

Program EVALPLOT
(Version 2021-1)

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

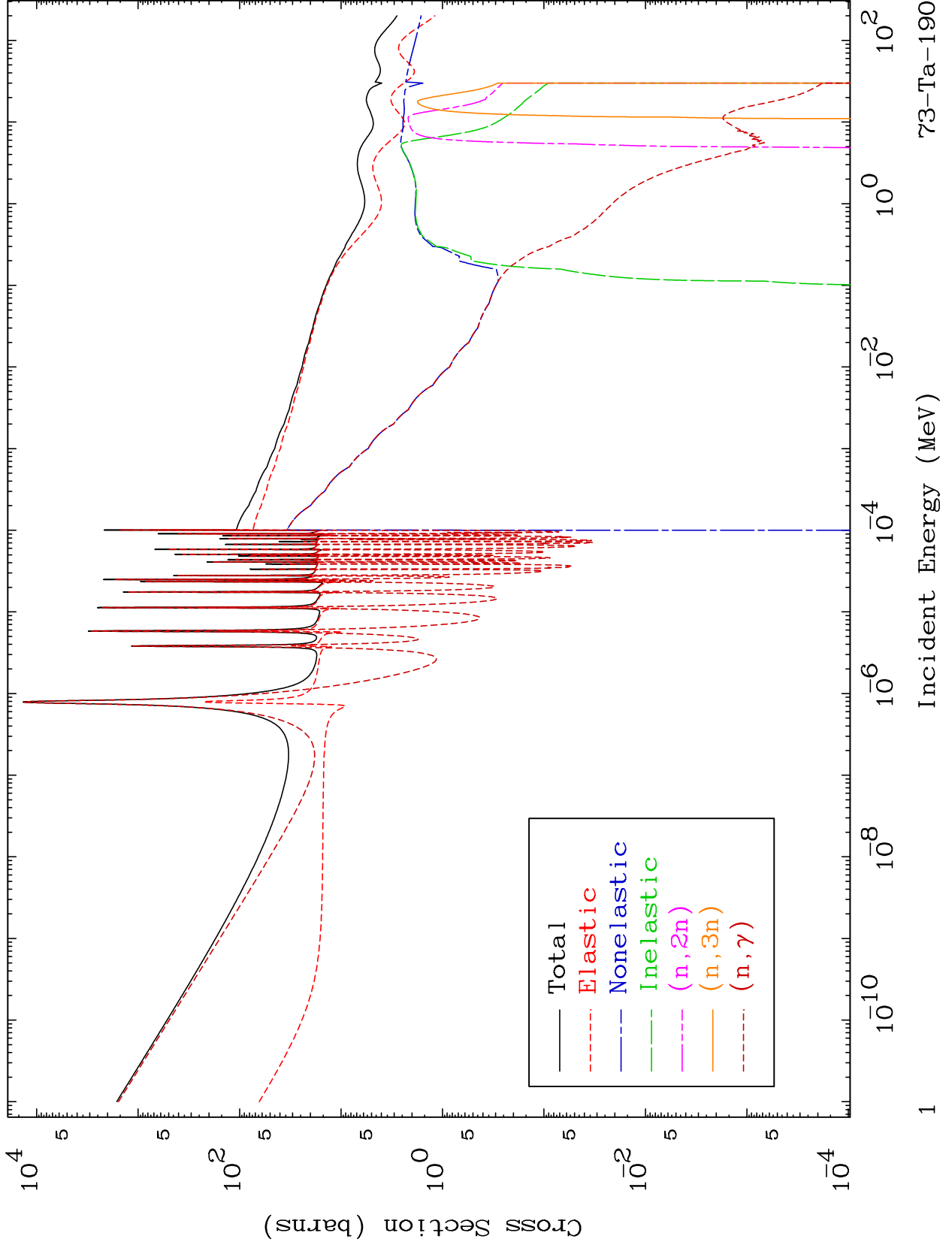
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Press Mouse Button to Start

MAT 7355

Neutron Major
293 Kelvin Cross Sections

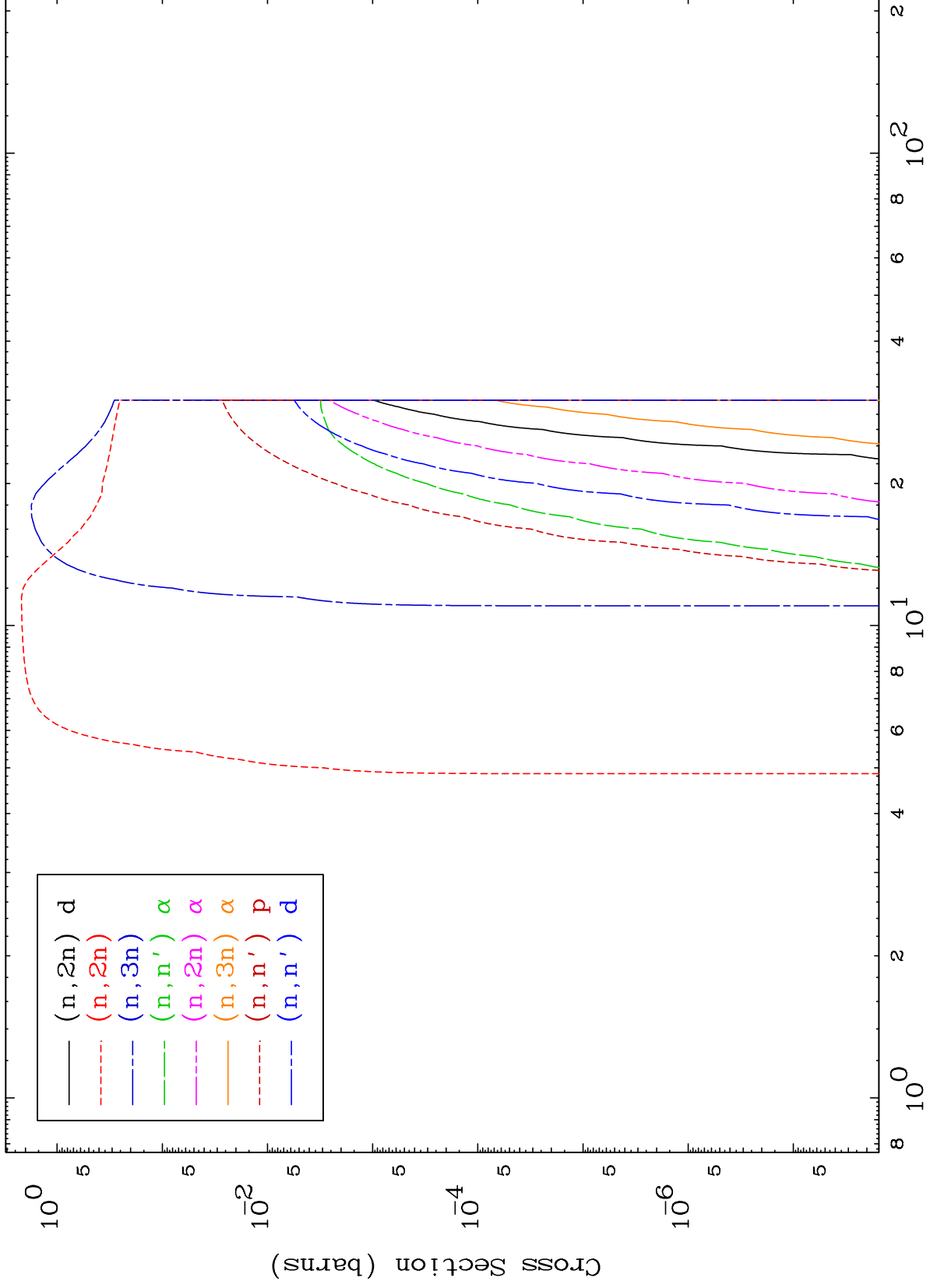
73-Ta-190



MAT 7355

Neutron Absorption
293 Kelvin Cross Sections

73-Ta-190



73-Ta-190

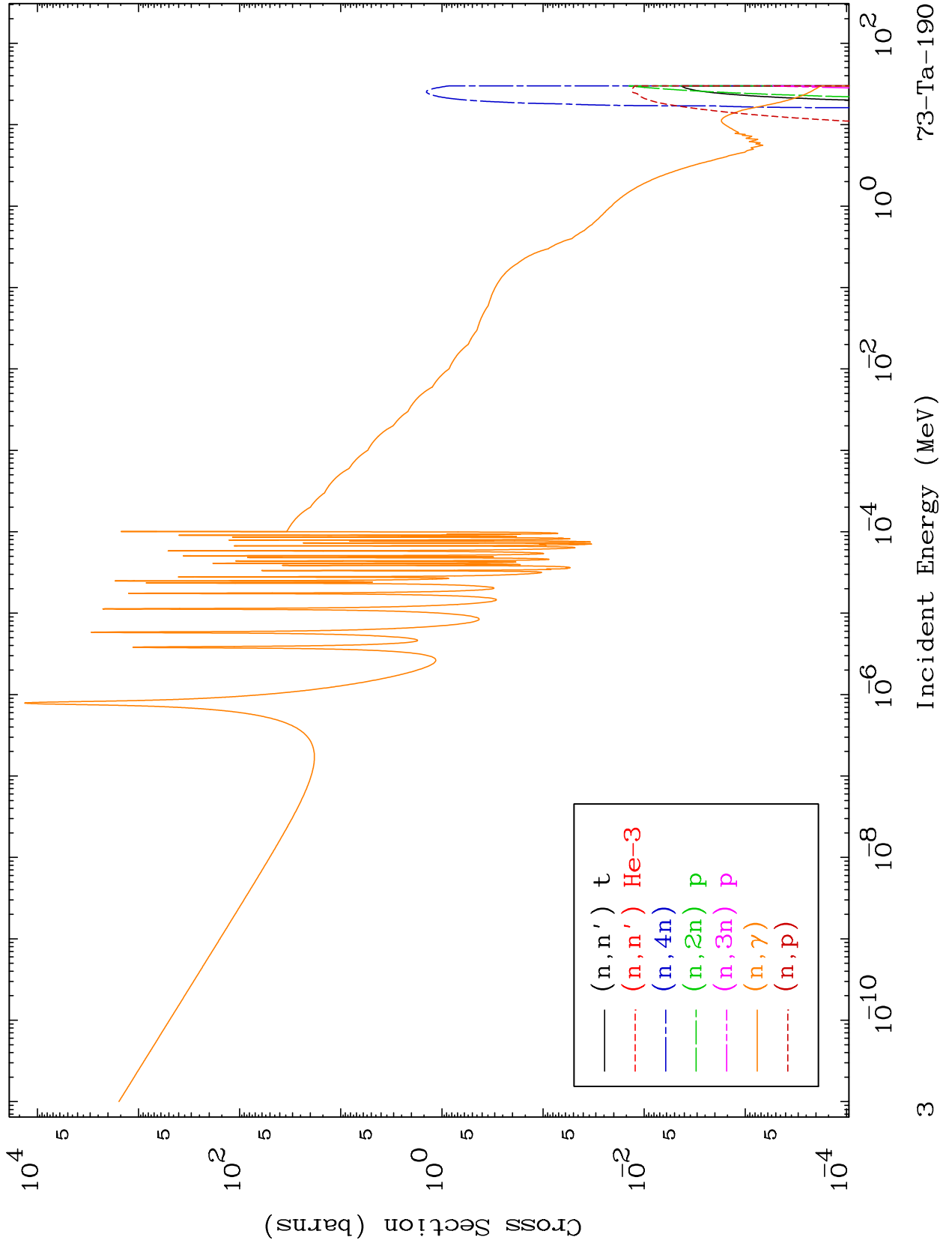
Incident Energy (MeV)

2

MAT 7355

Neutron Absorption
293 Kelvin Cross Sections

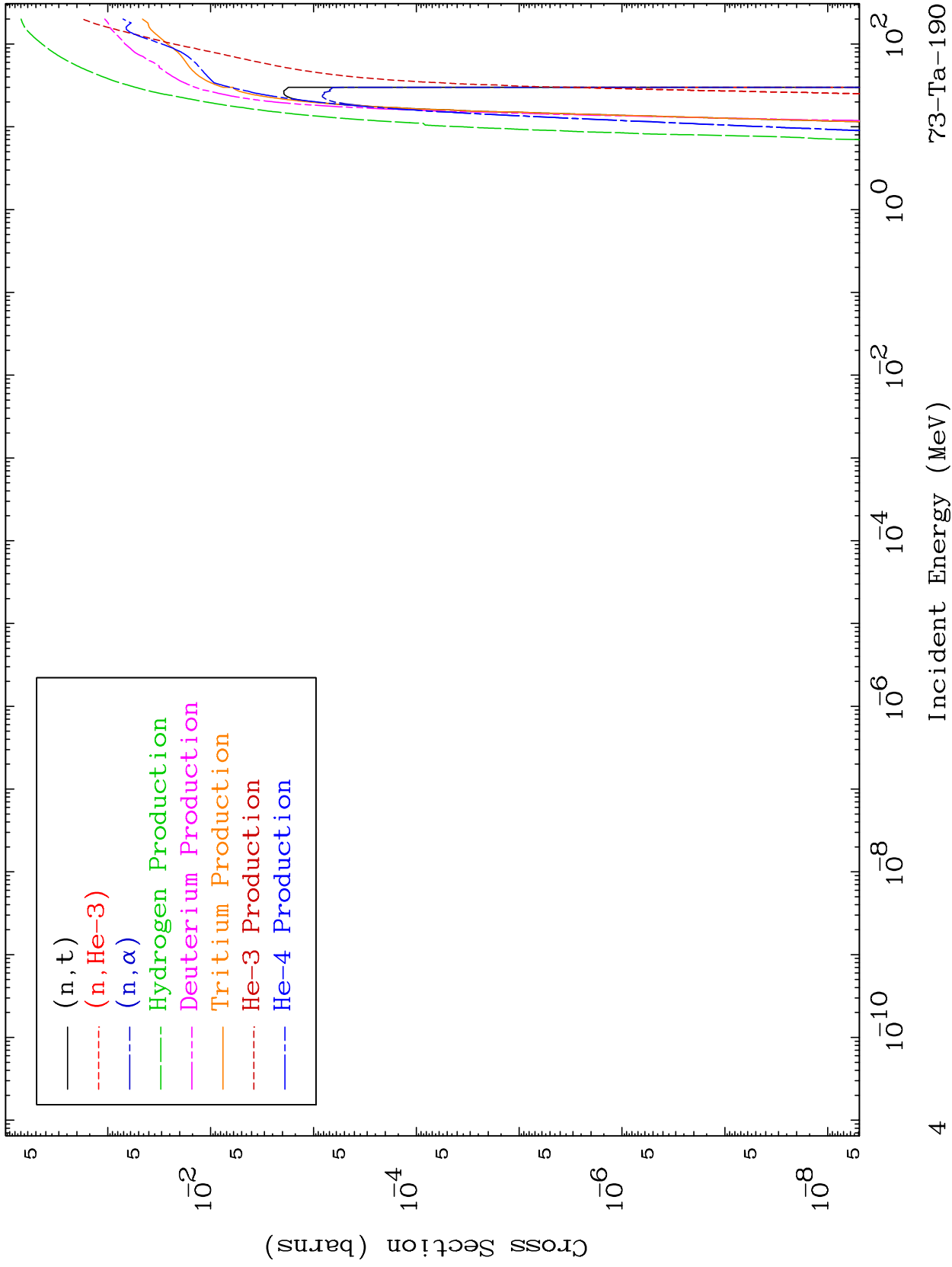
73-Ta-190



MAT 7355

Neutron Absorption
293 Kelvin Cross Sections

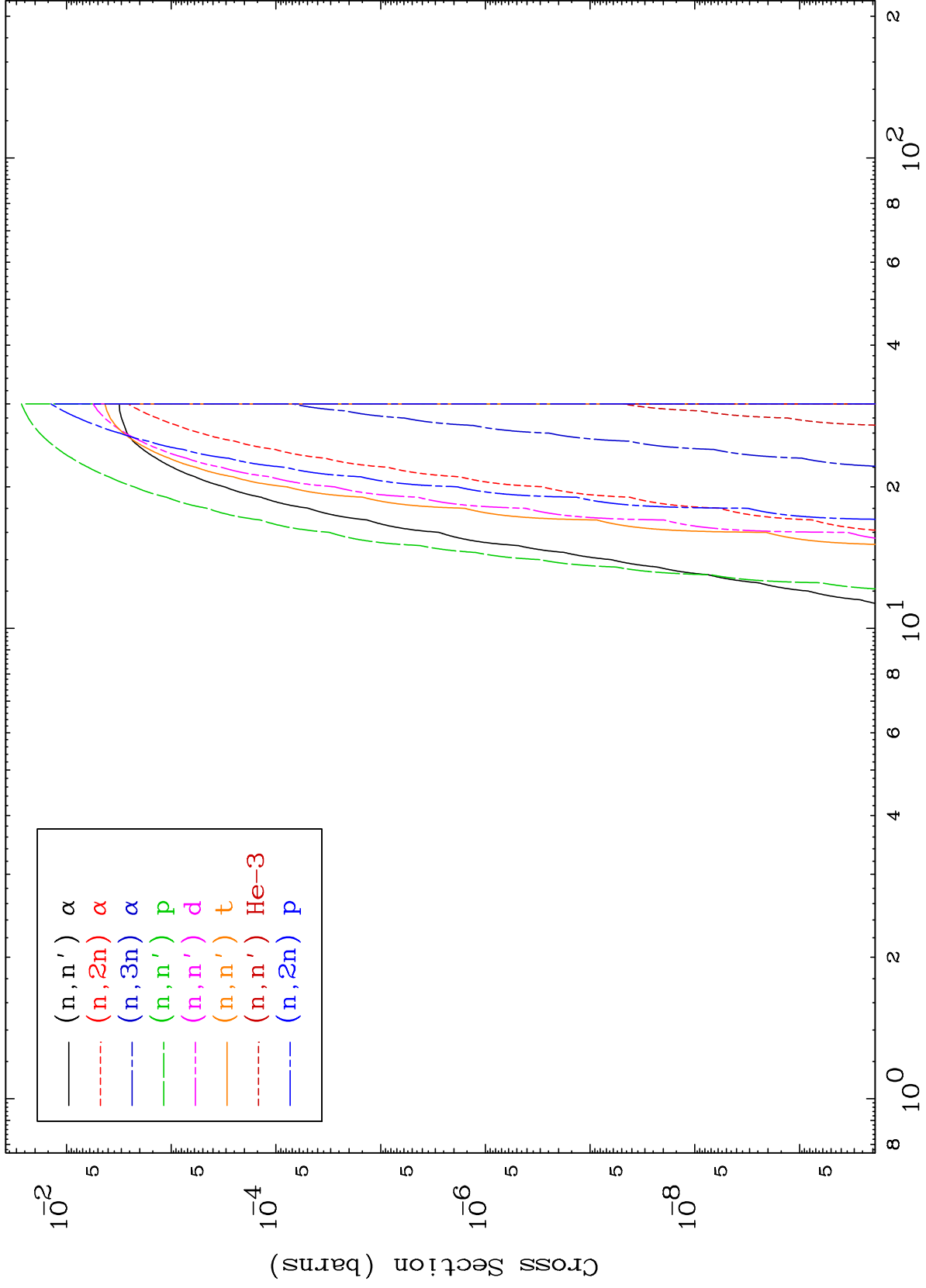
73-Ta-190



MAT 7355

Charged Particle
293 Kelvin Cross Sections

73-Ta-190



73-Ta-190

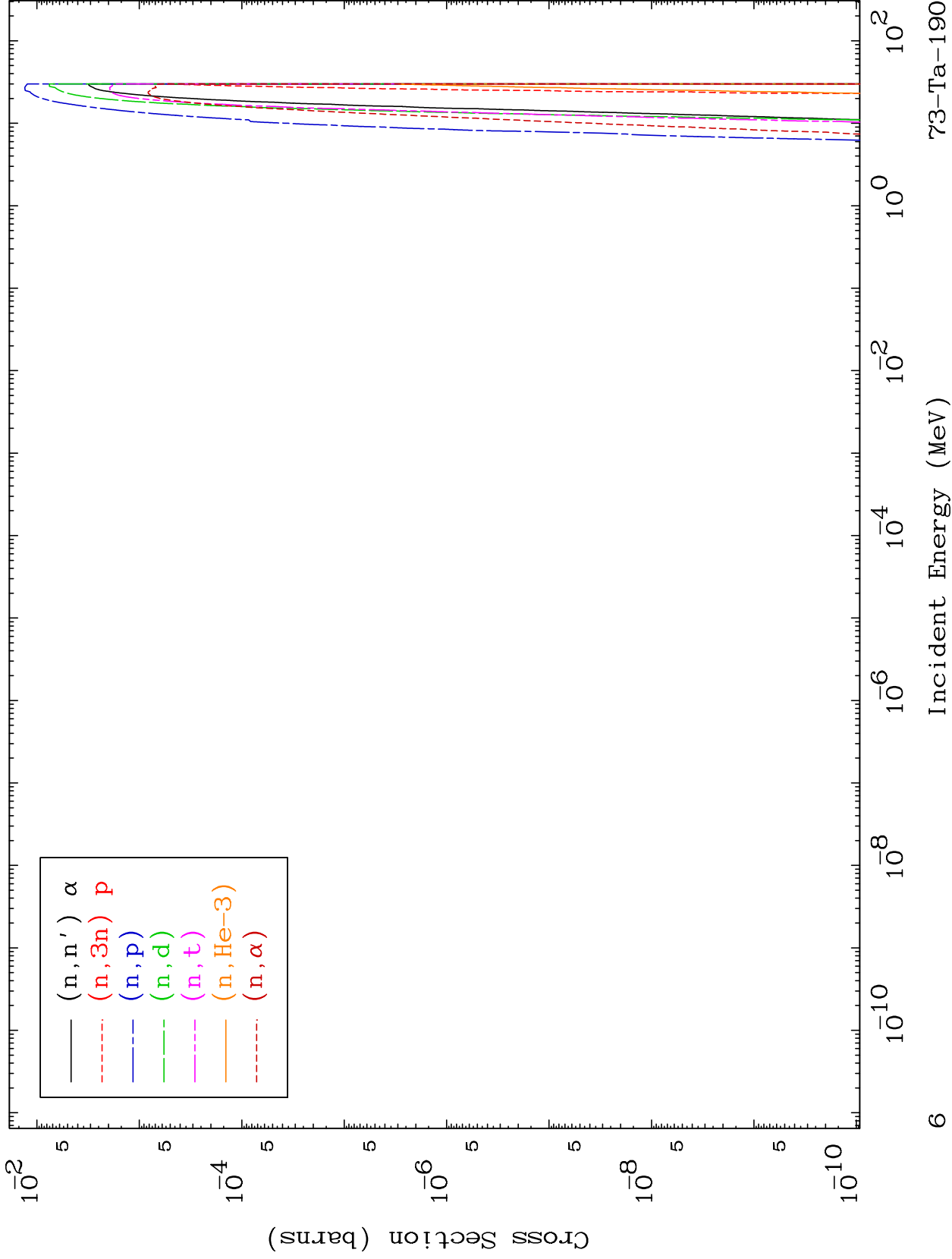
Incident Energy (MeV)

5

MAT 7355

Charged Particle
293 Kelvin Cross Sections

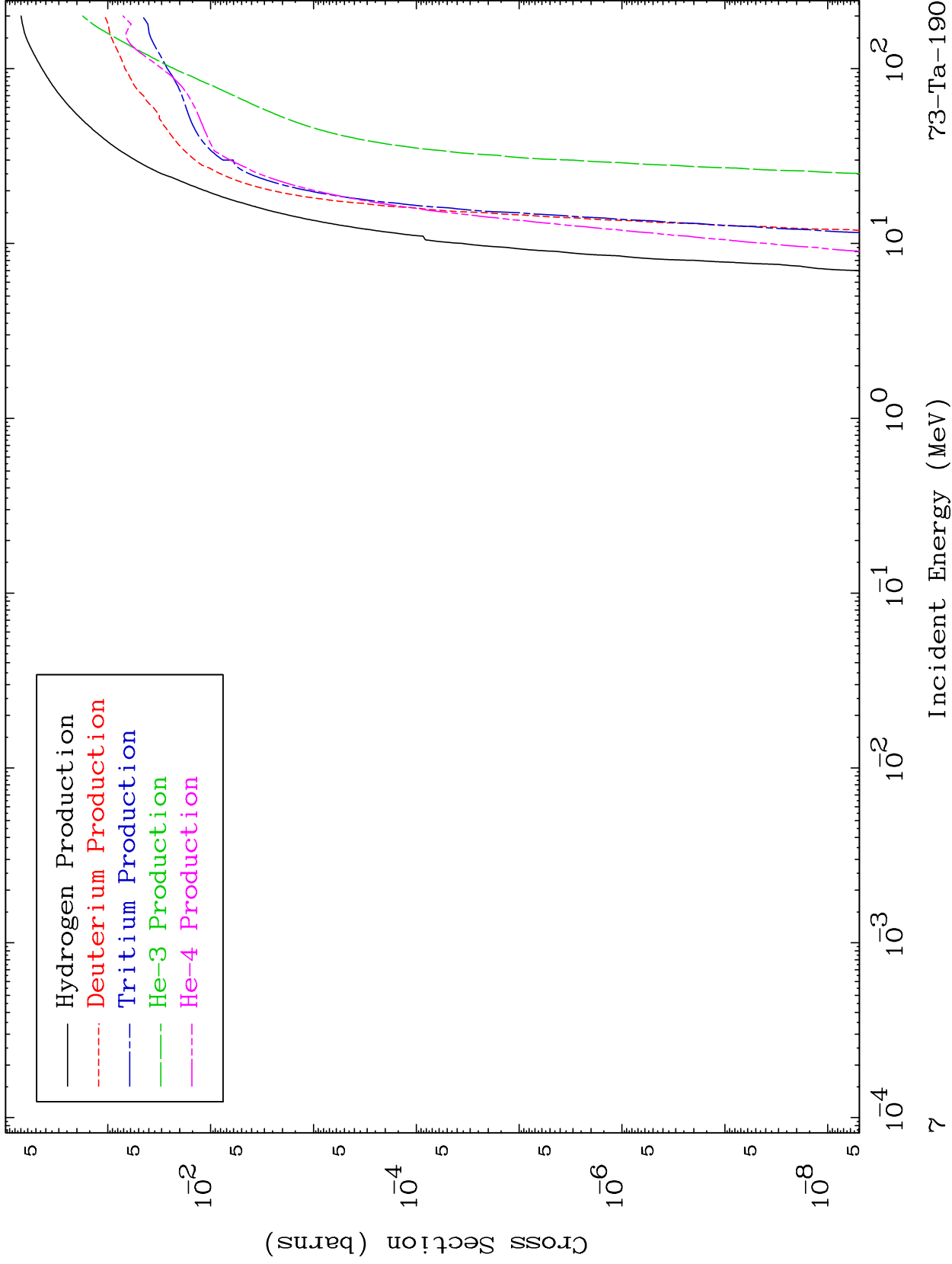
73-Ta-190



MAT 7355

Particle Production
293 Kelvin Cross Sections

73-Ta-190

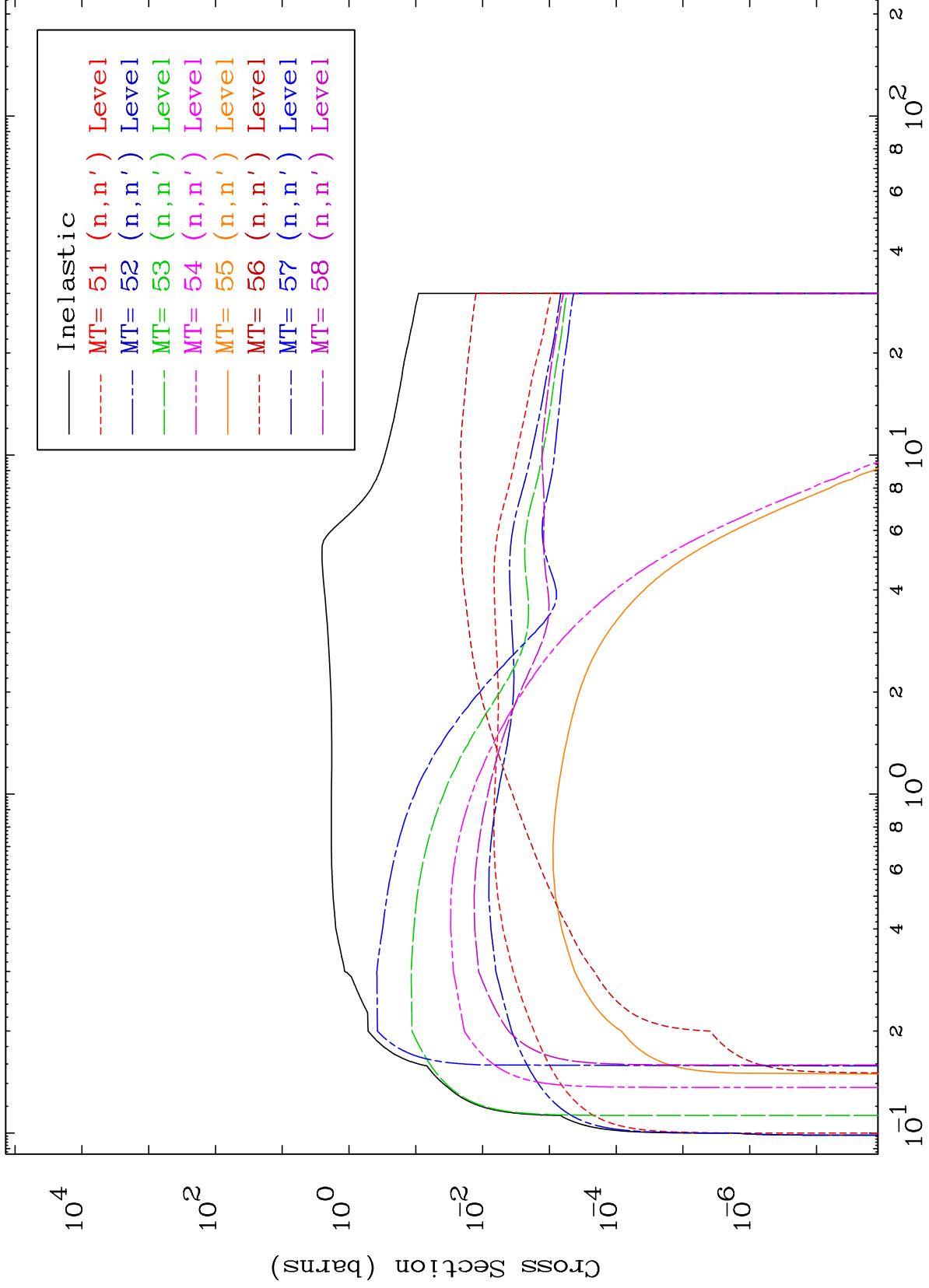


MAT 7355

(n,n') Levels

73-Ta-190

293 Kelvin Cross Sections



Incident Energy (MeV)

73-Ta-190

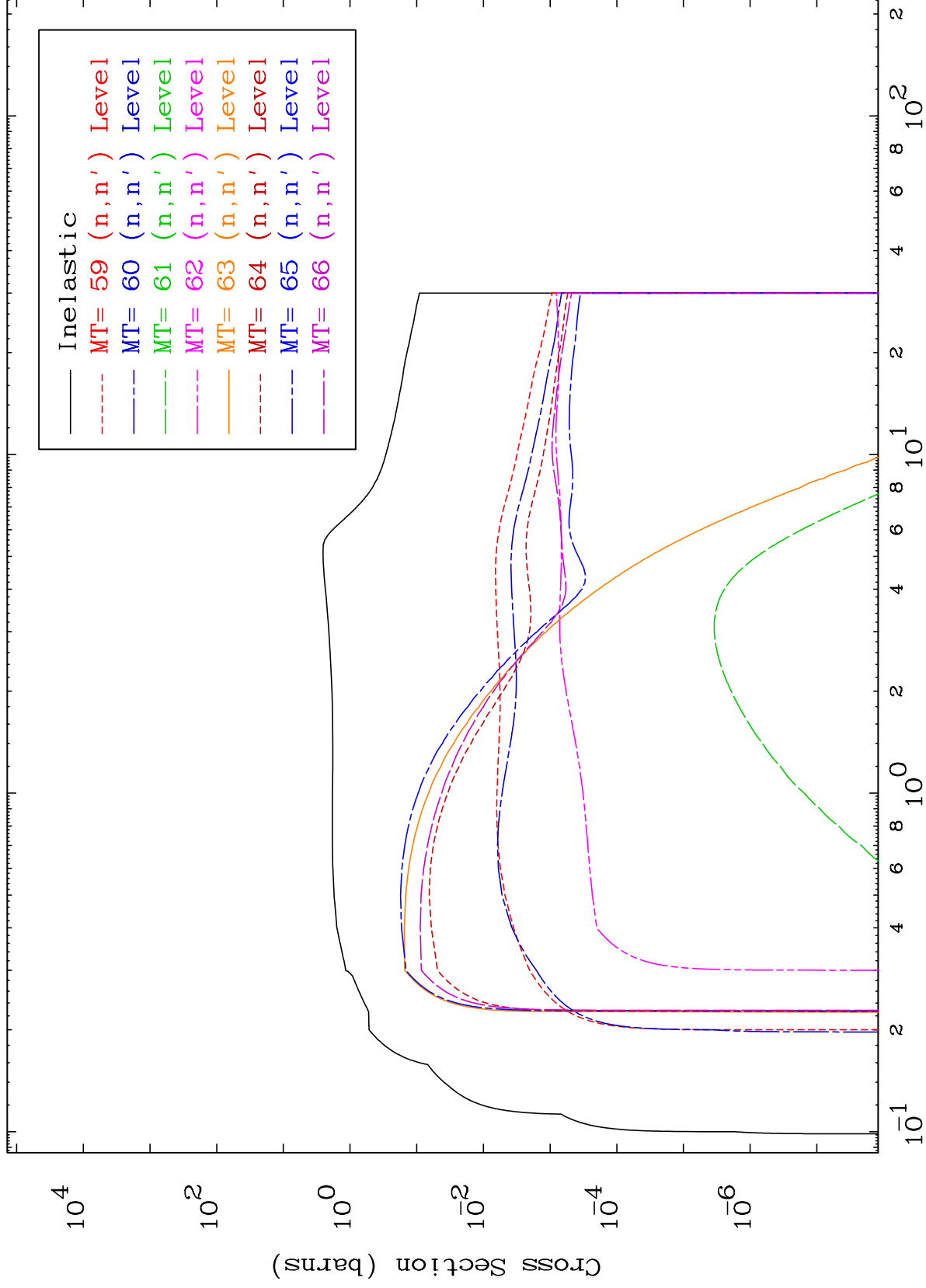
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MAT 7355

(n,n') Levels

293 Kelvin Cross Sections

73-Ta-190



9

Incident Energy (MeV)

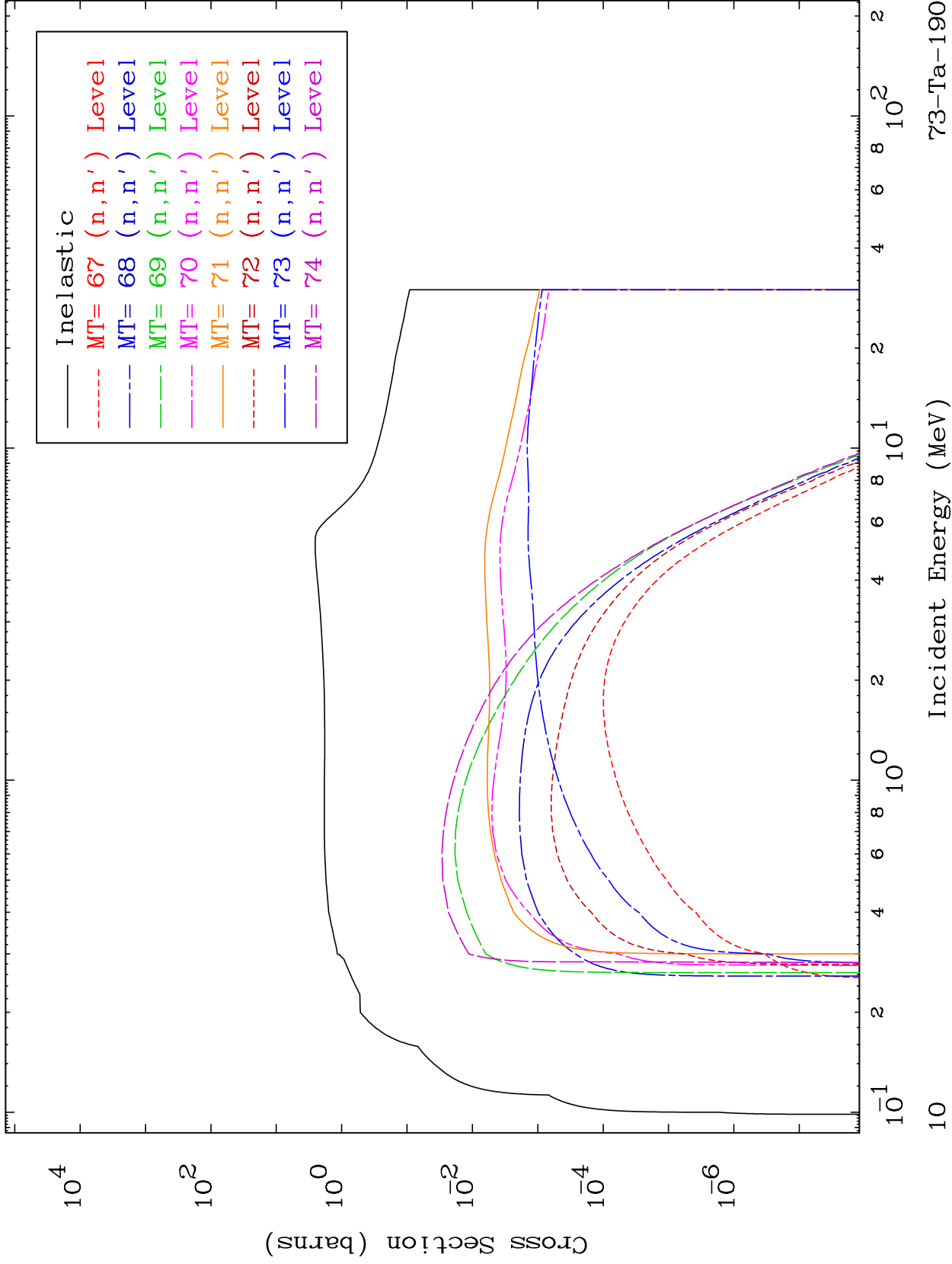
73-Ta-190

MAT 7355

(n,n') Levels

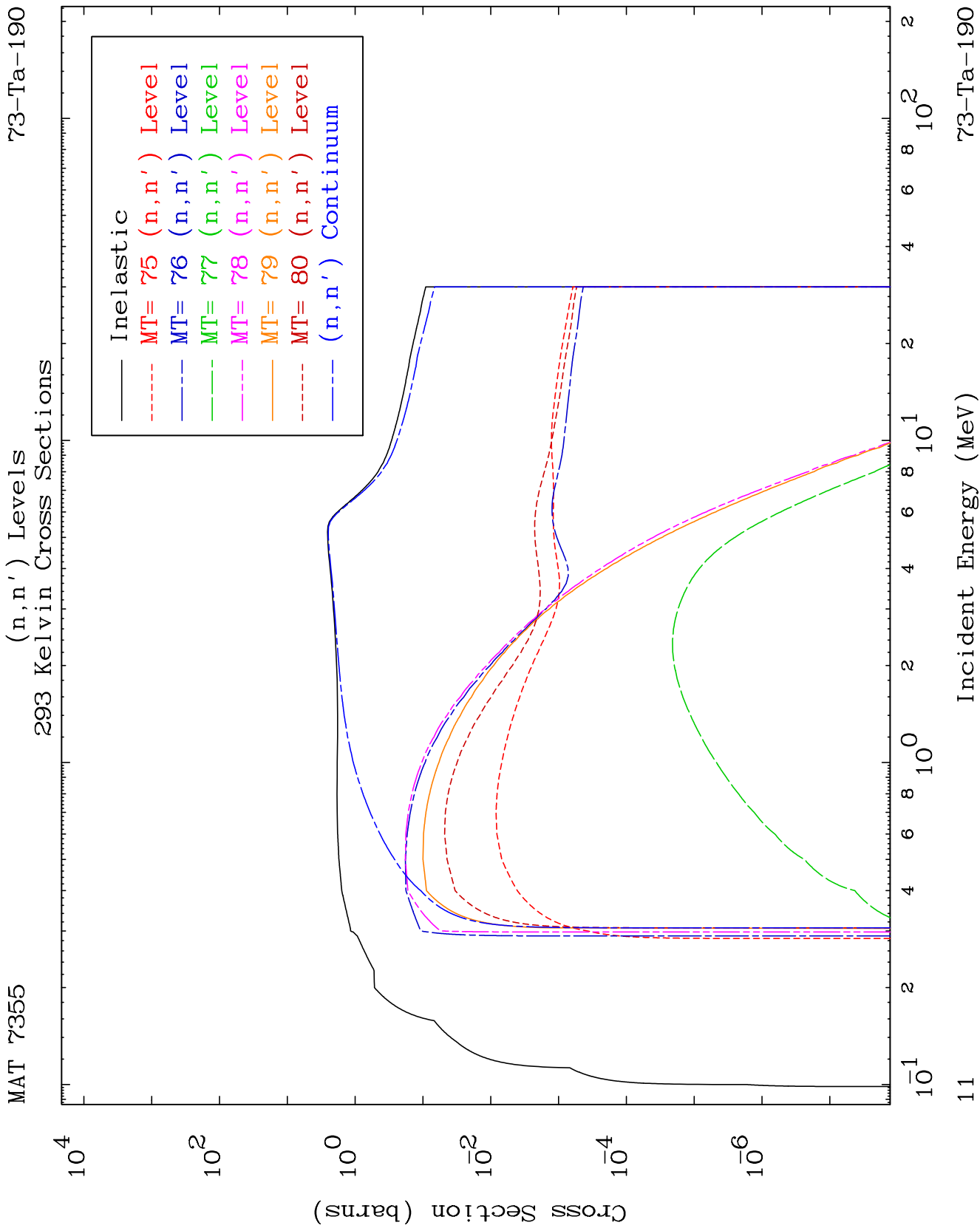
73-Ta-190

293 Kelvin Cross Sections



Incident Energy (MeV)

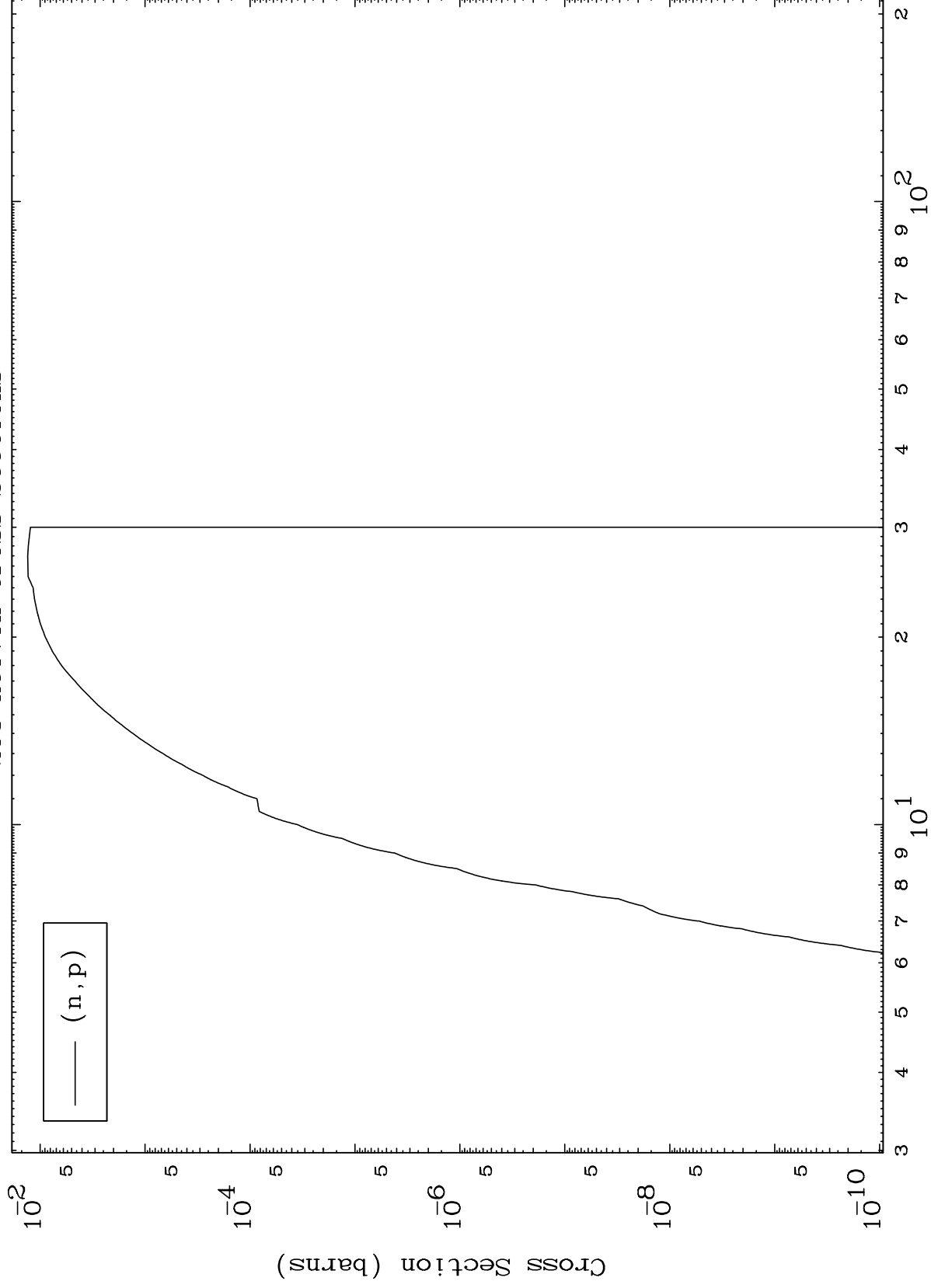
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MAT 7355

(n,p) Levels
293 Kelvin Cross Sections

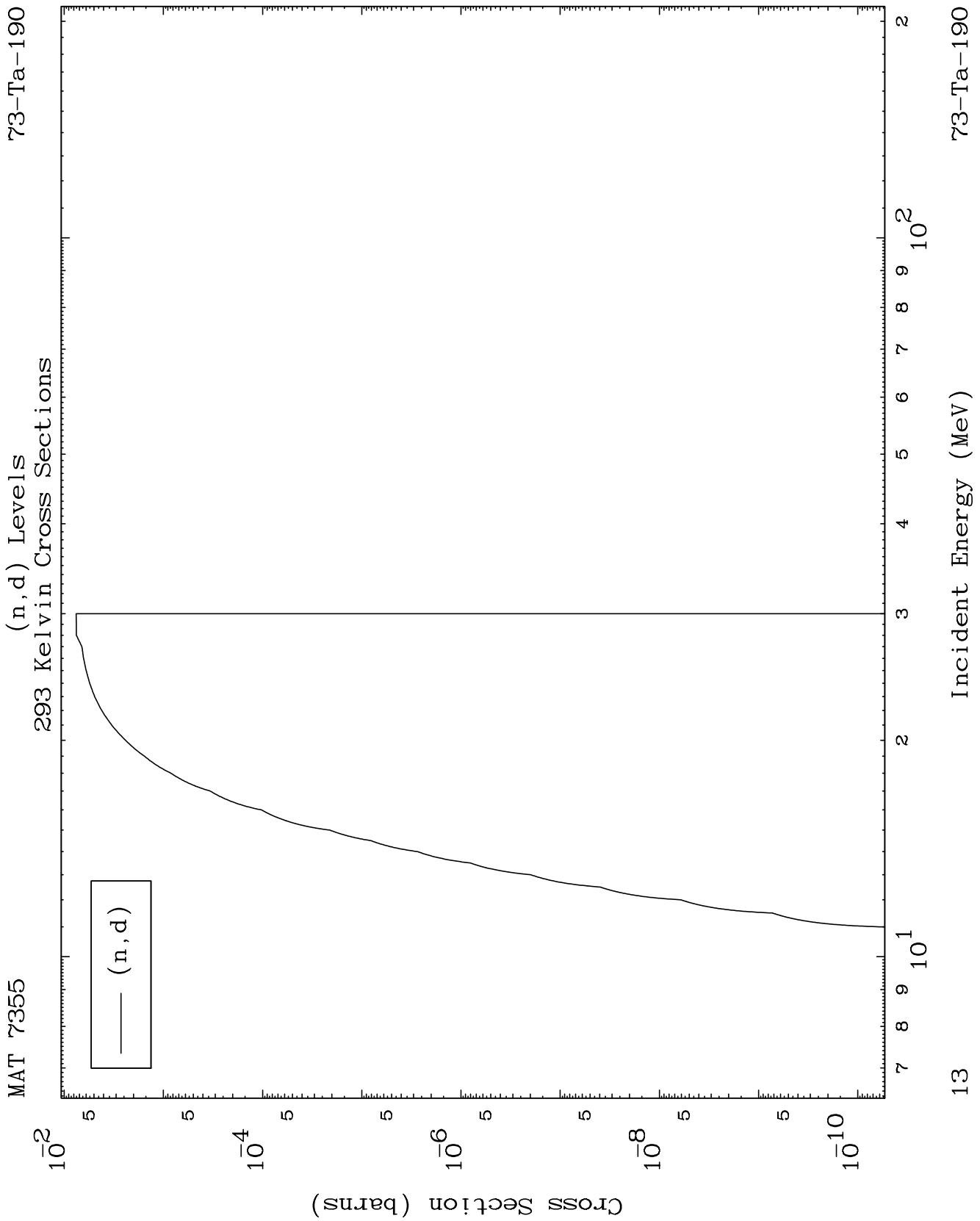
73-Ta-190



12

Incident Energy (MeV)

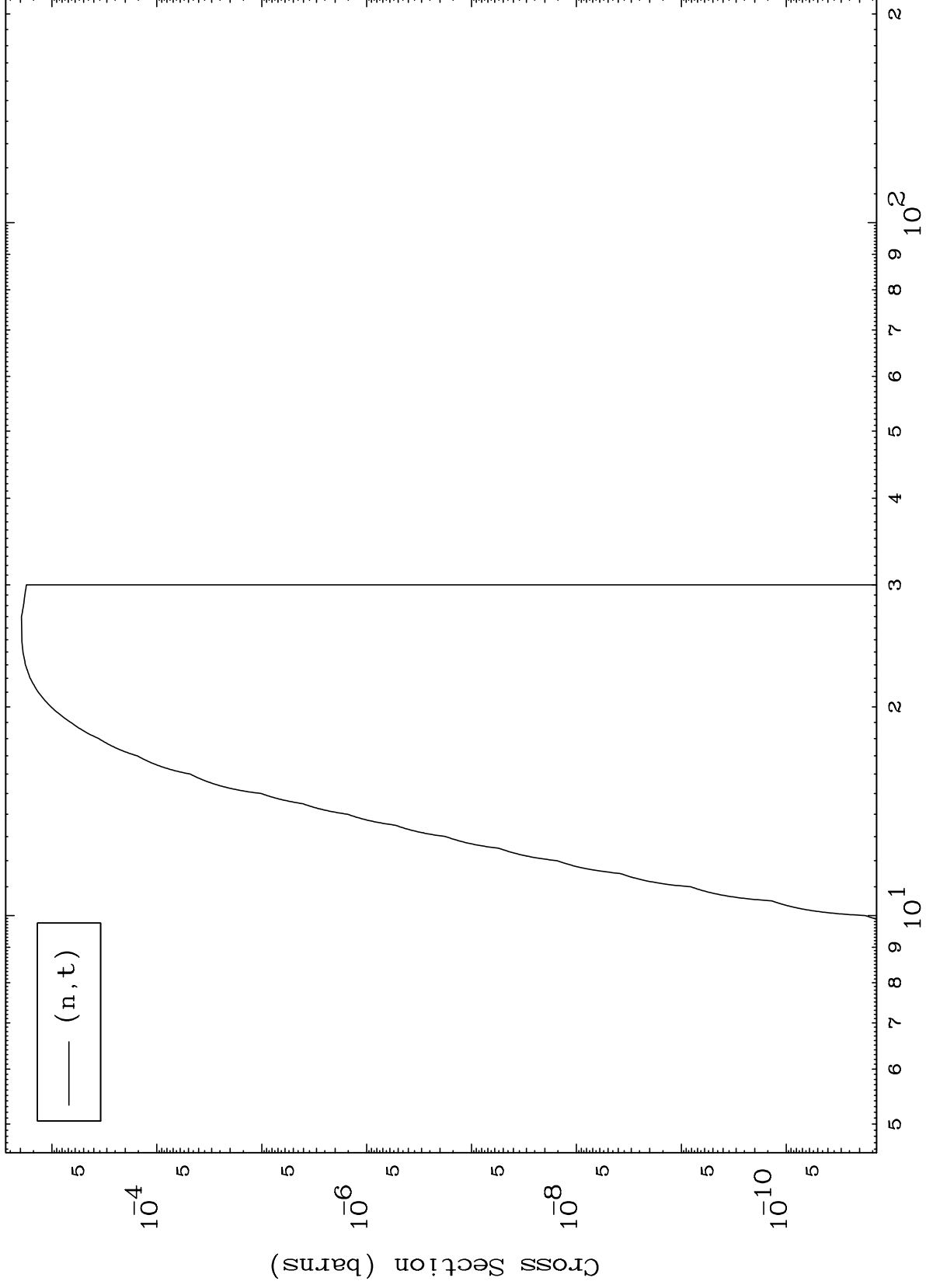
73-Ta-190



MAT 7355

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-190



14

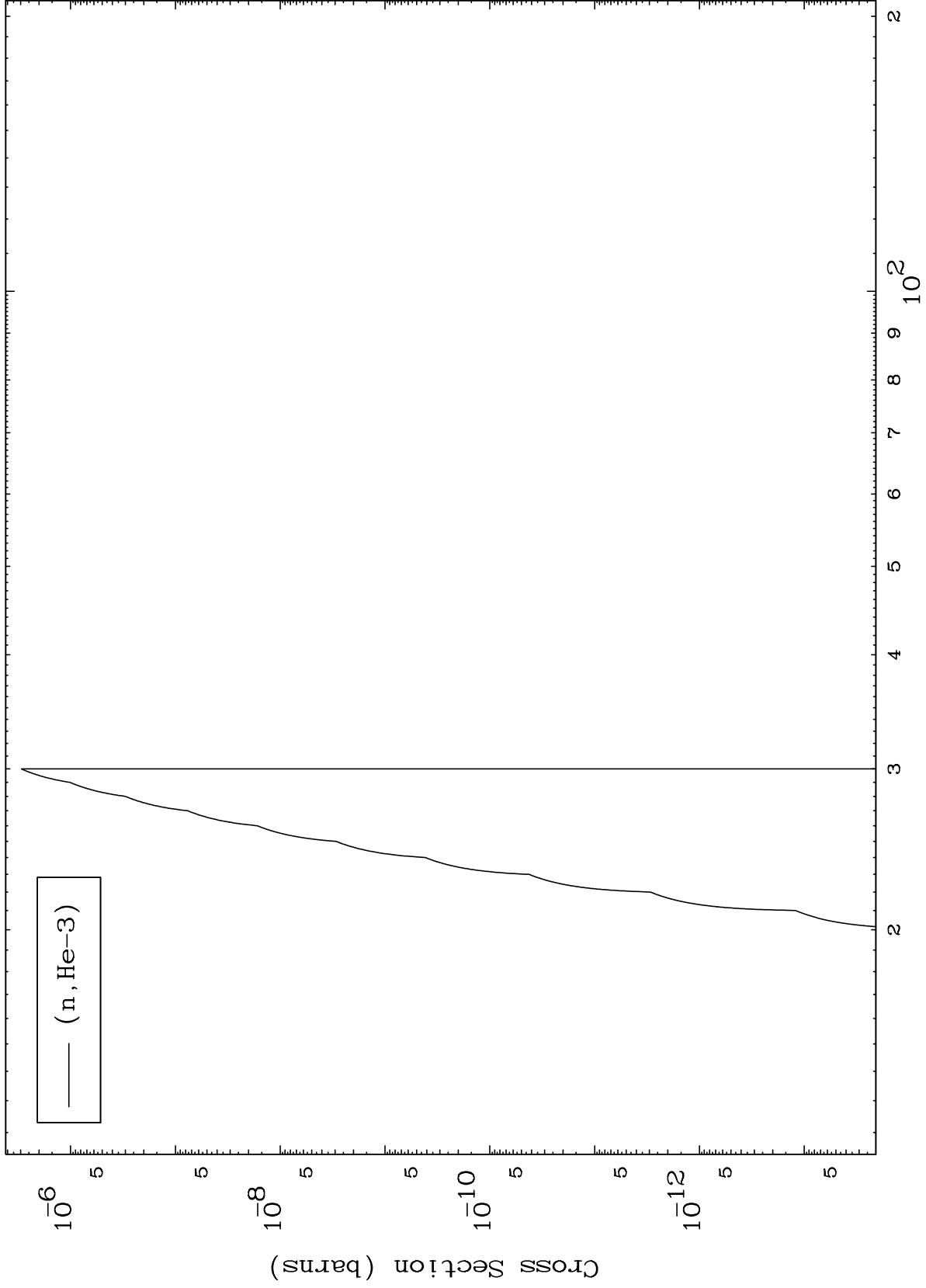
Incident Energy (MeV)

