

Program EVALPLOT
(Version 2021-1)

by

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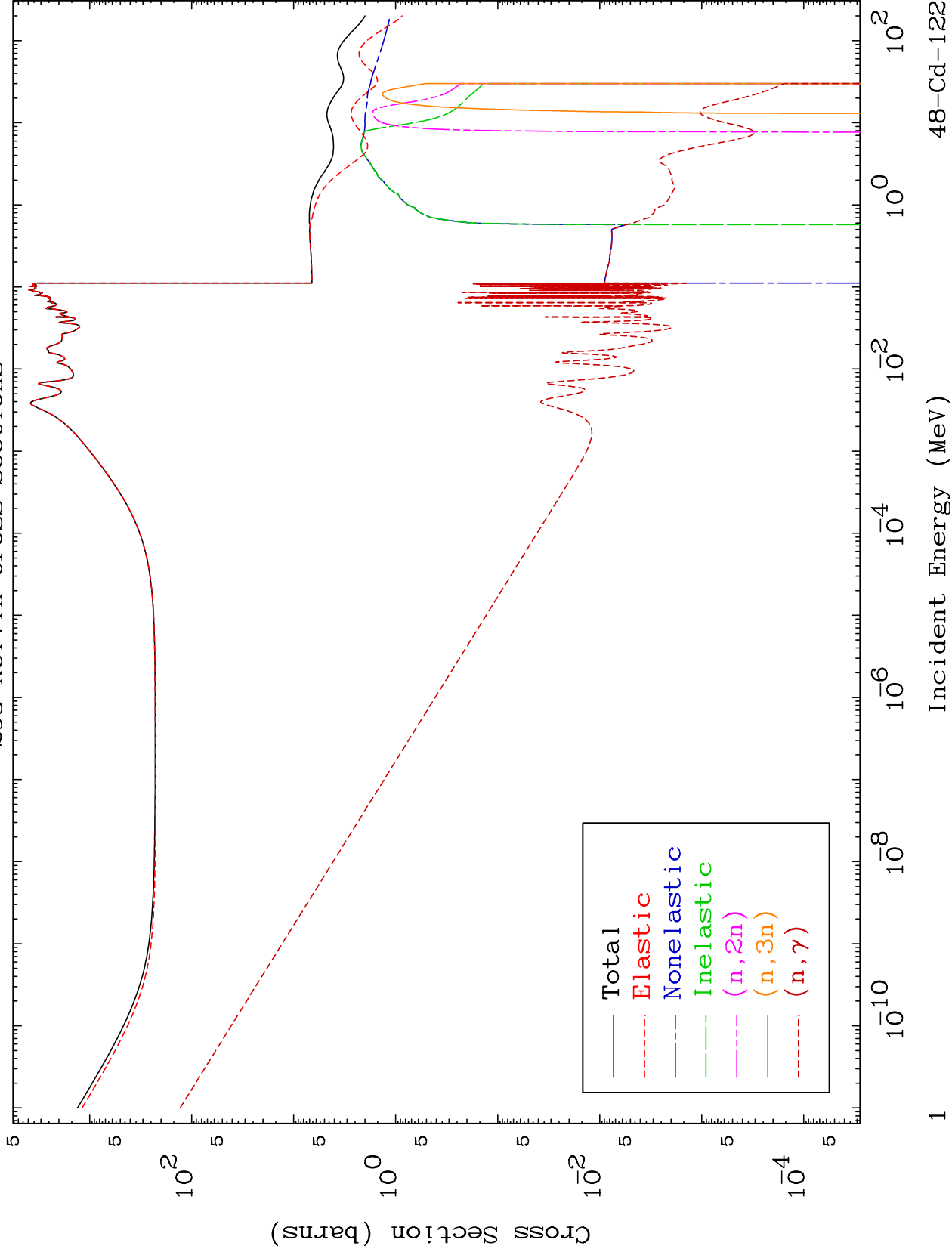
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Press Mouse Button to Start

MAT 4873

Neutron Major
293 Kelvin Cross Sections

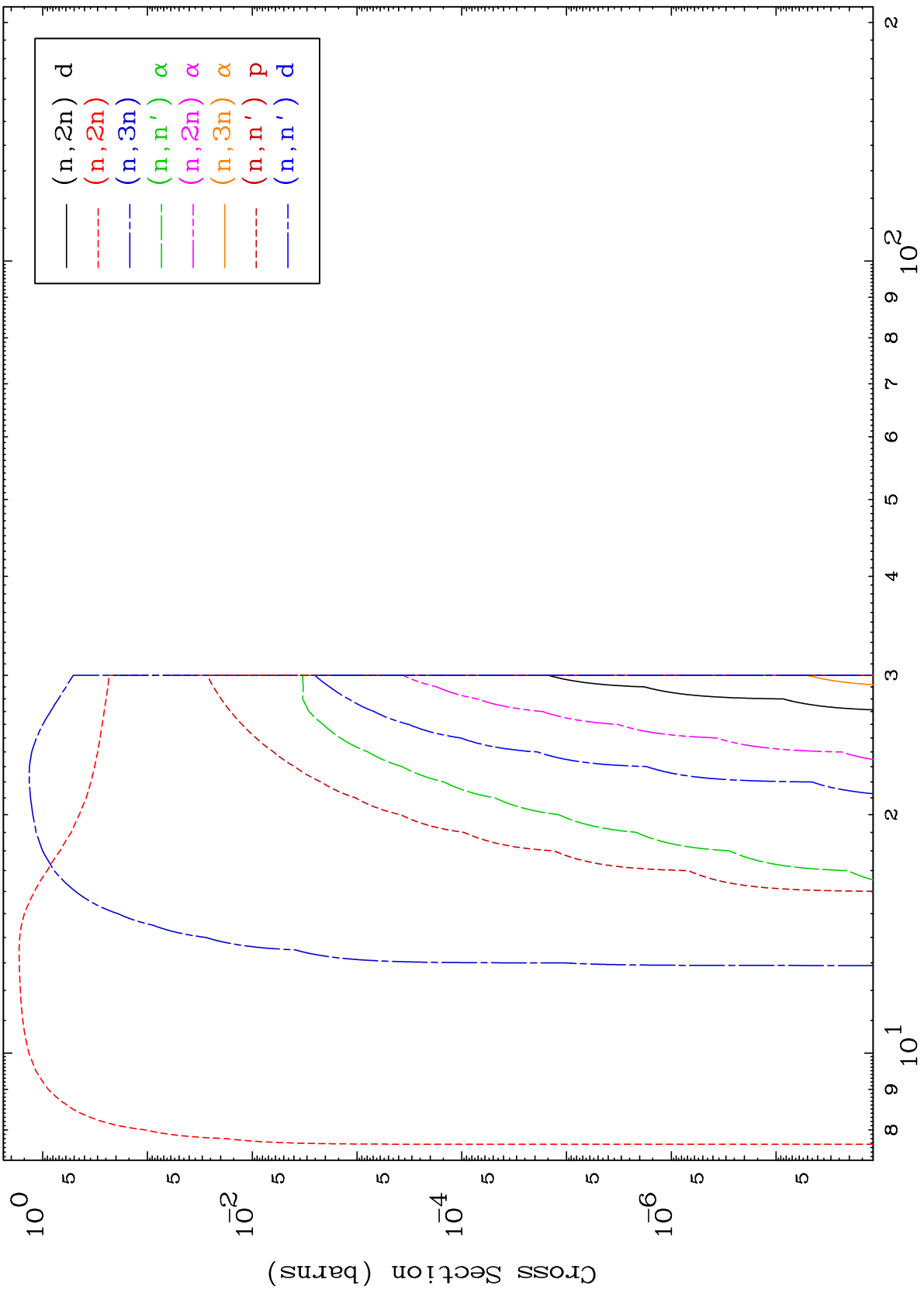
48-Cd-122



MAT 4873

Neutron Absorption
293 Kelvin Cross Sections

48-Cd-122



2

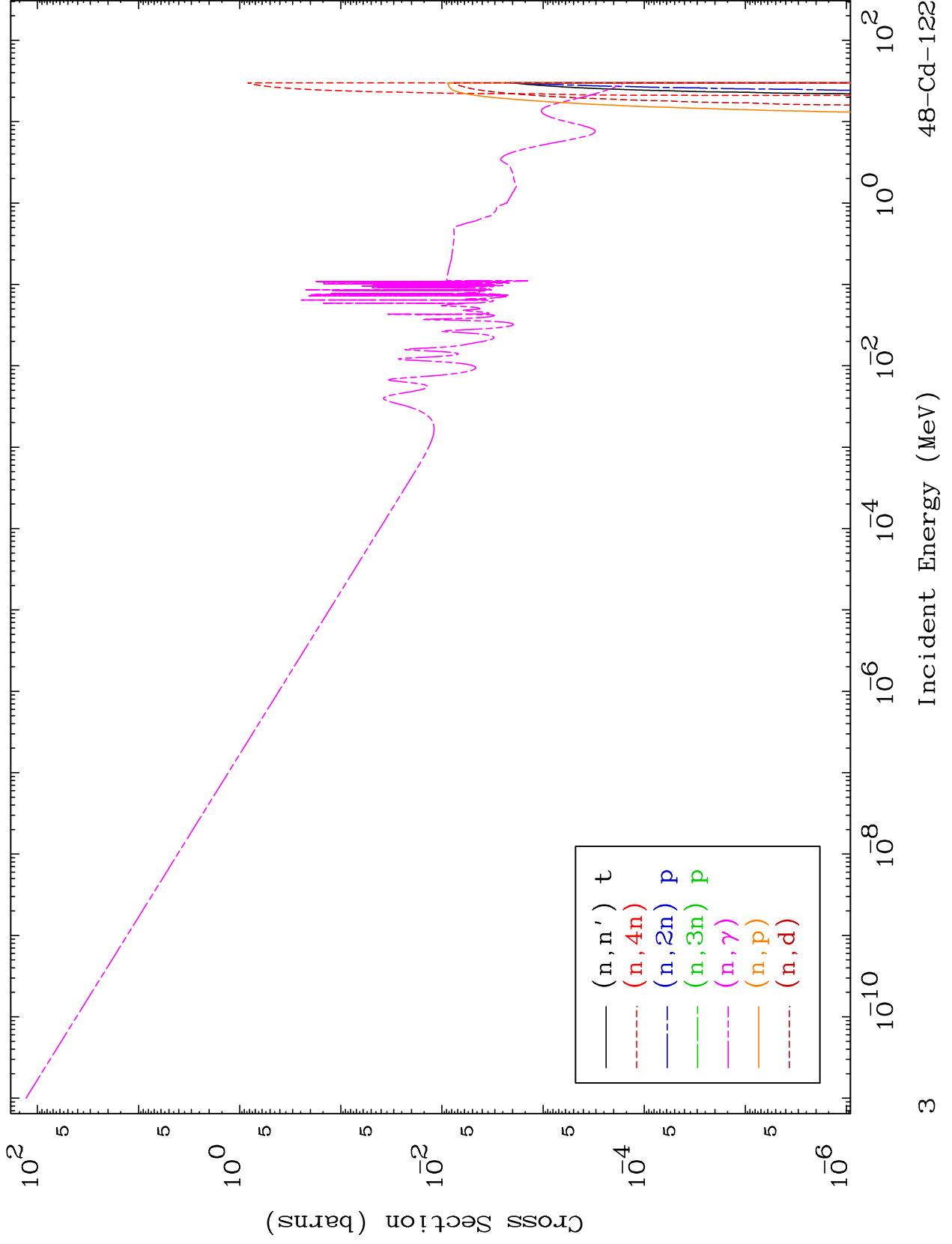
Incident Energy (MeV)

48-Cd-122

MAT 4873

Neutron Absorption
293 Kelvin Cross Sections

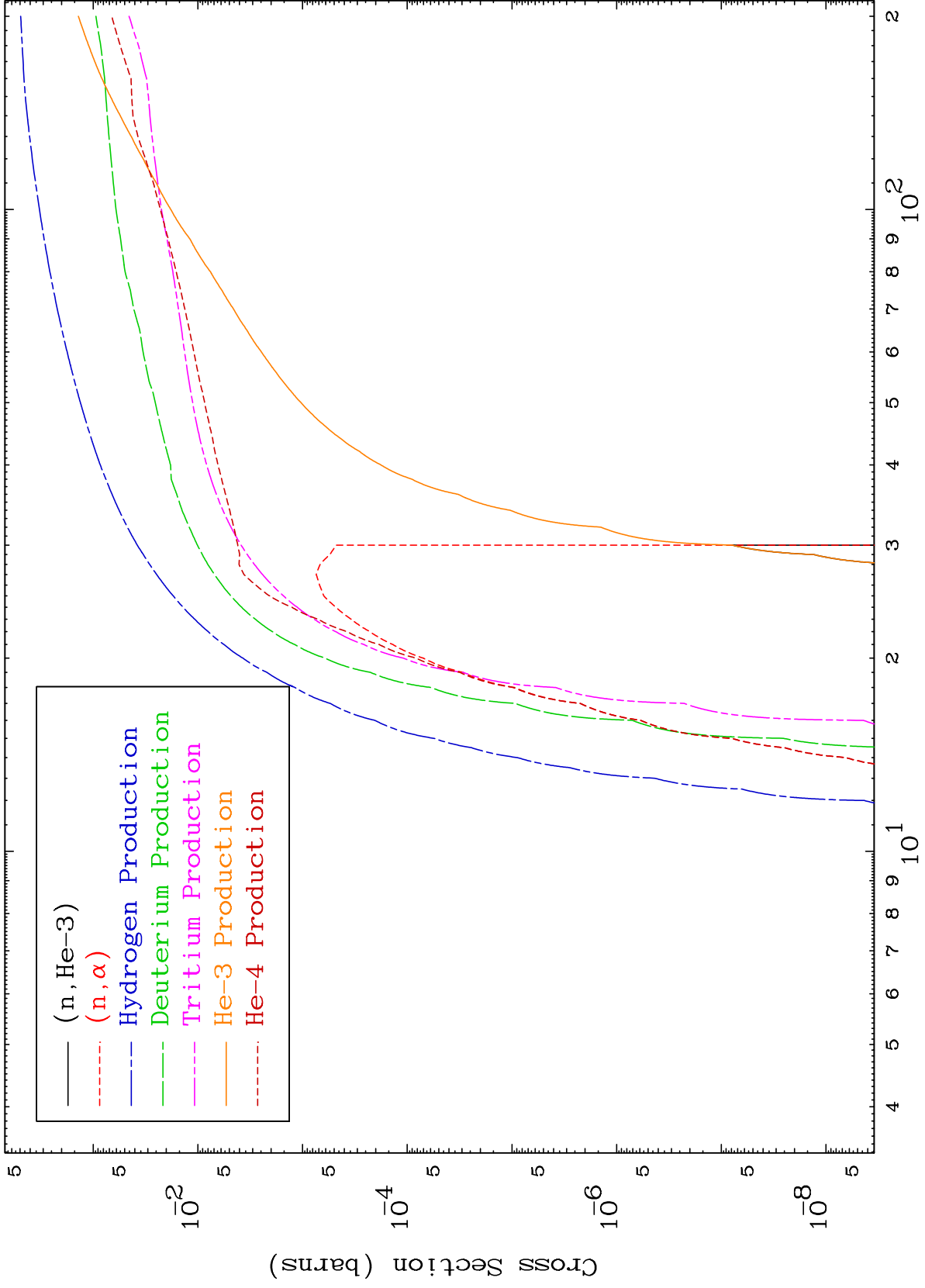
48-Cd-122

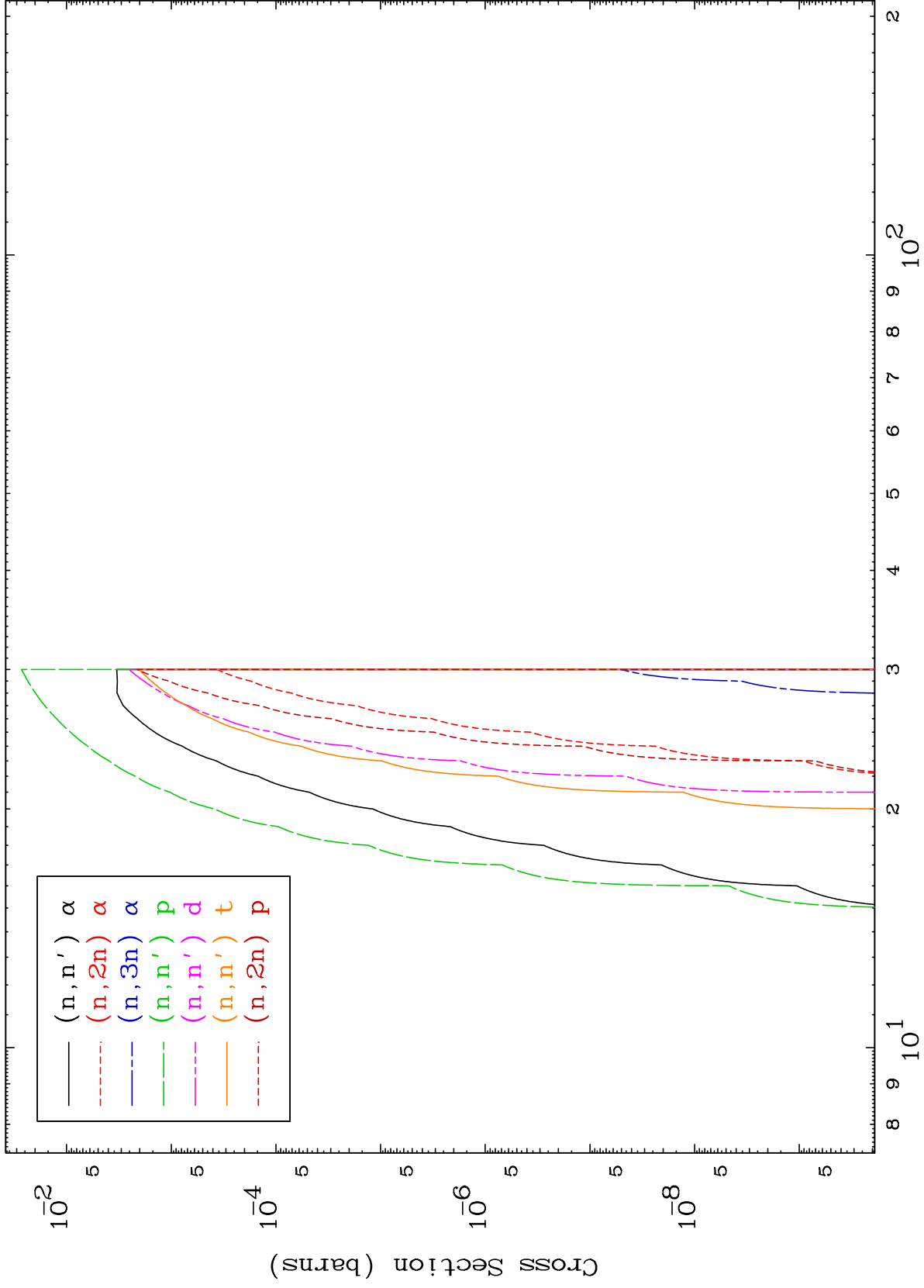


MAT 4873

Neutron Absorption
293 Kelvin Cross Sections

48-Cd-122

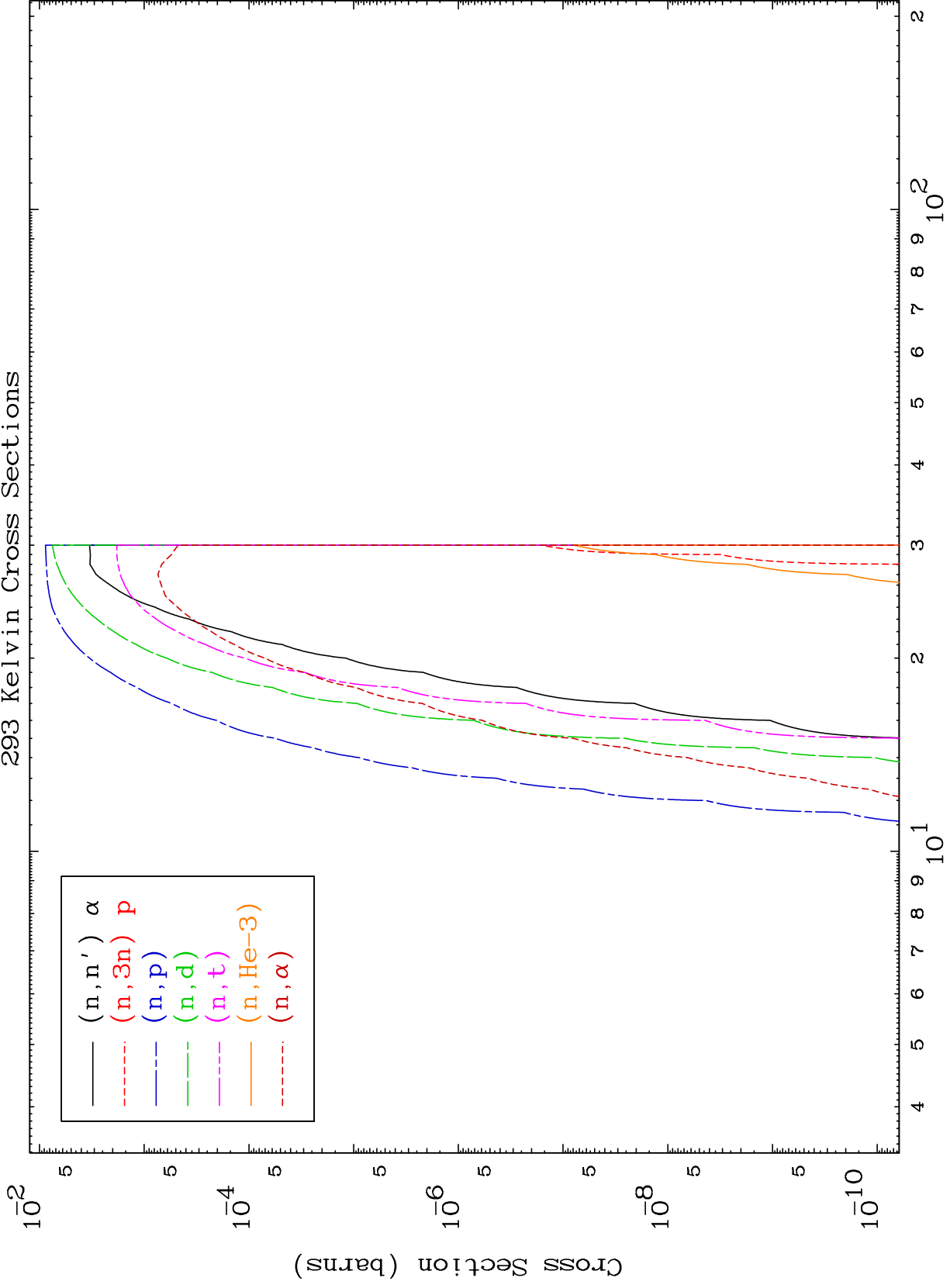




MAT 4873

Charged Particle
293 Kelvin Cross Sections

48-Cd-122



6

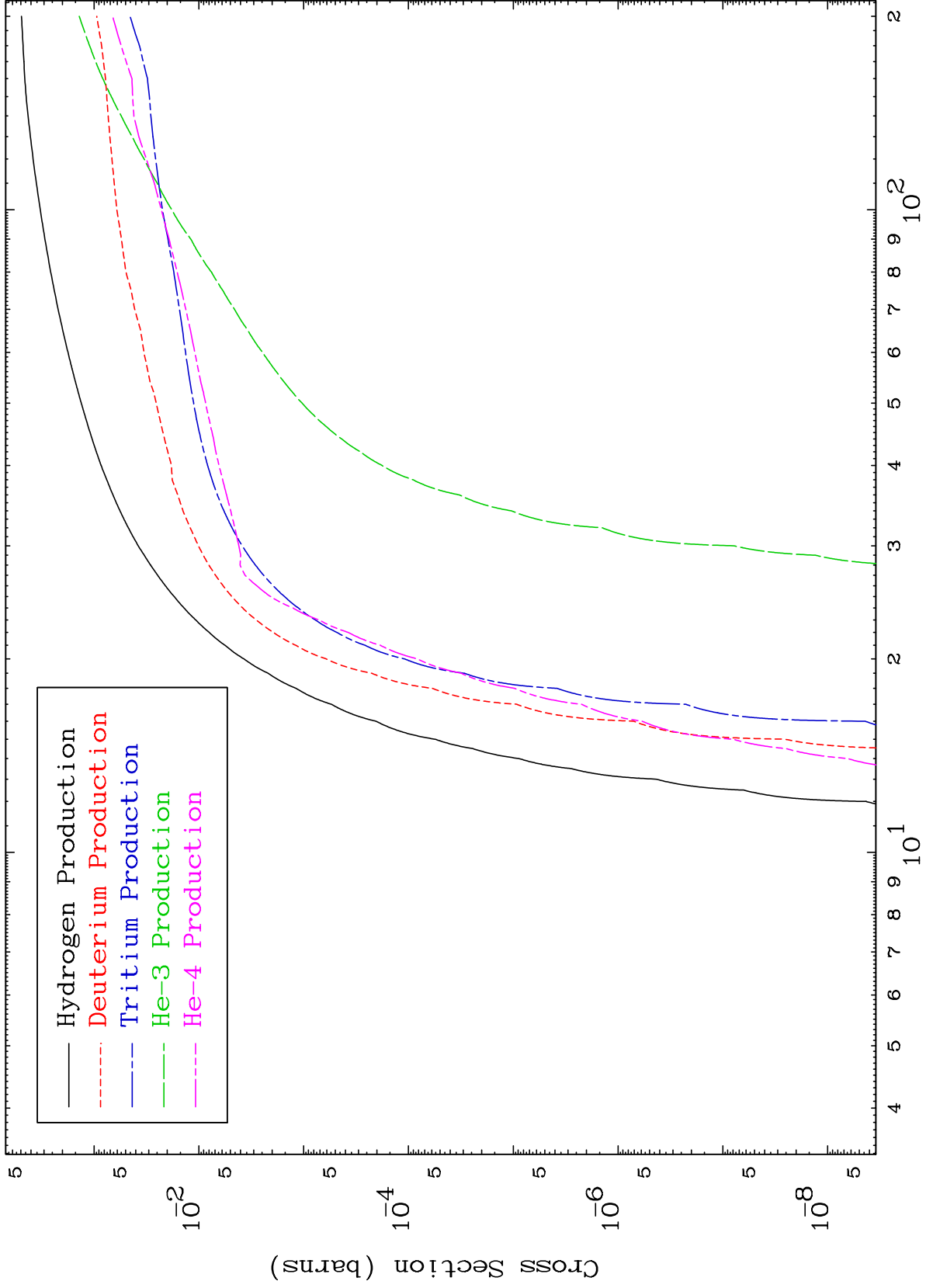
Incident Energy (MeV)

48-Cd-122

MAT 4873

Particle Production
293 Kelvin Cross Sections

48-Cd-122



7

Incident Energy (MeV)

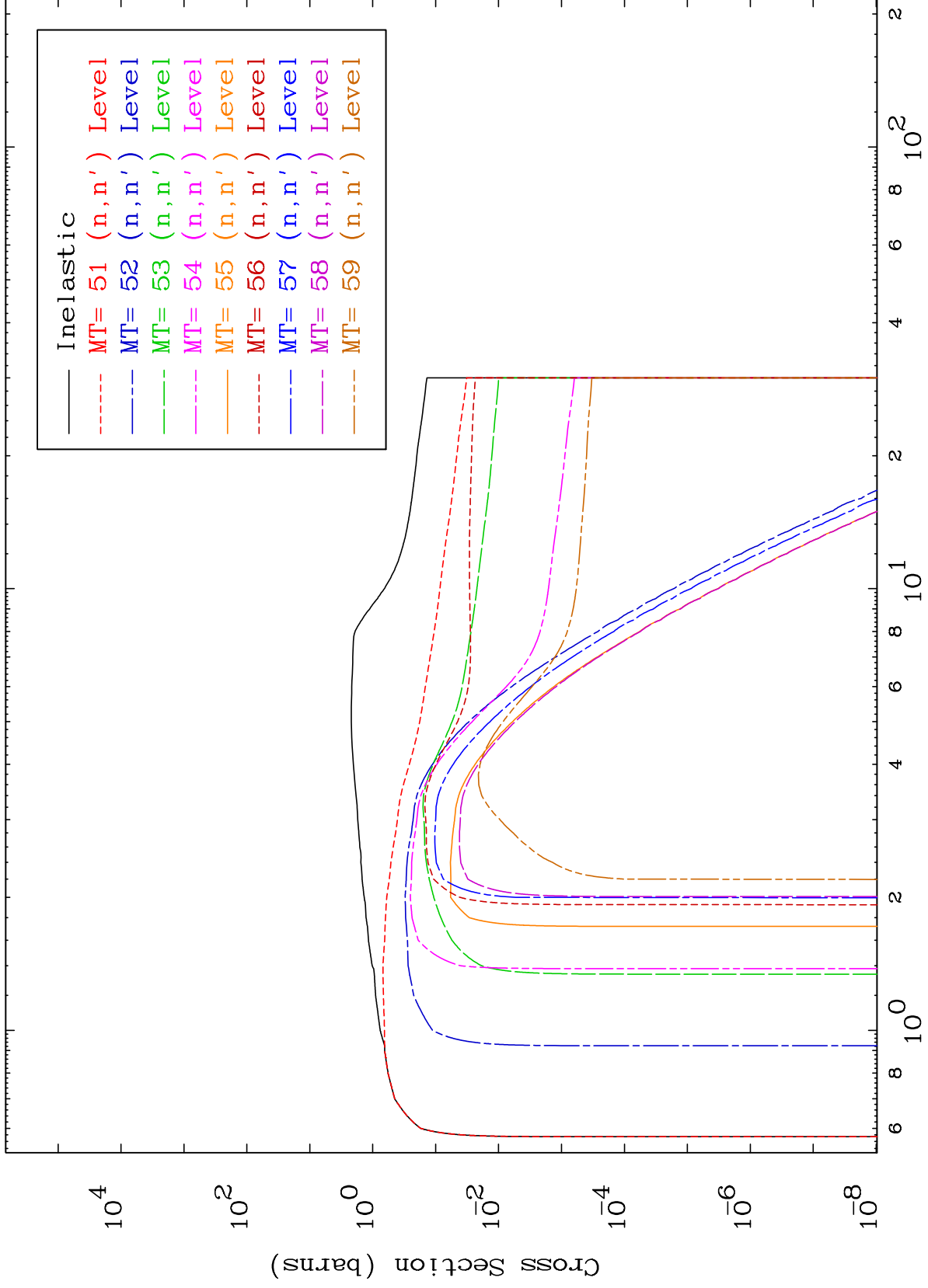
48-Cd-122

MAT 4873

(n,n') Levels

48-Cd-122

293 Kelvin Cross Sections



8

Incident Energy (MeV)

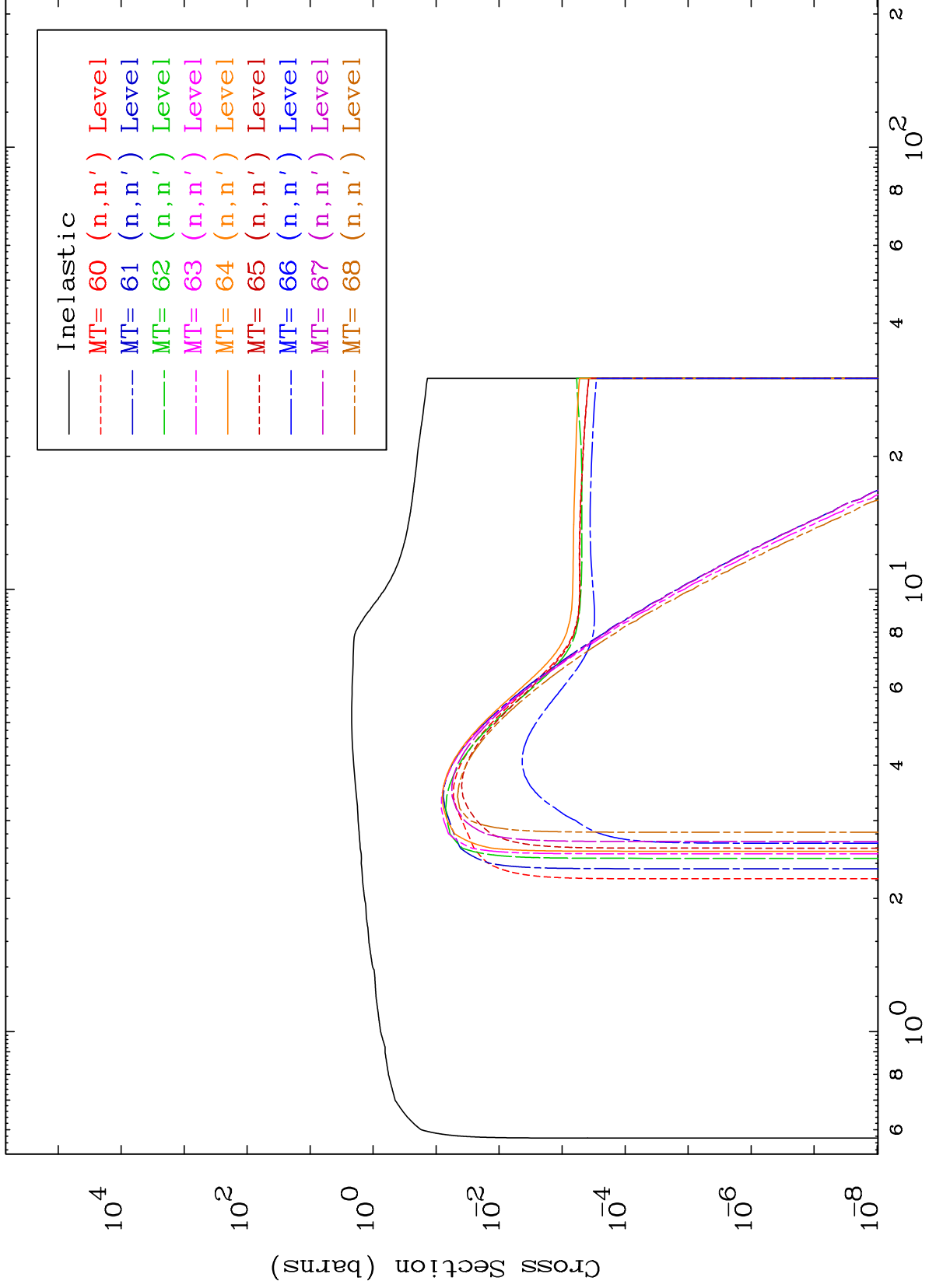
48-Cd-122

MAT 4873

(n,n') Levels

48-Cd-122

293 Kelvin Cross Sections



9

Incident Energy (MeV)

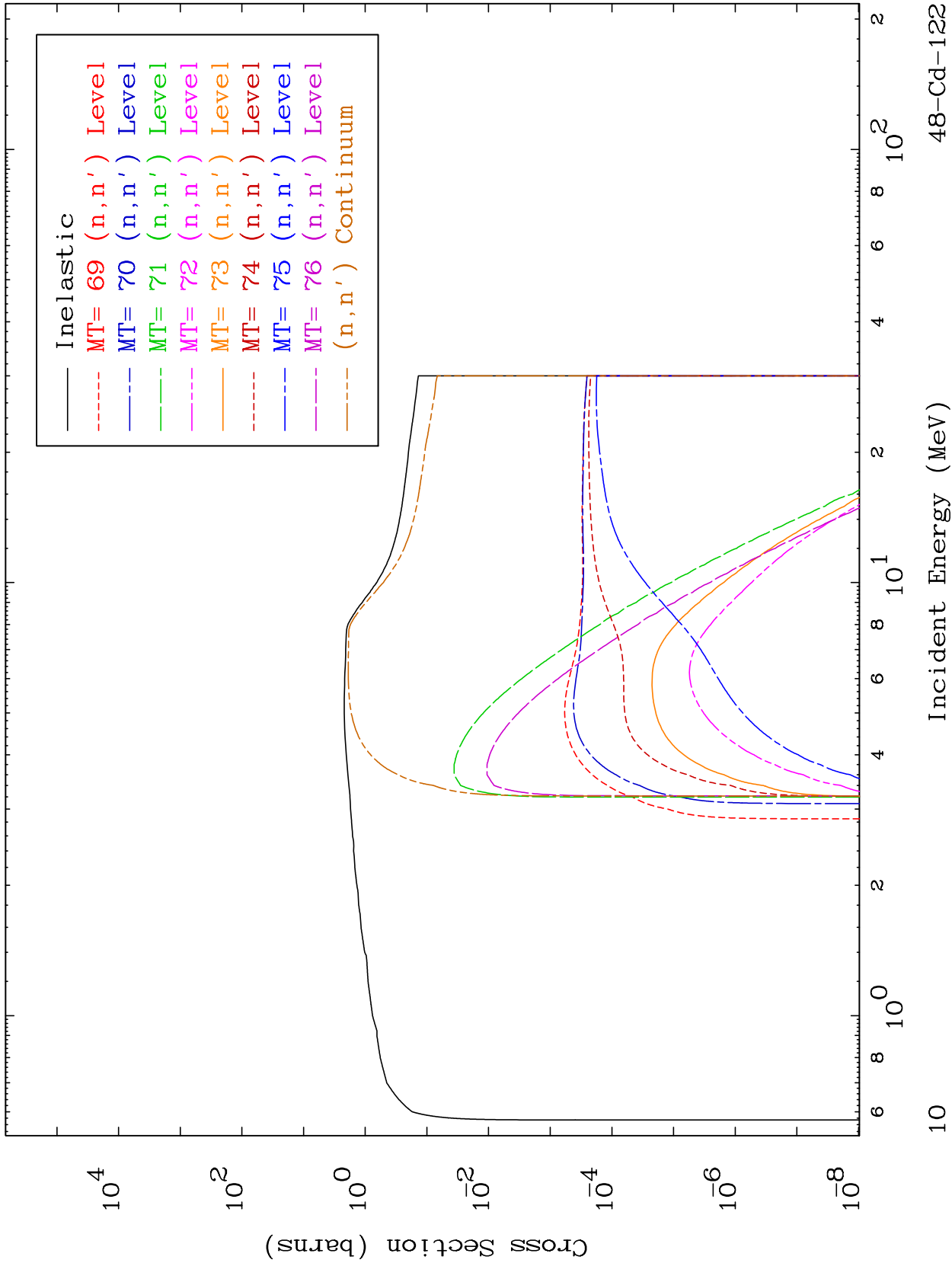
48-Cd-122

MAT 4873

(n,n') Levels

48-Cd-122

293 Kelvin Cross Sections



48-Cd-122

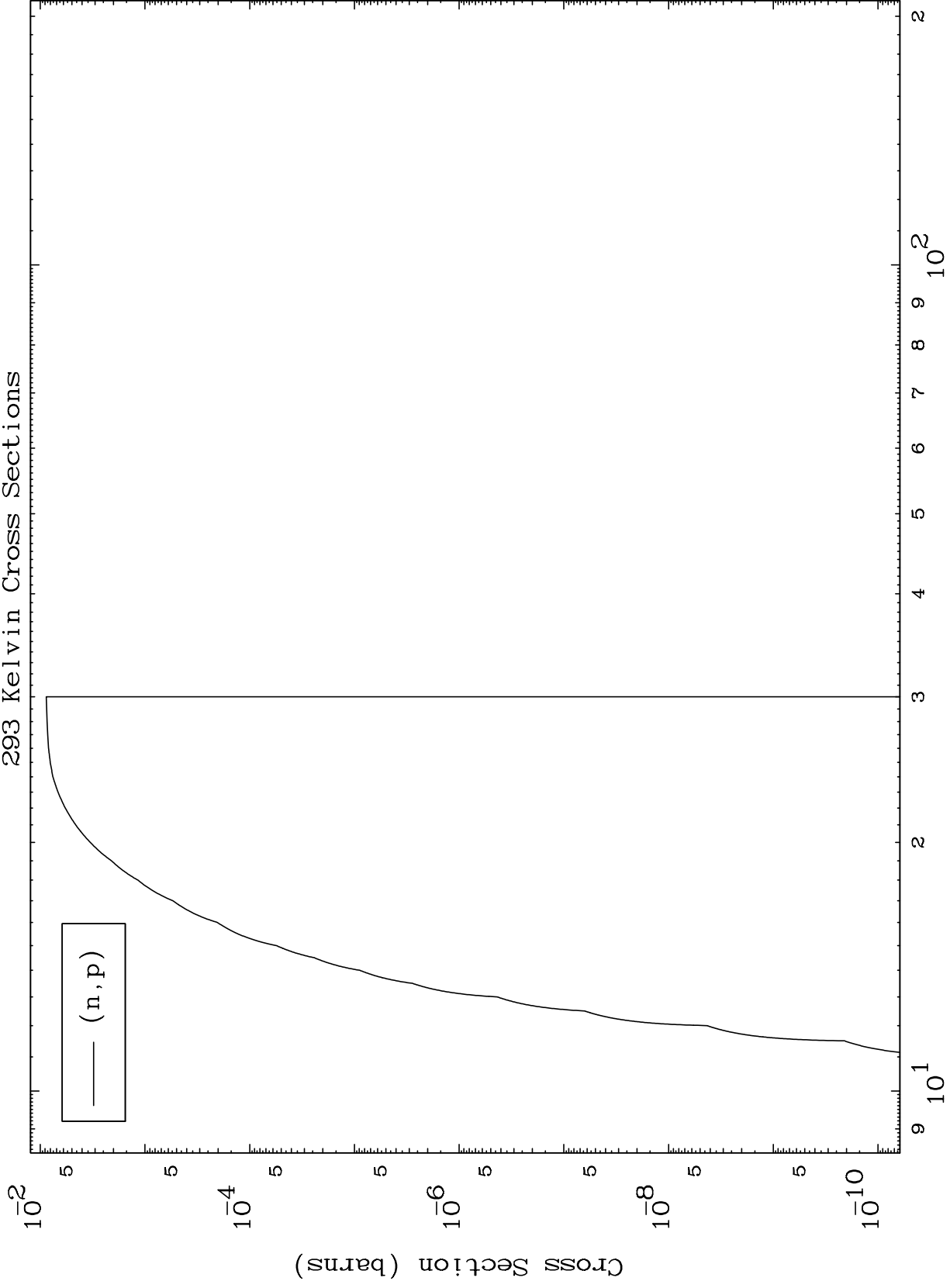
Incident Energy (MeV)

10

MAT 4873

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-122



11

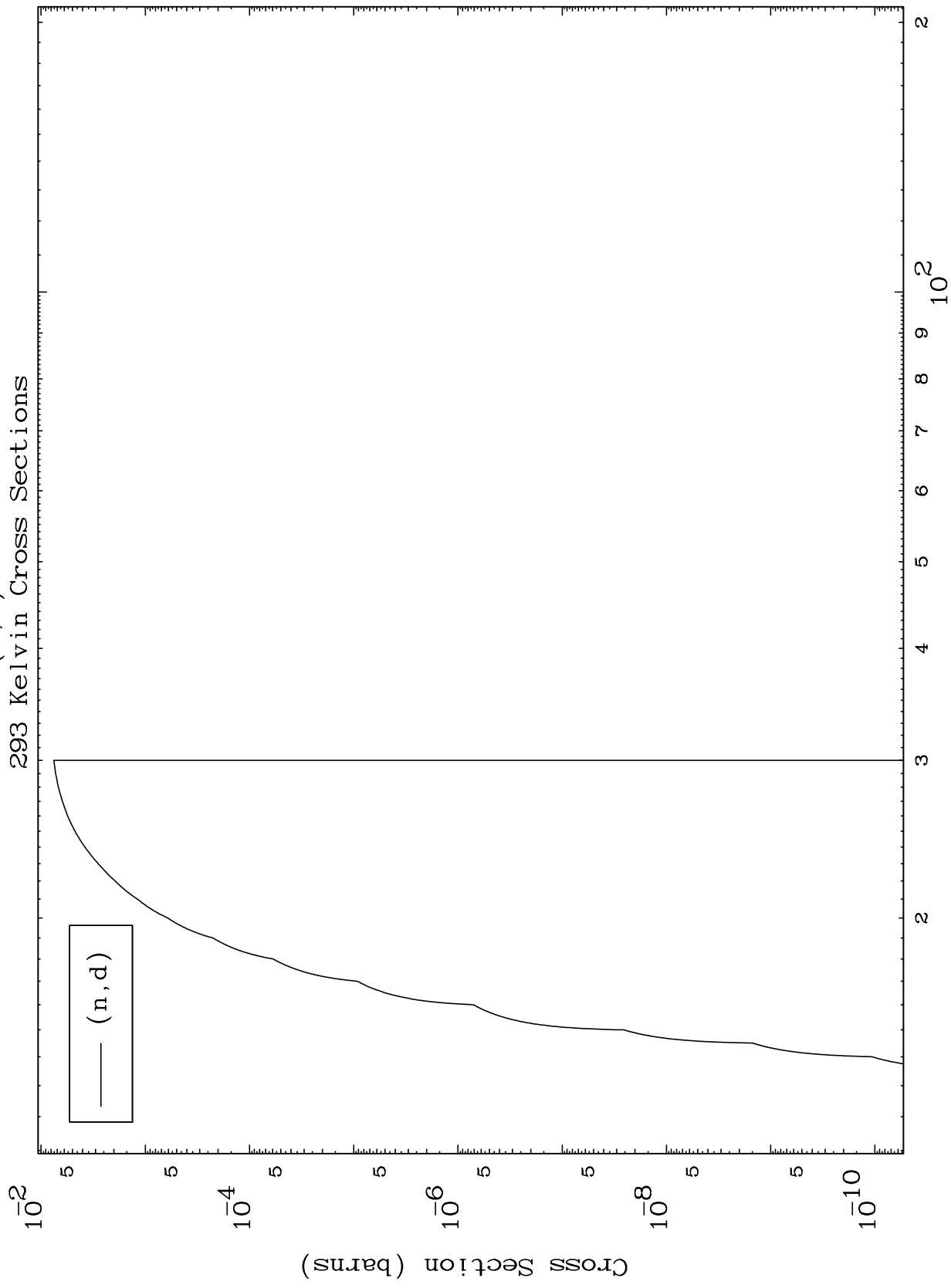
Incident Energy (MeV)

48-Cd-122

MAT 4873

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-122



12

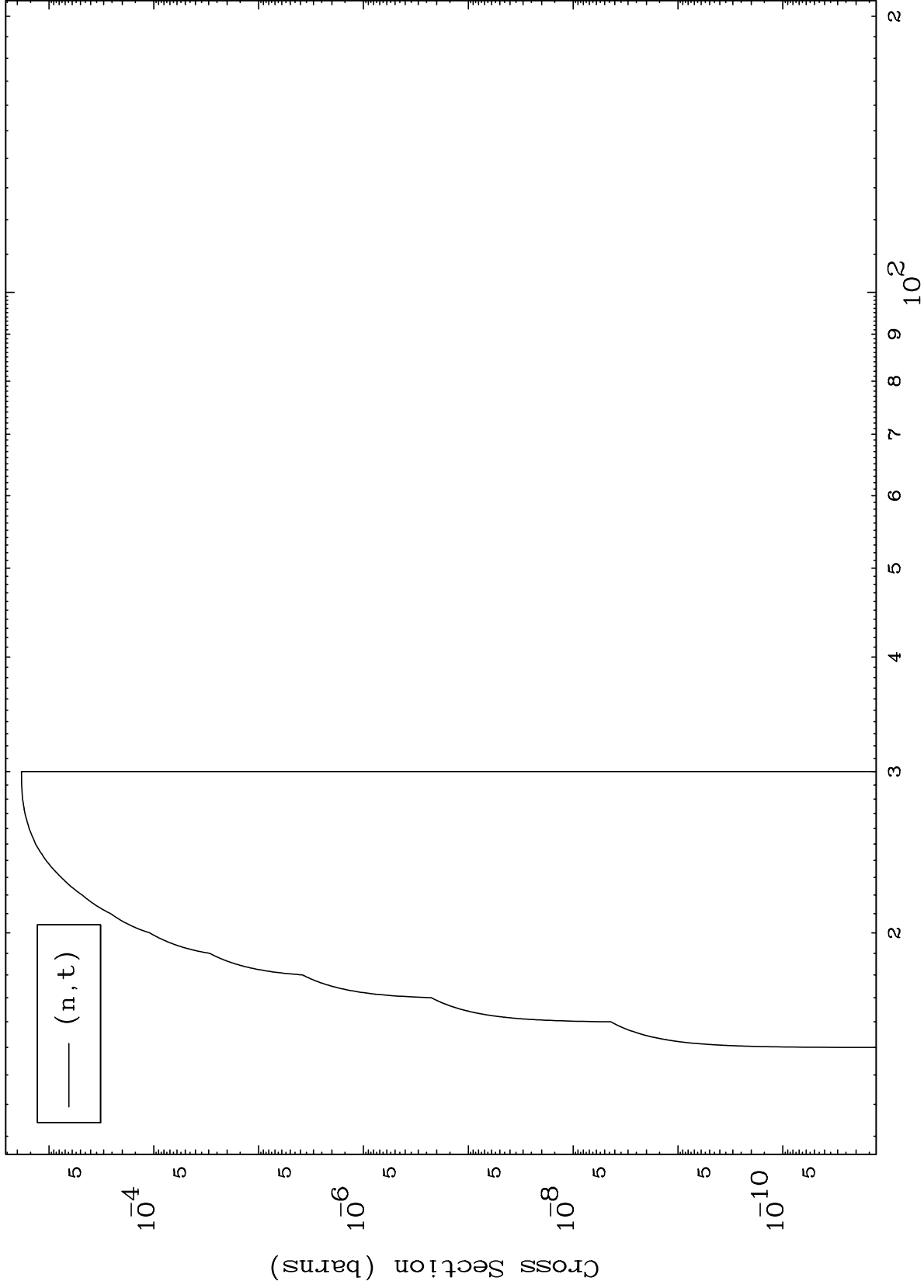
Incident Energy (MeV)

48-Cd-122

MAT 4873

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-122



13

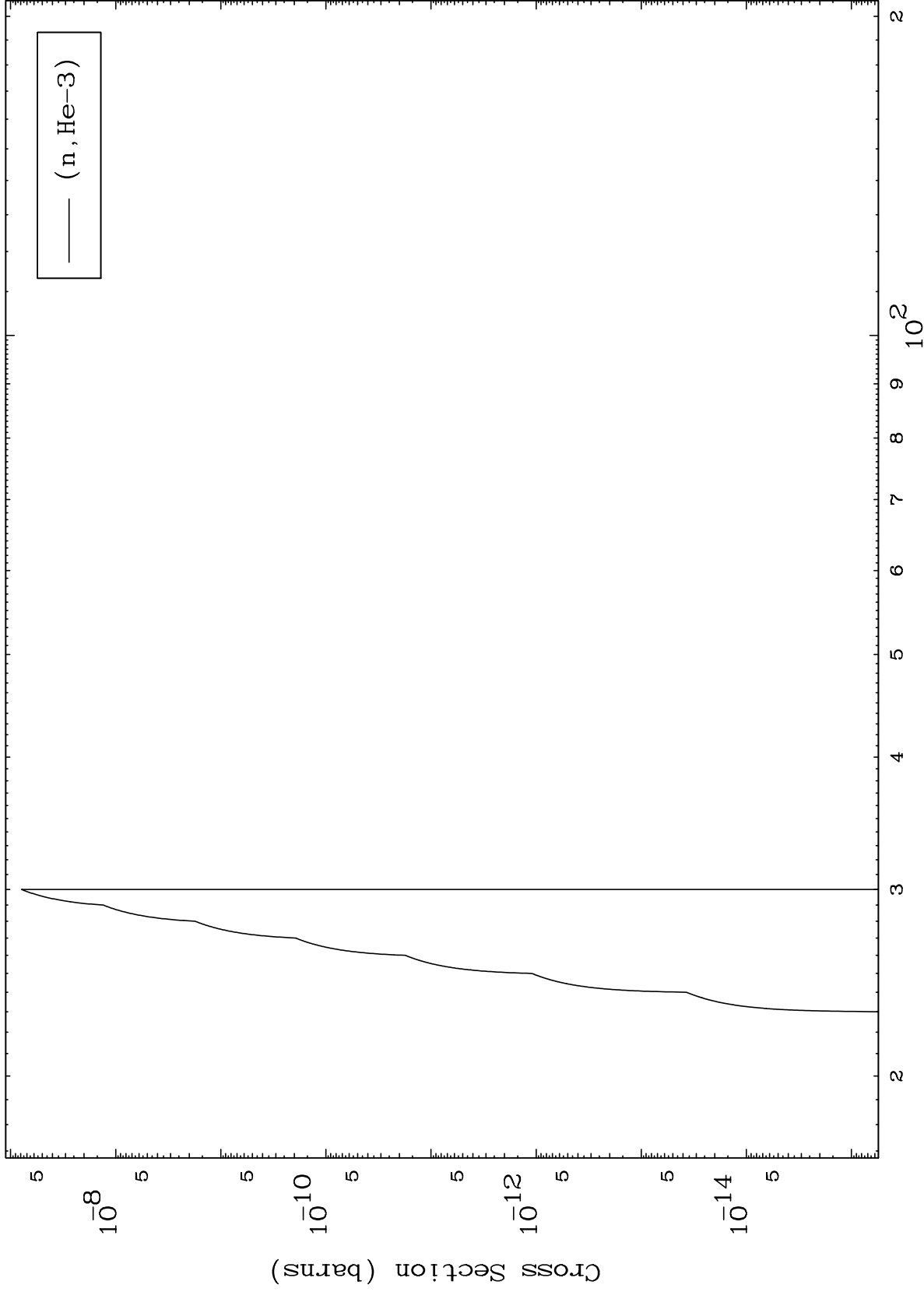
Incident Energy (MeV)

