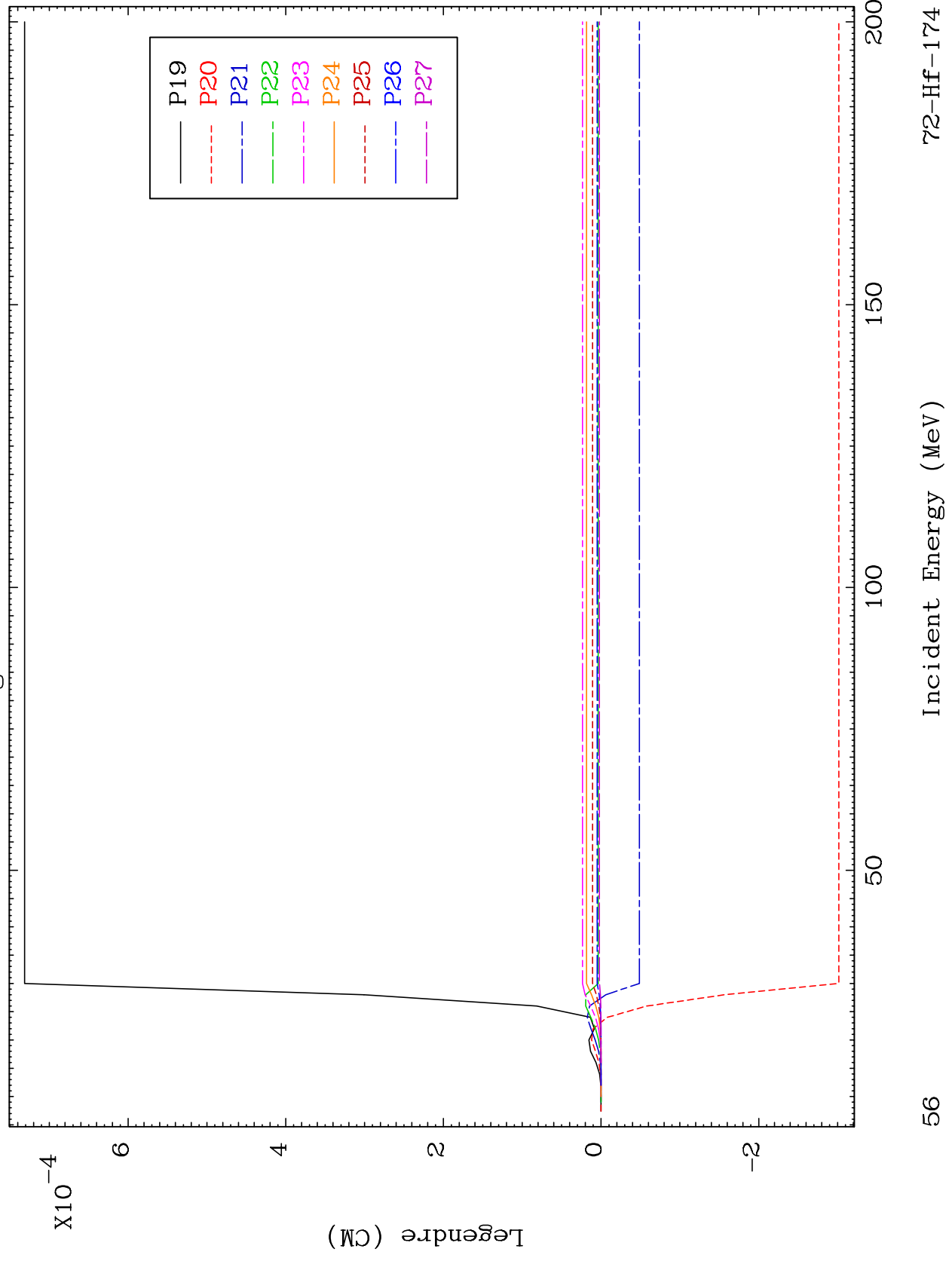


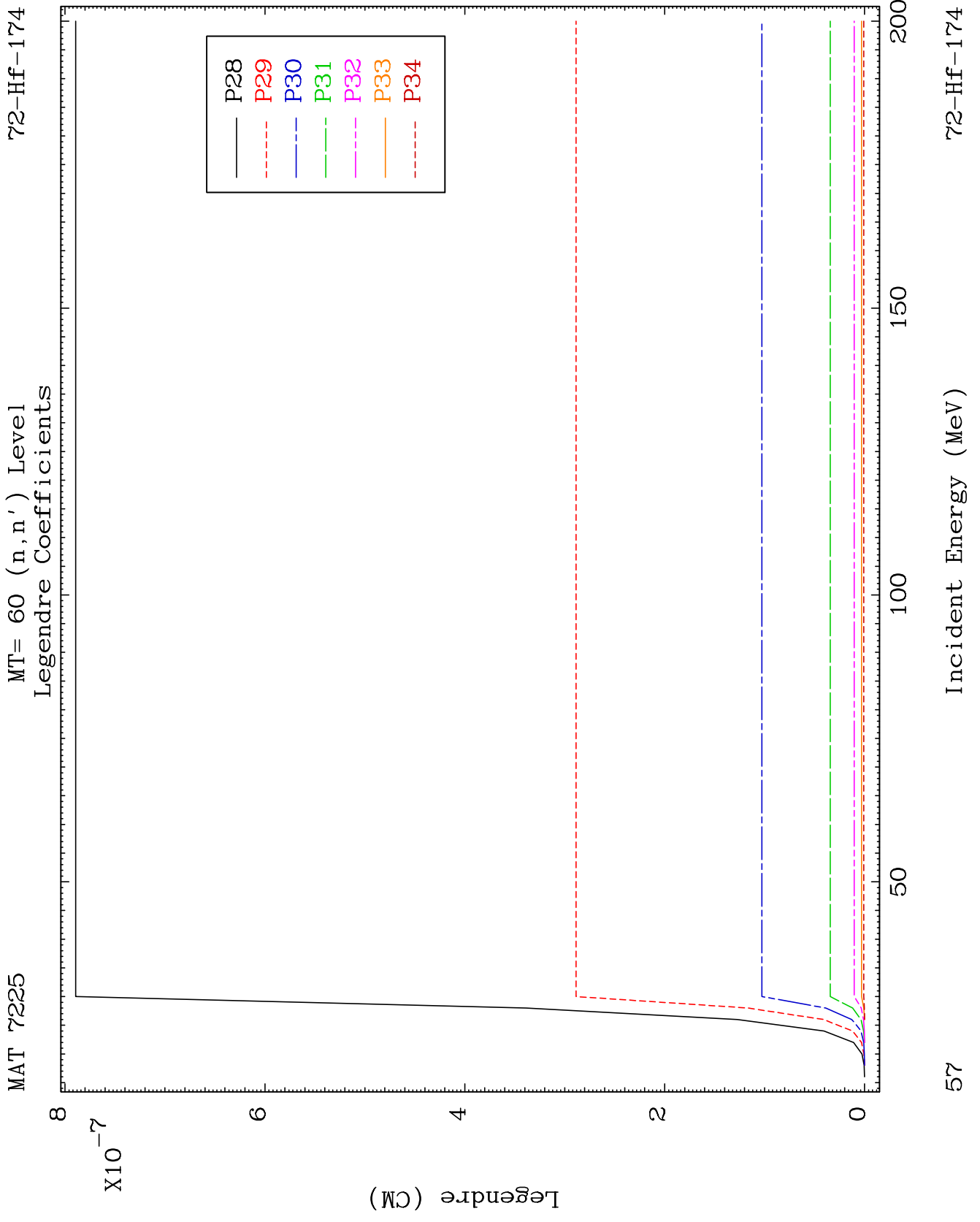
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Incident Energy (MeV)

72-Hf-174



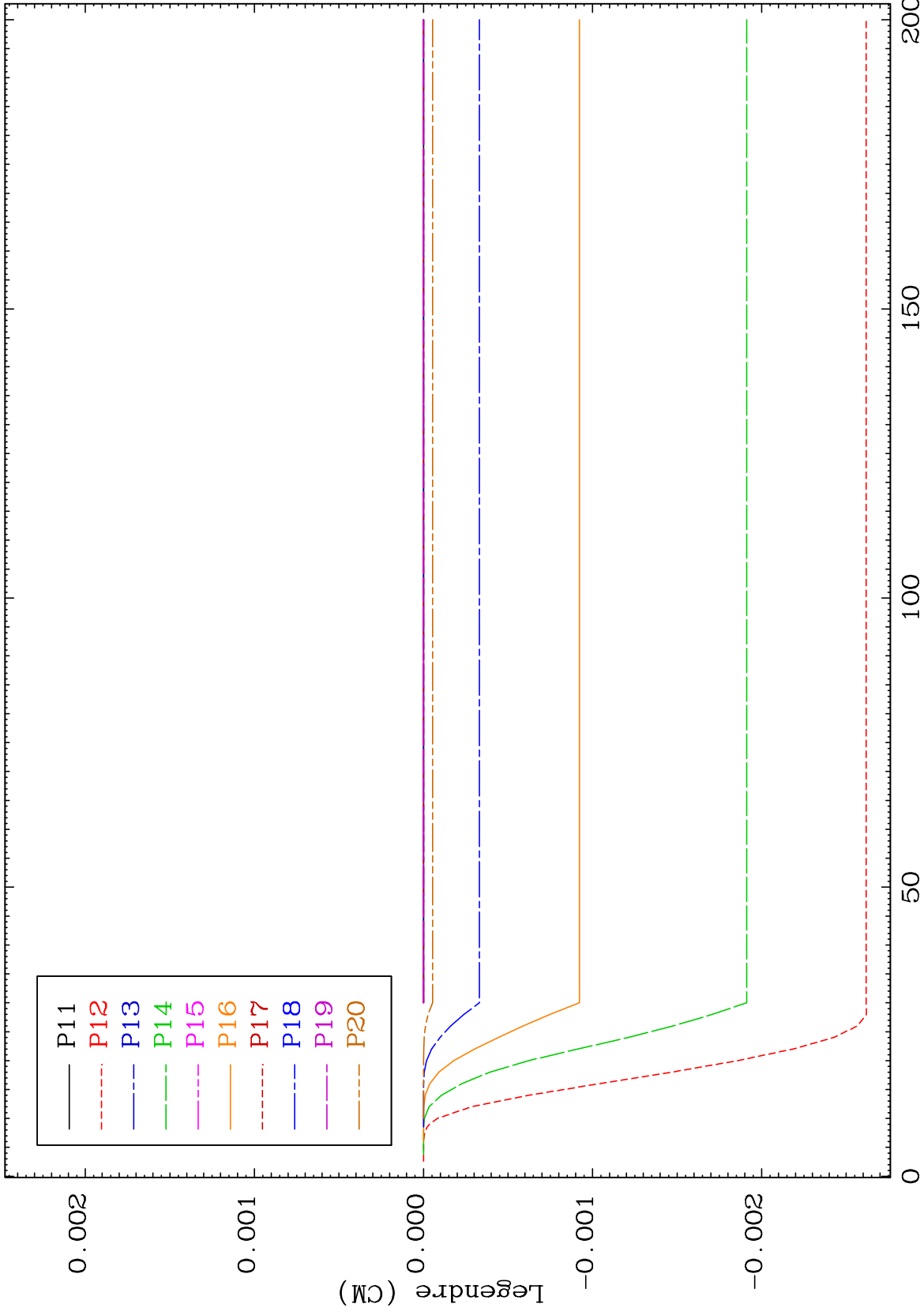




MAT 7225

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

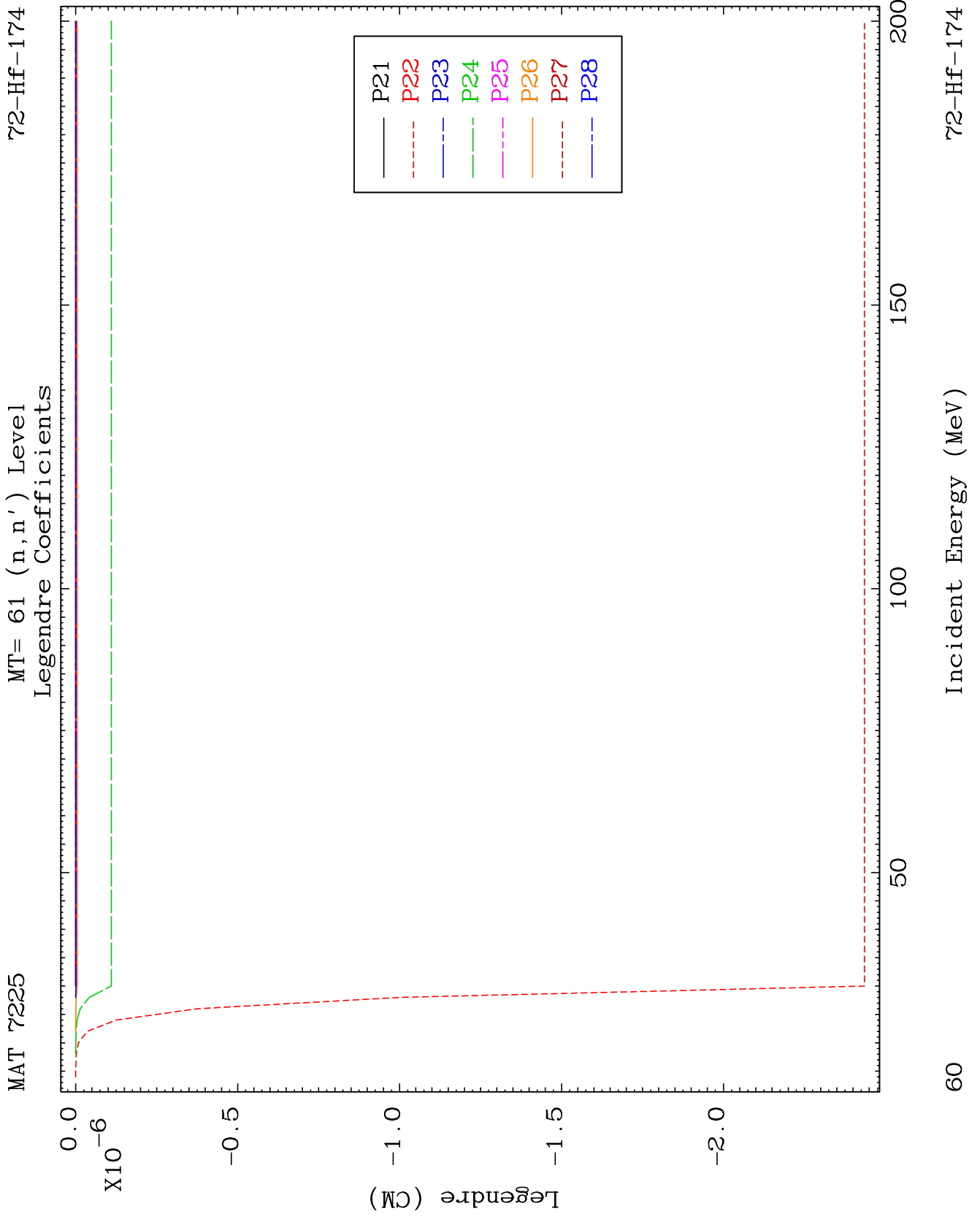
72-Hf-174



59

Incident Energy (MeV)

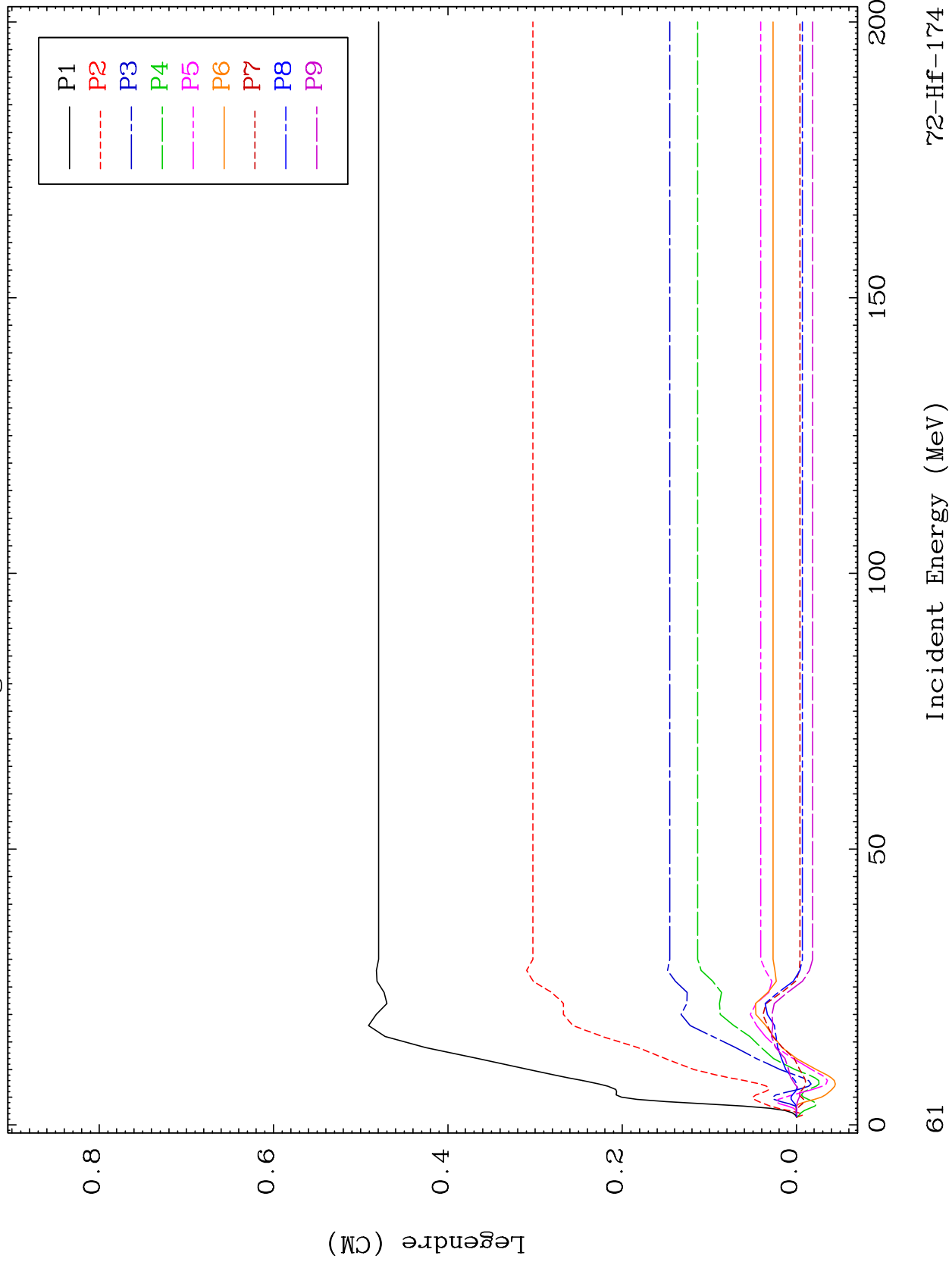
72-Hf-174



MAT 7225

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

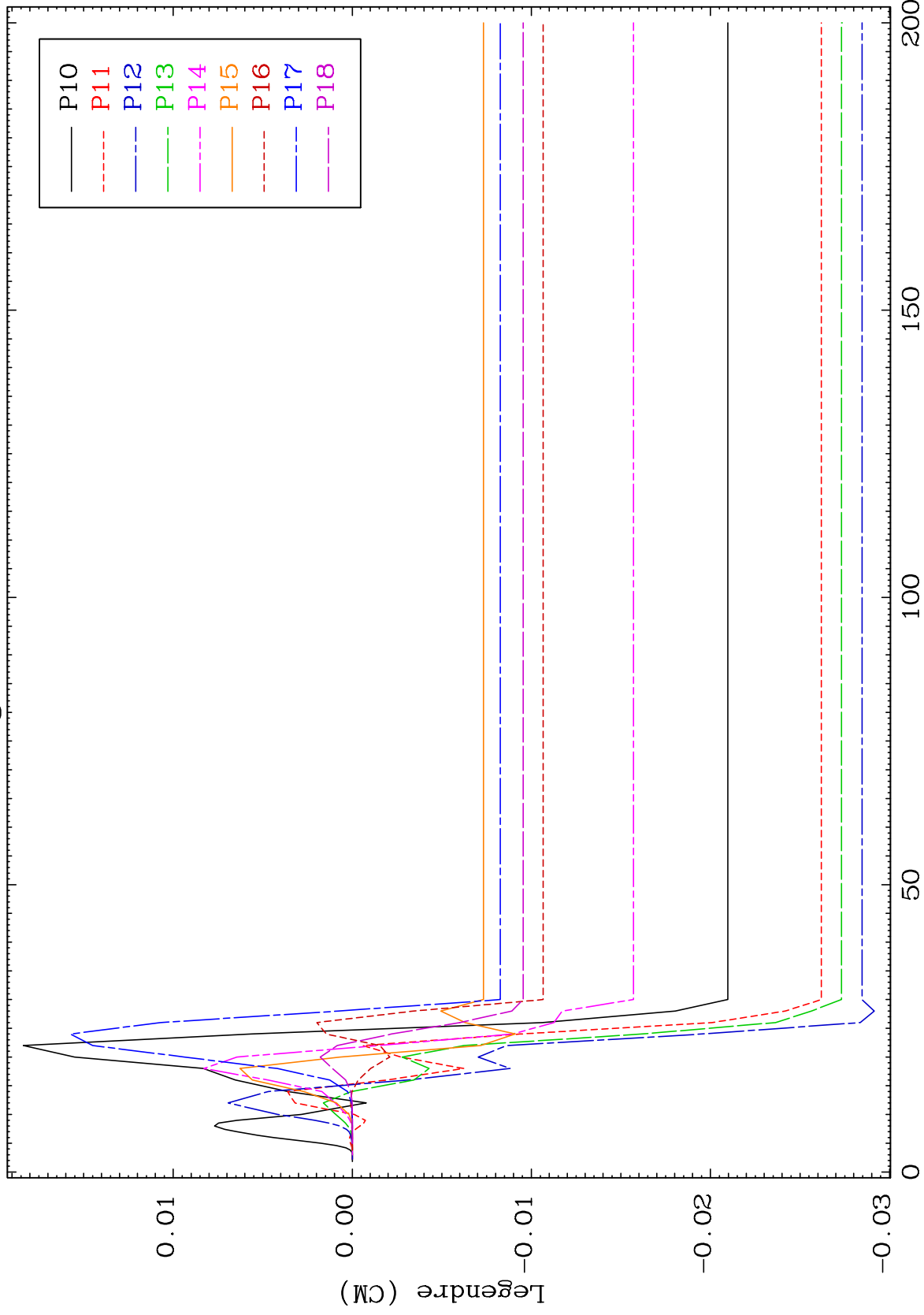
72-Hf-174



MAT 7225

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

72-Hf-174



62

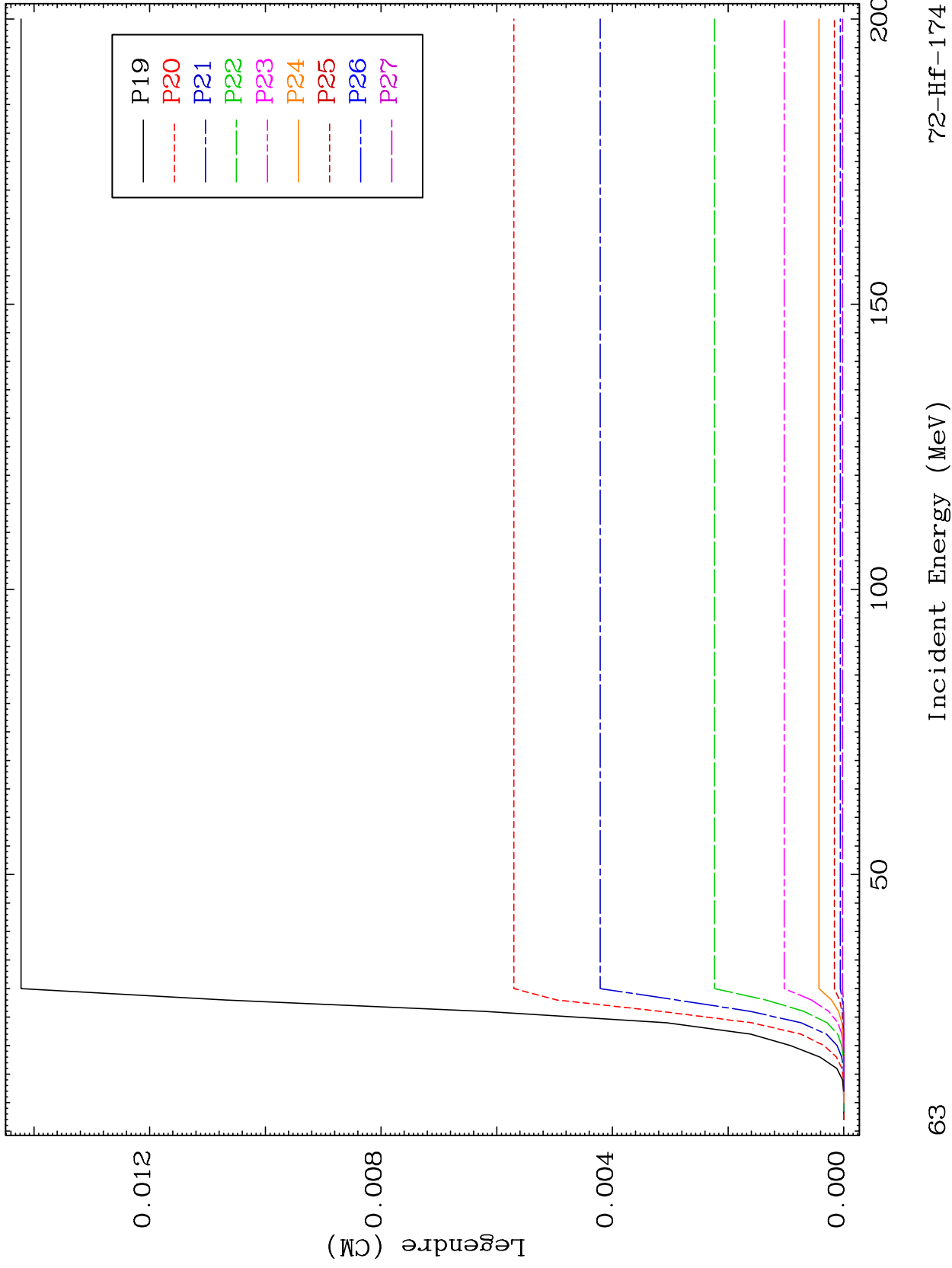
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174