73-Ta-190

MAT 7355

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-190



15

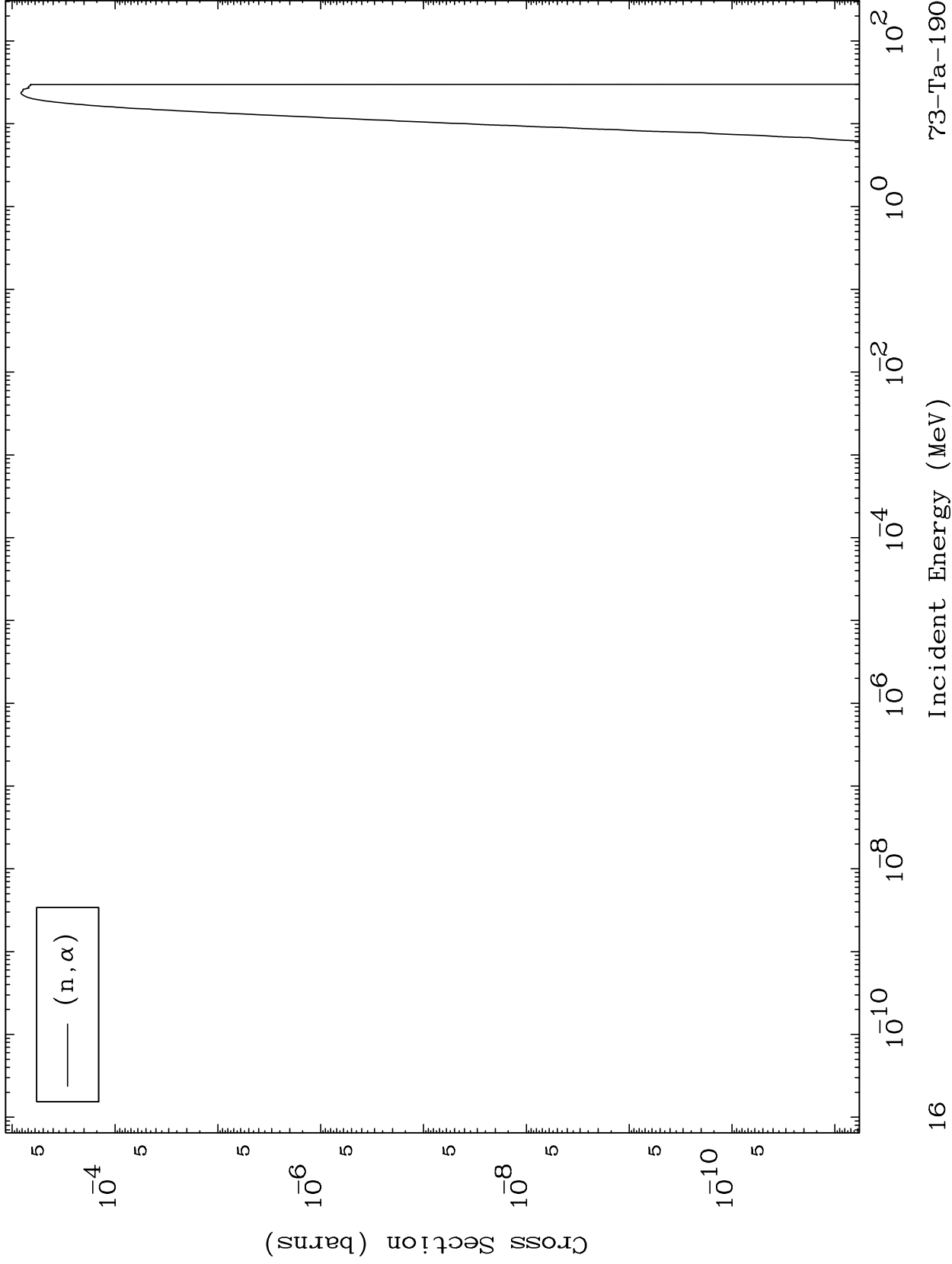
Incident Energy (MeV)

73-Ta-190

MAT 7355

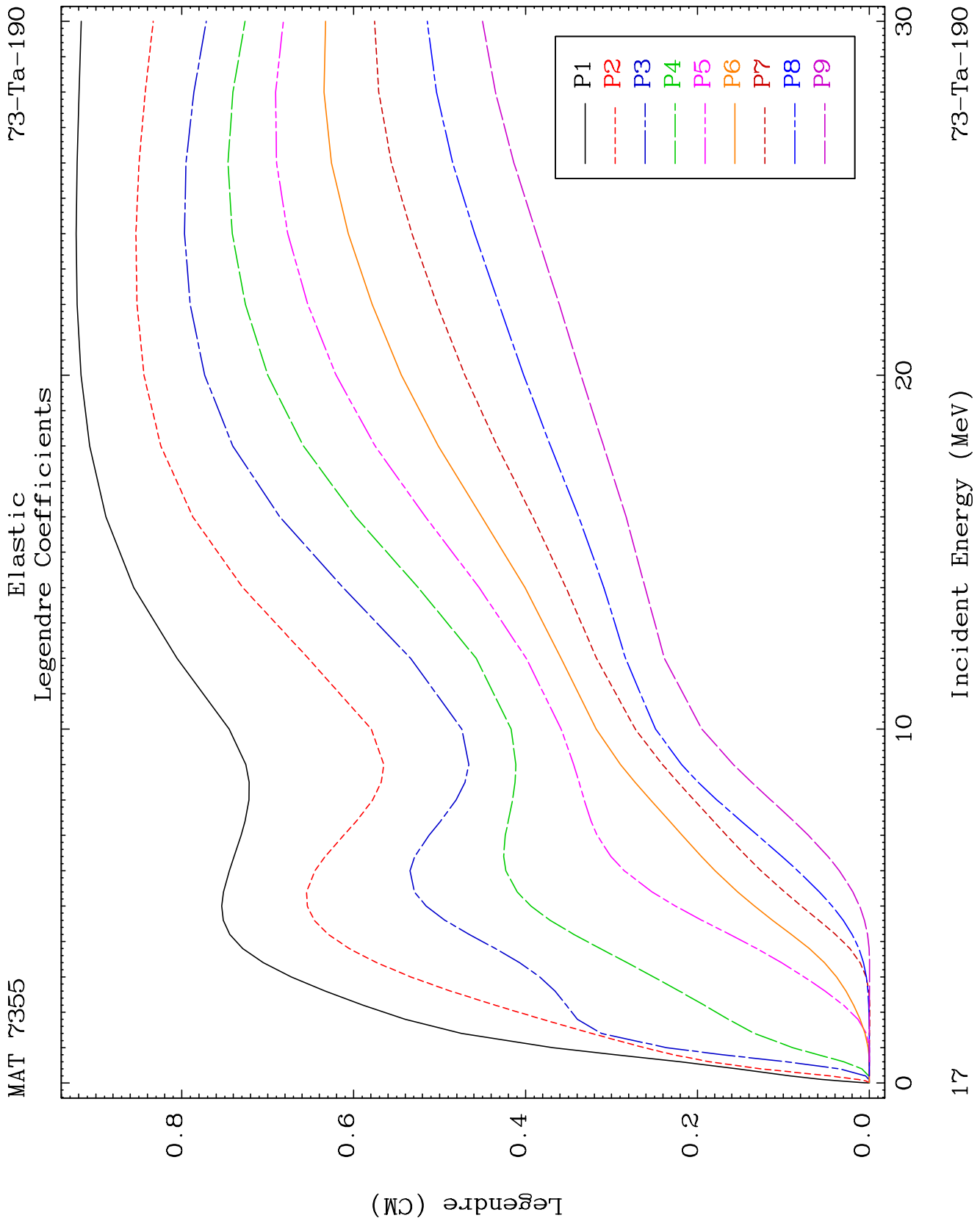
(n, α) Levels
293 Kelvin Cross Sections

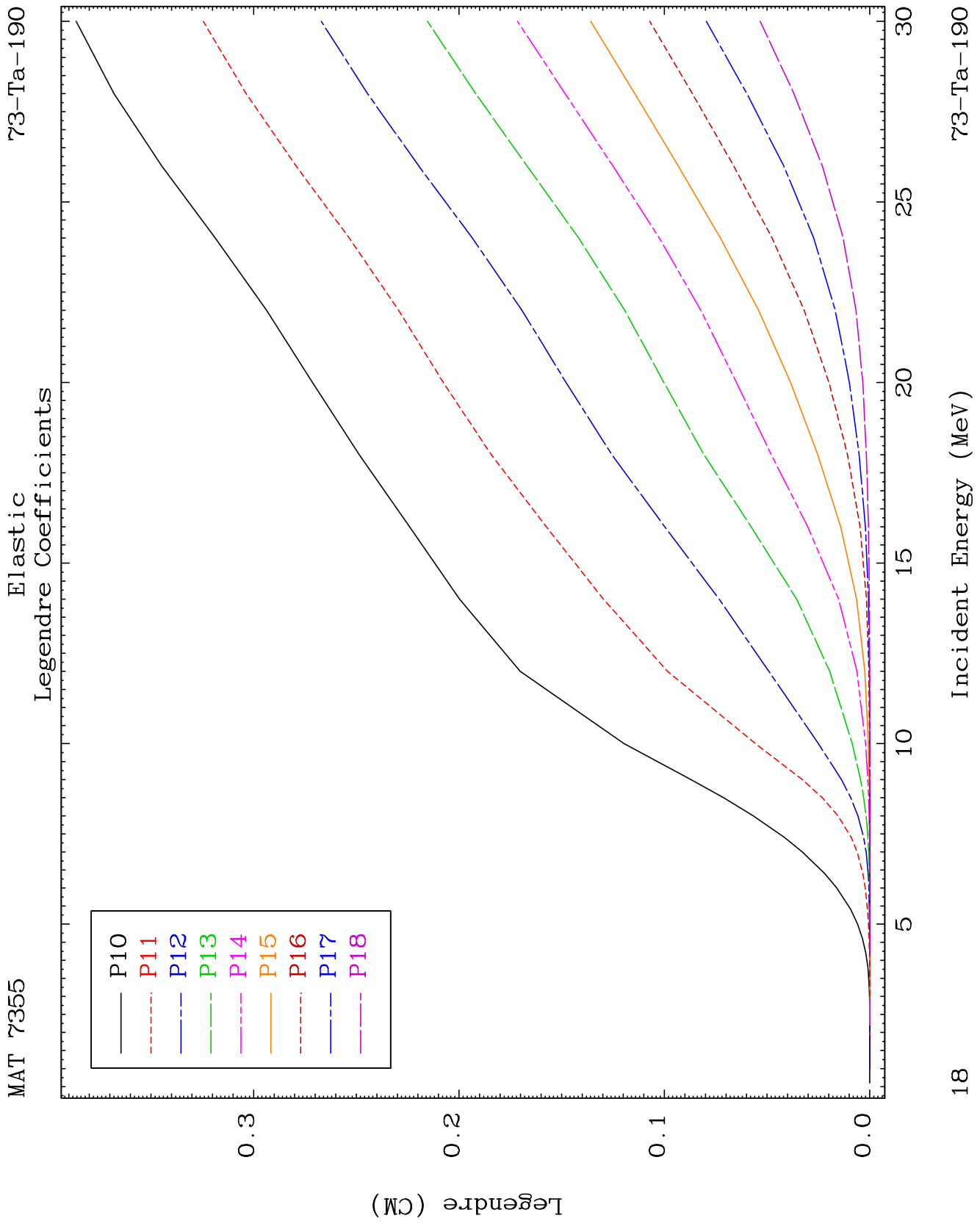
73-Ta-190



16

73-Ta-190

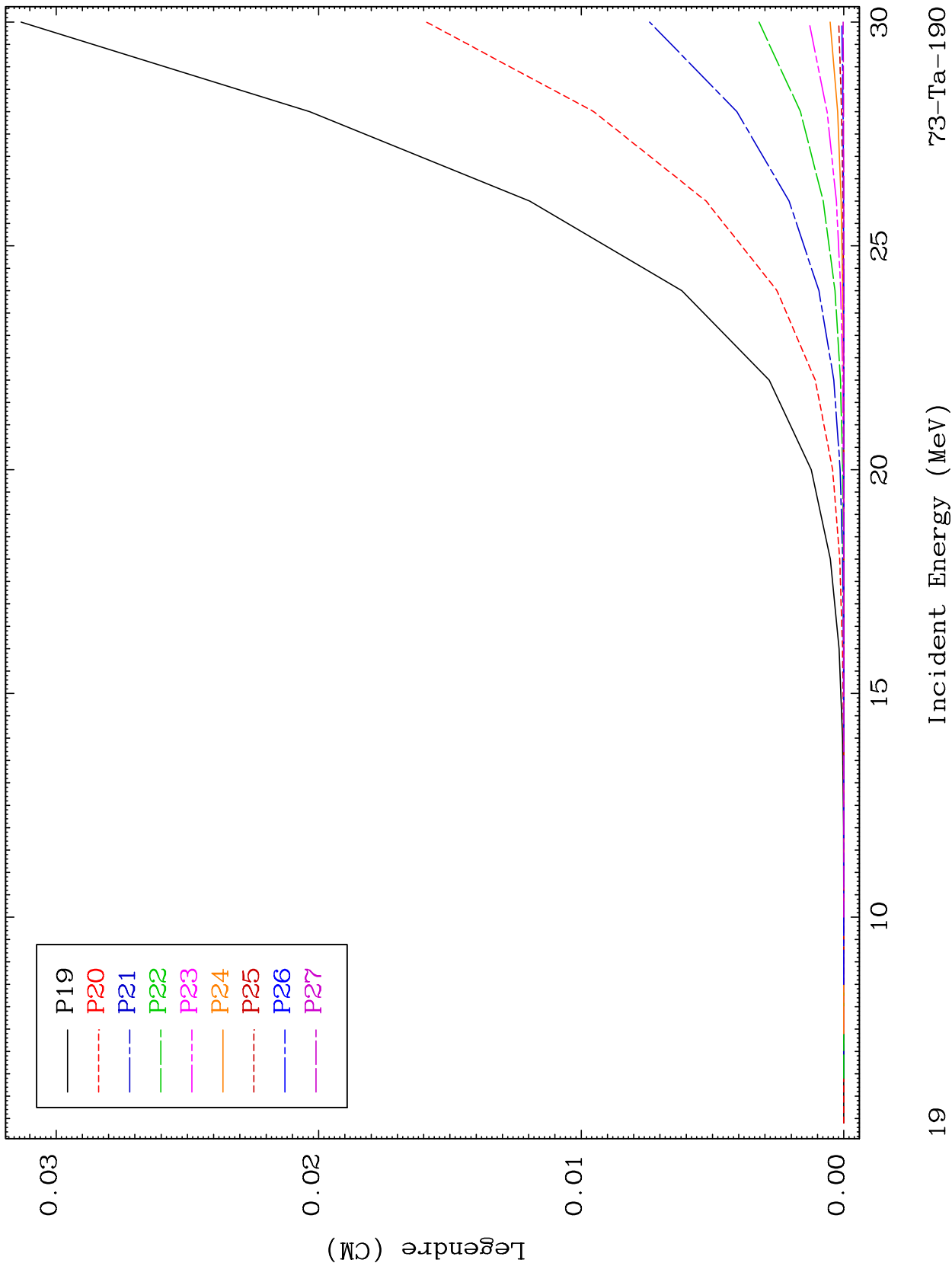




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Elastic Legendre Coefficients

73-Ta-190

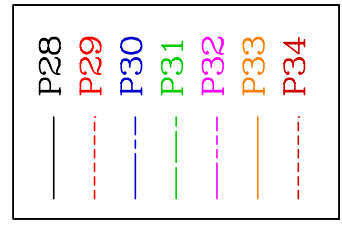


- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

MAT 7355

Elastic Legendre Coefficients

73-Ta-190

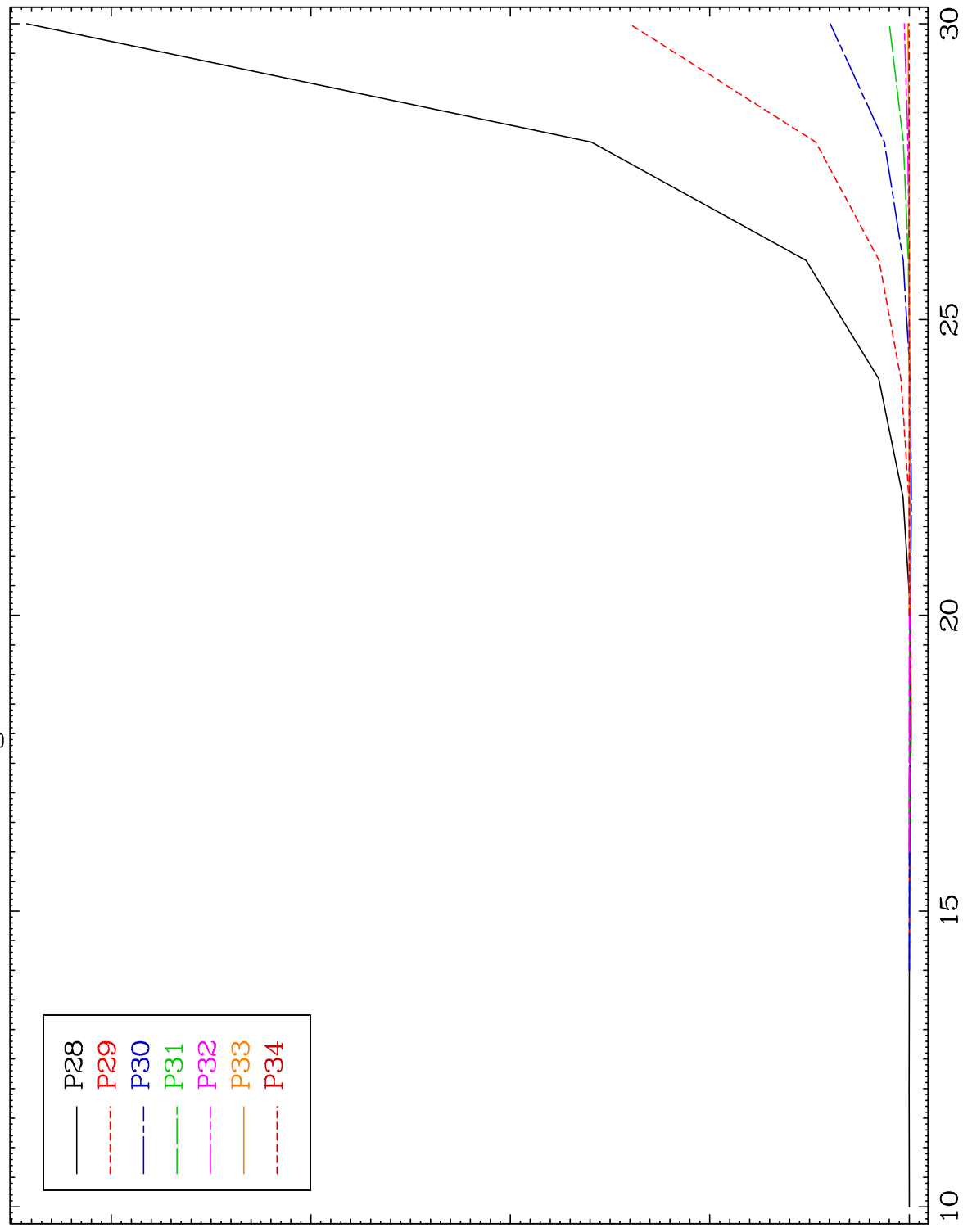


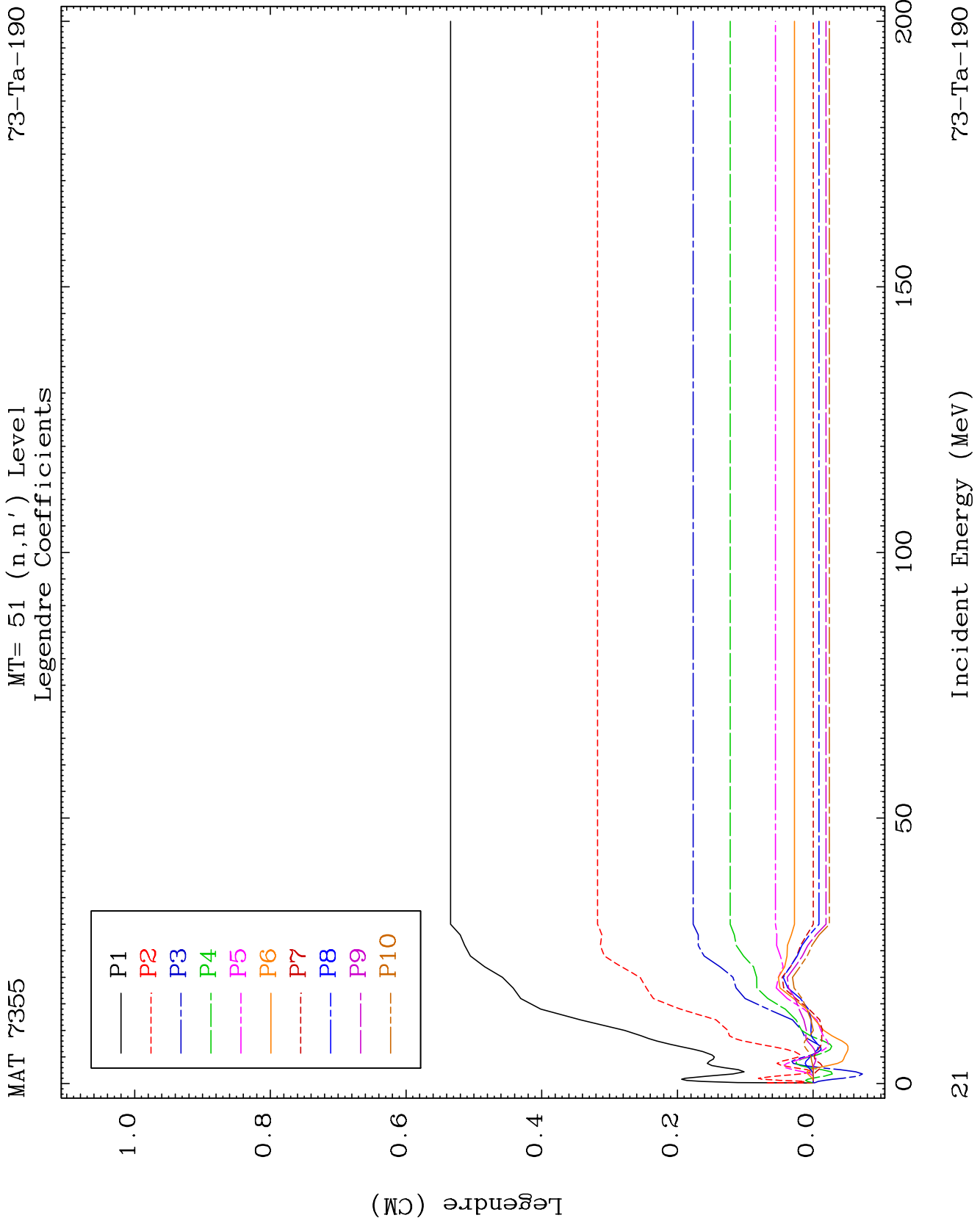
$\times 10^{-6}$

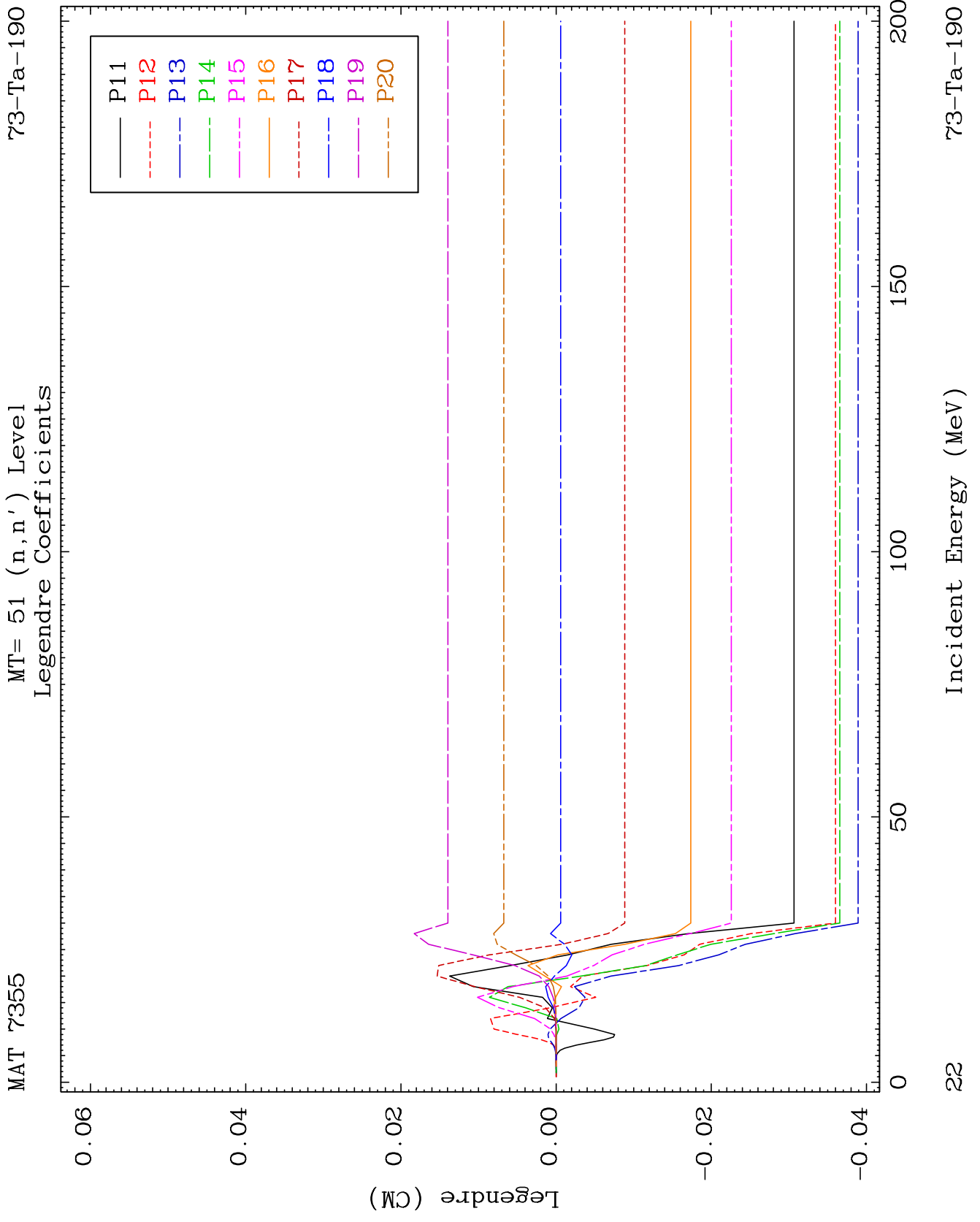
Legendre (CM)

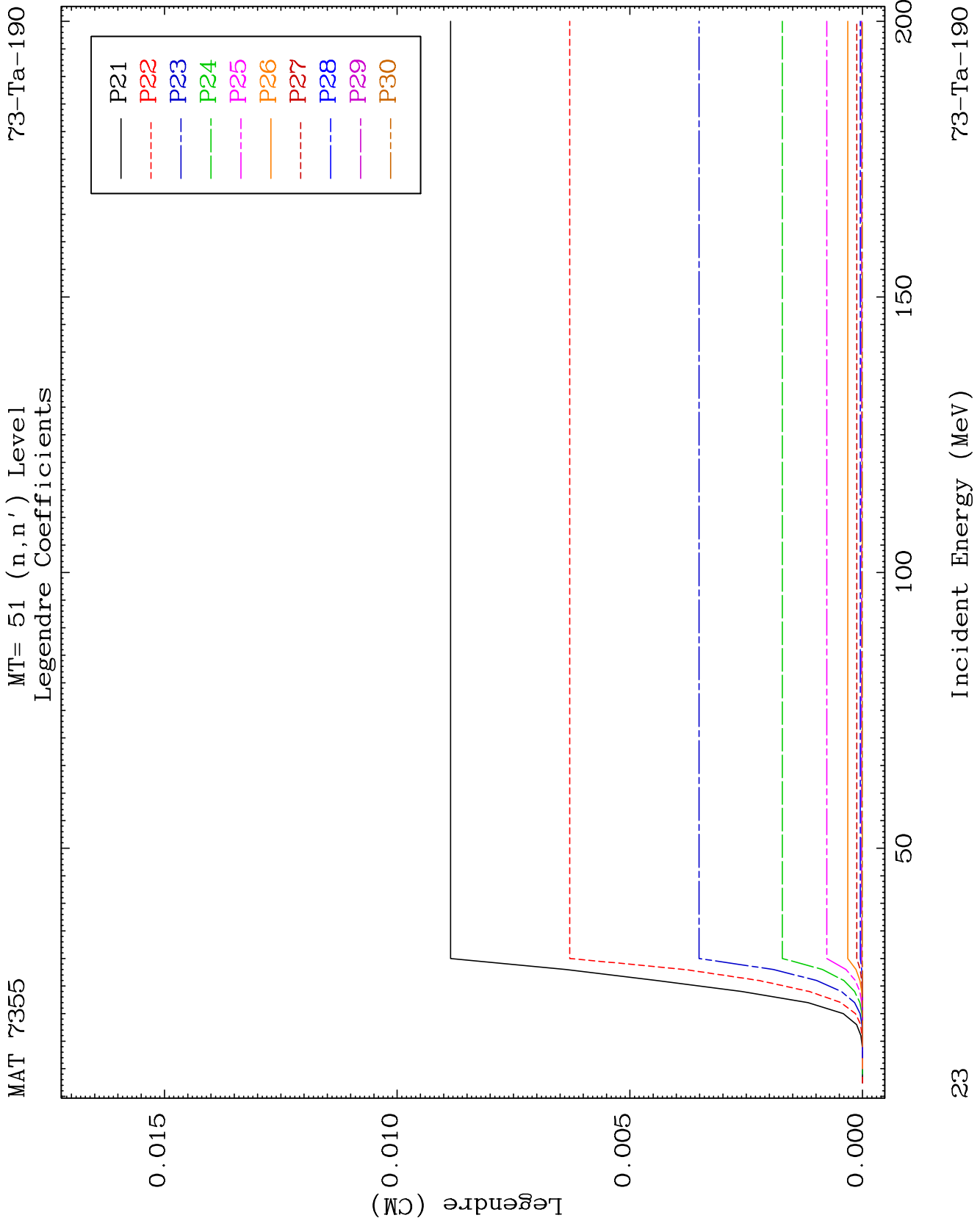
Incident Energy (MeV)

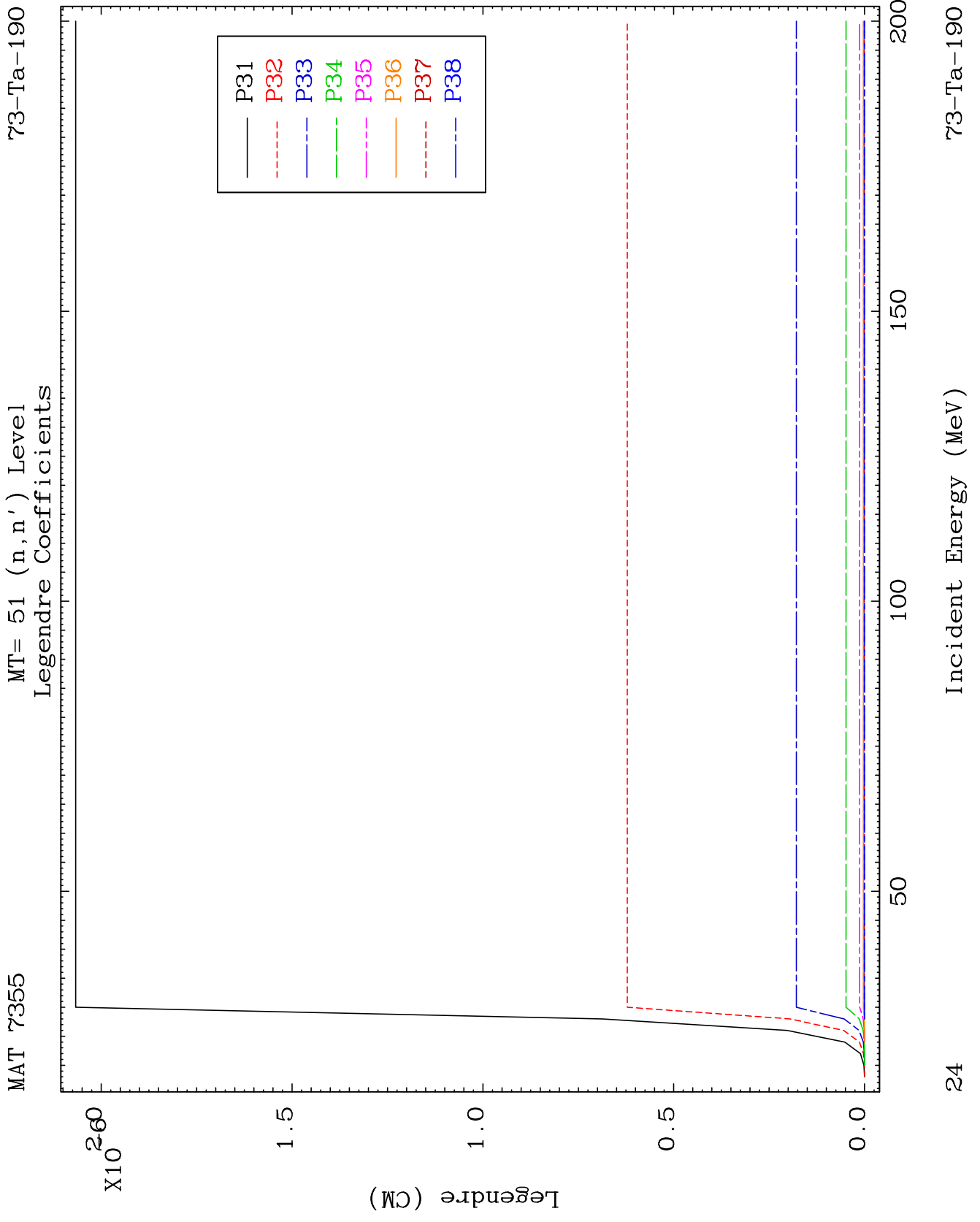
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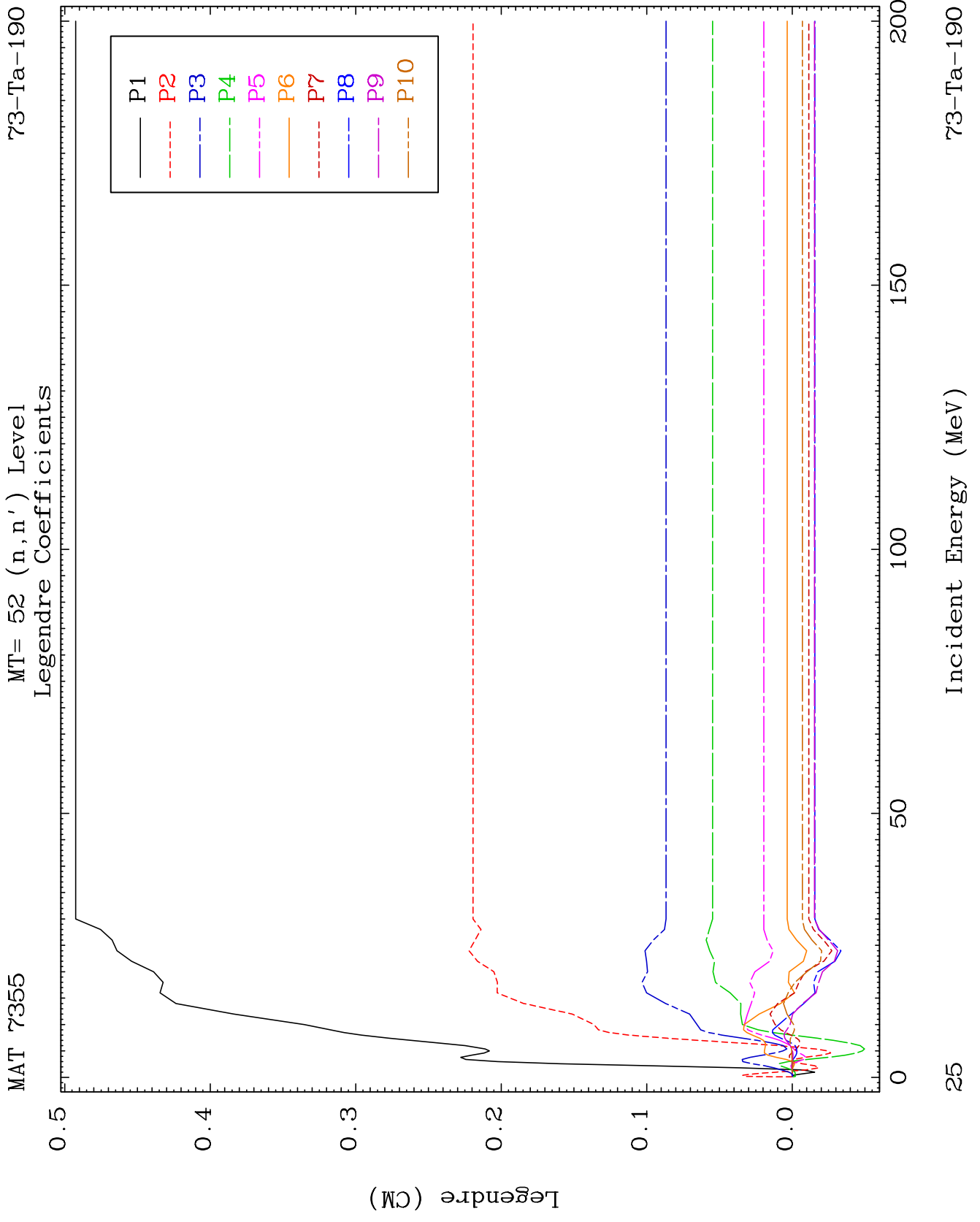


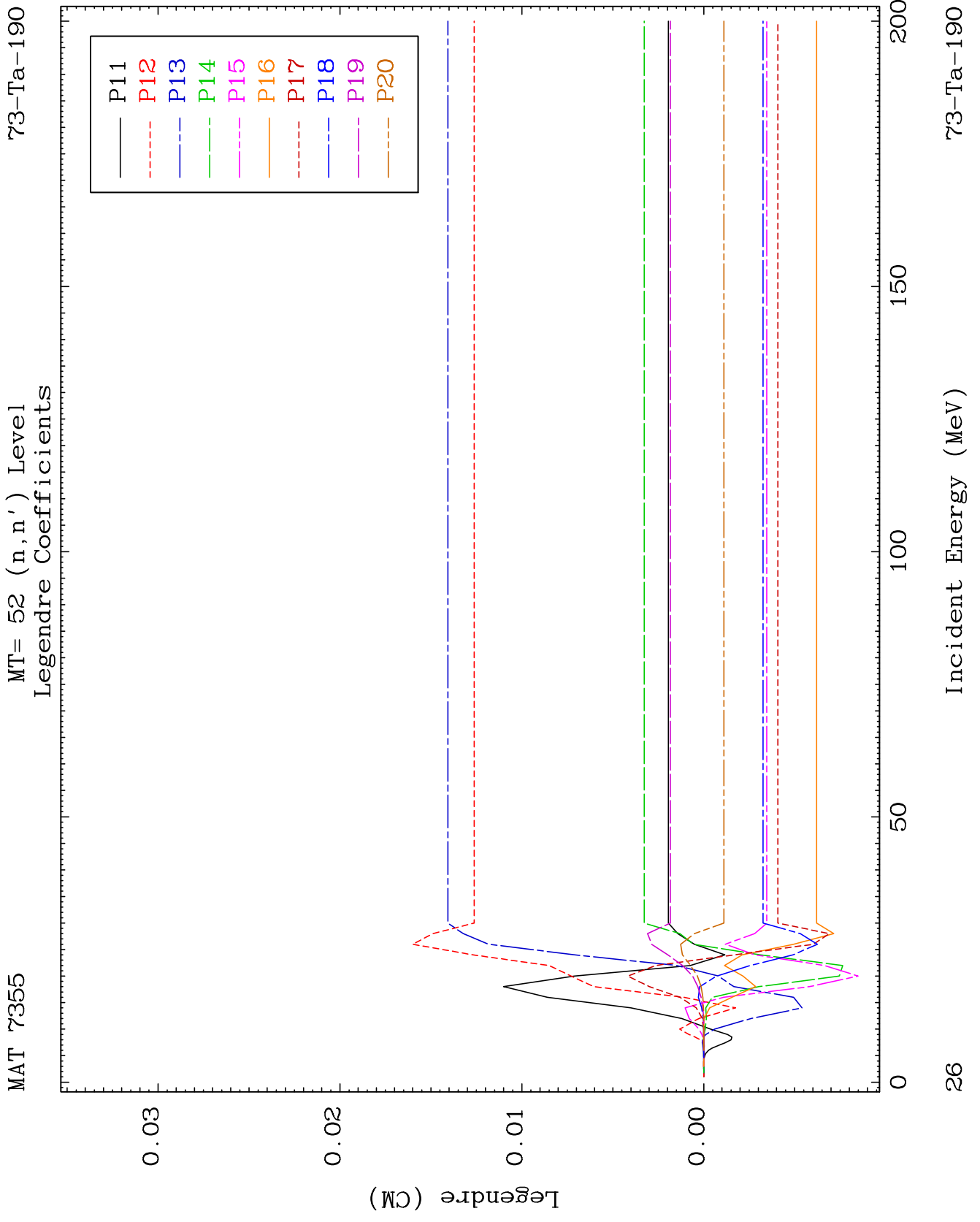








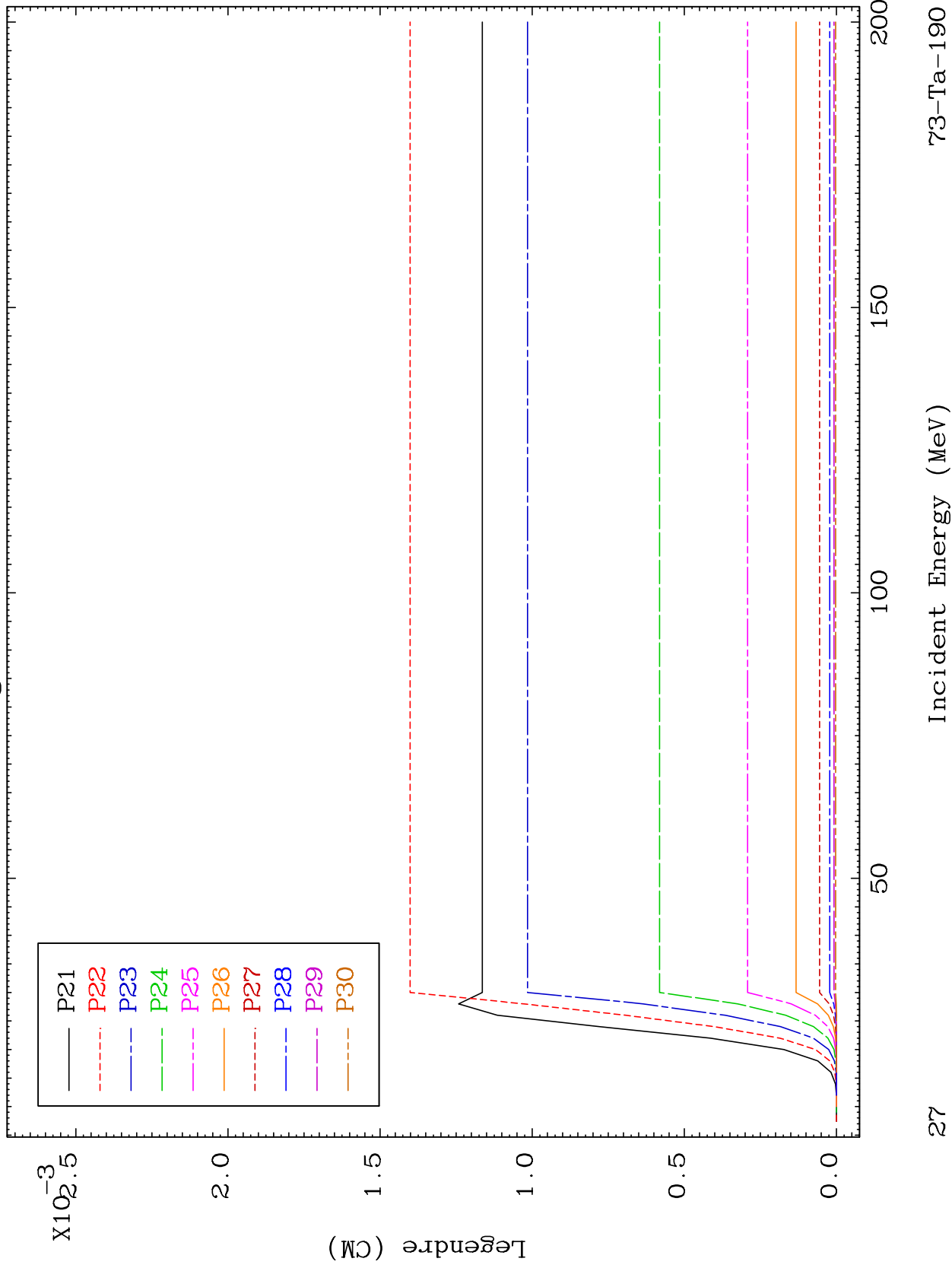


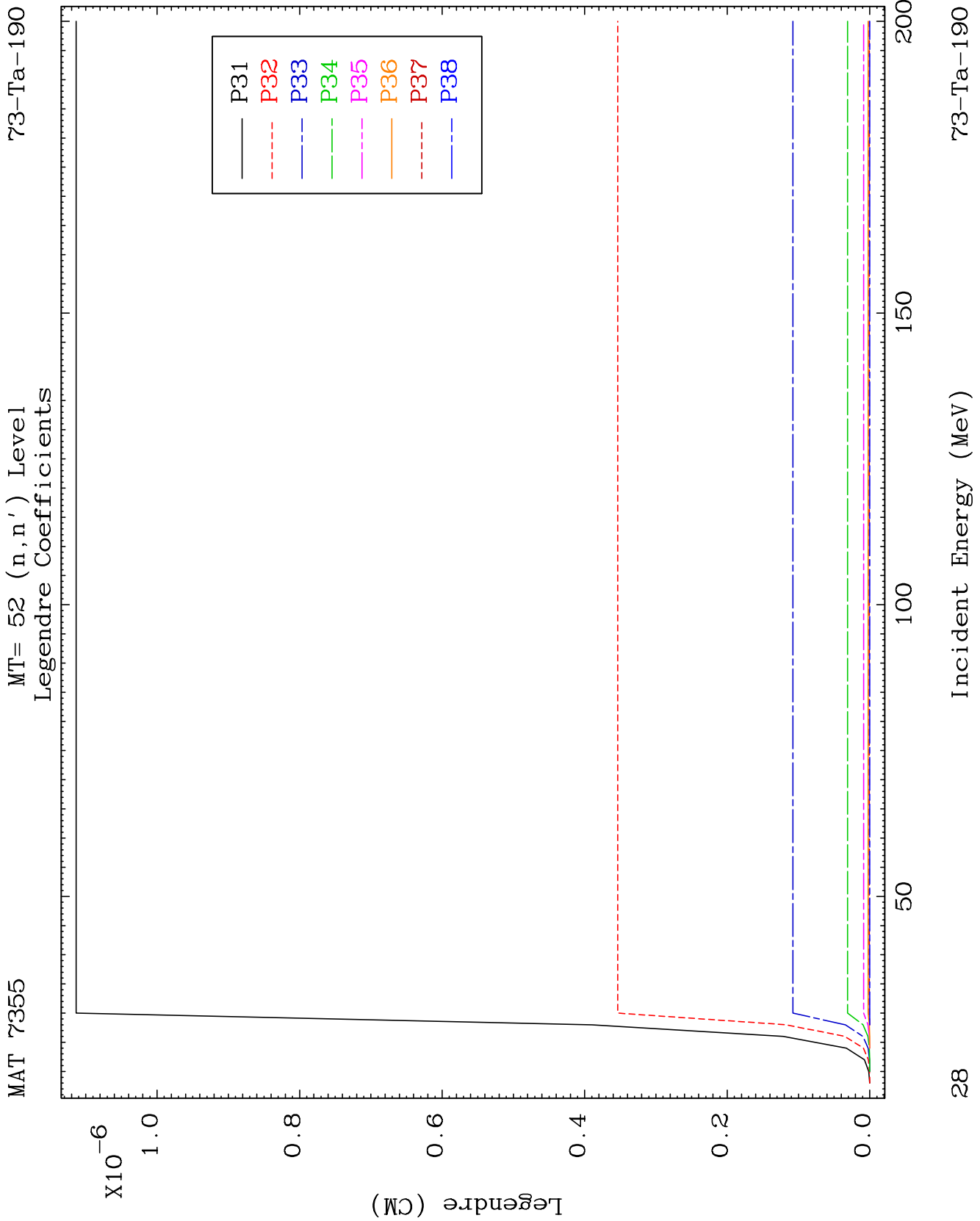


MAT 7355

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

73-Ta-190

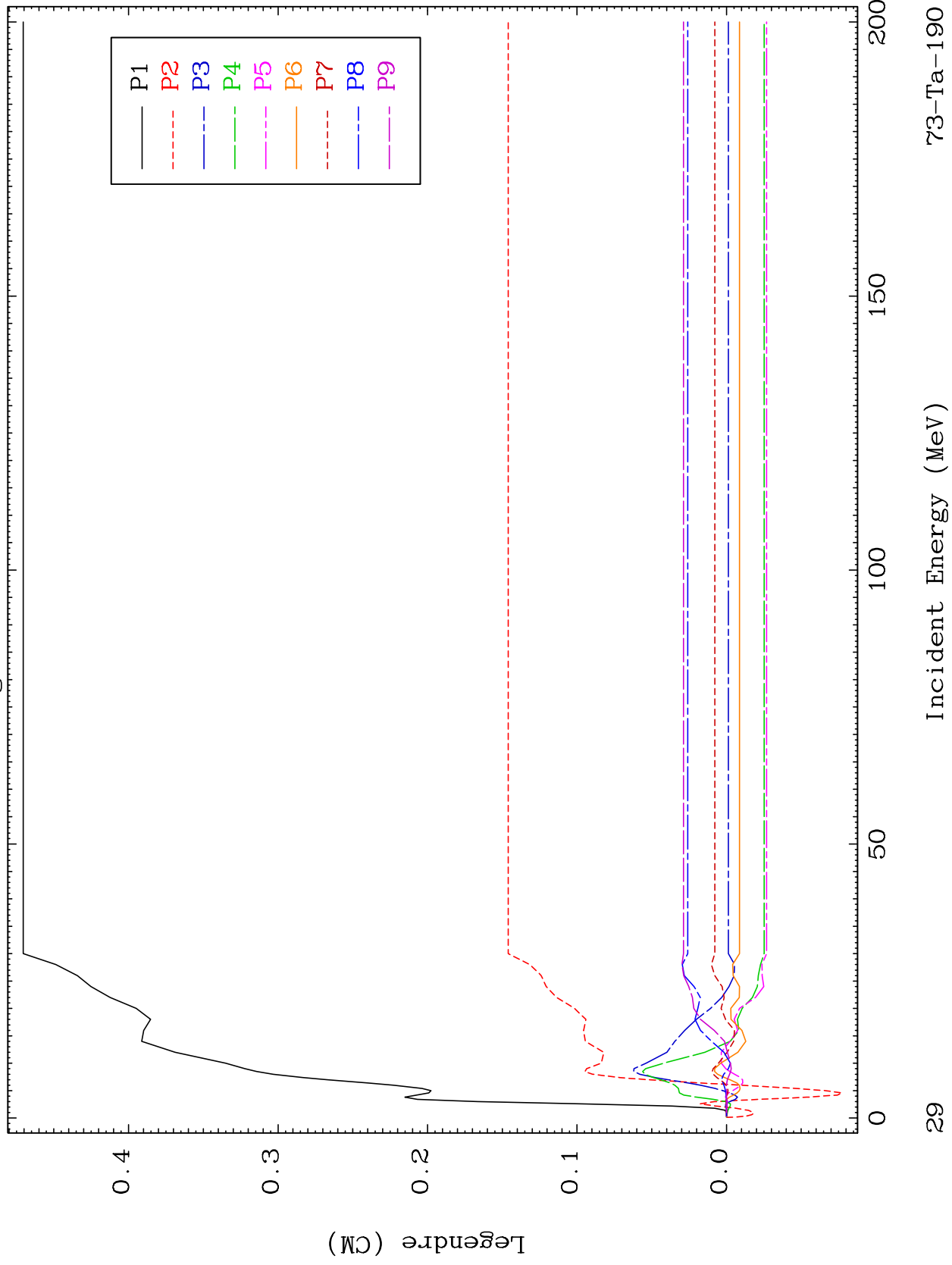




MAT 7355

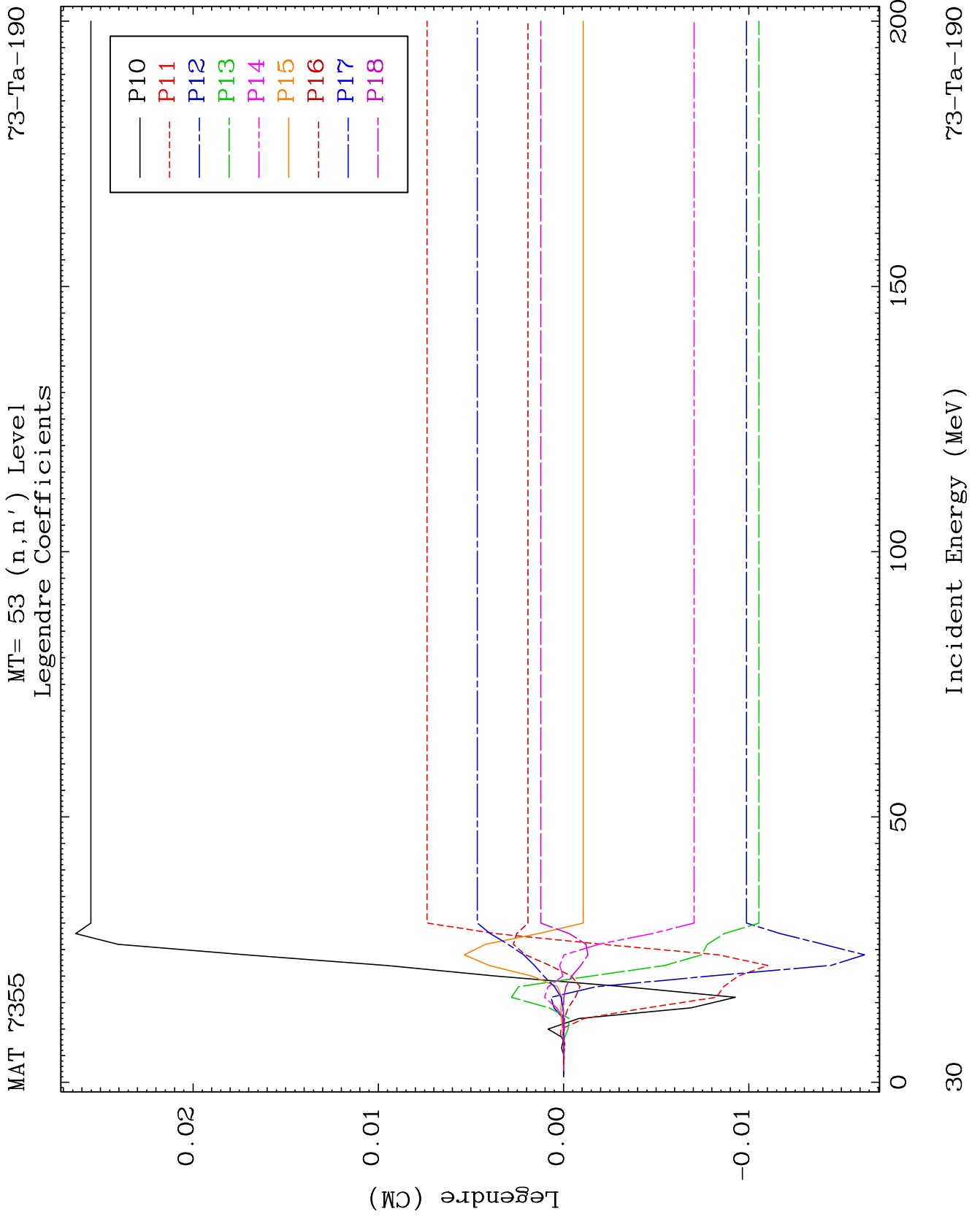
MT= 53 (n,n') Level
Legendre Coefficients

