

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

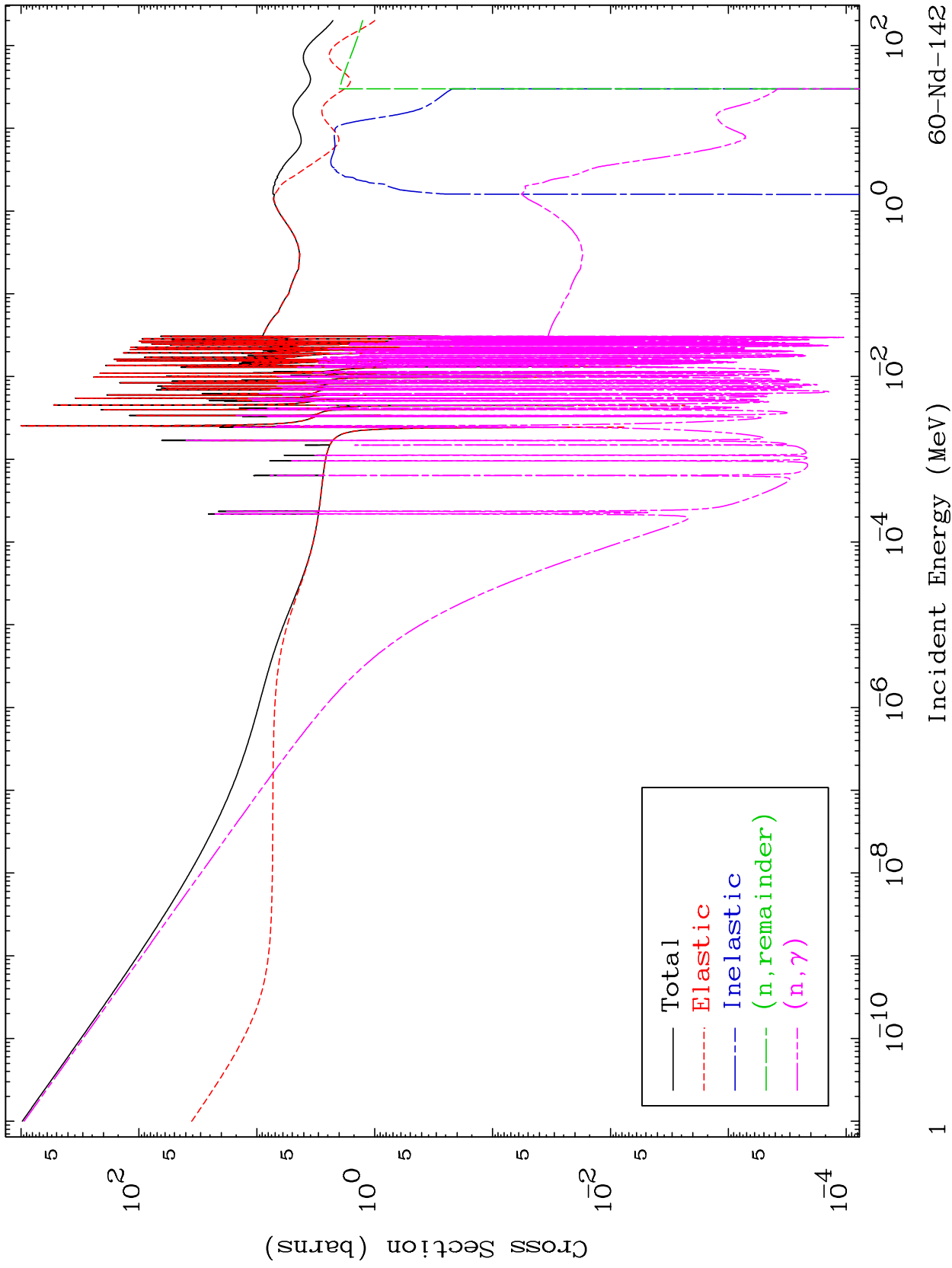
Press Mouse Button to Start

MAT 6025

Major

293 Kelvin Cross Sections

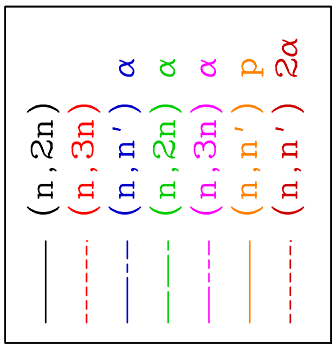
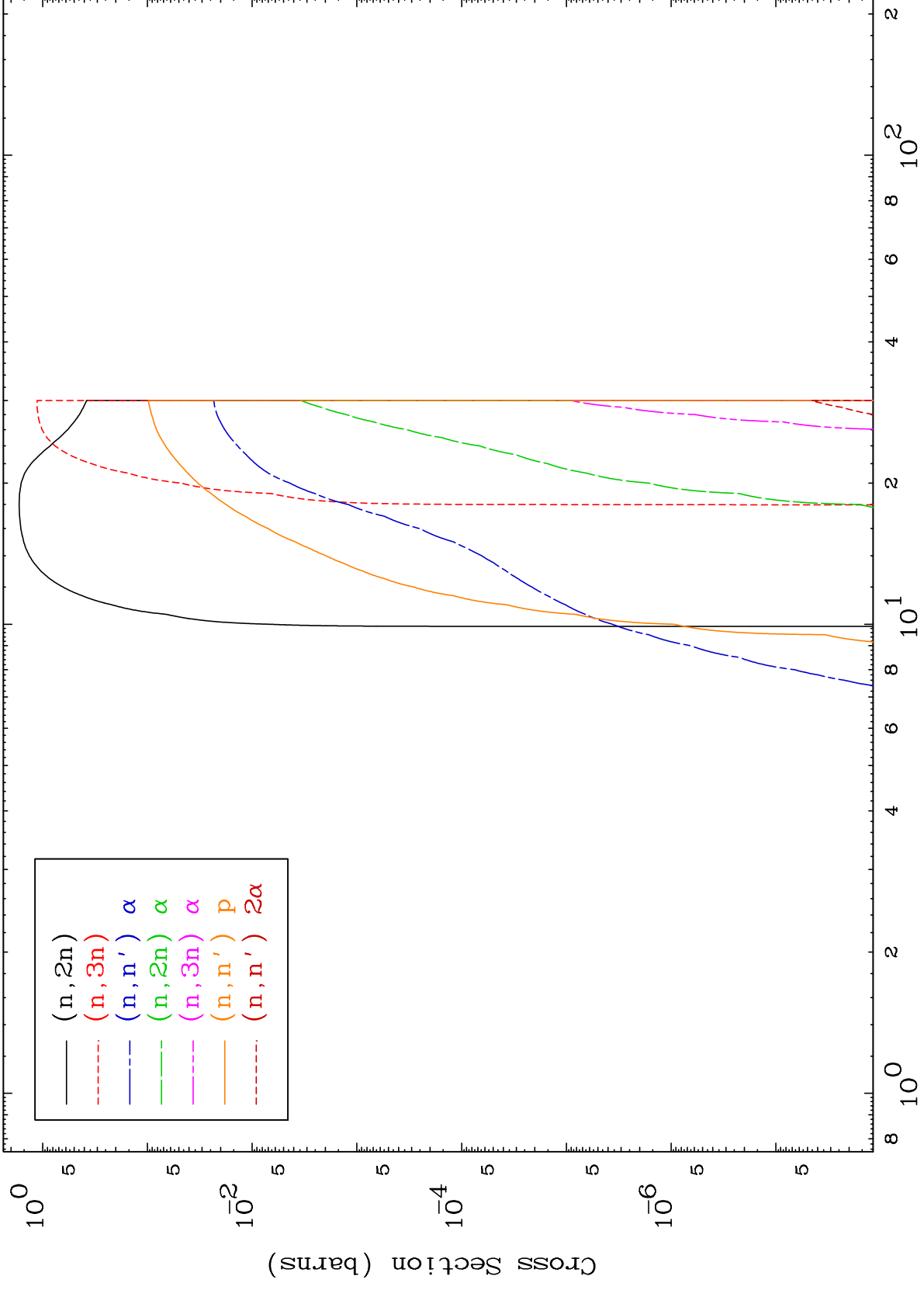
60-Nd-142



MAT 6025

Neutron Production
293 Kelvin Cross Sections

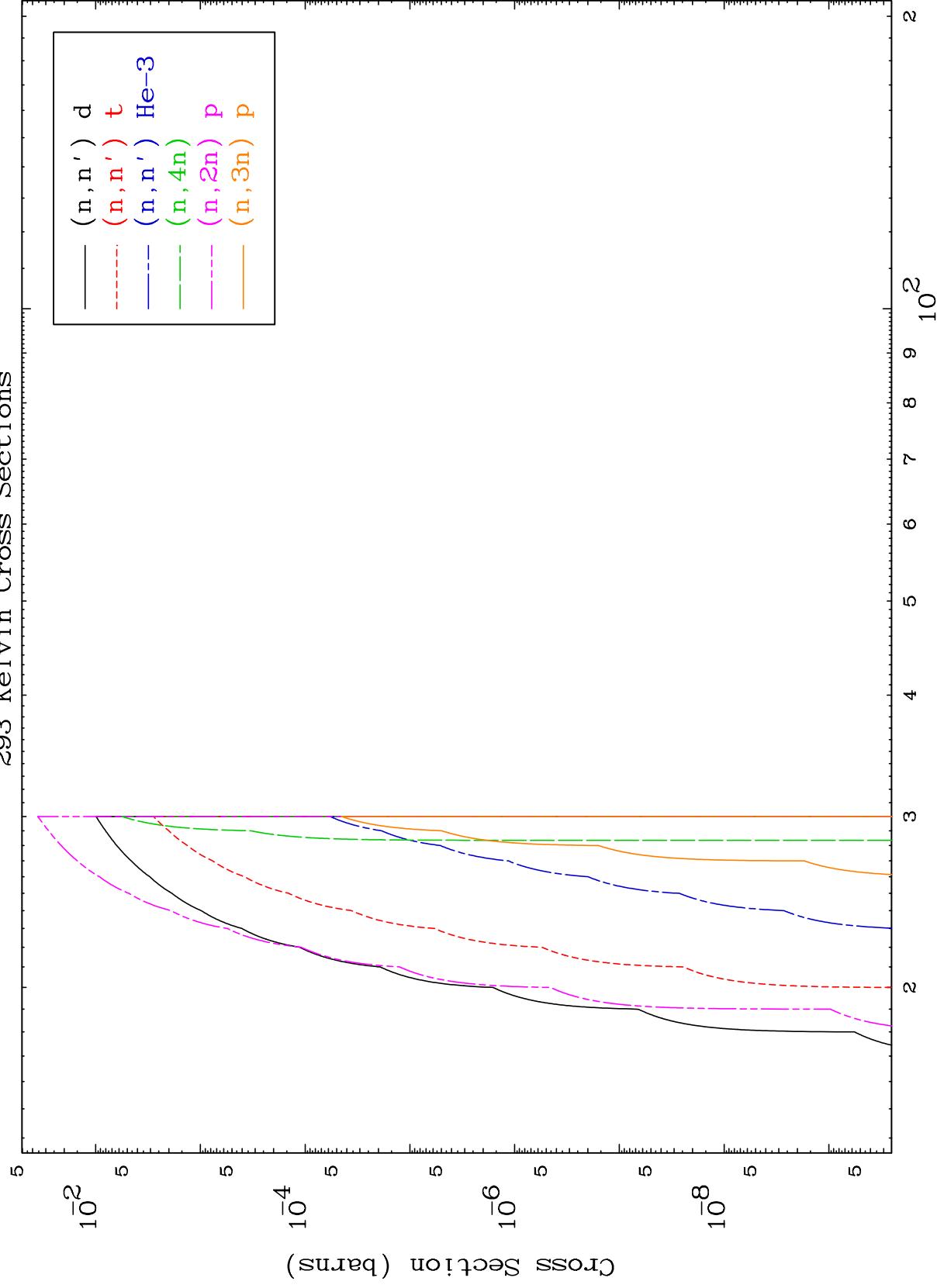
60-Nd-142



60-Nd-142

Incident Energy (MeV)

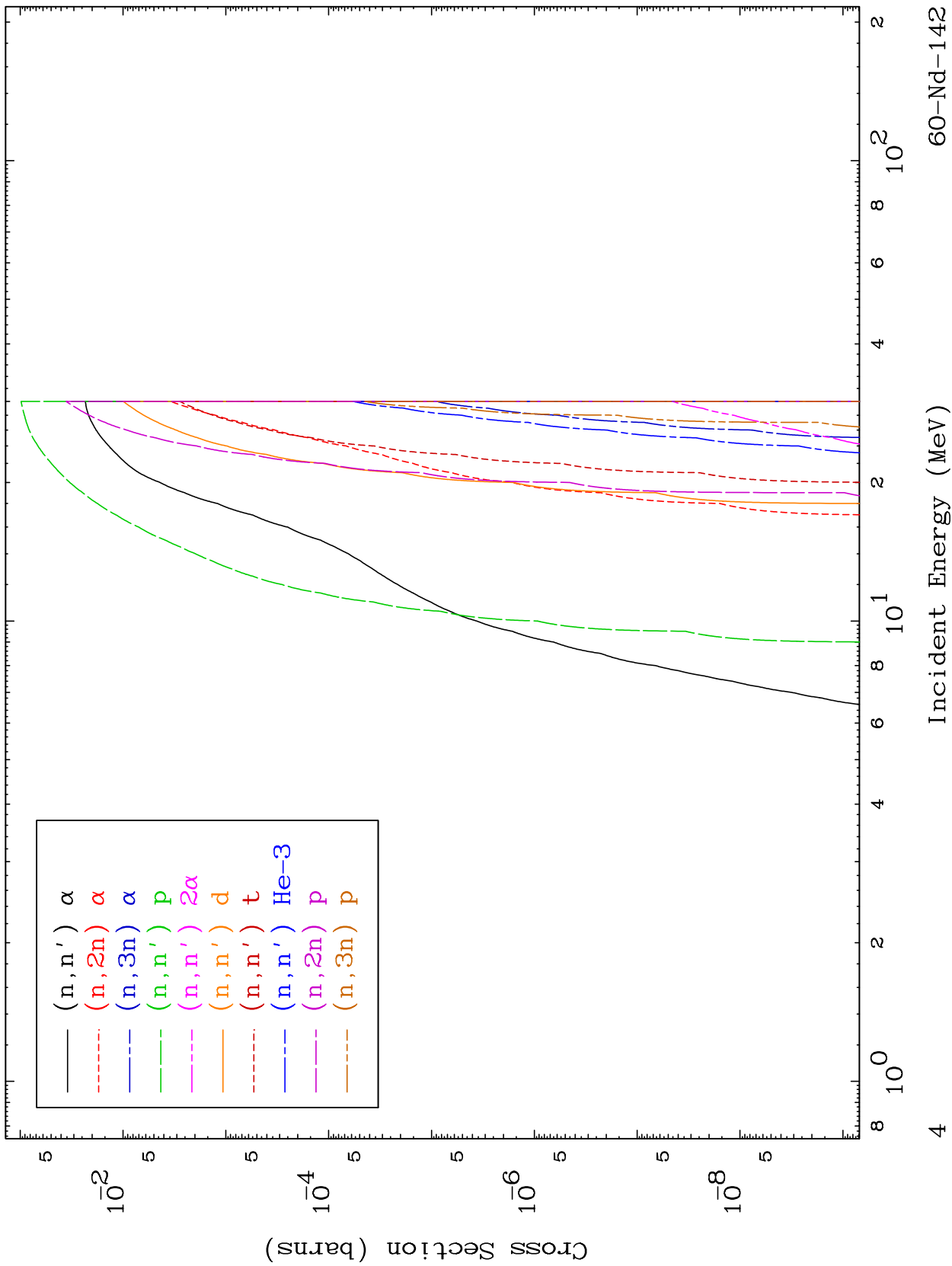
2



MAT 6025

Charged Particle
293 Kelvin Cross Sections

60-Nd-142

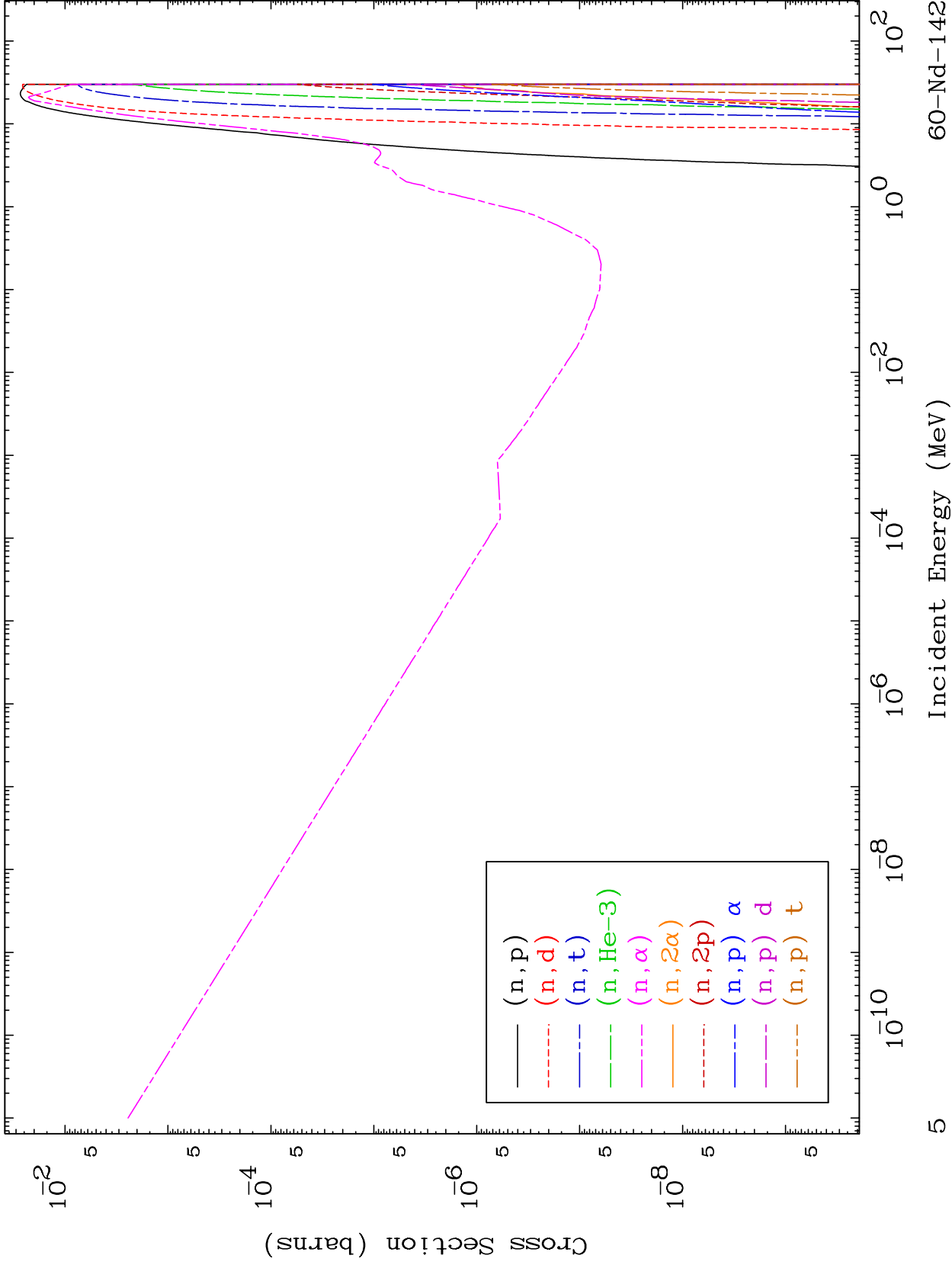


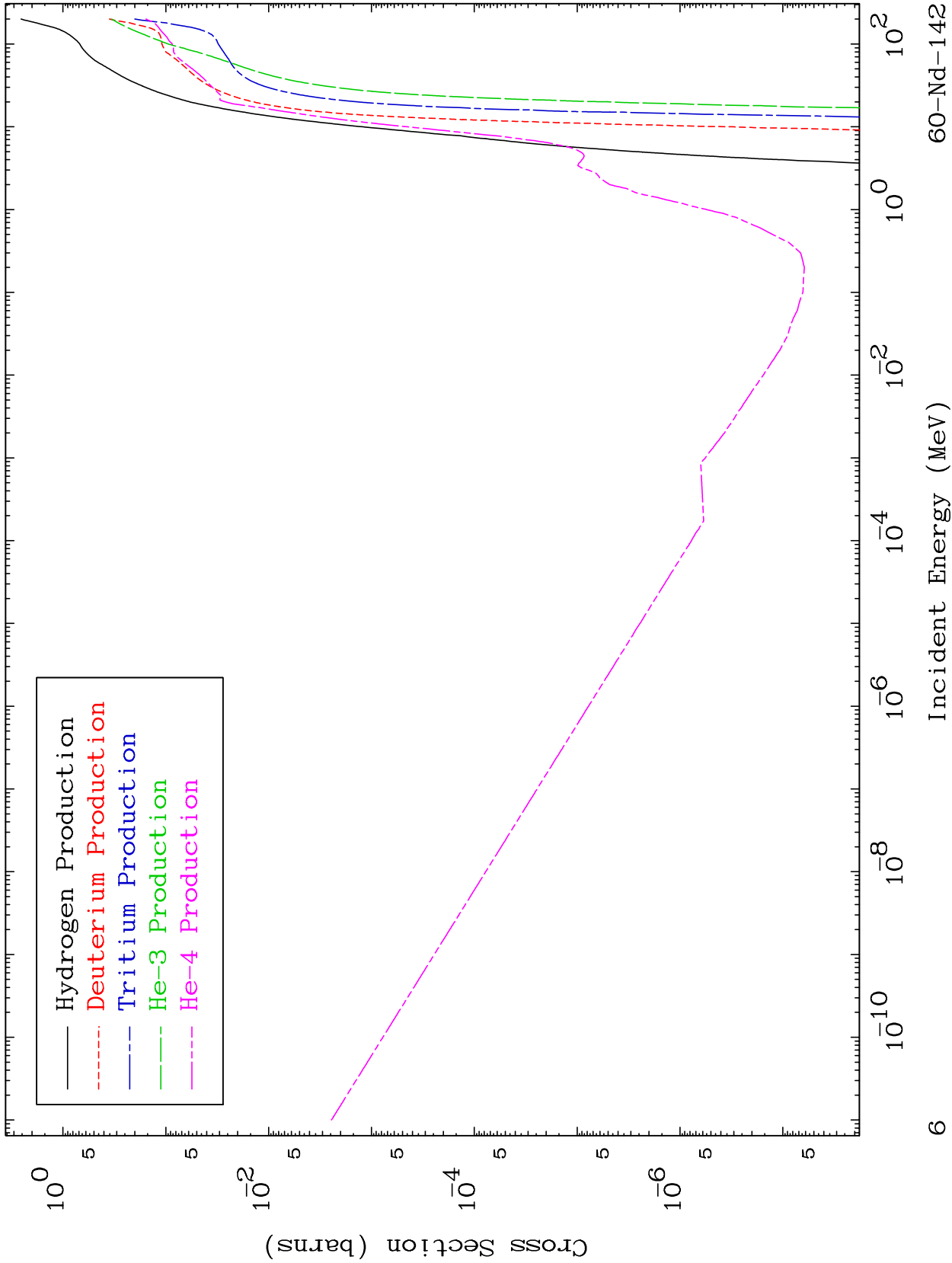
60-Nd-142

MAT 6025

Charged Particle
293 Kelvin Cross Sections

60-Nd-142

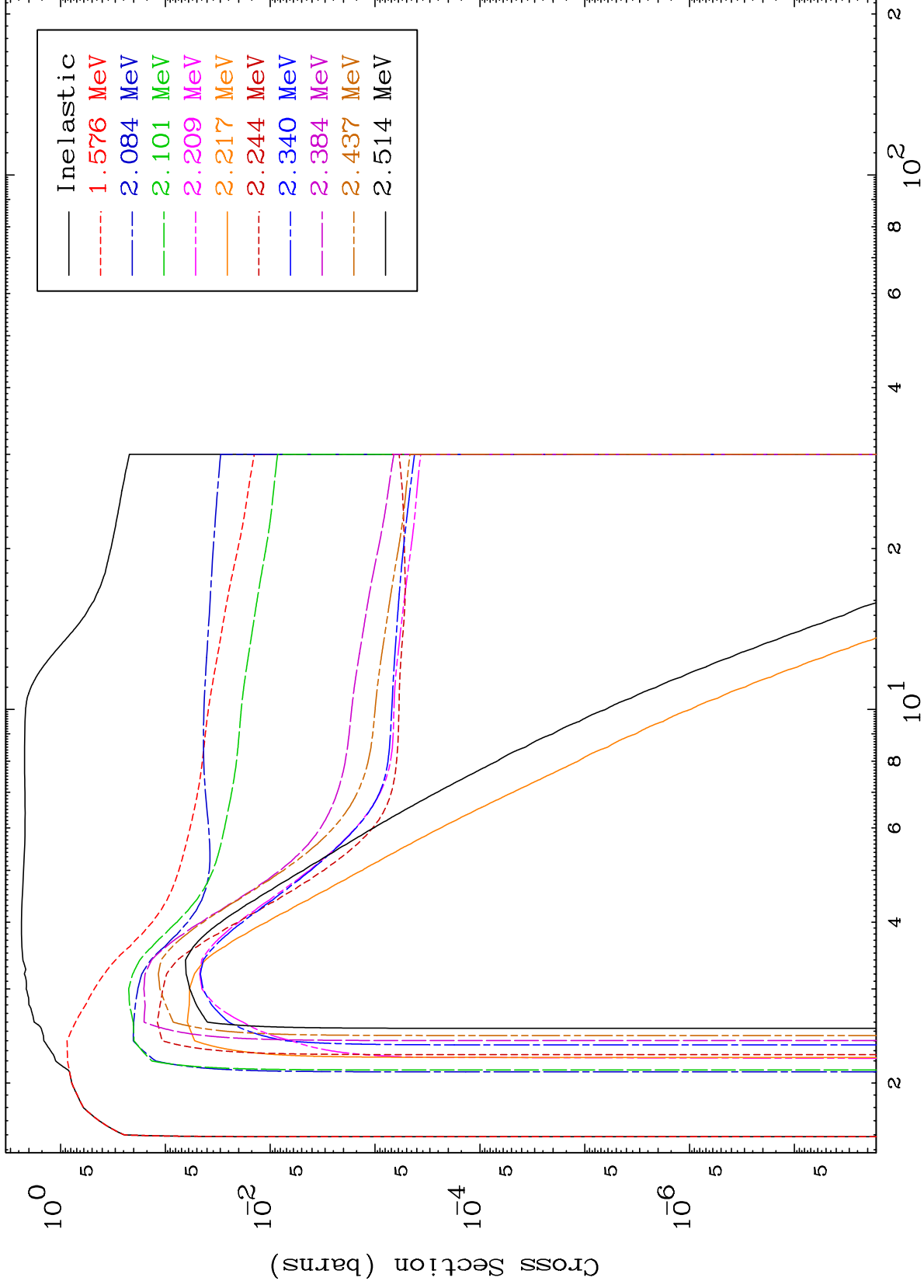




MAT 6025

(n,n') Level
293 Kelvin Cross Sections

60-Nd-142



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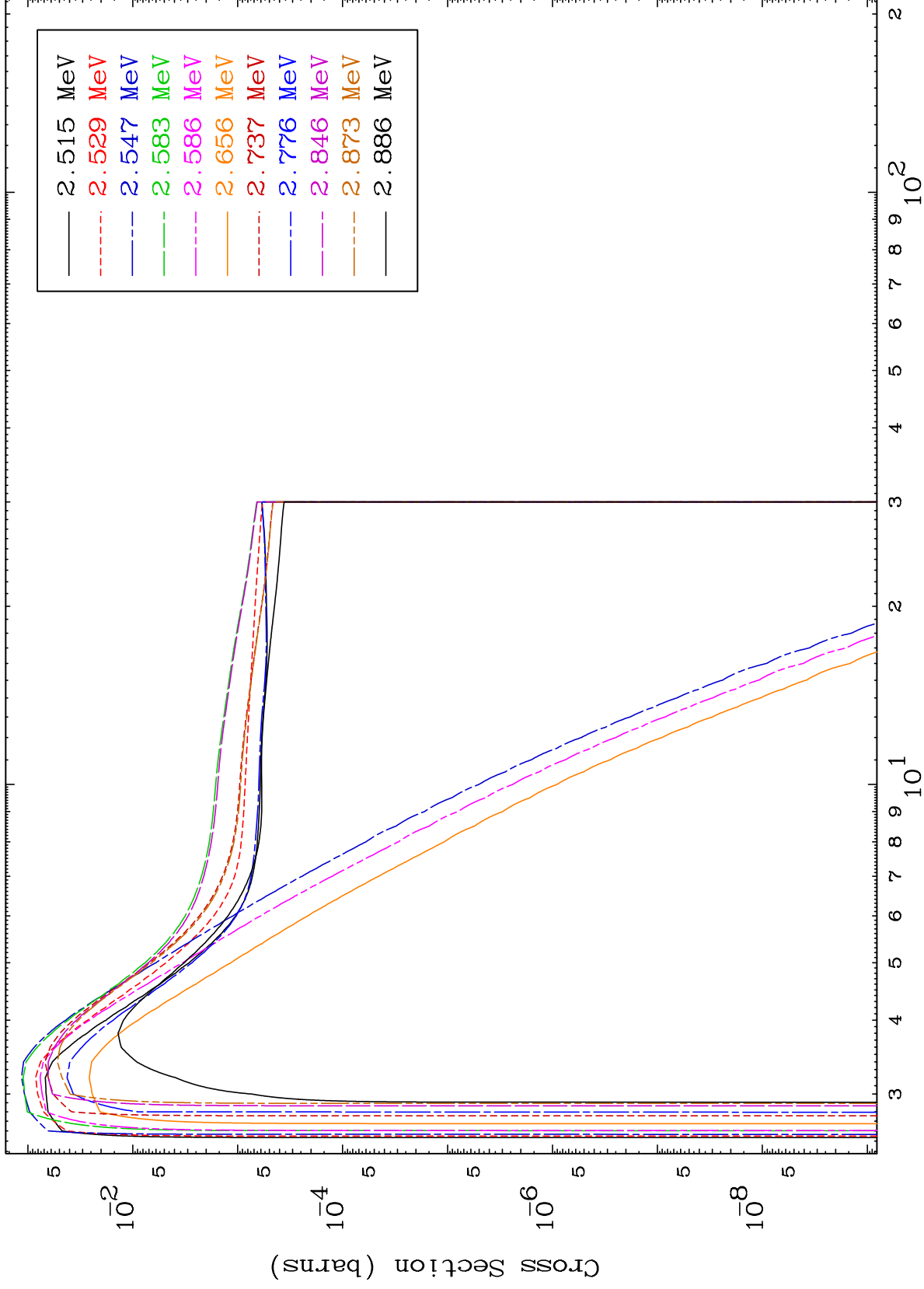
Incident Energy (MeV)

60-Nd-142

MAT 6025

(n,n') Level
293 Kelvin Cross Sections

60-Nd-142



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Incident Energy (MeV)

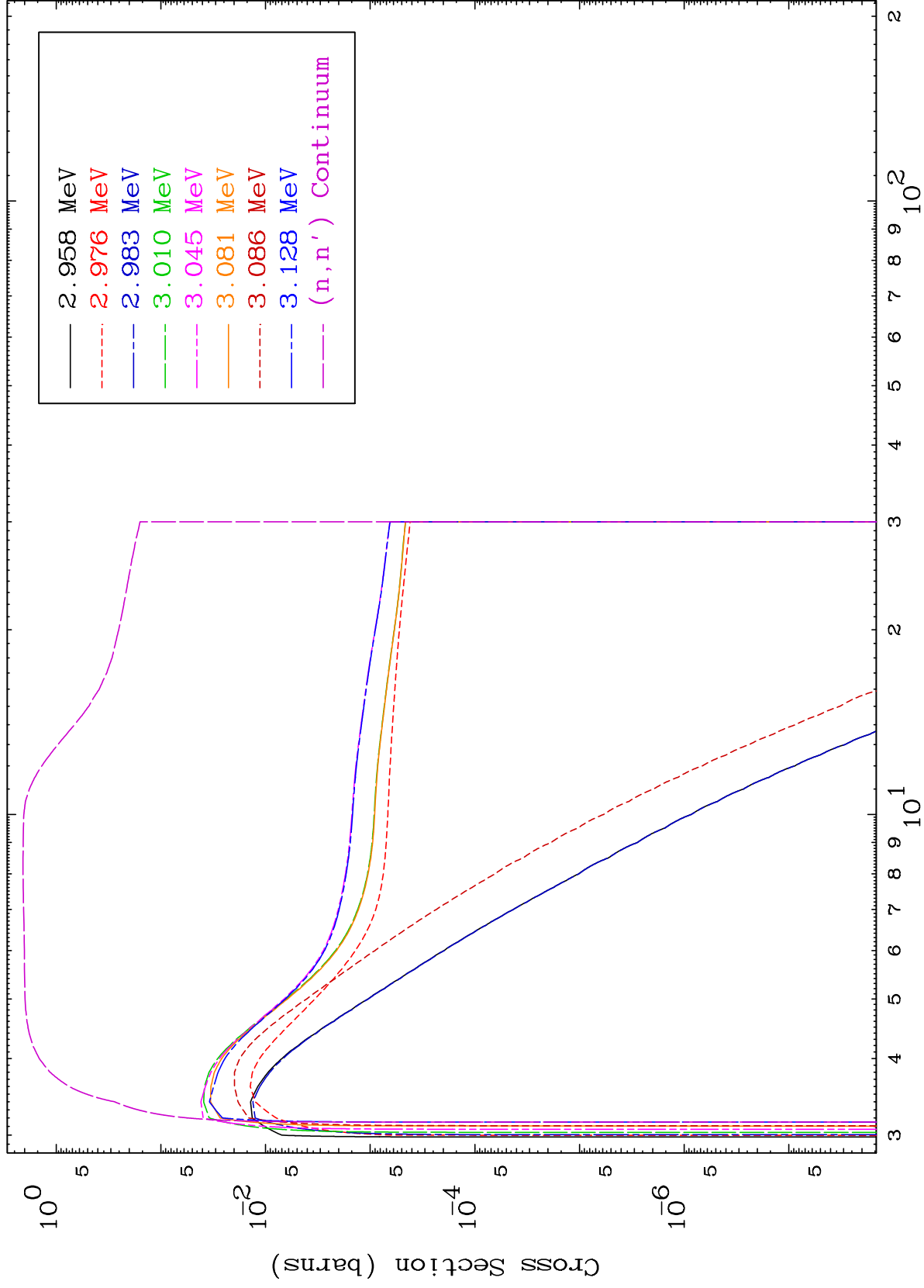
60-Nd-142

MAT 6025

(n,n') Level

293 Kelvin Cross Sections

60-Nd-142



9

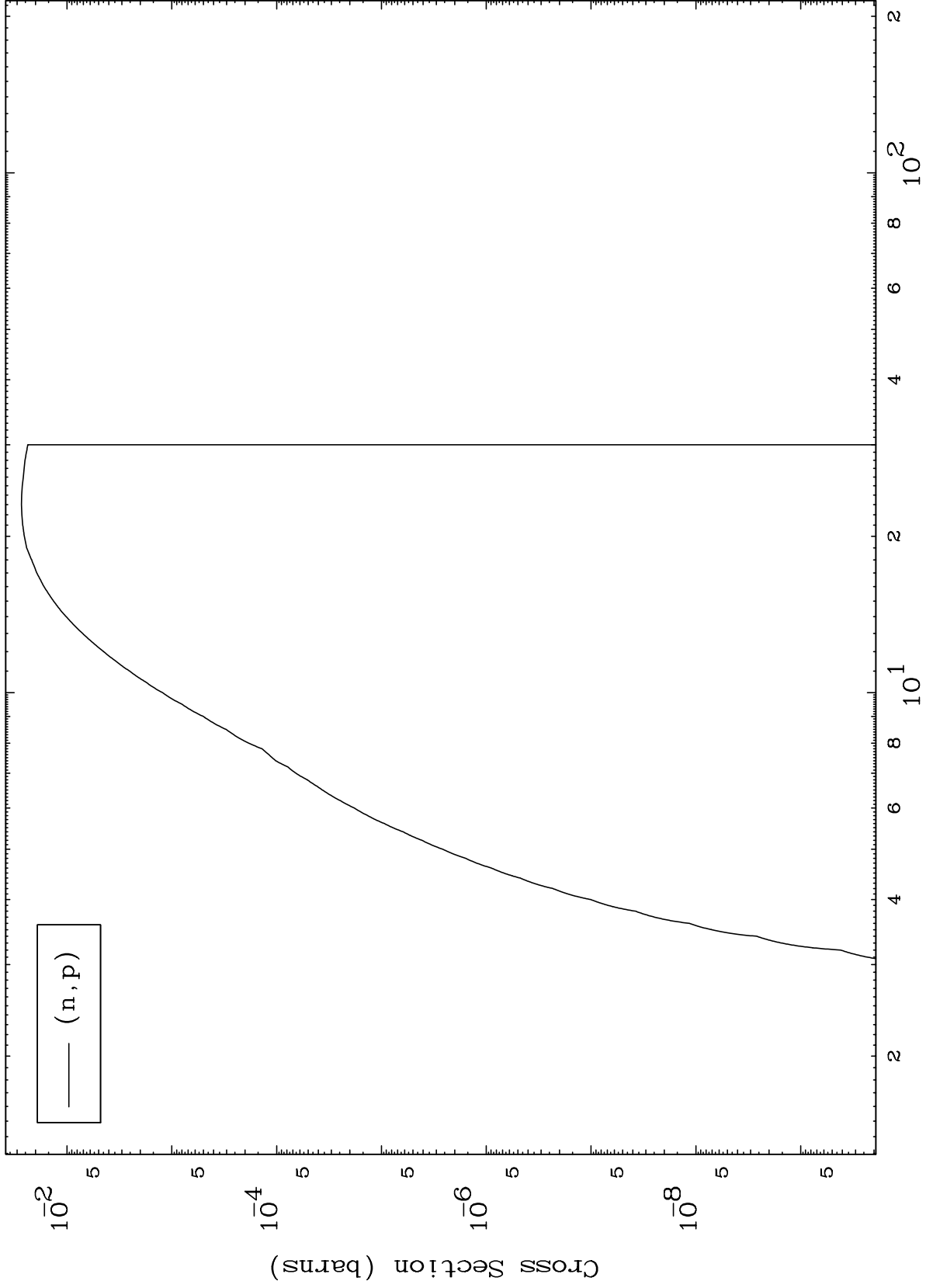
Incident Energy (MeV)

60-Nd-142

MAT 6025

(n,p) Levels
293 Kelvin Cross Sections

60-Nd-142



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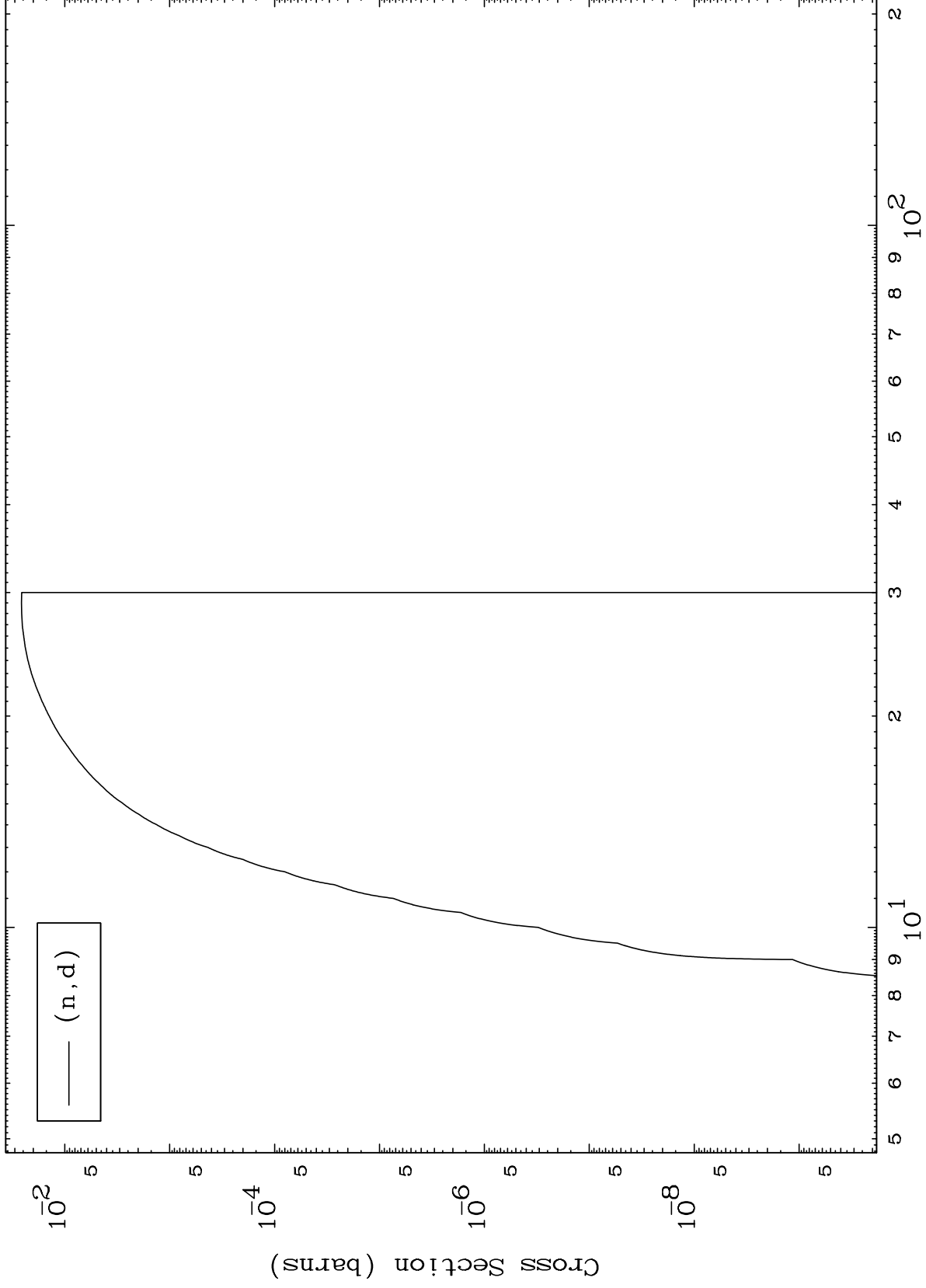
Incident Energy (MeV)

60-Nd-142

MAT 6025

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-142



11

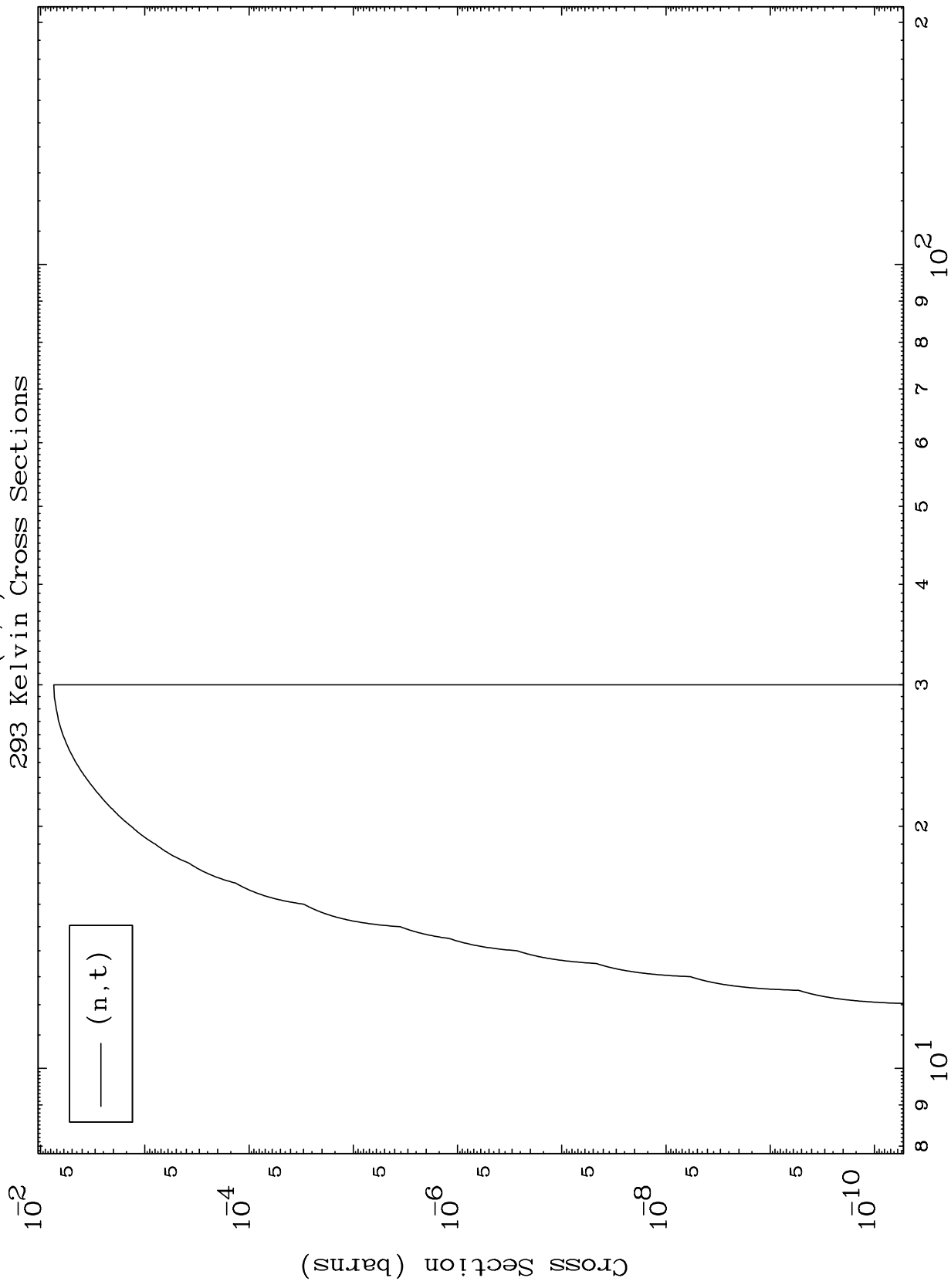
Incident Energy (MeV)

60-Nd-142

MAT 6025

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-142



12

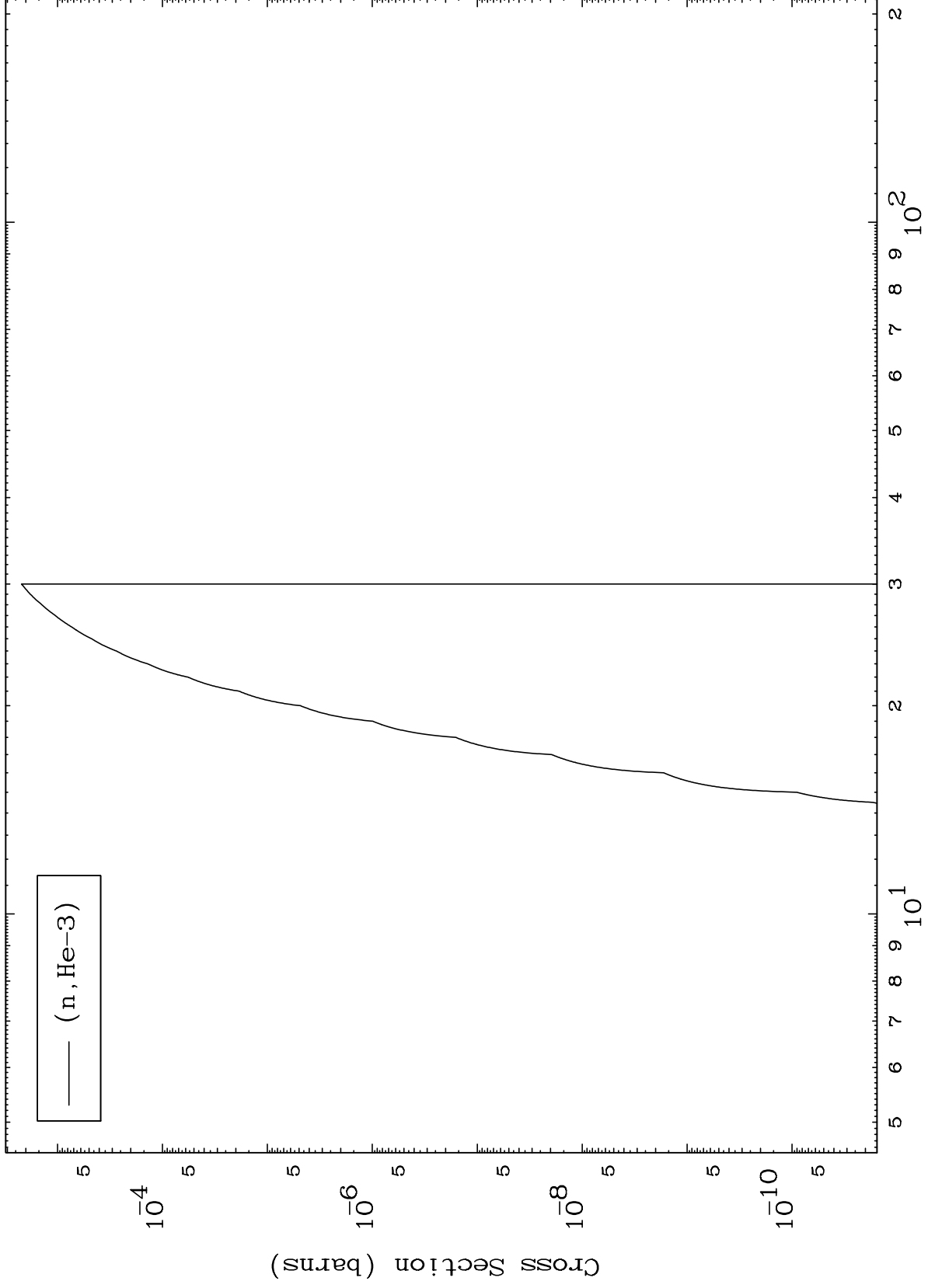
Incident Energy (MeV)

