

Program EVALPLOT
(Version 2015-2)

by

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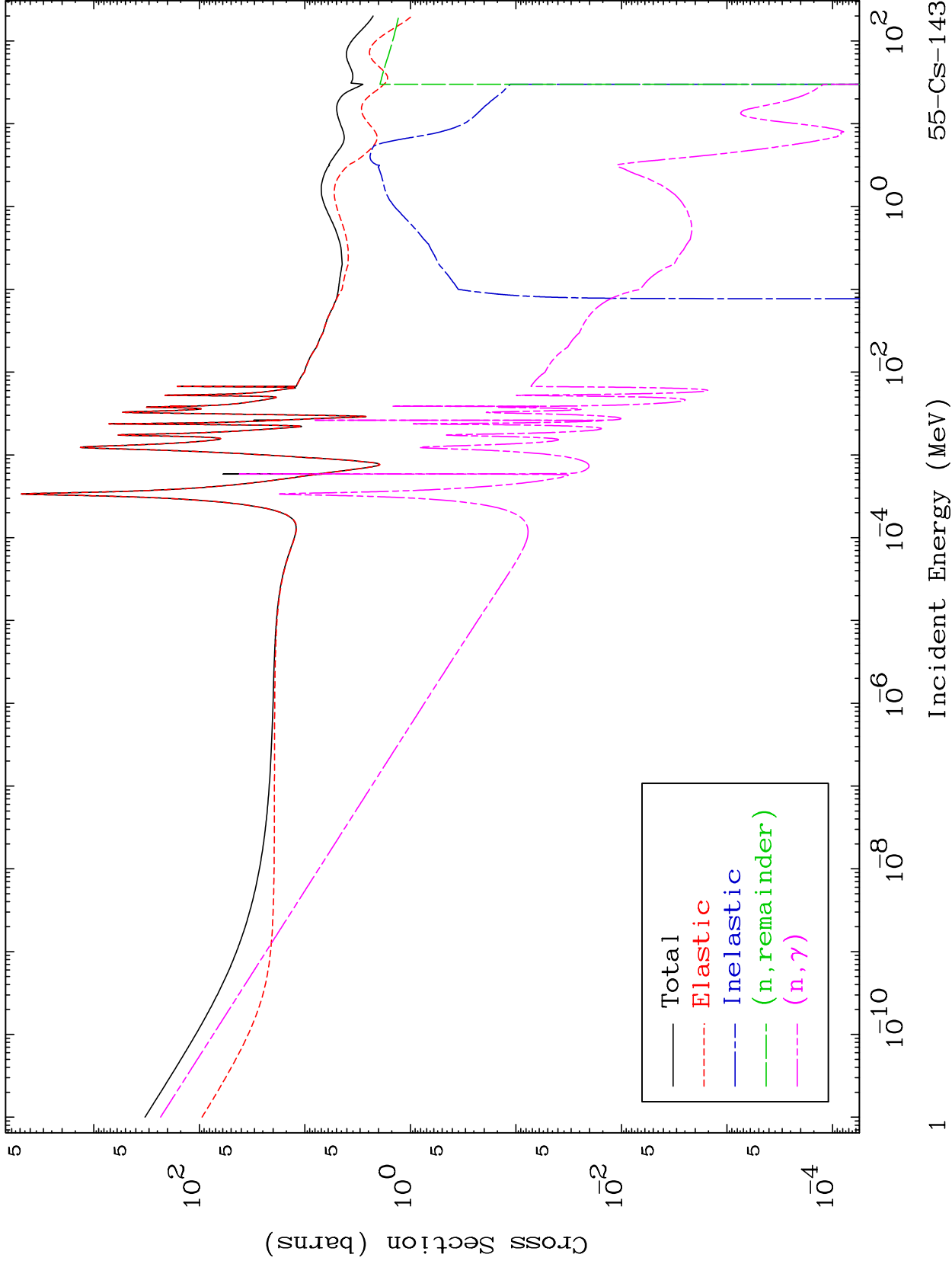
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5555

Major
293 Kelvin Cross Sections

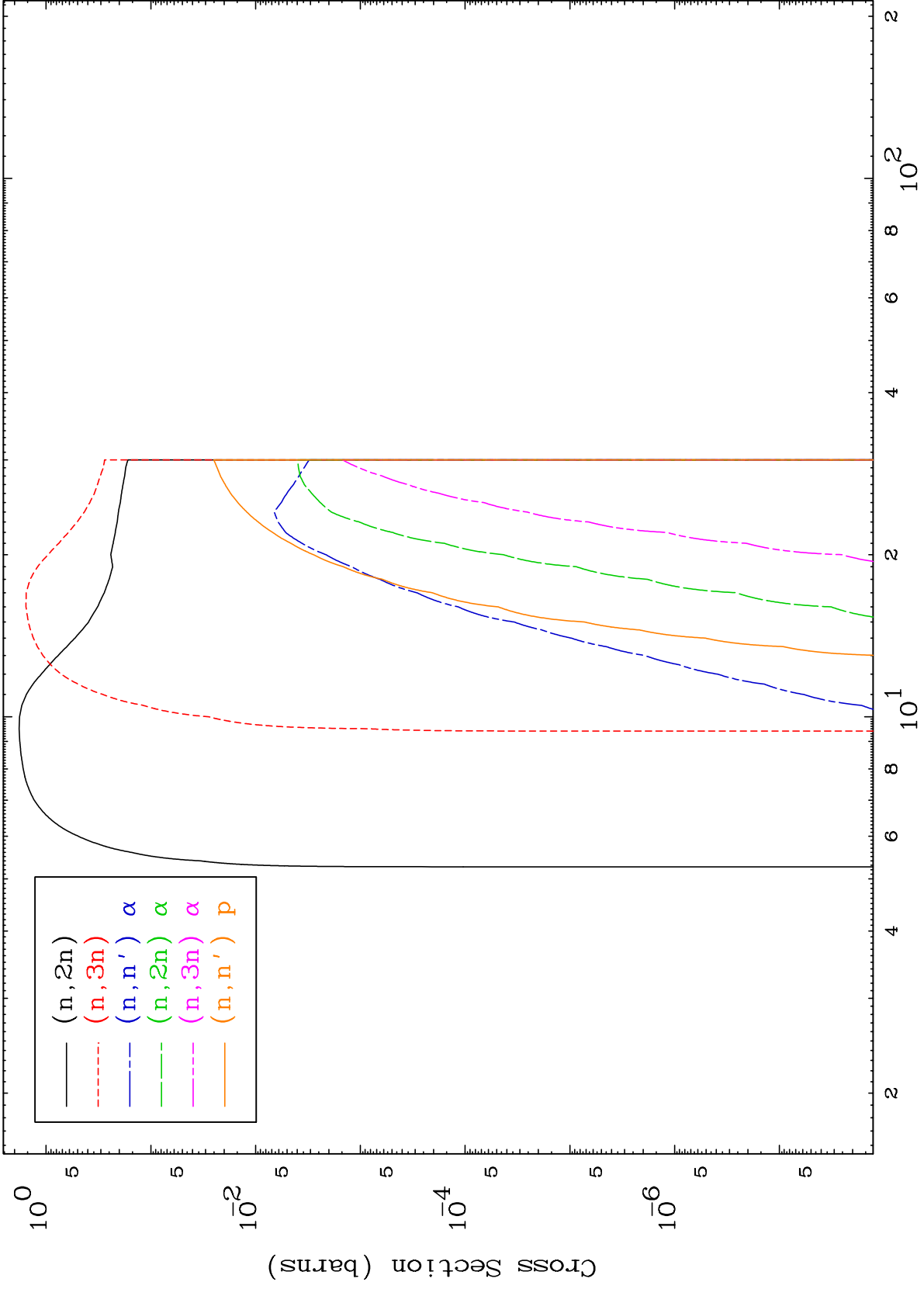
55-Cs-143

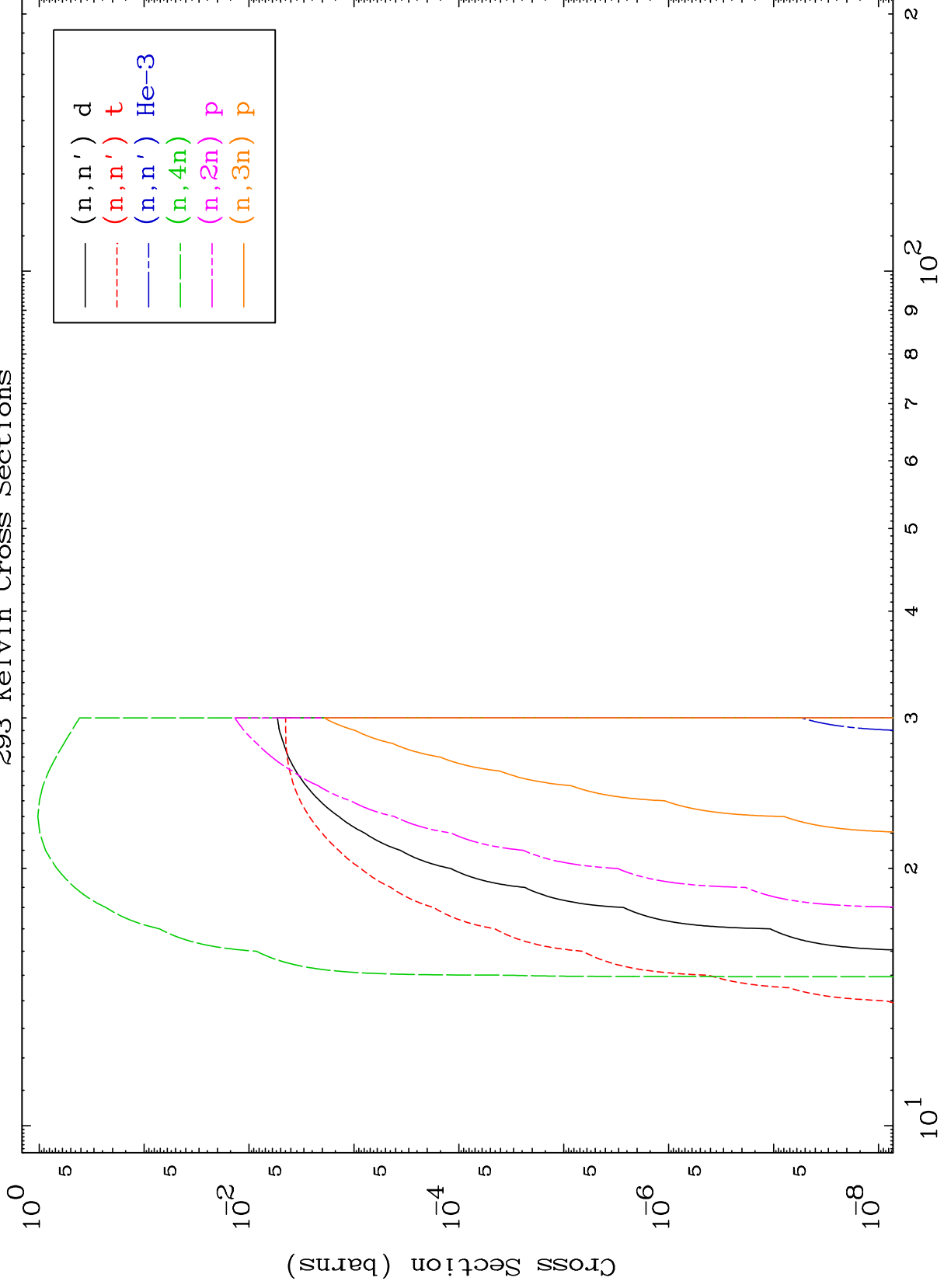


MAT 5555

Neutron Production
293 Kelvin Cross Sections

55-Cs-143

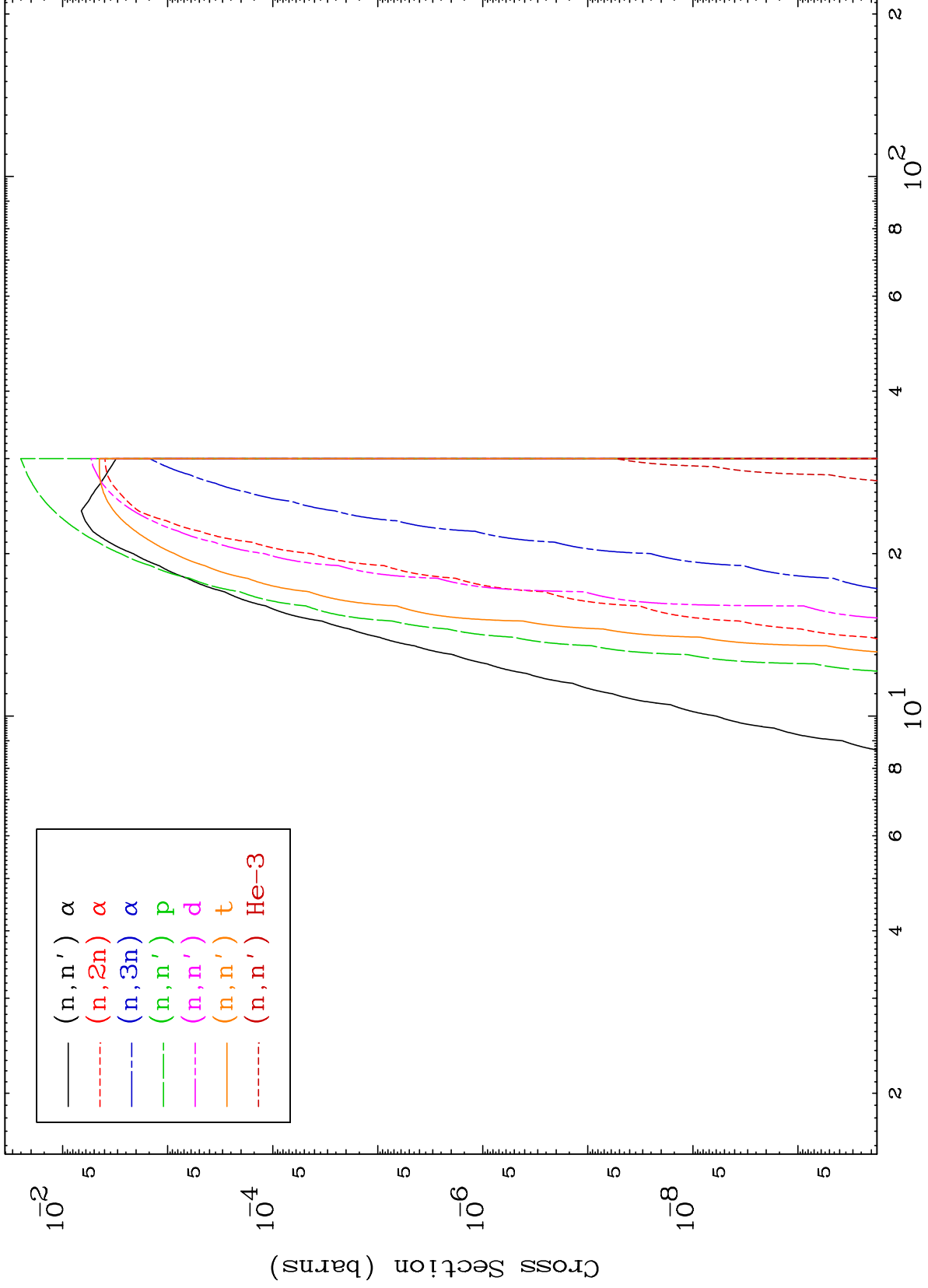




MAT 5555

Charged Particle
293 Kelvin Cross Sections

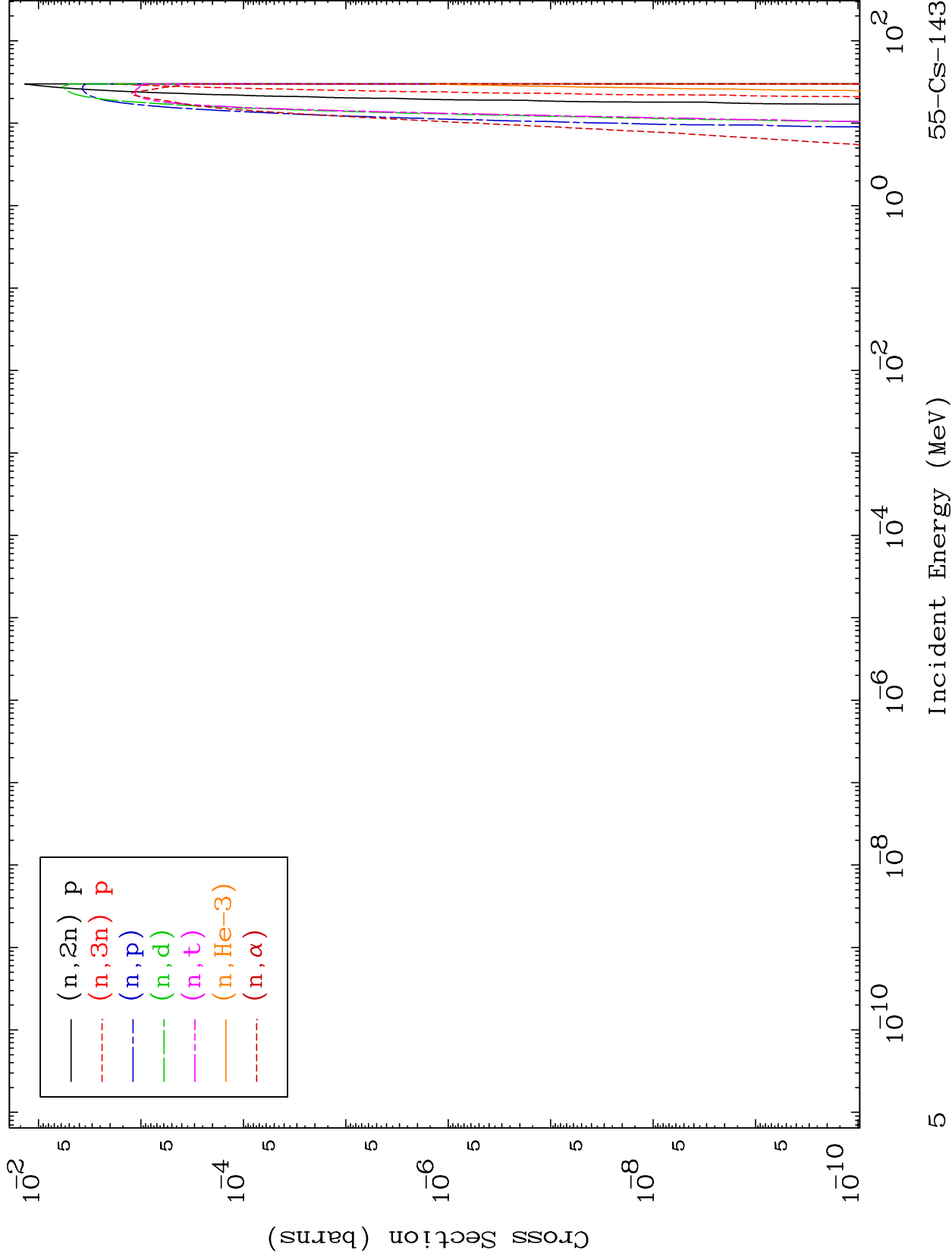
55-Cs-143



MAT 5555

Charged Particle
293 Kelvin Cross Sections

55-Cs-143



5

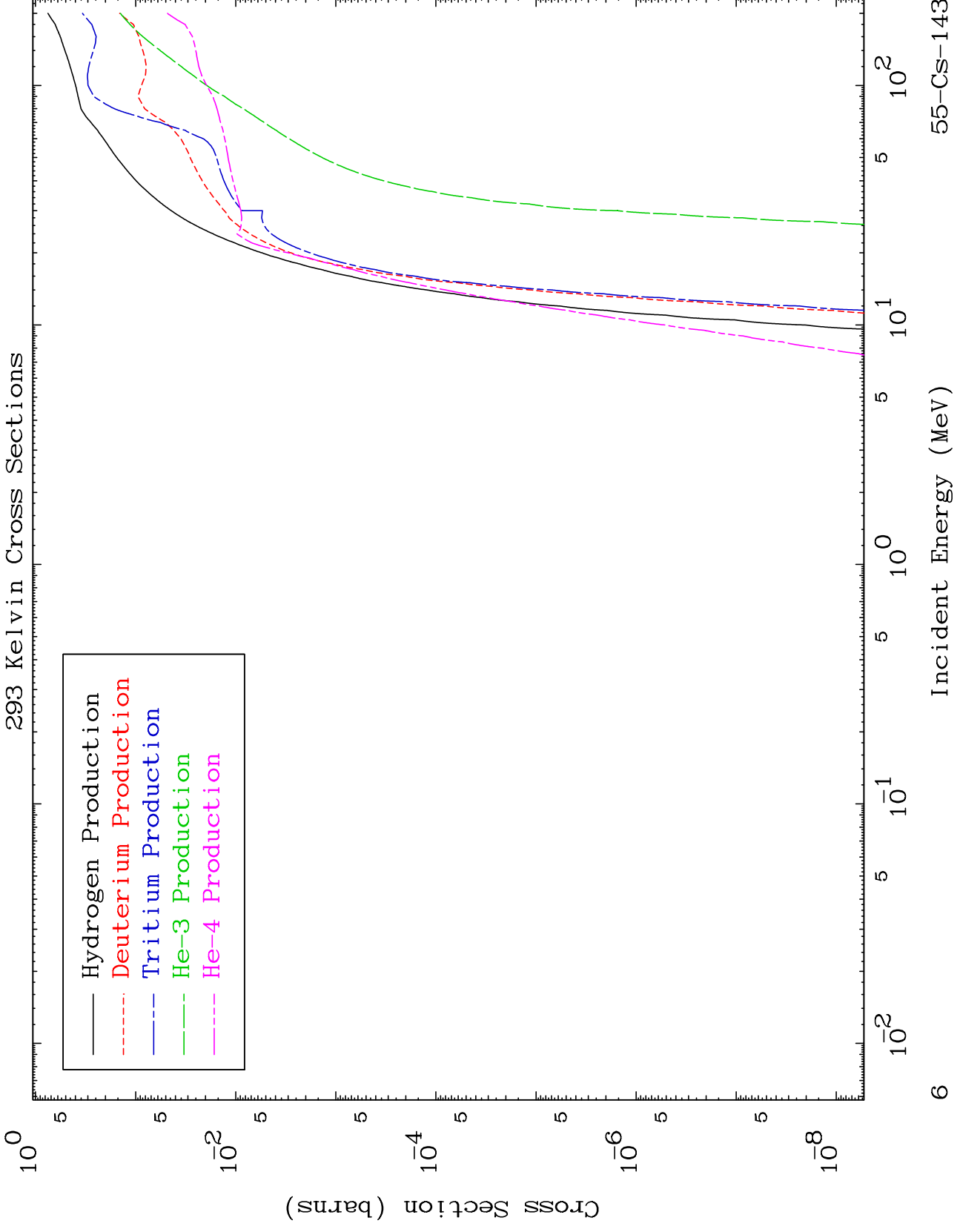
Incident Energy (MeV)

55-Cs-143

MAT 5555

Particle Production
293 Kelvin Cross Sections

55-Cs-143



55-Cs-143

Incident Energy (MeV)

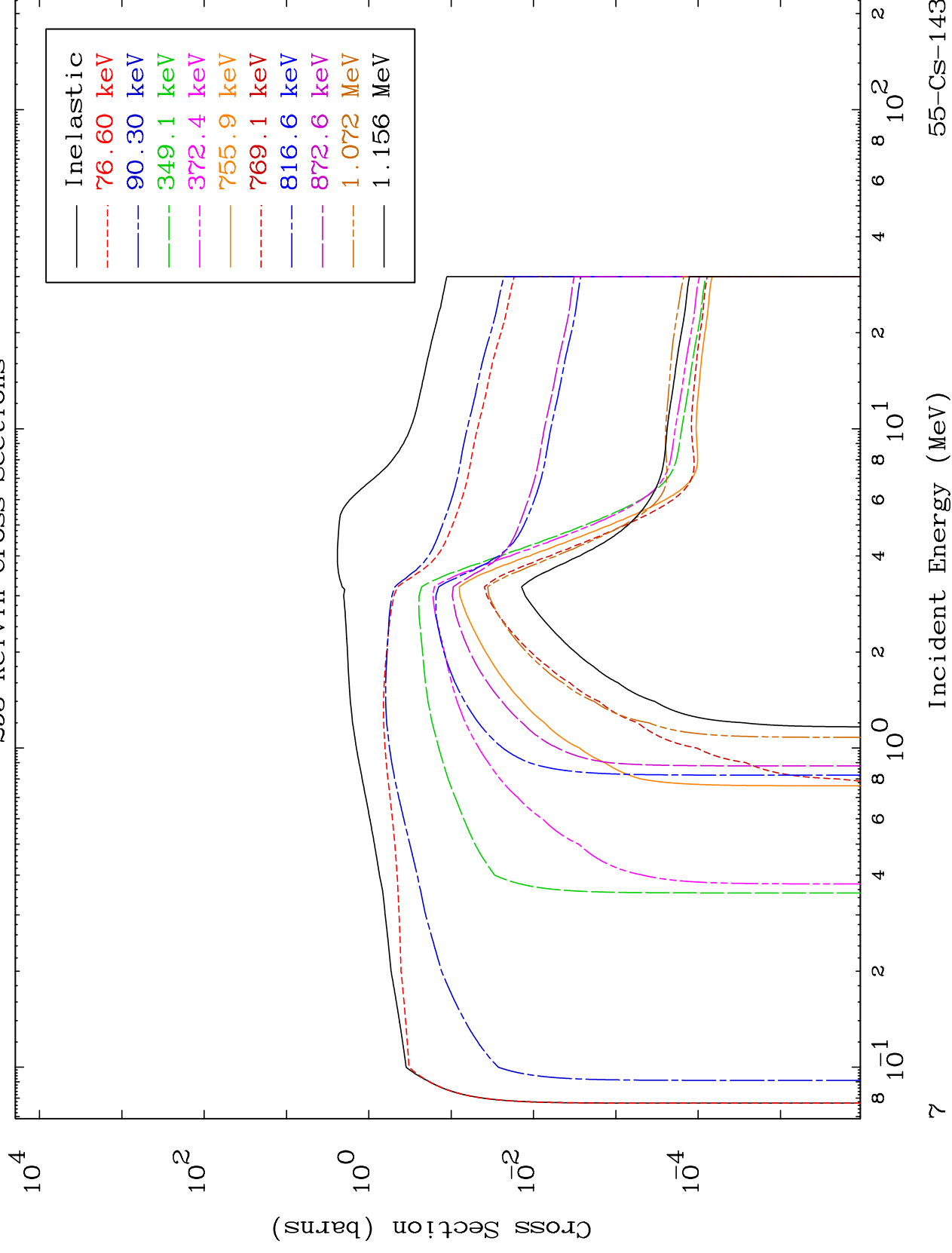
6

MAT 5555

(n,n') Level

55-Cs-143

293 Kelvin Cross Sections



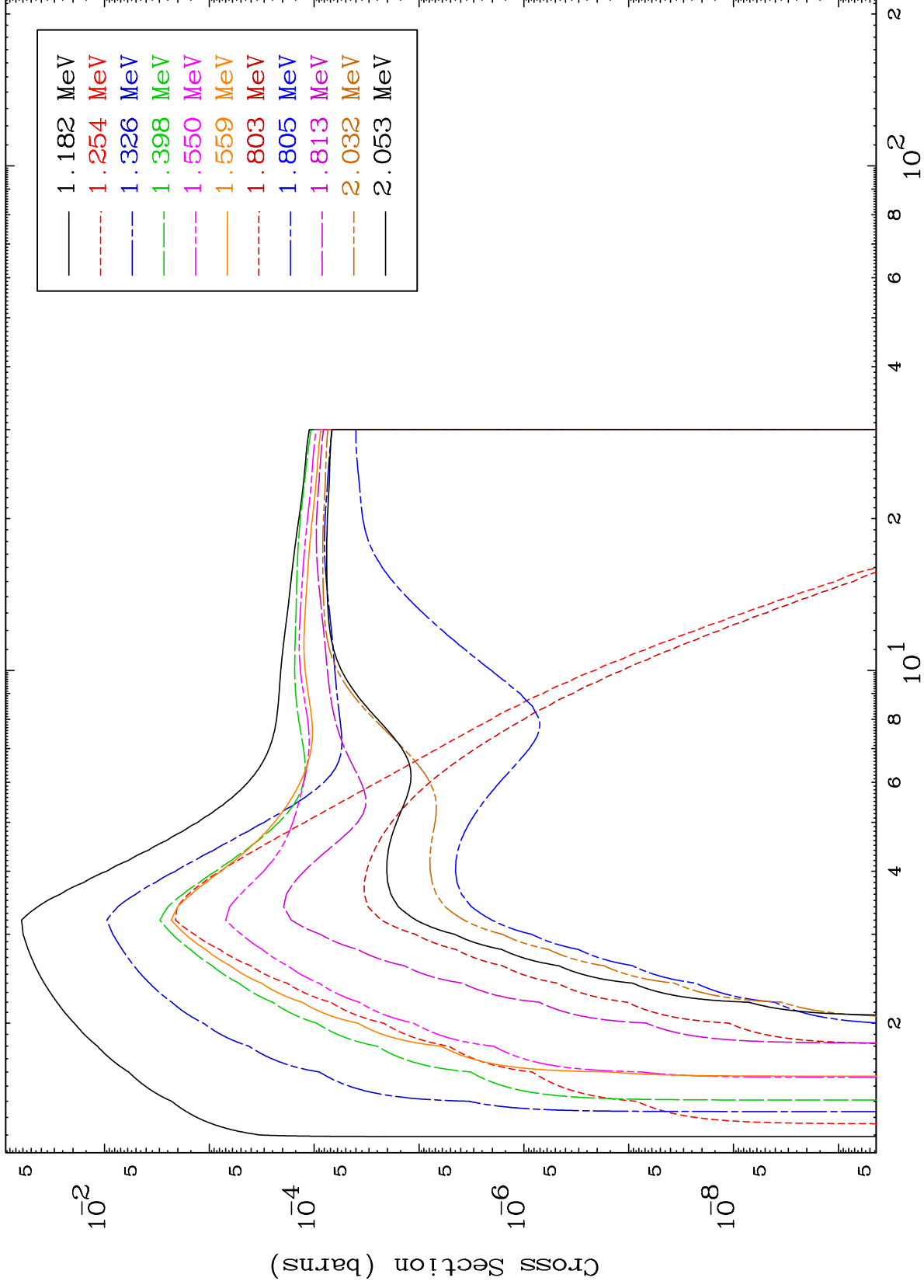
7

55-Cs-143

MAT 5555

(n,n') Level
293 Kelvin Cross Sections

55-Cs-143

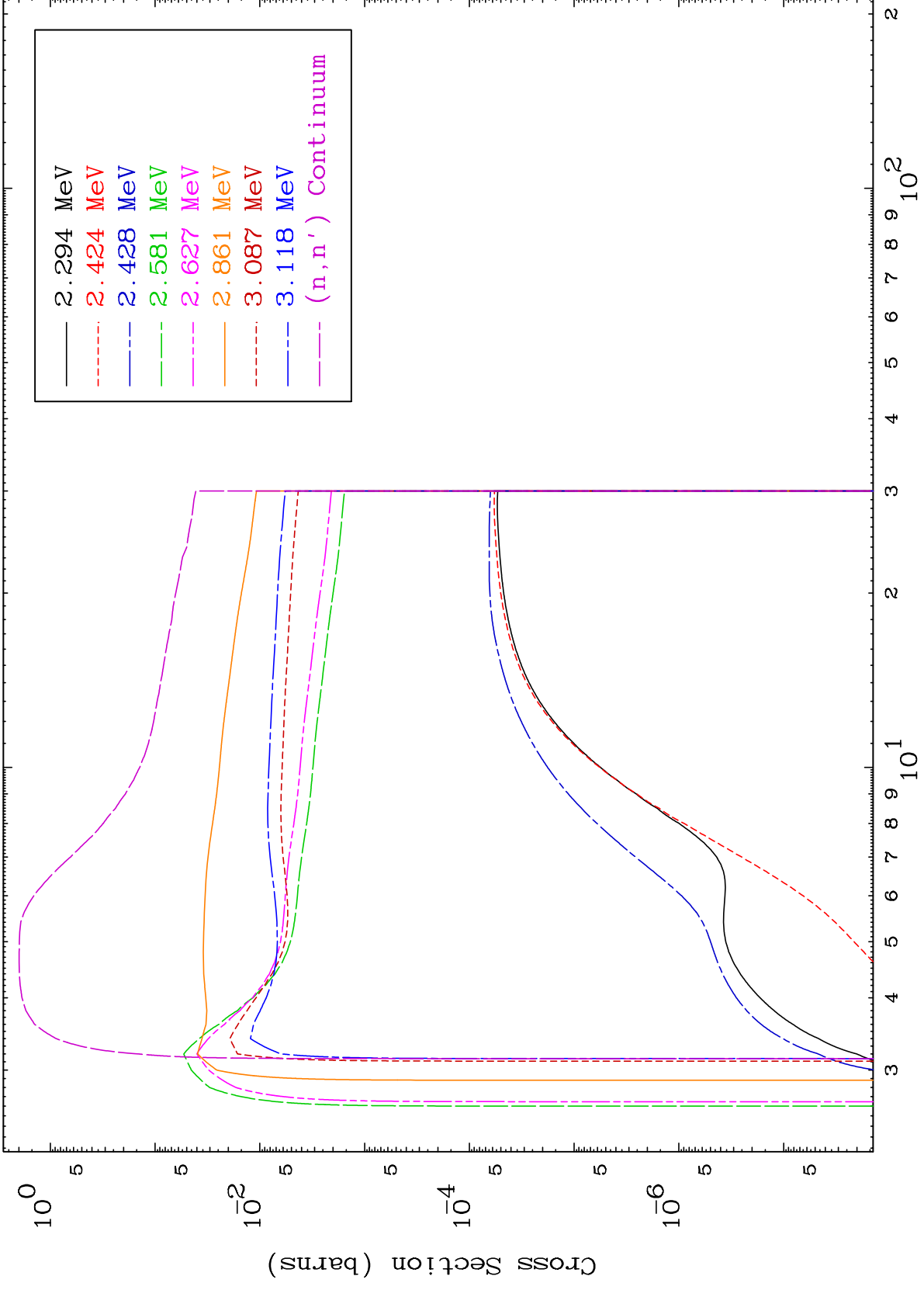


8

Incident Energy (MeV)

55-Cs-143

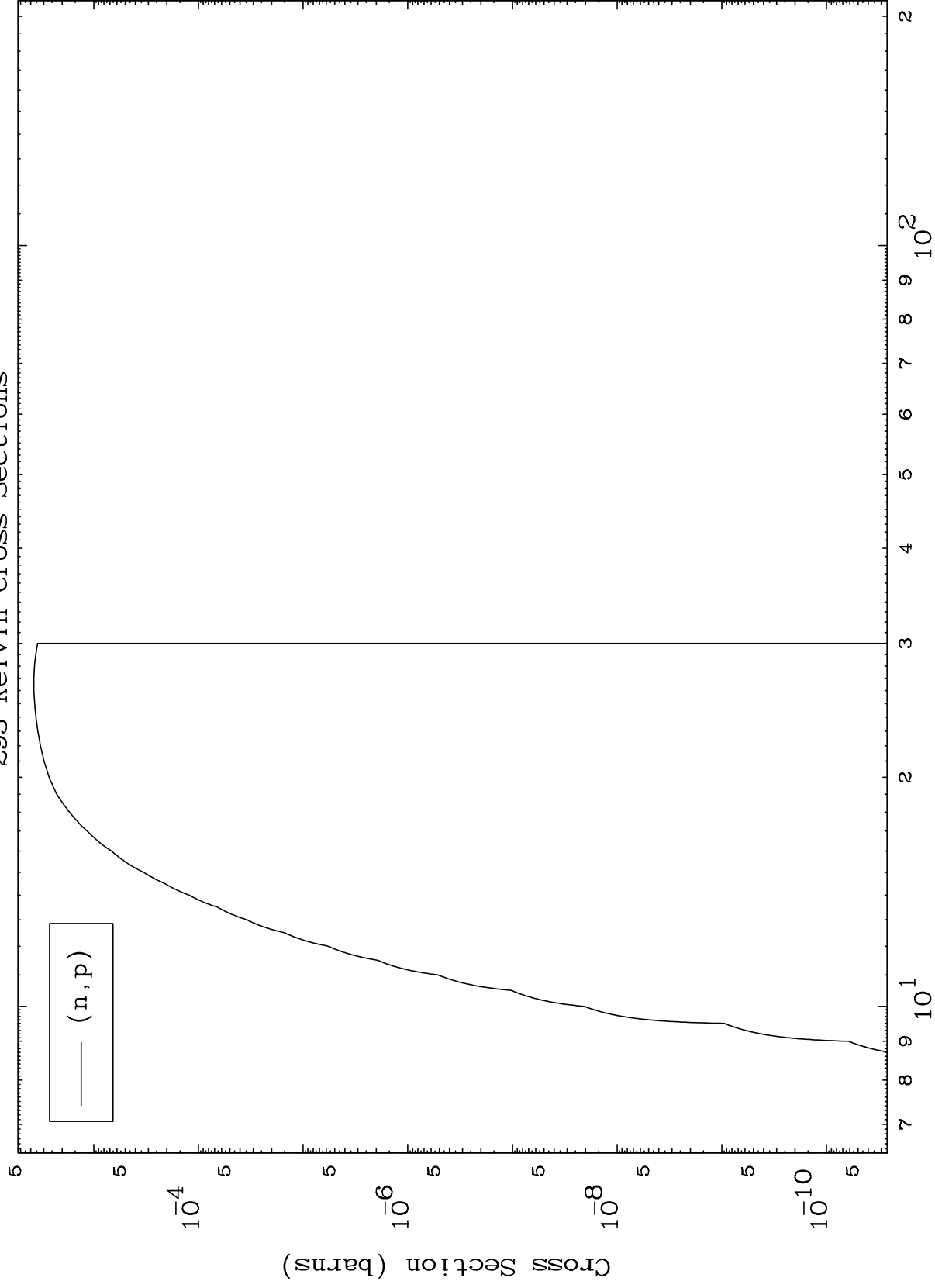
293 Kelvin Cross Sections



MAT 5555

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-143



10

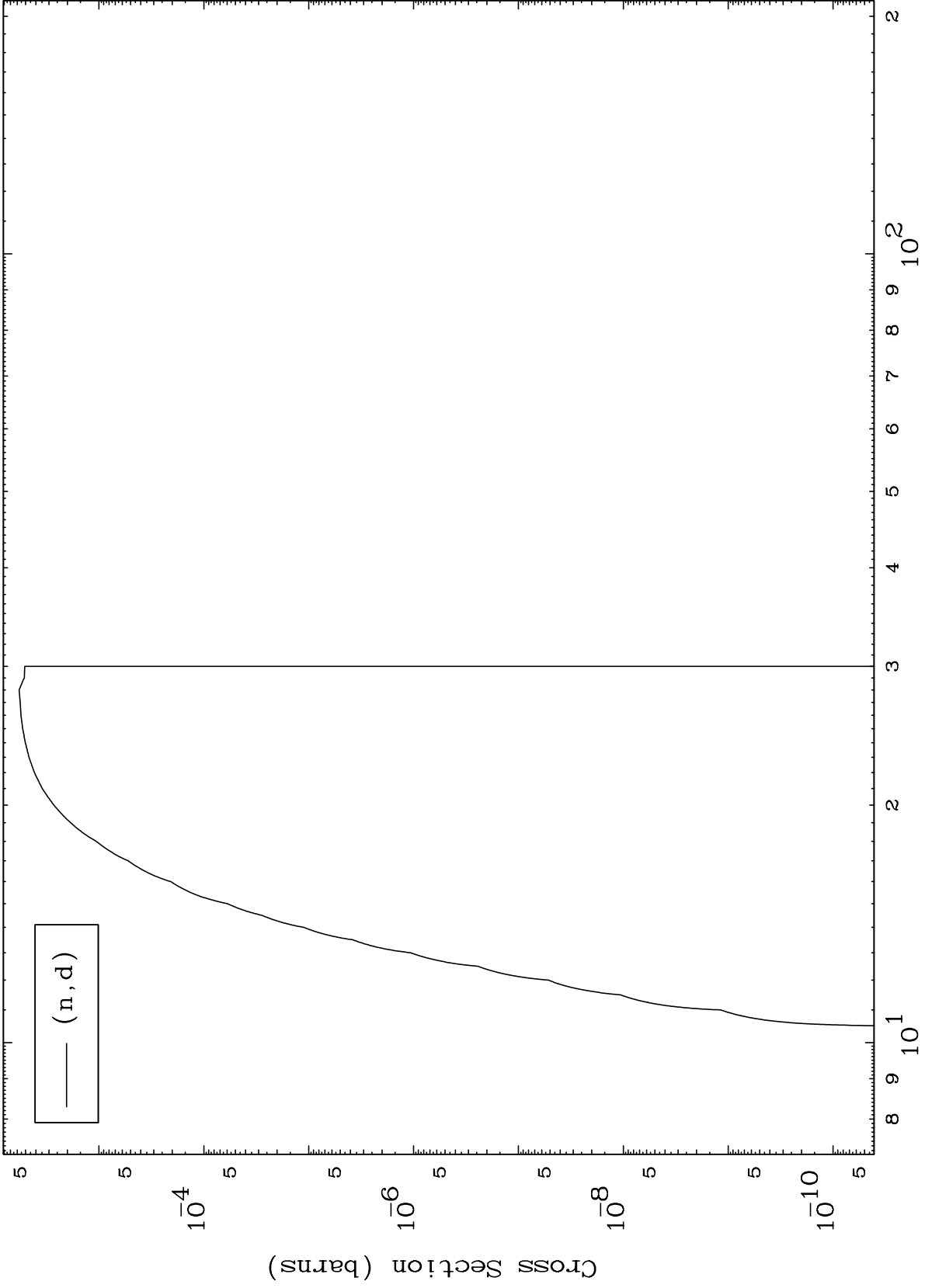
Incident Energy (MeV)

55-Cs-143

MAT 5555

(n,d) Levels
293 Kelvin Cross Sections

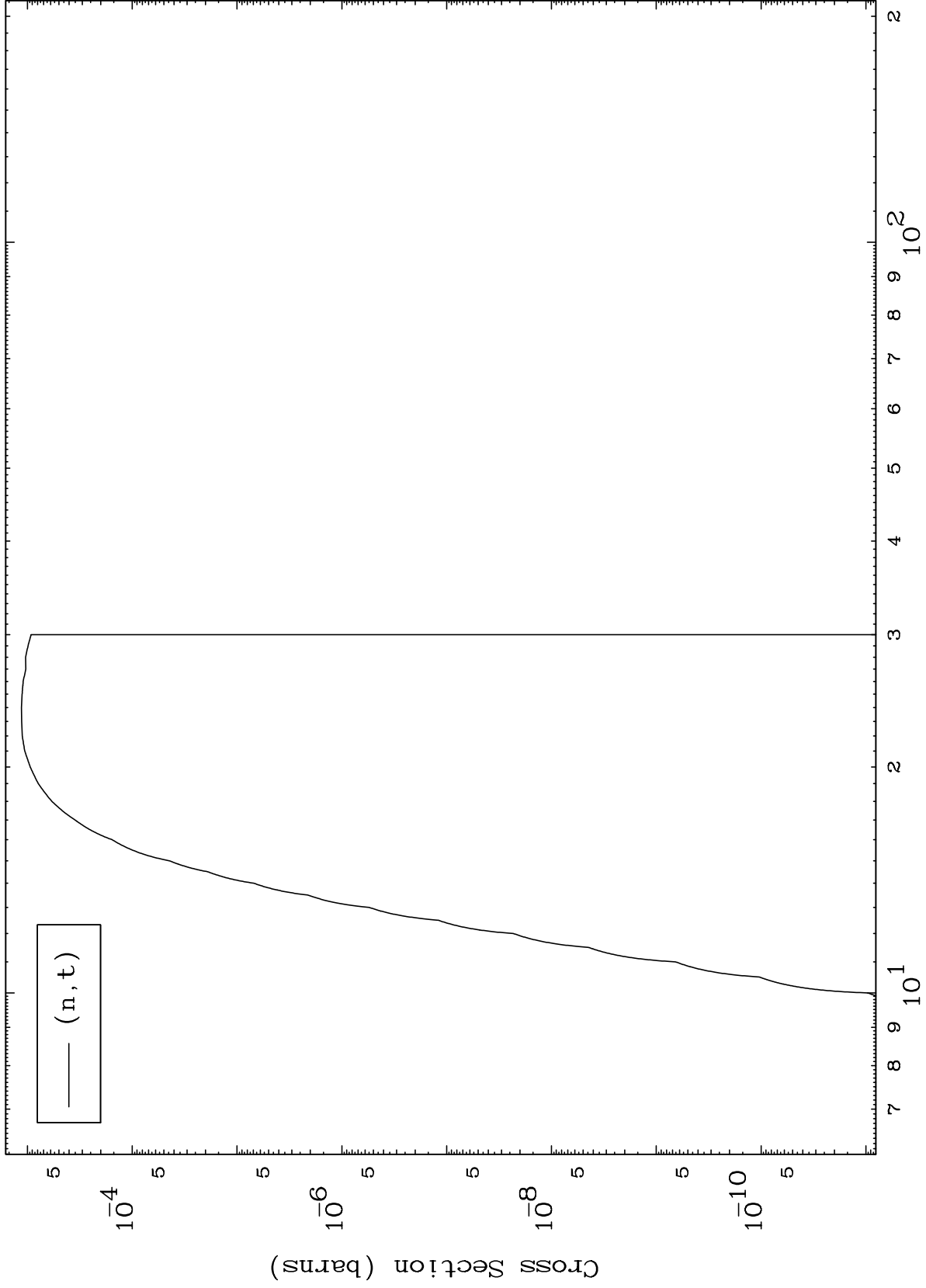
55-Cs-143



MAT 5555

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-143



12

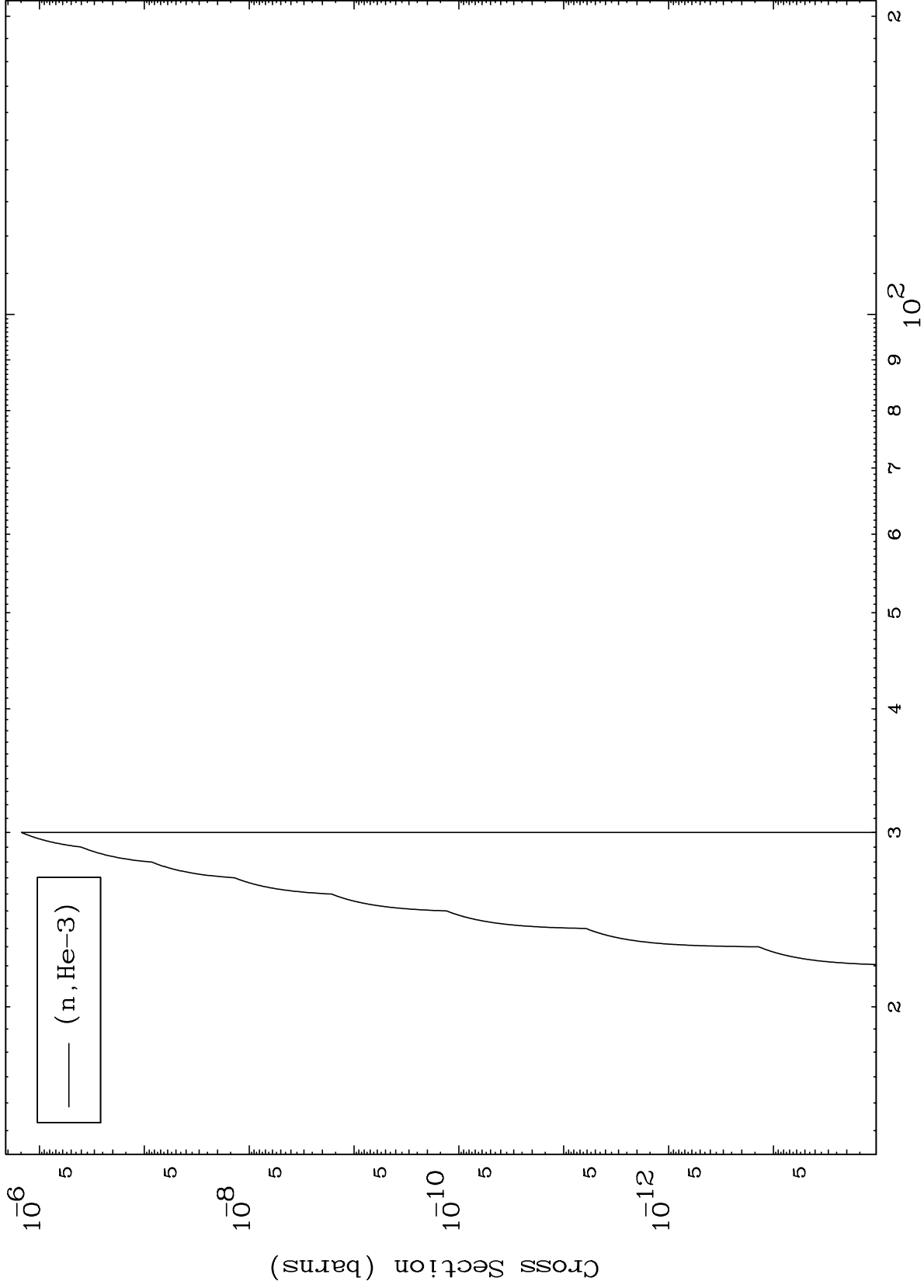
Incident Energy (MeV)