48-Cd-122

MAT 4873

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-122



14

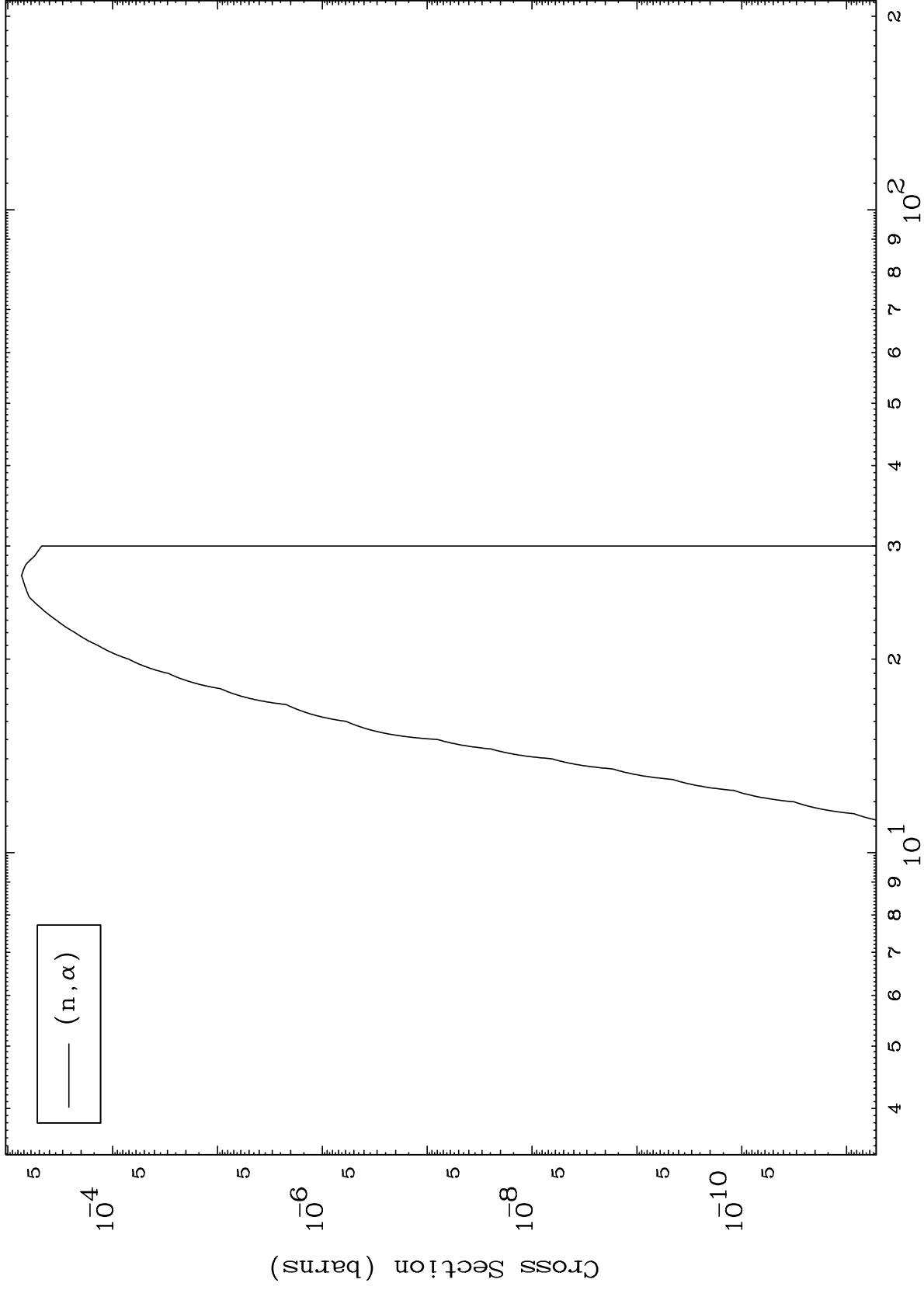
Incident Energy (MeV)

48-Cd-122

MAT 4873

(n, α) Levels
293 Kelvin Cross Sections

48-Cd-122



15

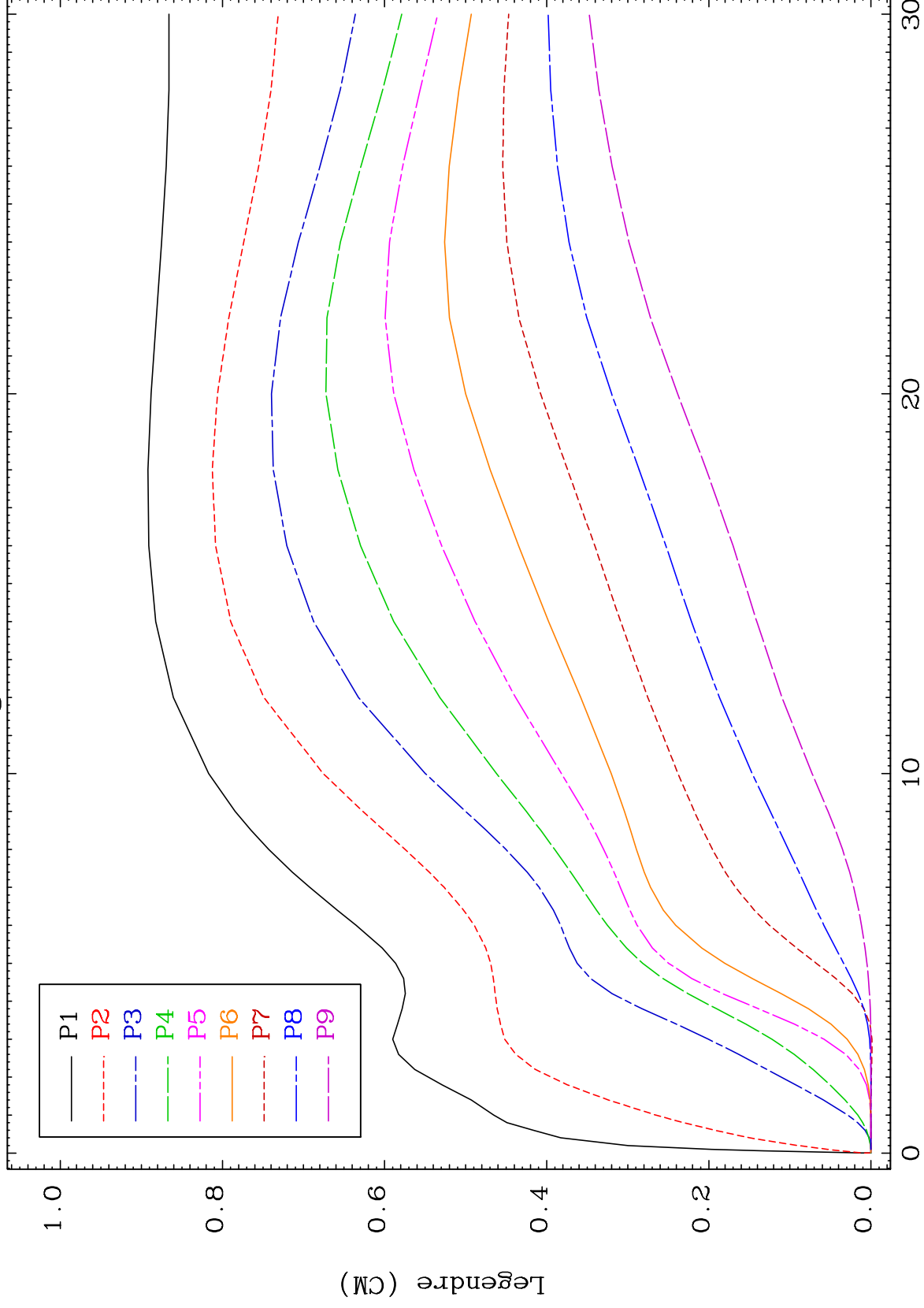
Incident Energy (MeV)

48-Cd-122

MAT 4873

Elastic Legendre Coefficients

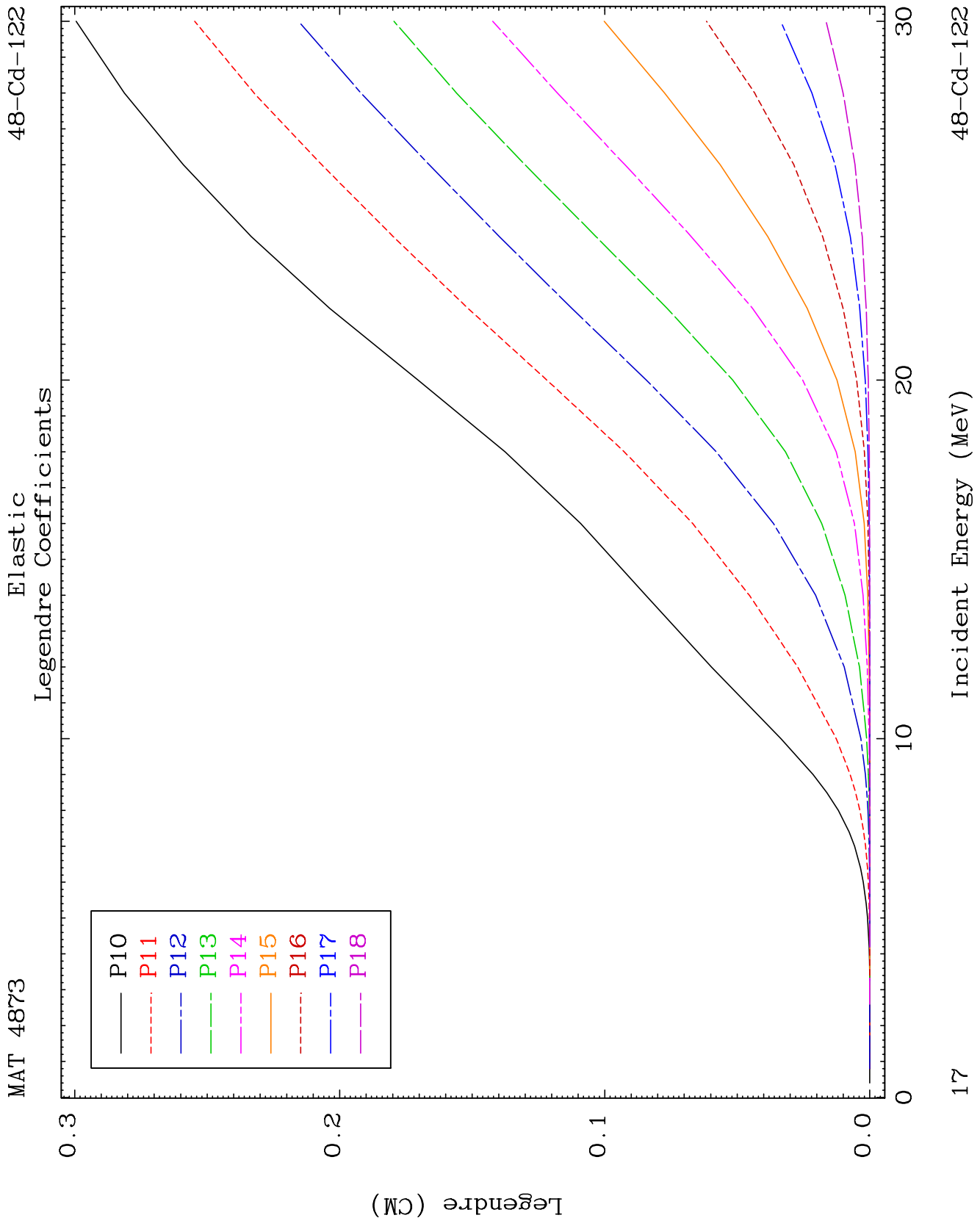
48-Cd-122



16

Incident Energy (MeV)

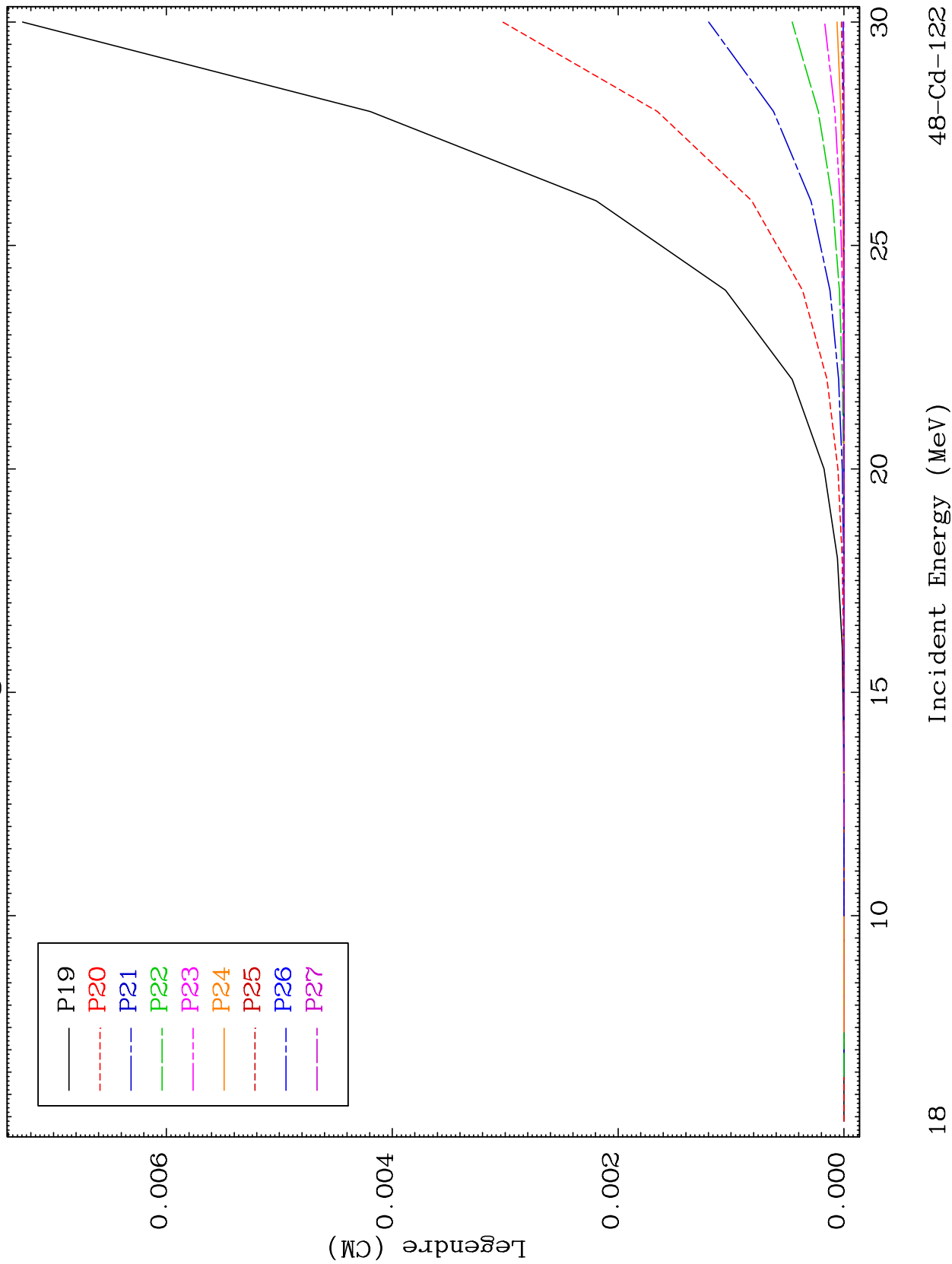
48-Cd-122



MAT 4873

Elastic Legendre Coefficients

48-Cd-122



18

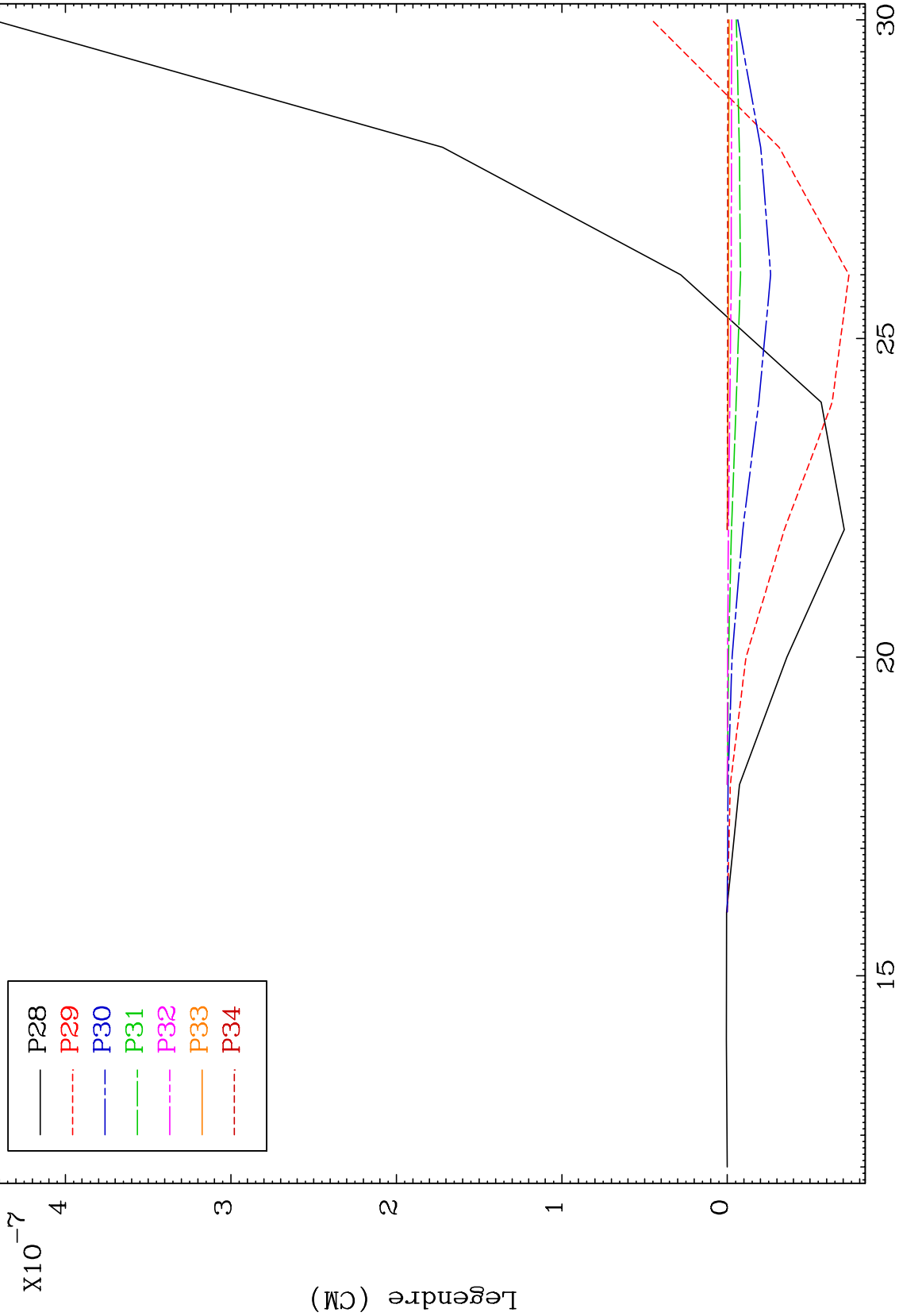
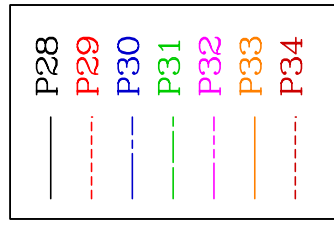
Incident Energy (MeV)

48-Cd-122

MAT 4873

Elastic Legendre Coefficients

48-Cd-122



19

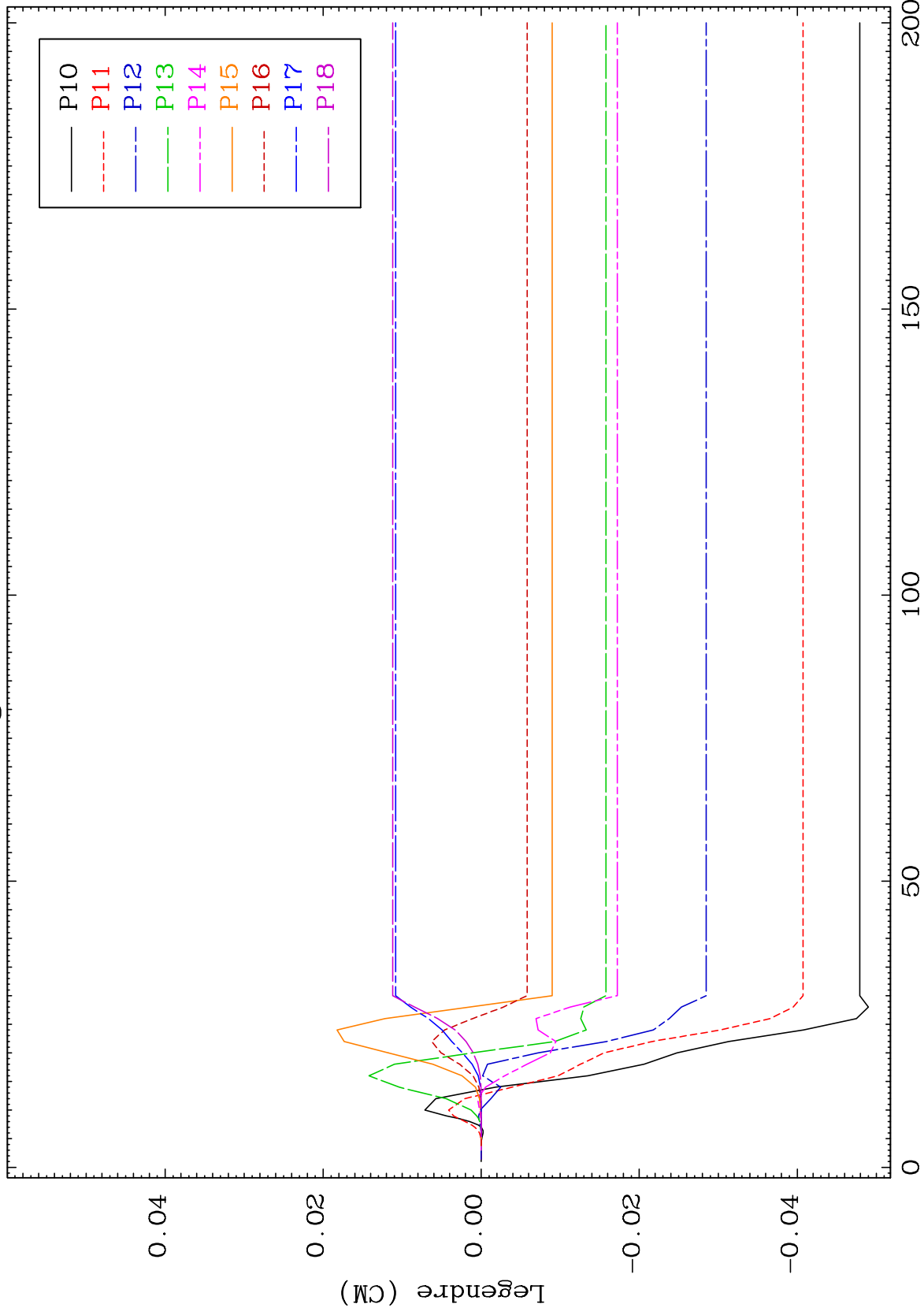
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



21

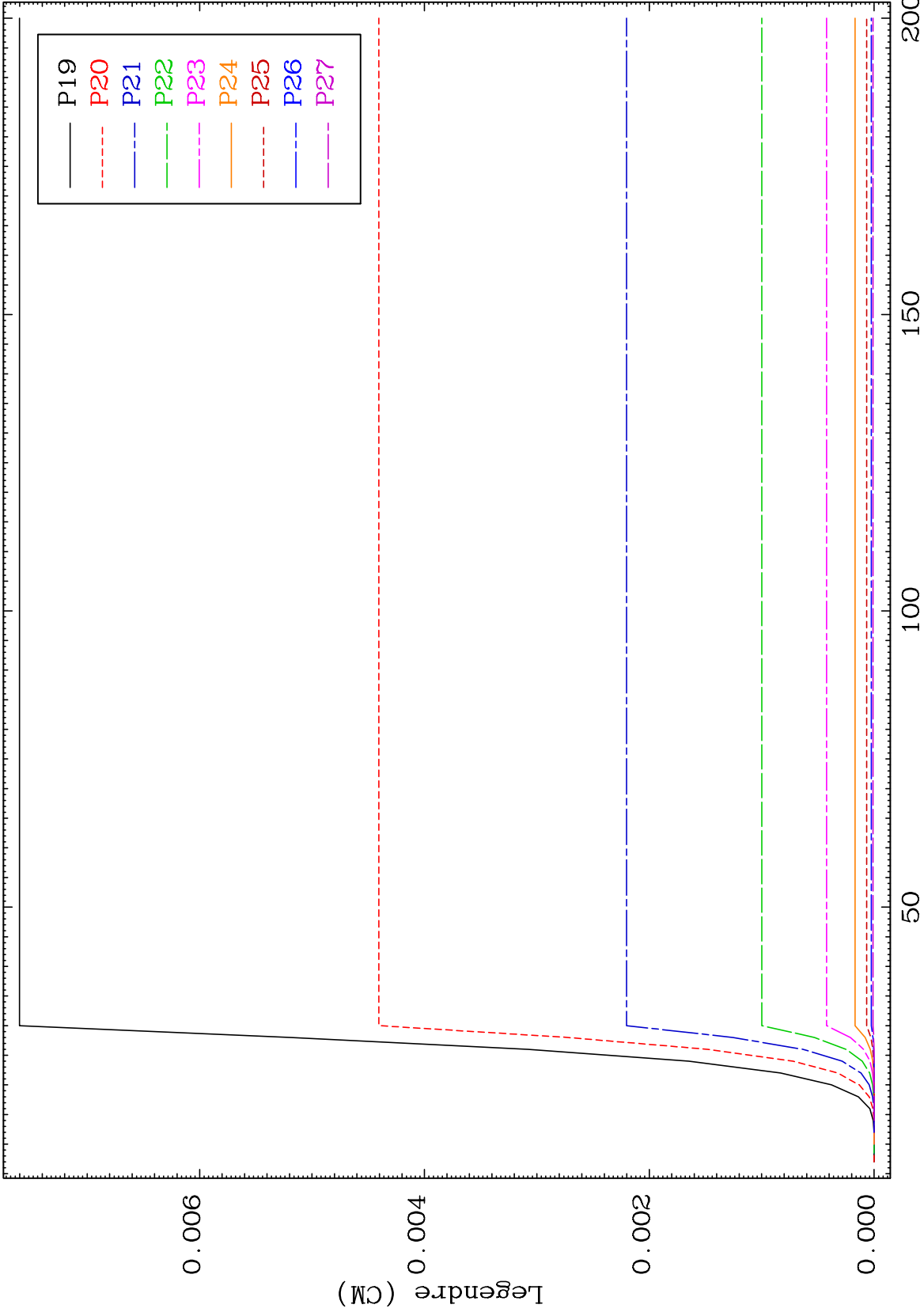
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



22

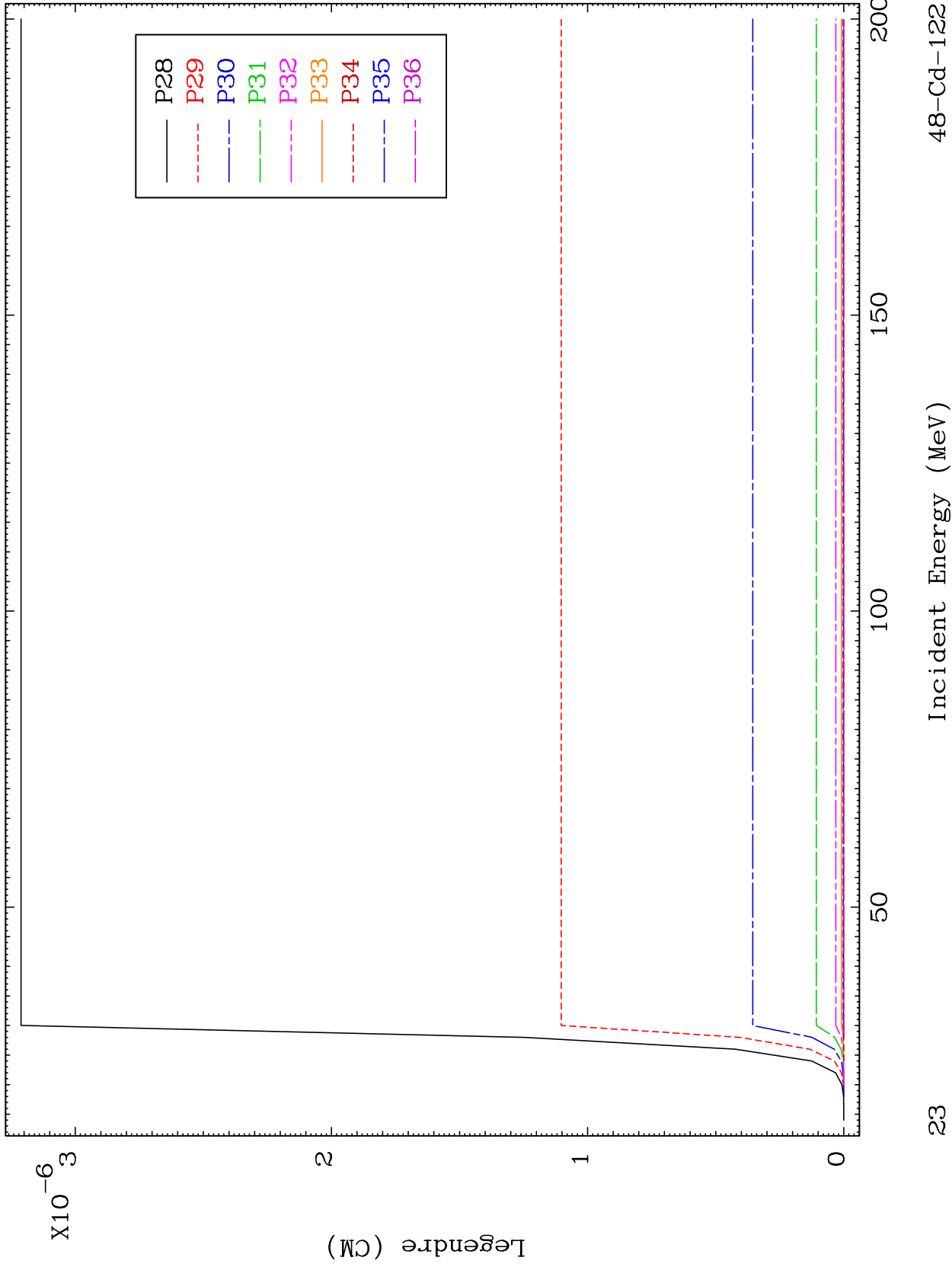
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

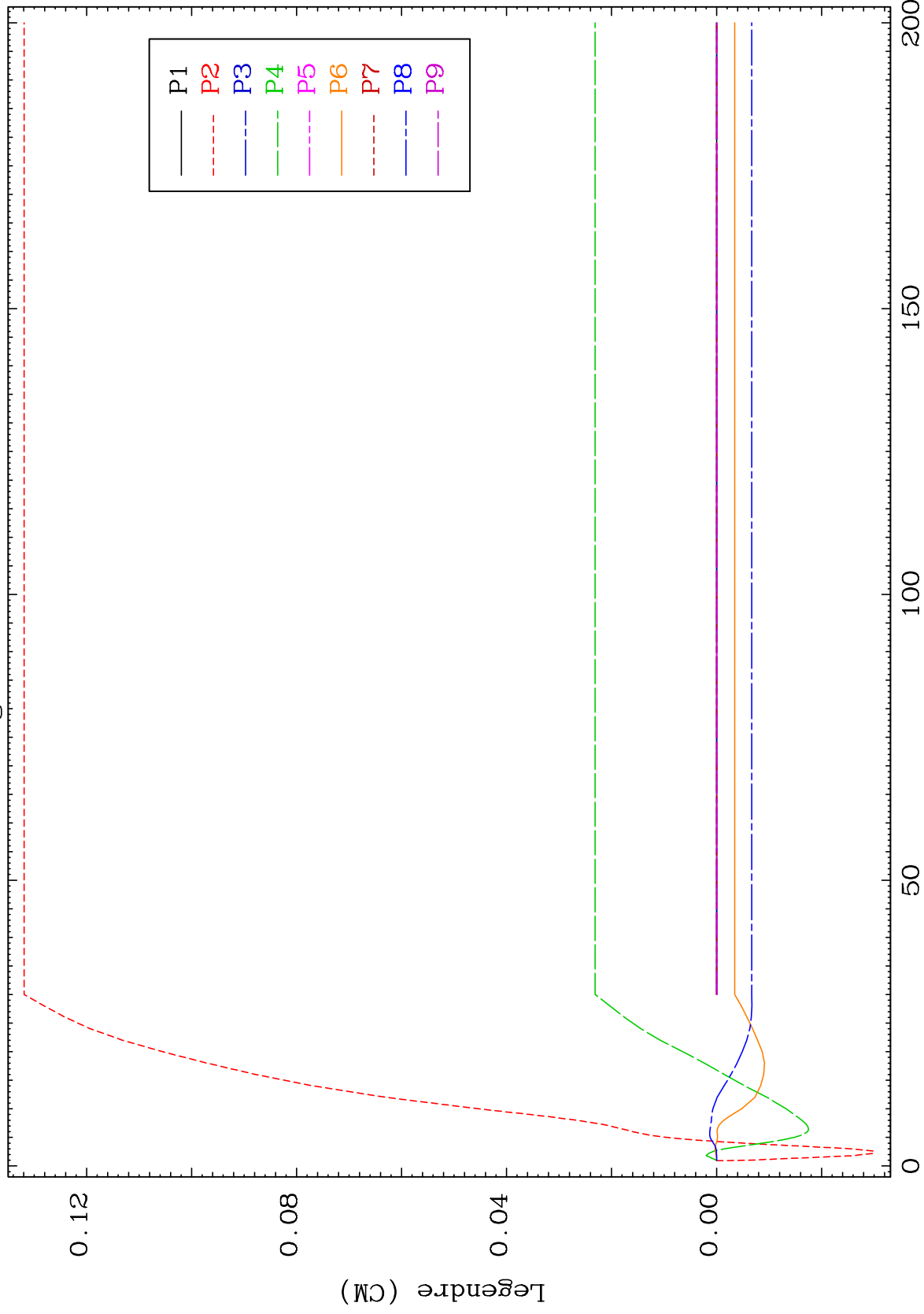
48-Cd-122



MAT 4873

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

48-Cd-122



48-Cd-122

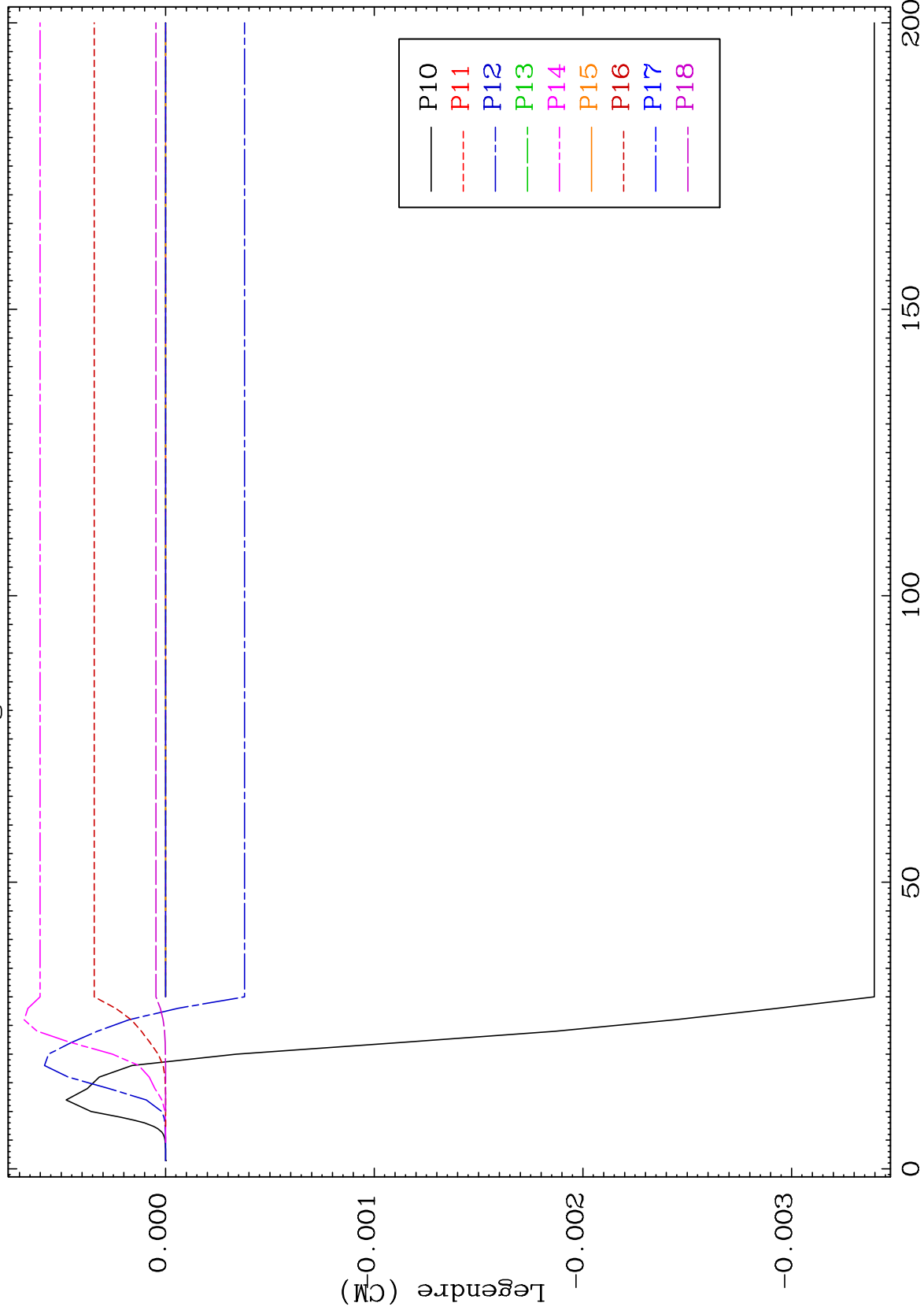
Incident Energy (MeV)

24

MAT 4873

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

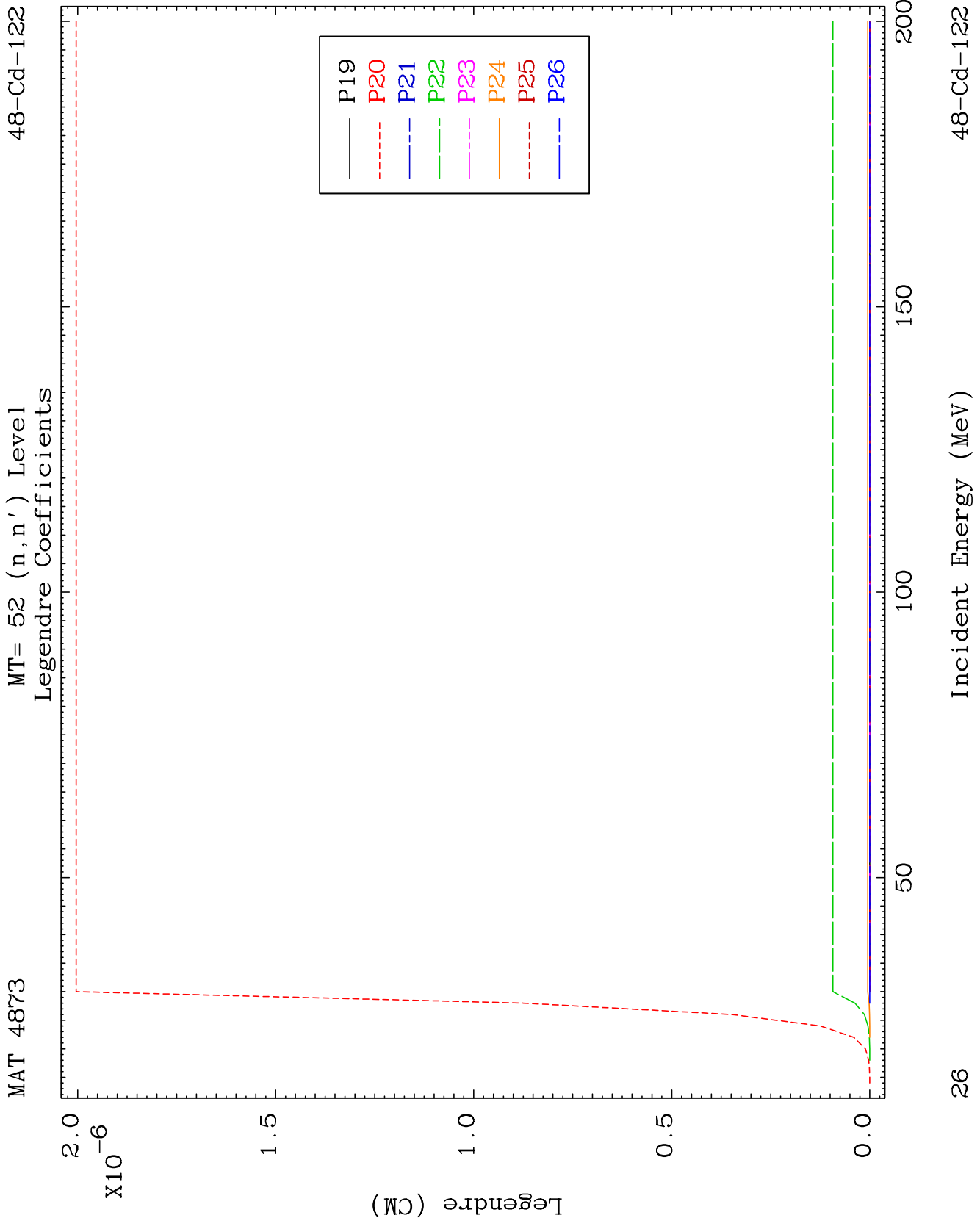
48-Cd-122



25

Incident Energy (MeV)

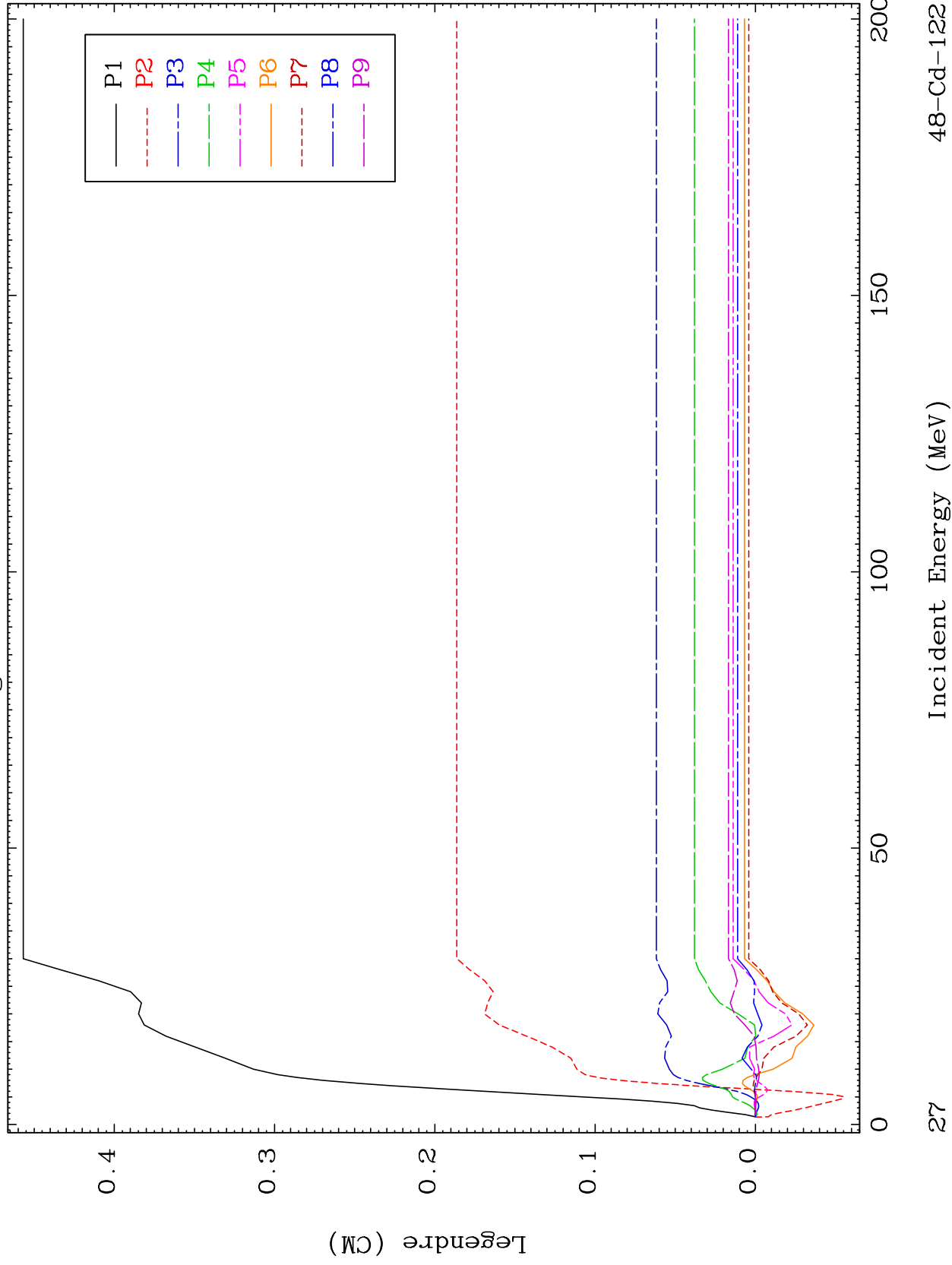
48-Cd-122



MAT 4873

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

48-Cd-122



48-Cd-122

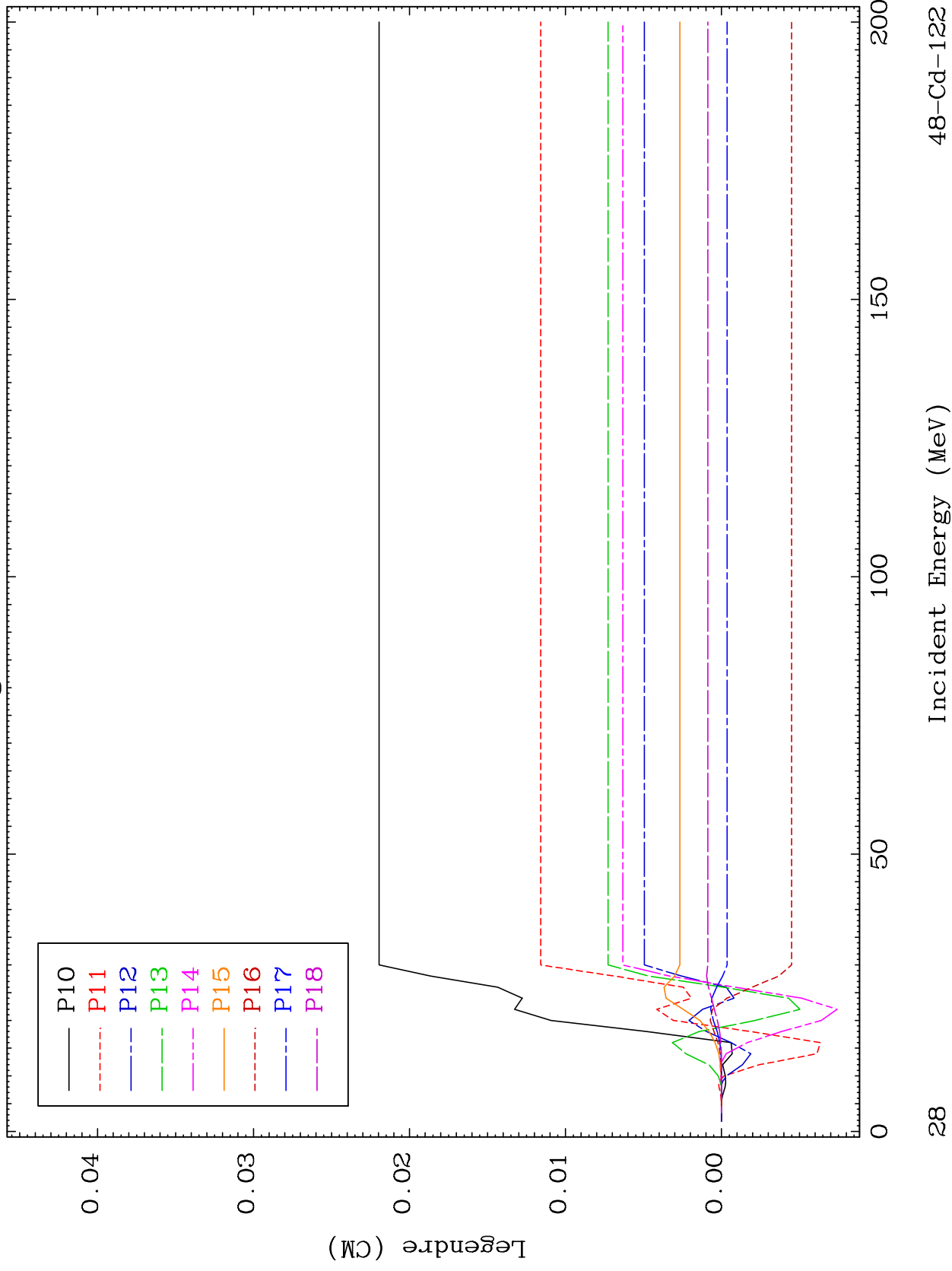
Incident Energy (MeV)

27

MAT 4873

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

48-Cd-122



48-Cd-122

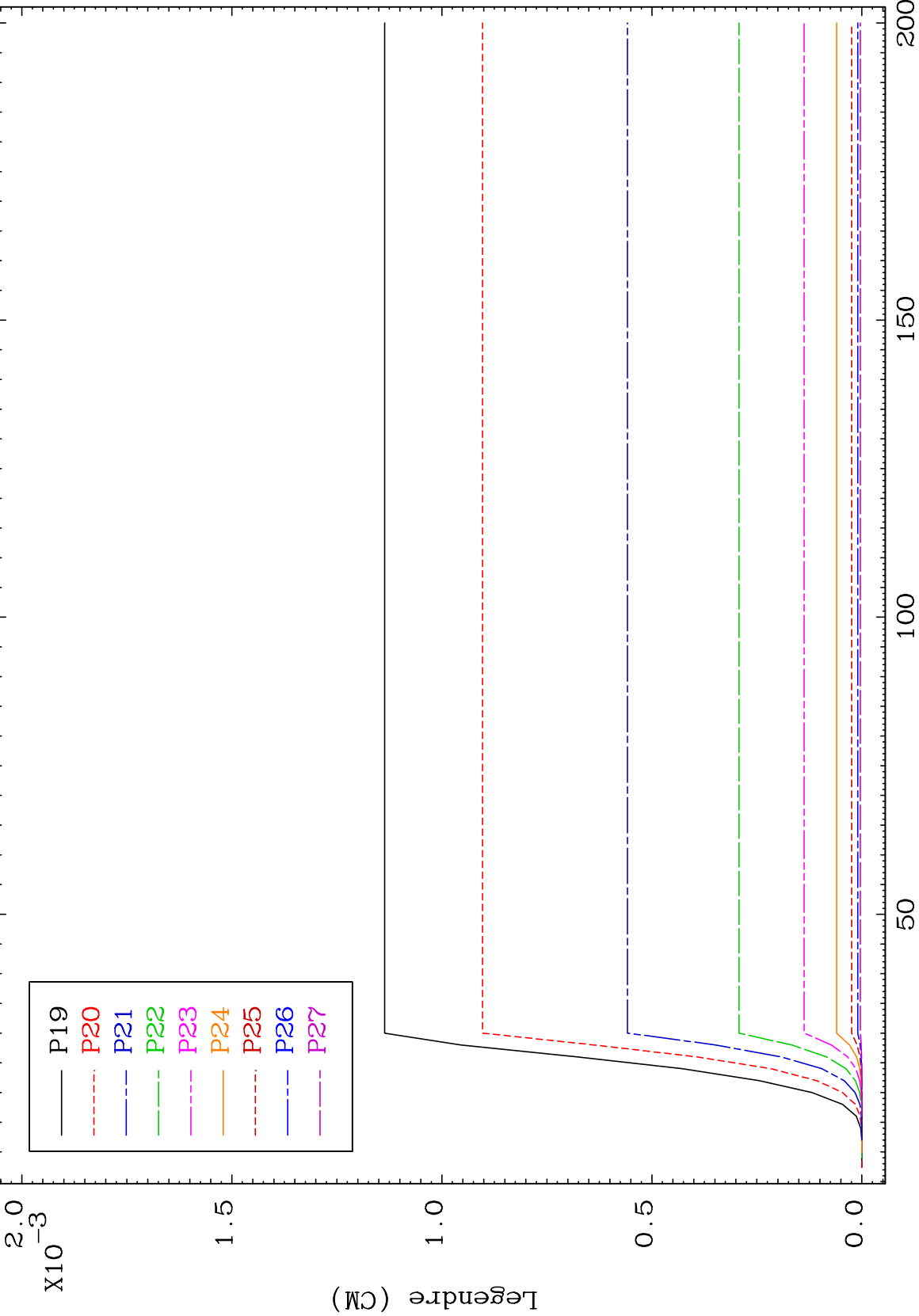
Incident Energy (MeV)