60-Nd-142

MAT 6025

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-142



13

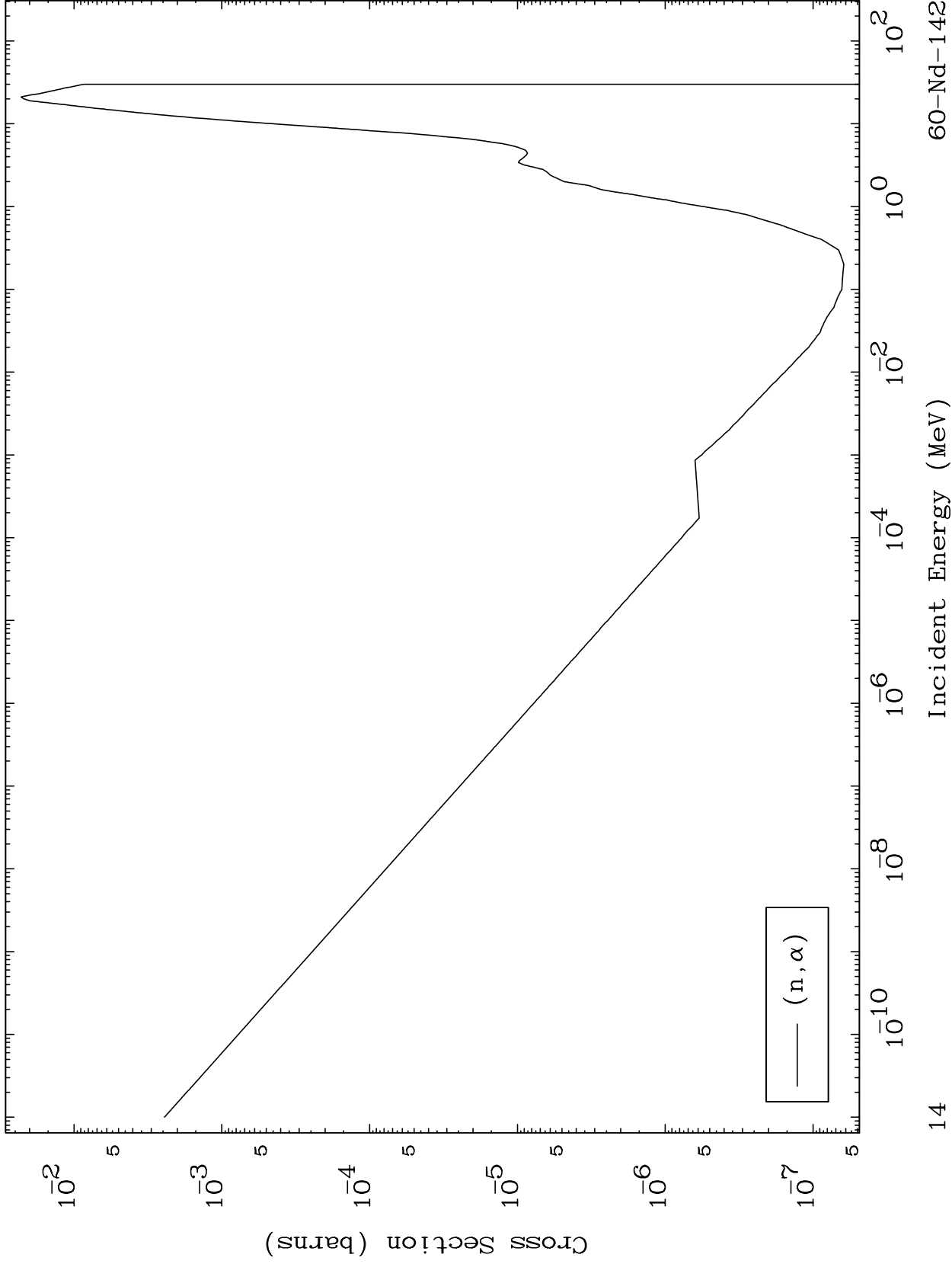
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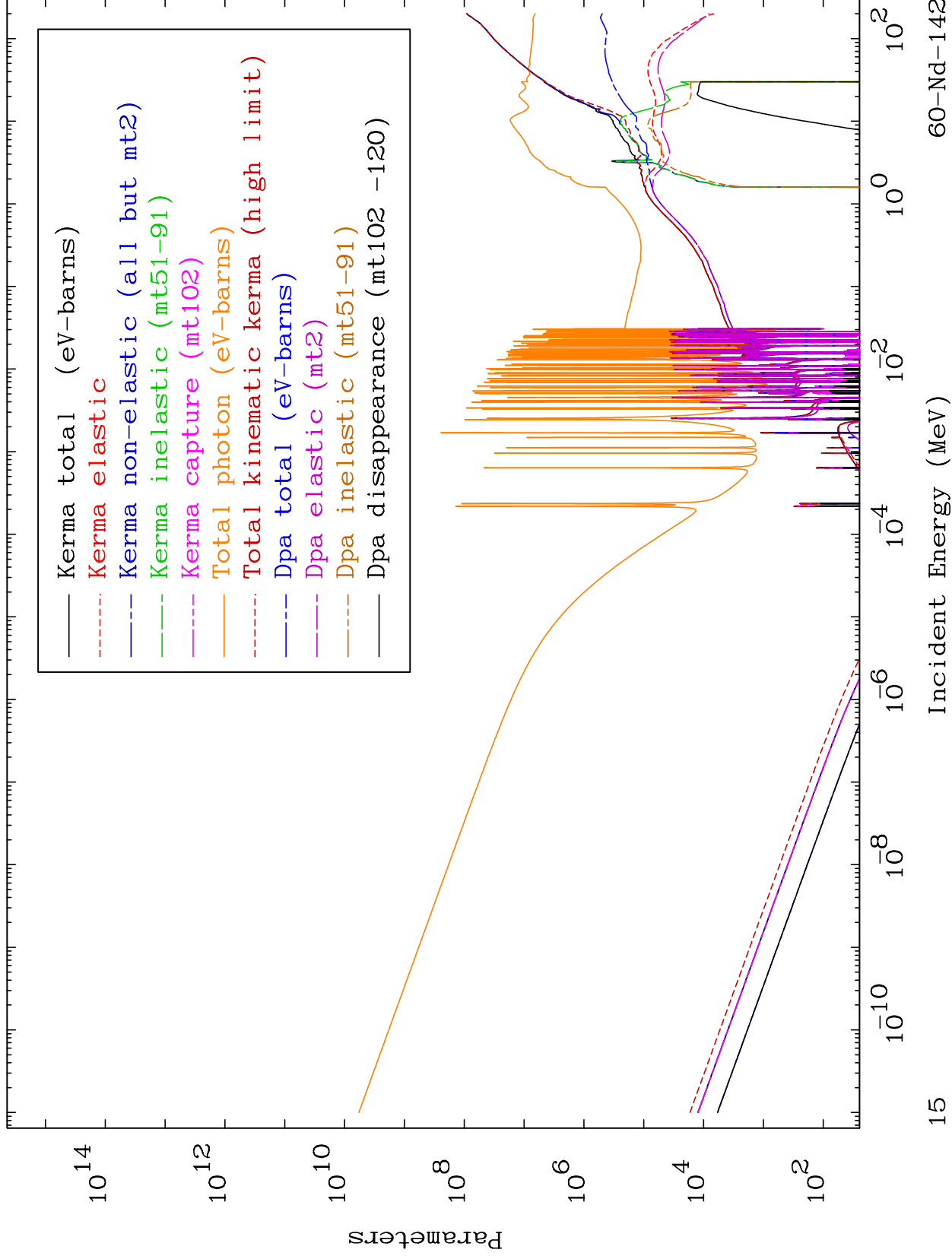
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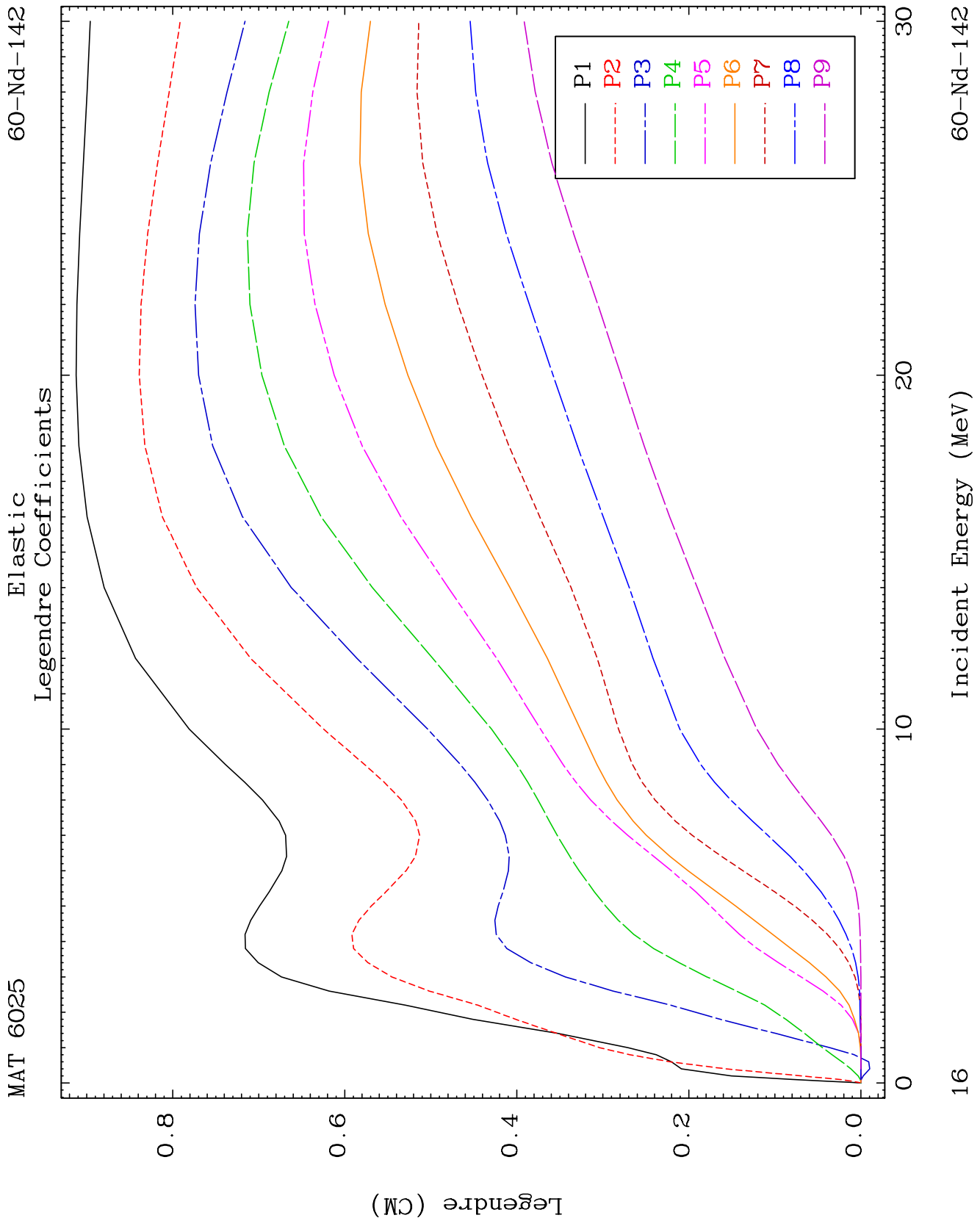
MAT 6025

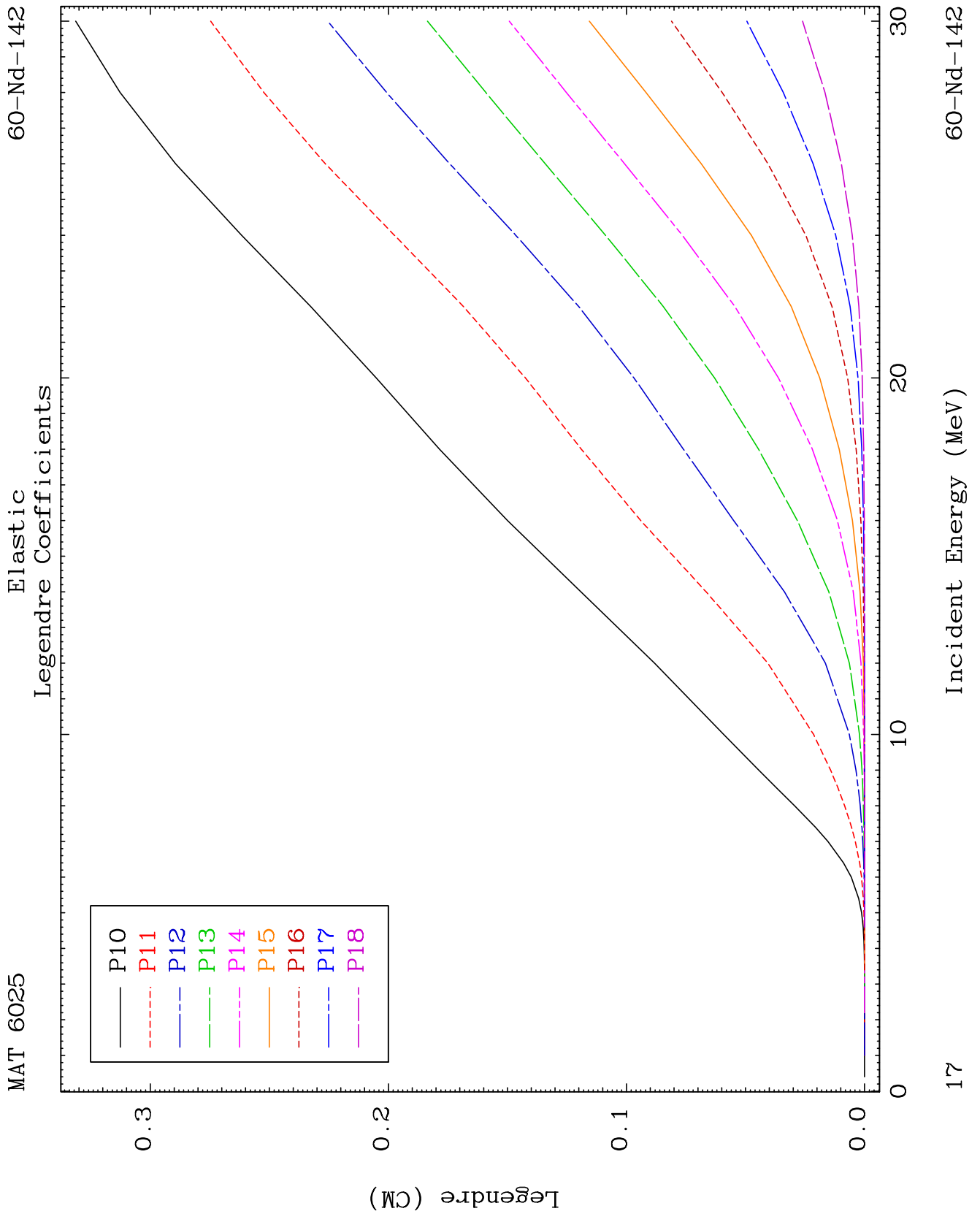
(n, α) Levels
293 Kelvin Cross Sections

60-Nd-142





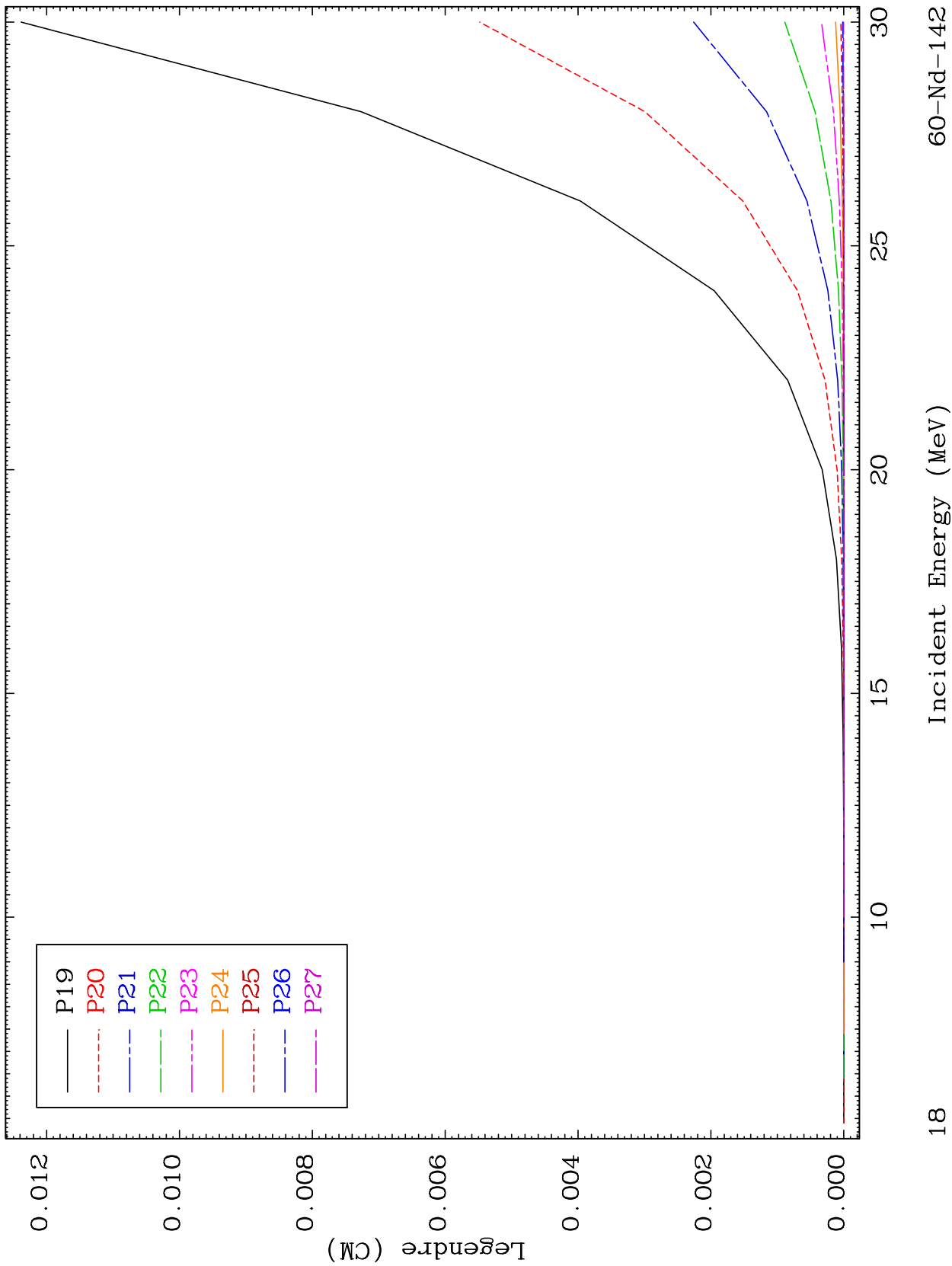




MAT 6025

Elastic Legendre Coefficients

60-Nd-142



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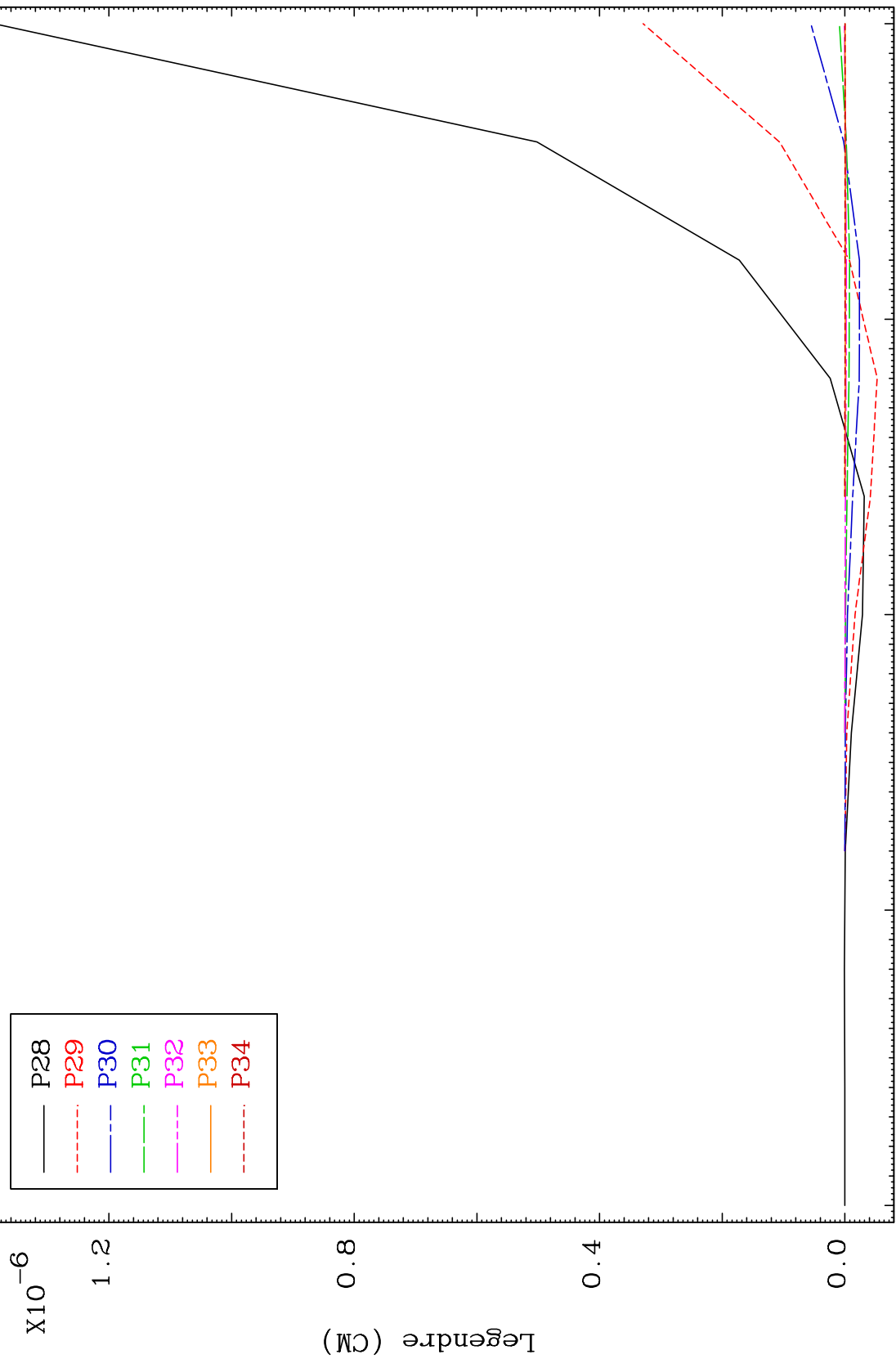
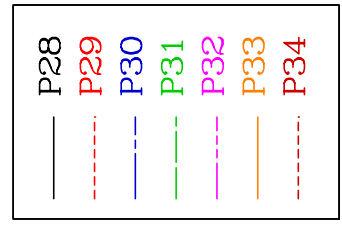
Incident Energy (MeV)

60-Nd-142

MAT 6025

Elastic Legendre Coefficients

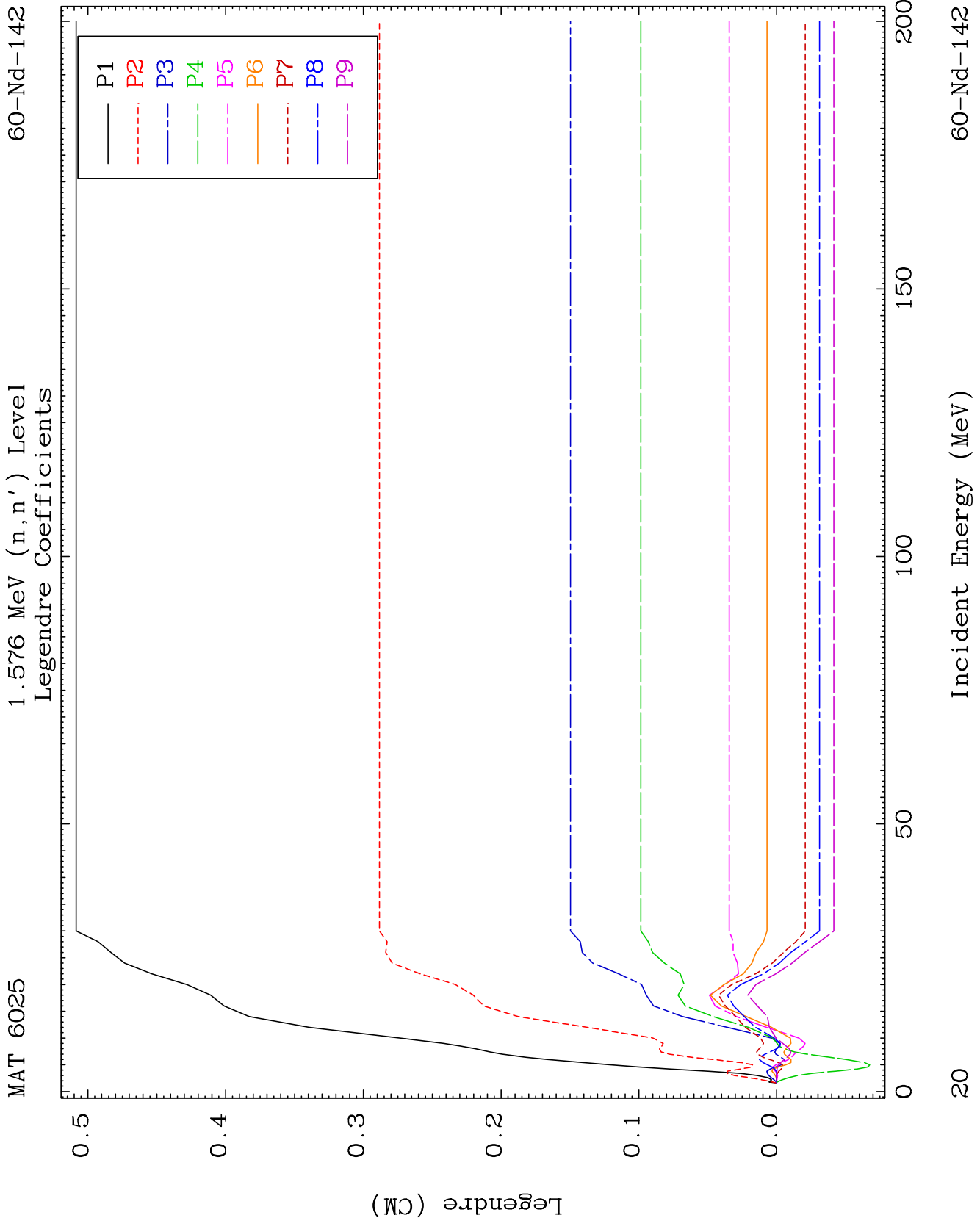
60-Nd-142



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Incident Energy (MeV)

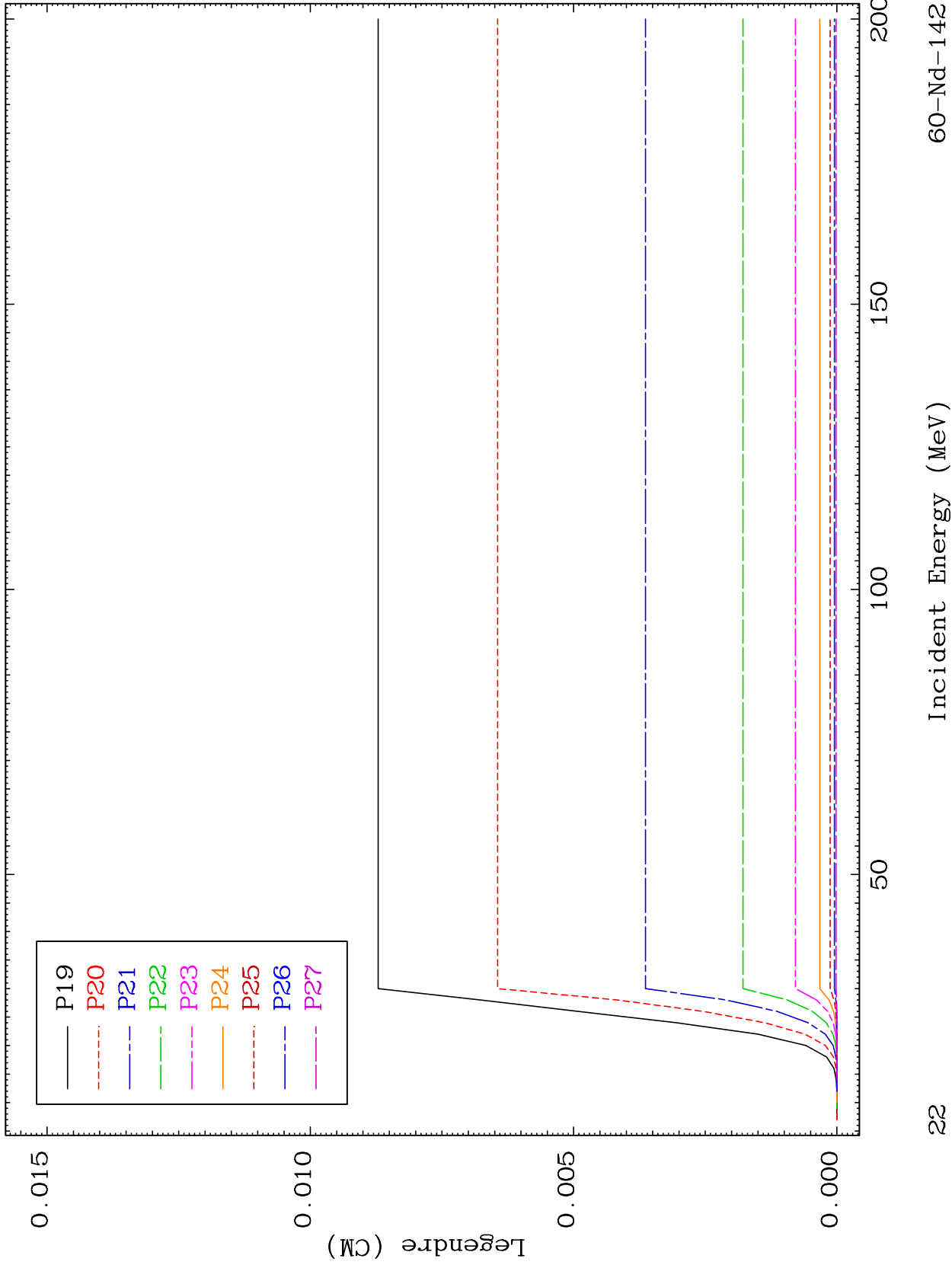
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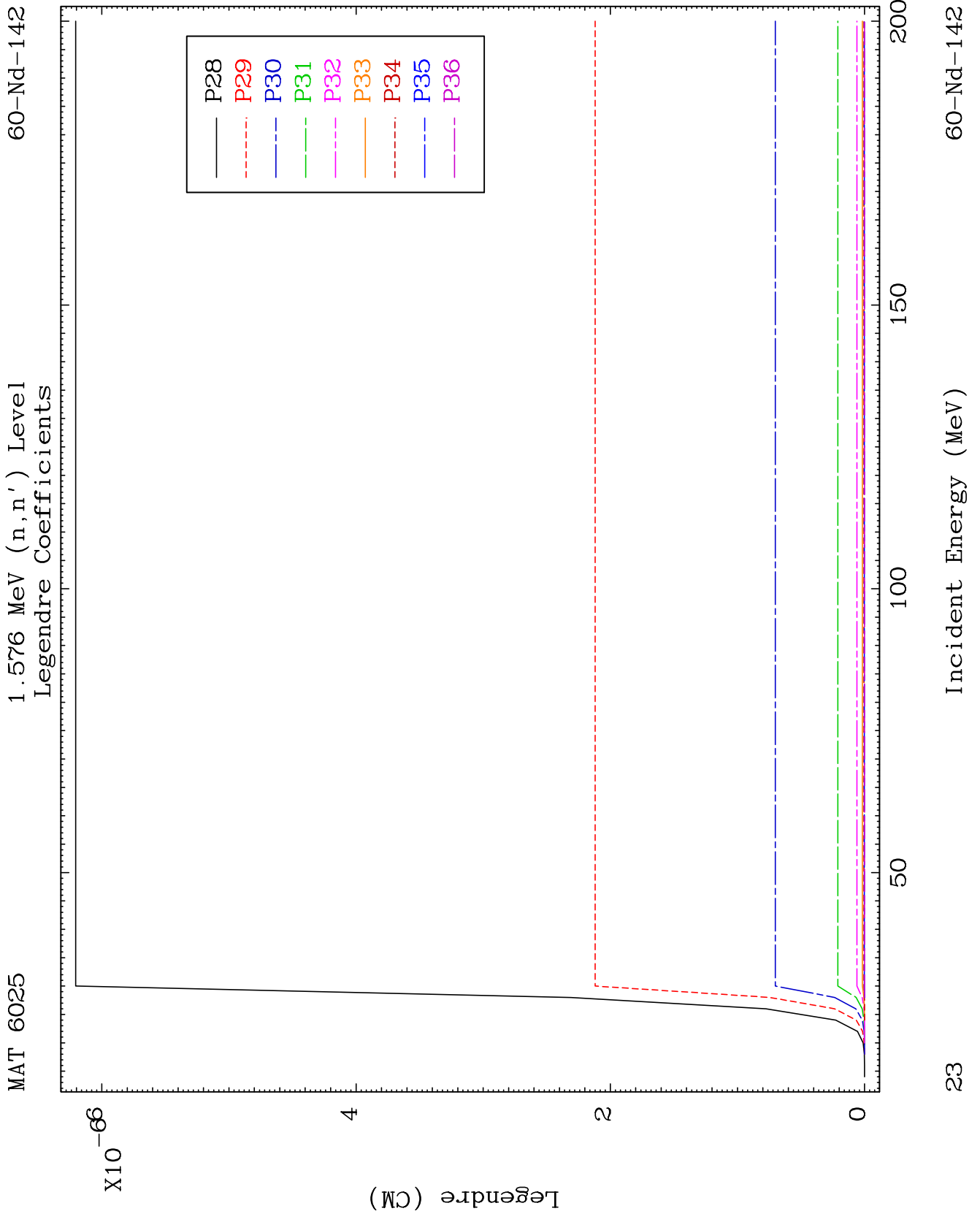


MAT 6025

1.576 MeV (n,n') Level
Legendre Coefficients

60-Nd-142

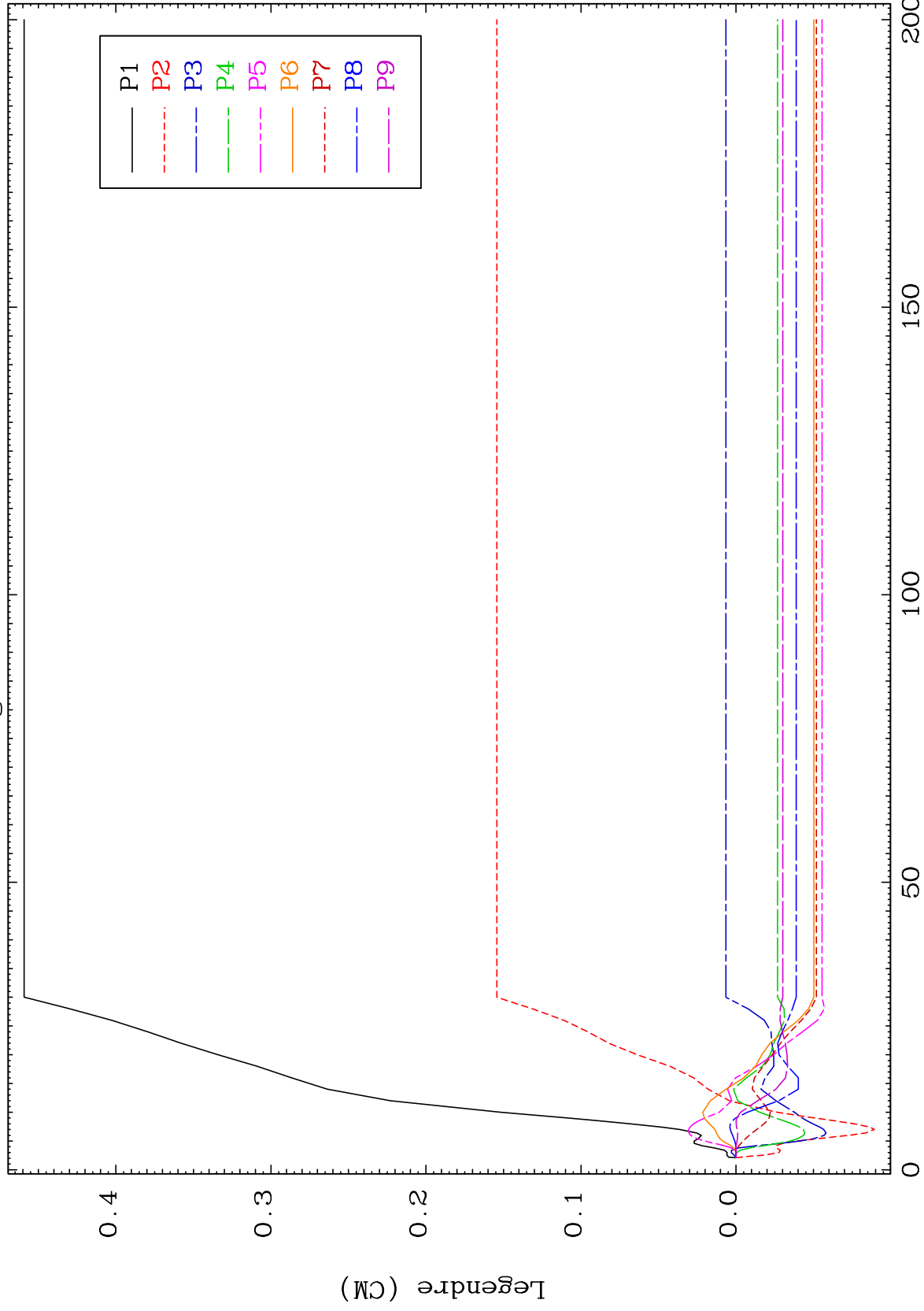




MAT 6025

2.084 MeV (n,n') Level
Legendre Coefficients

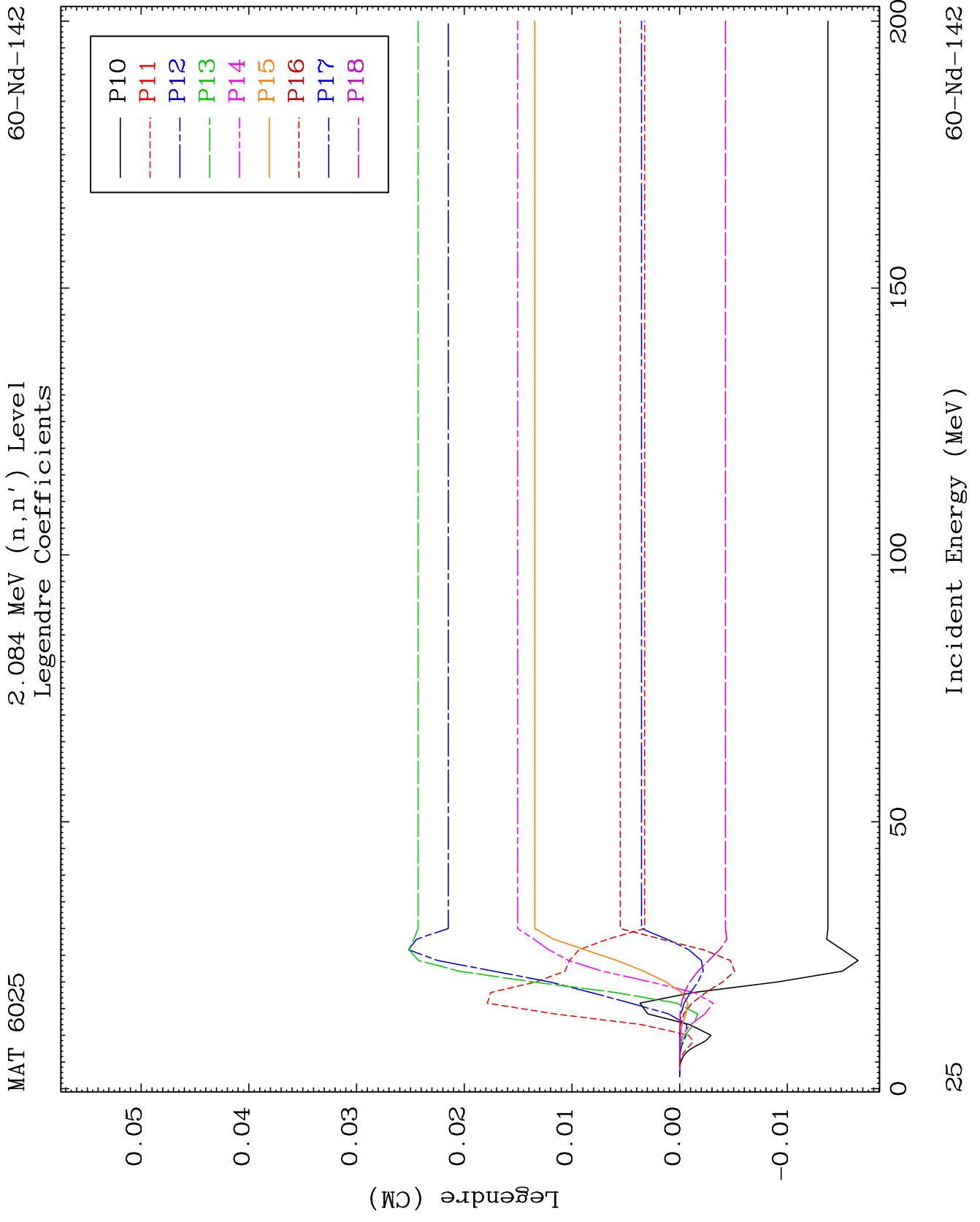
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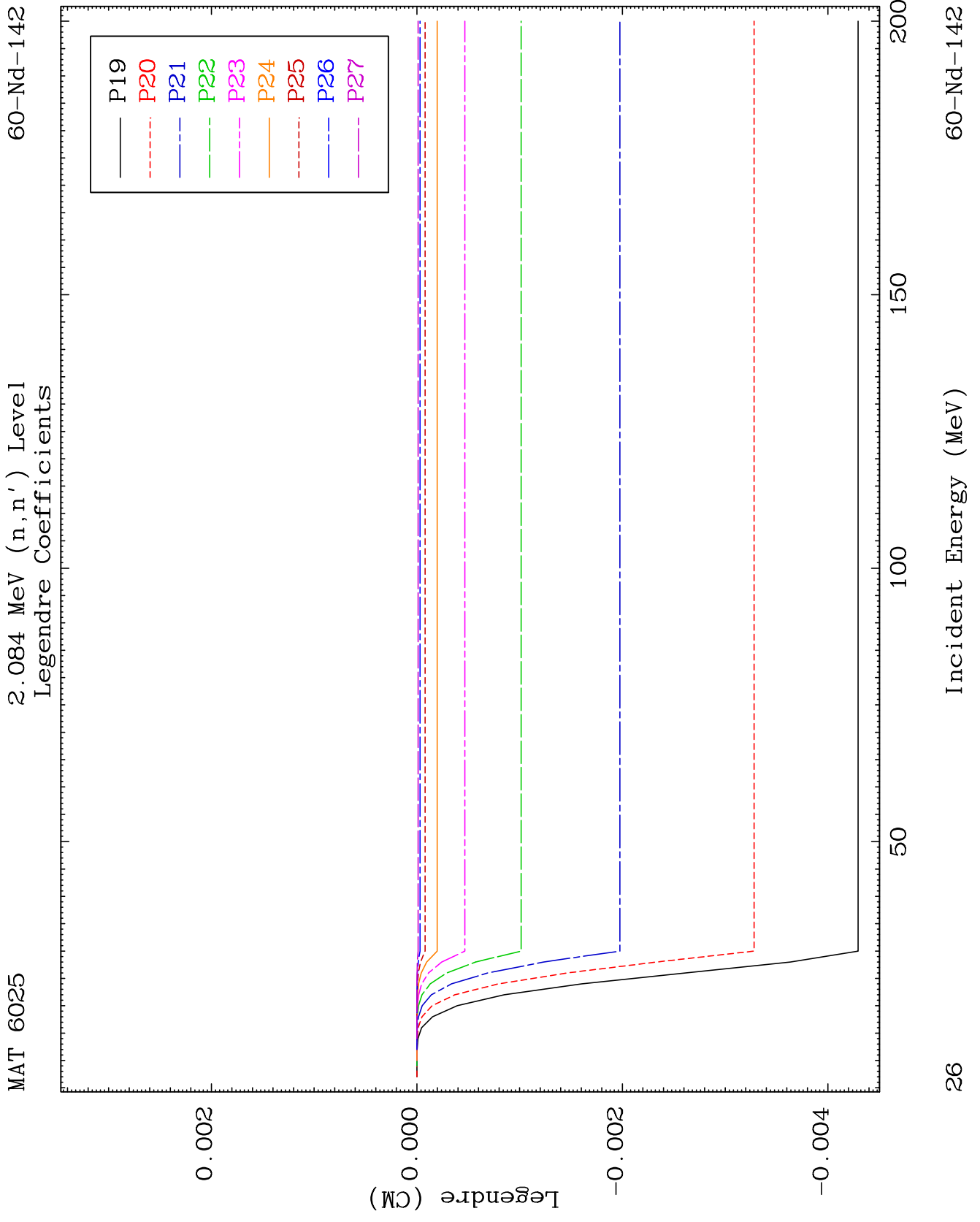


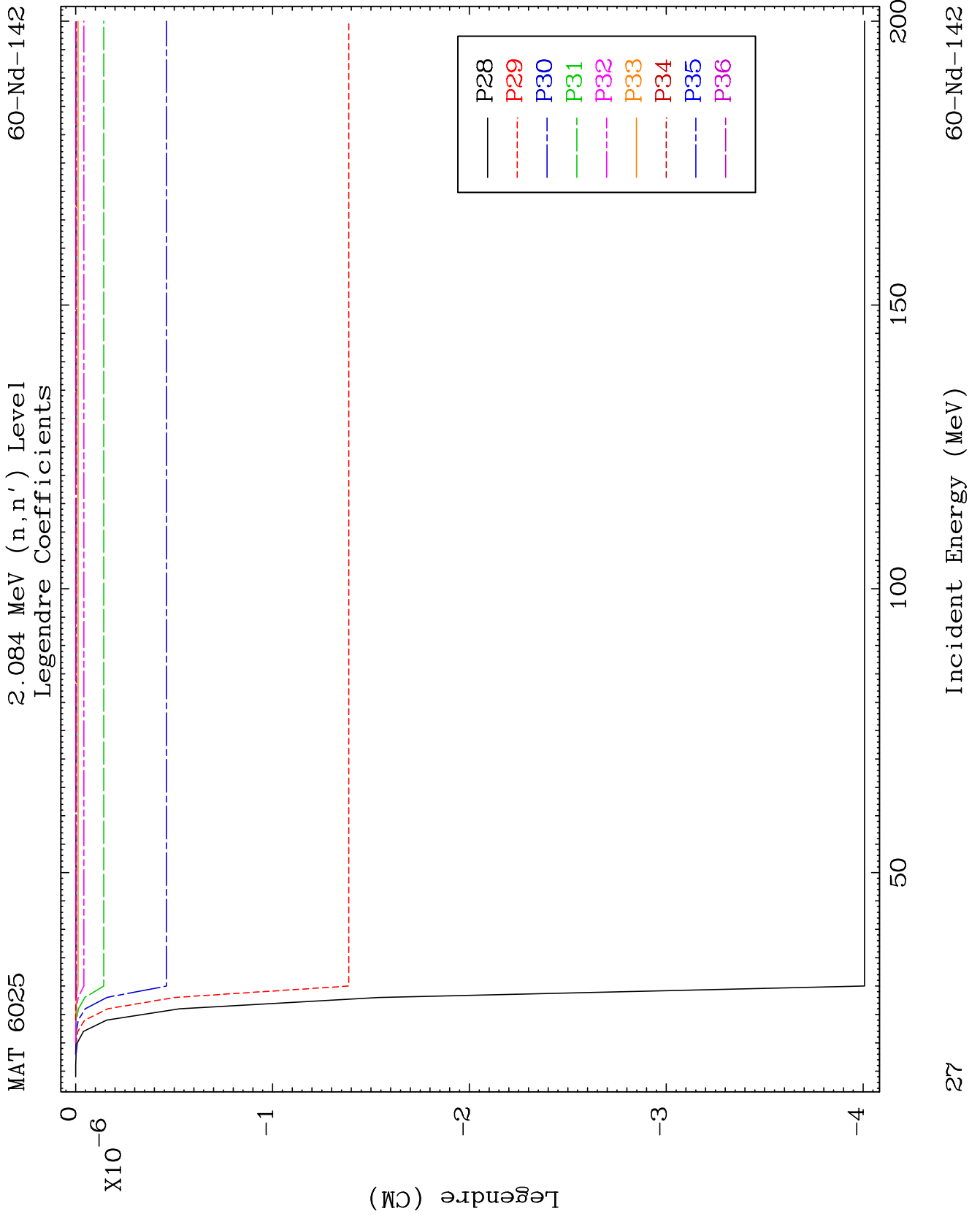
24

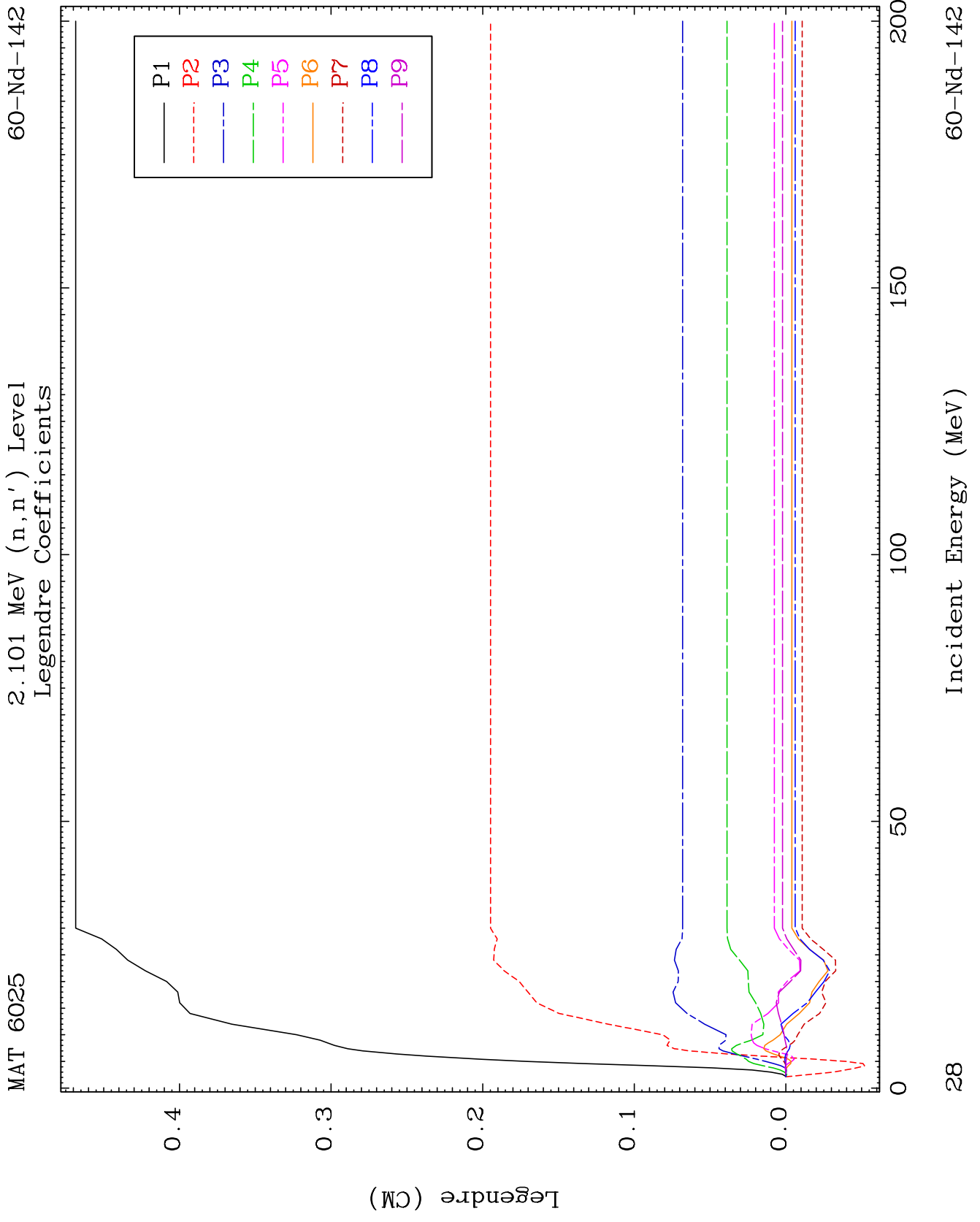
Incident Energy (MeV)

