

Program EVALPLOT
(Version 2021-1)

by

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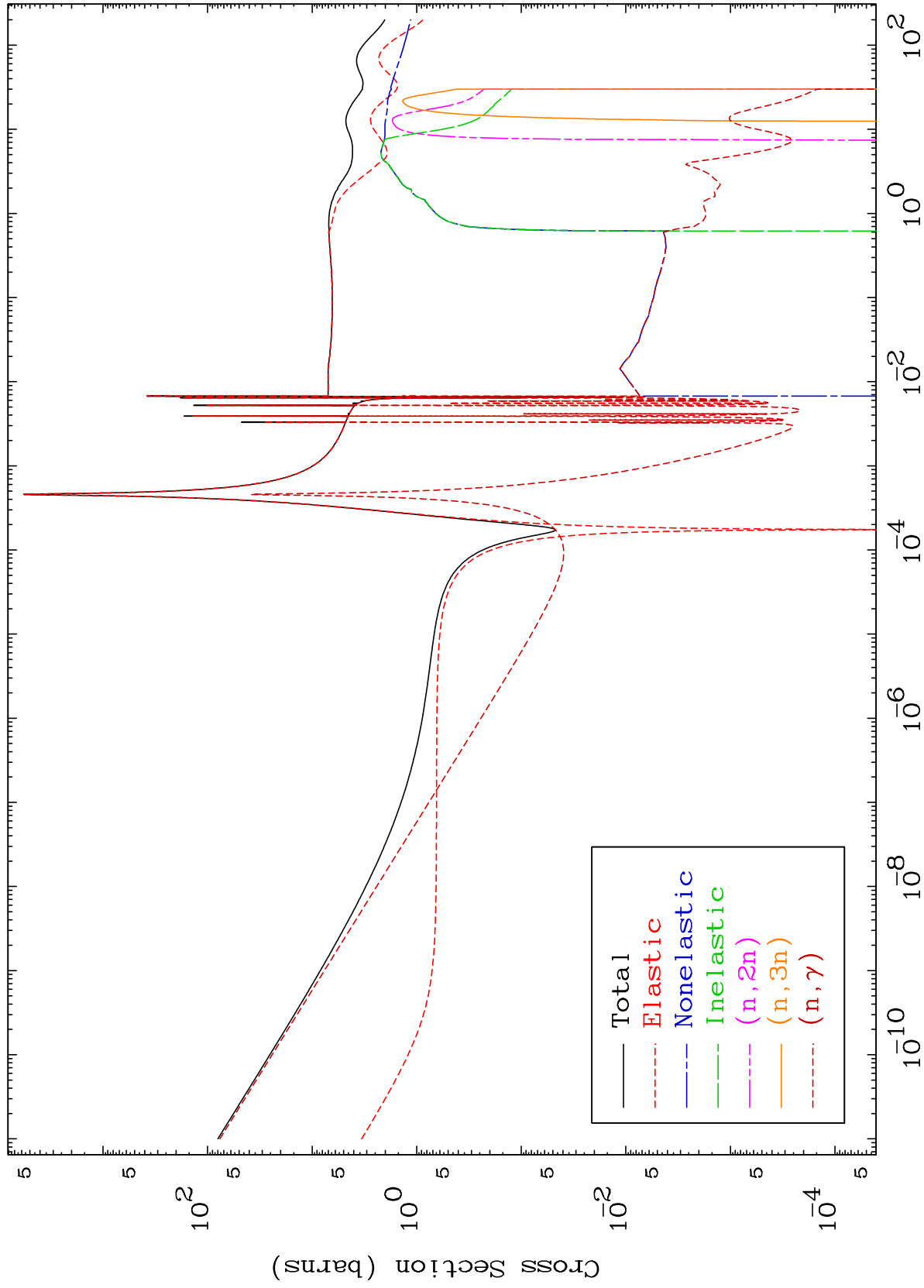
Press Mouse Button to Start

MAT 4879

Neutron Major

293 Kelvin Cross Sections

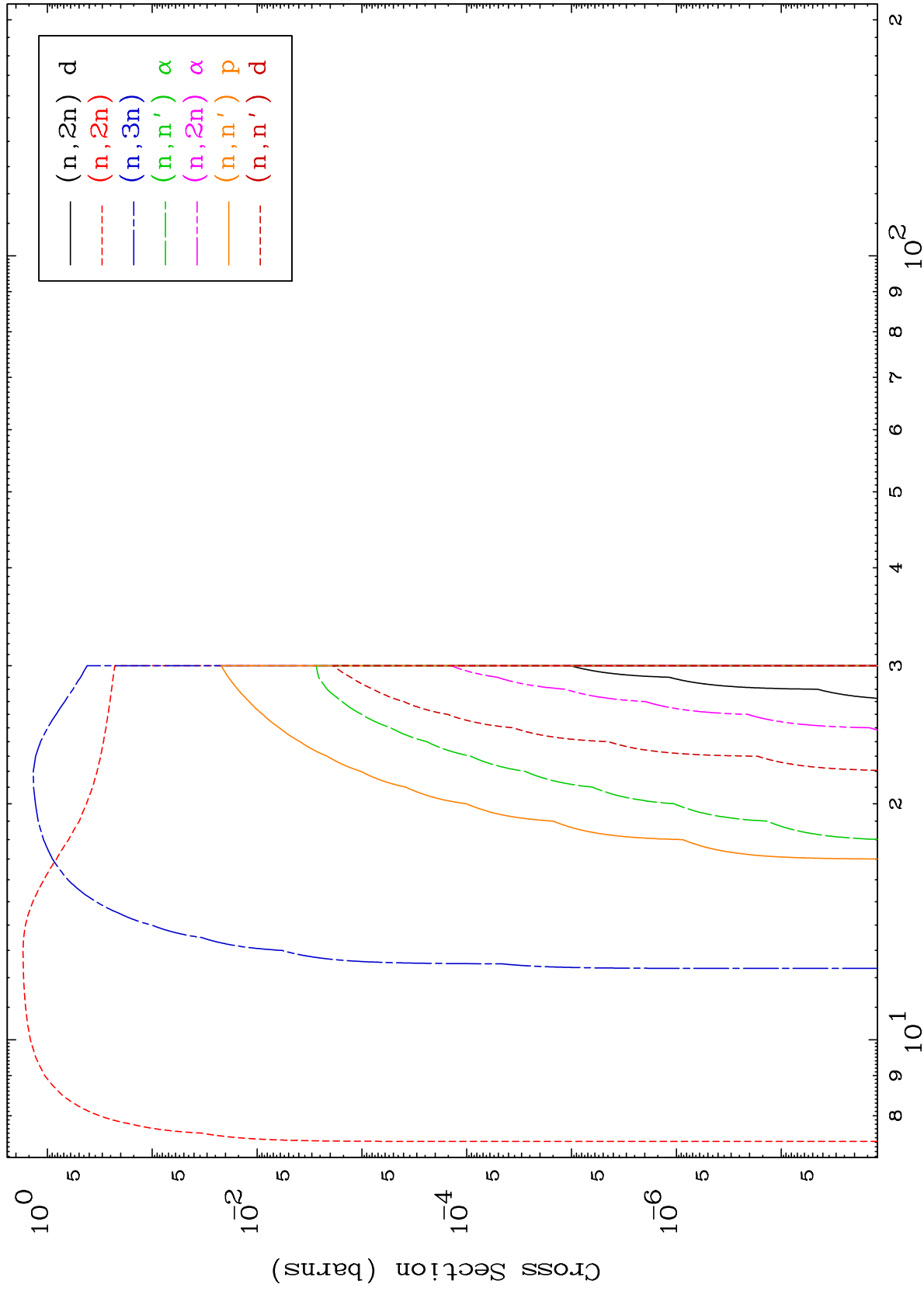
48-Cd-124



MAT 4879

Neutron Absorption
293 Kelvin Cross Sections

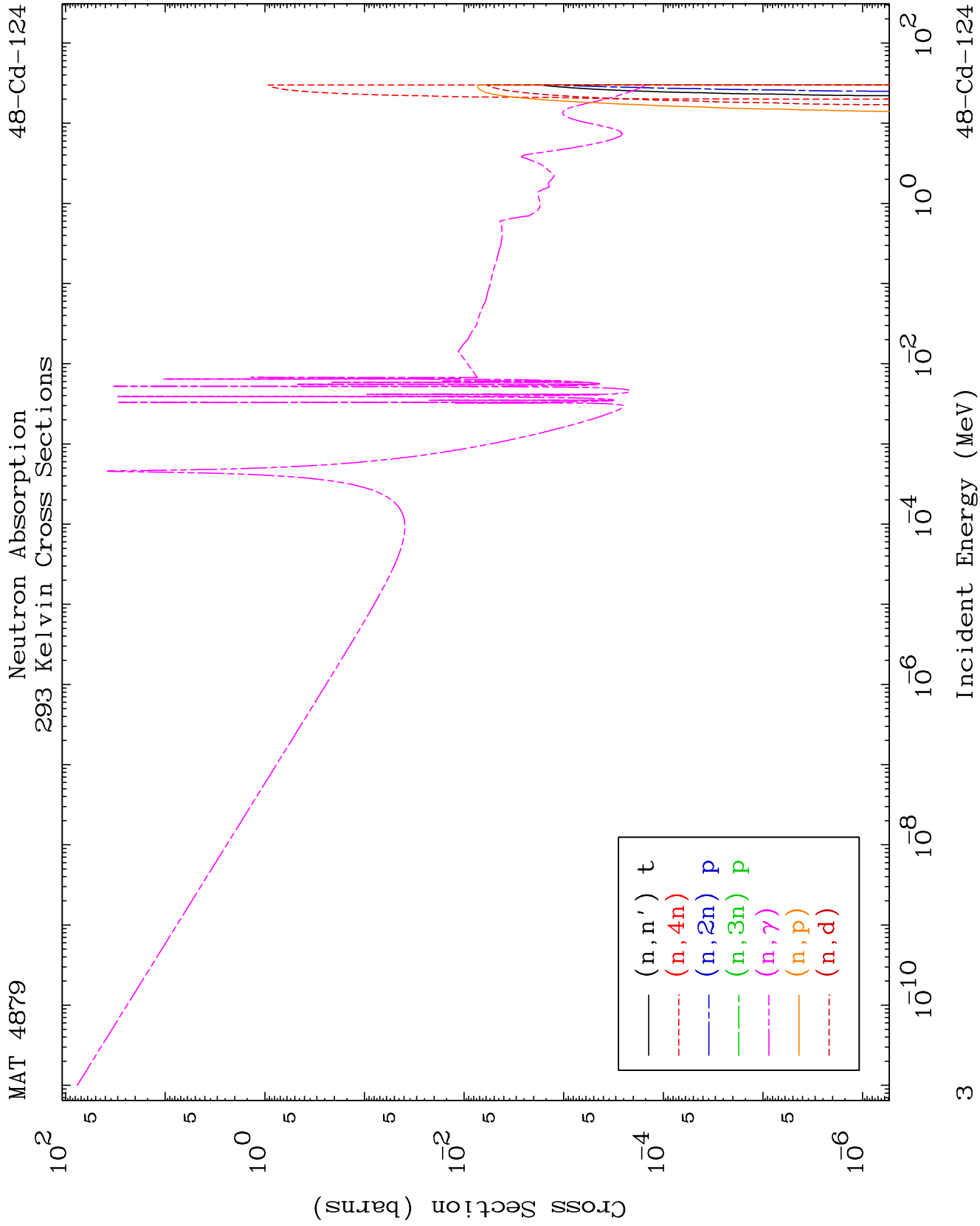
48-Cd-124



2

Incident Energy (MeV)

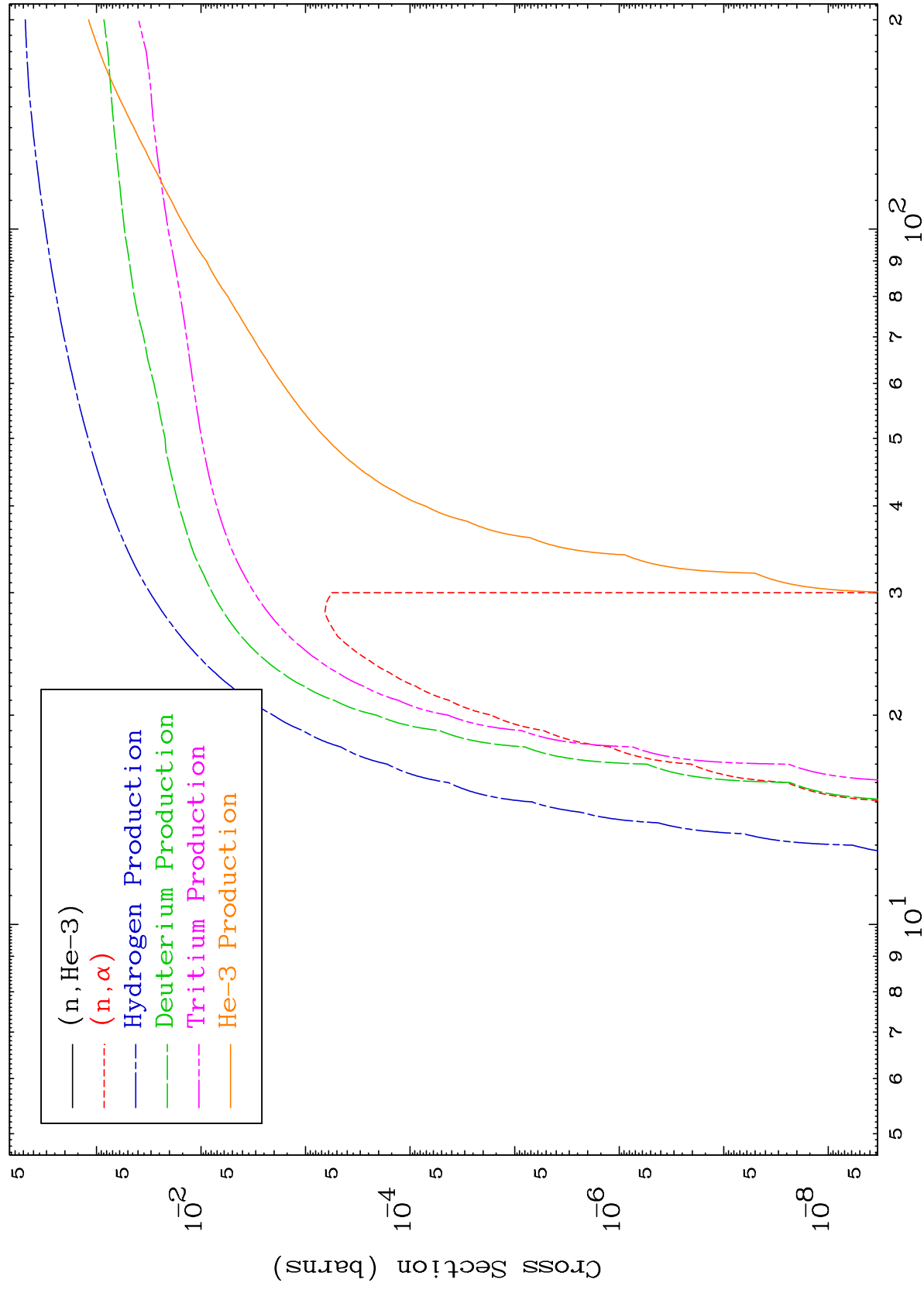
48-Cd-124



MAT 4879

Neutron Absorption 293 Kelvin Cross Sections

48-Cd-124



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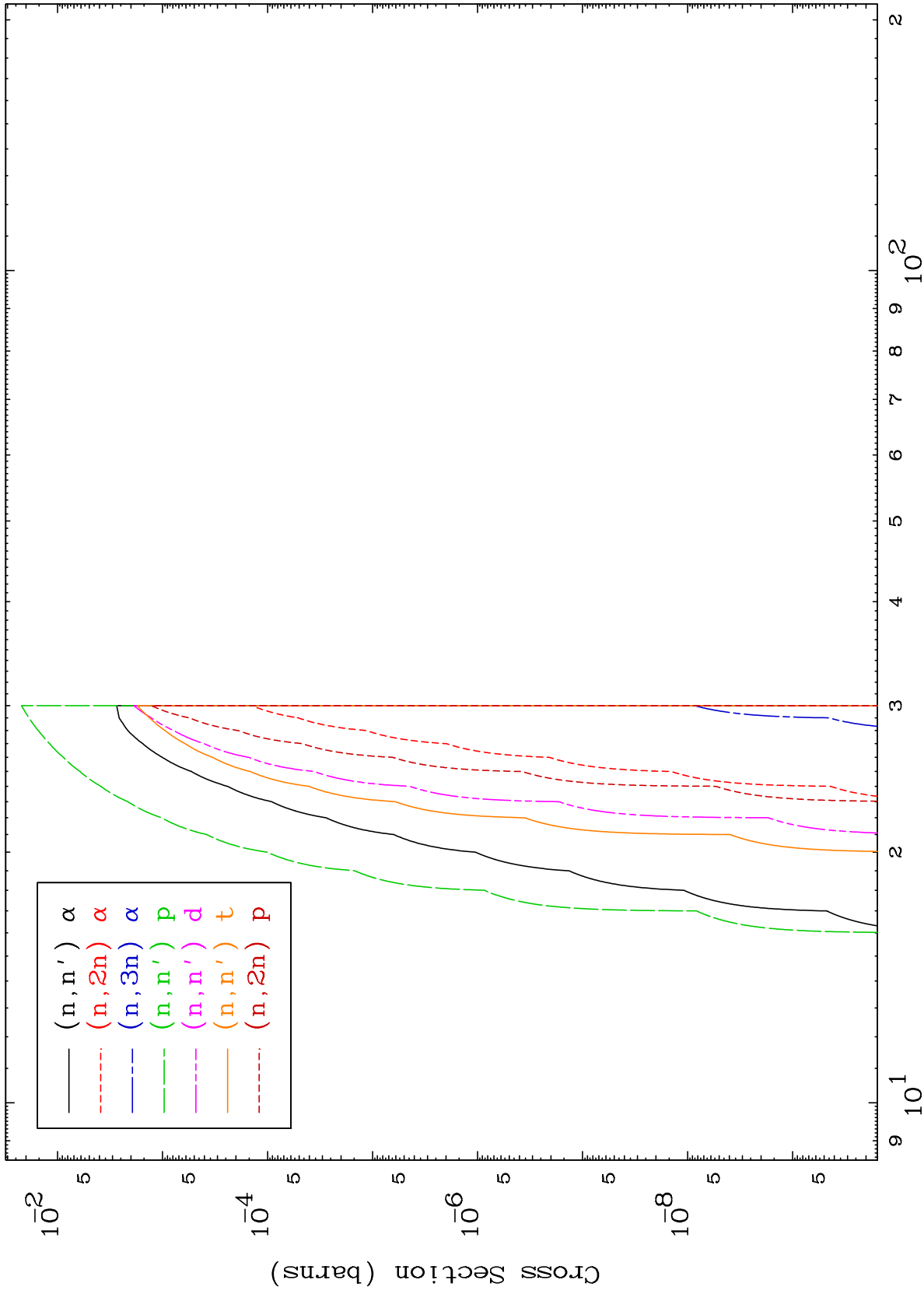
Incident Energy (MeV)

48-Cd-124

MAT 4879

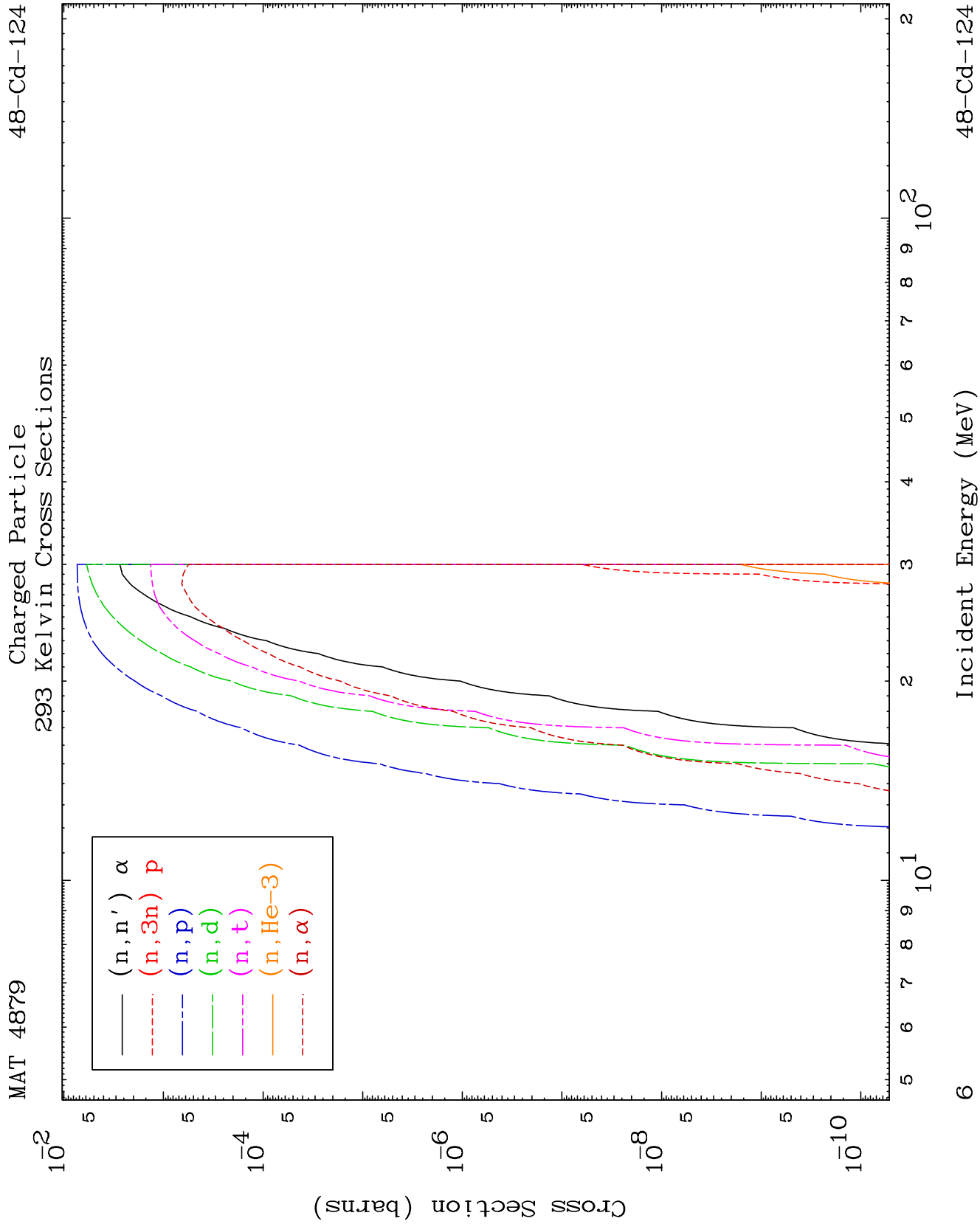
Charged Particle
293 Kelvin Cross Sections

