

Program EVALPLOT
(Version 2015-2)

by

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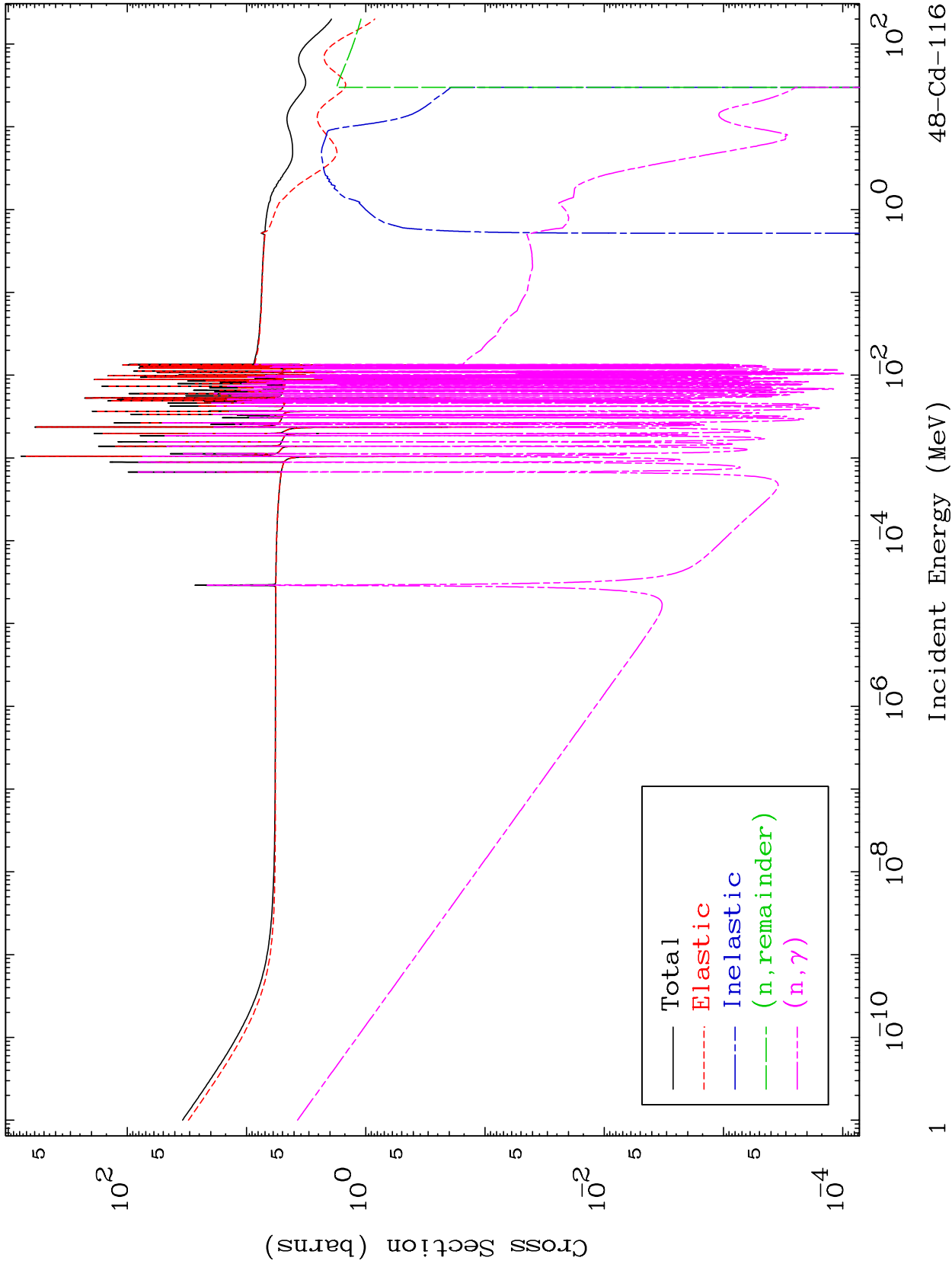
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4855

Major
293 Kelvin Cross Sections

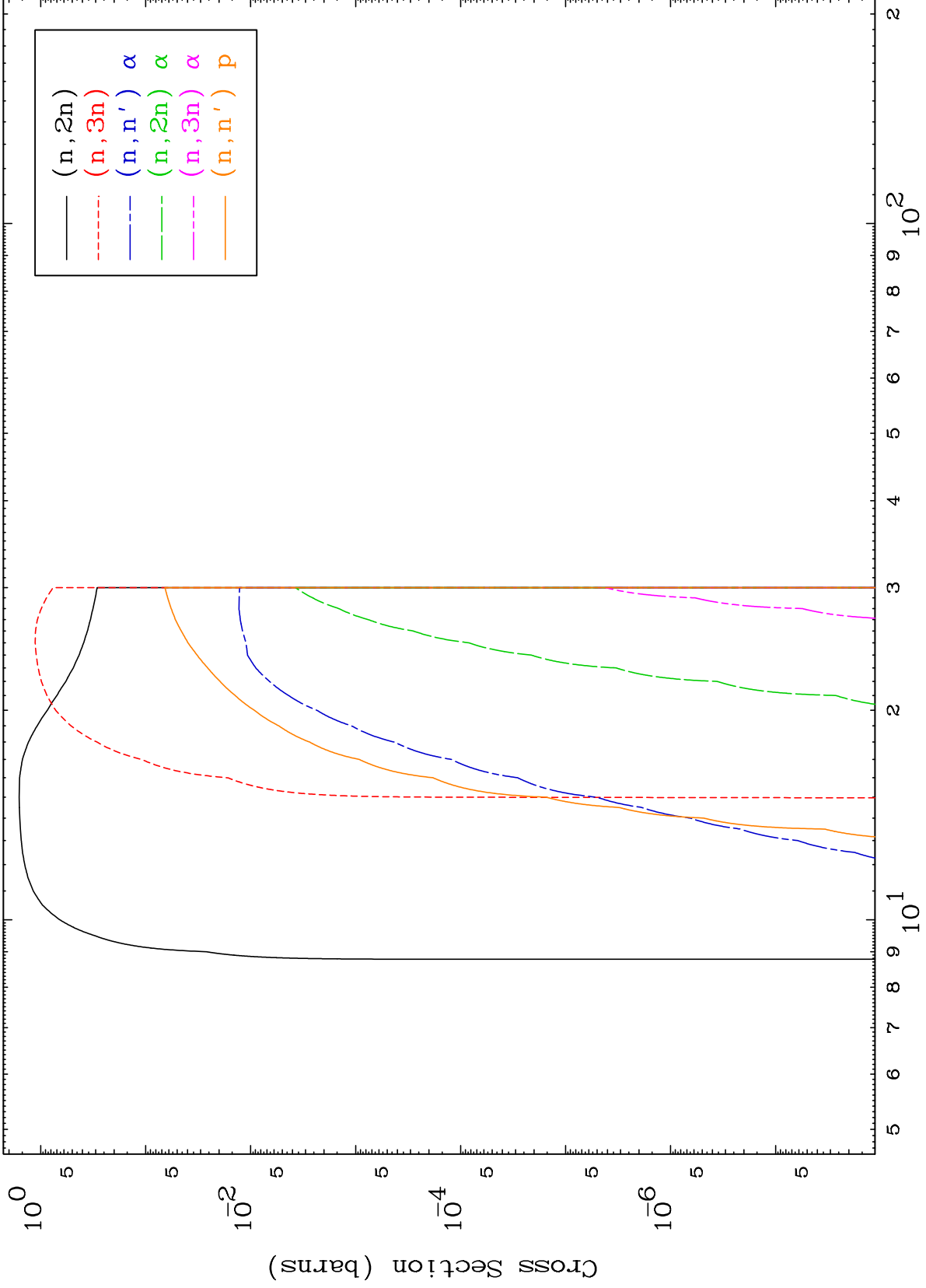
48-Cd-116



MAT 4855

Neutron Production
293 Kelvin Cross Sections

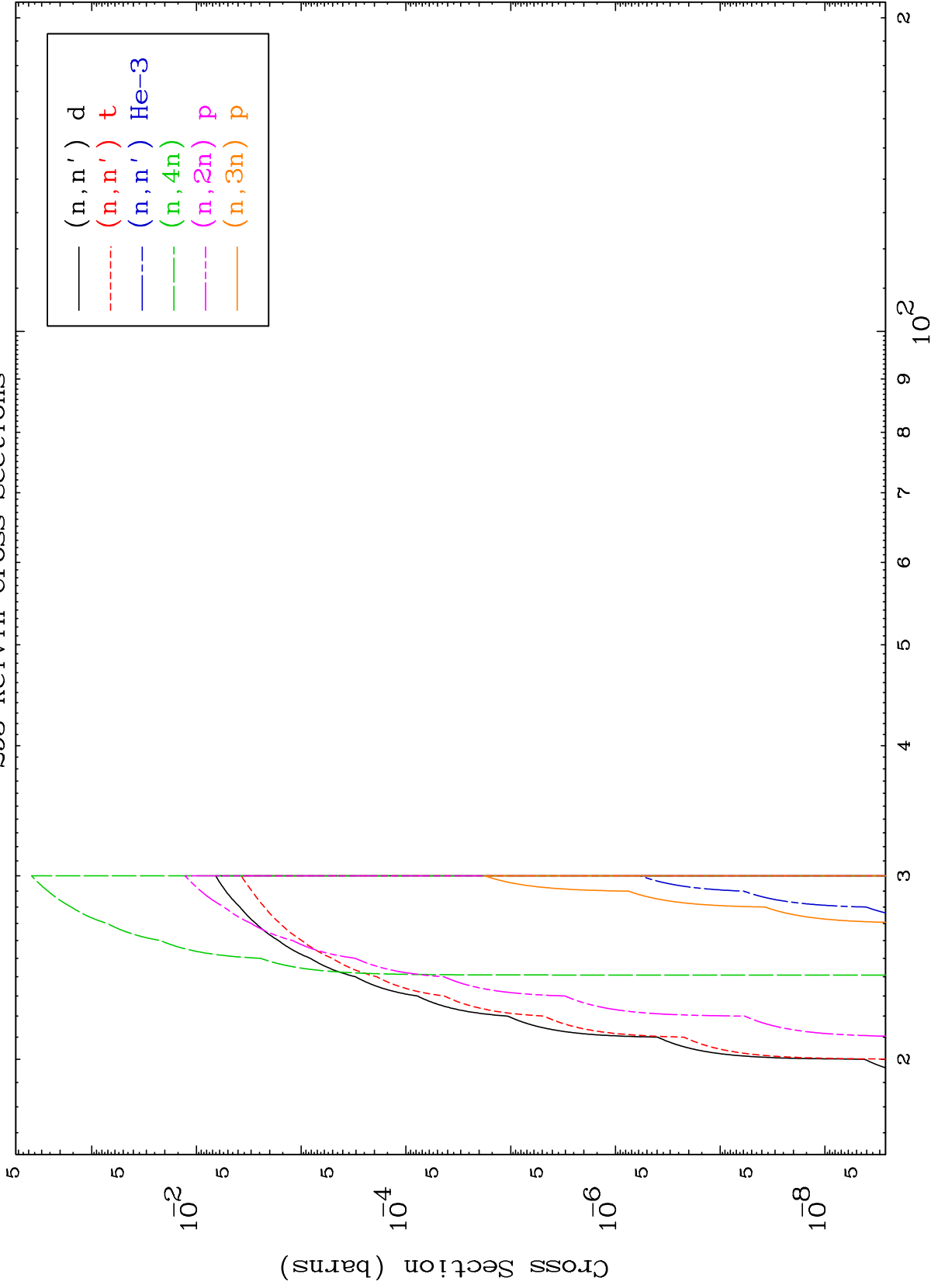
48-Cd-116



2

Incident Energy (MeV)

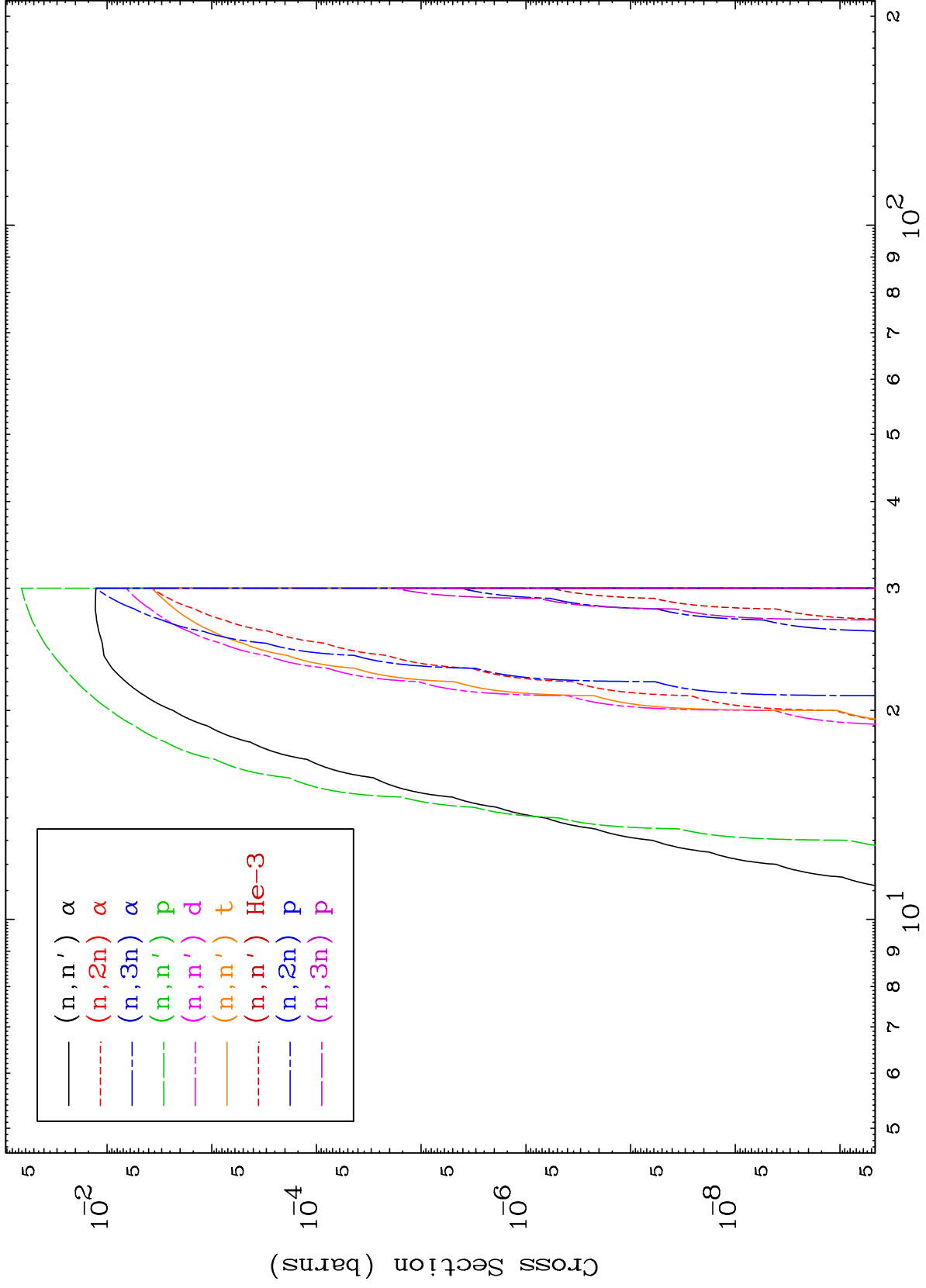
48-Cd-116



MAT 4855

Charged Particle
293 Kelvin Cross Sections

48-Cd-116



4

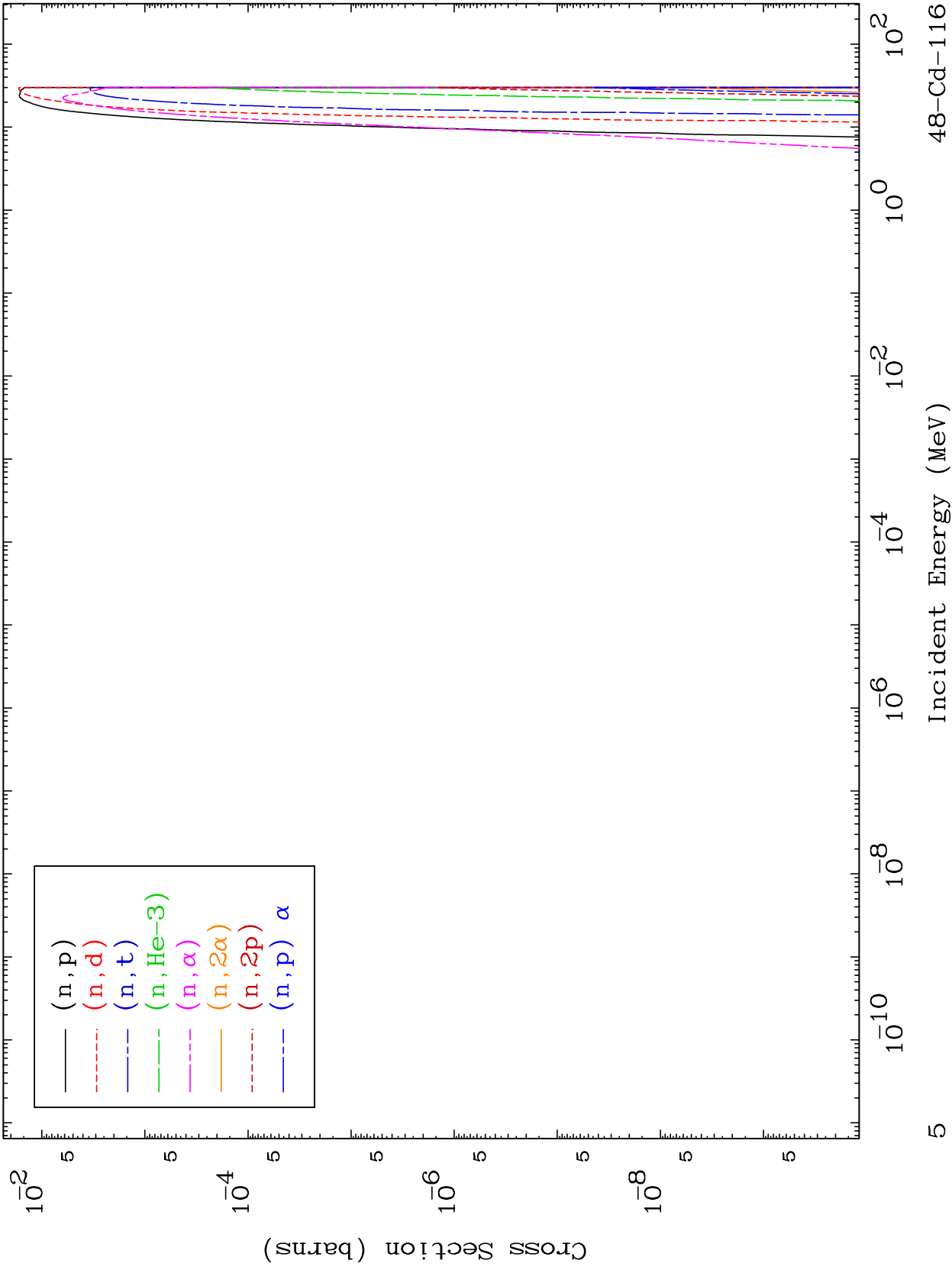
Incident Energy (MeV)

48-Cd-116

MAT 4855

Charged Particle
293 Kelvin Cross Sections

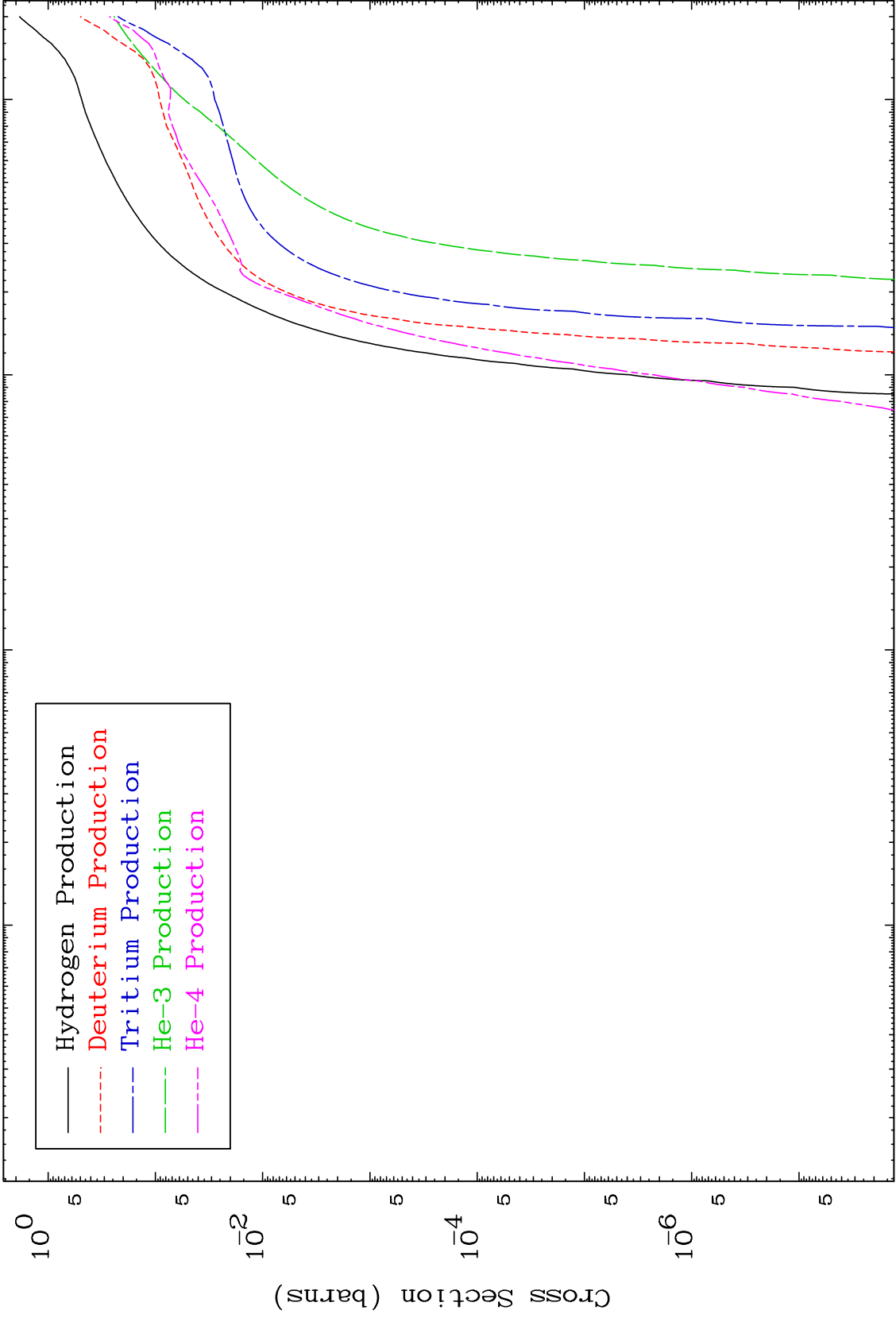
48-Cd-116



MAT 4855

Particle Production
293 Kelvin Cross Sections

48-Cd-116



6

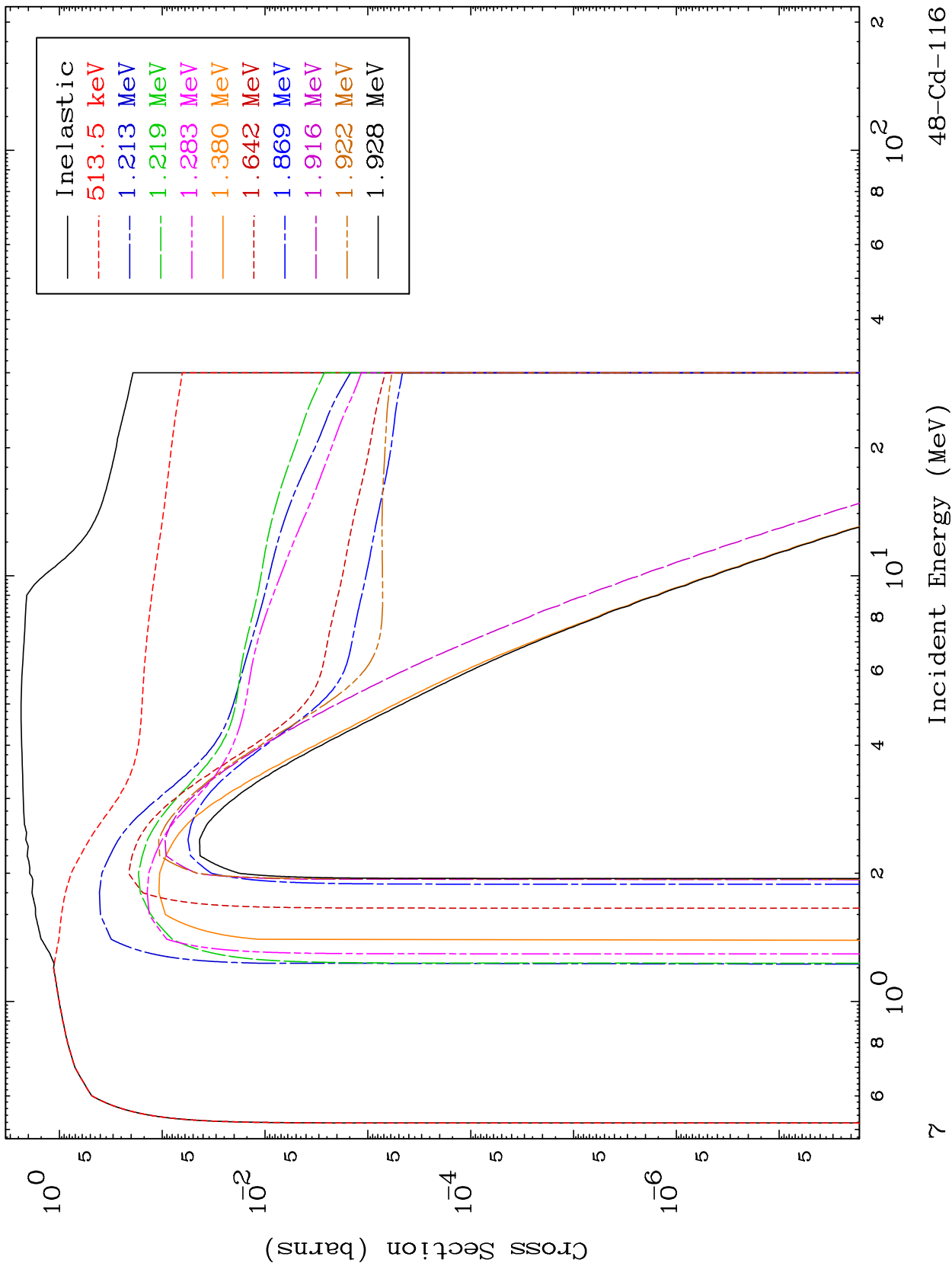
48-Cd-116

MAT 4855

(n,n') Level

48-Cd-116

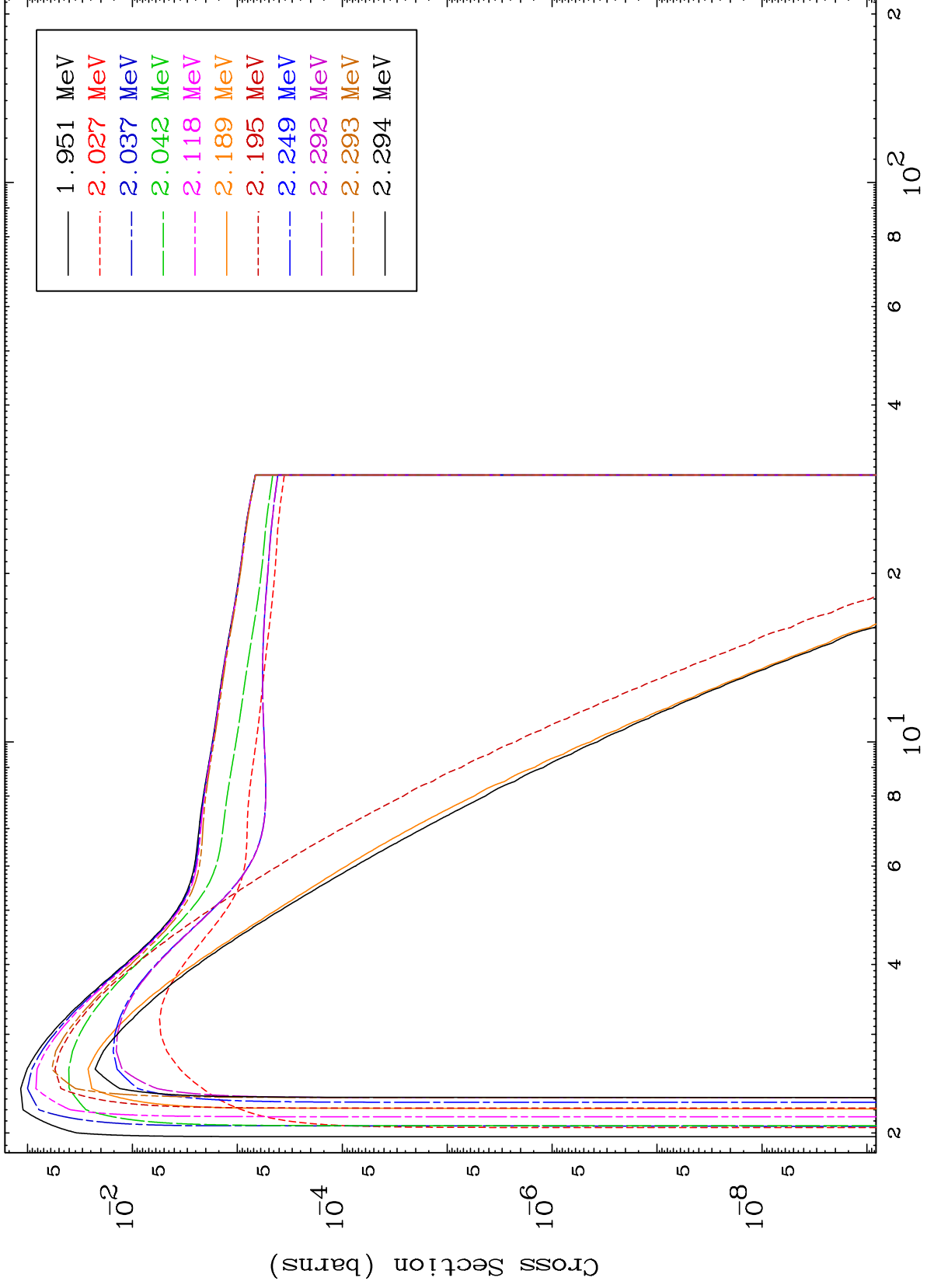
293 Kelvin Cross Sections



MAT 4855

(n,n') Level
293 Kelvin Cross Sections

48-Cd-116



8

Incident Energy (MeV)

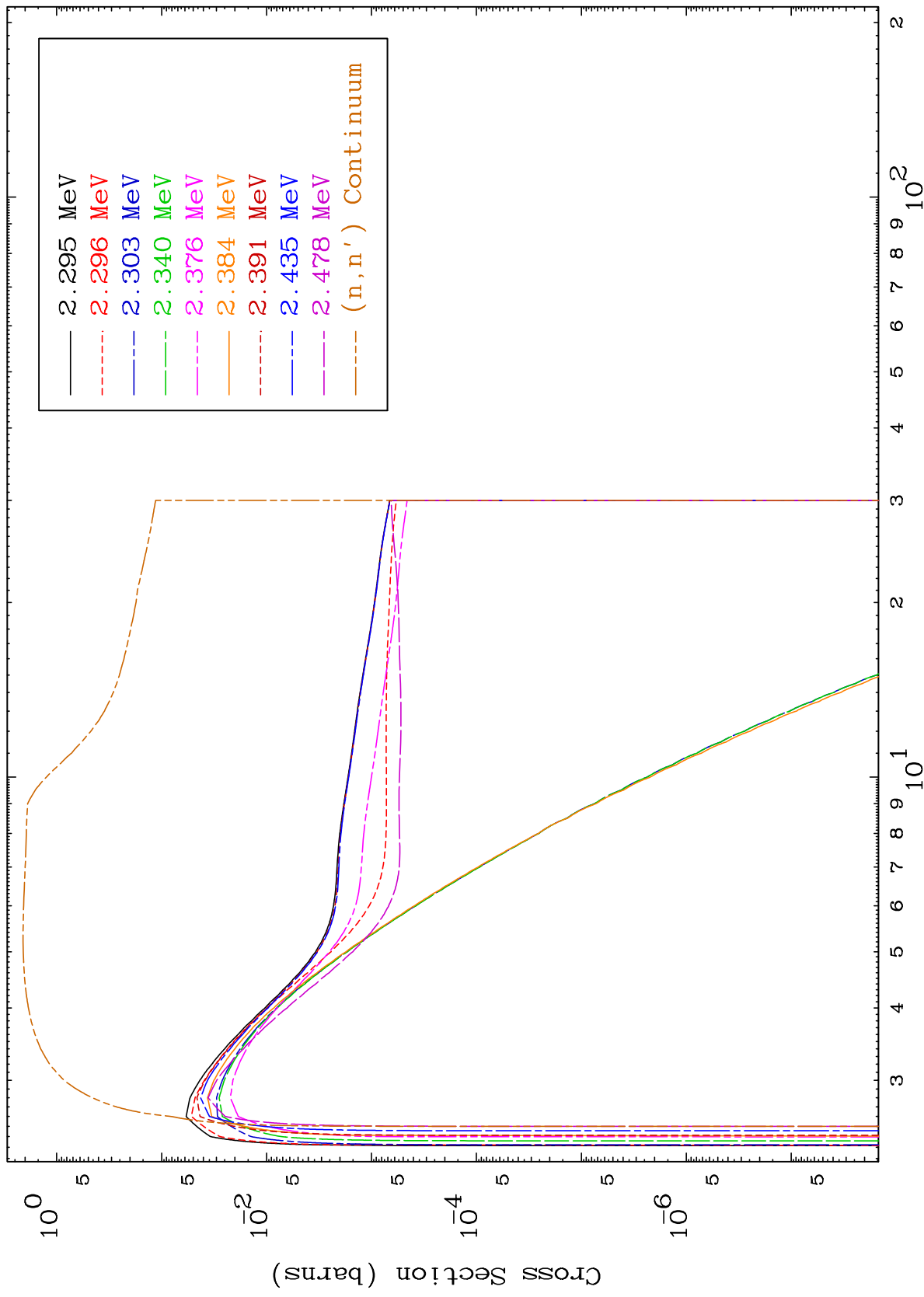
48-Cd-116

MAT 4855

(n,n') Level

48-Cd-116

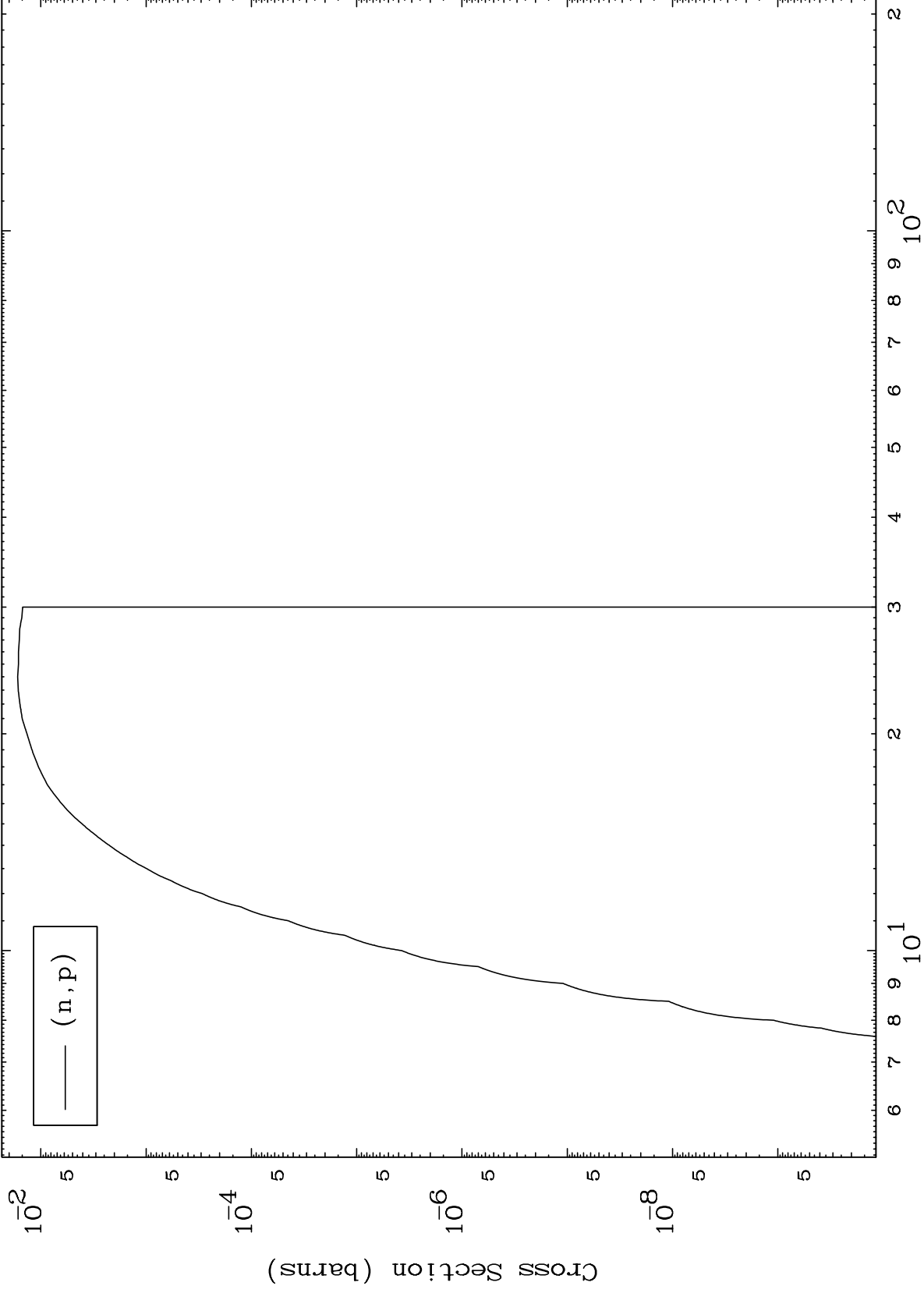
293 Kelvin Cross Sections



MAT 4855

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-116



(n,p)

10

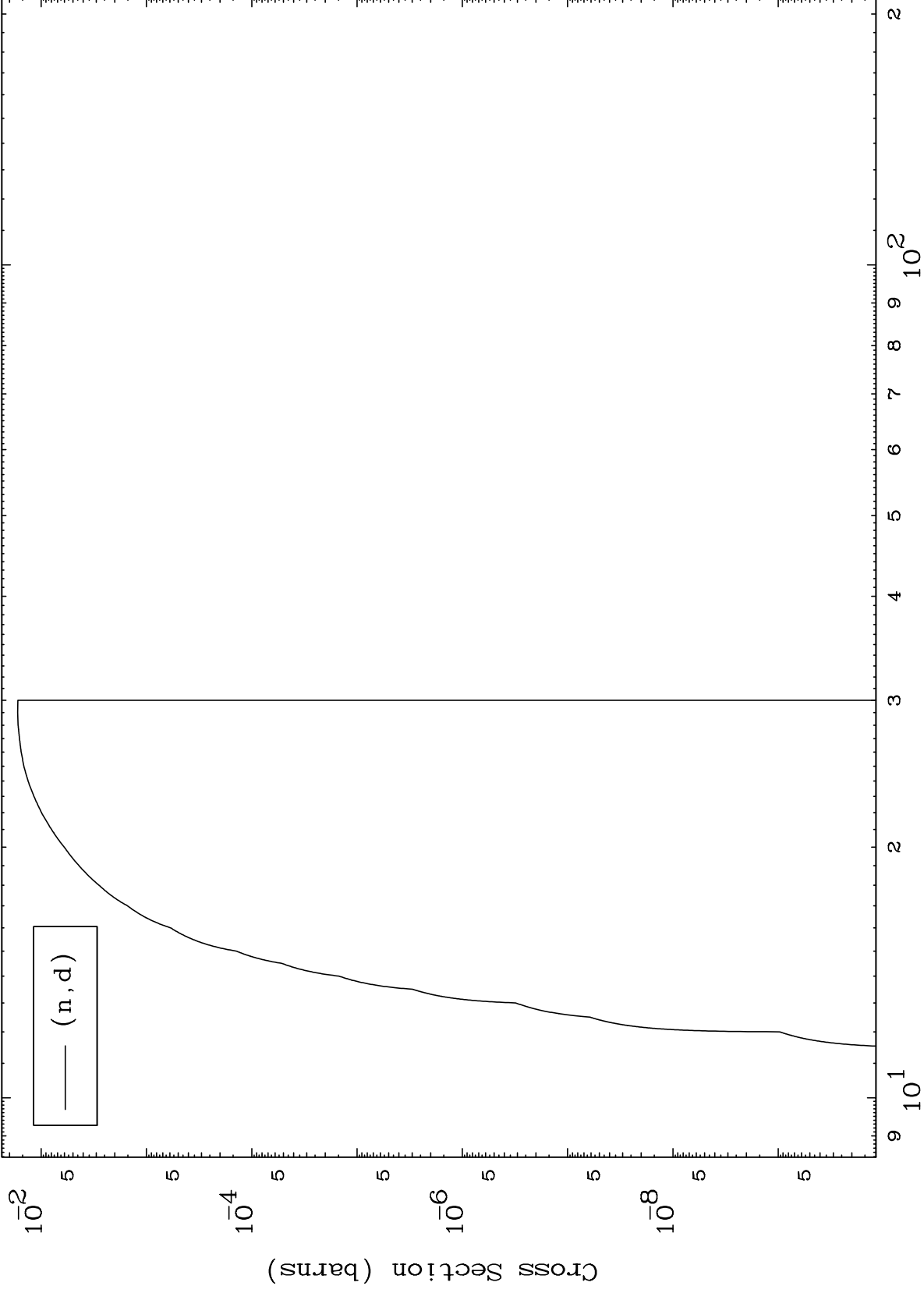
Incident Energy (MeV)

48-Cd-116

MAT 4855

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-116



11

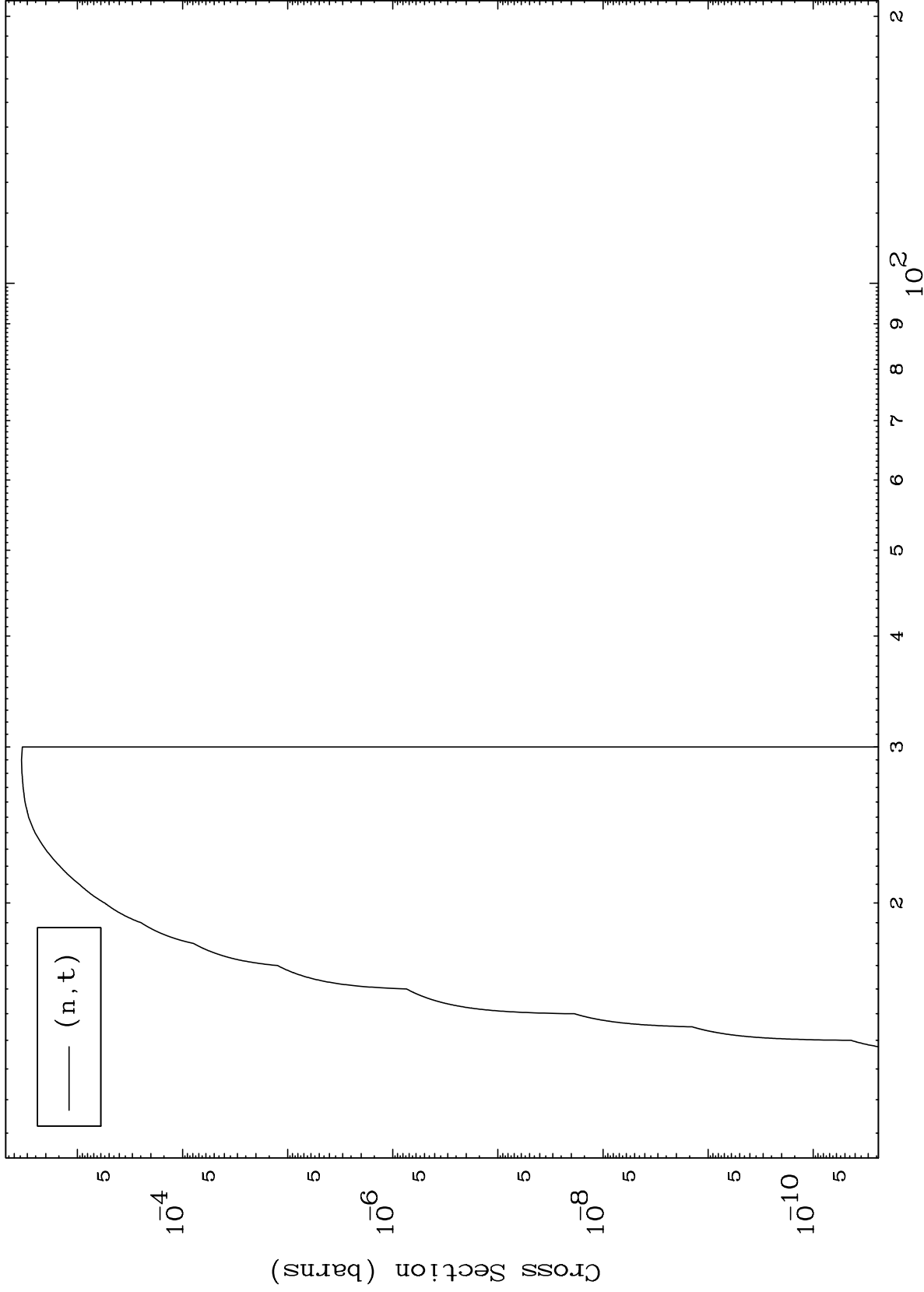
Incident Energy (MeV)

48-Cd-116

MAT 4855

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-116



12

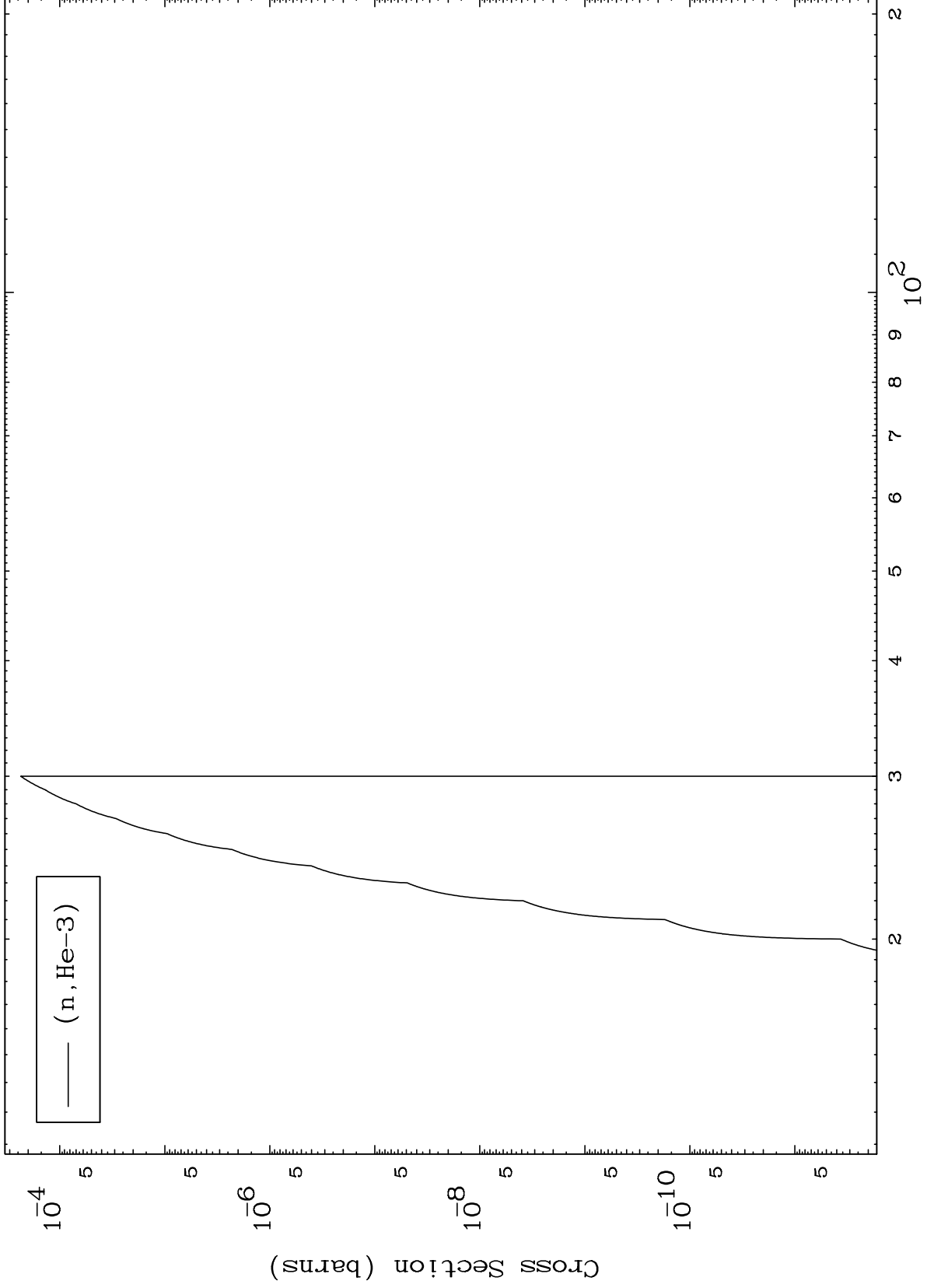
Incident Energy (MeV)

48-Cd-116

MAT 4855

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-116



13

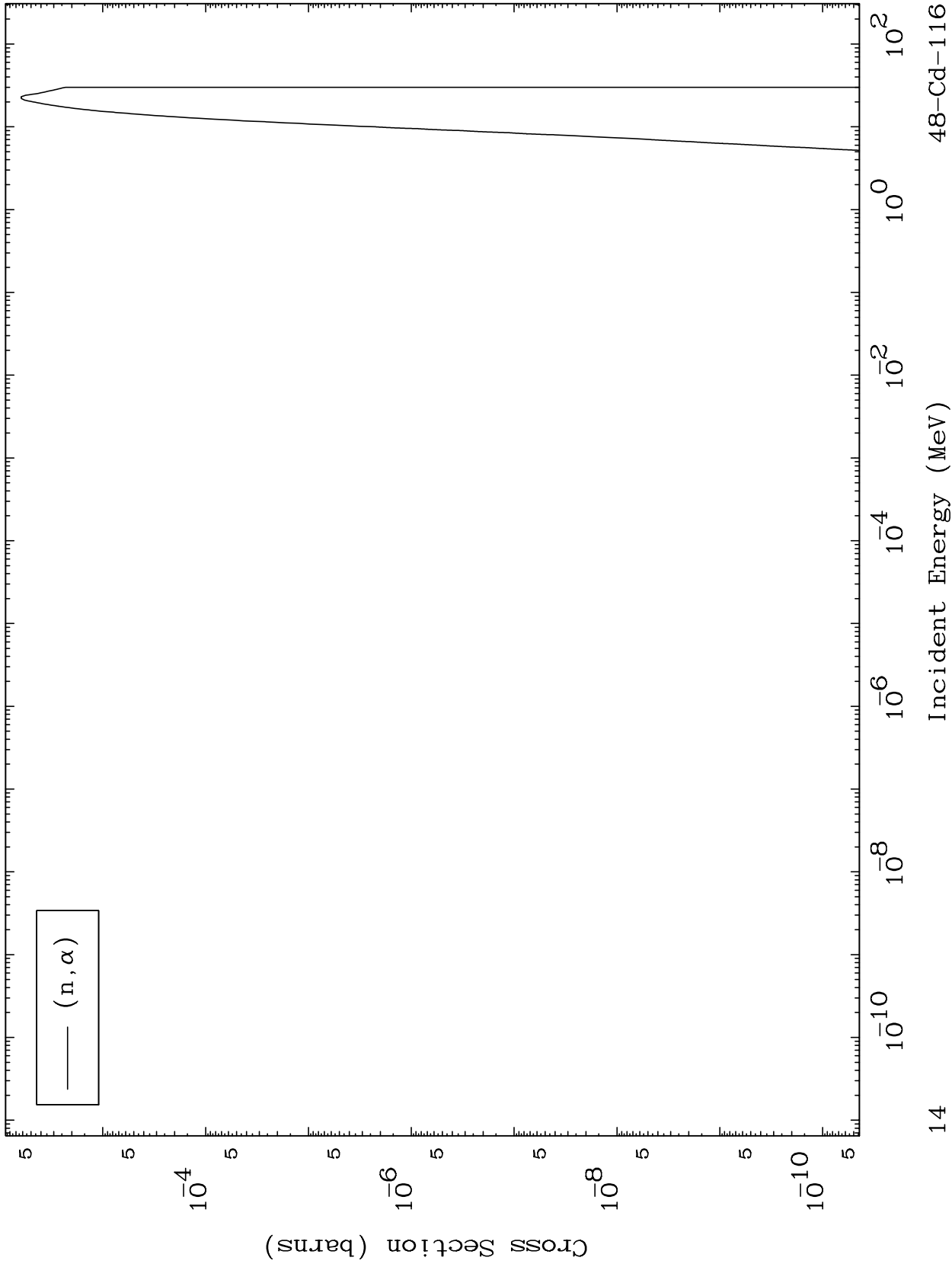
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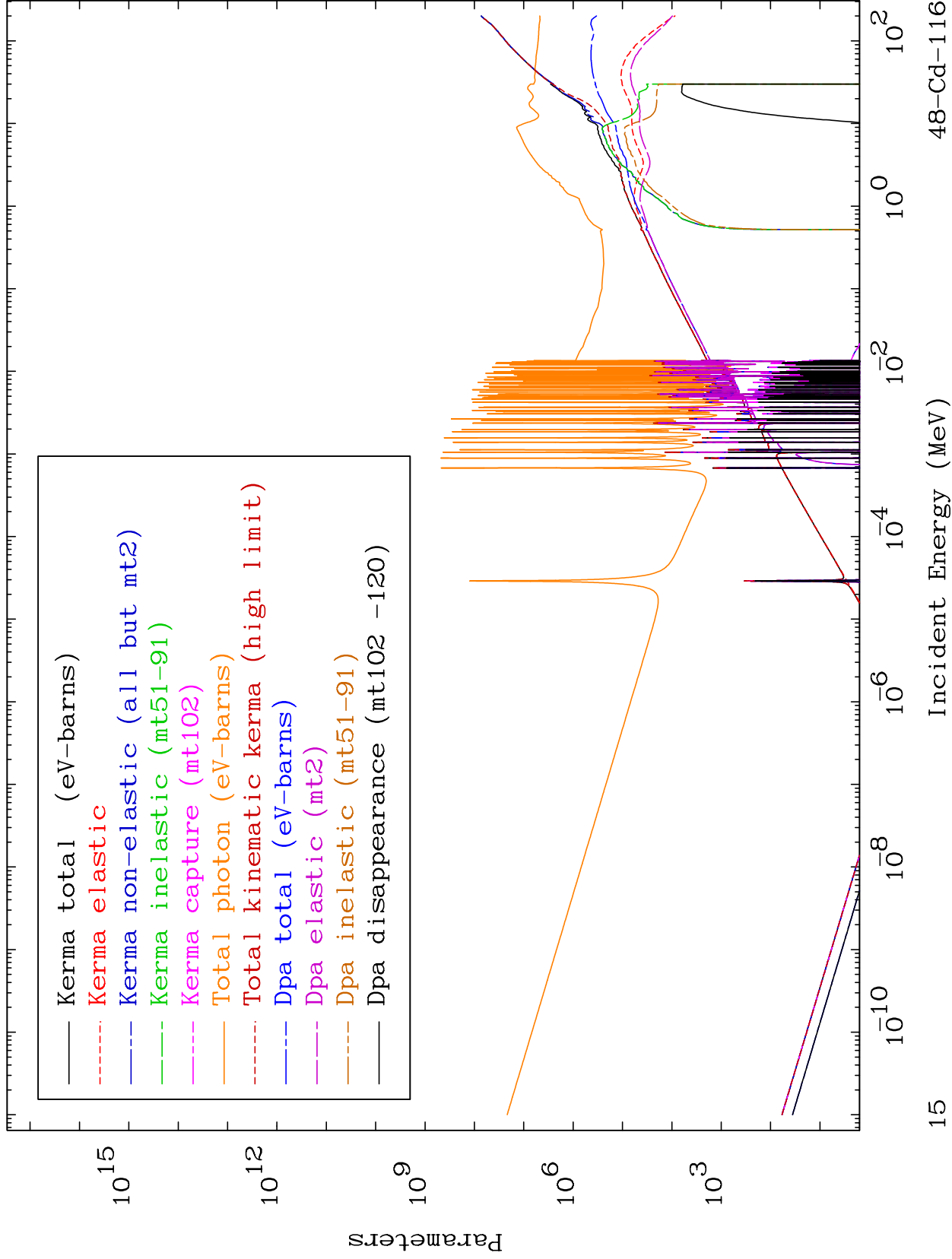
48-Cd-116