73-Ta-190



29

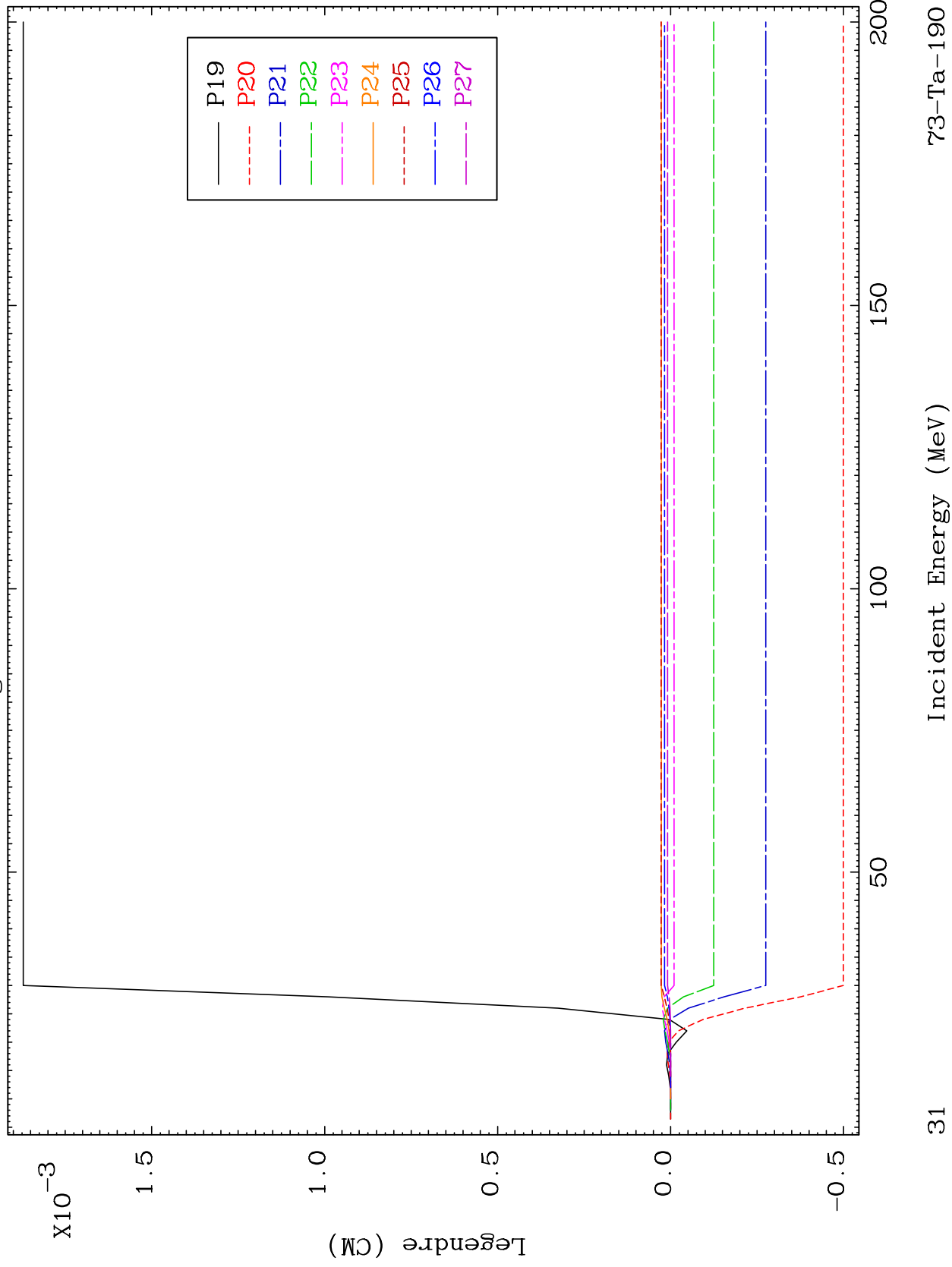
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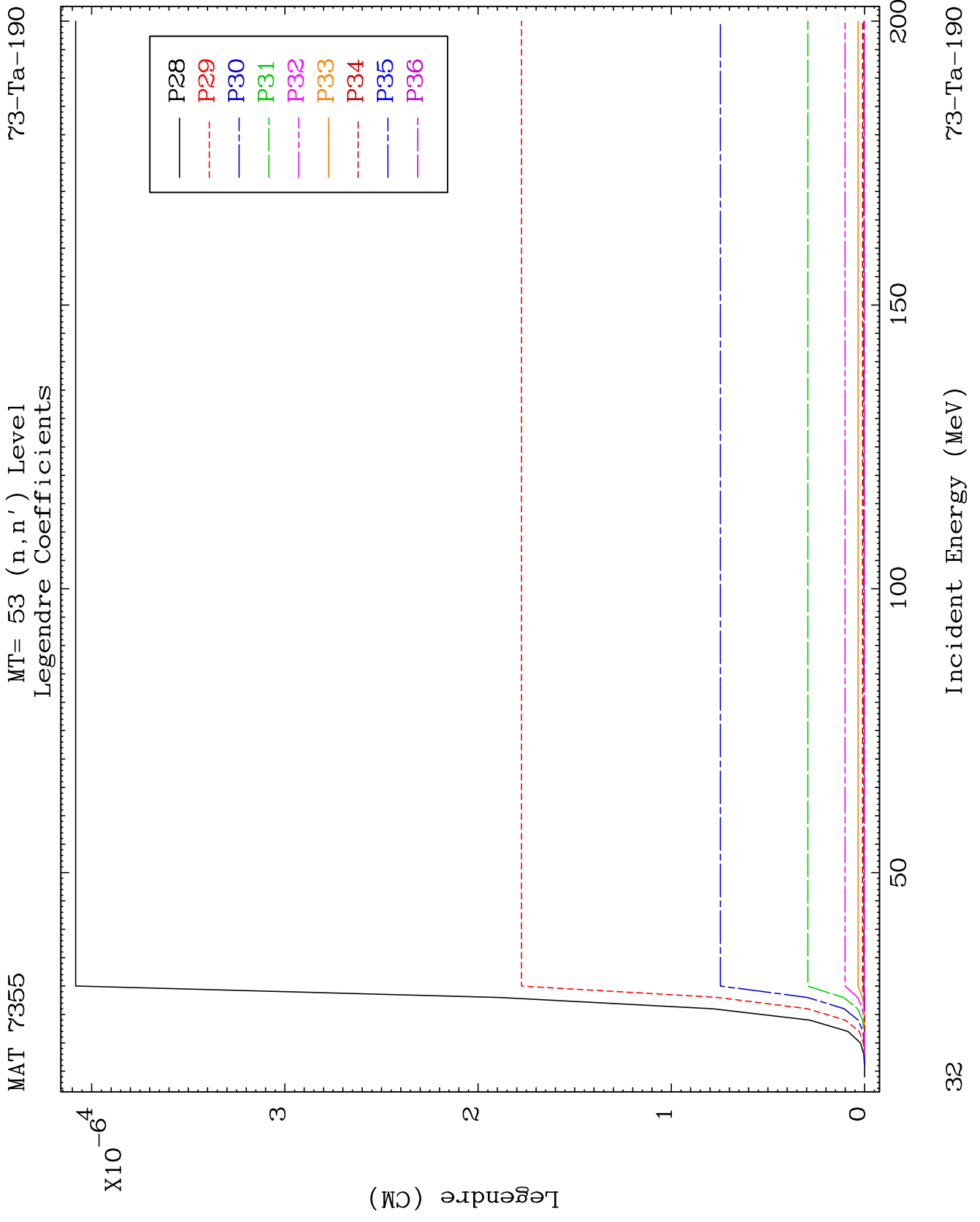


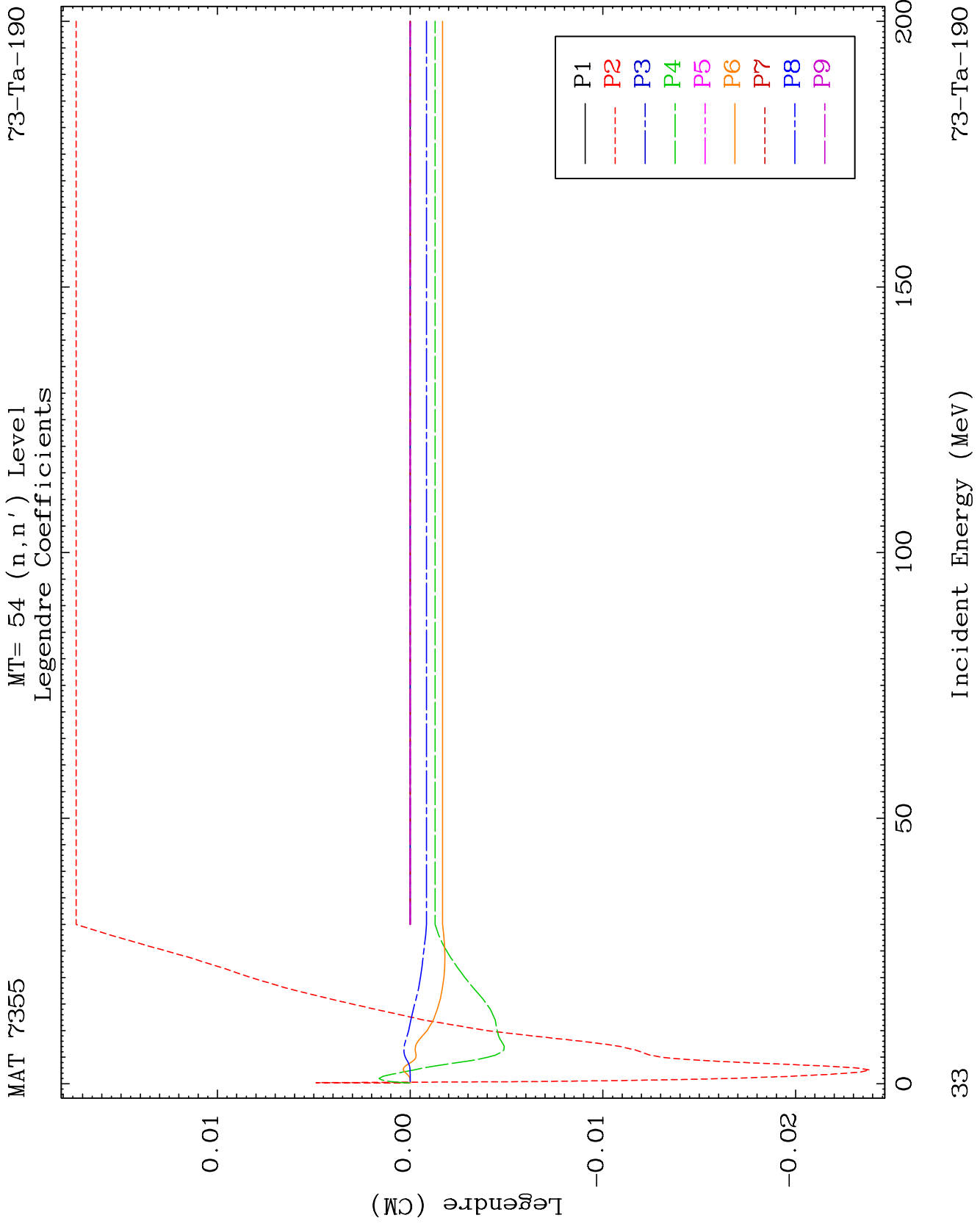
MAT 7355

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

73-Ta-190



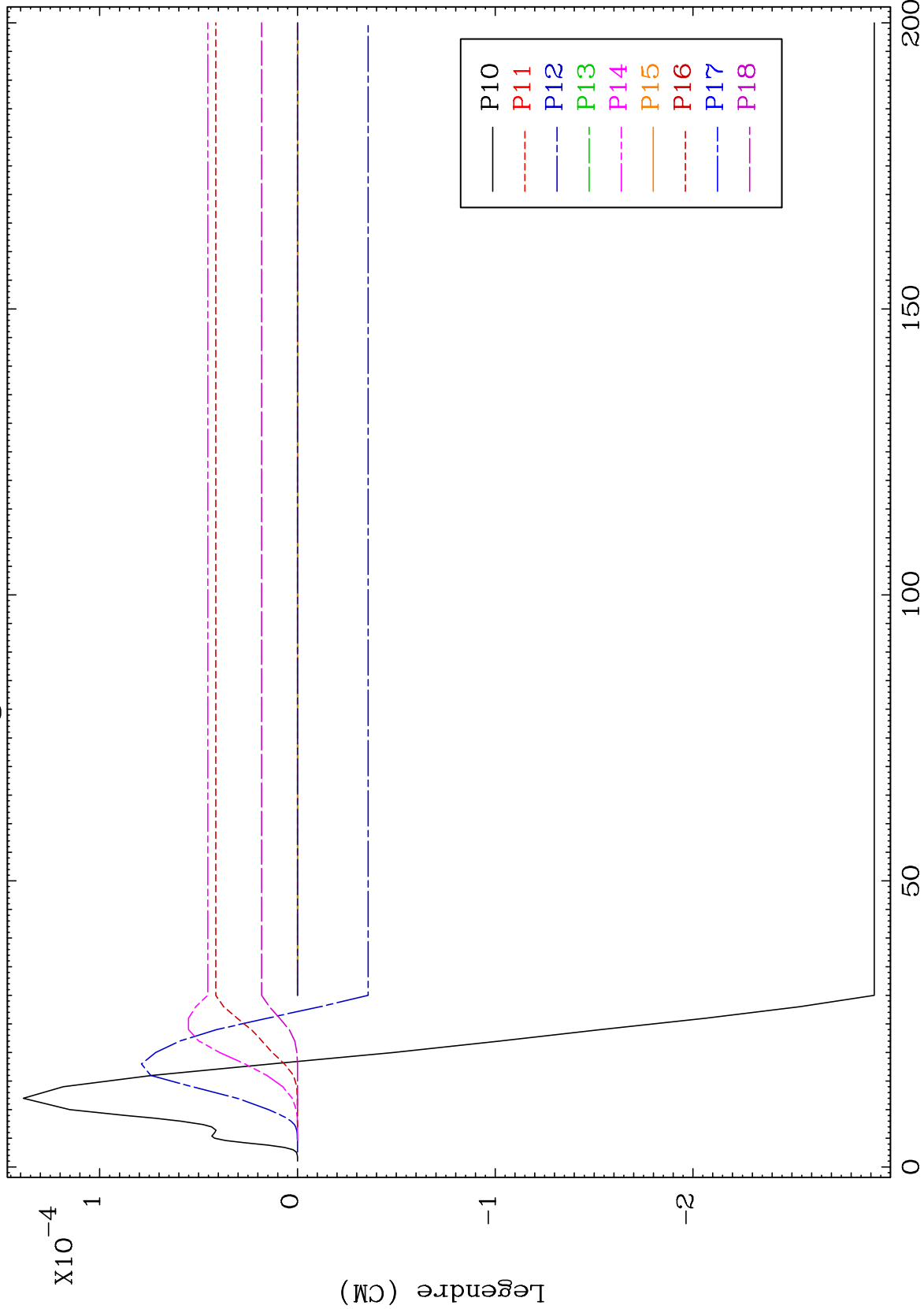




MAT 7355

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

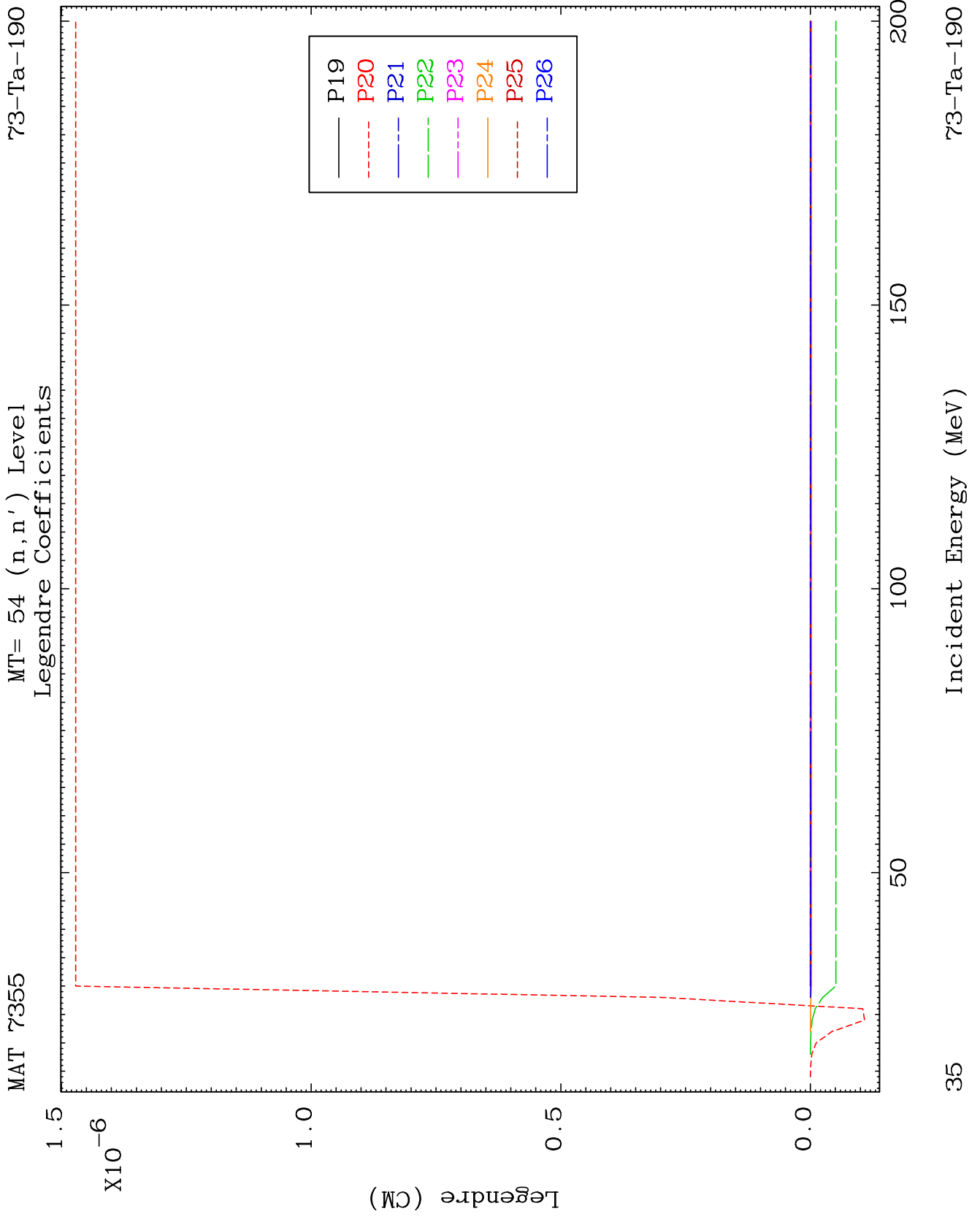
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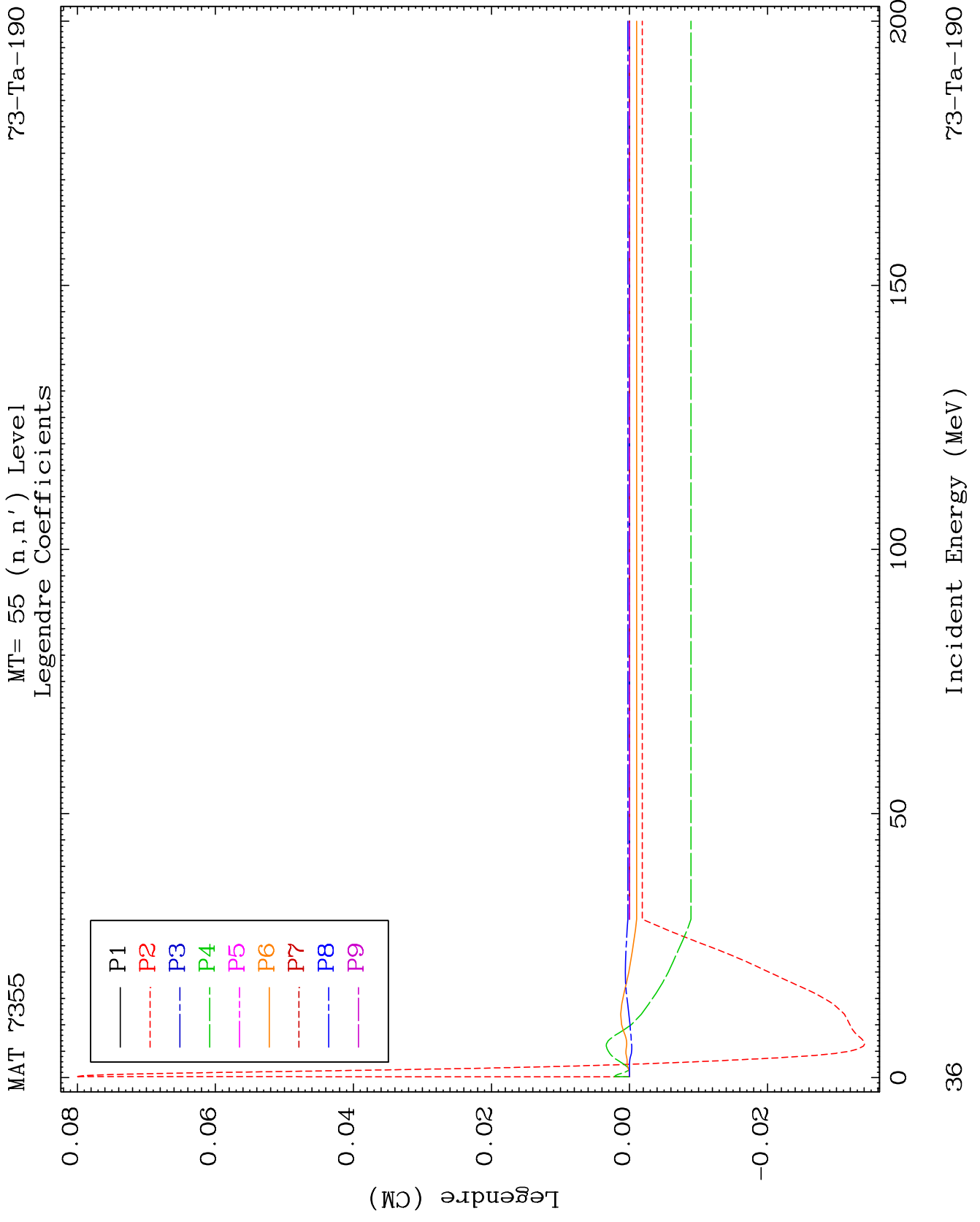


34

Incident Energy (MeV)

73-Ta-190

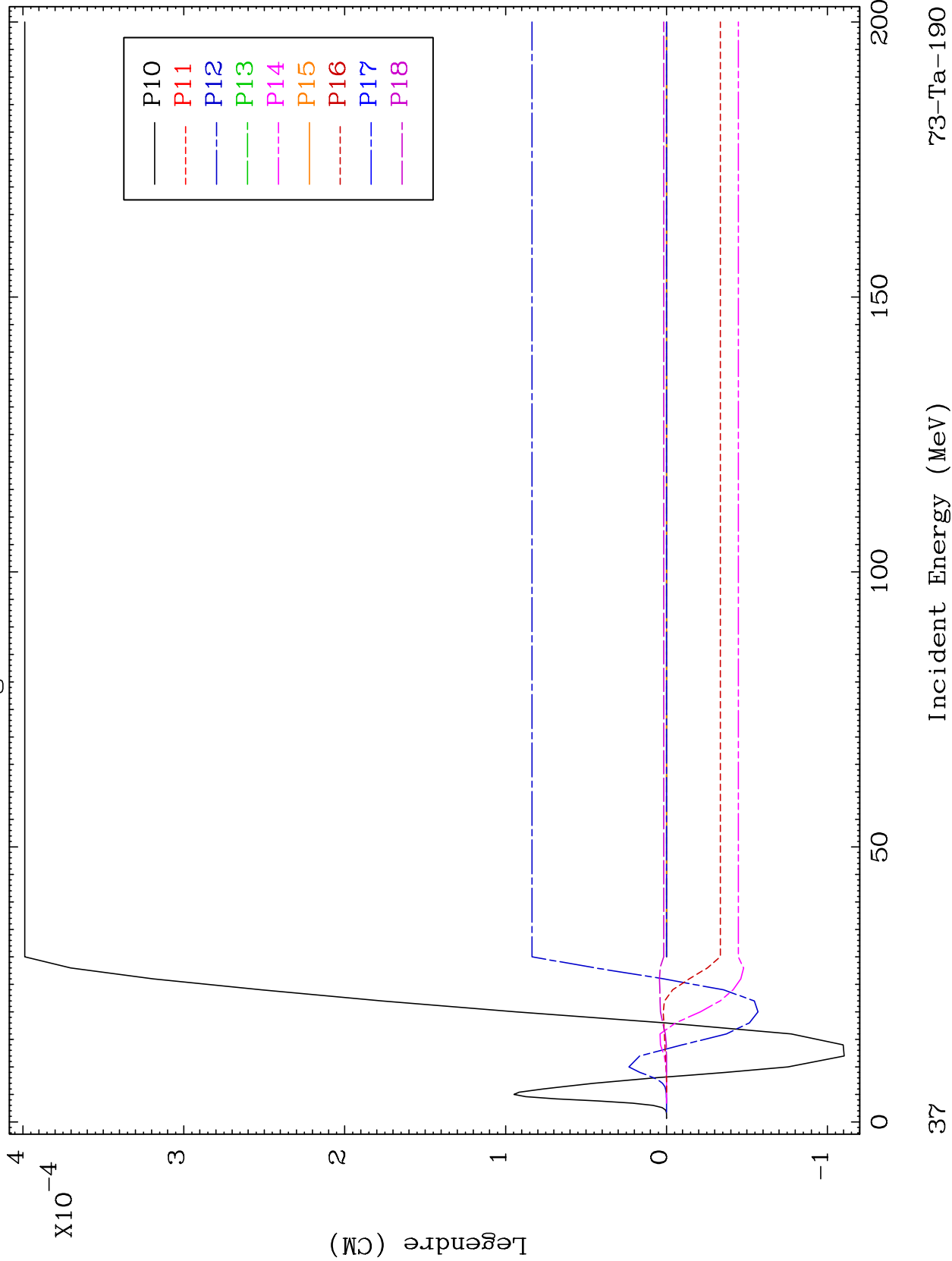




MAT 7355

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Legendre Coefficients

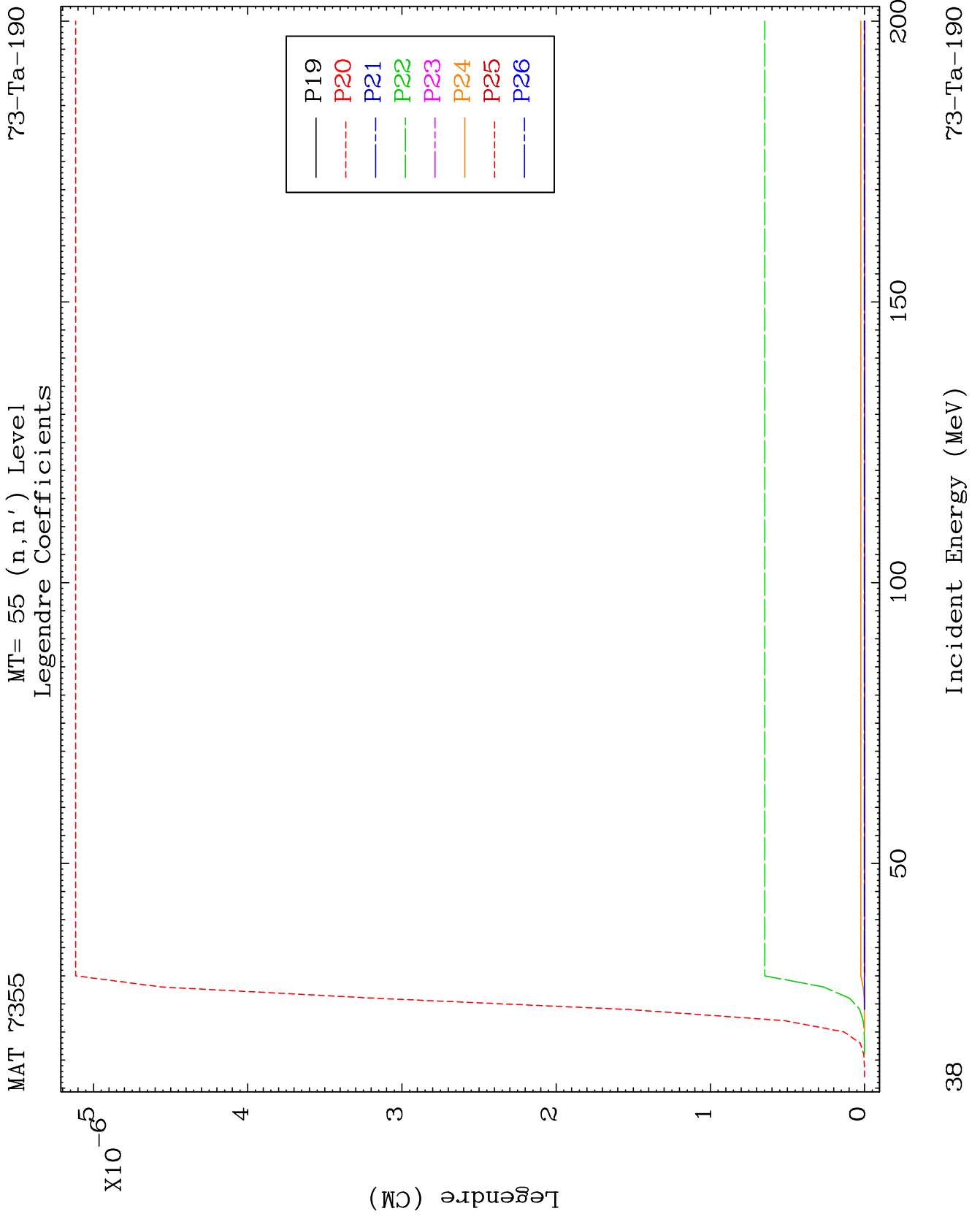
73-Ta-190



37

Incident Energy (MeV)

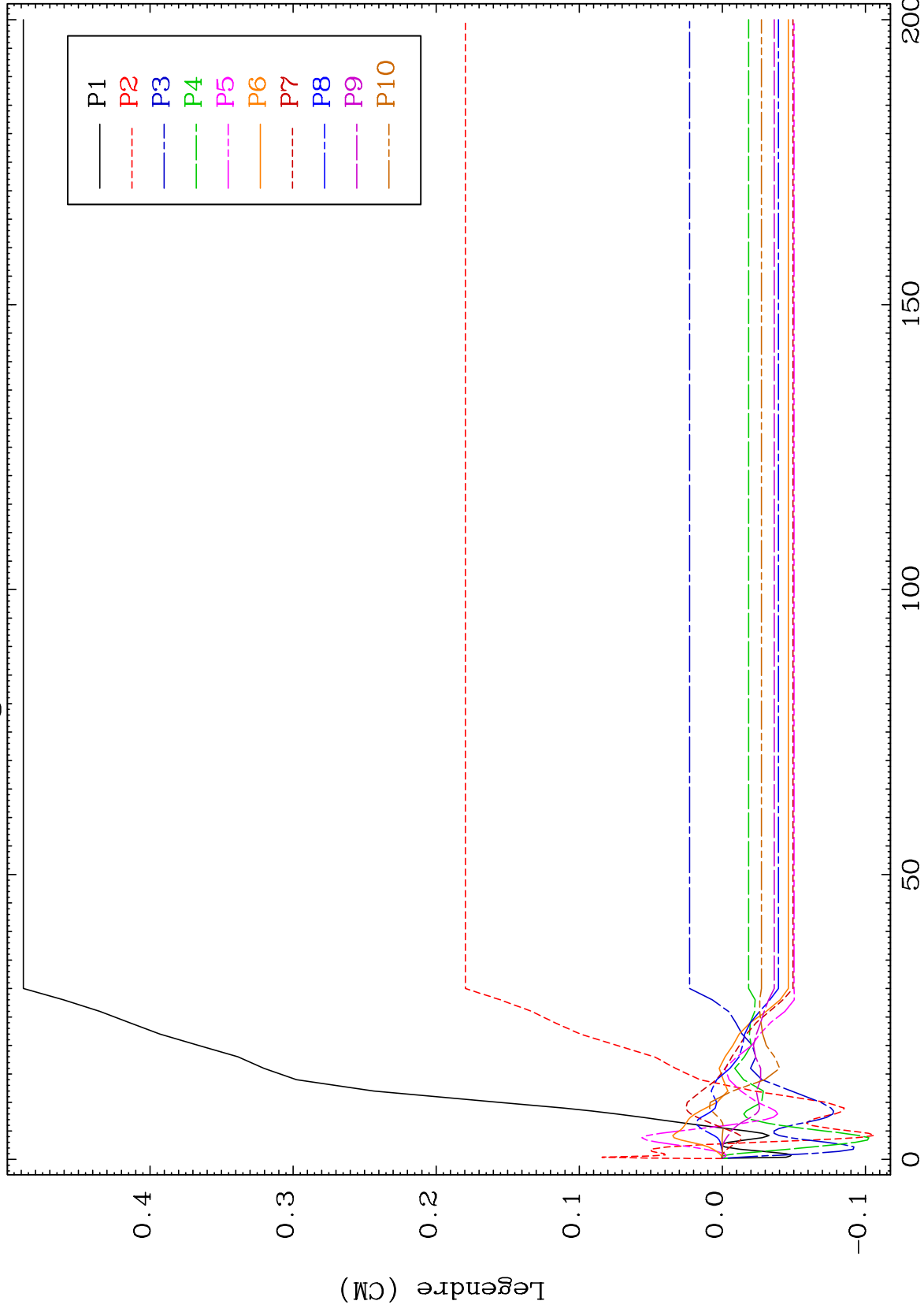
73-Ta-190



MAT 7355

MT= 56 (n,n') Level
Legendre Coefficients

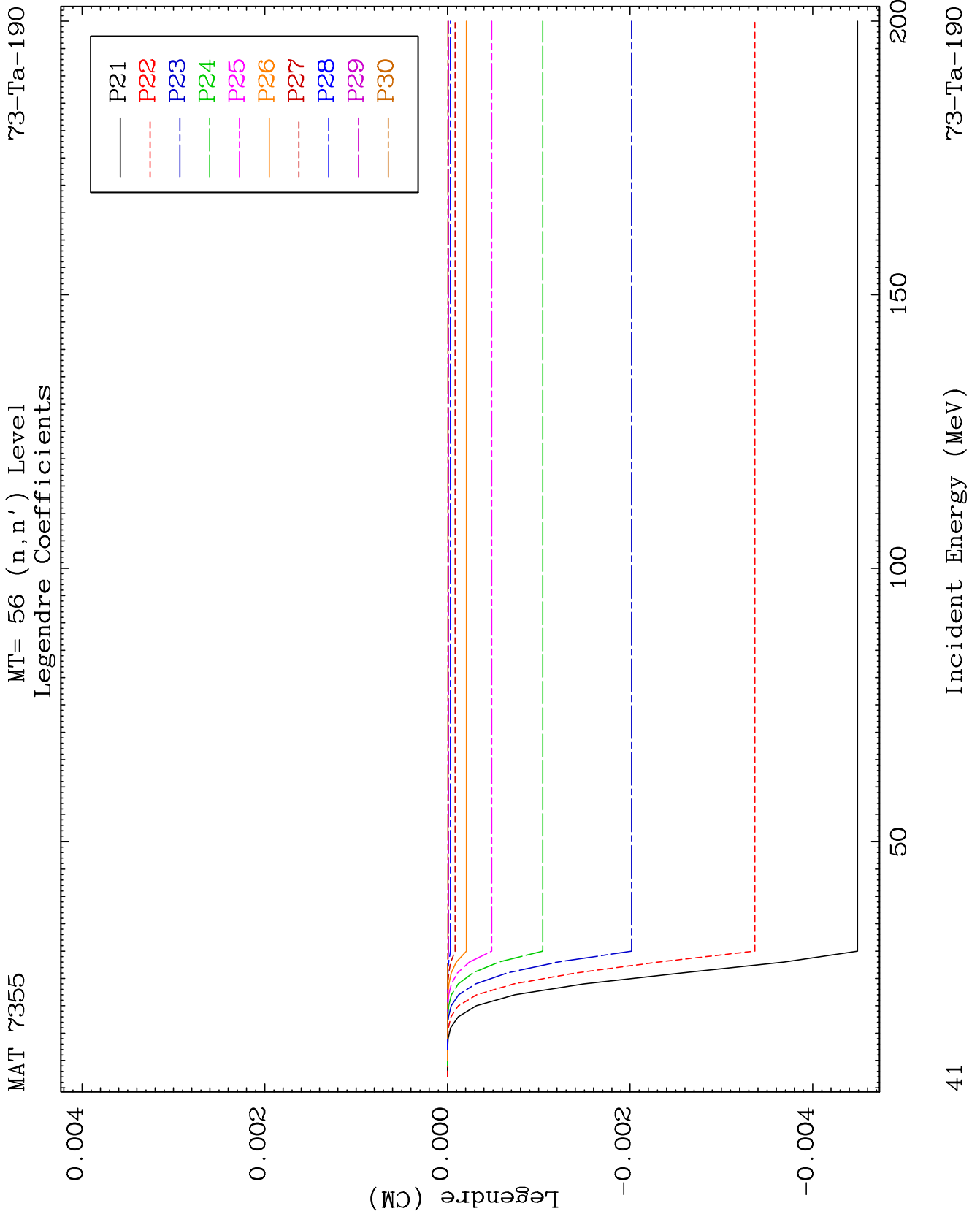
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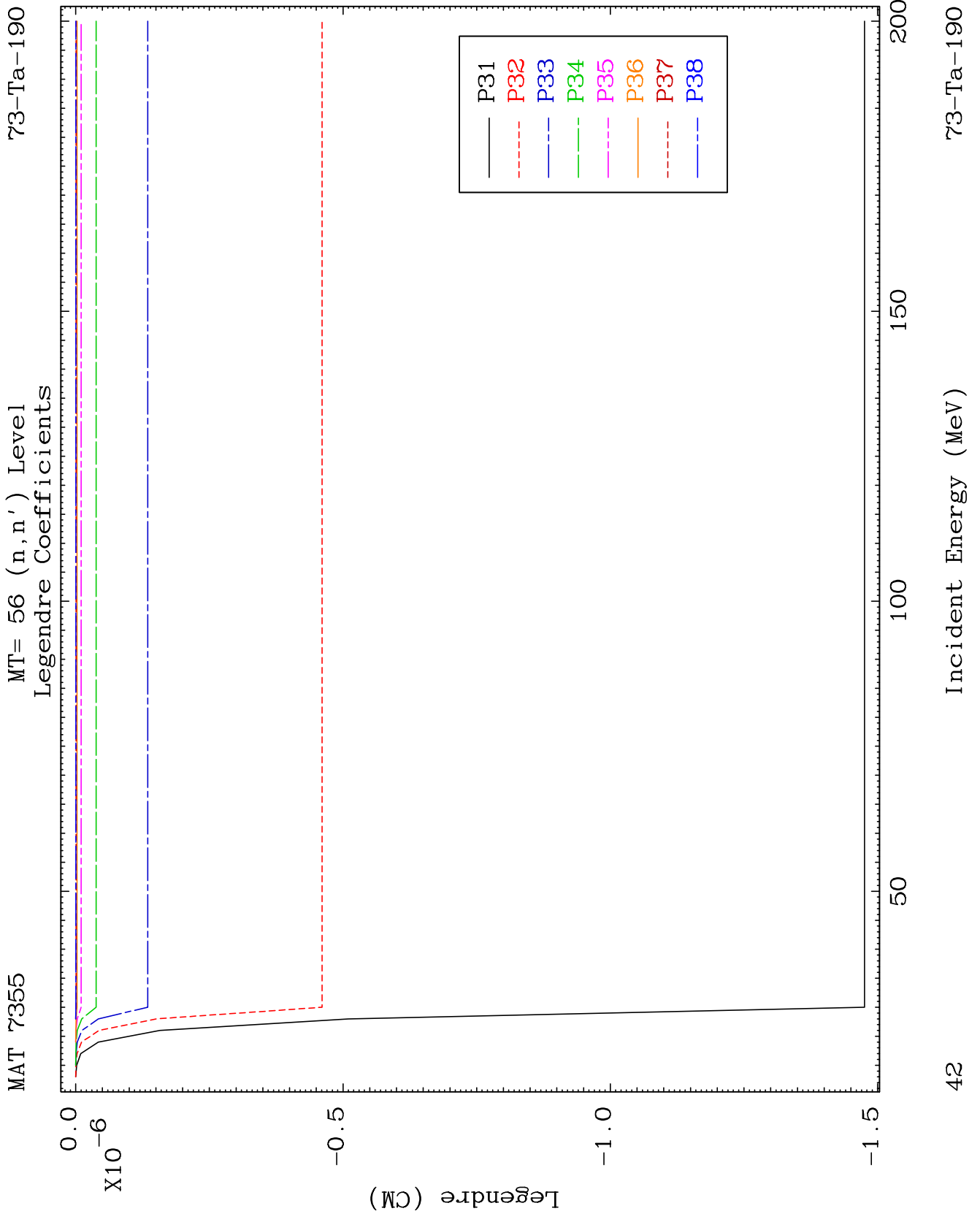


39

Incident Energy (MeV)

73-Ta-190

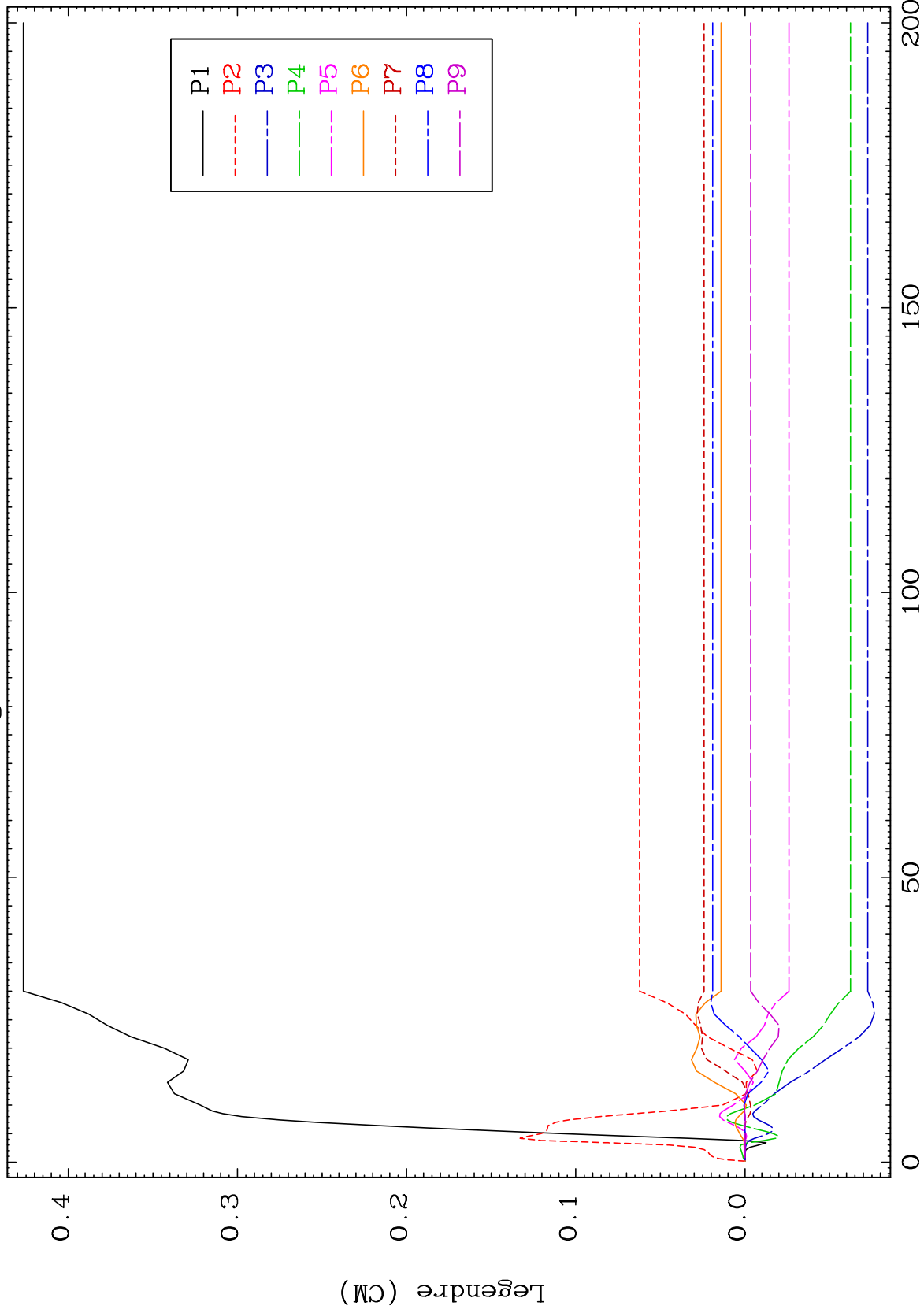




MAT 7355

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

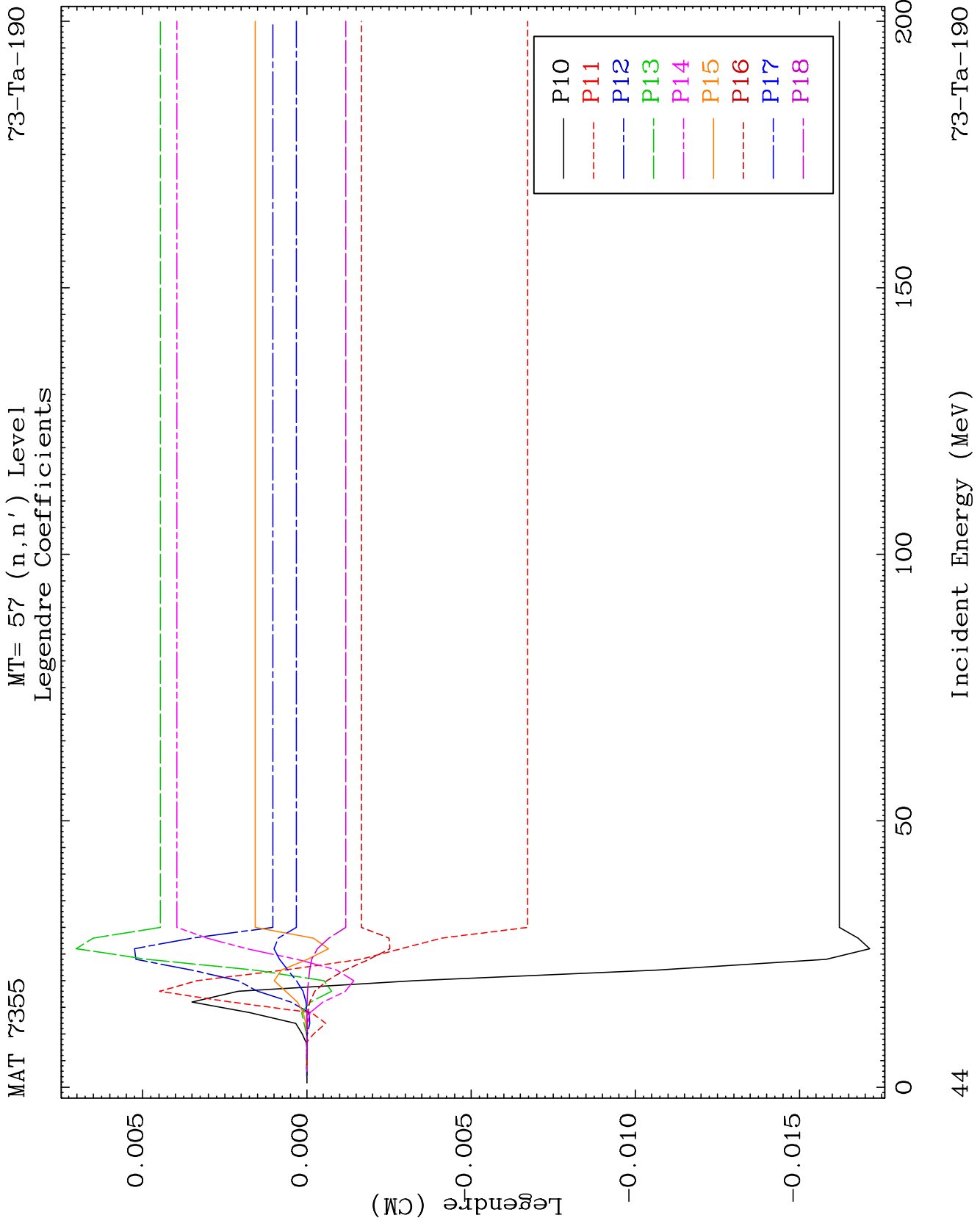
73-Ta-190



43

Incident Energy (MeV)

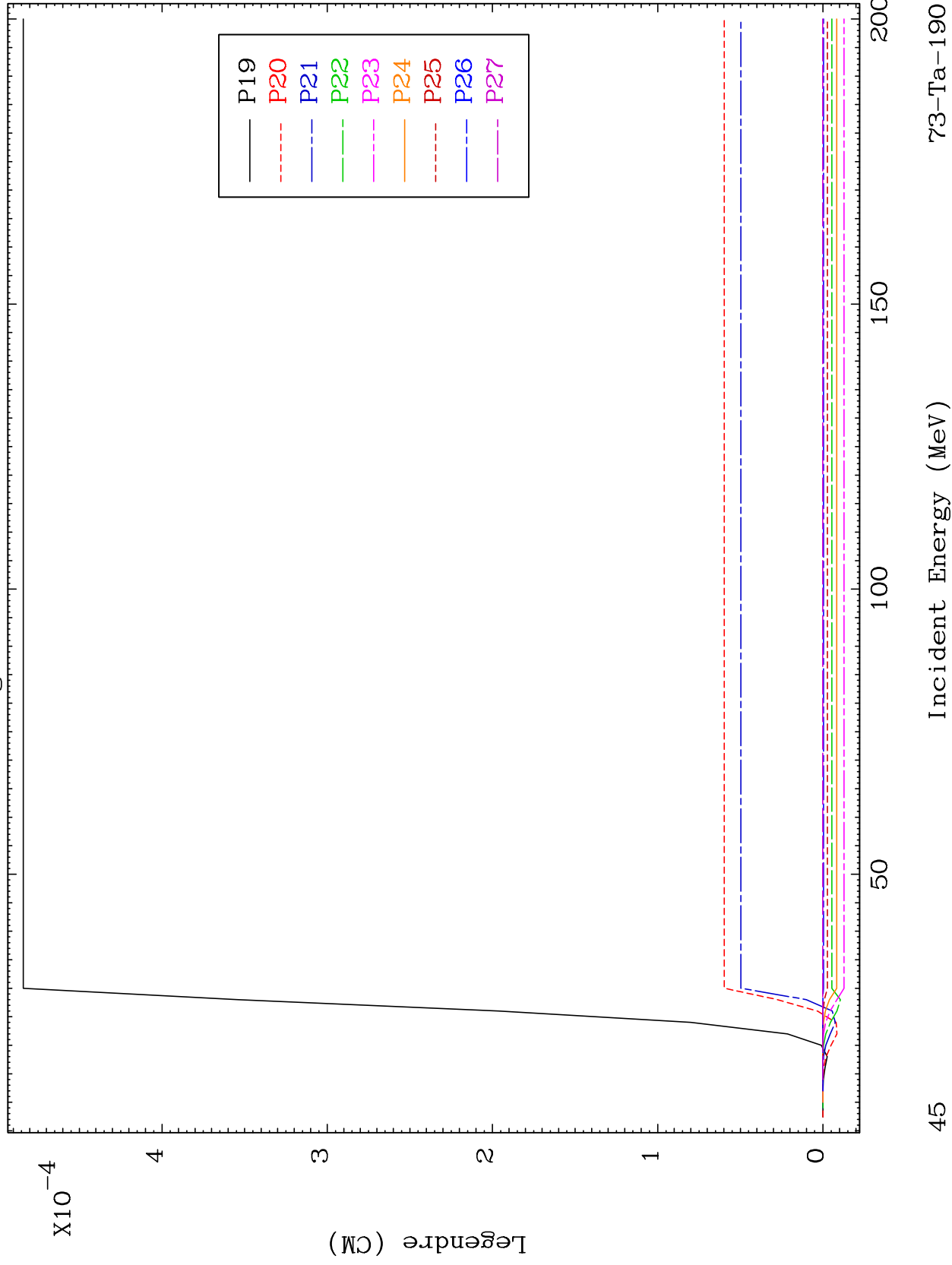
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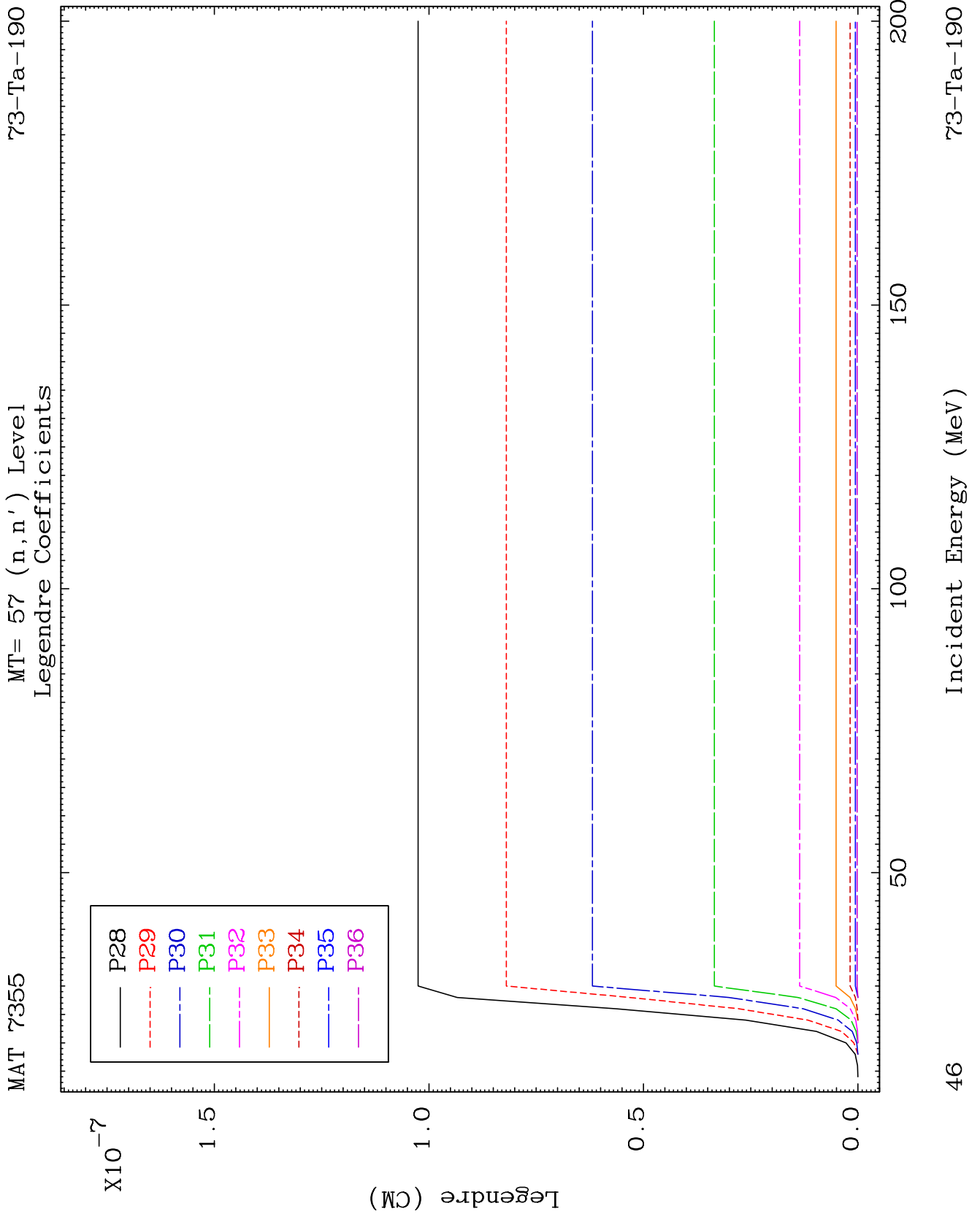


