

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
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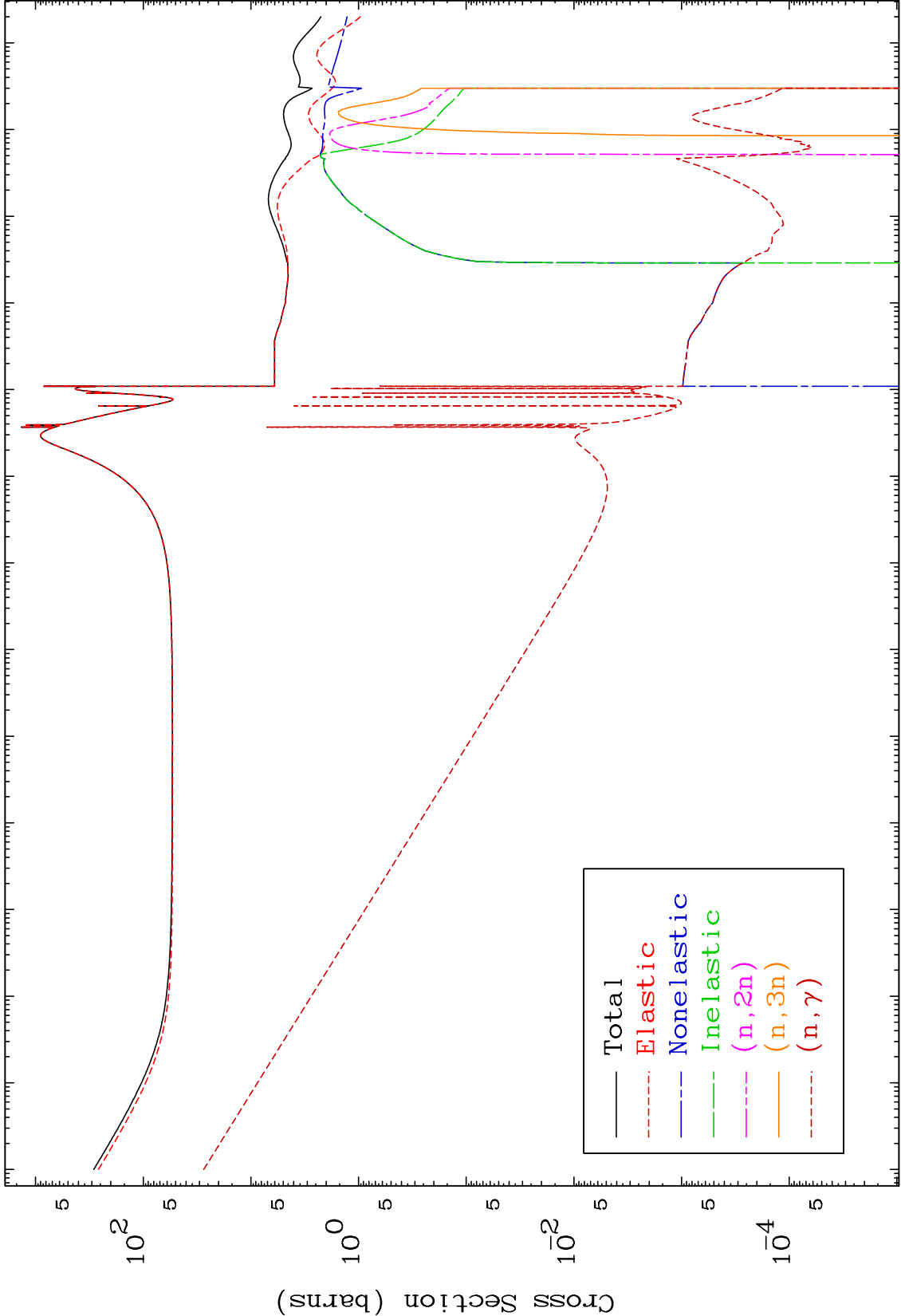
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5479

Neutron Major
293 Kelvin Cross Sections

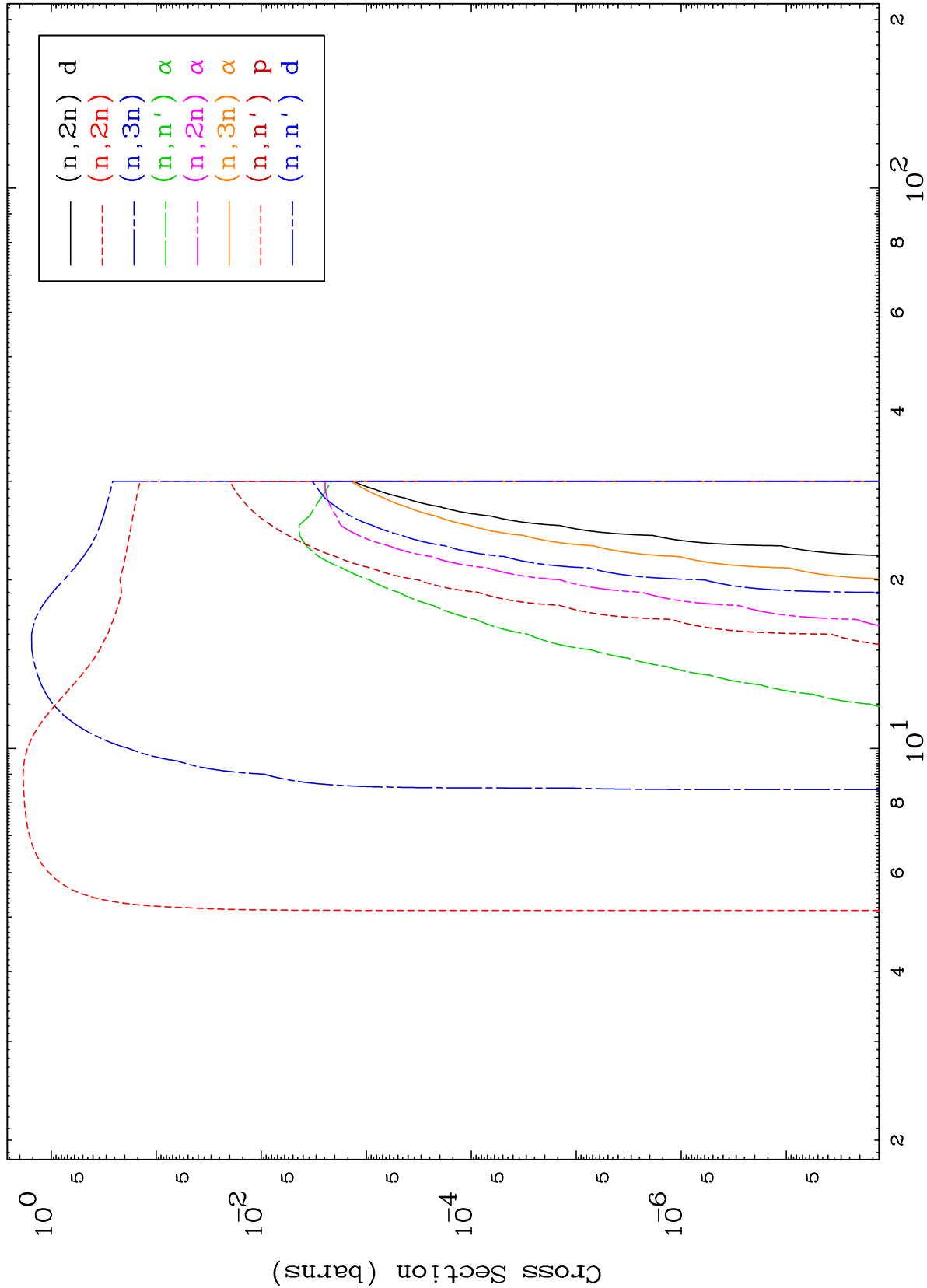
54-Xe-142



MAT 5479

Neutron Absorption
293 Kelvin Cross Sections

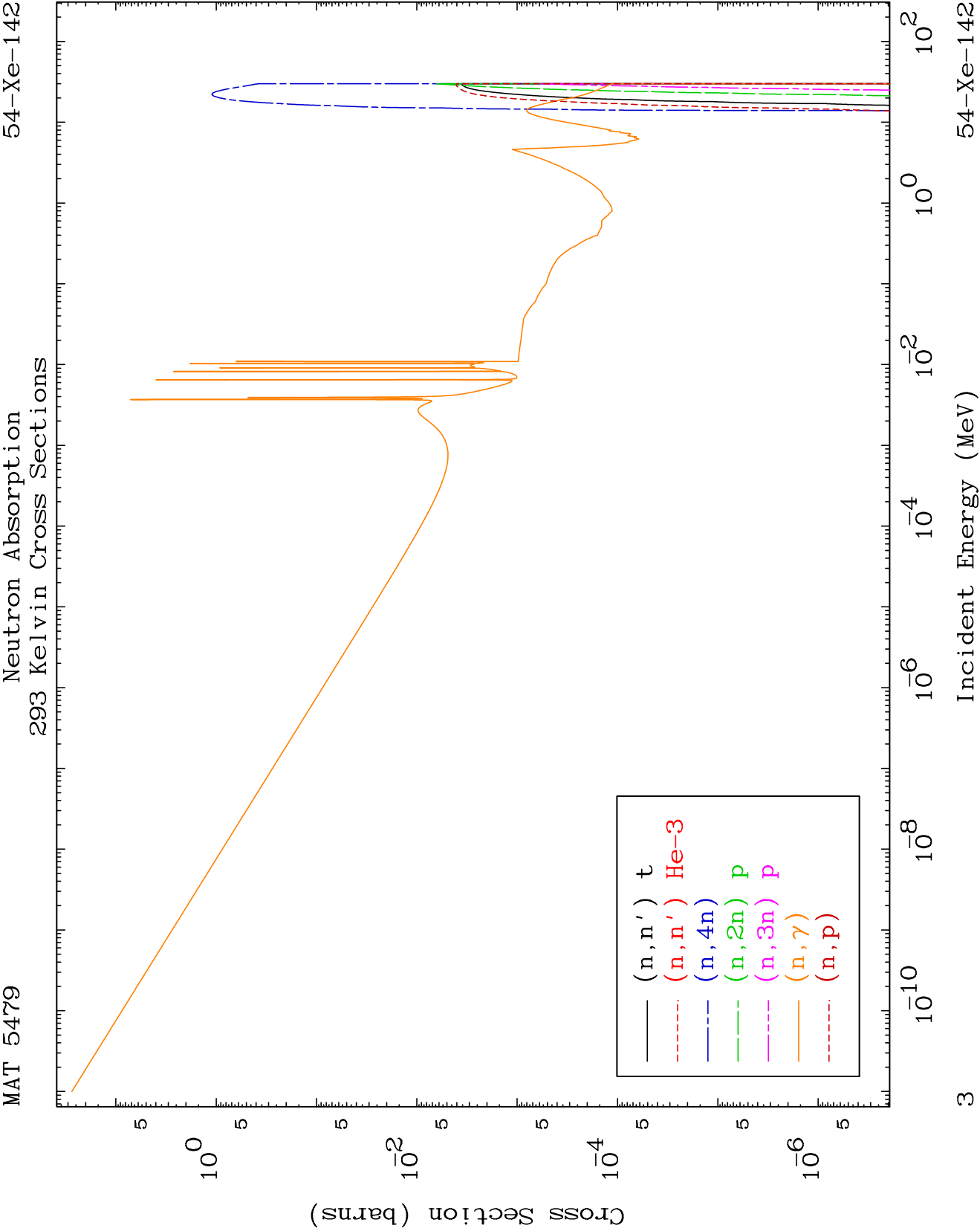
54-Xe-142

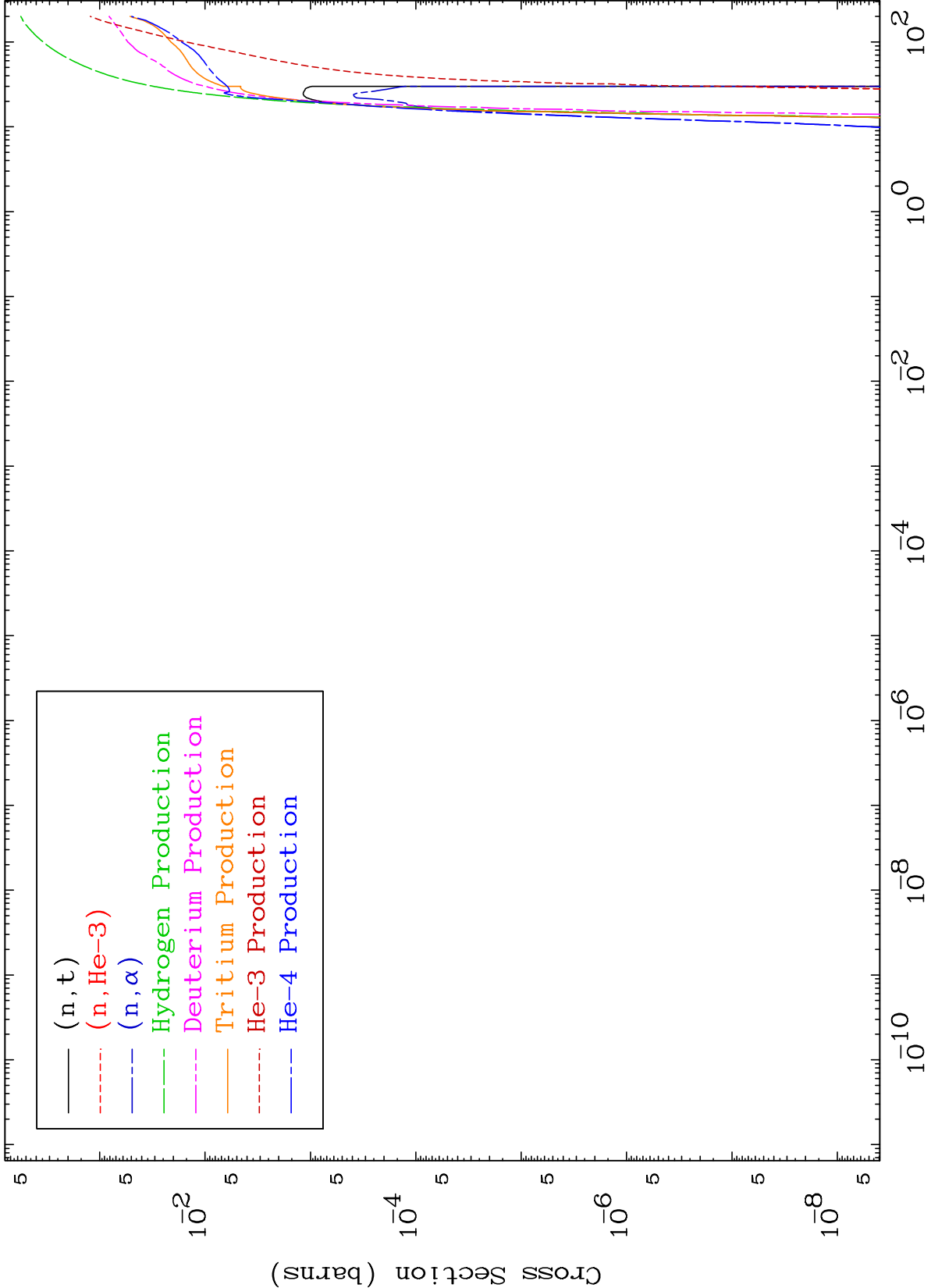


2

Incident Energy (MeV)

54-Xe-142

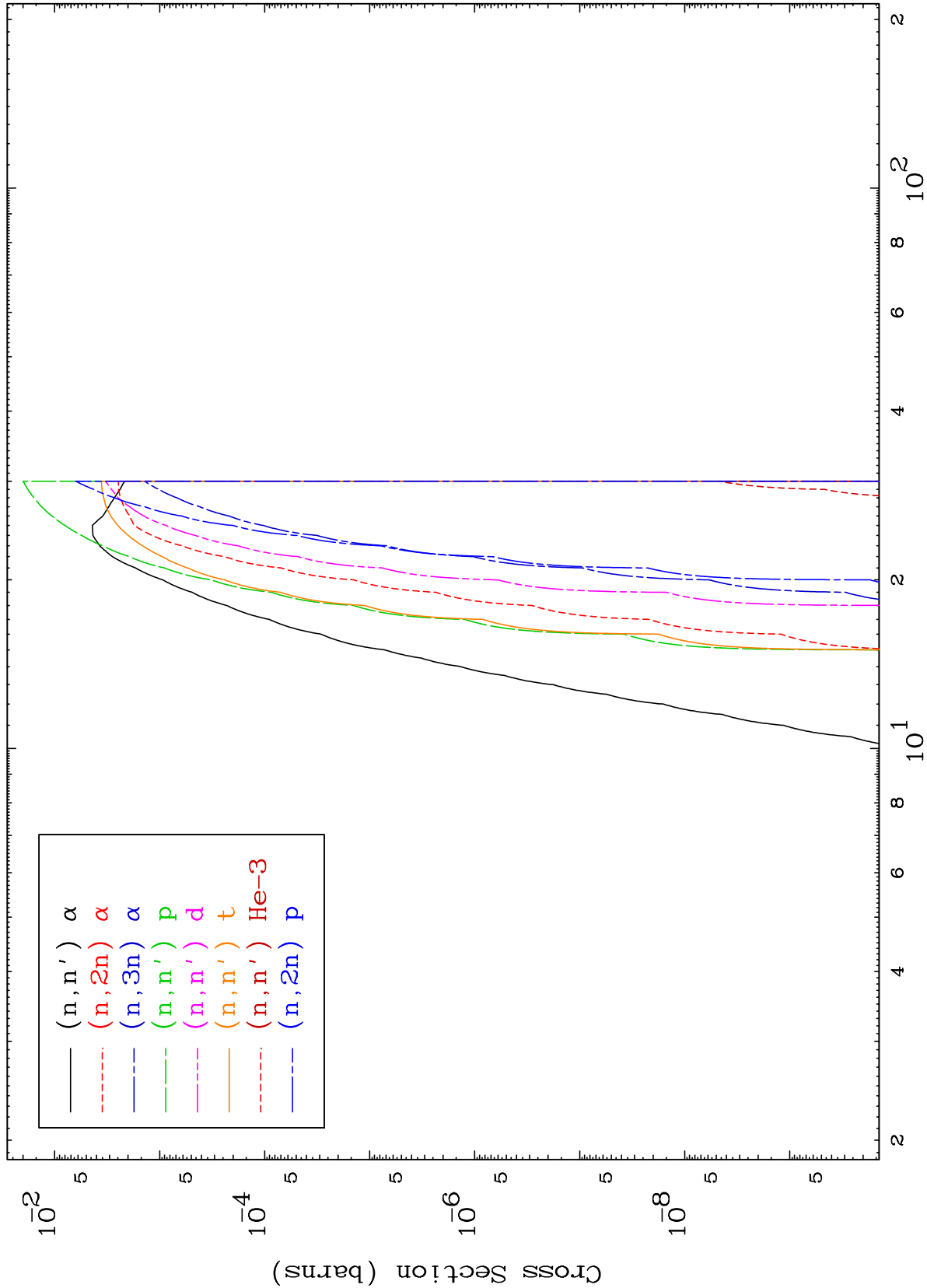




MAT 5479

Charged Particle
293 Kelvin Cross Sections

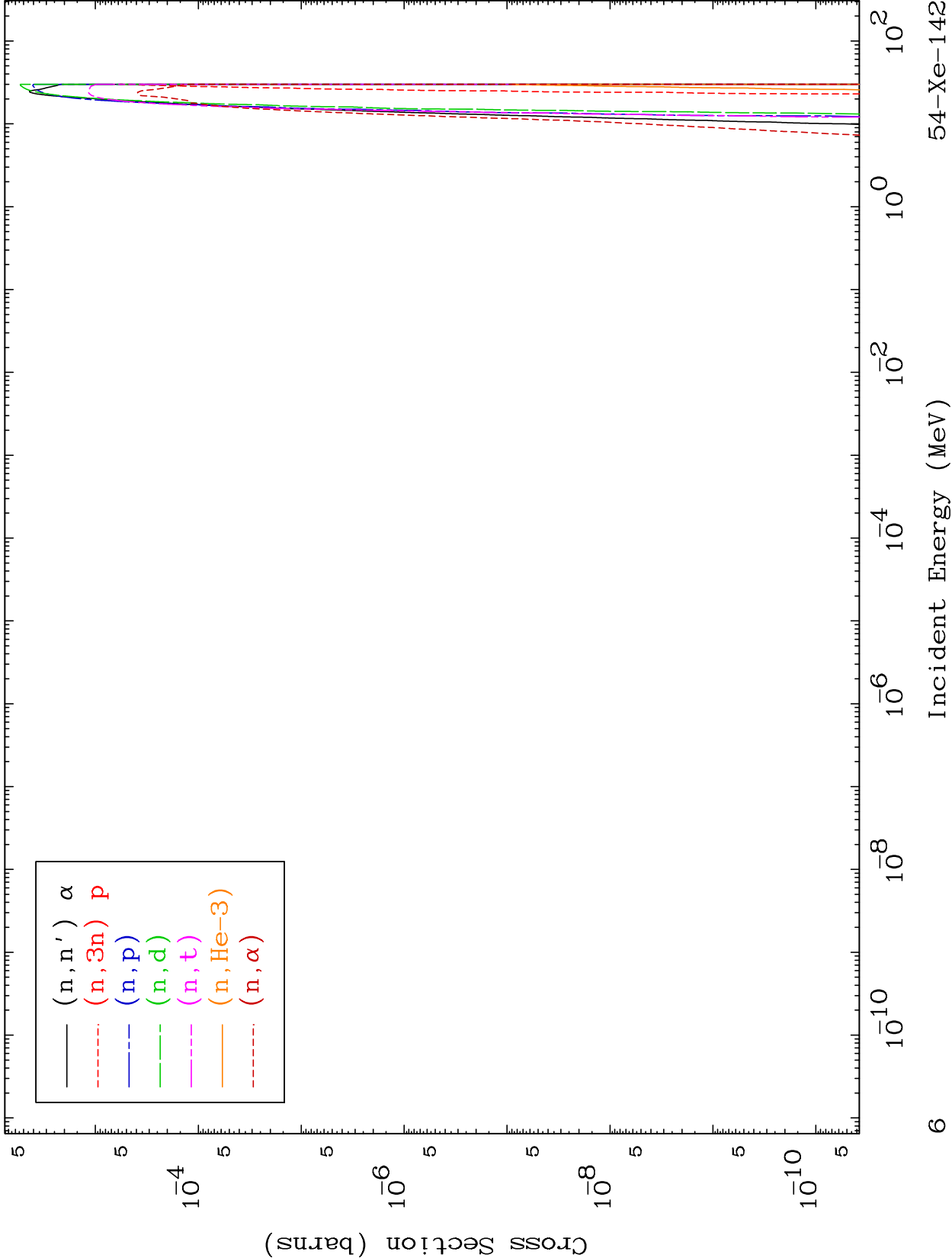
54-Xe-142

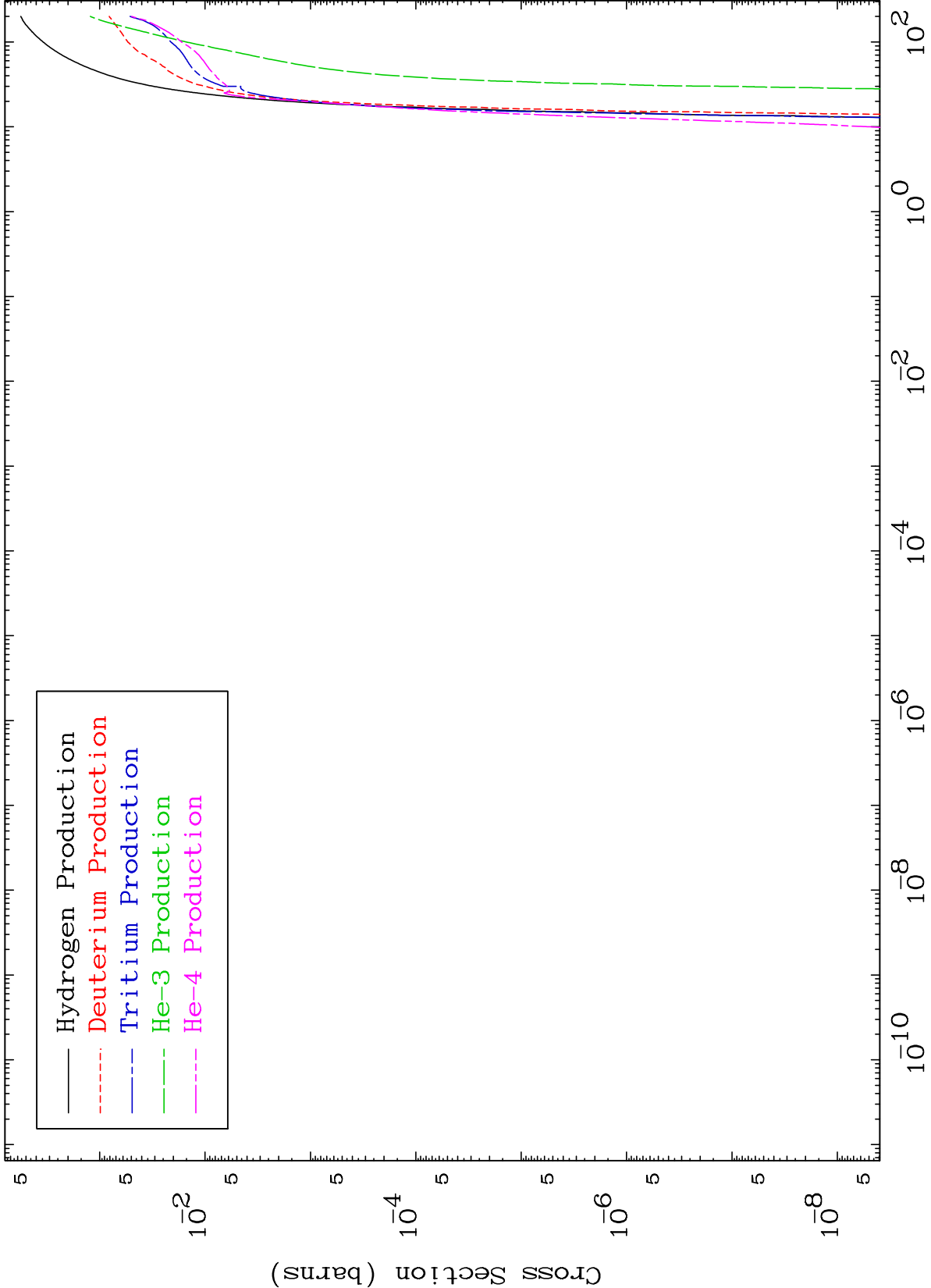


5

Incident Energy (MeV)

54-Xe-142



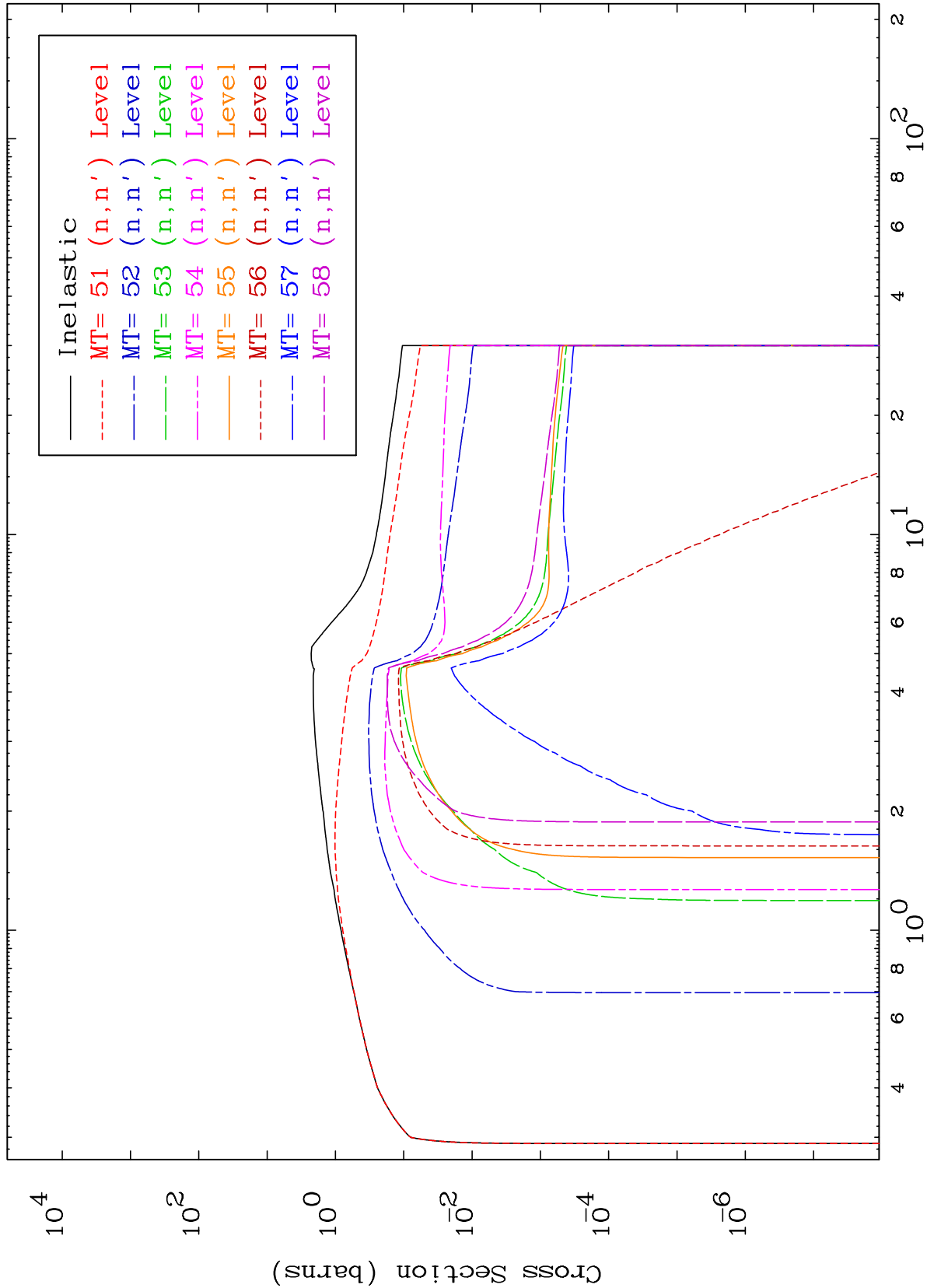


MAT 5479

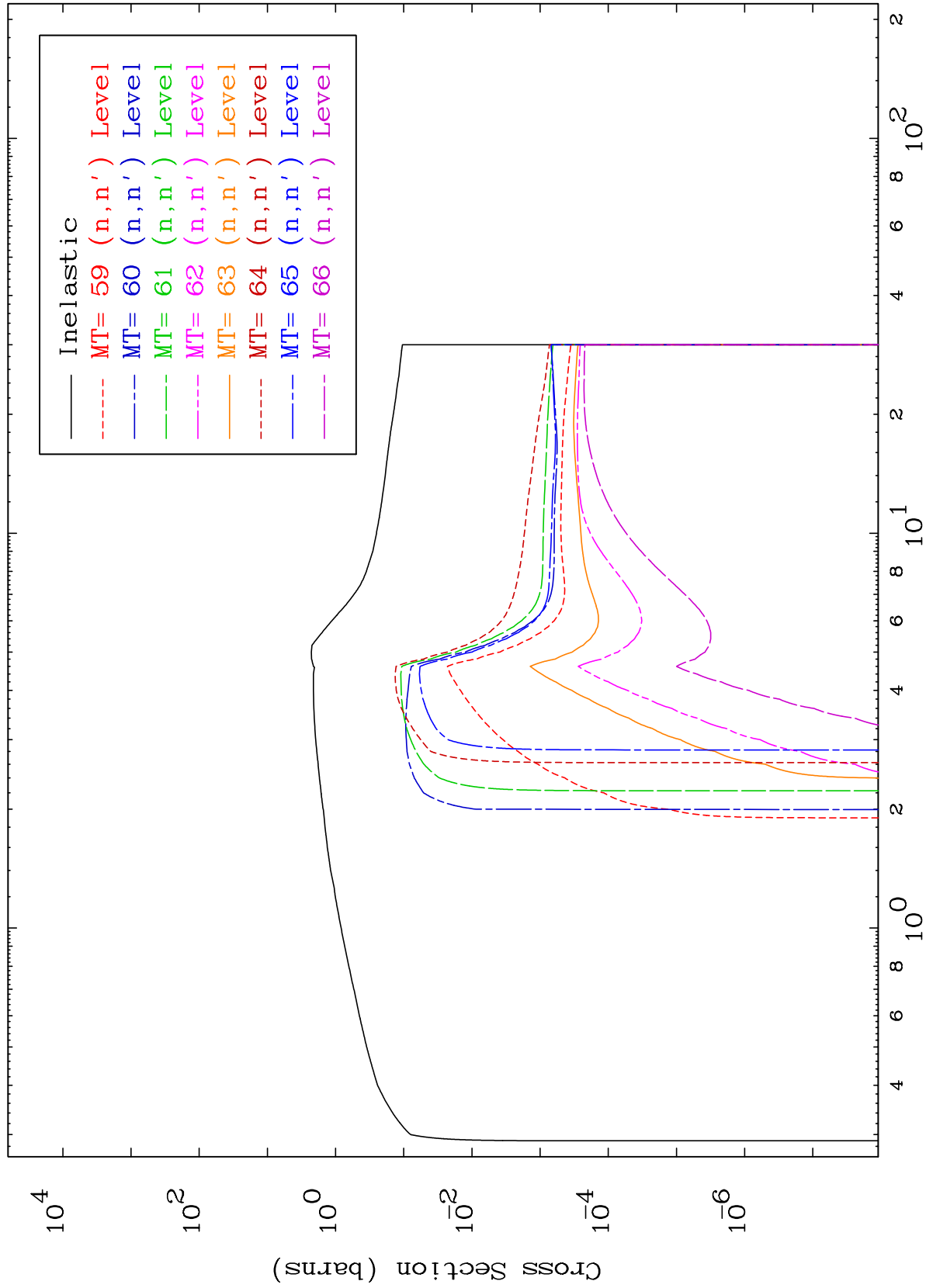
(n,n') Levels

293 Kelvin Cross Sections

54-Xe-142



293 Kelvin Cross Sections

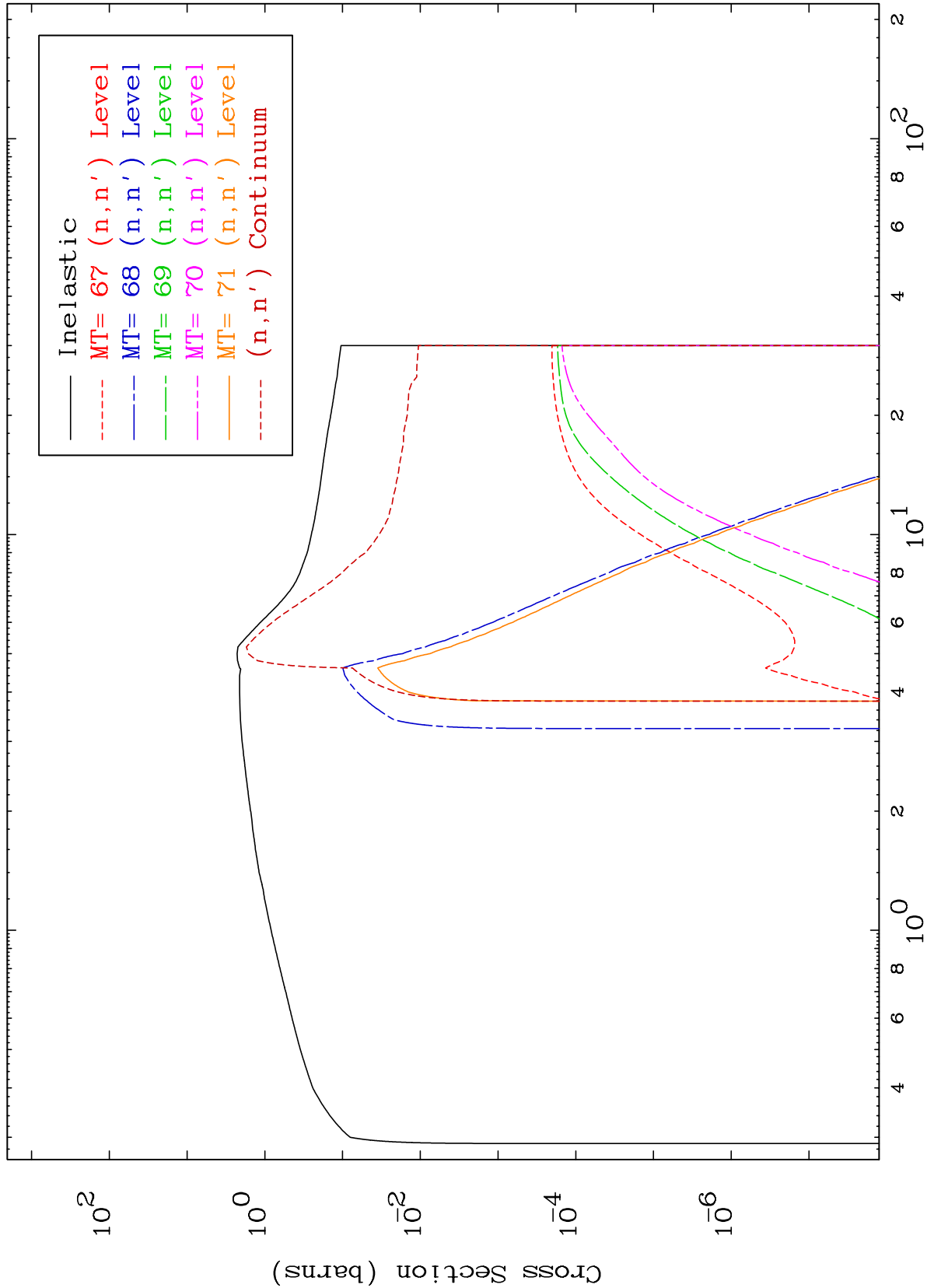


MAT 5479

(n,n') Levels

293 Kelvin Cross Sections

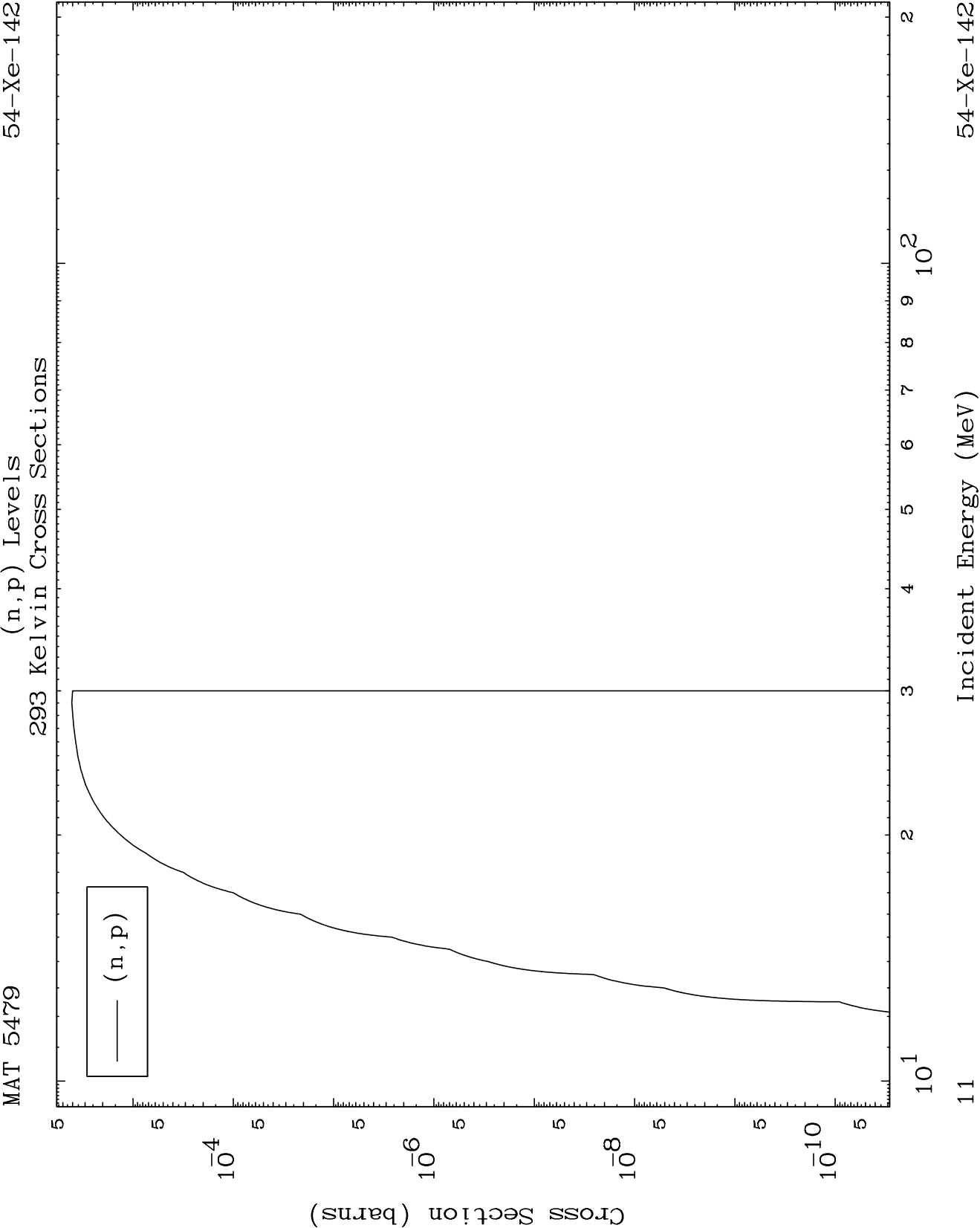
54-Xe-142



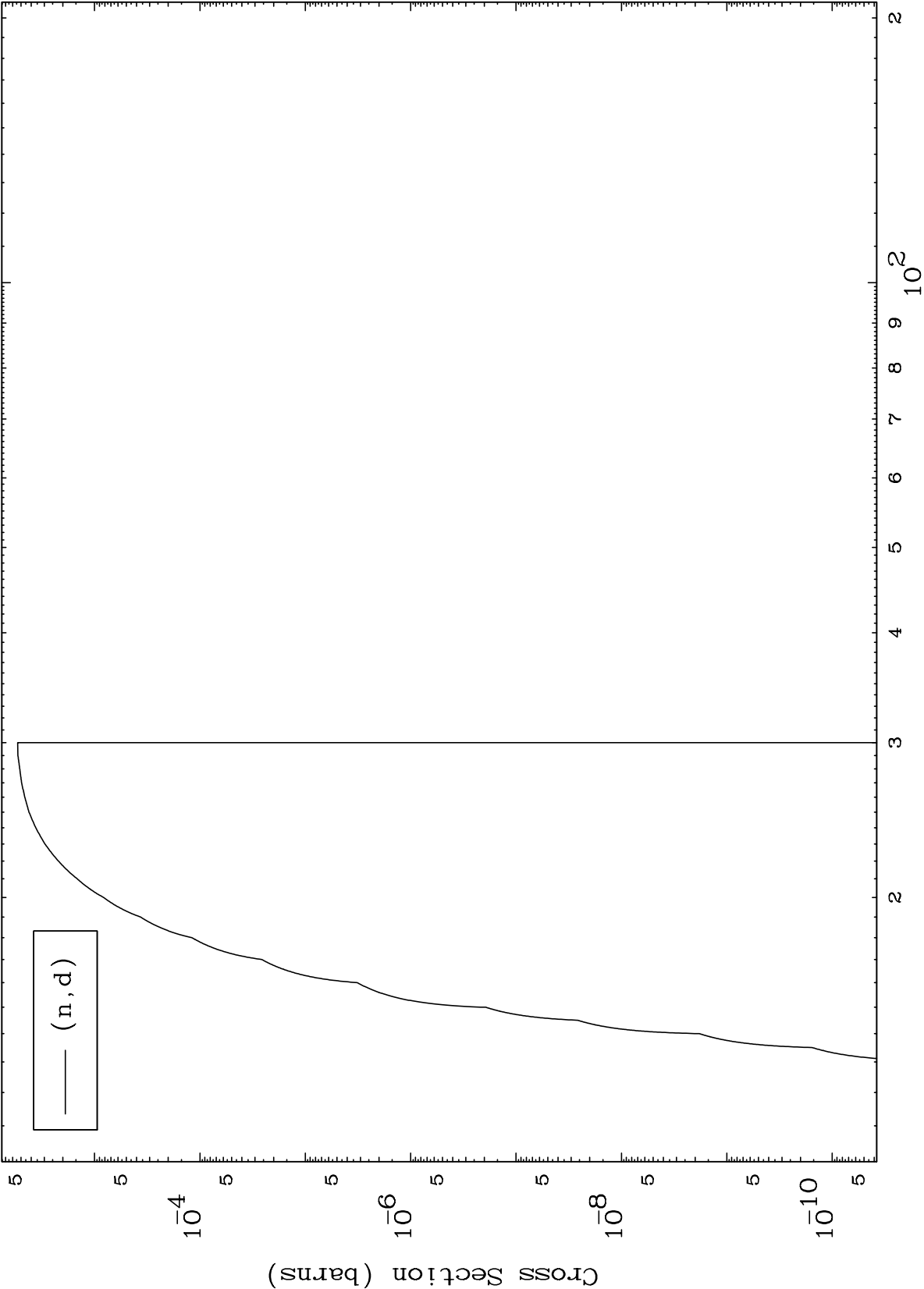
10

Incident Energy (MeV)

