

Program EVALPLOT
(Version 2015-2)

by

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(Present Contact Information)

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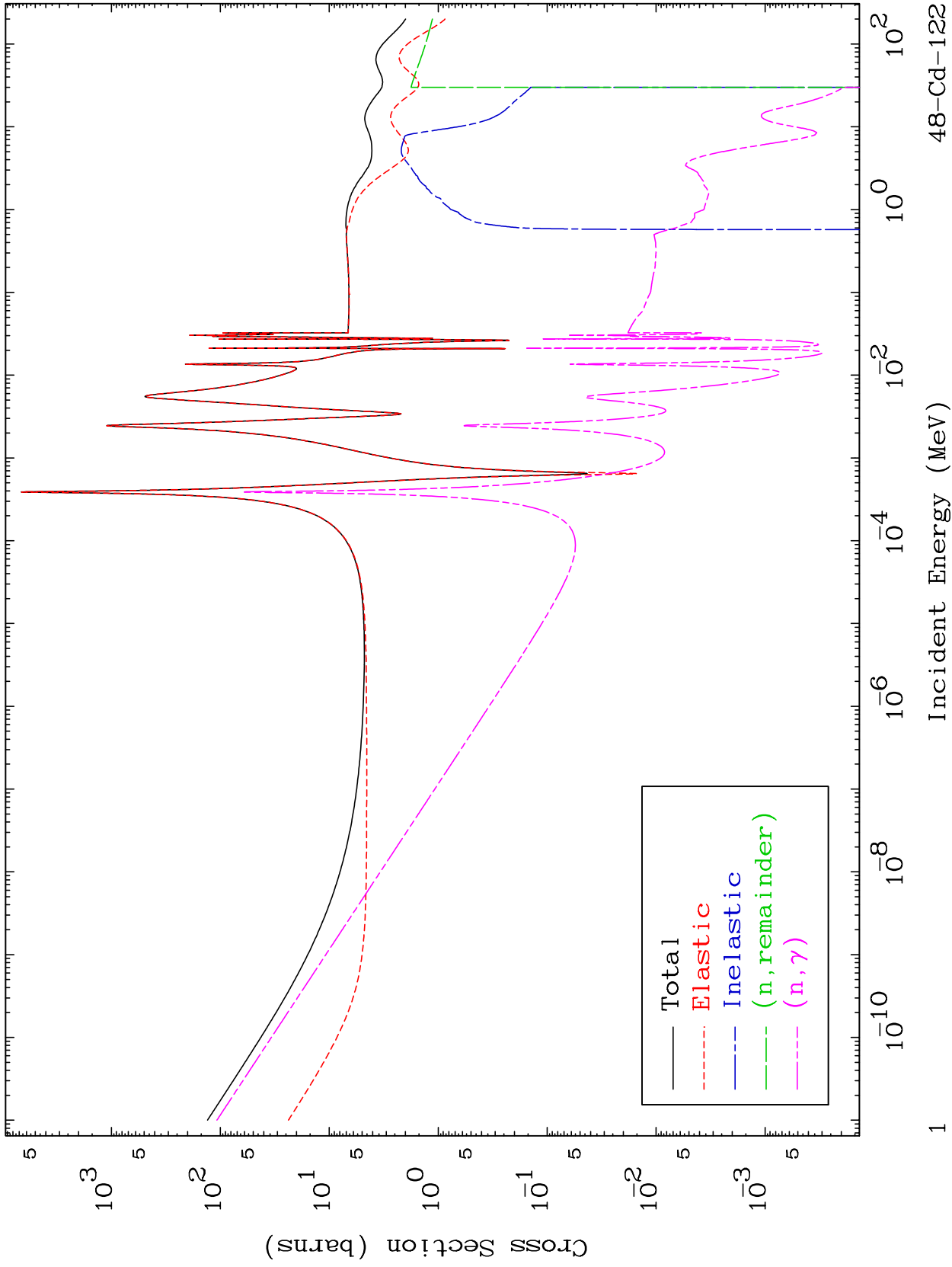
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4873

Major
293 Kelvin Cross Sections

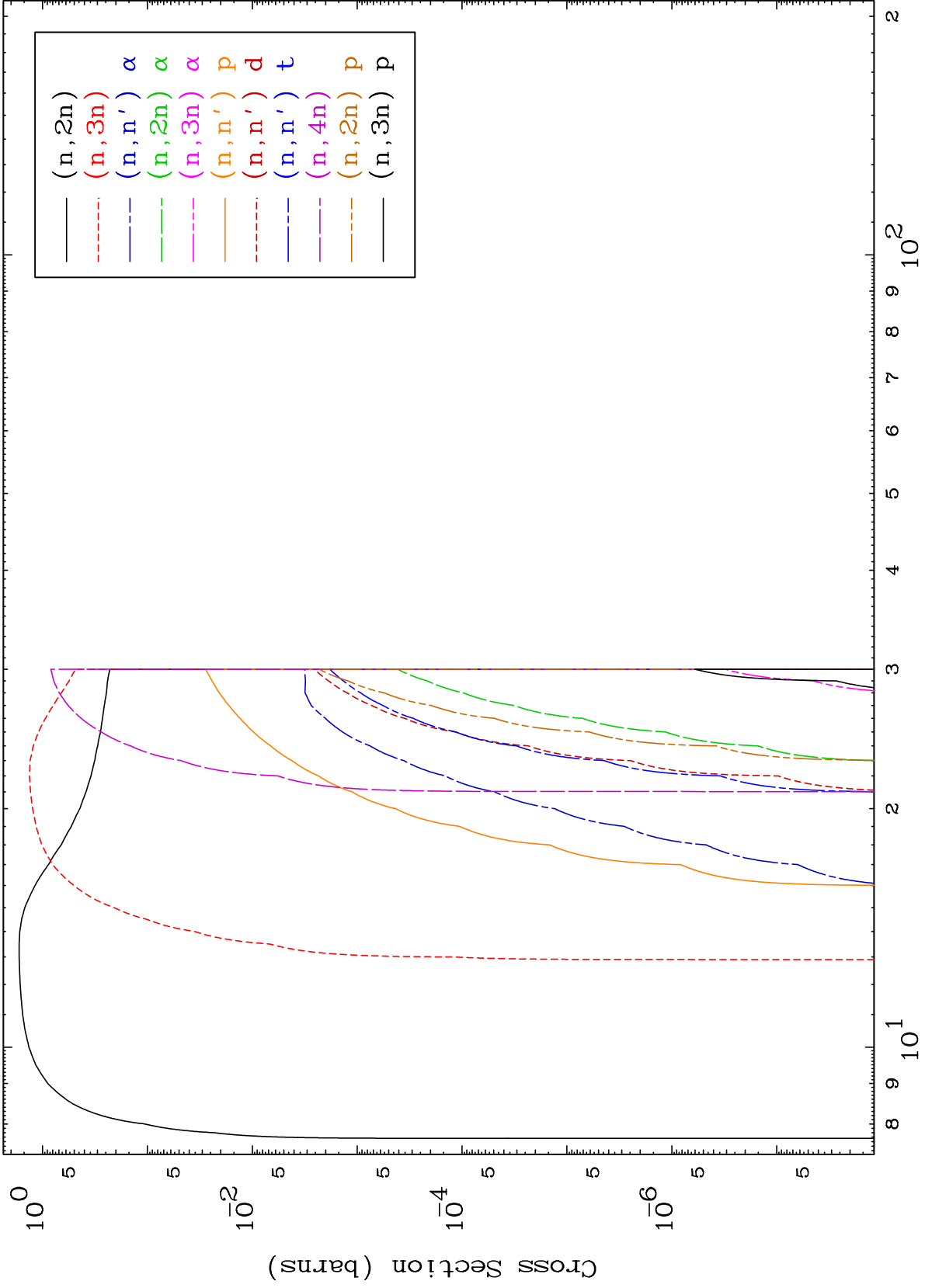
48-Cd-122



MAT 4873

Neutron Production
293 Kelvin Cross Sections

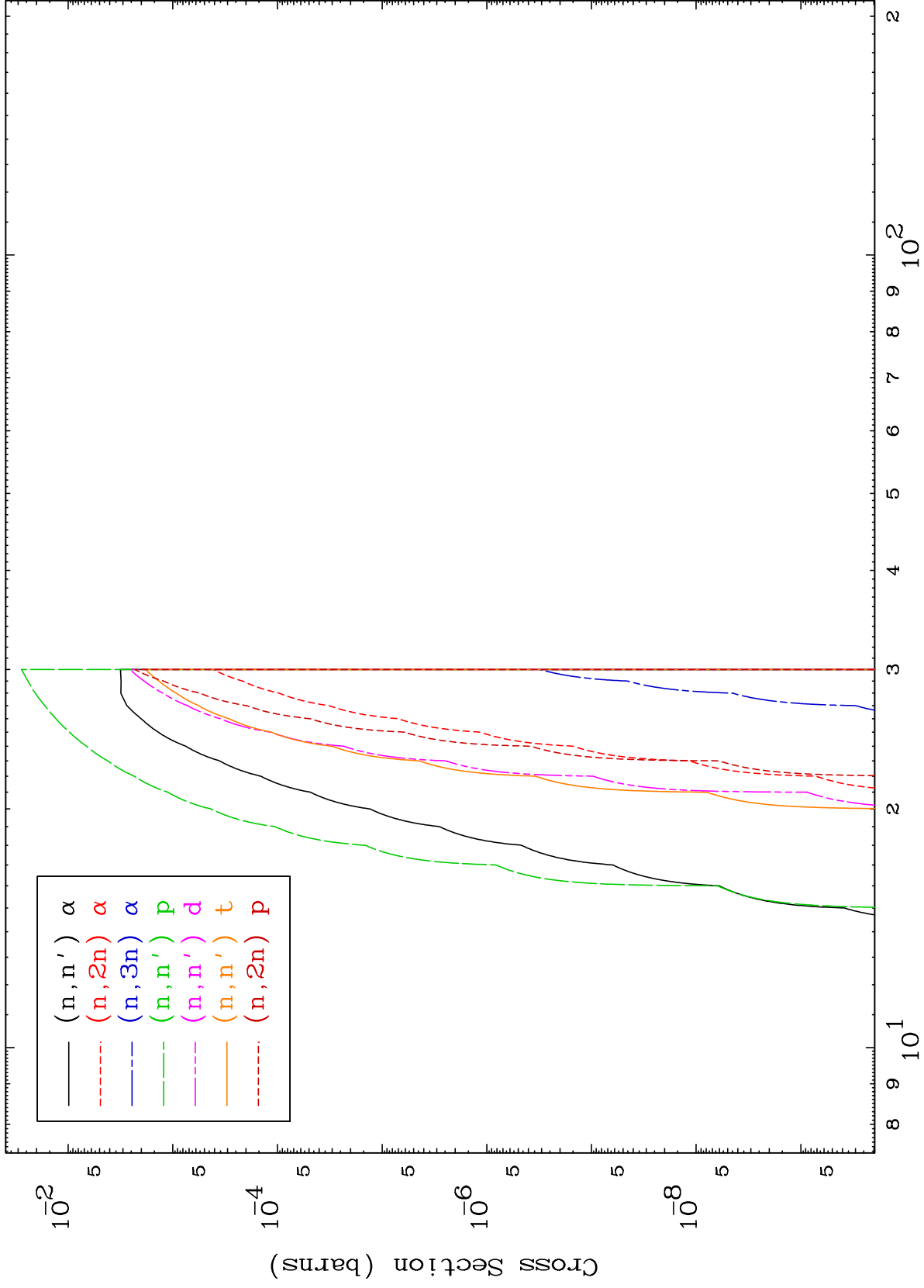
48-Cd-122



2

Incident Energy (MeV)

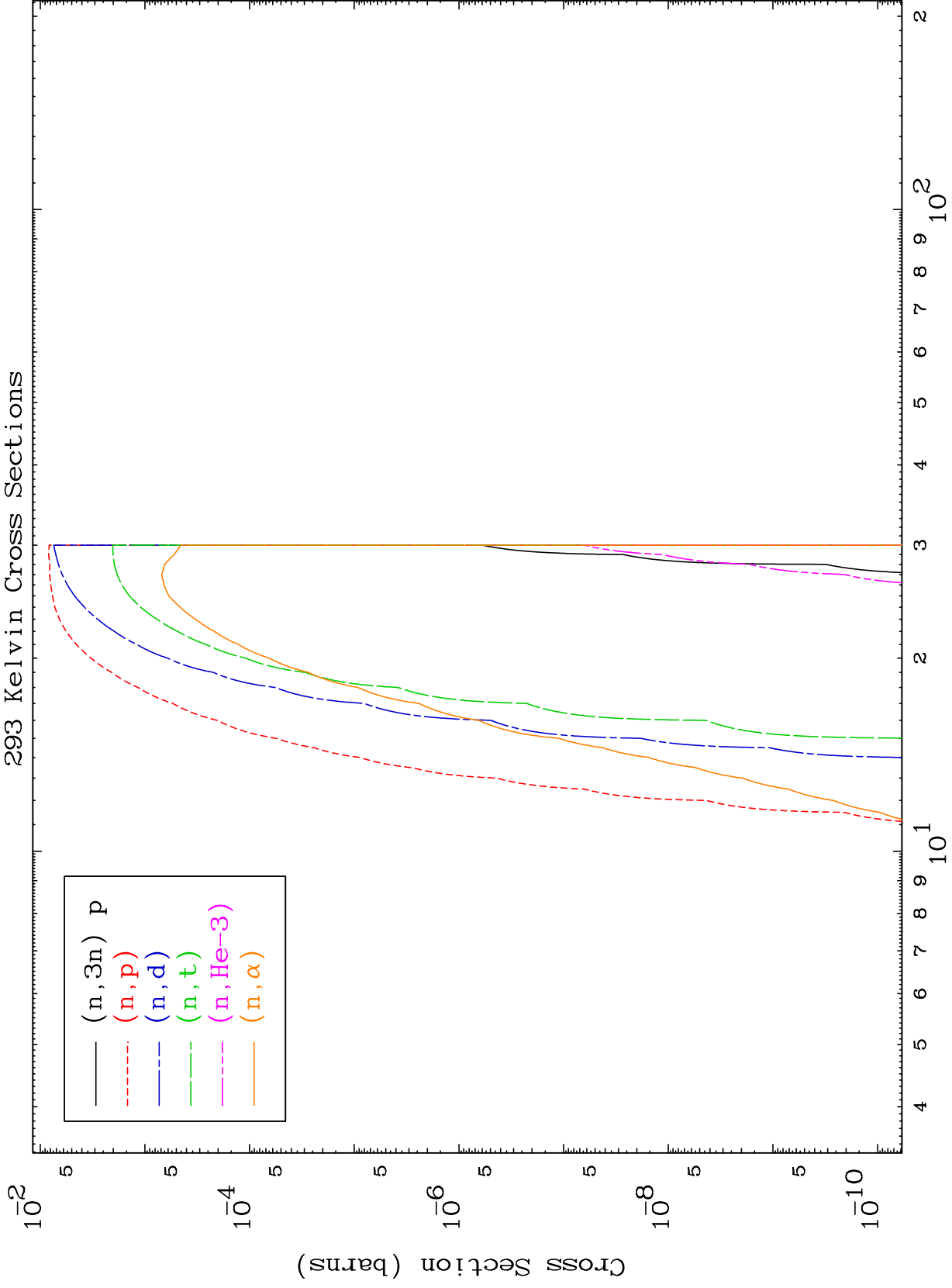
48-Cd-122



MAT 4873

Charged Particle
293 Kelvin Cross Sections

48-Cd-122



4

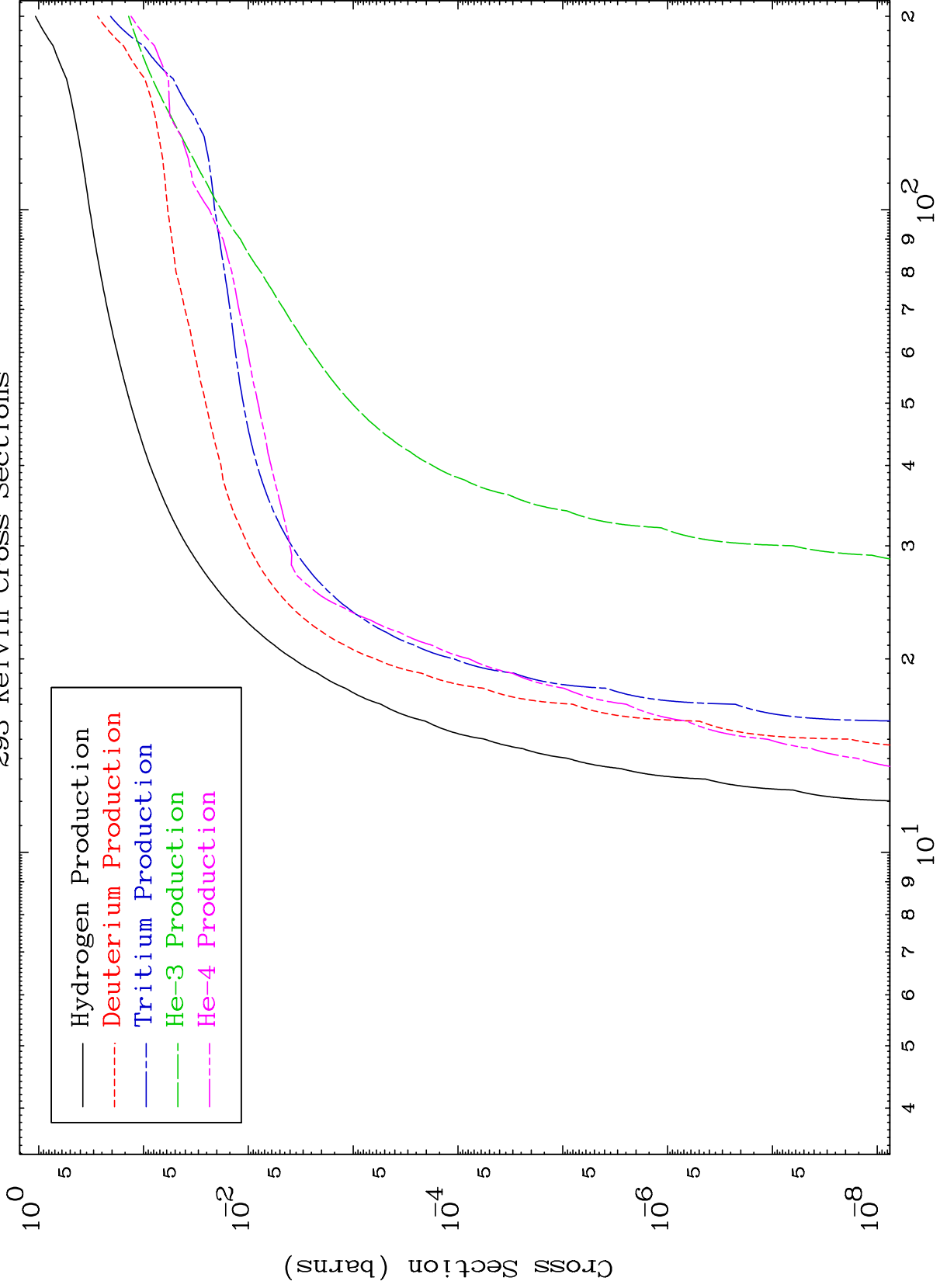
Incident Energy (MeV)

48-Cd-122

MAT 4873

Particle Production
293 Kelvin Cross Sections

48-Cd-122



5

Incident Energy (MeV)

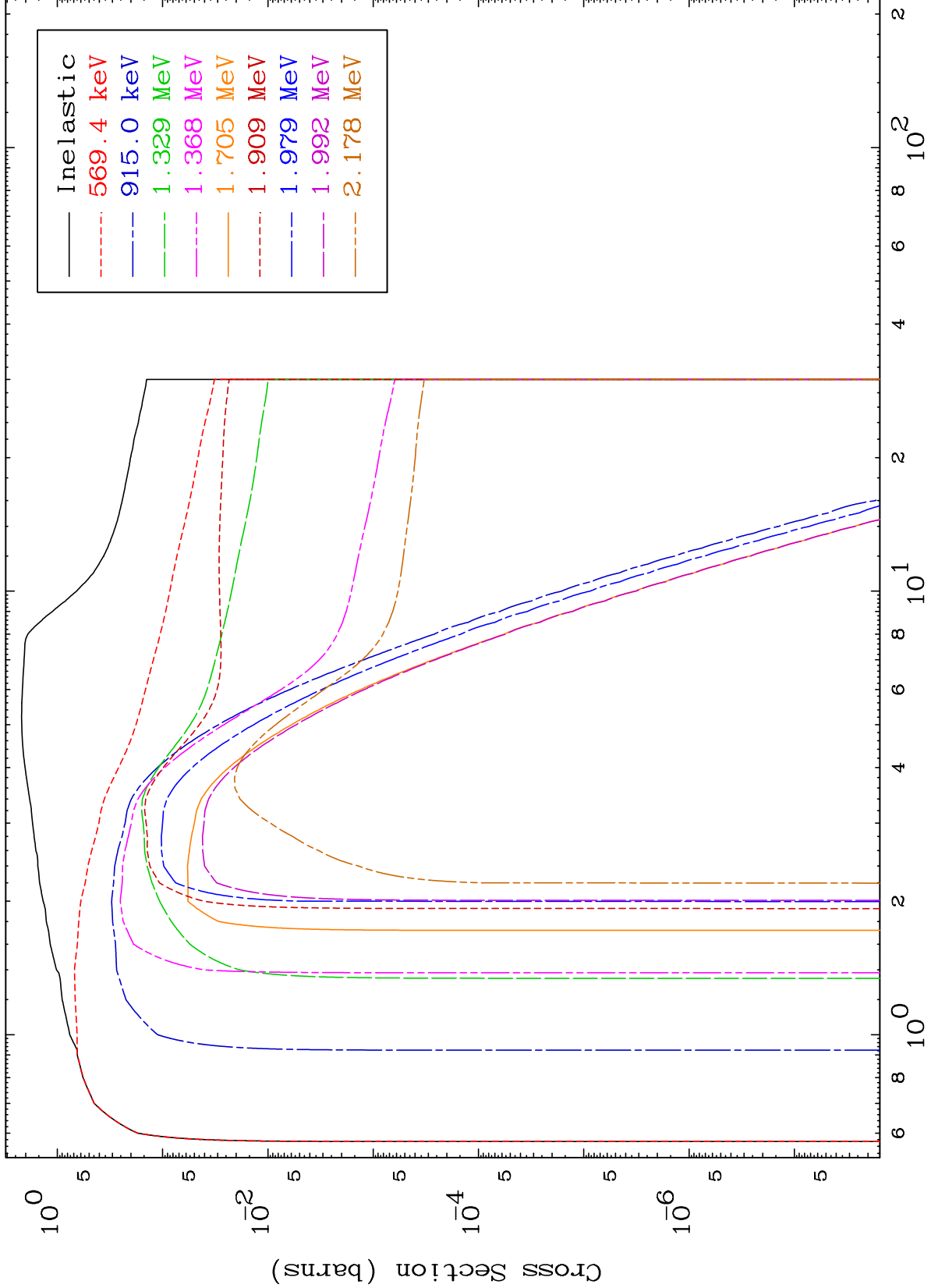
48-Cd-122

MAT 4873

(n,n') Level

48-Cd-122

293 Kelvin Cross Sections



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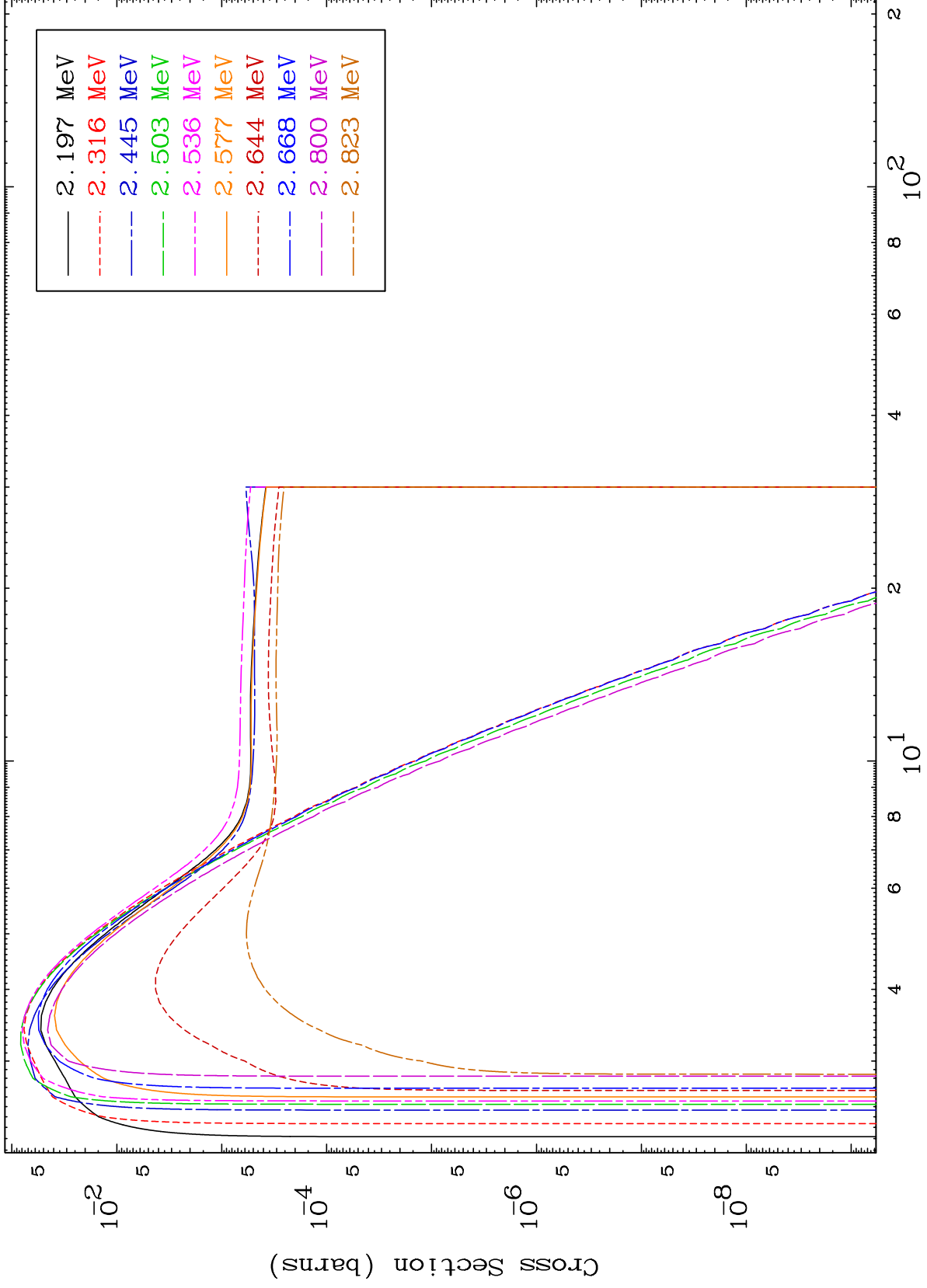
Incident Energy (MeV)

48-Cd-122

MAT 4873

(n,n') Level
293 Kelvin Cross Sections

48-Cd-122

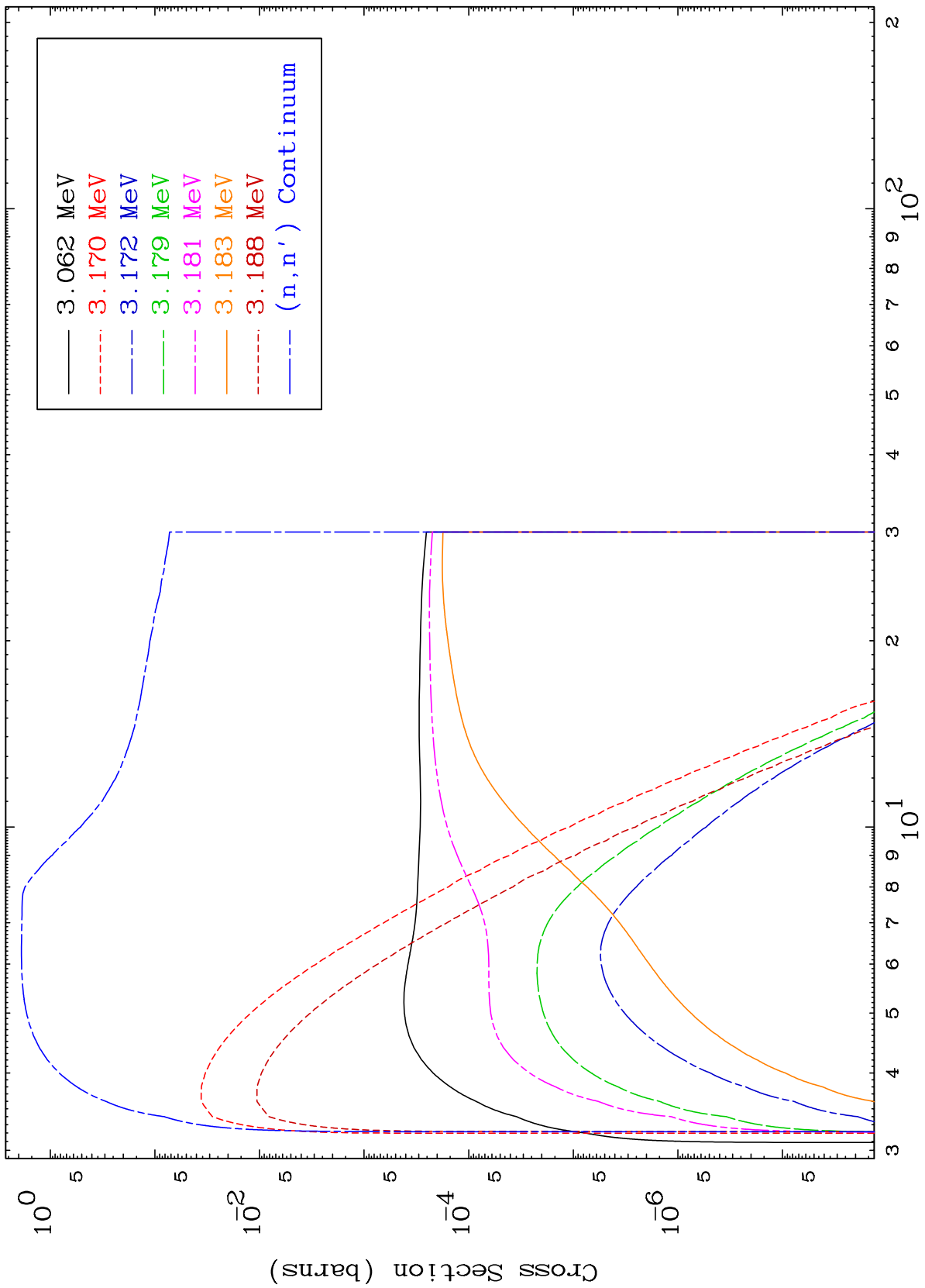


MAT 4873

(n,n') Level

48-Cd-122

293 Kelvin Cross Sections



8

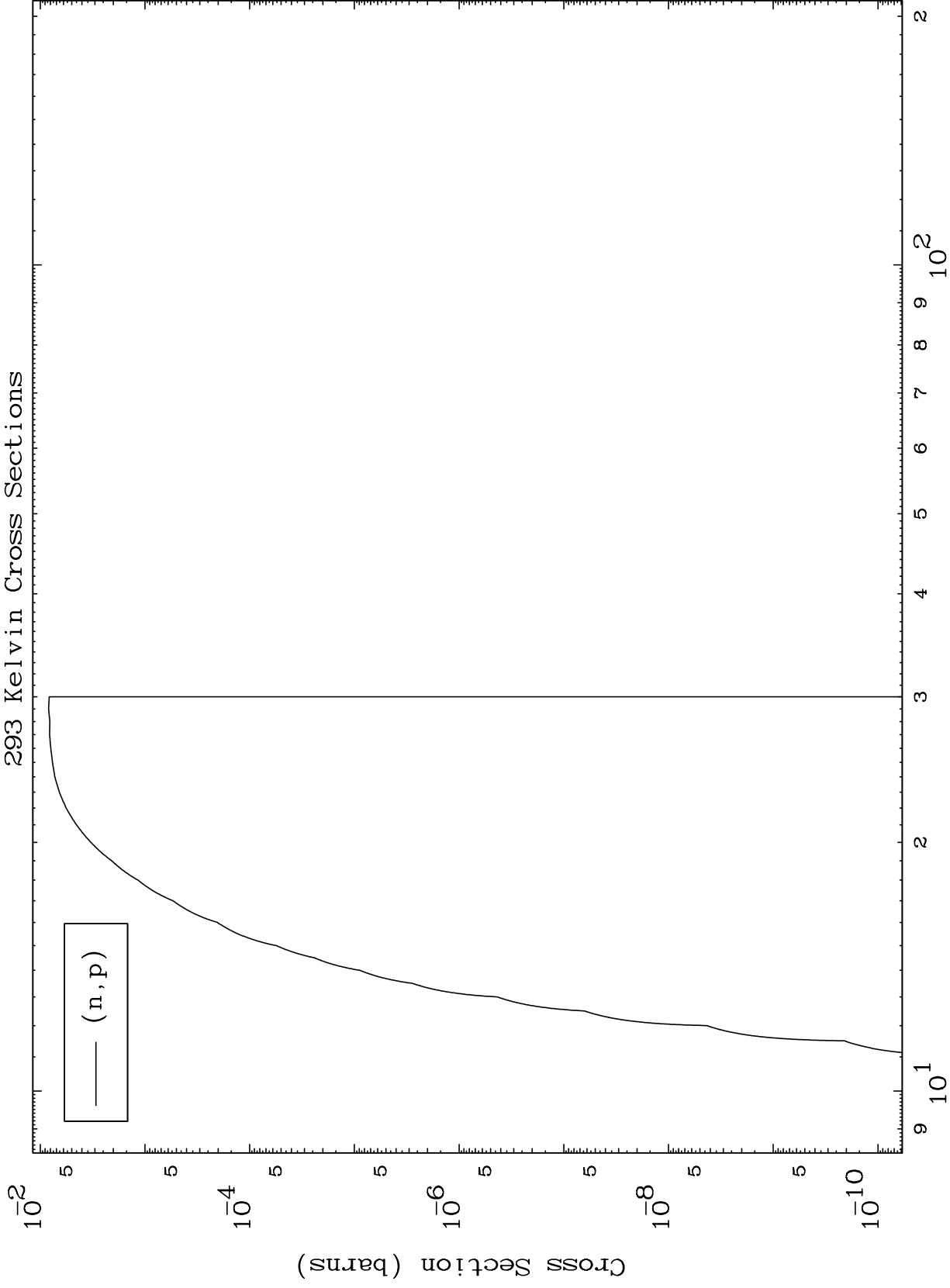
Incident Energy (MeV)

48-Cd-122

MAT 4873

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-122



9

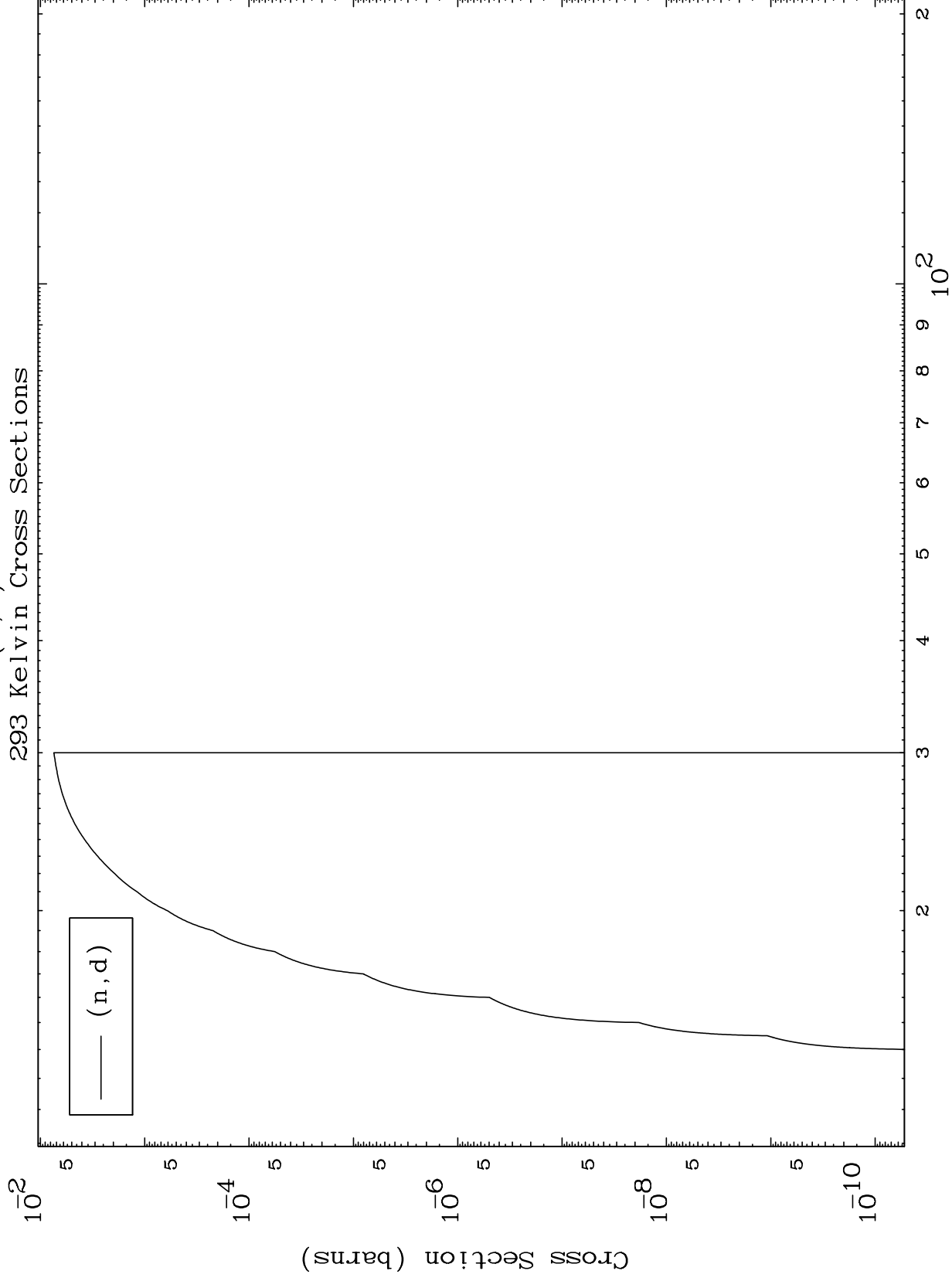
Incident Energy (MeV)

48-Cd-122

MAT 4873

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-122



10

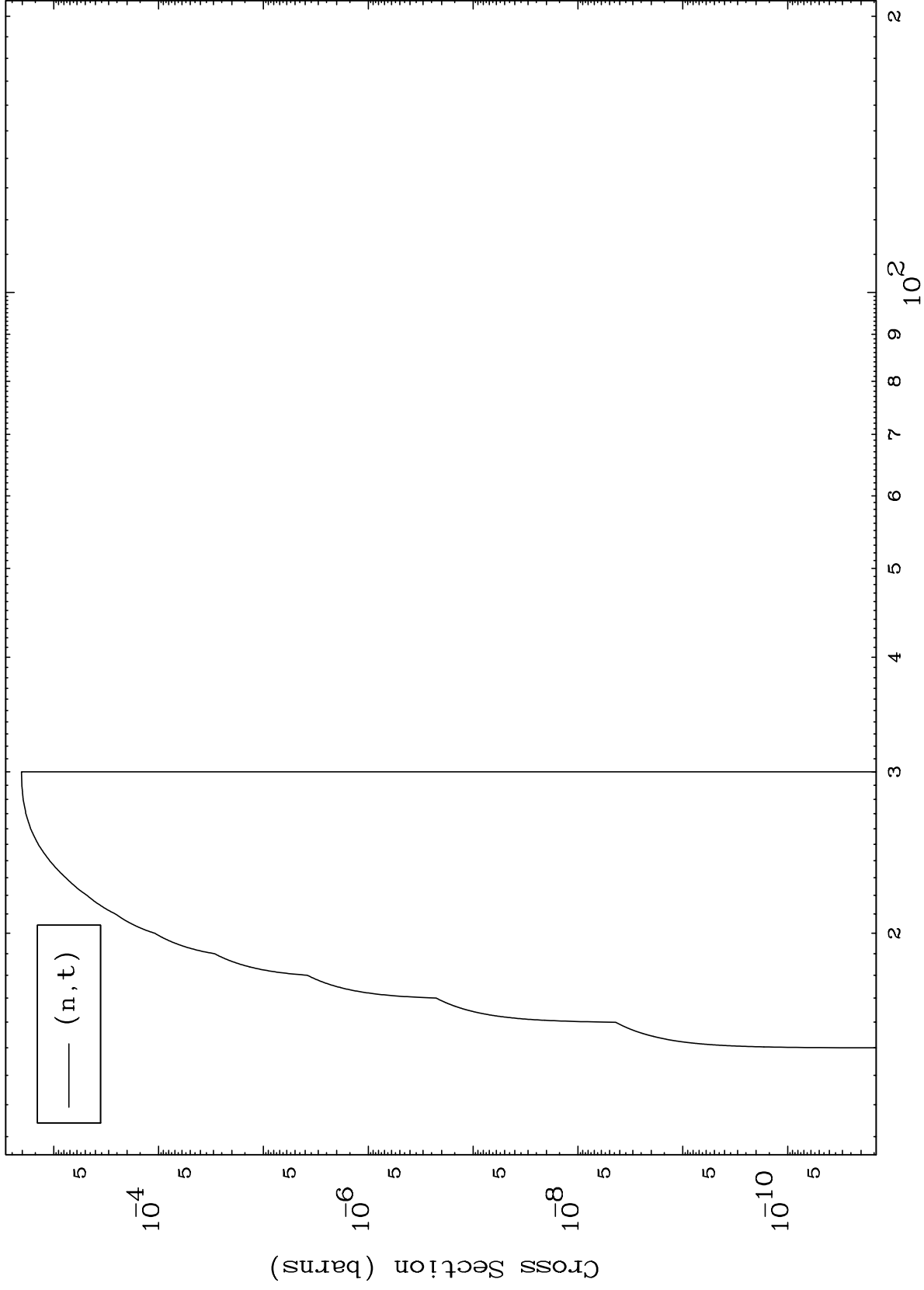
Incident Energy (MeV)

48-Cd-122

MAT 4873

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-122



11

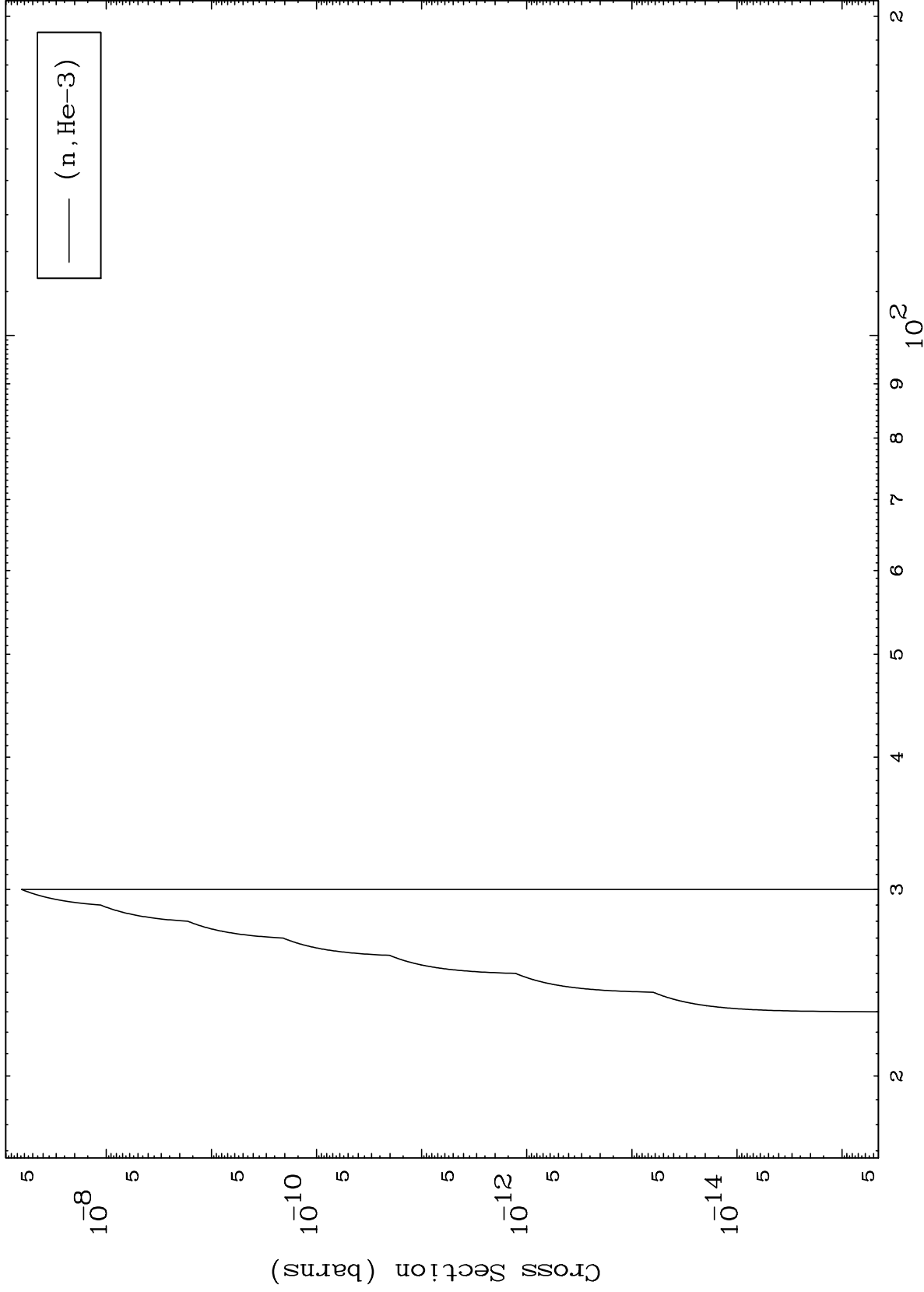
Incident Energy (MeV)