55-Cs-143

MAT 5555

(n,He3) Levels
293 Kelvin Cross Sections

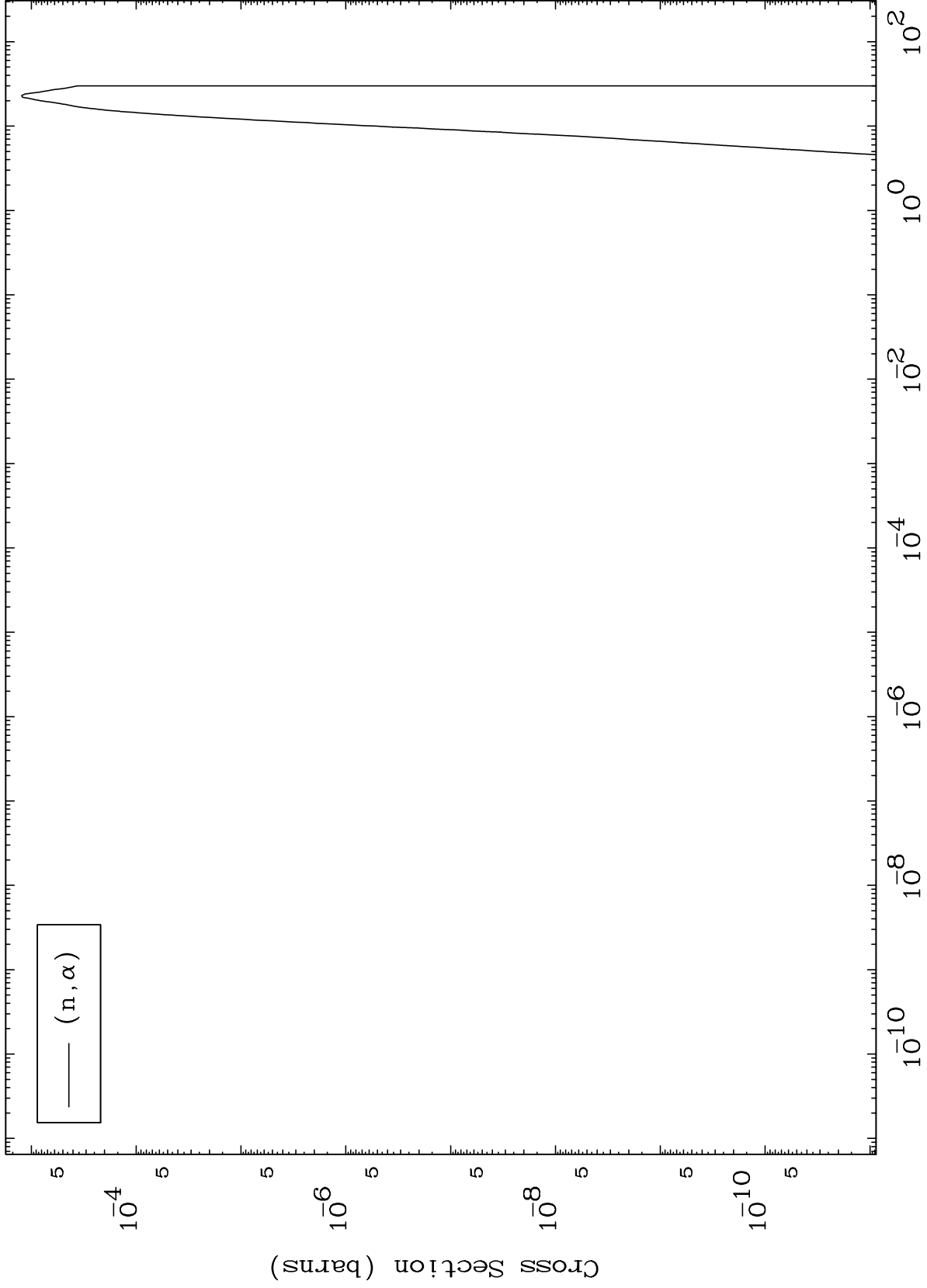
55-Cs-143



MAT 5555

(n, α) Levels
293 Kelvin Cross Sections

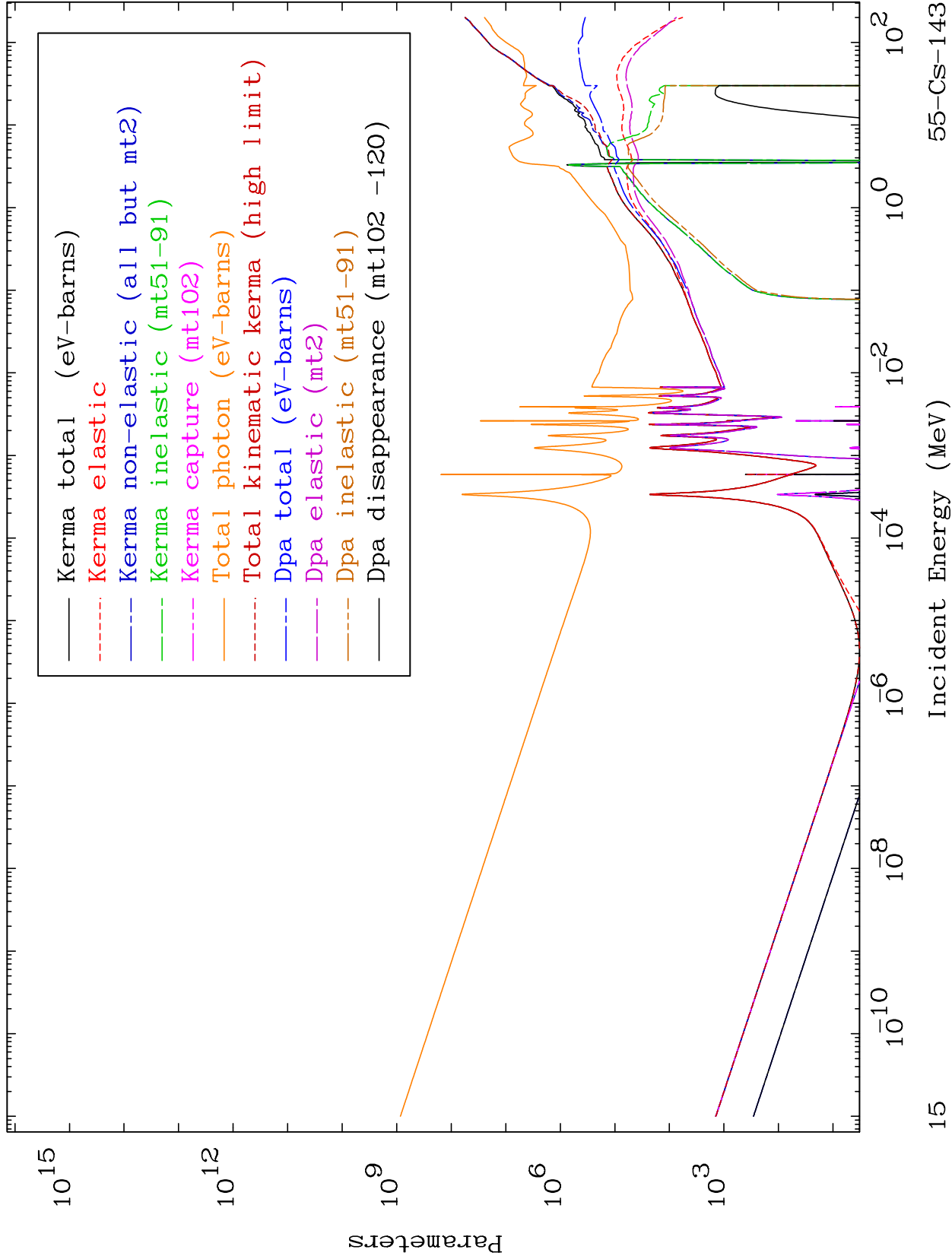
55-Cs-143



14

Incident Energy (MeV)

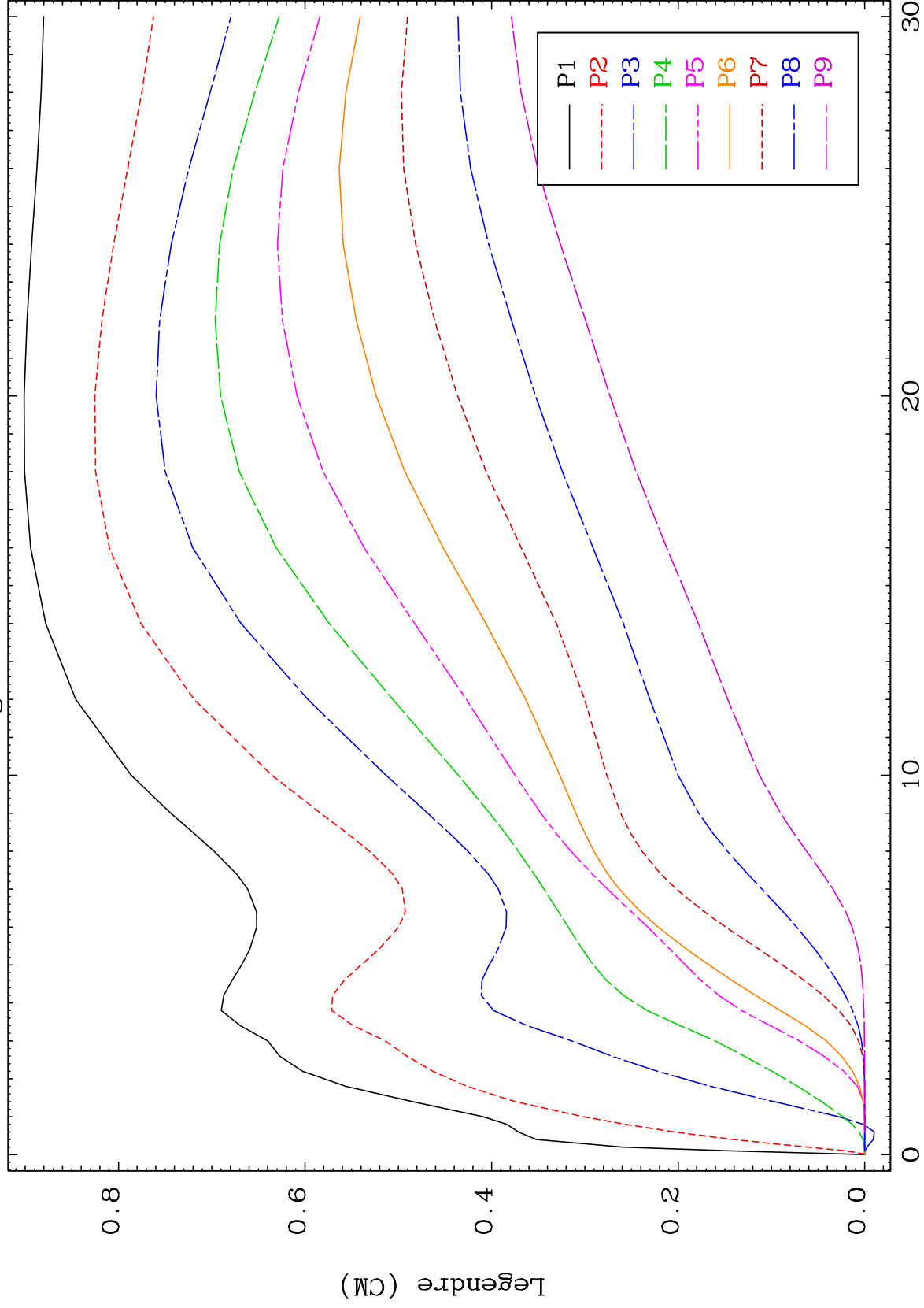
55-Cs-143



MAT 5555

Elastic Legendre Coefficients

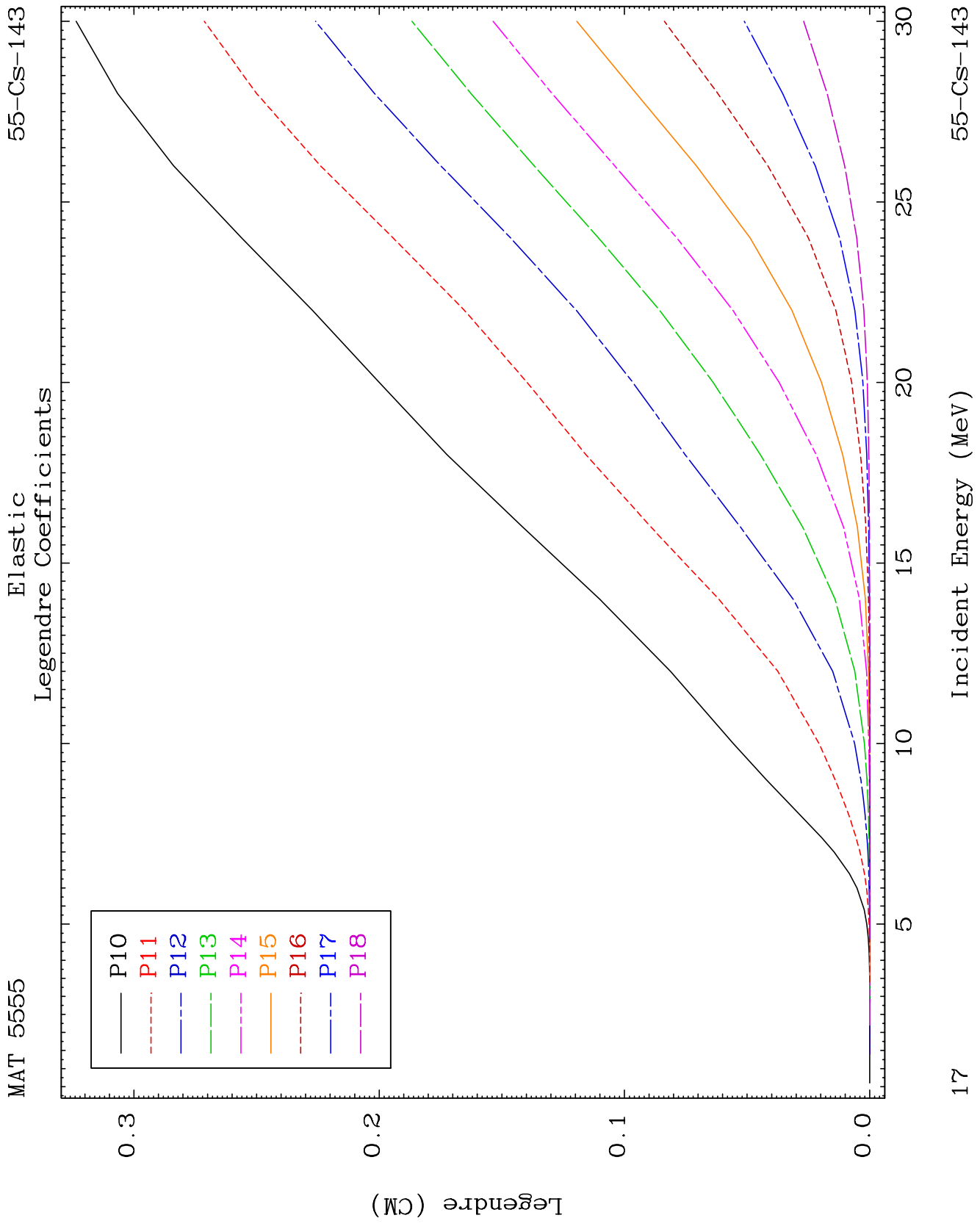
55-Cs-143



16

Incident Energy (MeV)

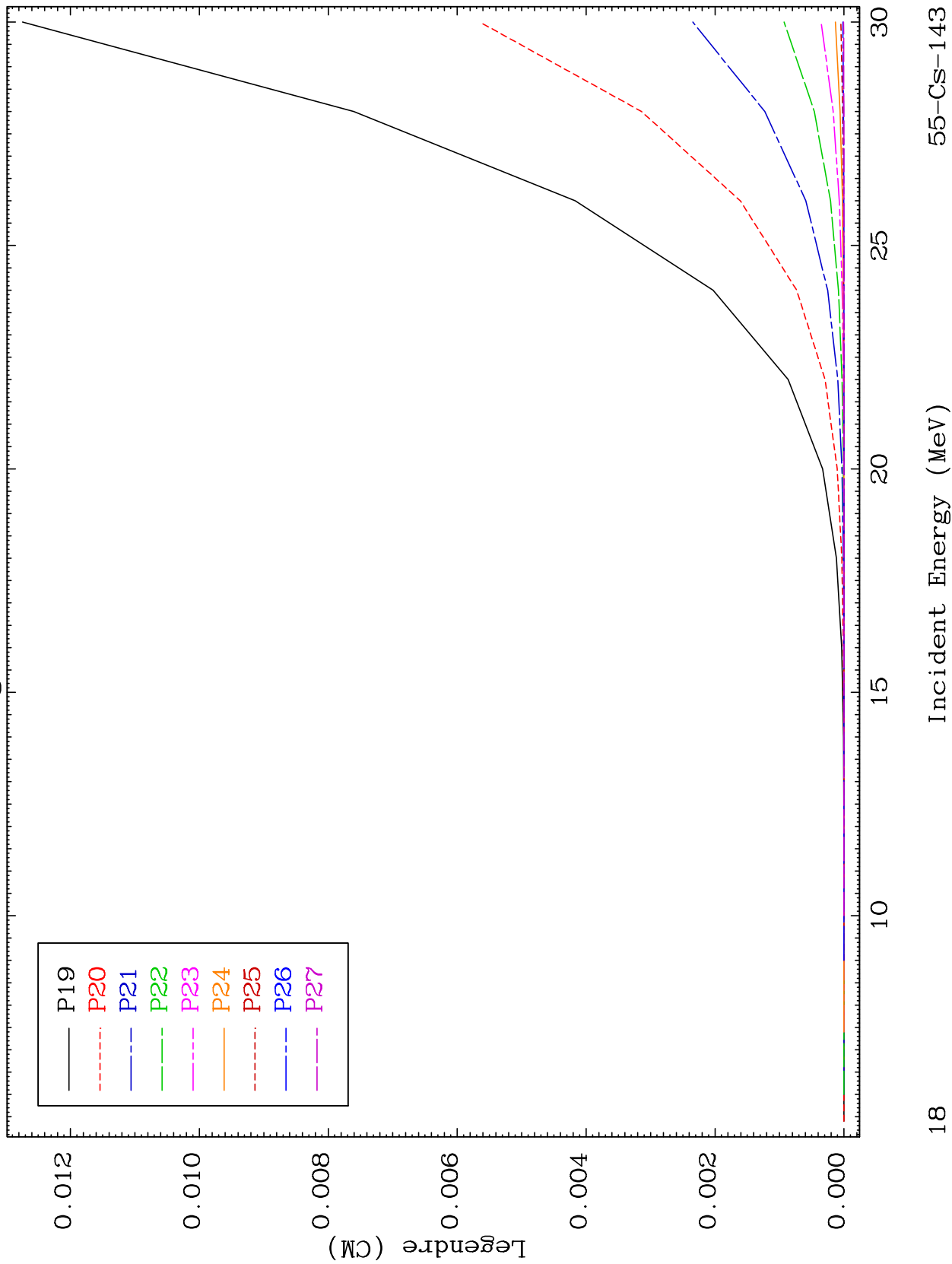
55-Cs-143



MAT 5555

Elastic Legendre Coefficients

55-Cs-143



18

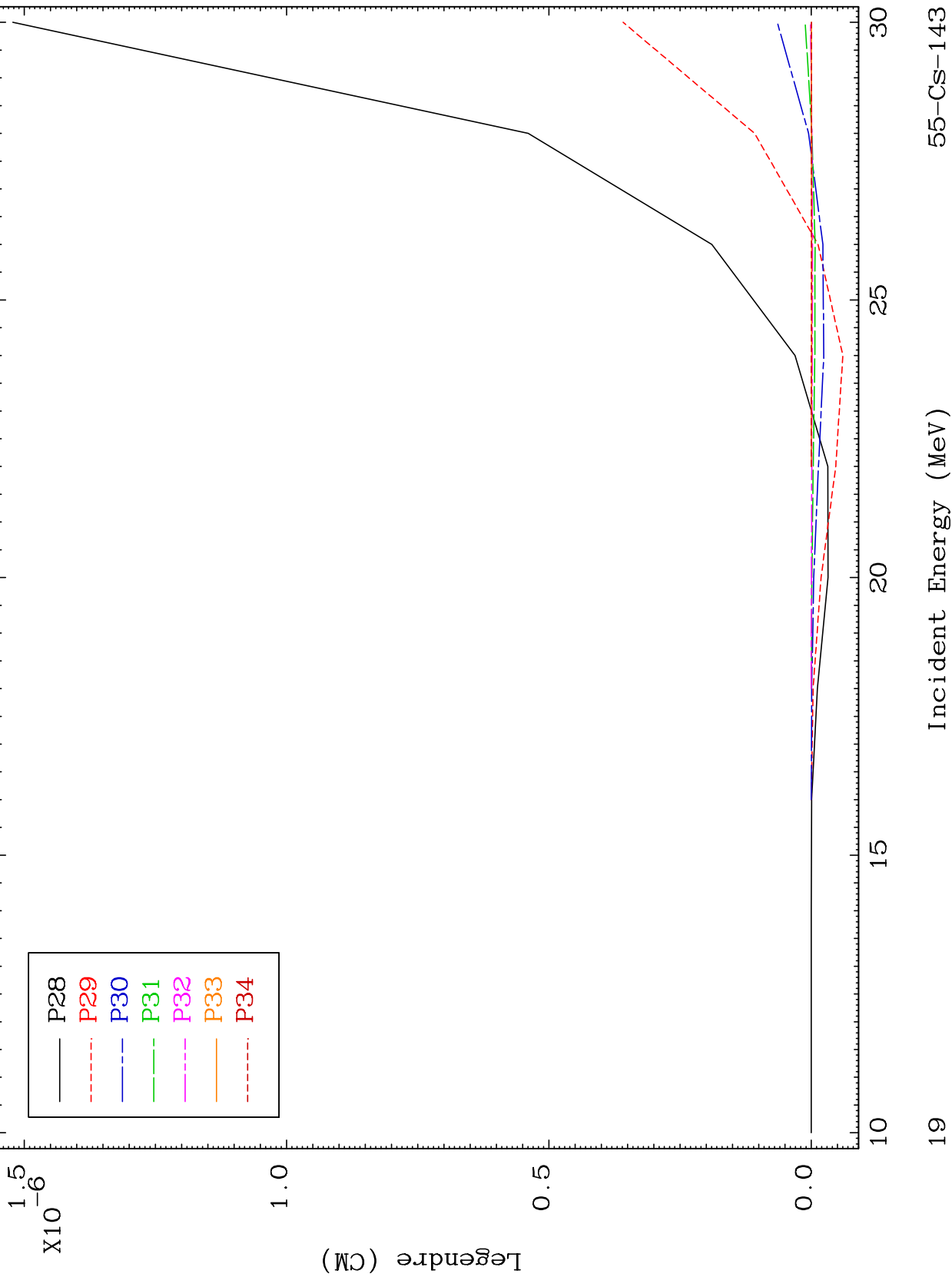
Incident Energy (MeV)

55-Cs-143

MAT 5555

Elastic Legendre Coefficients

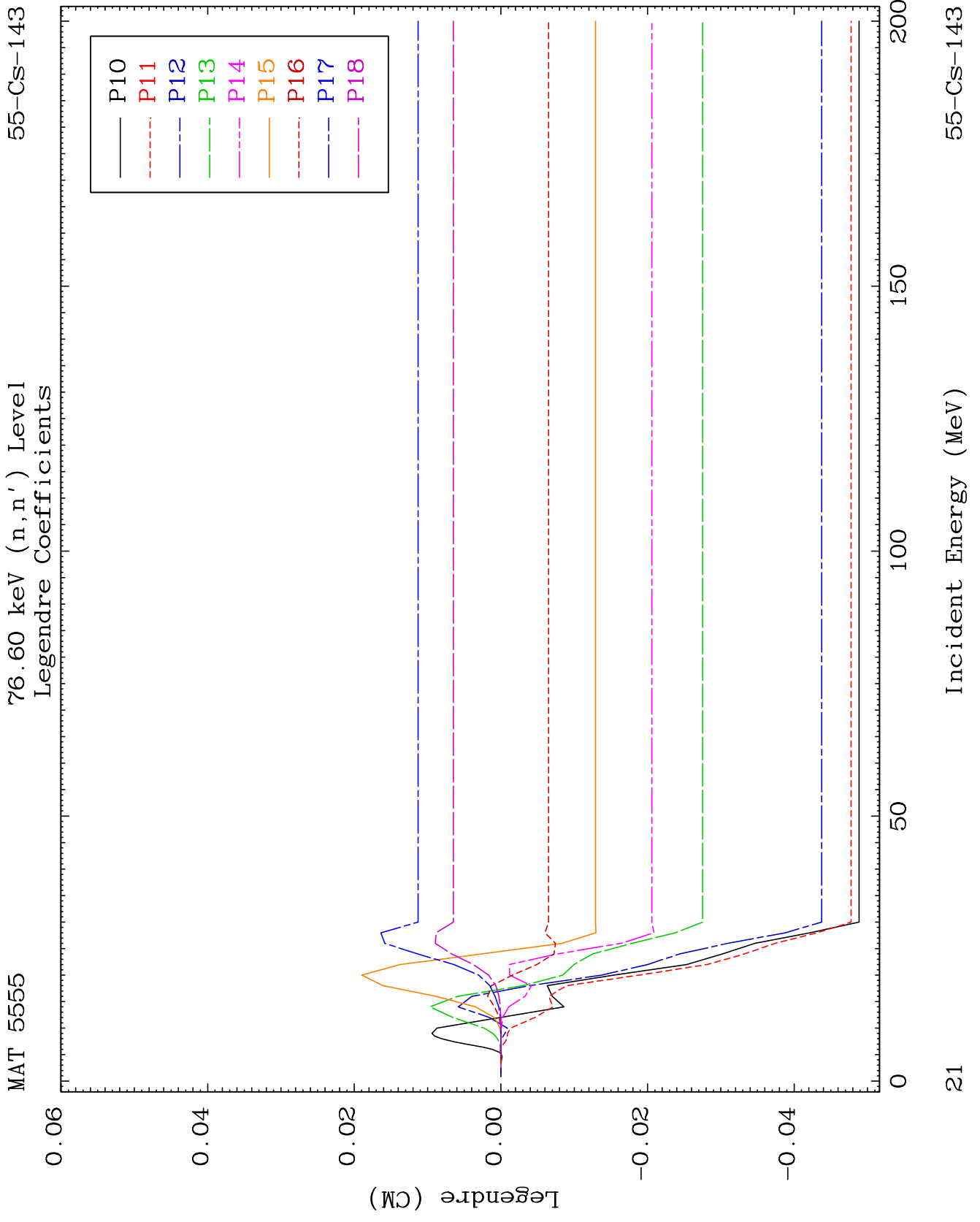
55-Cs-143



19

Incident Energy (MeV)

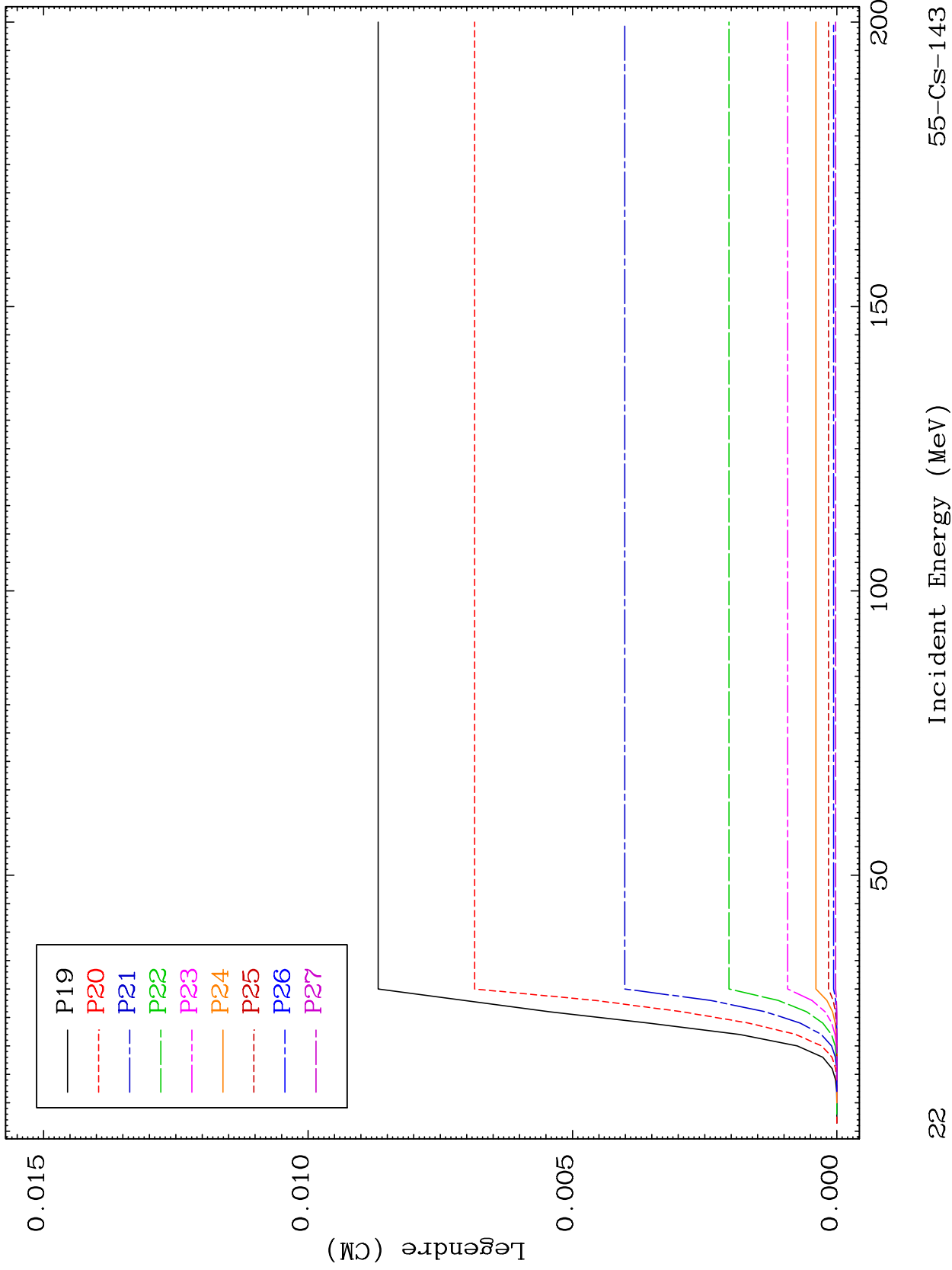
55-Cs-143



MAT 5555

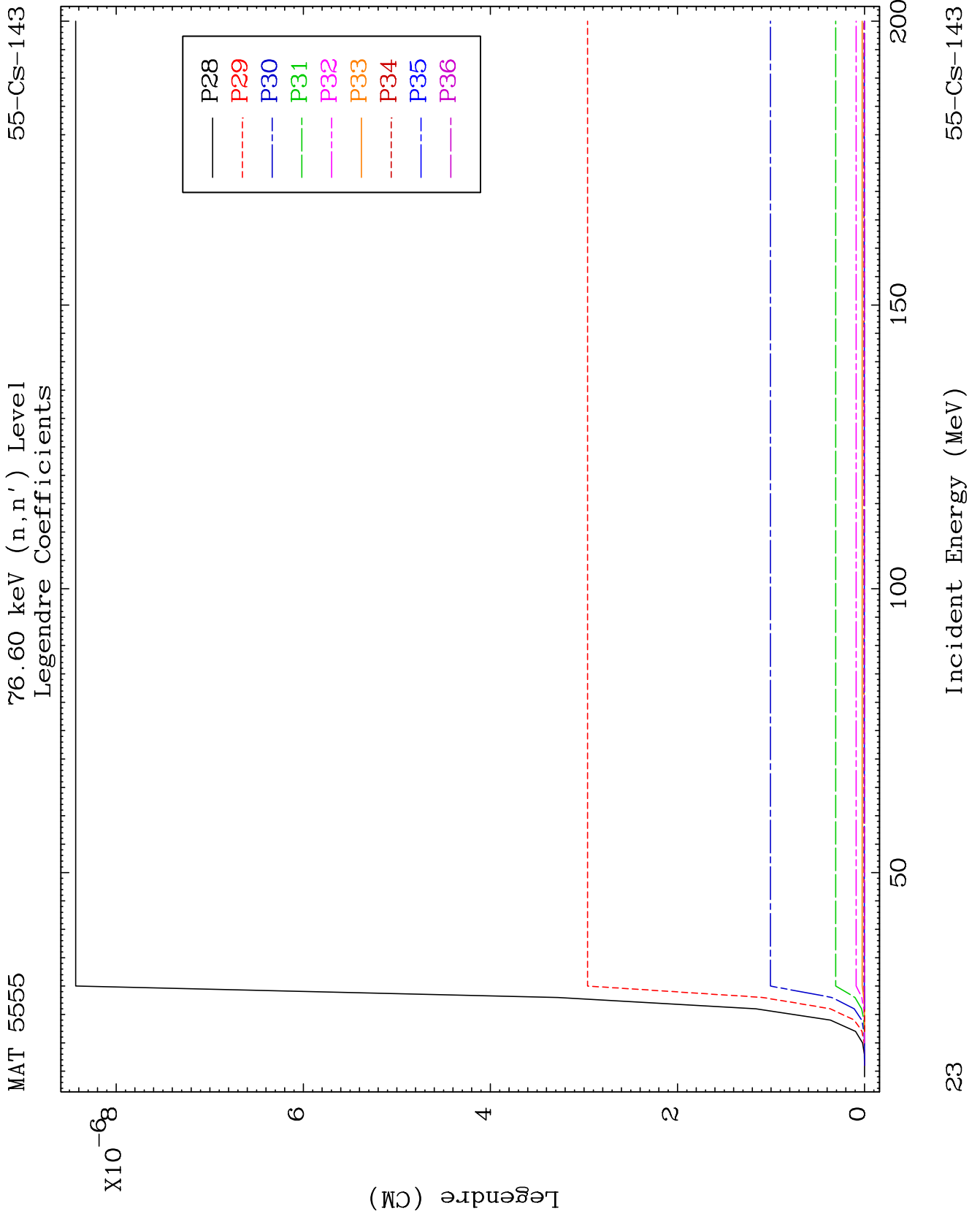
76.60 keV (n,n') Level
Legendre Coefficients

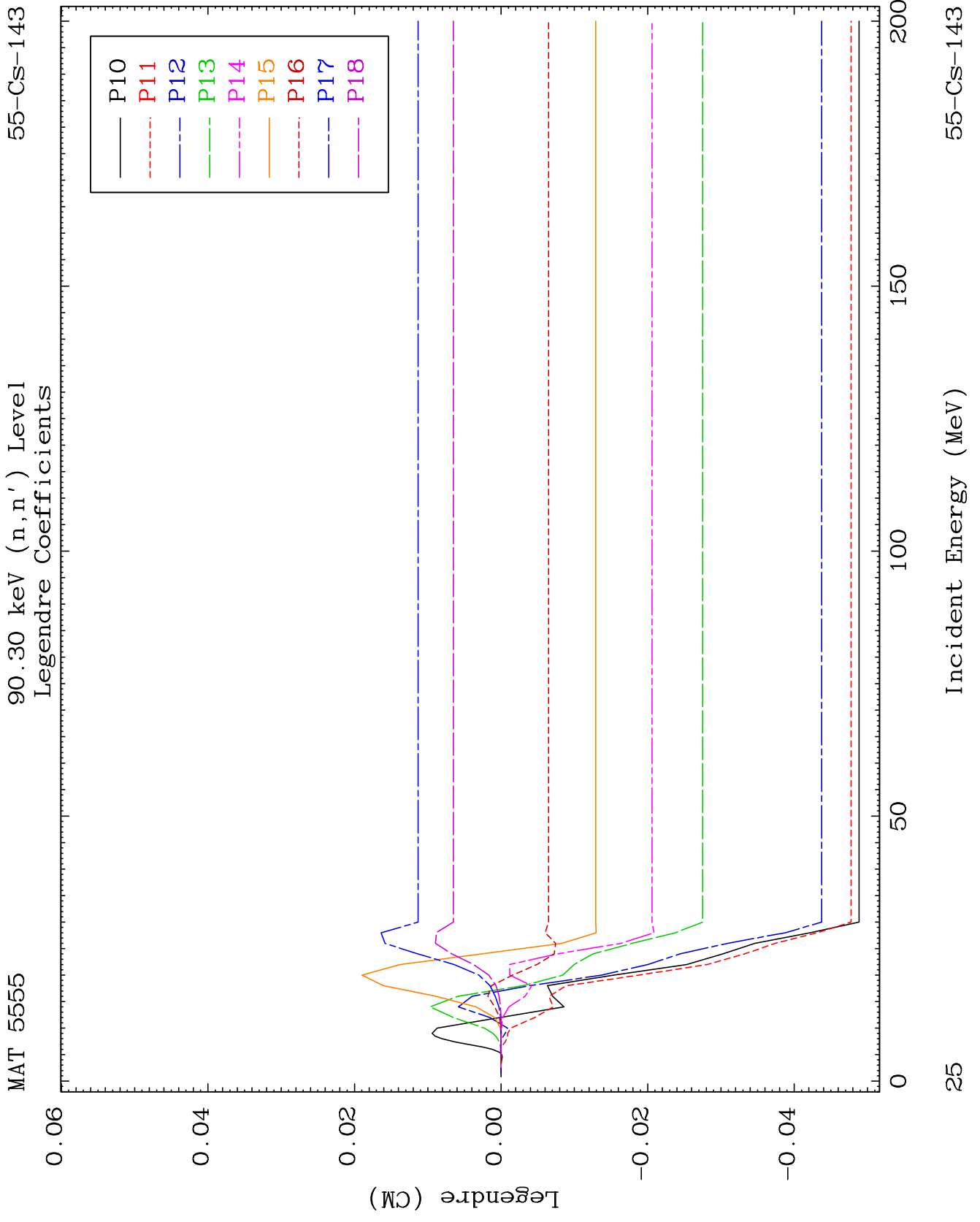
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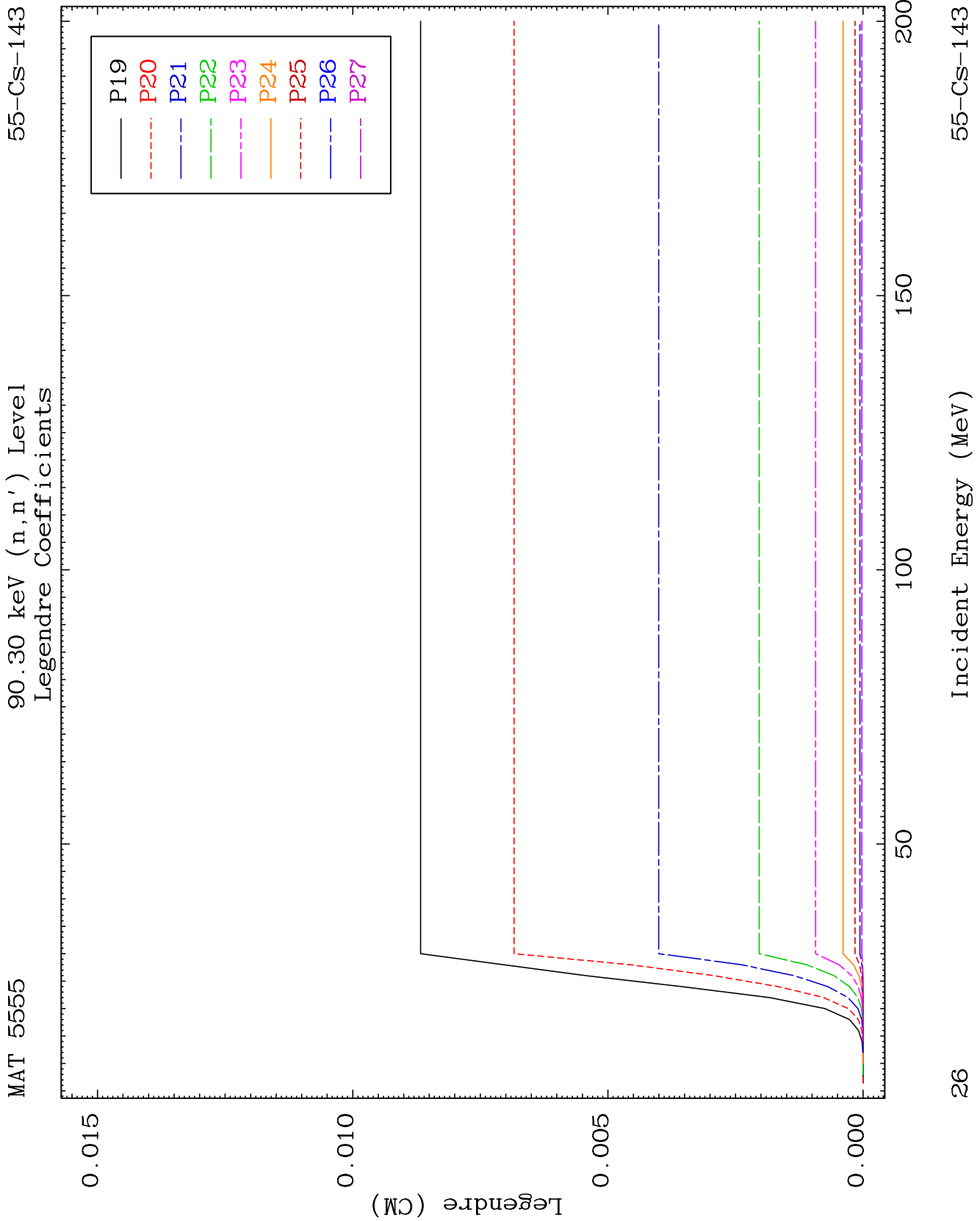


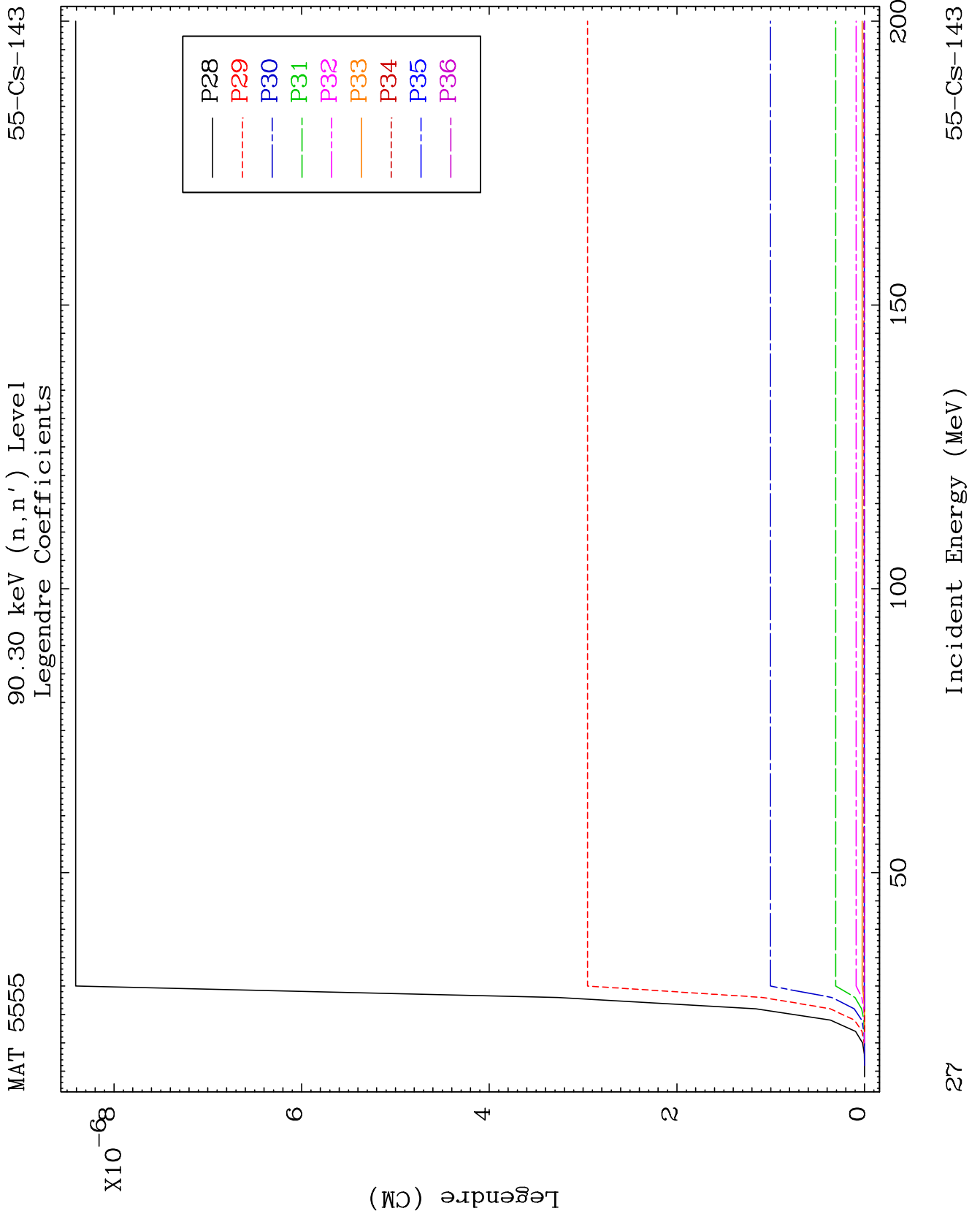
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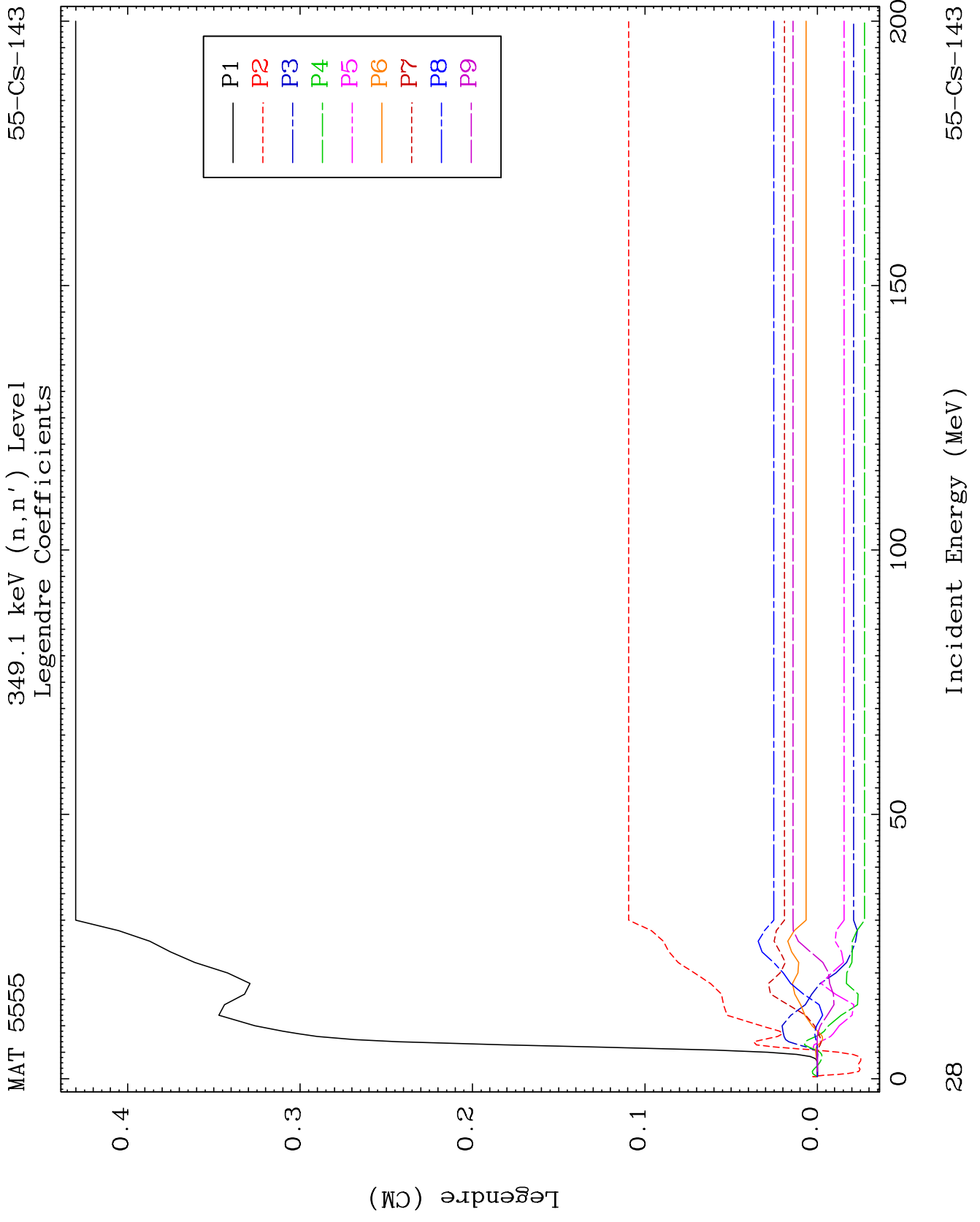
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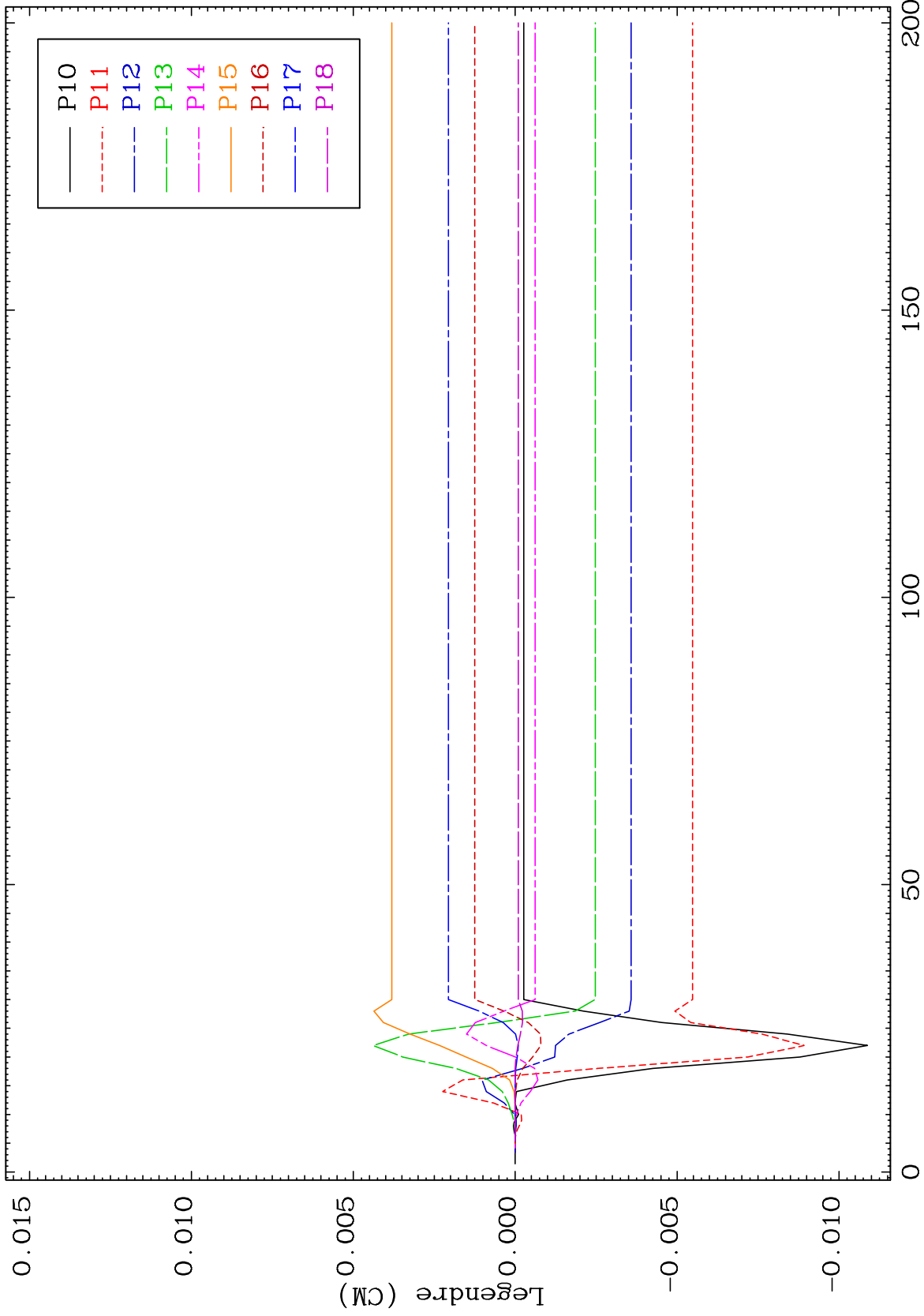