28

MAT 4873

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

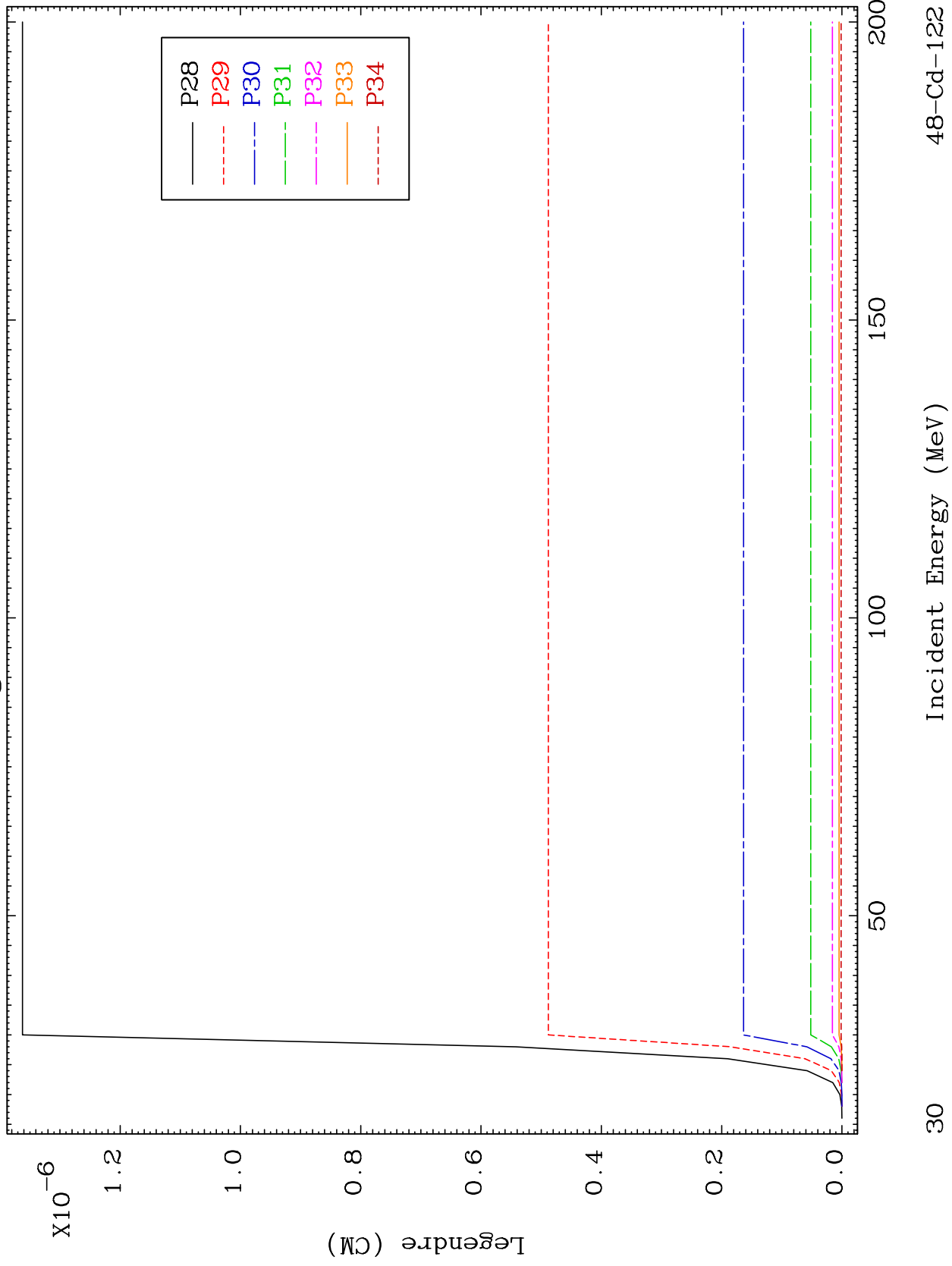
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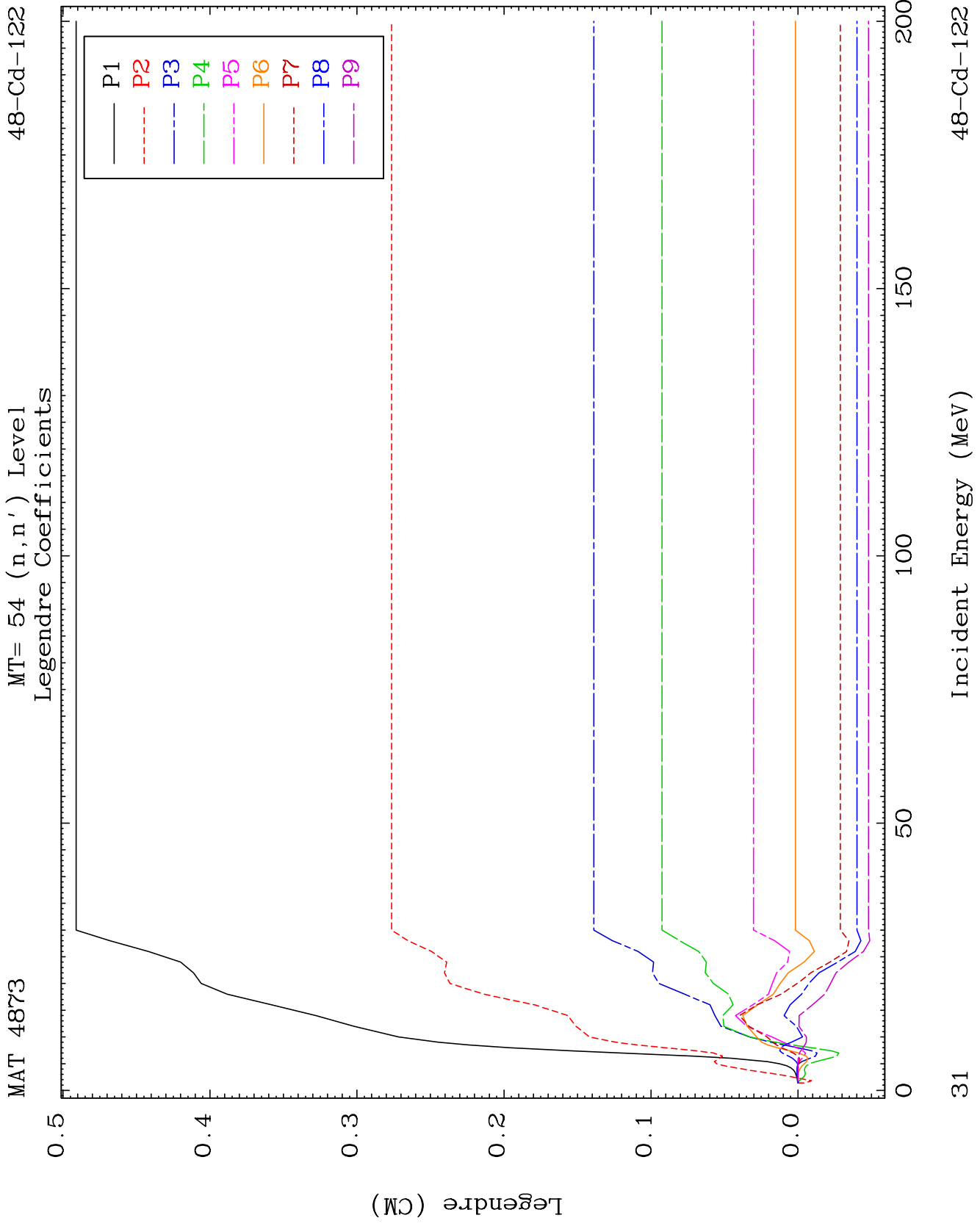


MAT 4873

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

48-Cd-122

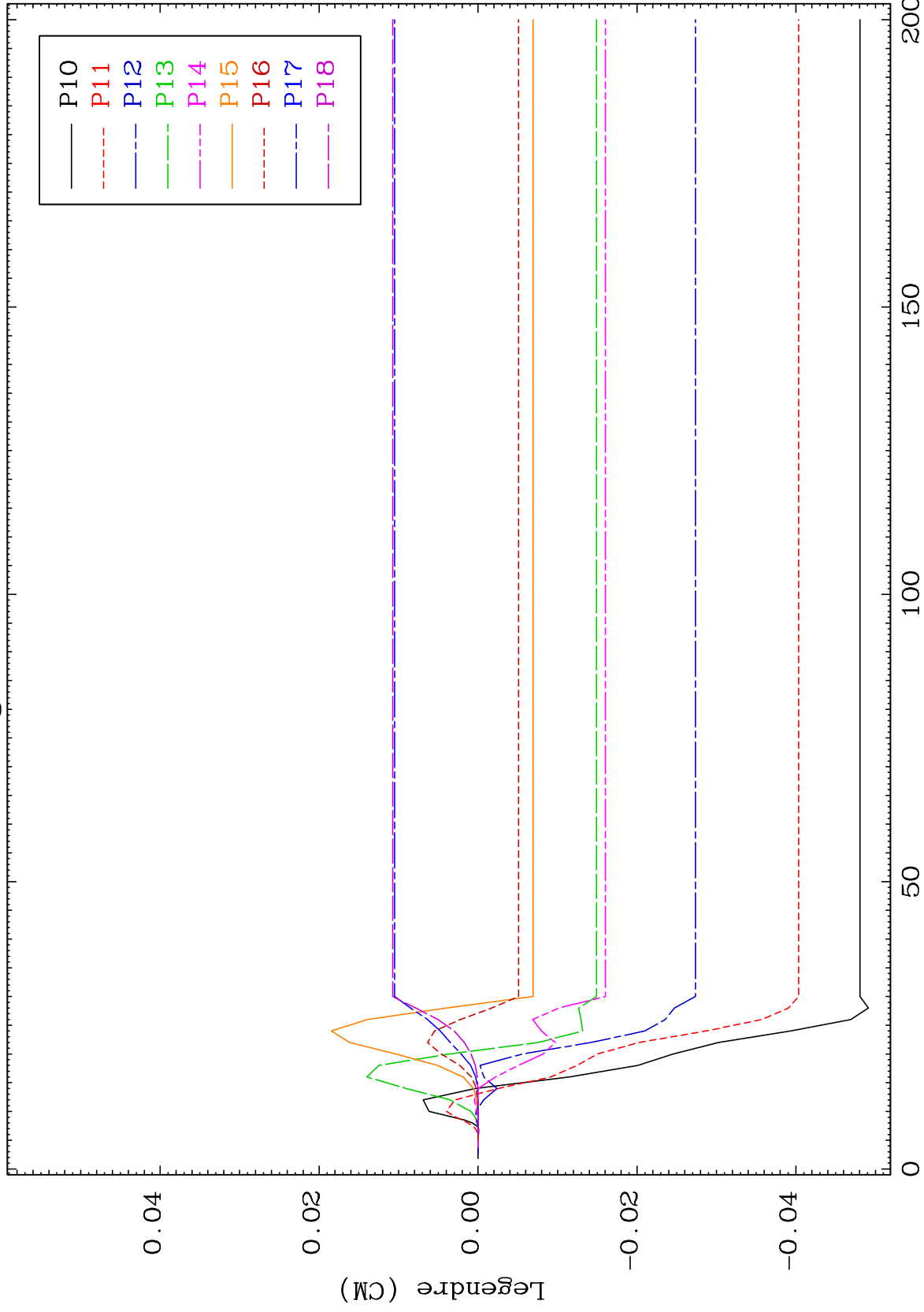




MAT 4873

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

48-Cd-122



32

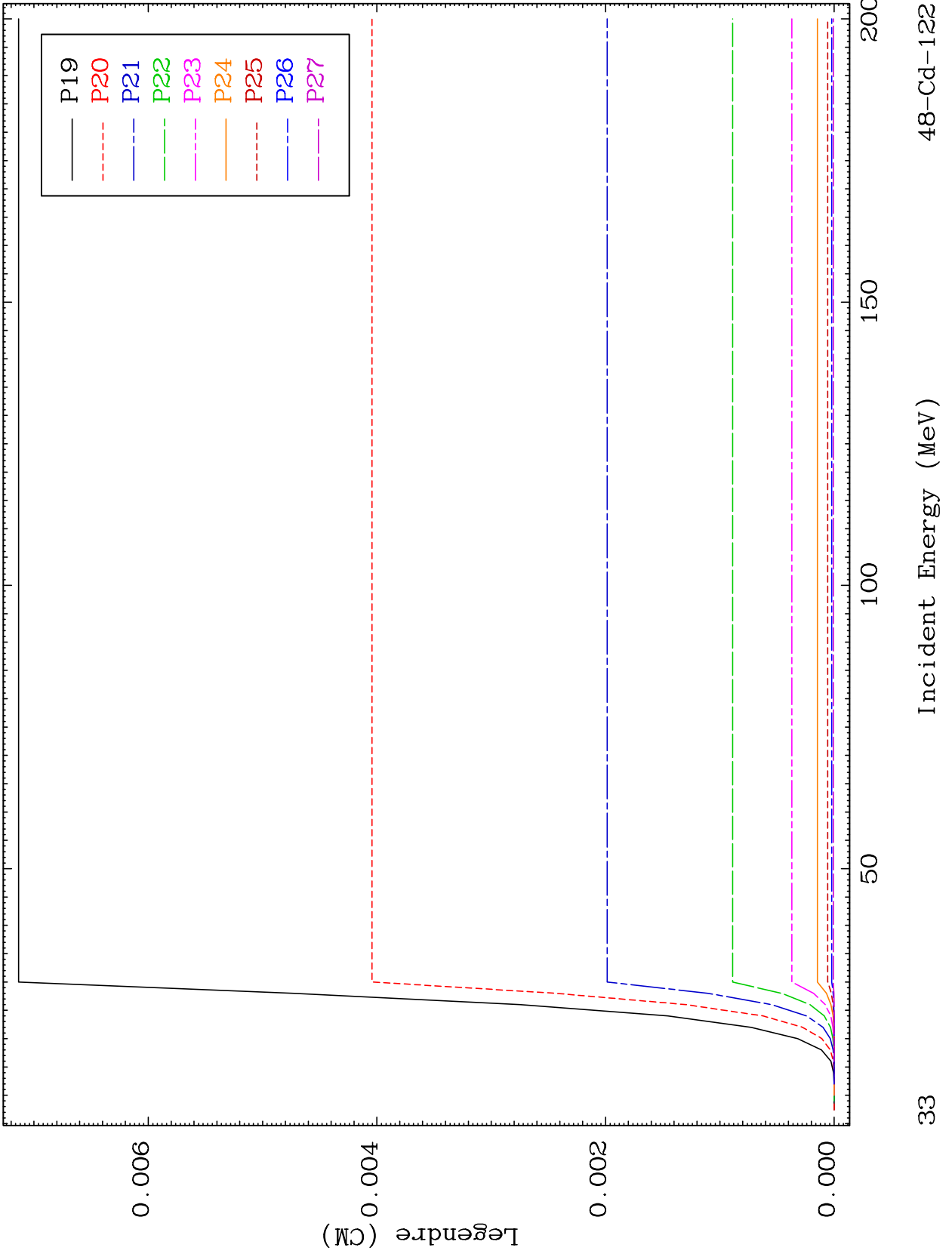
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



33

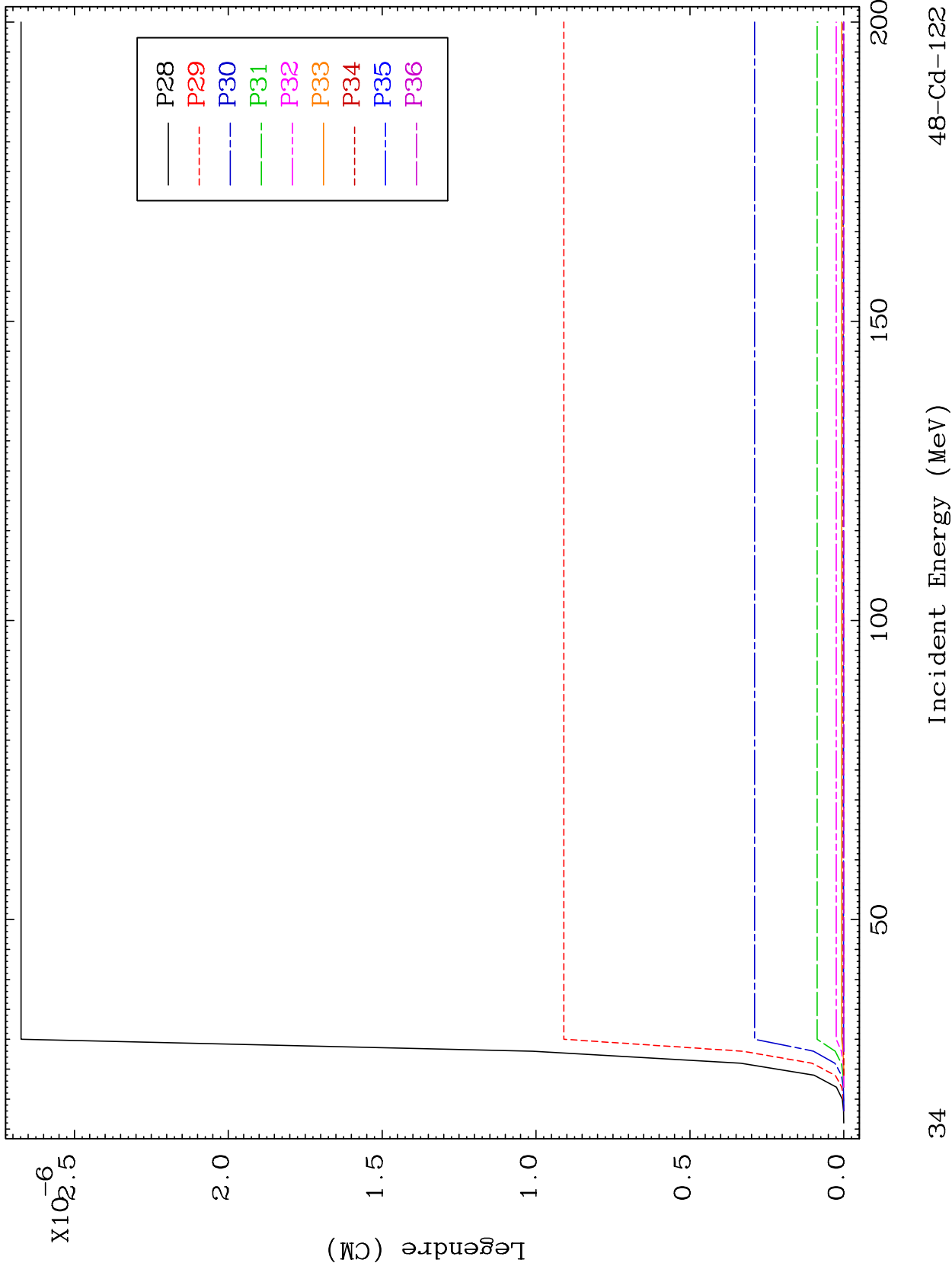
Incident Energy (MeV)

48-Cd-122

MAT 4873

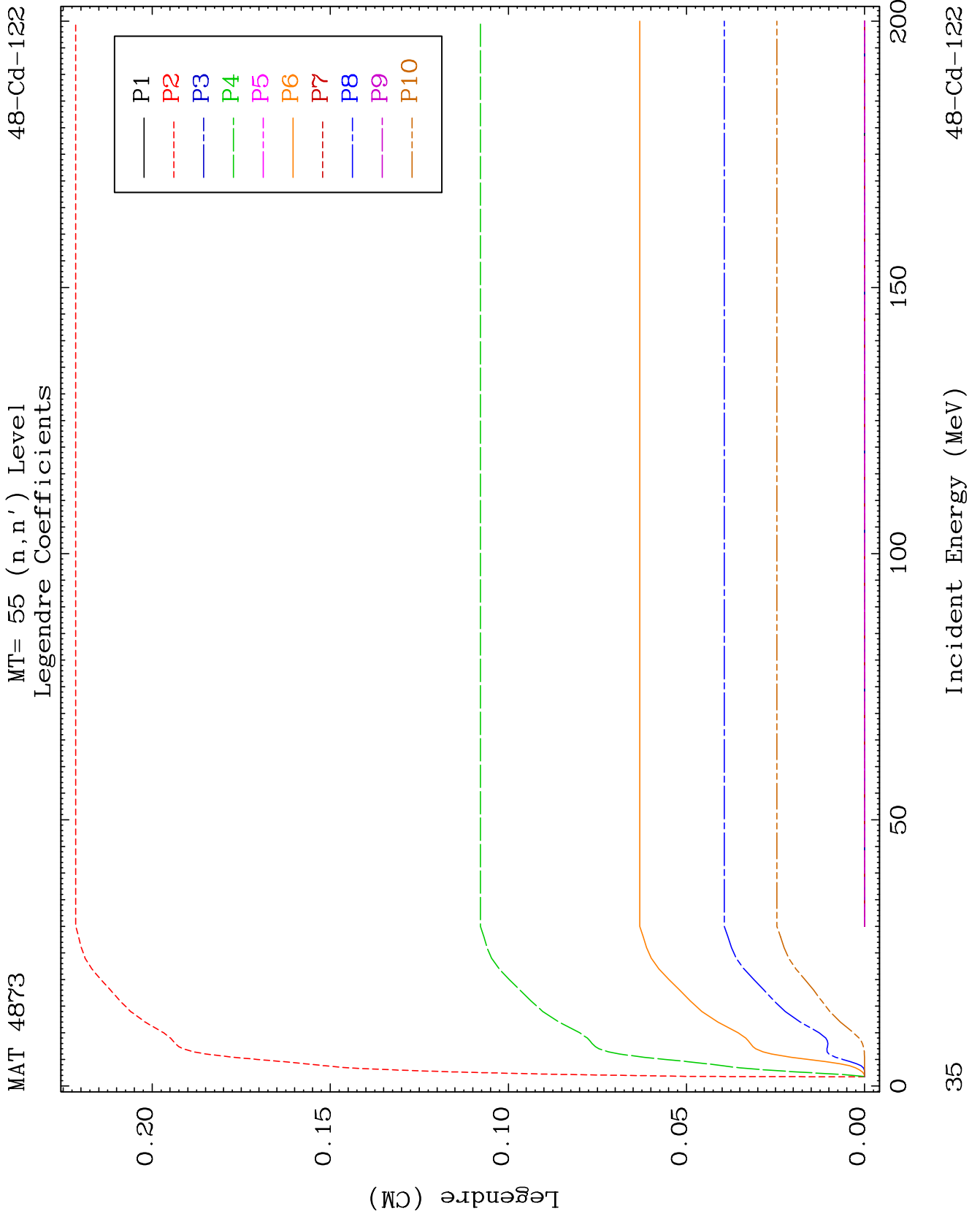
MT= 54 (n,n') Level
Legendre Coefficients

48-Cd-122



34

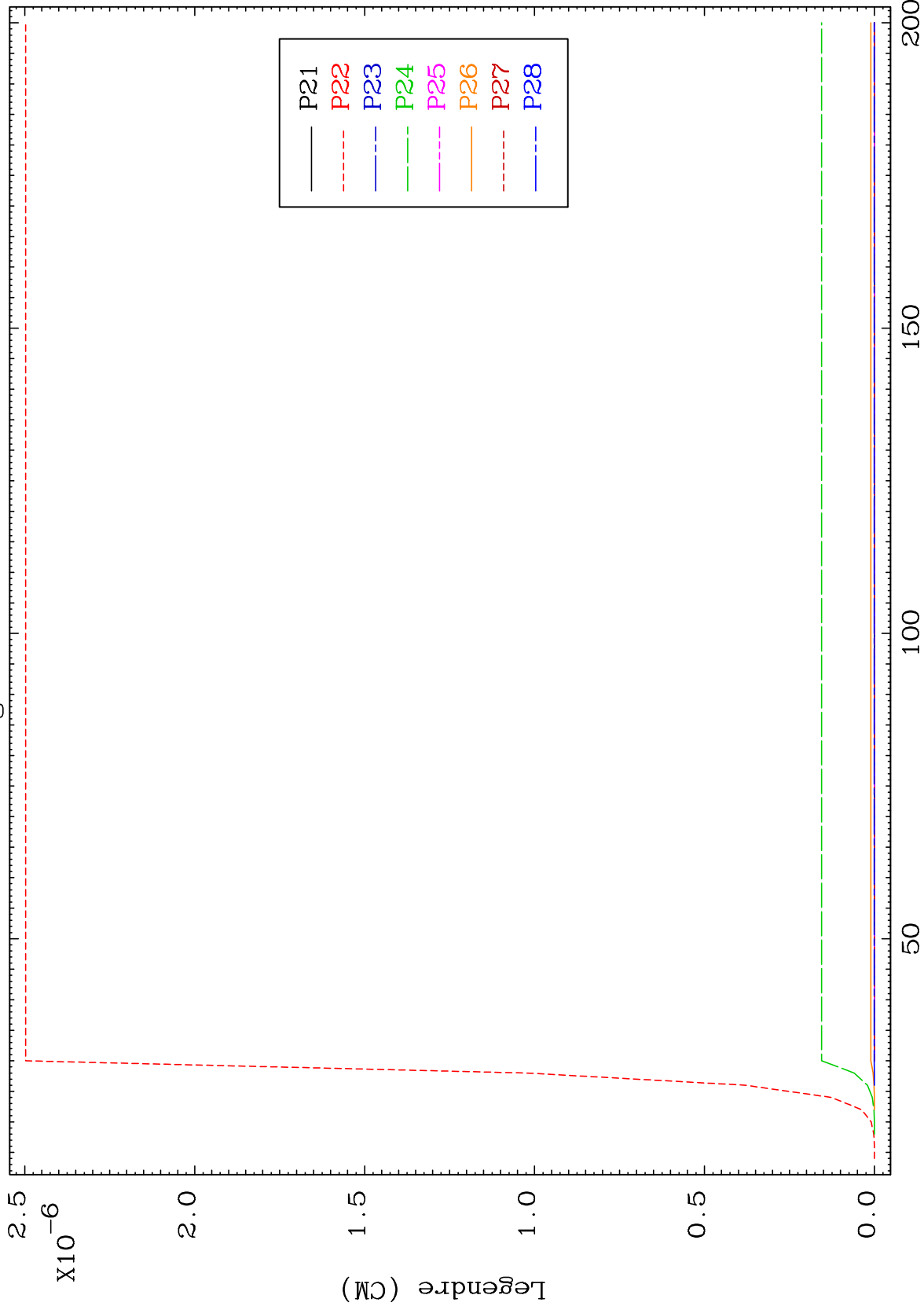
48-Cd-122



MAT 4873

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

48-Cd-122



37

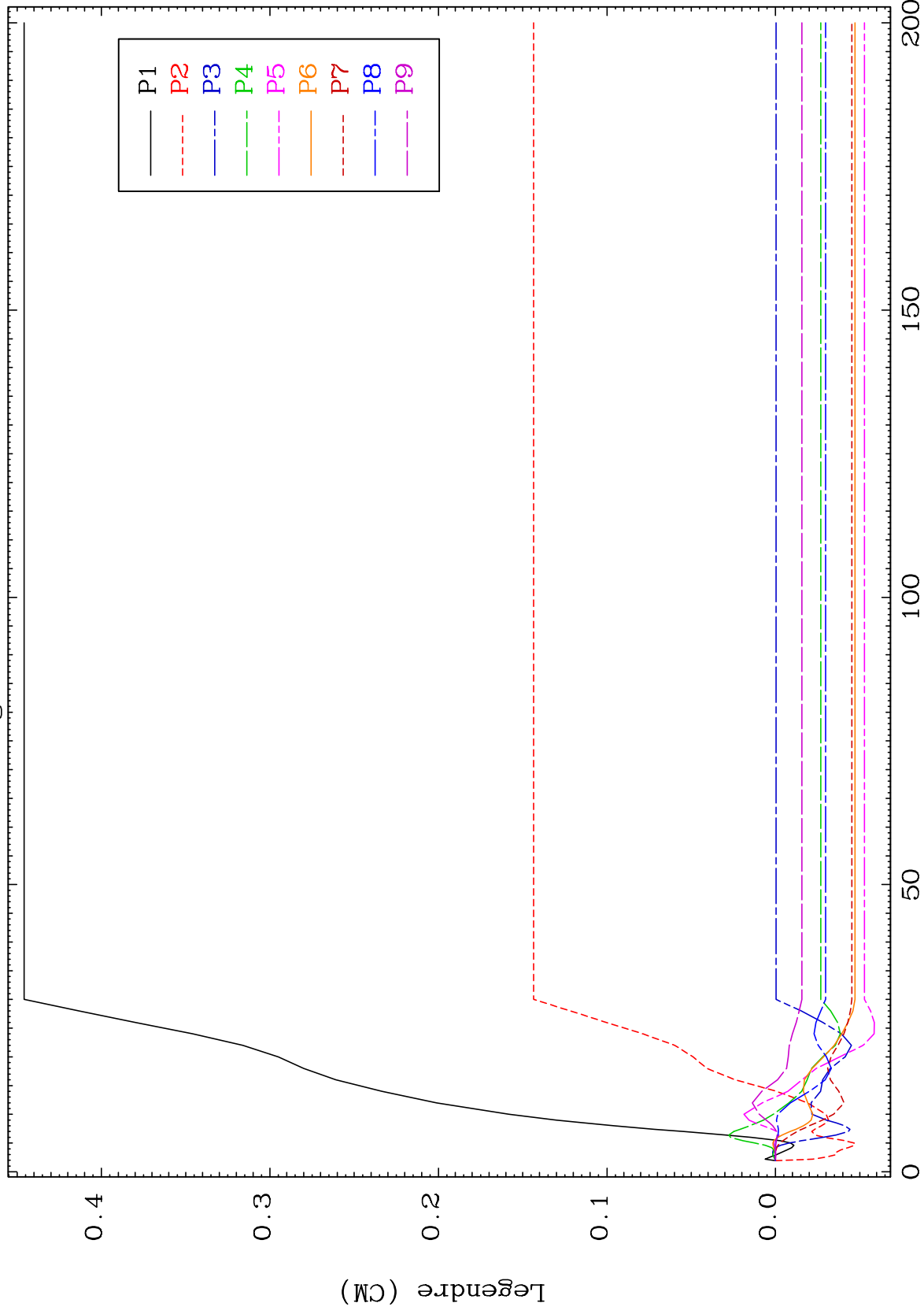
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



38

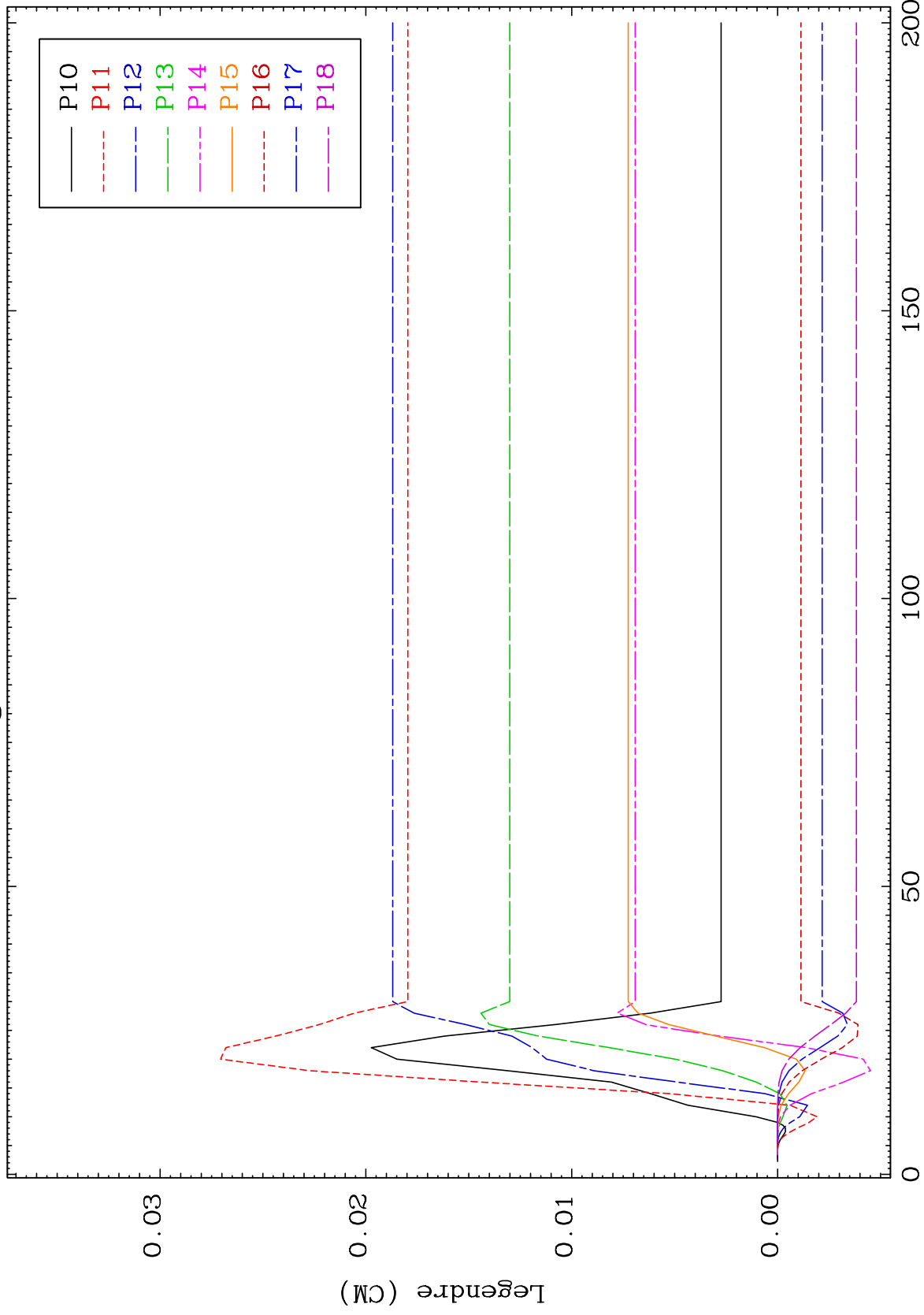
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



39

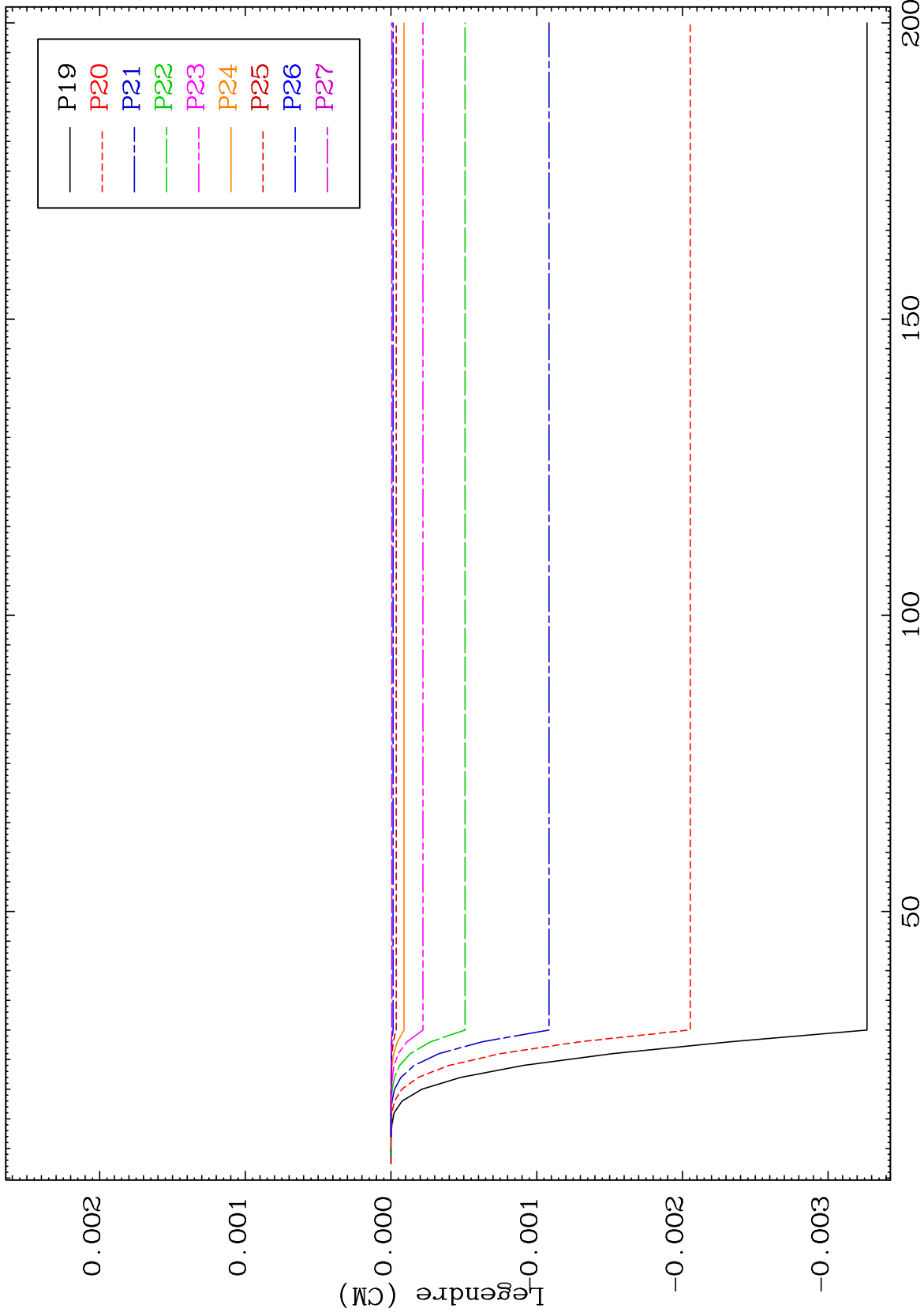
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

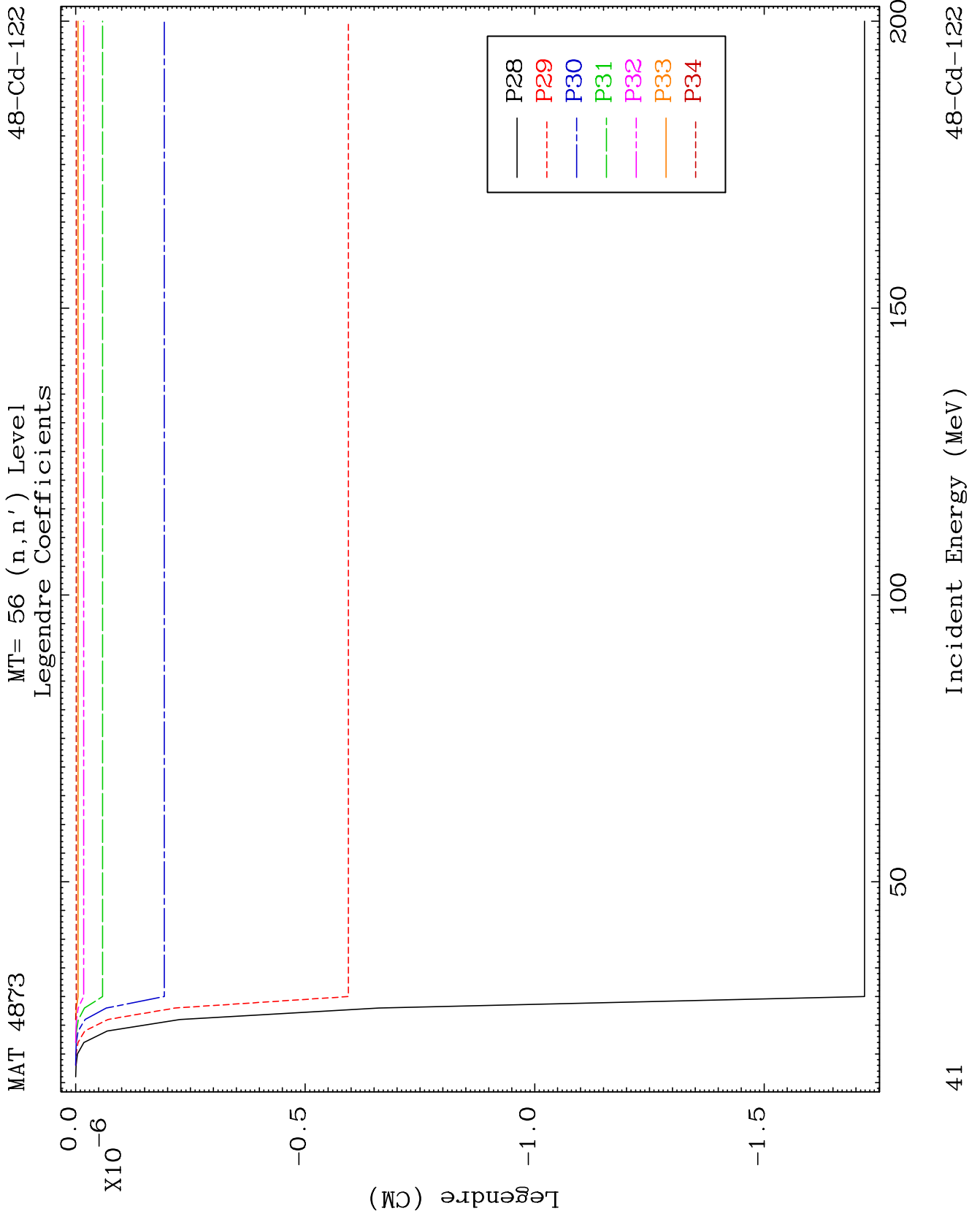
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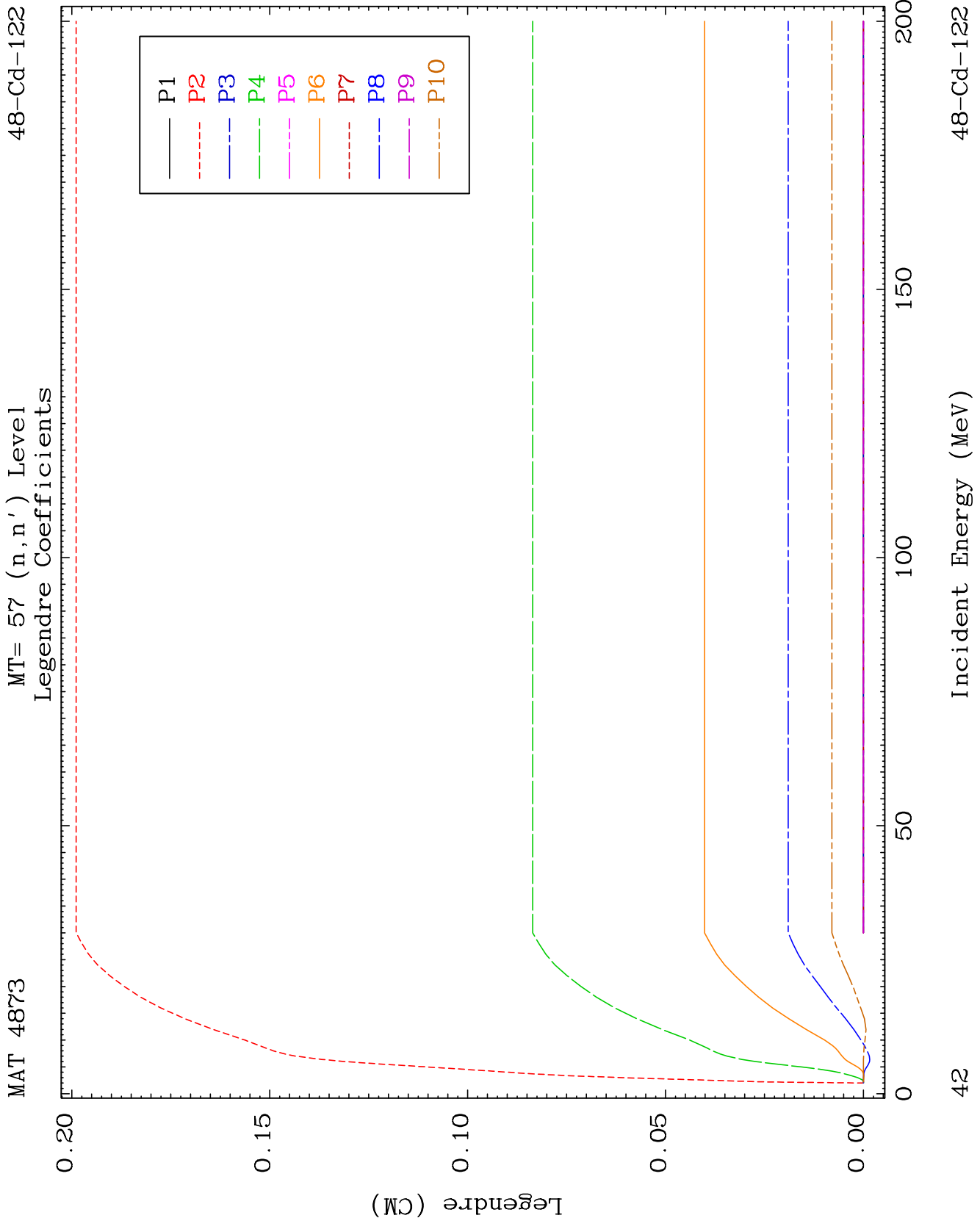


40

Incident Energy (MeV)

48-Cd-122

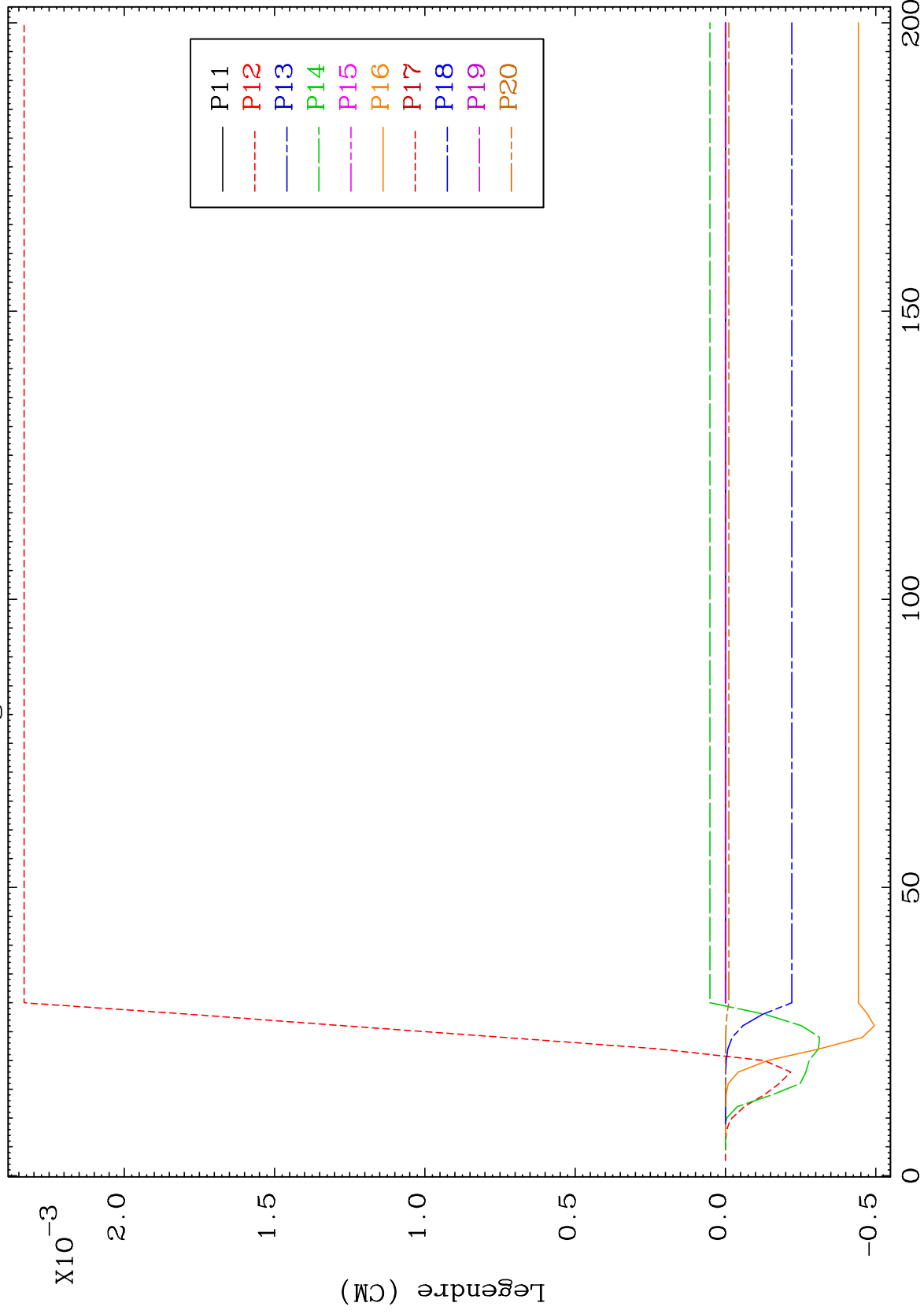




MAT 4873

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

48-Cd-122



43

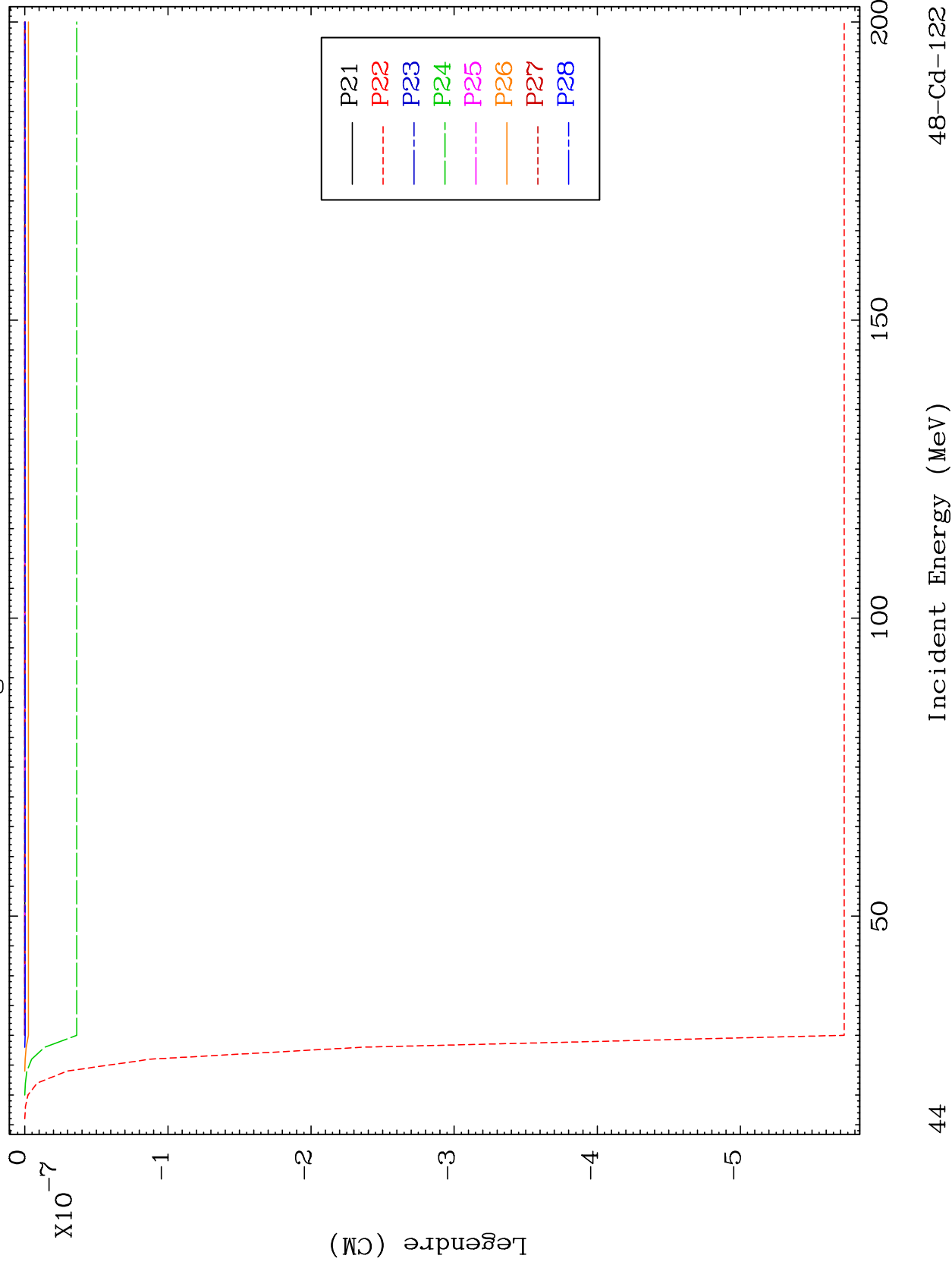
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

