

Program EVALPLOT
(Version 2021-1)

by

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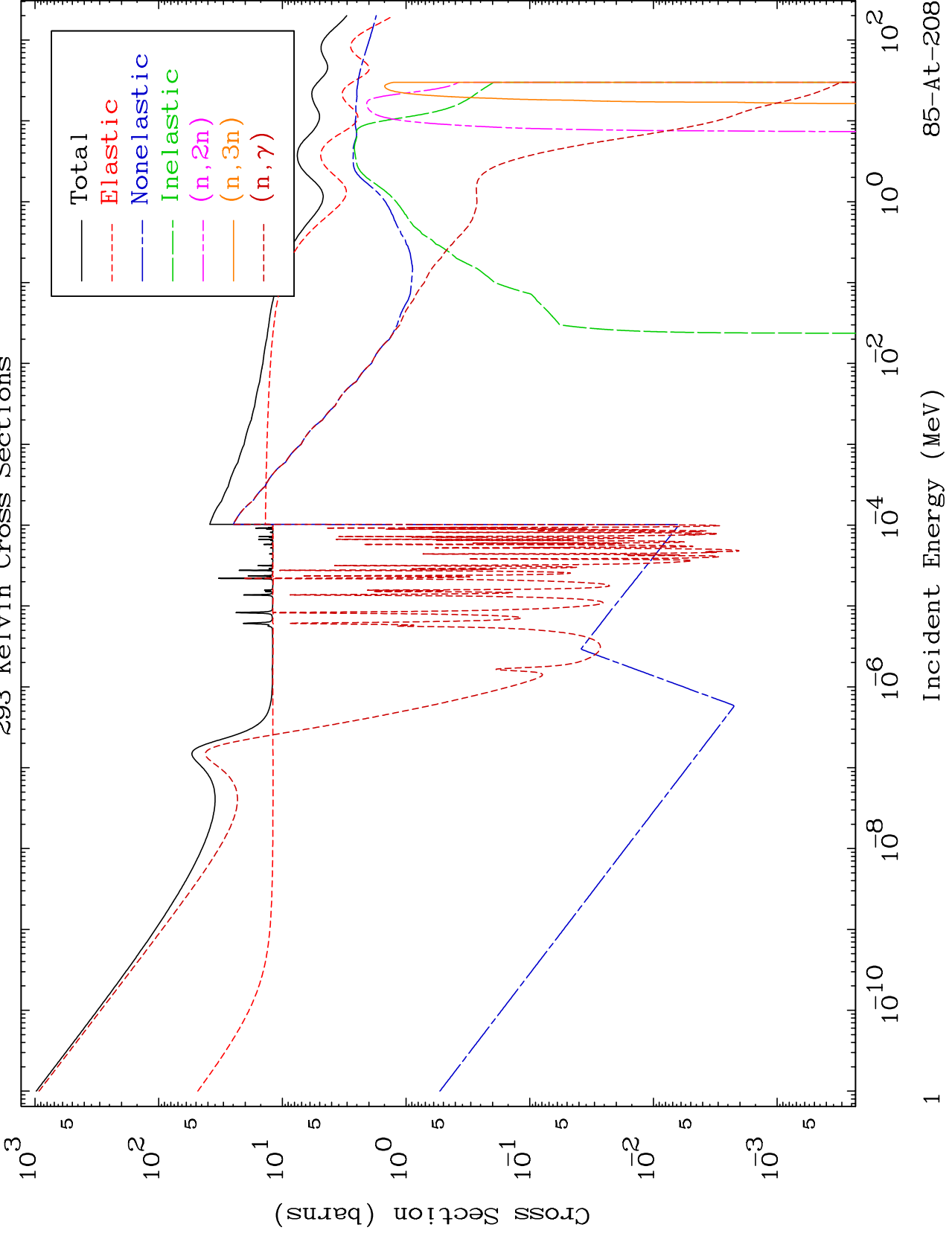
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Press Mouse Button to Start