48-Cd-122

MAT 4873

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-122



12

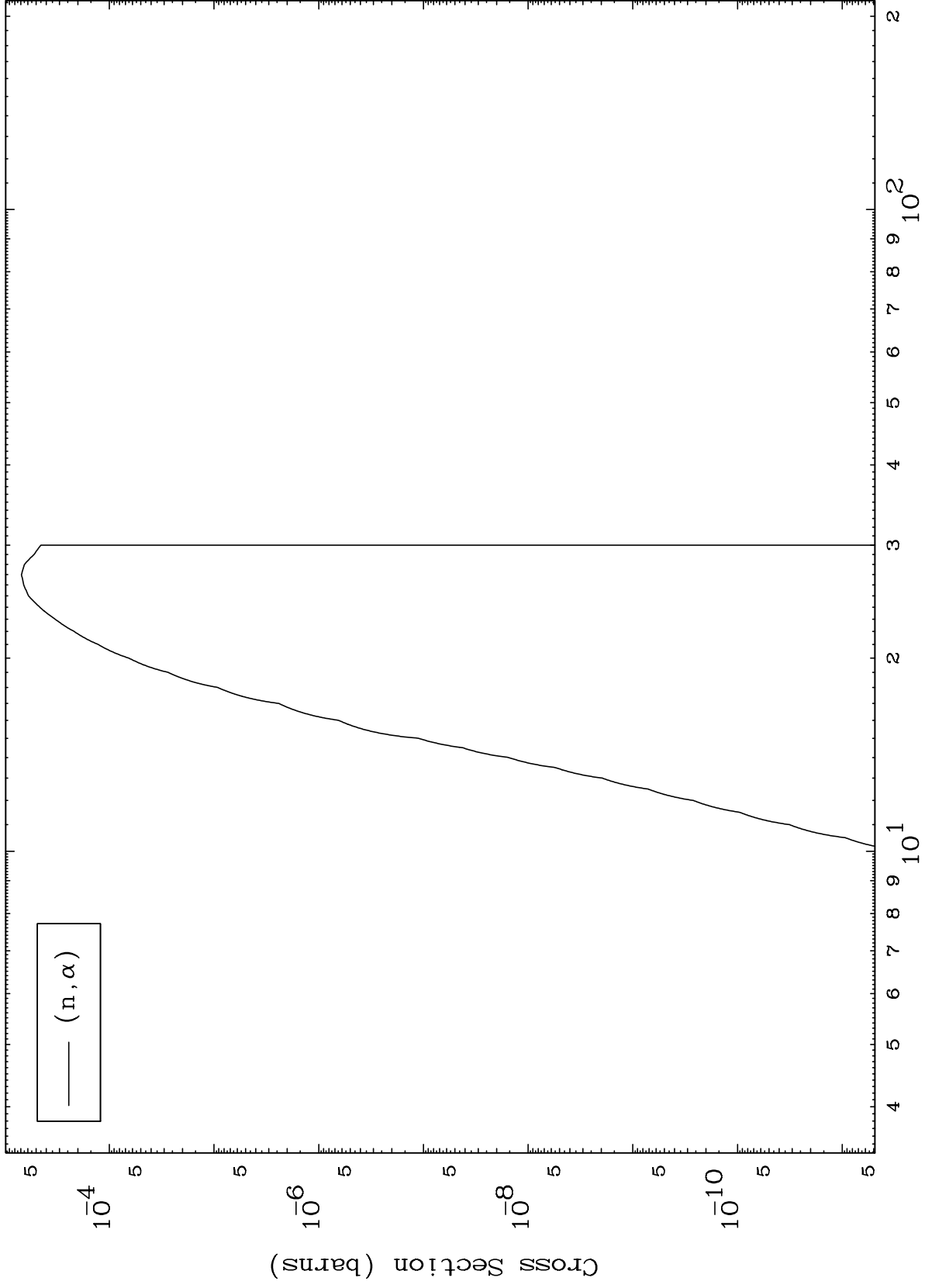
Incident Energy (MeV)

48-Cd-122

MAT 4873

(n, α) Levels
293 Kelvin Cross Sections

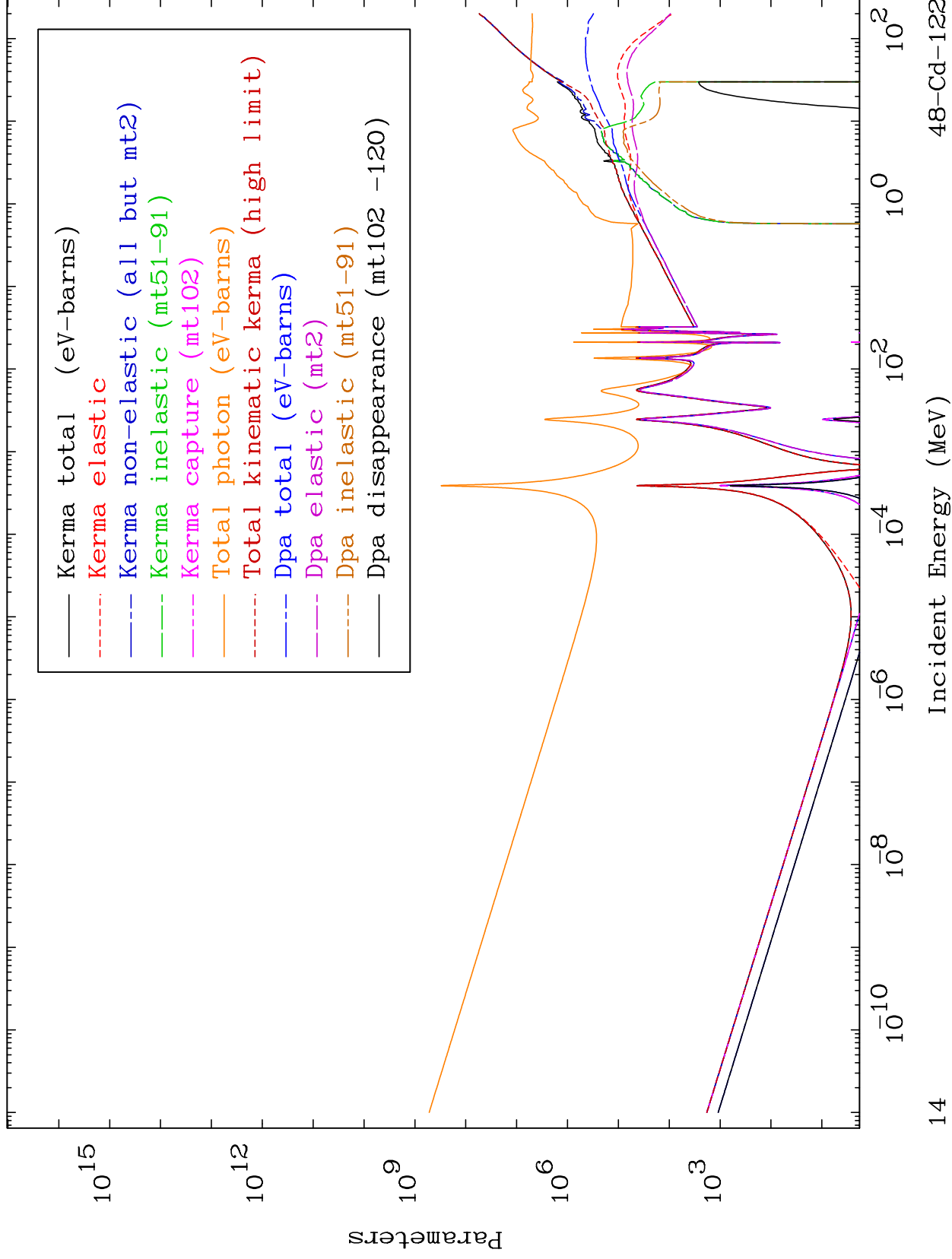
48-Cd-122



13

Incident Energy (MeV)

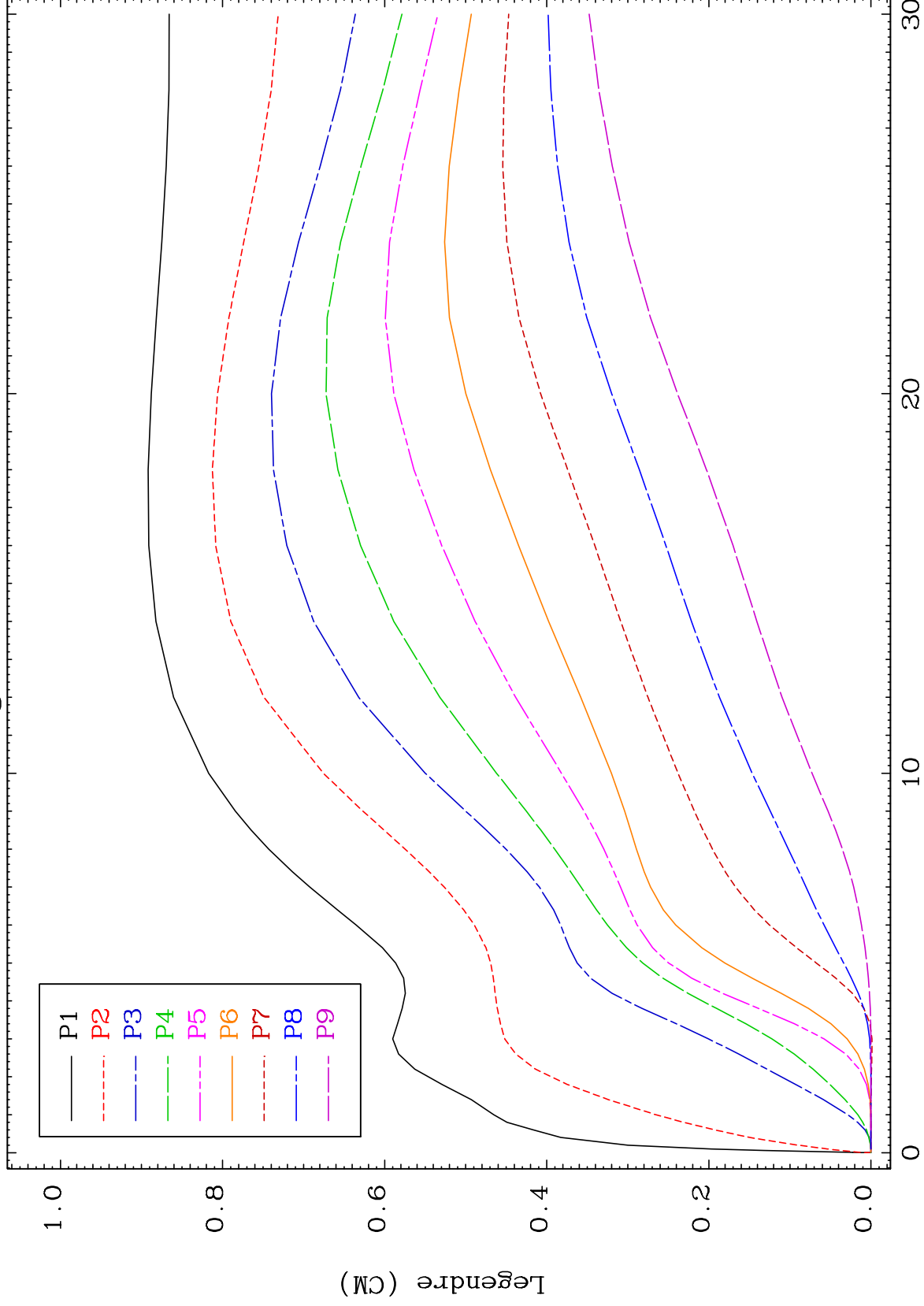
48-Cd-122



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Elastic Legendre Coefficients

48-Cd-122

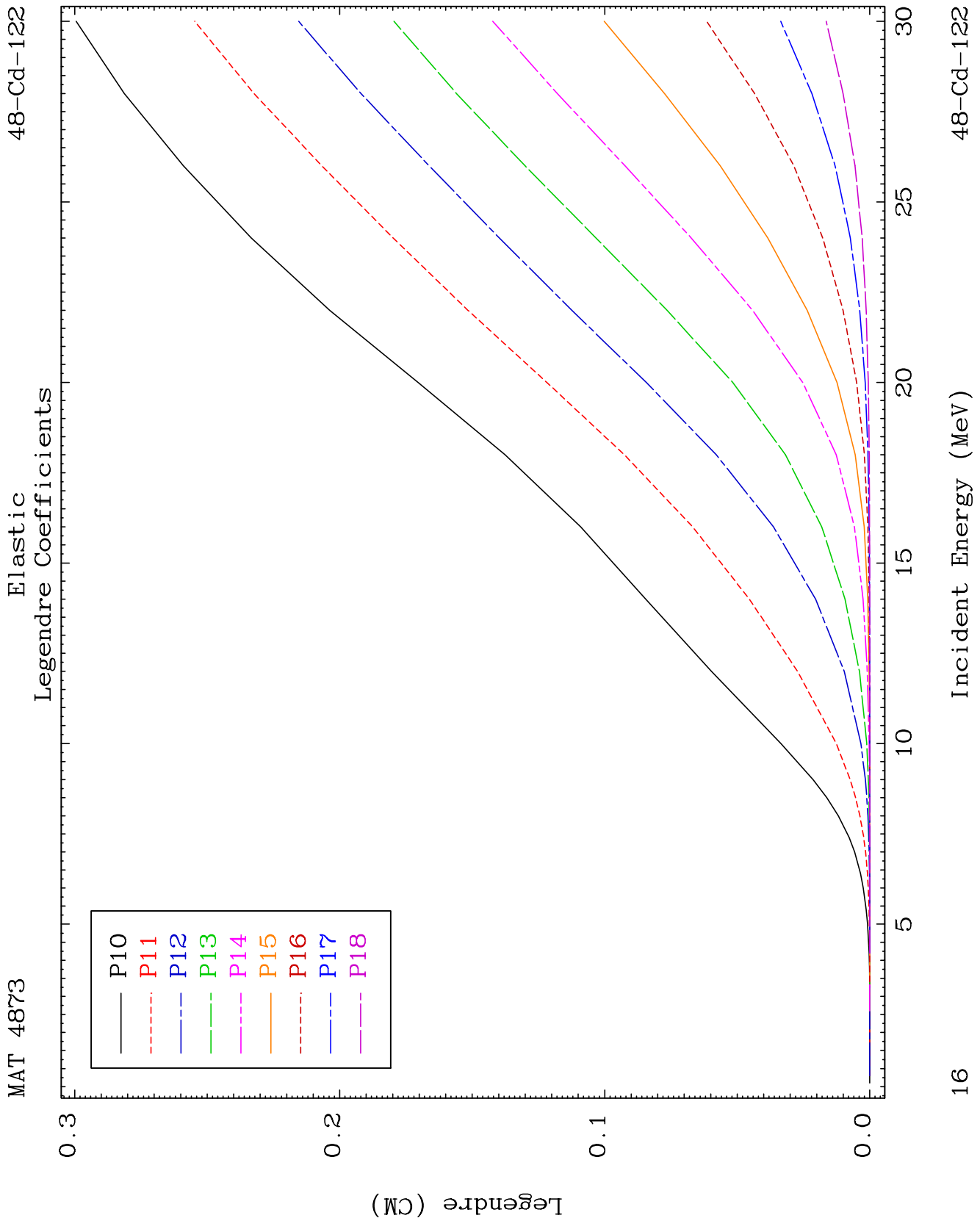


15

Incident Energy (MeV)

48-Cd-122

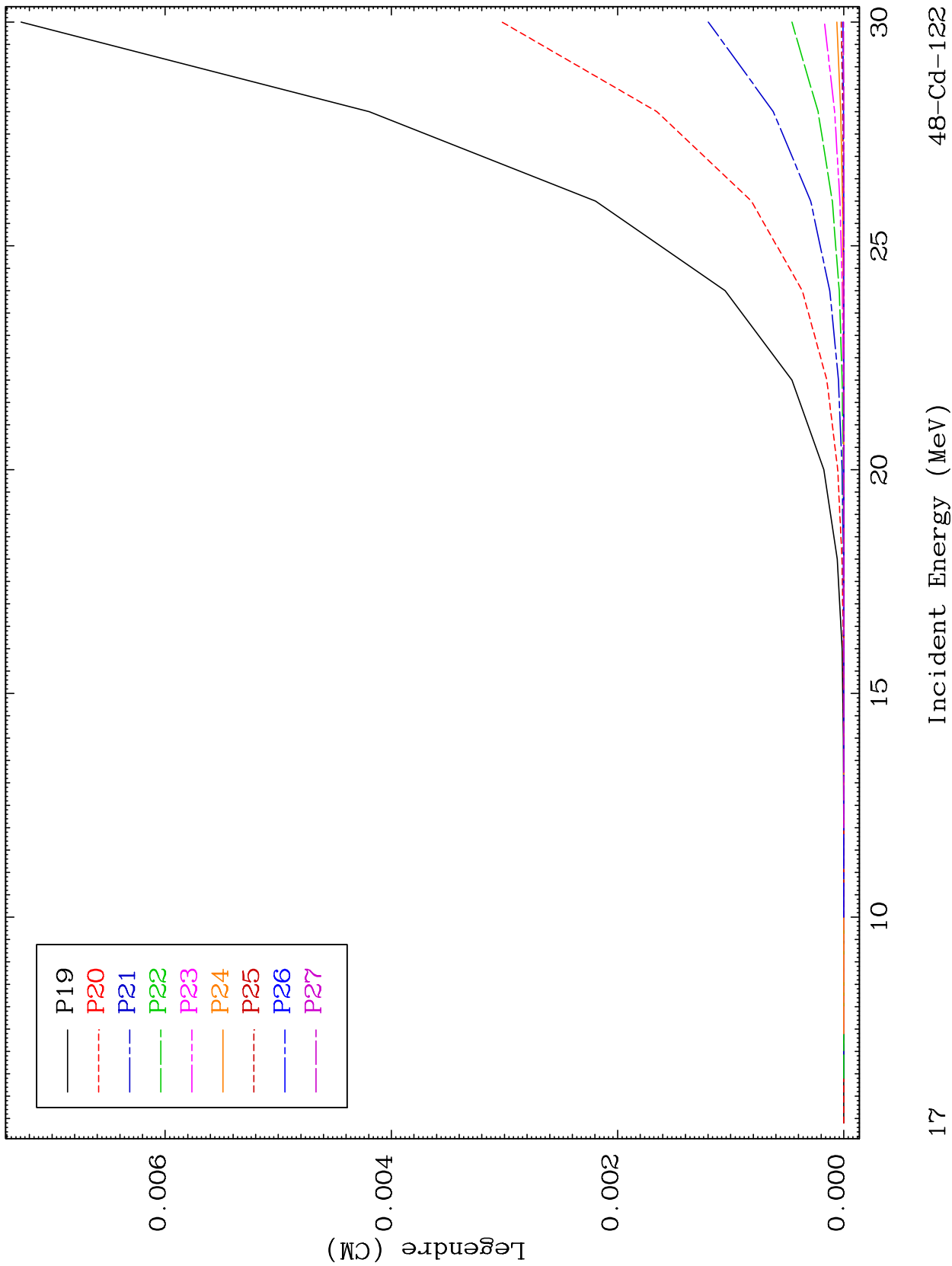
30



MAT 4873

Elastic Legendre Coefficients

48-Cd-122



17

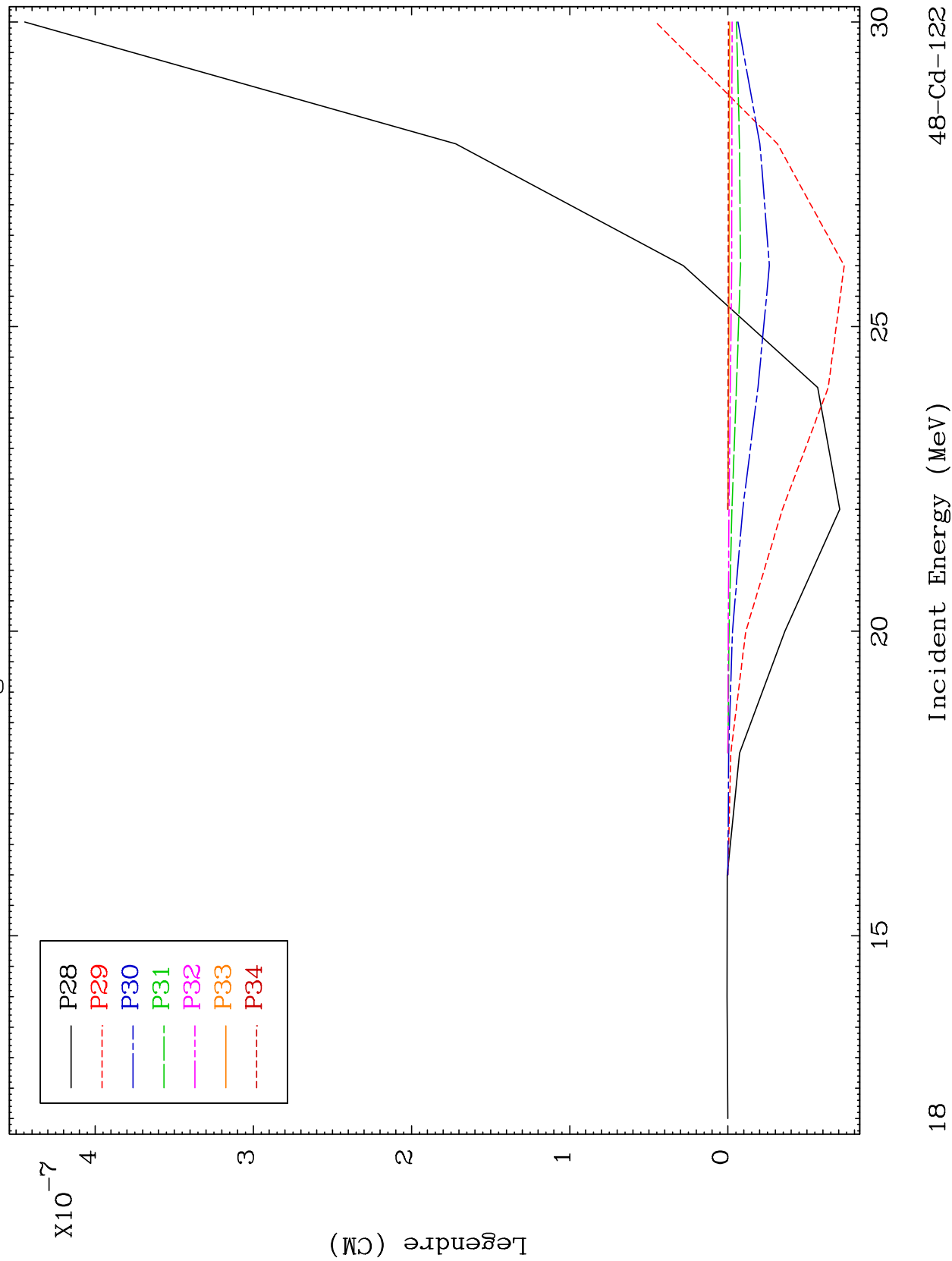
Incident Energy (MeV)

48-Cd-122

MAT 4873

Elastic Legendre Coefficients

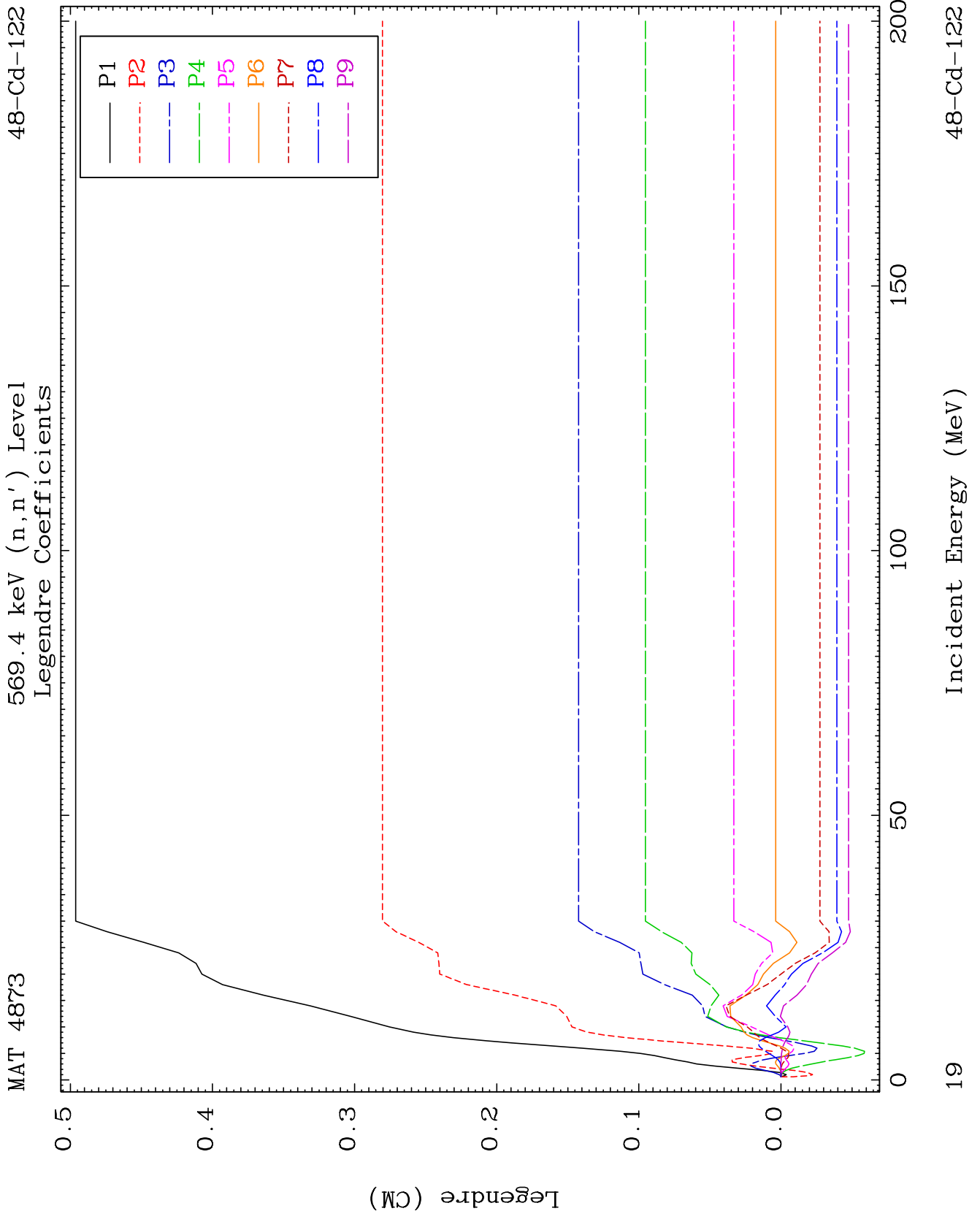
48-Cd-122



18

Incident Energy (MeV)

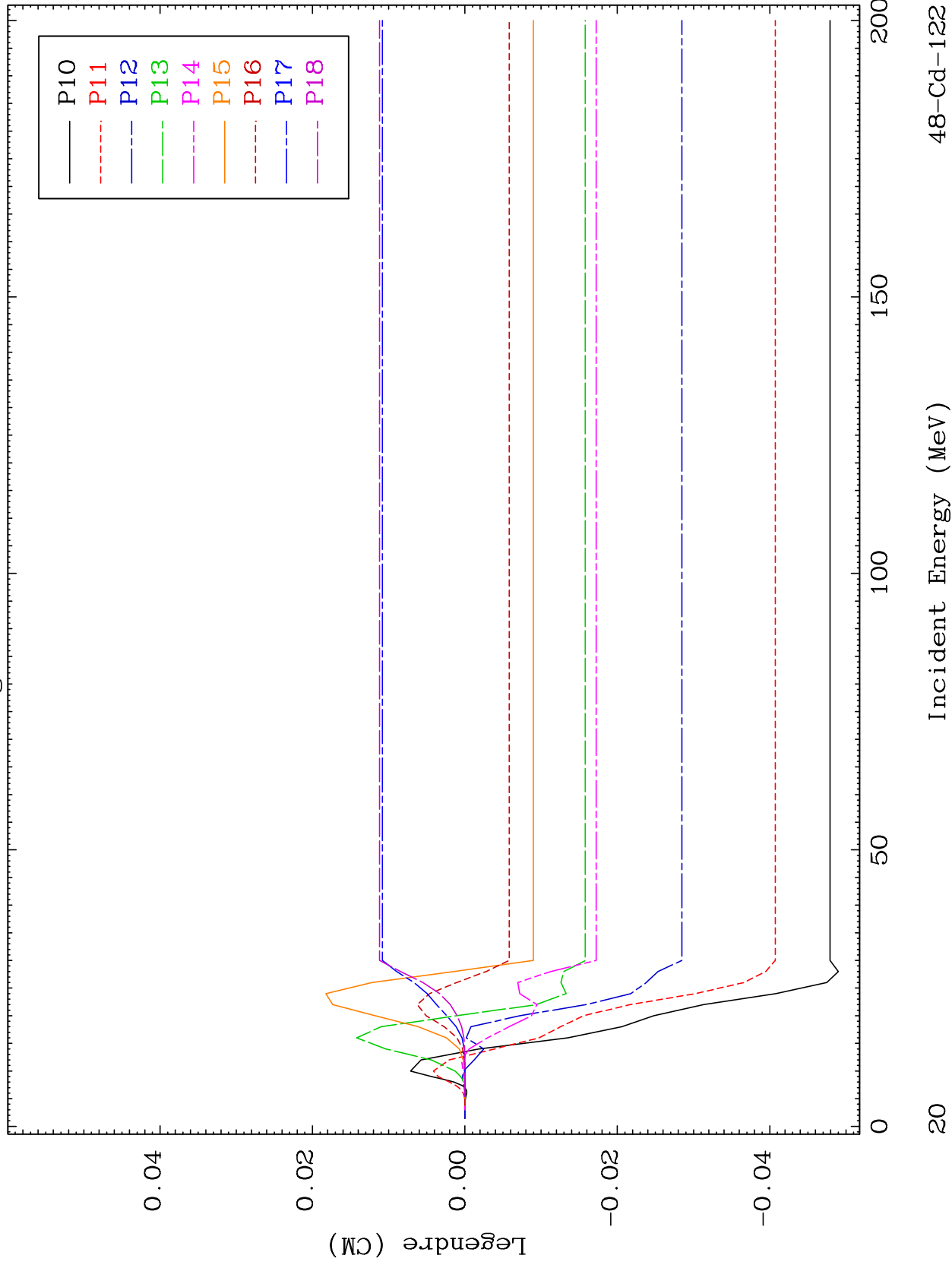
48-Cd-122



MAT 4873

569.4 keV (n,n') Level
Legendre Coefficients

48-Cd-122

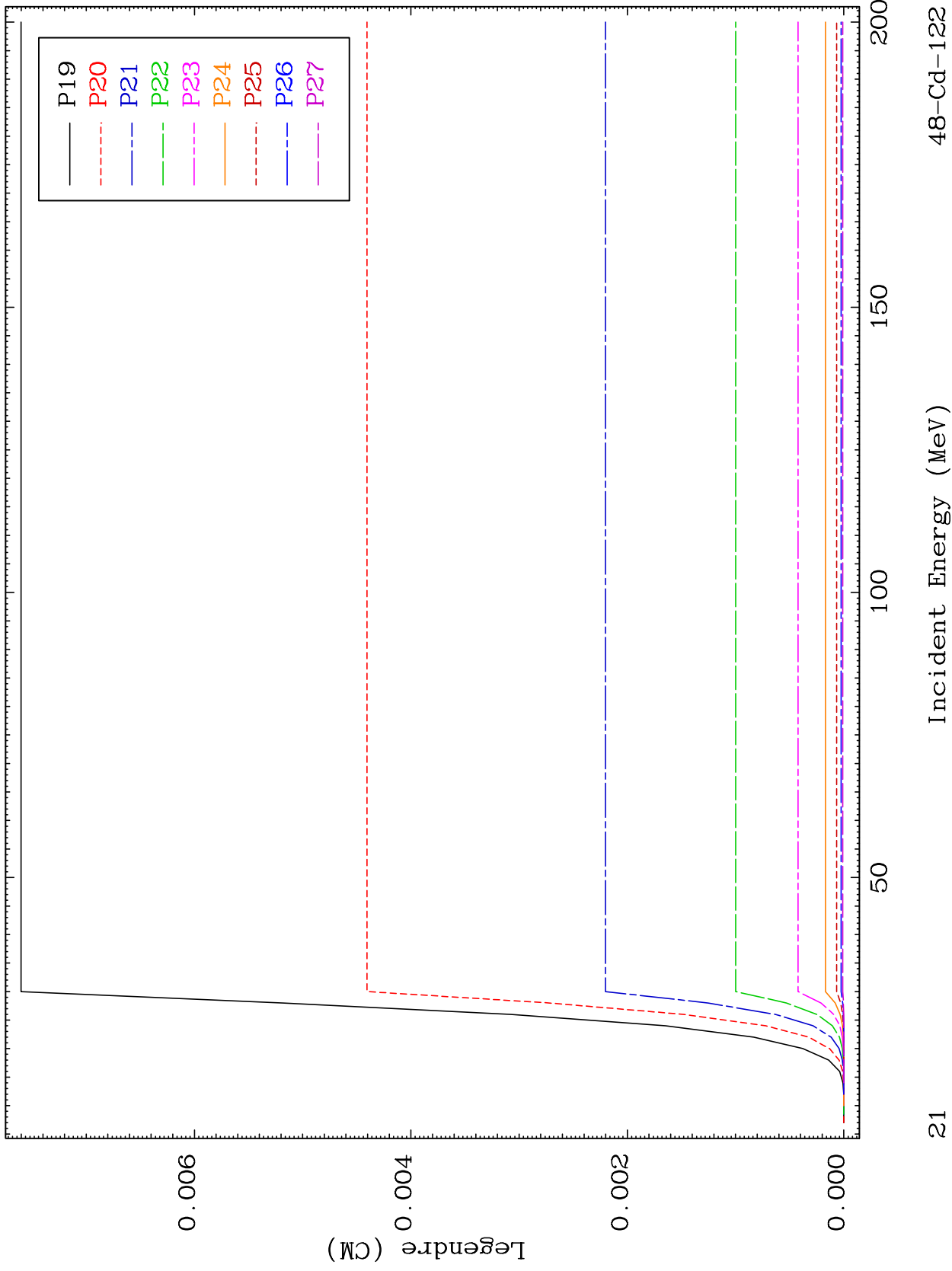


48-Cd-122

MAT 4873

569.4 keV (n,n') Level
Legendre Coefficients

48-Cd-122



21

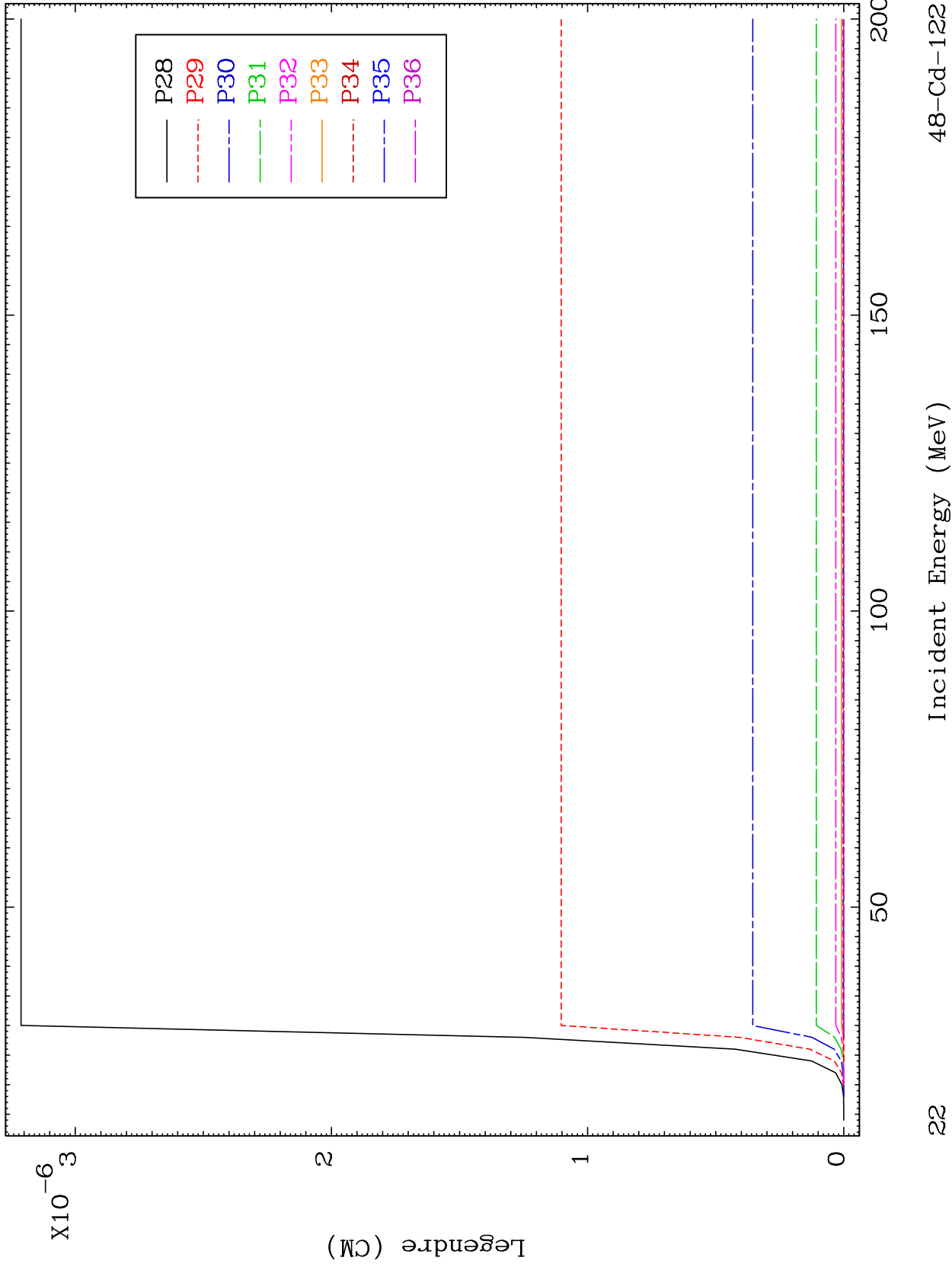
Incident Energy (MeV)

48-Cd-122

MAT 4873

569.4 keV (n, n') Level
Legendre Coefficients

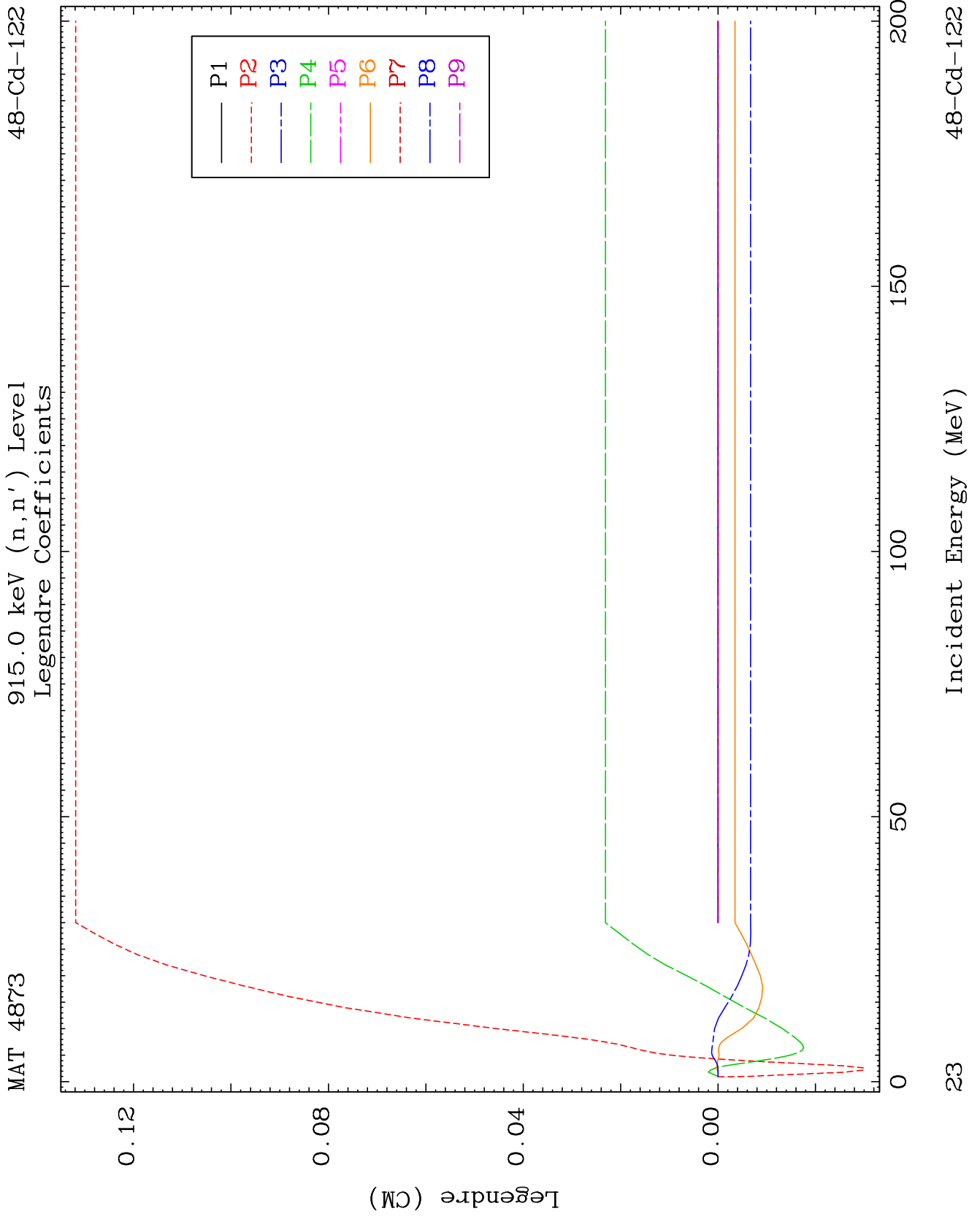
48-Cd-122



22

Incident Energy (MeV)

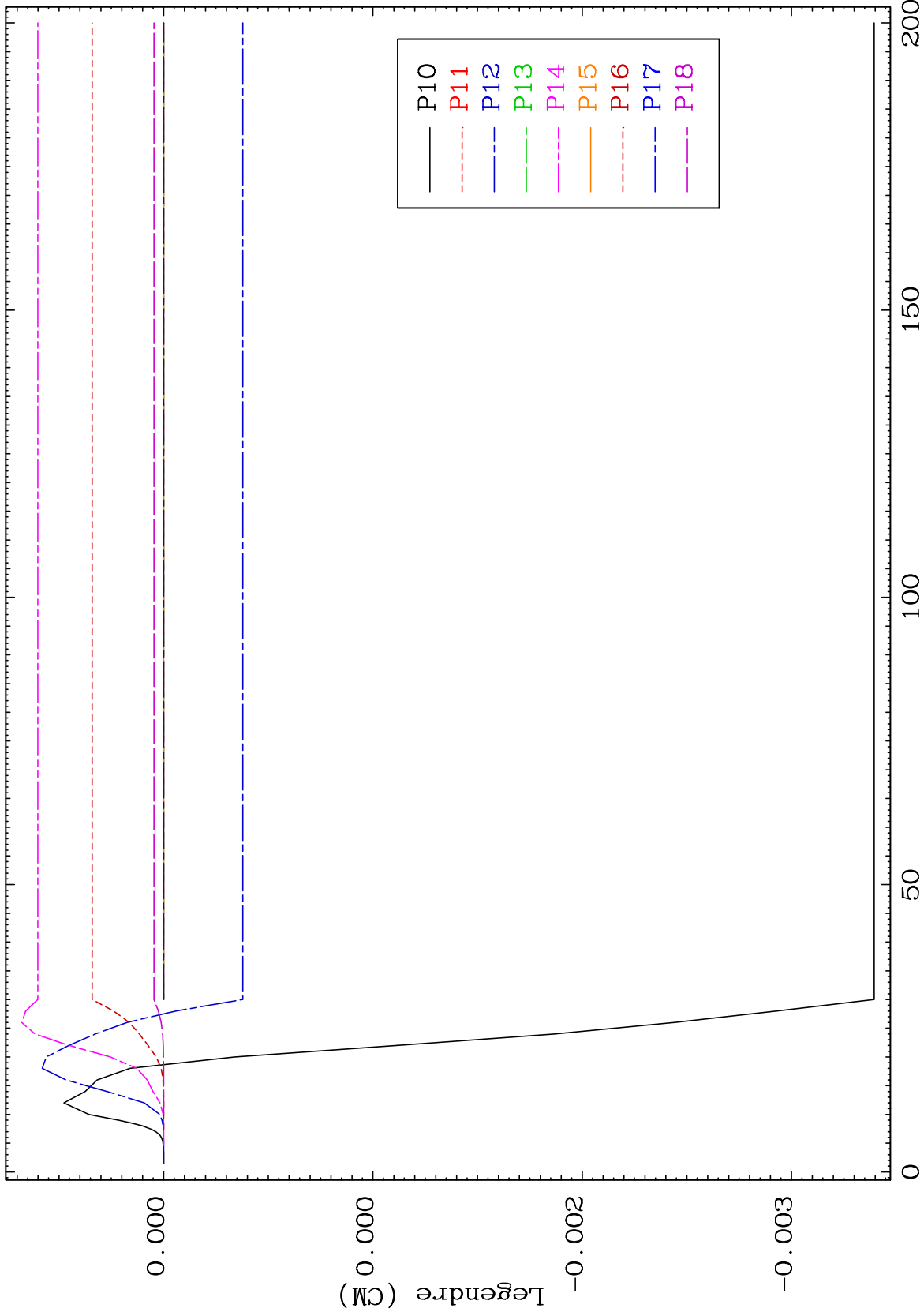
48-Cd-122



MAT 4873

915.0 keV (n,n') Level
Legendre Coefficients

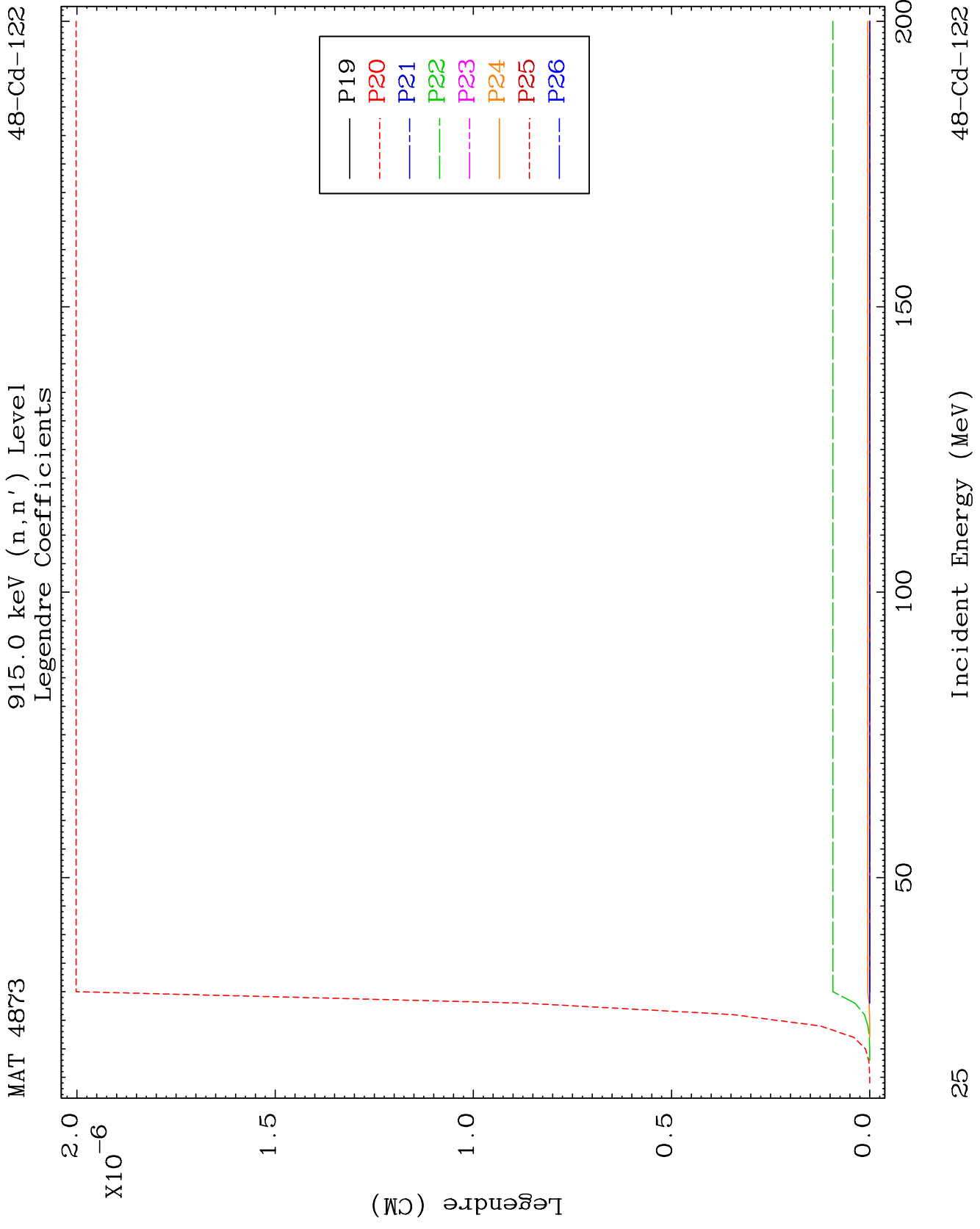
48-Cd-122



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Incident Energy (MeV)