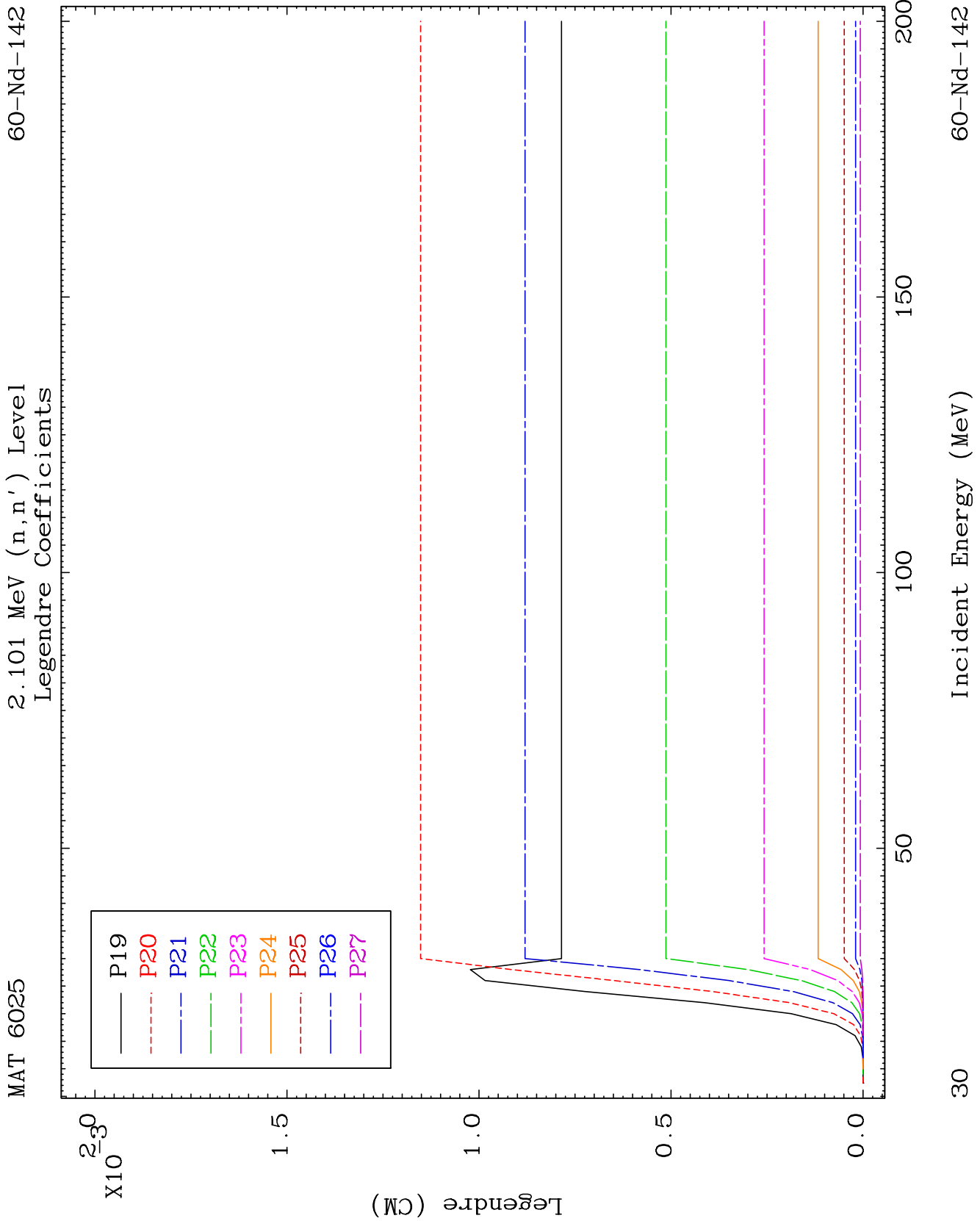
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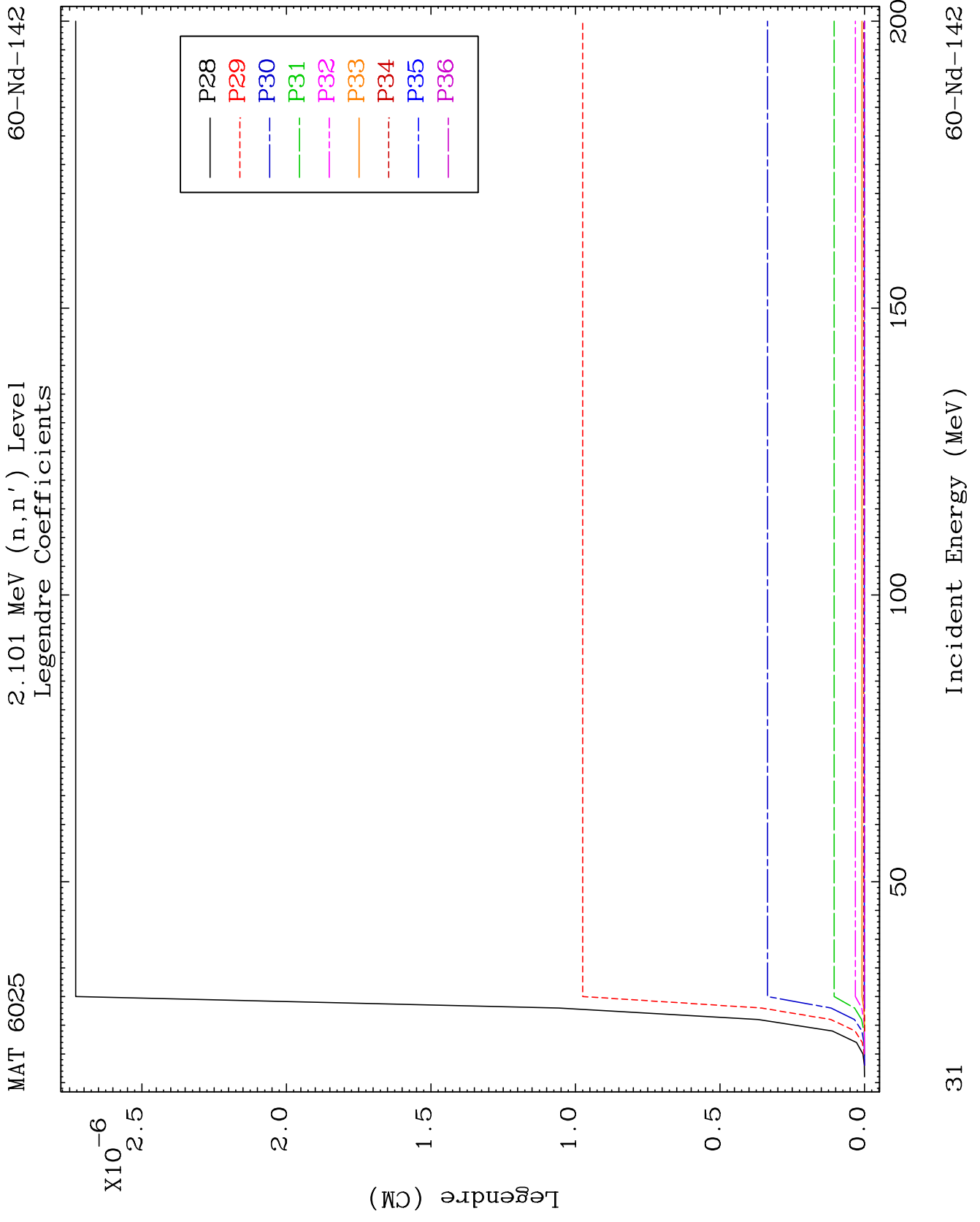


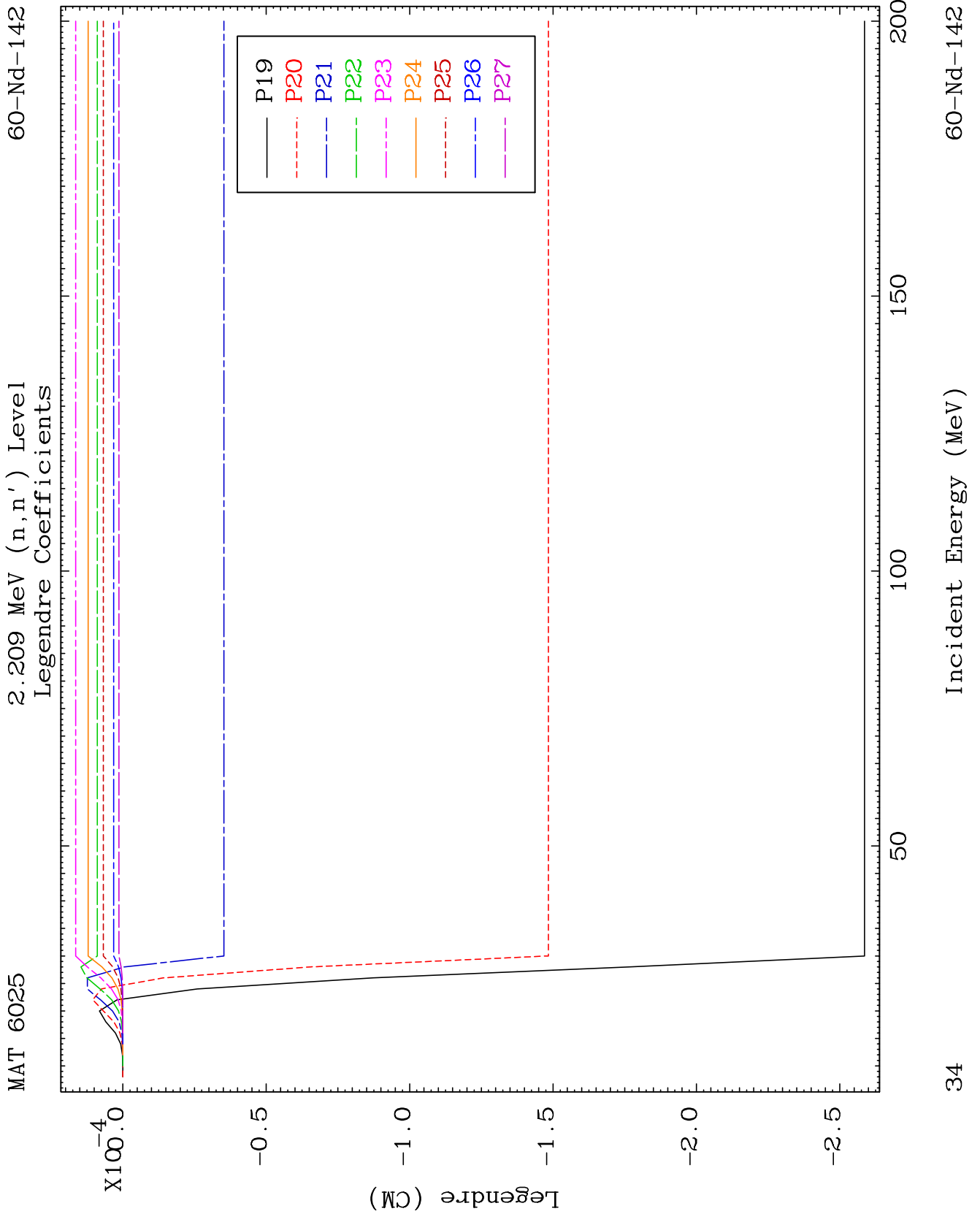


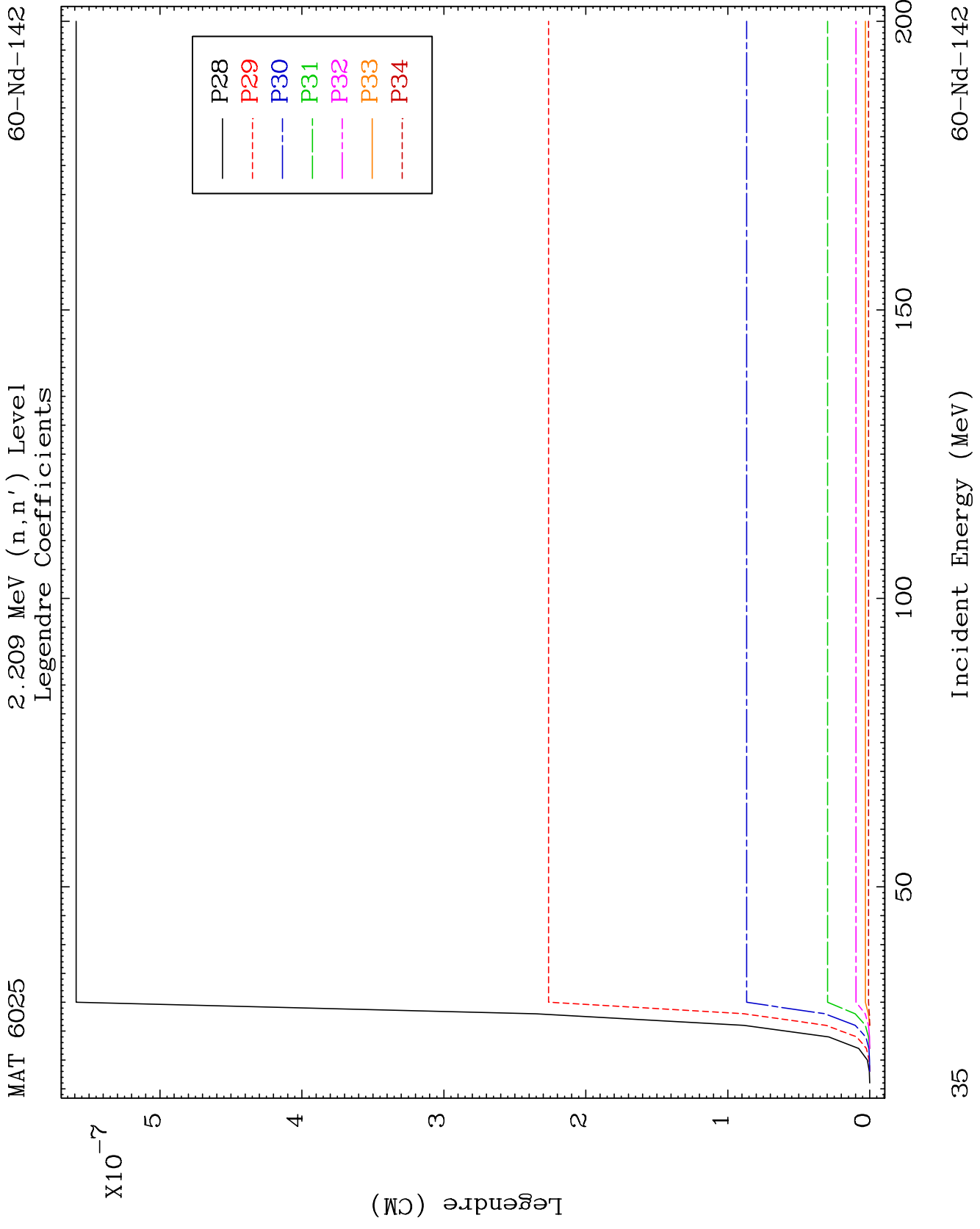








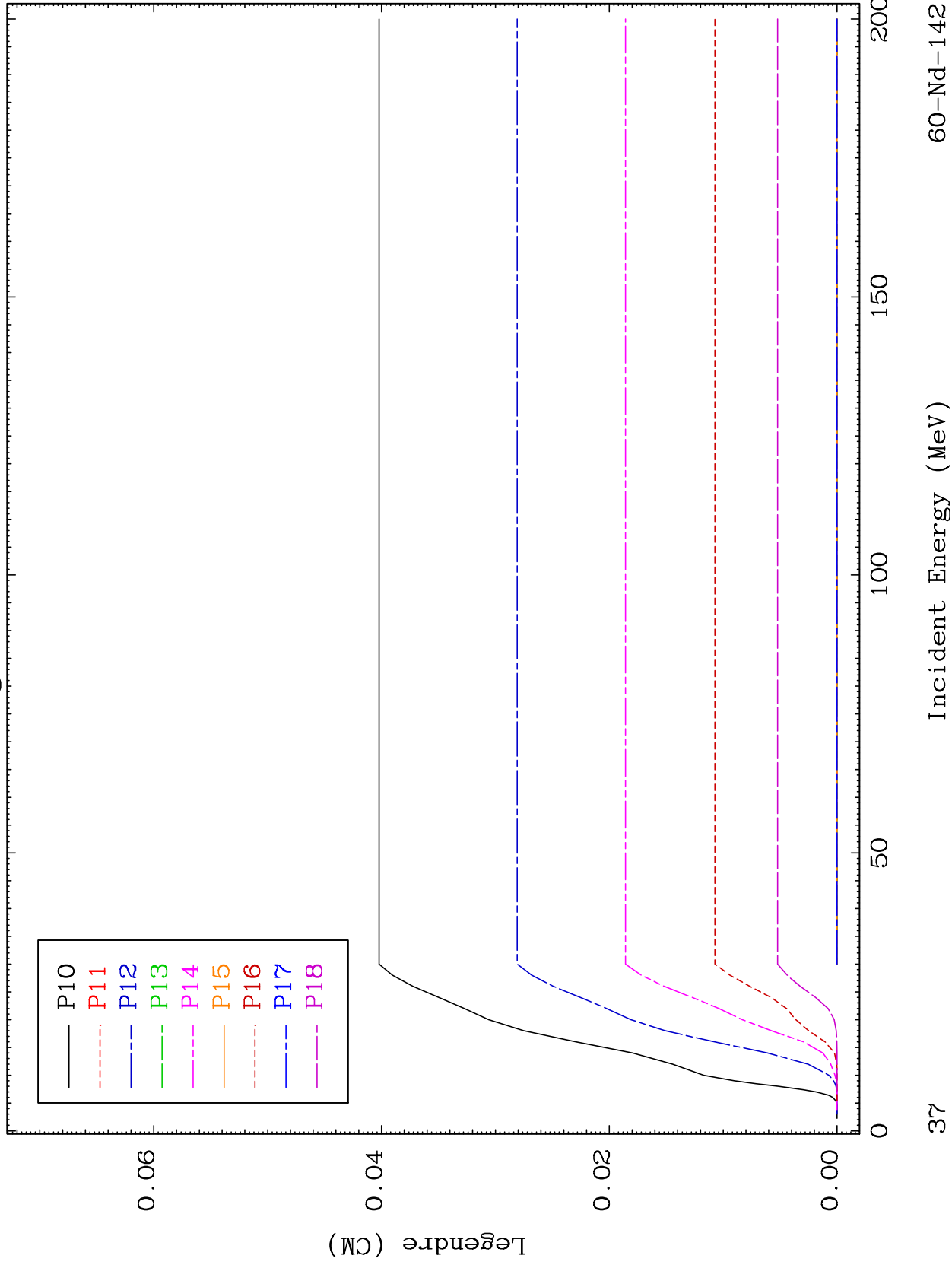




MAT 6025

2.217 MeV (n,n') Level
Legendre Coefficients

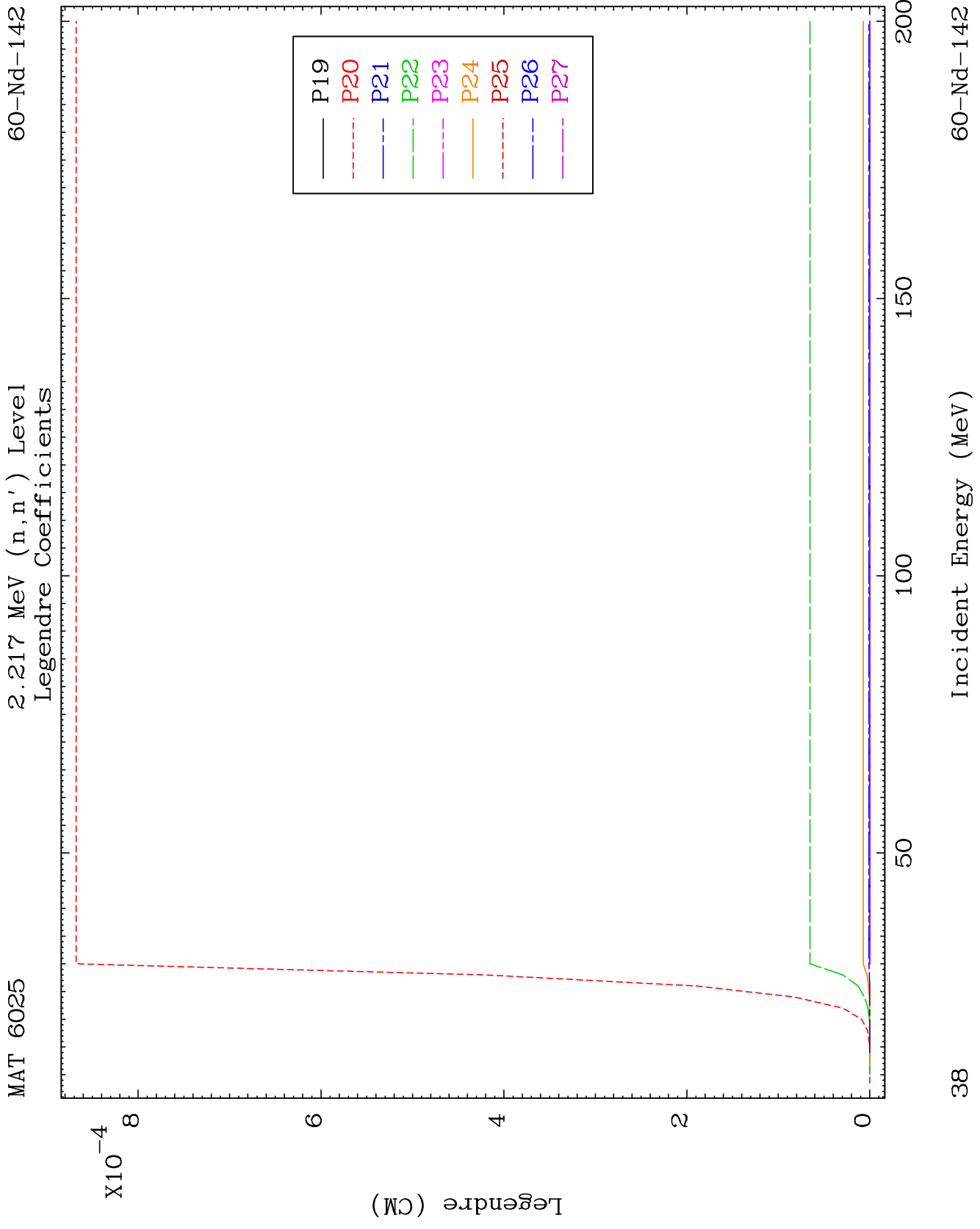
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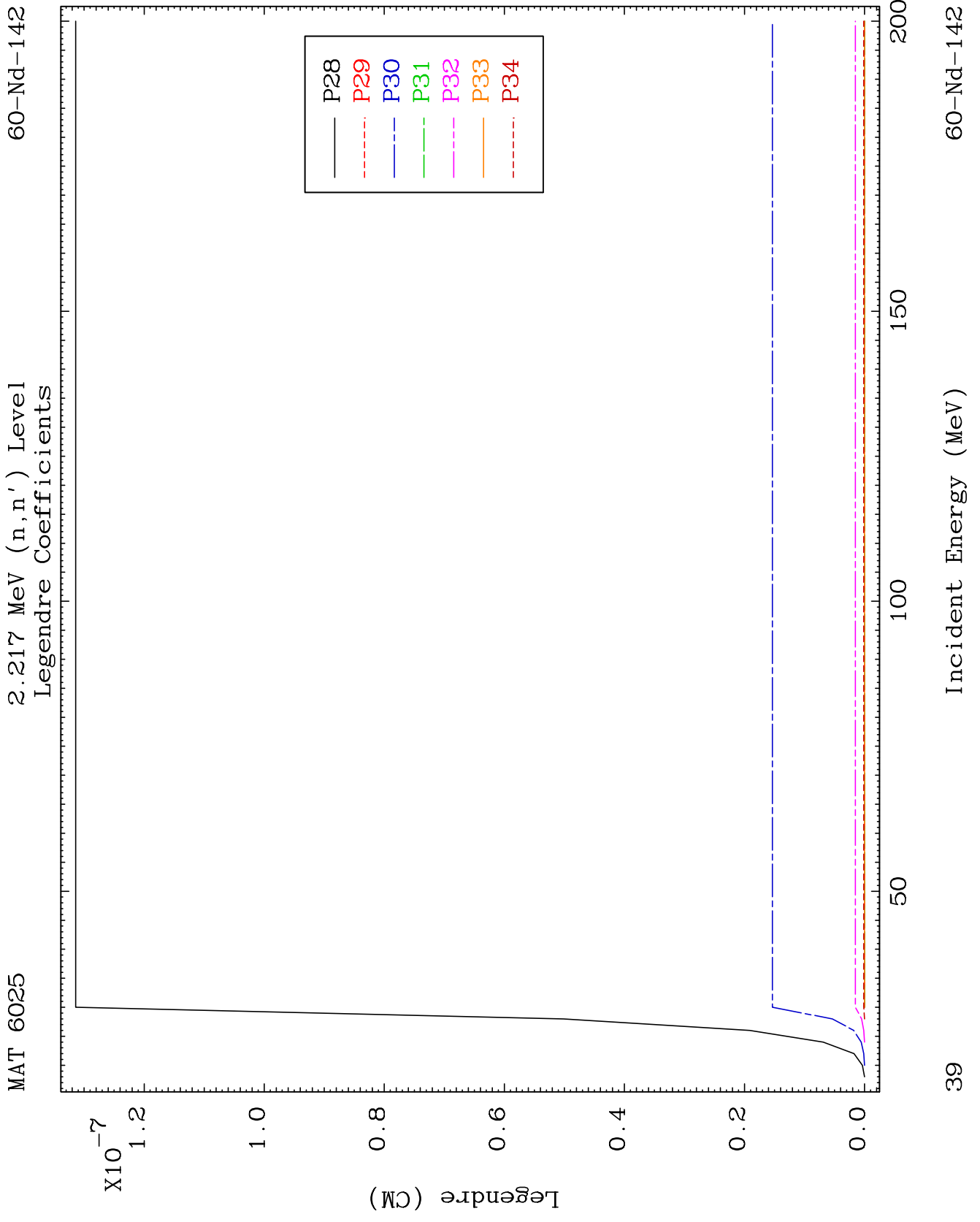


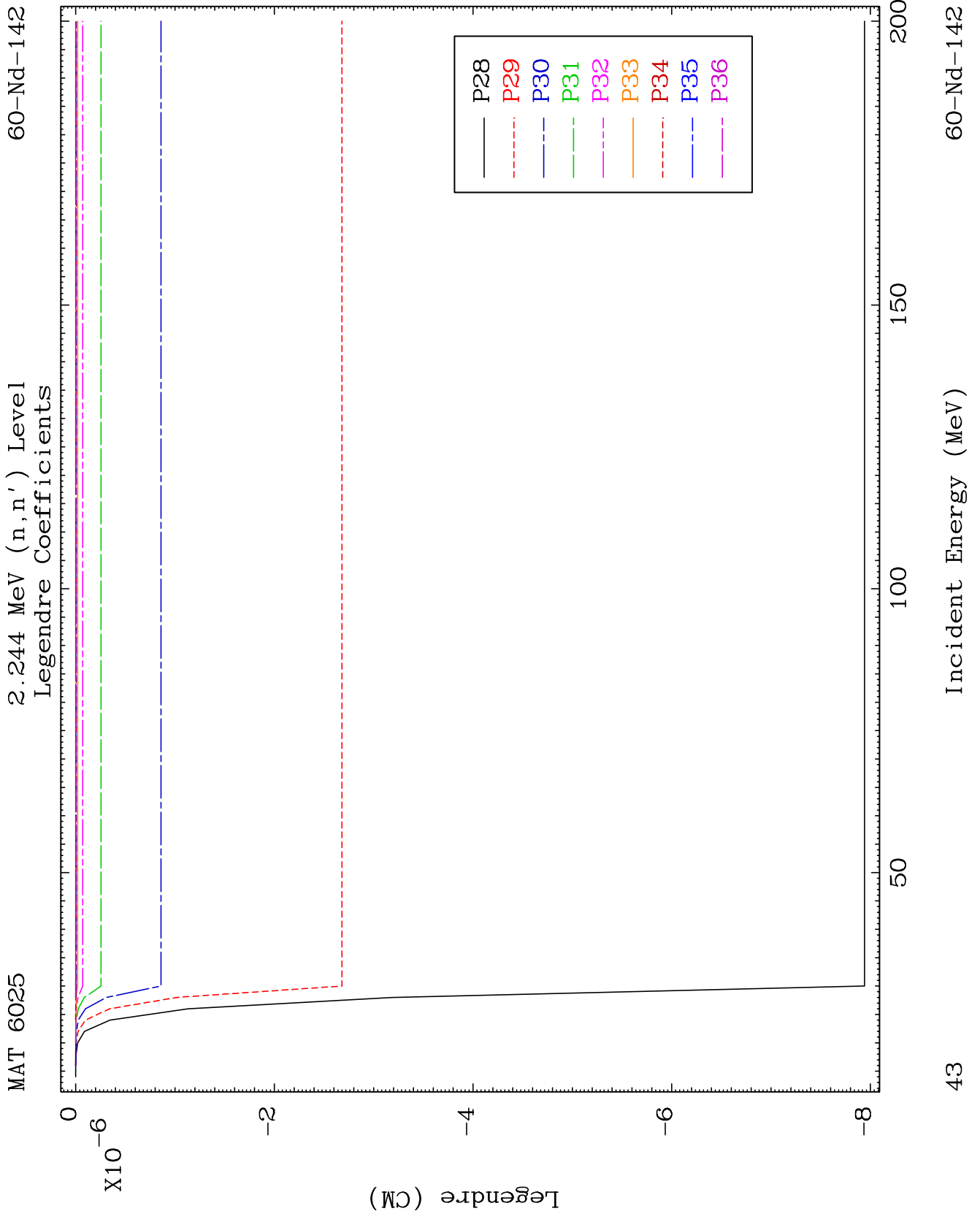
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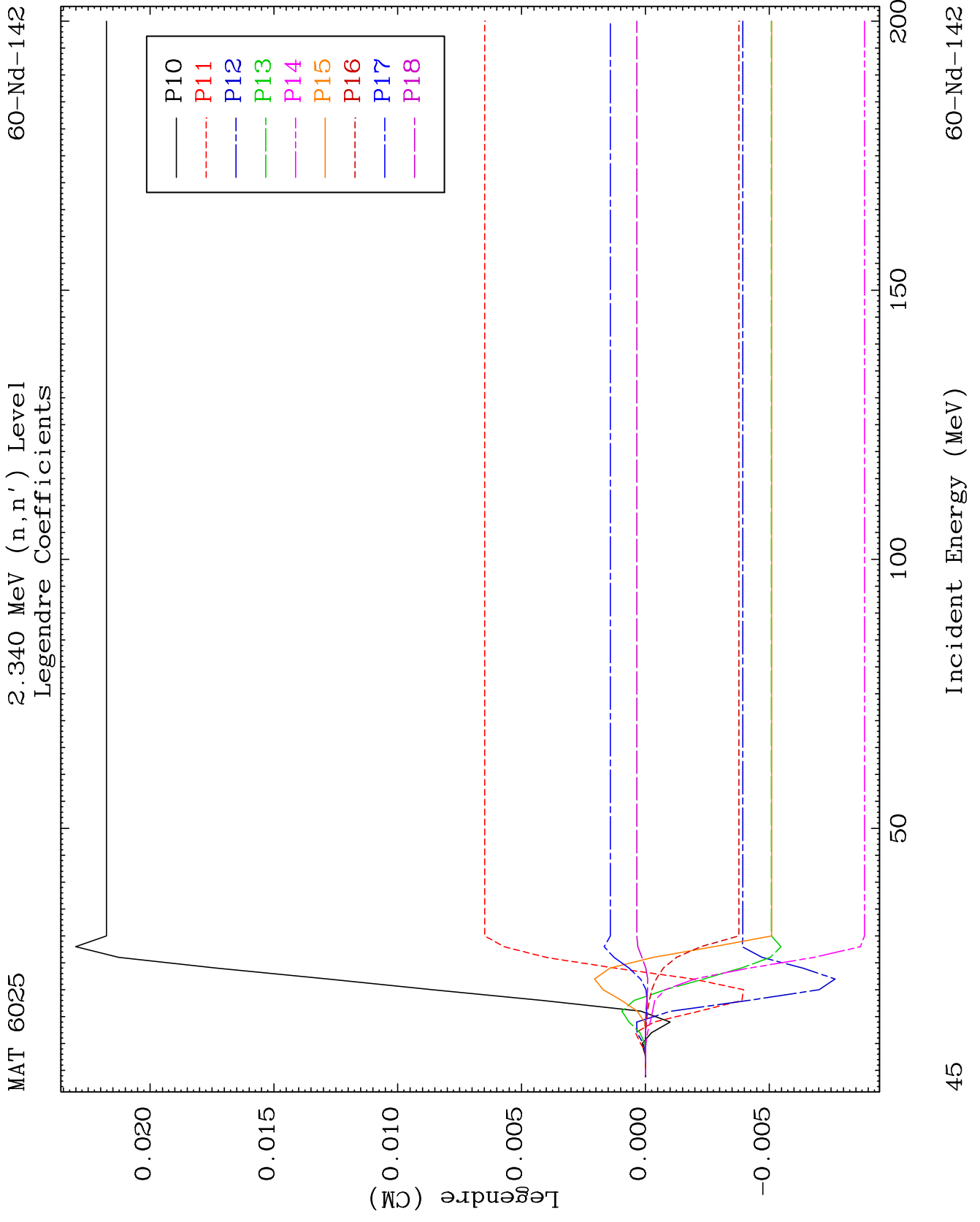
Incident Energy (MeV)

60-Nd-142





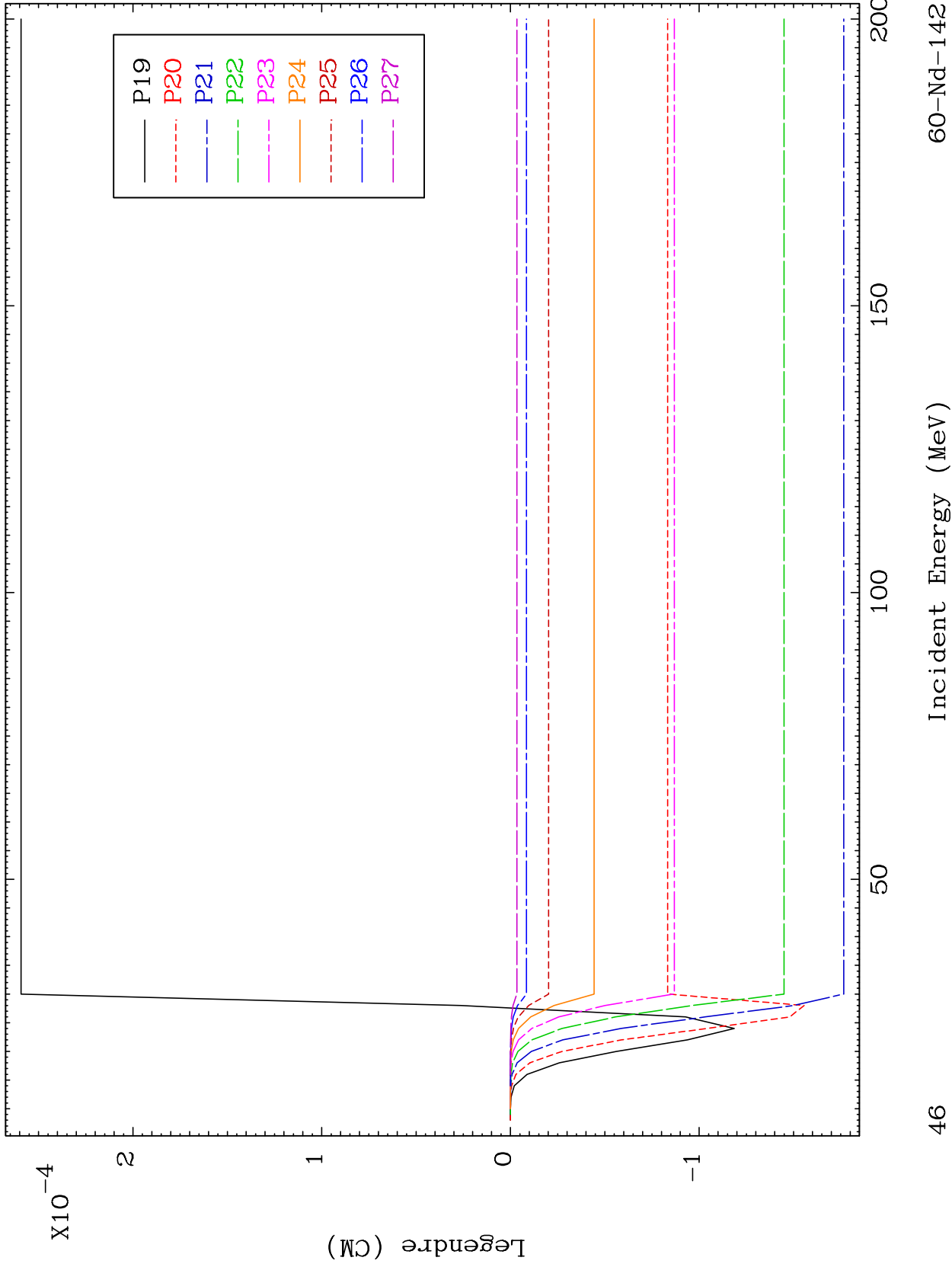




MAT 6025

2.340 MeV (n,n') Level
Legendre Coefficients

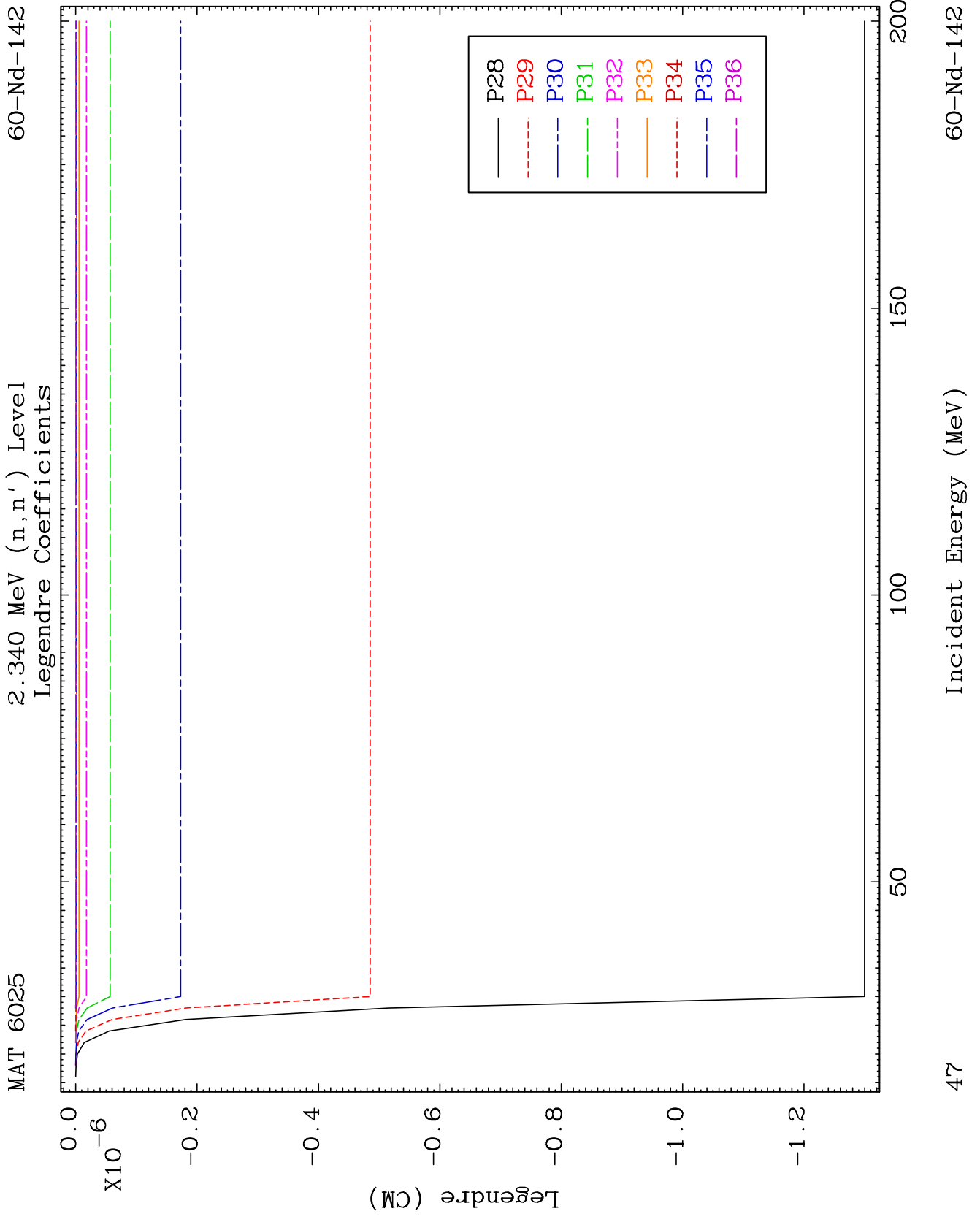
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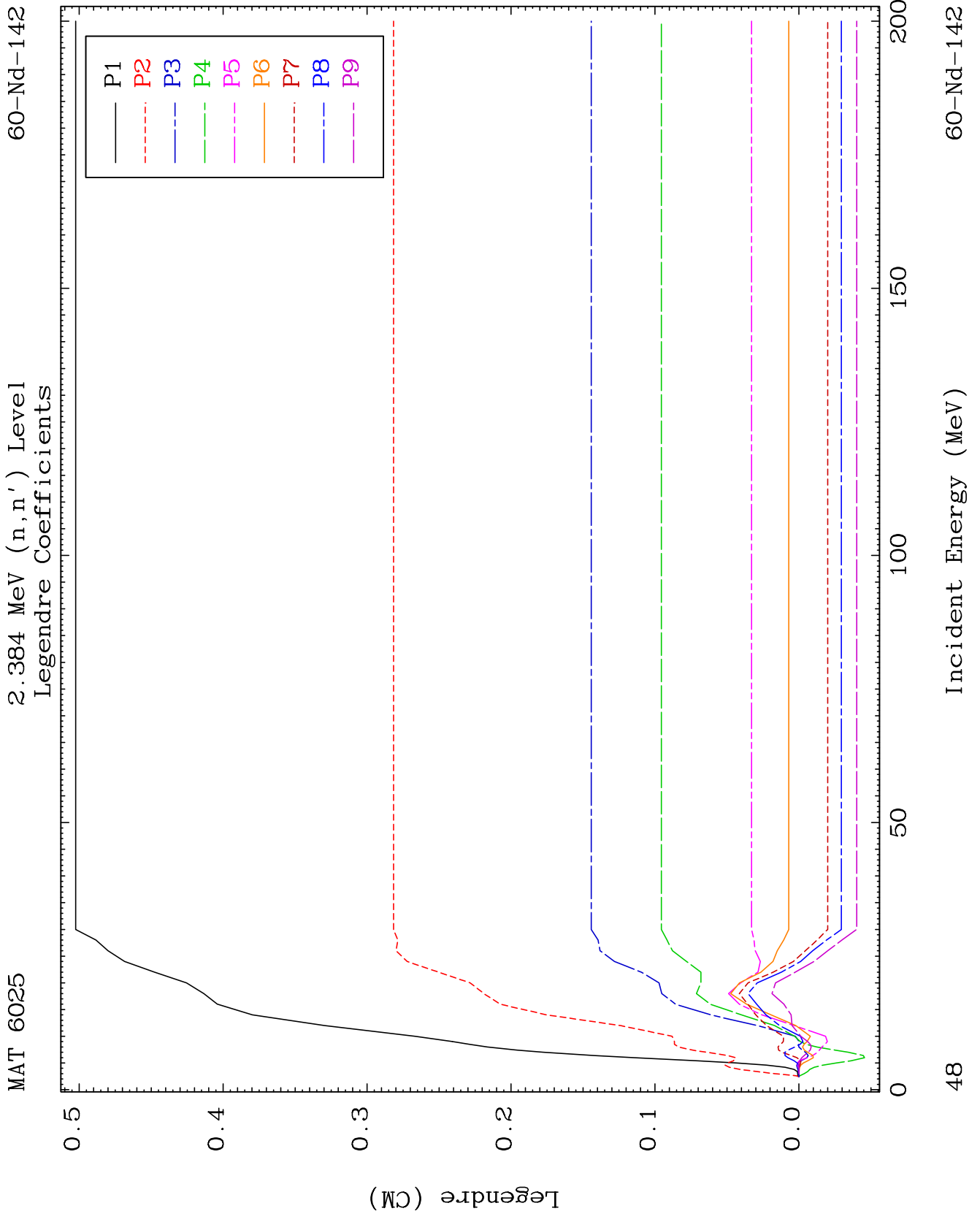


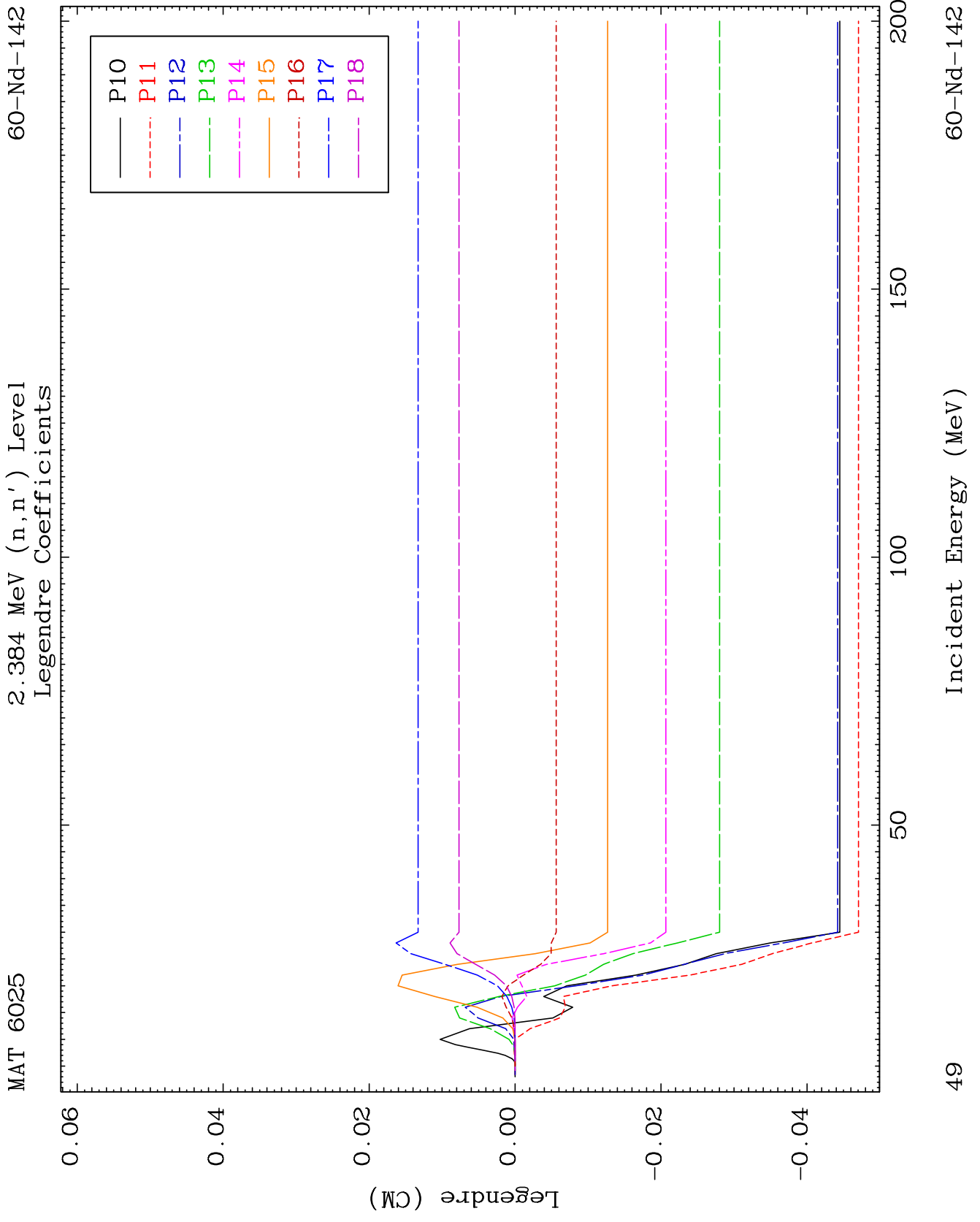
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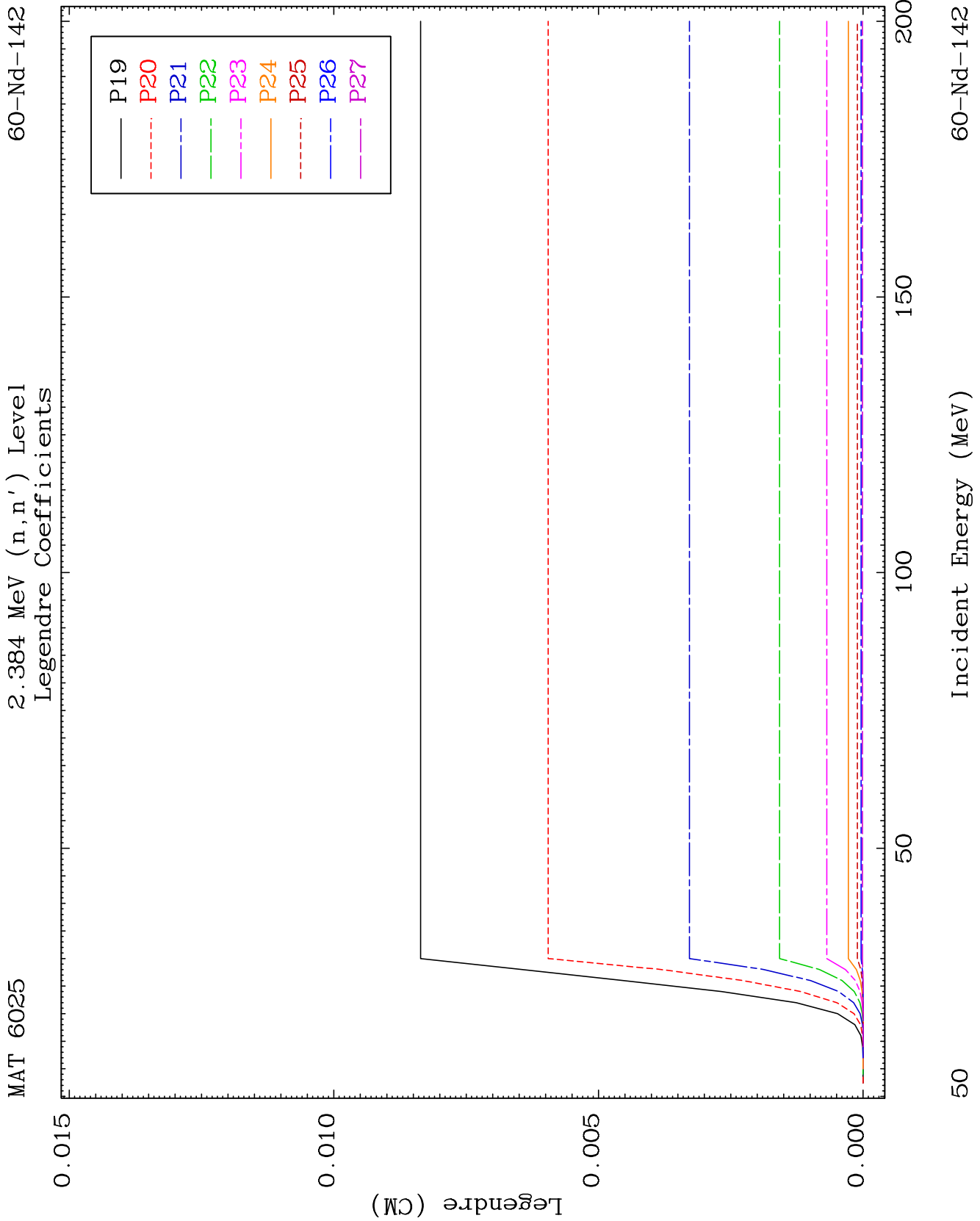
Incident Energy (MeV)

