

Program EVALPLOT
(Version 2015-2)

by

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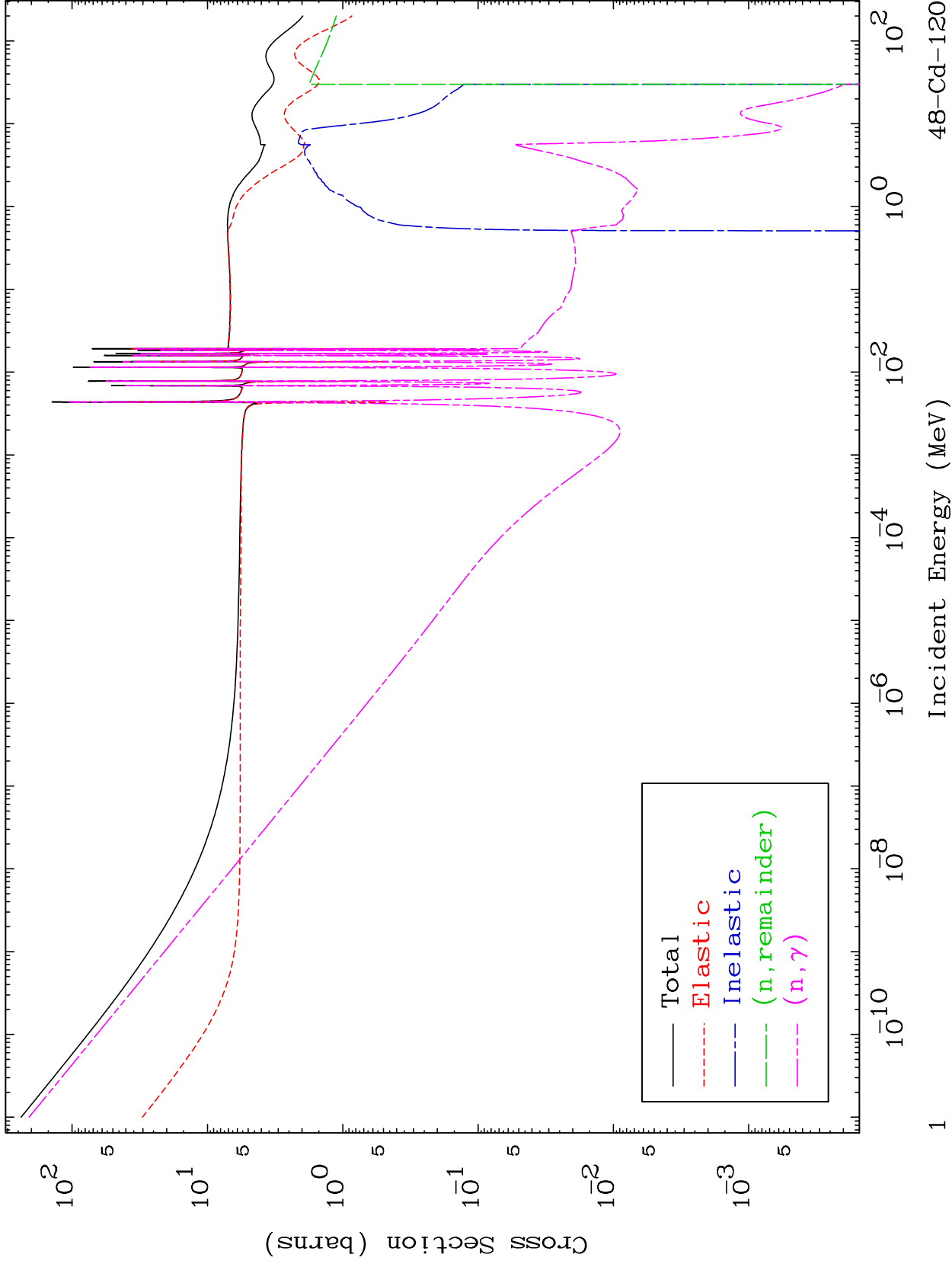
Press Mouse Button to Start

MAT 4867

Major

293 Kelvin Cross Sections

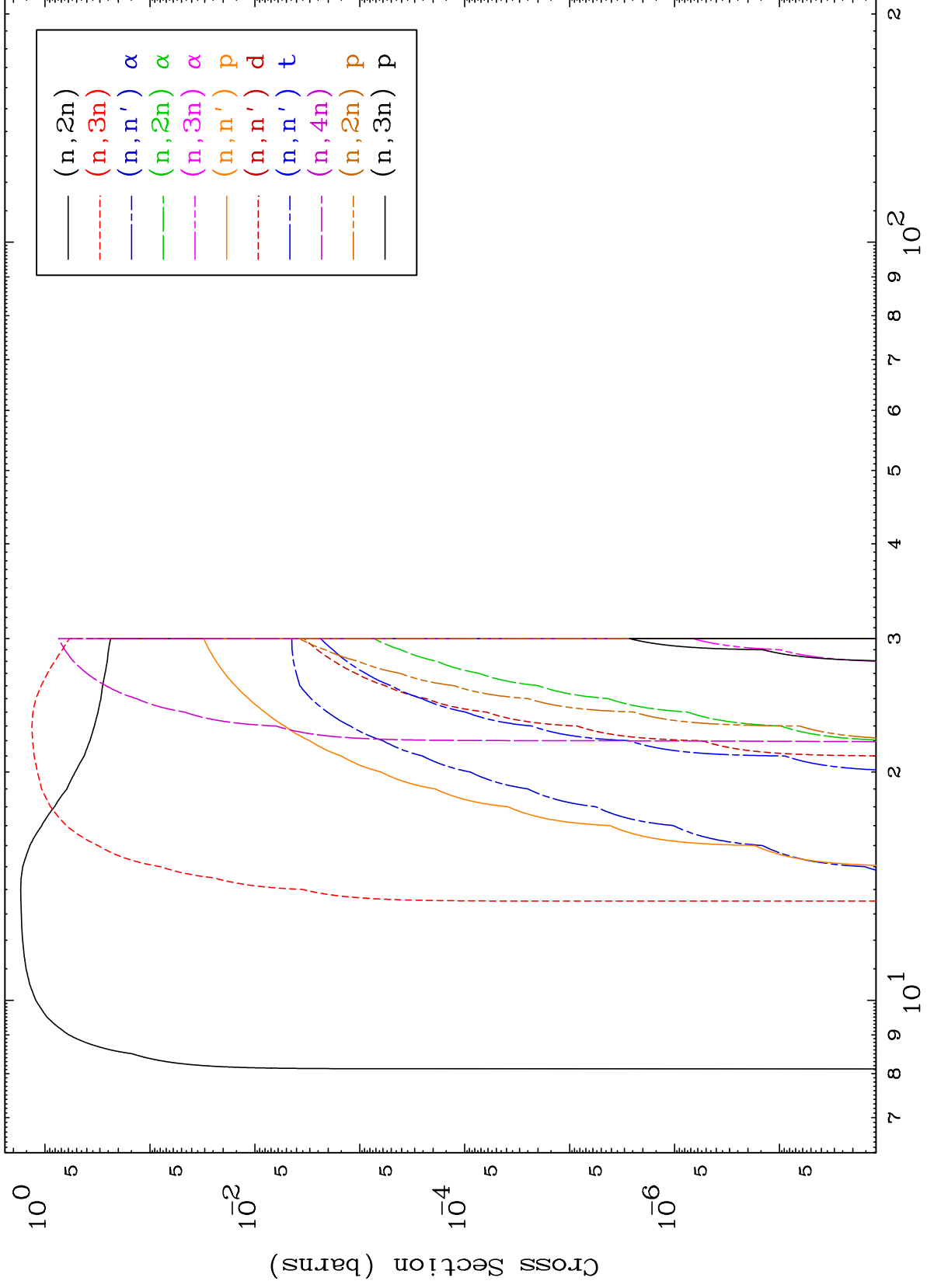
48-Cd-120

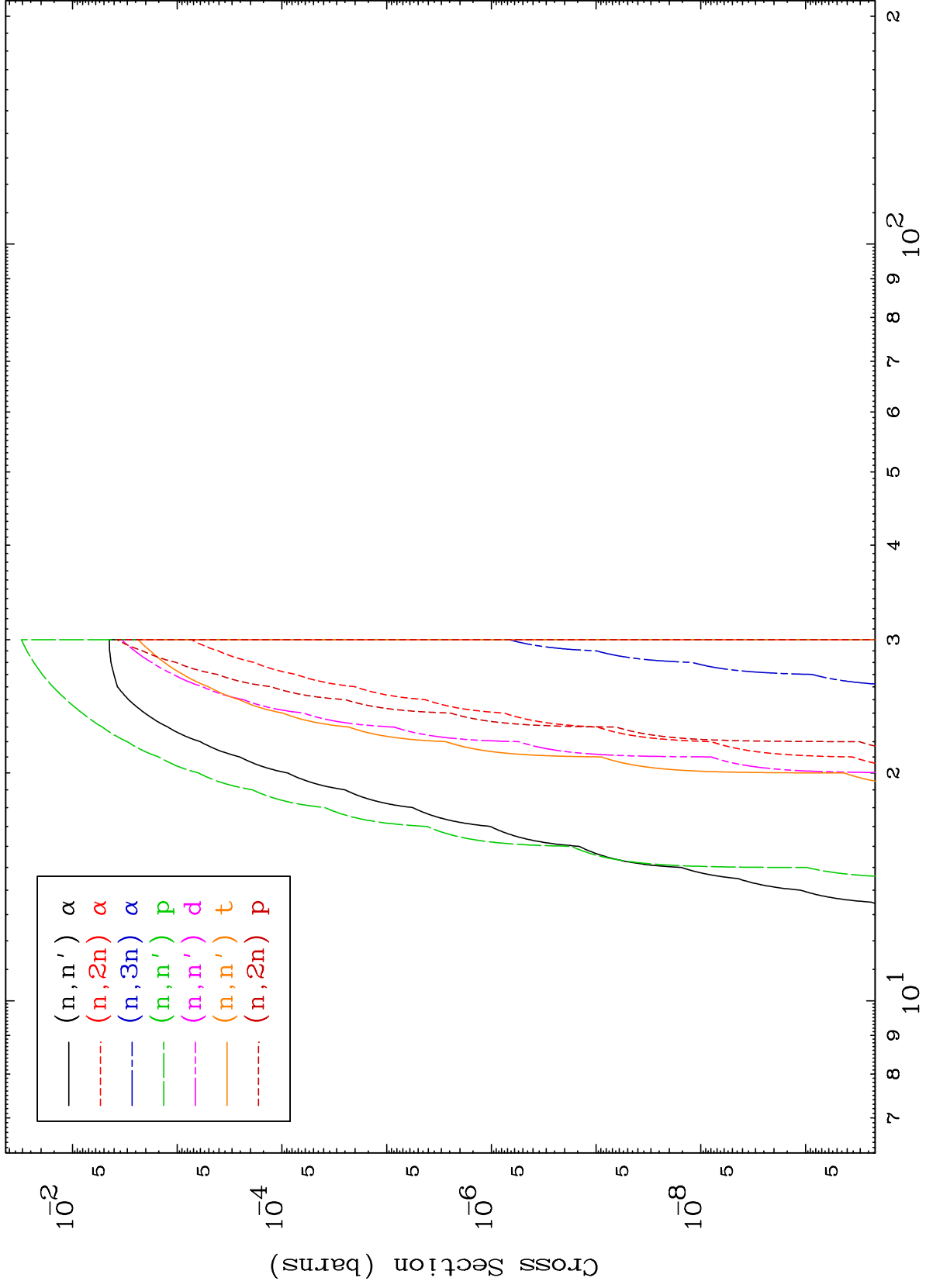


MAT 4867

Neutron Production
293 Kelvin Cross Sections

48-Cd-120

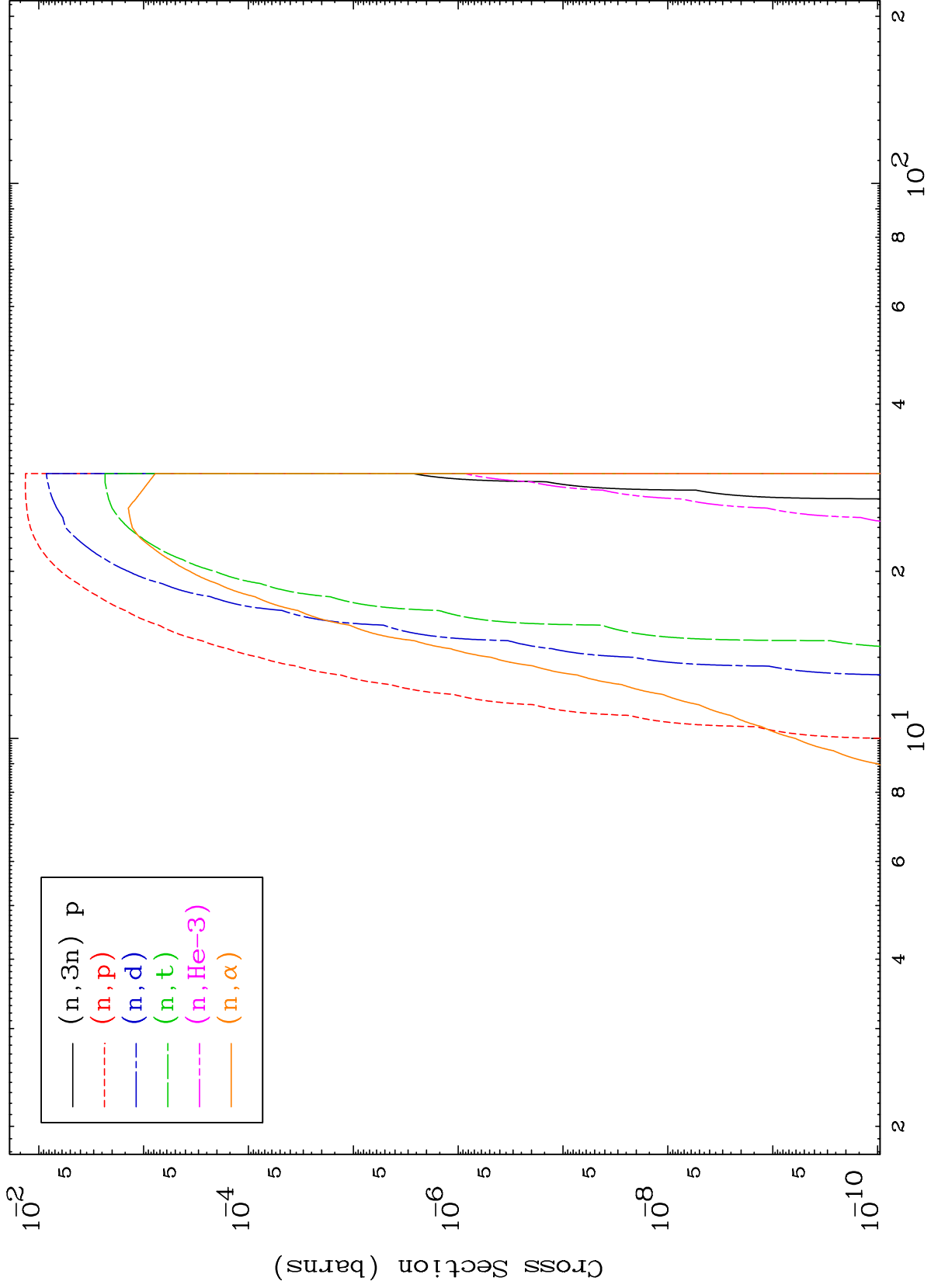




MAT 4867

Charged Particle
293 Kelvin Cross Sections

48-Cd-120



4

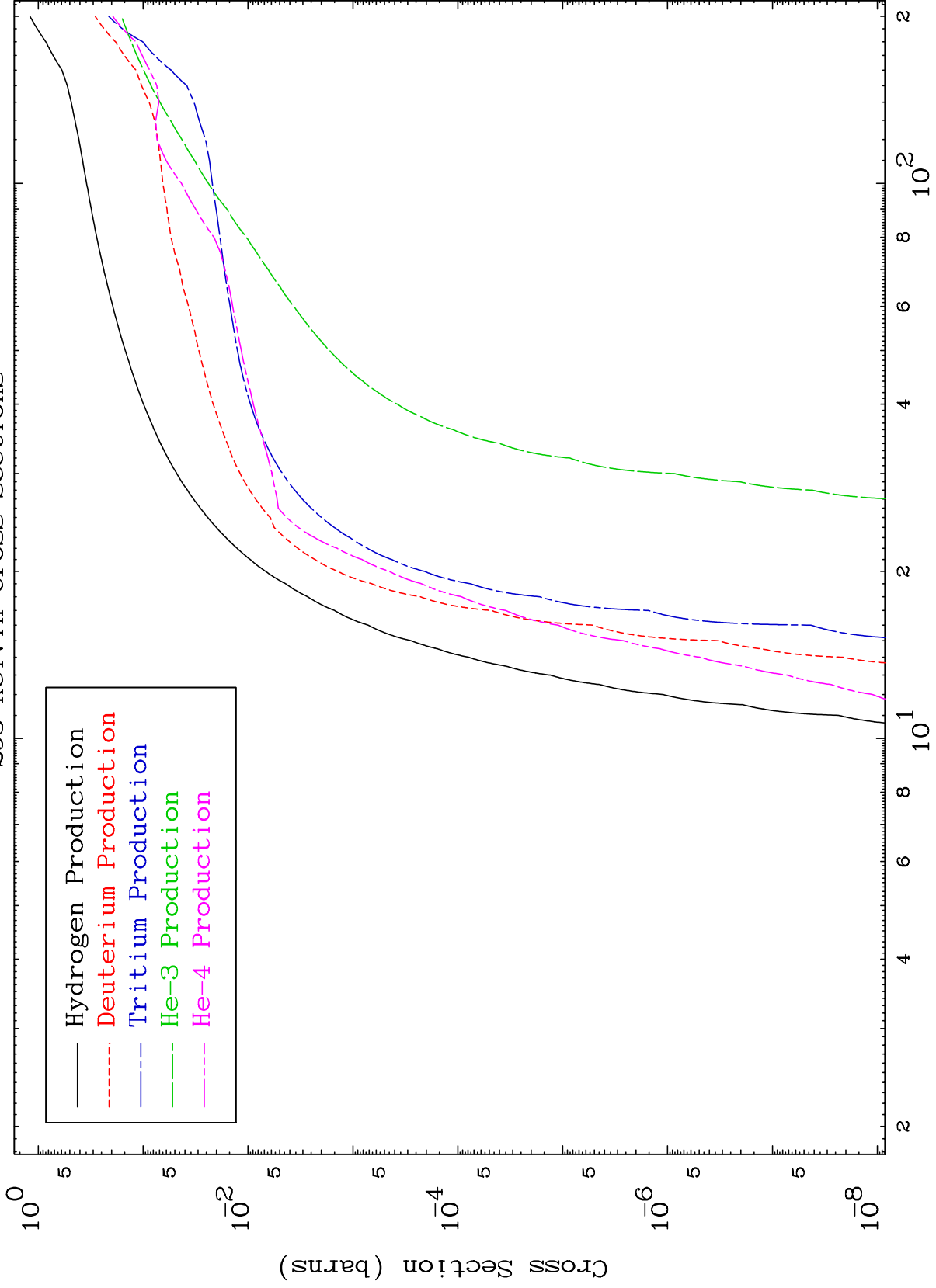
Incident Energy (MeV)

48-Cd-120

MAT 4867

Particle Production
293 Kelvin Cross Sections

48-Cd-120



5

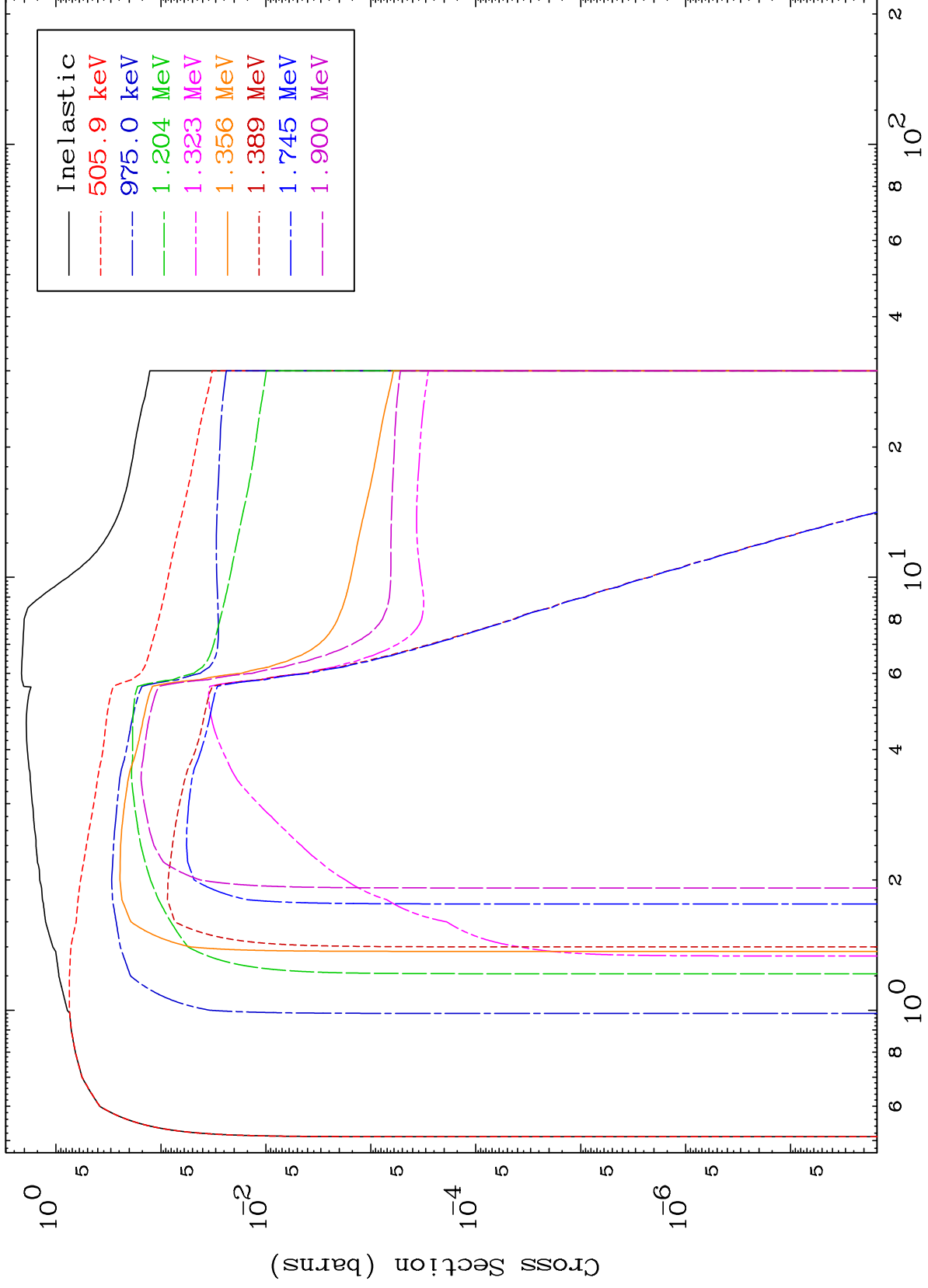
Incident Energy (MeV)

48-Cd-120

MAT 4867

(n,n') Level
293 Kelvin Cross Sections

48-Cd-120



6

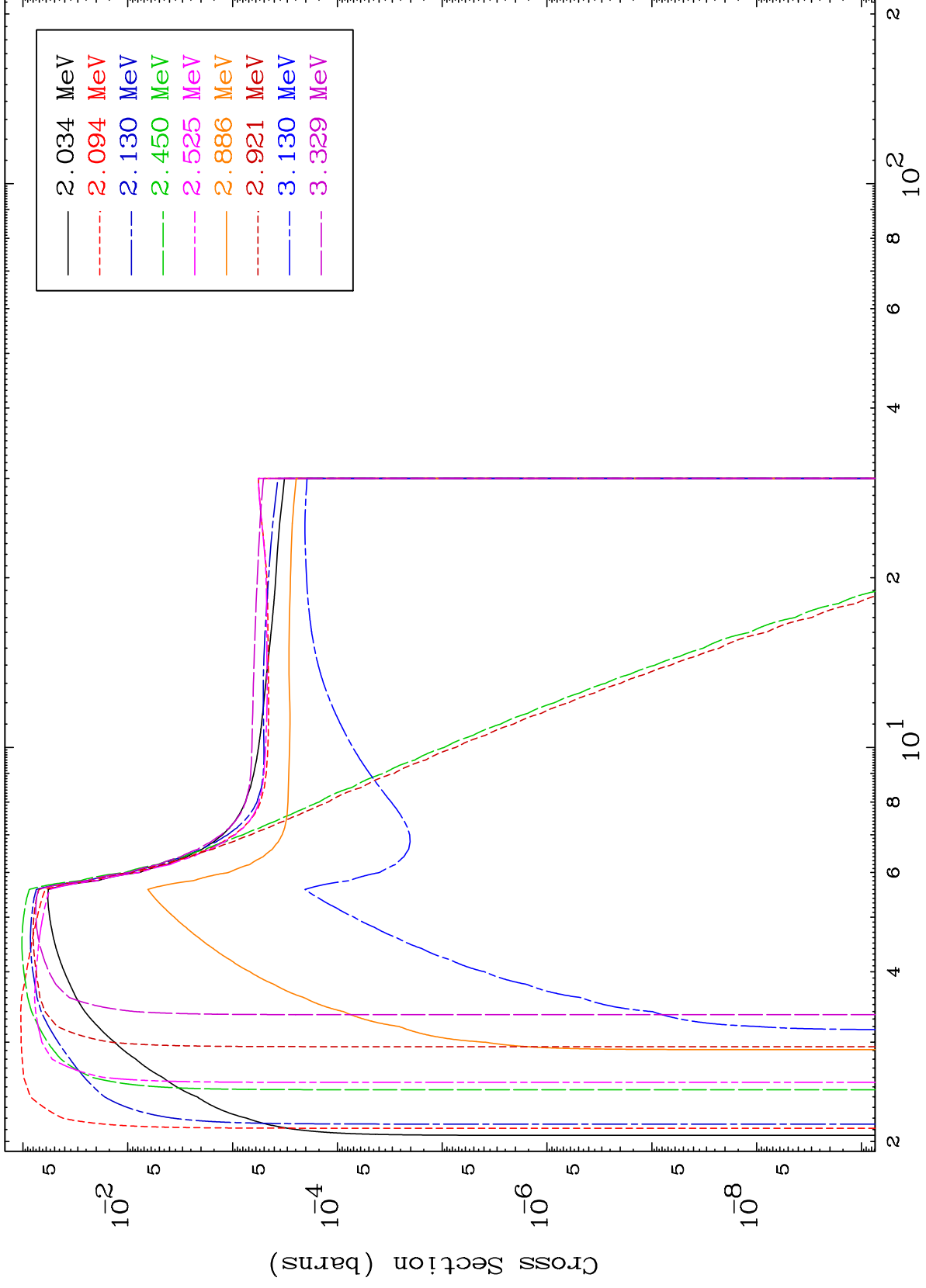
Incident Energy (MeV)

48-Cd-120

MAT 4867

(n,n') Level
293 Kelvin Cross Sections

48-Cd-120



7

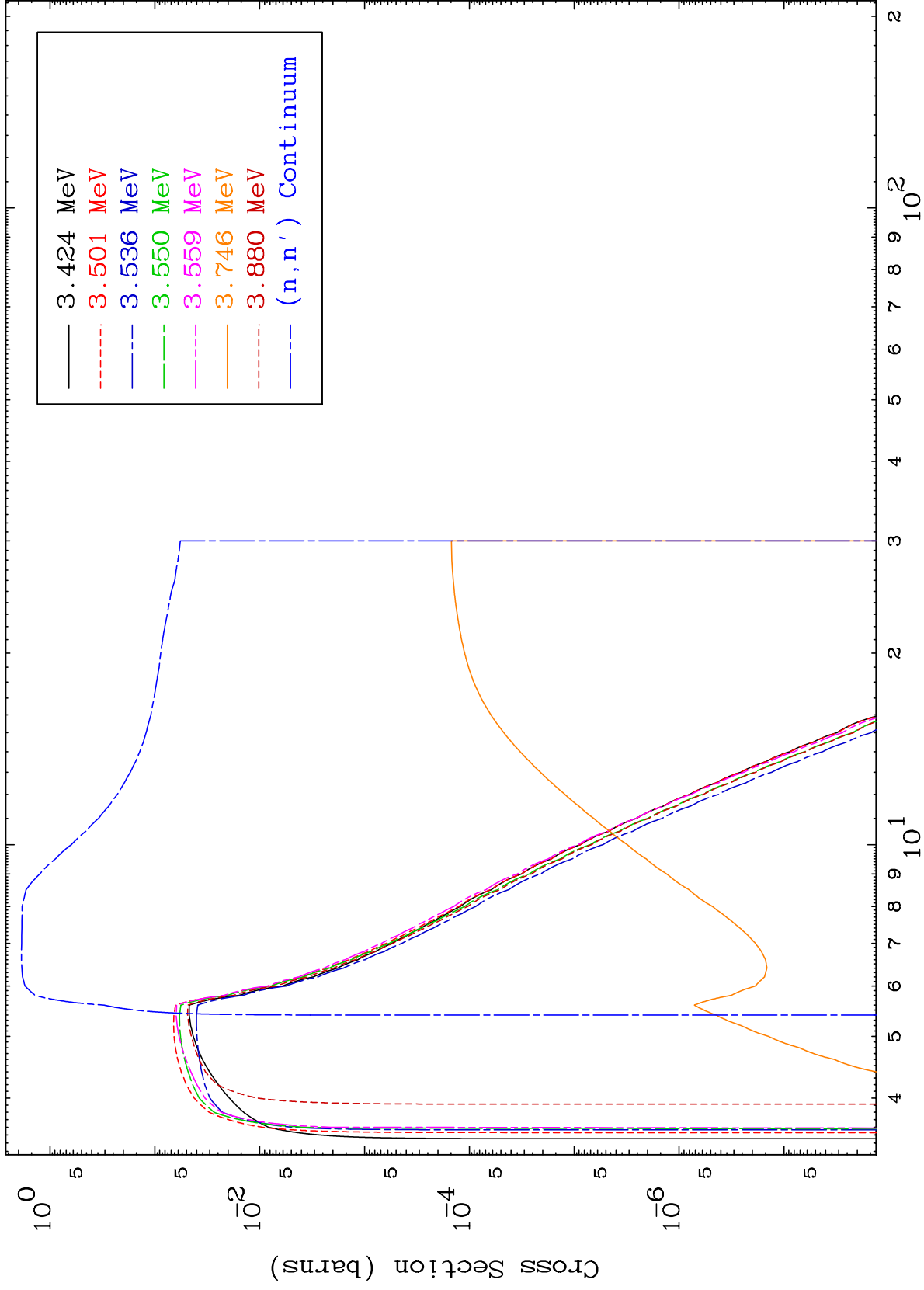
Incident Energy (MeV)

48-Cd-120

MAT 4867

(n,n') Level
293 Kelvin Cross Sections

48-Cd-120



8

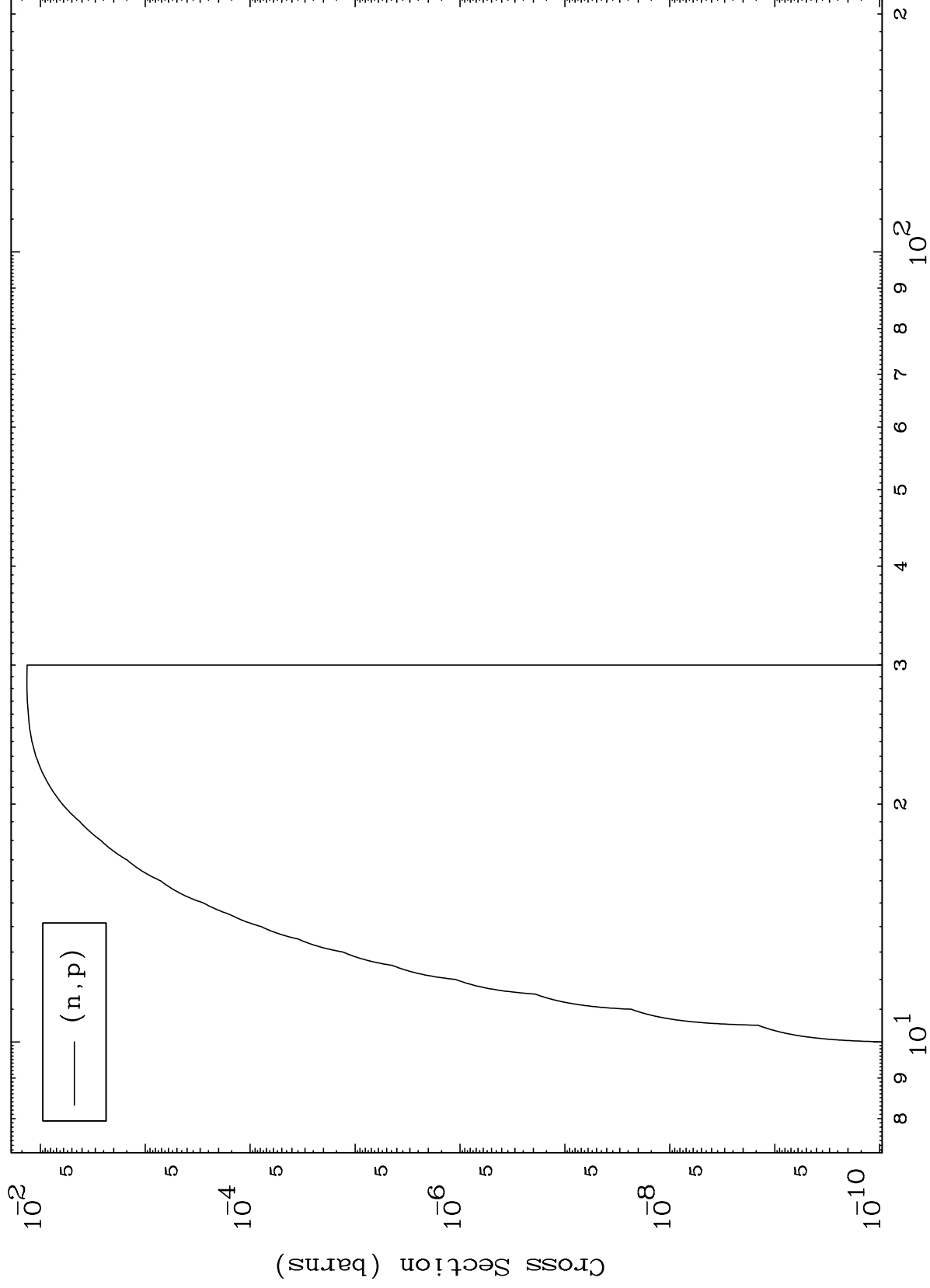
Incident Energy (MeV)

48-Cd-120

MAT 4867

(n,p) Levels
293 Kelvin Cross Sections

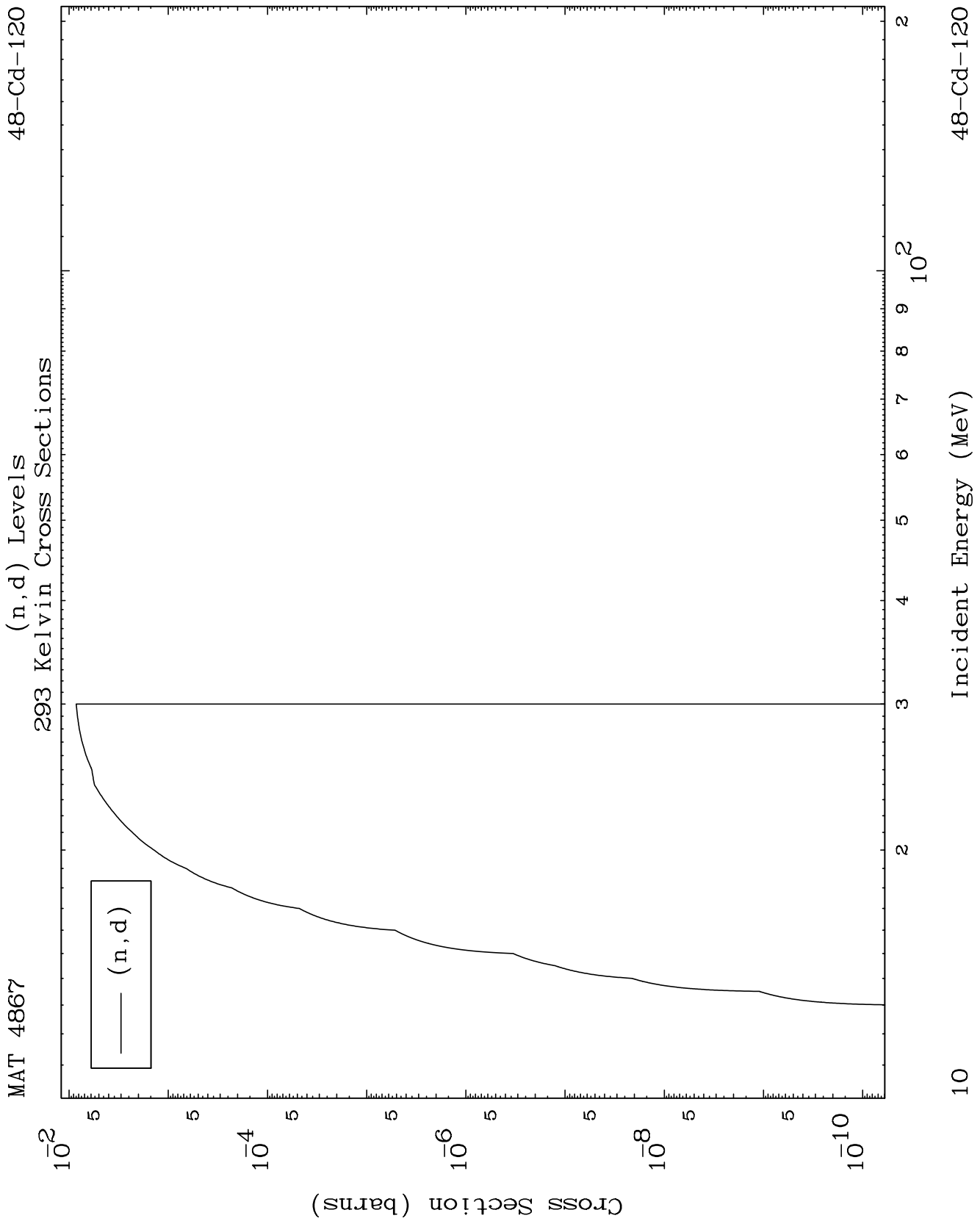
48-Cd-120



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Incident Energy (MeV)

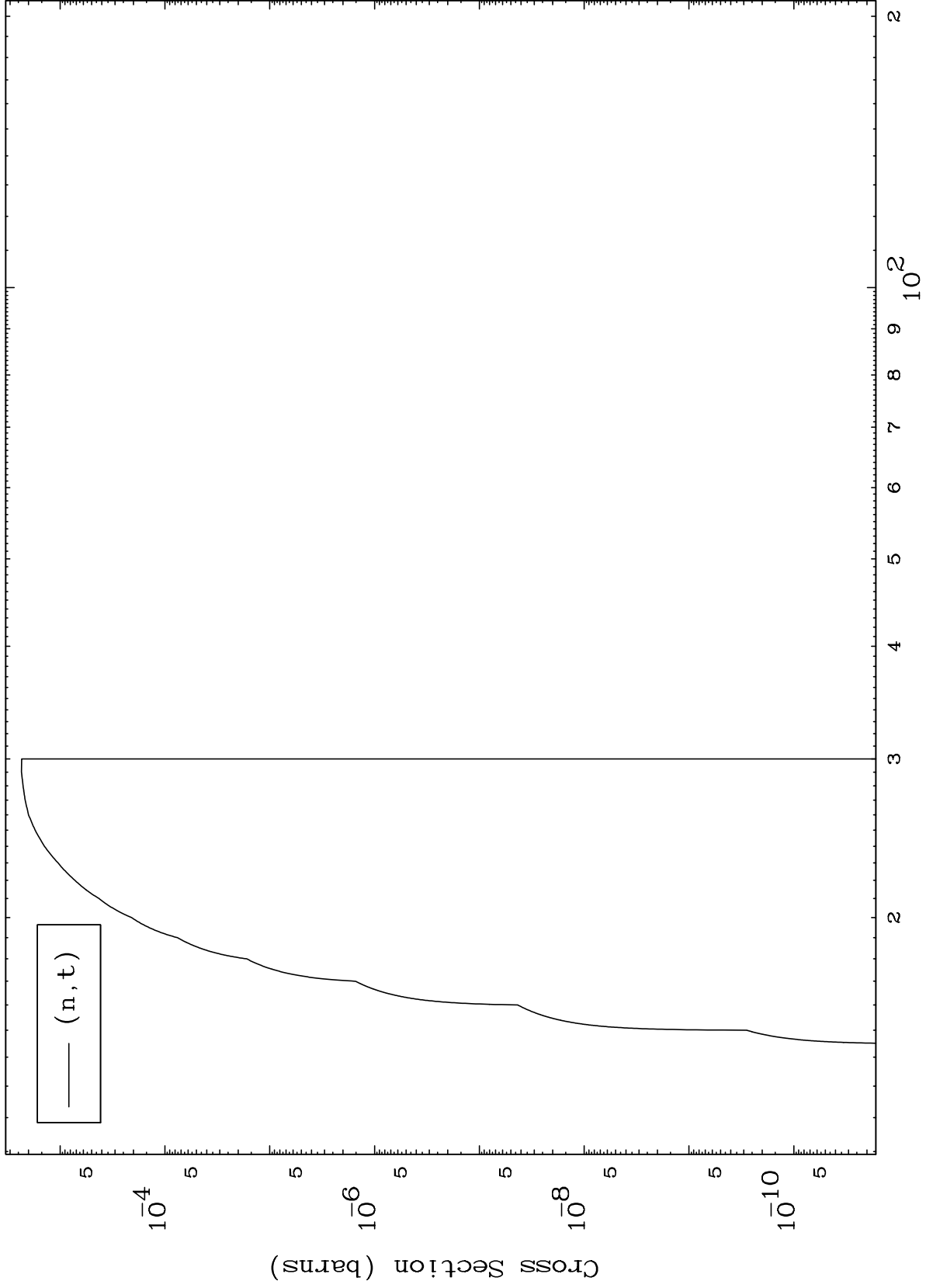
48-Cd-120



MAT 4867

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-120



11

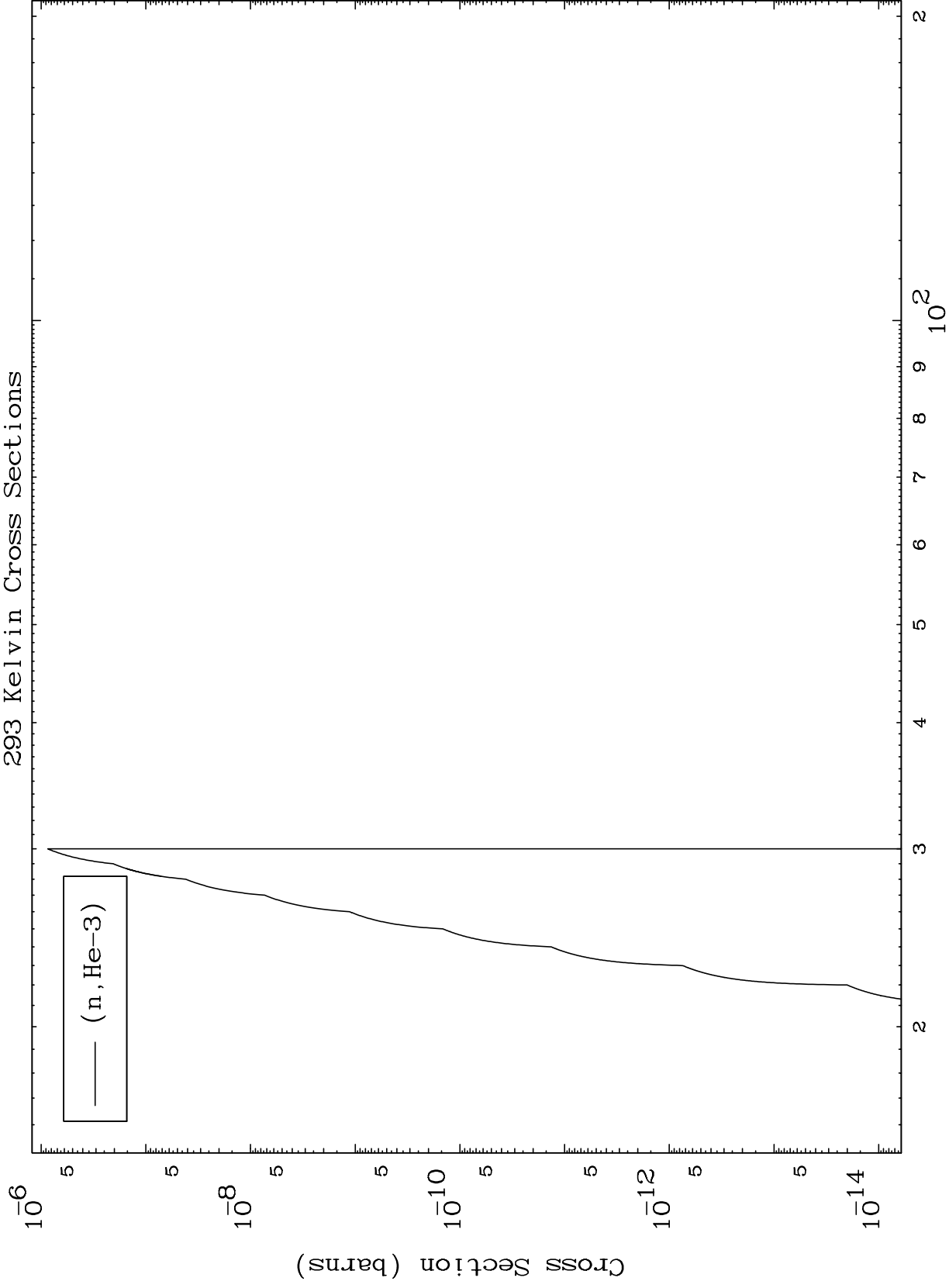
Incident Energy (MeV)