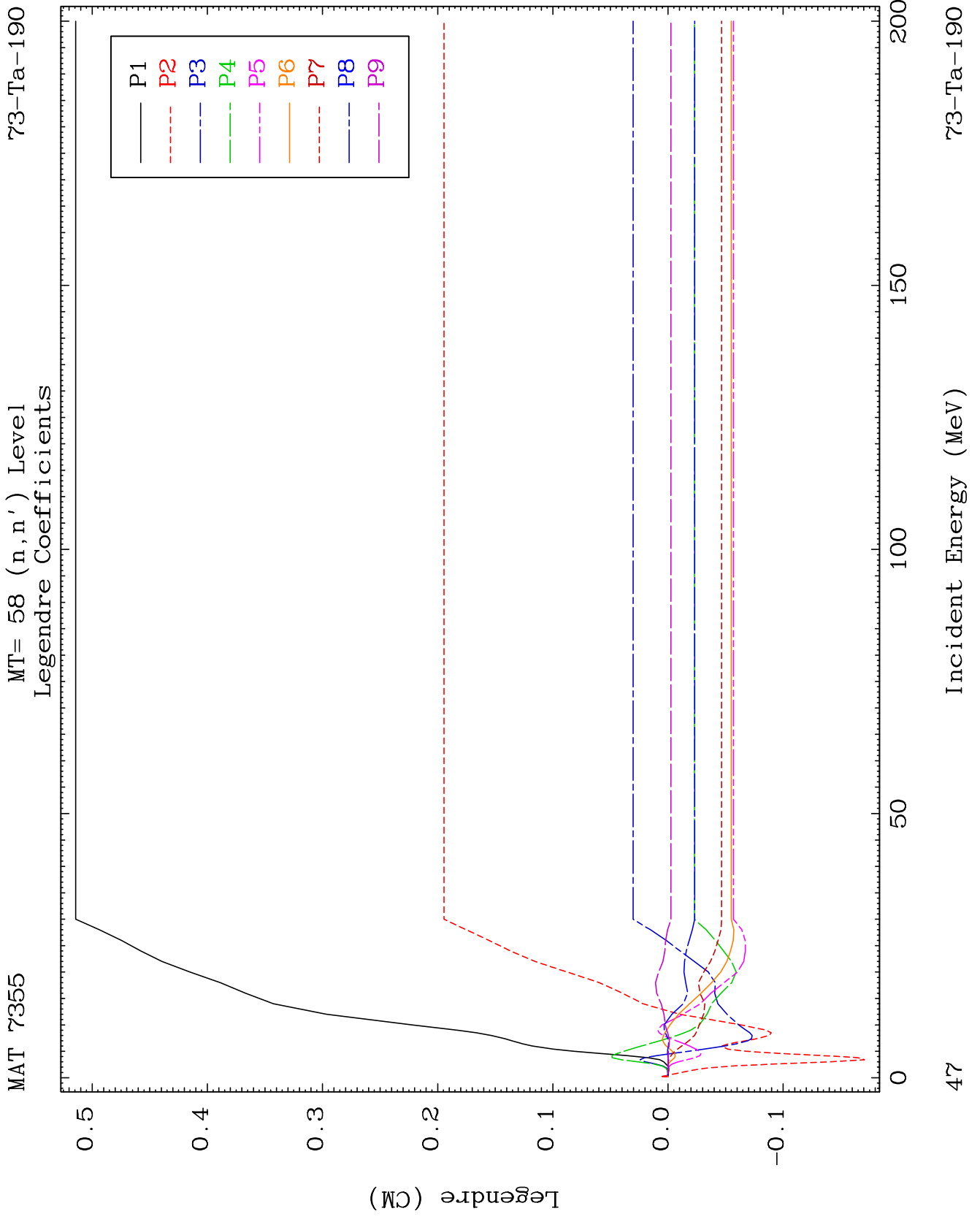
MAT 7355

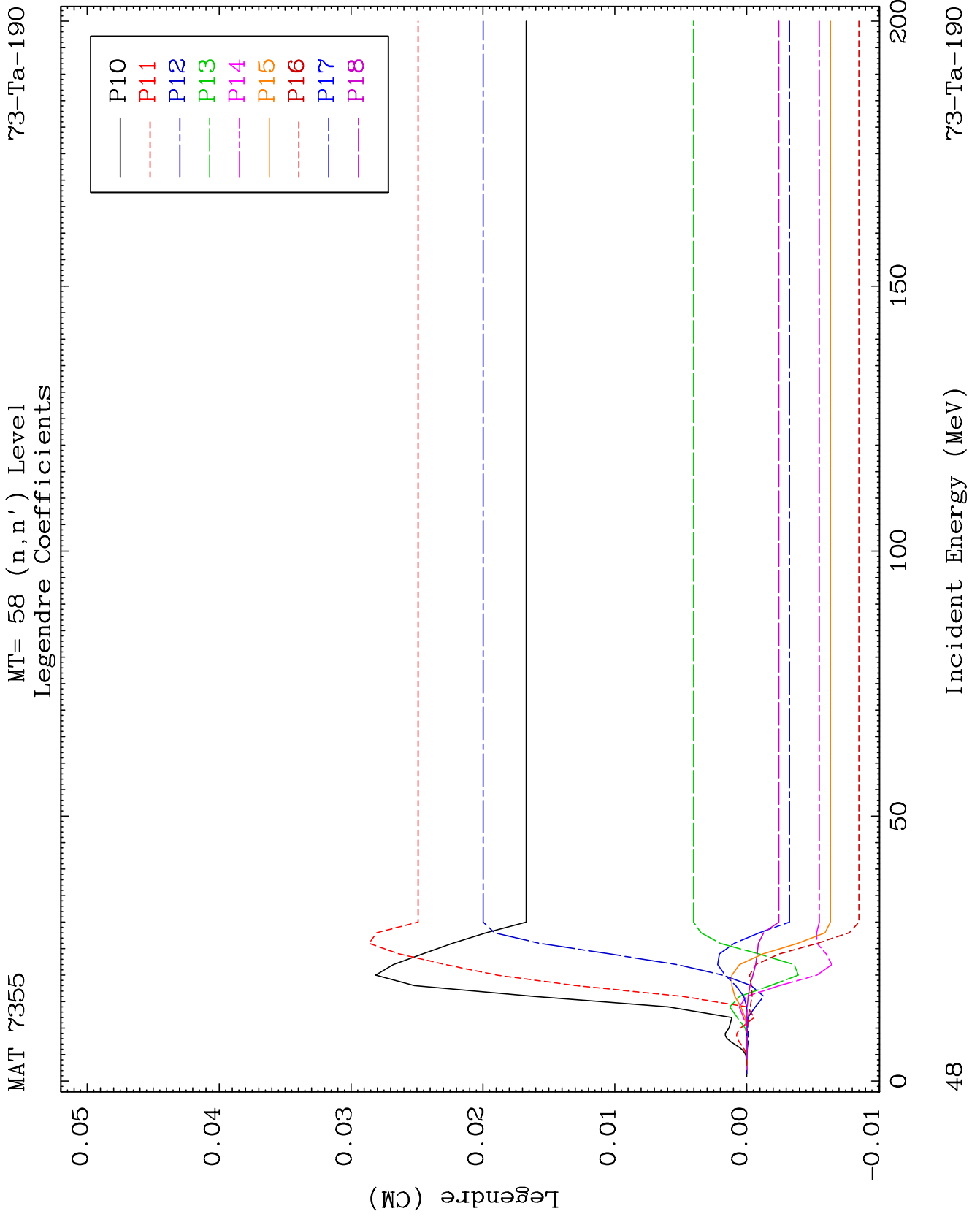
MT= 57 (n,n') Level
Legendre Coefficients

73-Ta-190





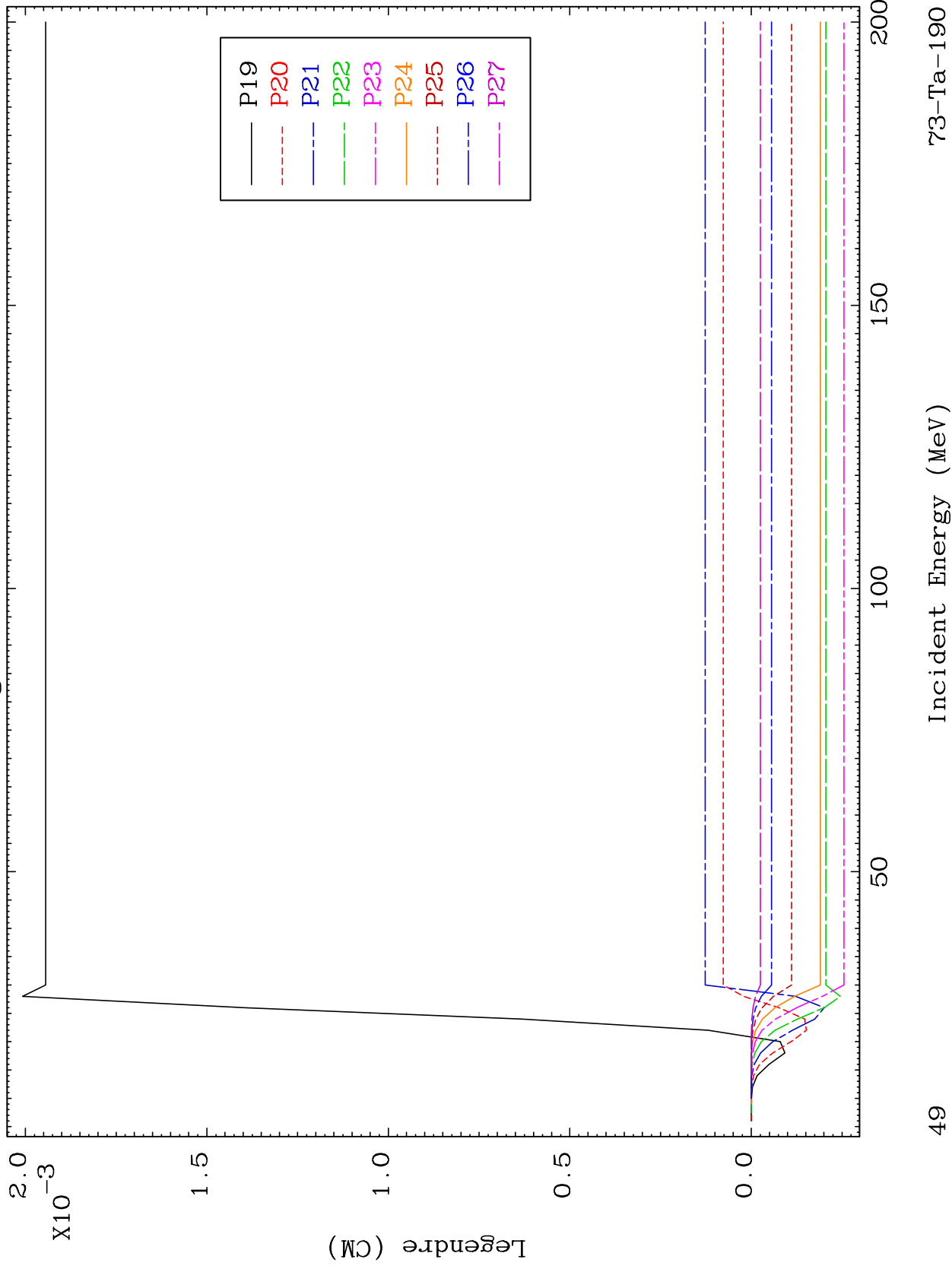




MAT 7355

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

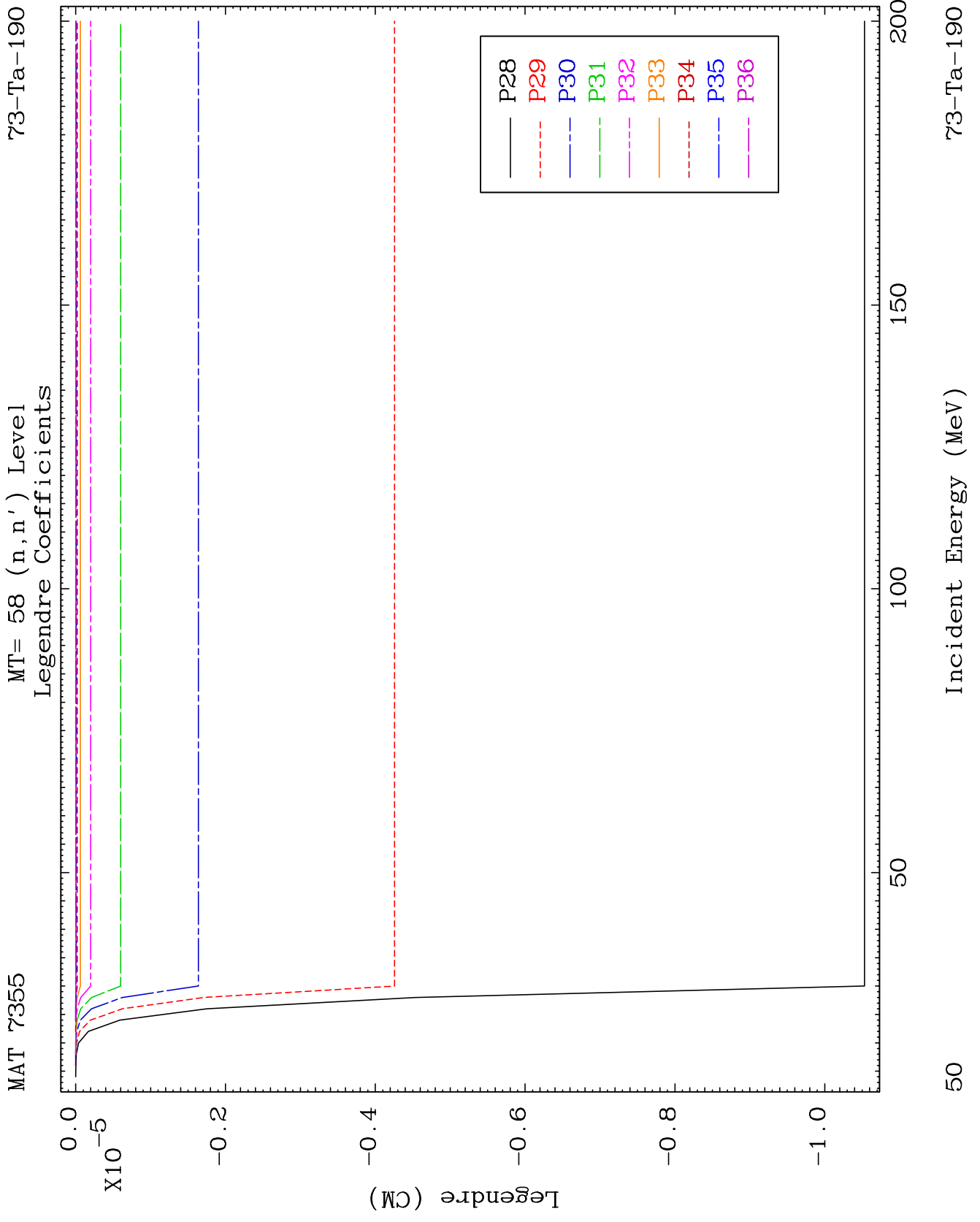
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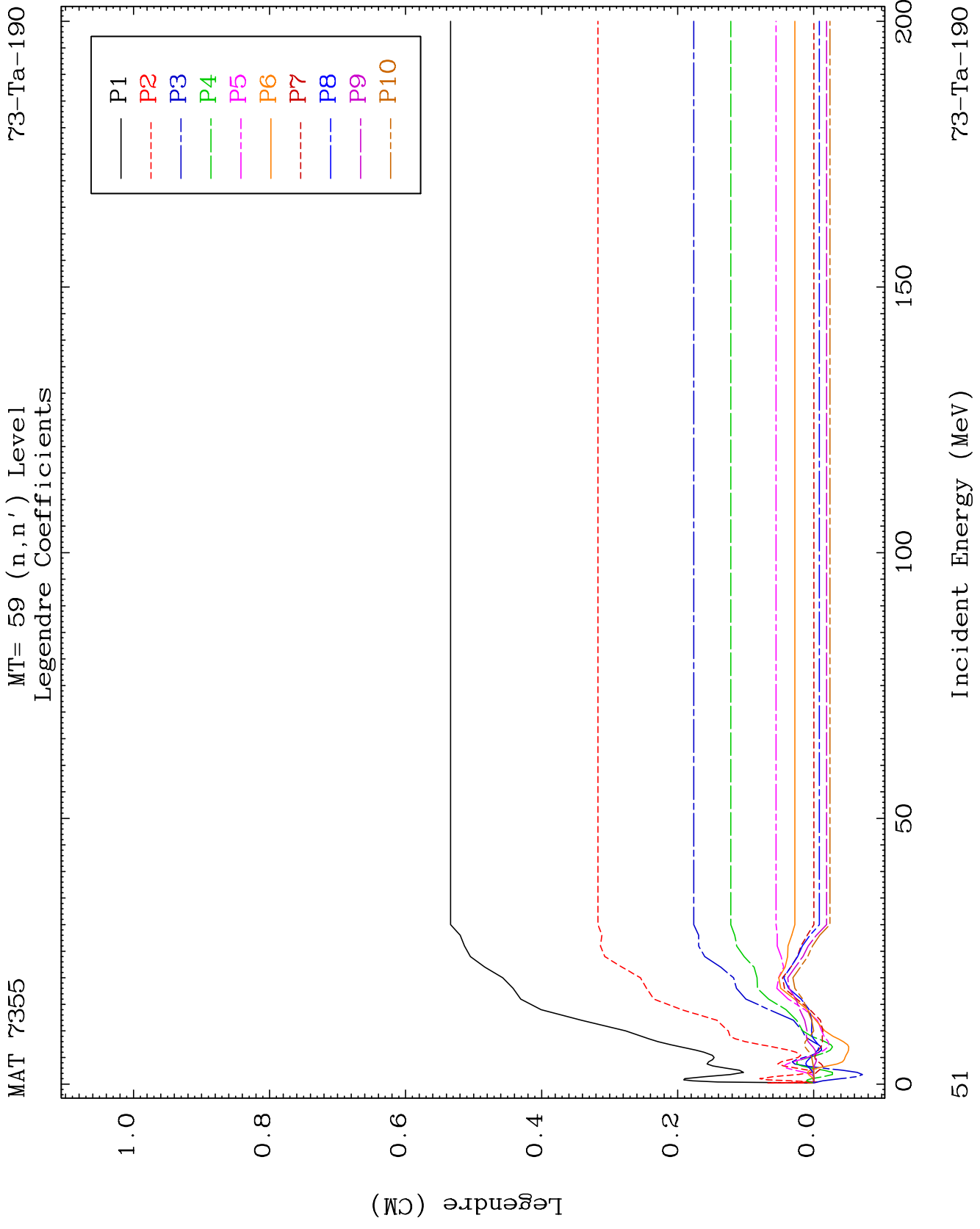


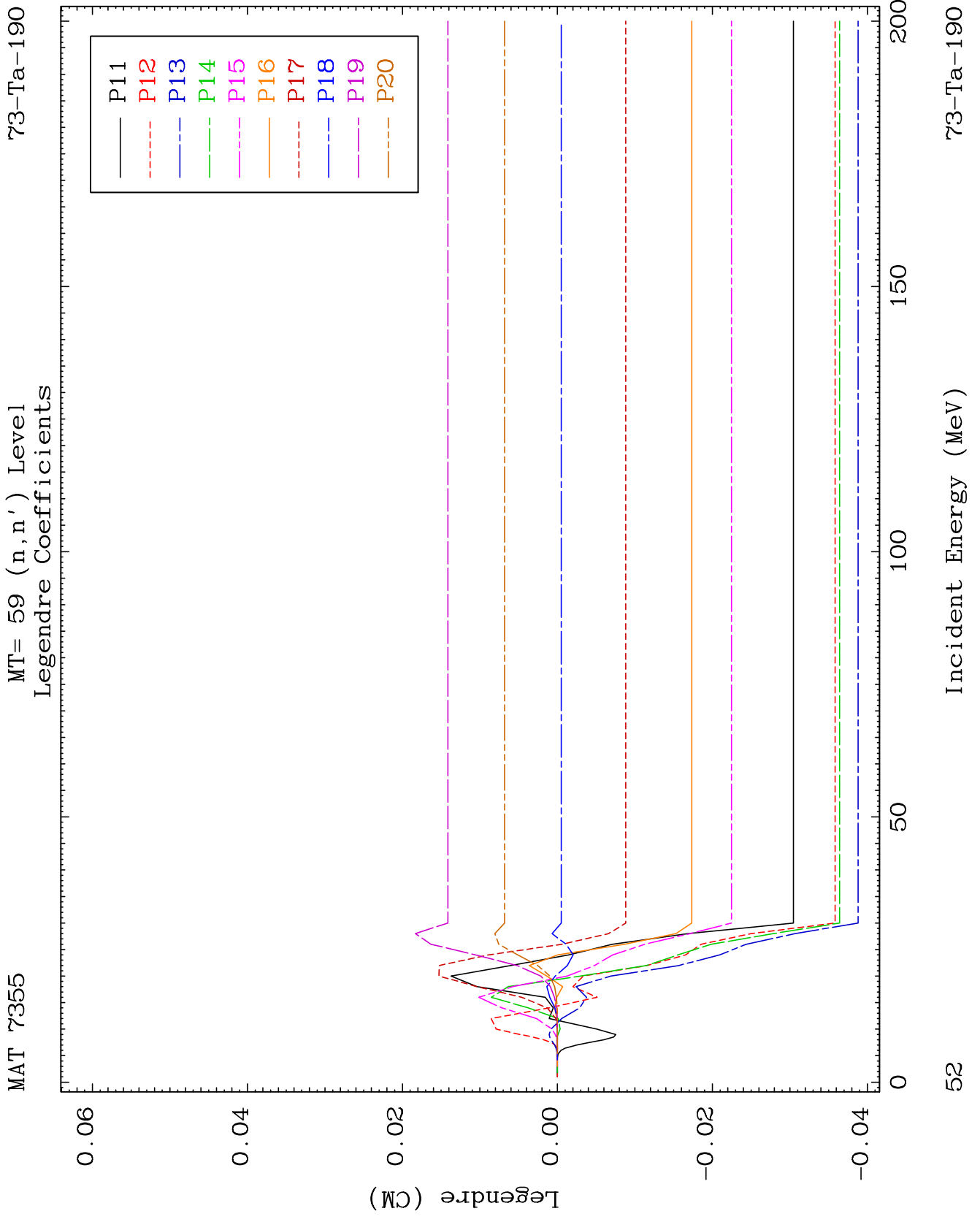
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Incident Energy (MeV)

73-Ta-190



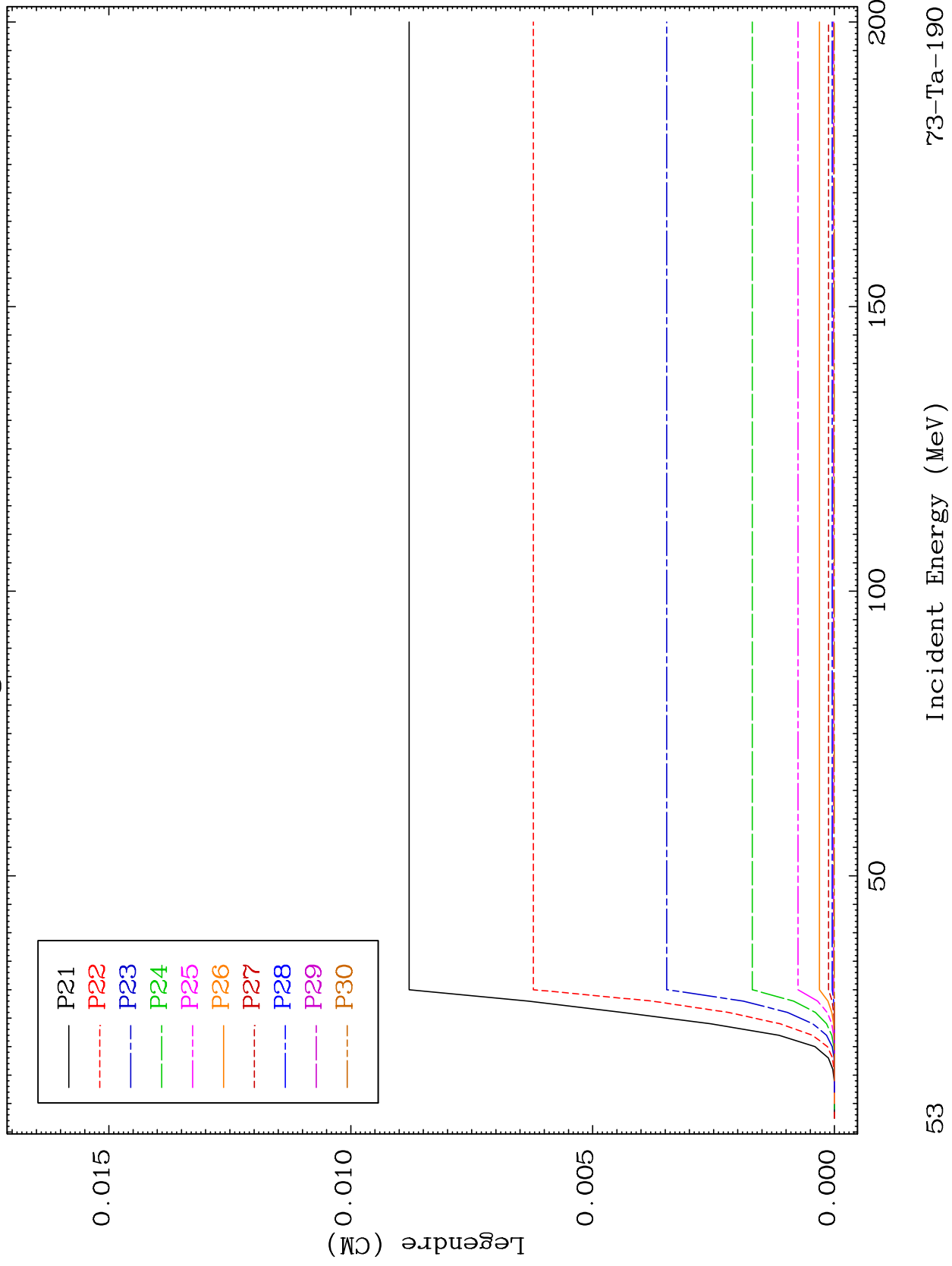




MAT 7355

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

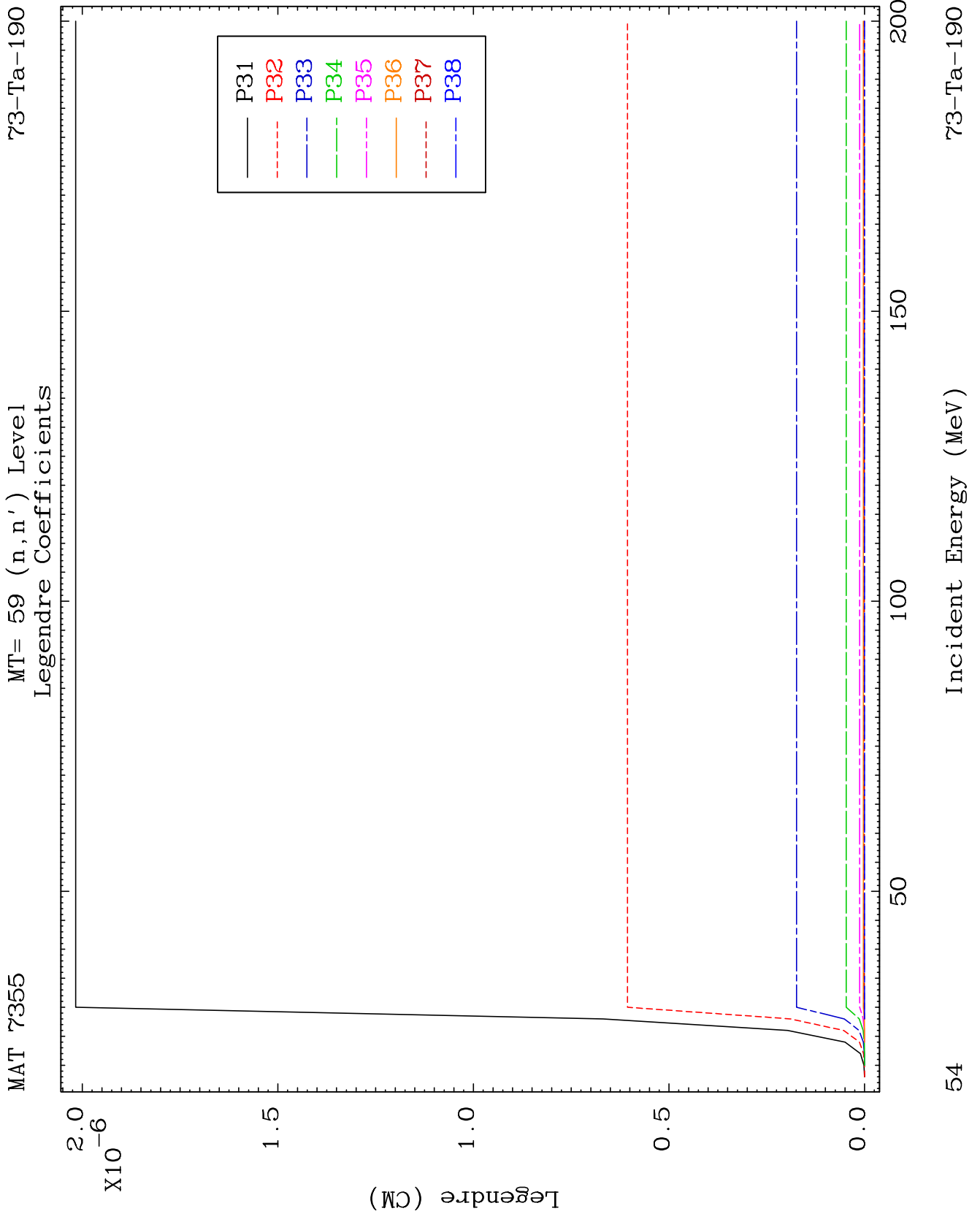
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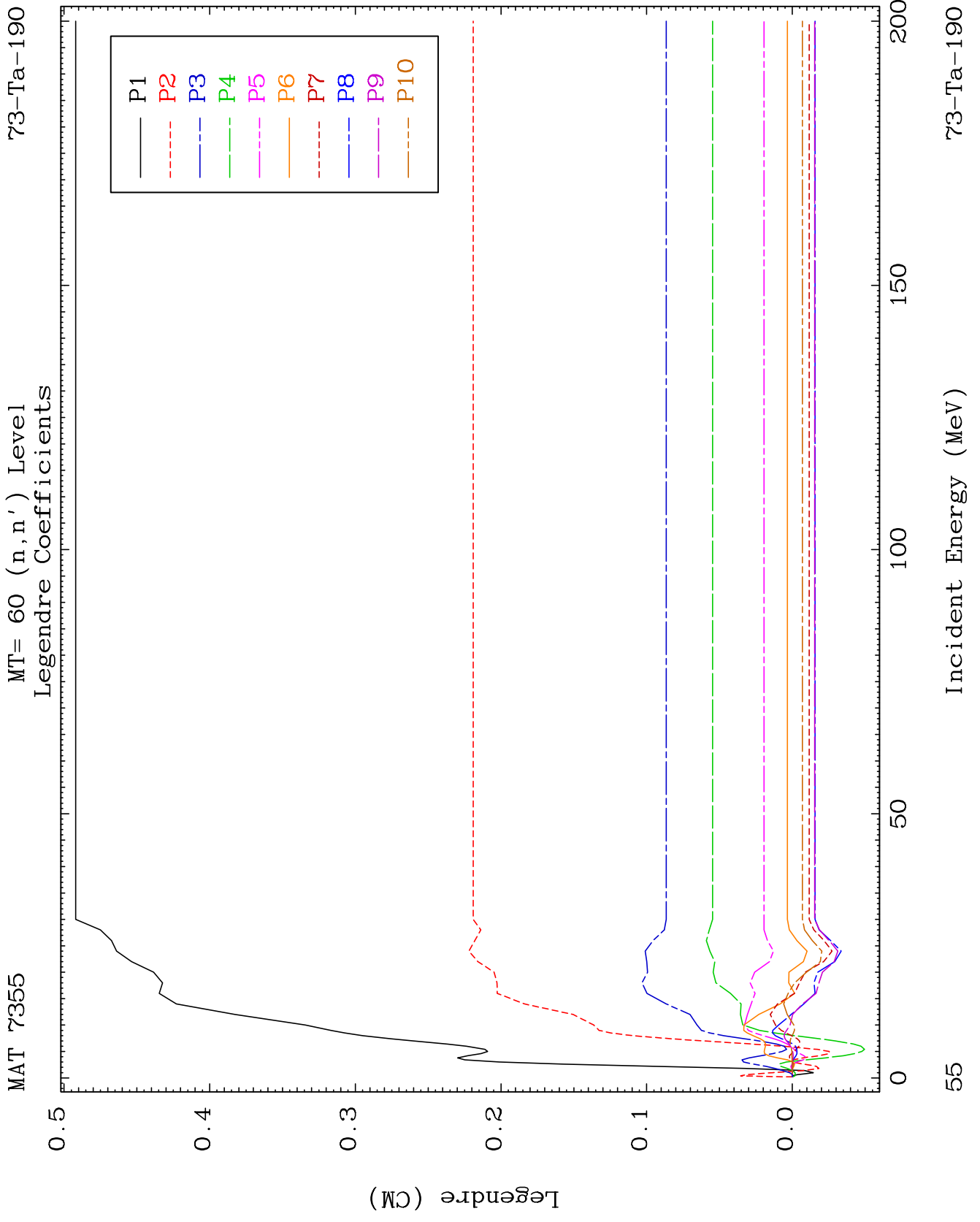


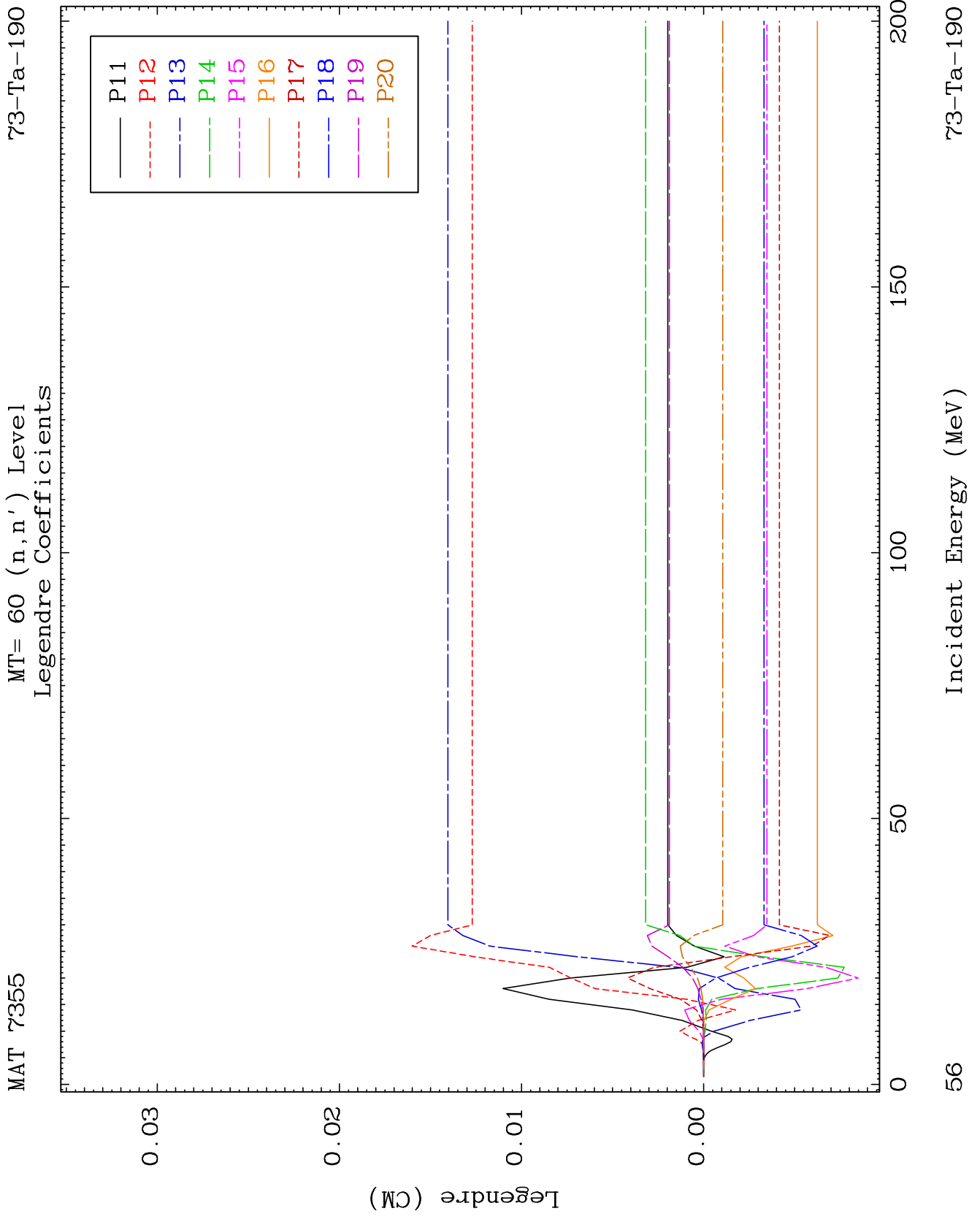
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Incident Energy (MeV)

73-Ta-190



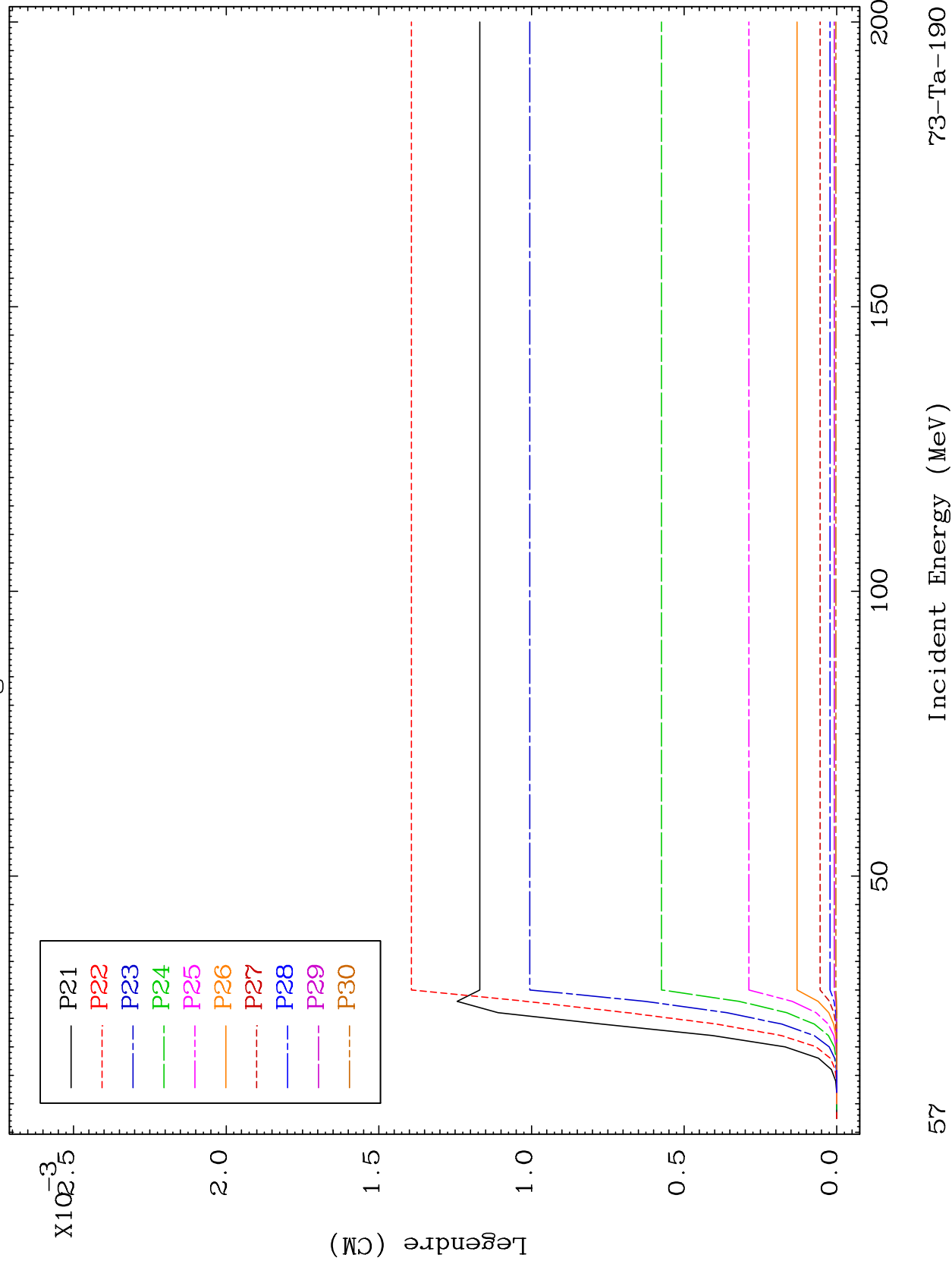


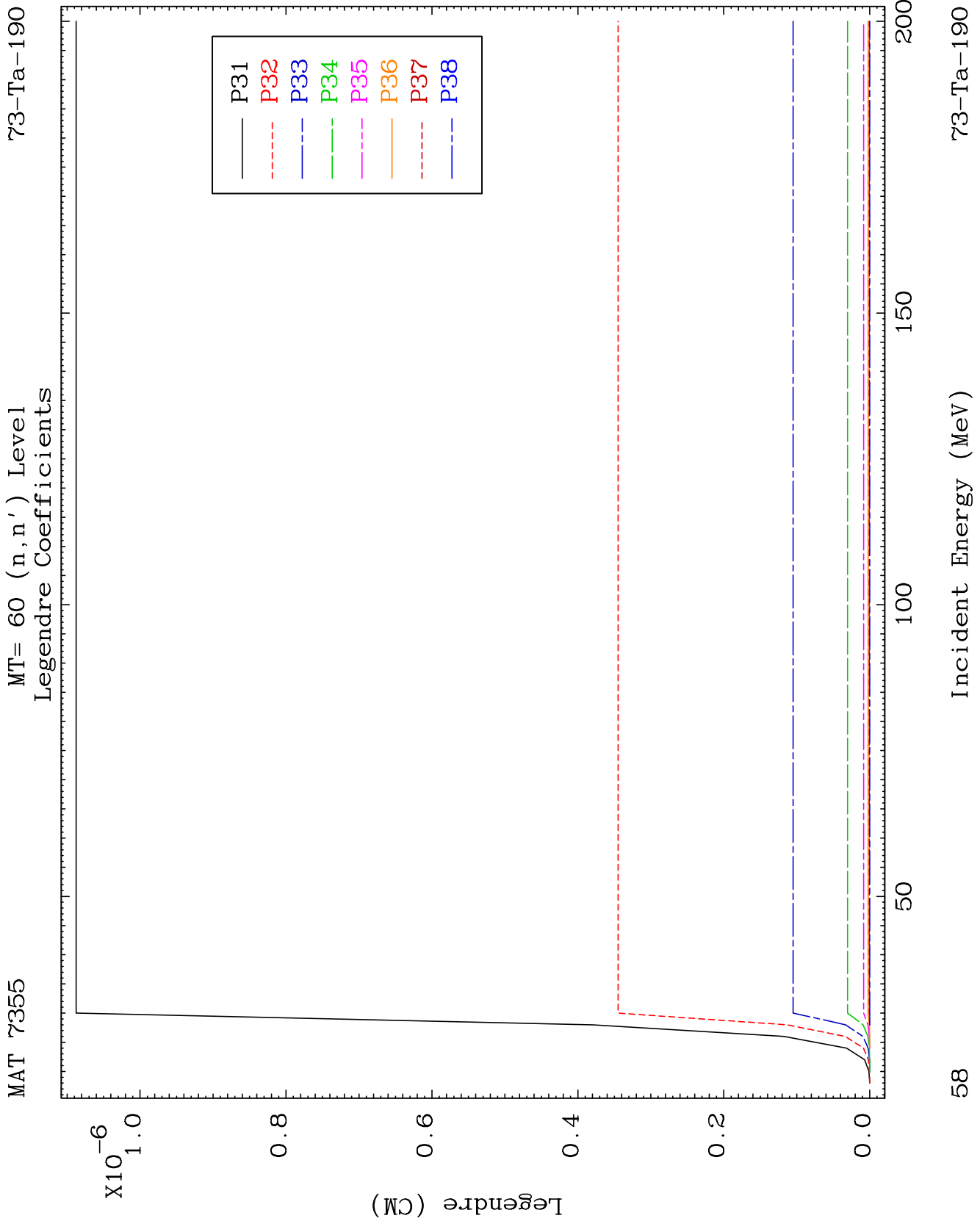


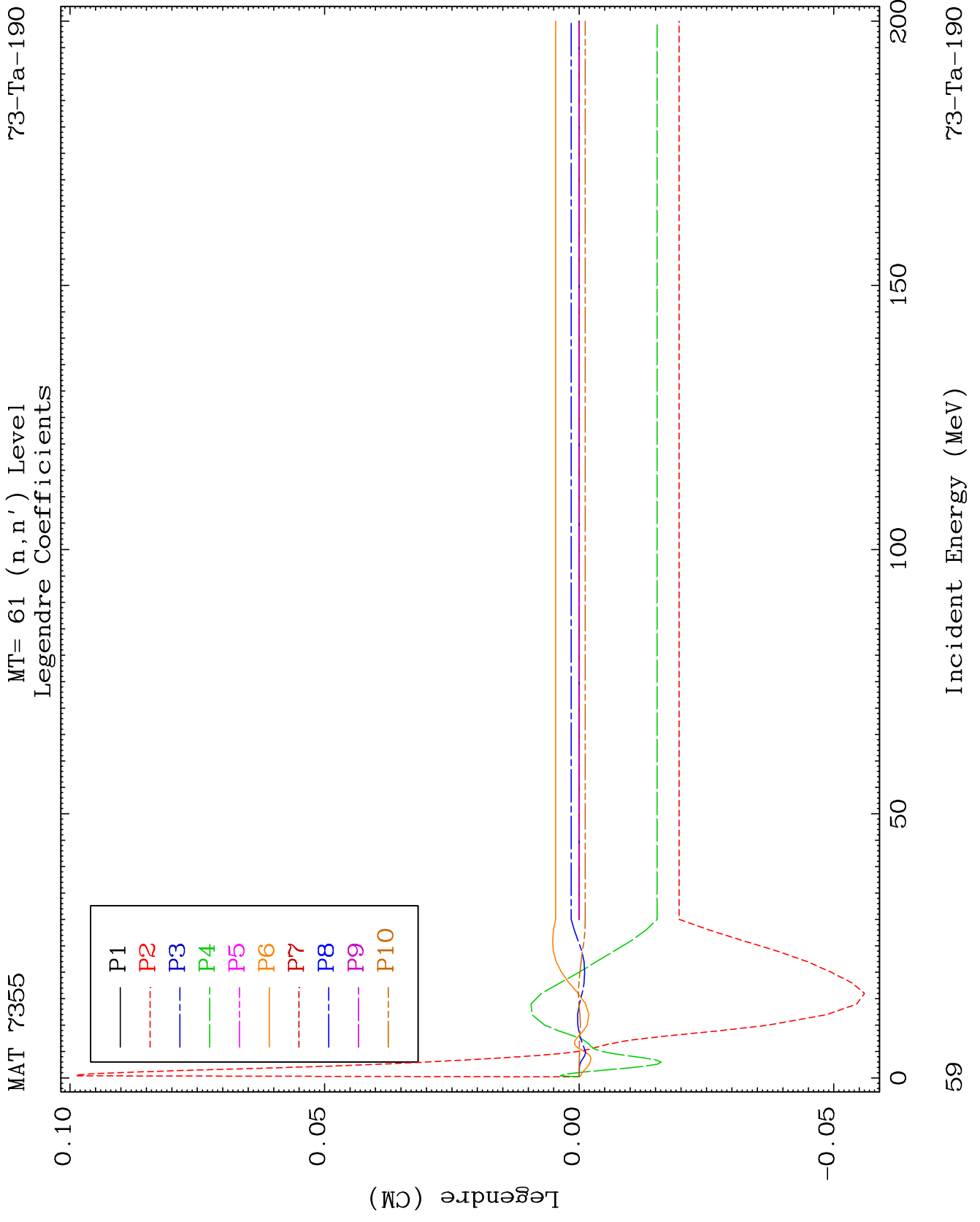
MAT 7355

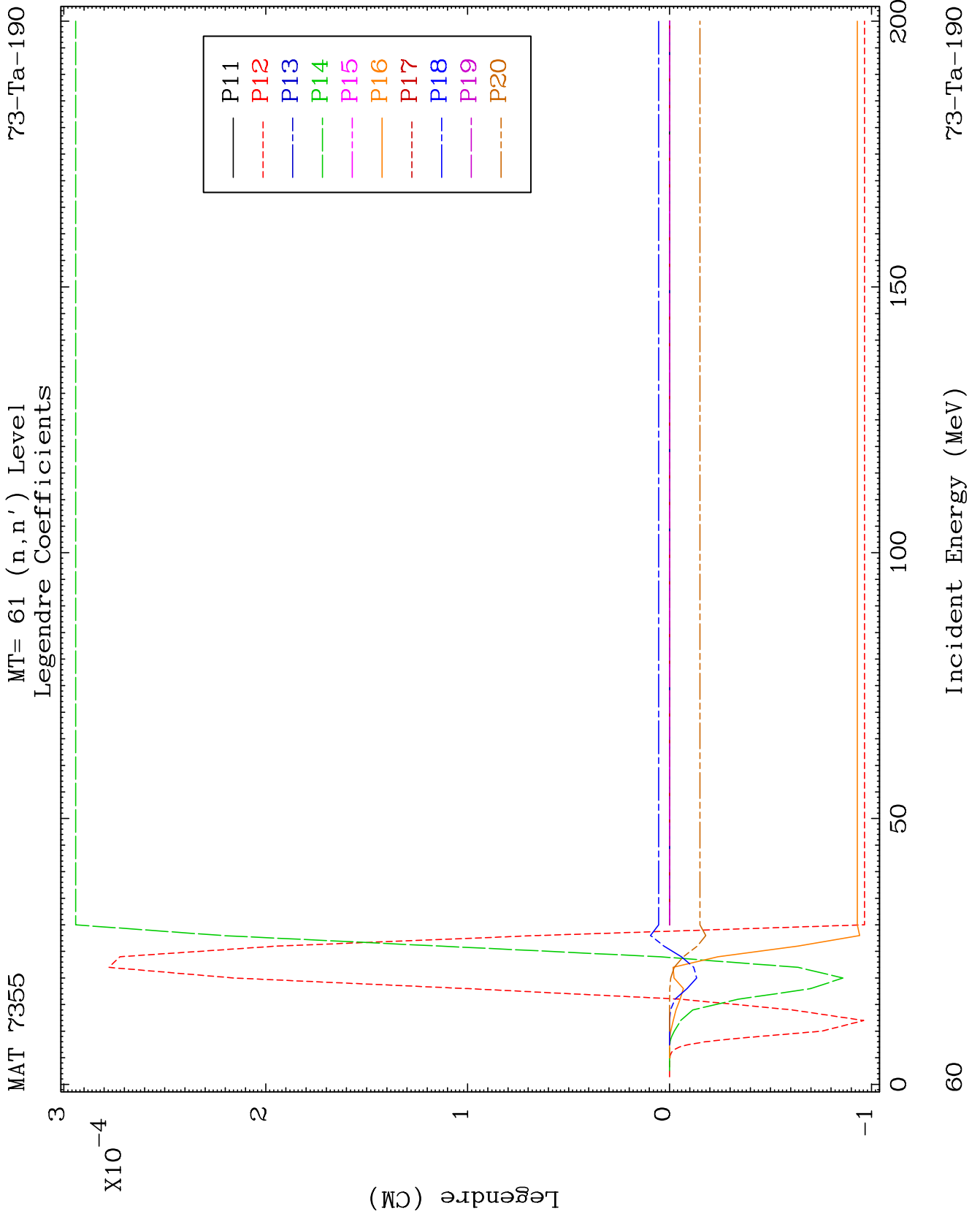
MT= 60 (n,n') Level
Legendre Coefficients