MAT 4855

(n, α) Levels
293 Kelvin Cross Sections

48-Cd-116

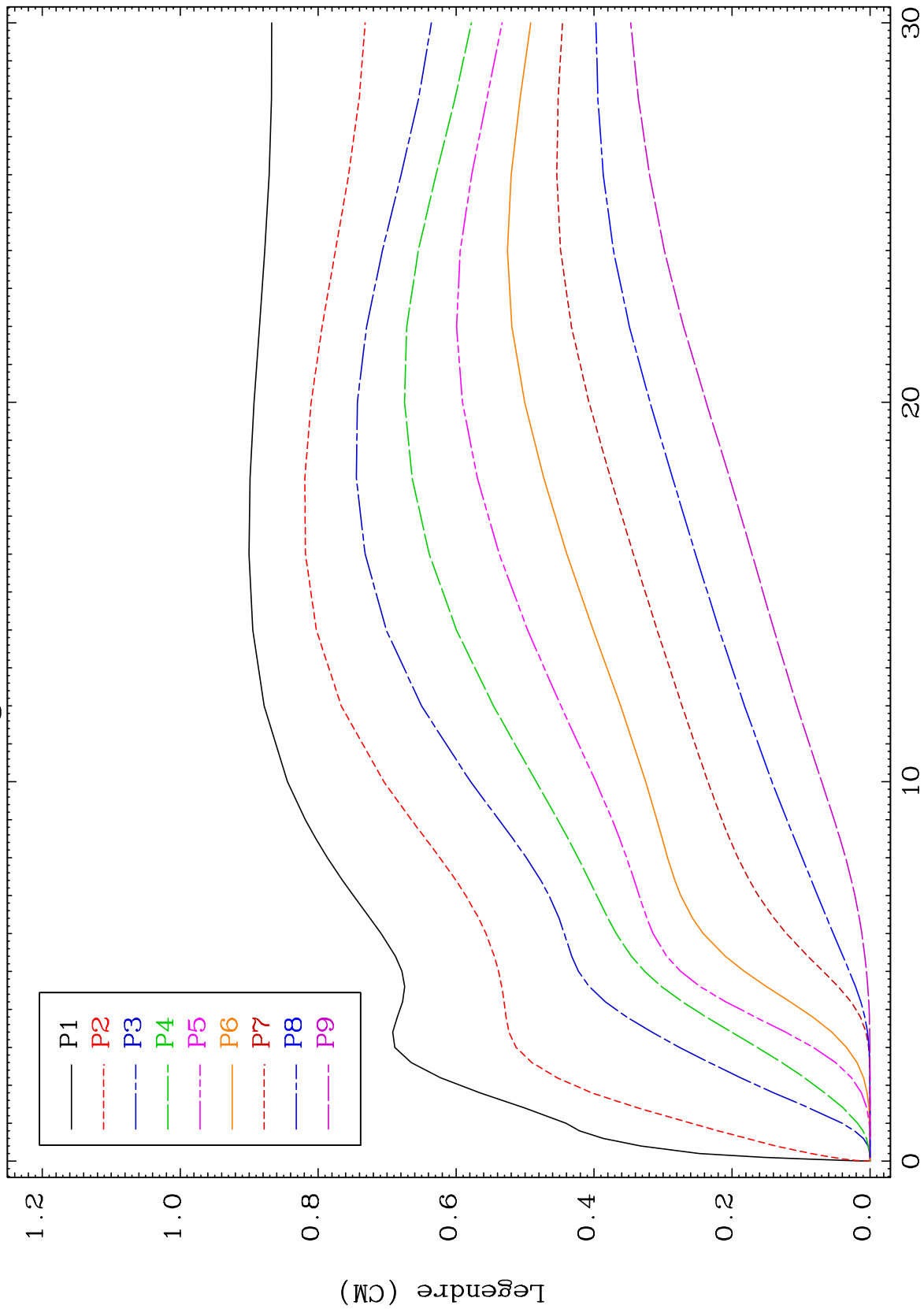




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Elastic Legendre Coefficients

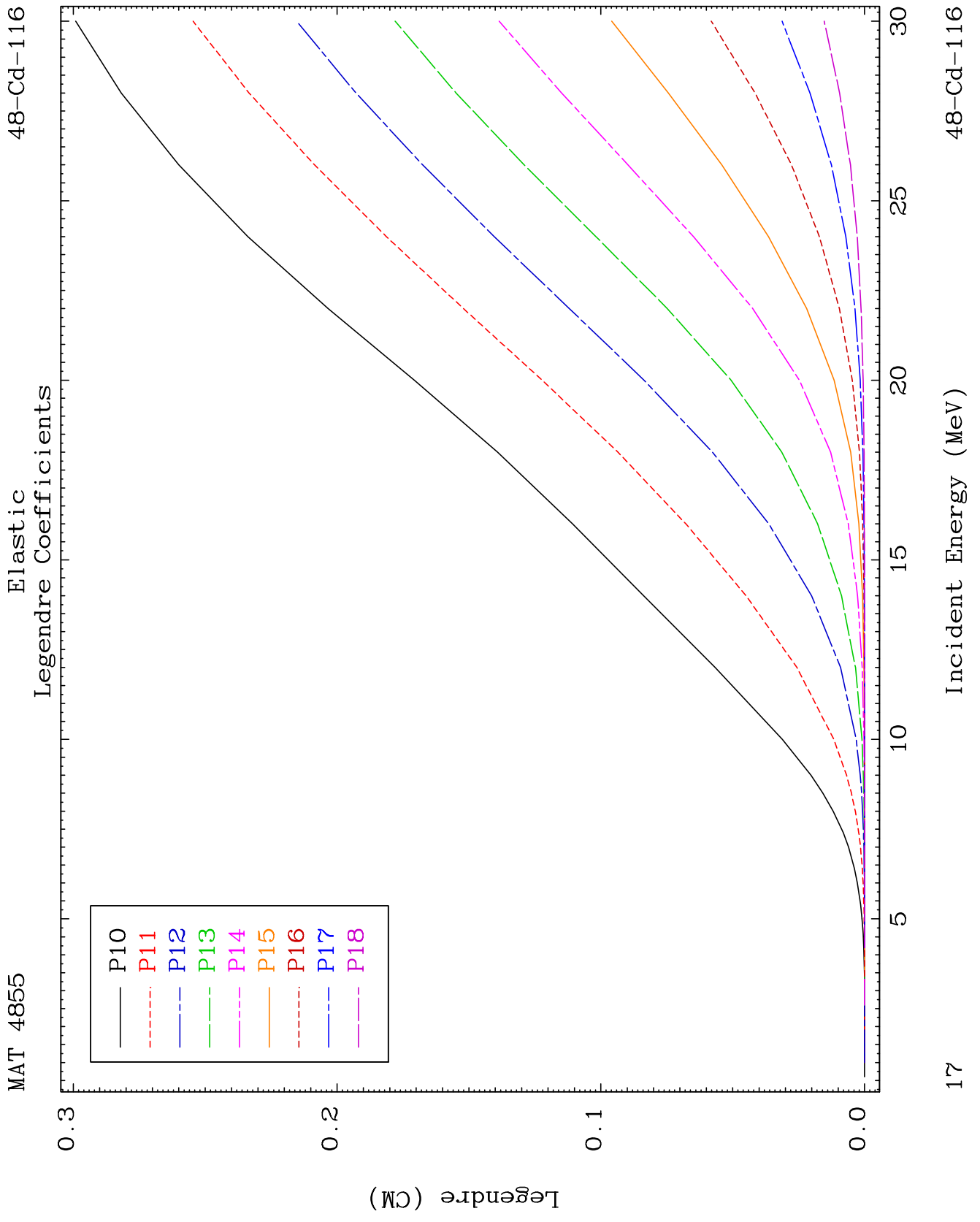
48-Cd-116



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Incident Energy (MeV)

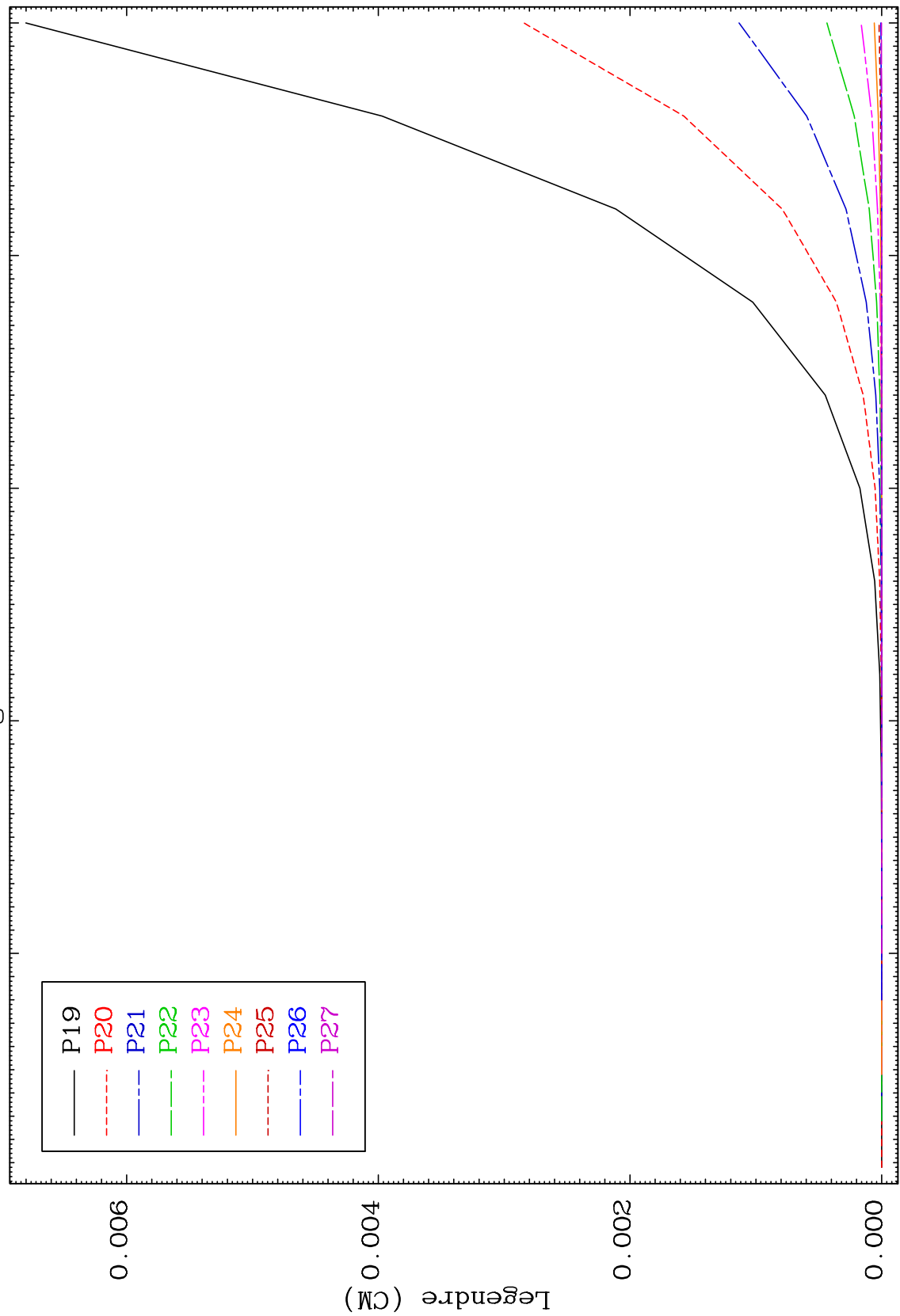
48-Cd-116



MAT 4855

Elastic Legendre Coefficients

48-Cd-116



18

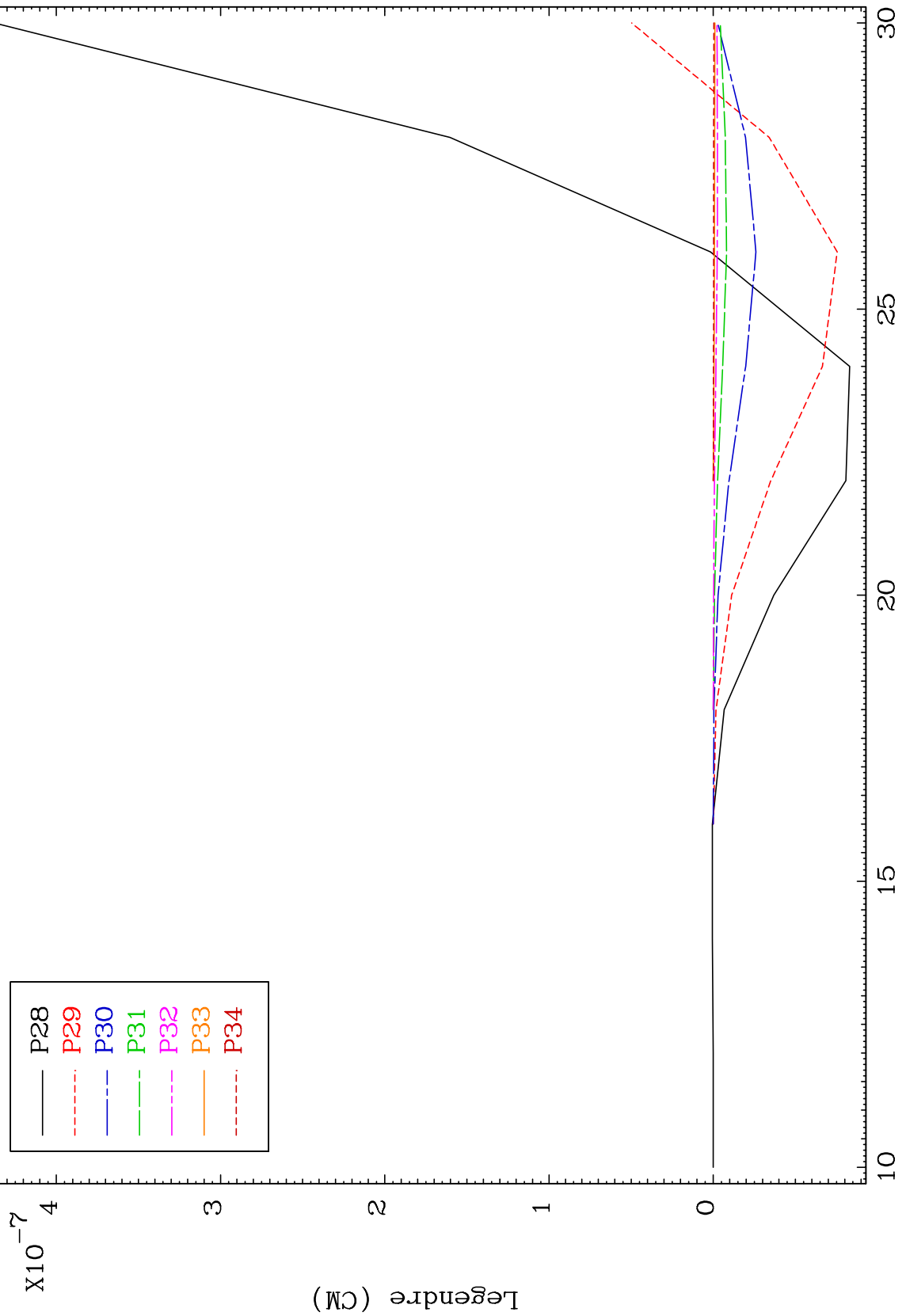
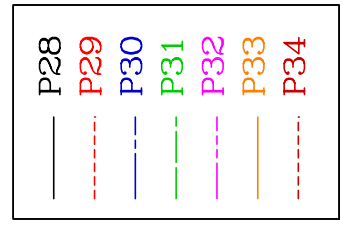
Incident Energy (MeV)

48-Cd-116

MAT 4855

Elastic
Legendre Coefficients

48-Cd-116



10

15

20

25

30

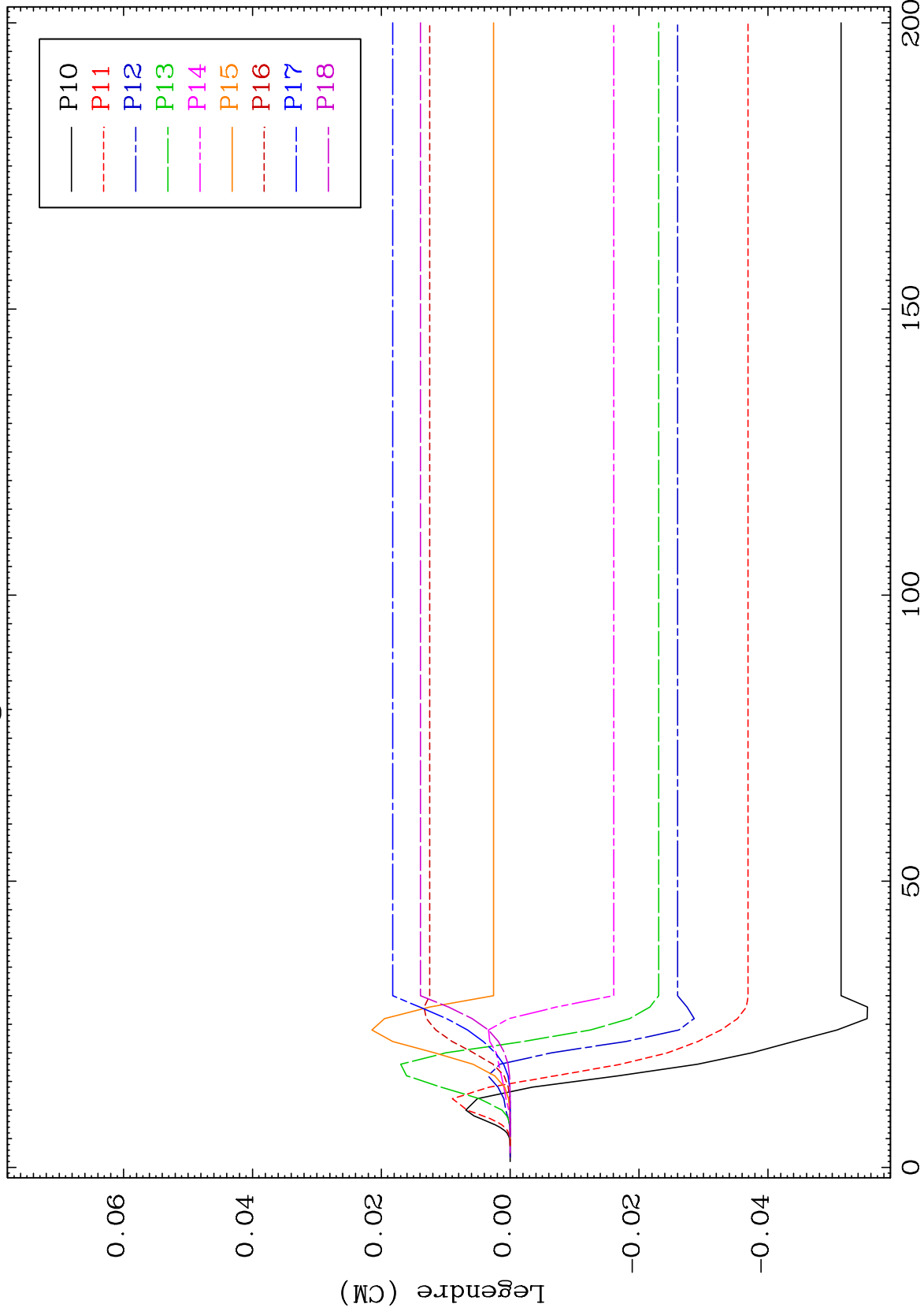
Incident Energy (MeV)

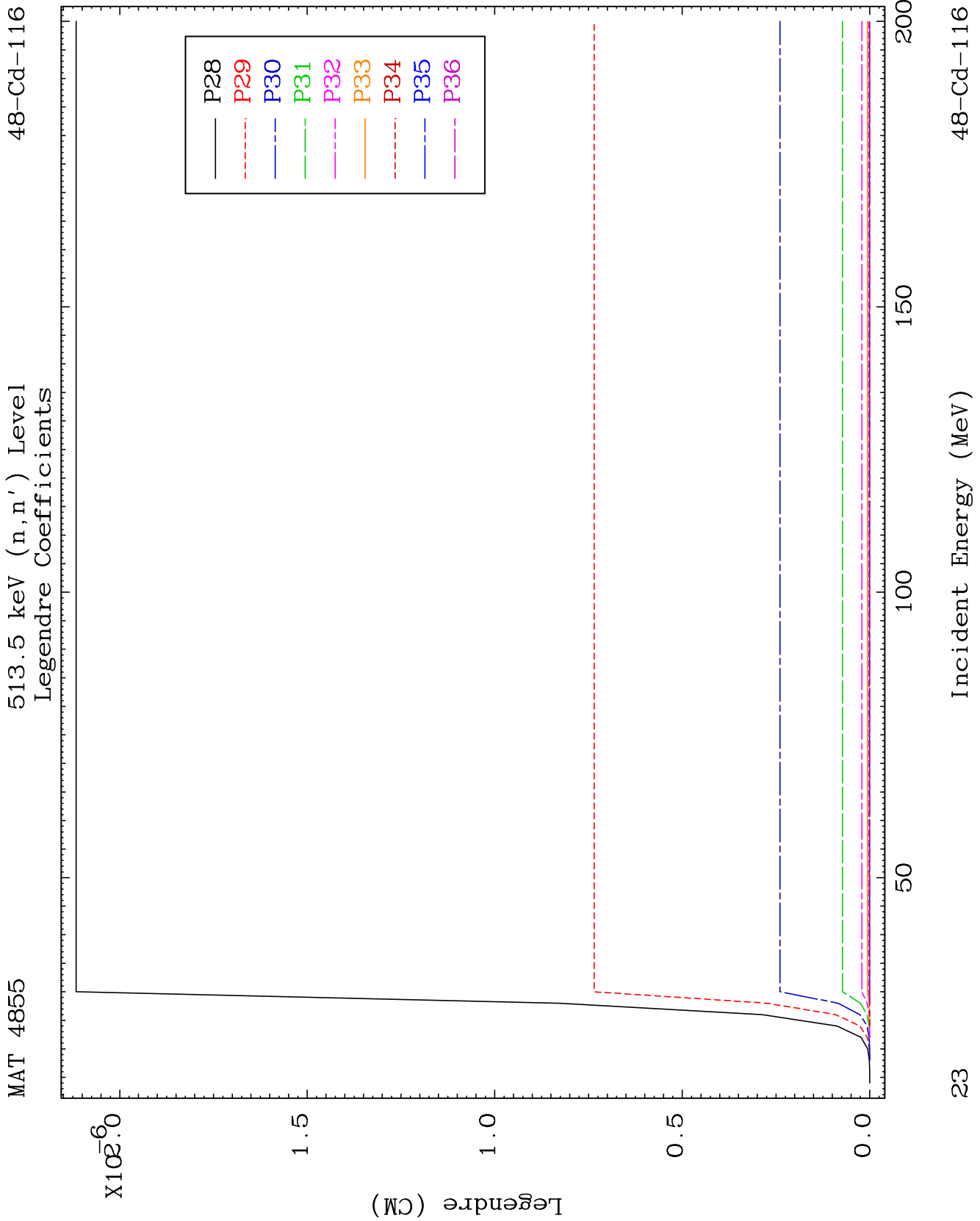
48-Cd-116

MAT 4855

513.5 keV (n,n') Level
Legendre Coefficients

48-Cd-116

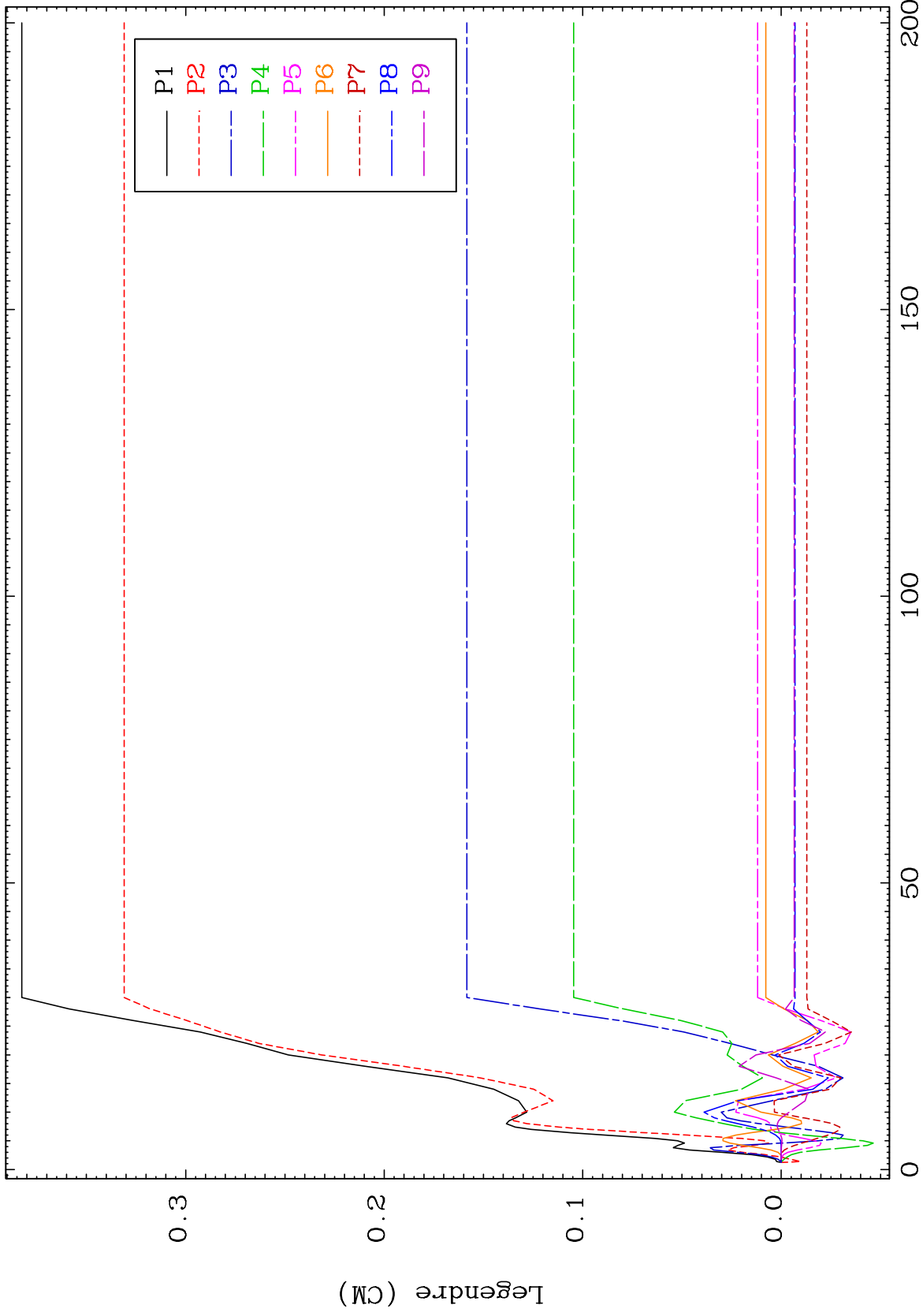




MAT 4855

1.213 MeV (n,n') Level
Legendre Coefficients

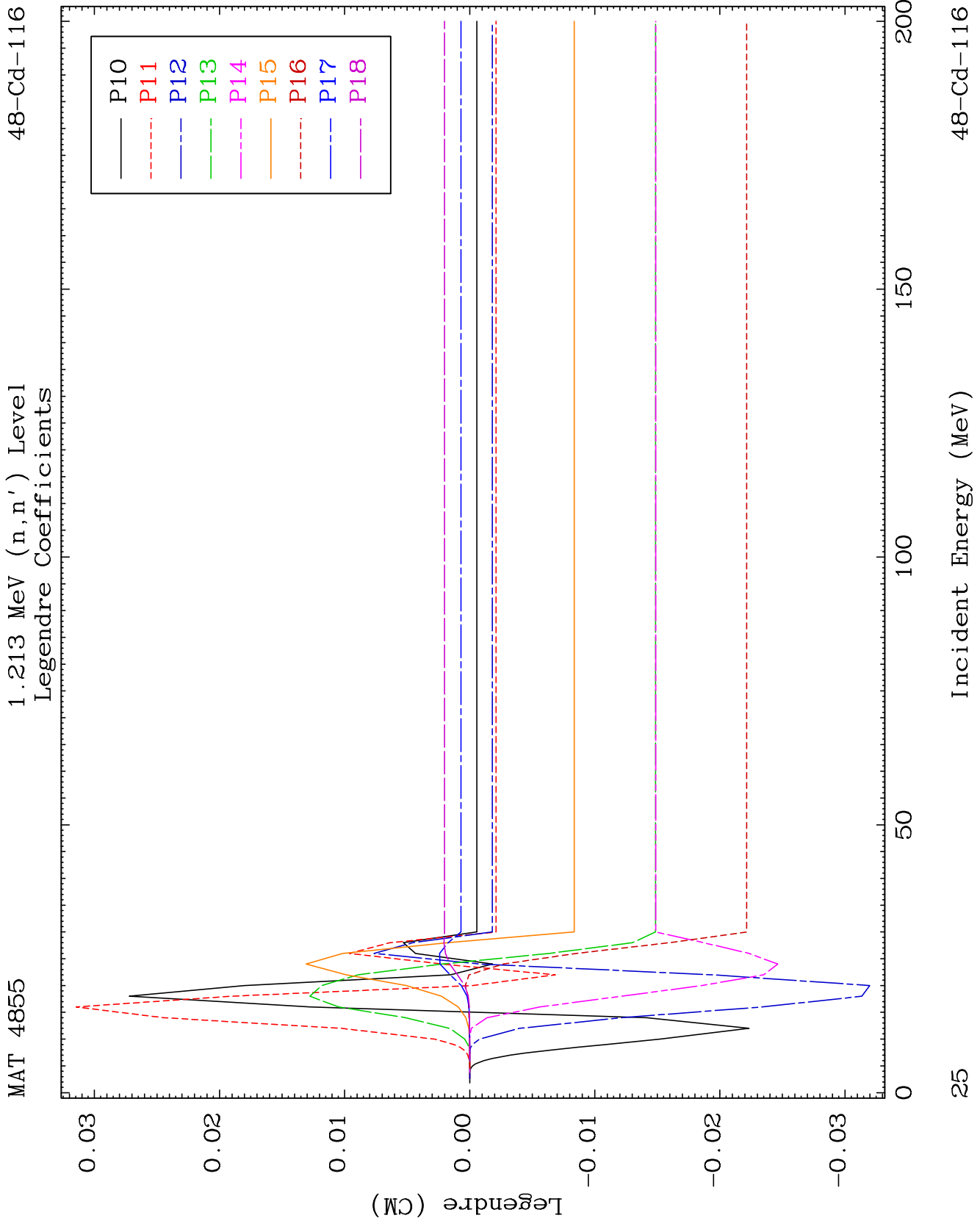
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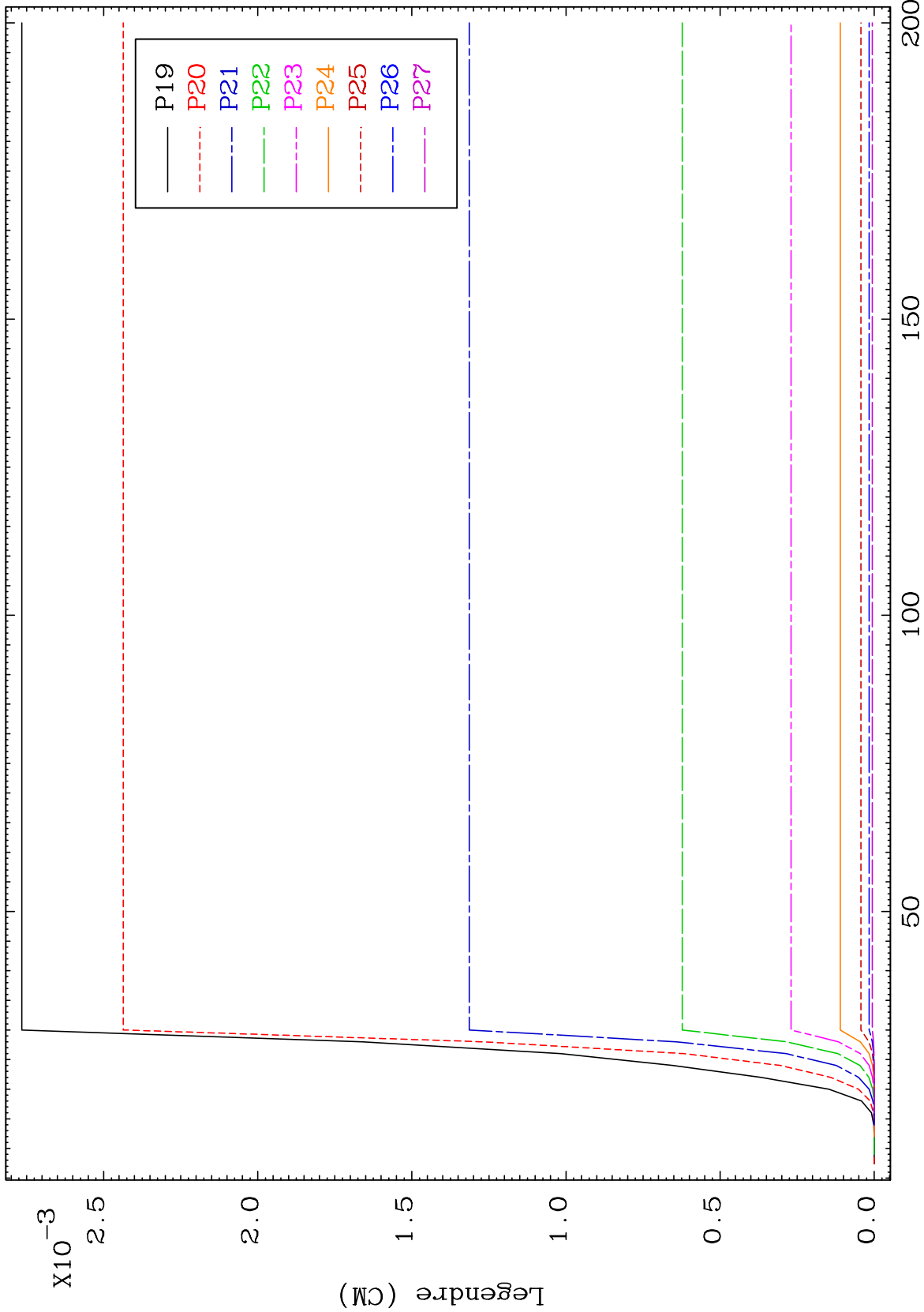


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Incident Energy (MeV)

48-Cd-116

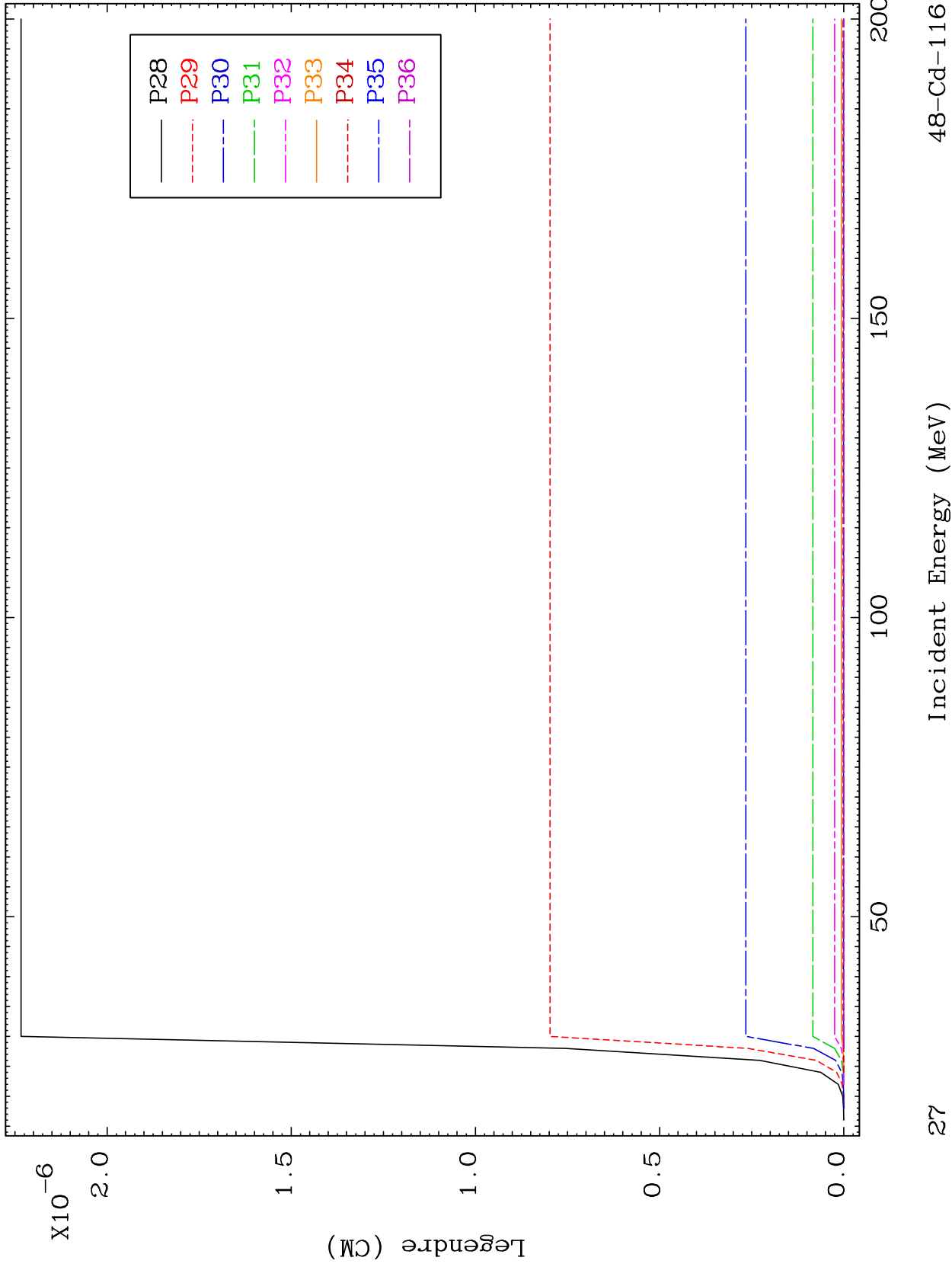




MAT 4855

1.213 MeV (n,n') Level
Legendre Coefficients

48-Cd-116



27

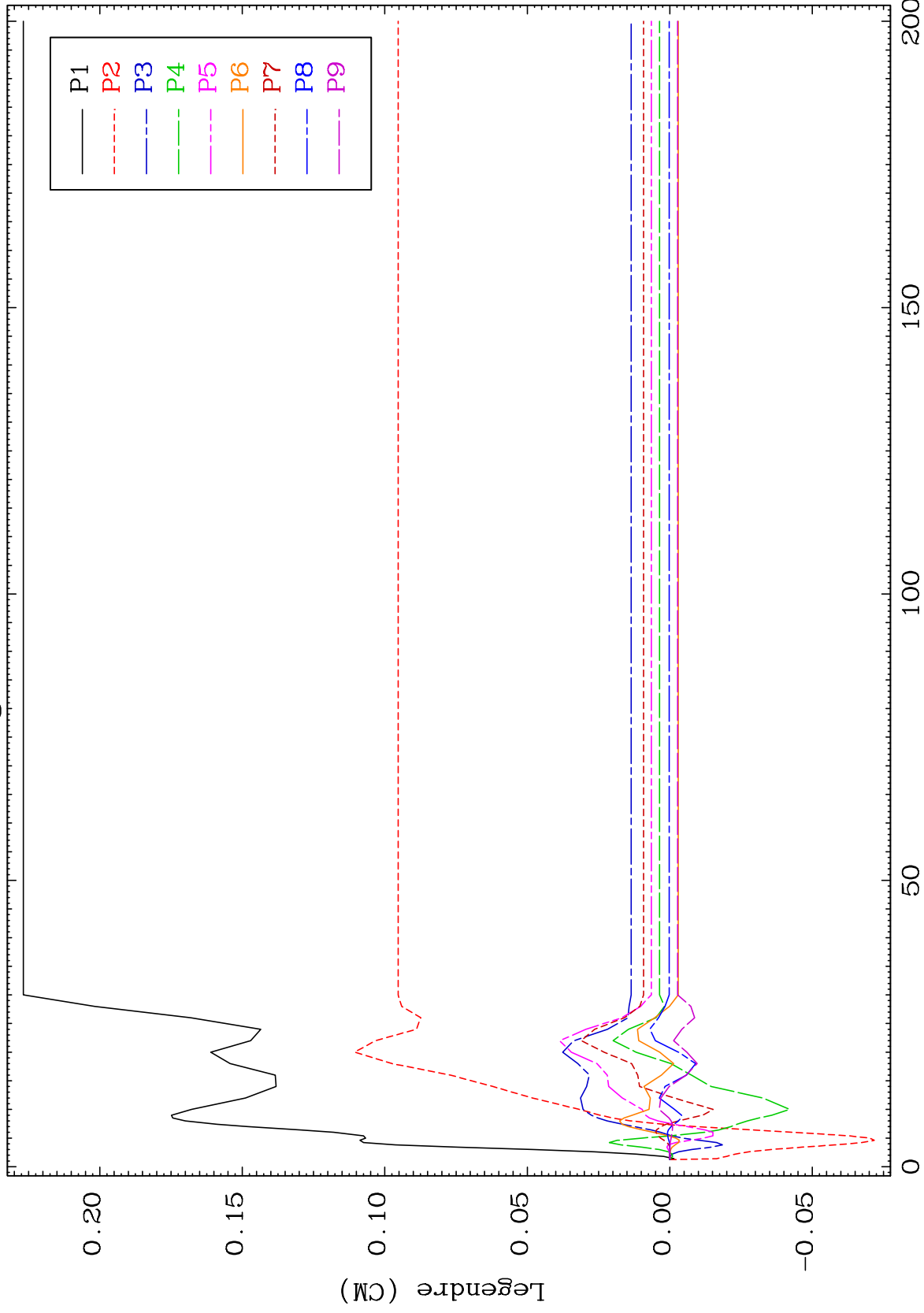
Incident Energy (MeV)

48-Cd-116

MAT 4855

1.219 MeV (n,n') Level
Legendre Coefficients

48-Cd-116



28

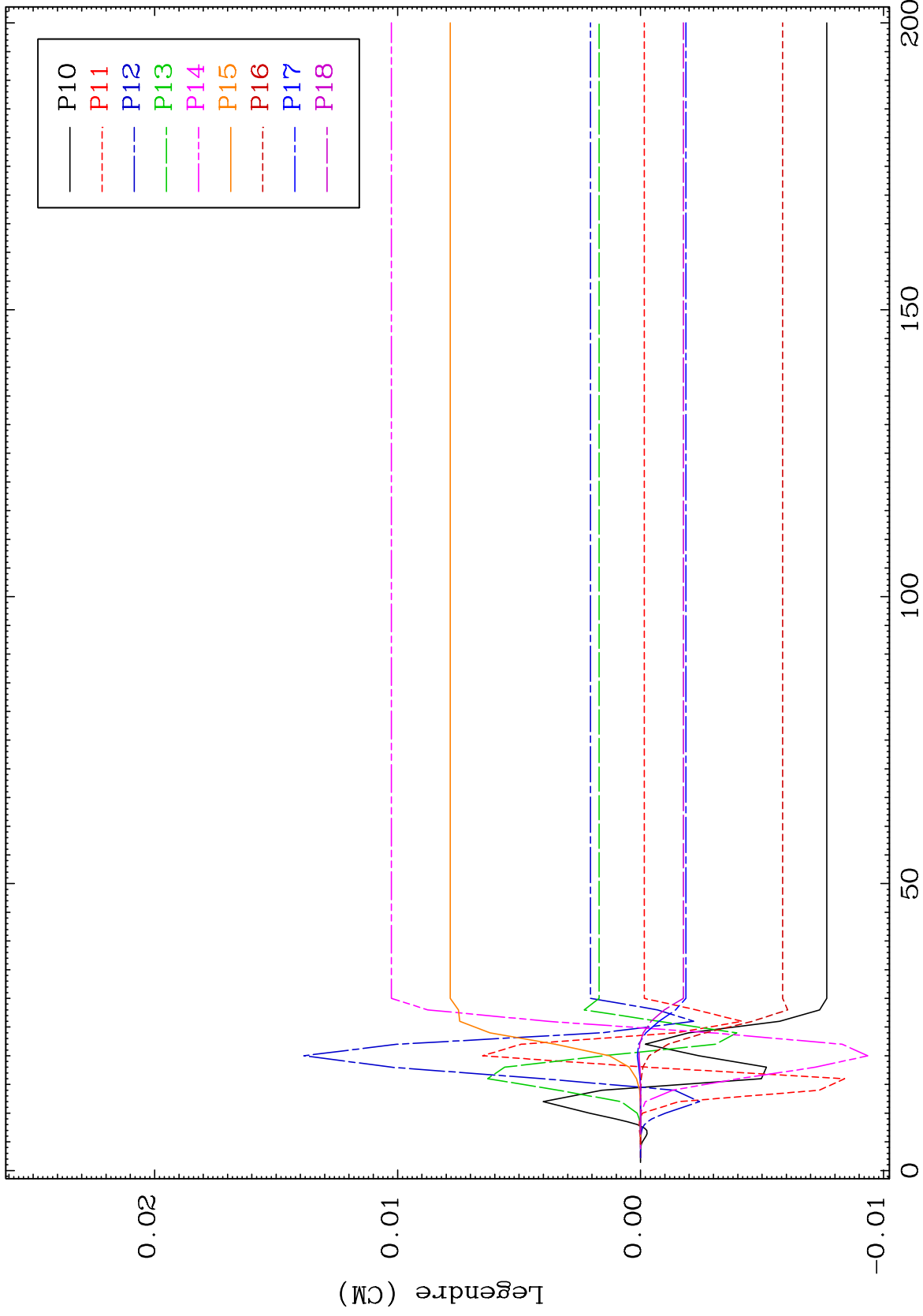
Incident Energy (MeV)

48-Cd-116

MAT 4855

1.219 MeV (n,n') Level
Legendre Coefficients

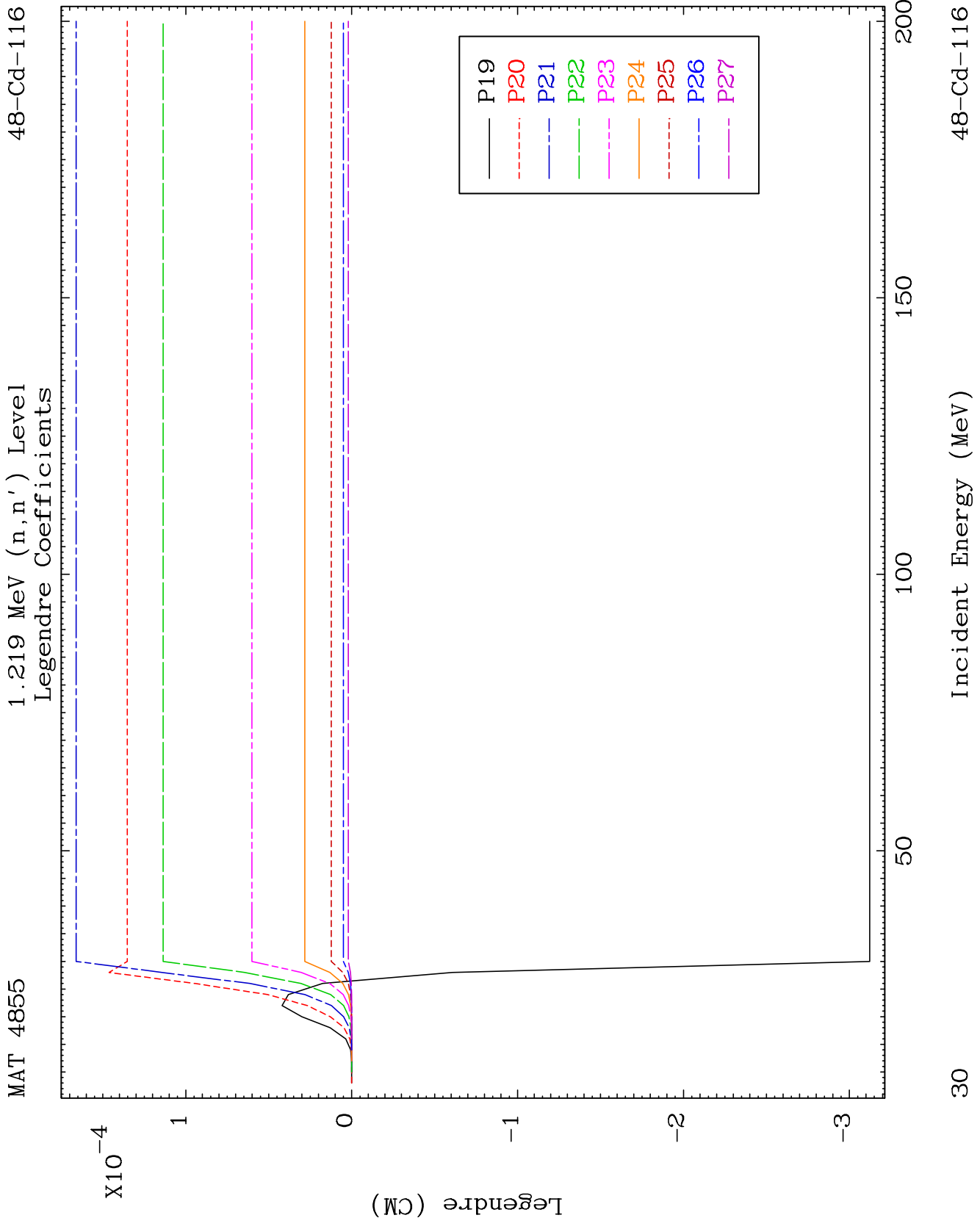
48-Cd-116



29

Incident Energy (MeV)

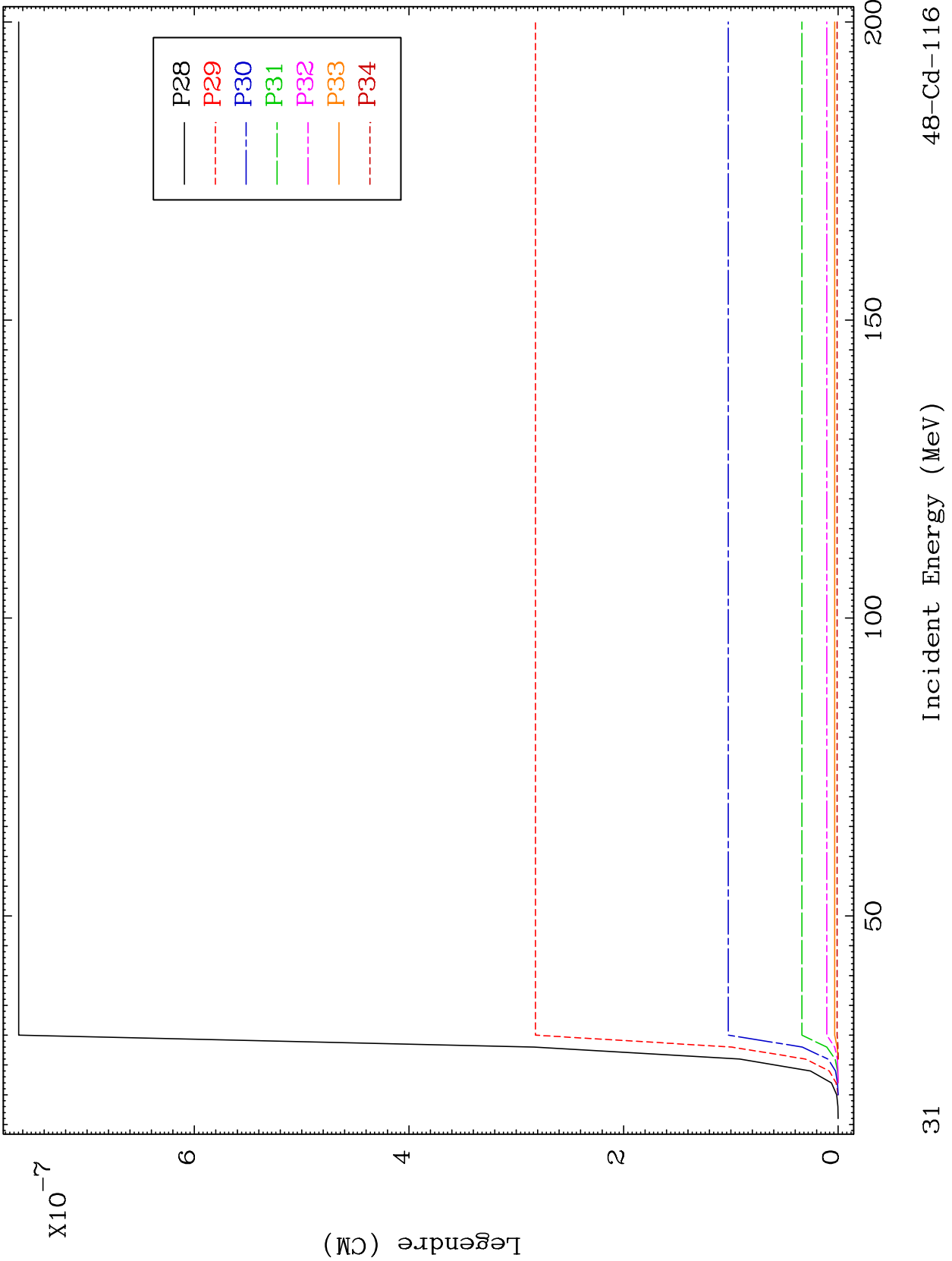
48-Cd-116



MAT 4855

1.219 MeV (n, n') Level
Legendre Coefficients

48-Cd-116



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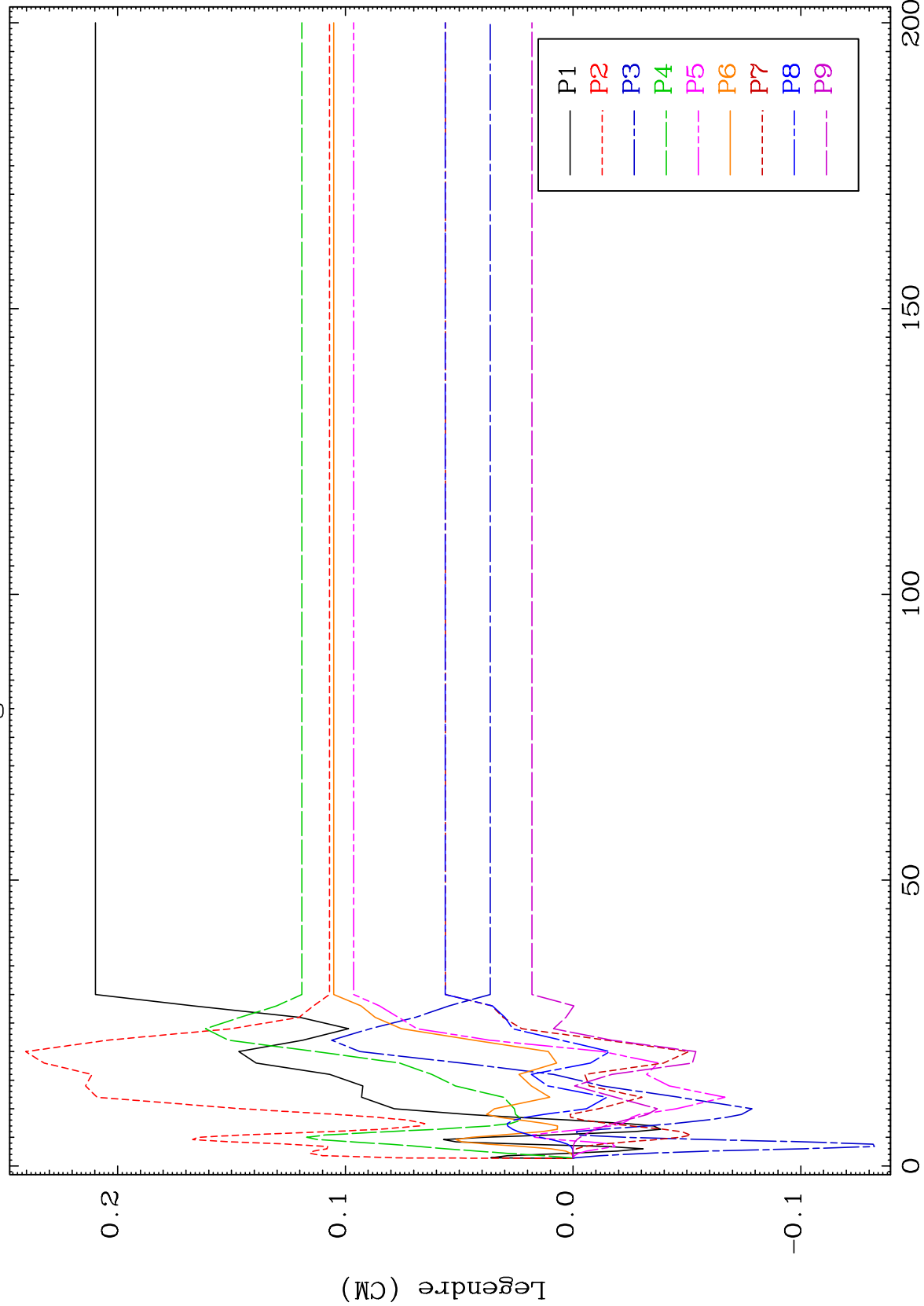
Incident Energy (MeV)