63

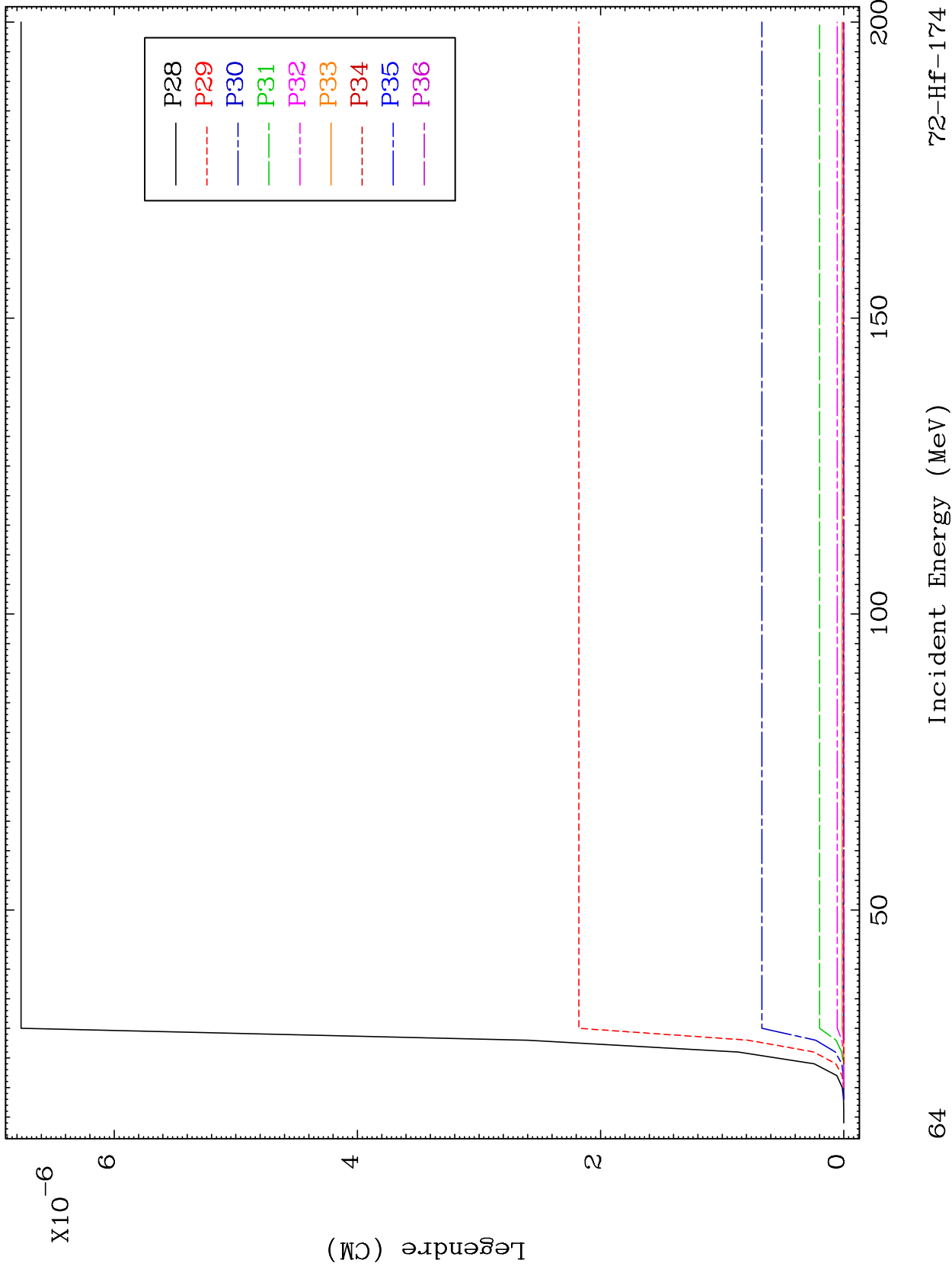
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174



64

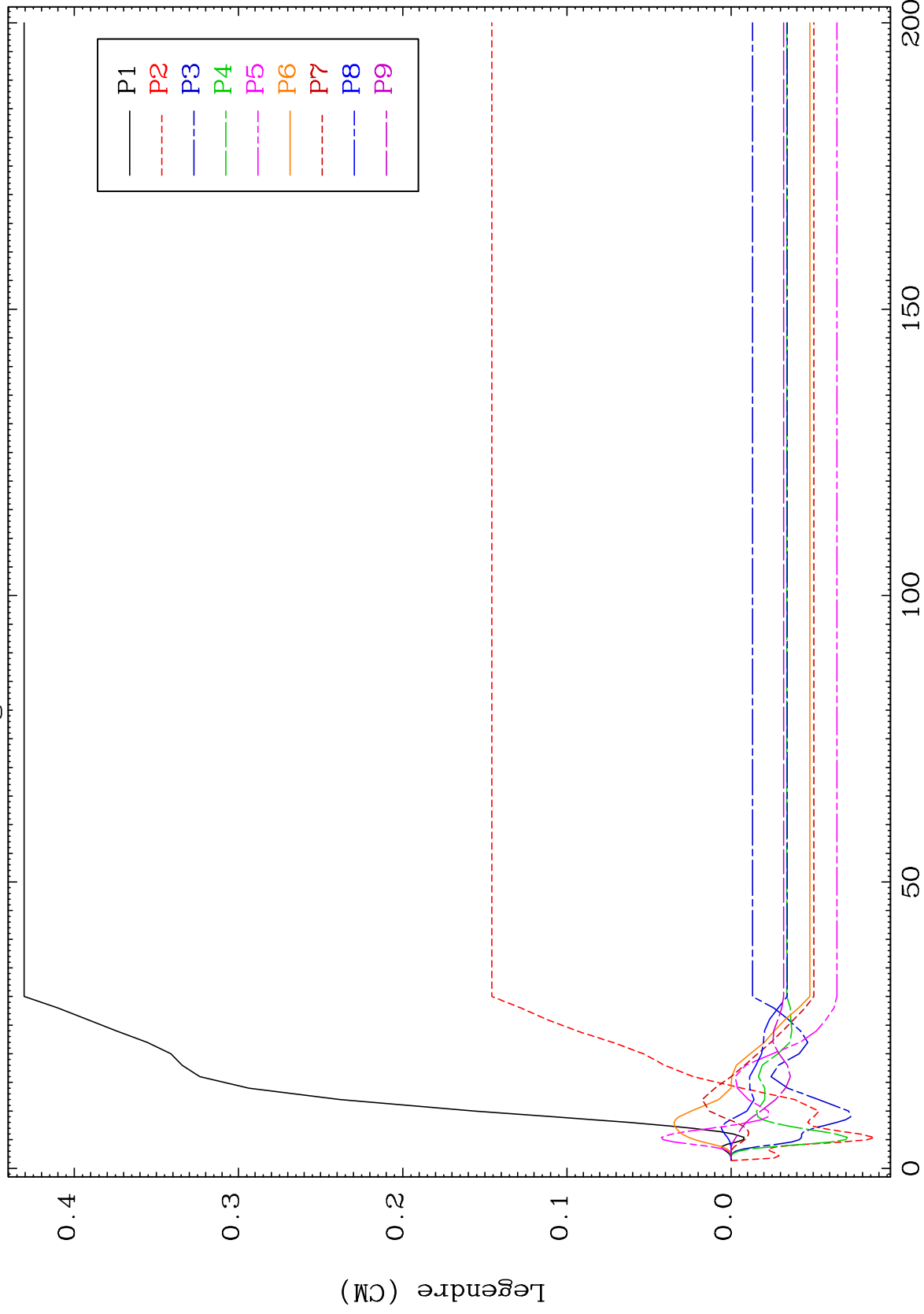
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174



72-Hf-174

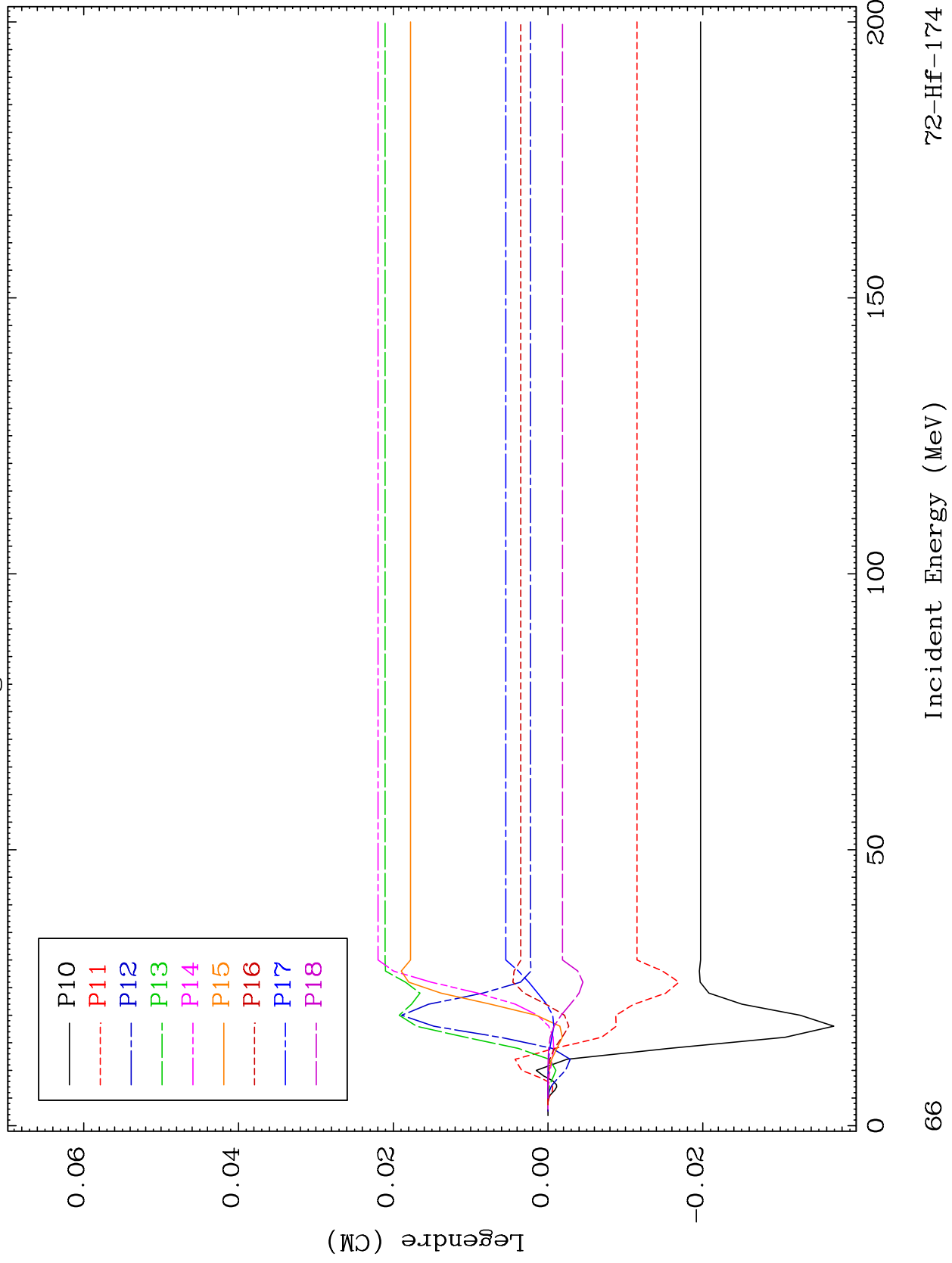
Incident Energy (MeV)

65

MAT 7225

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

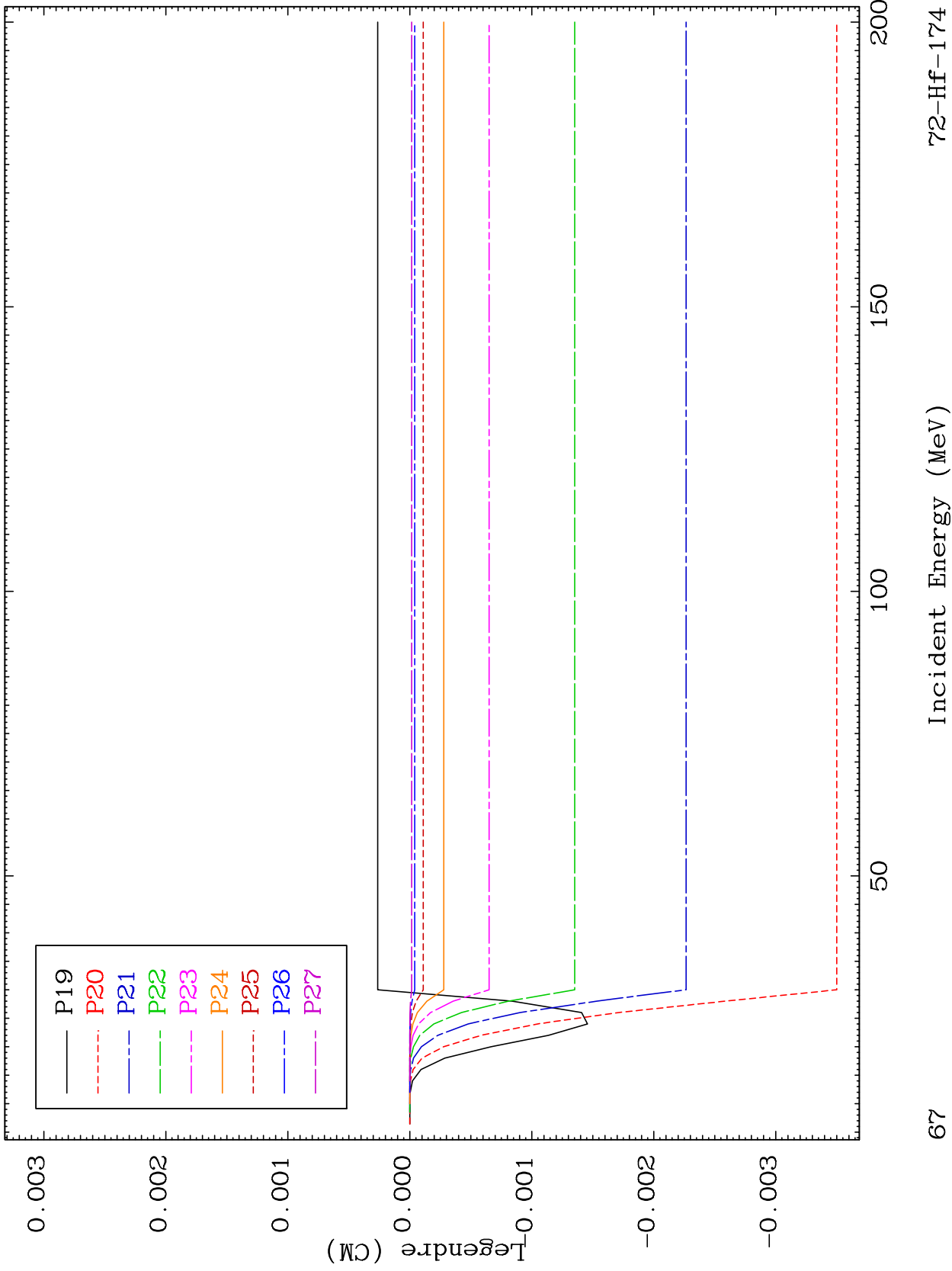
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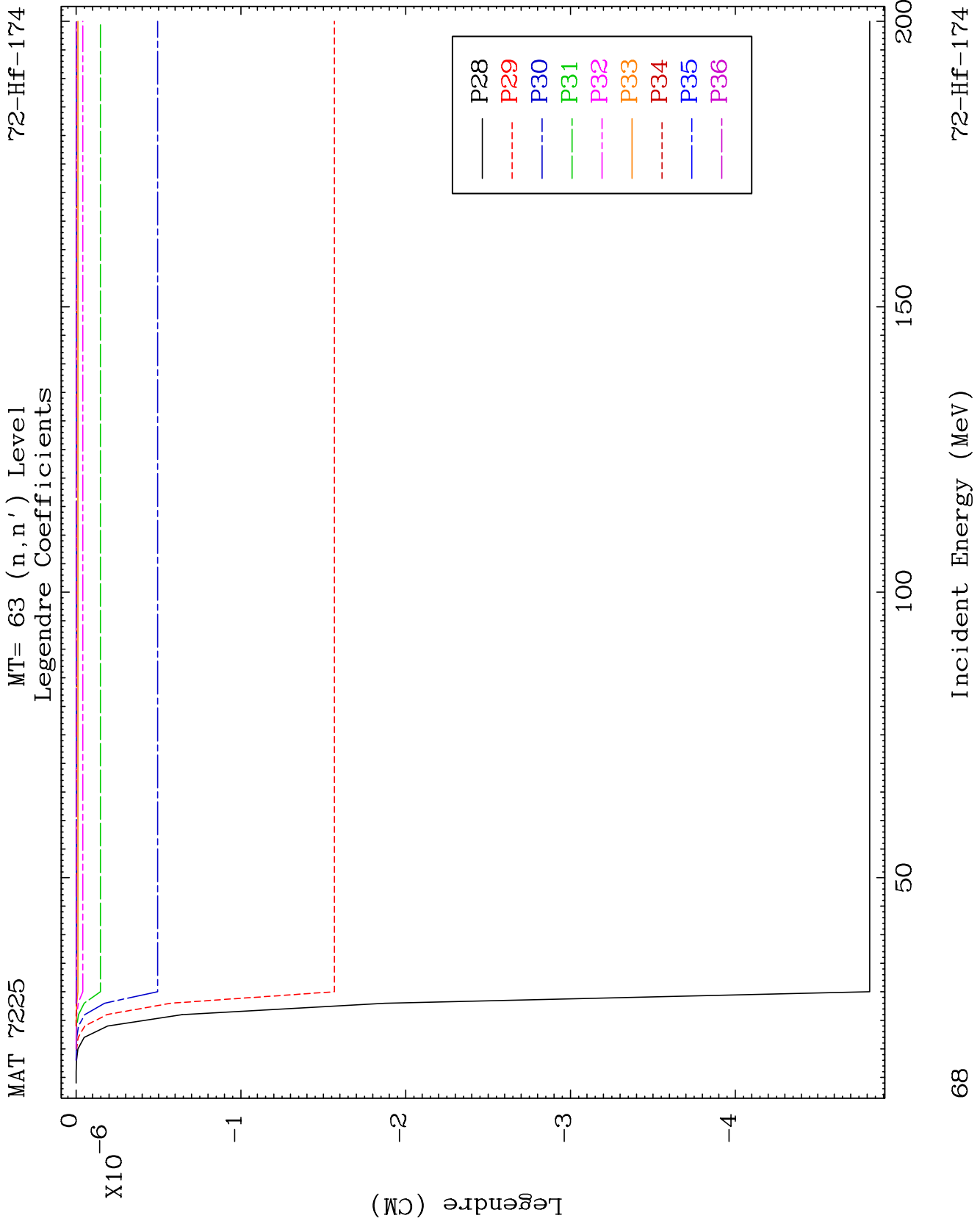


66

Incident Energy (MeV)

72-Hf-174

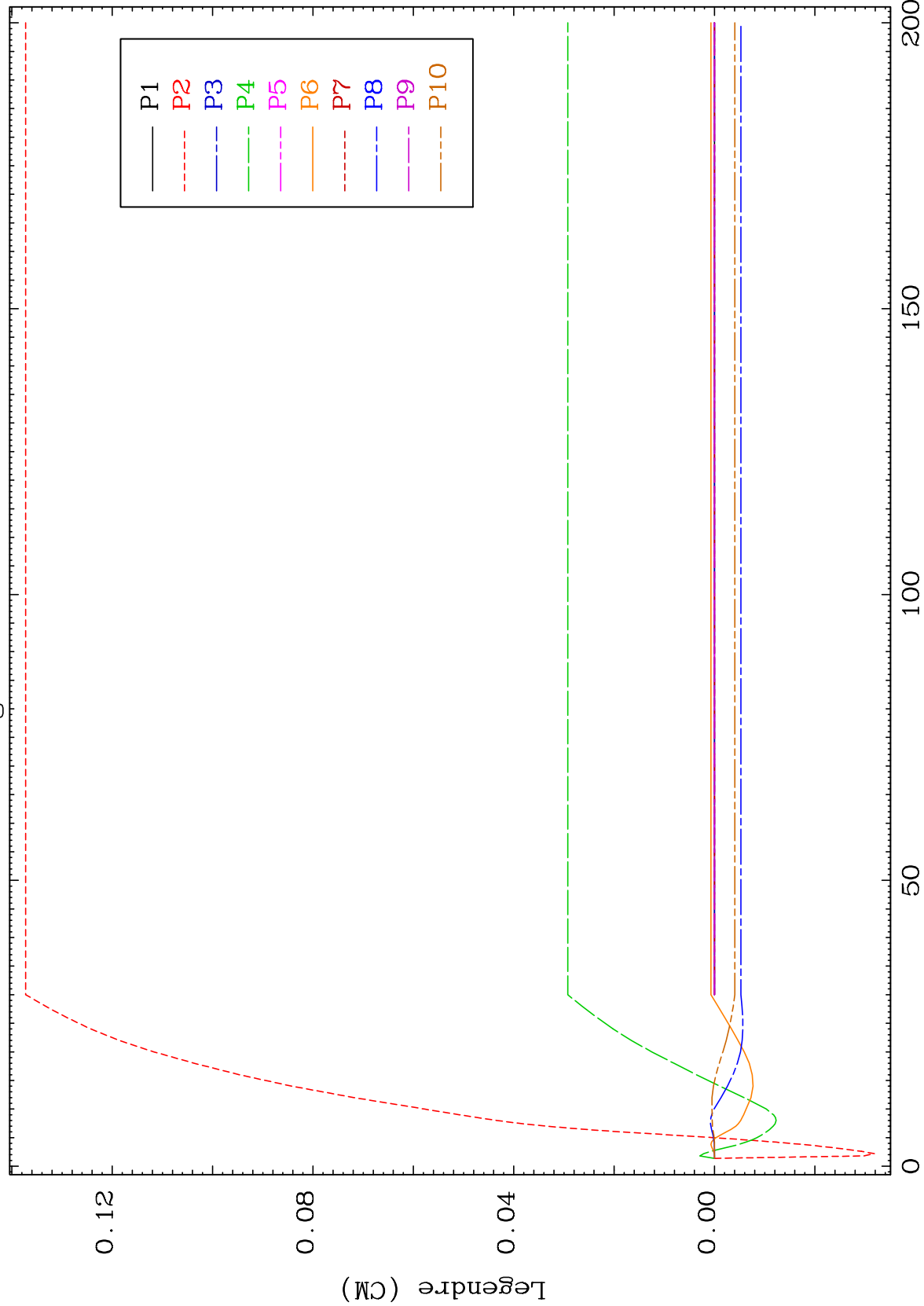




MAT 7225

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

72-Hf-174



72-Hf-174

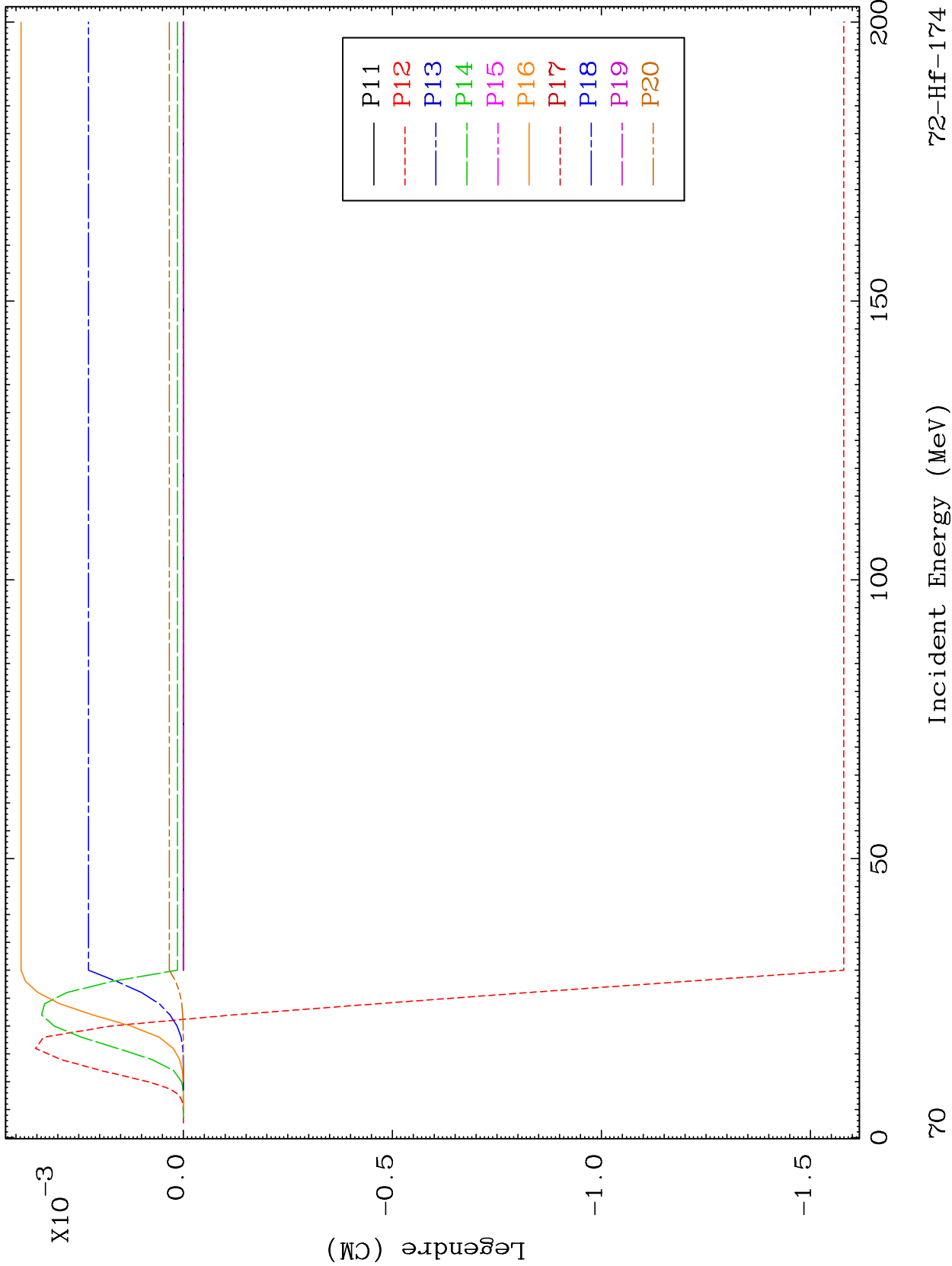
Incident Energy (MeV)