MAT 8540

Neutron Major
293 Kelvin Cross Sections

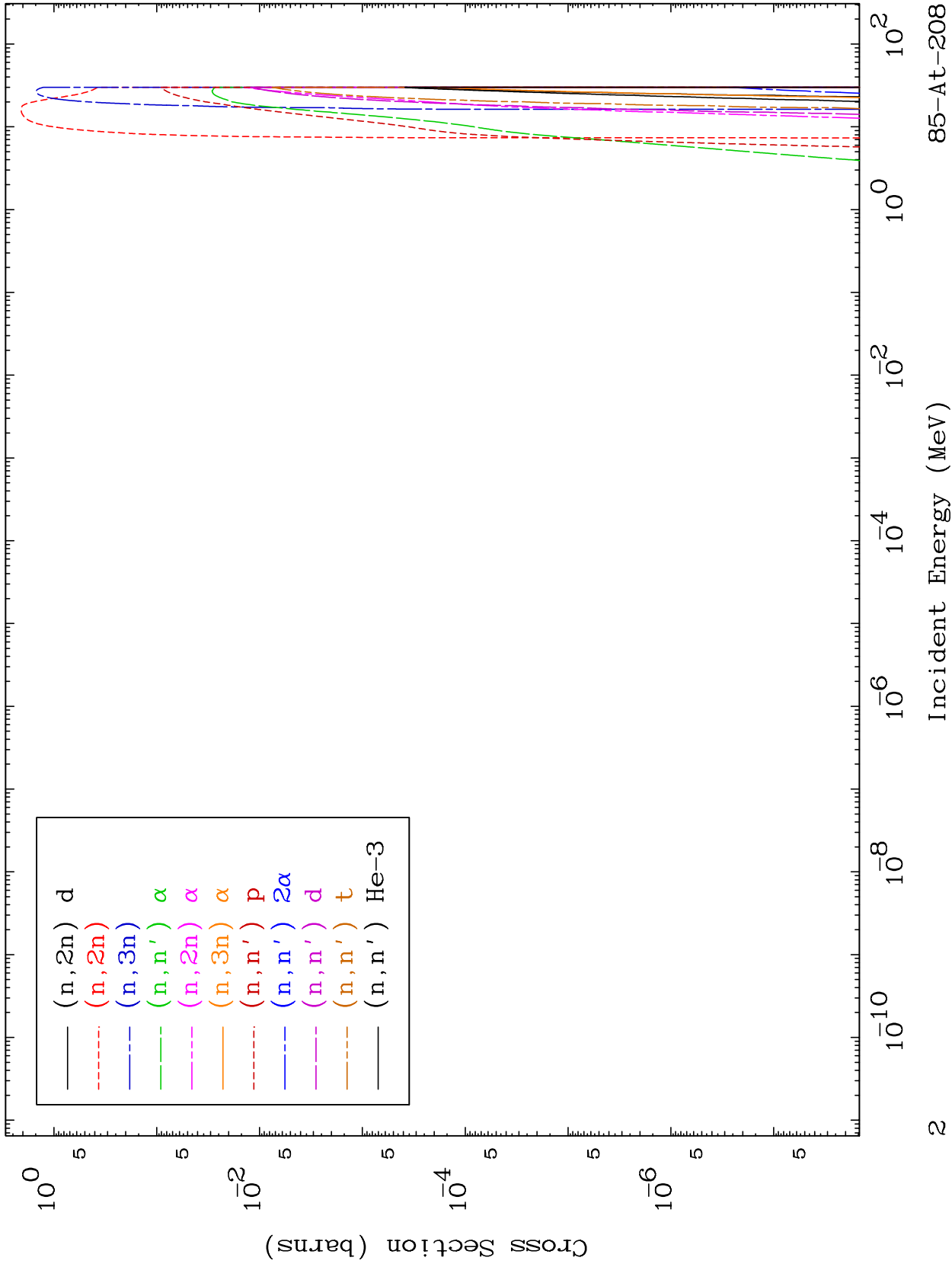
85-At-208