48-Cd-116

MAT 4855

1.283 MeV (n,n') Level
Legendre Coefficients

48-Cd-116



Incident Energy (MeV)

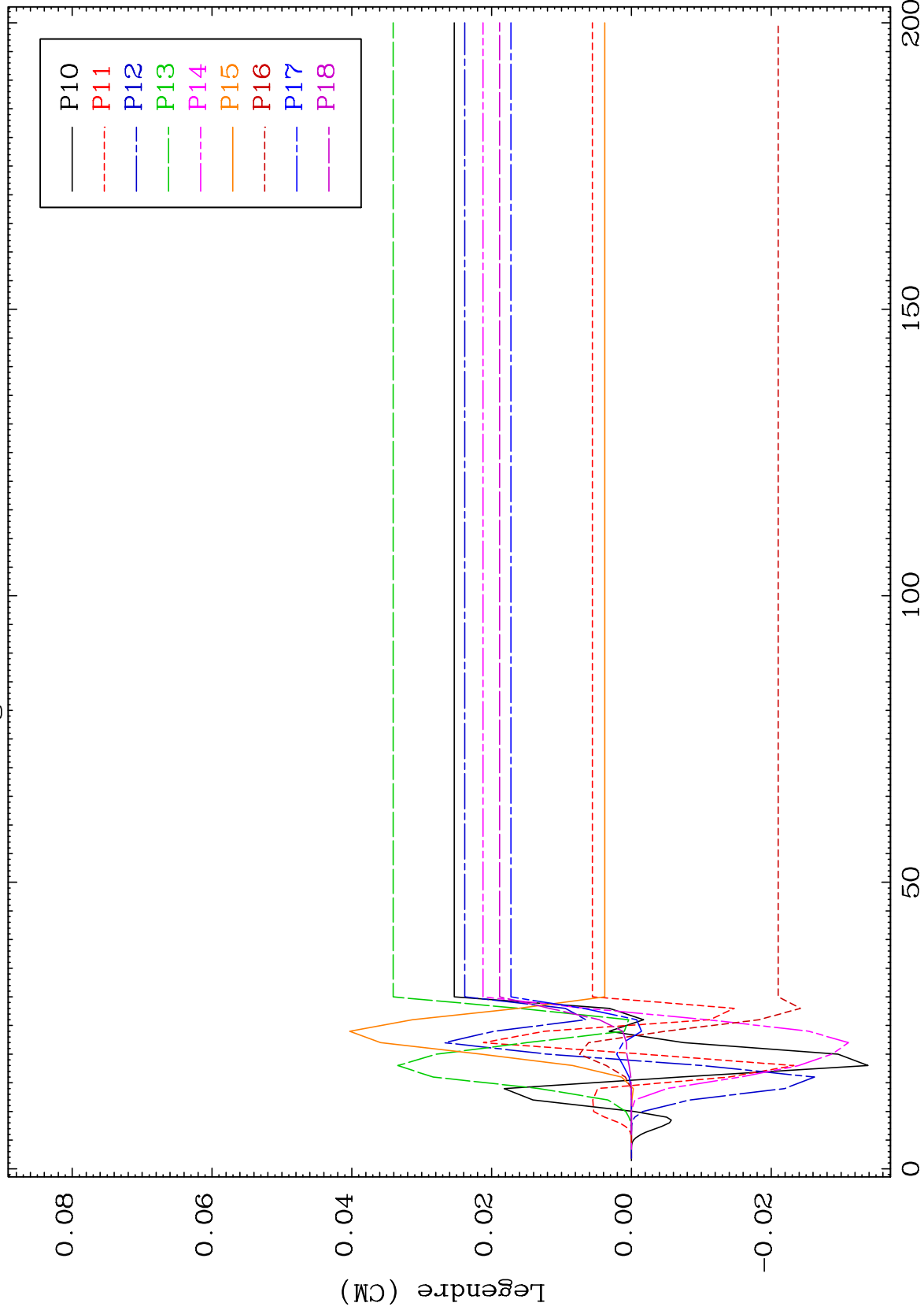
48-Cd-116

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MAT 4855

1.283 MeV (n,n') Level
Legendre Coefficients

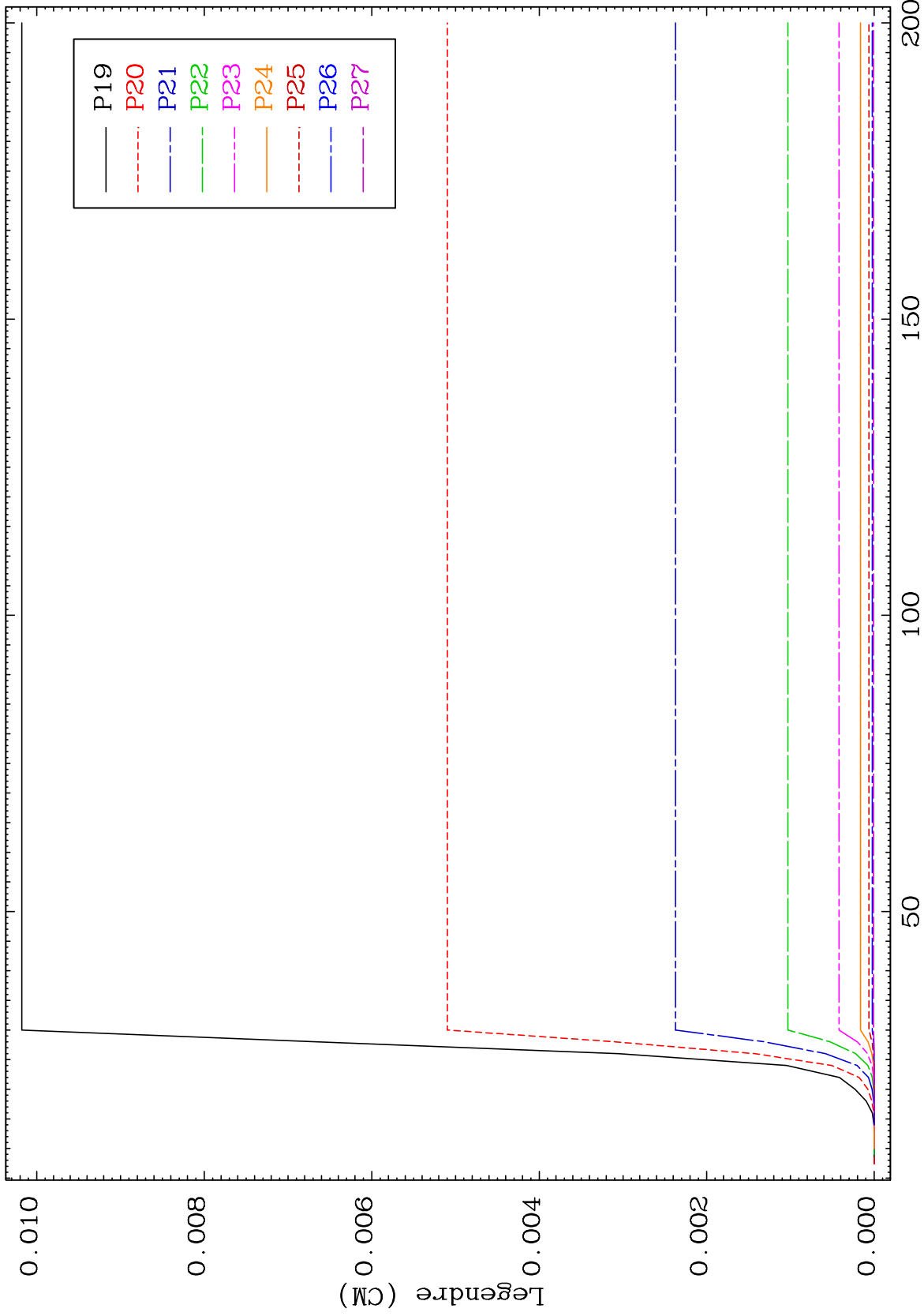
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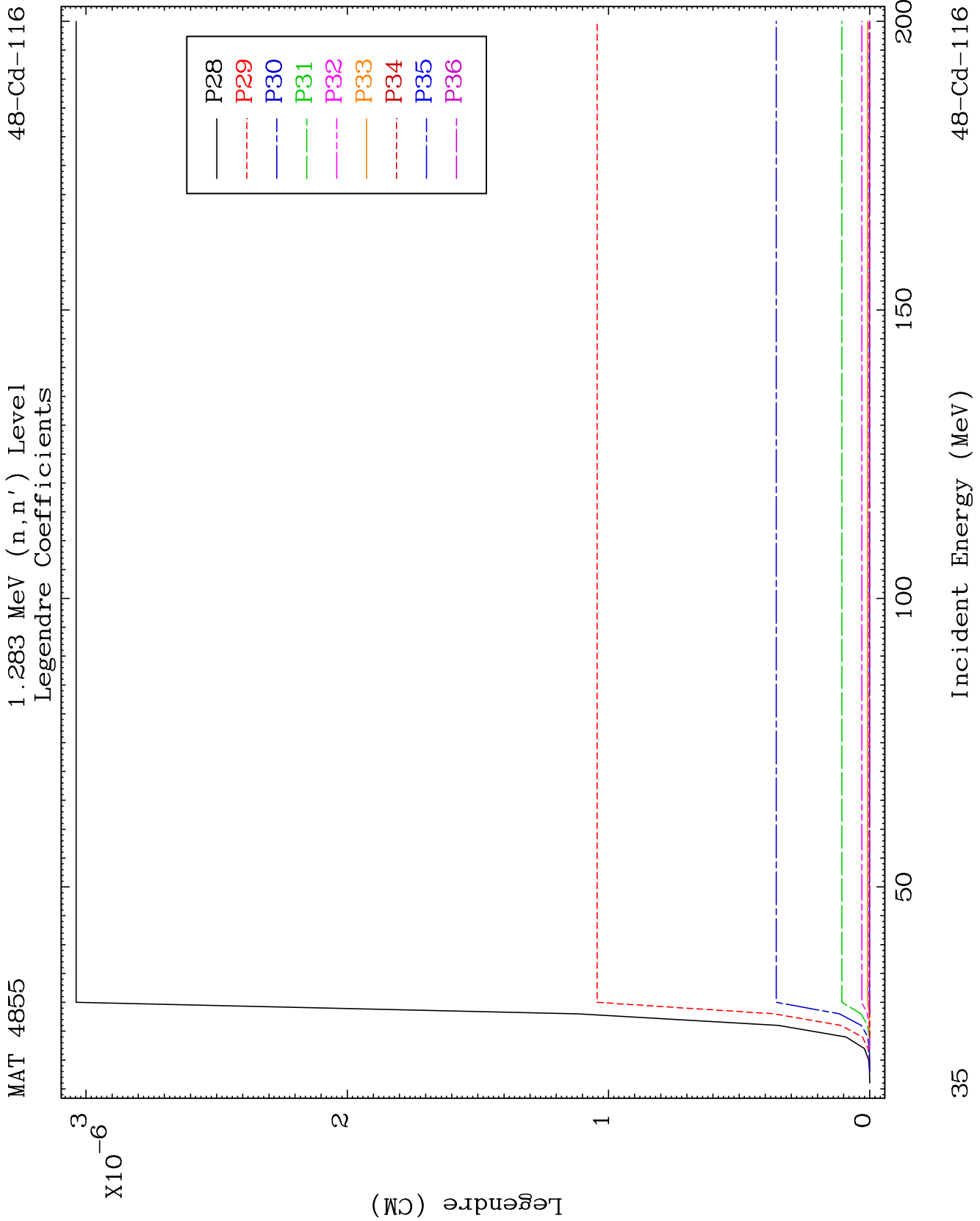


33

Incident Energy (MeV)

48-Cd-116

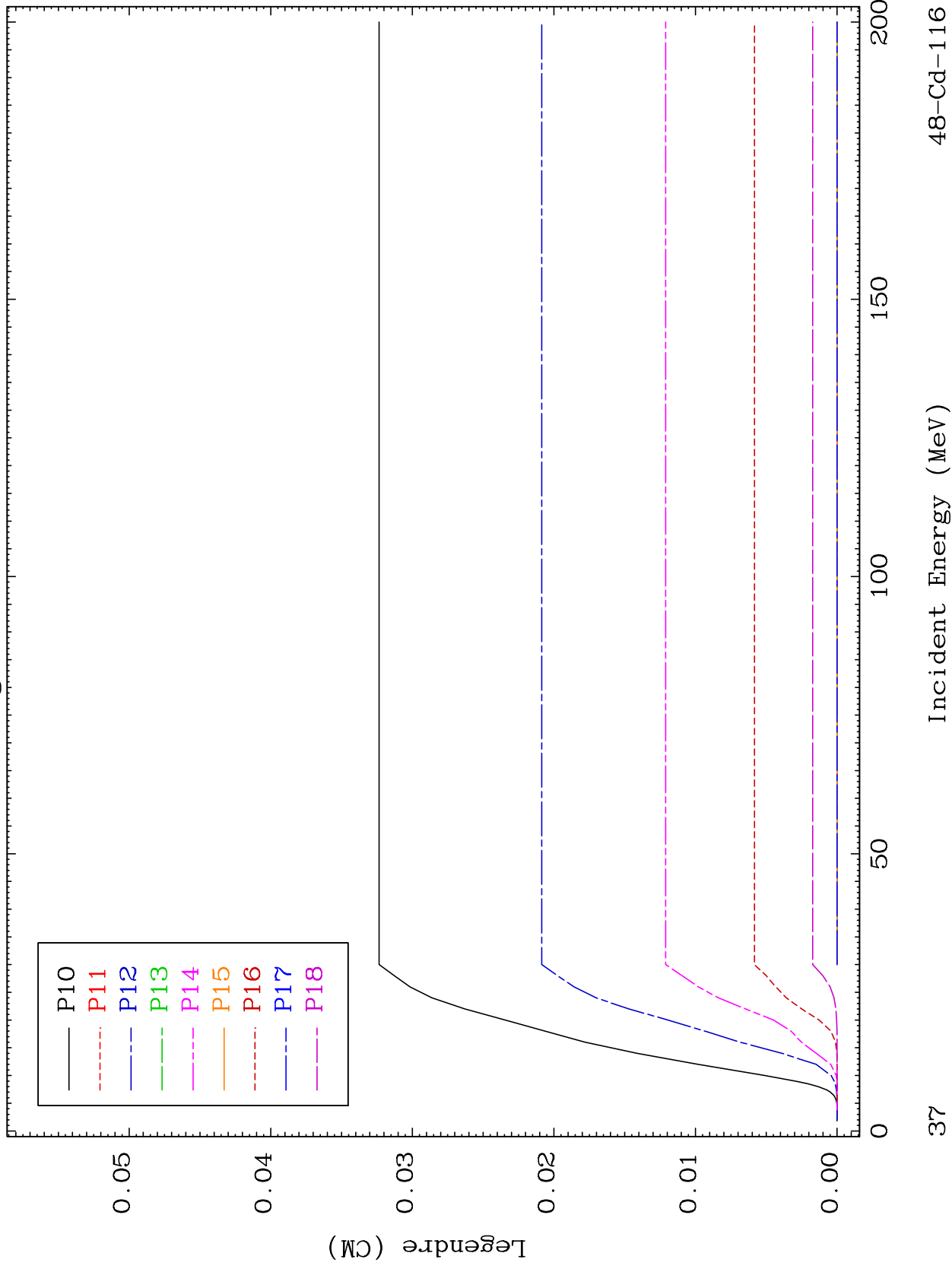




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1.380 MeV (n,n') Level
Legendre Coefficients

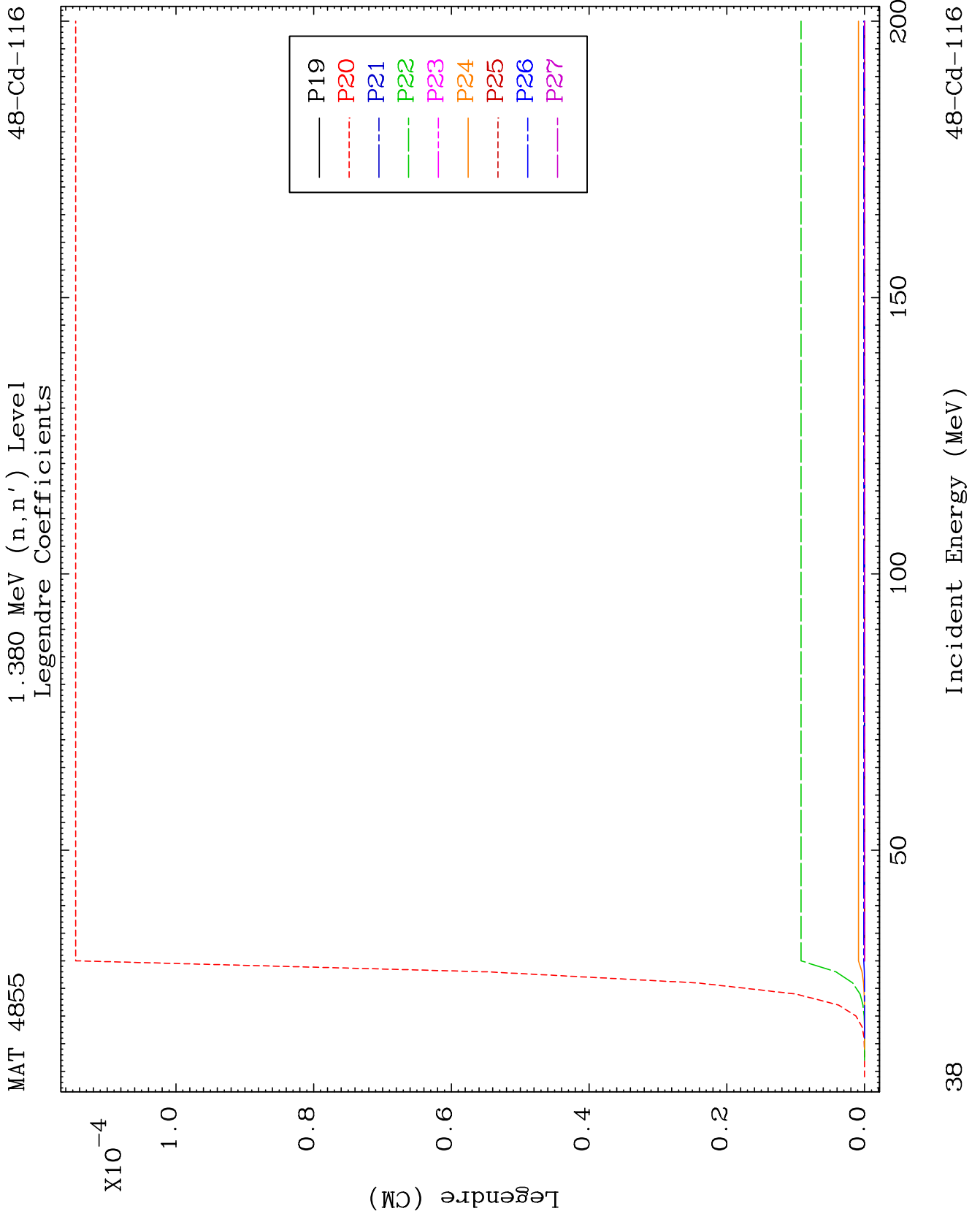
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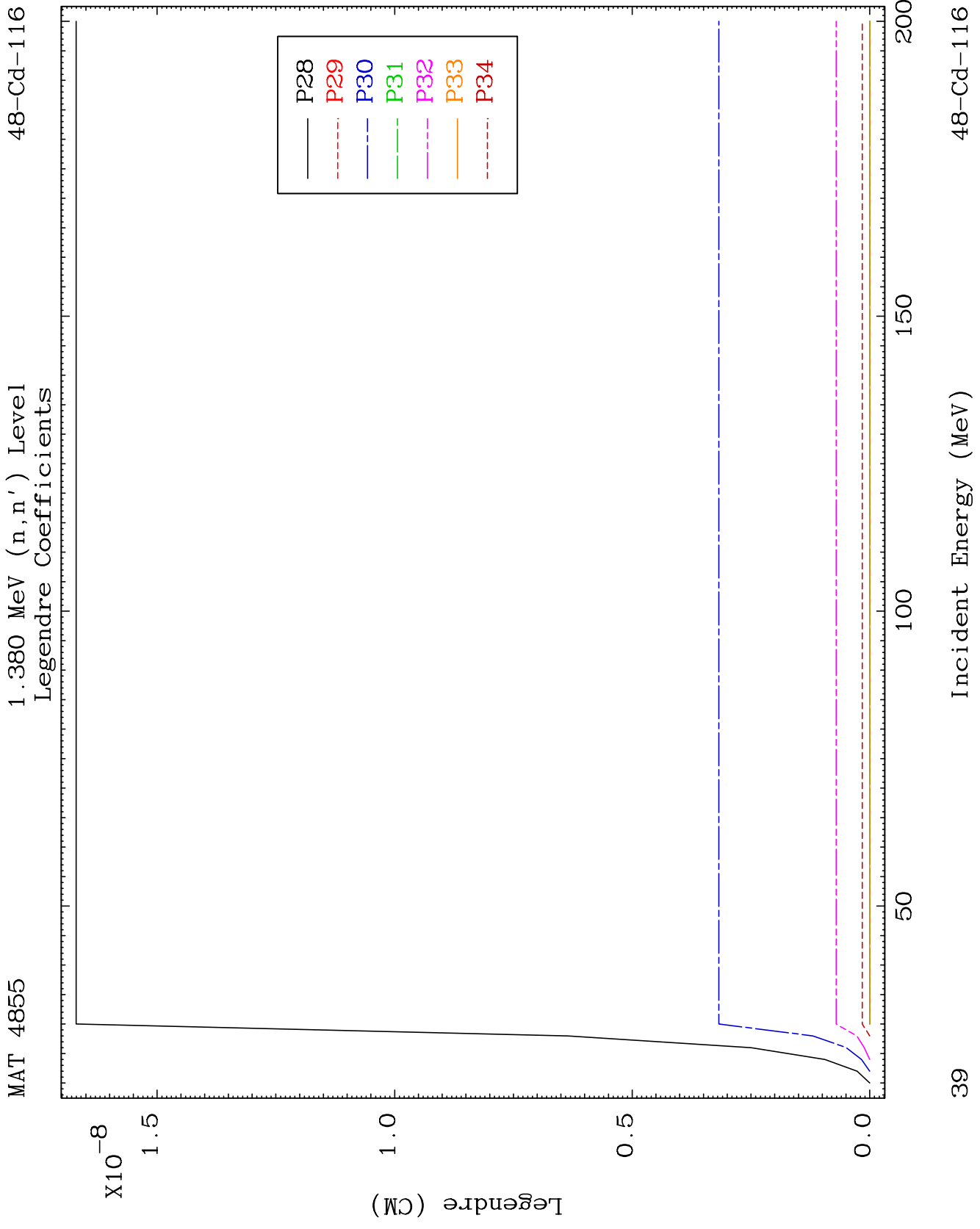


37

Incident Energy (MeV)

48-Cd-116

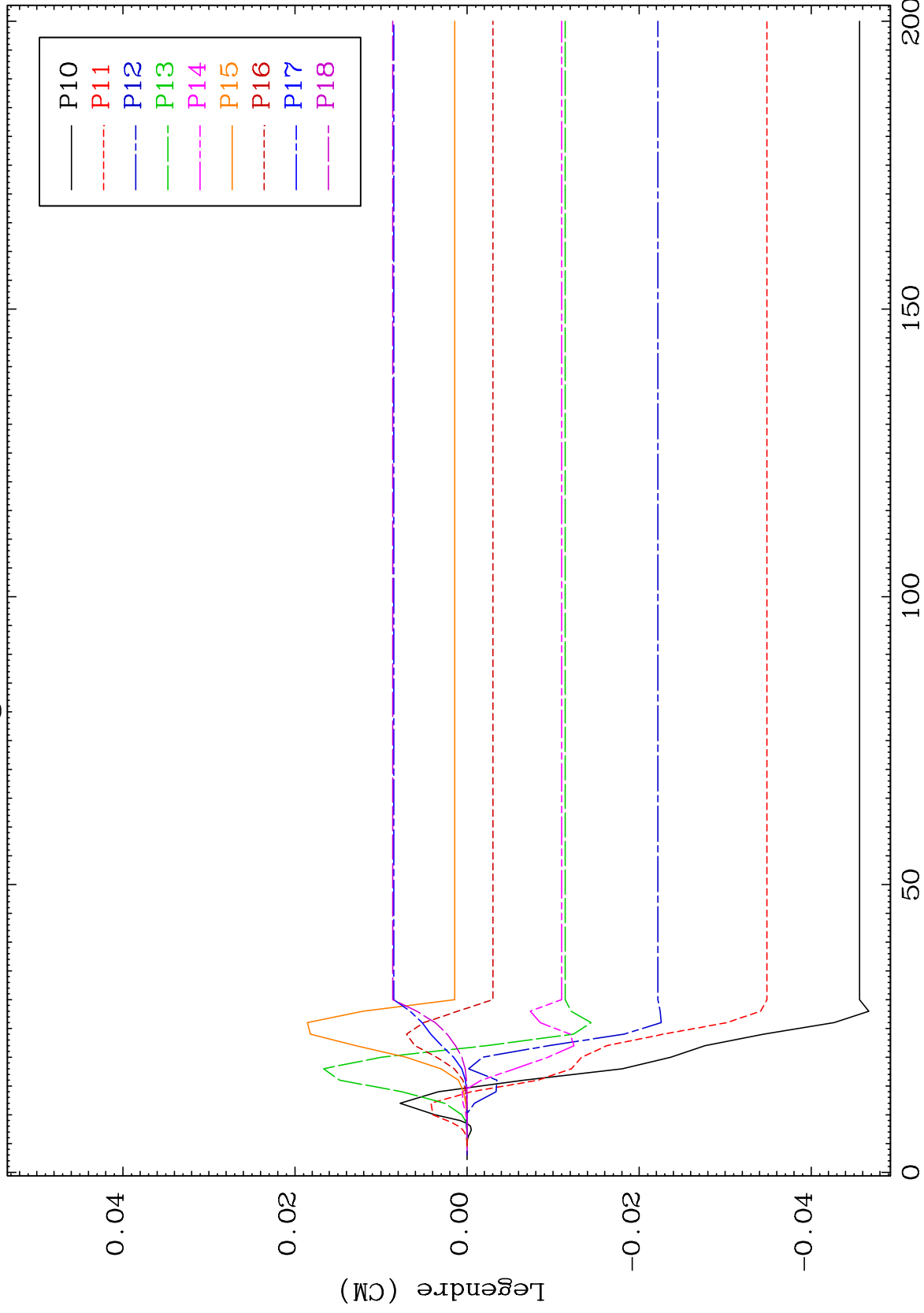




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1.642 MeV (n,n') Level
Legendre Coefficients

48-Cd-116



41

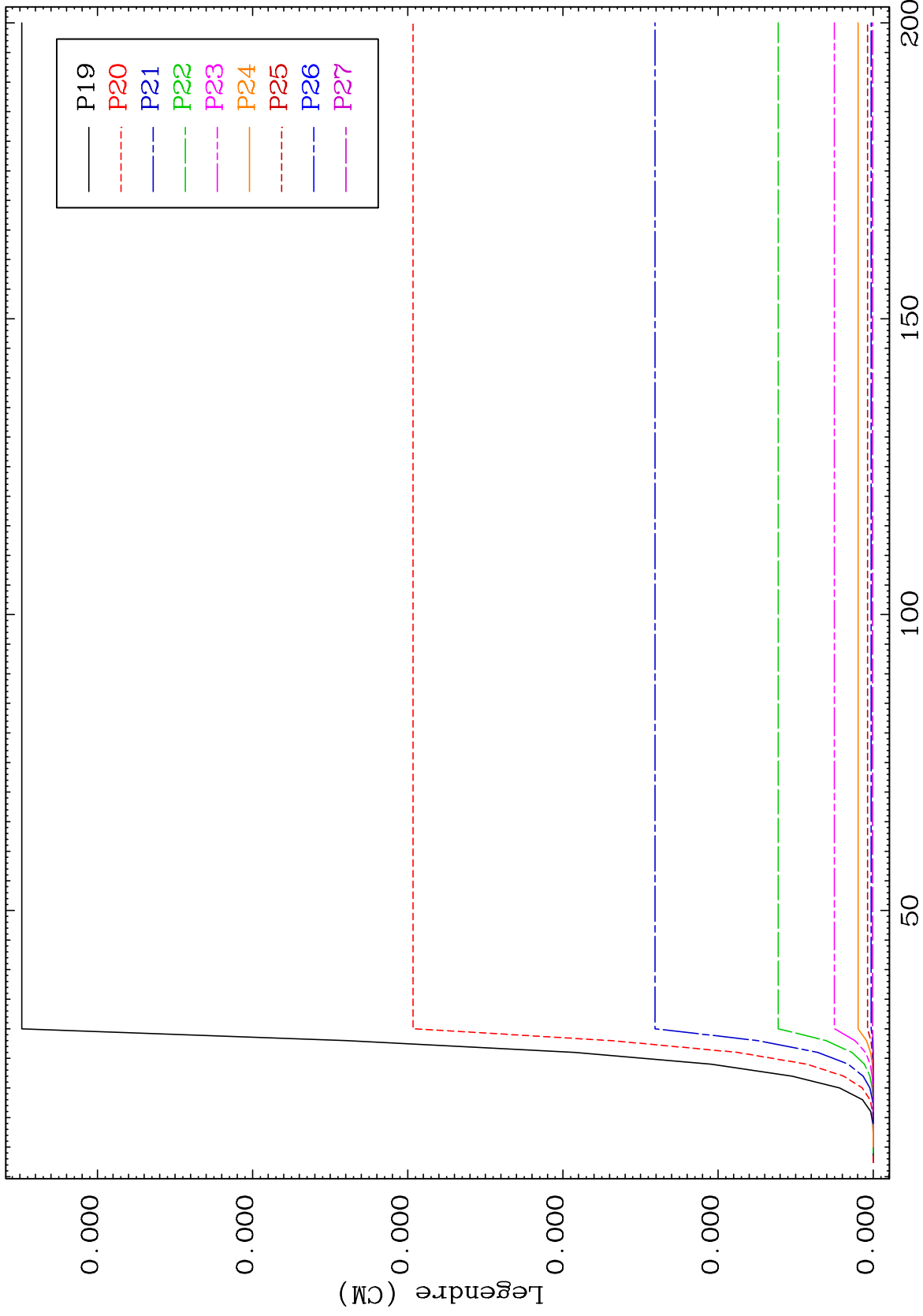
Incident Energy (MeV)

48-Cd-116

MAT 4855

1.642 MeV (n,n') Level
Legendre Coefficients

48-Cd-116



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Incident Energy (MeV)

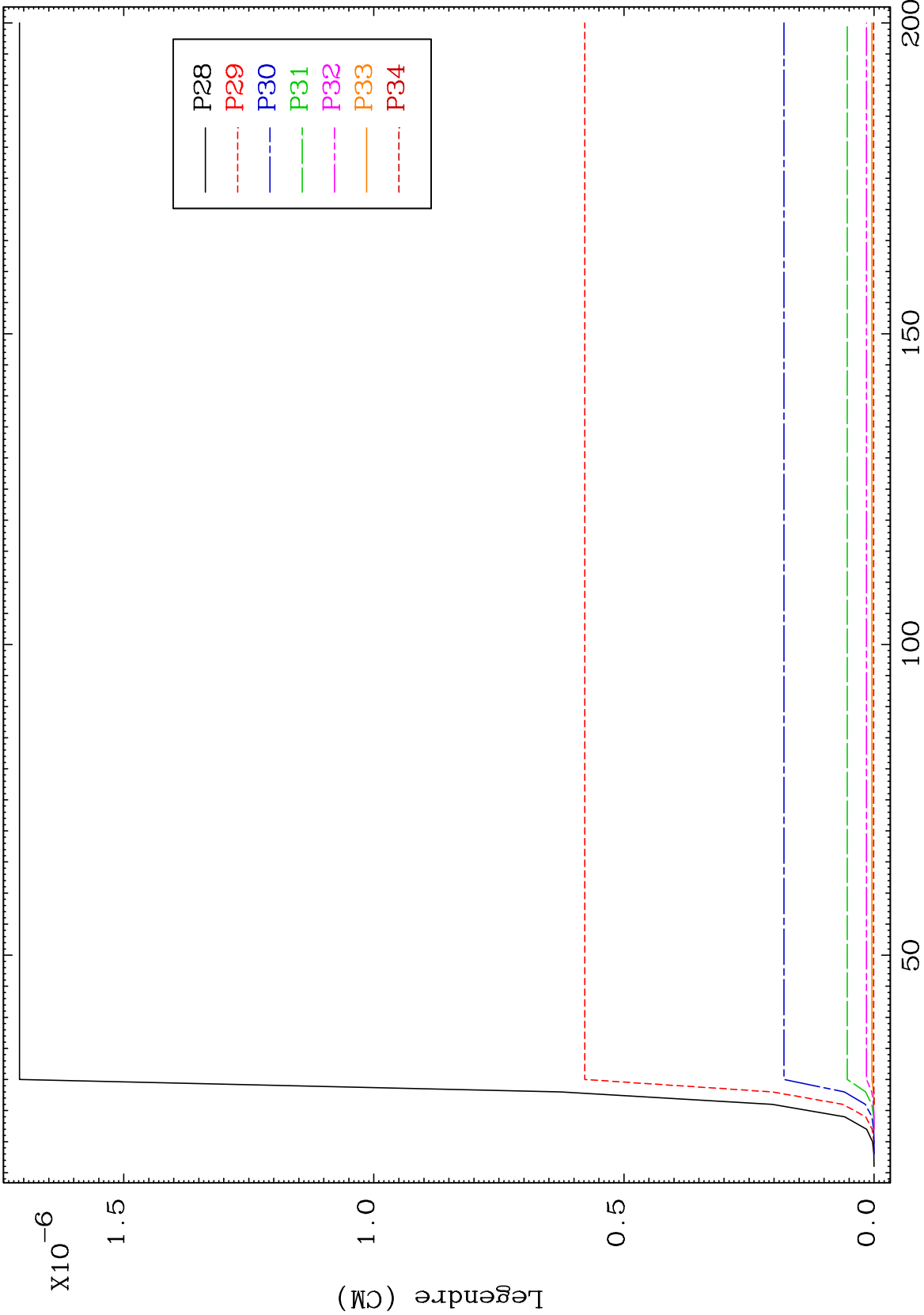
48-Cd-116

MAT 4855

1.642 MeV (n,n') Level

48-Cd-116

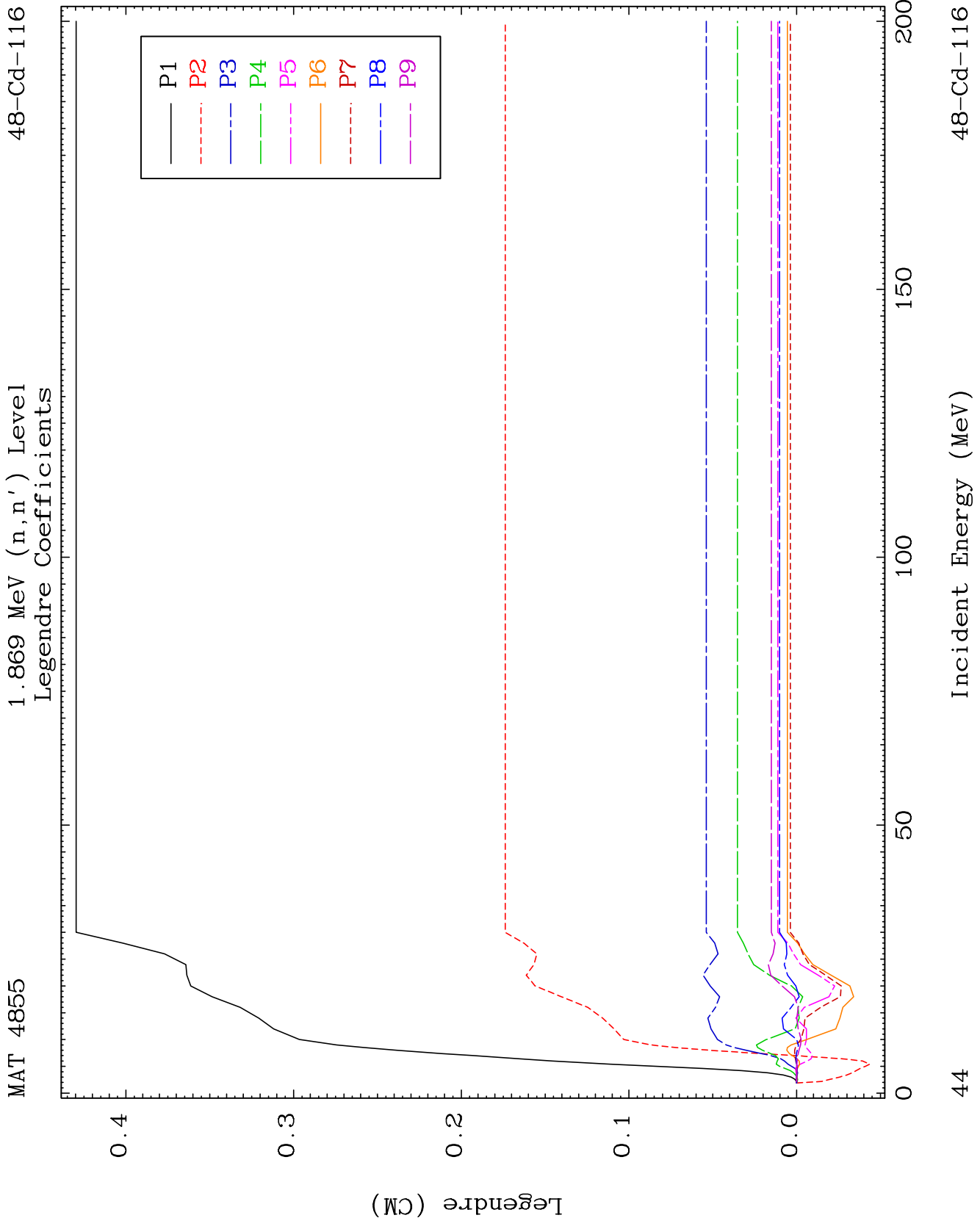
Legendre Coefficients



48-Cd-116

Incident Energy (MeV)

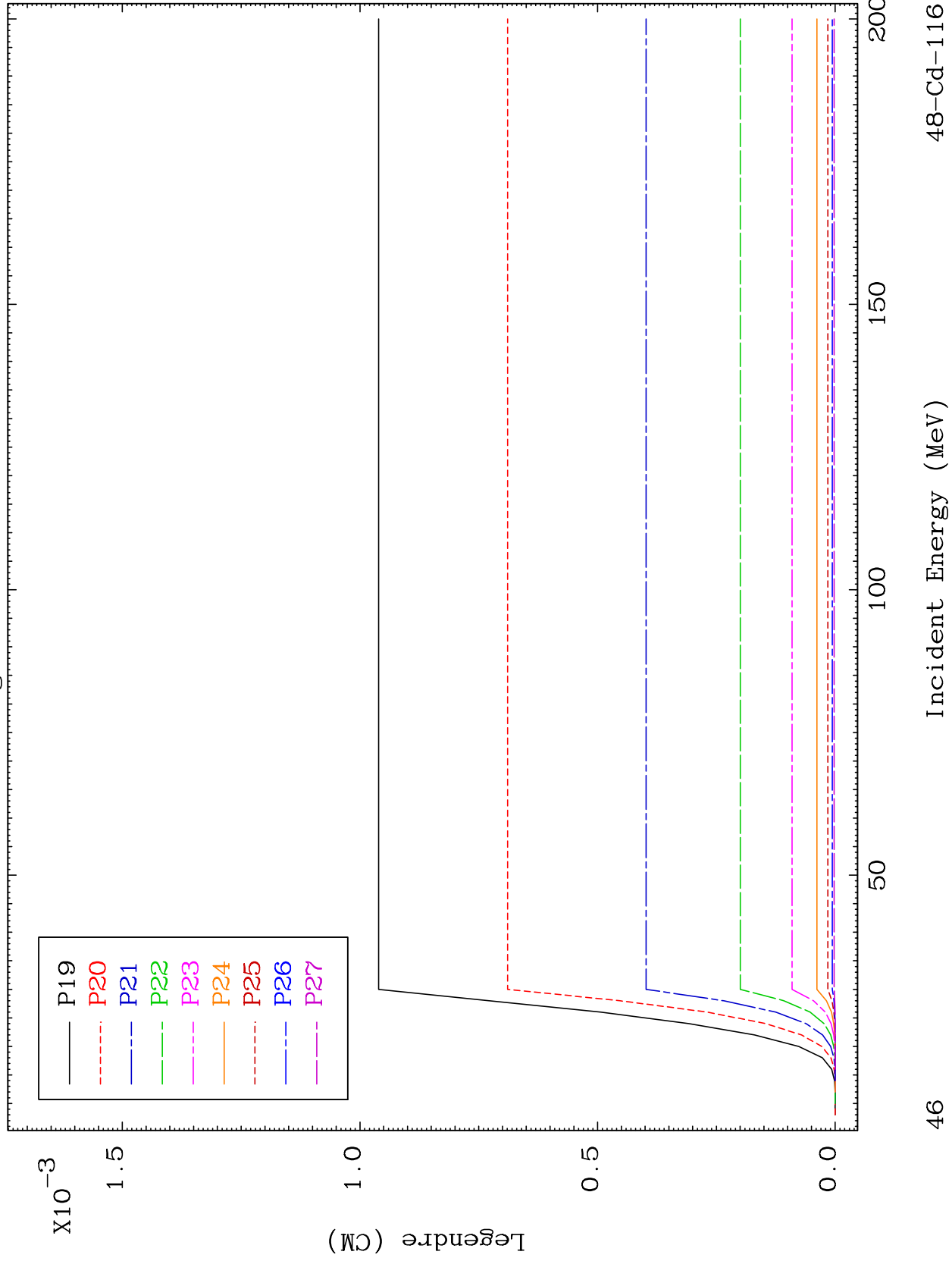
43



MAT 4855

1.869 MeV (n,n') Level
Legendre Coefficients

48-Cd-116



46

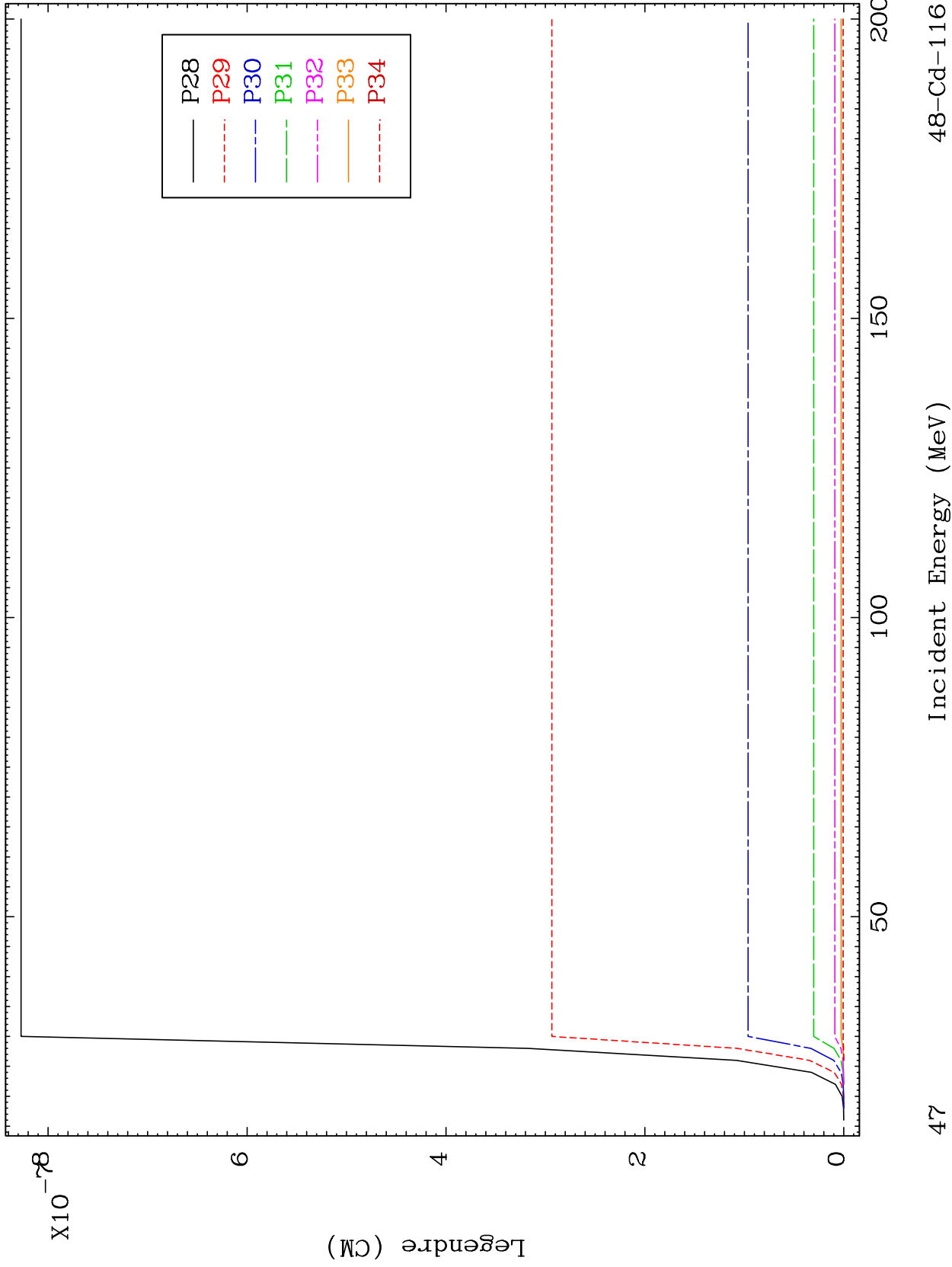
Incident Energy (MeV)

48-Cd-116

MAT 4855

1.869 MeV (n,n') Level
Legendre Coefficients

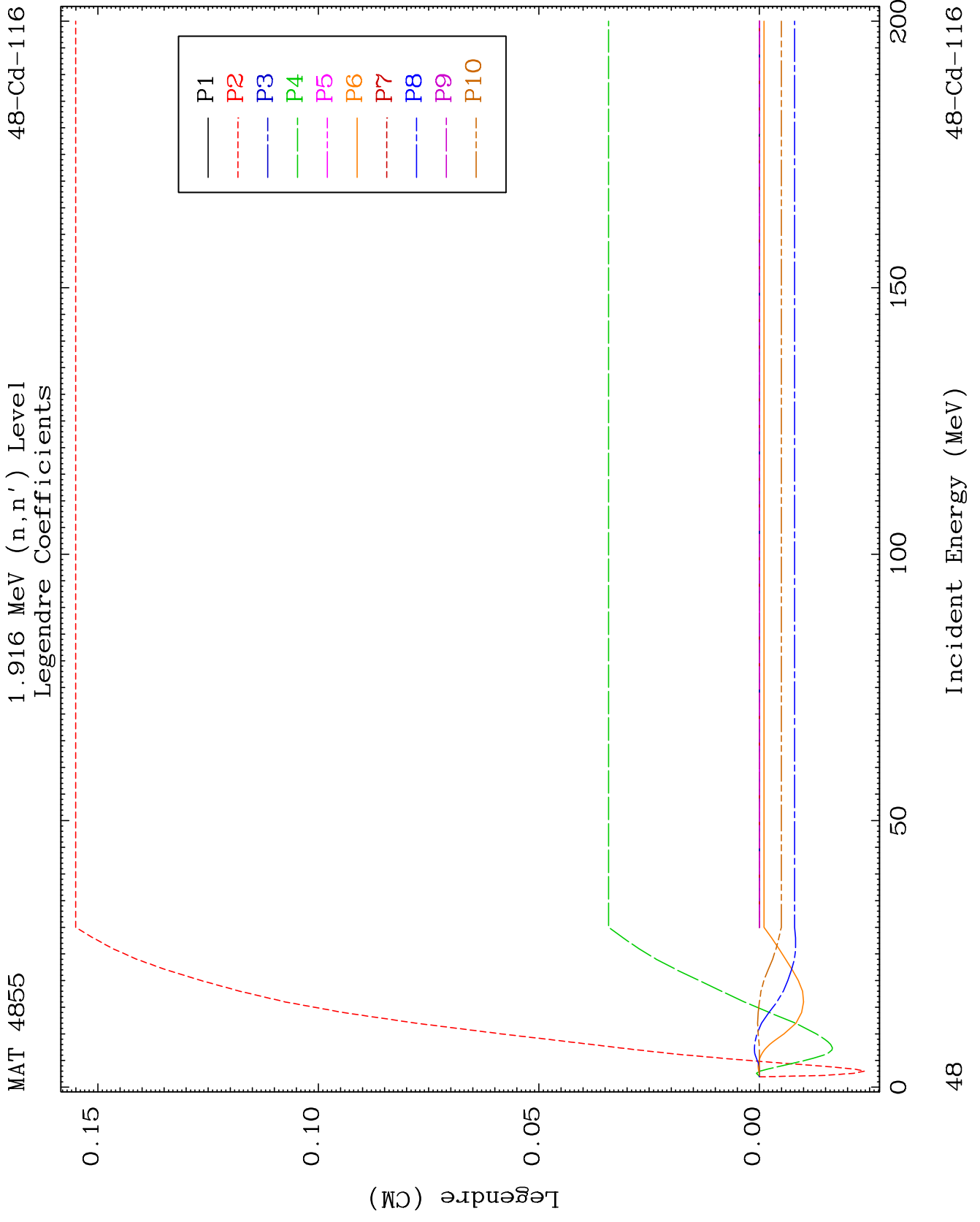
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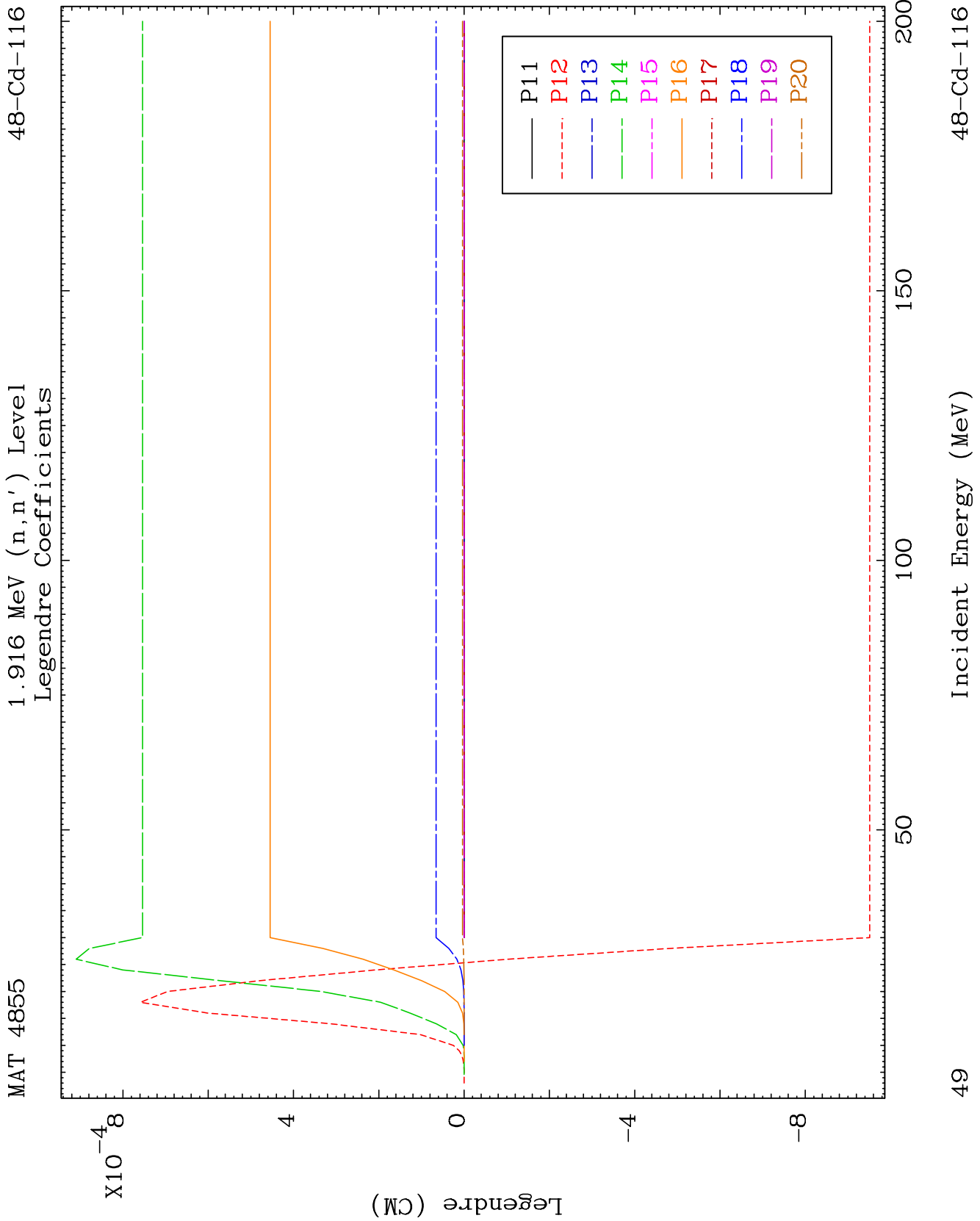