69

MAT 7225

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

72-Hf-174



72-Hf-174

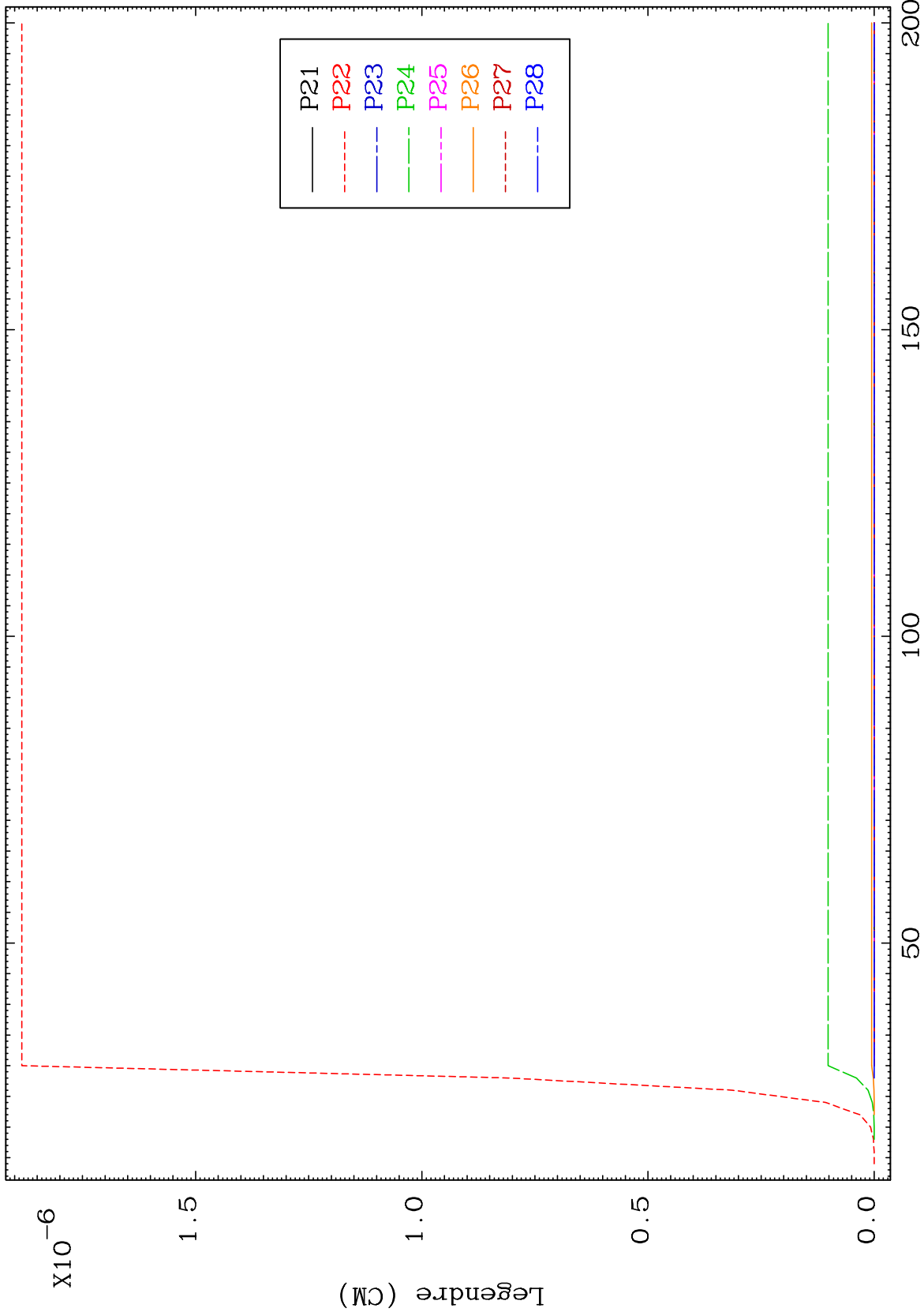
Incident Energy (MeV)

70

MAT 7225

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

72-Hf-174



71

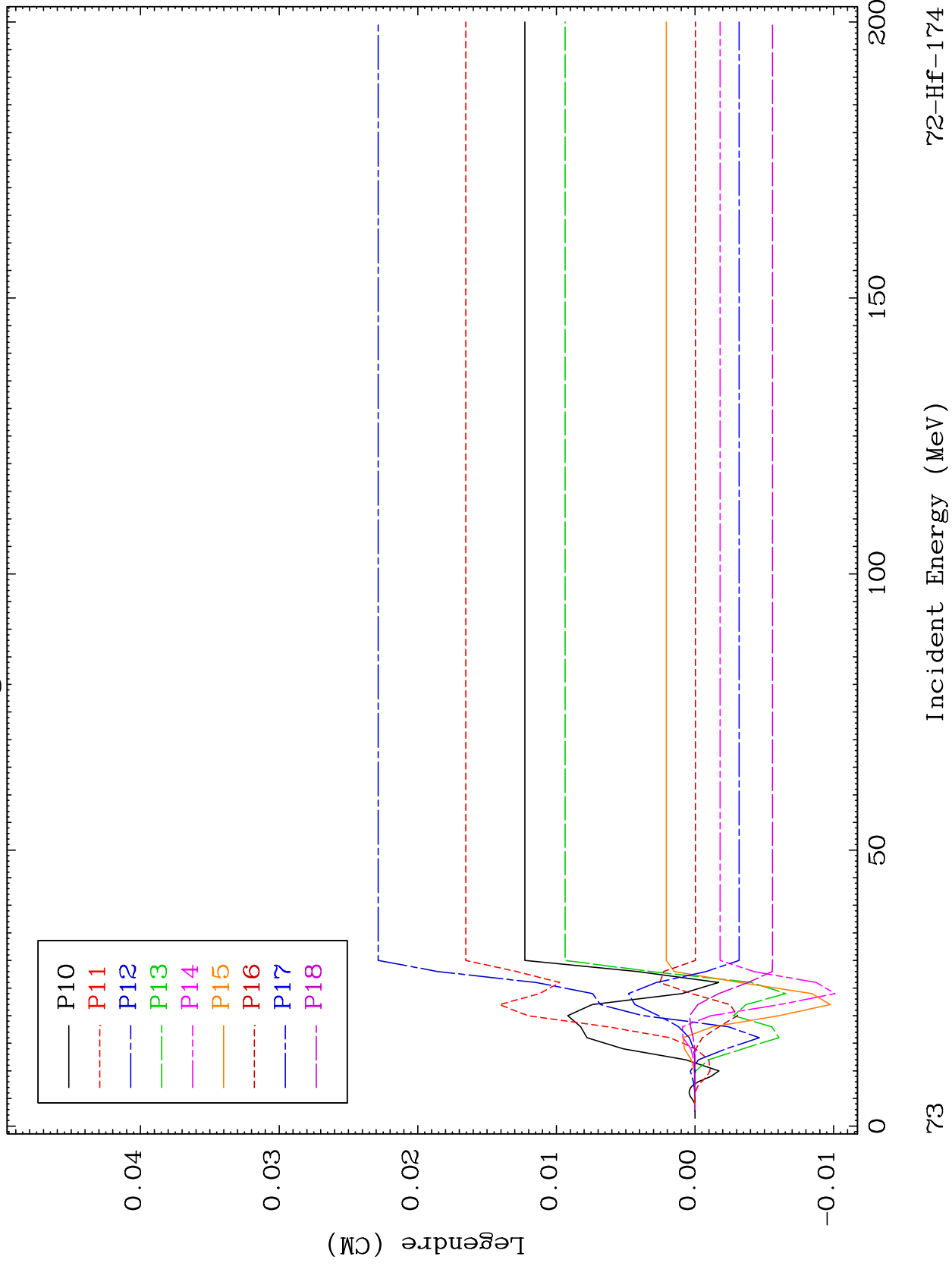
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174



73

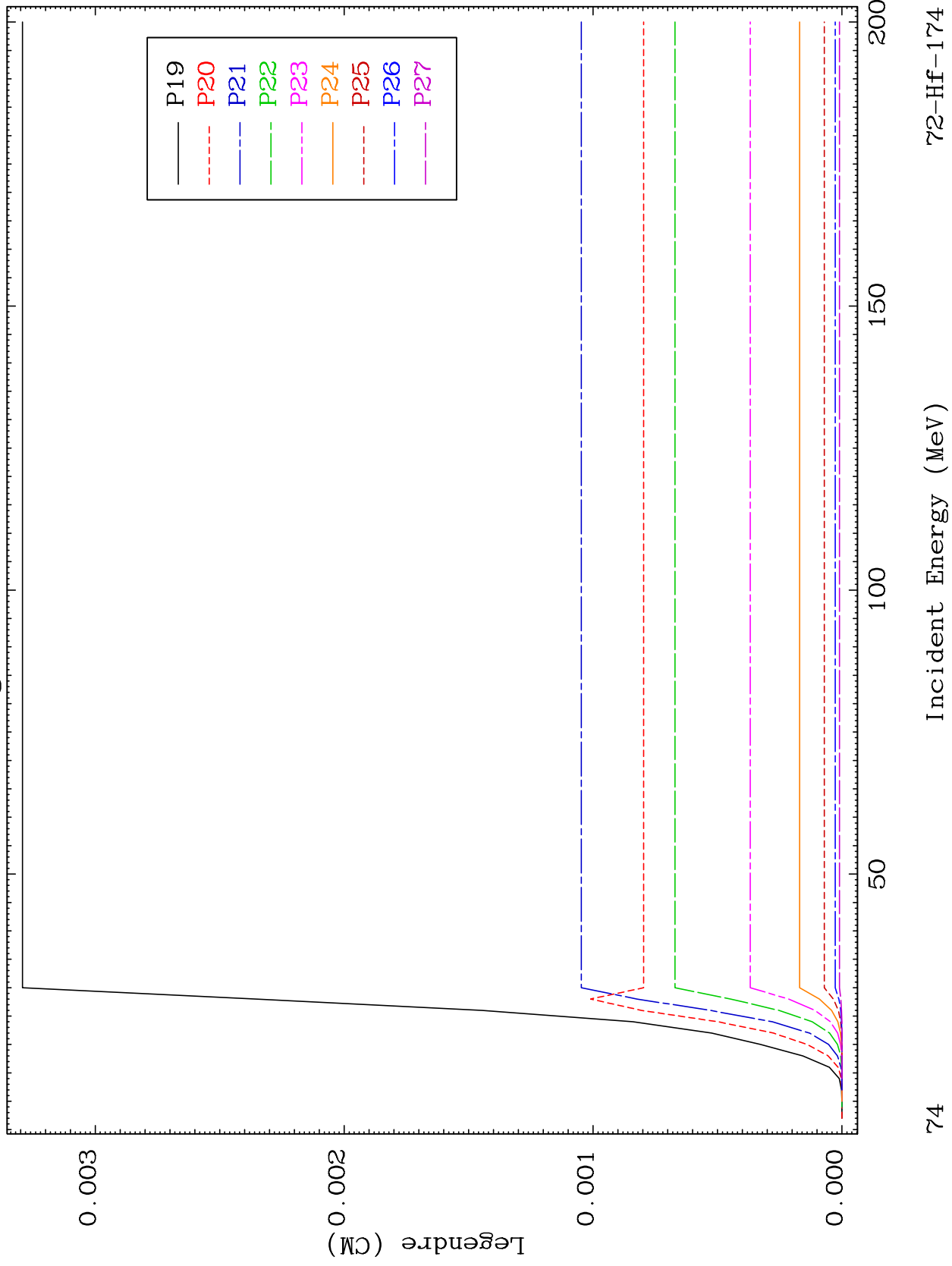
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174



74

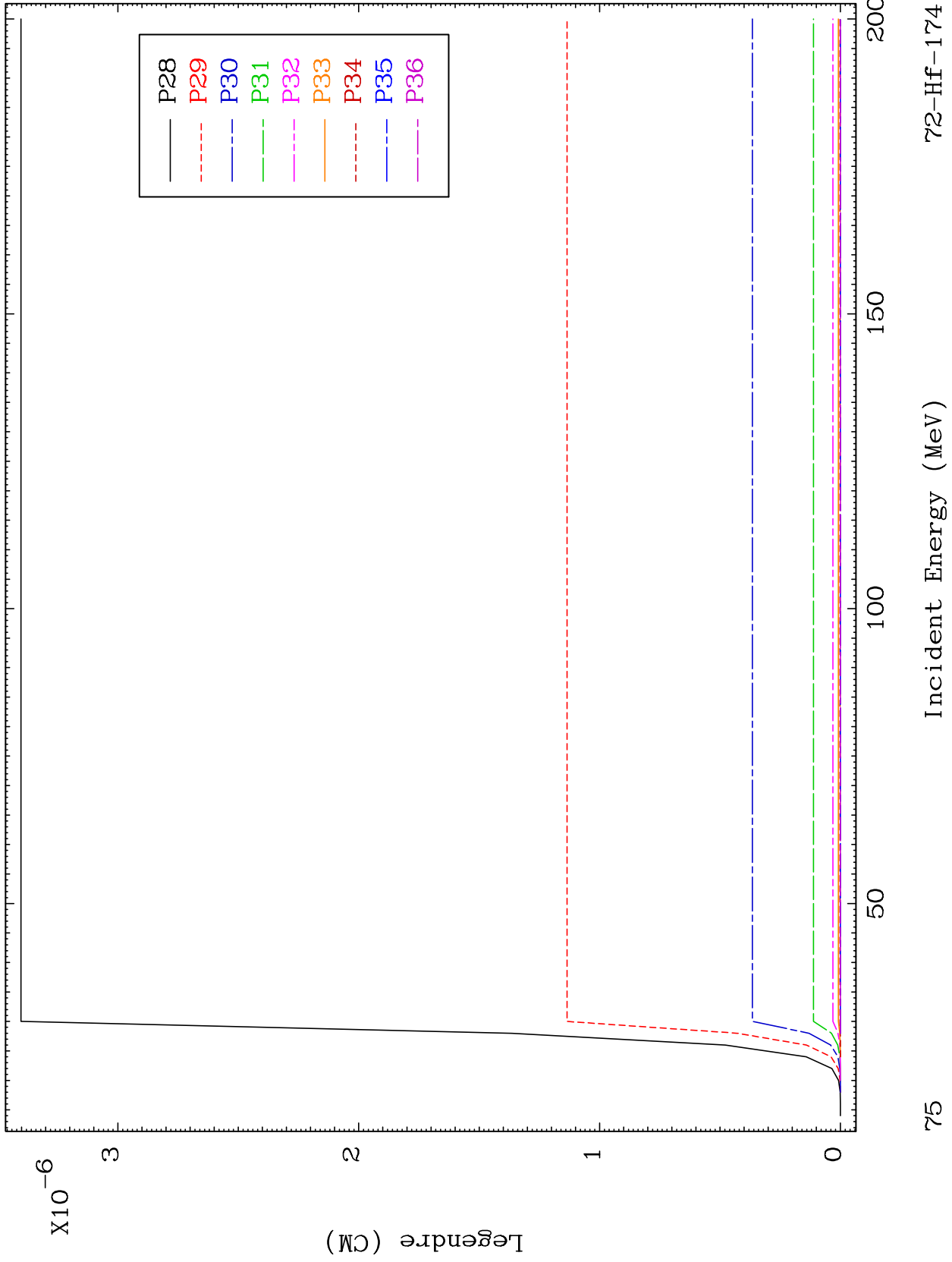
Incident Energy (MeV)