MAT 5555

349.1 keV (n,n') Level
Legendre Coefficients

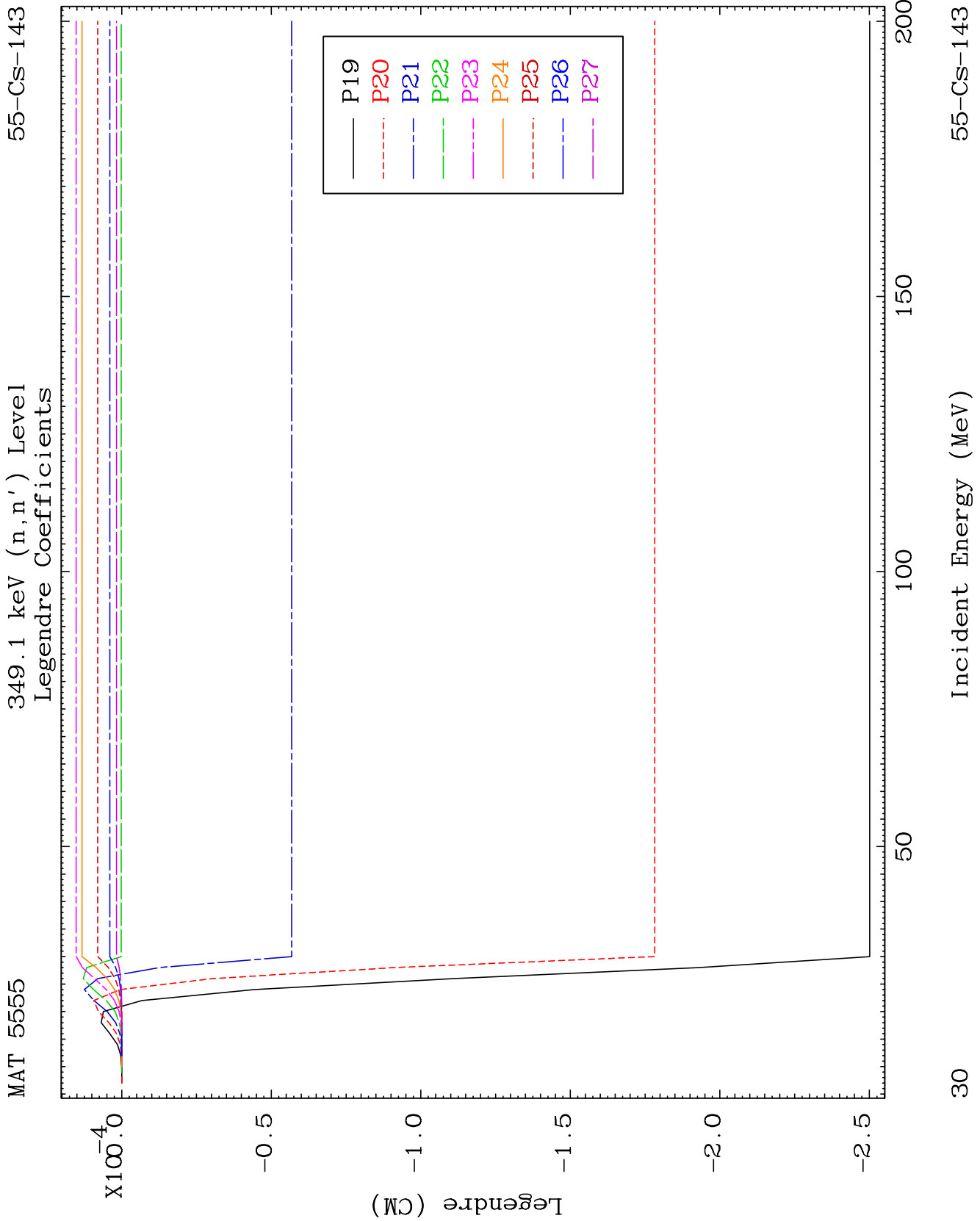
55-Cs-143



29

Incident Energy (MeV)

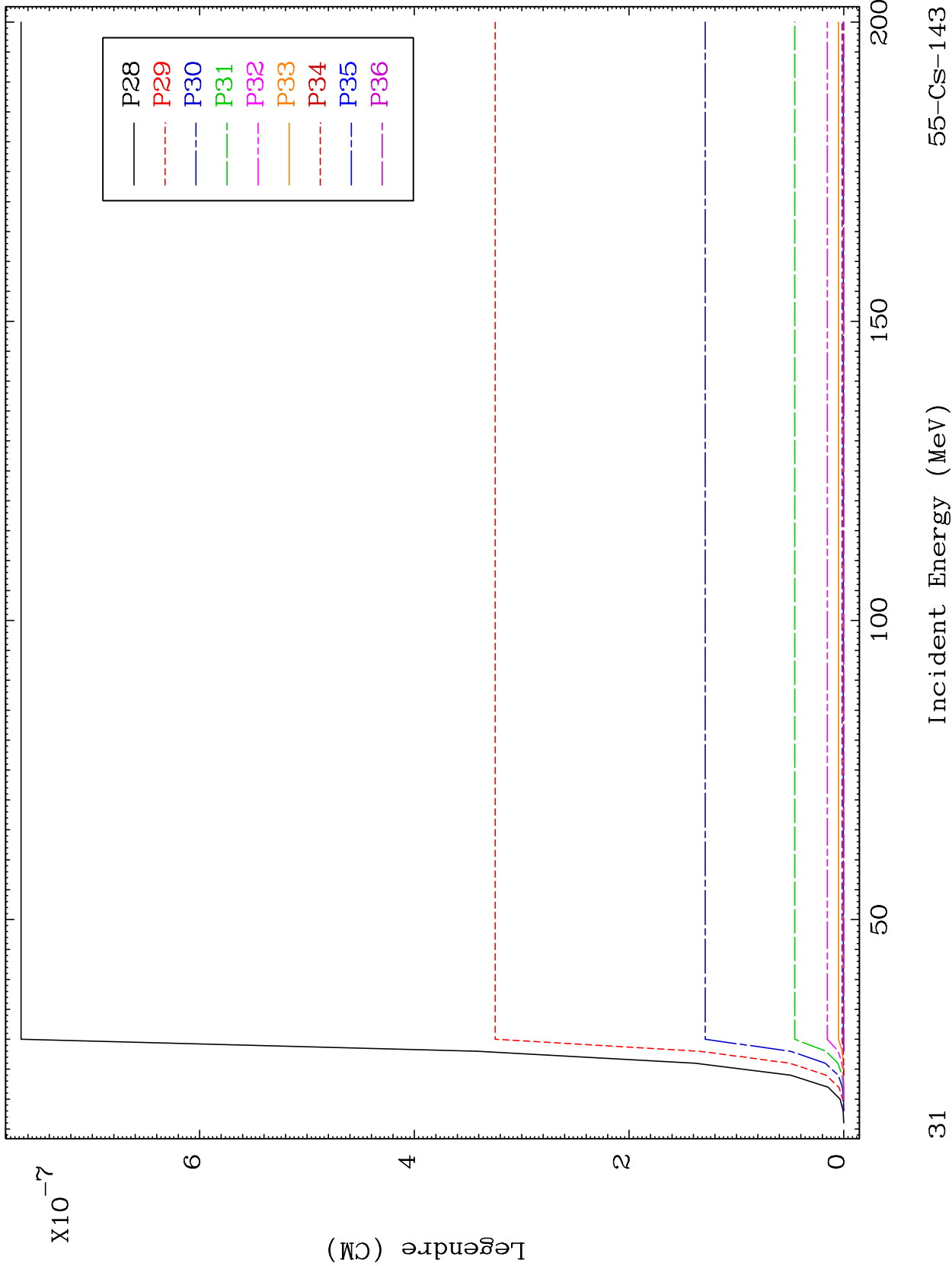
55-Cs-143



MAT 5555

349.1 keV (n,n') Level
Legendre Coefficients

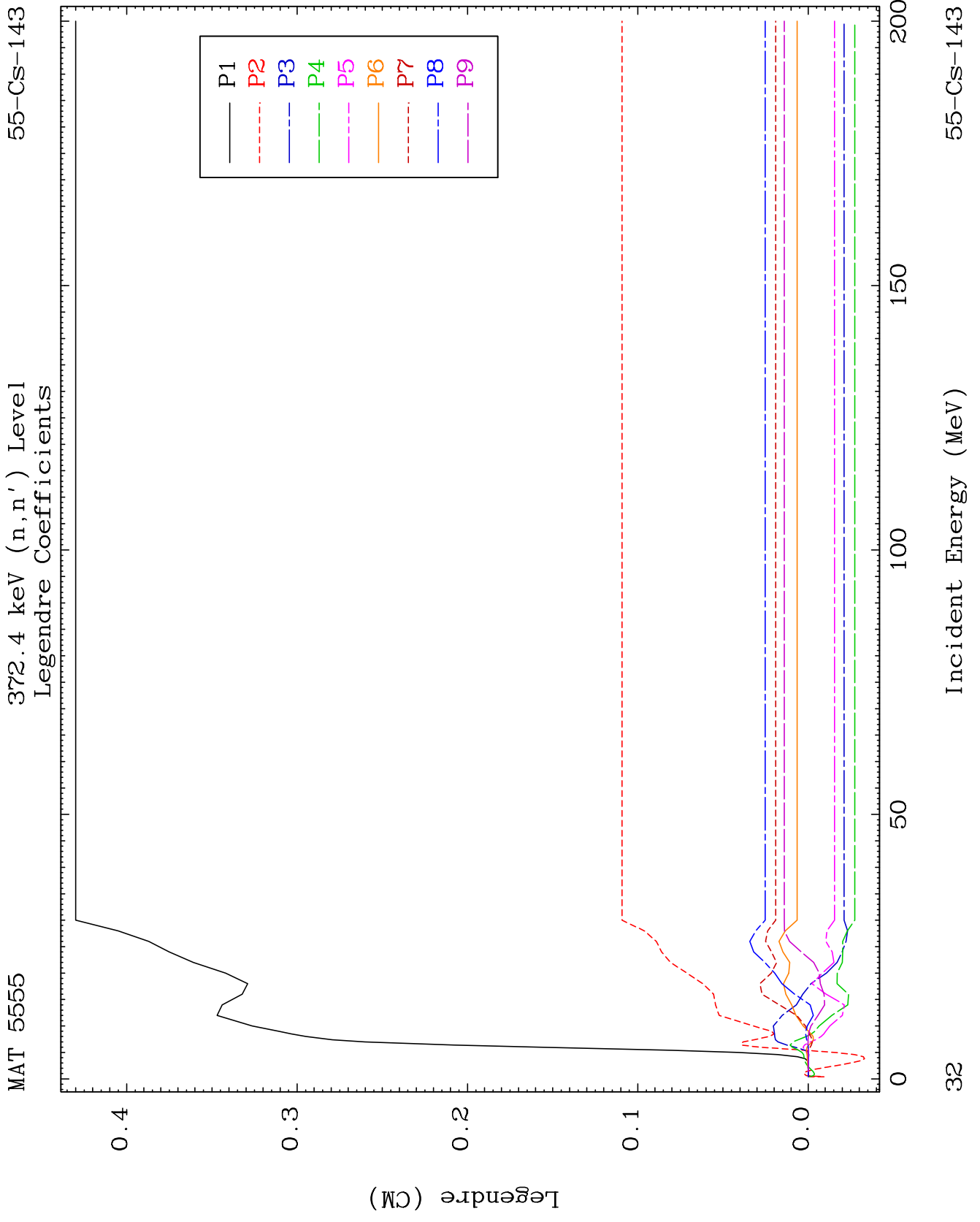
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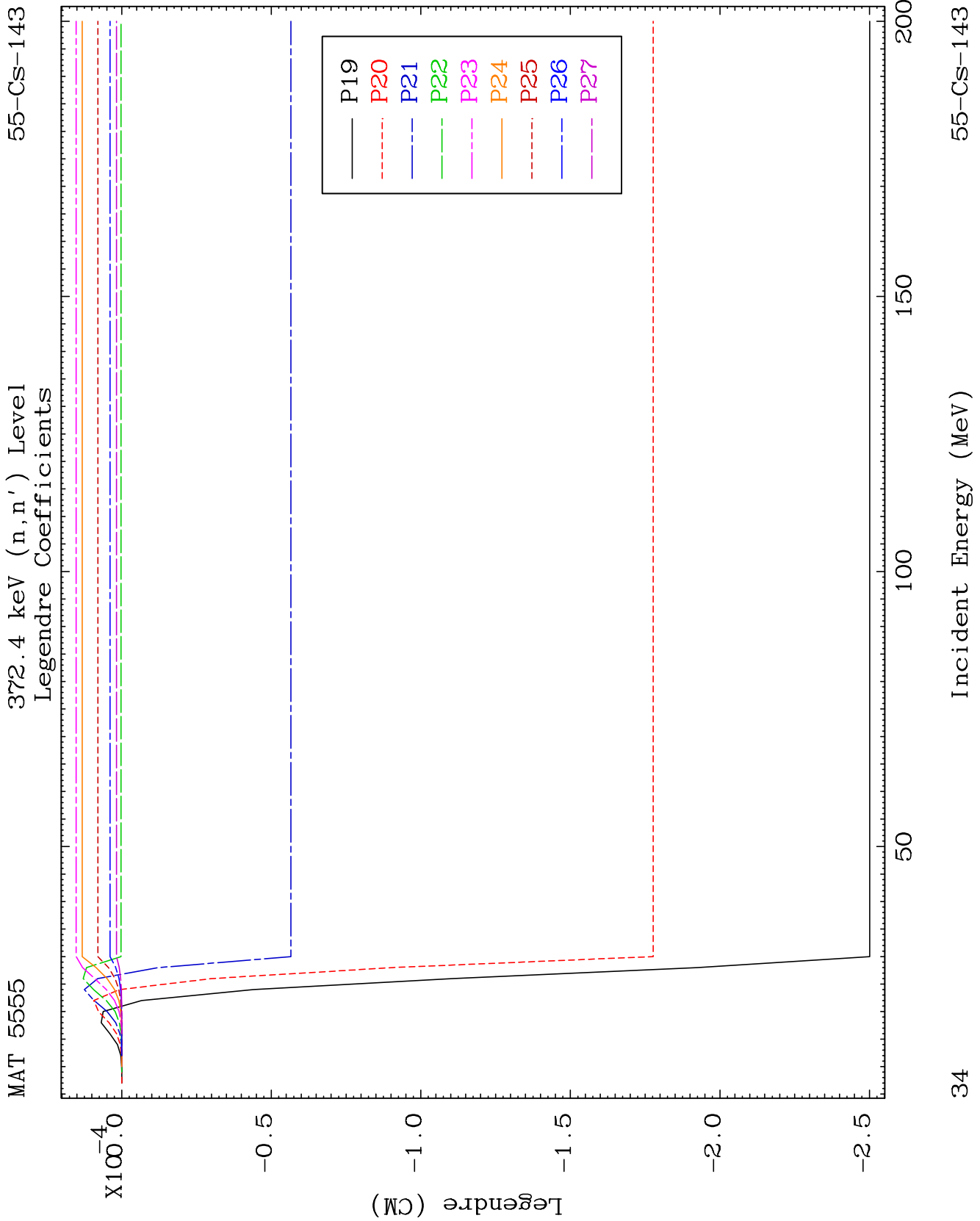


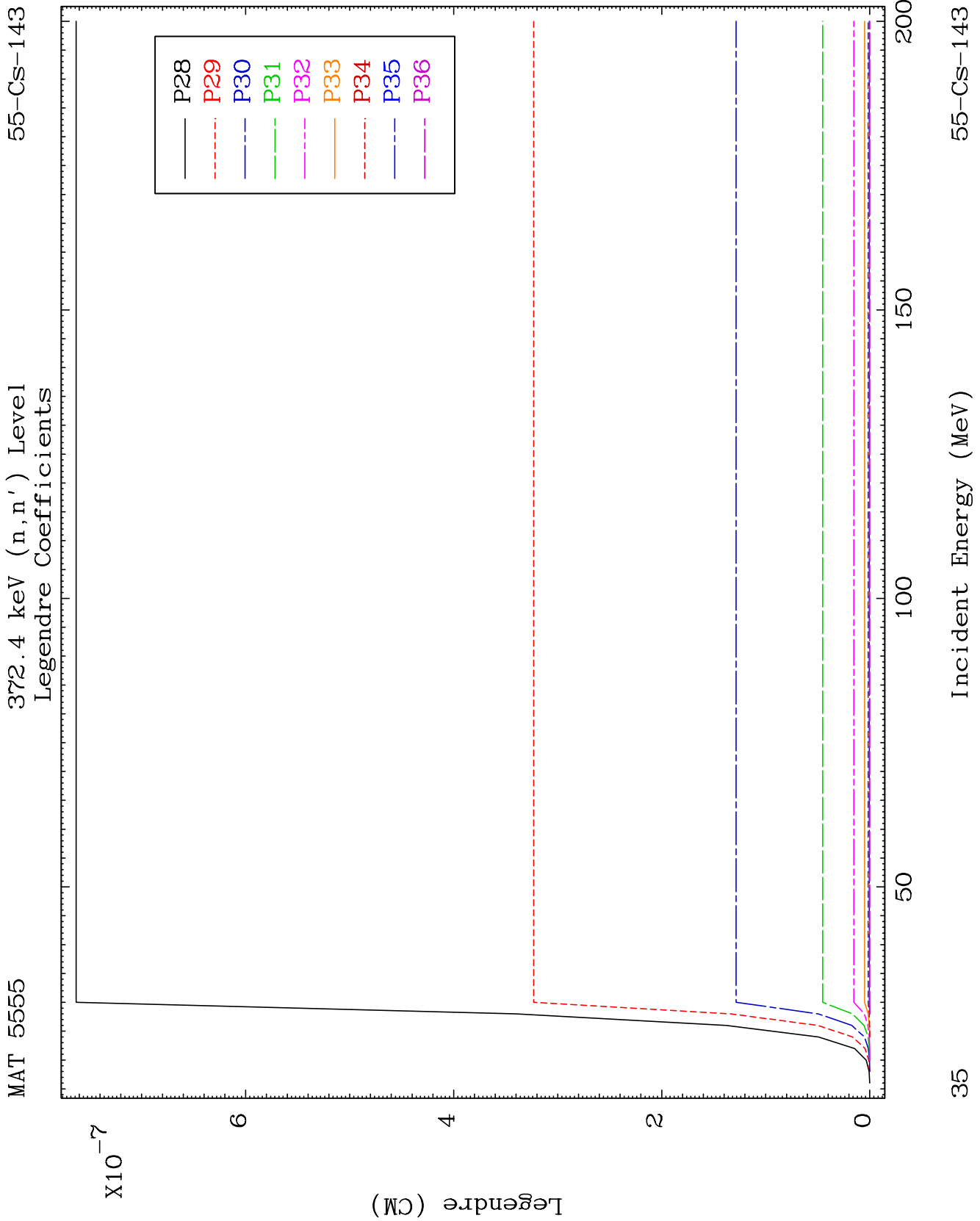
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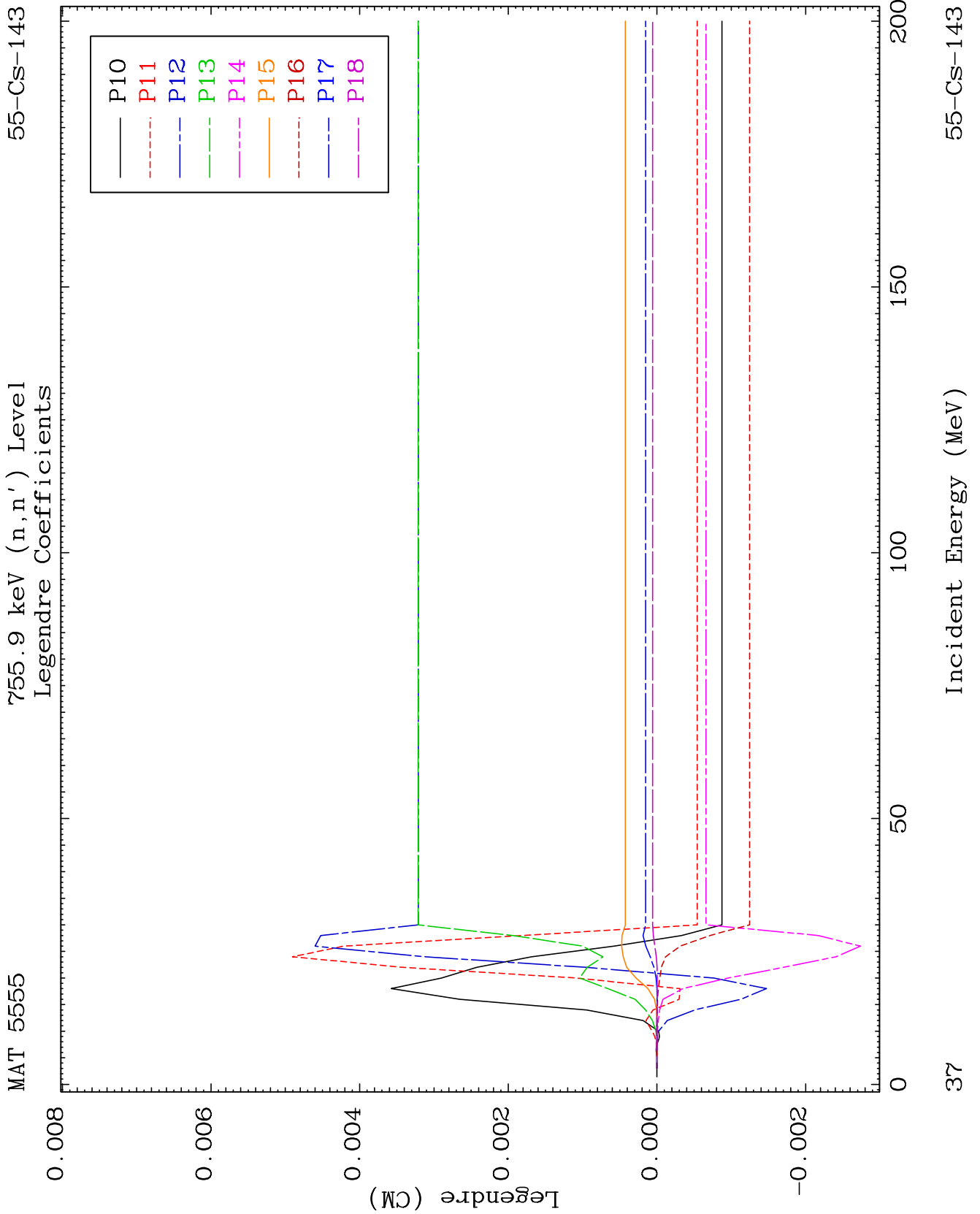
Incident Energy (MeV)

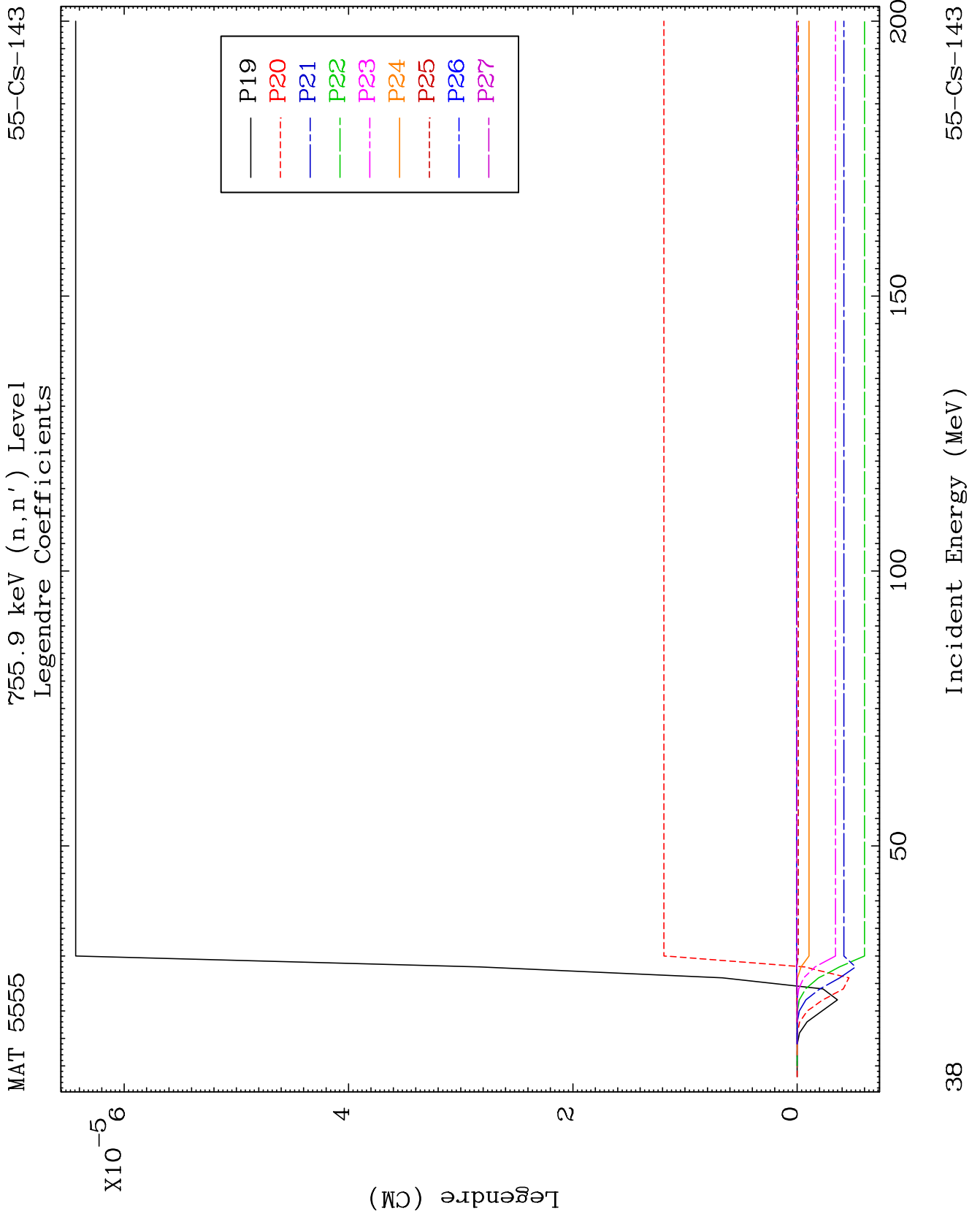
55-Cs-143



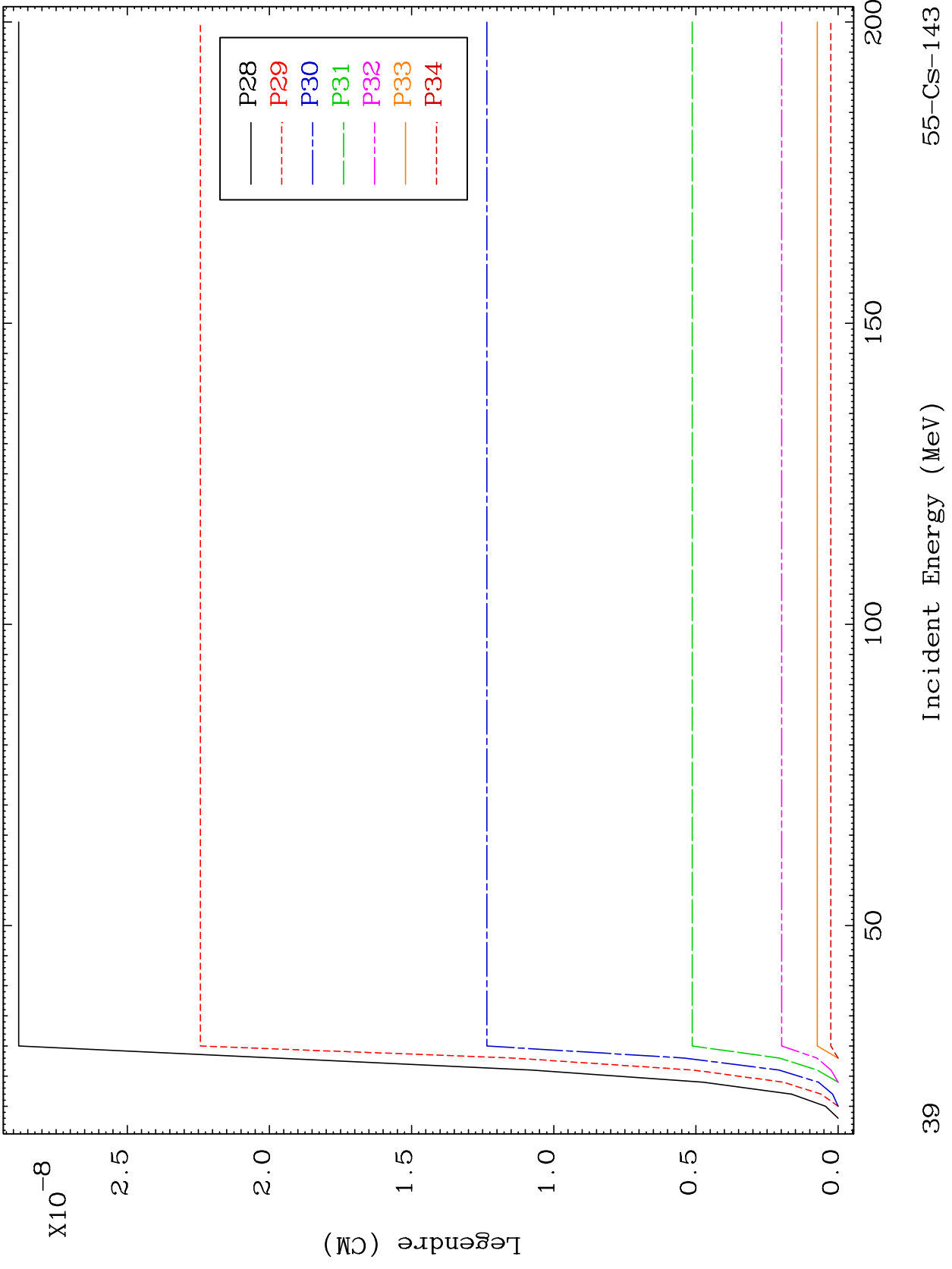








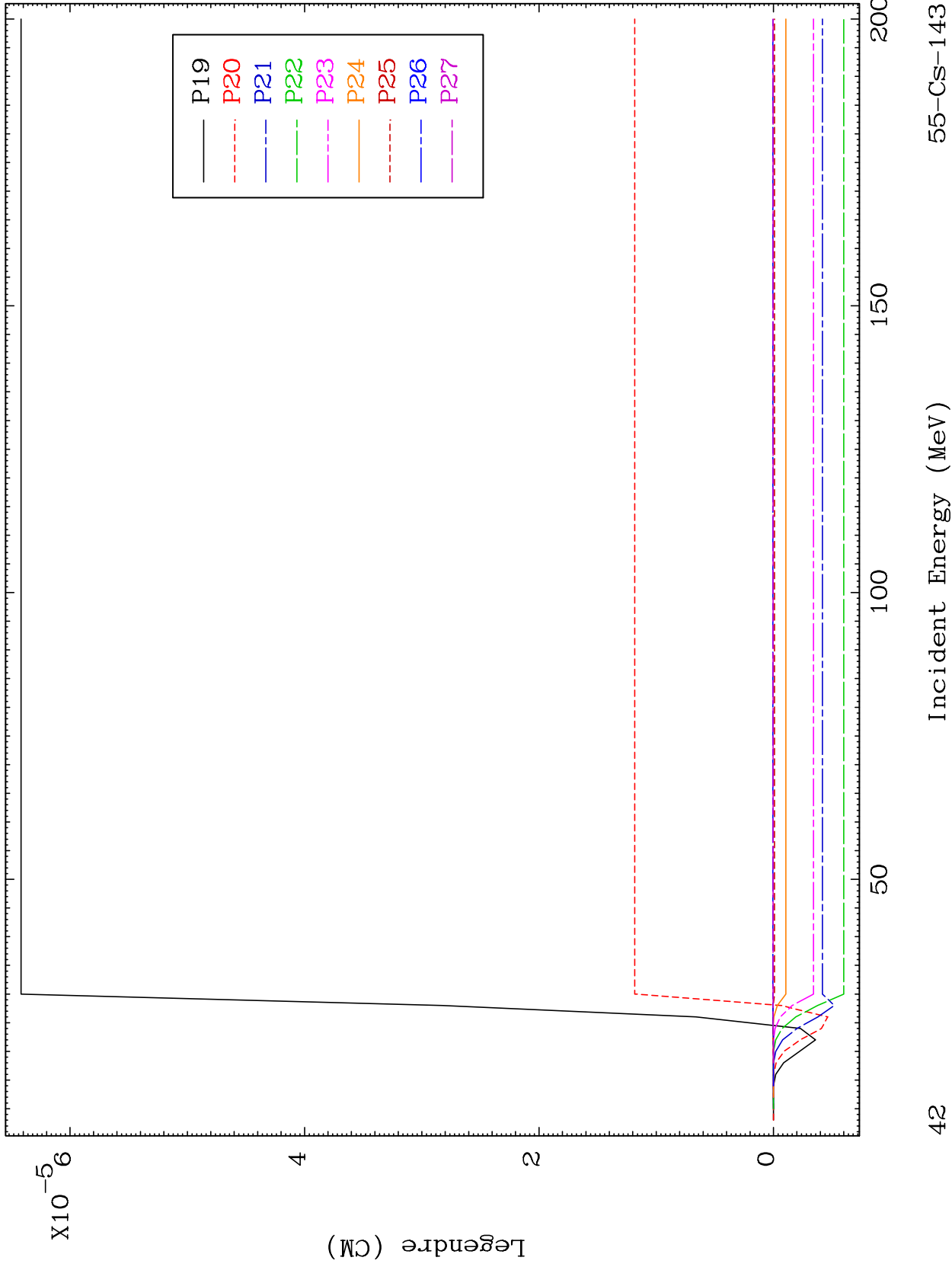
MAT 5555 755.9 keV (n,n') Level 55-Cs-143



MAT 5555

769.1 keV (n,n') Level
Legendre Coefficients

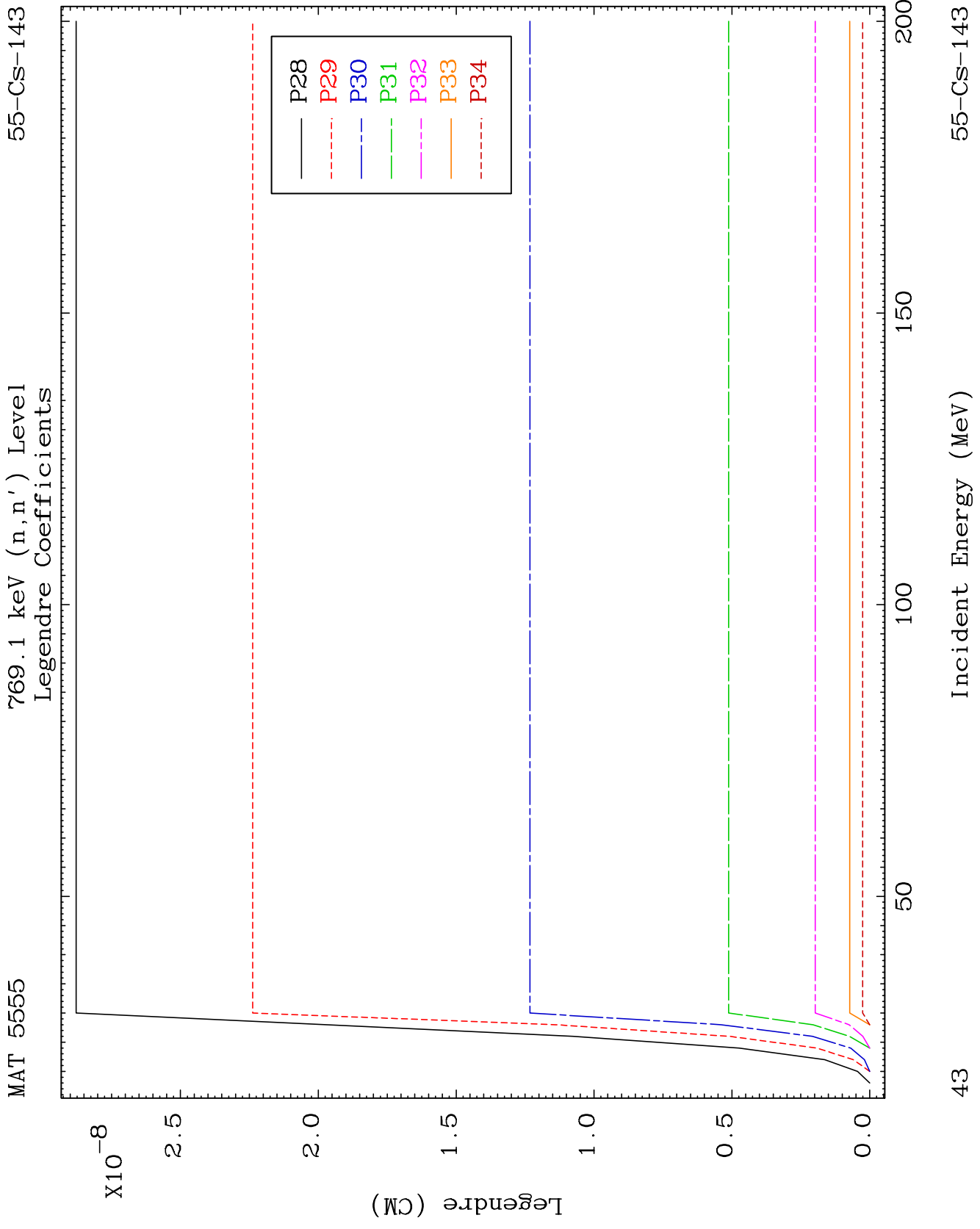
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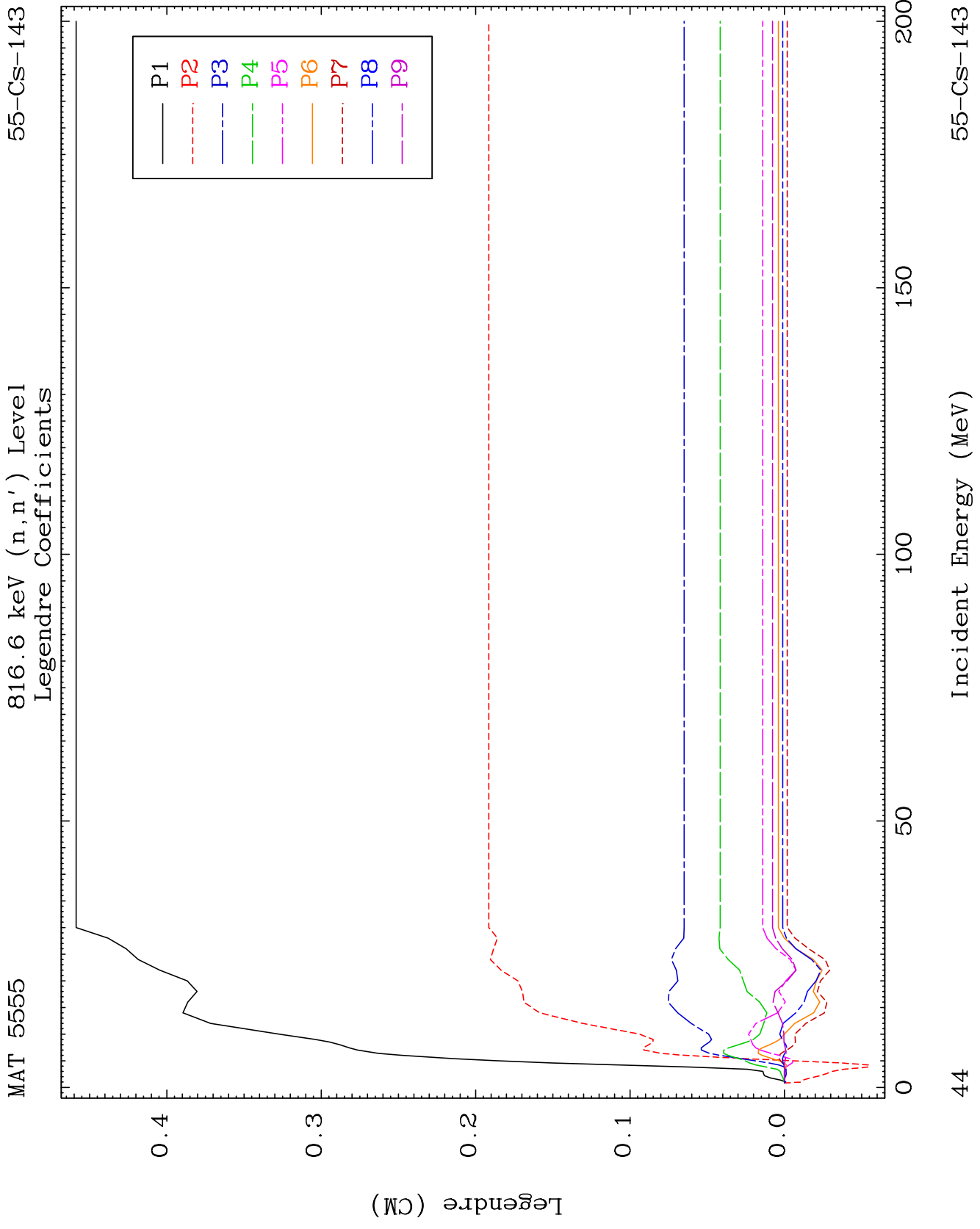


42

Incident Energy (MeV)

55-Cs-143

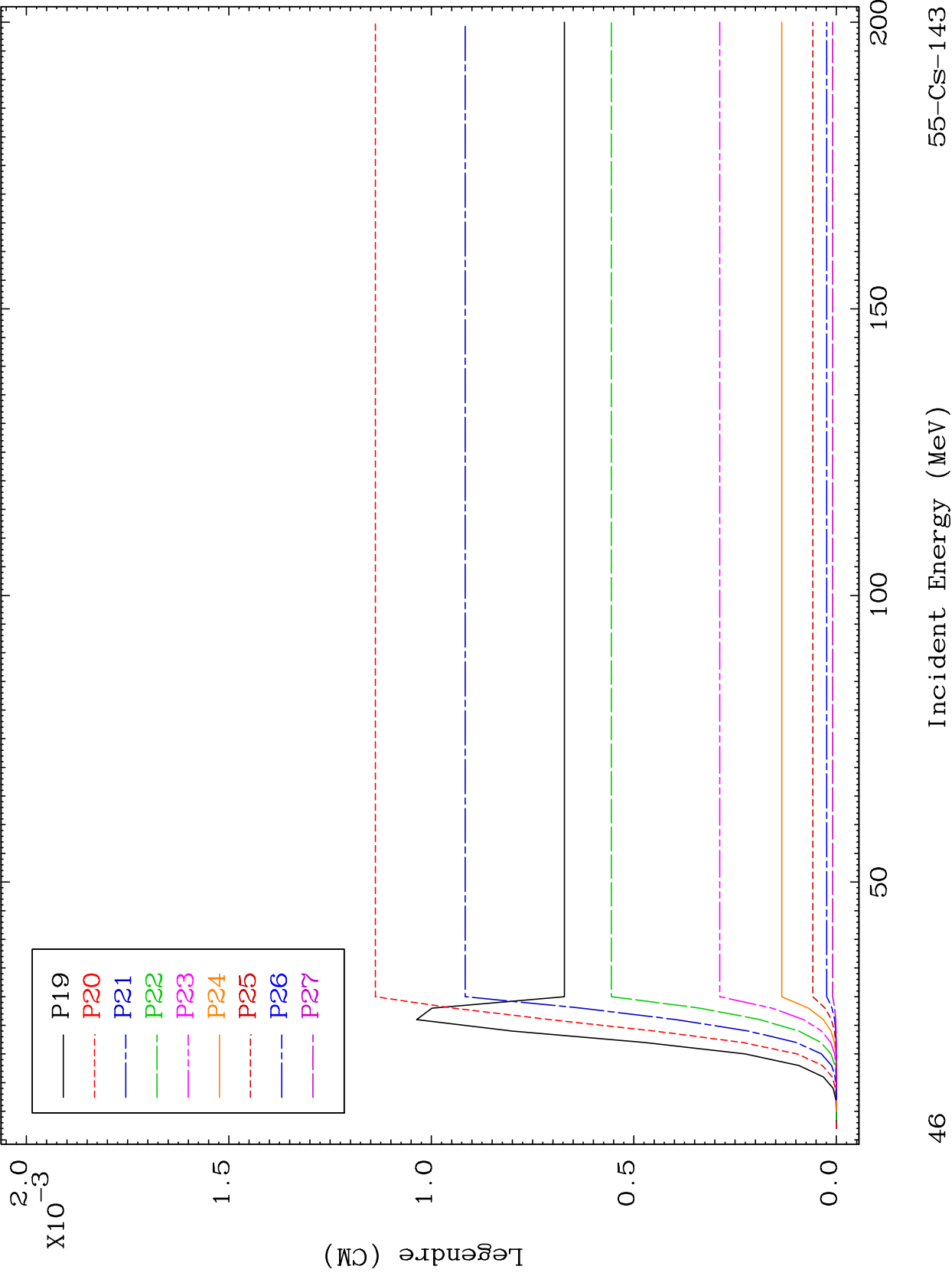




MAT 5555

816.6 keV (n, n') Level
Legendre Coefficients

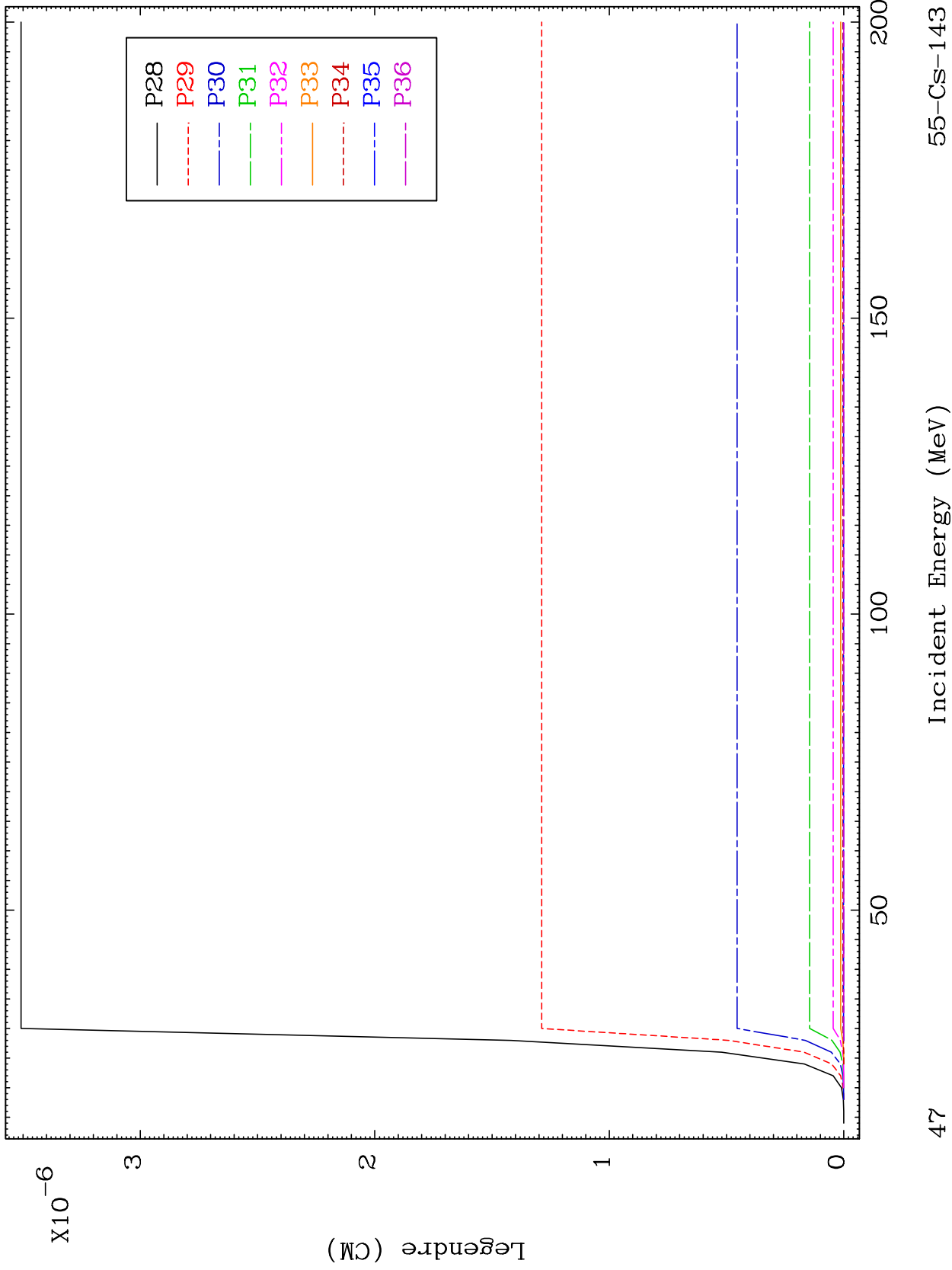
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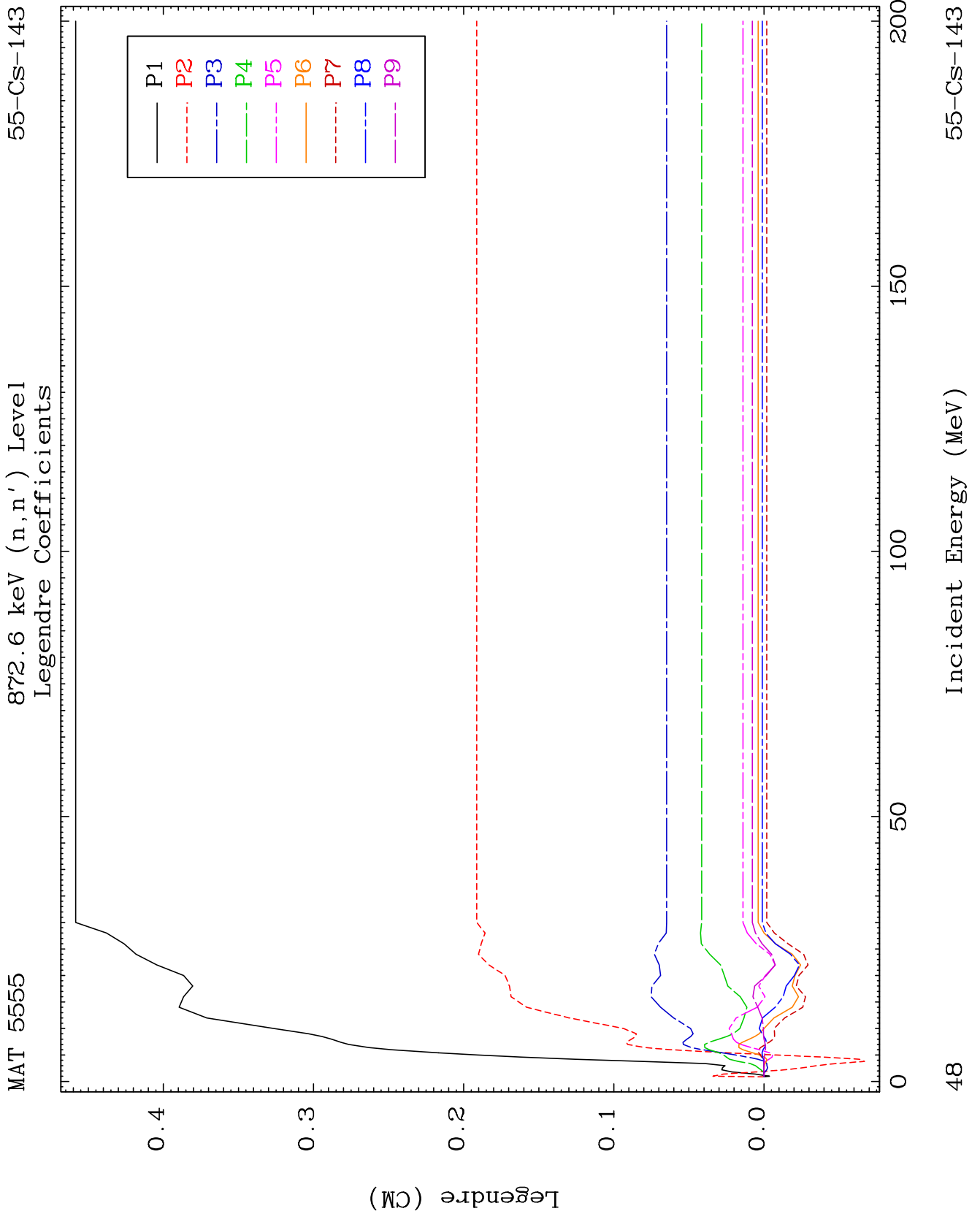