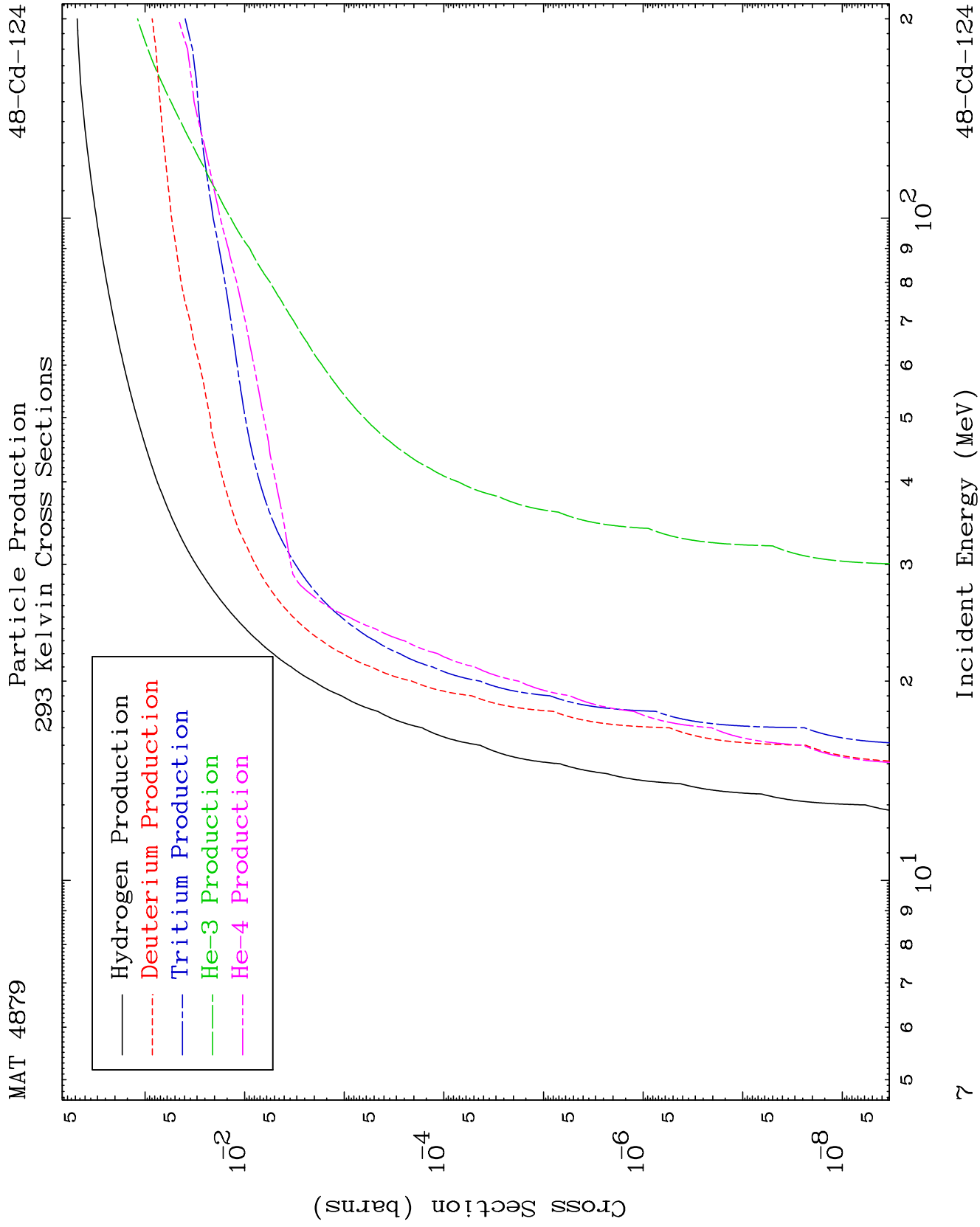
48-Cd-124

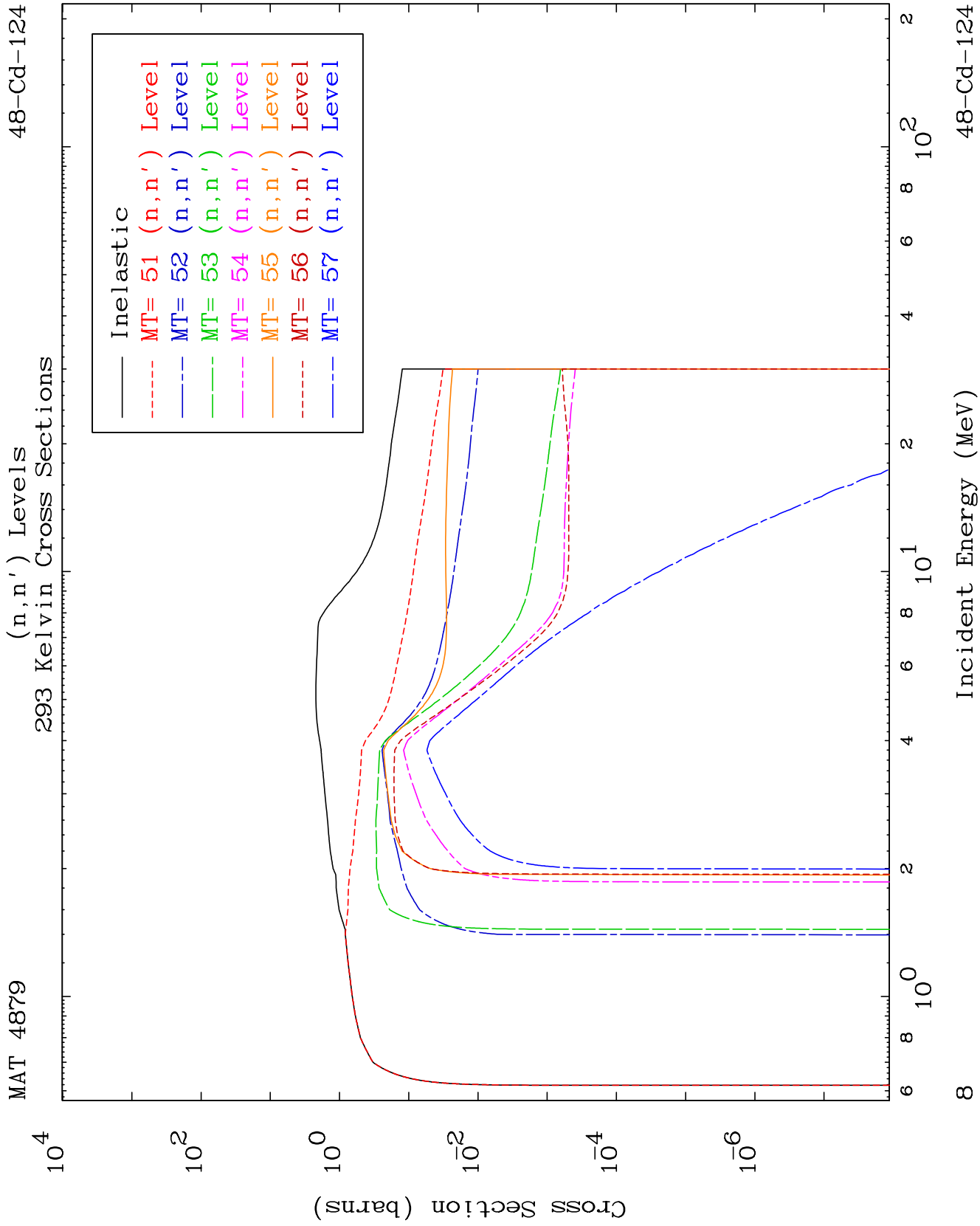


Incident Energy (MeV)

48-Cd-124





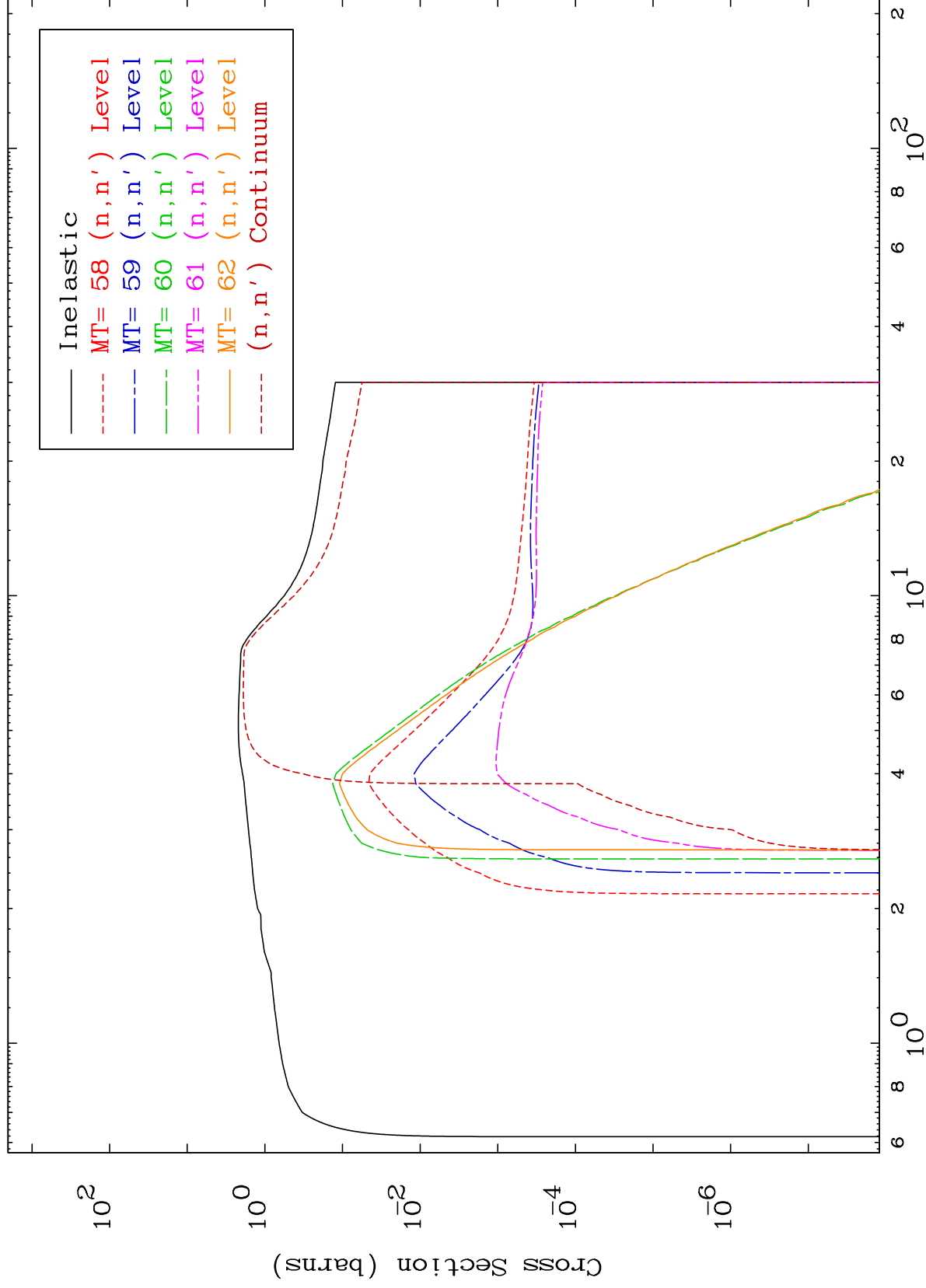


MAT 4879

(n,n') Levels

48-Cd-124

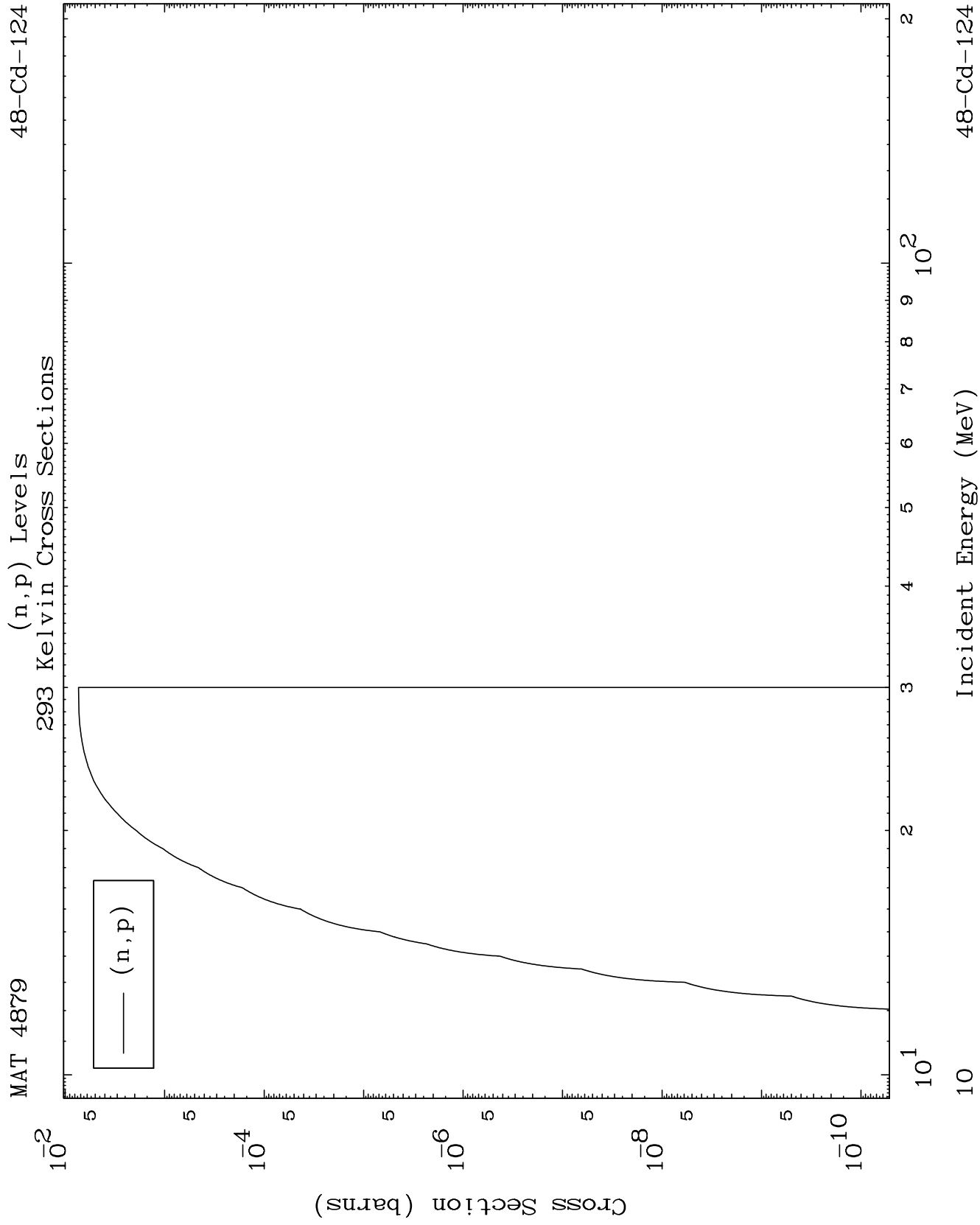
293 Kelvin Cross Sections



9

Incident Energy (MeV)

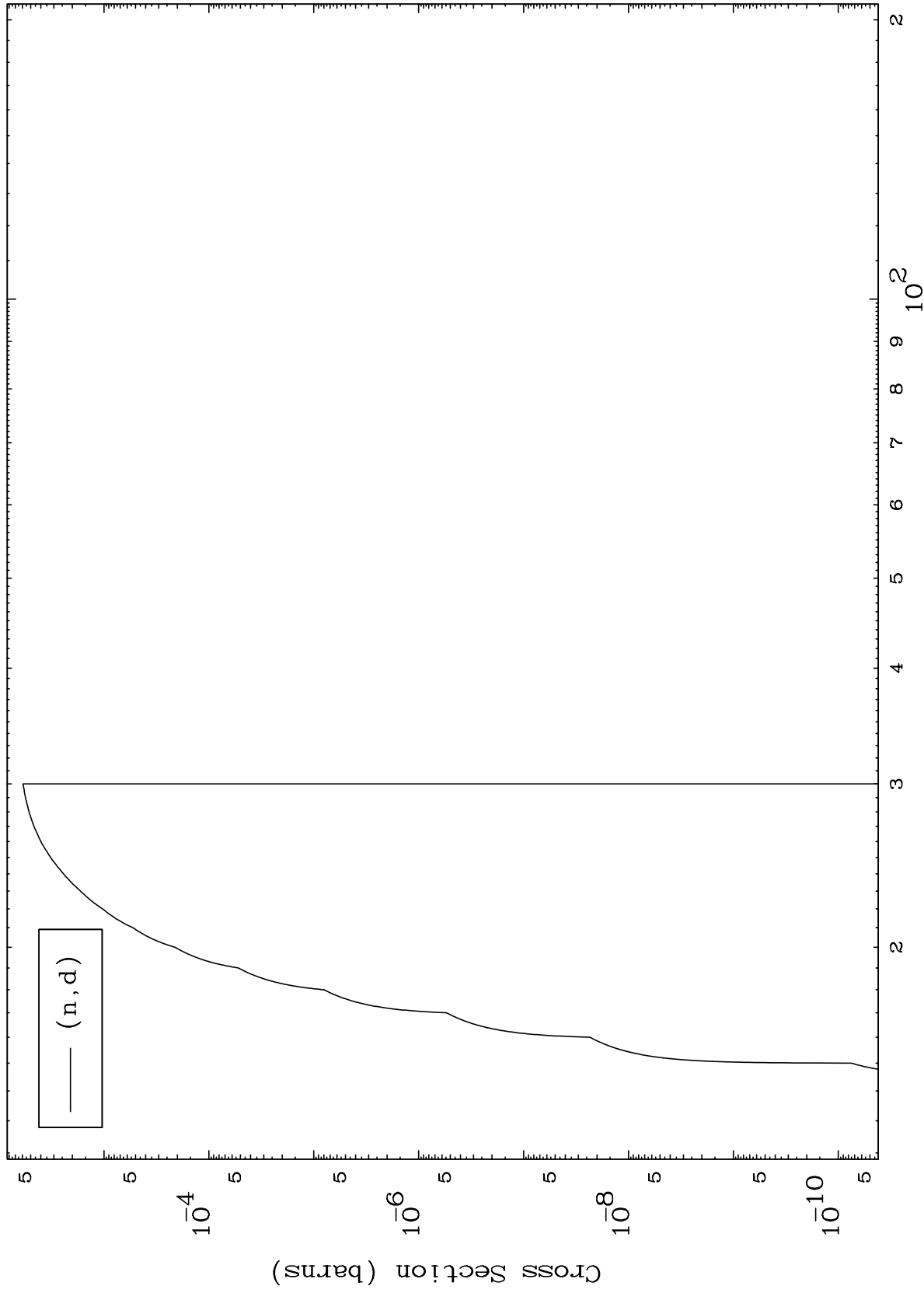
48-Cd-124



MAT 4879

48-Cd-124

(n,d) Levels
293 Kelvin Cross Sections



11

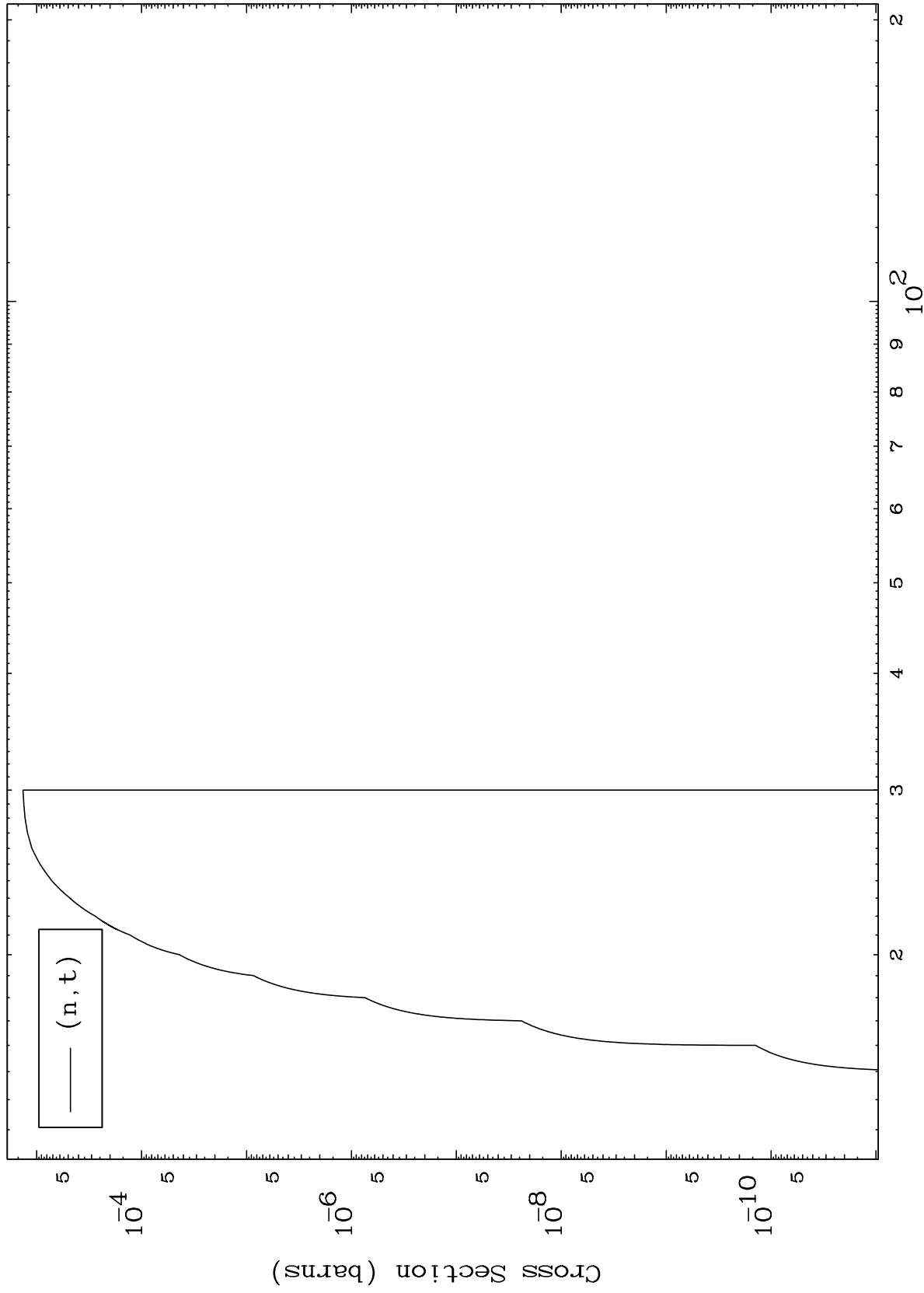
Incident Energy (MeV)

48-Cd-124

MAT 4879

48-Cd-124

(n,t) Levels
293 Kelvin Cross Sections



12

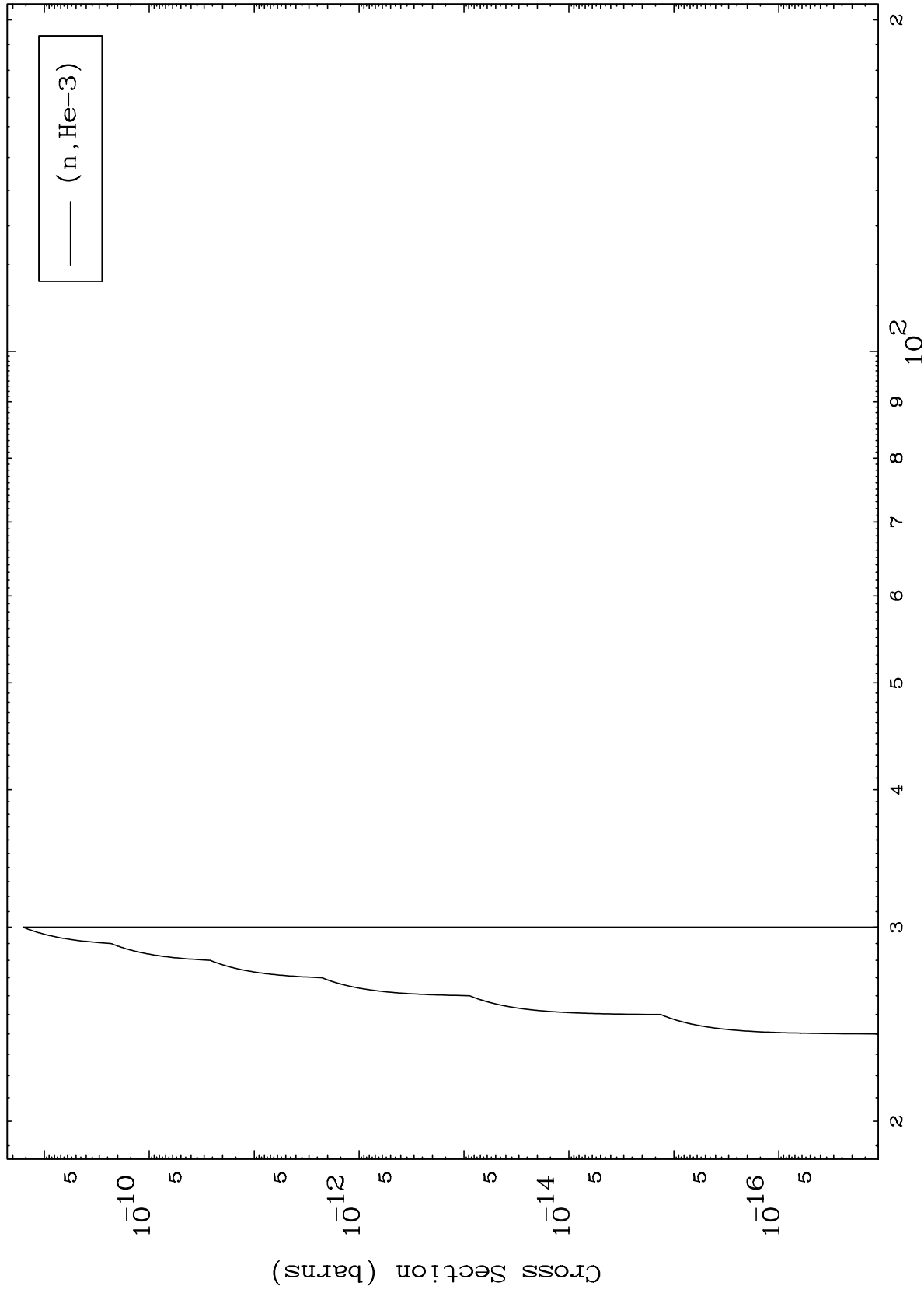
Incident Energy (MeV)