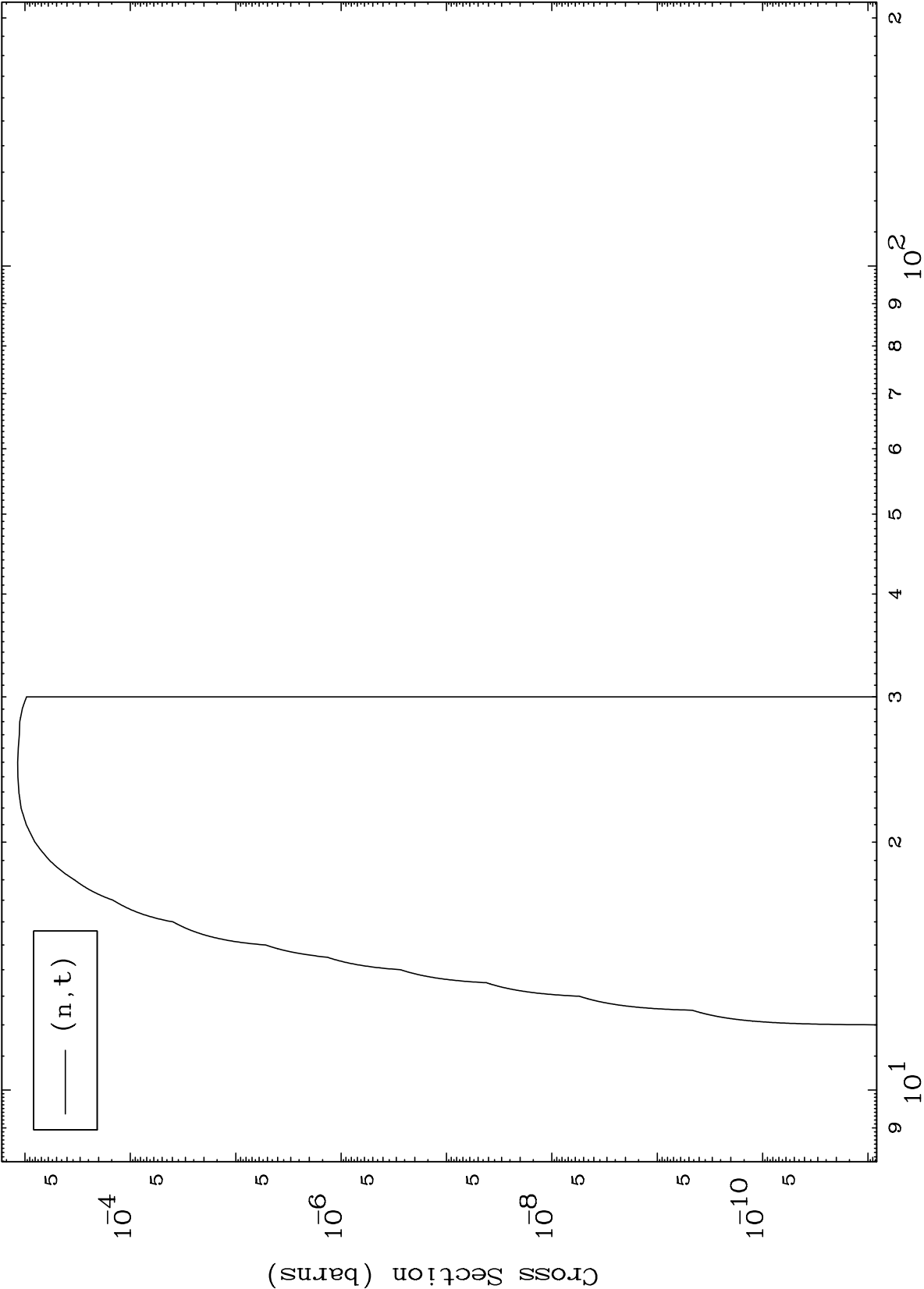
54-Xe-142



(n,d) Levels
293 Kelvin Cross Sections



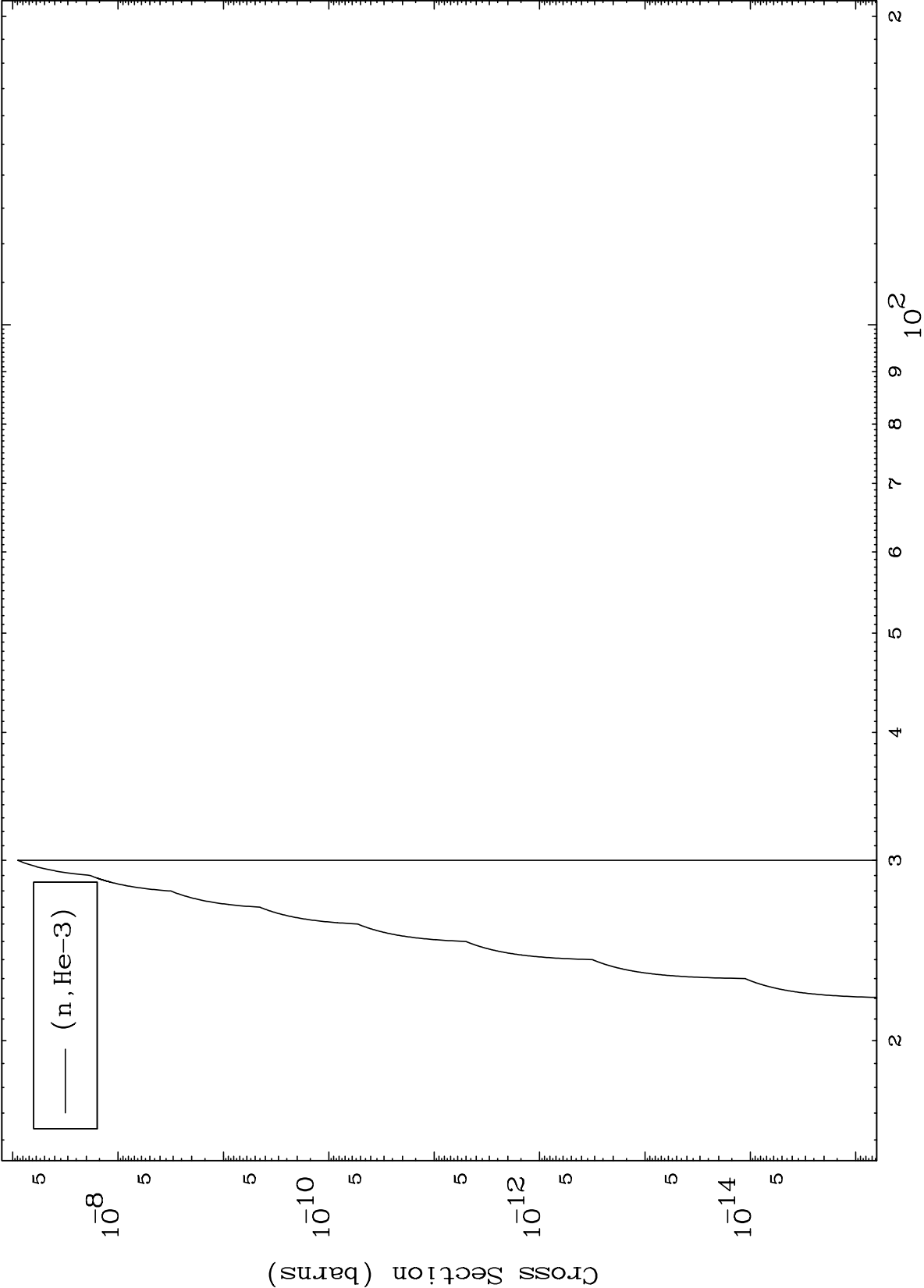
(n,t) Levels
293 Kelvin Cross Sections



MAT 5479

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-142



14

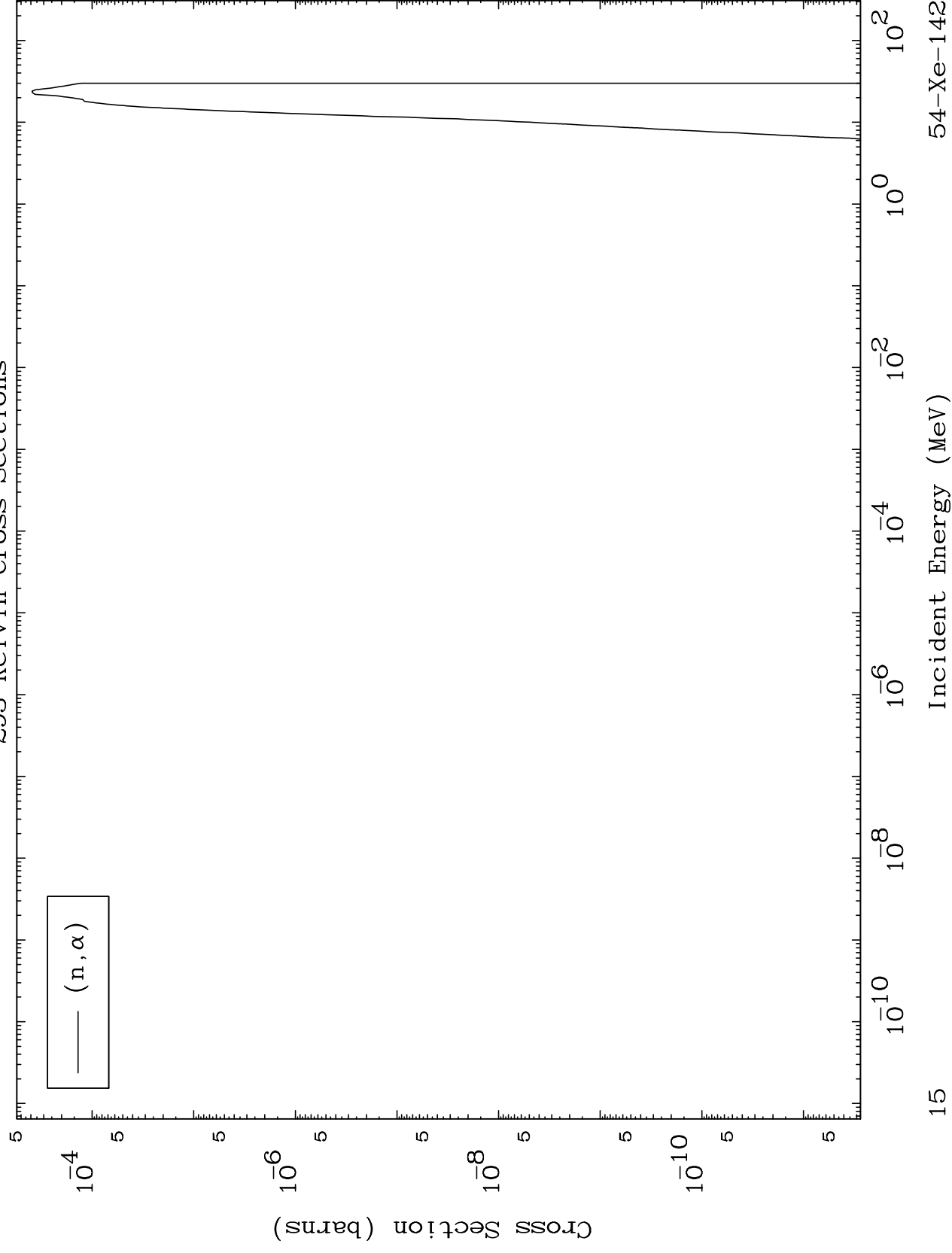
Incident Energy (MeV)

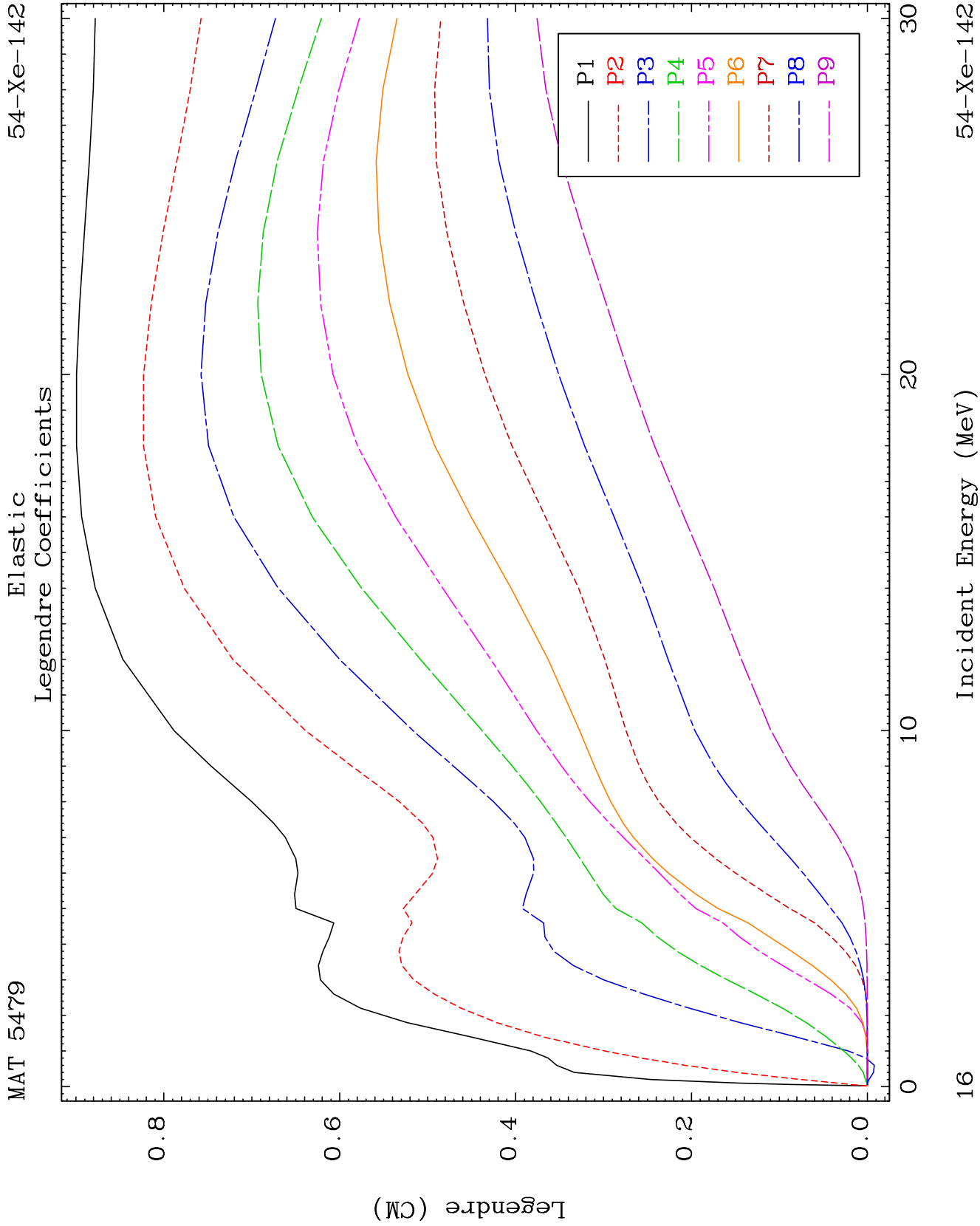
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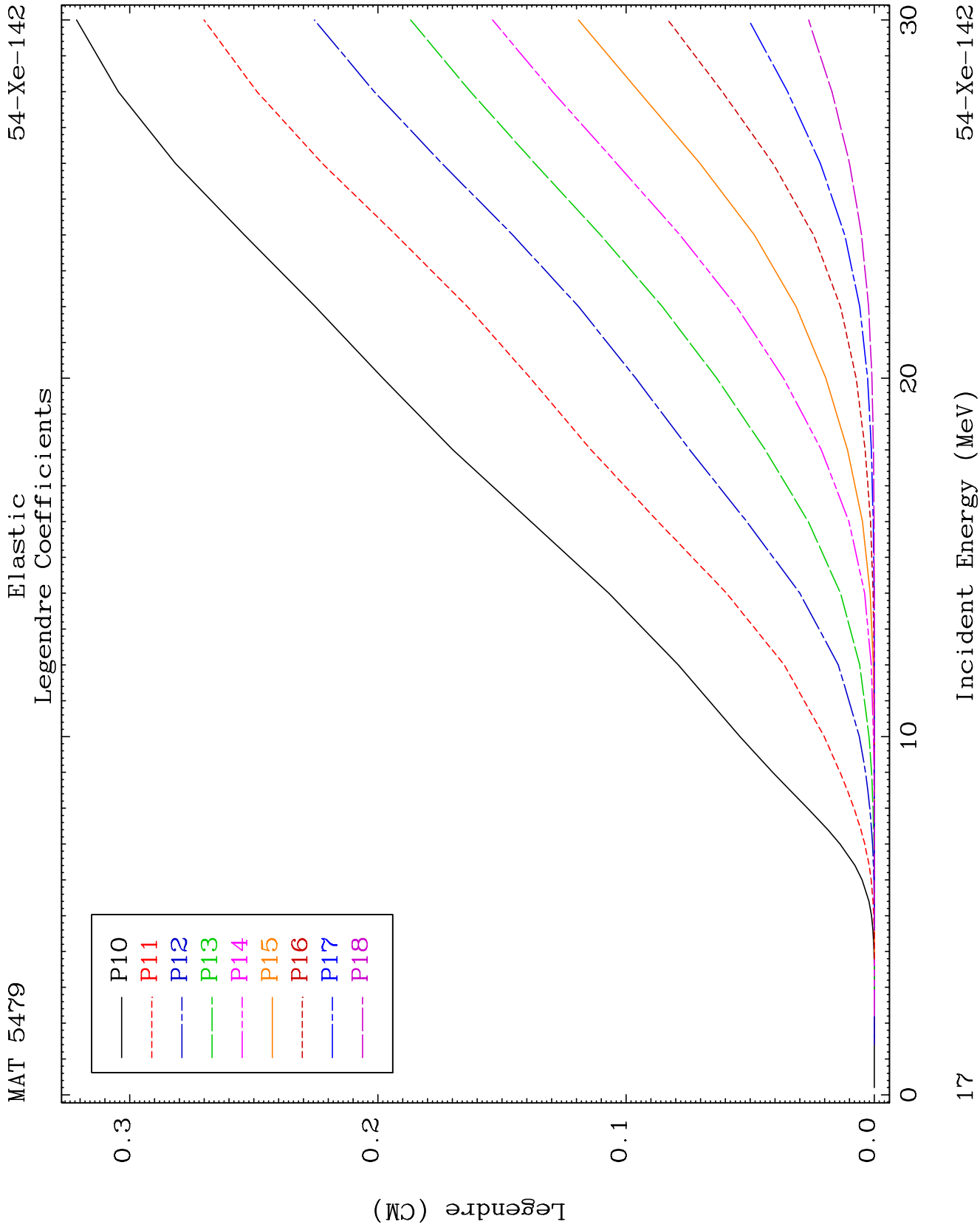
MAT 5479