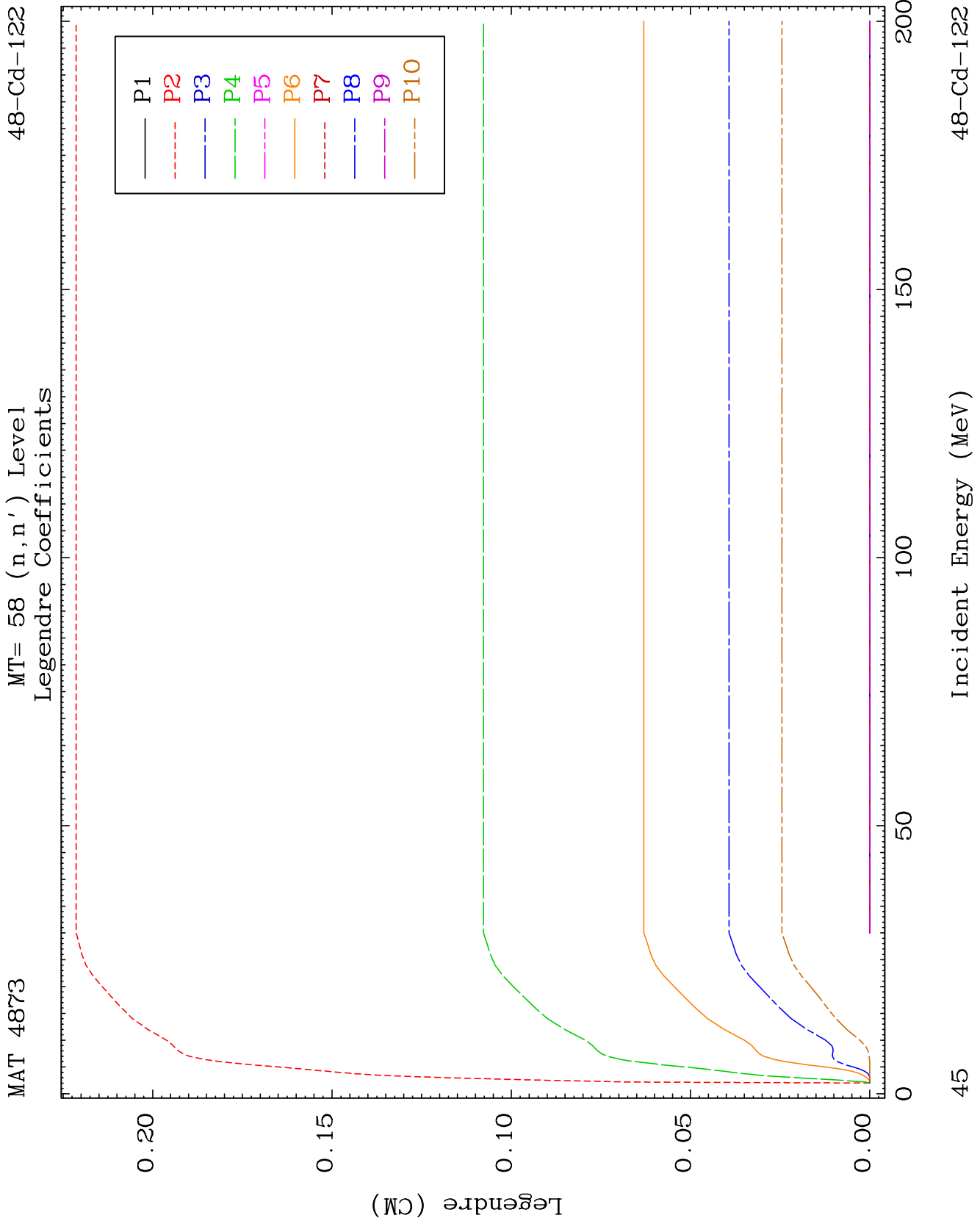
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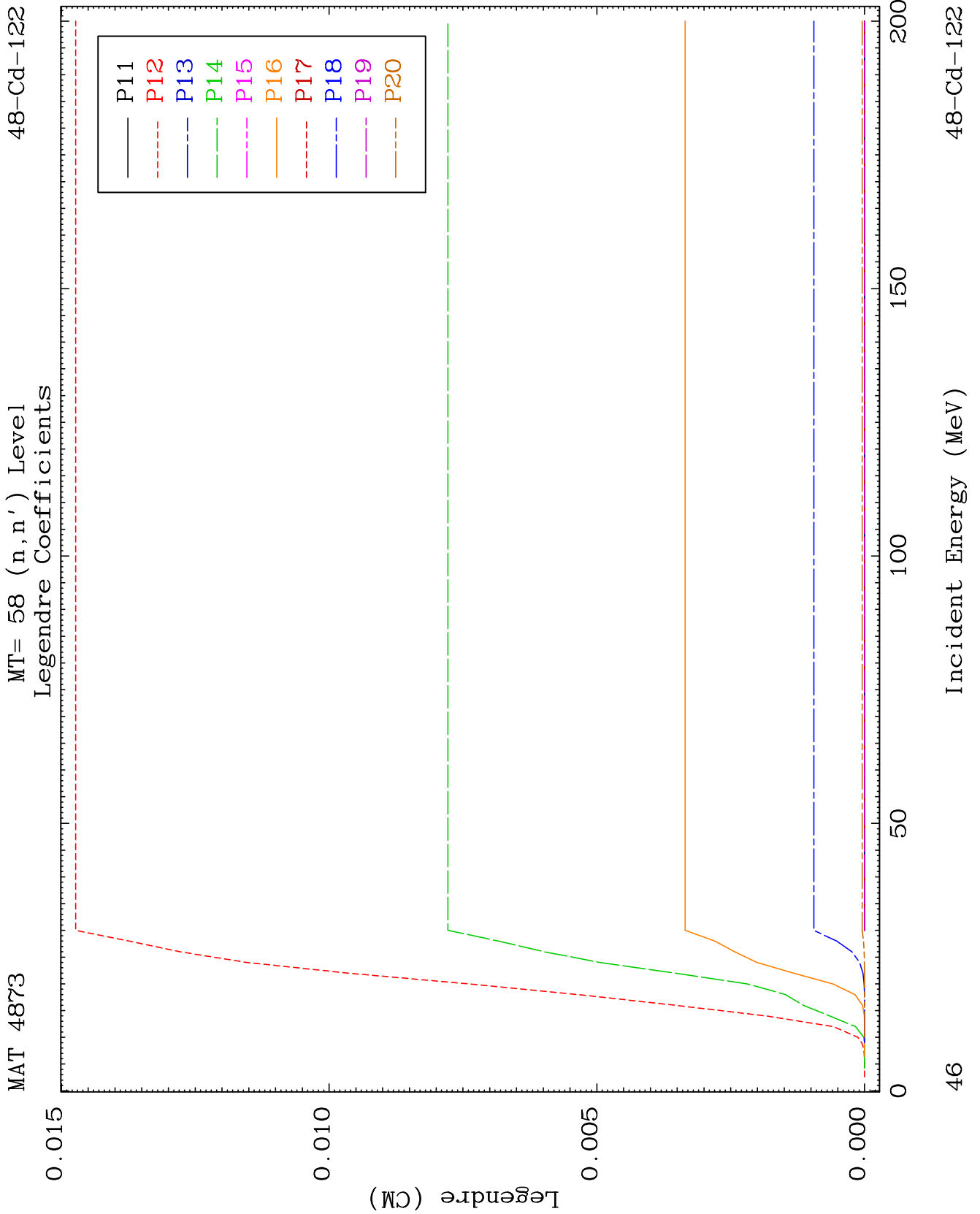


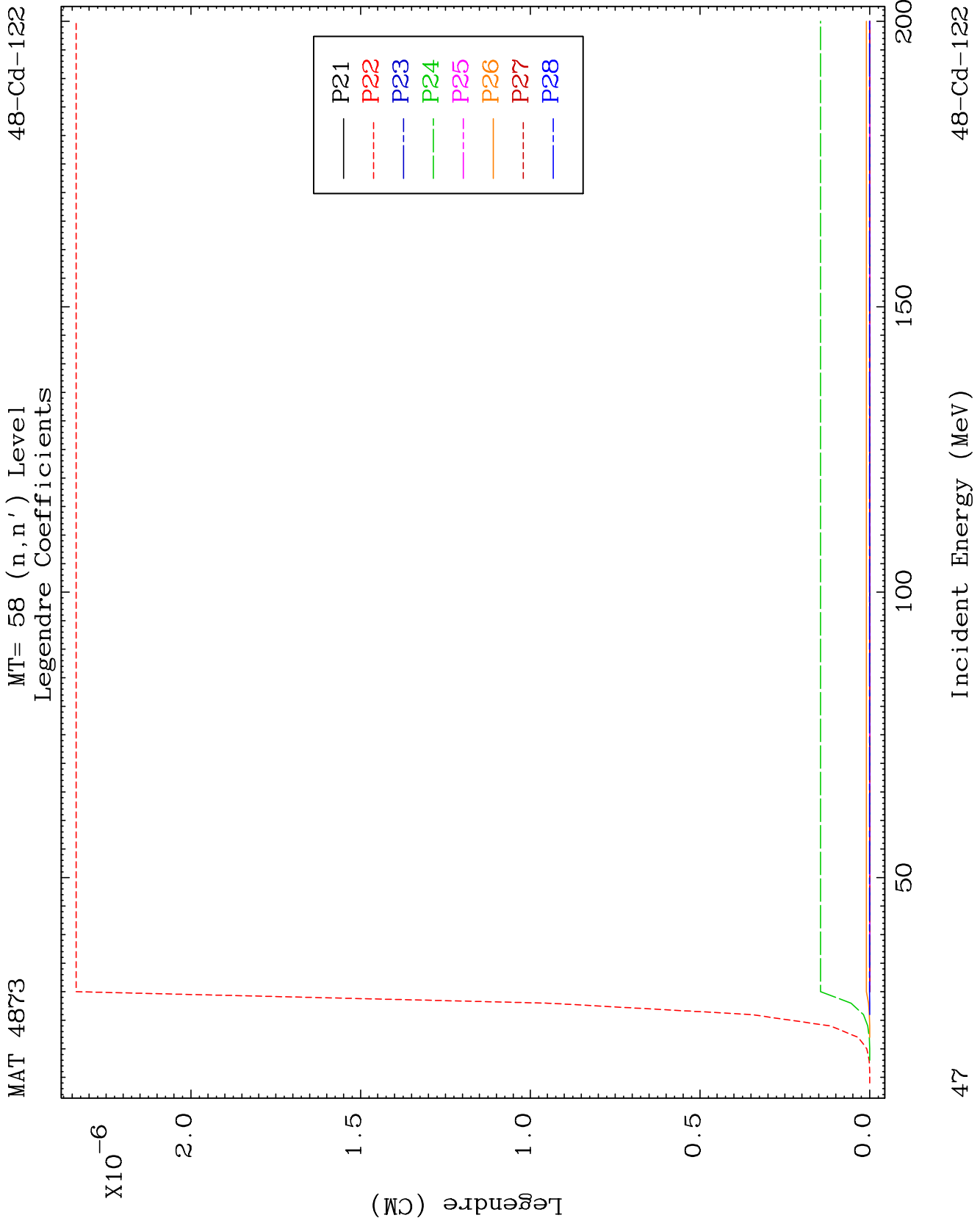
44

Incident Energy (MeV)

48-Cd-122



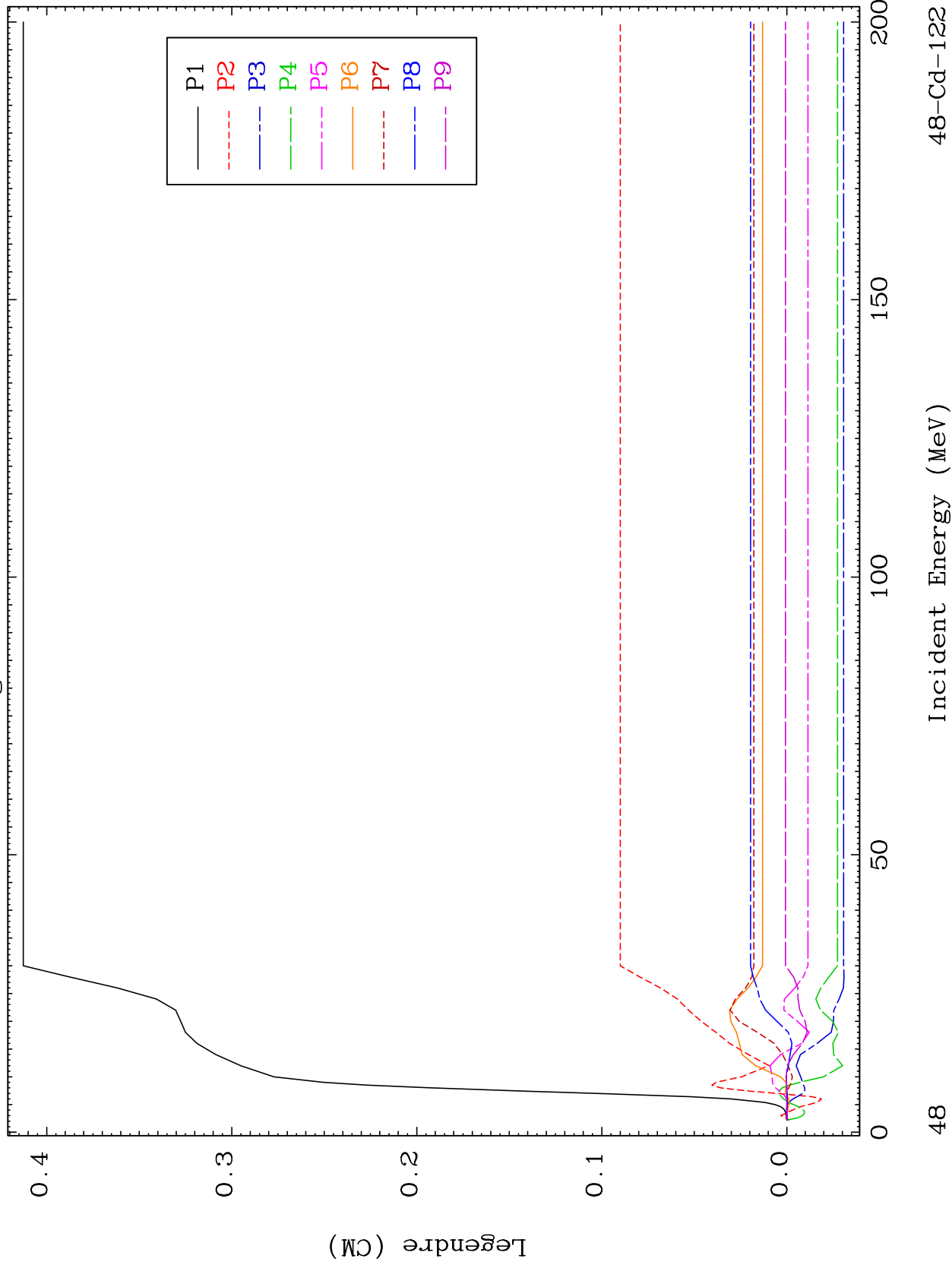




MAT 4873

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

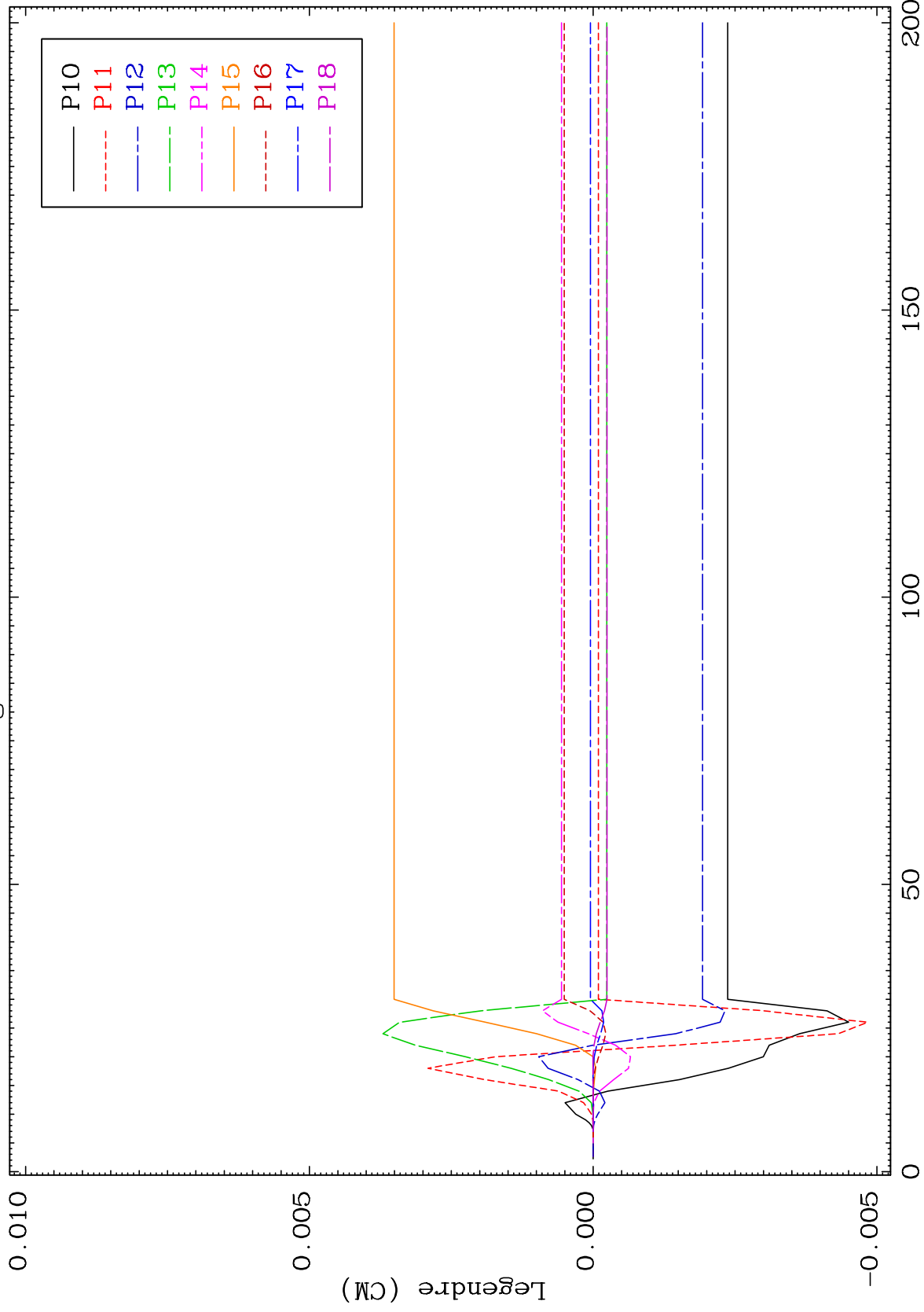
48-Cd-122



MAT 4873

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

48-Cd-122



49

Incident Energy (MeV)

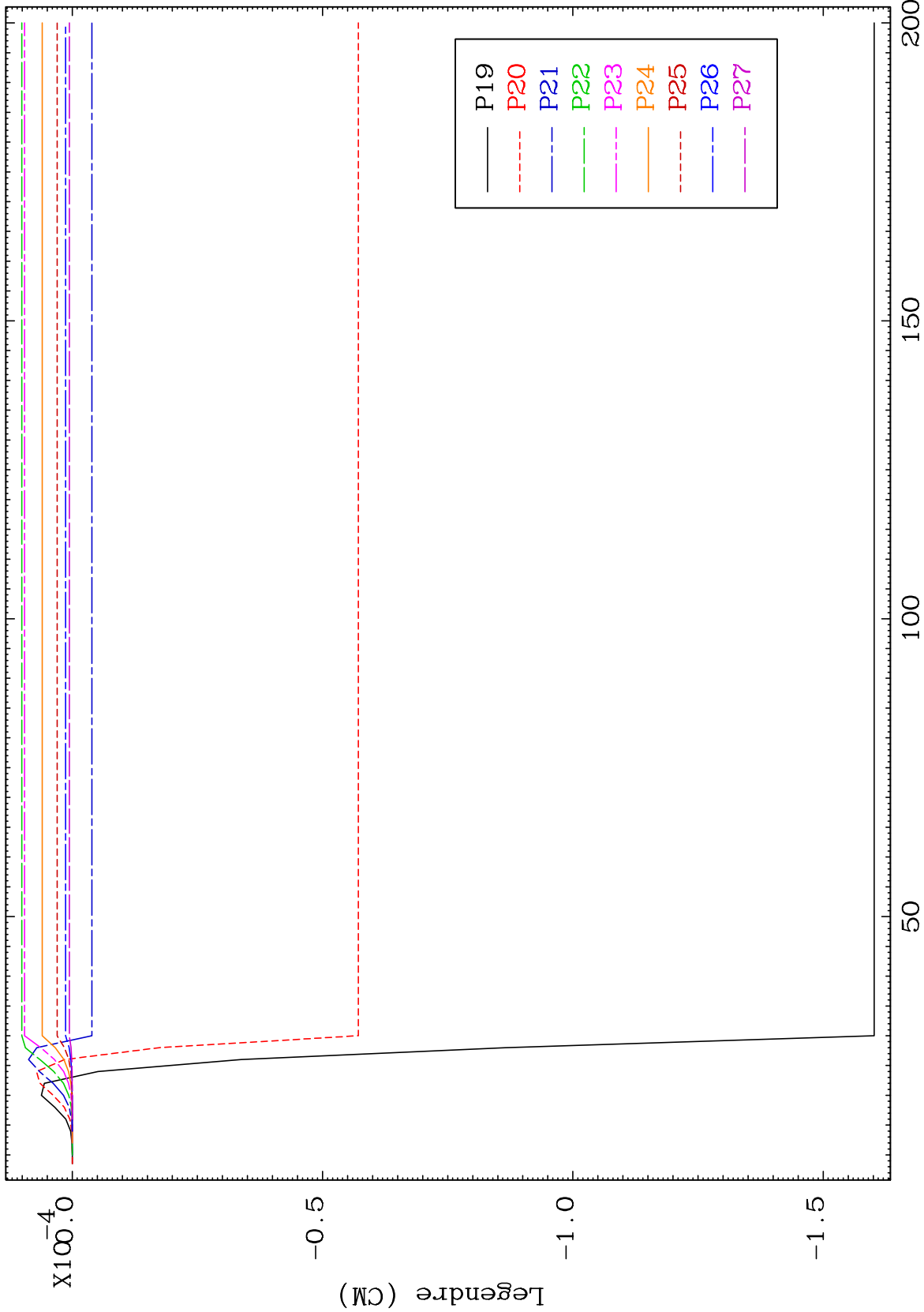
48-Cd-122

MAT 4873

MT= 59 (n,n') Level

48-Cd-122

Legendre Coefficients



50

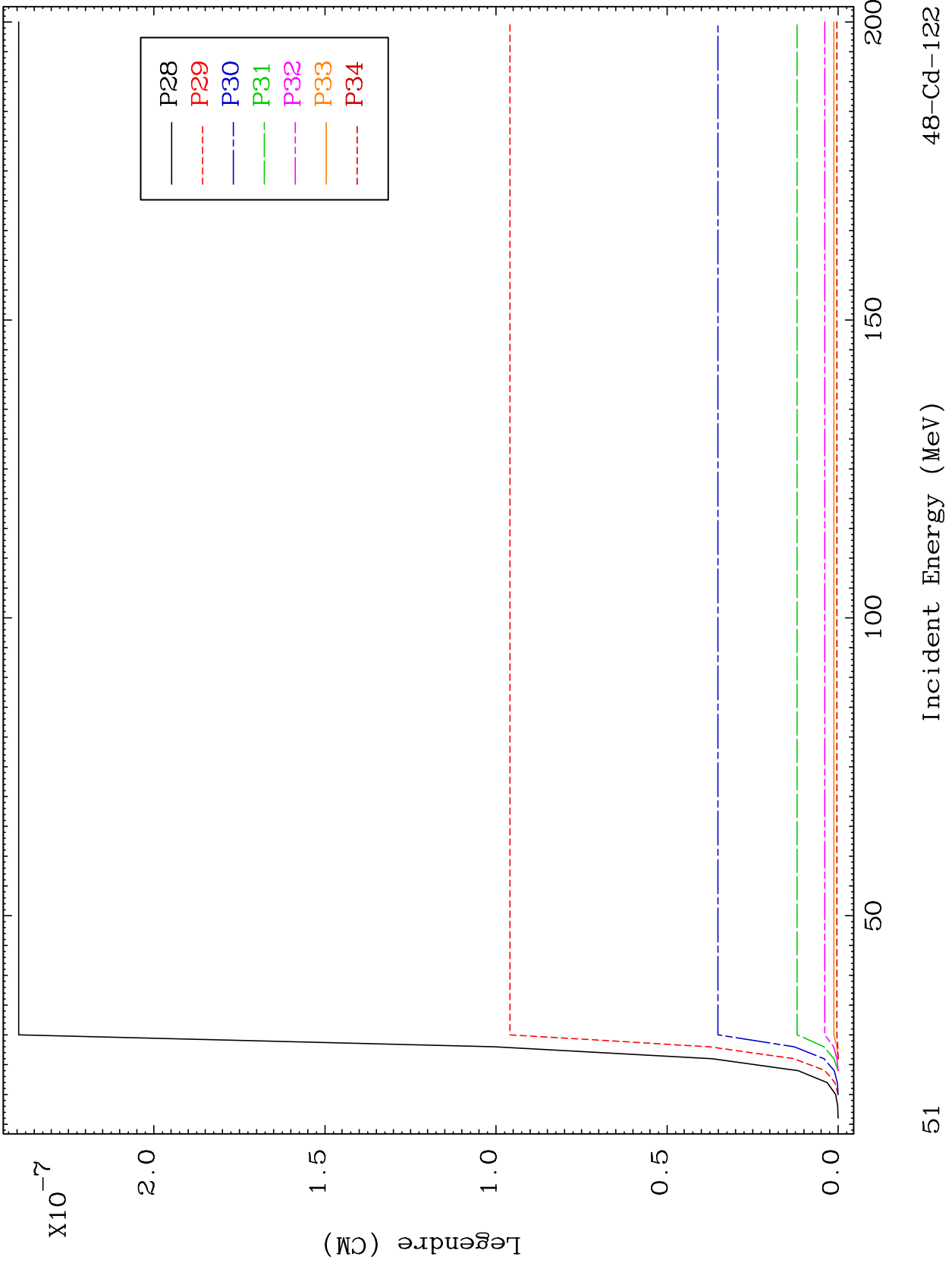
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

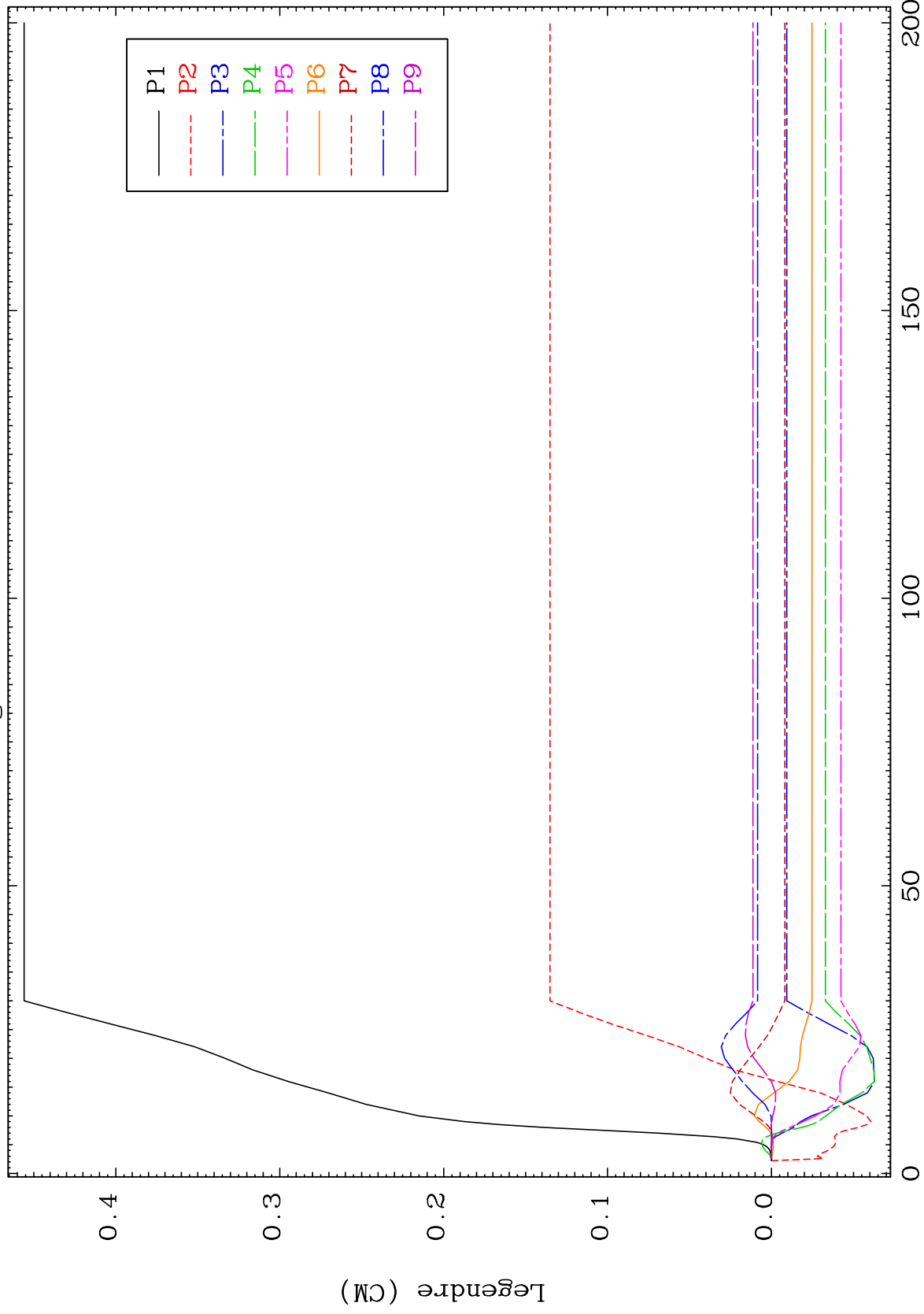
48-Cd-122



MAT 4873

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

48-Cd-122



48-Cd-122

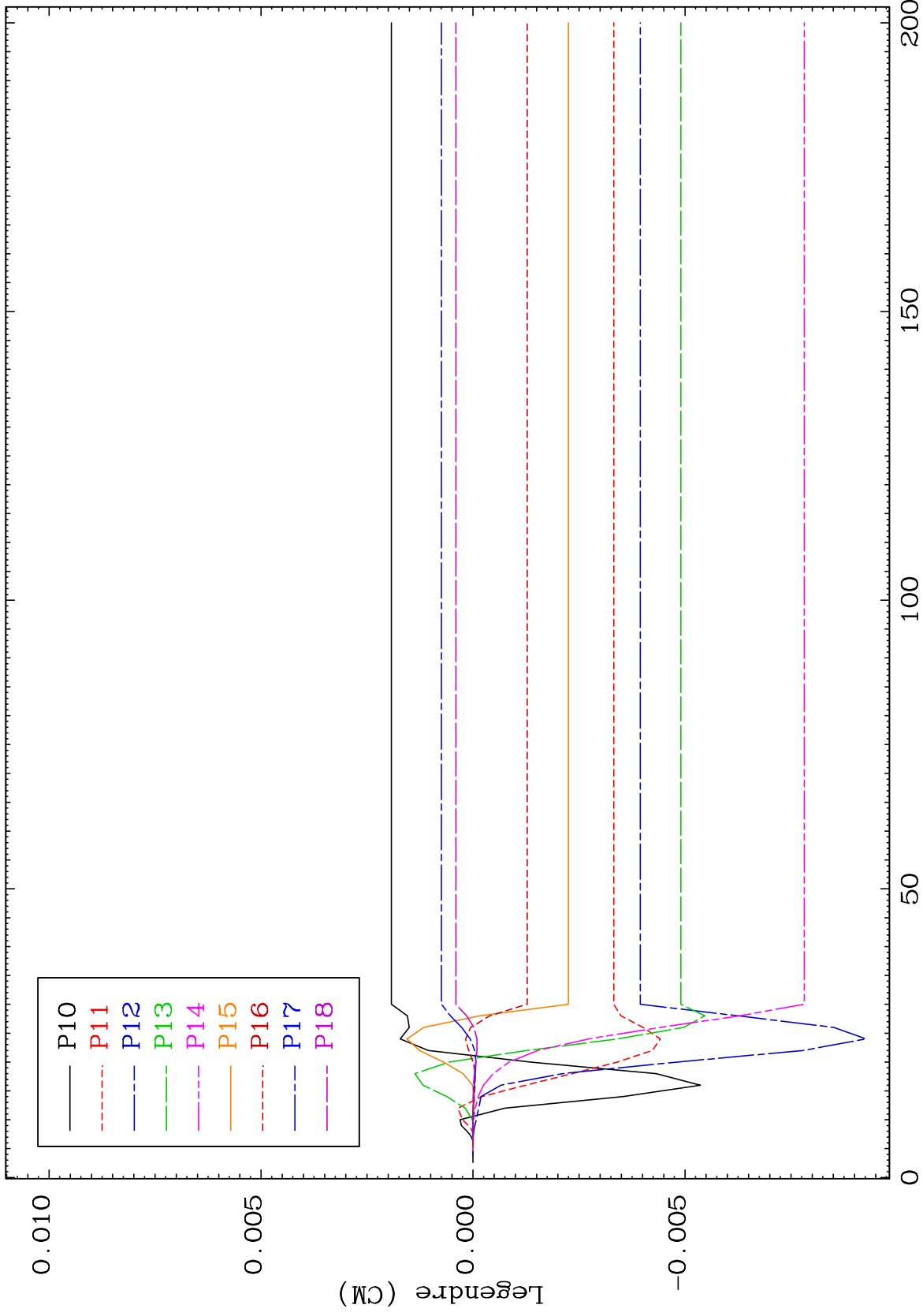
Incident Energy (MeV)

52

MAT 4873

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

48-Cd-122



53

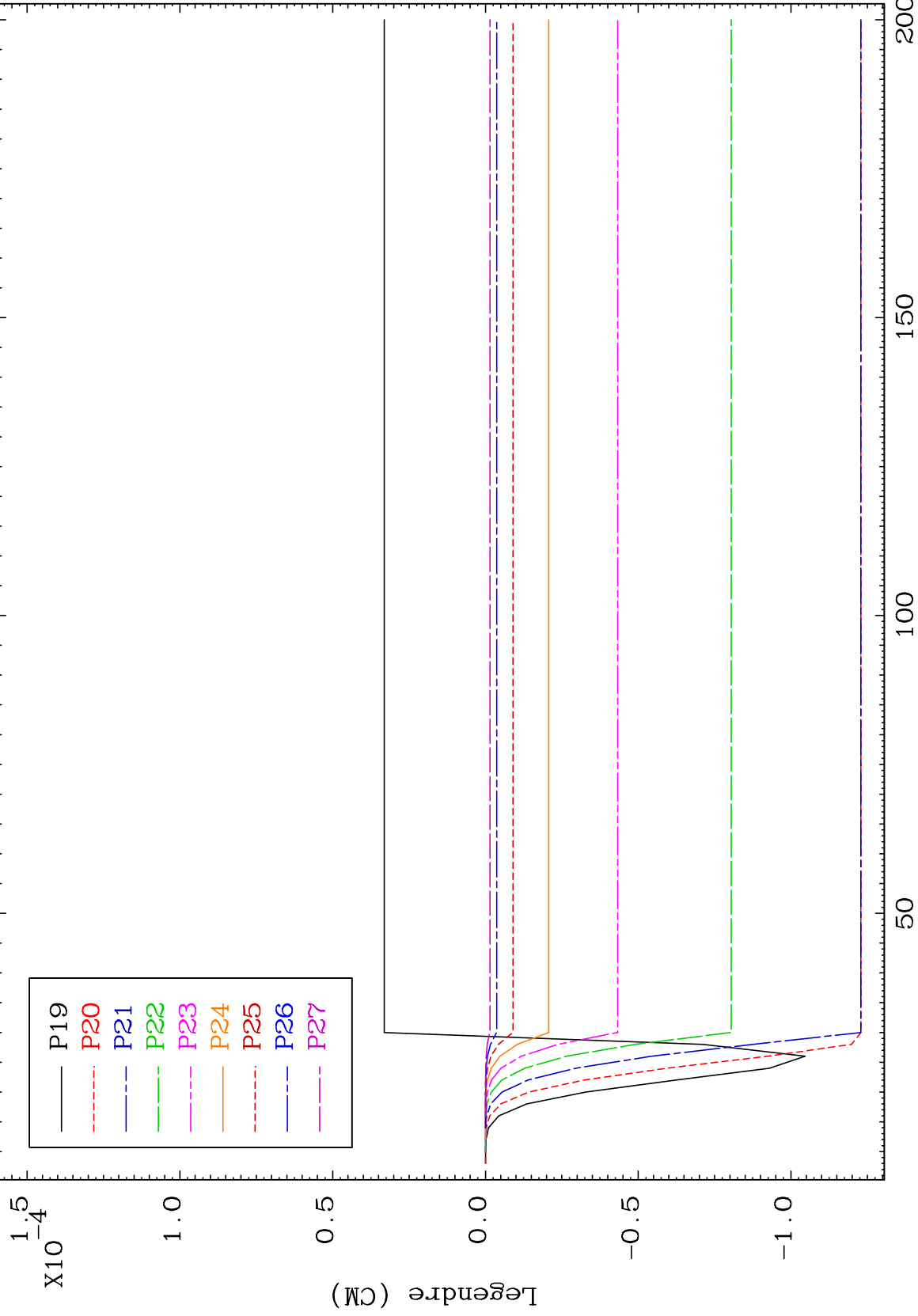
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



54

Incident Energy (MeV)

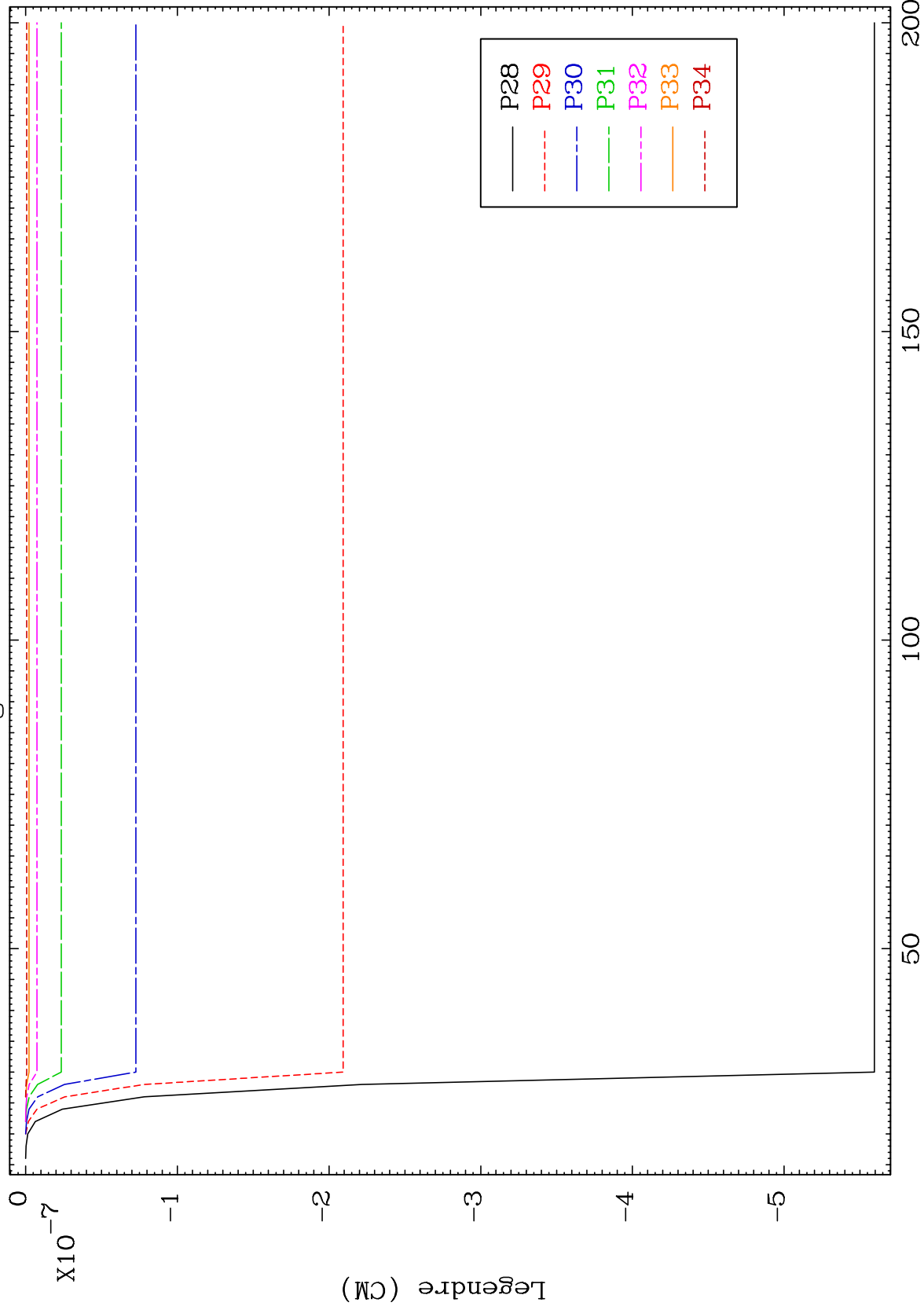
48-Cd-122

MAT 4873

MT= 60 (n,n') Level

48-Cd-122

Legendre Coefficients



55

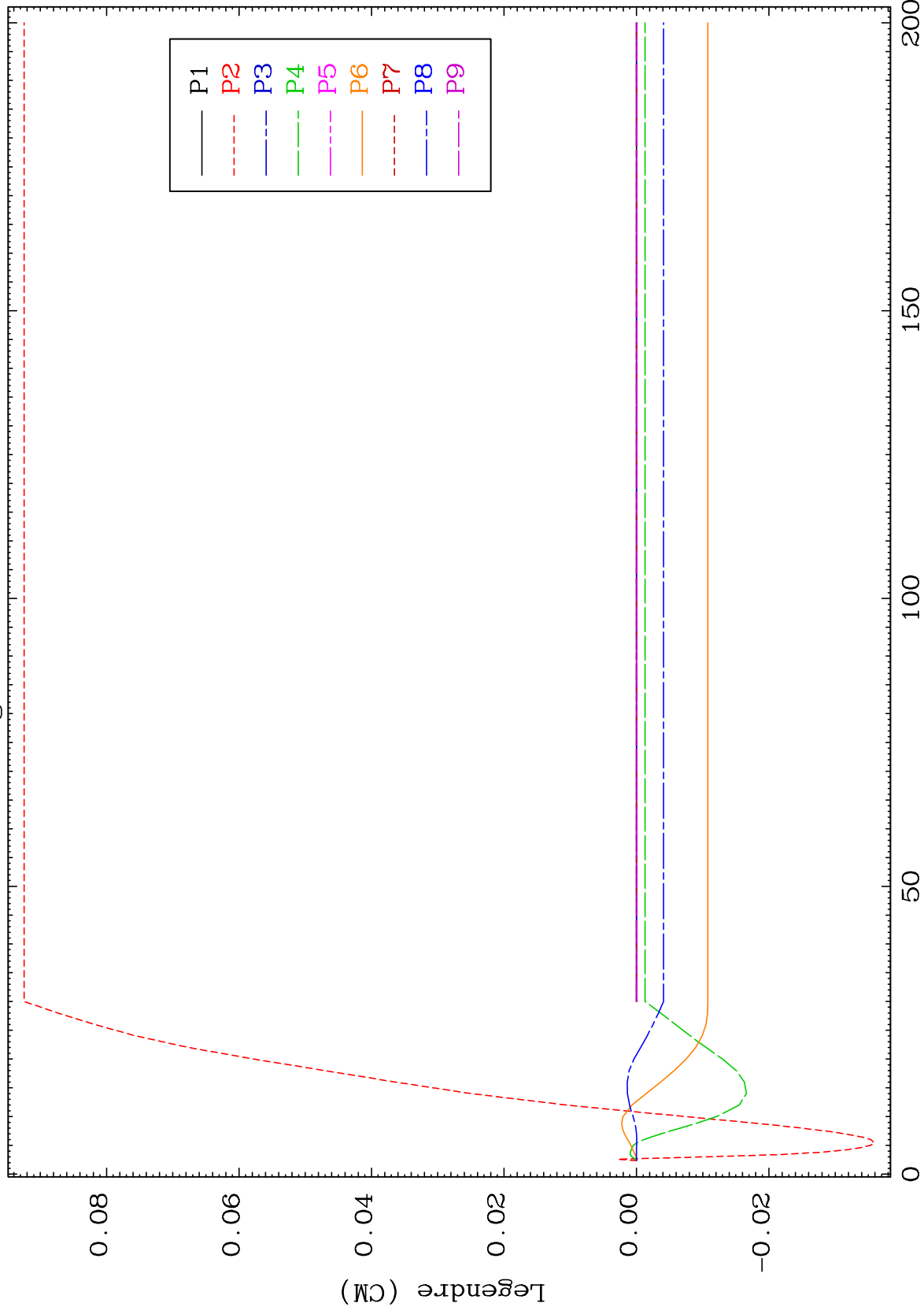
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



56

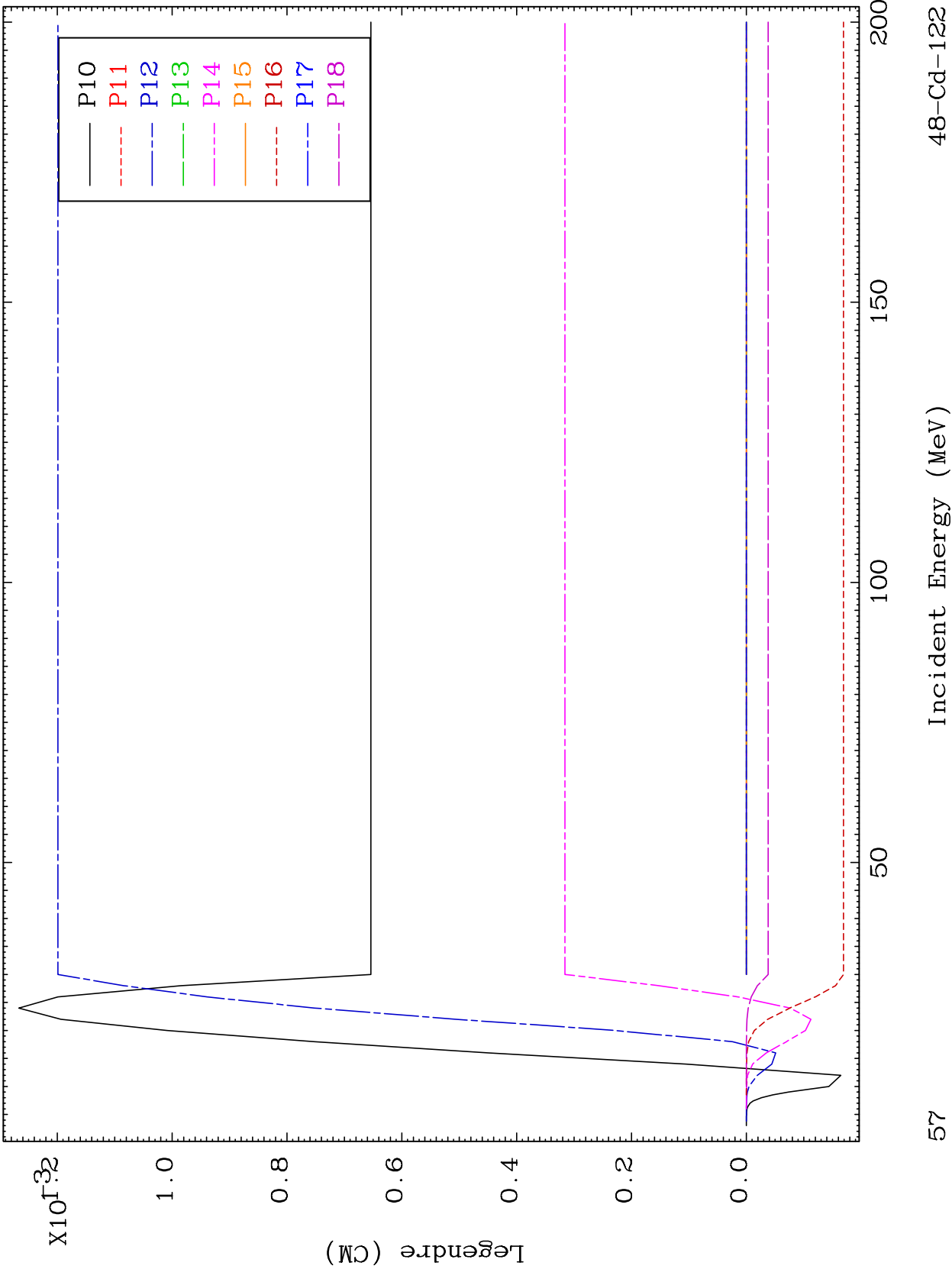
Incident Energy (MeV)

48-Cd-122

MAT 4873

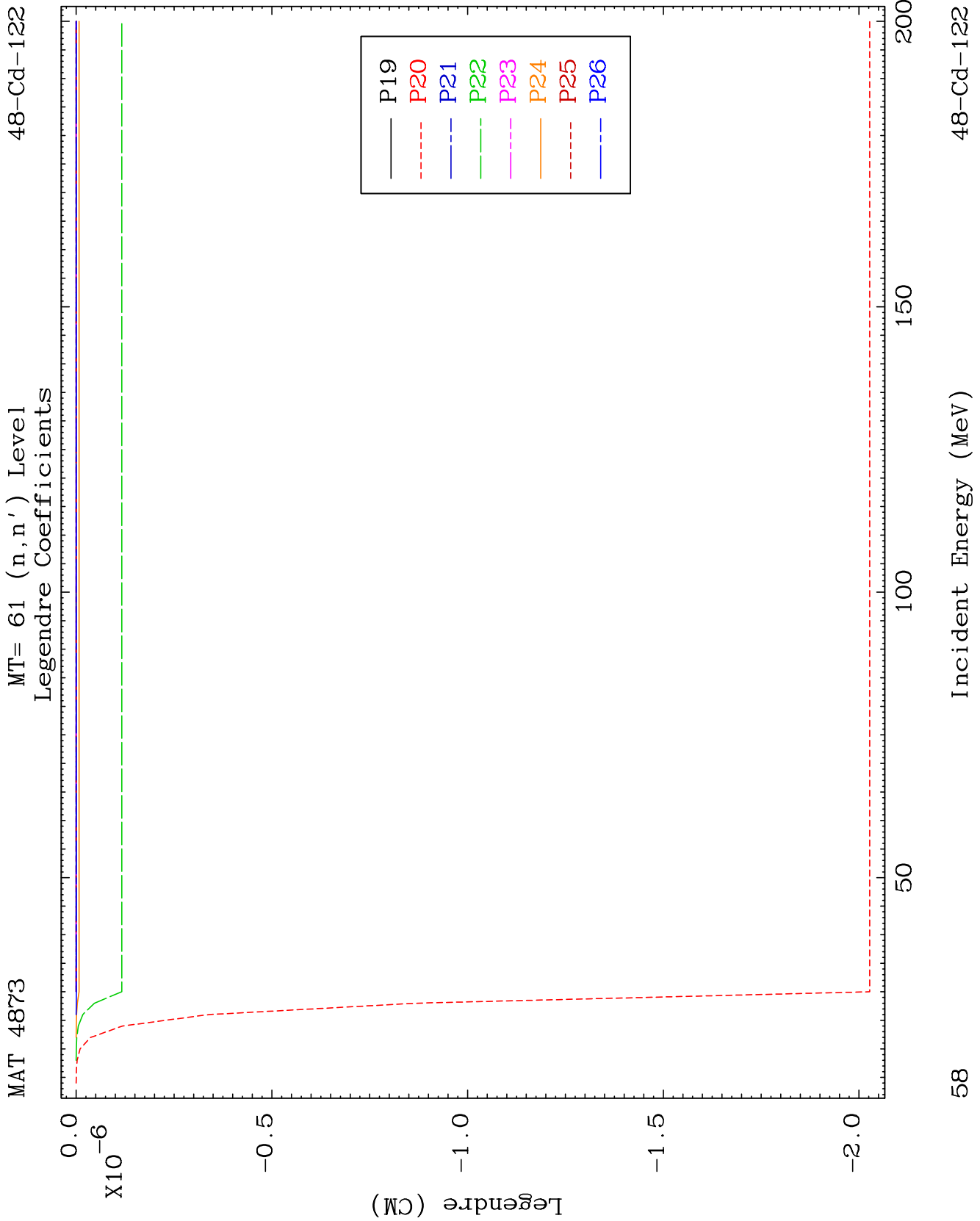
MT= 61 (n,n') Level
Legendre Coefficients