48-Cd-120

MAT 4867

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-120



12

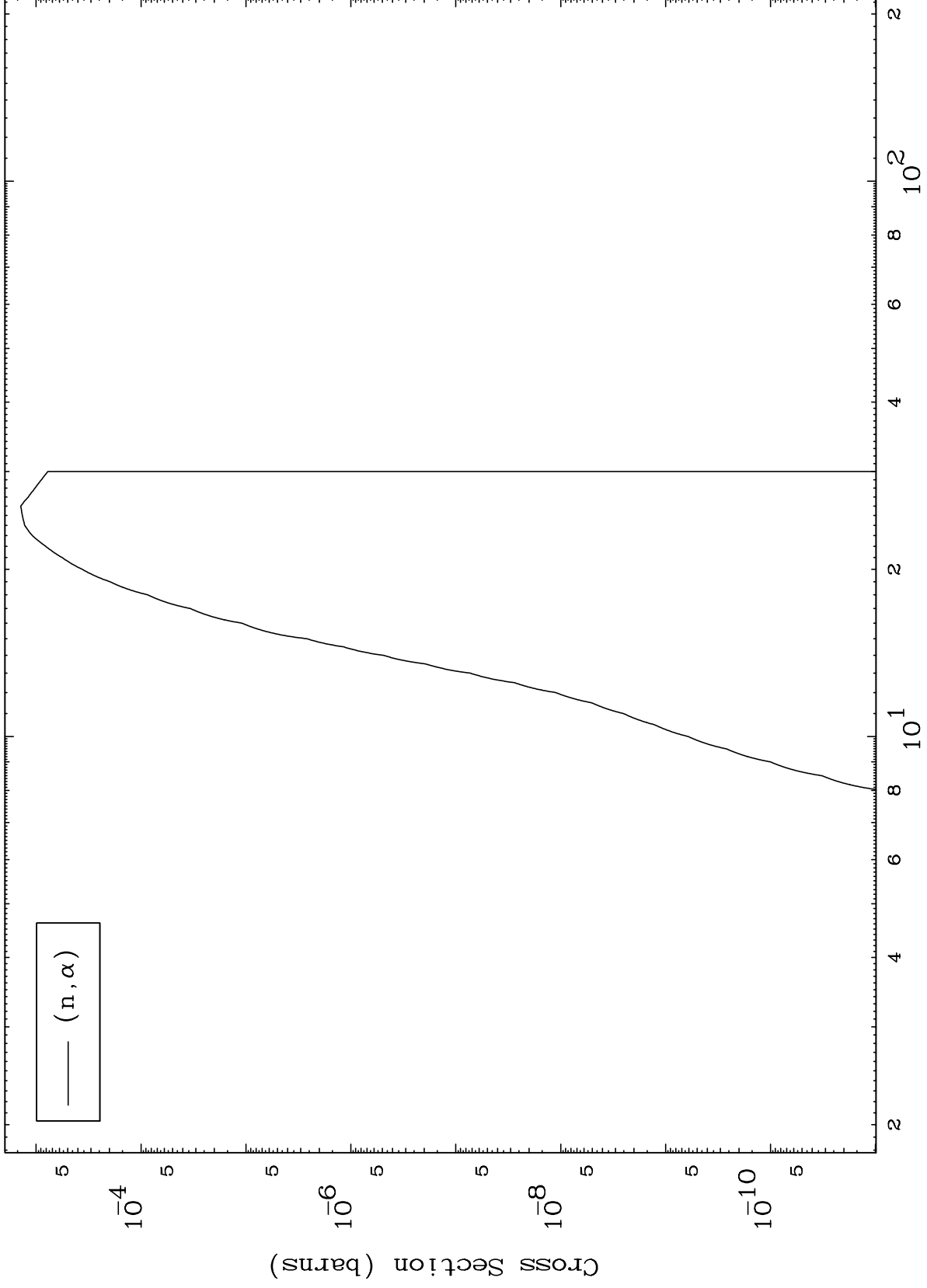
Incident Energy (MeV)

48-Cd-120

MAT 4867

(n, α) Levels
293 Kelvin Cross Sections

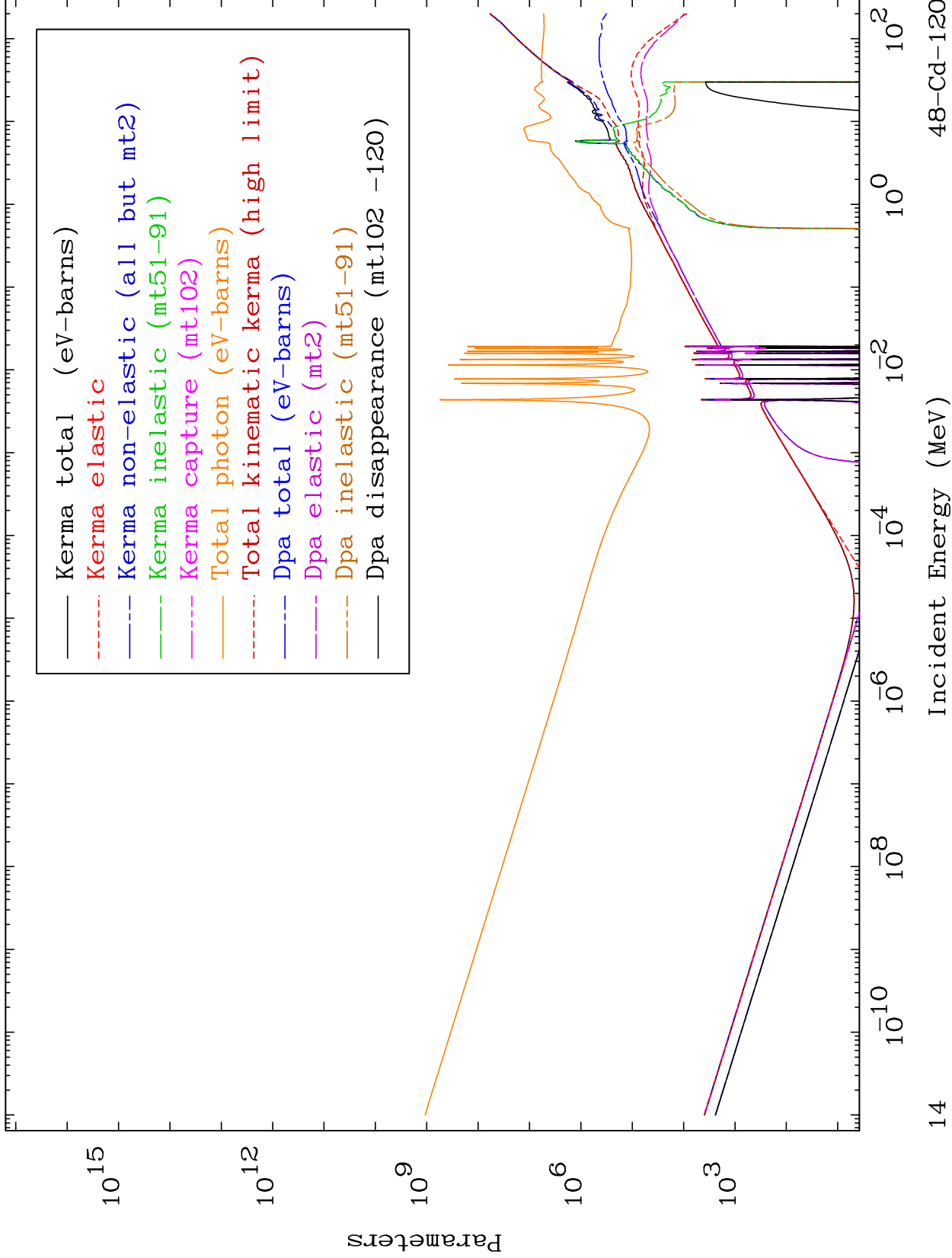
48-Cd-120



13

Incident Energy (MeV)

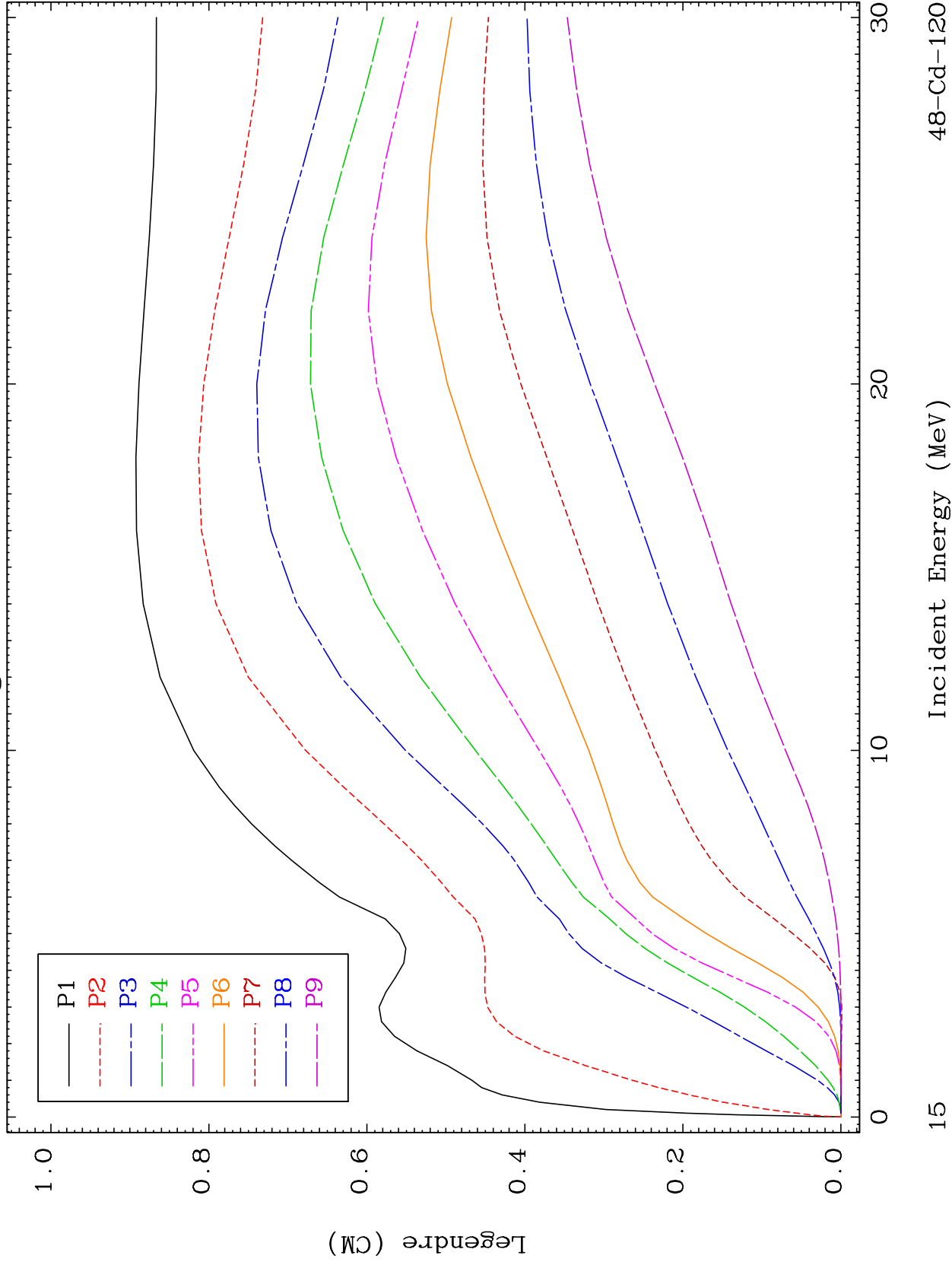
48-Cd-120

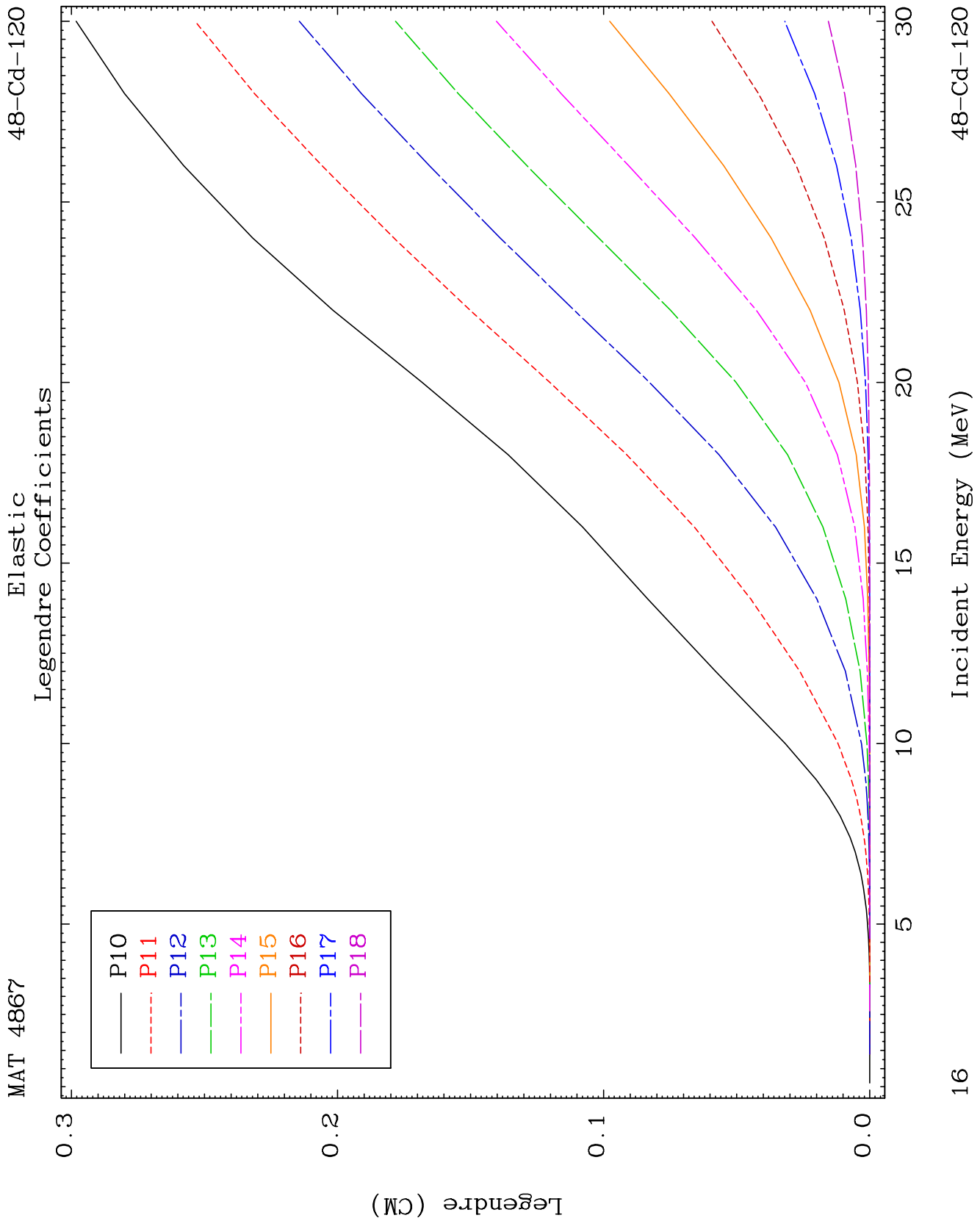


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Elastic Legendre Coefficients

48-Cd-120

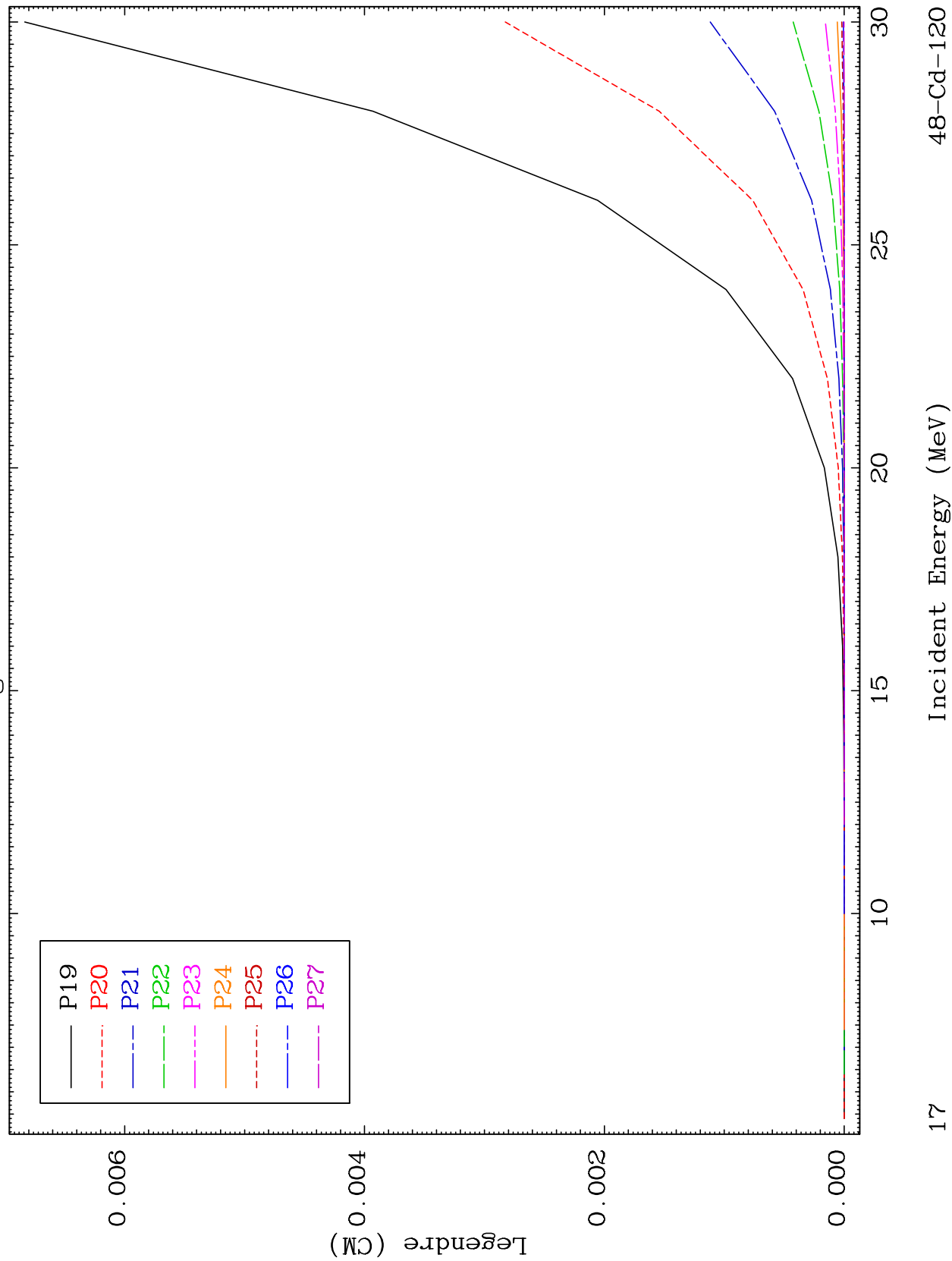




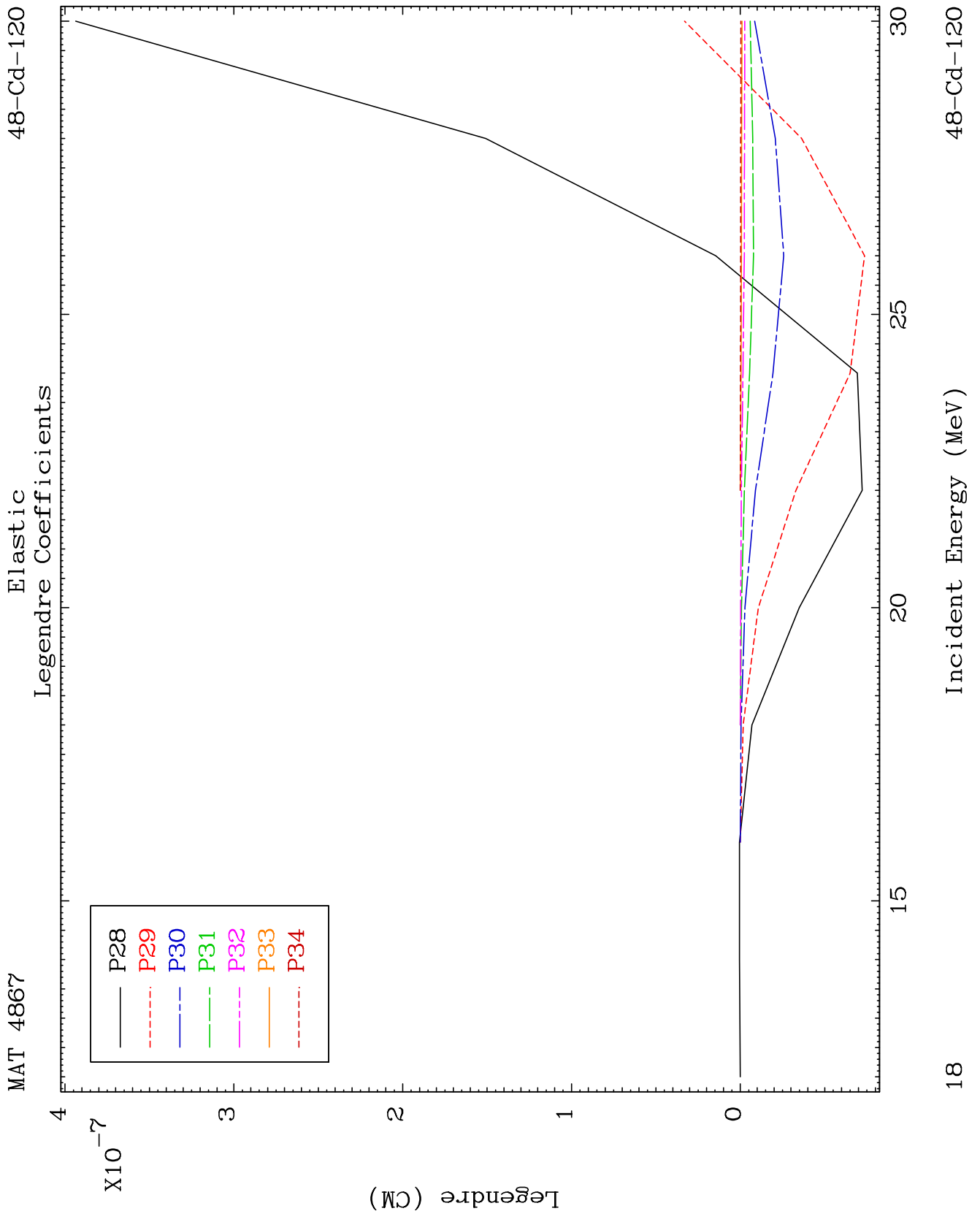
MAT 4867

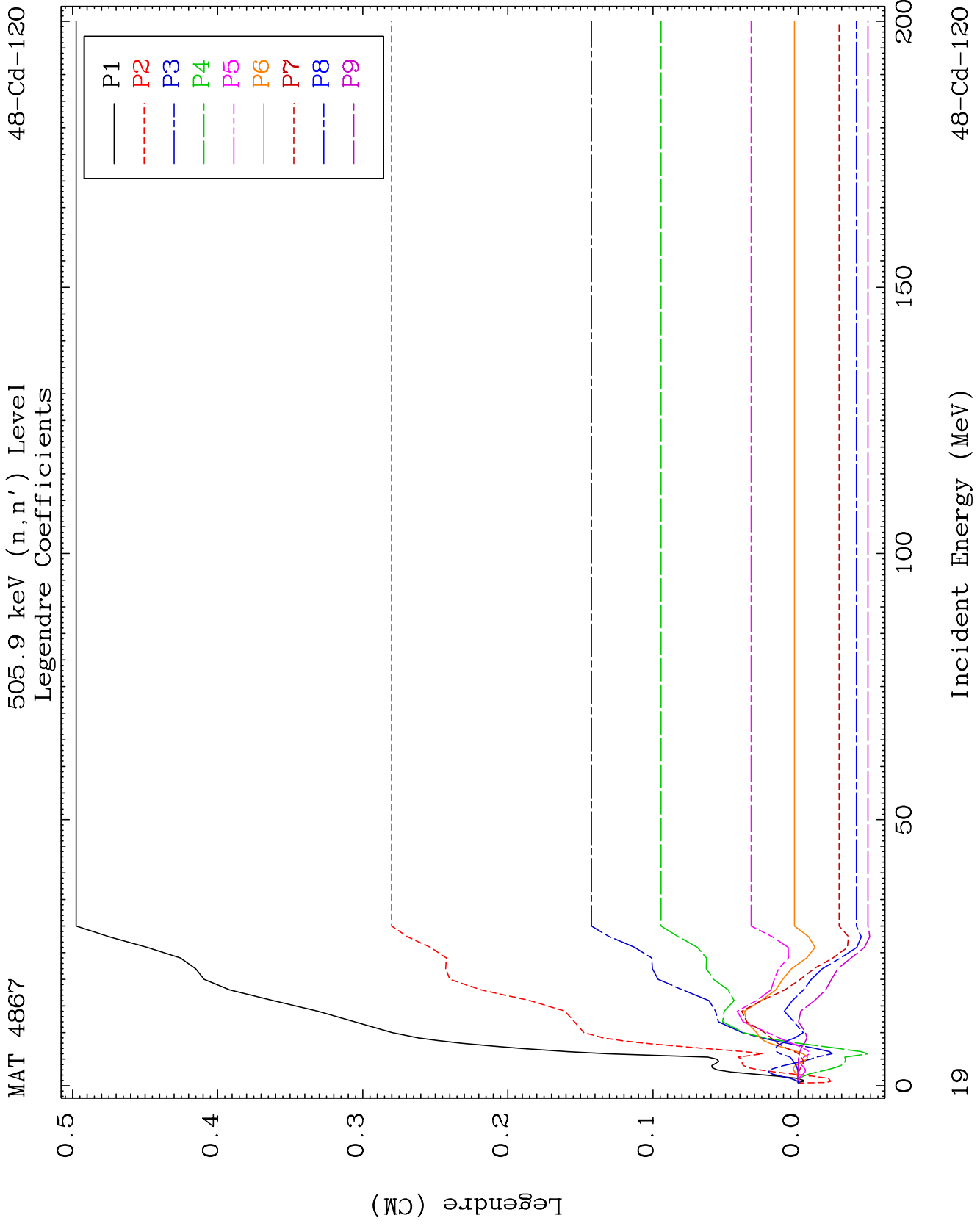
Elastic Legendre Coefficients

48-Cd-120



17

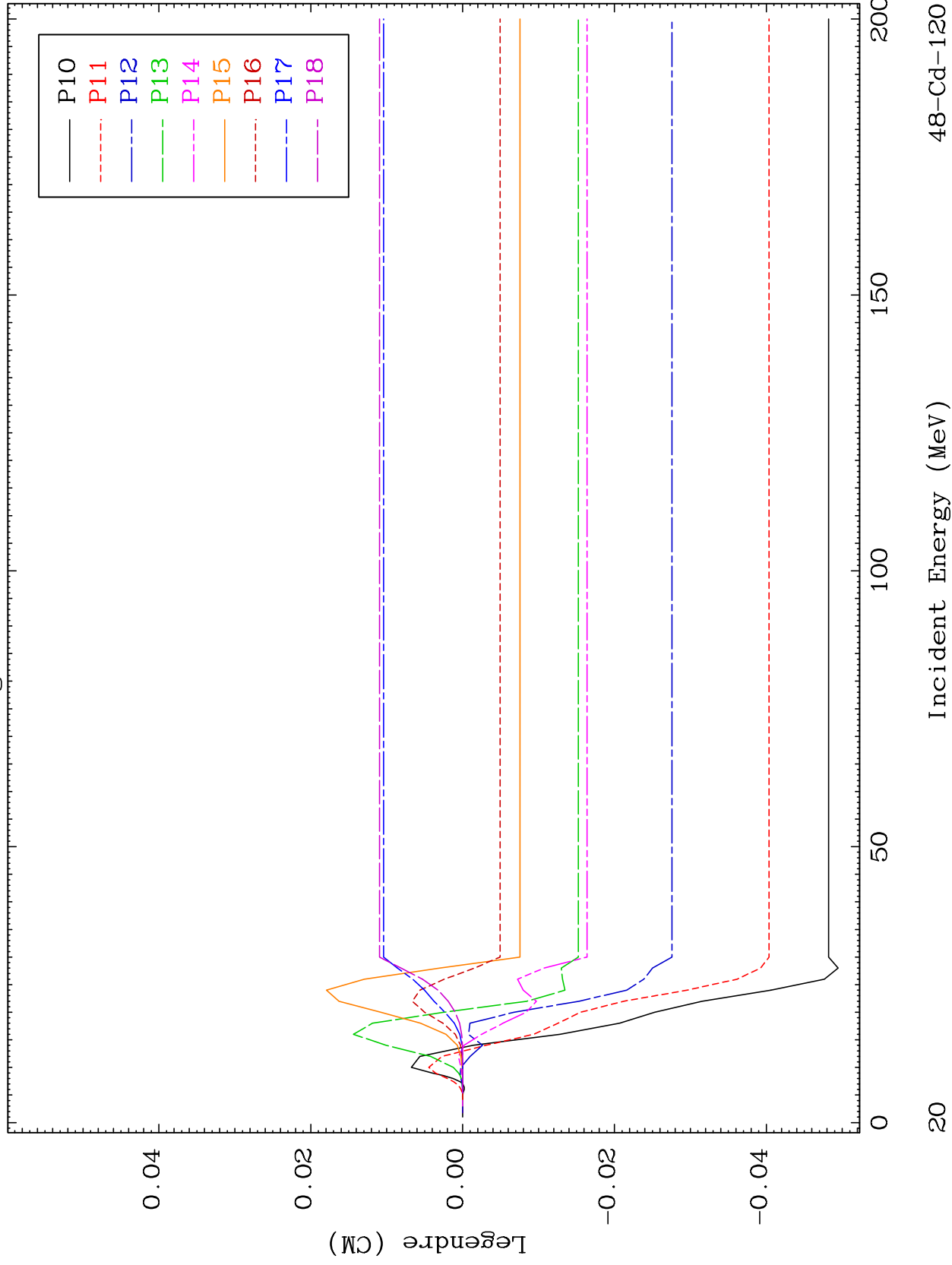




MAT 4867

505.9 keV (n, n') Level
Legendre Coefficients

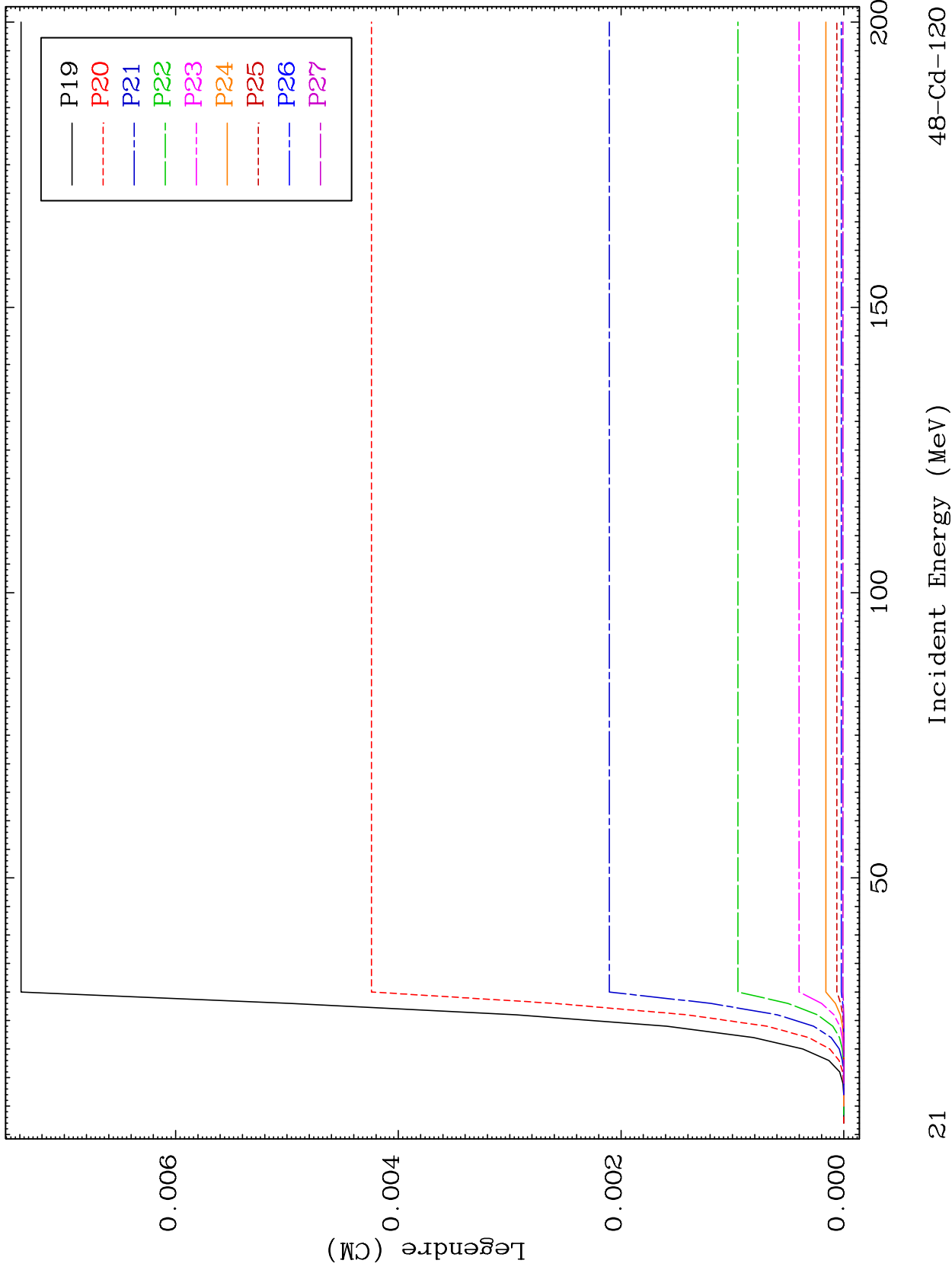
48-Cd-120



MAT 4867

505.9 keV (n,n') Level
Legendre Coefficients

48-Cd-120



21

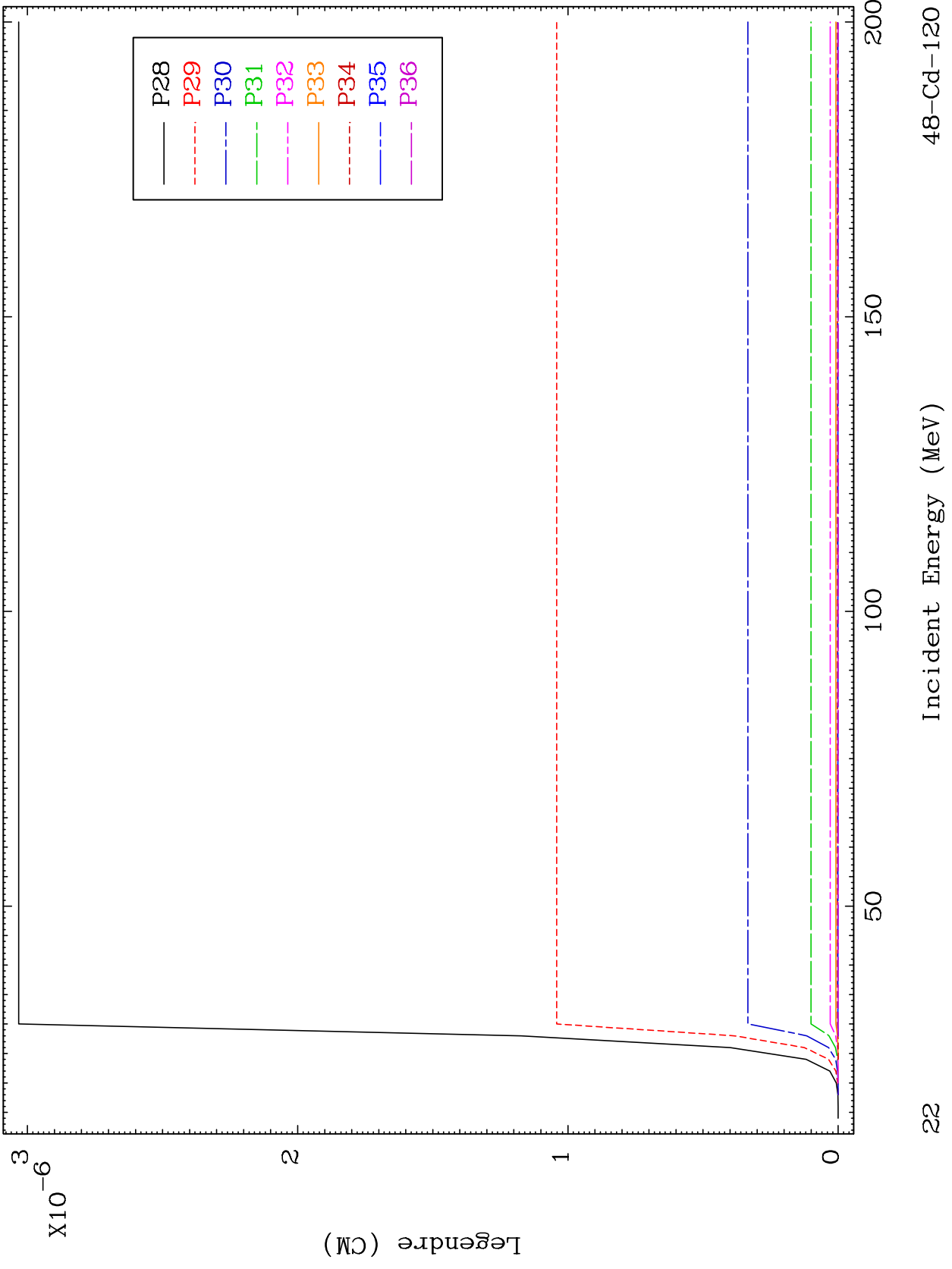
Incident Energy (MeV)

48-Cd-120

MAT 4867

505.9 keV (n, n') Level
Legendre Coefficients

48-Cd-120

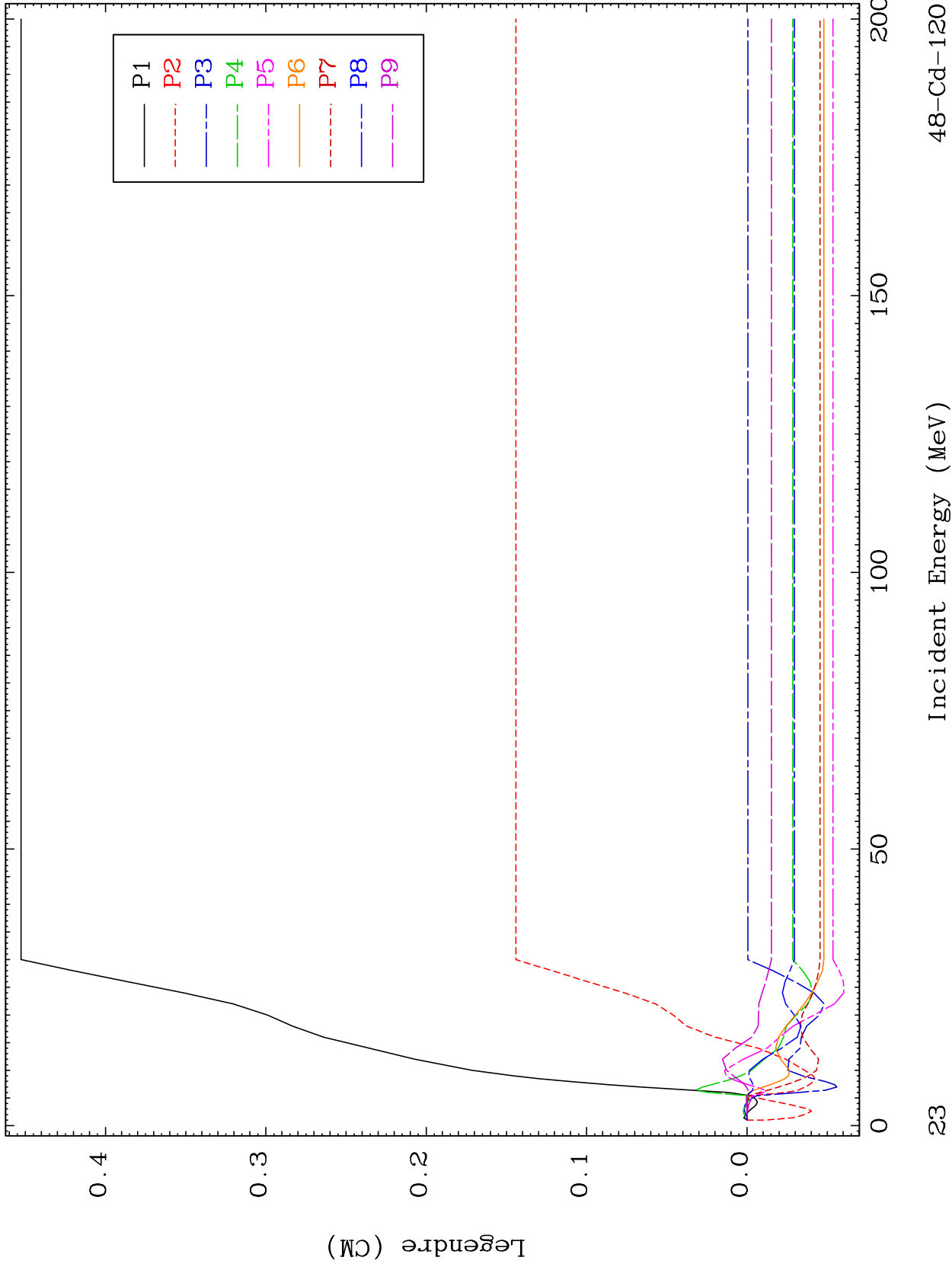


22

MAT 4867

975.0 keV (n,n') Level
Legendre Coefficients

48-Cd-120



23

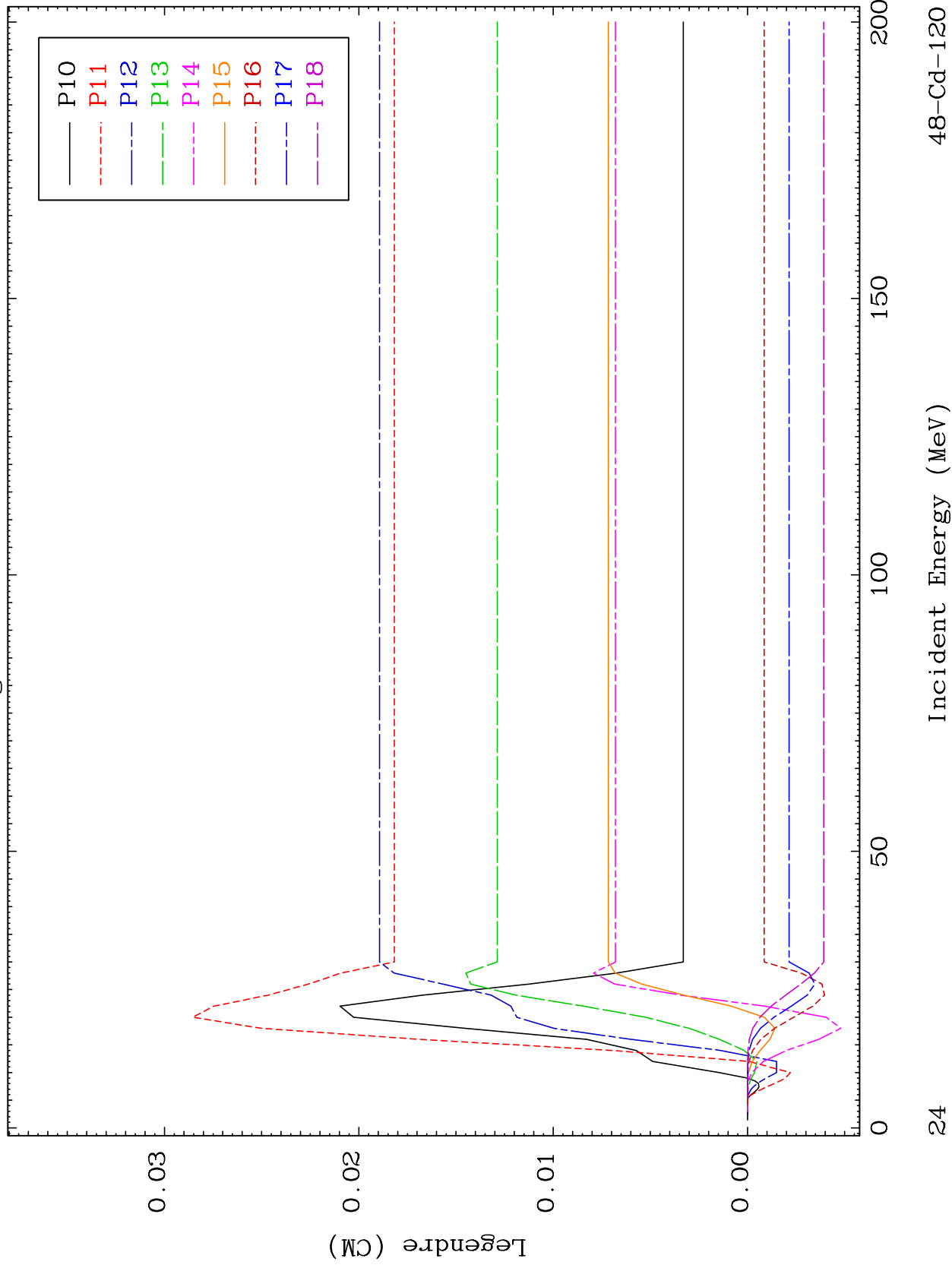
Incident Energy (MeV)