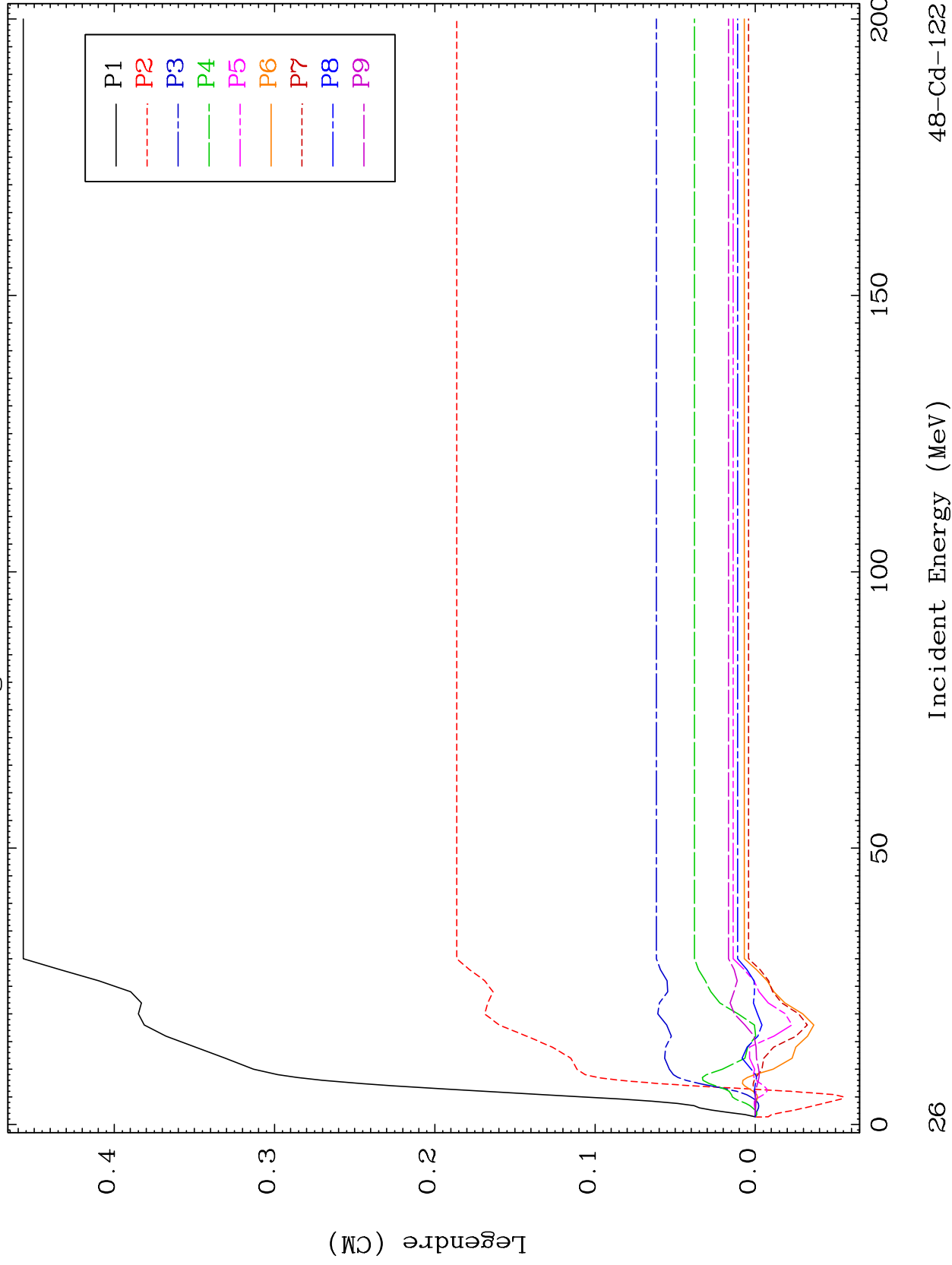
48-Cd-122



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1.329 MeV (n,n') Level
Legendre Coefficients

48-Cd-122



48-Cd-122

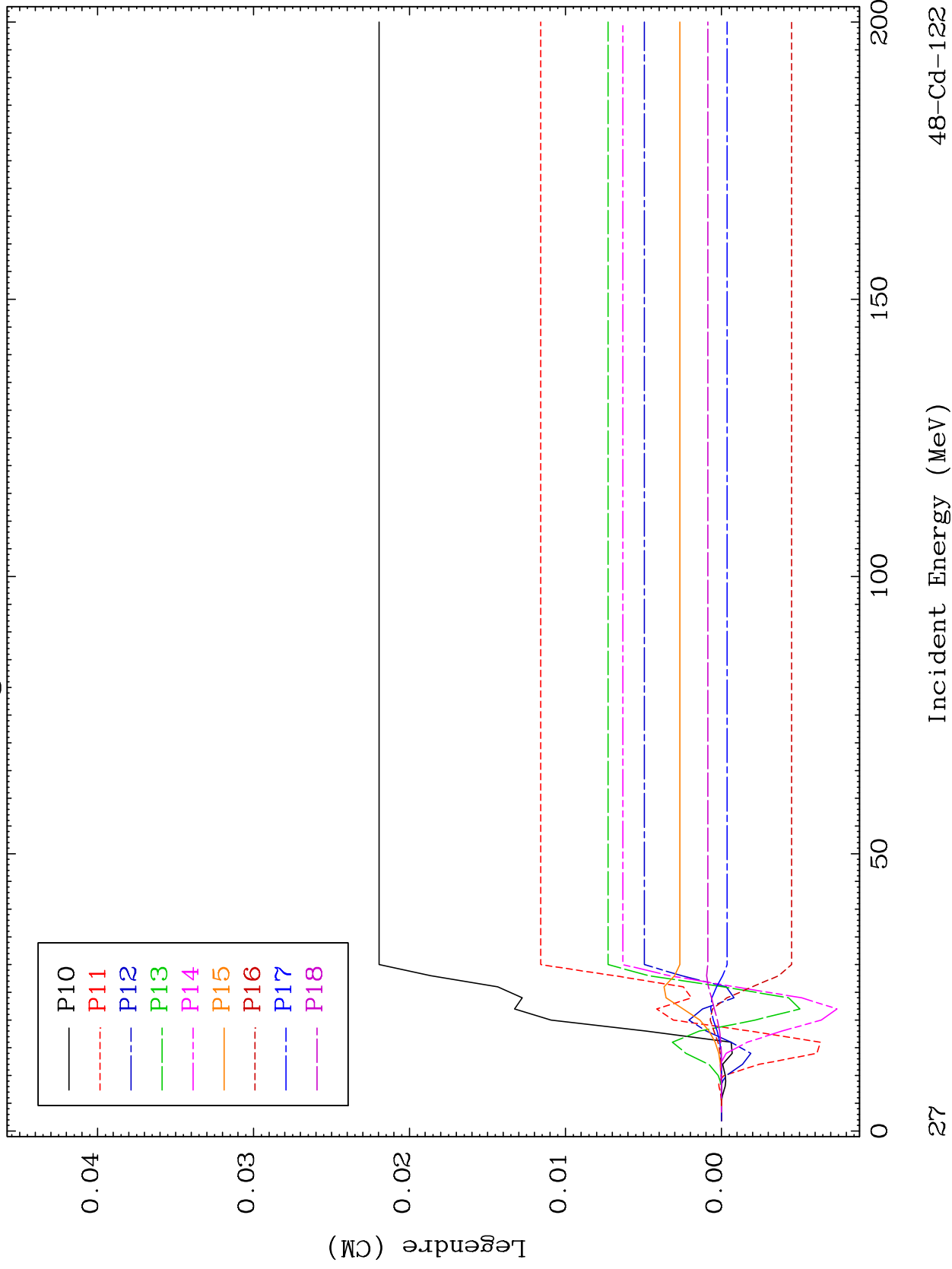
Incident Energy (MeV)

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MAT 4873

1.329 MeV (n,n') Level
Legendre Coefficients

48-Cd-122



27

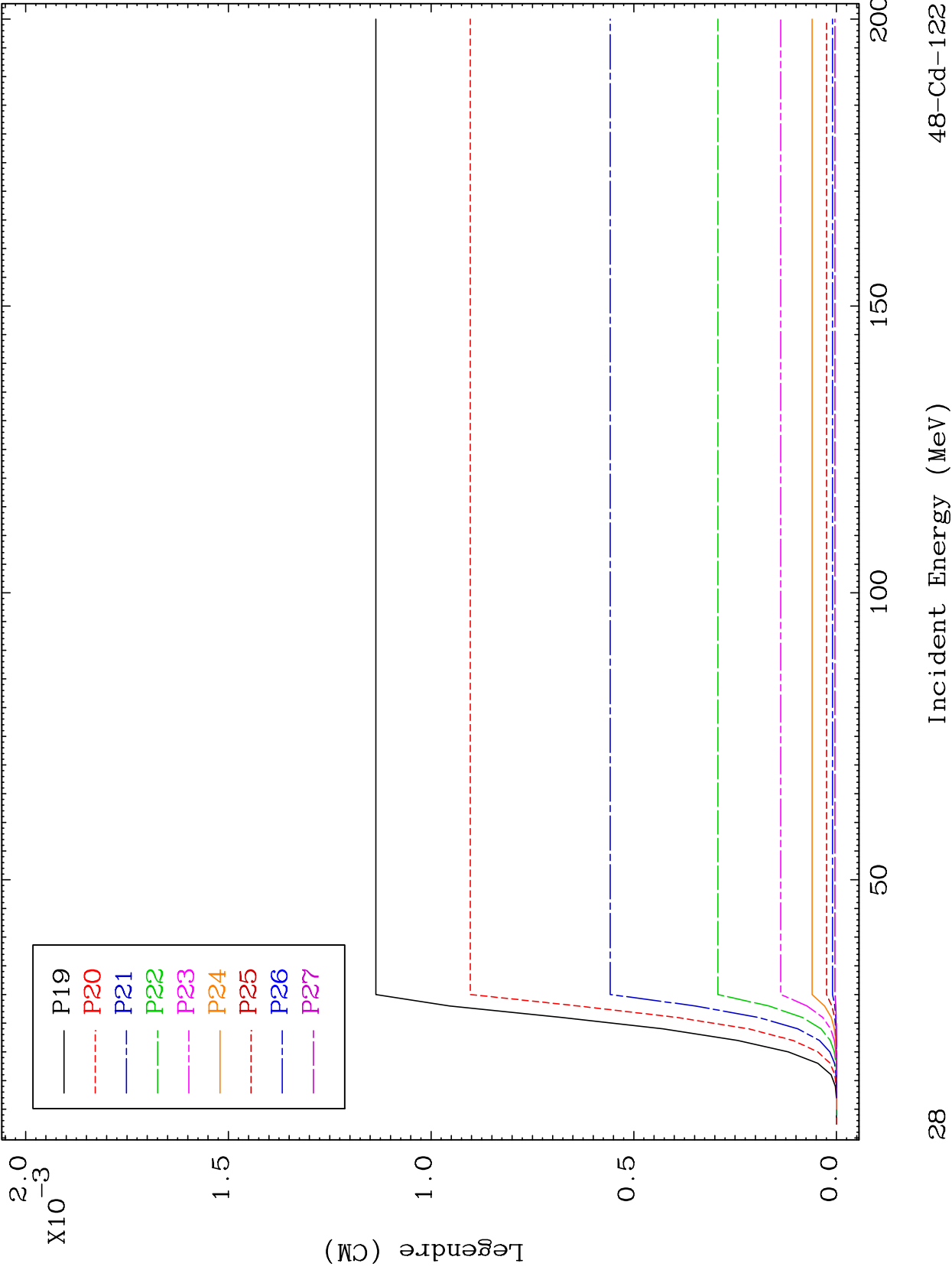
Incident Energy (MeV)

48-Cd-122

MAT 4873

1.329 MeV (n,n') Level
Legendre Coefficients

48-Cd-122



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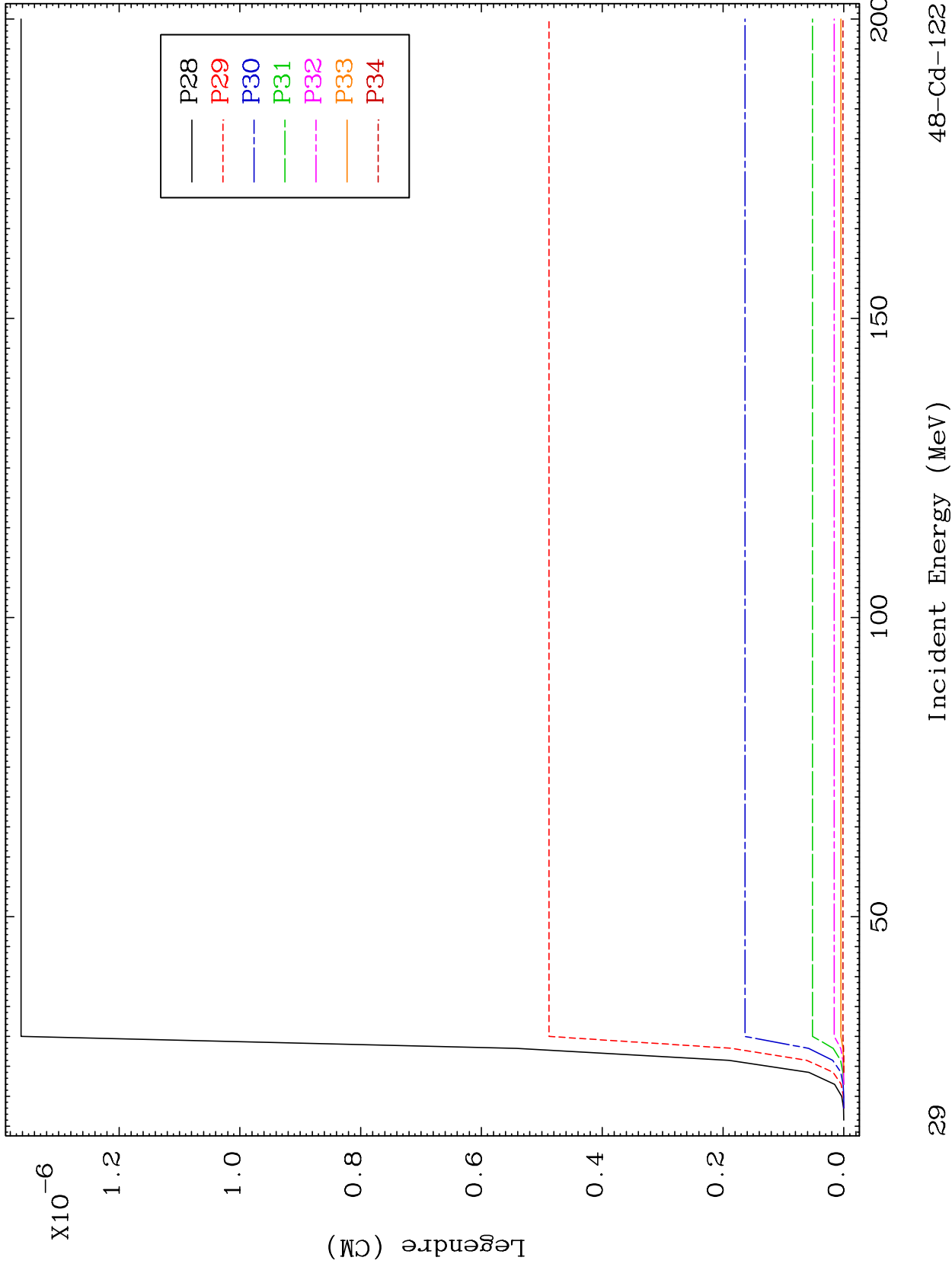
Incident Energy (MeV)

48-Cd-122

MAT 4873

1.329 MeV (n,n') Level
Legendre Coefficients

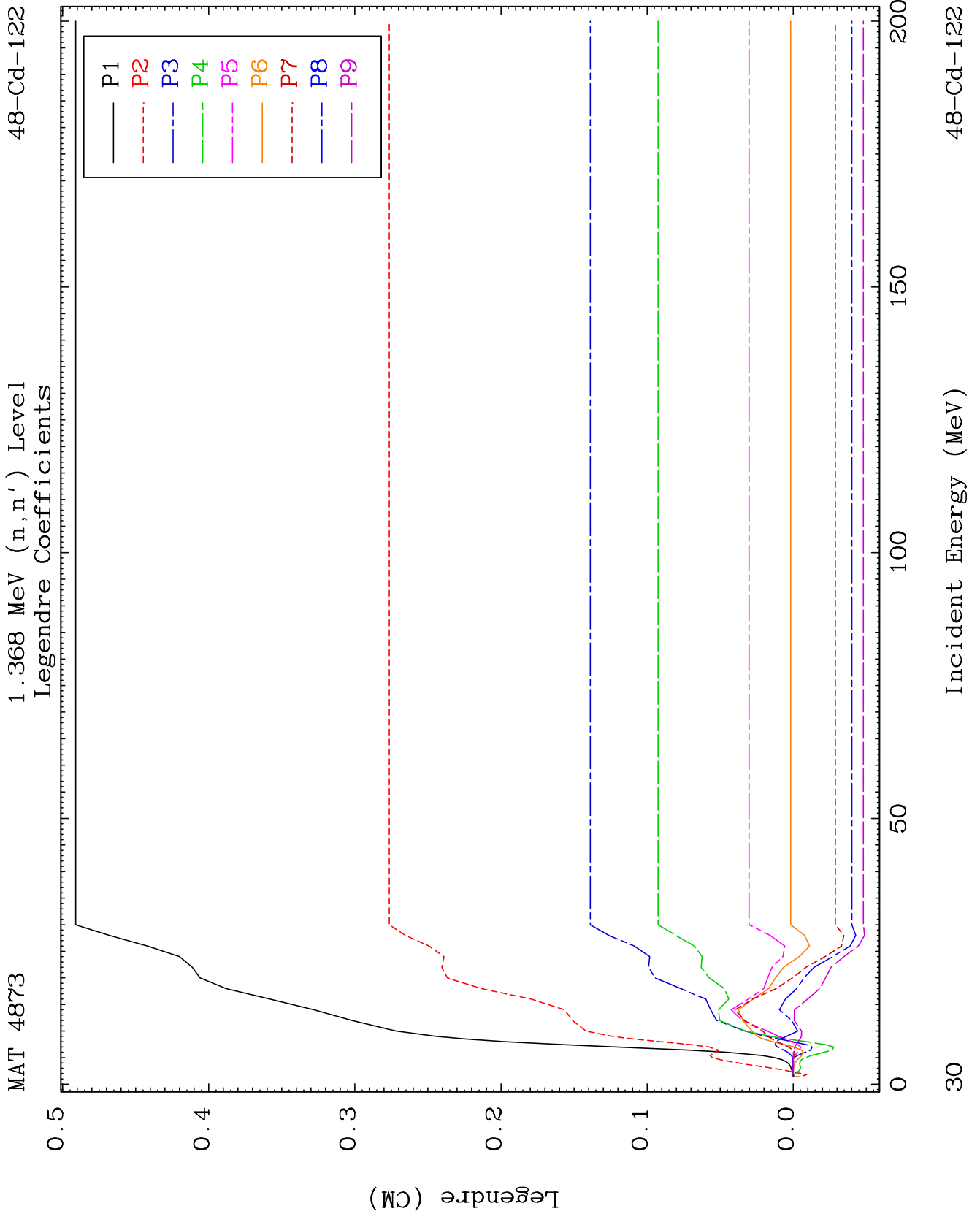
48-Cd-122



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Incident Energy (MeV)

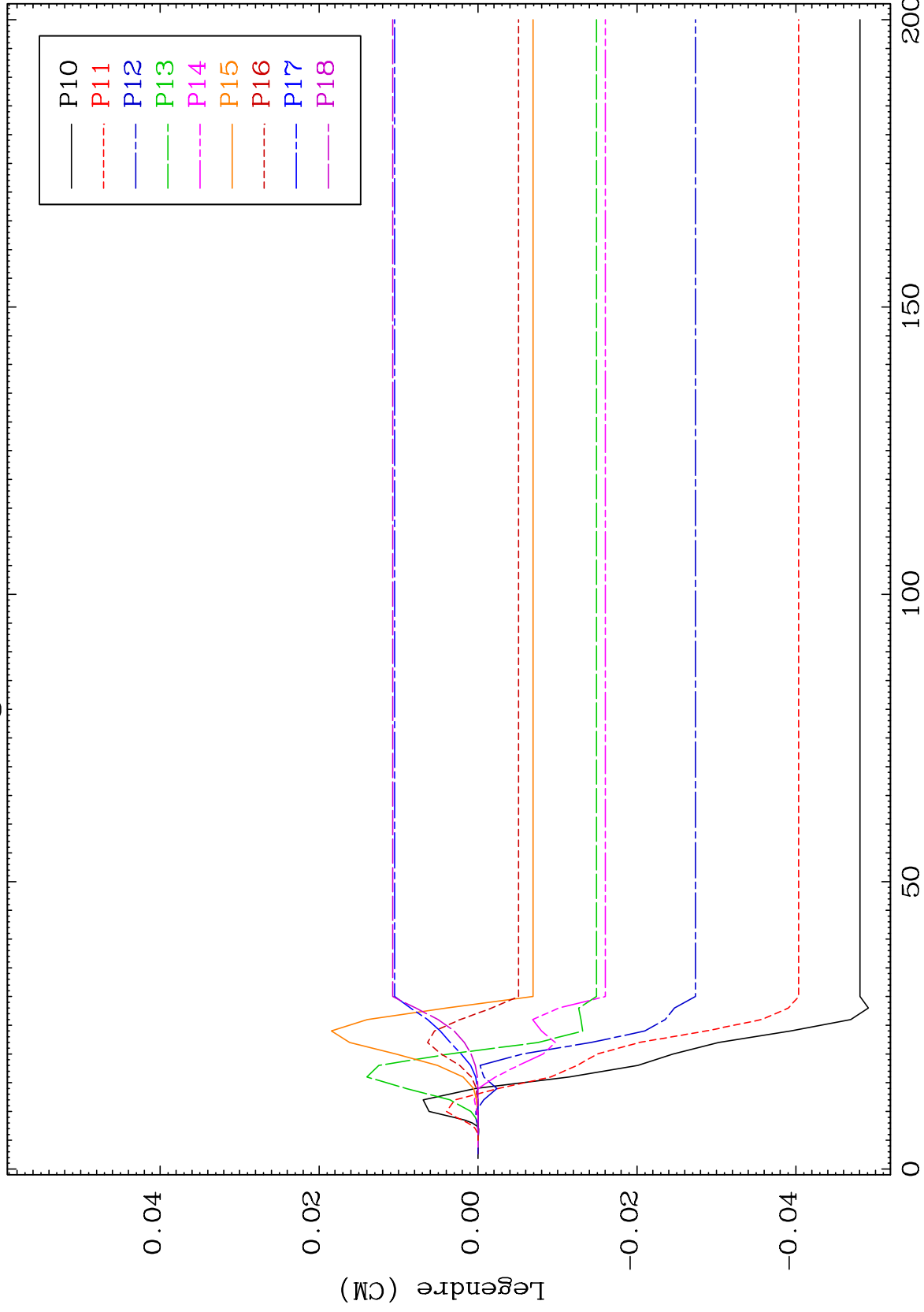
48-Cd-122



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1.368 MeV (n,n') Level
Legendre Coefficients

48-Cd-122



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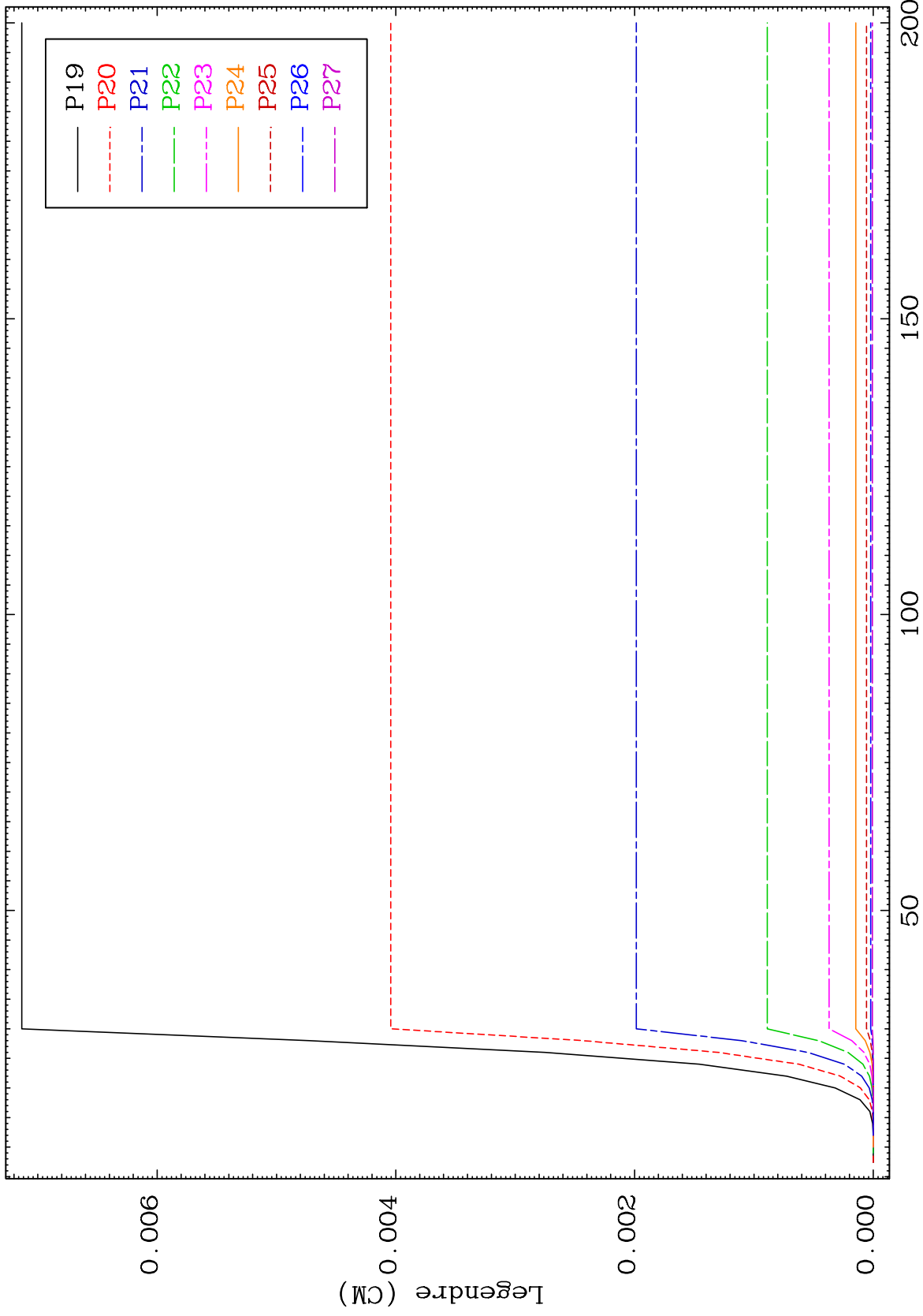
Incident Energy (MeV)

48-Cd-122

MAT 4873

1.368 MeV (n,n') Level
Legendre Coefficients

48-Cd-122



32

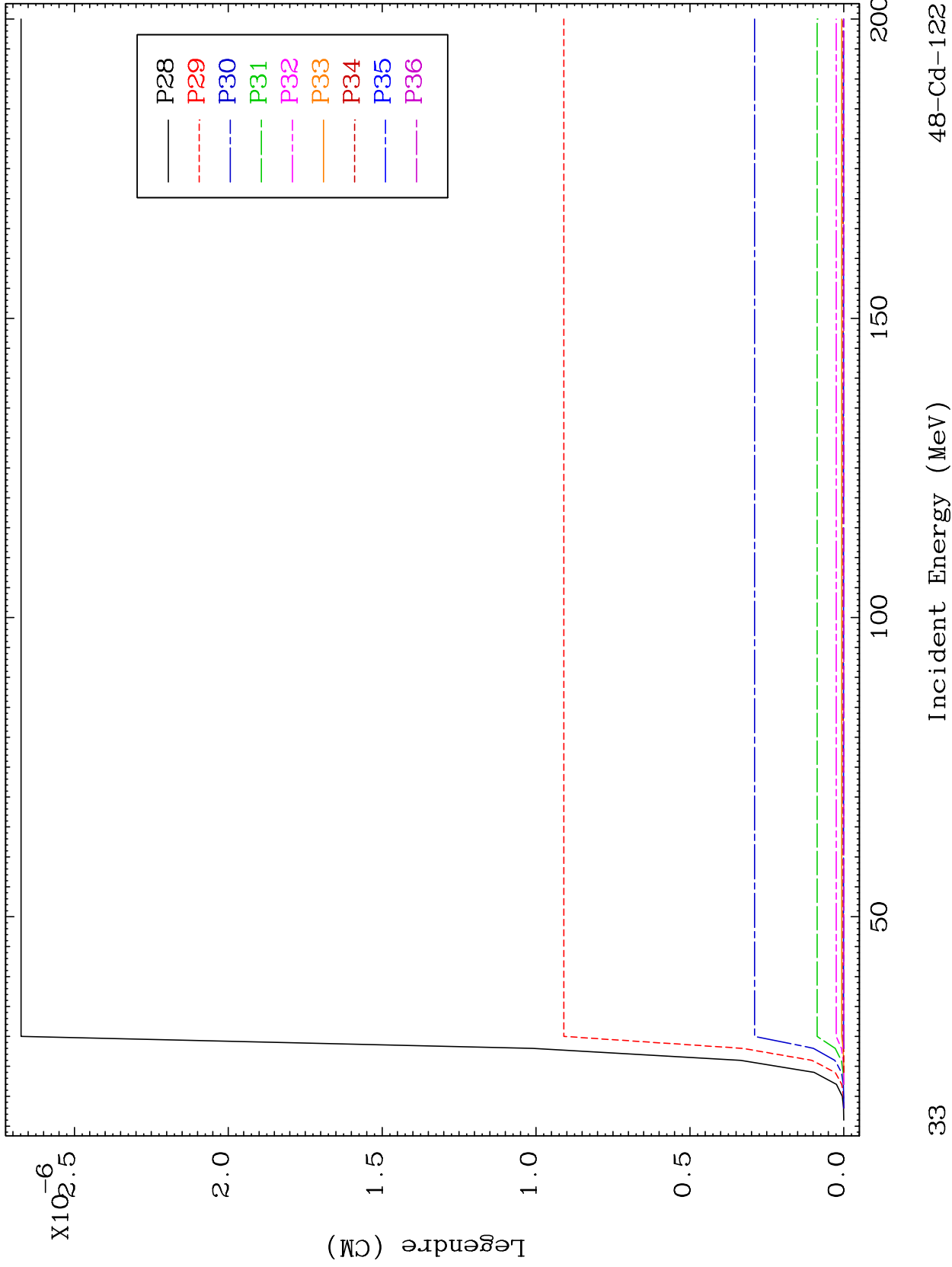
Incident Energy (MeV)

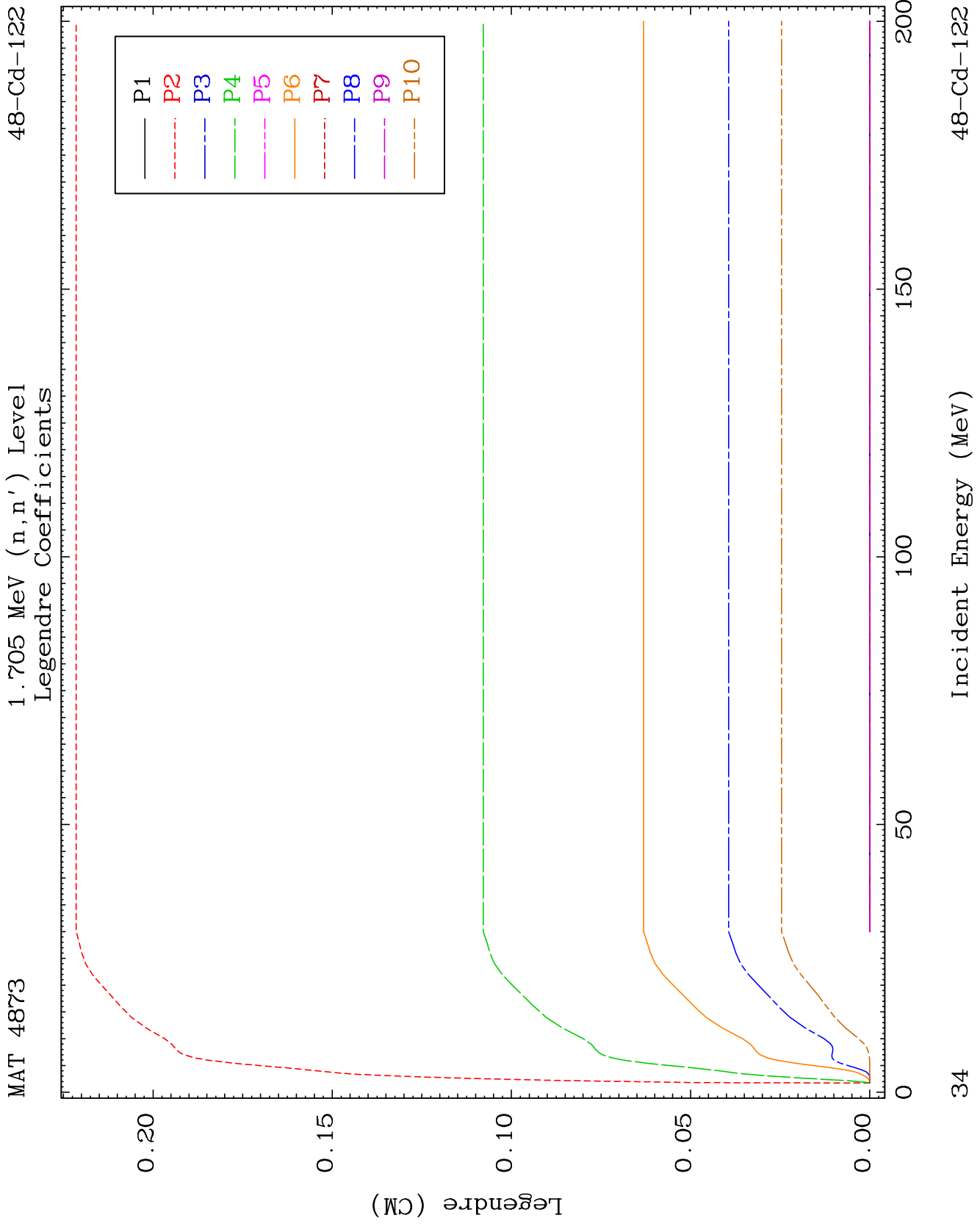
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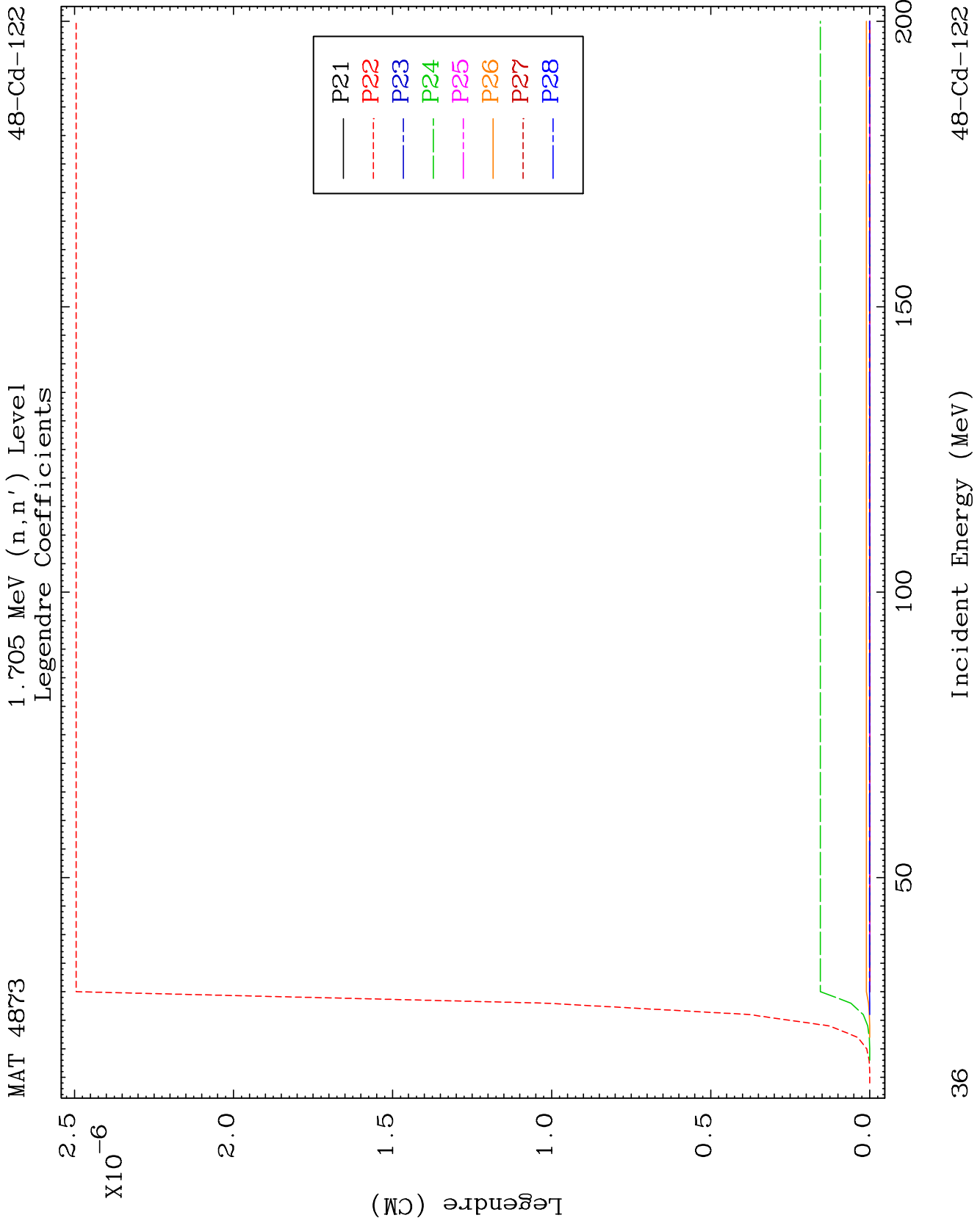
MAT 4873

1.368 MeV (n,n') Level
Legendre Coefficients

48-Cd-122



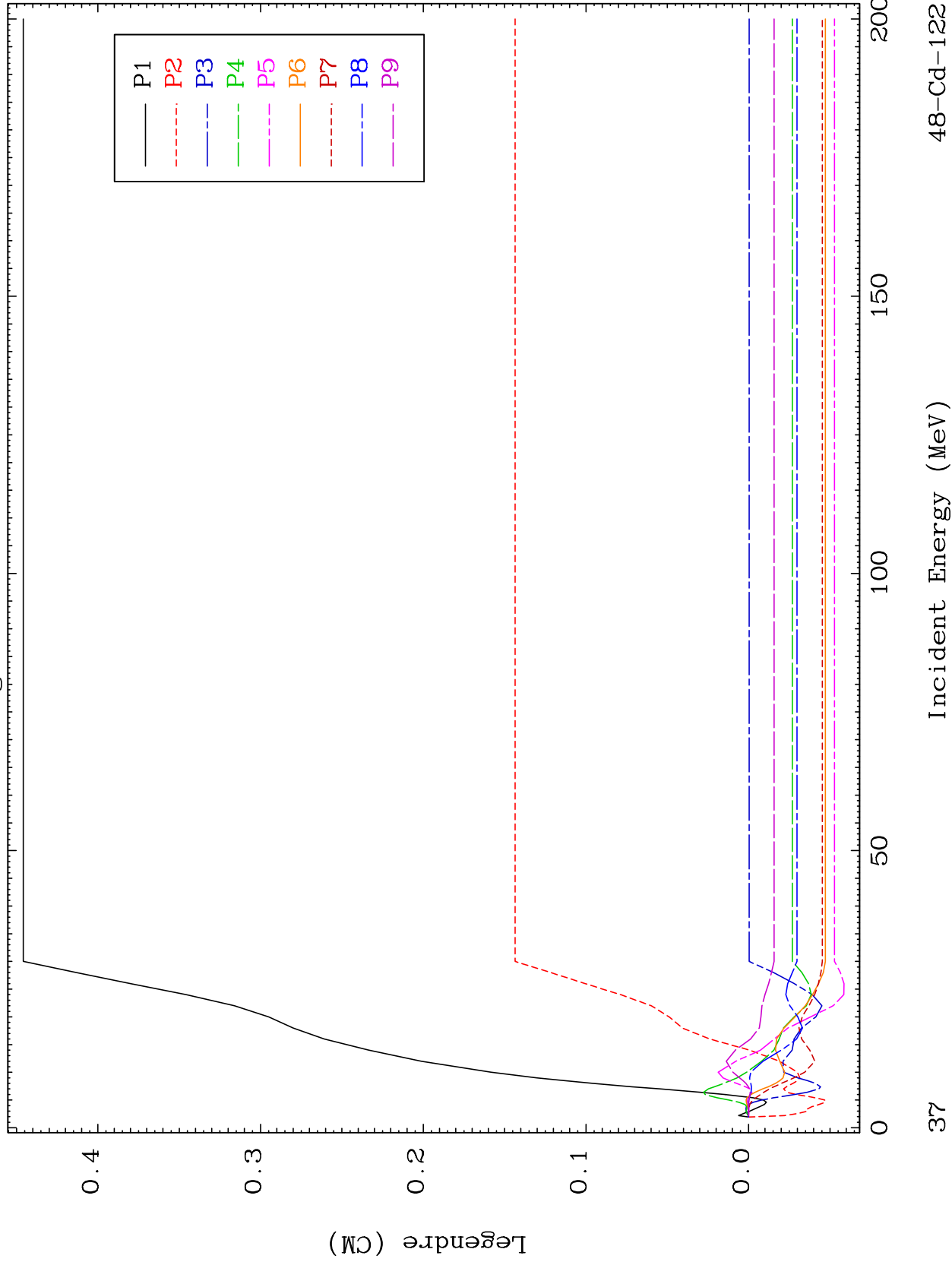




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1.909 MeV (n,n') Level
Legendre Coefficients

48-Cd-122



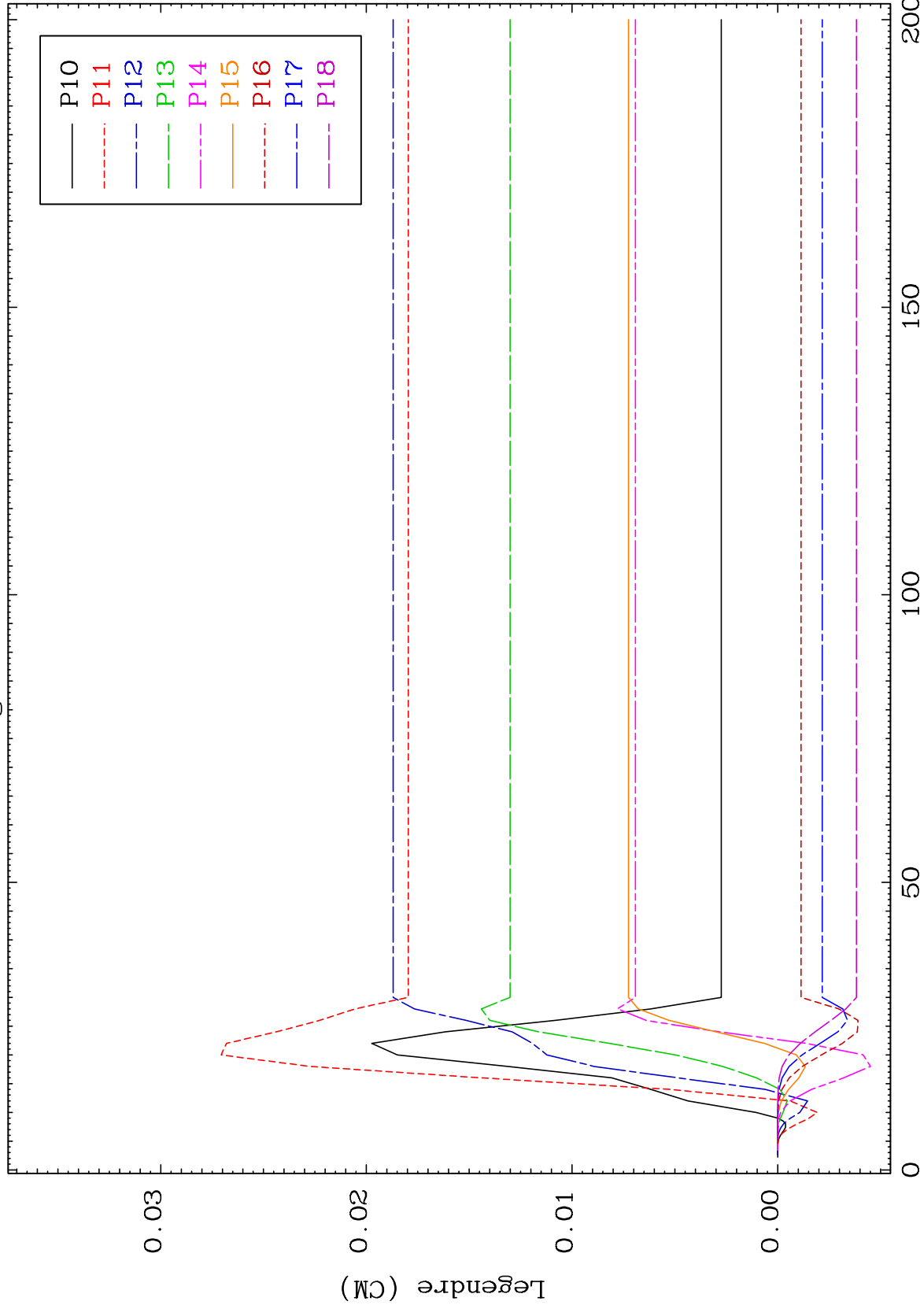
37

48-Cd-122

MAT 4873

1.909 MeV (n,n') Level
Legendre Coefficients

48-Cd-122



38

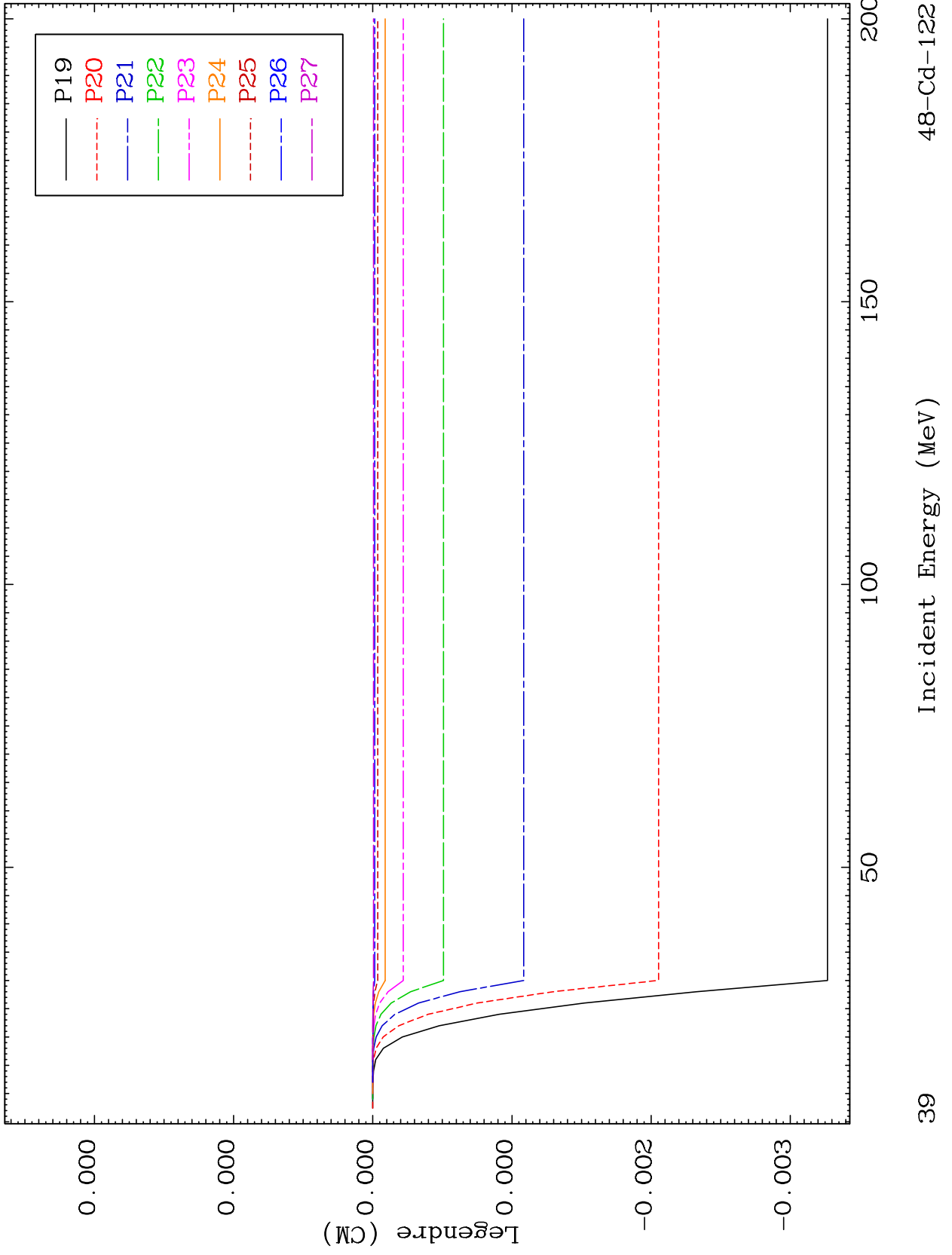
Incident Energy (MeV)