MAT 5555

816.6 keV (n,n') Level
Legendre Coefficients

55-Cs-143

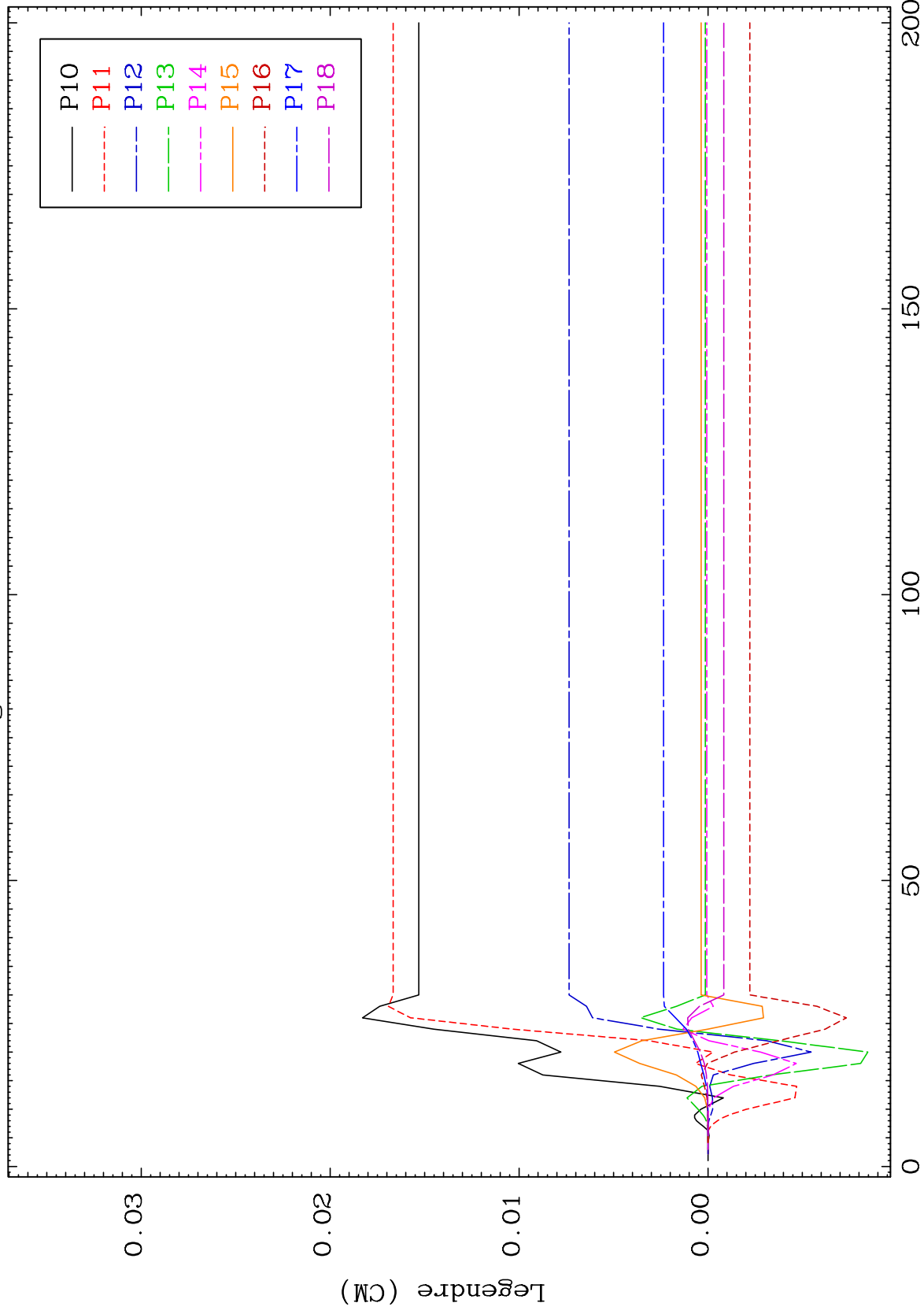




MAT 5555

872.6 keV (n,n') Level
Legendre Coefficients

55-Cs-143



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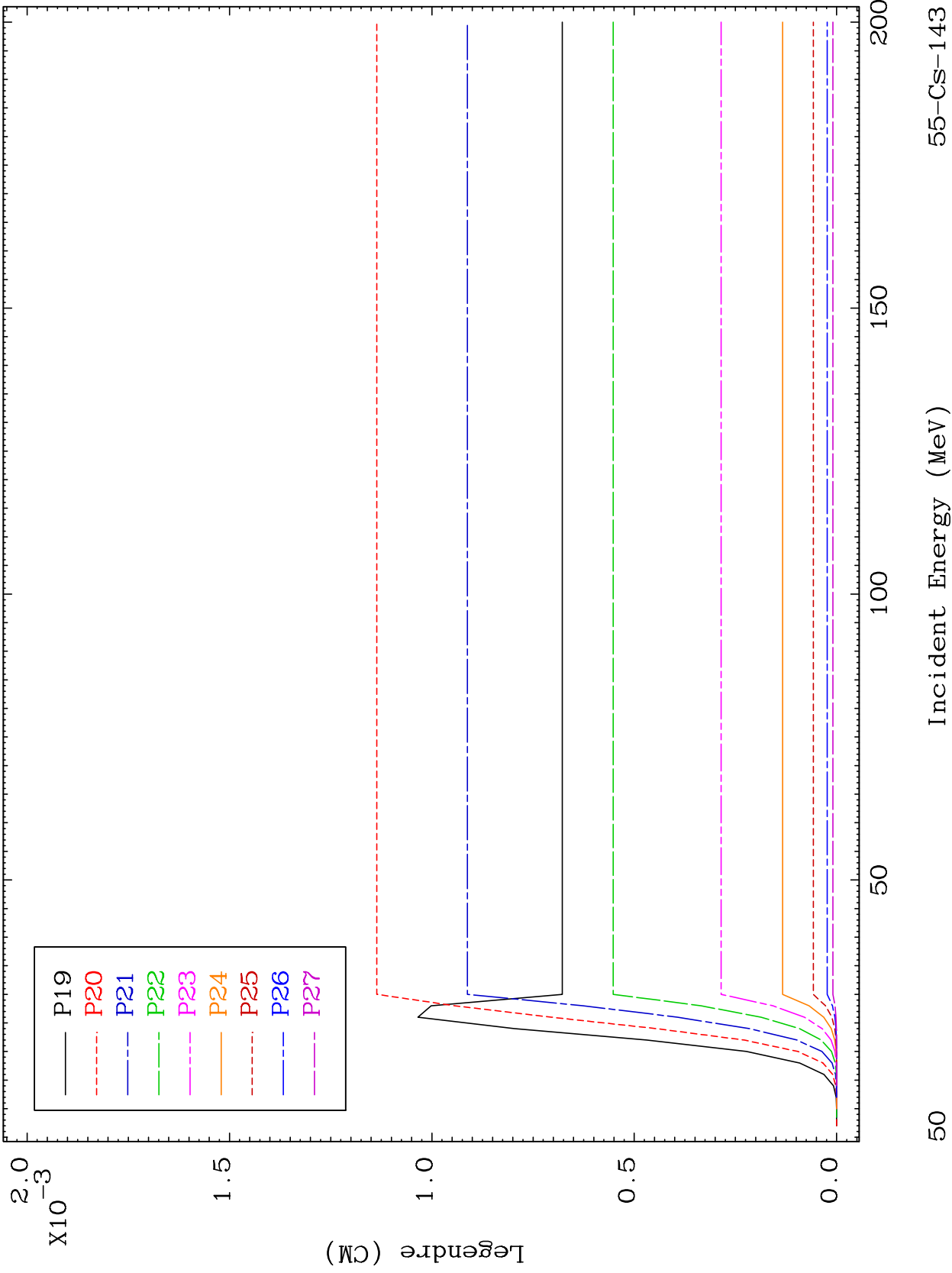
Incident Energy (MeV)

55-Cs-143

MAT 5555

872.6 keV (n,n') Level
Legendre Coefficients

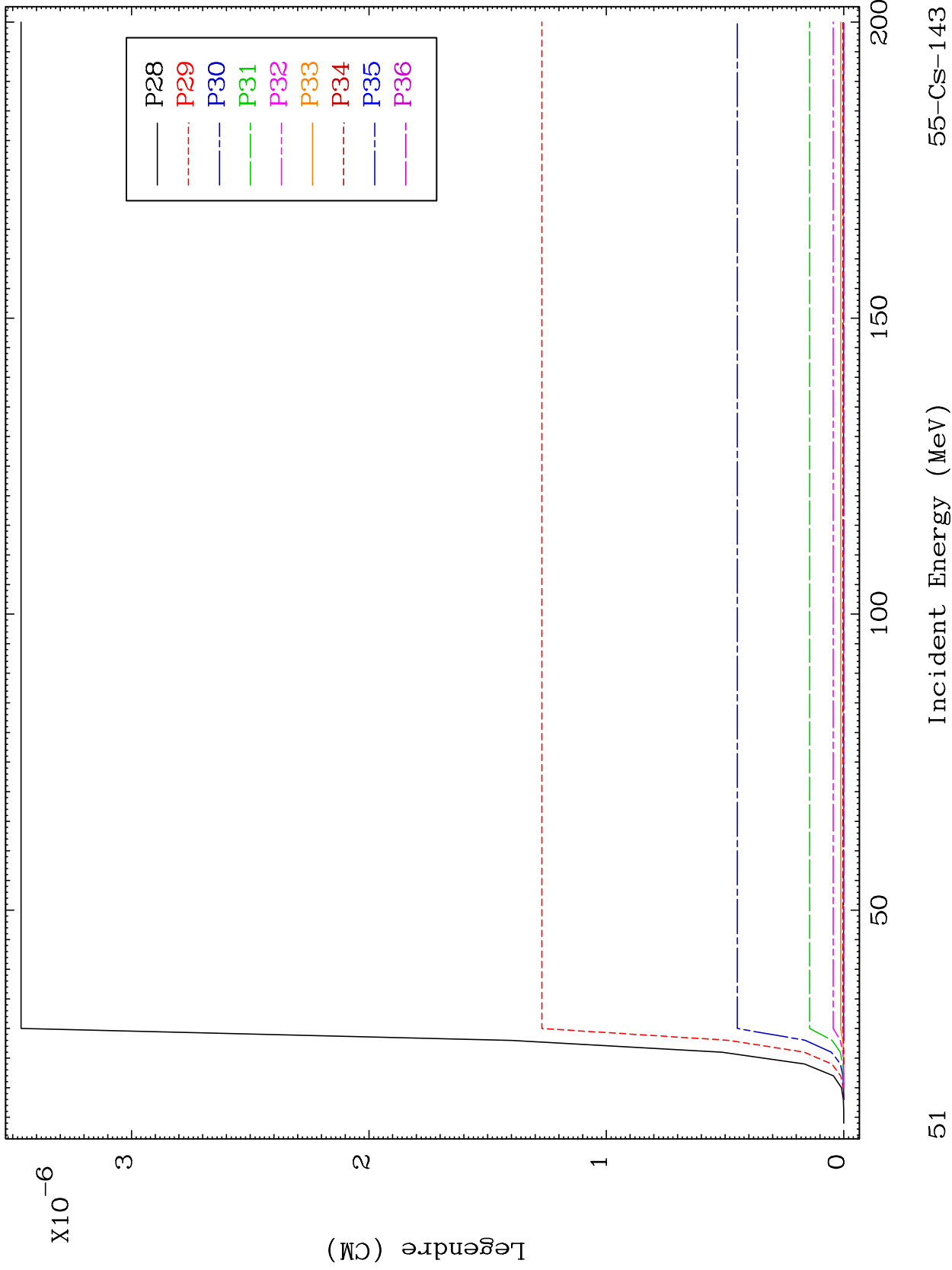
55-Cs-143



MAT 5555

872.6 keV (n,n') Level
Legendre Coefficients

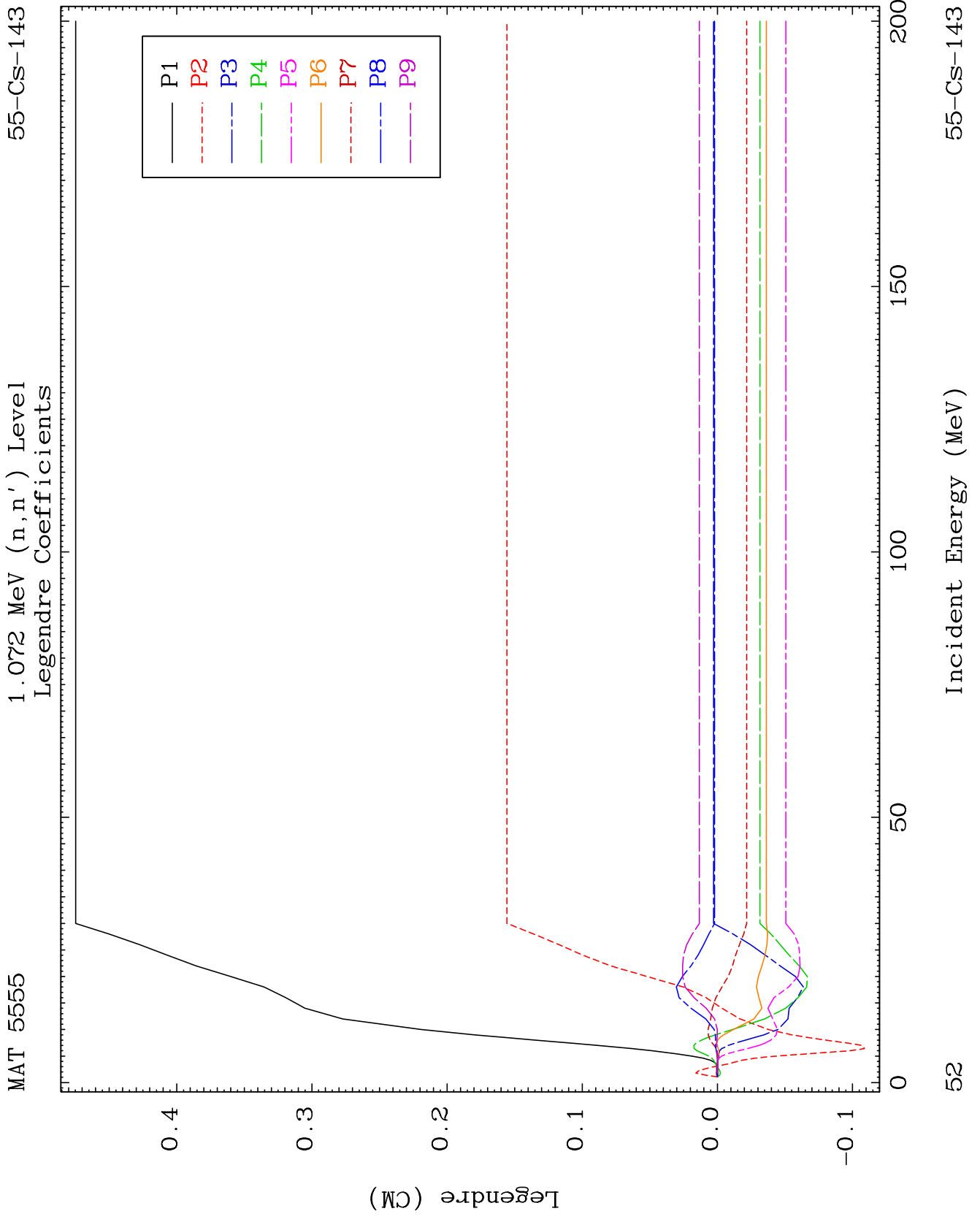
55-Cs-143



51

Incident Energy (MeV)

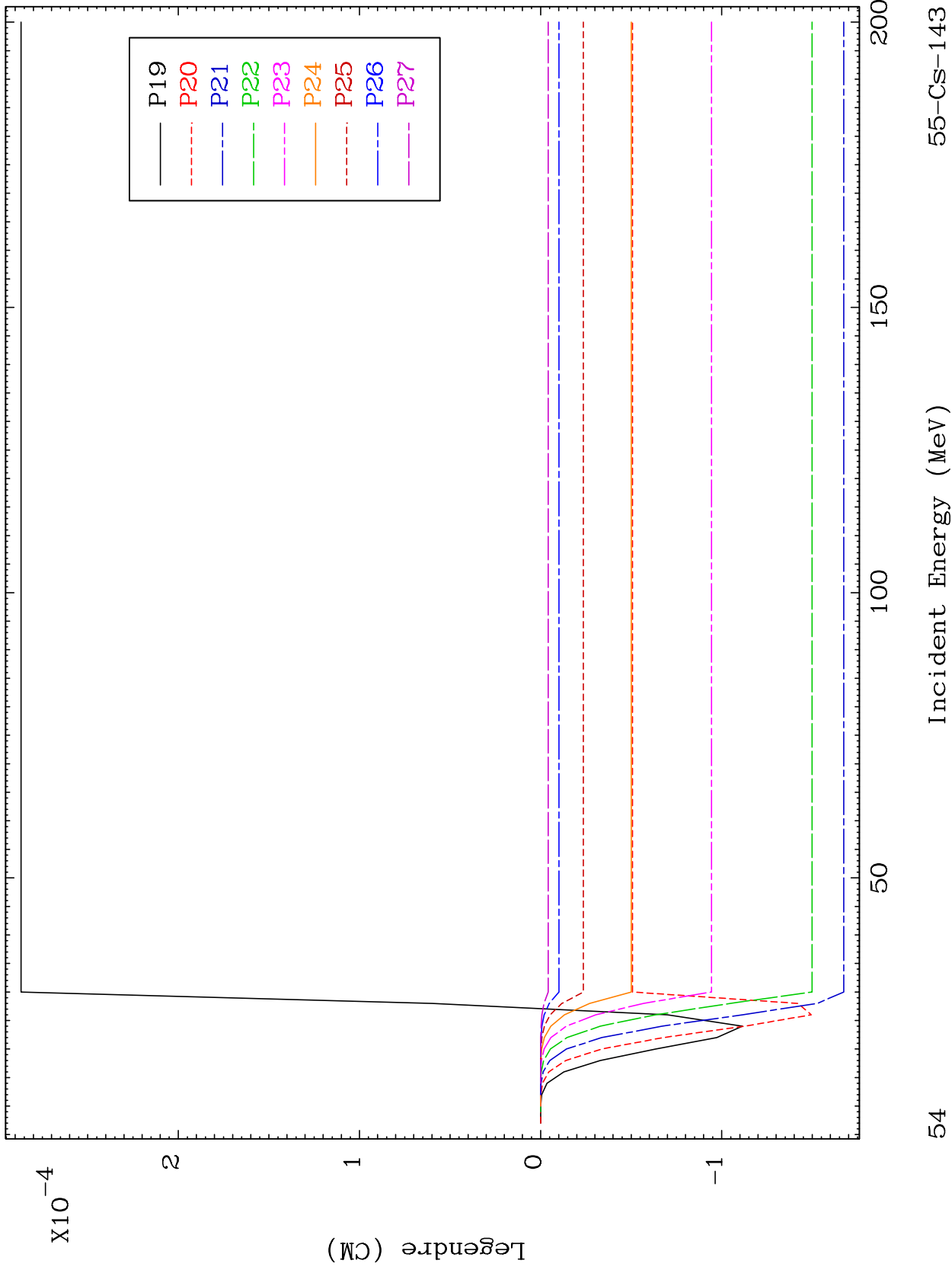
55-Cs-143



MAT 5555

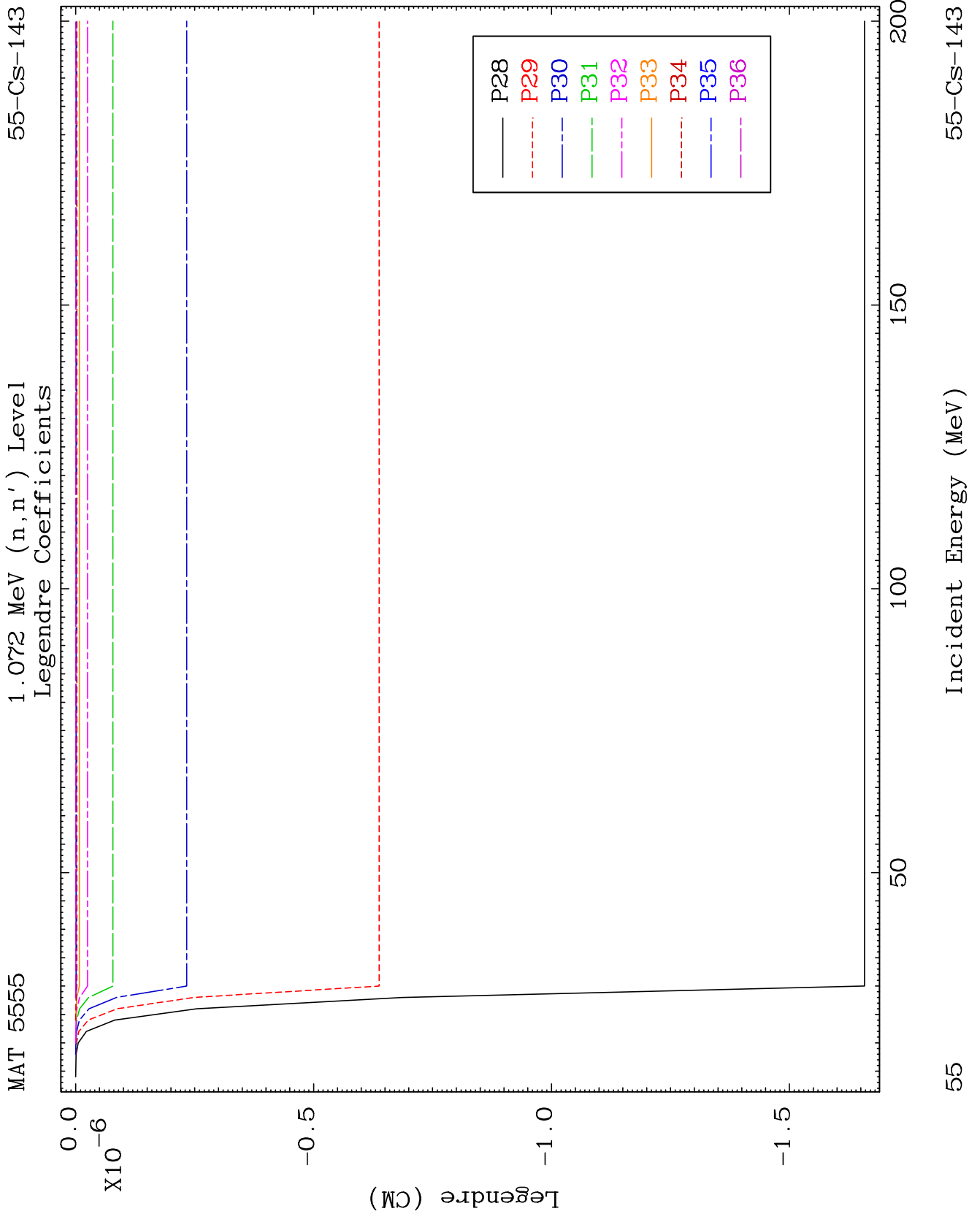
1.072 MeV (n,n') Level
Legendre Coefficients

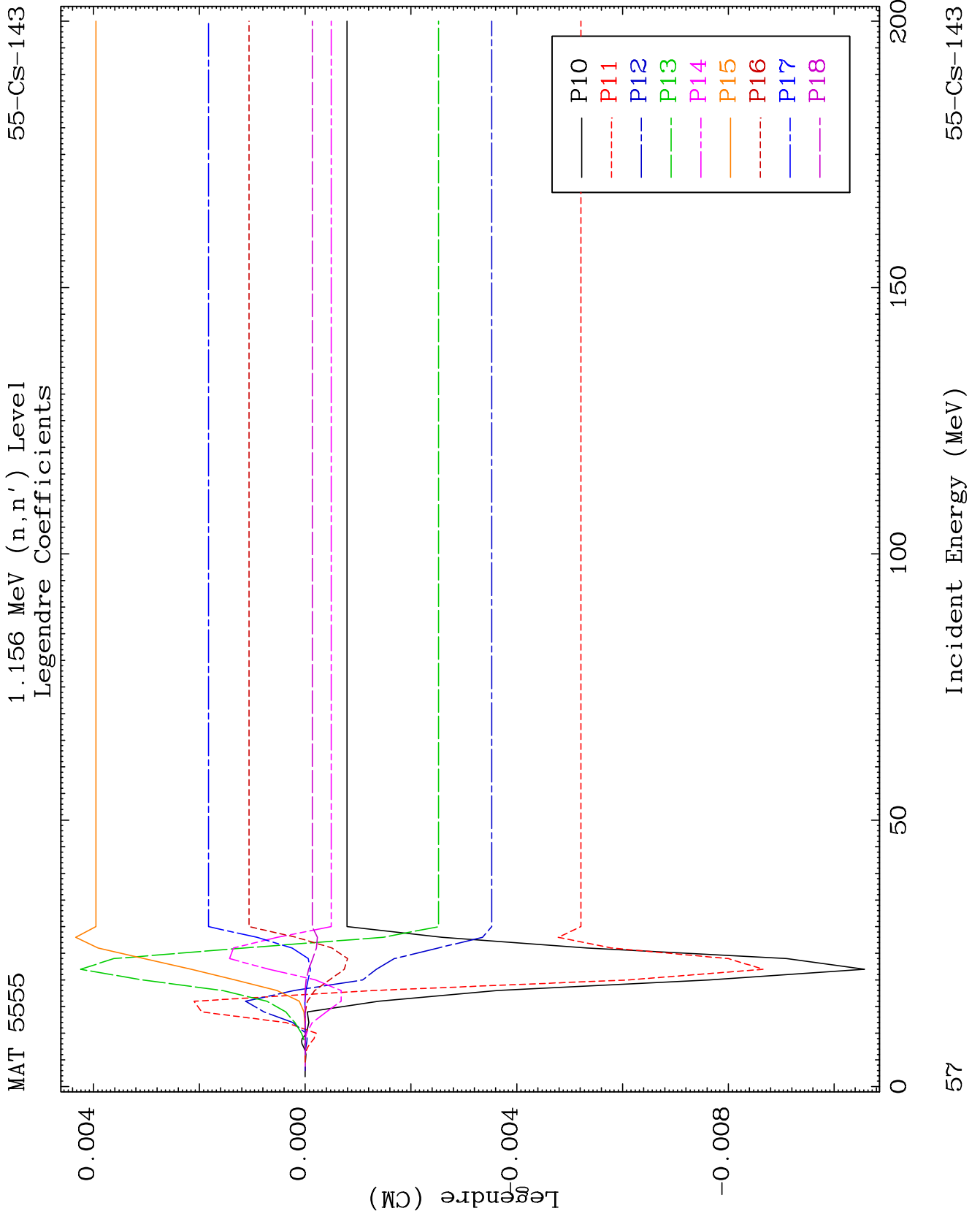
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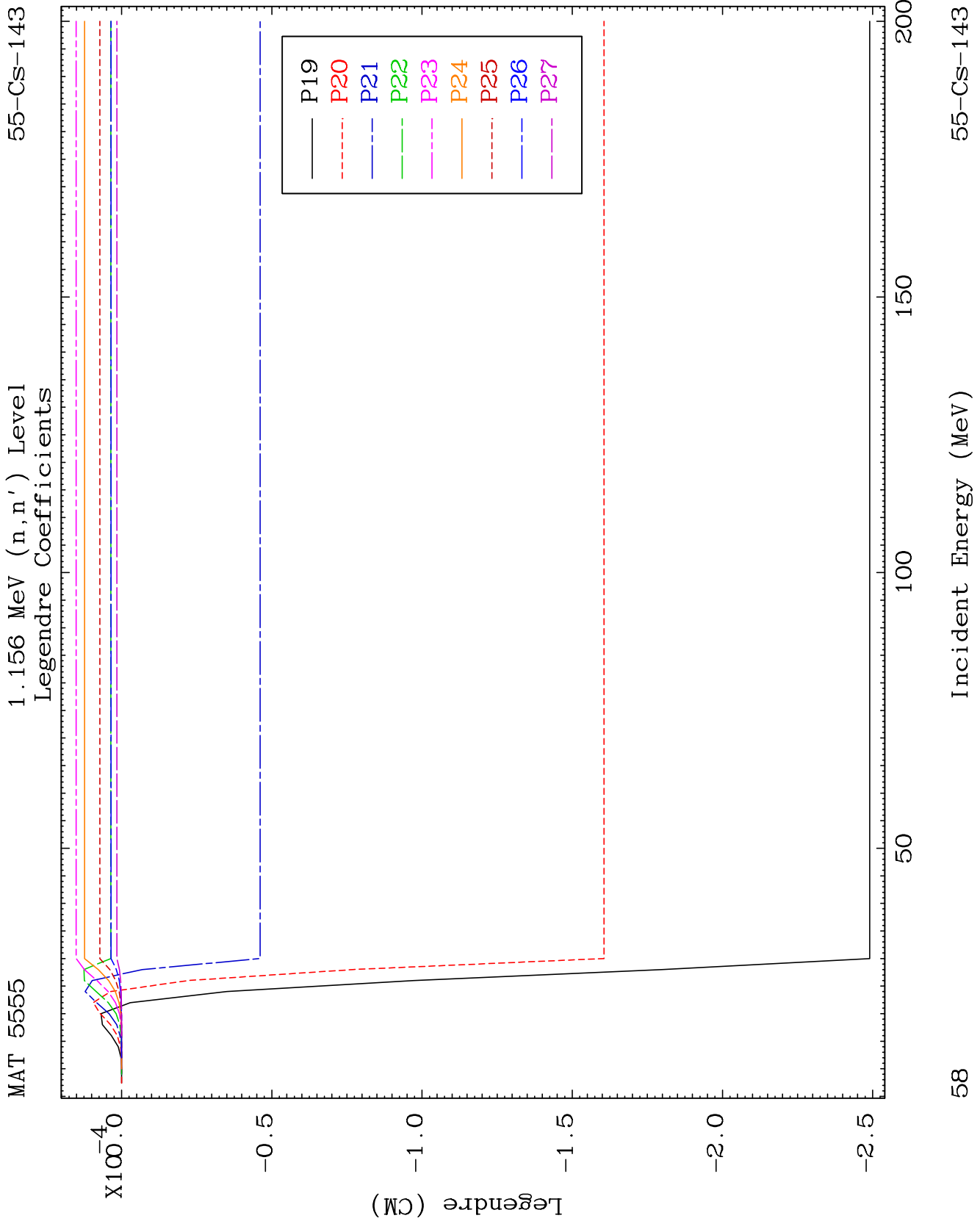


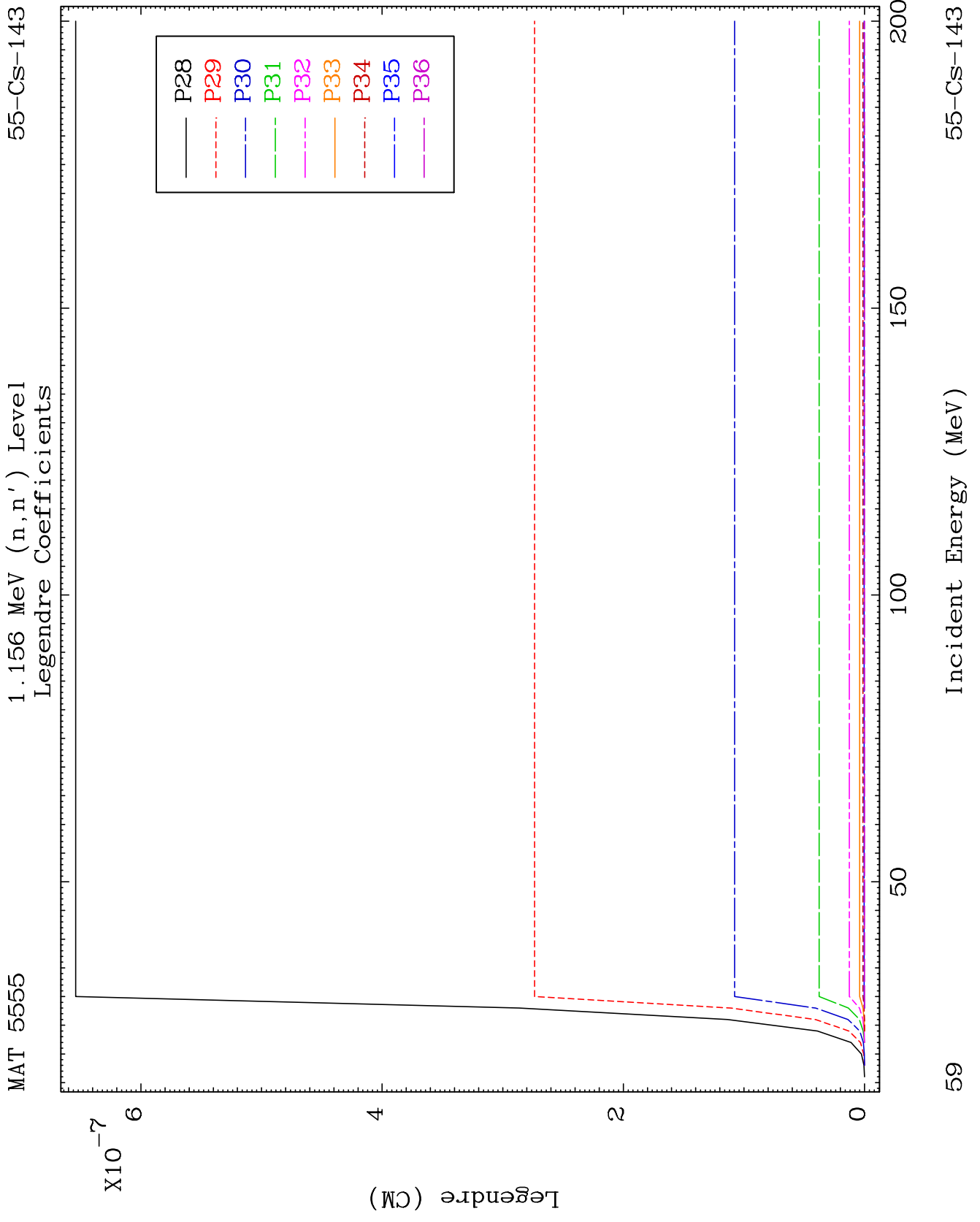
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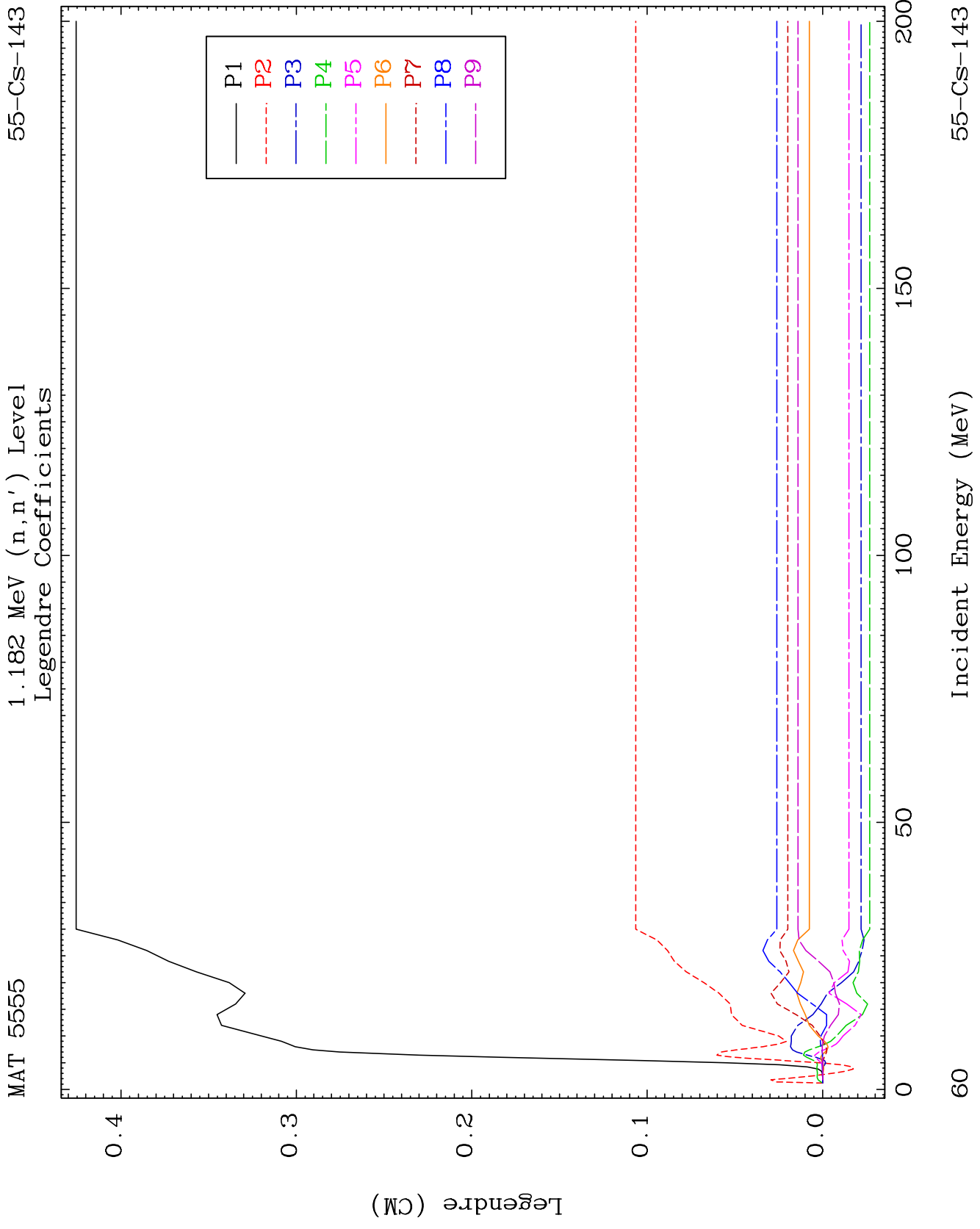
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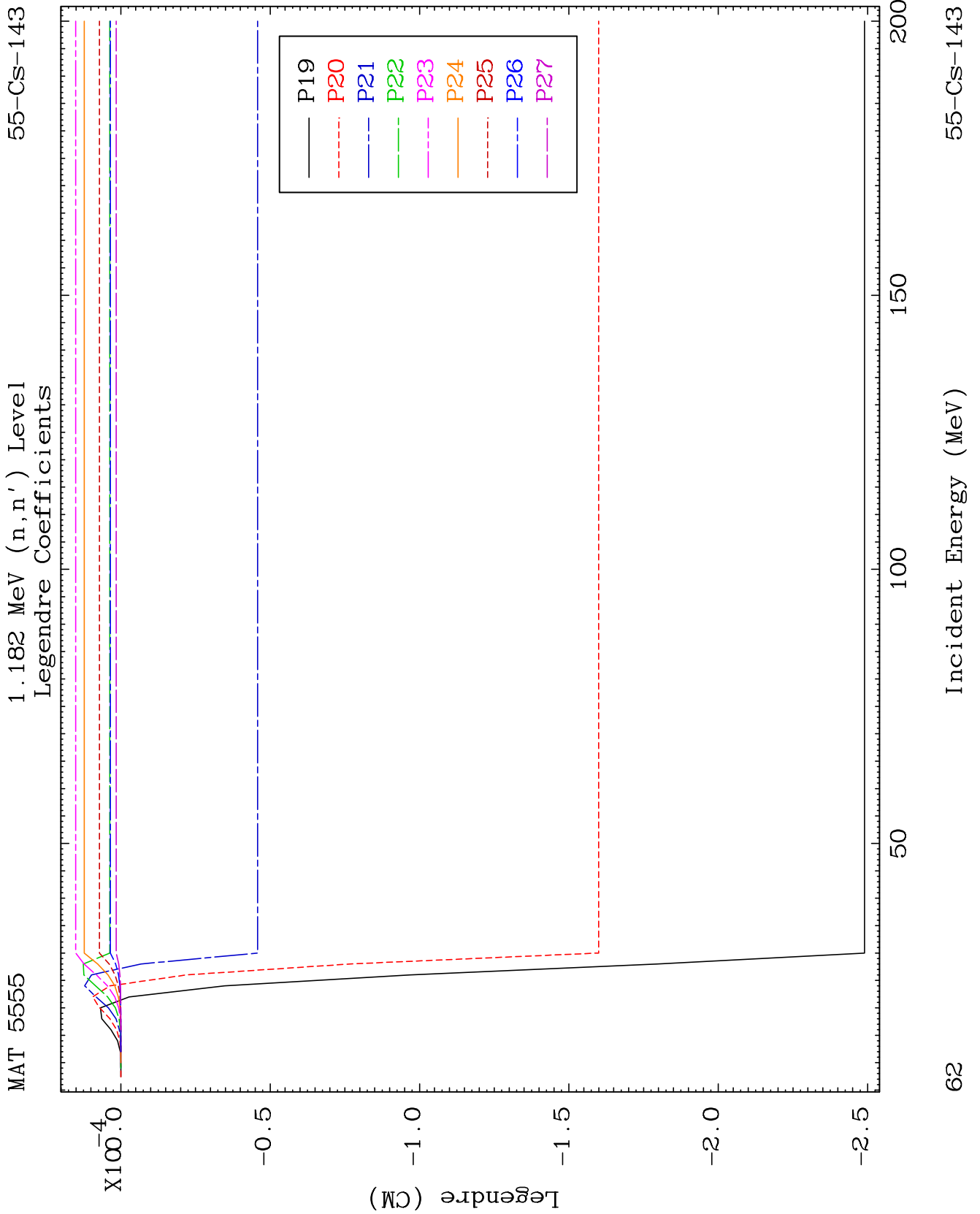