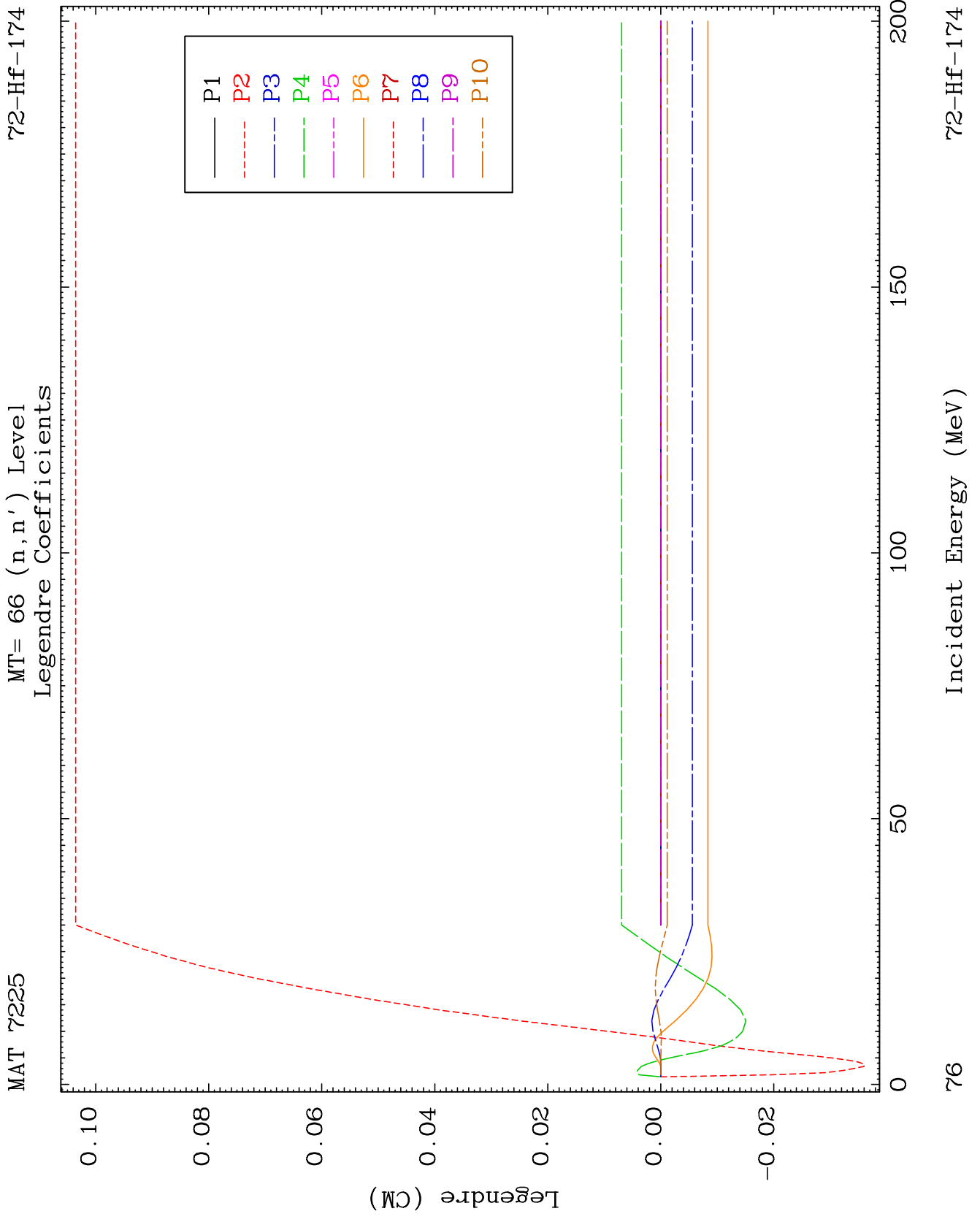
72-Hf-174

MAT 7225

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

72-Hf-174

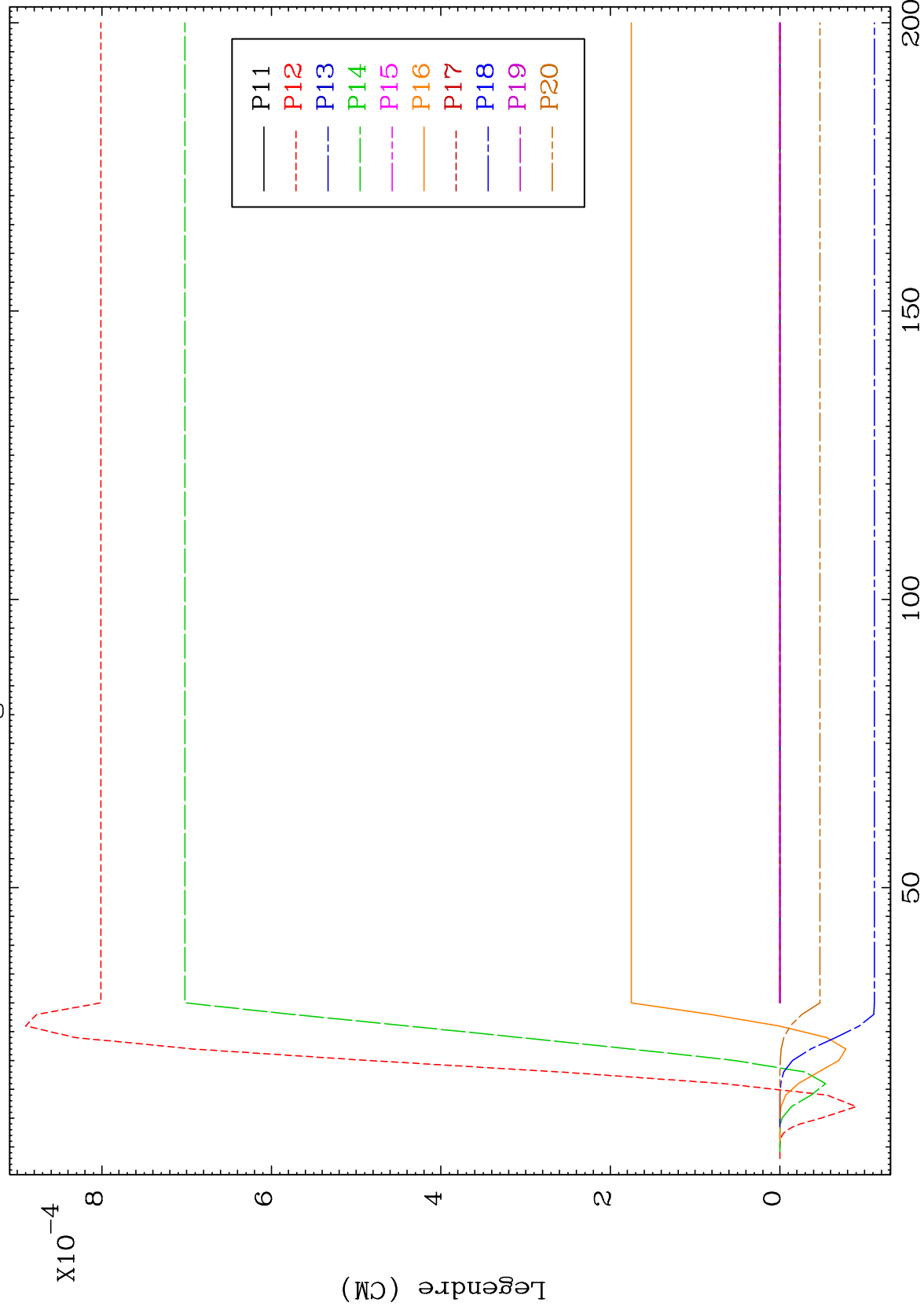




MAT 7225

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

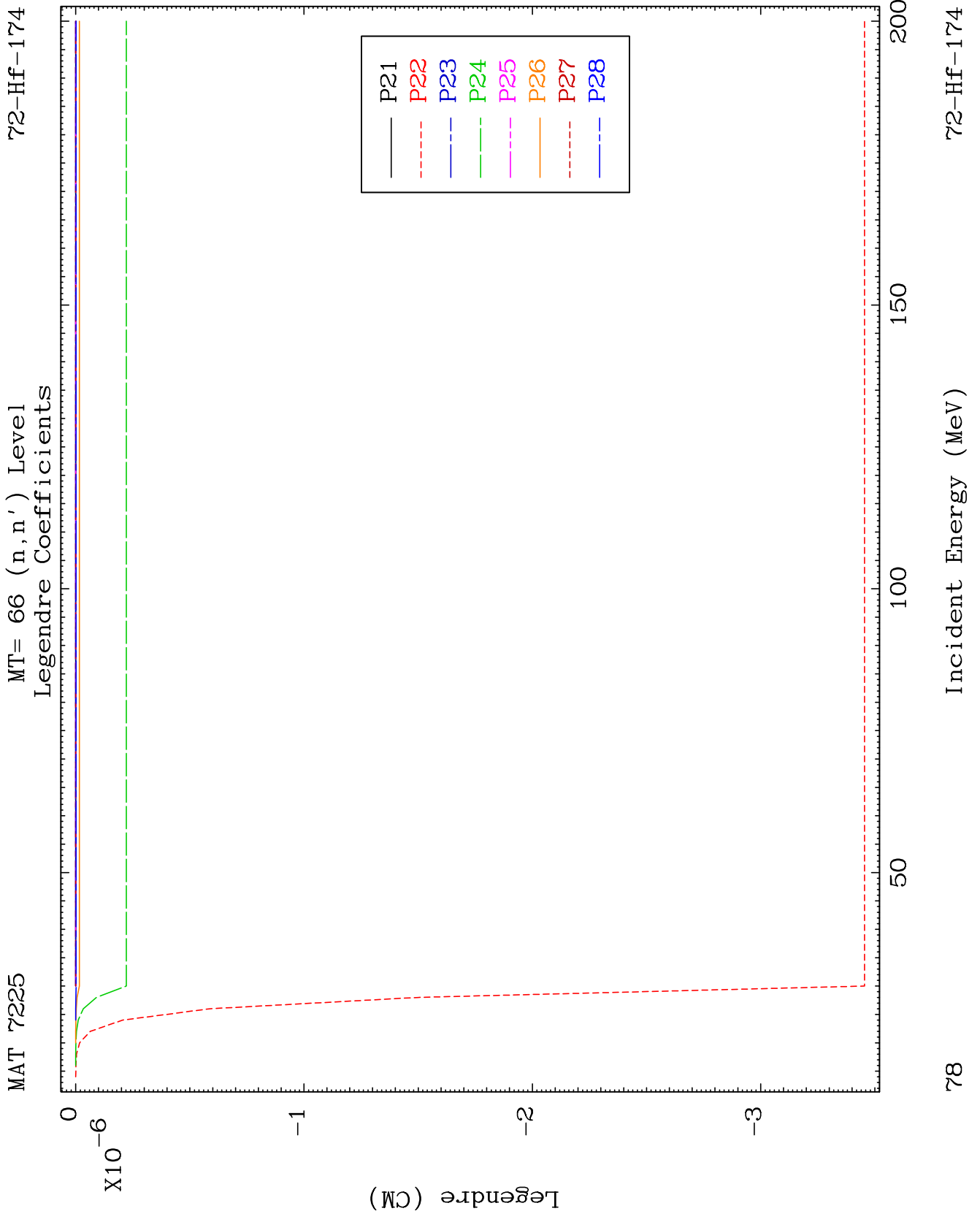
72-Hf-174



77

Incident Energy (MeV)

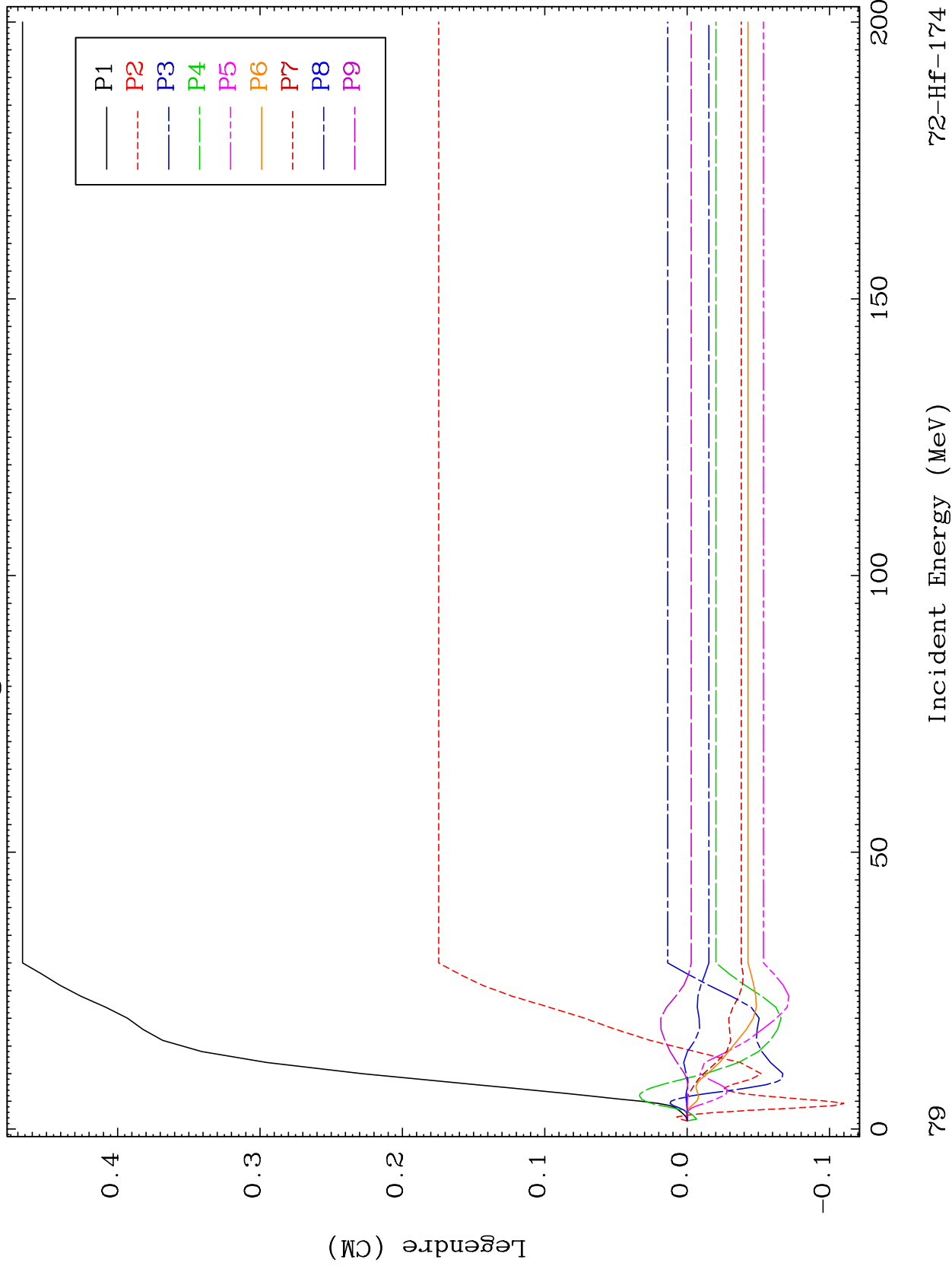
72-Hf-174



MAT 7225

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

72-Hf-174



72-Hf-174

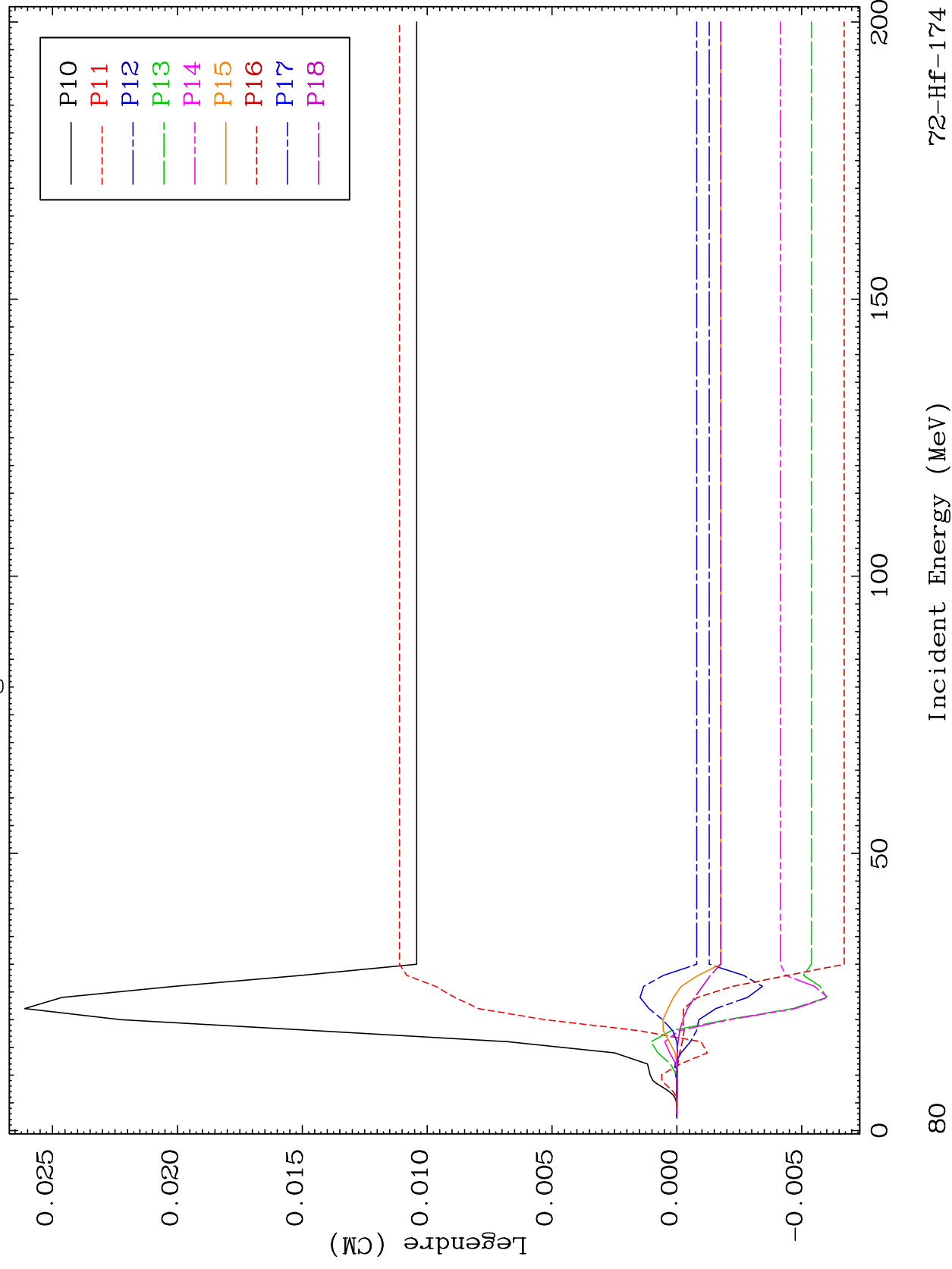
Incident Energy (MeV)

79

MAT 7225

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

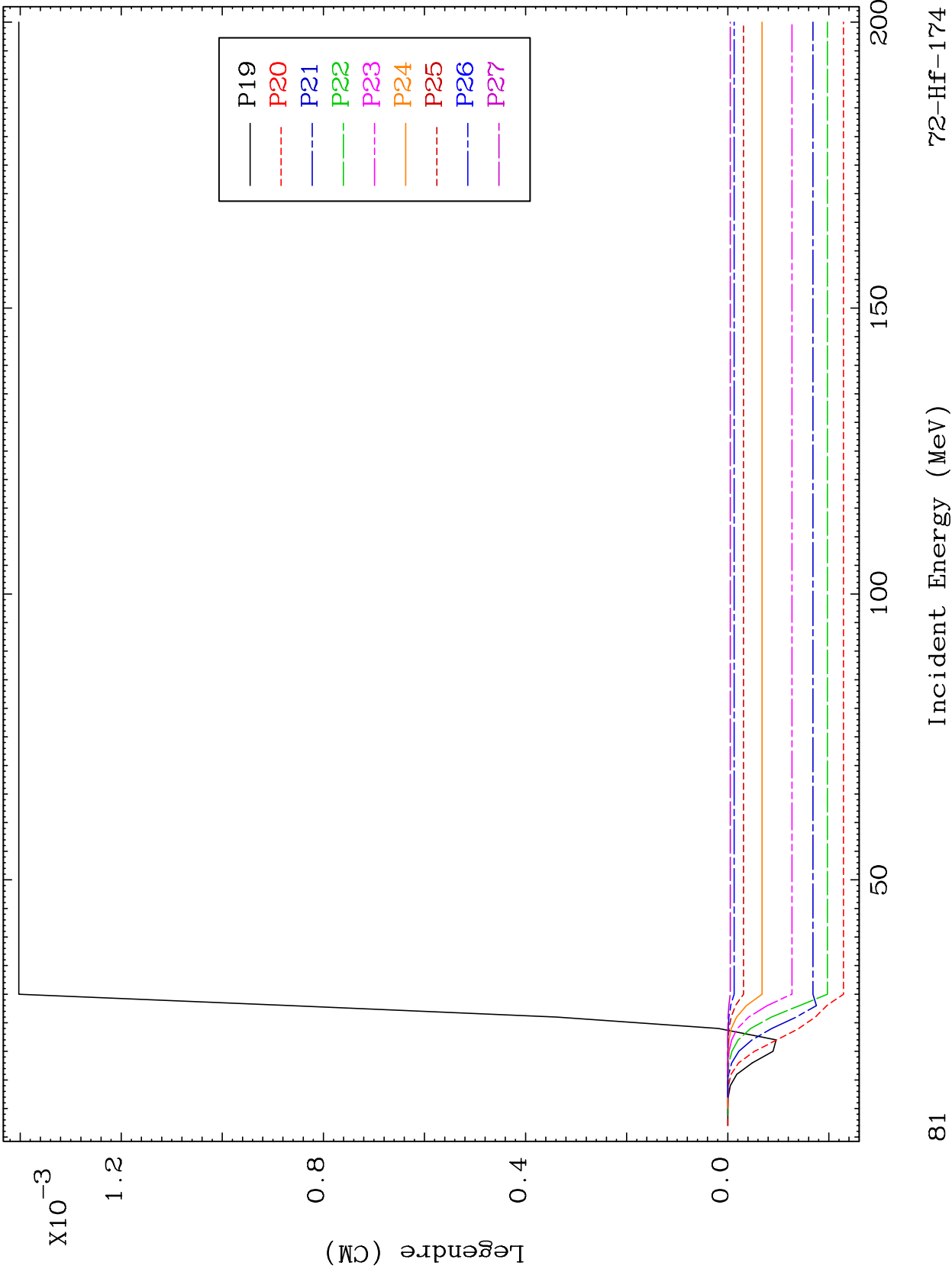
72-Hf-174



72-Hf-174

Incident Energy (MeV)

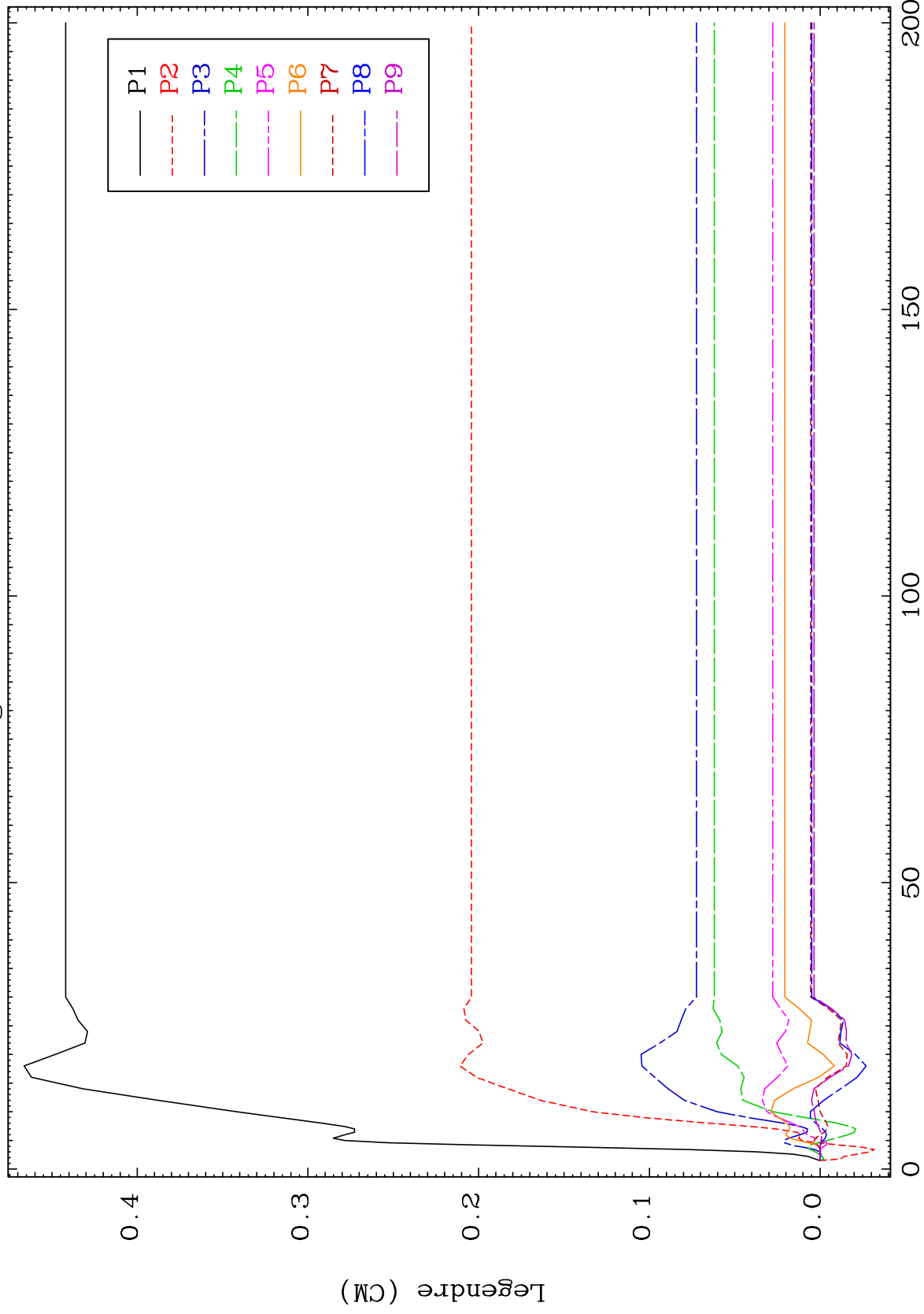
80



MAT 7225

MT= 68 (n,n') Level
Legendre Coefficients

72-Hf-174



83

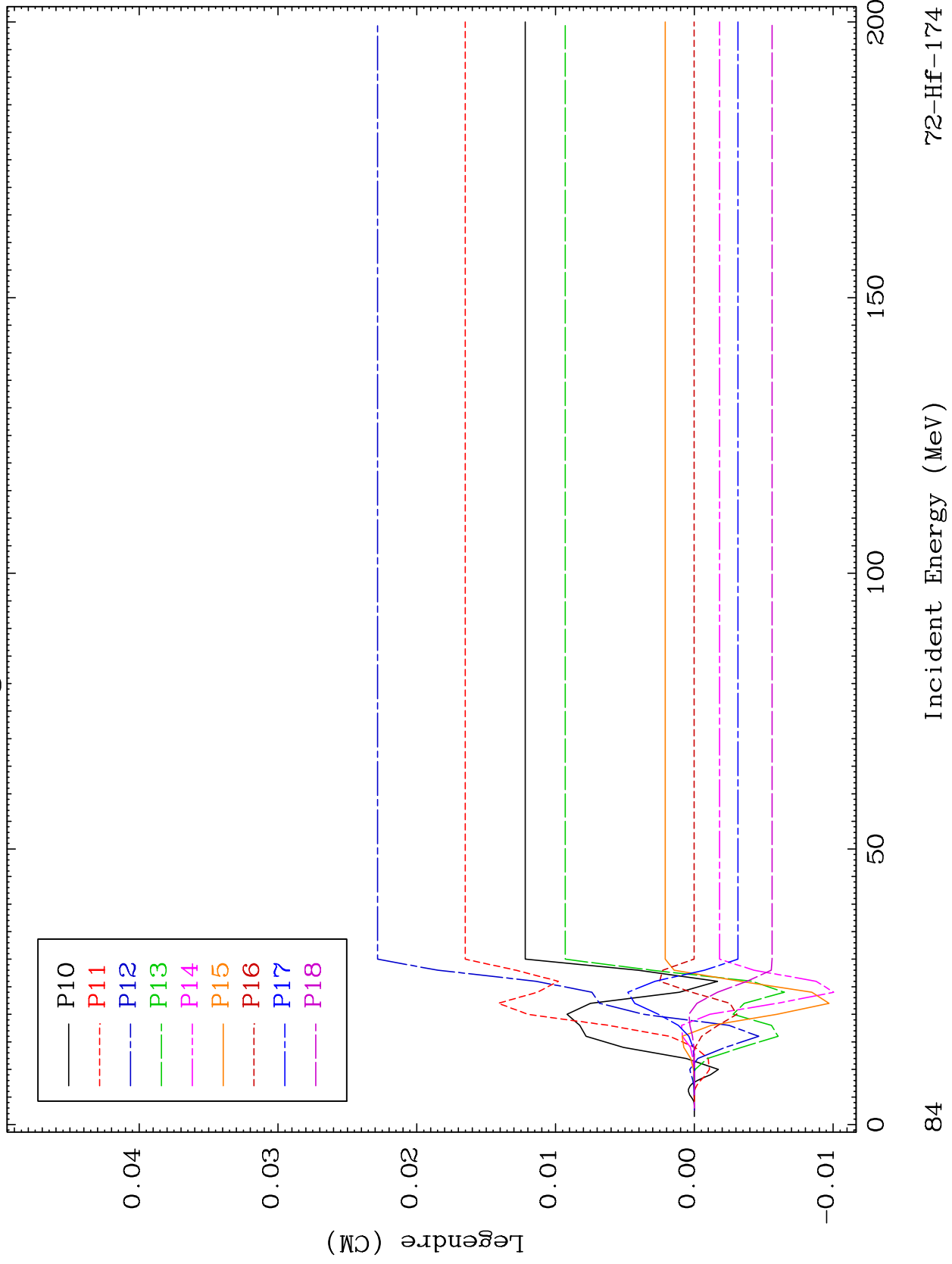
Incident Energy (MeV)