54-Xe-142

(n, α) Levels
293 Kelvin Cross Sections

 (n, α) Levels

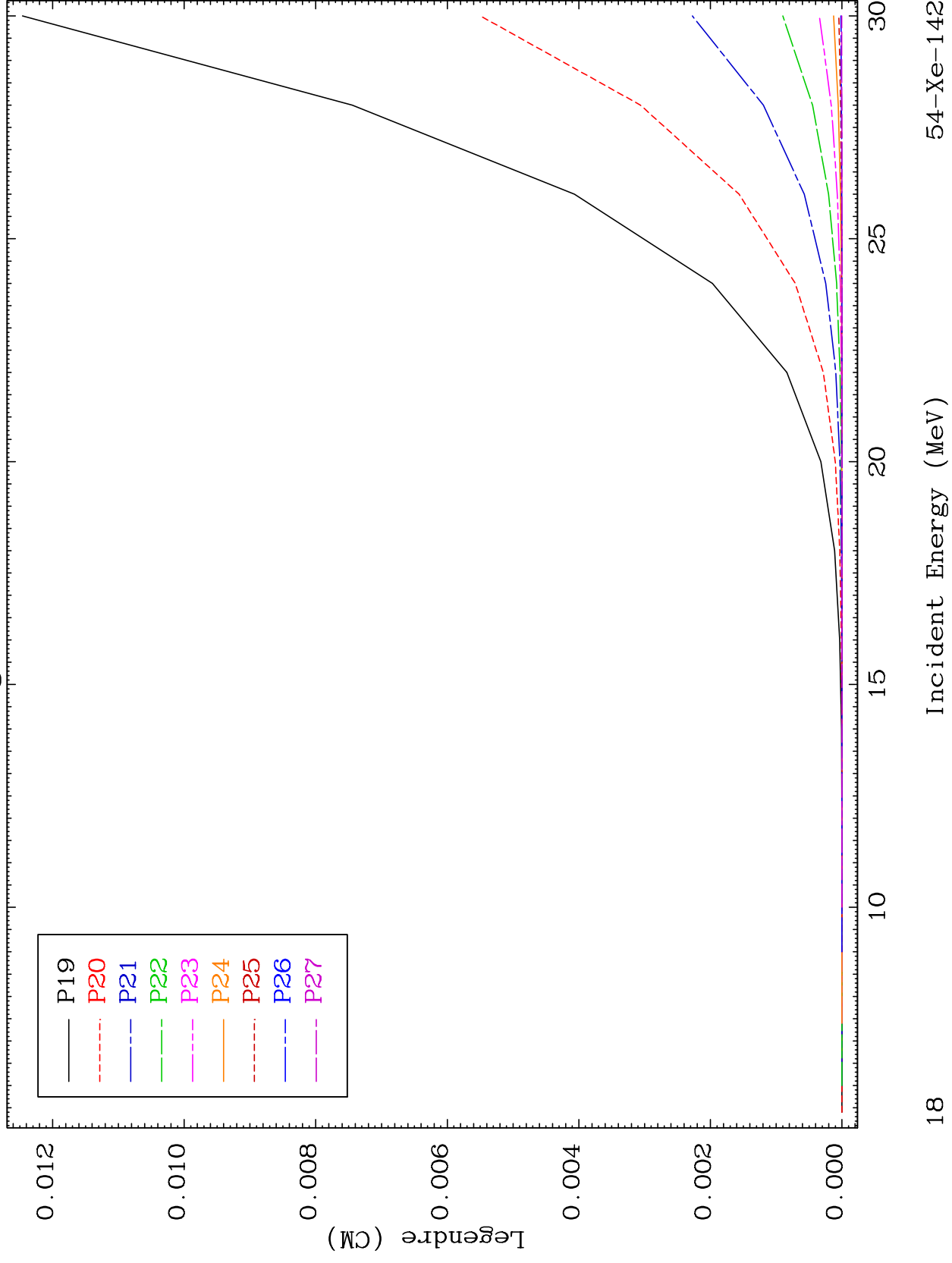




MAT 5479

Elastic Legendre Coefficients

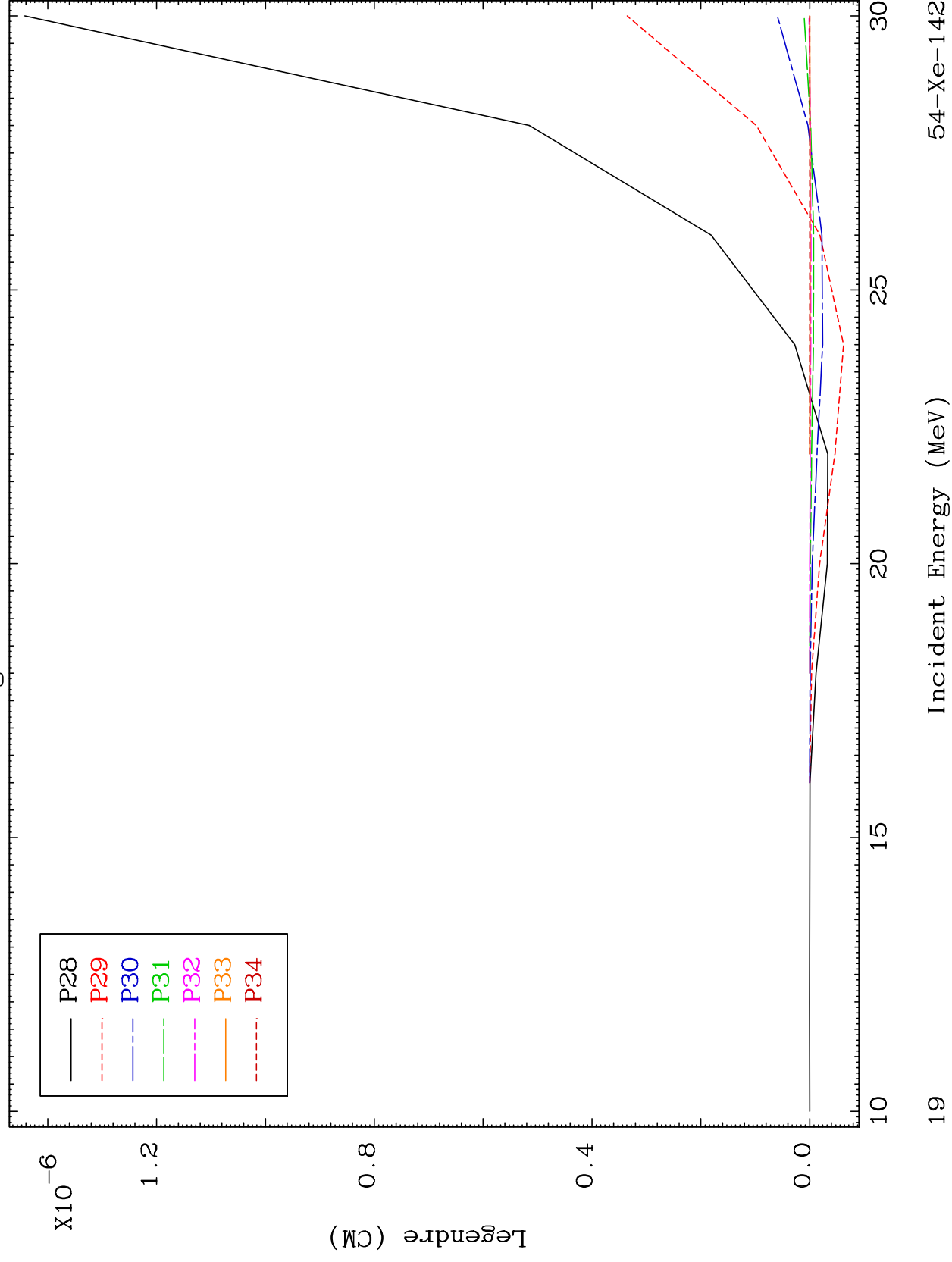
54-Xe-142

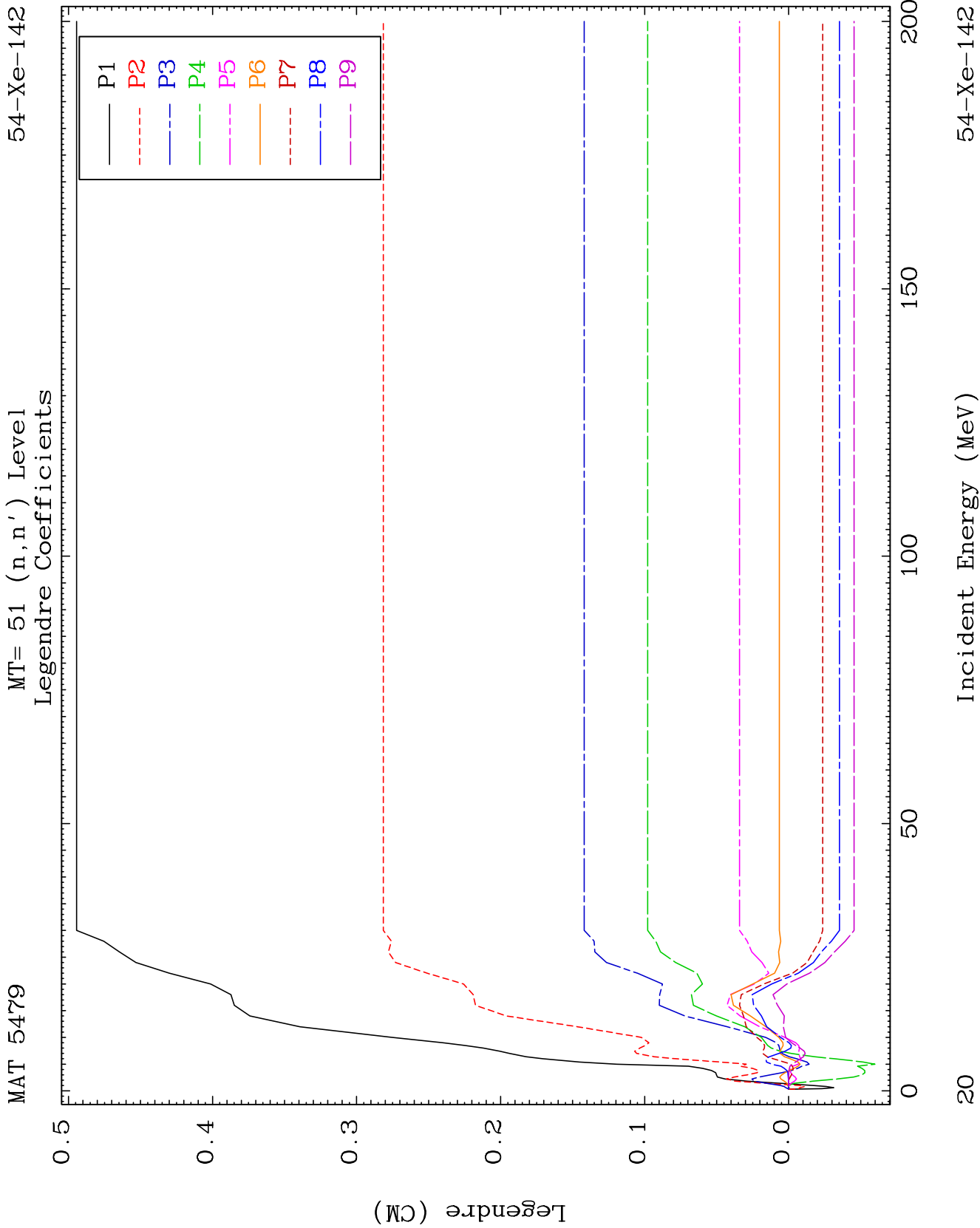


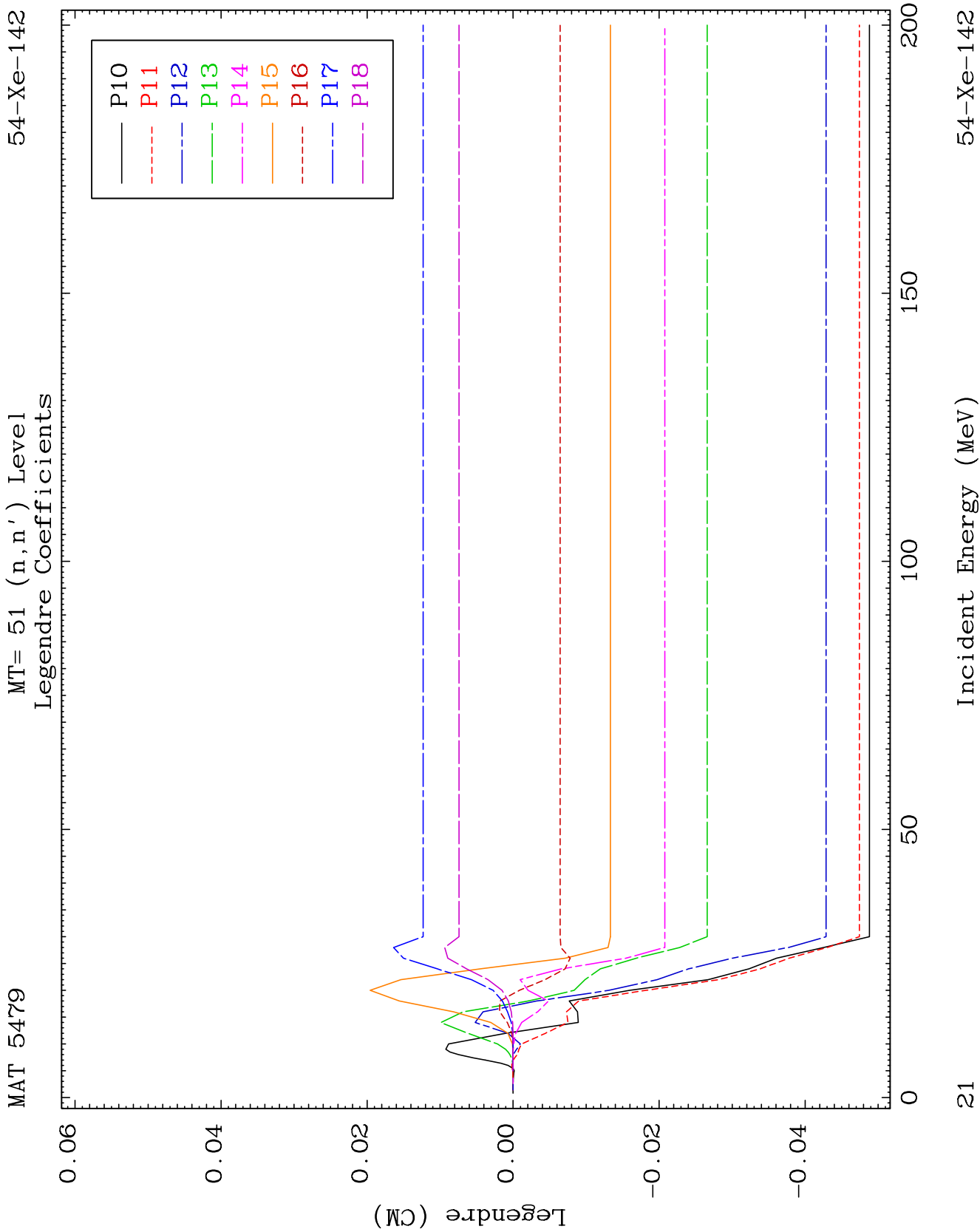
MAT 5479

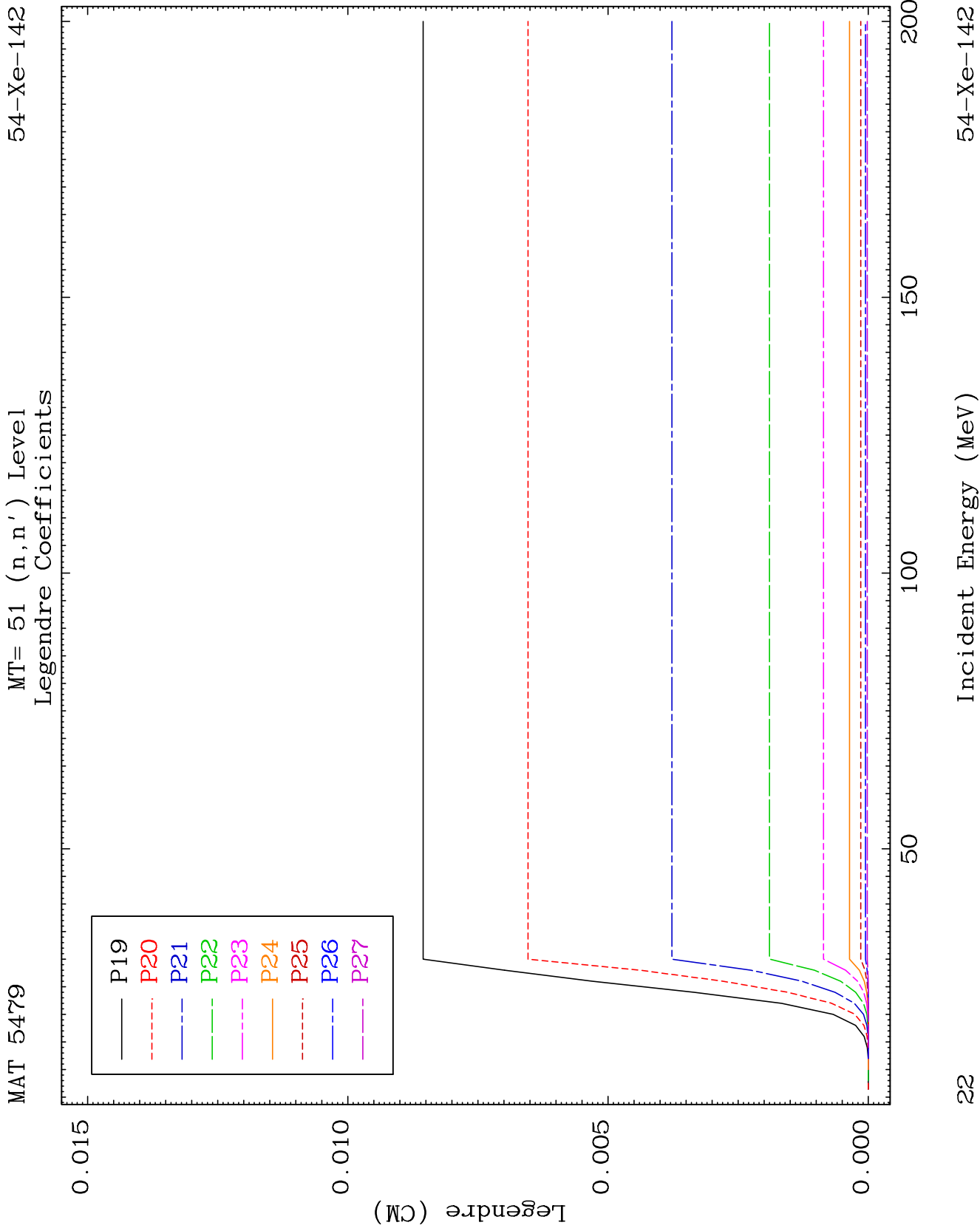
Elastic Legendre Coefficients

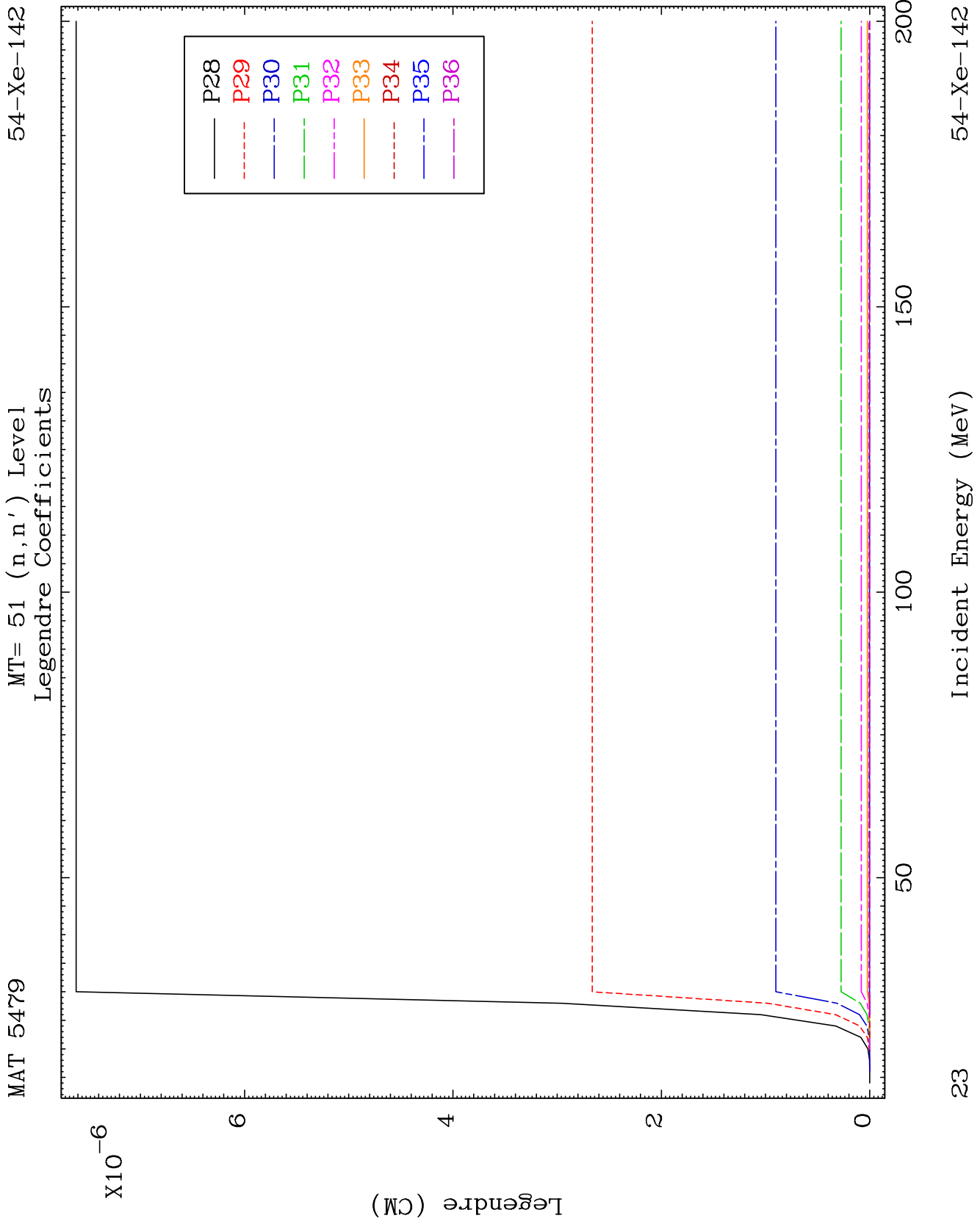
54-Xe-142







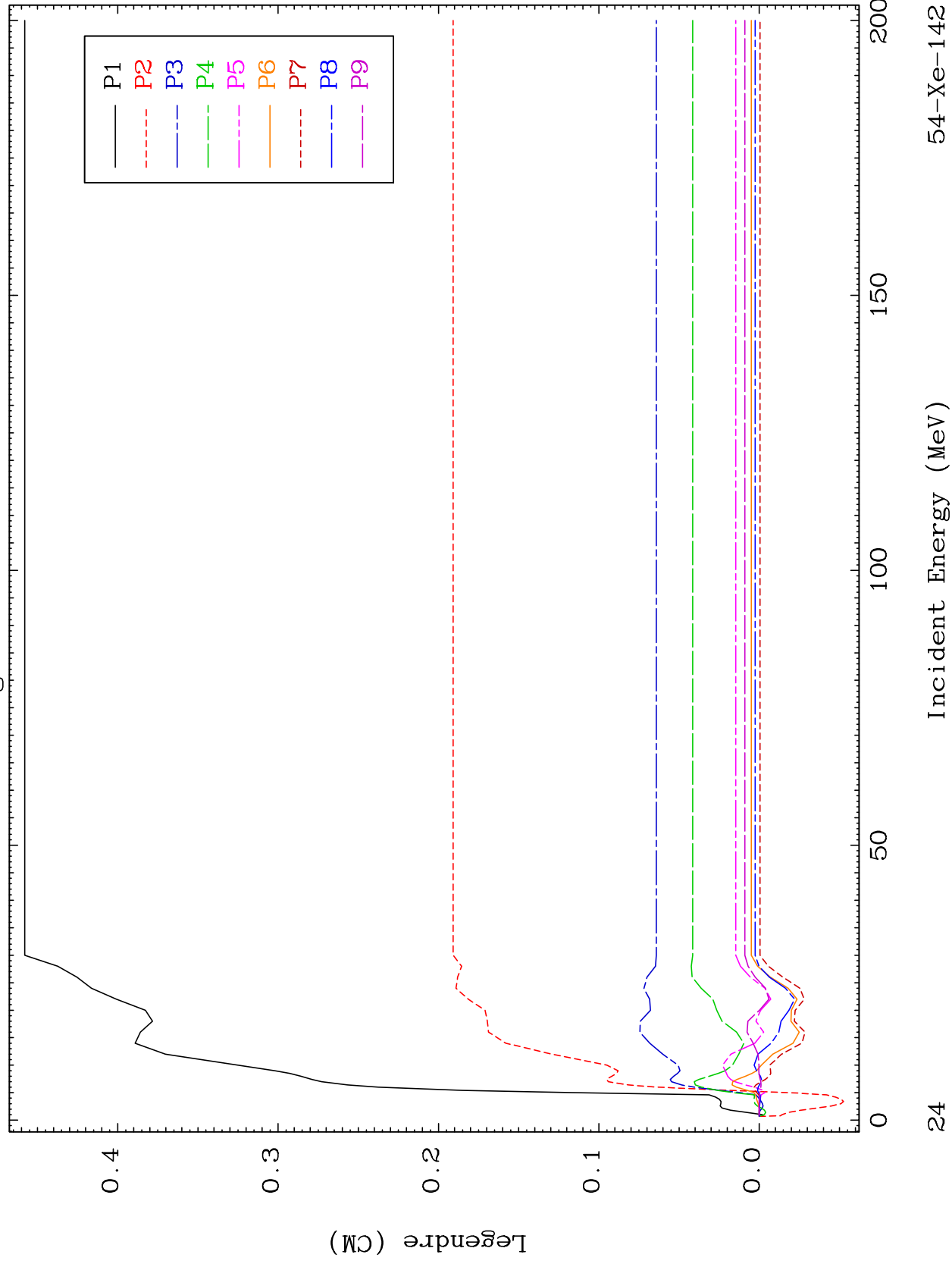




MAT 5479

MT= 52 (n, n') Level
Legendre Coefficients

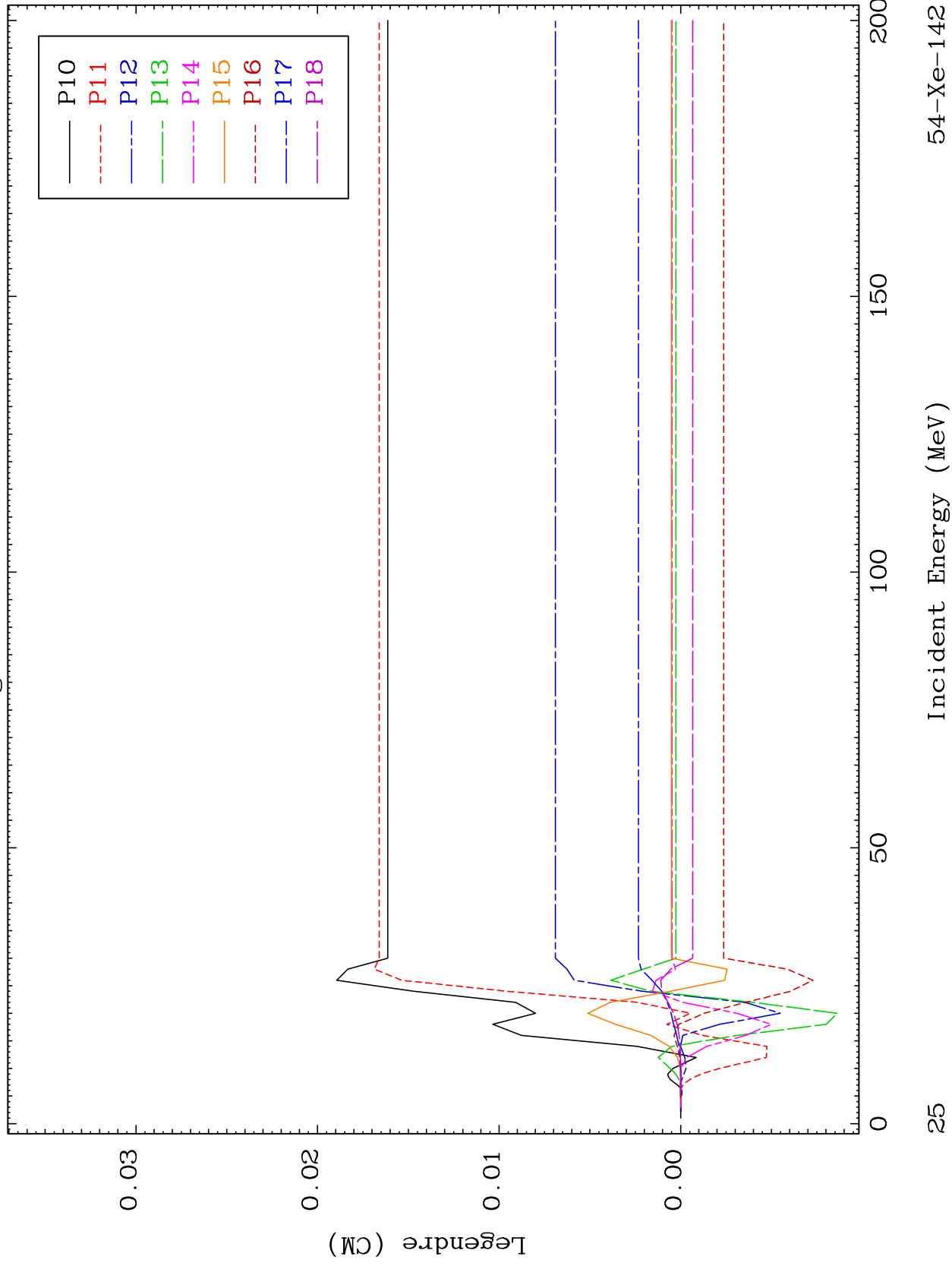
54-Xe-142



MAT 5479

MT= 52 (n, n') Level
Legendre Coefficients

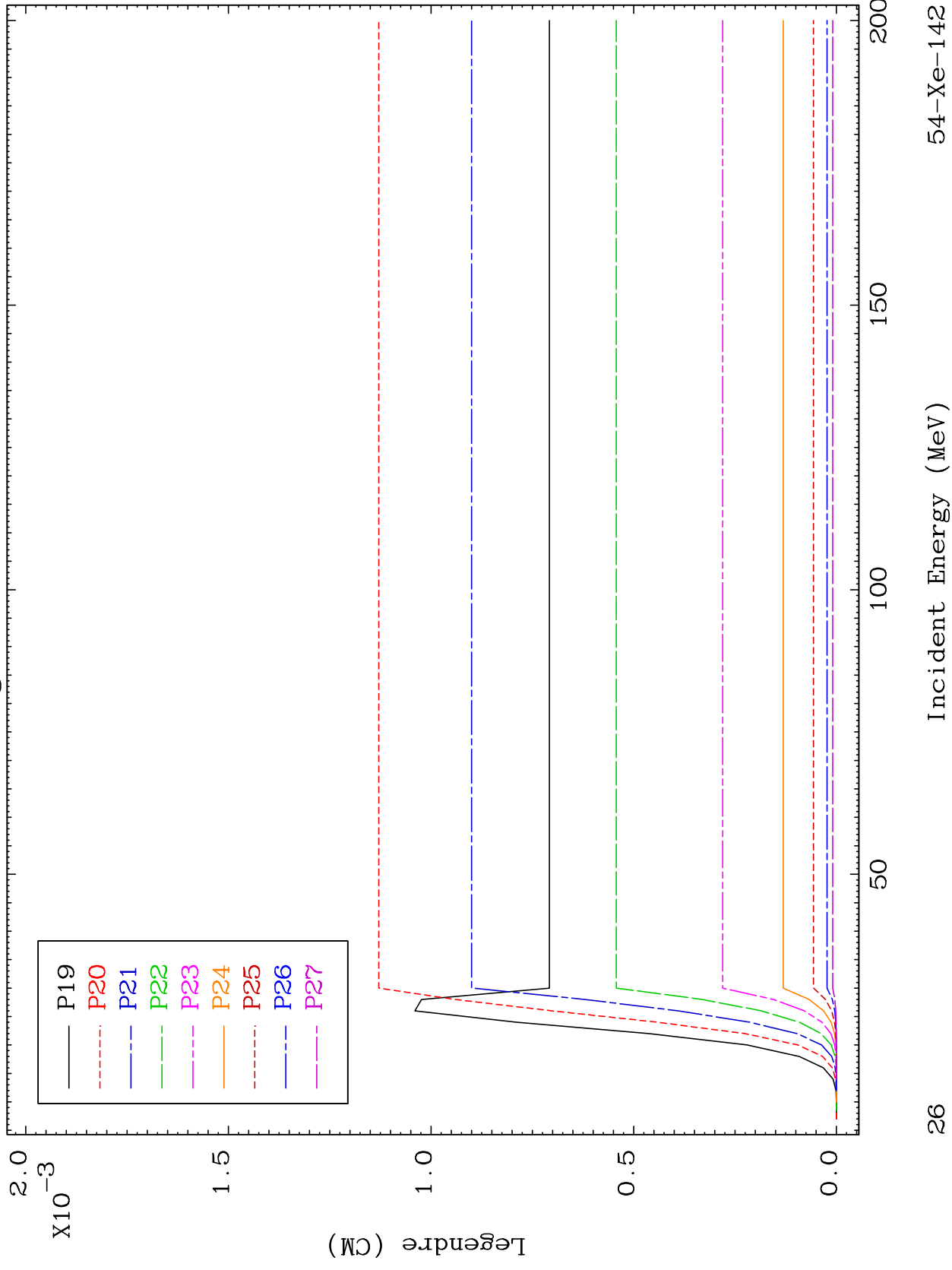
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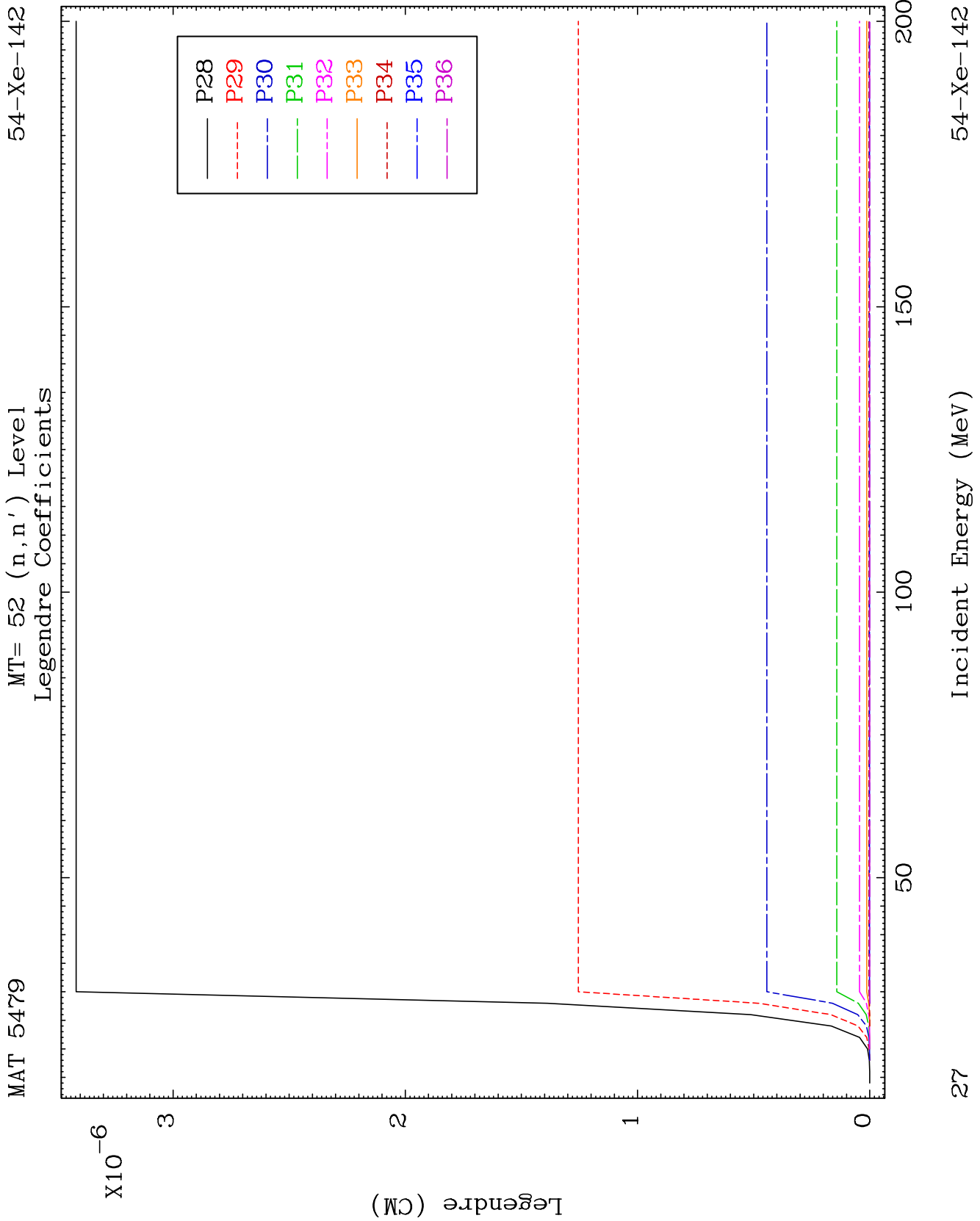


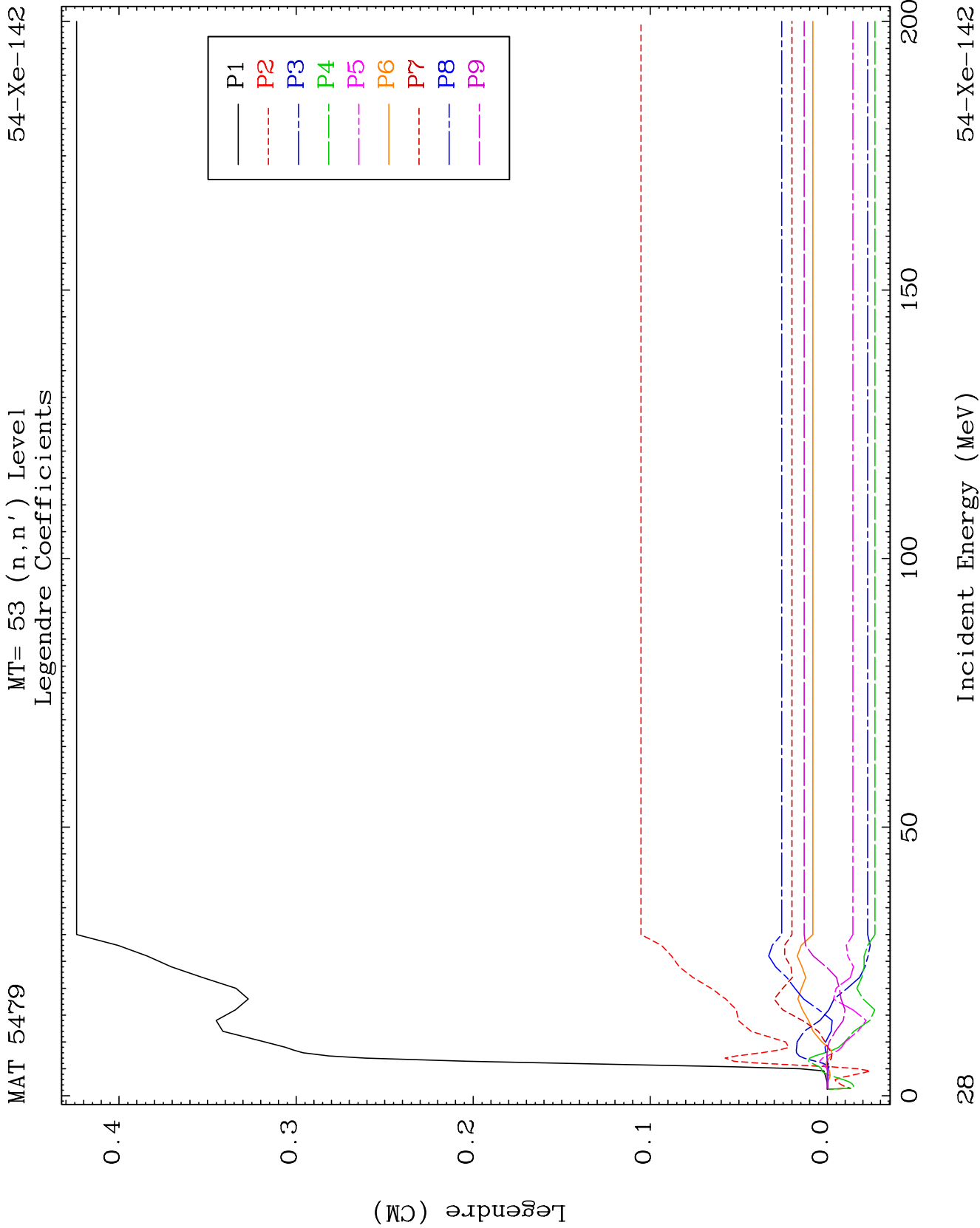
MAT 5479

MT= 52 (n, n') Level
Legendre Coefficients

54-Xe-142



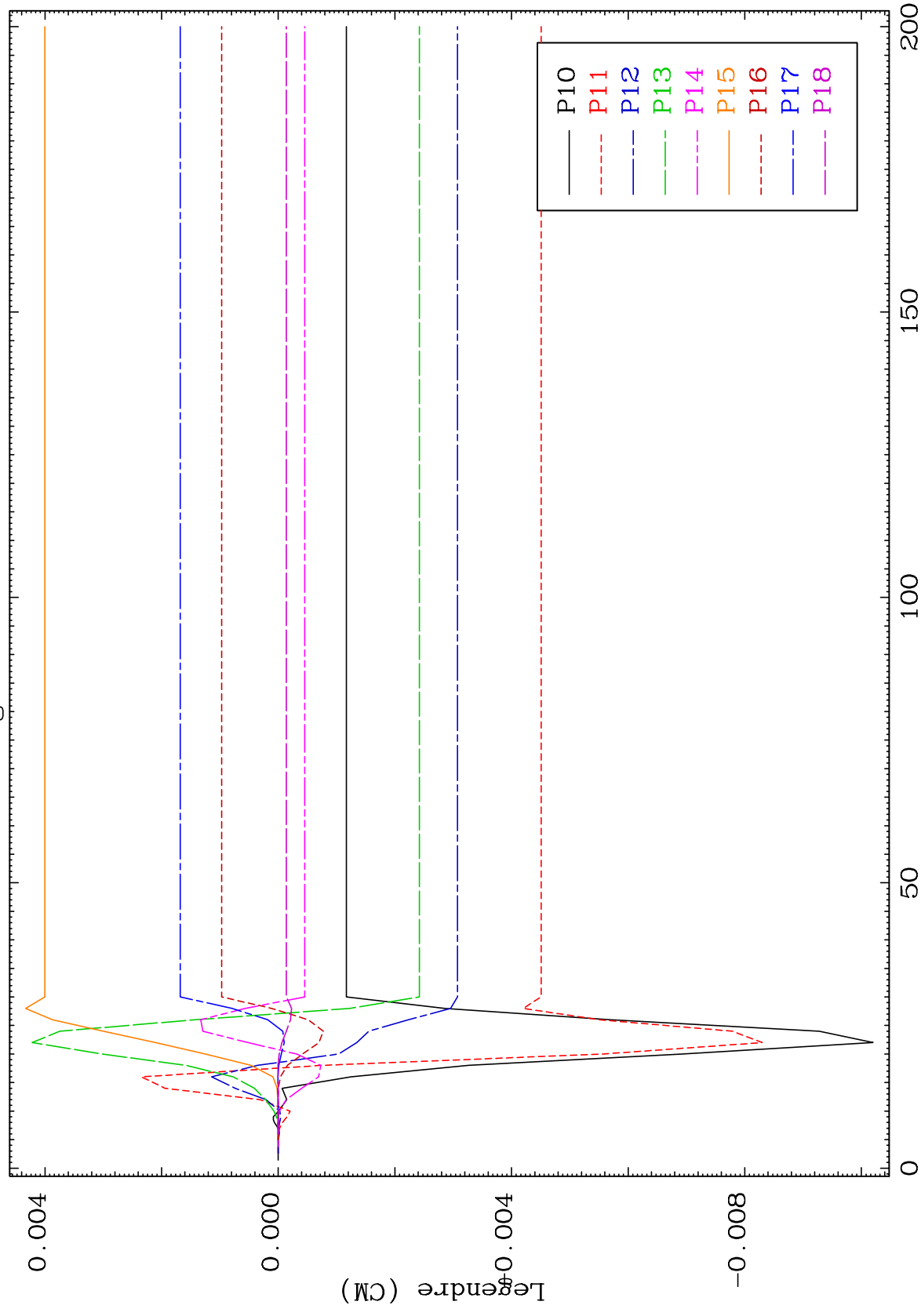




MAT 5479

54-Xe-142

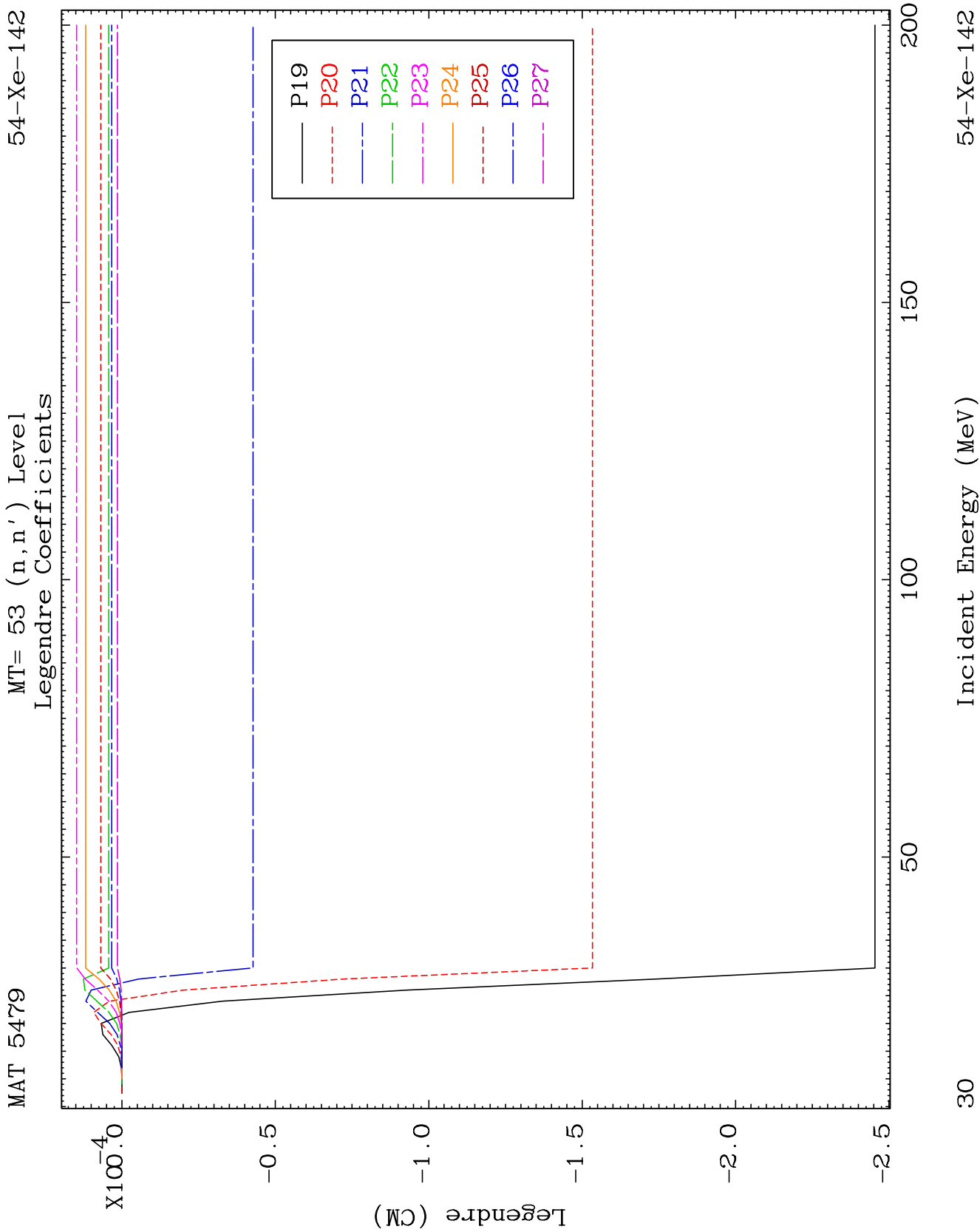
MT= 53 (n, n') Level
Legendre Coefficients

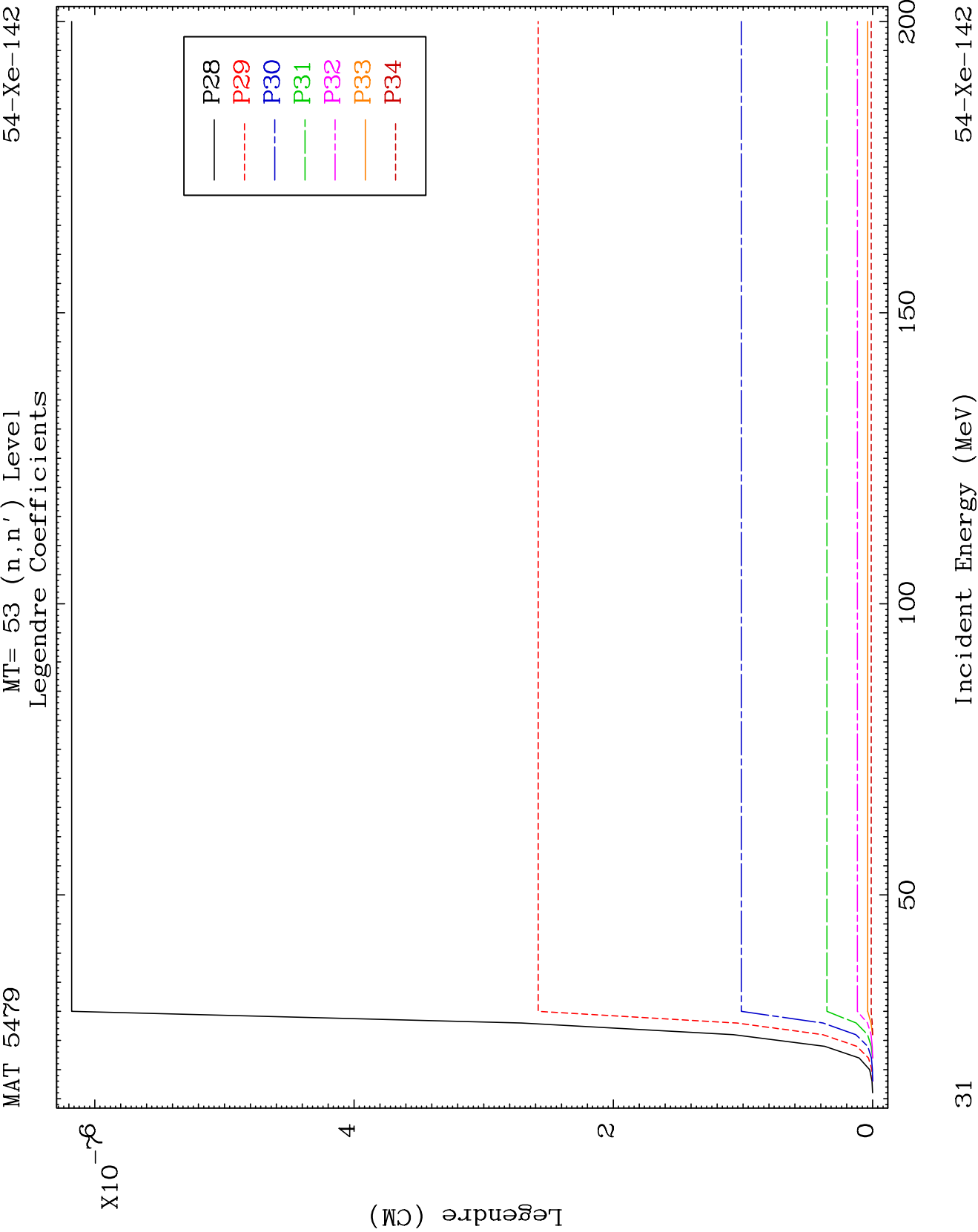


29

Incident Energy (MeV)

54-Xe-142

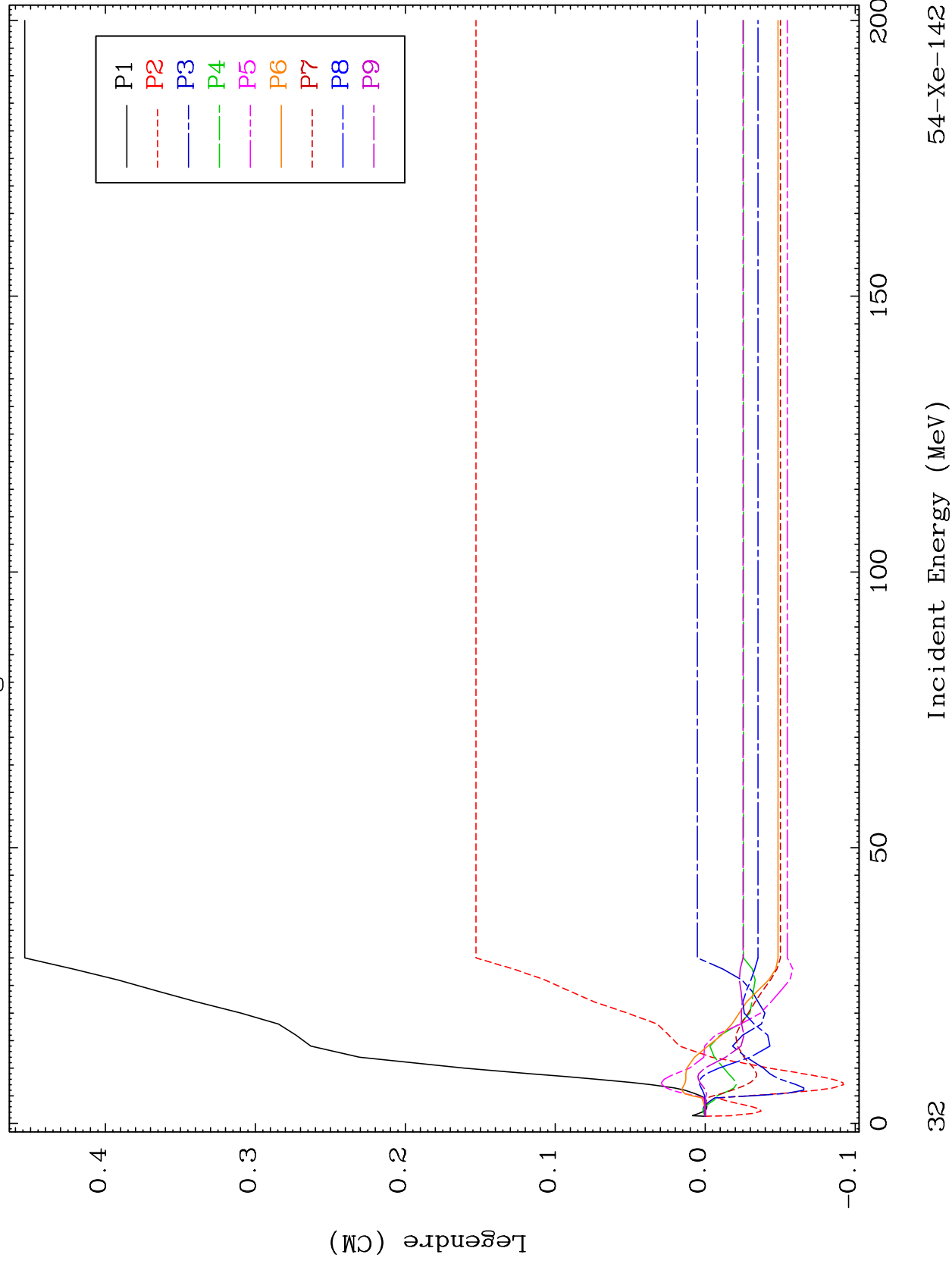




MAT 5479

MT= 54 (n, n') Level
Legendre Coefficients

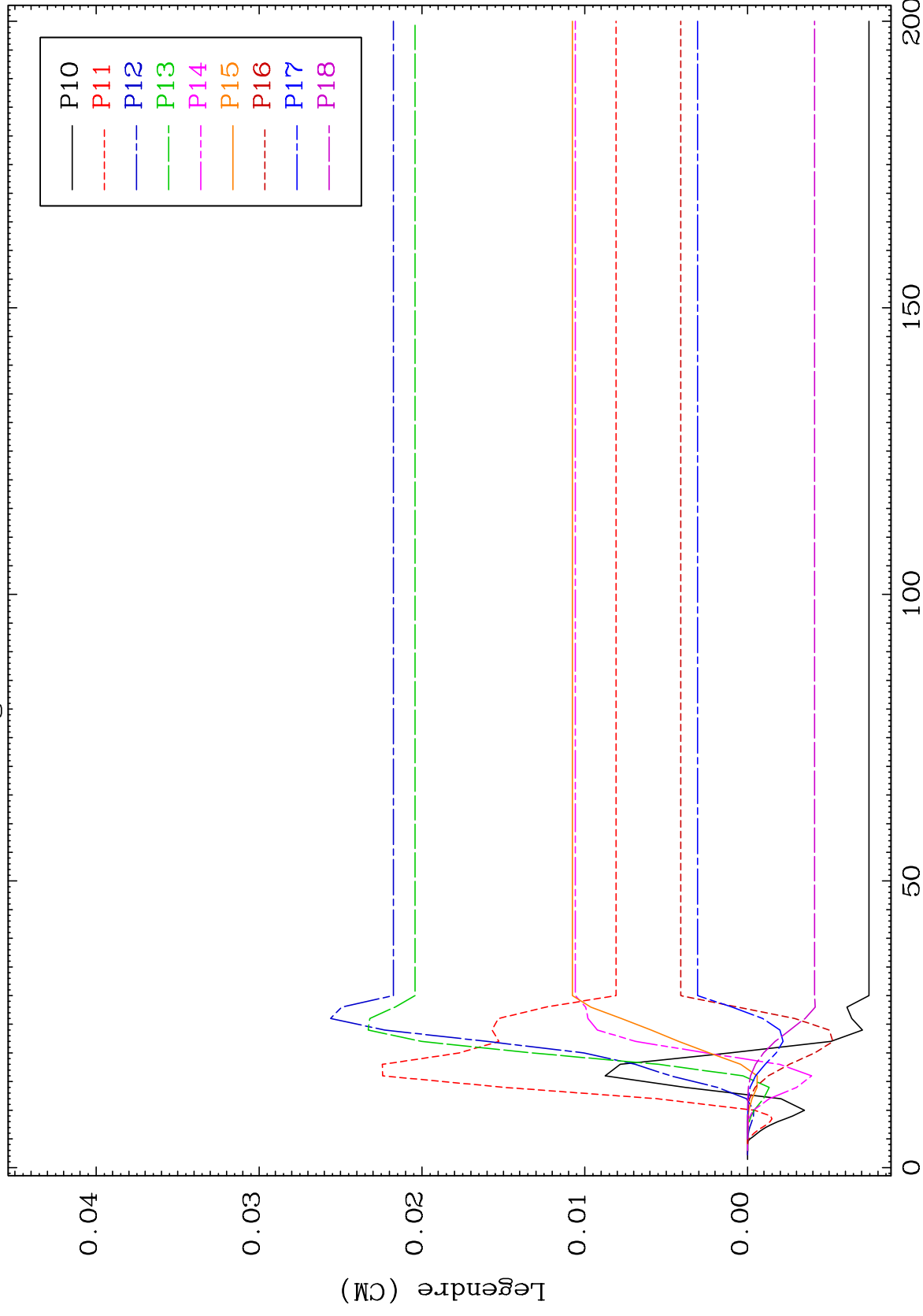
54-Xe-142



MAT 5479

MT= 54 (n, n') Level
Legendre Coefficients

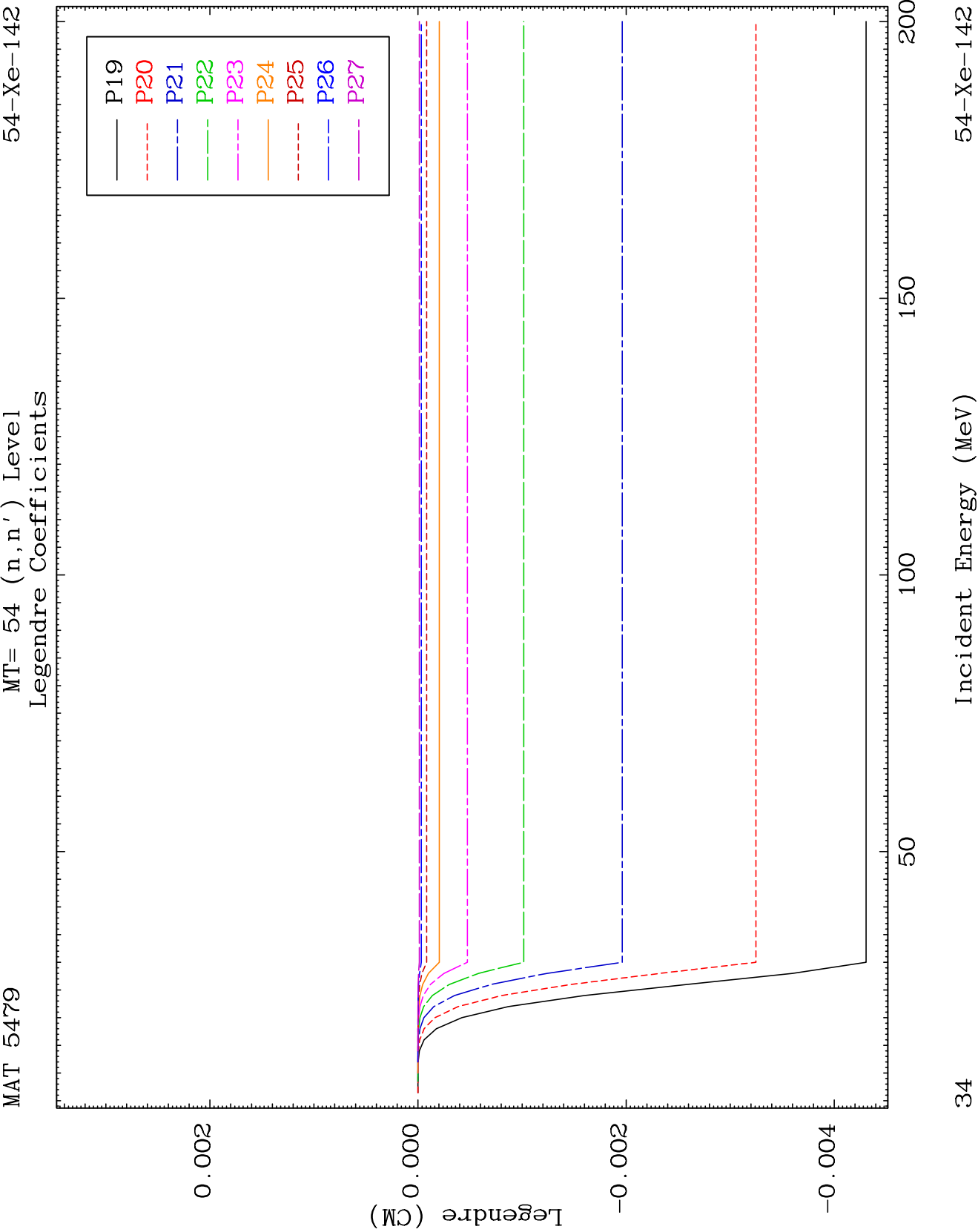
54-Xe-142



33

Incident Energy (MeV)