48-Cd-120

MAT 4867

975.0 keV (n,n') Level
Legendre Coefficients

48-Cd-120



24

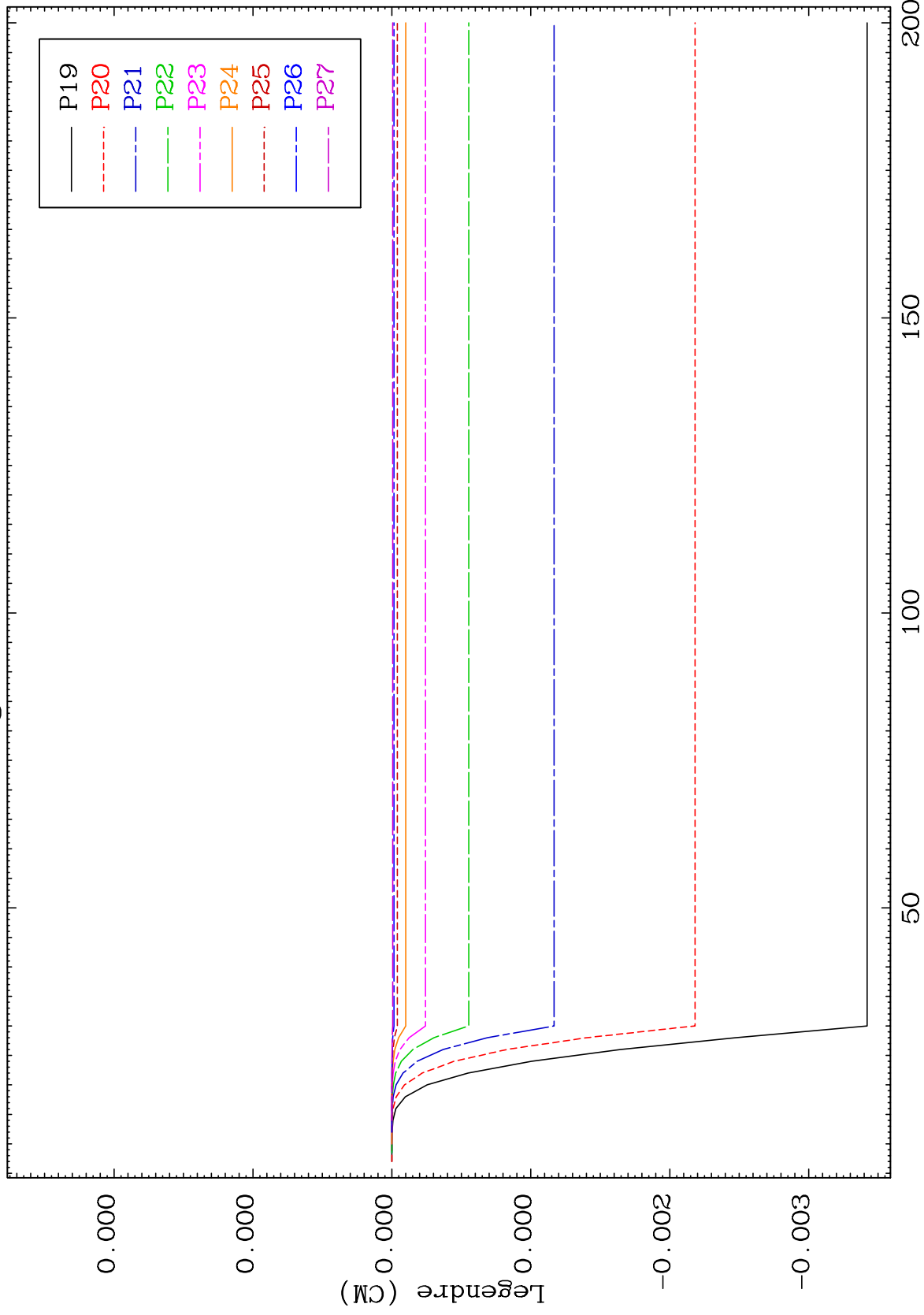
Incident Energy (MeV)

48-Cd-120

MAT 4867

975.0 keV (n,n') Level
Legendre Coefficients

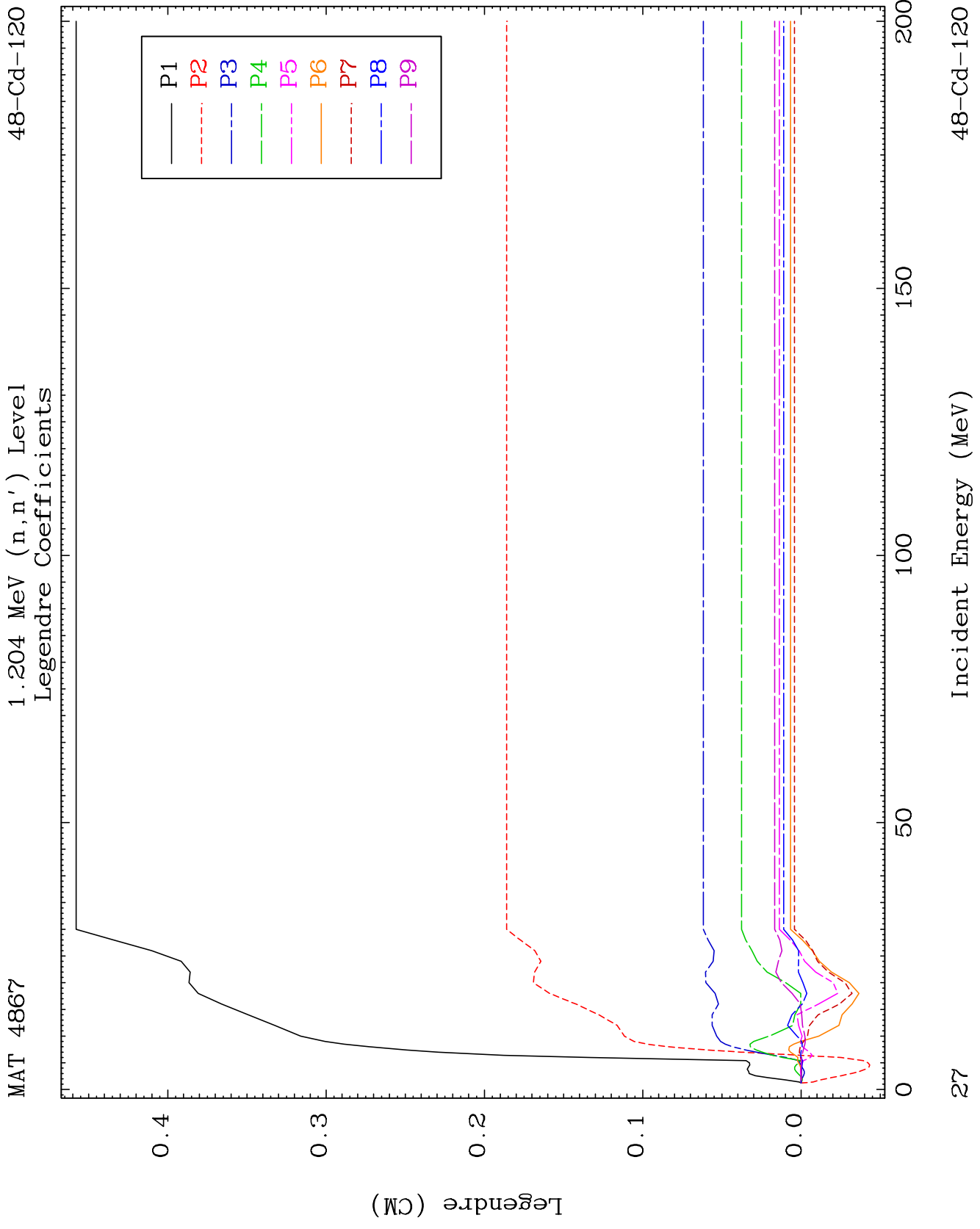
48-Cd-120



25

Incident Energy (MeV)

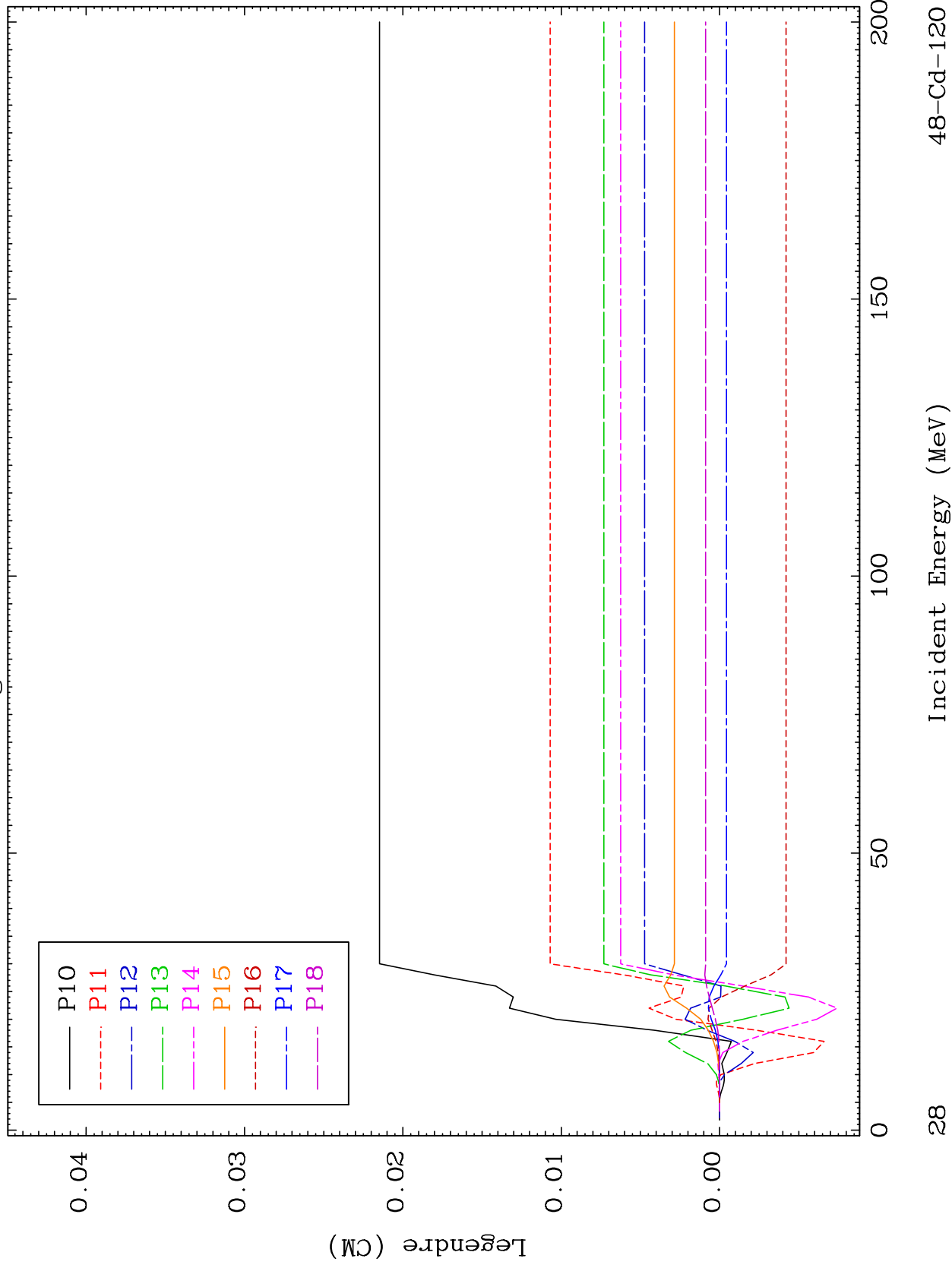
48-Cd-120



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1.204 MeV (n,n') Level
Legendre Coefficients

48-Cd-120



48-Cd-120

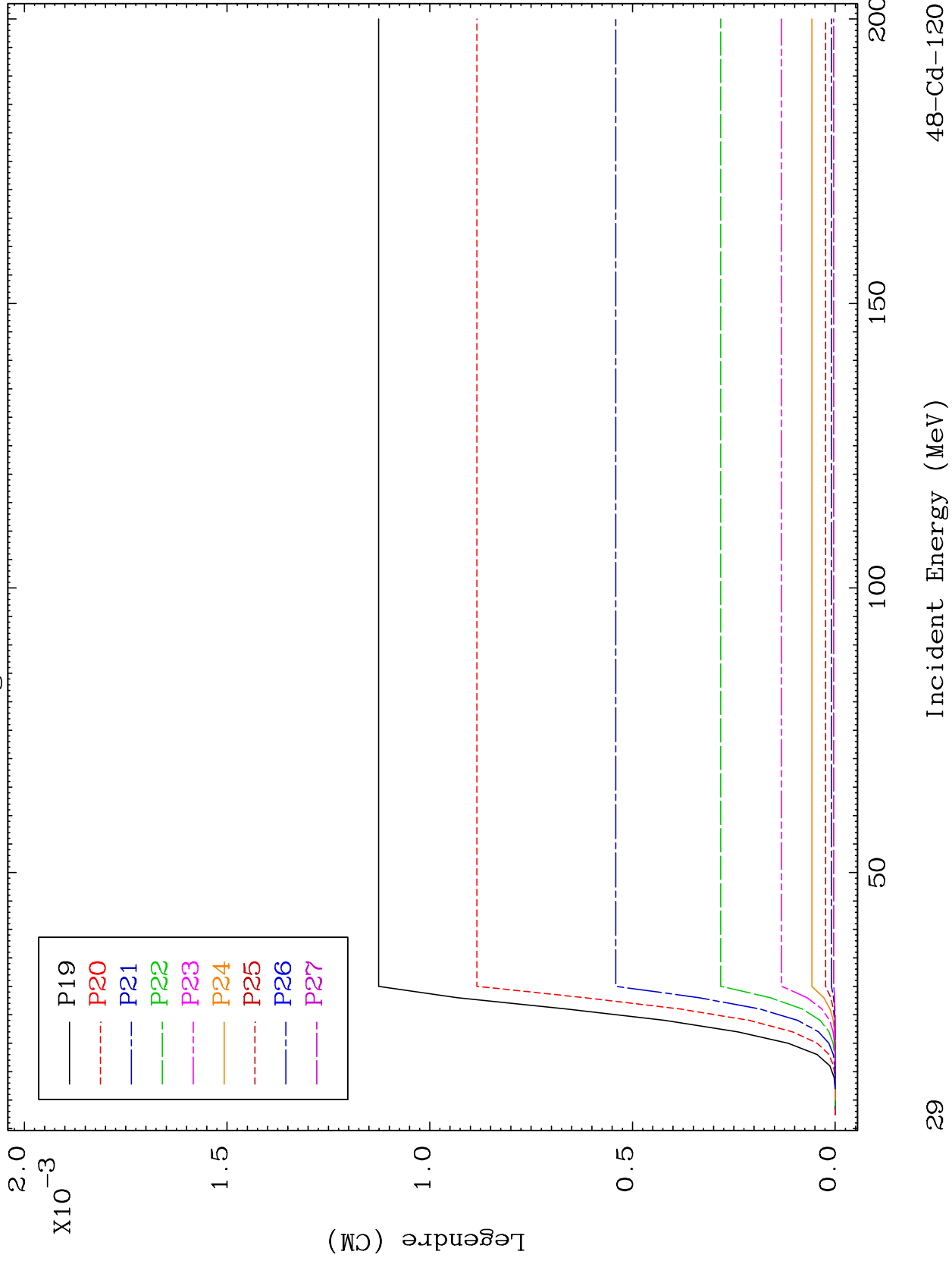
Incident Energy (MeV)

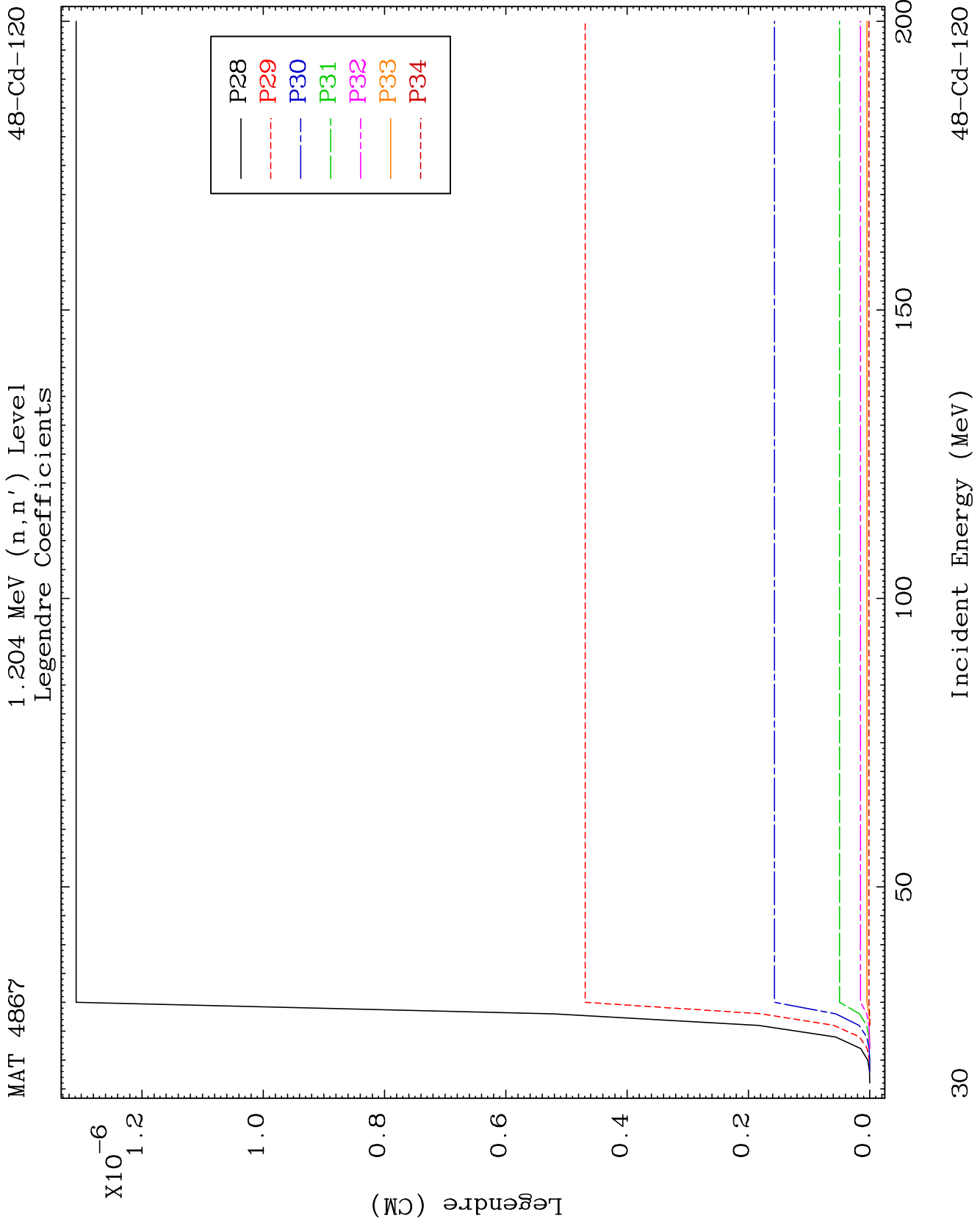
28

MAT 4867

1.204 MeV (n,n') Level
Legendre Coefficients

48-Cd-120

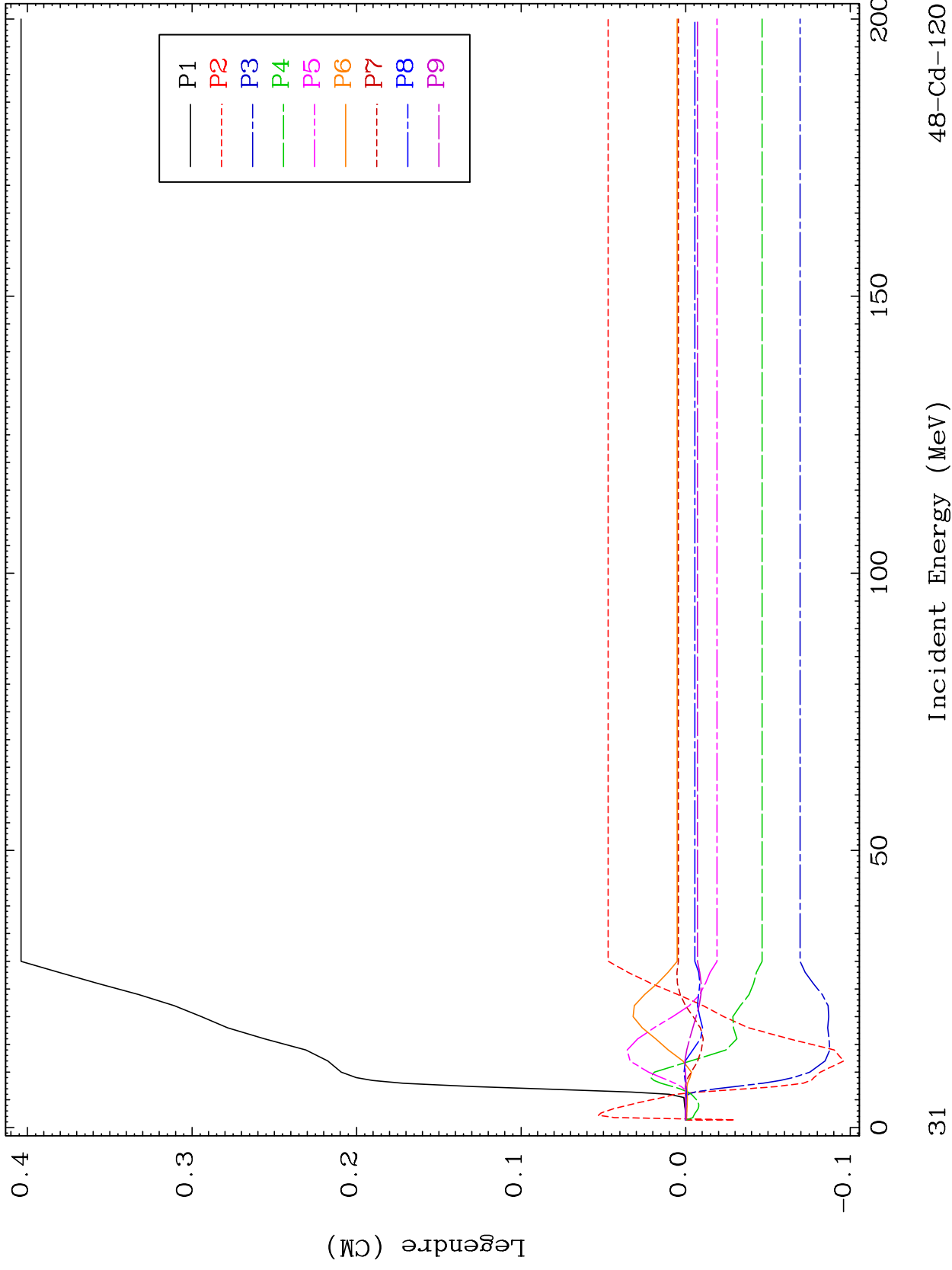




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1.323 MeV (n,n') Level
Legendre Coefficients

48-Cd-120



31

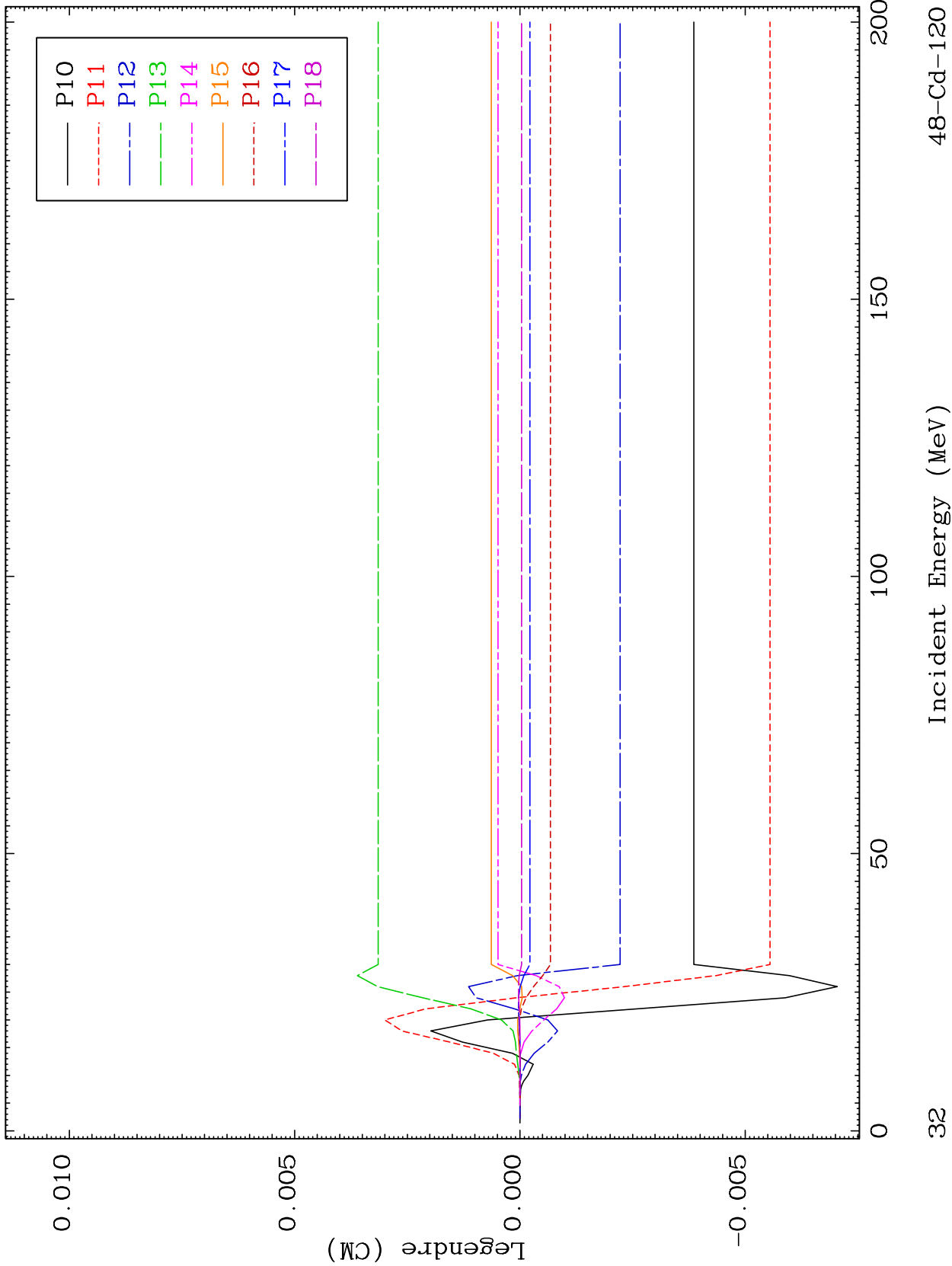
Incident Energy (MeV)

48-Cd-120

MAT 4867

1.323 MeV (n,n') Level
Legendre Coefficients

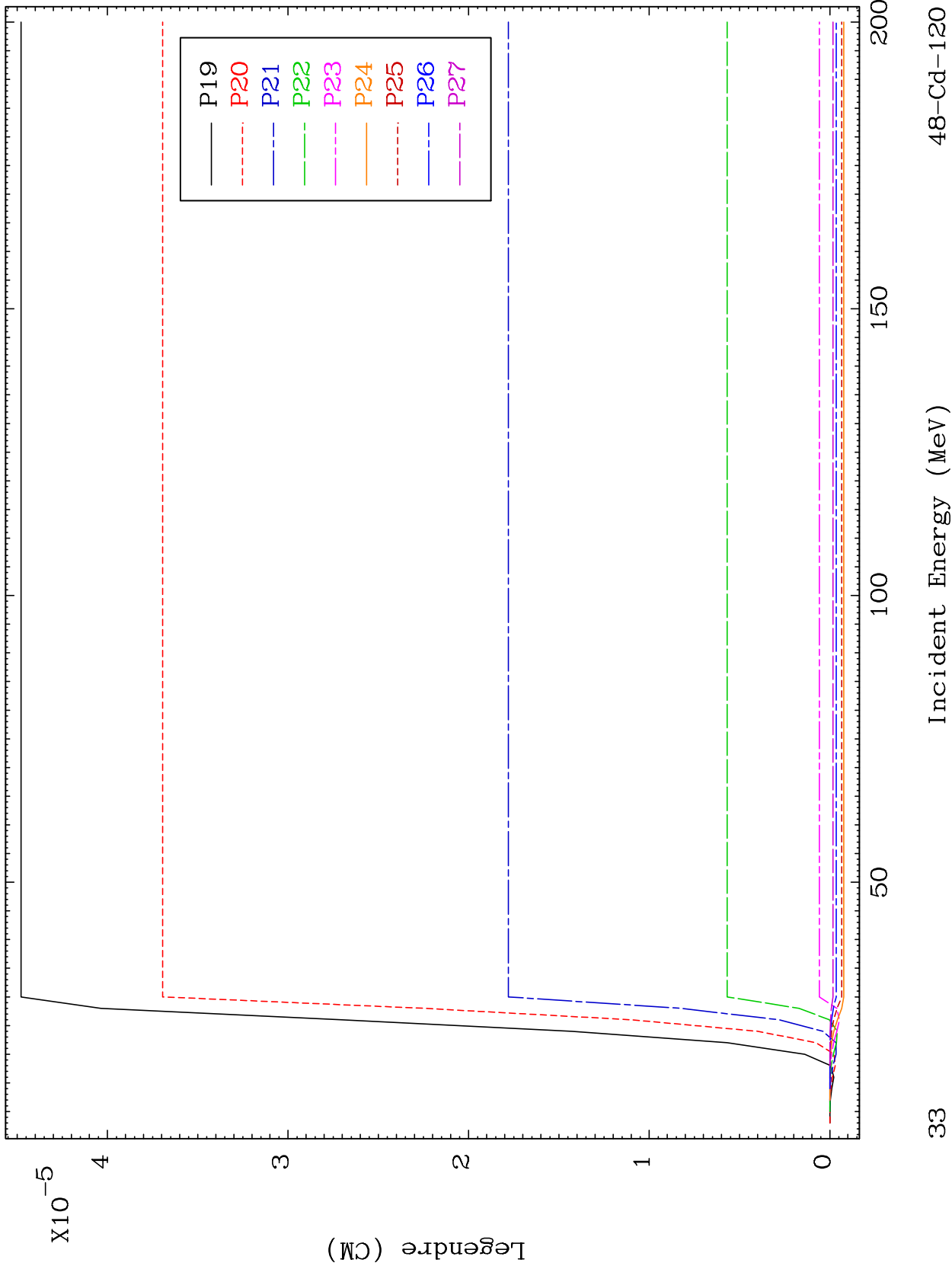
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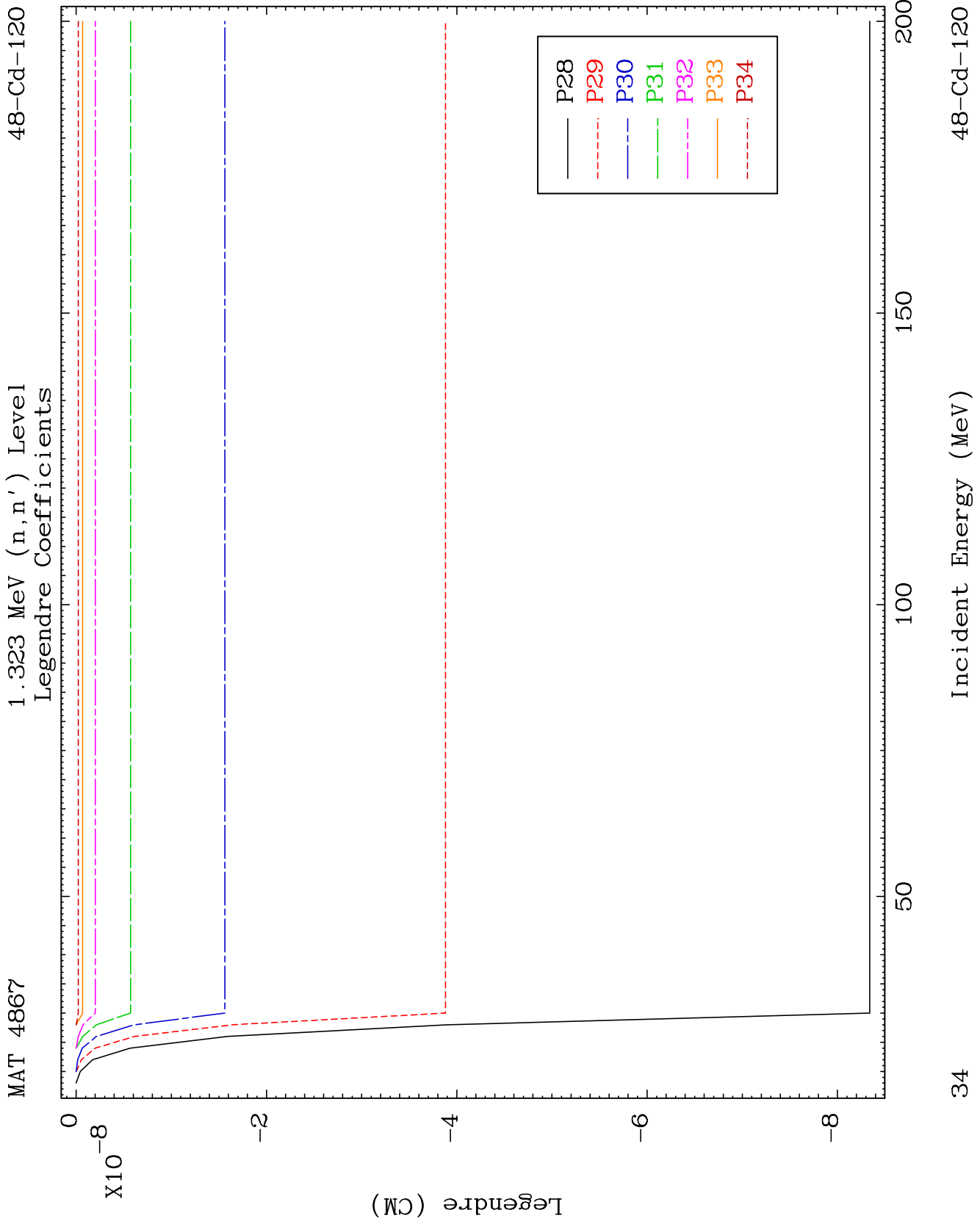


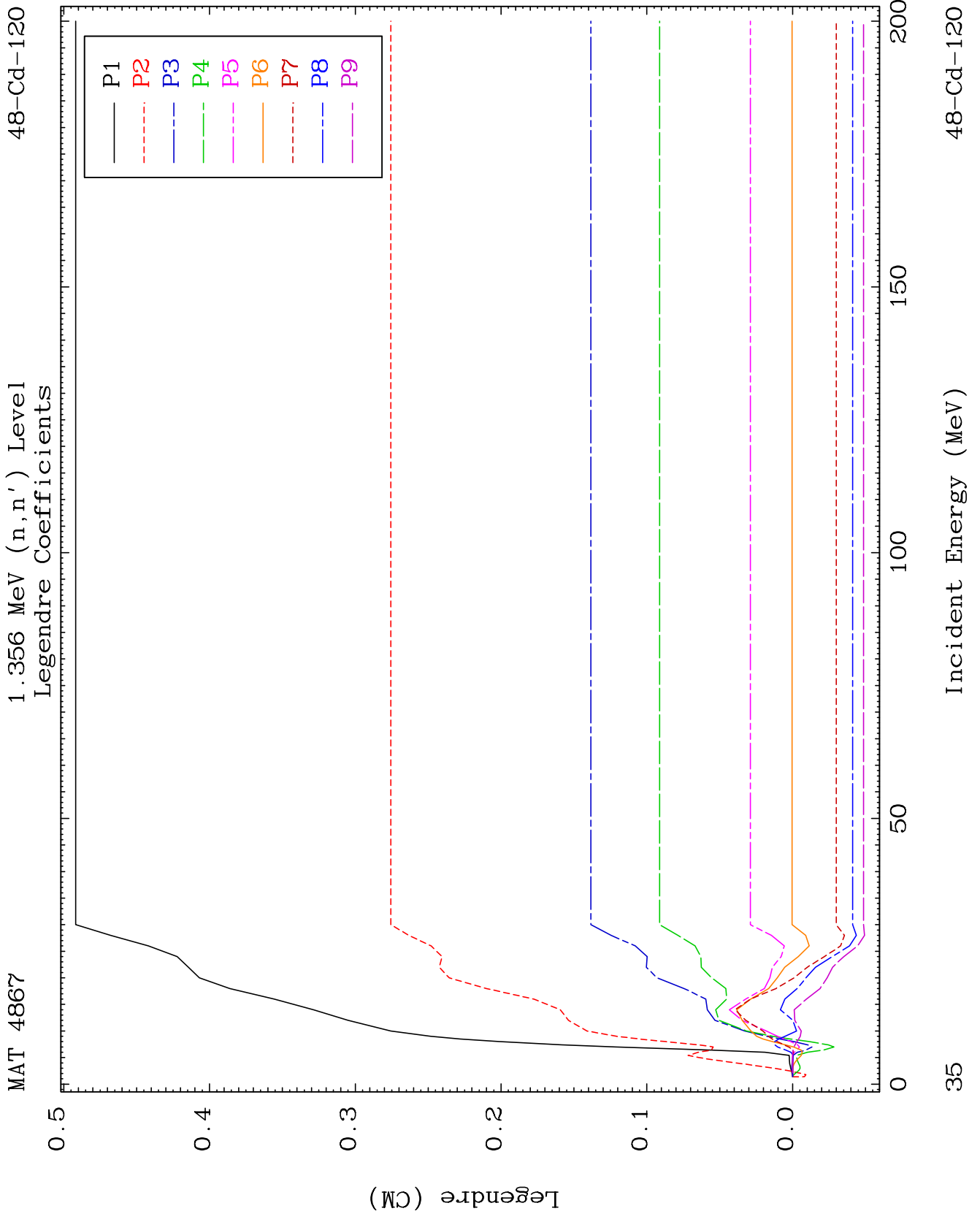
32

Incident Energy (MeV)

48-Cd-120



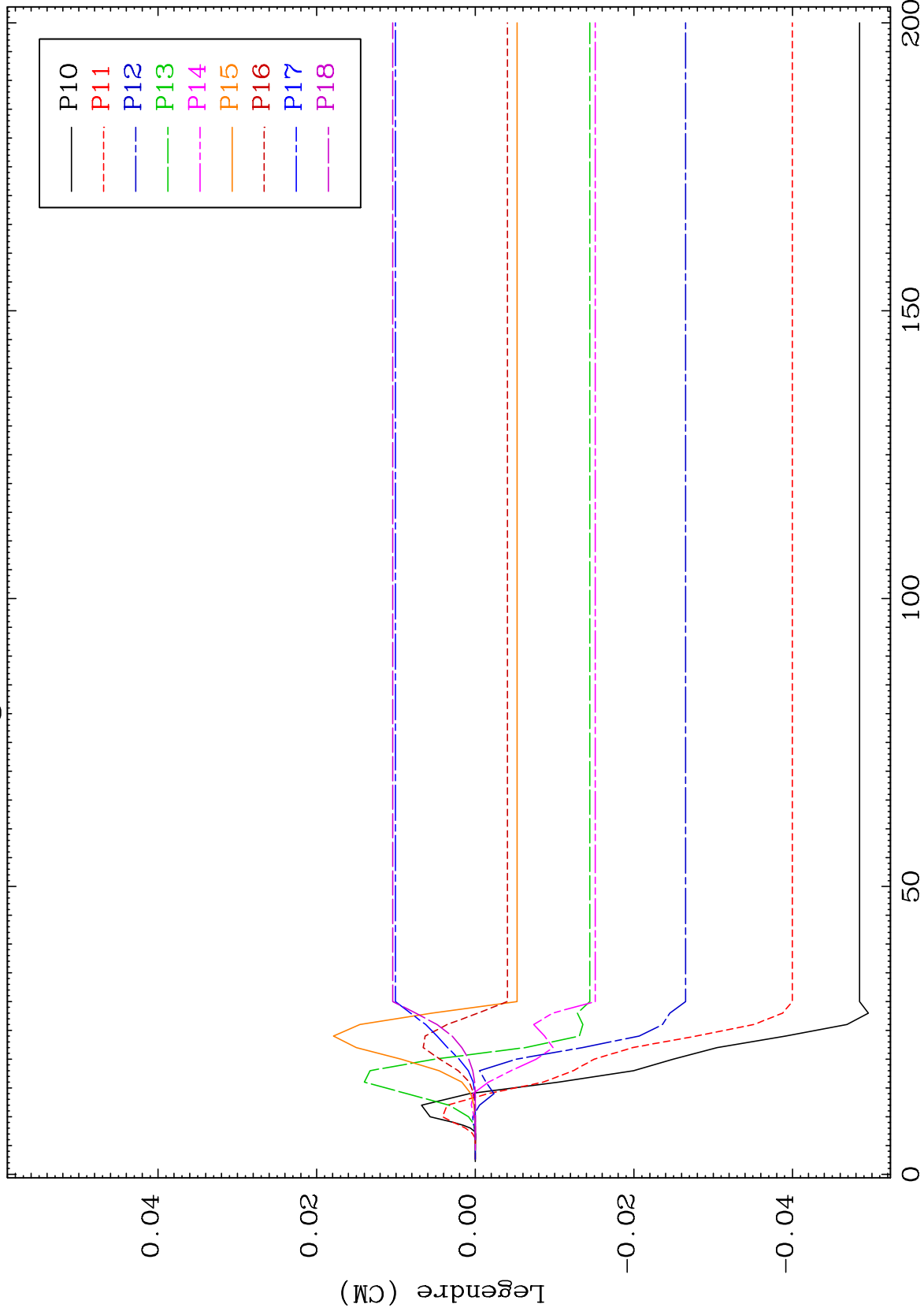




MAT 4867

1.356 MeV (n,n') Level
Legendre Coefficients

48-Cd-120



36

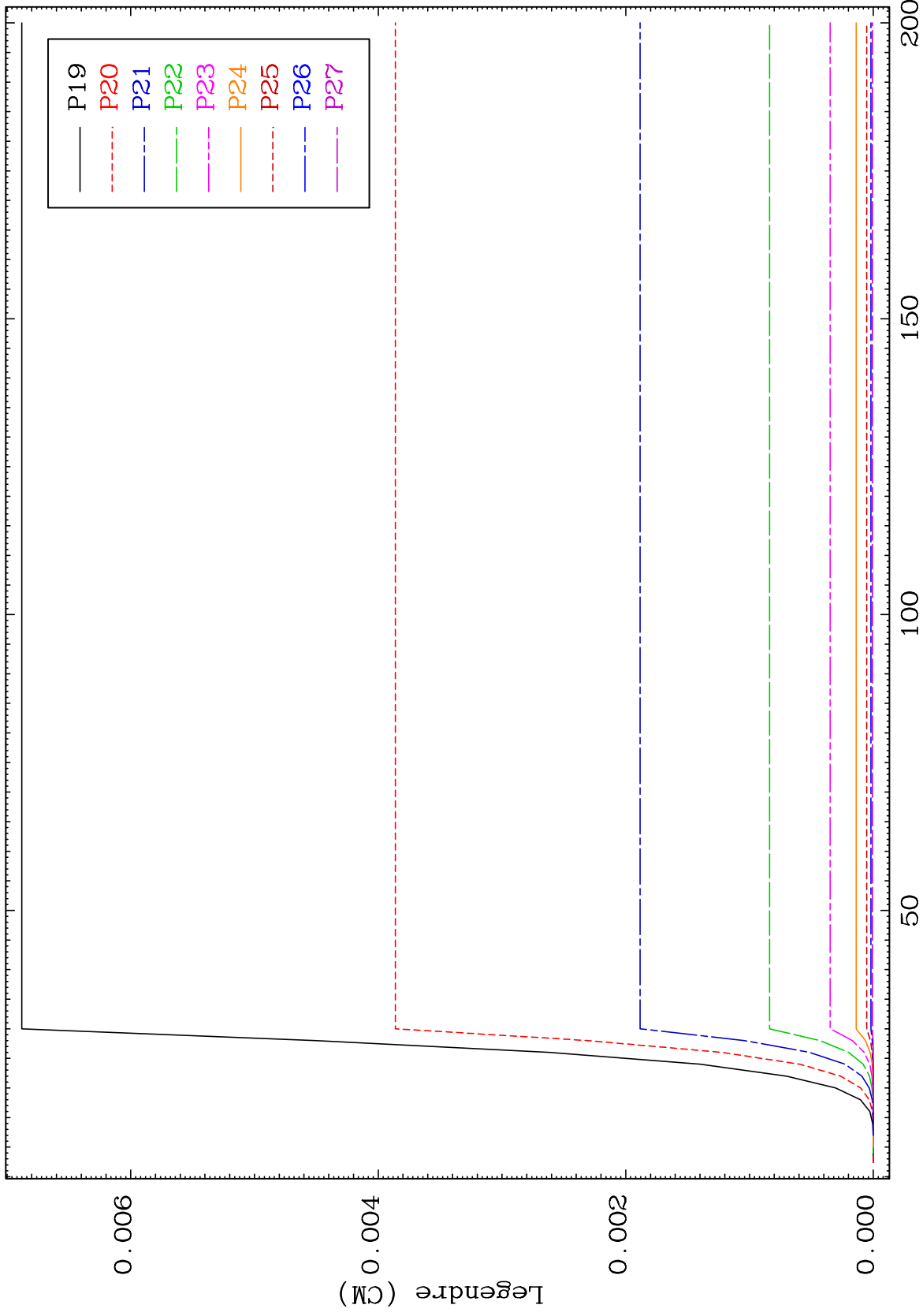
Incident Energy (MeV)