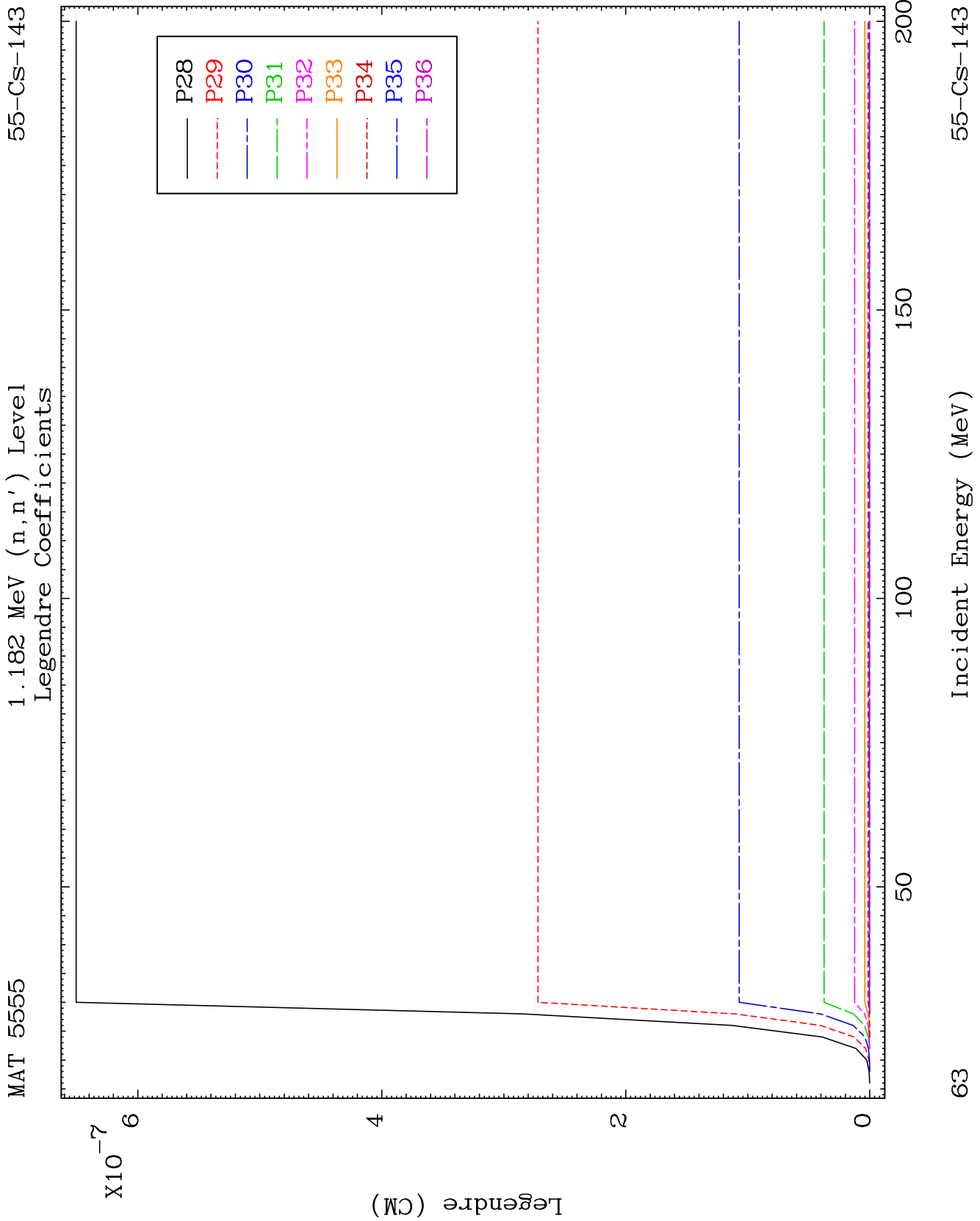


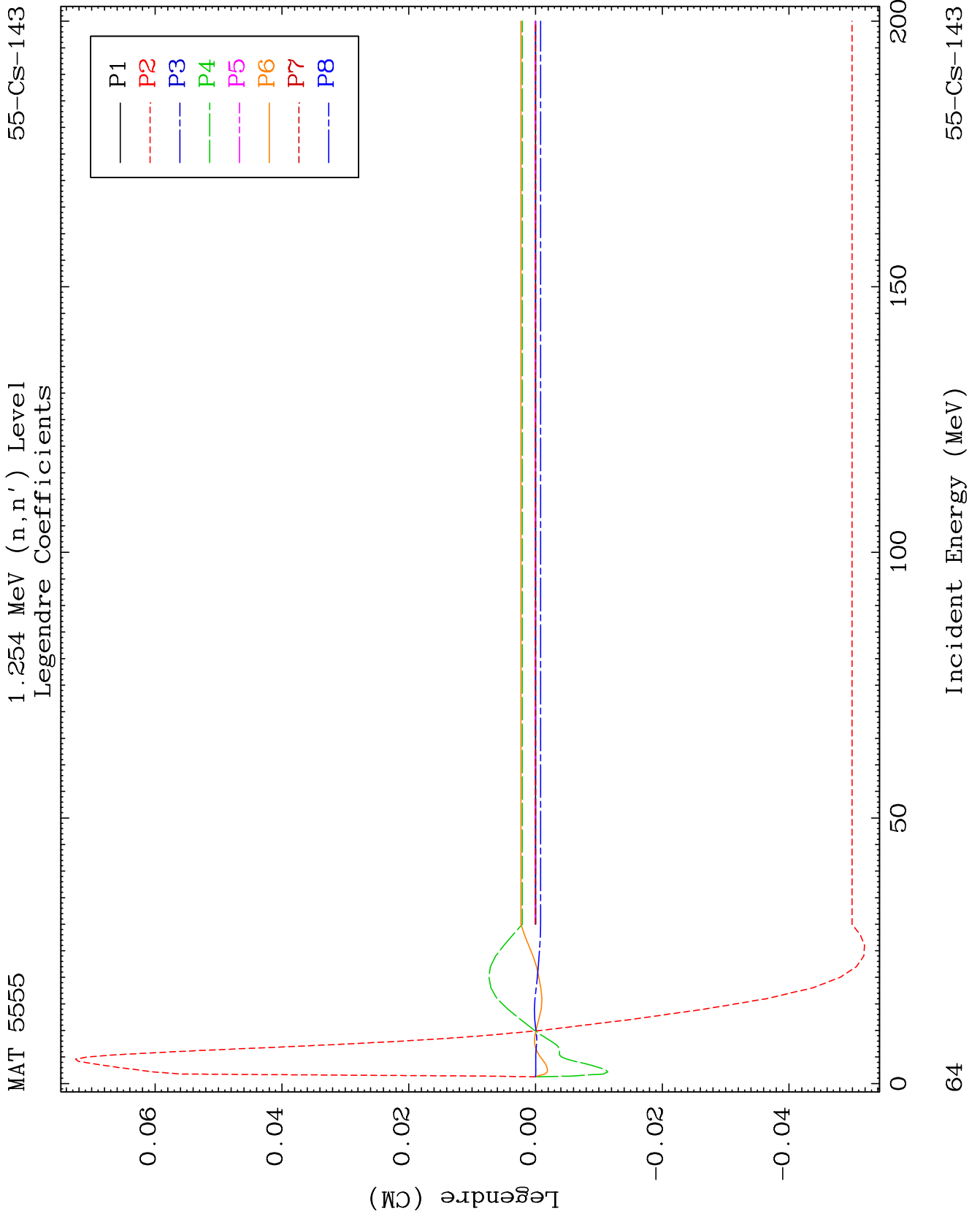


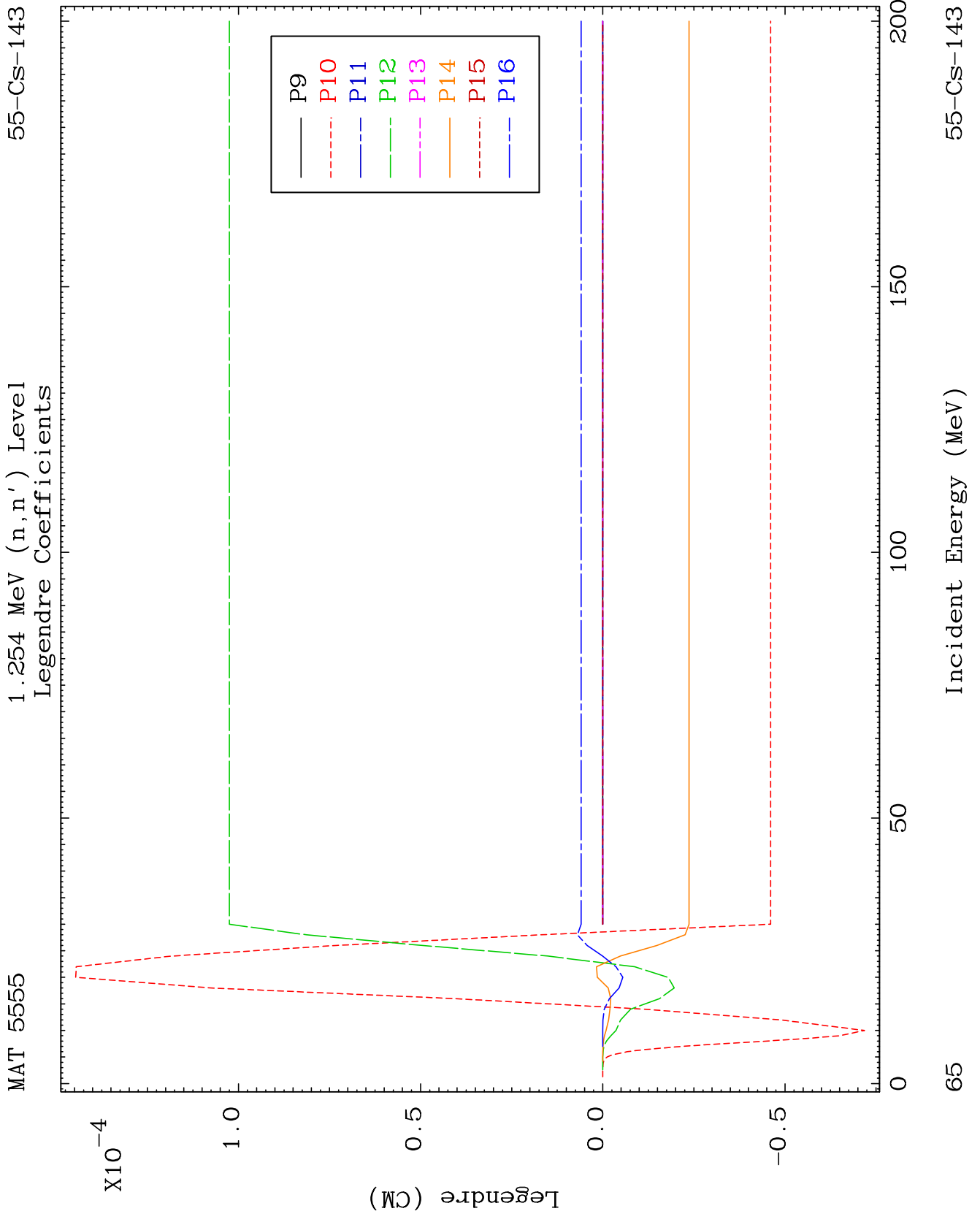


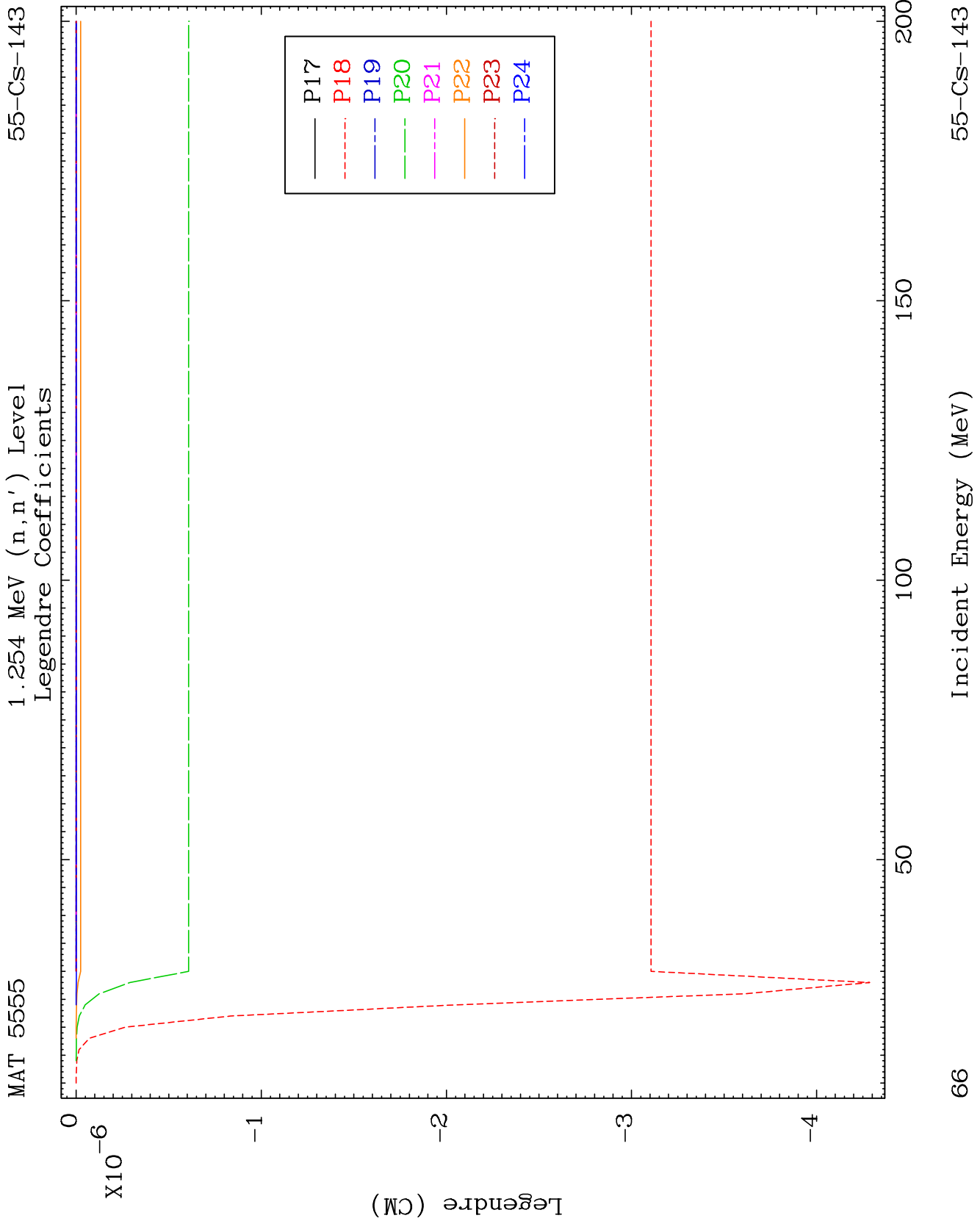








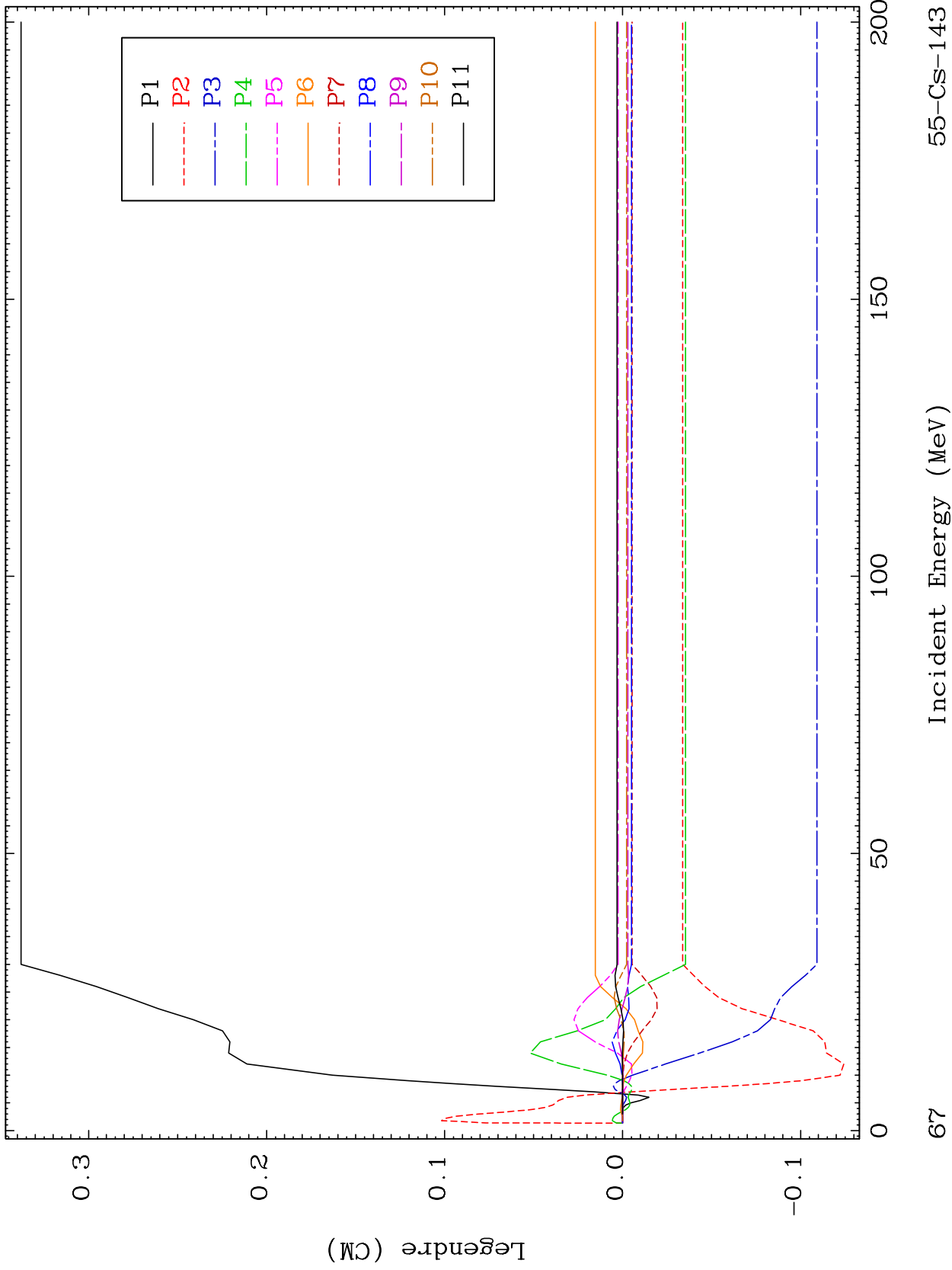




MAT 5555

1.326 MeV (n,n') Level
Legendre Coefficients

55-Cs-143



55-Cs-143

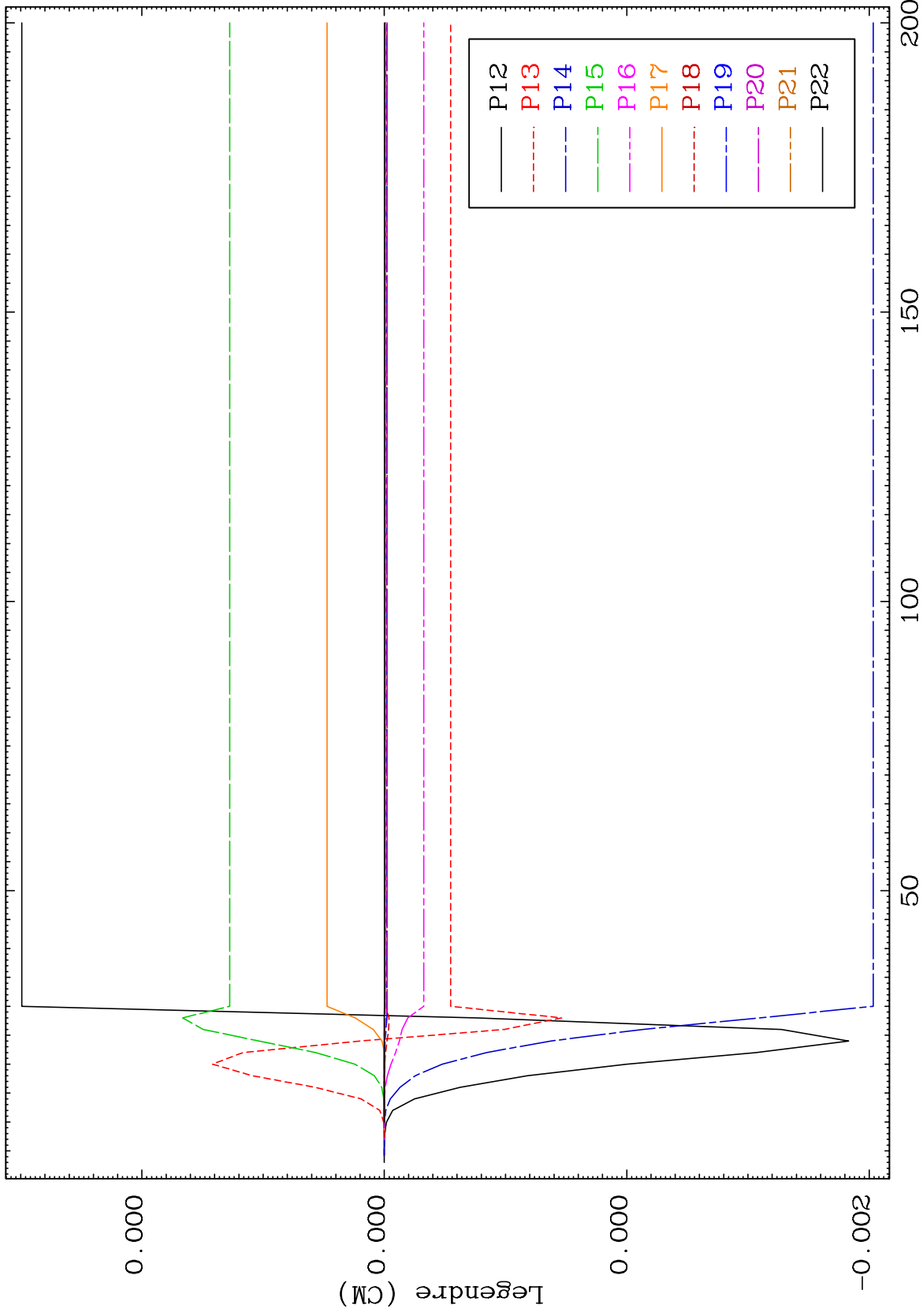
Incident Energy (MeV)

67

MAT 5555

1.326 MeV (n,n') Level
Legendre Coefficients

55-Cs-143



68

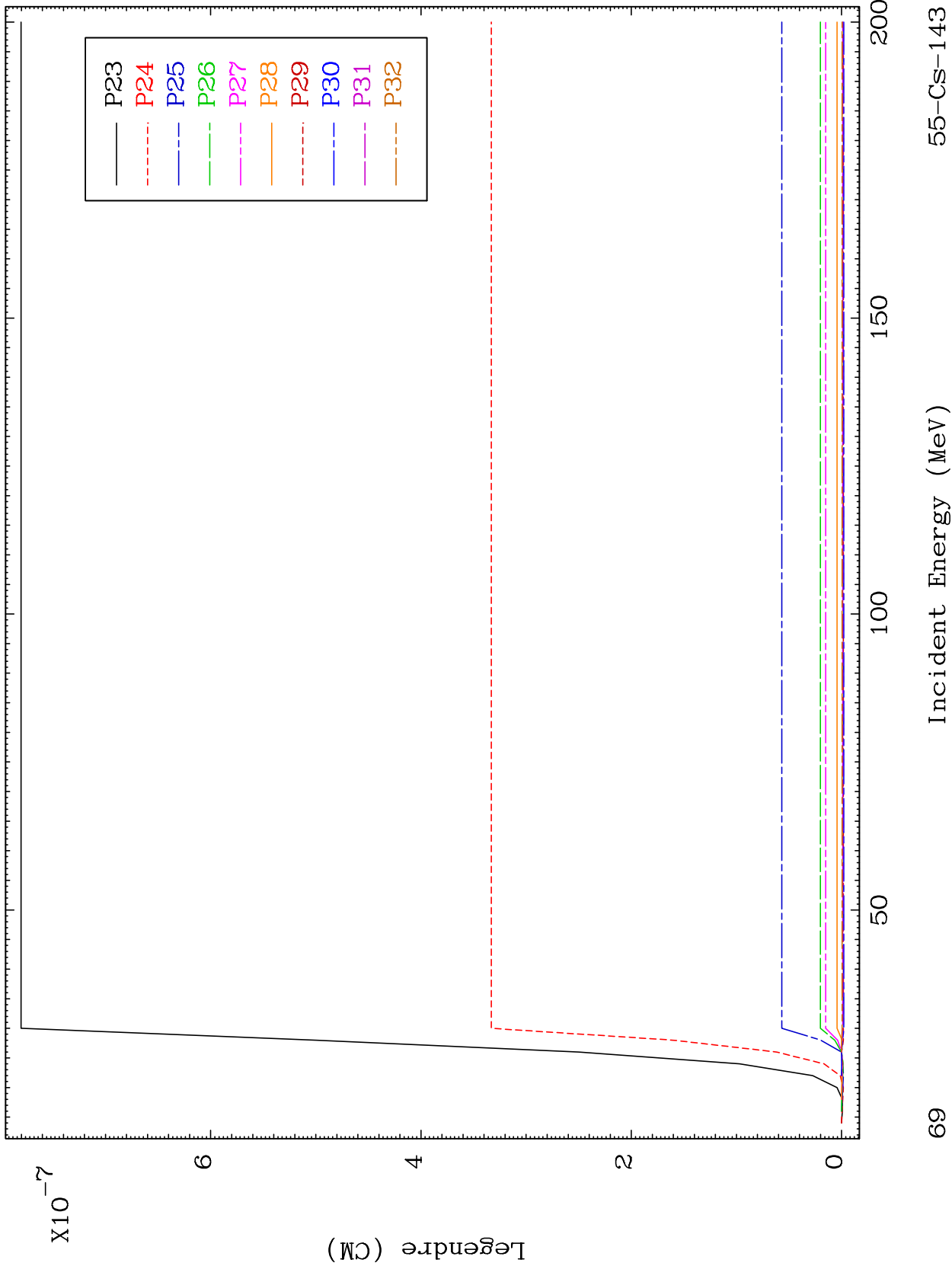
Incident Energy (MeV)

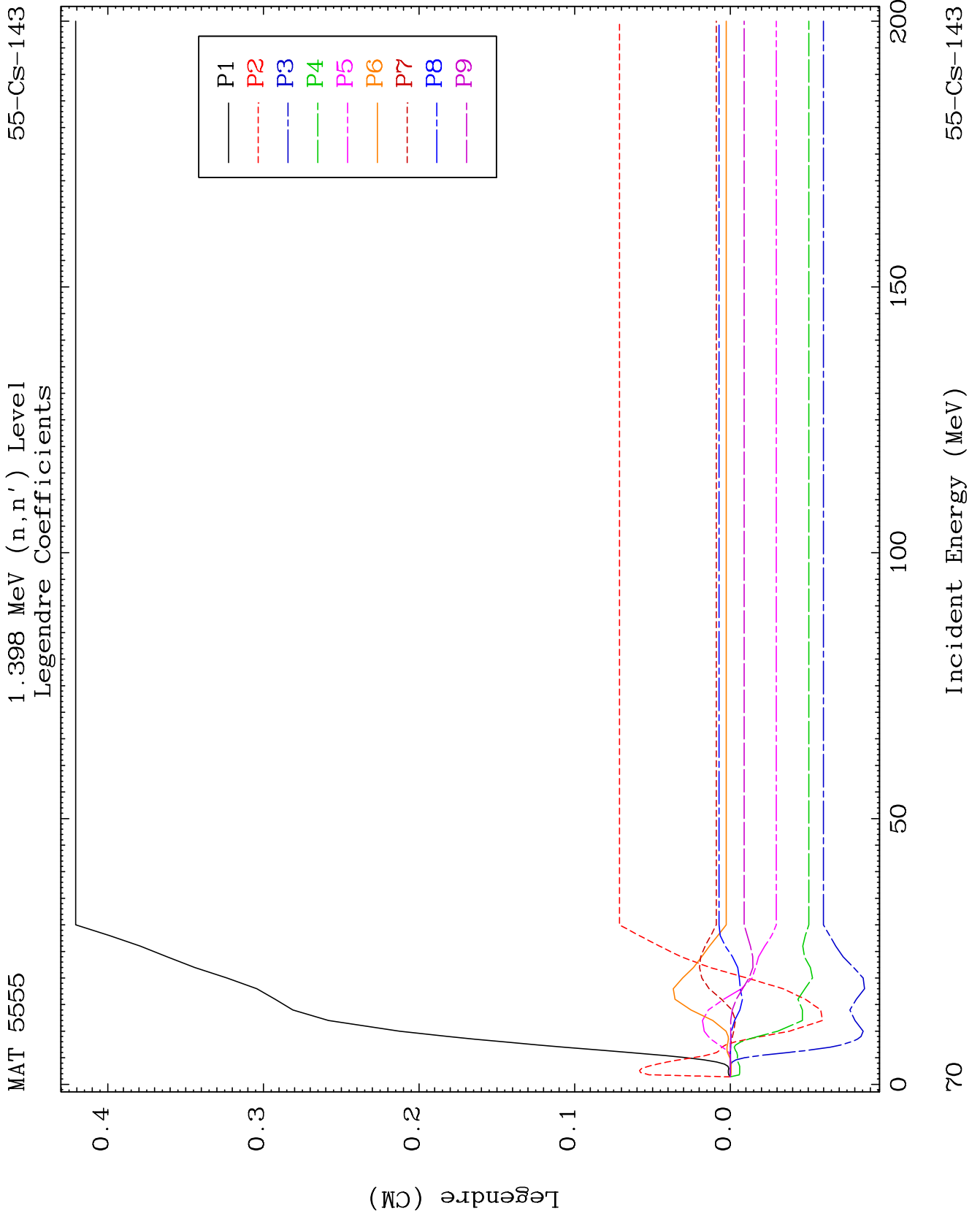
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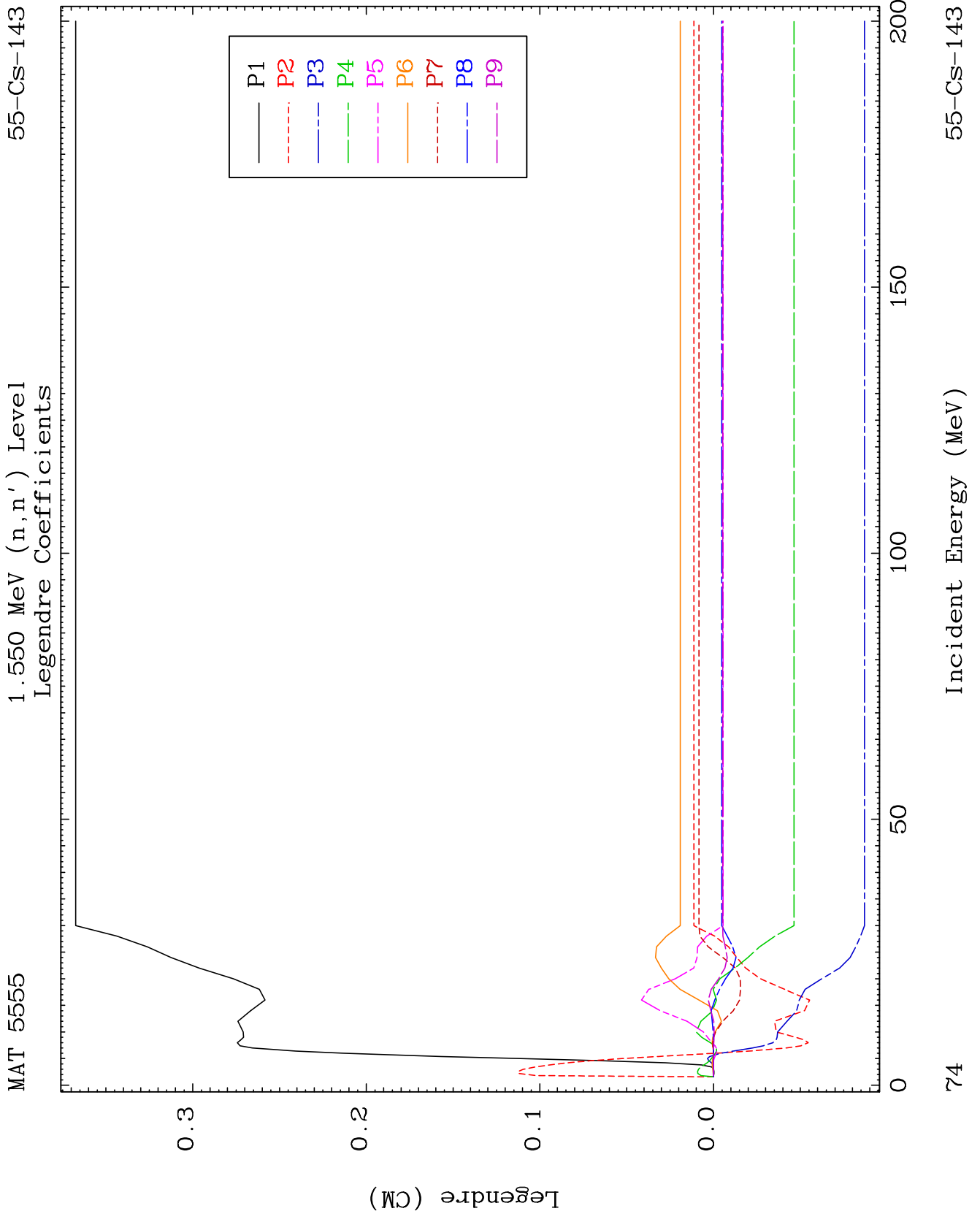
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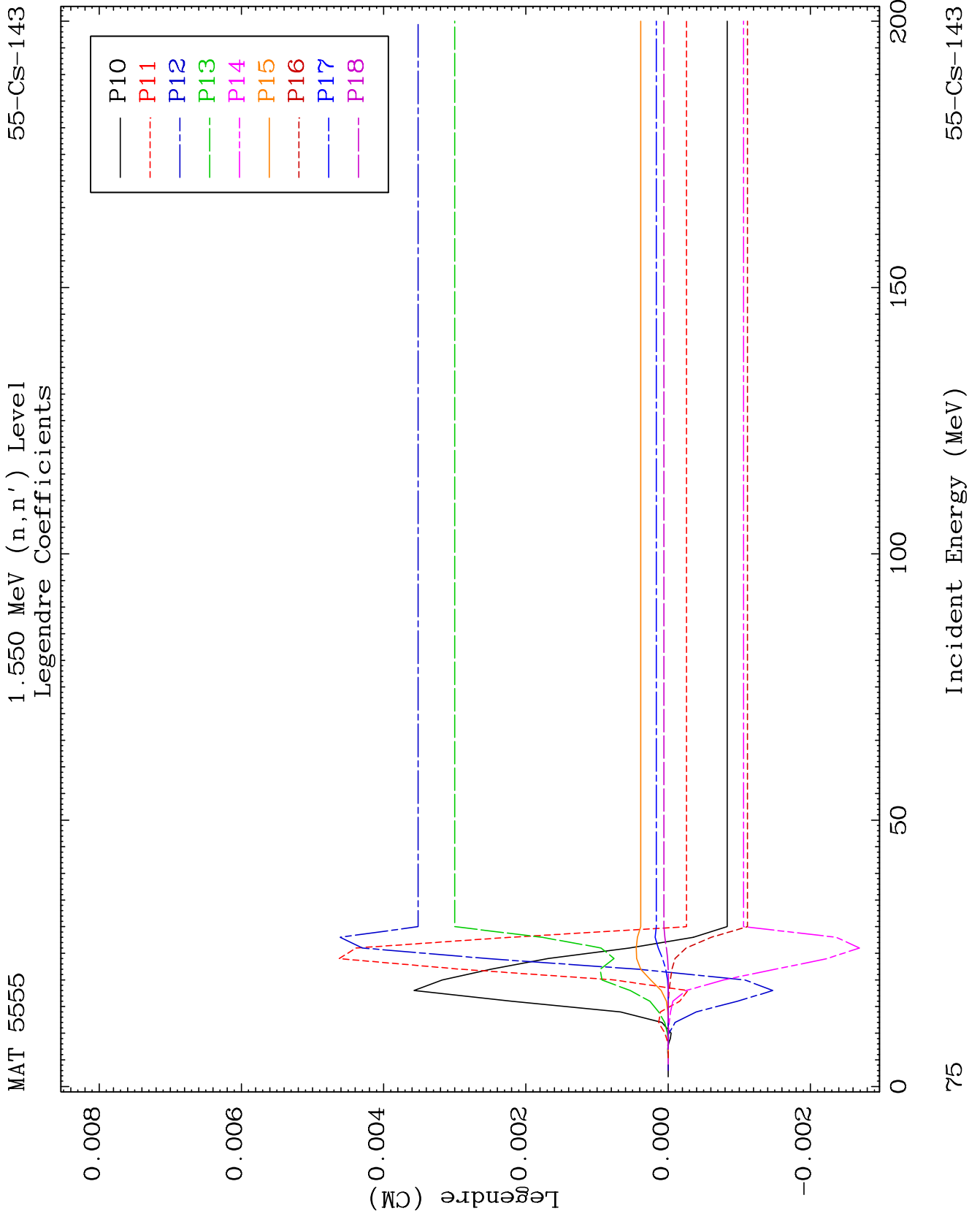
1.326 MeV (n,n') Level
Legendre Coefficients

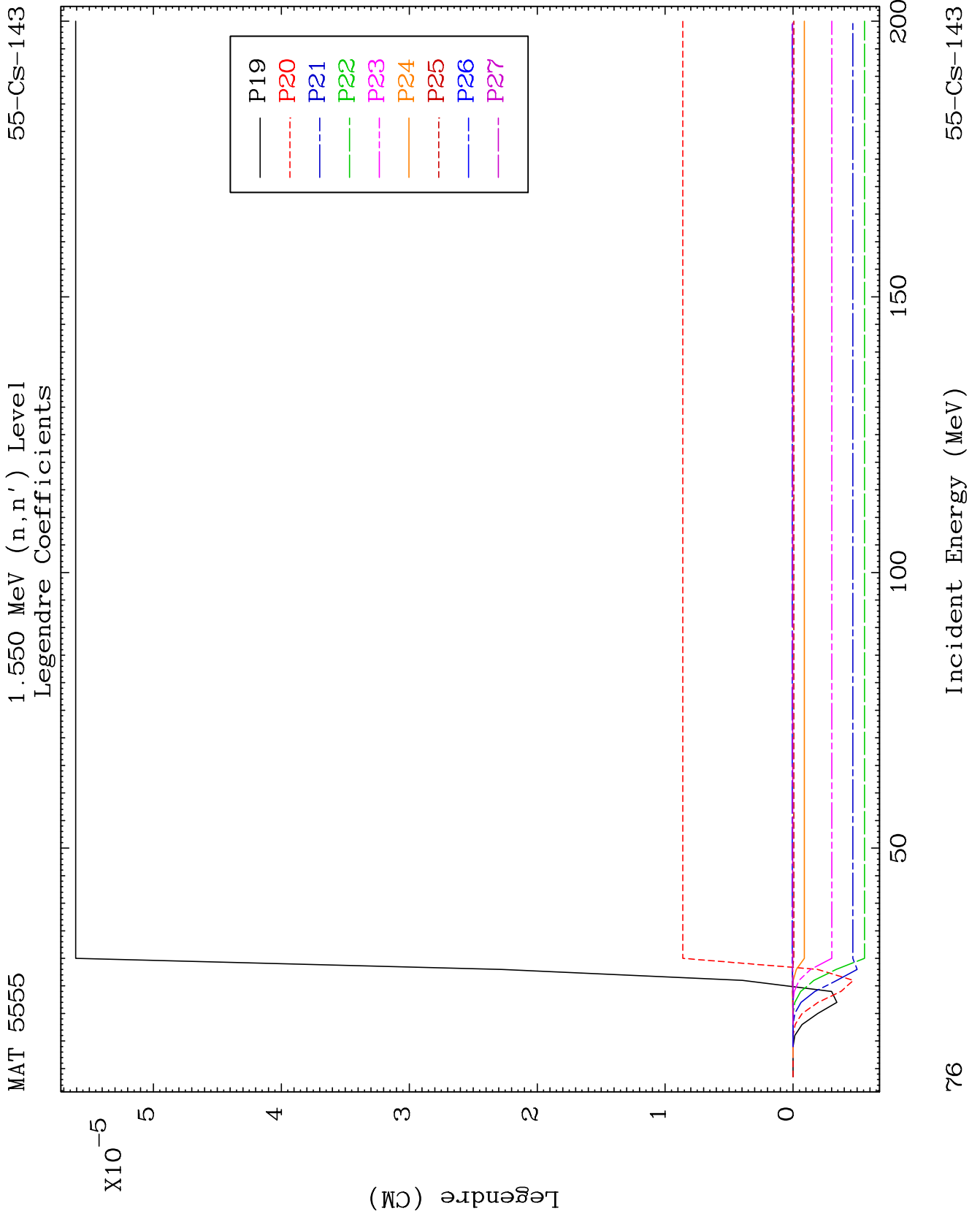
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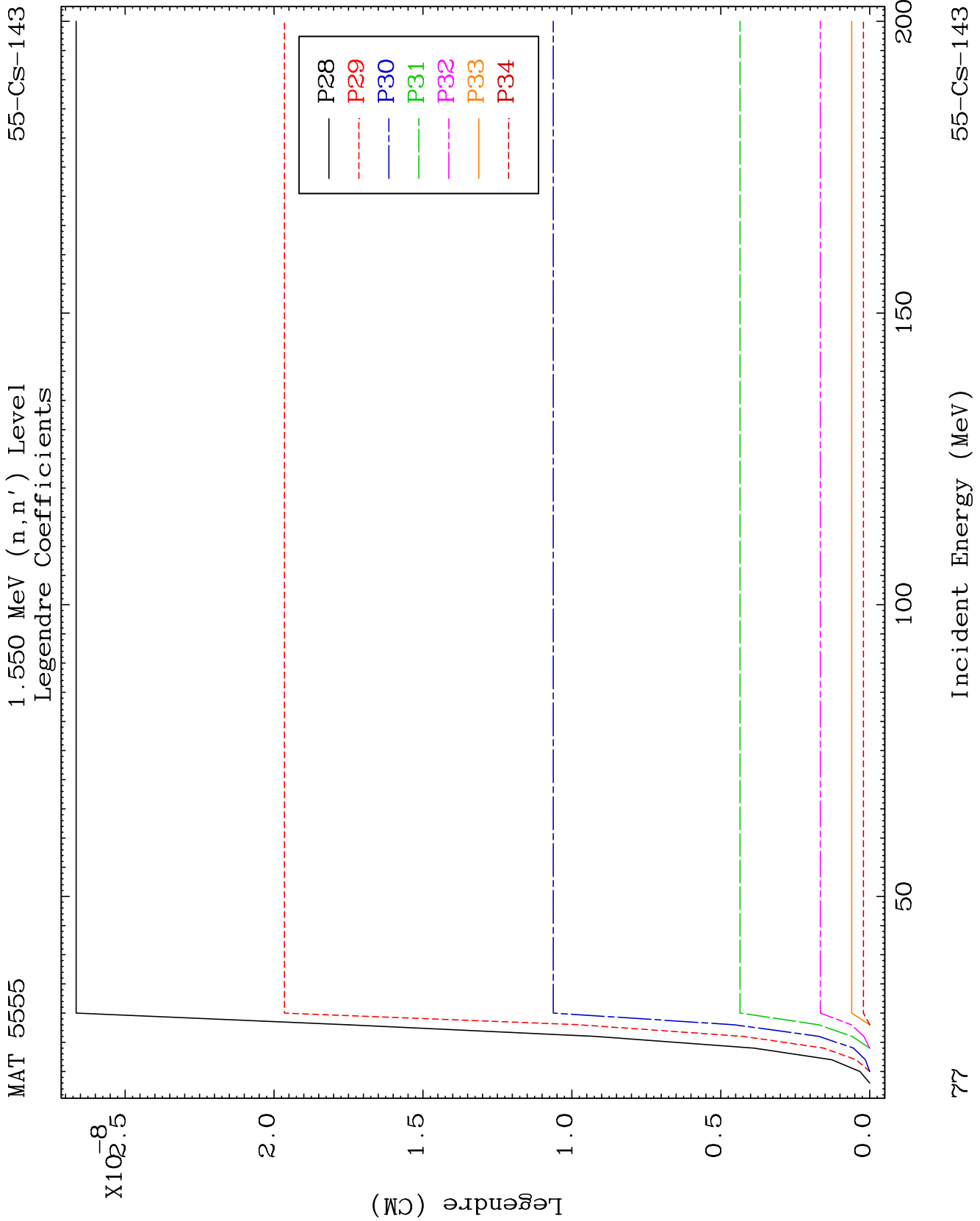