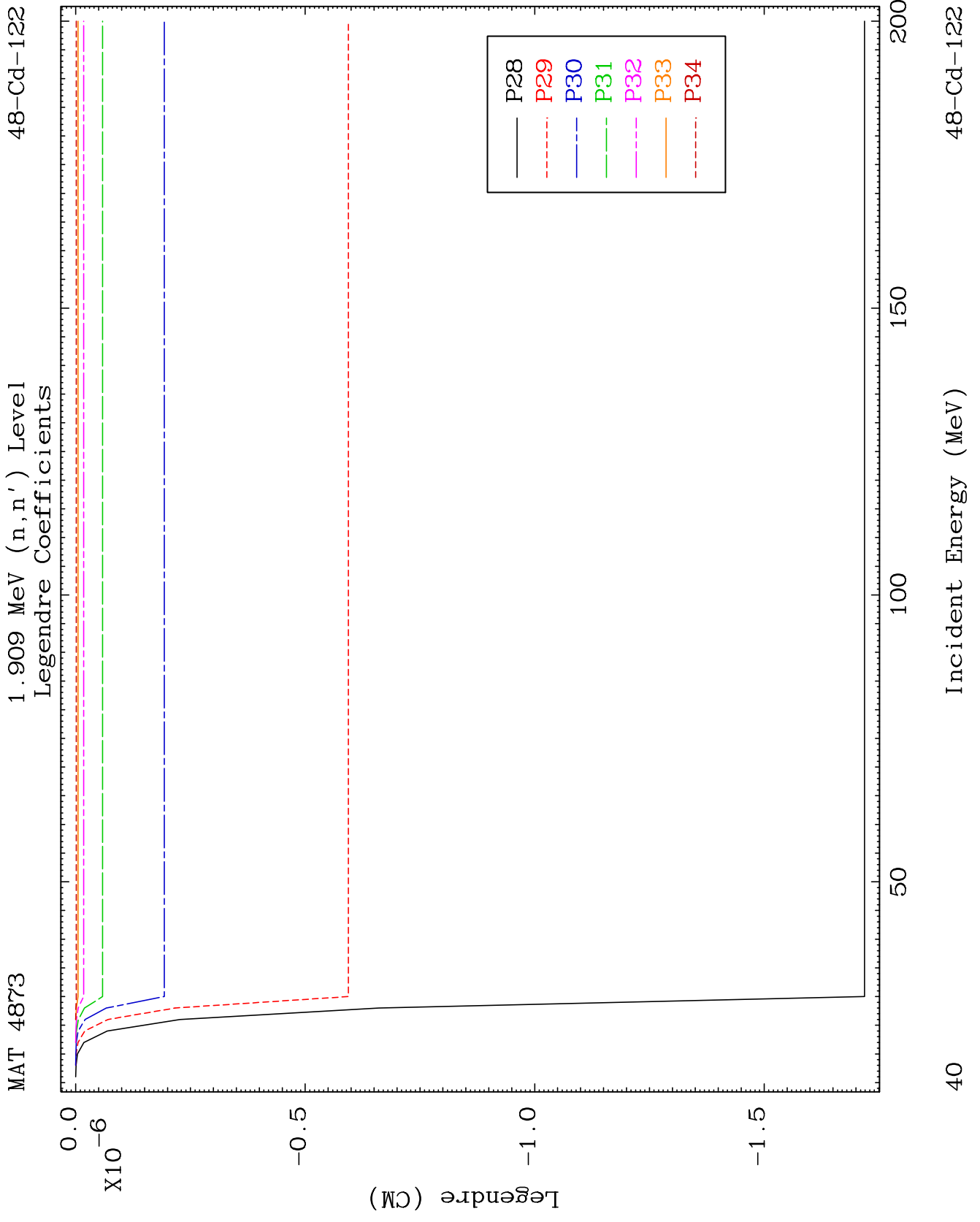
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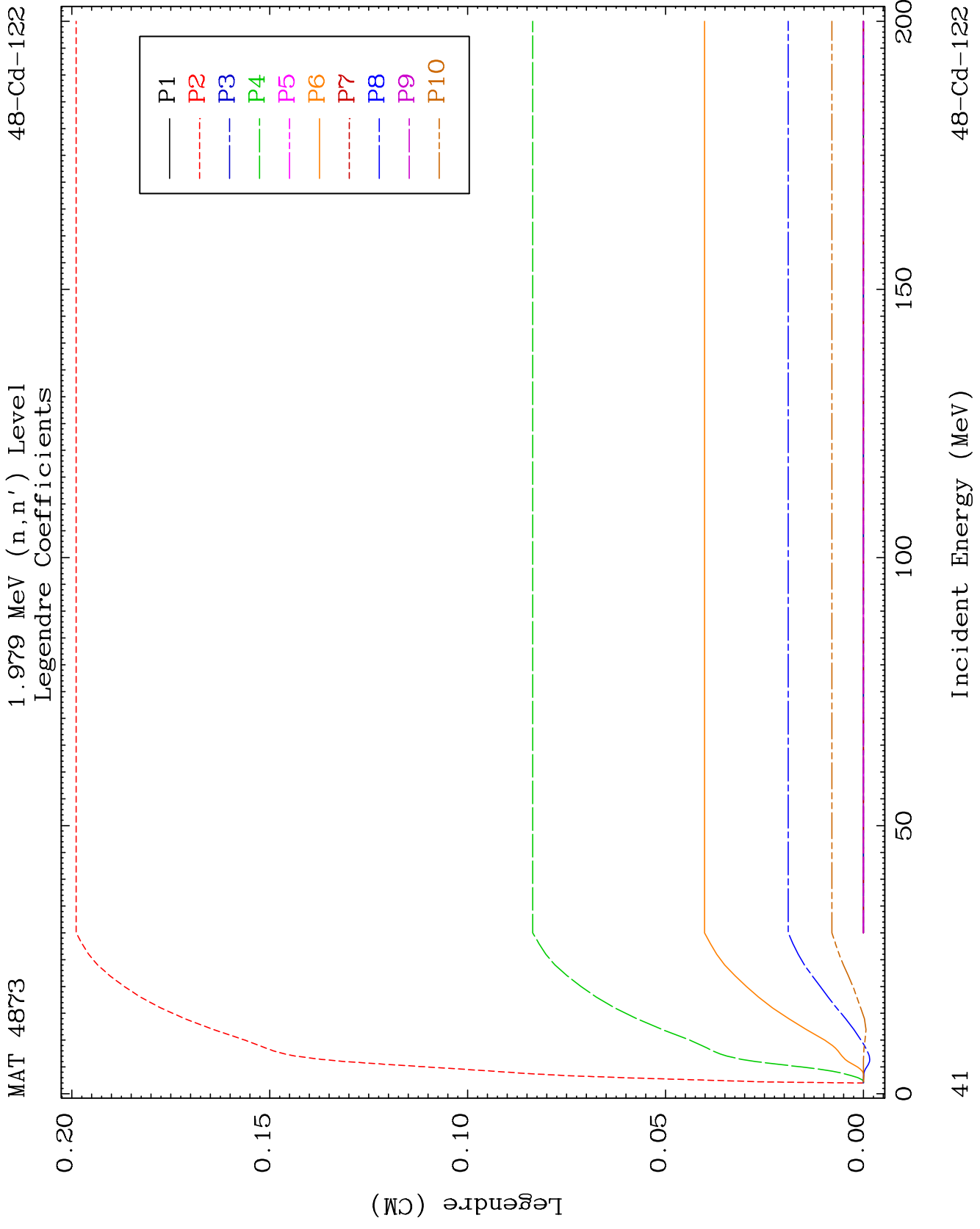
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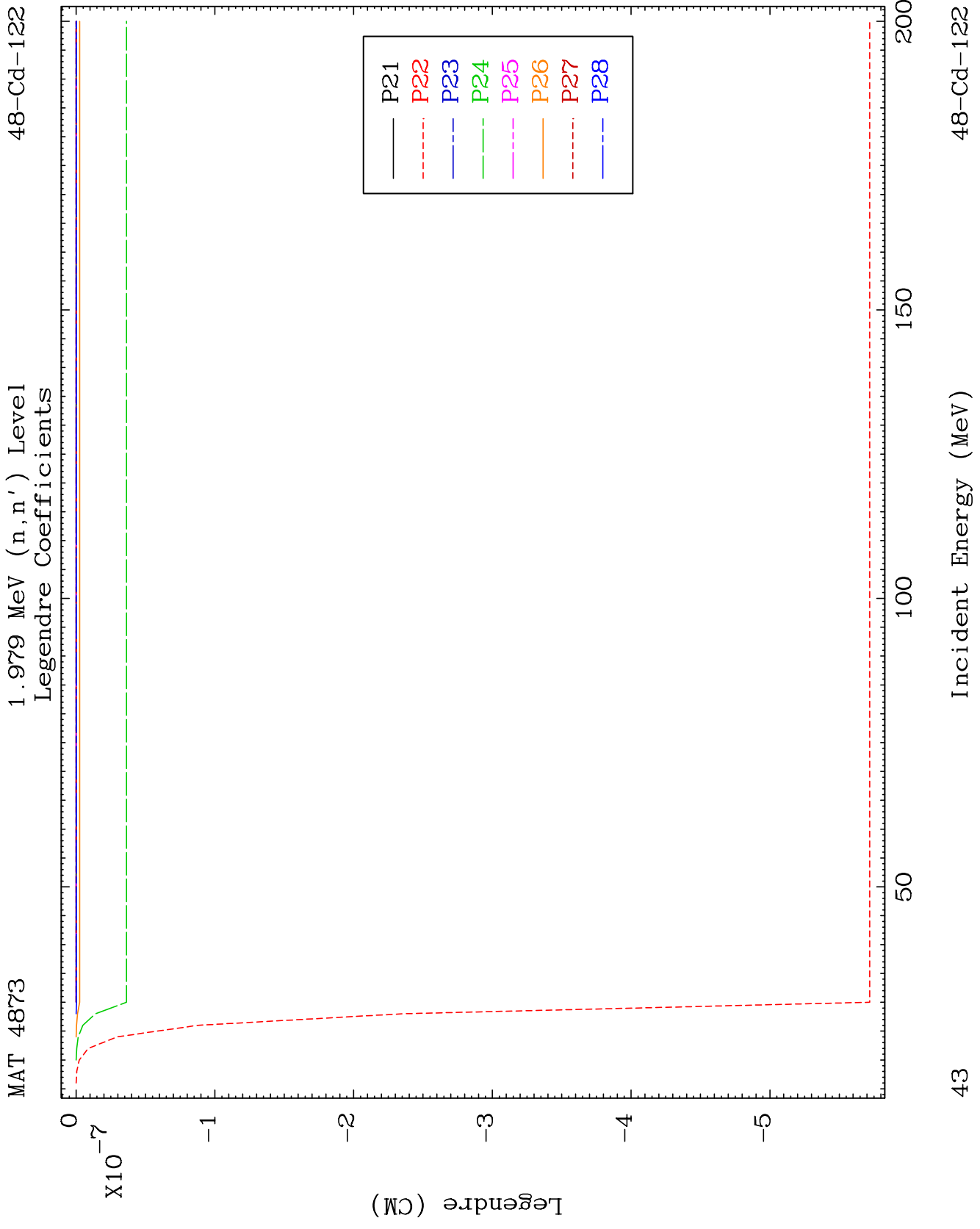
1.909 MeV (n,n') Level
Legendre Coefficients

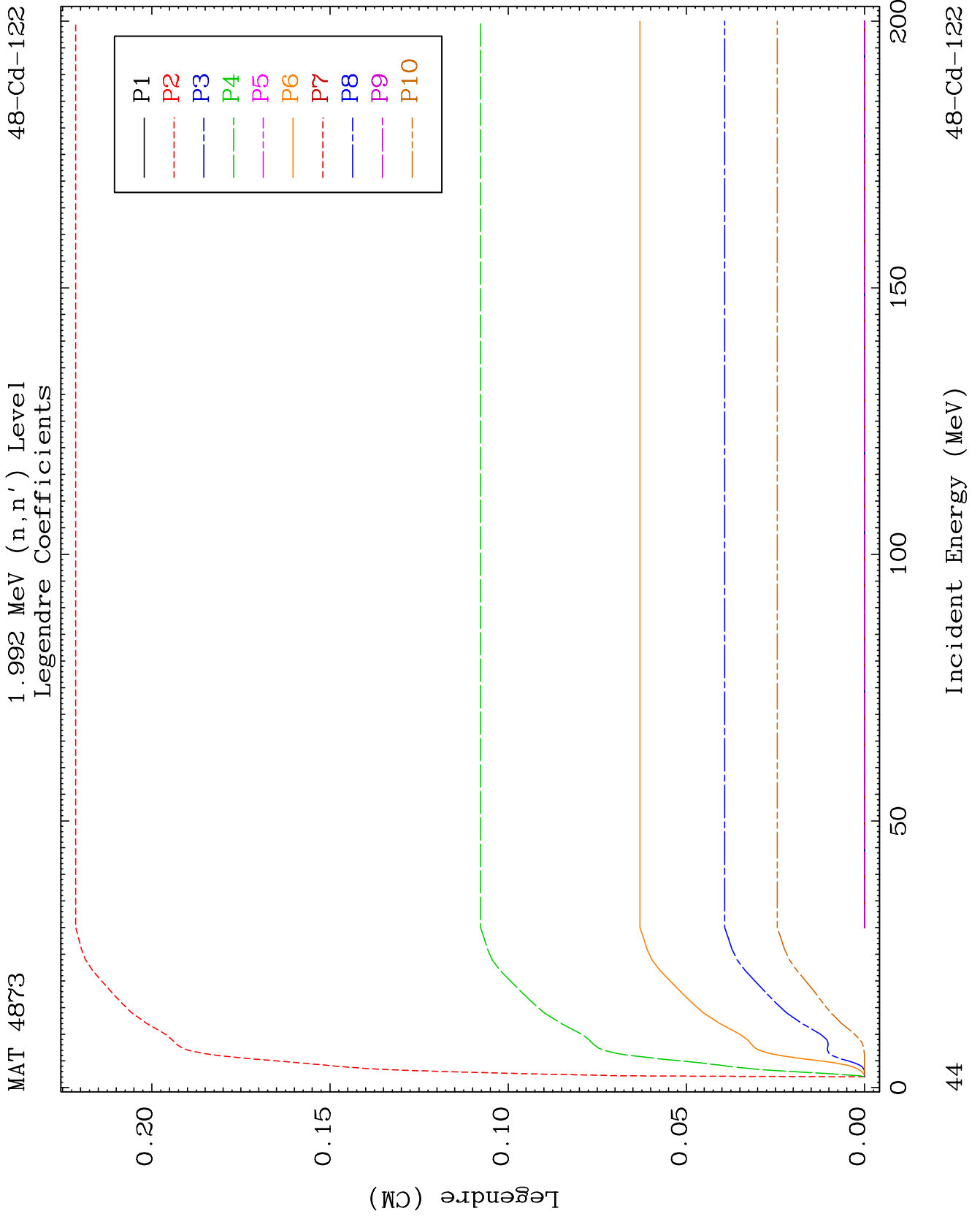
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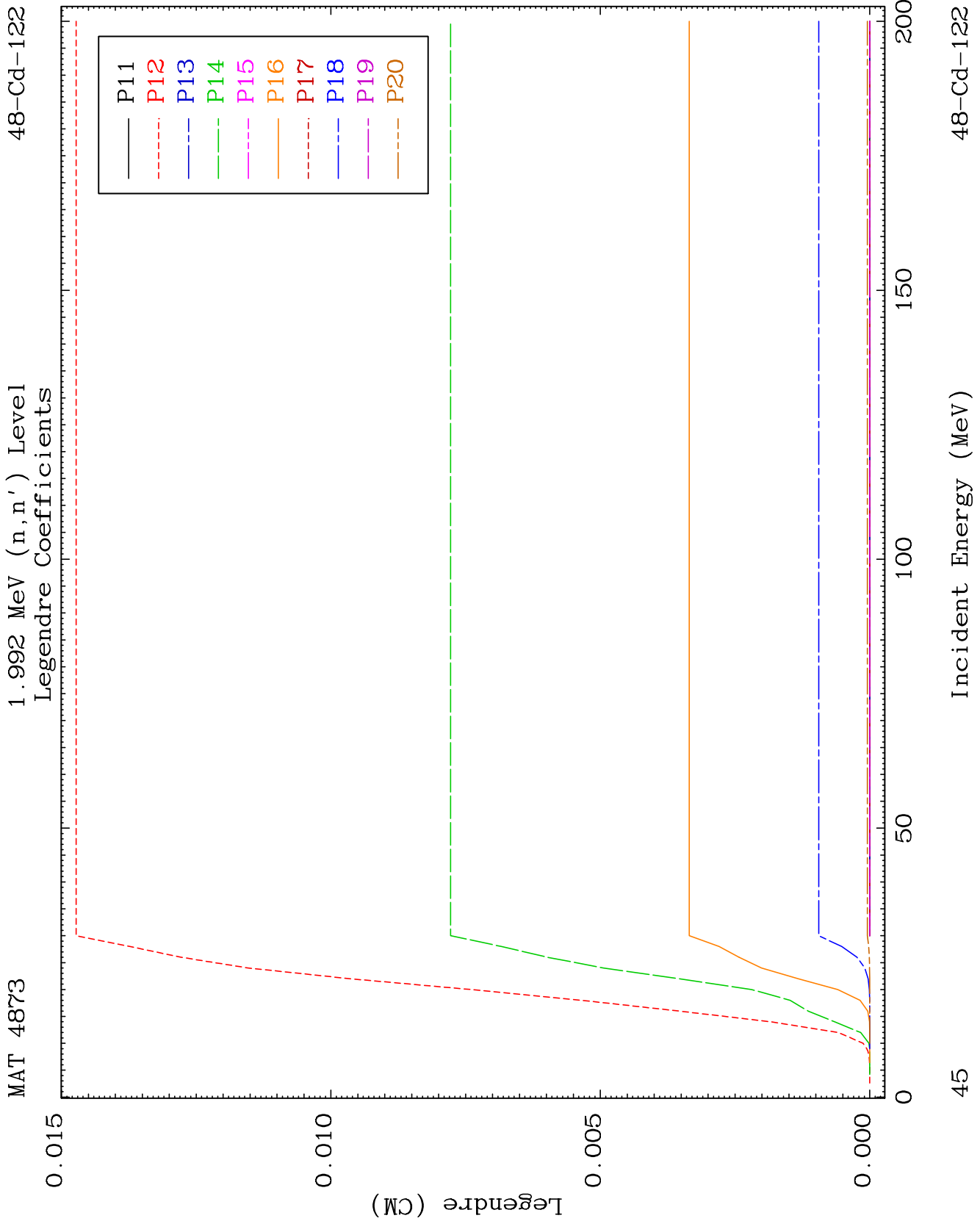


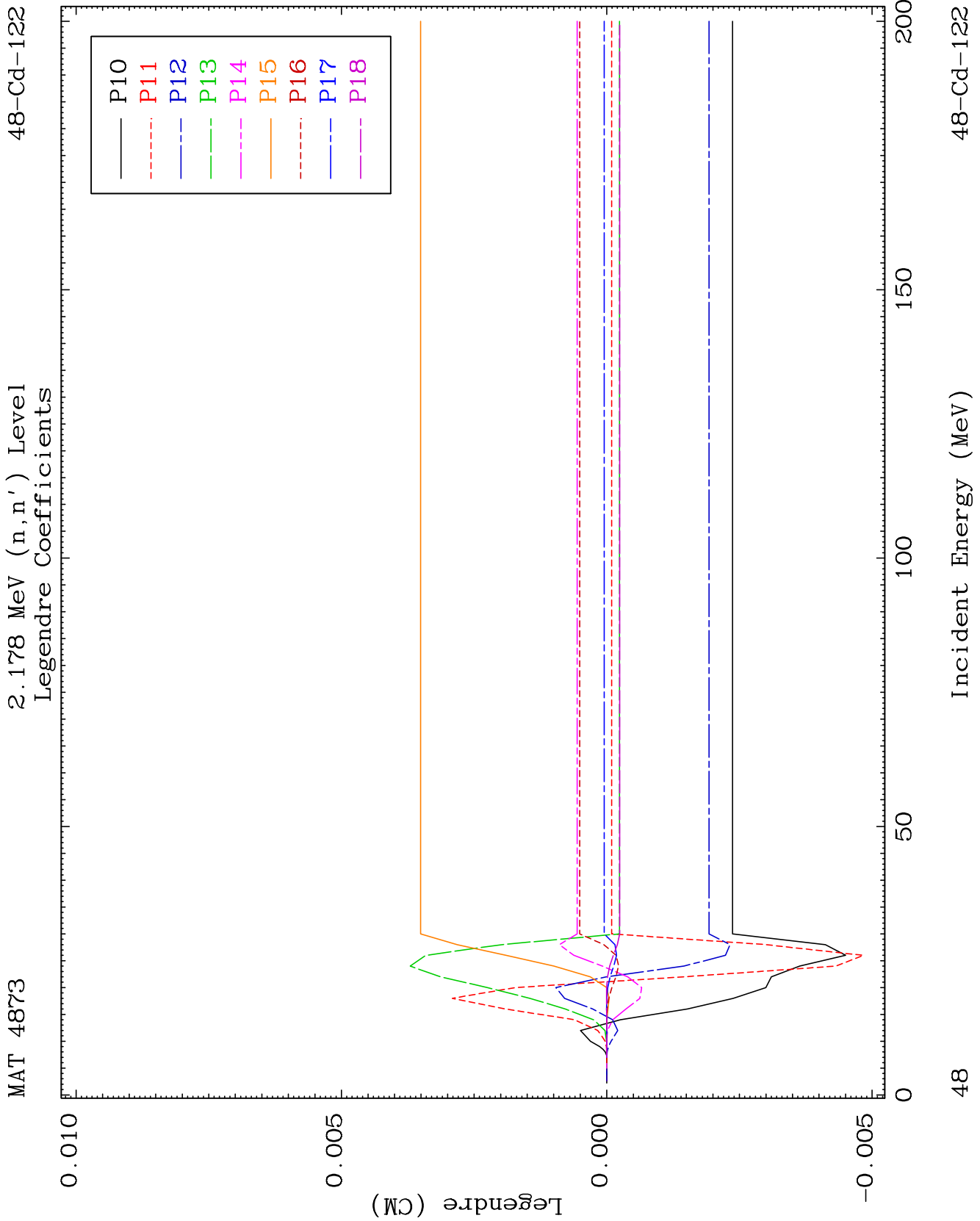


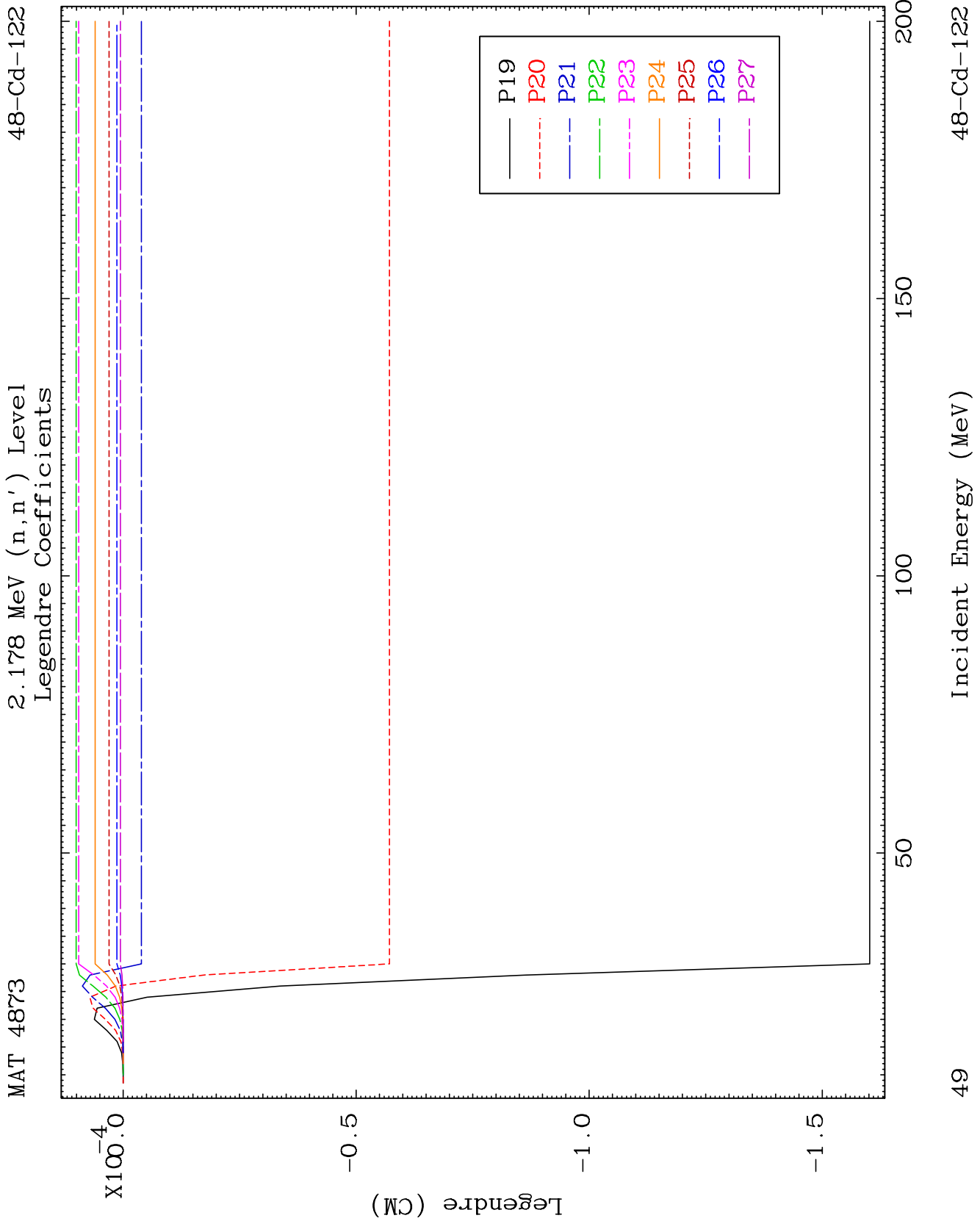








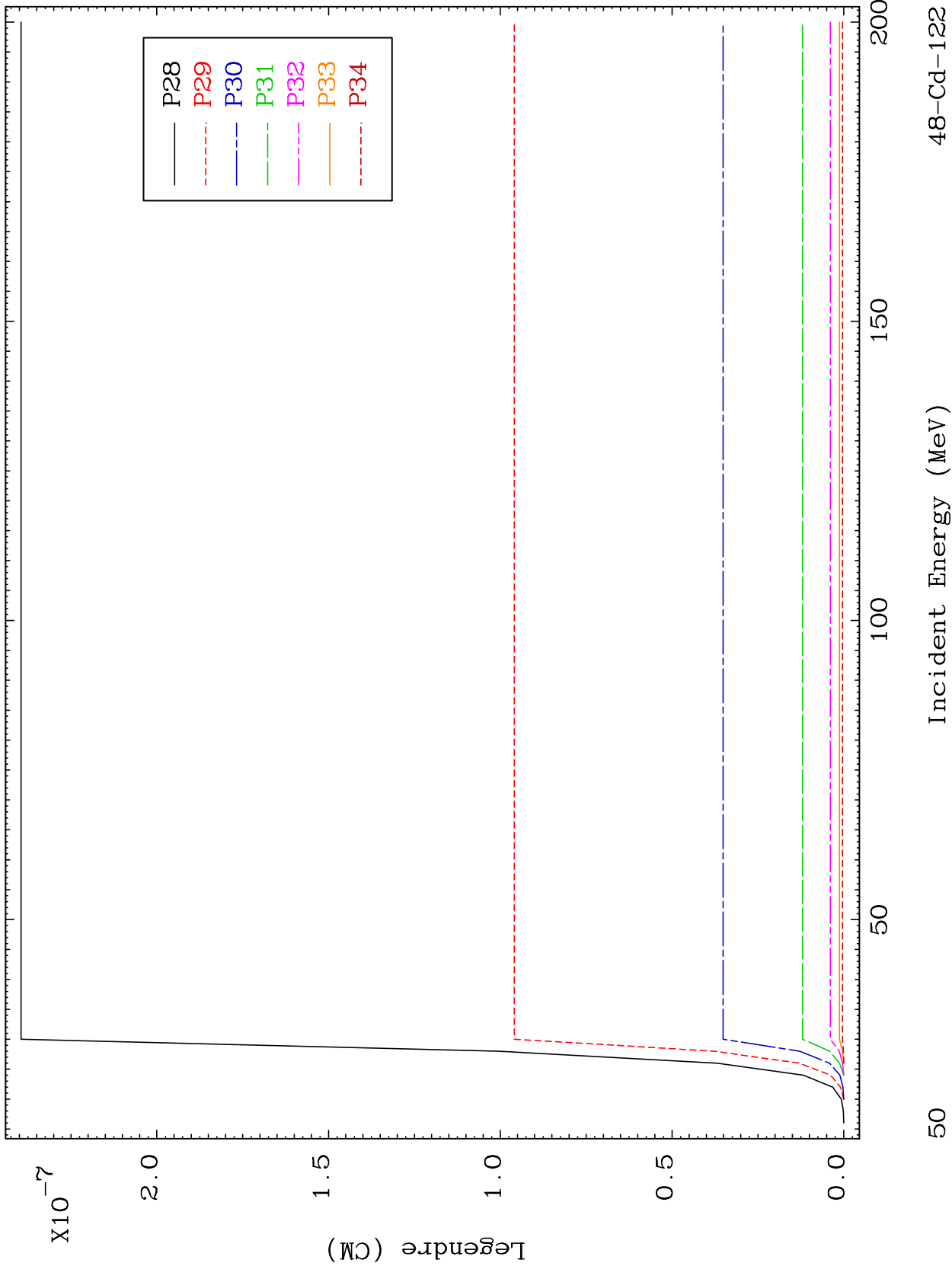




MAT 4873

2.178 MeV (n, n') Level
Legendre Coefficients

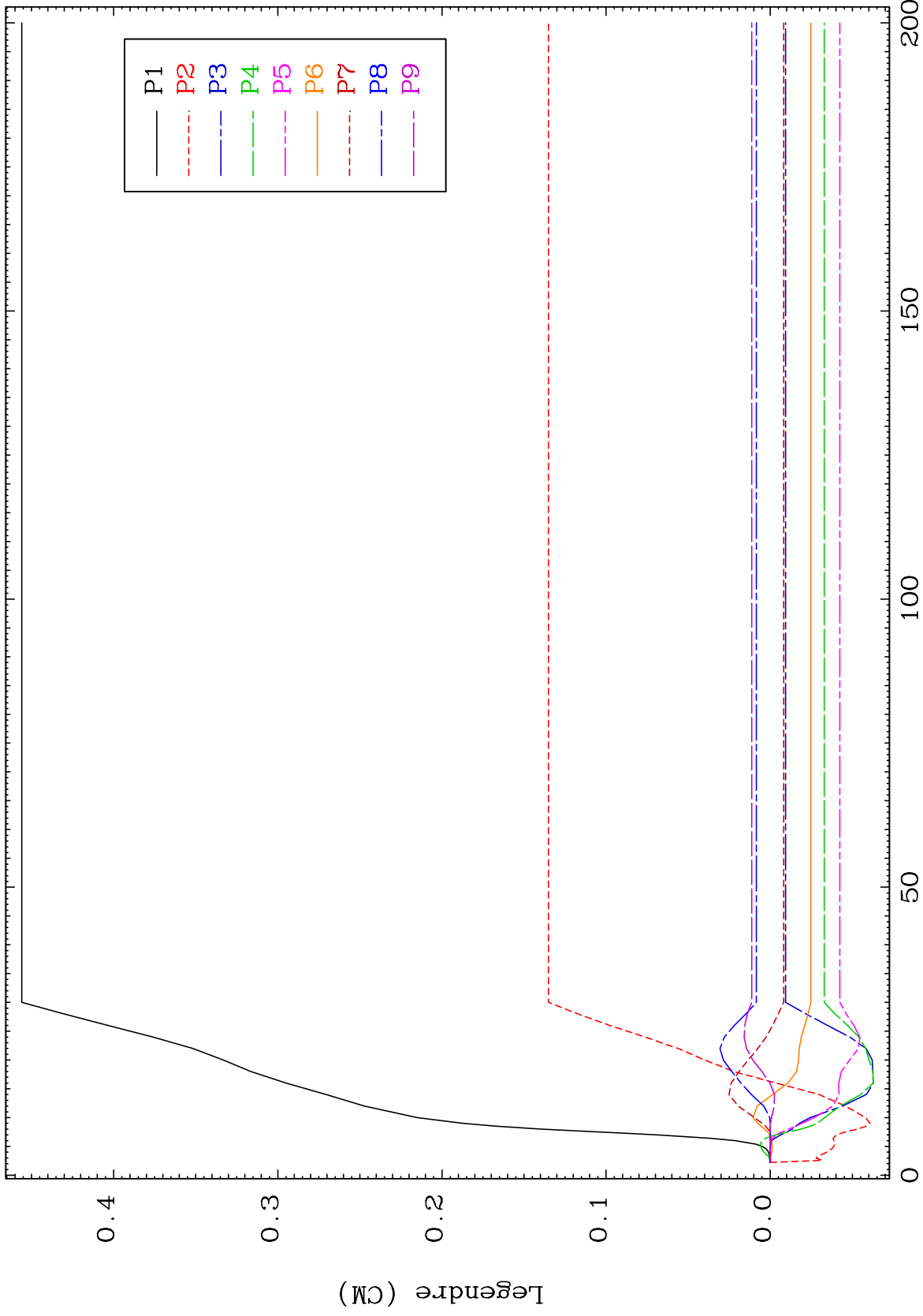
48-Cd-122



MAT 4873

2.197 MeV (n,n') Level
Legendre Coefficients

48-Cd-122



51

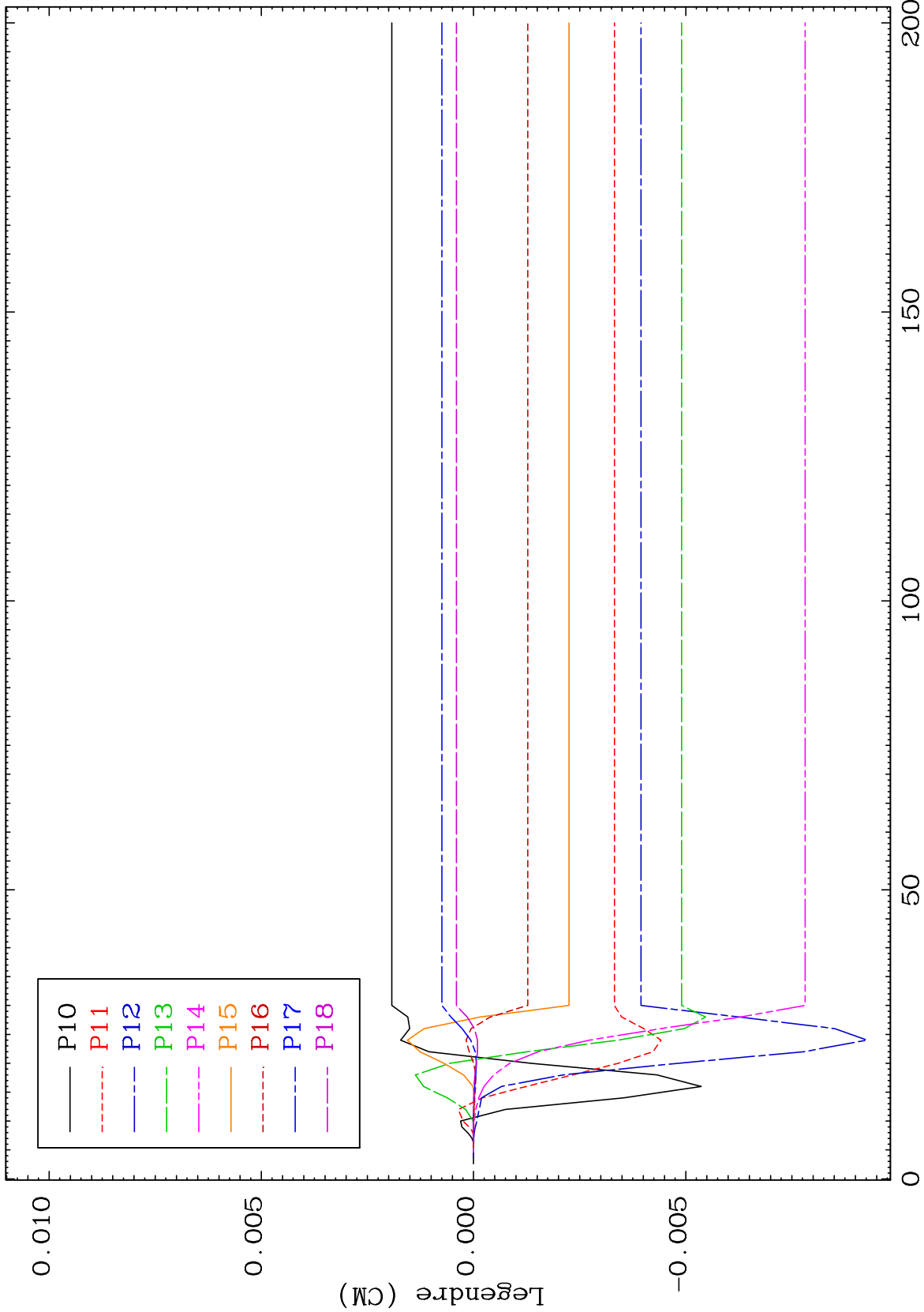
Incident Energy (MeV)

48-Cd-122

MAT 4873

2.197 MeV (n,n') Level
Legendre Coefficients

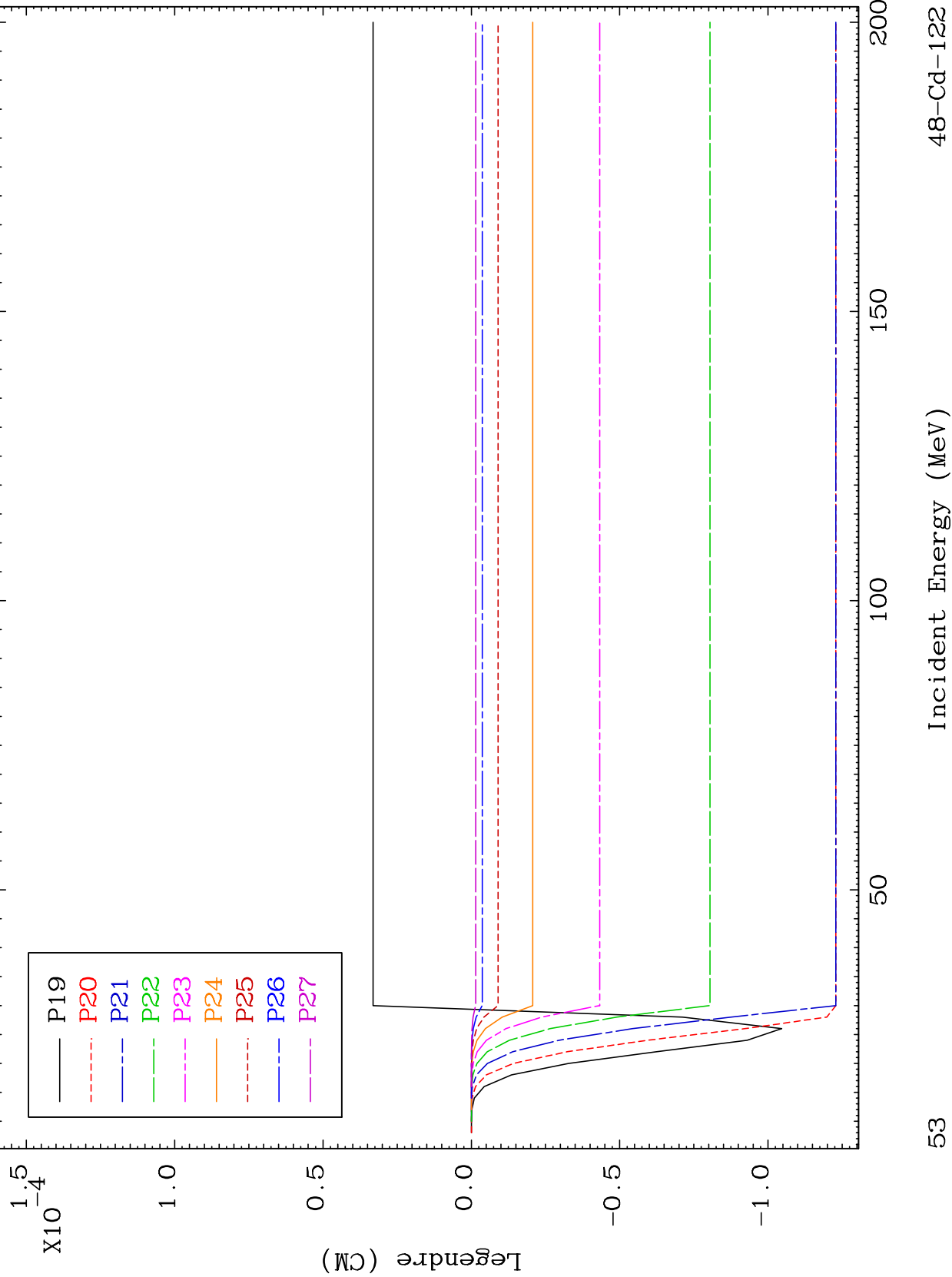
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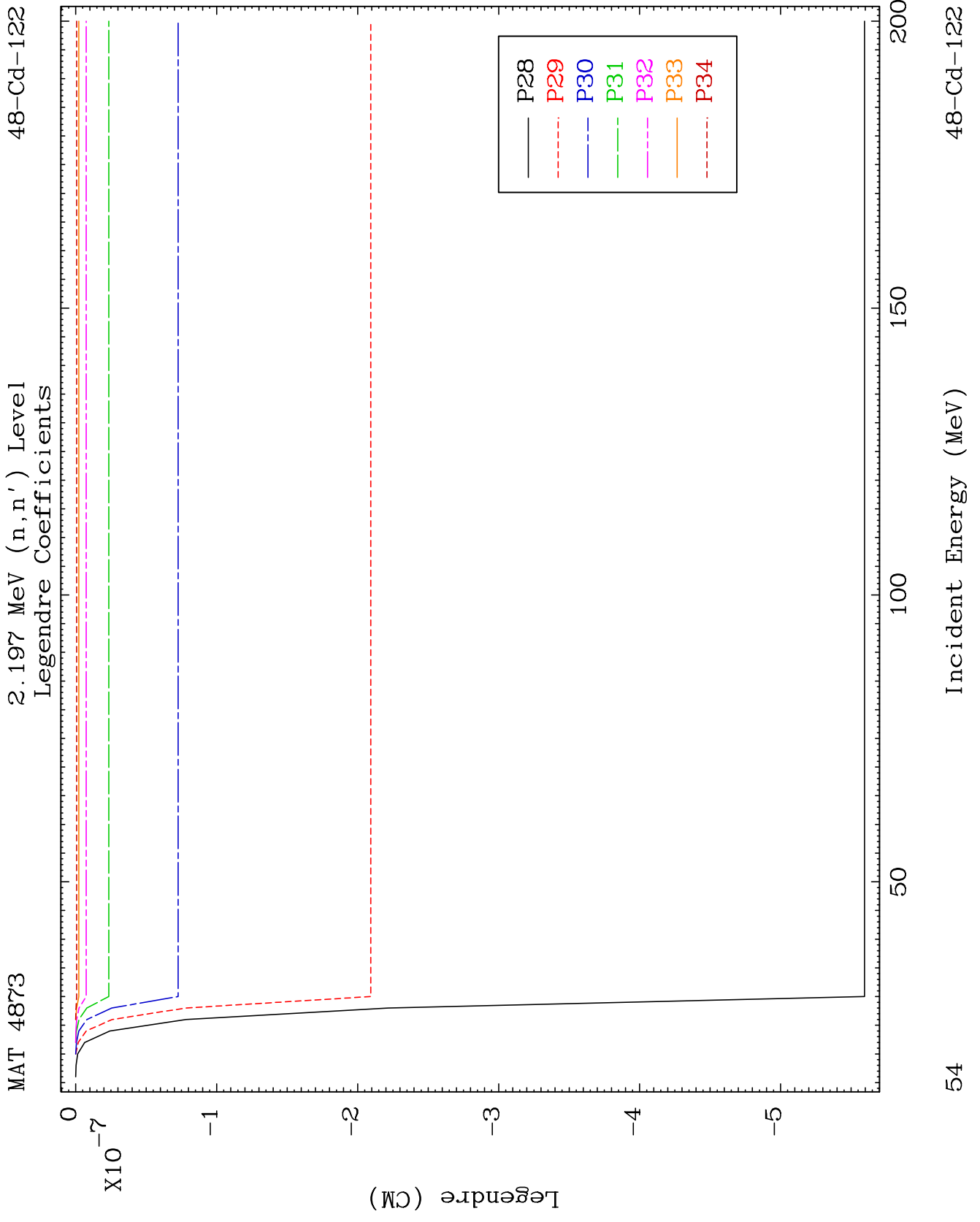