48-Cd-120

MAT 4867

1.356 MeV (n,n') Level
Legendre Coefficients

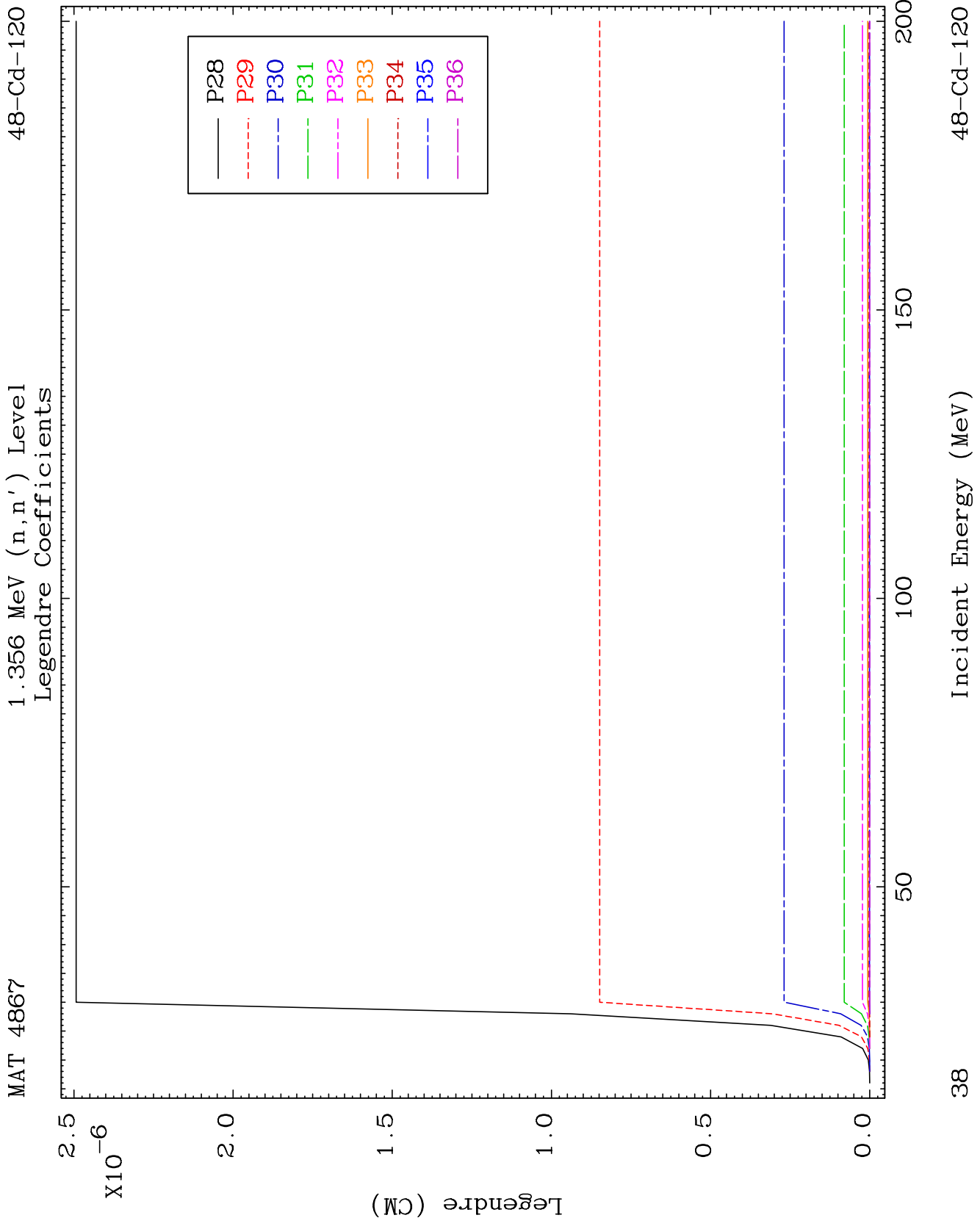
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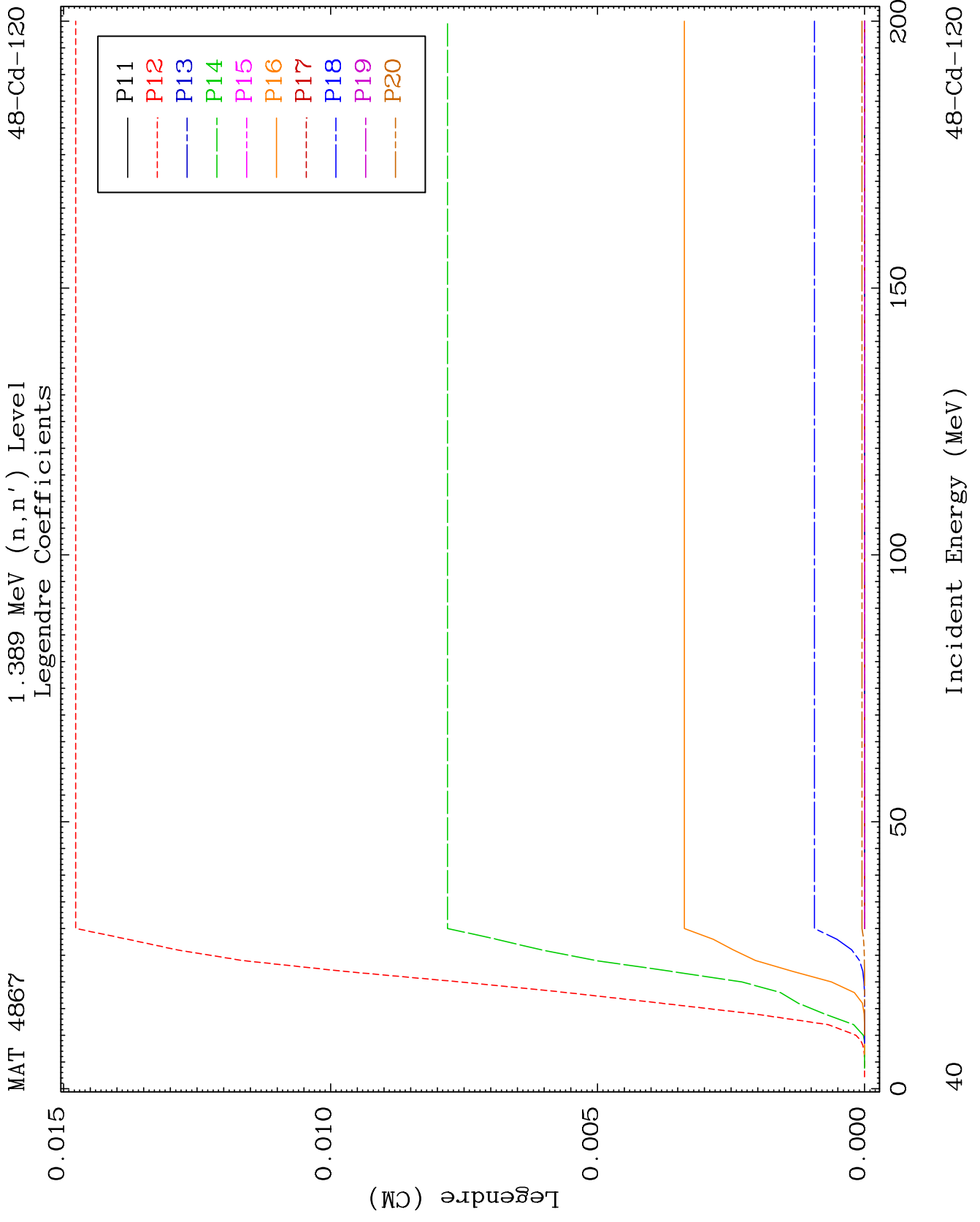


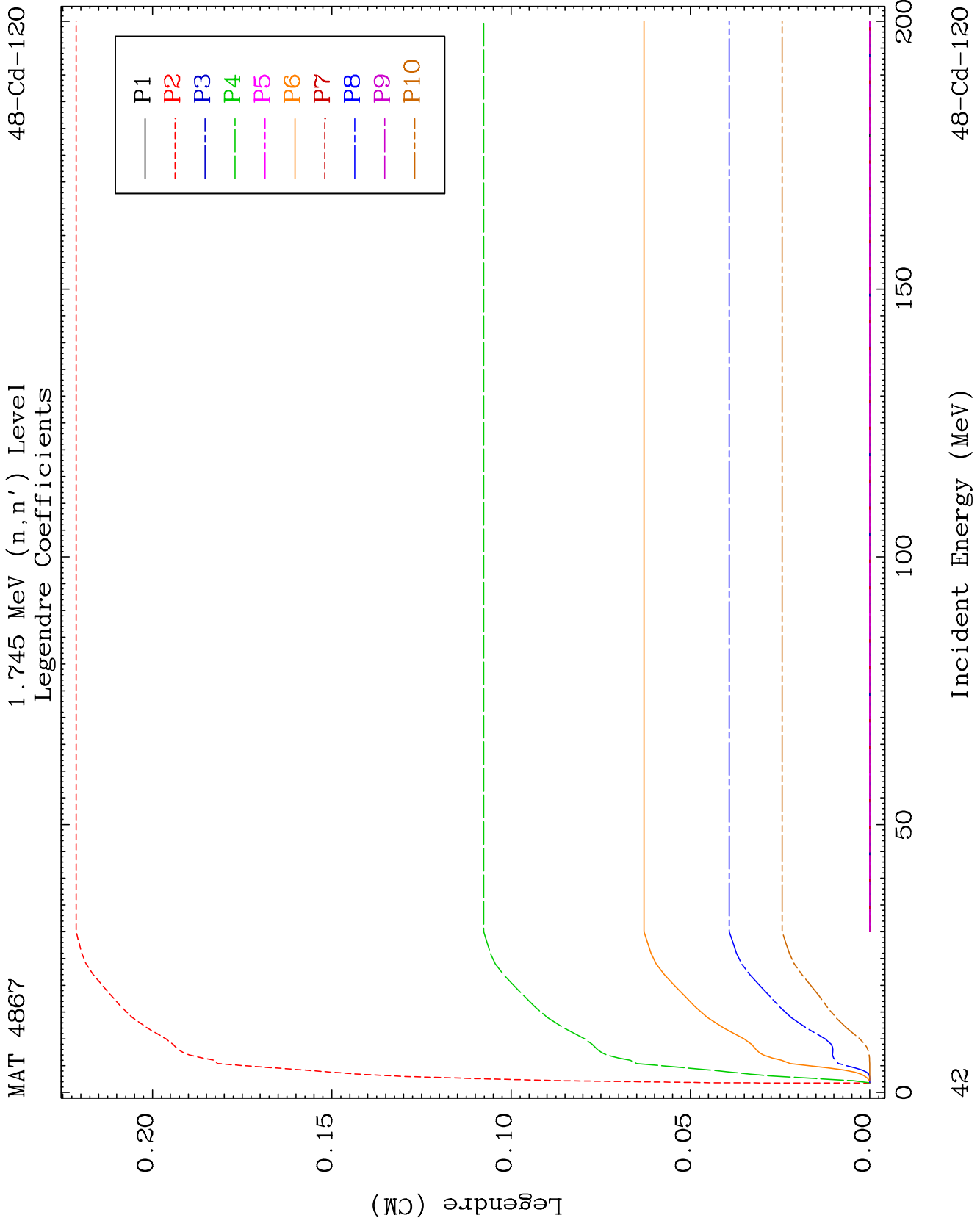
37

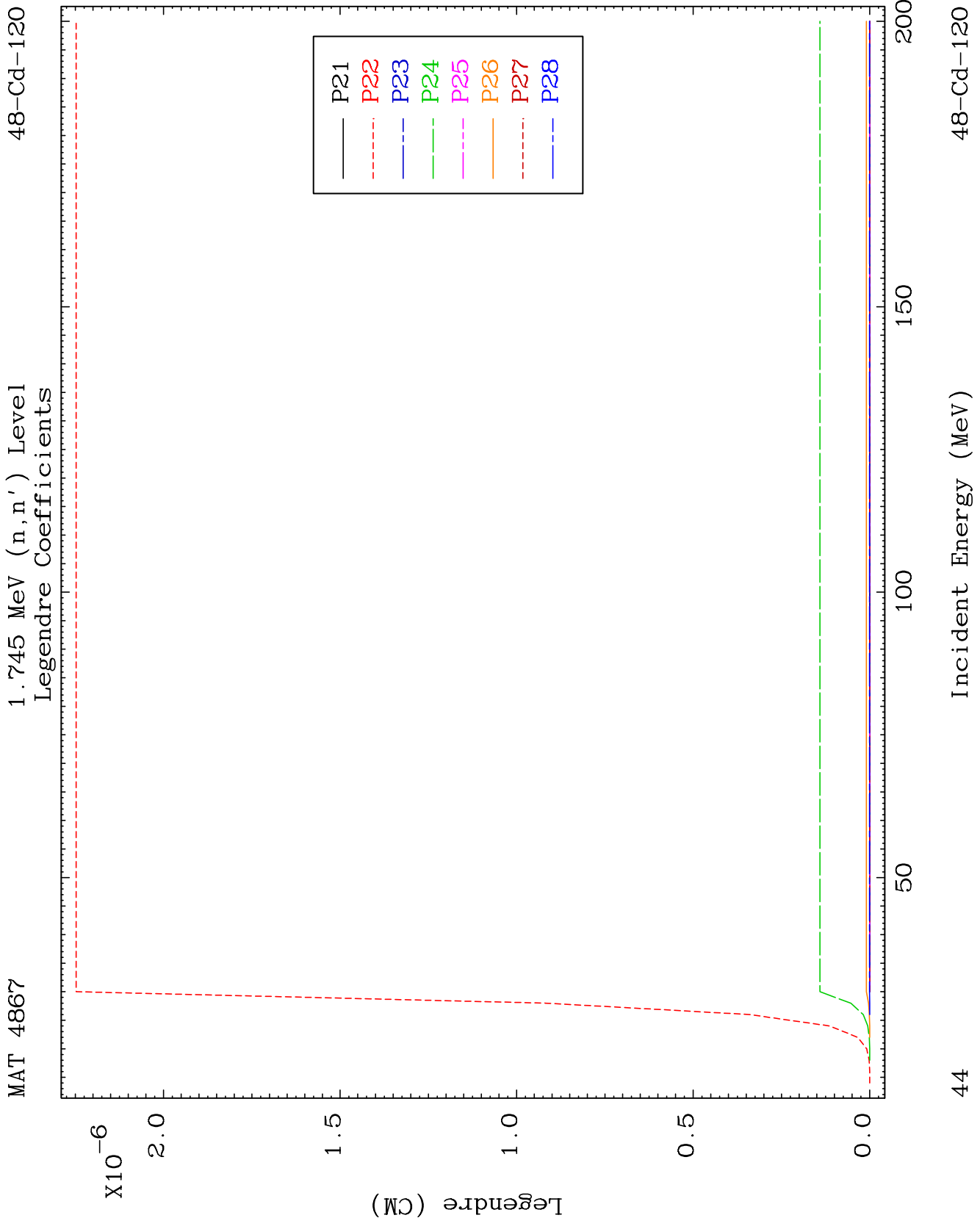
Incident Energy (MeV)

48-Cd-120





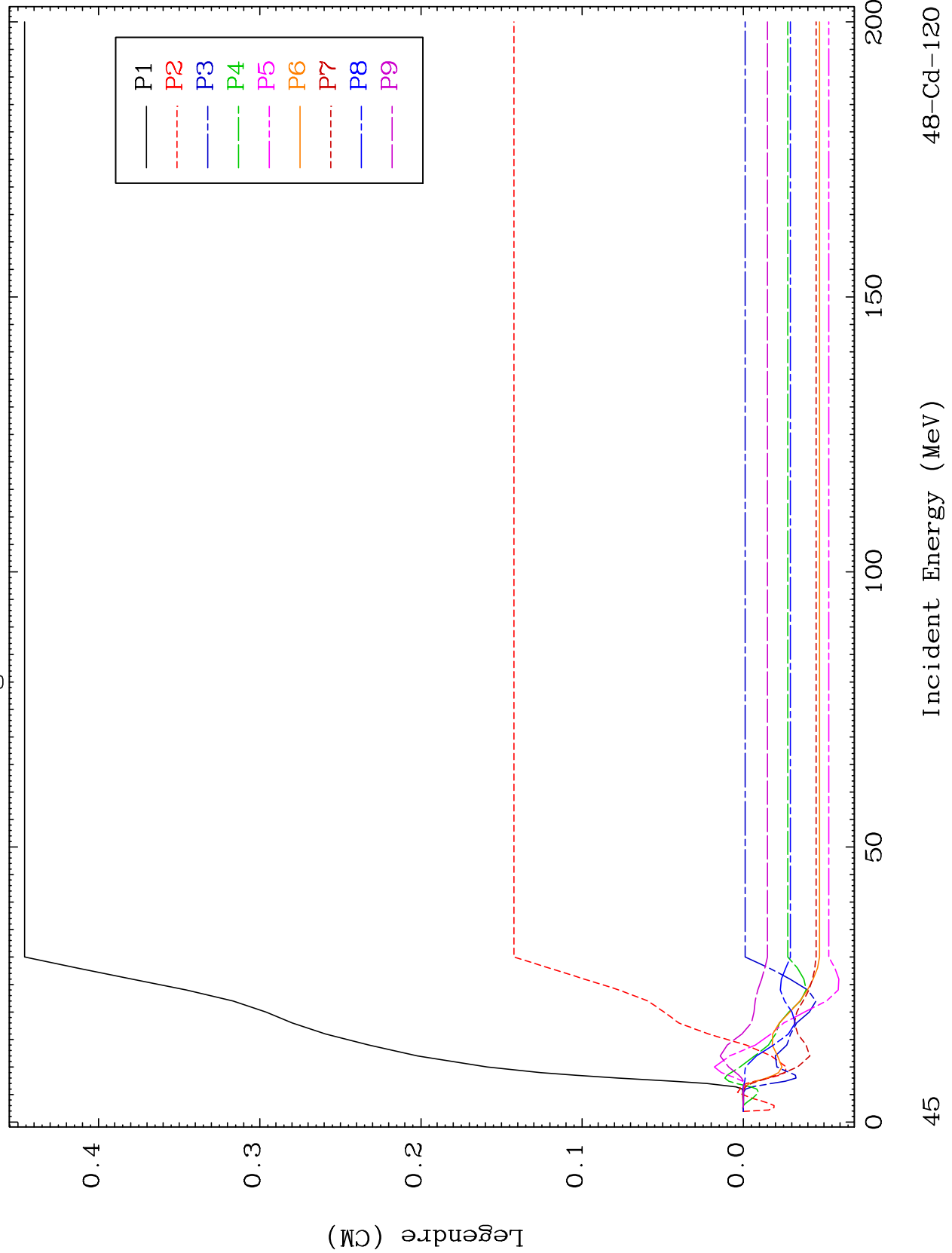




MAT 4867

1.900 MeV (n,n') Level
Legendre Coefficients

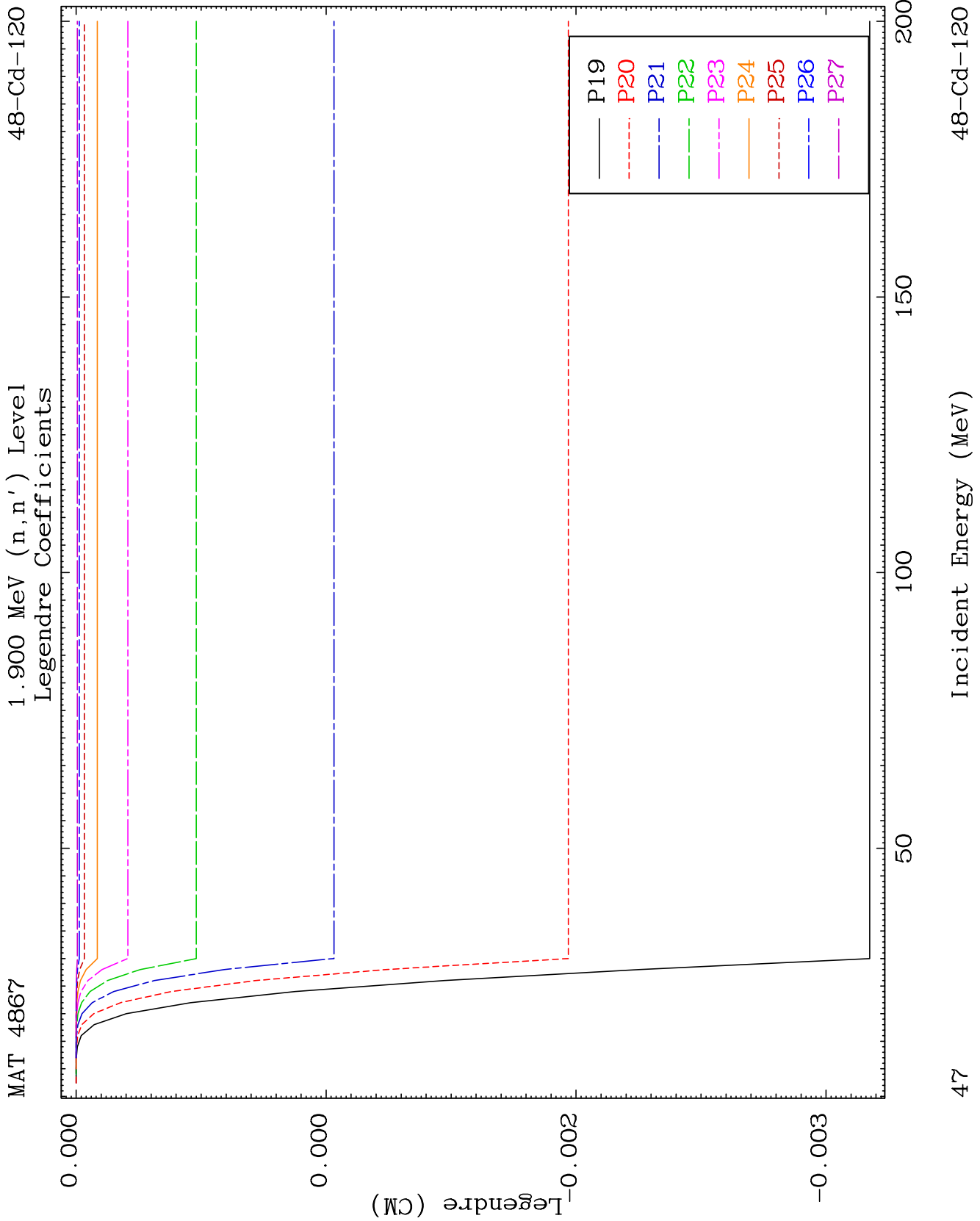
48-Cd-120

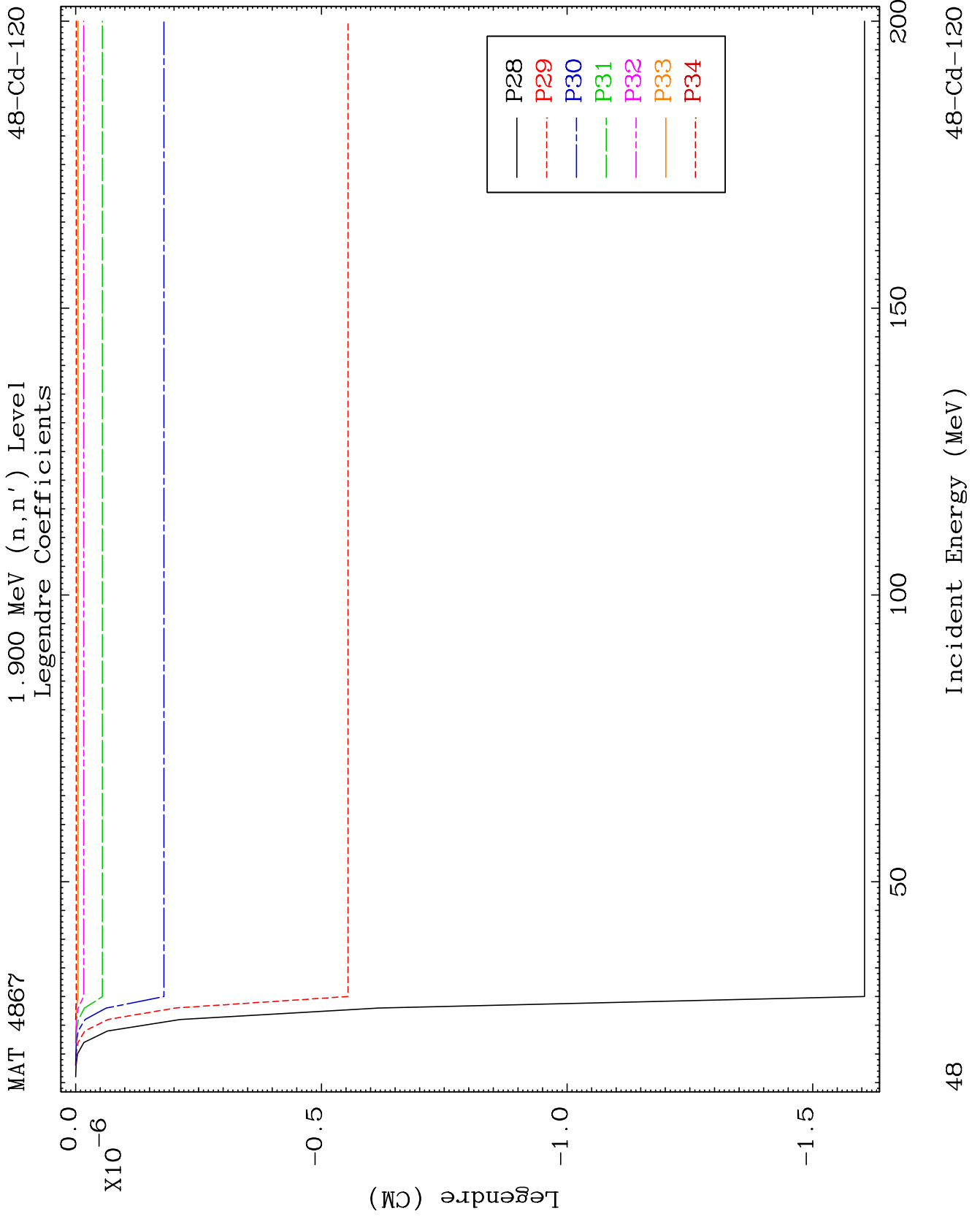


48-Cd-120

Incident Energy (MeV)

45

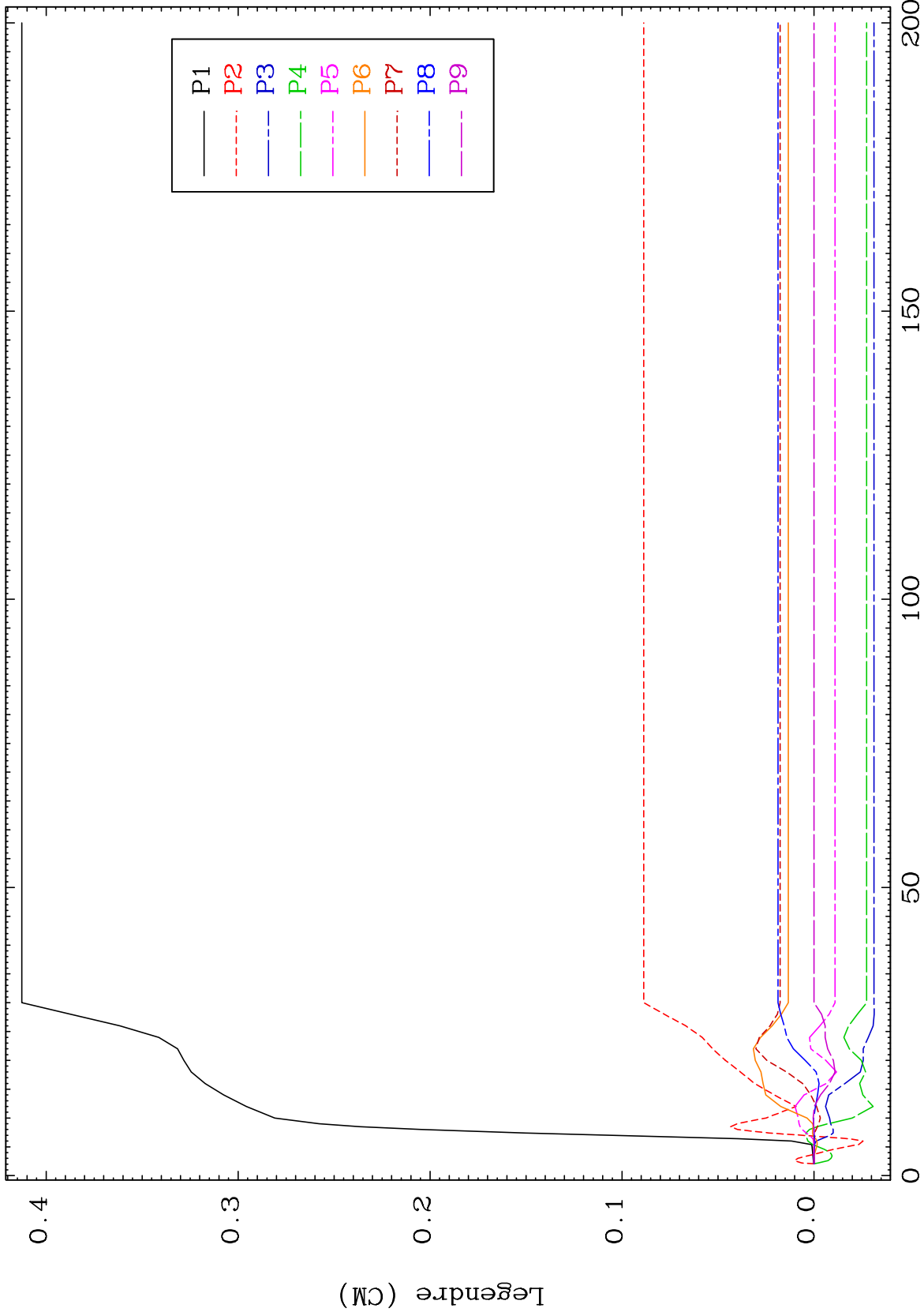




MAT 4867

2.034 MeV (n,n') Level
Legendre Coefficients

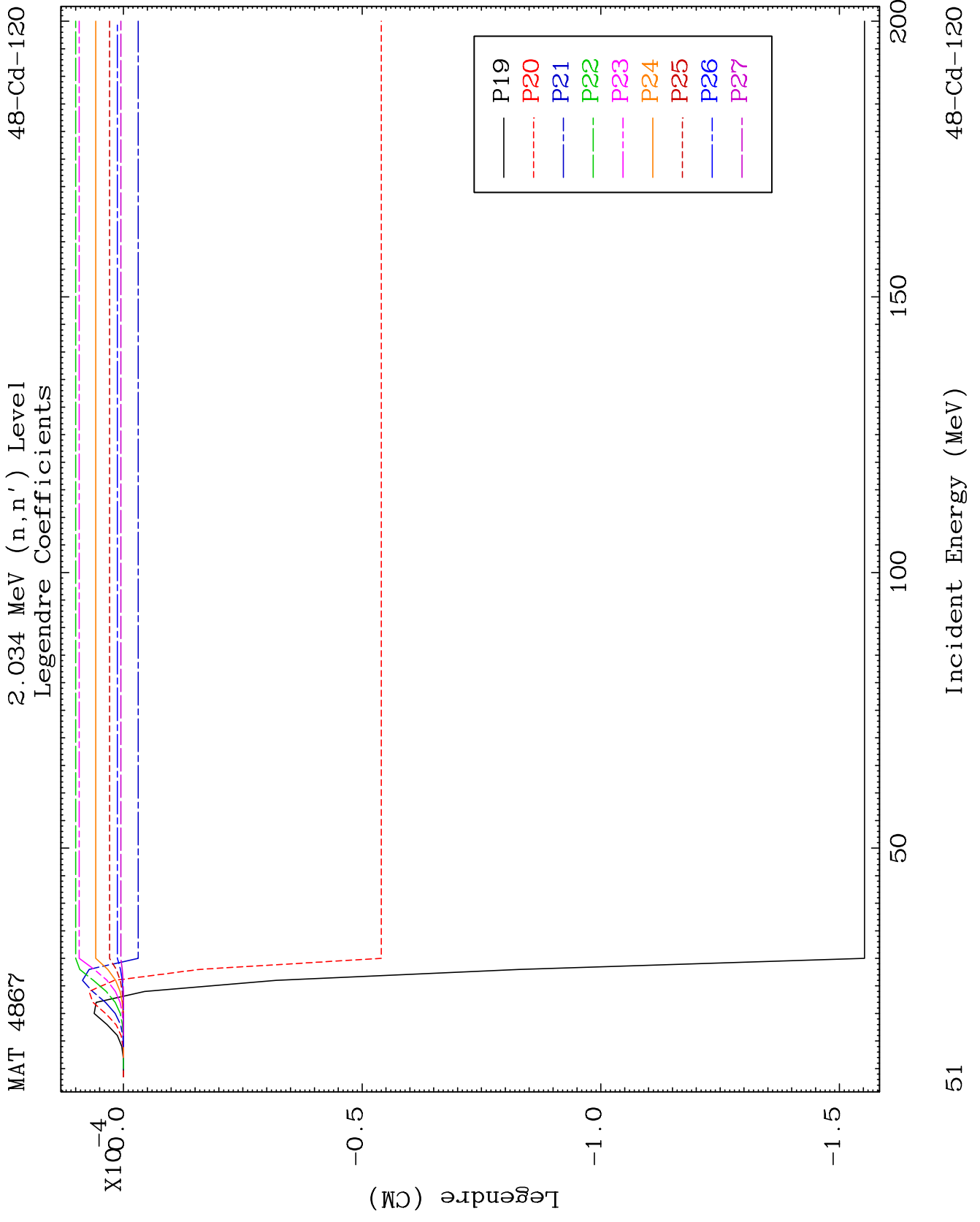
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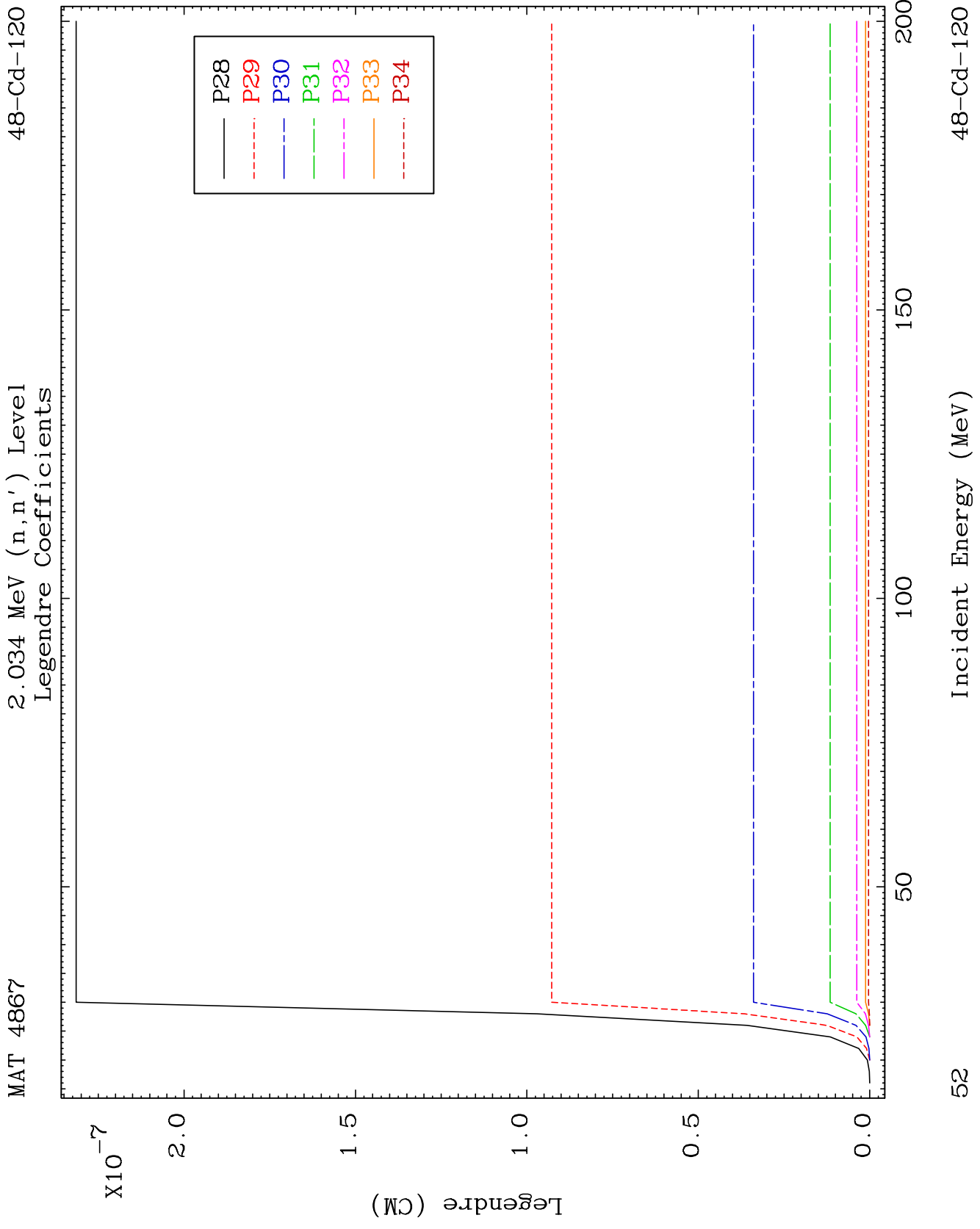


49

Incident Energy (MeV)

48-Cd-120

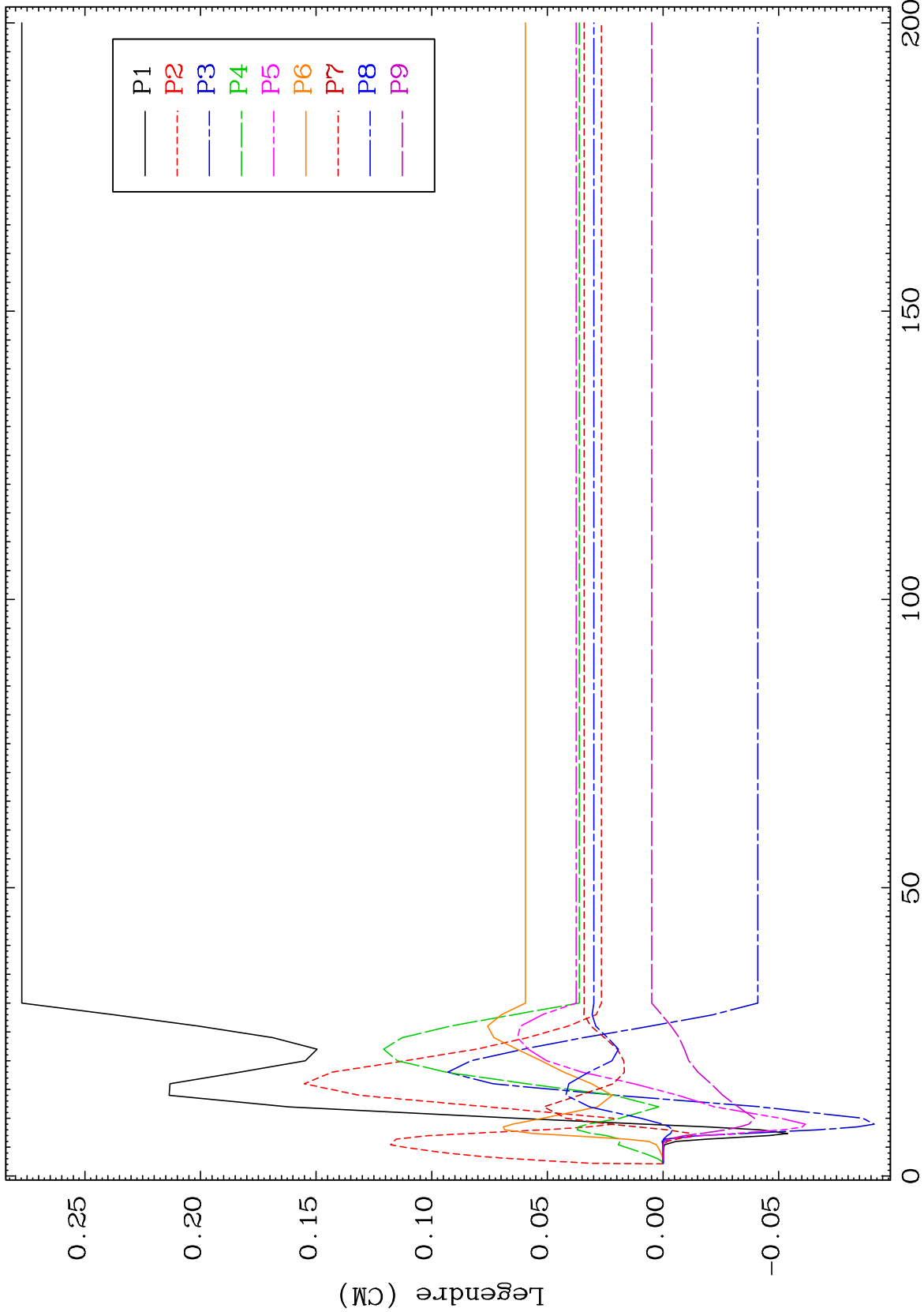




MAT 4867

2.094 MeV (n,n') Level
Legendre Coefficients

48-Cd-120



53

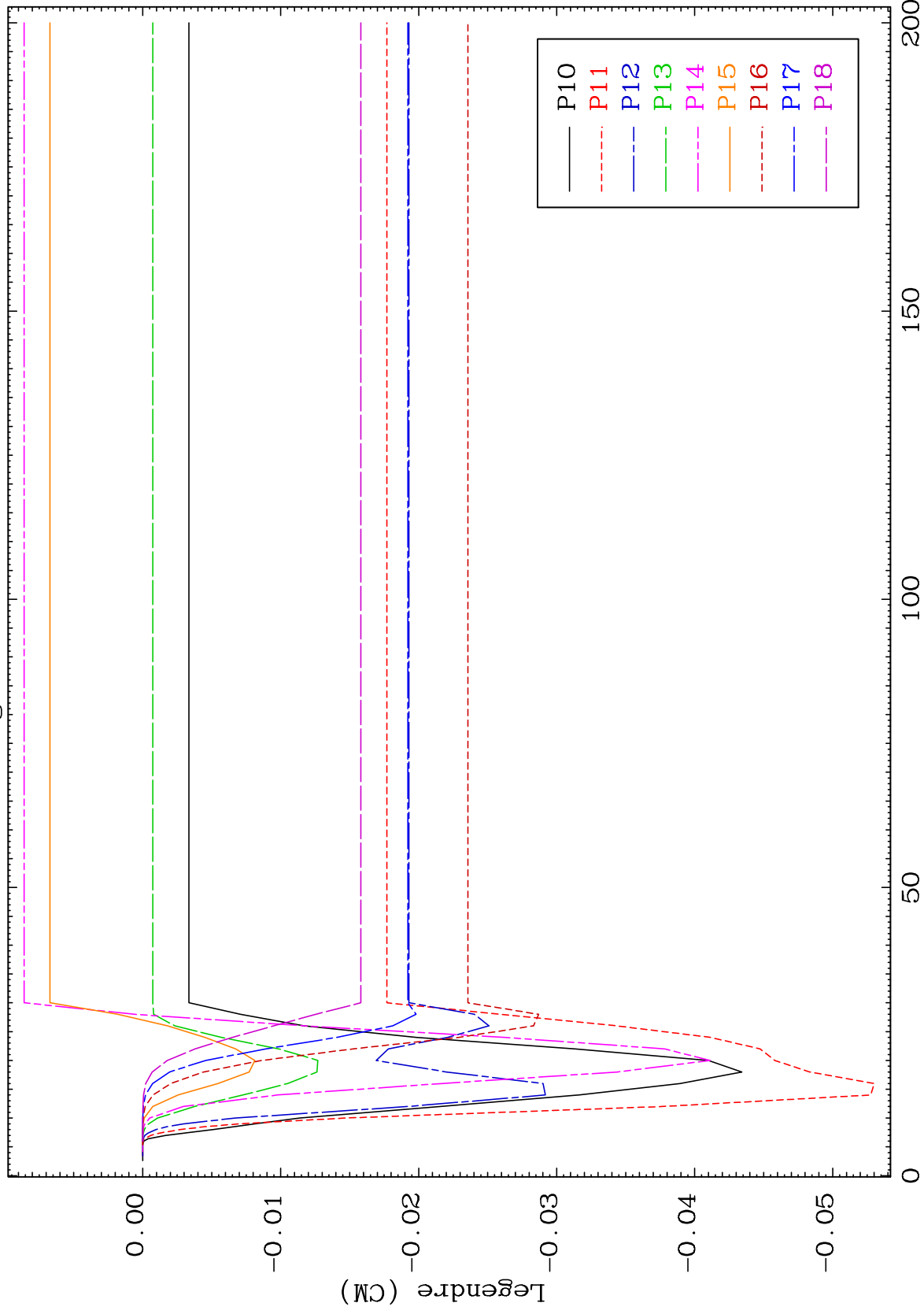
Incident Energy (MeV)