48-Cd-124

MAT 4879

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-124



13

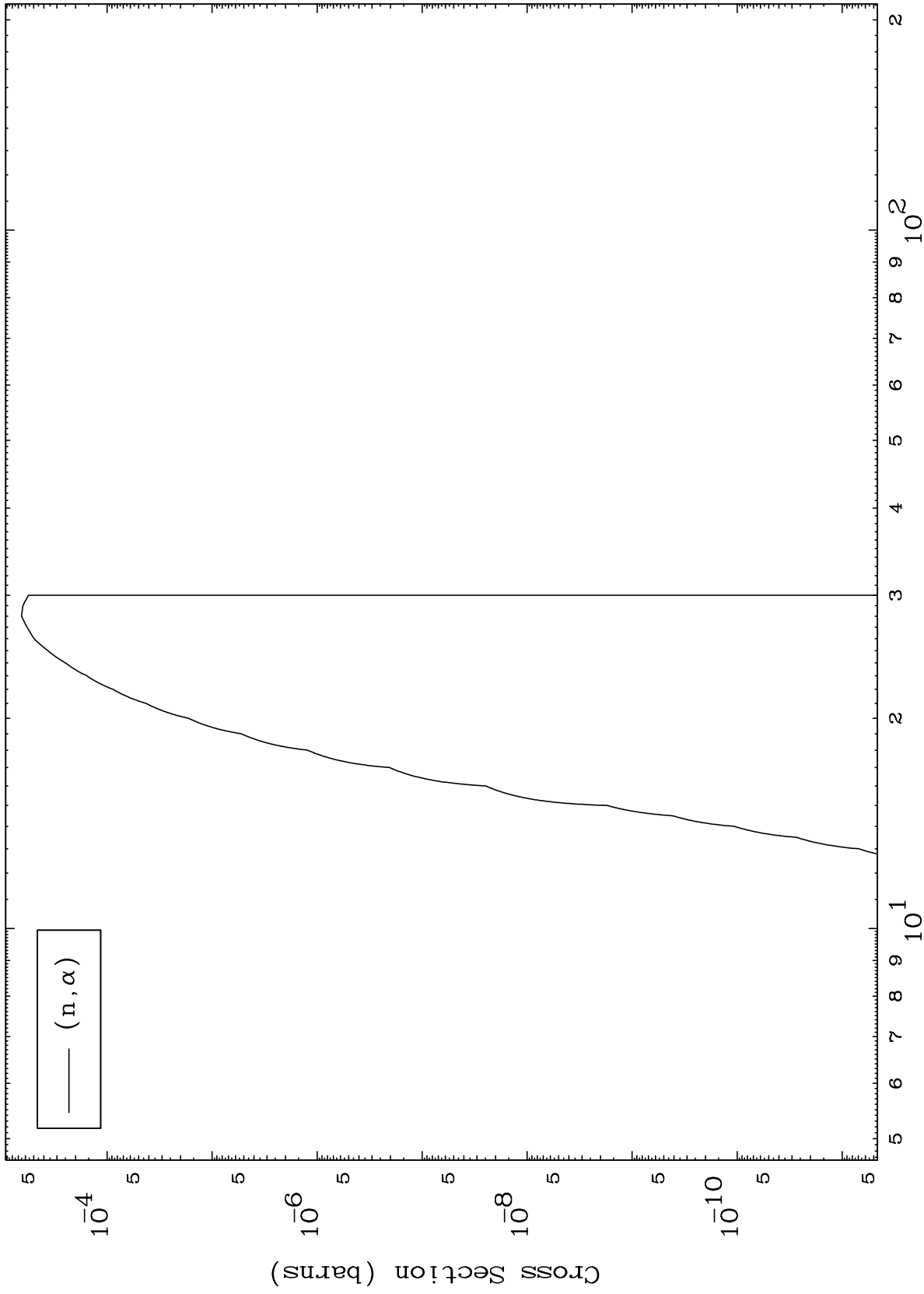
Incident Energy (MeV)

48-Cd-124

MAT 4879

48-Cd-124

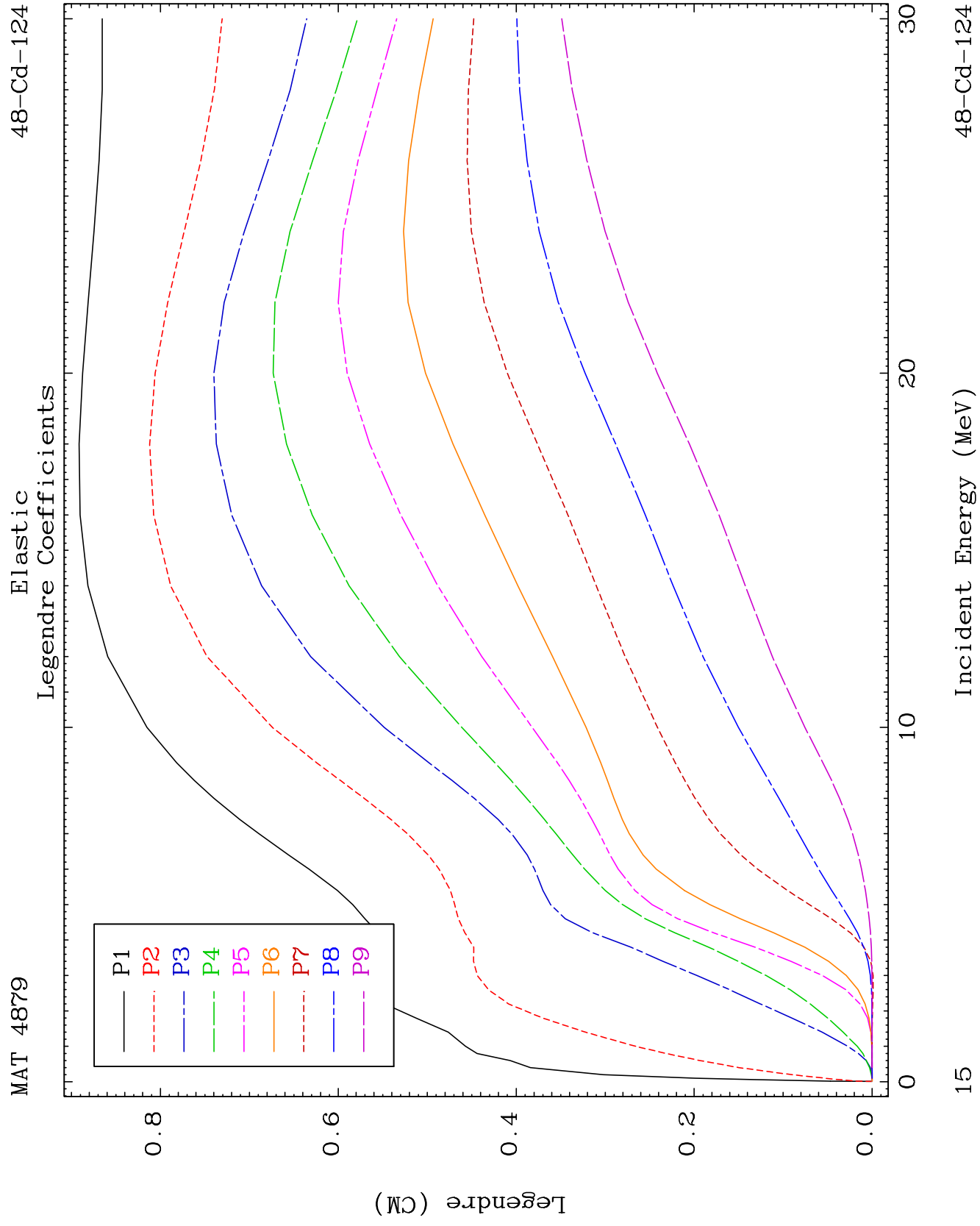
(n, α) Levels
293 Kelvin Cross Sections

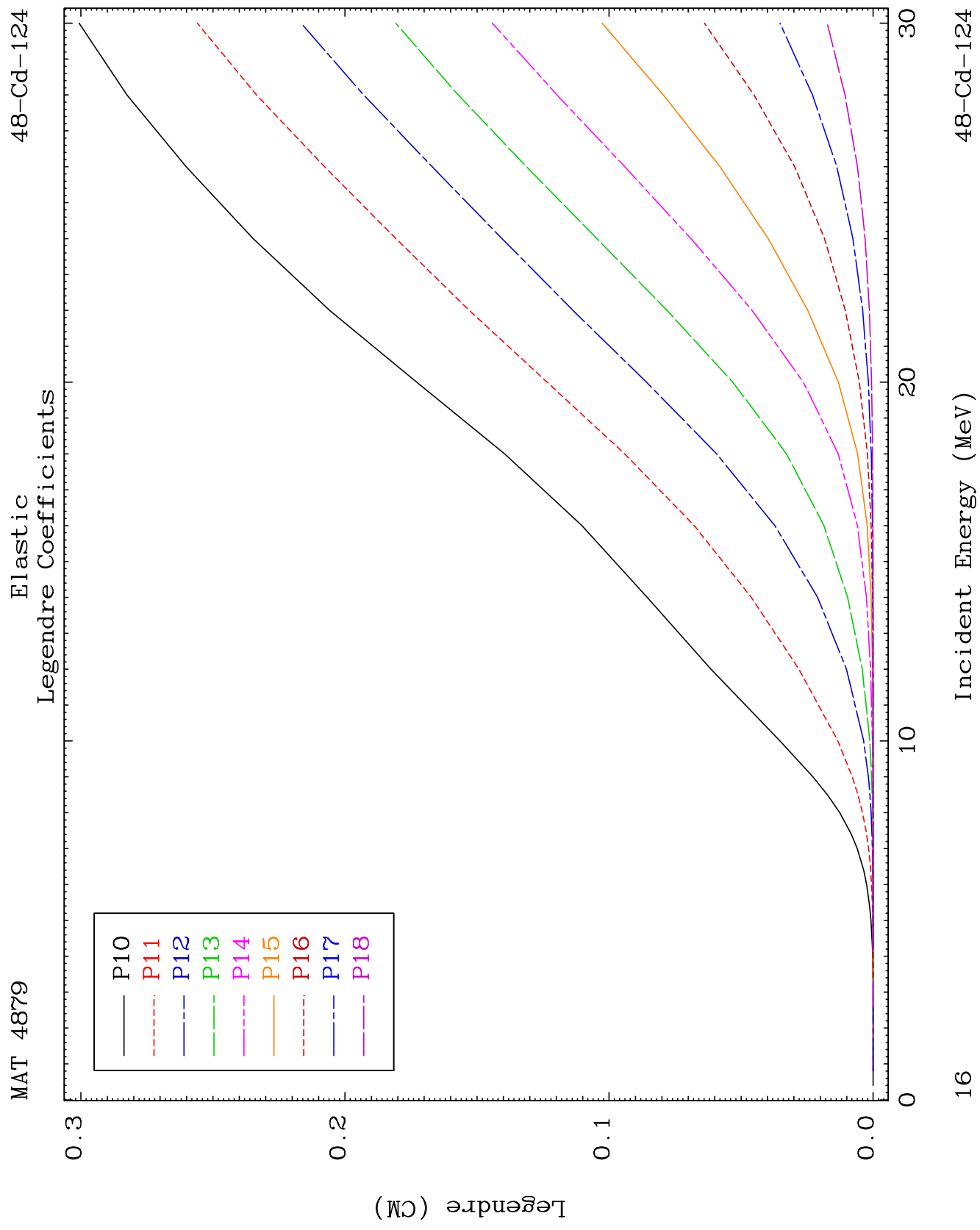


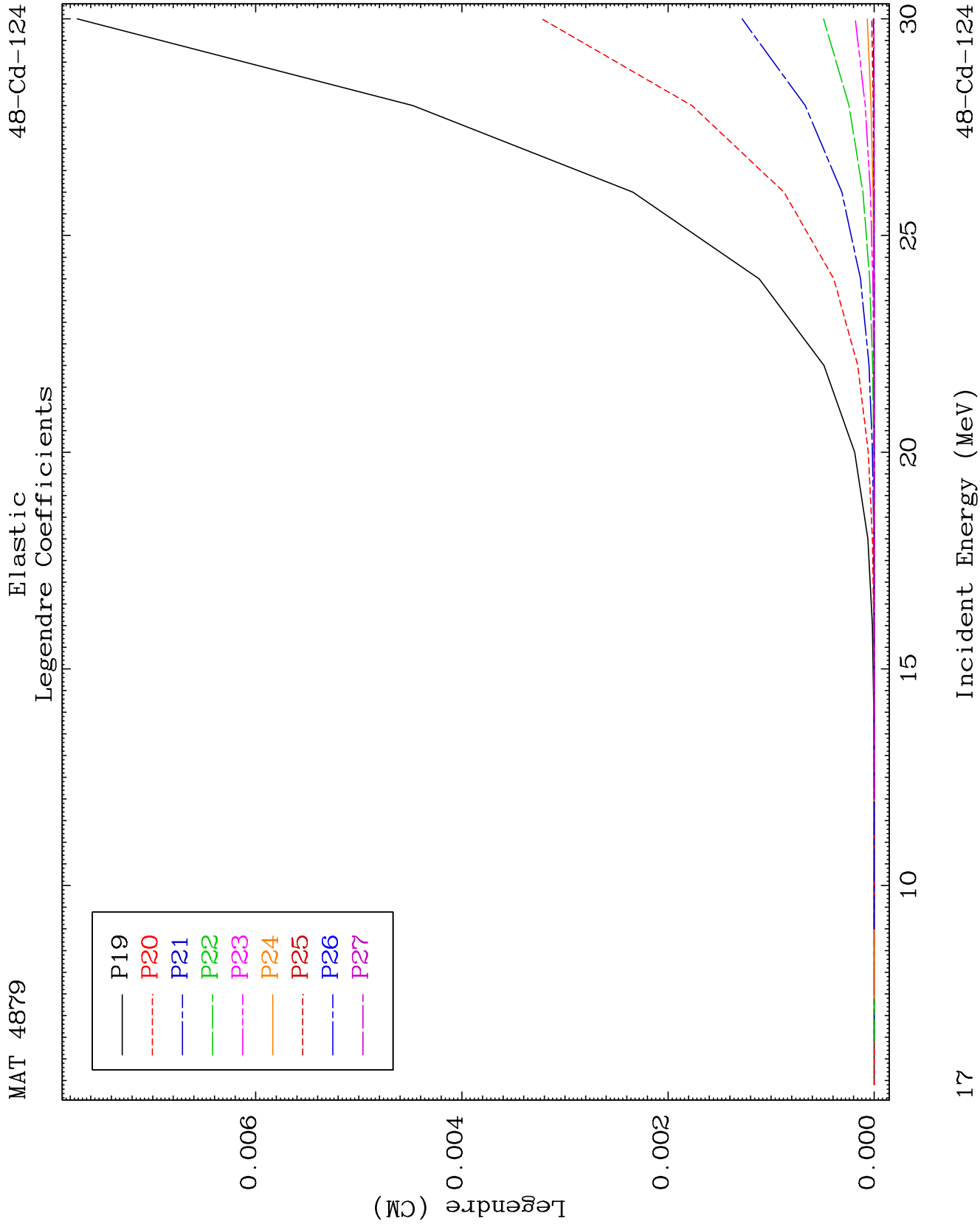
14

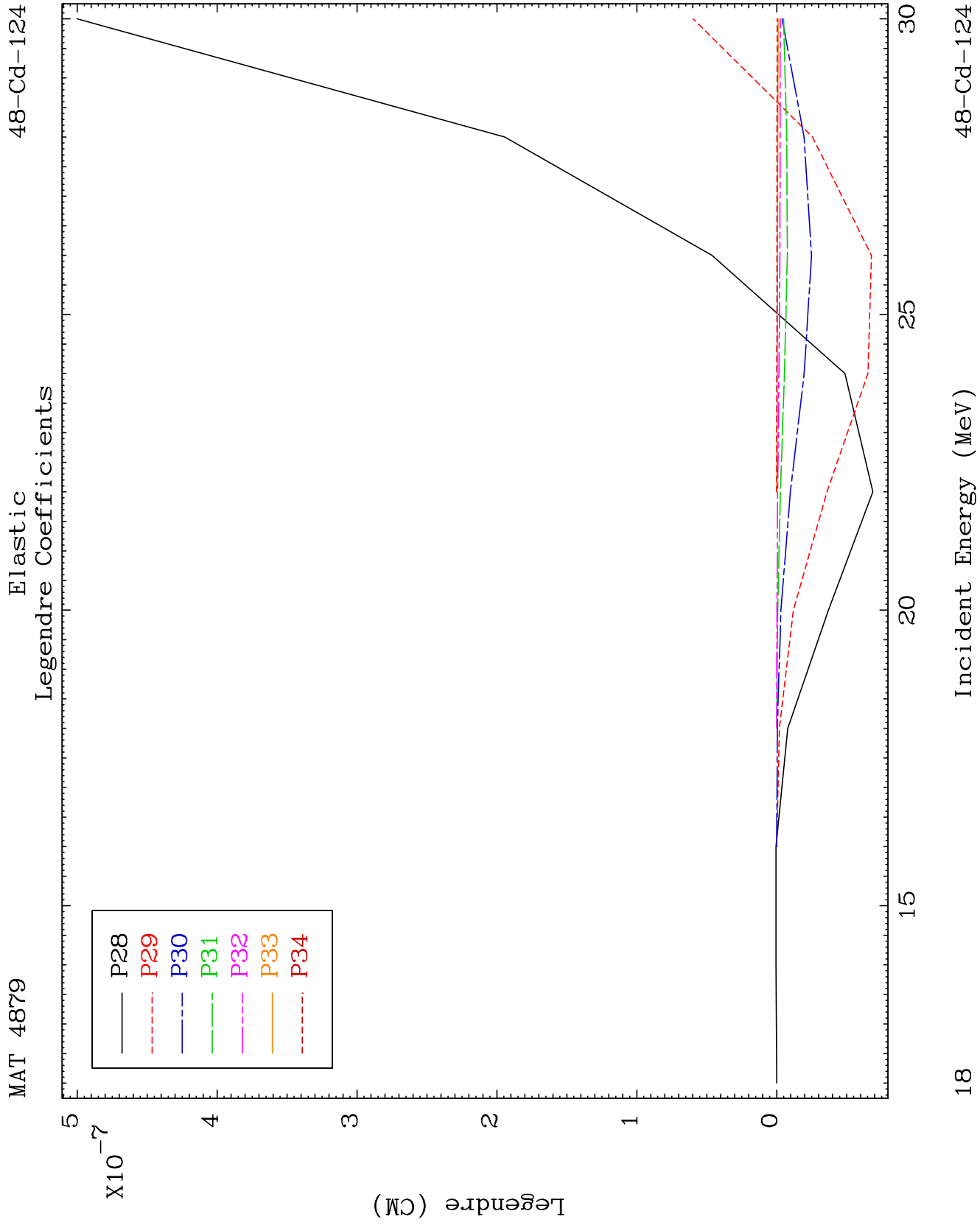
Incident Energy (MeV)