MAT 8540

Neutron Absorption
293 Kelvin Cross Sections

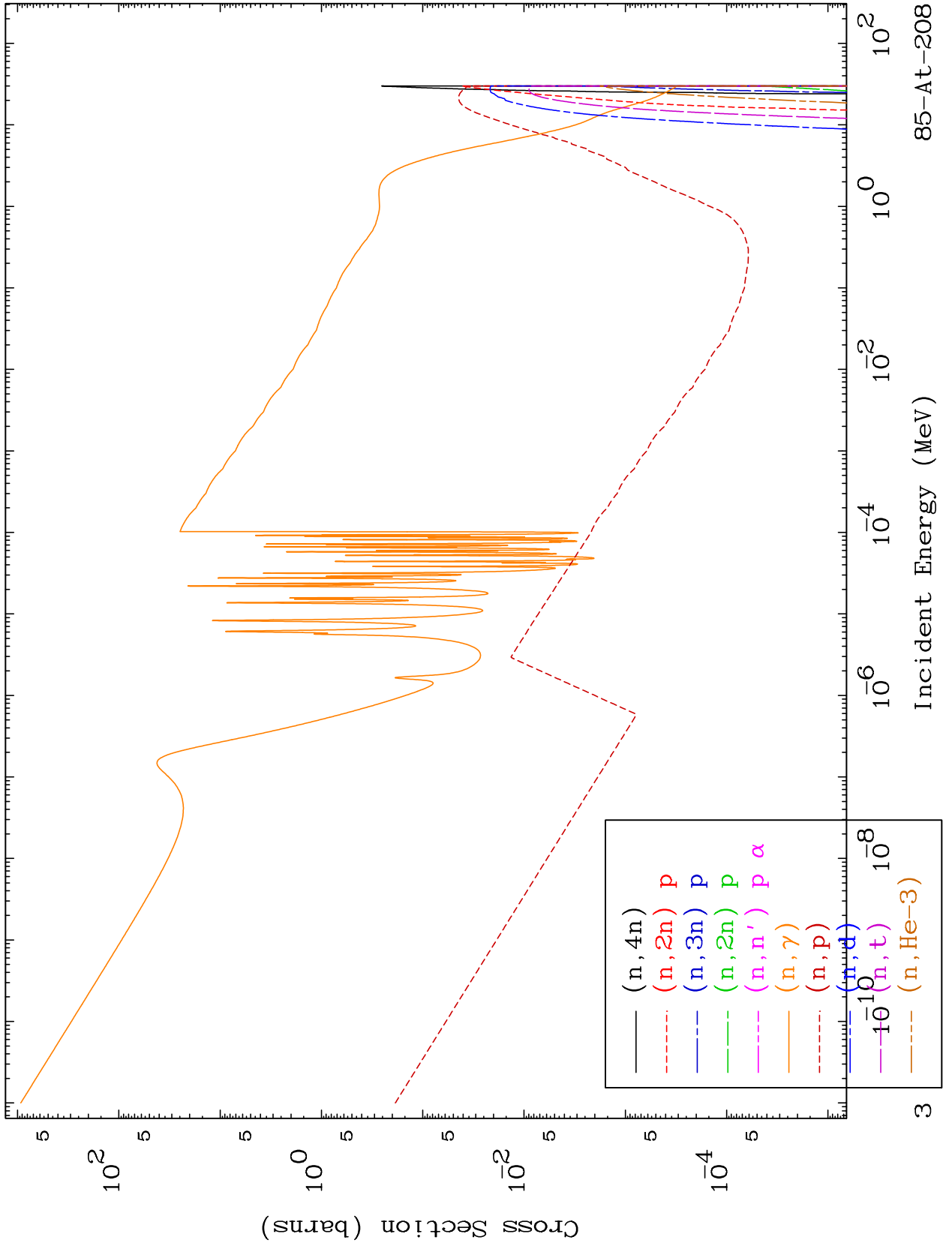
85-At-208