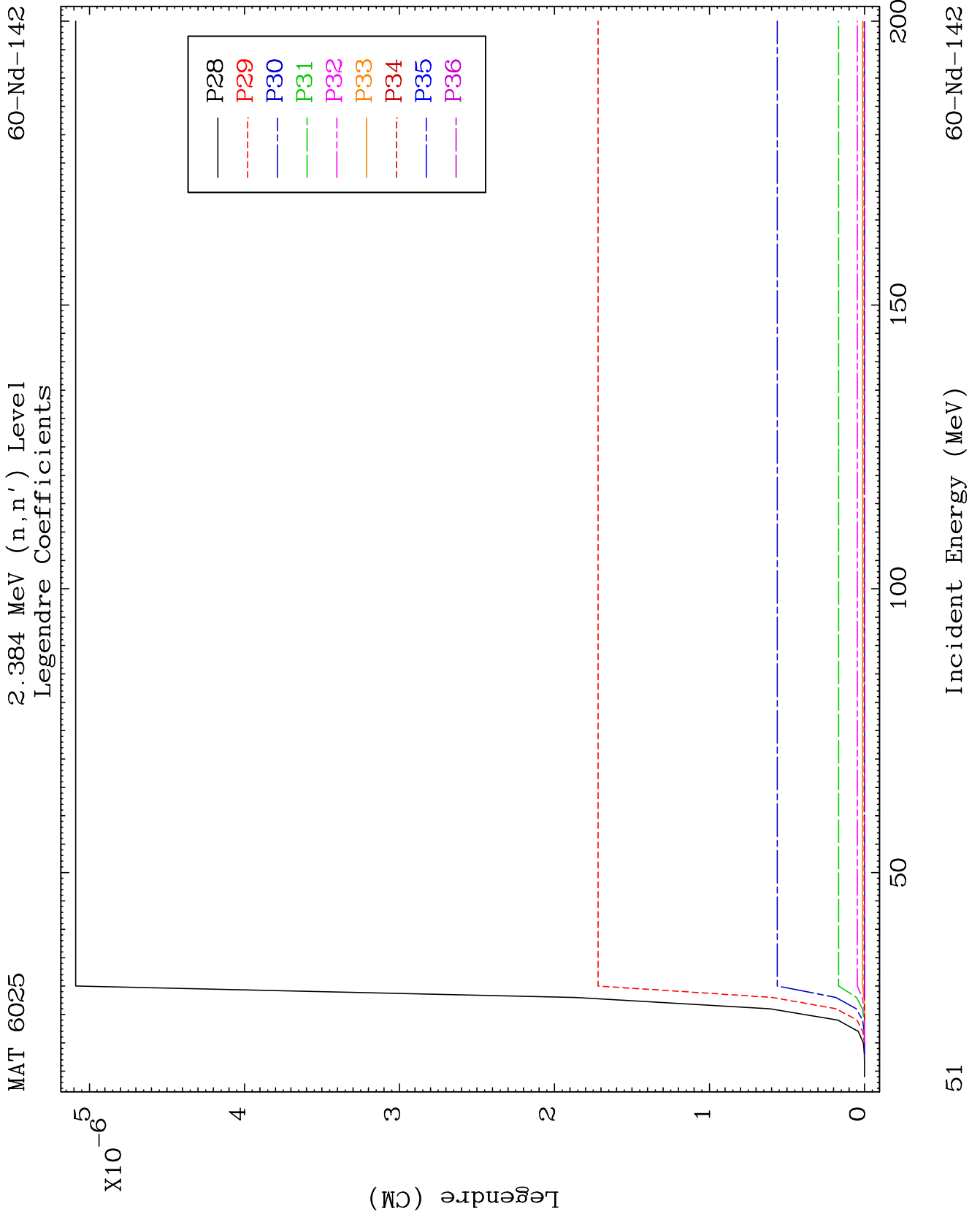
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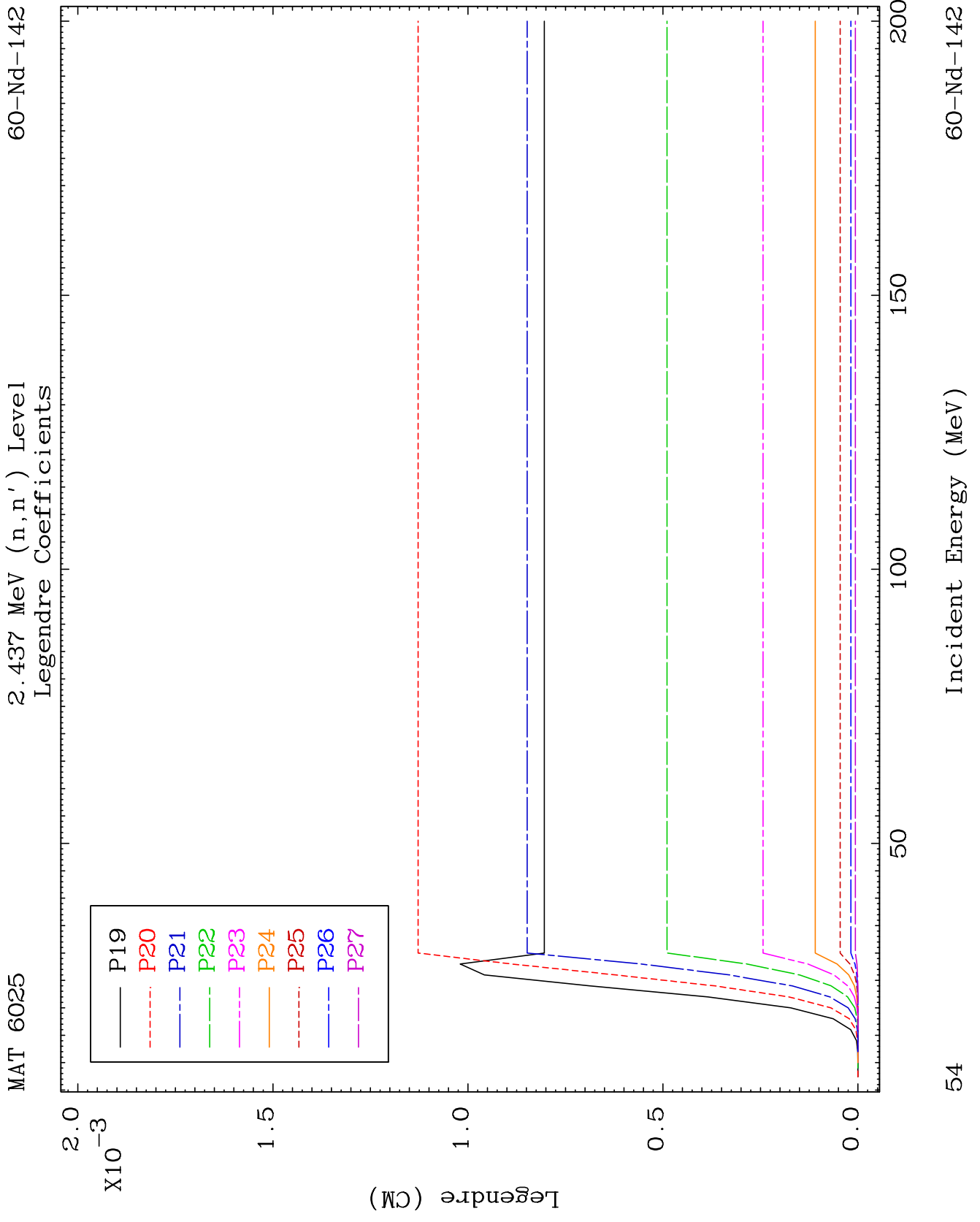


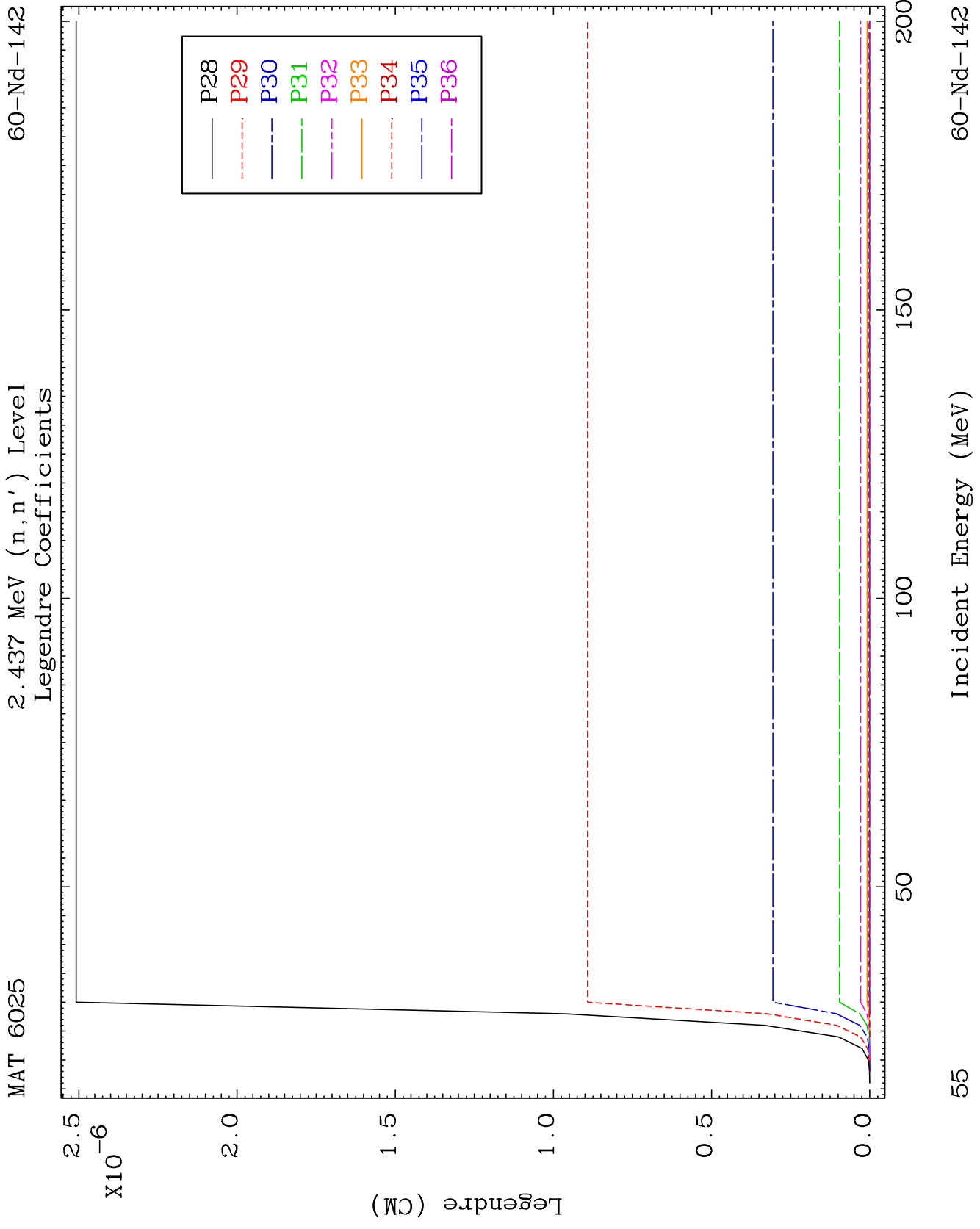


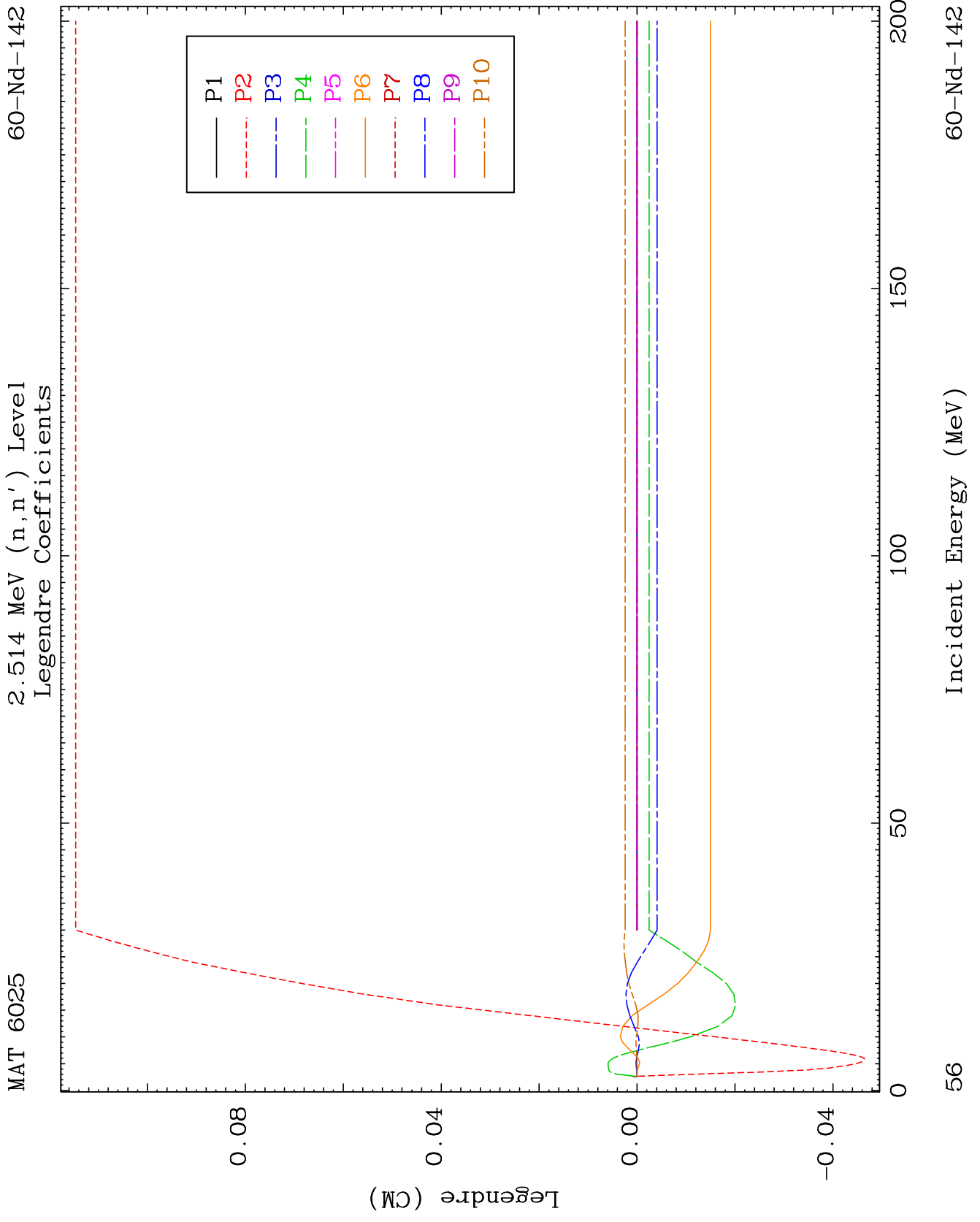


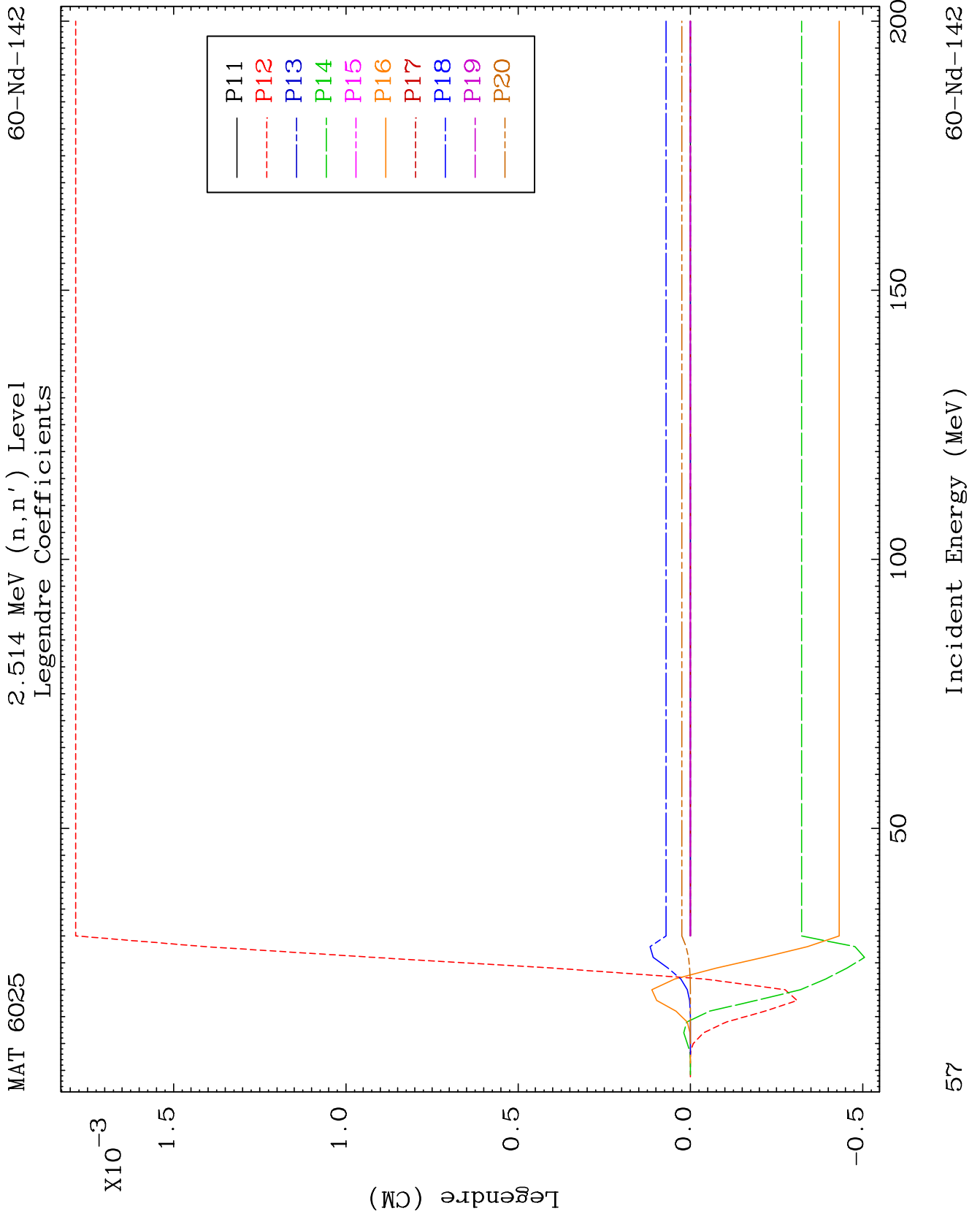


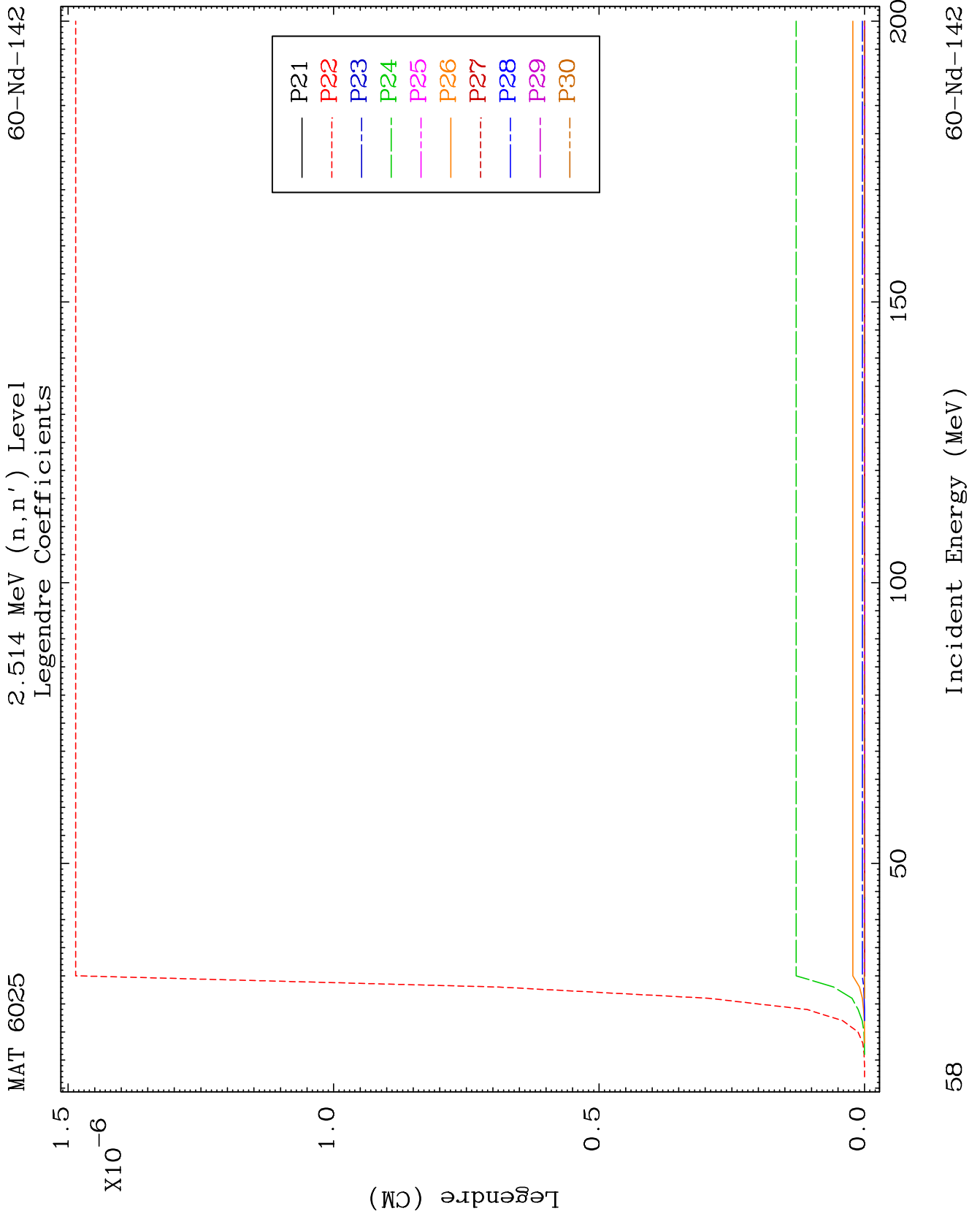


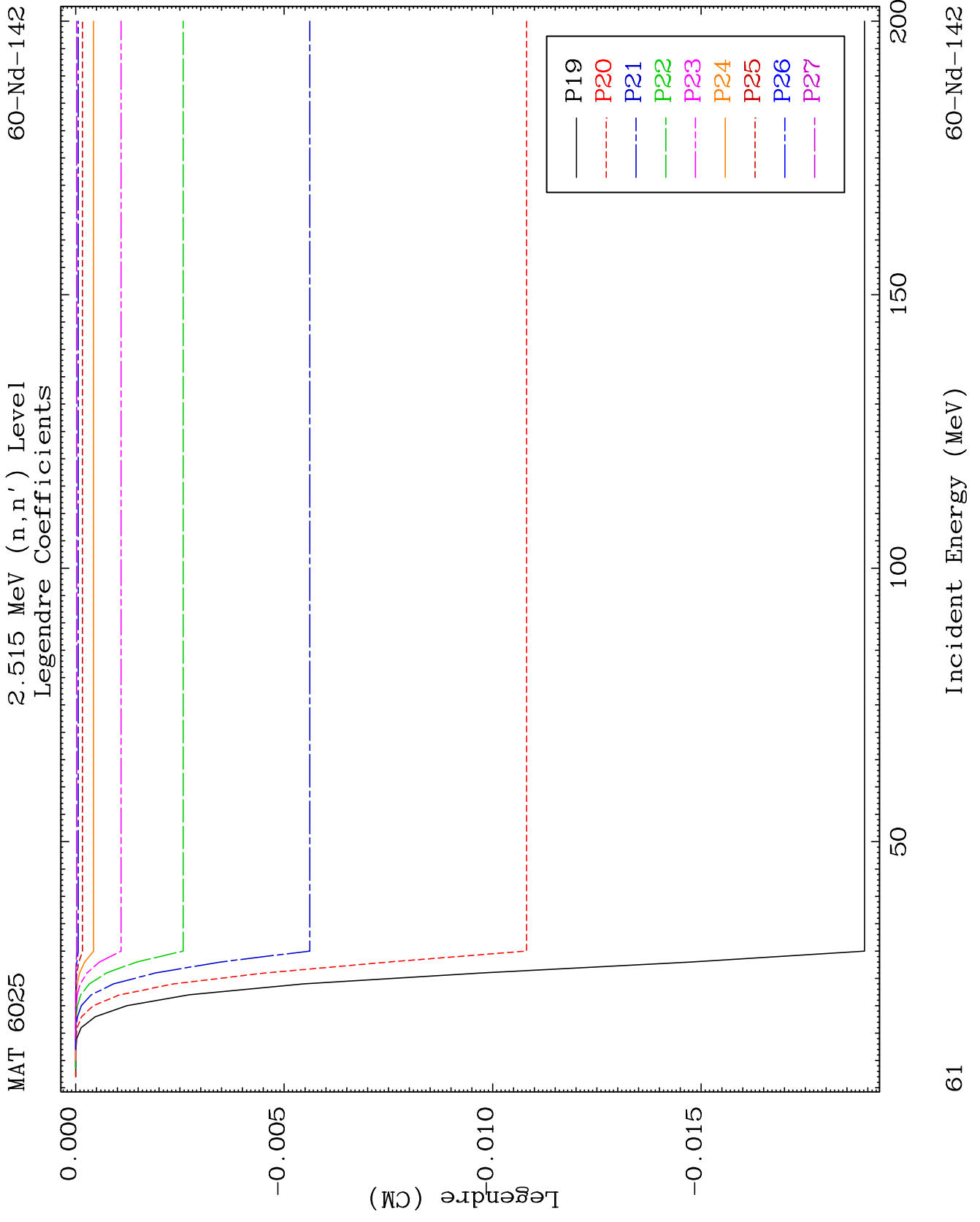


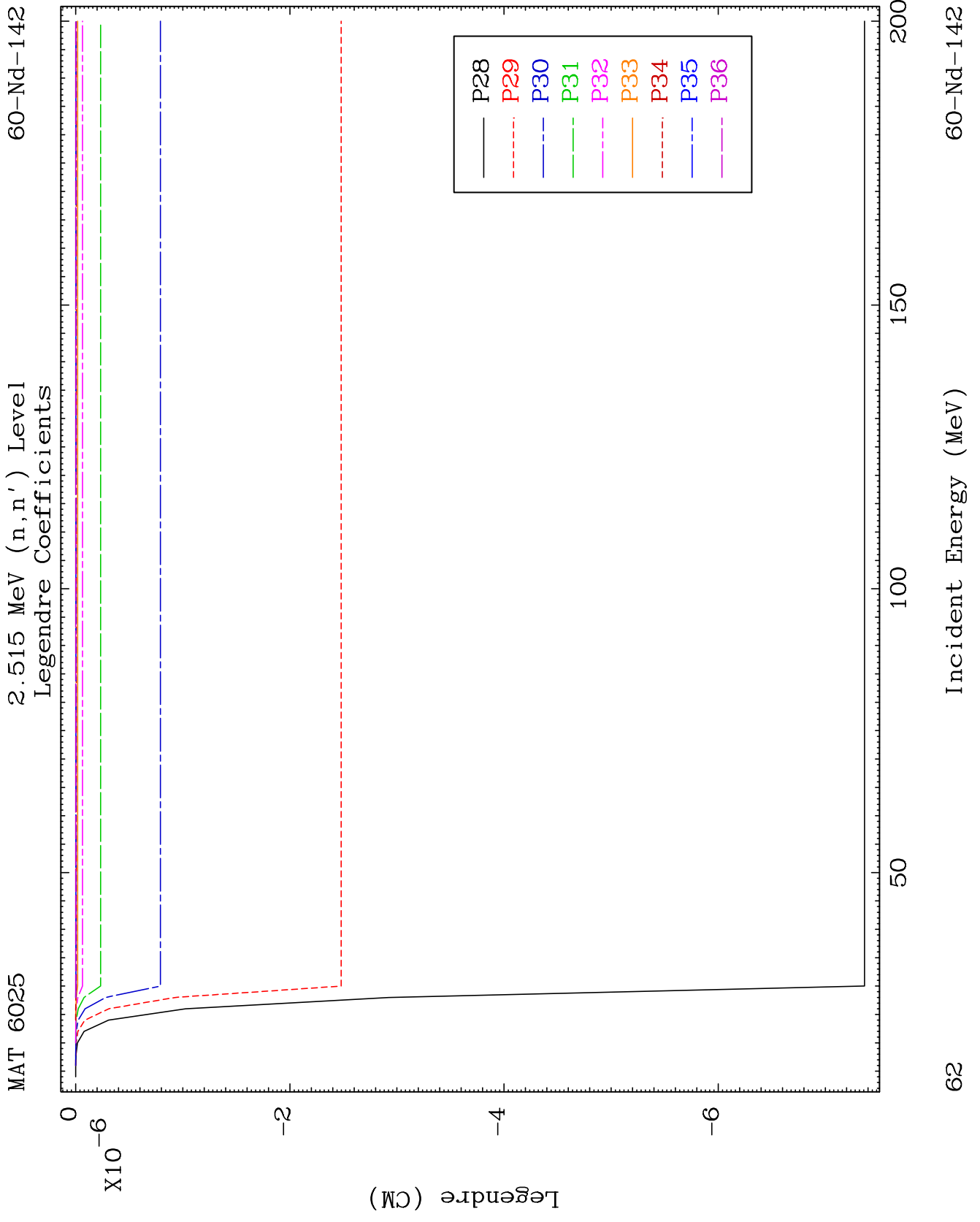








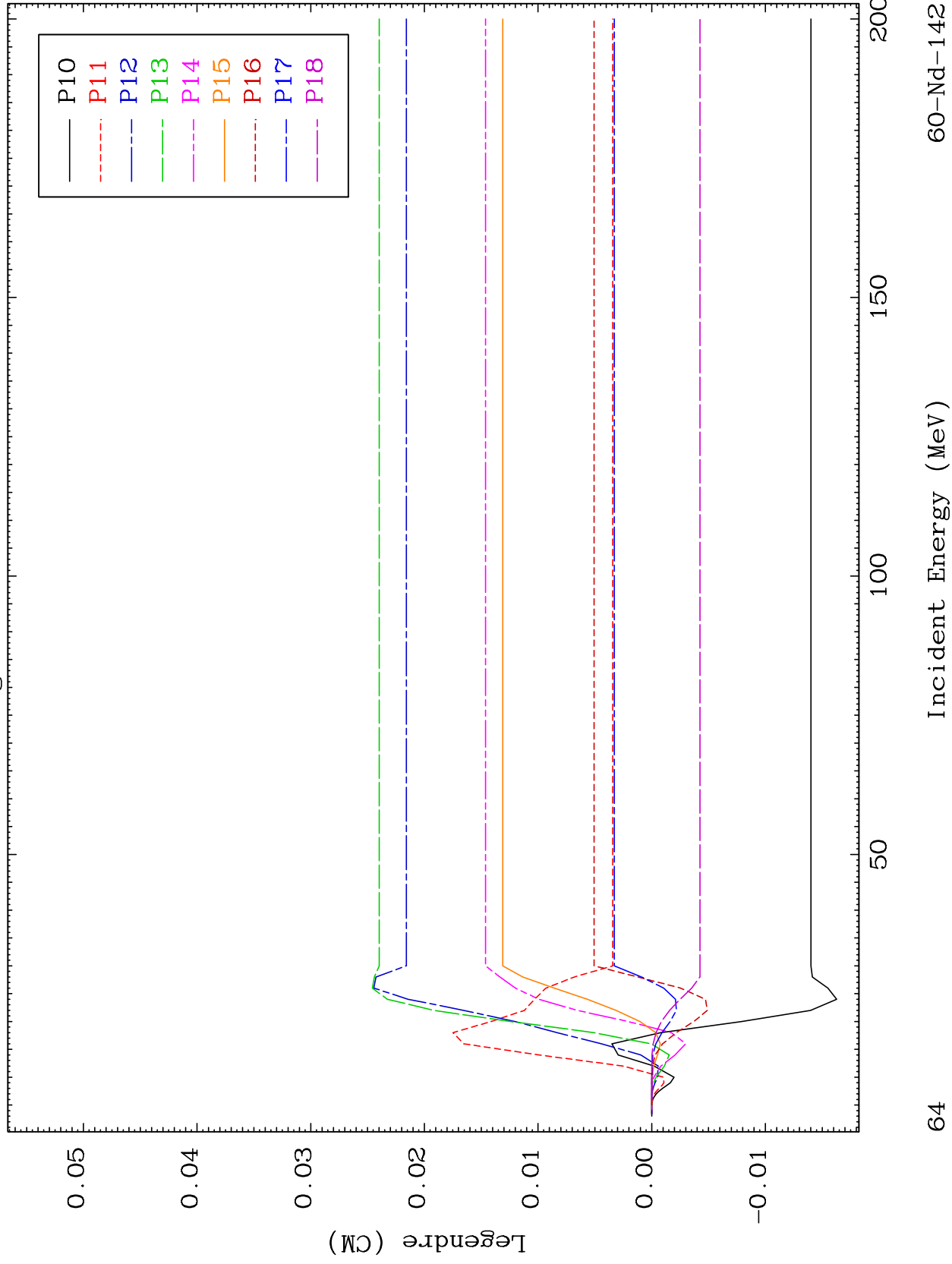




MAT 6025

2.529 MeV (n,n') Level
Legendre Coefficients

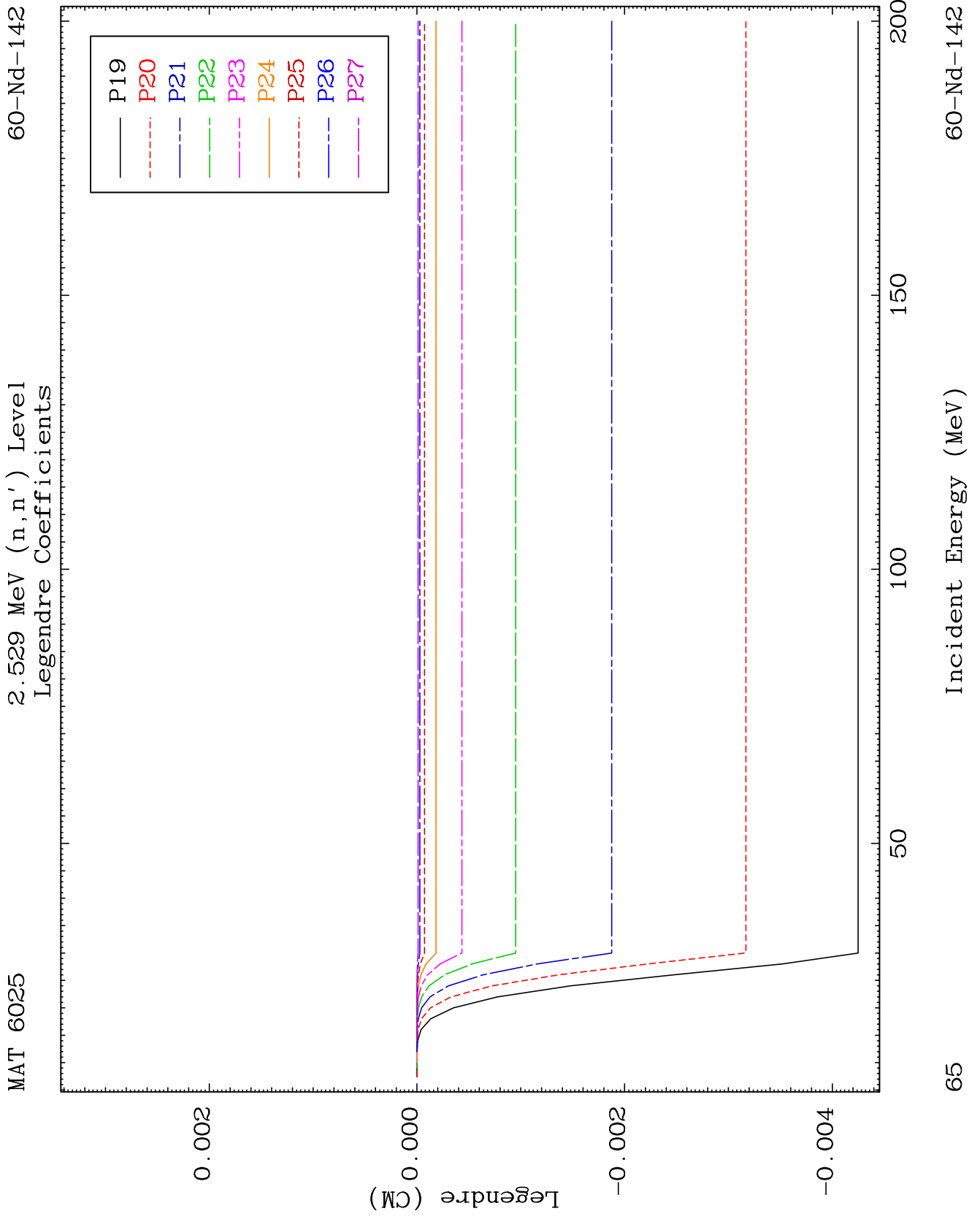
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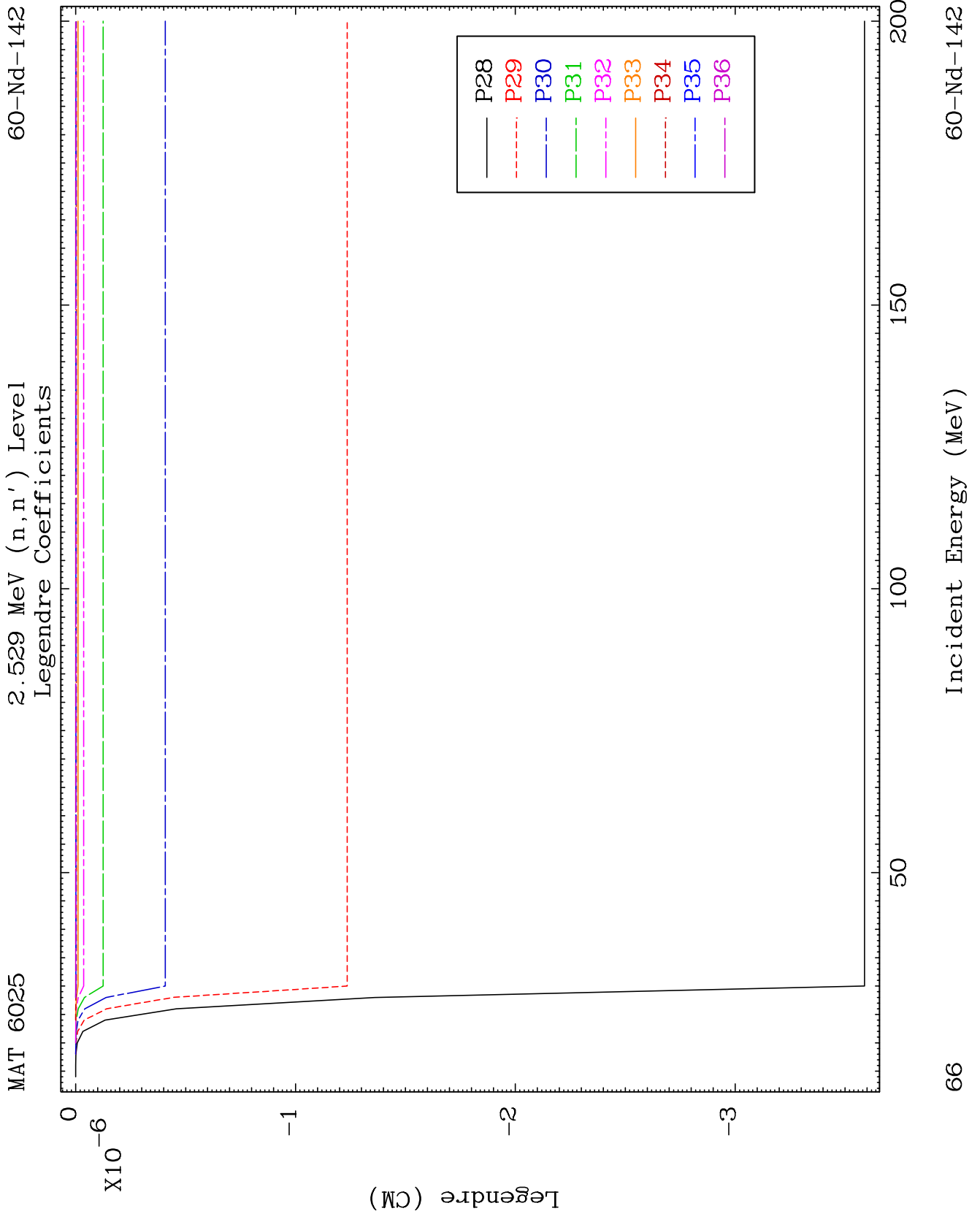


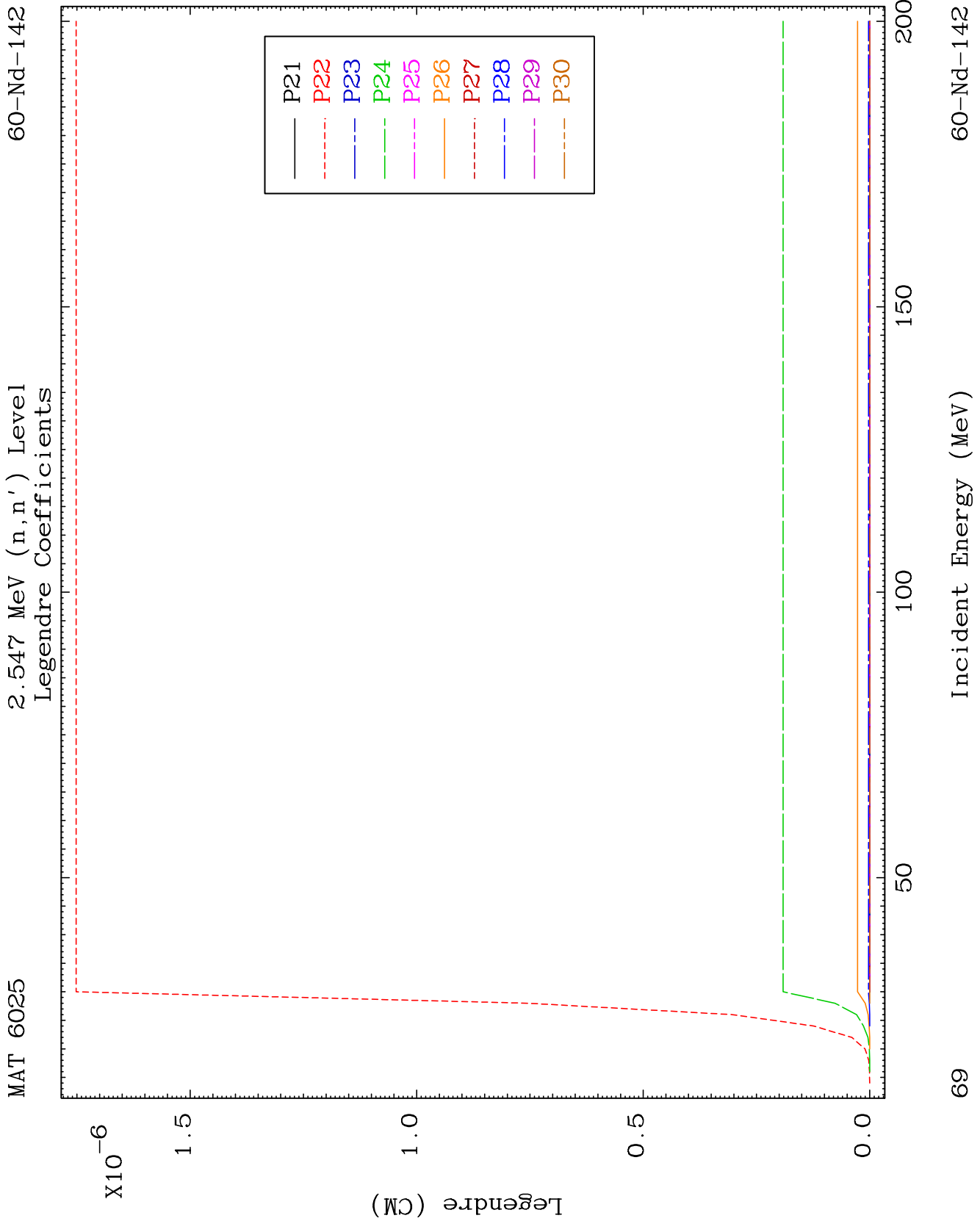
64

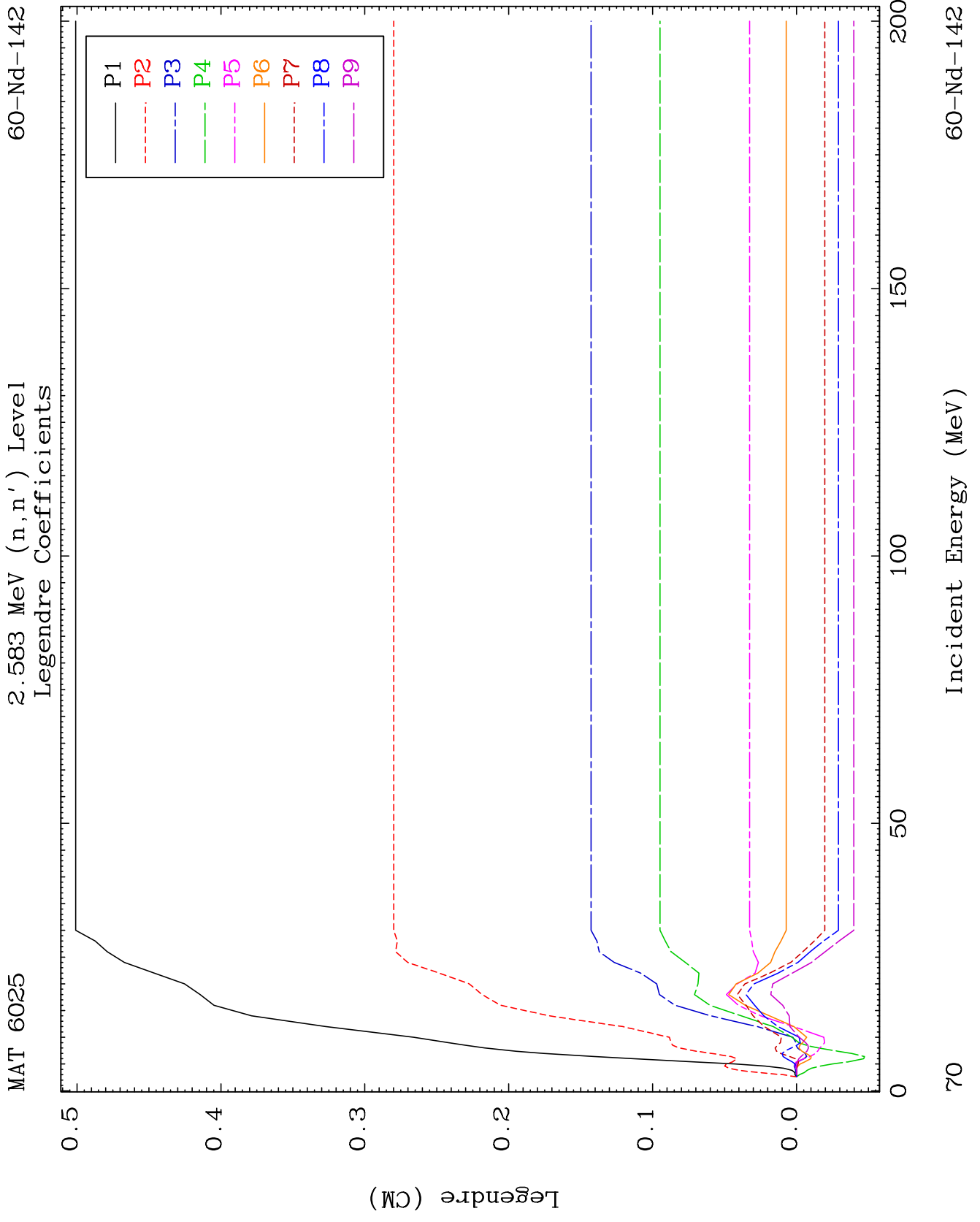
Incident Energy (MeV)

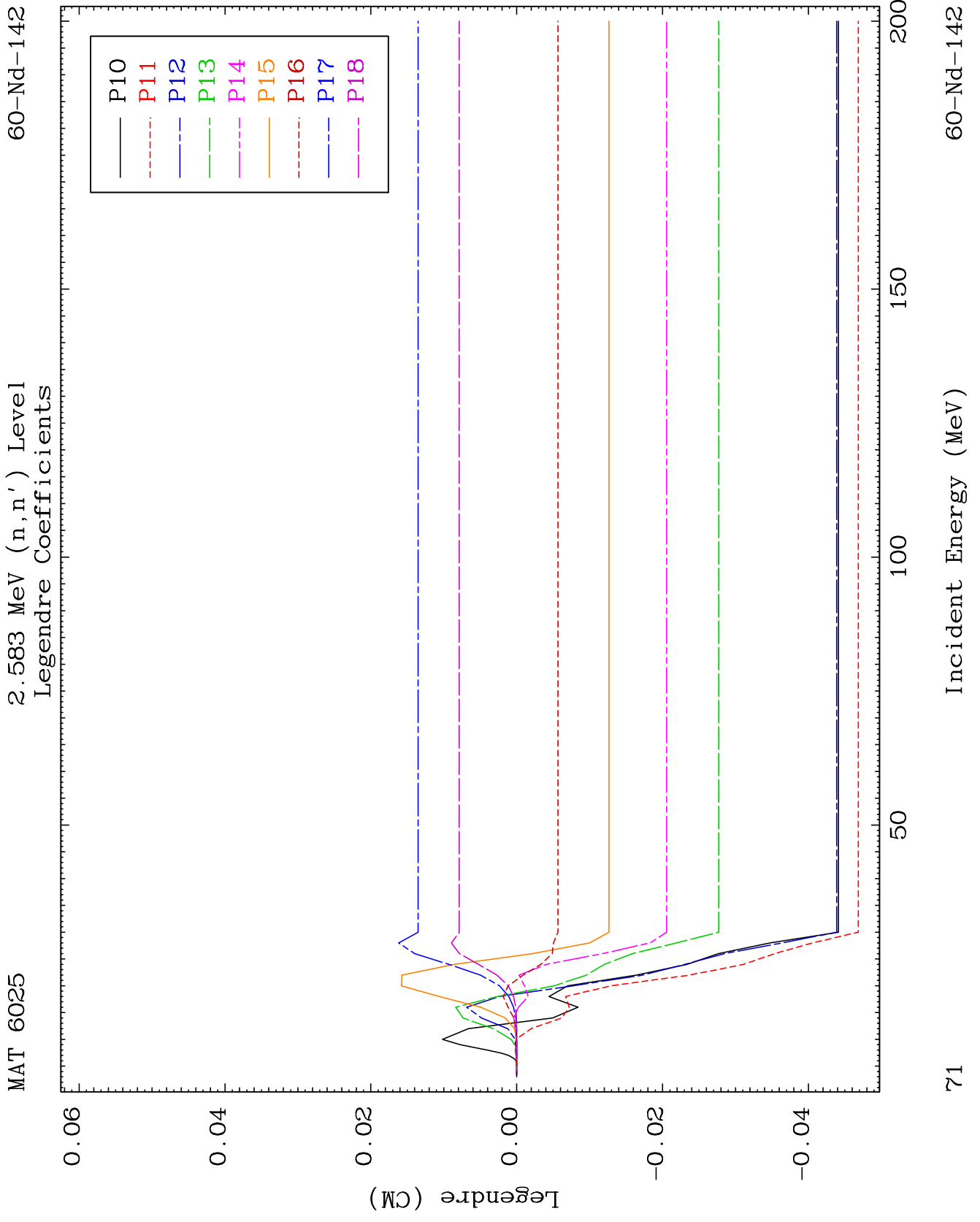
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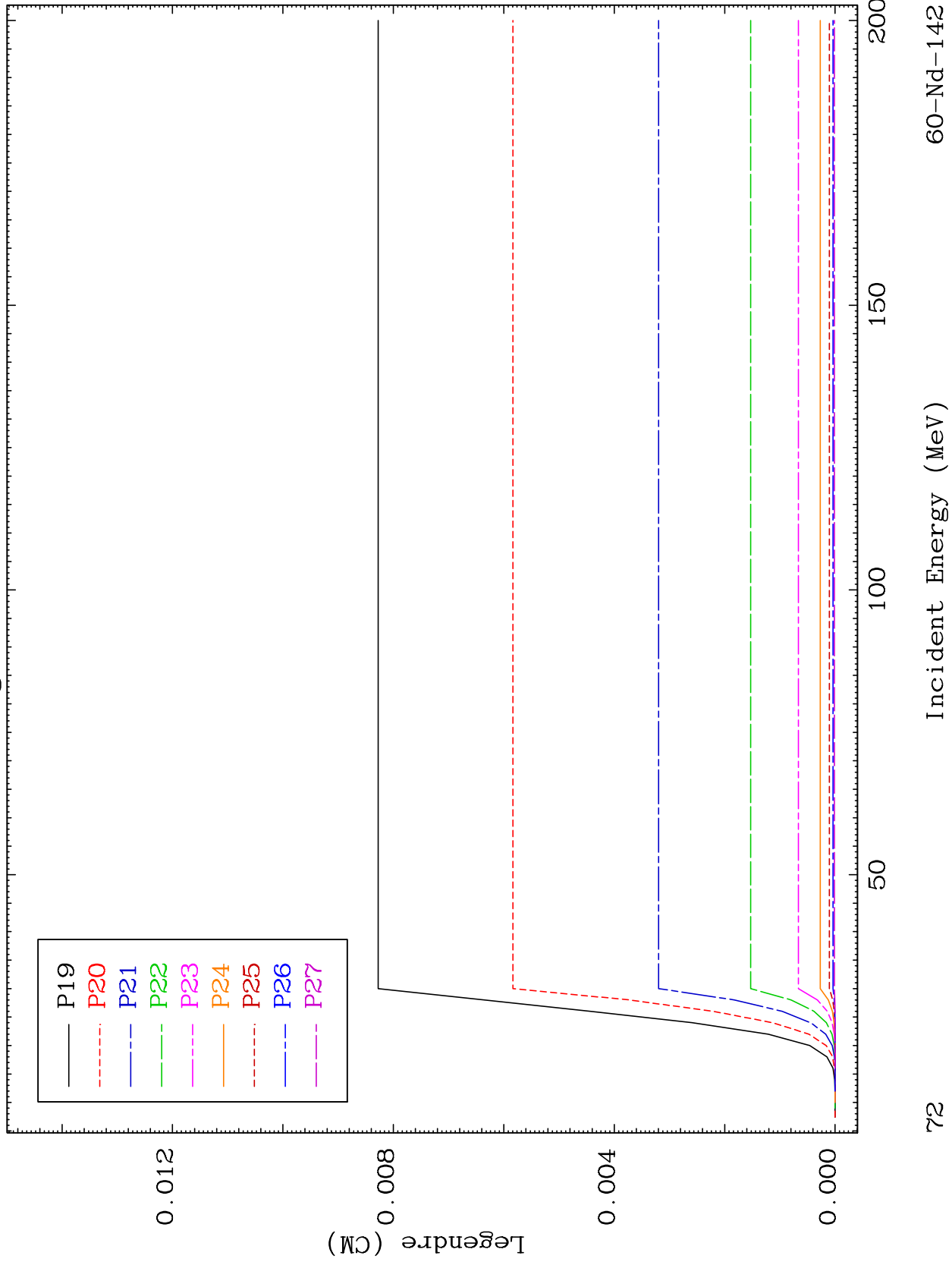