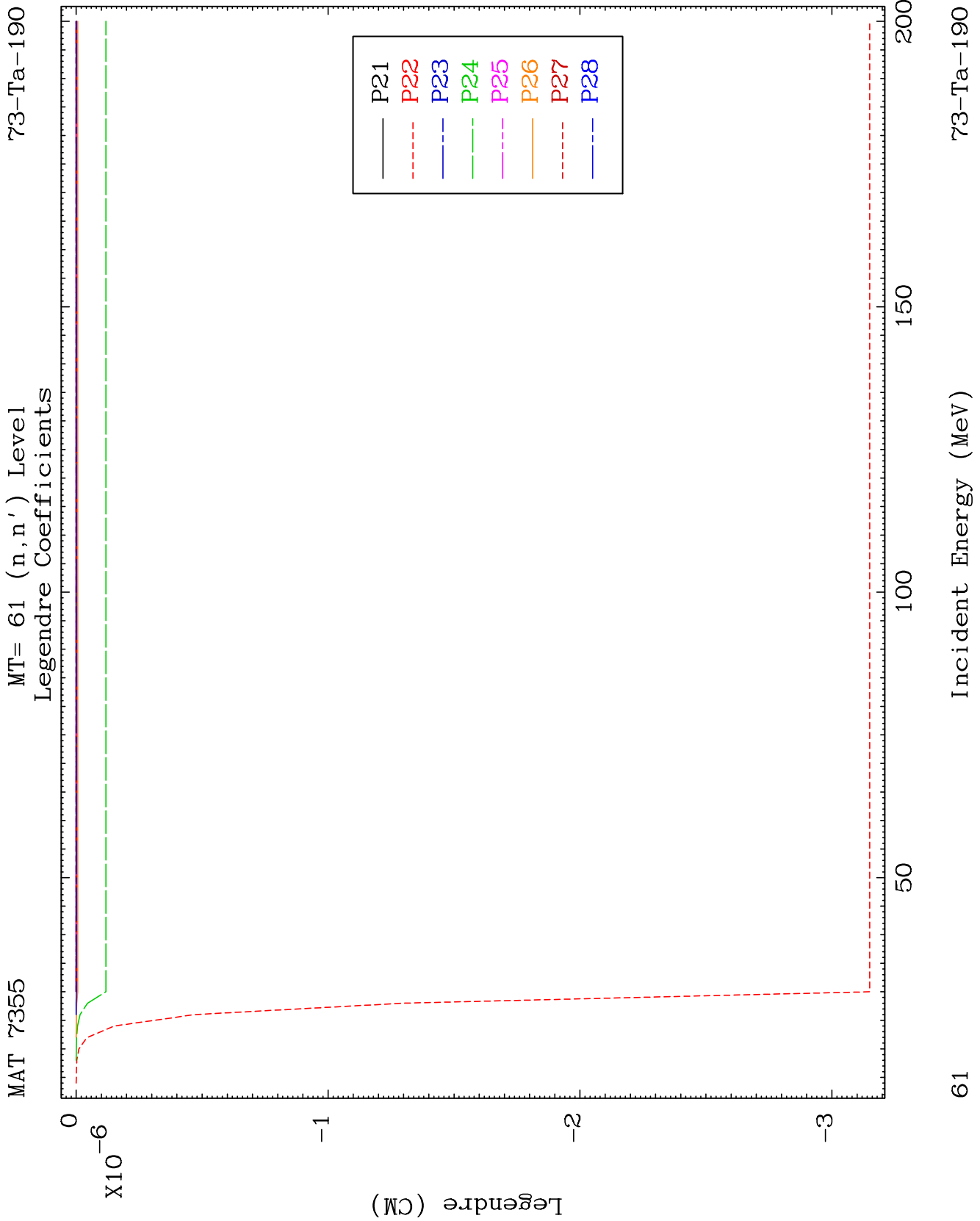
73-Ta-190

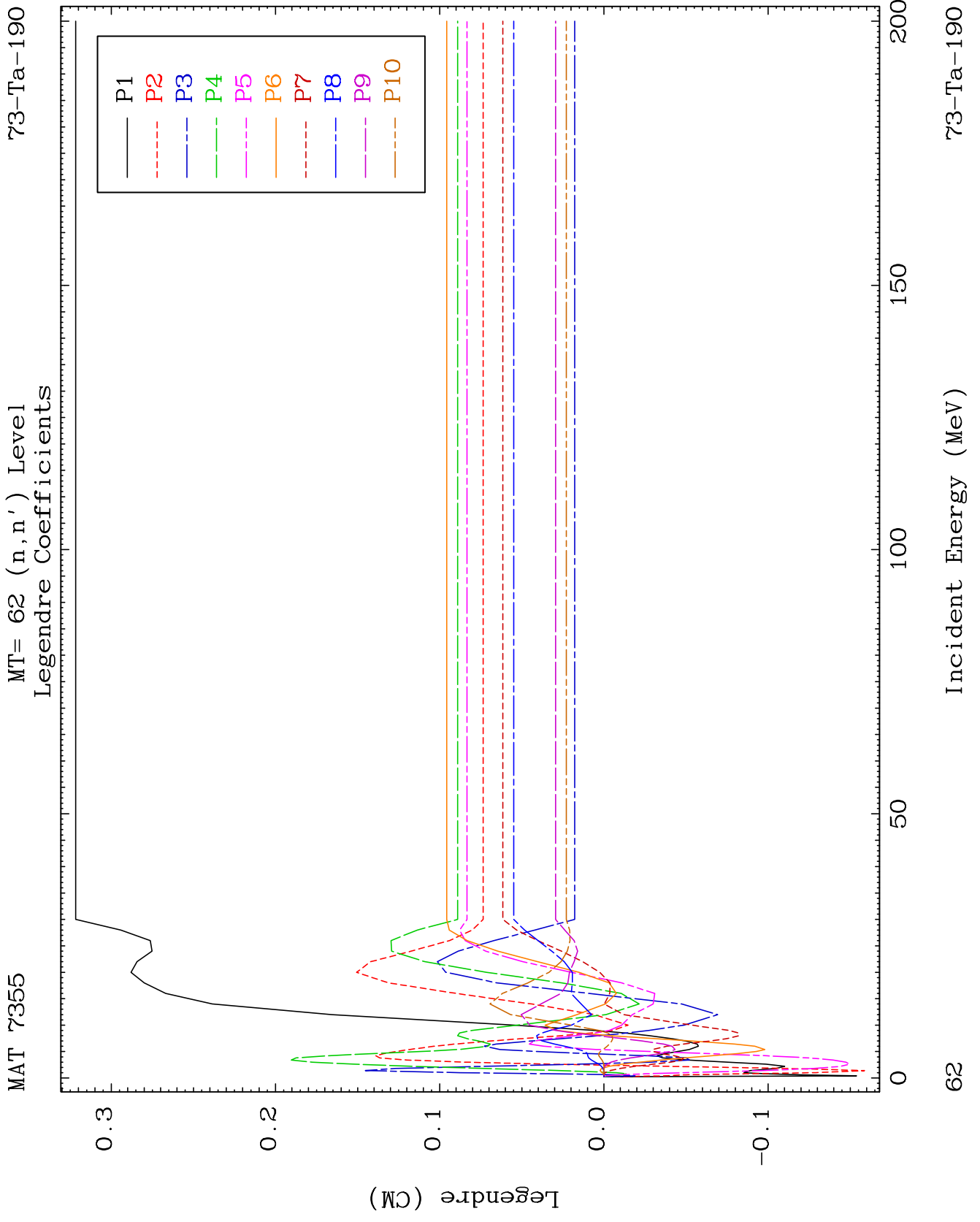


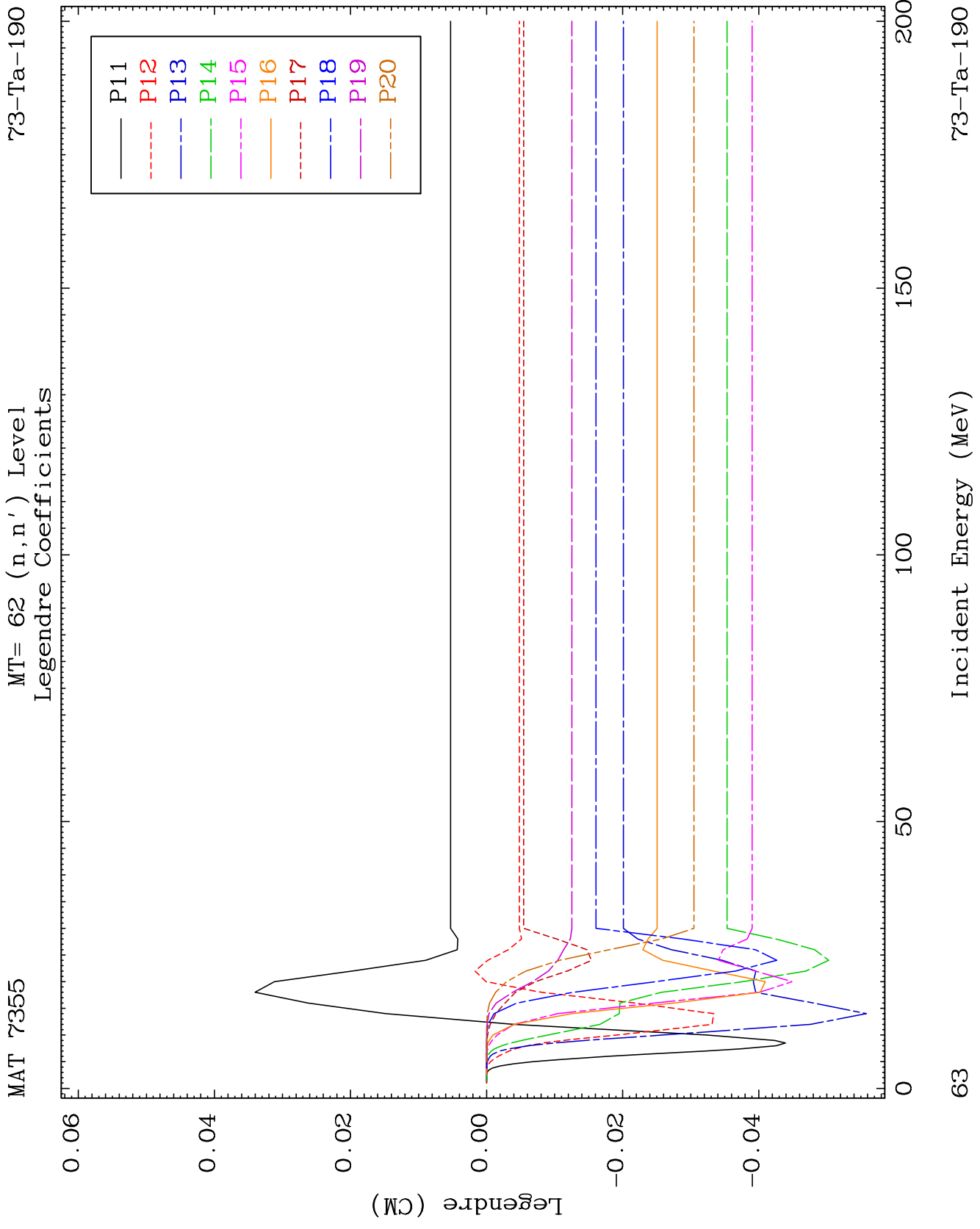


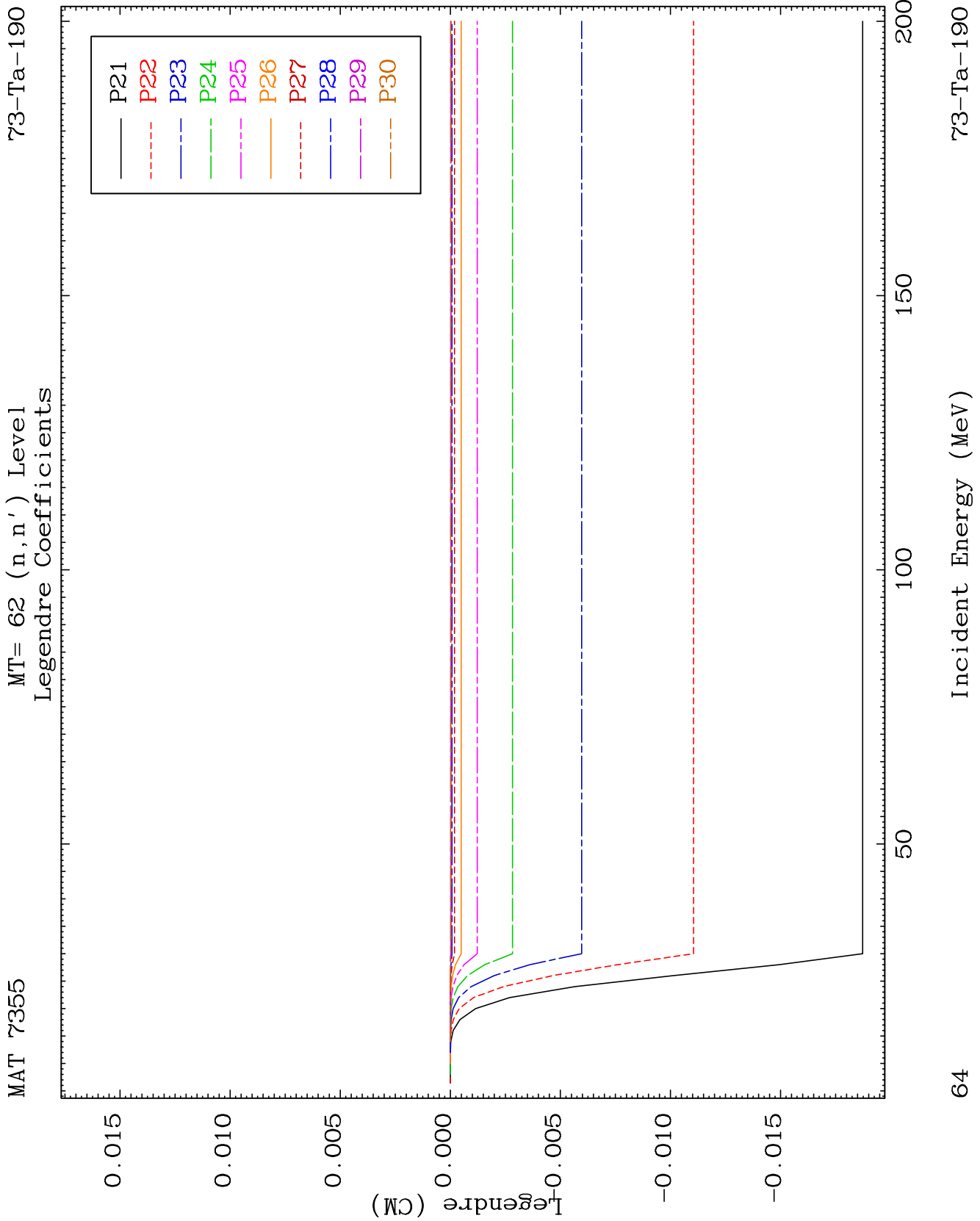


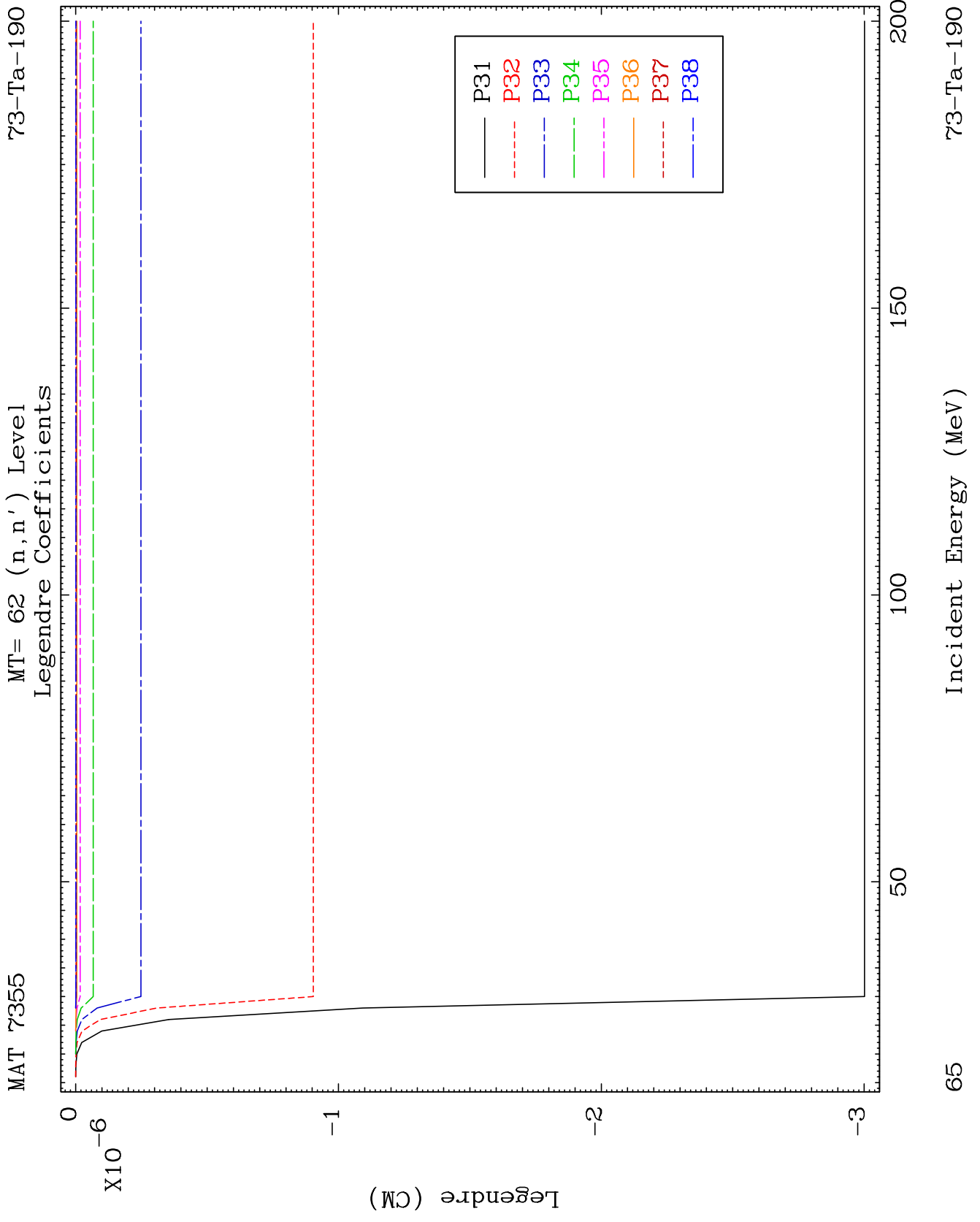


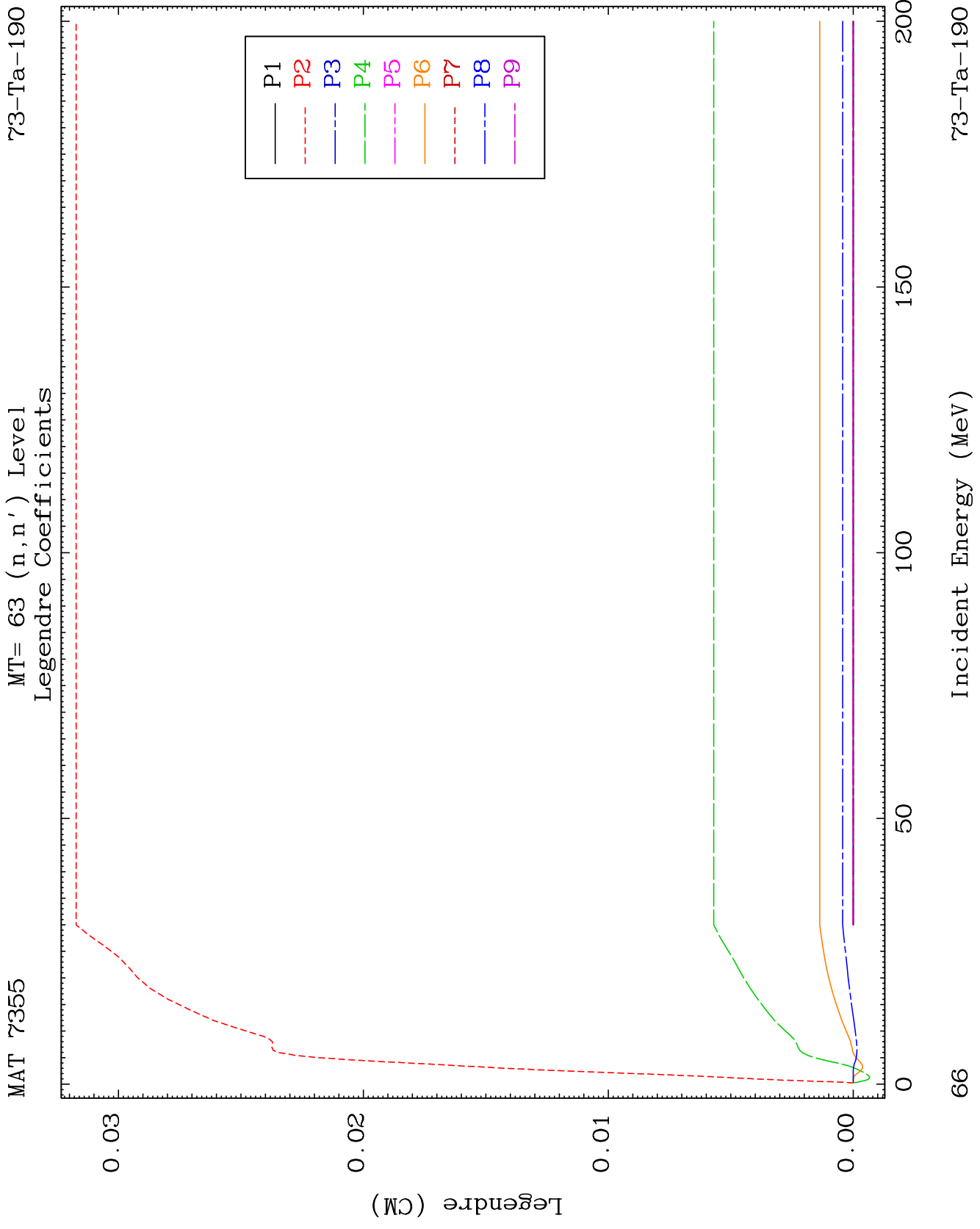


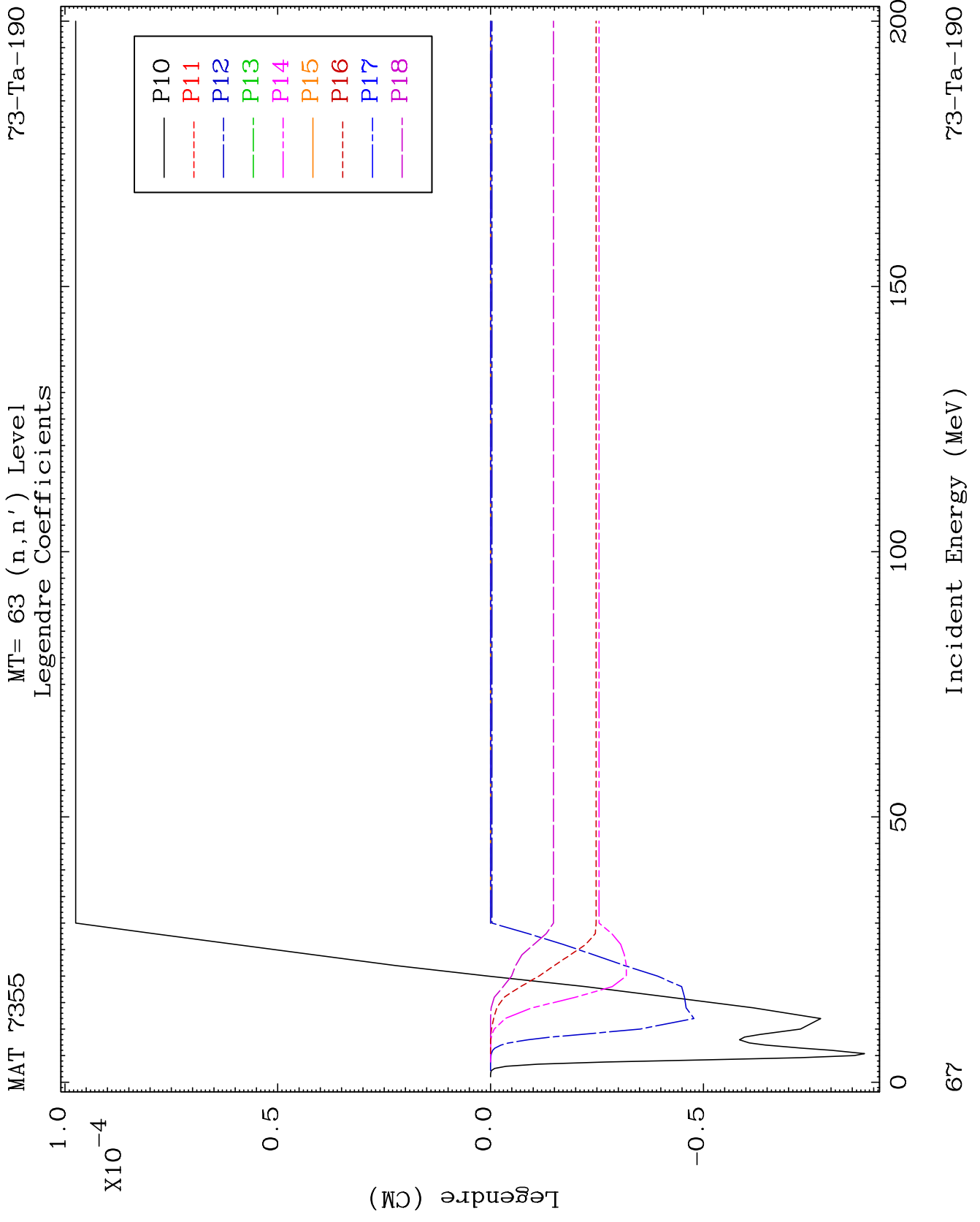


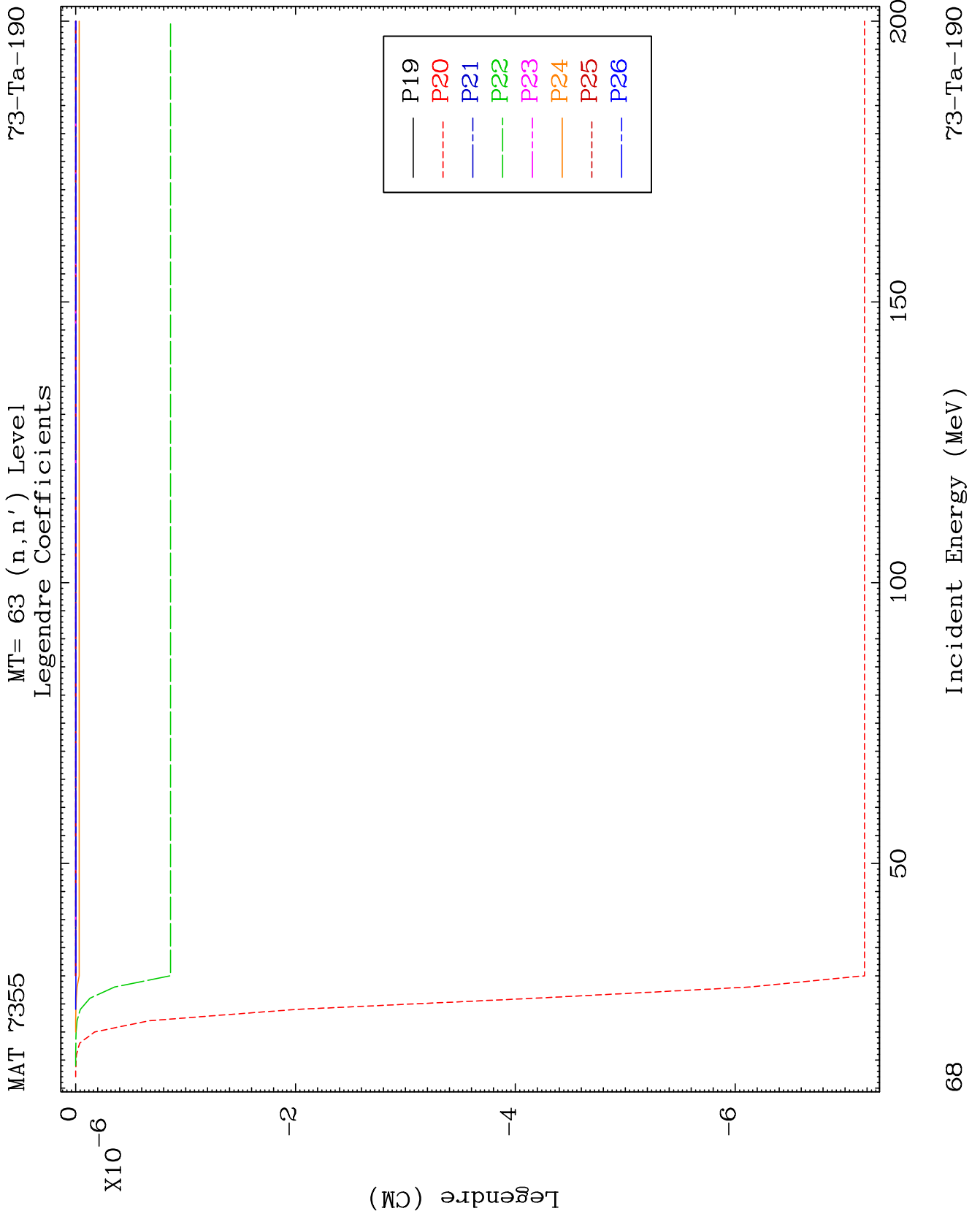








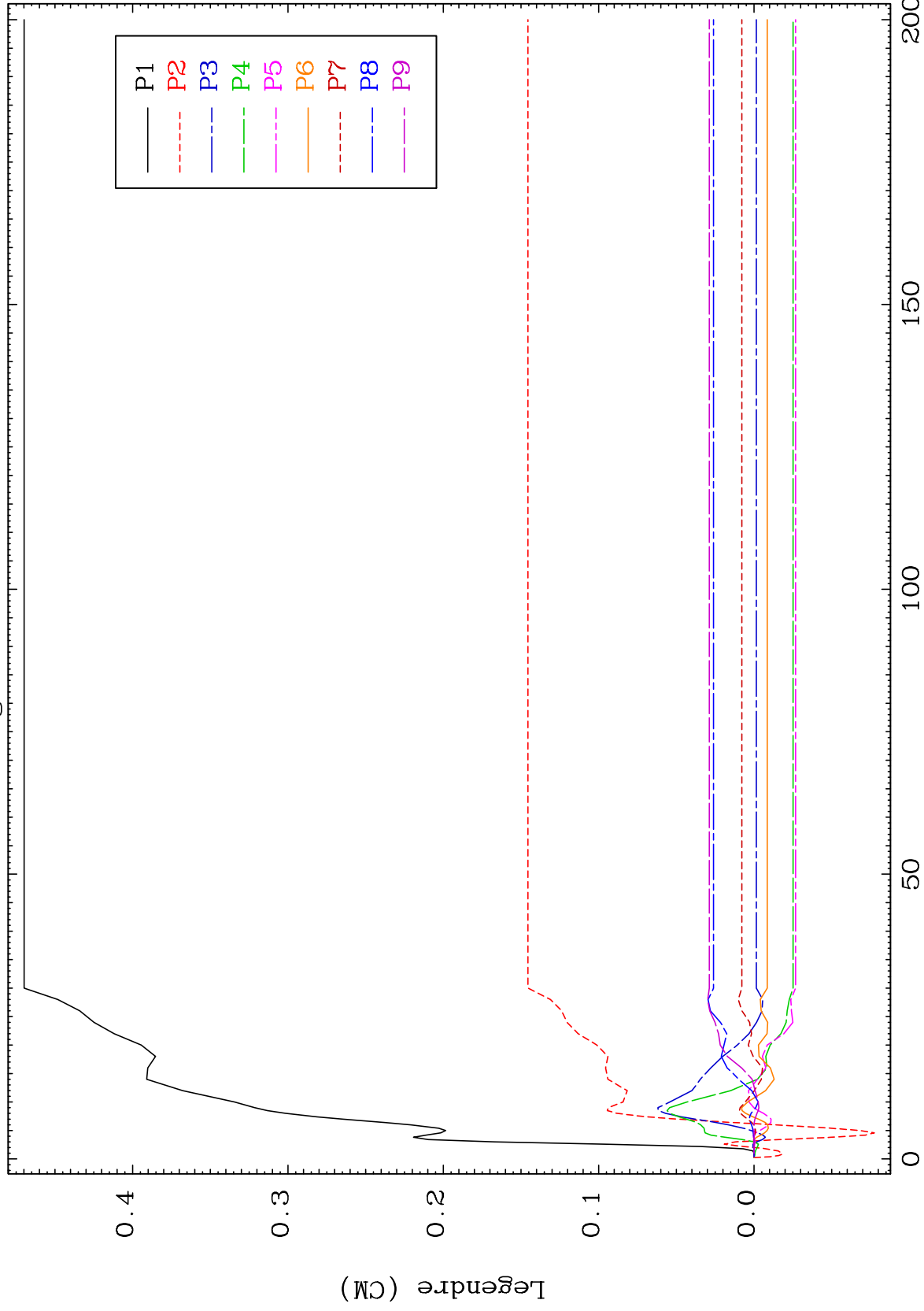




MAT 7355

MT= 64 (n,n') Level
Legendre Coefficients

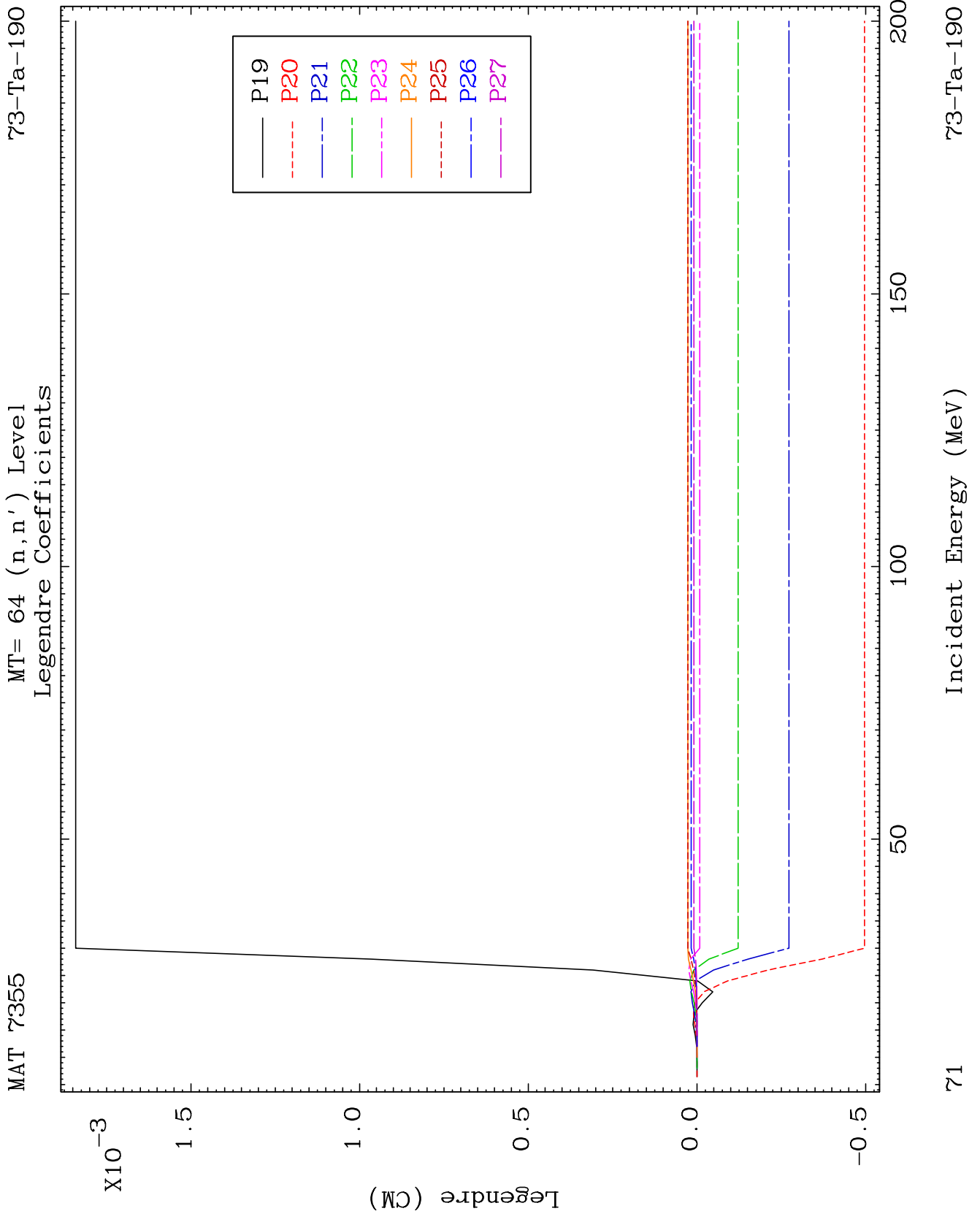
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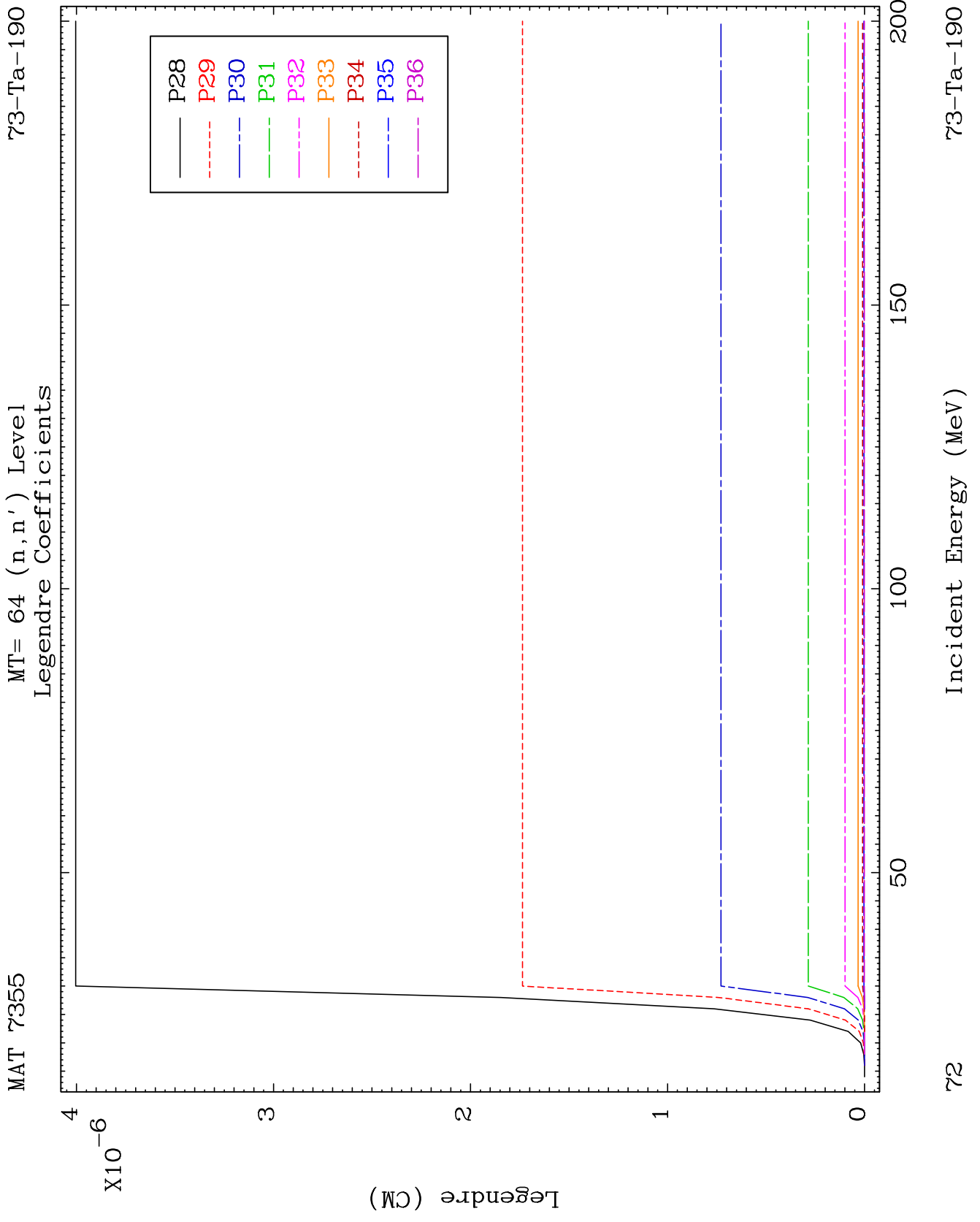


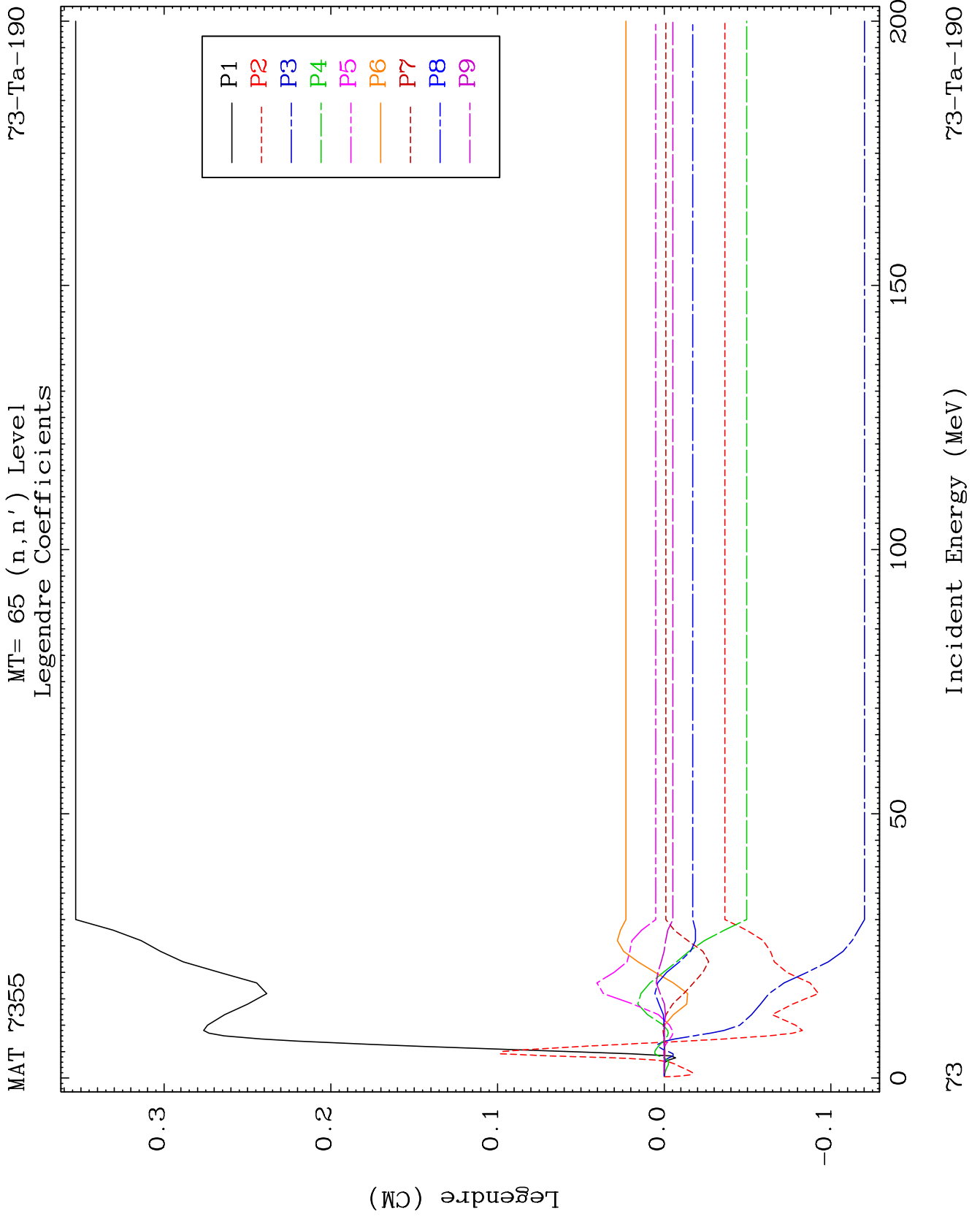
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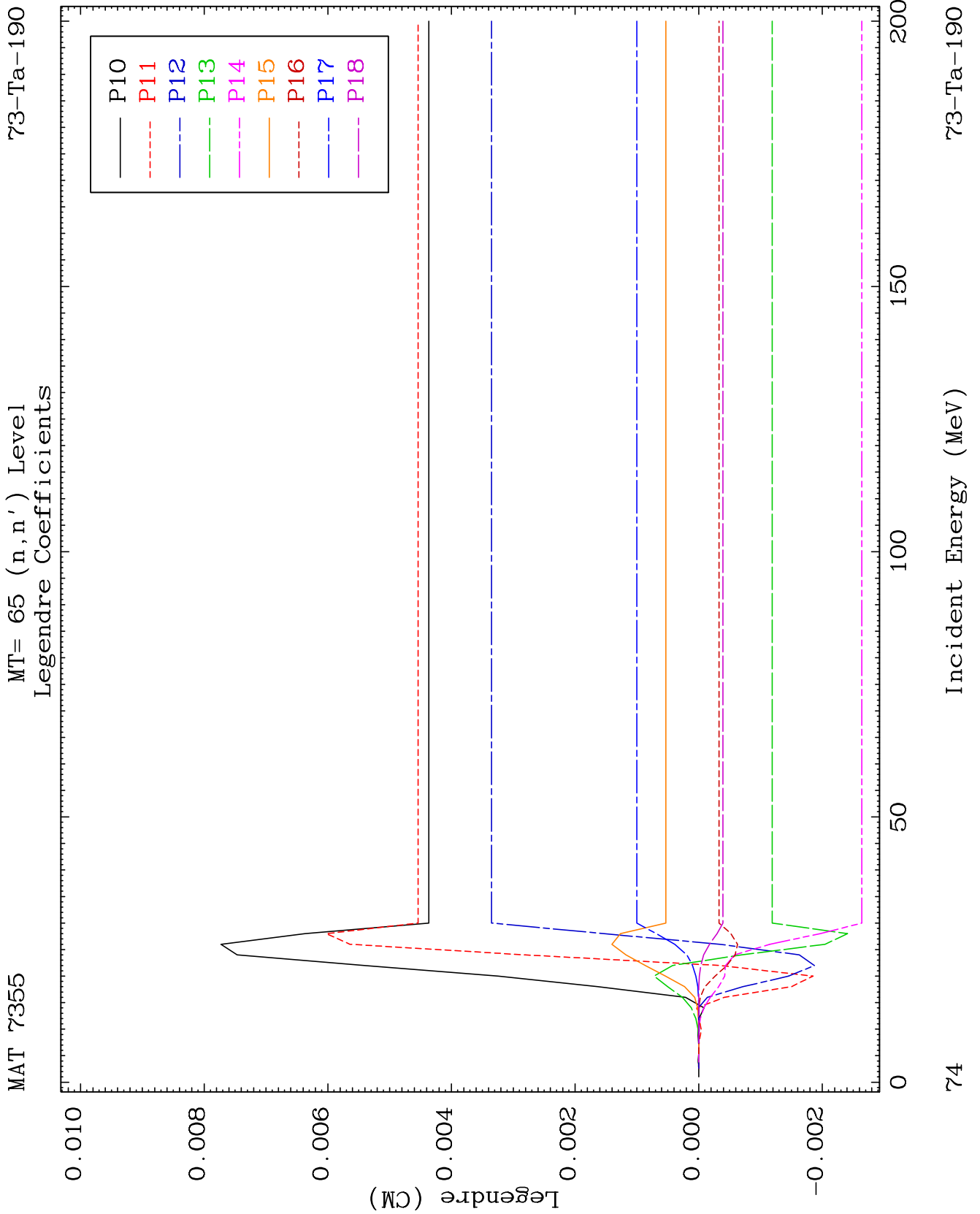
Incident Energy (MeV)

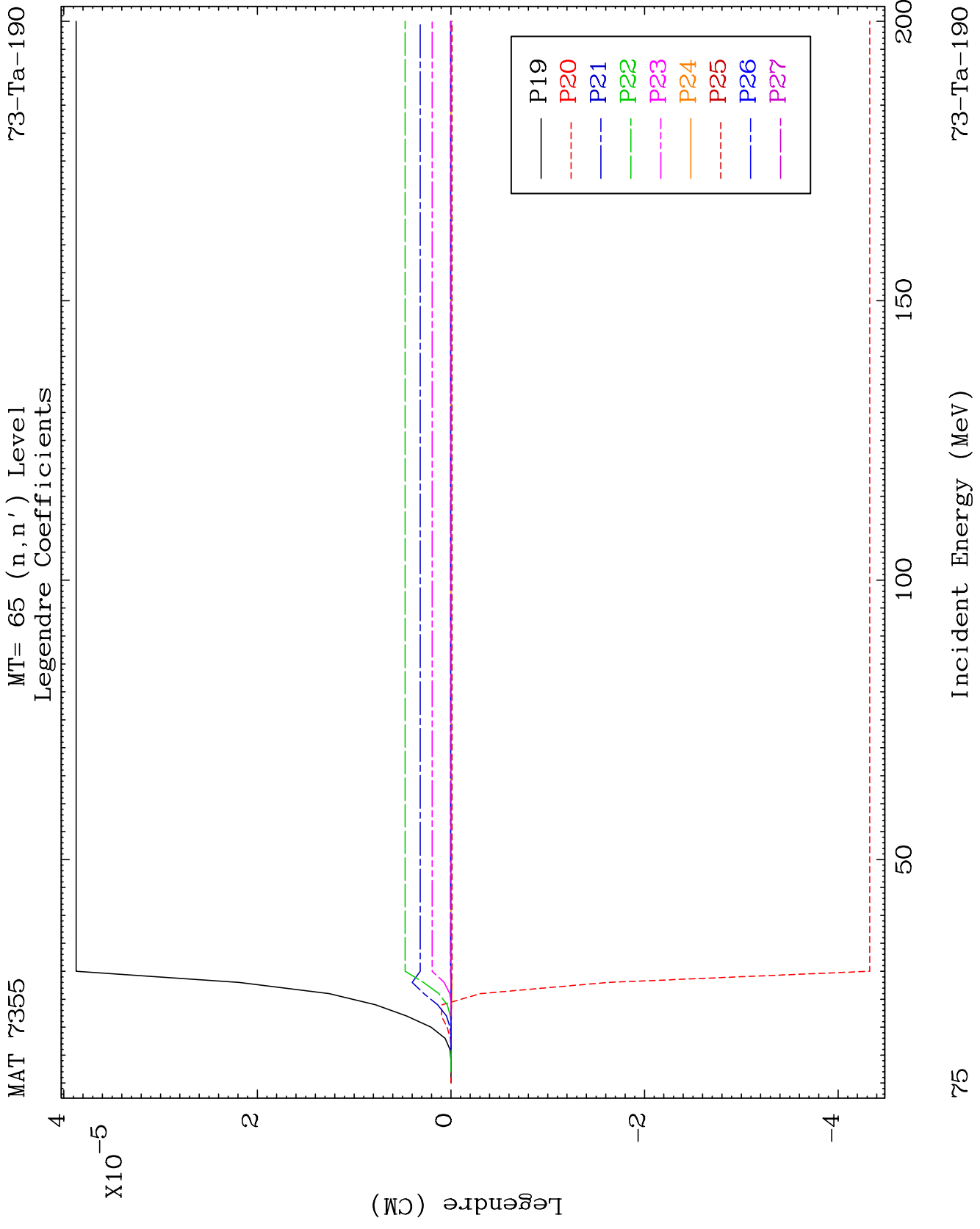
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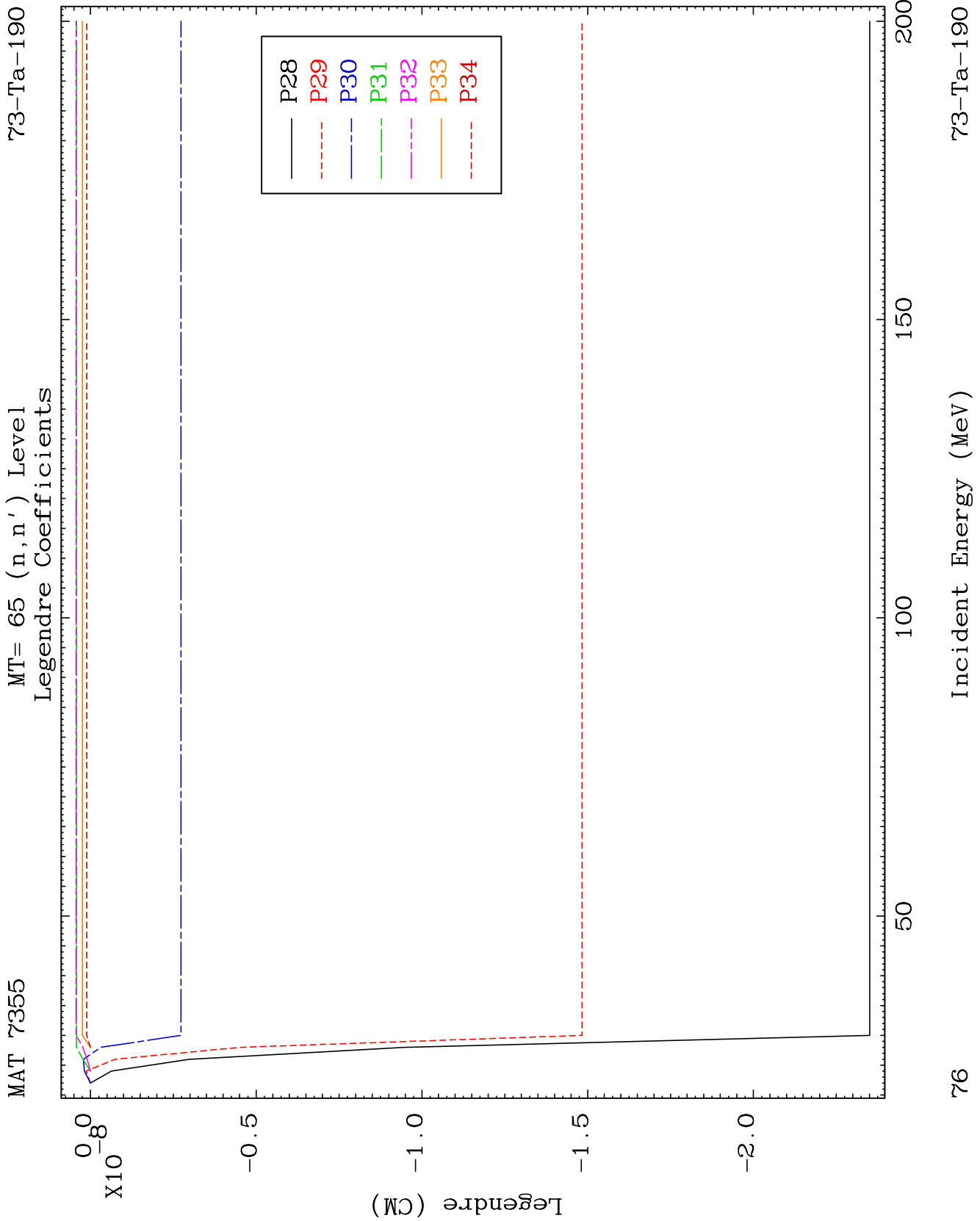








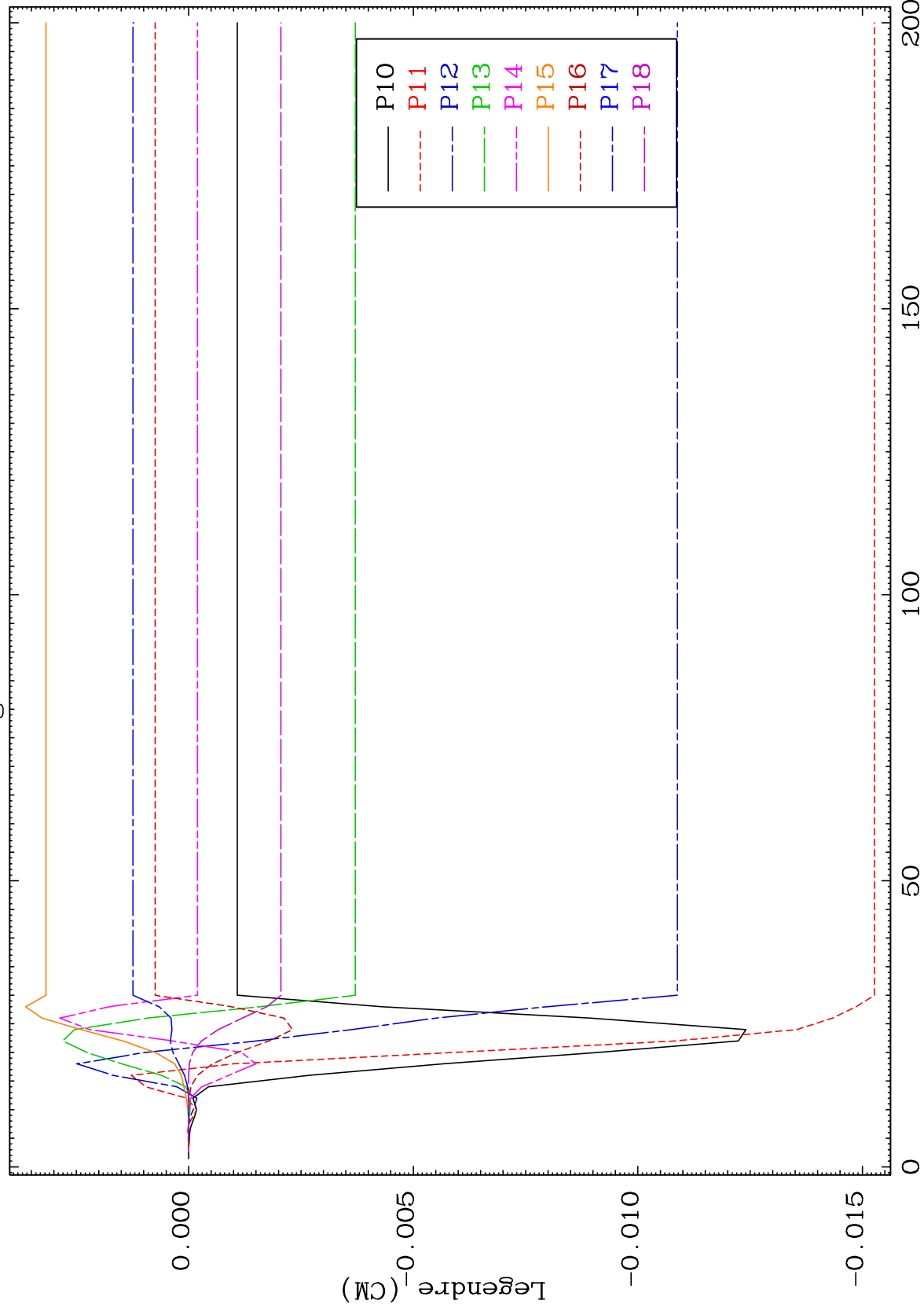




MAT 7355

MT= 66 (n,n') Level
Legendre Coefficients

73-Ta-190



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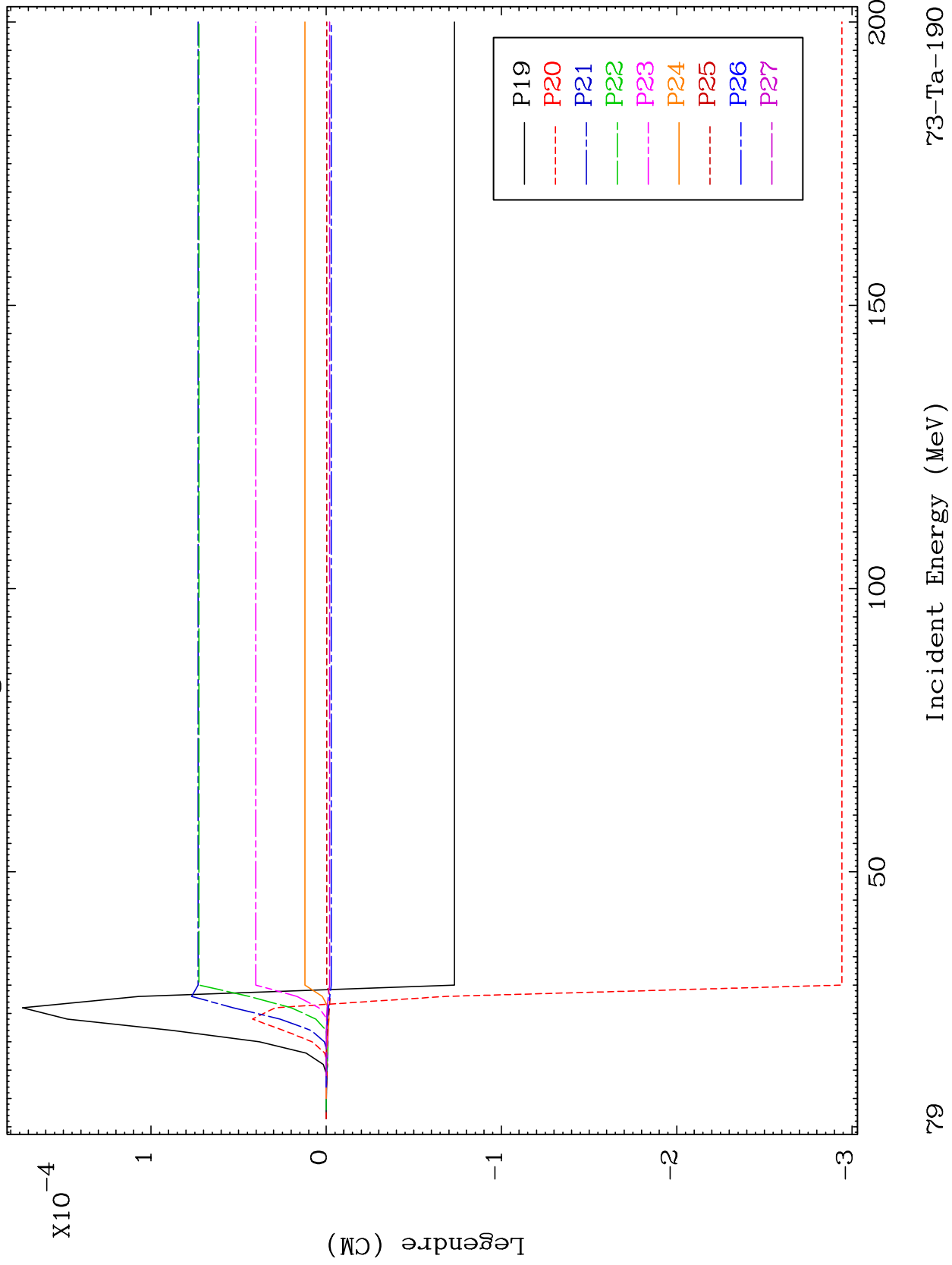
Incident Energy (MeV)