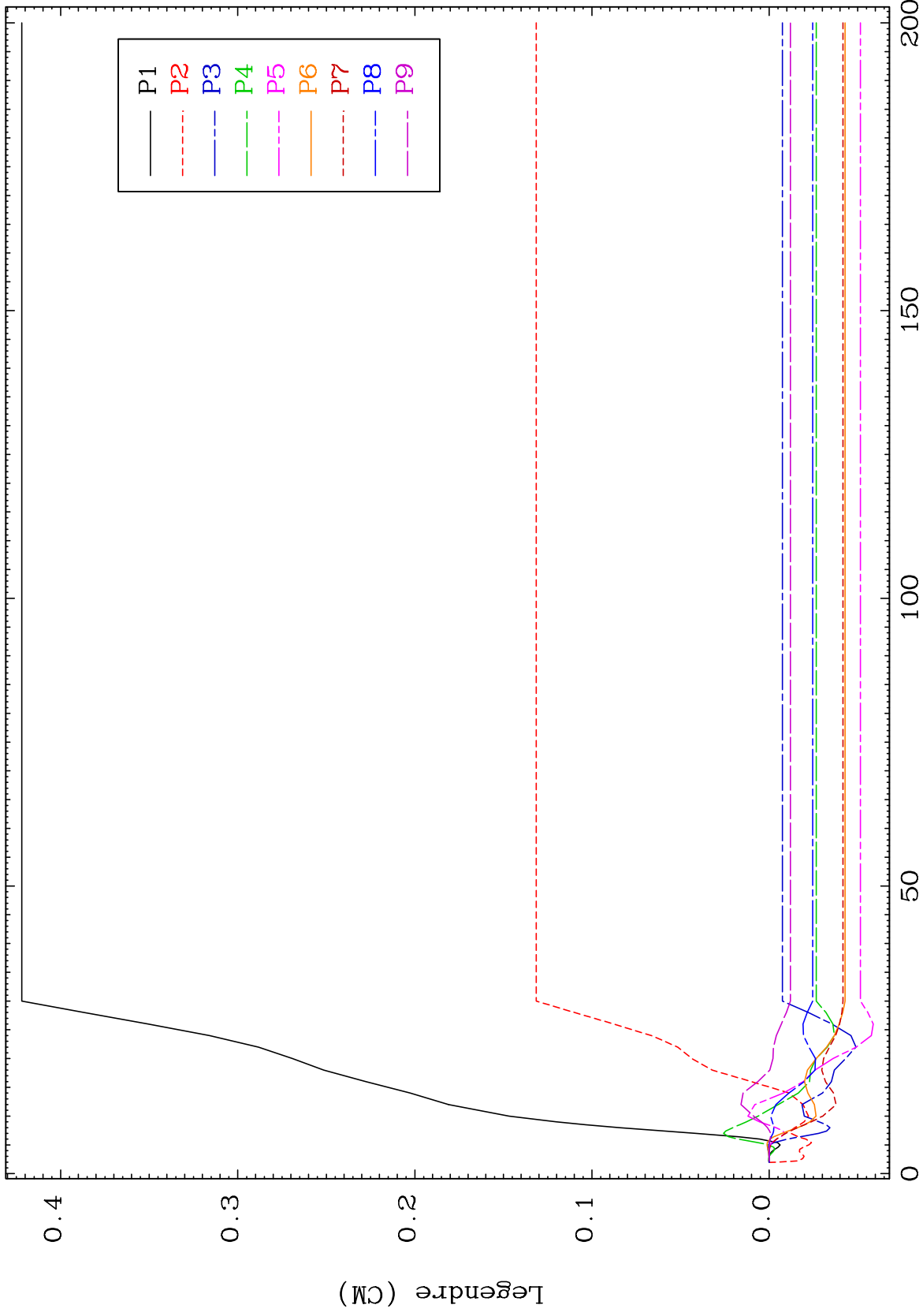
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Incident Energy (MeV)

48-Cd-116



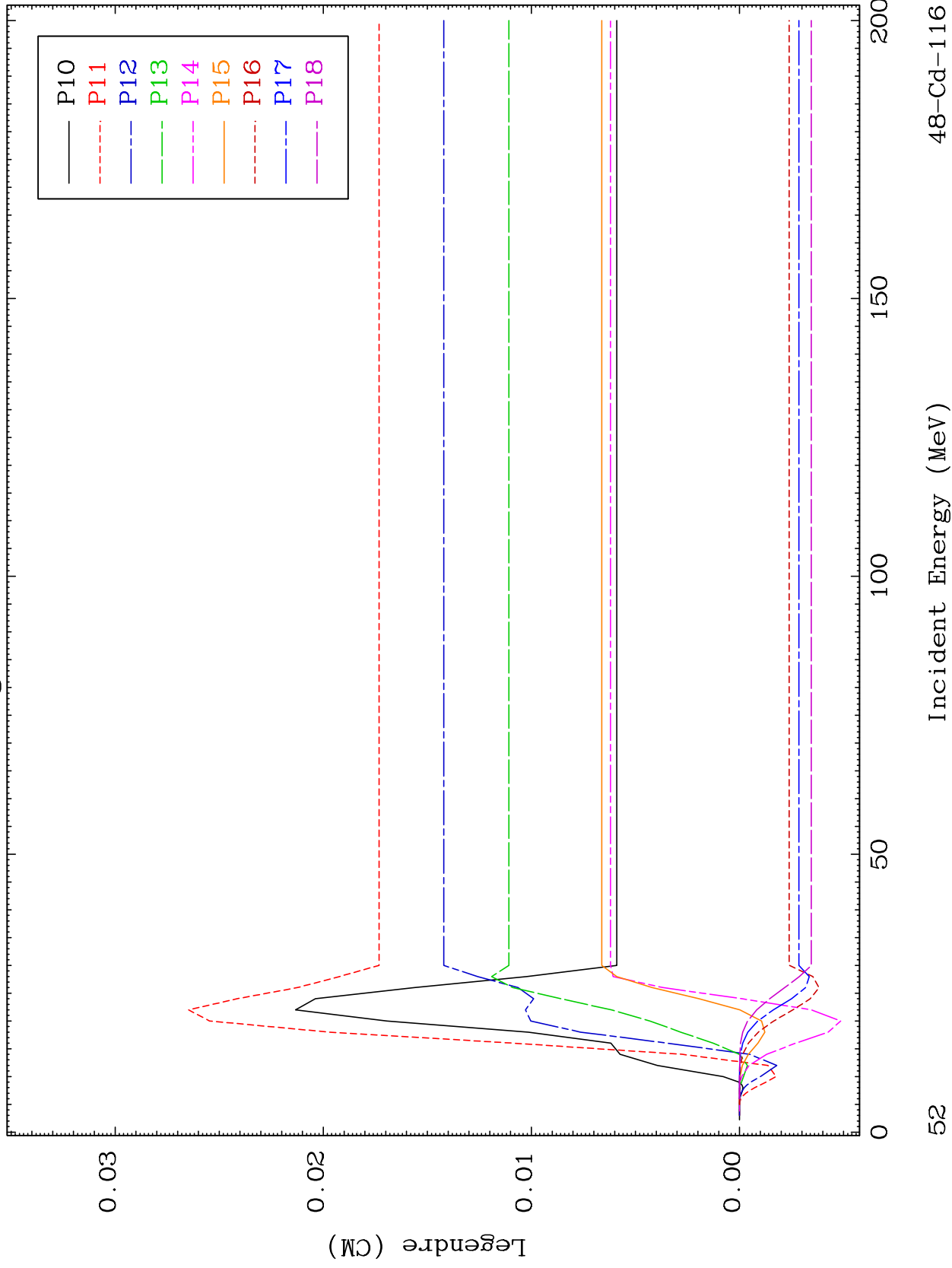




MAT 4855

1.922 MeV (n,n') Level
Legendre Coefficients

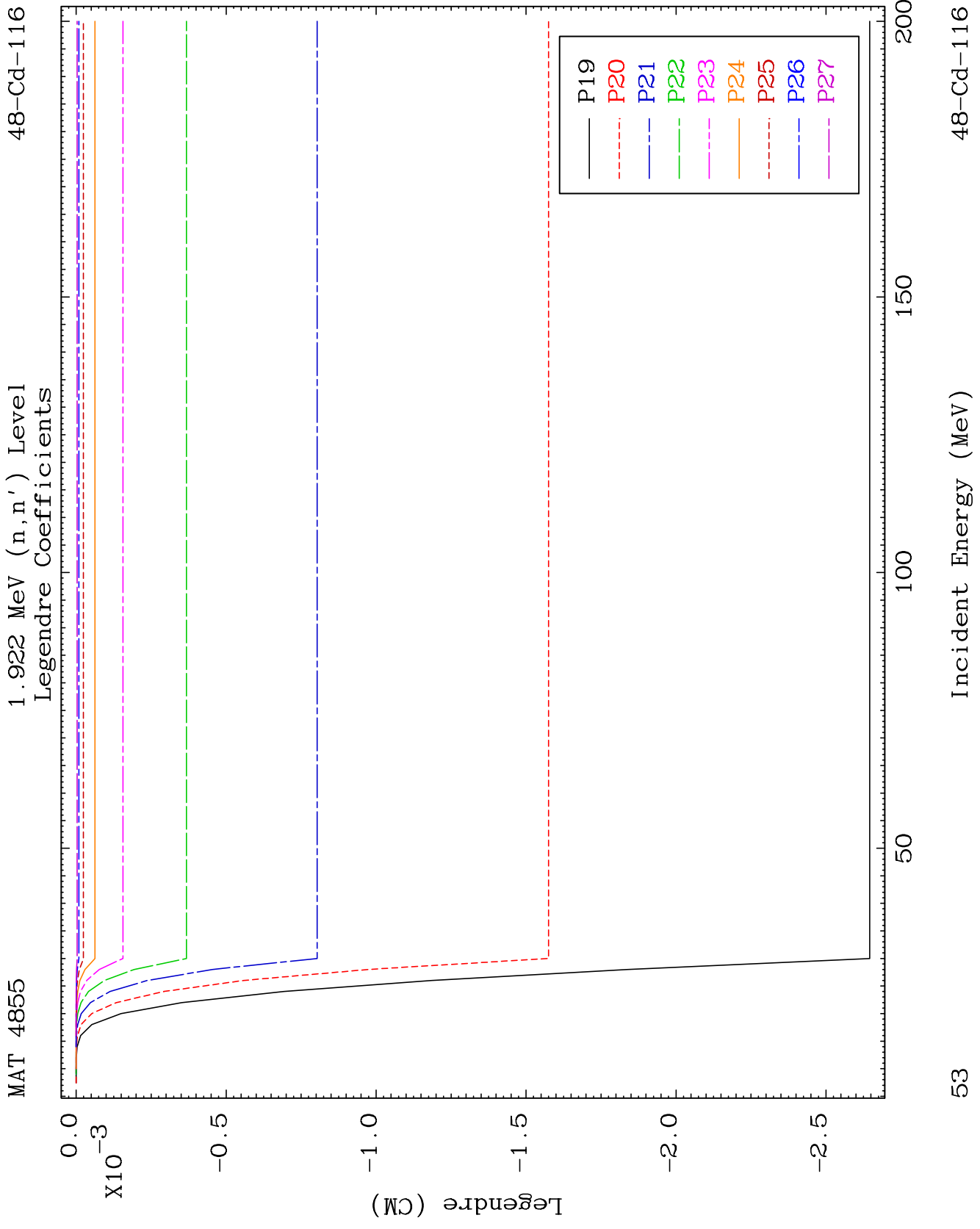
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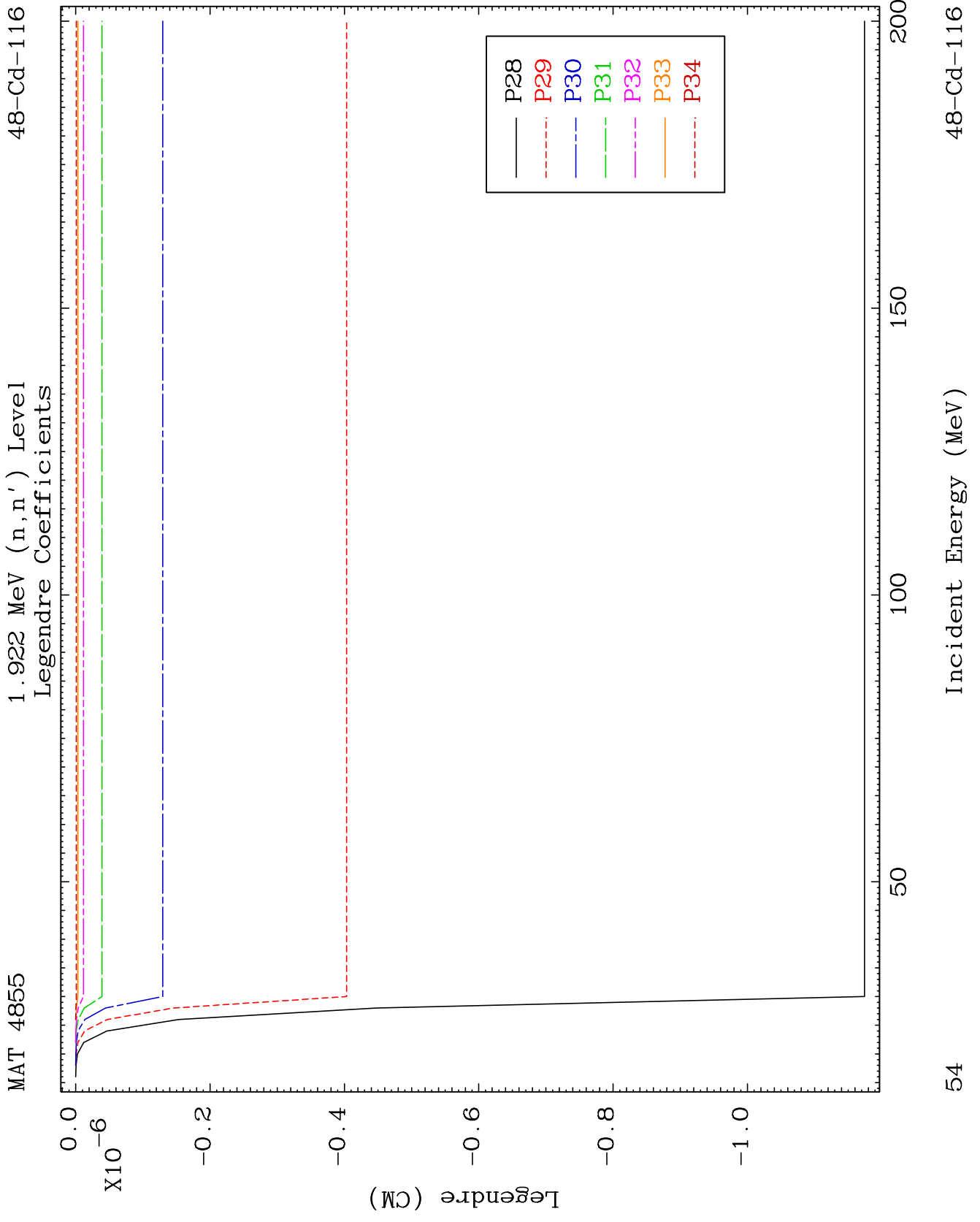


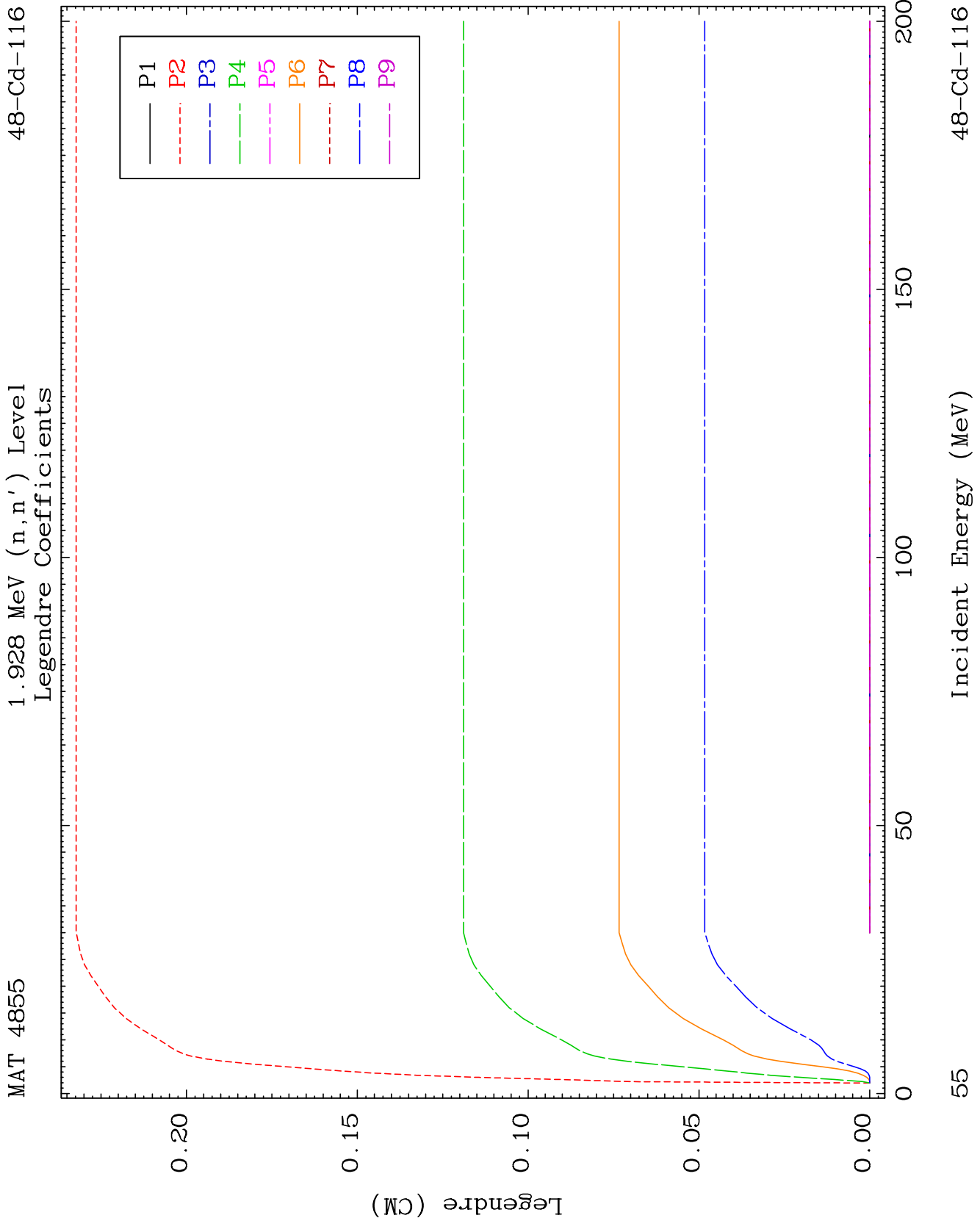
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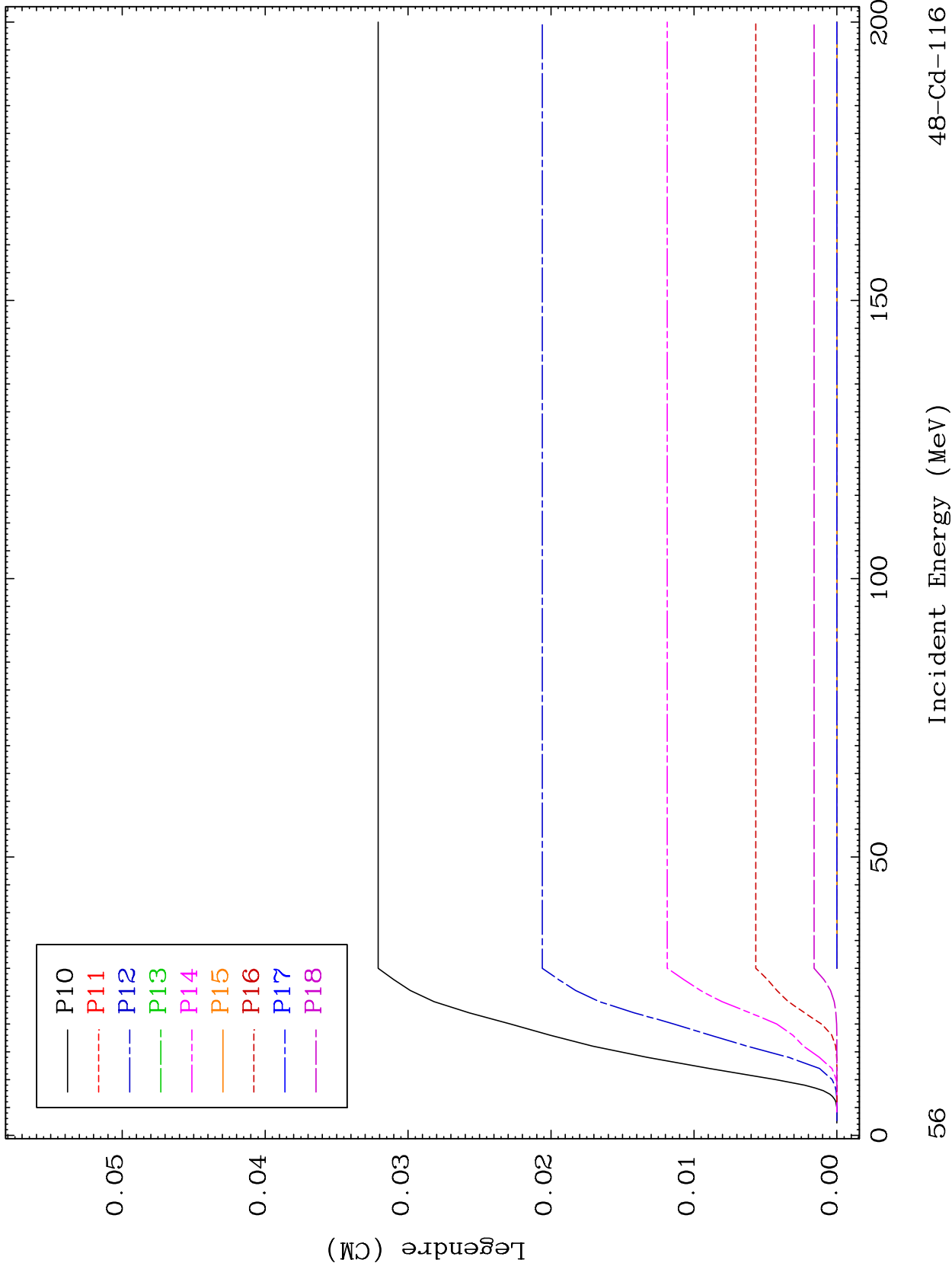
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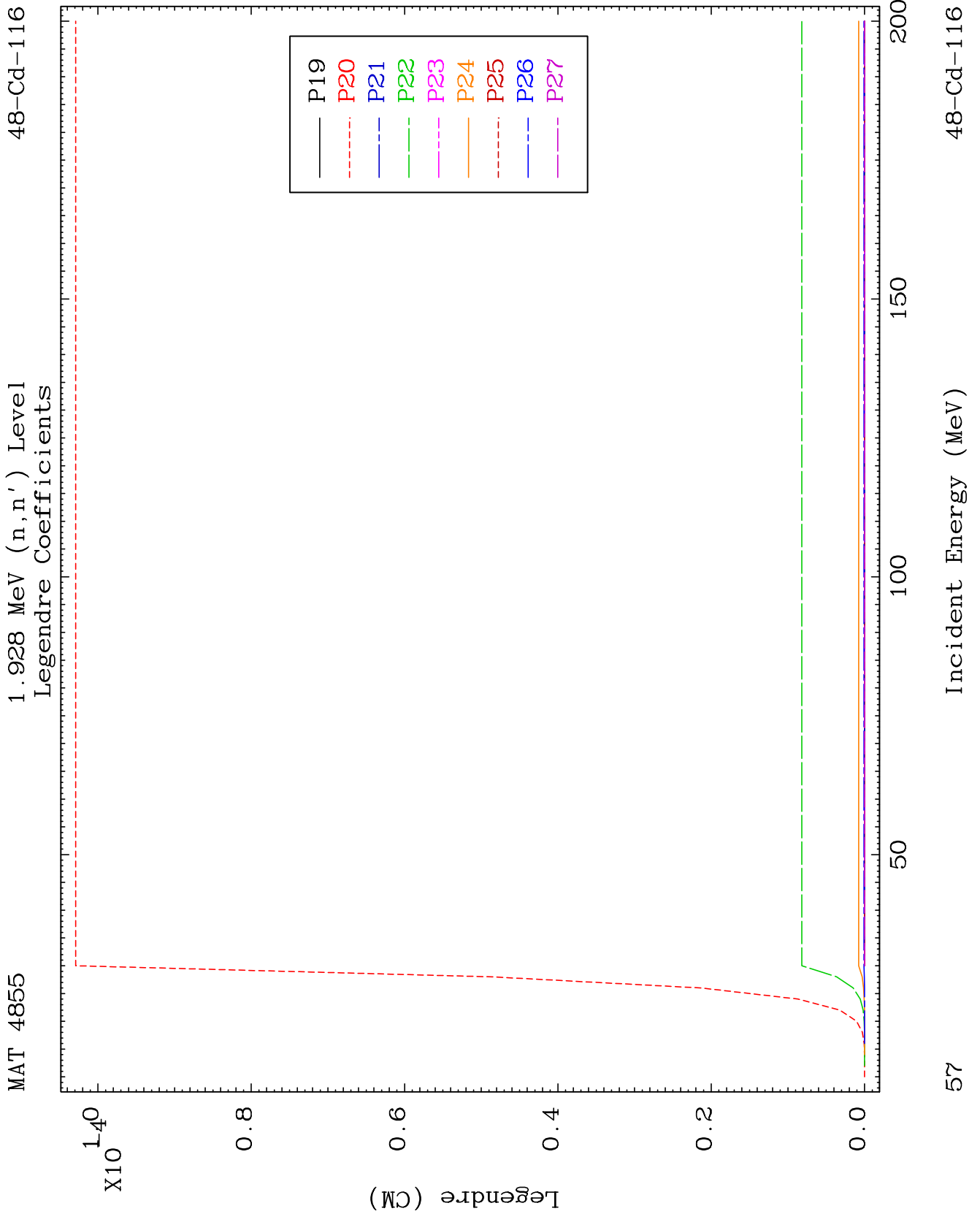
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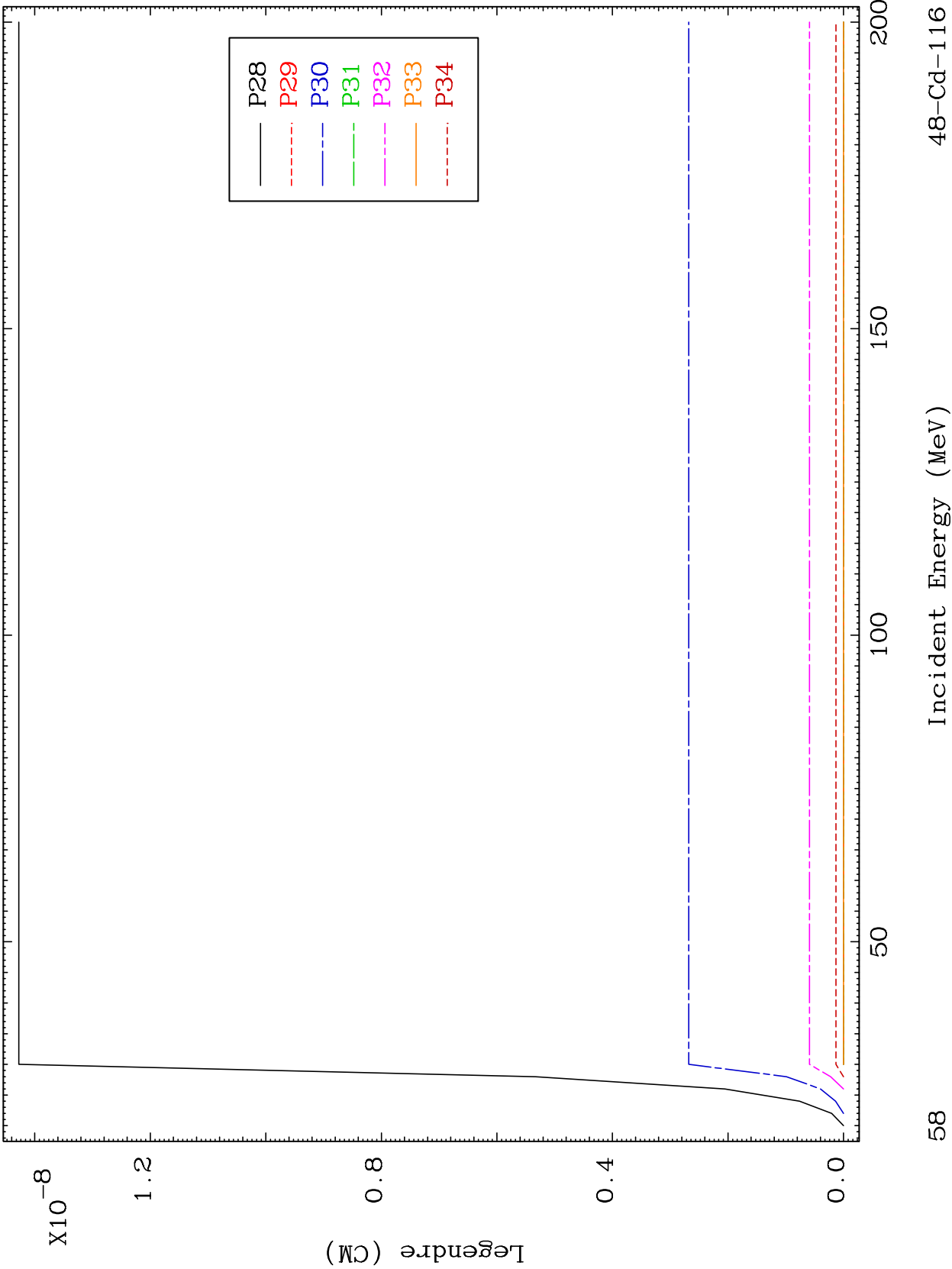




MAT 4855

1.928 MeV (n,n') Level
Legendre Coefficients

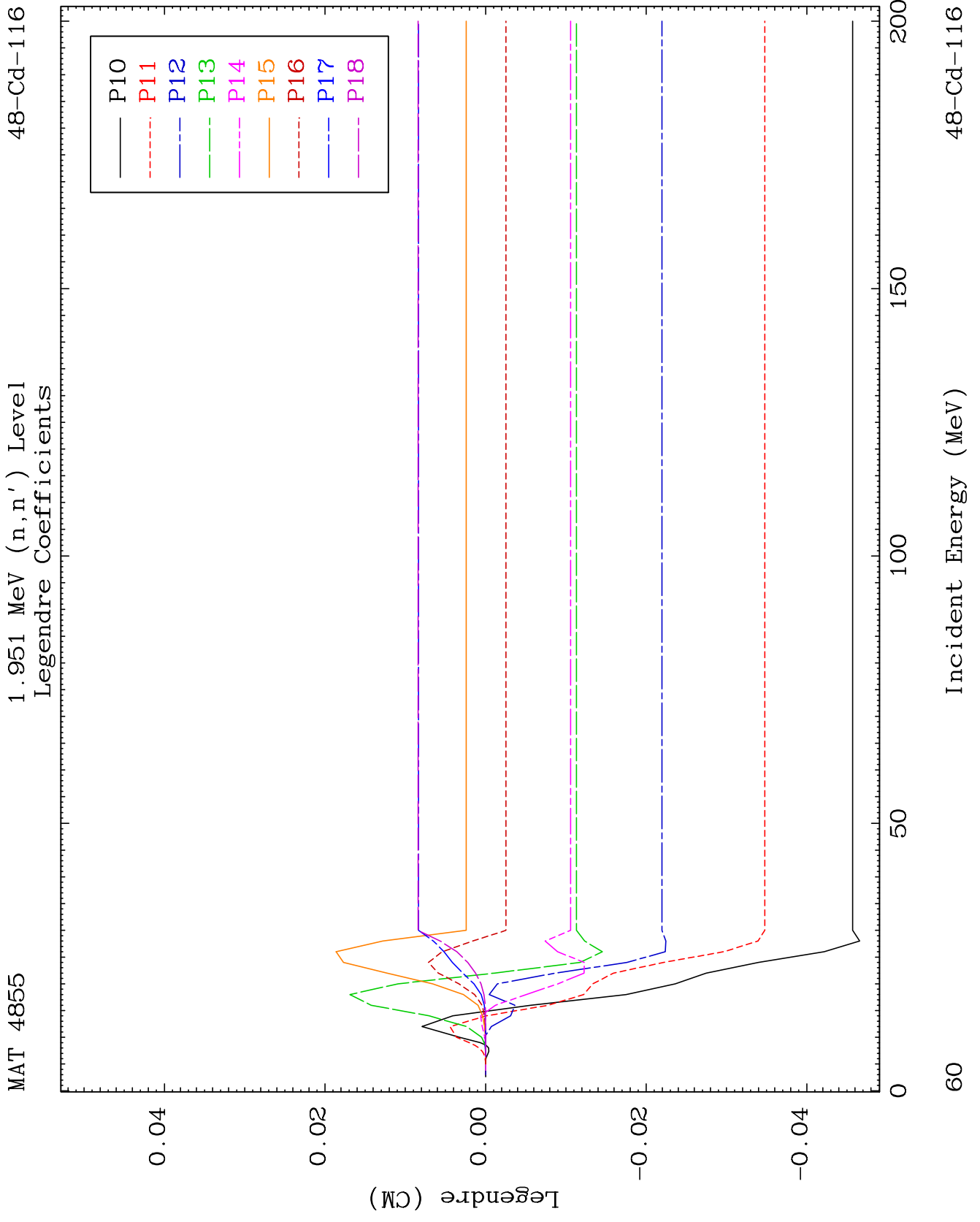
48-Cd-116



58

Incident Energy (MeV)

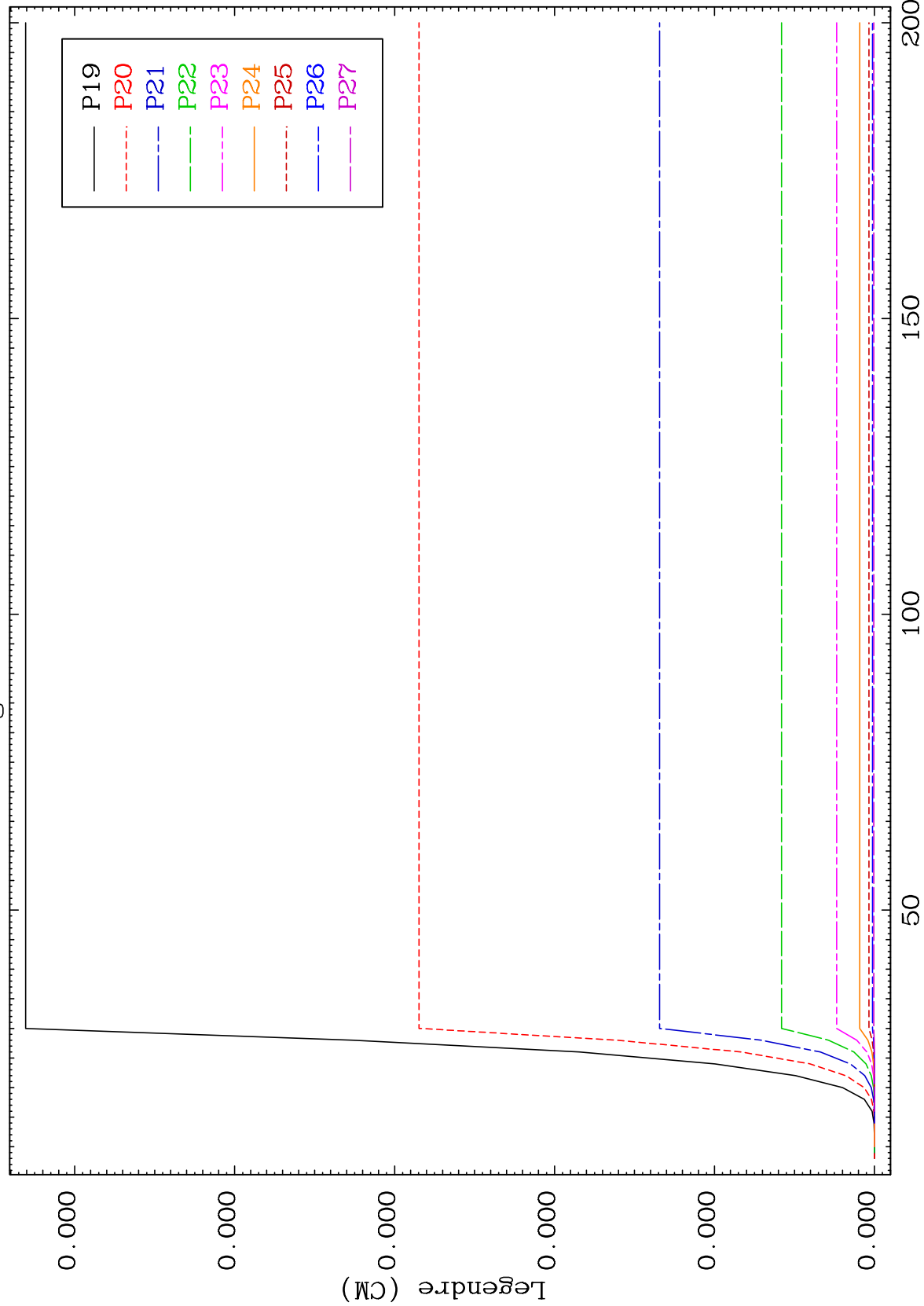
48-Cd-116



MAT 4855

1.951 MeV (n,n') Level
Legendre Coefficients

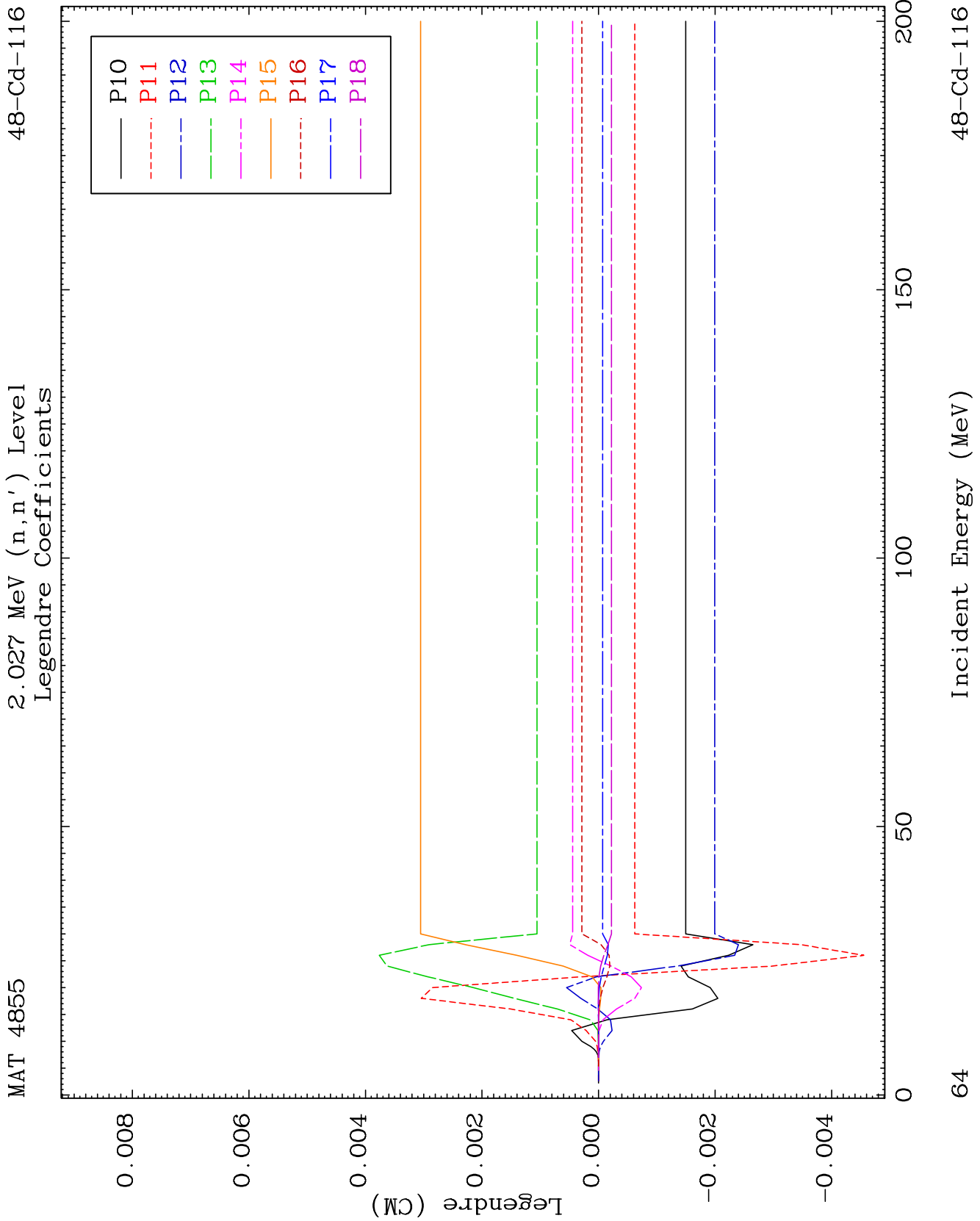
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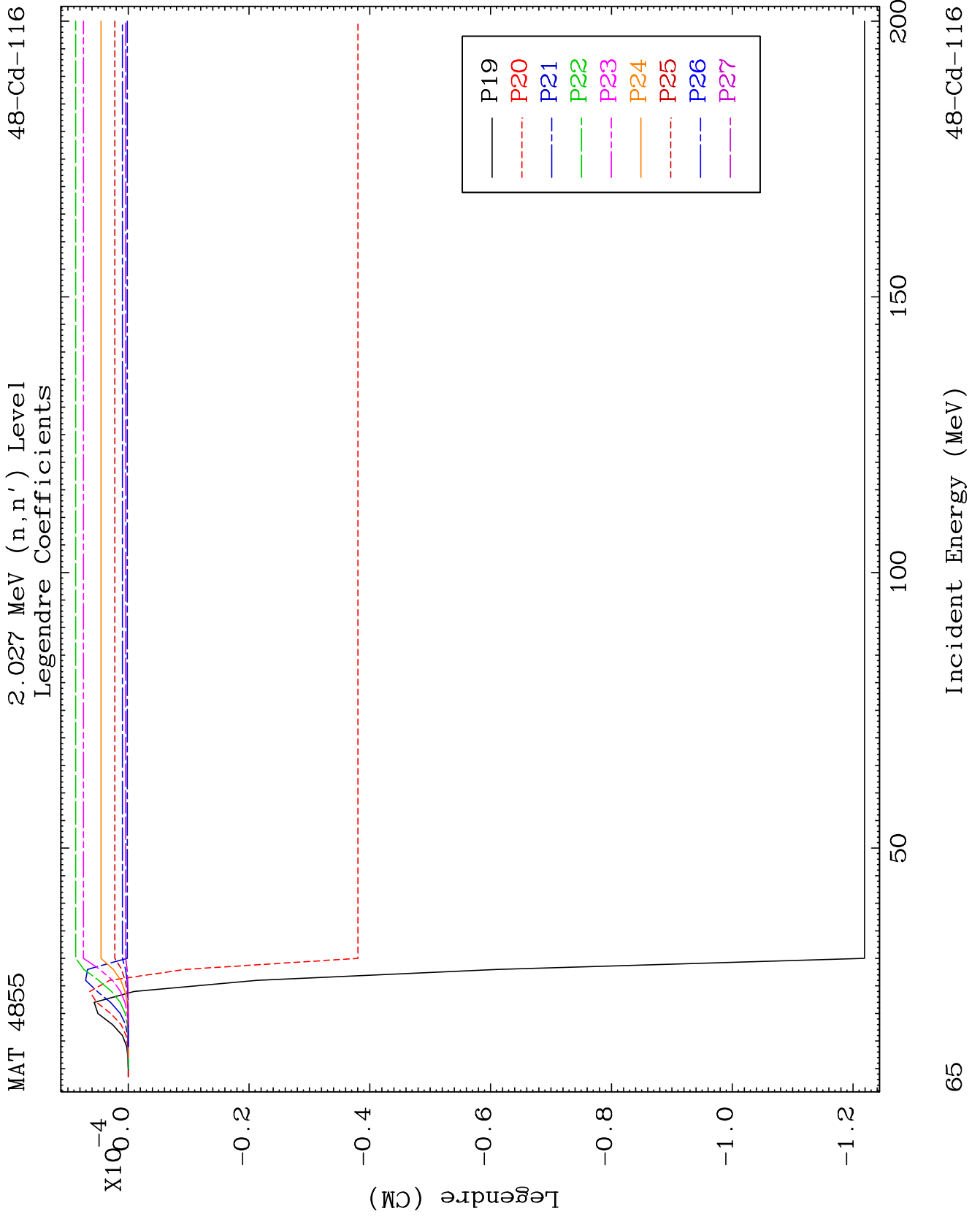


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Incident Energy (MeV)

48-Cd-116

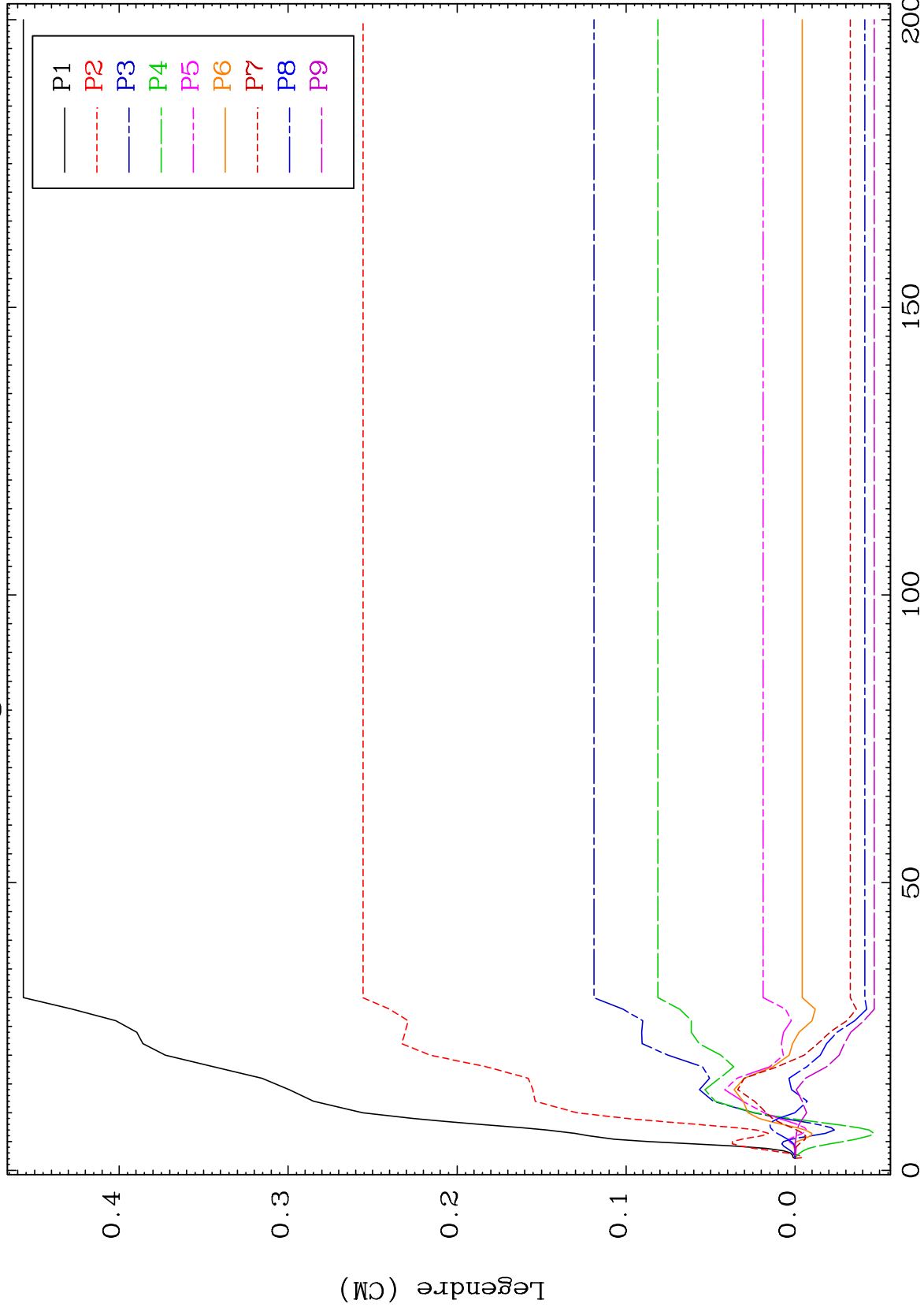




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2.037 MeV (n,n') Level
Legendre Coefficients

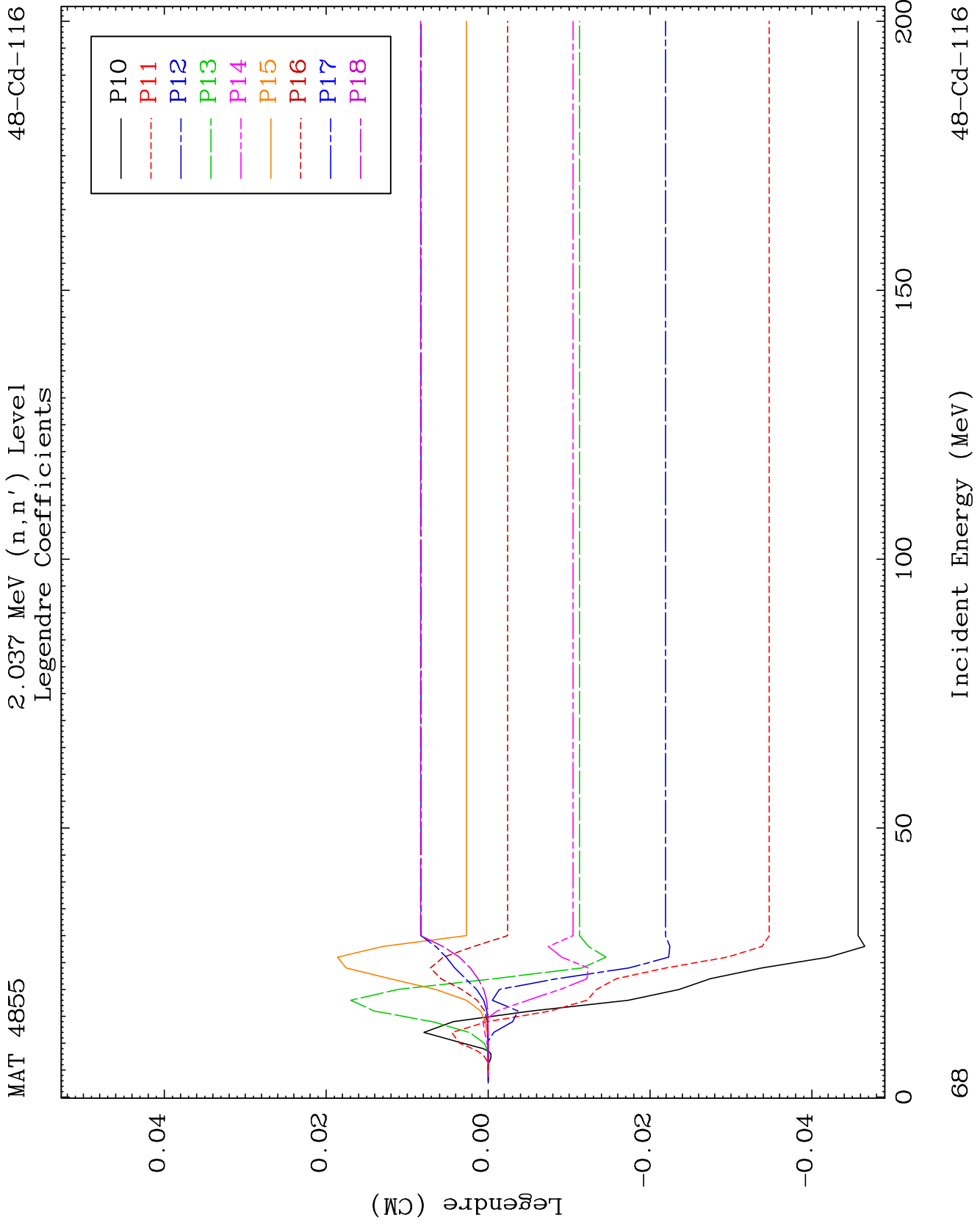
48-Cd-116



67

Incident Energy (MeV)

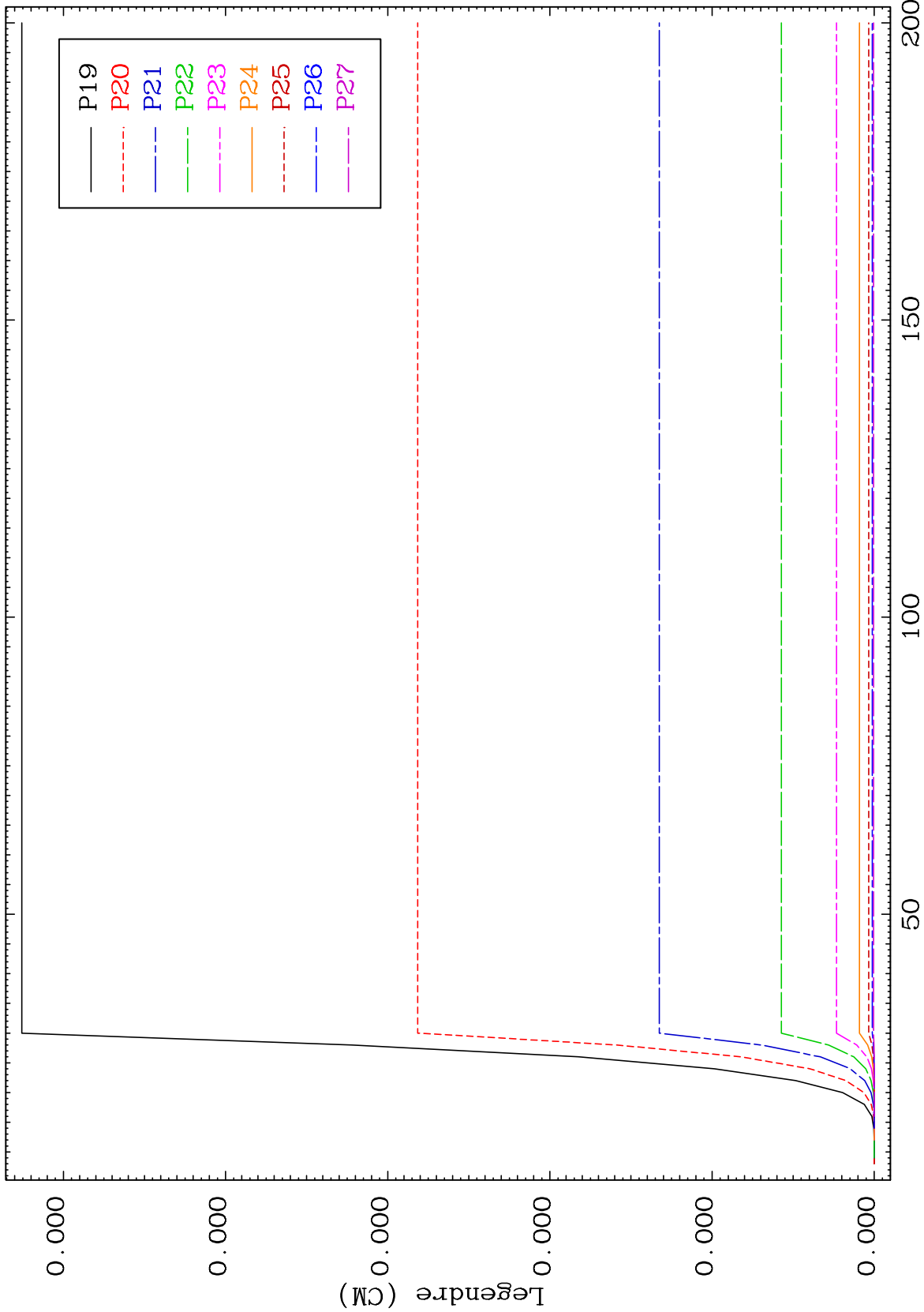
48-Cd-116



MAT 4855

2.037 MeV (n,n') Level
Legendre Coefficients

48-Cd-116



69

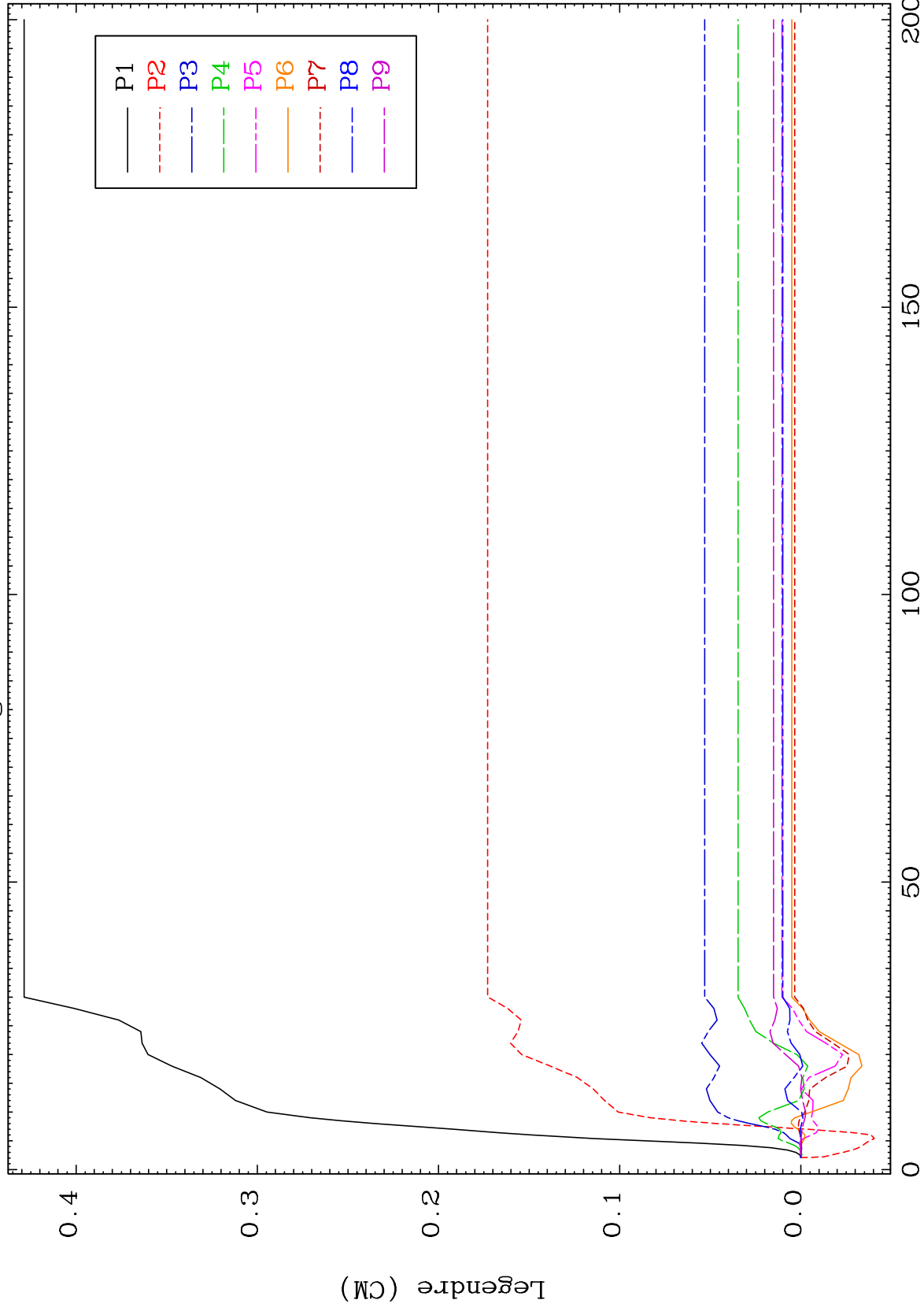
Incident Energy (MeV)