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Incident Energy (MeV)

48-Cd-122

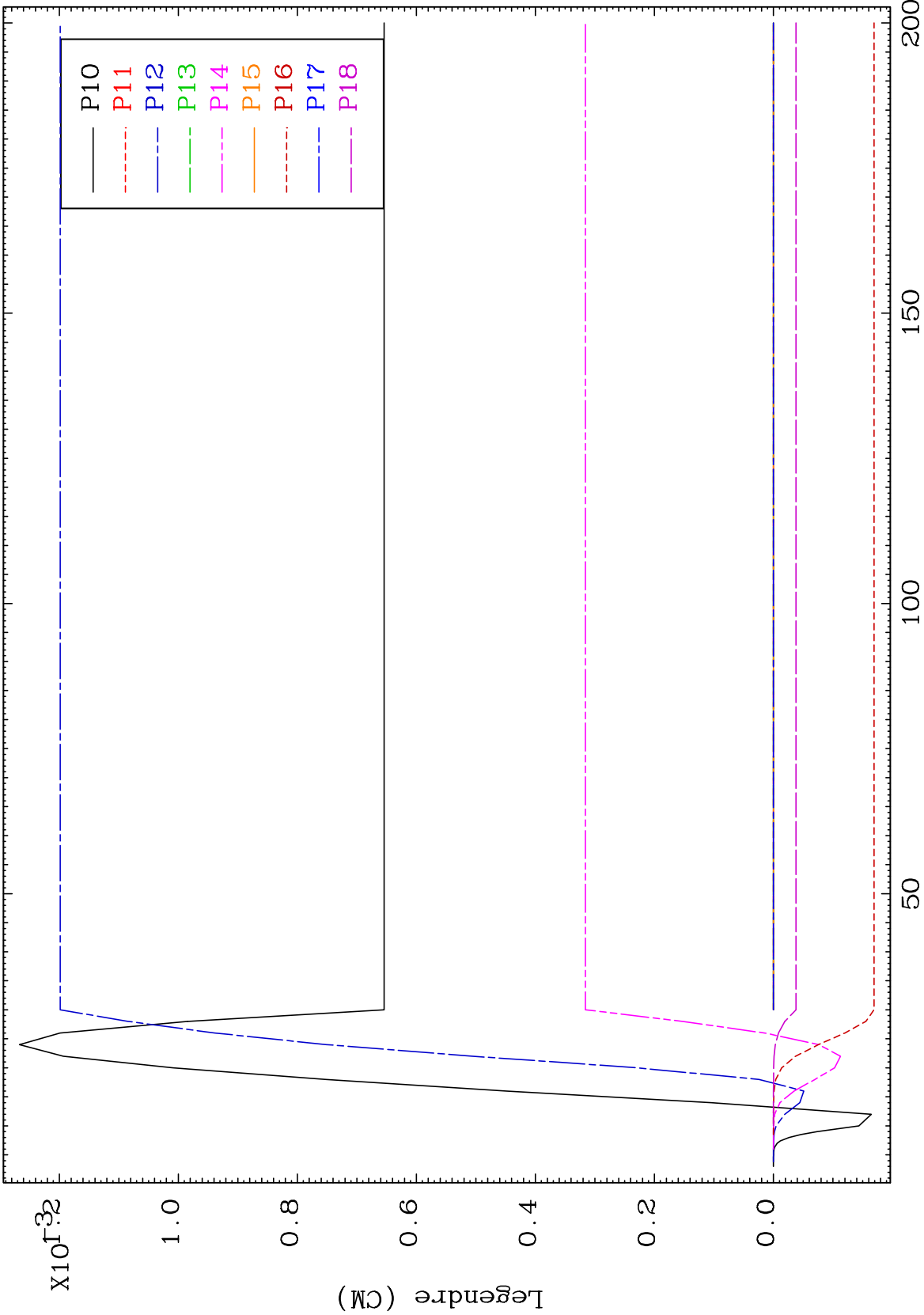




MAT 4873

2.316 MeV (n,n') Level
Legendre Coefficients

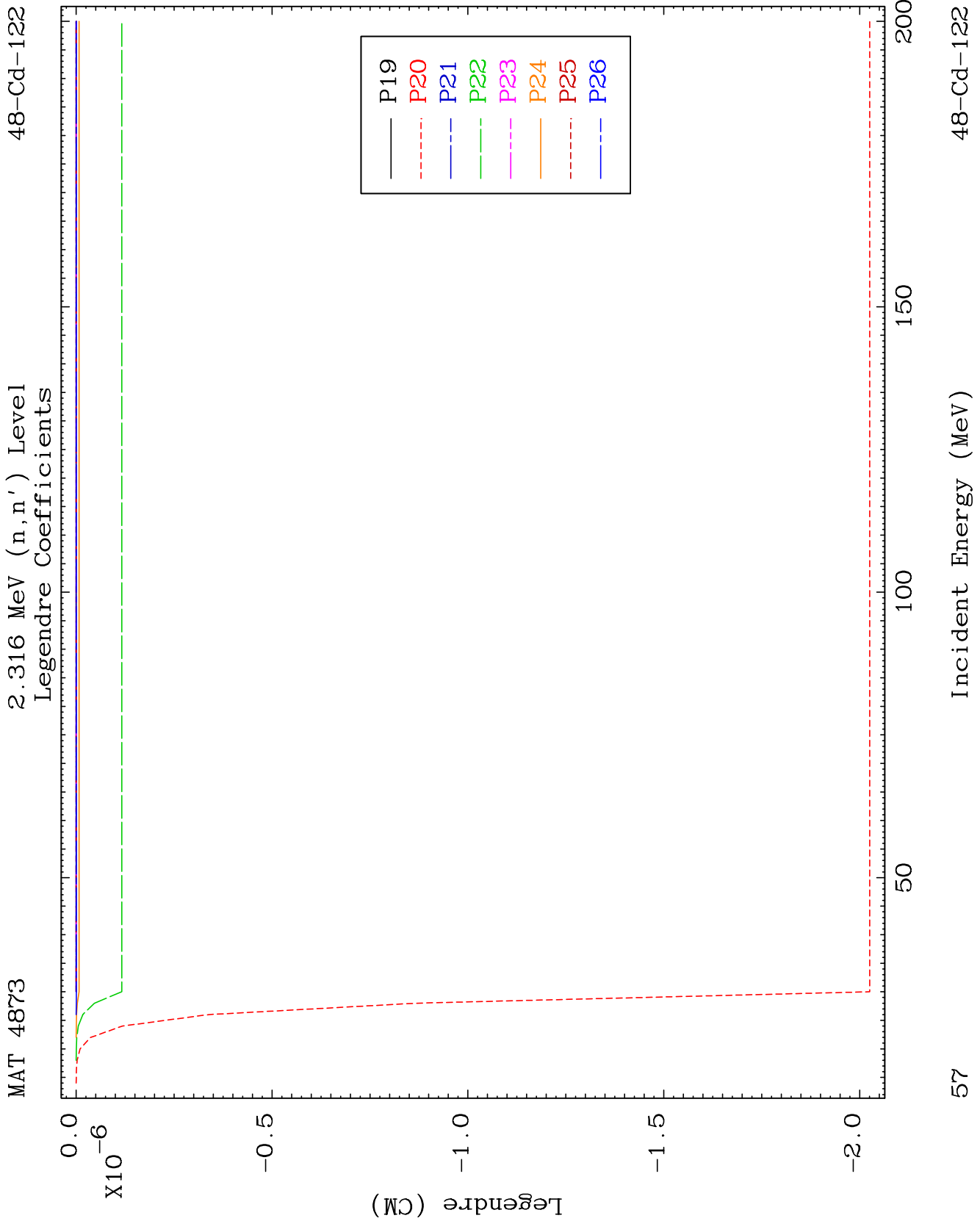
48-Cd-122



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Incident Energy (MeV)

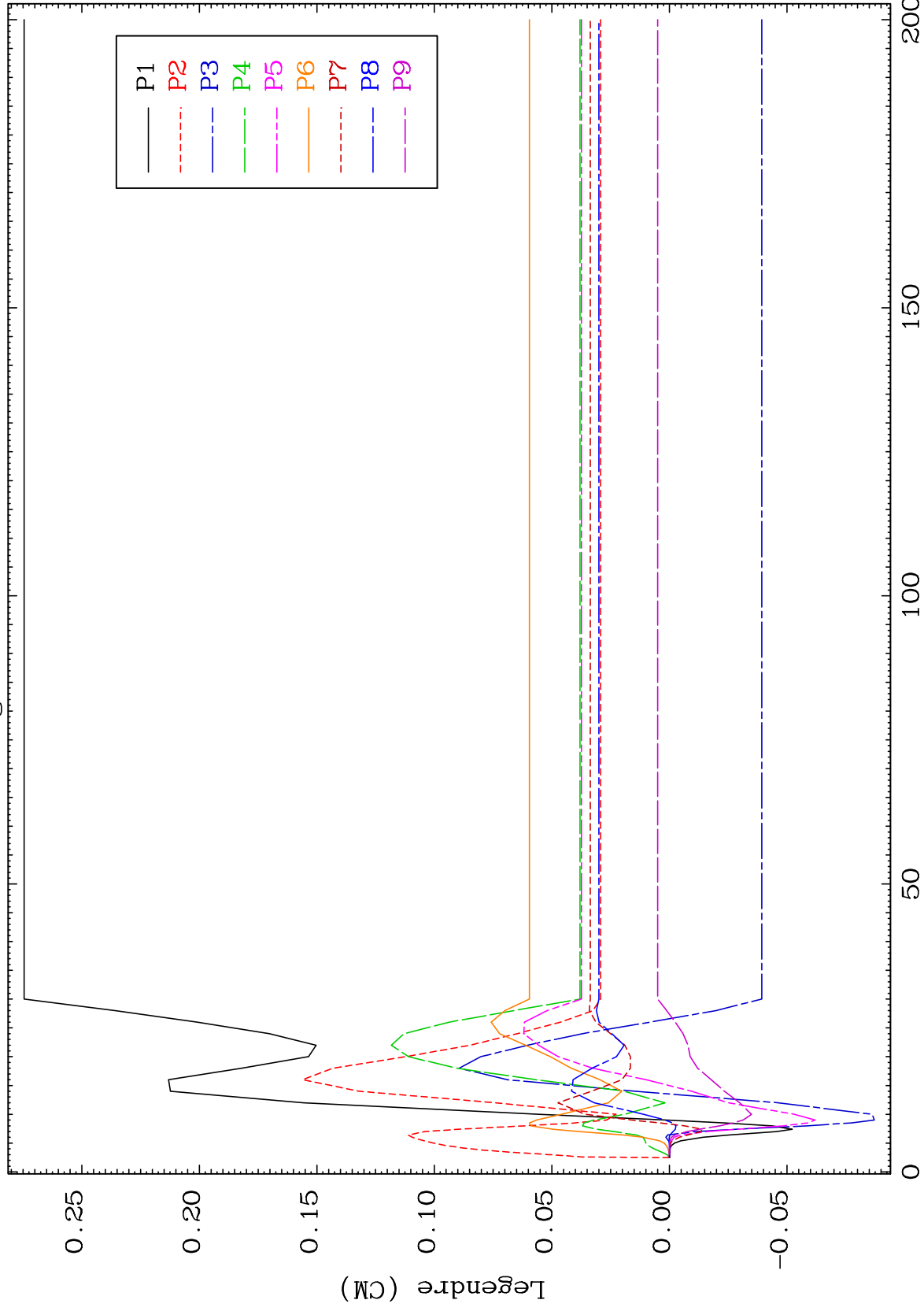
48-Cd-122



MAT 4873

2.445 MeV (n,n') Level
Legendre Coefficients

48-Cd-122



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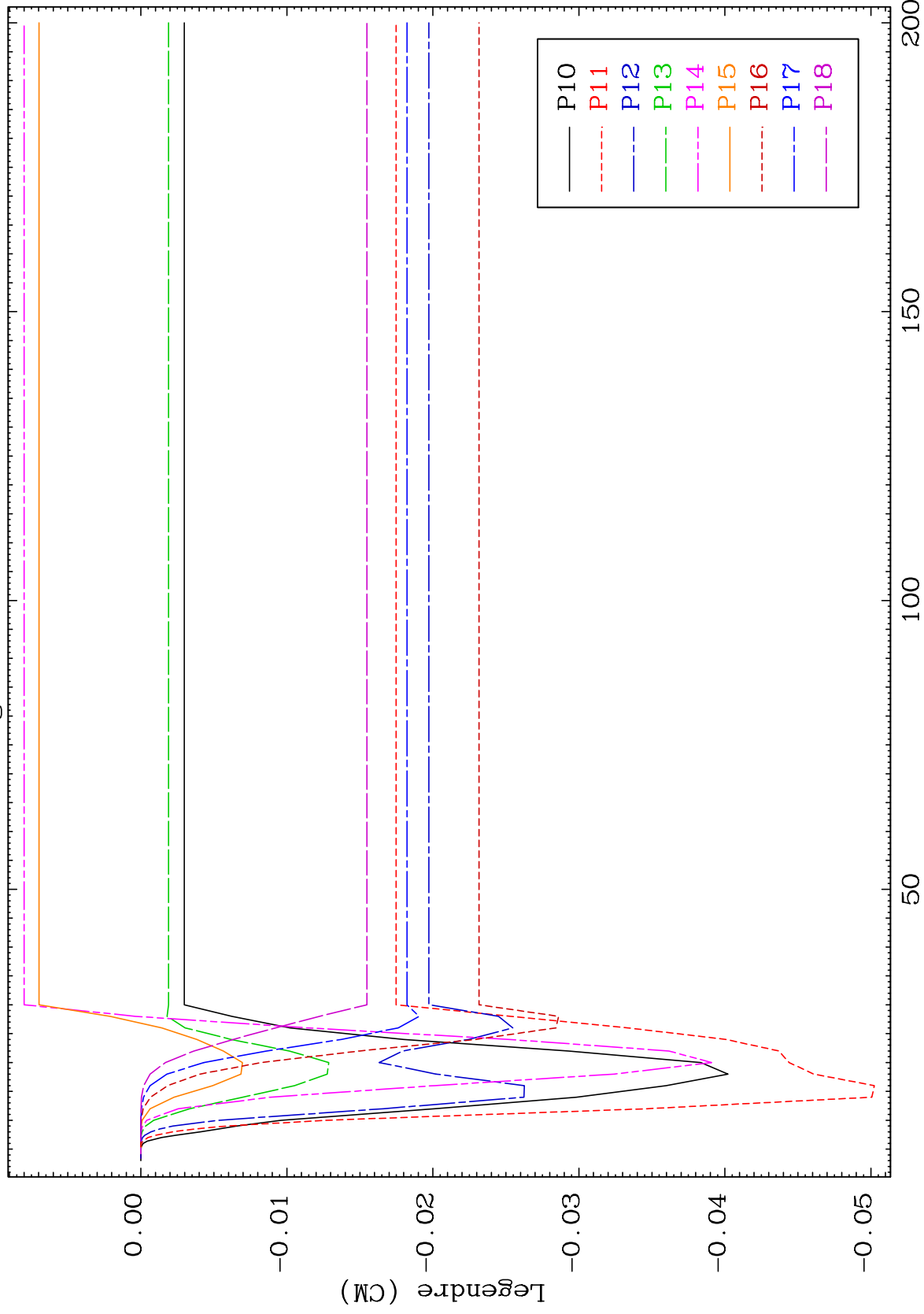
Incident Energy (MeV)

48-Cd-122

MAT 4873

2.445 MeV (n,n') Level
Legendre Coefficients

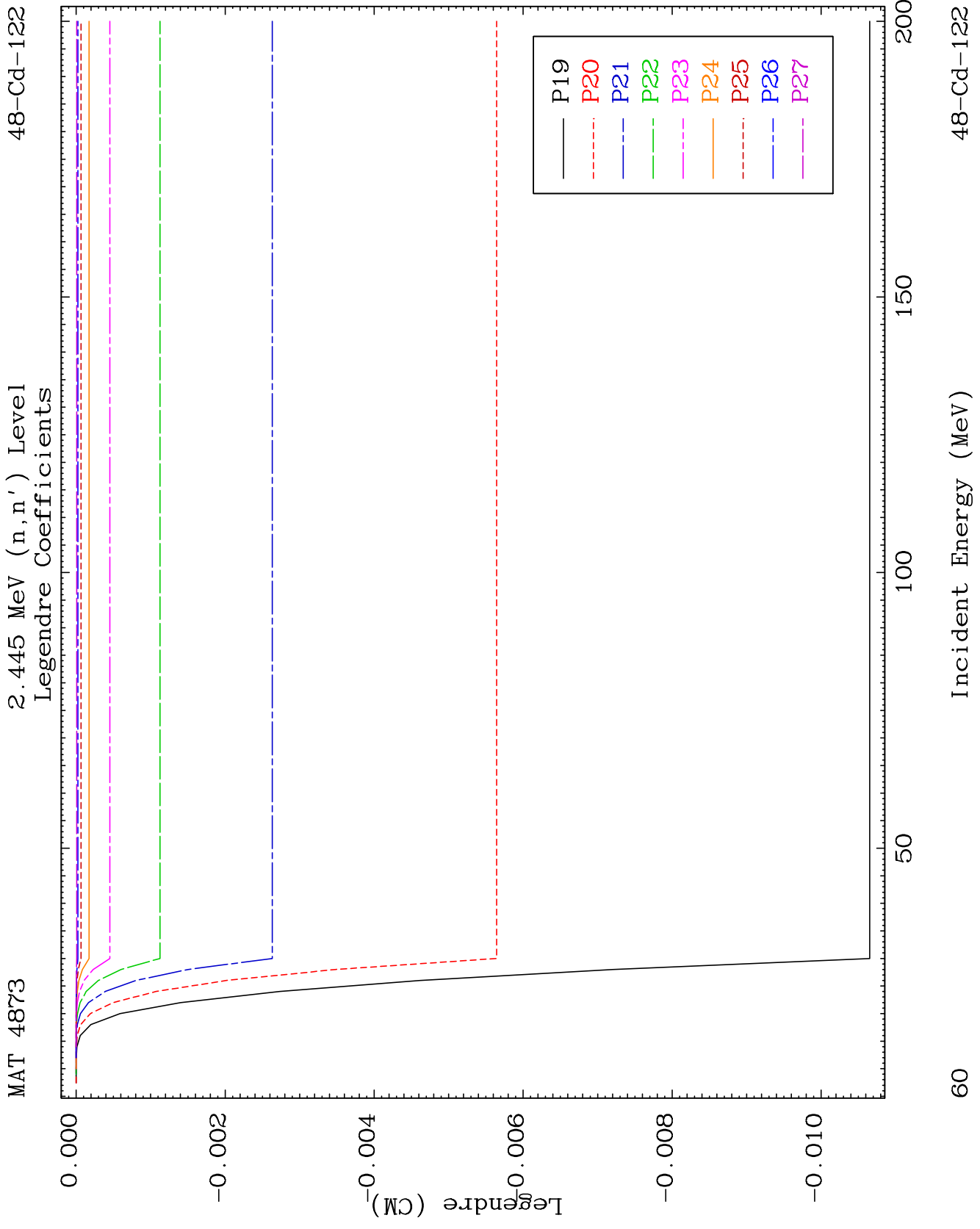
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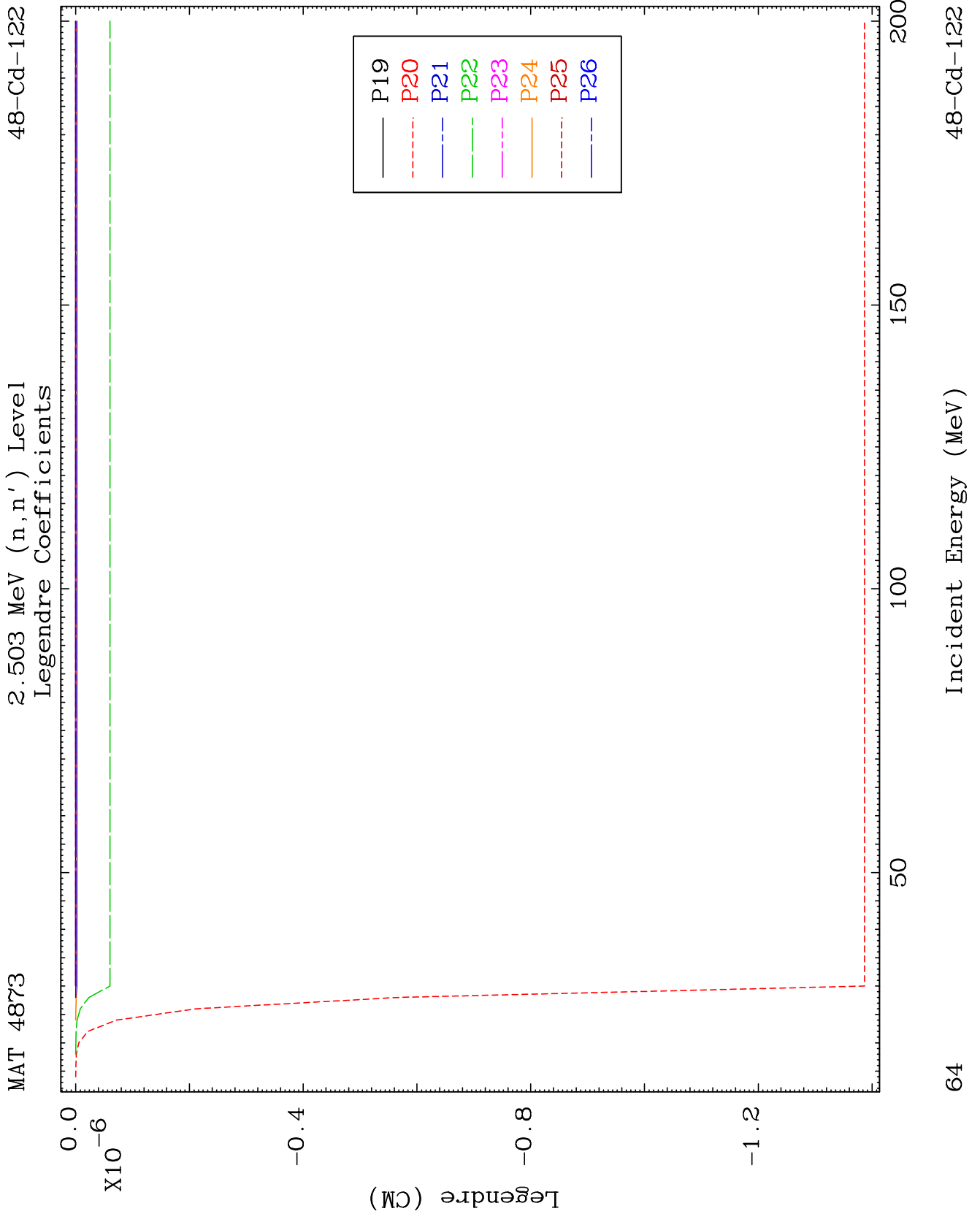


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Incident Energy (MeV)

48-Cd-122

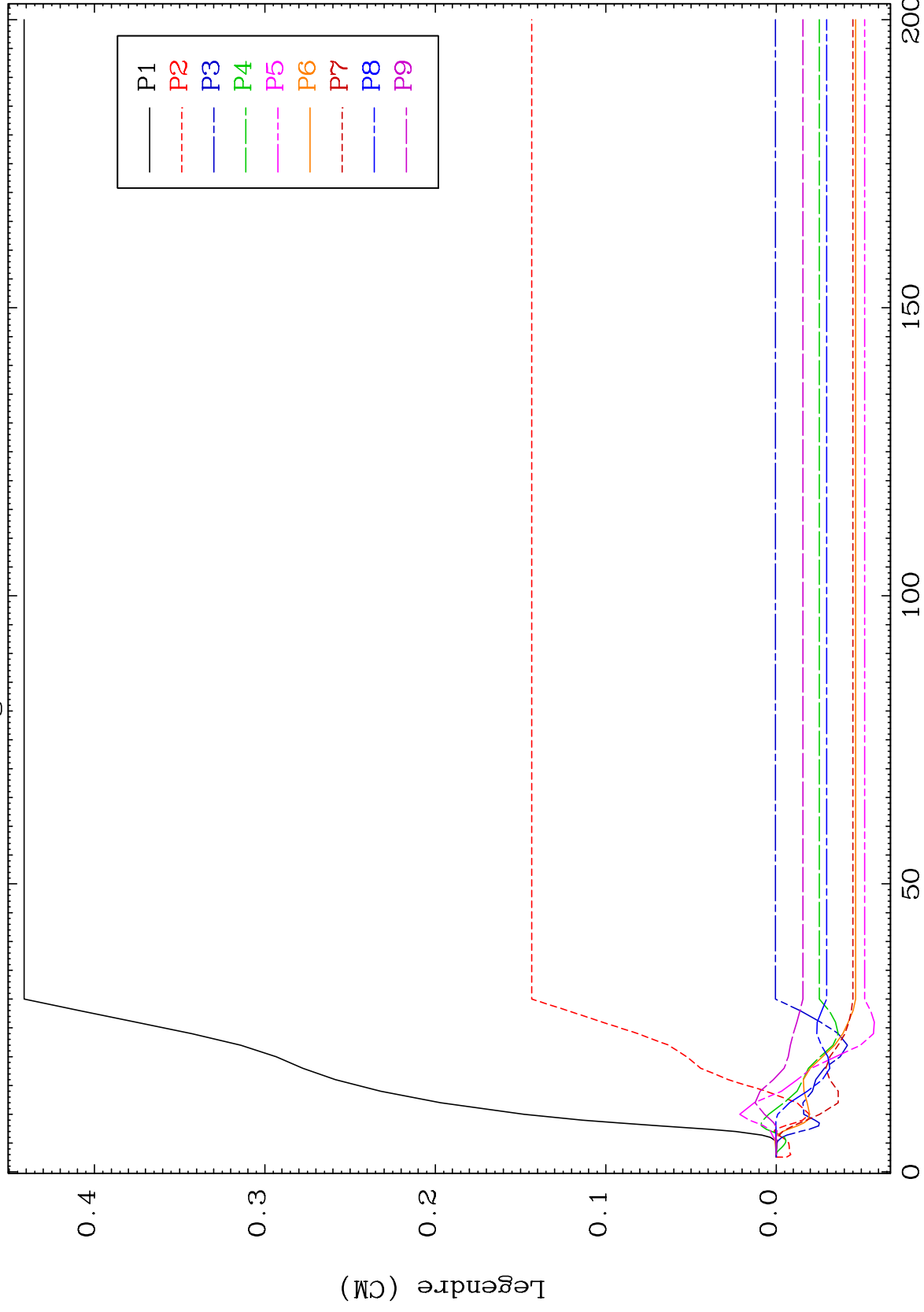




MAT 4873

2.536 MeV (n,n') Level
Legendre Coefficients

48-Cd-122



65

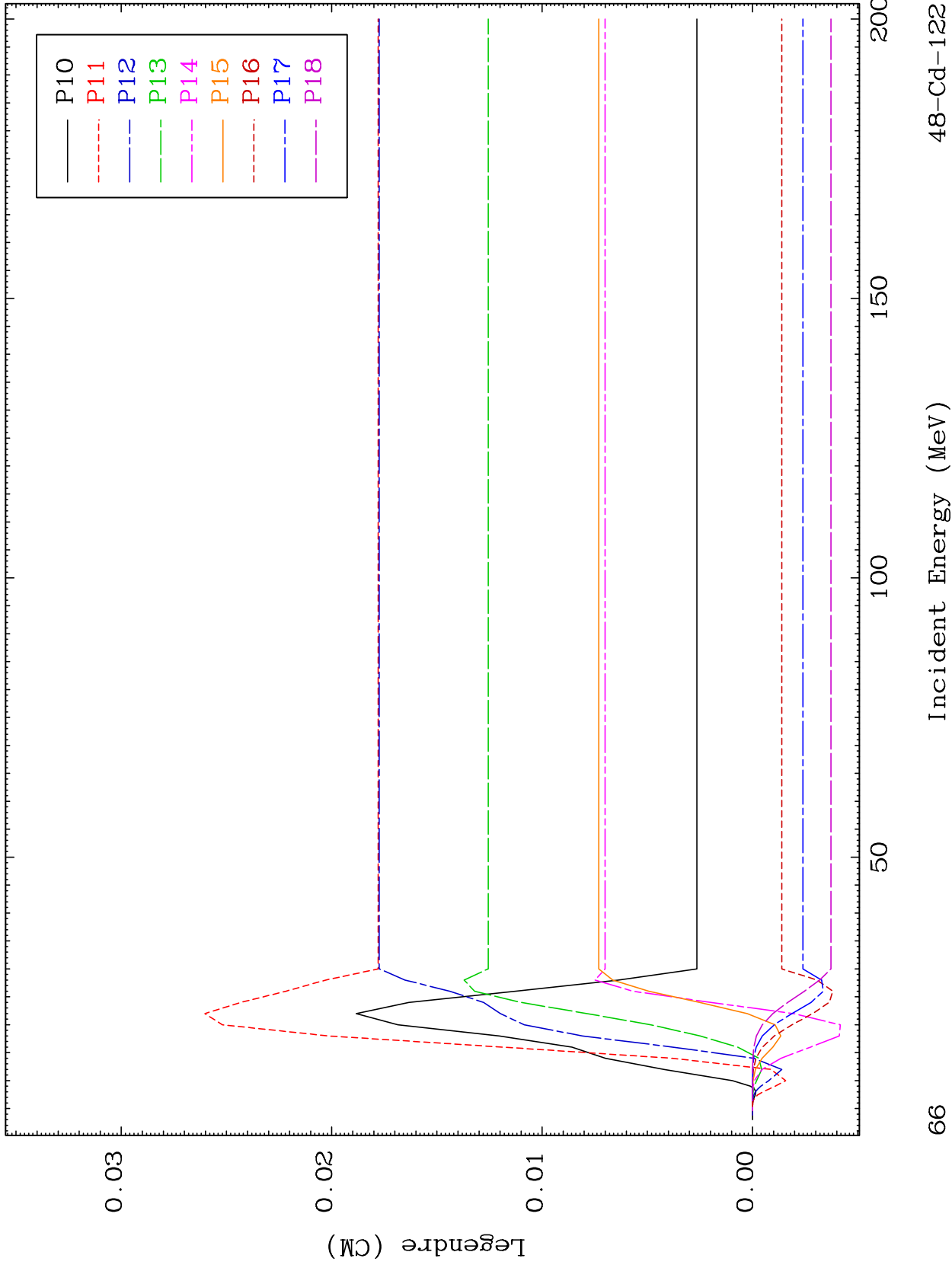
Incident Energy (MeV)

48-Cd-122

MAT 4873

2.536 MeV (n, n') Level
Legendre Coefficients

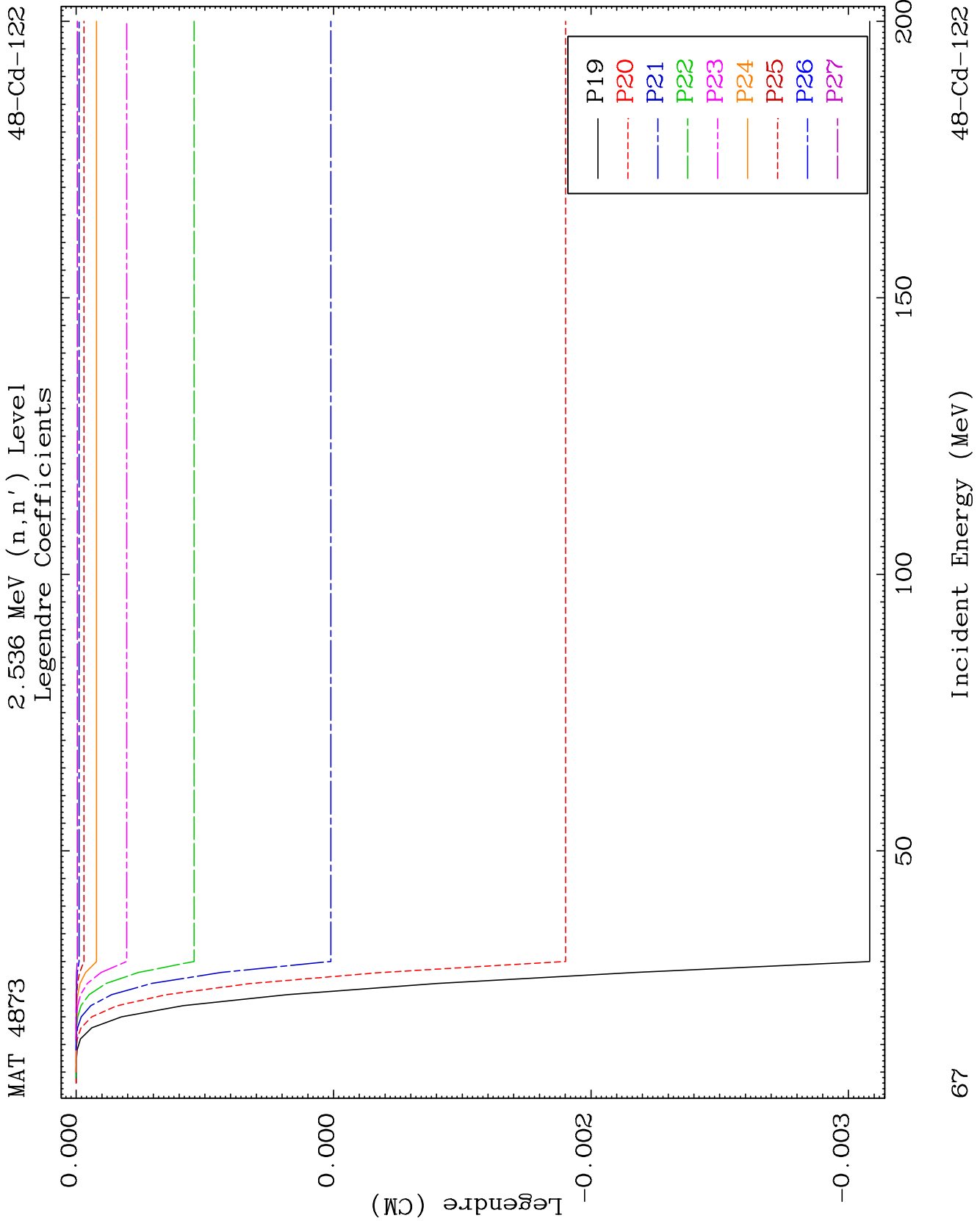
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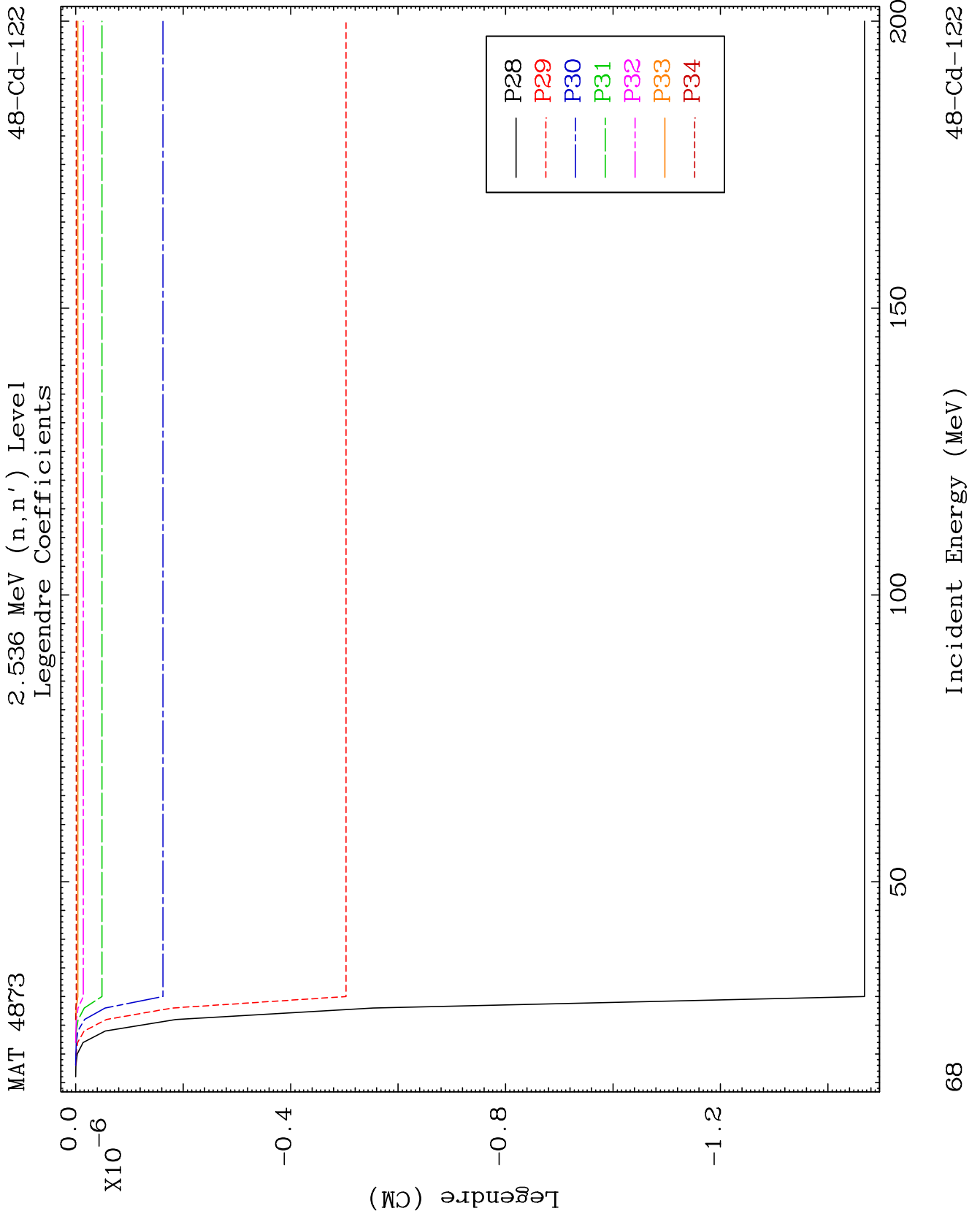


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Incident Energy (MeV)

48-Cd-122

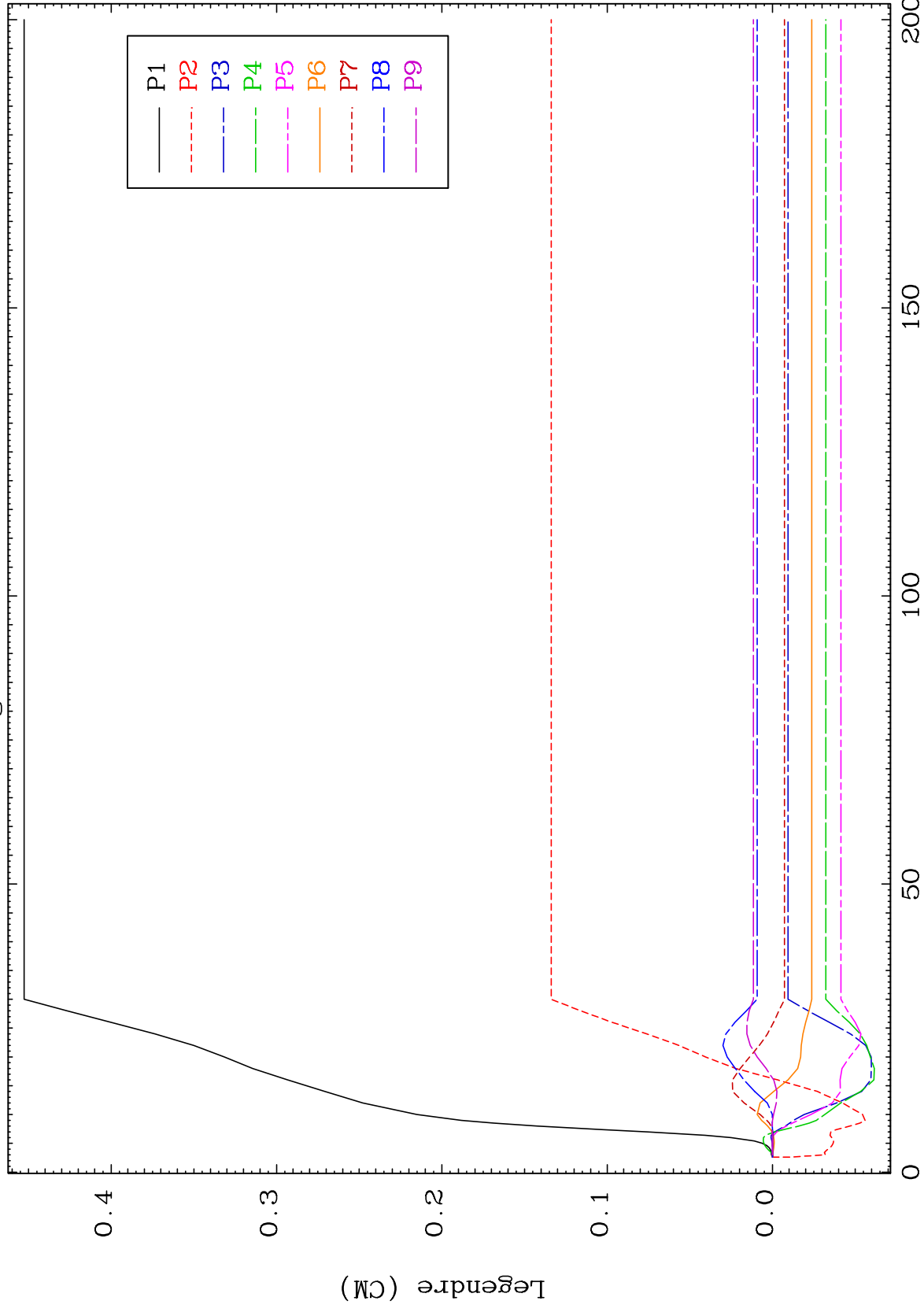




MAT 4873

2.577 MeV (n,n') Level
Legendre Coefficients

48-Cd-122



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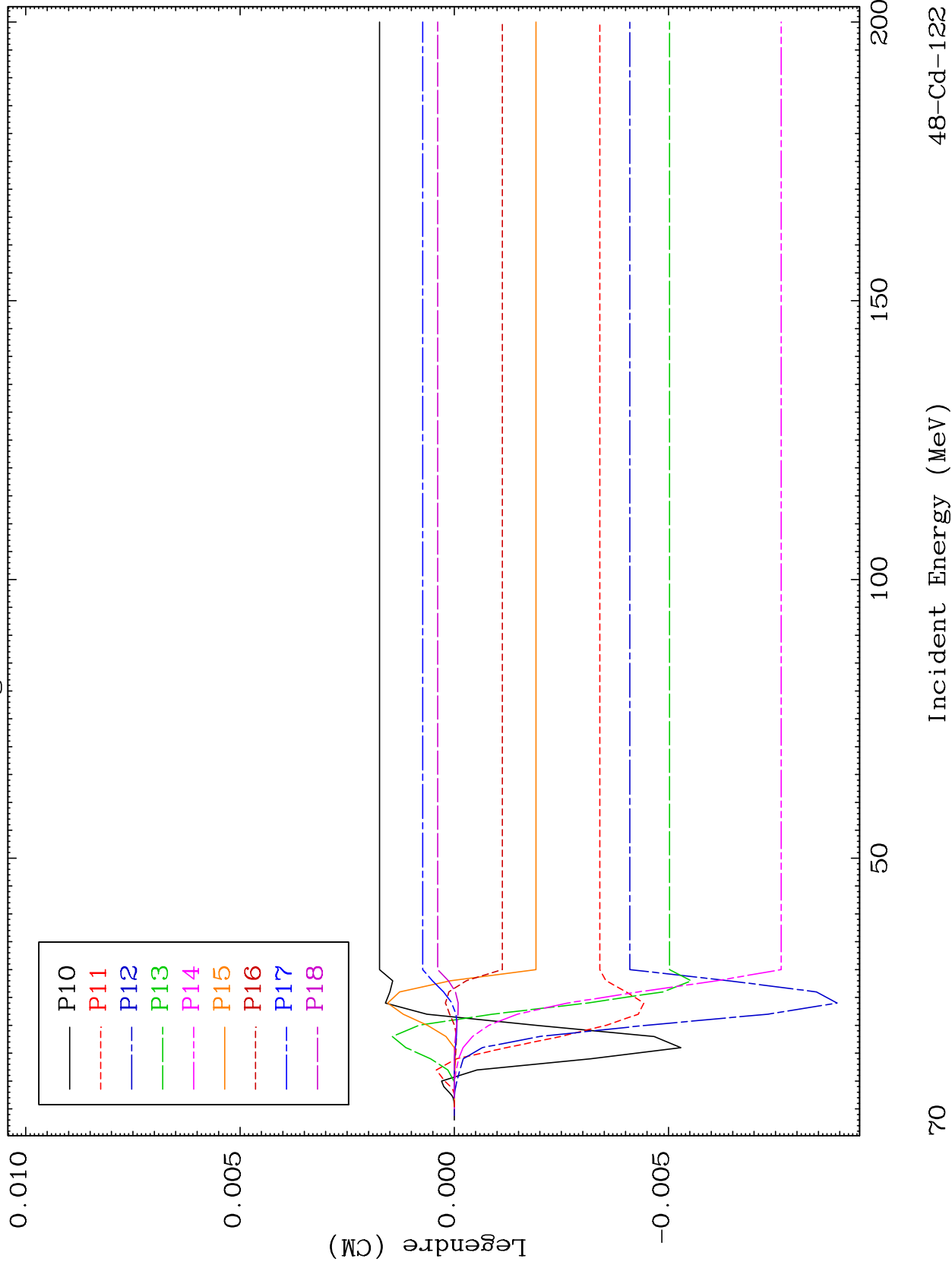
Incident Energy (MeV)

48-Cd-122

MAT 4873

2.577 MeV (n,n') Level
Legendre Coefficients

48-Cd-122



70

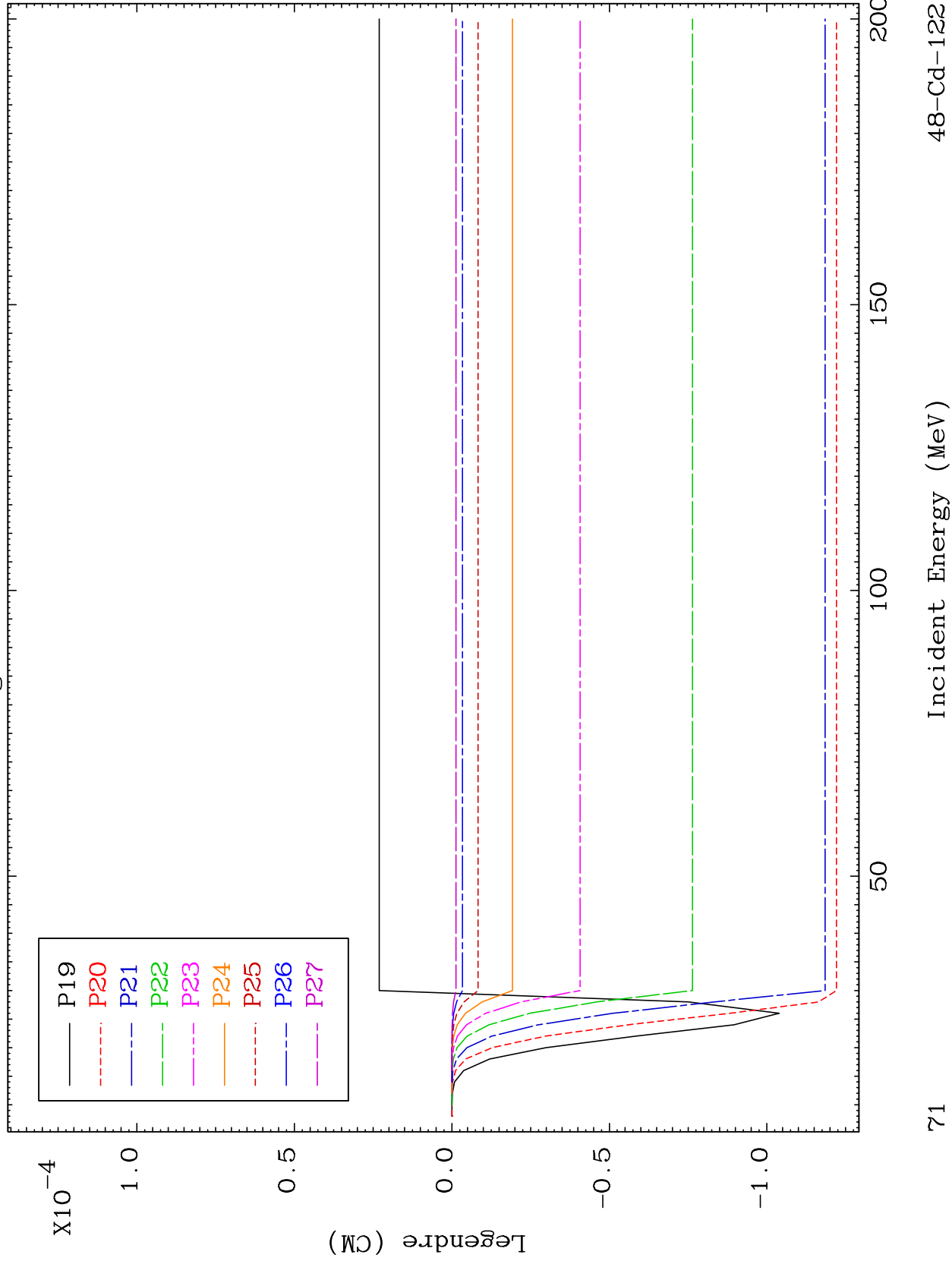
Incident Energy (MeV)