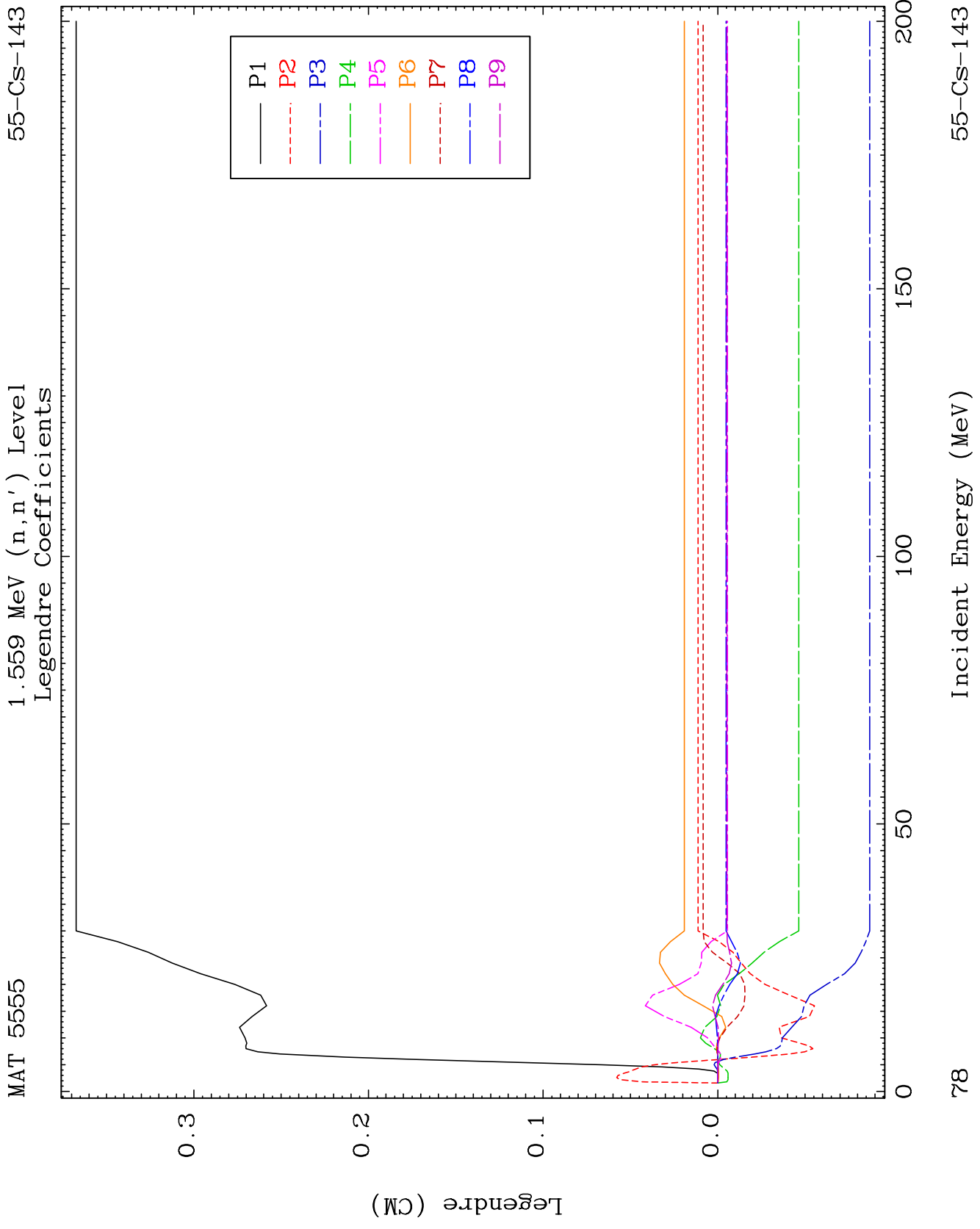


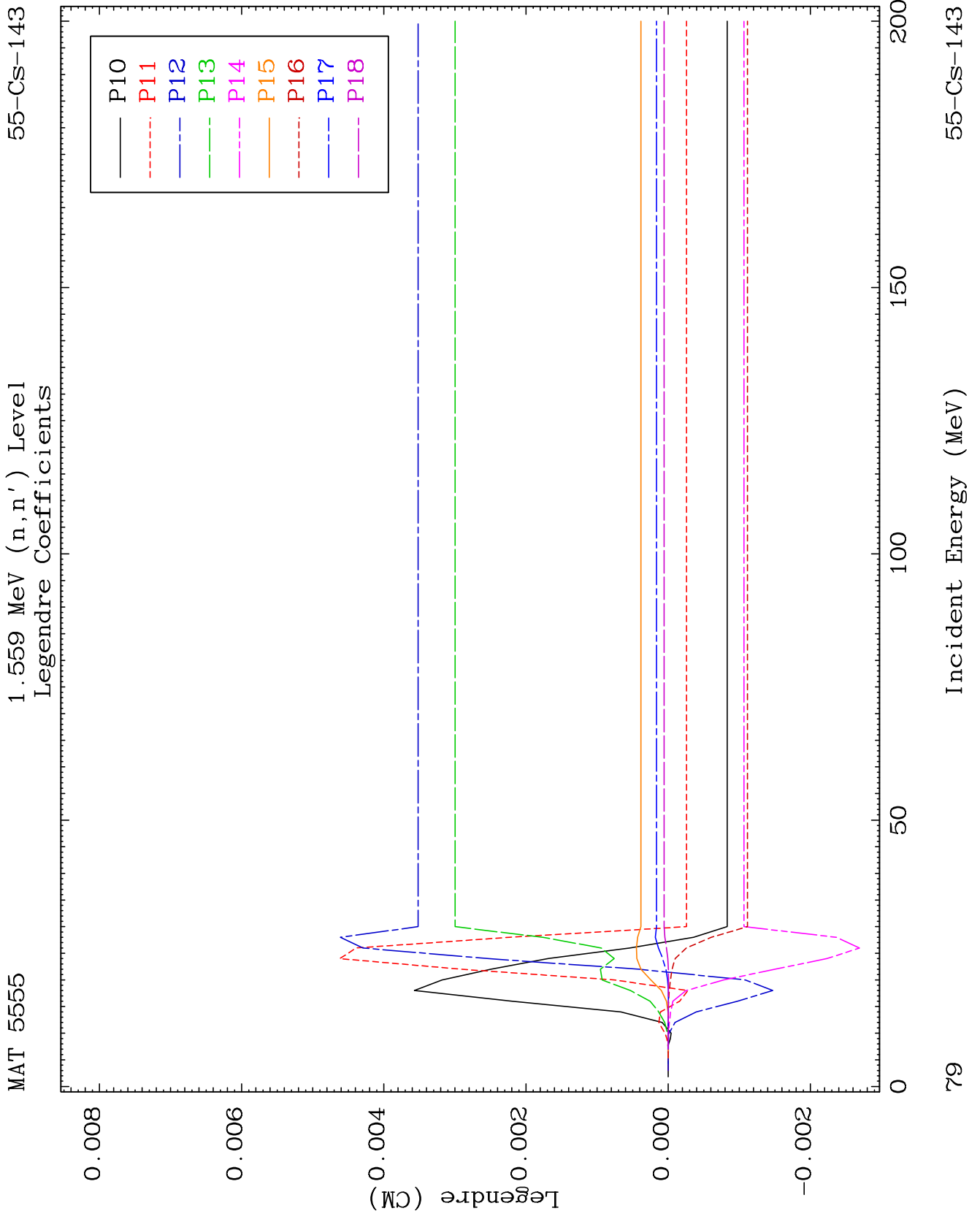


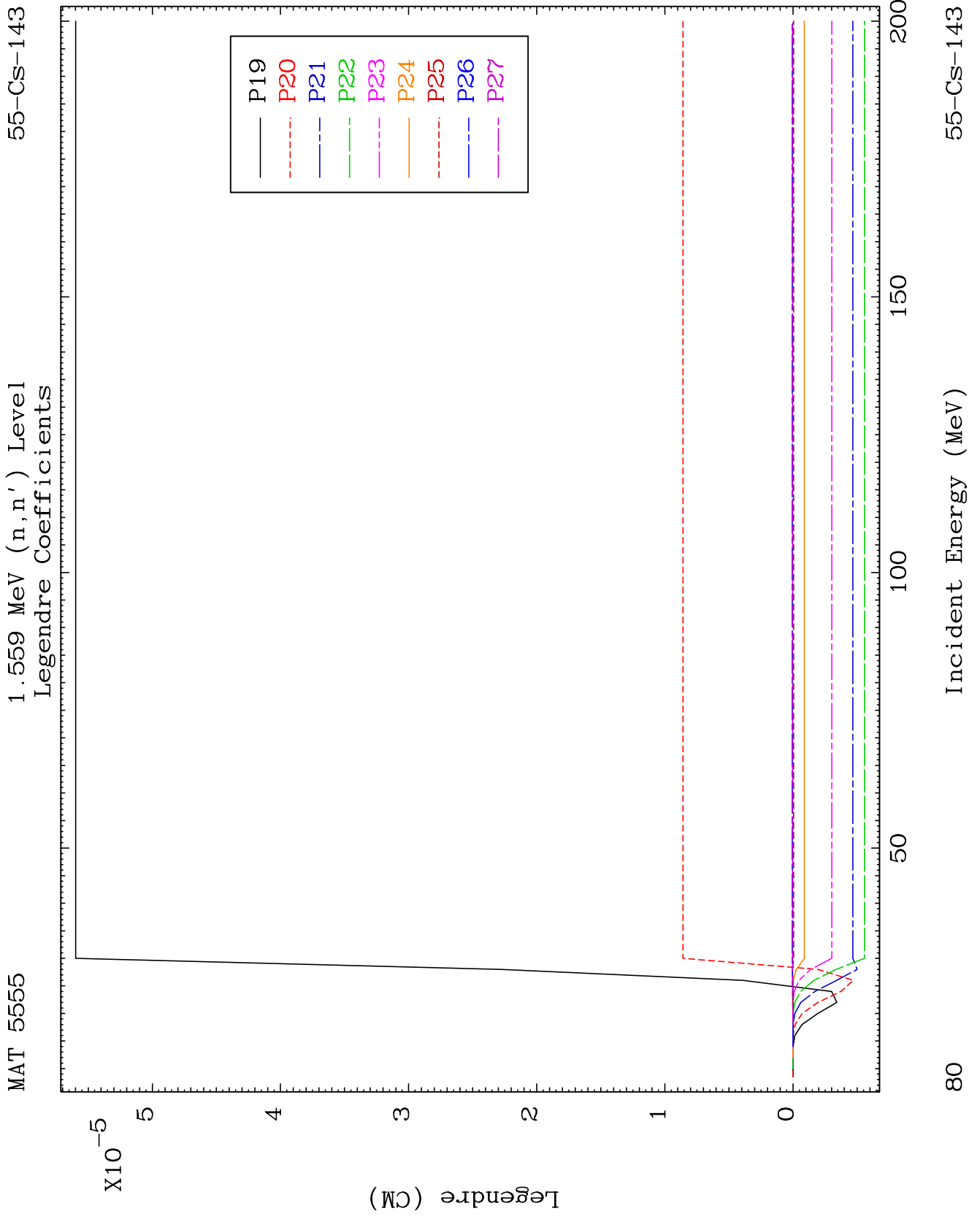


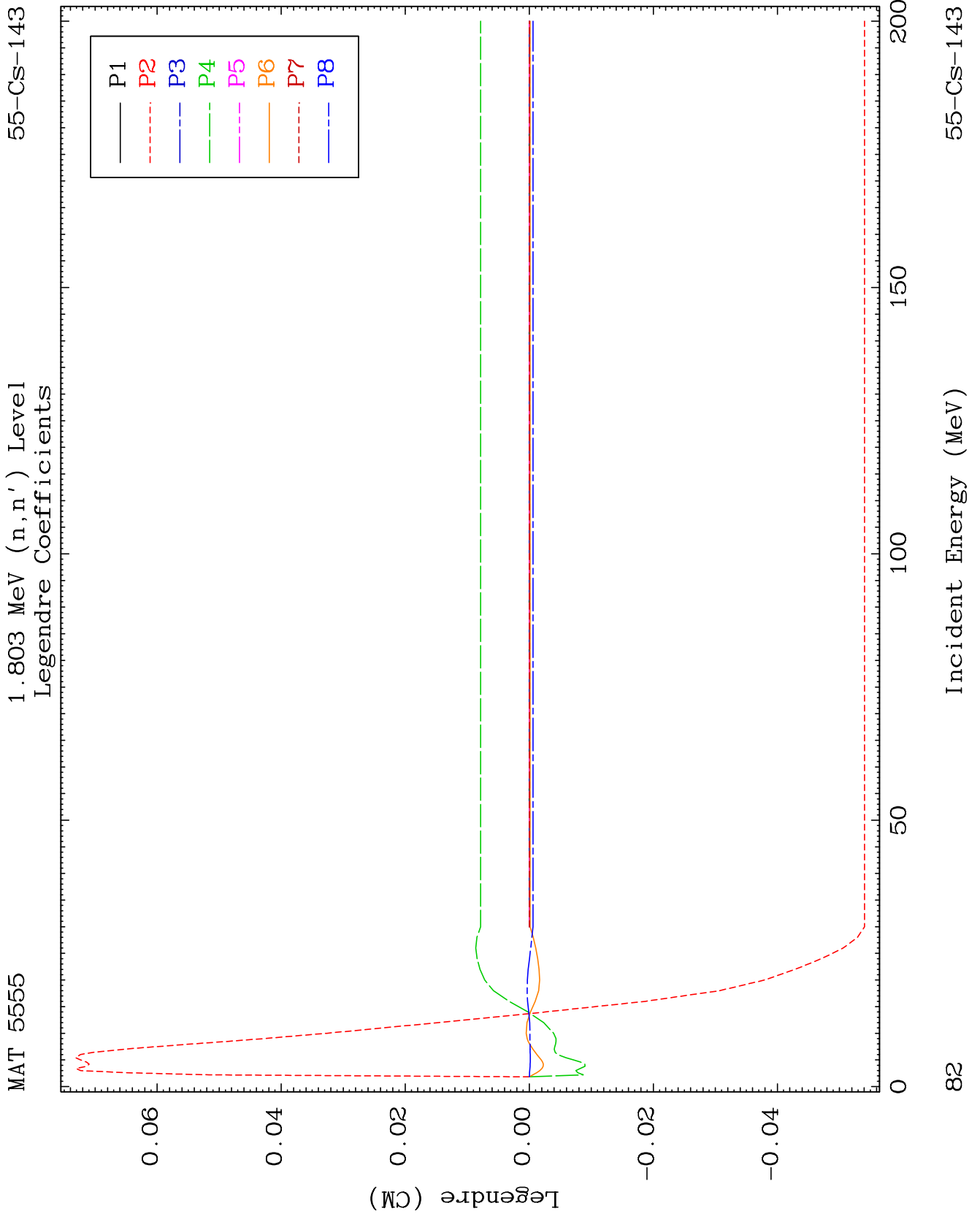


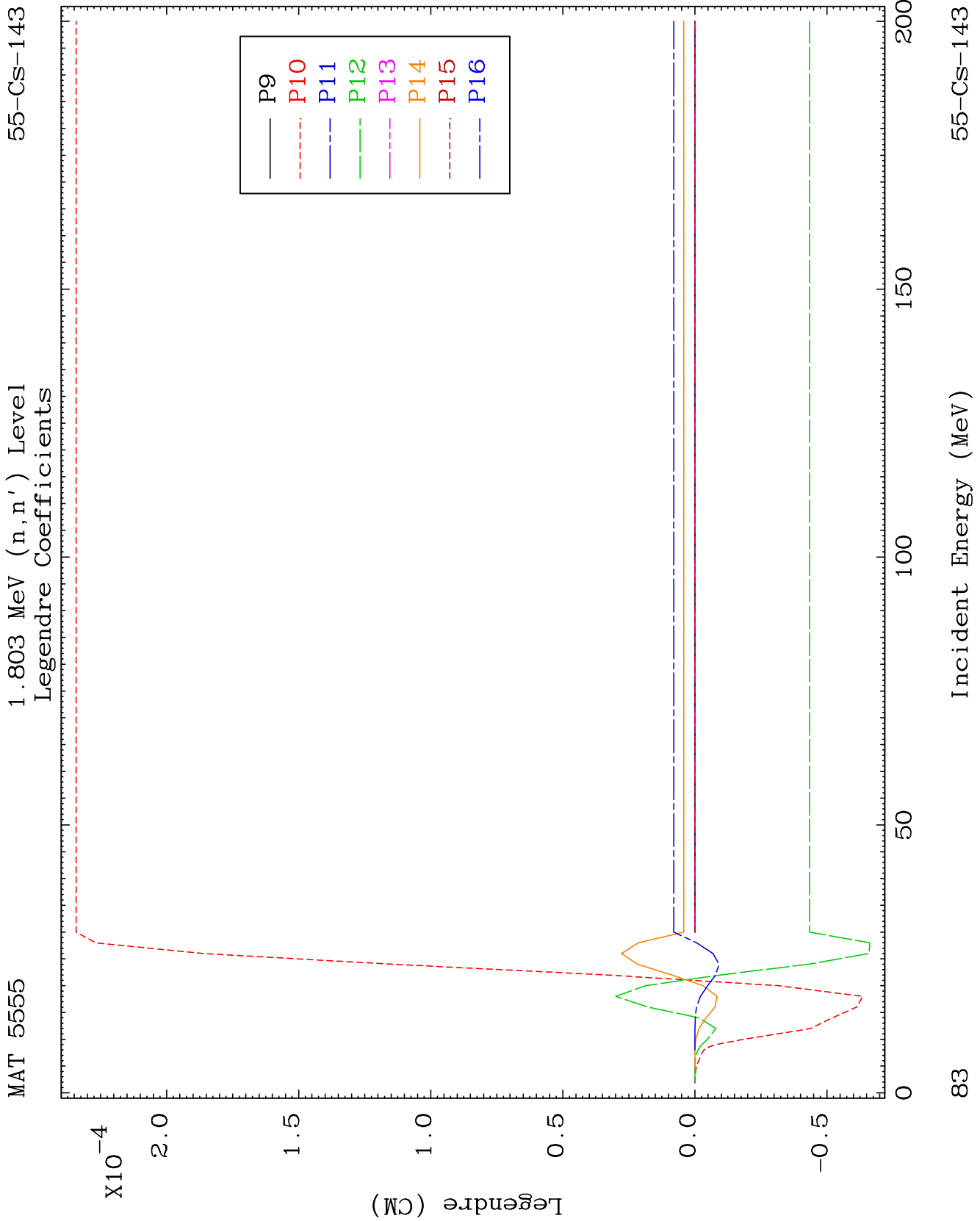


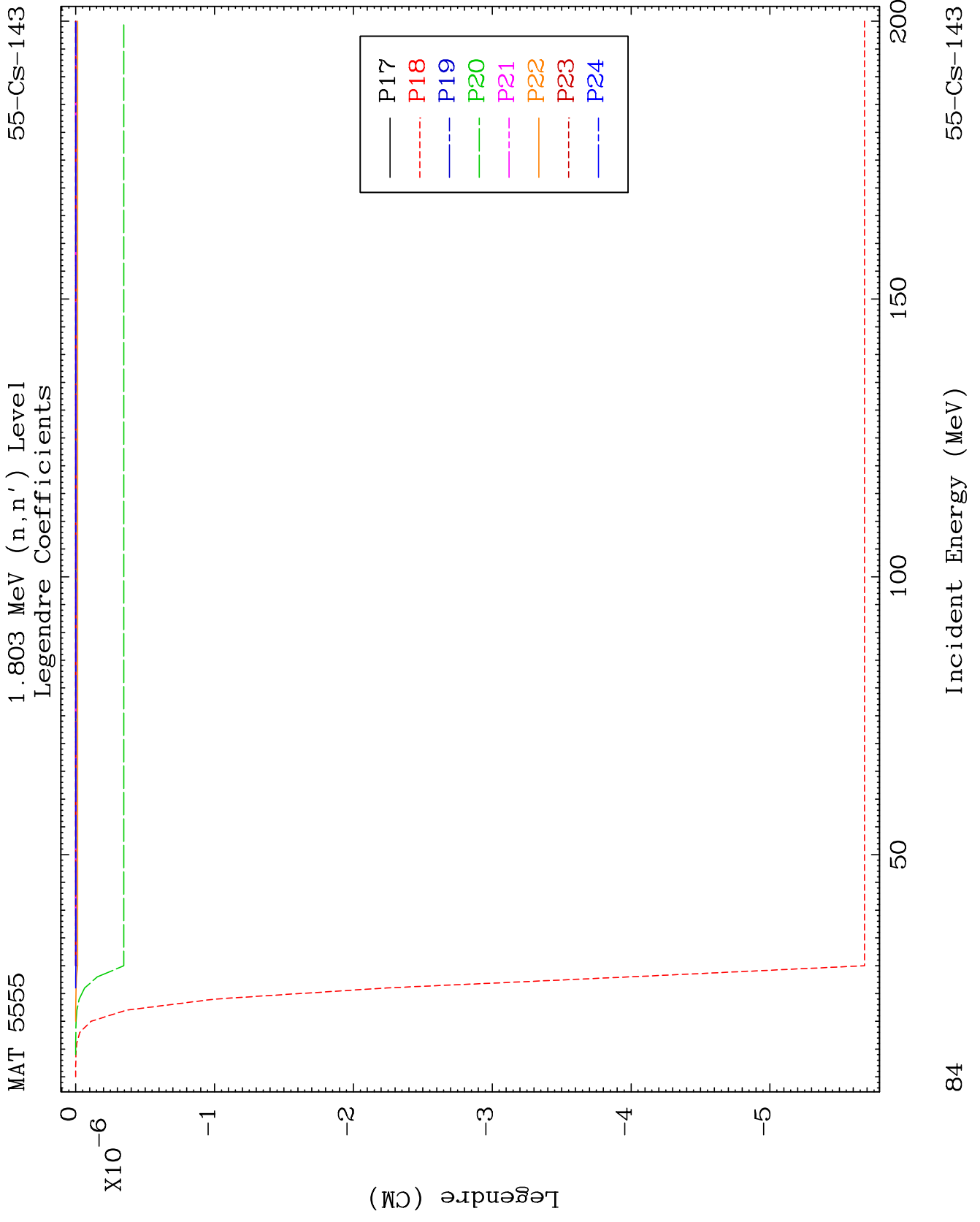


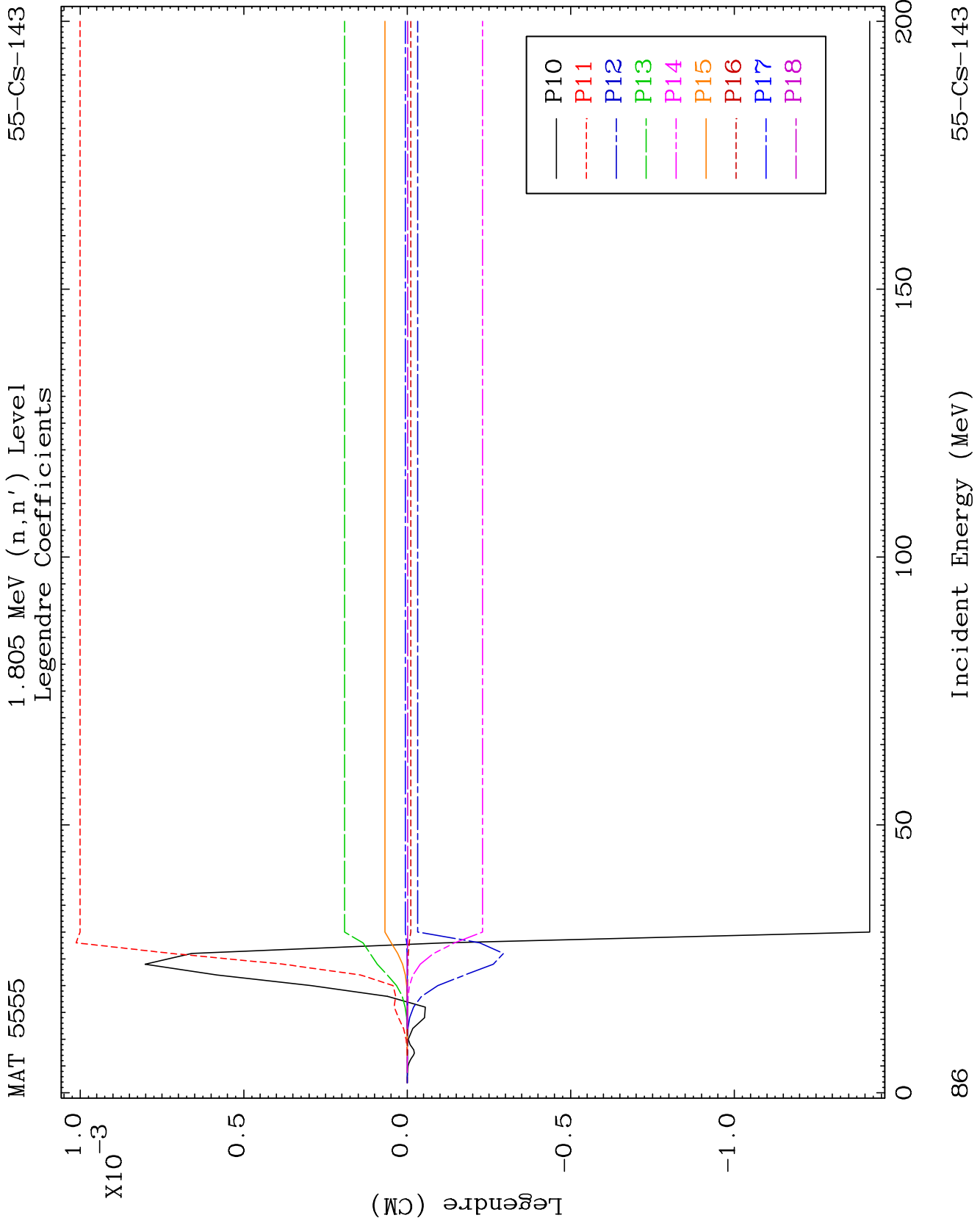


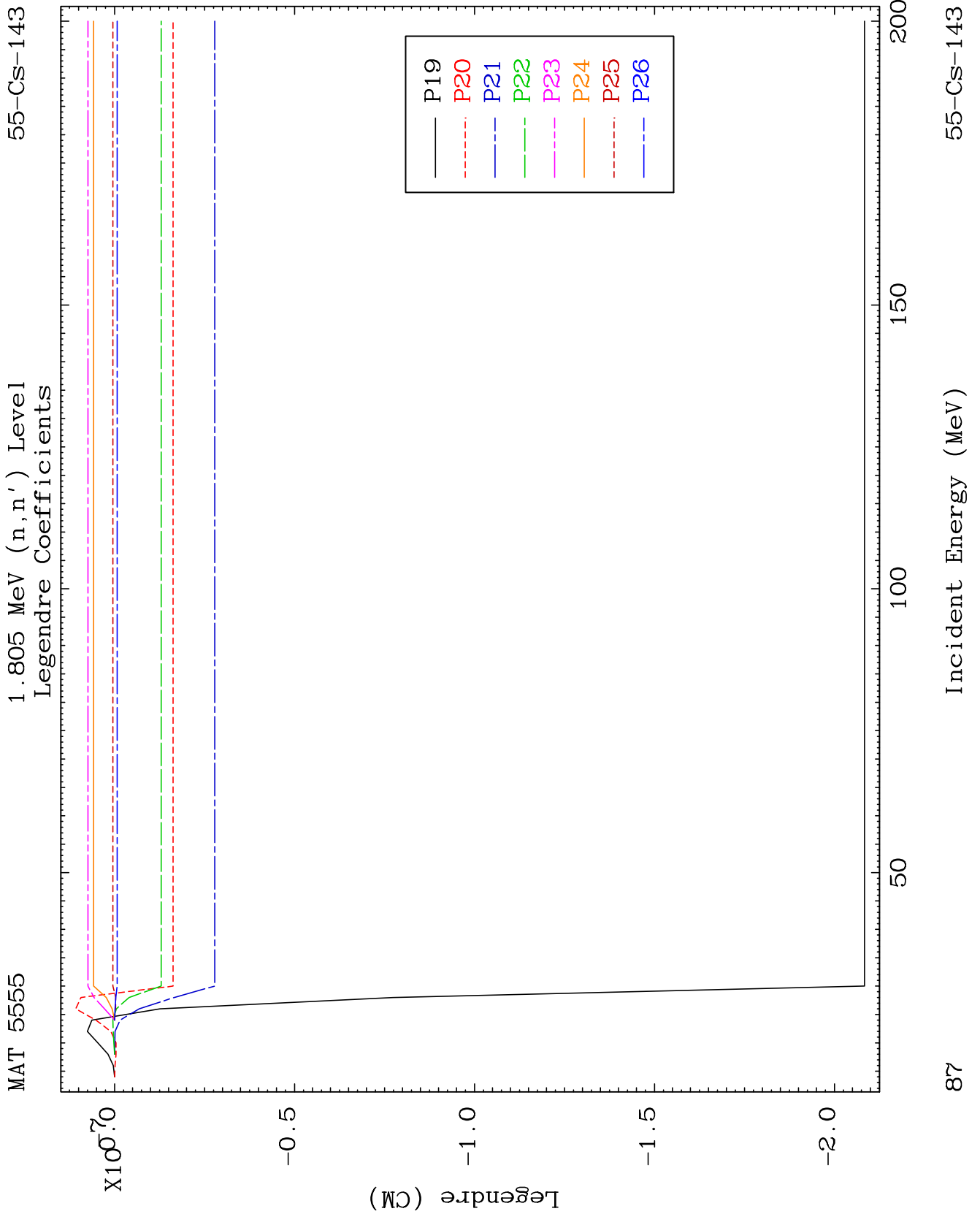








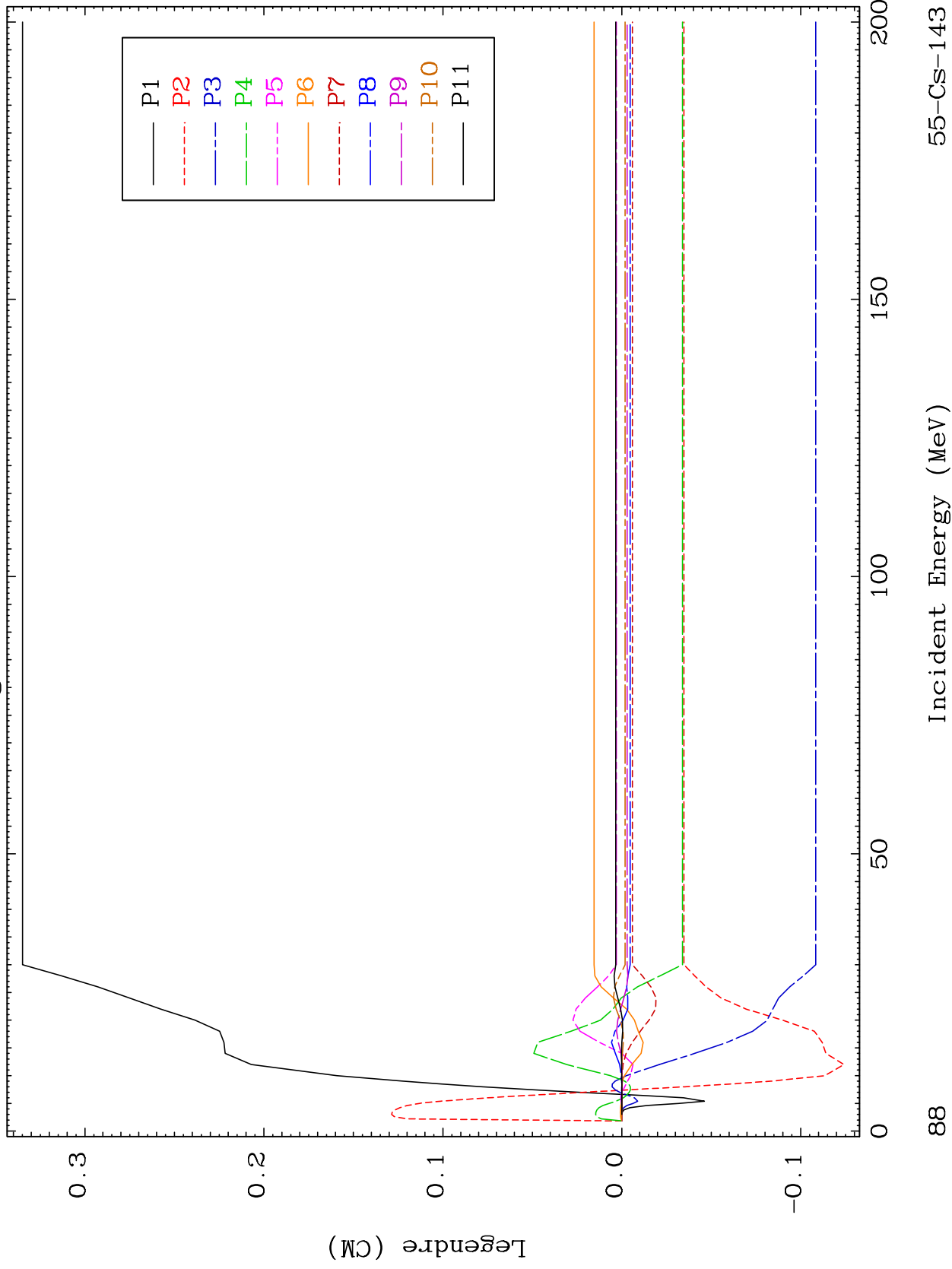




MAT 5555

1.813 MeV (n,n') Level
Legendre Coefficients

55-Cs-143



55-Cs-143

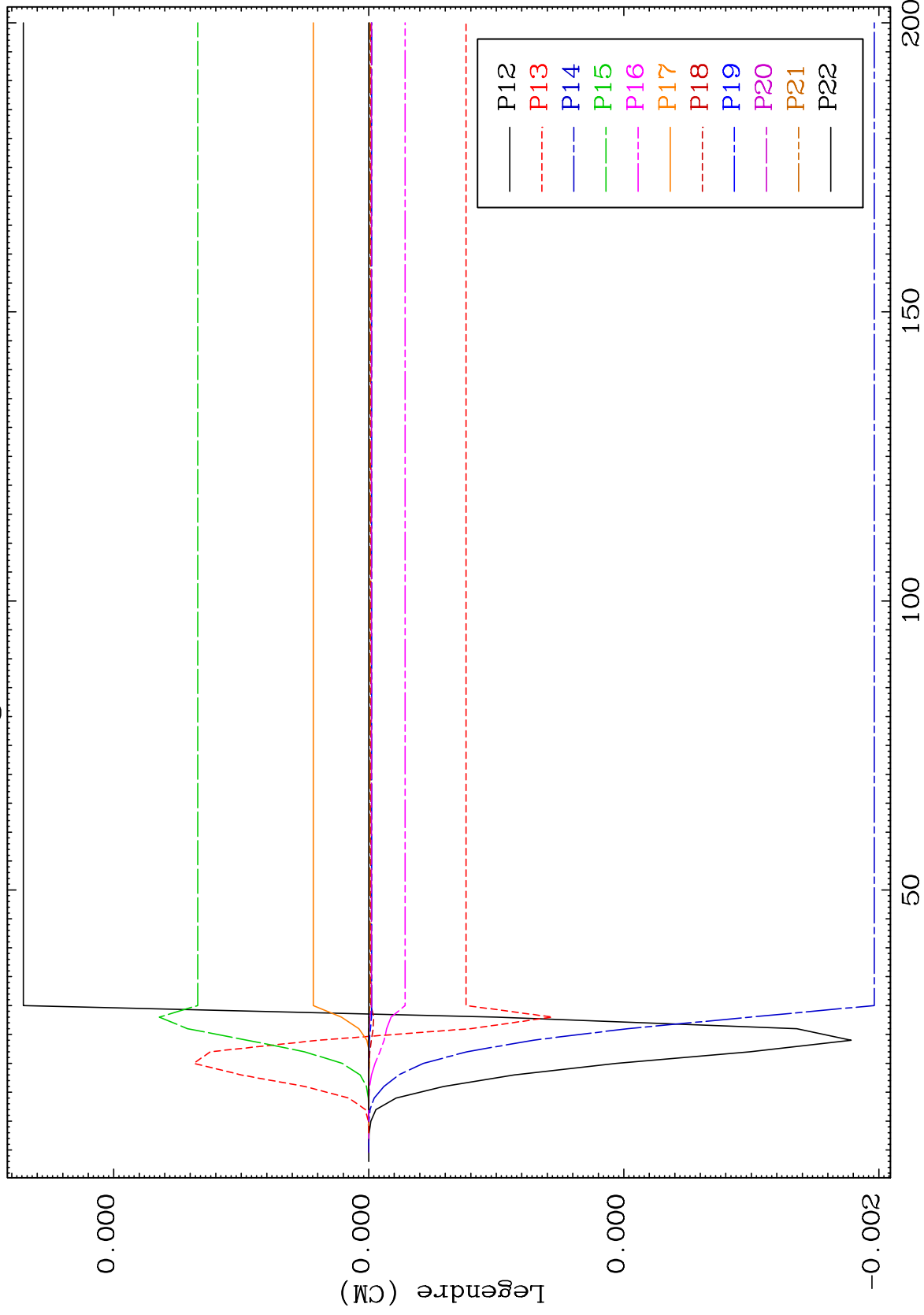
Incident Energy (MeV)

88

MAT 5555

1.813 MeV (n,n') Level
Legendre Coefficients

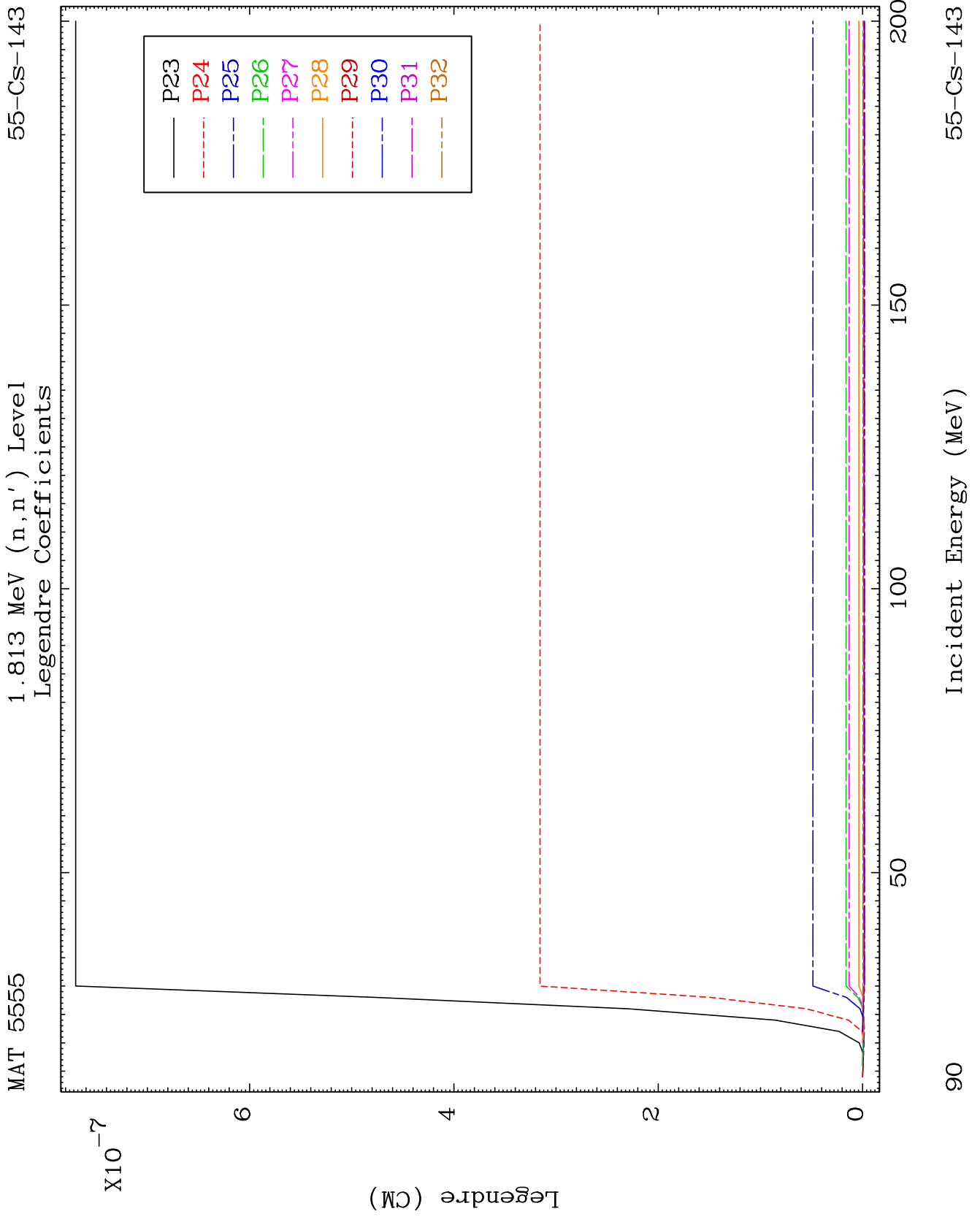
55-Cs-143



89

Incident Energy (MeV)

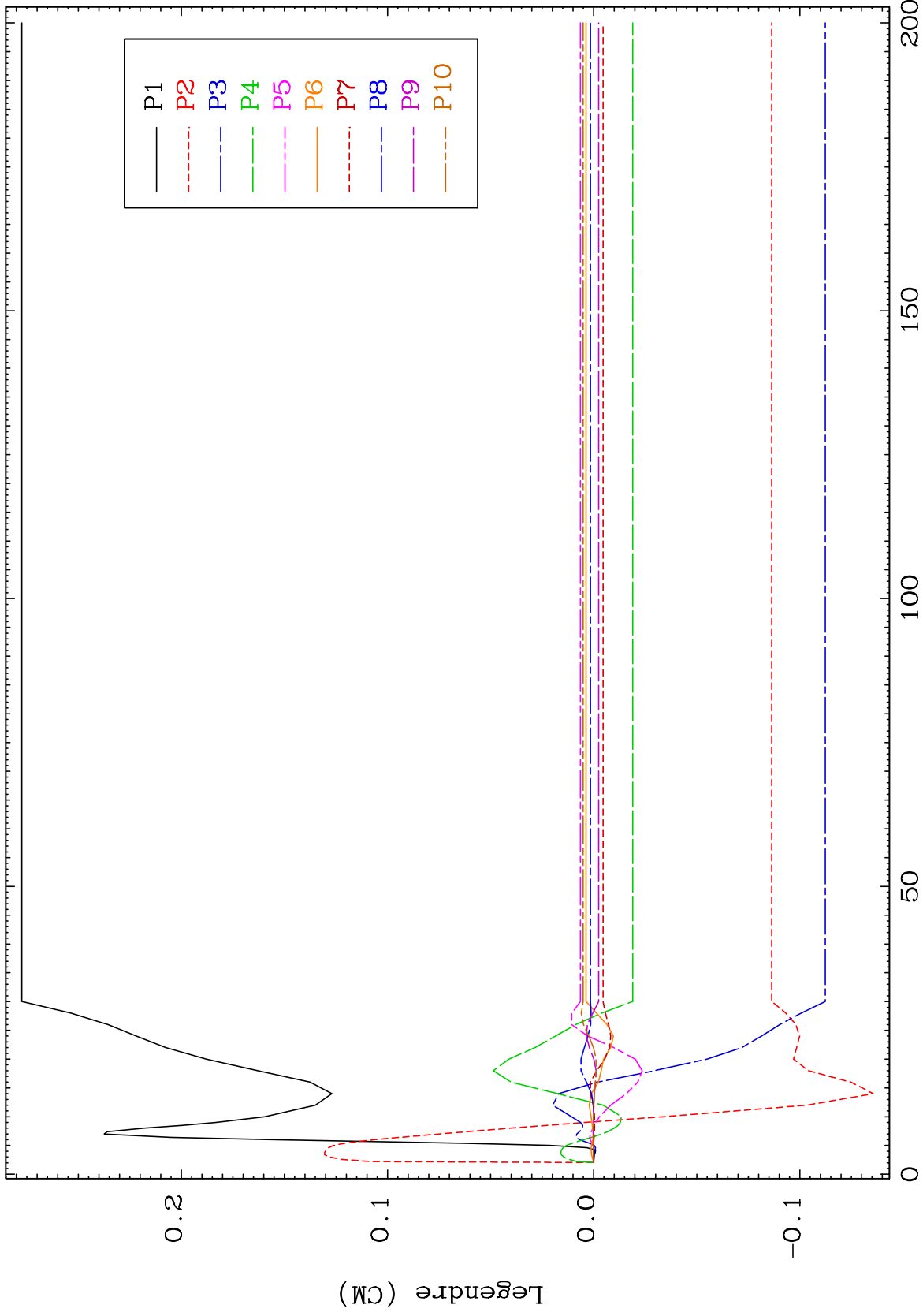
55-Cs-143



MAT 5555

2.032 MeV (n,n') Level
Legendre Coefficients

55-Cs-143



91

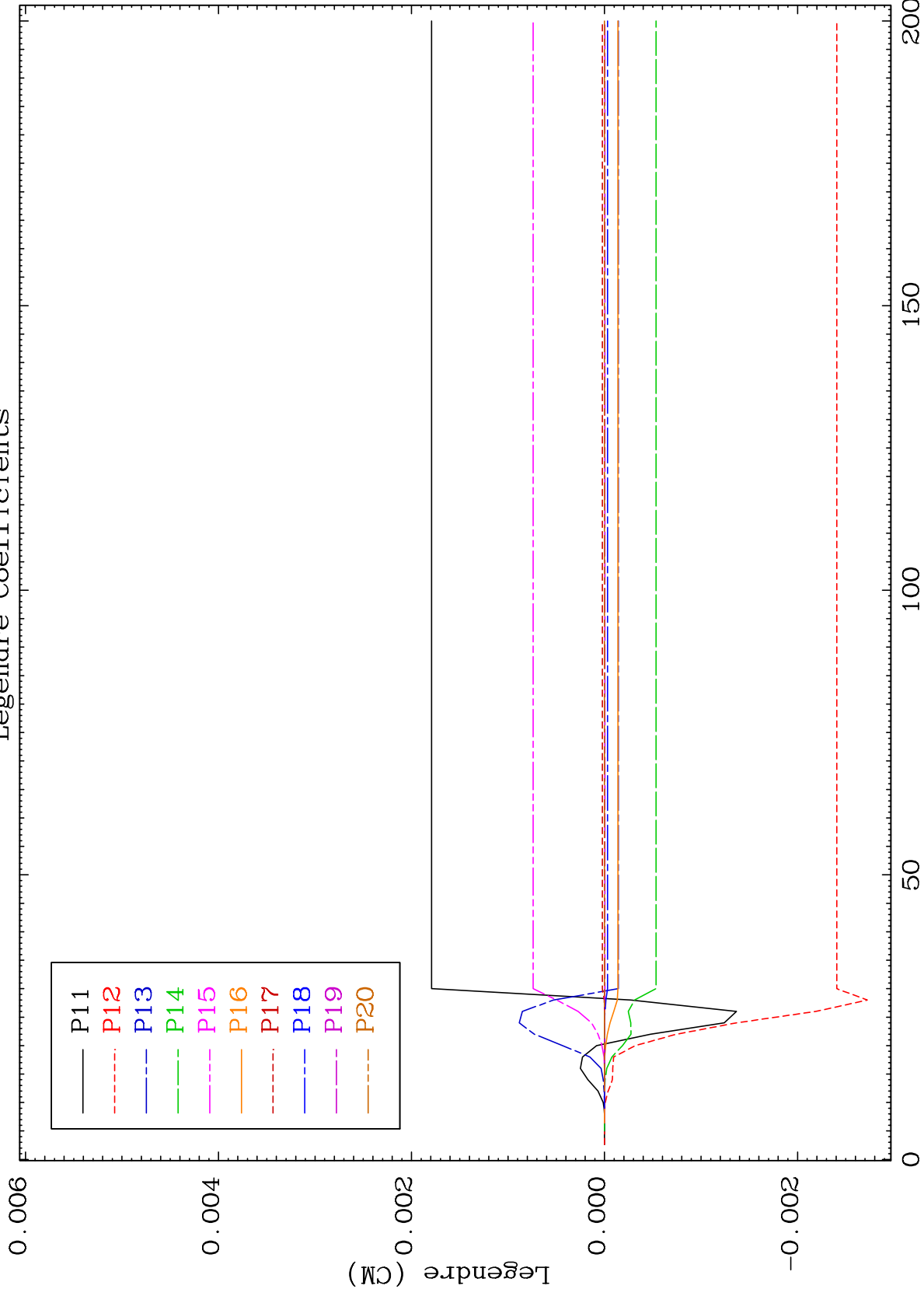
Incident Energy (MeV)

55-Cs-143

MAT 5555

2.032 MeV (n,n') Level
Legendre Coefficients

55-Cs-143



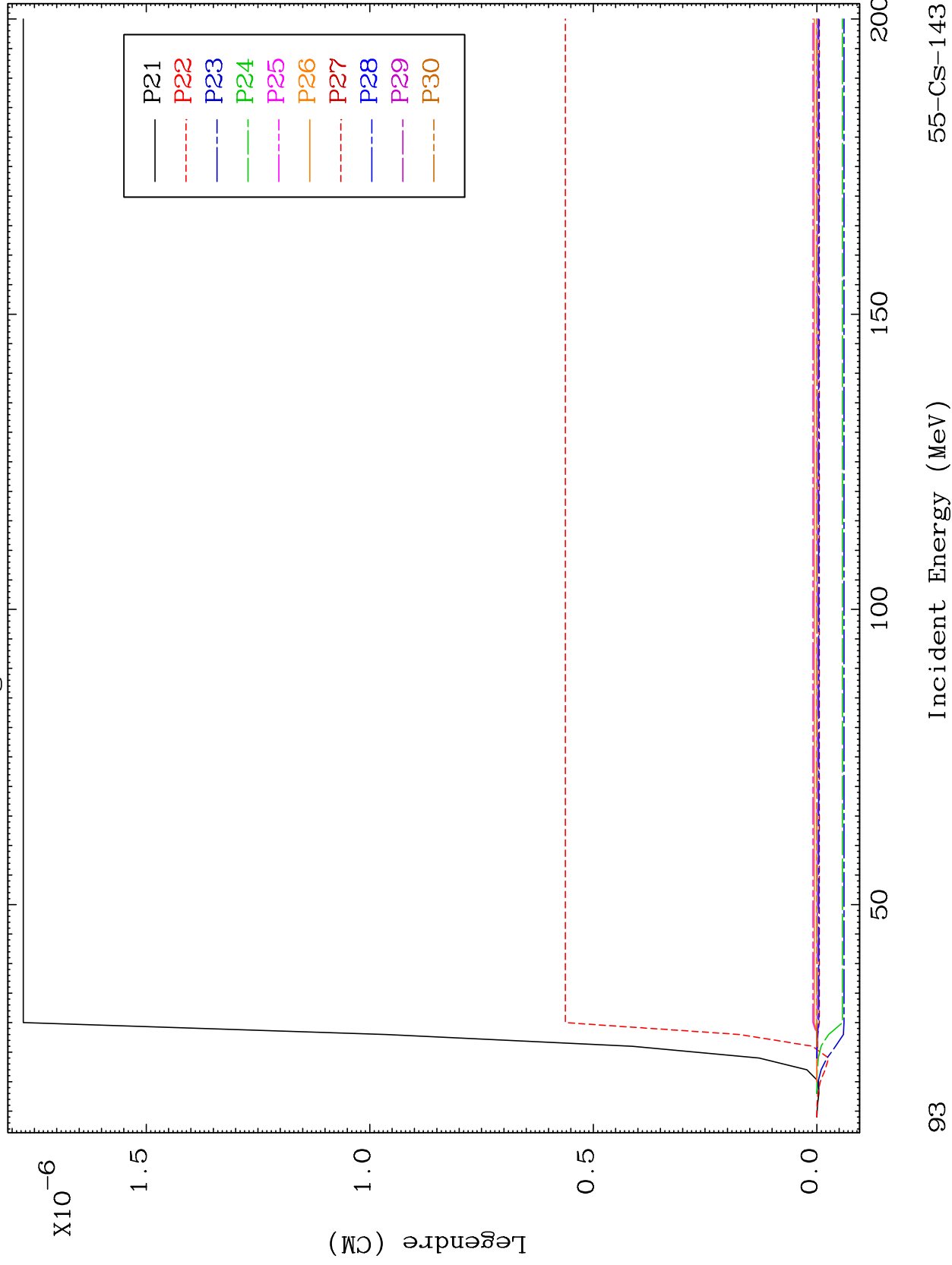
92

55-Cs-143

MAT 5555

2.032 MeV (n,n') Level
Legendre Coefficients

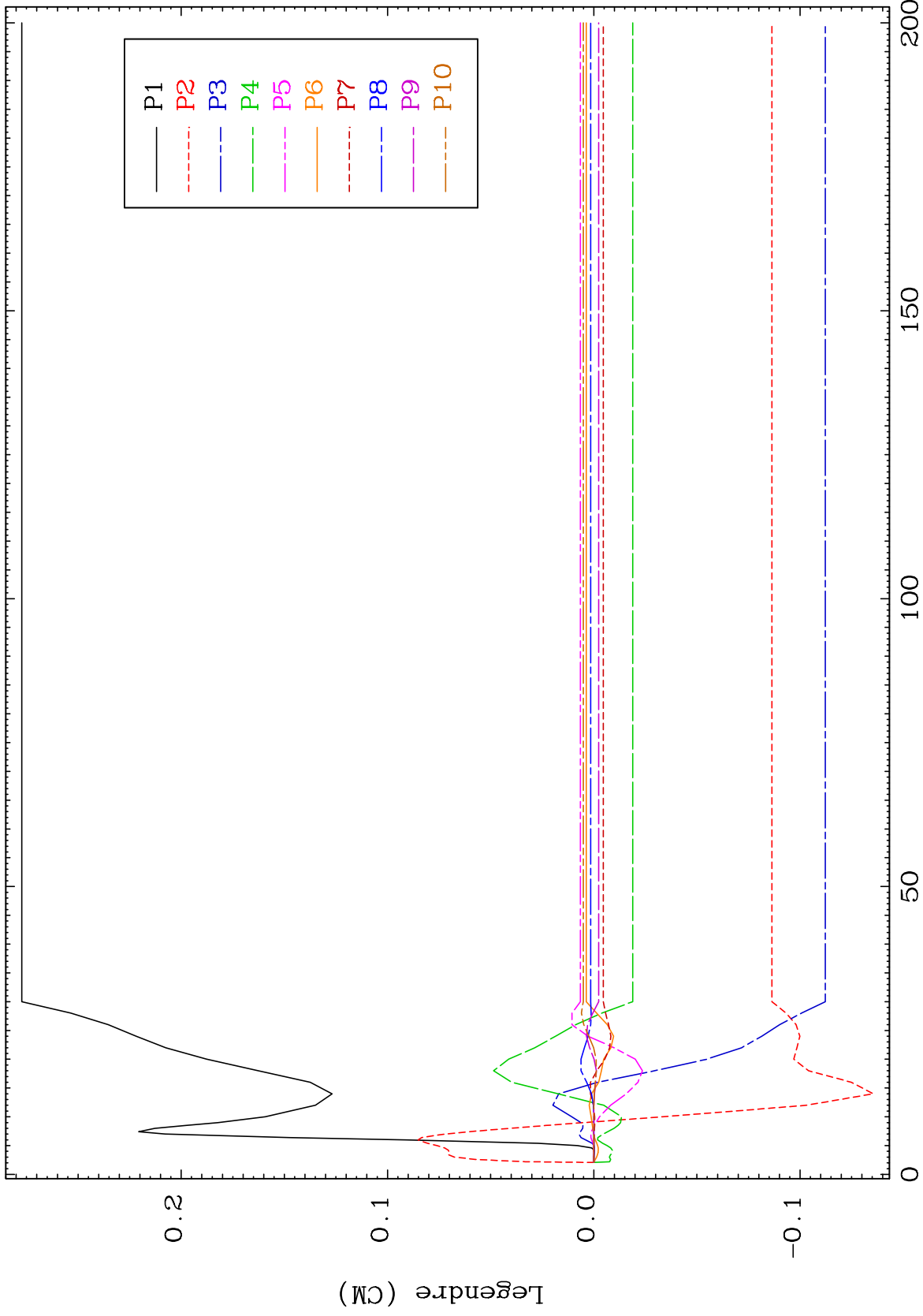
55-Cs-143



MAT 5555

2.053 MeV (n,n') Level
Legendre Coefficients

55-Cs-143



94

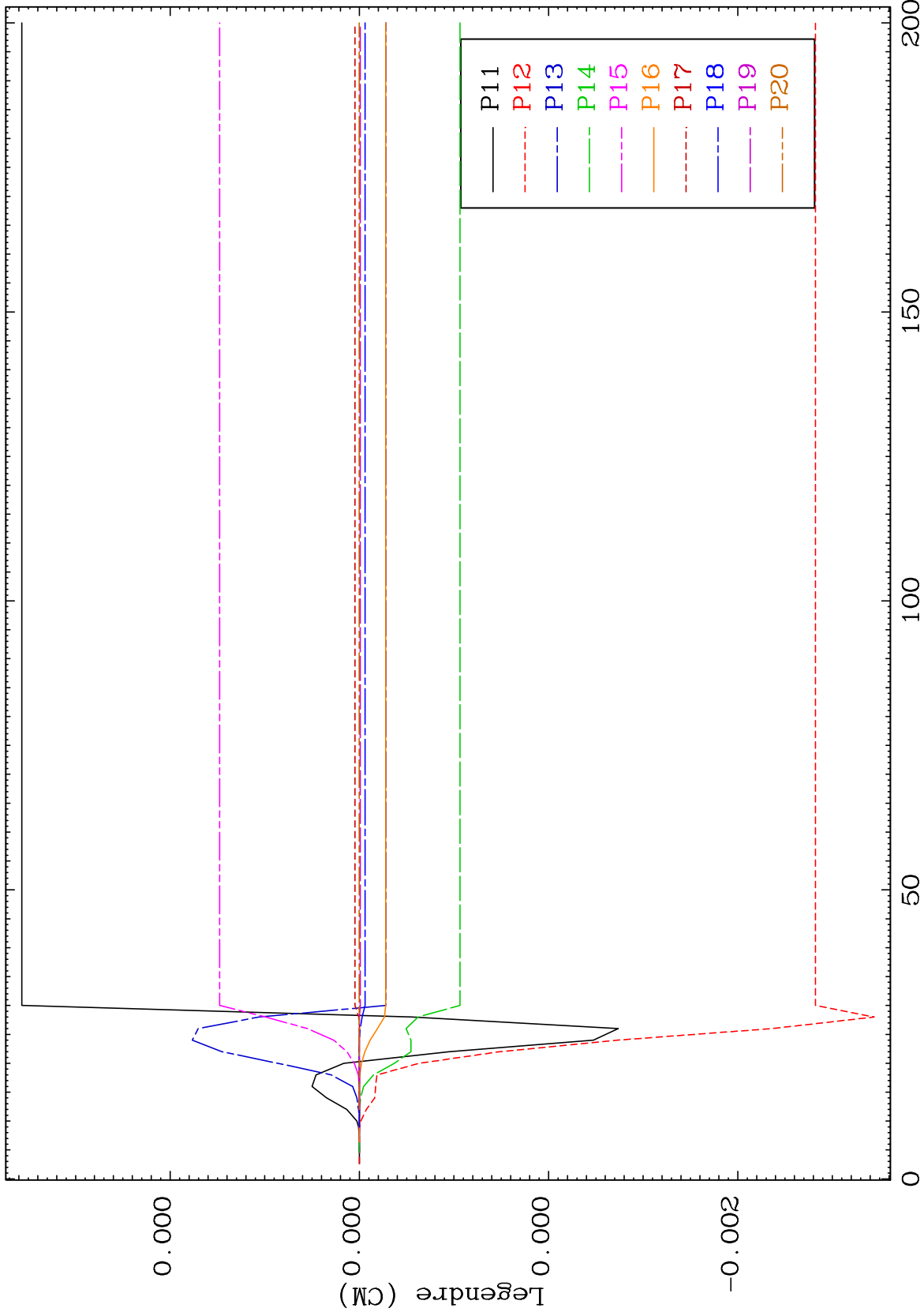
Incident Energy (MeV)