72-Hf-174

MAT 7225

MT= 68 (n,n') Level
Legendre Coefficients

72-Hf-174



84

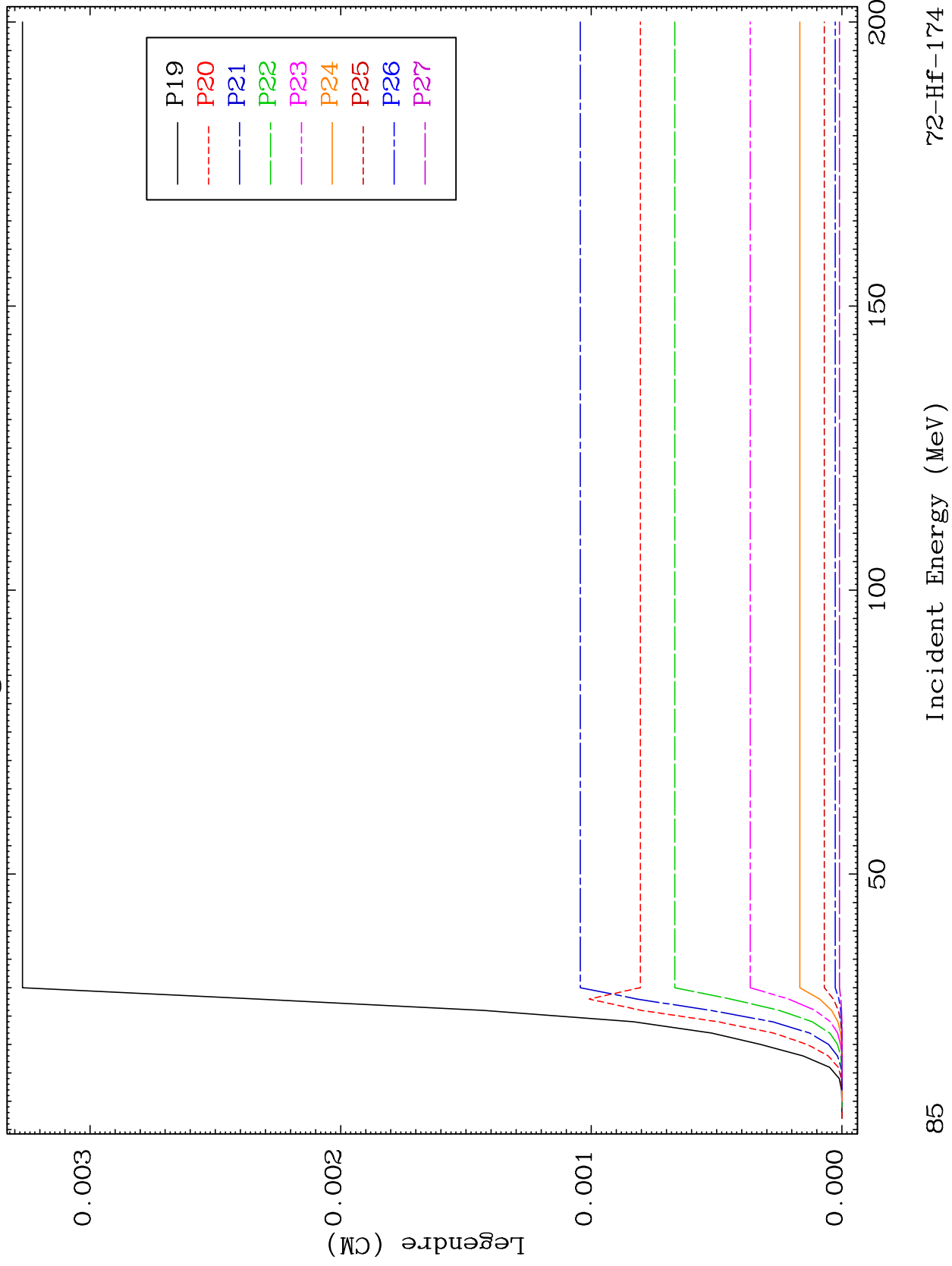
Incident Energy (MeV)

72-Hf-174

MAT 7225

MT= 68 (n,n') Level
Legendre Coefficients

72-Hf-174



85

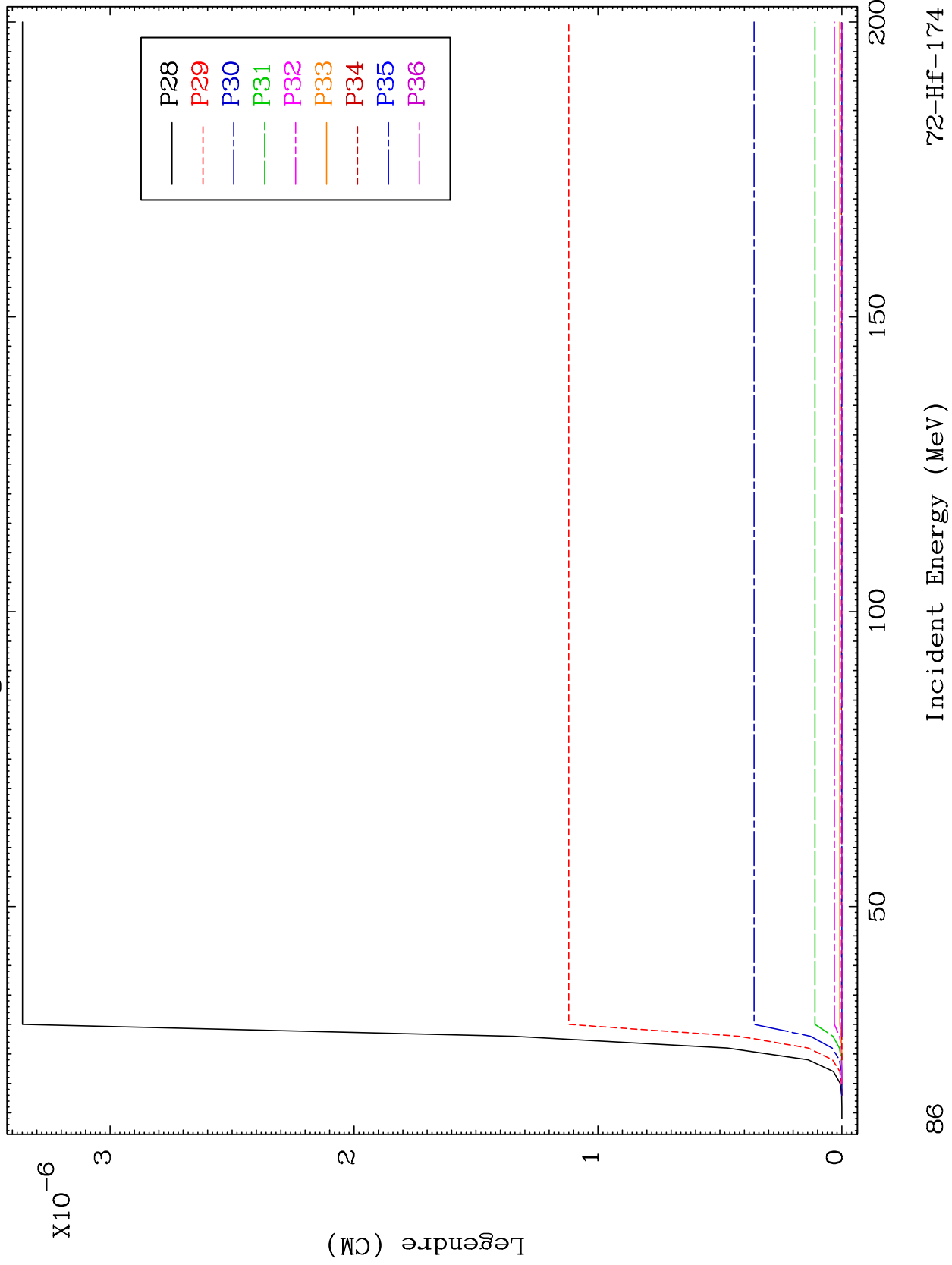
Incident Energy (MeV)

72-Hf-174

MAT 7225

MT= 68 (n,n') Level
Legendre Coefficients

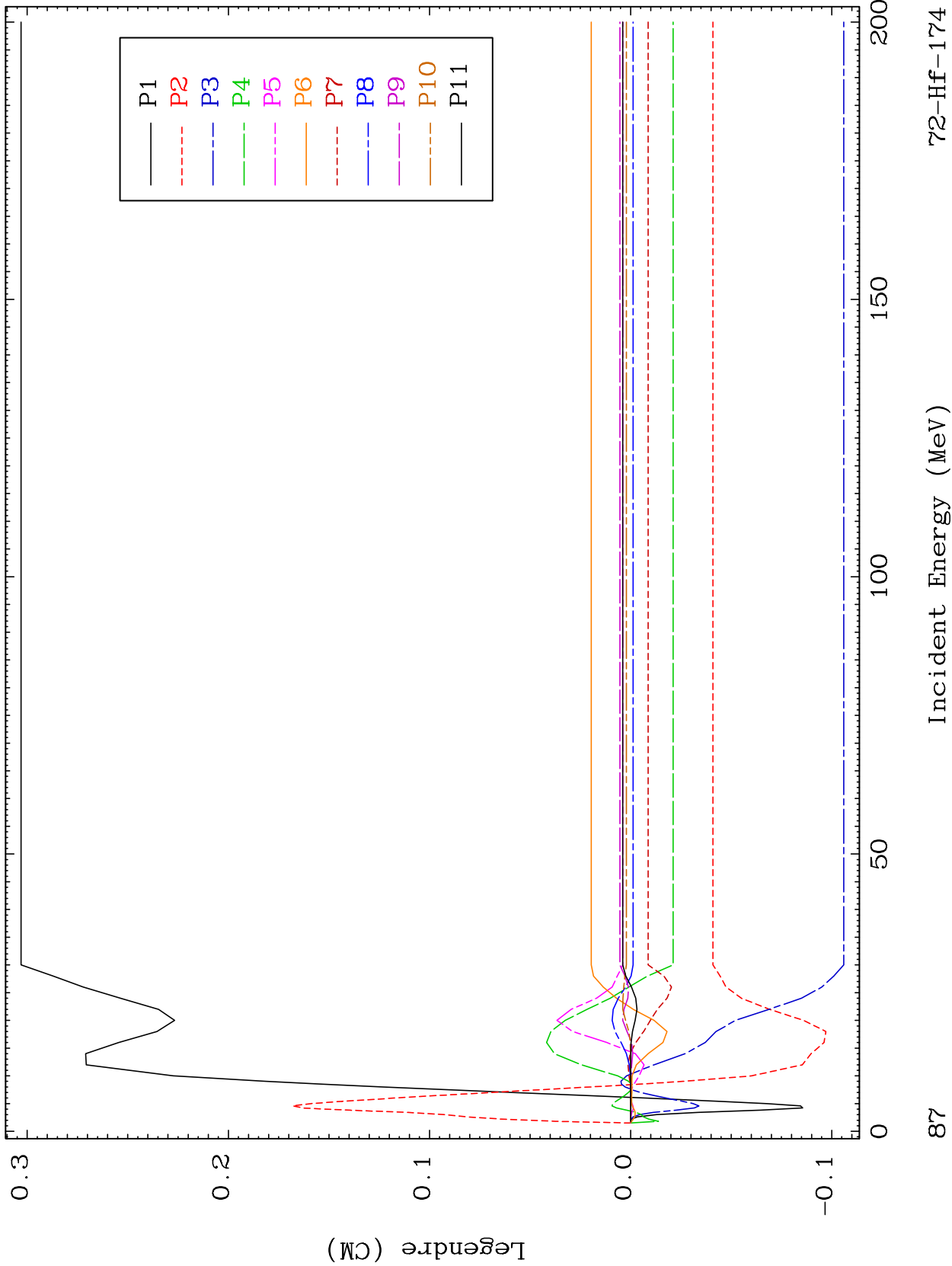
72-Hf-174



MAT 7225

MT= 69 (n,n') Level
Legendre Coefficients

72-Hf-174



72-Hf-174

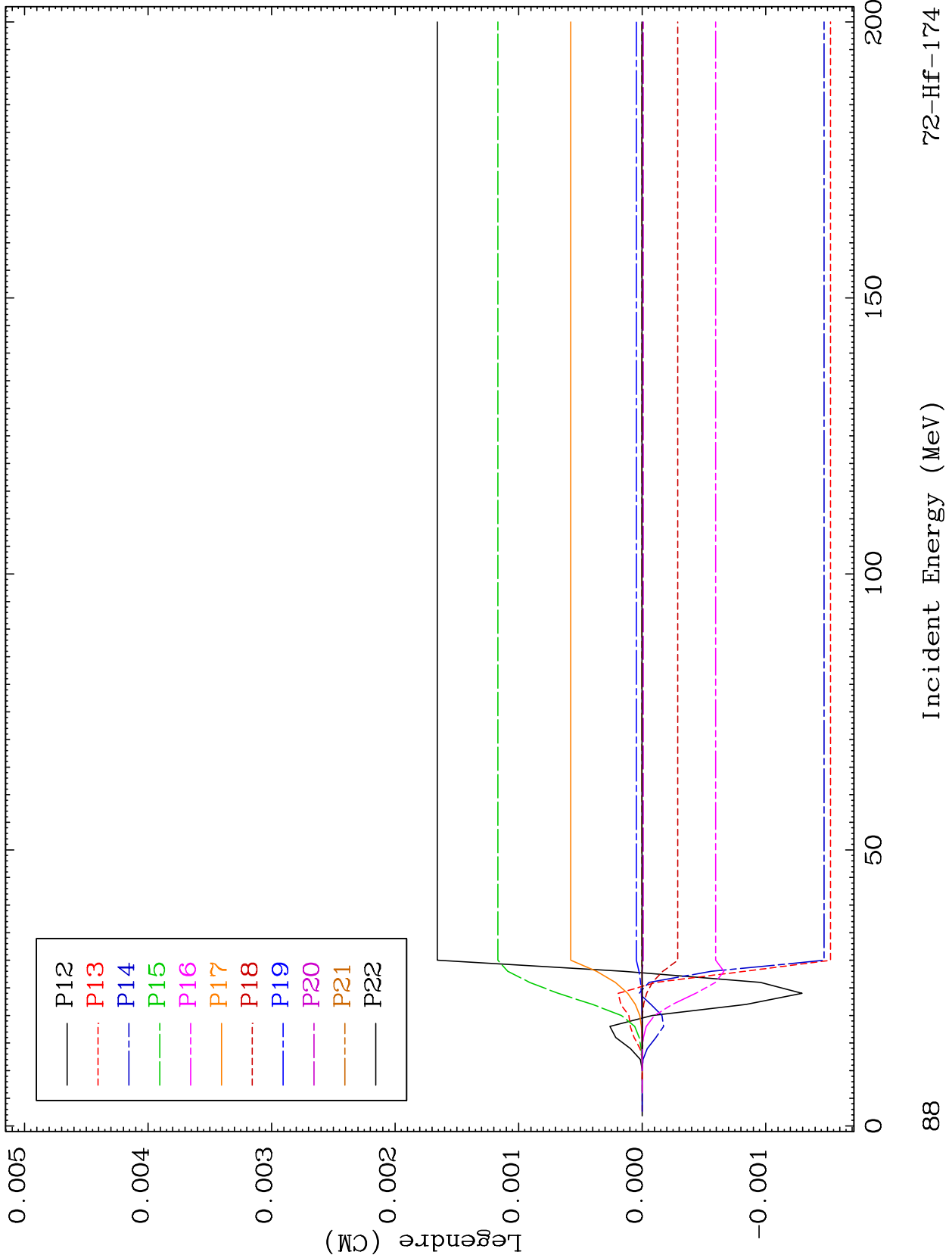
Incident Energy (MeV)

87

MAT 7225

MT= 69 (n,n') Level
Legendre Coefficients

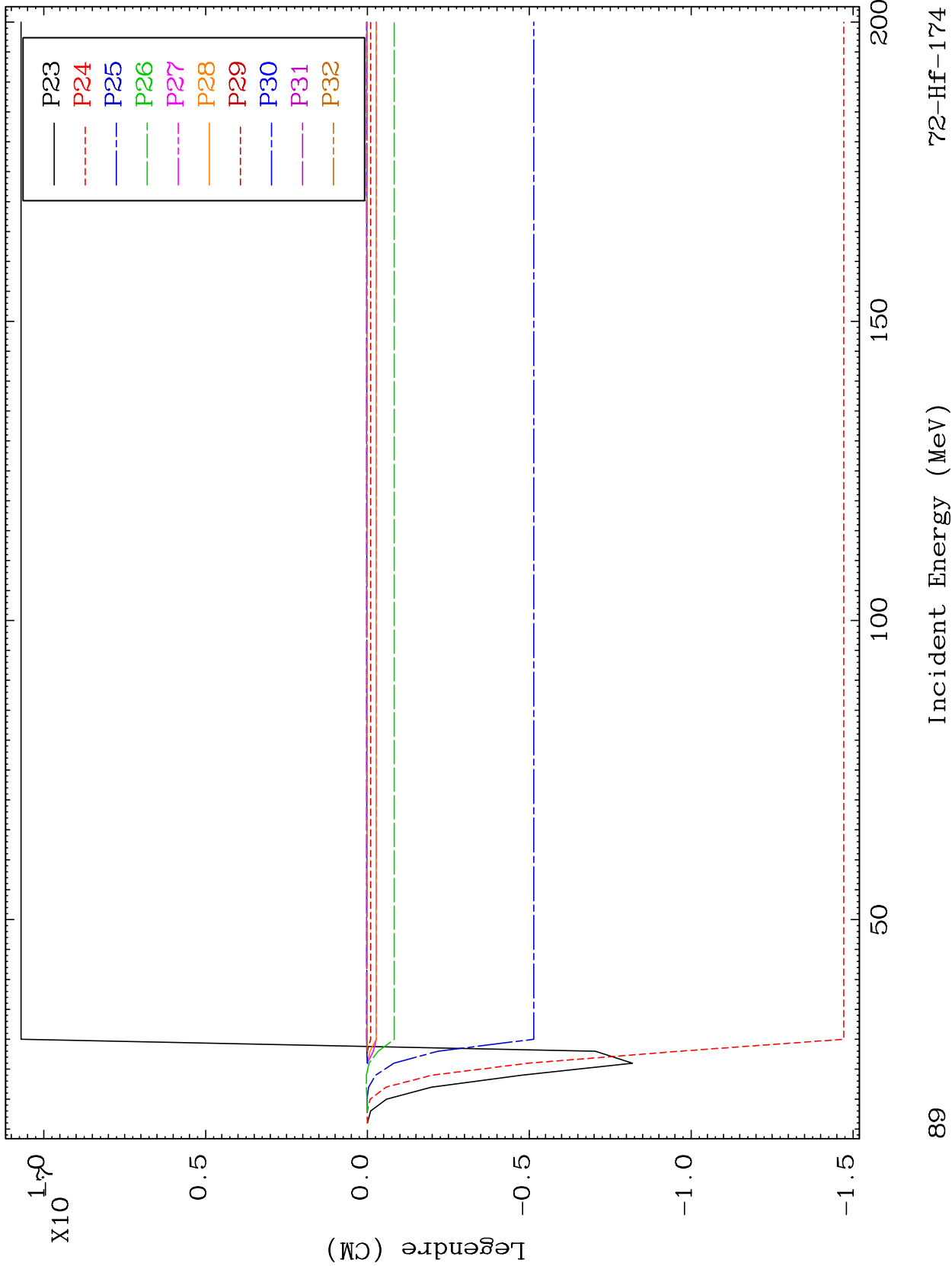
72-Hf-174



88

Incident Energy (MeV)