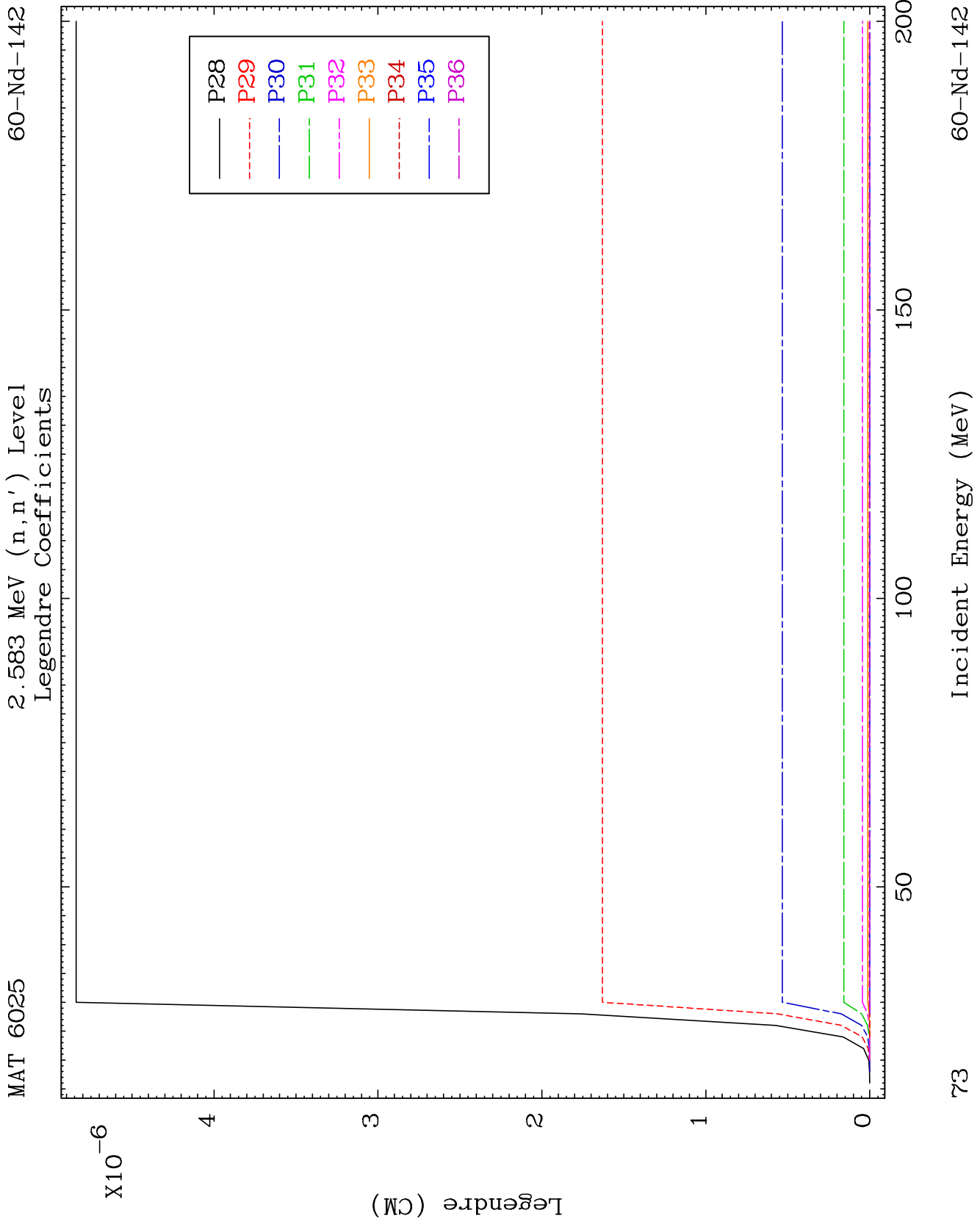


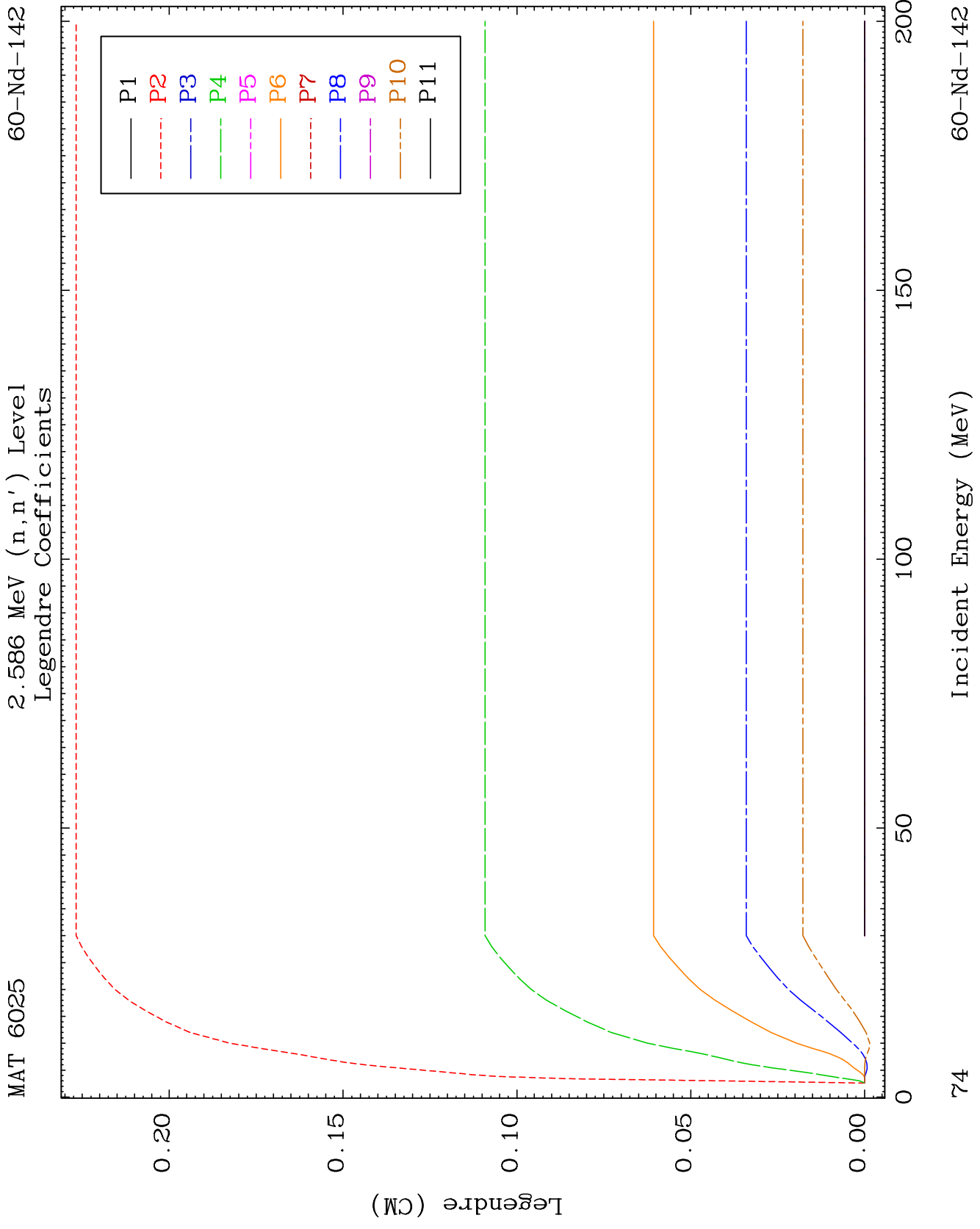
MAT 6025

2.583 MeV (n,n') Level
Legendre Coefficients

60-Nd-142



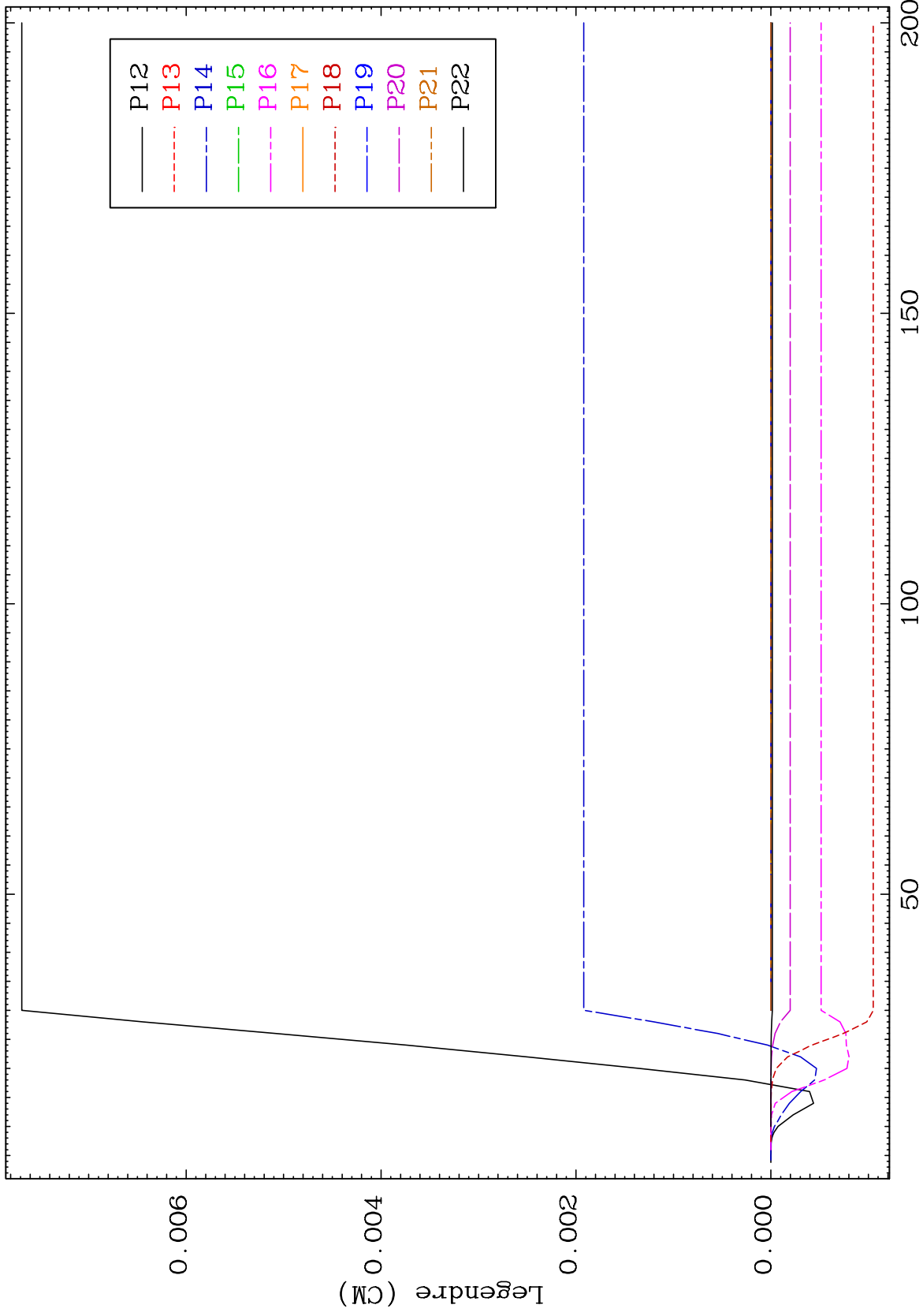




MAT 6025

2.586 MeV (n, n') Level
Legendre Coefficients

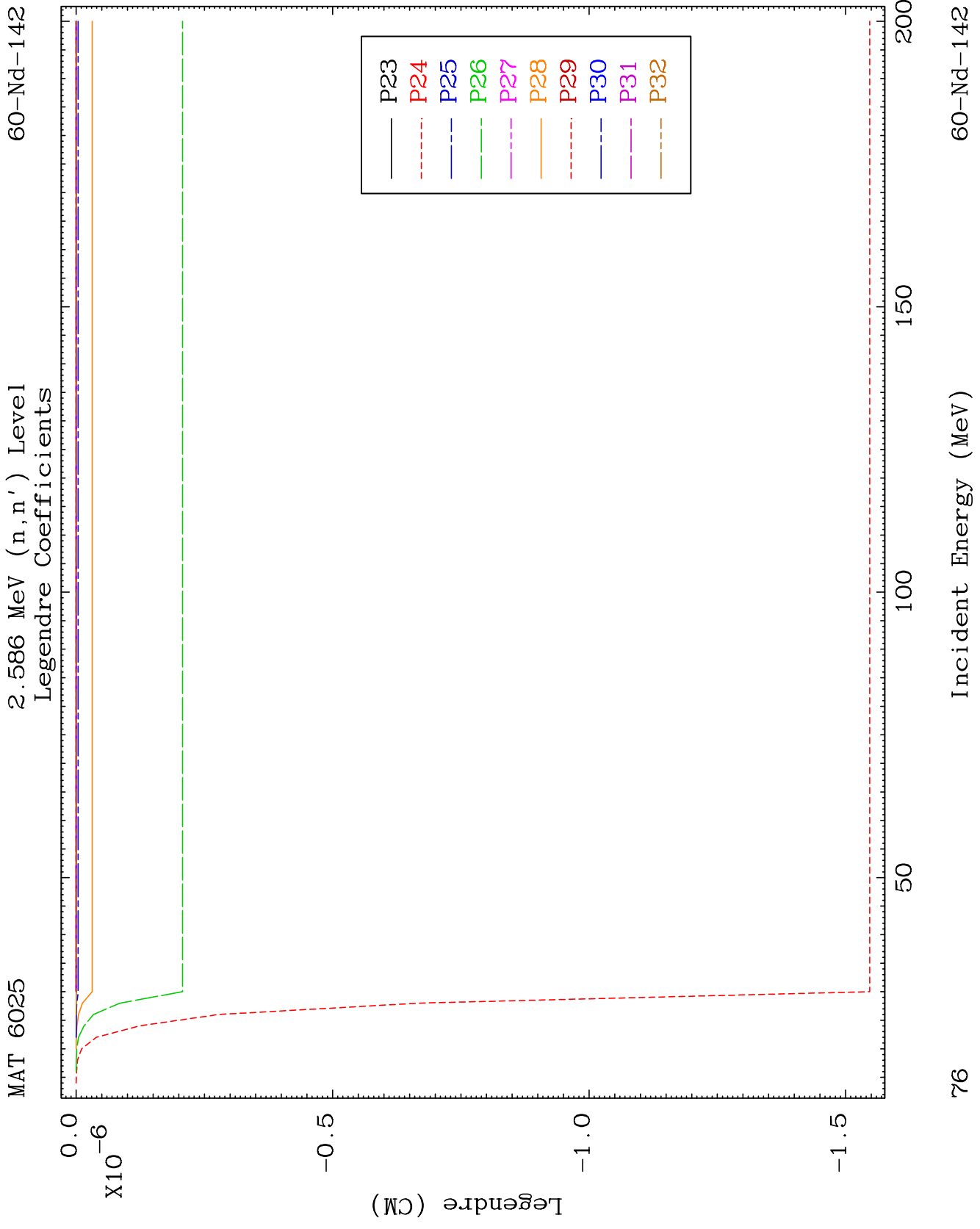
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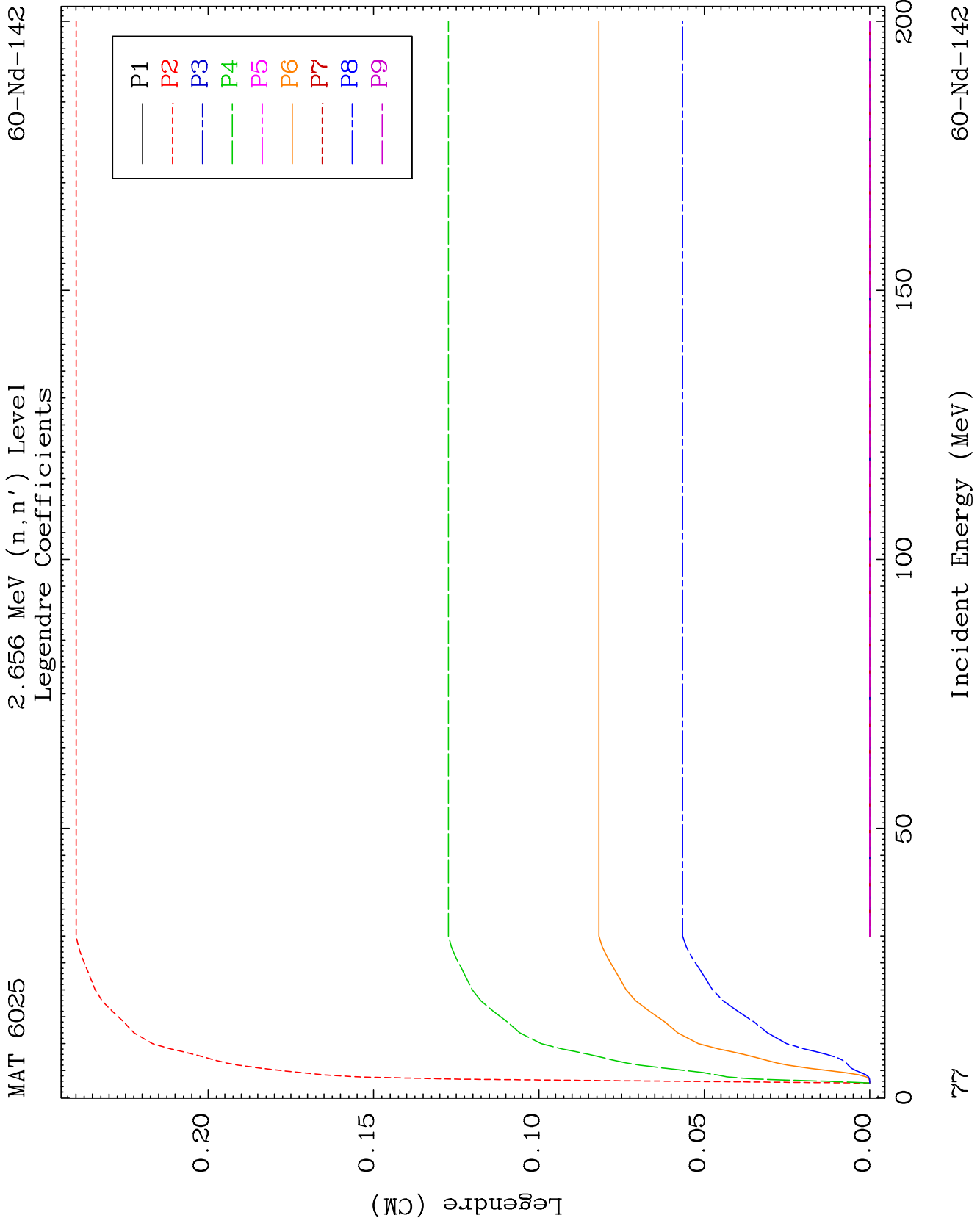


75

Incident Energy (MeV)

60-Nd-142

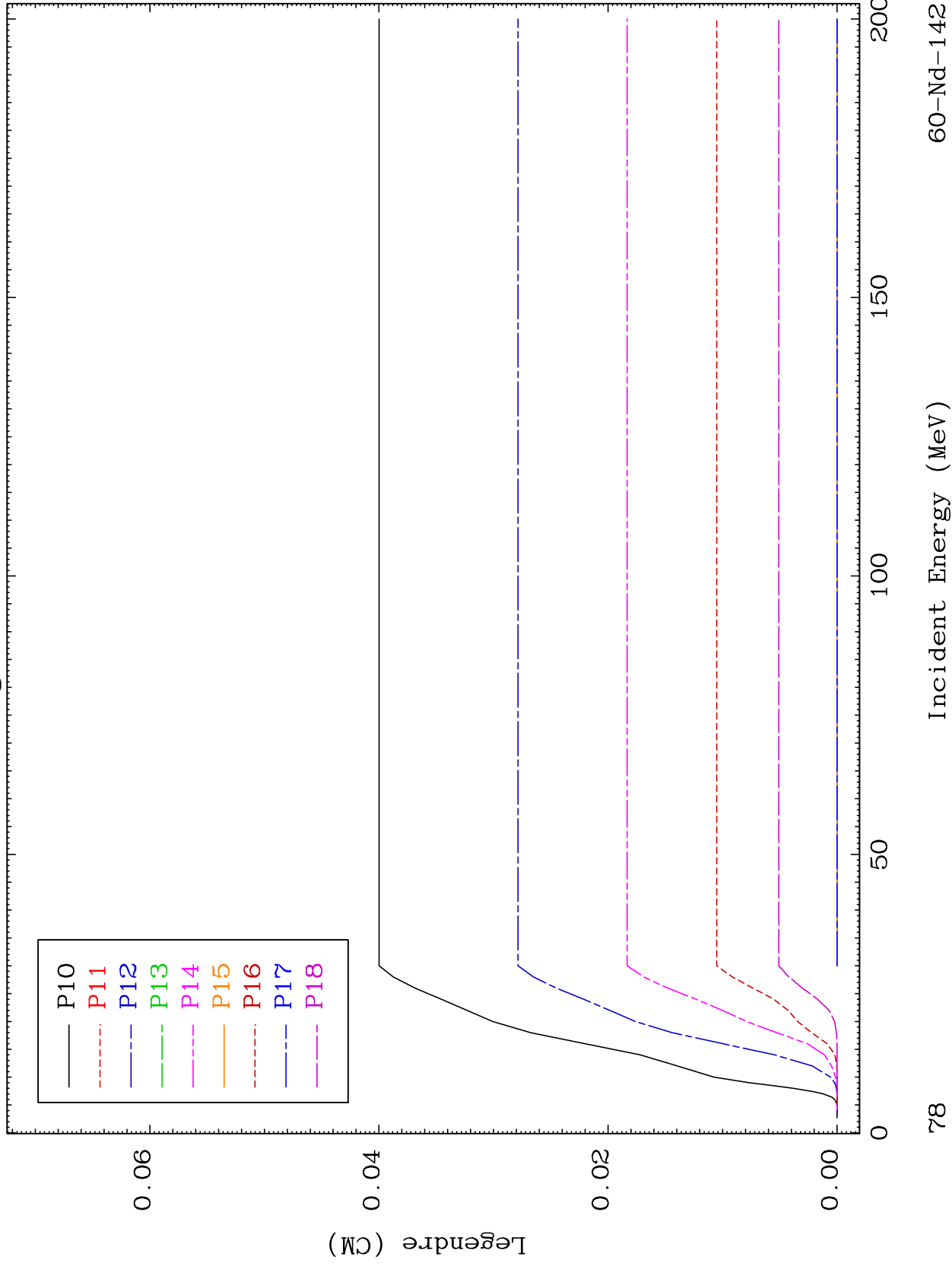




MAT 6025

2.656 MeV (n,n') Level
Legendre Coefficients

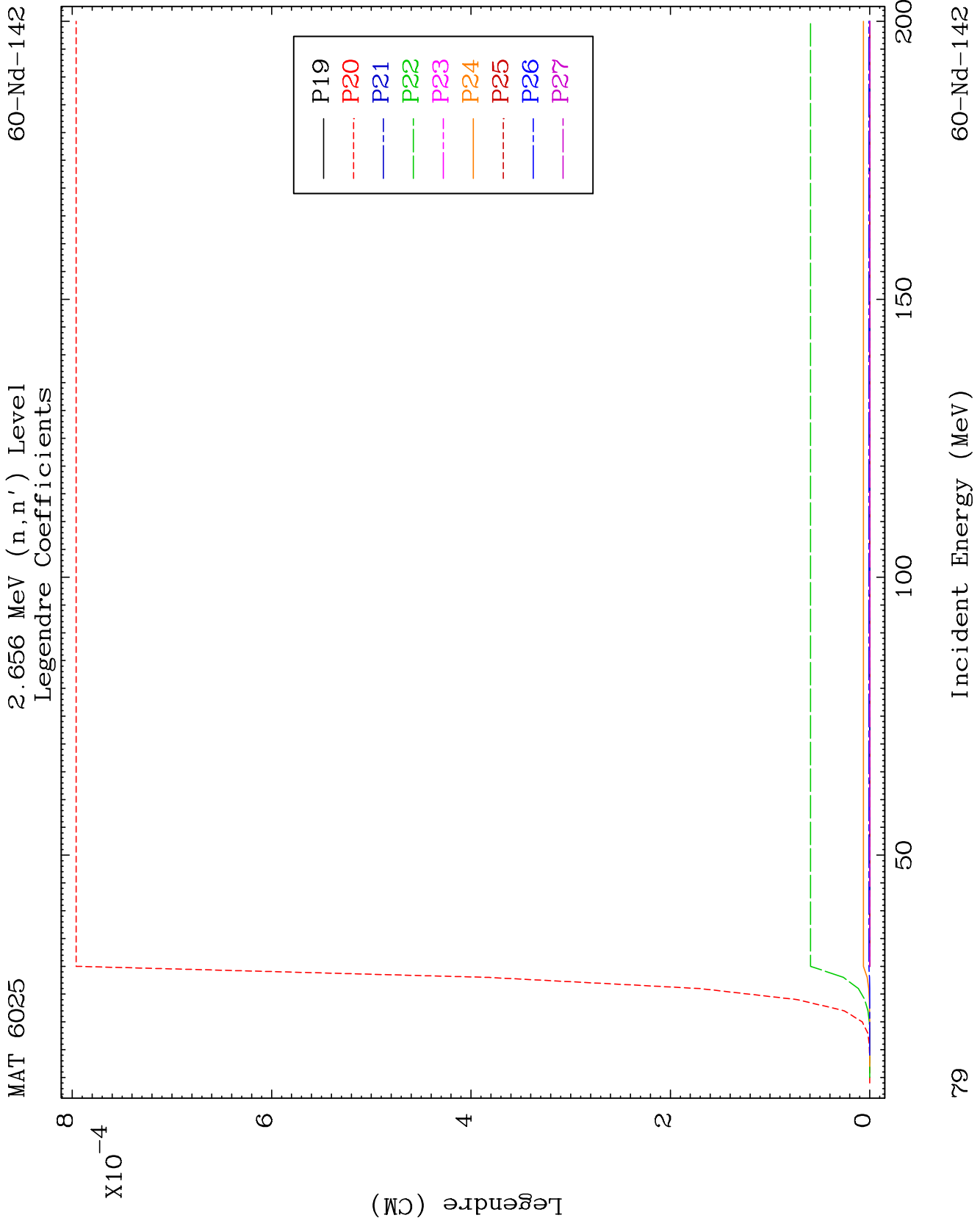
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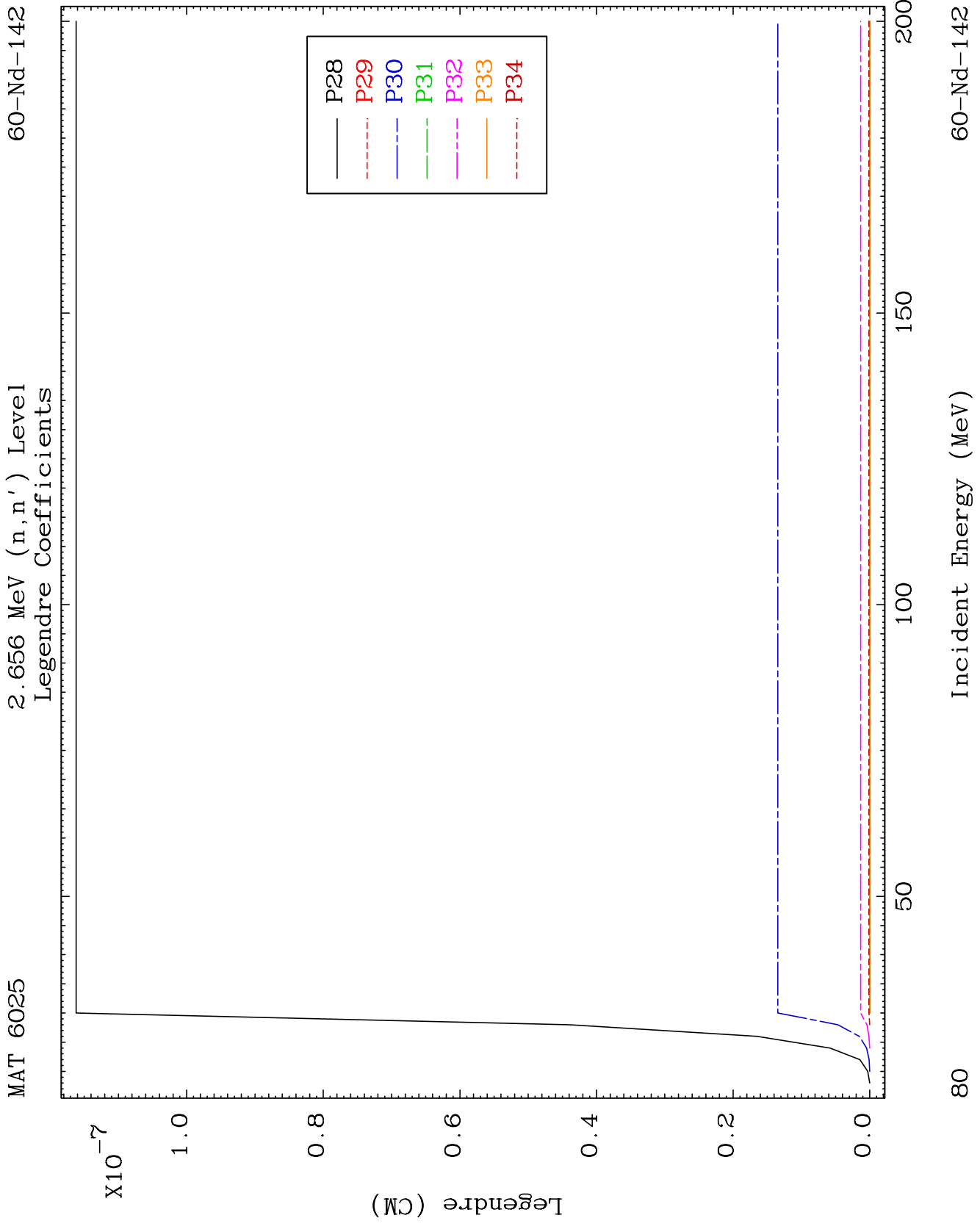


60-Nd-142

Incident Energy (MeV)

78

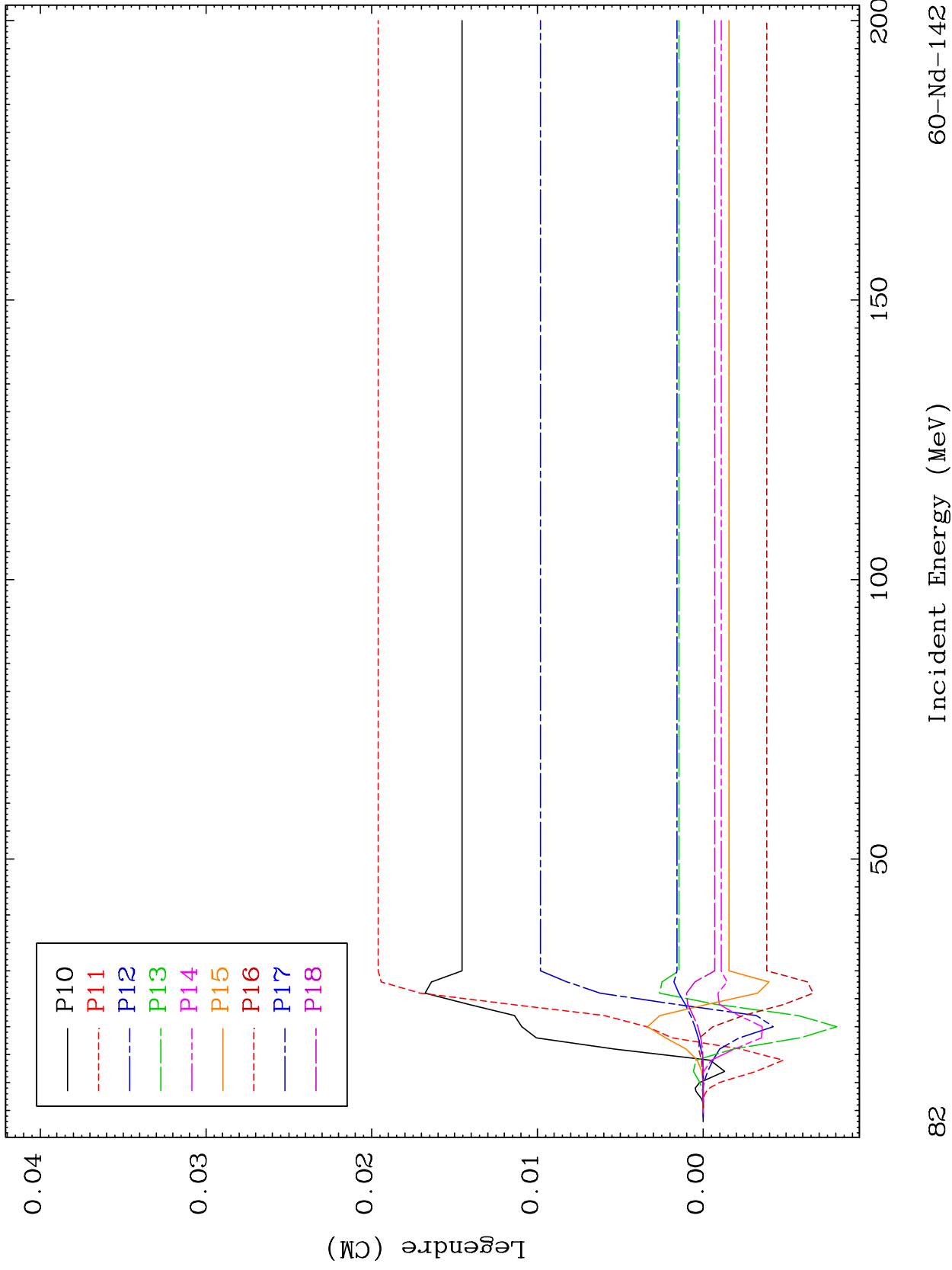




MAT 6025

2.737 MeV (n,n') Level
Legendre Coefficients

60-Nd-142



82

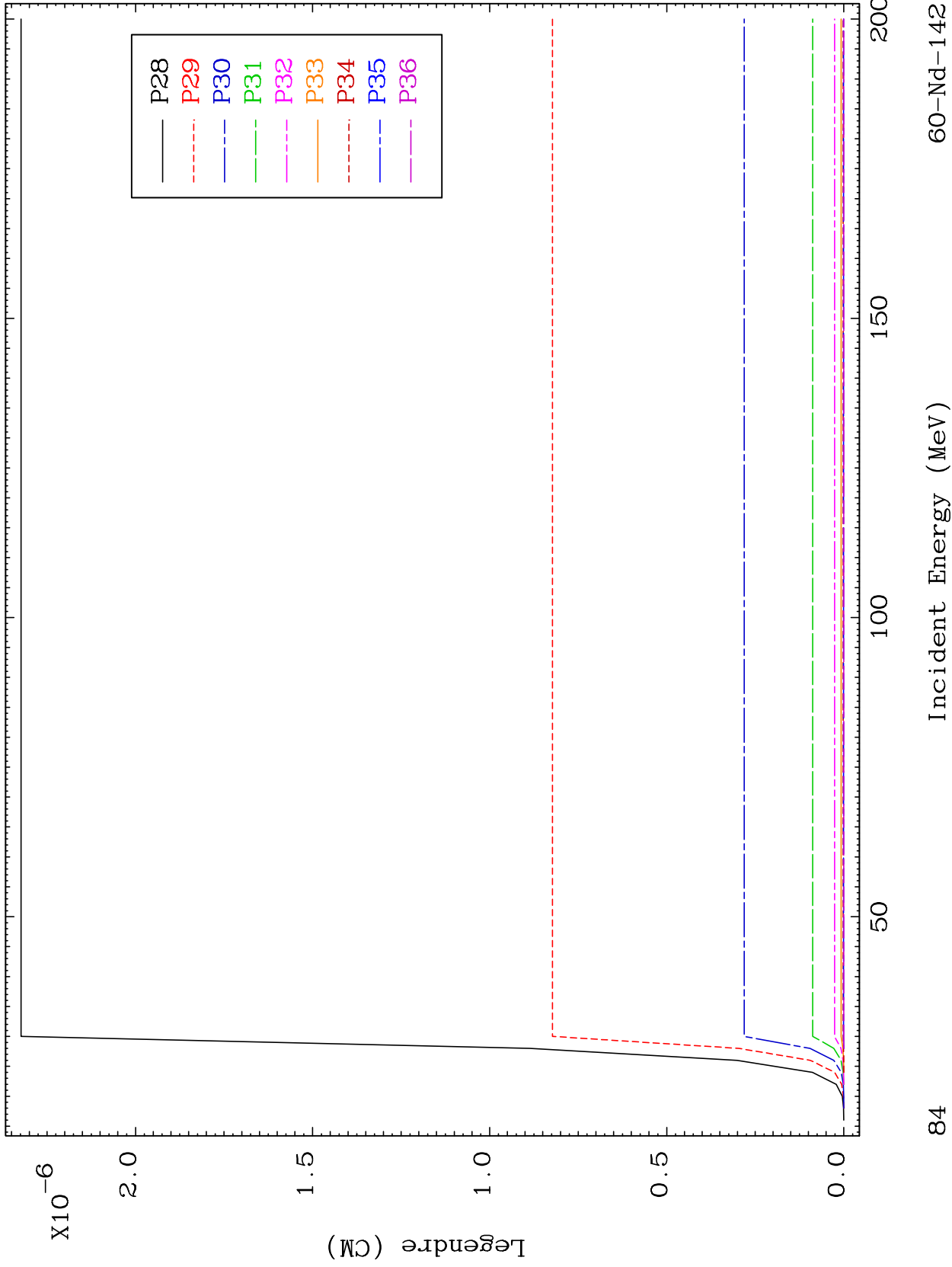
Incident Energy (MeV)

60-Nd-142

MAT 6025

2.737 MeV (n, n') Level
Legendre Coefficients

60-Nd-142



84

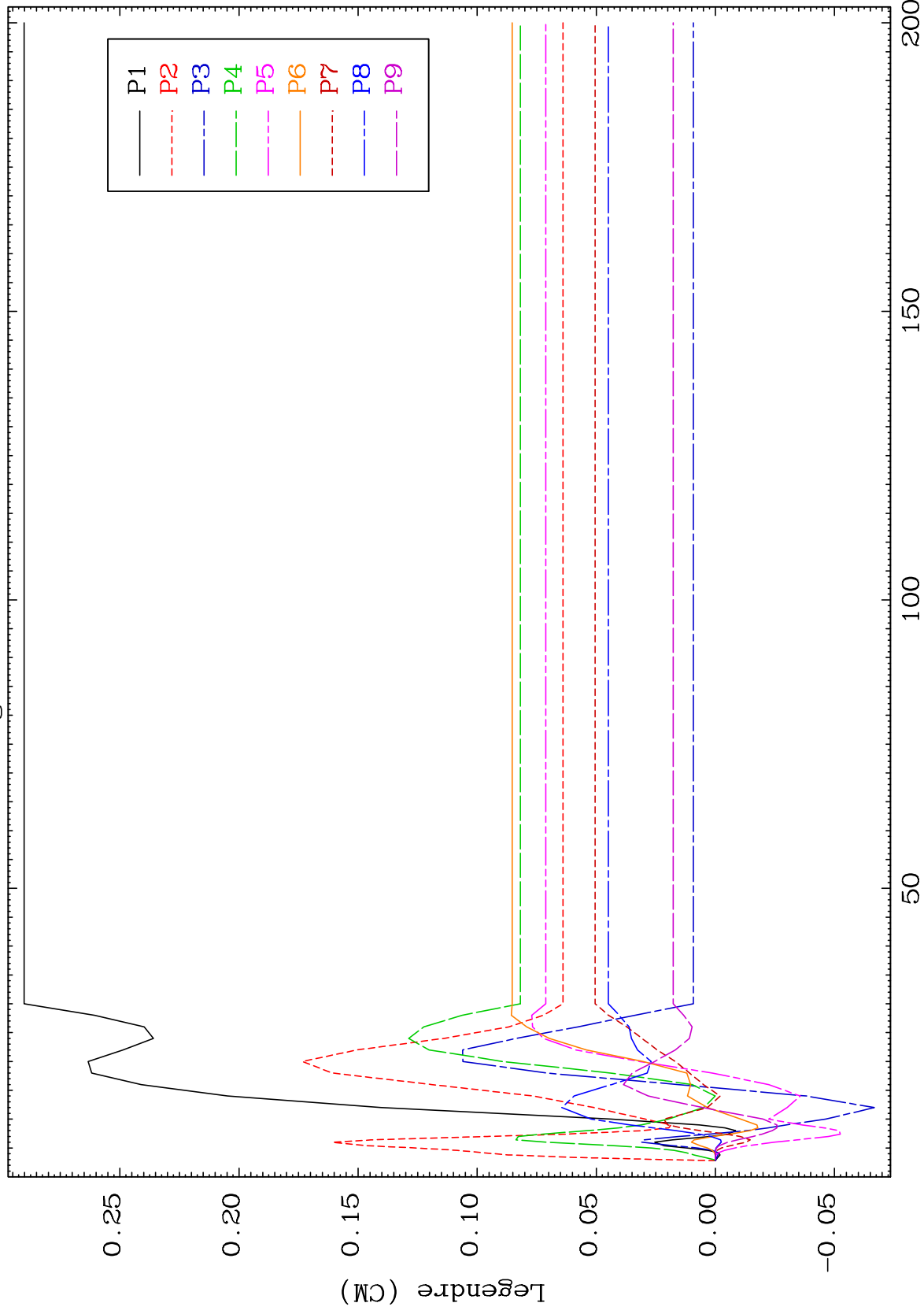
Incident Energy (MeV)

60-Nd-142

MAT 6025

2.776 MeV (n,n') Level
Legendre Coefficients

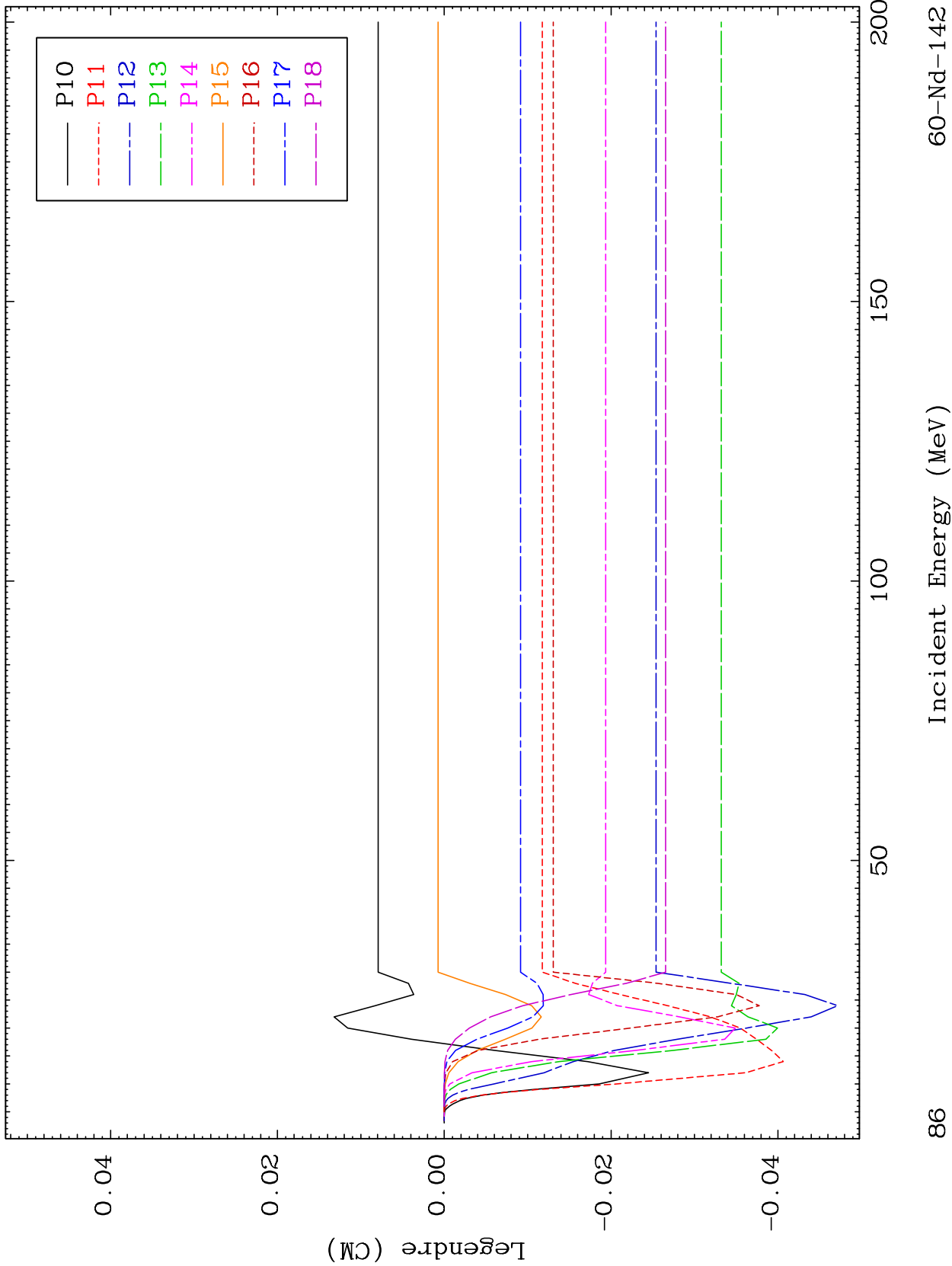
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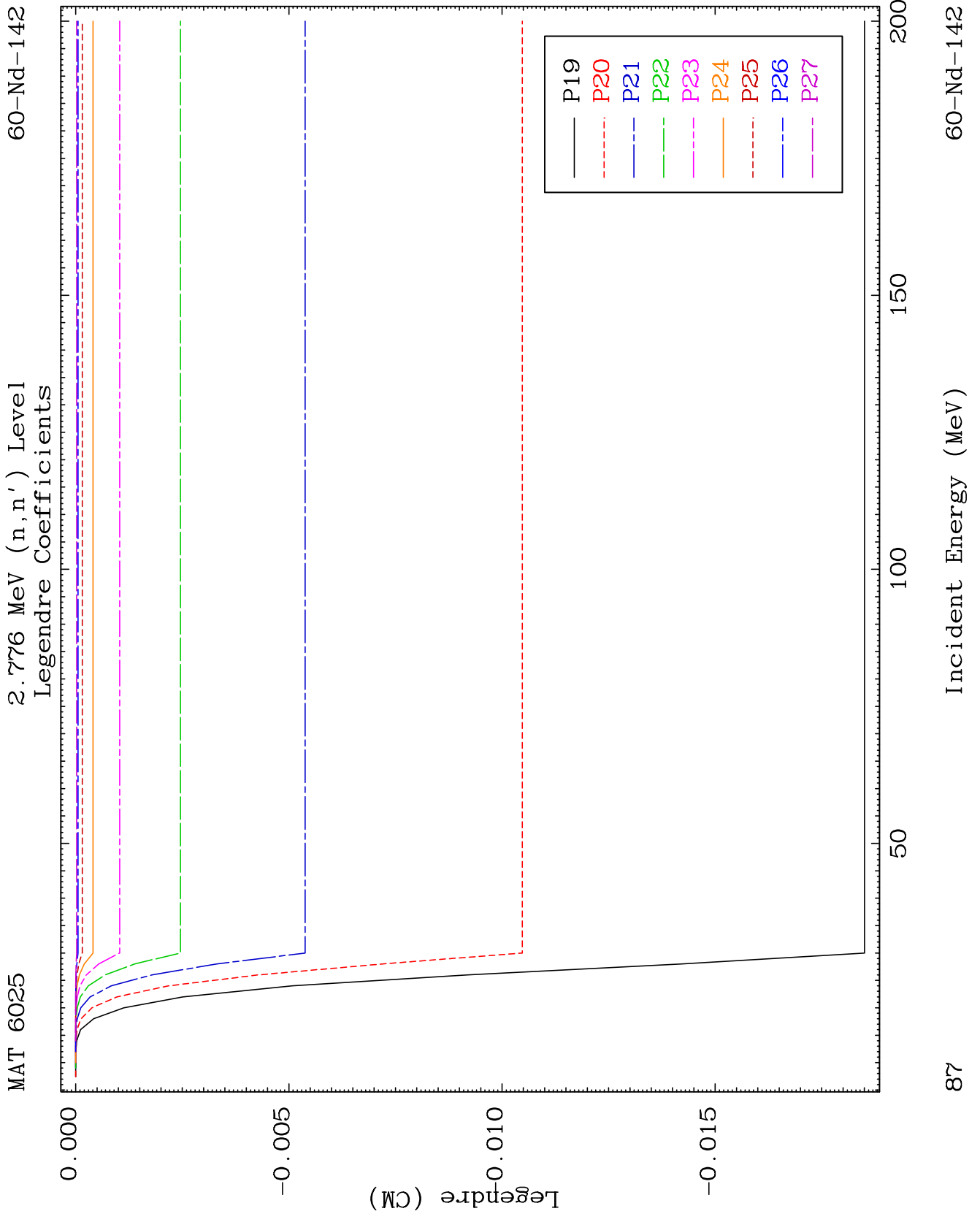


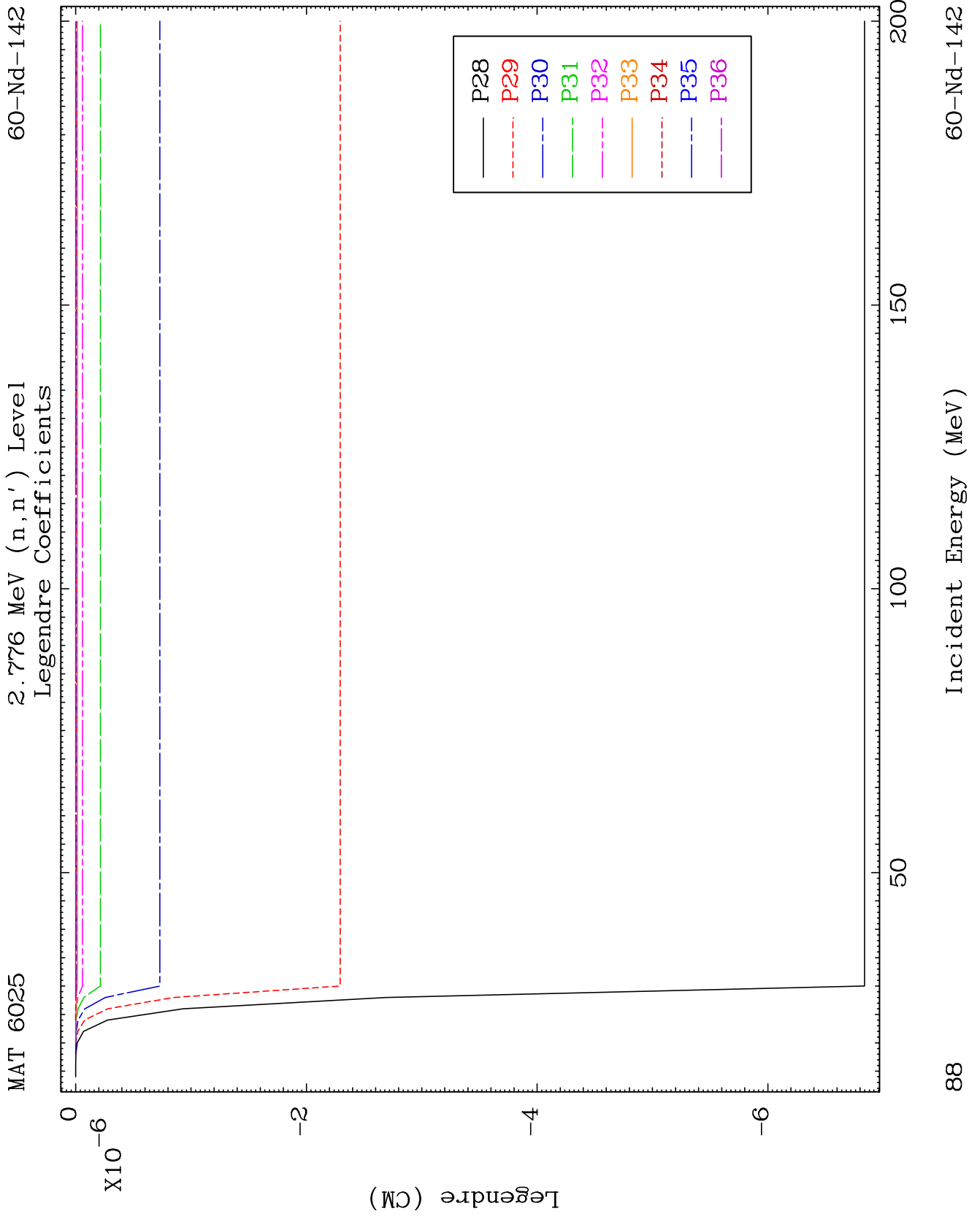
85

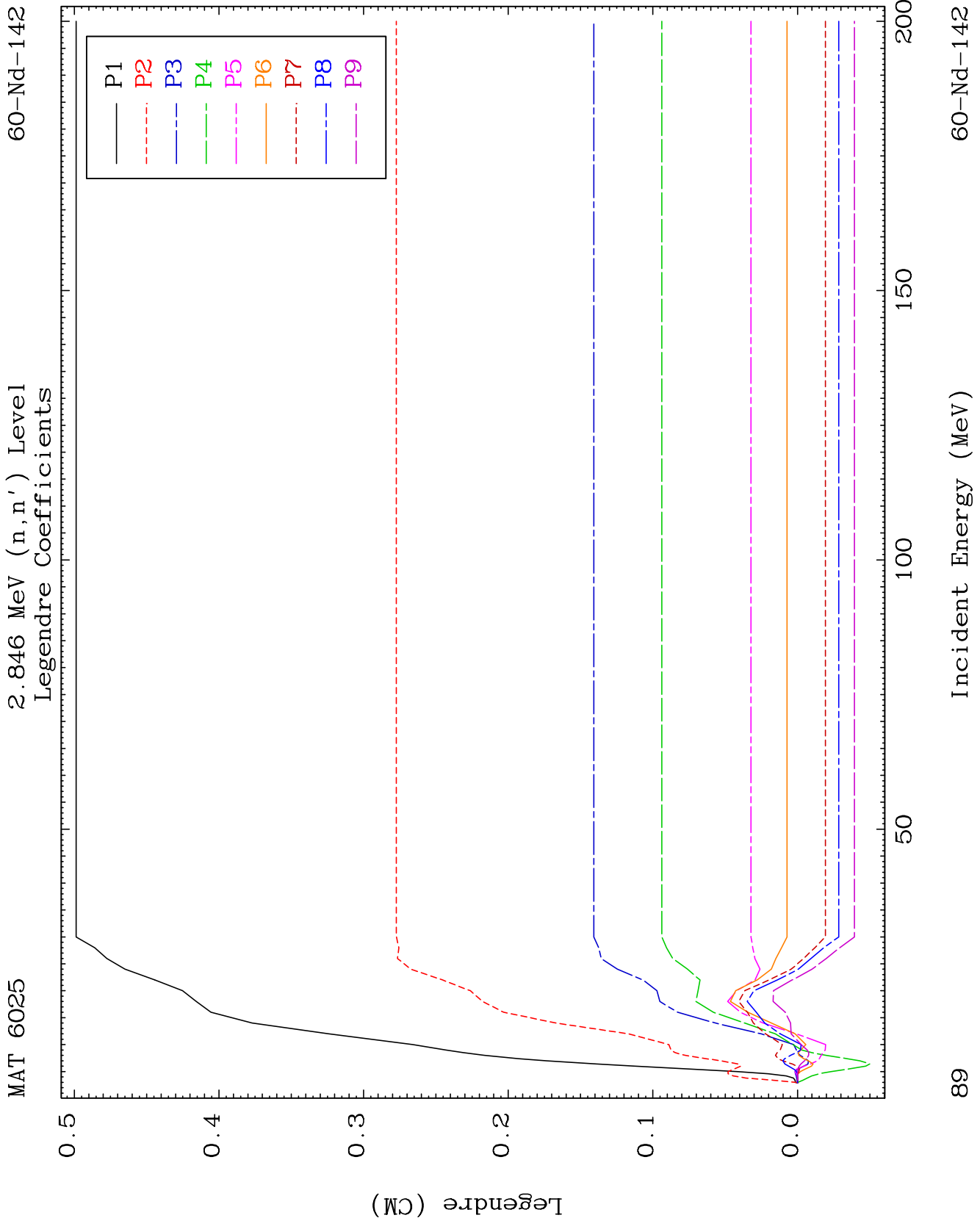
Incident Energy (MeV)