48-Cd-120

MAT 4867

2.094 MeV (n,n') Level
Legendre Coefficients

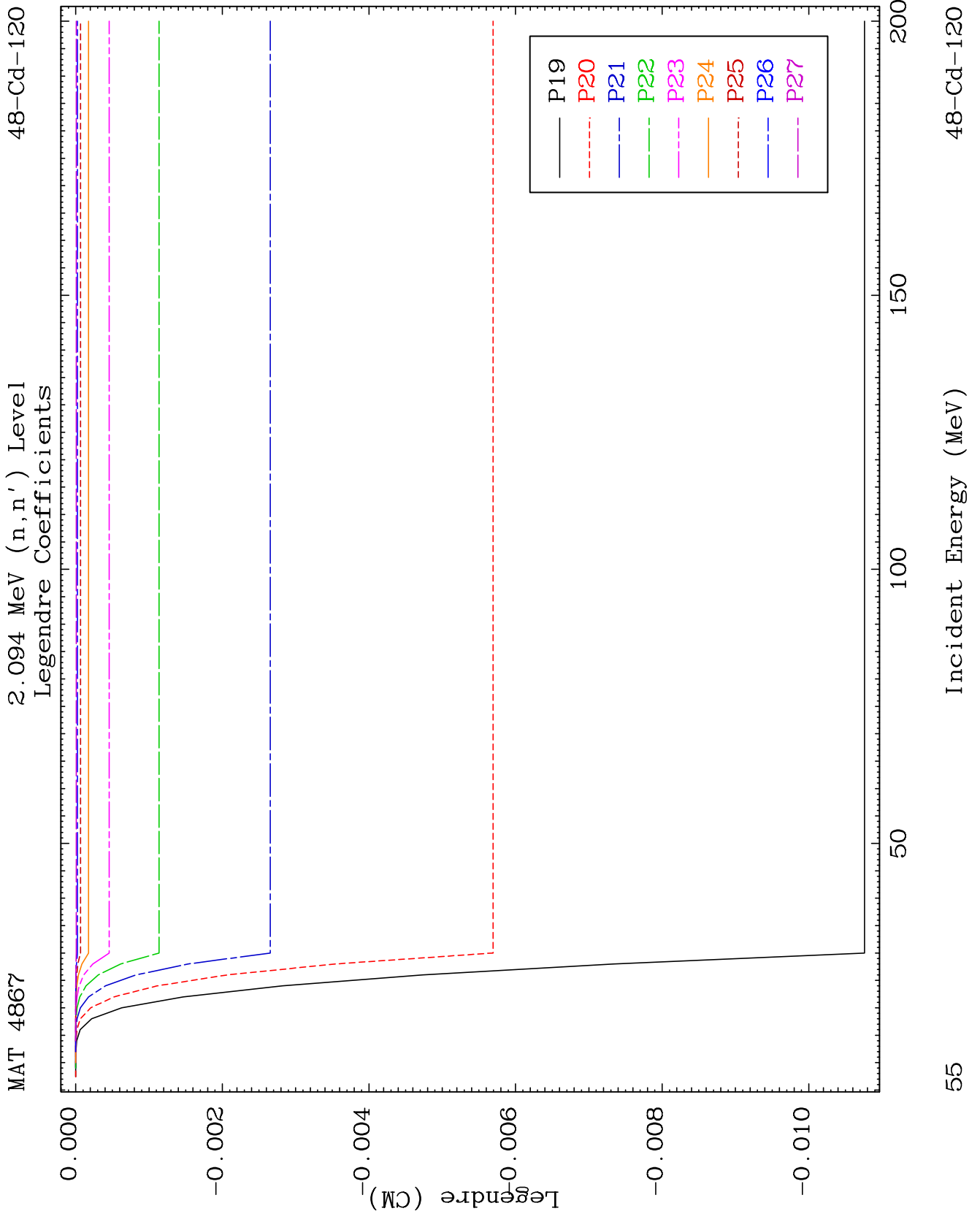
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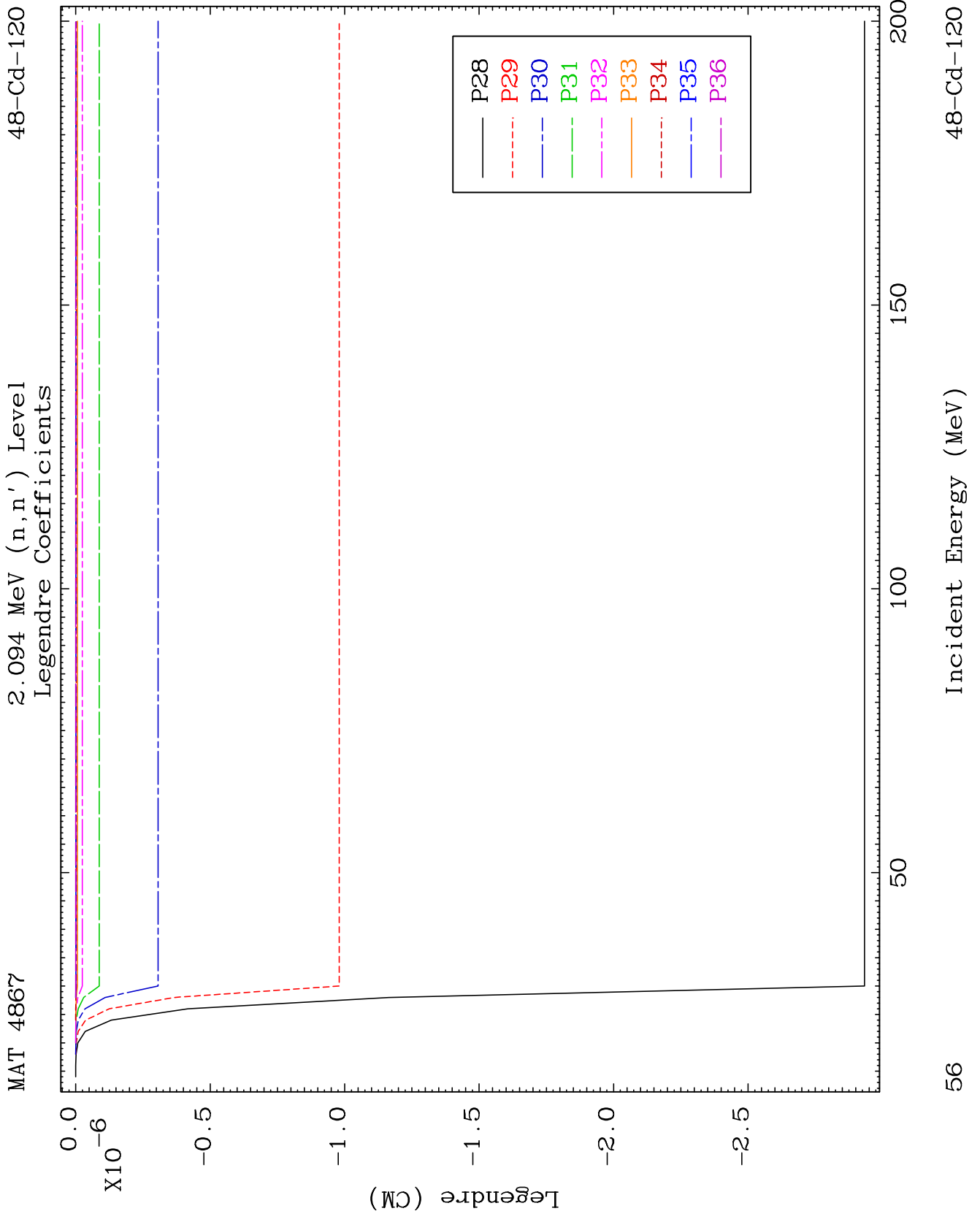


54

Incident Energy (MeV)

48-Cd-120

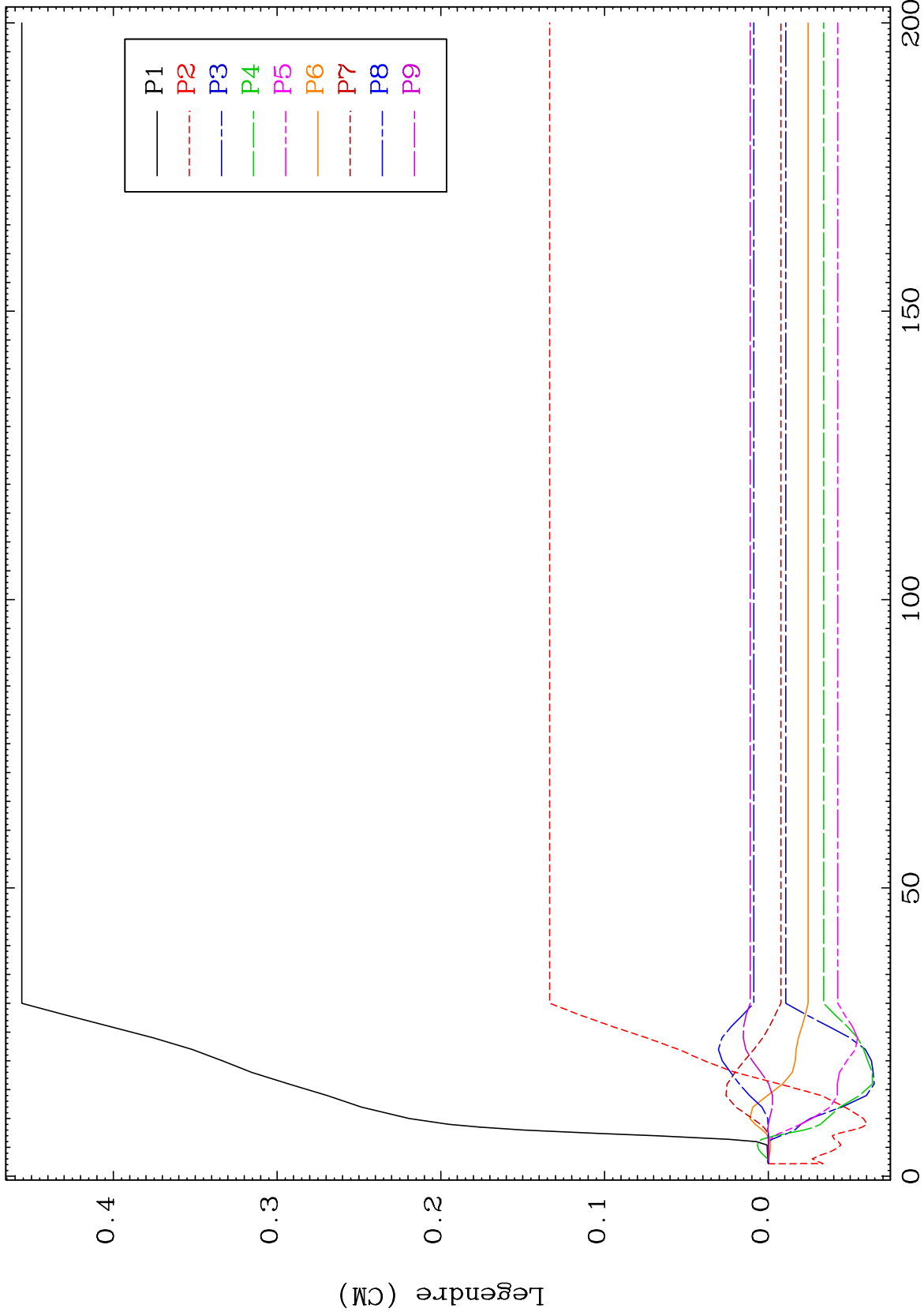




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2.130 MeV (n,n') Level
Legendre Coefficients

48-Cd-120



57

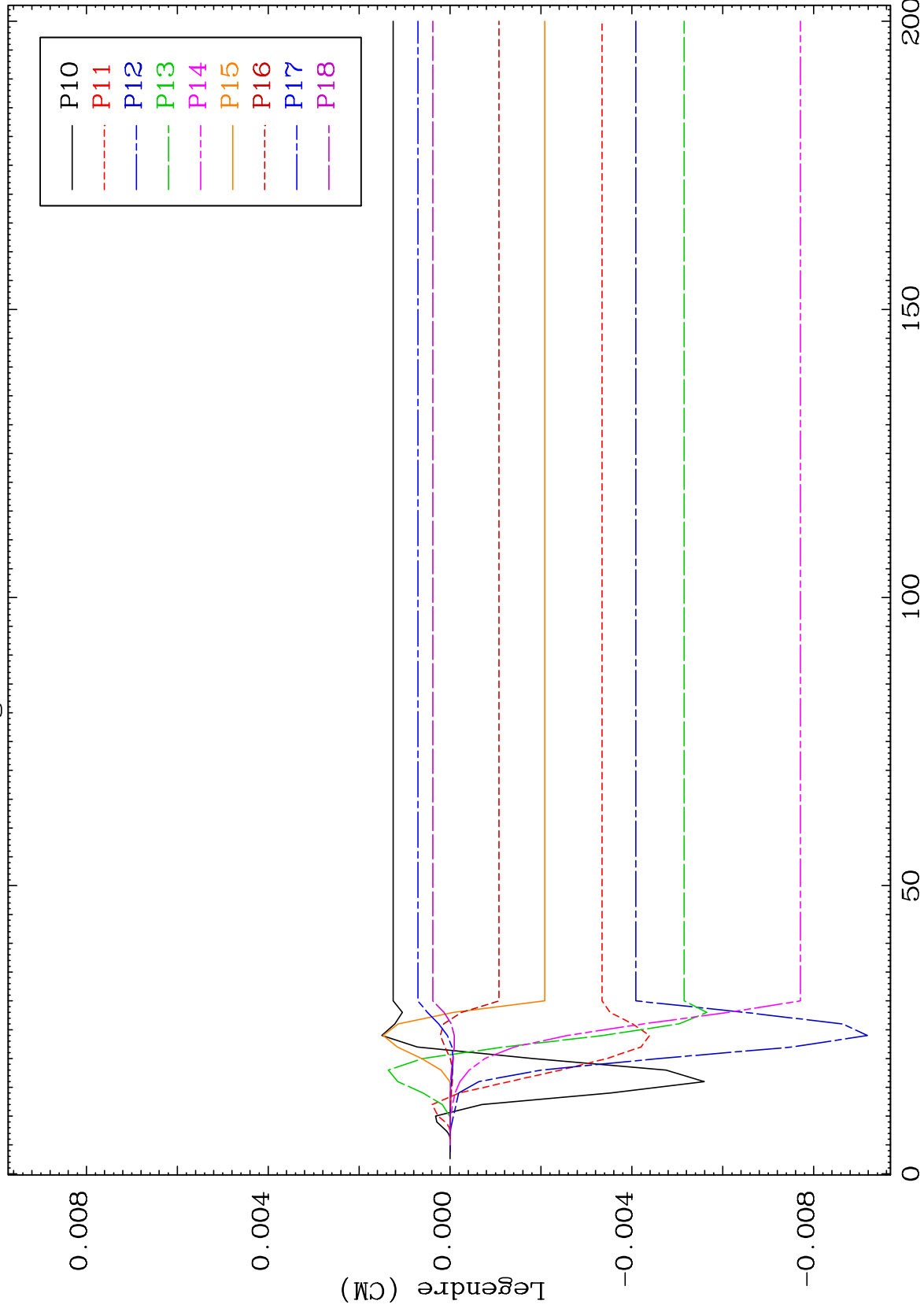
Incident Energy (MeV)

48-Cd-120

MAT 4867

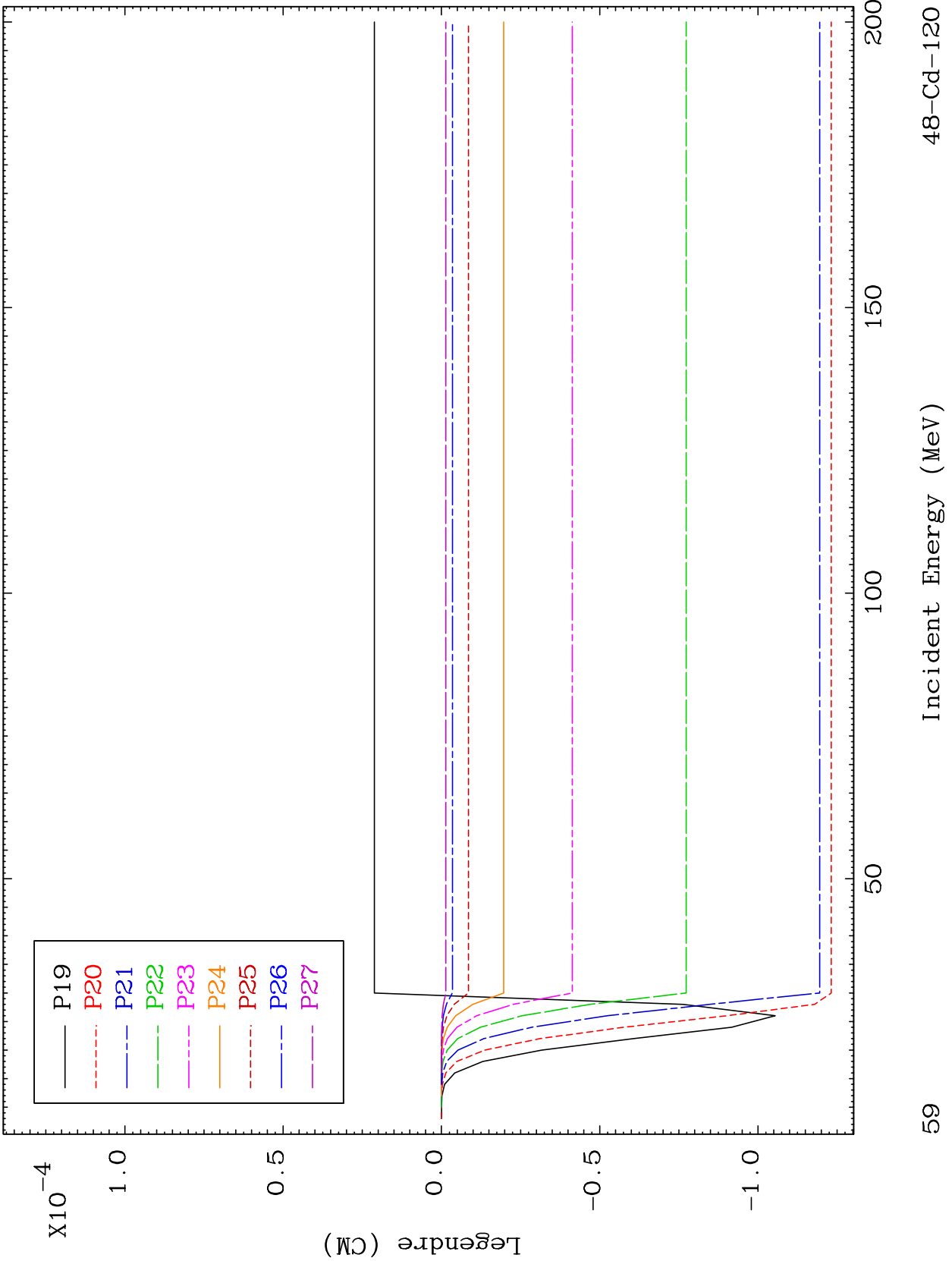
2.130 MeV (n,n') Level
Legendre Coefficients

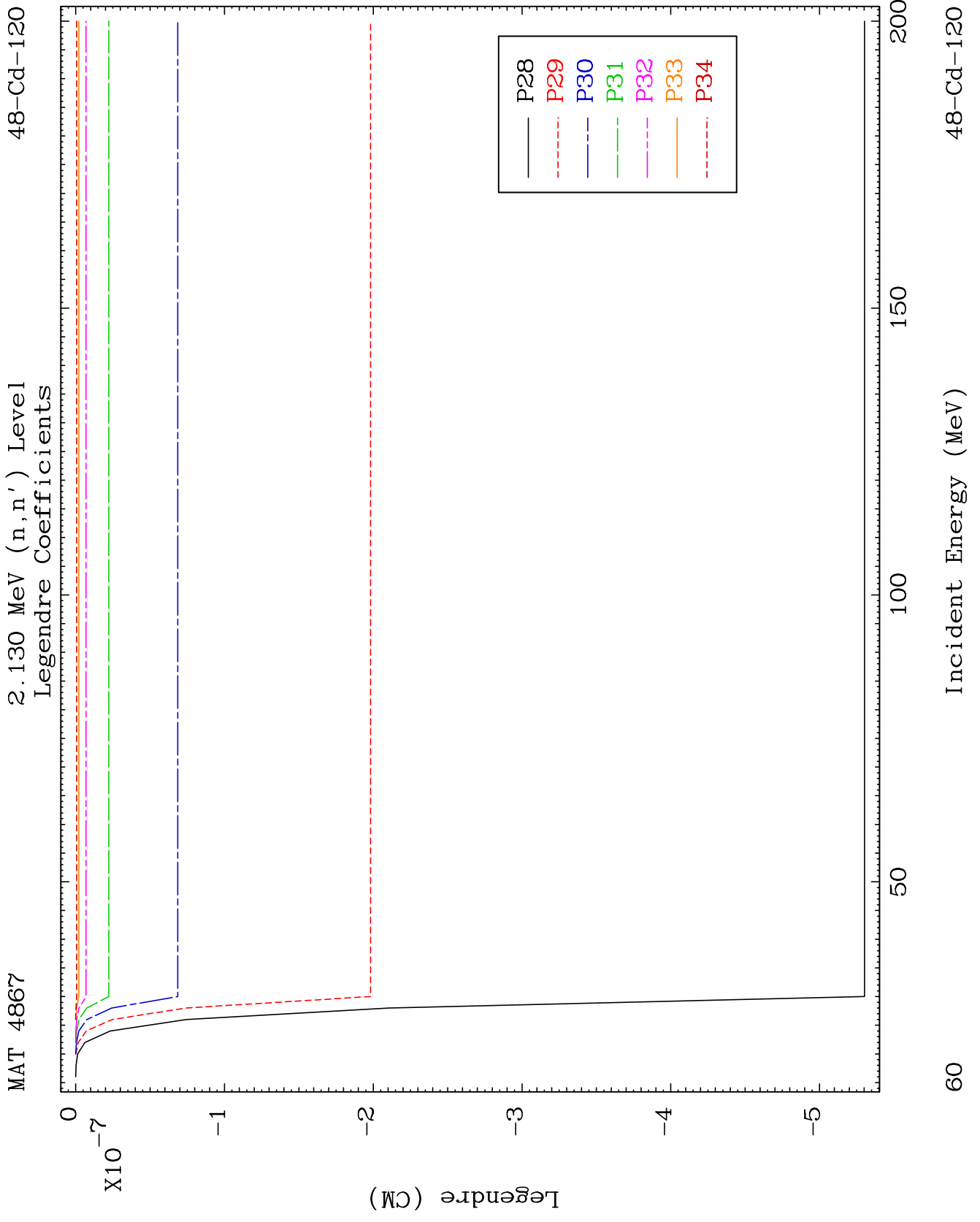
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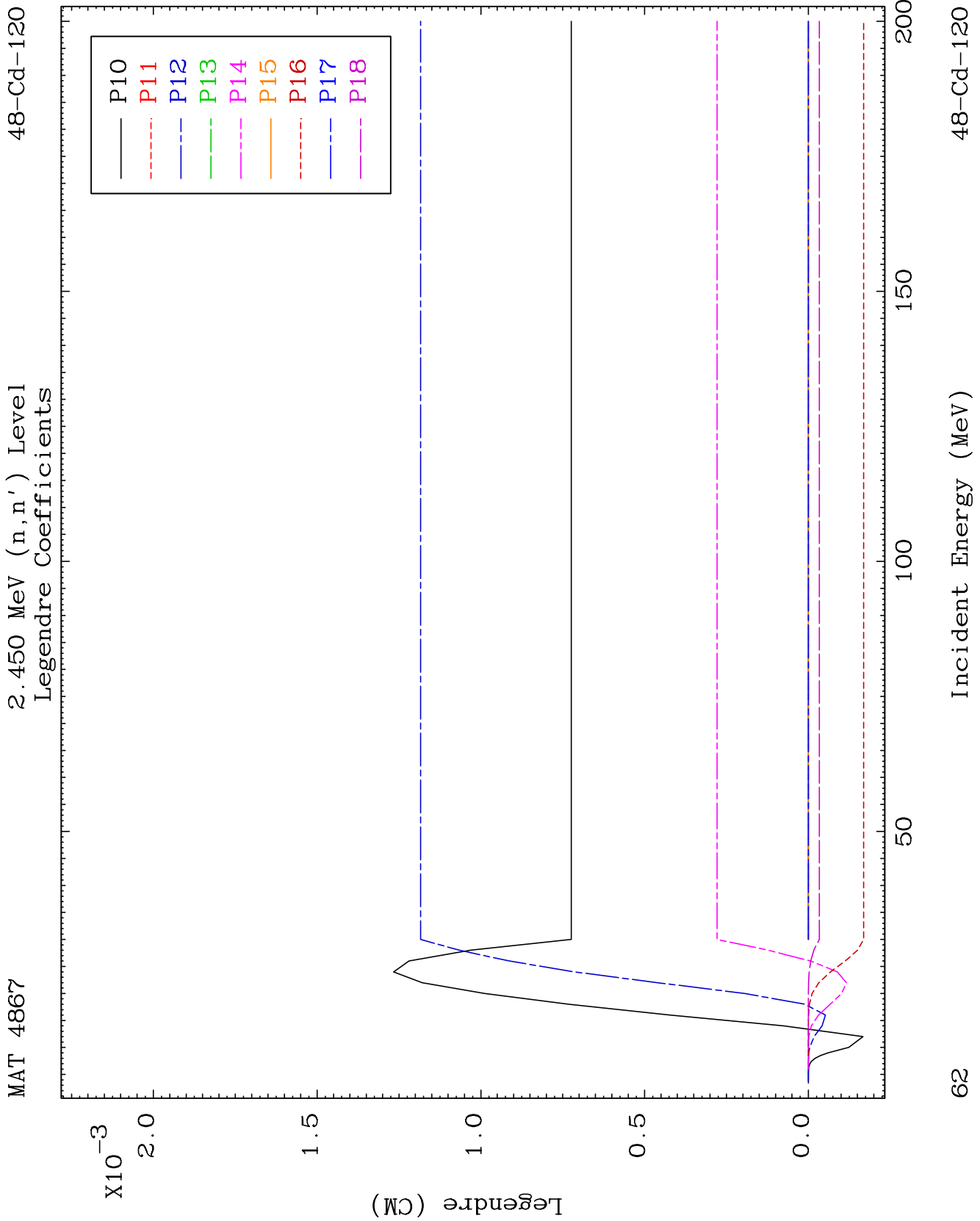


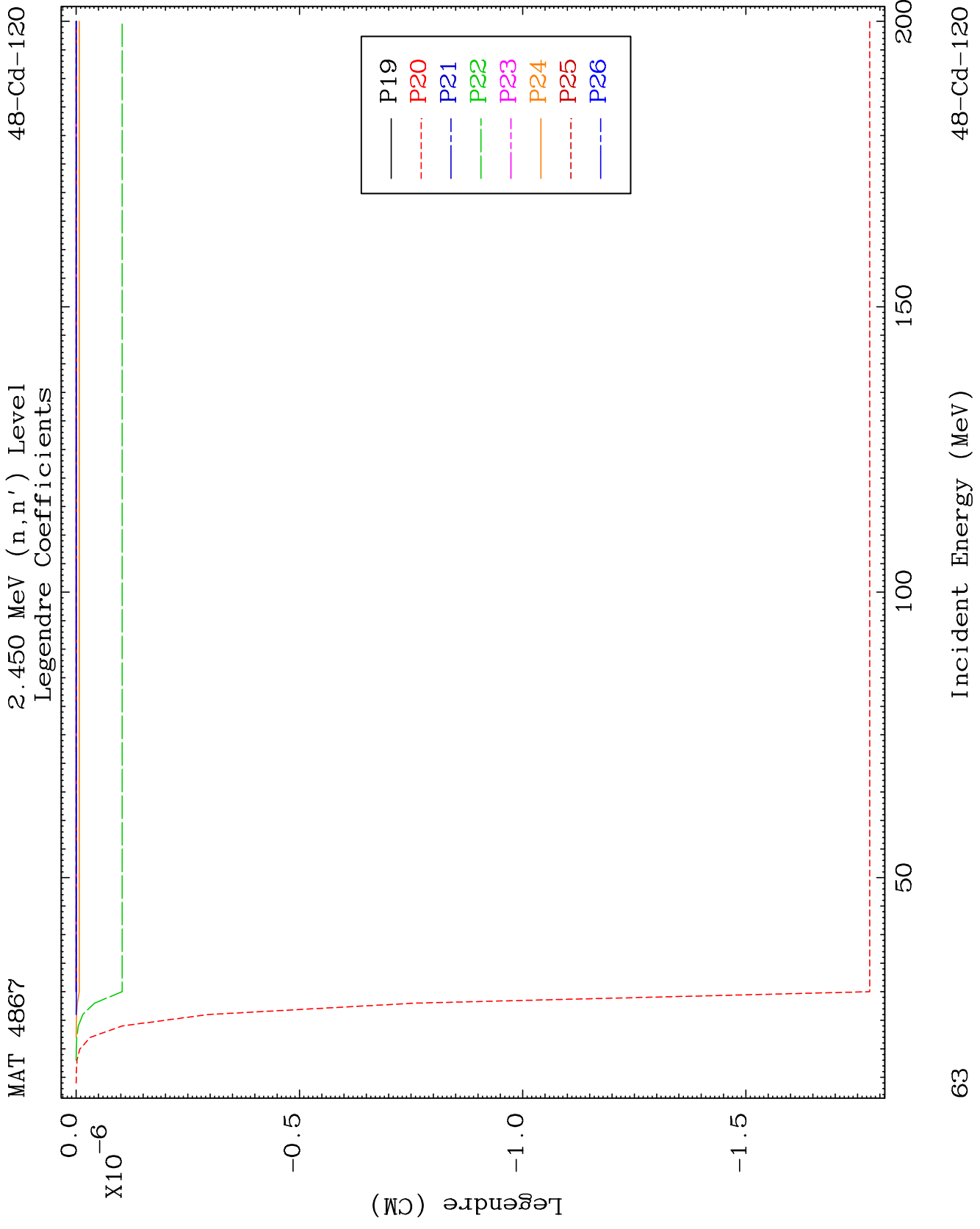
58

48-Cd-120





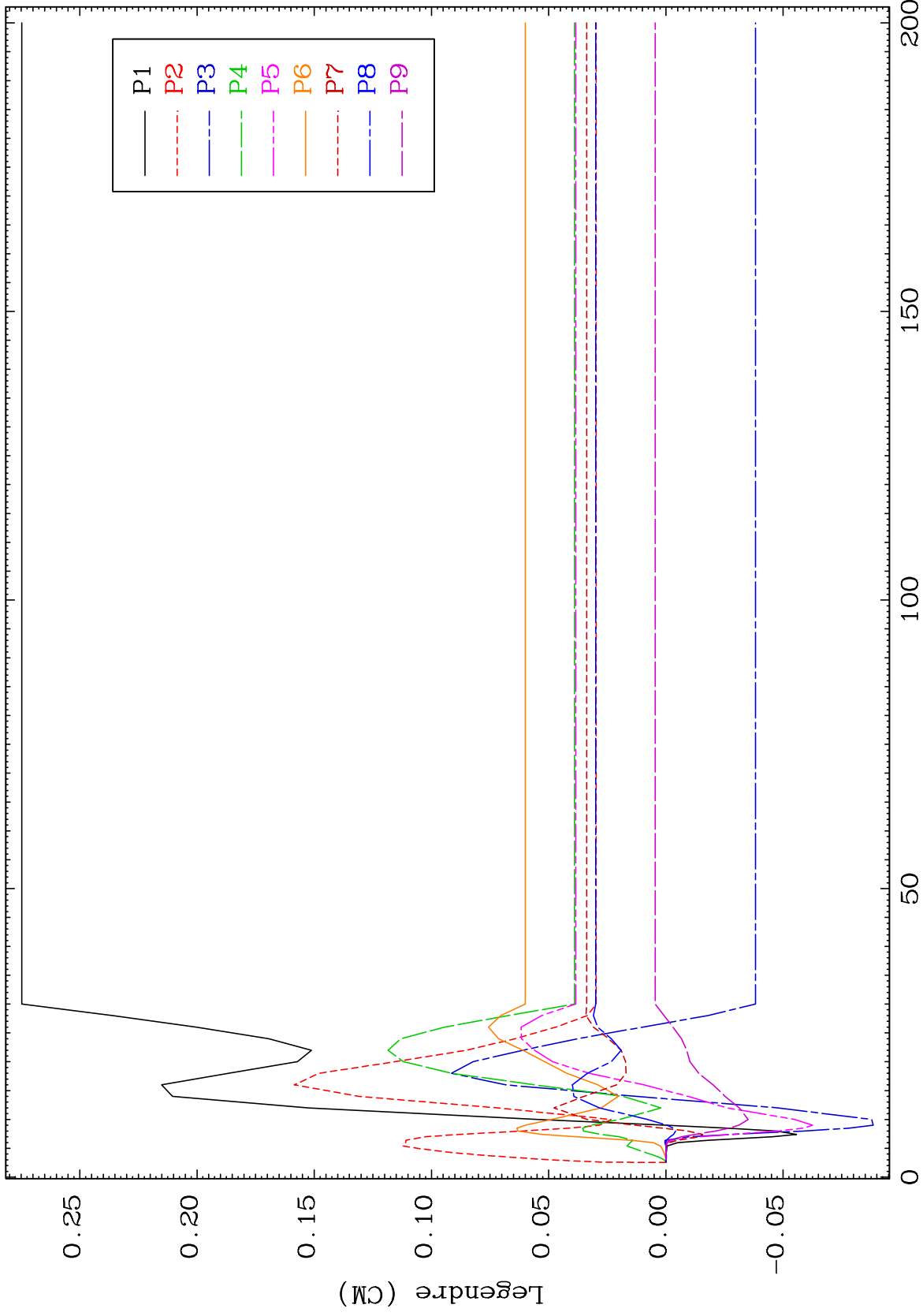




MAT 4867

2.525 MeV (n,n') Level
Legendre Coefficients

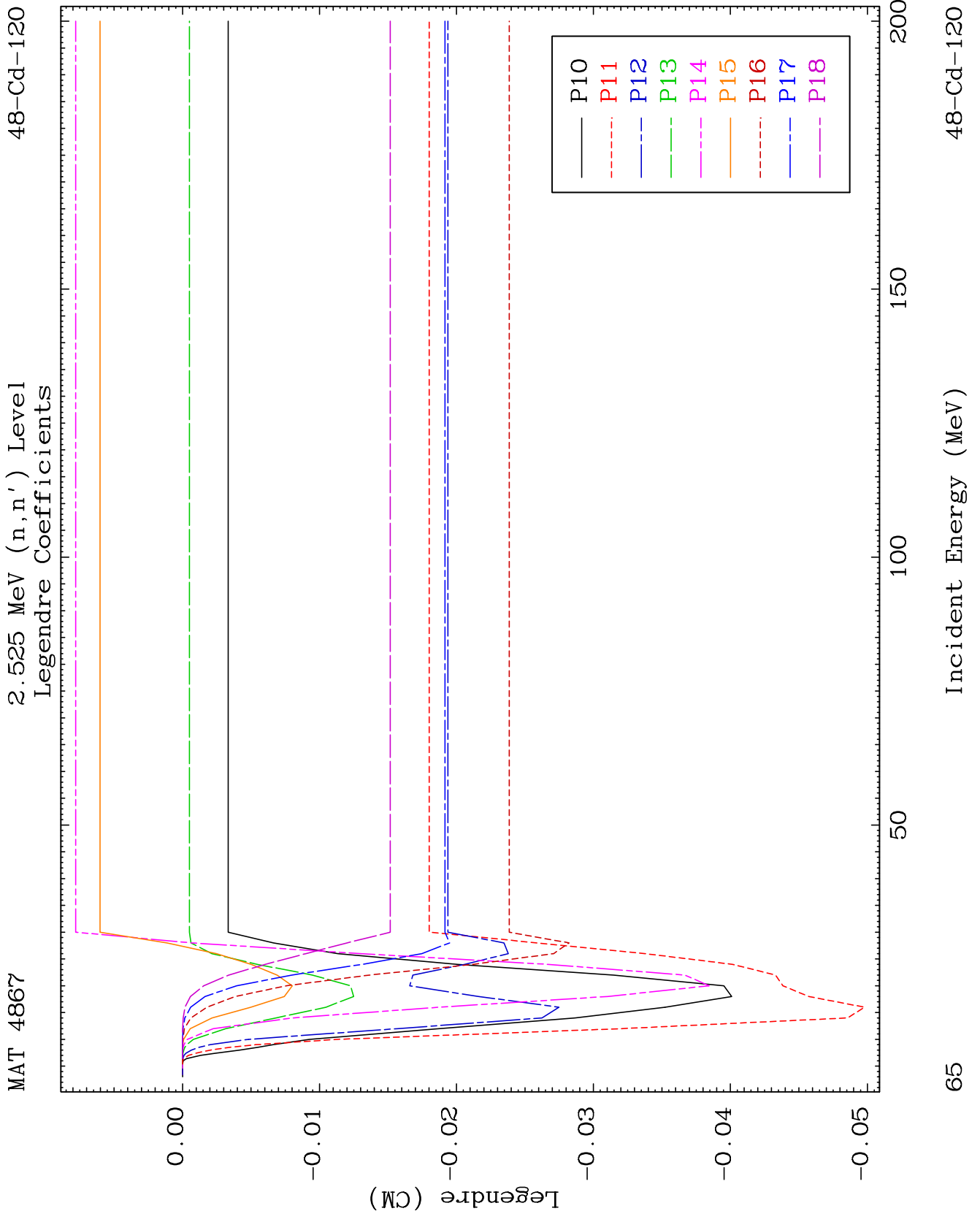
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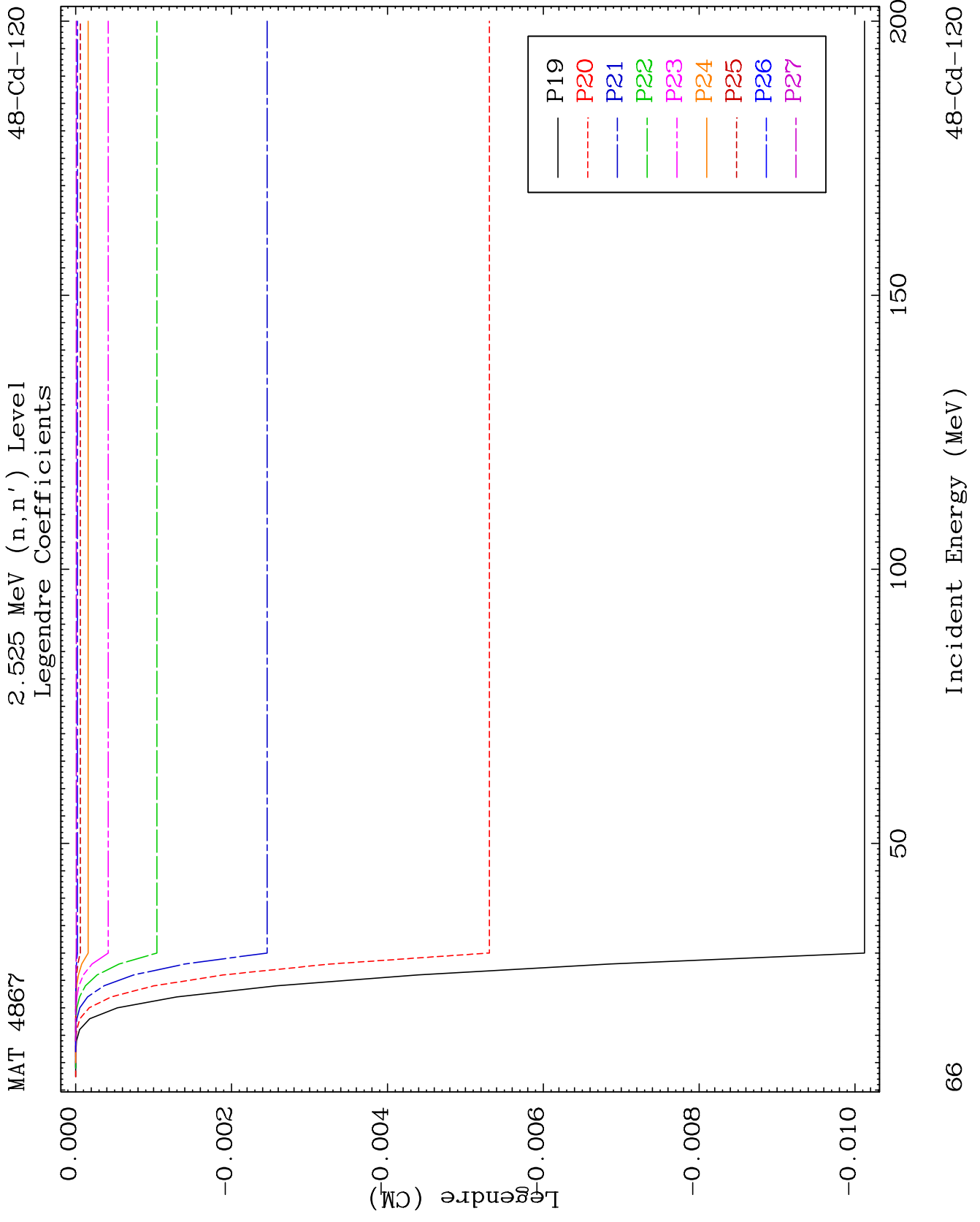


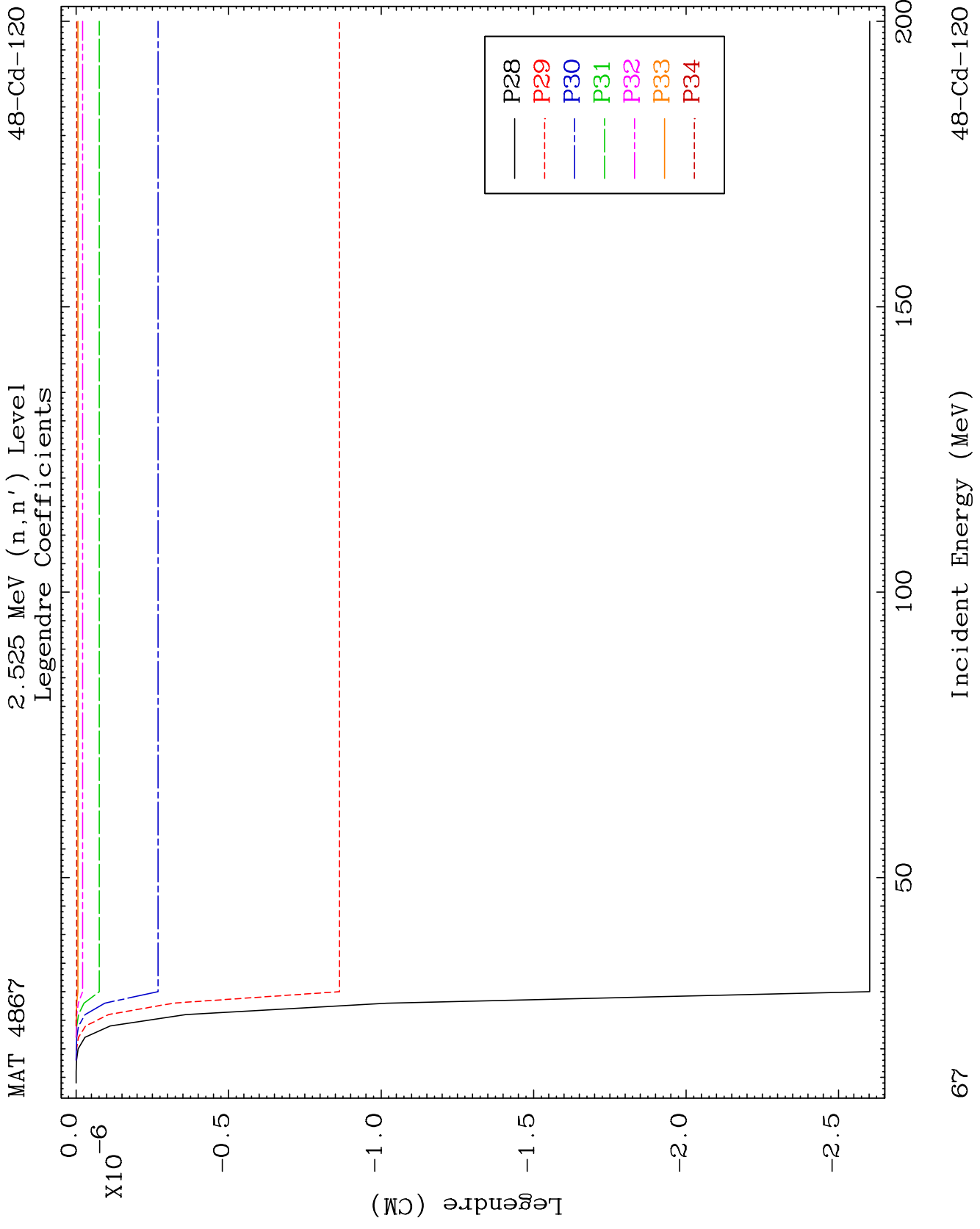
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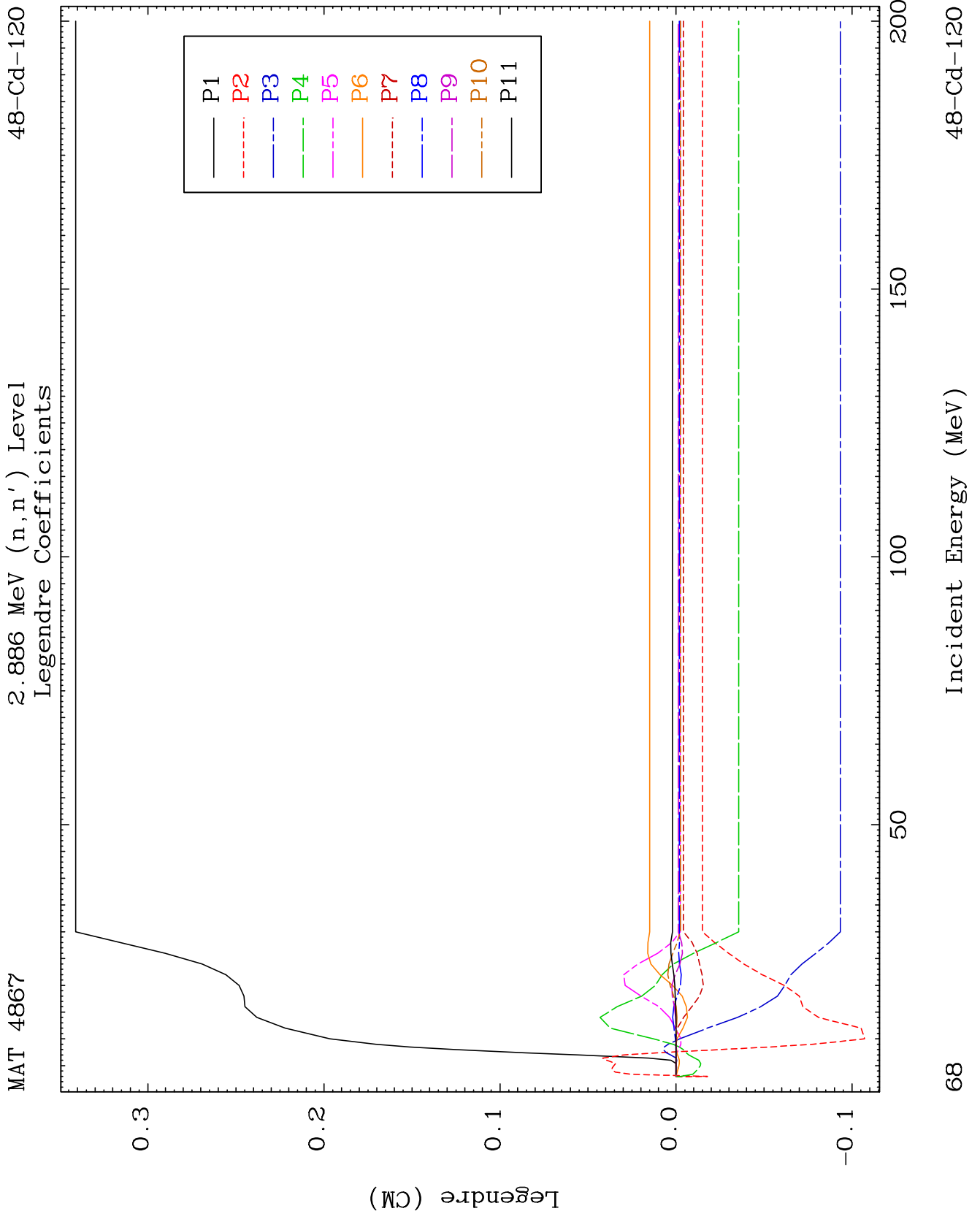
Incident Energy (MeV)