73-Ta-190

MAT 7355

MT= 66 (n,n') Level
Legendre Coefficients

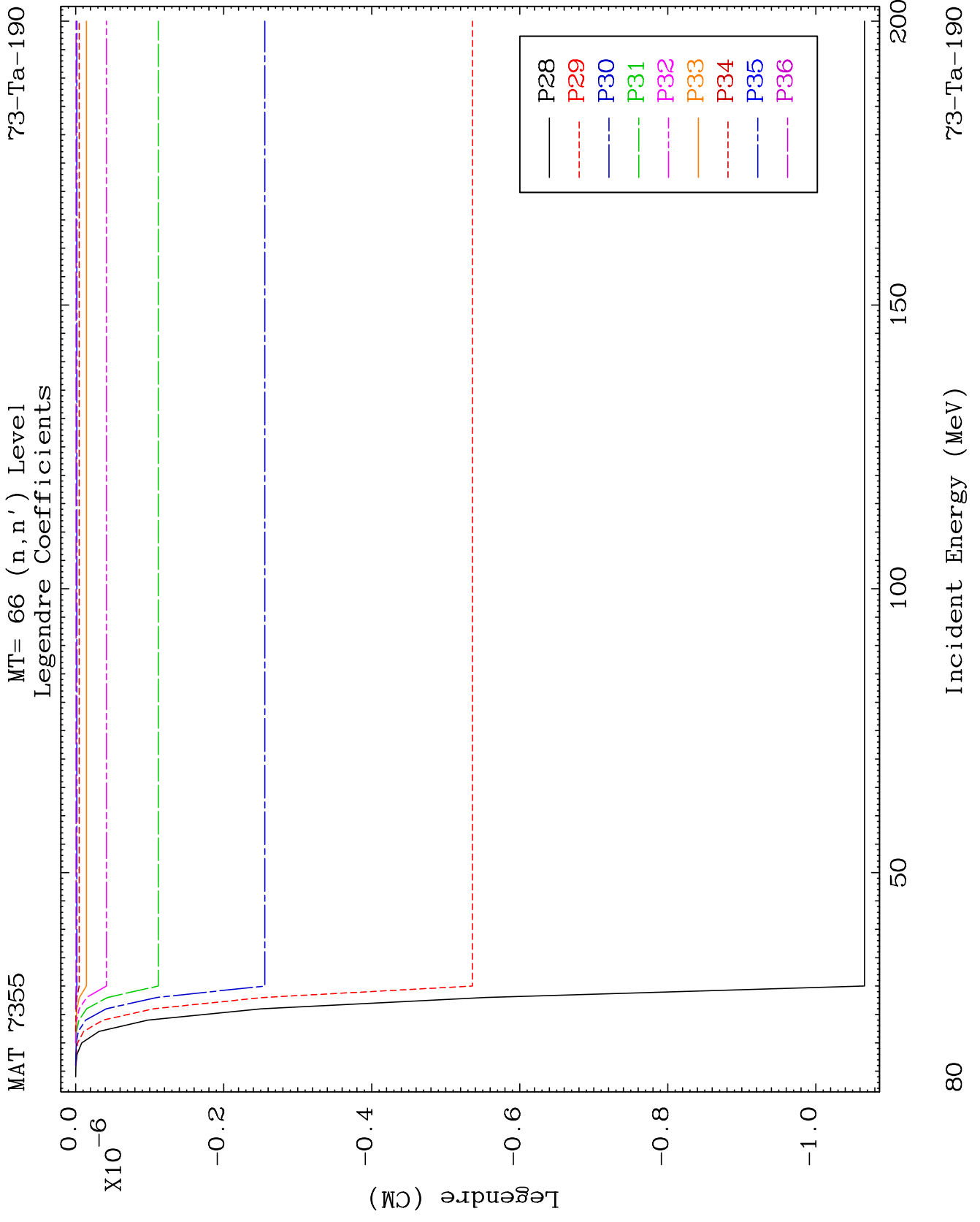
73-Ta-190



79

Incident Energy (MeV)

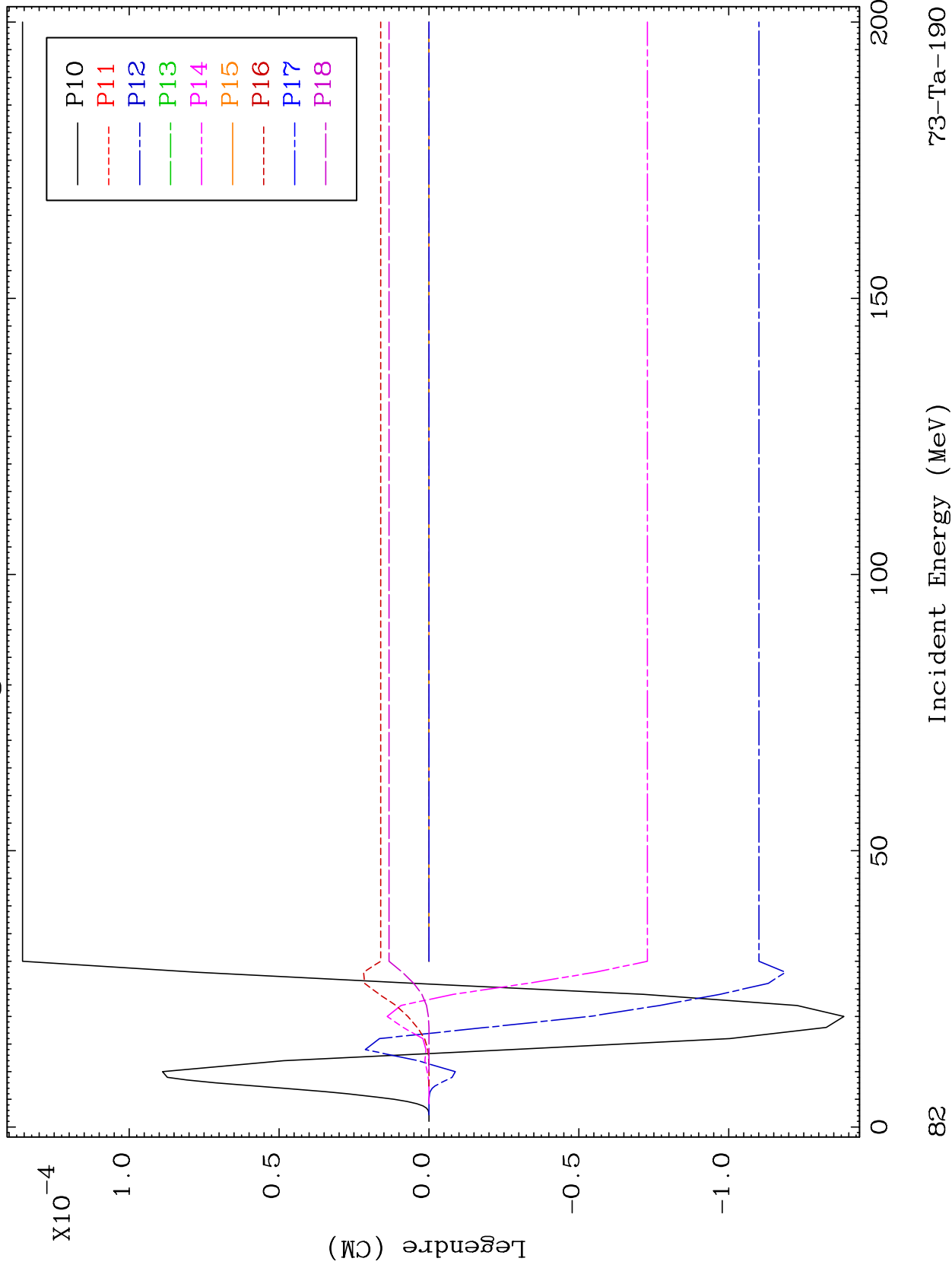
73-Ta-190

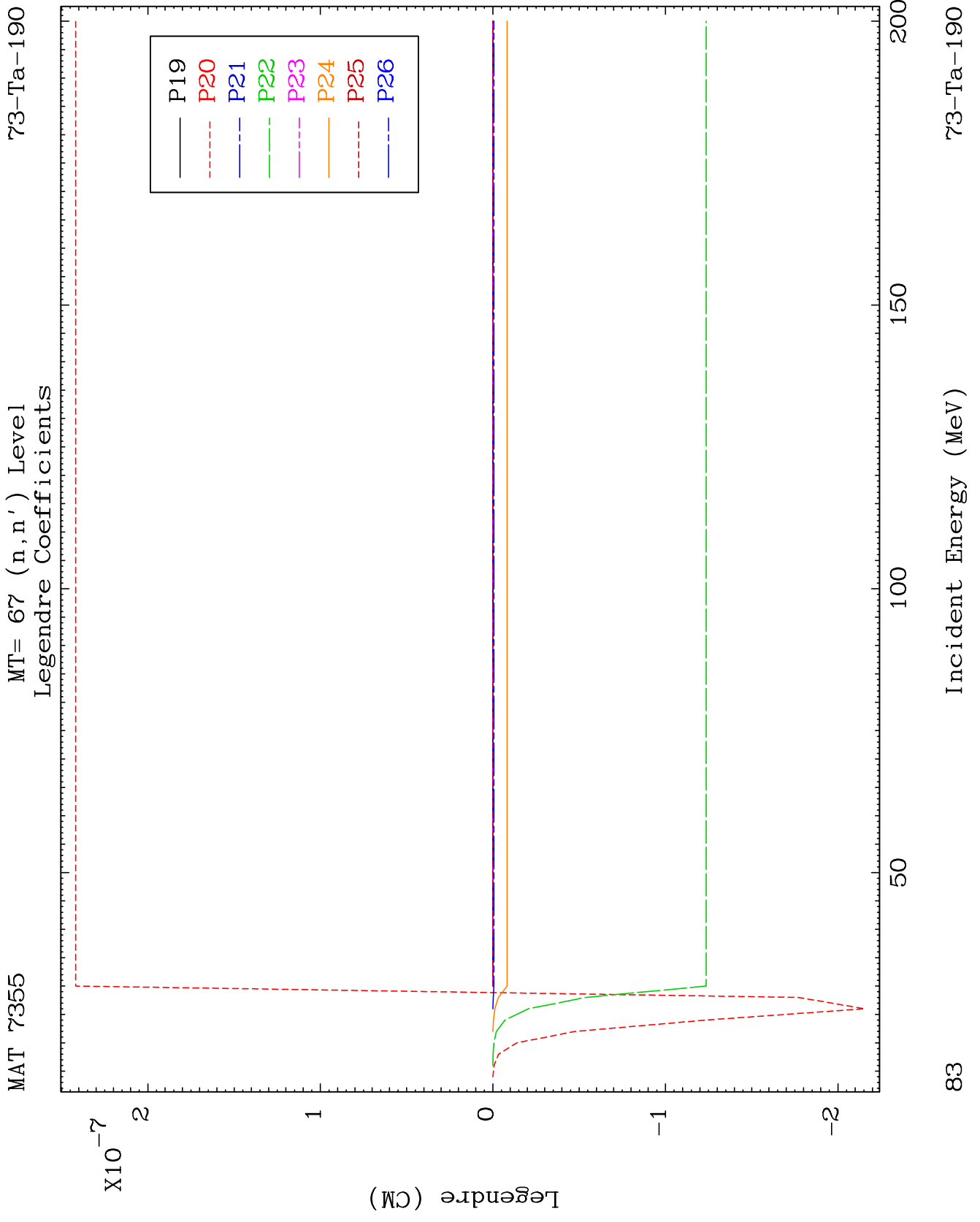


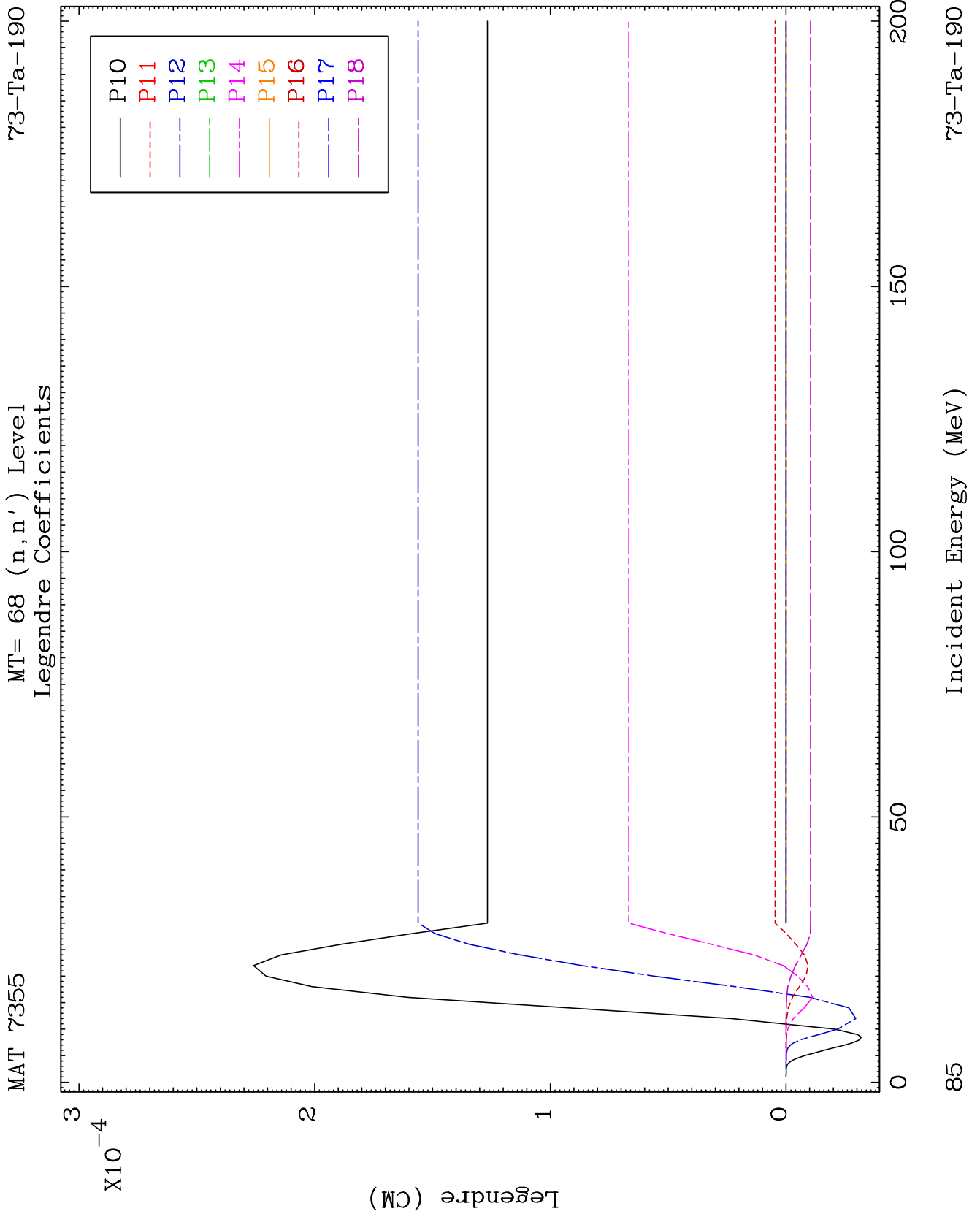
MAT 7355

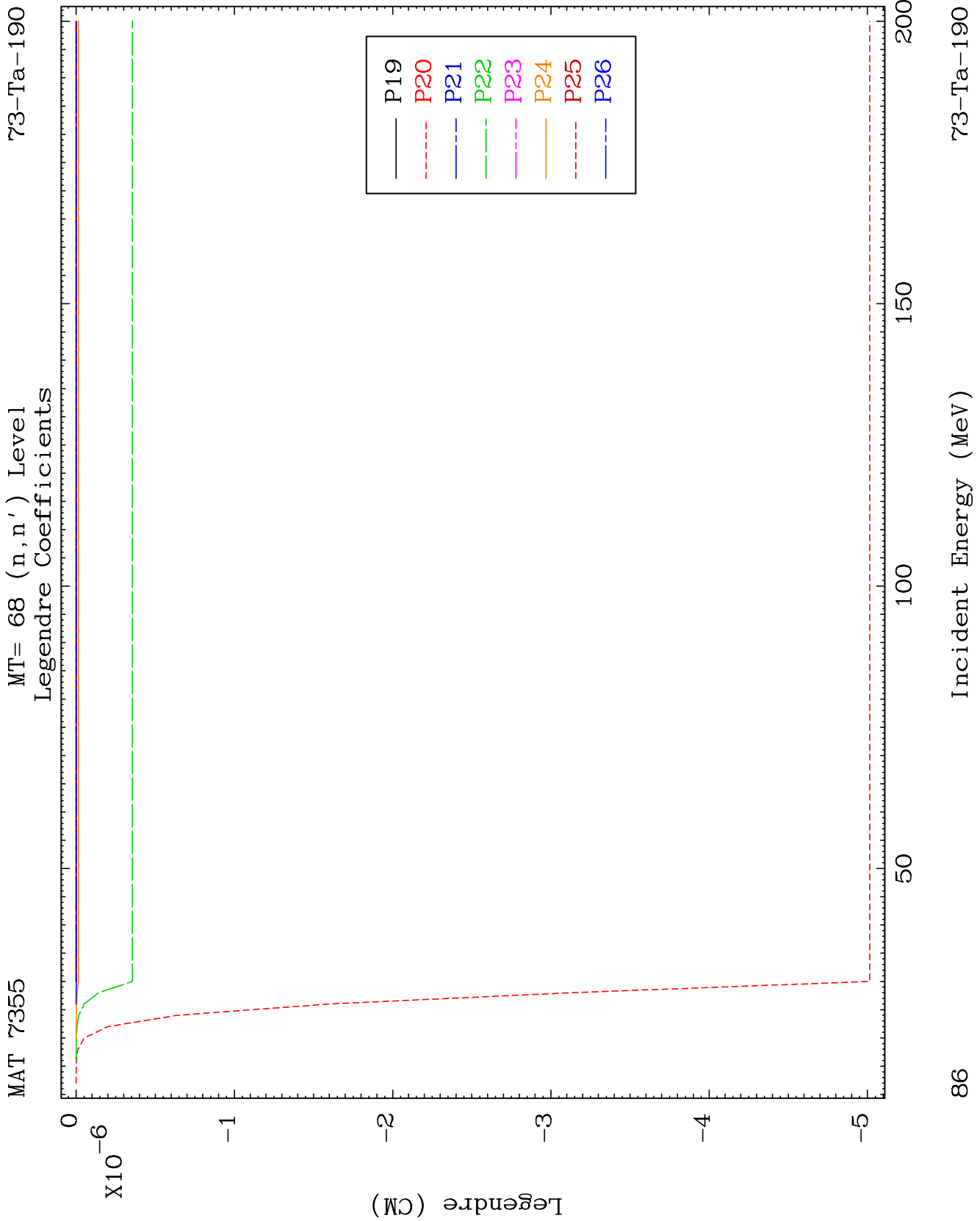
MT= 67 (n,n') Level
Legendre Coefficients

73-Ta-190





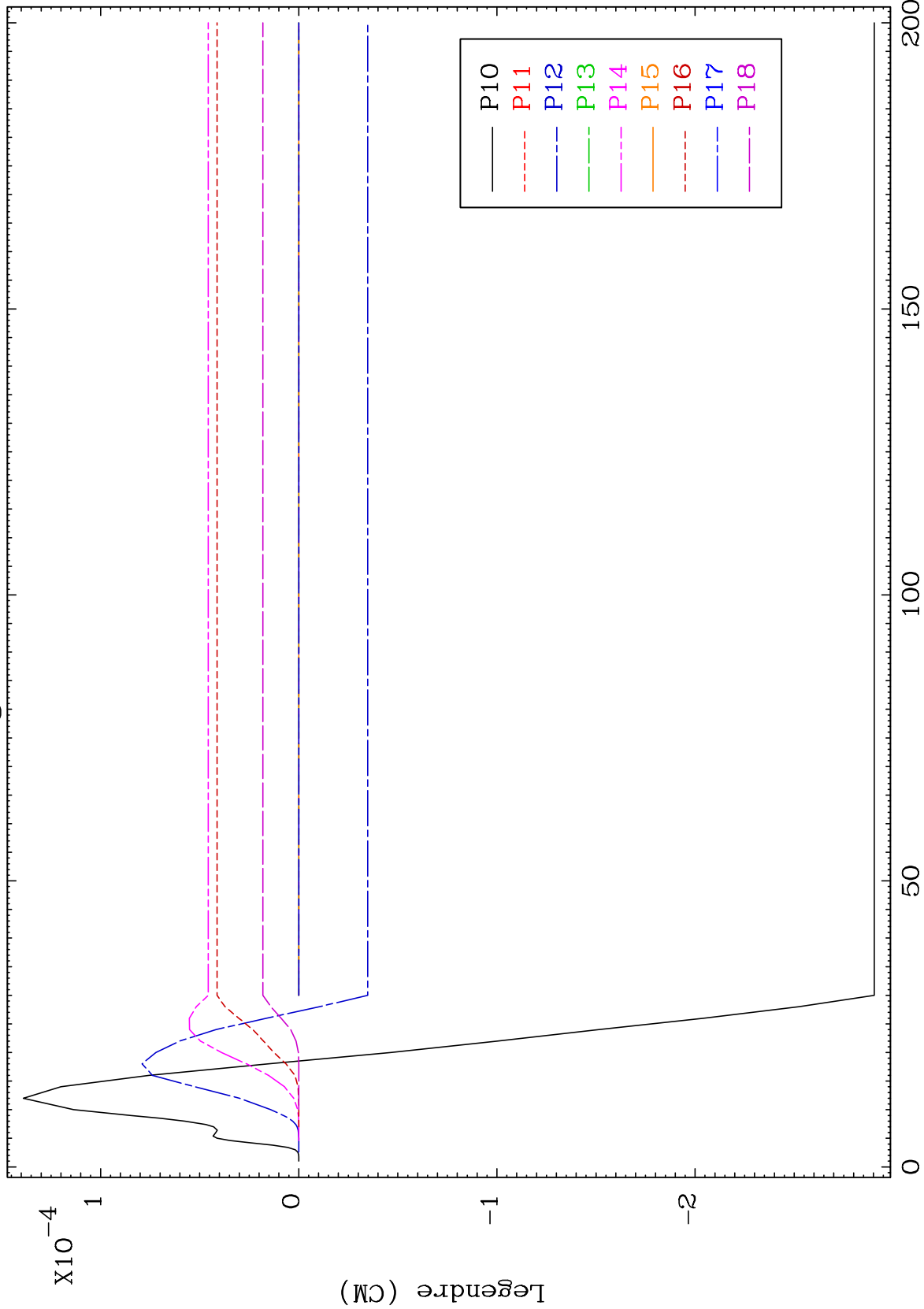




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MT= 69 (n,n') Level
Legendre Coefficients

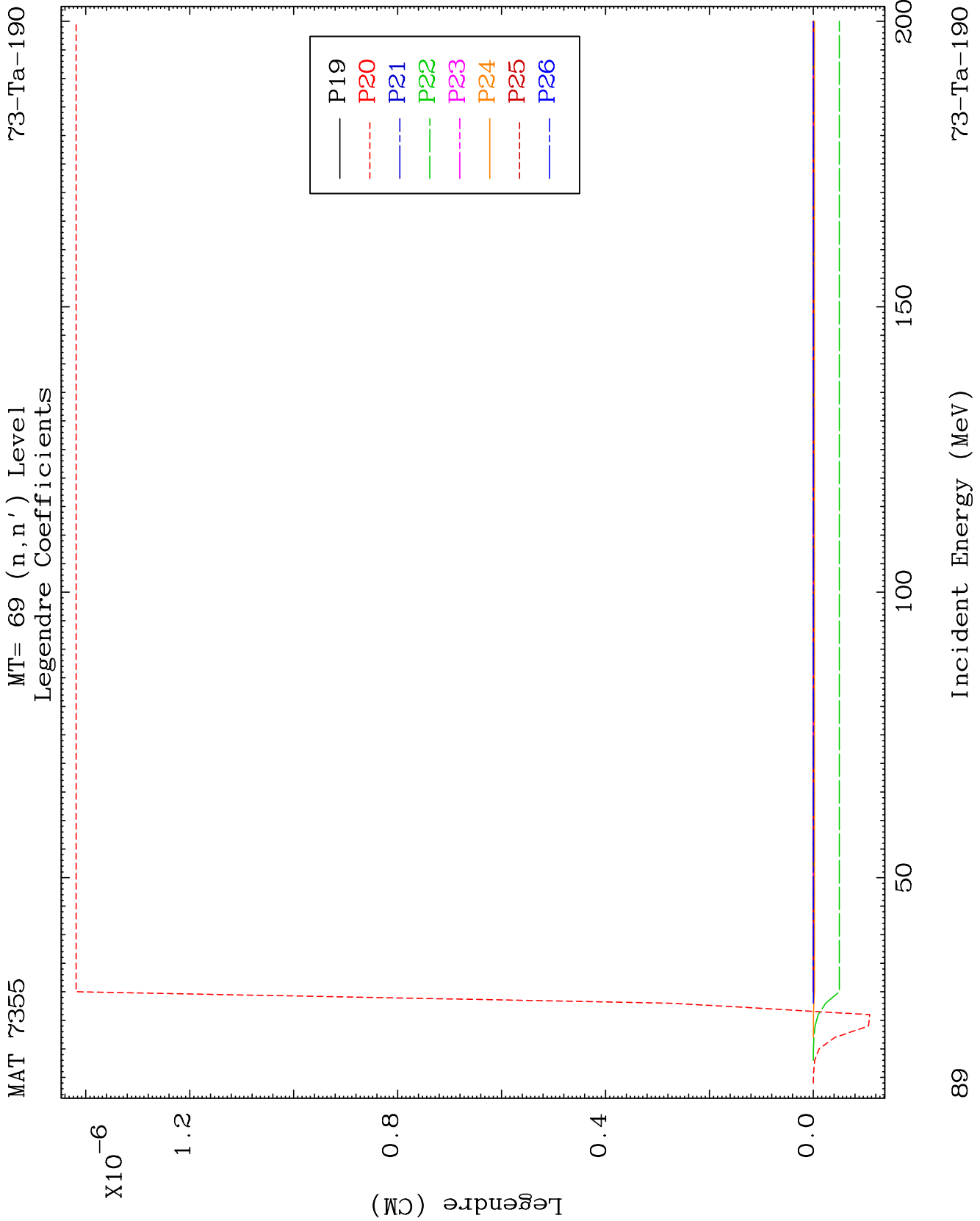
73-Ta-190

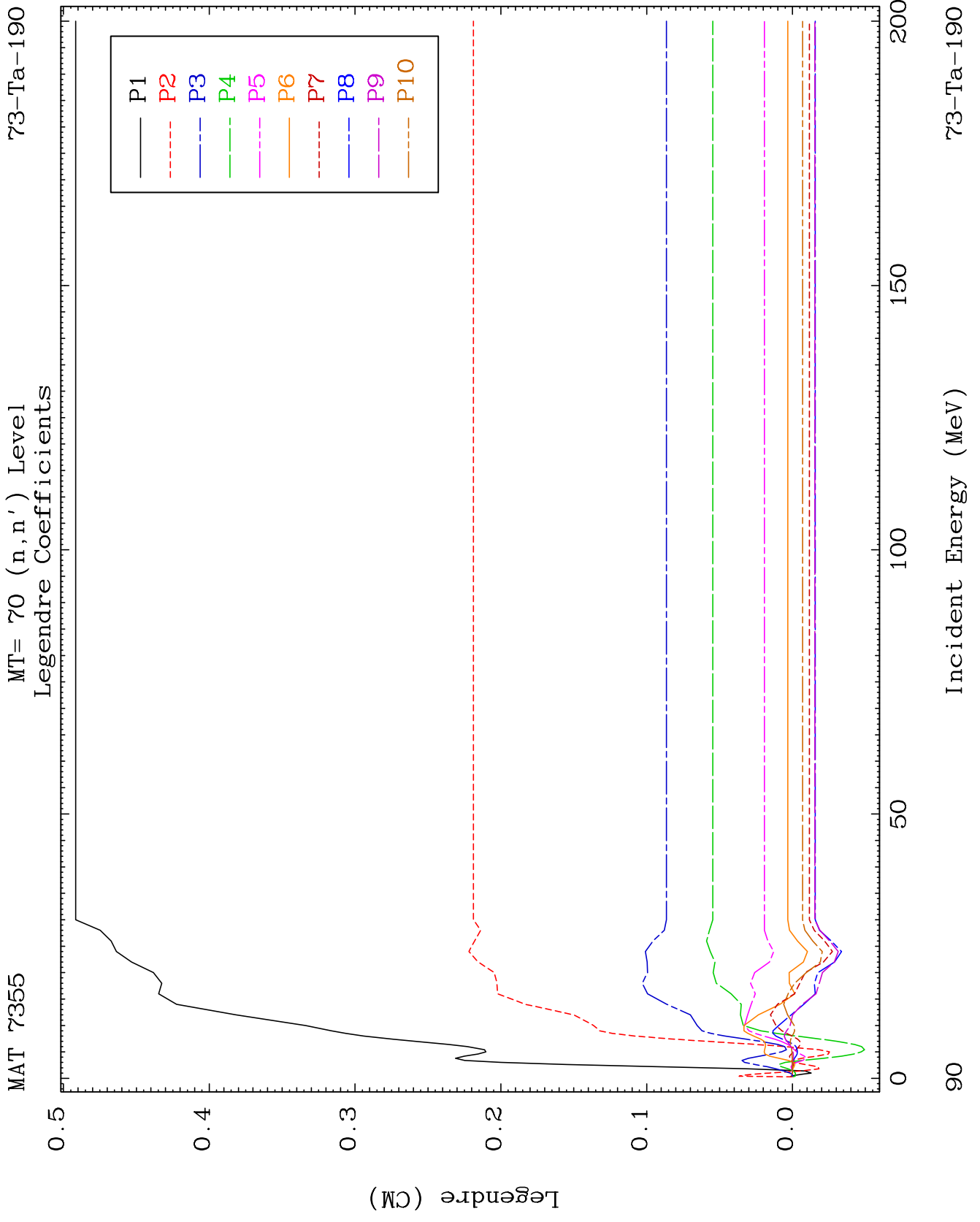


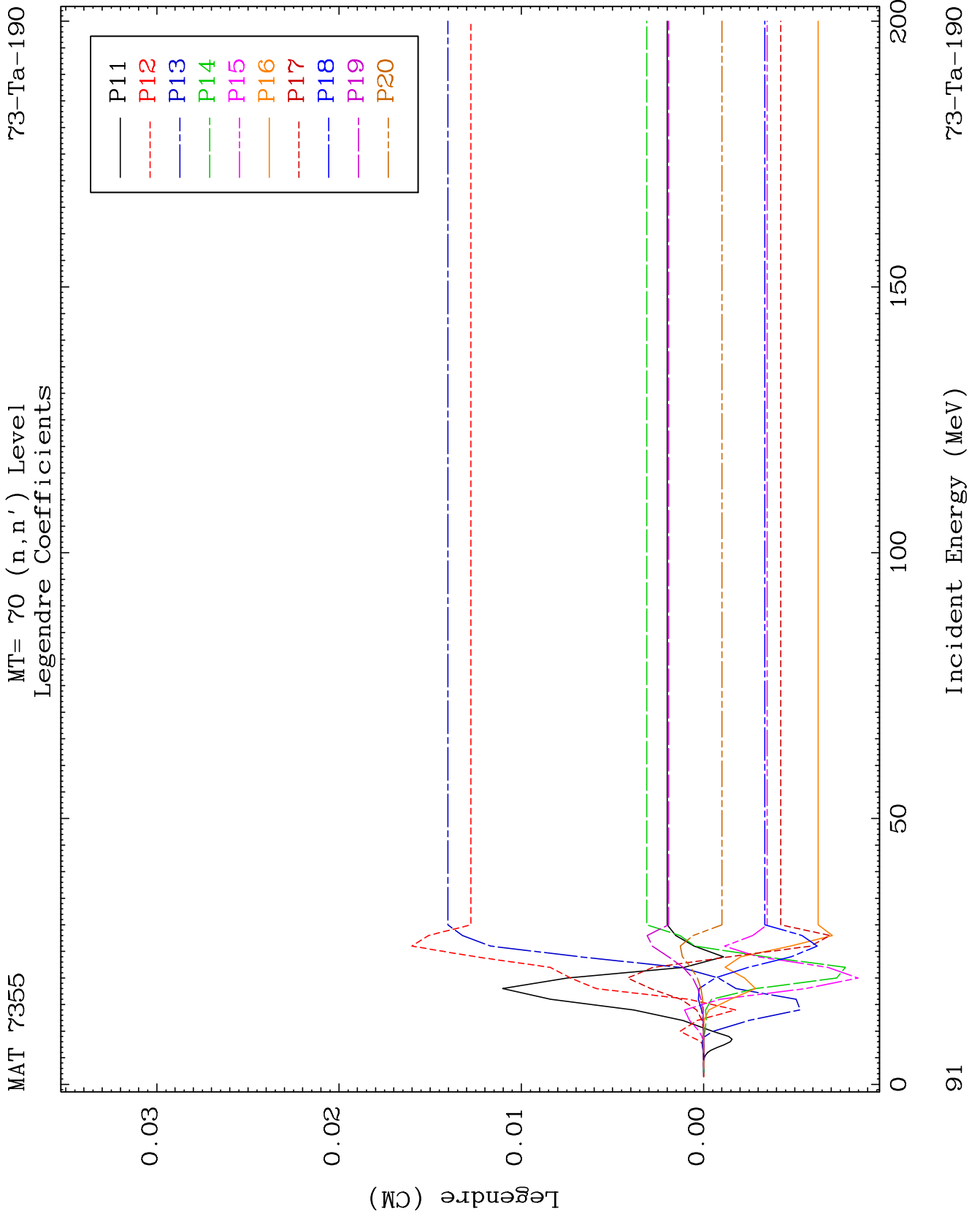
88

Incident Energy (MeV)

73-Ta-190



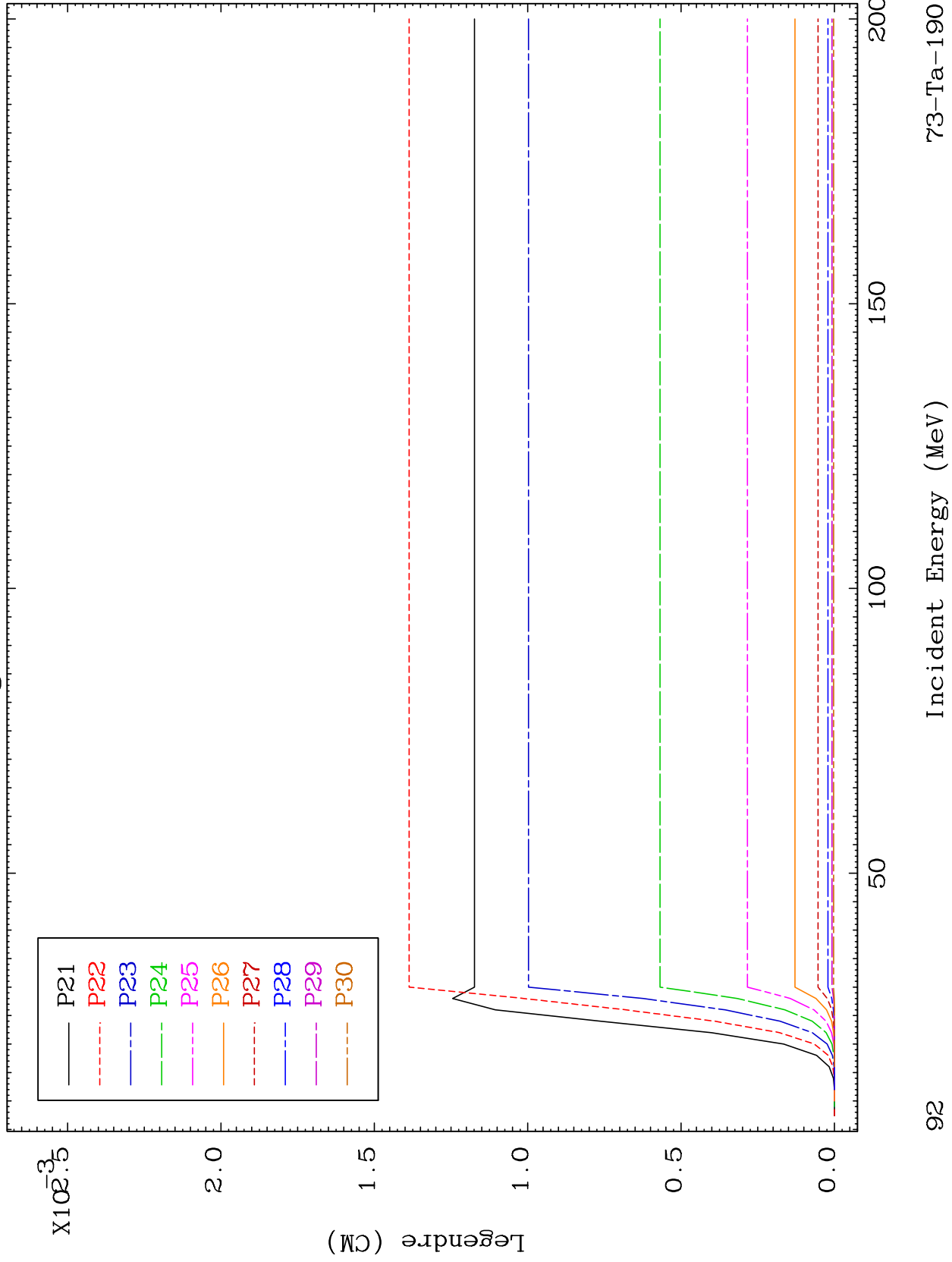


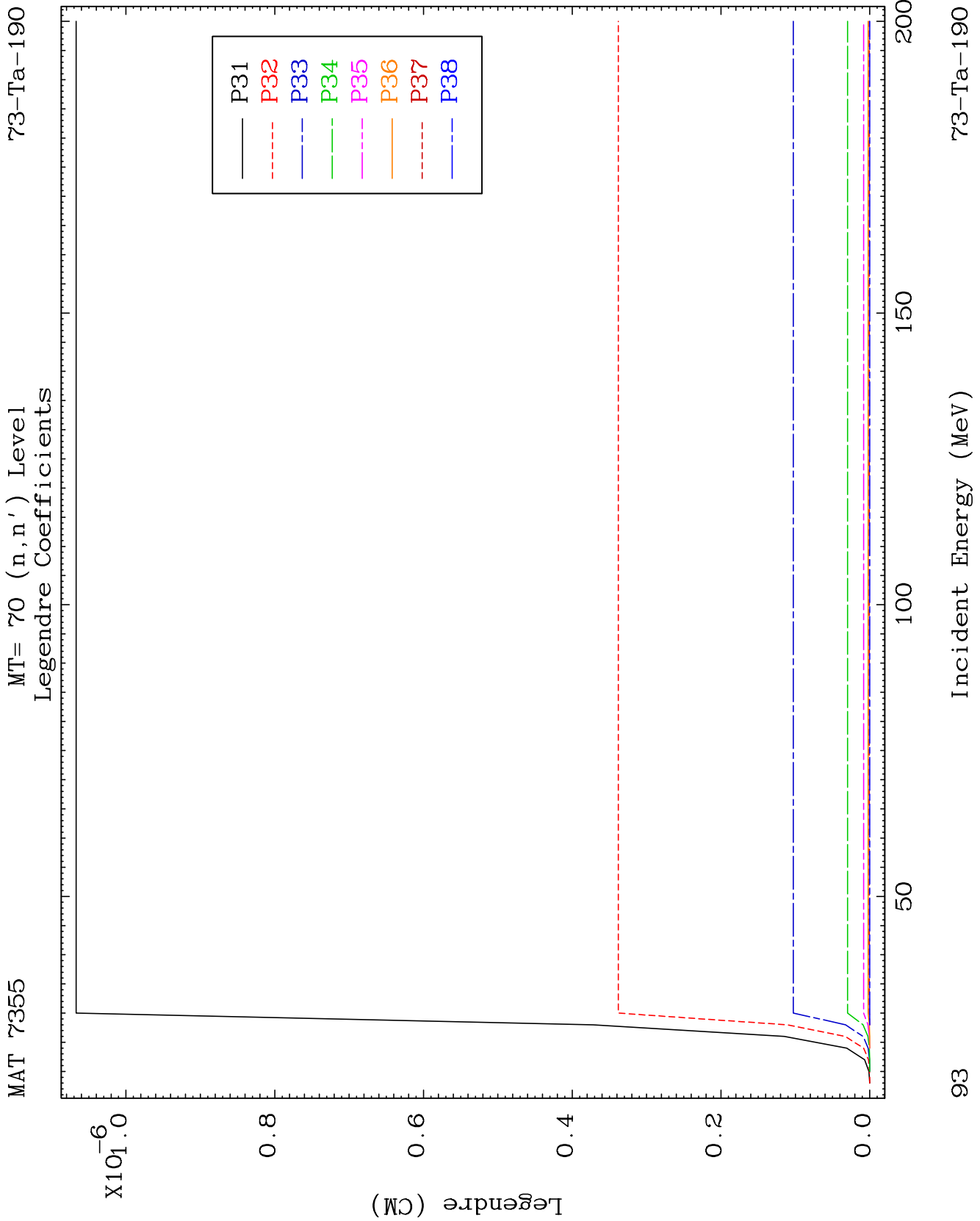


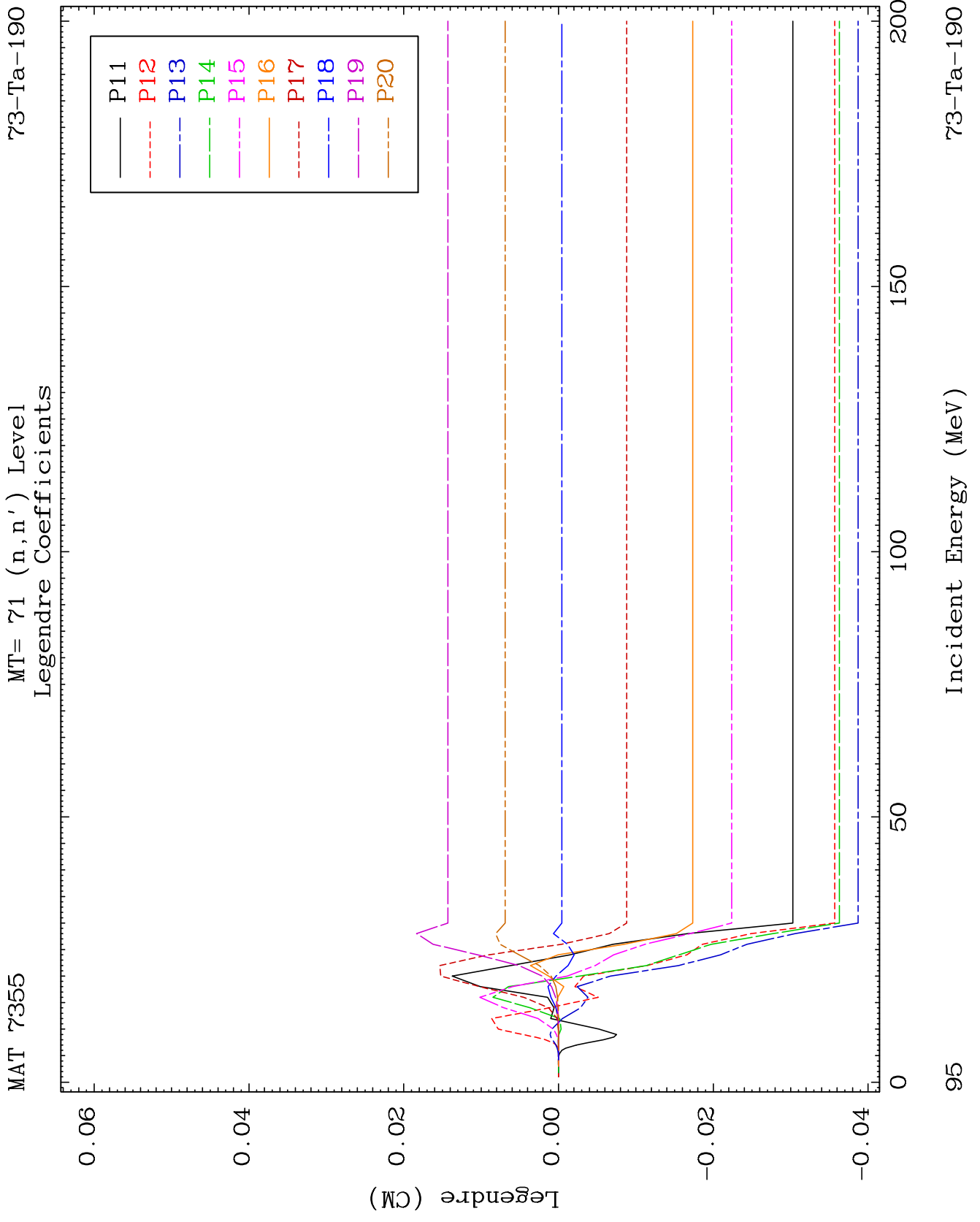
MAT 7355

MT= 70 (n,n') Level
Legendre Coefficients

73-Ta-190



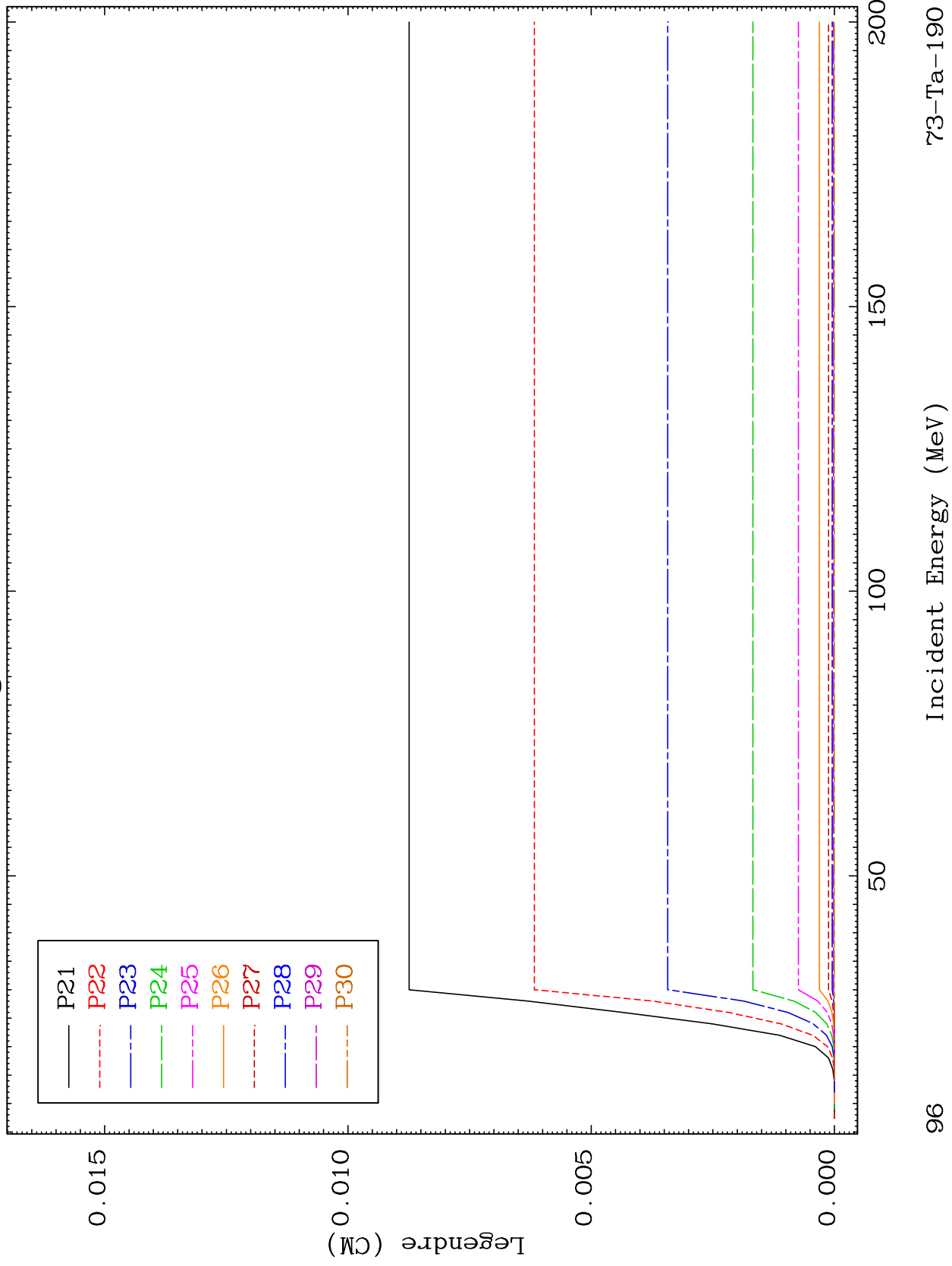




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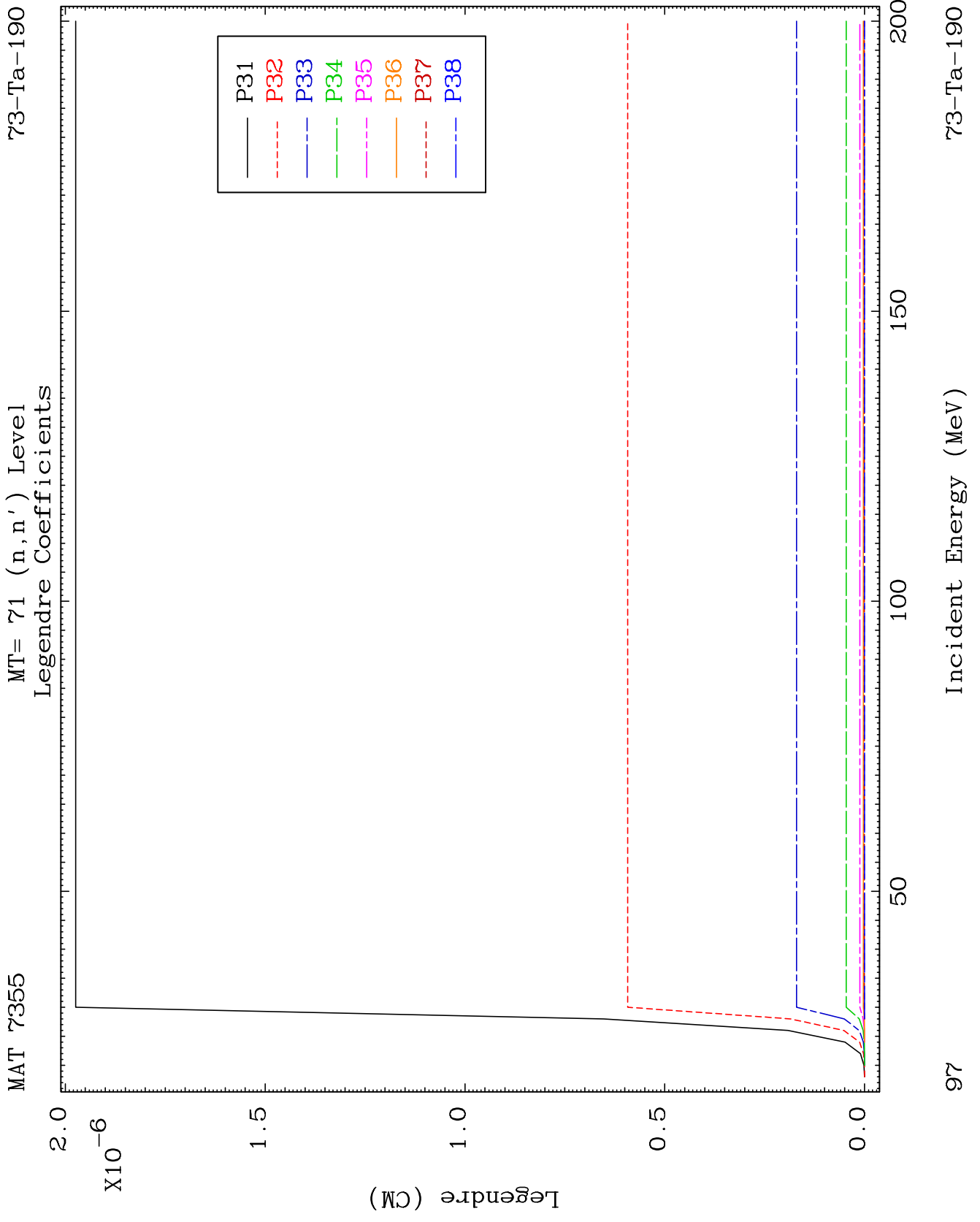
MT= 71 (n,n') Level
Legendre Coefficients