48-Cd-116

MAT 4855

2.042 MeV (n, n') Level
Legendre Coefficients

48-Cd-116



71

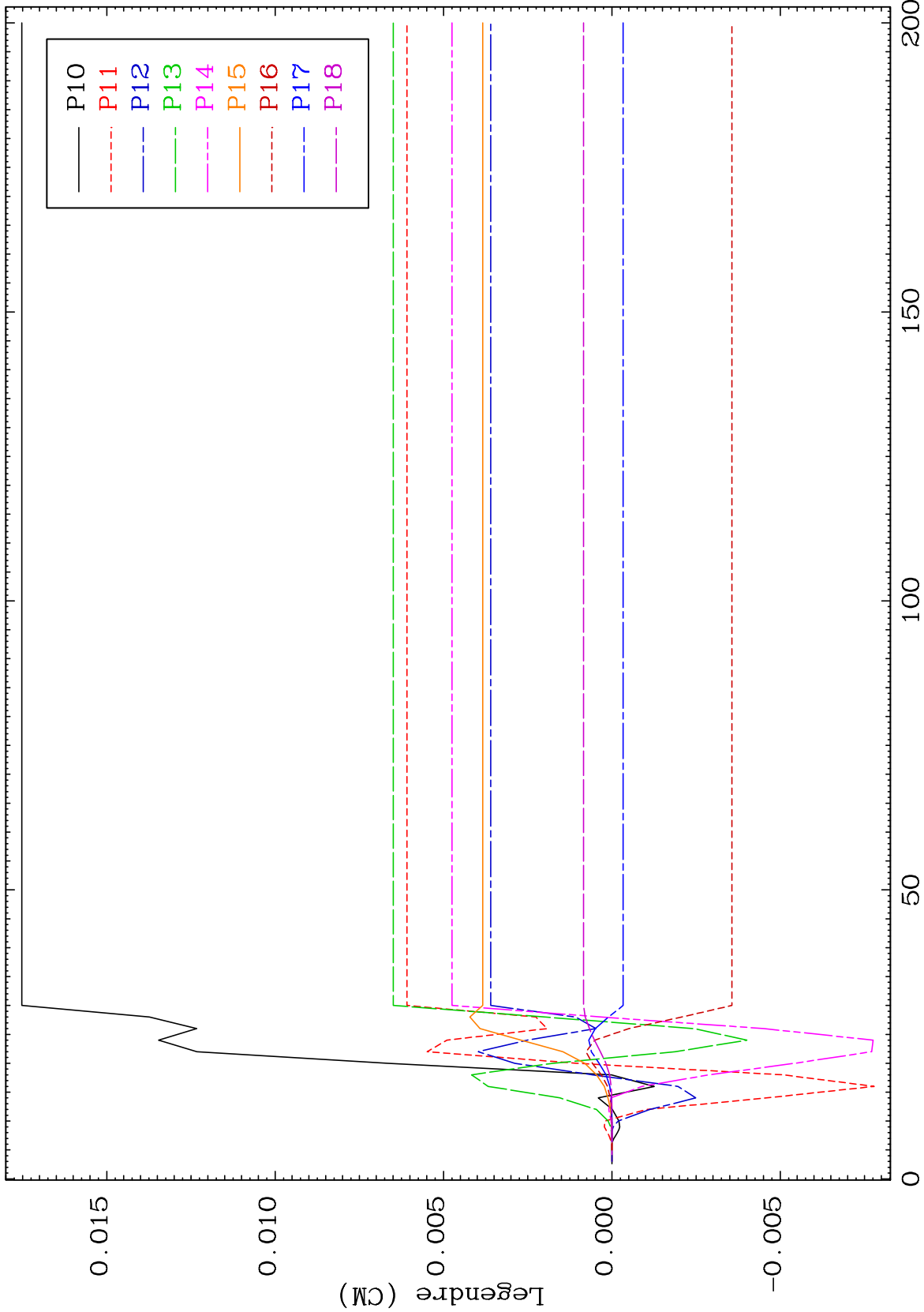
Incident Energy (MeV)

48-Cd-116

MAT 4855

2.042 MeV (n,n') Level
Legendre Coefficients

48-Cd-116



72

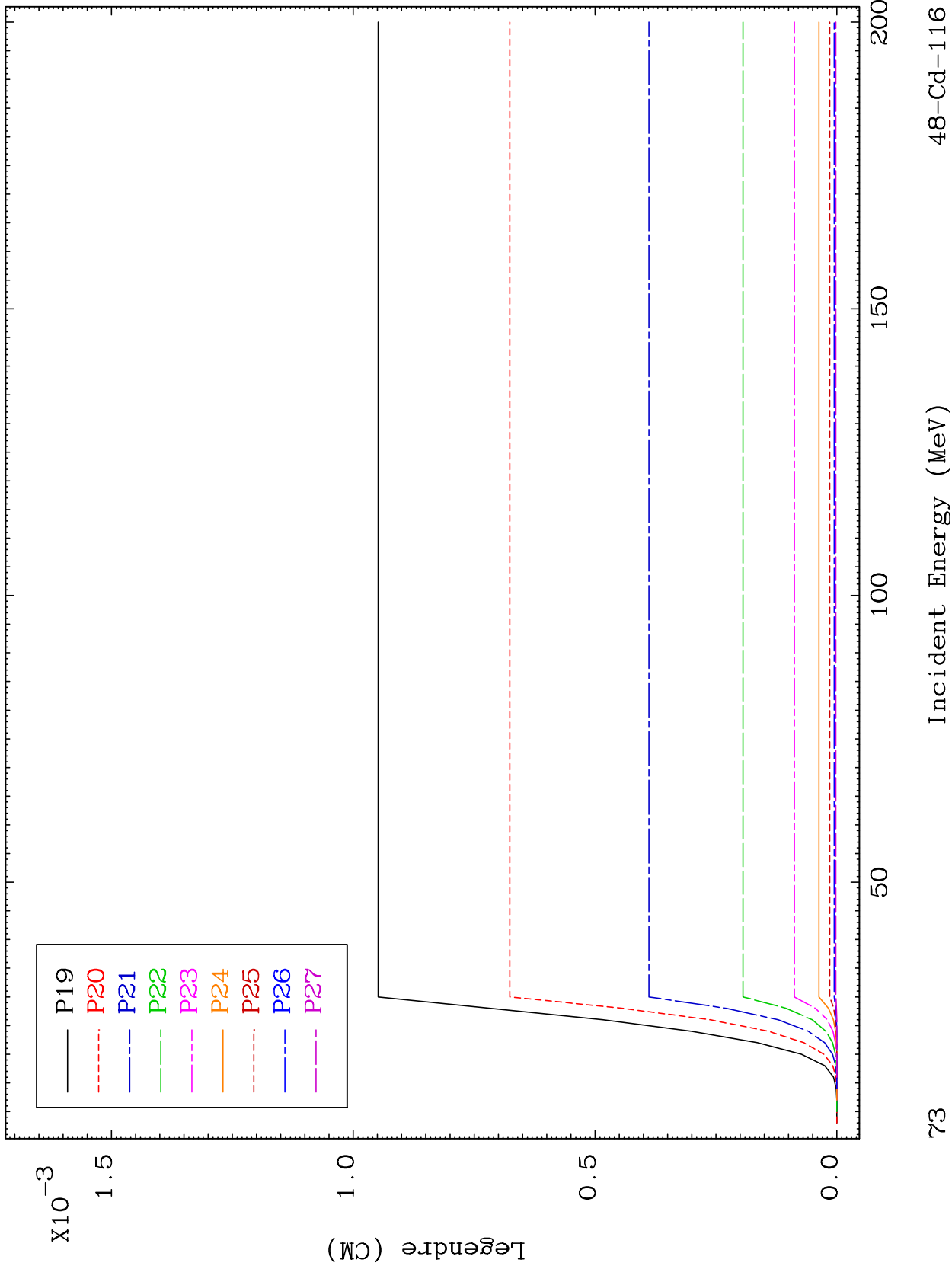
Incident Energy (MeV)

48-Cd-116

MAT 4855

2.042 MeV (n,n') Level
Legendre Coefficients

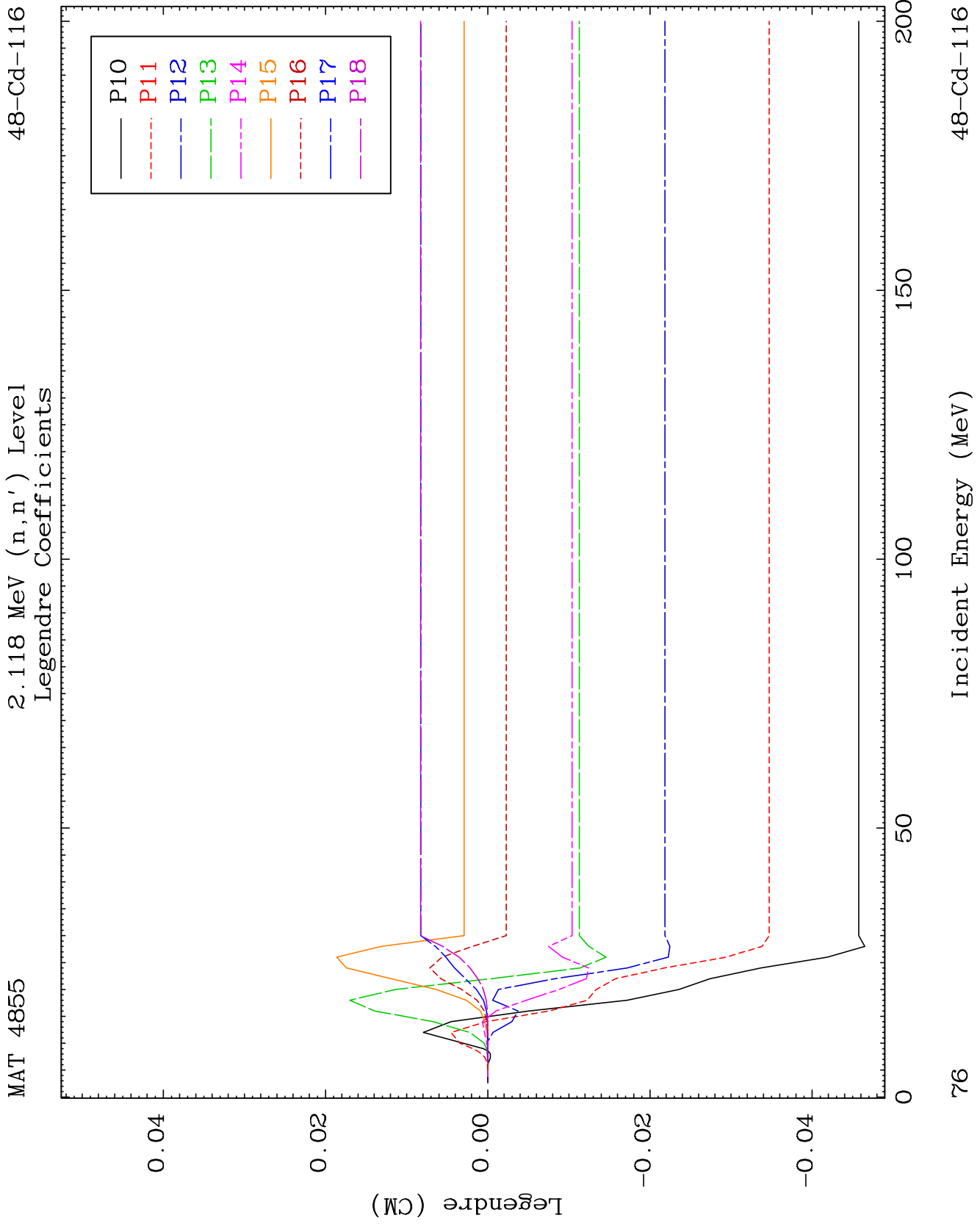
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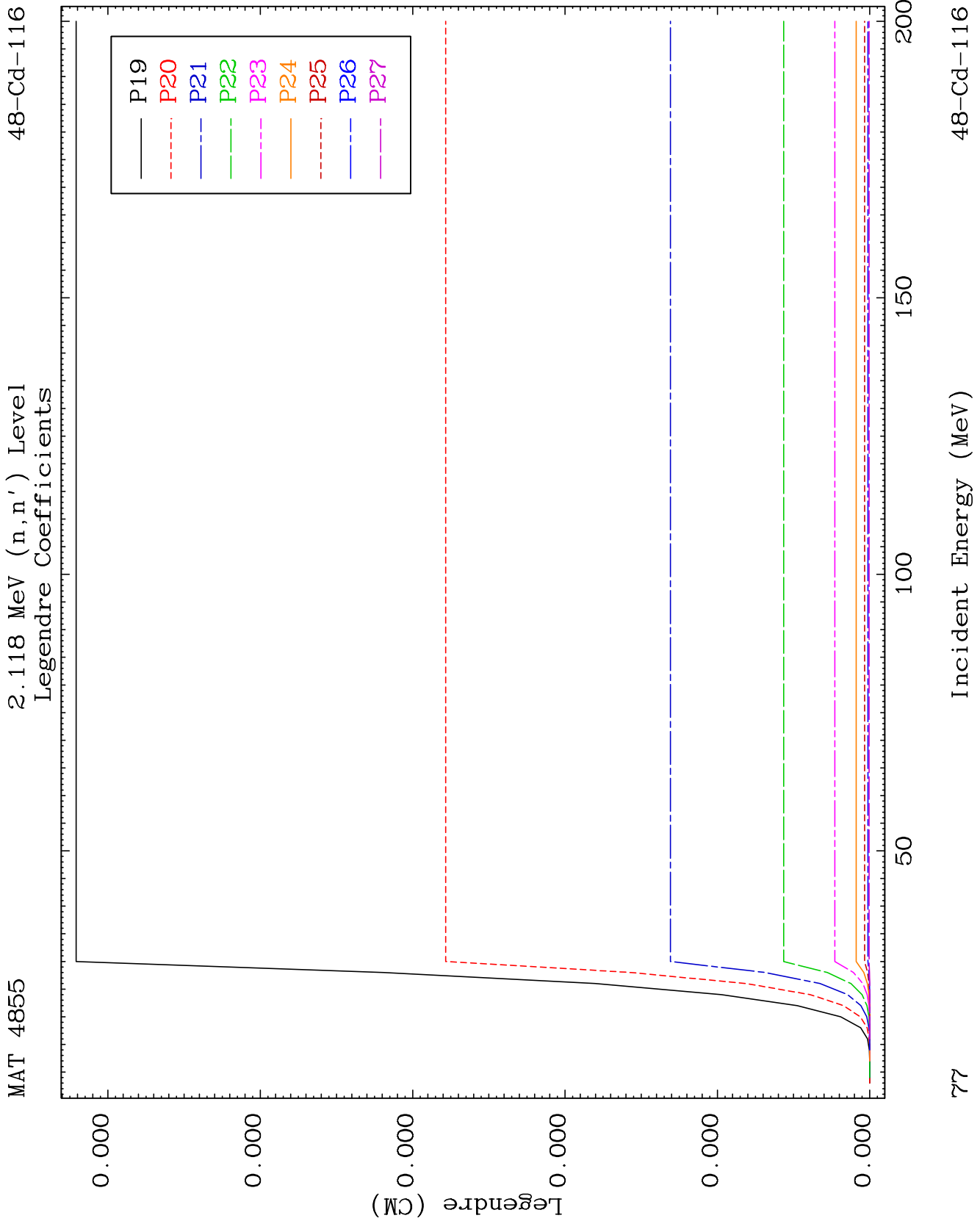


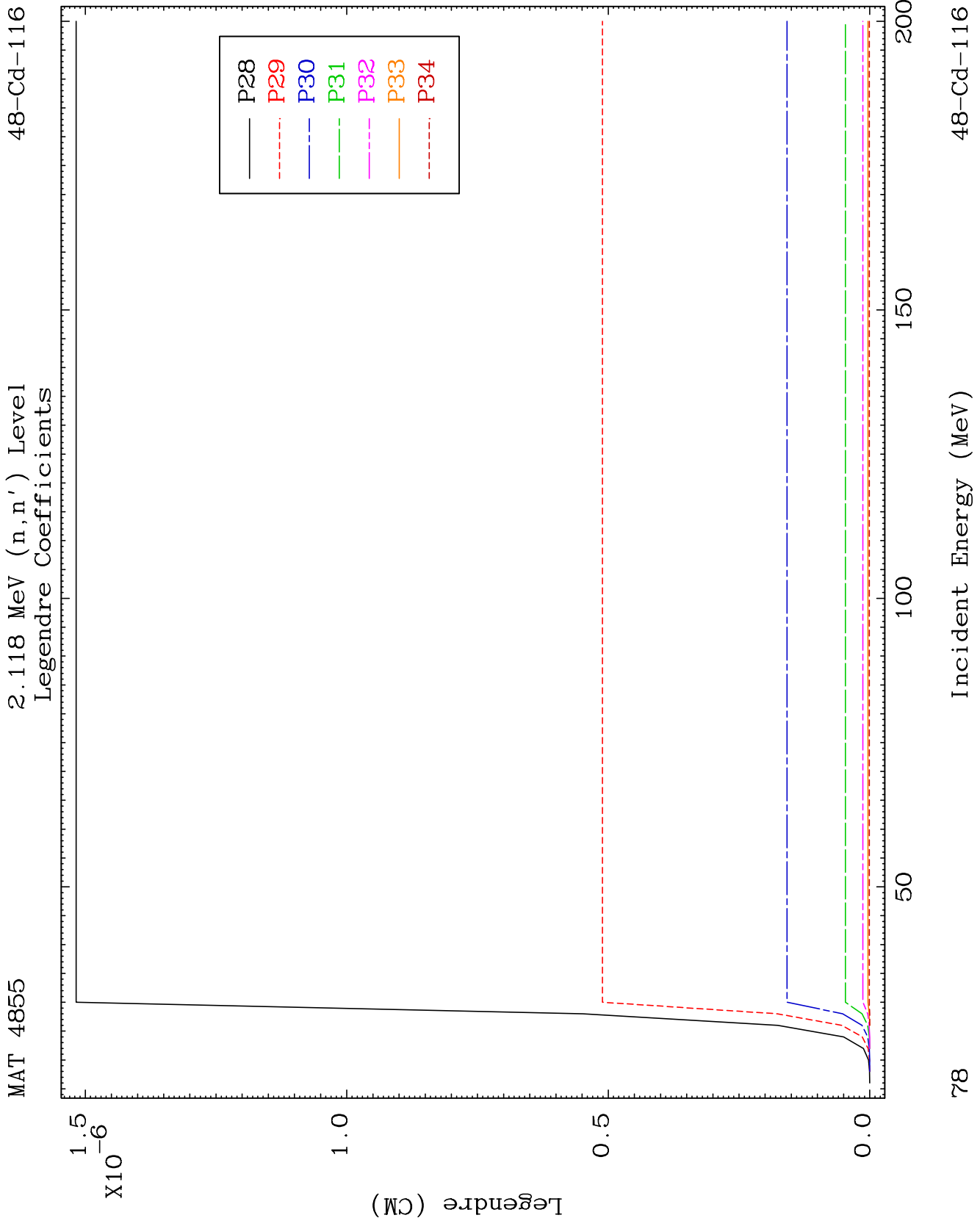
73

Incident Energy (MeV)

48-Cd-116



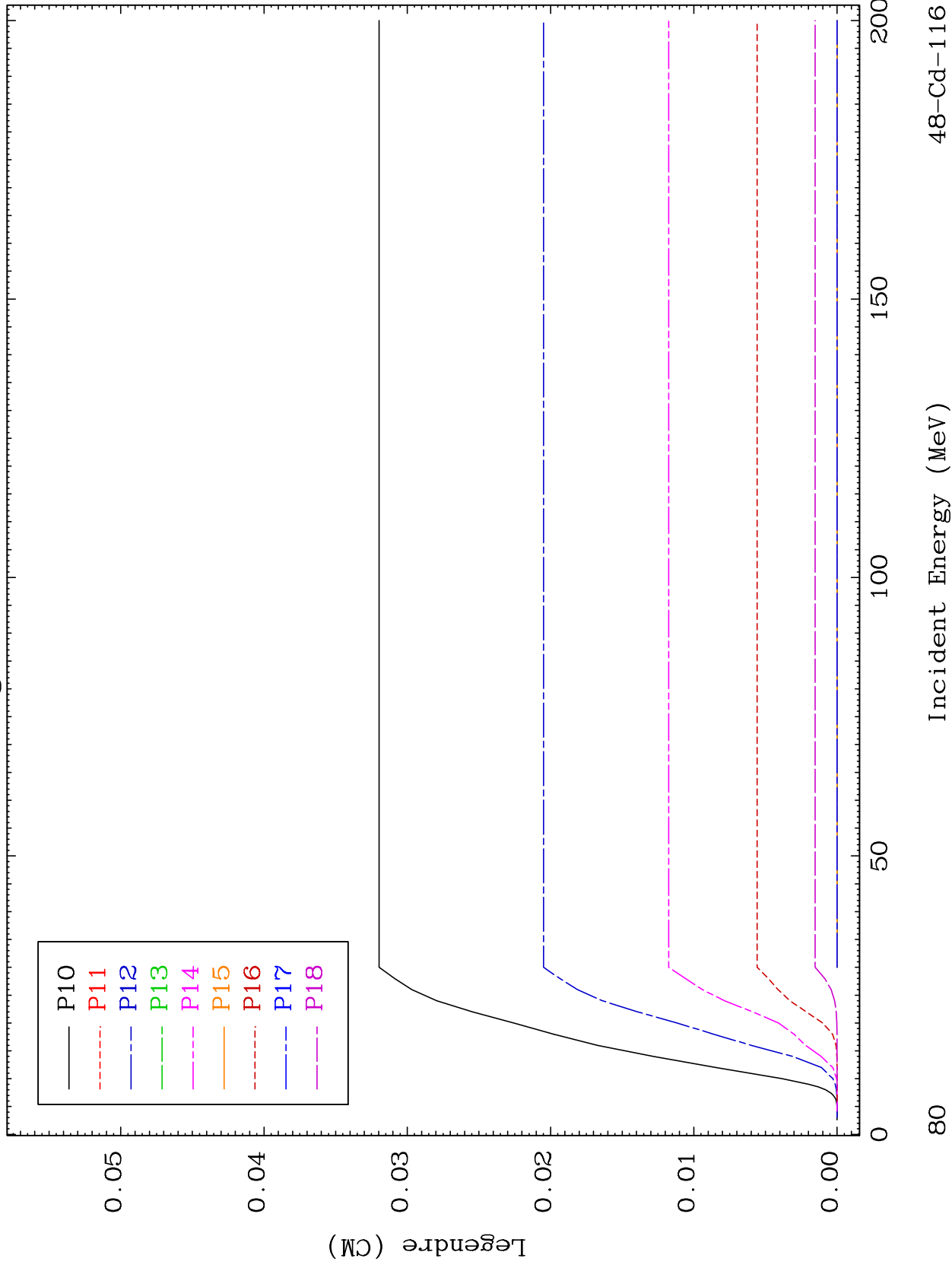




MAT 4855

2.189 MeV (n,n') Level
Legendre Coefficients

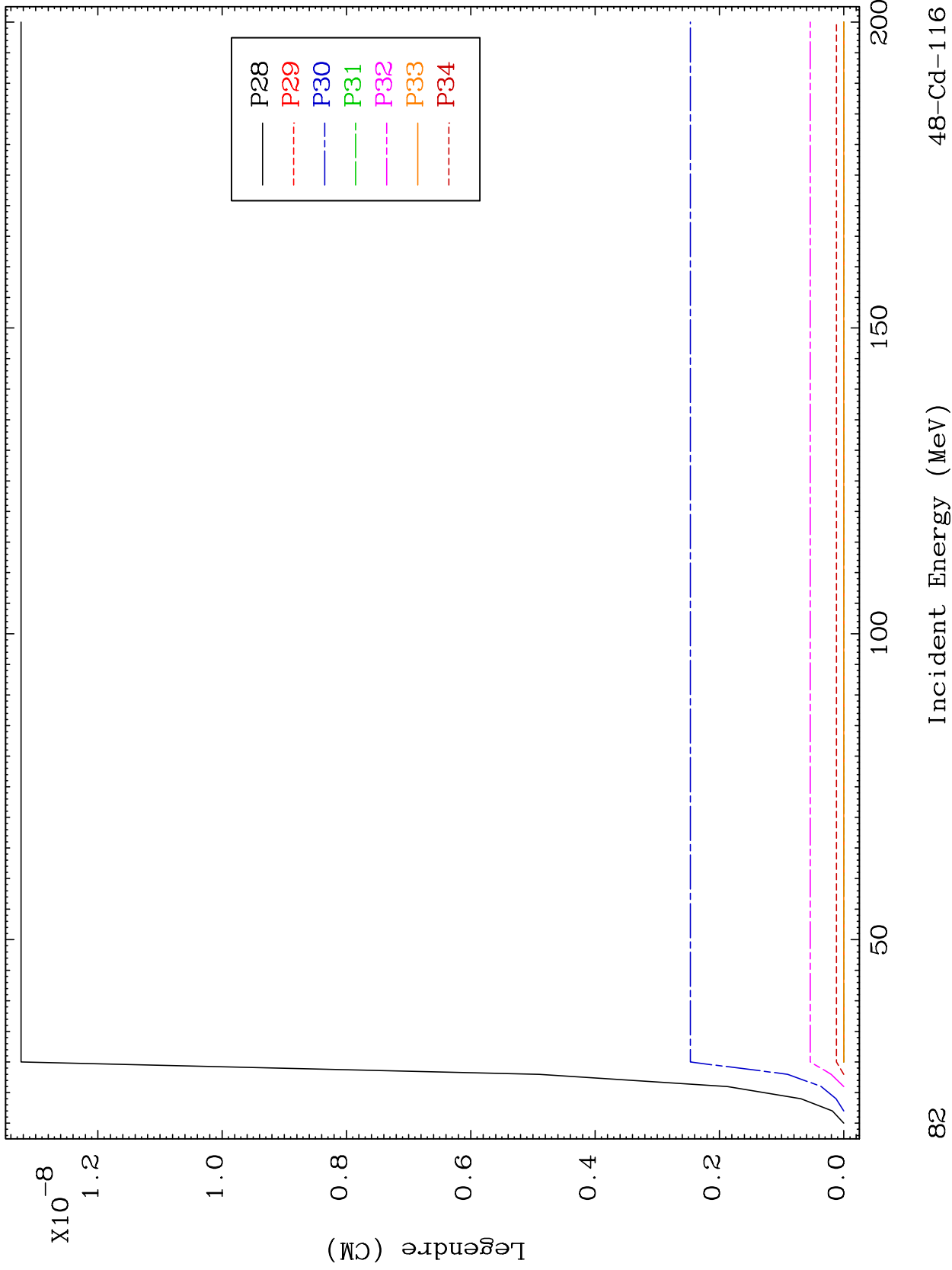
48-Cd-116



MAT 4855

2.189 MeV (n,n') Level
Legendre Coefficients

48-Cd-116



82

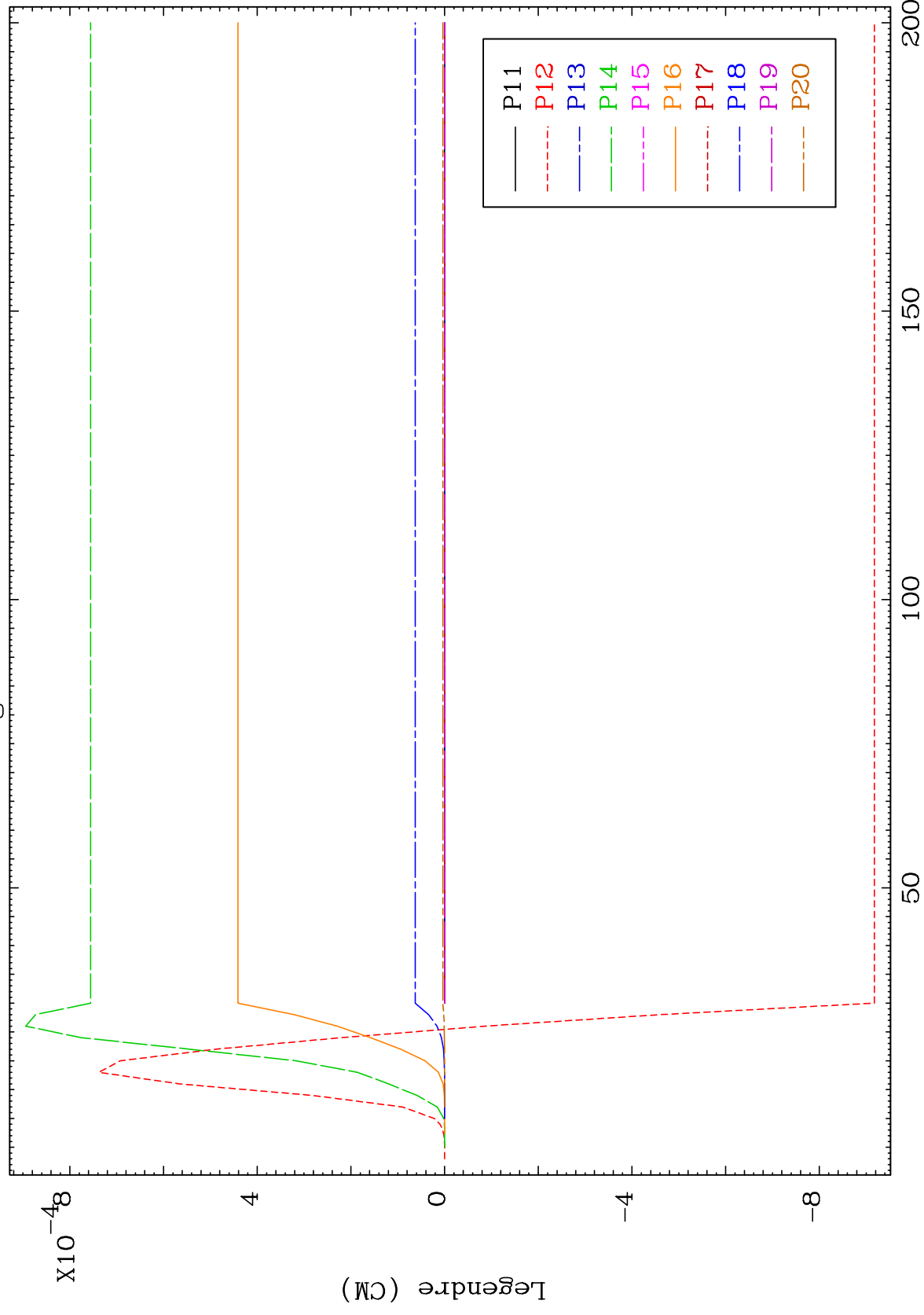
Incident Energy (MeV)

48-Cd-116

MAT 4855

2.195 MeV (n,n') Level
Legendre Coefficients

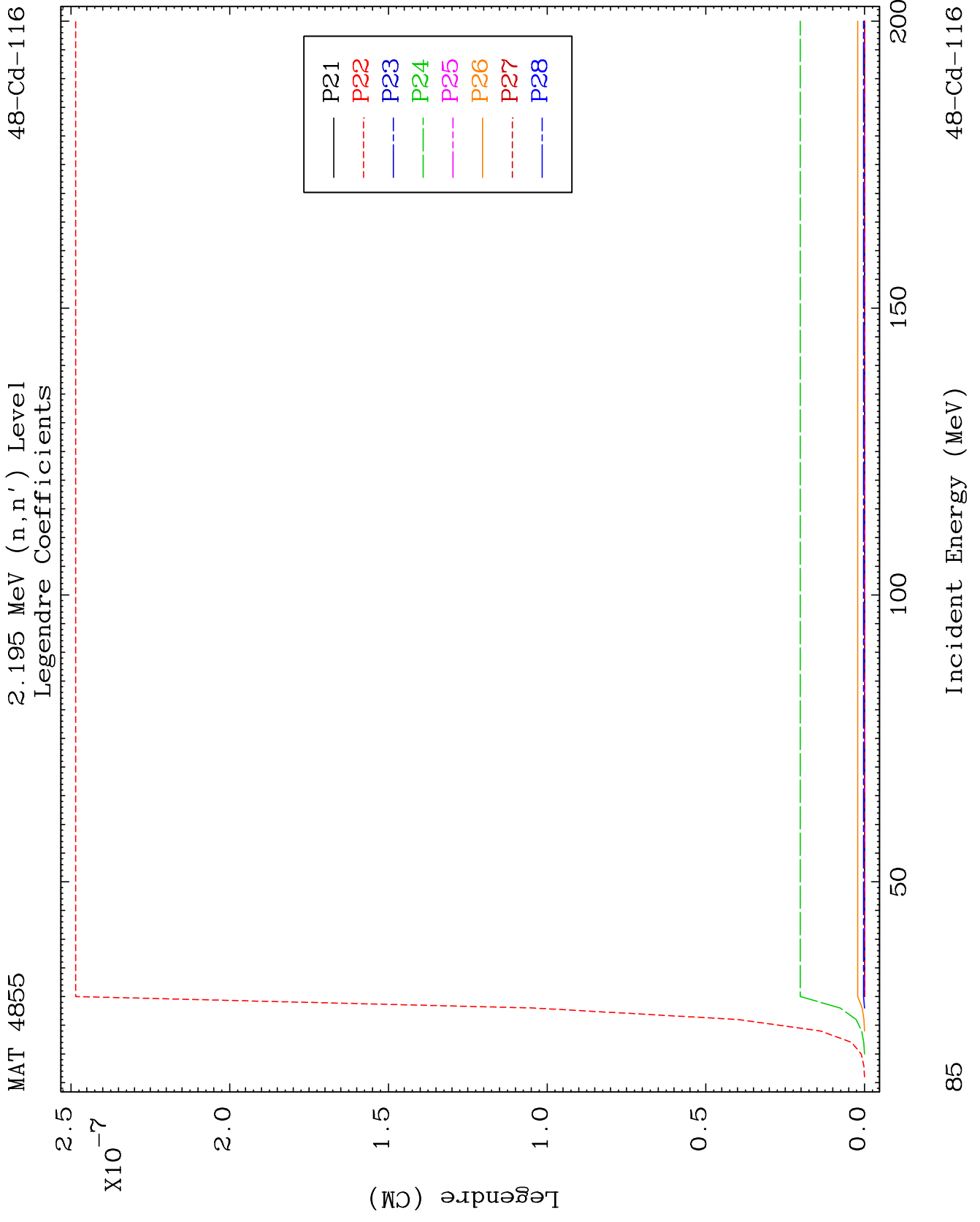
48-Cd-116

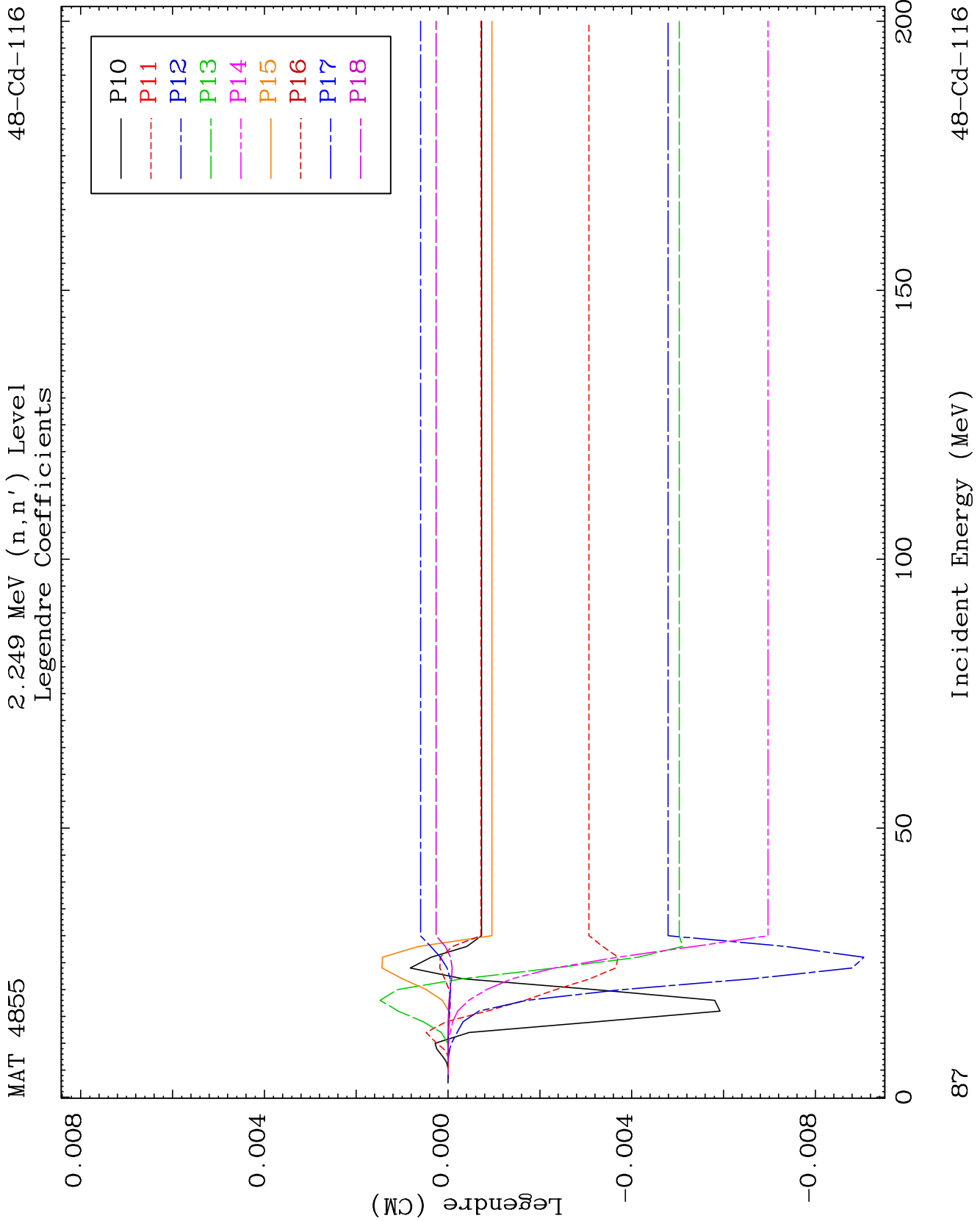


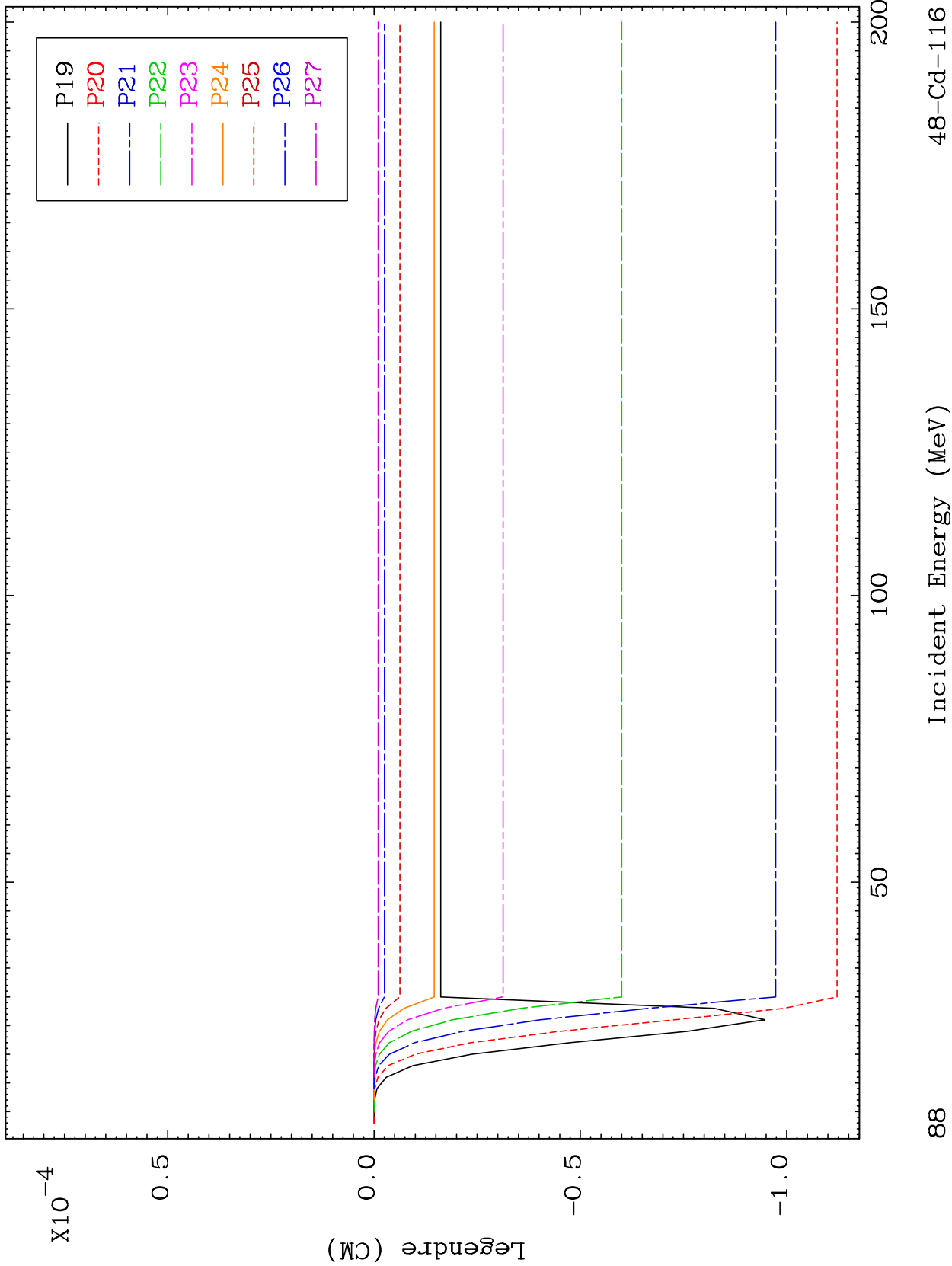
84

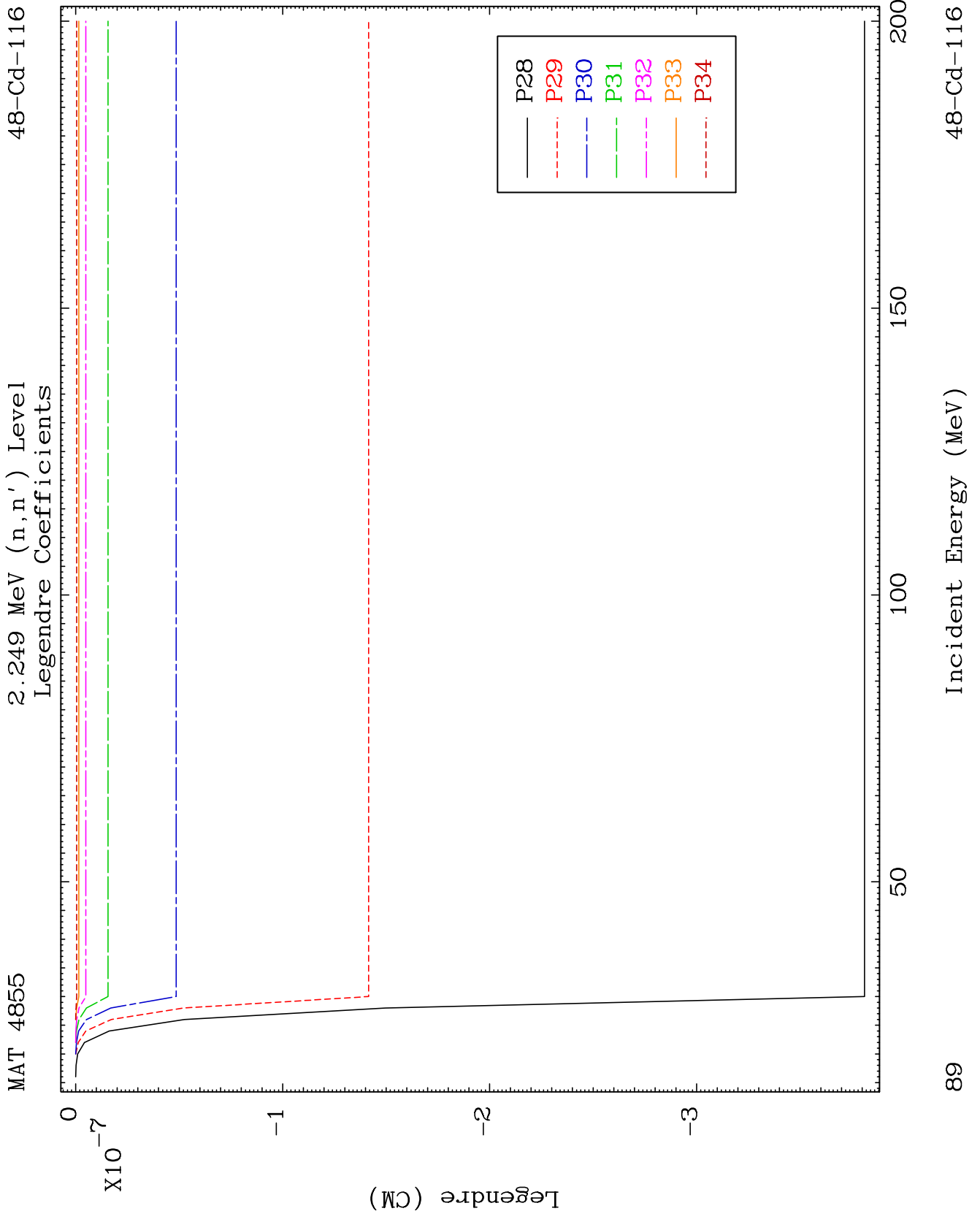
Incident Energy (MeV)

48-Cd-116





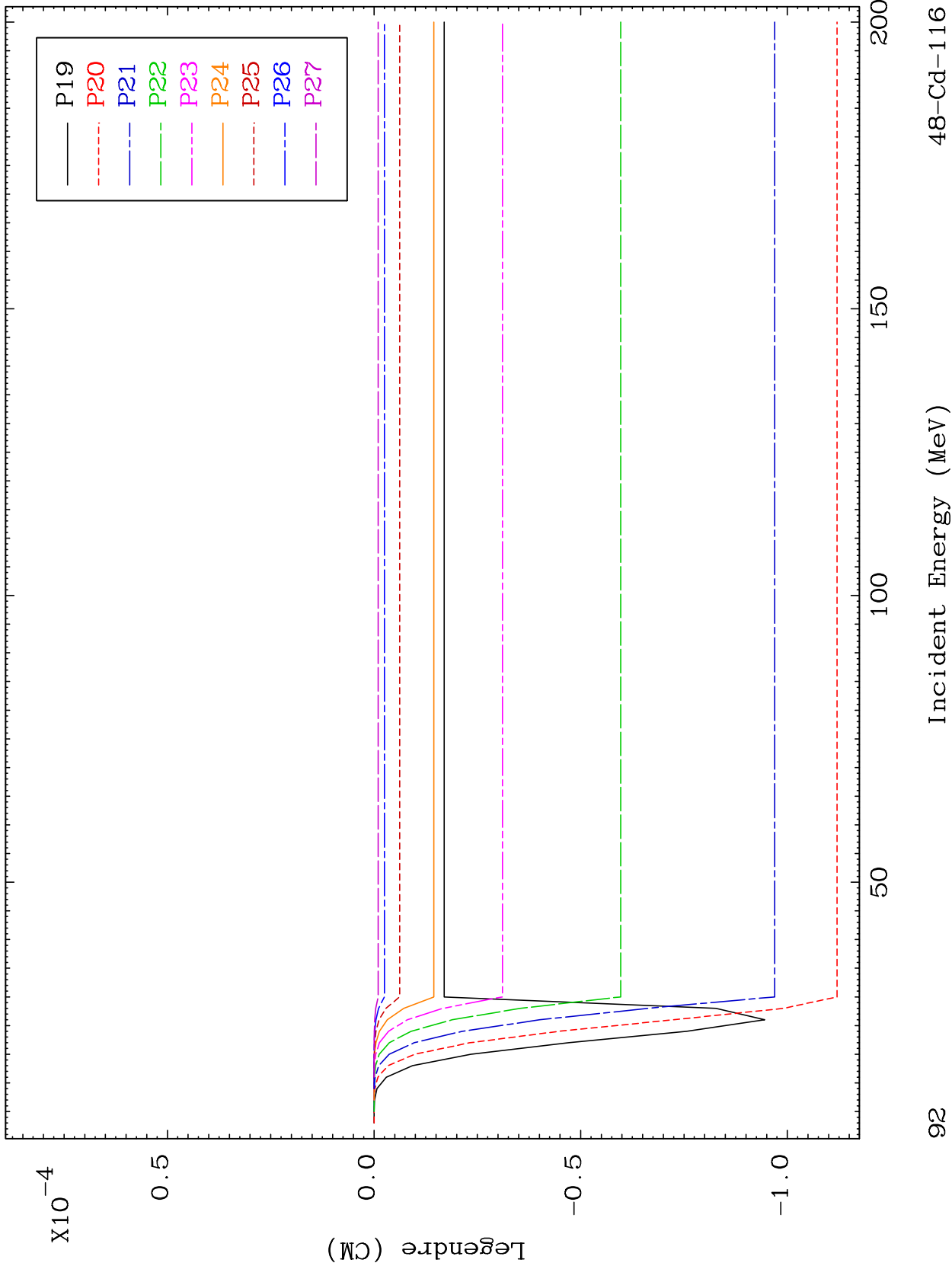


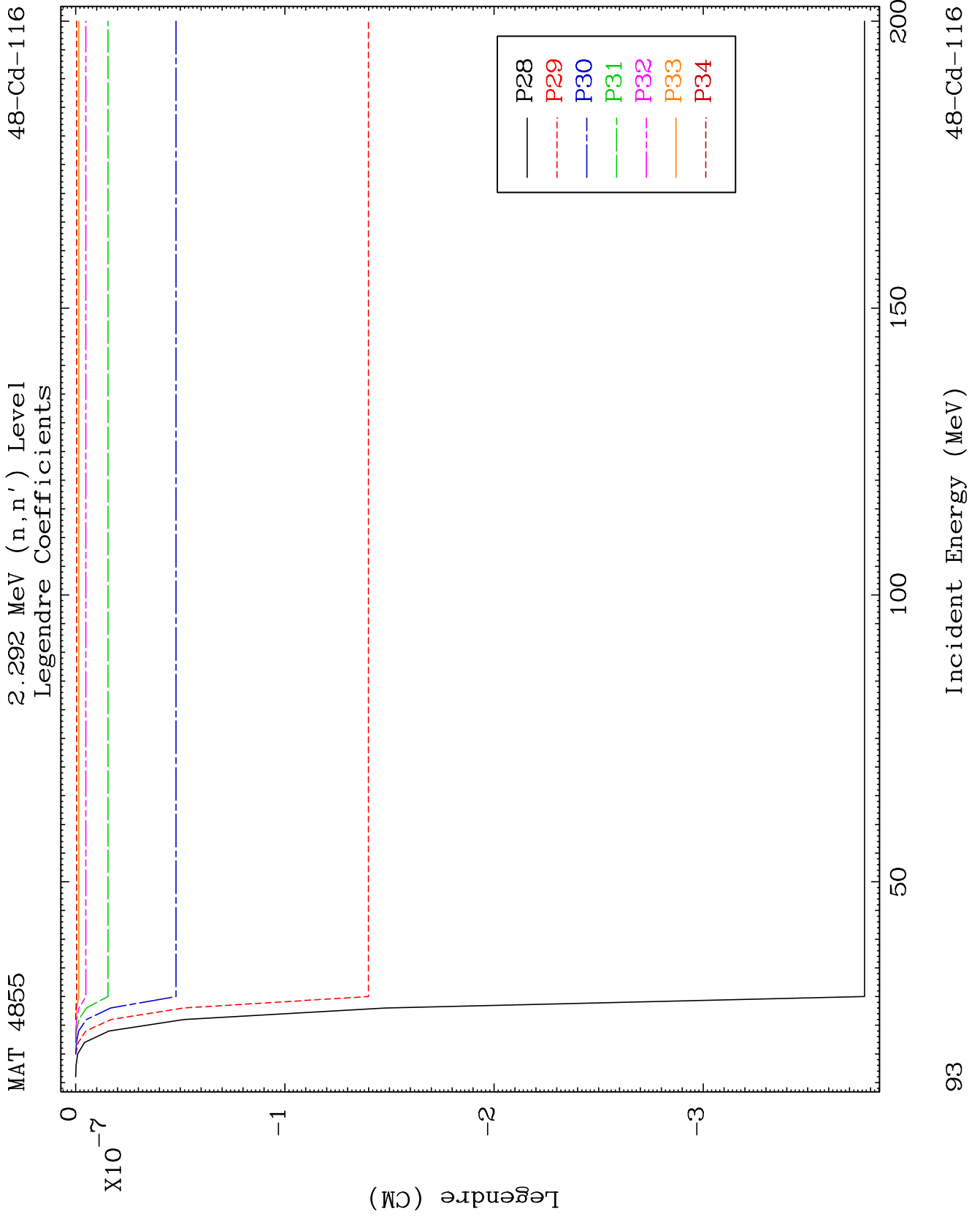


MAT 4855

2.292 MeV (n, n') Level
Legendre Coefficients

48-Cd-116

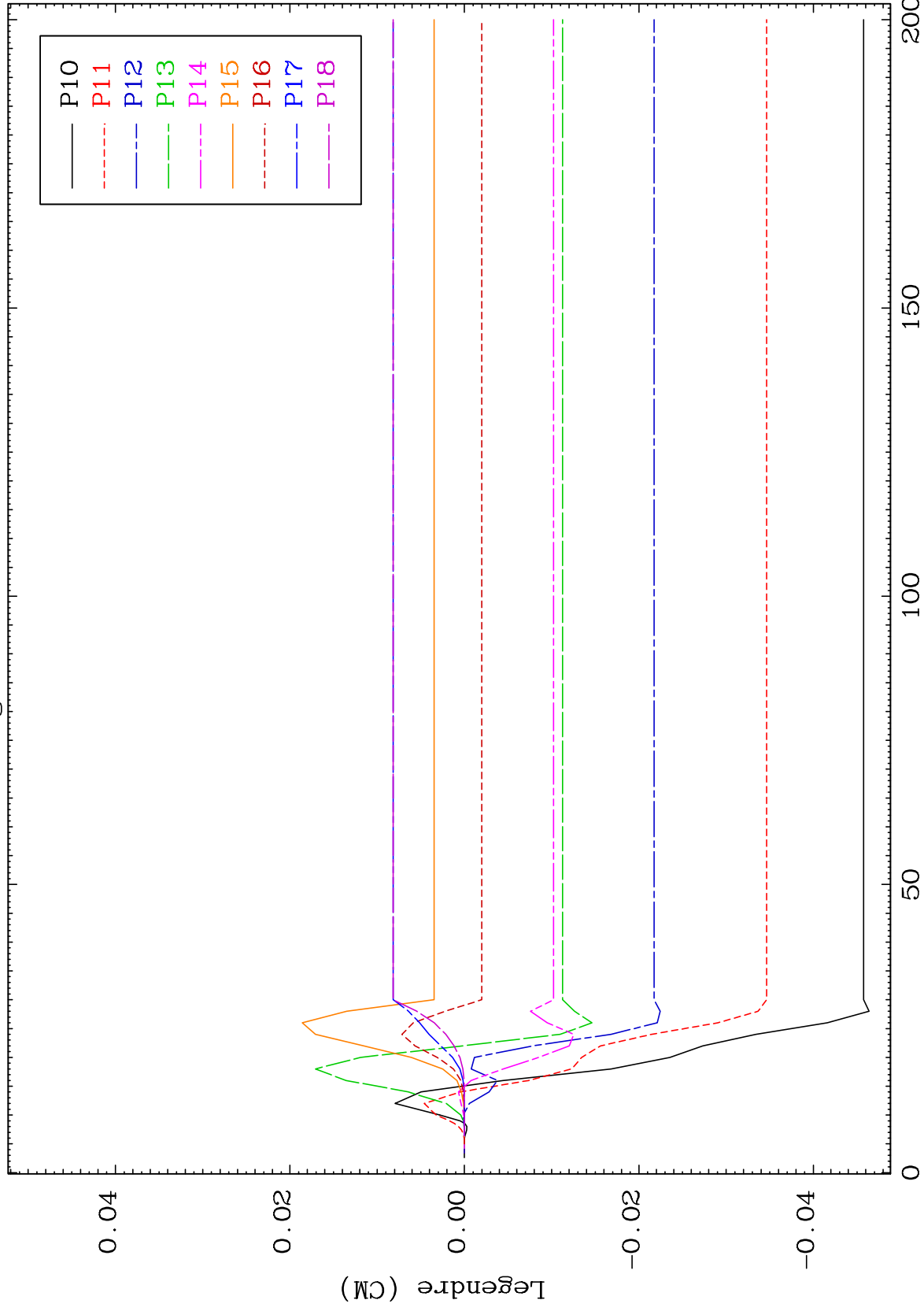




MAT 4855

2.293 MeV (n,n') Level
Legendre Coefficients

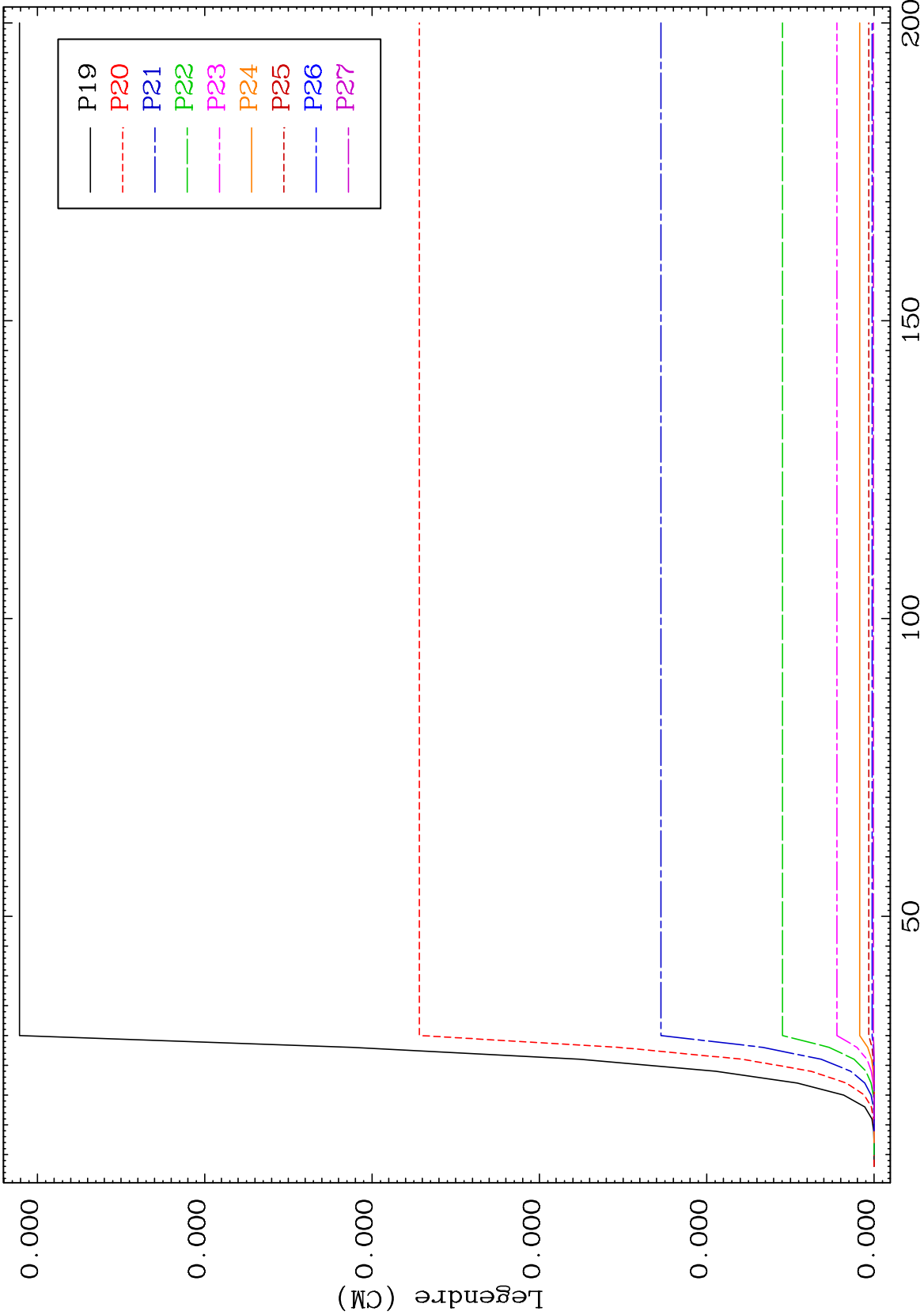
48-Cd-116



95

Incident Energy (MeV)