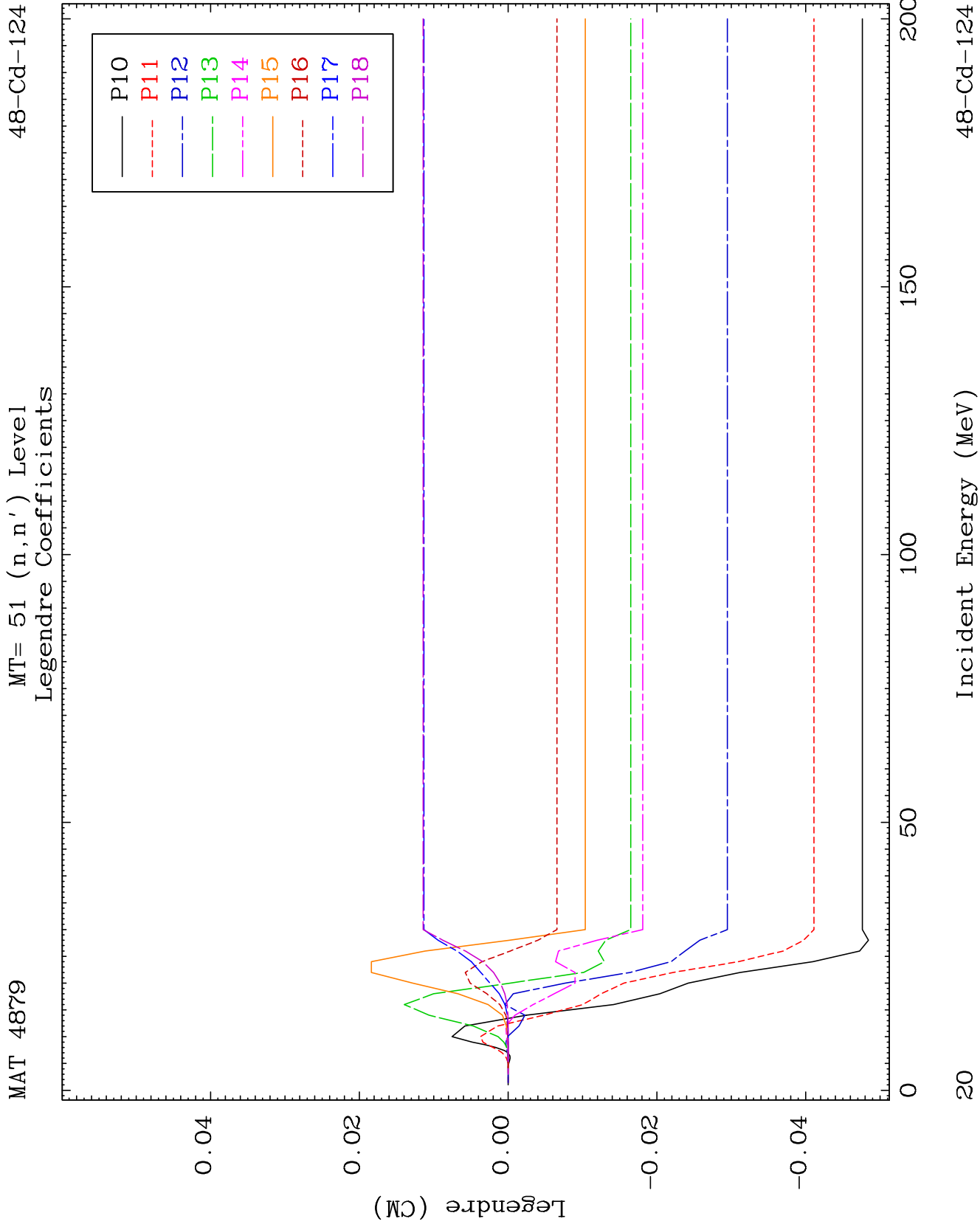
48-Cd-124







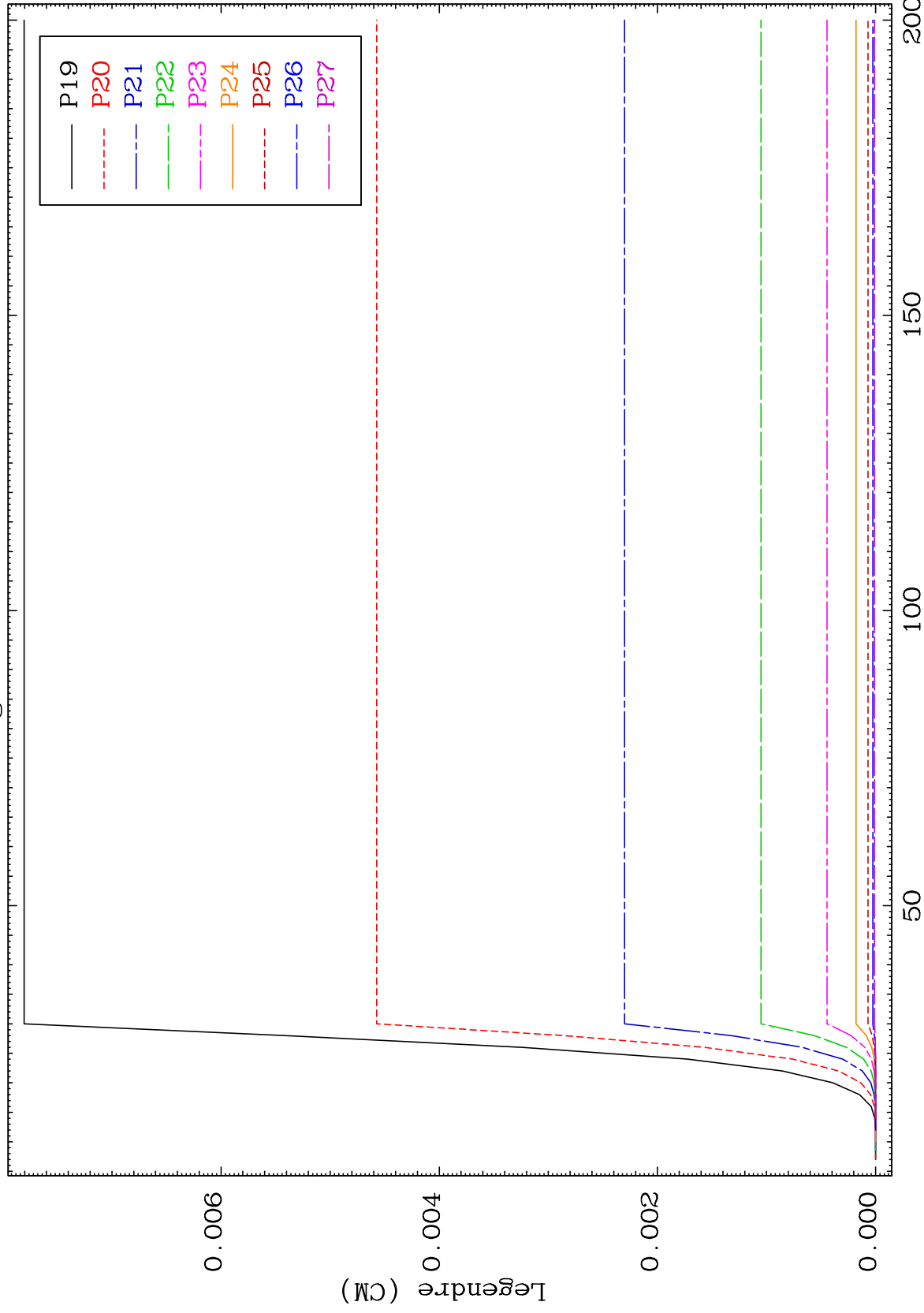




MAT 4879

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

48-Cd-124



21

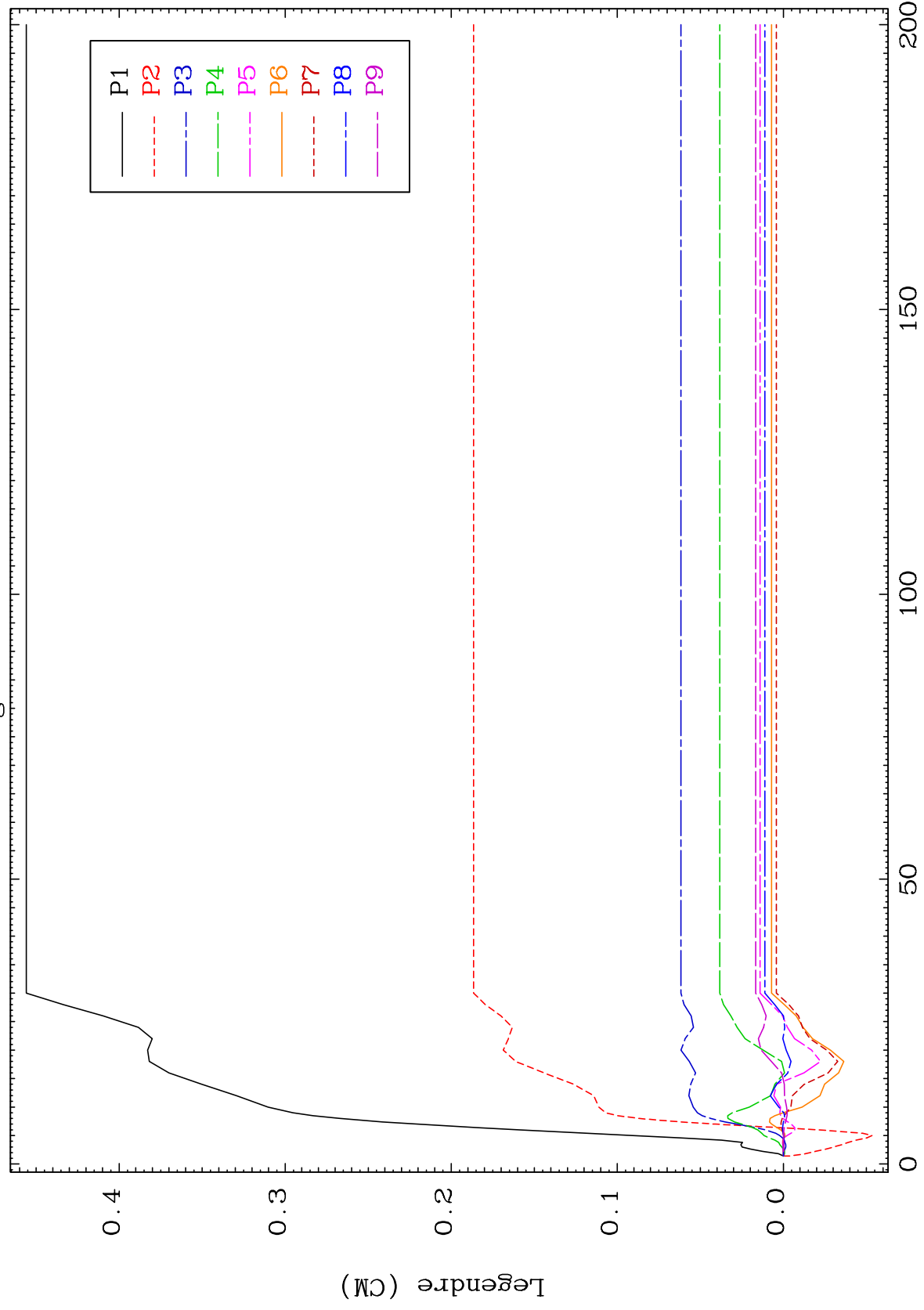
Incident Energy (MeV)

48-Cd-124

MAT 4879

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

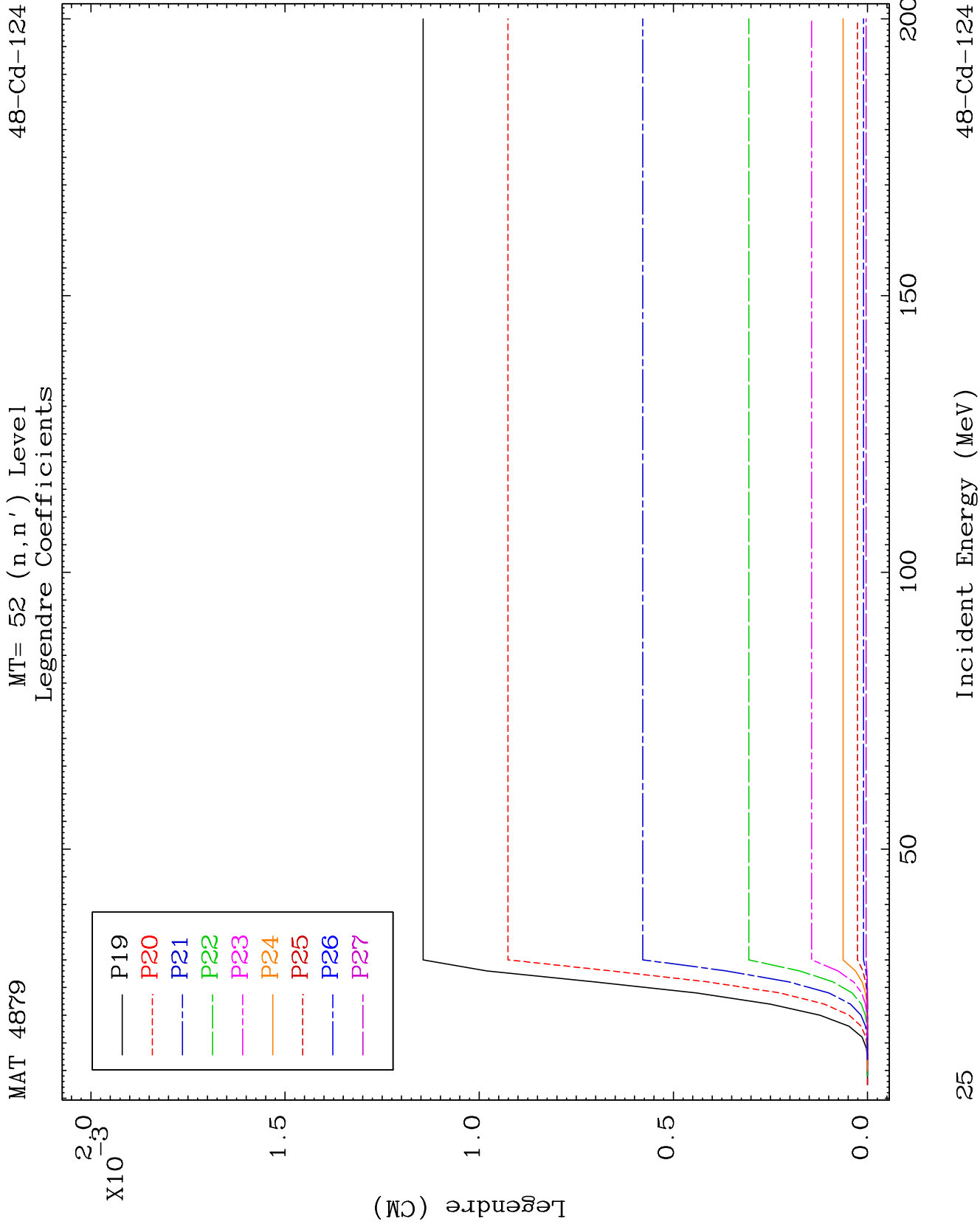
48-Cd-124



32

Incident Energy (MeV)

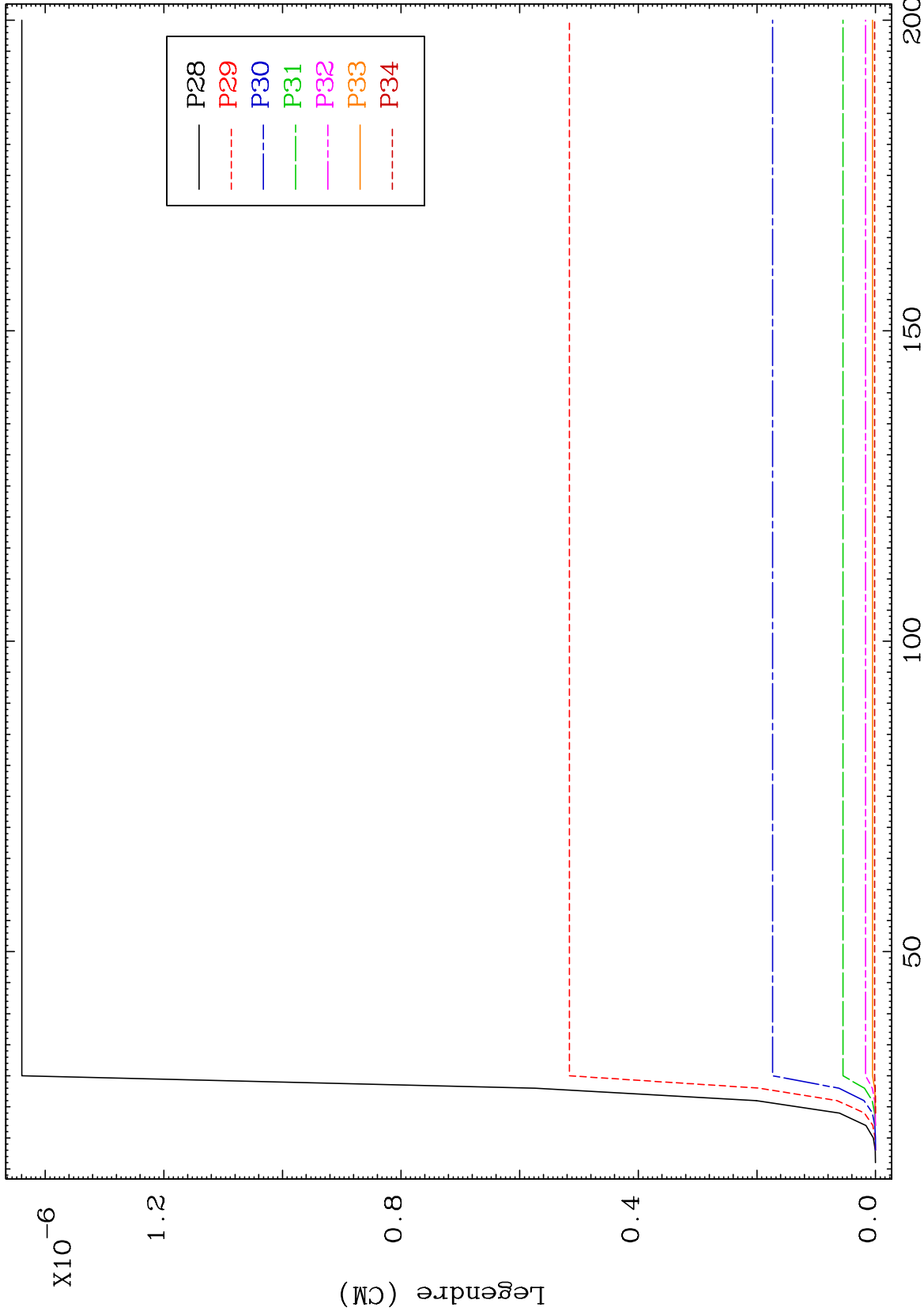
48-Cd-124



MAT 4879

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

48-Cd-124



26

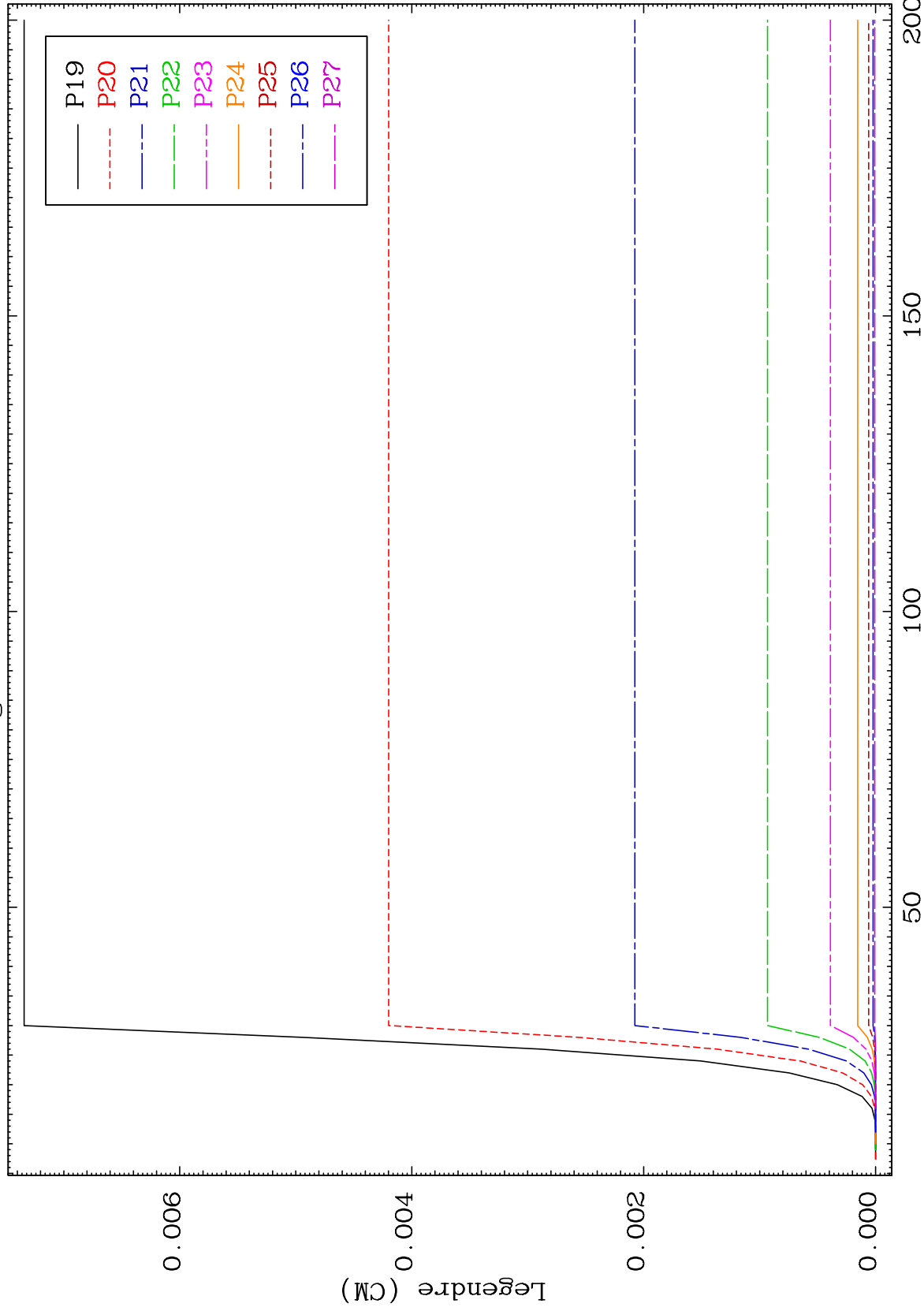
Incident Energy (MeV)

48-Cd-124

MAT 4879

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

48-Cd-124



29

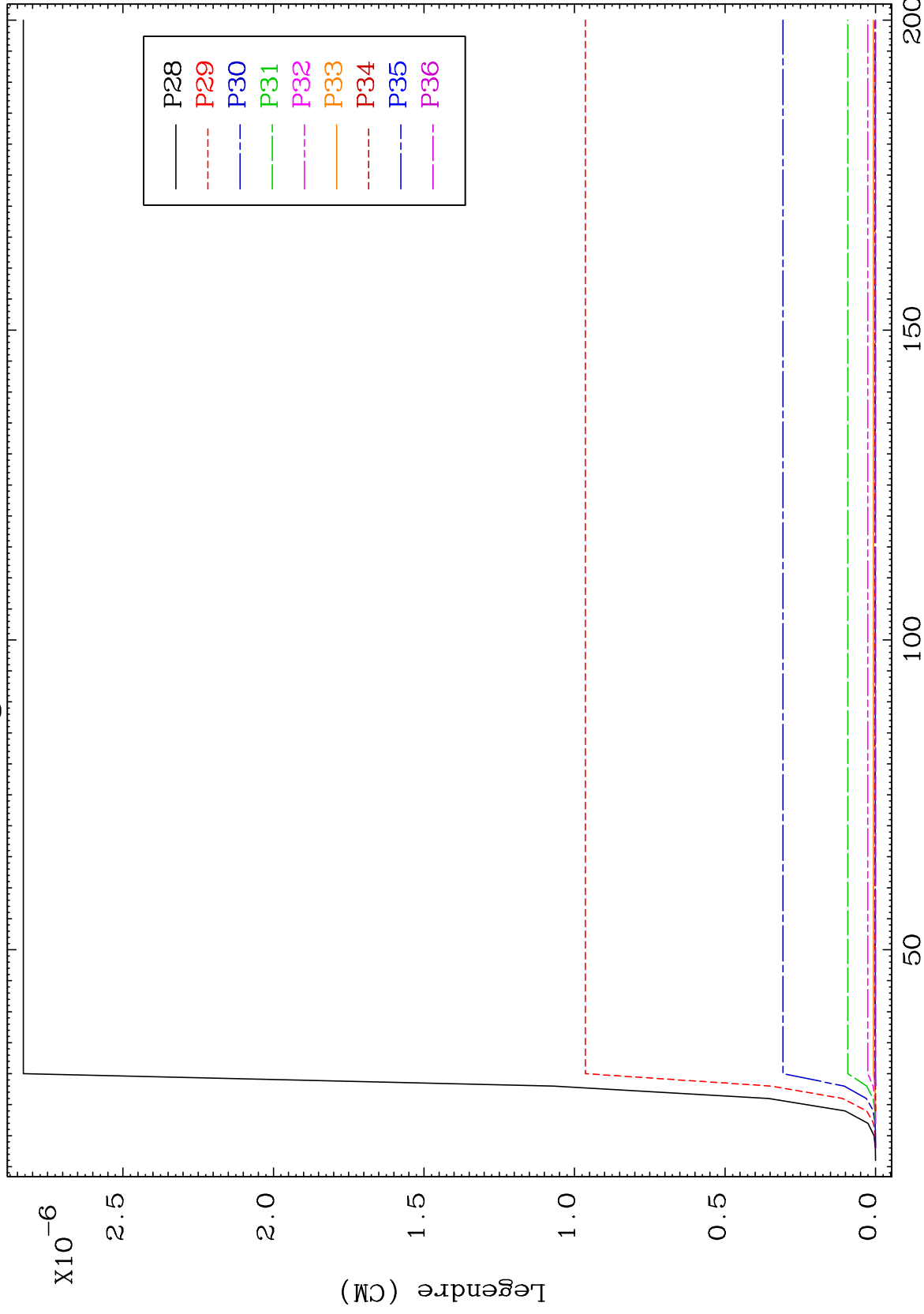
Incident Energy (MeV)

48-Cd-124

MAT 4879

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

48-Cd-124



30

50

100

150

200

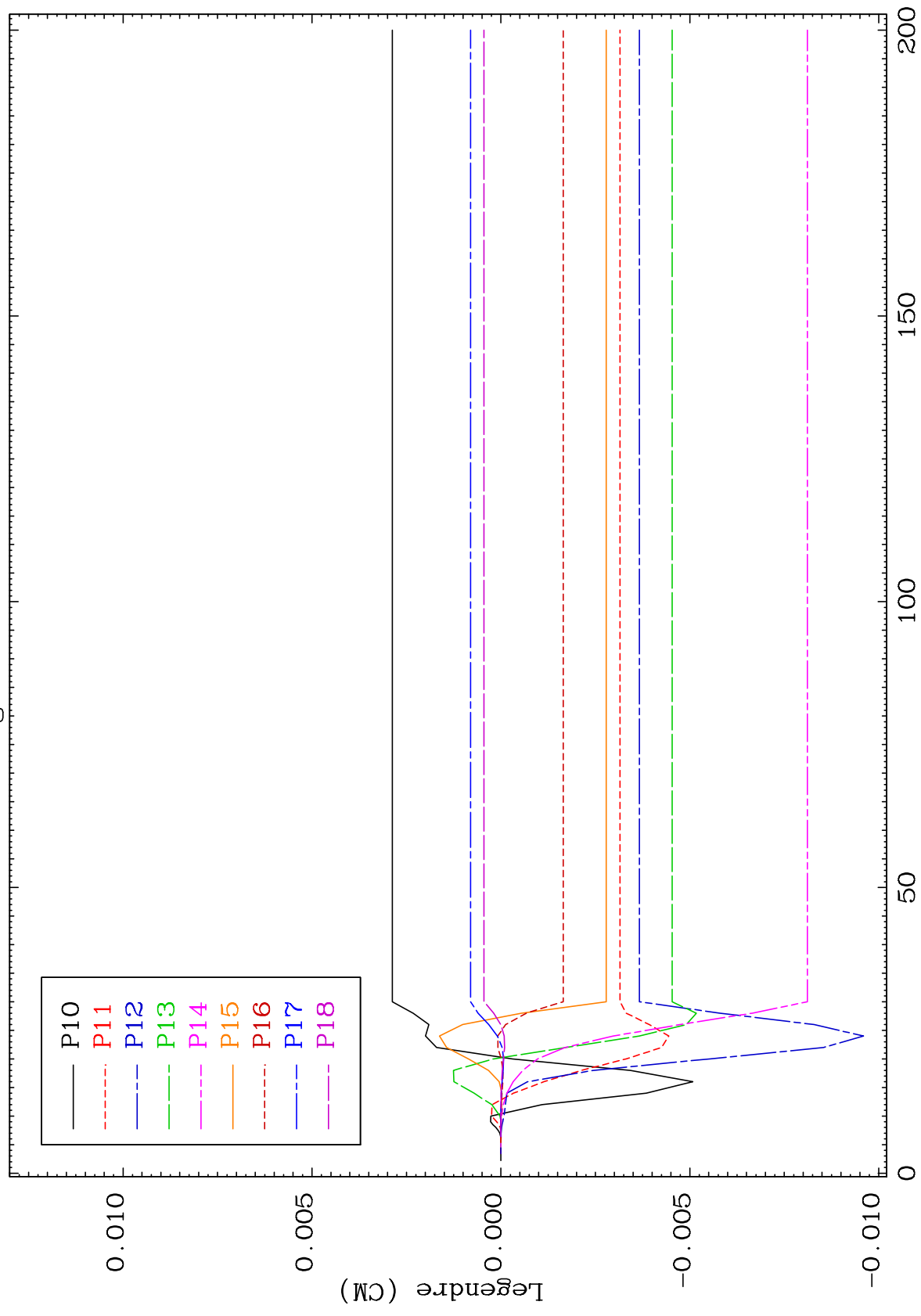
Incident Energy (MeV)