48-Cd-122



57

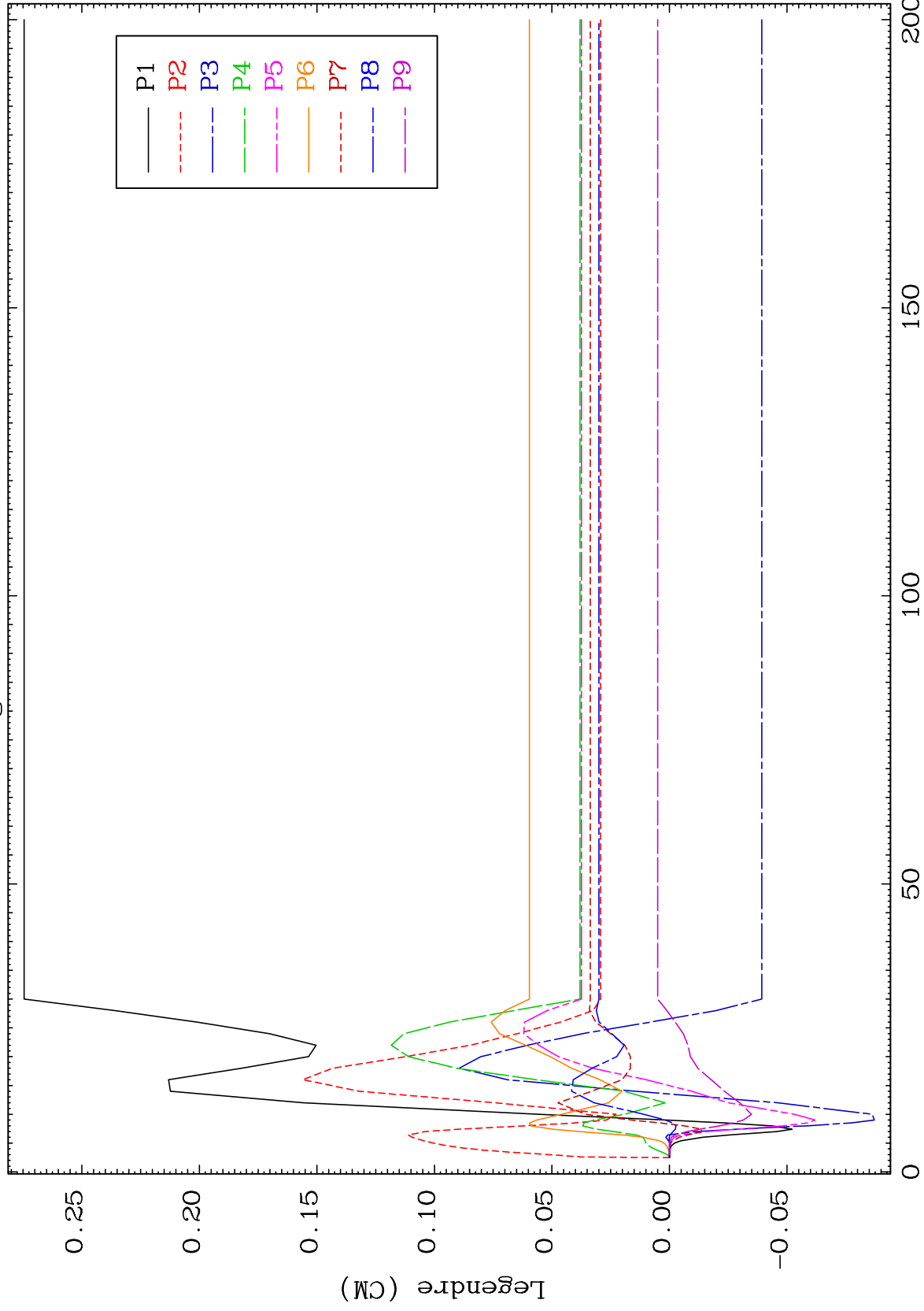
48-Cd-122



MAT 4873

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

48-Cd-122



59

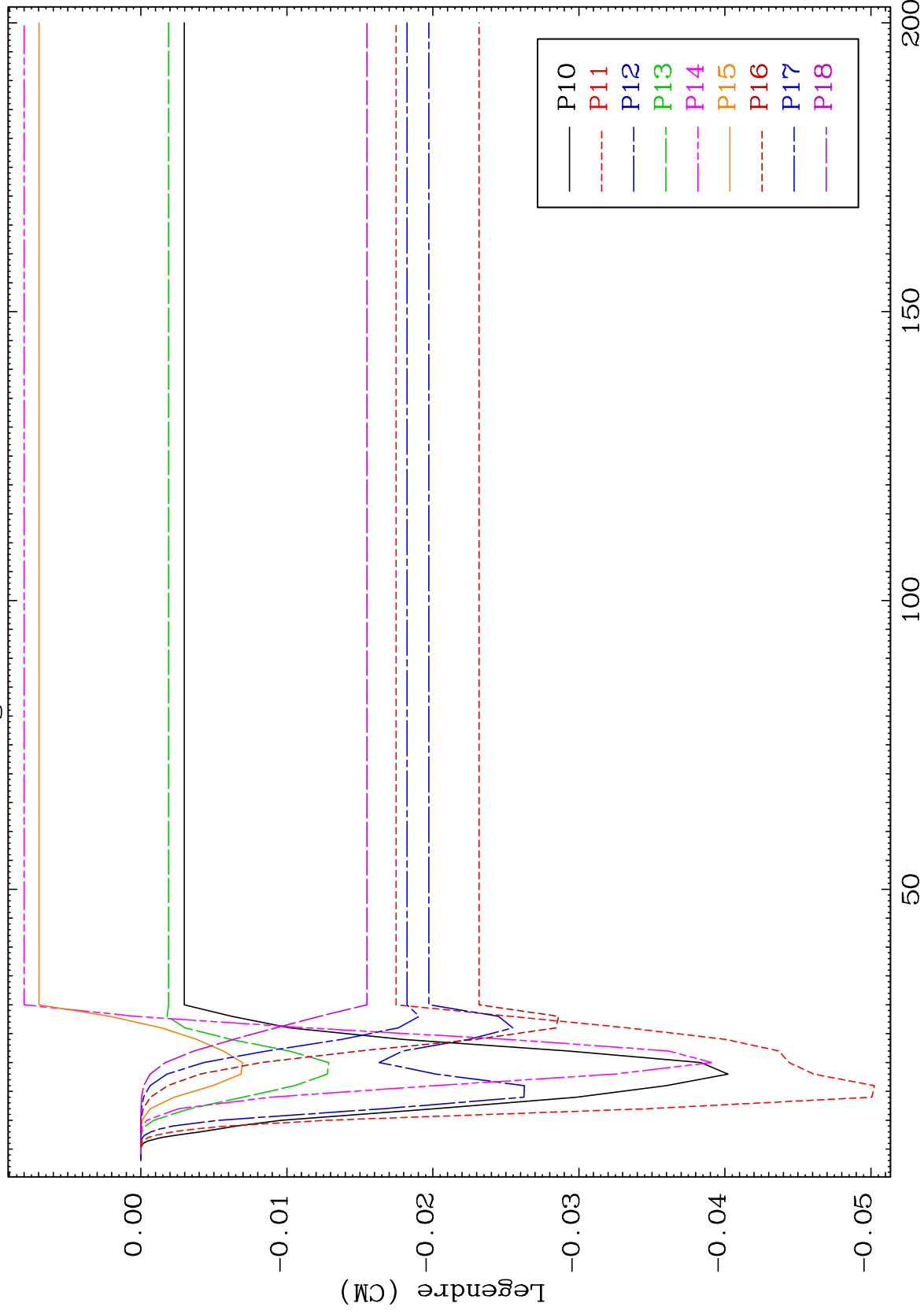
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

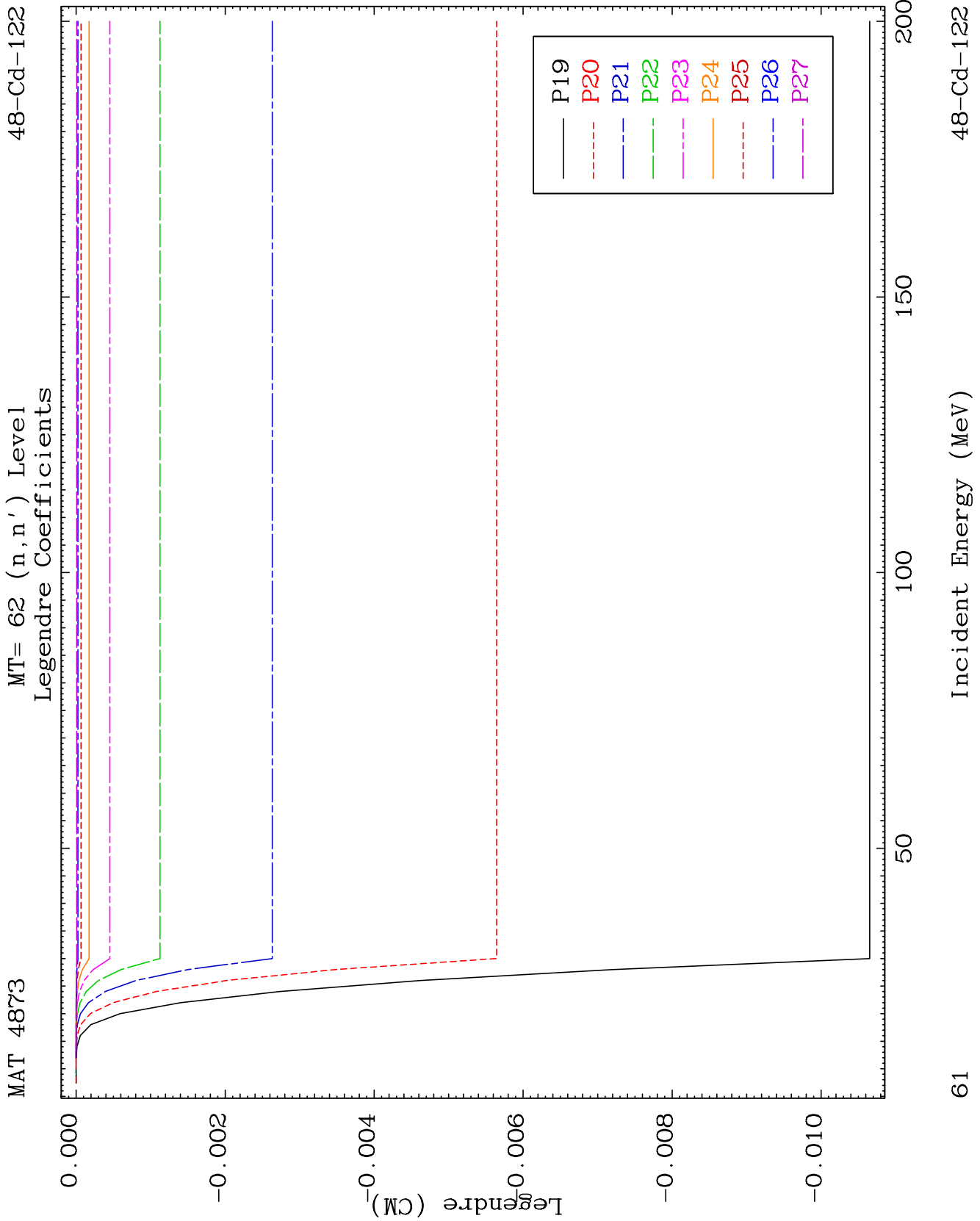
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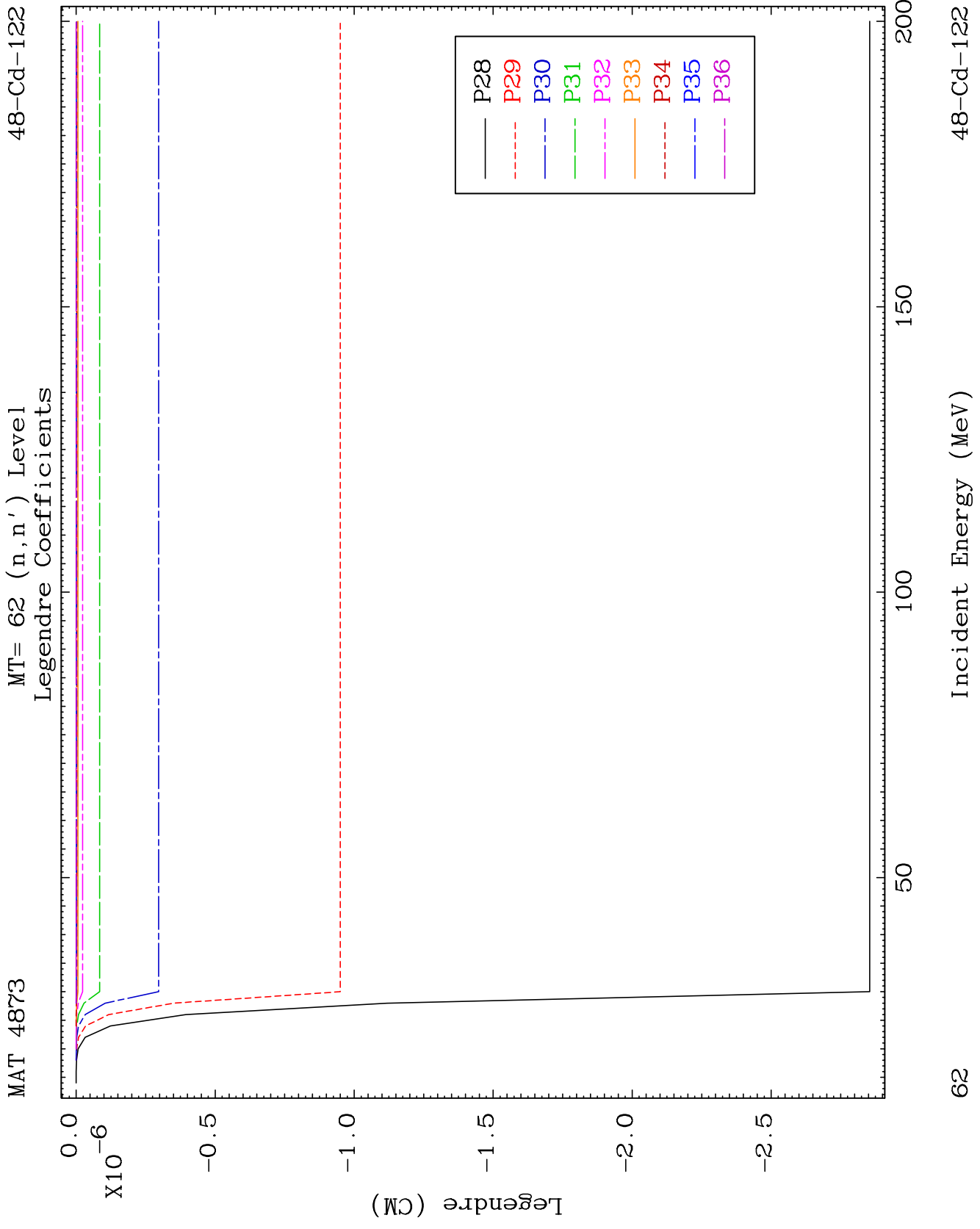


60

Incident Energy (MeV)

48-Cd-122

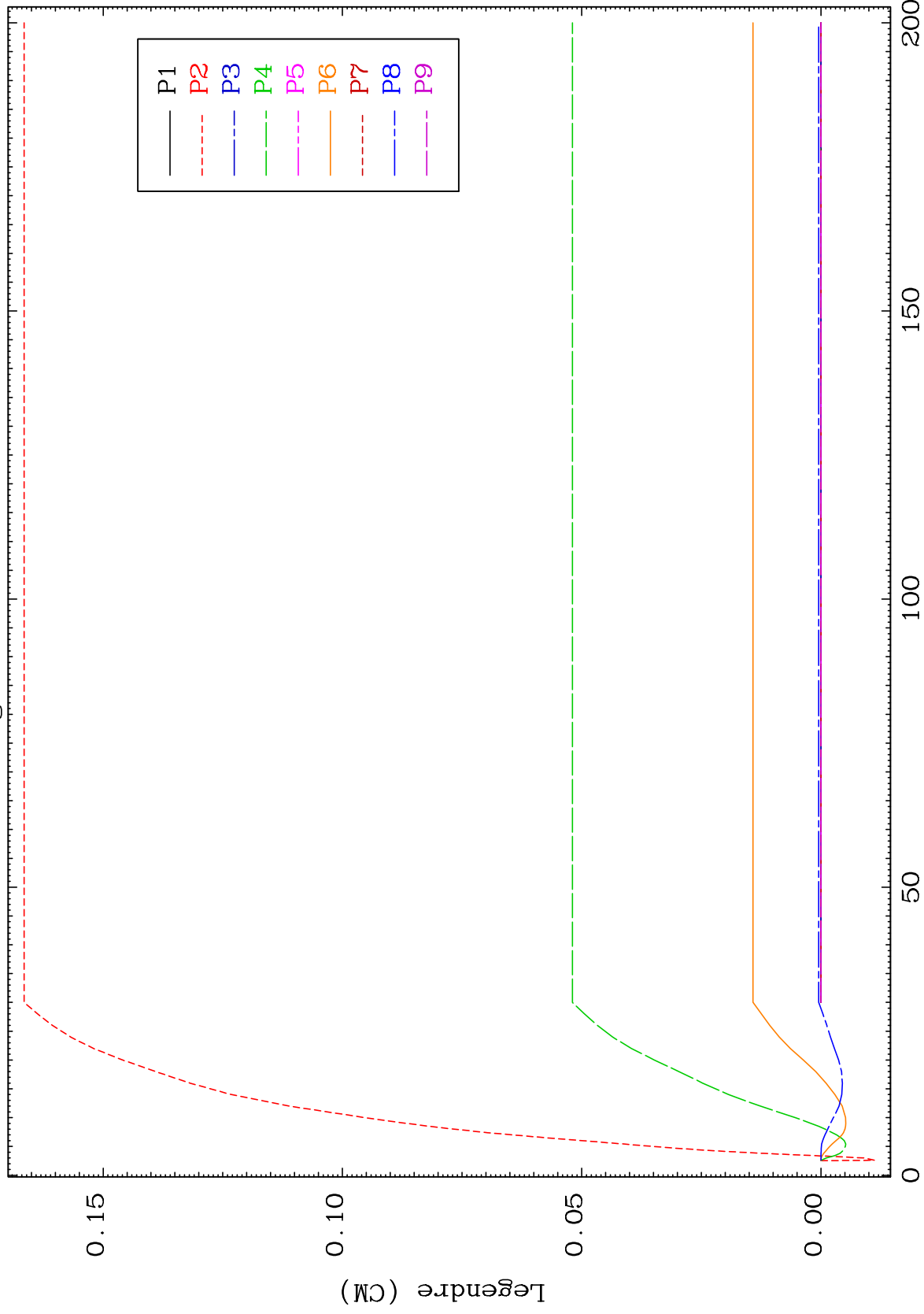




MAT 4873

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

48-Cd-122



63

Incident Energy (MeV)

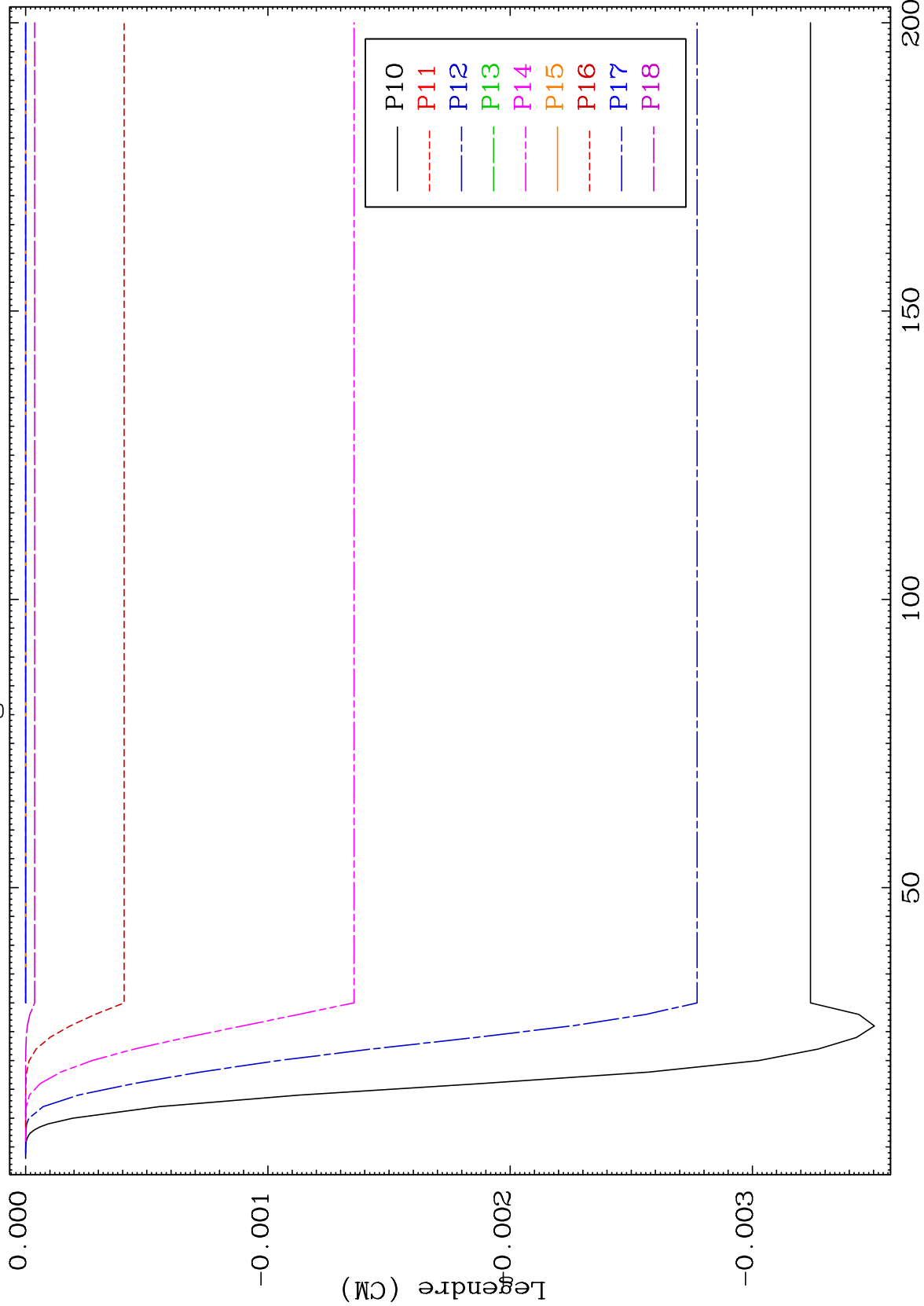
48-Cd-122

MAT 4873

MT= 63 (n,n') Level

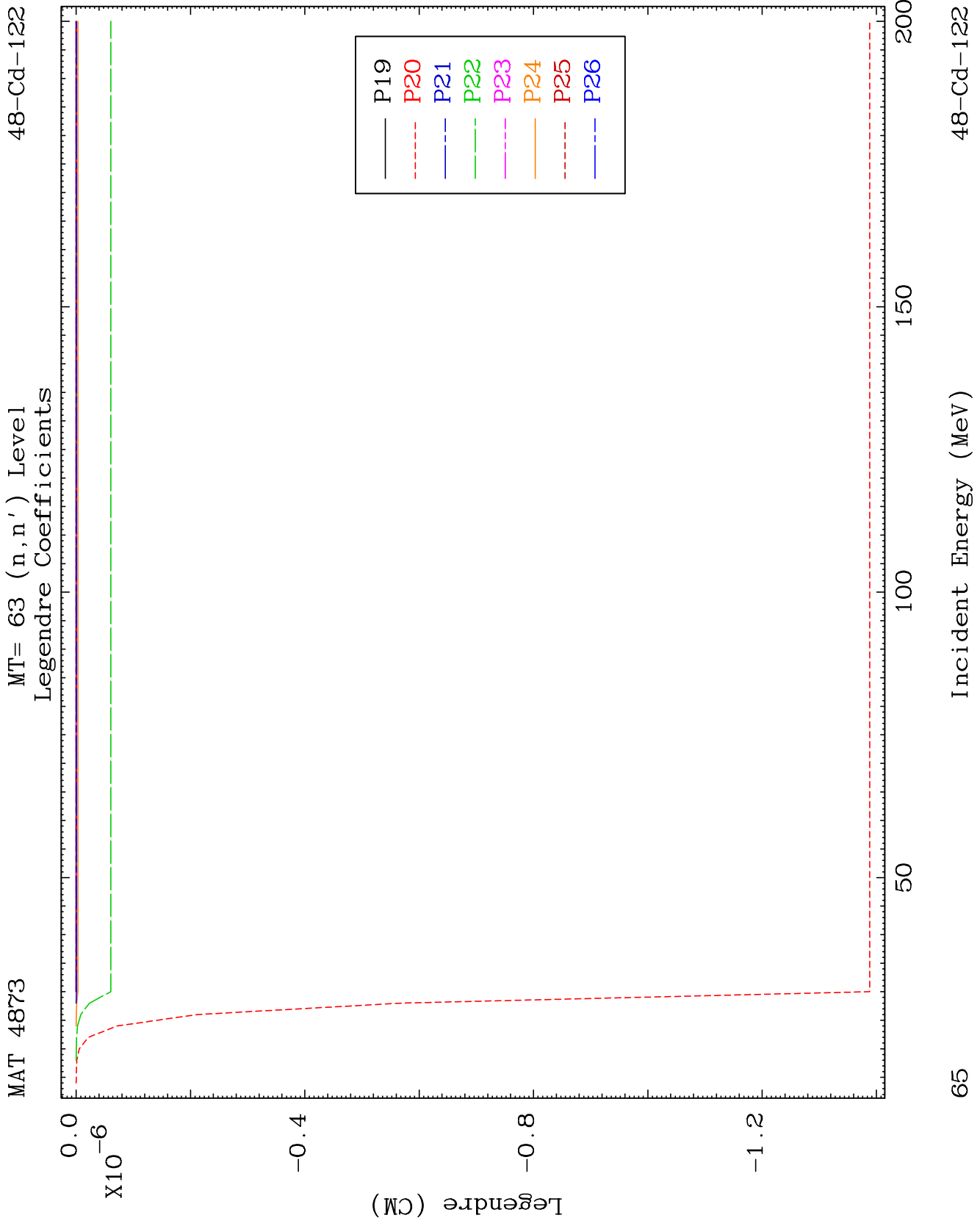
48-Cd-122

Legendre Coefficients



64

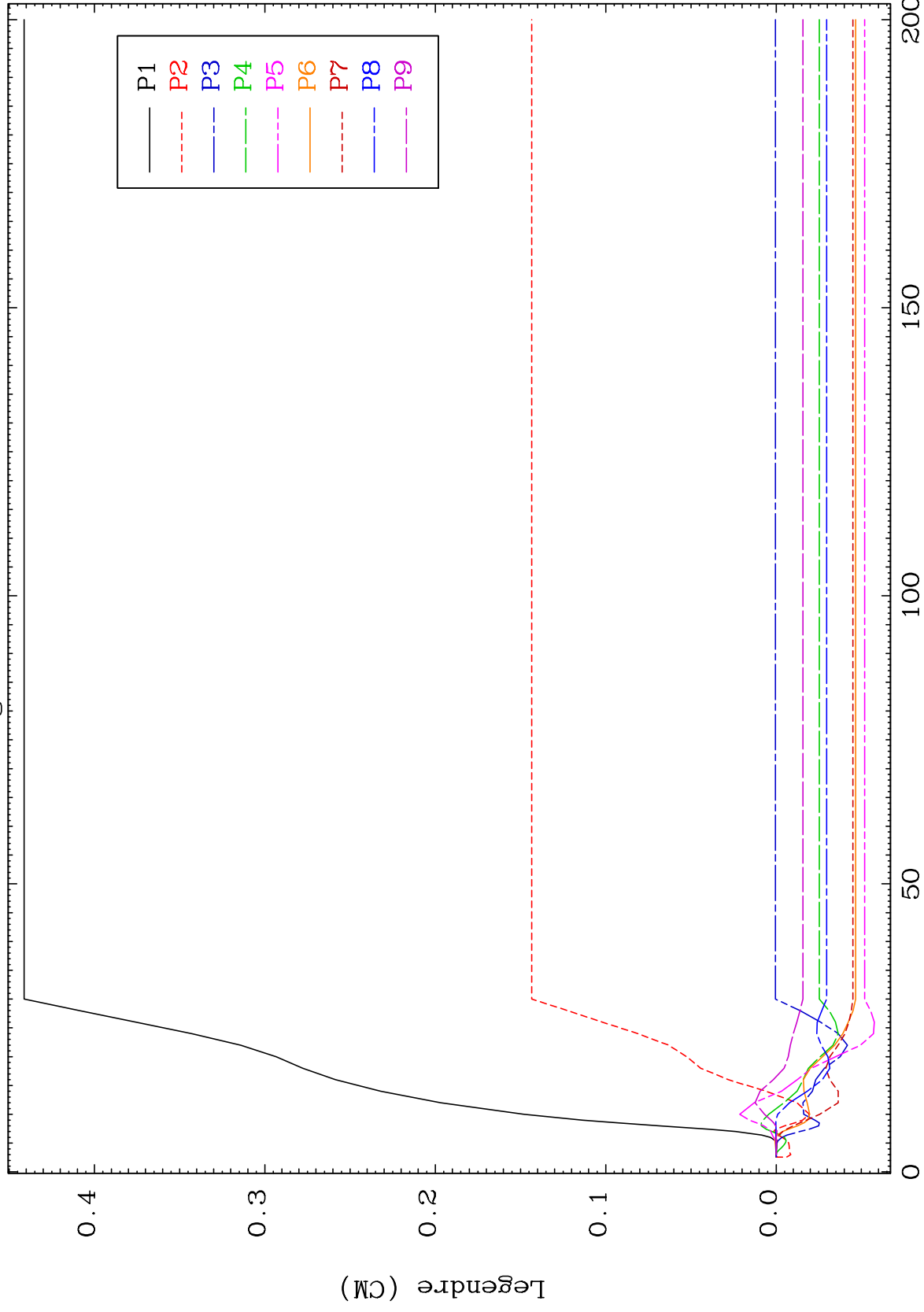
48-Cd-122



MAT 4873

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

48-Cd-122



66

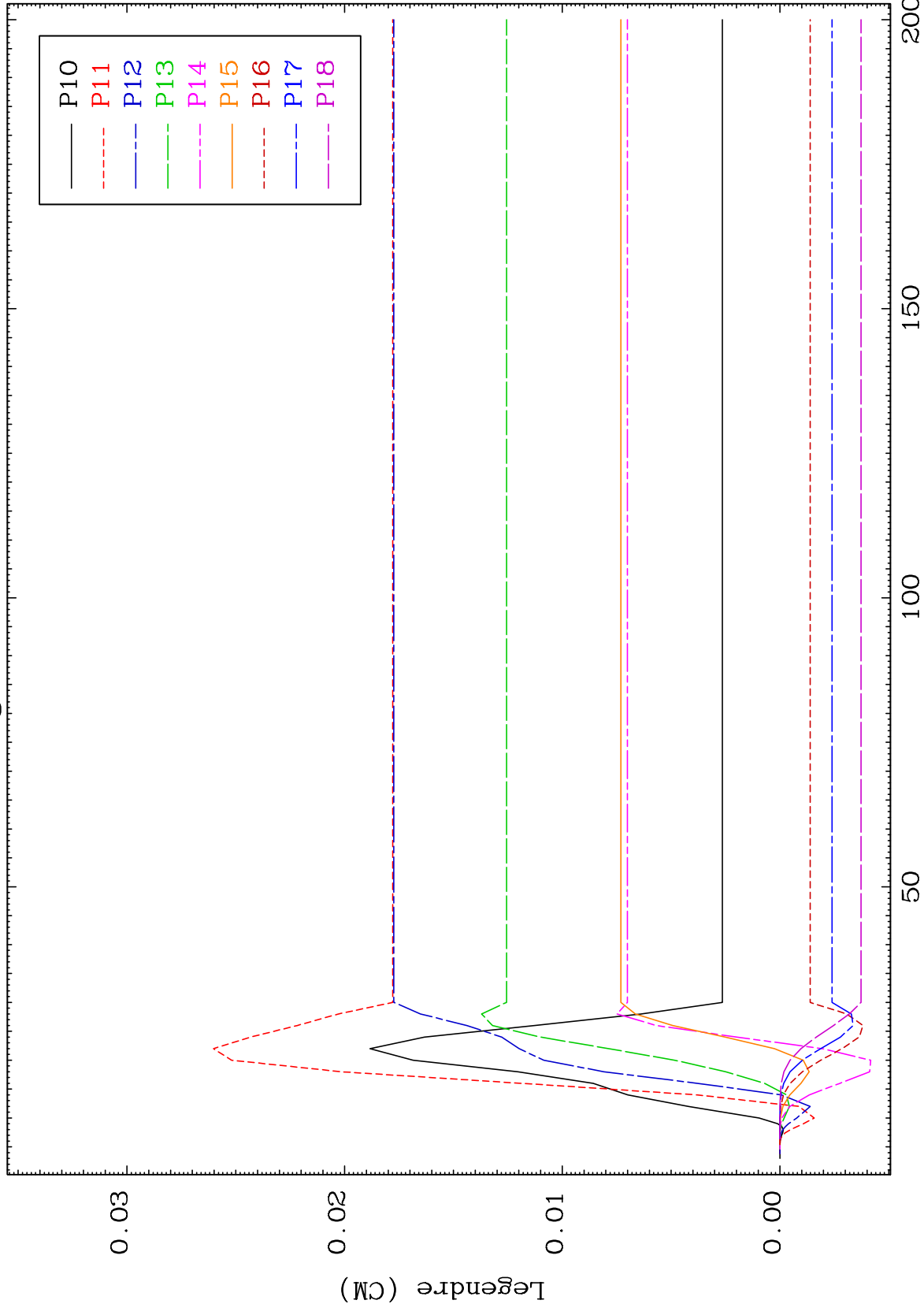
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

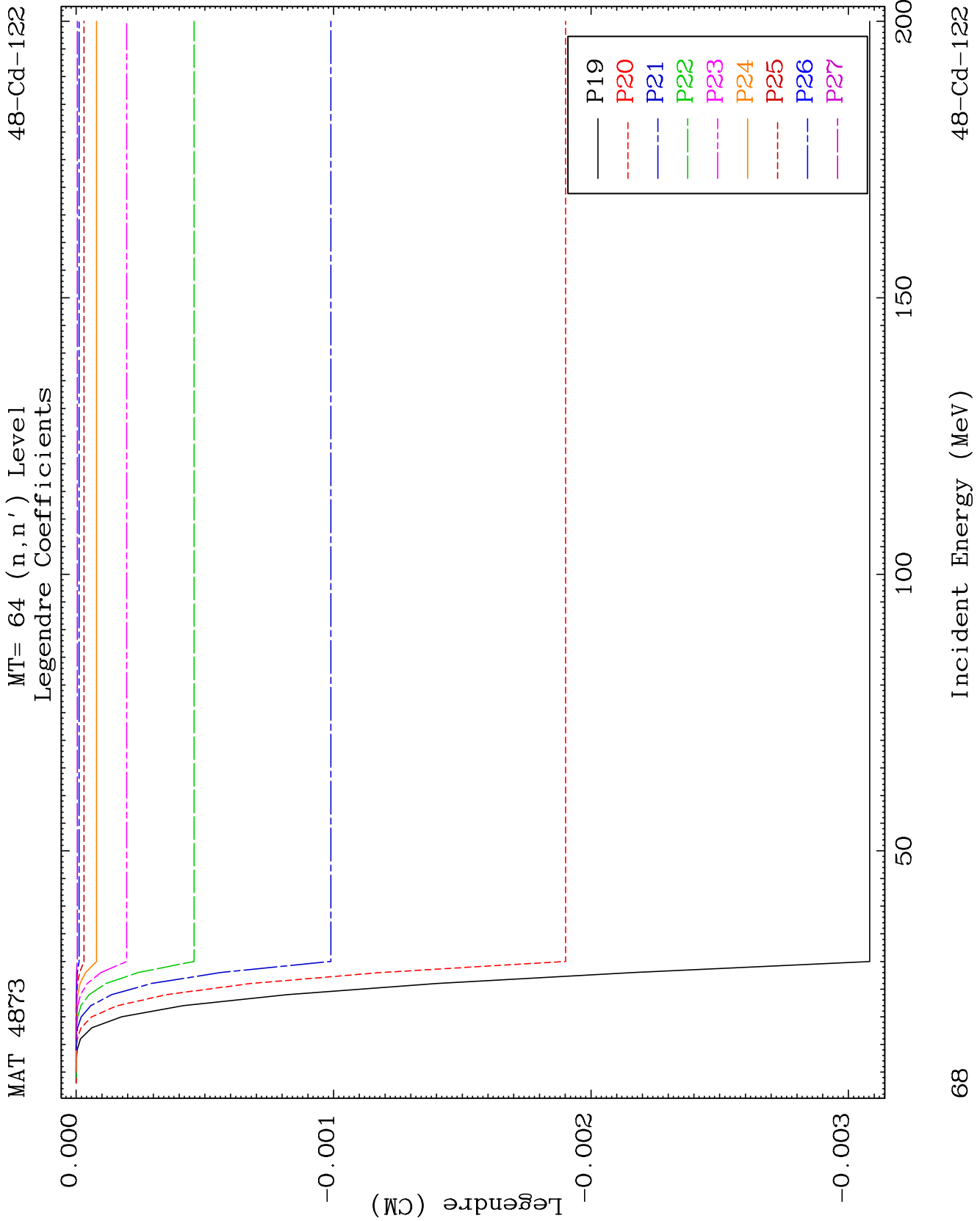
48-Cd-122



67

Incident Energy (MeV)

48-Cd-122

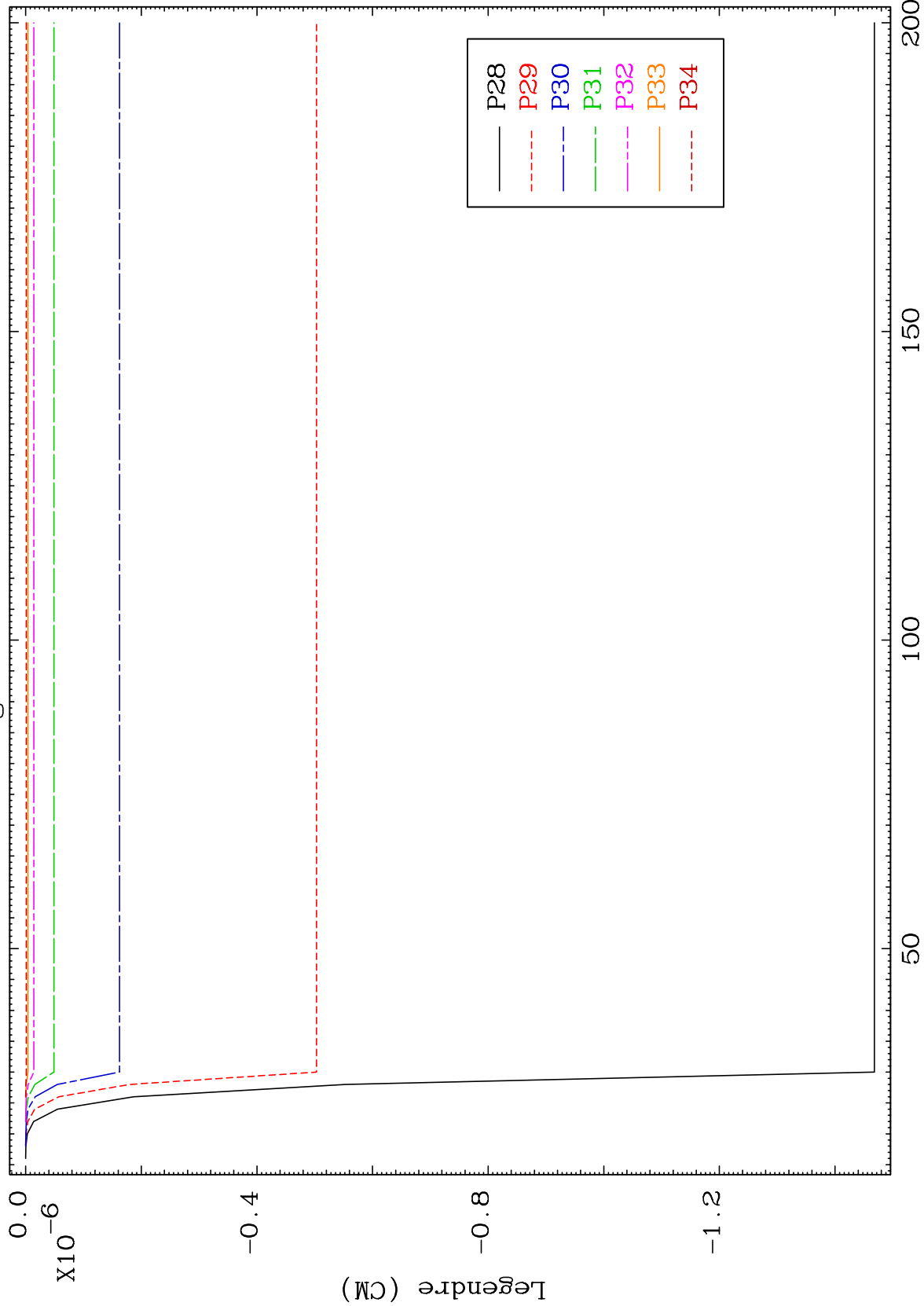


MAT 4873

MT= 64 (n,n') Level

48-Cd-122

Legendre Coefficients



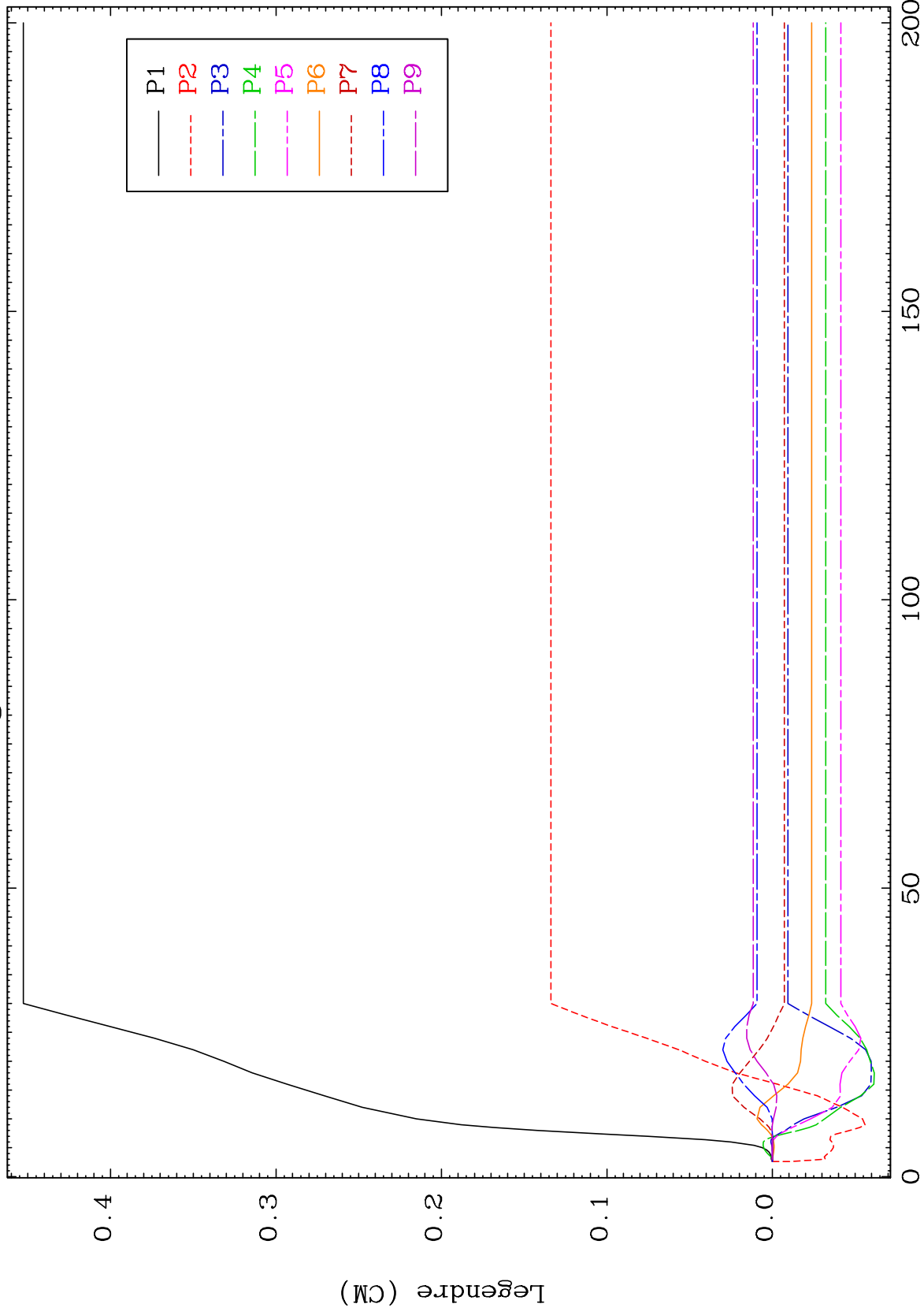
69

48-Cd-122

MAT 4873

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

48-Cd-122



70

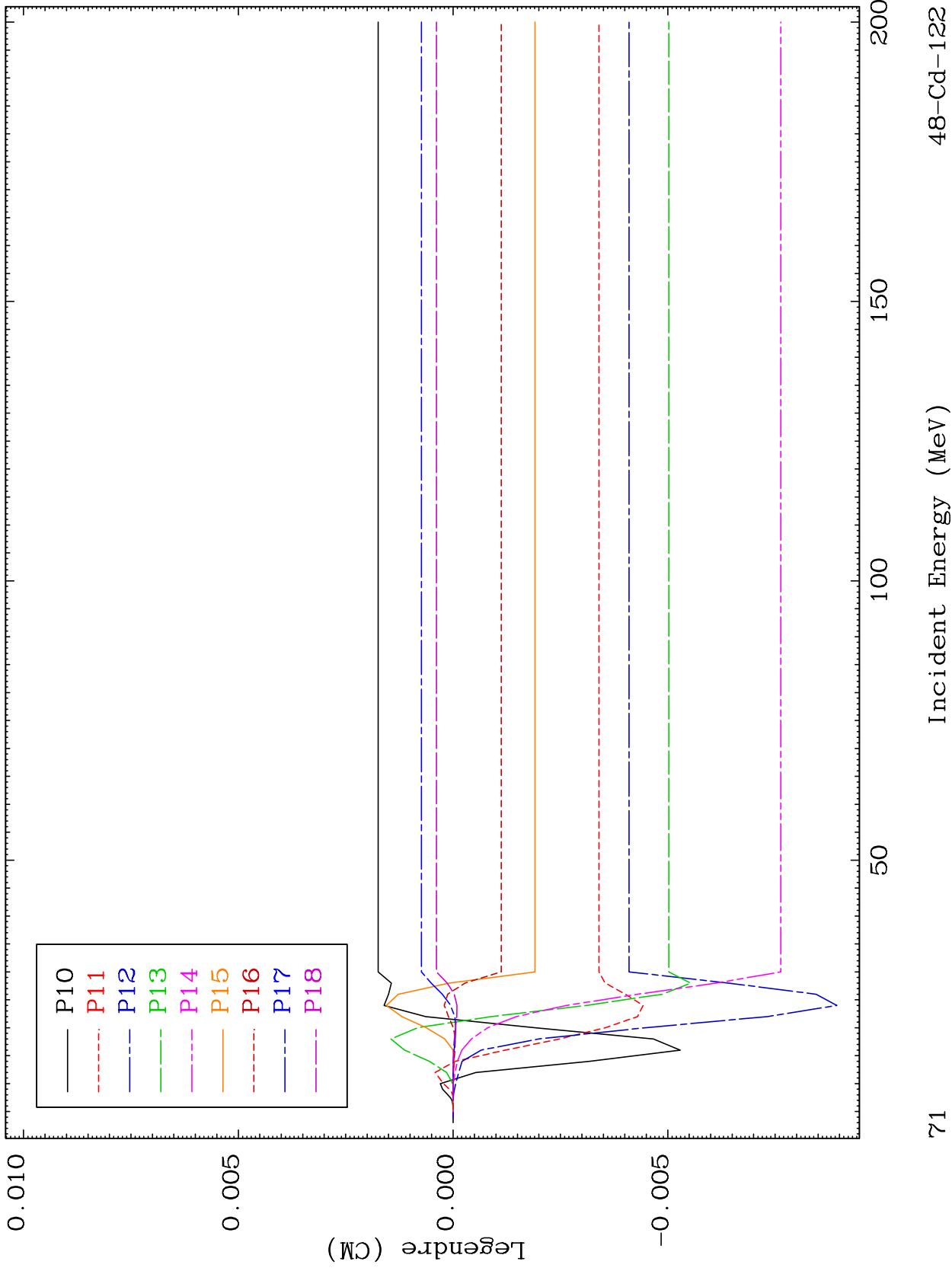
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

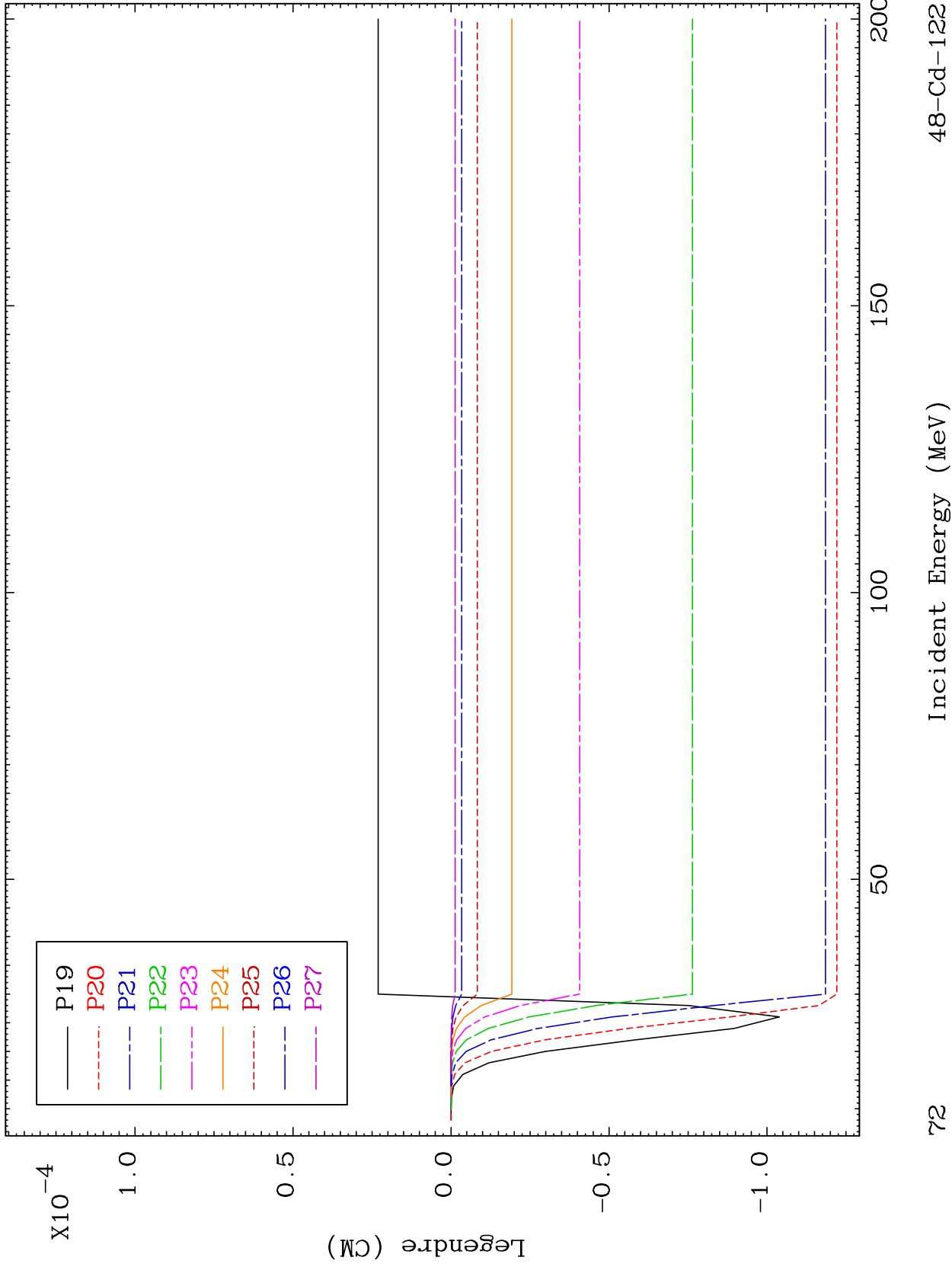
48-Cd-122



MAT 4873

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

48-Cd-122

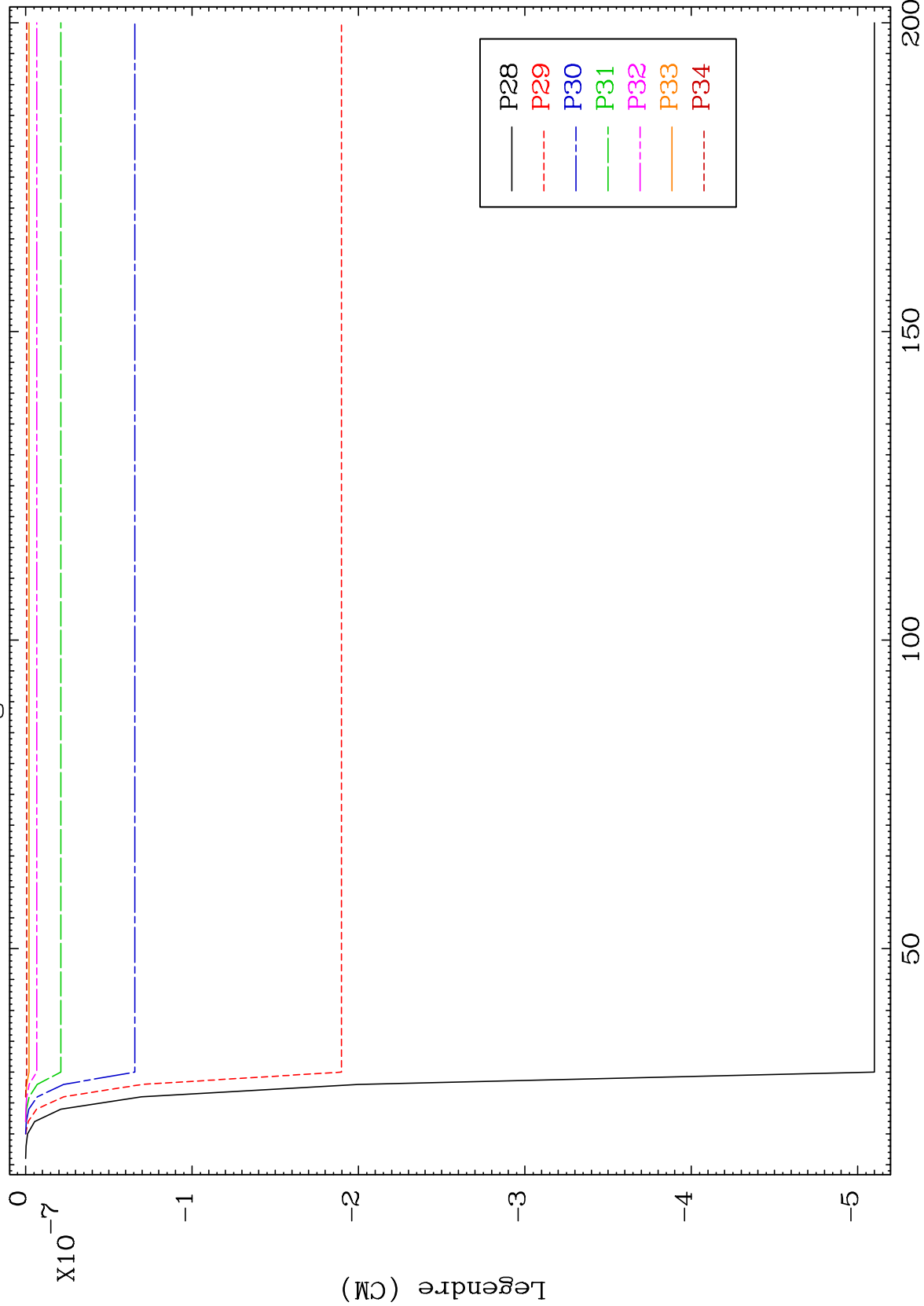


MAT 4873

MT= 65 (n,n') Level

48-Cd-122

Legendre Coefficients



73

Incident Energy (MeV)