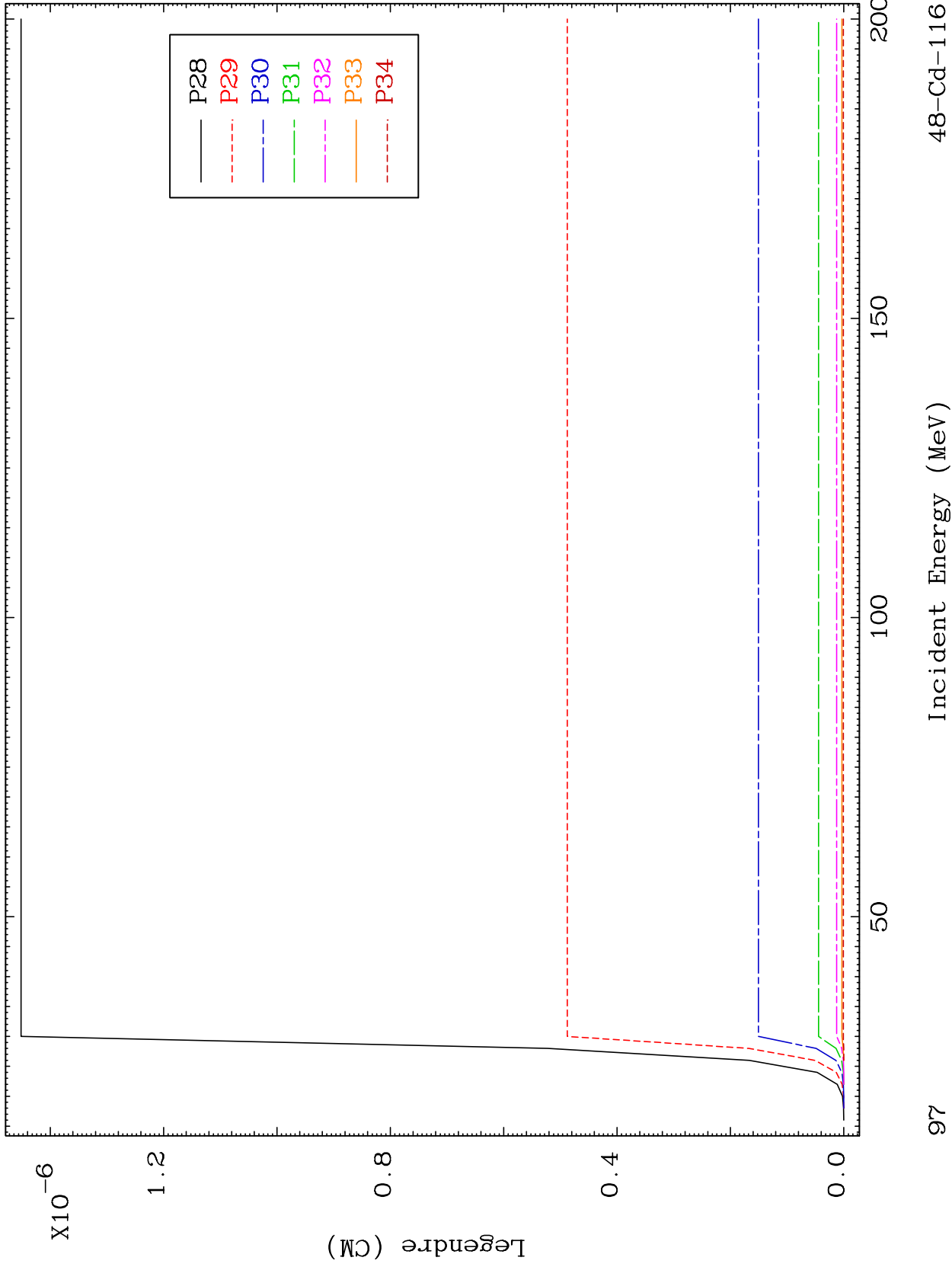
48-Cd-116

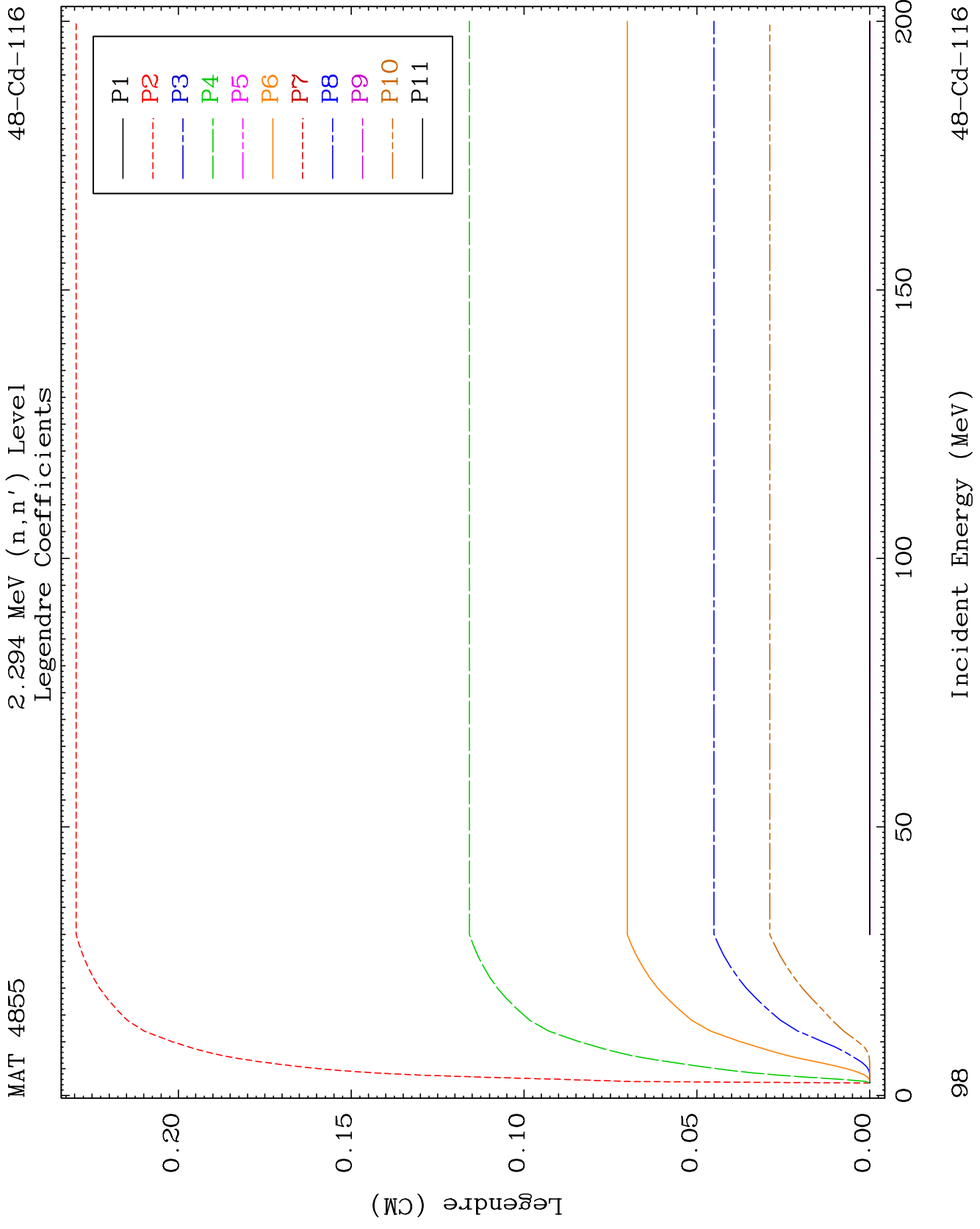


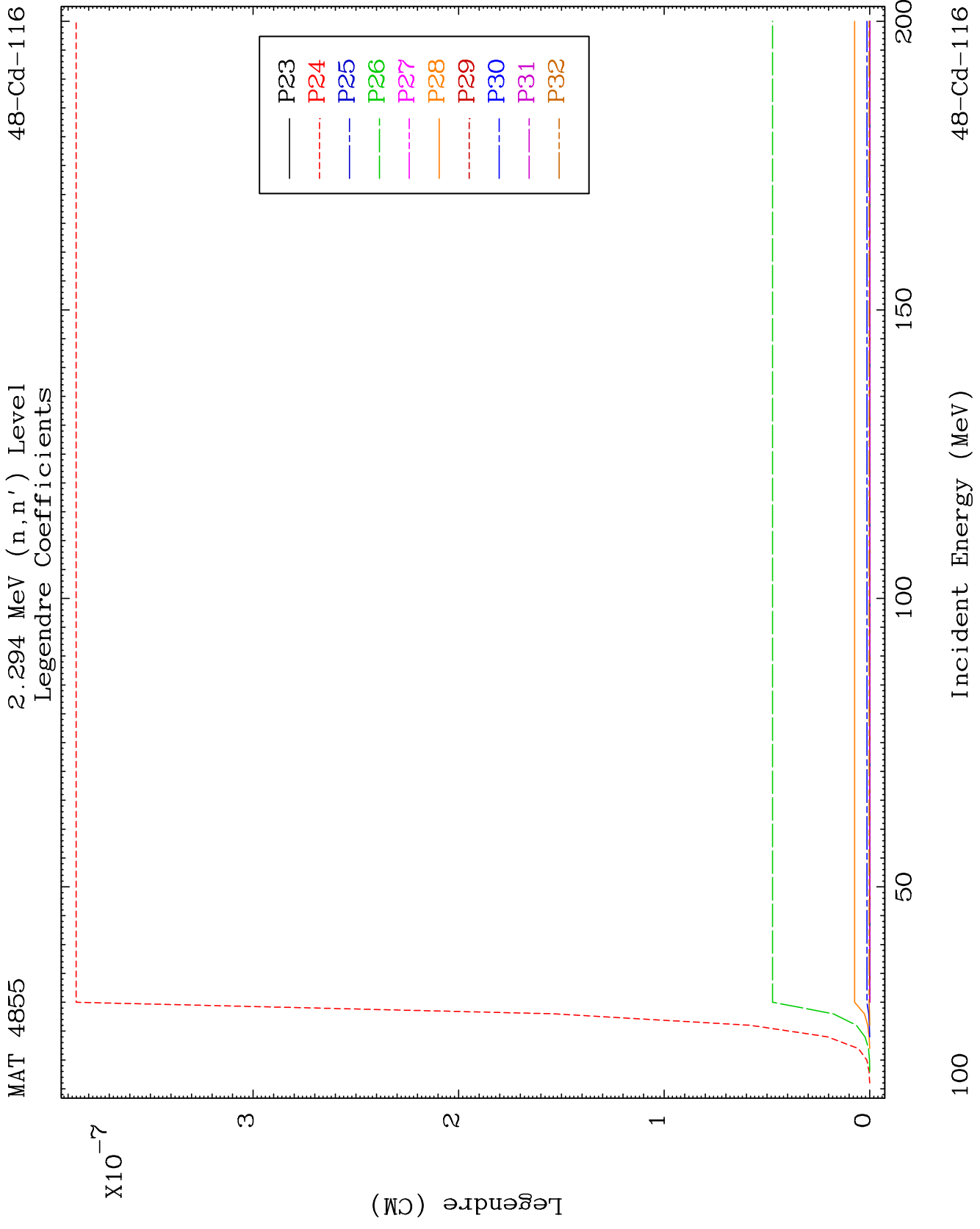
MAT 4855

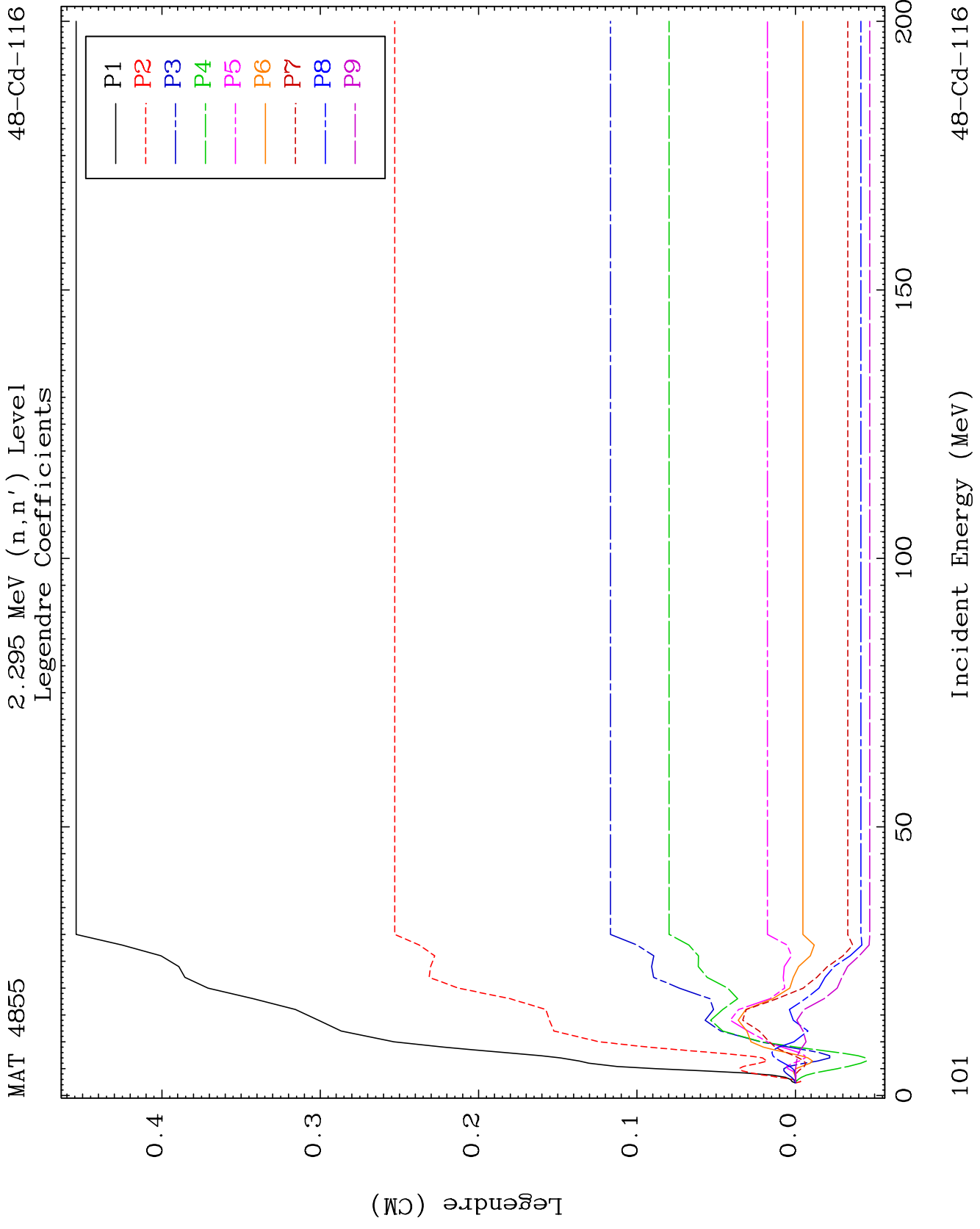
2.293 MeV (n,n') Level
Legendre Coefficients