48-Cd-120





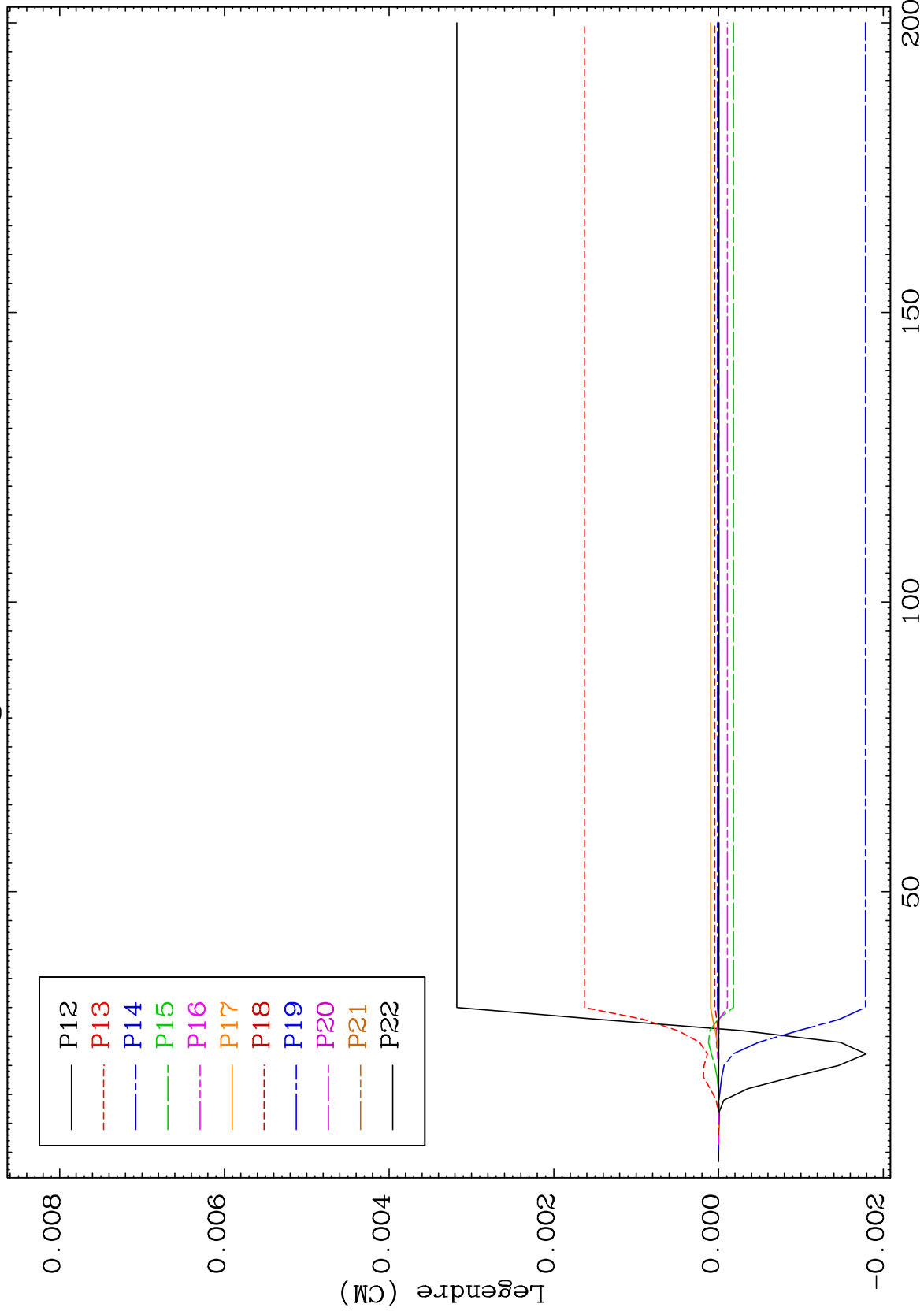




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2.886 MeV (n,n') Level
Legendre Coefficients

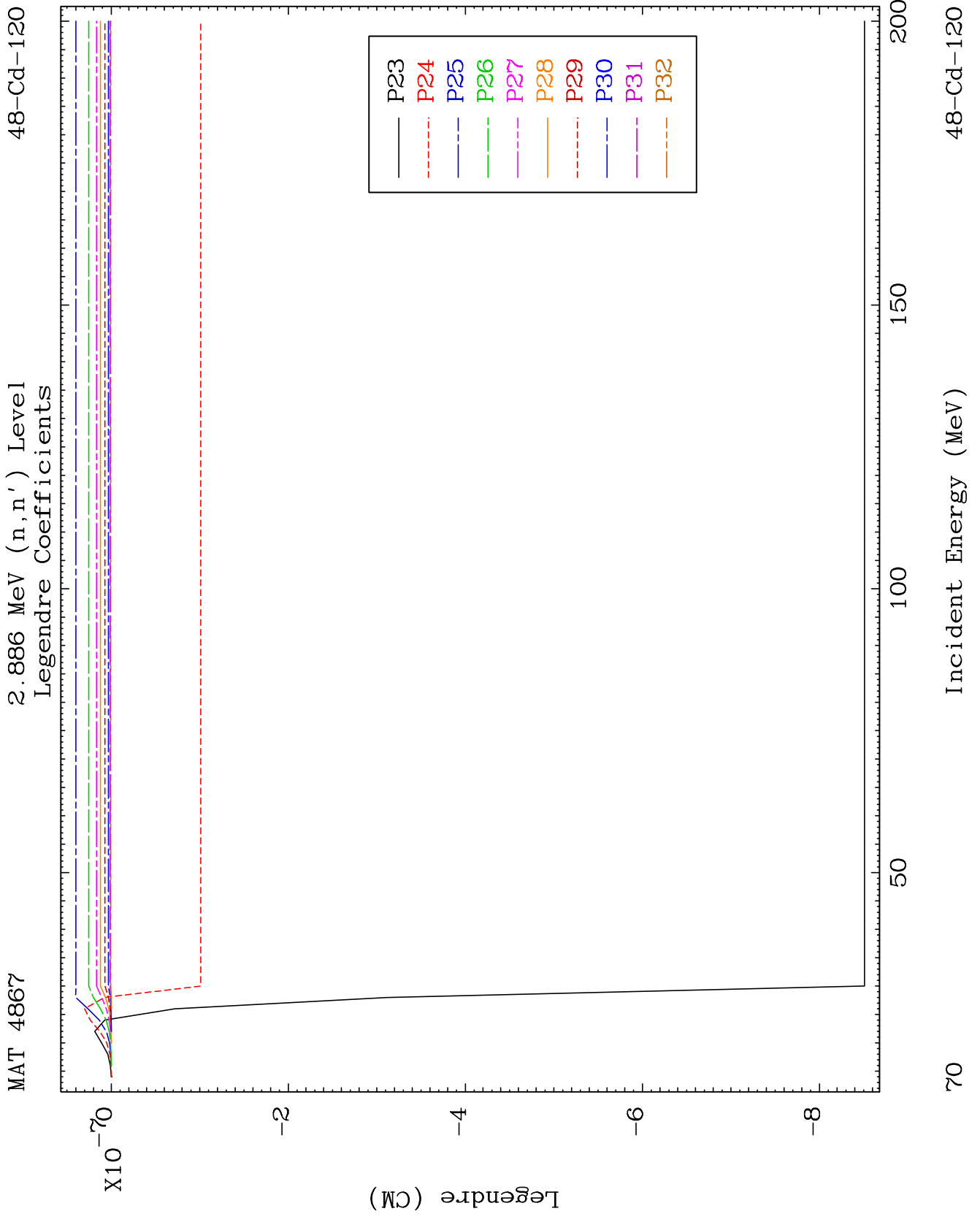
48-Cd-120



69

Incident Energy (MeV)

48-Cd-120



MAT 4867

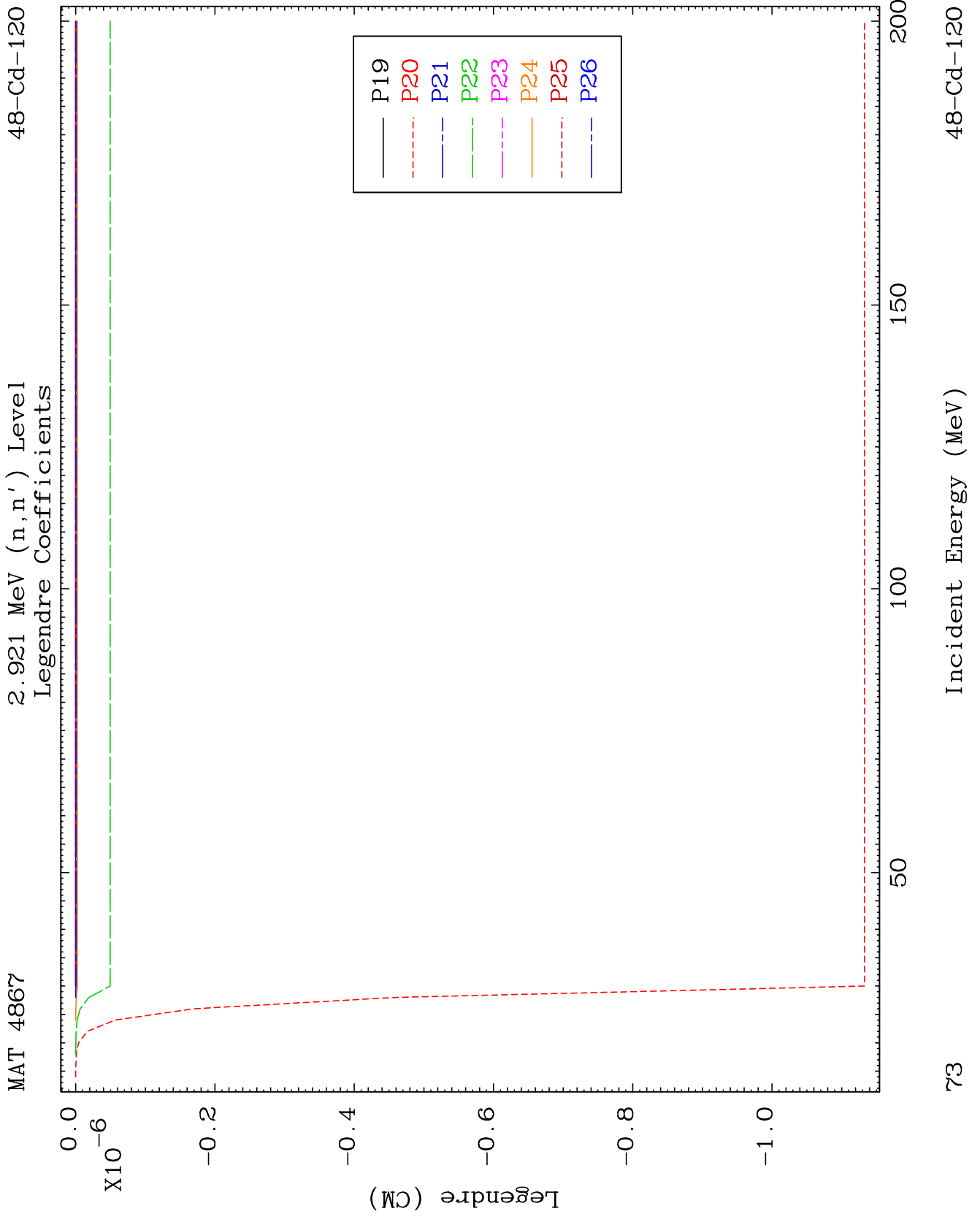
2.886 MeV (n, n') Level

48-Cd-120

70

Incident Energy (MeV)

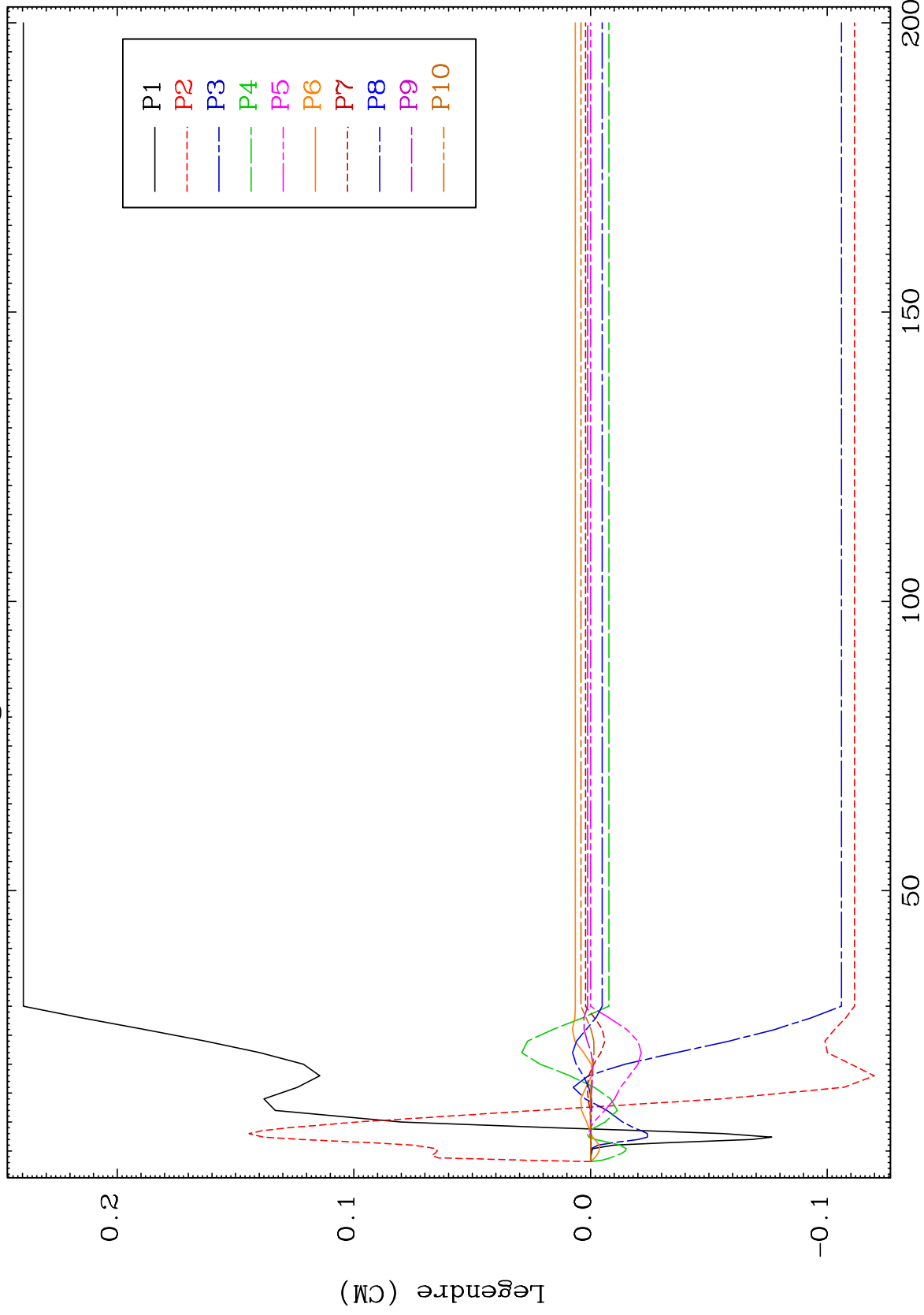
48-Cd-120



MAT 4867

3.130 MeV (n,n') Level
Legendre Coefficients

48-Cd-120



74

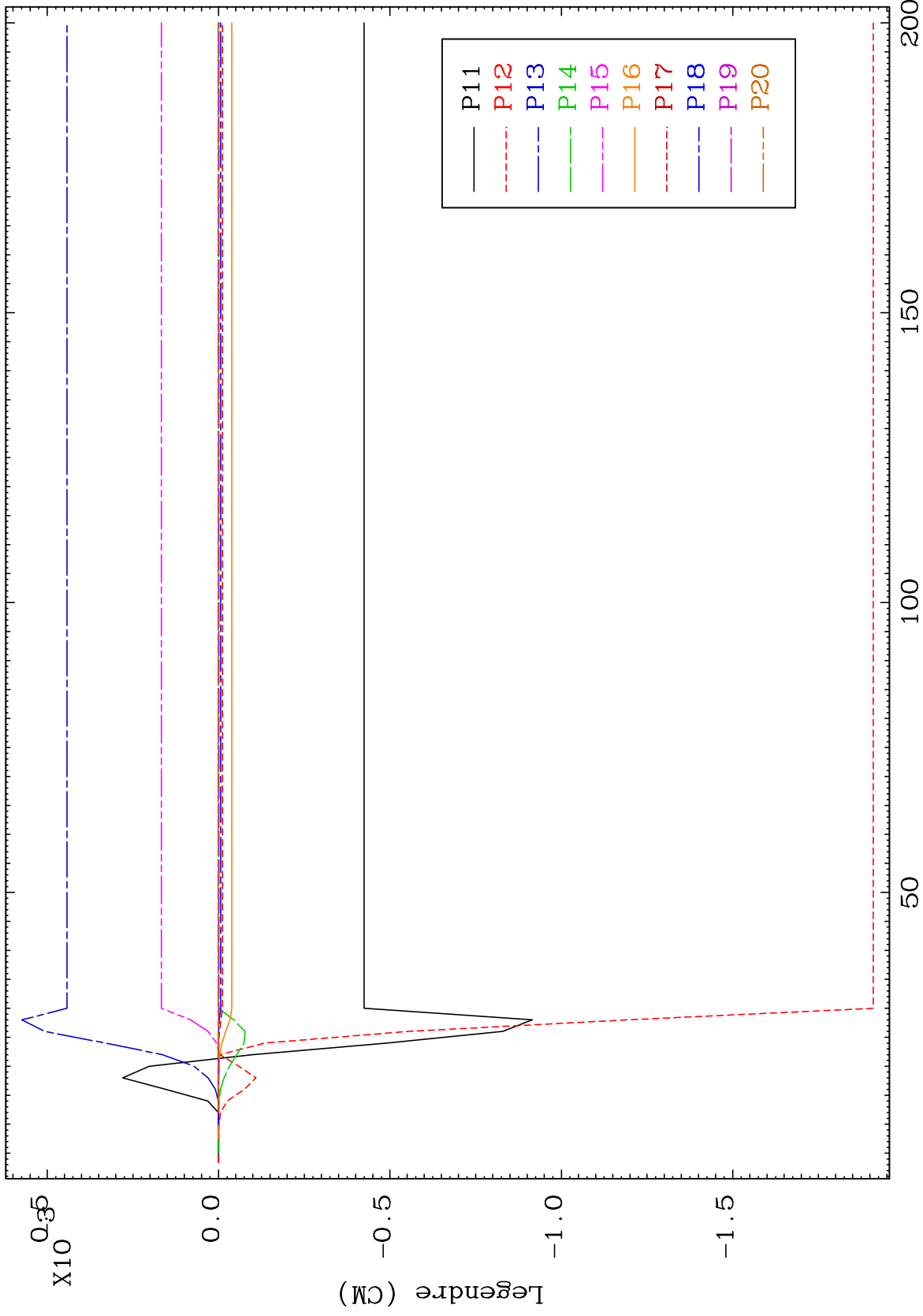
Incident Energy (MeV)

48-Cd-120

MAT 4867

3.130 MeV (n, n') Level
Legendre Coefficients

48-Cd-120



75

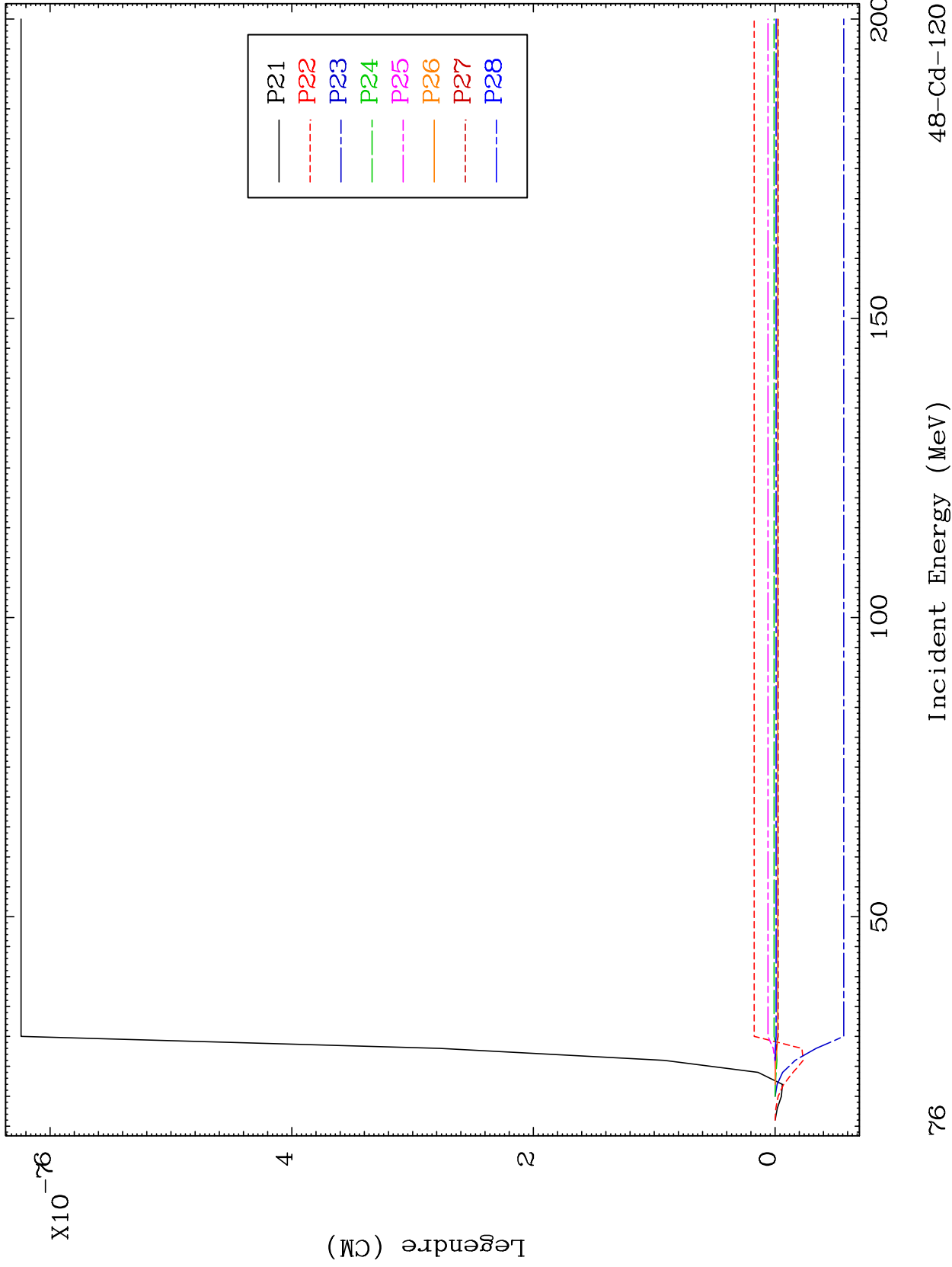
Incident Energy (MeV)

48-Cd-120

MAT 4867

3.130 MeV (n, n') Level
Legendre Coefficients

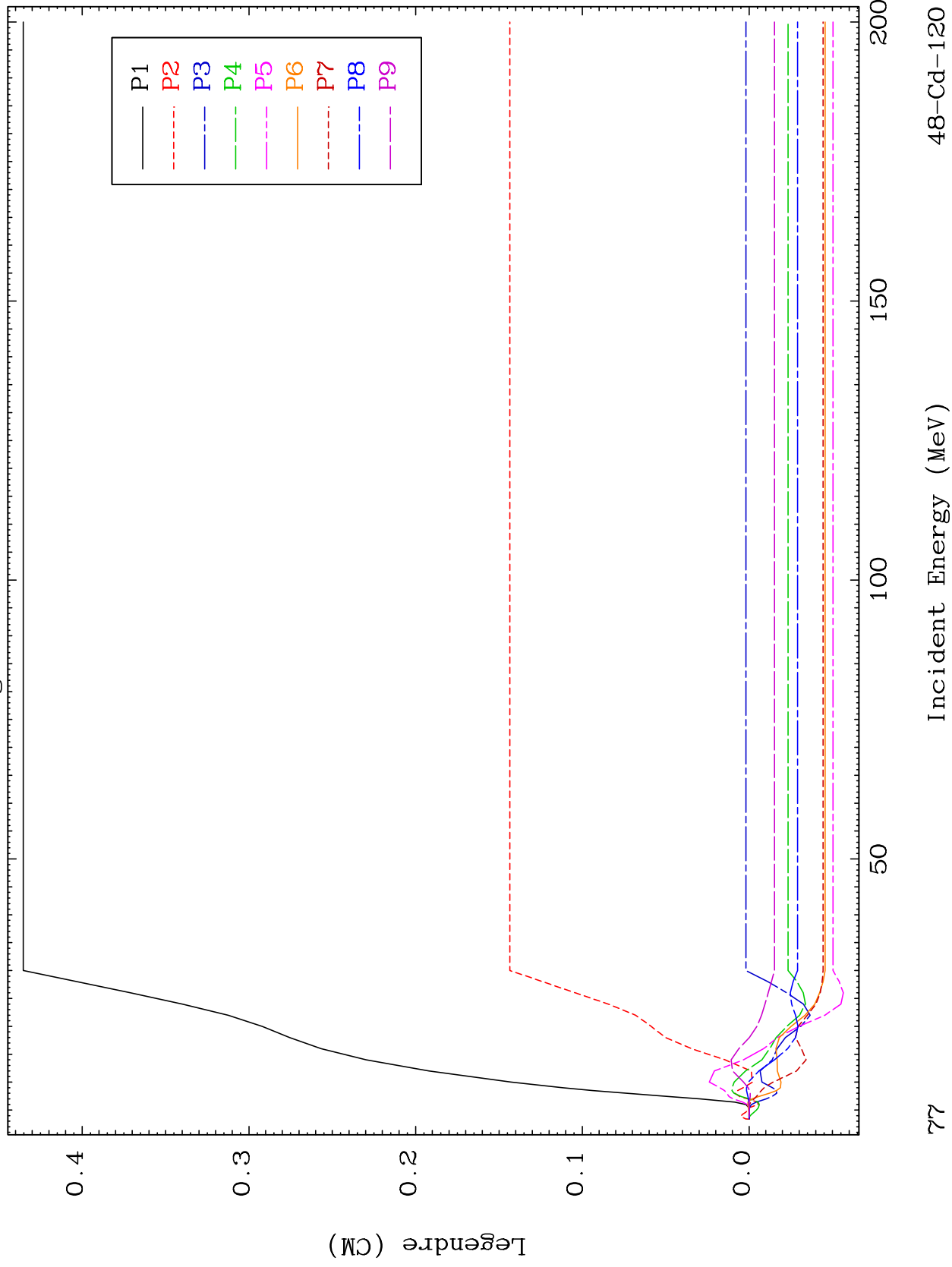
48-Cd-120



MAT 4867

3.329 MeV (n,n') Level
Legendre Coefficients

48-Cd-120



77

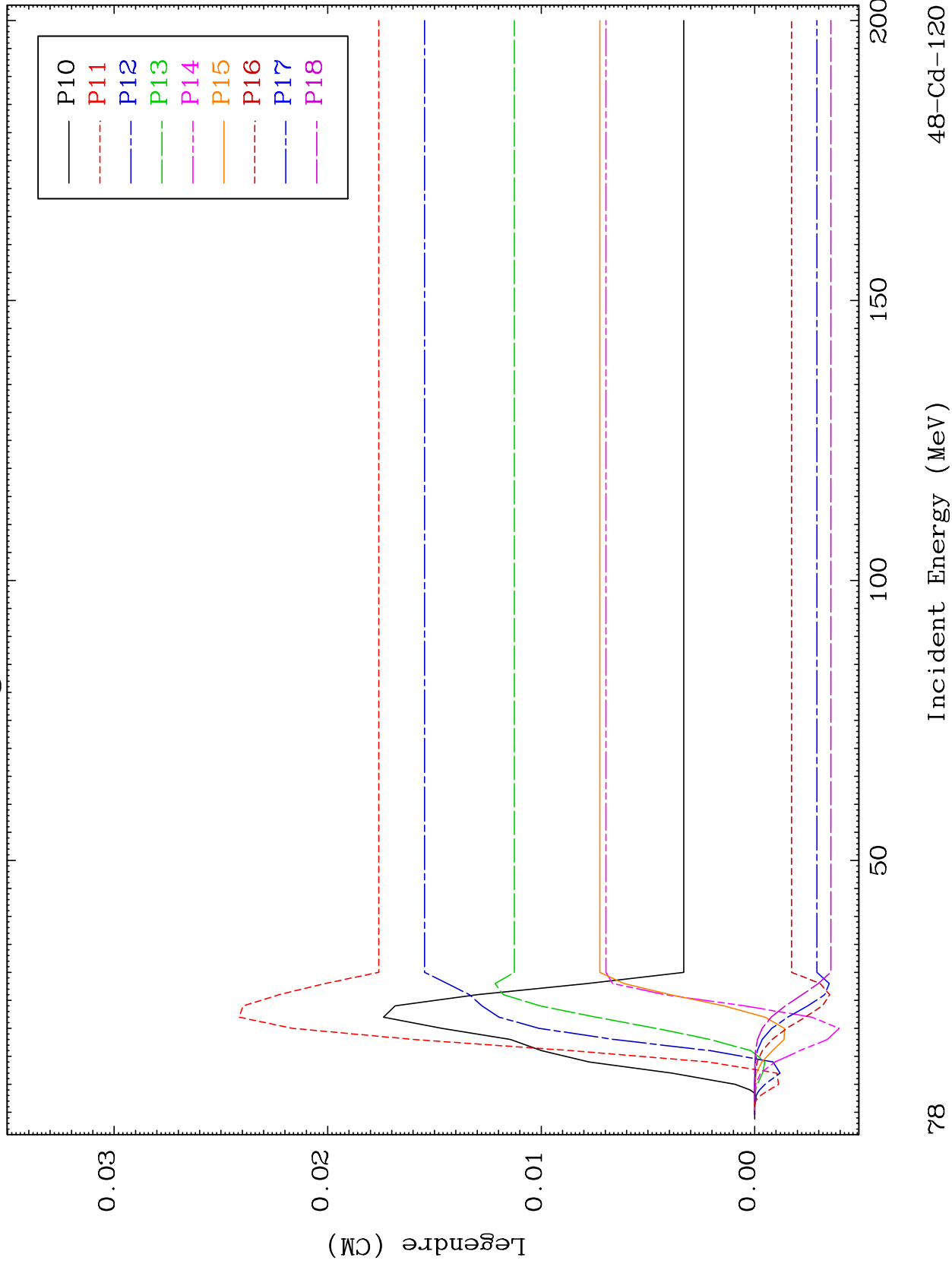
Incident Energy (MeV)

48-Cd-120

MAT 4867

3.329 MeV (n,n') Level
Legendre Coefficients

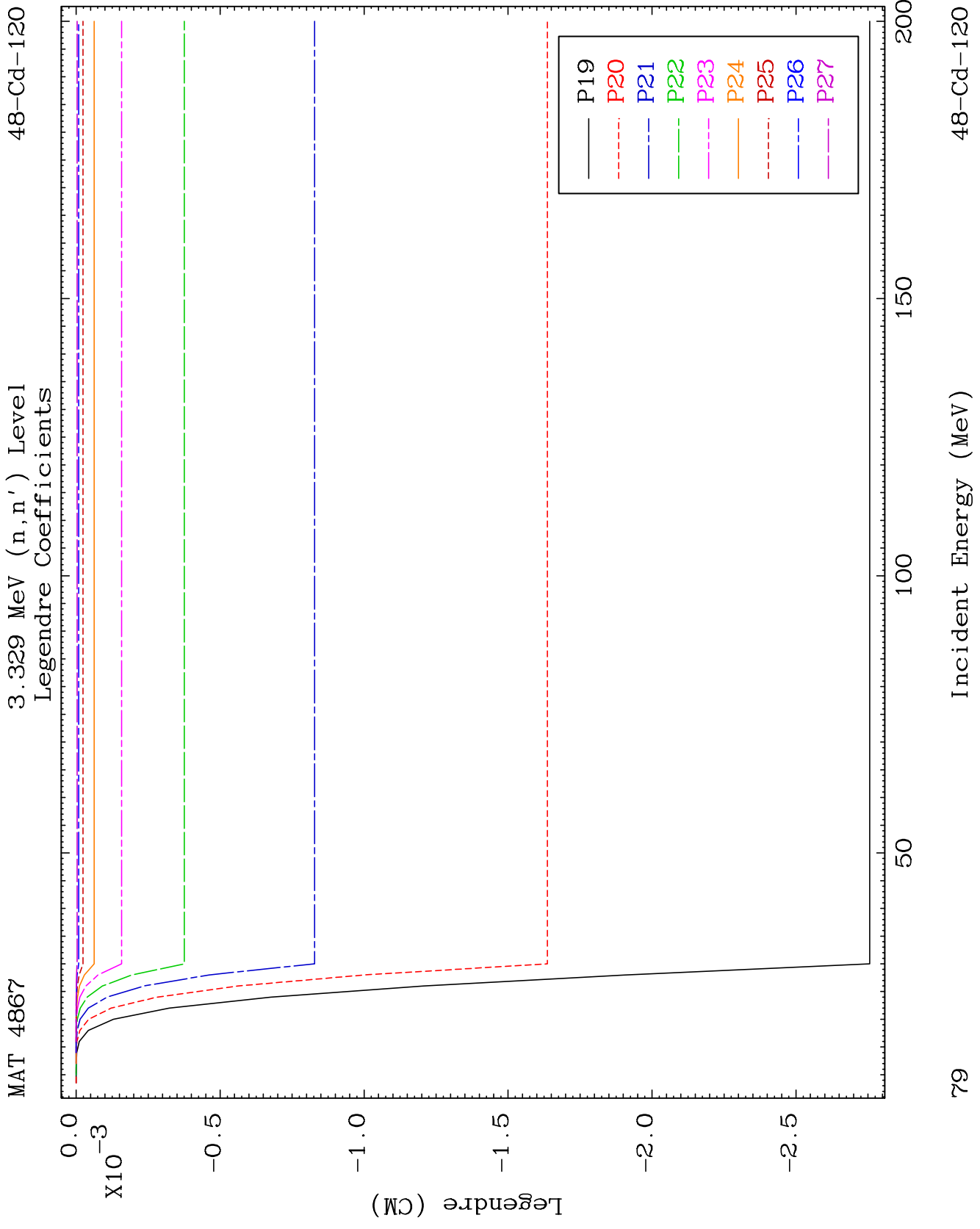
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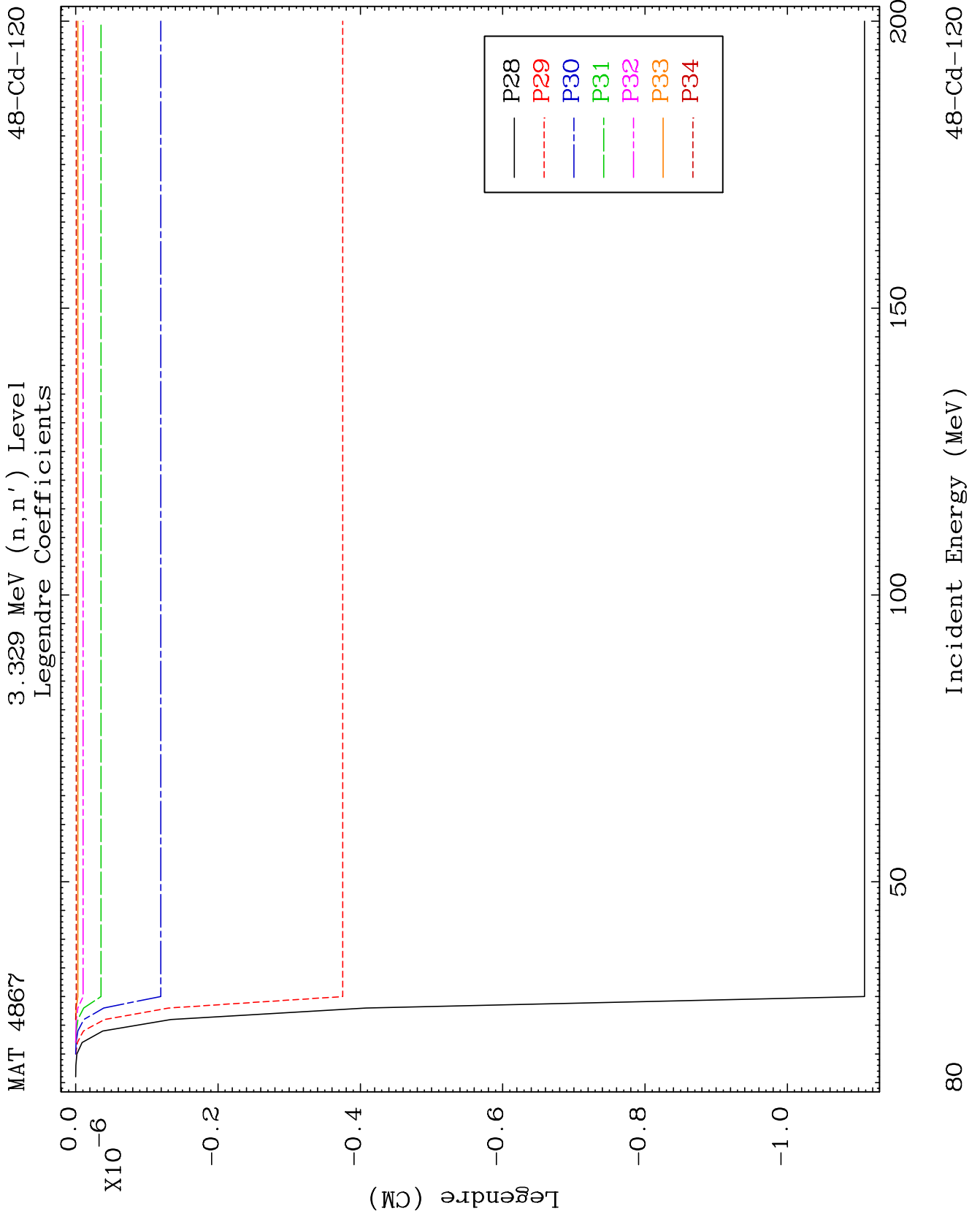


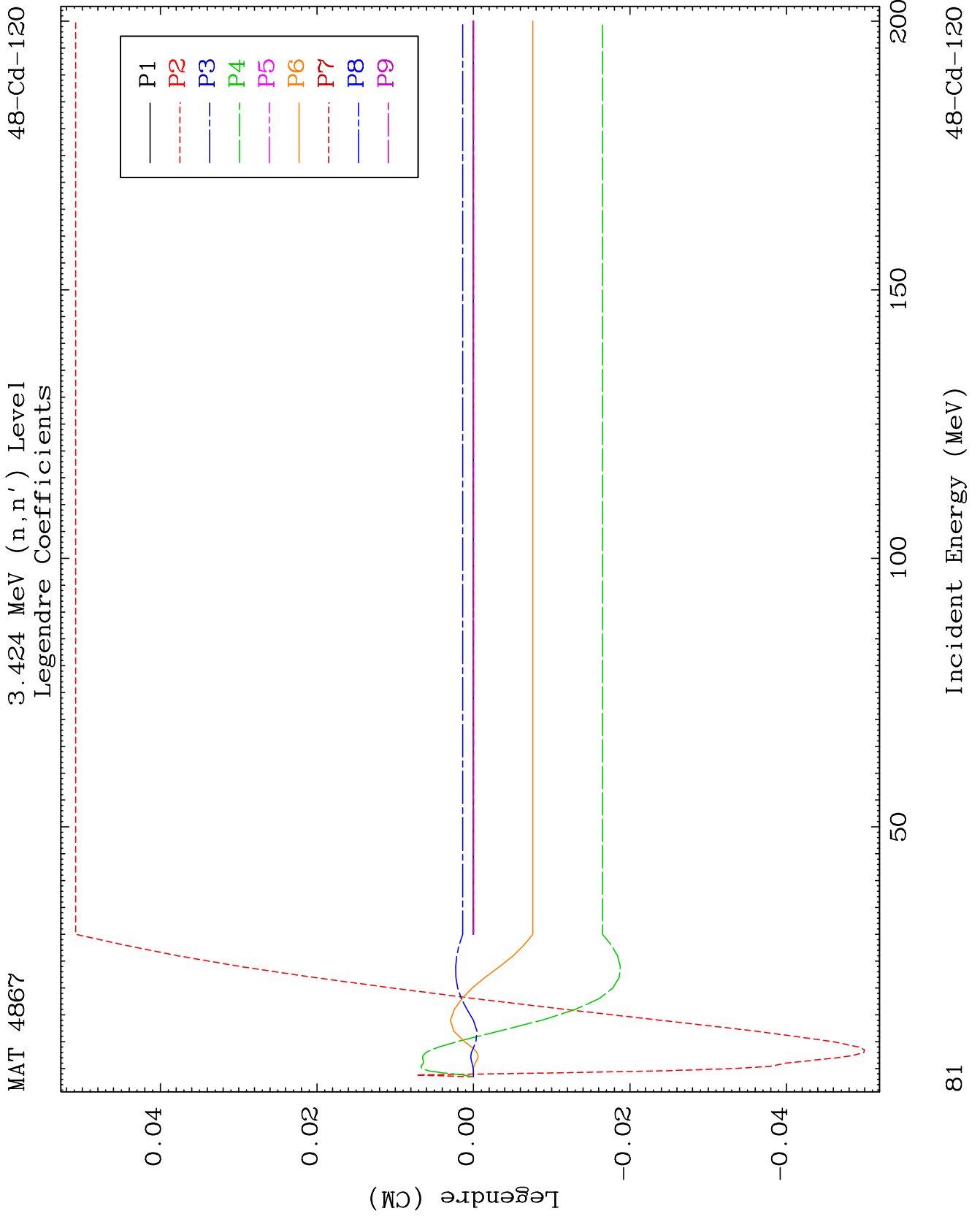
78

Incident Energy (MeV)