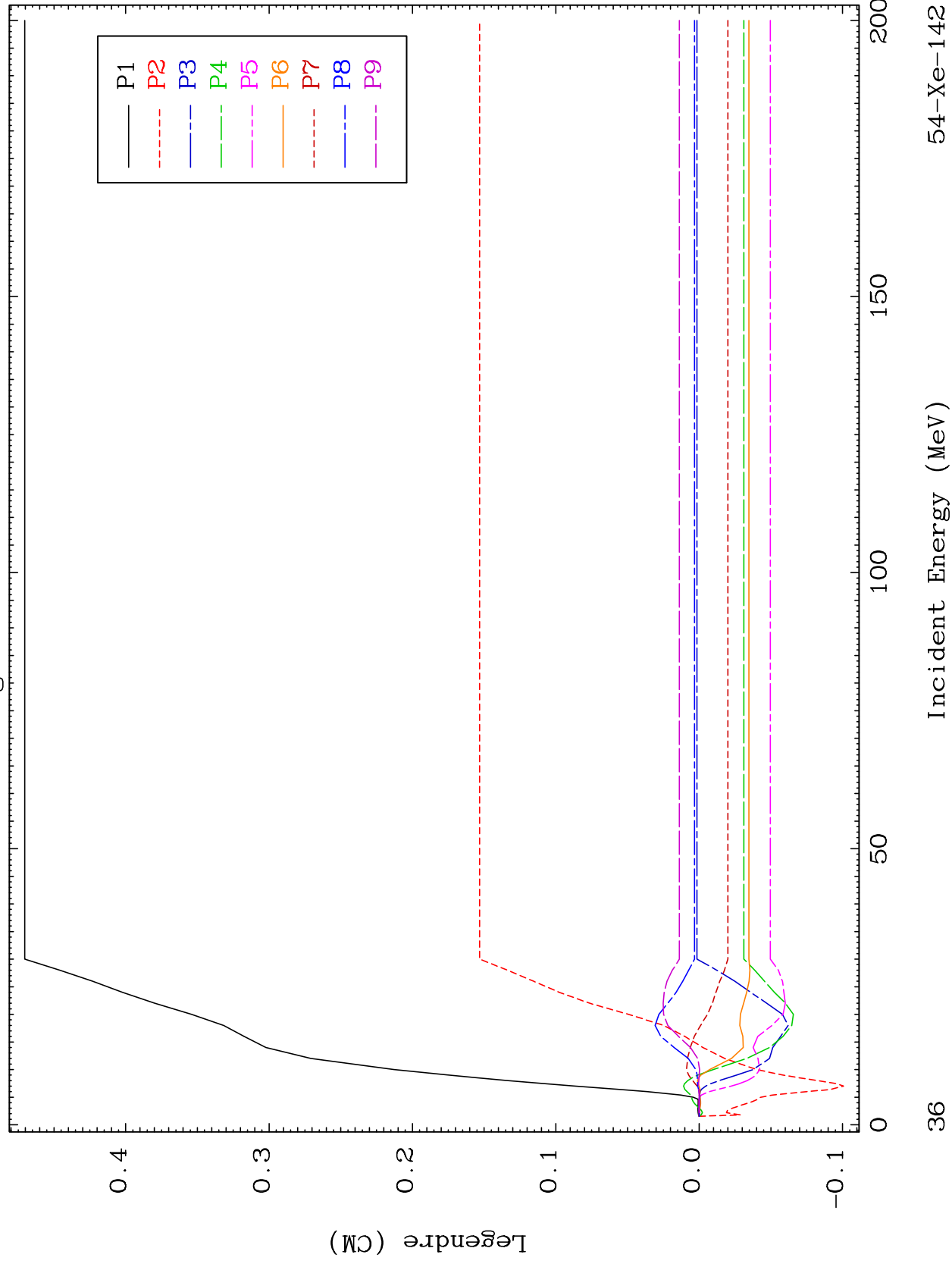
54-Xe-142

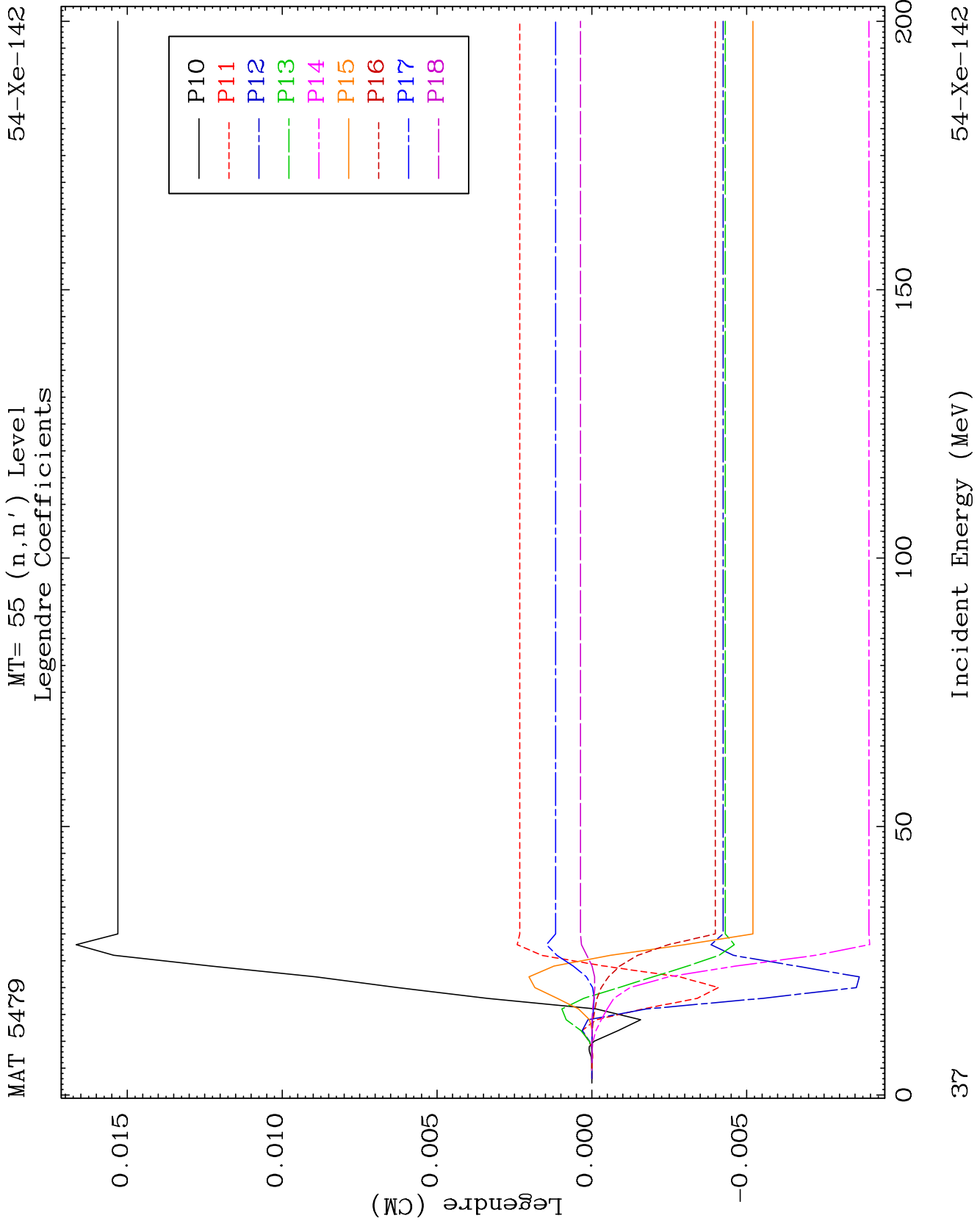


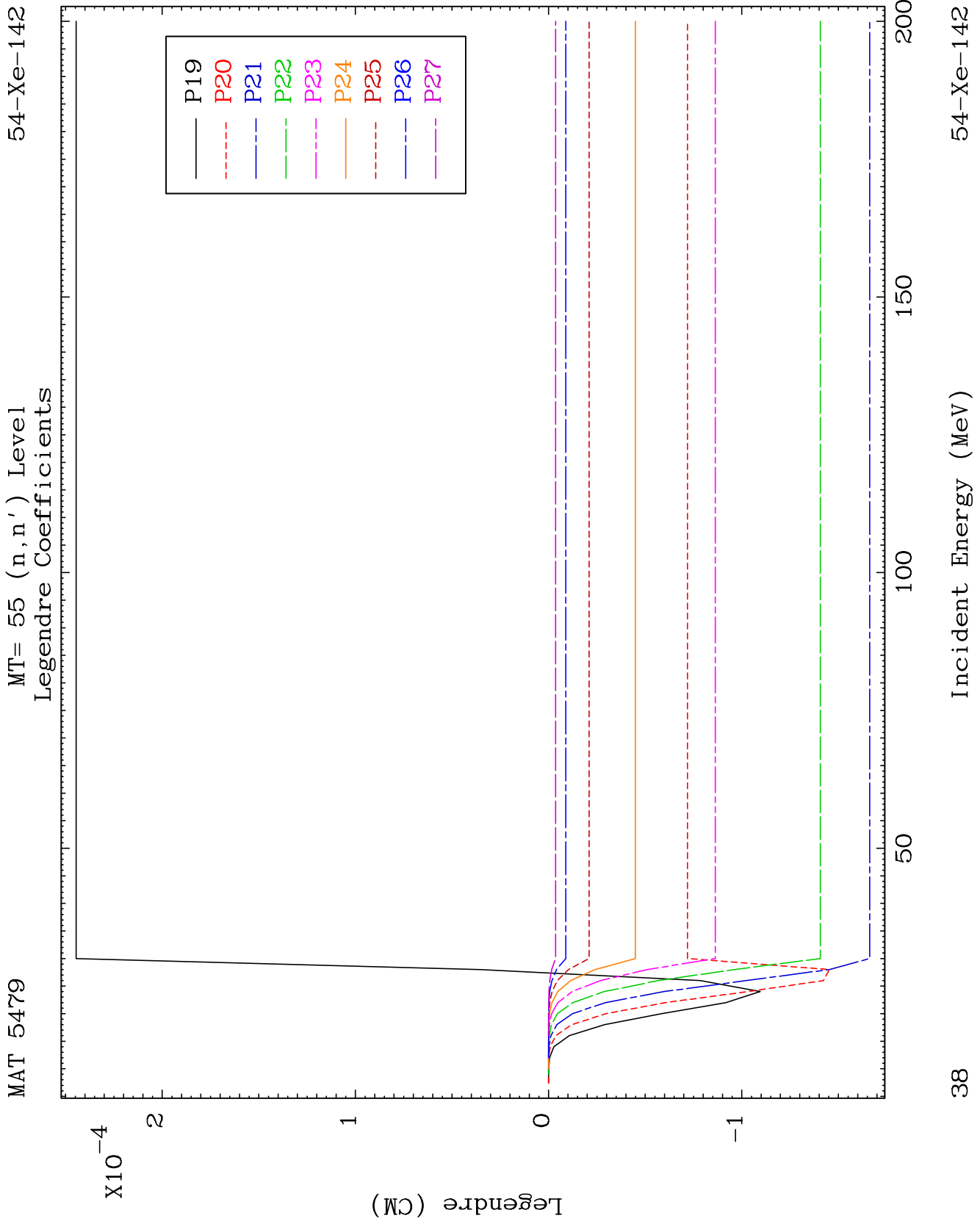
MAT 5479

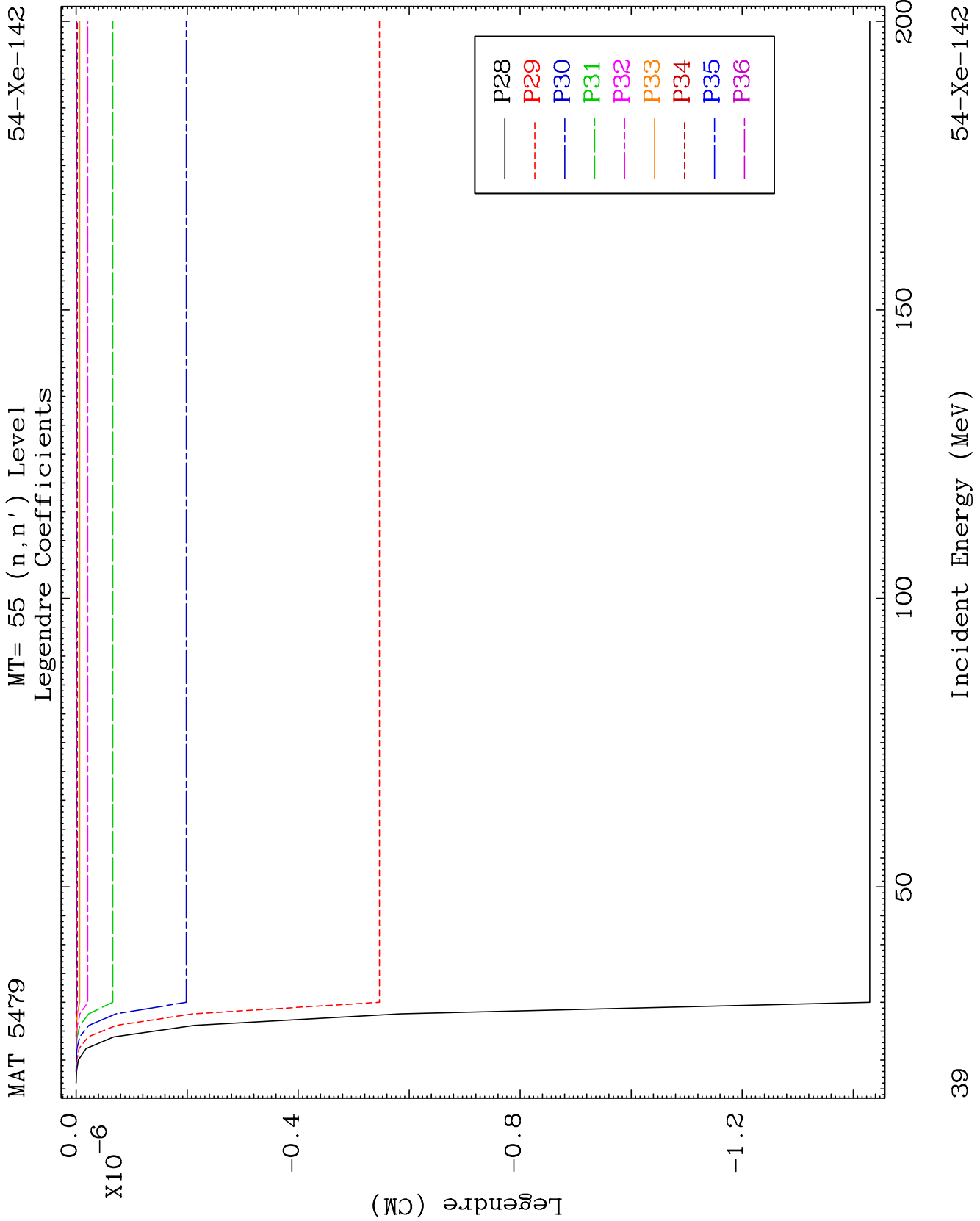
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Legendre Coefficients