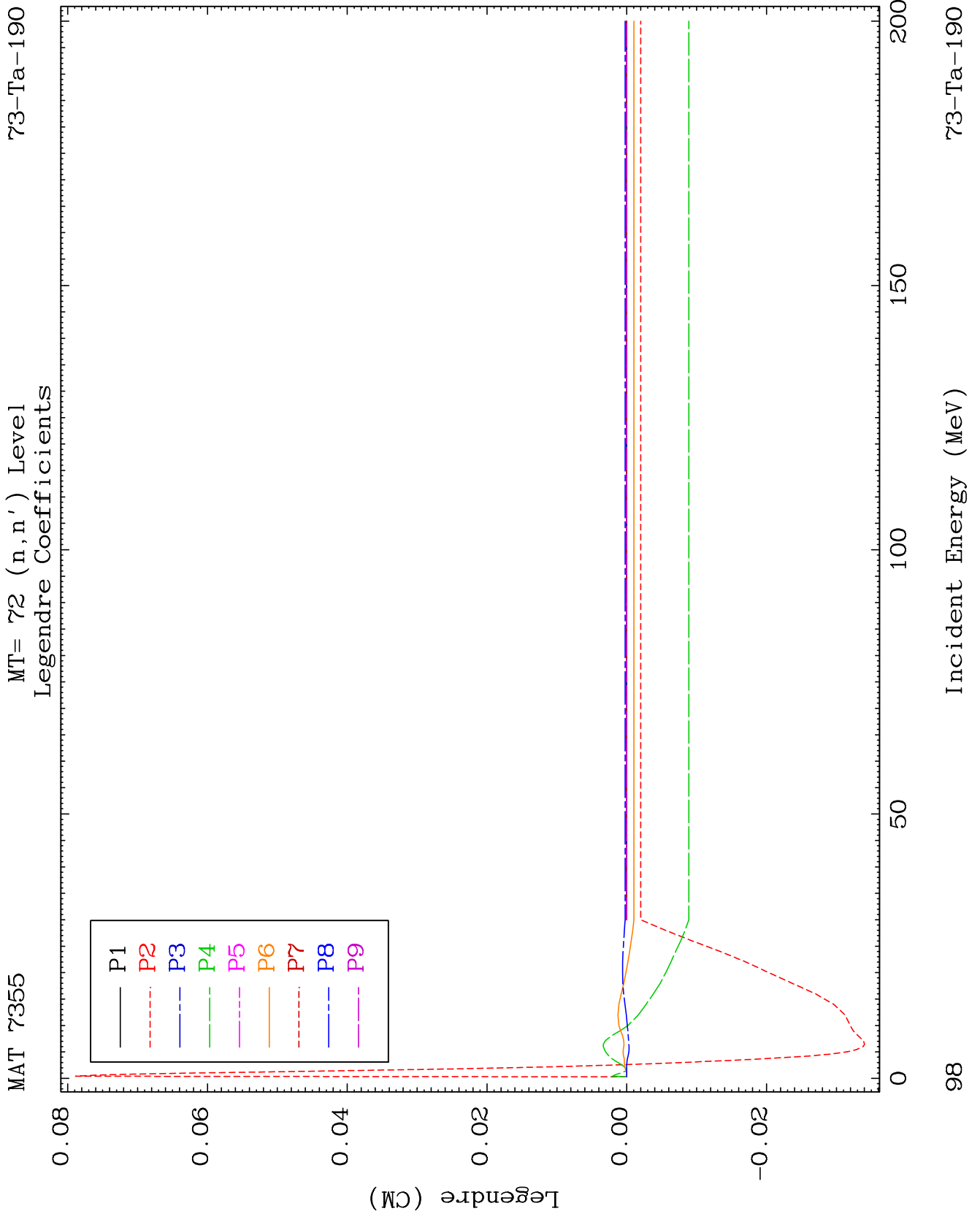
73-Ta-190



96

73-Ta-190

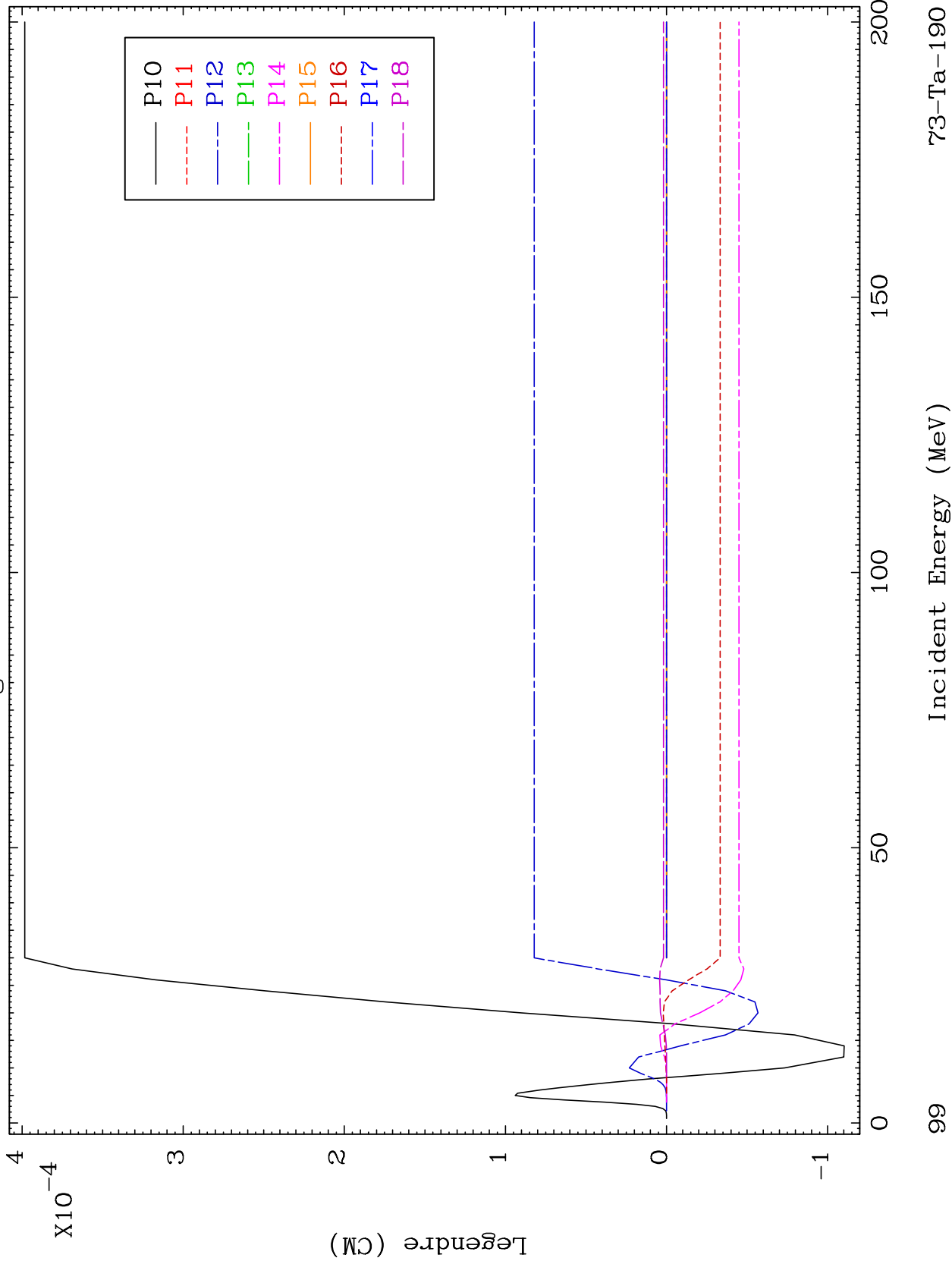




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MT= 72 (n,n') Level
Legendre Coefficients

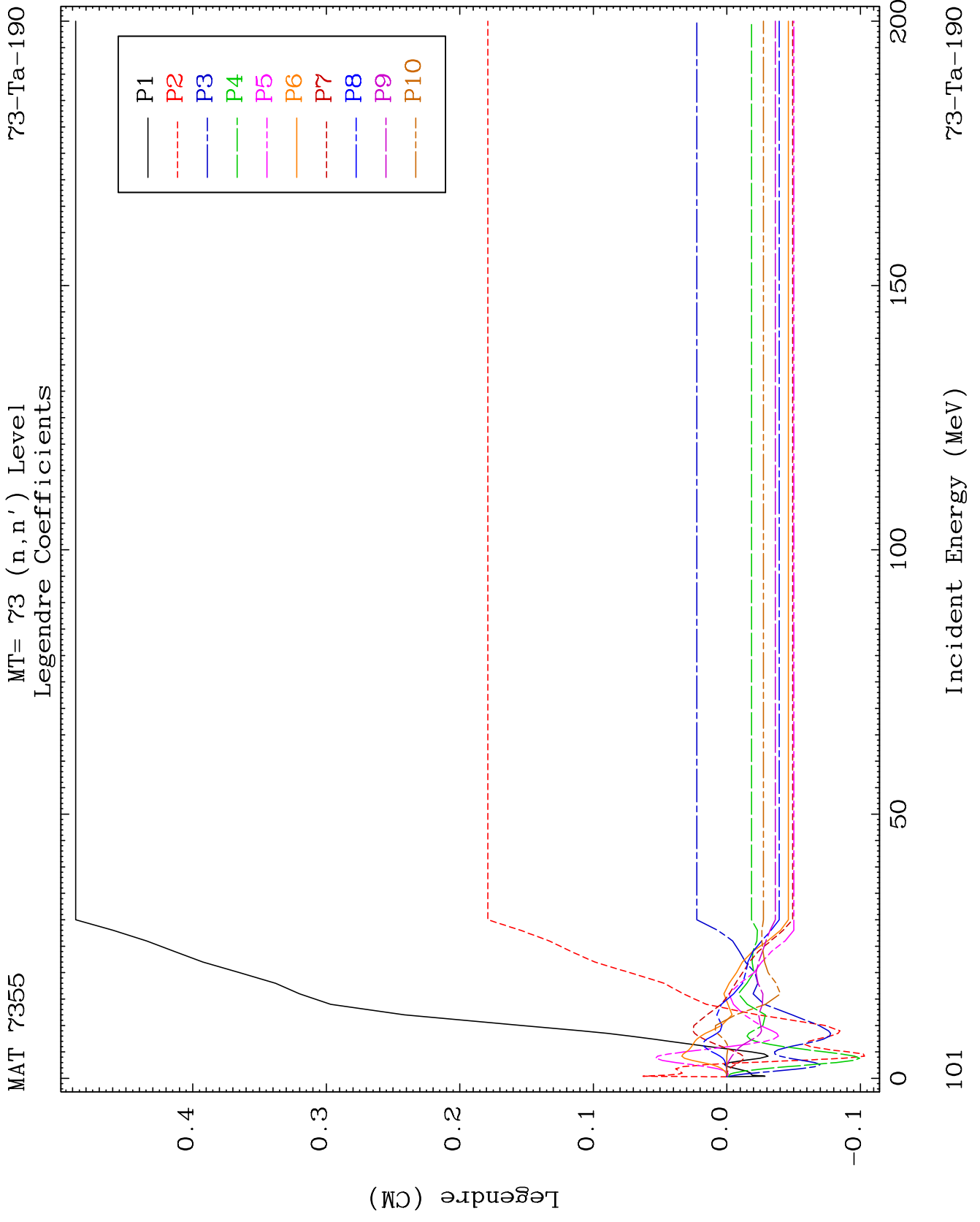
73-Ta-190



99

Incident Energy (MeV)

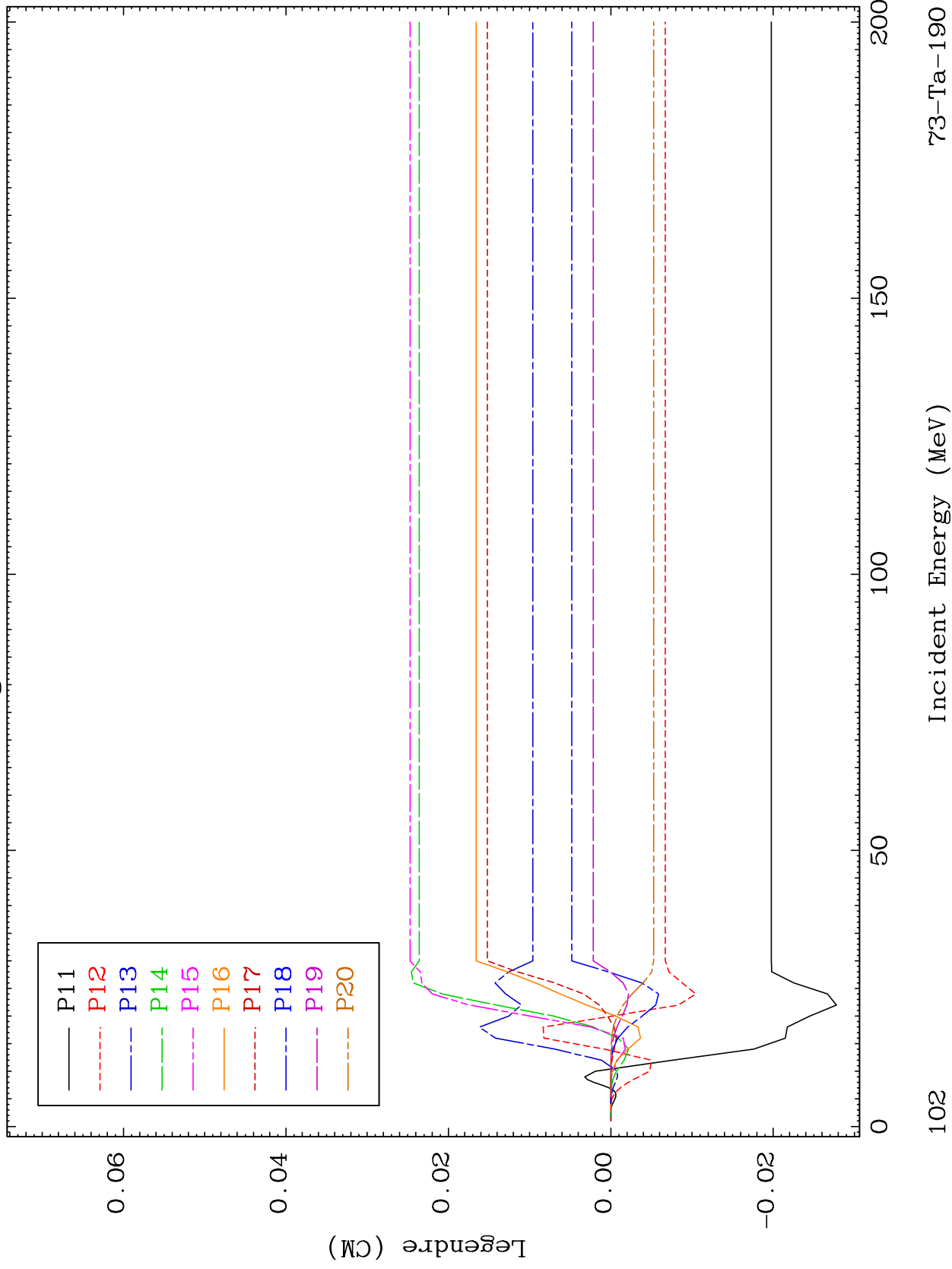
73-Ta-190



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MT= 73 (n,n') Level
Legendre Coefficients

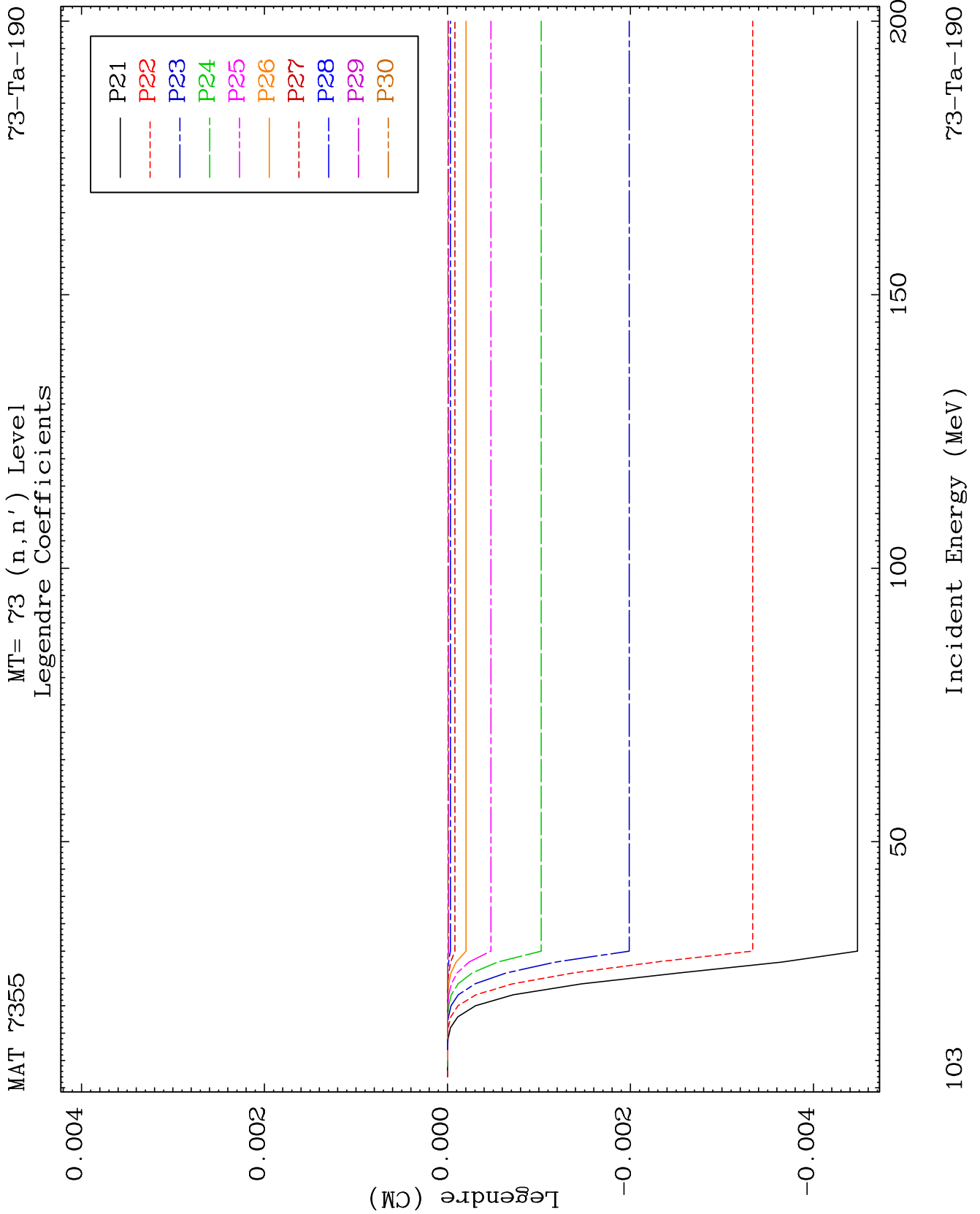
73-Ta-190

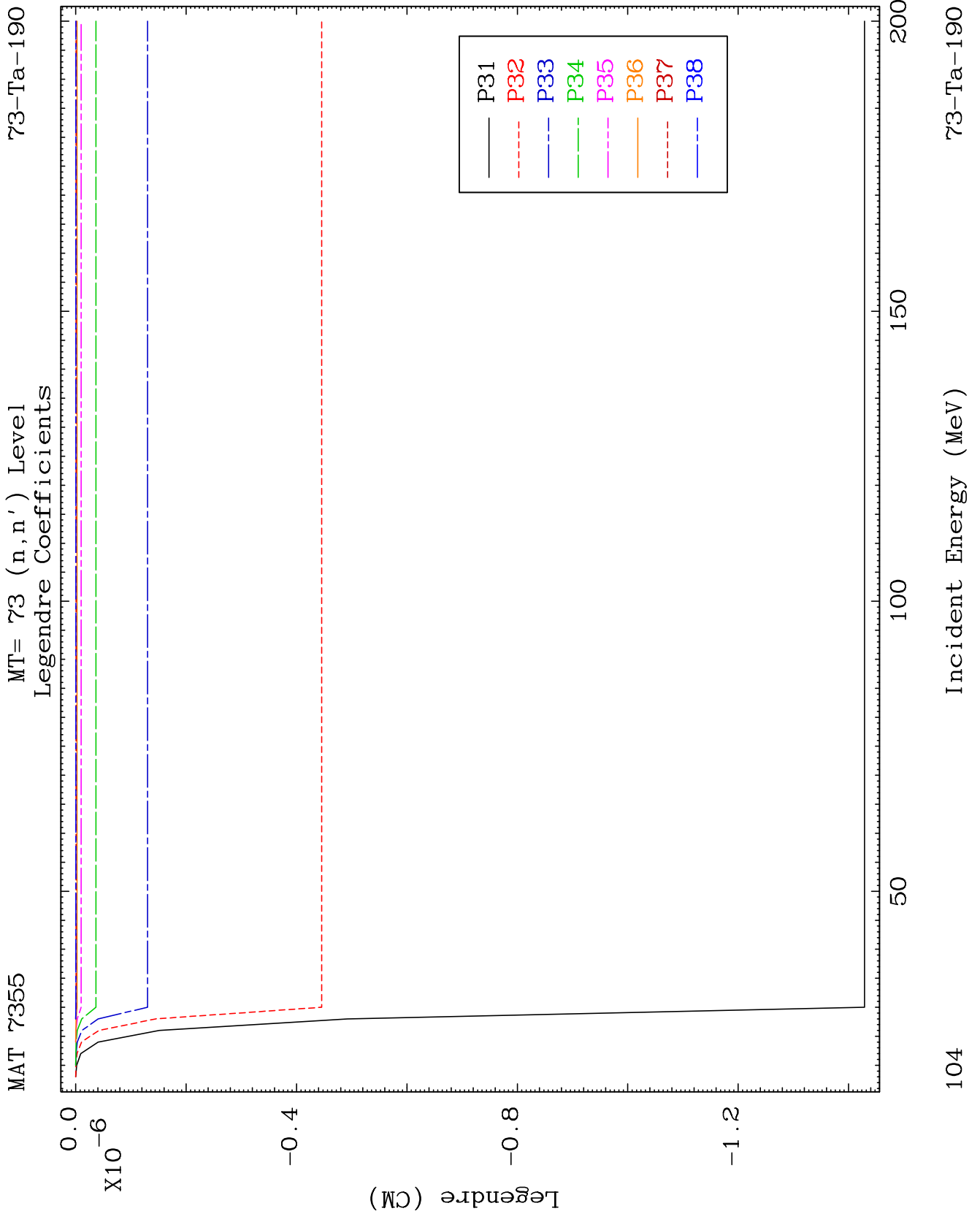


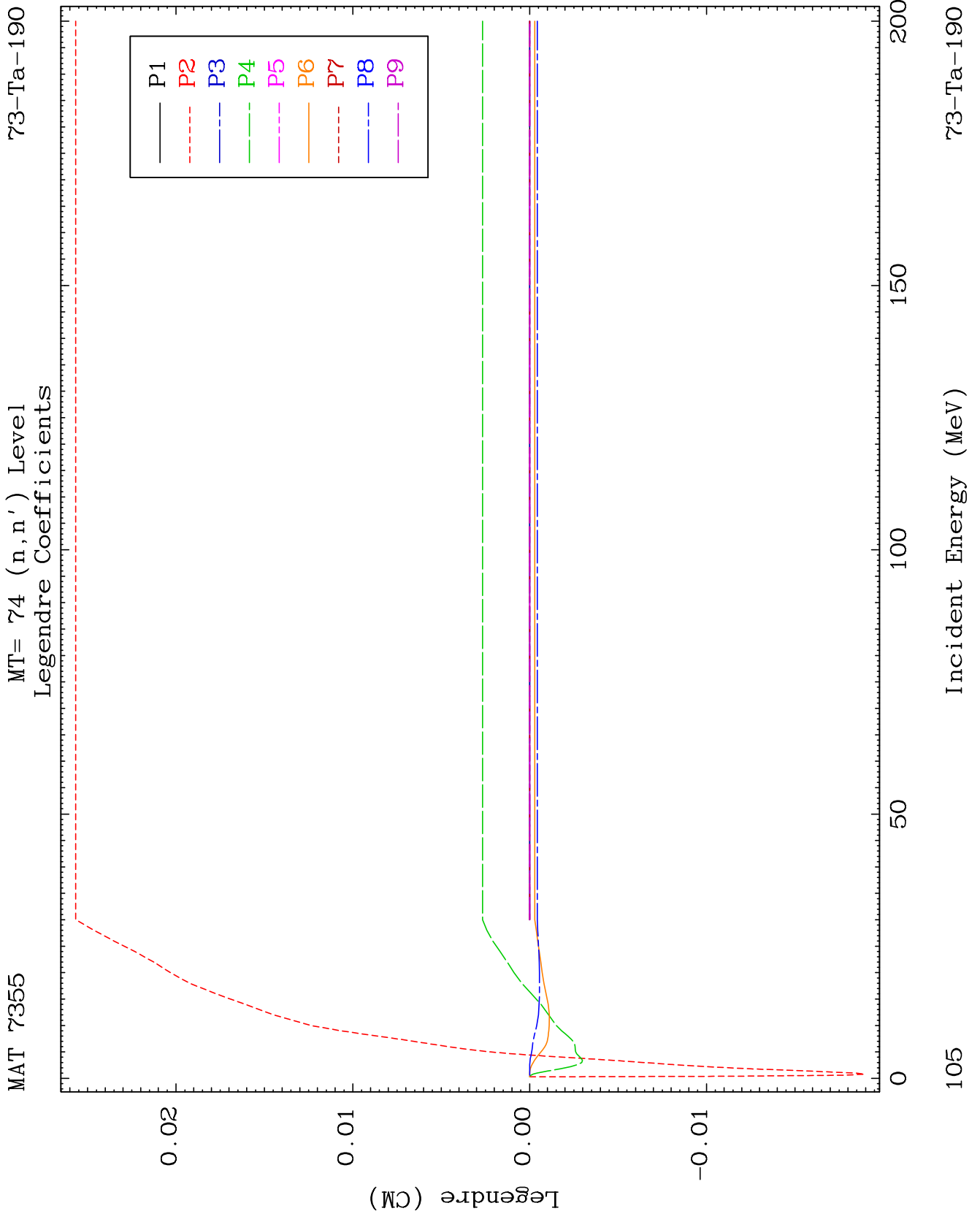
102

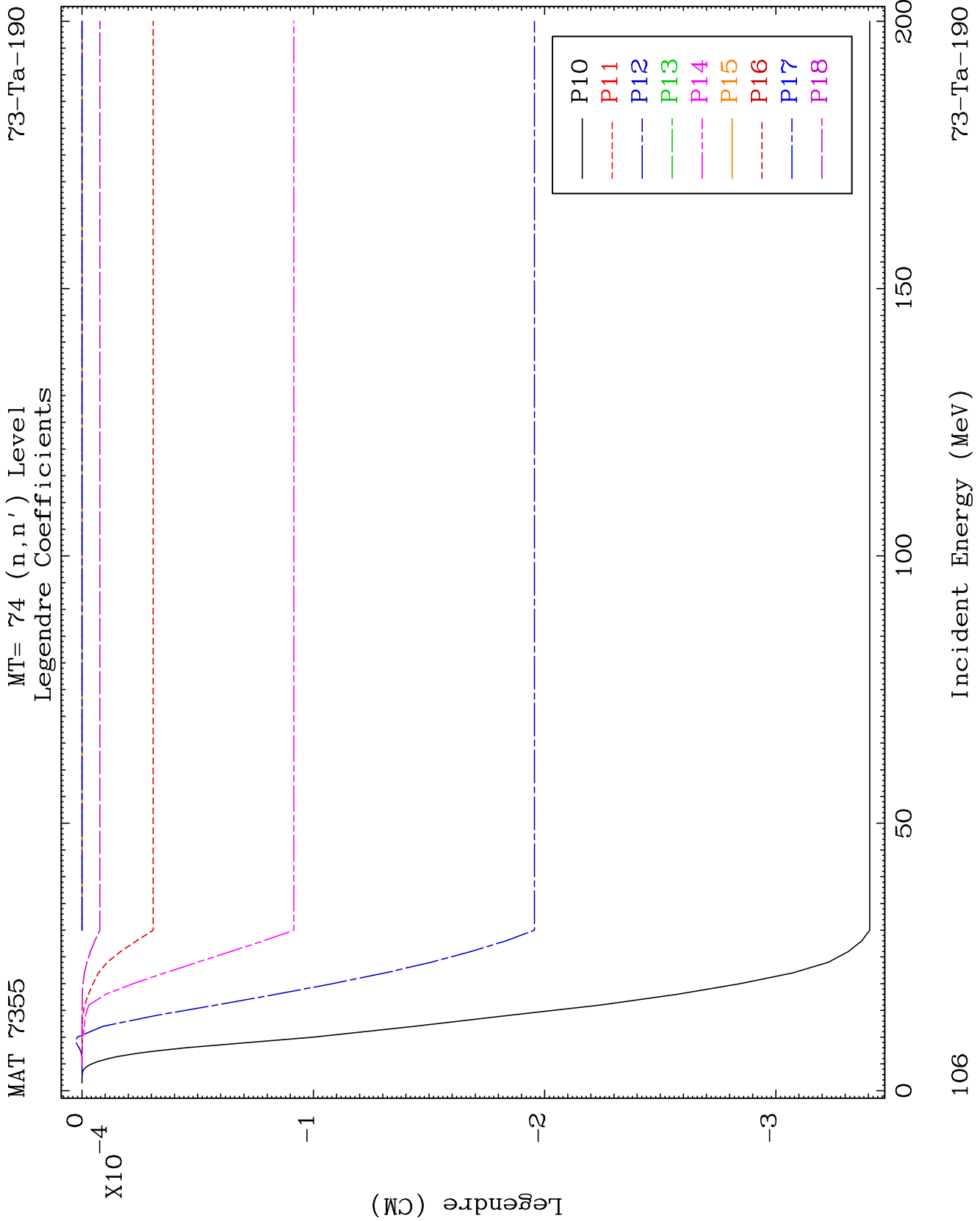
Incident Energy (MeV)