48-Cd-124

MAT 4879

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

48-Cd-124



32

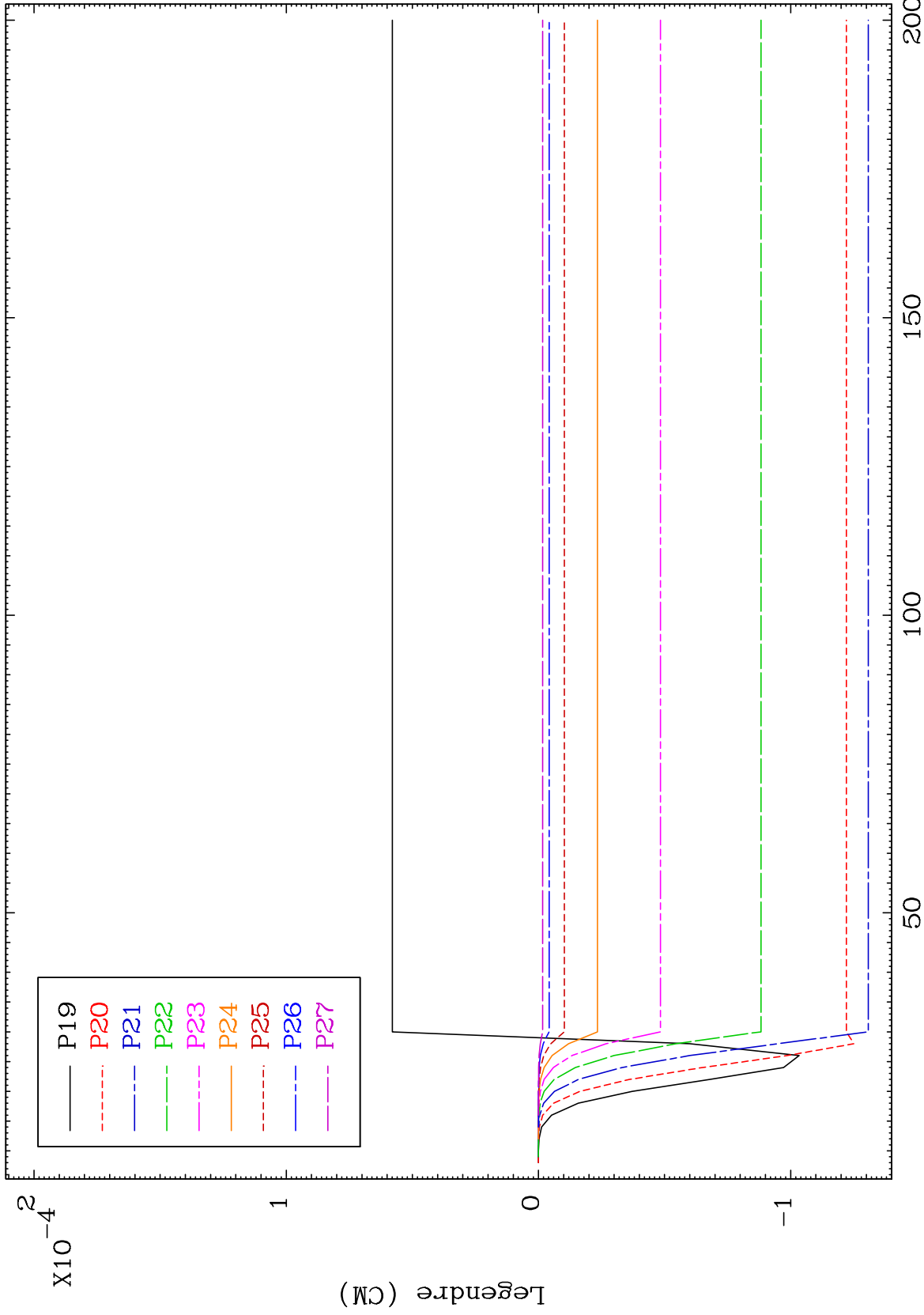
Incident Energy (MeV)

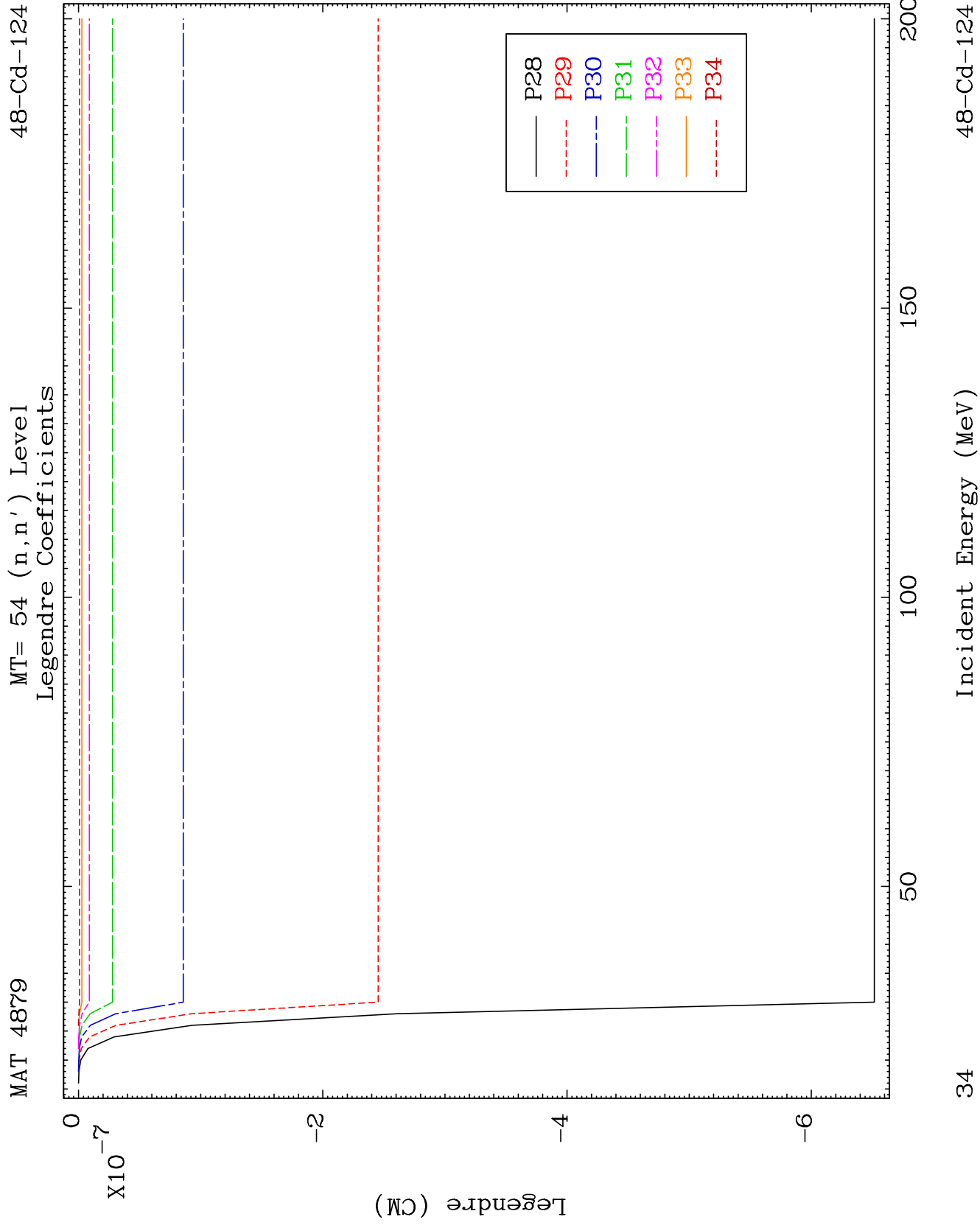
48-Cd-124

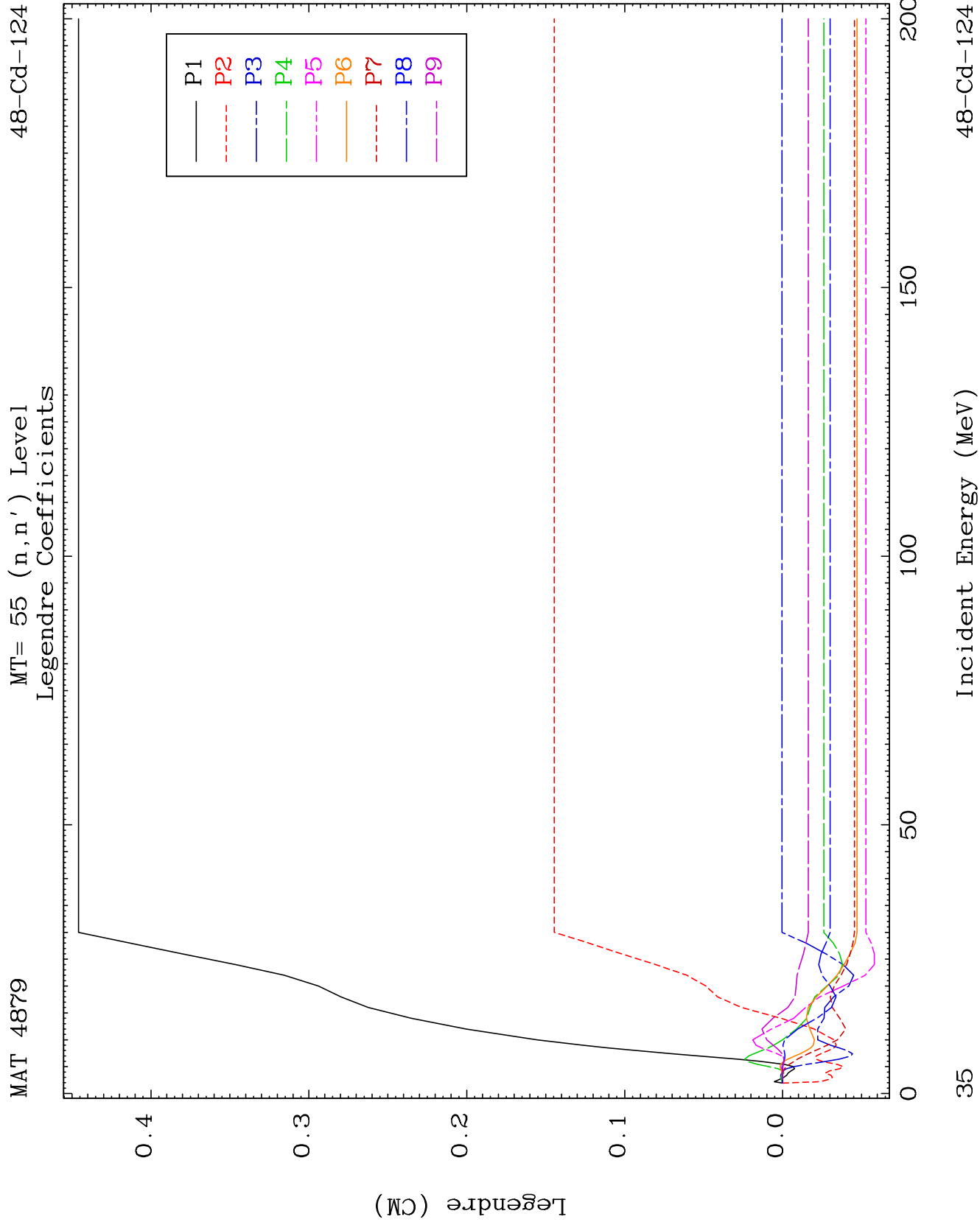
MAT 4879

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

48-Cd-124



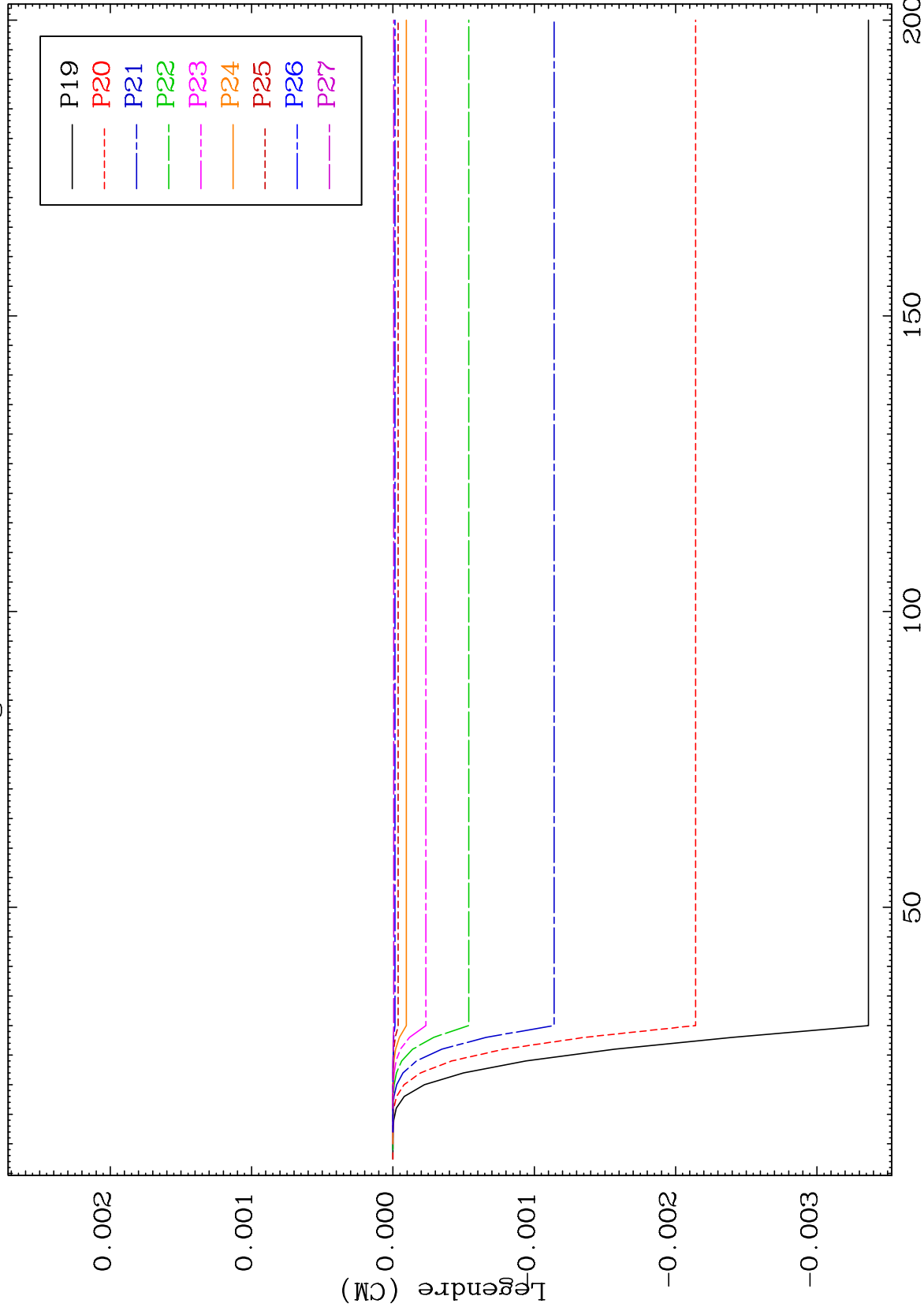




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MT= 55 (n,n') Level
Legendre Coefficients

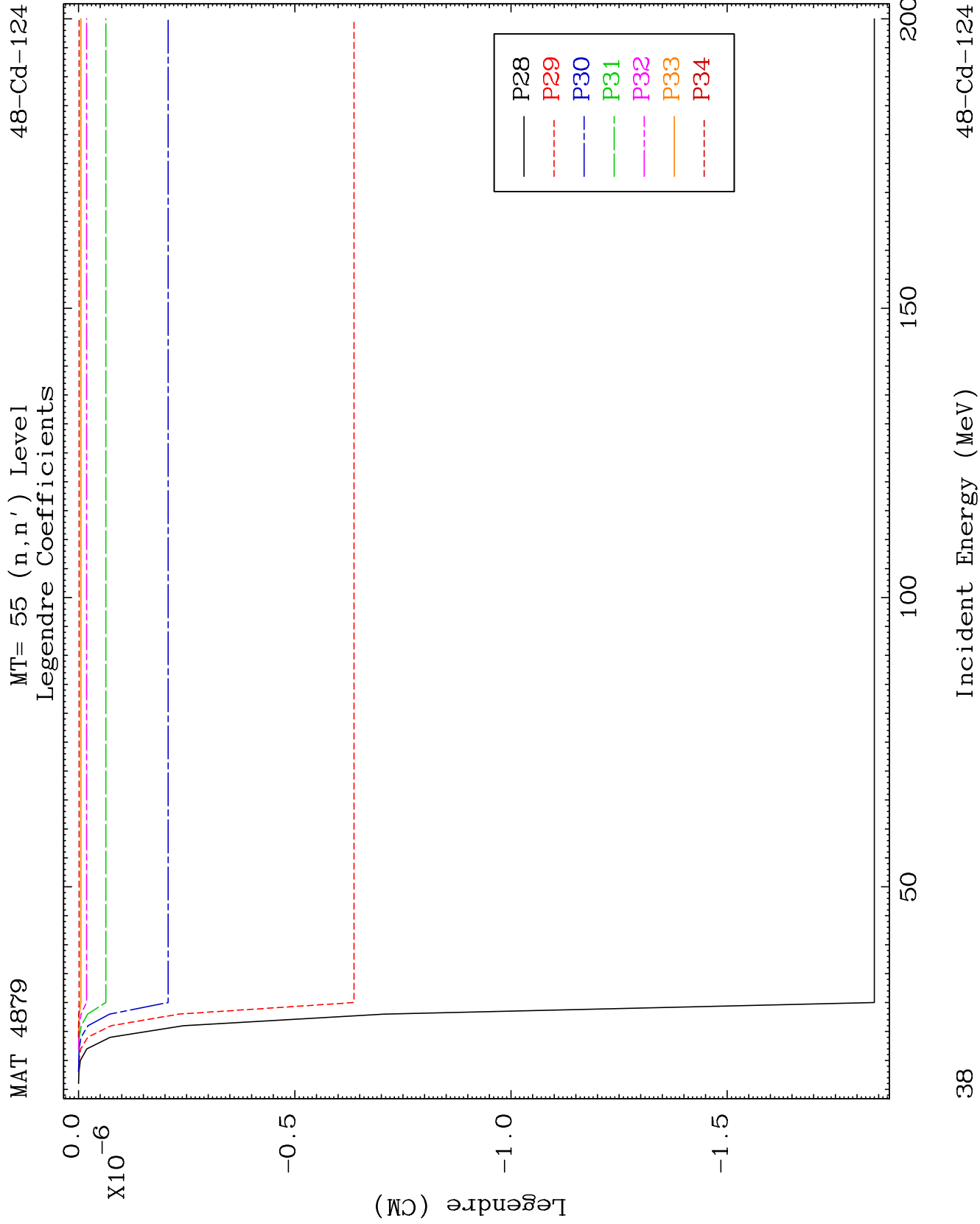
48-Cd-124



37

Incident Energy (MeV)