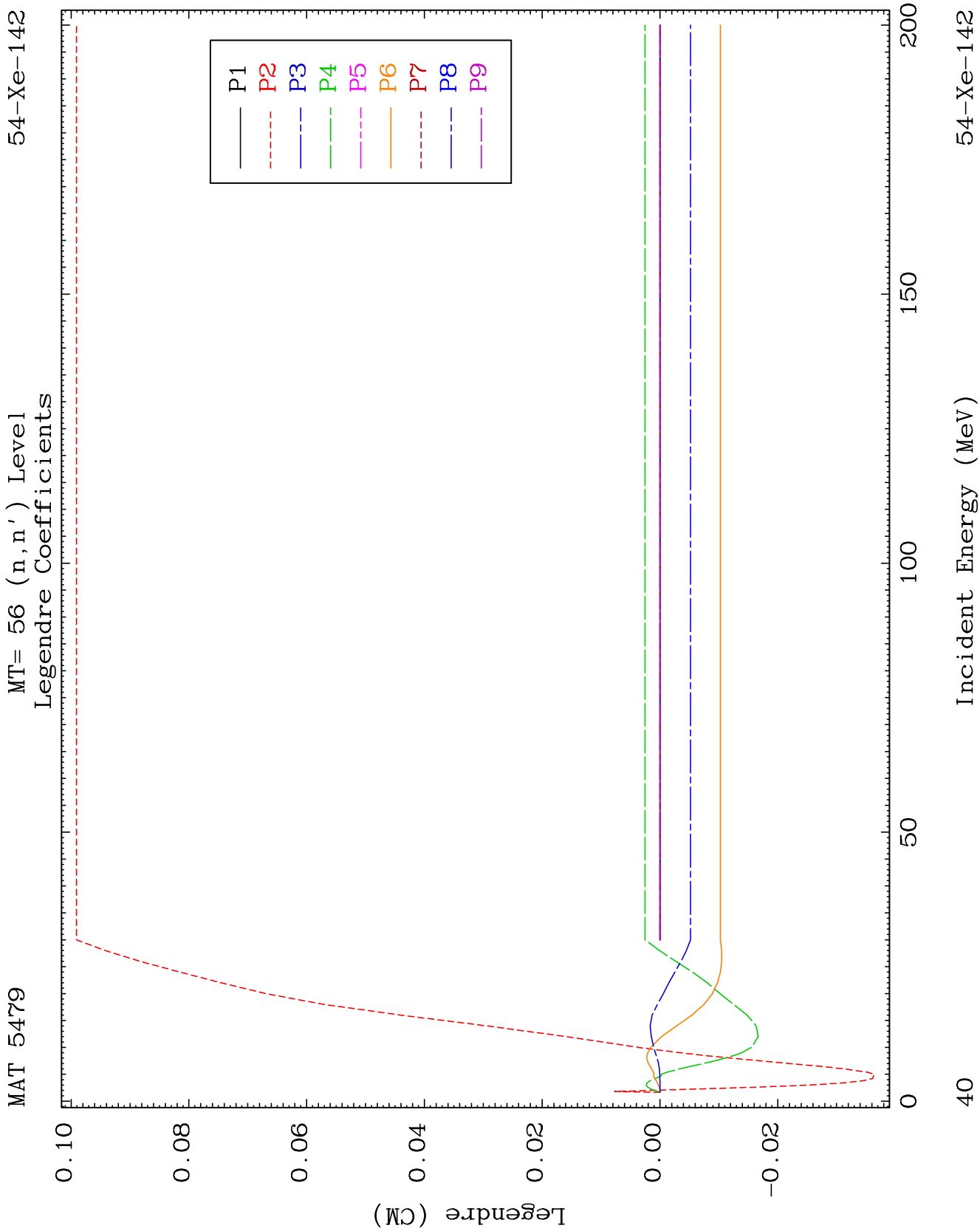
54-Xe-142

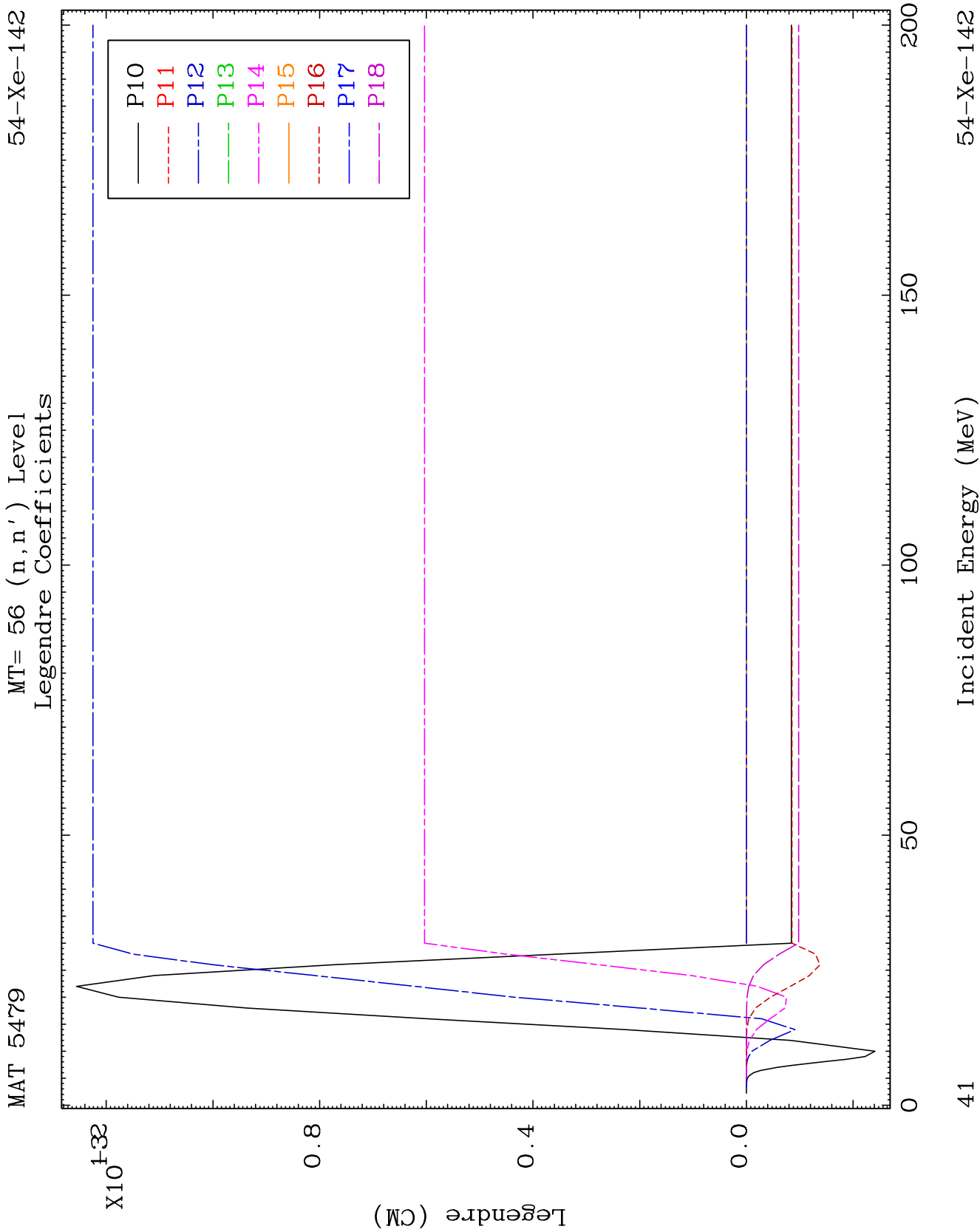


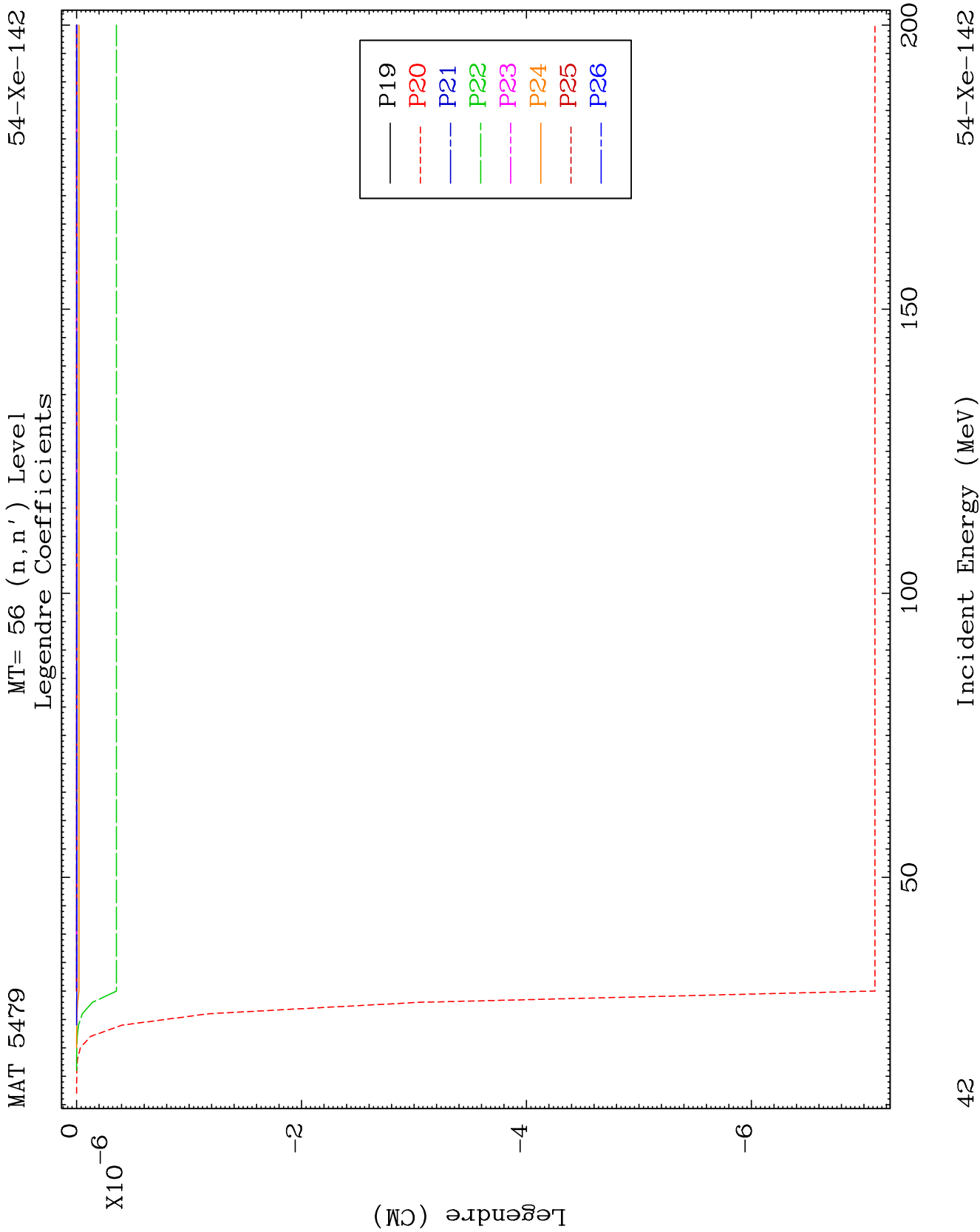


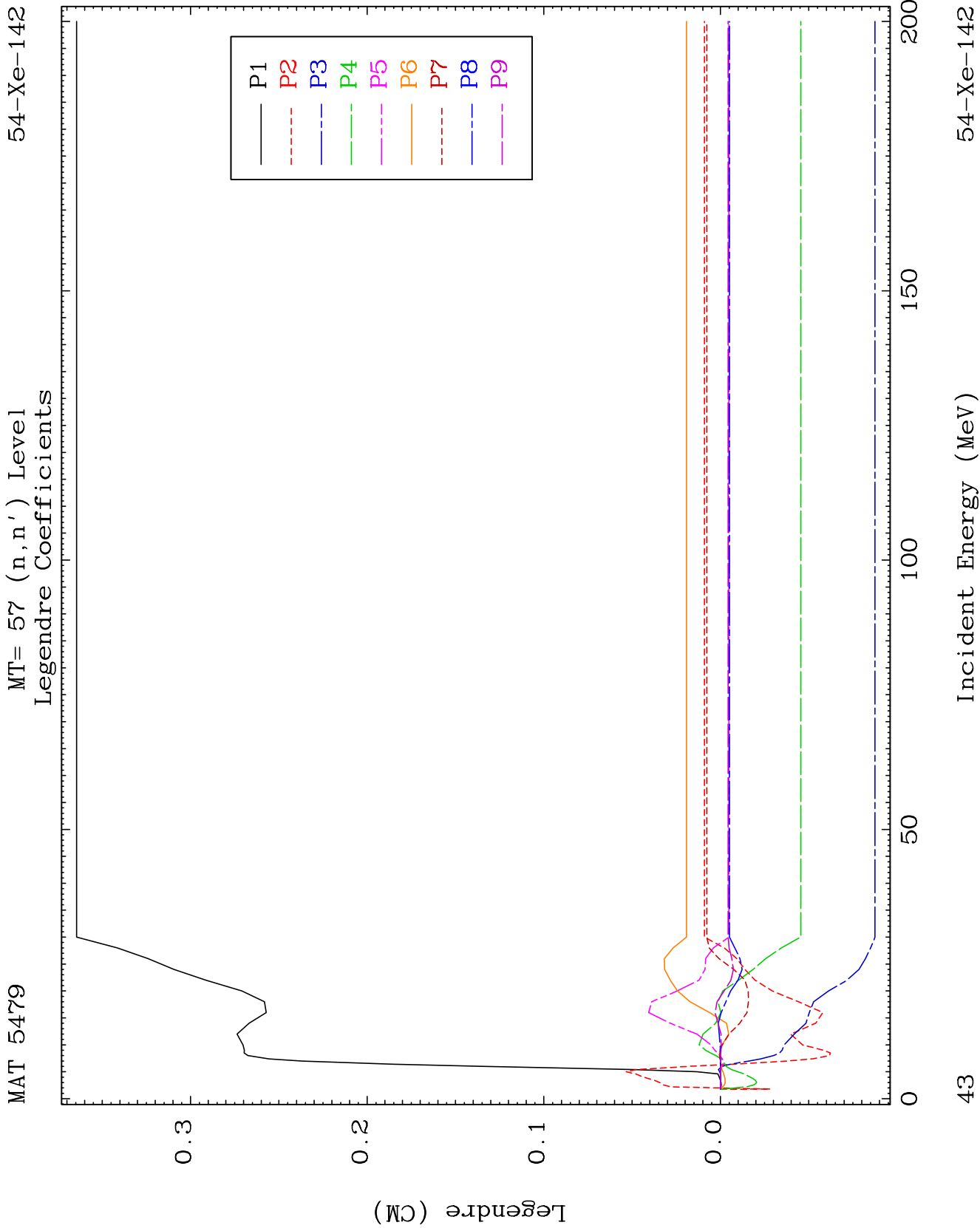


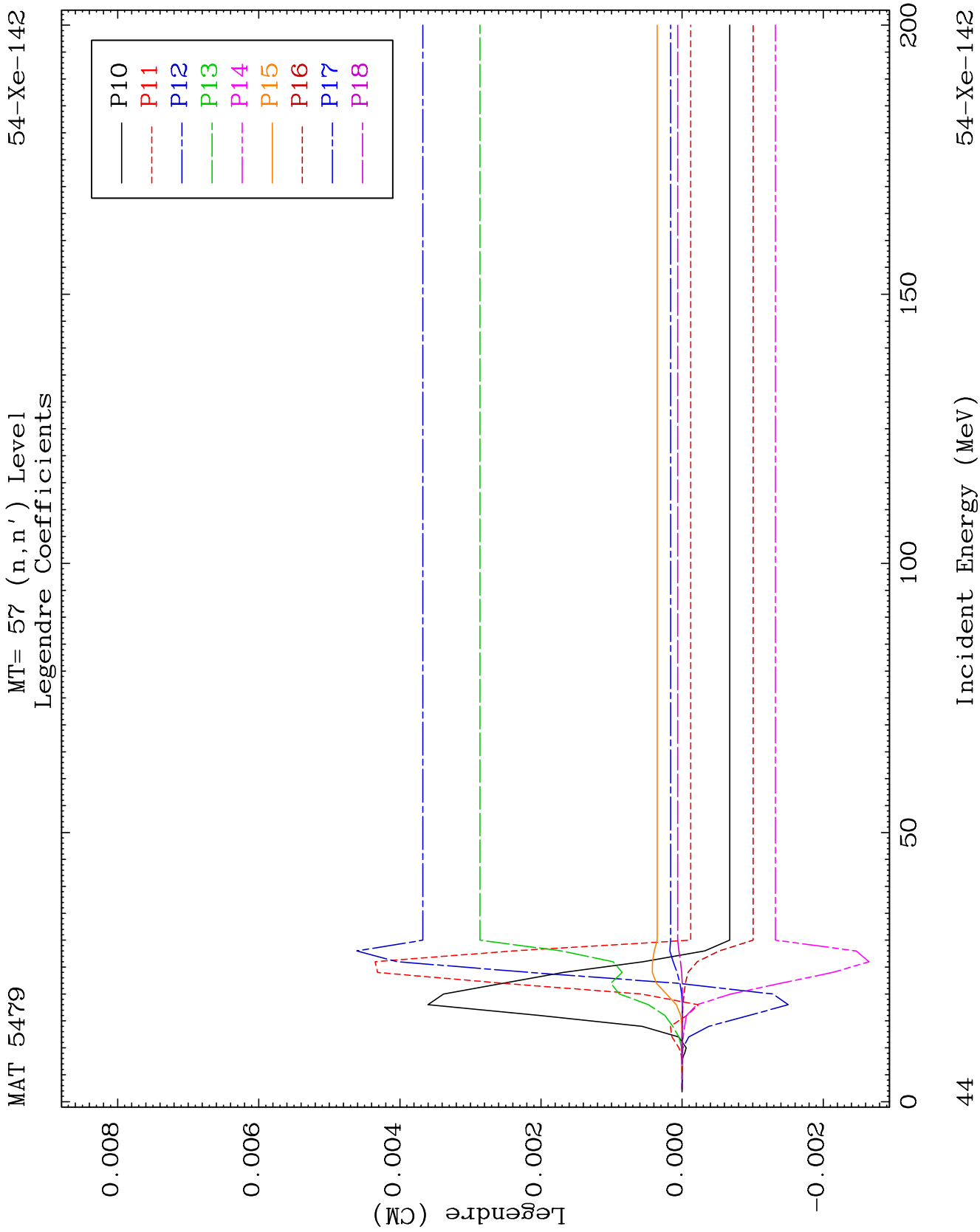


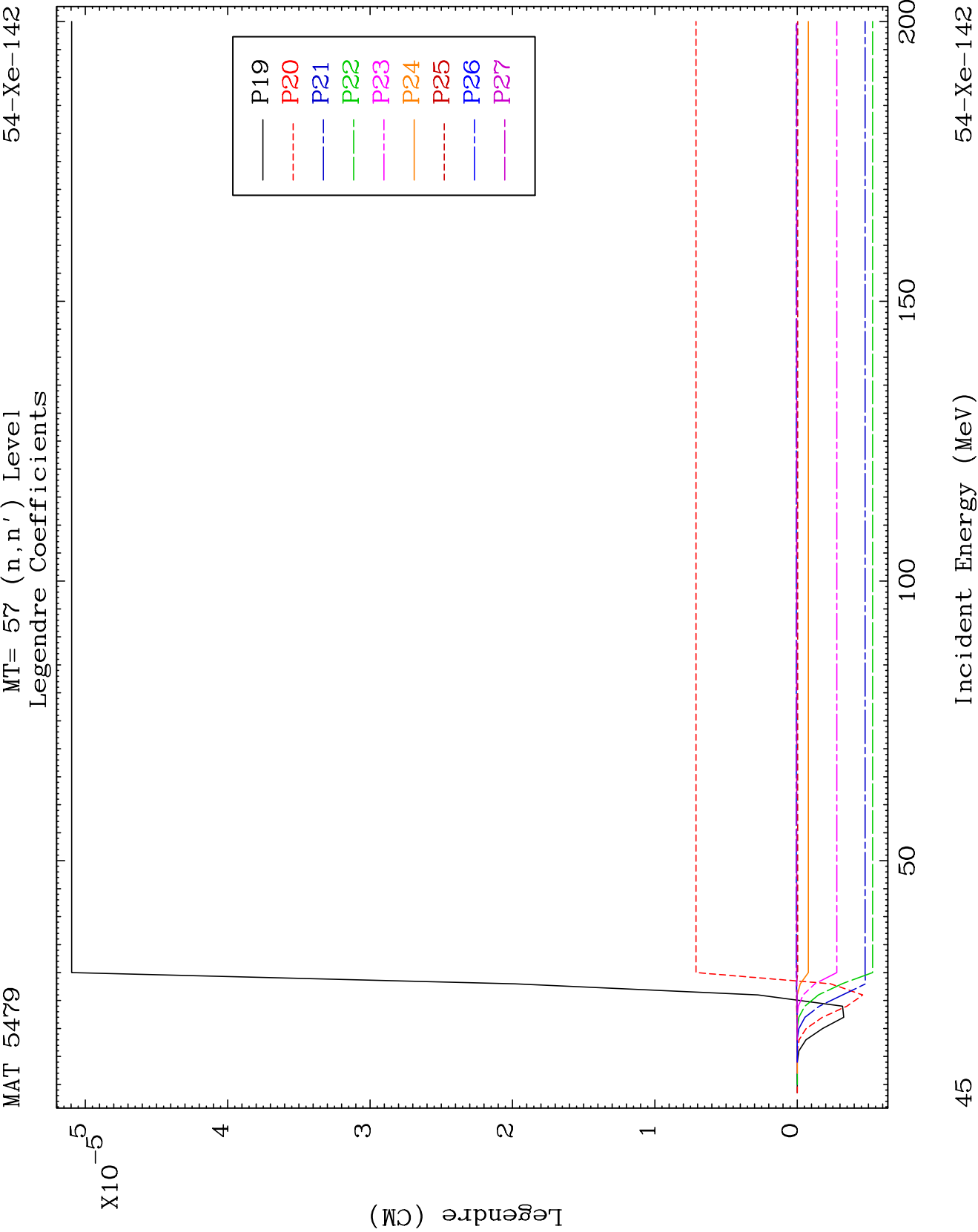








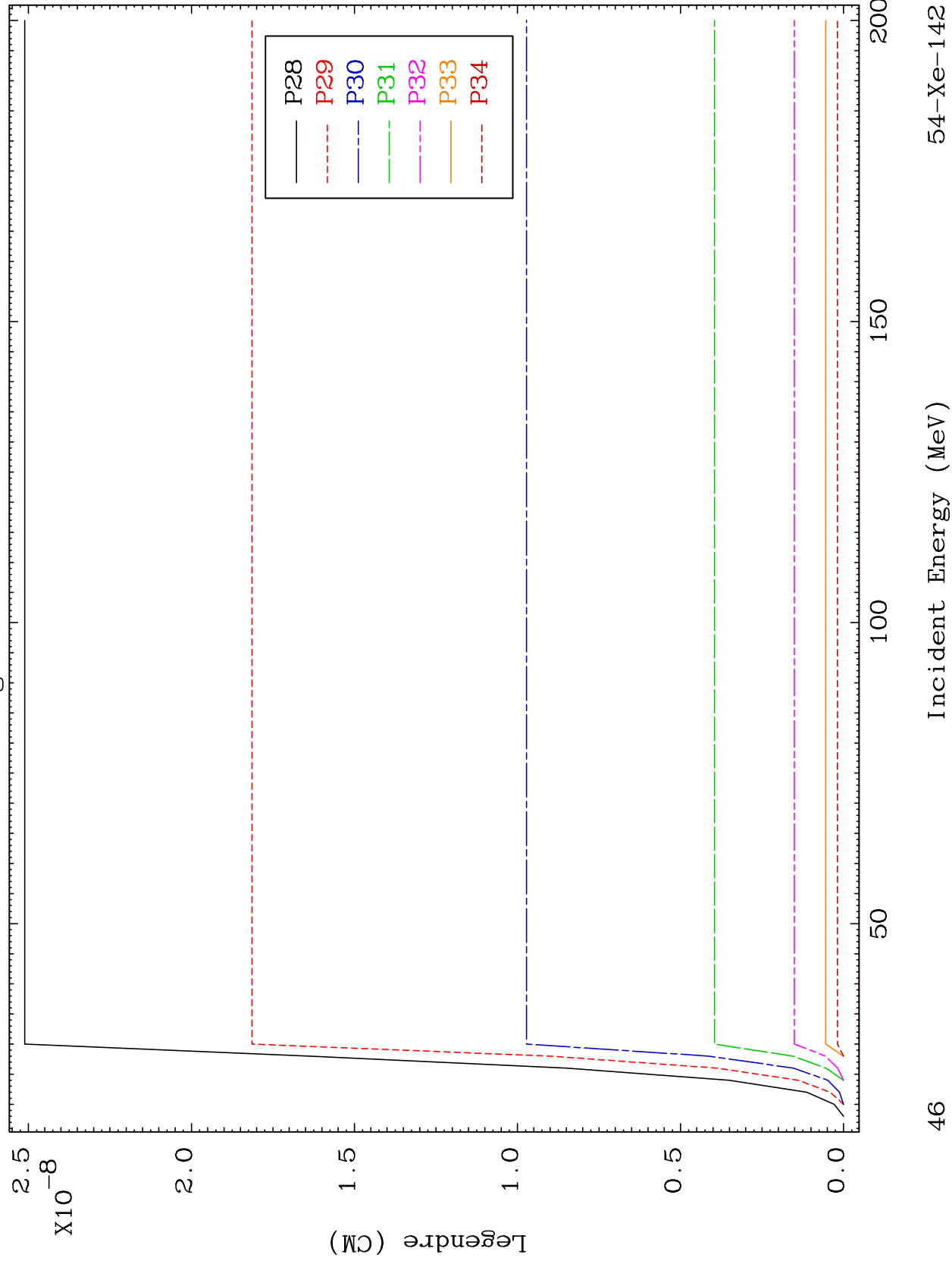


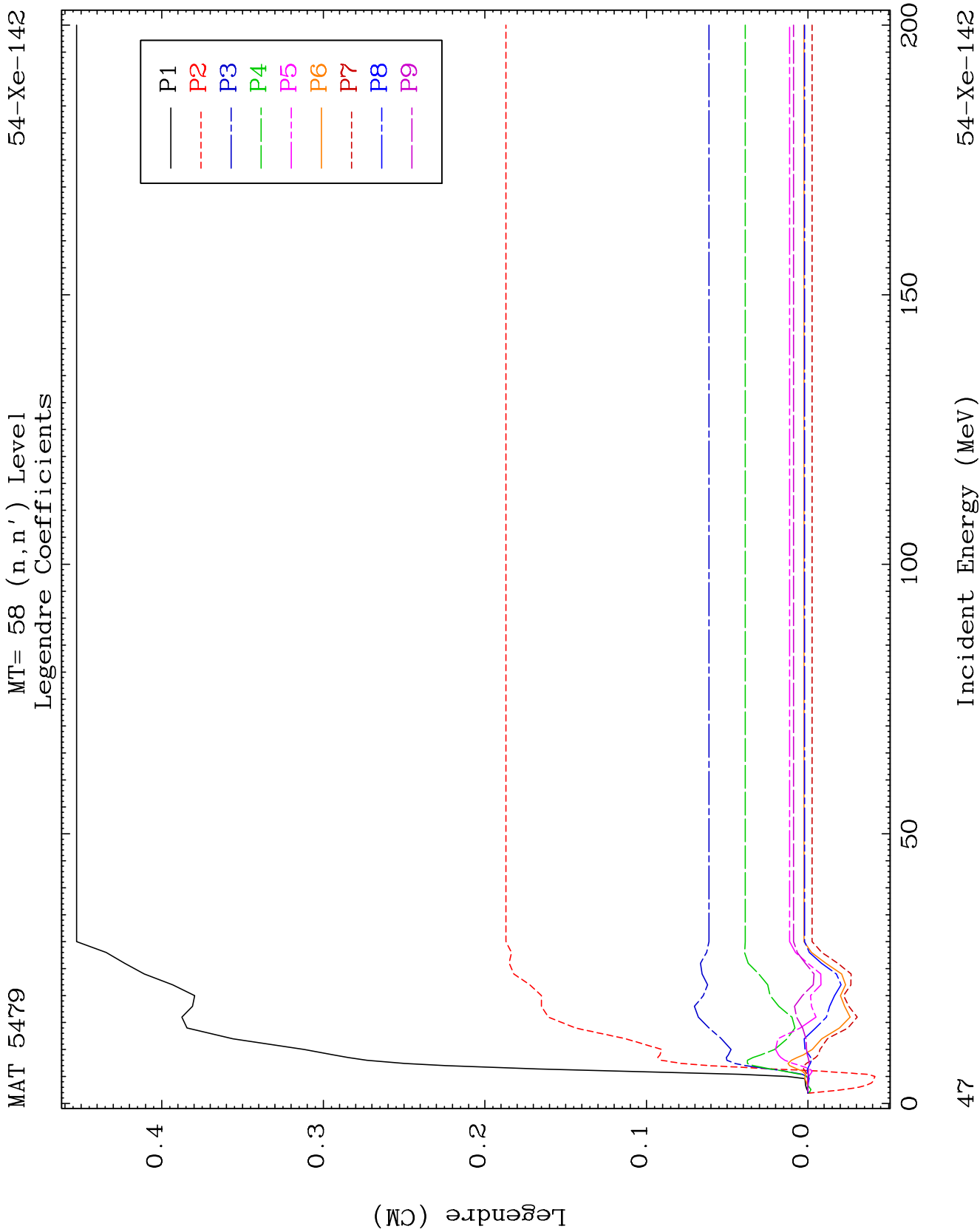


MAT 5479

MT= 57 (n, n') Level
Legendre Coefficients

54-Xe-142

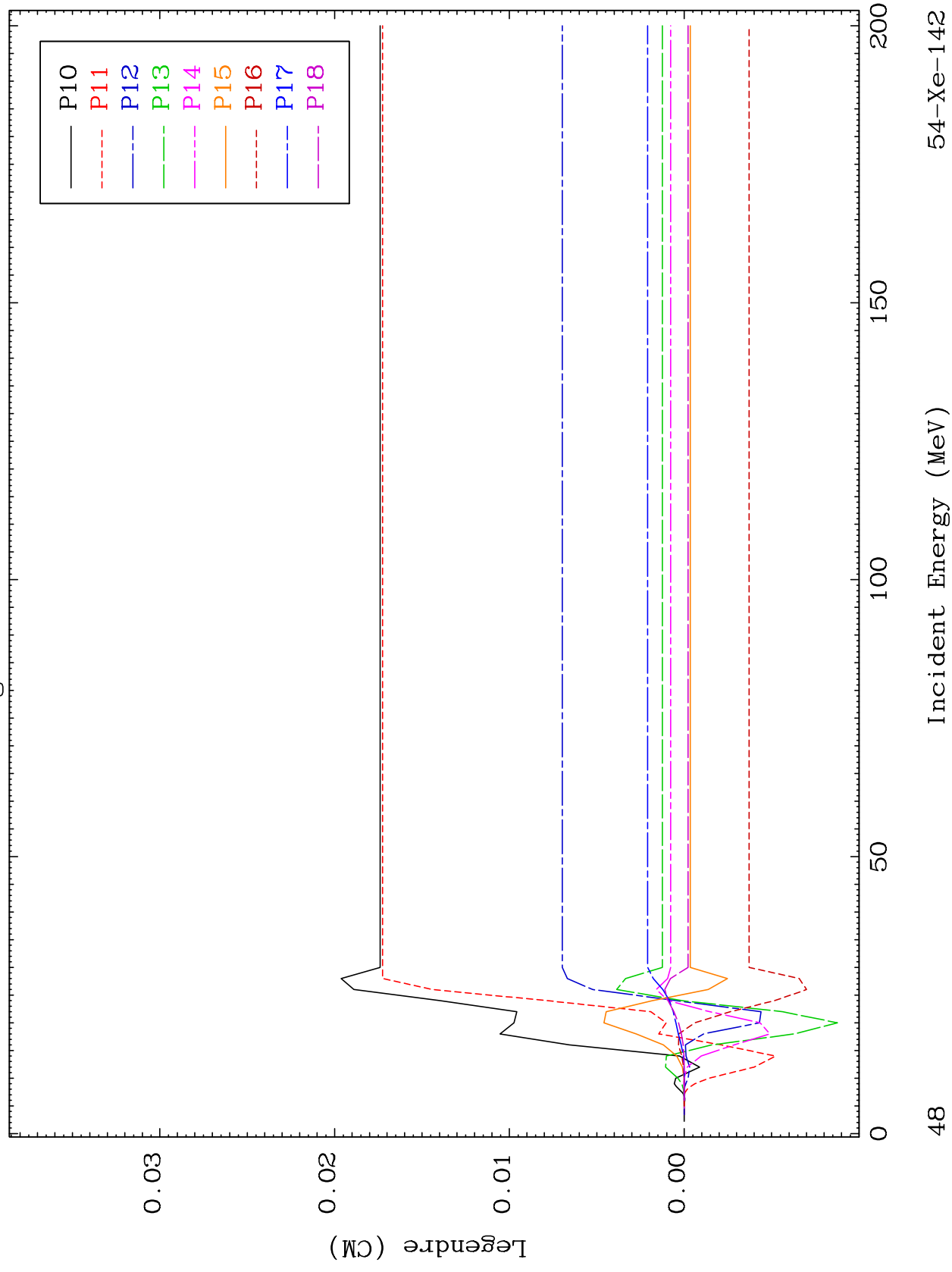




MAT 5479

MT= 58 (n, n') Level
Legendre Coefficients

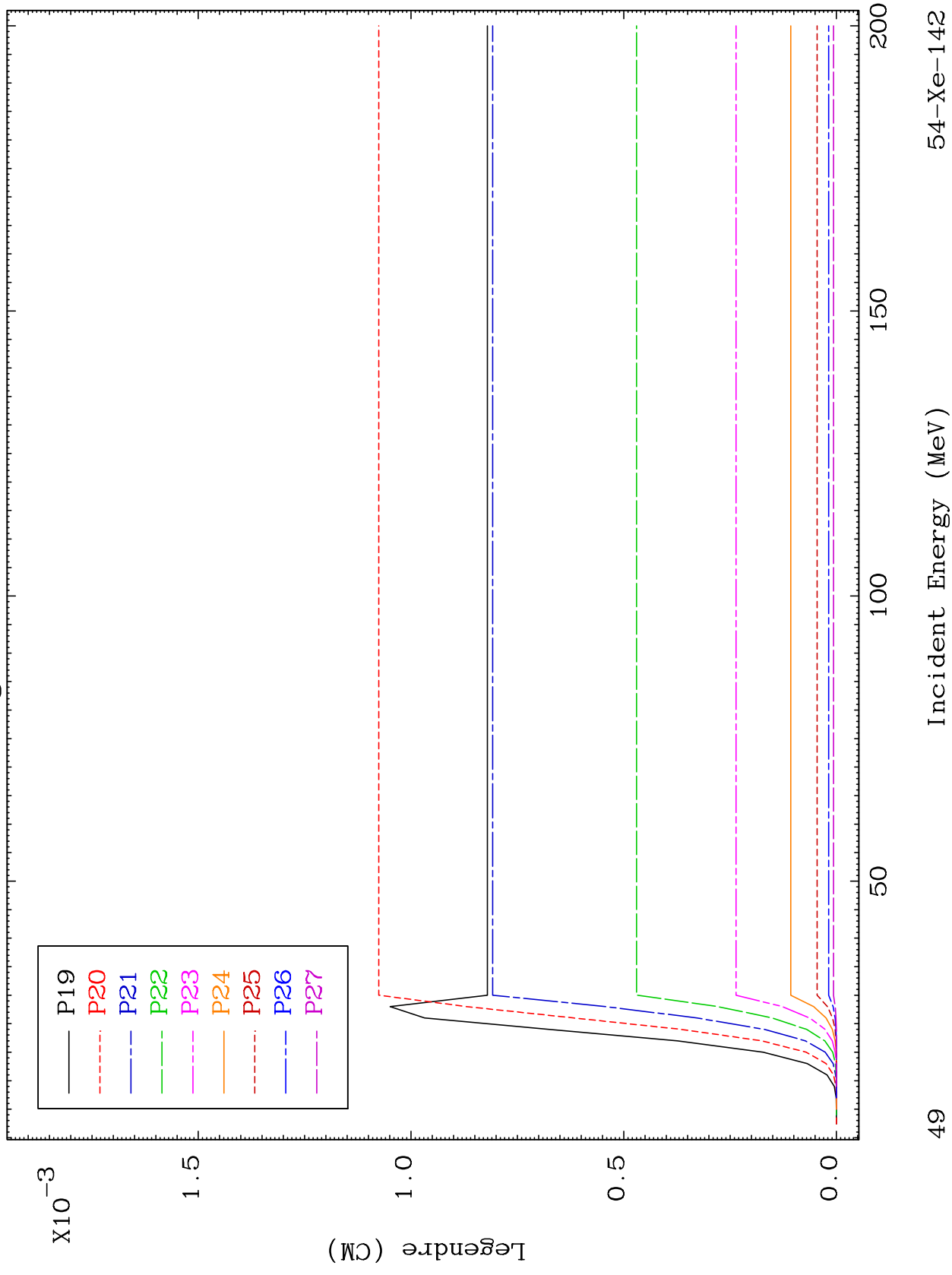
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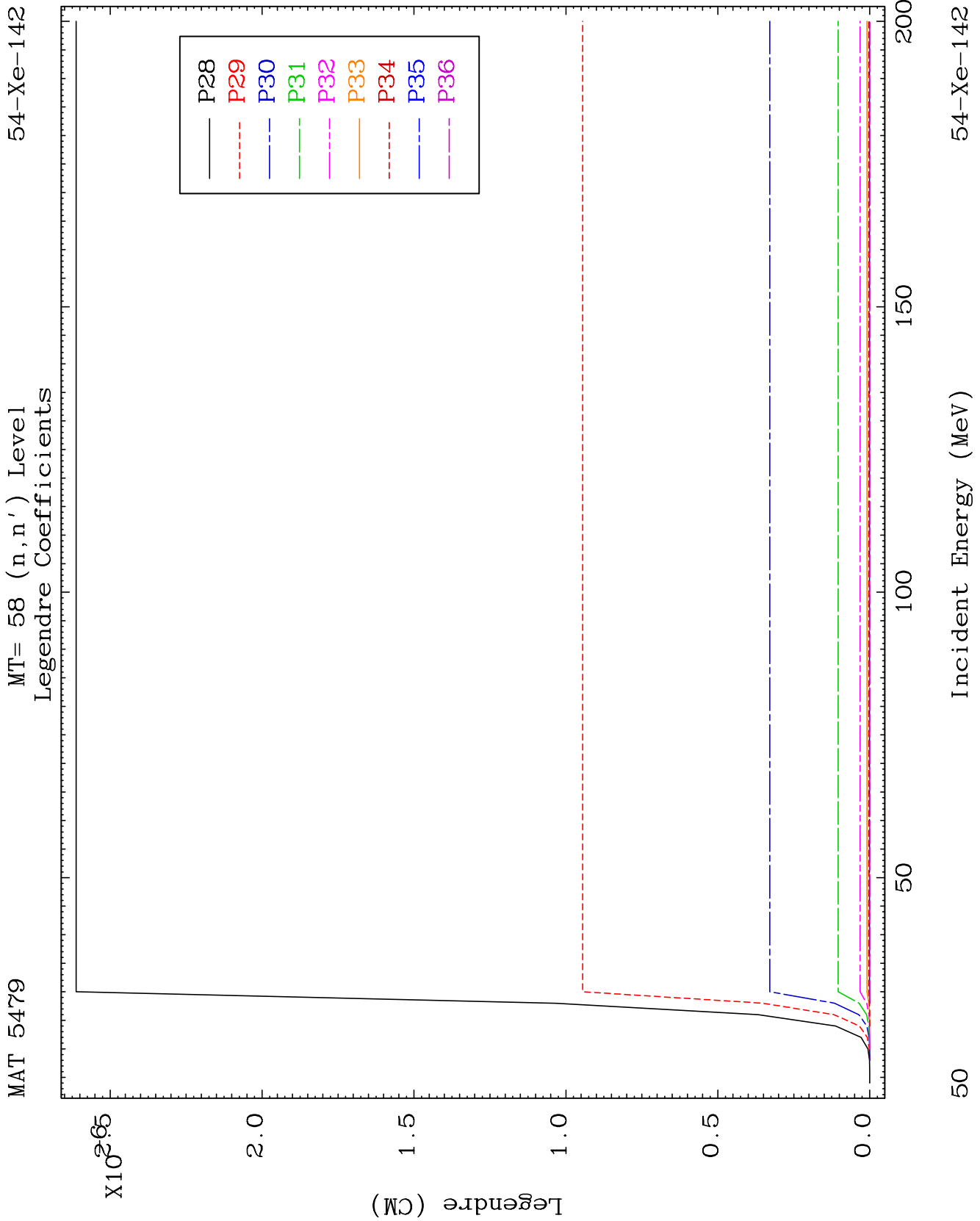


MAT 5479

MT= 58 (n, n') Level
Legendre Coefficients

54-Xe-142

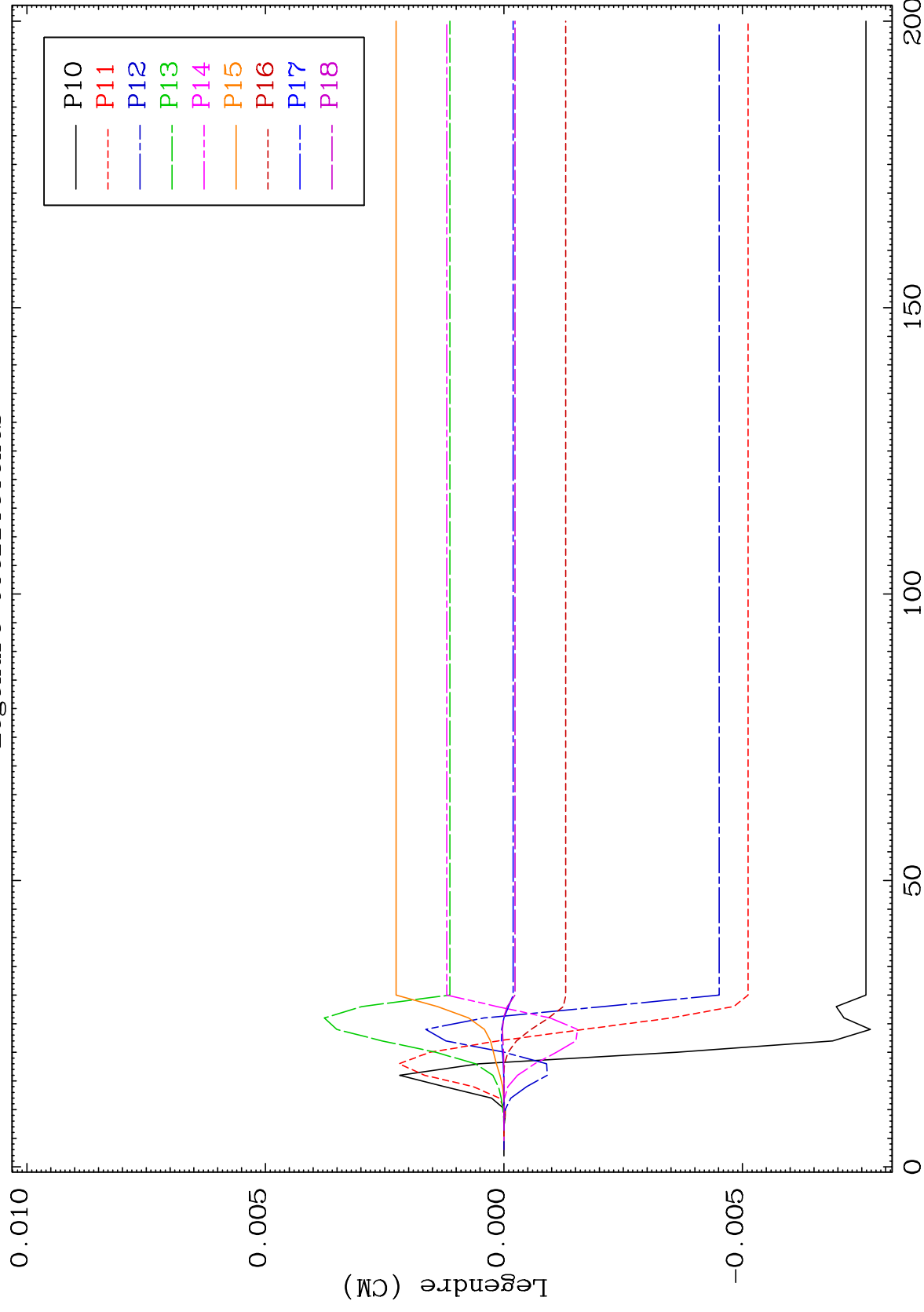




MAT 5479

MT= 59 (n, n') Level
Legendre Coefficients

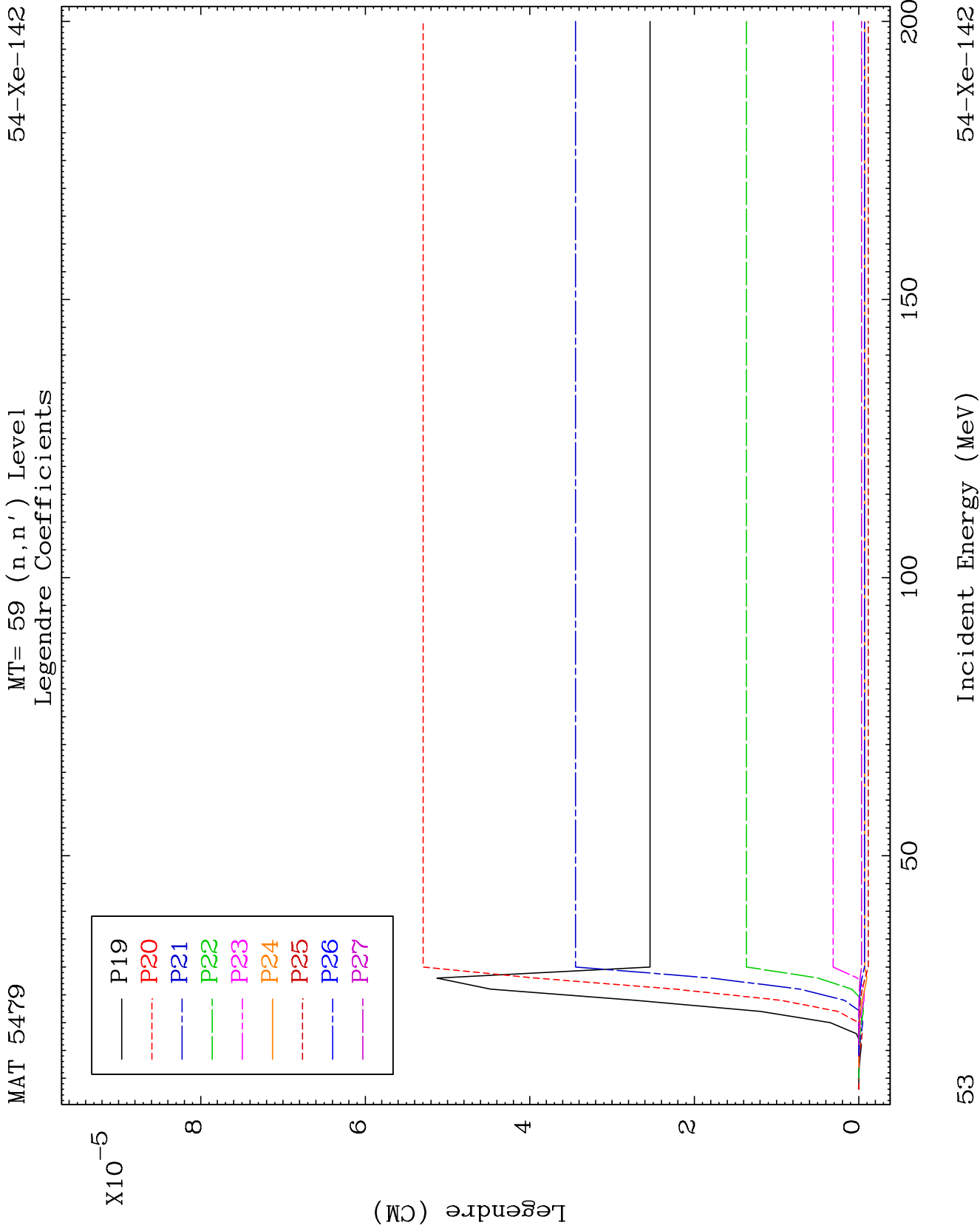
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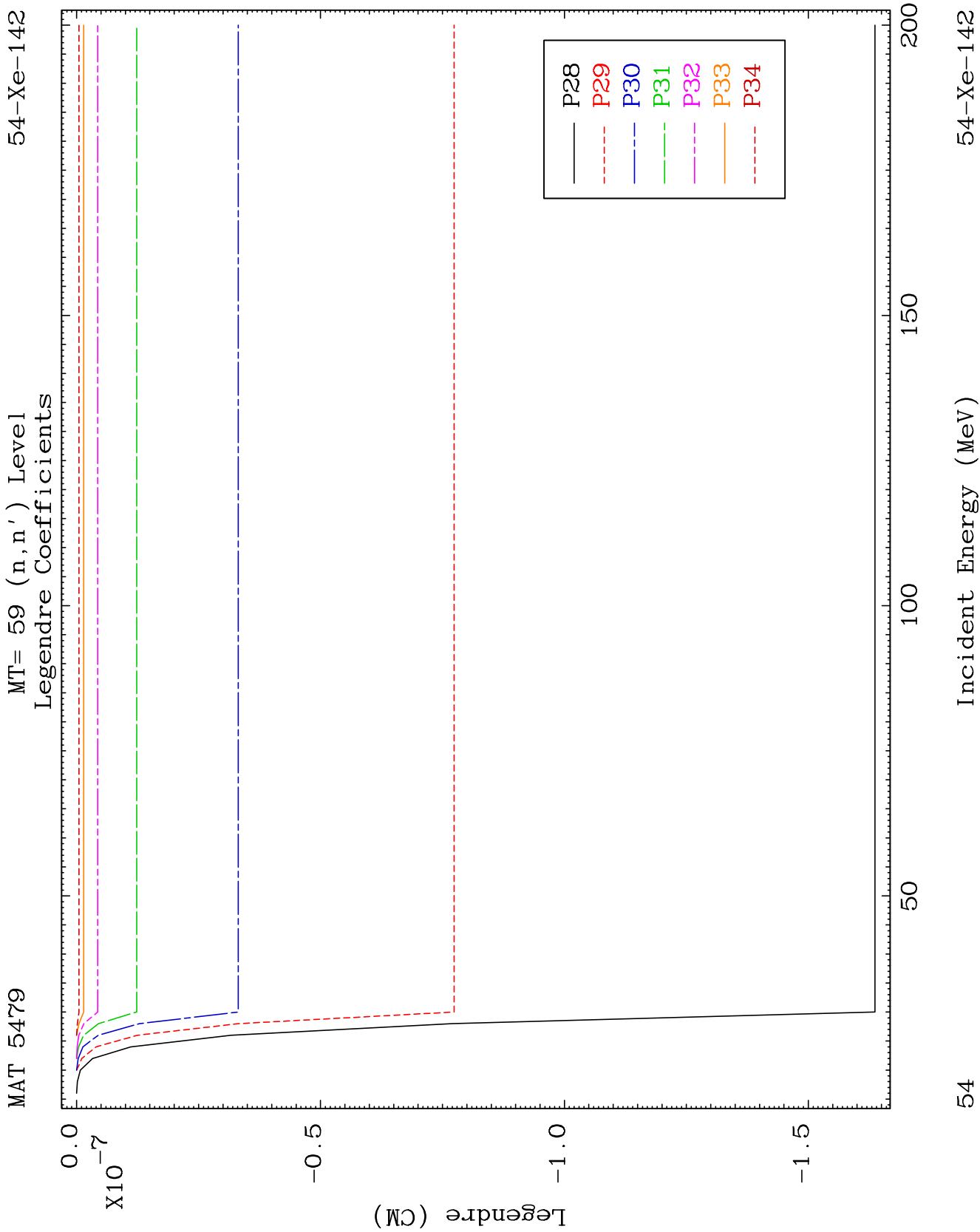


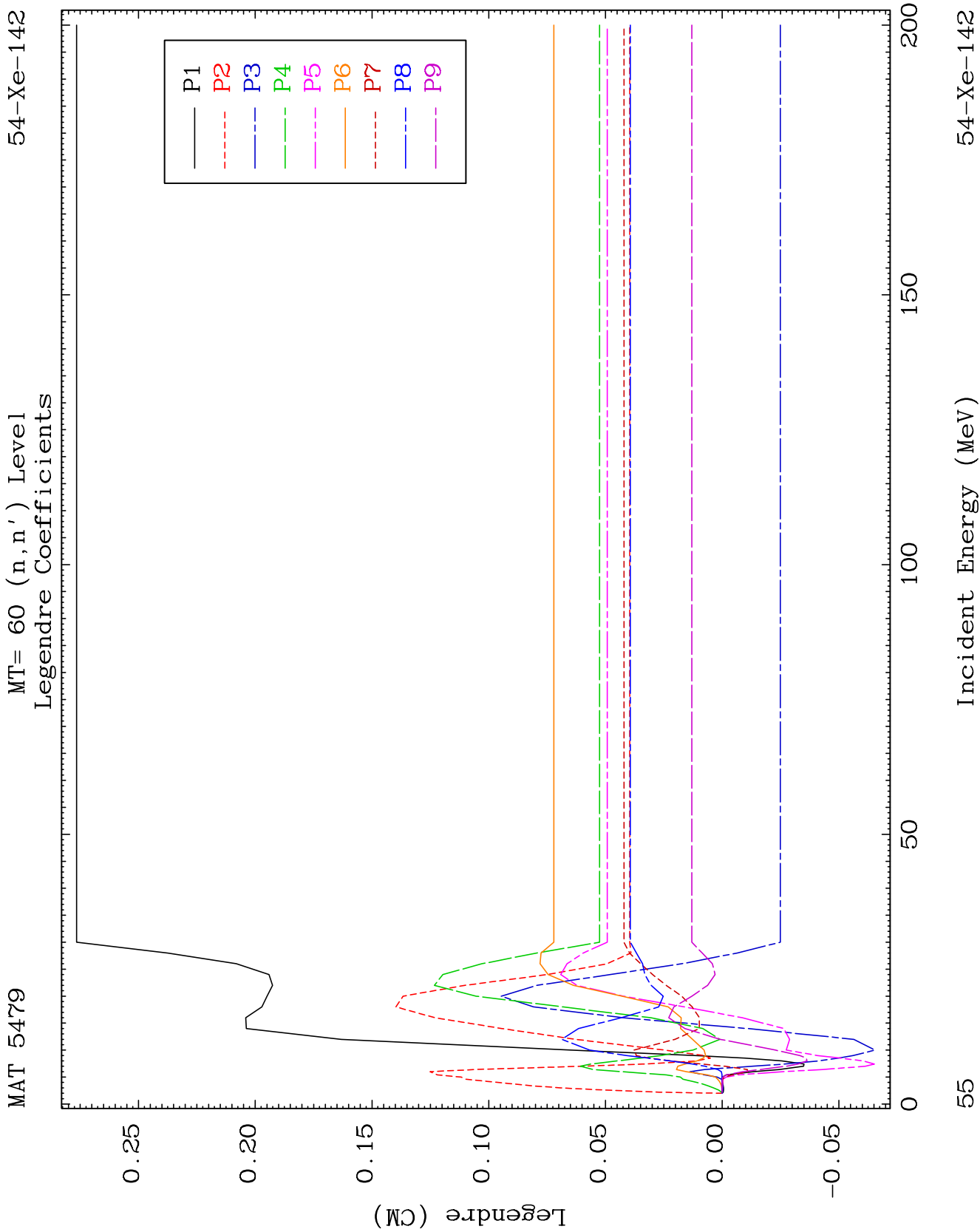
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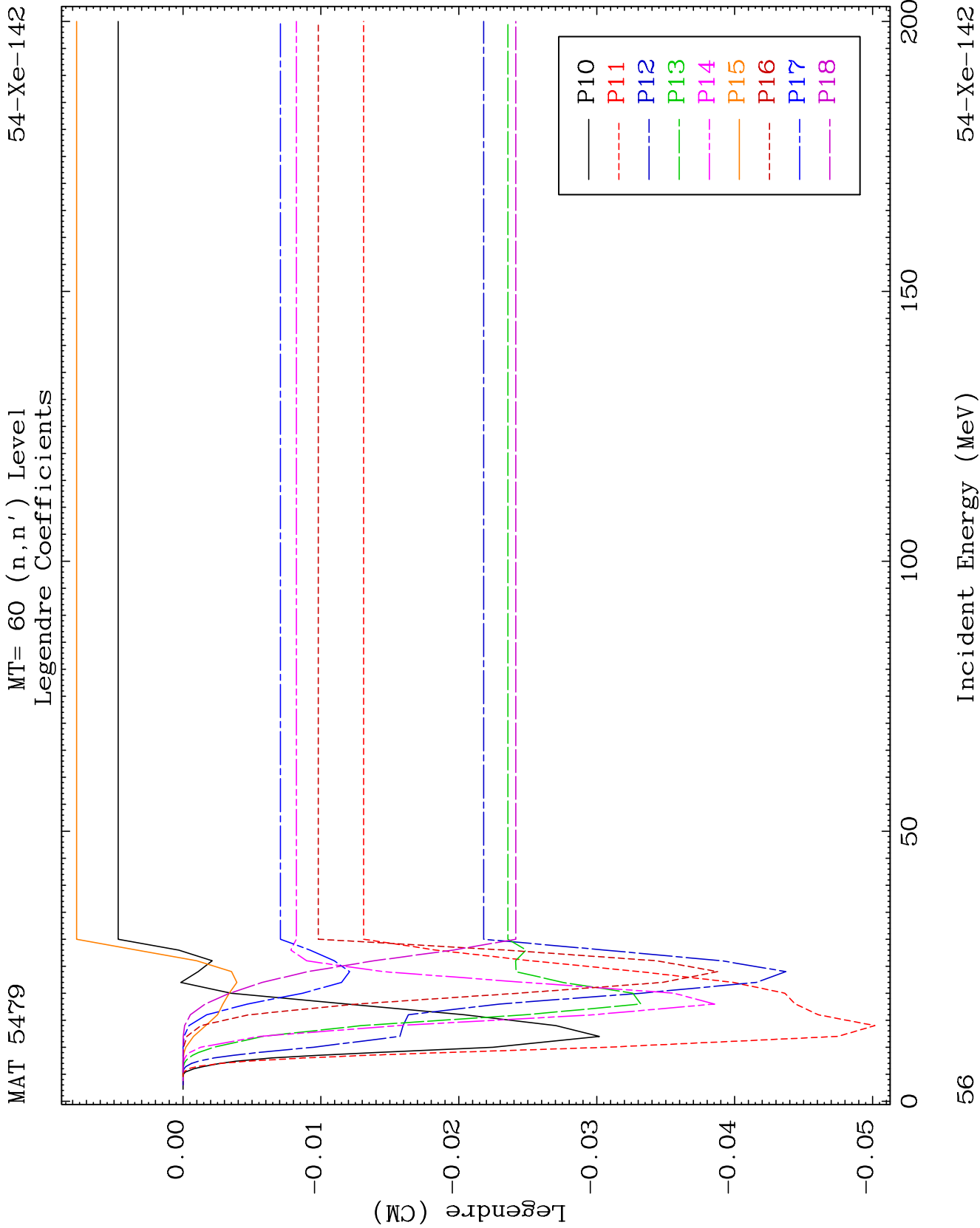
Incident Energy (MeV)