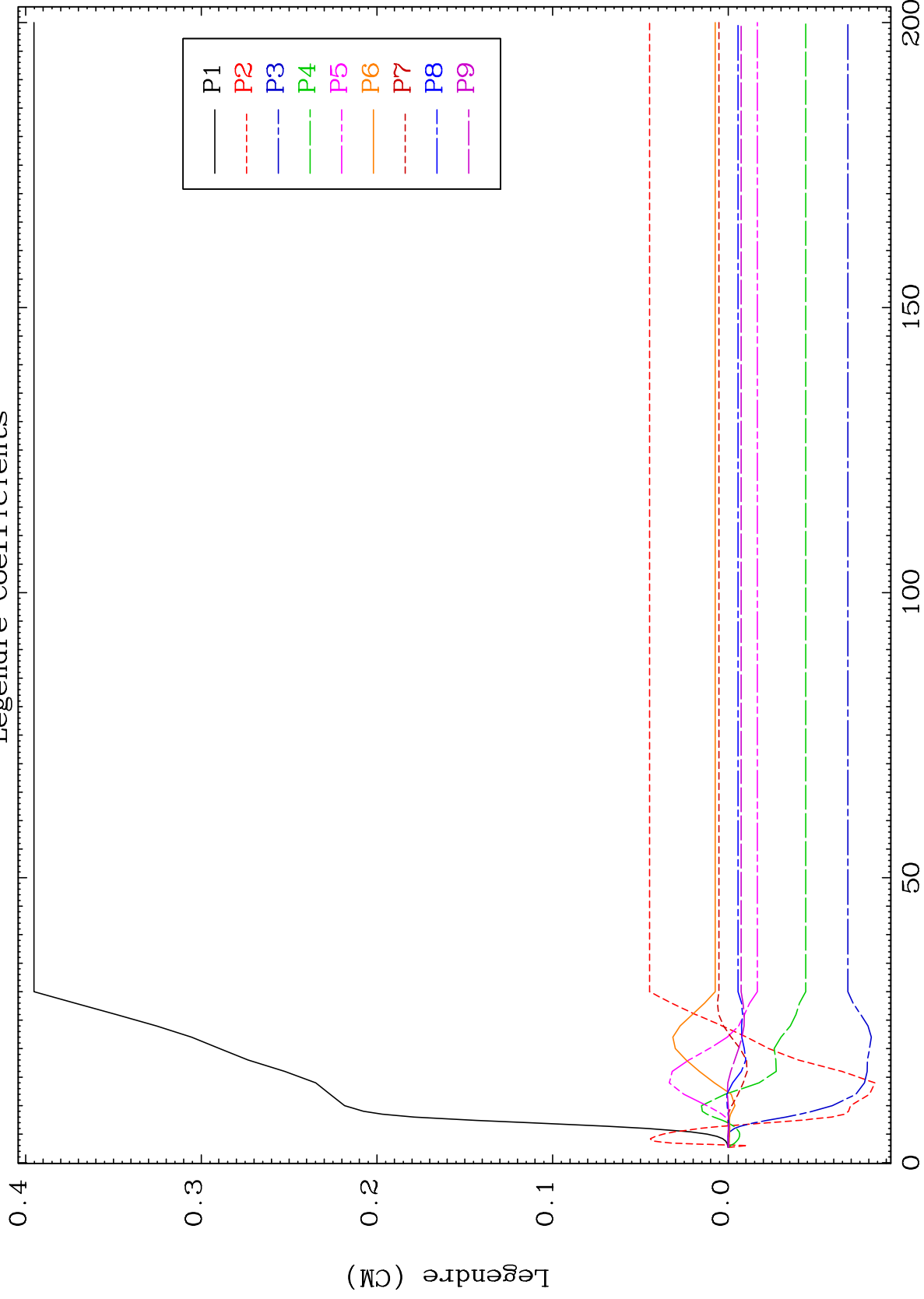
48-Cd-122

MAT 4873

MT= 66 (n,n') Level

48-Cd-122

Legendre Coefficients



74

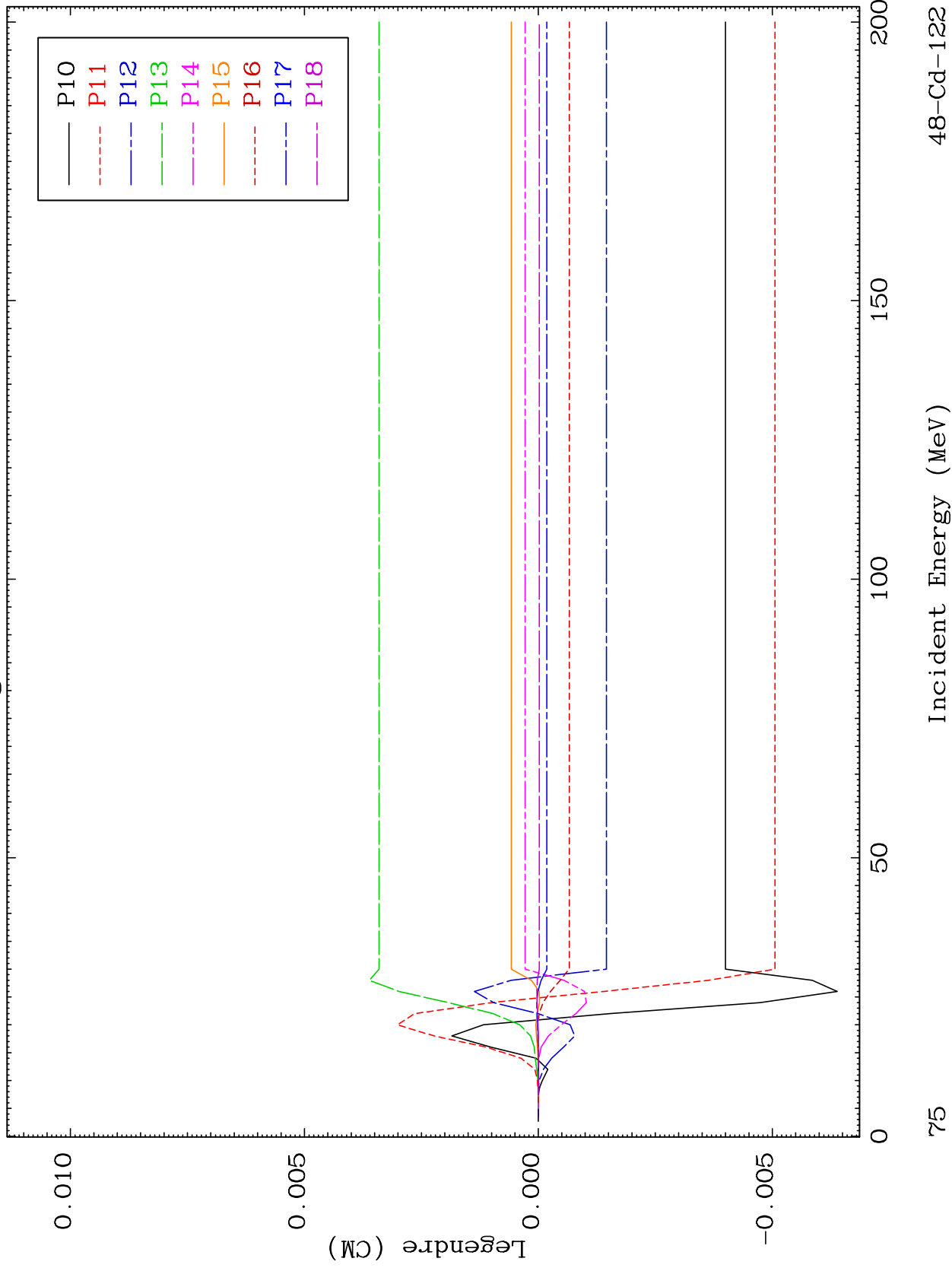
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



48-Cd-122

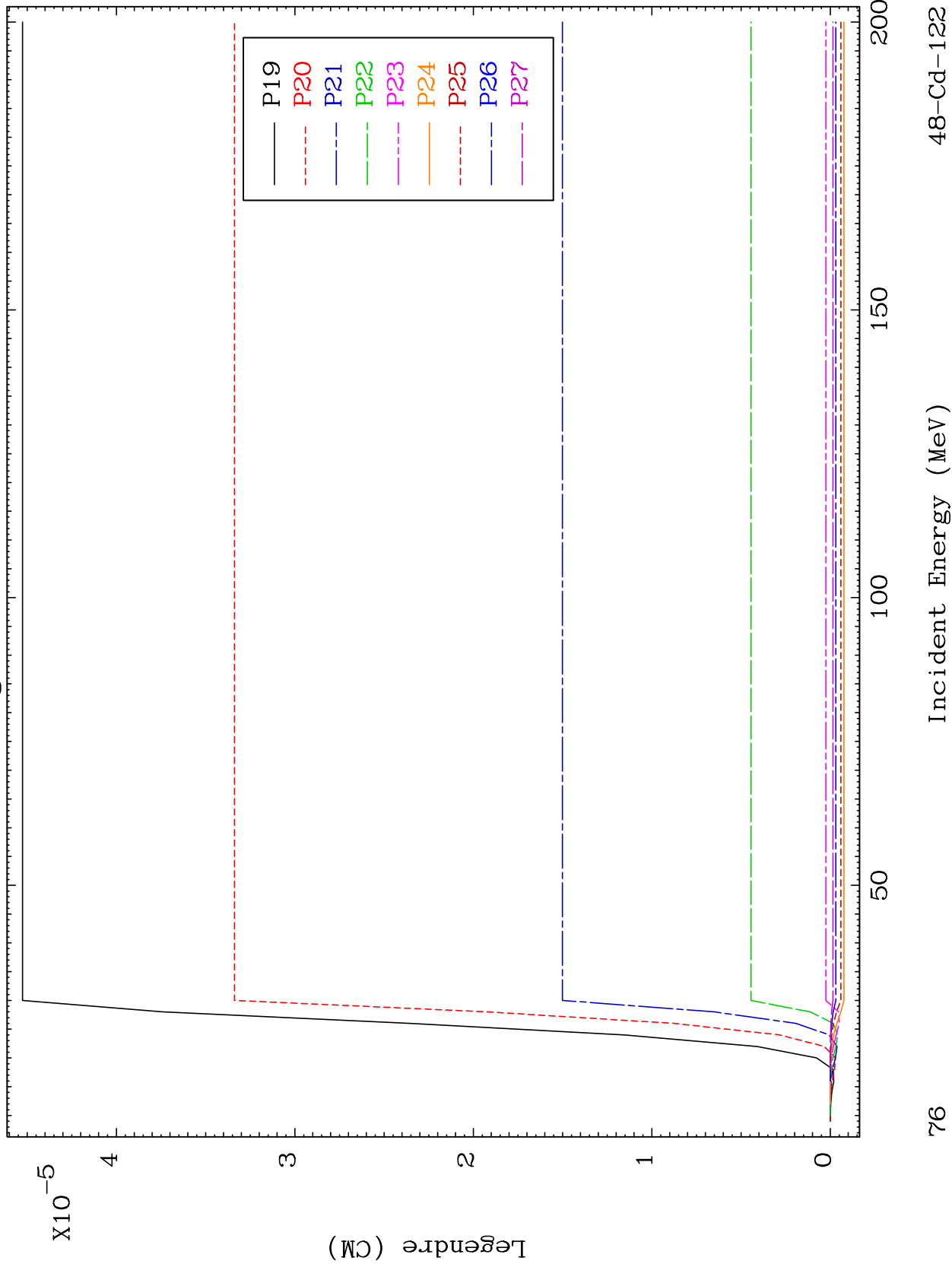
Incident Energy (MeV)

75

MAT 4873

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

48-Cd-122



76

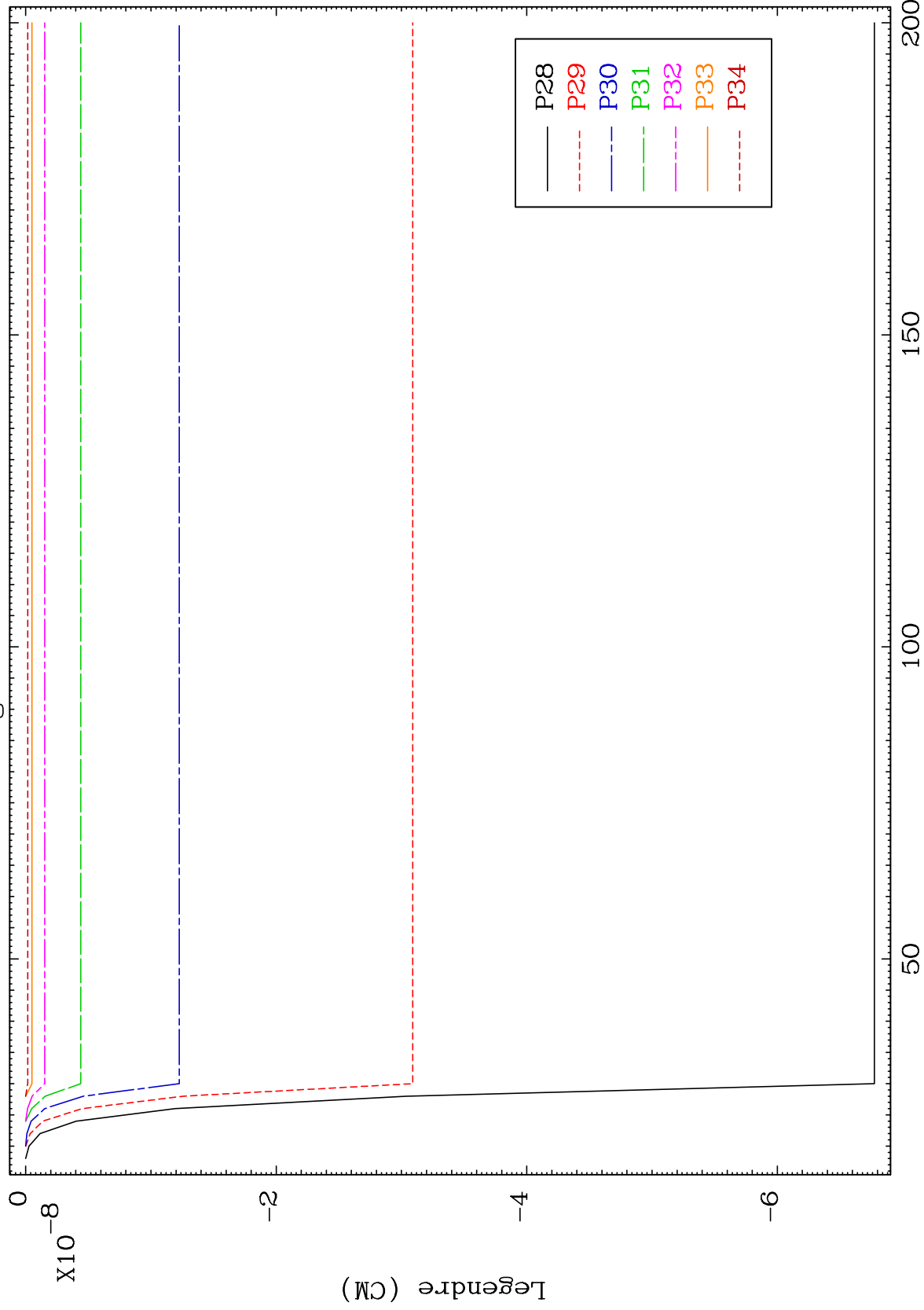
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



77

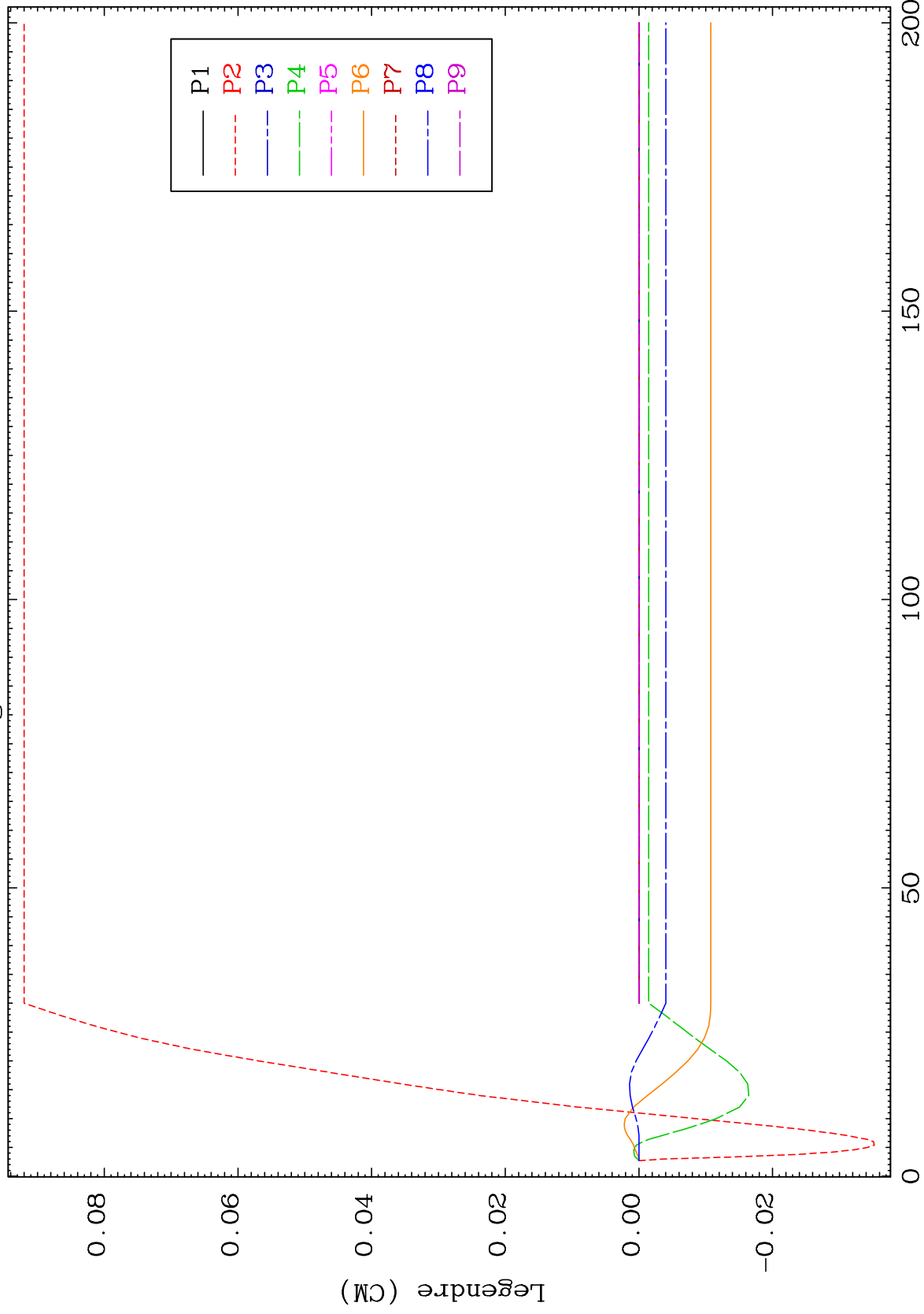
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



78

Incident Energy (MeV)

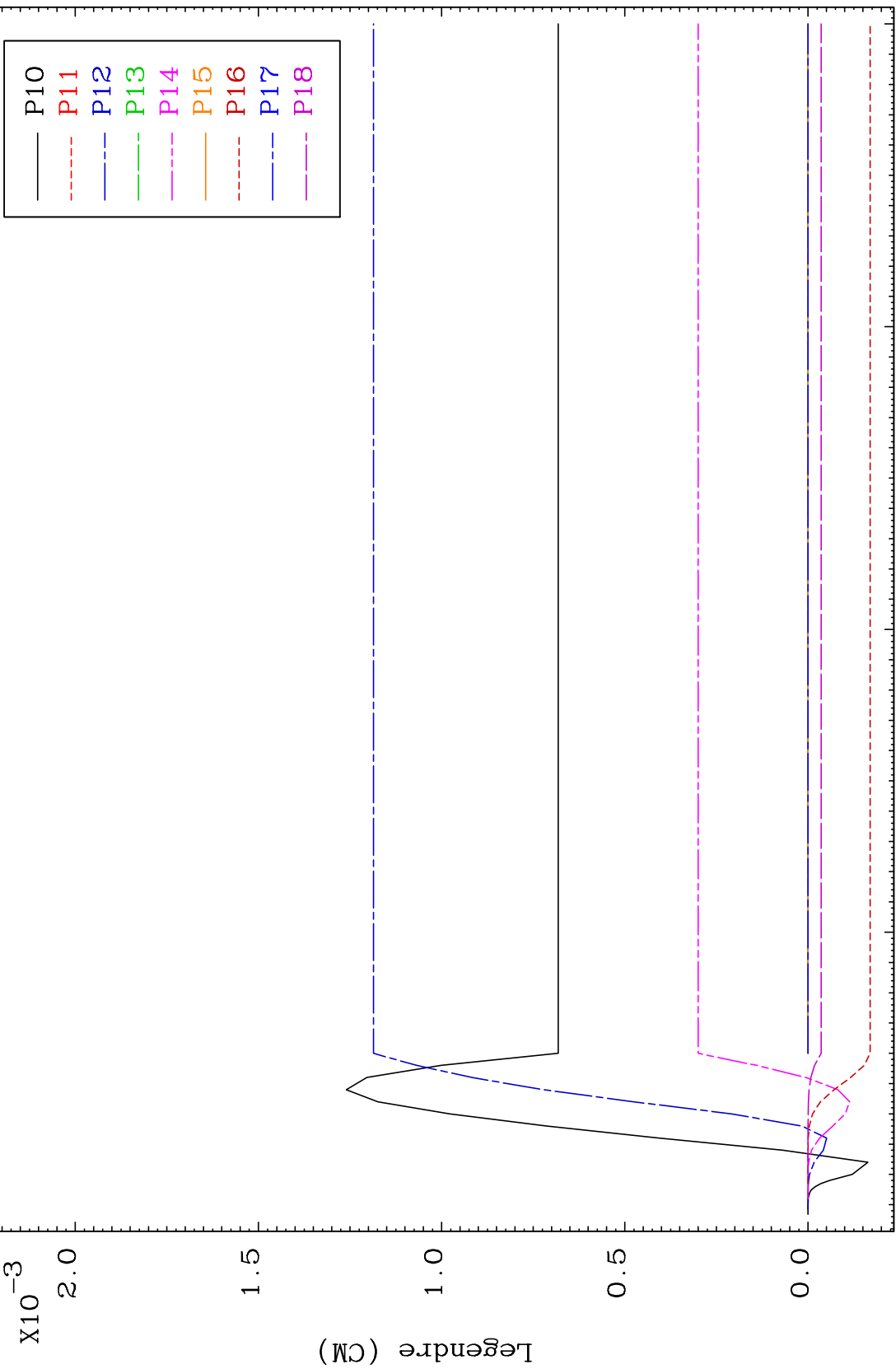
48-Cd-122

MAT 4873

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

48-Cd-122

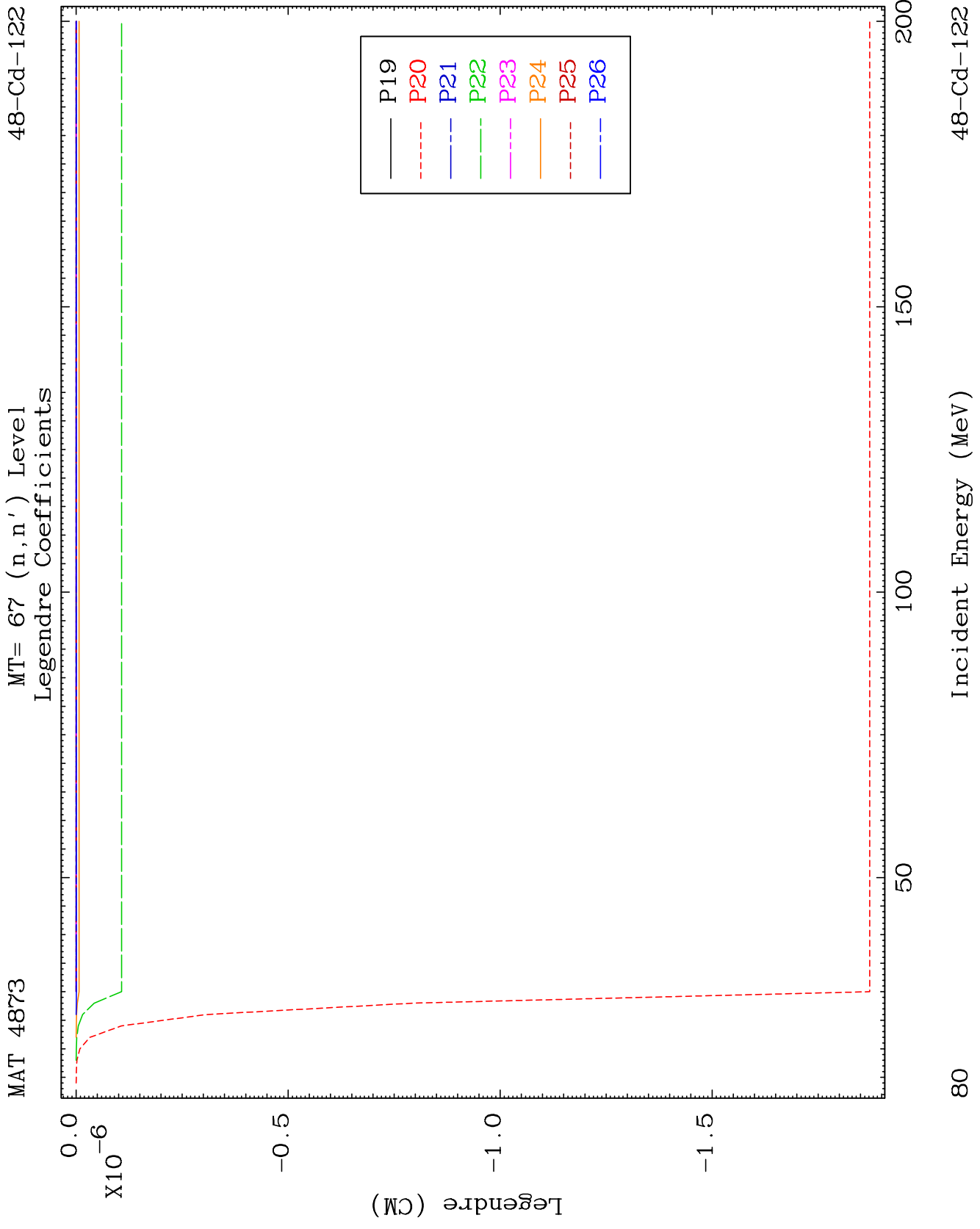
$\times 10^{-3}$

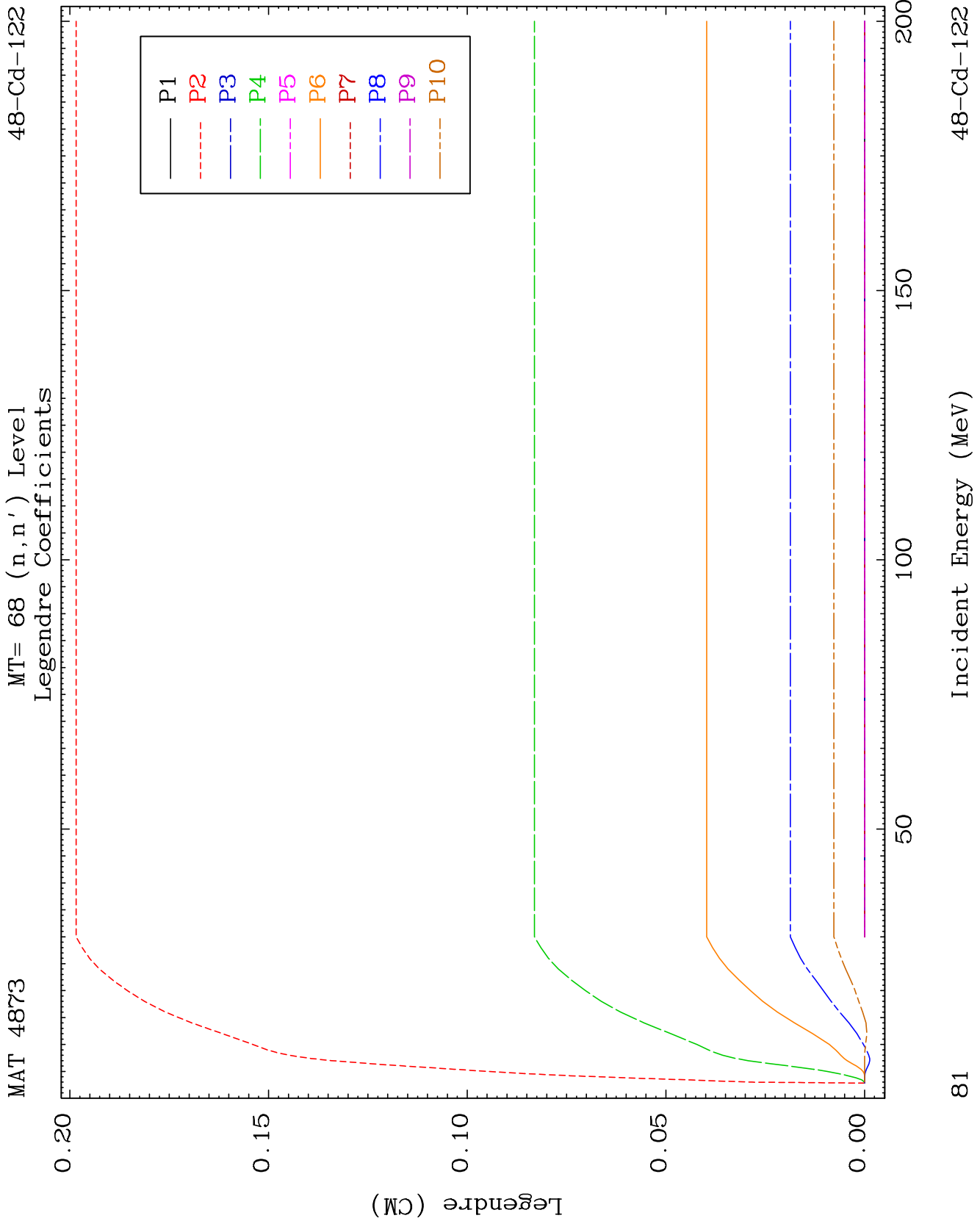


79

Incident Energy (MeV)

48-Cd-122

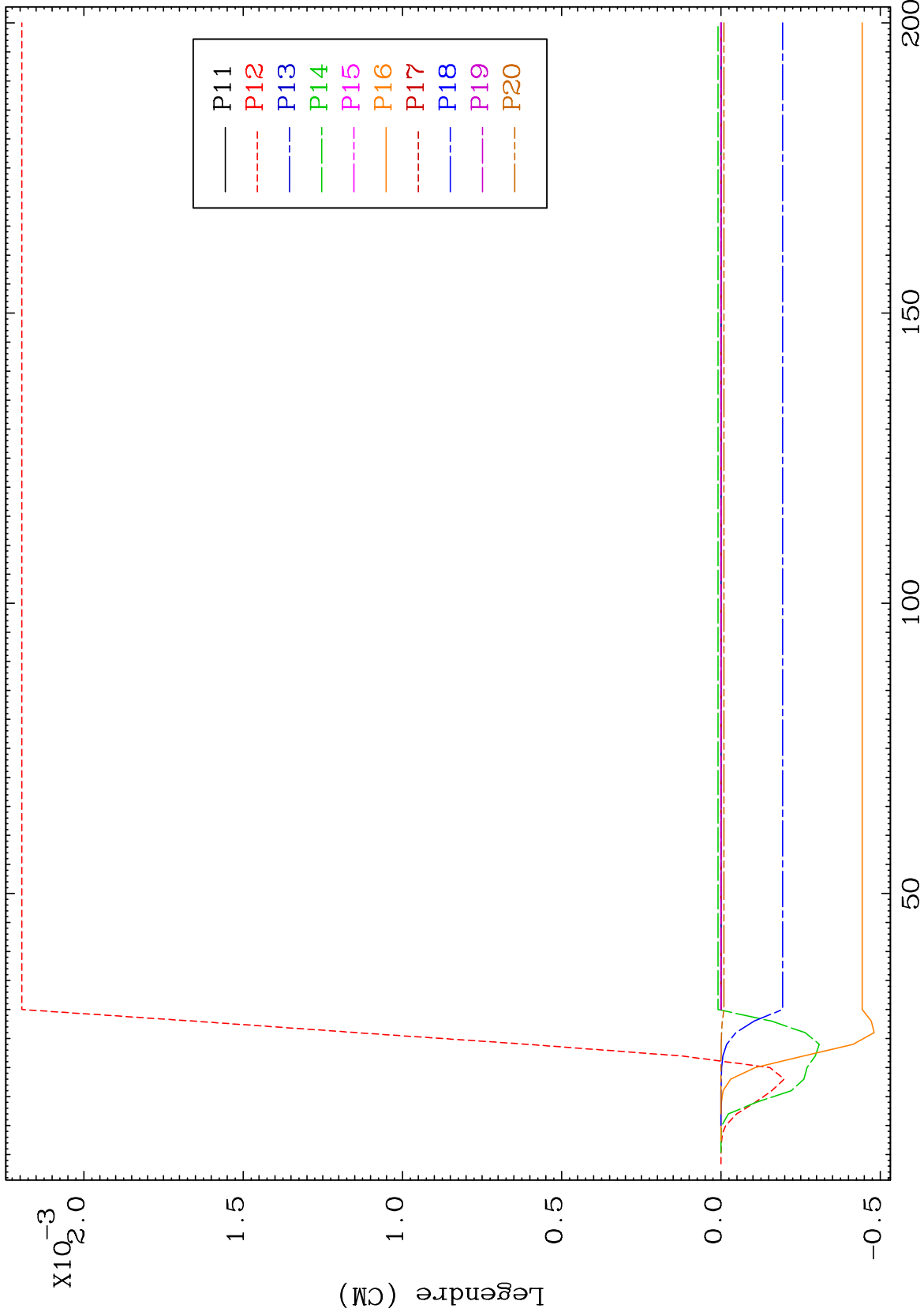




MAT 4873

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

48-Cd-122



82

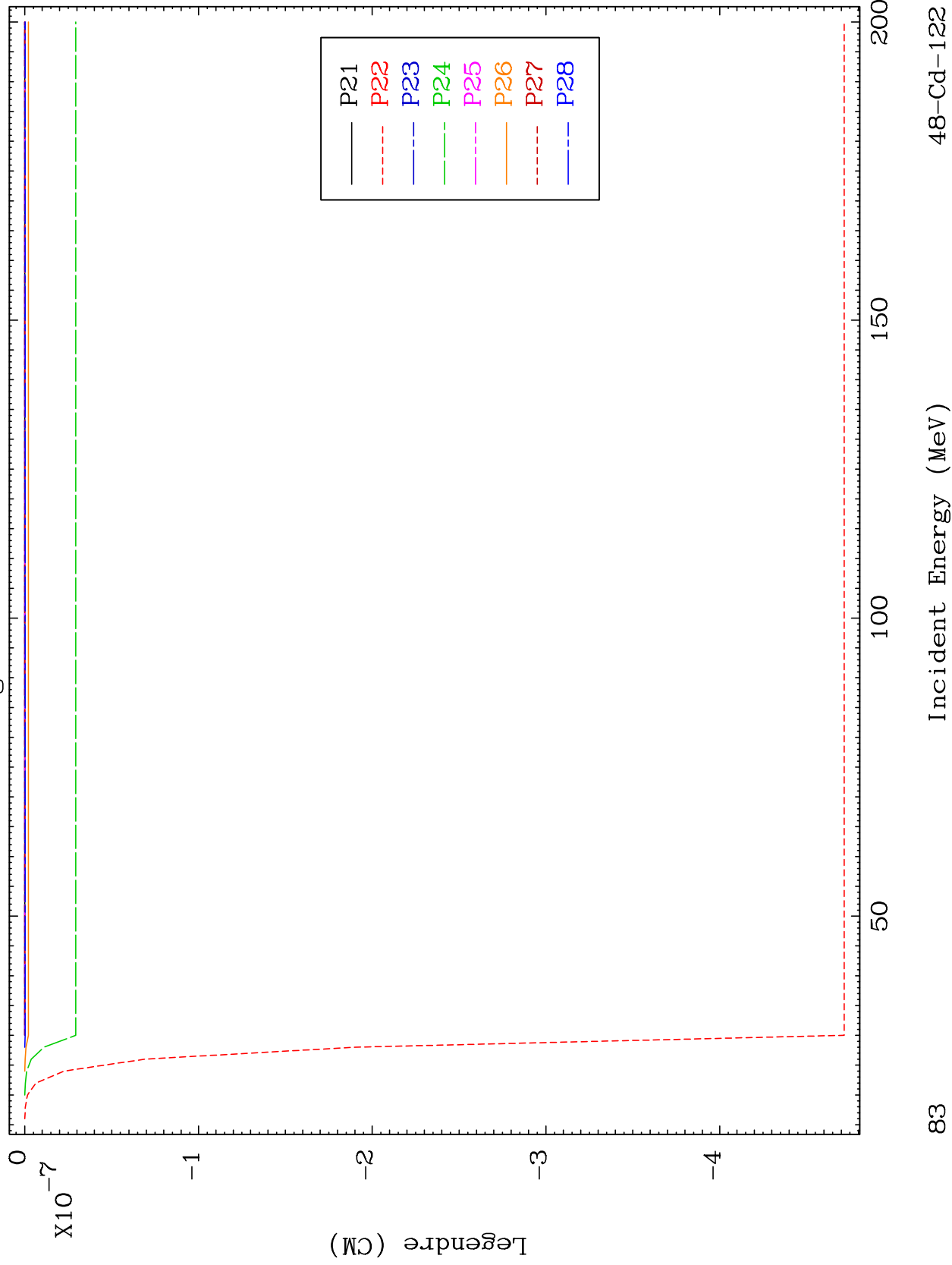
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



83

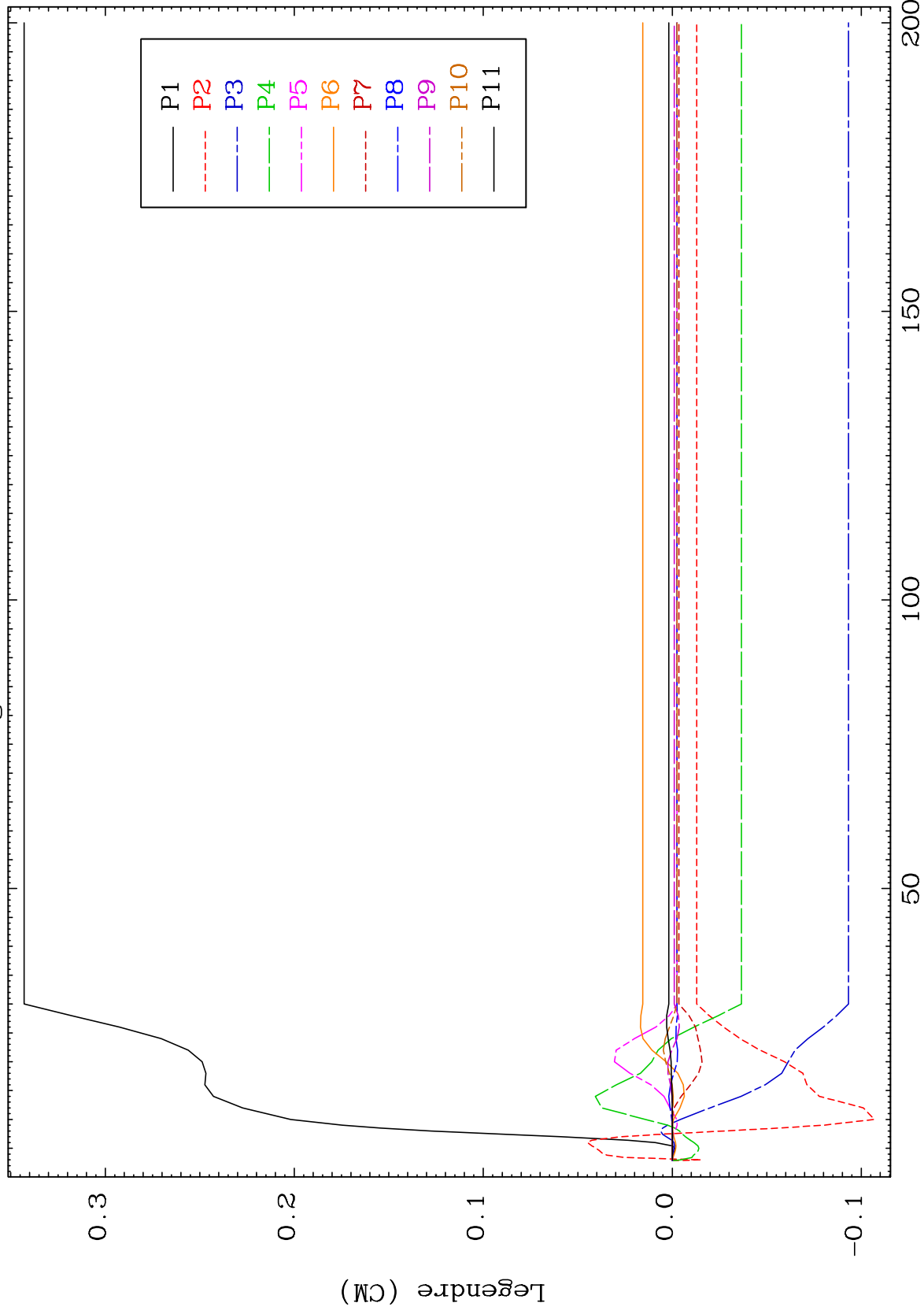
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



84

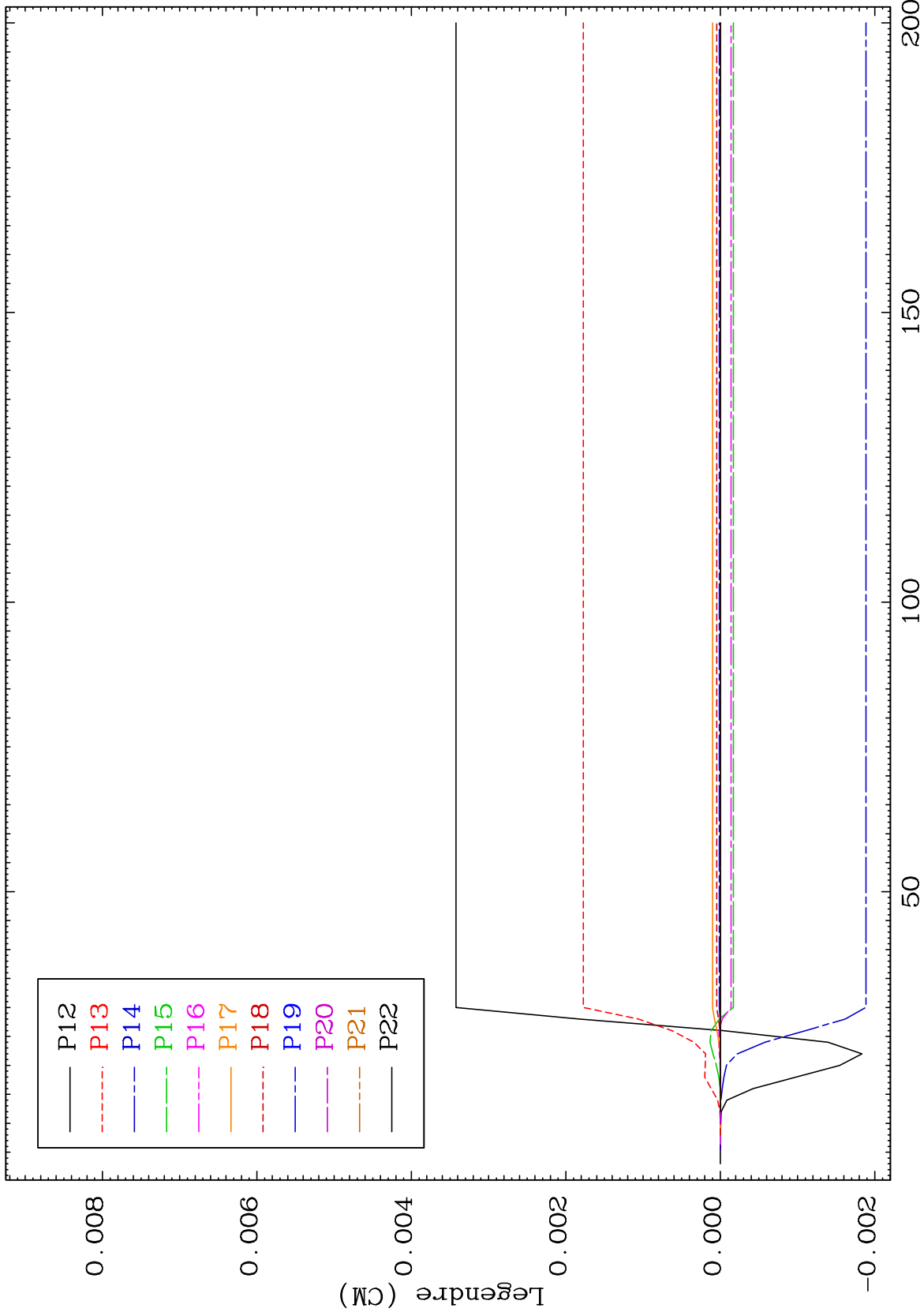
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



85

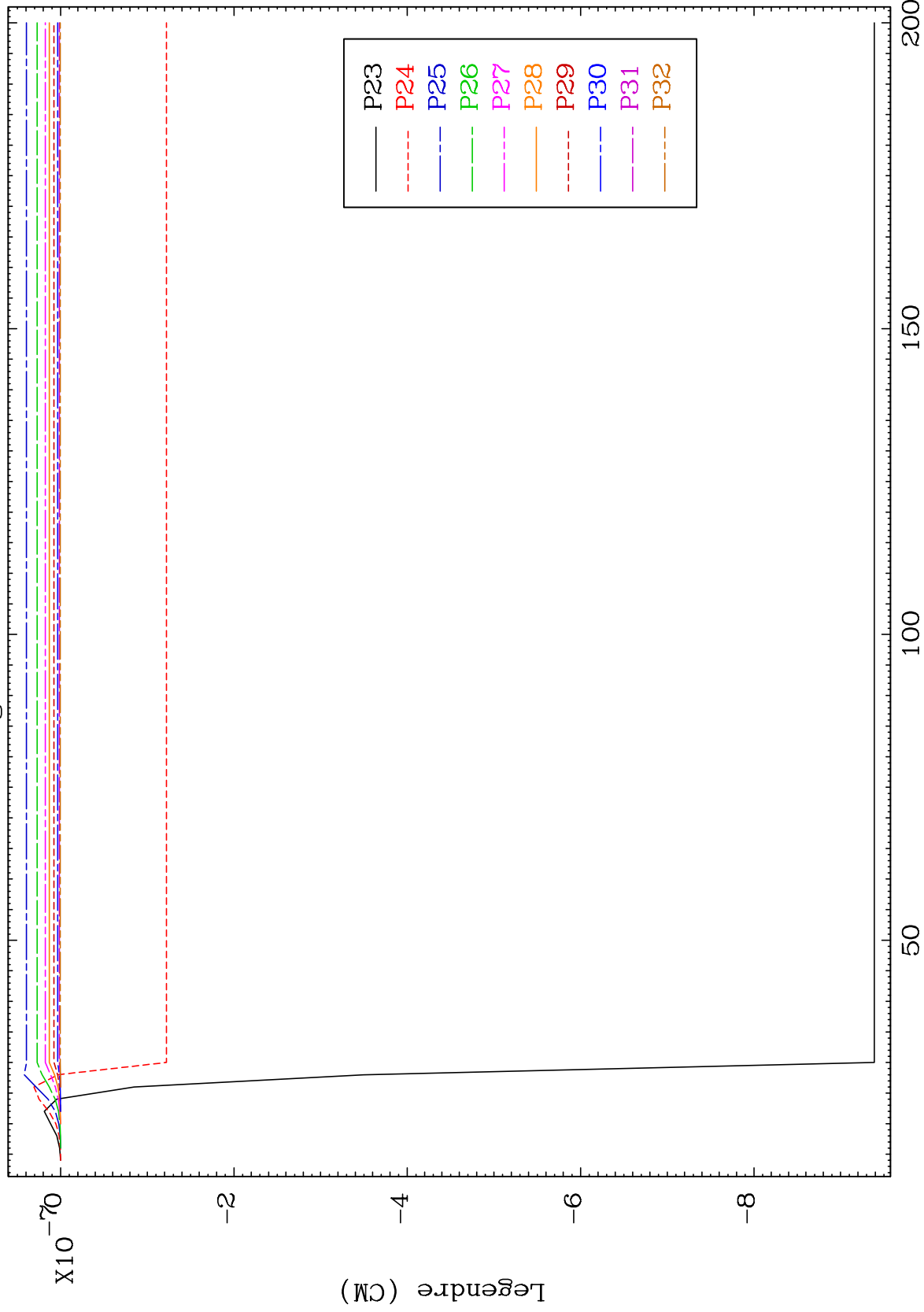
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



86

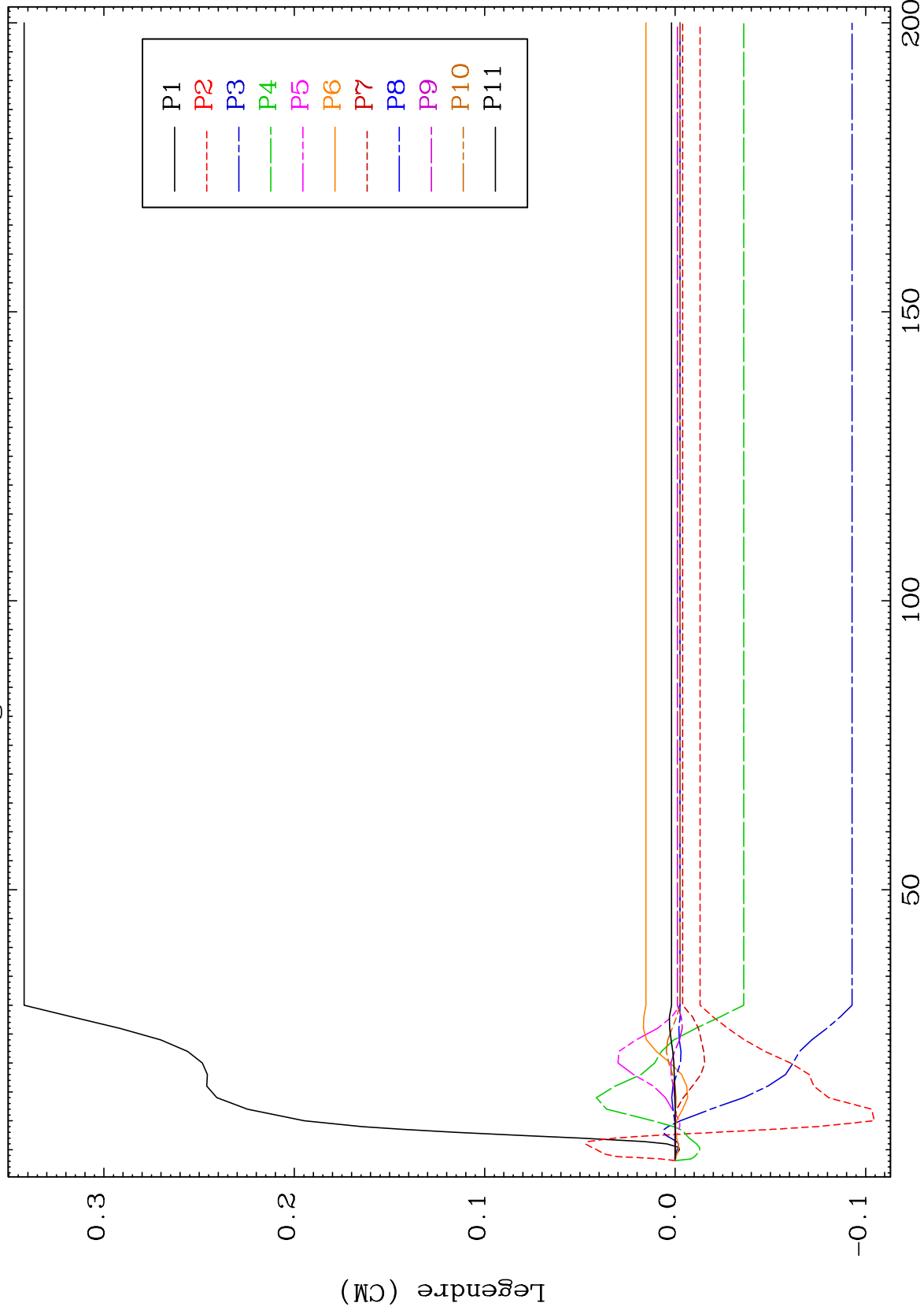
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