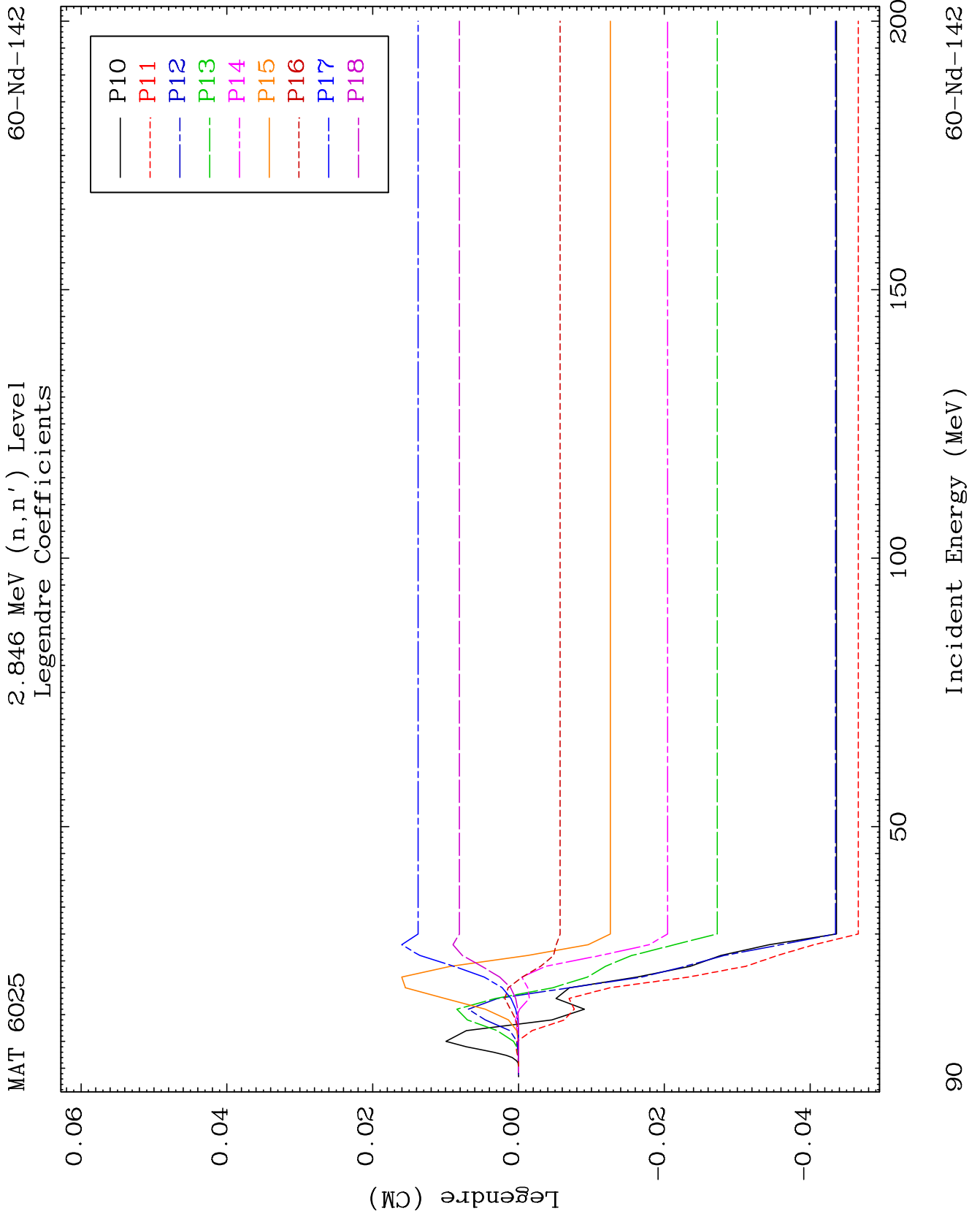
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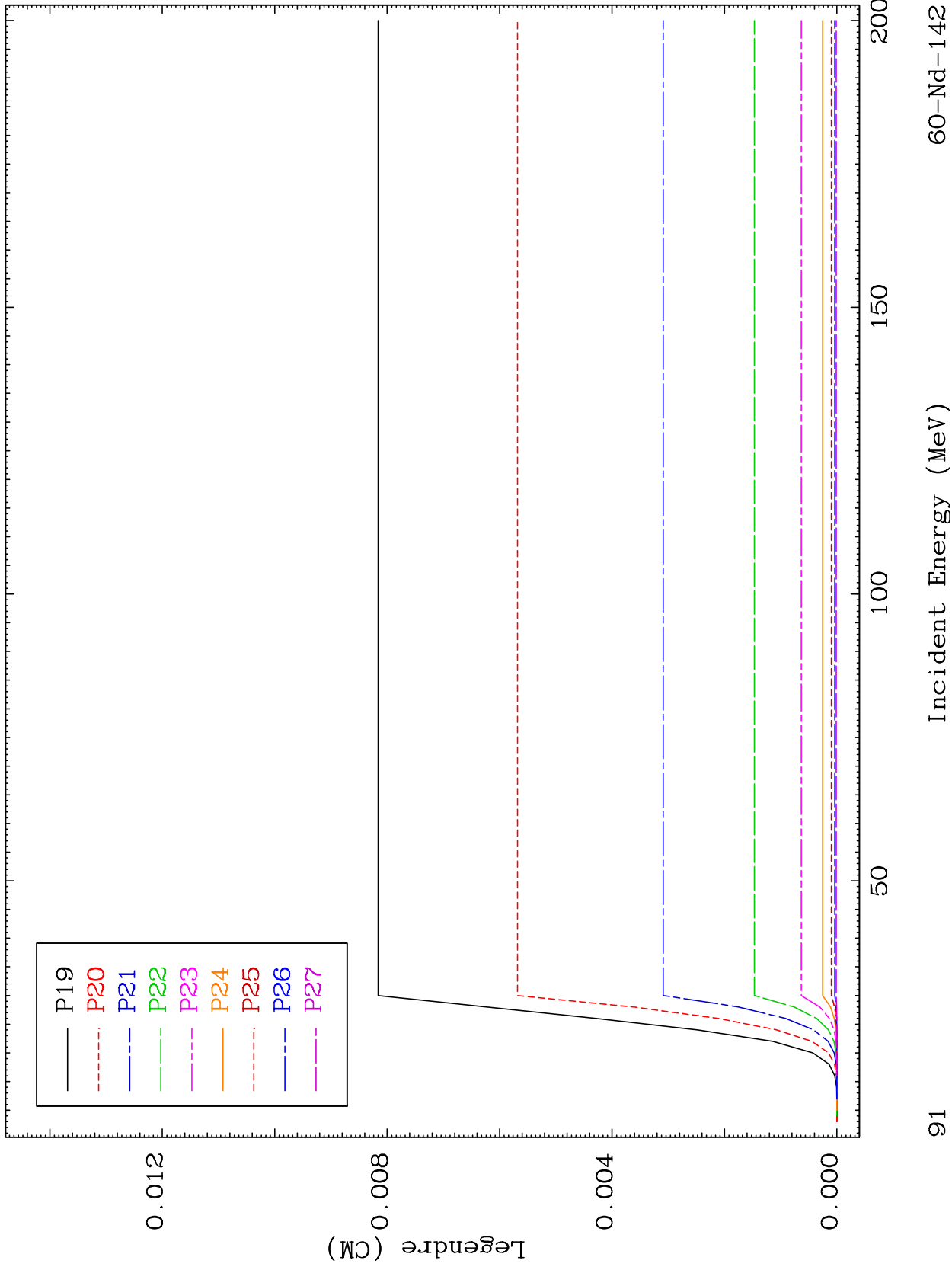




MAT 6025

2.846 MeV (n,n') Level
Legendre Coefficients

60-Nd-142



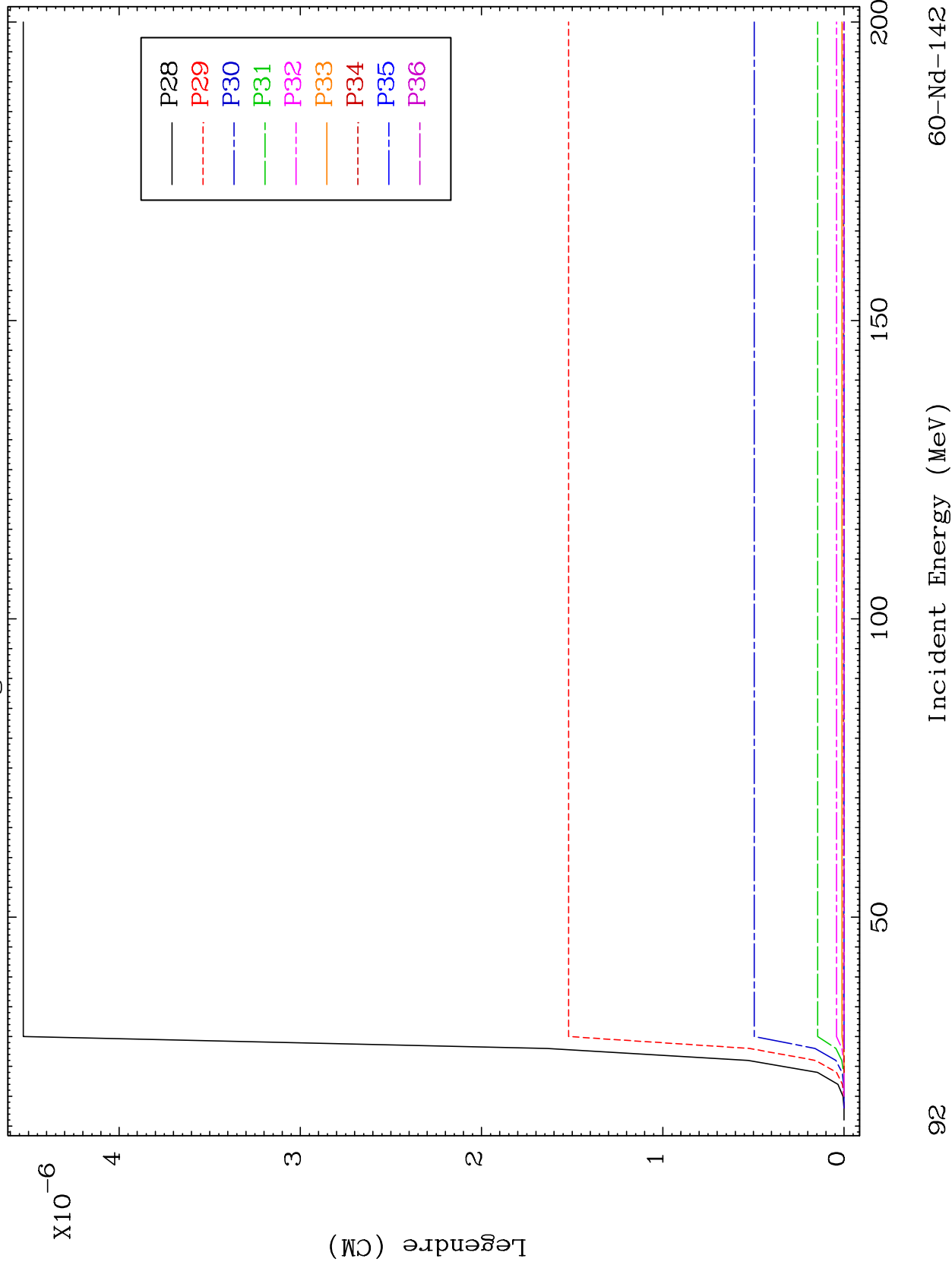
91

60-Nd-142

MAT 6025

2.846 MeV (n, n') Level
Legendre Coefficients

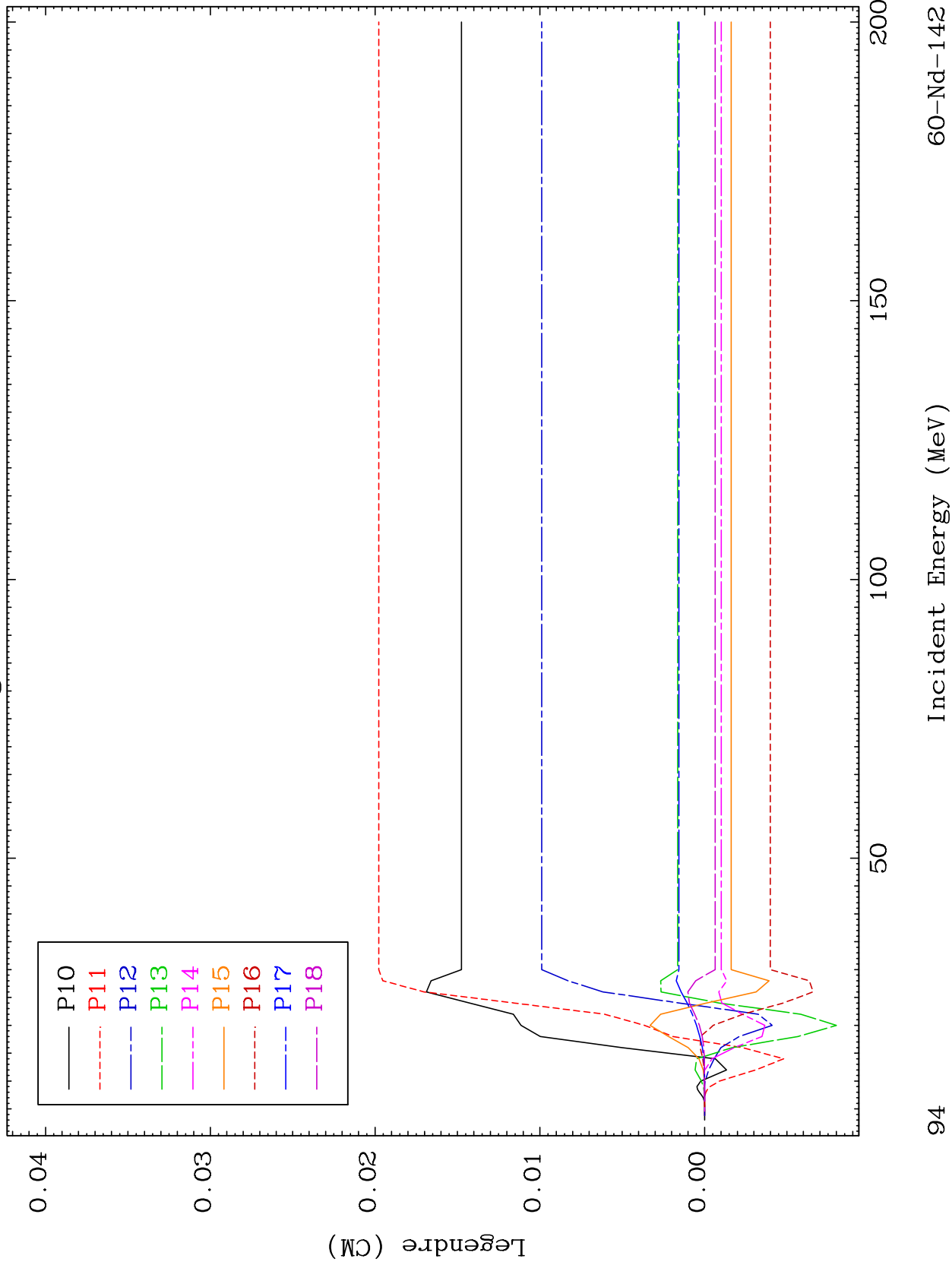
60-Nd-142



MAT 6025

2.873 MeV (n,n') Level
Legendre Coefficients

60-Nd-142



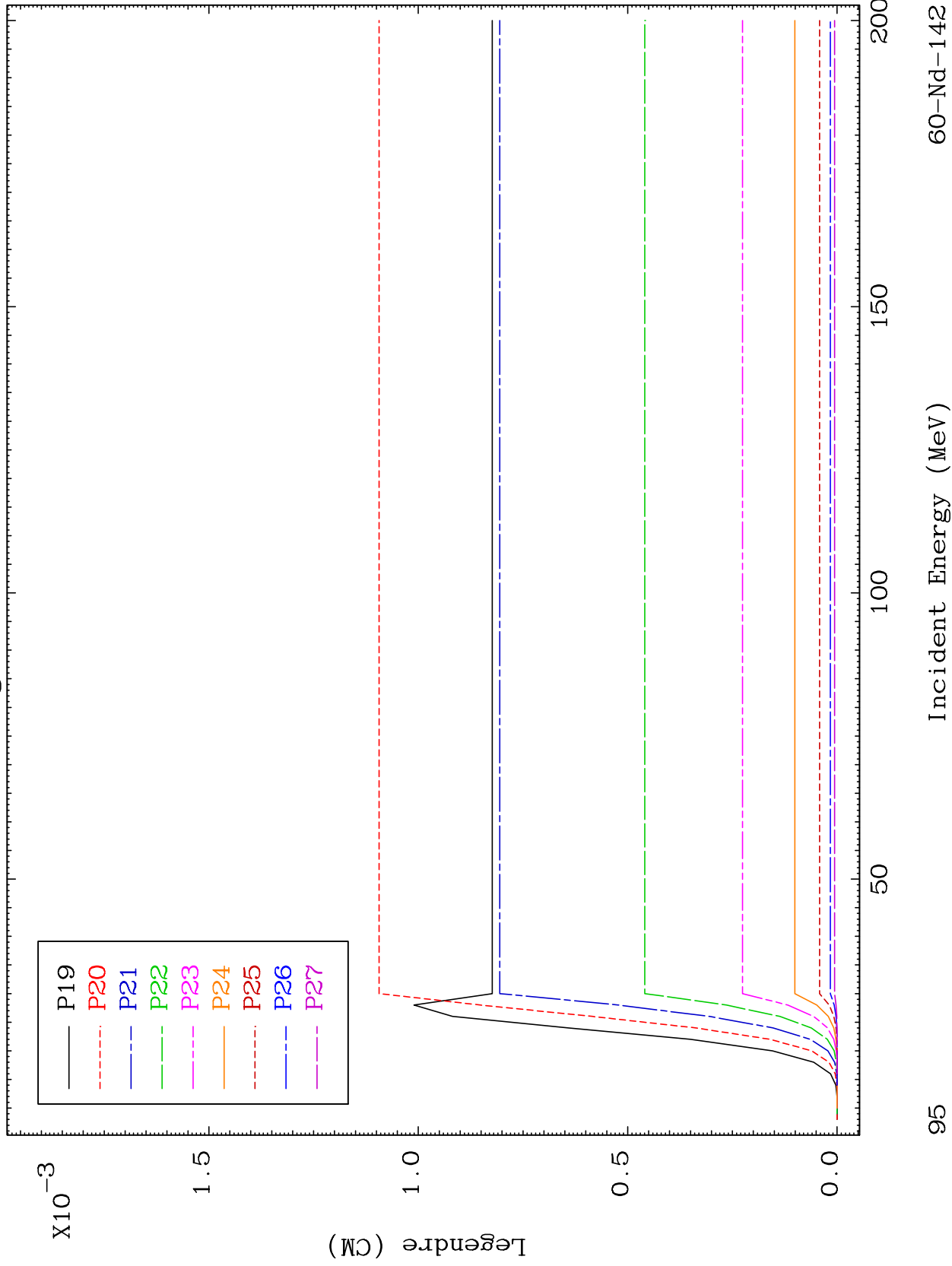
94

60-Nd-142

MAT 6025

2.873 MeV (n, n') Level
Legendre Coefficients

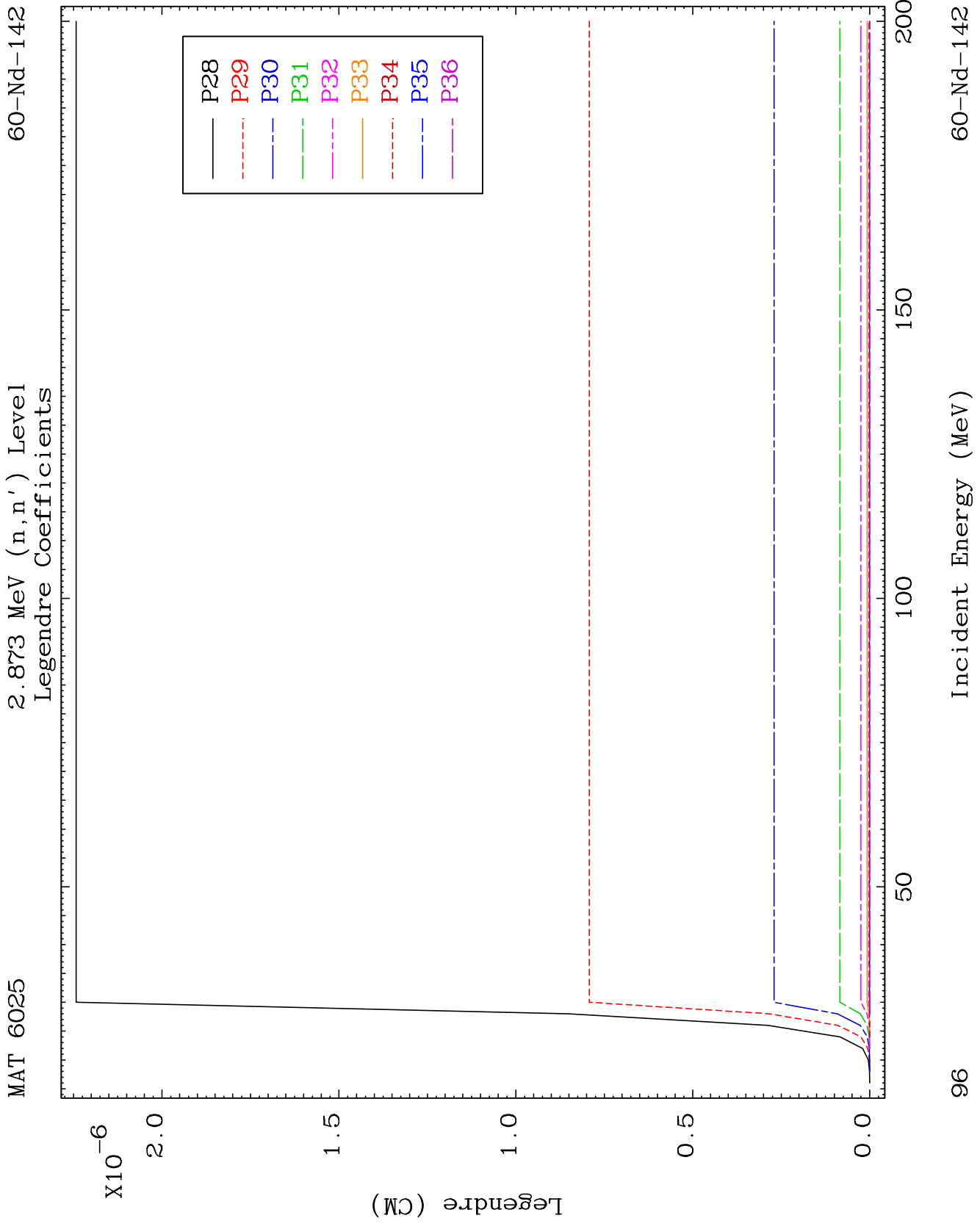
60-Nd-142

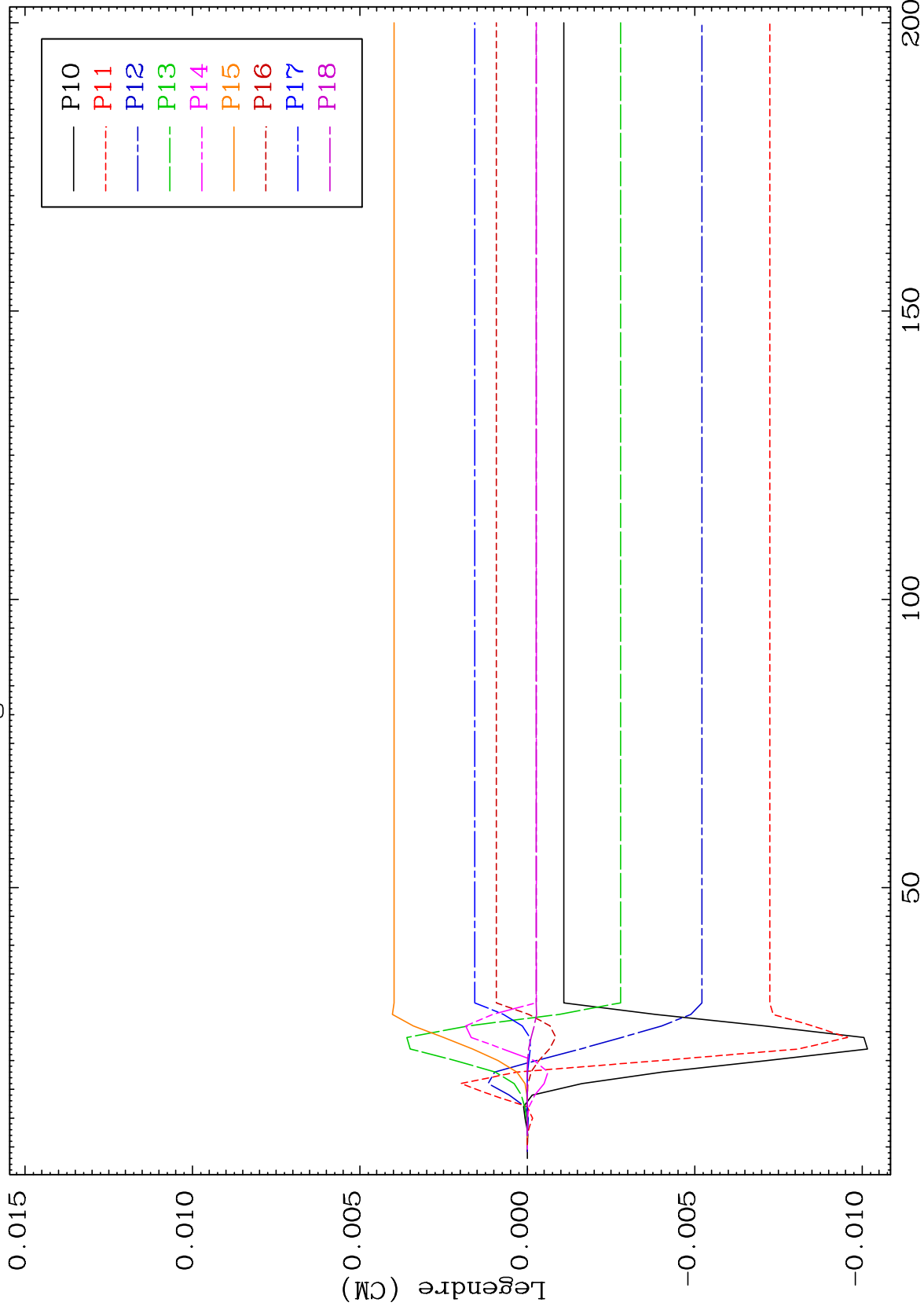


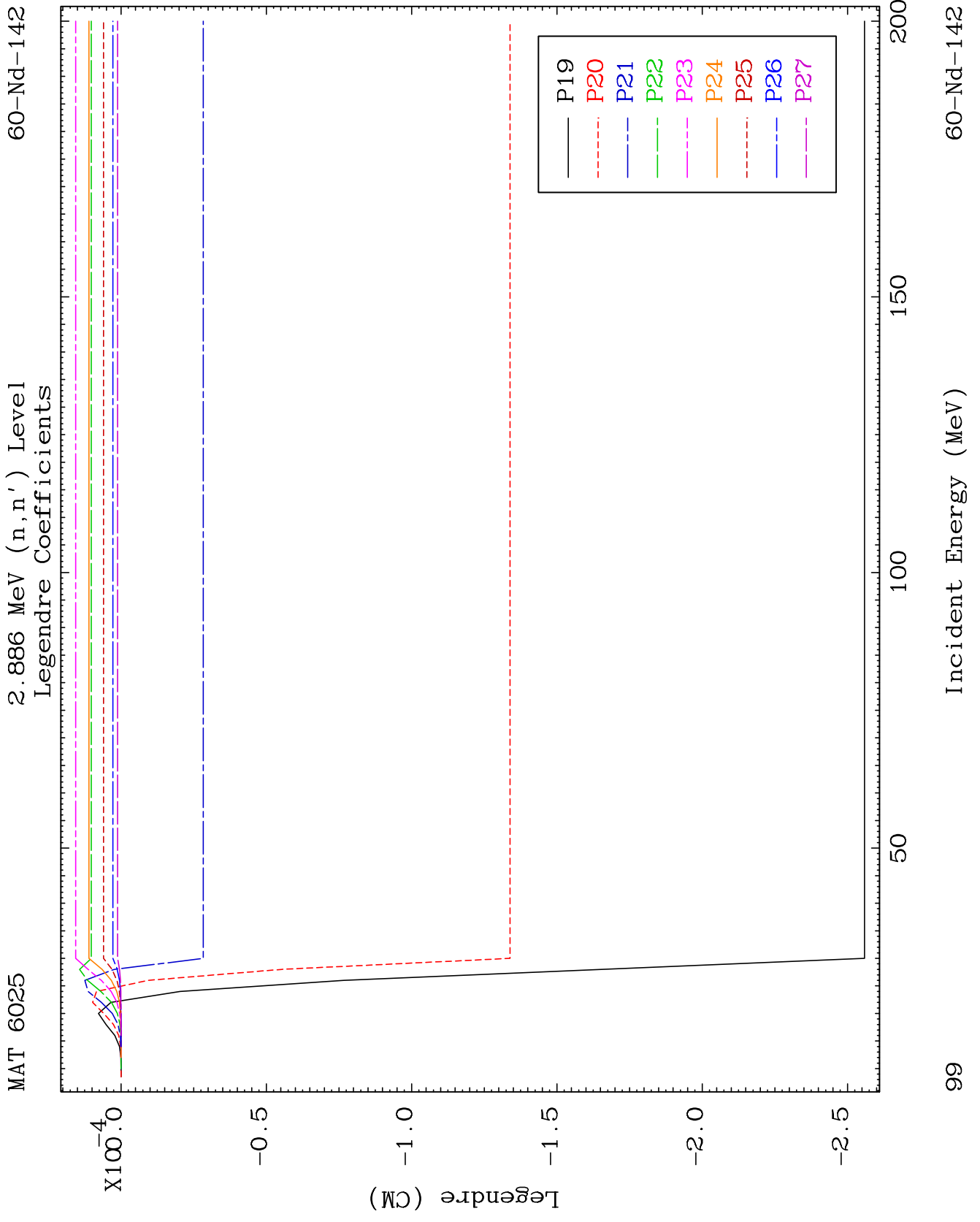
95

Incident Energy (MeV)

60-Nd-142



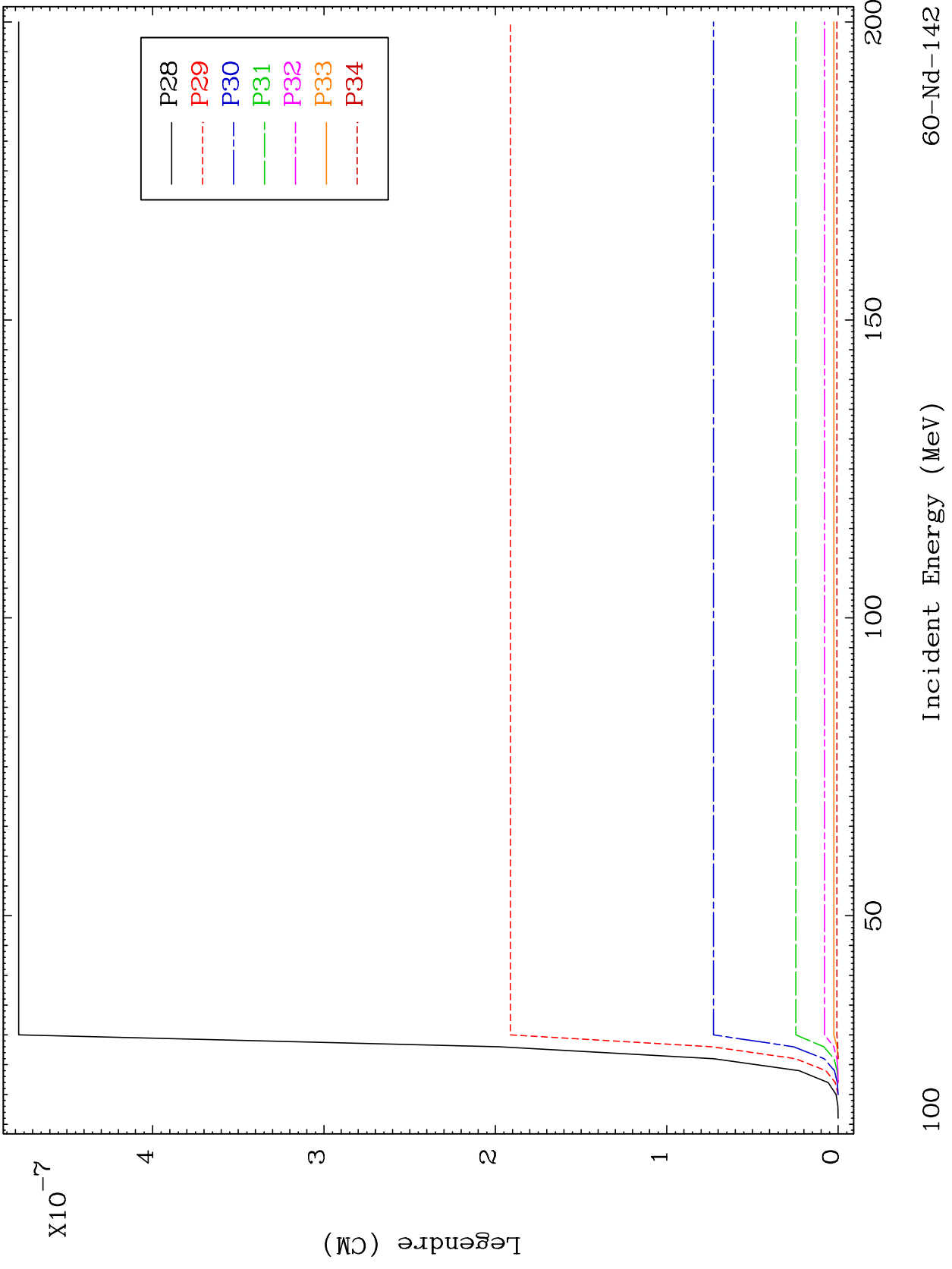




MAT 6025

2.886 MeV (n, n') Level
Legendre Coefficients

60-Nd-142



100

50

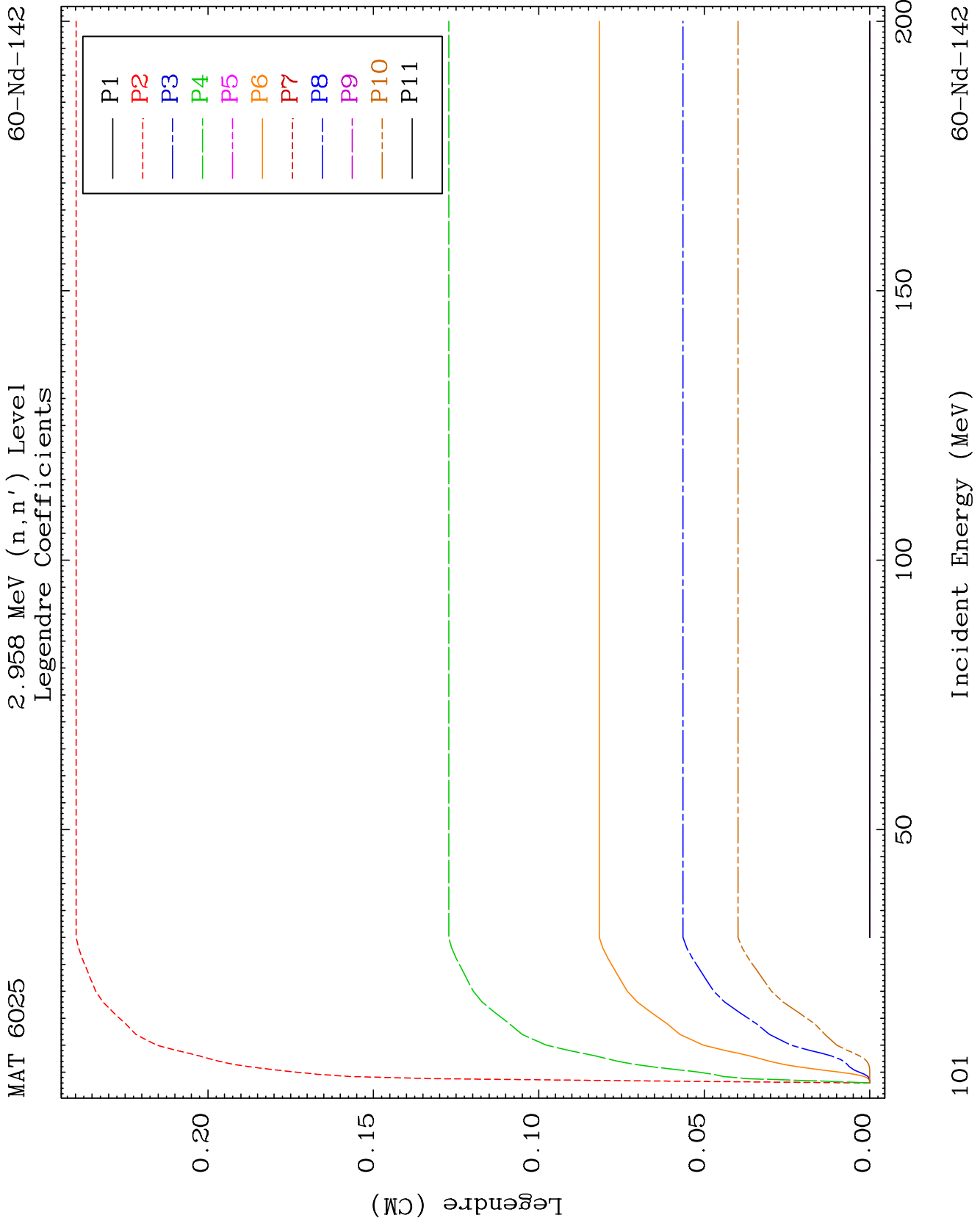
100

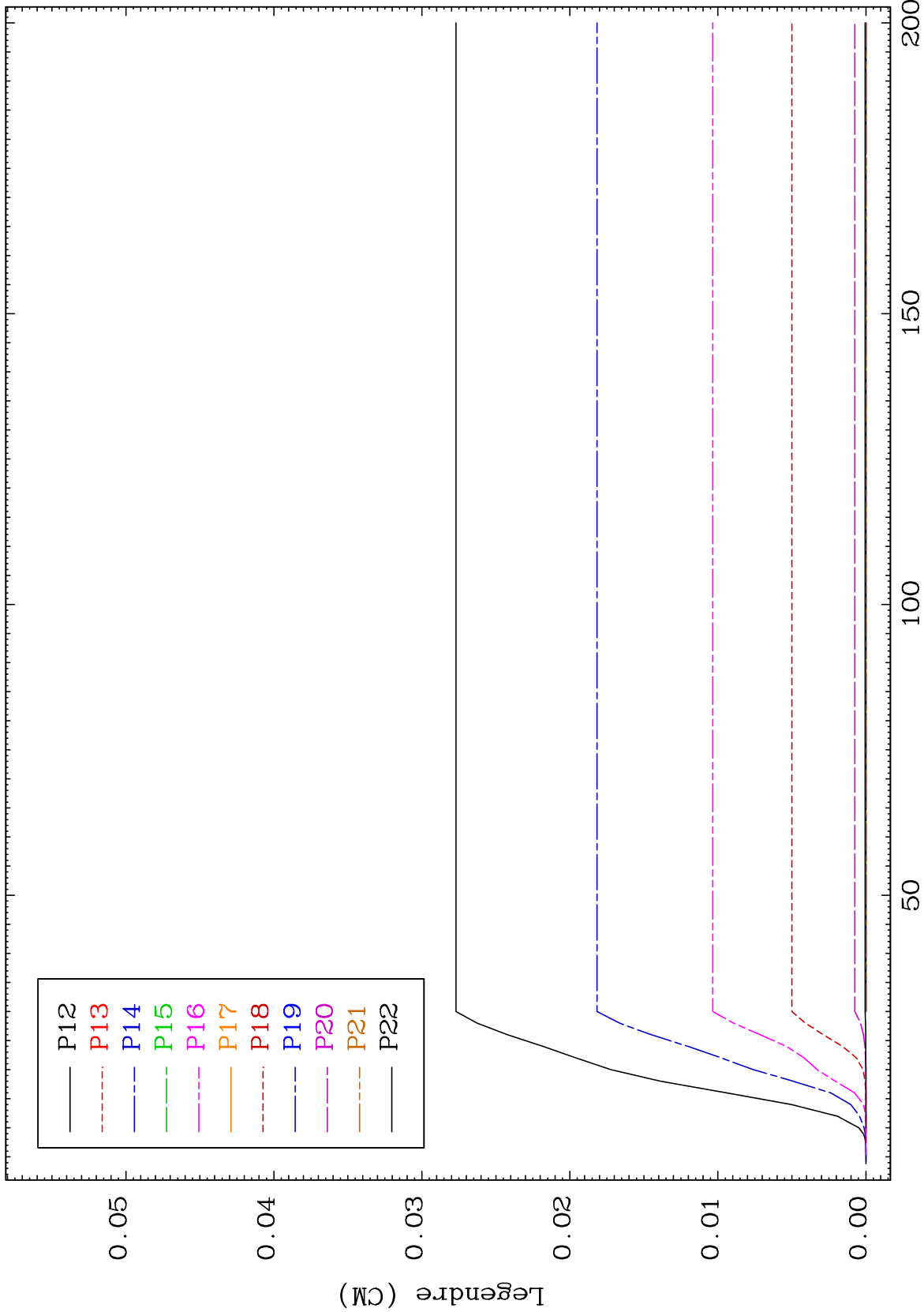
150

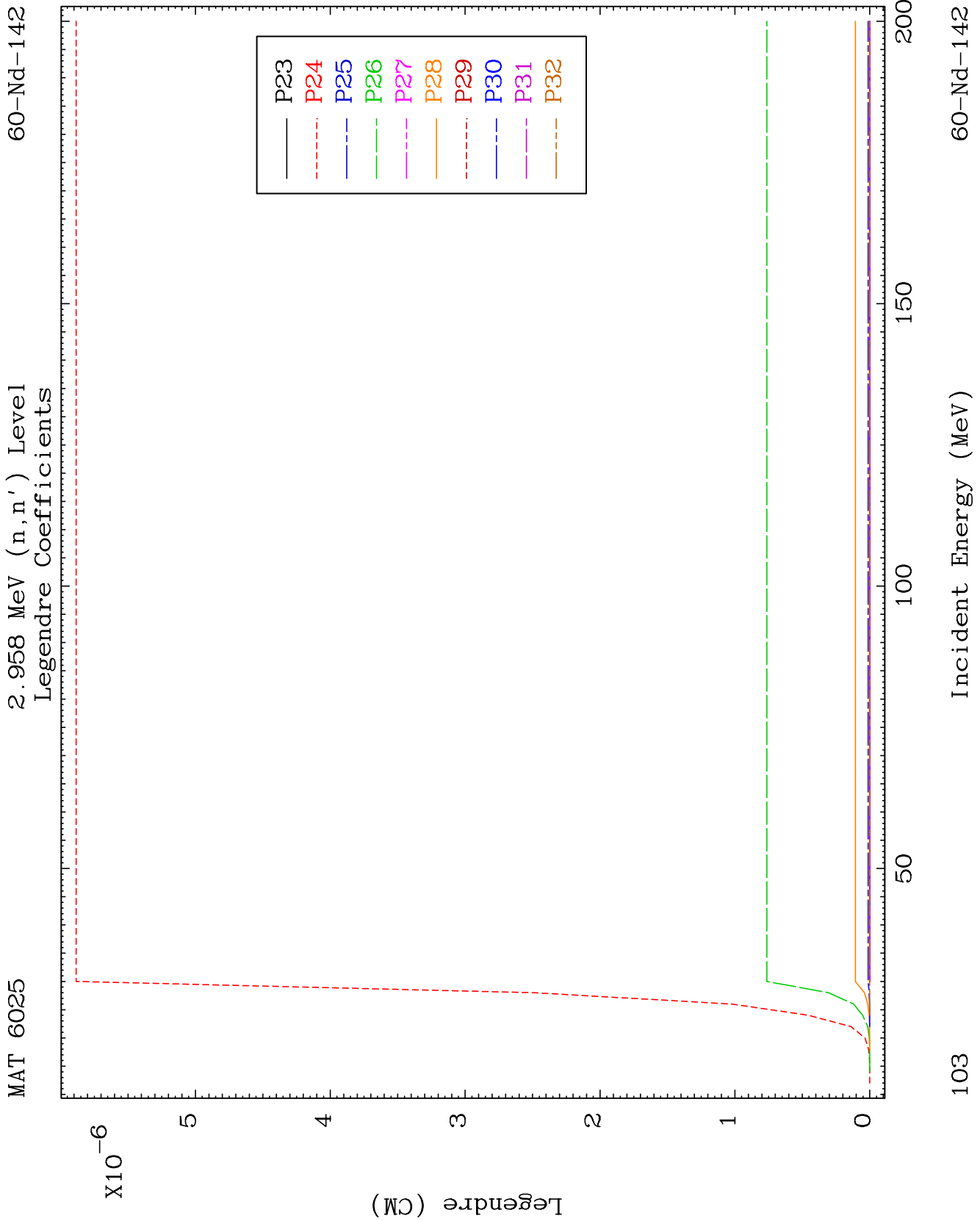
200

Incident Energy (MeV)