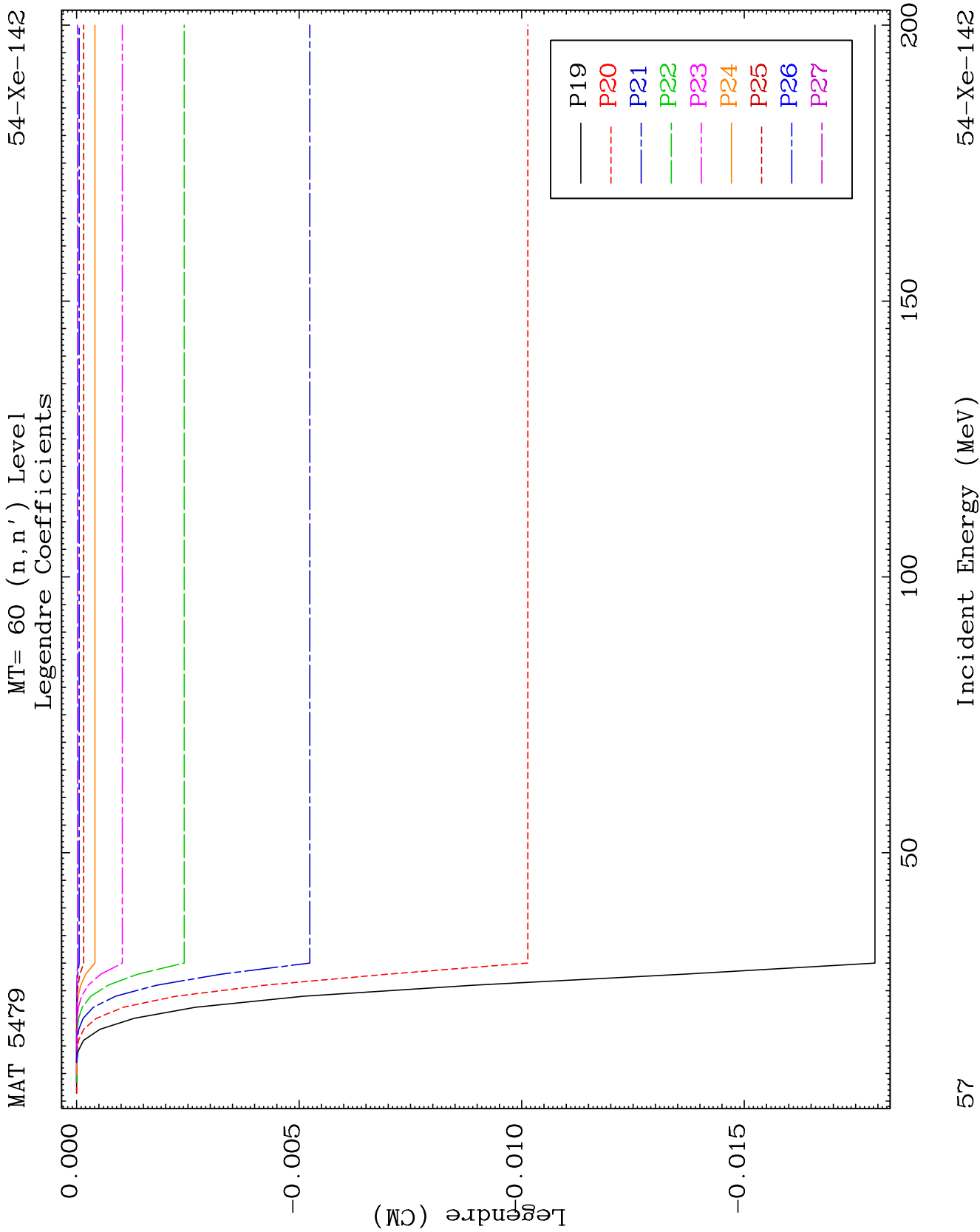
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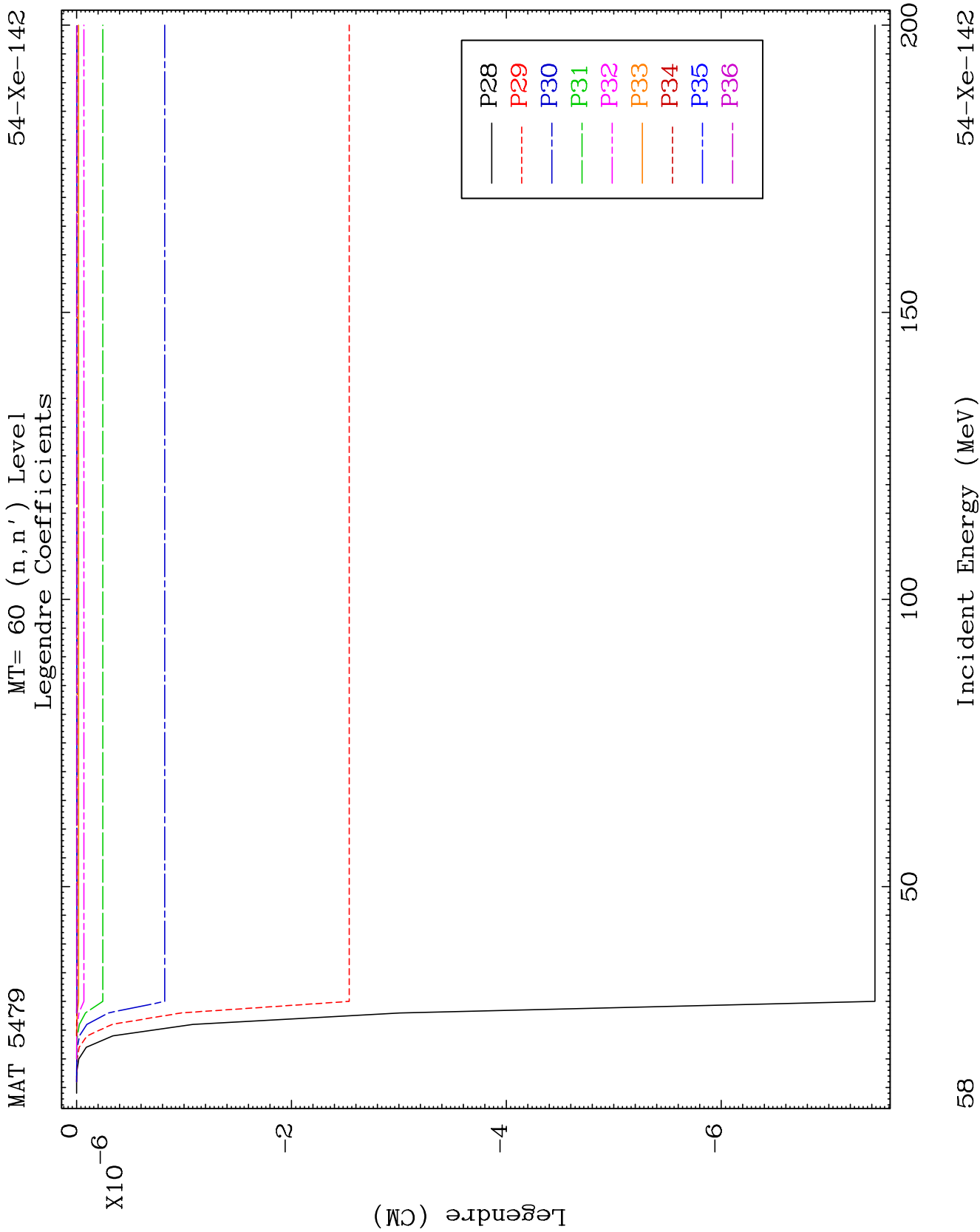








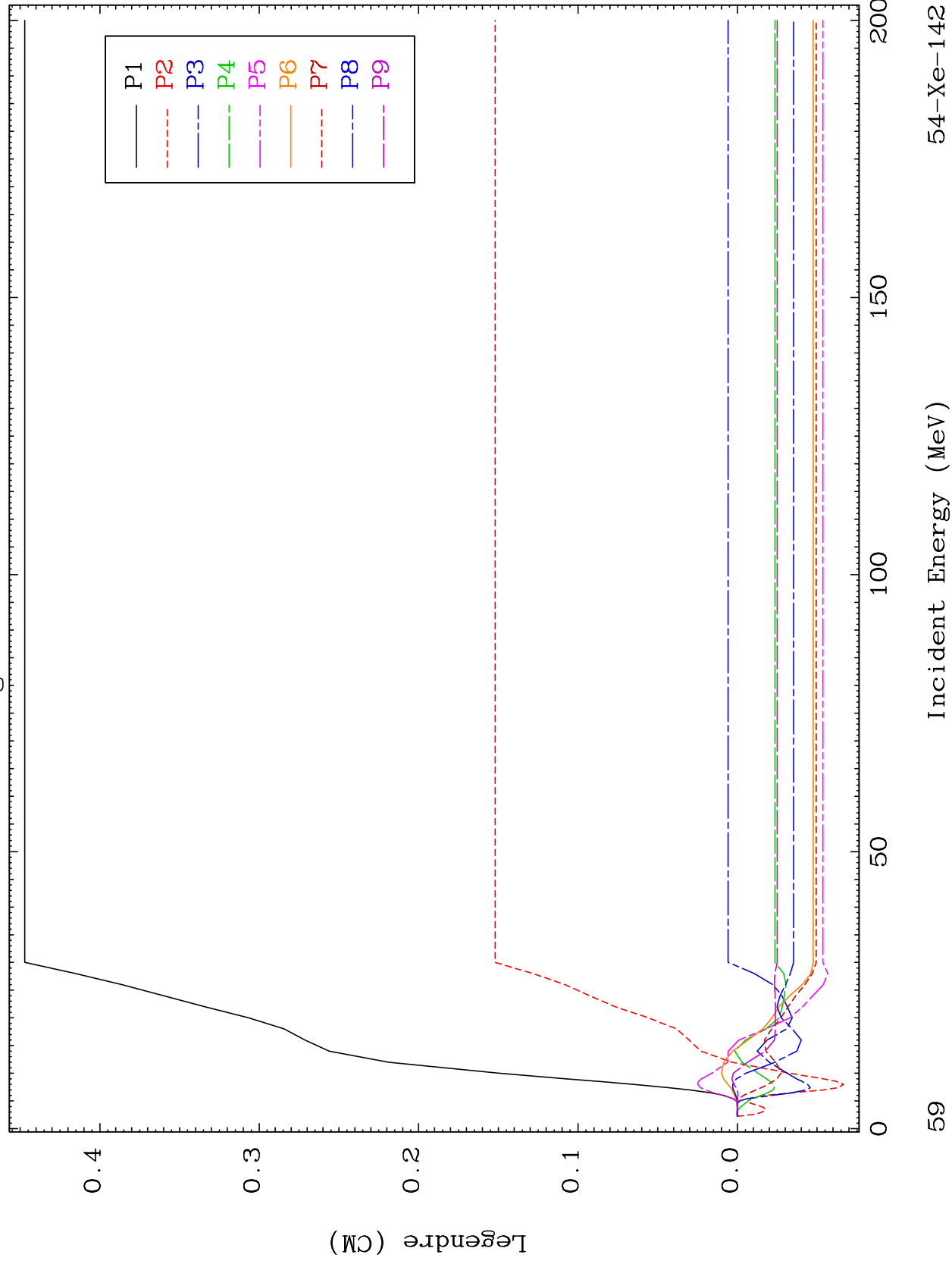




MAT 5479

MT= 61 (n, n') Level
Legendre Coefficients

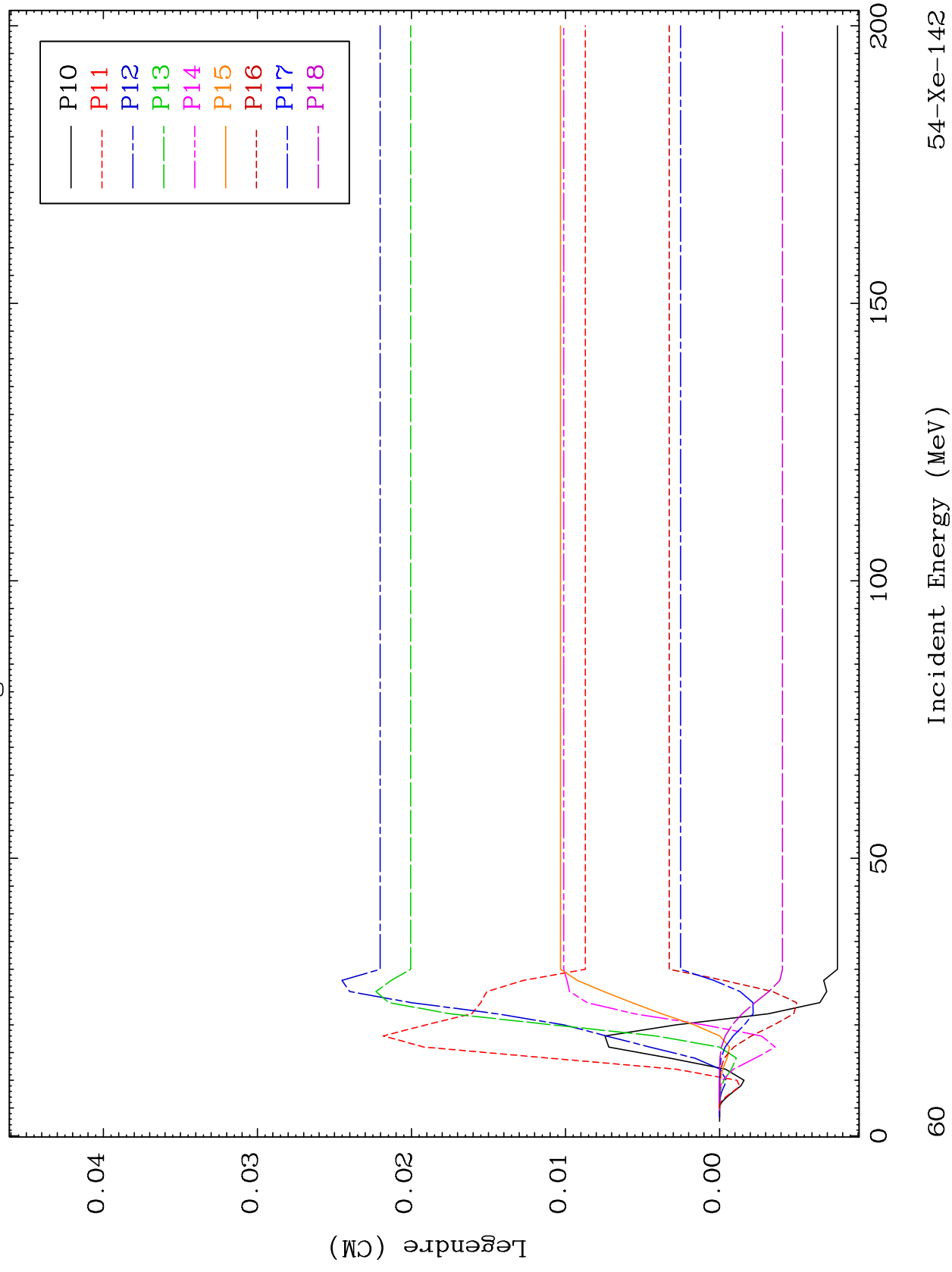
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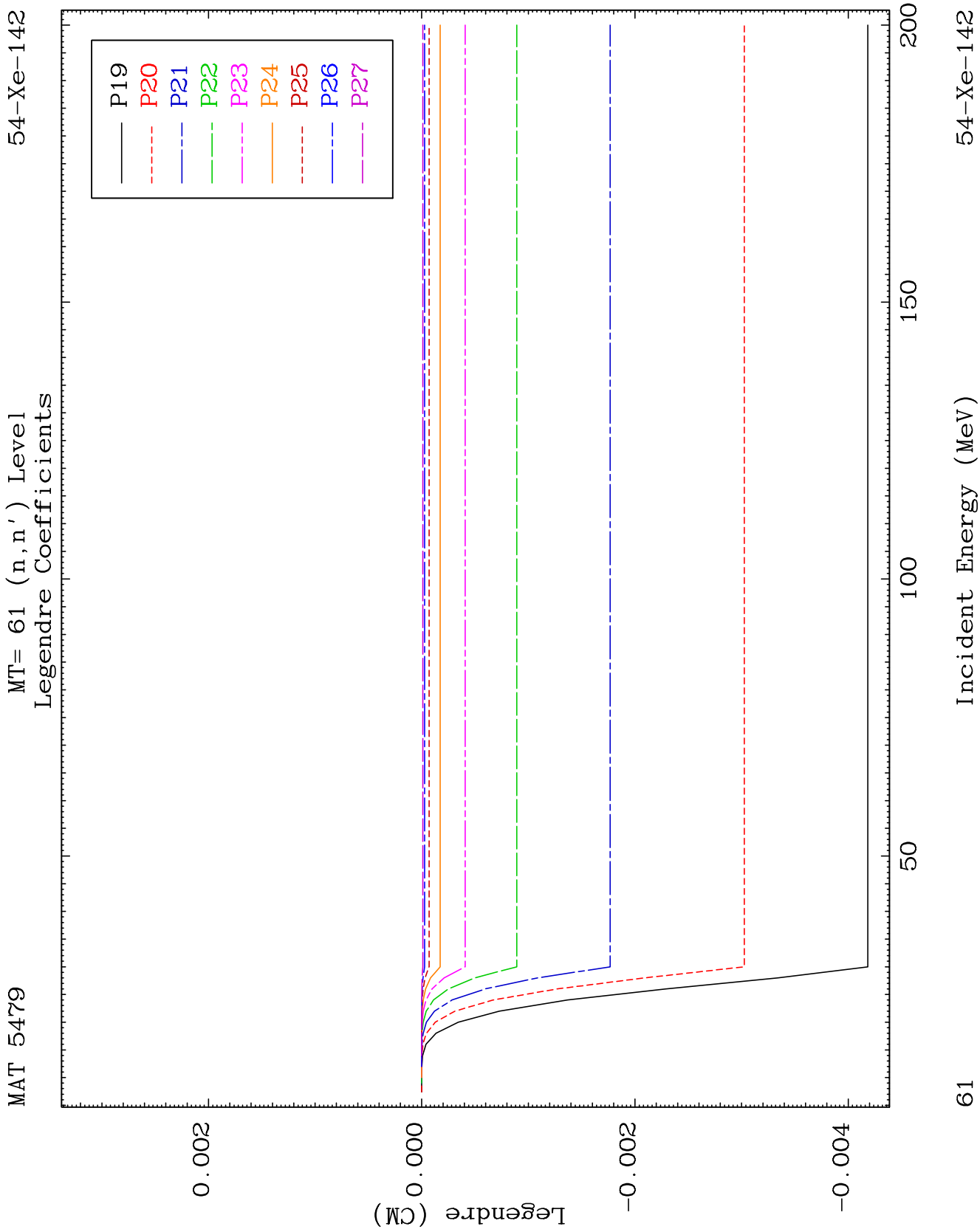


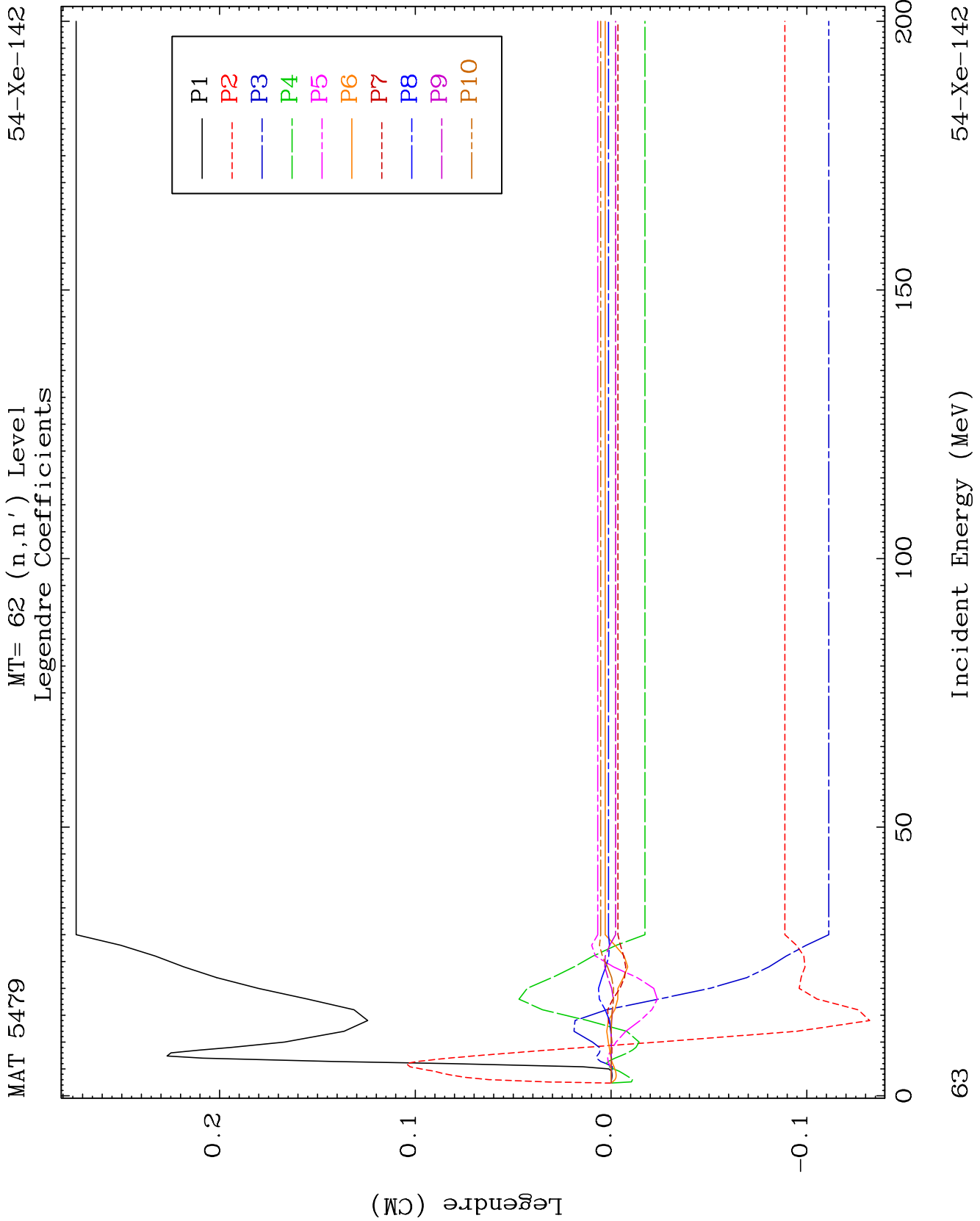
MAT 5479

MT= 61 (n, n') Level
Legendre Coefficients

54-Xe-142



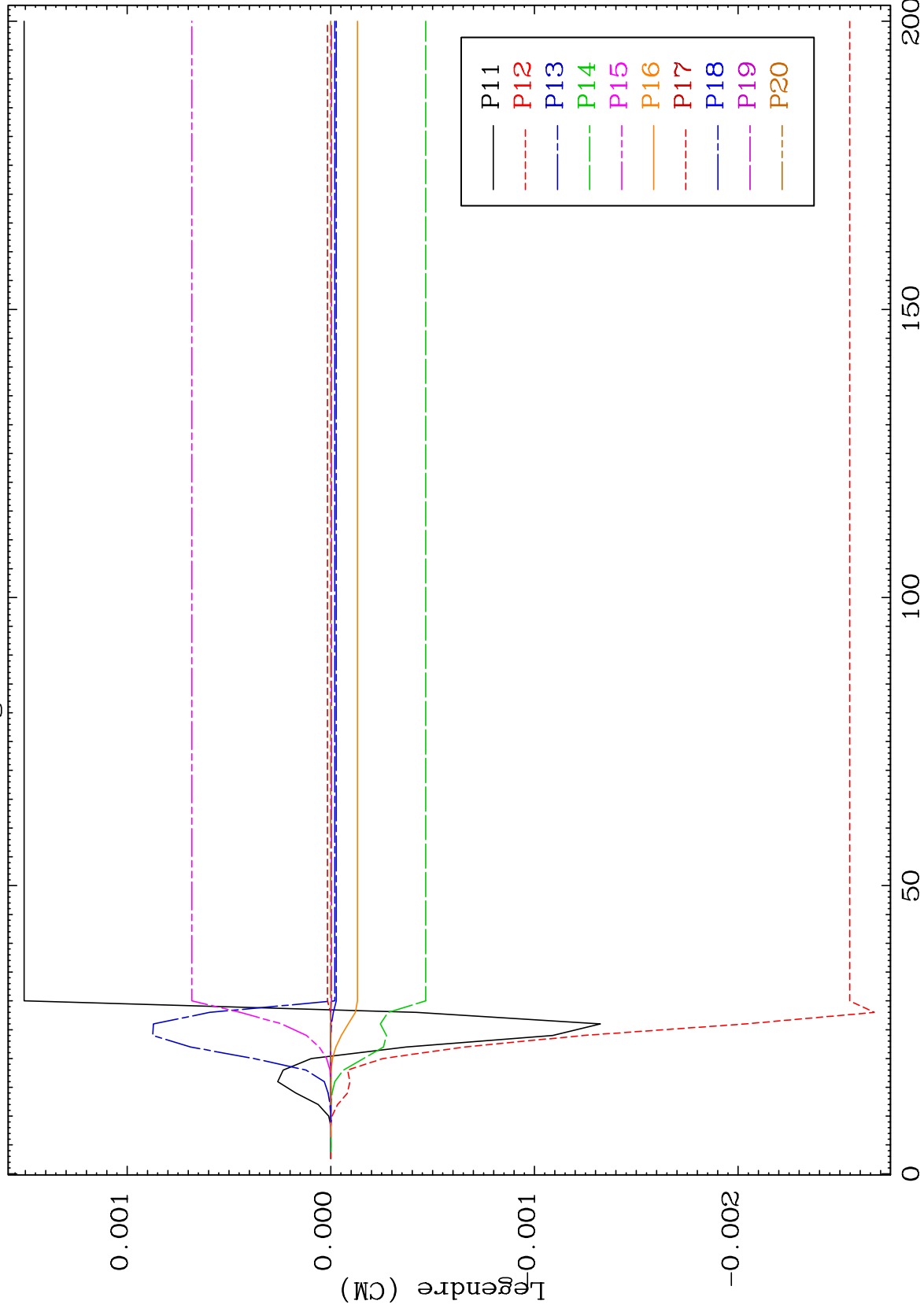




MAT 5479

MT= 62 (n,n') Level
Legendre Coefficients

54-Xe-142



64

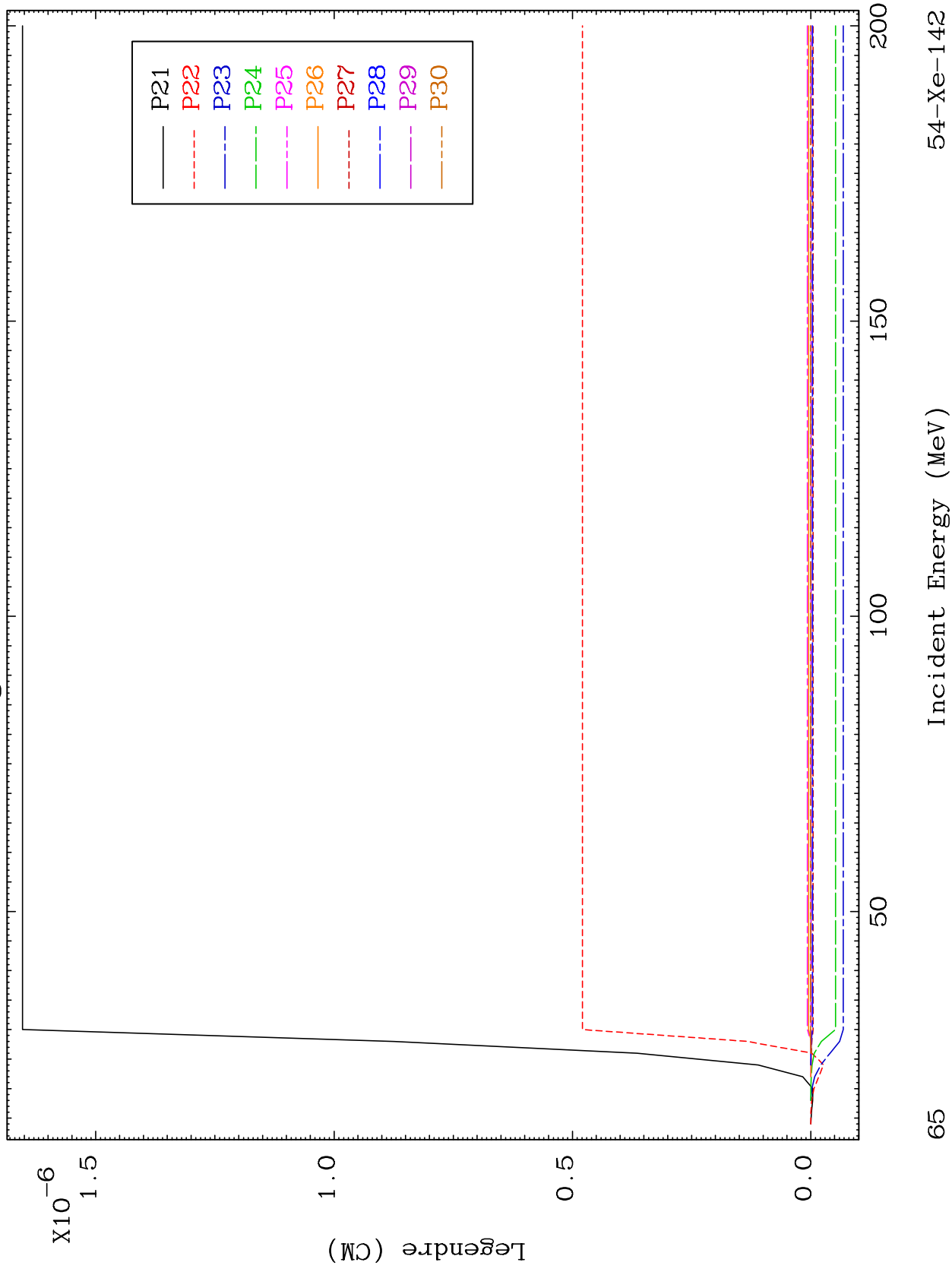
Incident Energy (MeV)

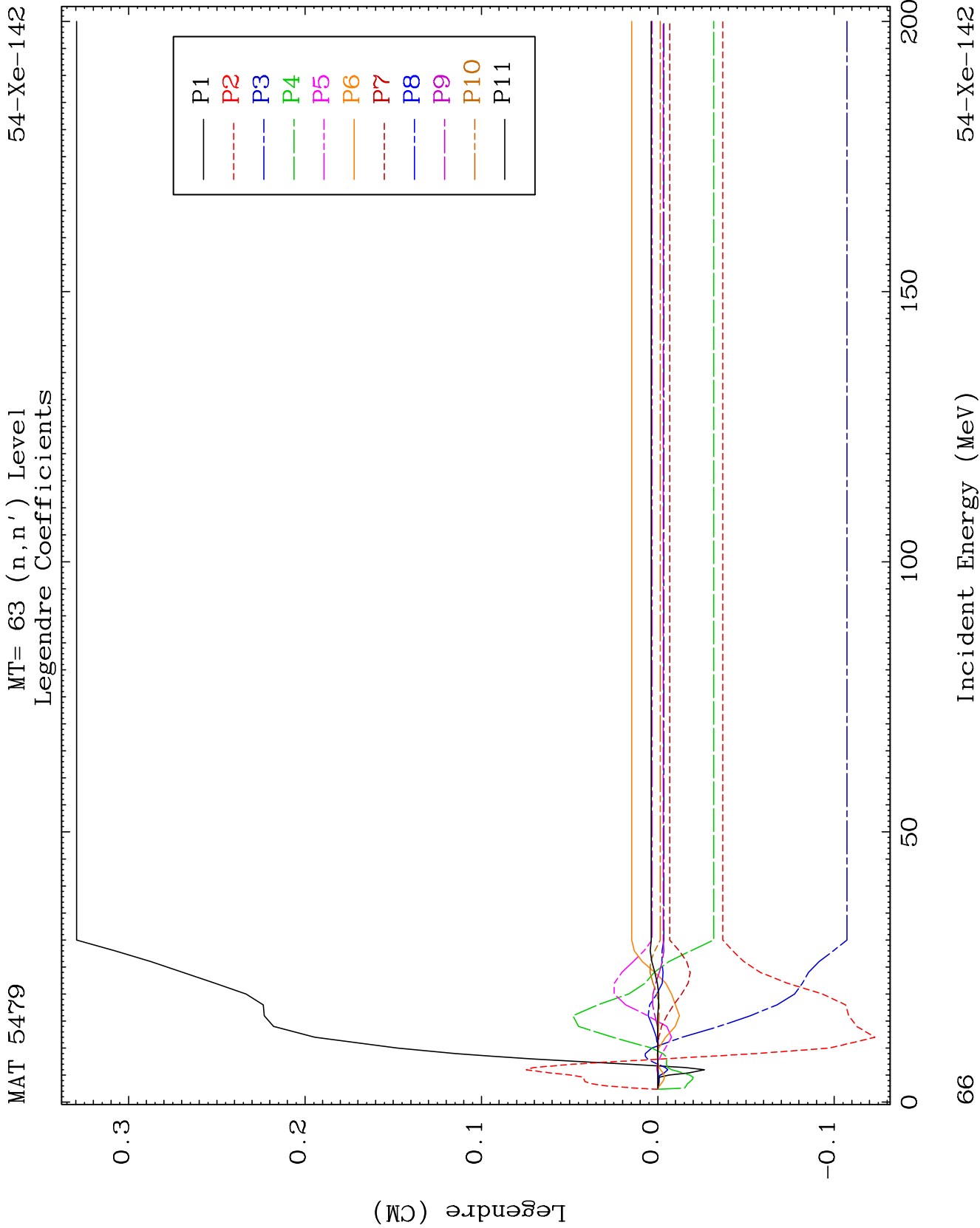
54-Xe-142

MAT 5479

MT= 62 (n, n') Level
Legendre Coefficients

54-Xe-142

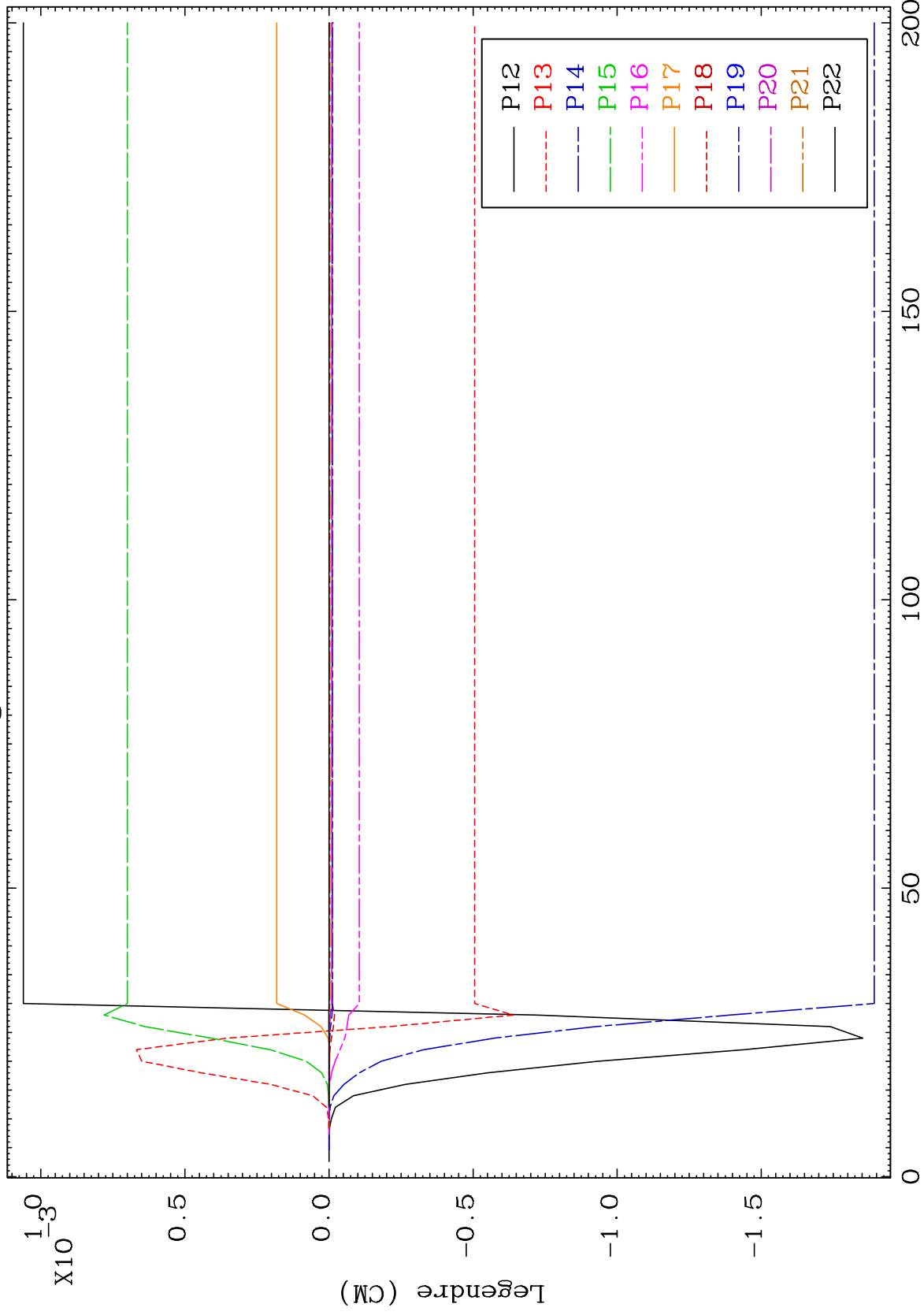




MAT 5479

MT= 63 (n,n') Level
Legendre Coefficients

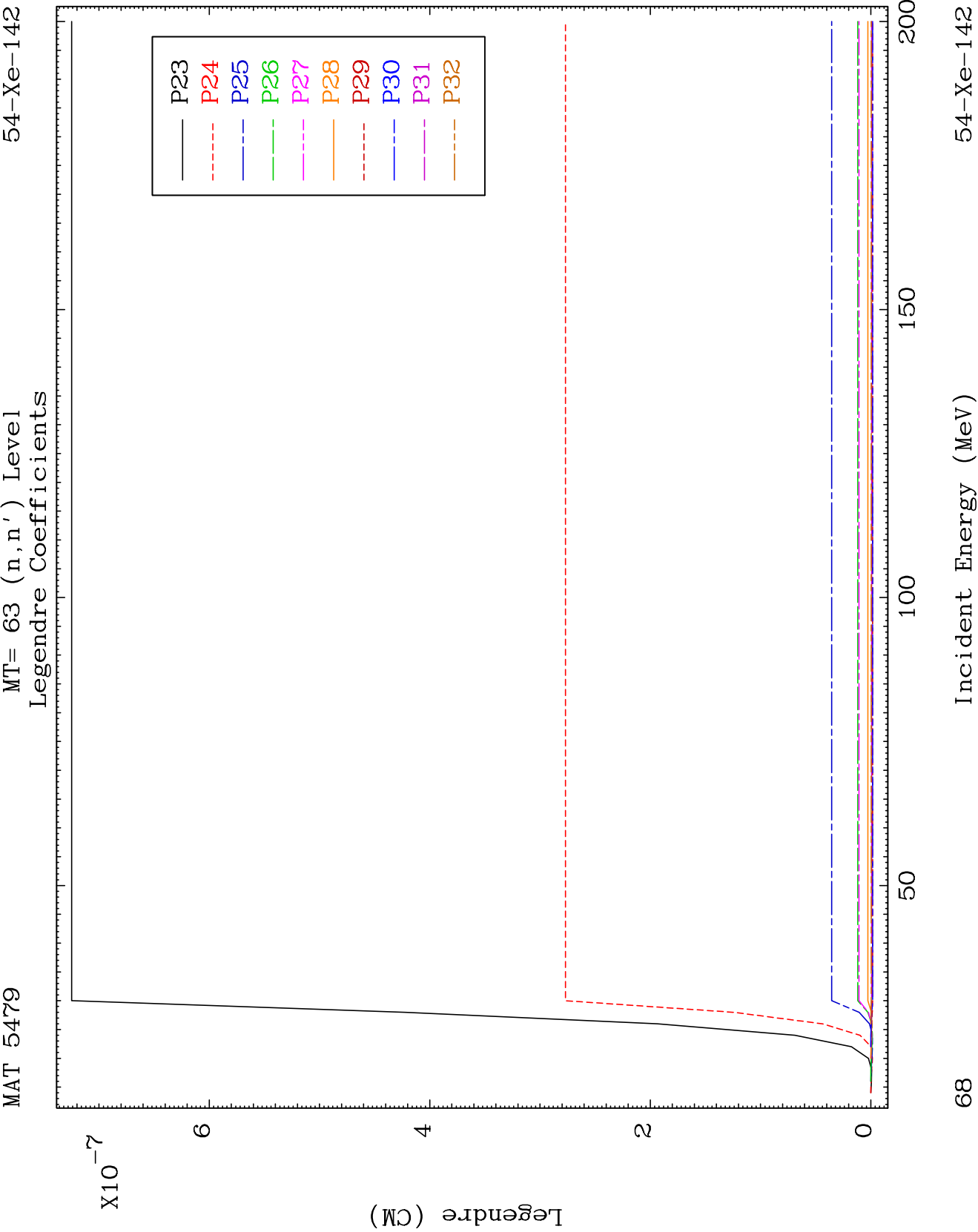
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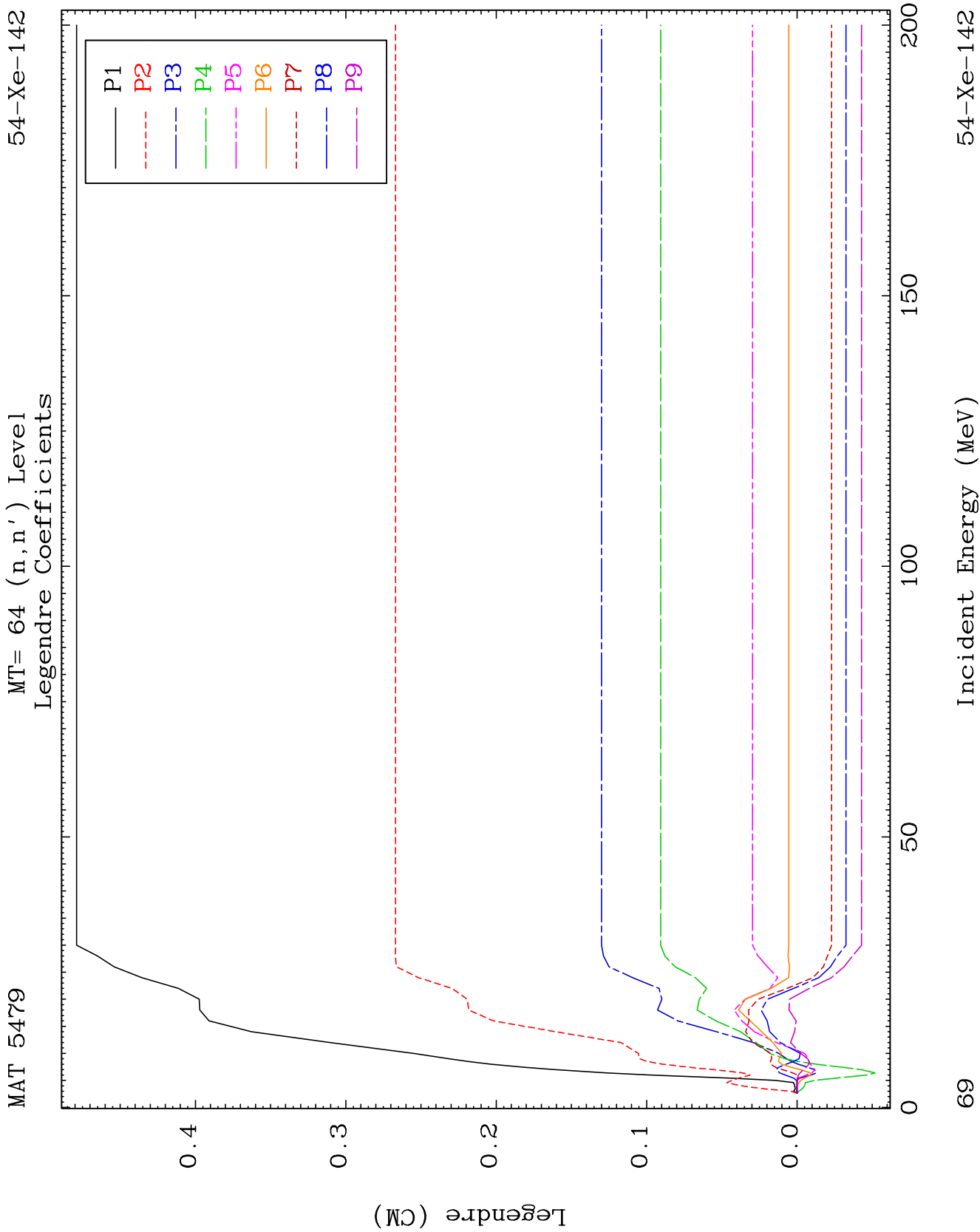