55-Cs-143

MAT 5555

2.053 MeV (n,n') Level
Legendre Coefficients

55-Cs-143



95

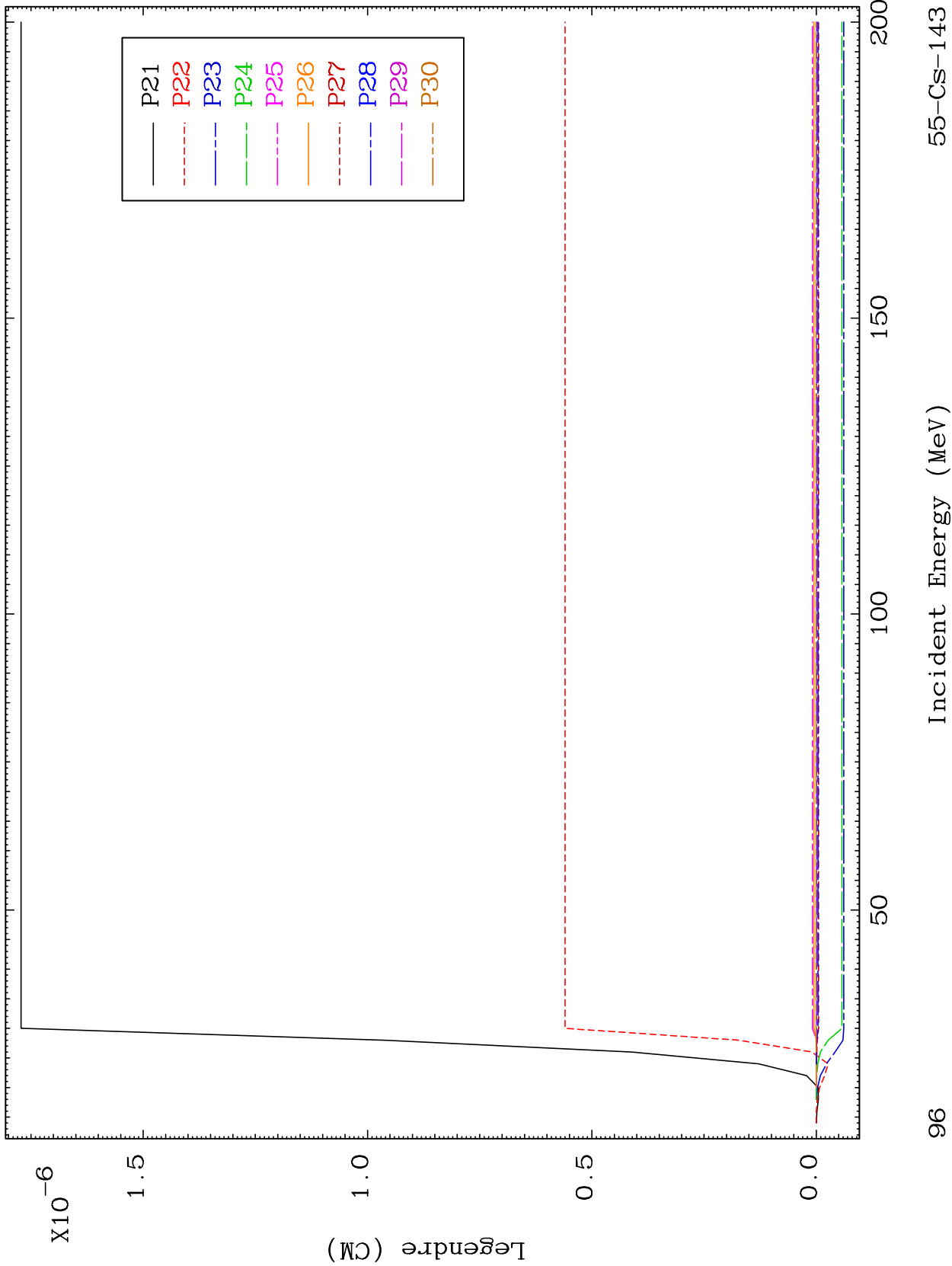
Incident Energy (MeV)

55-Cs-143

MAT 5555

2.053 MeV (n,n') Level
Legendre Coefficients

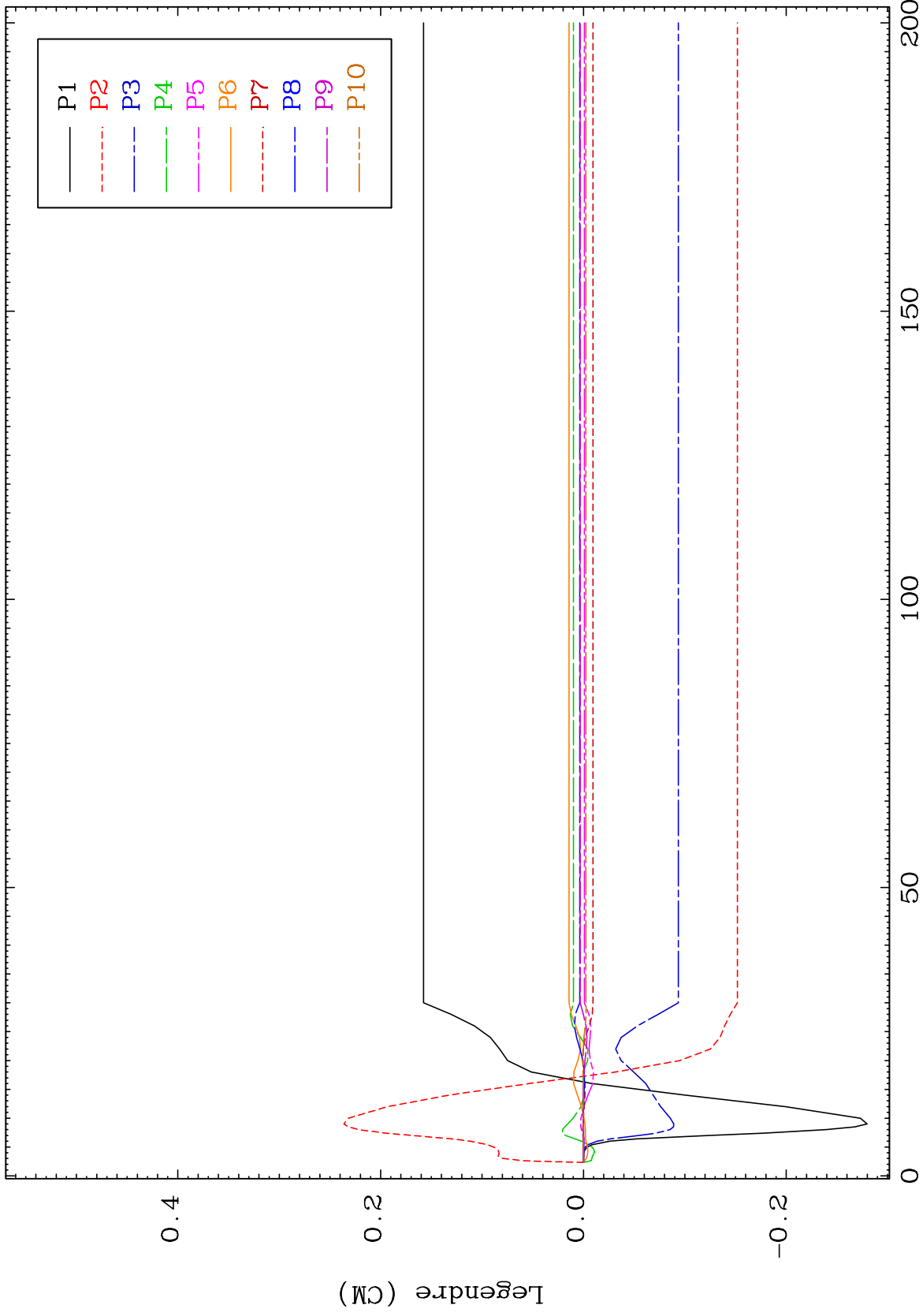
55-Cs-143



MAT 5555

2.294 MeV (n,n') Level
Legendre Coefficients

55-Cs-143



97

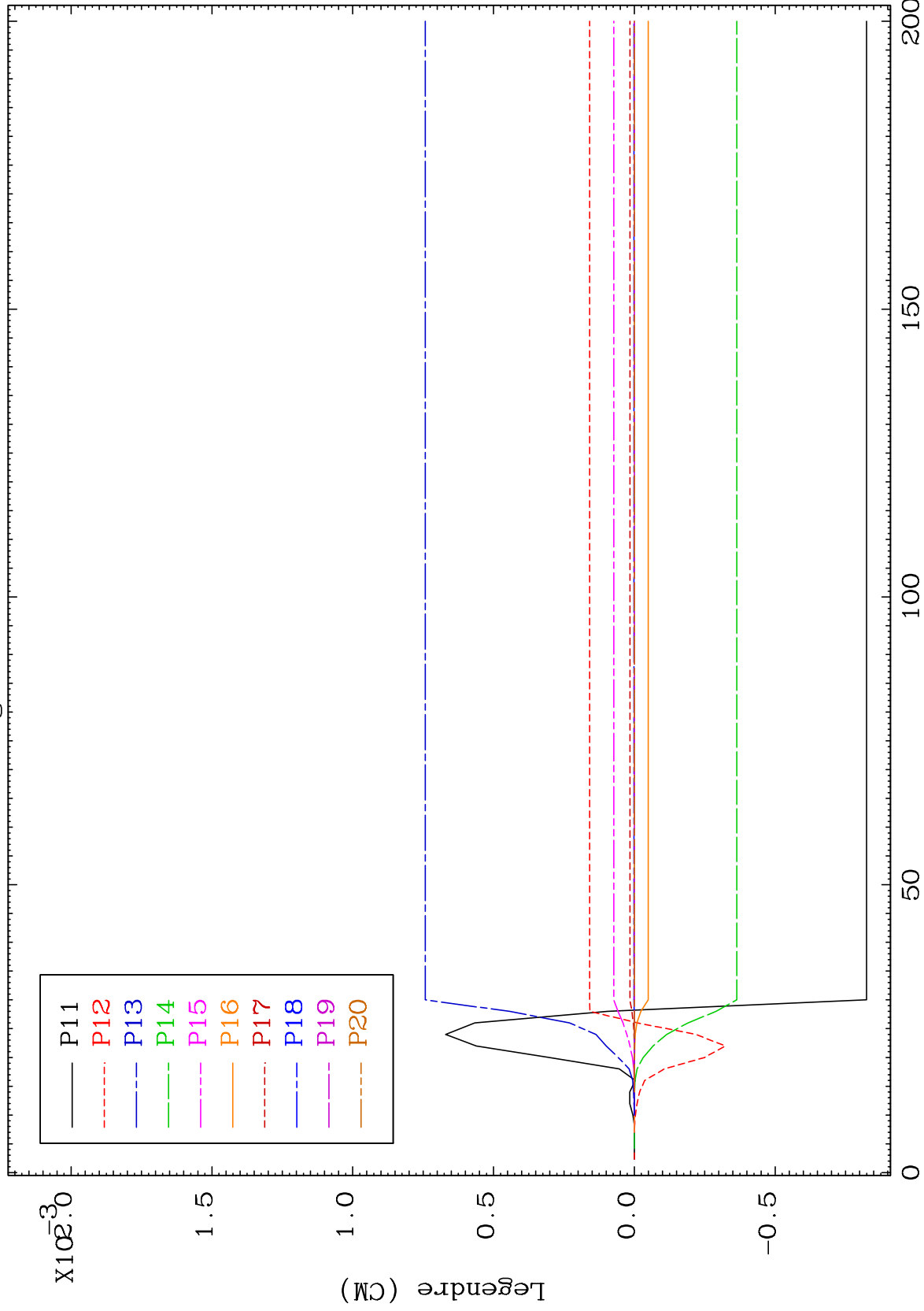
Incident Energy (MeV)

55-Cs-143

MAT 5555

2.294 MeV (n,n') Level
Legendre Coefficients

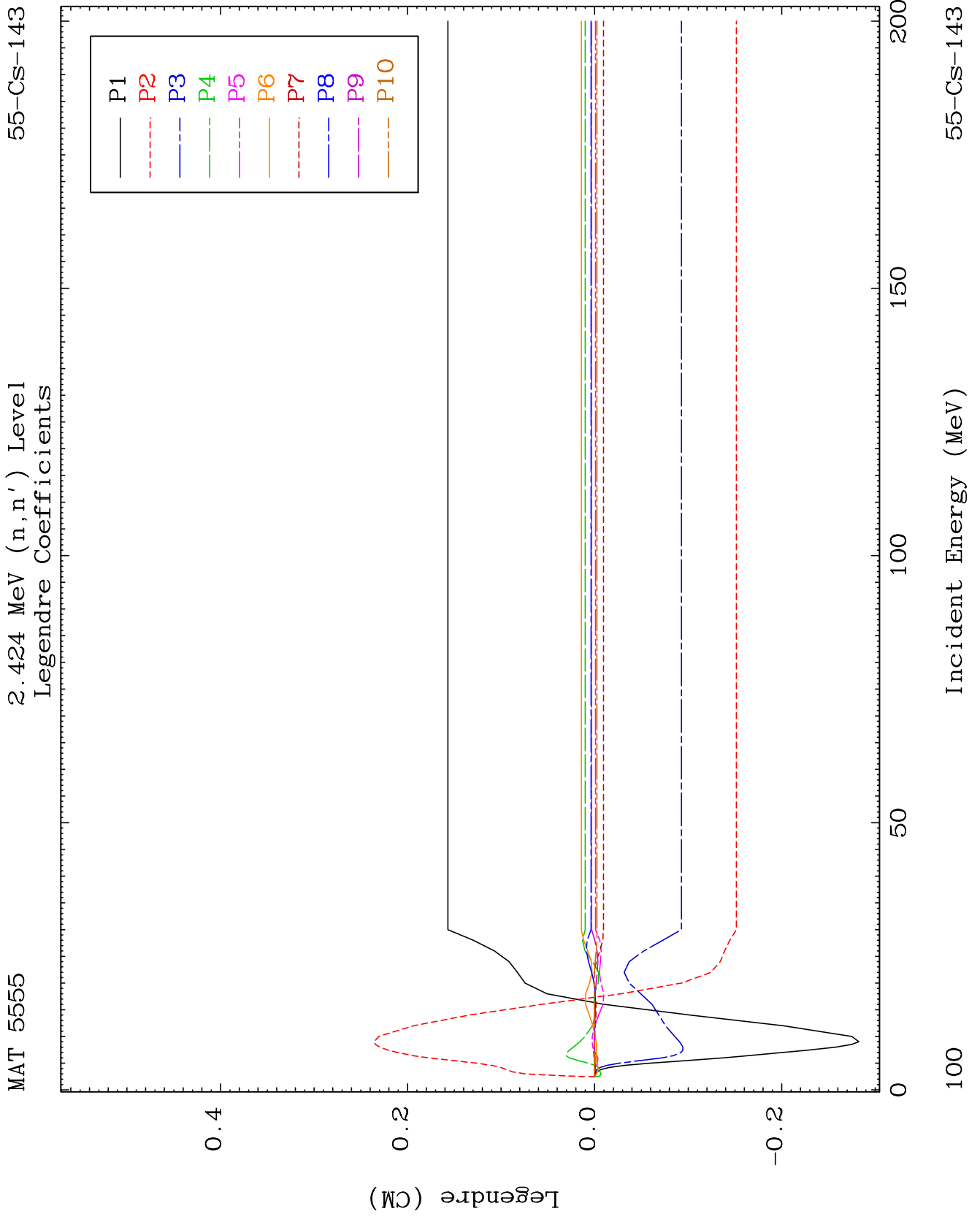
55-Cs-143



98

Incident Energy (MeV)

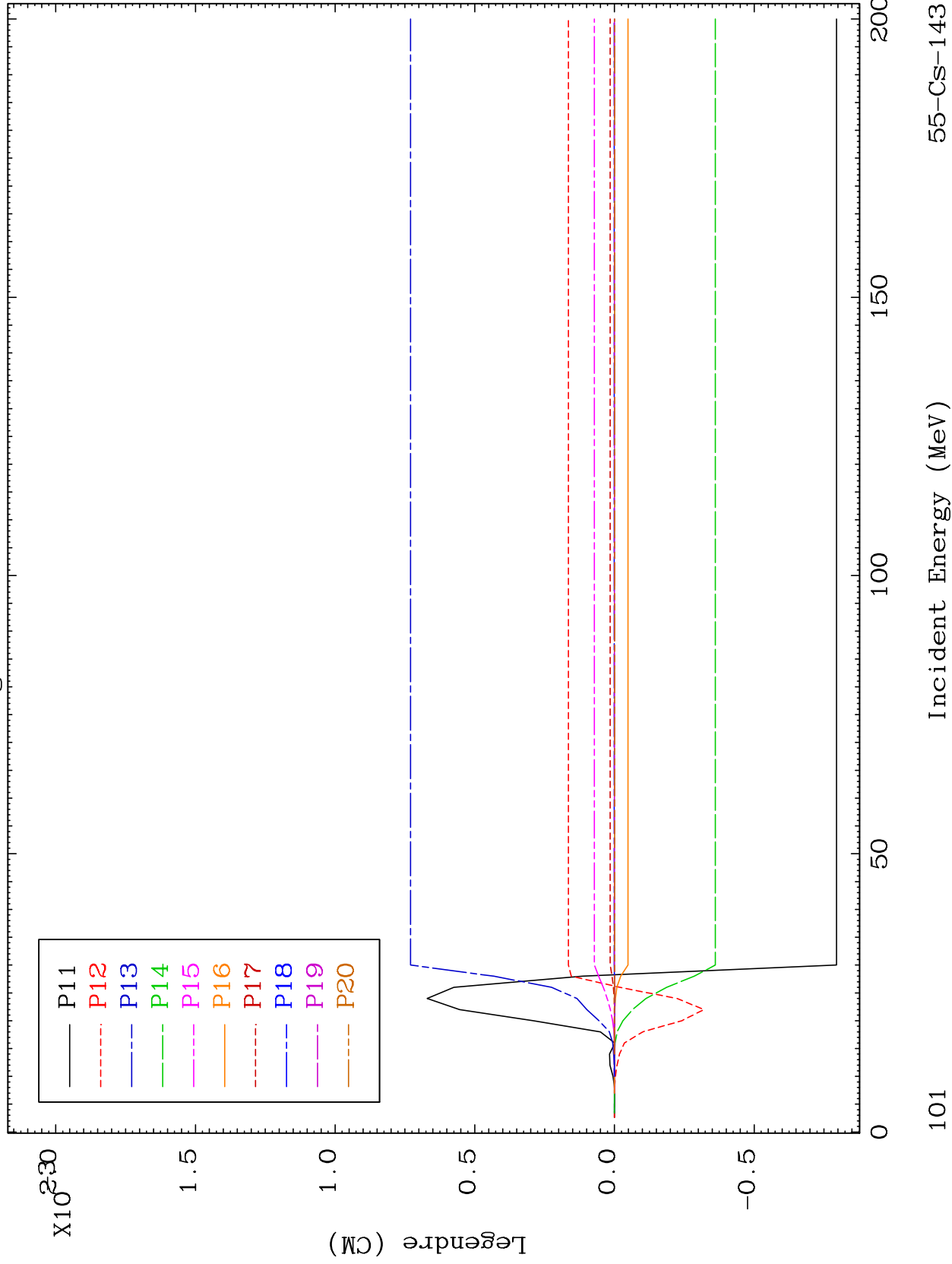
55-Cs-143

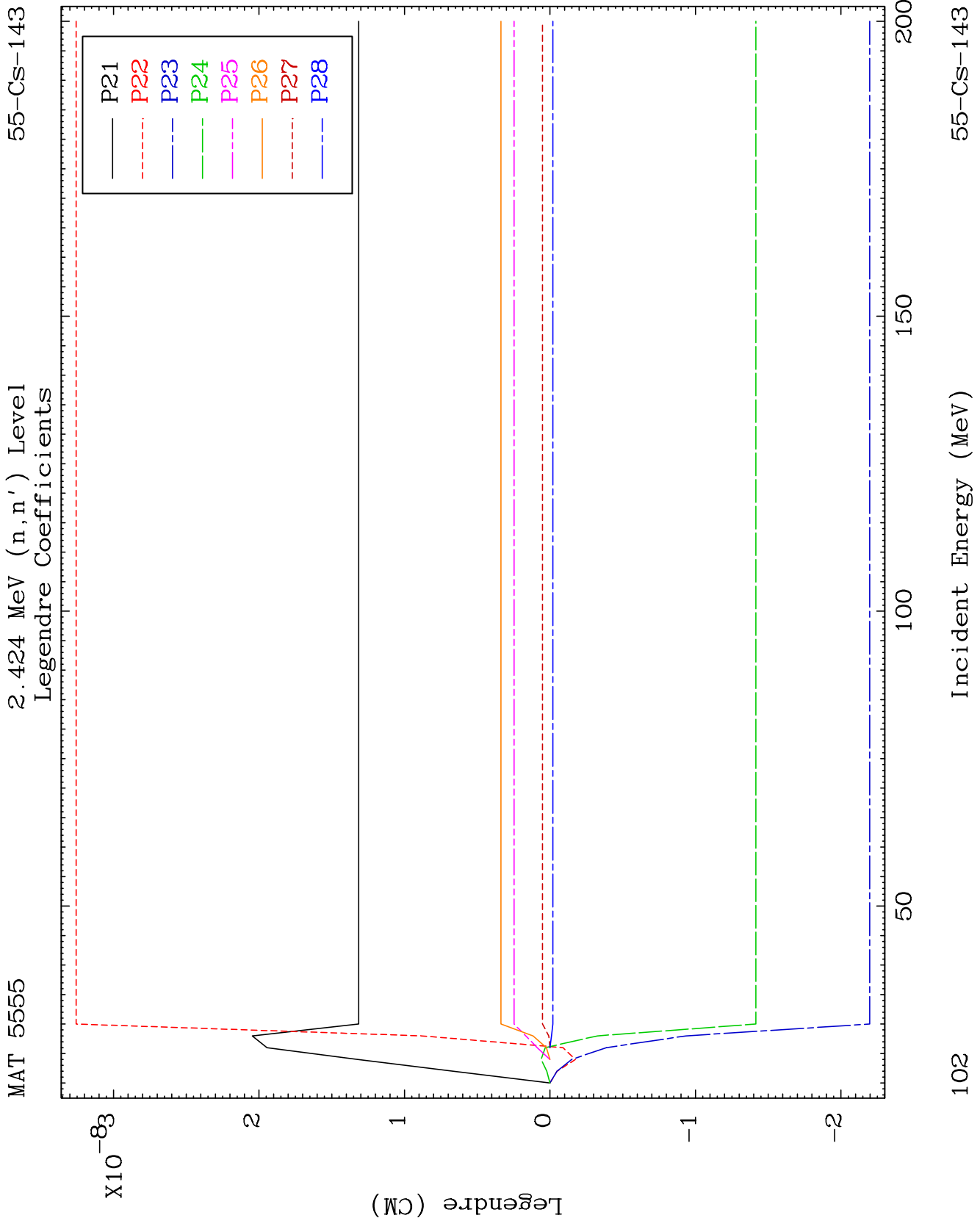


MAT 5555

2.424 MeV (n, n') Level
Legendre Coefficients

55-Cs-143

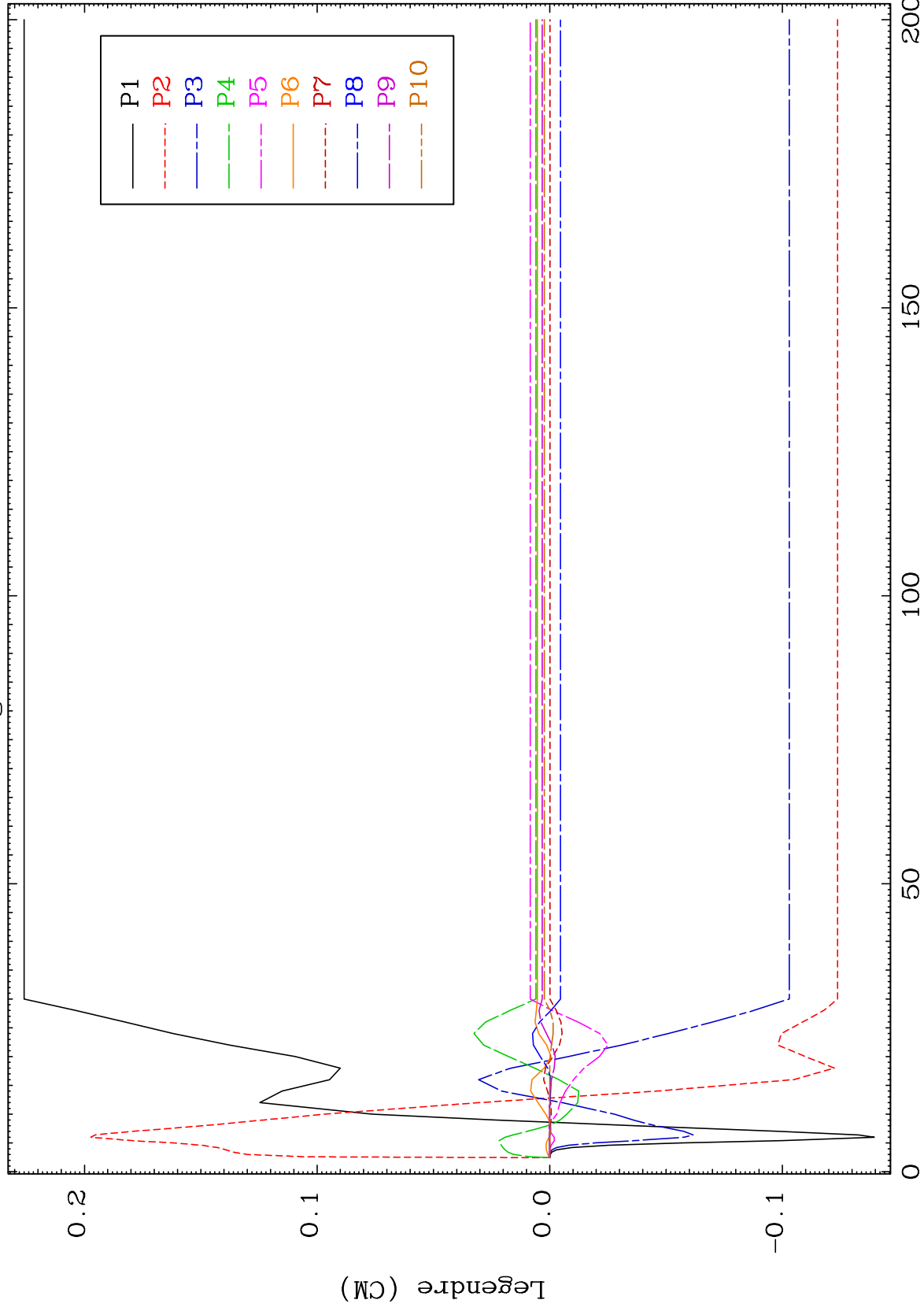




MAT 5555

2.428 MeV (n,n') Level
Legendre Coefficients

55-Cs-143



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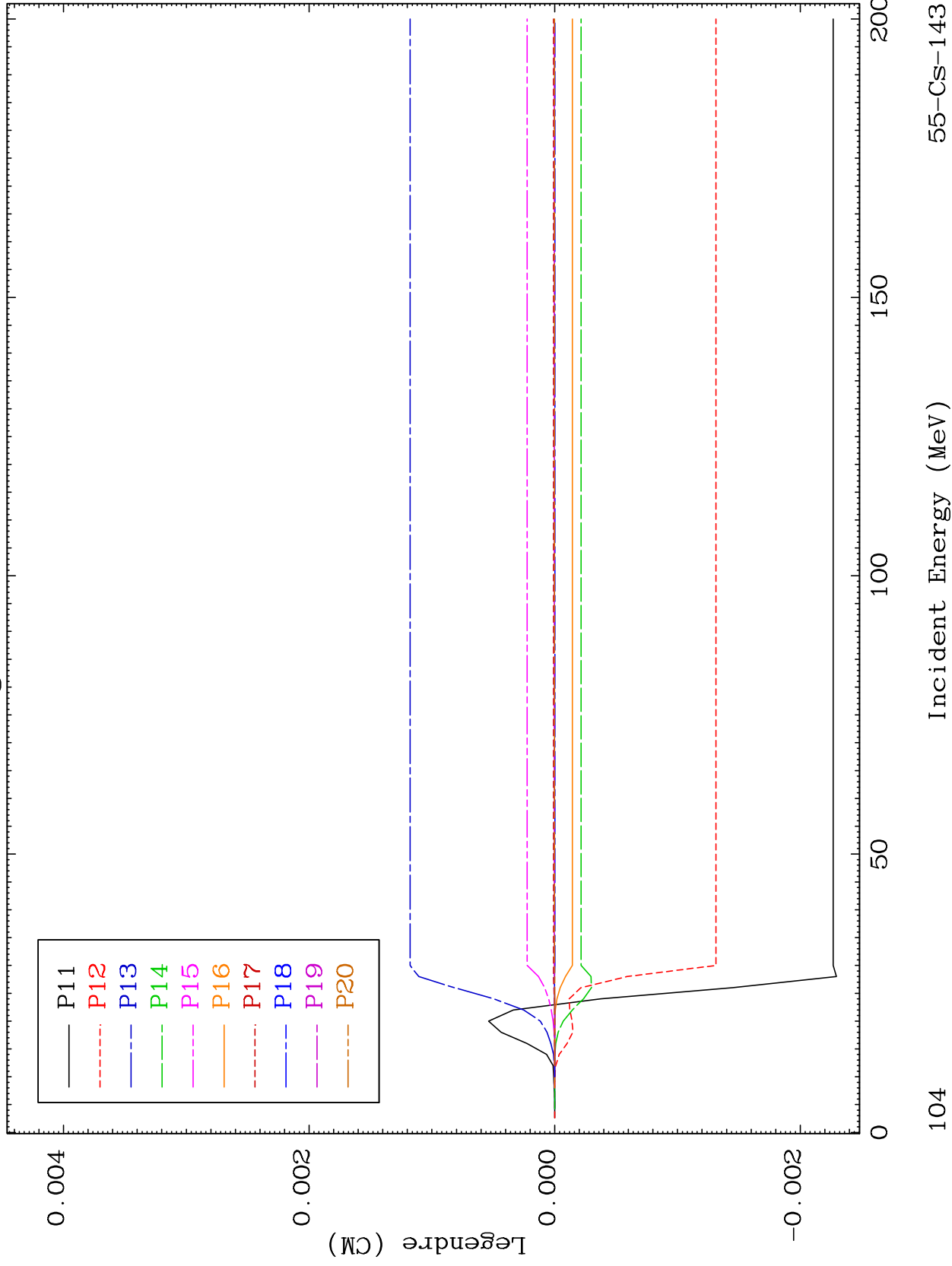
Incident Energy (MeV)

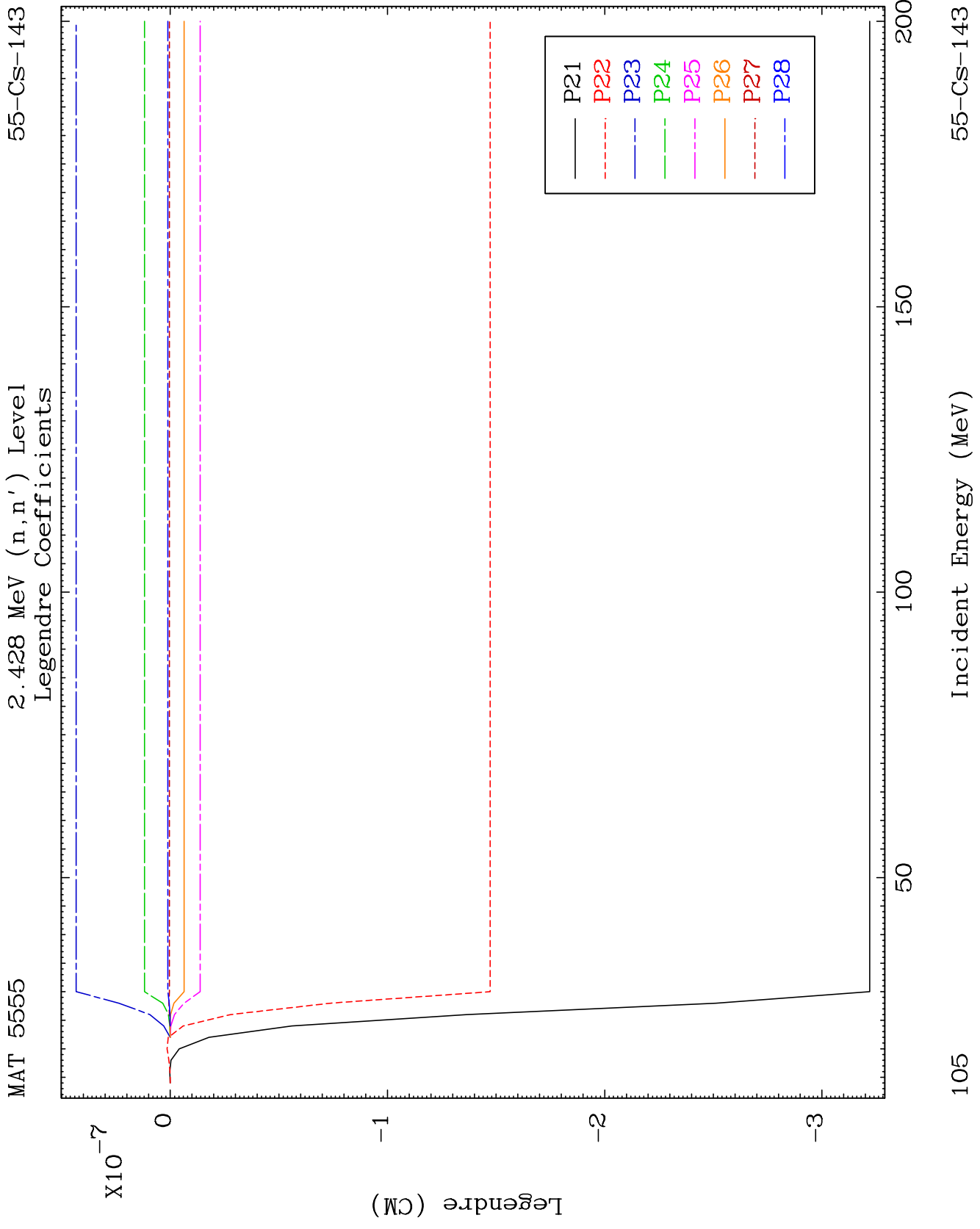
55-Cs-143

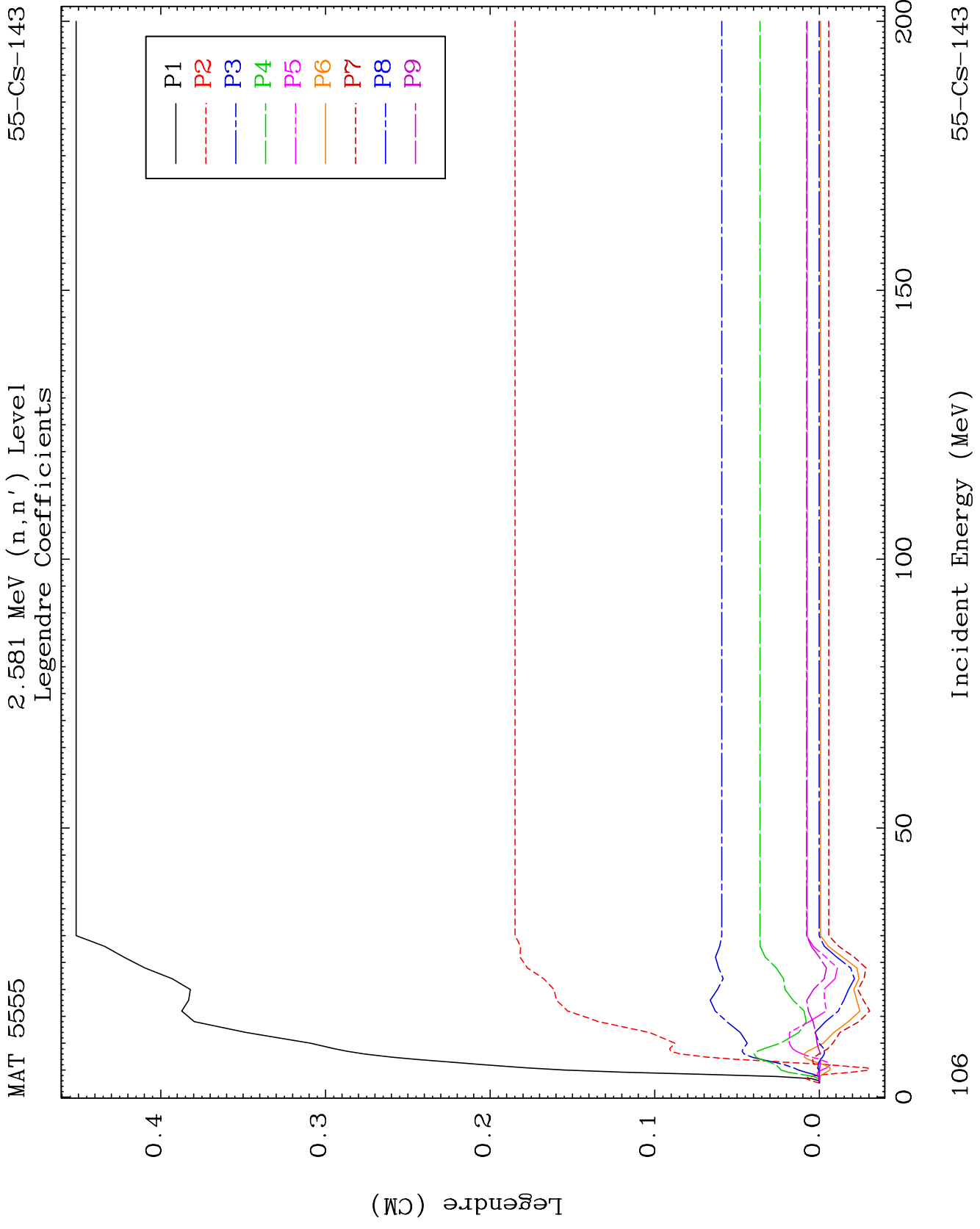
MAT 5555

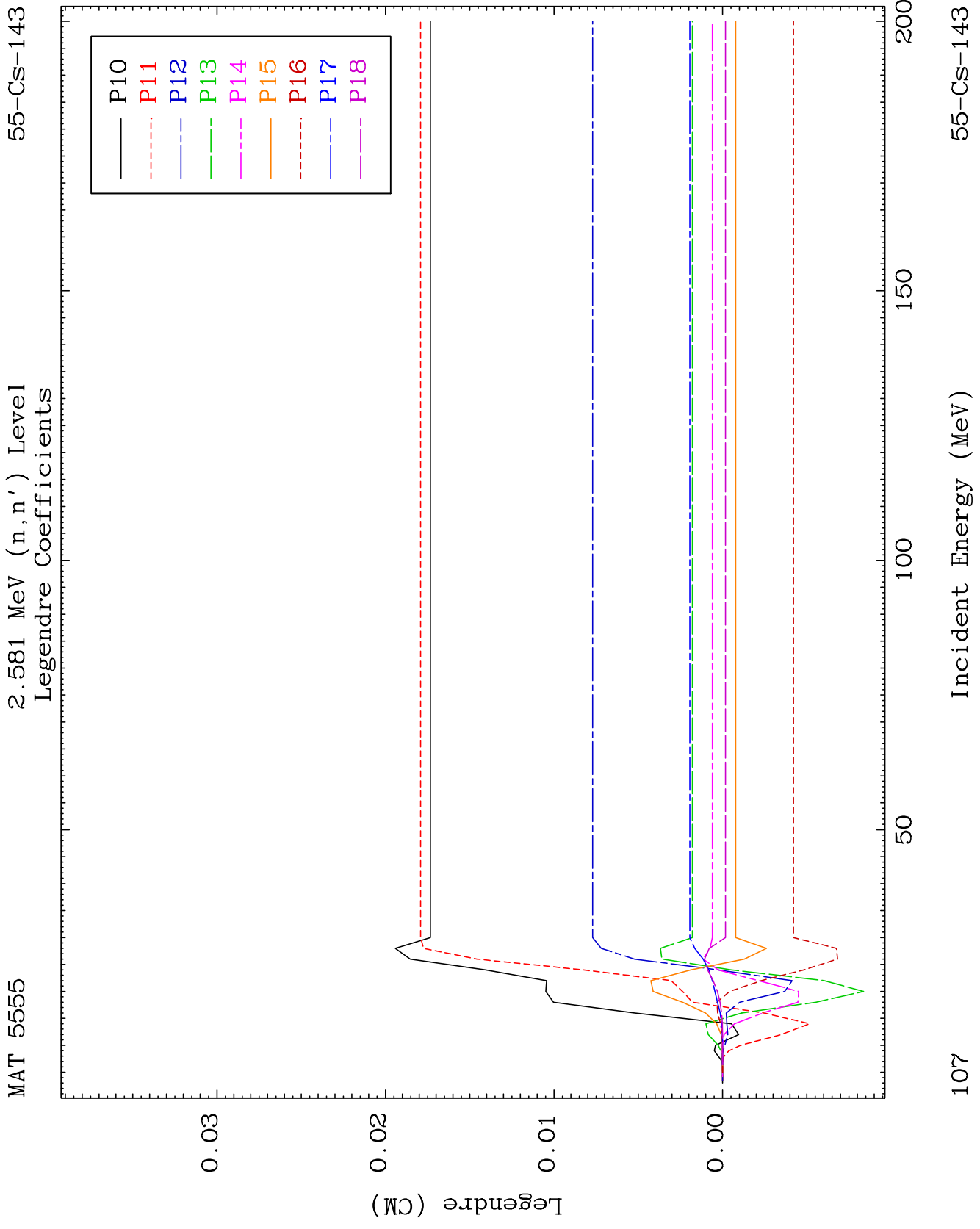
2.428 MeV (n,n') Level
Legendre Coefficients