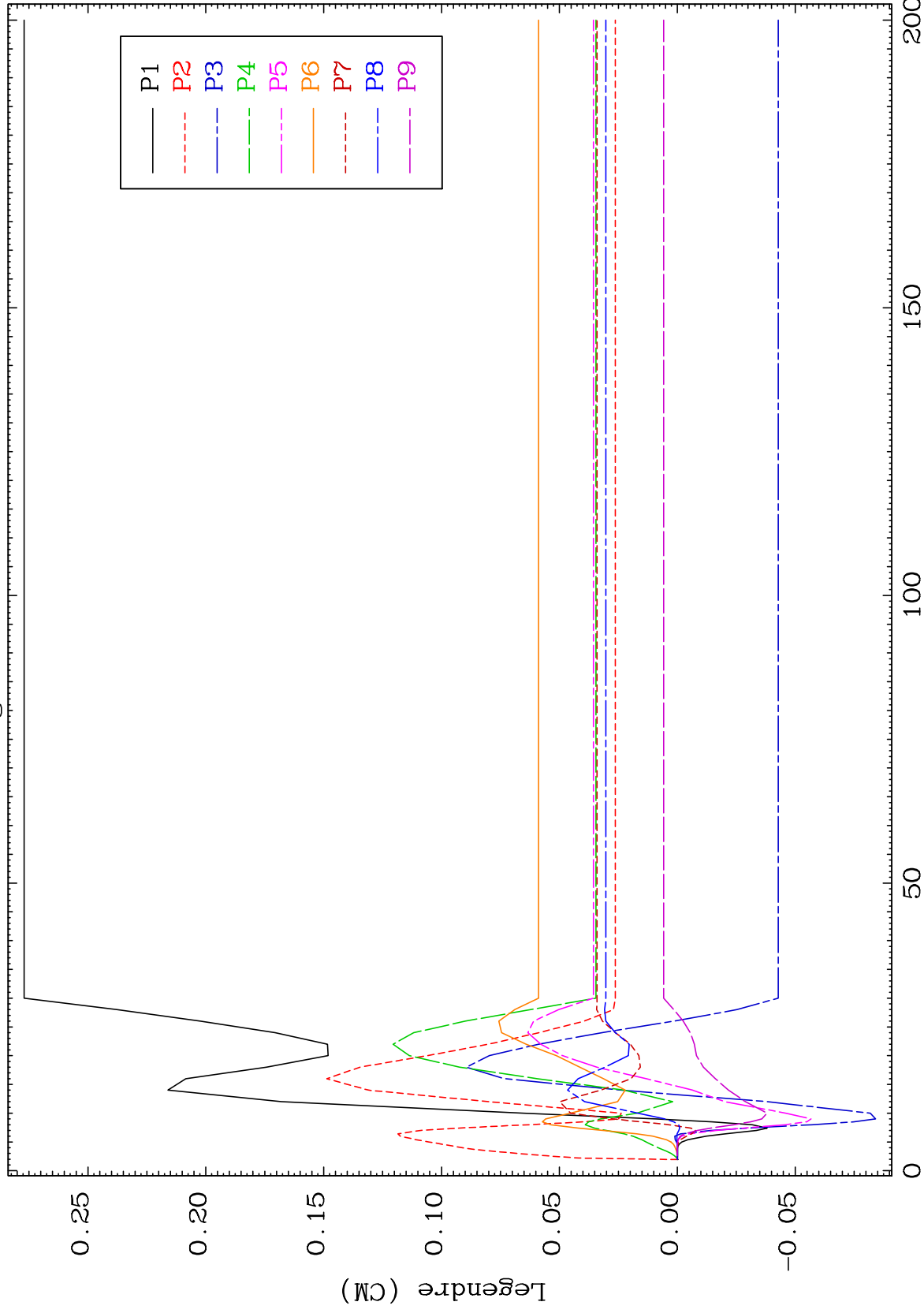
48-Cd-124



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

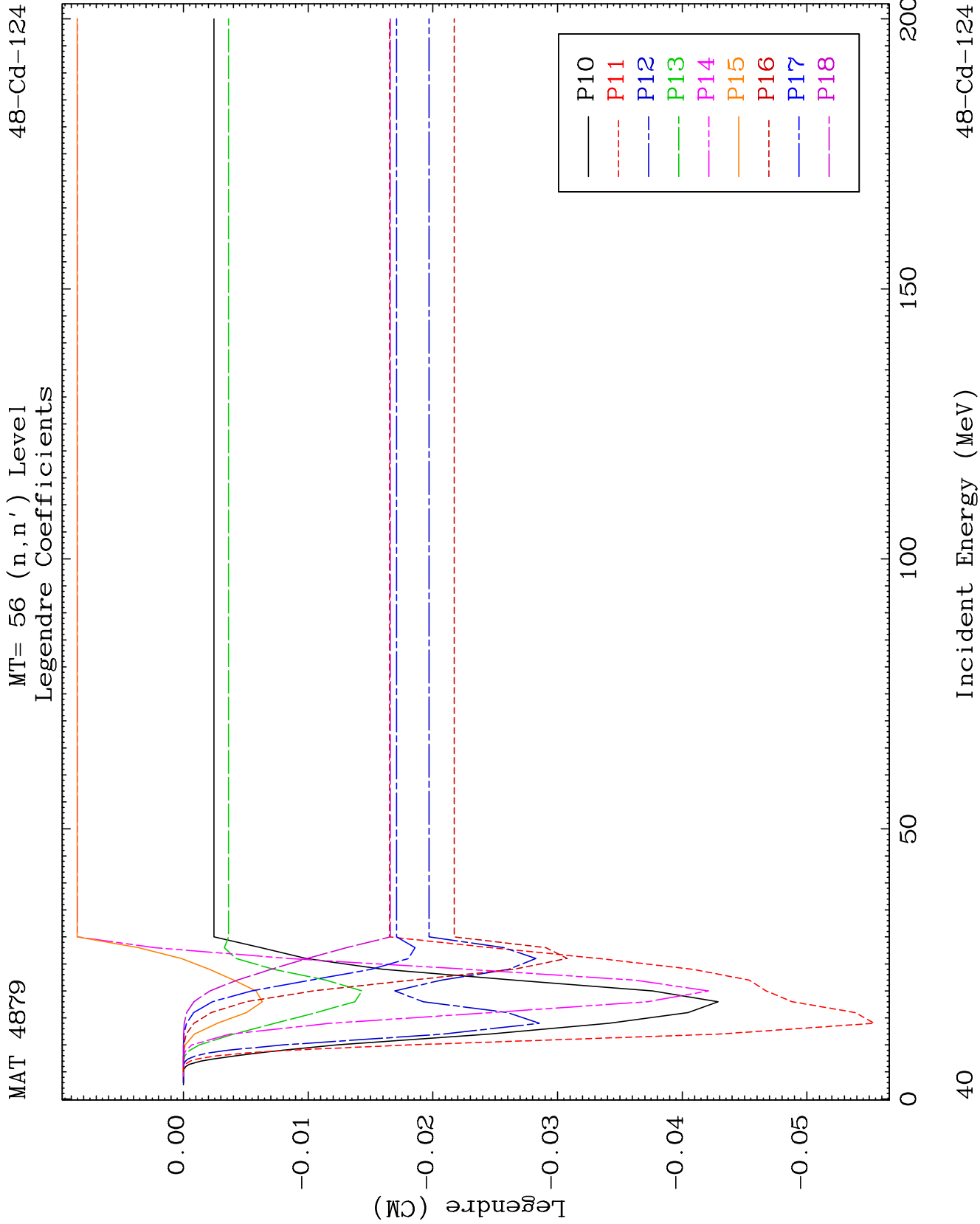
48-Cd-124

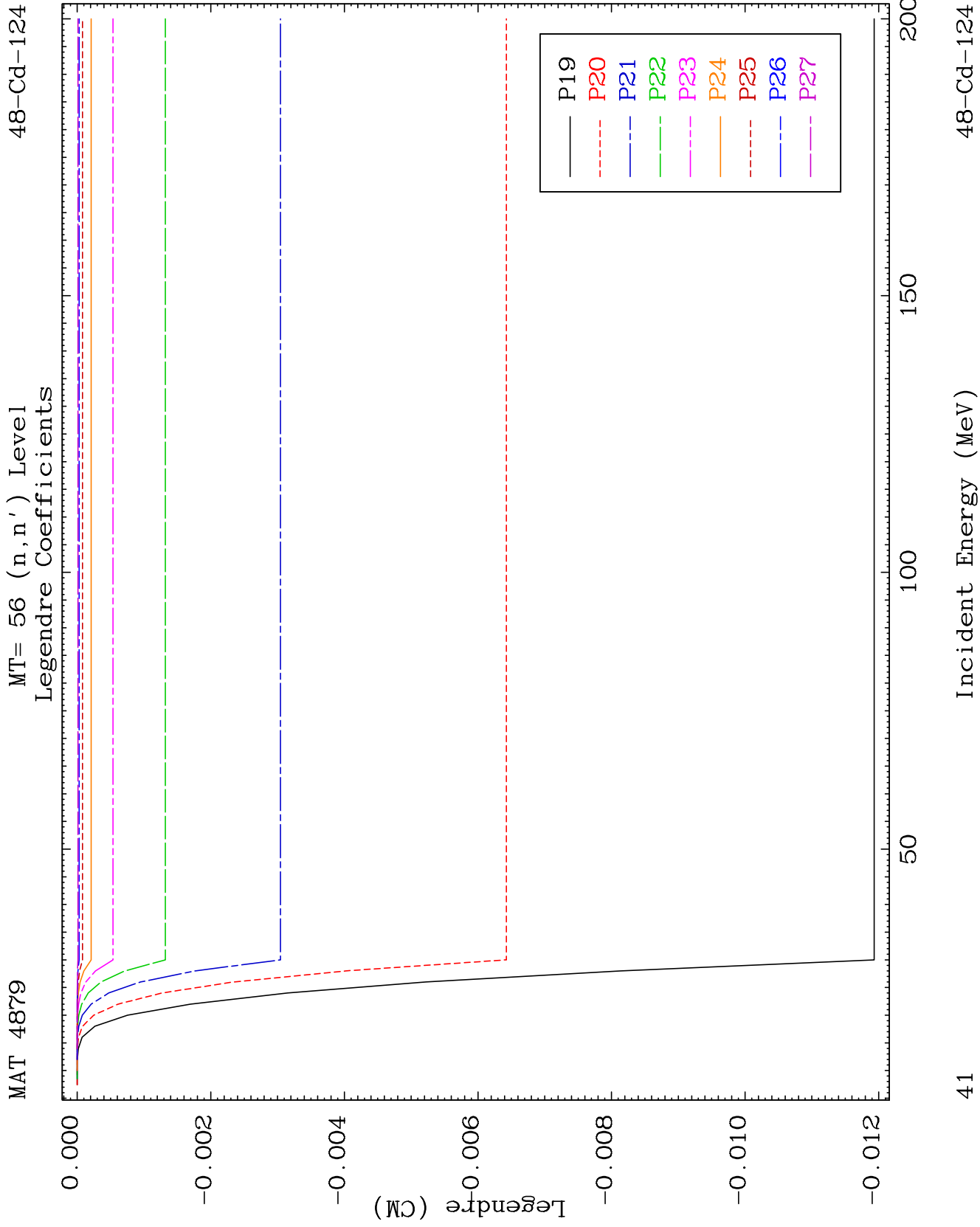


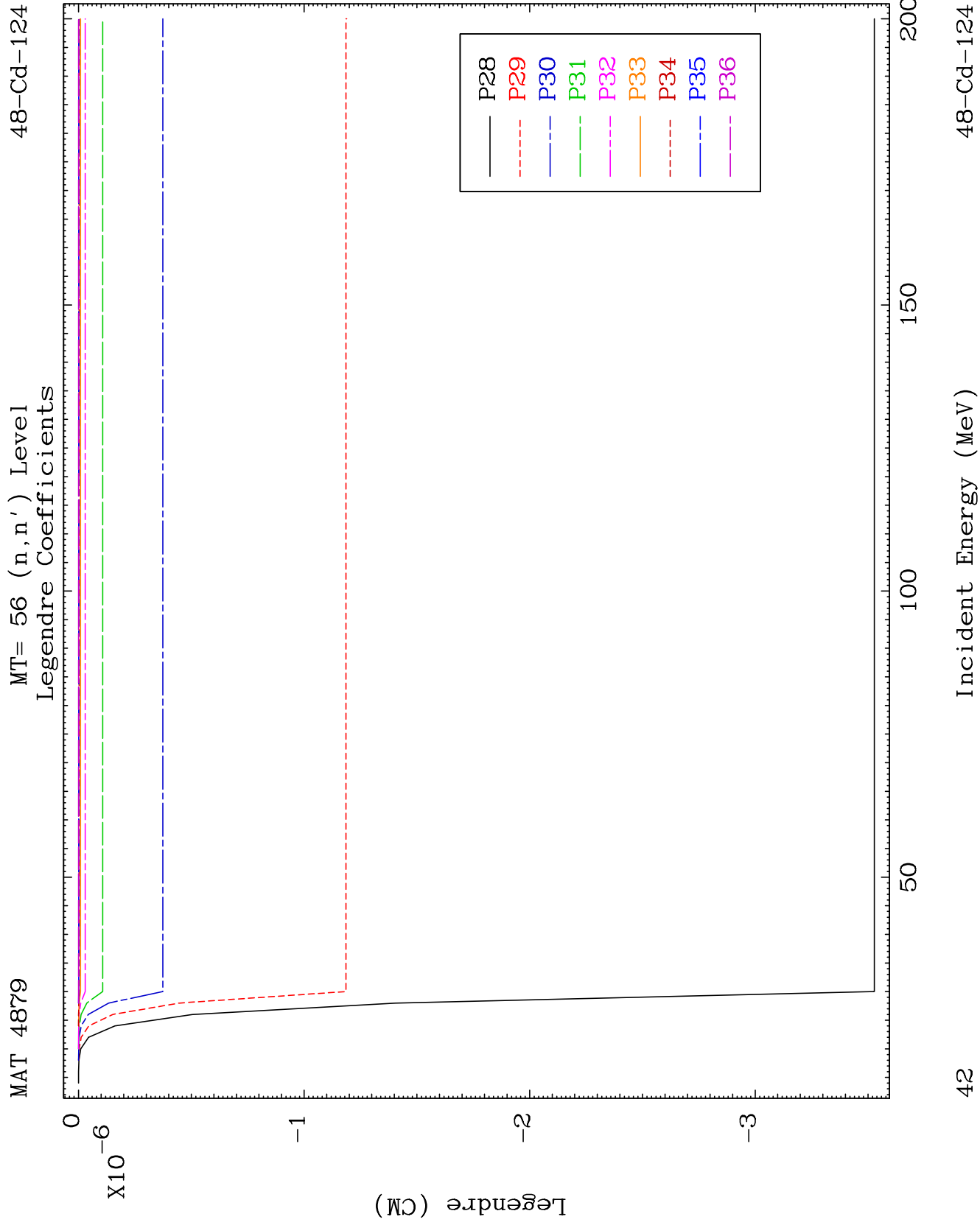
39

Incident Energy (MeV)

48-Cd-124



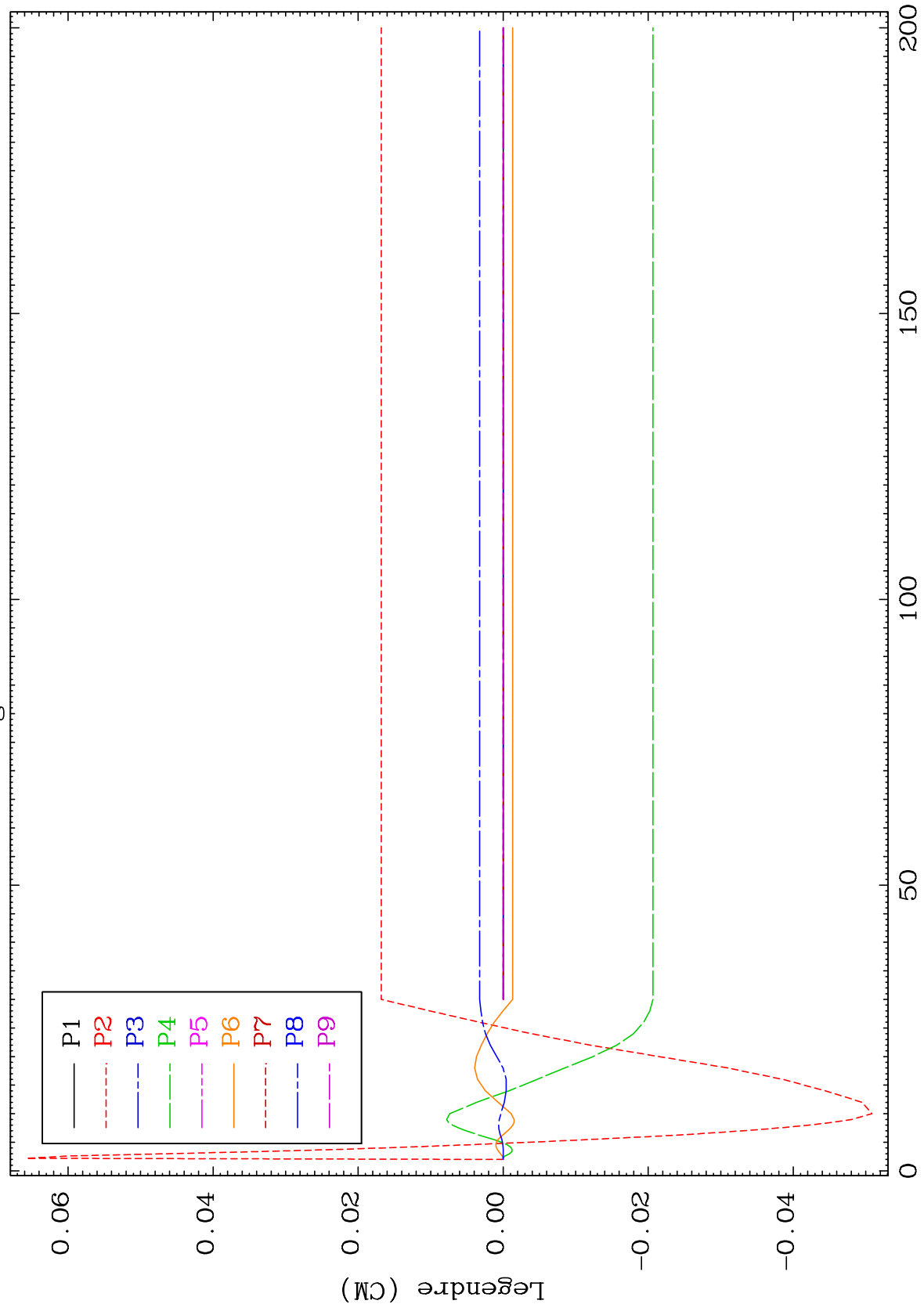




MAT 4879

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

48-Cd-124



43

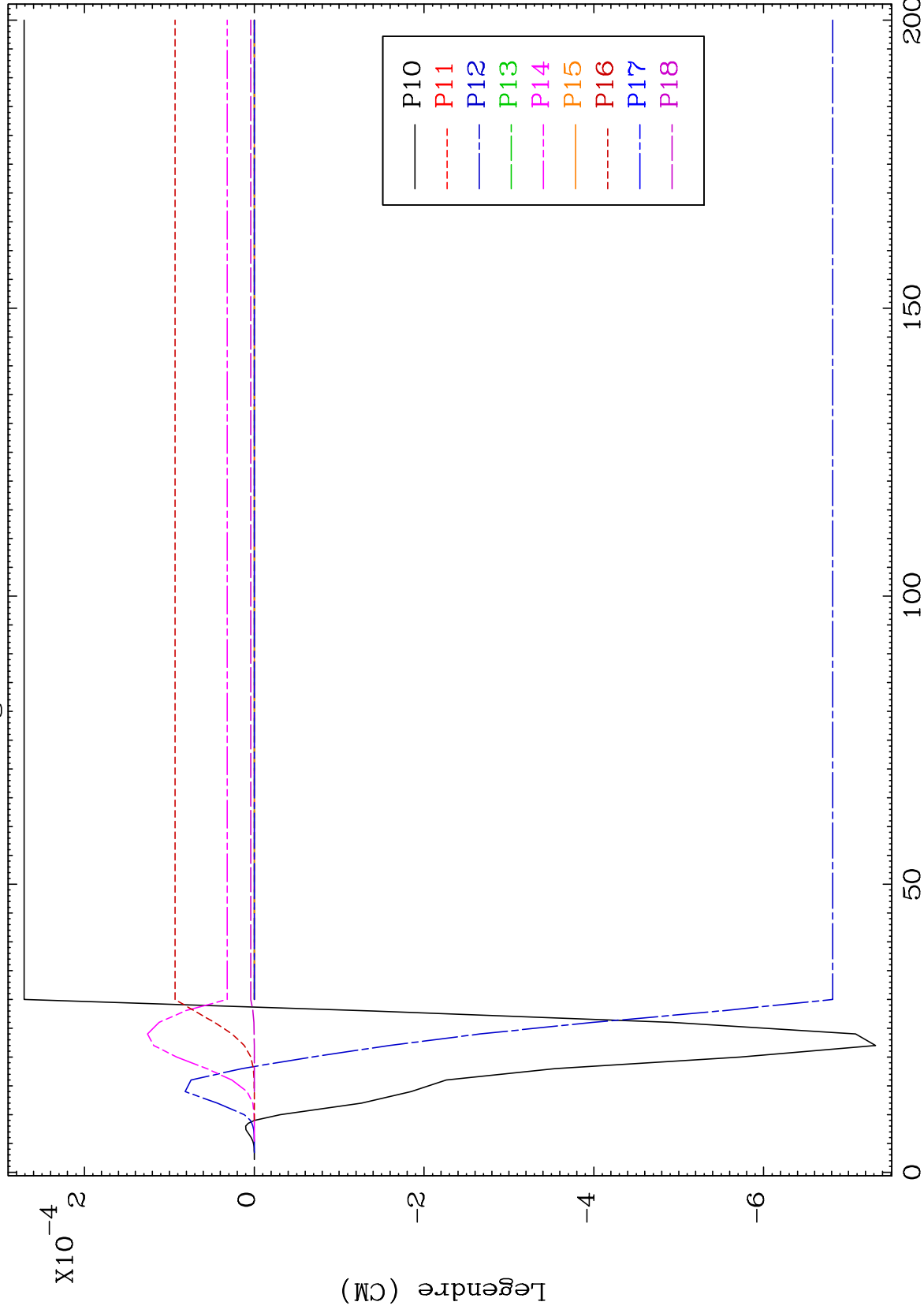
Incident Energy (MeV)

48-Cd-124

MAT 4879

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

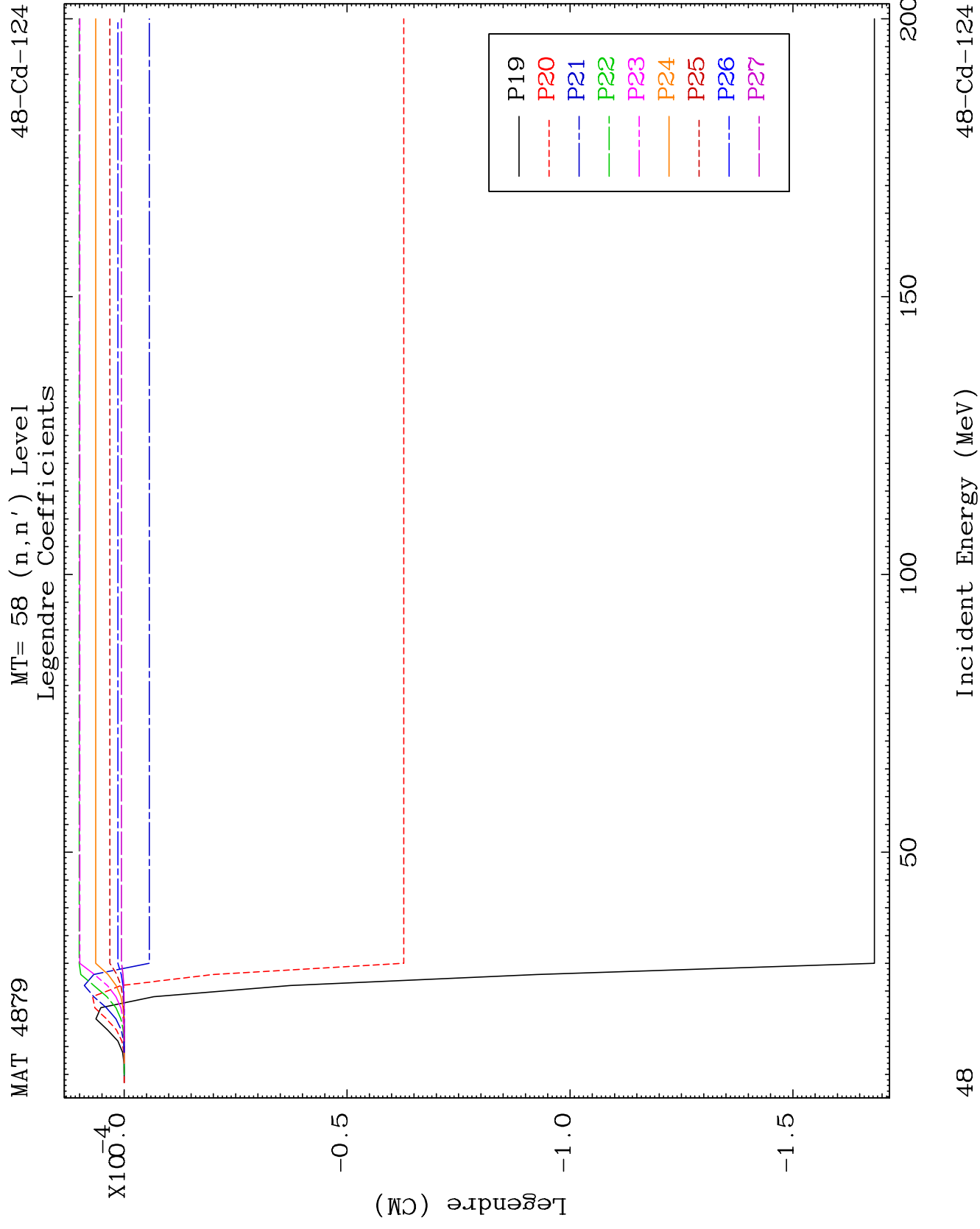
48-Cd-124

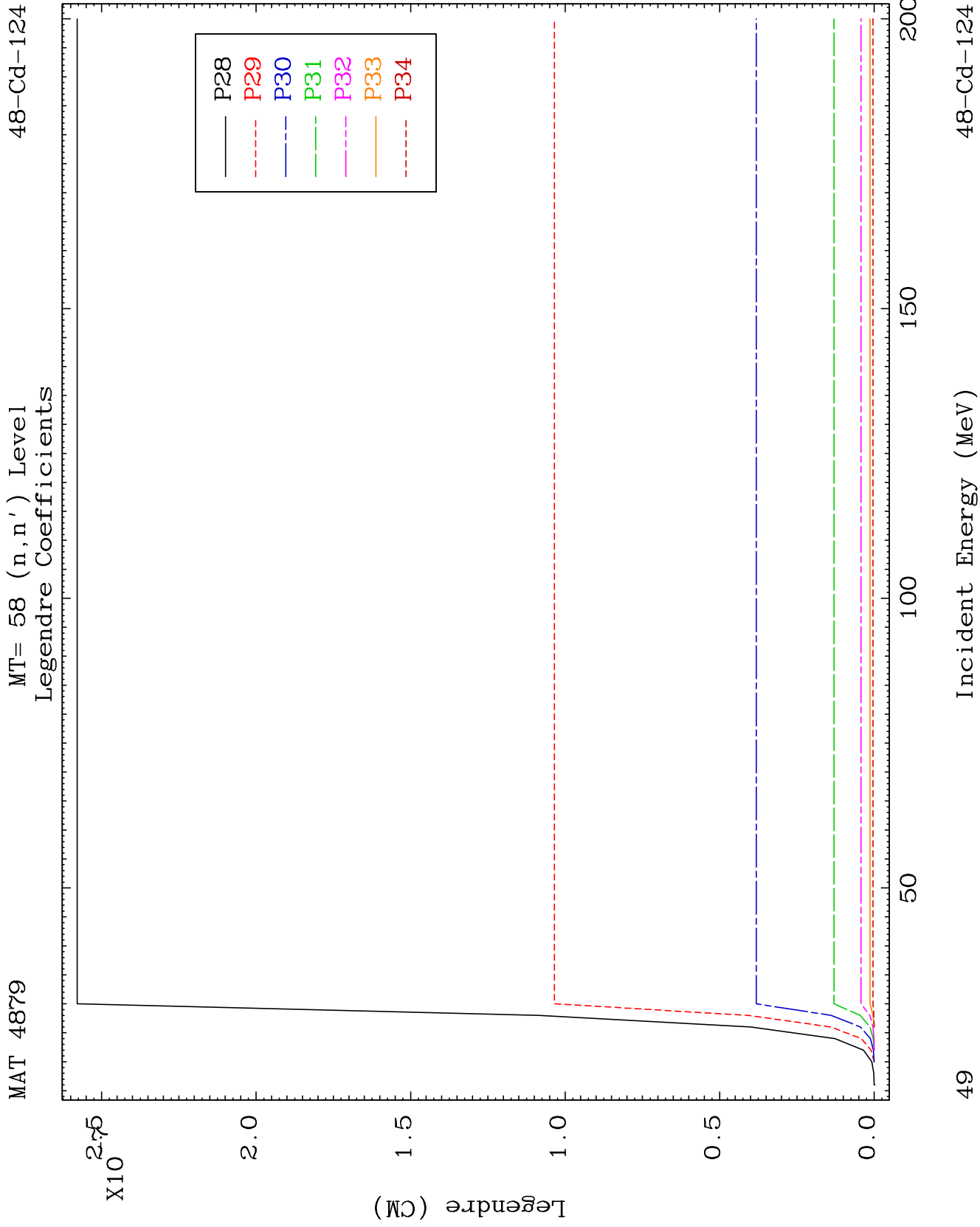


44

Incident Energy (MeV)