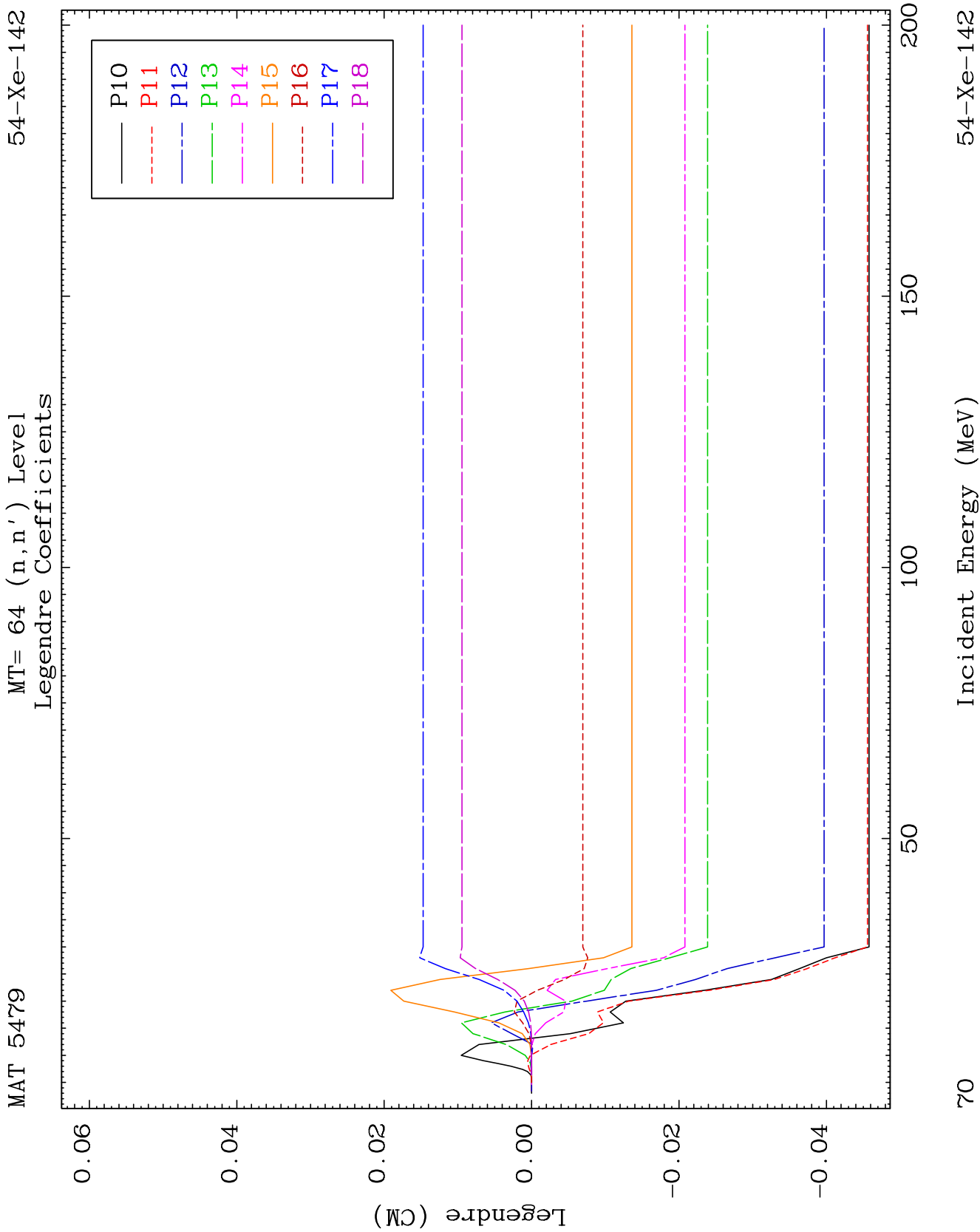
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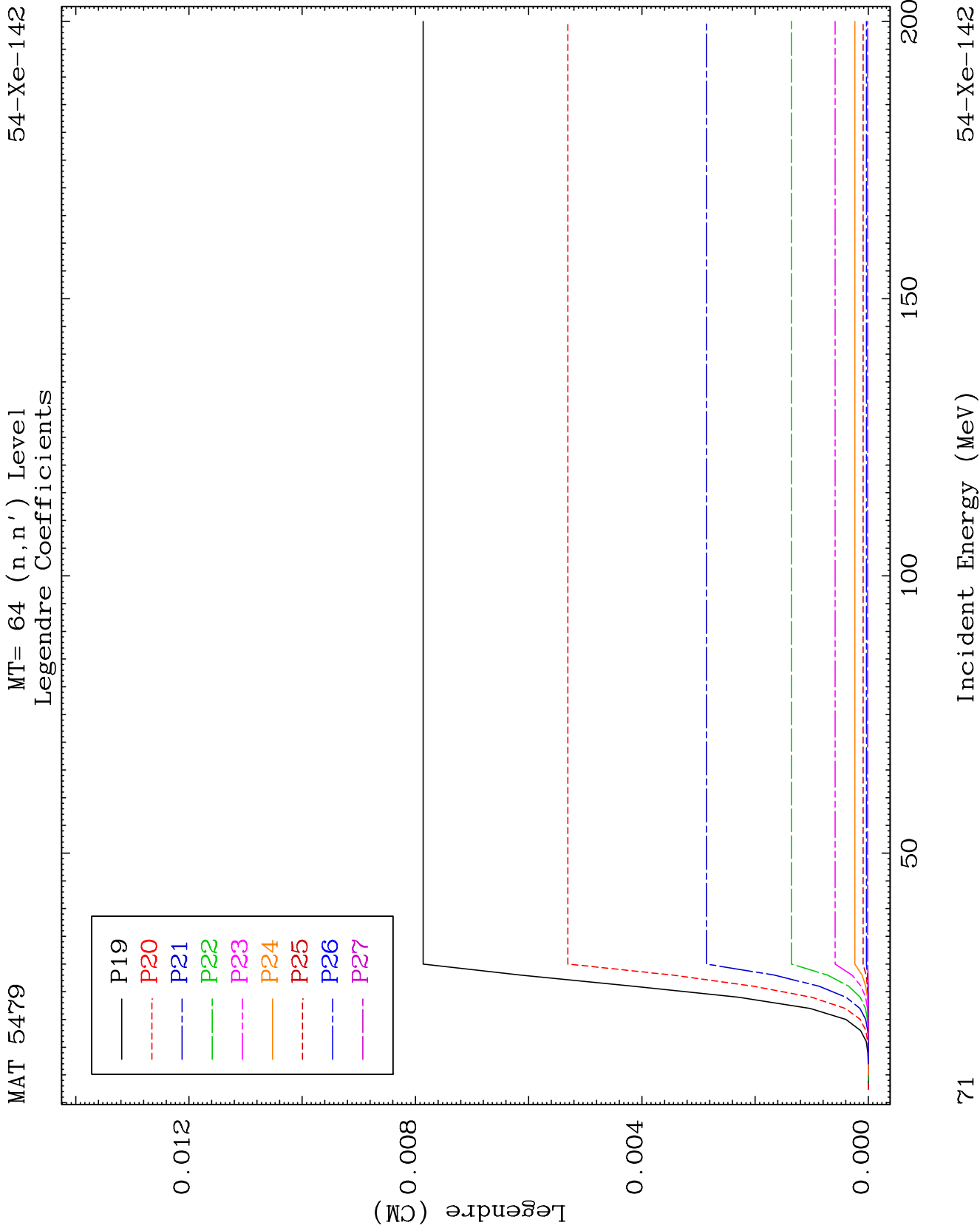
Incident Energy (MeV)

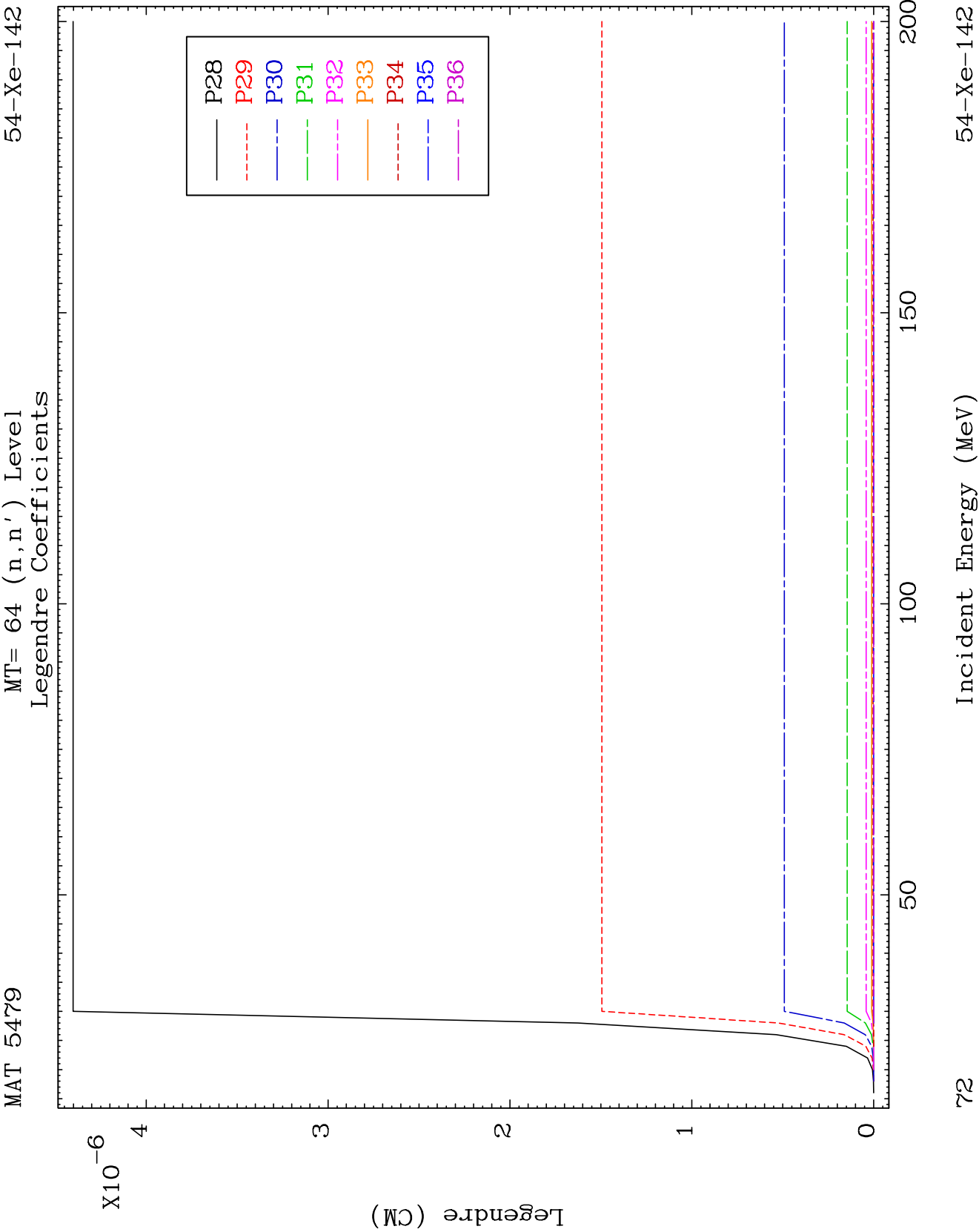
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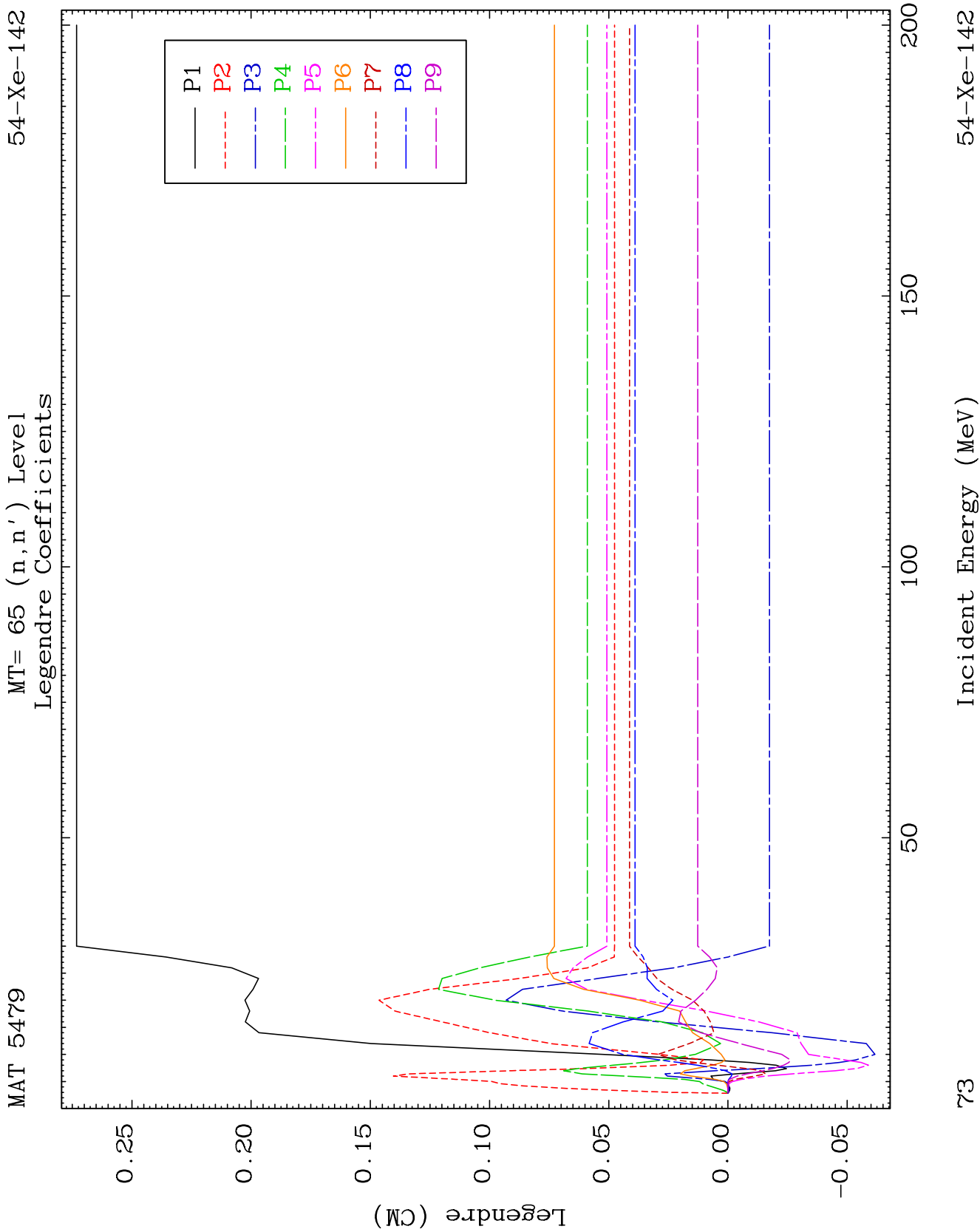