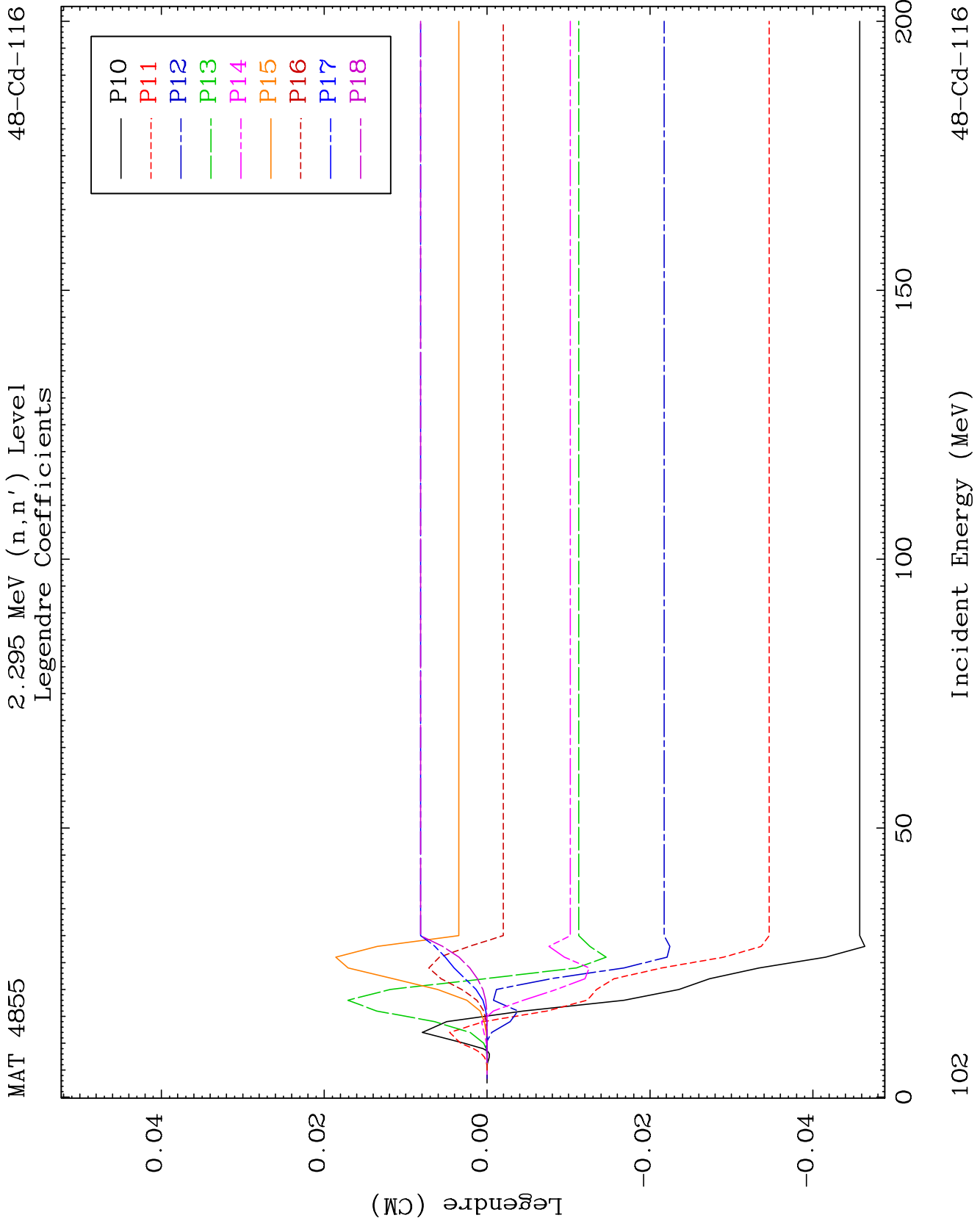
48-Cd-116

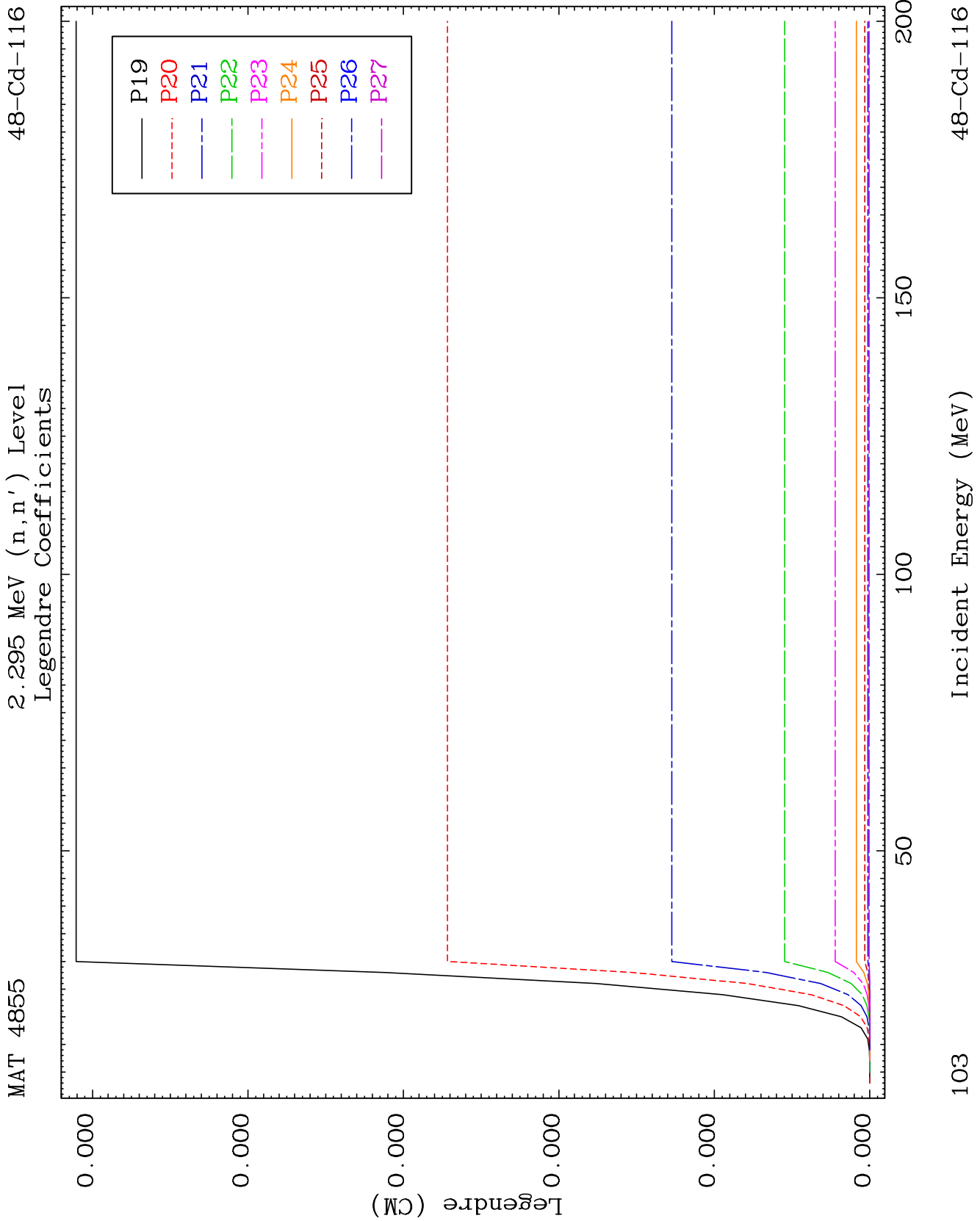


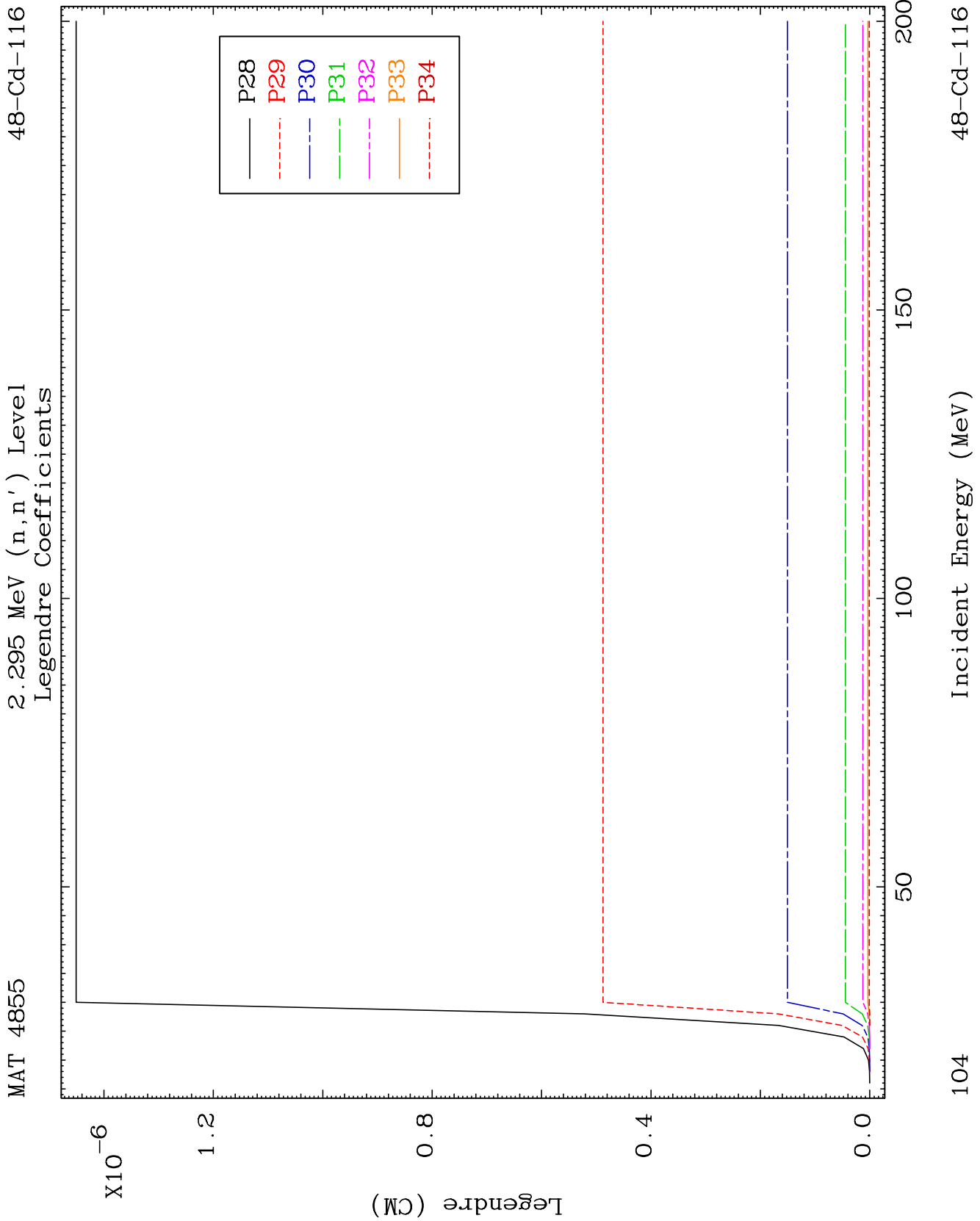


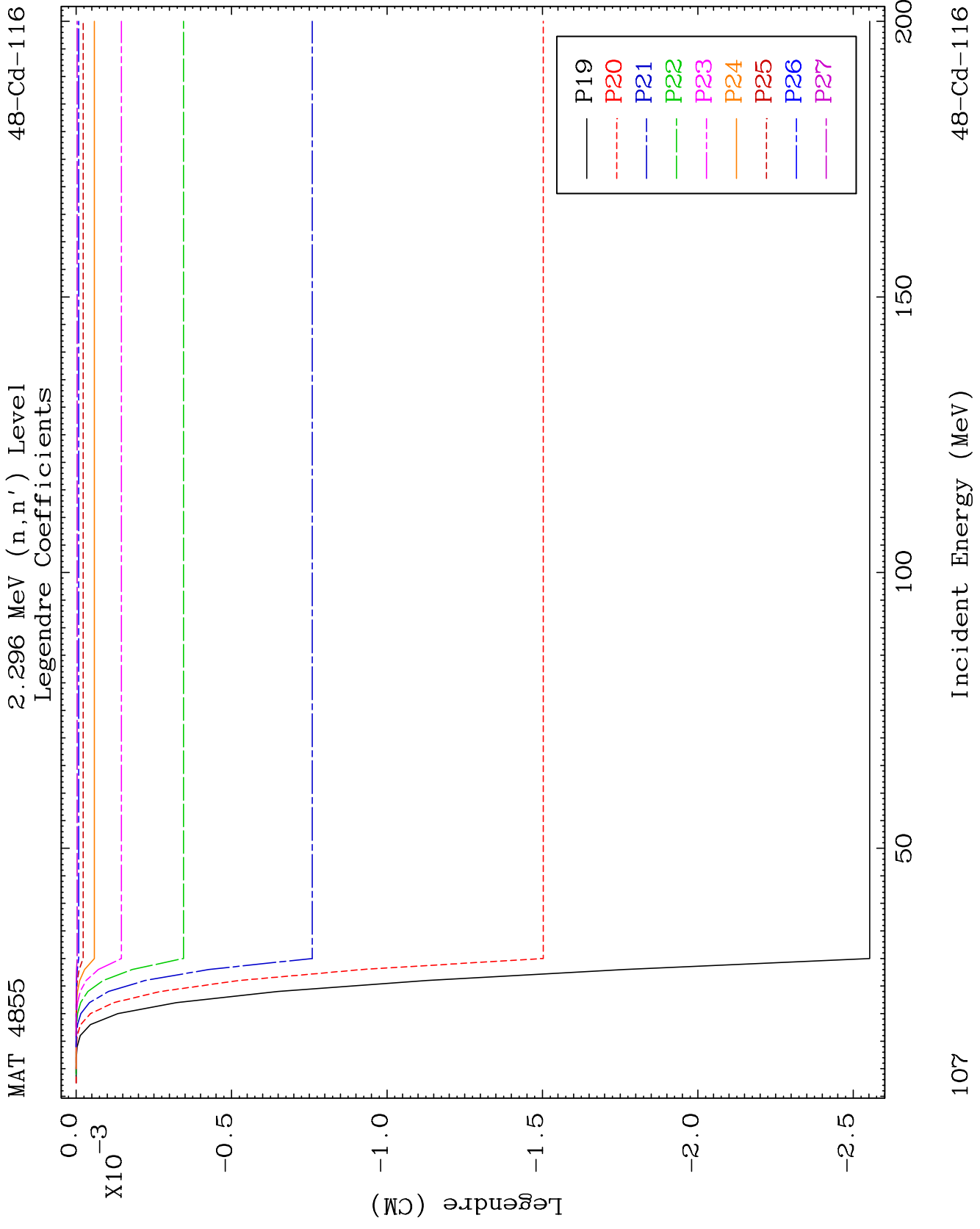


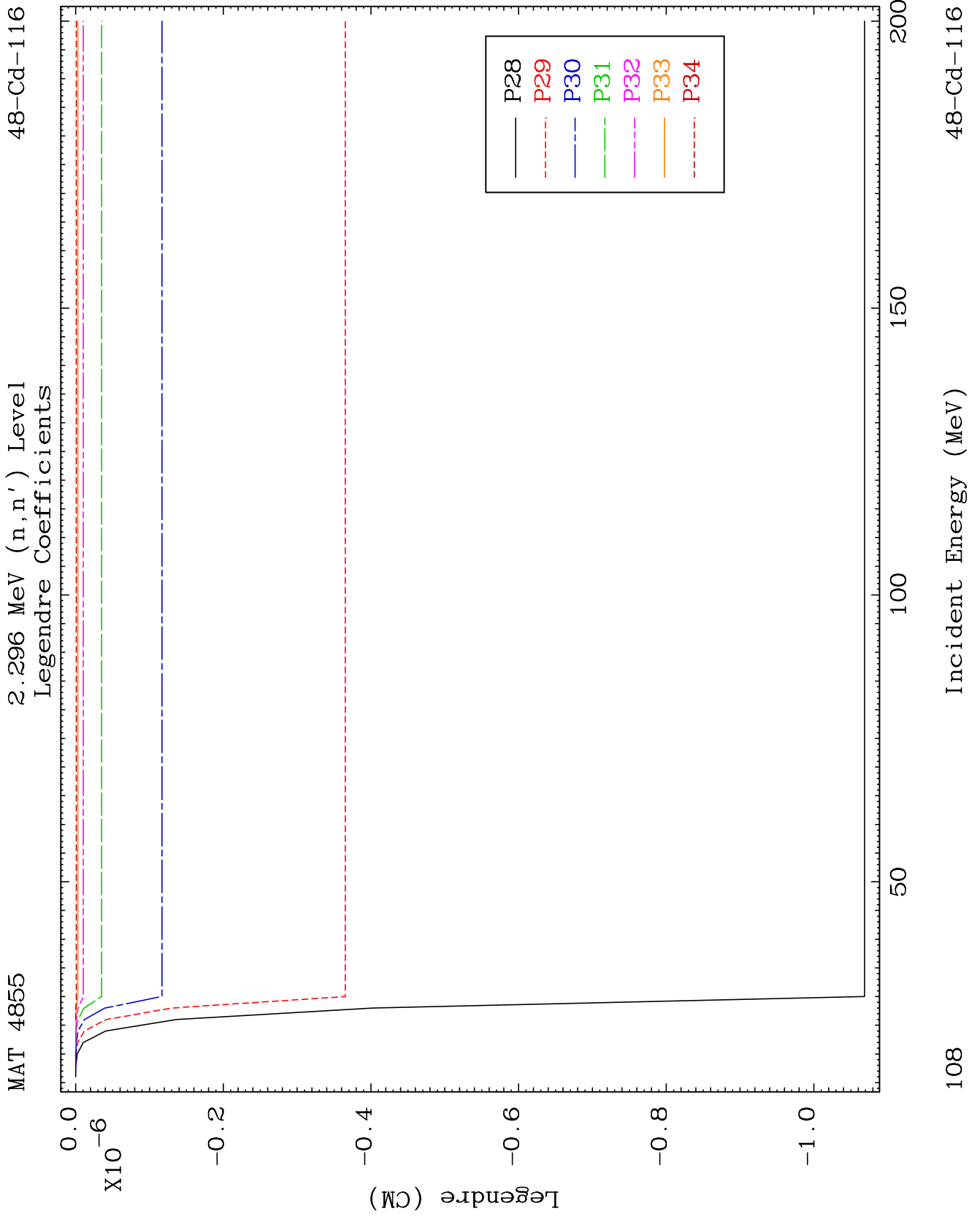


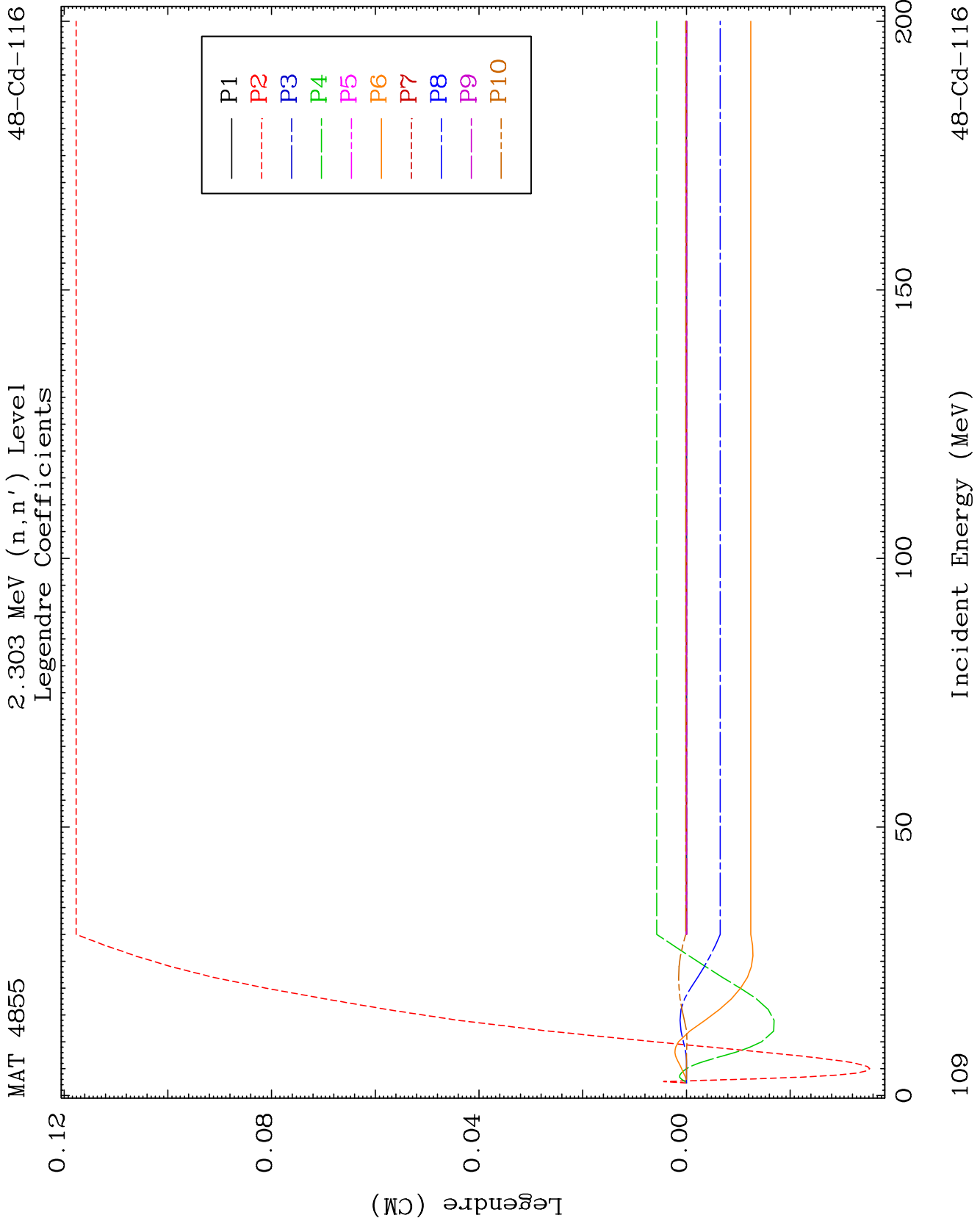


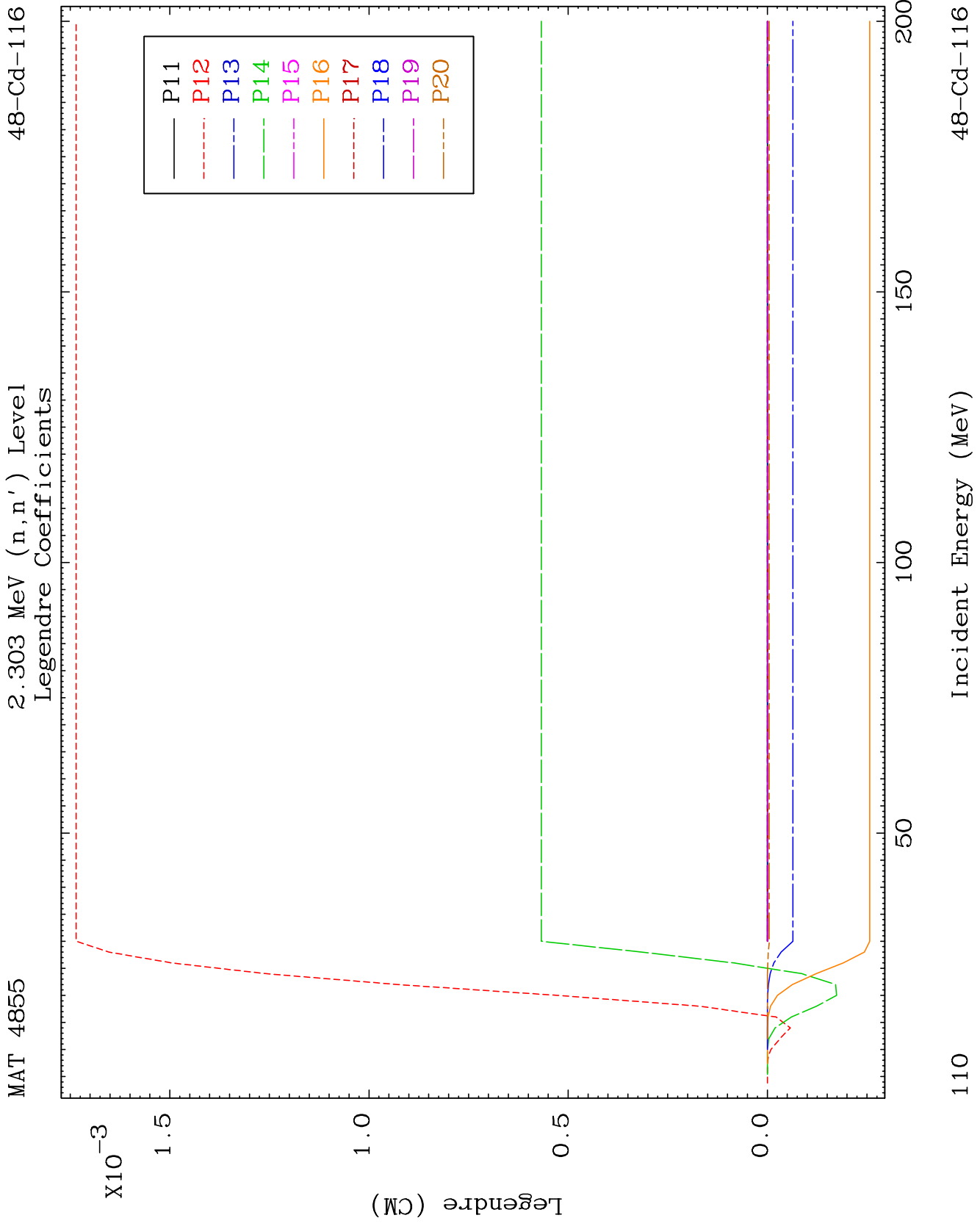


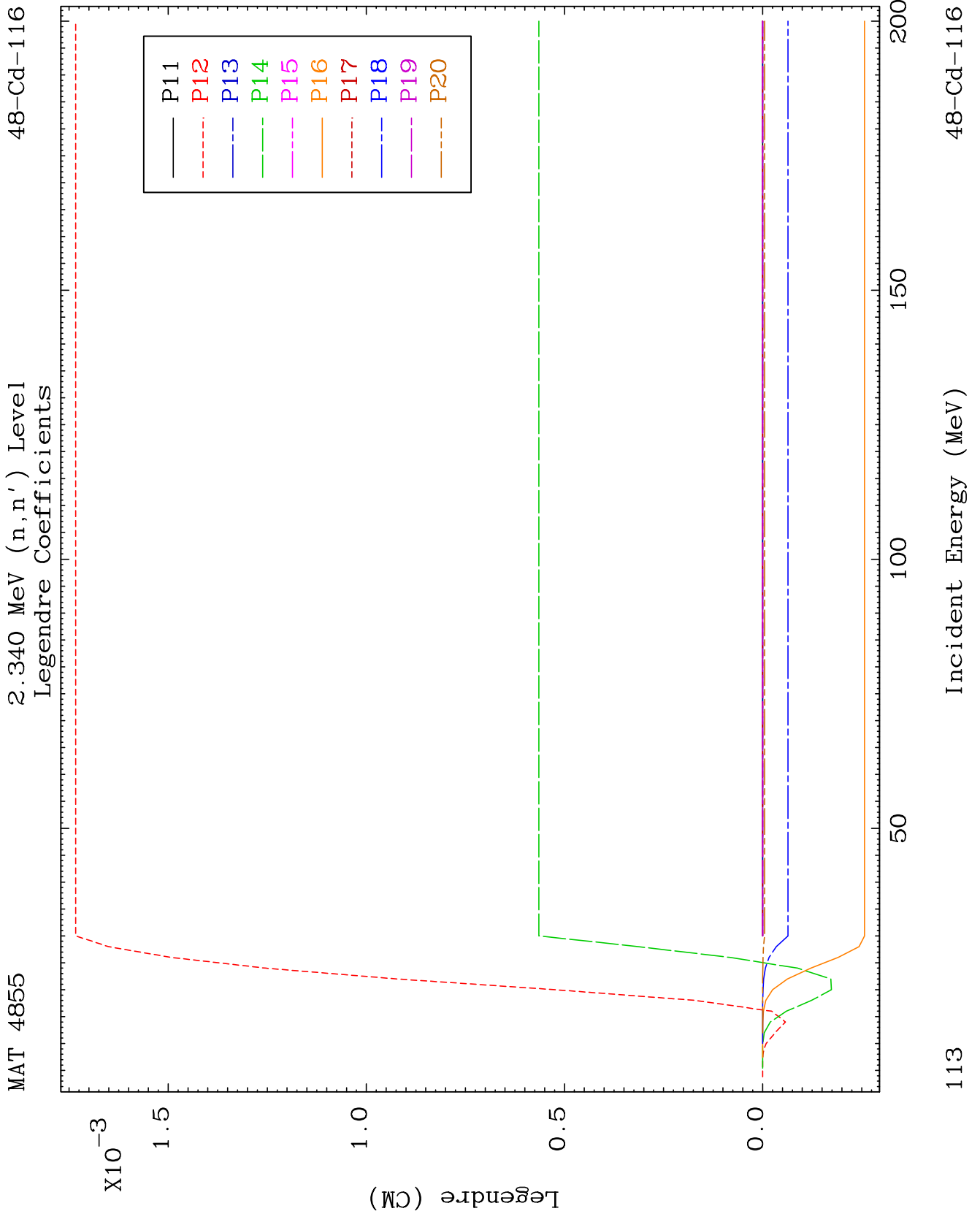


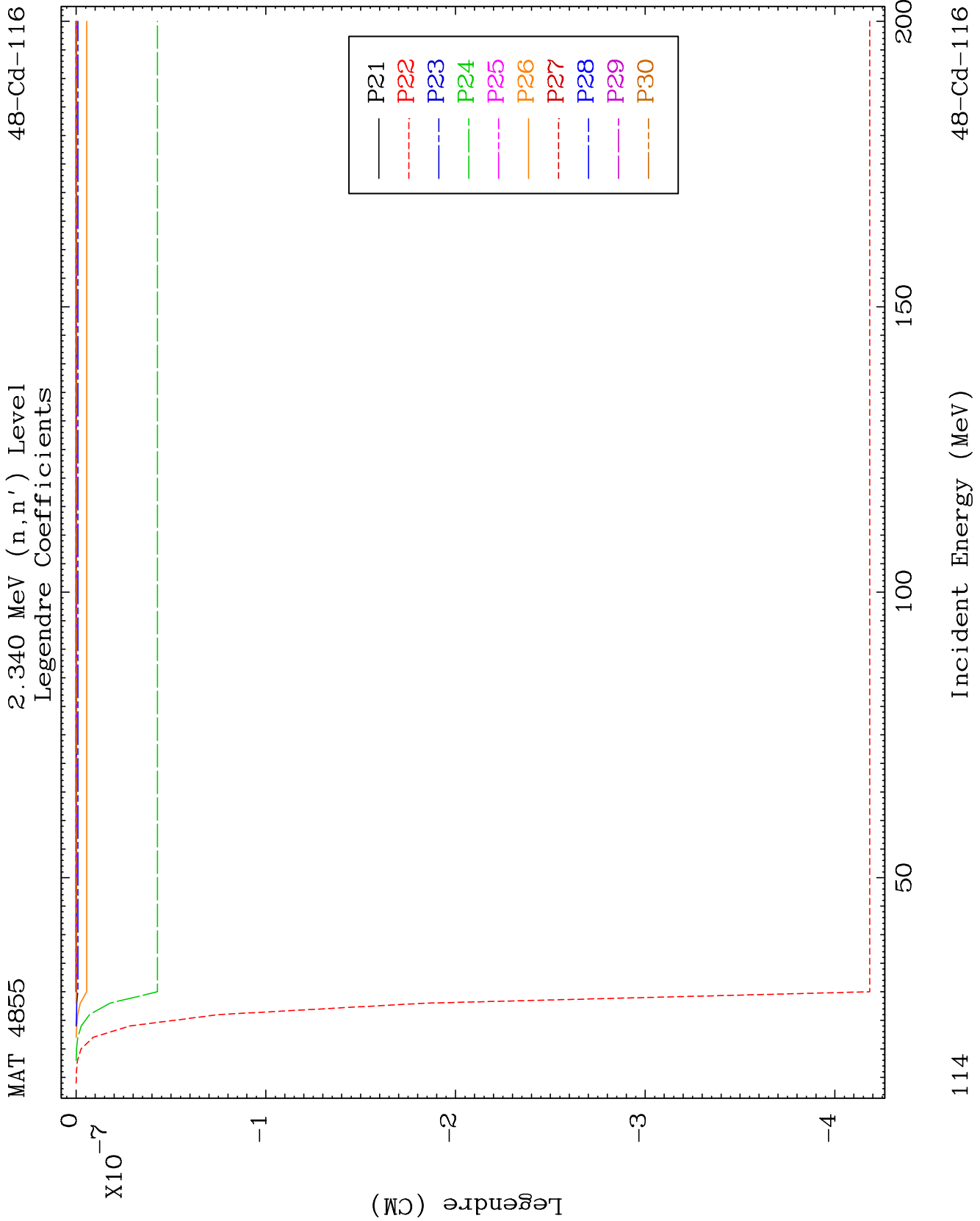


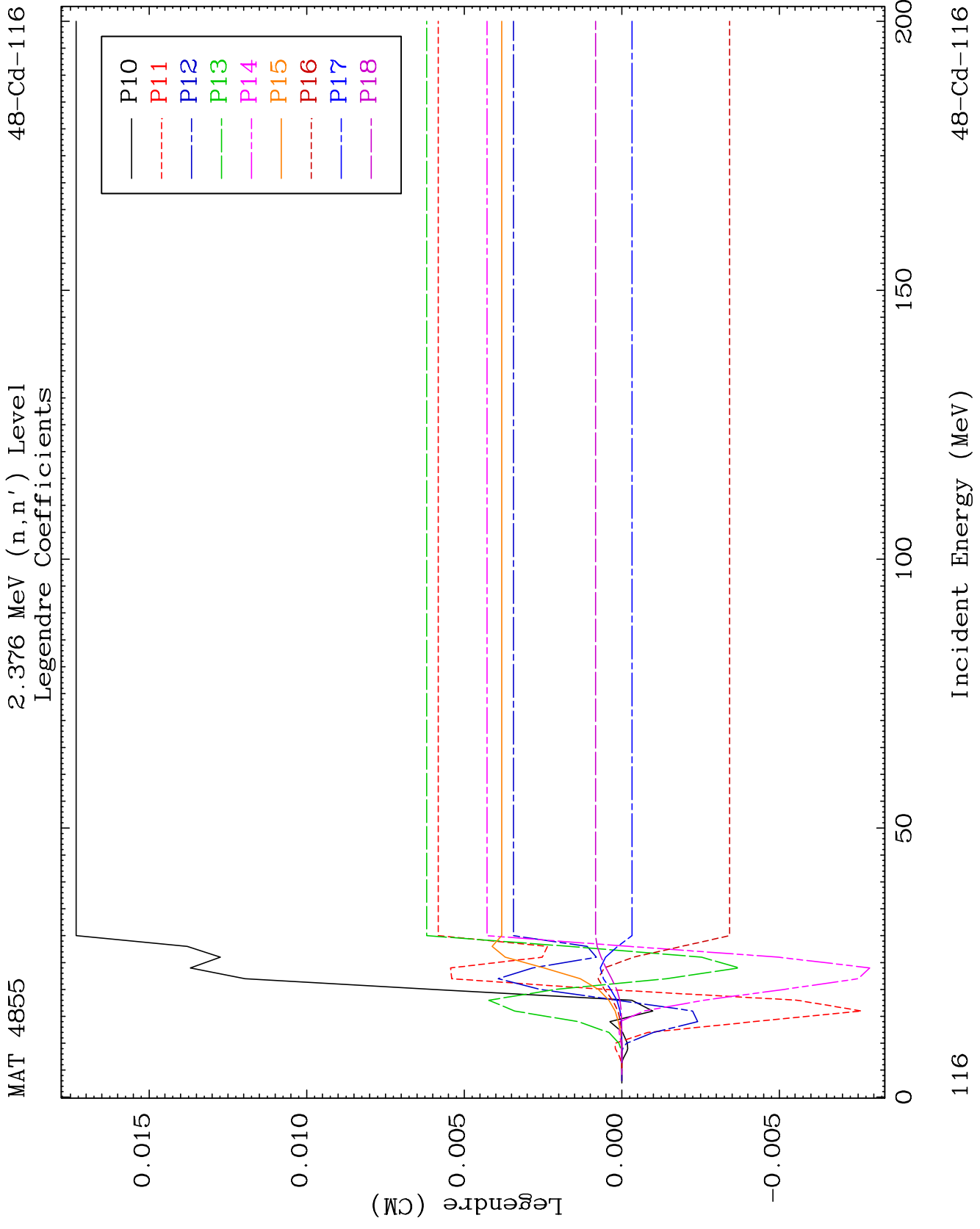


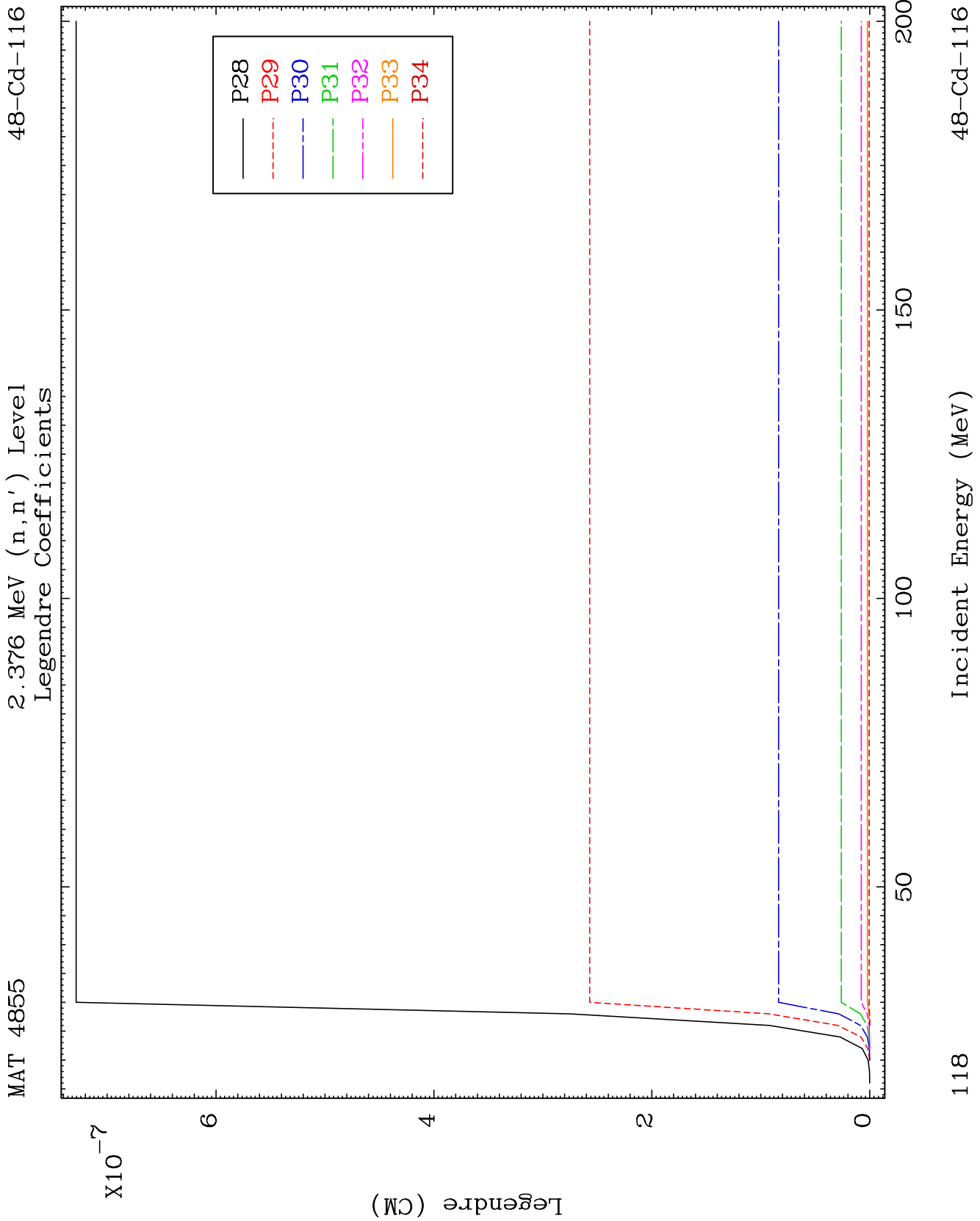


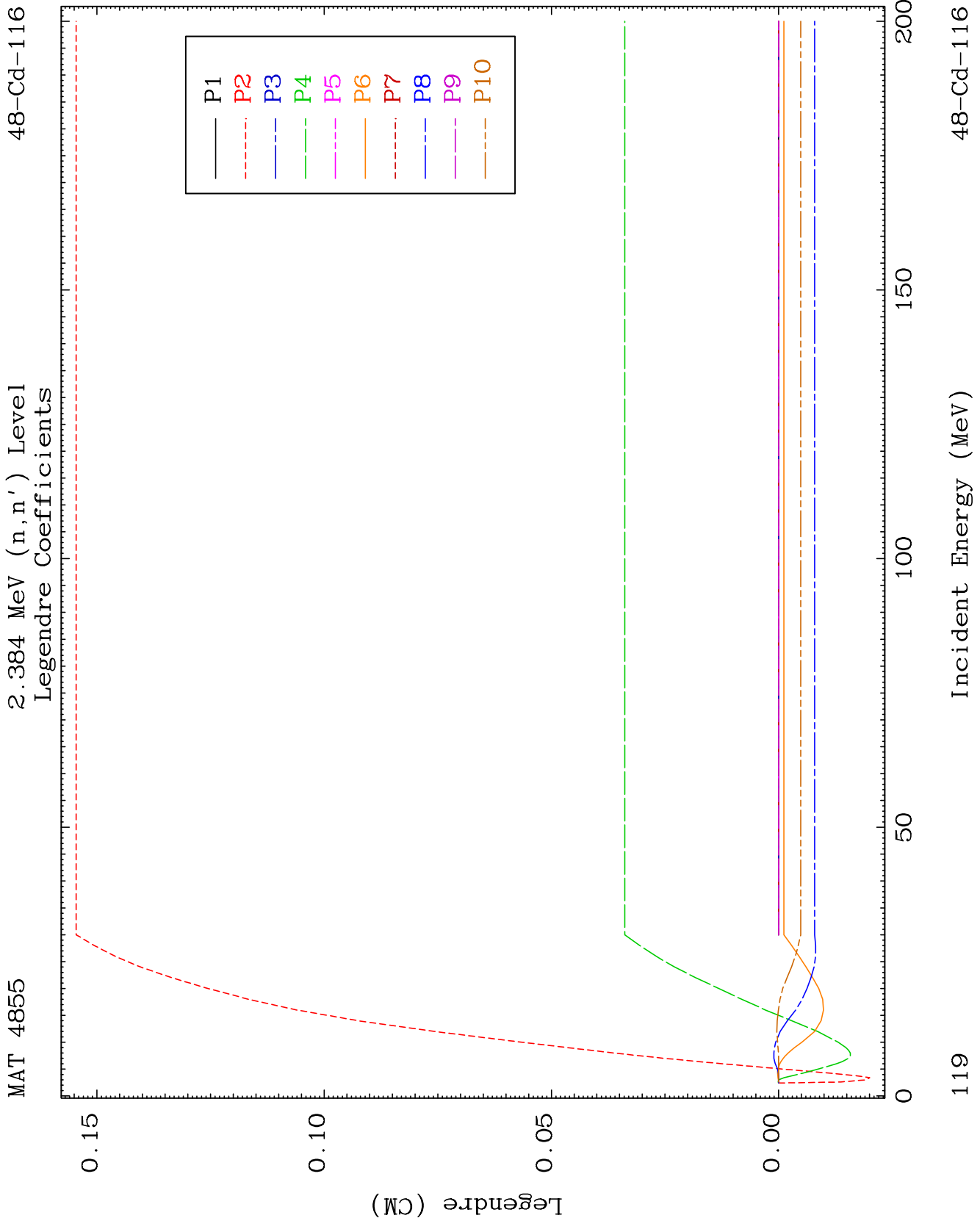


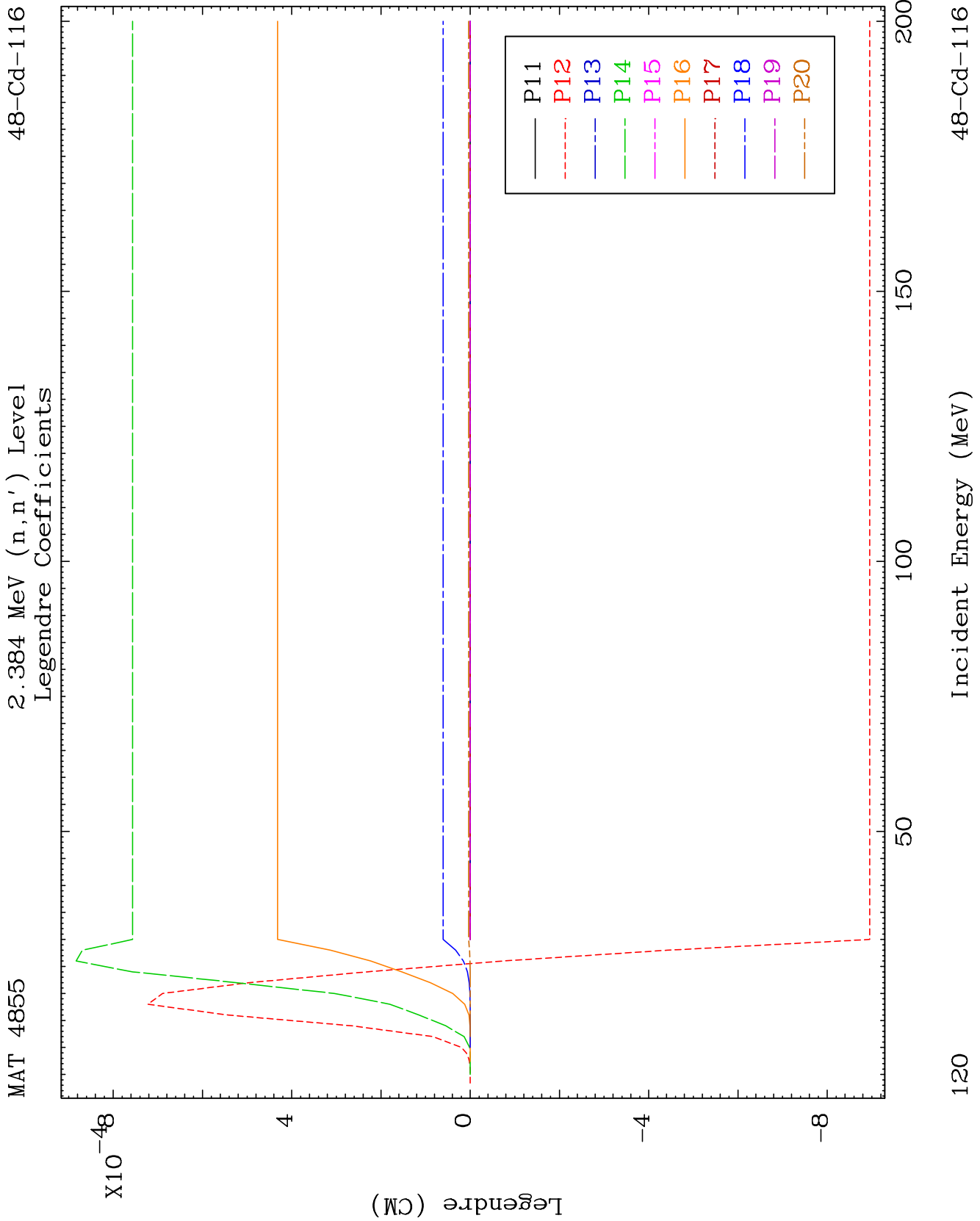


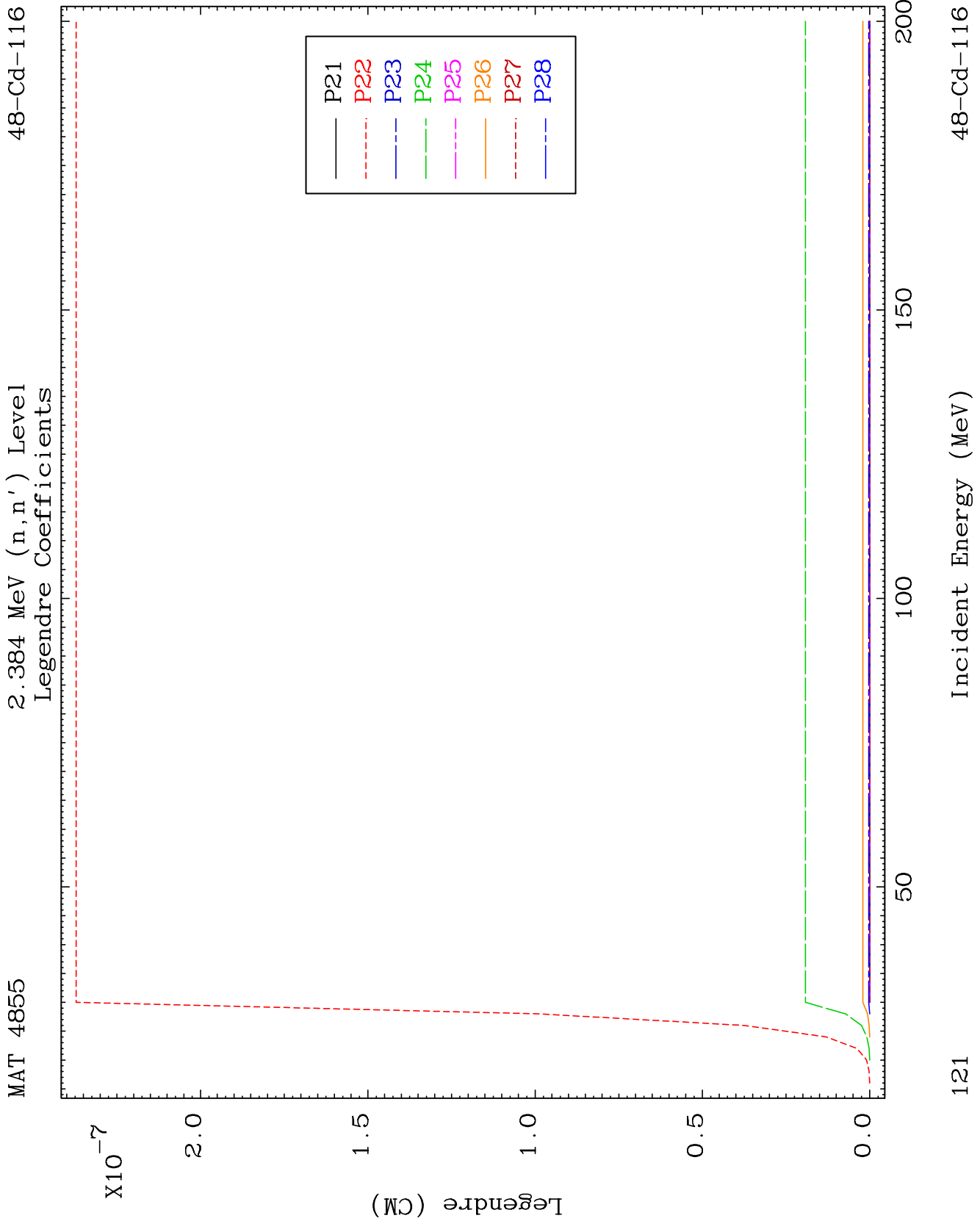


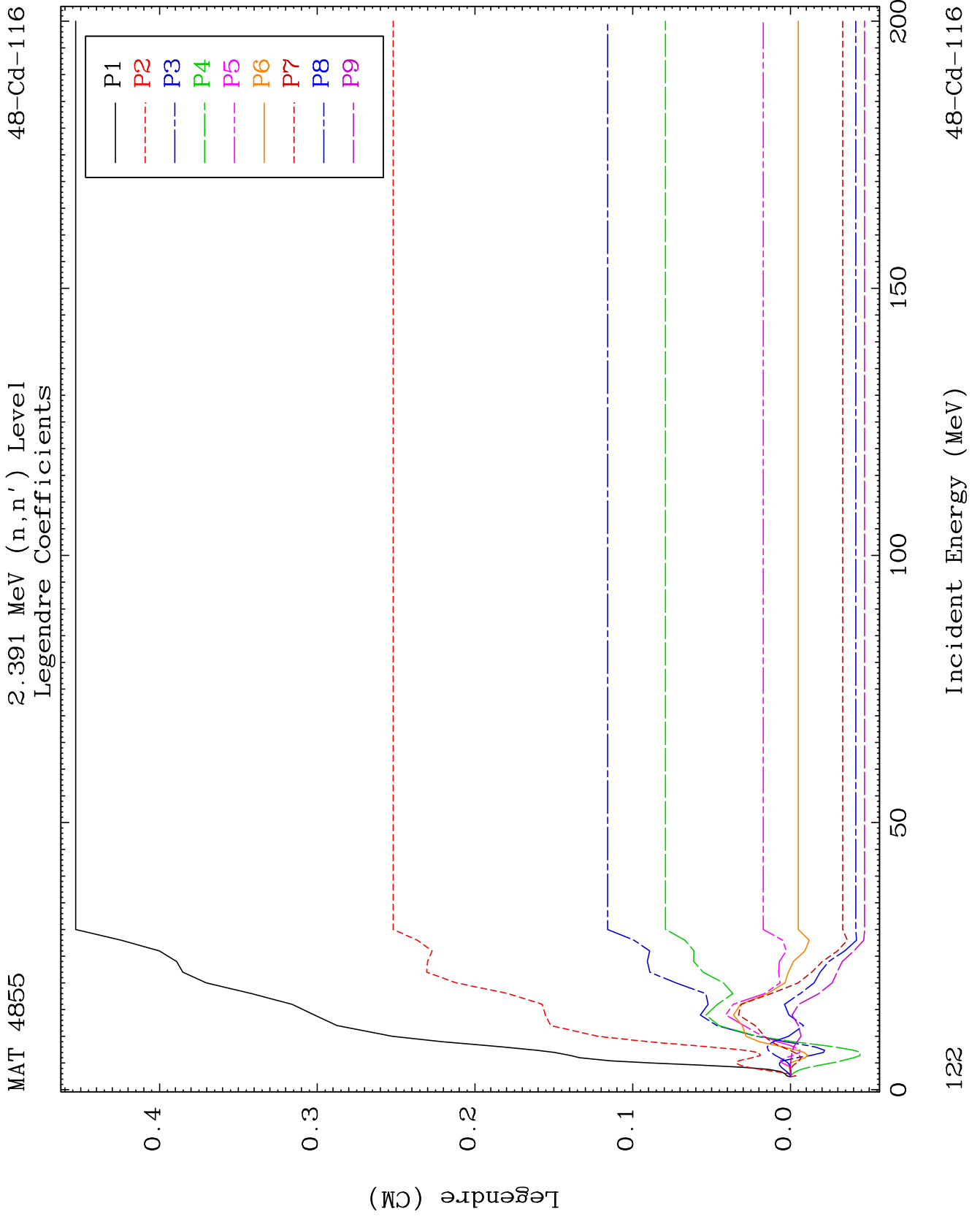


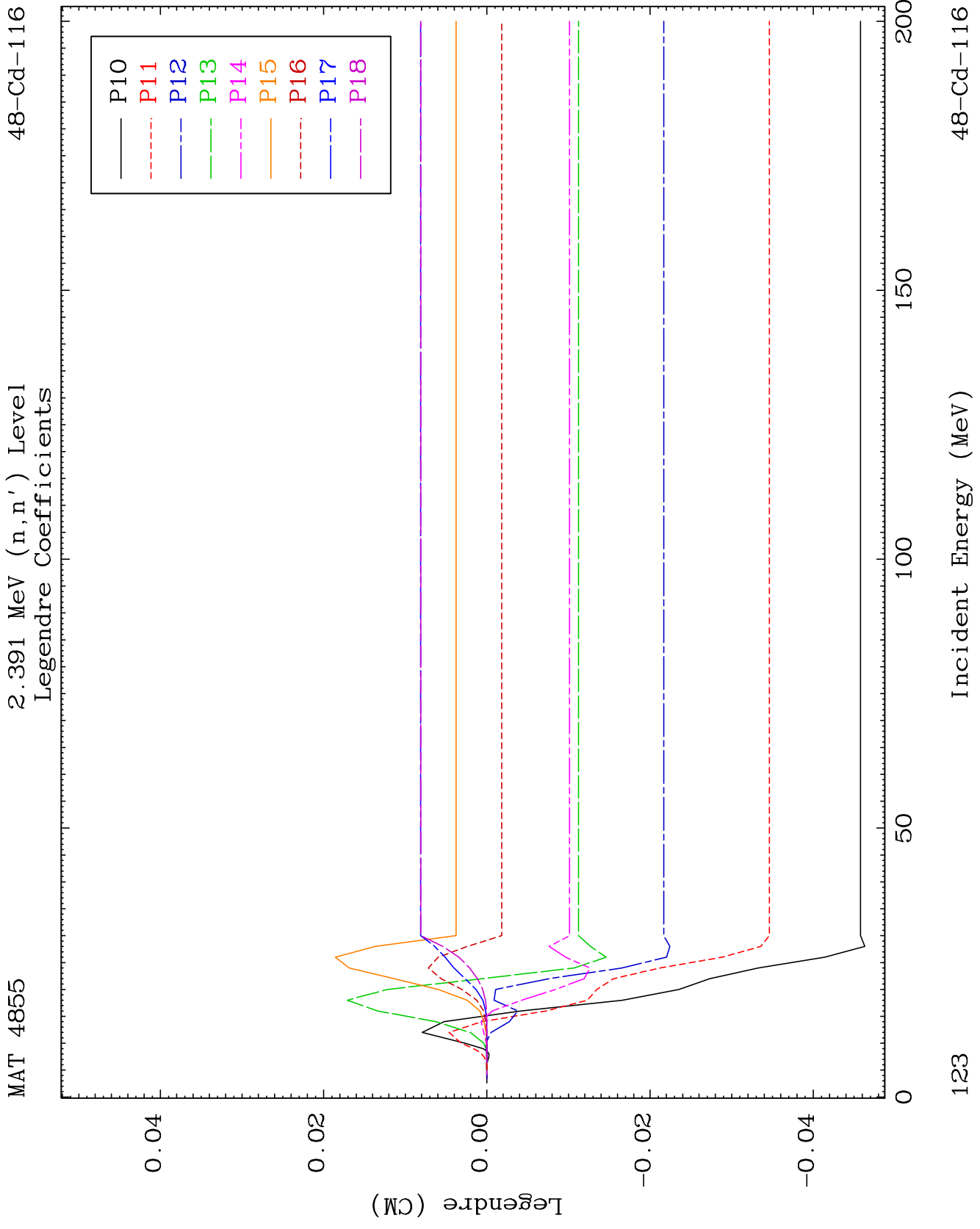


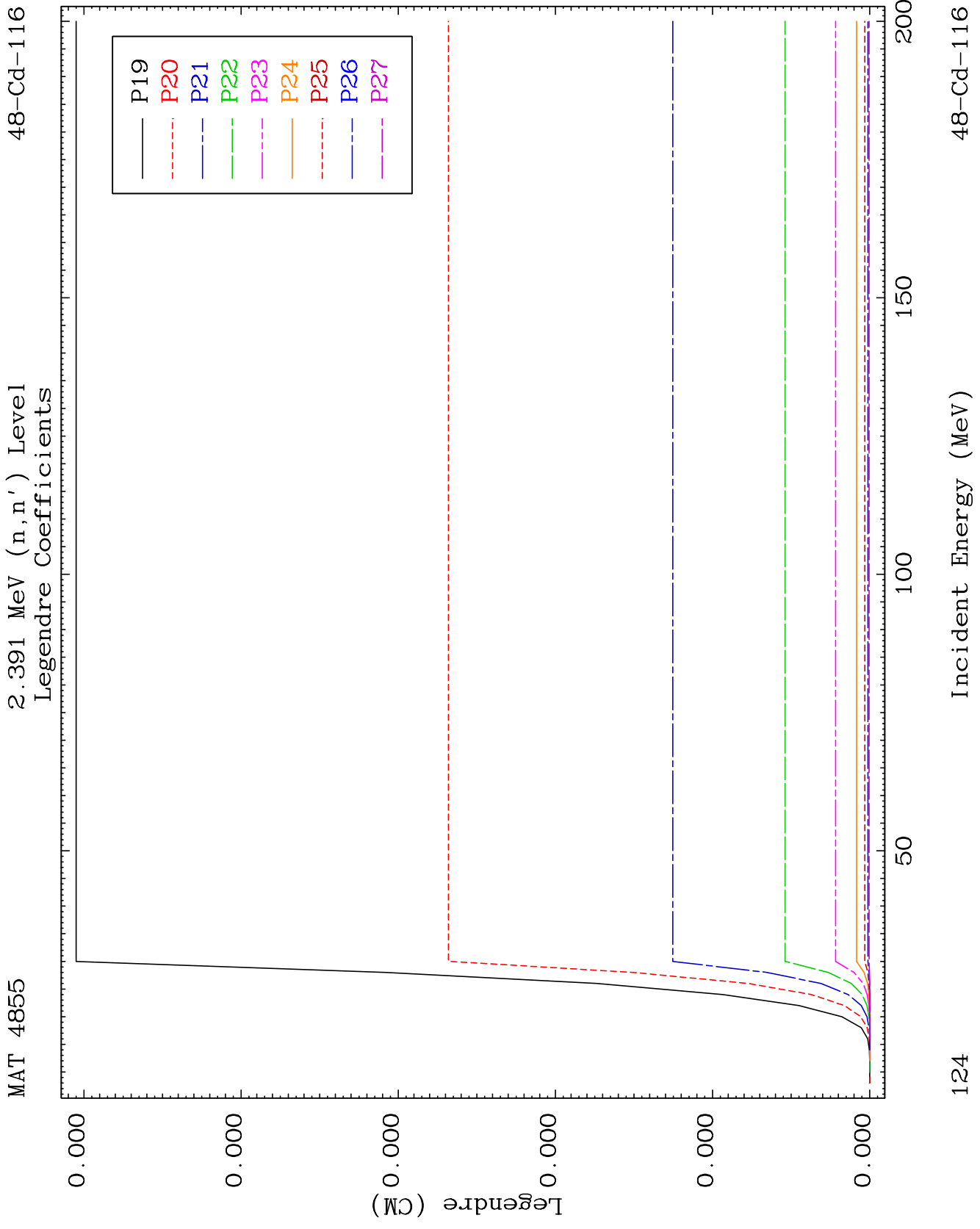


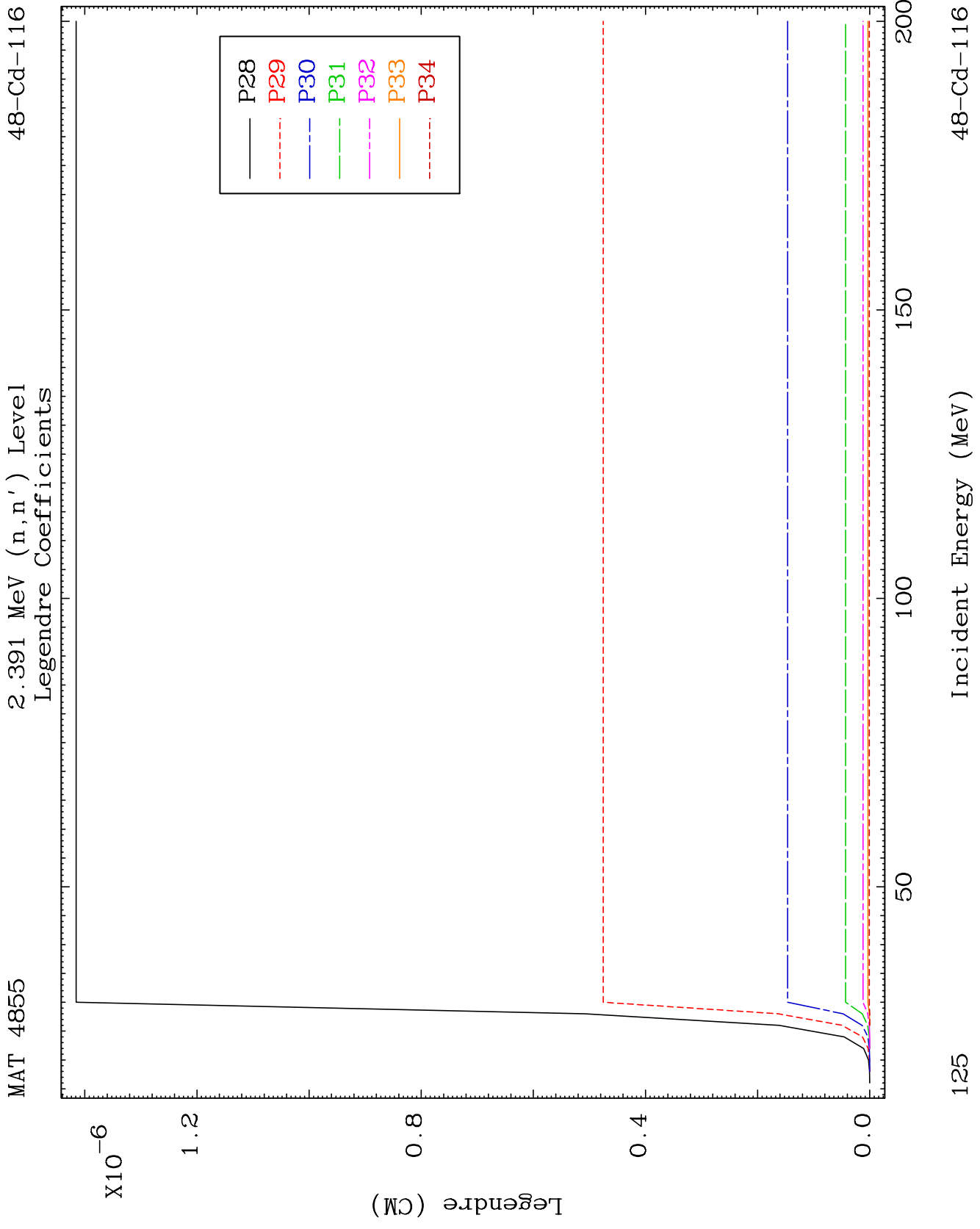


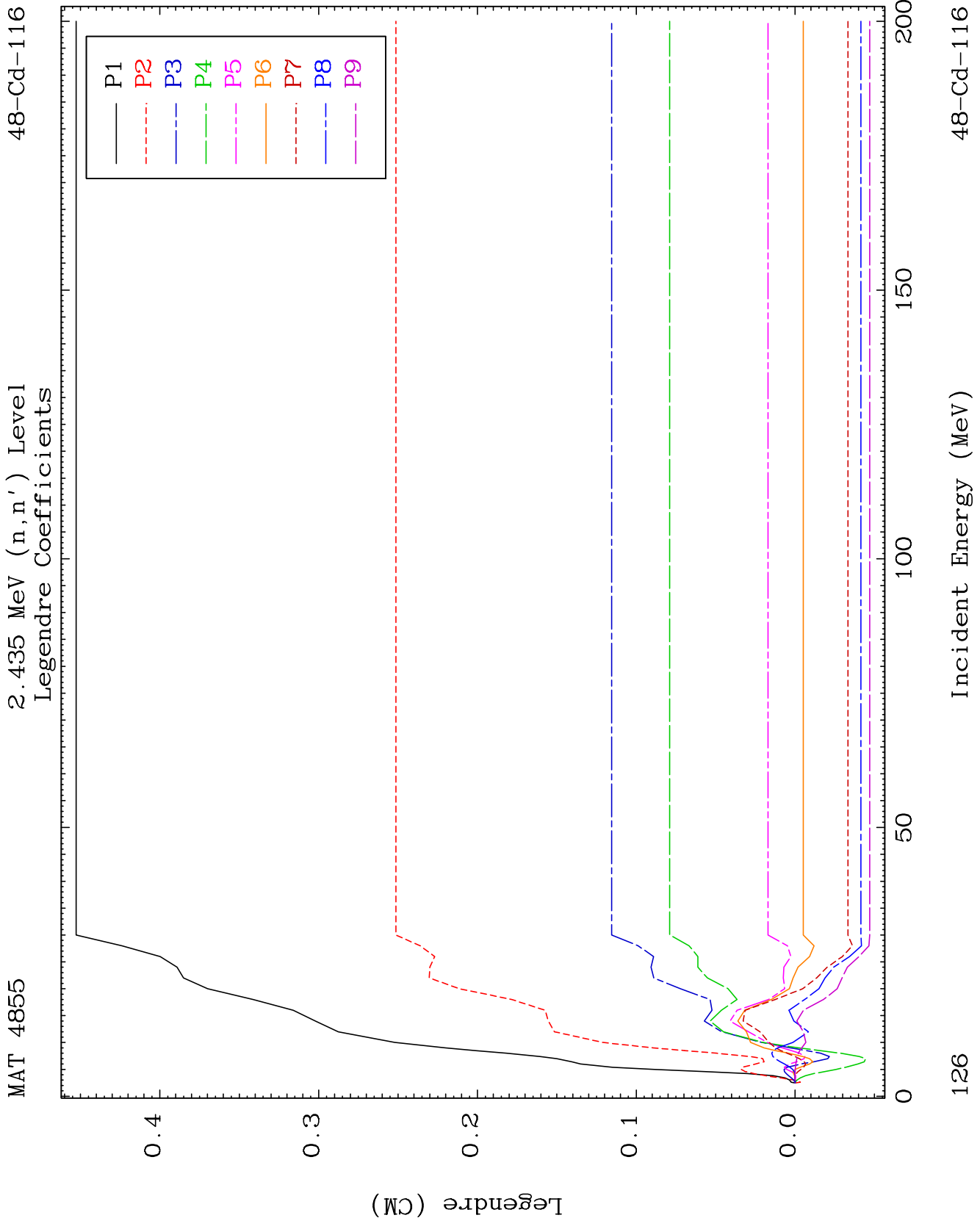








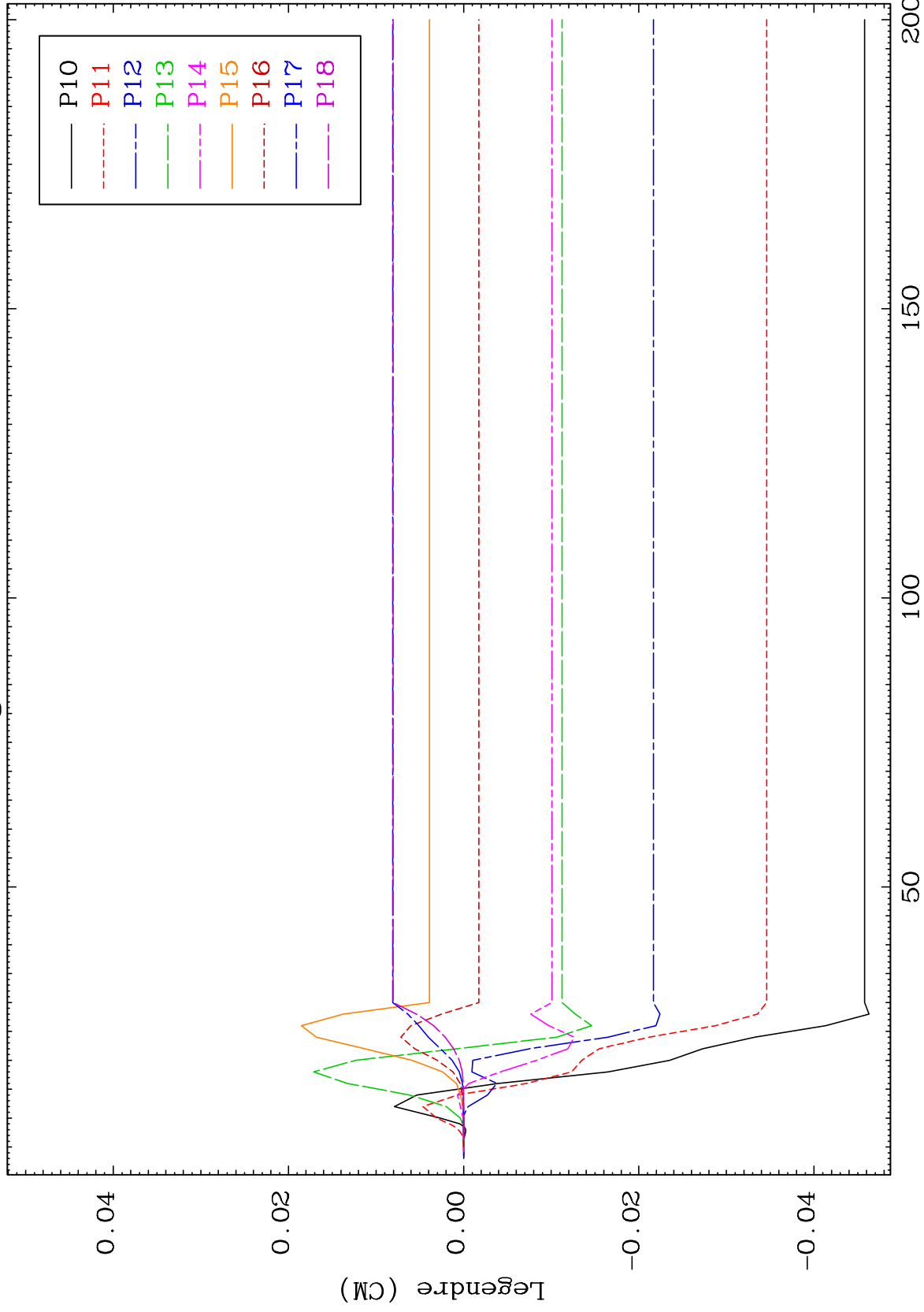




MAT 4855

2.435 MeV (n,n') Level
Legendre Coefficients

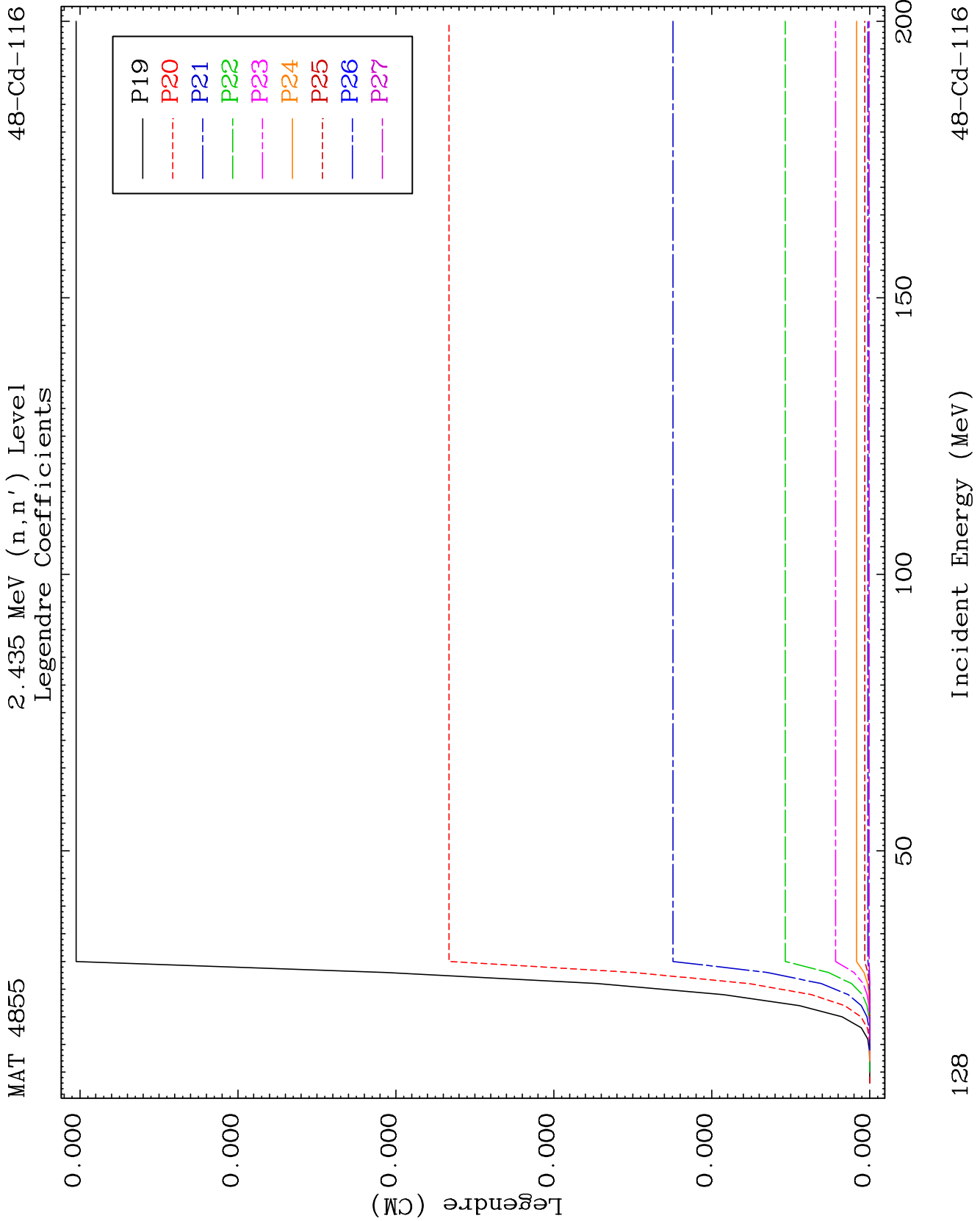
48-Cd-116

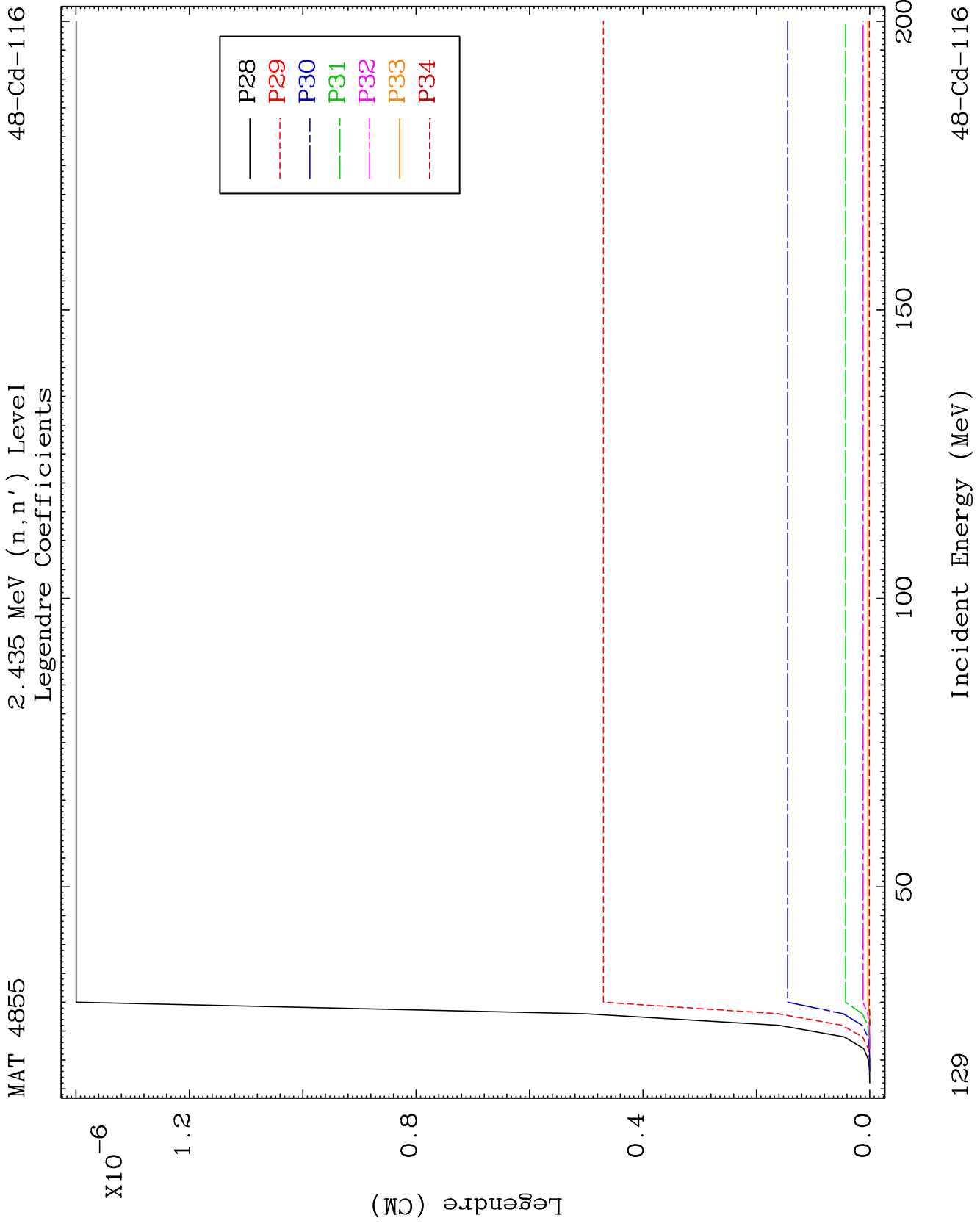


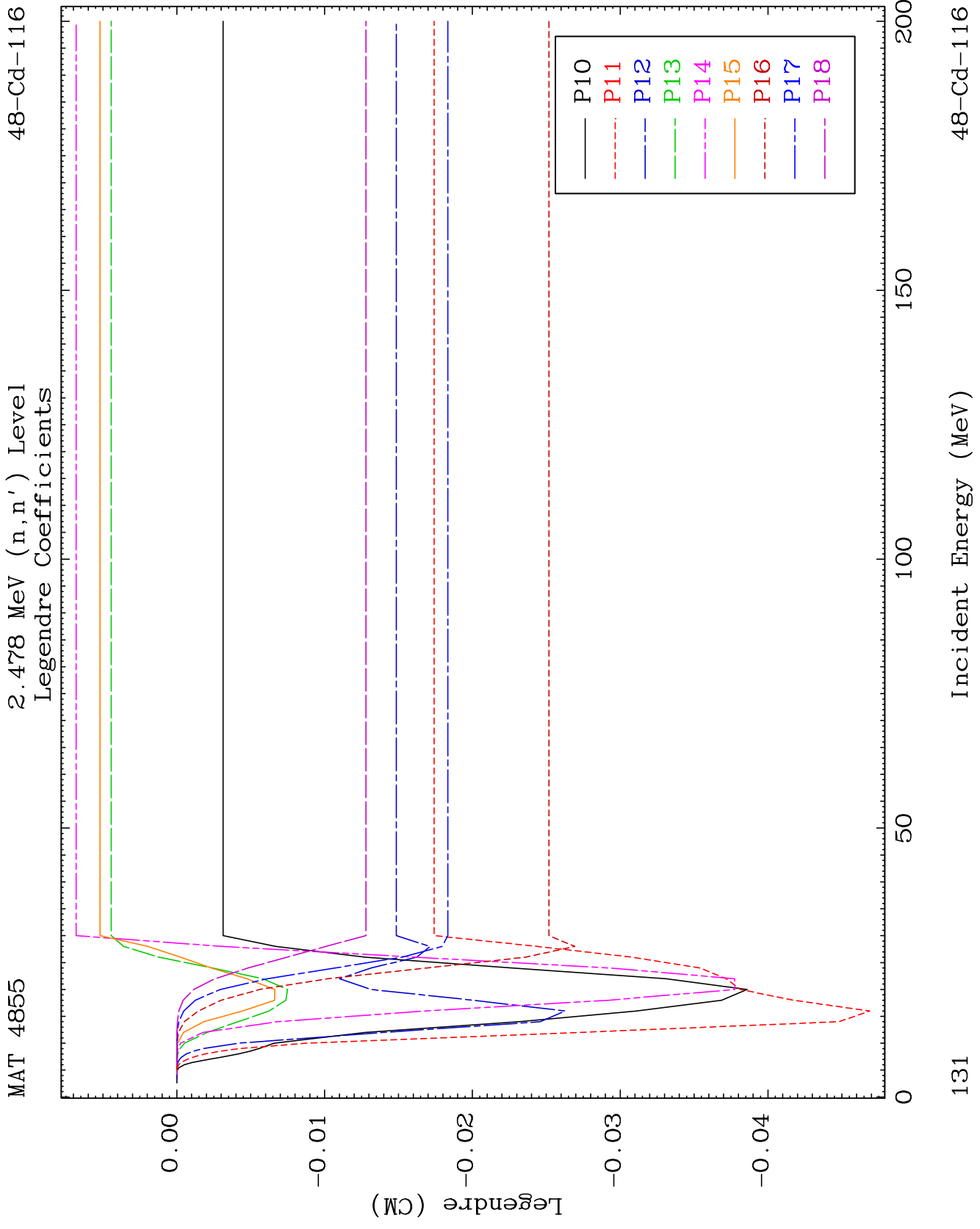
127

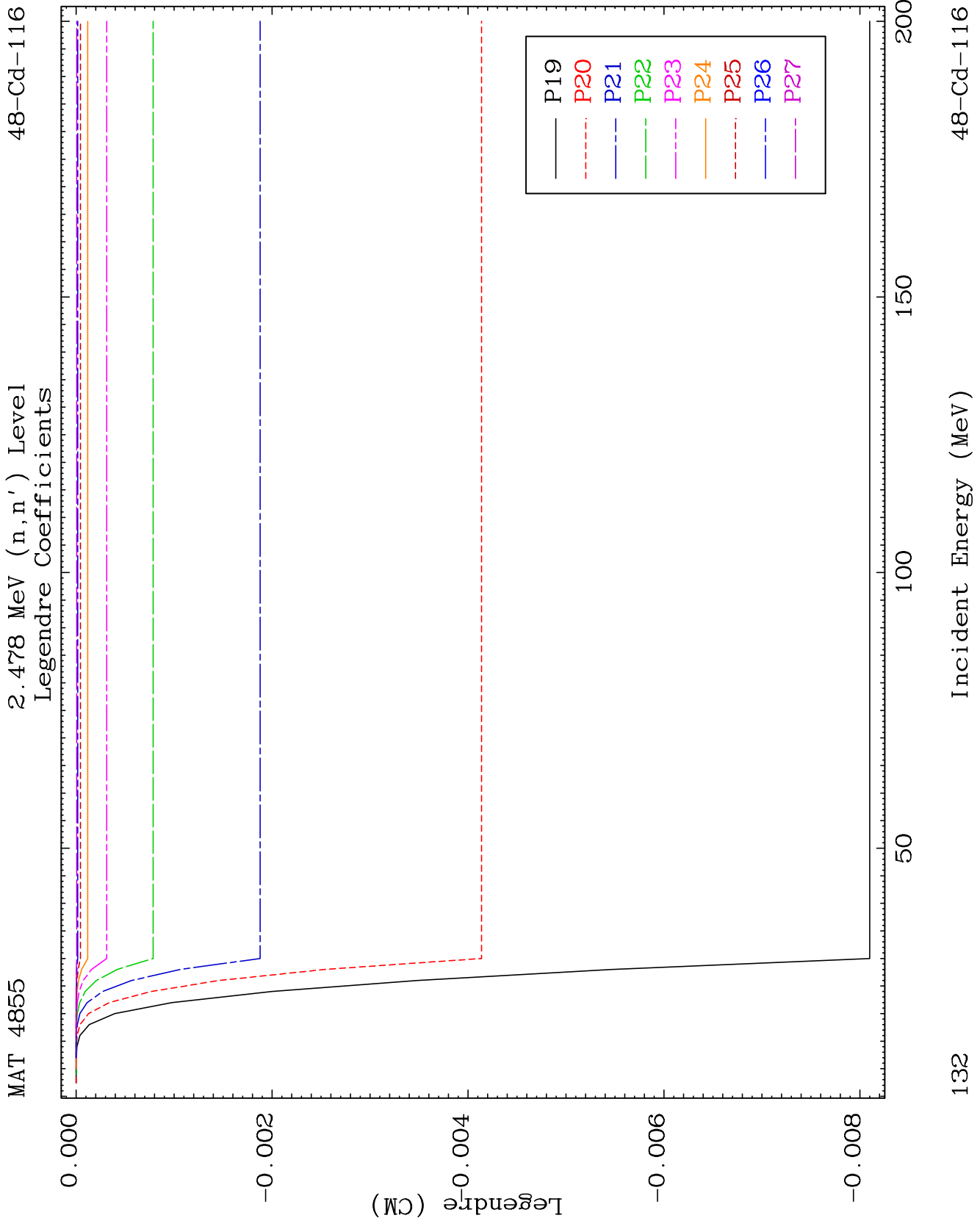
Incident Energy (MeV)