60-Nd-142



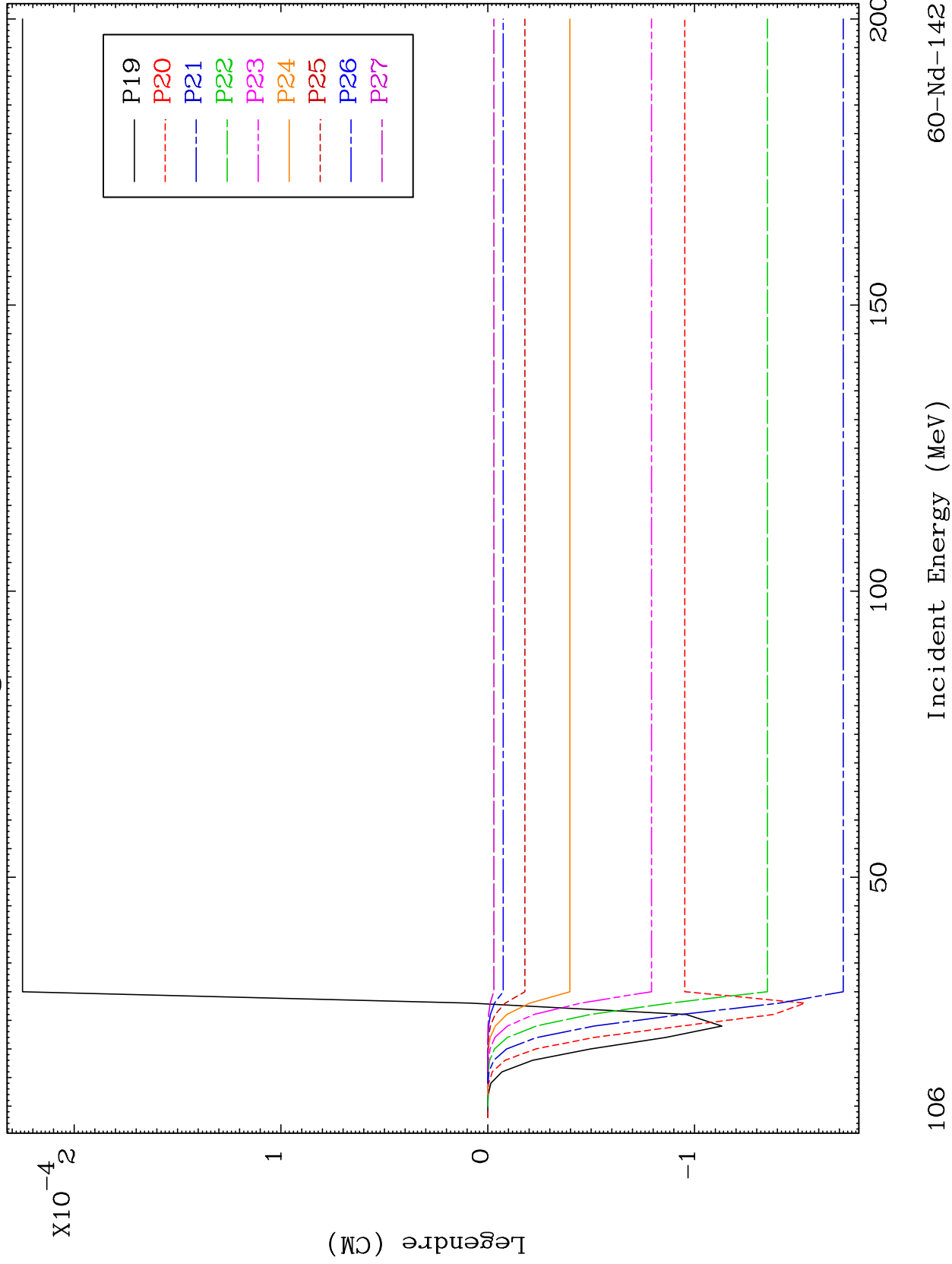




MAT 6025

2.976 MeV (n,n') Level
Legendre Coefficients

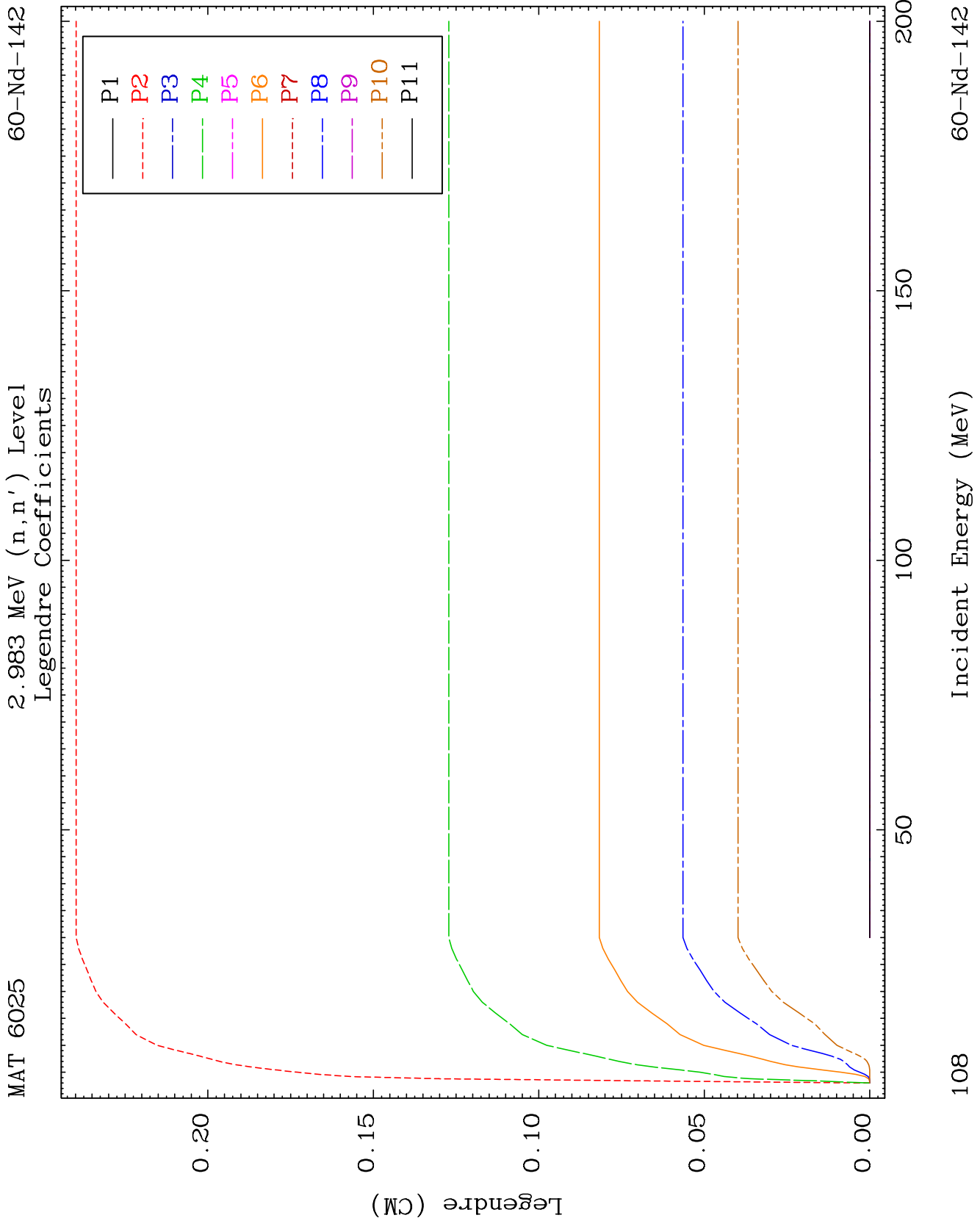
60-Nd-142

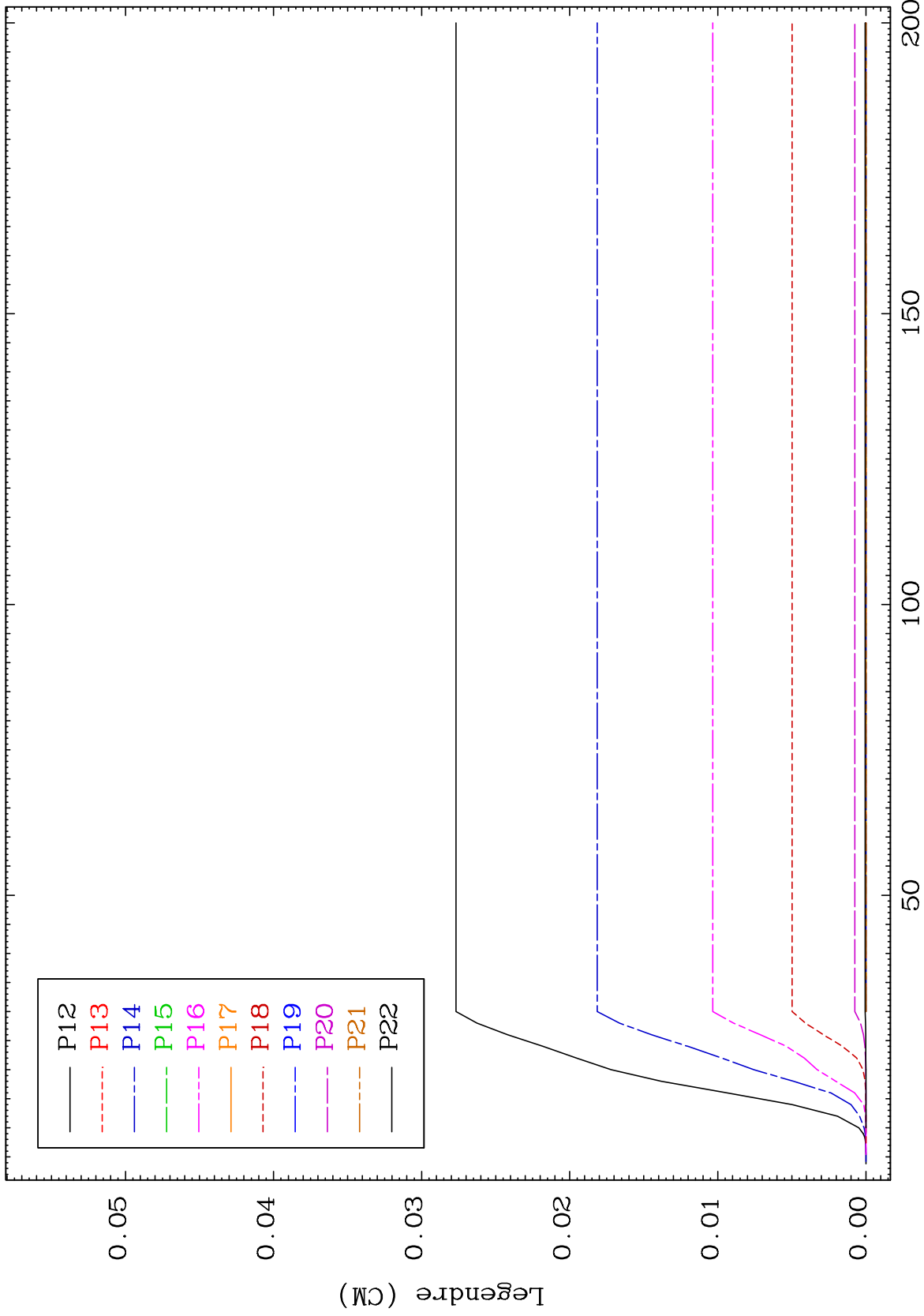


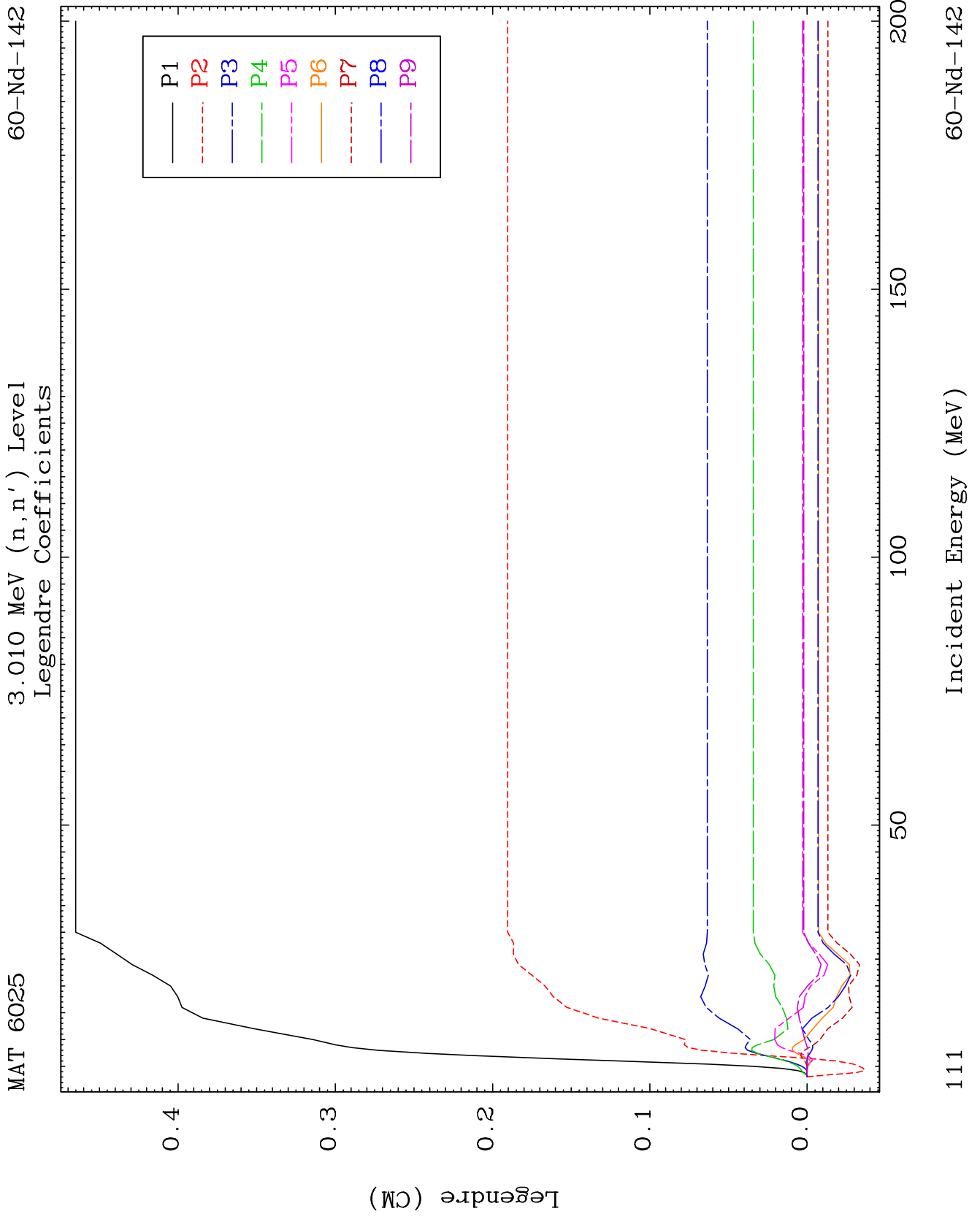
106

Incident Energy (MeV)

60-Nd-142



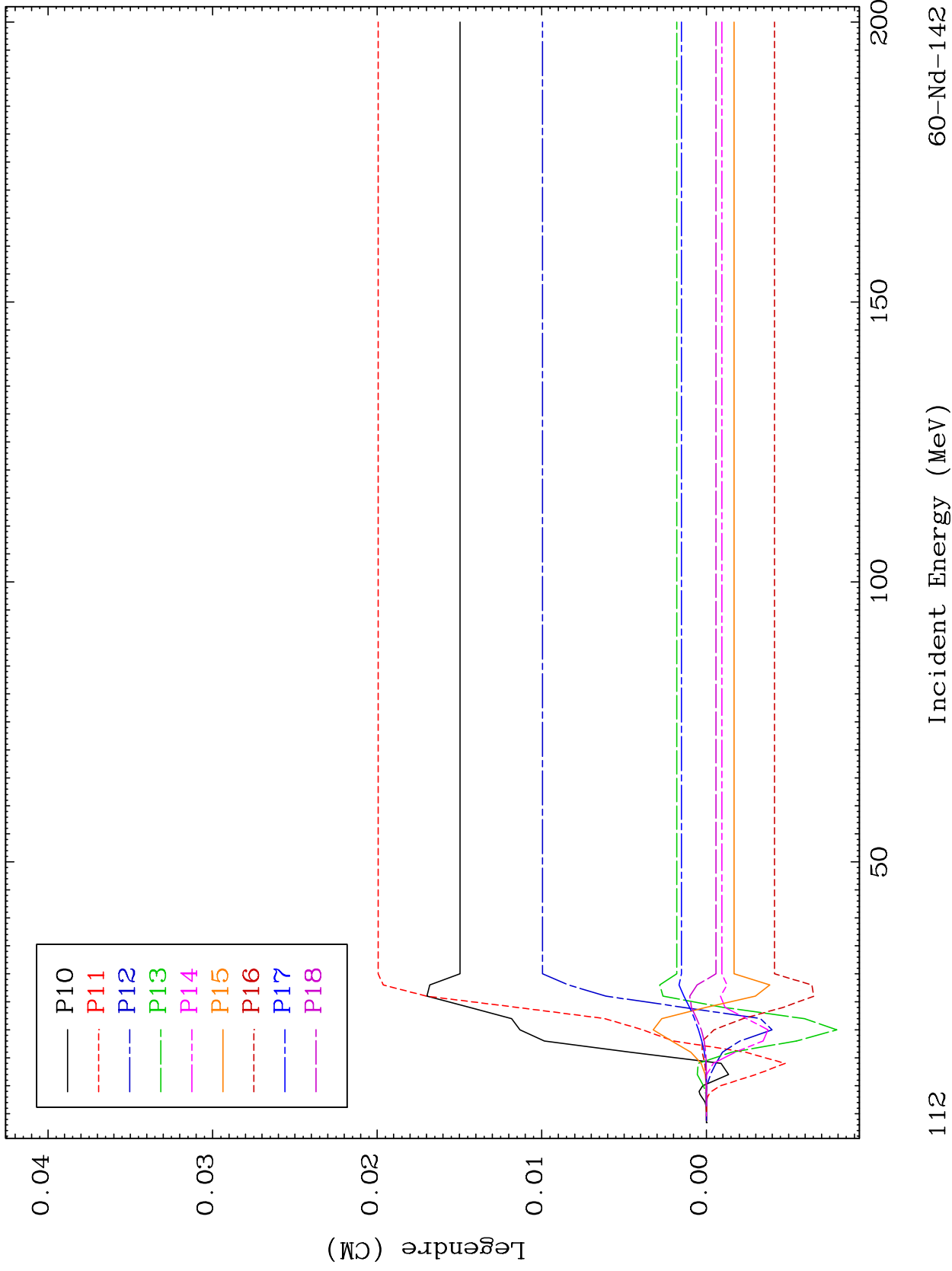




MAT 6025

3.010 MeV (n,n') Level
Legendre Coefficients

60-Nd-142



112

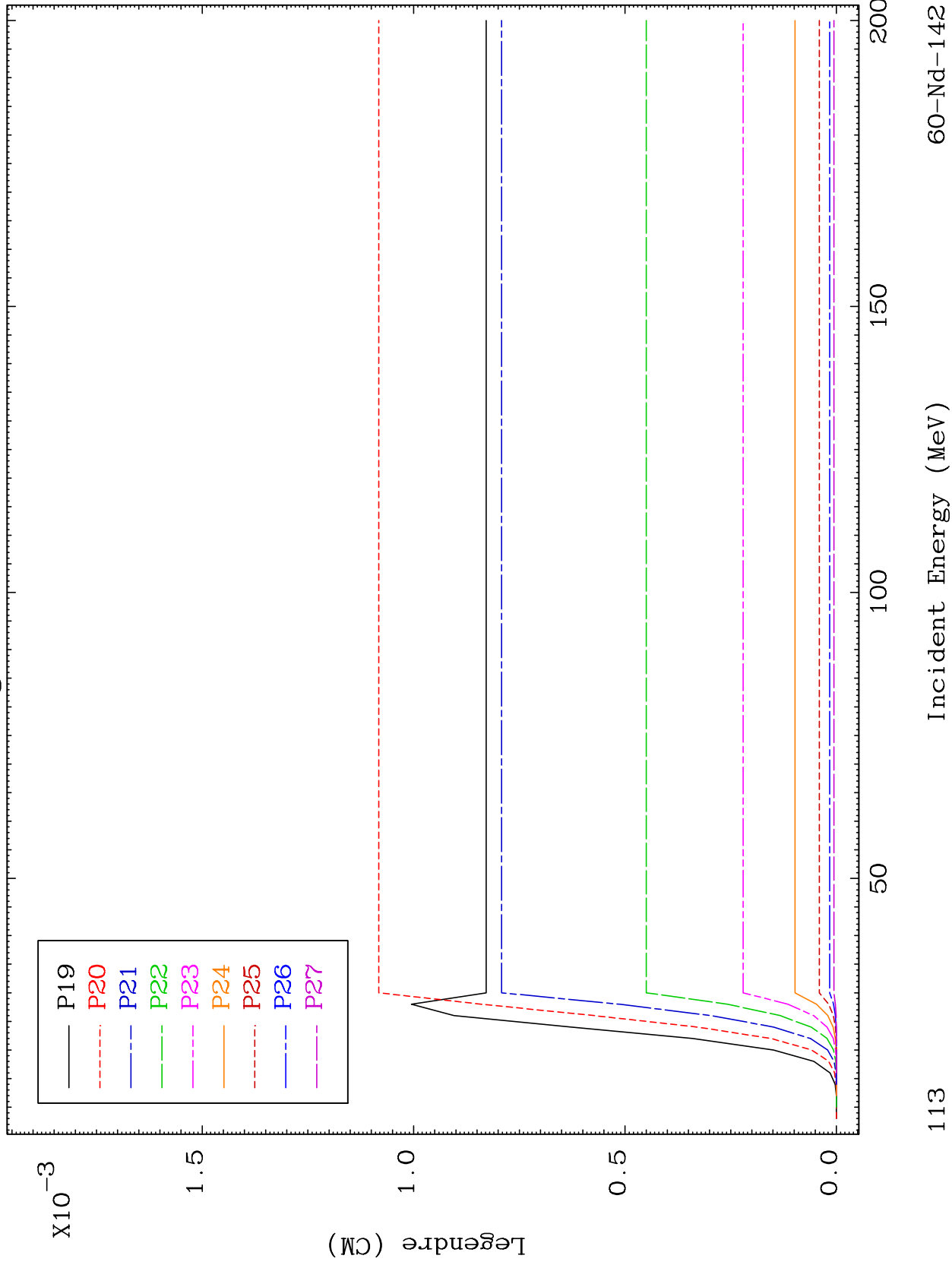
Incident Energy (MeV)

60-Nd-142

MAT 6025

3.010 MeV (n,n') Level
Legendre Coefficients

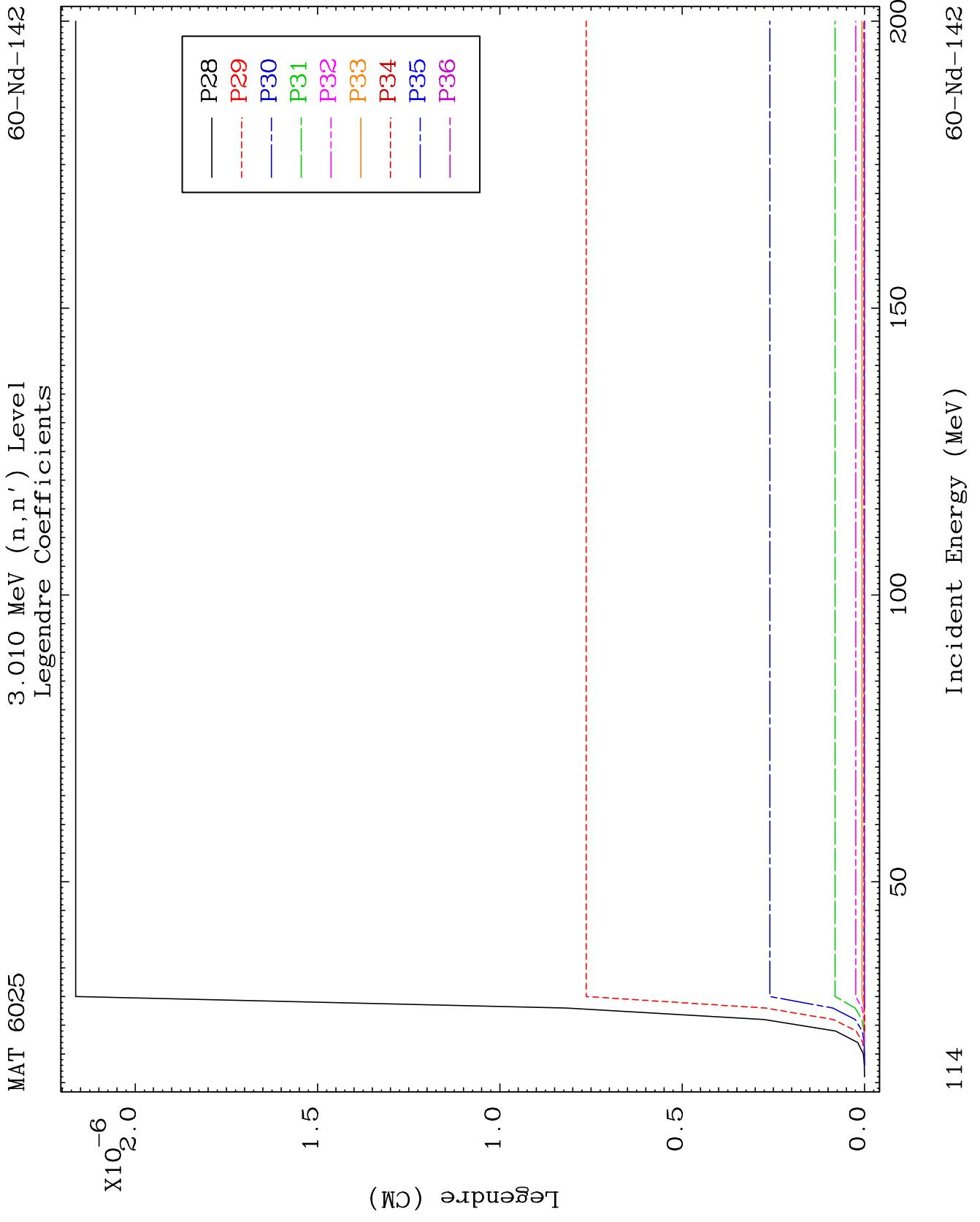
60-Nd-142

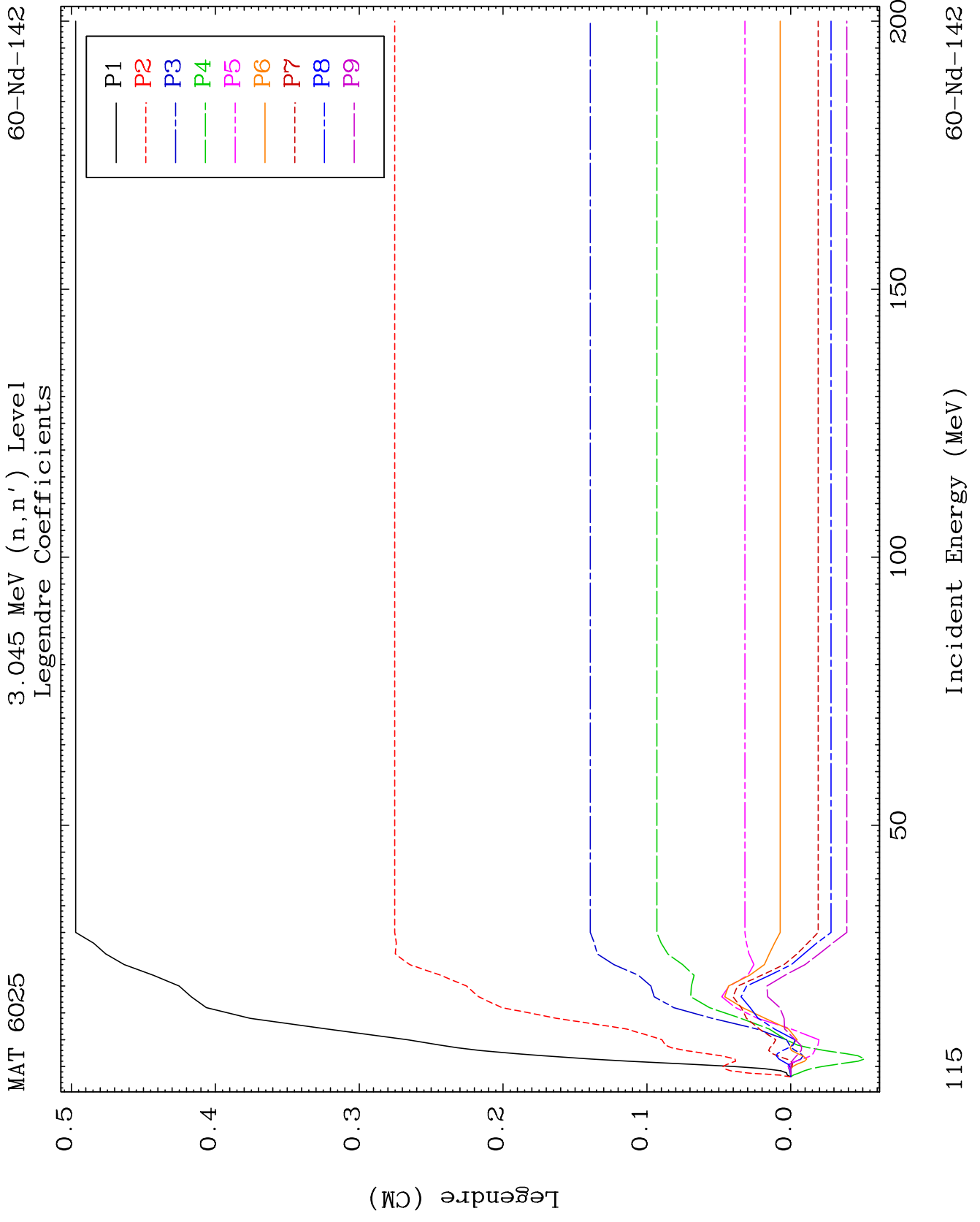


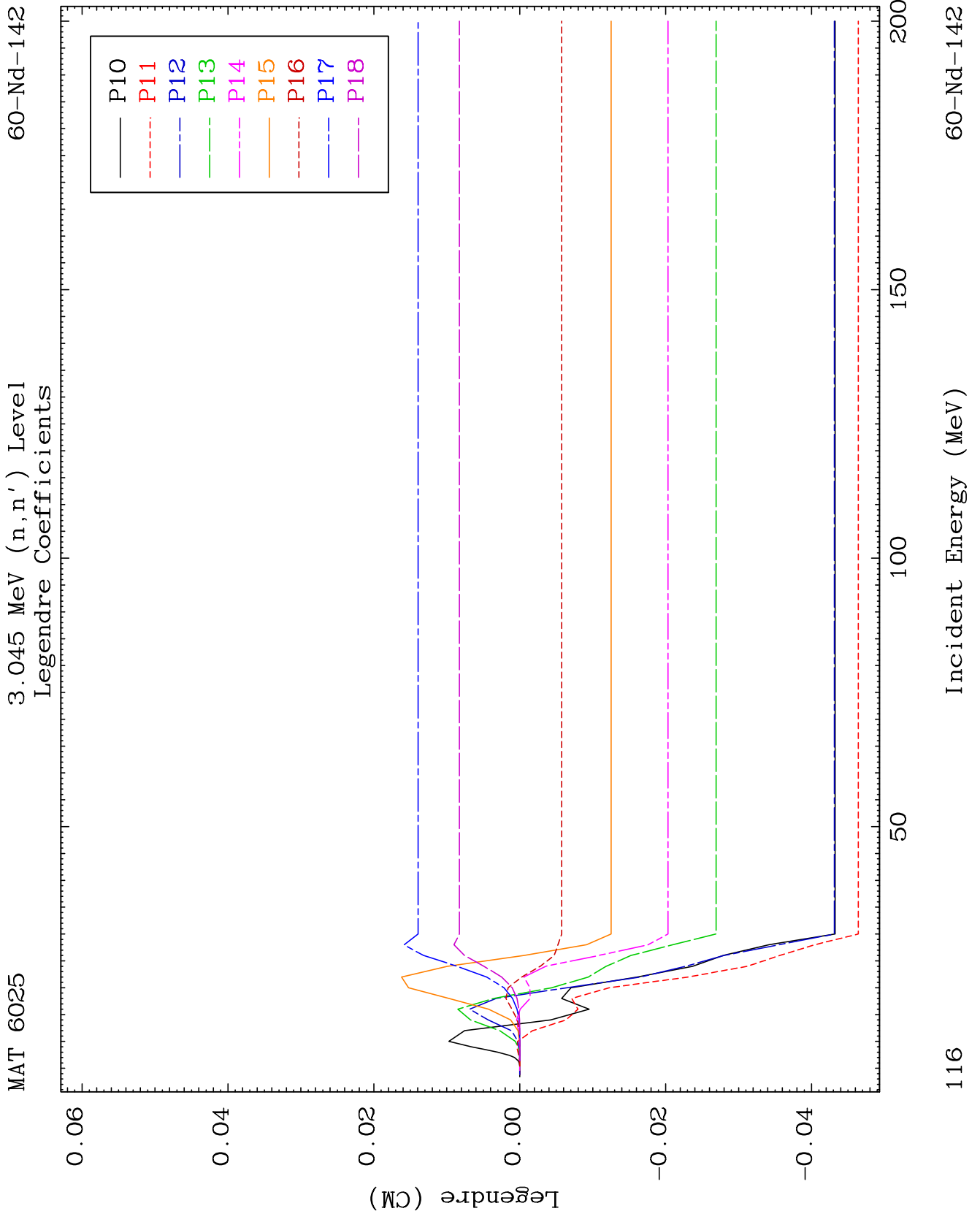
113

Incident Energy (MeV)

60-Nd-142



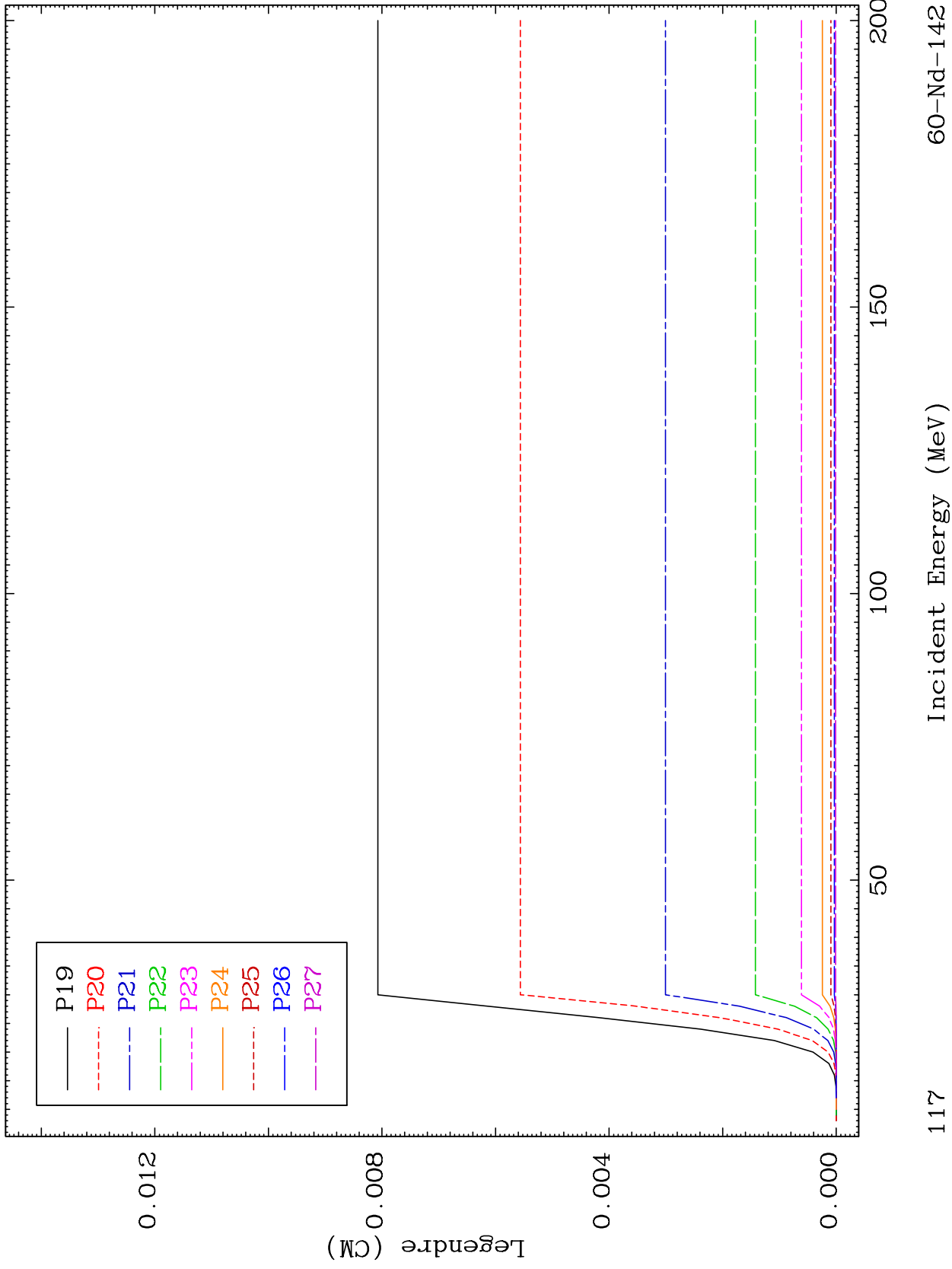




MAT 6025

3.045 MeV (n,n') Level
Legendre Coefficients

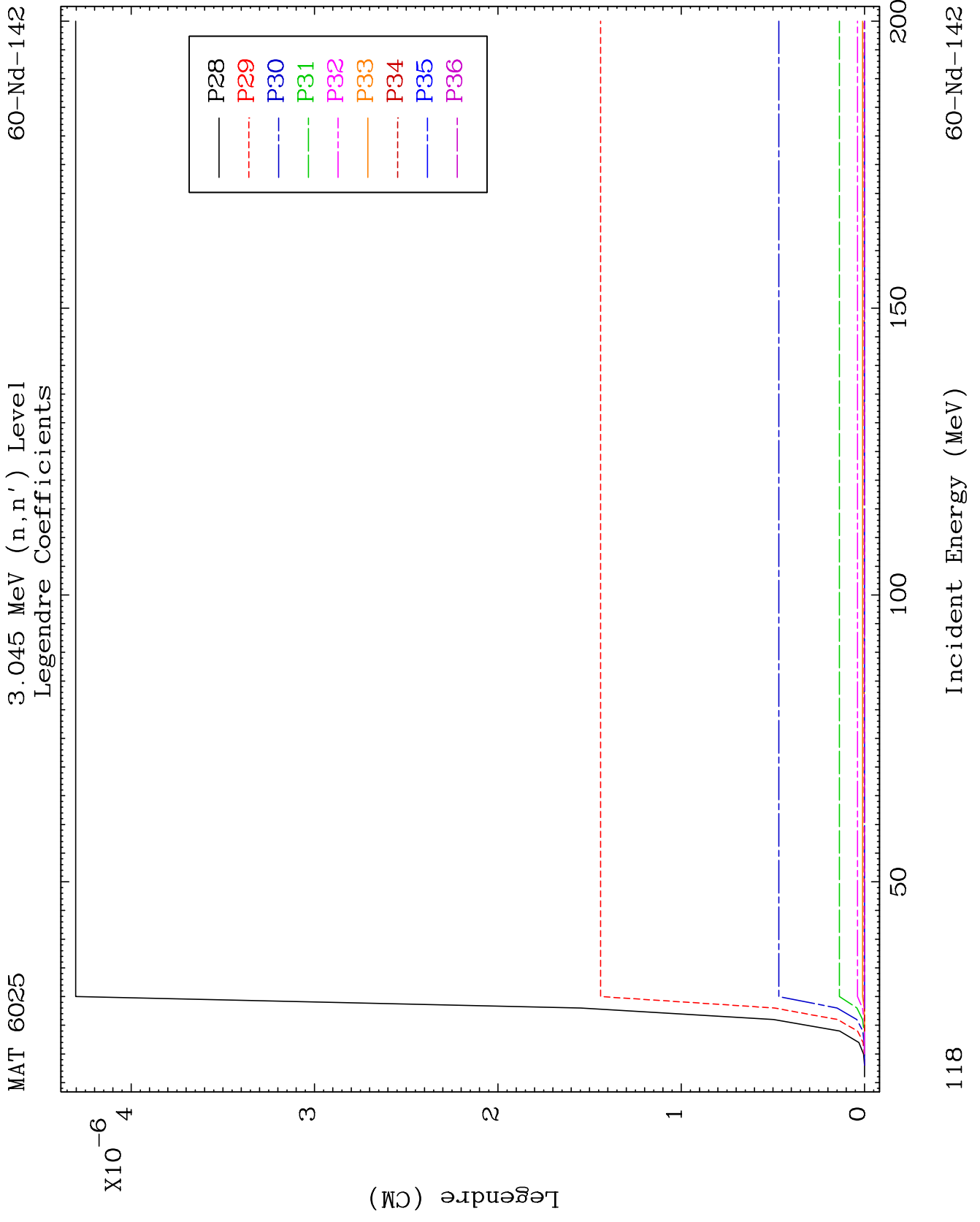
60-Nd-142

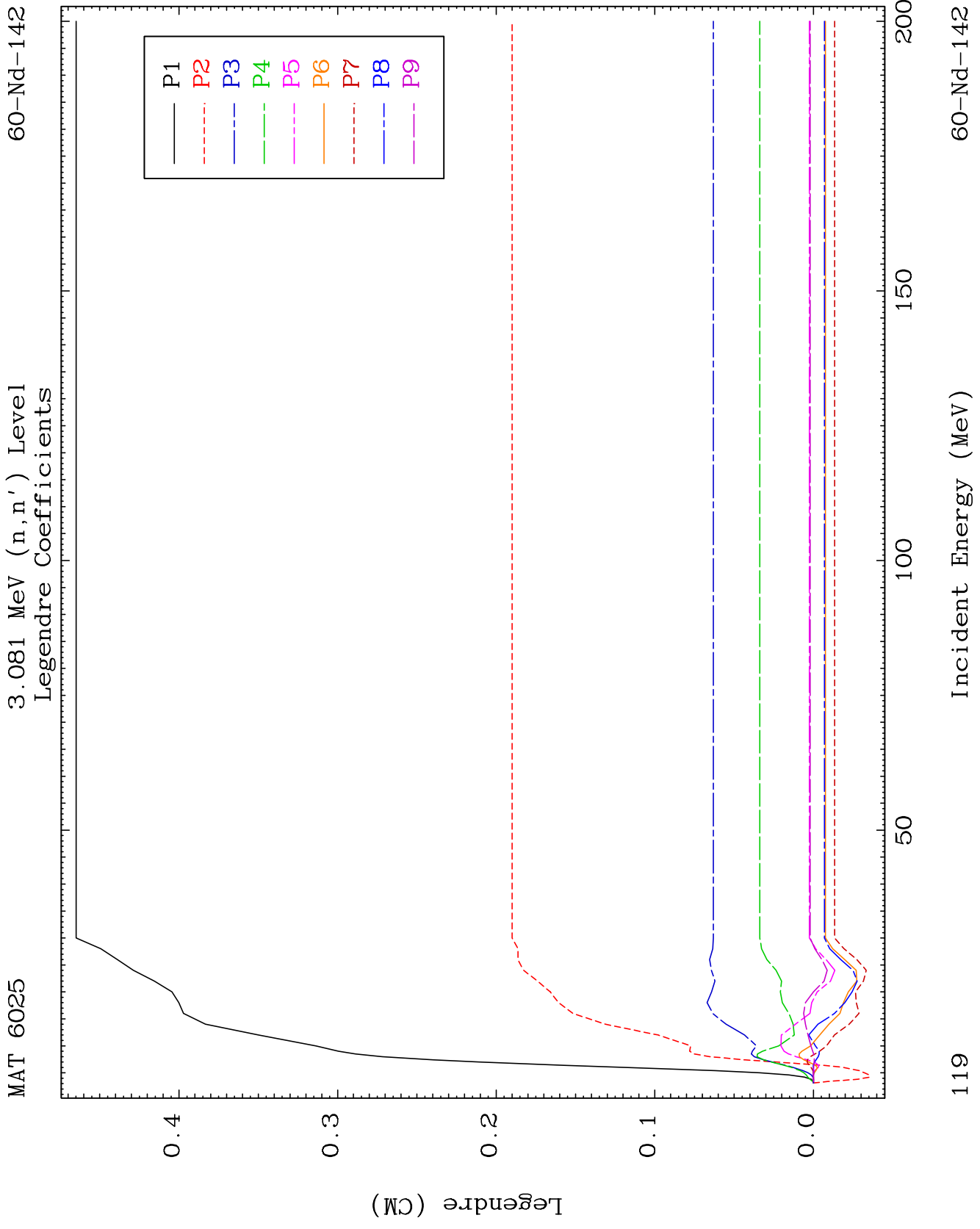


117

Incident Energy (MeV)

60-Nd-142

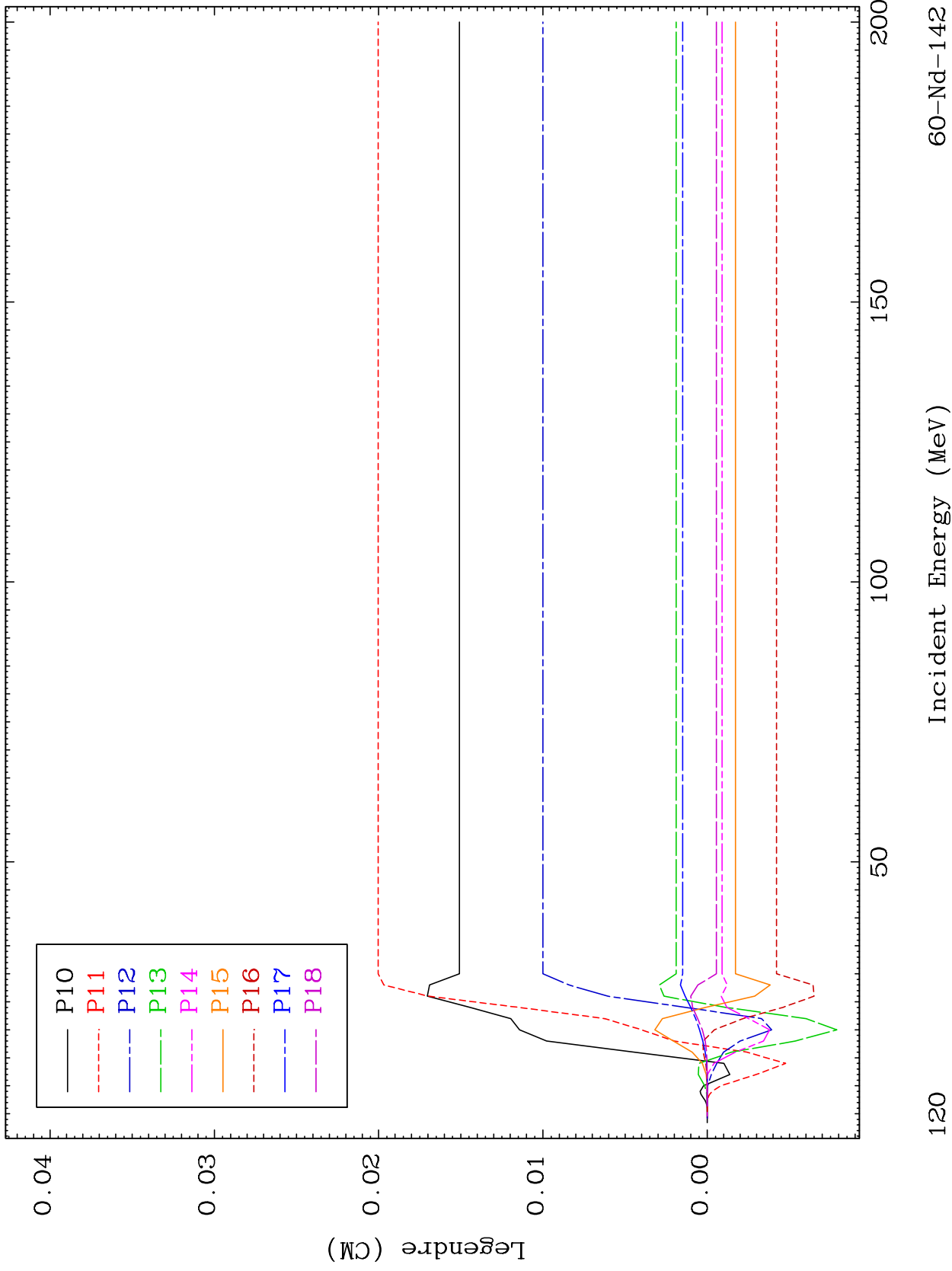




MAT 6025

3.081 MeV (n,n') Level
Legendre Coefficients

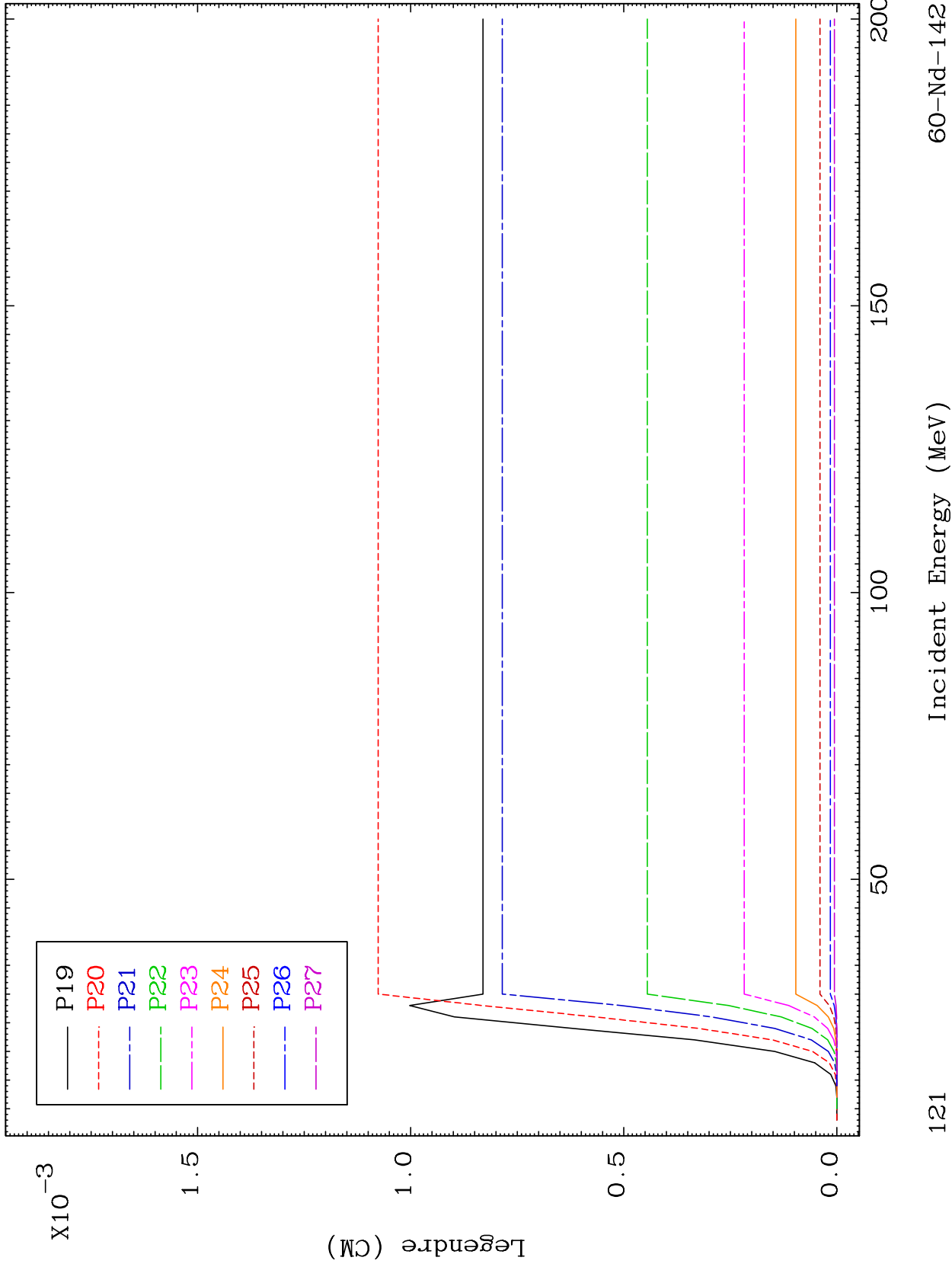
60-Nd-142

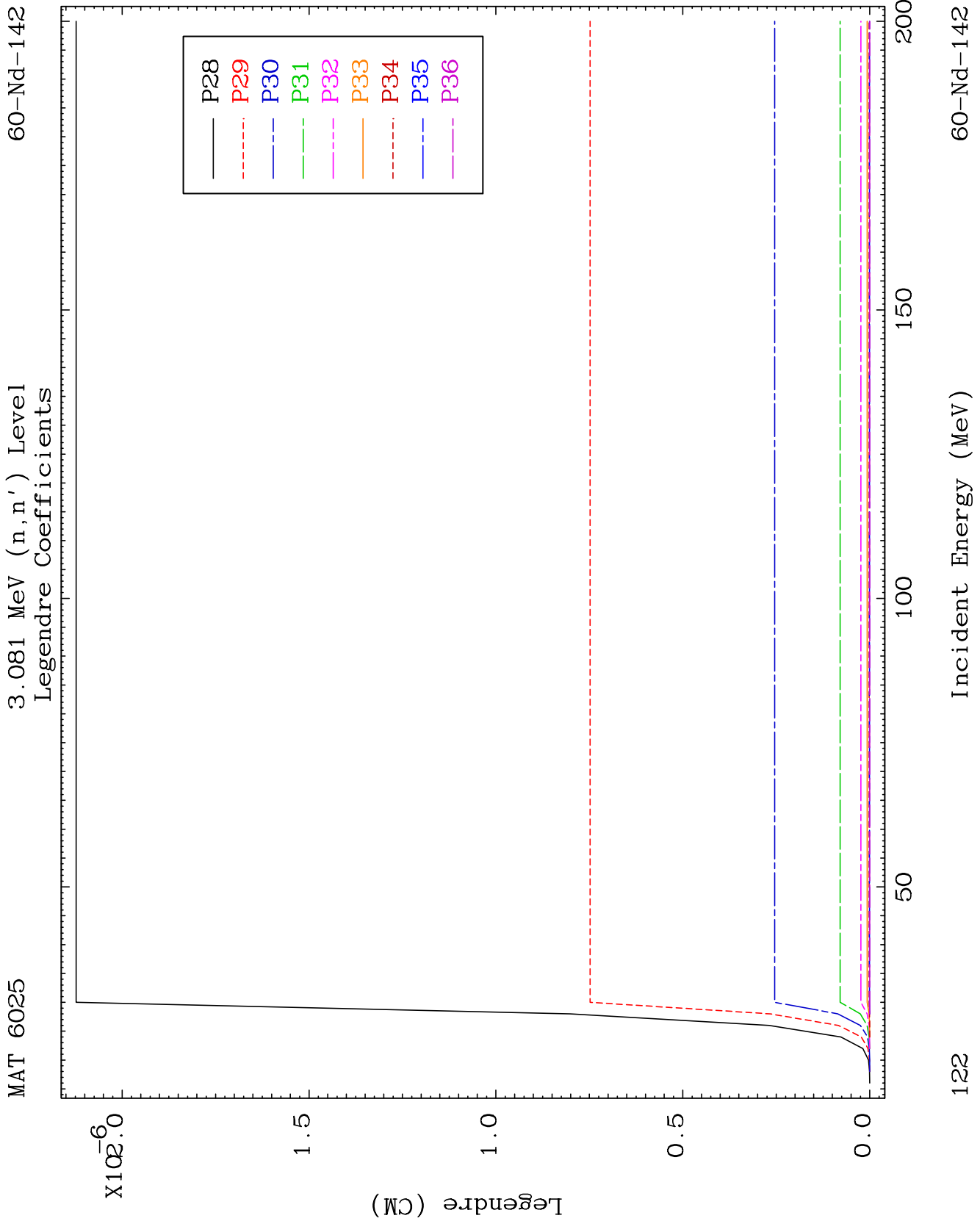


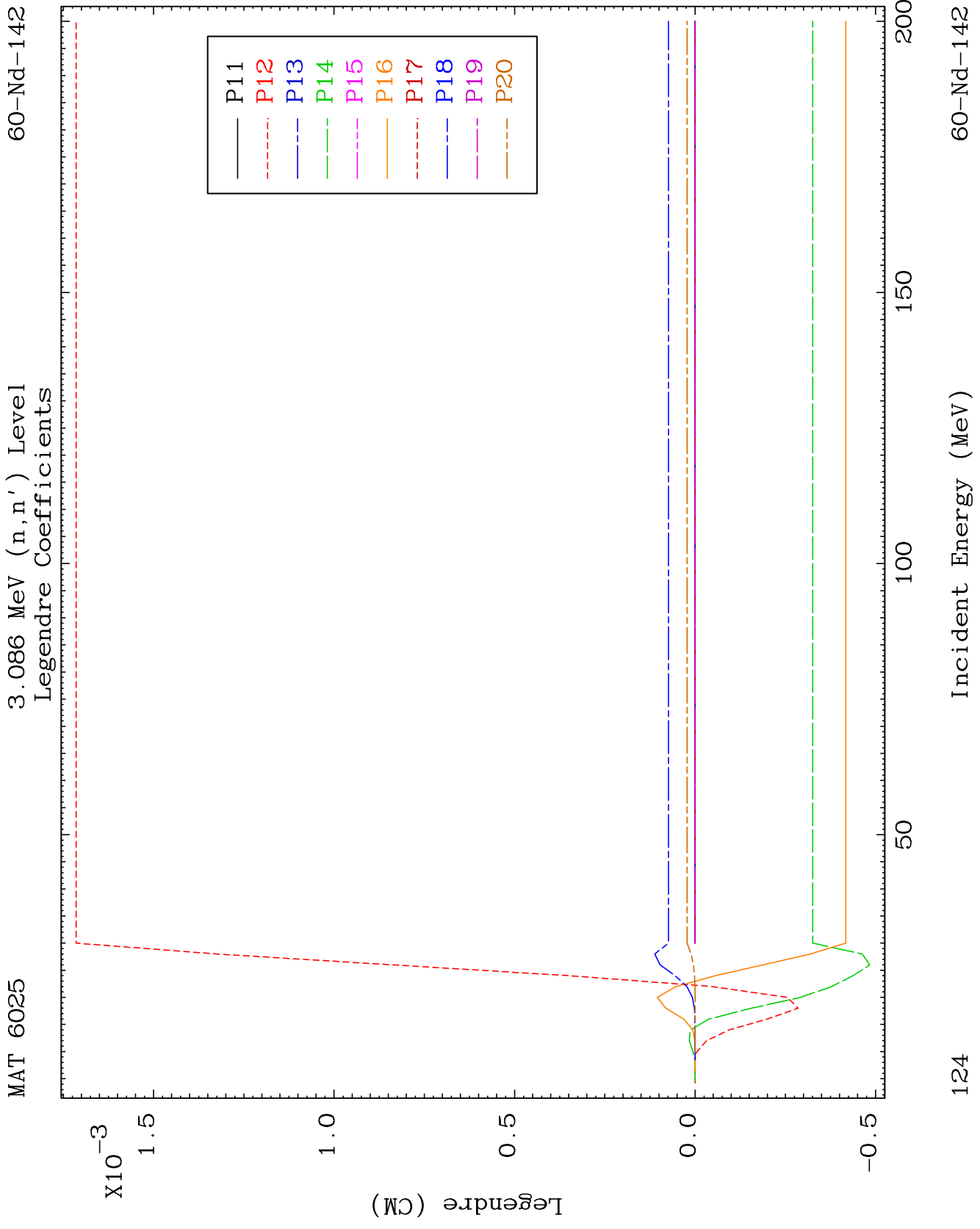
MAT 6025

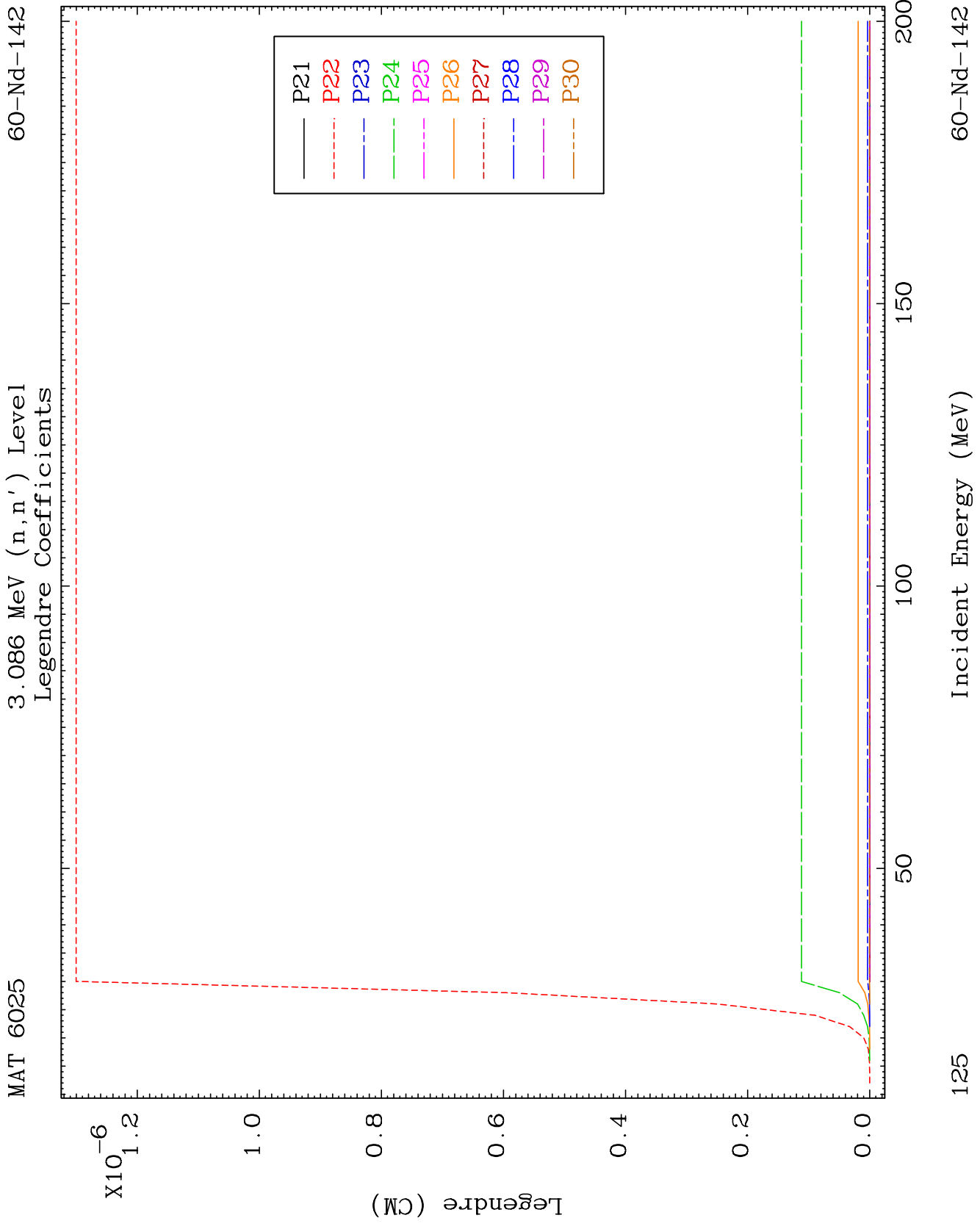
3.081 MeV (n, n') Level
Legendre Coefficients