48-Cd-124

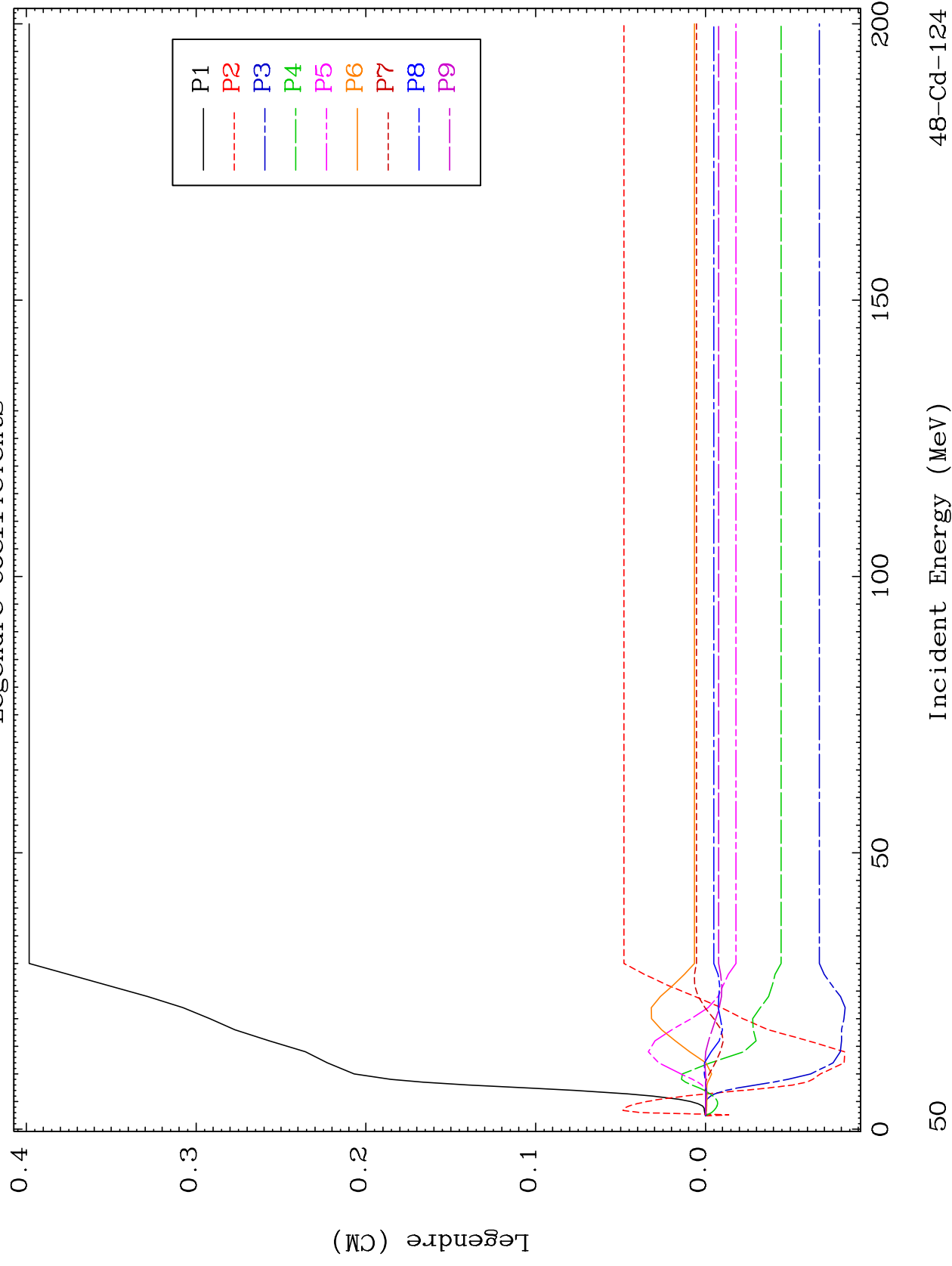


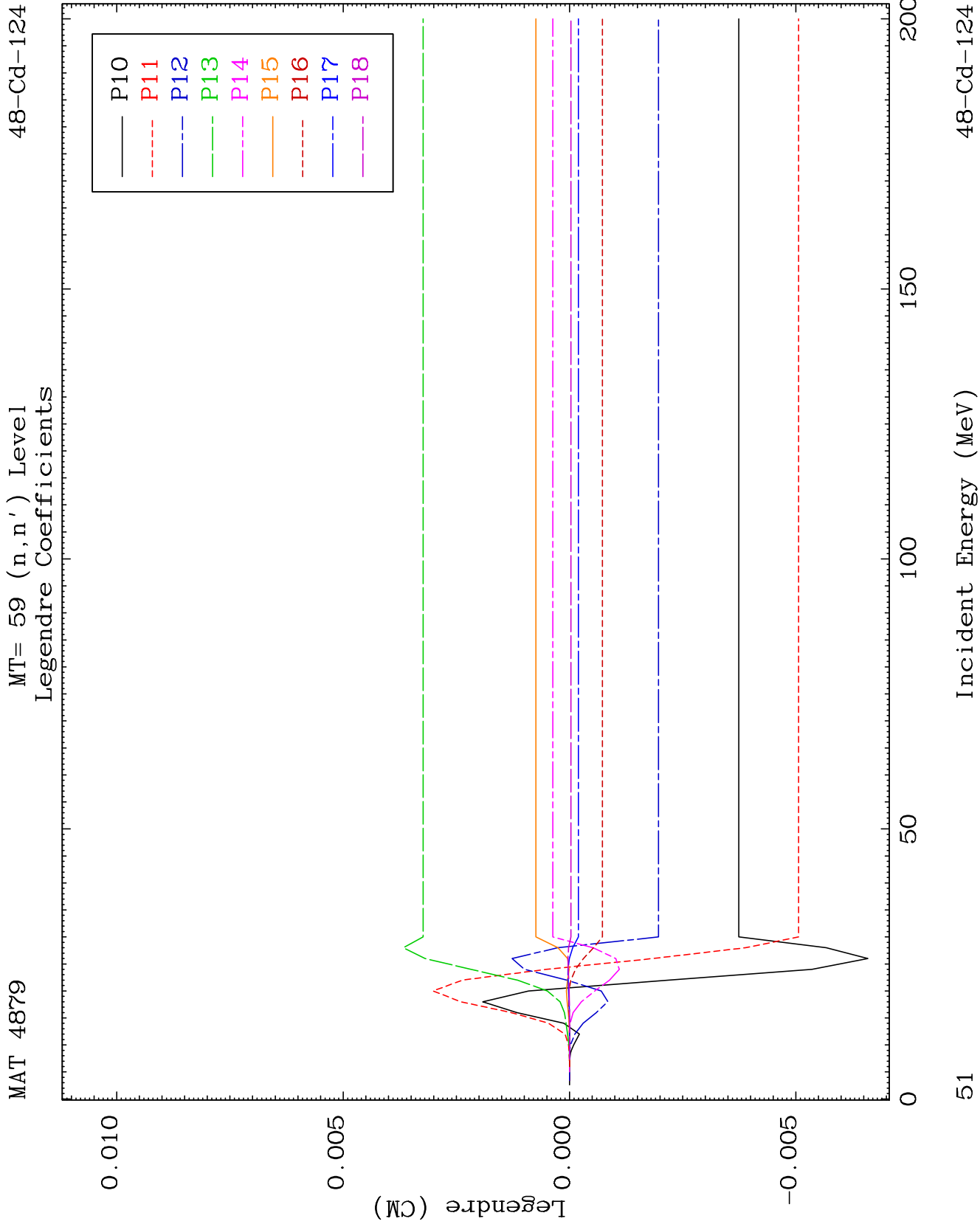


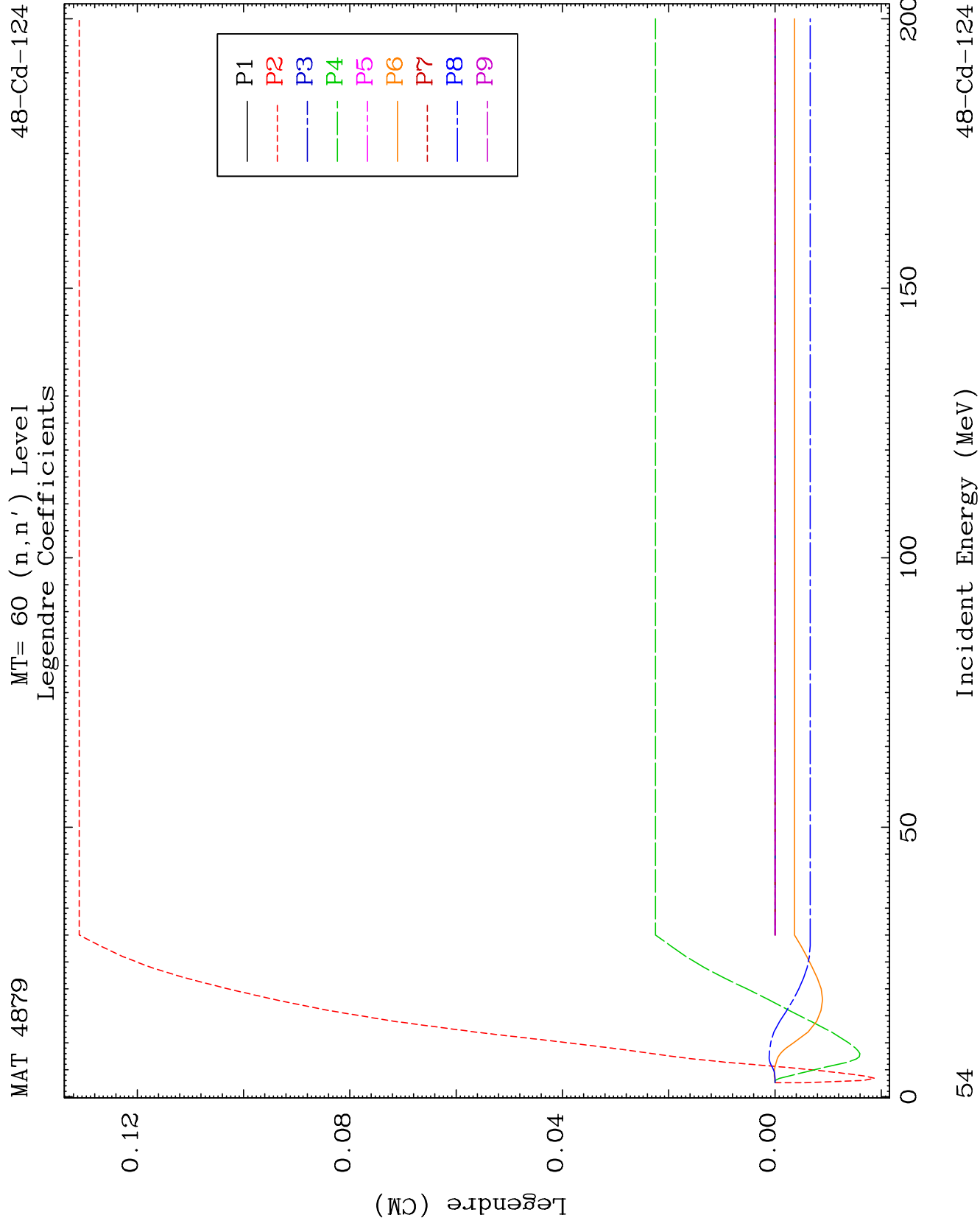
MAT 4879

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

48-Cd-124



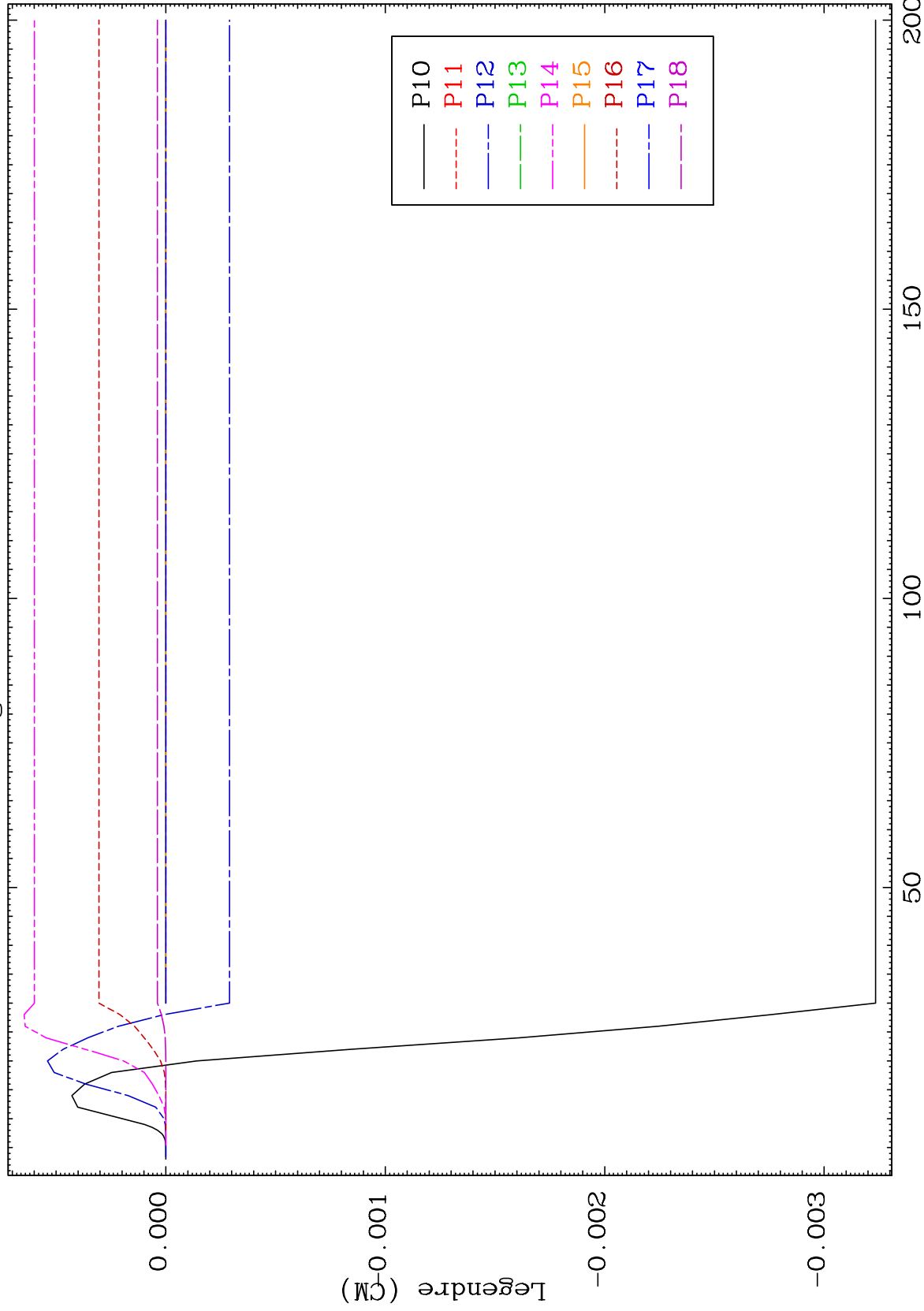




MAT 4879

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

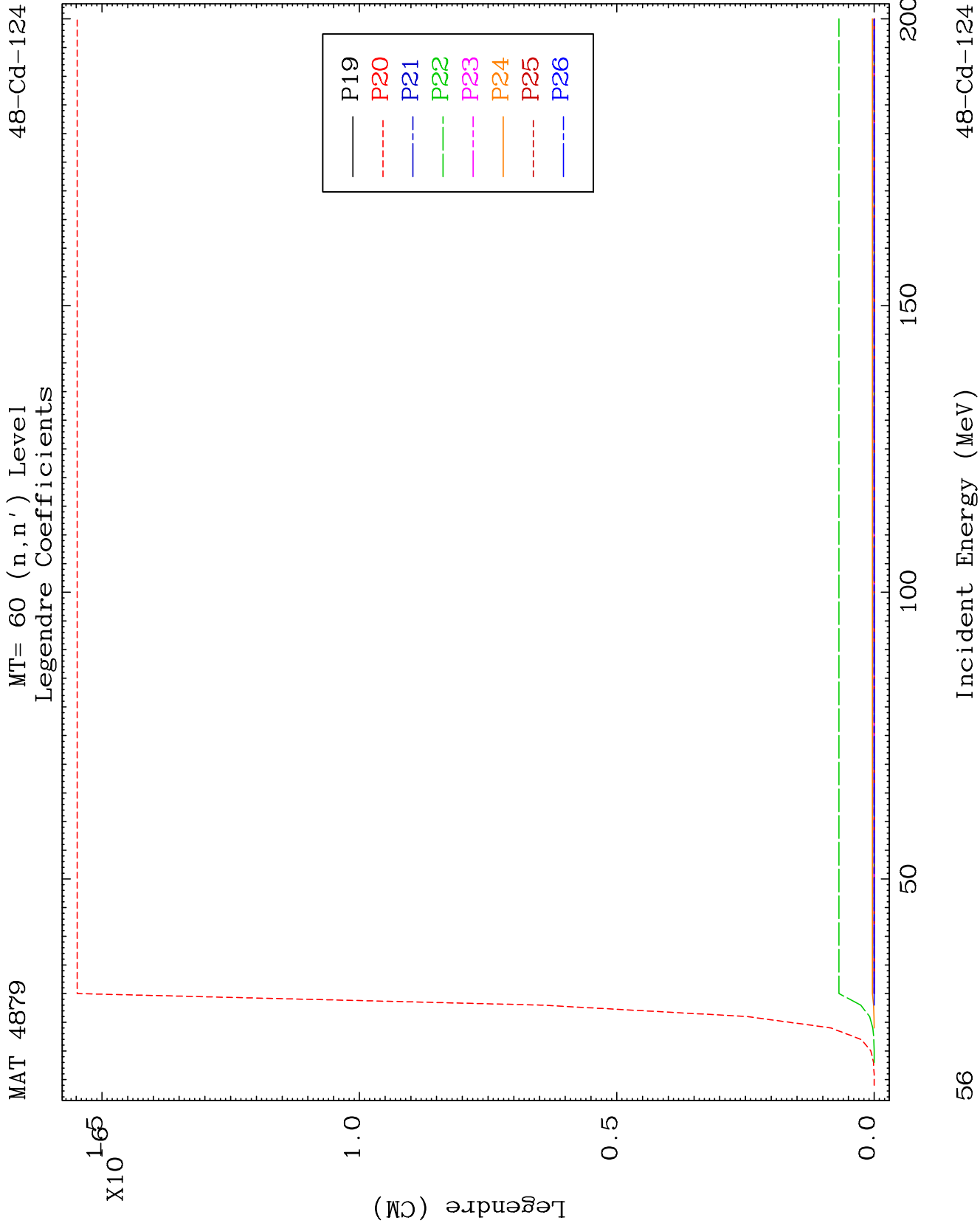
48-Cd-124



55

Incident Energy (MeV)

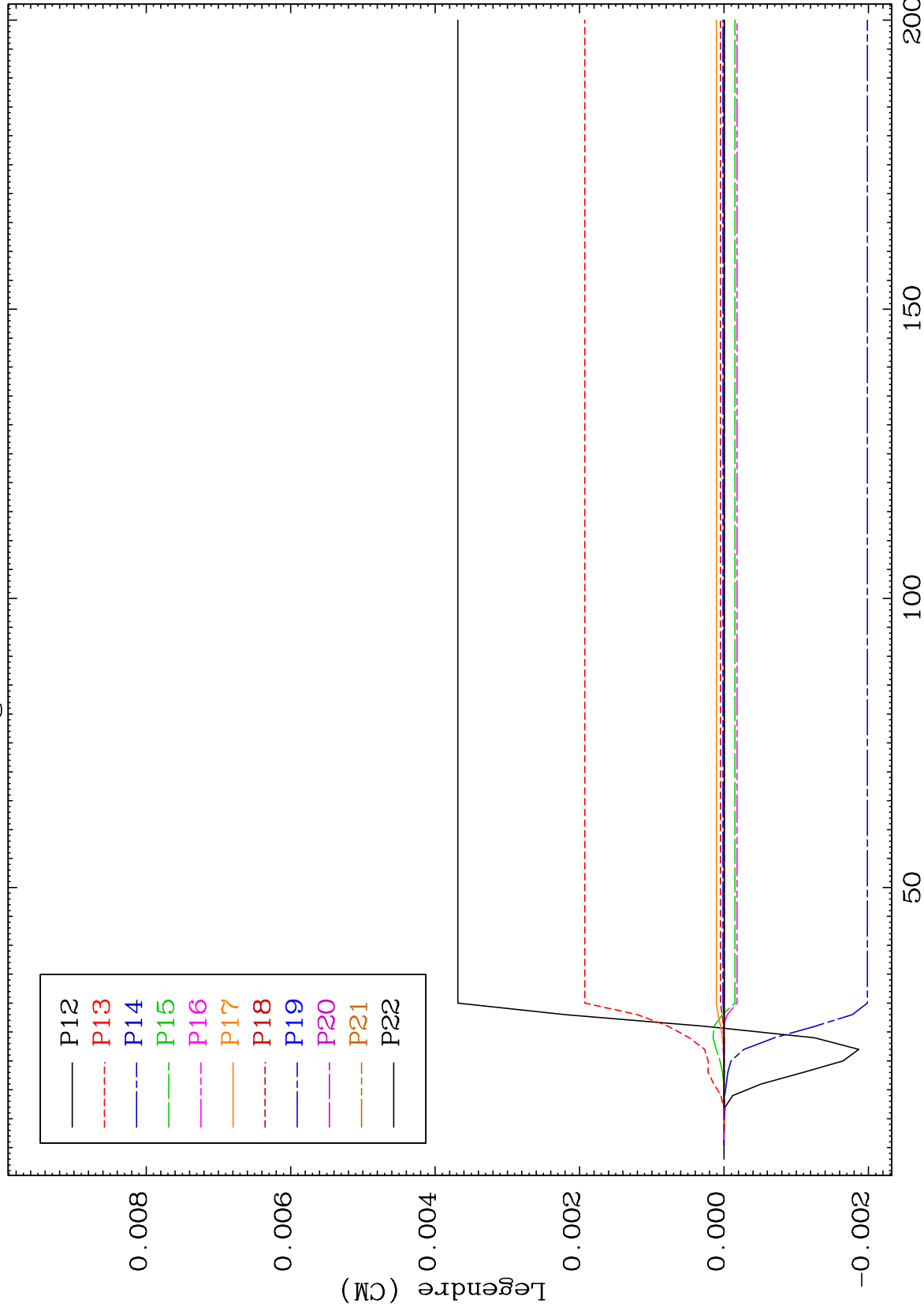
48-Cd-124



MAT 4879

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

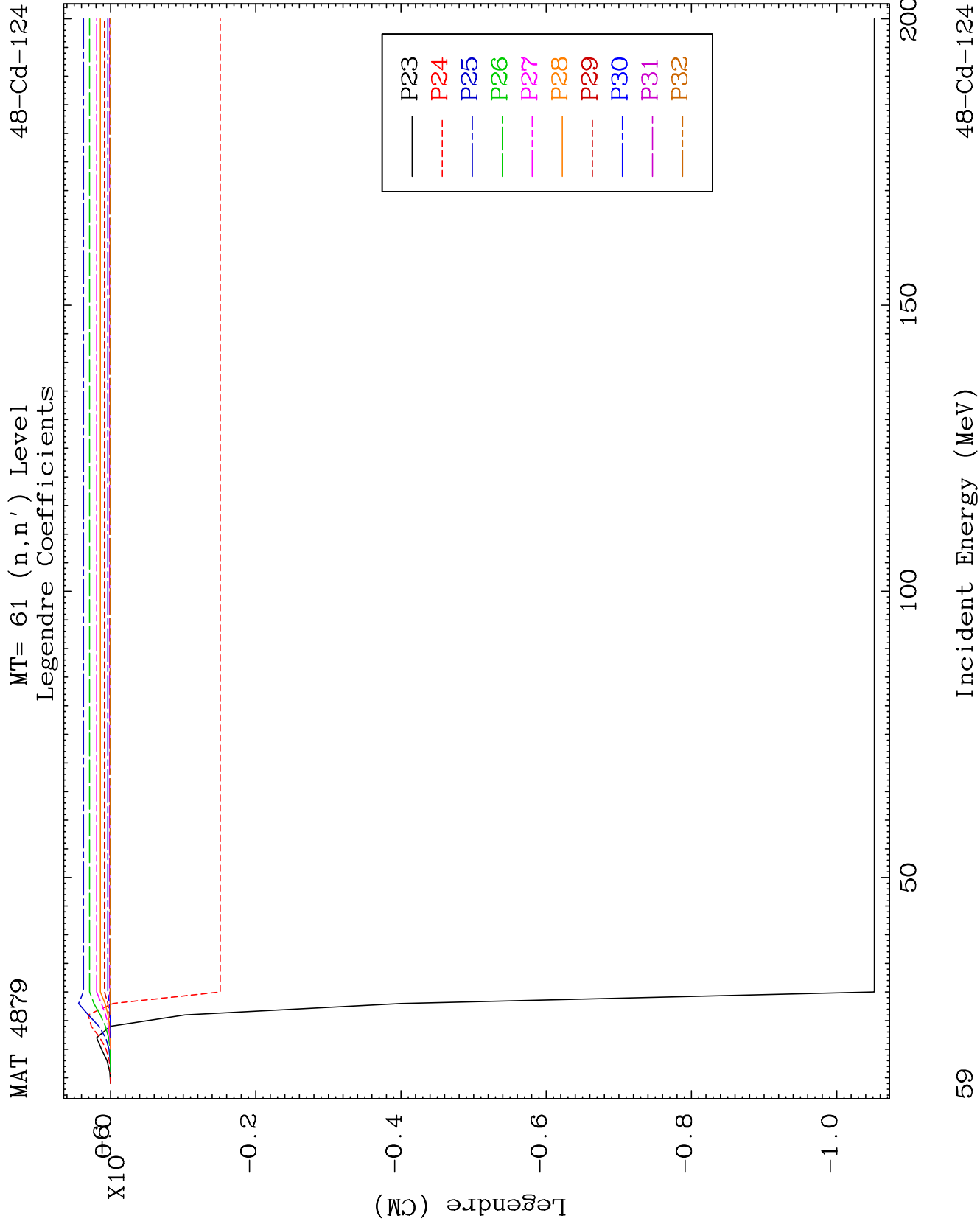
48-Cd-124



58

Incident Energy (MeV)