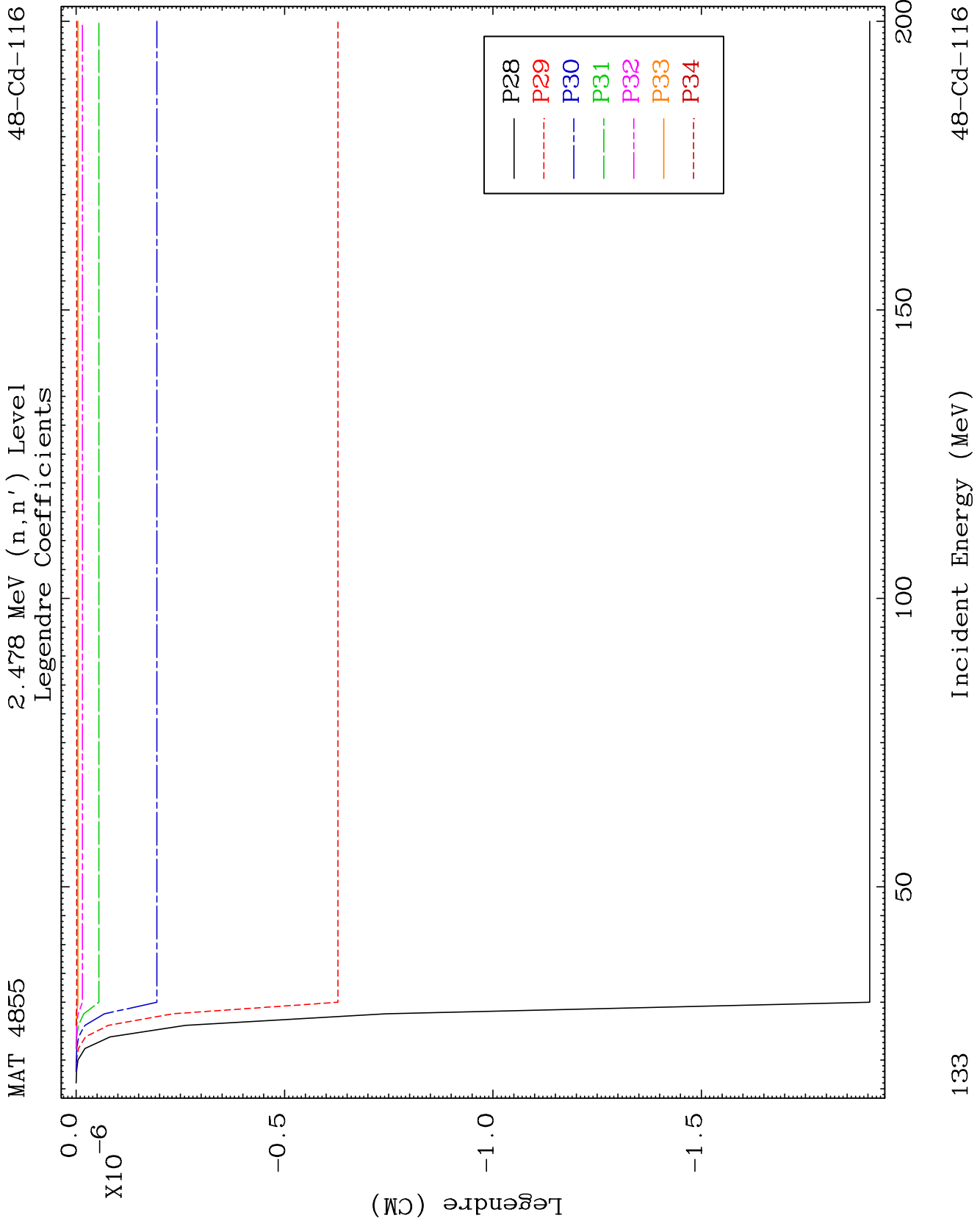
48-Cd-116







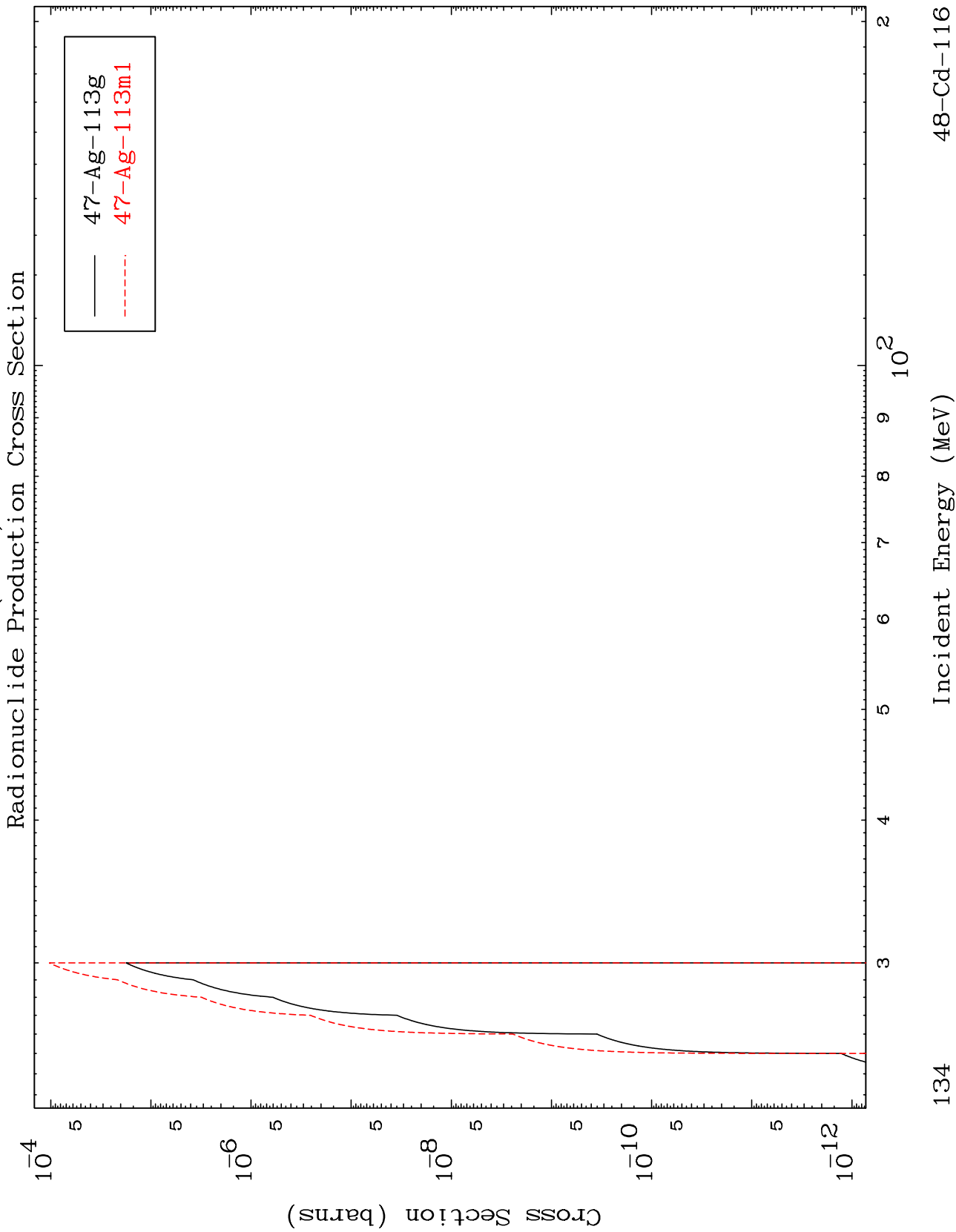




MAT 4855

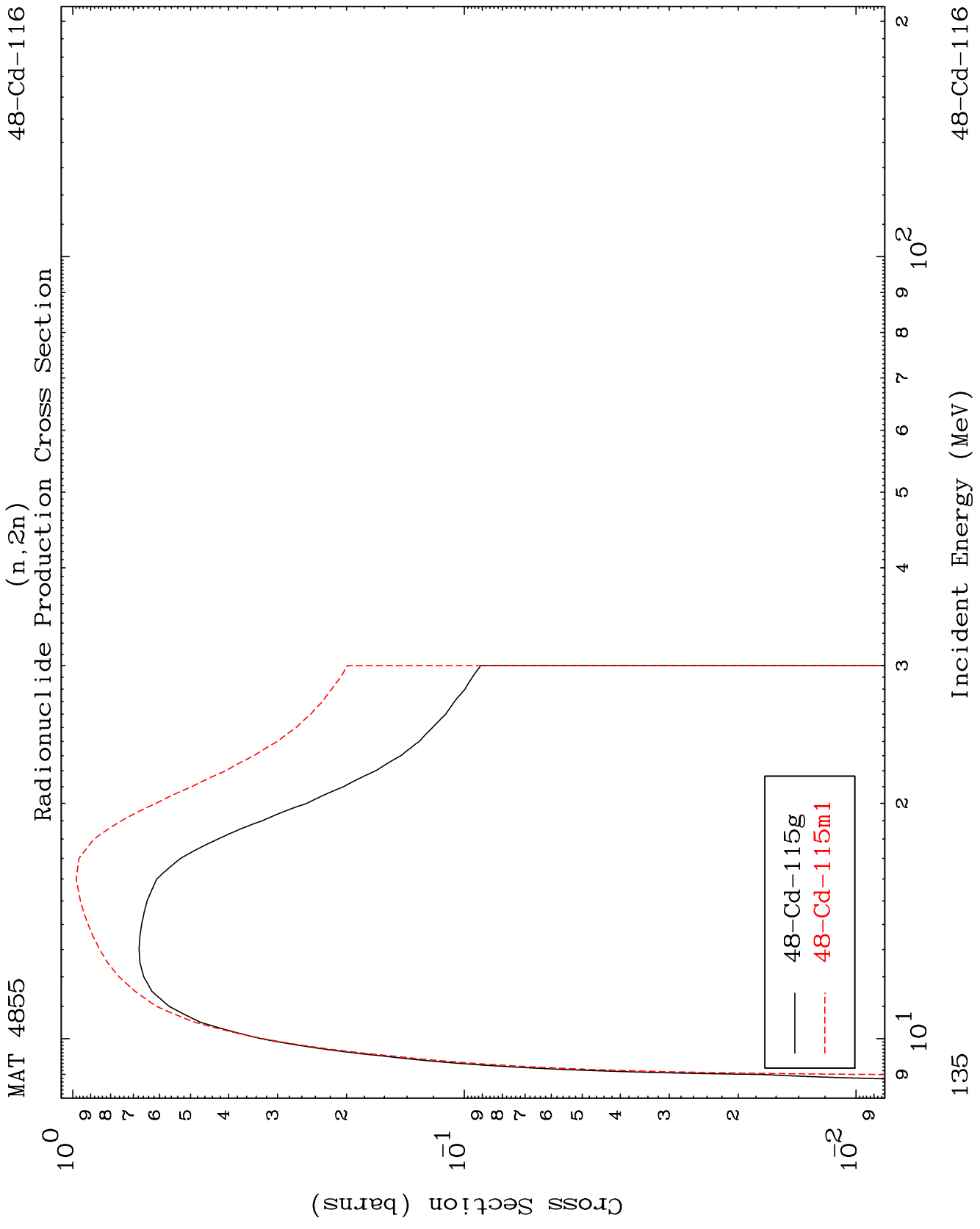
(n,2n) d

48-Cd-116



134

48-Cd-116

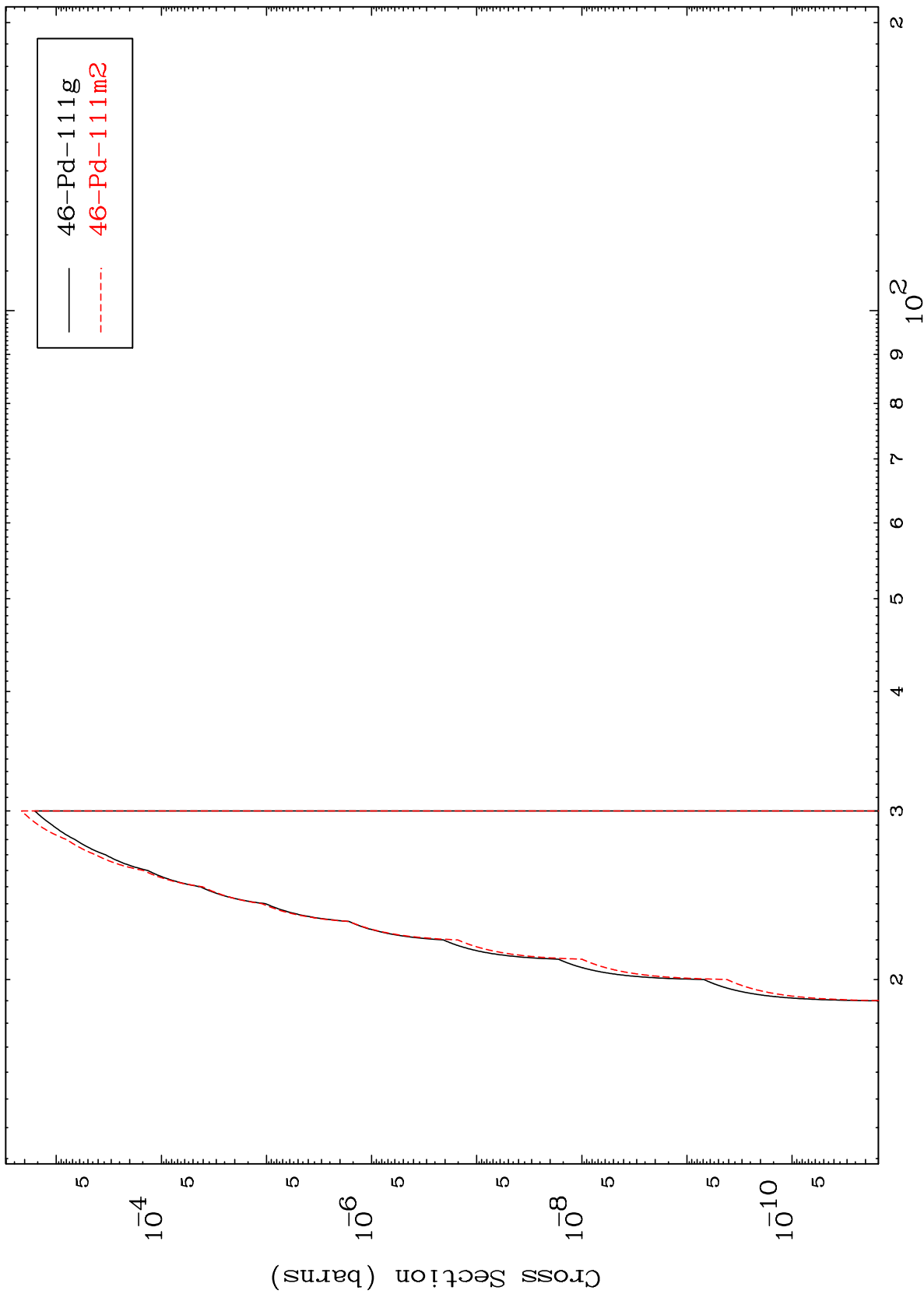


MAT 4855

(n,2n) α

48-Cd-116

Radionuclide Production Cross Section



136

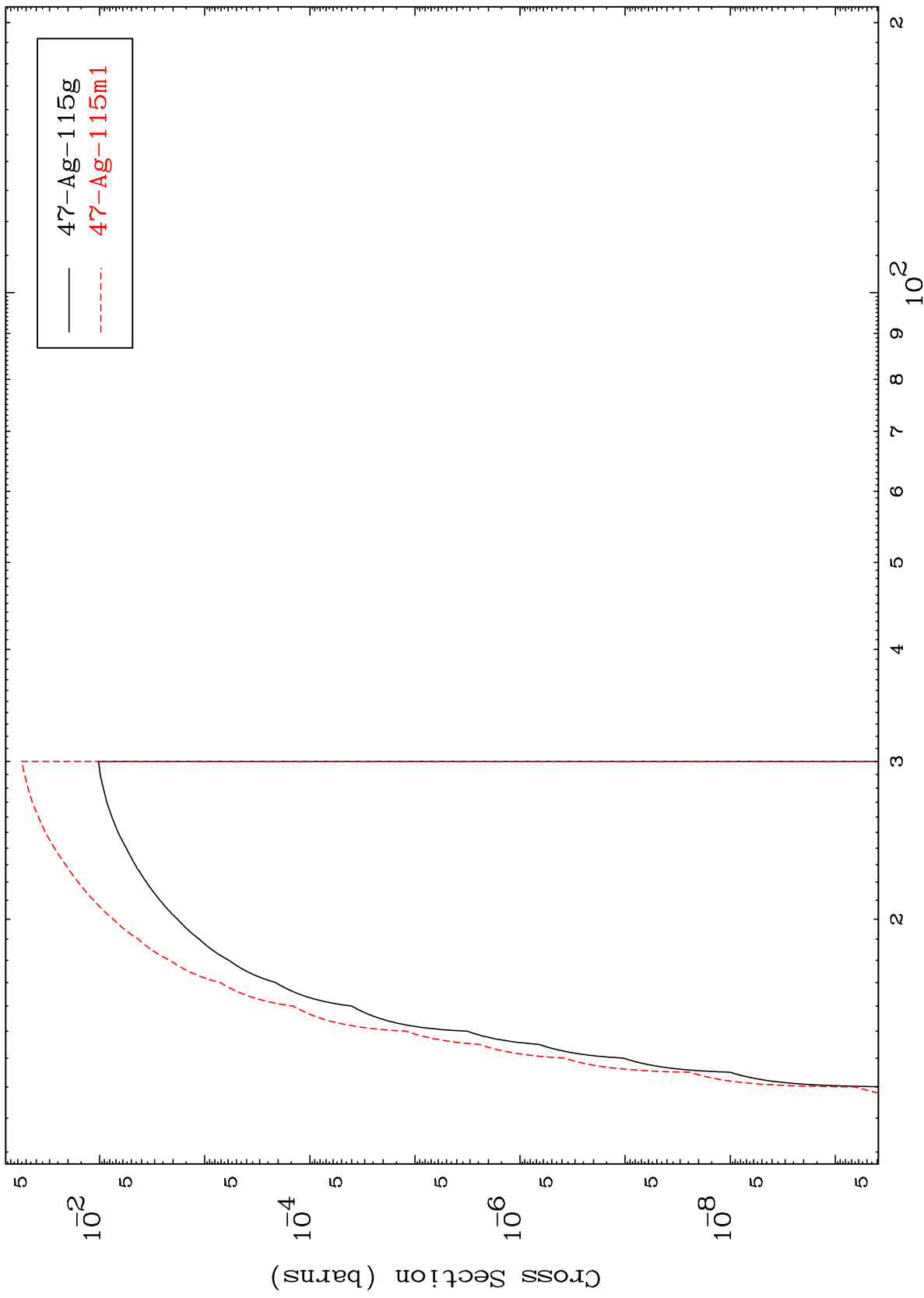
Incident Energy (MeV)

48-Cd-116

MAT 4855

48-Cd-116

(n,n') p
Radionuclide Production Cross Section



137

Incident Energy (MeV)

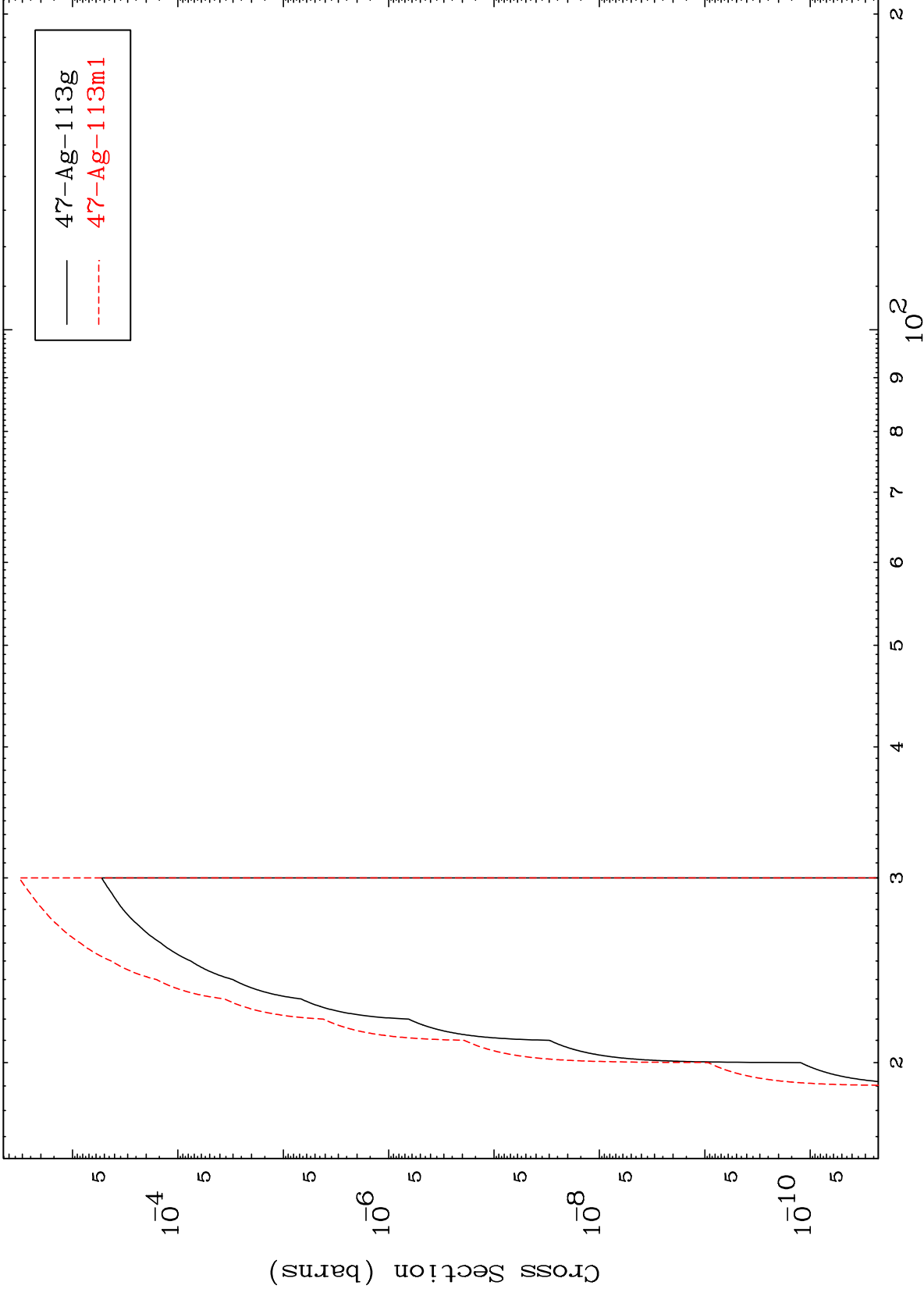
48-Cd-116

MAT 4855

(n,n') t

48-Cd-116

Radionuclide Production Cross Section



138

Incident Energy (MeV)

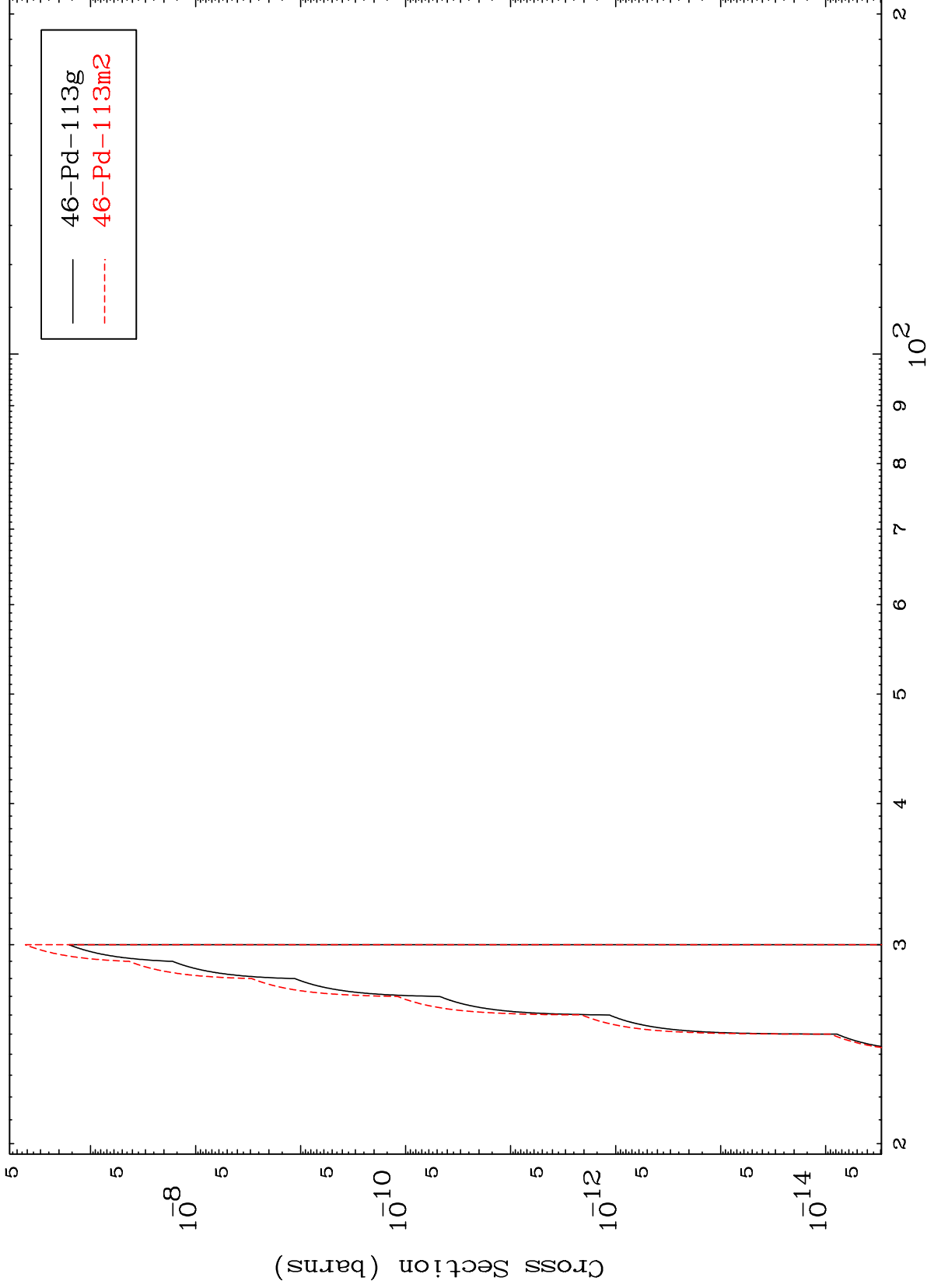
48-Cd-116

MAT 4855

(n,n') He-3

48-Cd-116

Radionuclide Production Cross Section



139

Incident Energy (MeV)

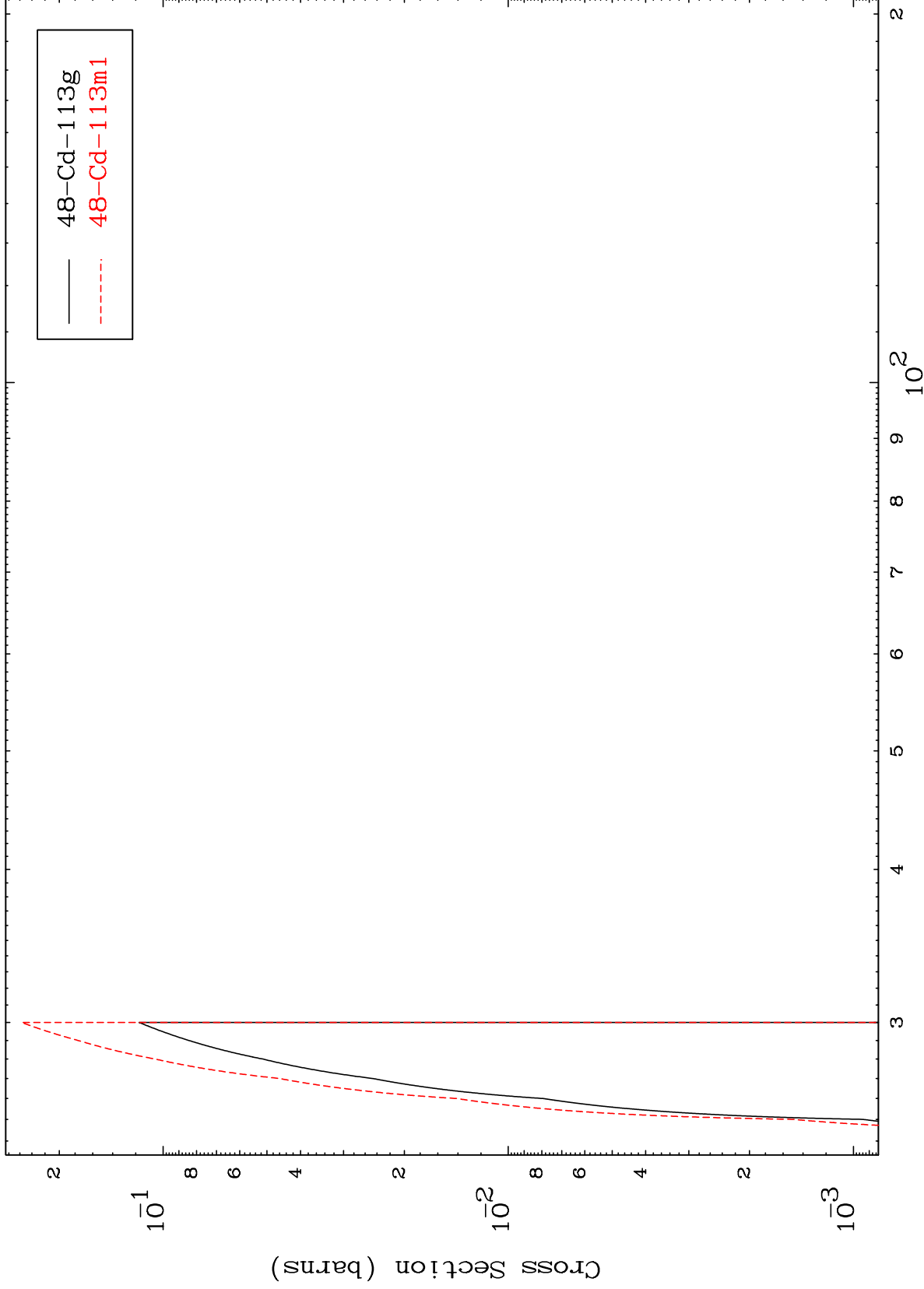
48-Cd-116

MAT 4855

(n,4n)

48-Cd-116

Radionuclide Production Cross Section



140

Incident Energy (MeV)

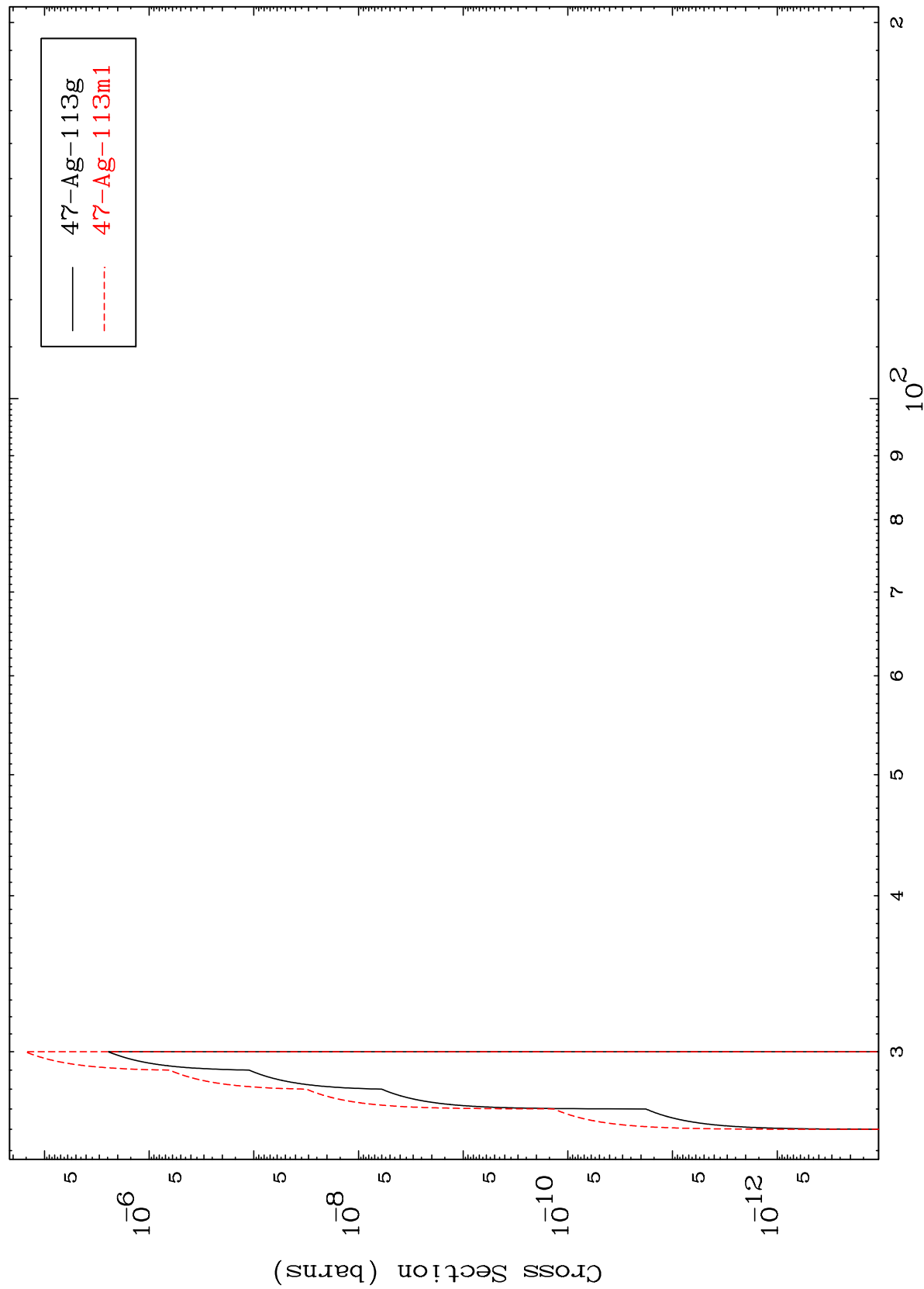
48-Cd-116

MAT 4855

(n,3n) p

48-Cd-116

Radionuclide Production Cross Section



141

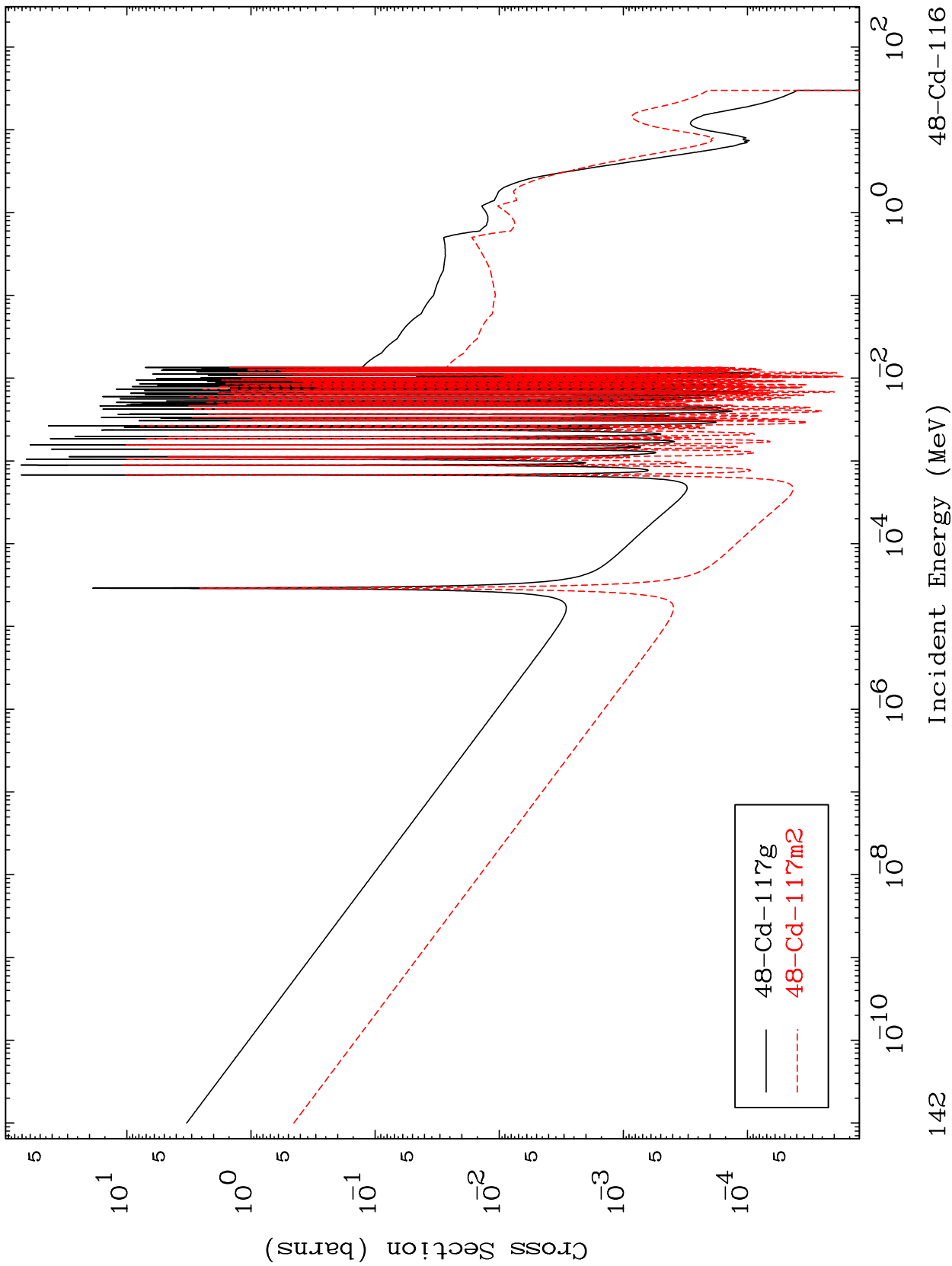
Incident Energy (MeV)

48-Cd-116

MAT 4855

48-Cd-116

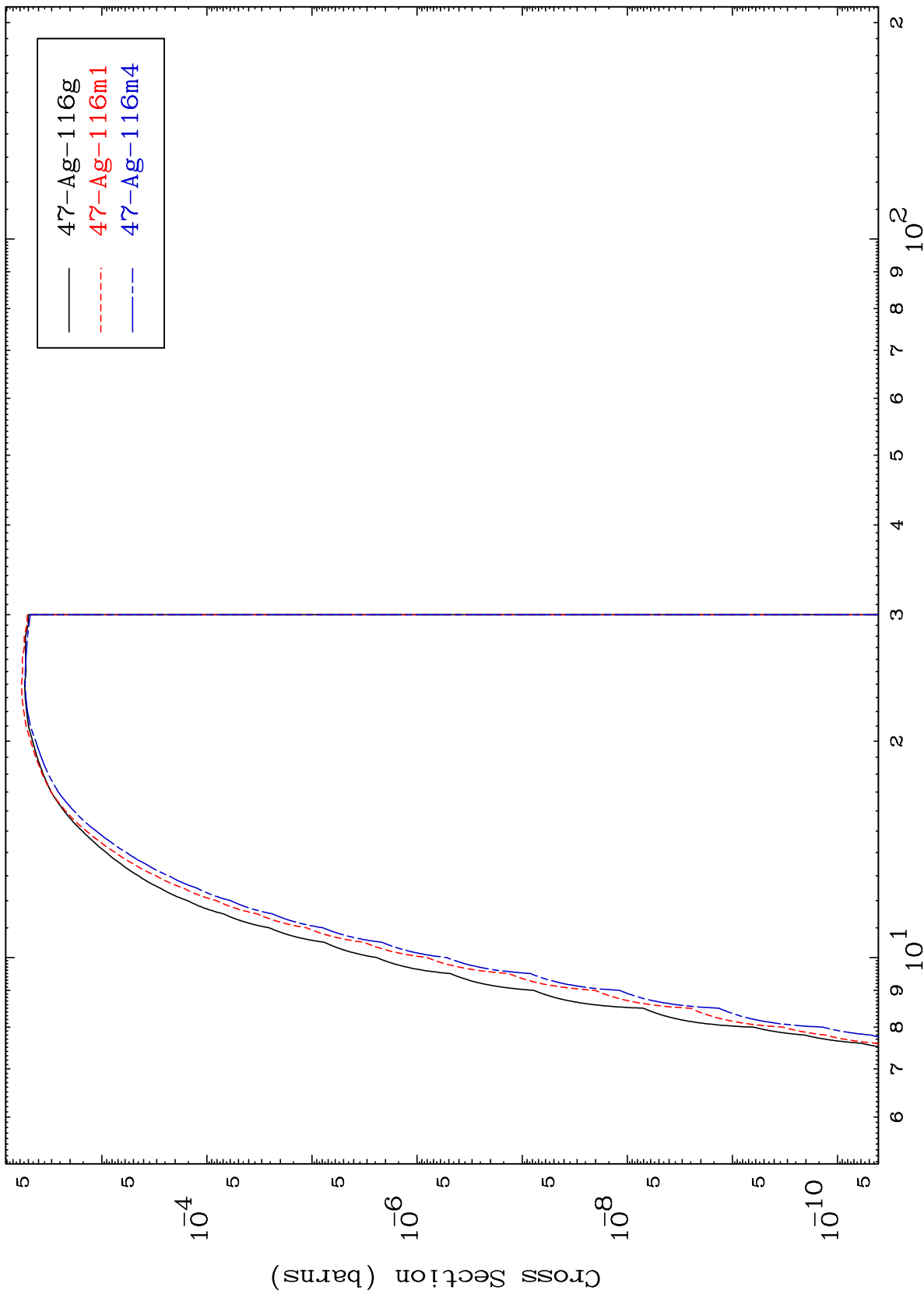
(n,γ)
Radionuclide Production Cross Section



MAT 4855

48-Cd-116

(n,p)
Radionuclide Production Cross Section



143

Incident Energy (MeV)

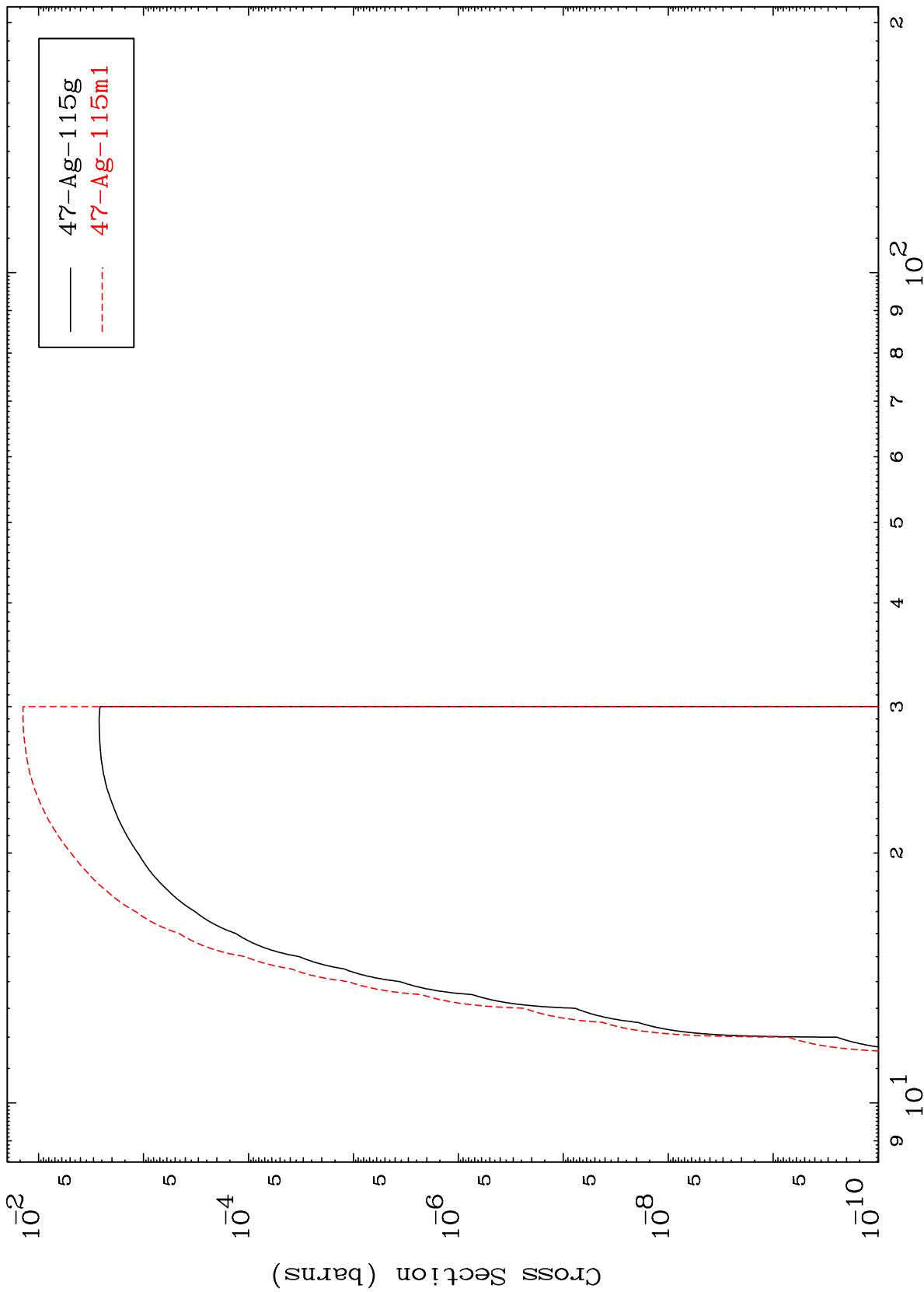
48-Cd-116

MAT 4855

(n,d)

48-Cd-116

Radionuclide Production Cross Section



144

Incident Energy (MeV)

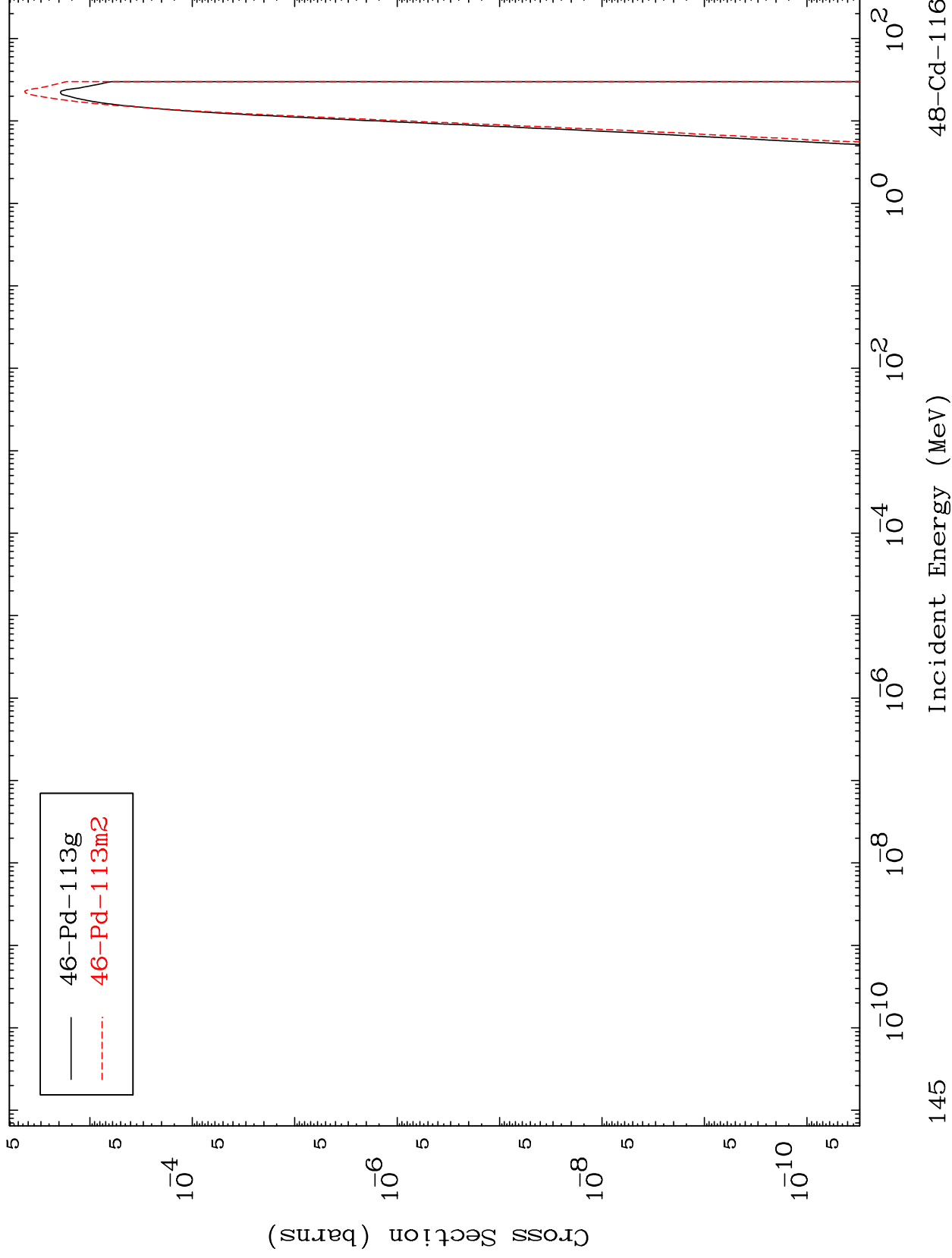
48-Cd-116

MAT 4855

(n, α)

48-Cd-116

Radionuclide Production Cross Section

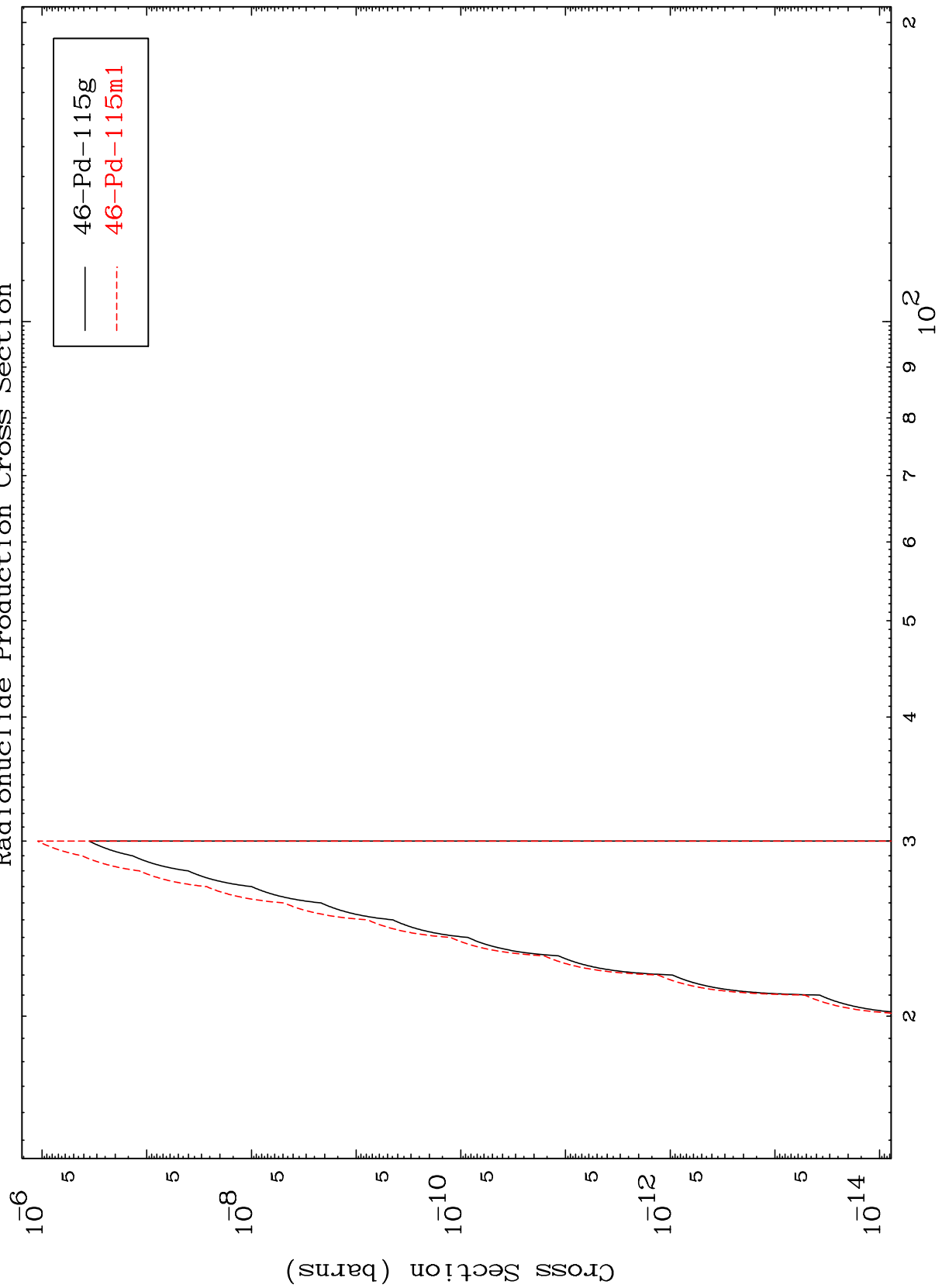


145

MAT 4855

48-Cd-116

(n,2p)
Radionuclide Production Cross Section



146

Incident Energy (MeV)

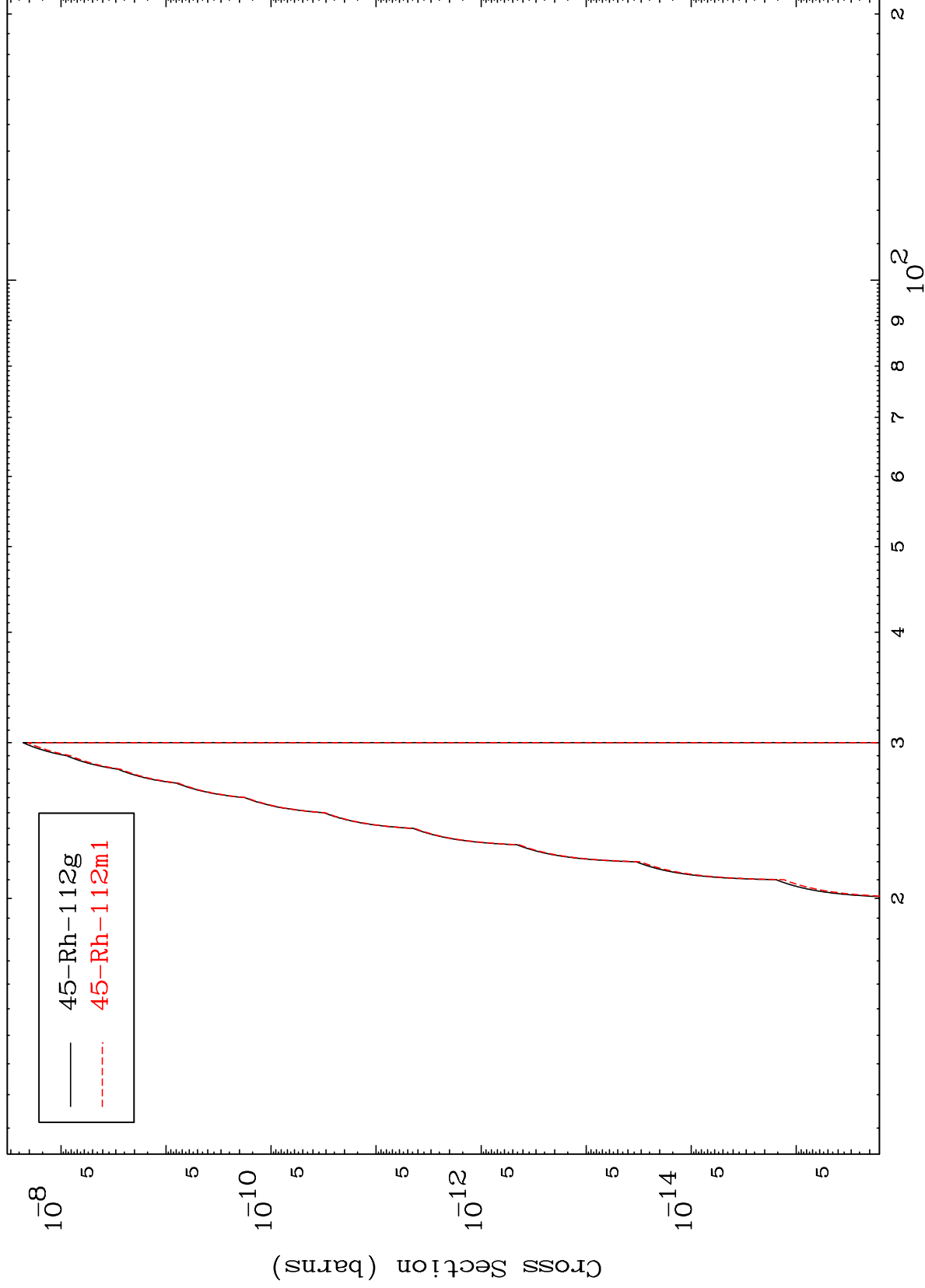
48-Cd-116

MAT 4855

(n,p) α

48-Cd-116

Radionuclide Production Cross Section



147

Incident Energy (MeV)

48-Cd-116