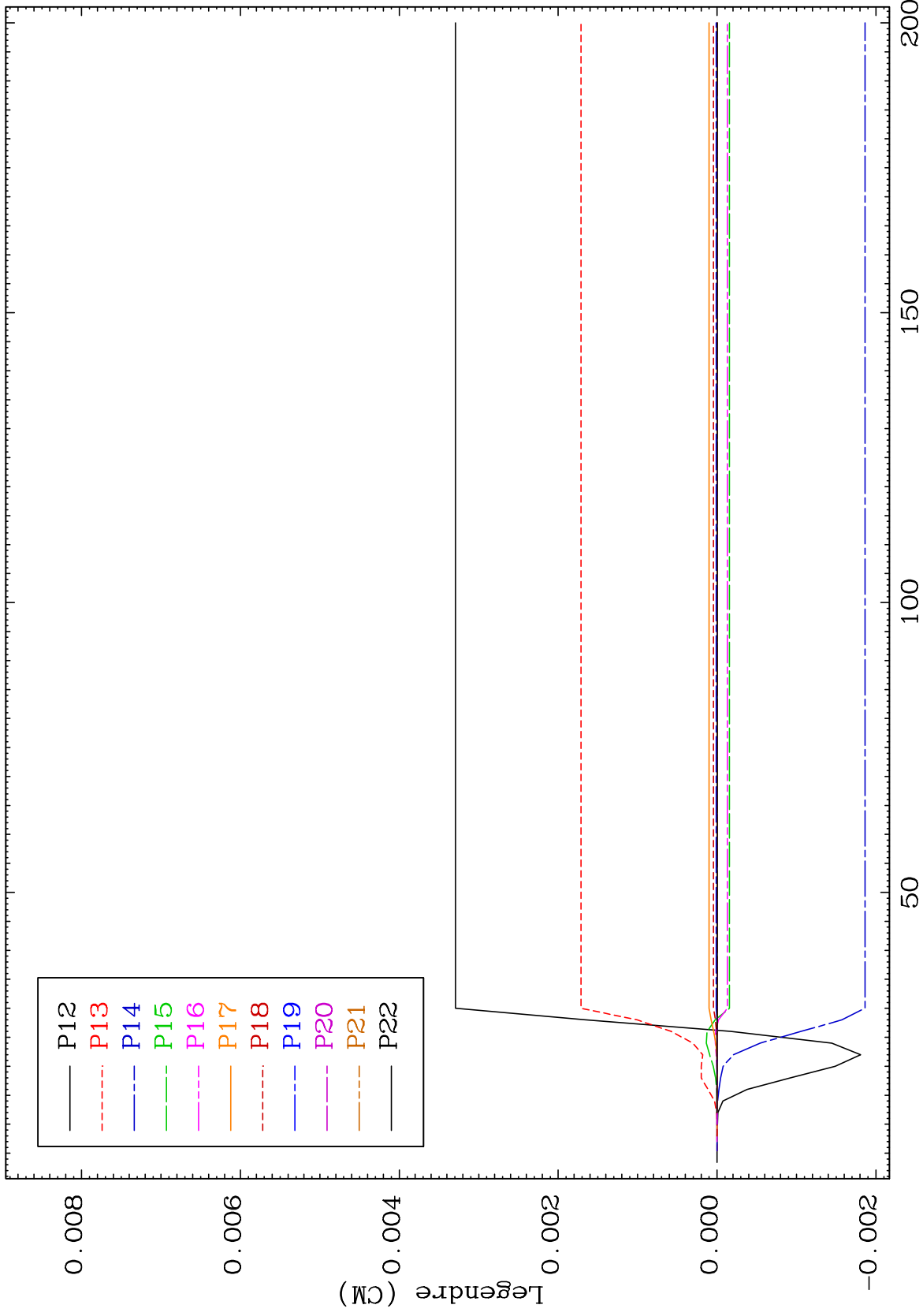
48-Cd-122



87

Incident Energy (MeV)

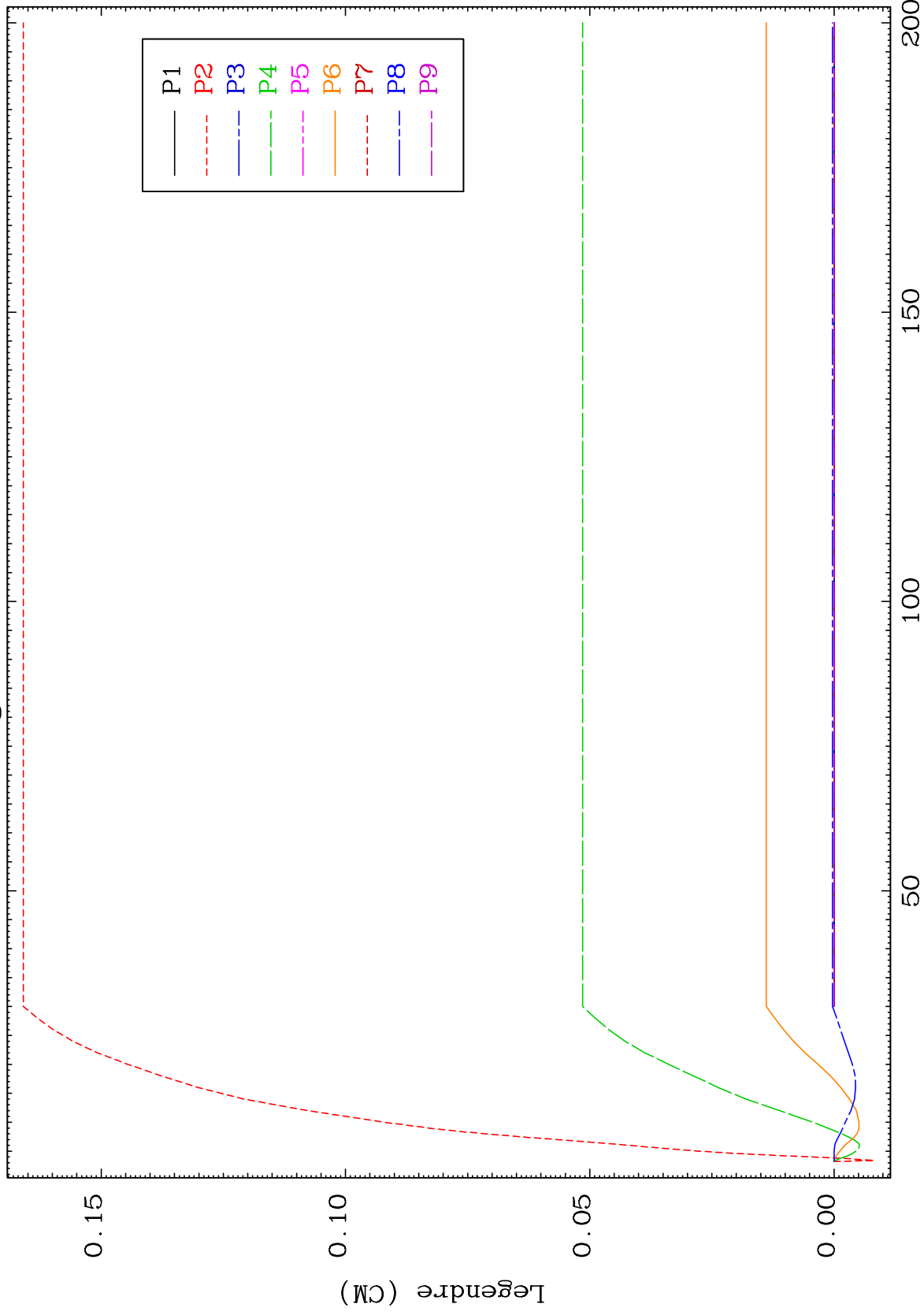
48-Cd-122



MAT 4873

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

48-Cd-122



90

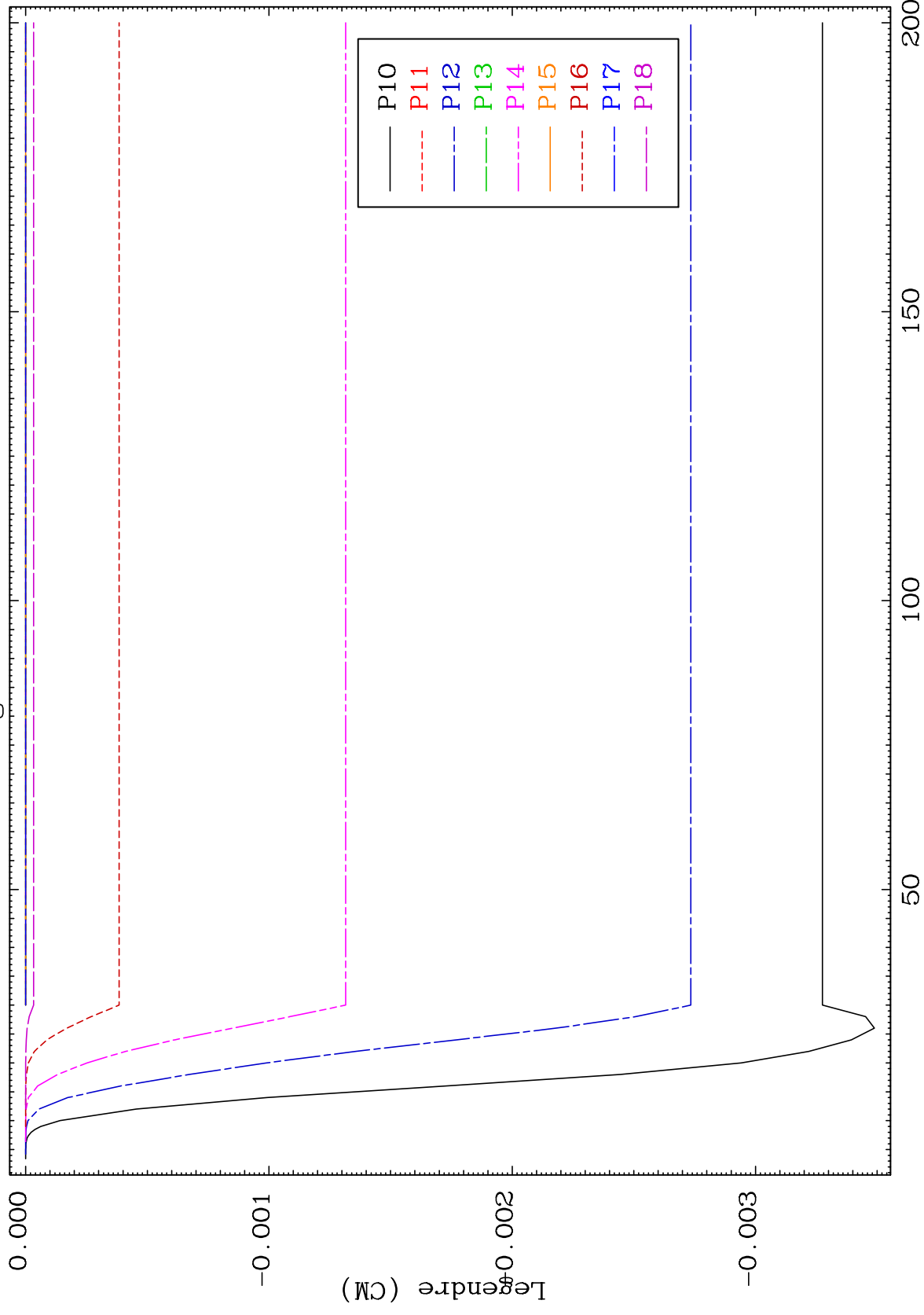
Incident Energy (MeV)

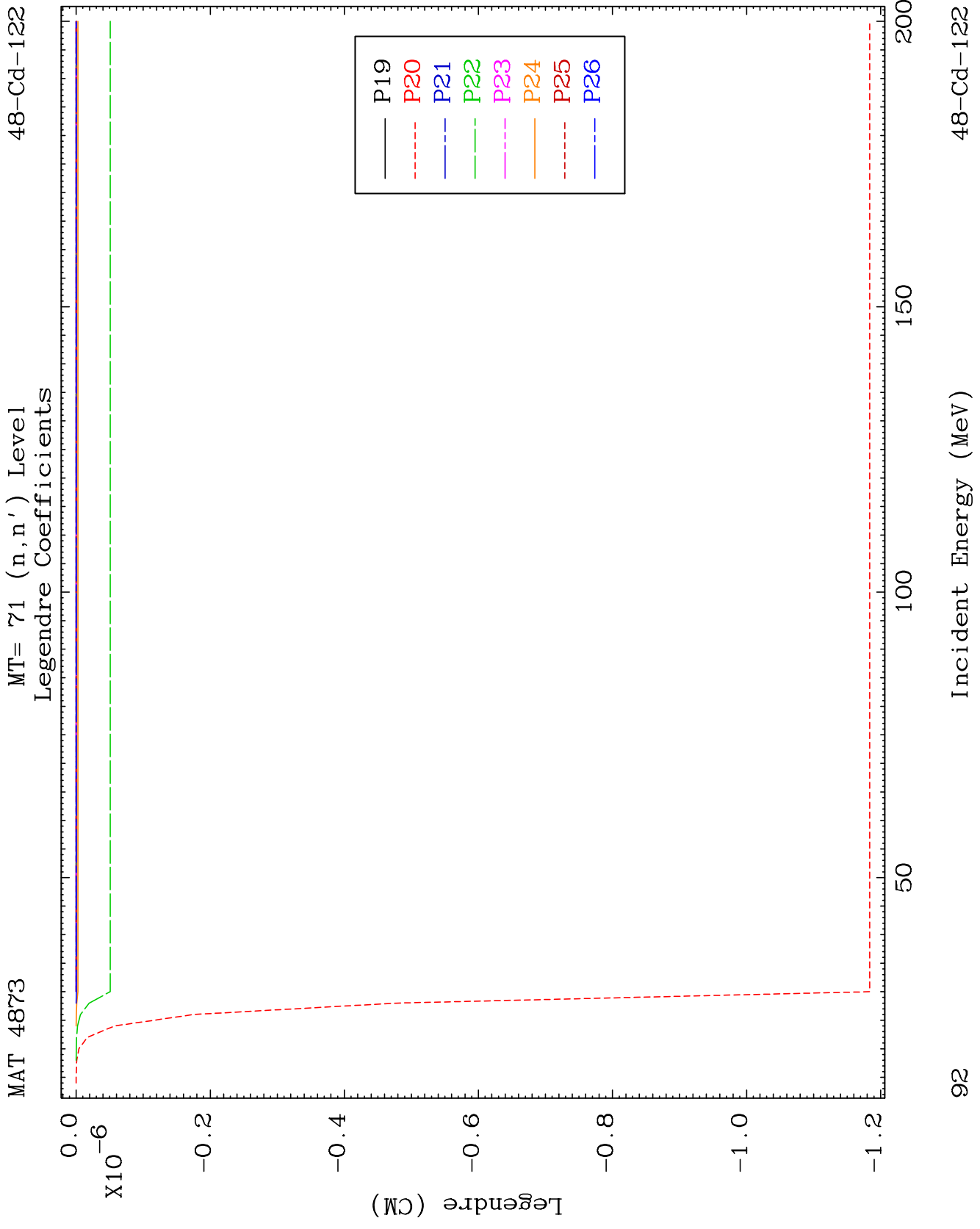
48-Cd-122

MAT 4873

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

48-Cd-122

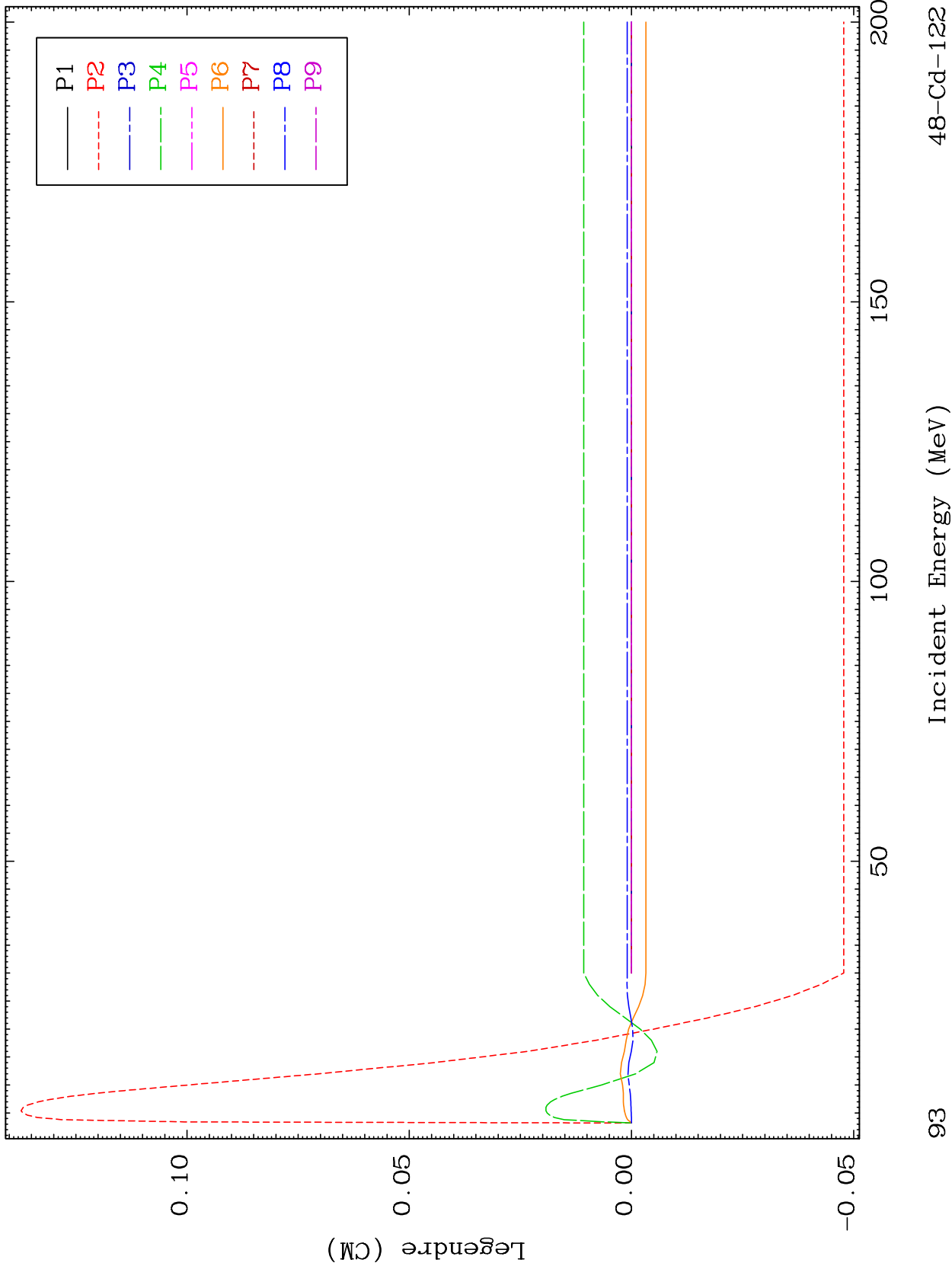




MAT 4873

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

48-Cd-122



93

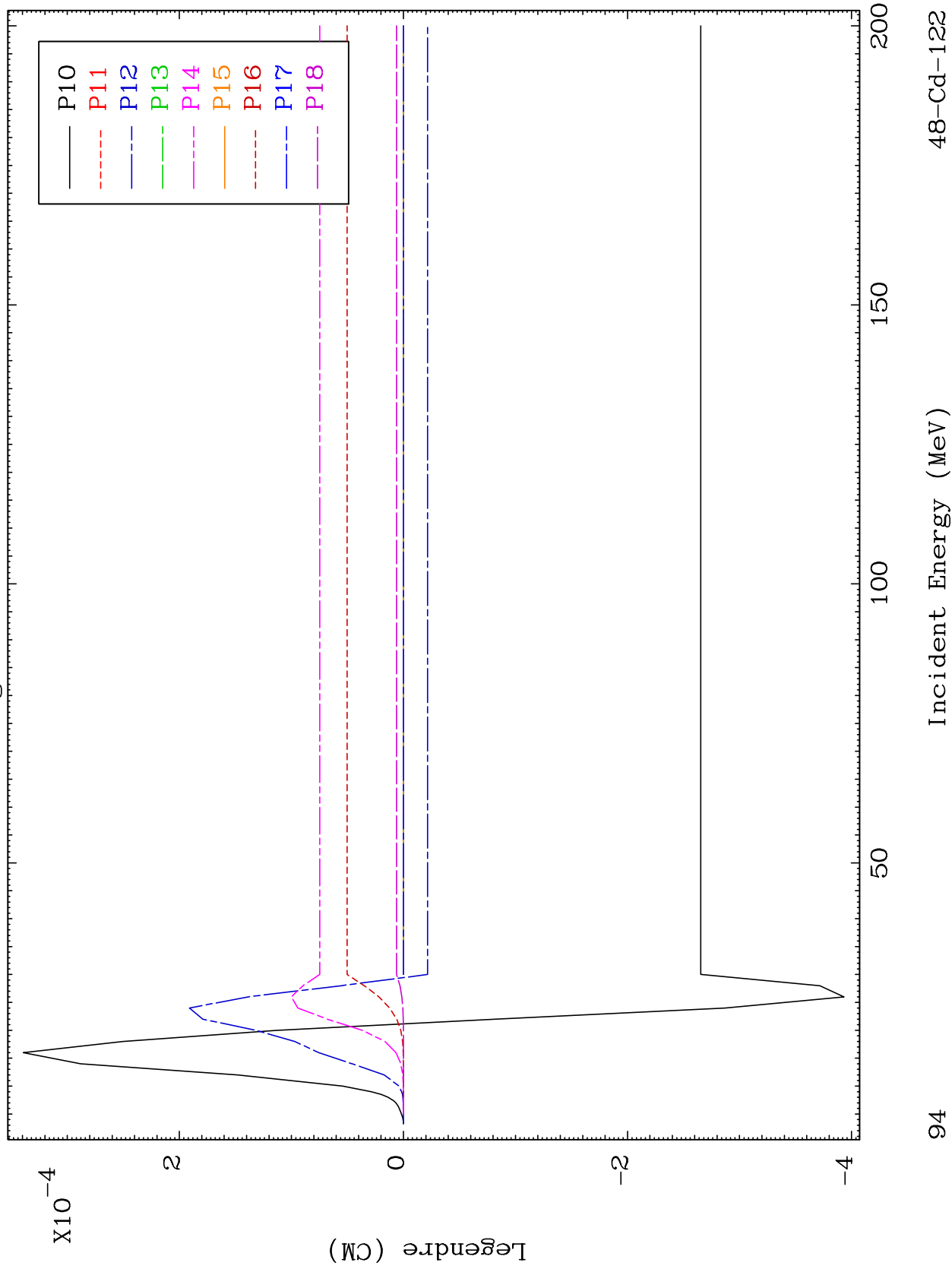
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

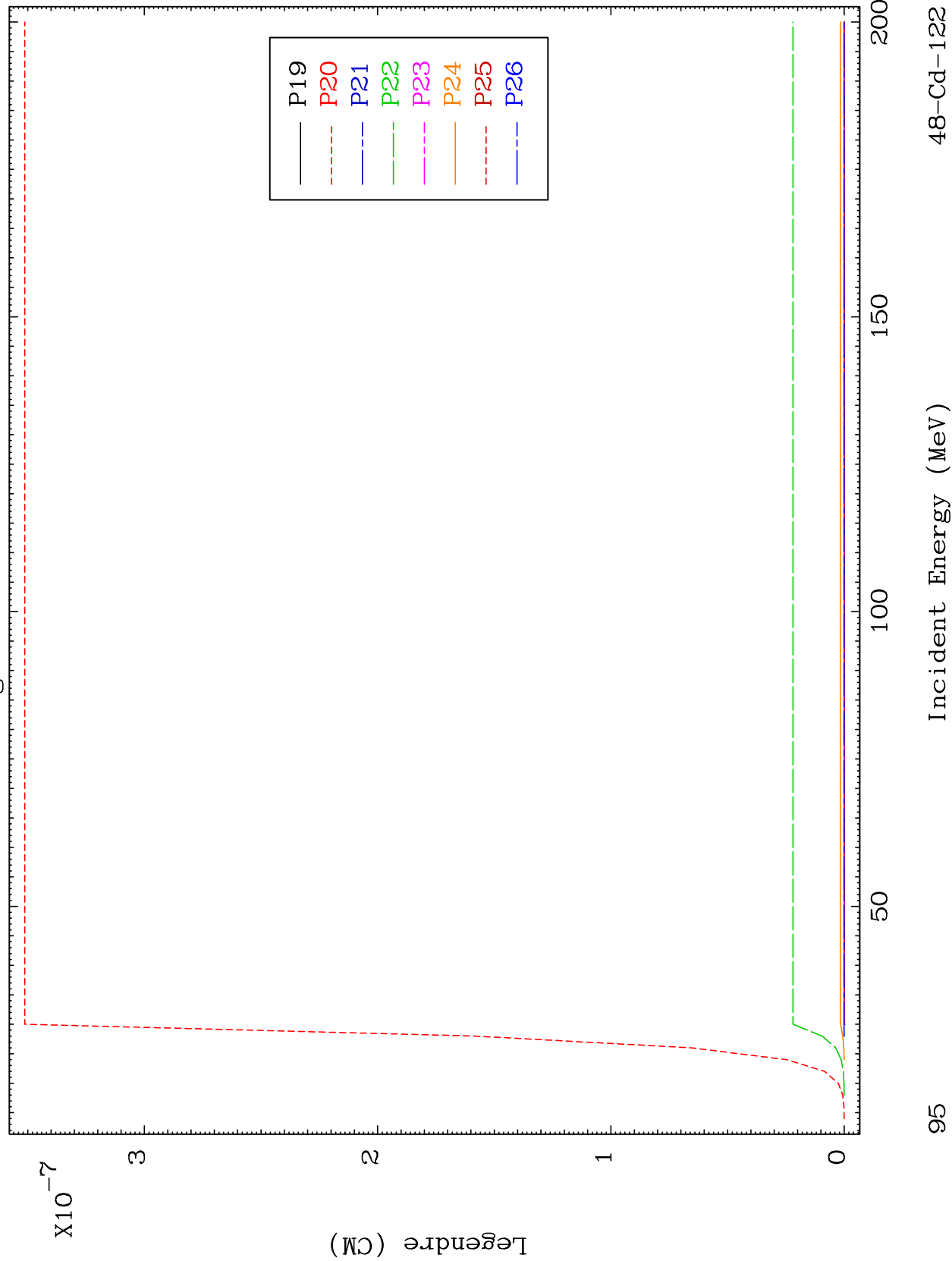
48-Cd-122



MAT 4873

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

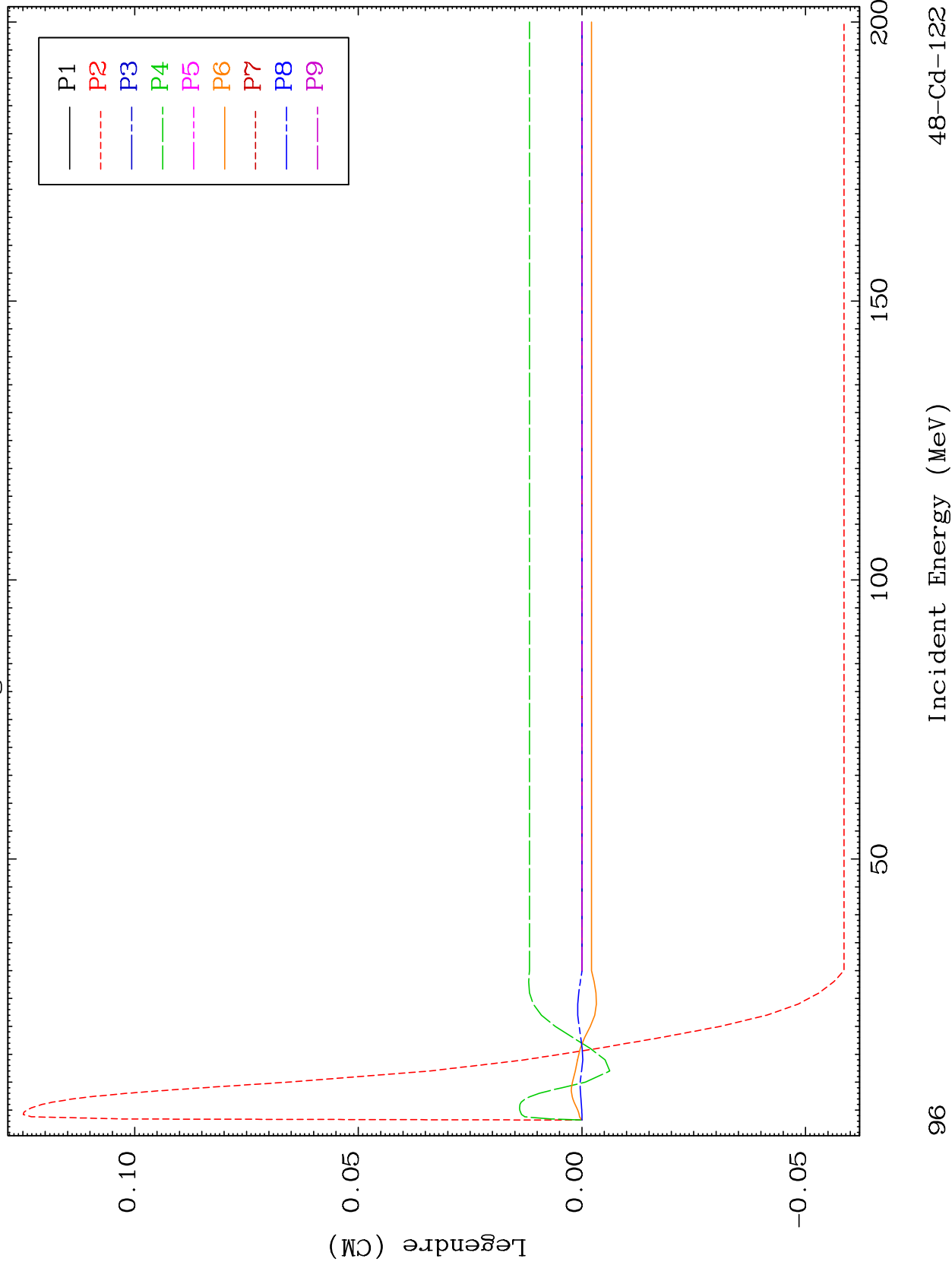
48-Cd-122



MAT 4873

MT= 73 (n,n') Level
Legendre Coefficients

48-Cd-122



96

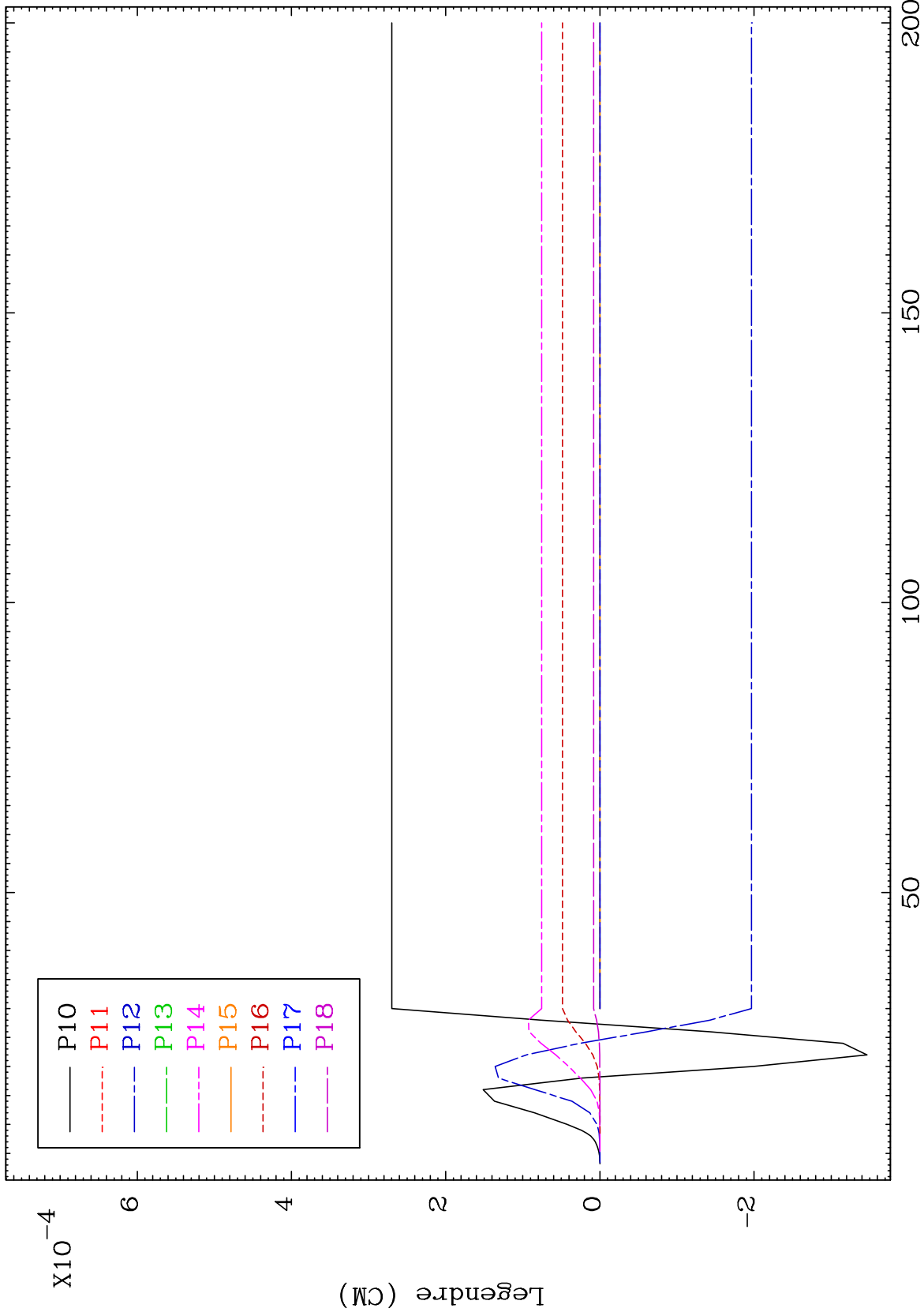
Incident Energy (MeV)

48-Cd-122

MAT 4873

MT= 73 (n,n') Level
Legendre Coefficients

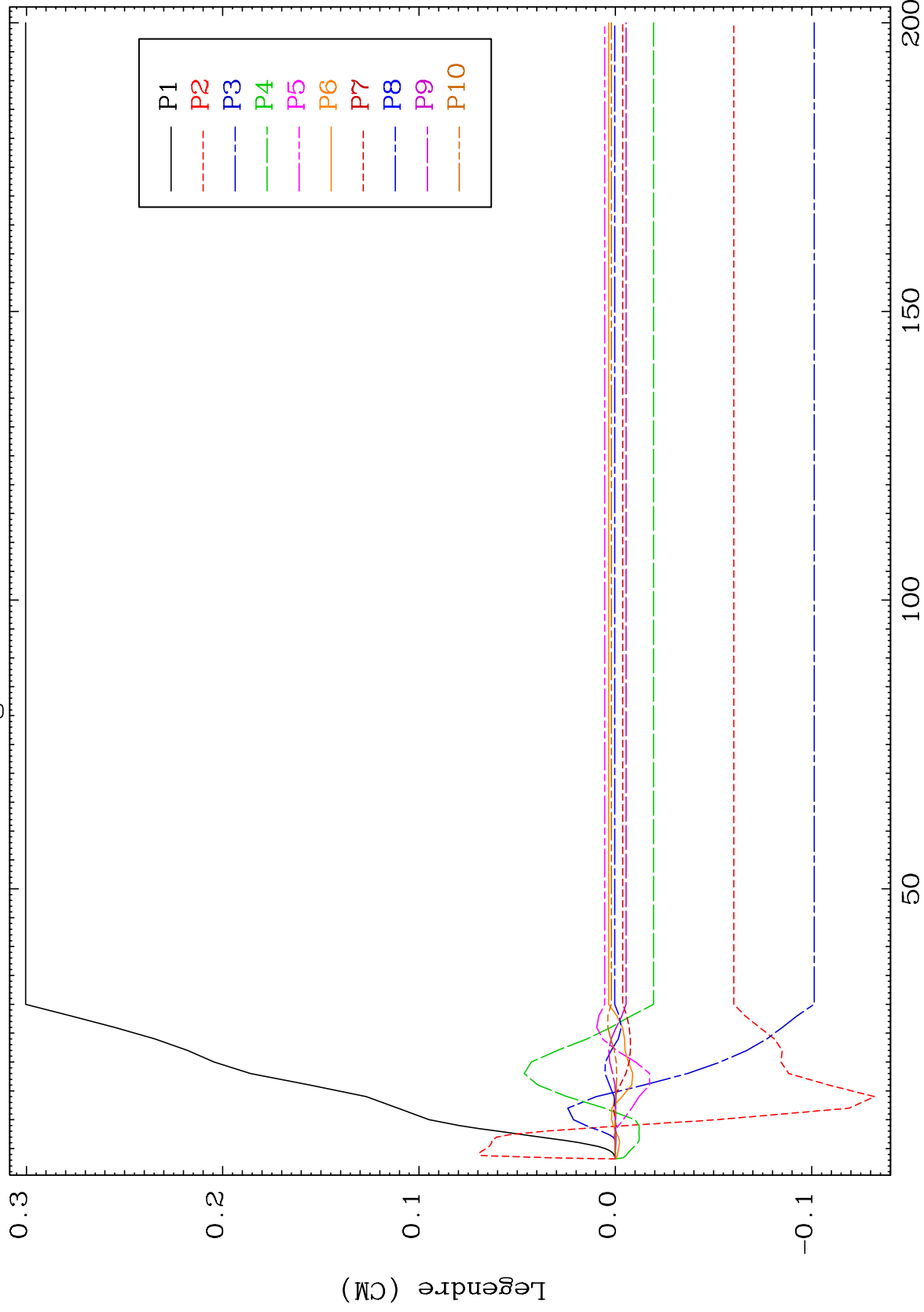
48-Cd-122



MAT 4873

MT= 74 (n,n') Level
Legendre Coefficients

48-Cd-122



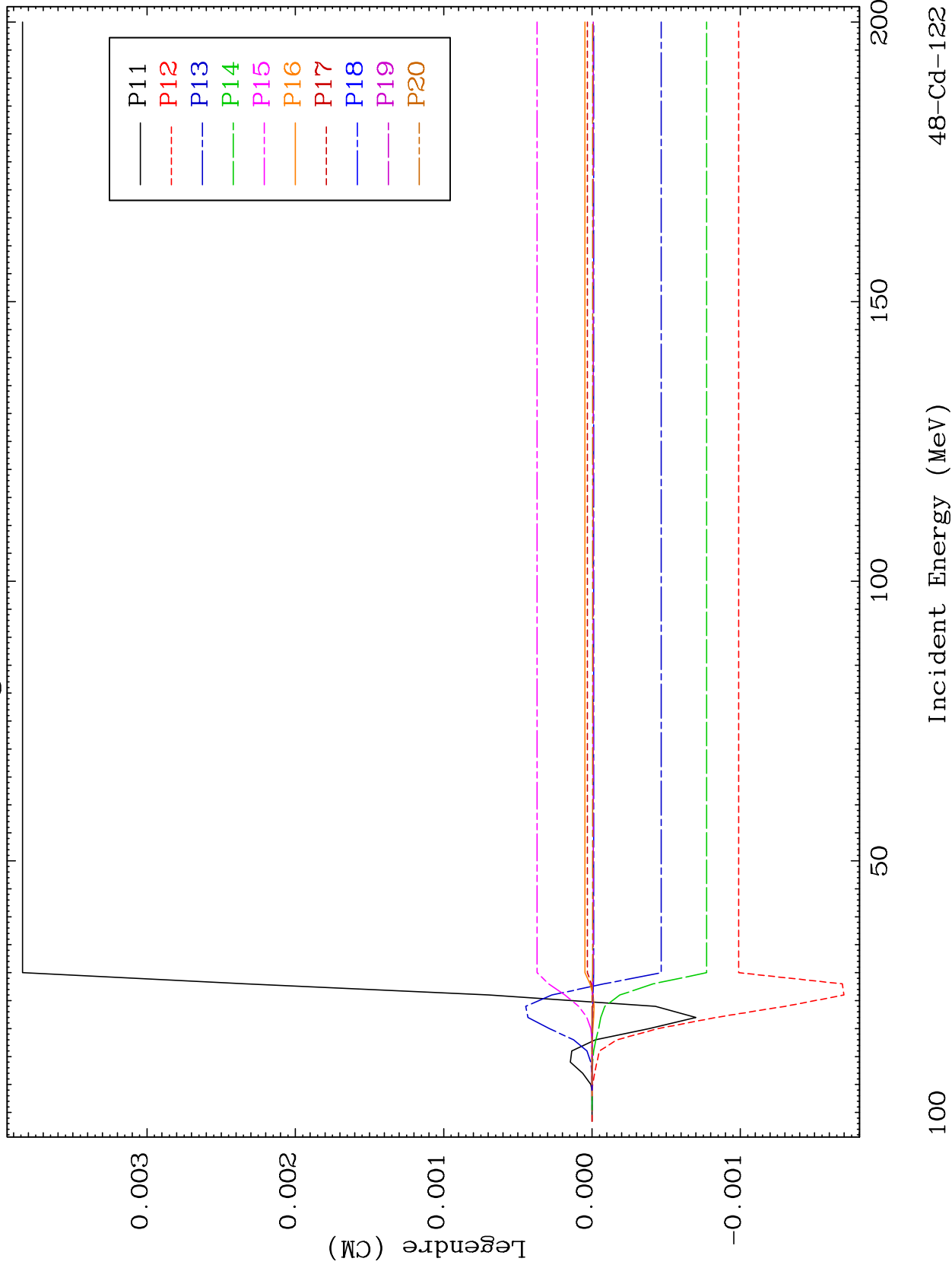
99

48-Cd-122

MAT 4873

MT= 74 (n,n') Level
Legendre Coefficients

48-Cd-122



100

Incident Energy (MeV)

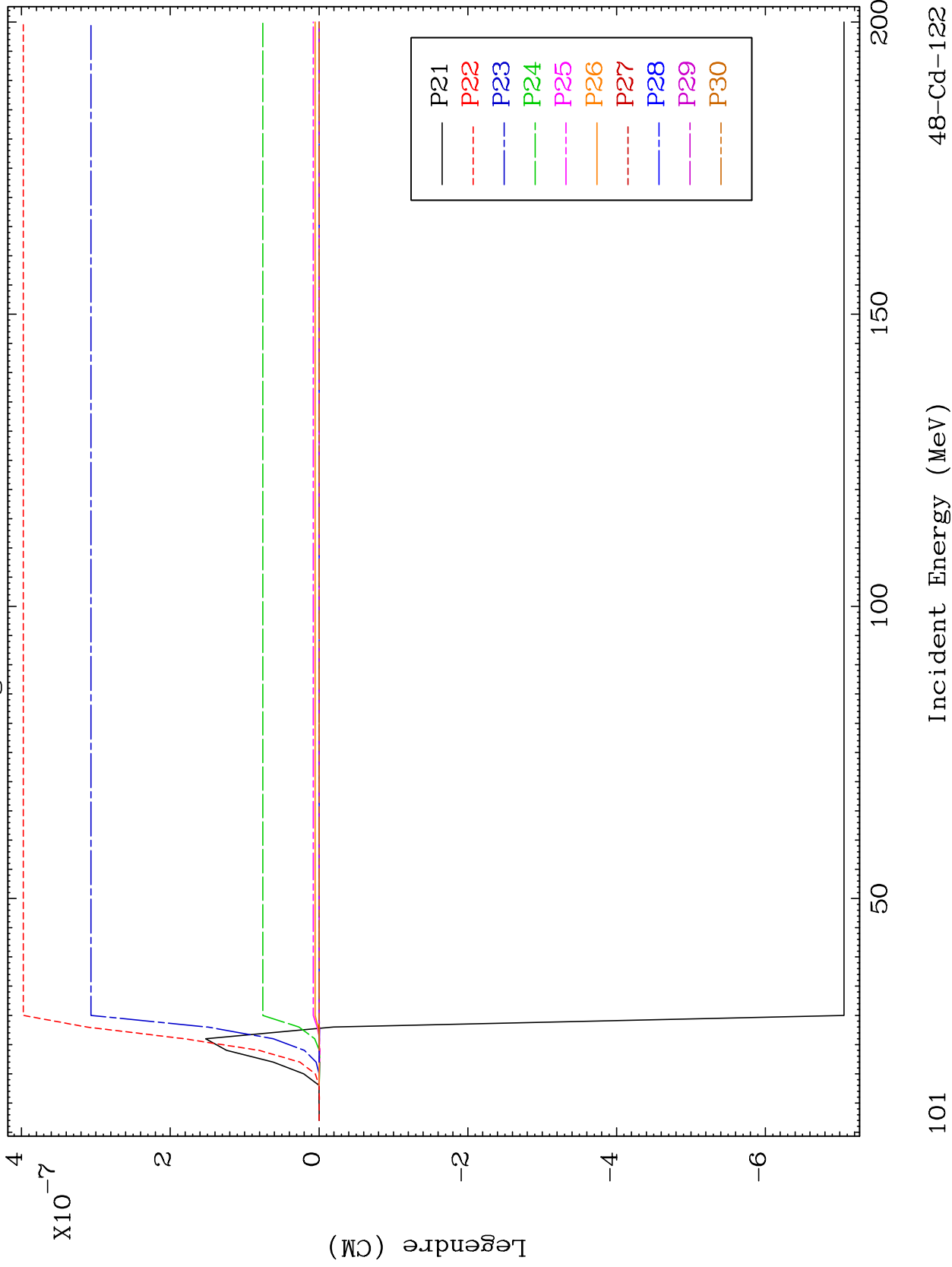
48-Cd-122

MAT 4873

MT= 74 (n,n') Level

48-Cd-122

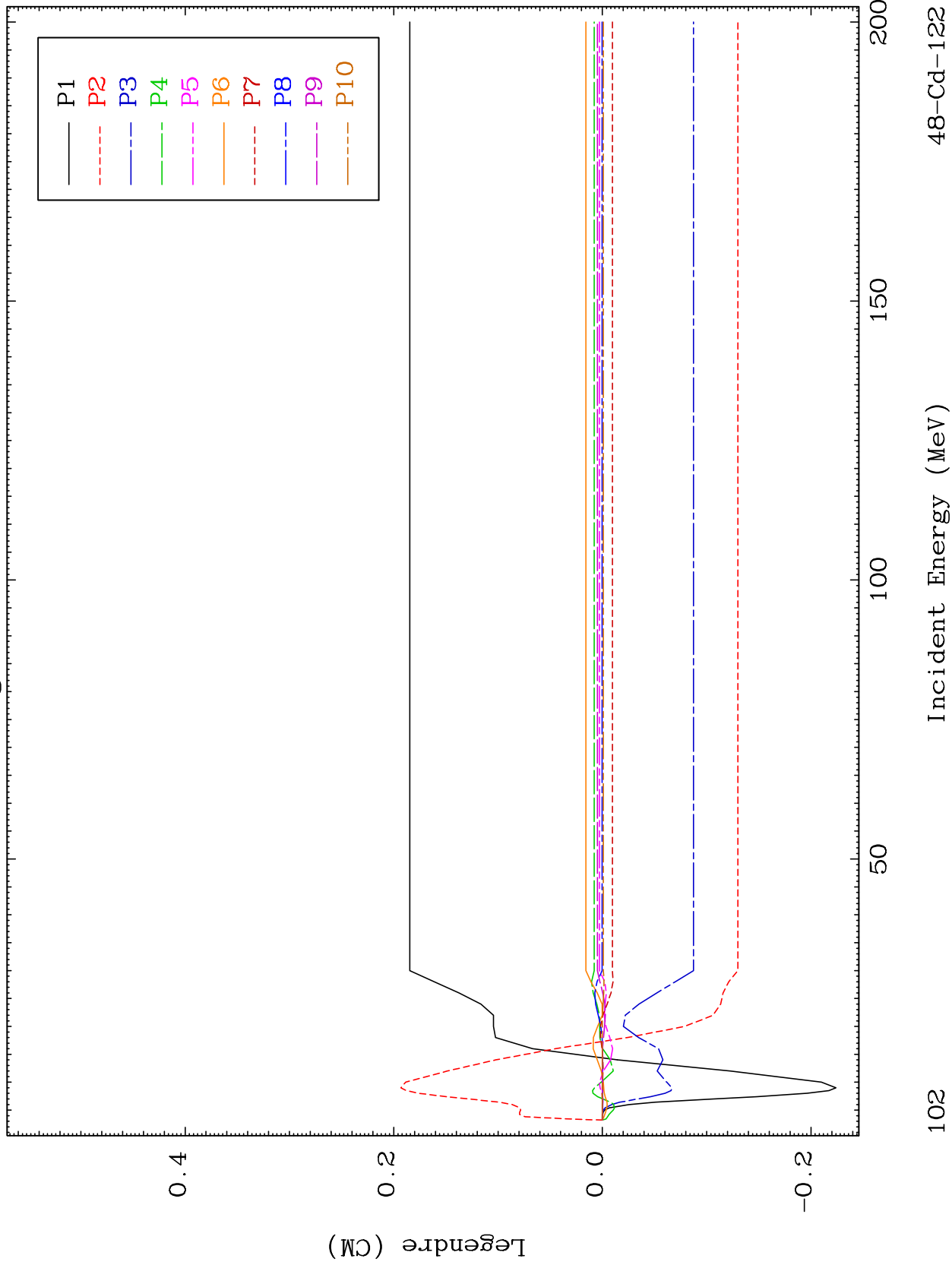
Legendre Coefficients



MAT 4873

MT= 75 (n,n') Level
Legendre Coefficients

48-Cd-122



48-Cd-122

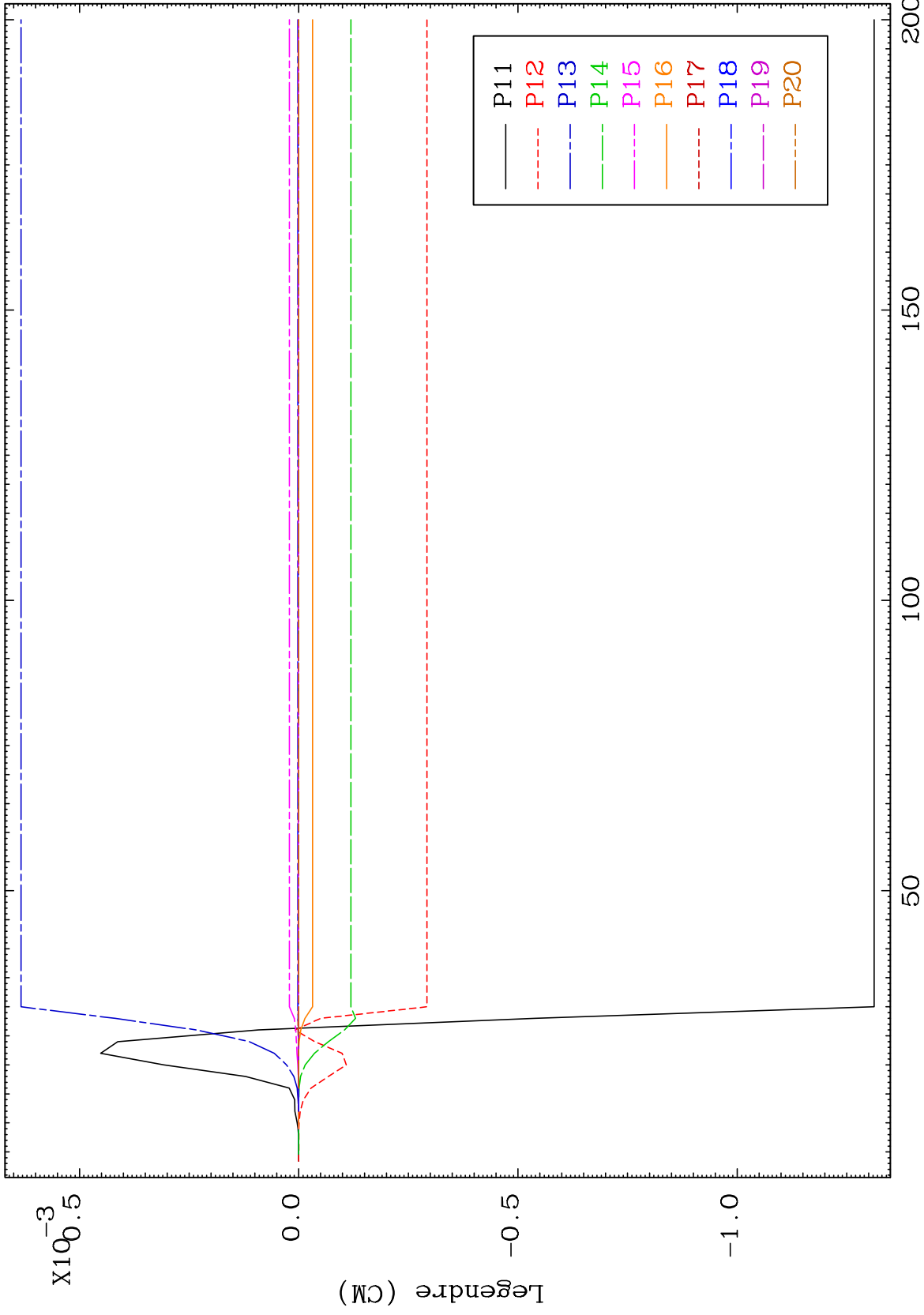
Incident Energy (MeV)

102

MAT 4873

MT= 75 (n,n') Level
Legendre Coefficients

48-Cd-122



103

Incident Energy (MeV)