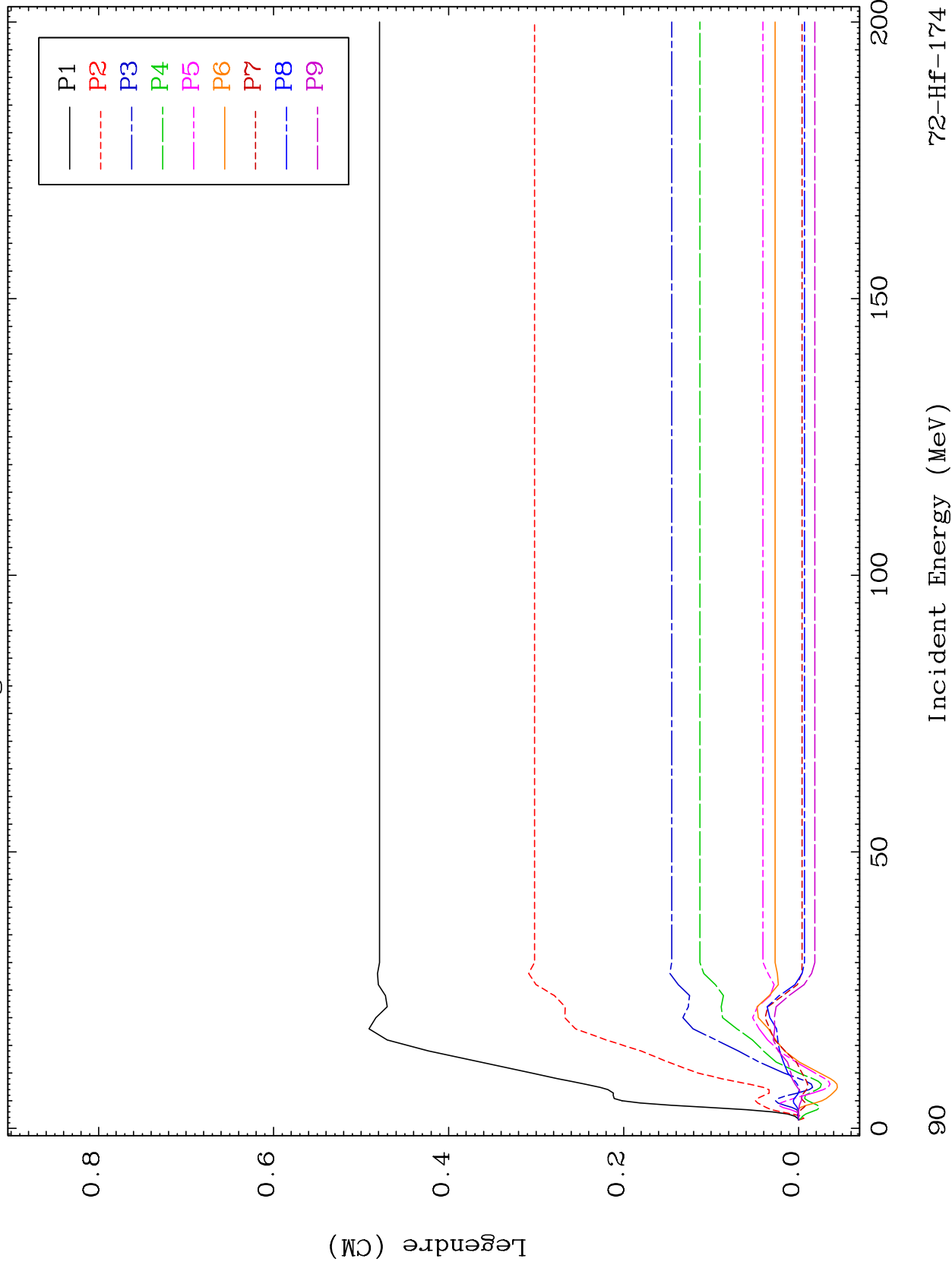
72-Hf-174



MAT 7225

MT= 70 (n,n') Level
Legendre Coefficients

72-Hf-174

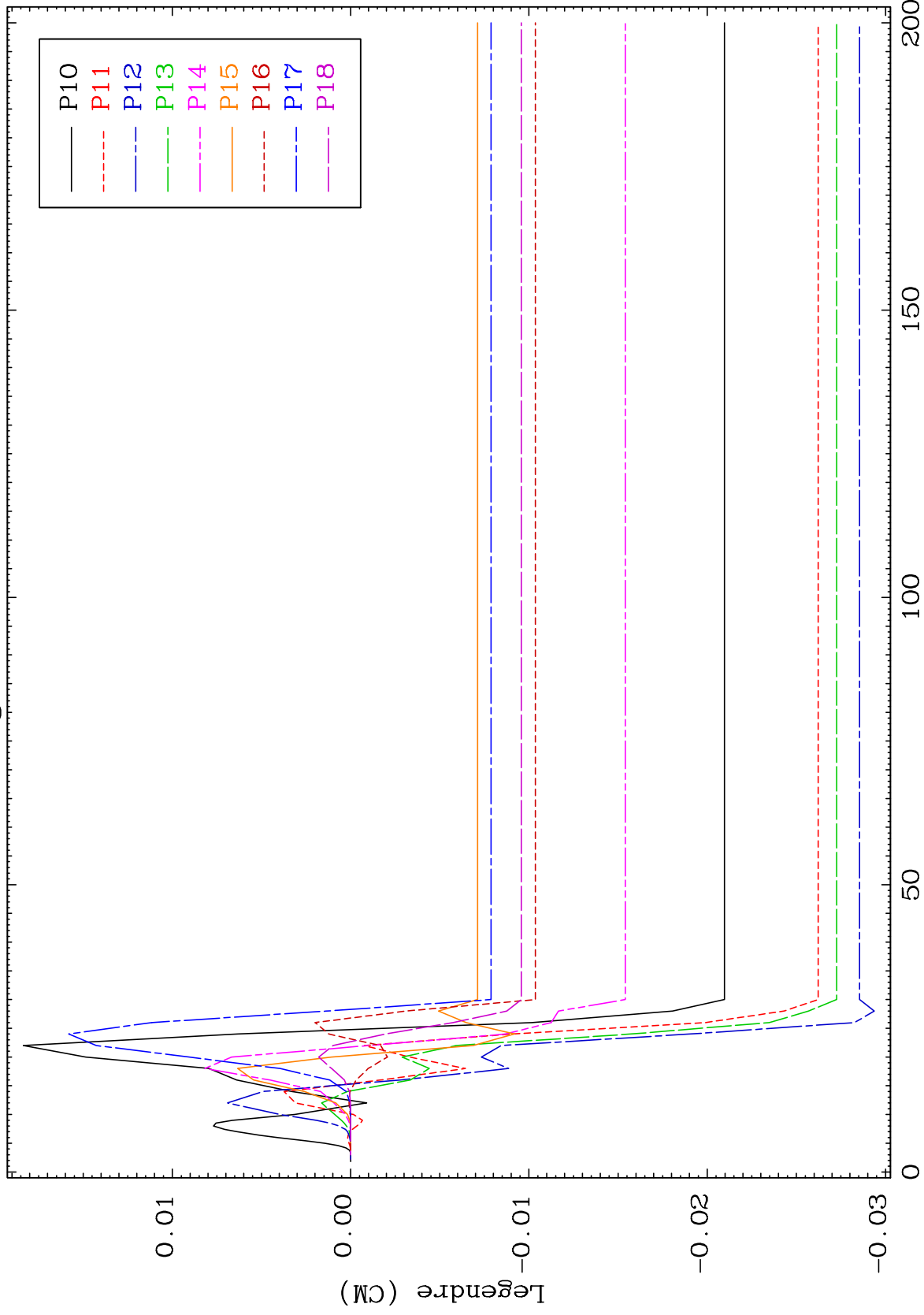


72-Hf-174

MAT 7225

MT= 70 (n,n') Level
Legendre Coefficients

72-Hf-174



91

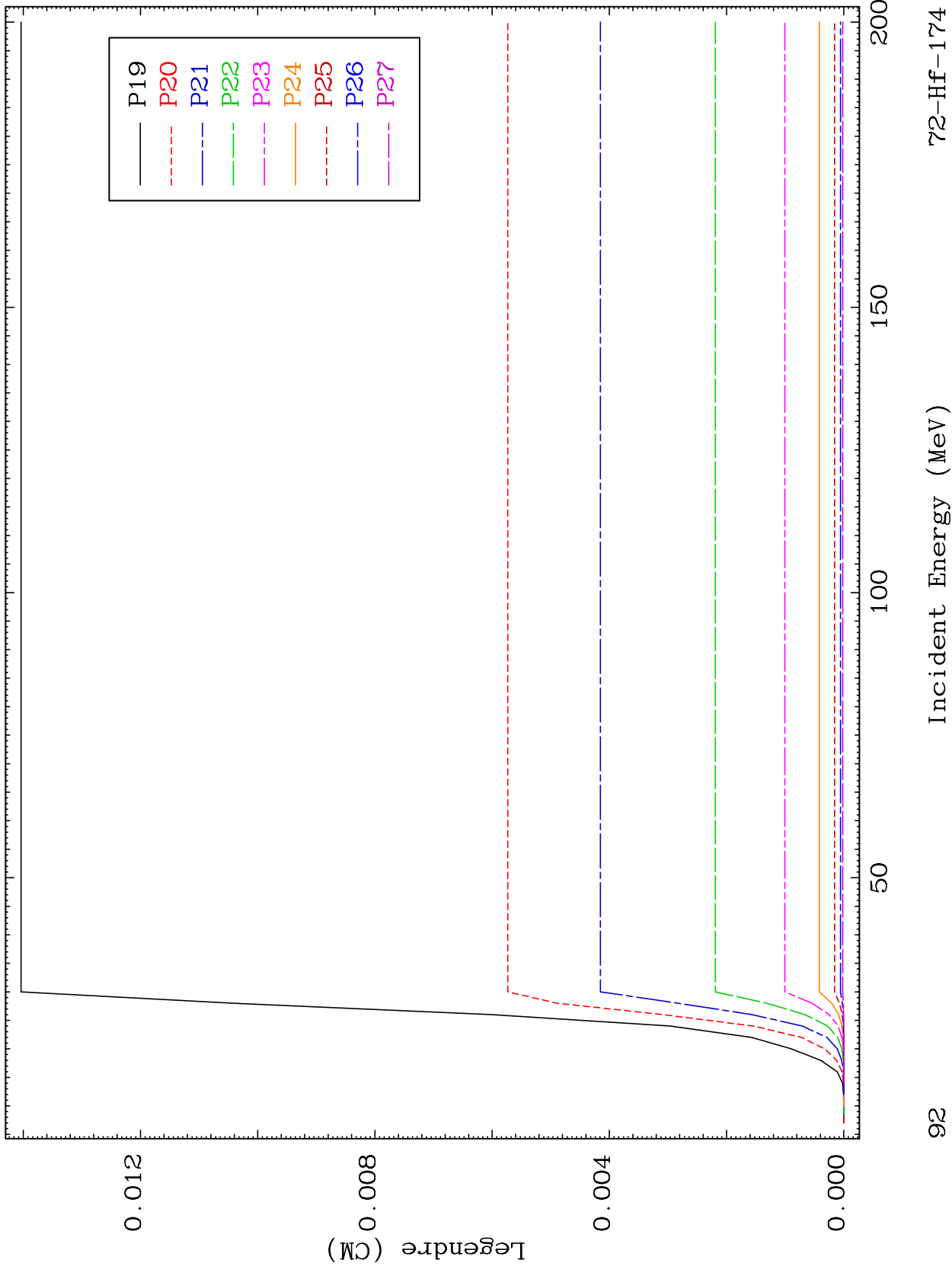
Incident Energy (MeV)

72-Hf-174

MAT 7225

MT= 70 (n,n') Level
Legendre Coefficients

72-Hf-174



92

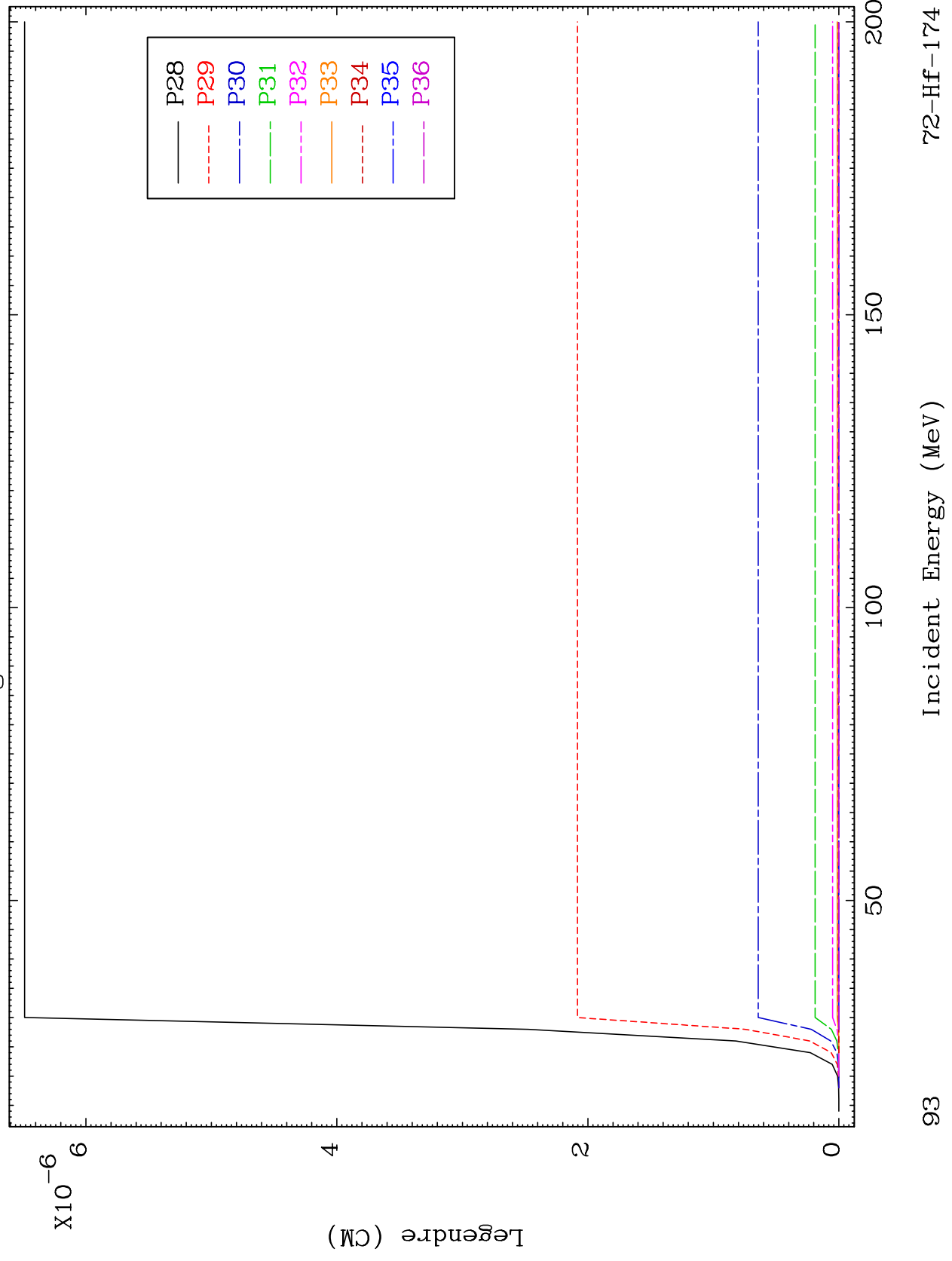
Incident Energy (MeV)

72-Hf-174

MAT 7225

MT= 70 (n,n') Level
Legendre Coefficients

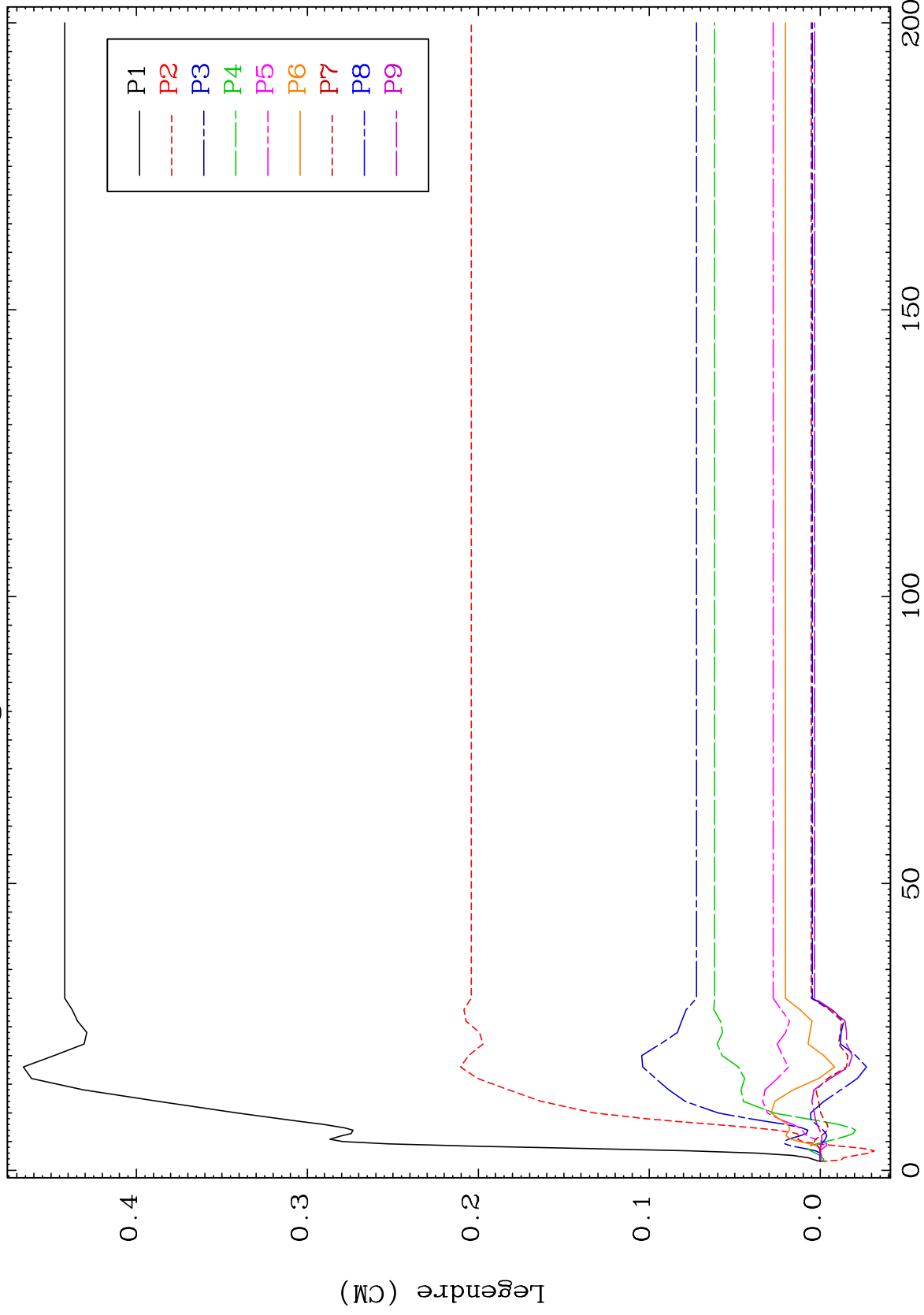
72-Hf-174



MAT 7225

MT= 71 (n,n') Level
Legendre Coefficients

72-Hf-174



94

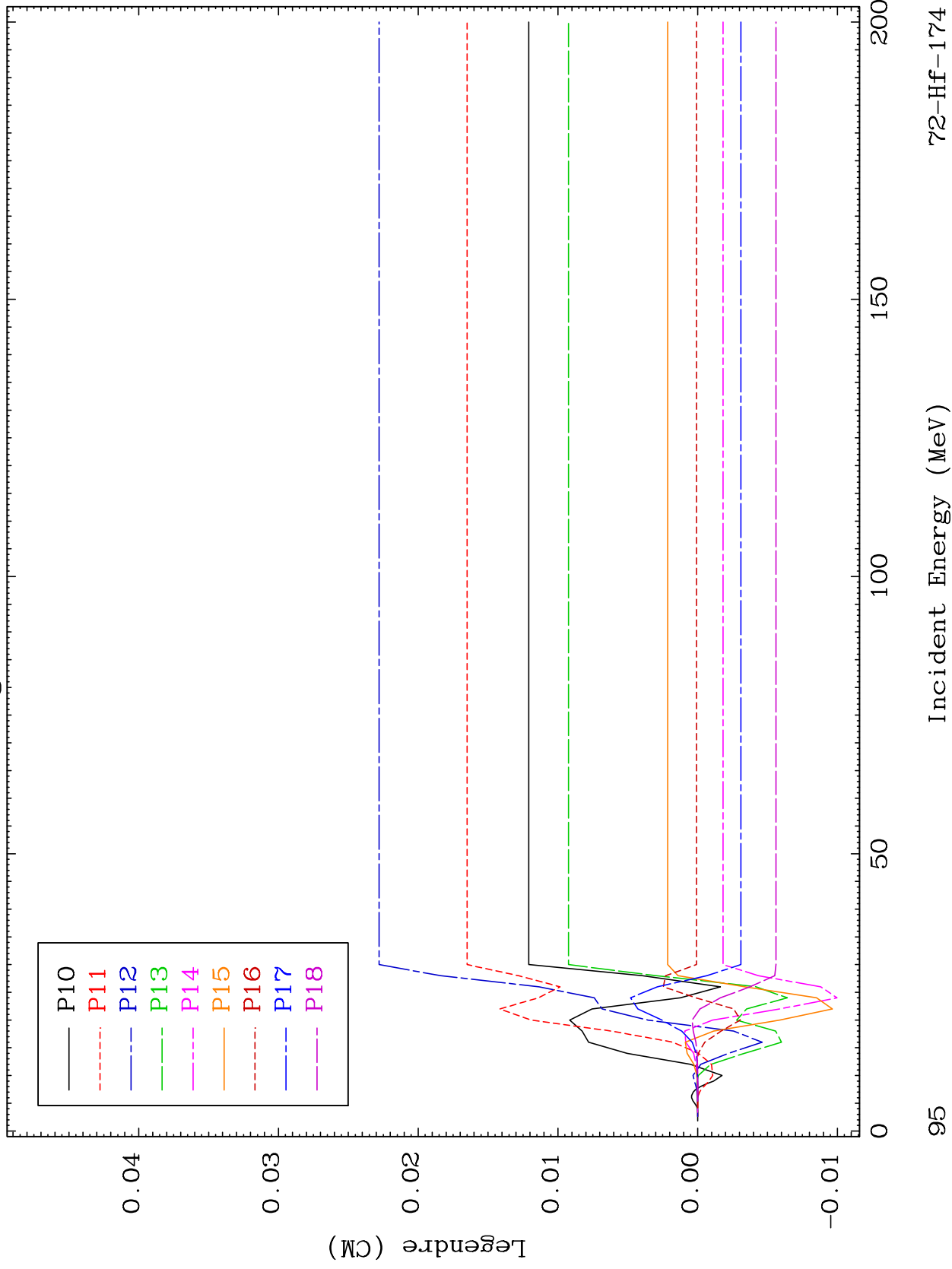
Incident Energy (MeV)

72-Hf-174

MAT 7225

MT= 71 (n,n') Level
Legendre Coefficients

72-Hf-174



72-Hf-174

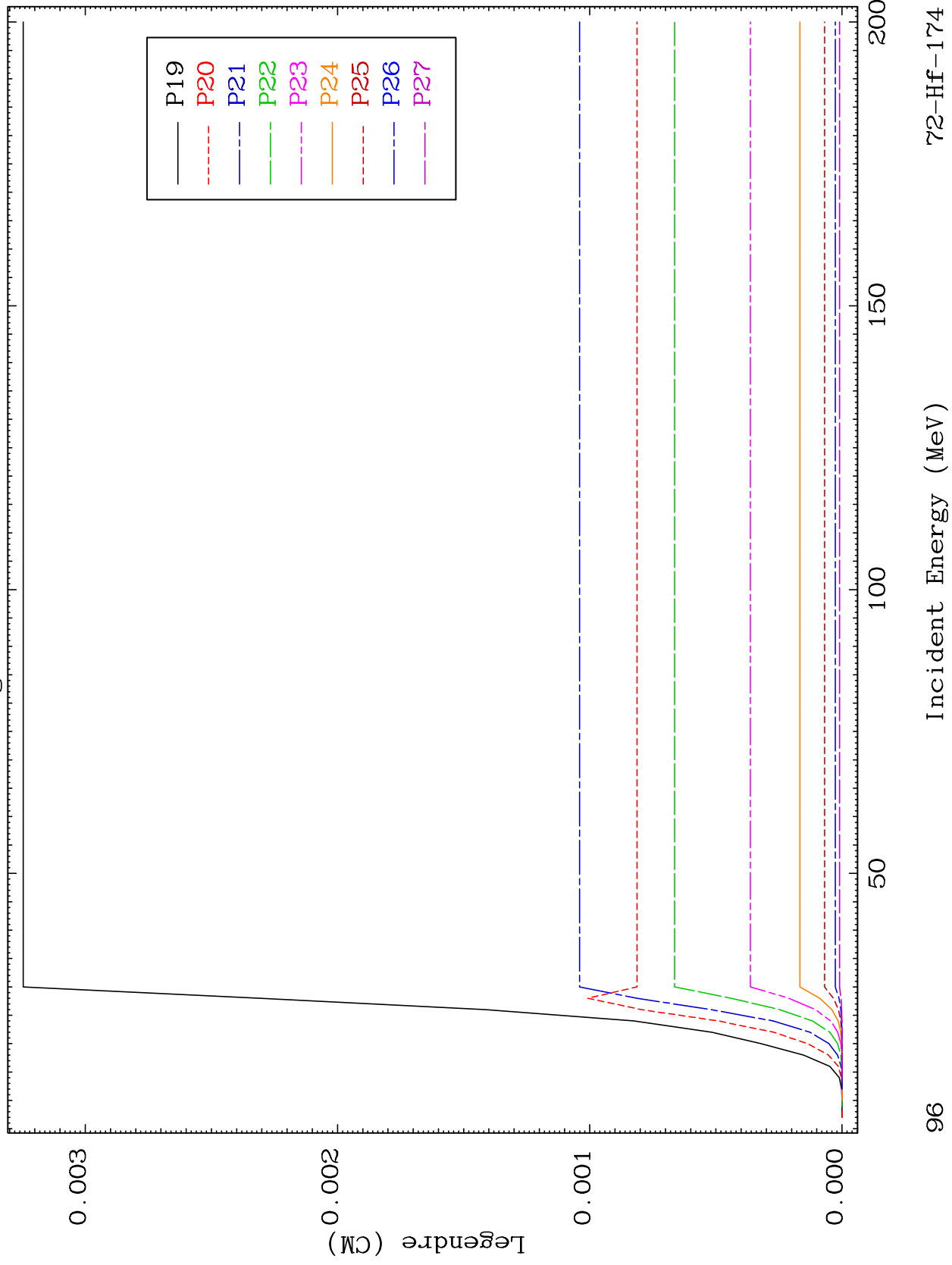
Incident Energy (MeV)

95

MAT 7225

MT= 71 (n,n') Level
Legendre Coefficients

72-Hf-174



96

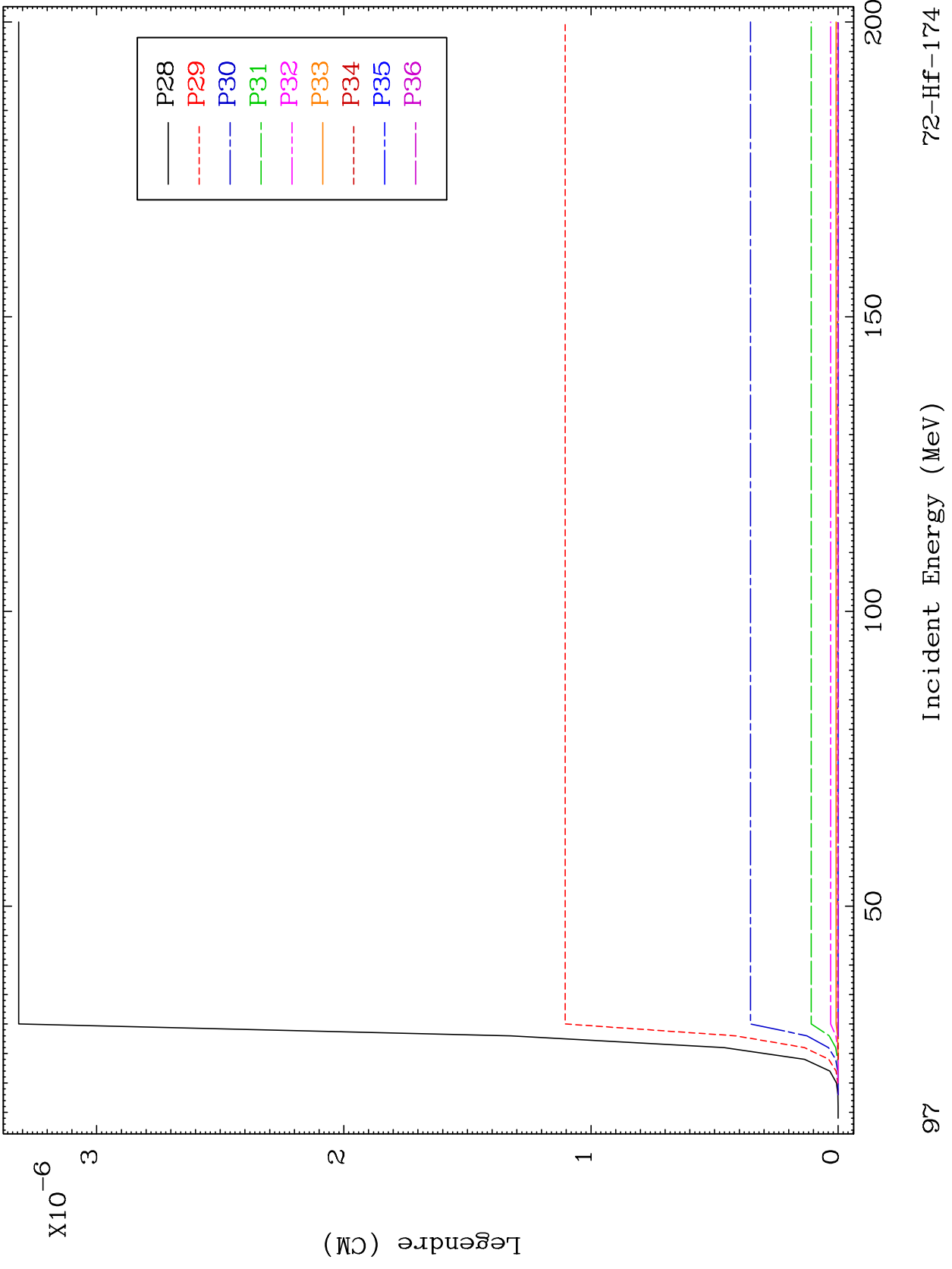
Incident Energy (MeV)