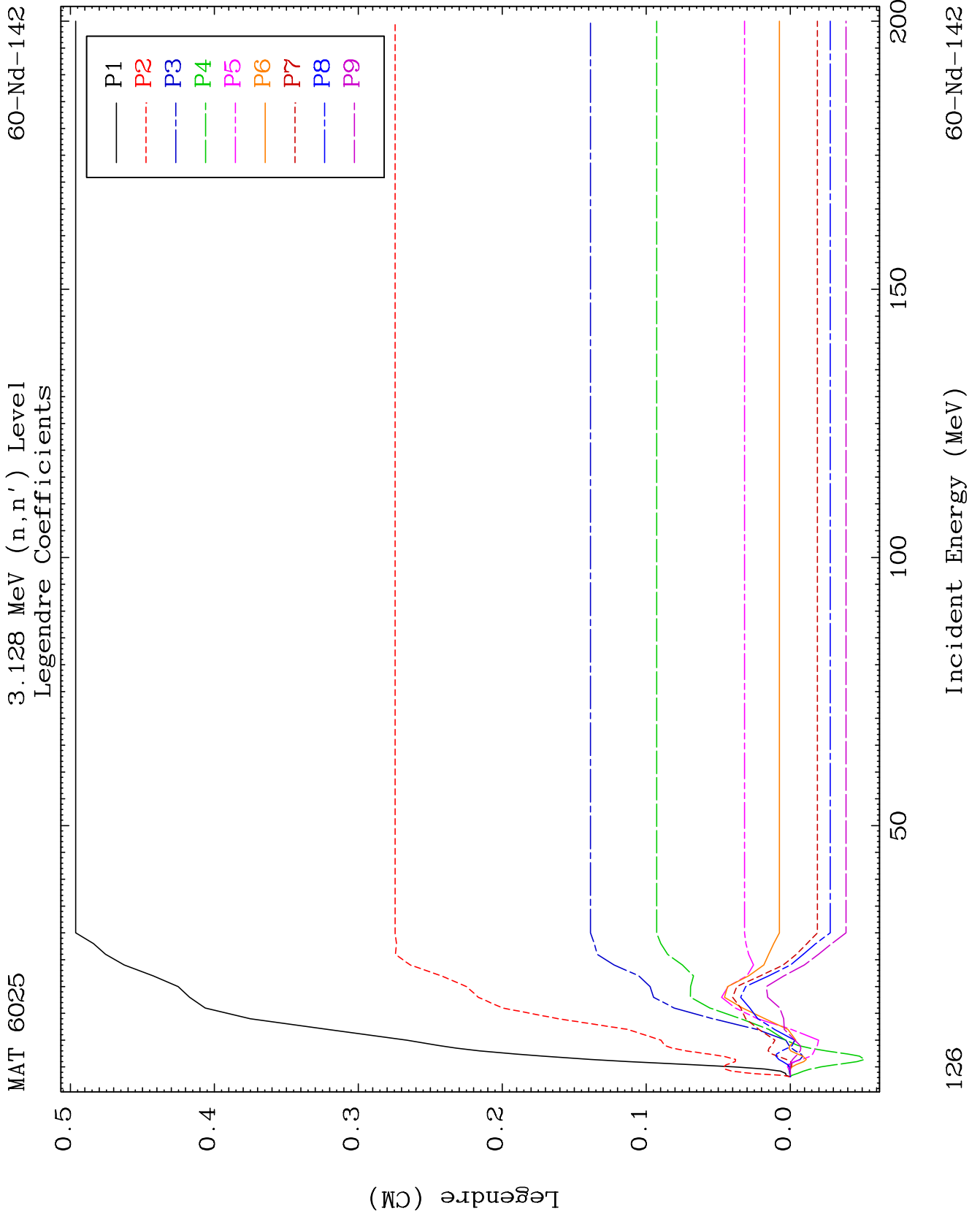
60-Nd-142

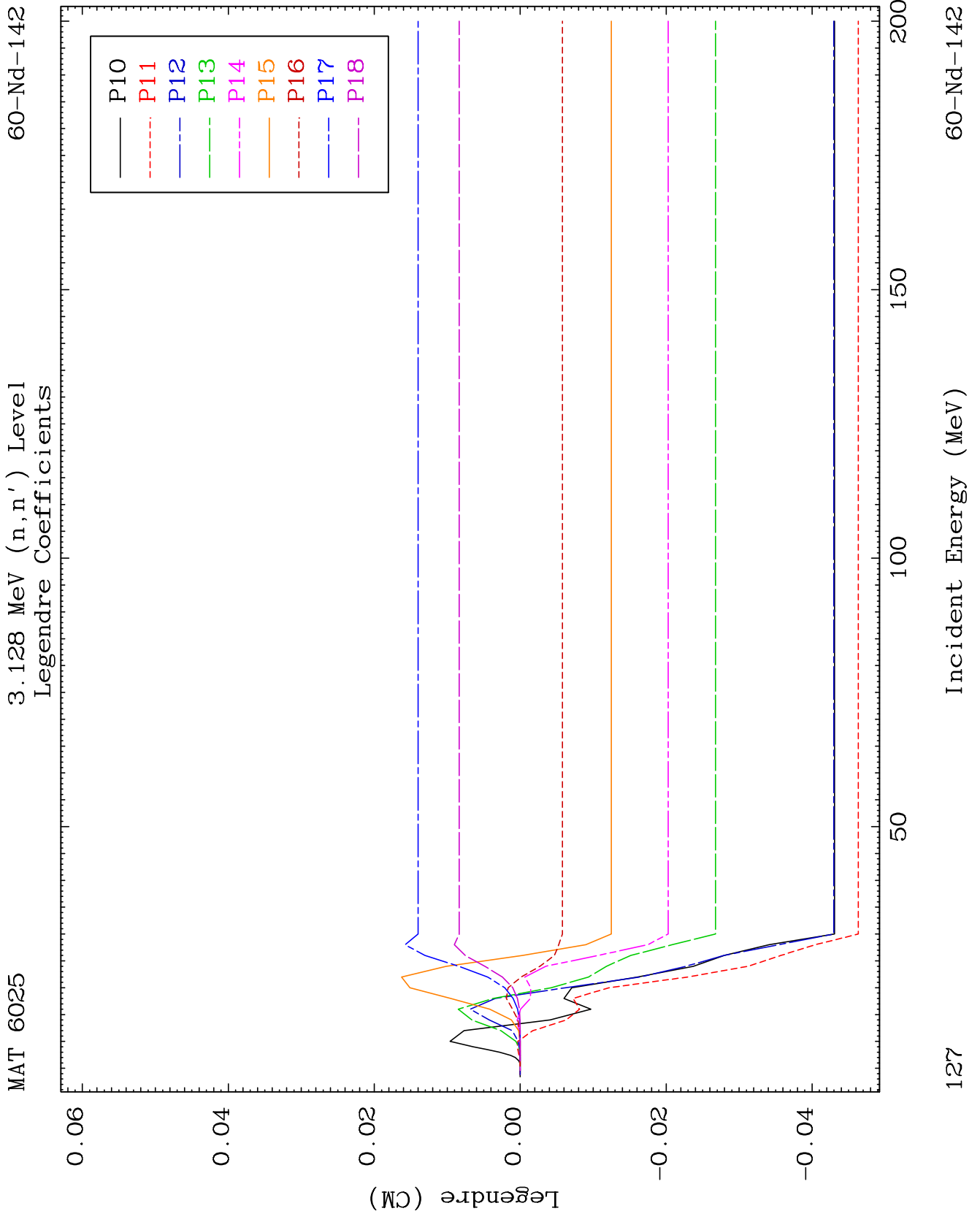








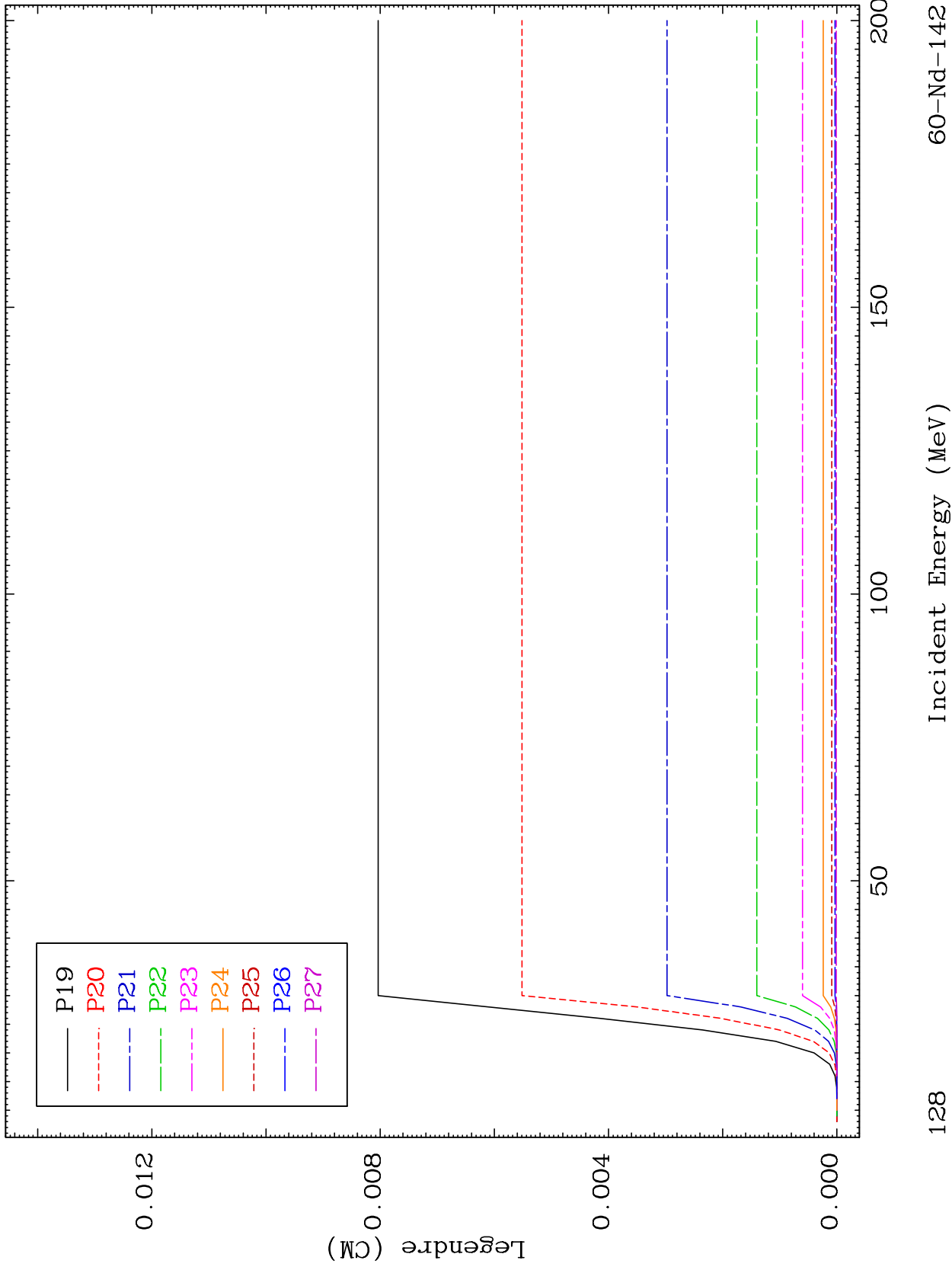




MAT 6025

3.128 MeV (n,n') Level
Legendre Coefficients

60-Nd-142



128

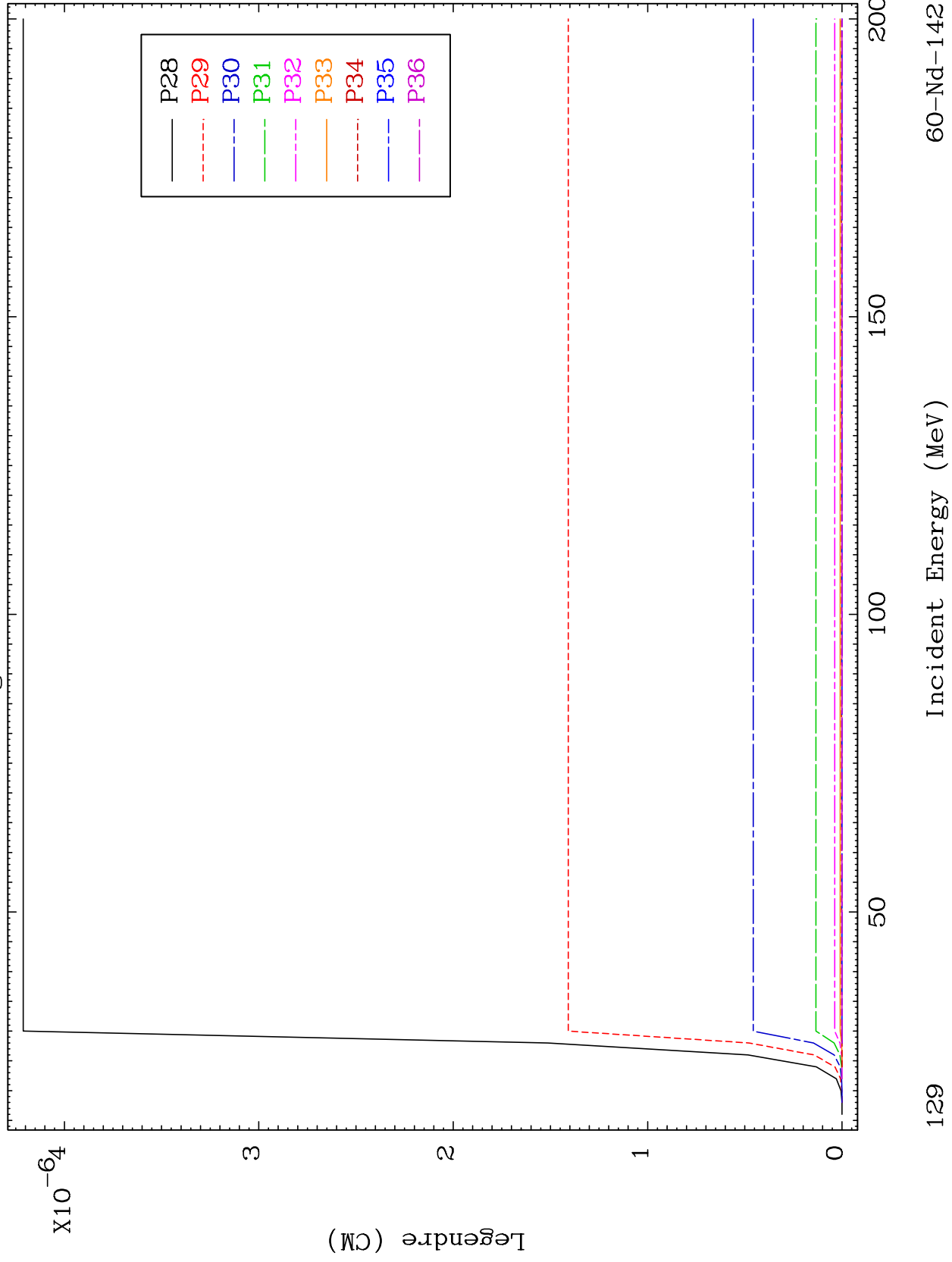
Incident Energy (MeV)

60-Nd-142

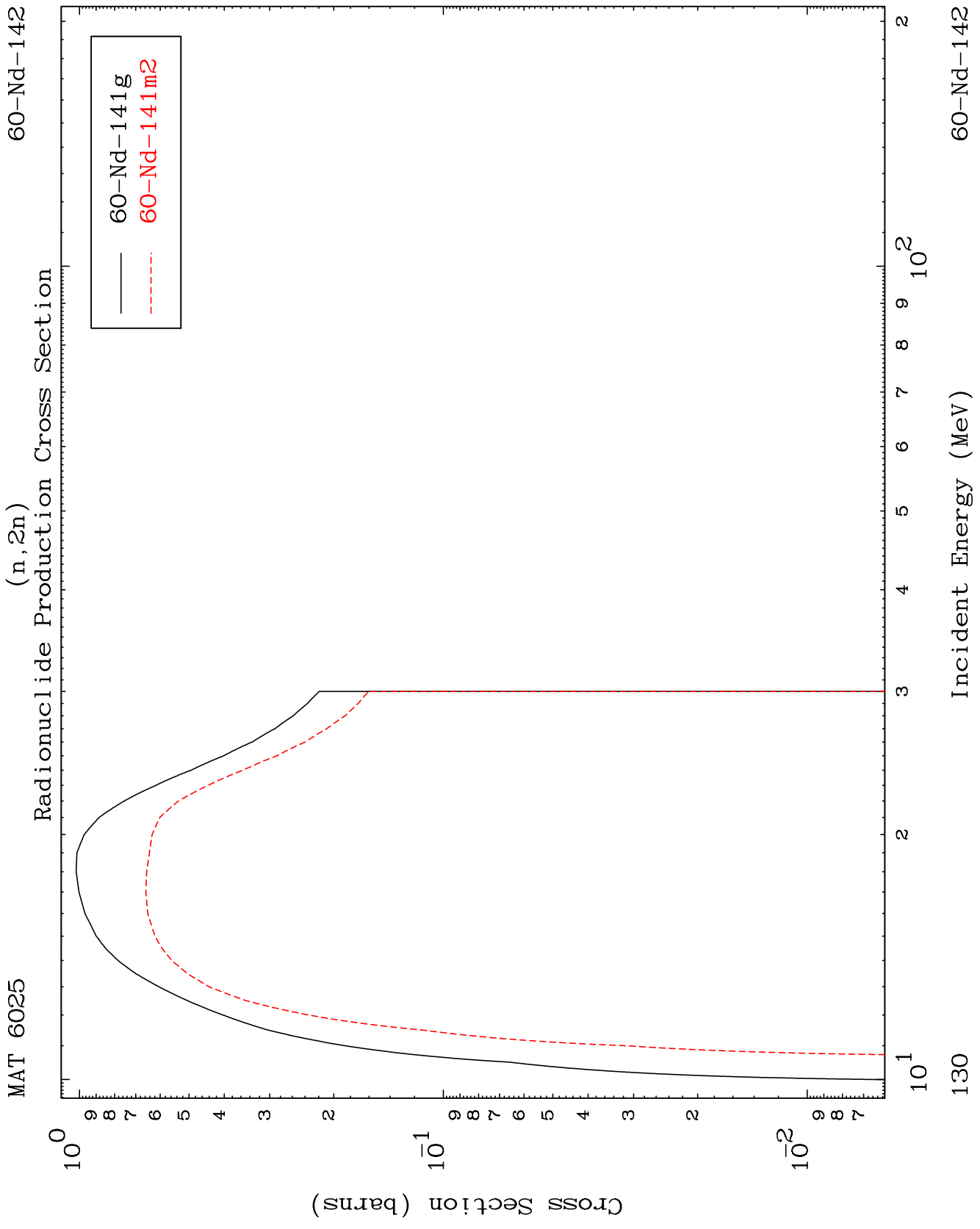
MAT 6025

3.128 MeV (n, n') Level
Legendre Coefficients

60-Nd-142



129

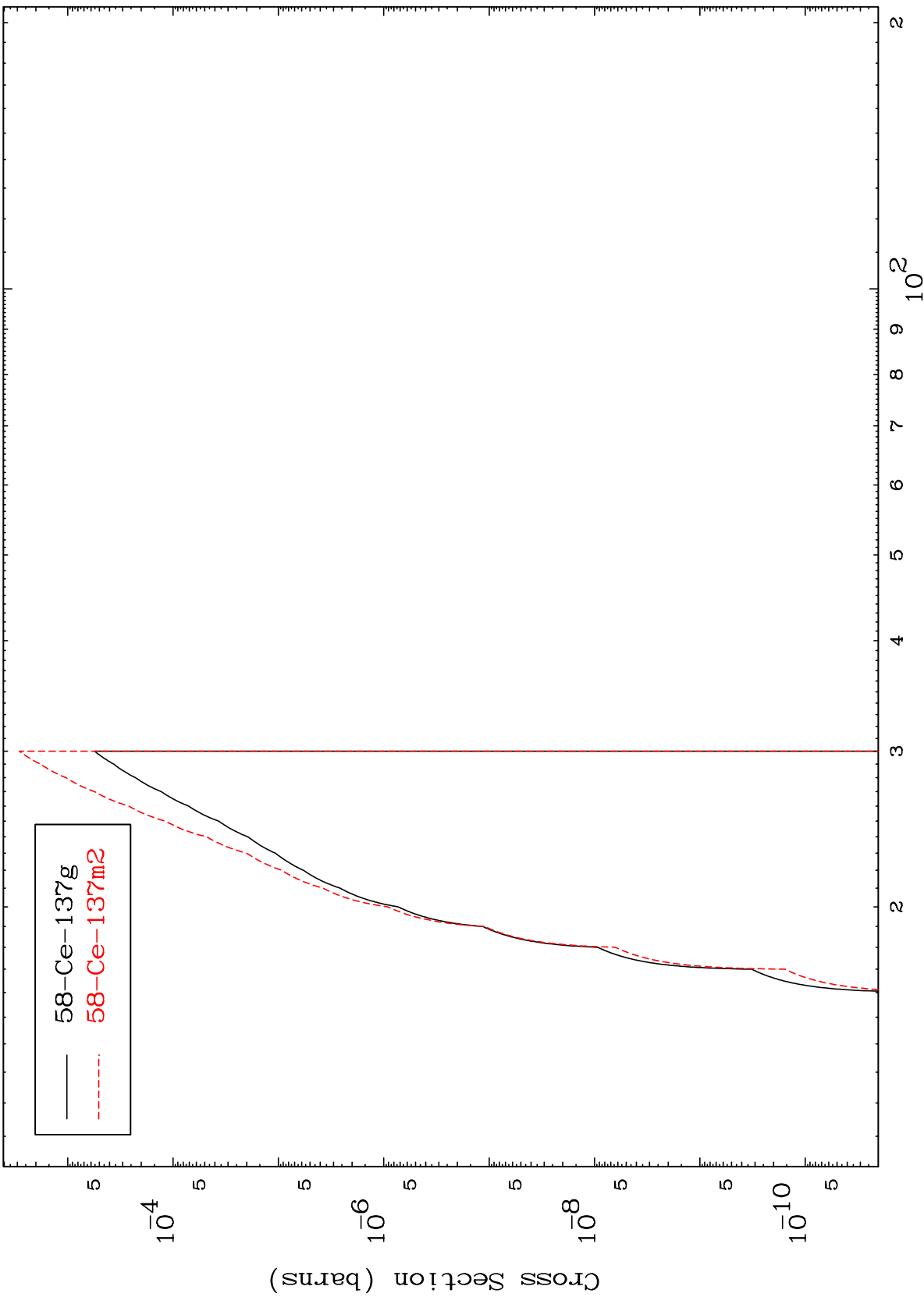


MAT 6025

(n,2n) α

60-Nd-142

Radionuclide Production Cross Section



131

Incident Energy (MeV)

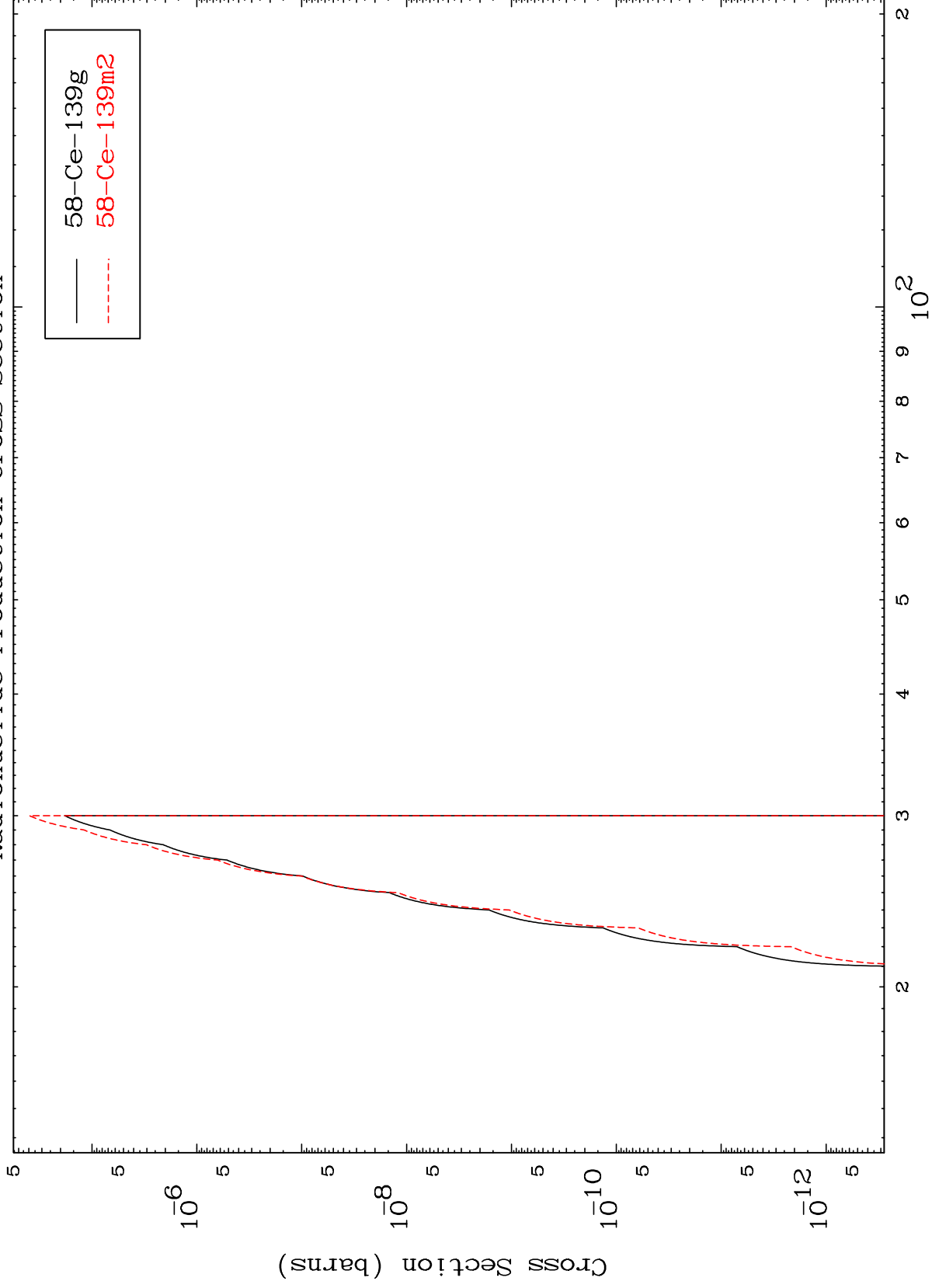
60-Nd-142

MAT 6025

(n,n') He-3

60-Nd-142

Radionuclide Production Cross Section



132

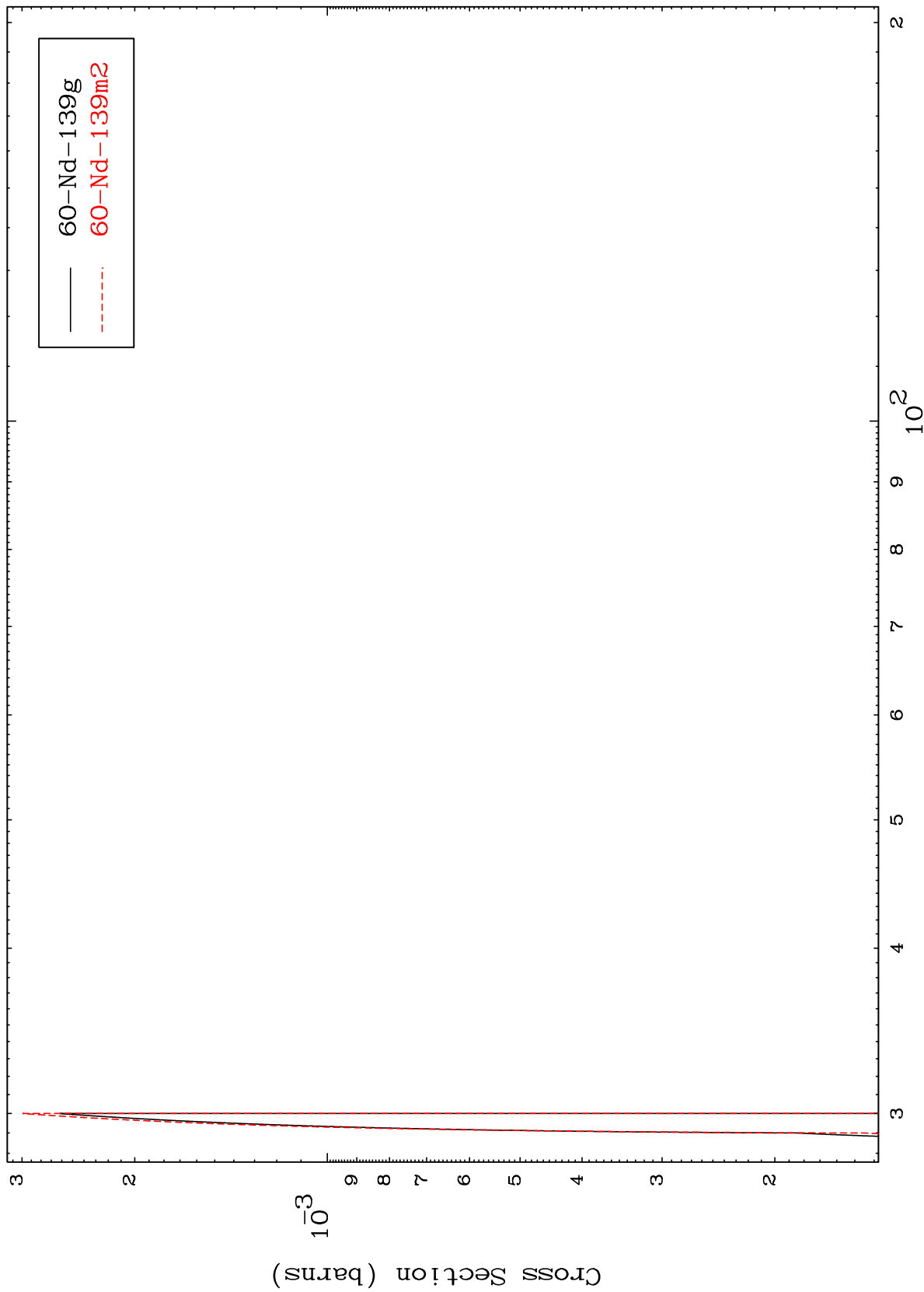
Incident Energy (MeV)

60-Nd-142

MAT 6025

60-Nd-142

(n,4n)
Radionuclide Production Cross Section



133

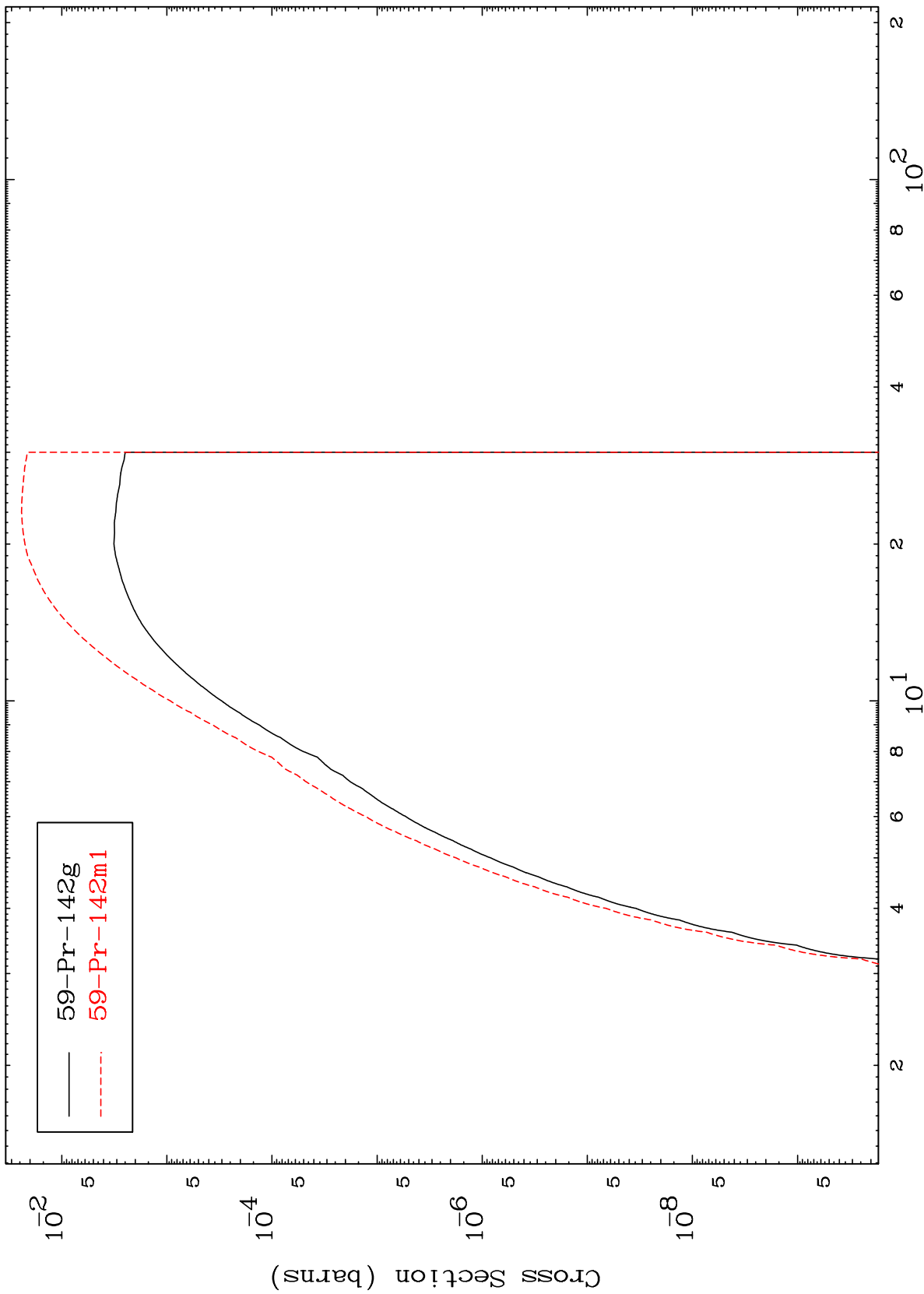
60-Nd-142

Incident Energy (MeV)

MAT 6025

60-Nd-142

(n,p)
Radionuclide Production Cross Section



134

60-Nd-142

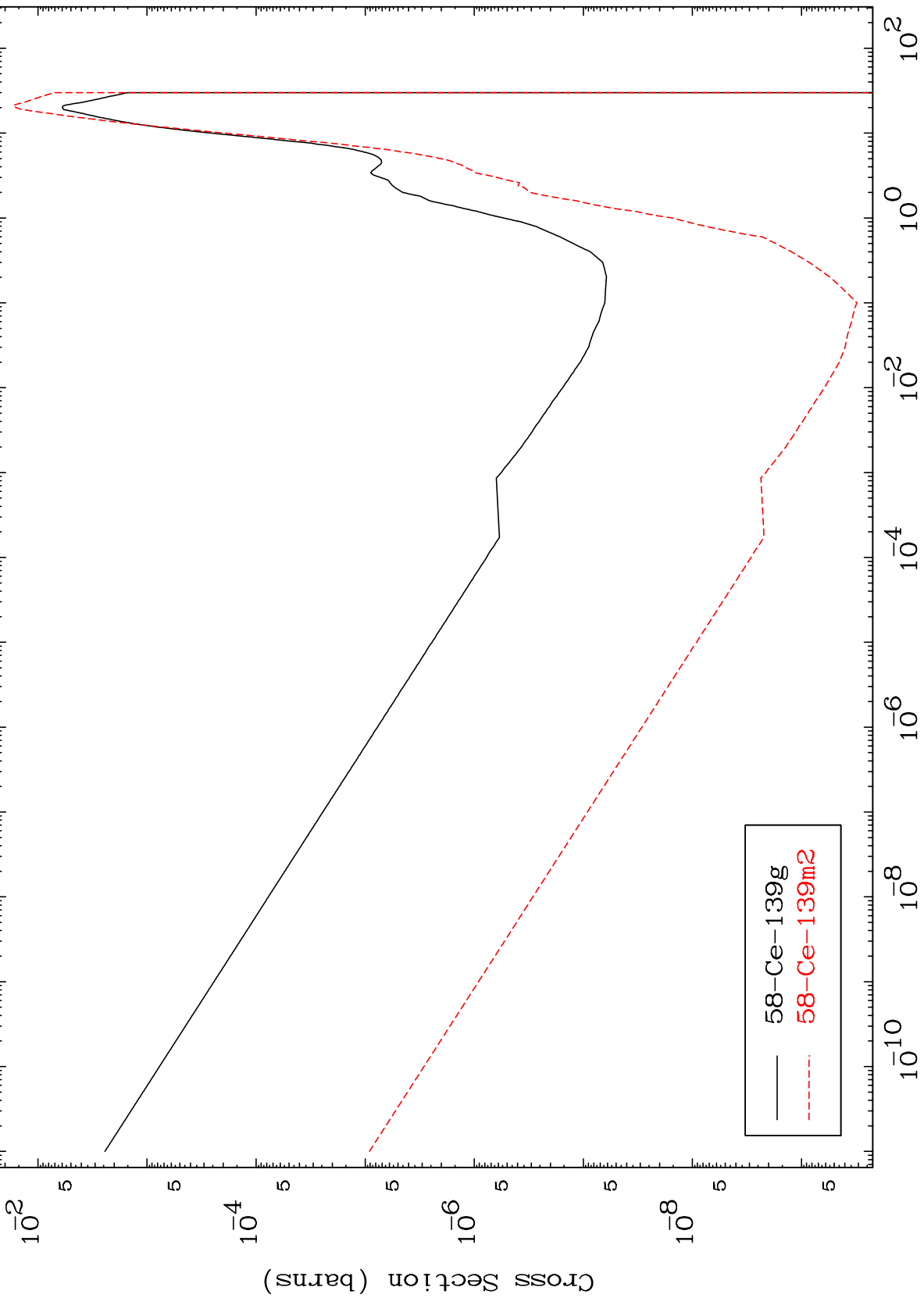
Incident Energy (MeV)

MAT 6025

(n, α)

60-Nd-142

Radionuclide Production Cross Section

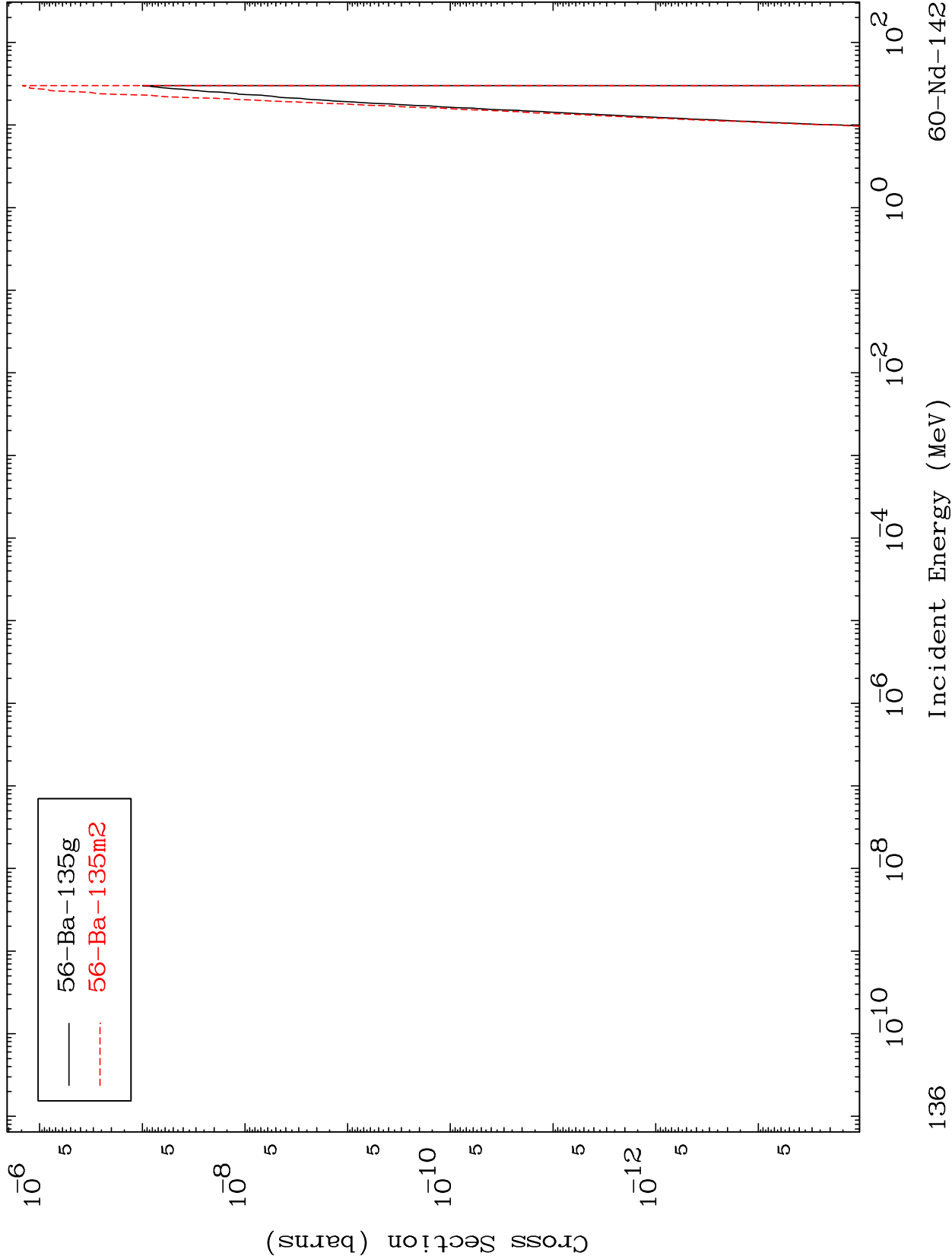


MAT 6025

(n,2α)

60-Nd-142

Radionuclide Production Cross Section

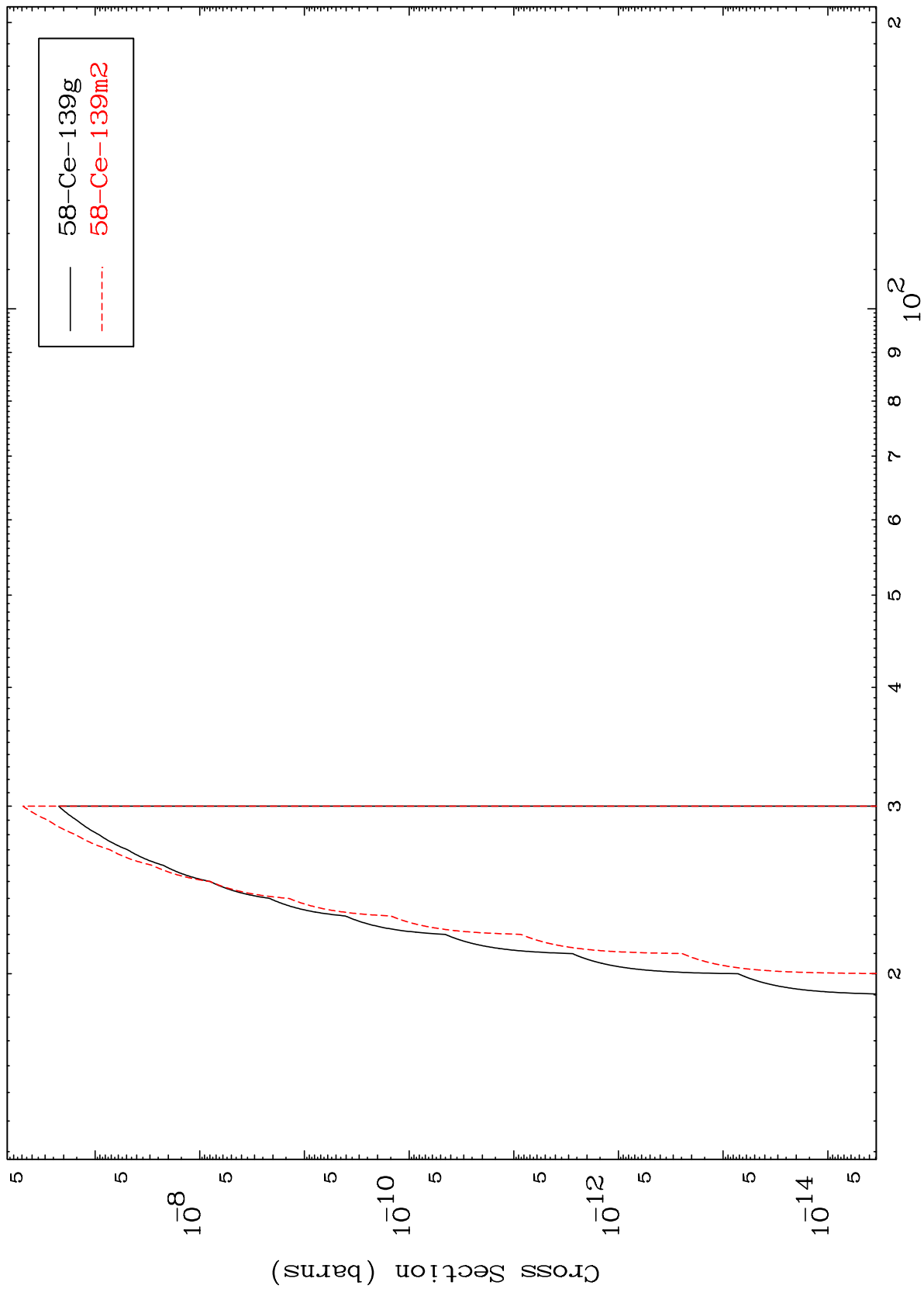


MAT 6025

(n,p) t

60-Nd-142

Radionuclide Production Cross Section



137

Incident Energy (MeV)

60-Nd-142