55-Cs-143





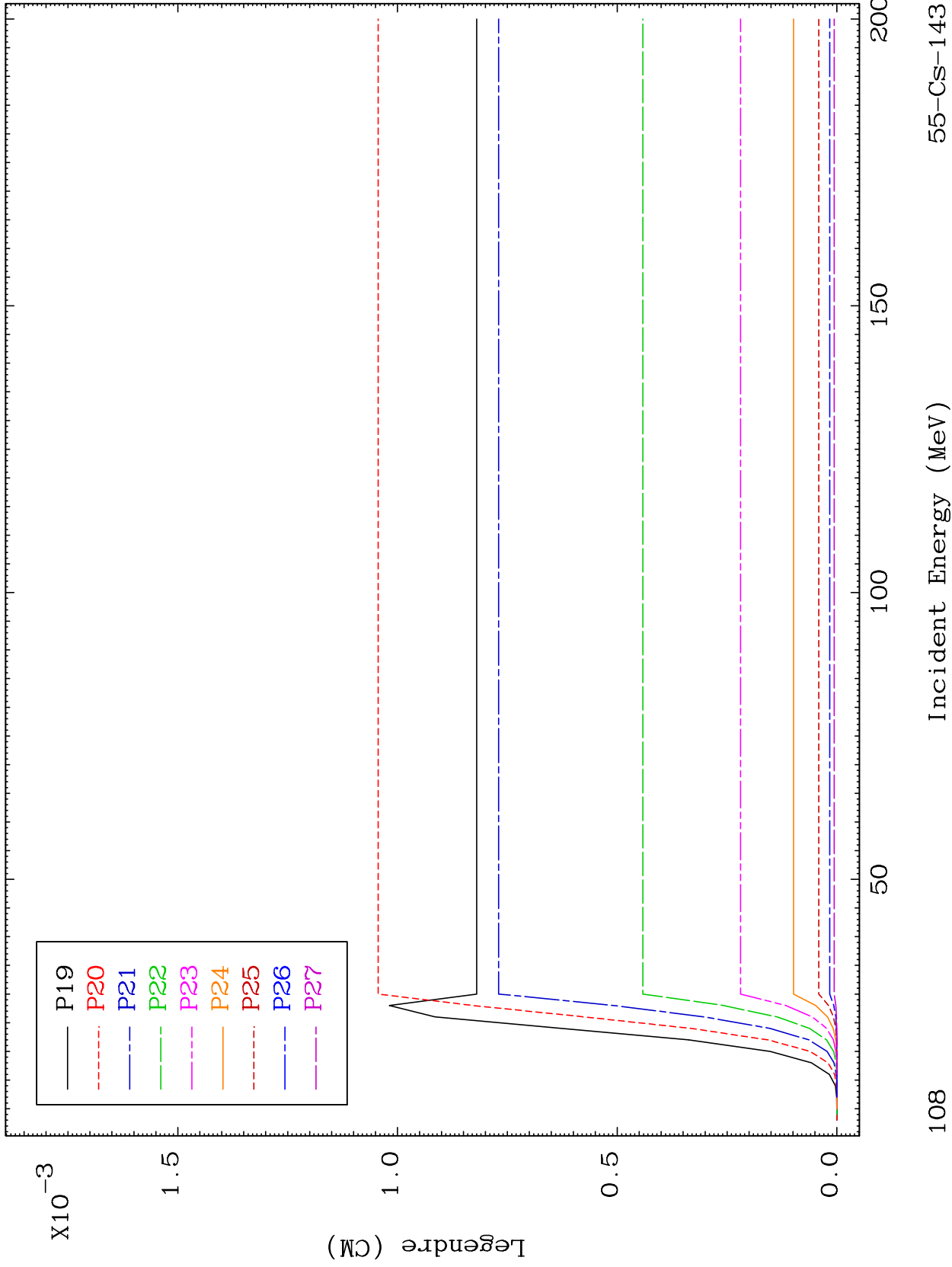


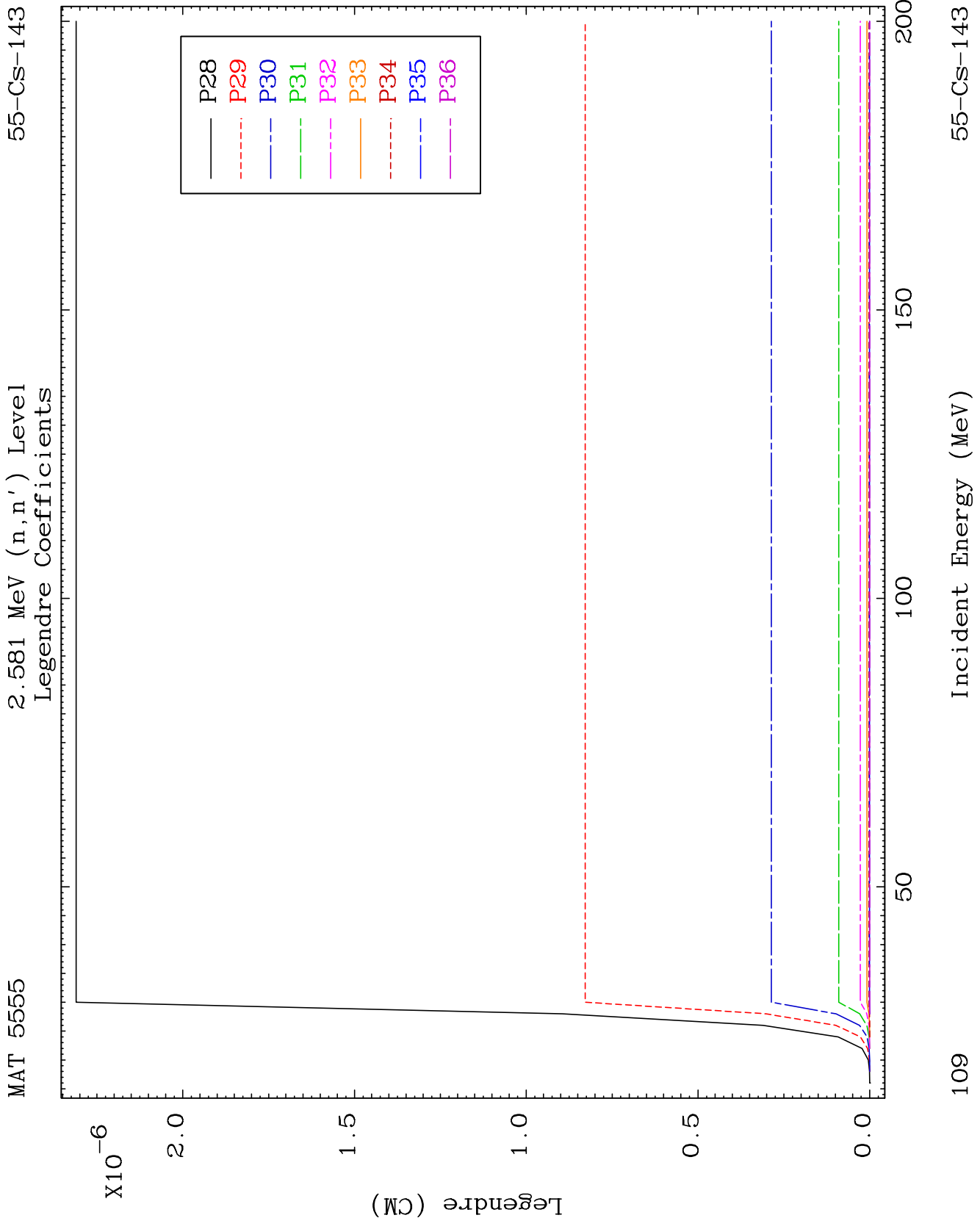


MAT 5555

2.581 MeV (n, n') Level
Legendre Coefficients

55-Cs-143

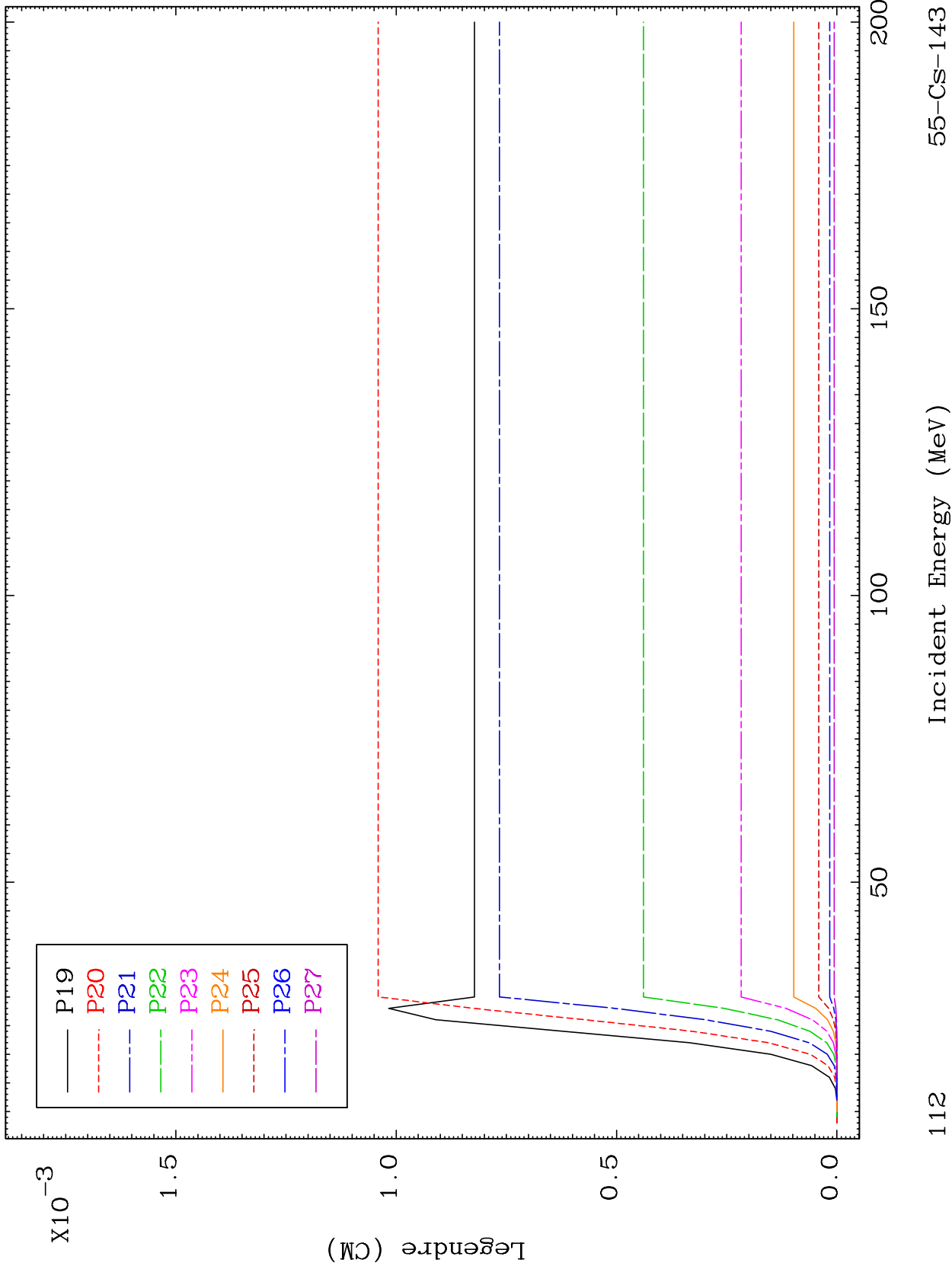




MAT 5555

2.627 MeV (n, n') Level
Legendre Coefficients

55-Cs-143



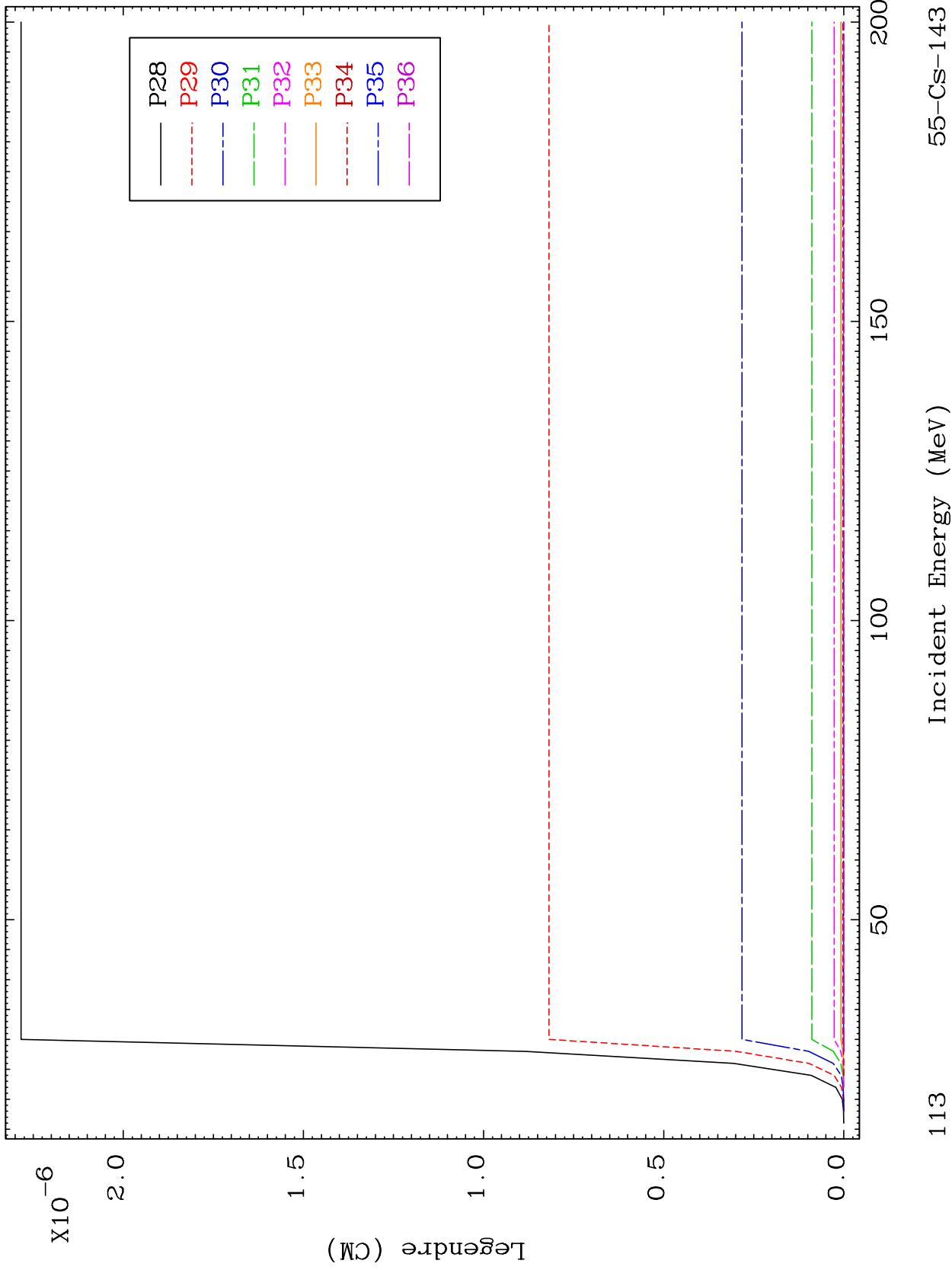
112

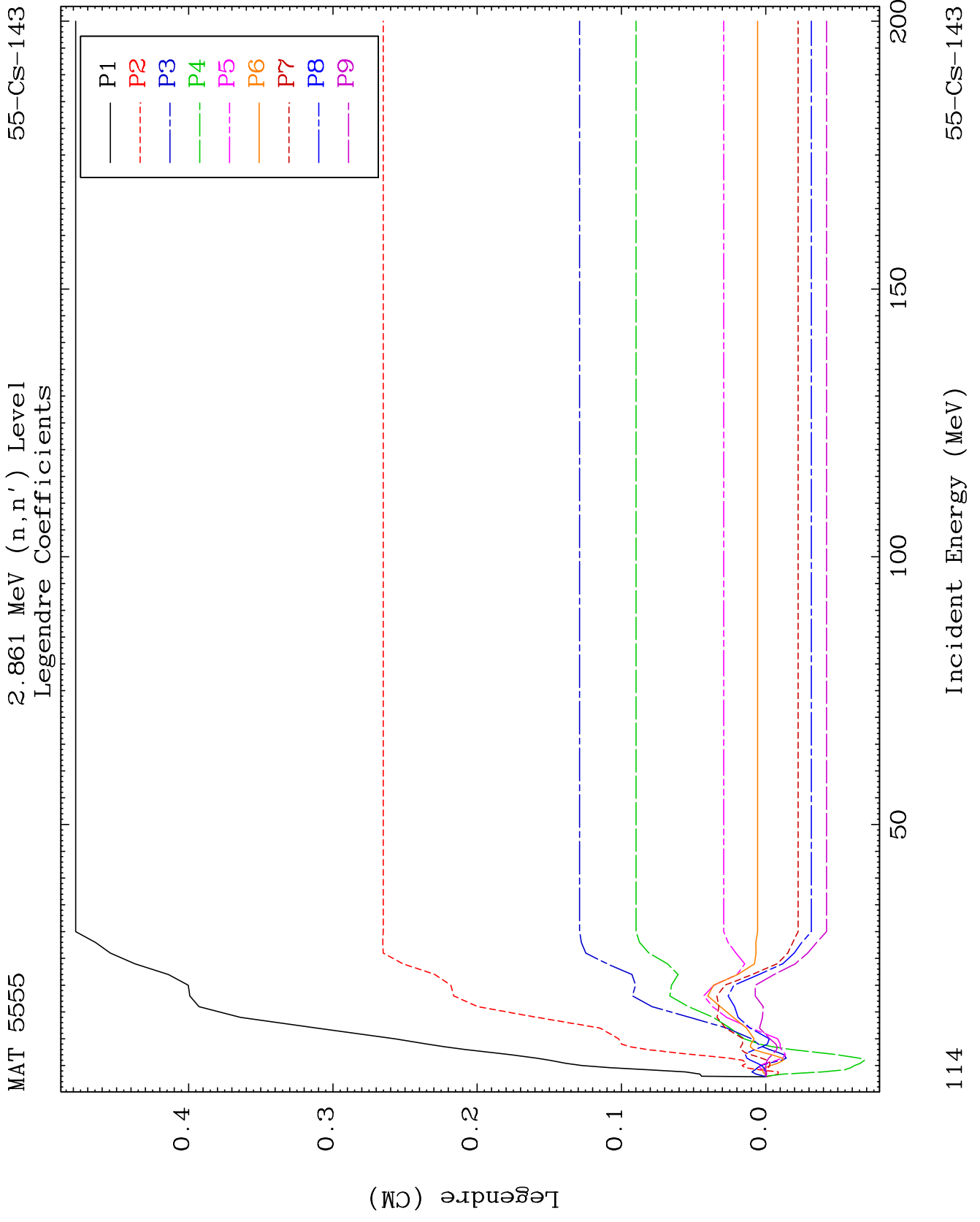
55-Cs-143

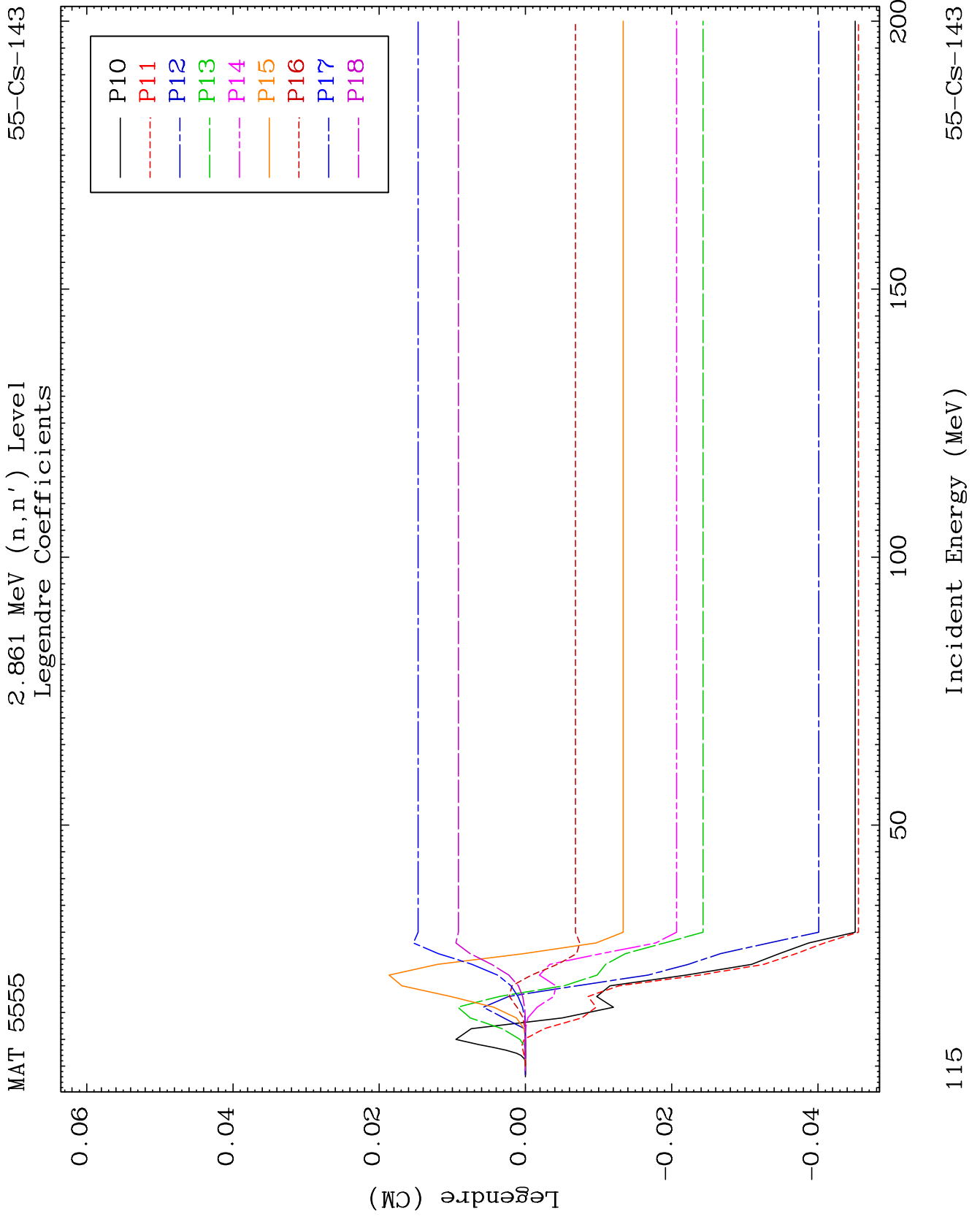
MAT 5555

2.627 MeV (n,n') Level
Legendre Coefficients

55-Cs-143



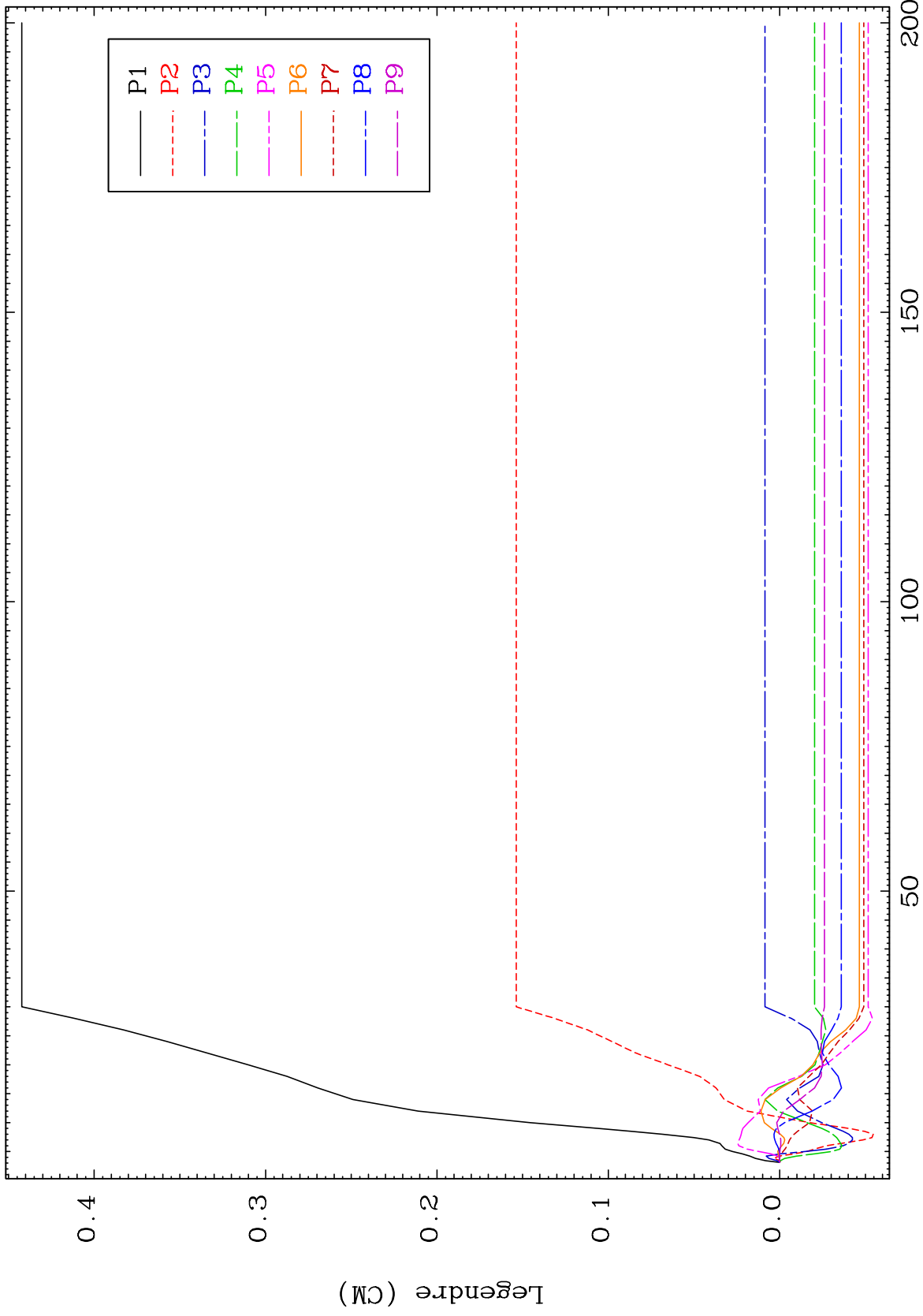




MAT 5555

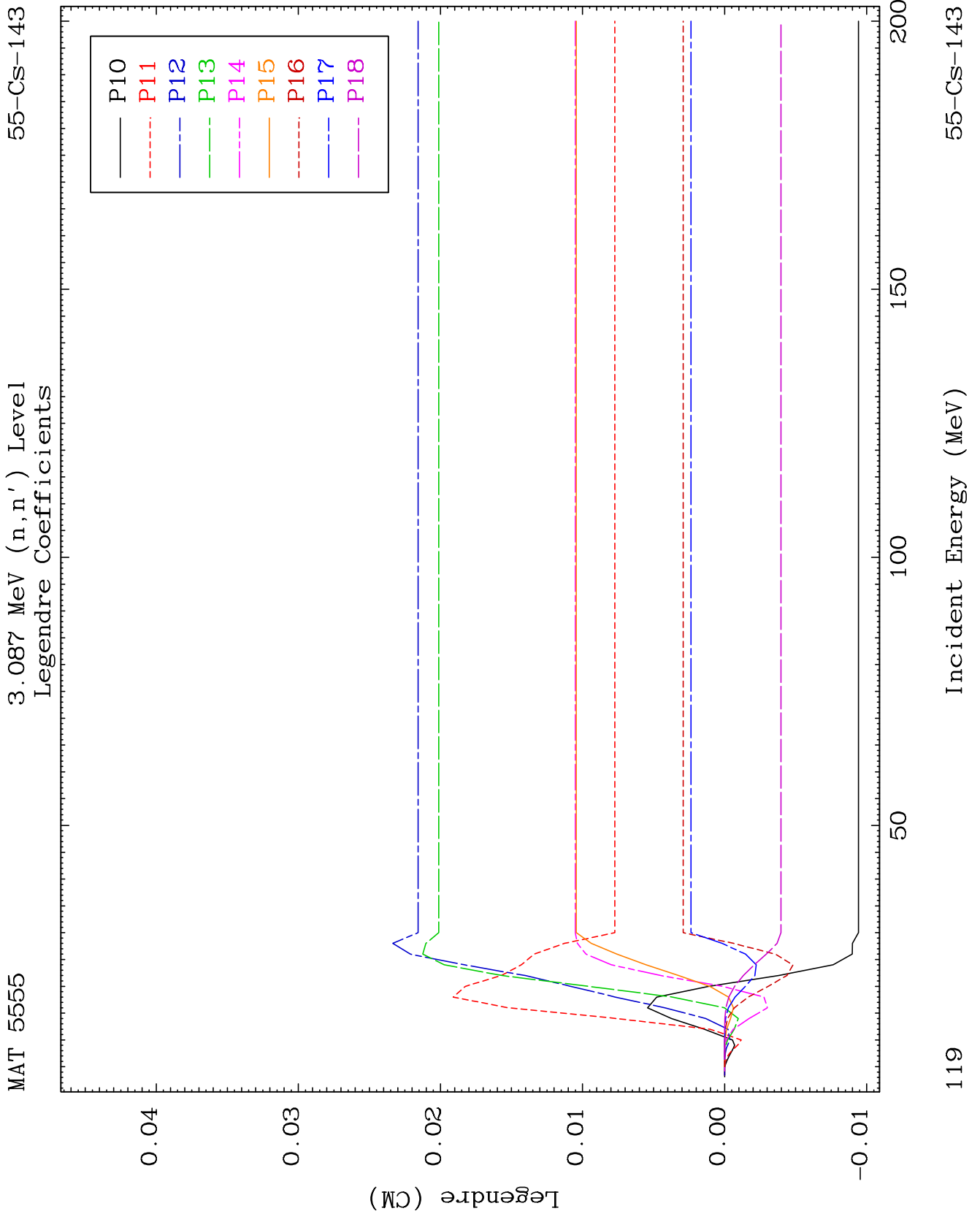
3.087 MeV (n,n') Level
Legendre Coefficients

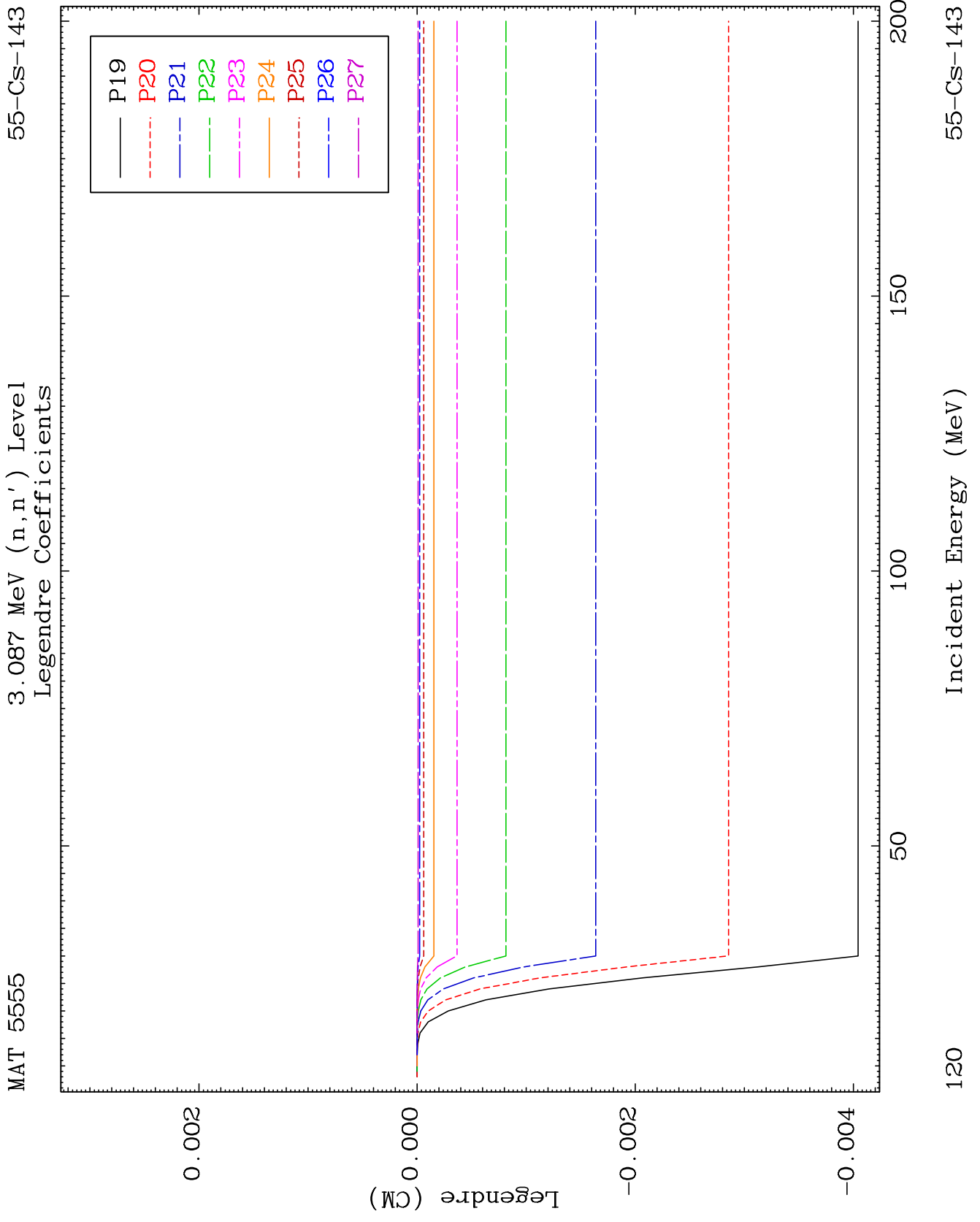
55-Cs-143

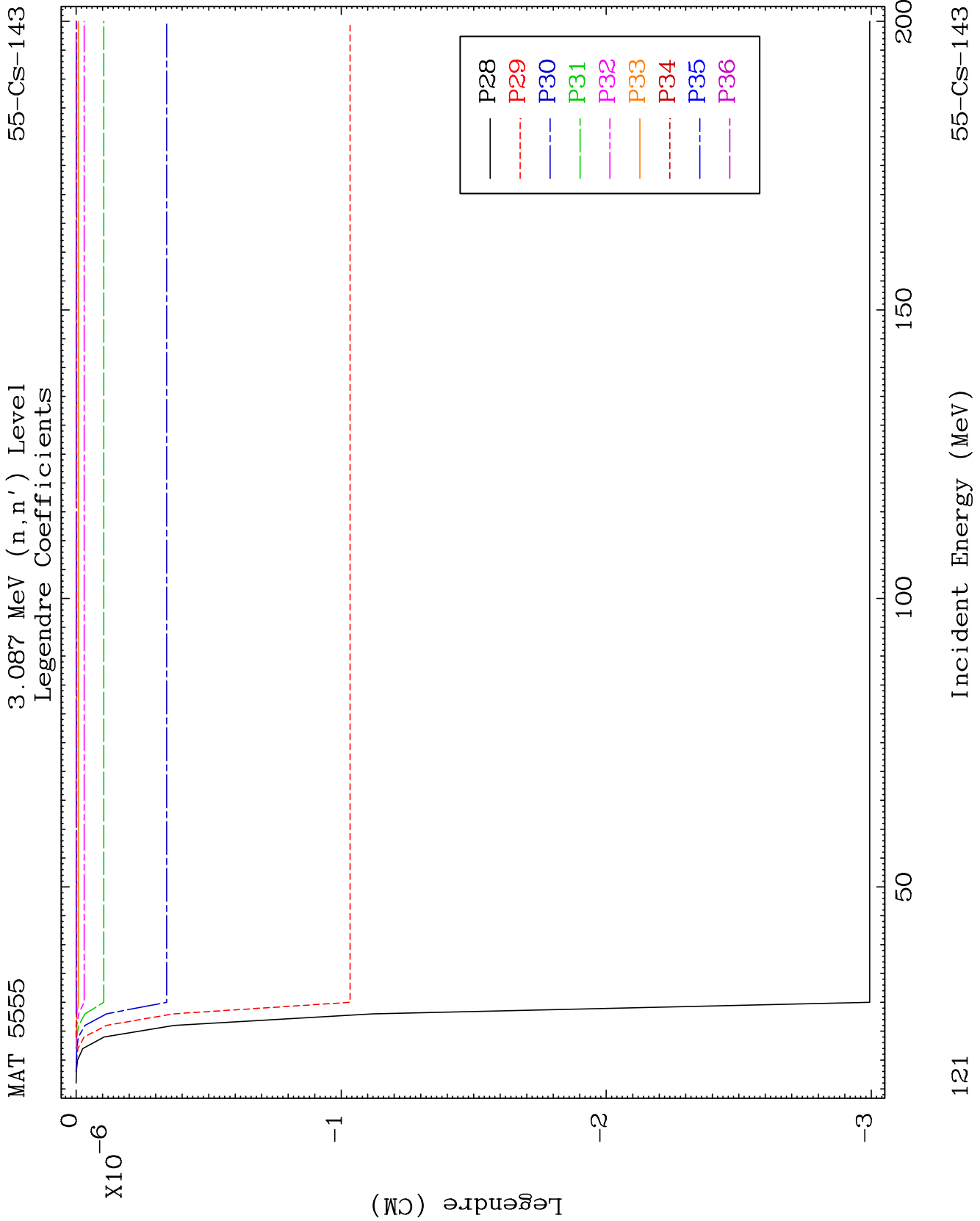


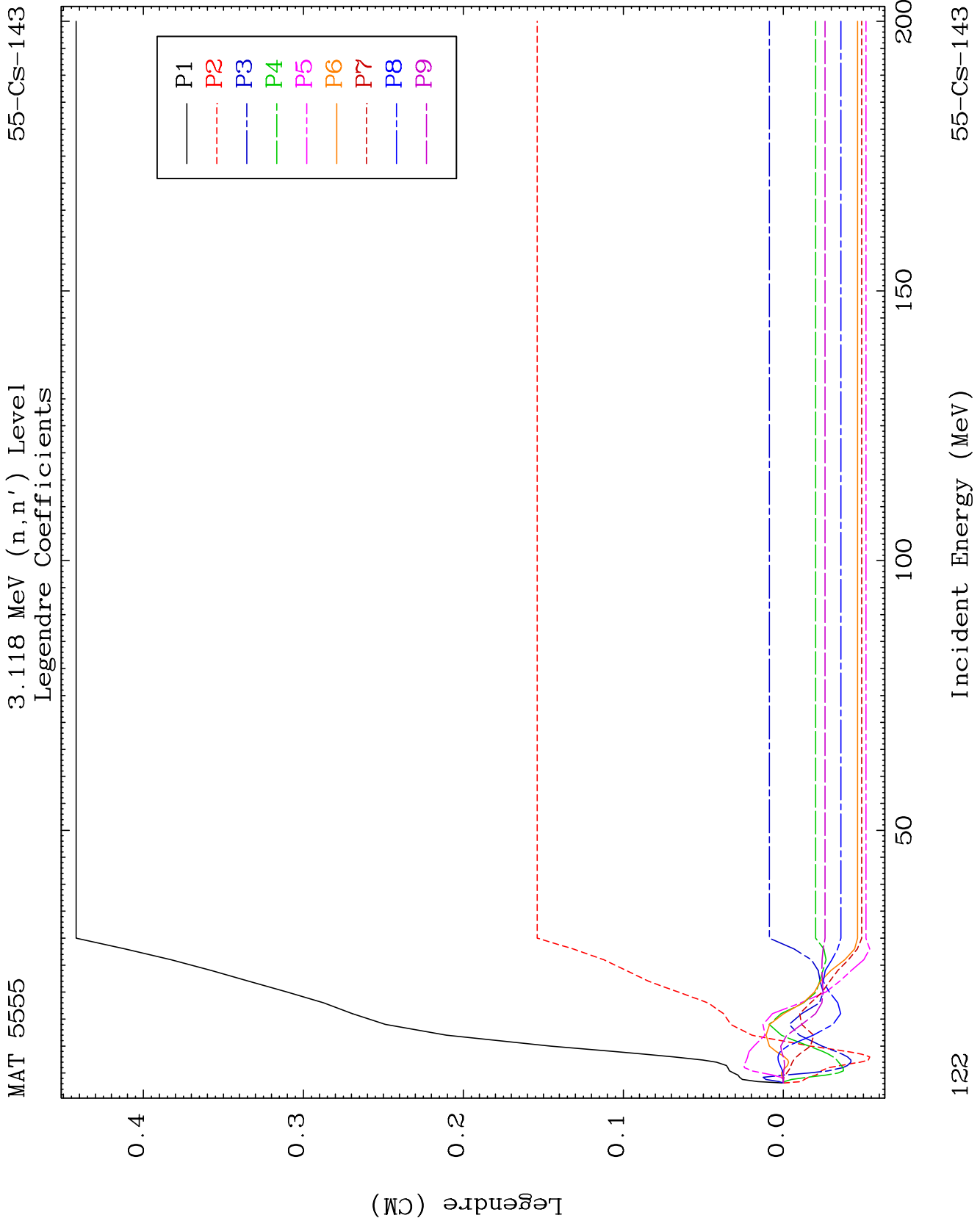
118

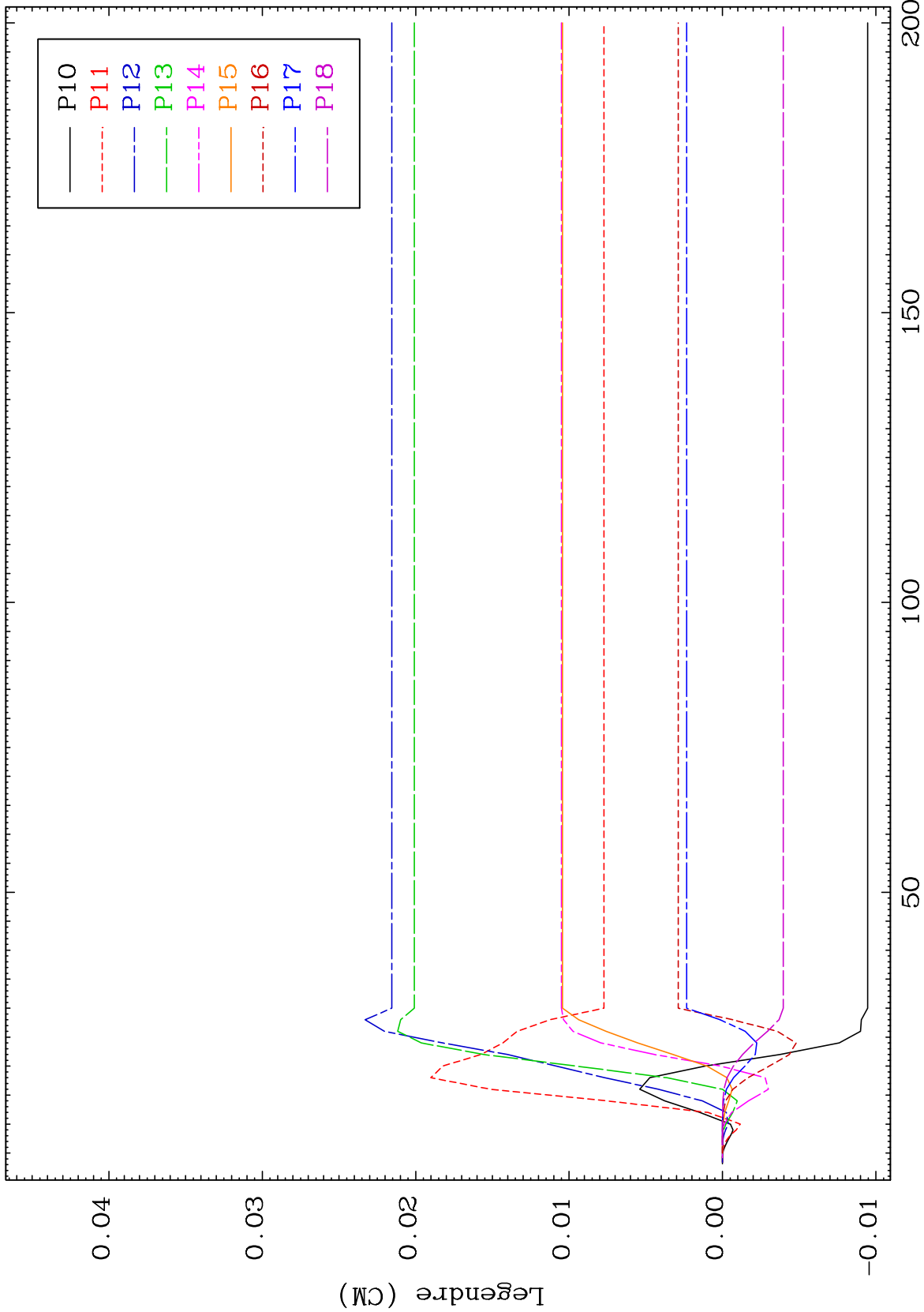
55-Cs-143

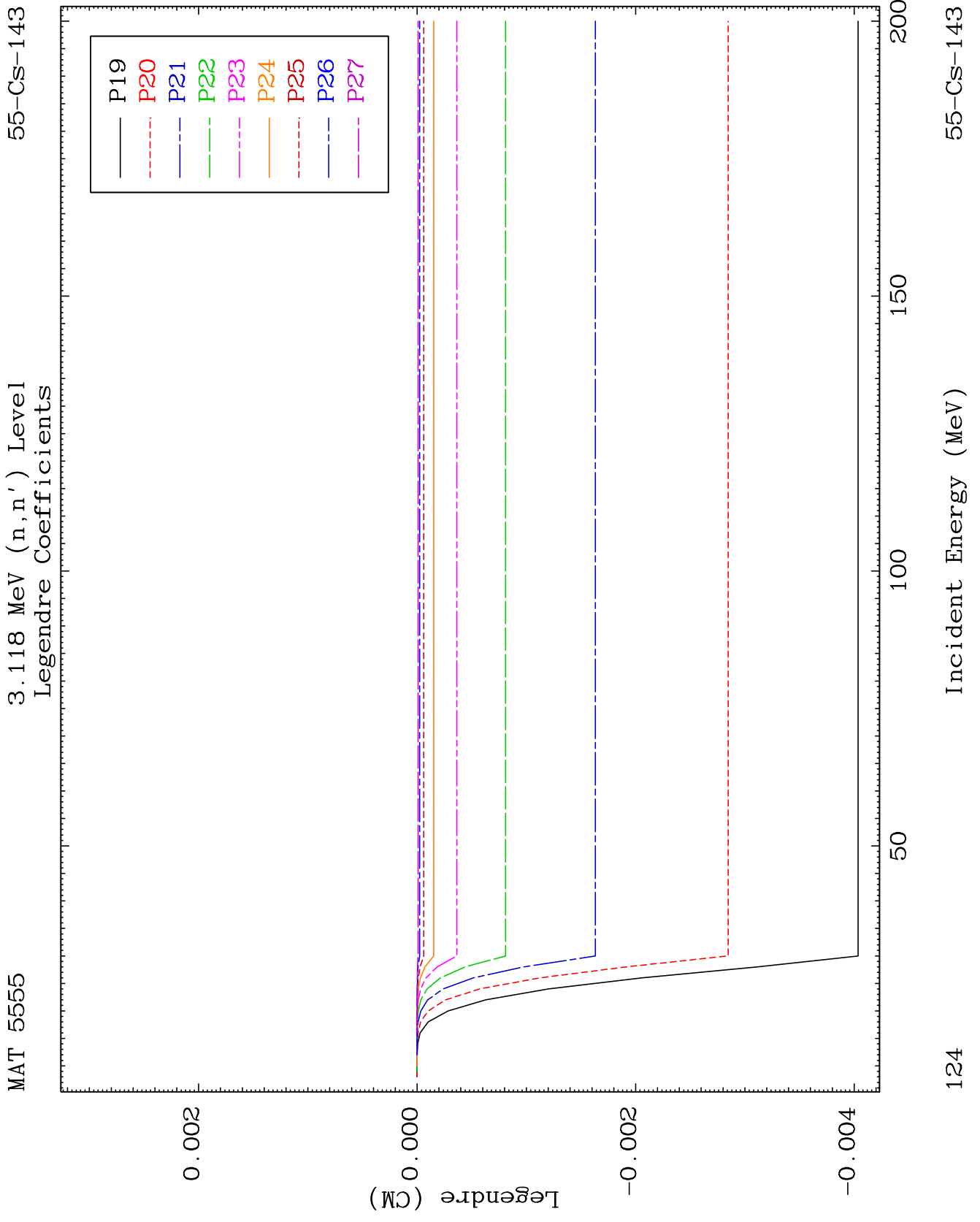


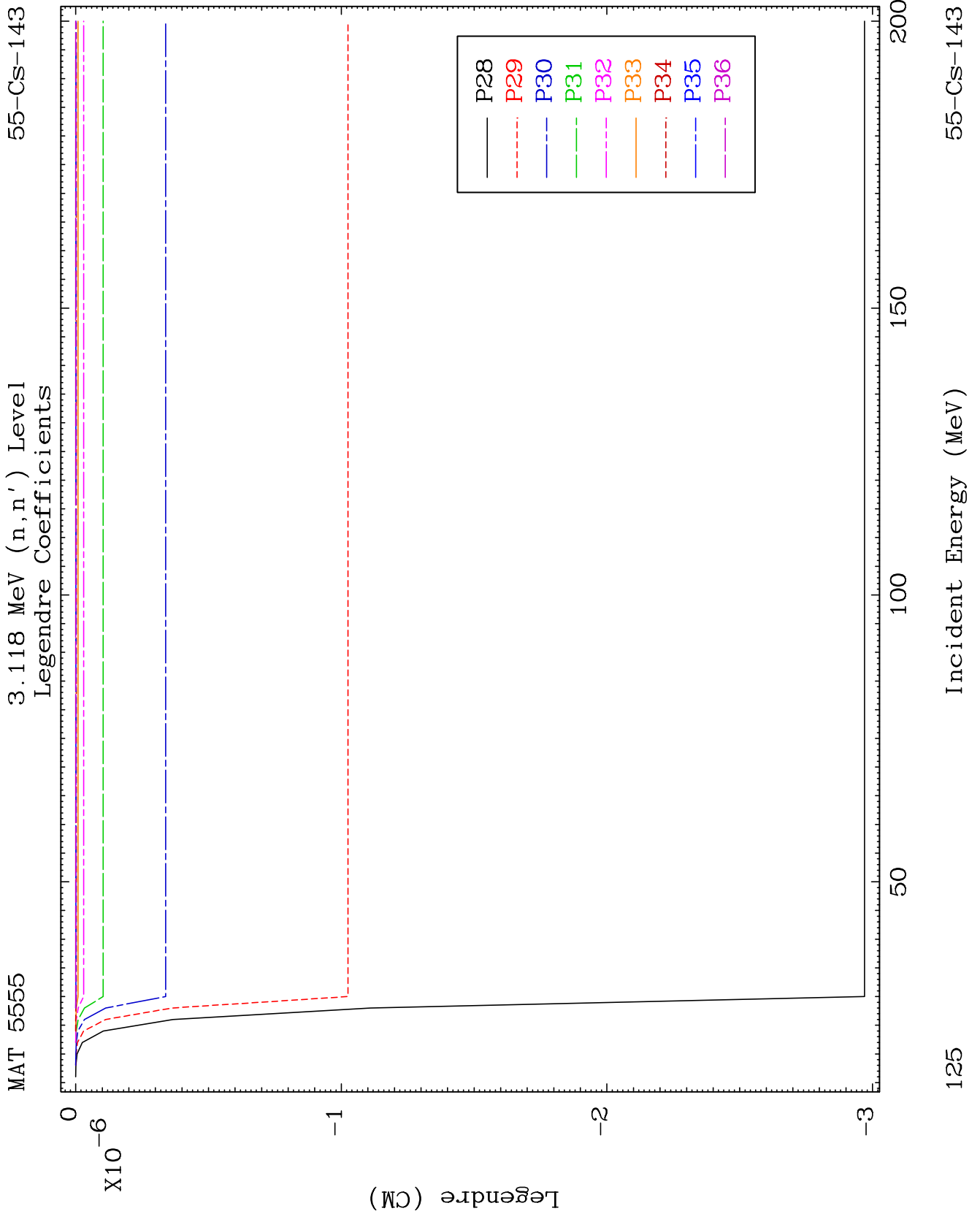








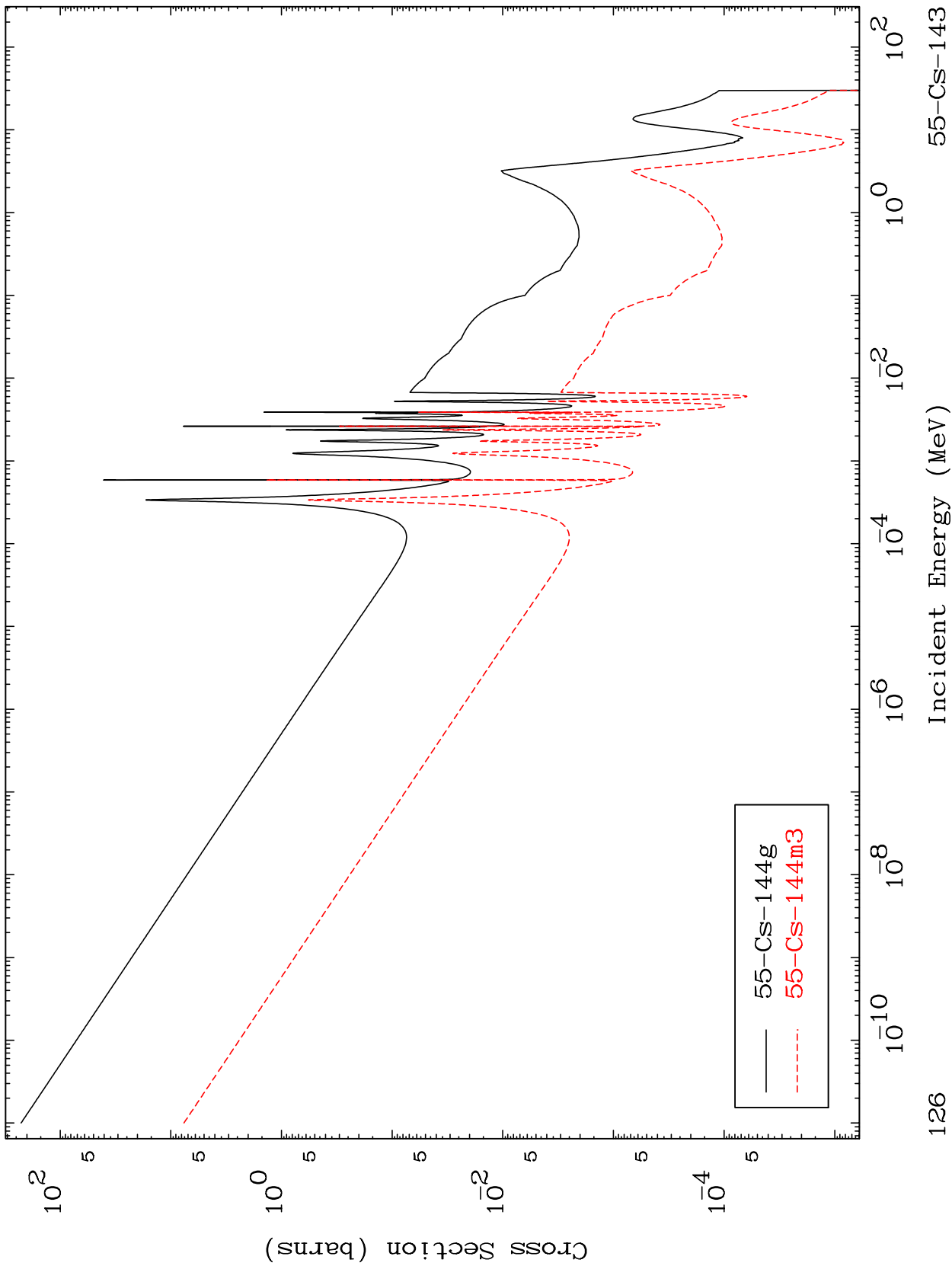




MAT 5555

55-Cs-143

(n, γ)
Radionuclide Production Cross Section



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55-Cs-143