48-Cd-120



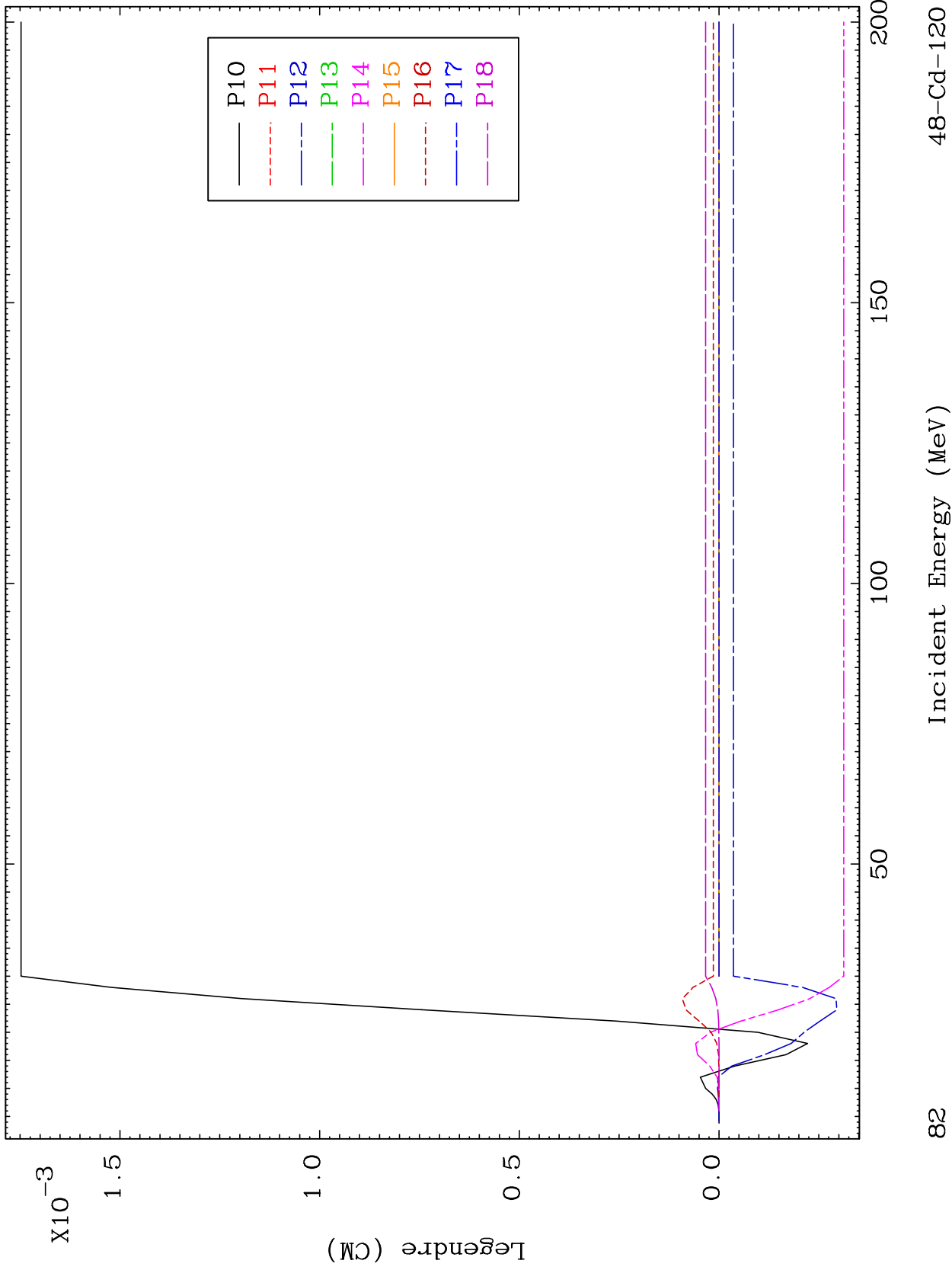




MAT 4867

3.424 MeV (n,n') Level
Legendre Coefficients

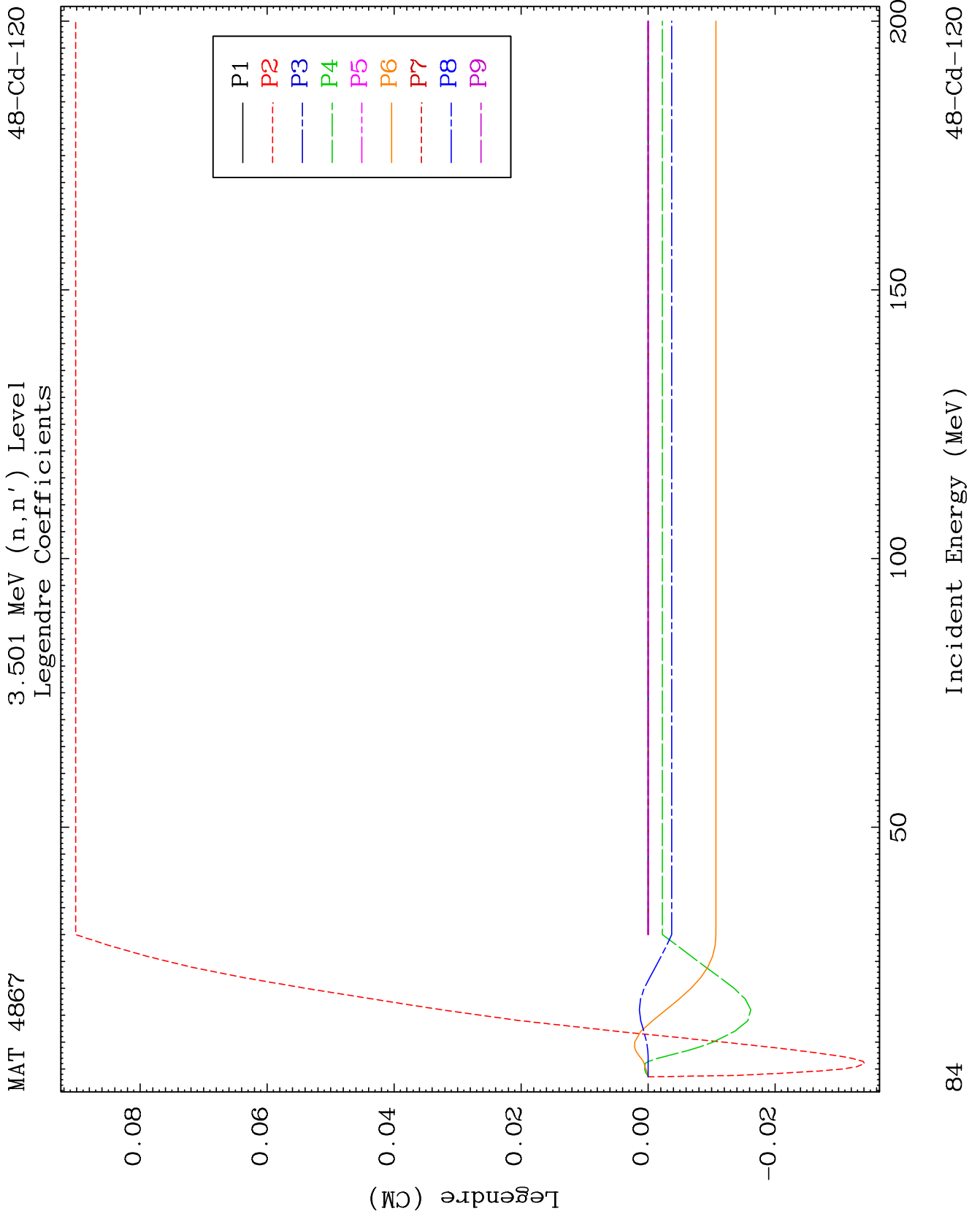
48-Cd-120

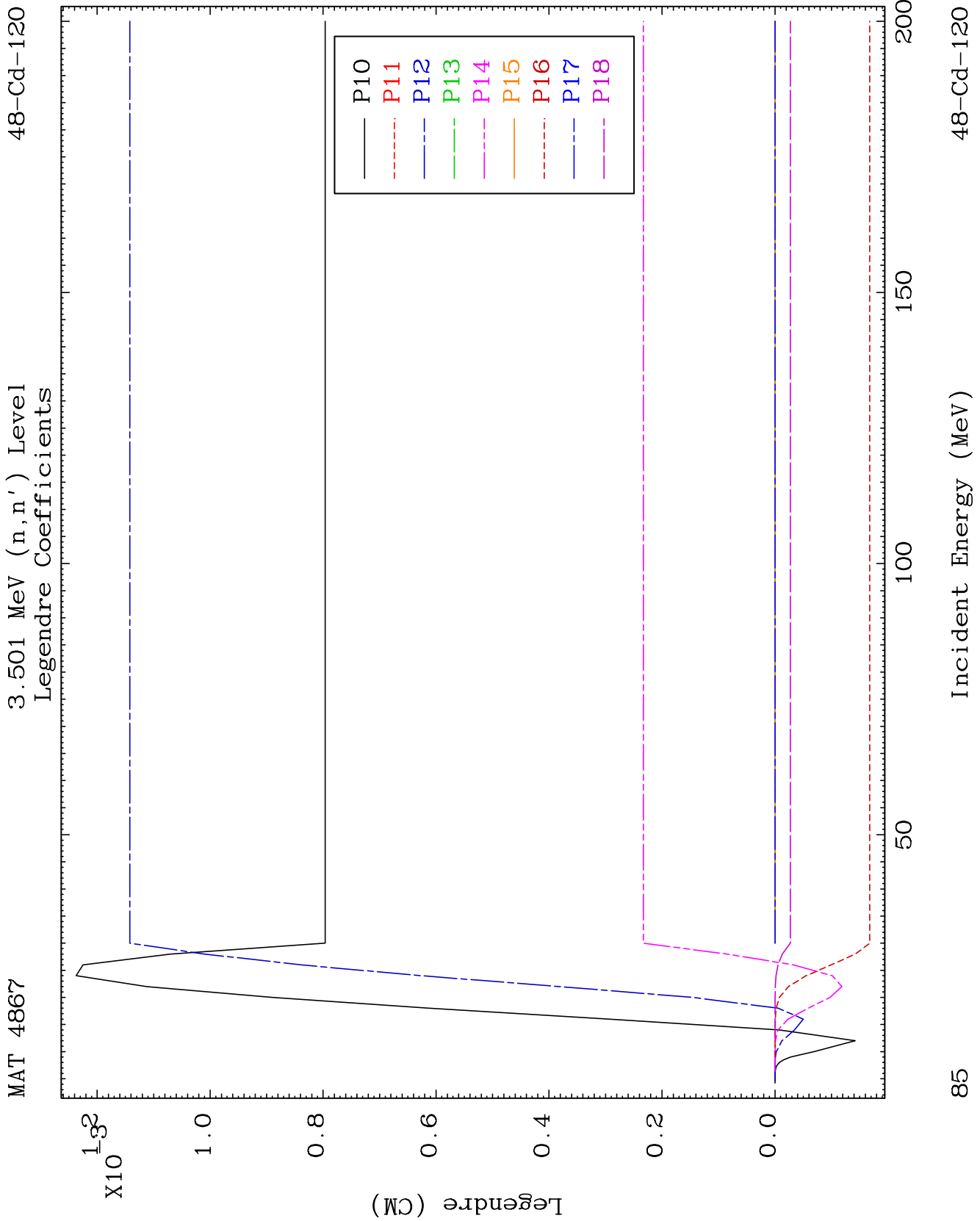


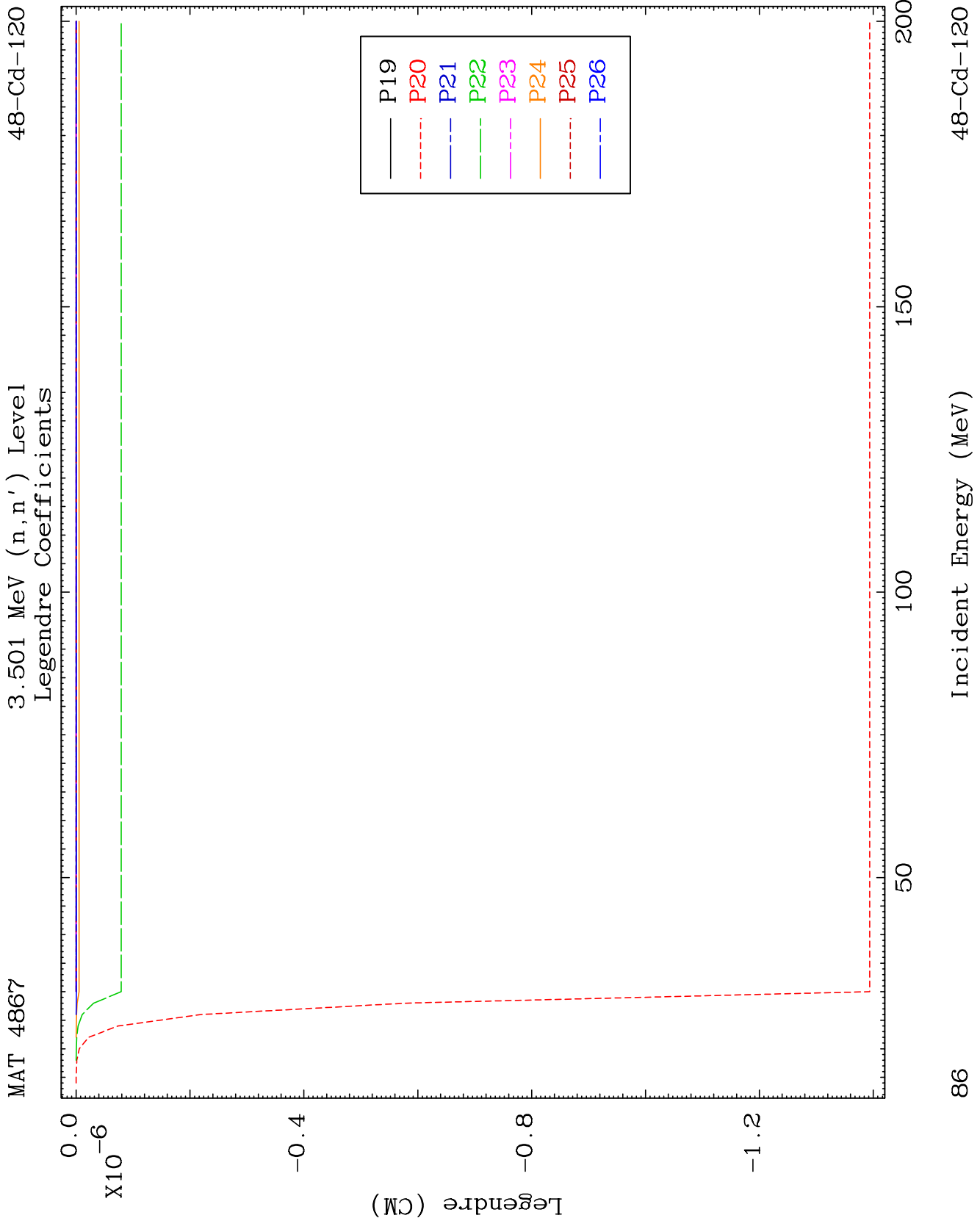
82

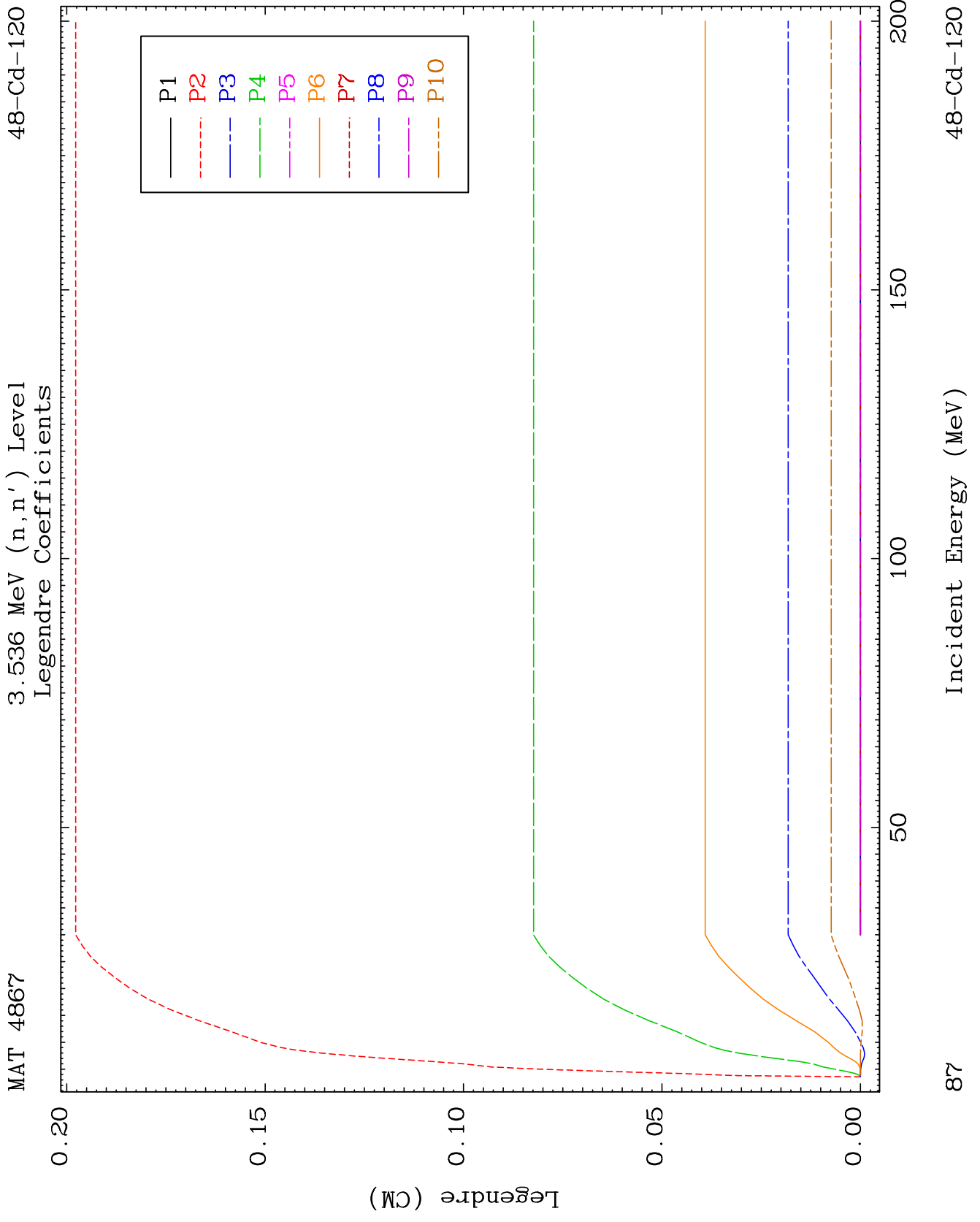
Incident Energy (MeV)

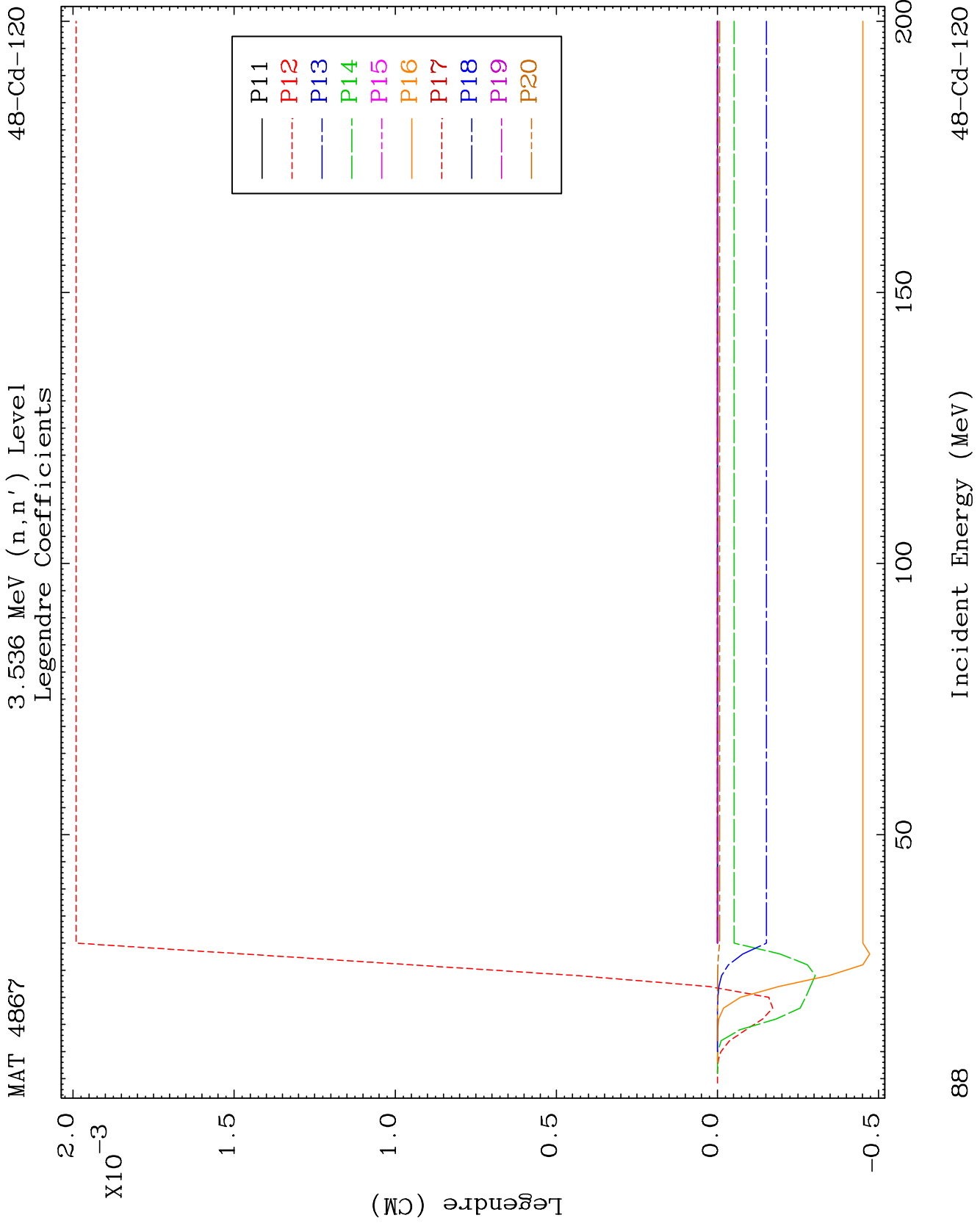
48-Cd-120

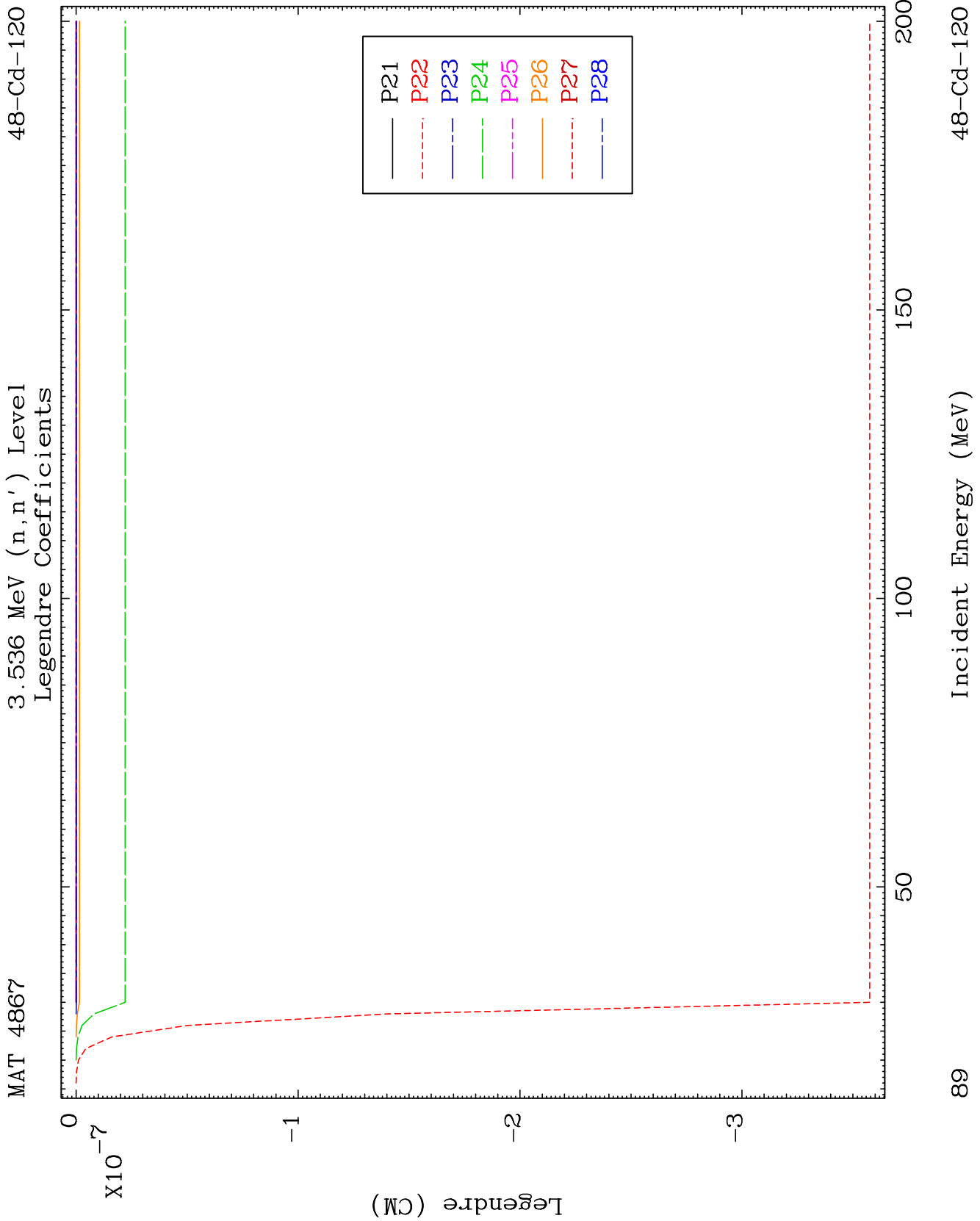


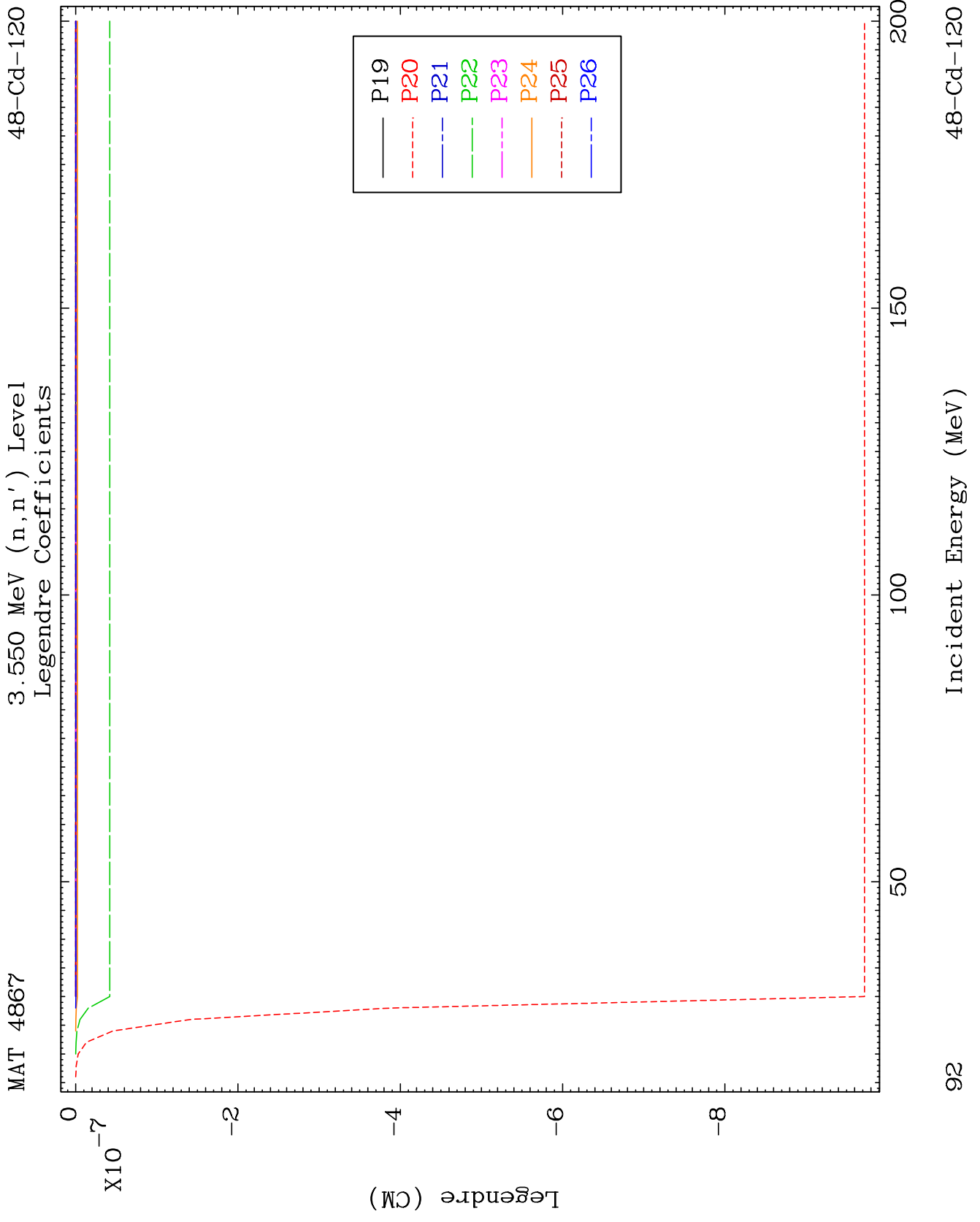


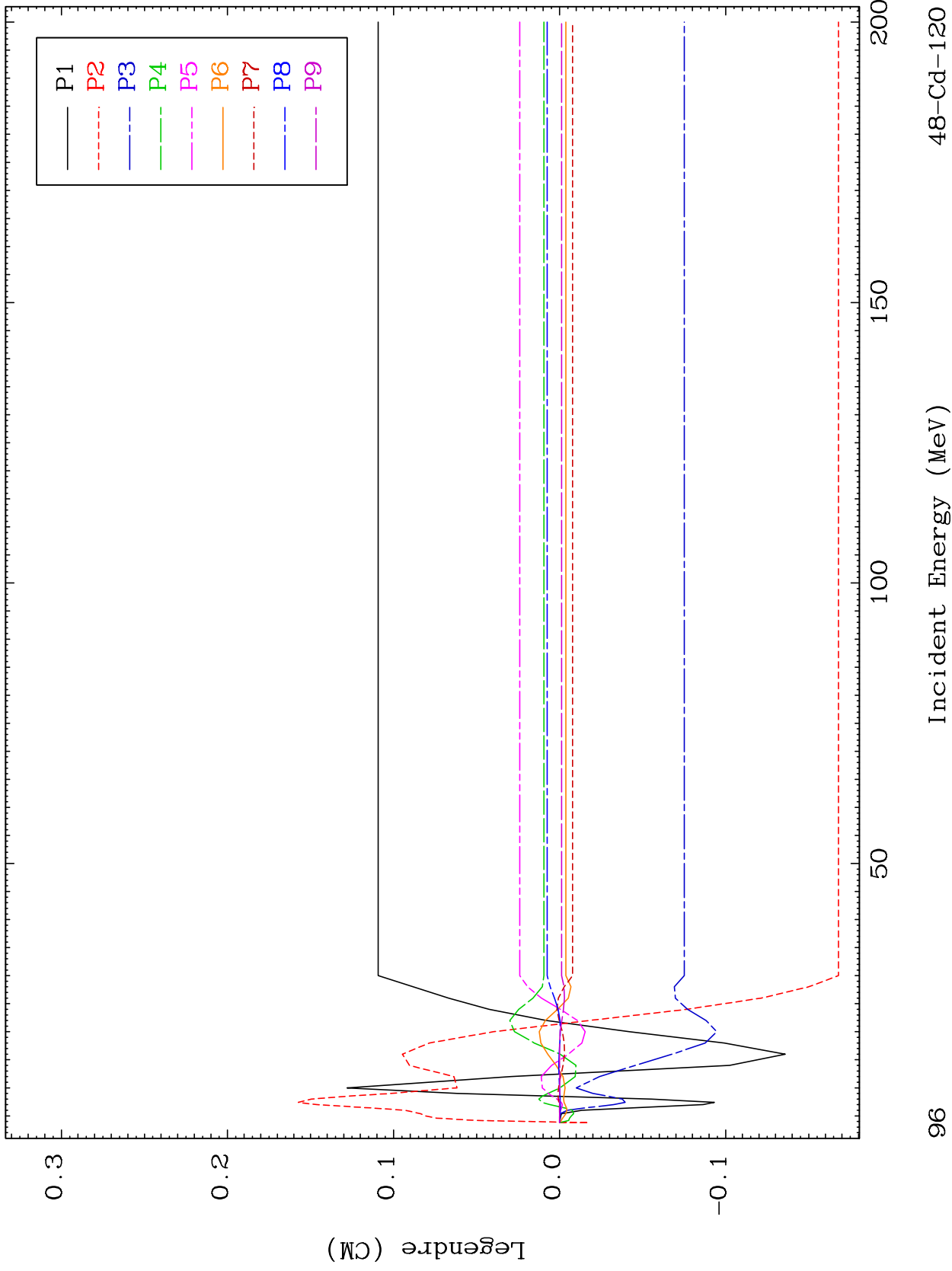








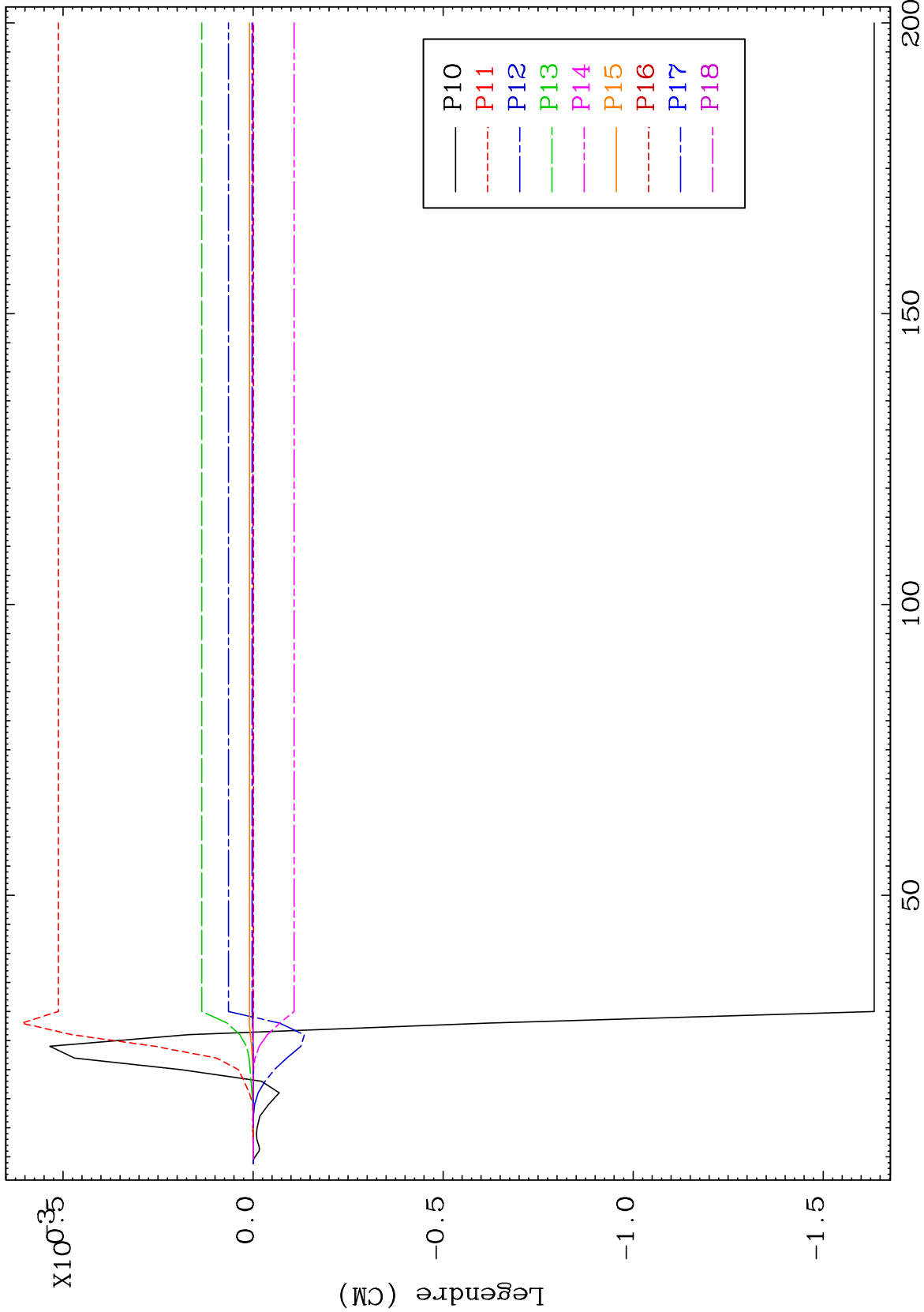


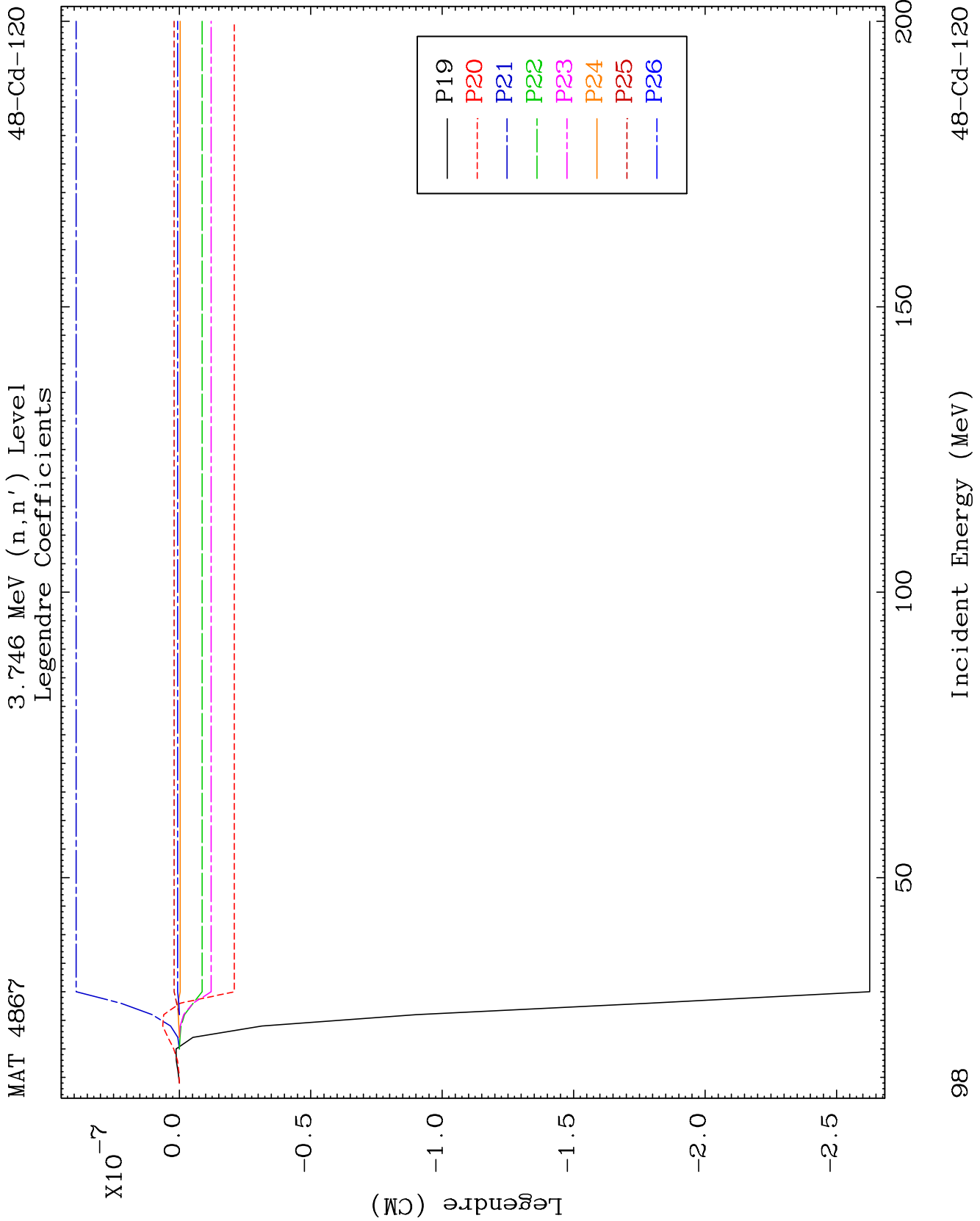


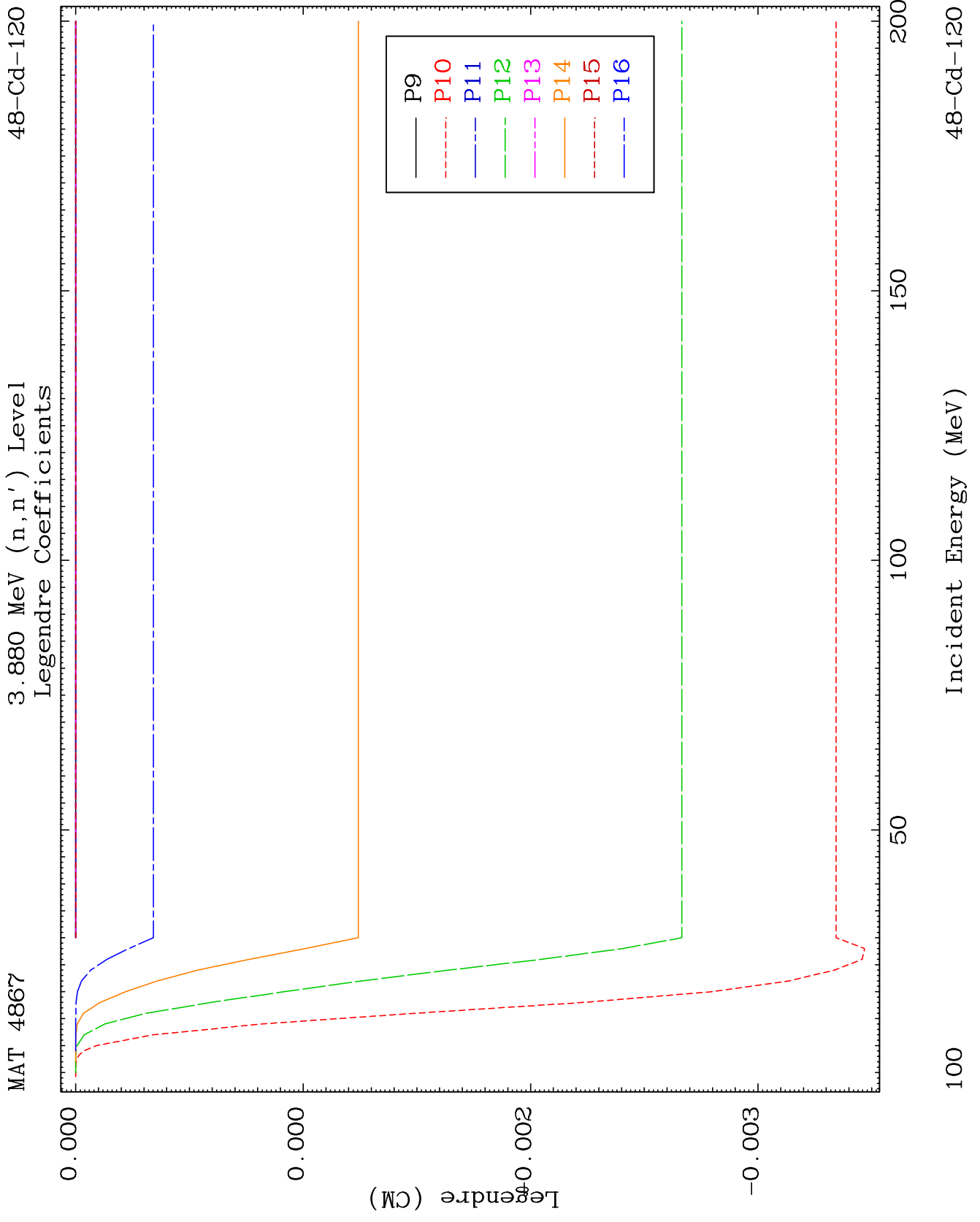
MAT 4867

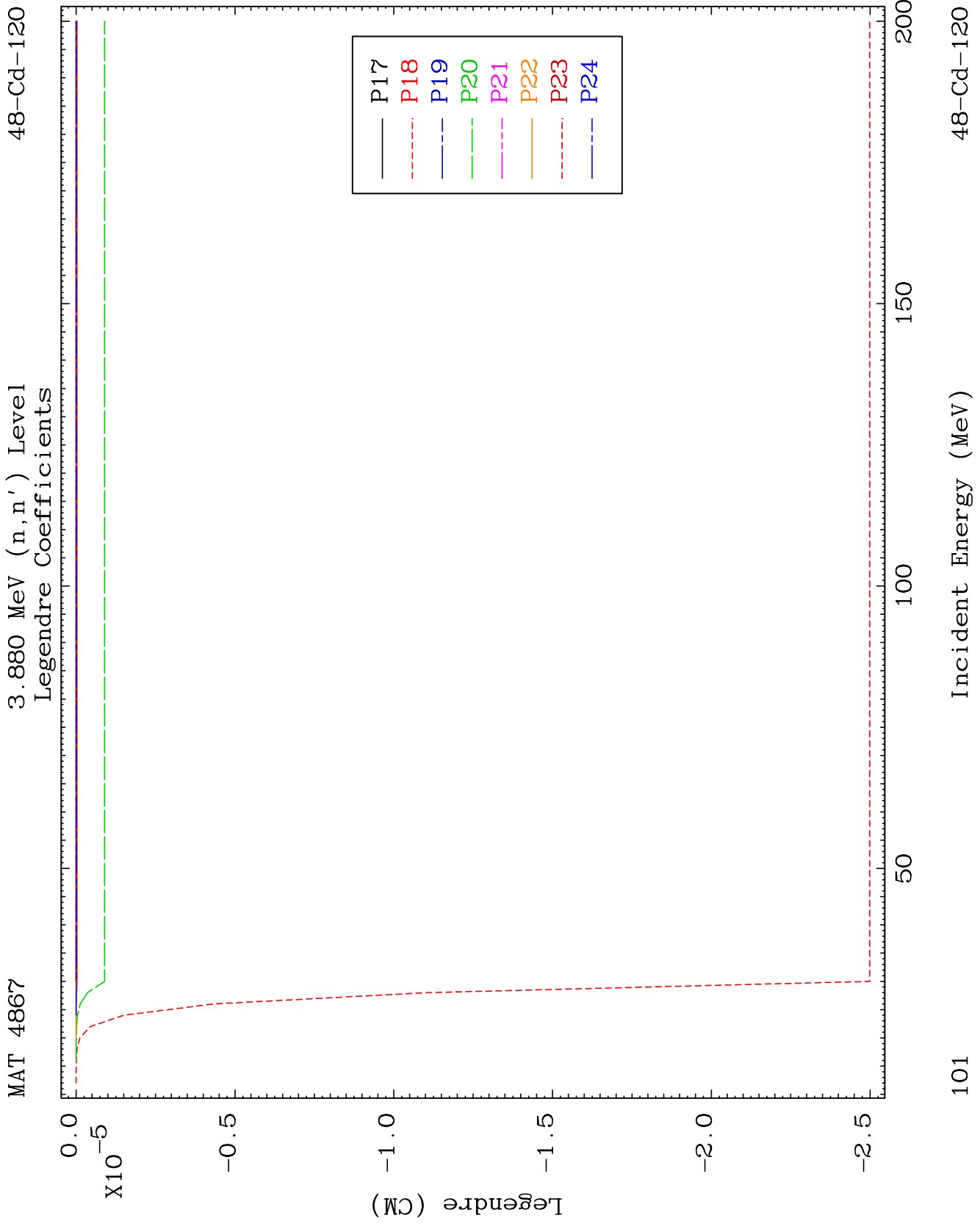
3.746 MeV (n,n') Level
Legendre Coefficients

48-Cd-120







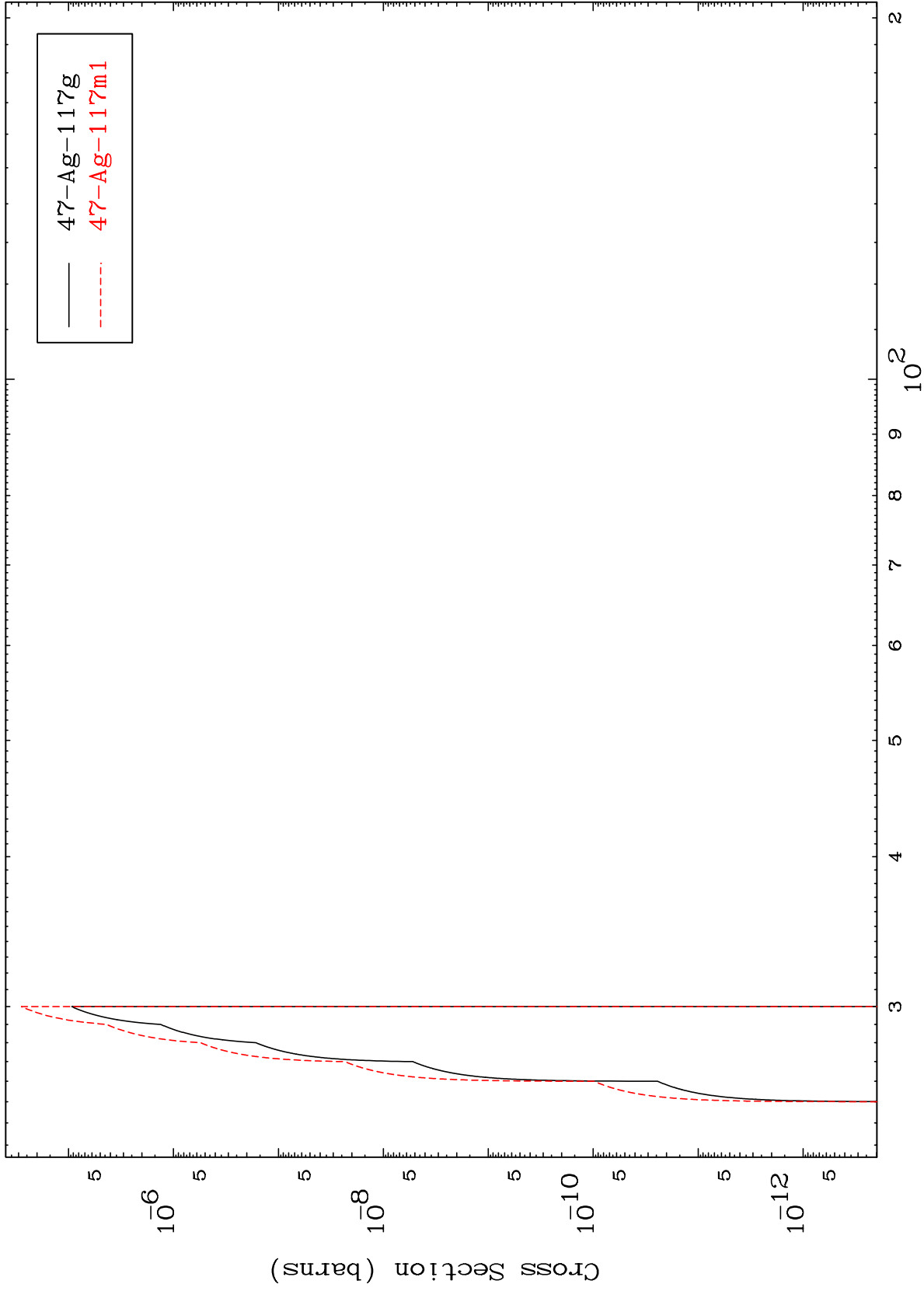


MAT 4867

(n,2n) d

48-Cd-120

Radionuclide Production Cross Section



102

Incident Energy (MeV)