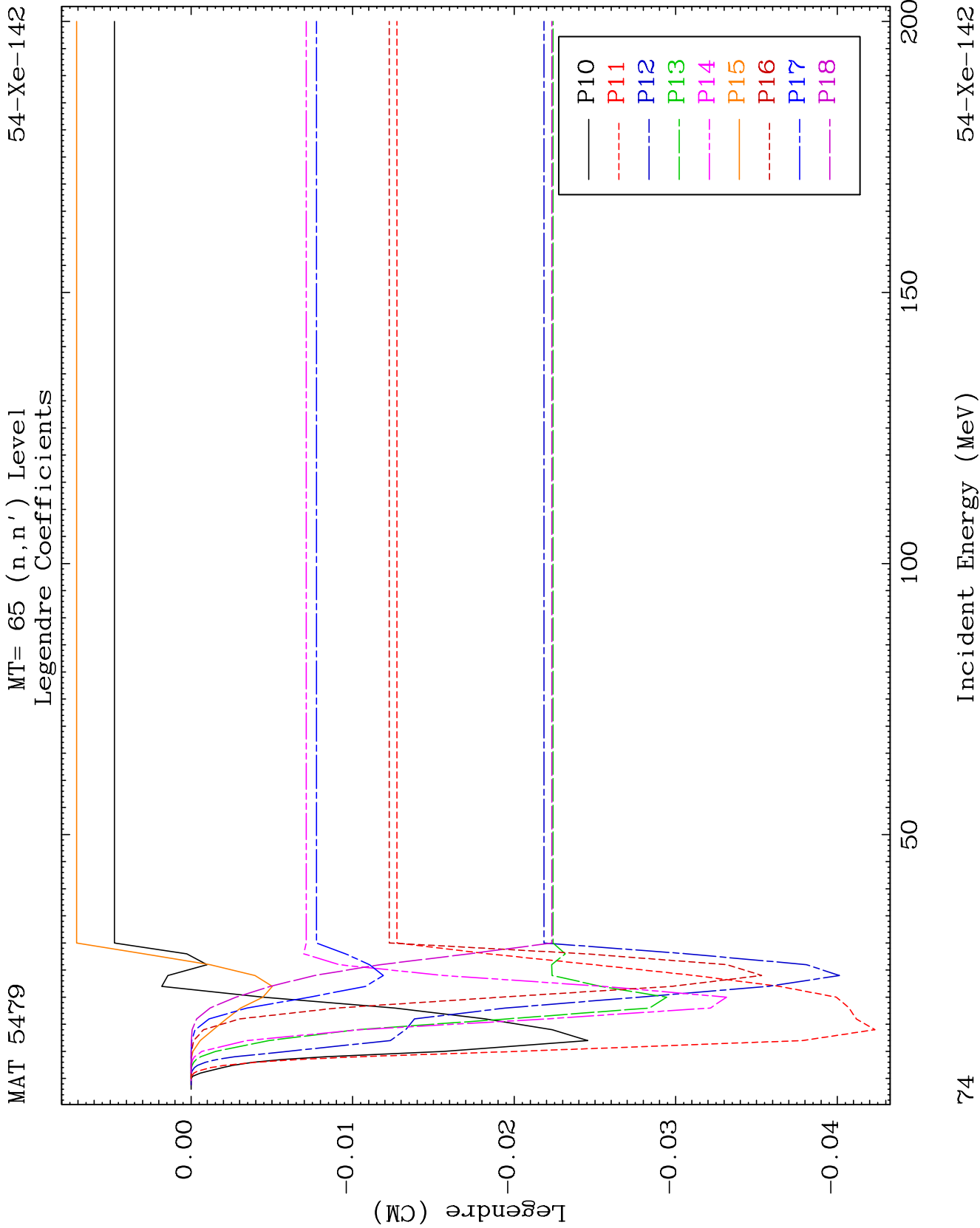


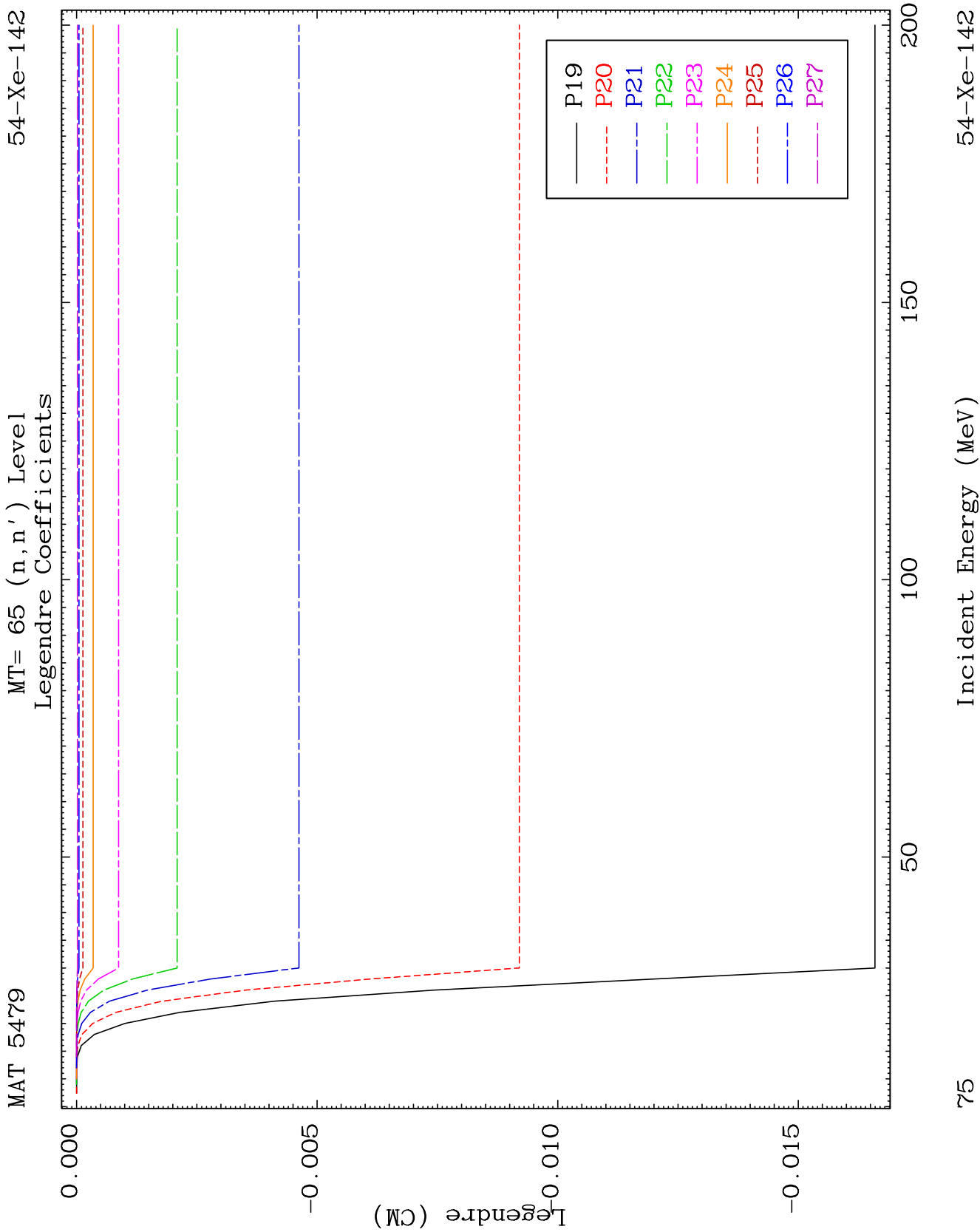


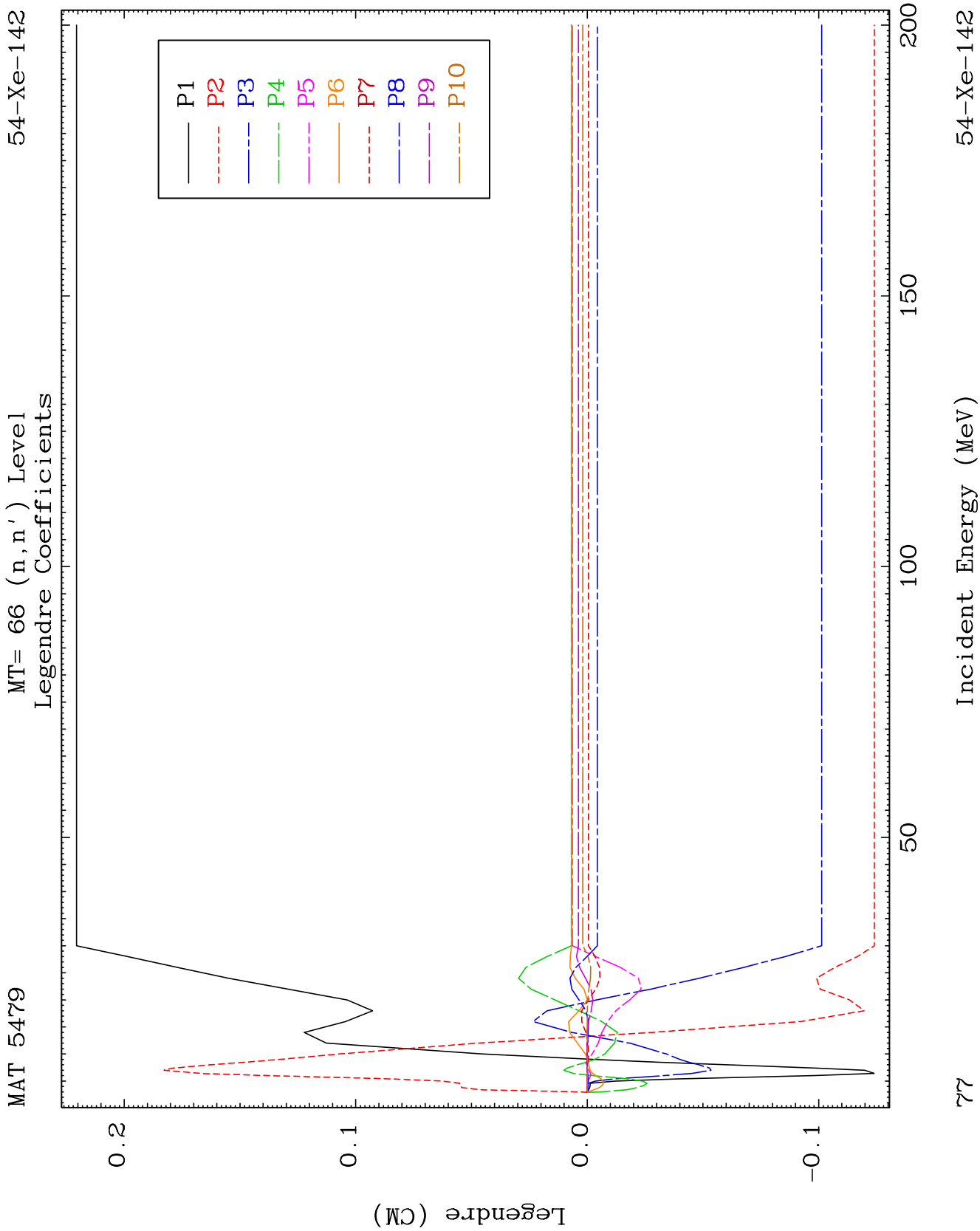


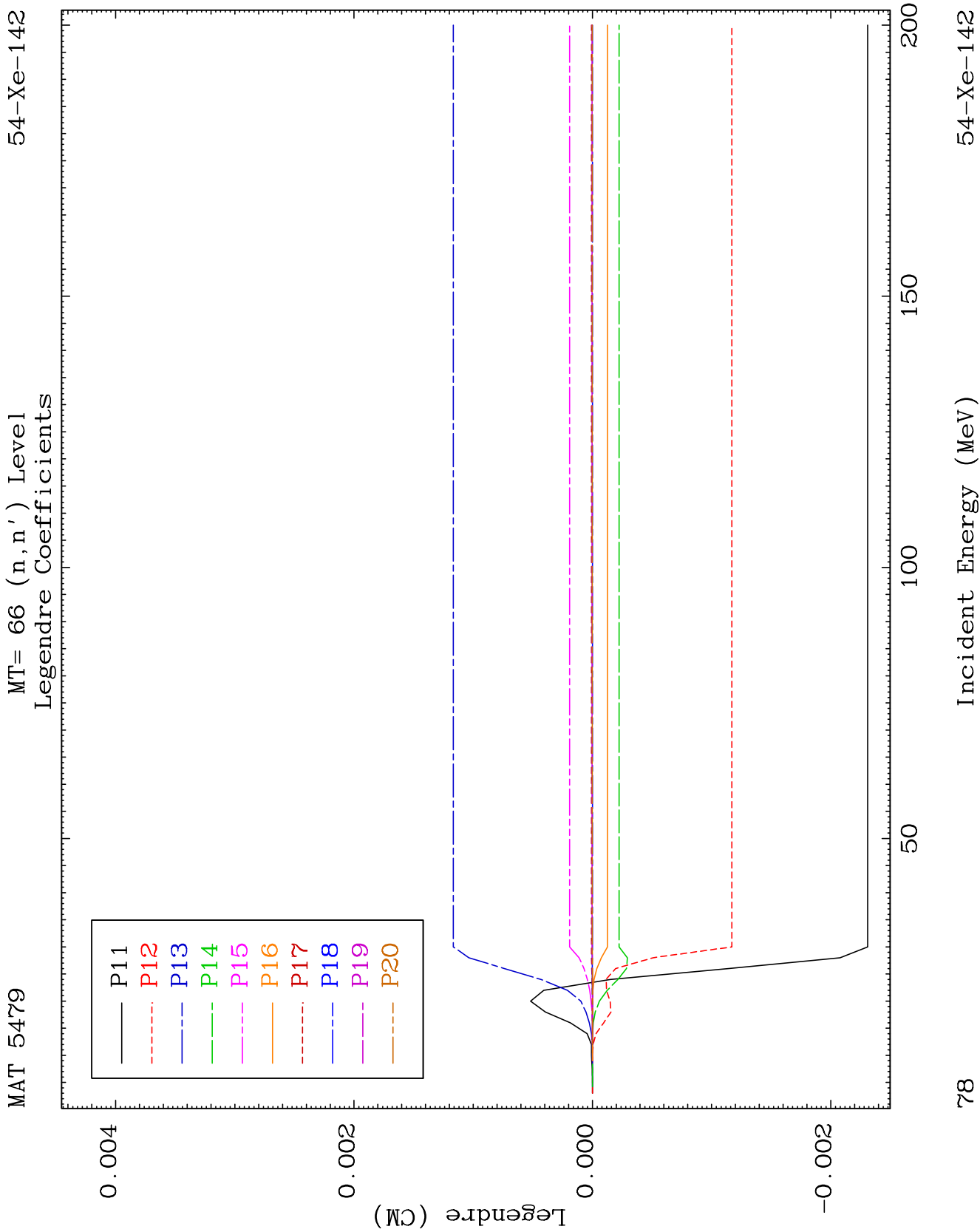


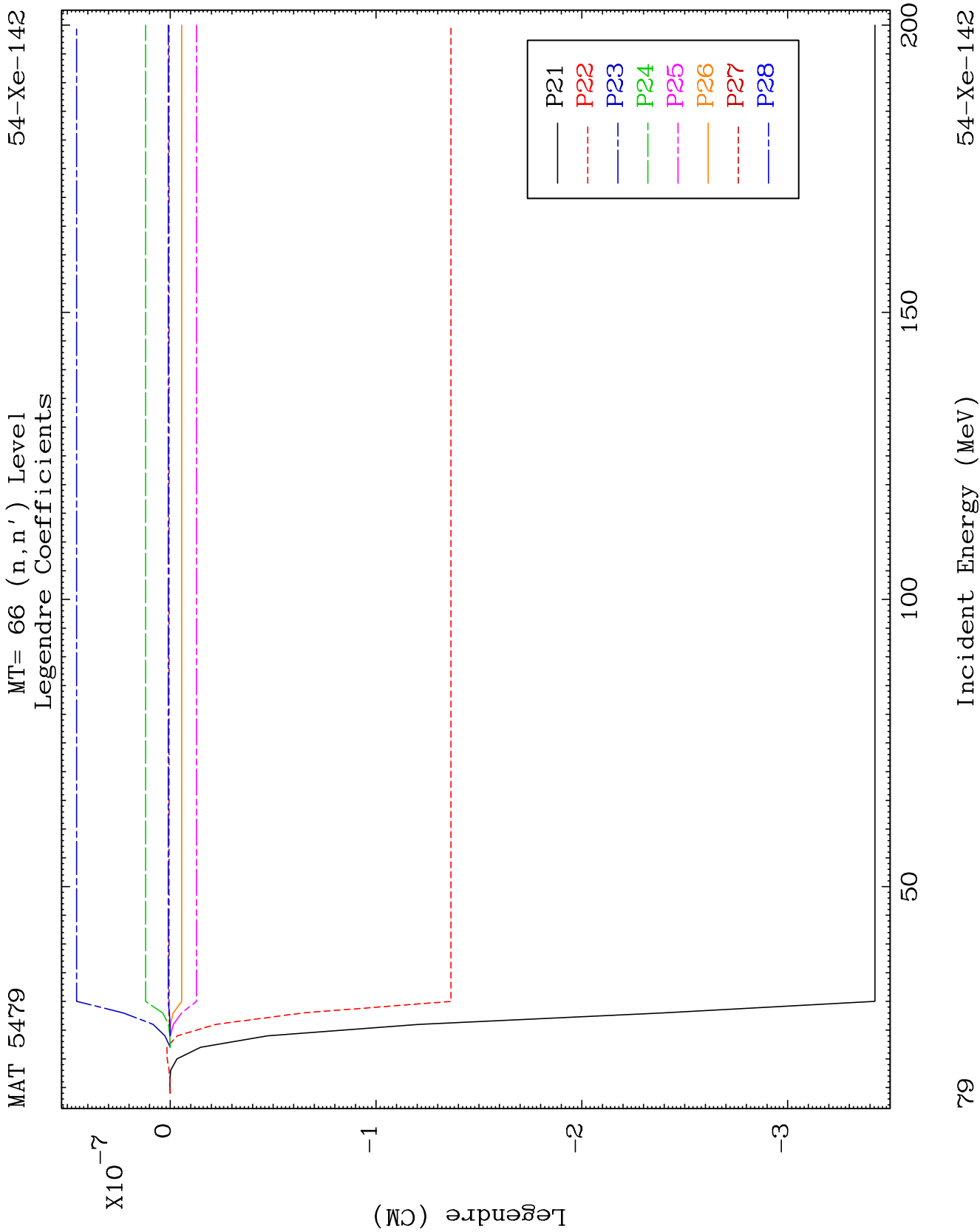


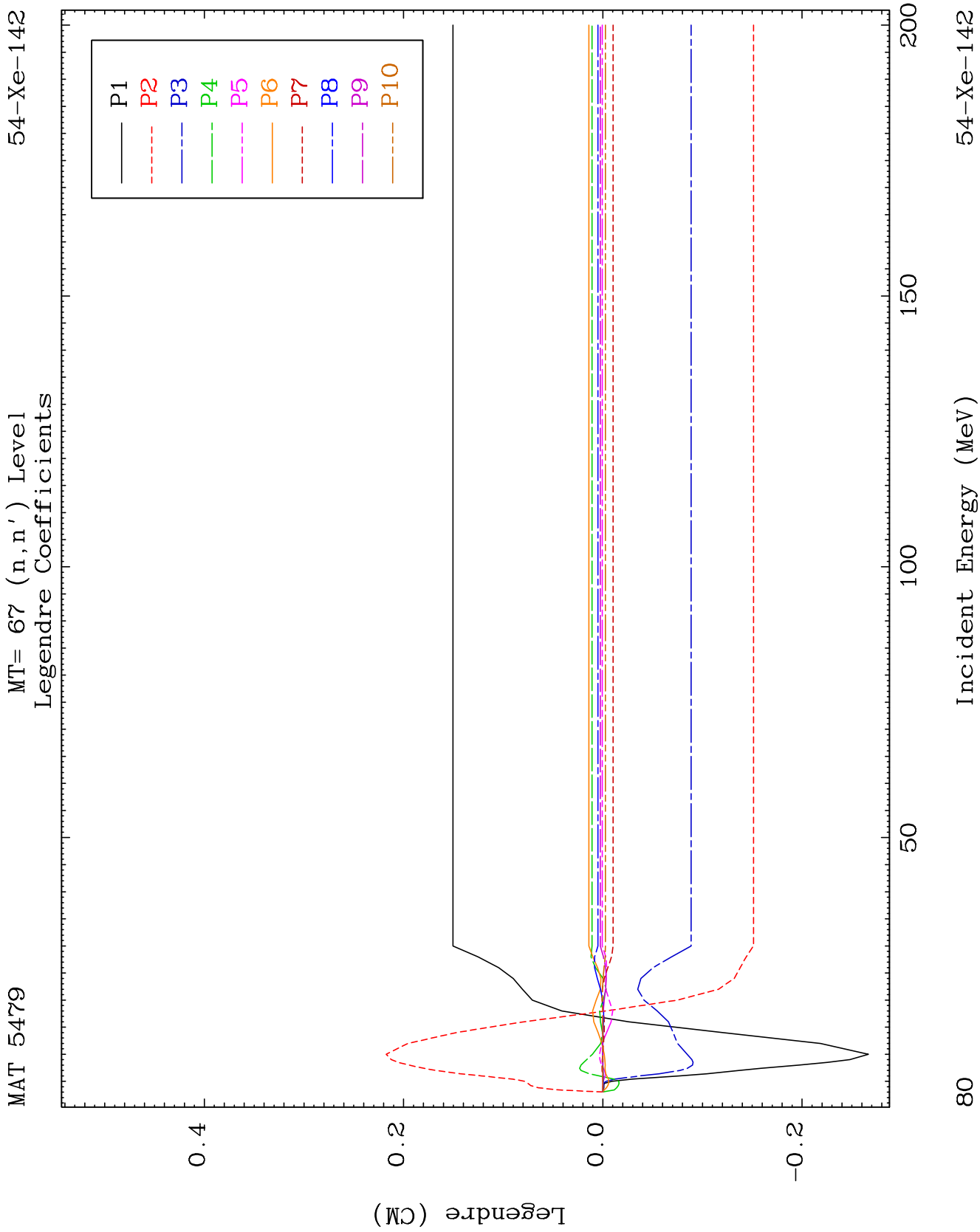


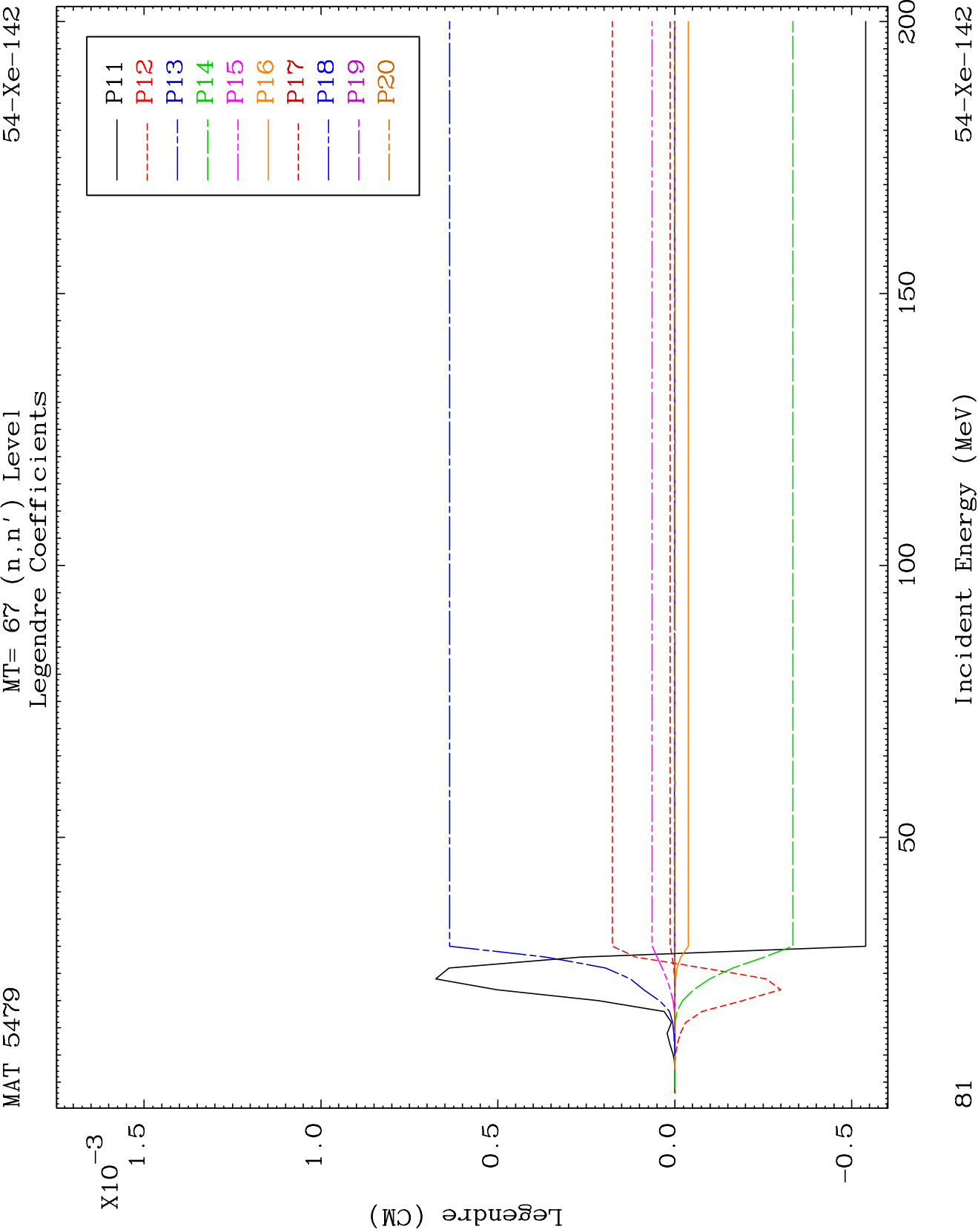


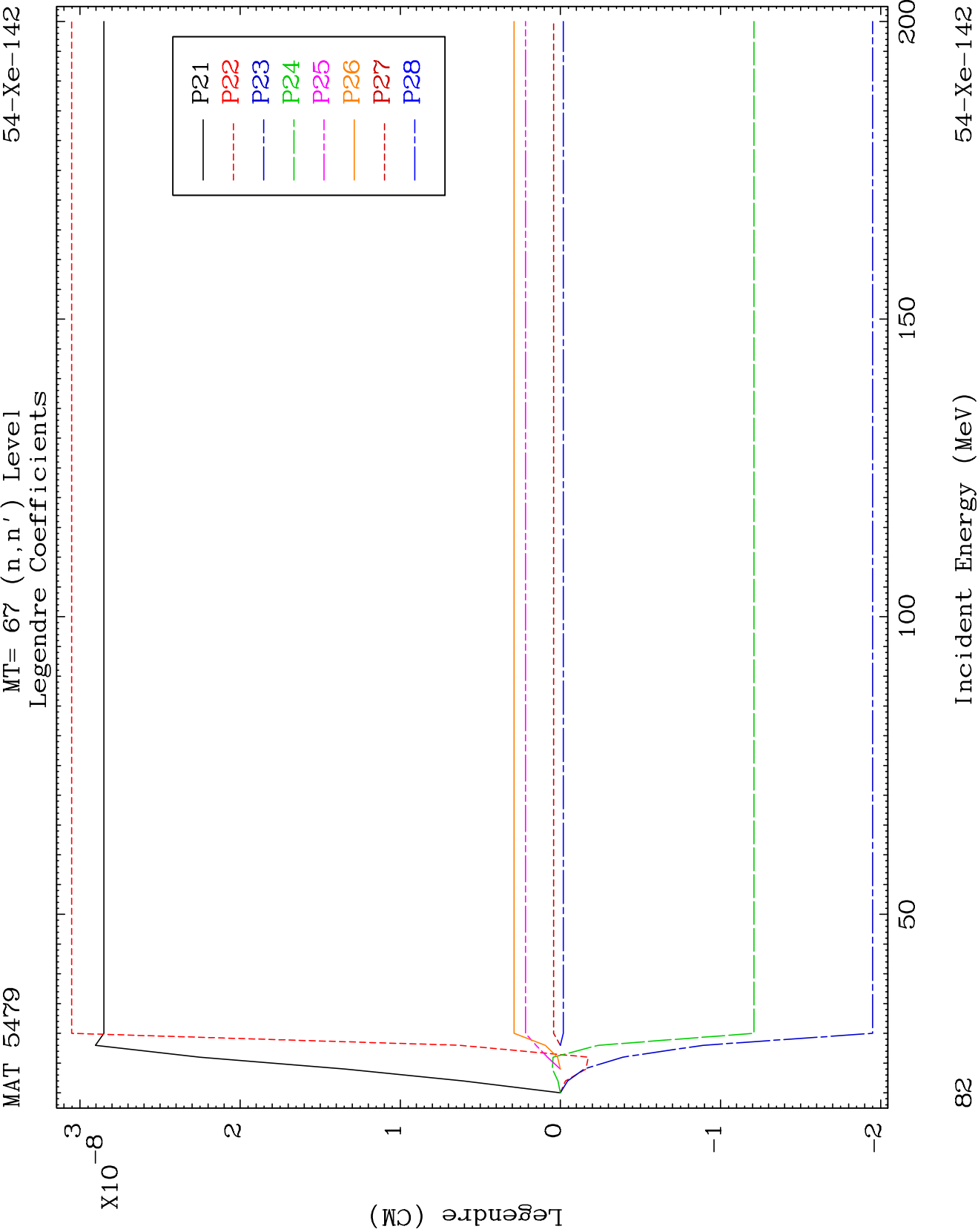


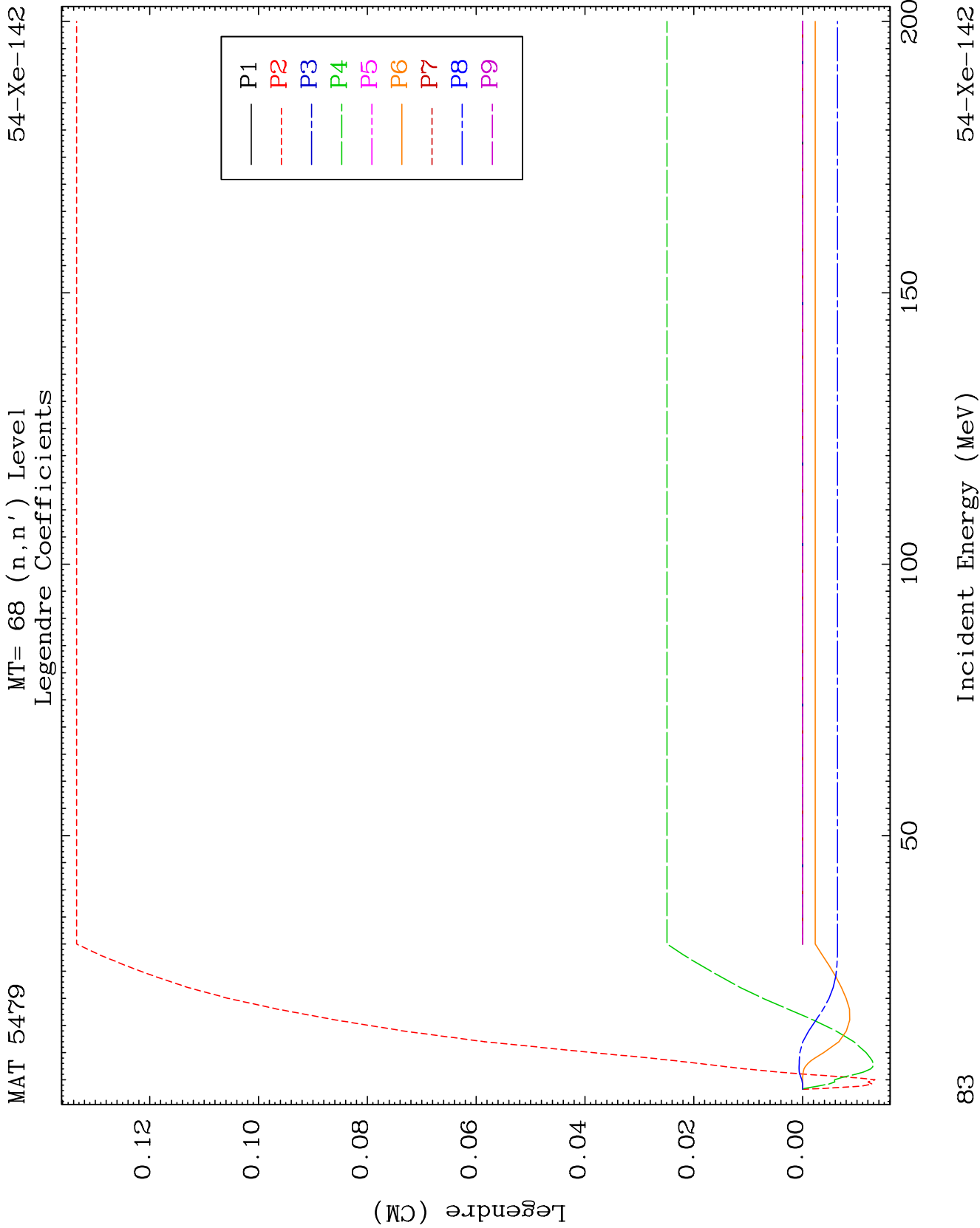


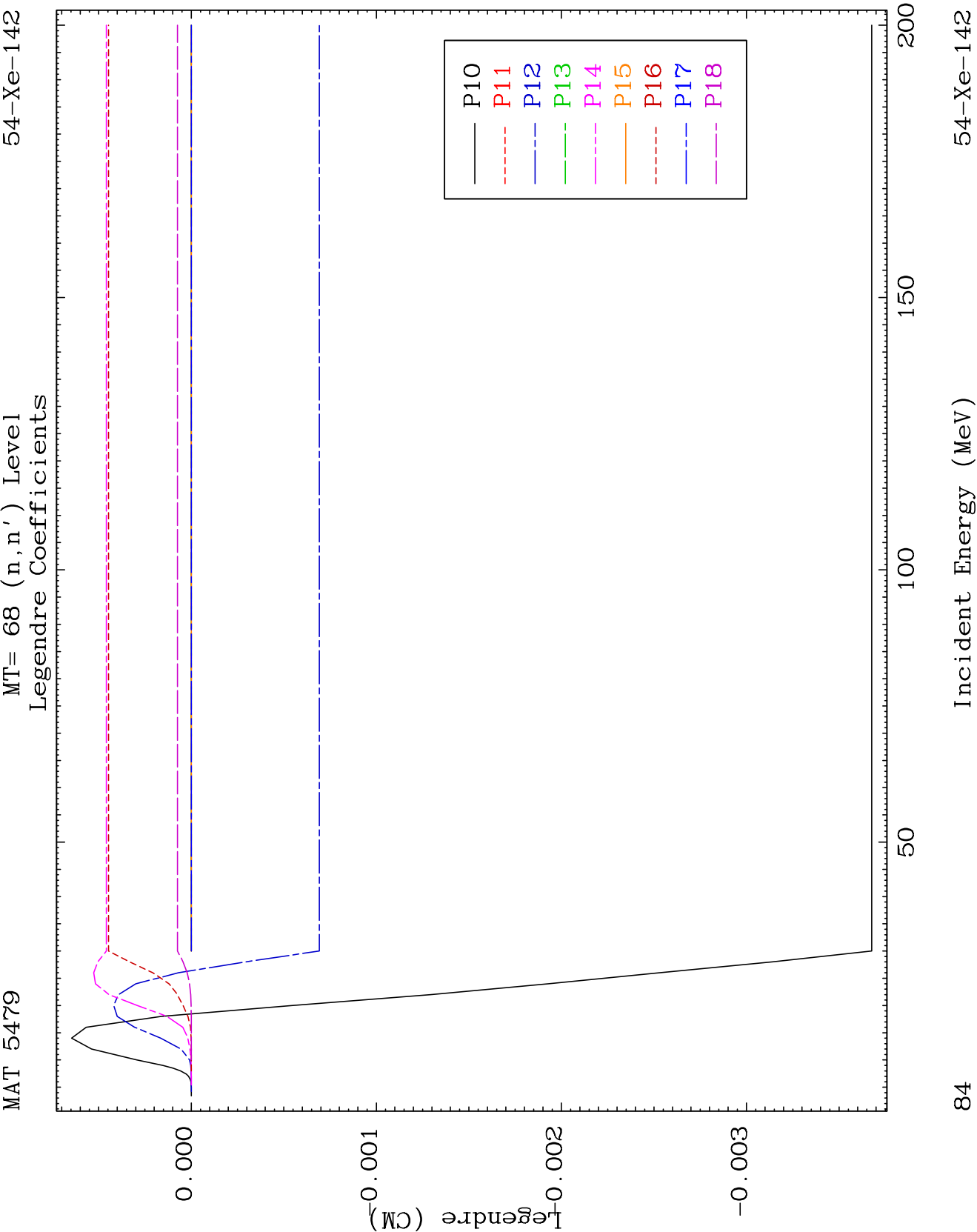








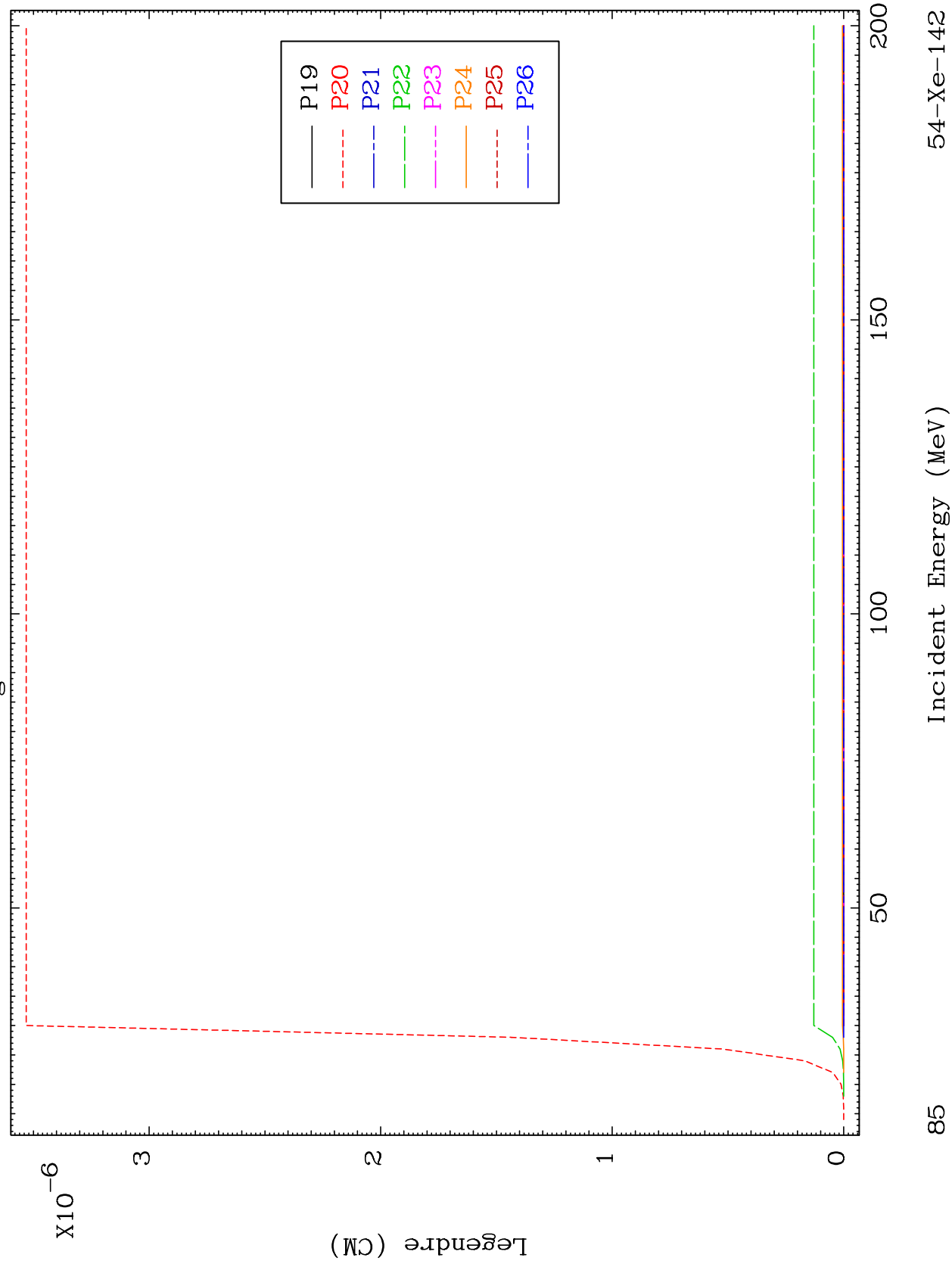


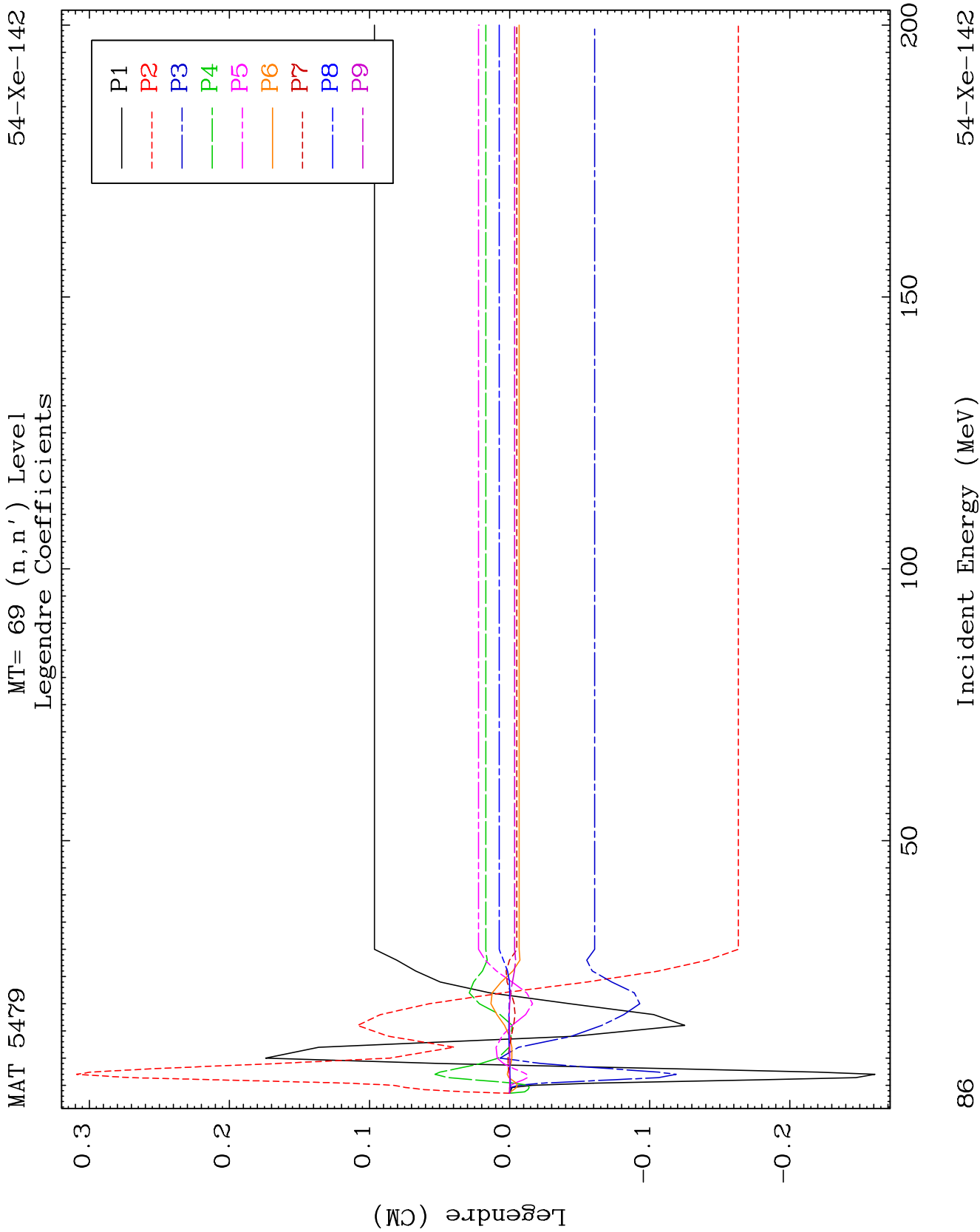


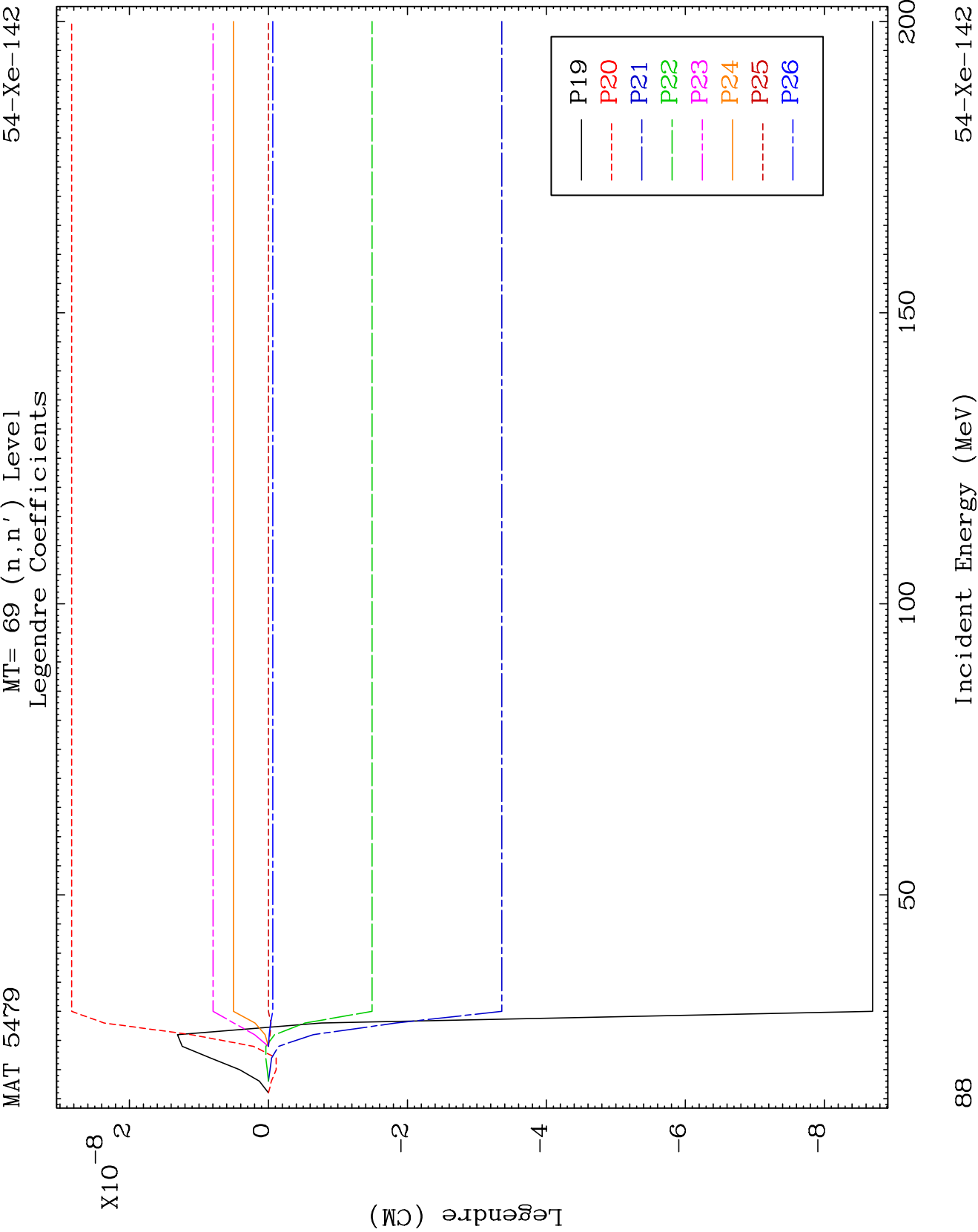
MAT 5479

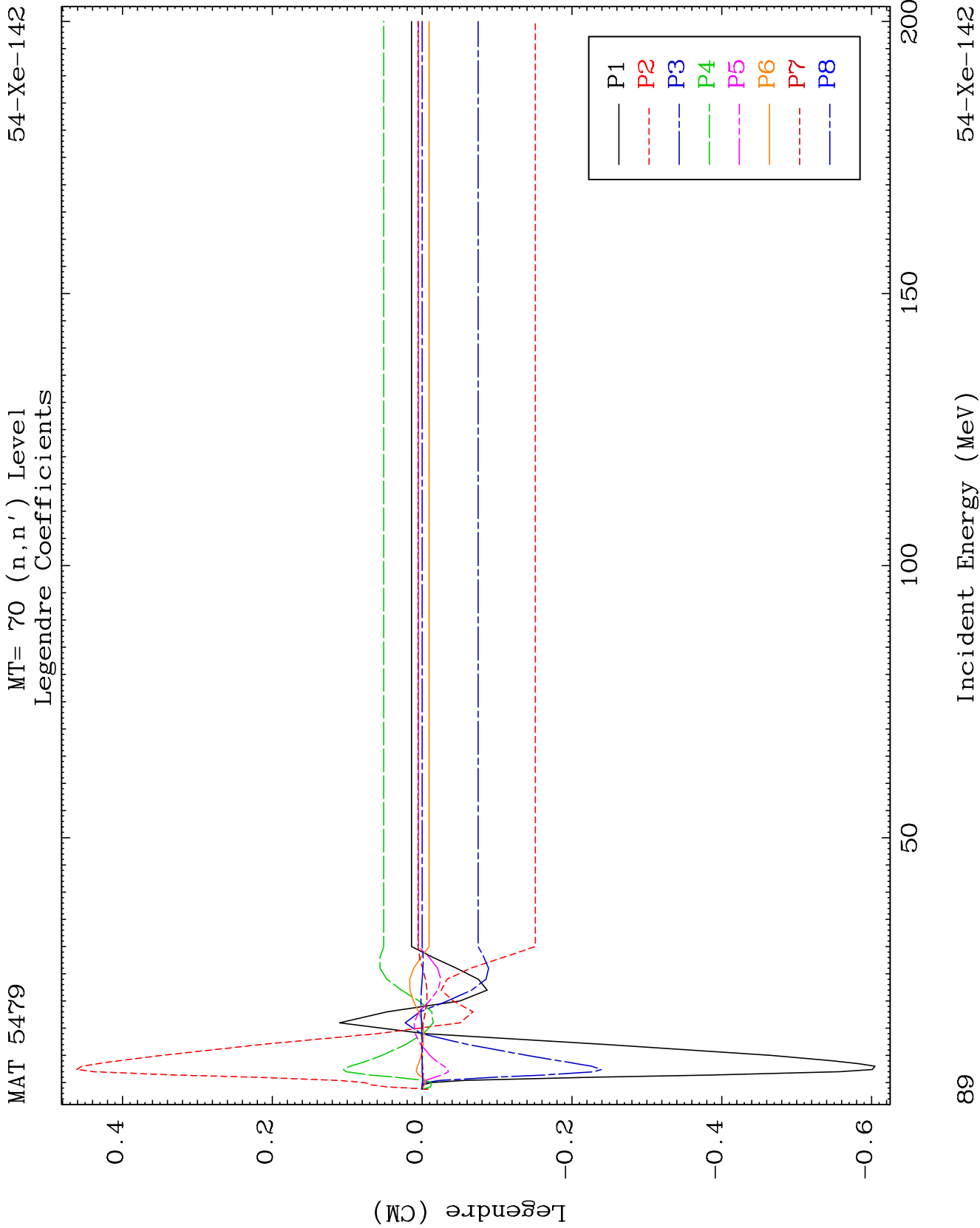
MT= 68 (n, n') Level
Legendre Coefficients

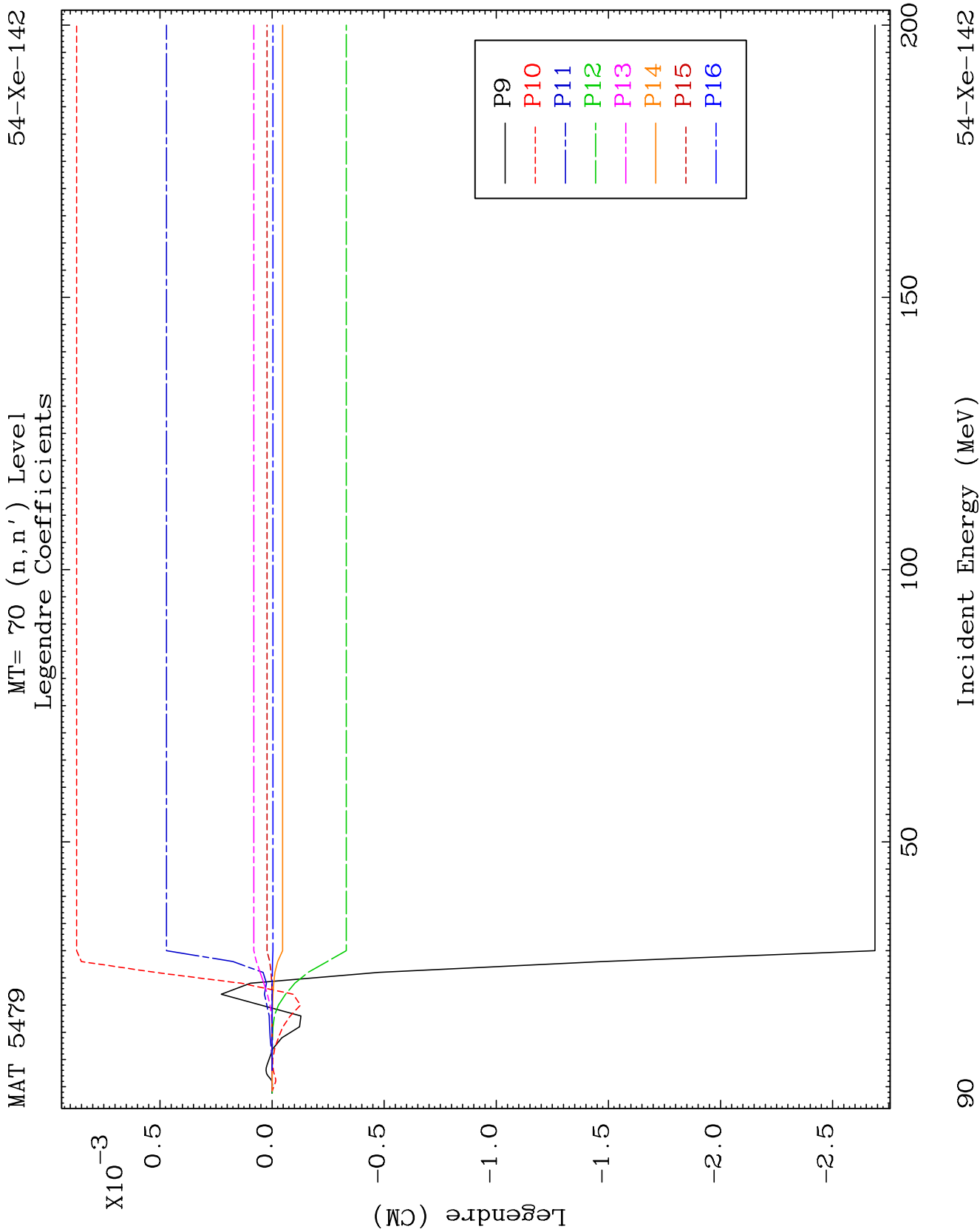
54-Xe-142

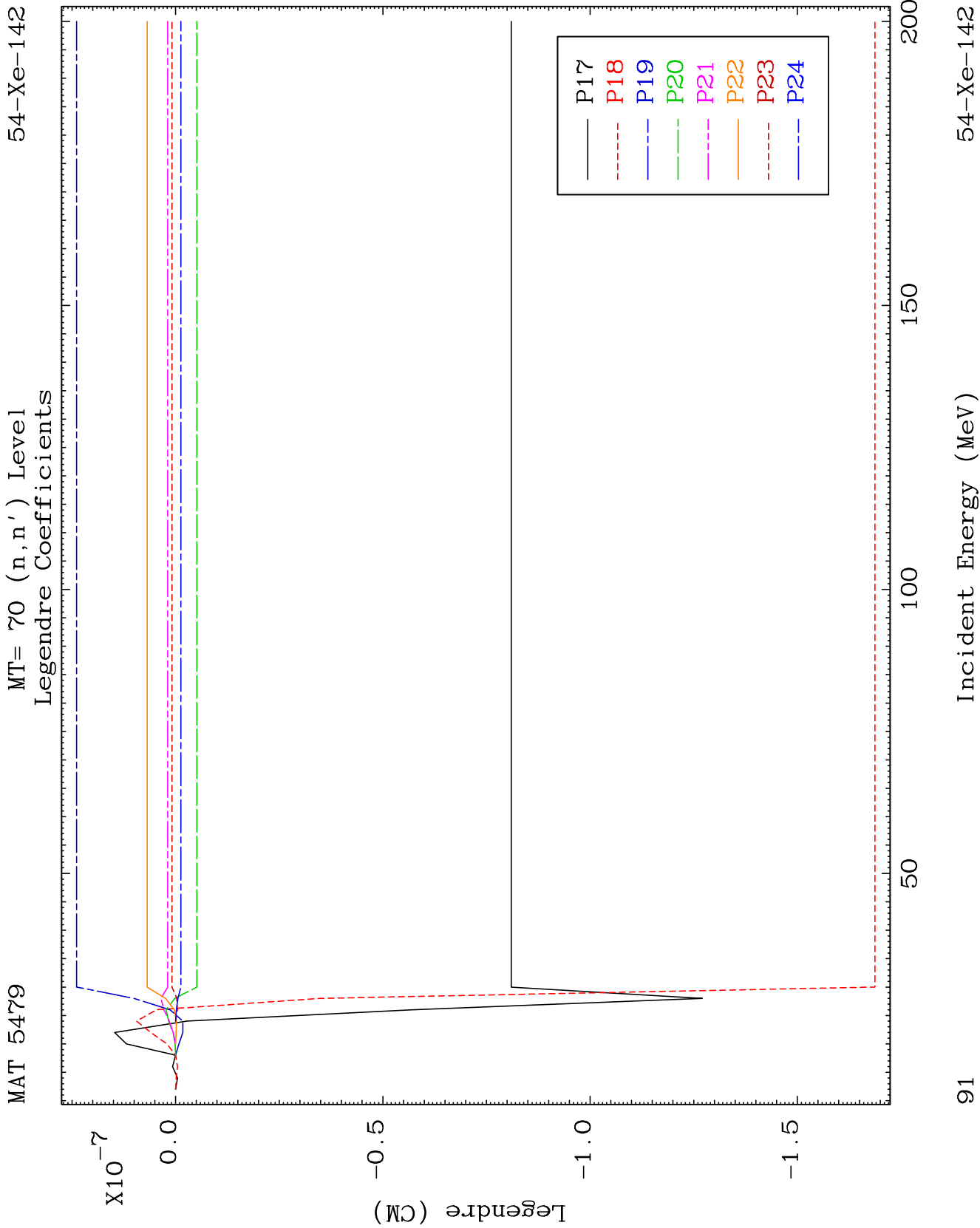








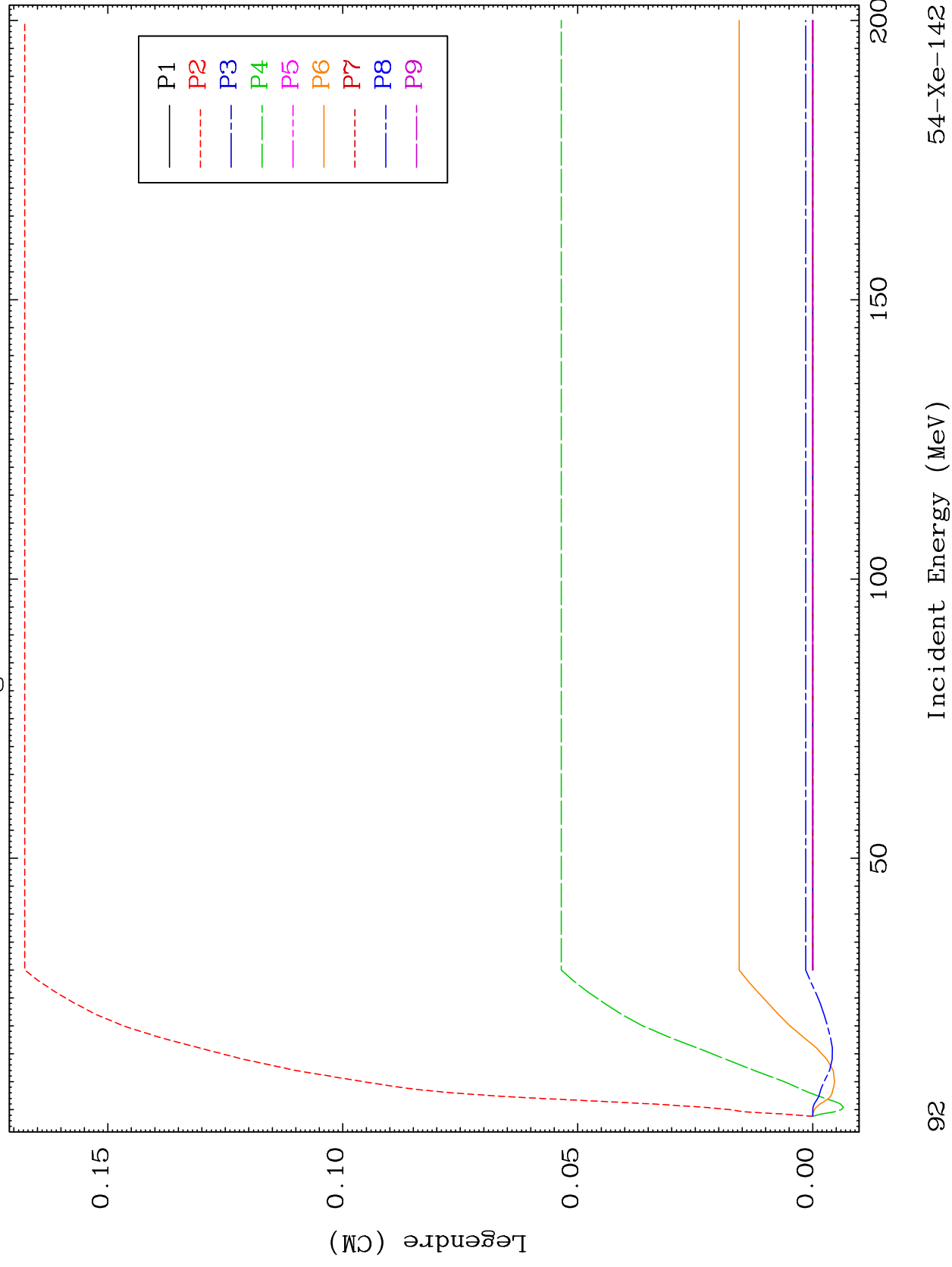




MAT 5479

MT= 71 (n, n') Level
Legendre Coefficients

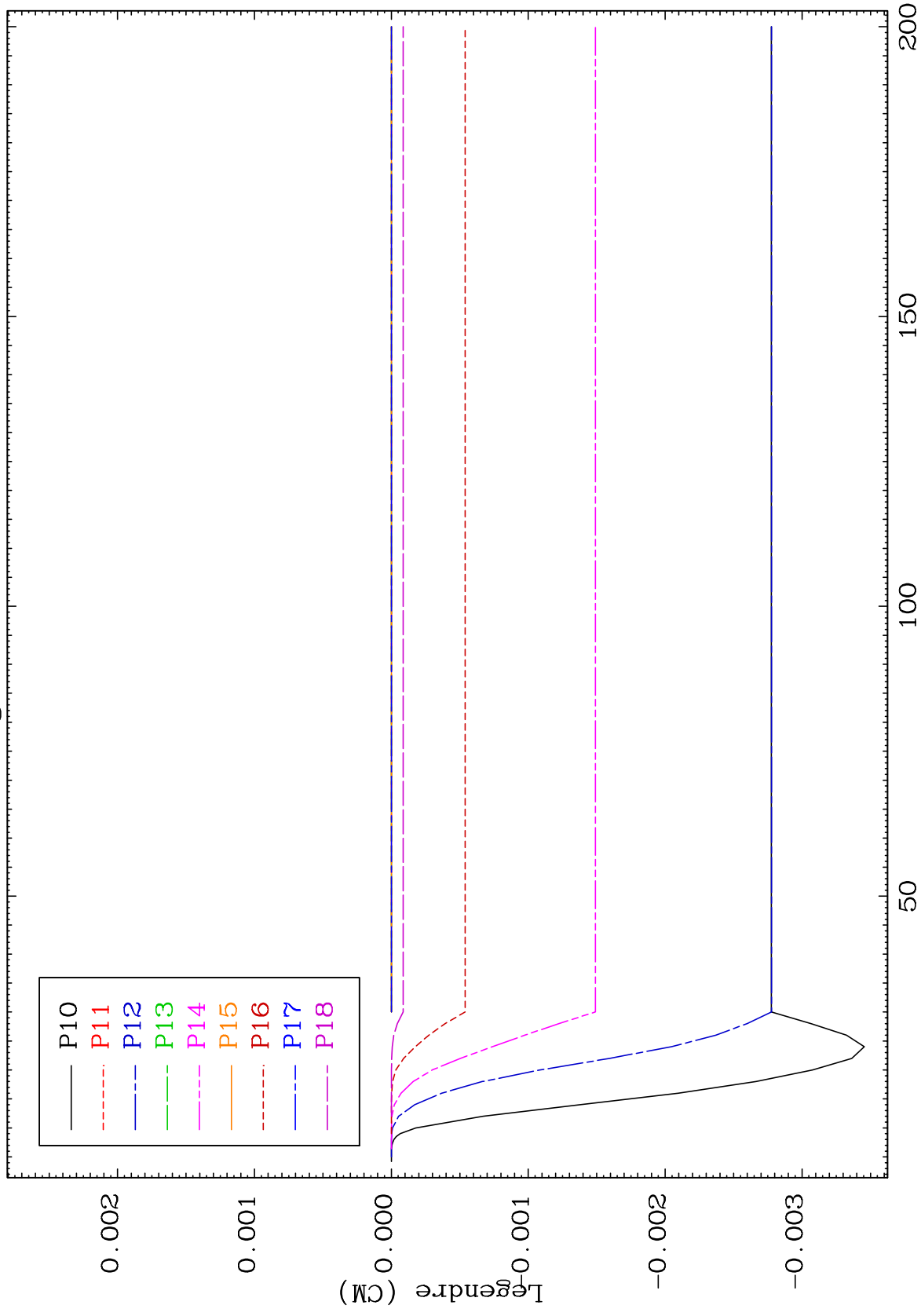
54-Xe-142



MAT 5479

MT= 71 (n,n') Level
Legendre Coefficients

54-Xe-142



93

Incident Energy (MeV)

54-Xe-142