72-Hf-174

MAT 7225

MT= 71 (n,n') Level
Legendre Coefficients

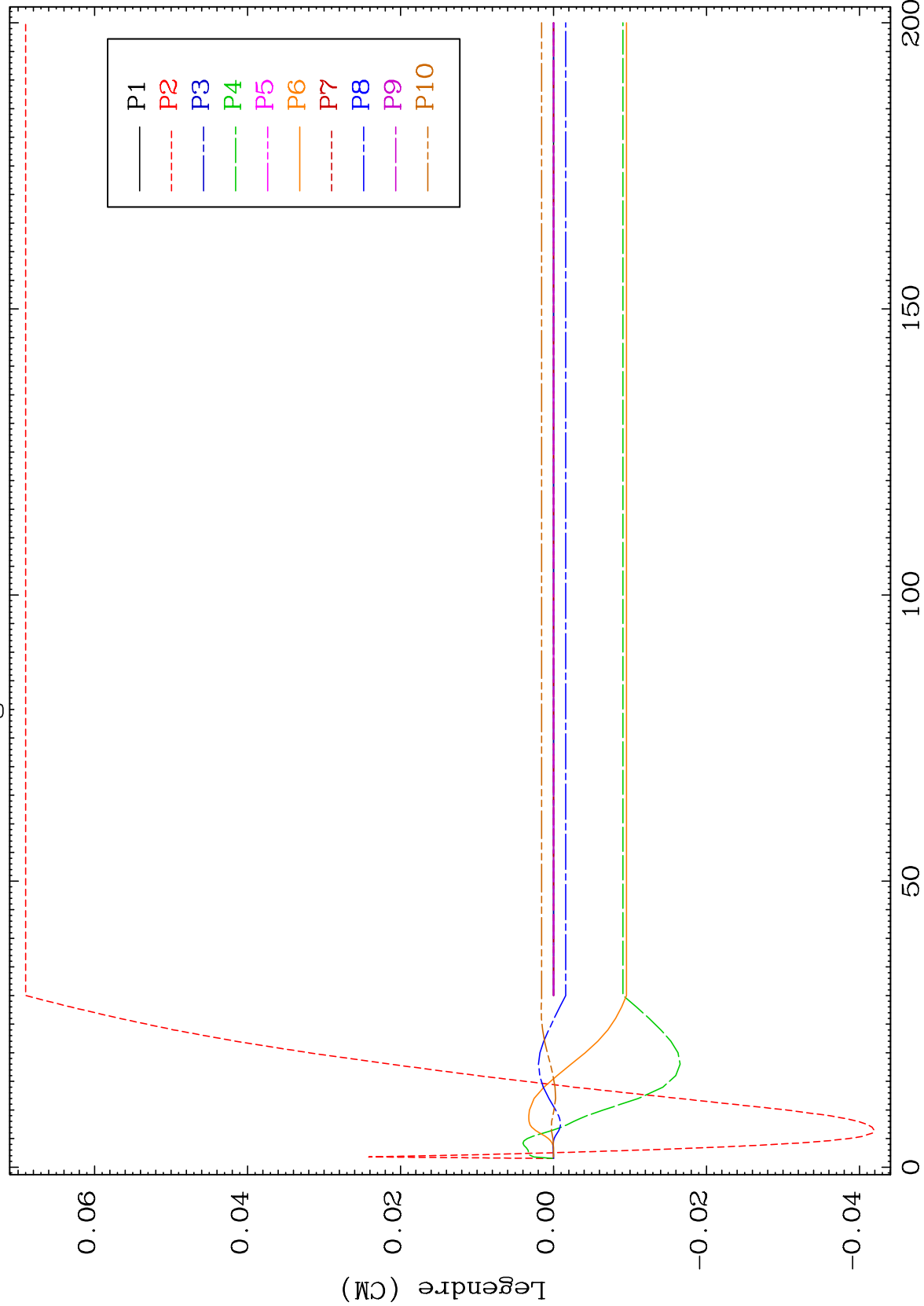
72-Hf-174



MAT 7225

MT= 72 (n,n') Level
Legendre Coefficients

72-Hf-174



98

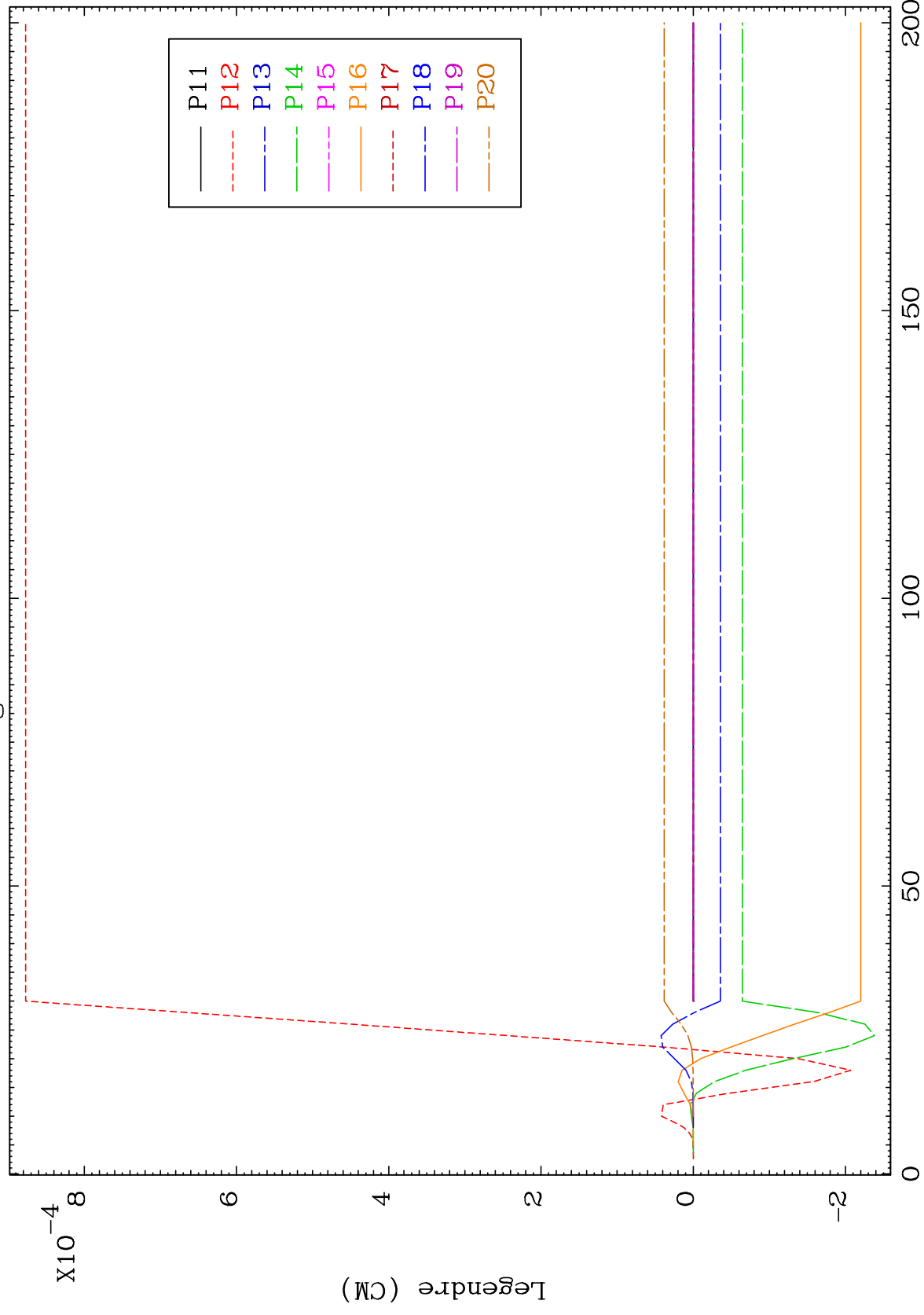
Incident Energy (MeV)

72-Hf-174

MAT 7225

MT= 72 (n,n') Level
Legendre Coefficients

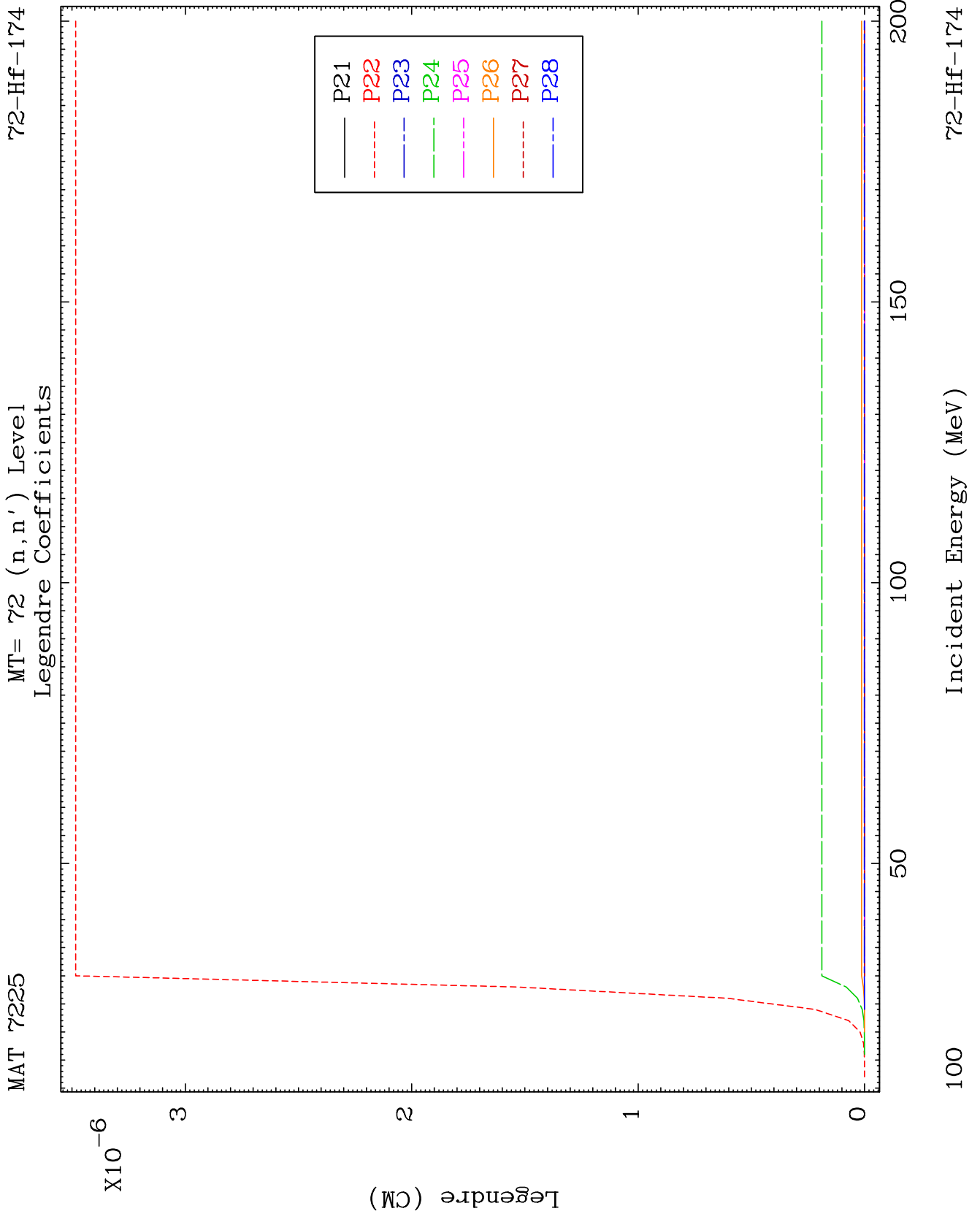
72-Hf-174



99

Incident Energy (MeV)

72-Hf-174

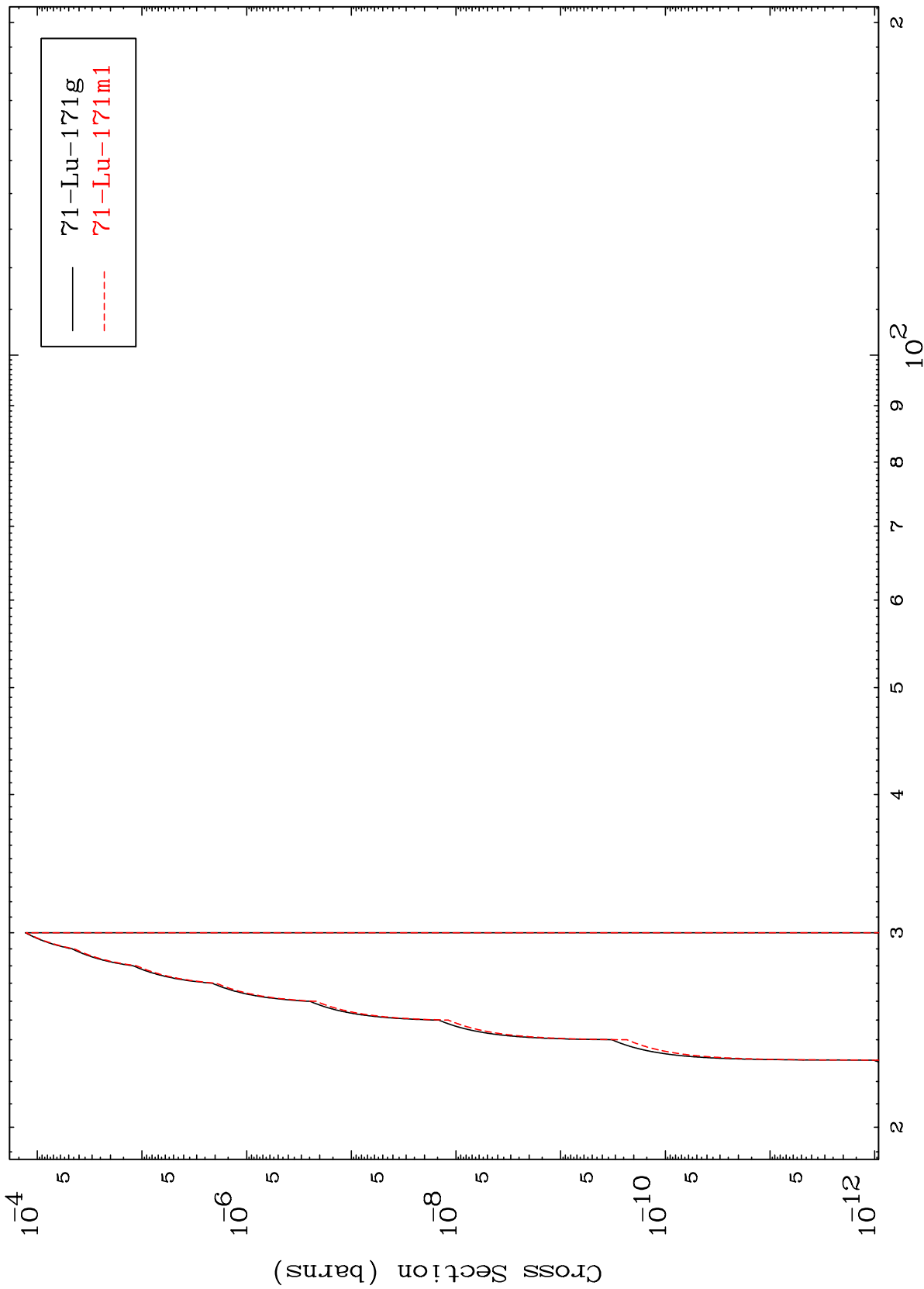


MAT 7225

(n,2n) d

72-Hf-174

Radionuclide Production Cross Section



101

Incident Energy (MeV)

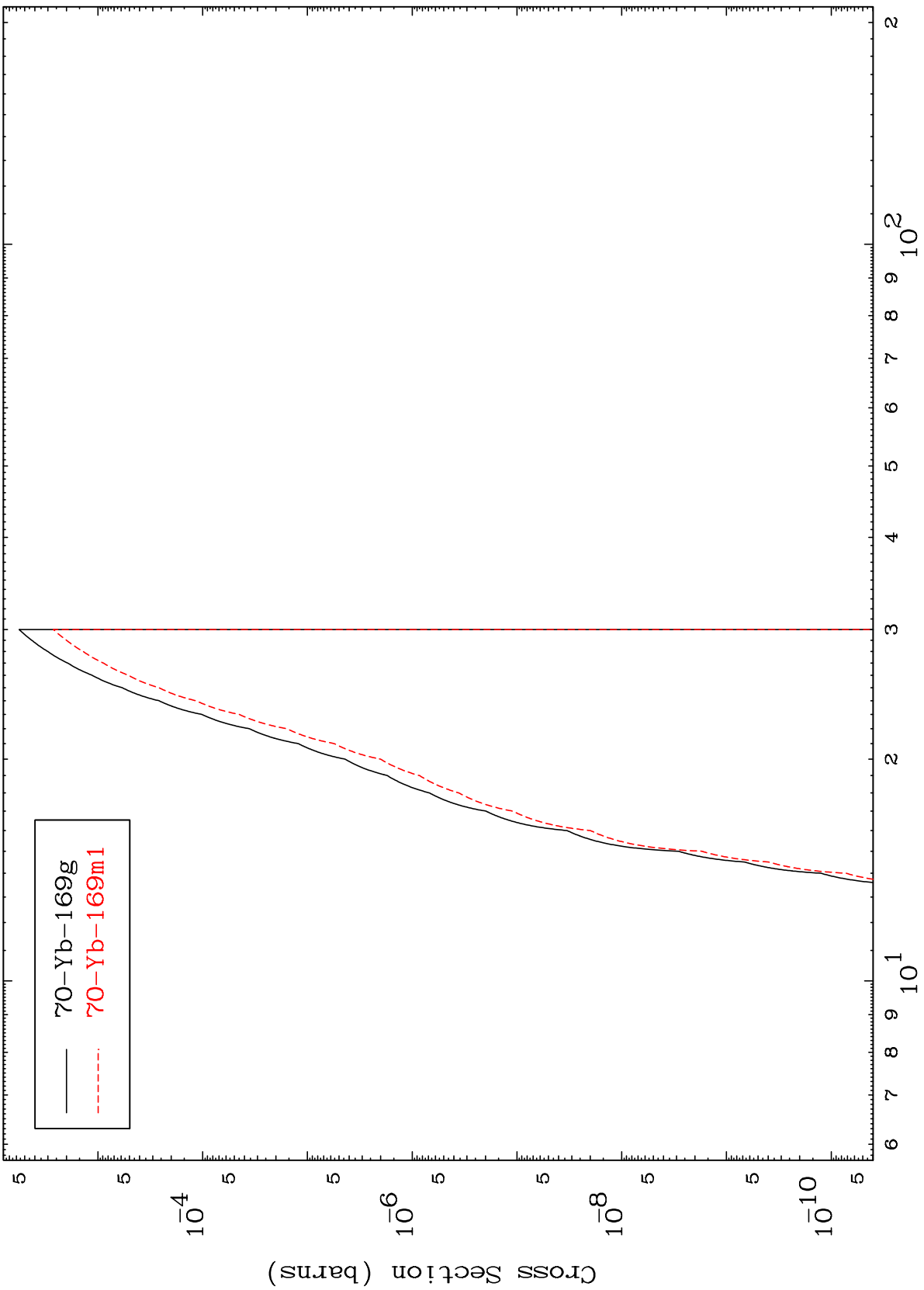
72-Hf-174

MAT 7225

$(n,2n) \alpha$

72-Hf-174

Radionuclide Production Cross Section



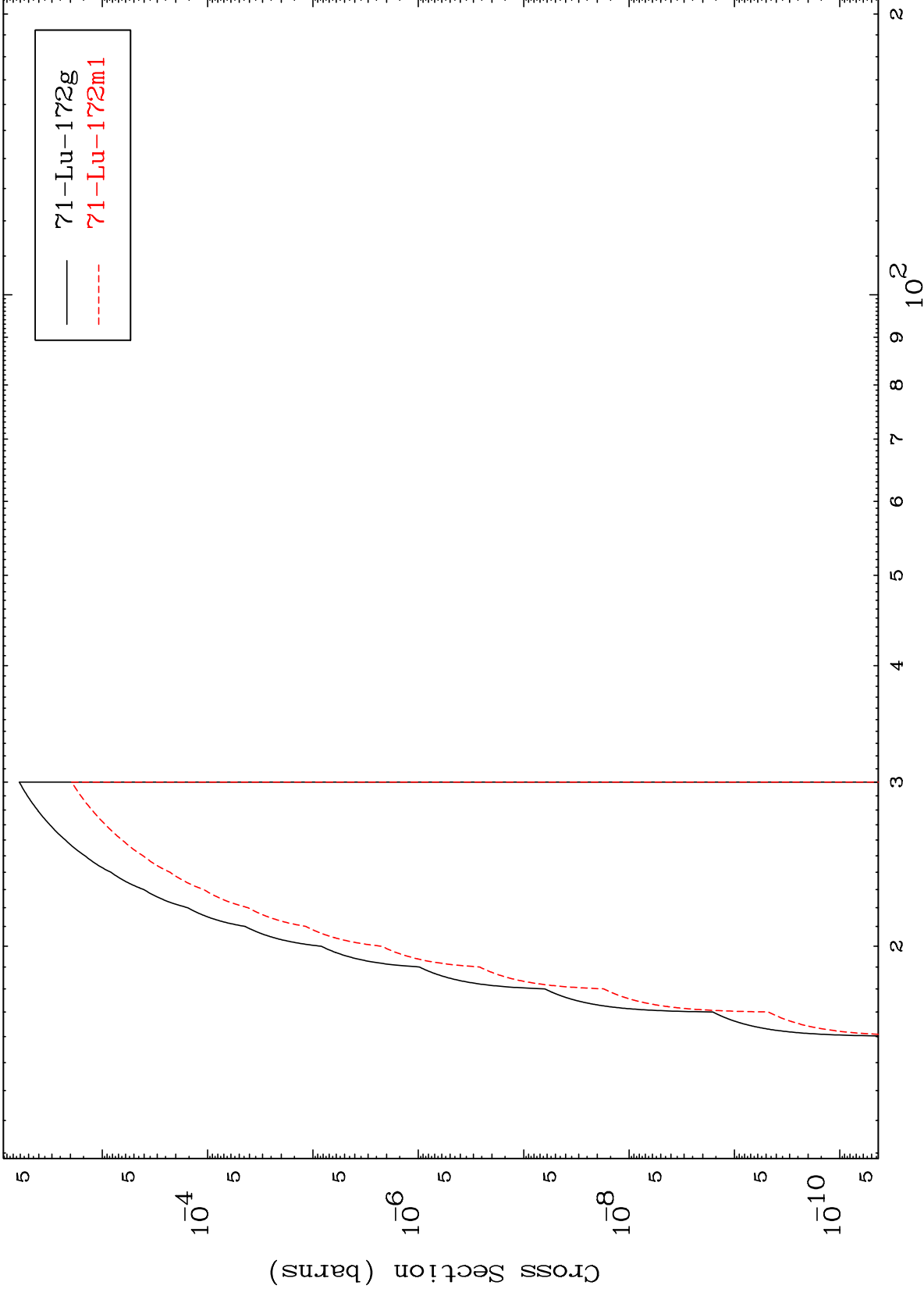
70-Yb-169g
70-Yb-169m1

102

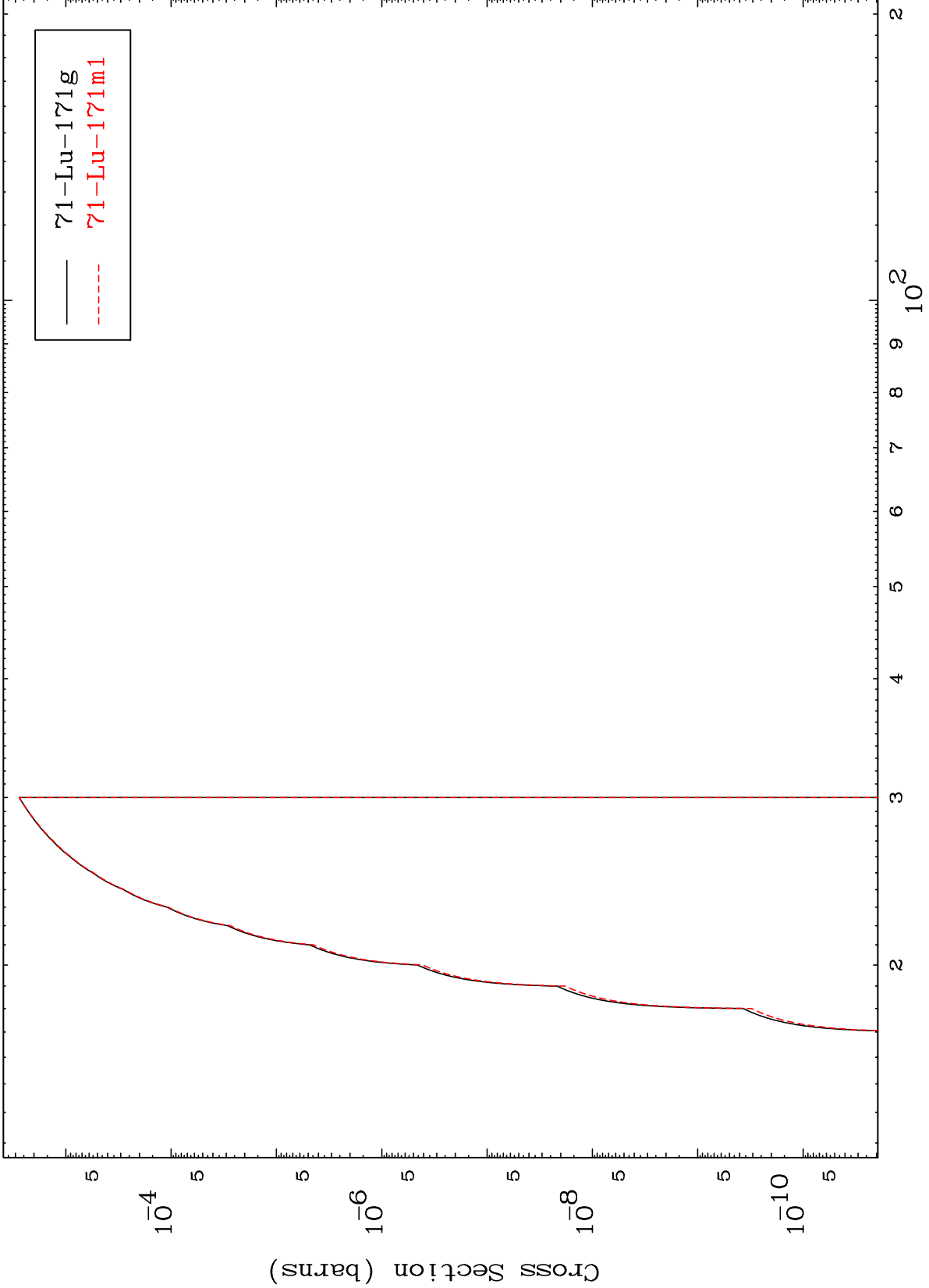
Incident Energy (MeV)