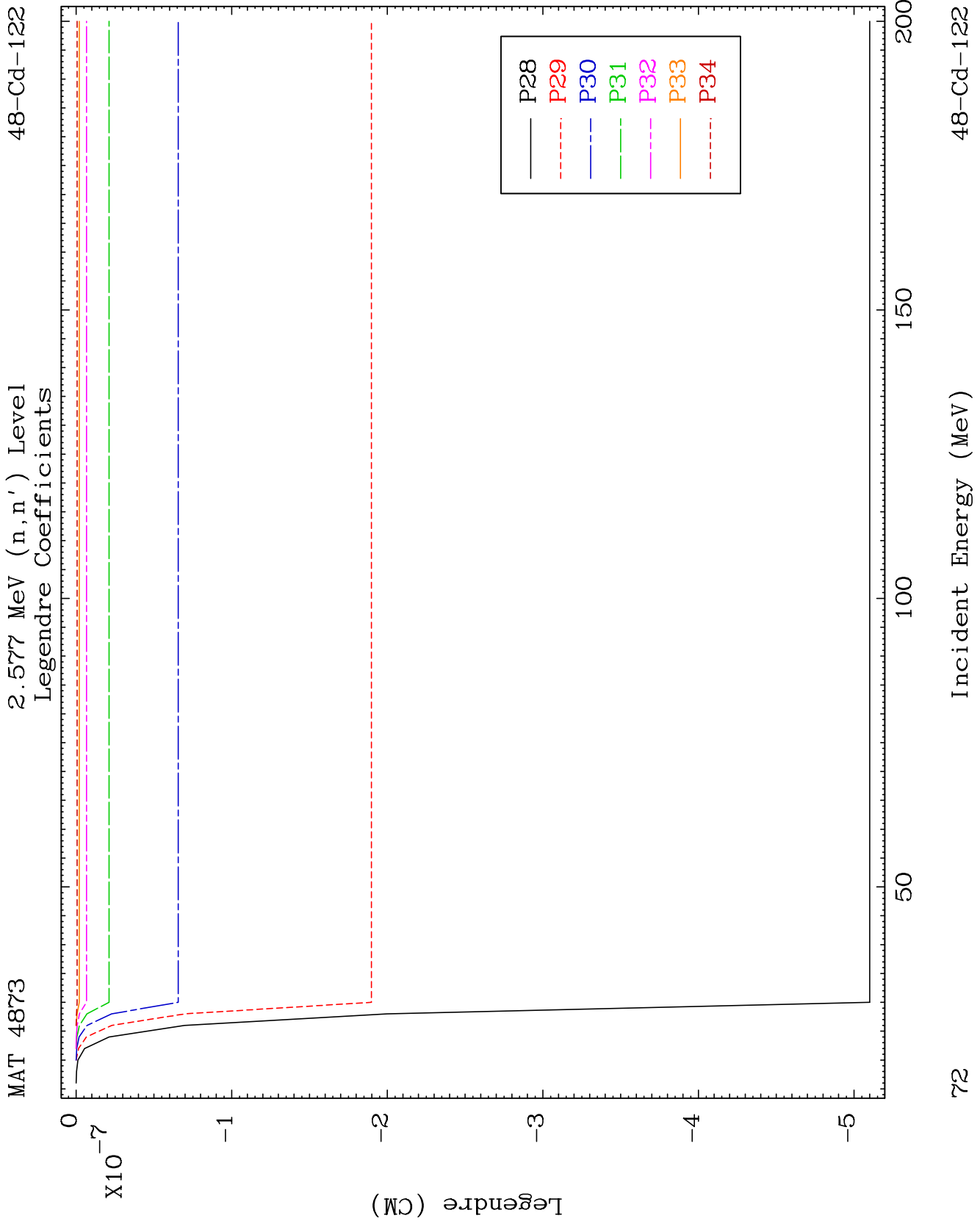
48-Cd-122

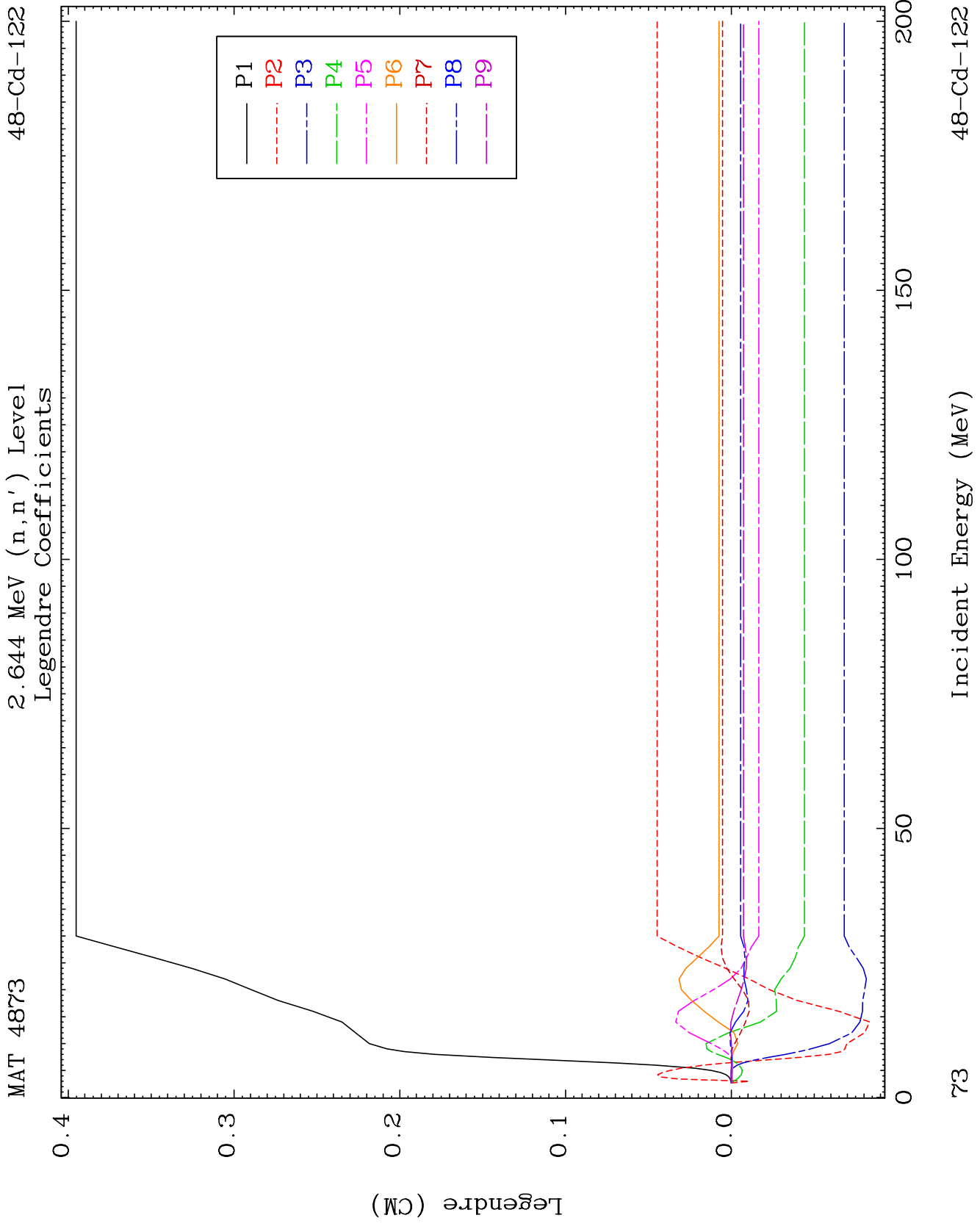
MAT 4873

2.577 MeV (n, n') Level
Legendre Coefficients

48-Cd-122



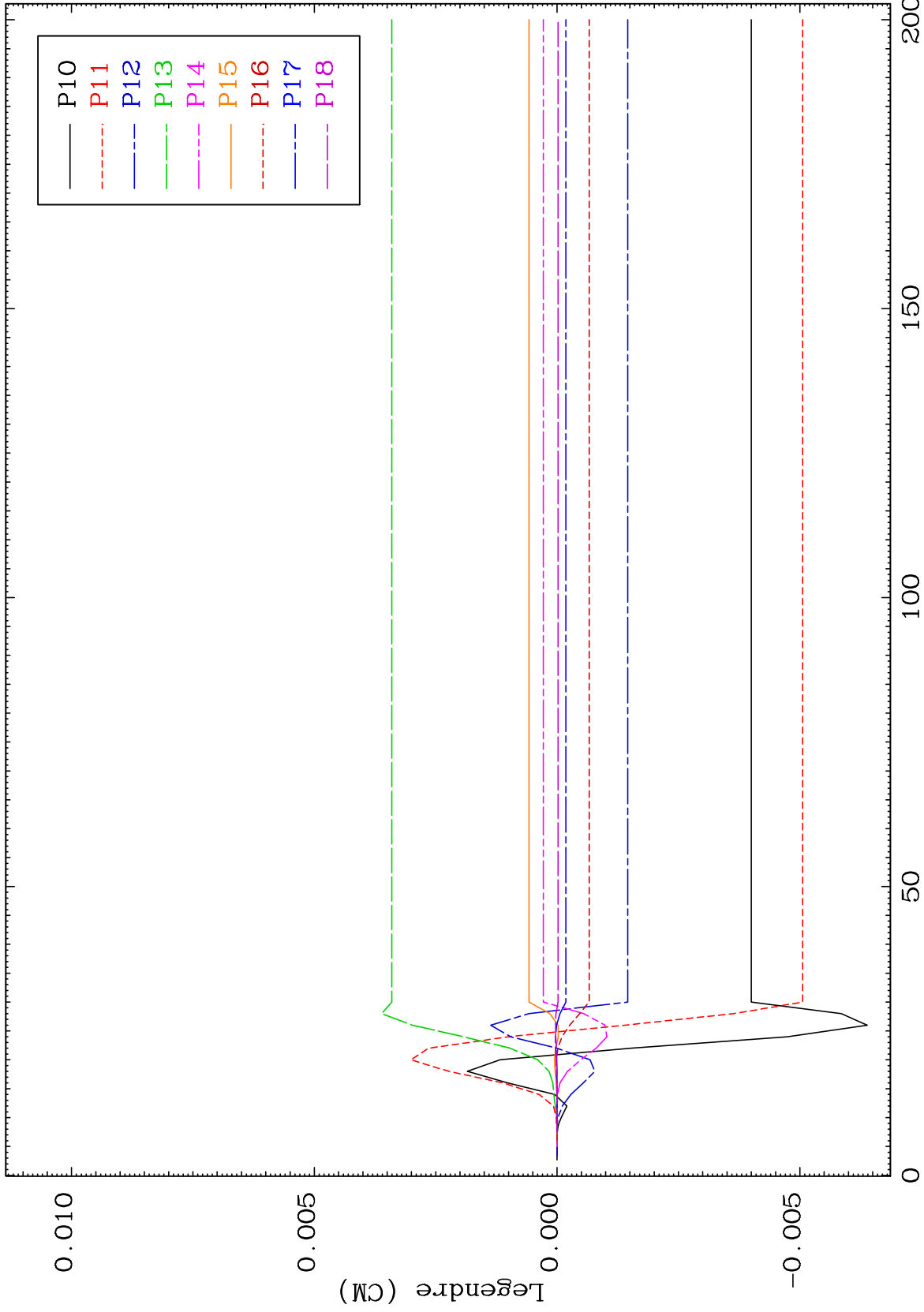




MAT 4873

2.644 MeV (n,n') Level
Legendre Coefficients

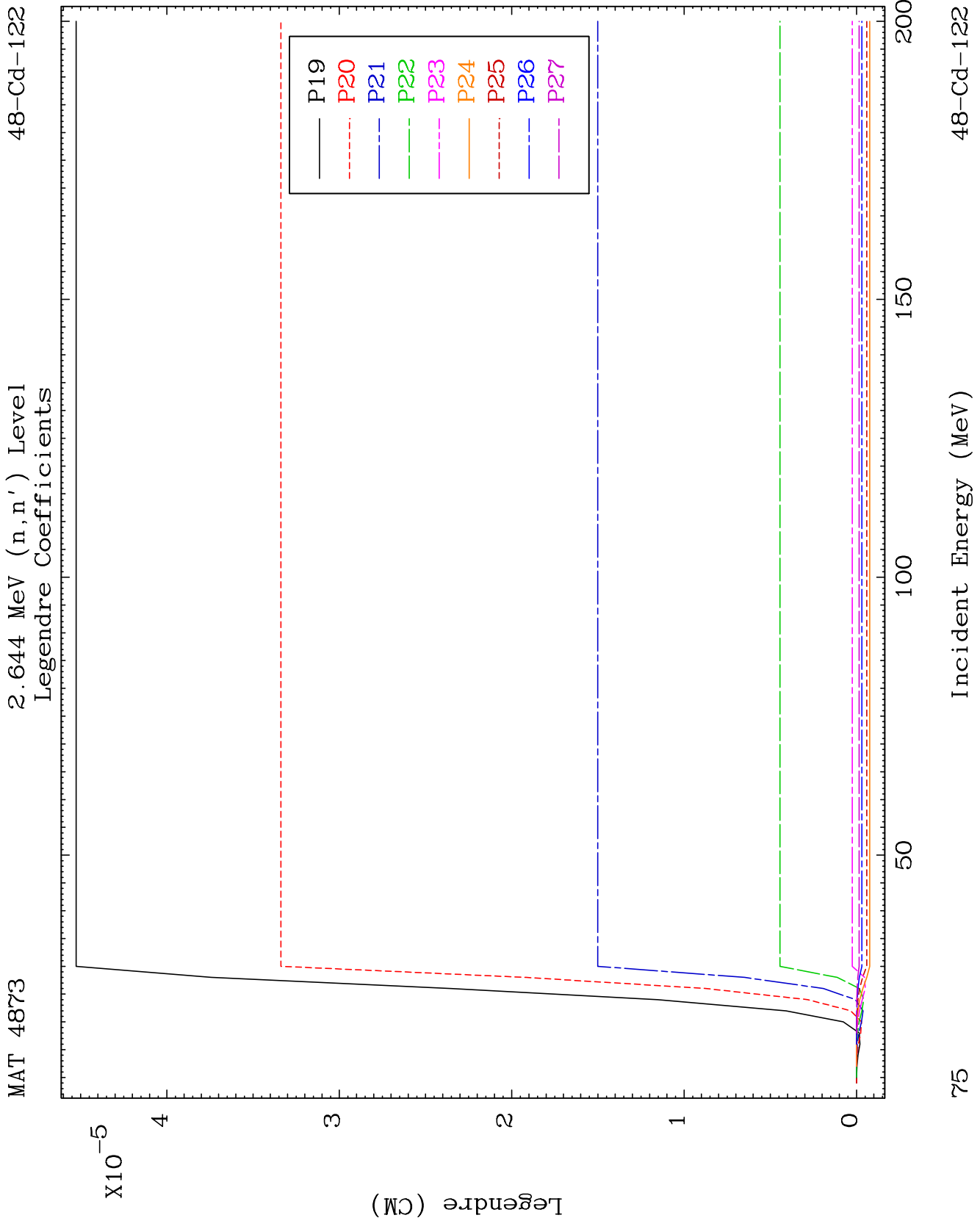
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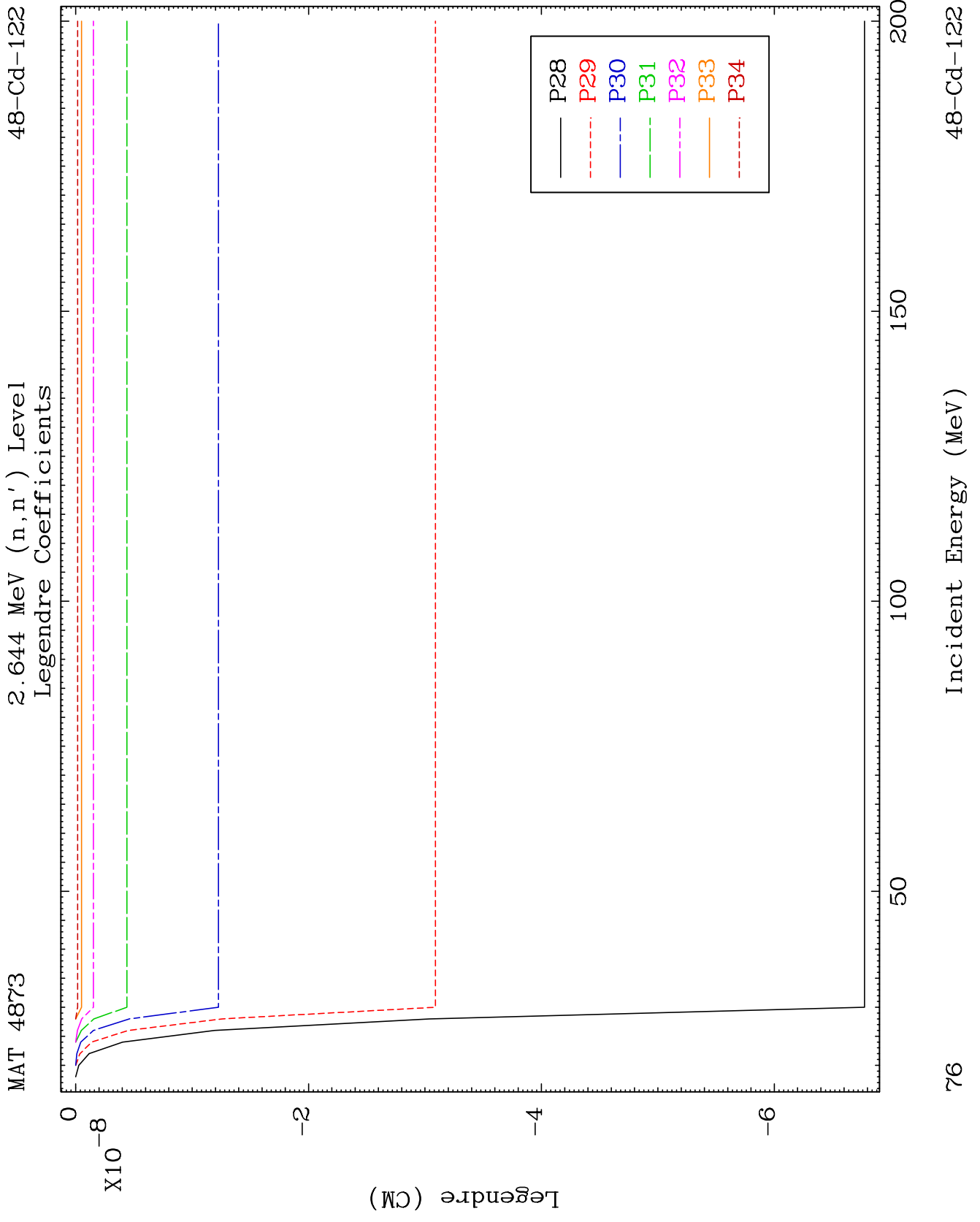


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Incident Energy (MeV)

48-Cd-122

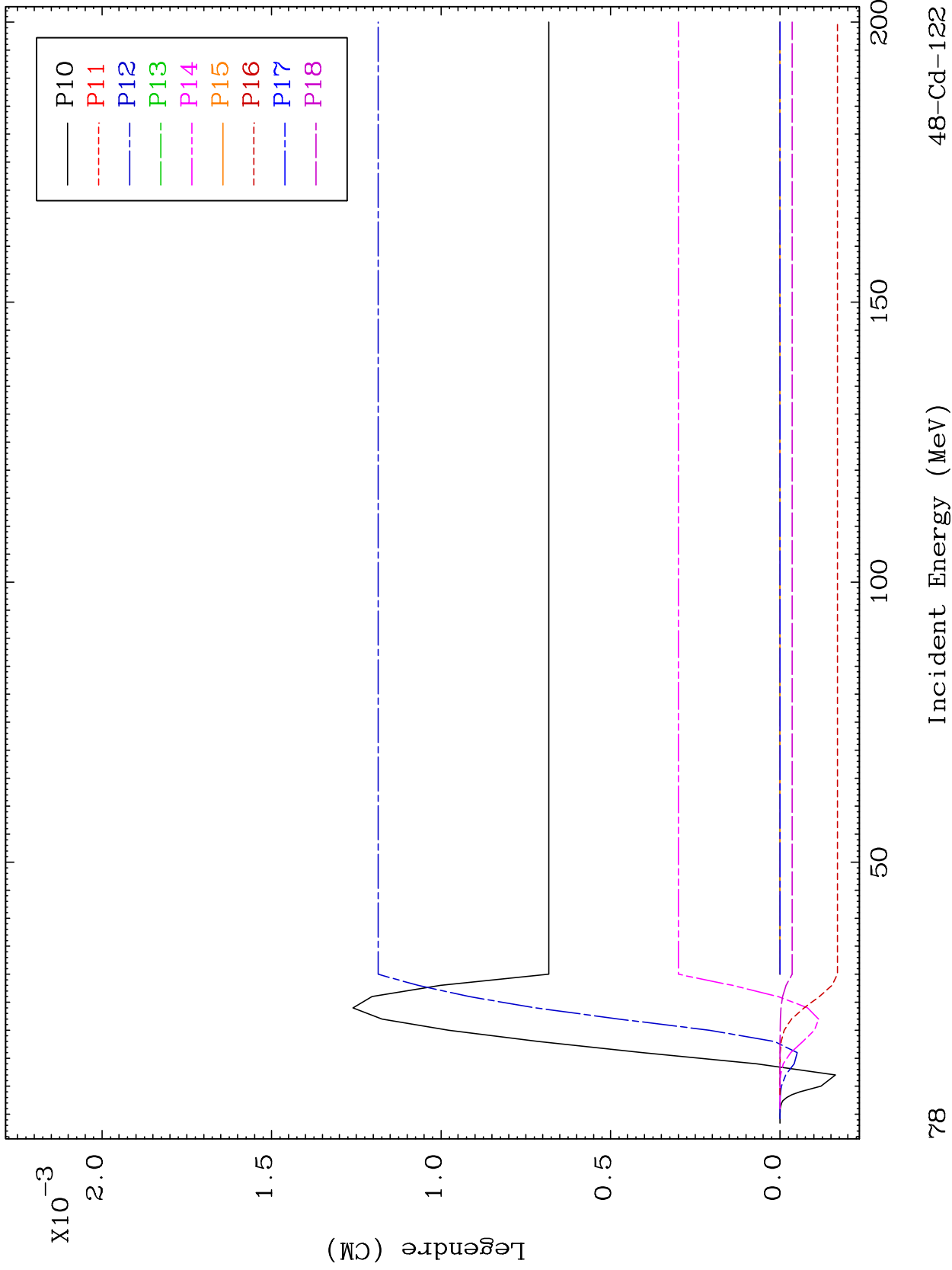




MAT 4873

2.668 MeV (n,n') Level
Legendre Coefficients

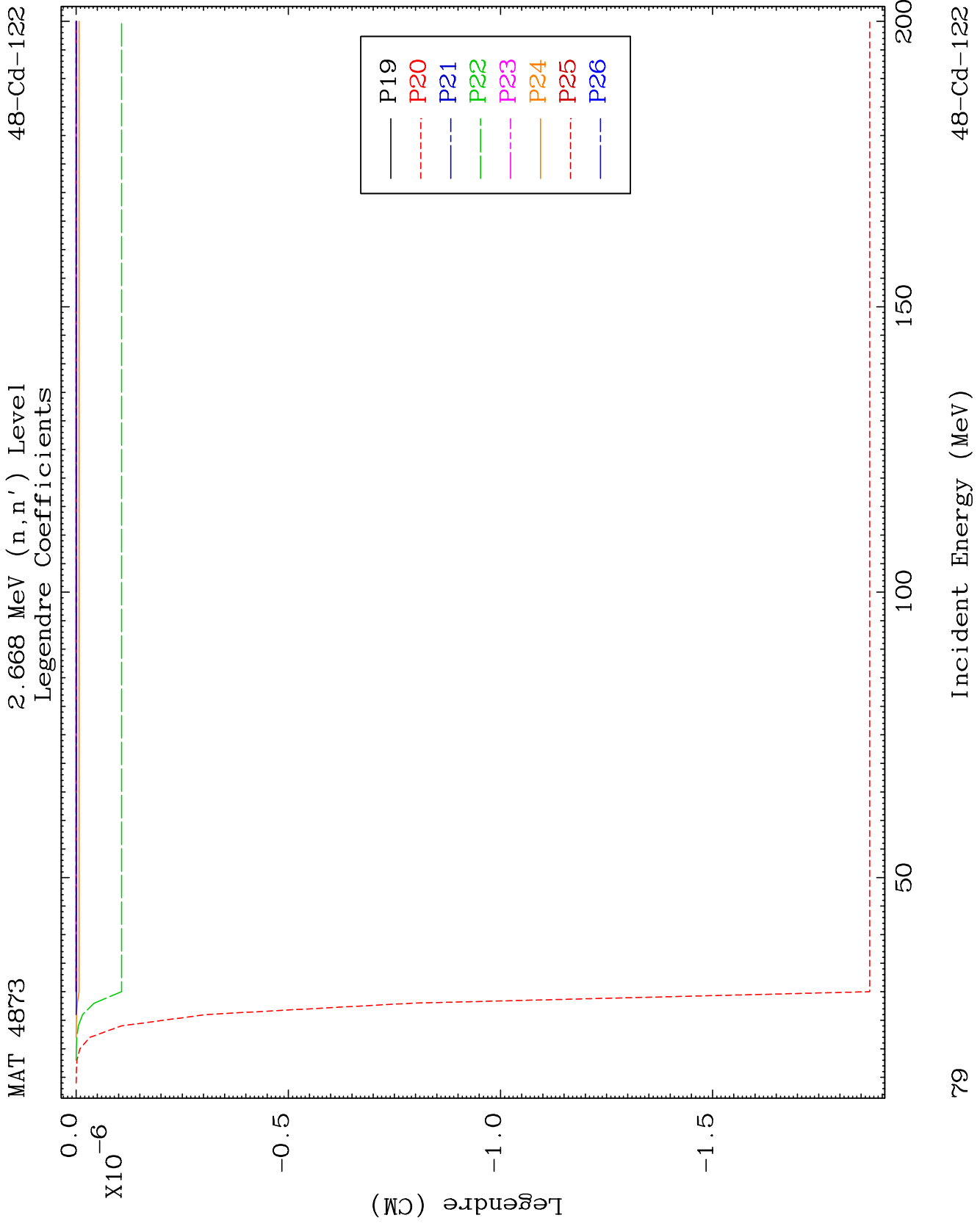
48-Cd-122

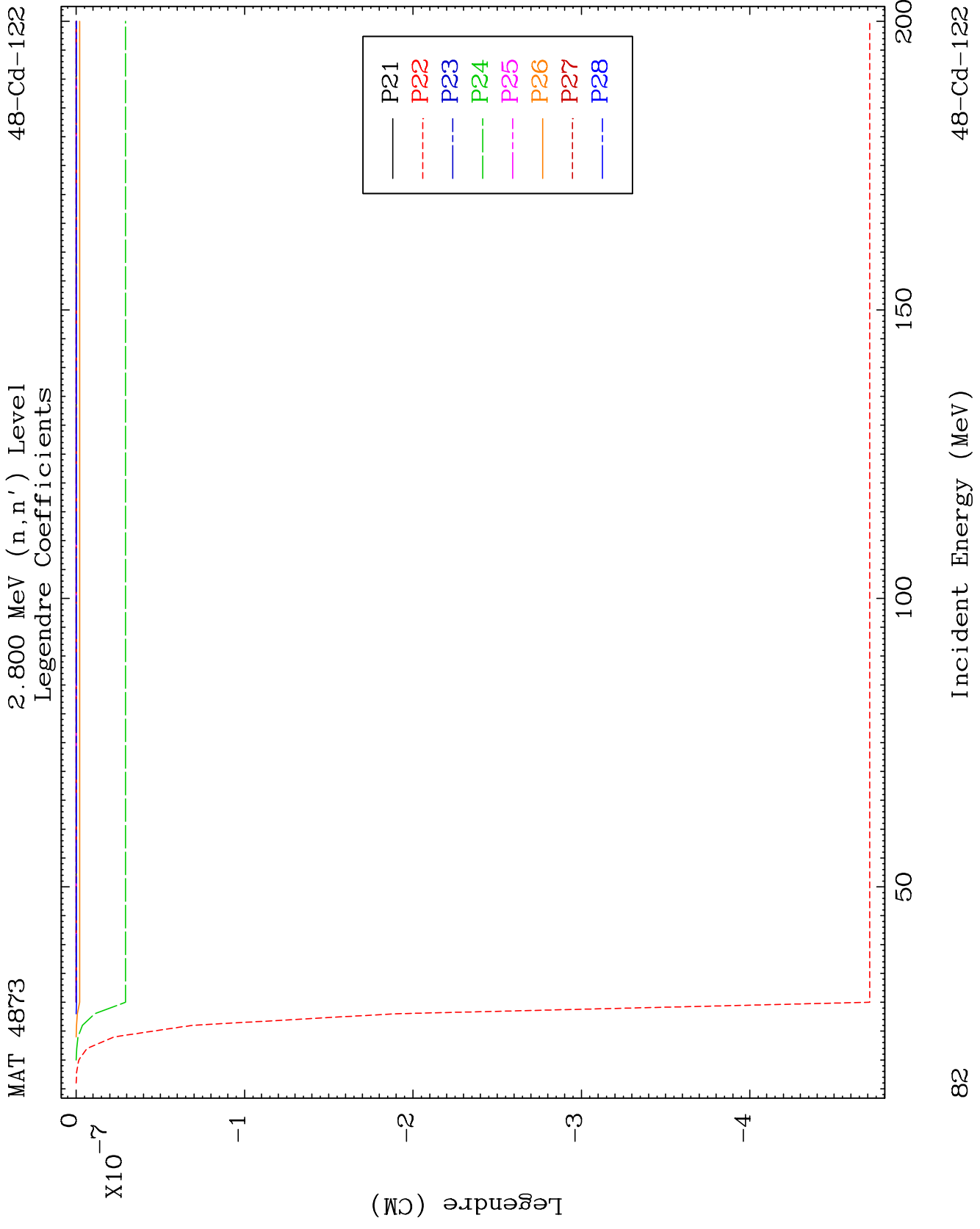


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Incident Energy (MeV)

48-Cd-122

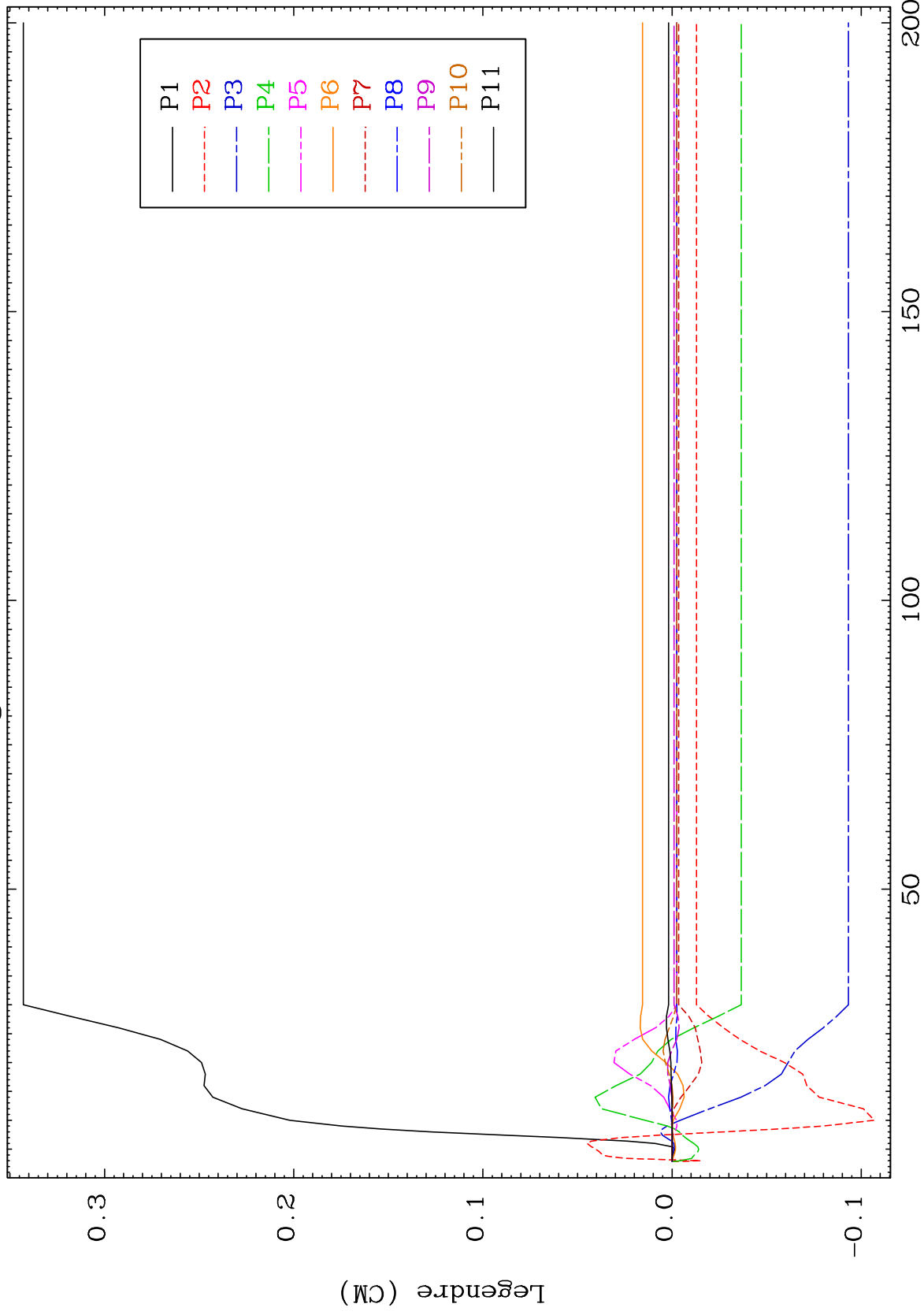




MAT 4873

2.823 MeV (n,n') Level
Legendre Coefficients

48-Cd-122



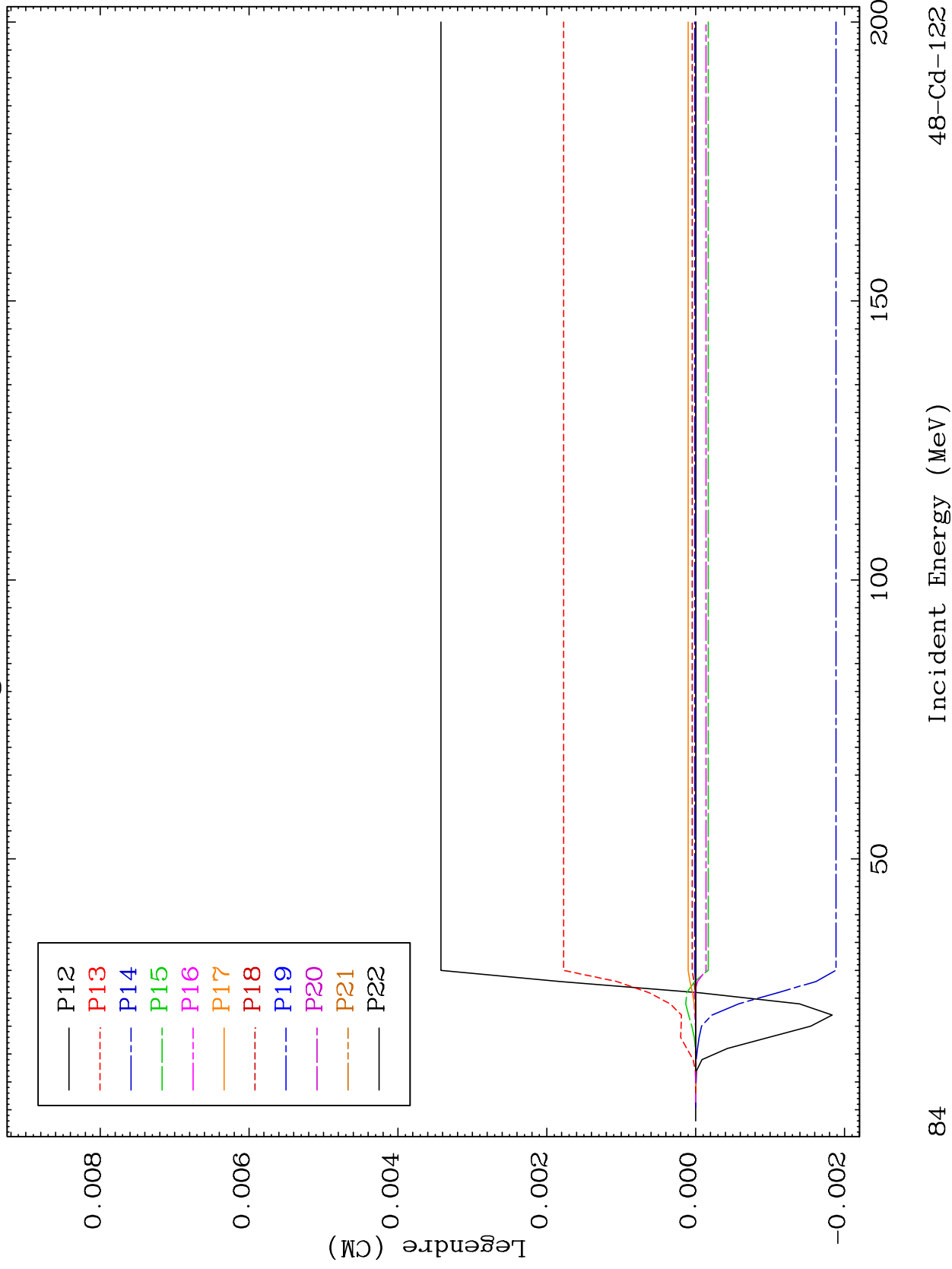
83

48-Cd-122

MAT 4873

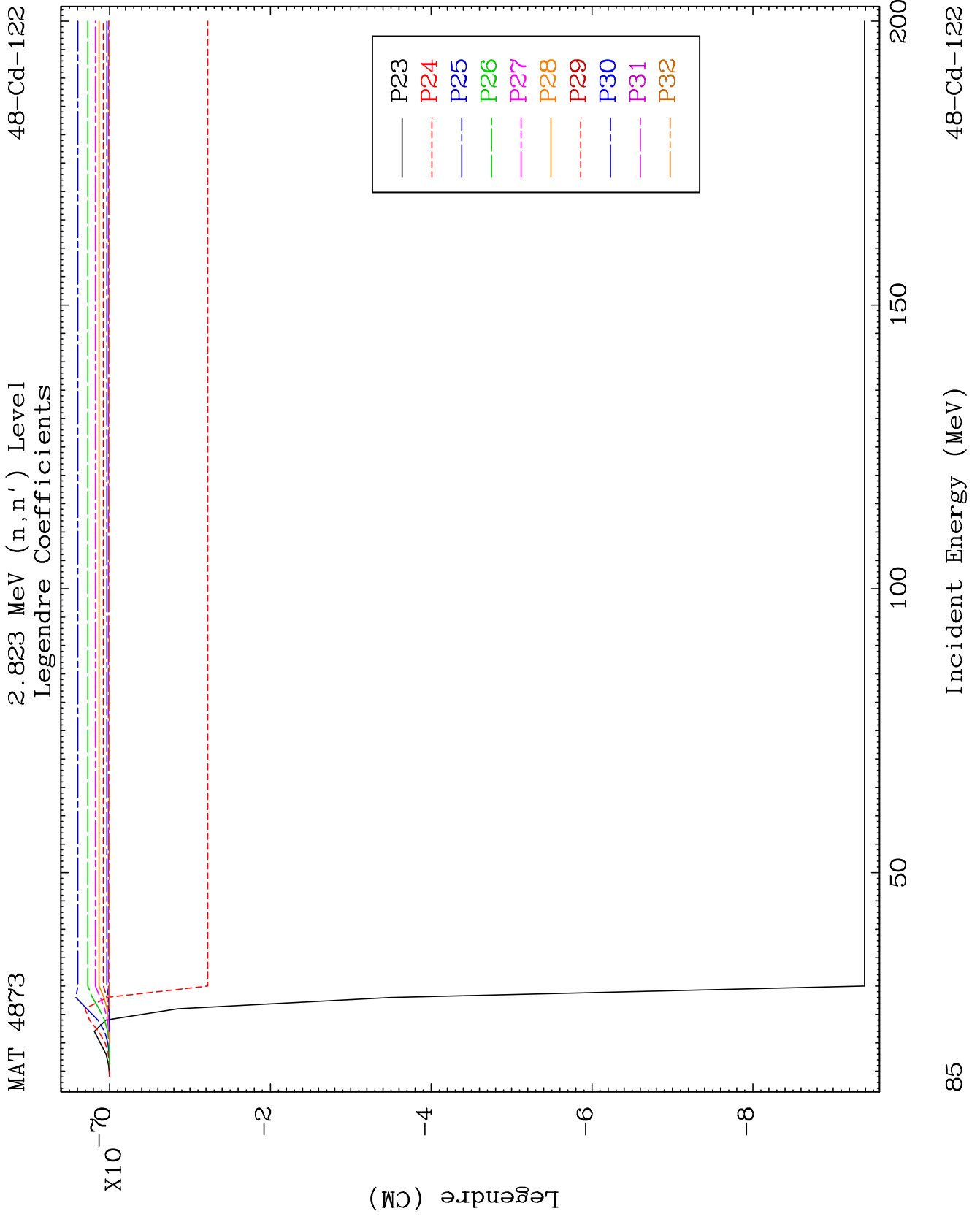
2.823 MeV (n,n') Level
Legendre Coefficients