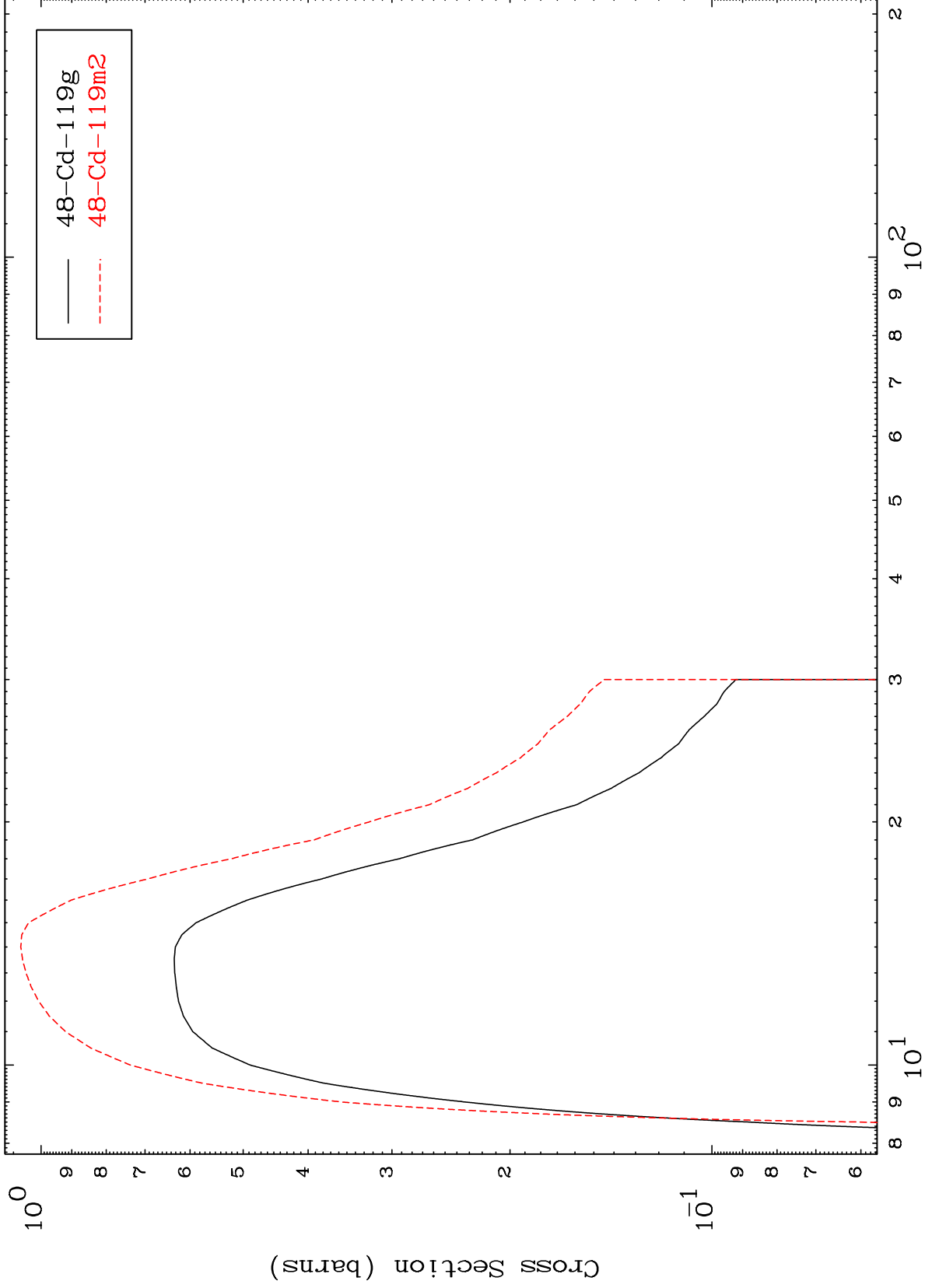
48-Cd-120

MAT 4867

(n,2n)

48-Cd-120

Radionuclide Production Cross Section



103

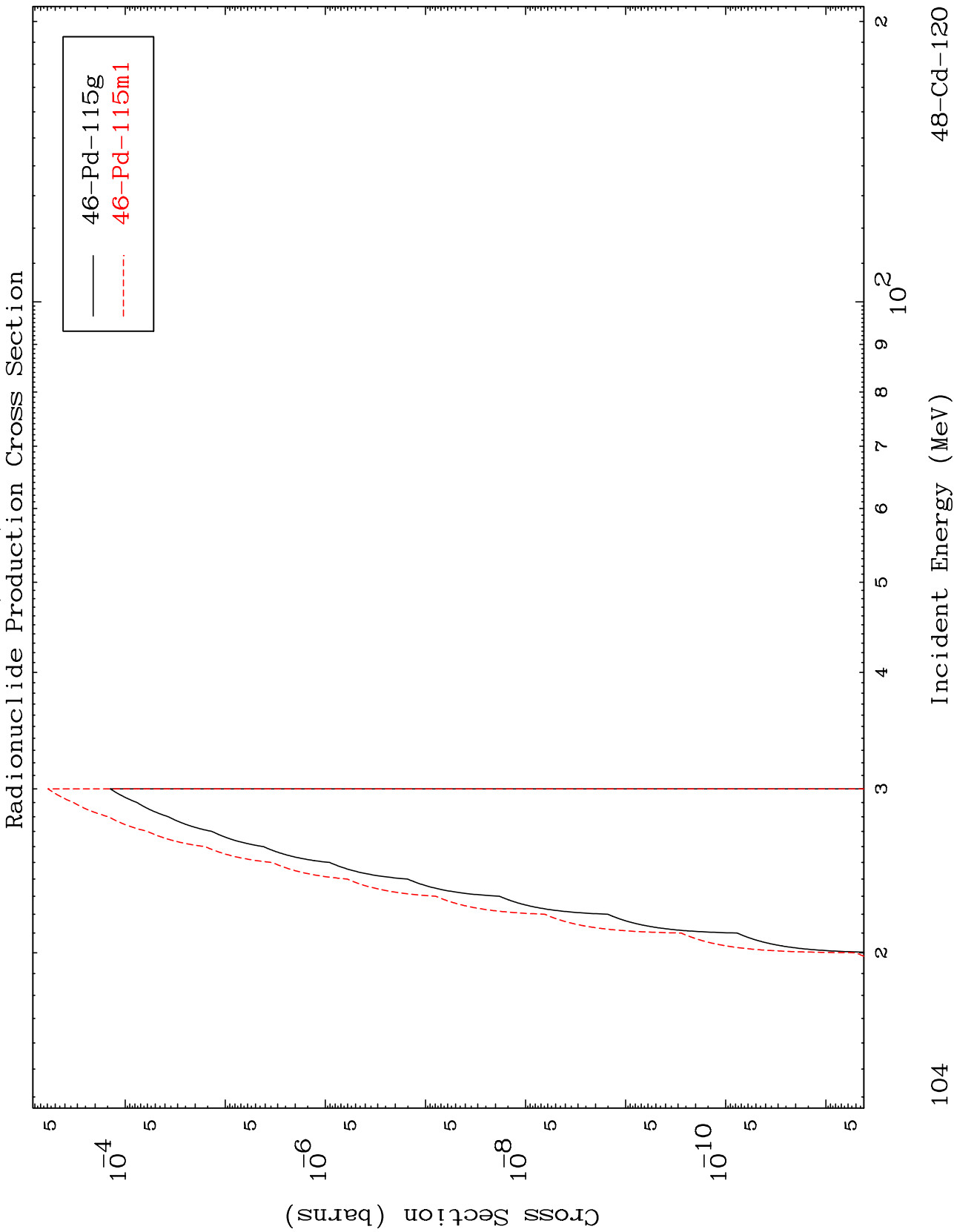
Incident Energy (MeV)

48-Cd-120

MAT 4867

(n,2n) α

48-Cd-120



104

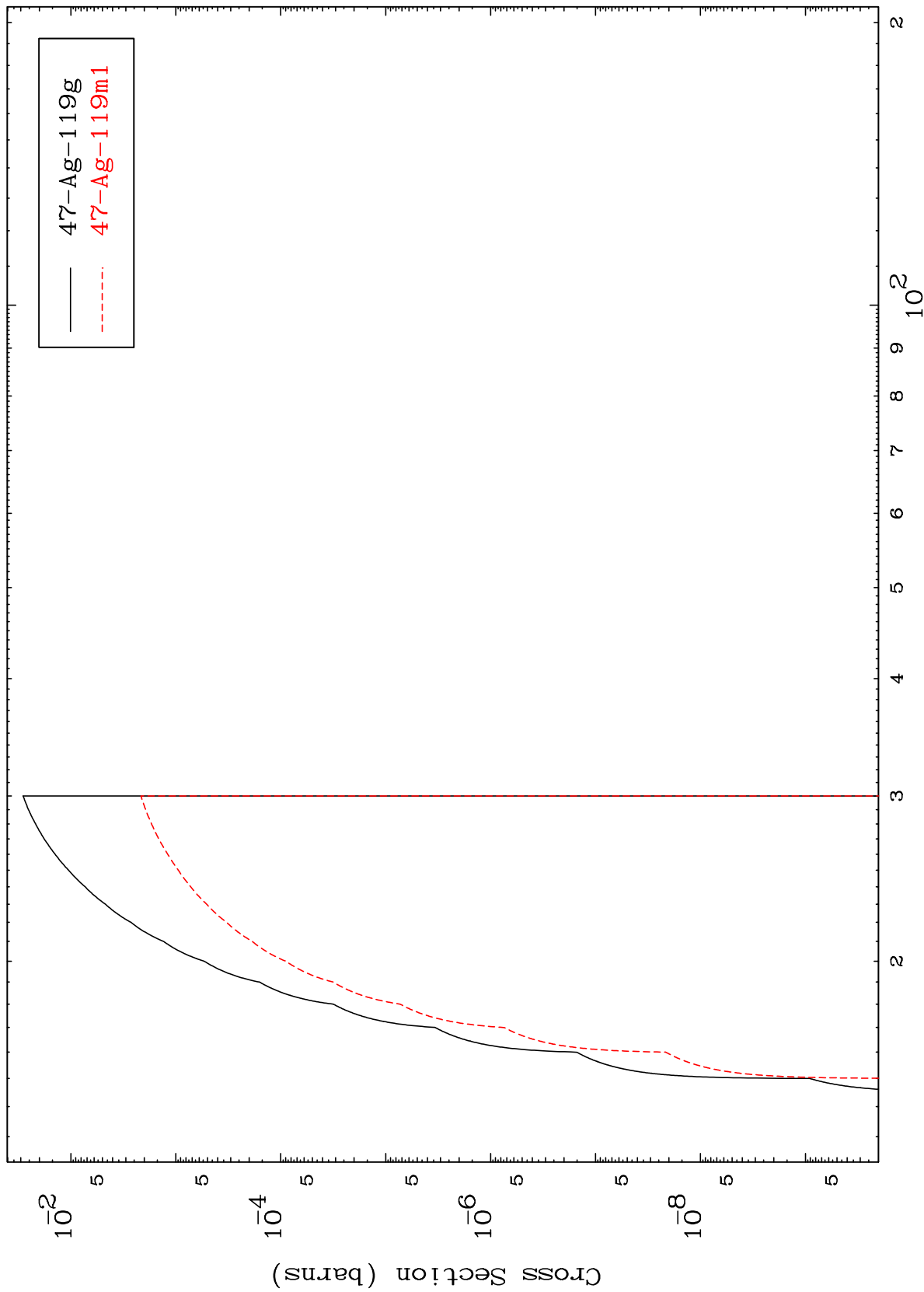
48-Cd-120

MAT 4867

(n,n') p

48-Cd-120

Radionuclide Production Cross Section



105

Incident Energy (MeV)

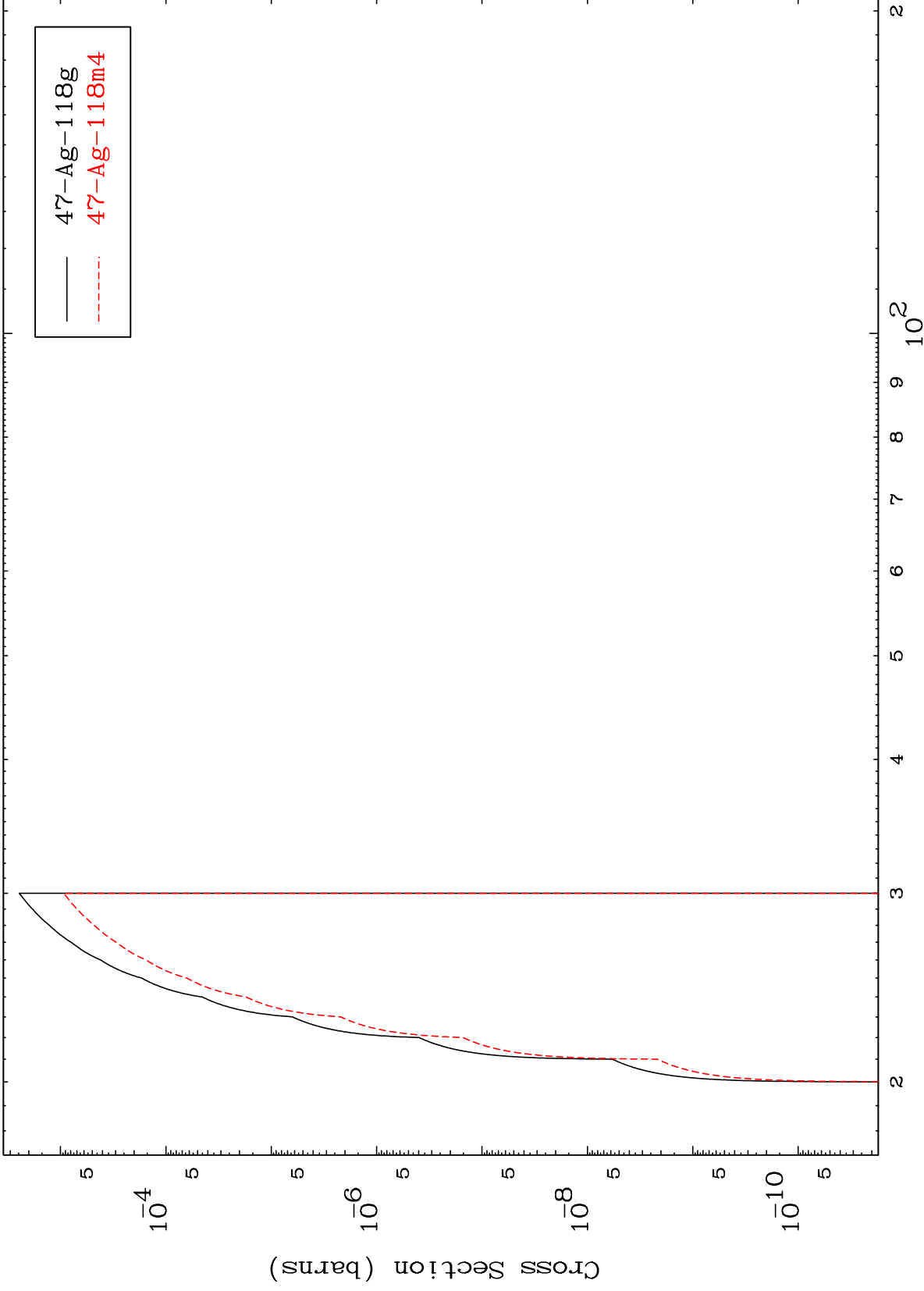
48-Cd-120

MAT 4867

(n,n') d

48-Cd-120

Radionuclide Production Cross Section



106

Incident Energy (MeV)

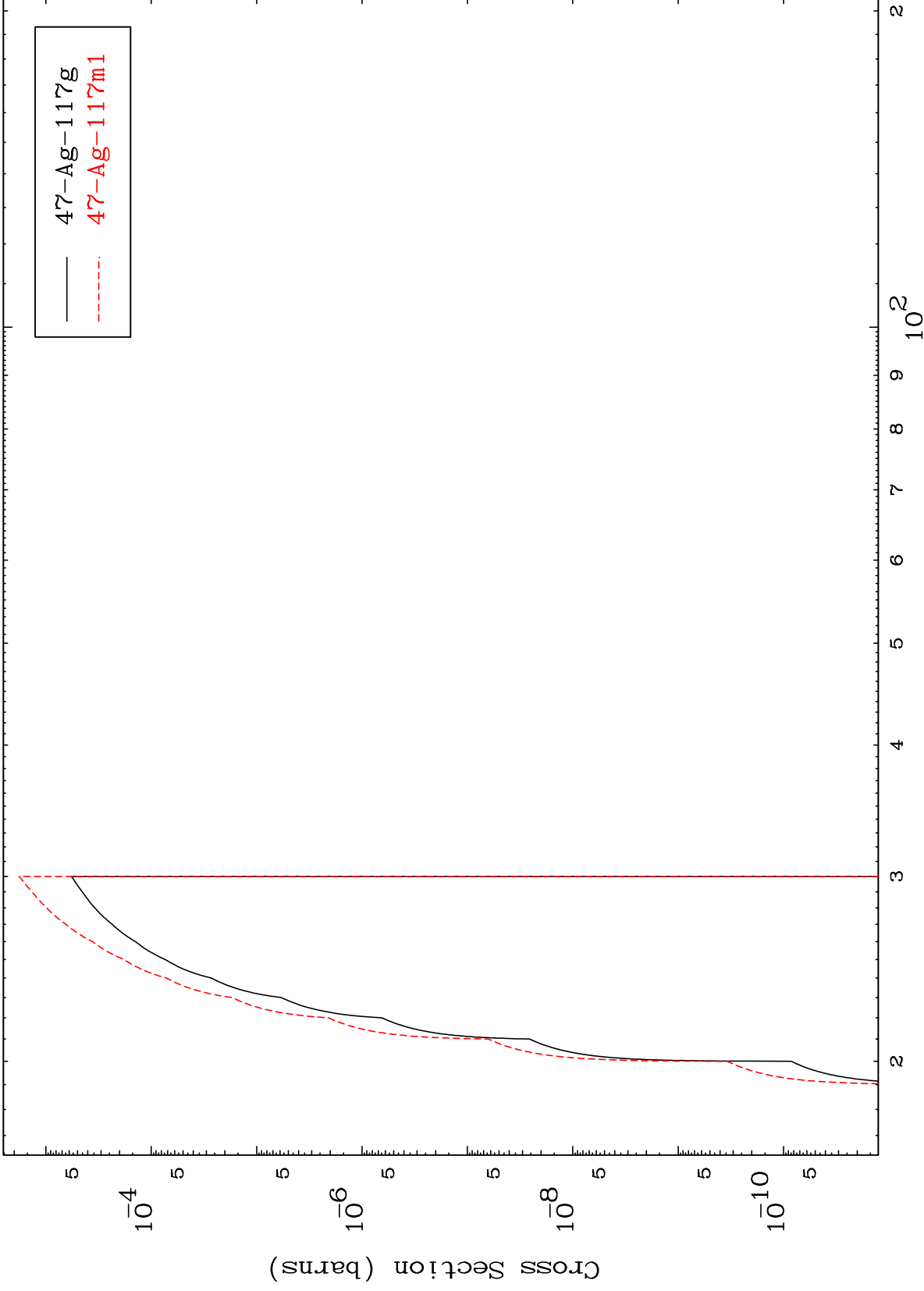
48-Cd-120

MAT 4867

(n,n') t

48-Cd-120

Radionuclide Production Cross Section



107

Incident Energy (MeV)

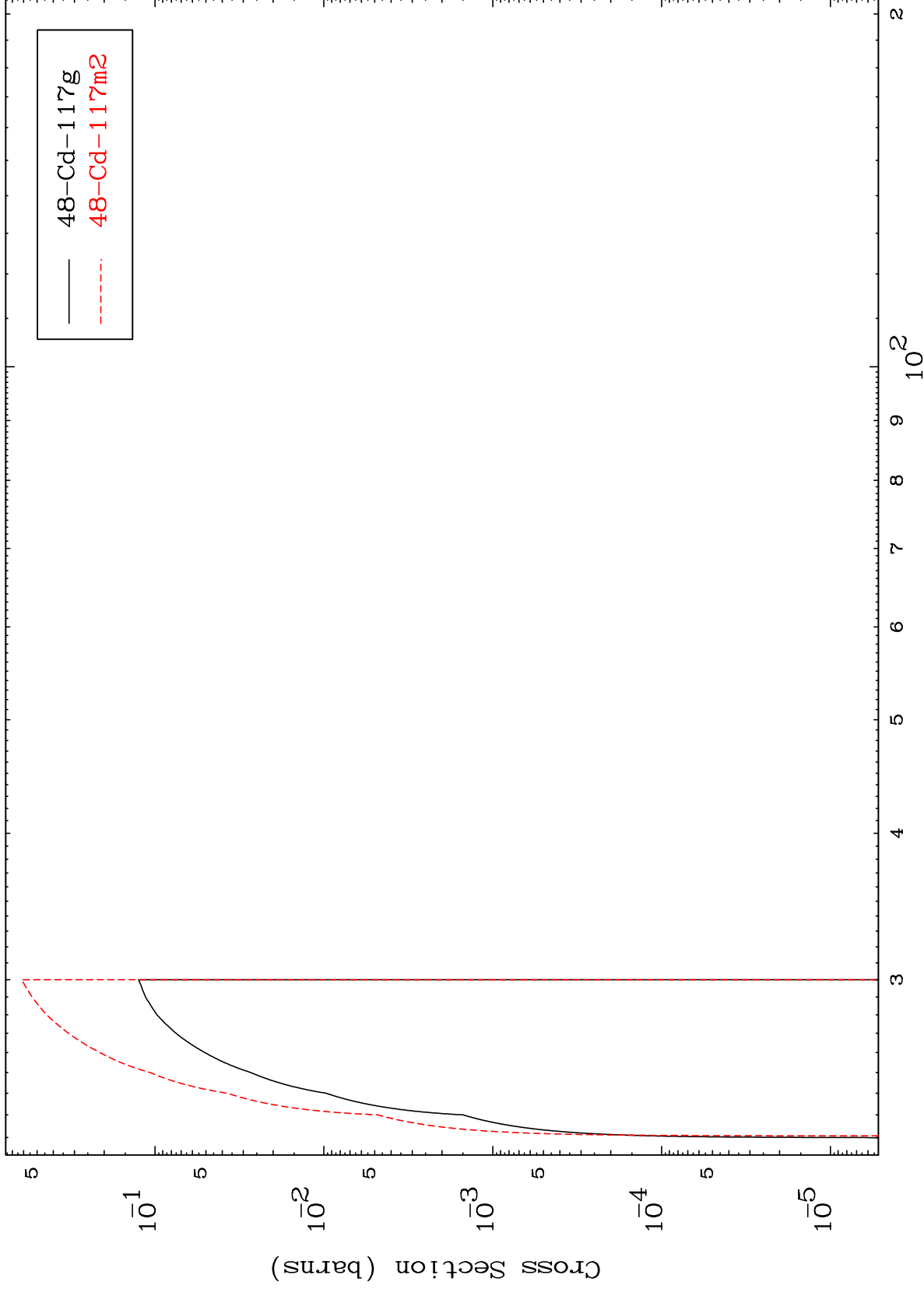
48-Cd-120

MAT 4867

(n,4n)

48-Cd-120

Radionuclide Production Cross Section



108

Incident Energy (MeV)

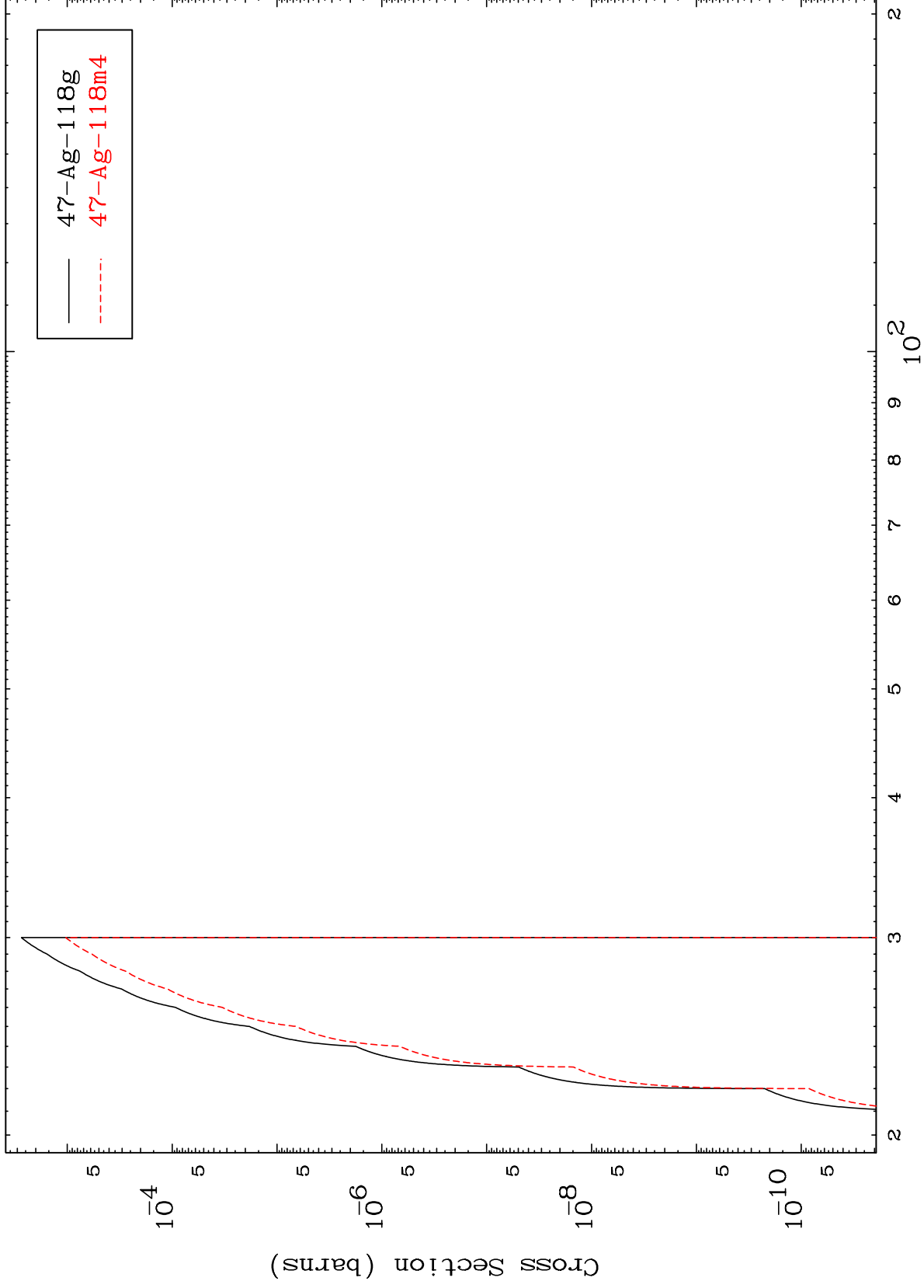
48-Cd-120

MAT 4867

(n,2n) p

48-Cd-120

Radionuclide Production Cross Section



109

Incident Energy (MeV)

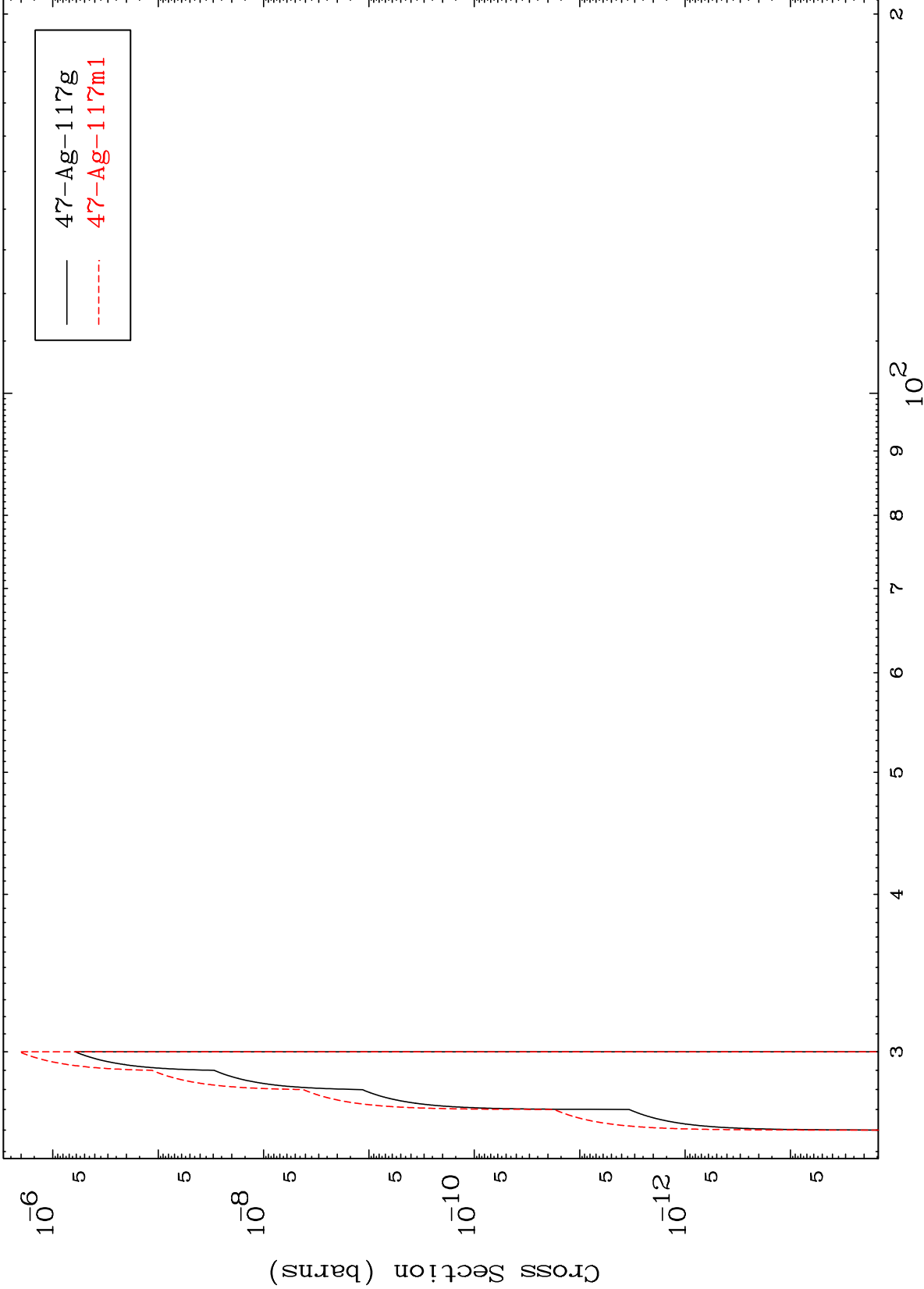
48-Cd-120

MAT 4867

(n,3n) p

48-Cd-120

Radionuclide Production Cross Section



110

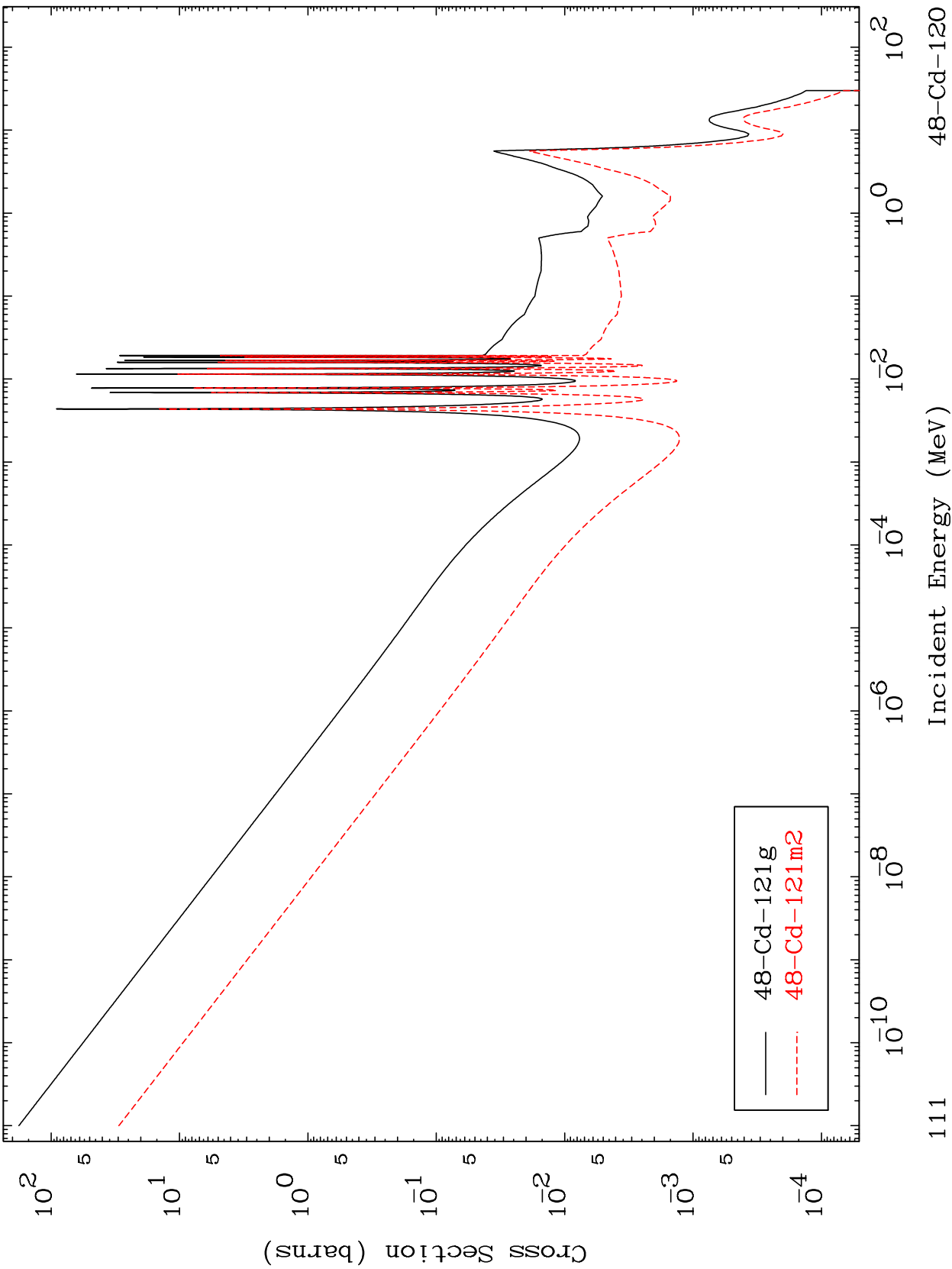
Incident Energy (MeV)

48-Cd-120

MAT 4867

48-Cd-120

(n, γ)
Radionuclide Production Cross Section

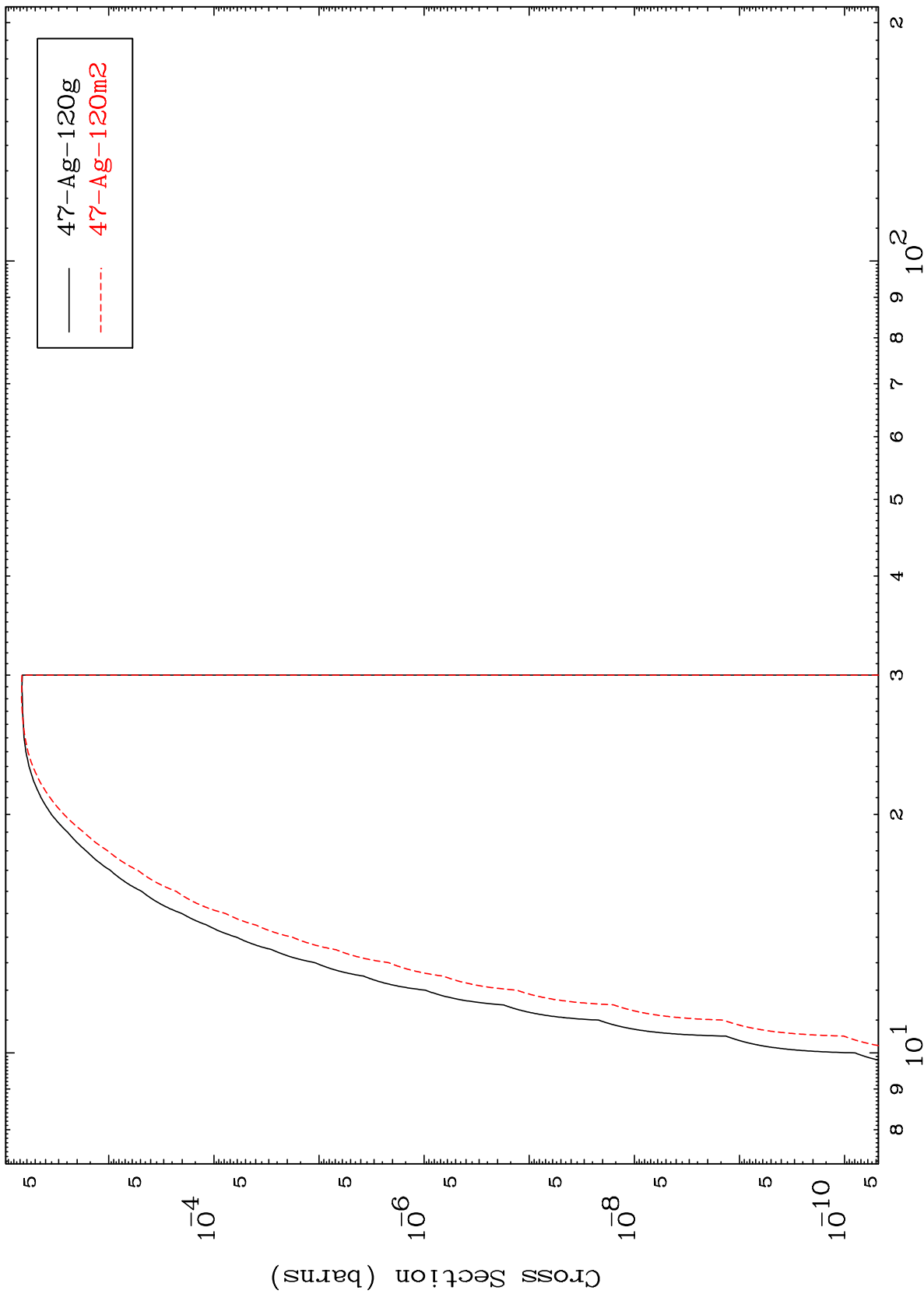


— 48-Cd-121g
- - - 48-Cd-121m2

MAT 4867

48-Cd-120

(n,p)
Radionuclide Production Cross Section



112

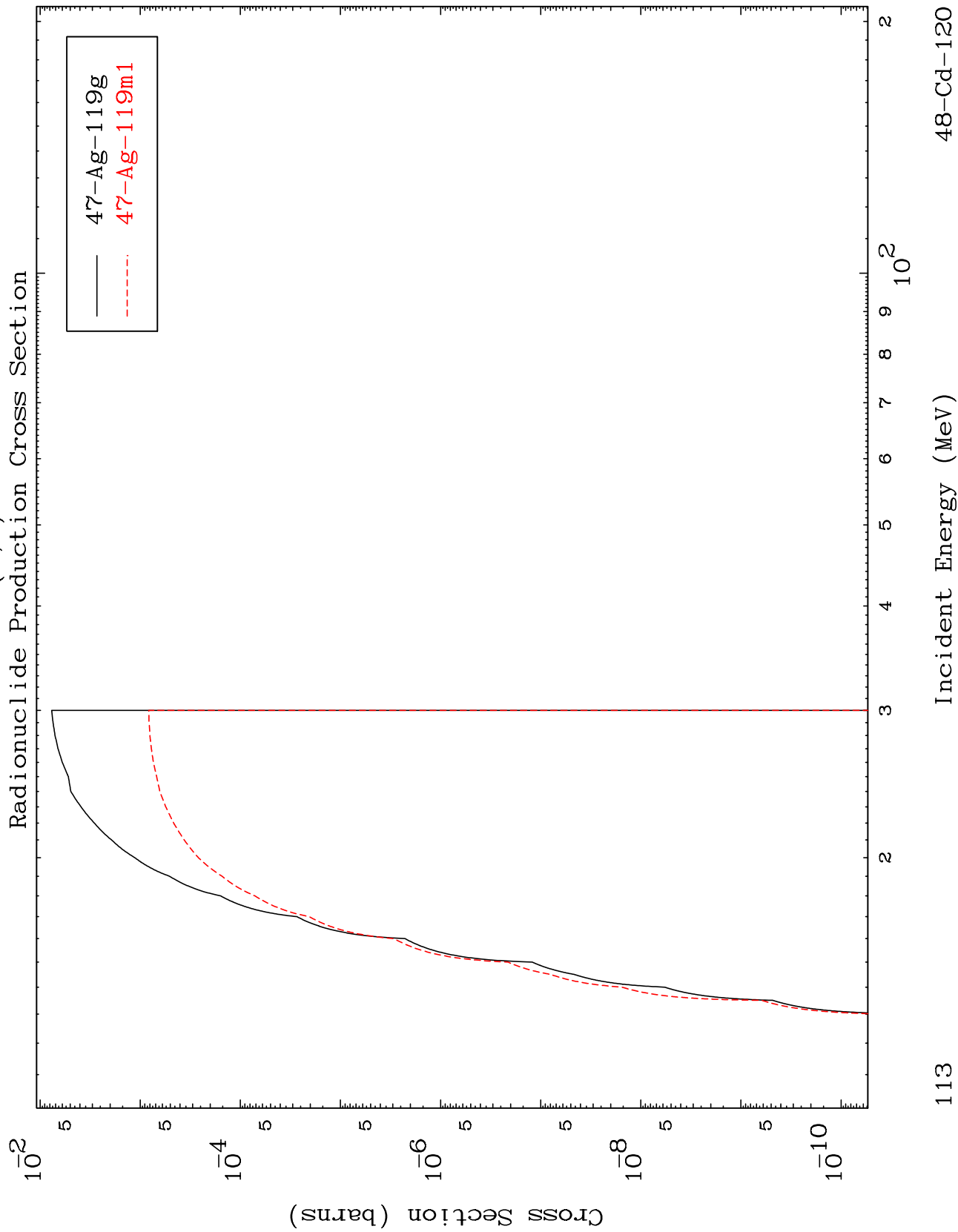
Incident Energy (MeV)

48-Cd-120

MAT 4867

(n,d)

48-Cd-120



113

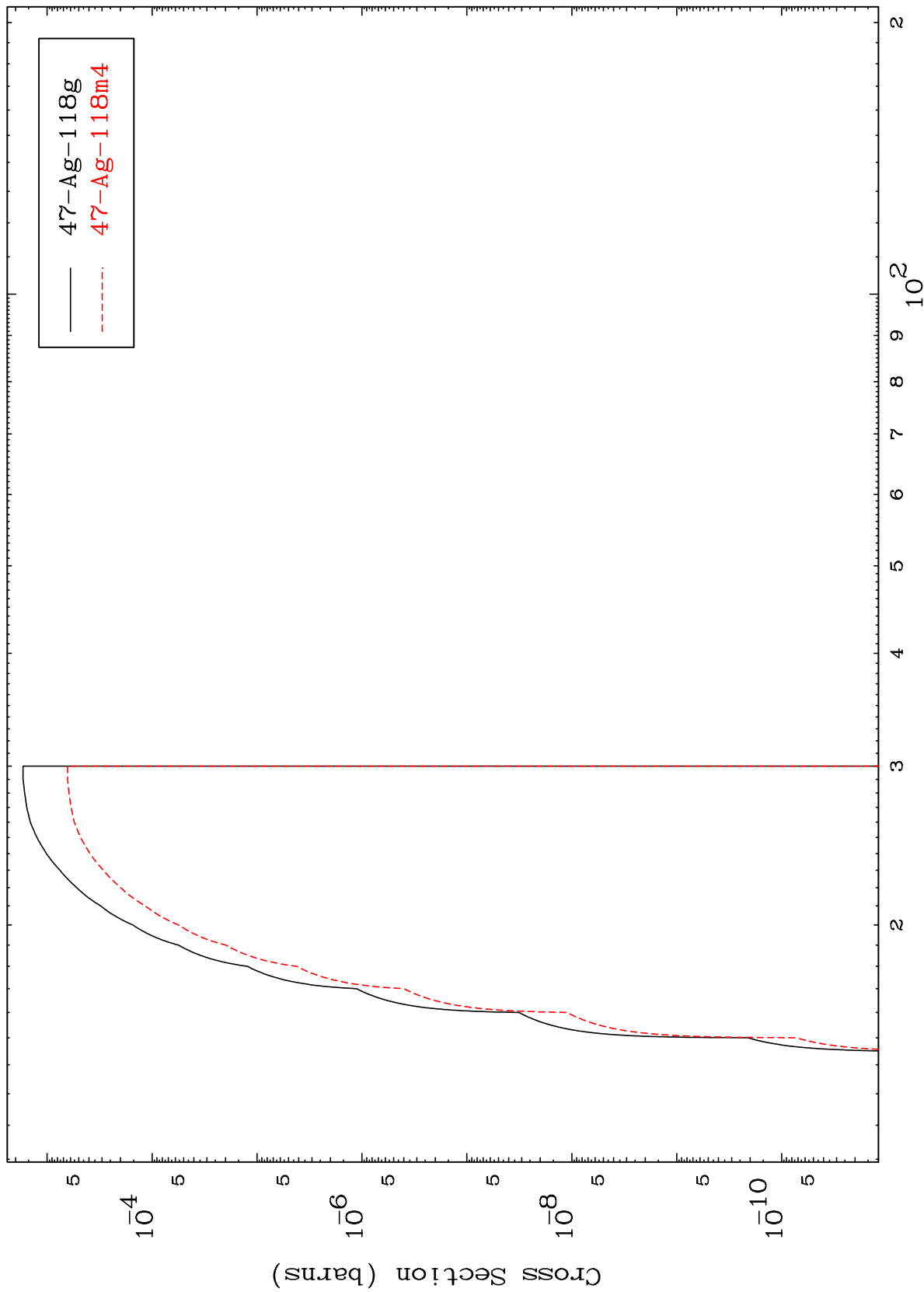
48-Cd-120

MAT 4867

(n, t)

48-Cd-120

Radionuclide Production Cross Section



114

Incident Energy (MeV)

48-Cd-120