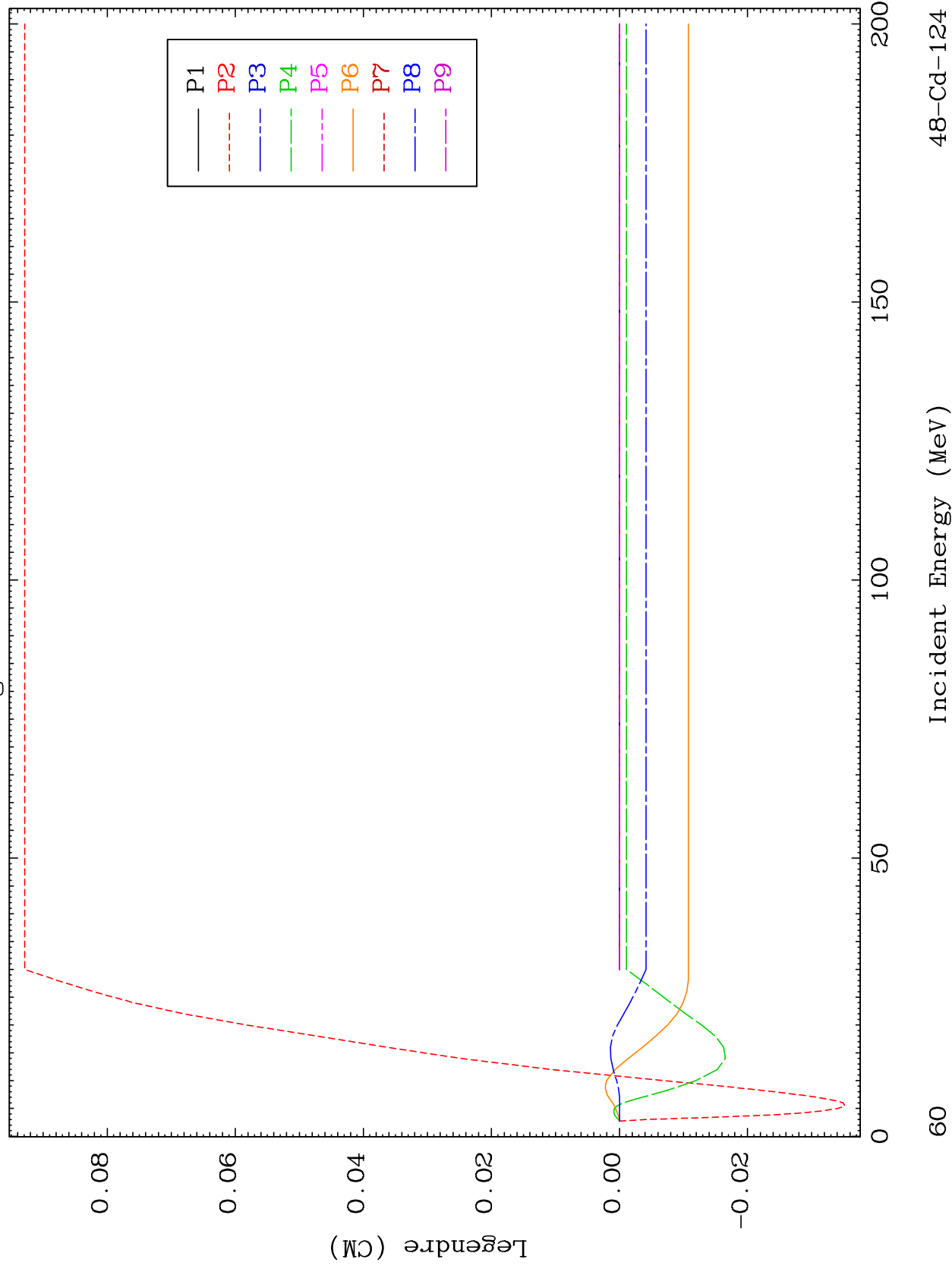
48-Cd-124

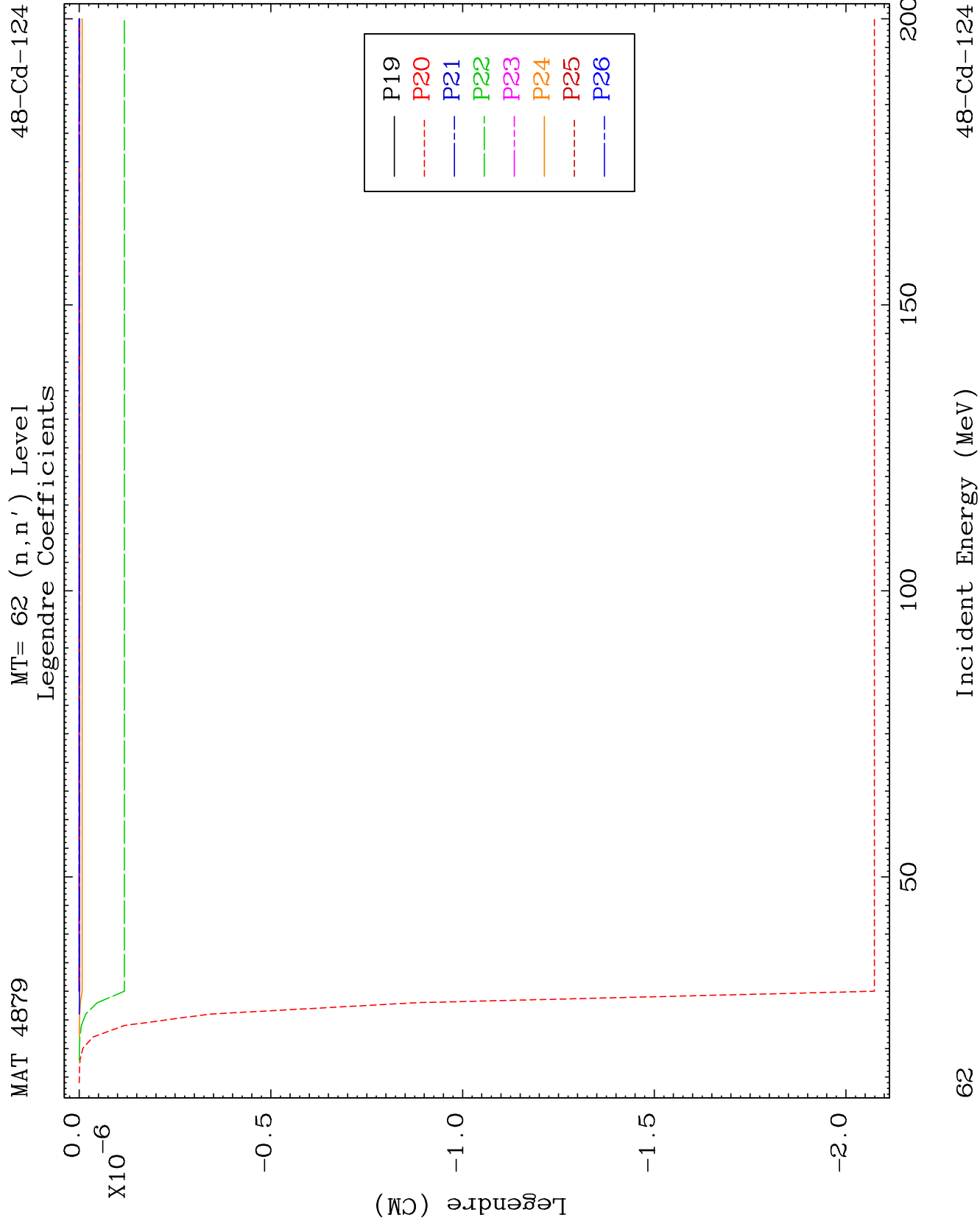


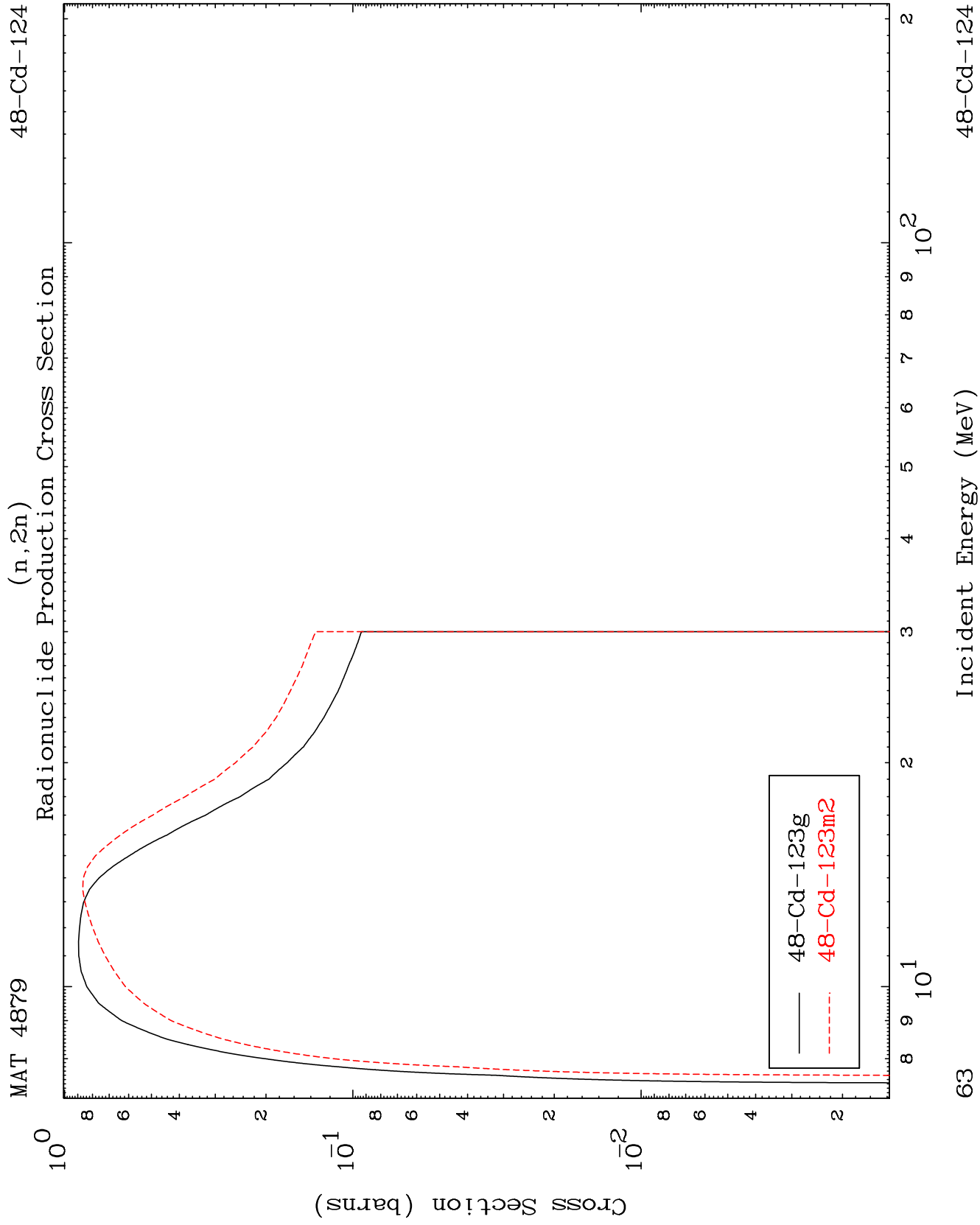
MAT 4879

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

48-Cd-124





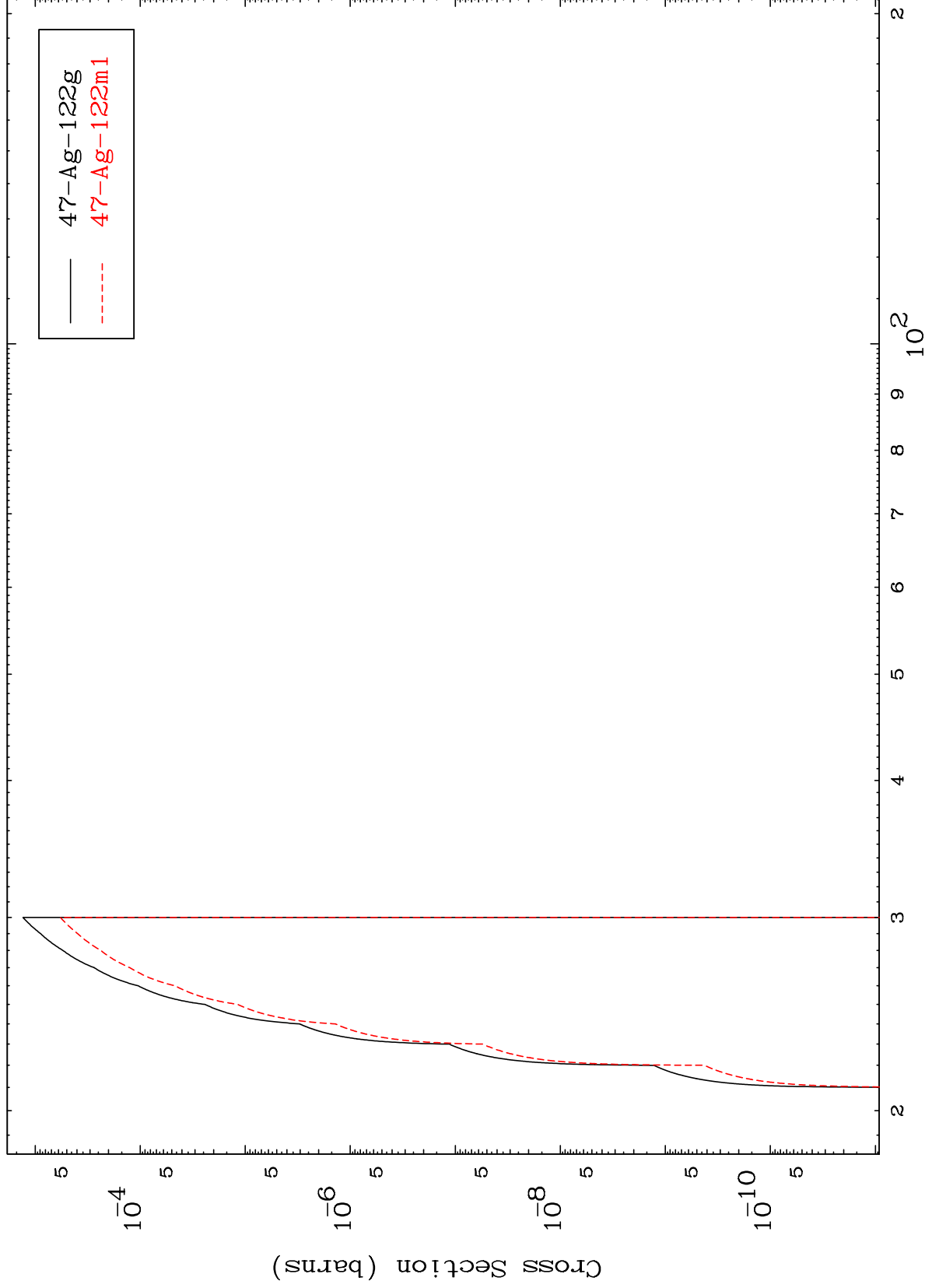


MAT 4879

(n,n') d

48-Cd-124

Radionuclide Production Cross Section



64

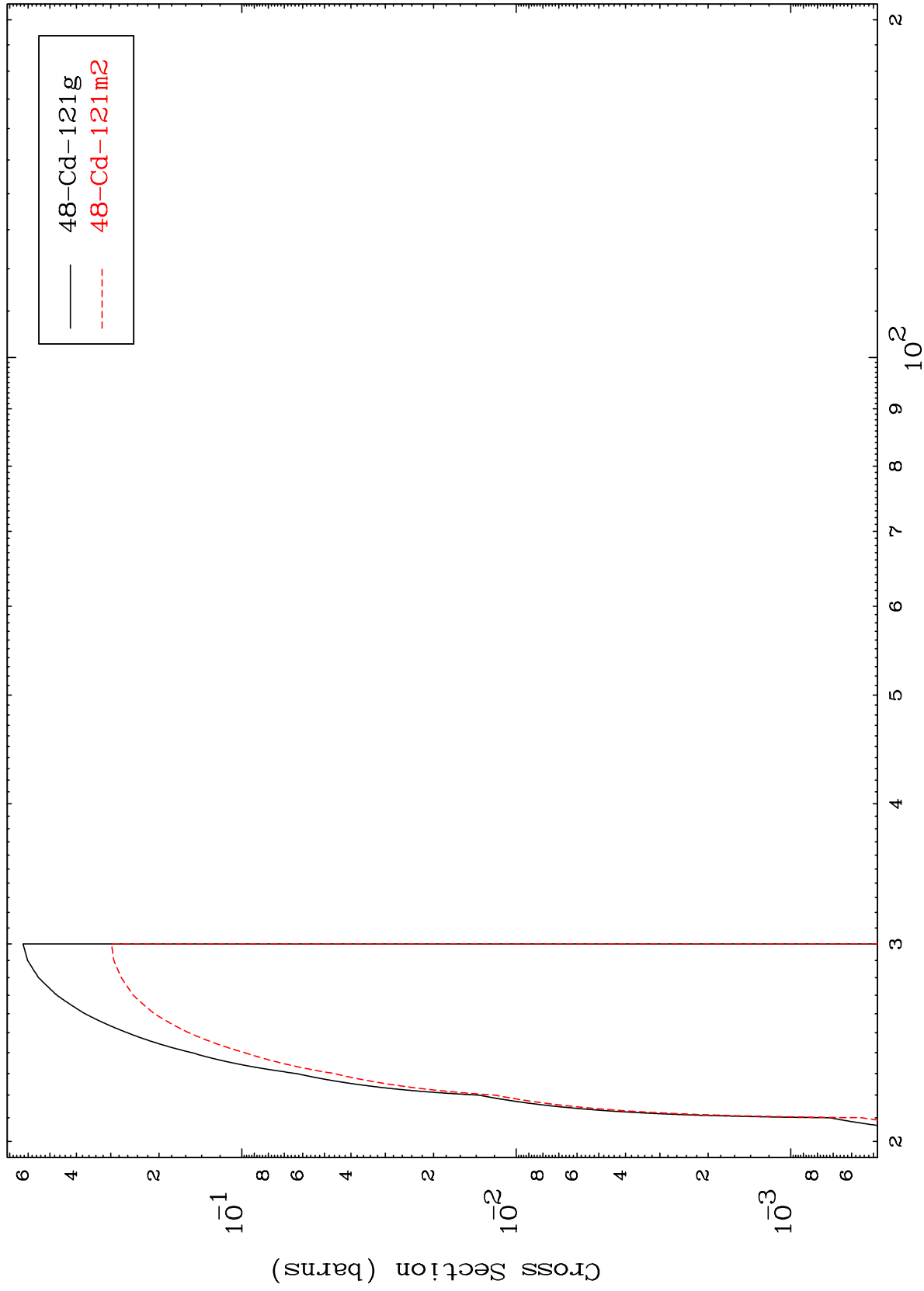
Incident Energy (MeV)

48-Cd-124

MAT 4879

48-Cd-124

(n,4n)
Radionuclide Production Cross Section



65

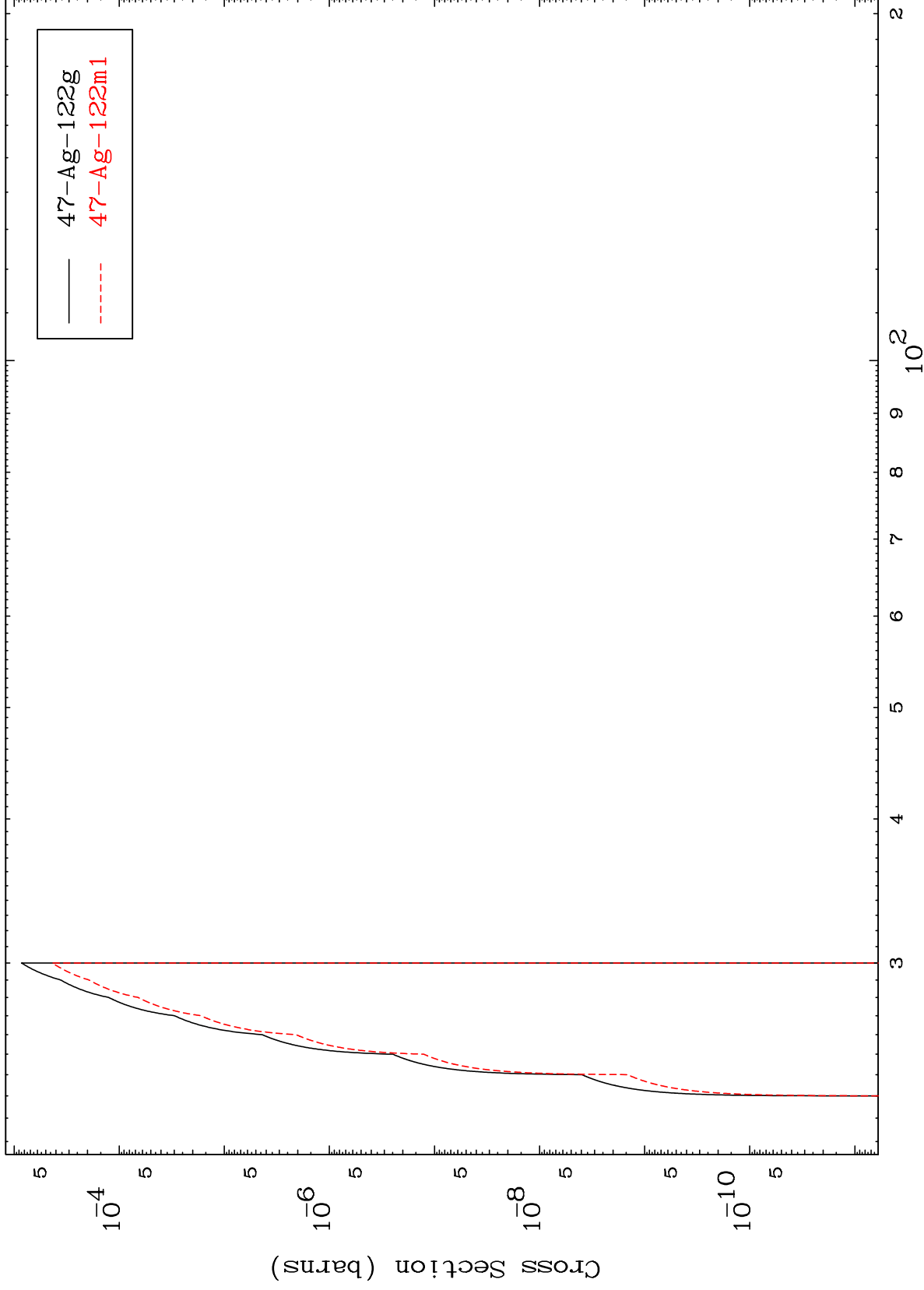
Incident Energy (MeV)

48-Cd-124

MAT 4879

48-Cd-124

$(n,2n)$ p
Radionuclide Production Cross Section



66

Incident Energy (MeV)

48-Cd-124