48-Cd-122



84

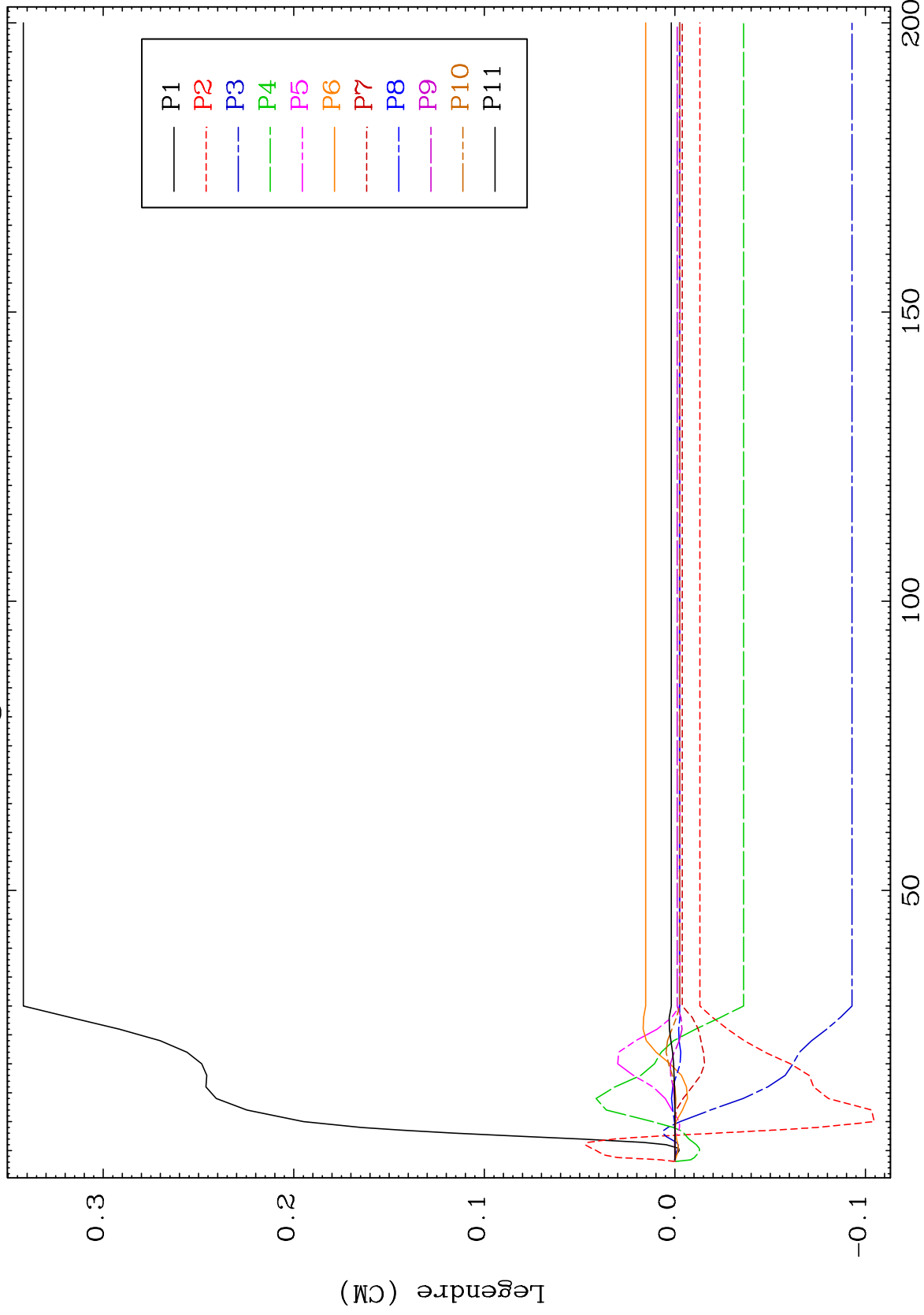
48-Cd-122



MAT 4873

3.062 MeV (n,n') Level
Legendre Coefficients

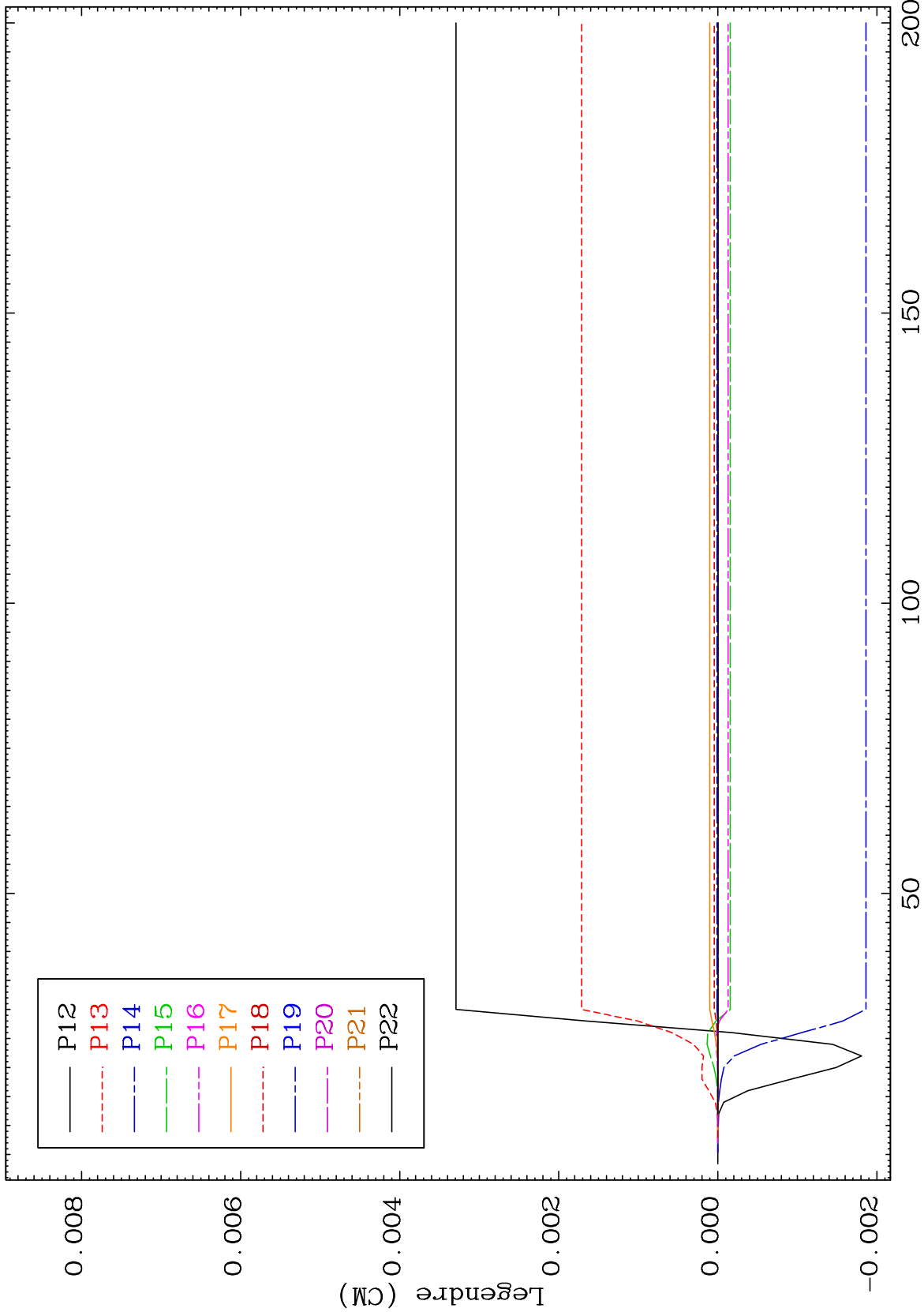
48-Cd-122

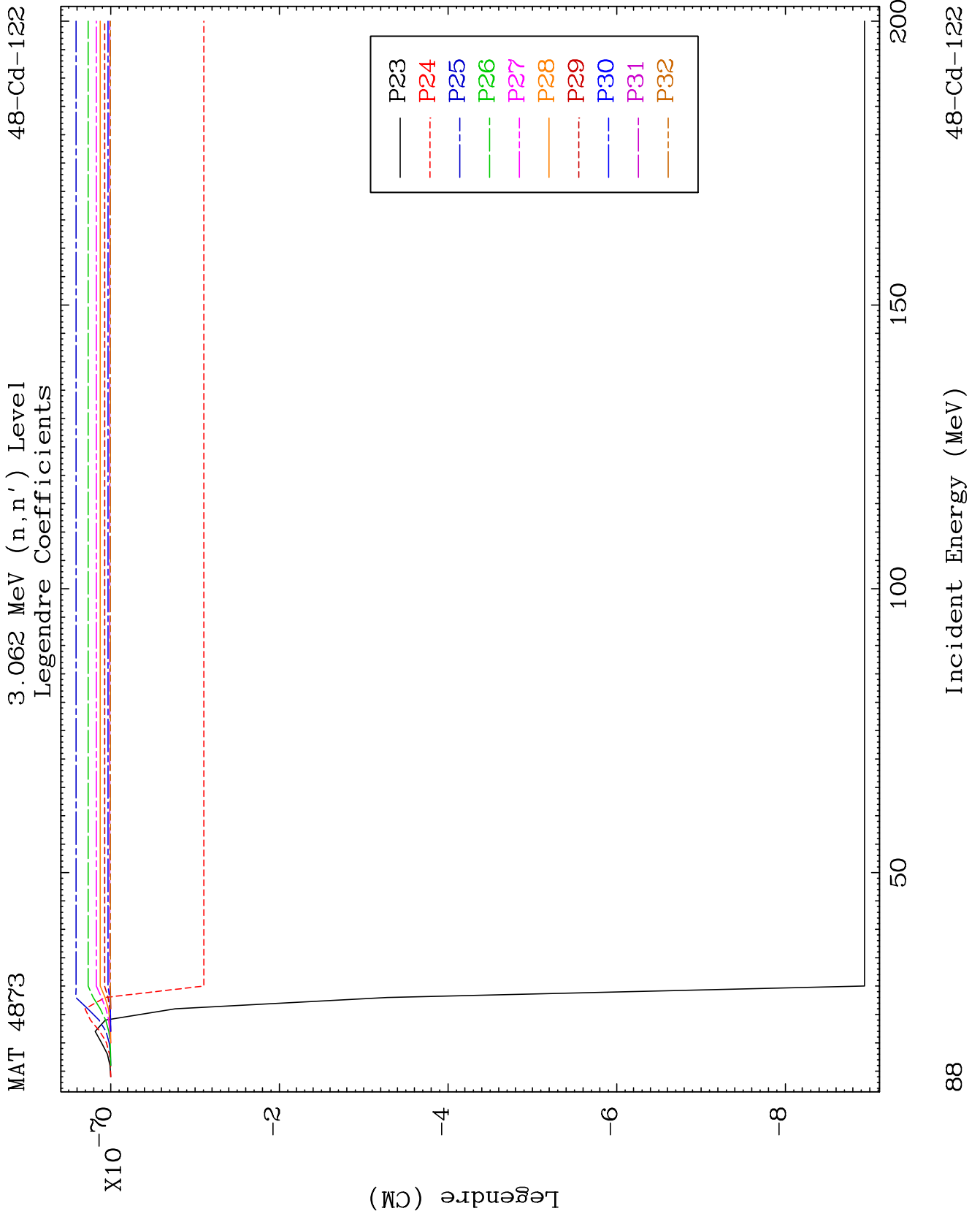


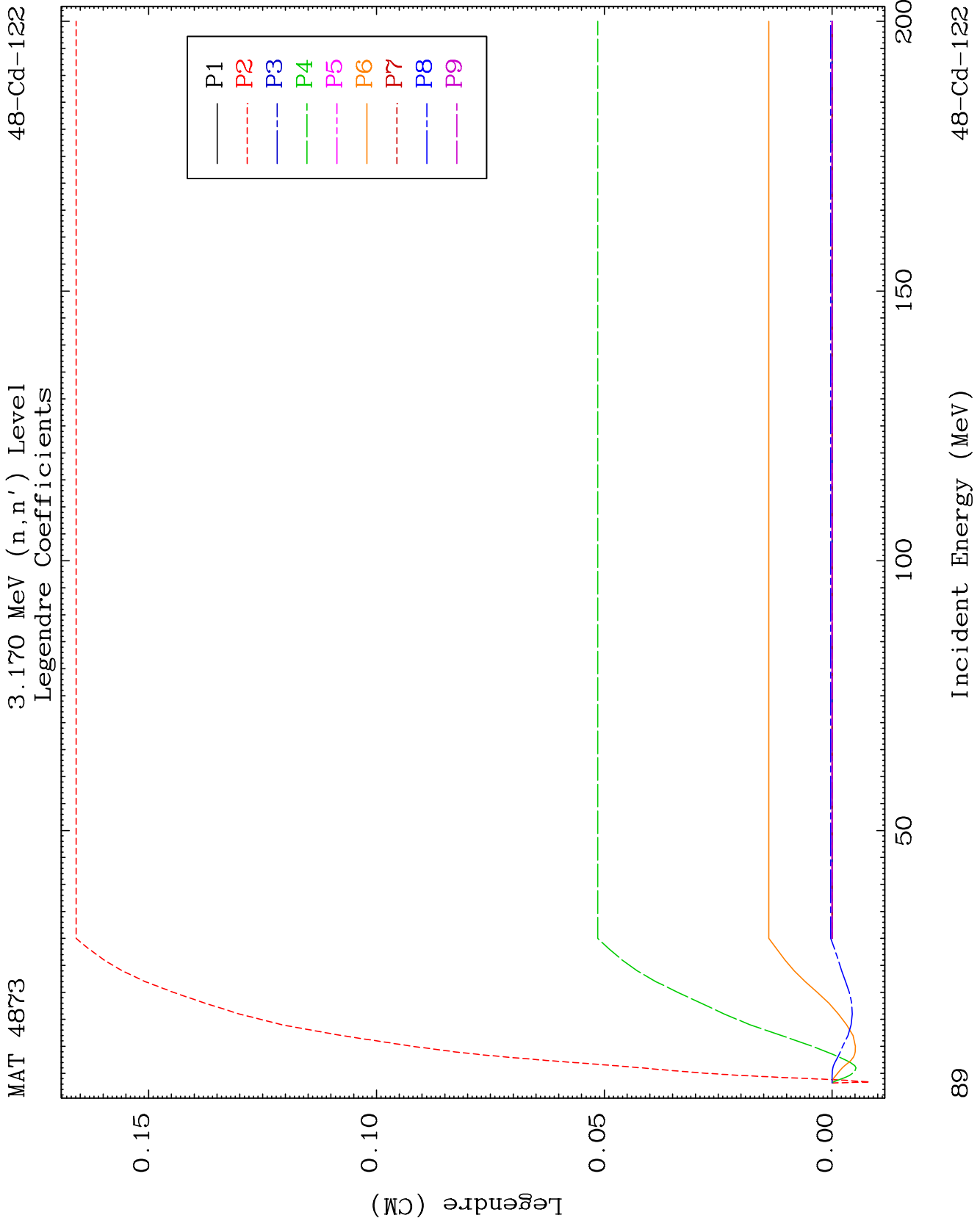
86

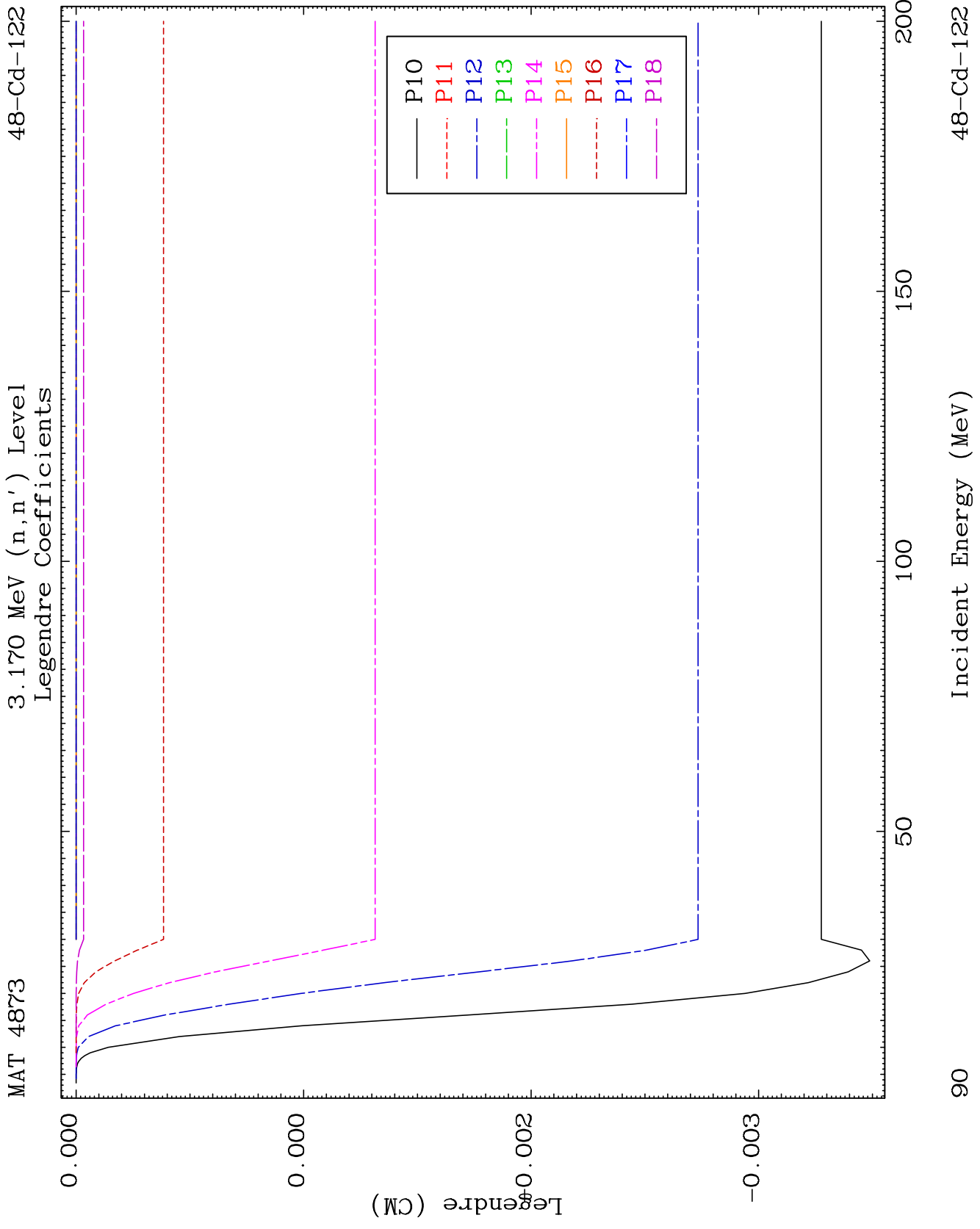
Incident Energy (MeV)

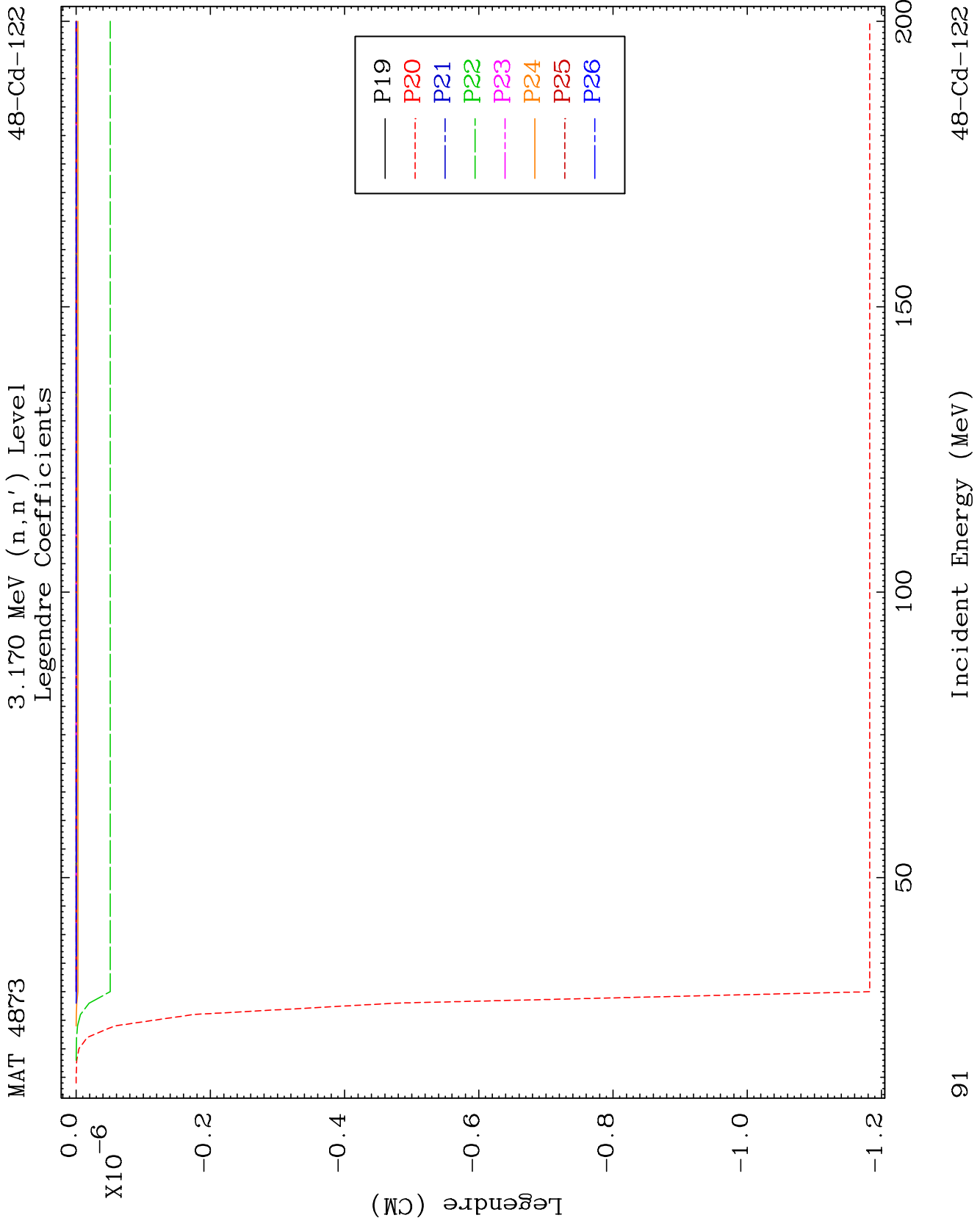
48-Cd-122







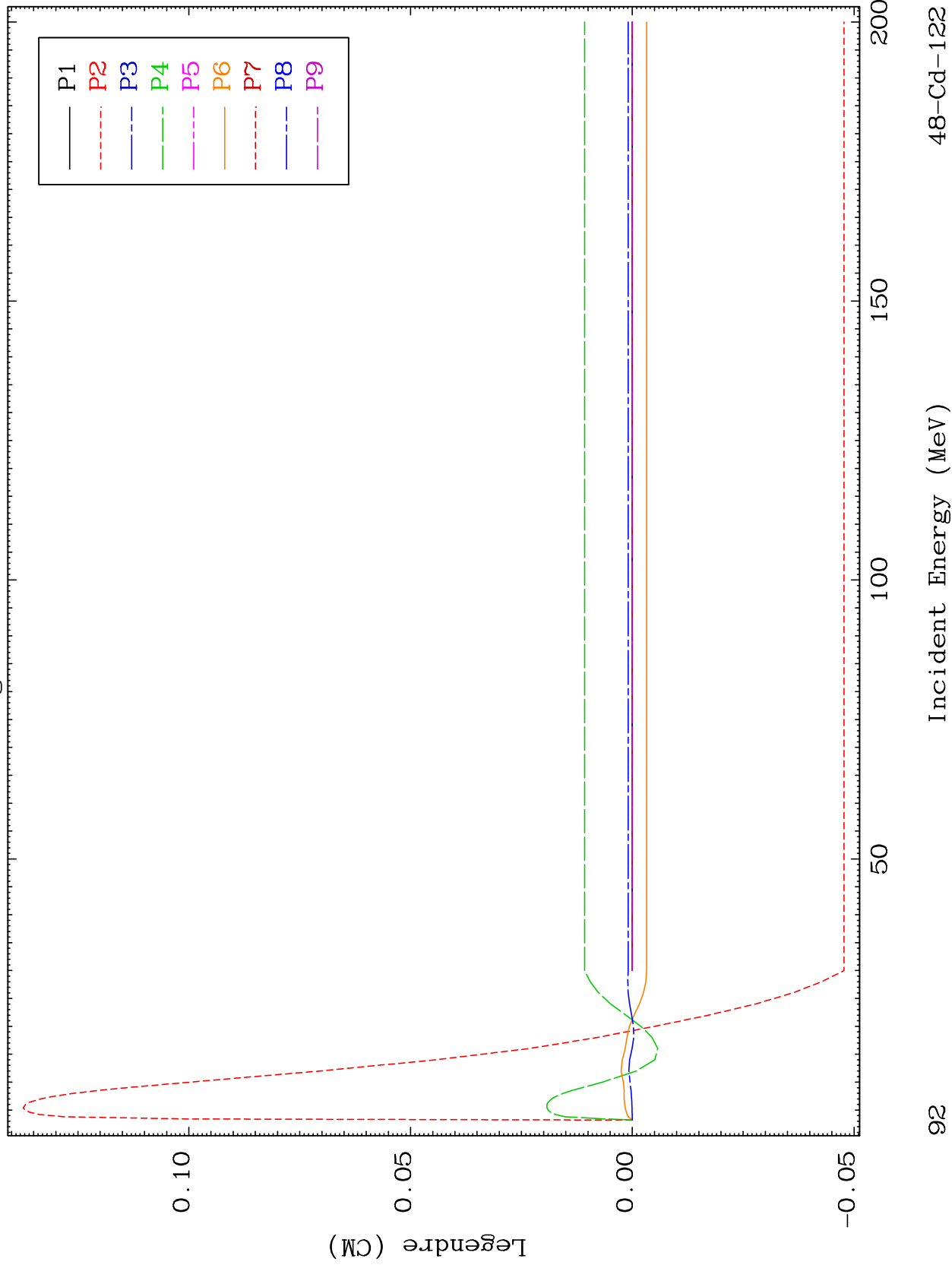




MAT 4873

3.172 MeV (n,n') Level
Legendre Coefficients

48-Cd-122



92

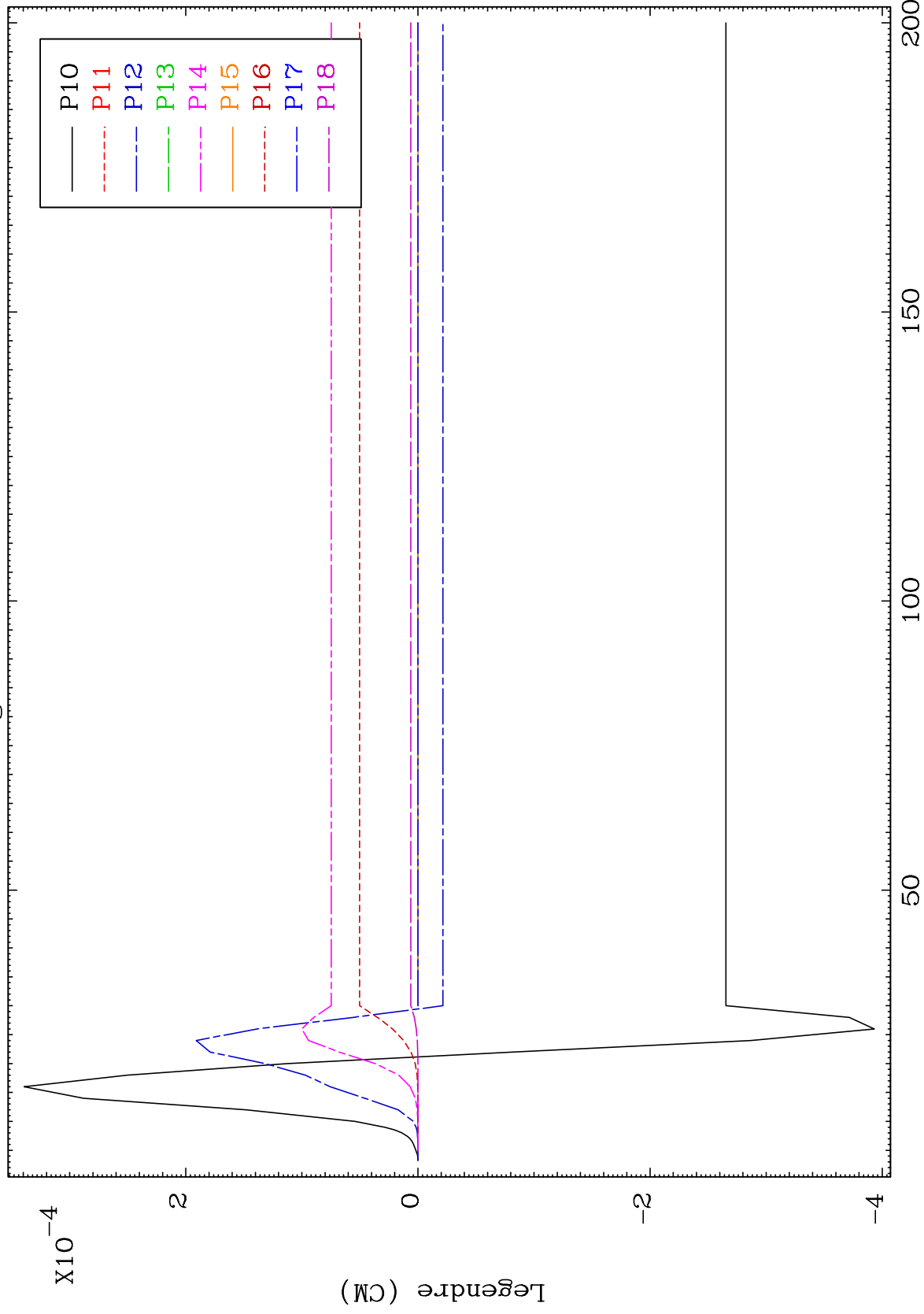
Incident Energy (MeV)

48-Cd-122

MAT 4873

3.172 MeV (n,n') Level
Legendre Coefficients

48-Cd-122



93

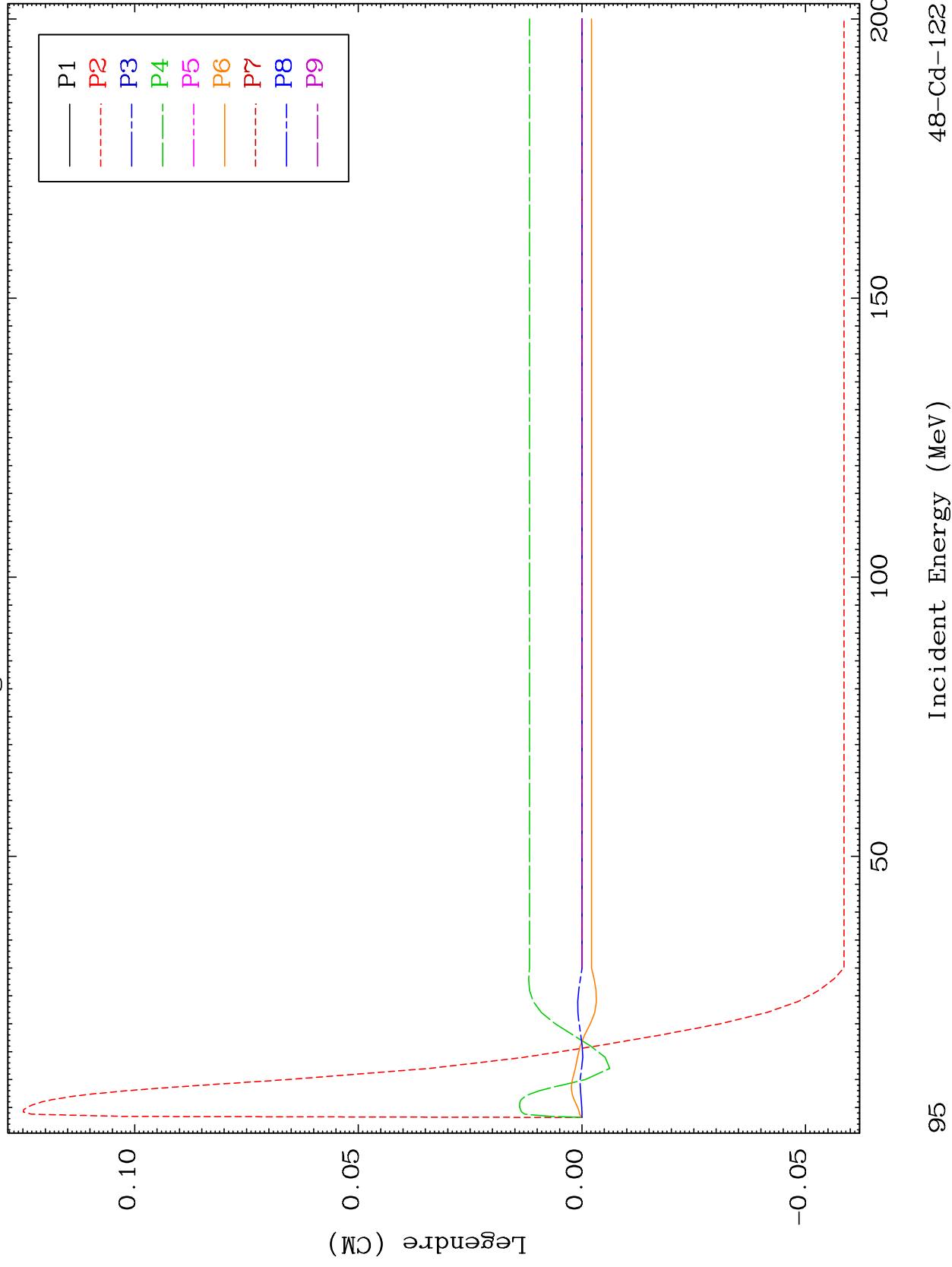
Incident Energy (MeV)

48-Cd-122

MAT 4873

3.179 MeV (n,n') Level
Legendre Coefficients

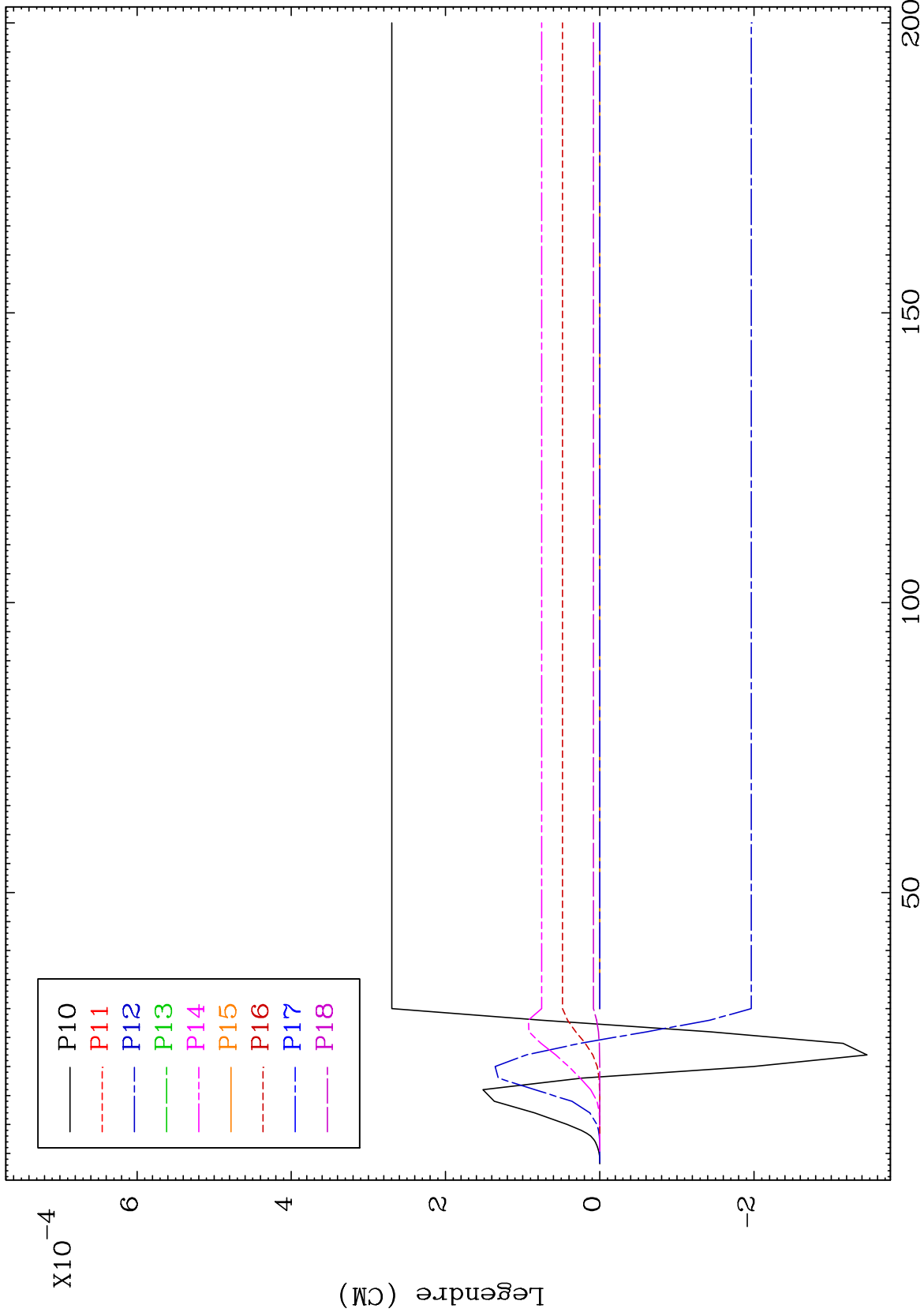
48-Cd-122



48-Cd-122

Incident Energy (MeV)

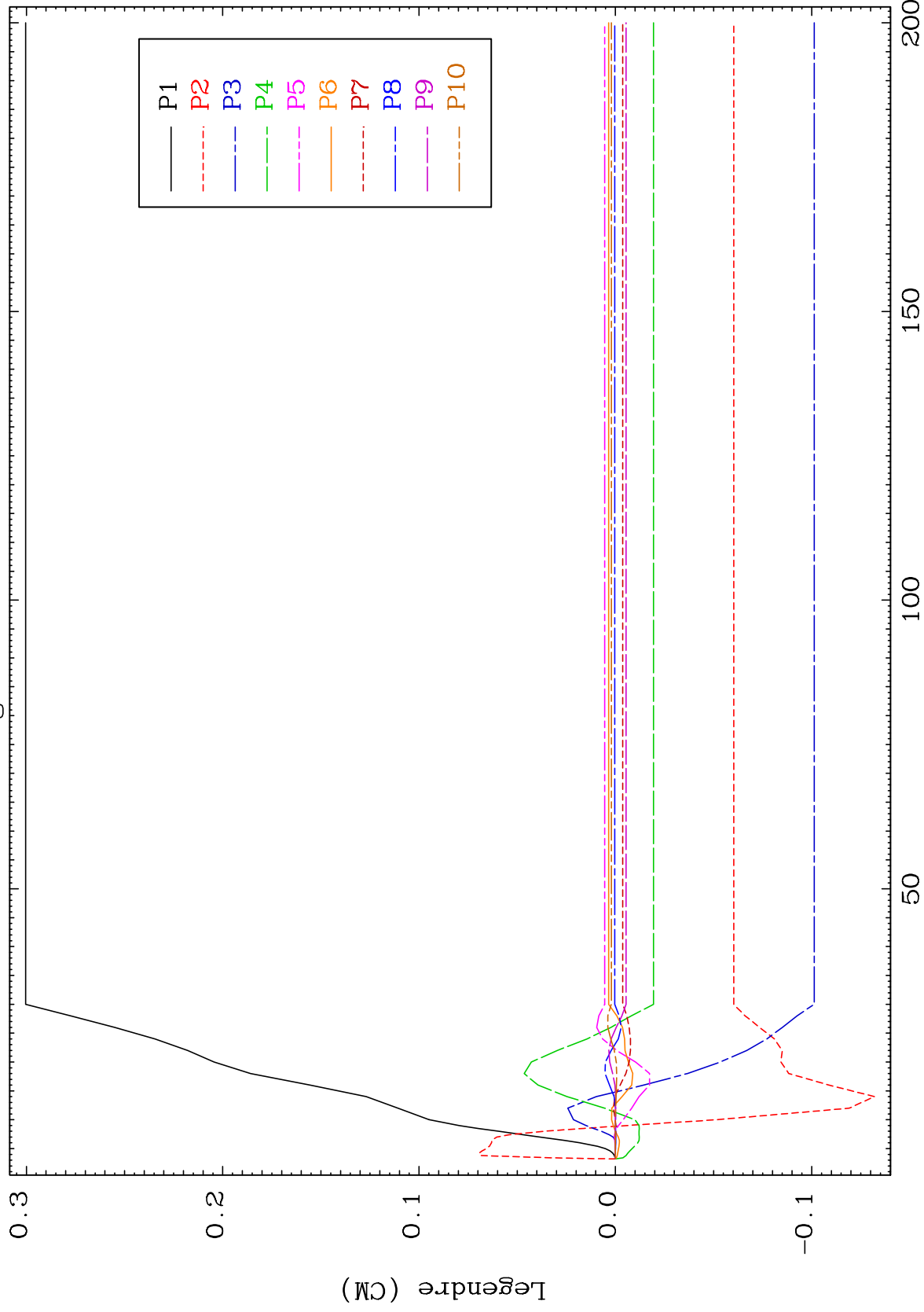
95



MAT 4873

3.181 MeV (n,n') Level
Legendre Coefficients

48-Cd-122



98

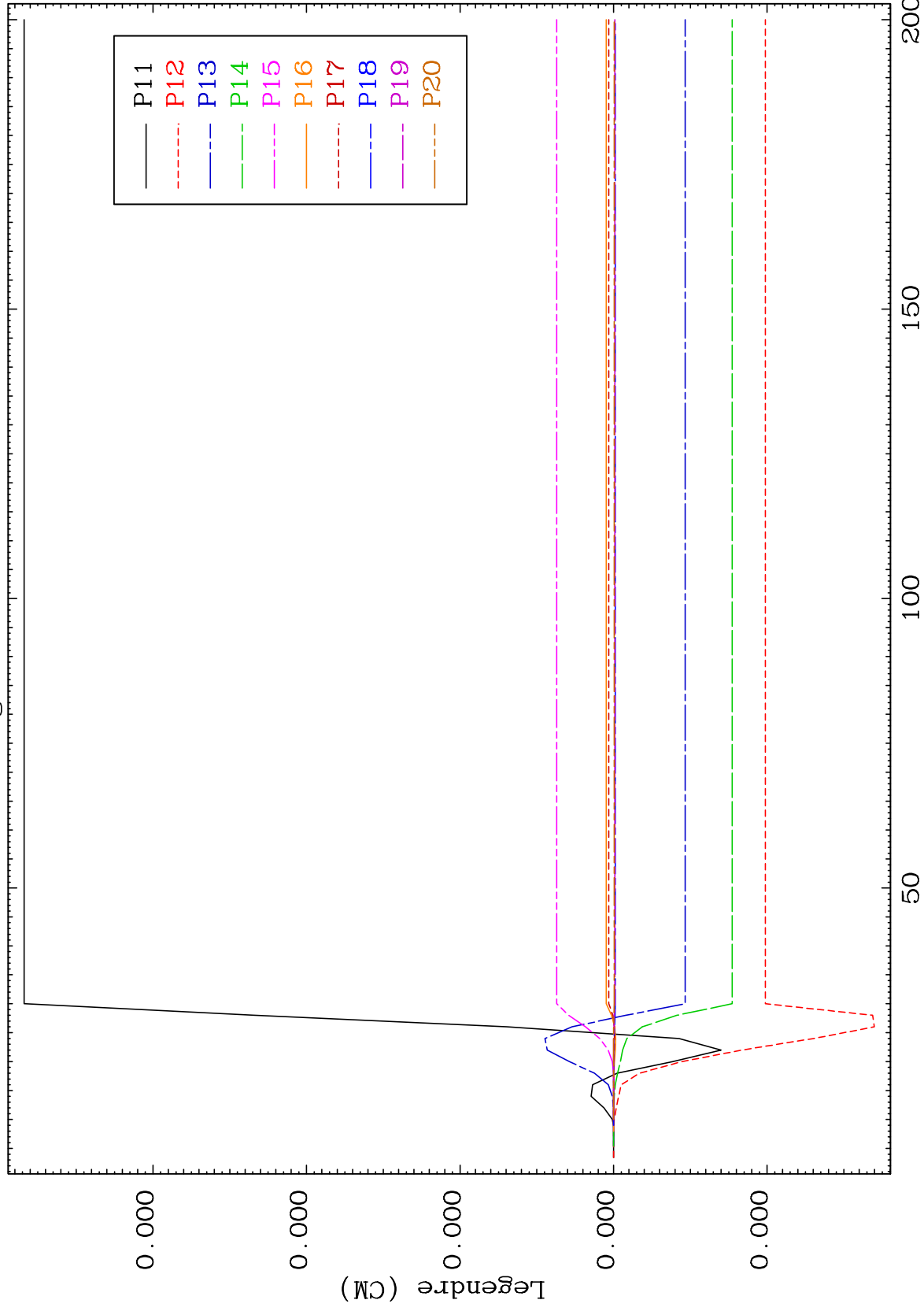
Incident Energy (MeV)

48-Cd-122

MAT 4873

3.181 MeV (n, n') Level
Legendre Coefficients

48-Cd-122



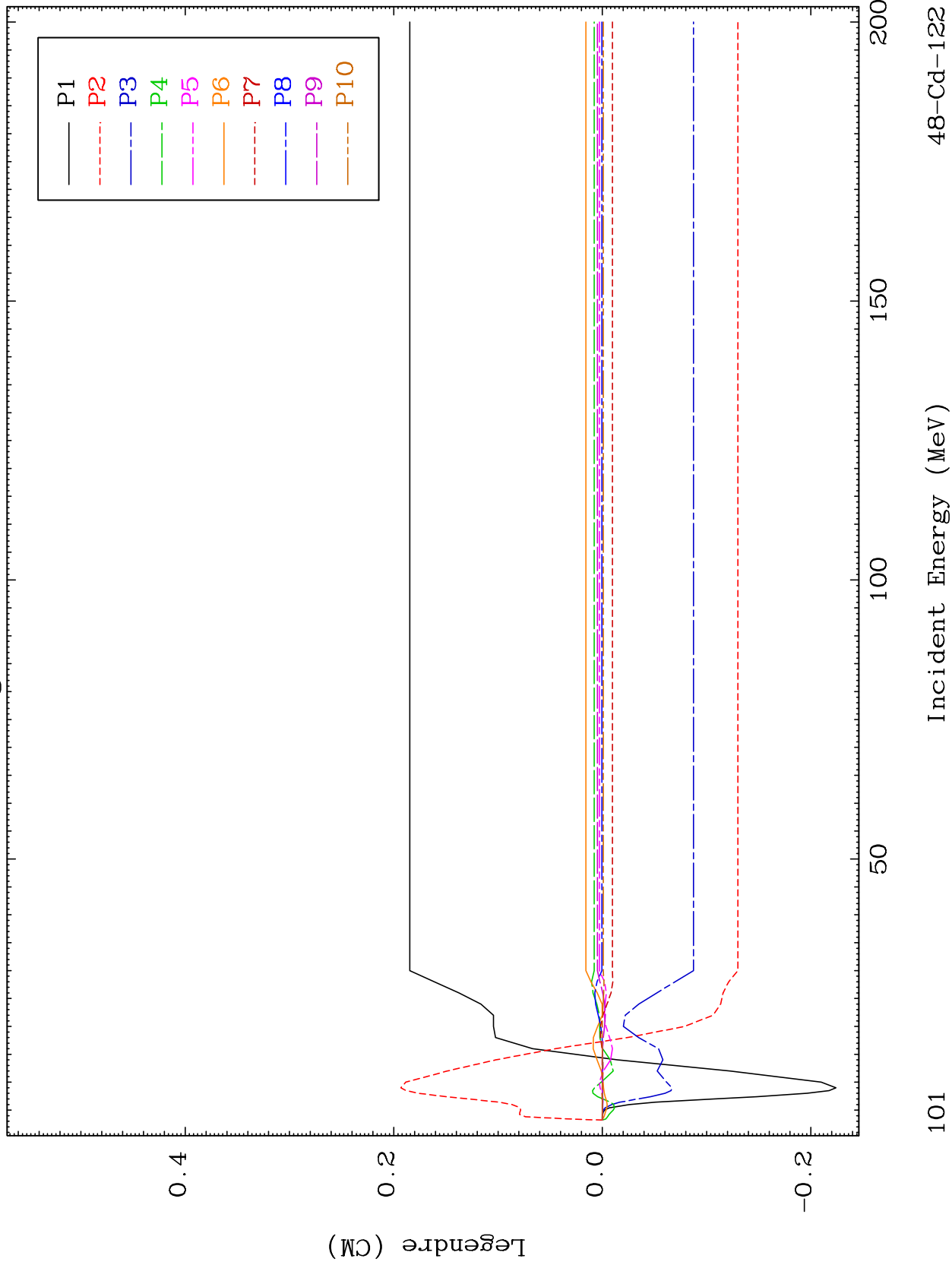
99

48-Cd-122

MAT 4873

3.183 MeV (n,n') Level
Legendre Coefficients

48-Cd-122



101

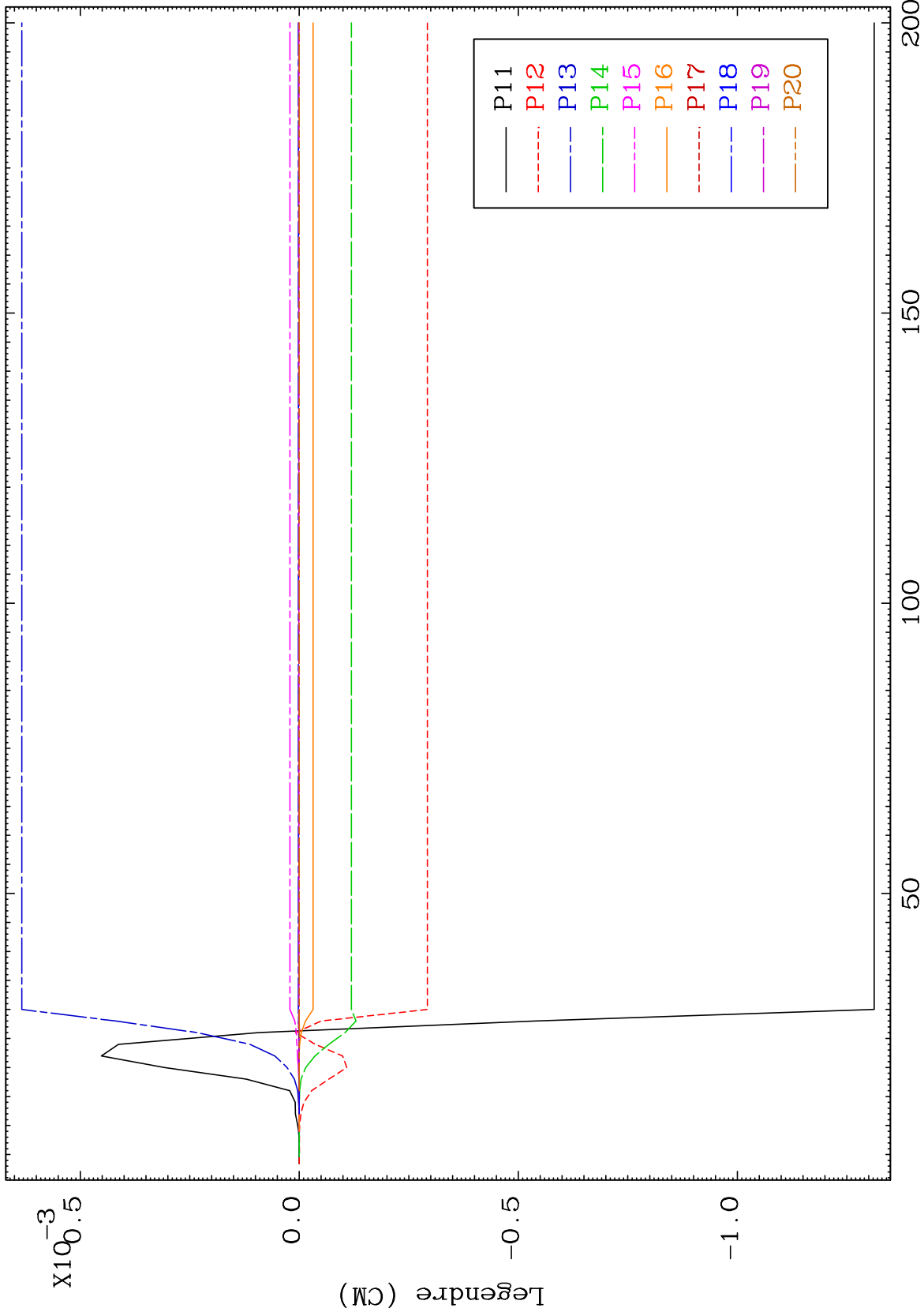
Incident Energy (MeV)