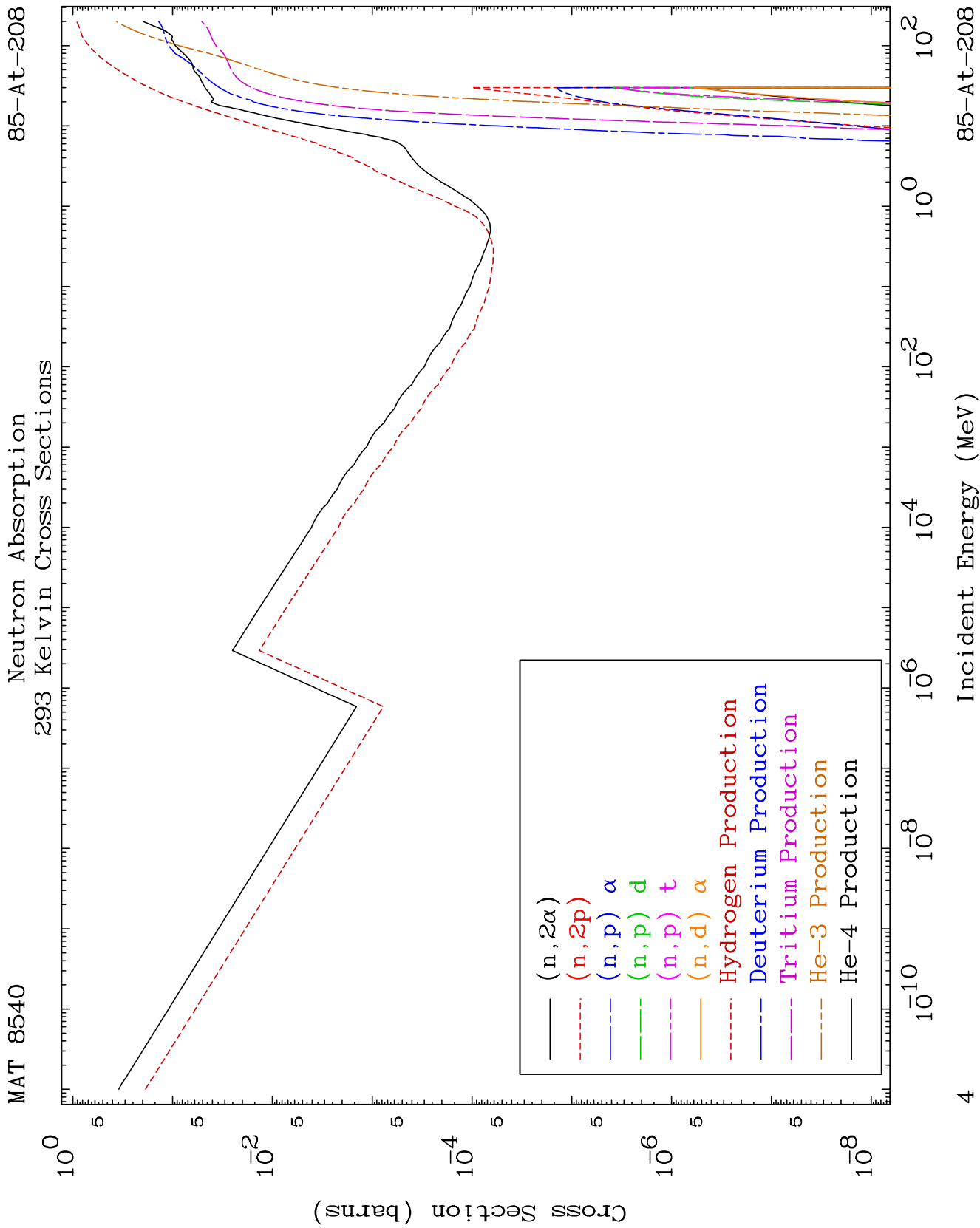


MAT 8540

Neutron Absorption
293 Kelvin Cross Sections