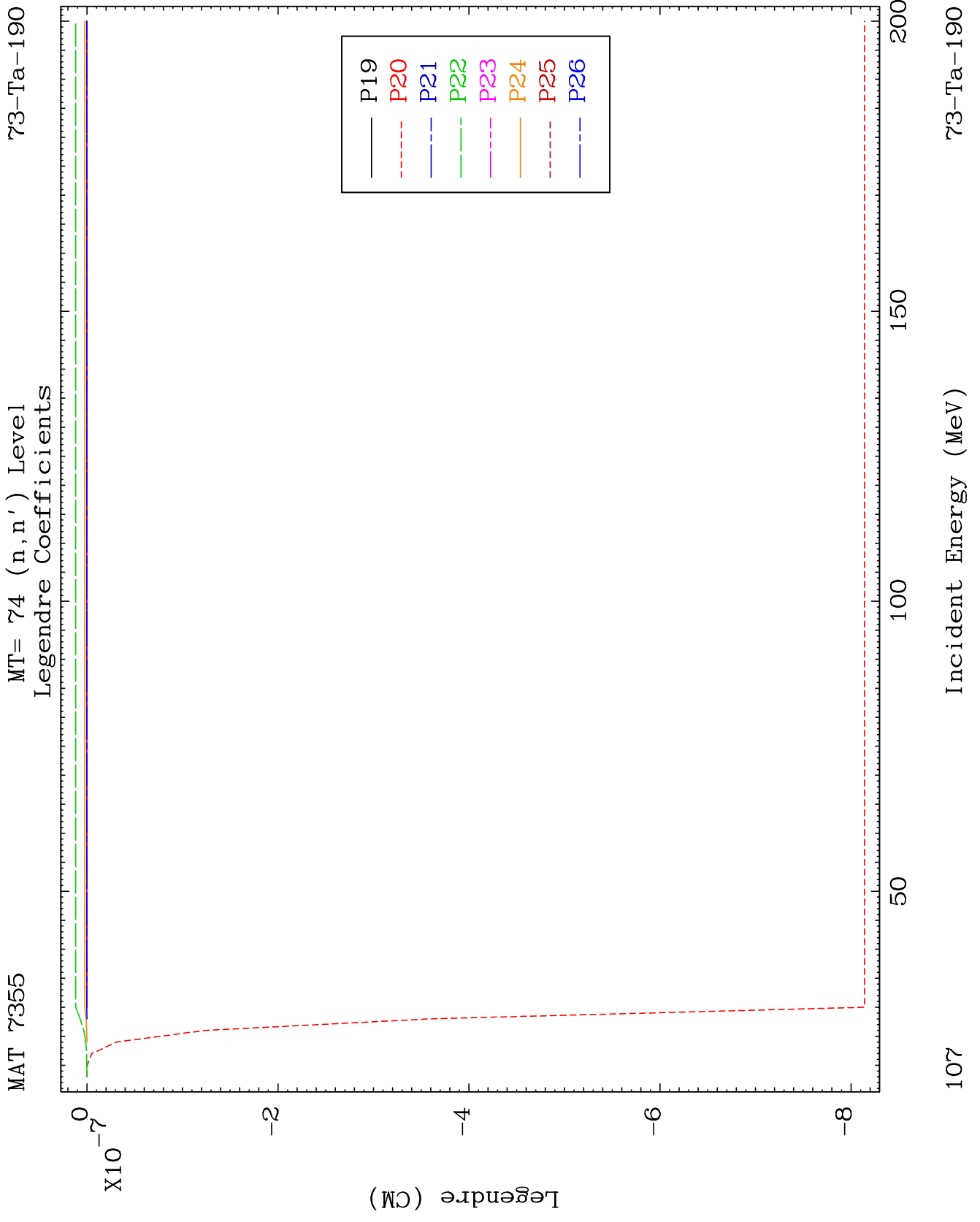
73-Ta-190

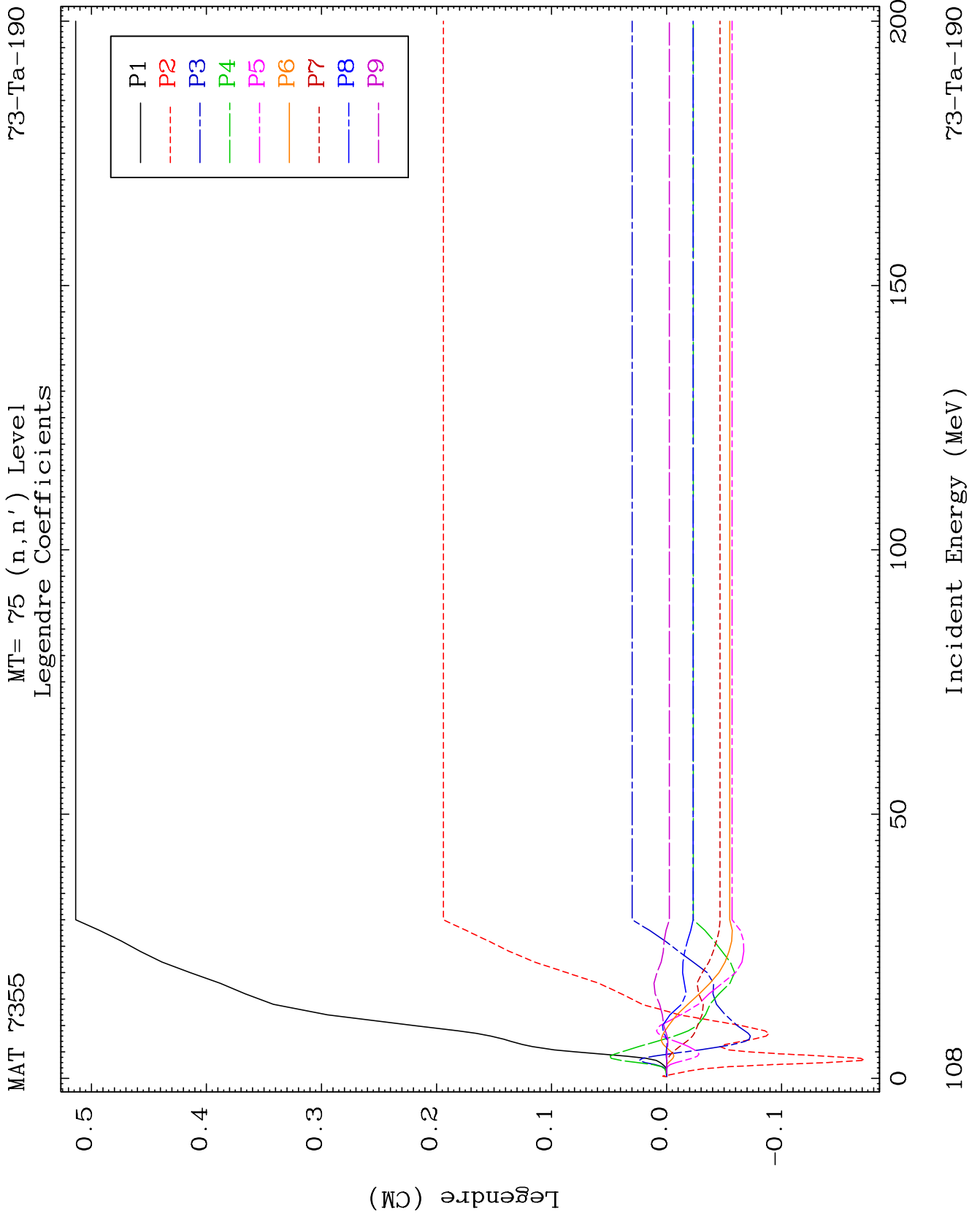


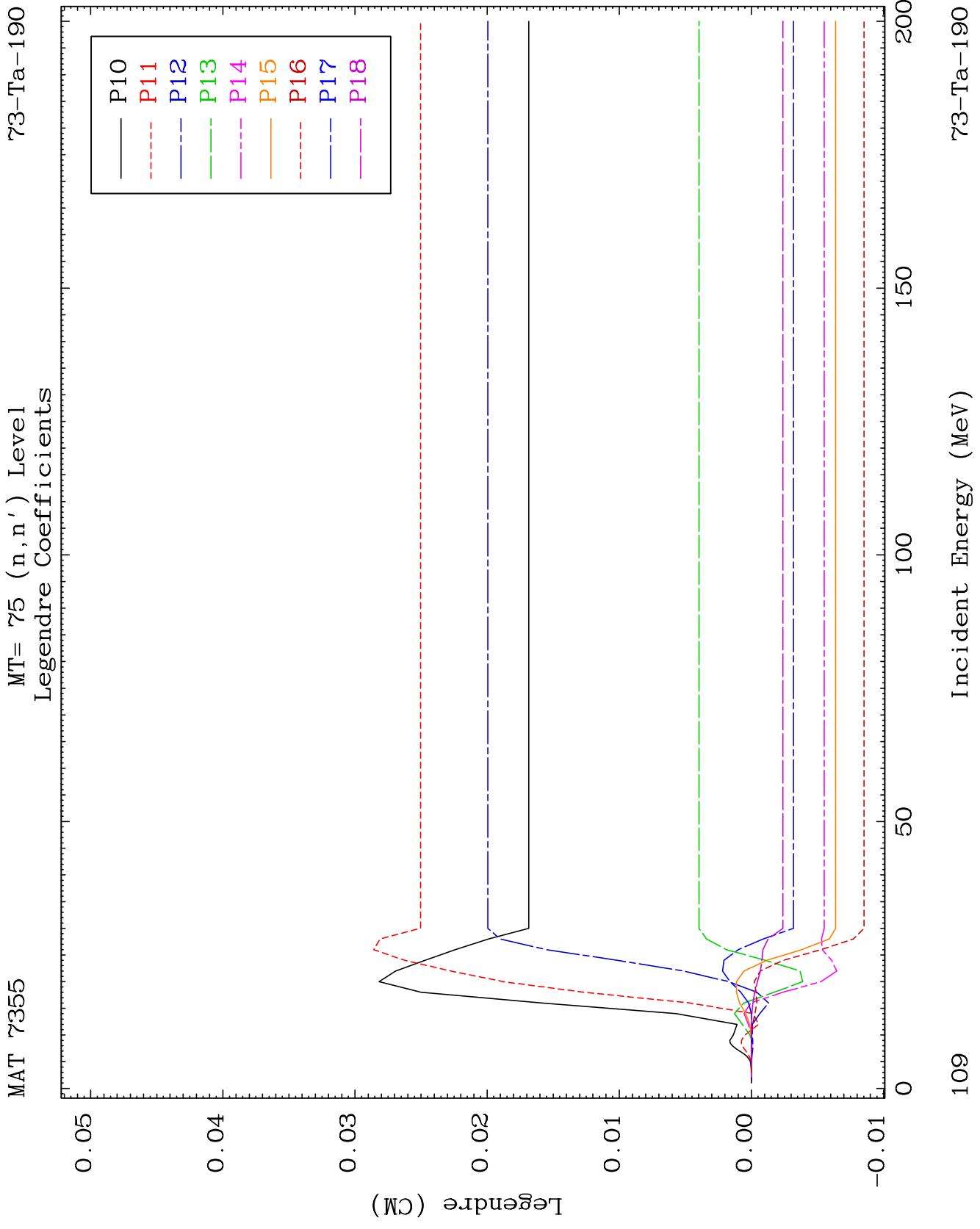


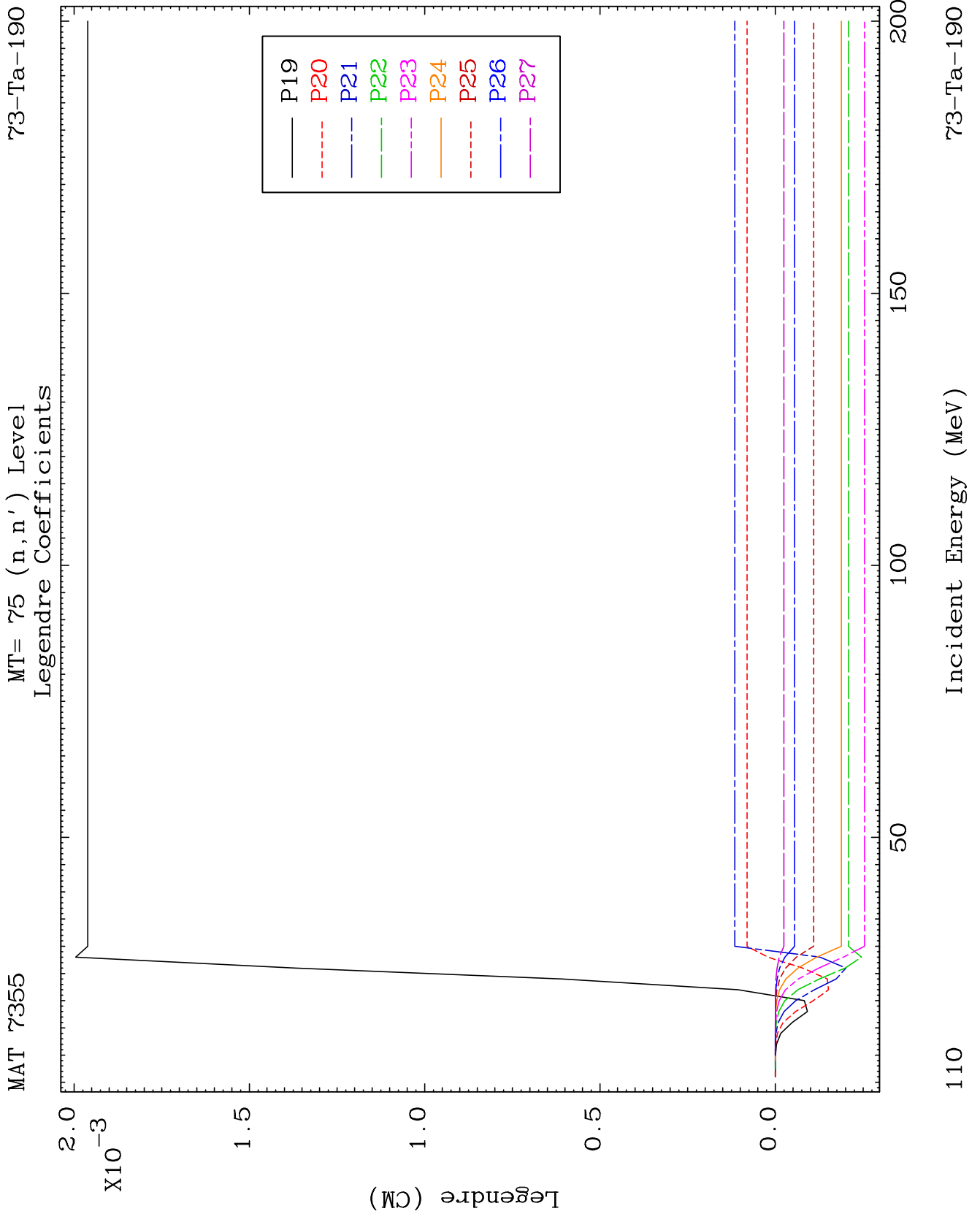


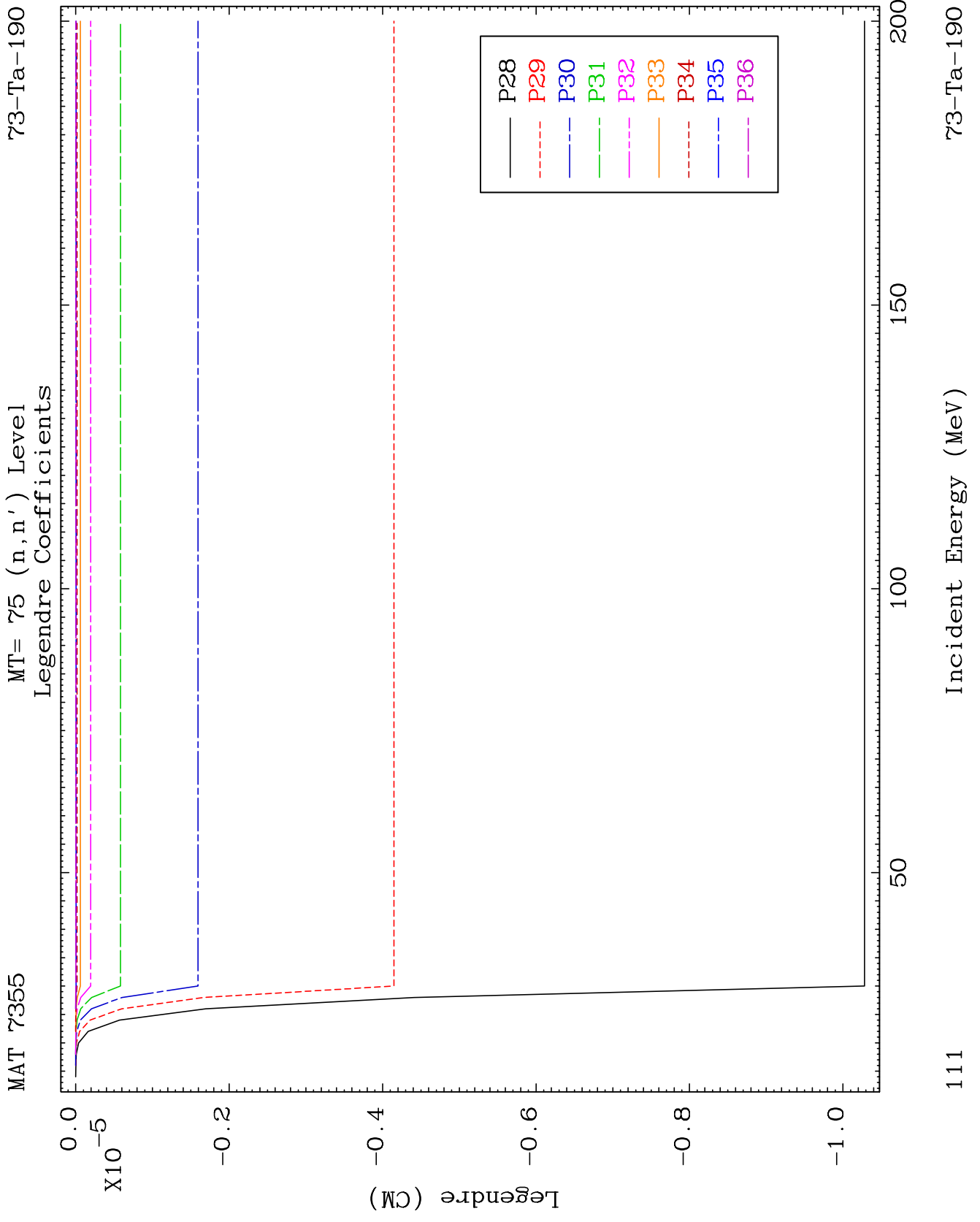


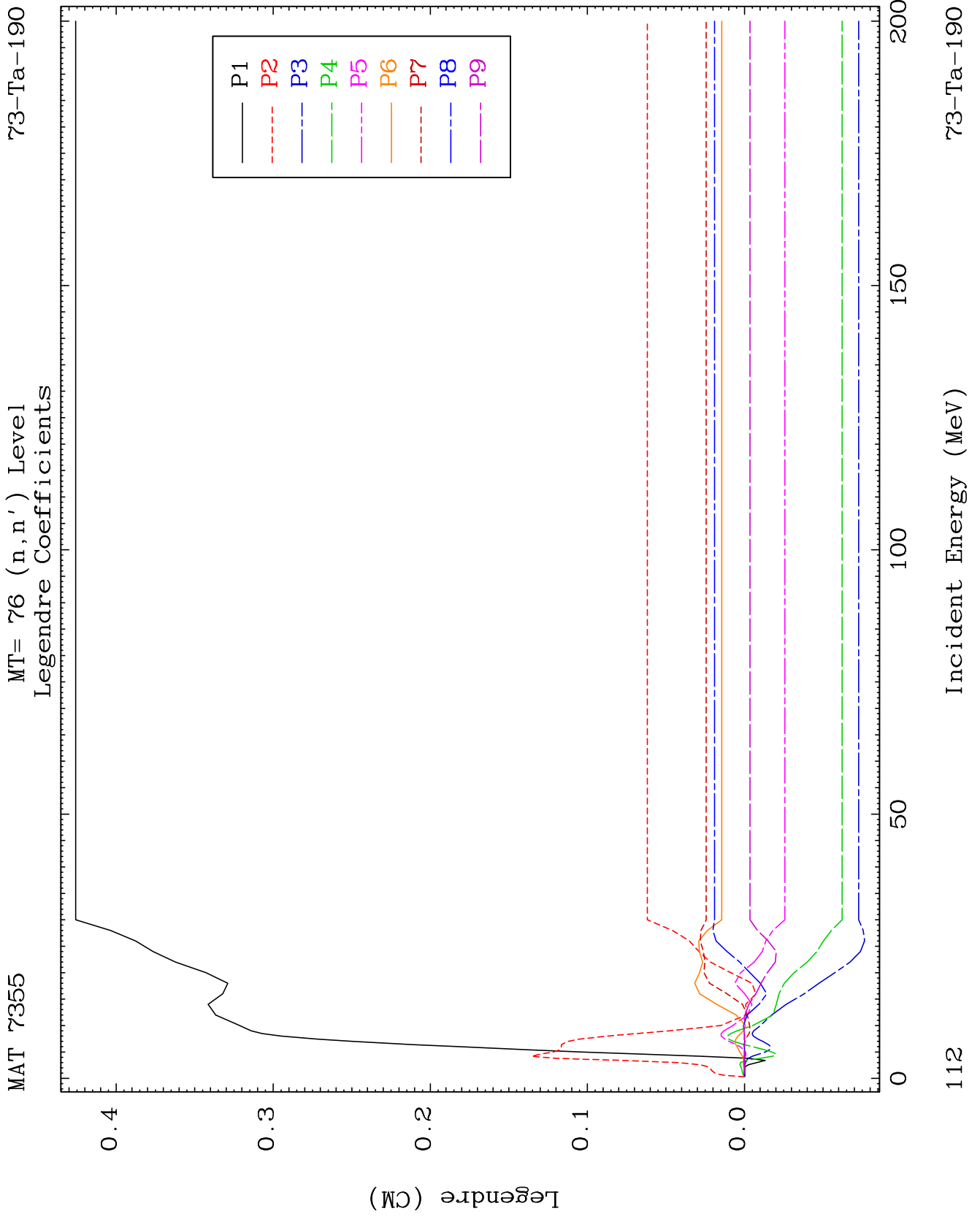


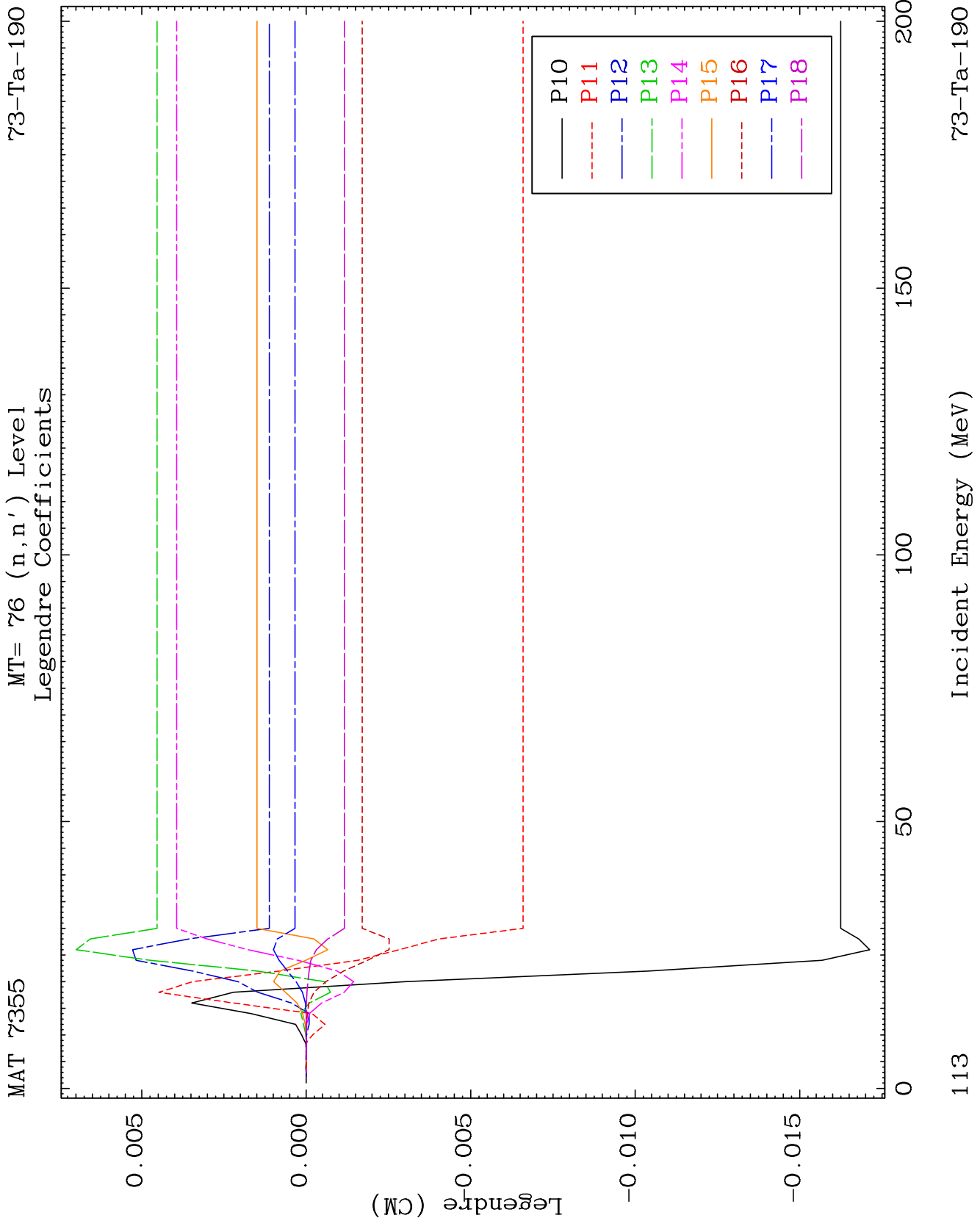








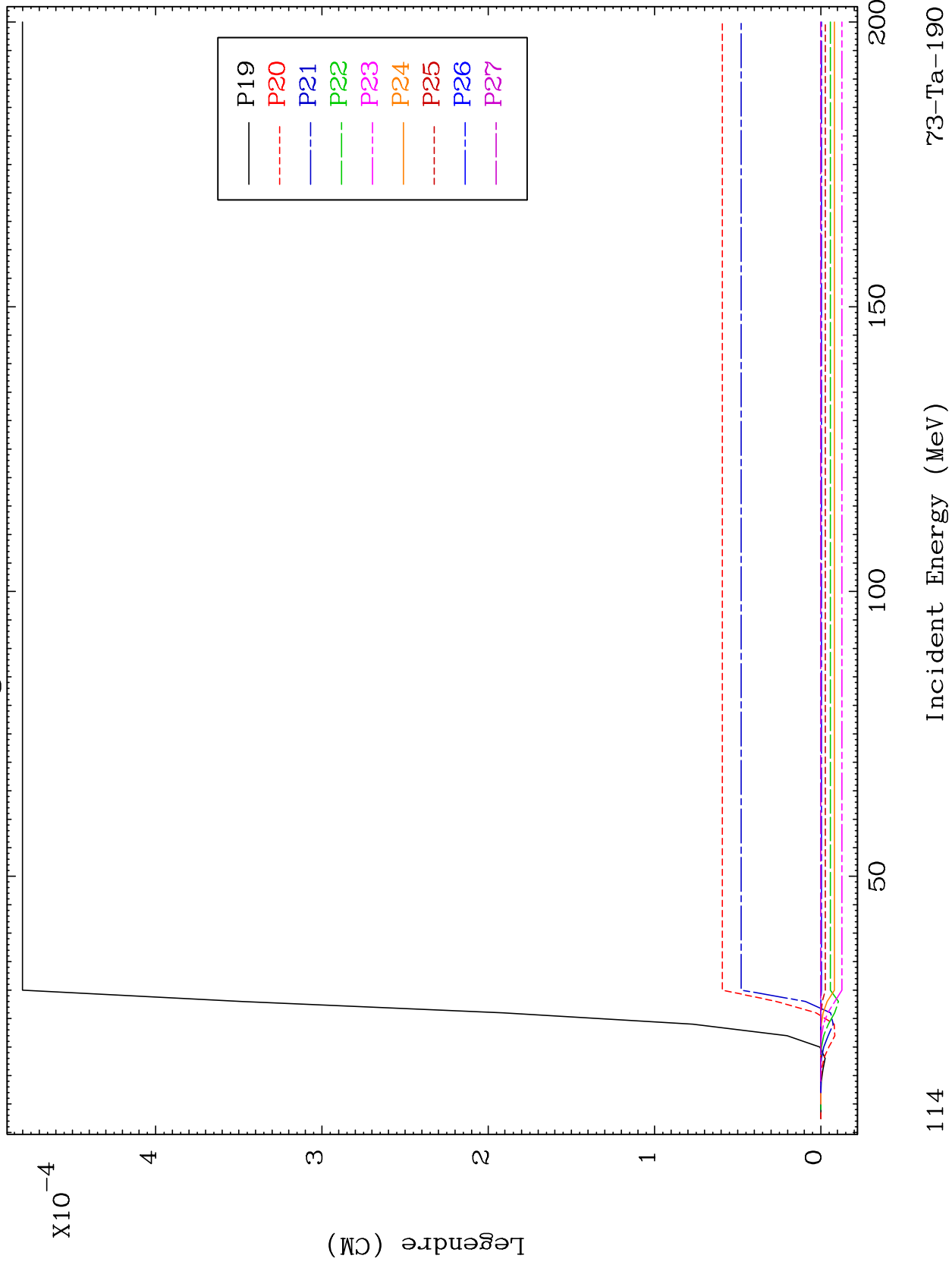


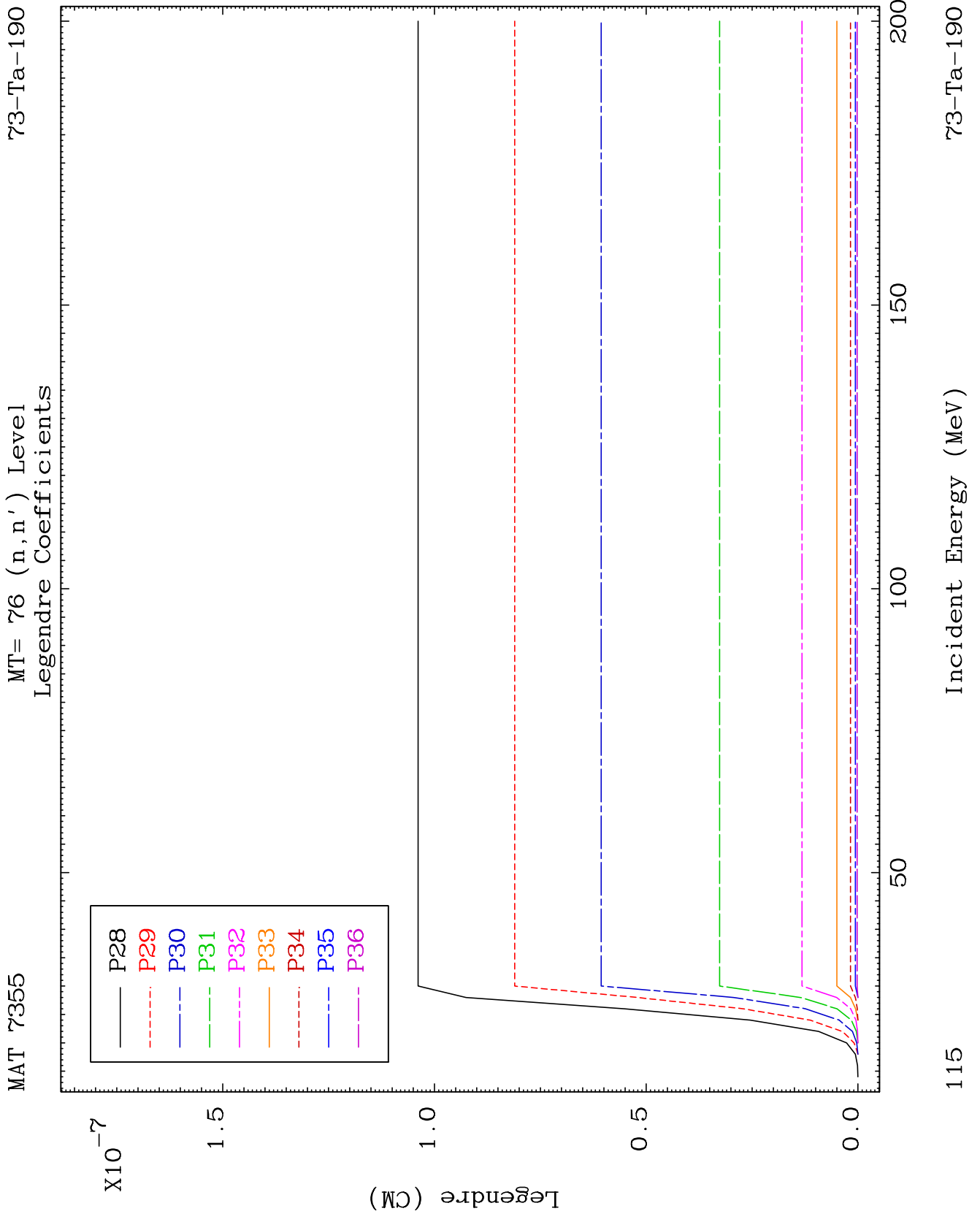


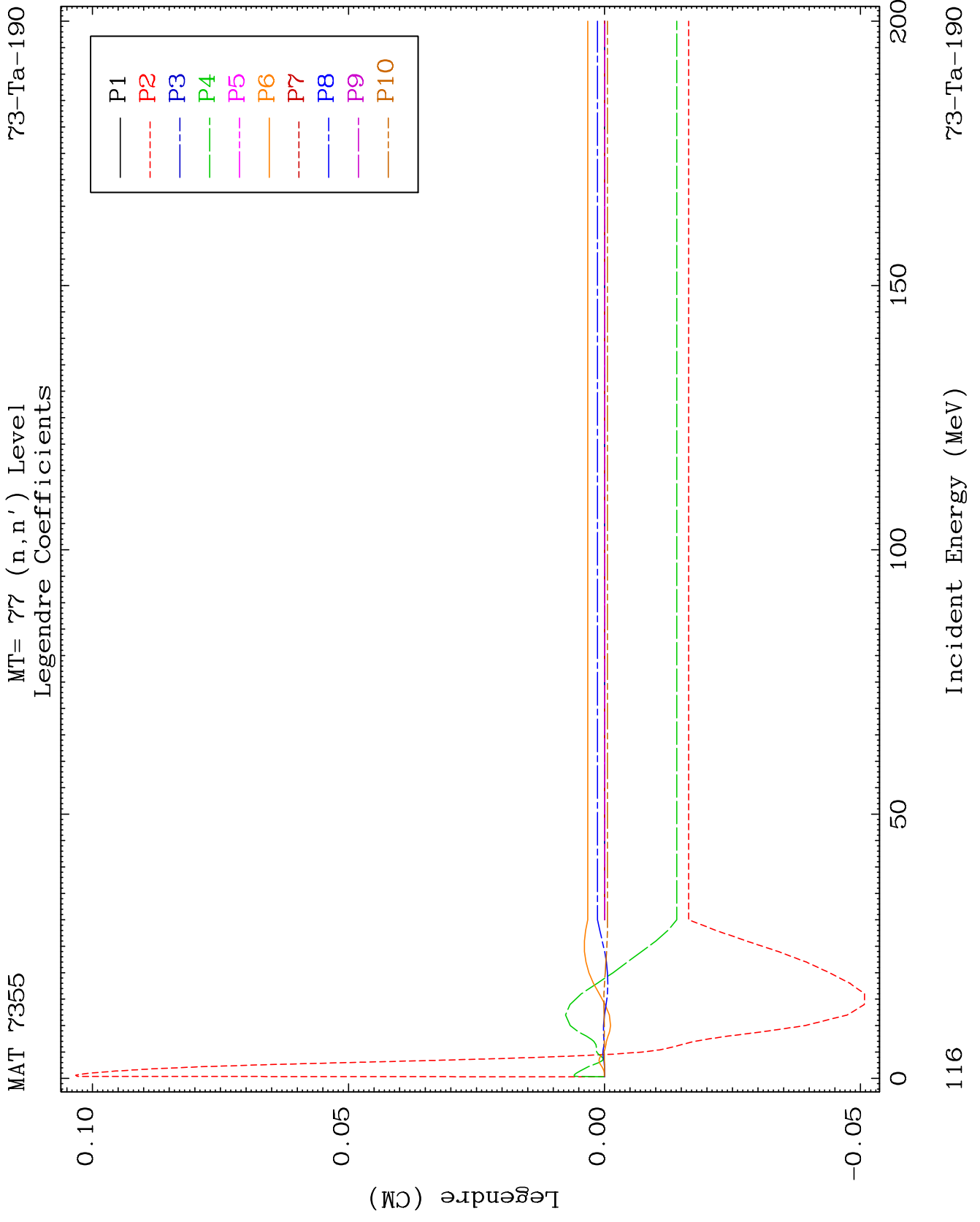
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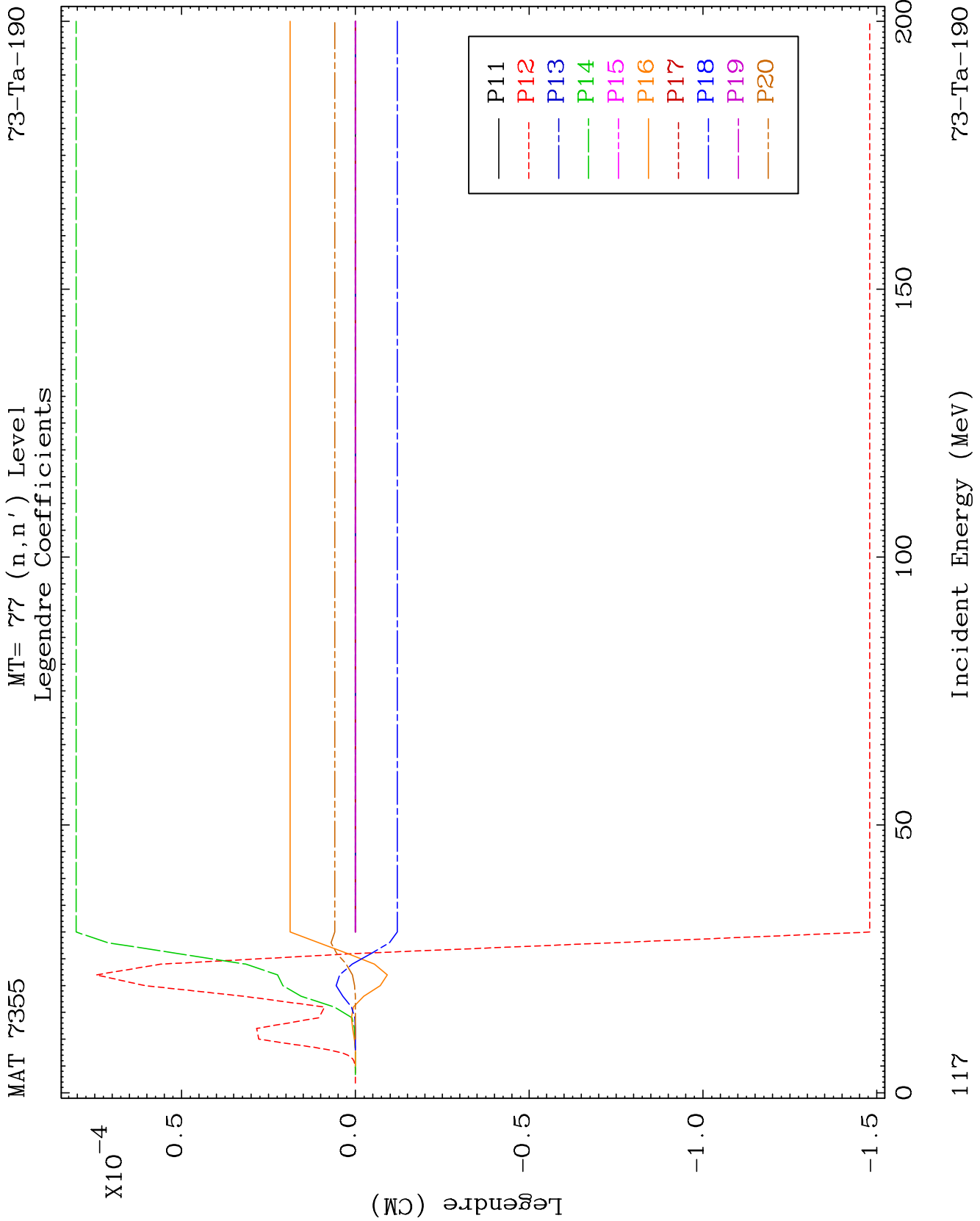
MT= 76 (n,n') Level
Legendre Coefficients

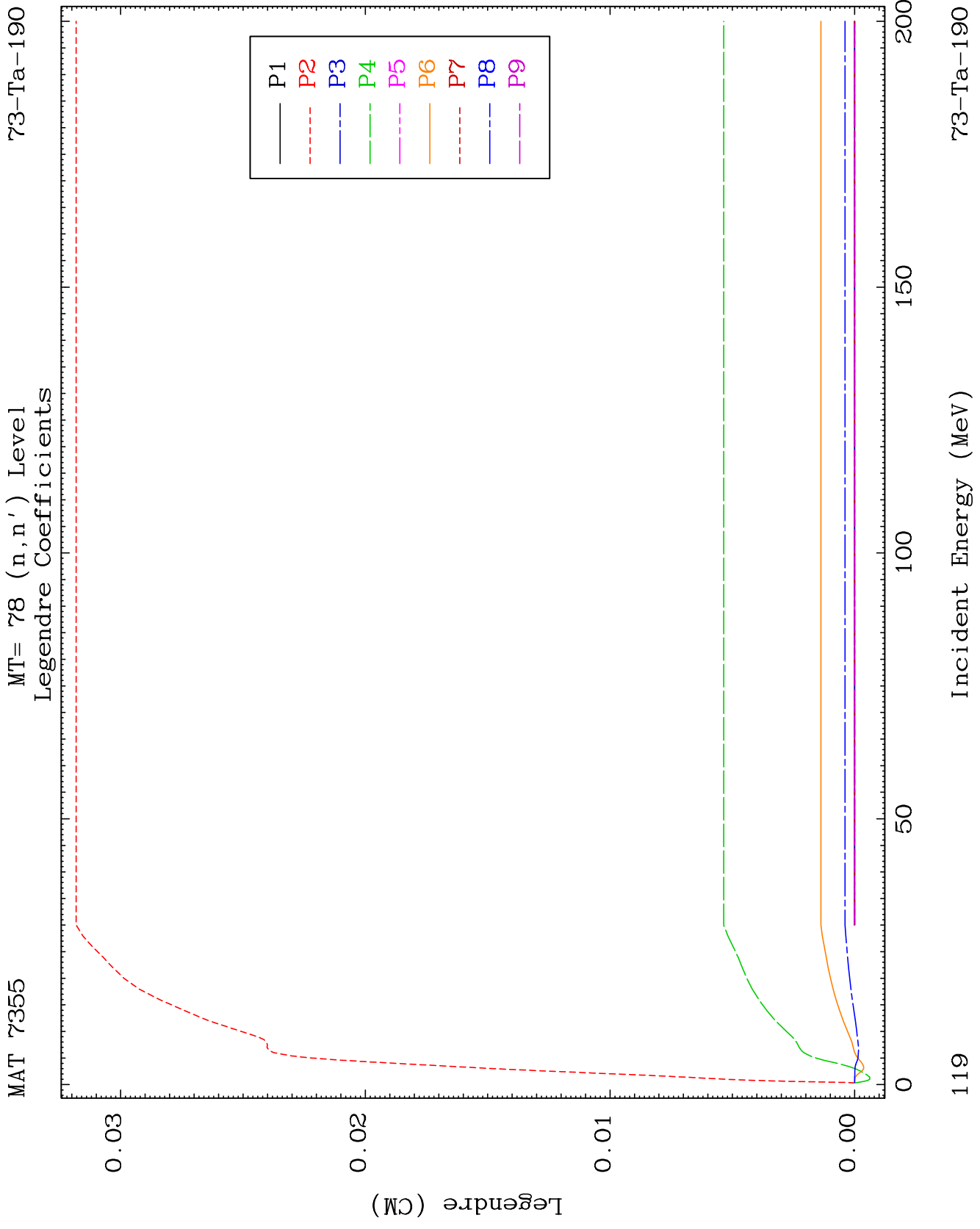
73-Ta-190

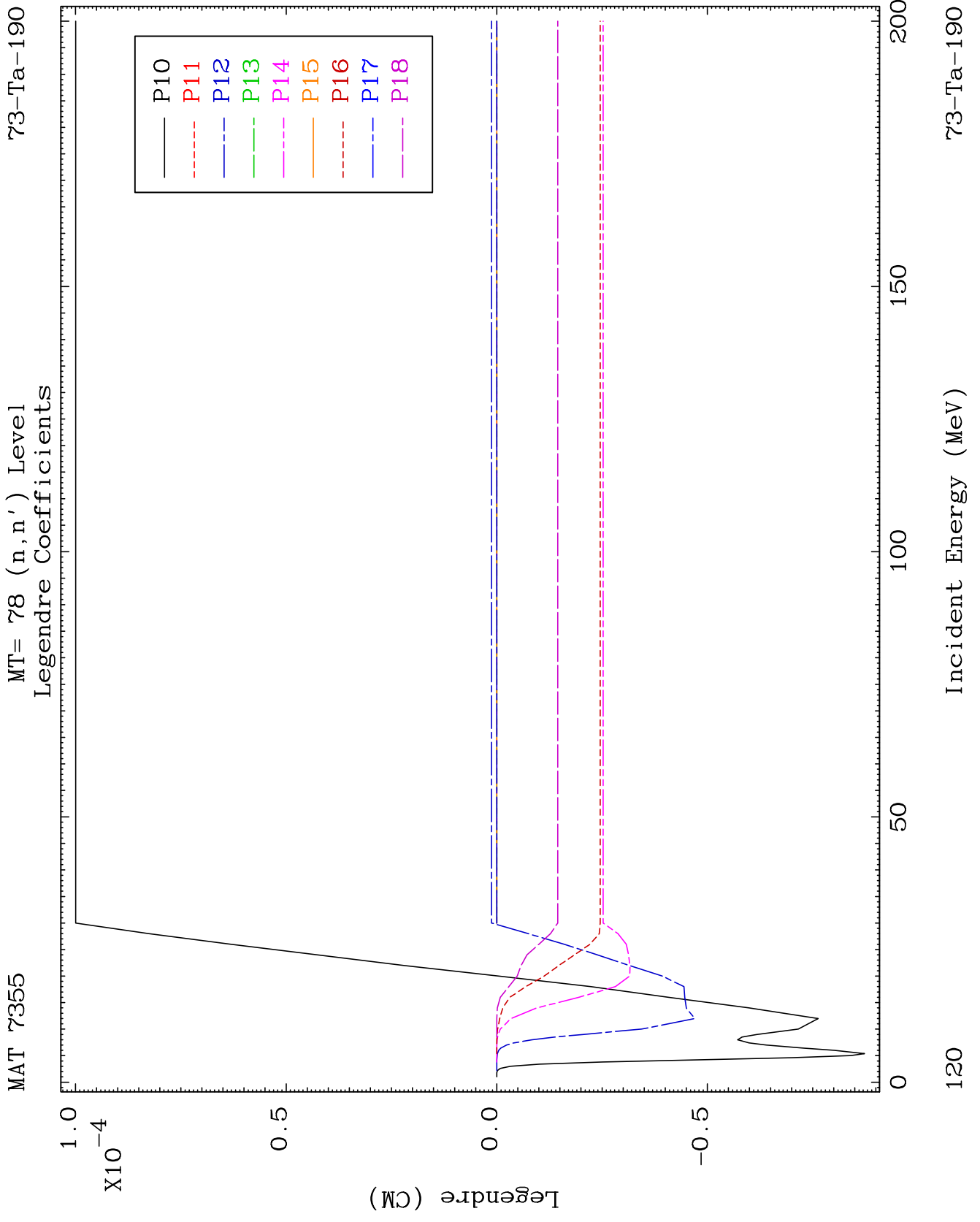


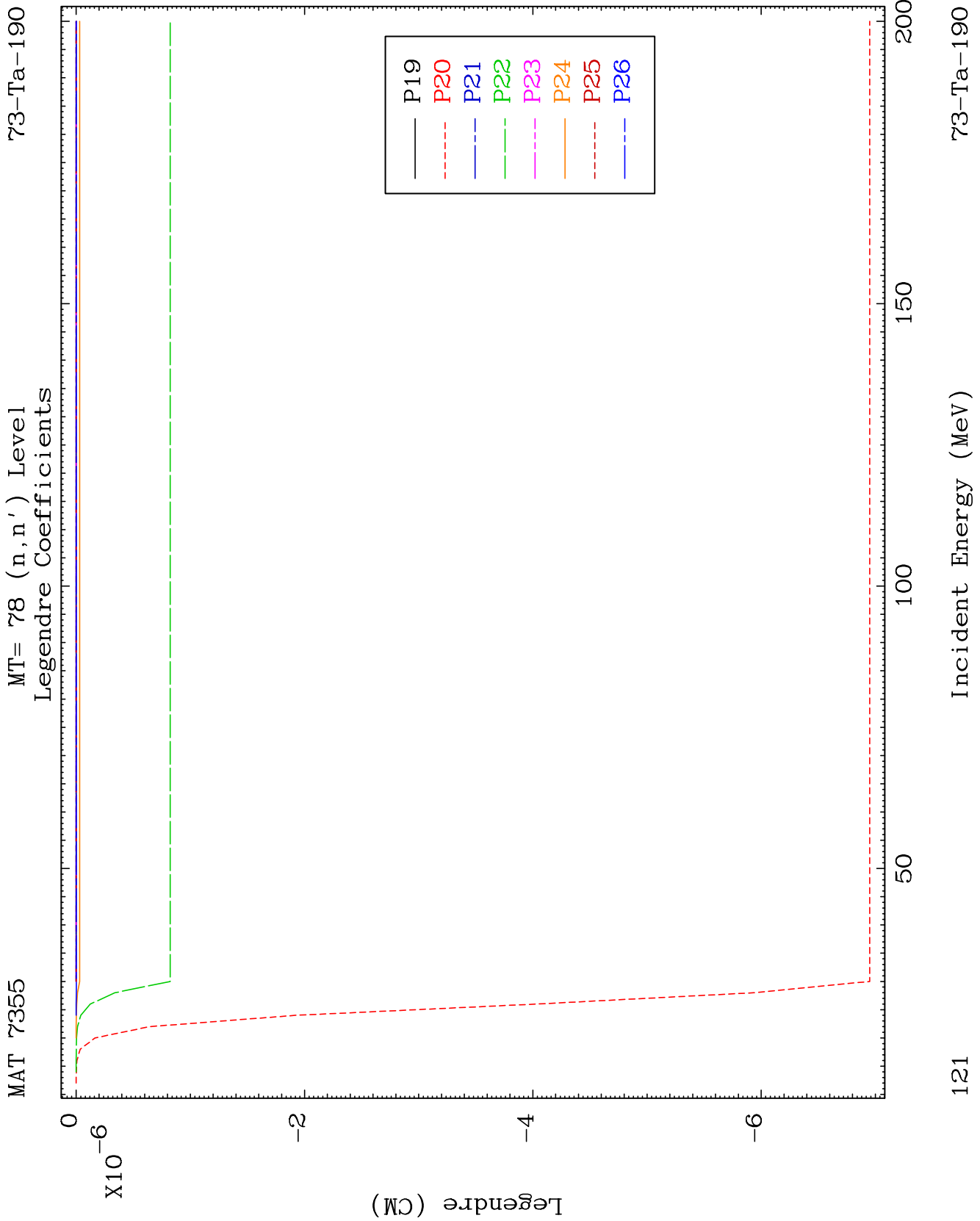


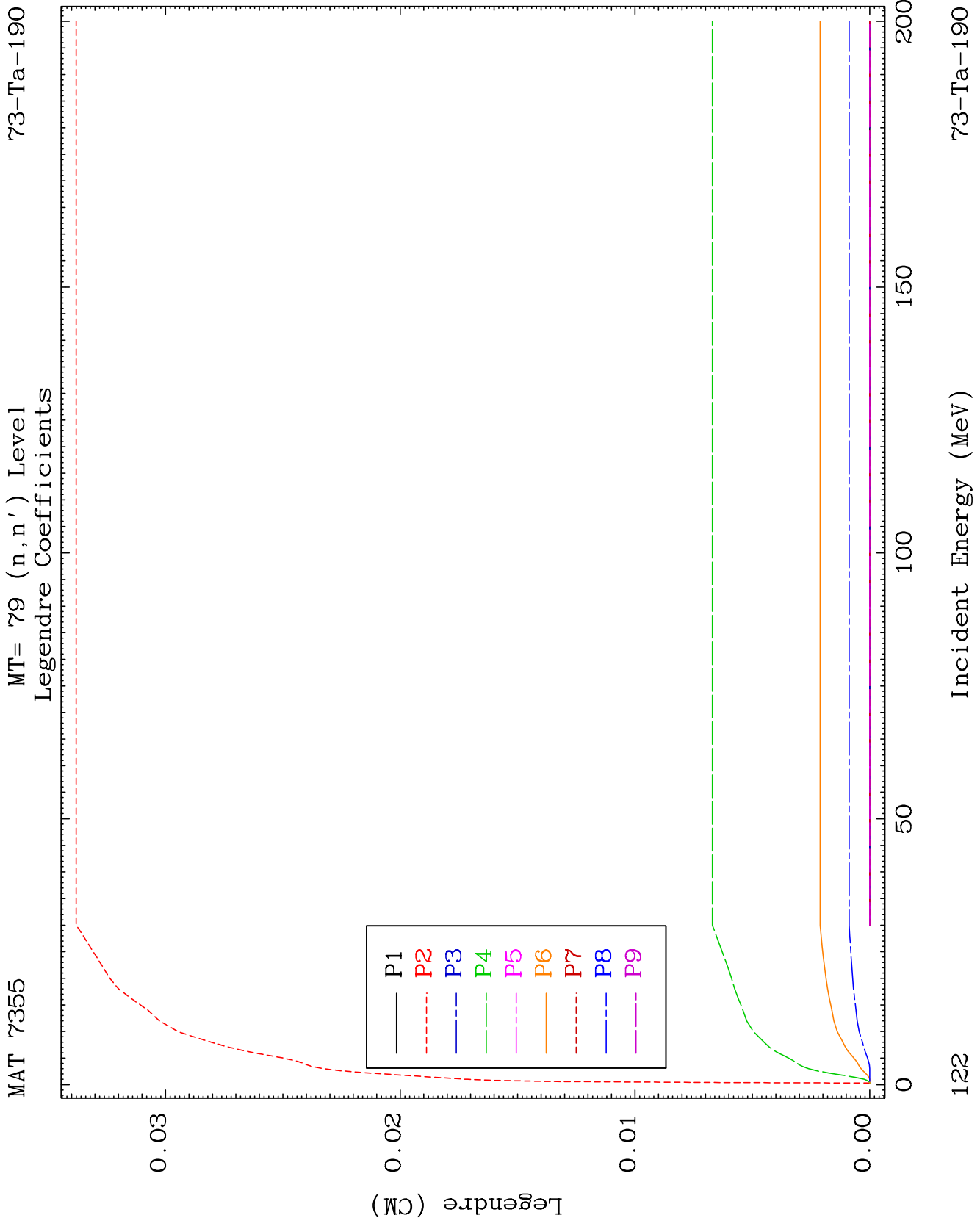


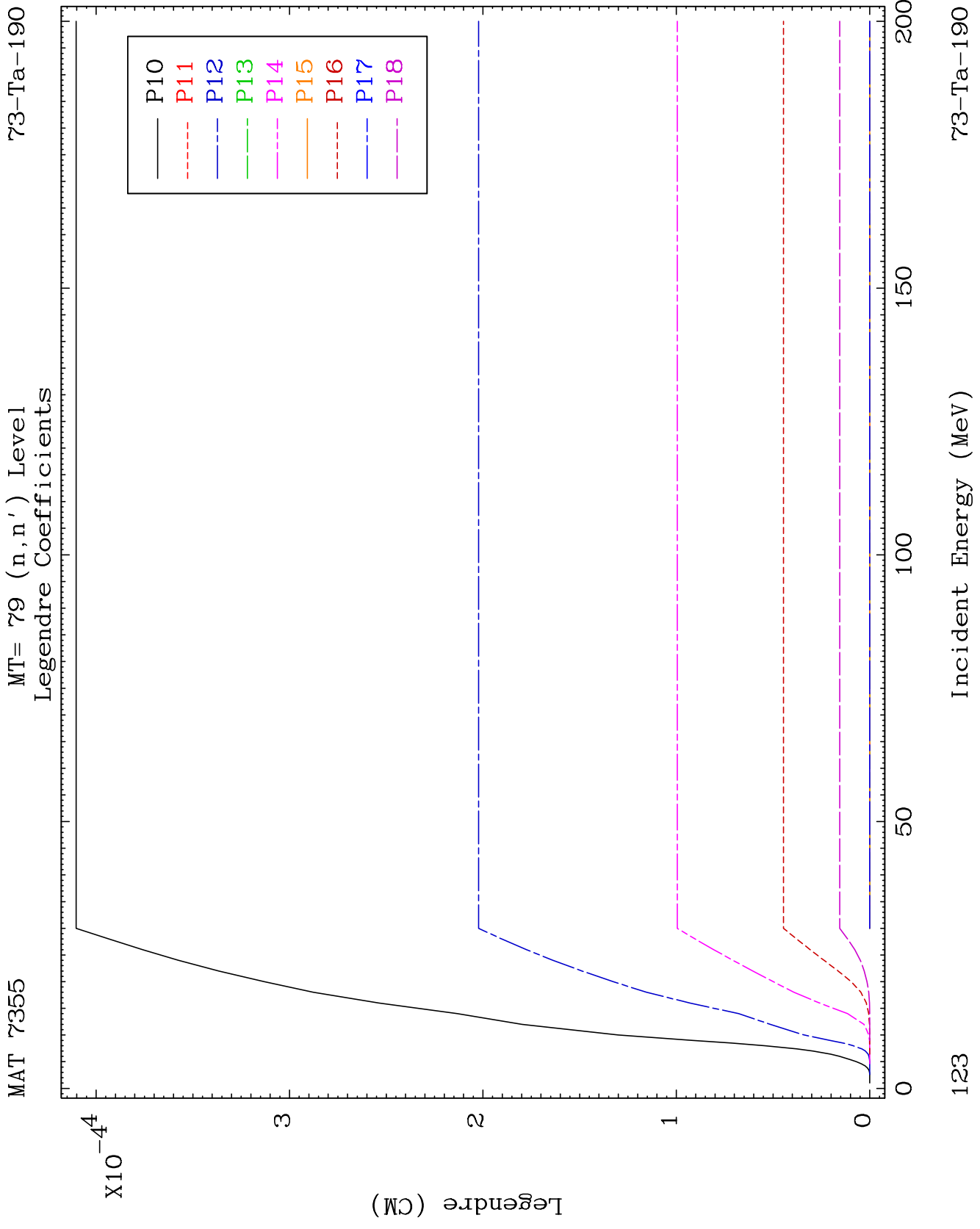


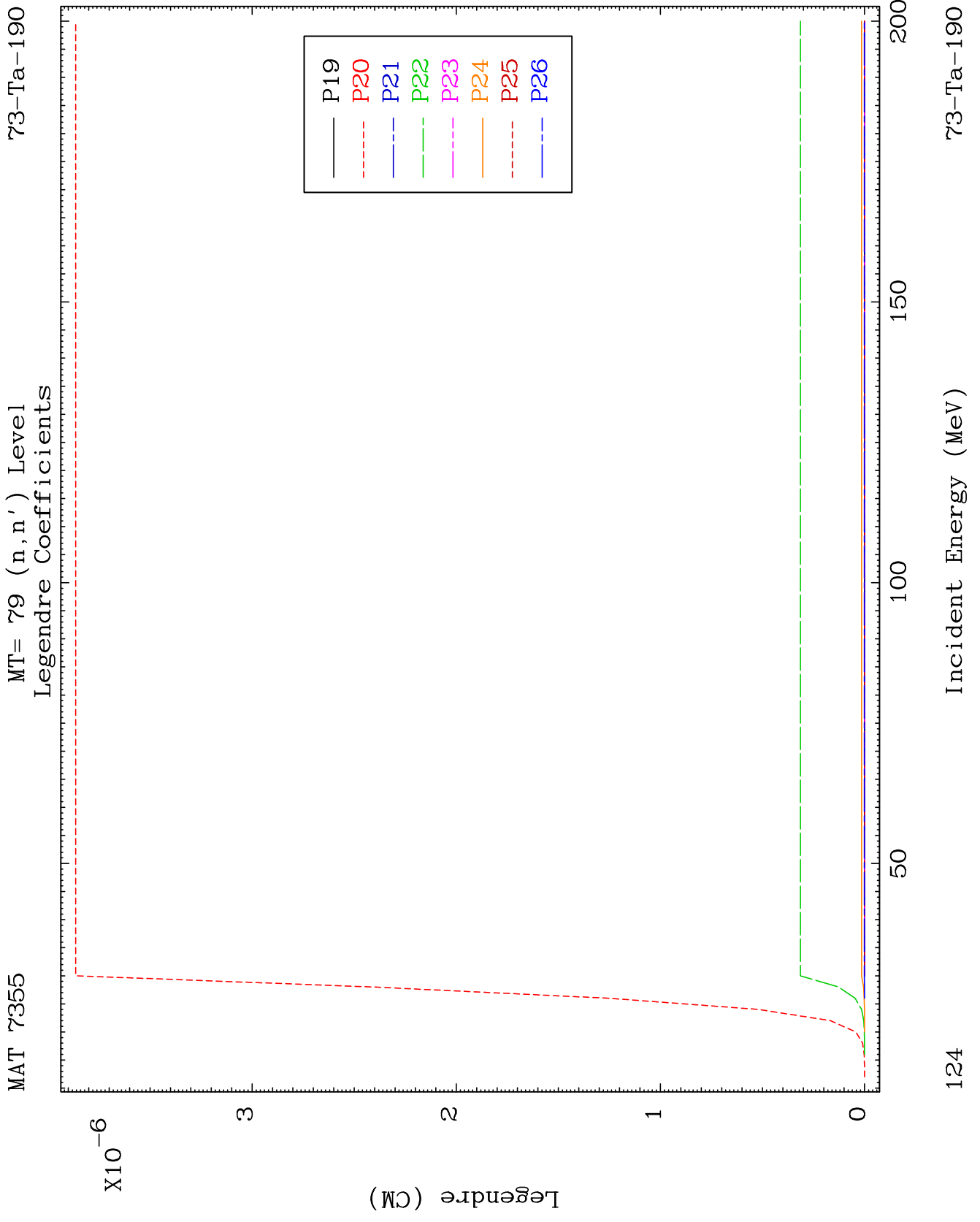


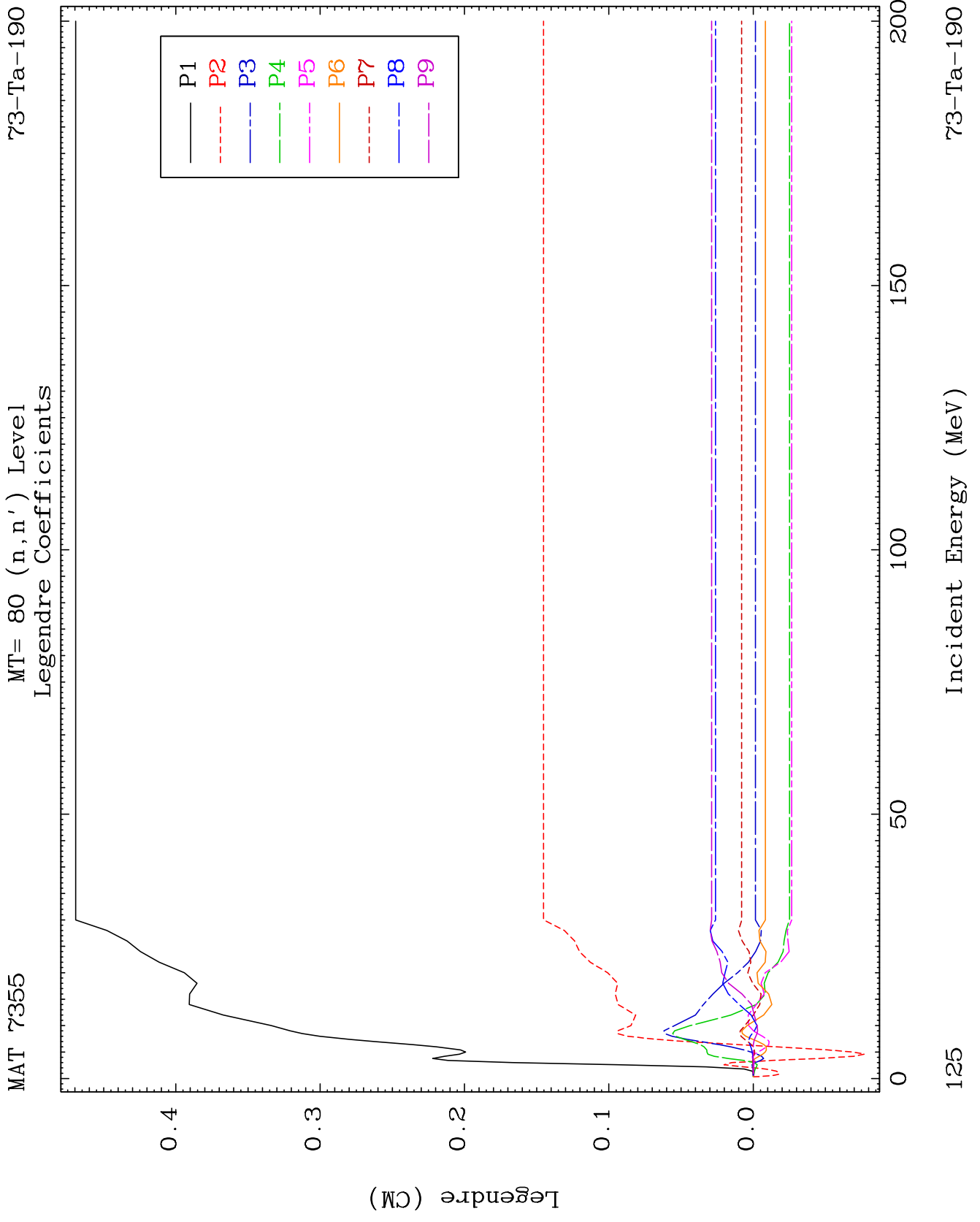


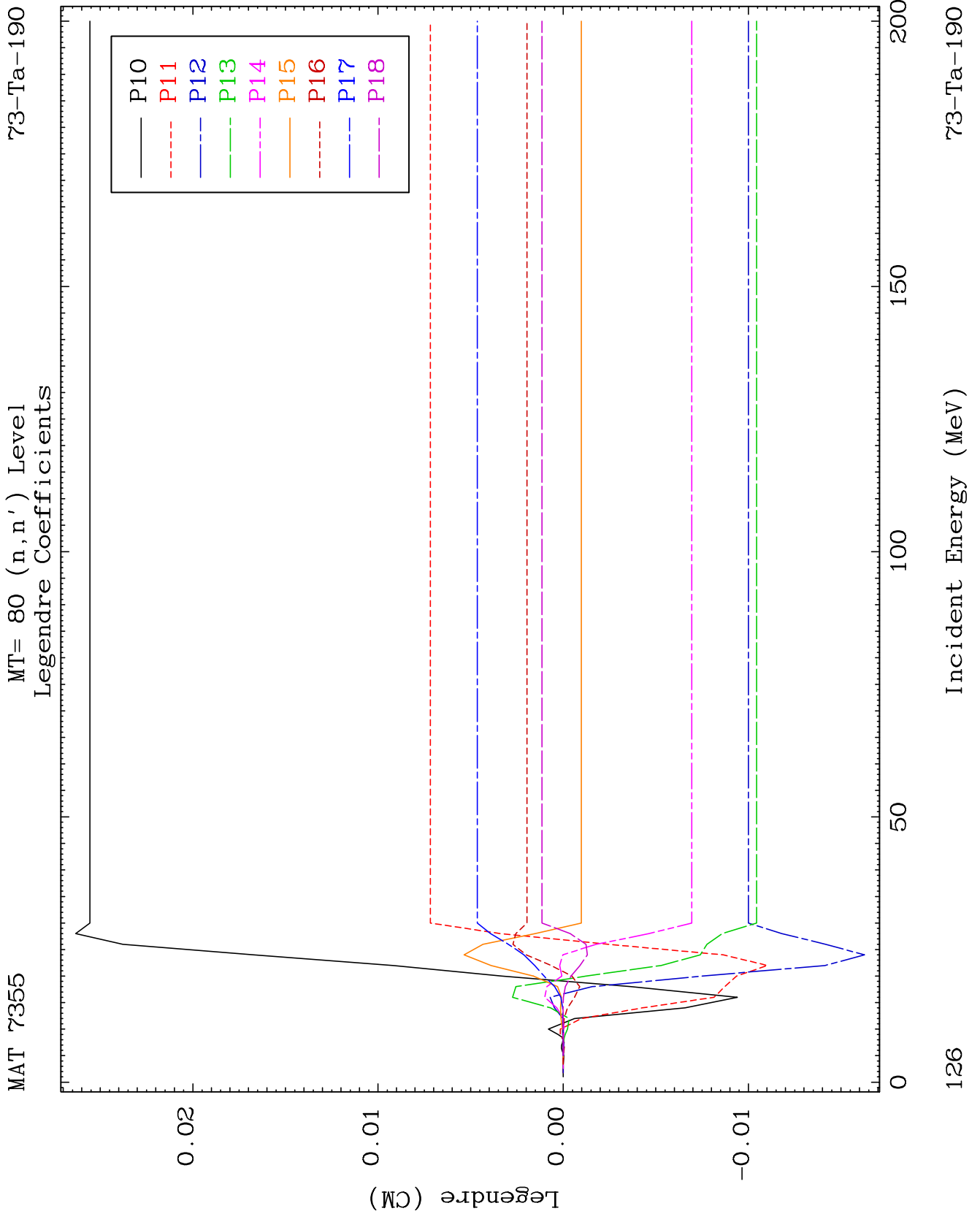


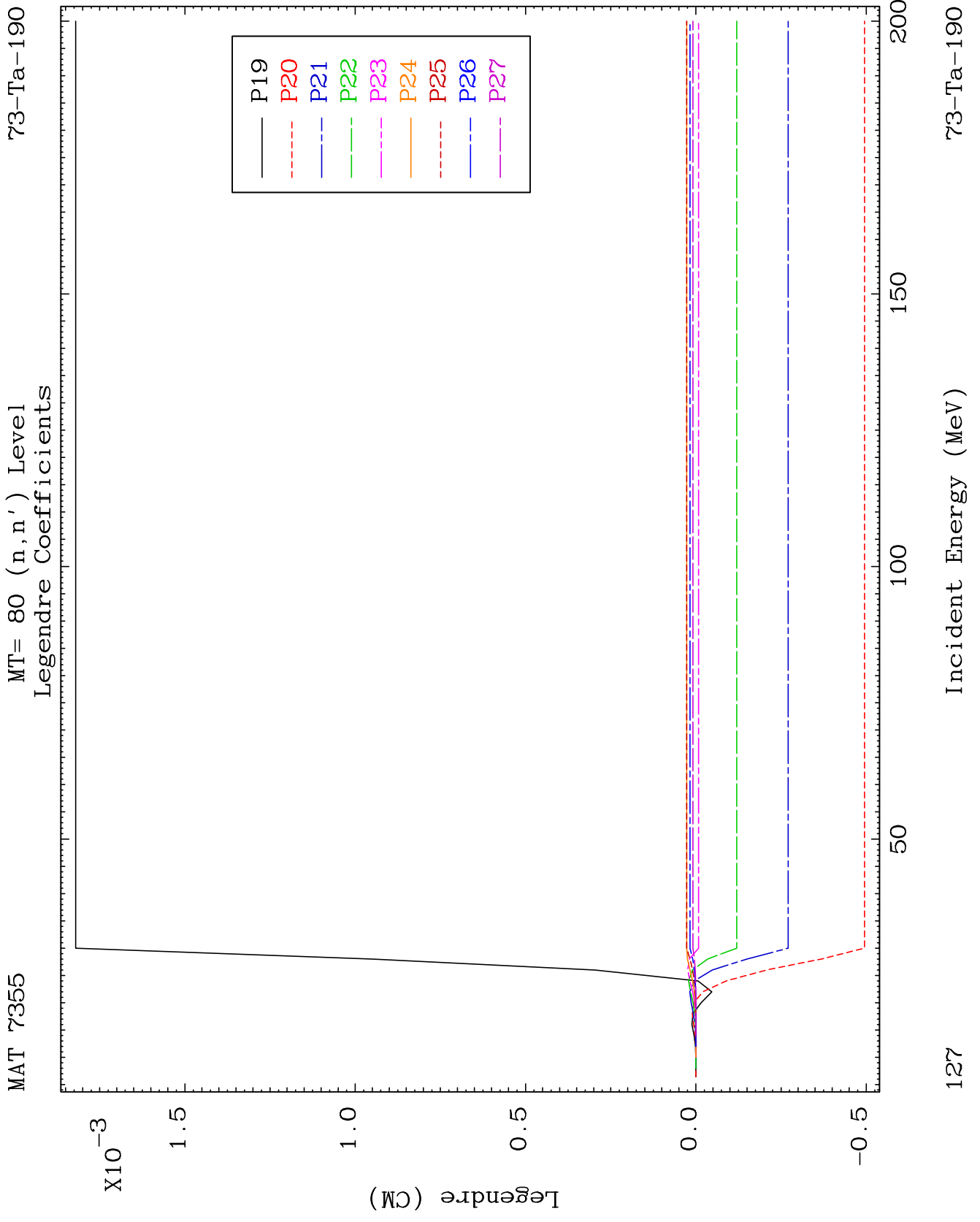


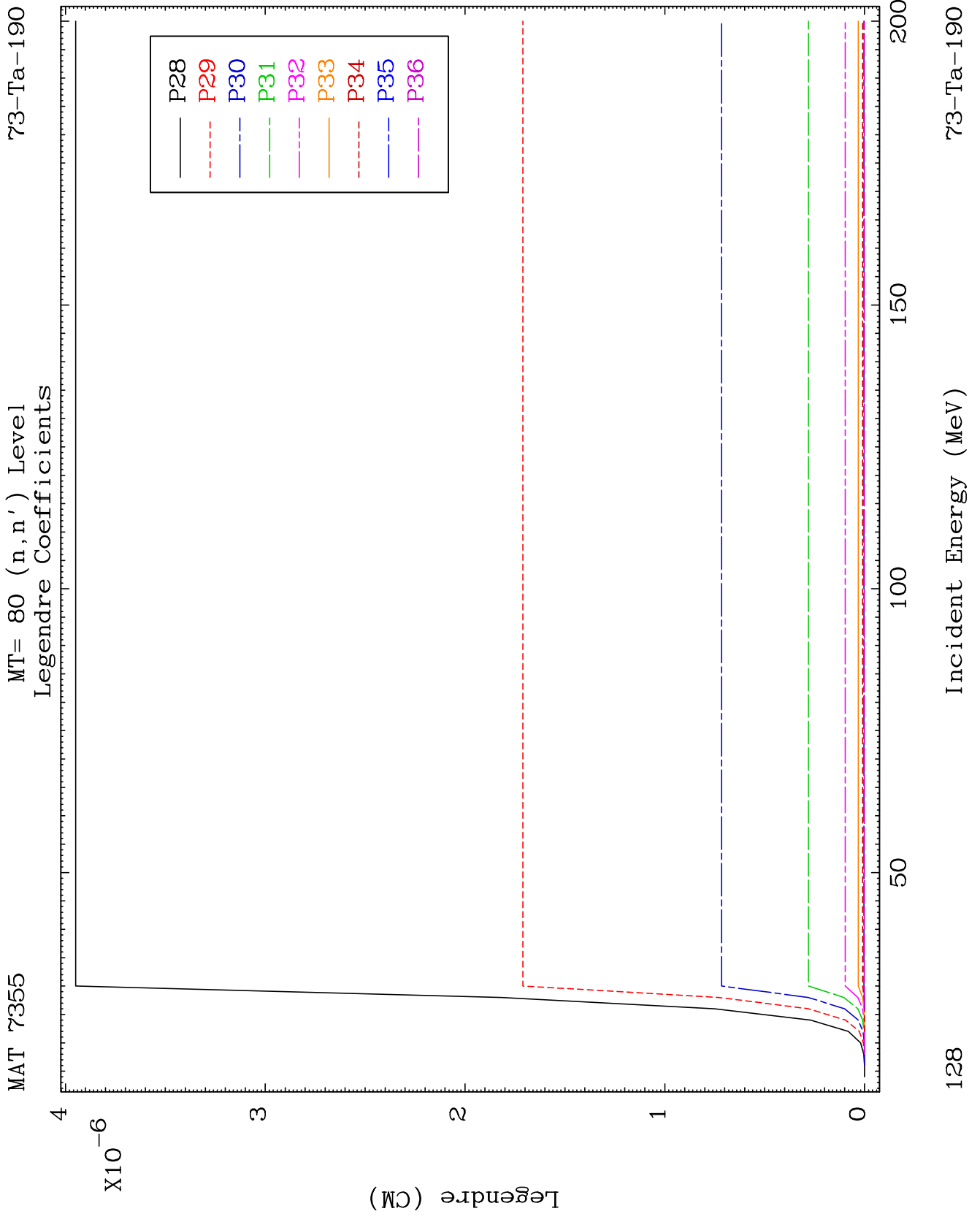










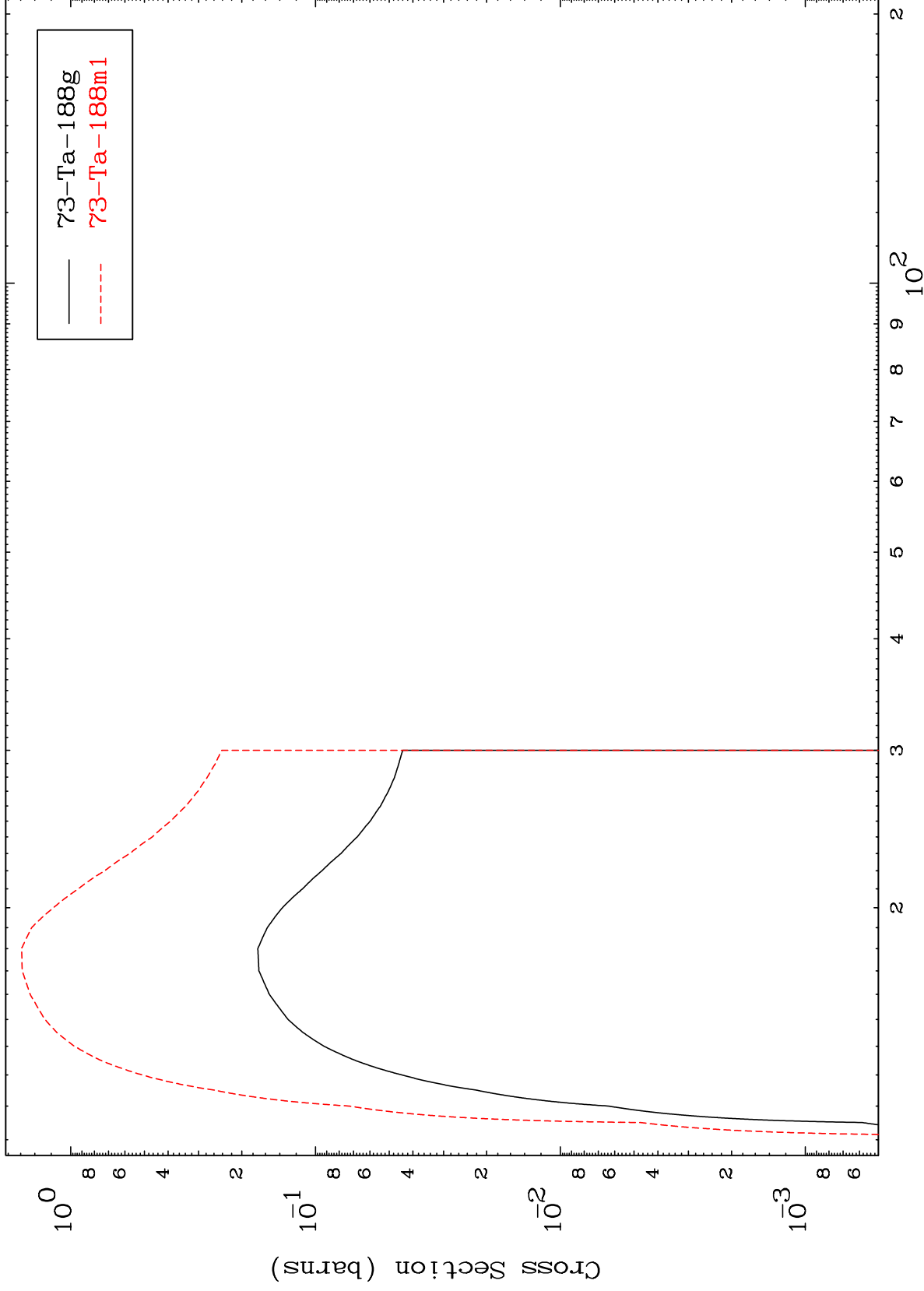


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(n,3n)

⁷³Ta-190

Radionuclide Production Cross Section



129

Incident Energy (MeV)

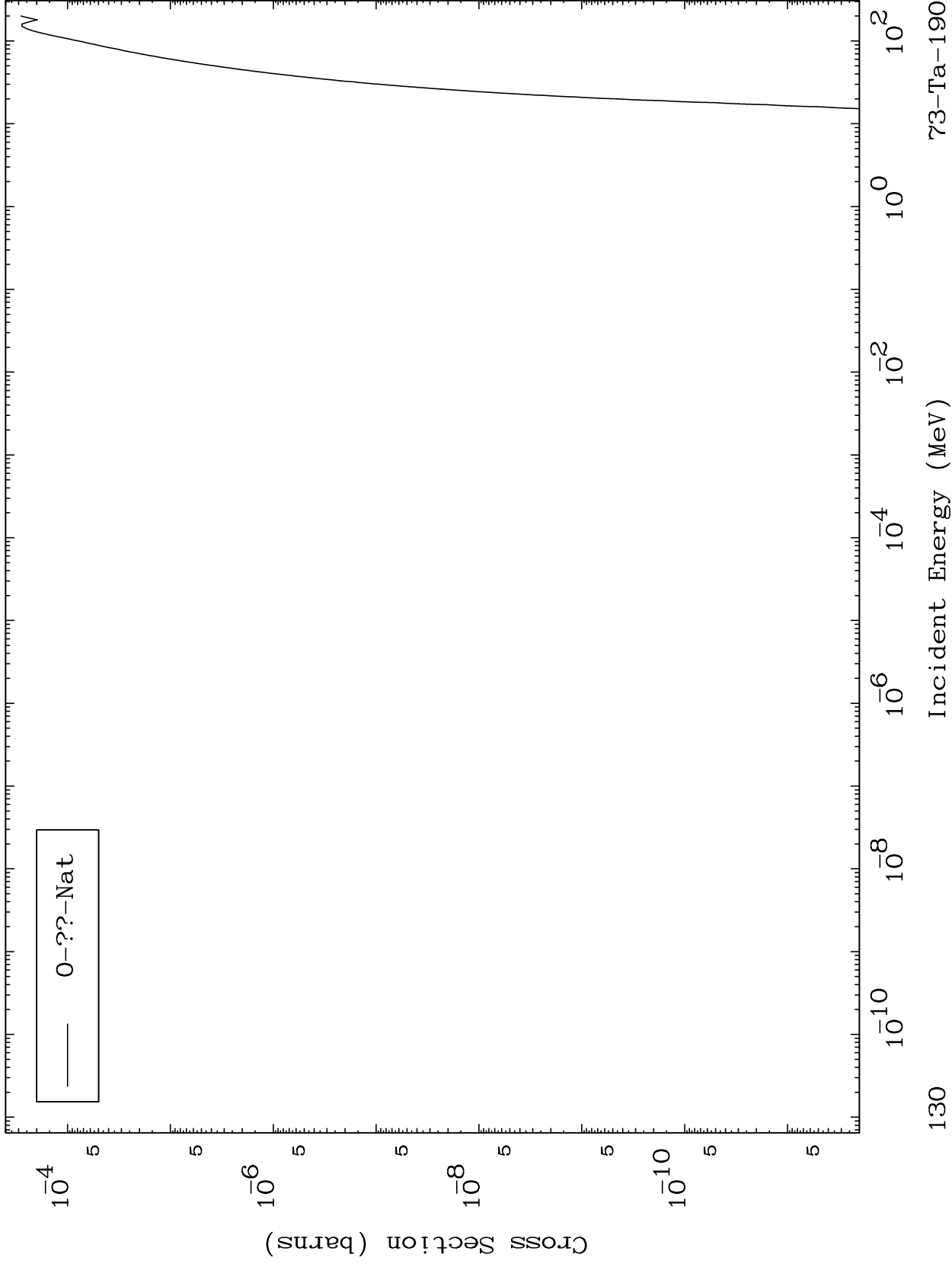
⁷³Ta-190

MAT 7355

Fission

⁷³Ta-190

Radionuclide Production Cross Section



130

⁷³Ta-190