72-Hf-174

Radionuclide Production Cross Section



Radionuclide Production Cross Section

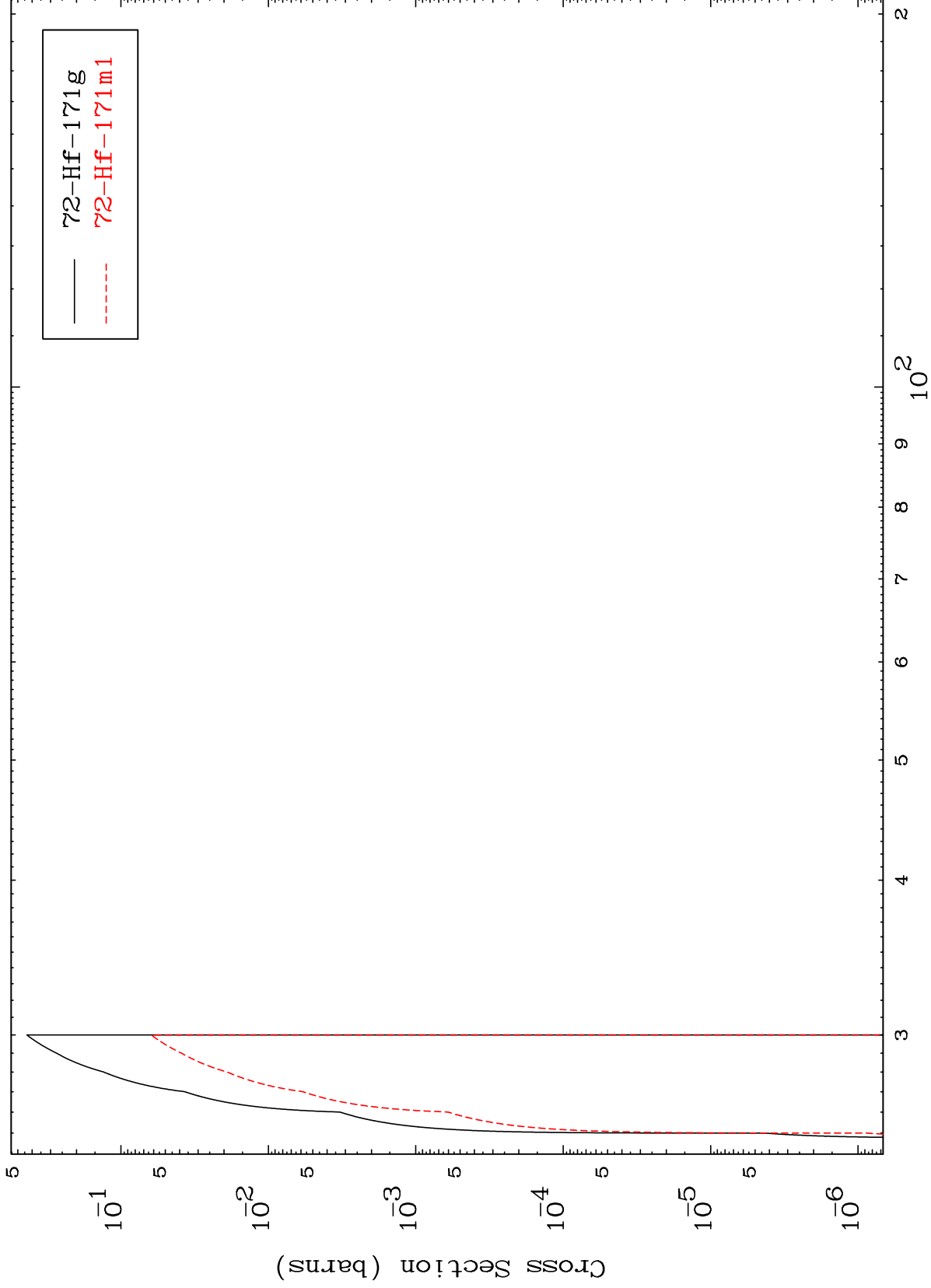


MAT 7225

(n,4n)

72-Hf-174

Radionuclide Production Cross Section



105

Incident Energy (MeV)

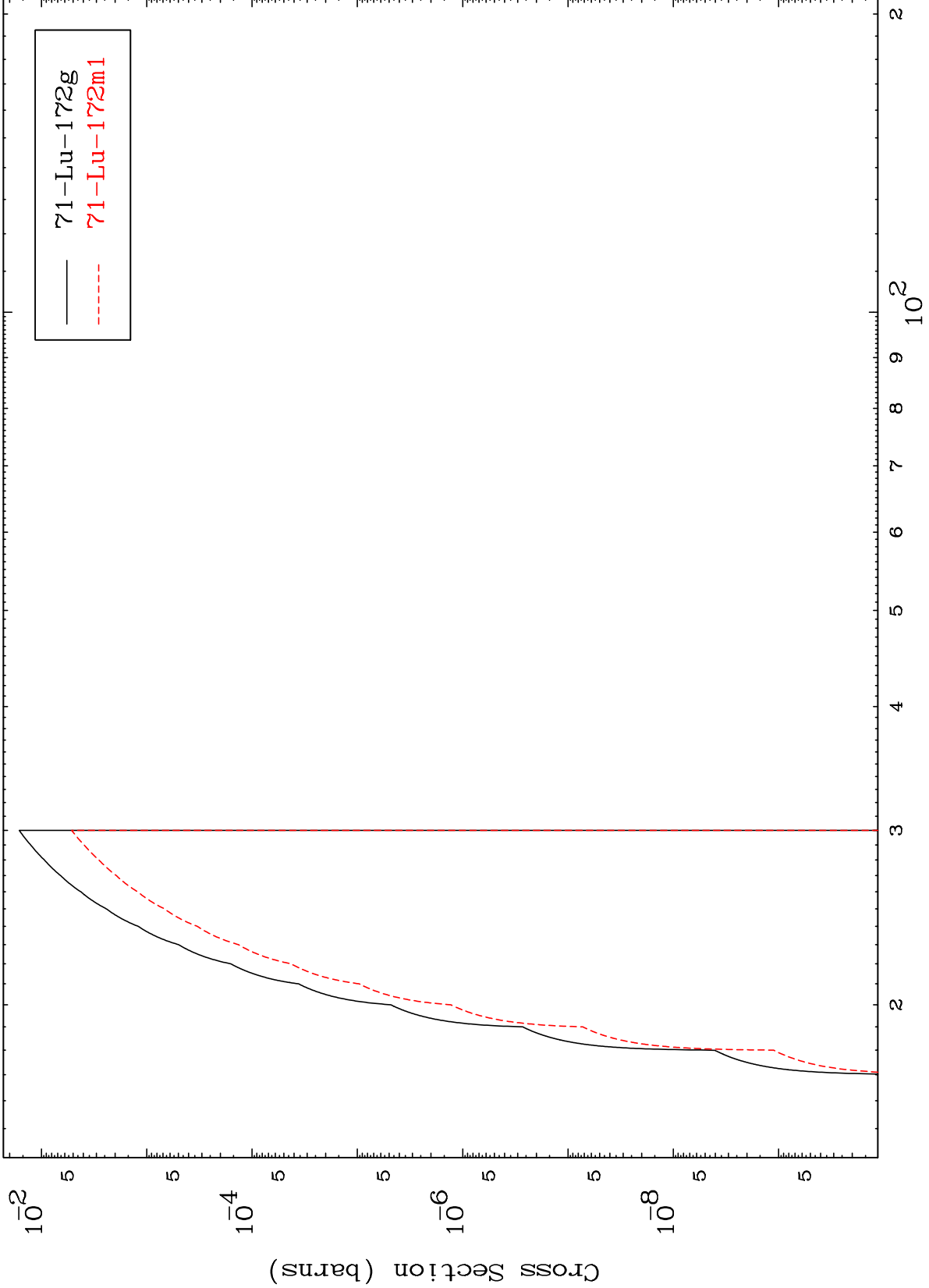
72-Hf-174

MAT 7225

(n,2n) p

72-Hf-174

Radionuclide Production Cross Section



71-Lu-172g
71-Lu-172m1

106

Incident Energy (MeV)

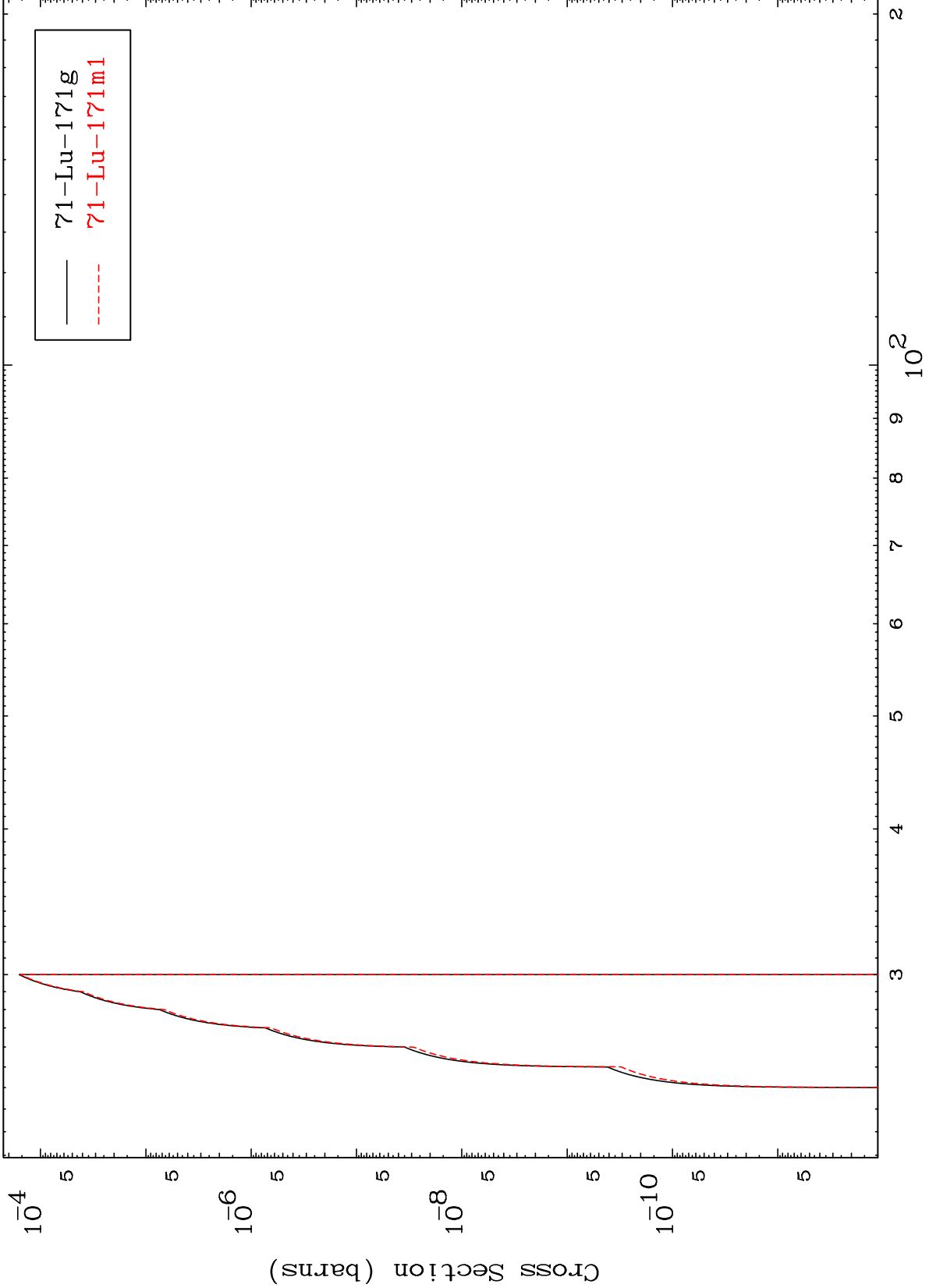
72-Hf-174

MAT 7225

(n,3n) p

72-Hf-174

Radionuclide Production Cross Section



71-Lu-171g
71-Lu-171m1

107

Incident Energy (MeV)

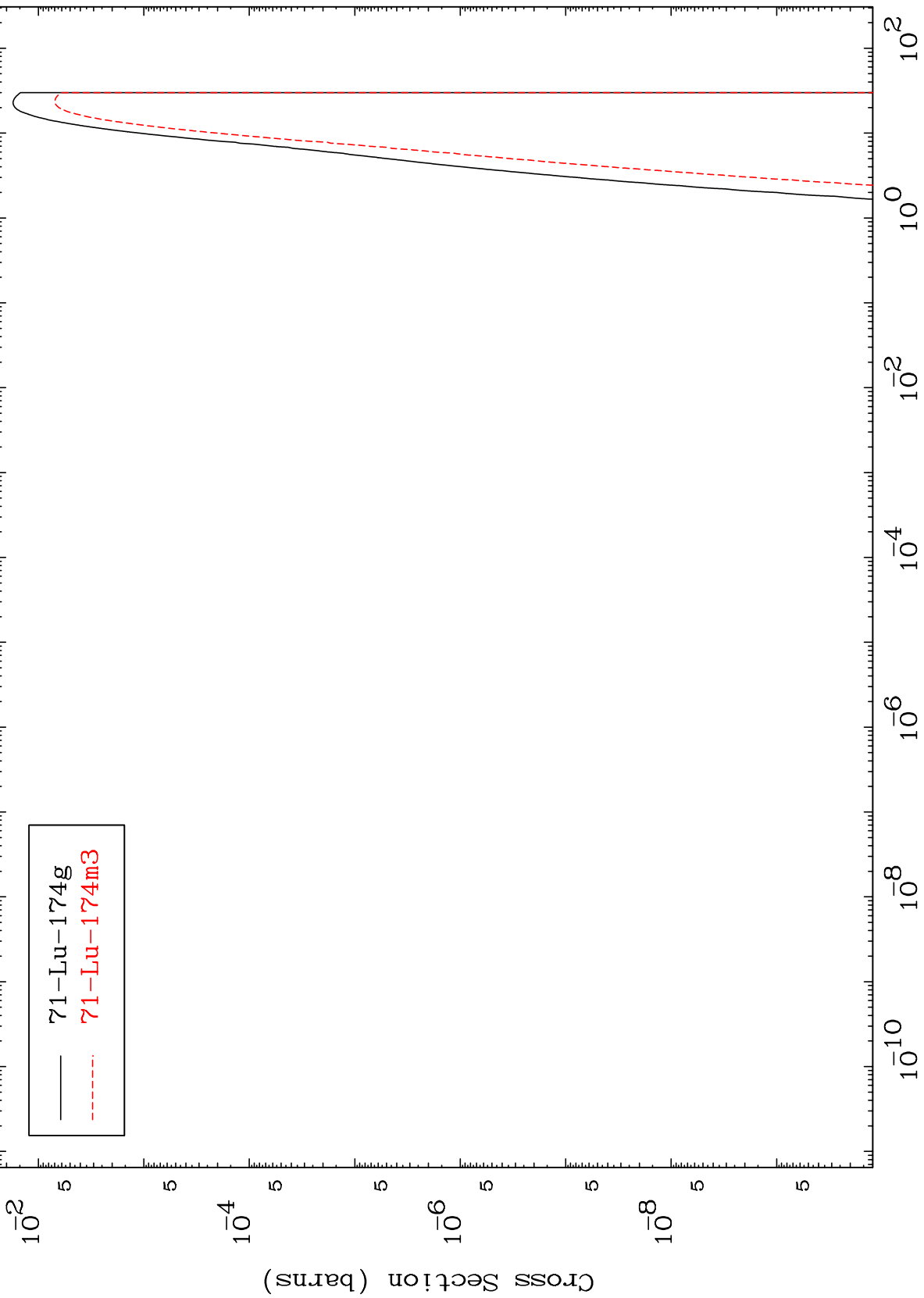
72-Hf-174

MAT 7225

(n,p)

72-Hf-174

Radionuclide Production Cross Section

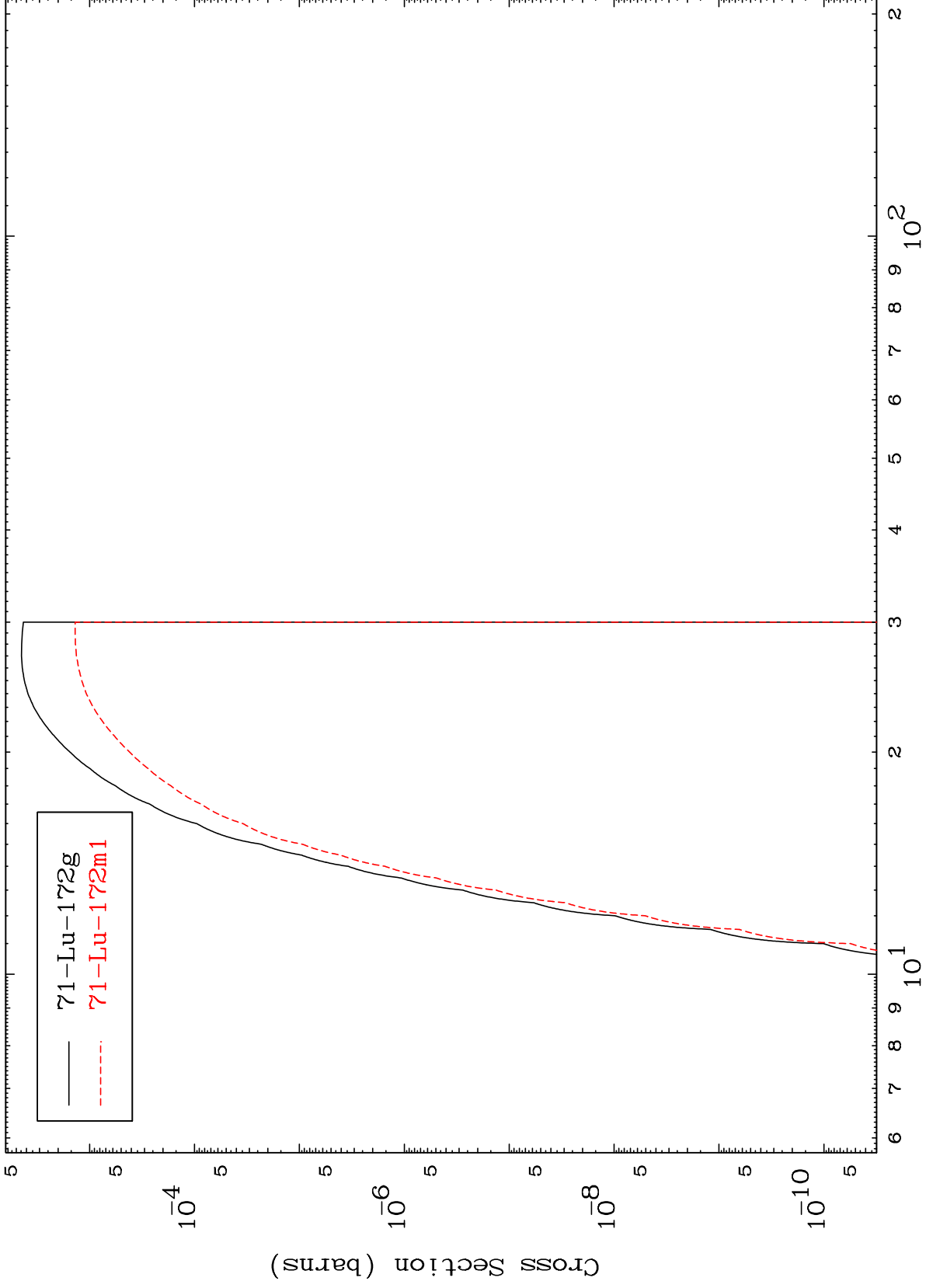


71-Lu-174g
71-Lu-174m3

MAT 7225

72-Hf-174

(n, t)
Radionuclide Production Cross Section



— 71-Lu-172g
- - - 71-Lu-172m1

109

Incident Energy (MeV)

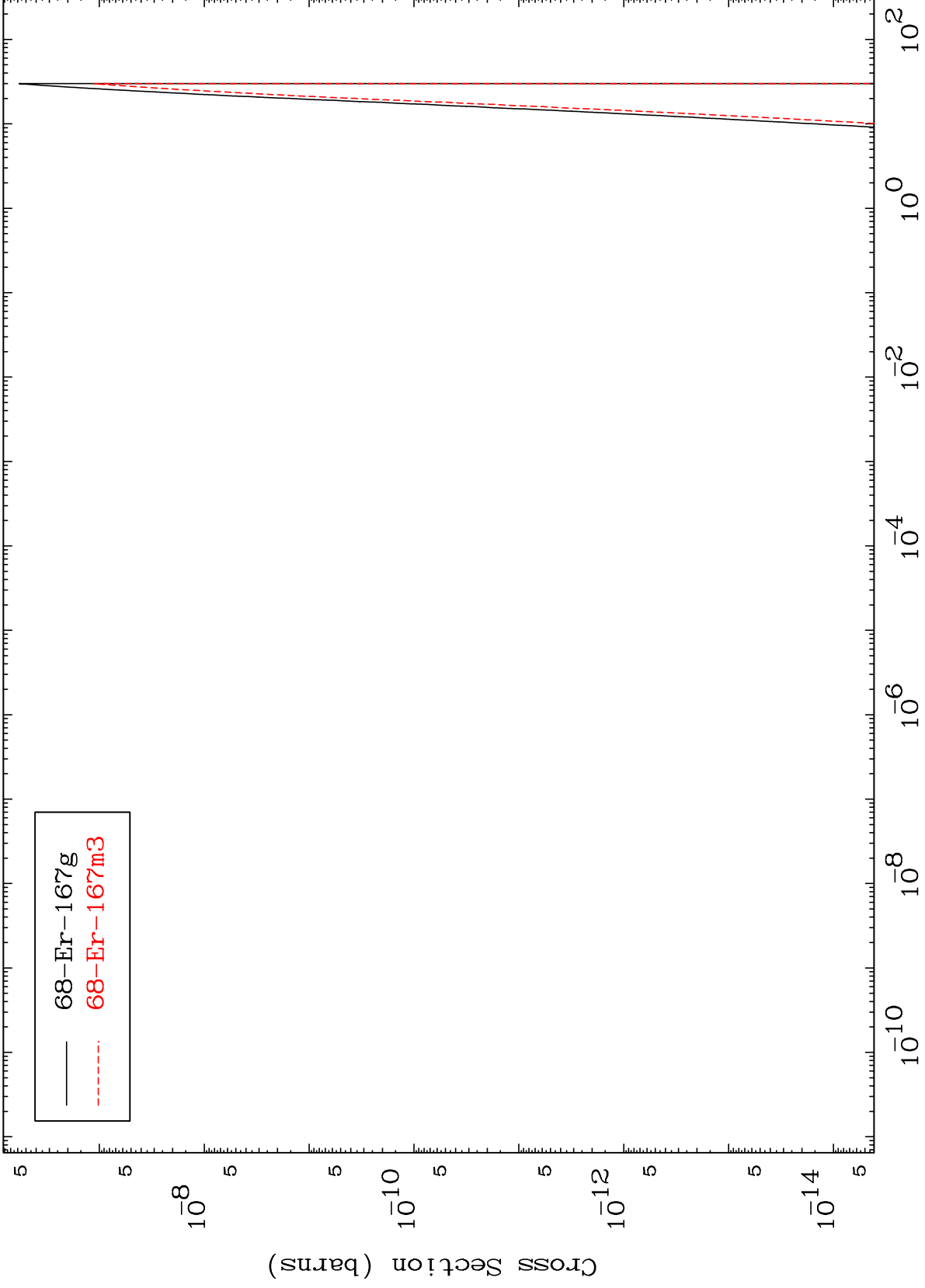
72-Hf-174

MAT 7225

(n,2α)

72-Hf-174

Radionuclide Production Cross Section



110

Incident Energy (MeV)

72-Hf-174