48-Cd-122

MAT 4873

3.183 MeV (n, n') Level
Legendre Coefficients

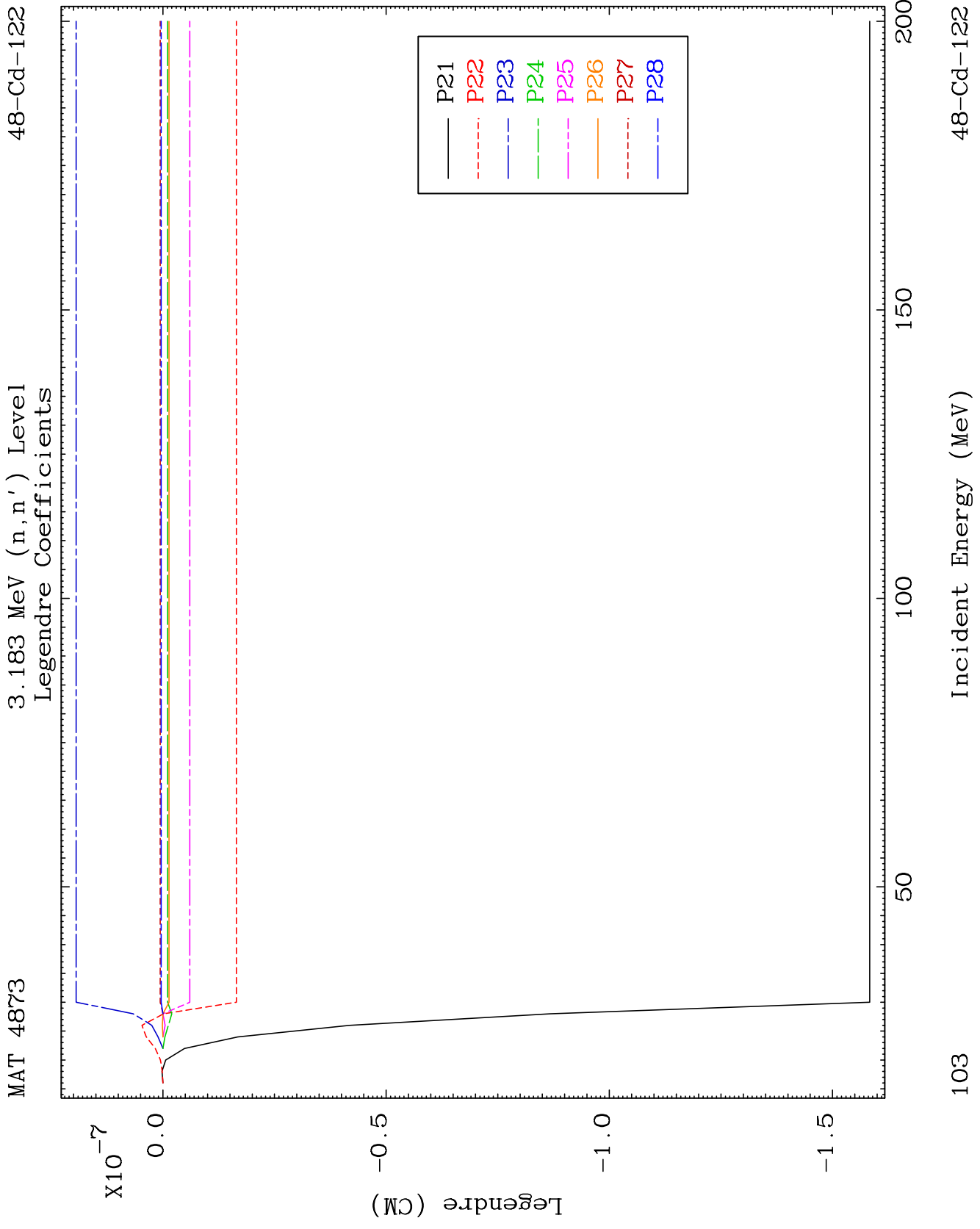
48-Cd-122

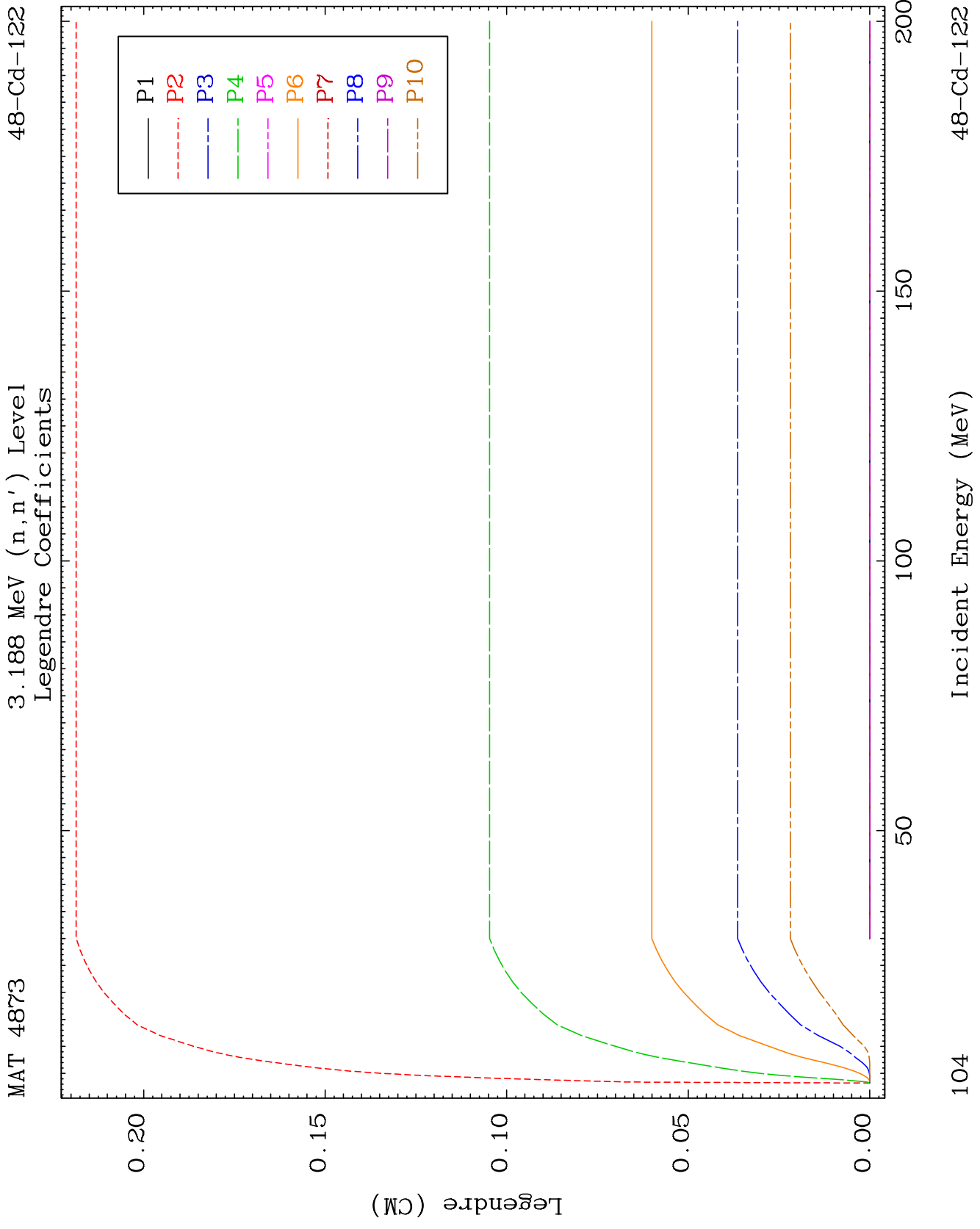


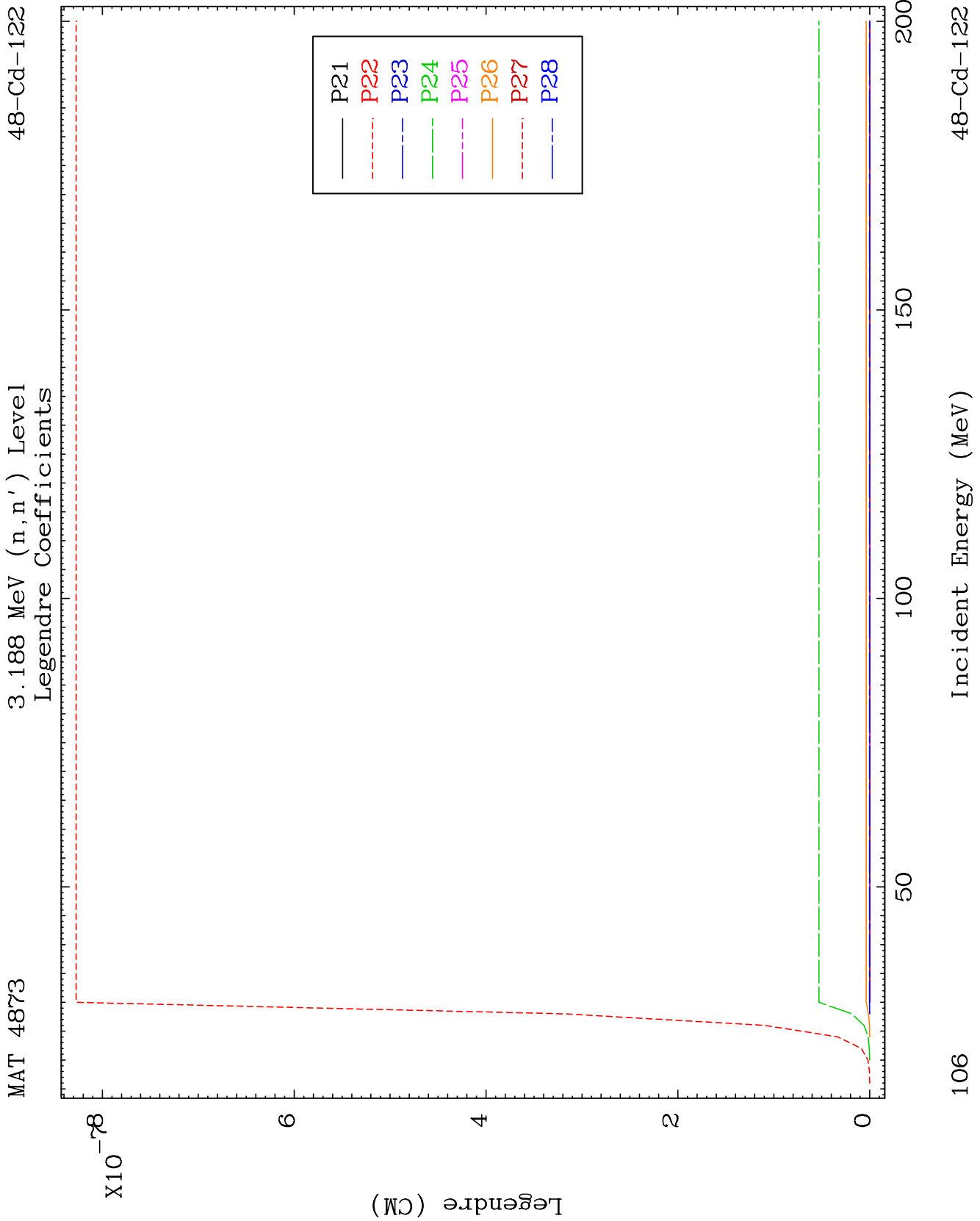
102

Incident Energy (MeV)

48-Cd-122





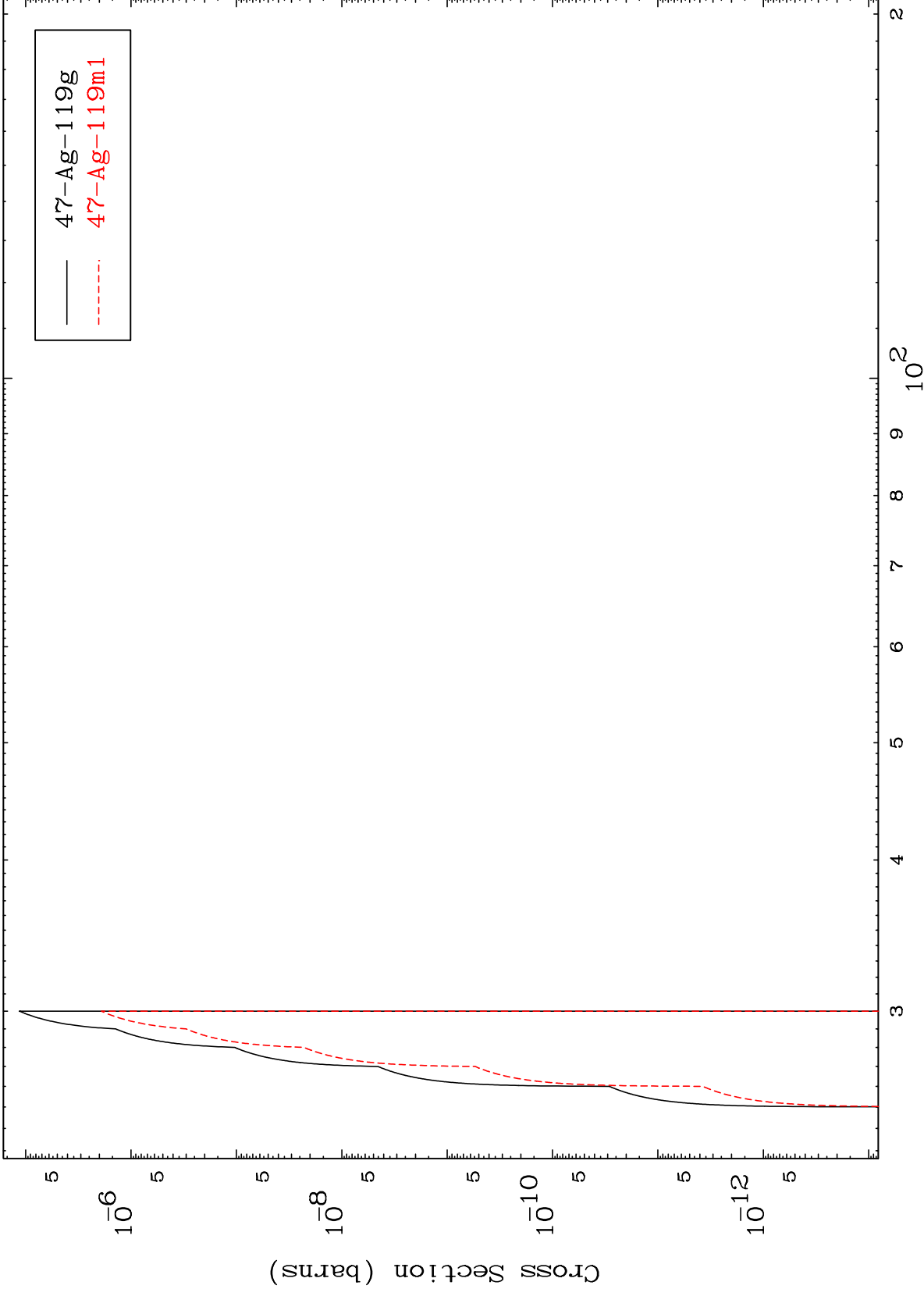


MAT 4873

(n,2n) d

48-Cd-122

Radionuclide Production Cross Section



47-Ag-119g
47-Ag-119m1

107

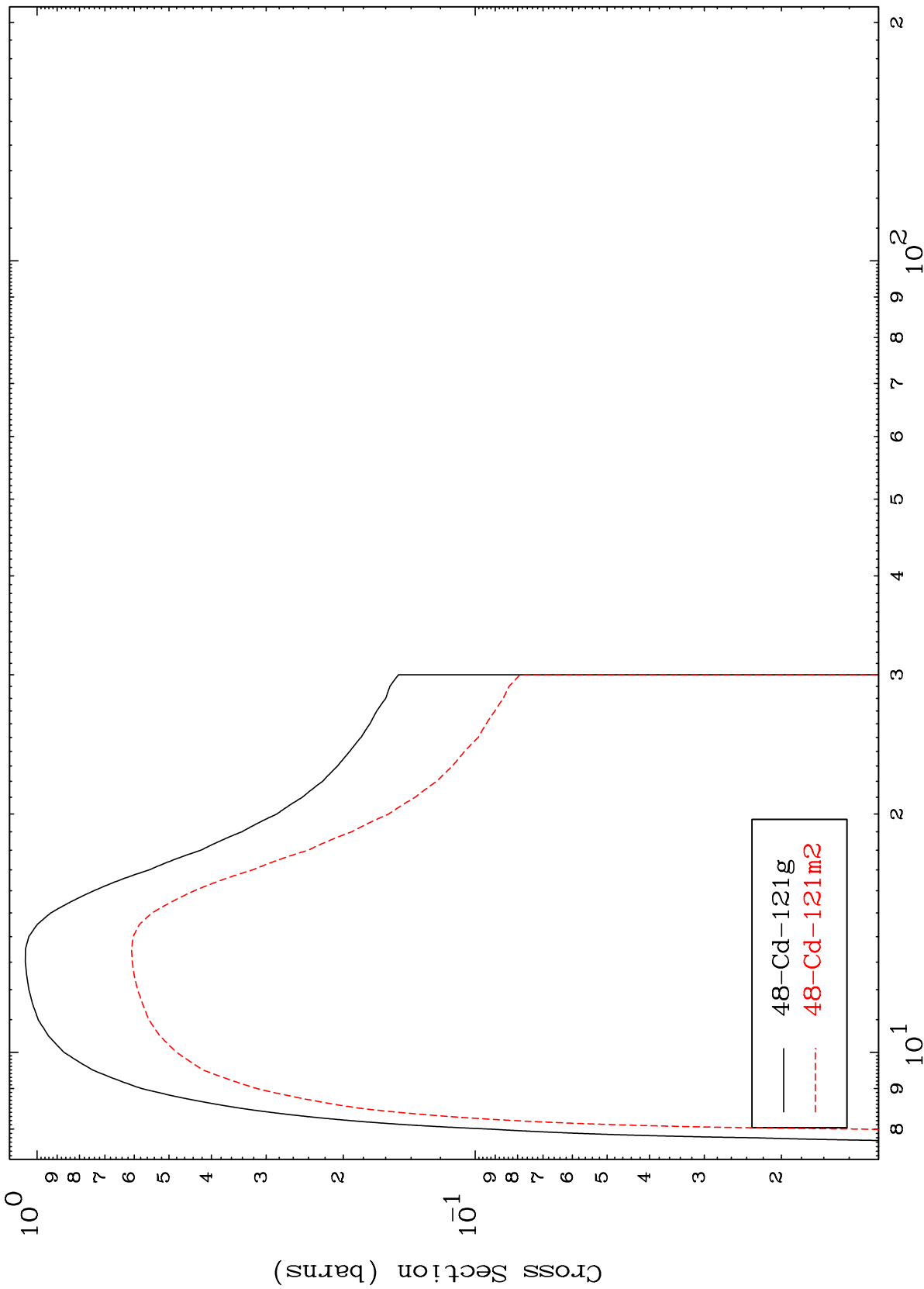
Incident Energy (MeV)

48-Cd-122

MAT 4873

48-Cd-122

(n,2n)
Radionuclide Production Cross Section



108

Incident Energy (MeV)

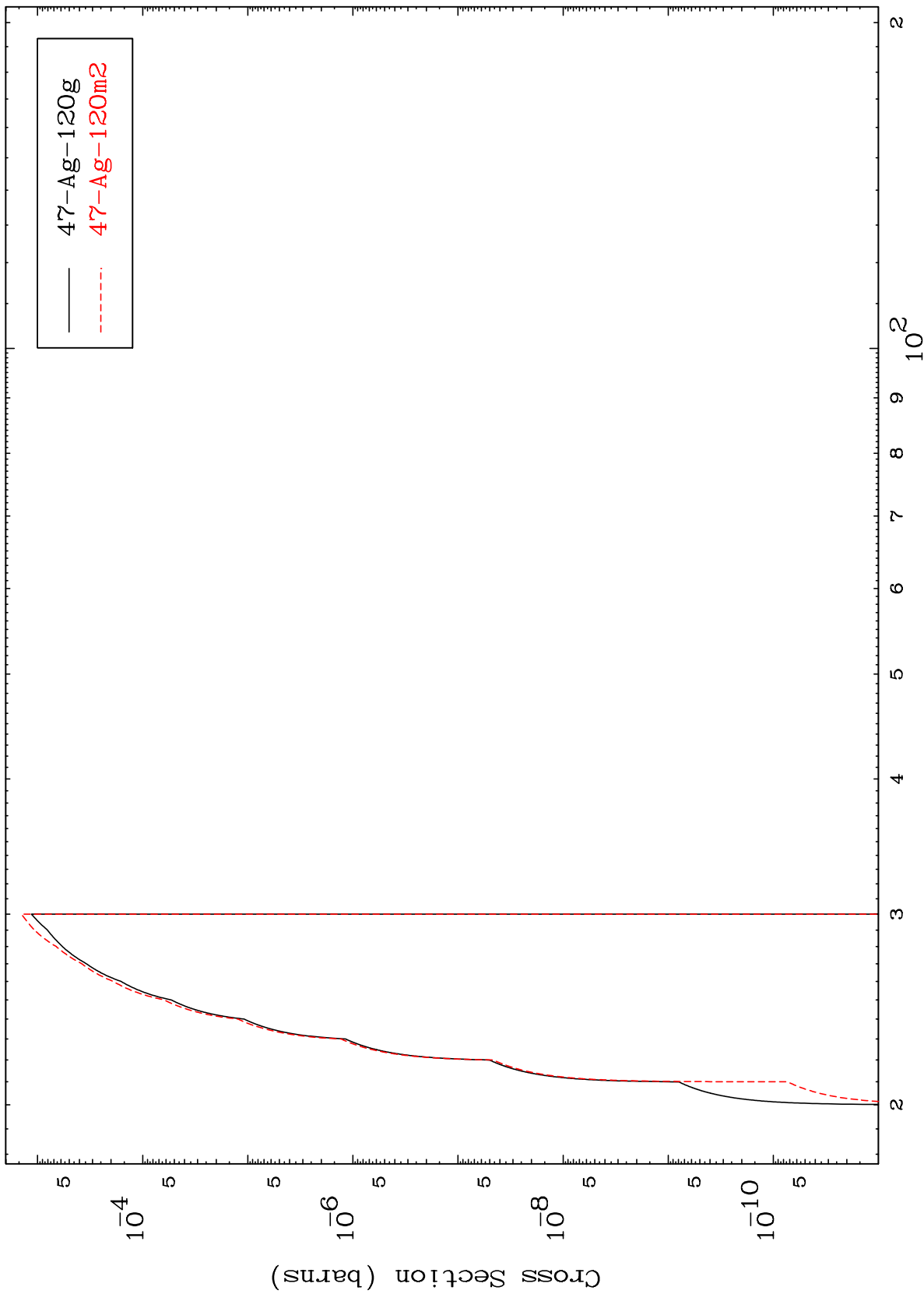
48-Cd-122

MAT 4873

(n,n') d

48-Cd-122

Radionuclide Production Cross Section



109

Incident Energy (MeV)

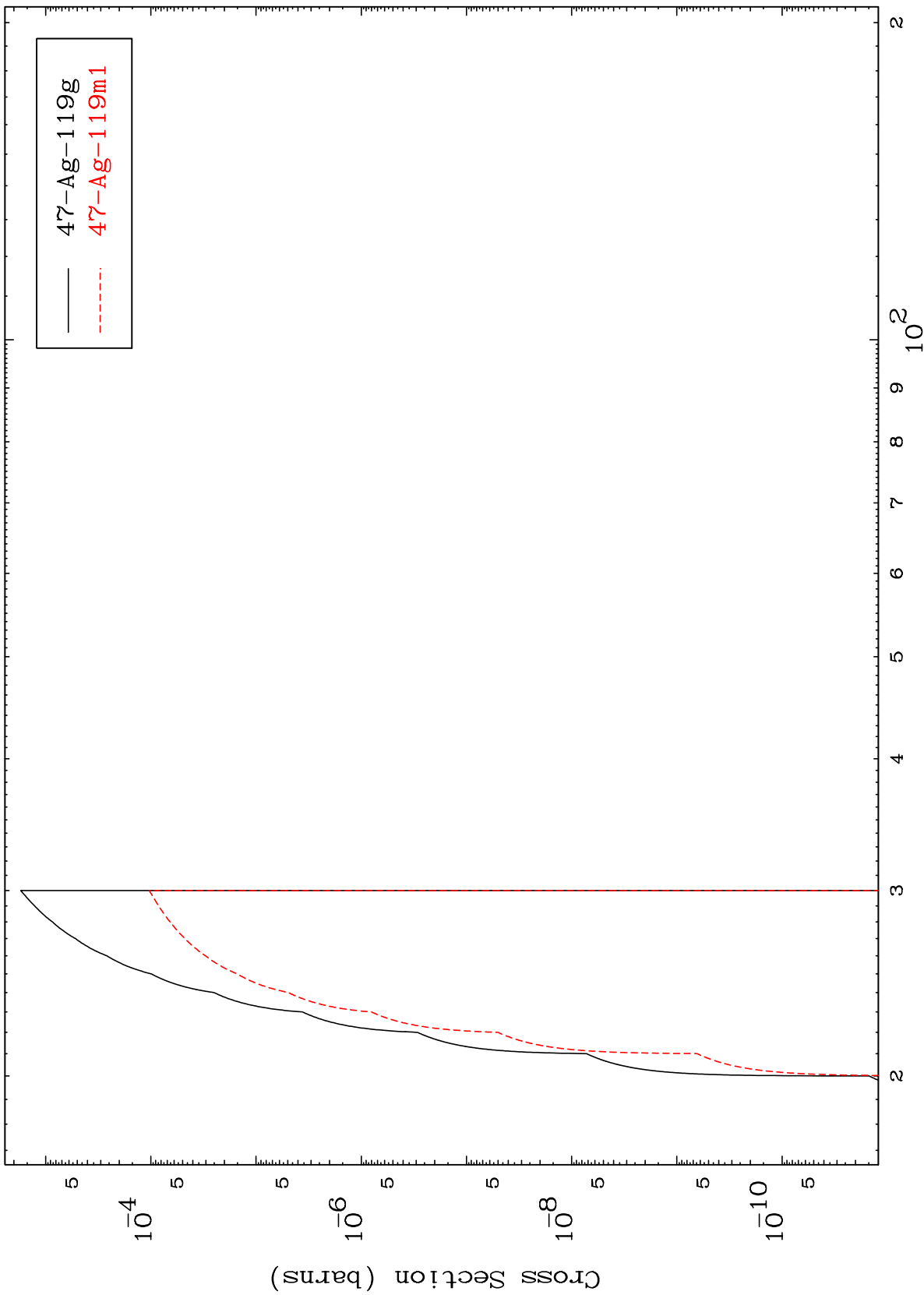
48-Cd-122

MAT 4873

(n,n') t

48-Cd-122

Radionuclide Production Cross Section



110

Incident Energy (MeV)

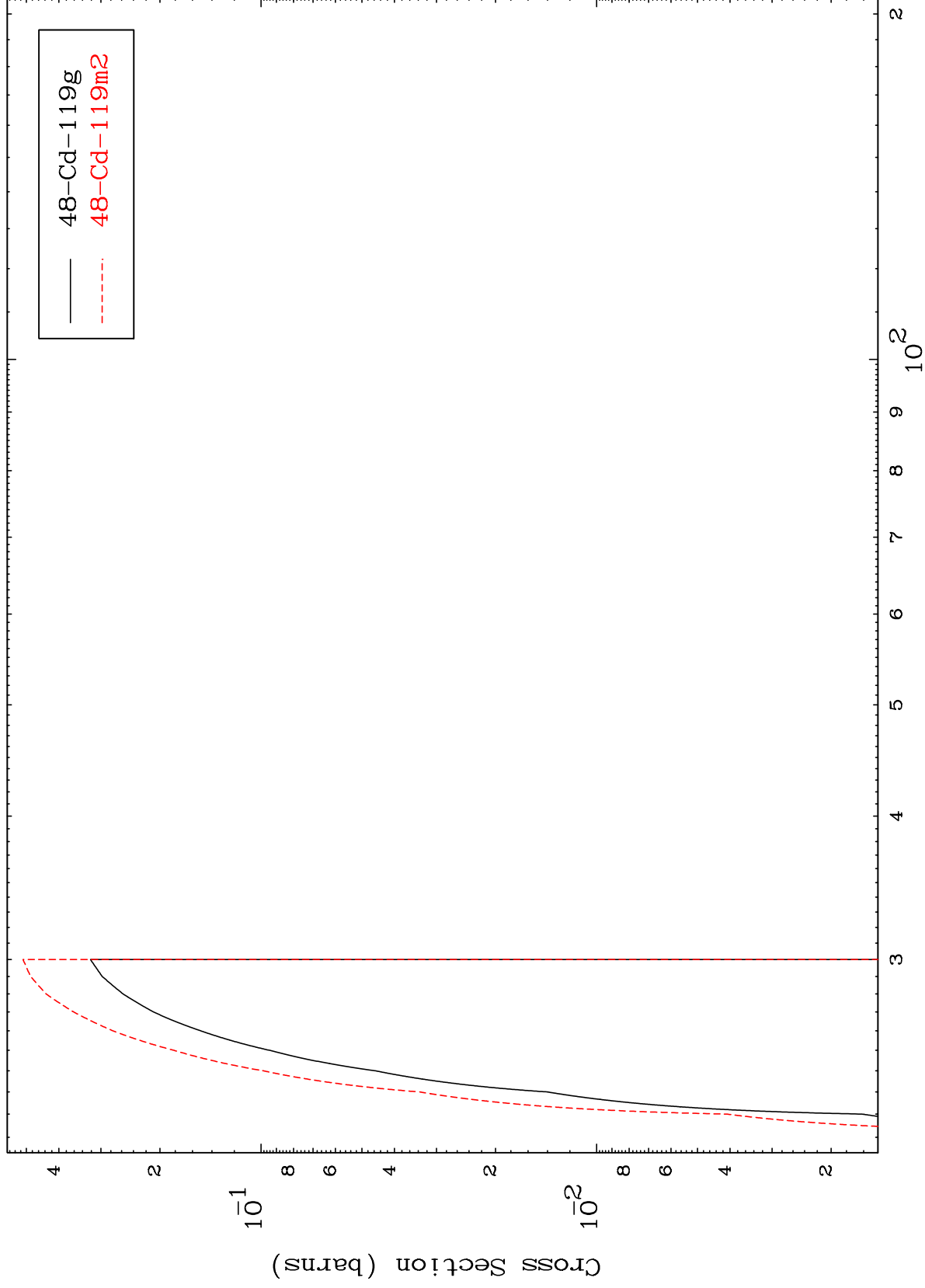
48-Cd-122

MAT 4873

(n,4n)

48-Cd-122

Radionuclide Production Cross Section



111

Incident Energy (MeV)

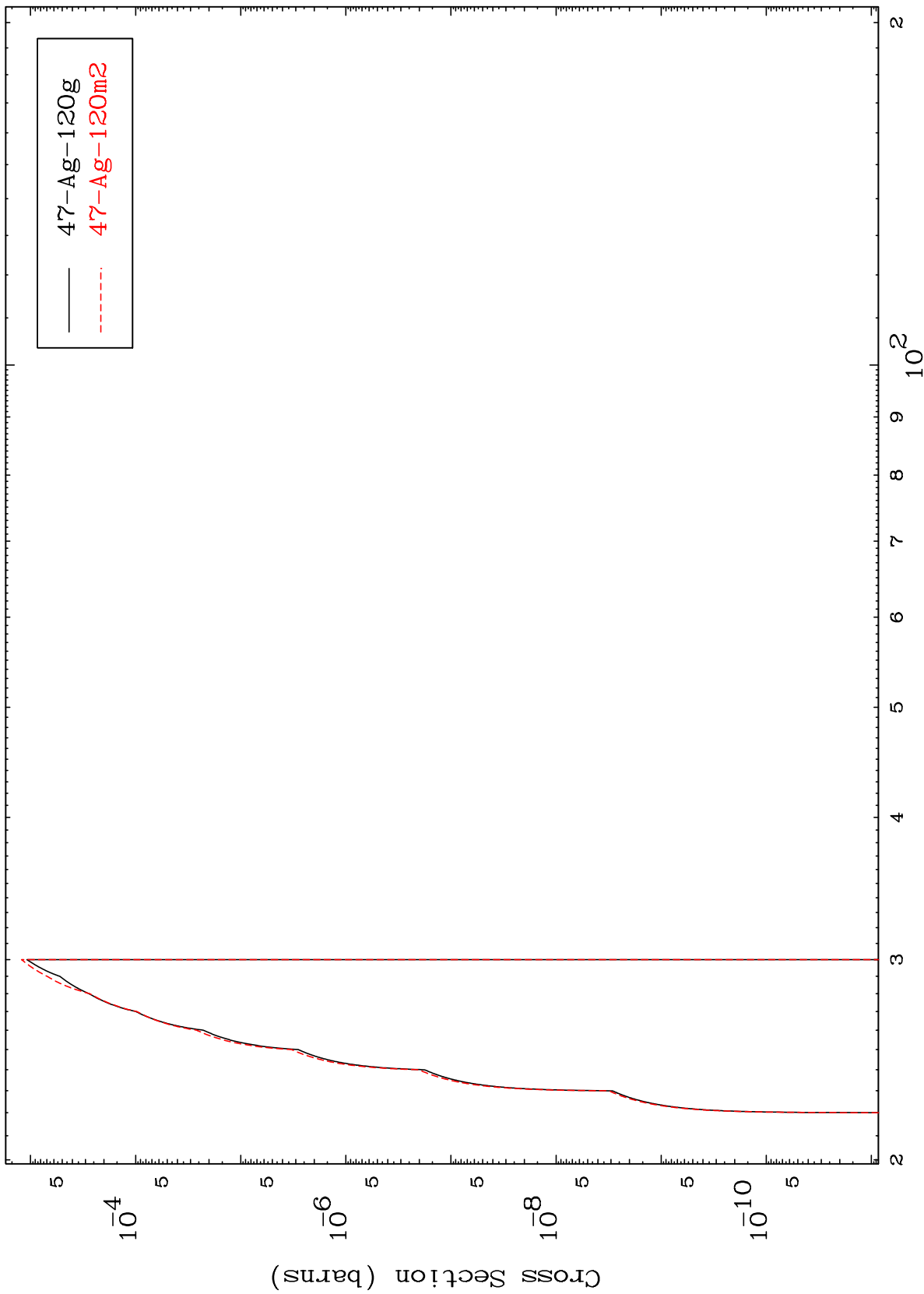
48-Cd-122

MAT 4873

(n,2n) p

48-Cd-122

Radionuclide Production Cross Section



112

Incident Energy (MeV)

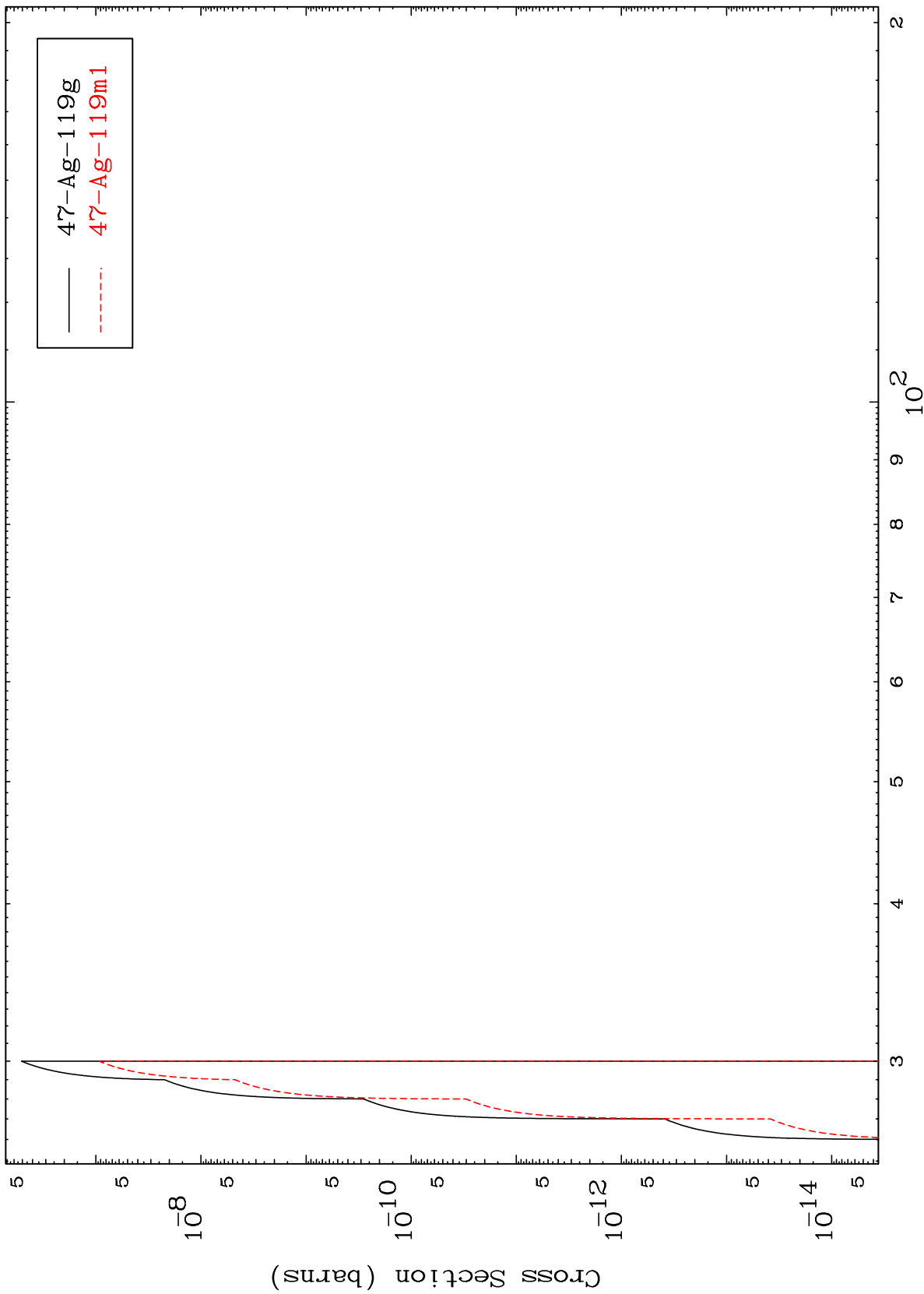
48-Cd-122

MAT 4873

(n,3n) p

48-Cd-122

Radionuclide Production Cross Section



113

Incident Energy (MeV)

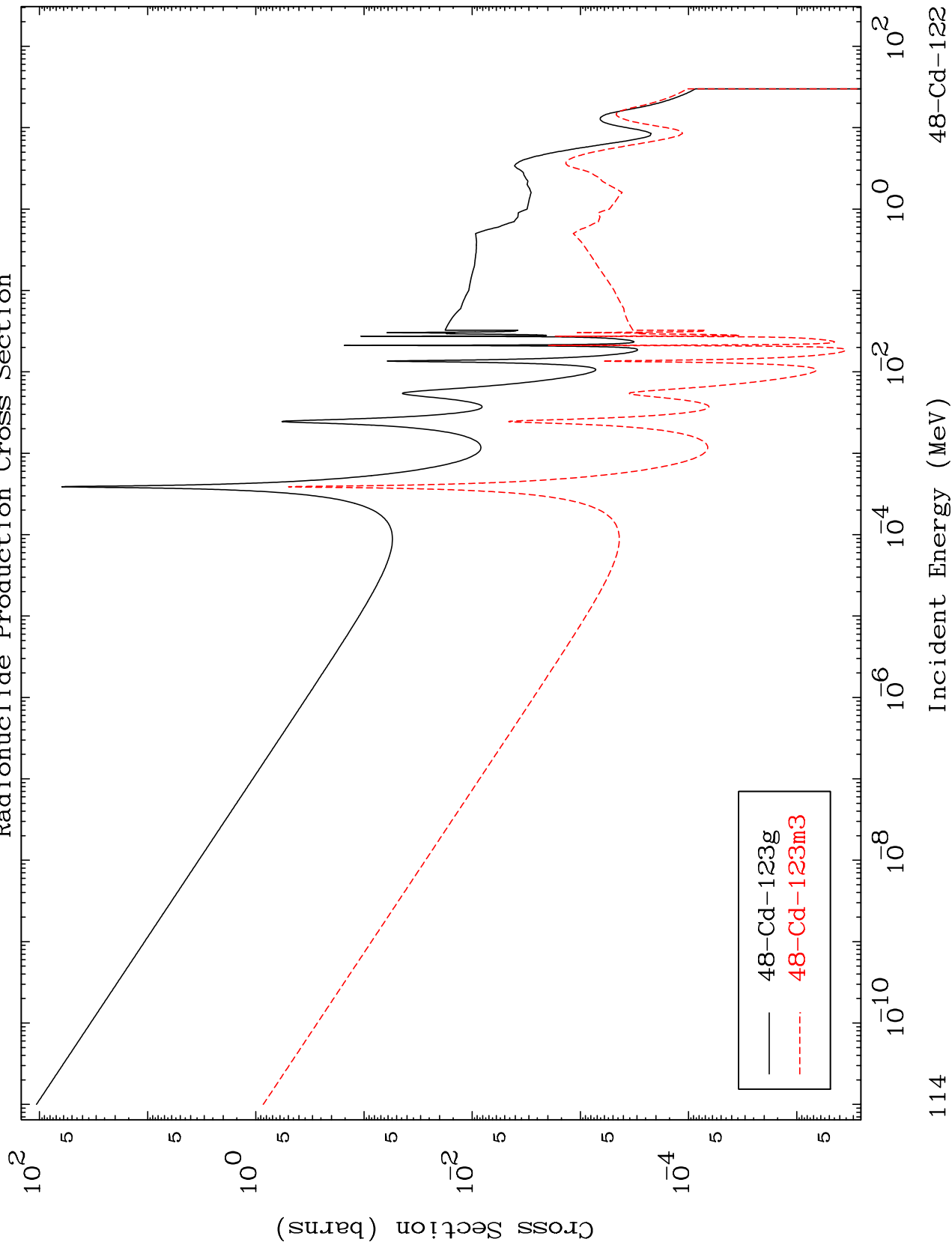
48-Cd-122

MAT 4873

48-Cd-122

Radionuclide Production Cross Section

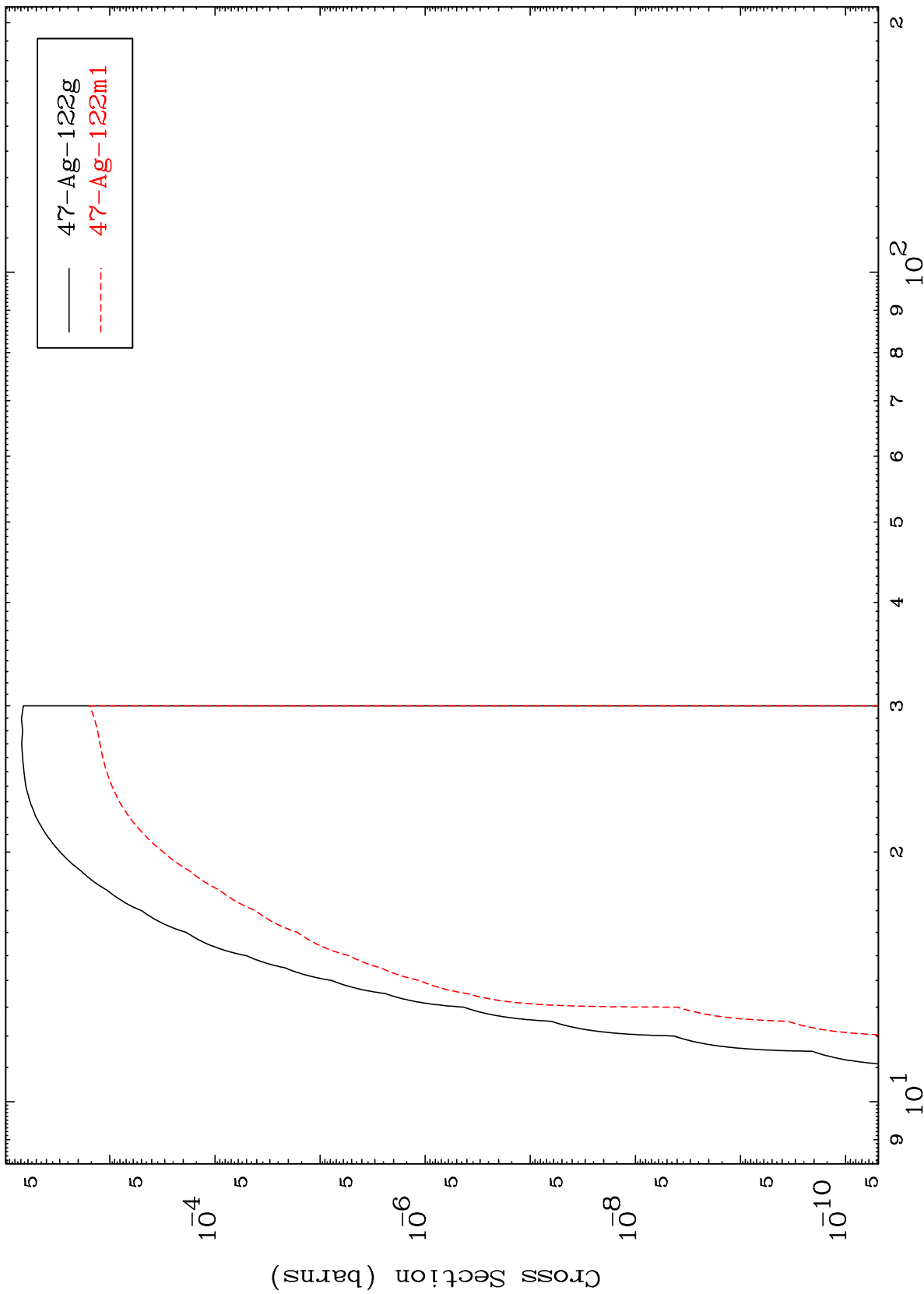
(n, γ)



MAT 4873

48-Cd-122

(n,p)
Radionuclide Production Cross Section



115

Incident Energy (MeV)

48-Cd-122

(n,t)
Radionuclide Production Cross Section