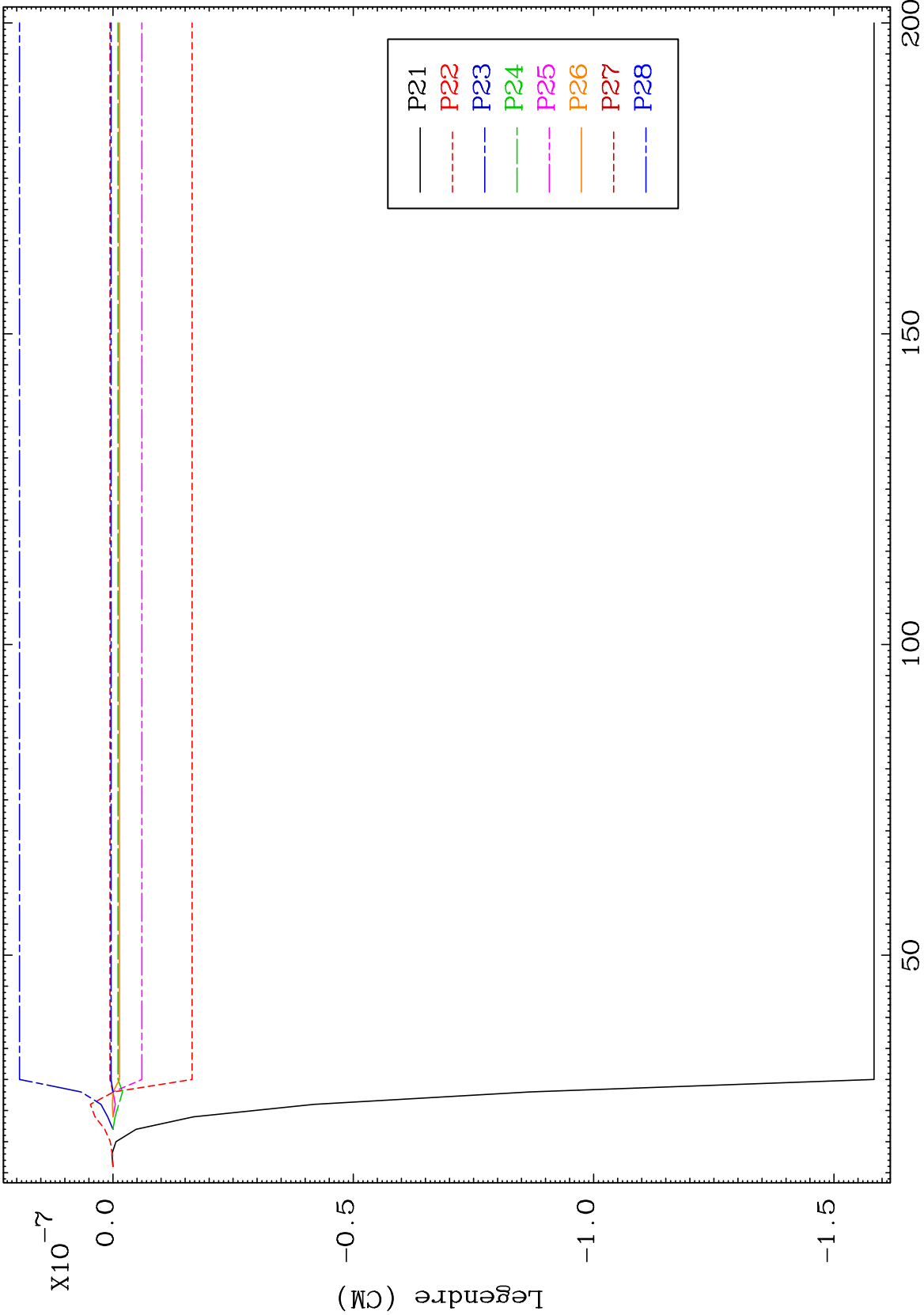
48-Cd-122

MAT 4873

MT= 75 (n,n') Level

48-Cd-122

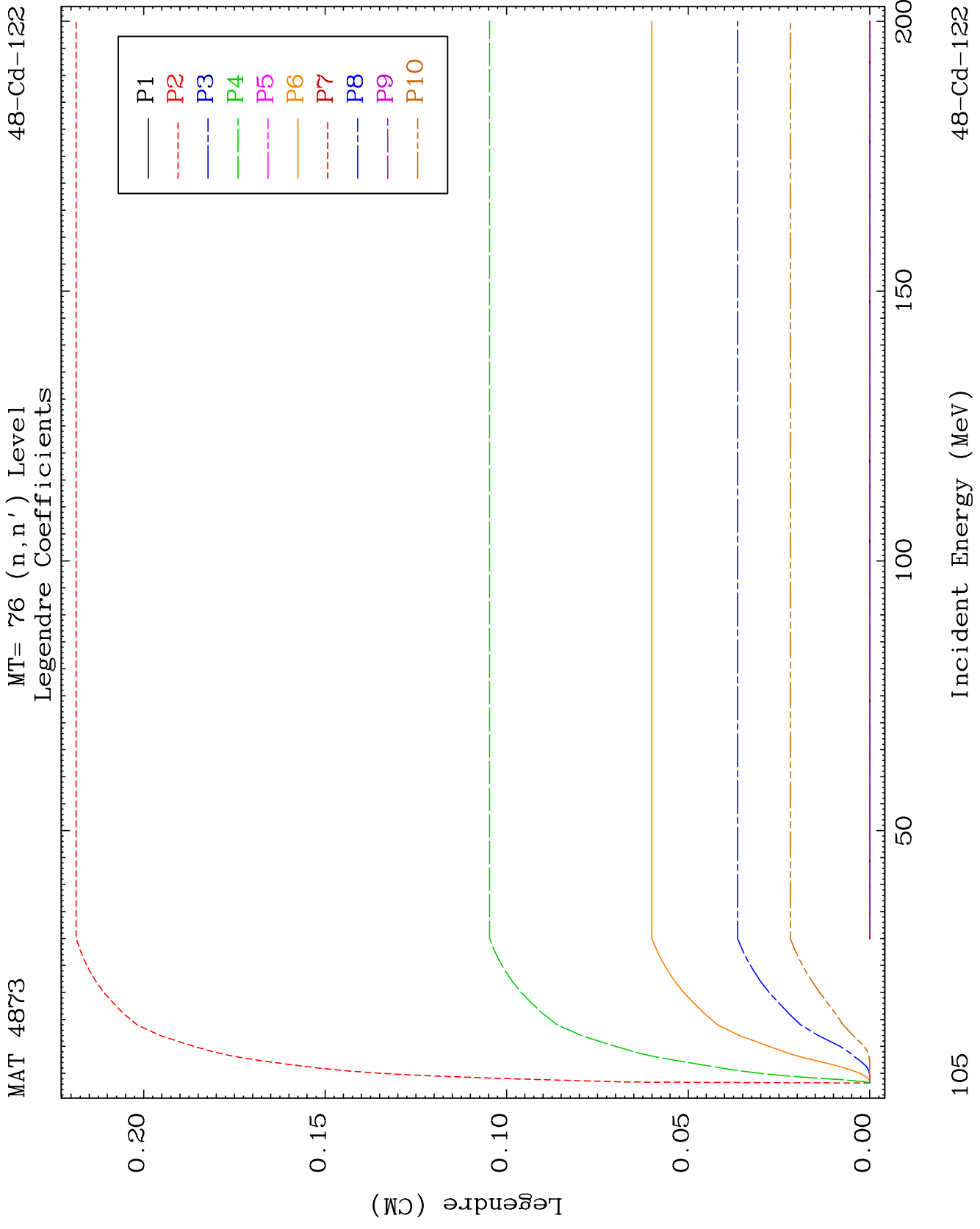
Legendre Coefficients



104

Incident Energy (MeV)

48-Cd-122

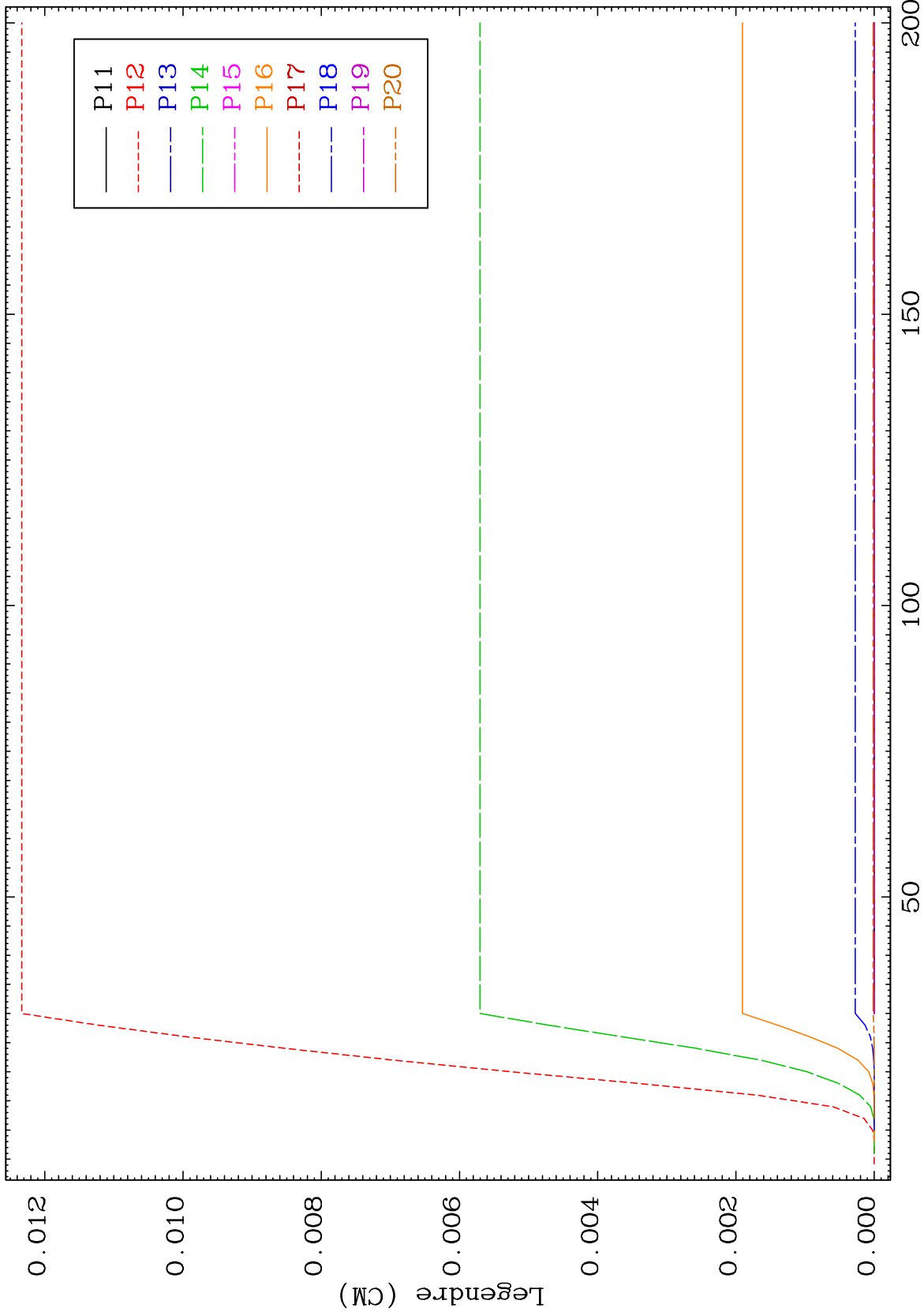


MAT 4873

MT= 76 (n,n') Level

48-Cd-122

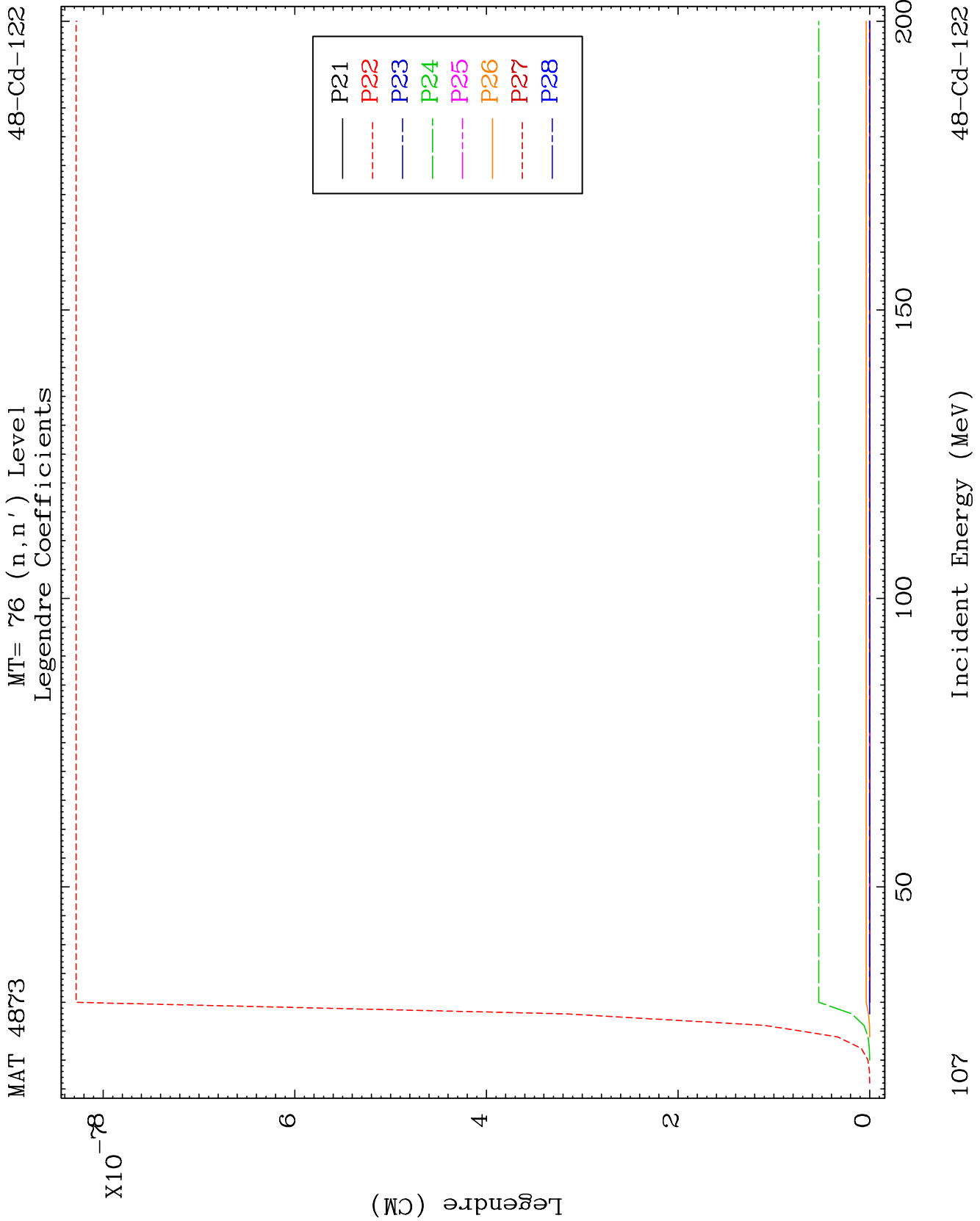
Legendre Coefficients



106

Incident Energy (MeV)

48-Cd-122

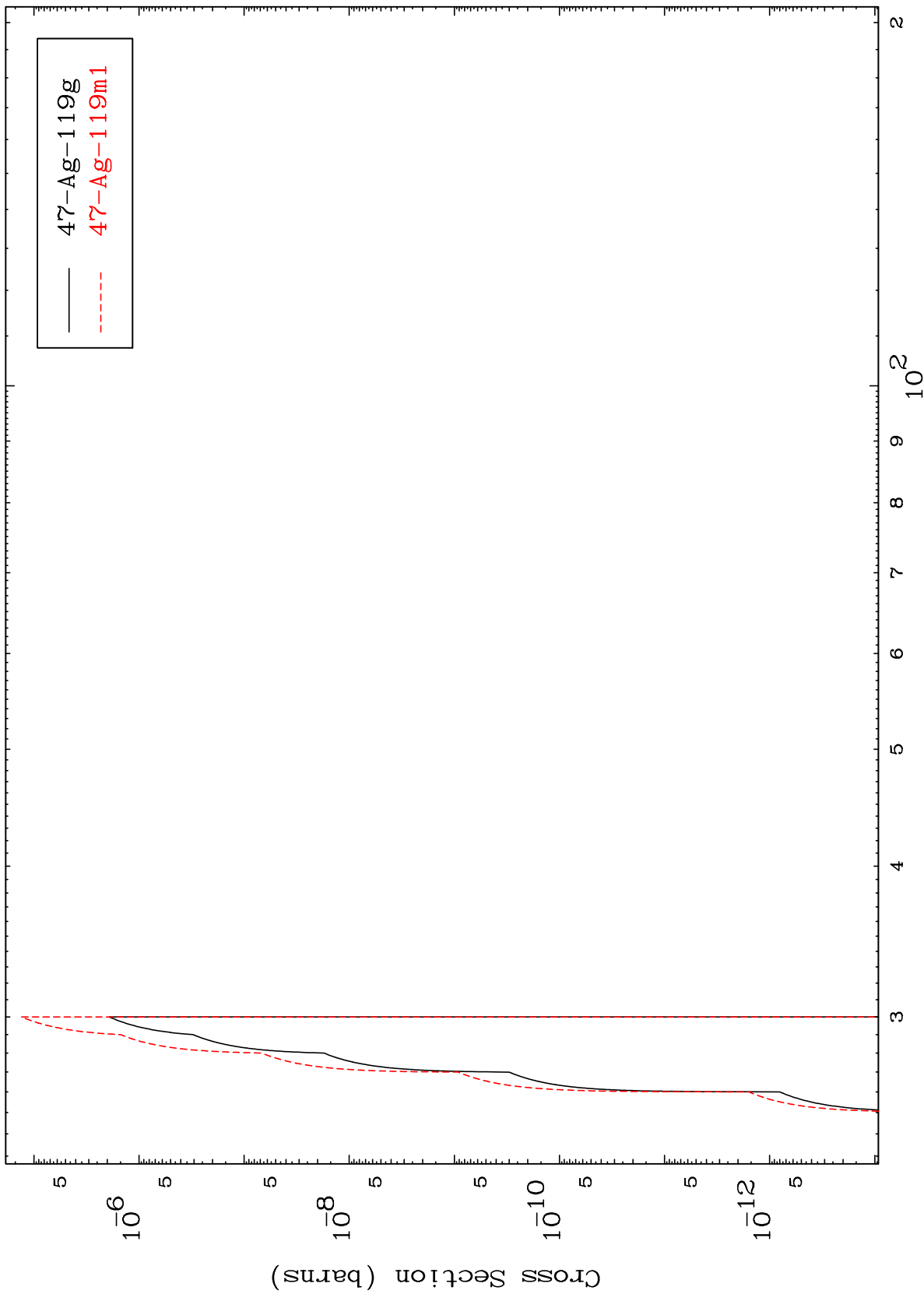


MAT 4873

(n,2n) d

48-Cd-122

Radionuclide Production Cross Section



108

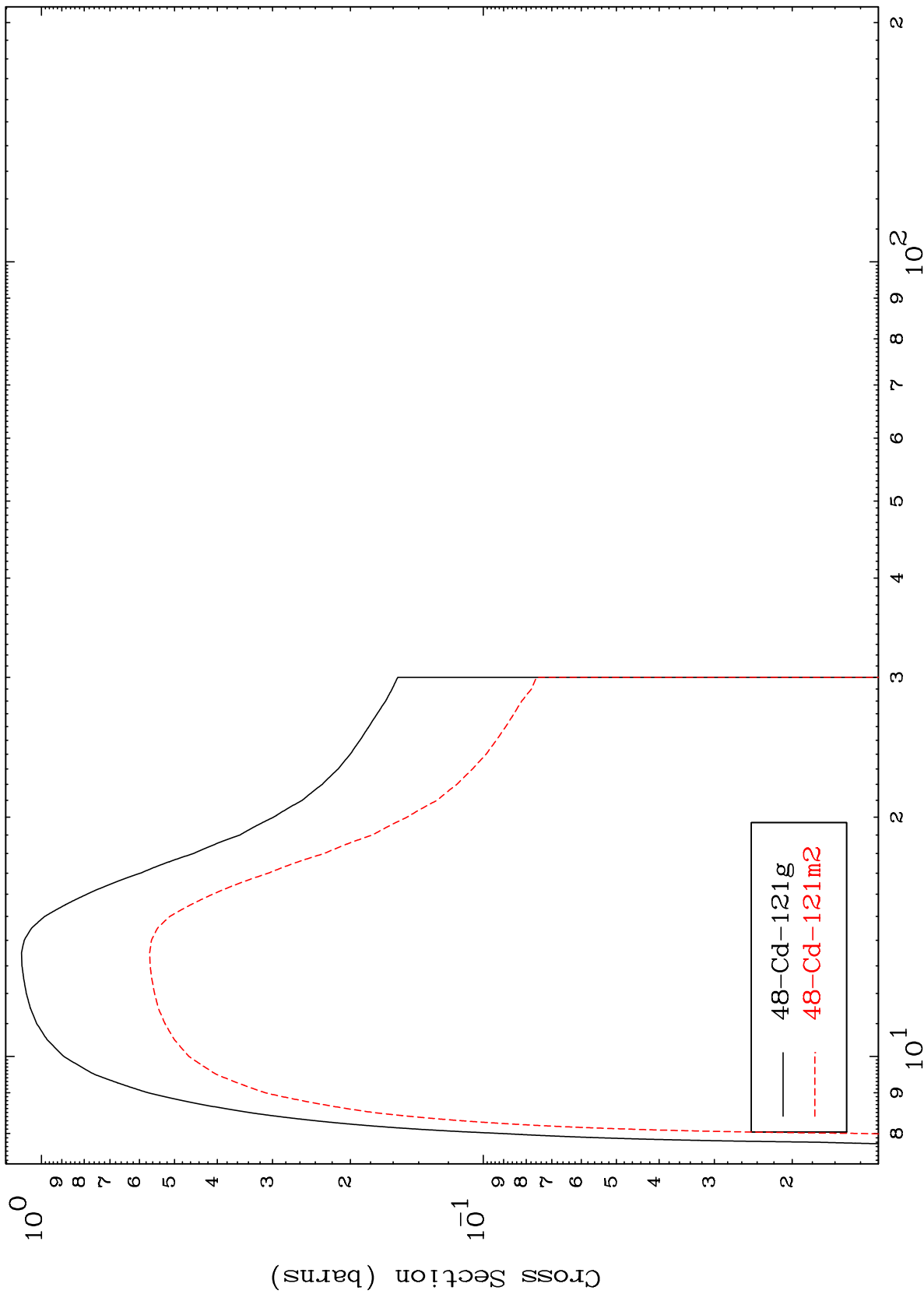
Incident Energy (MeV)

48-Cd-122

MAT 4873

48-Cd-122

(n,2n)
Radionuclide Production Cross Section



109

Incident Energy (MeV)

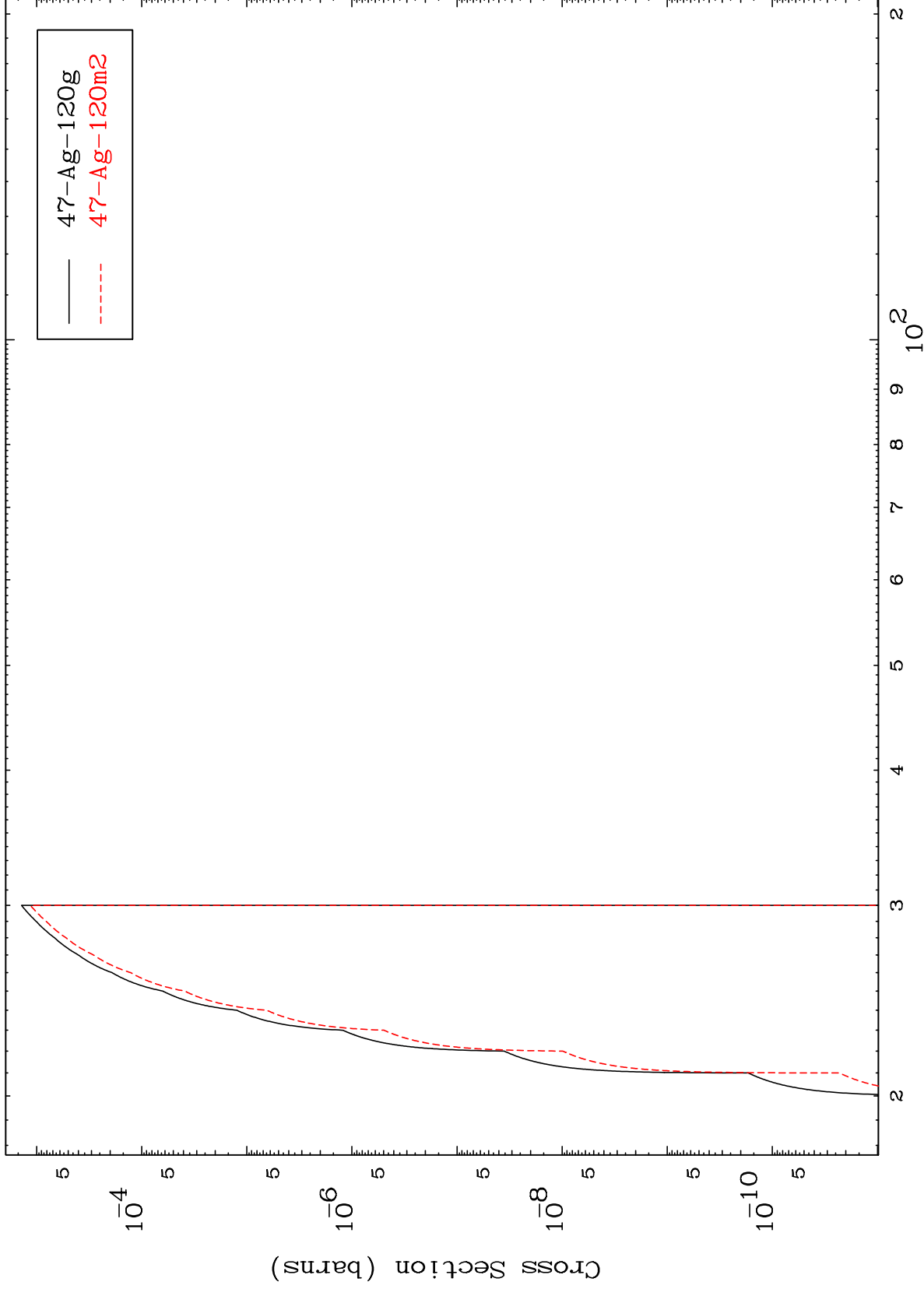
48-Cd-122

MAT 4873

(n,n') d

48-Cd-122

Radionuclide Production Cross Section

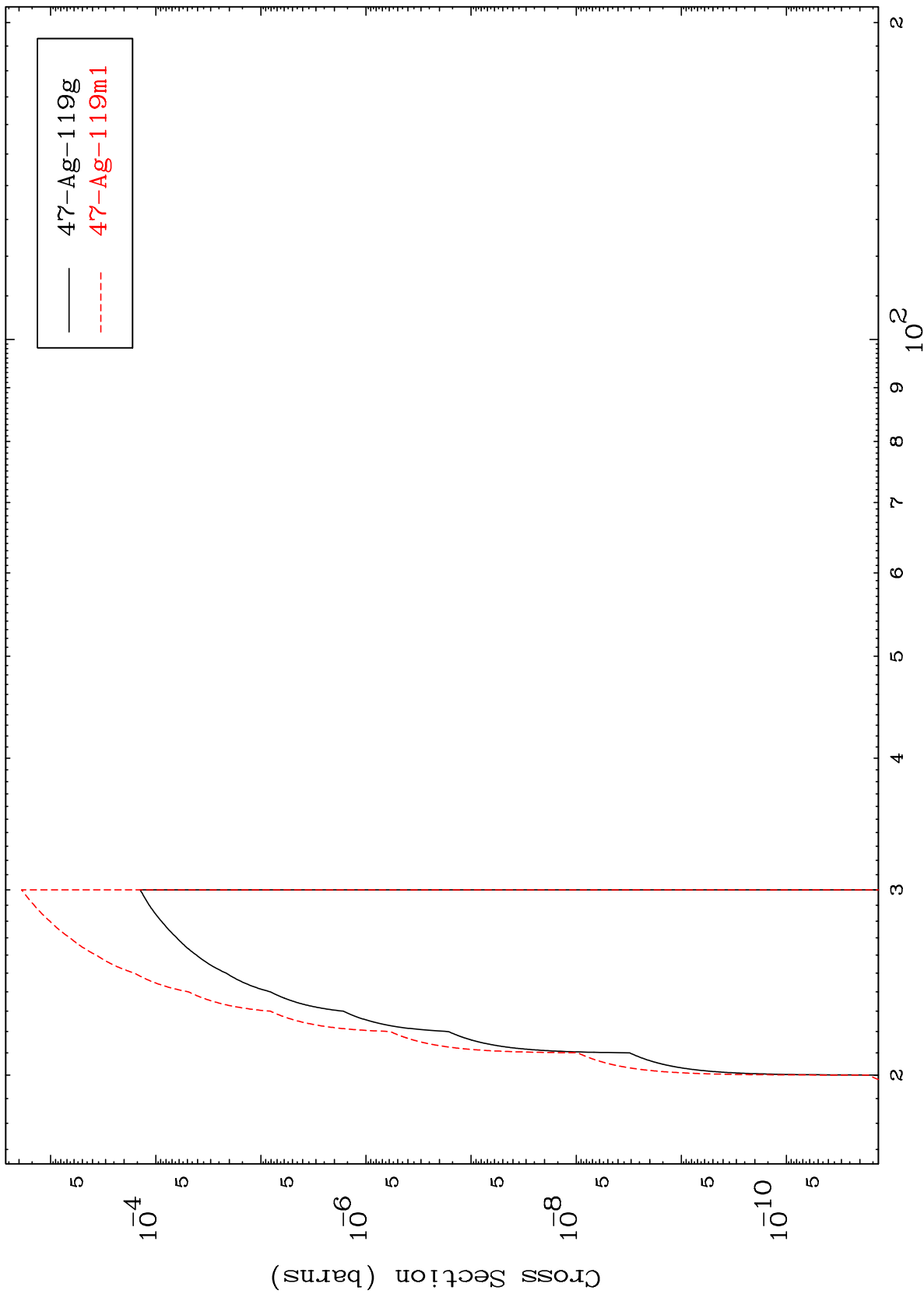


110

Incident Energy (MeV)

48-Cd-122

Radionuclide Production Cross Section

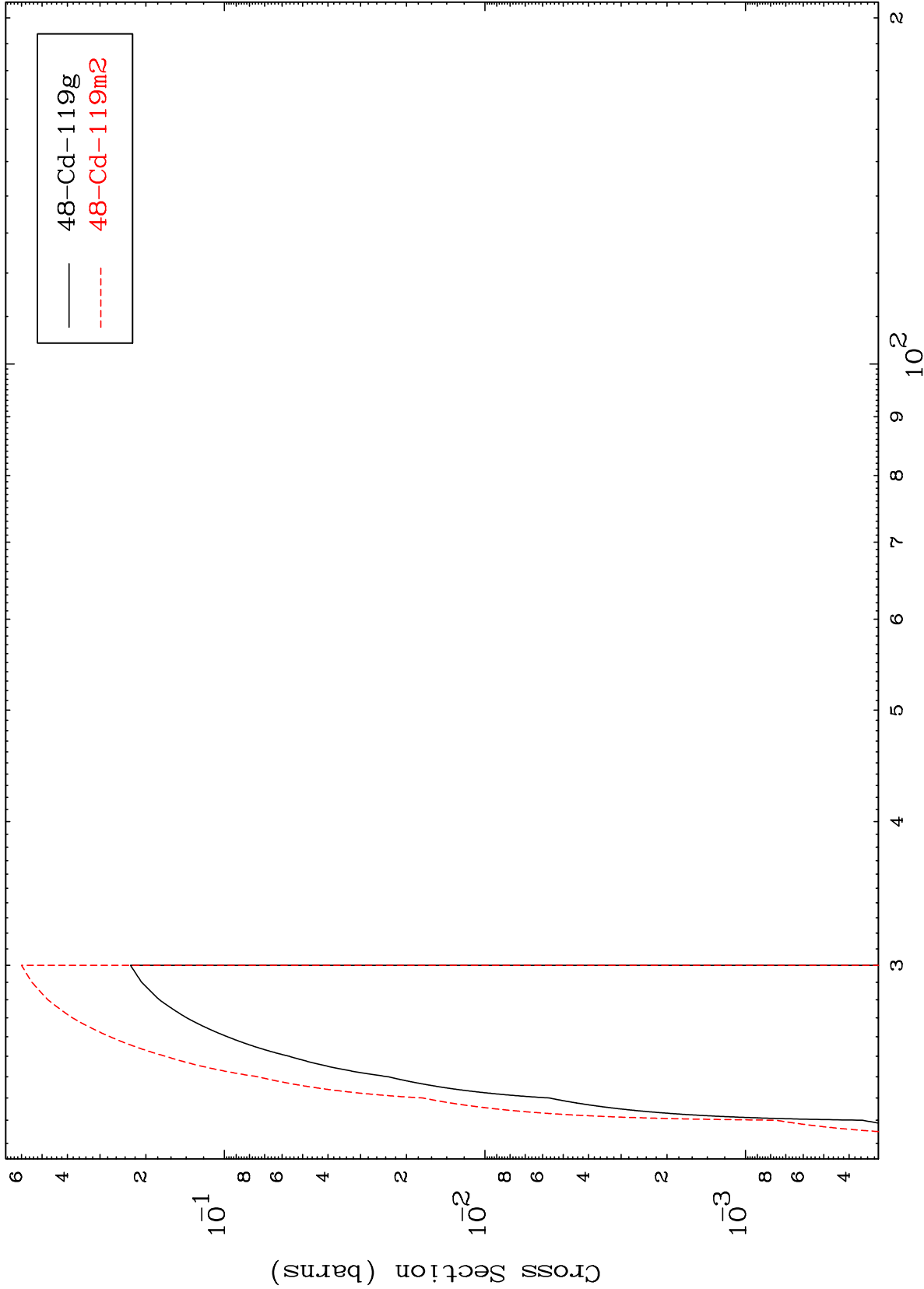


MAT 4873

(n,4n)

48-Cd-122

Radionuclide Production Cross Section



112

Incident Energy (MeV)

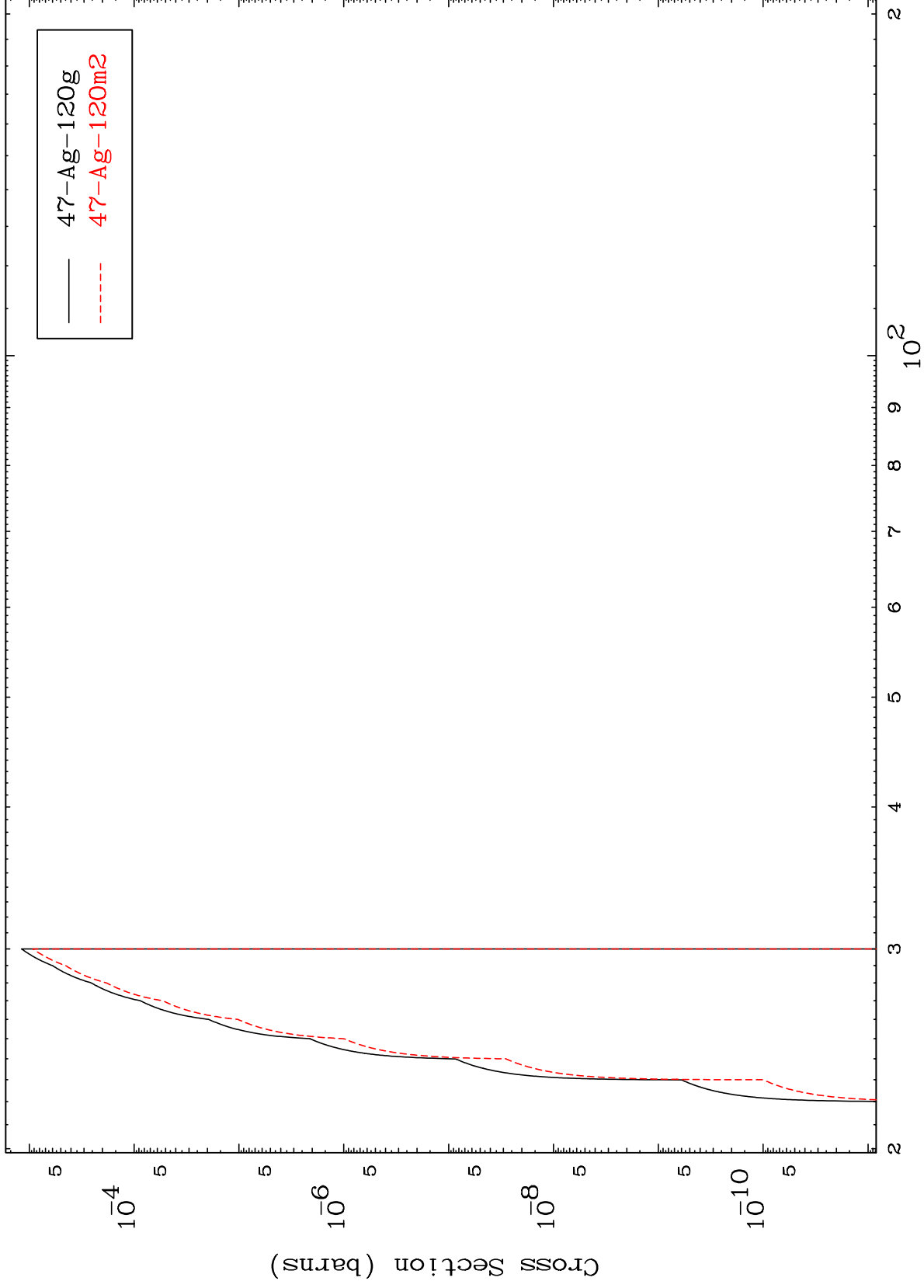
48-Cd-122

MAT 4873

(n,2n) p

48-Cd-122

Radionuclide Production Cross Section



113

Incident Energy (MeV)

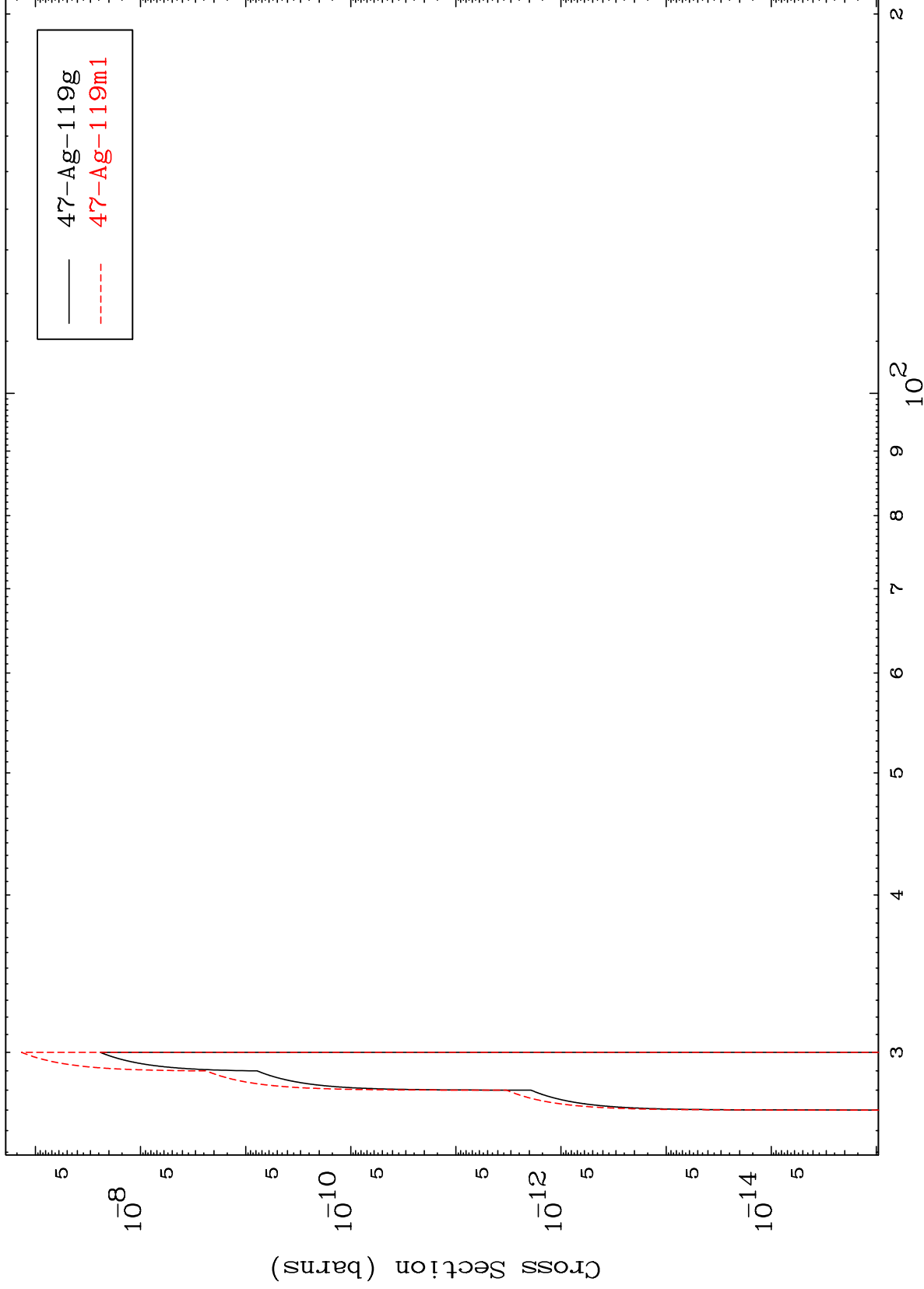
48-Cd-122

MAT 4873

(n,3n) p

48-Cd-122

Radionuclide Production Cross Section



114

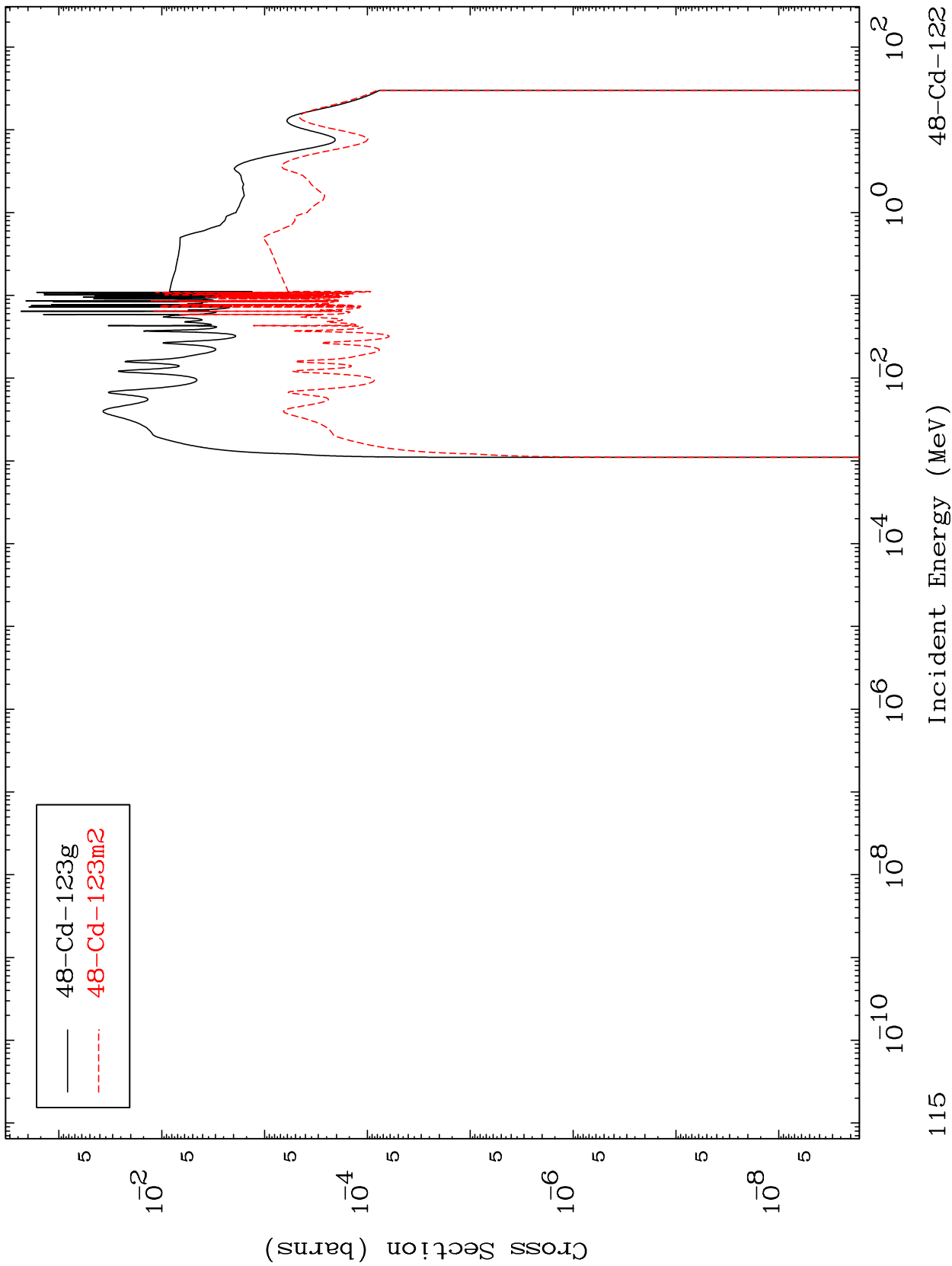
Incident Energy (MeV)

48-Cd-122

MAT 4873

48-Cd-122

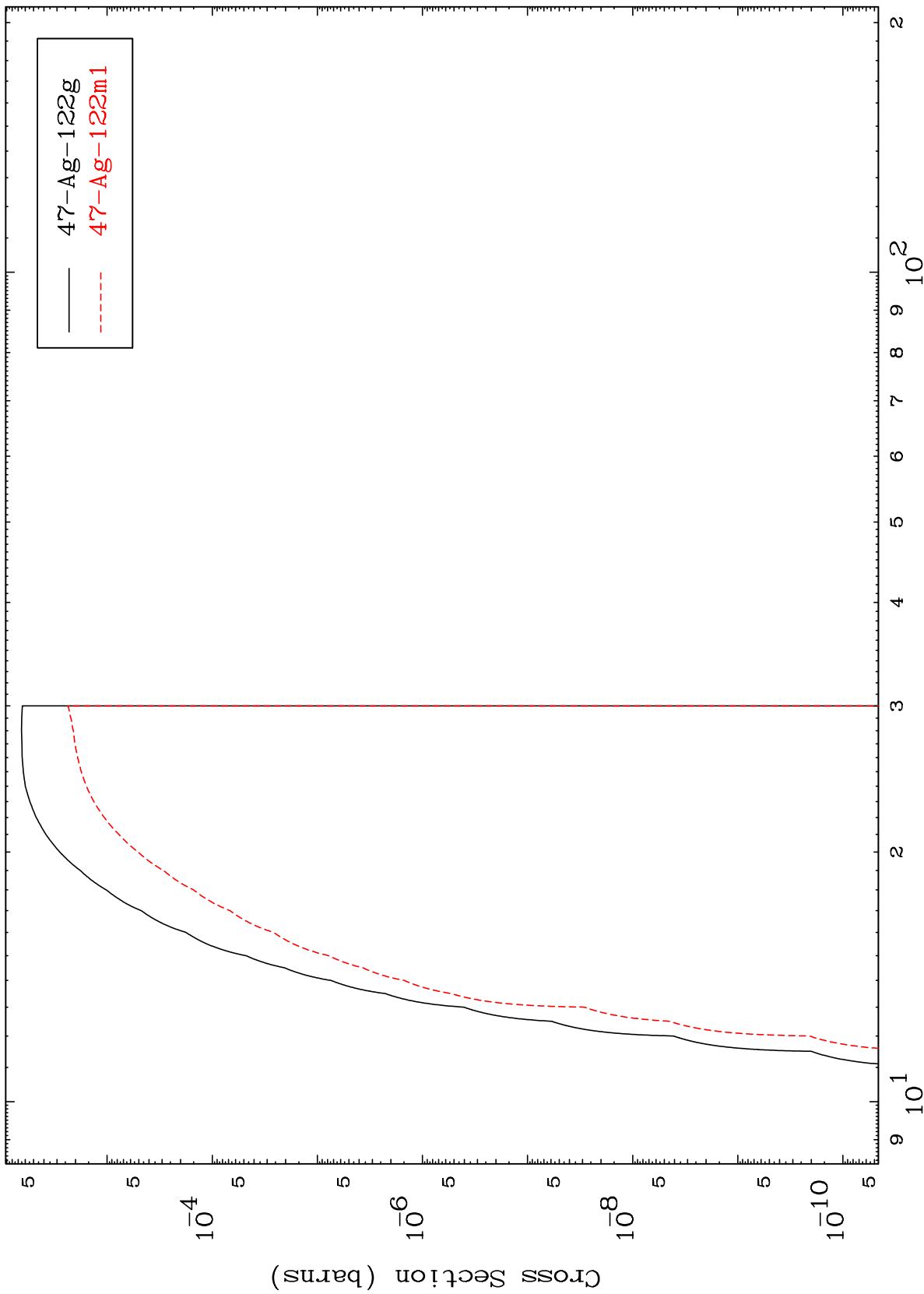
(n,γ)
Radionuclide Production Cross Section



MAT 4873

48-Cd-122

(n,p)
Radionuclide Production Cross Section



116

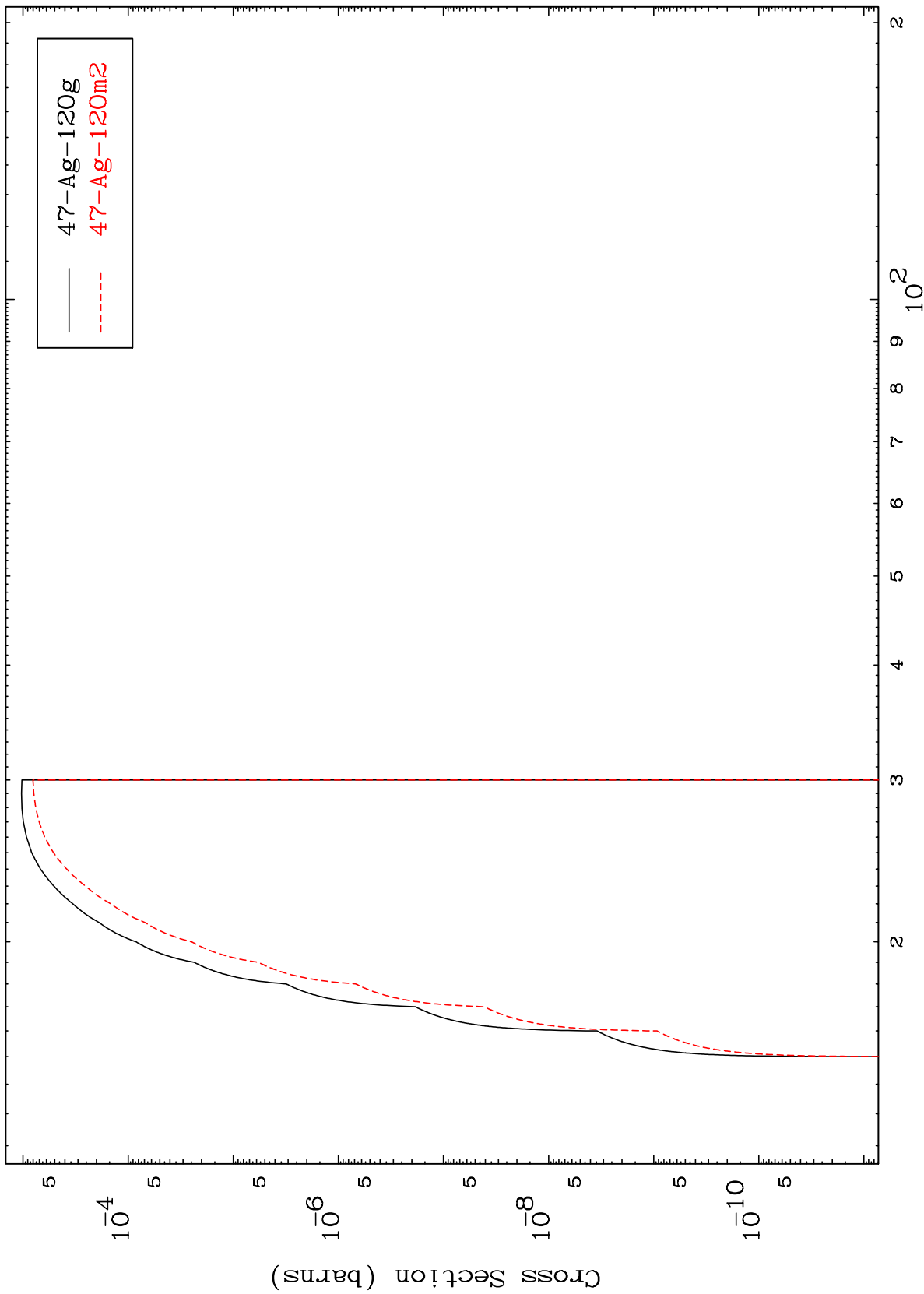
Incident Energy (MeV)

48-Cd-122

MAT 4873

48-Cd-122

(n,t)
Radionuclide Production Cross Section



117

Incident Energy (MeV)

48-Cd-122