85-At-208

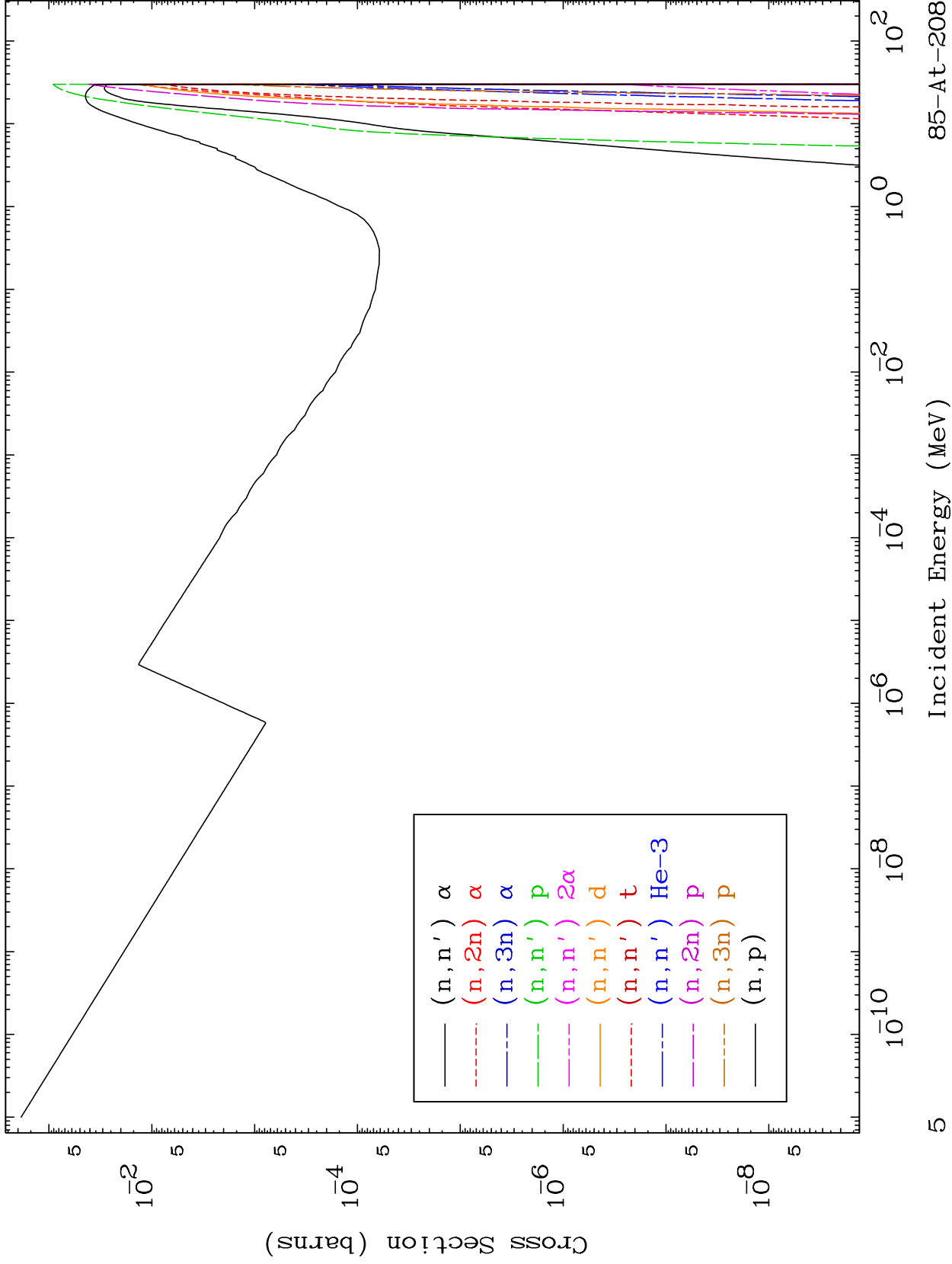




MAT 8540

Charged Particle
293 Kelvin Cross Sections

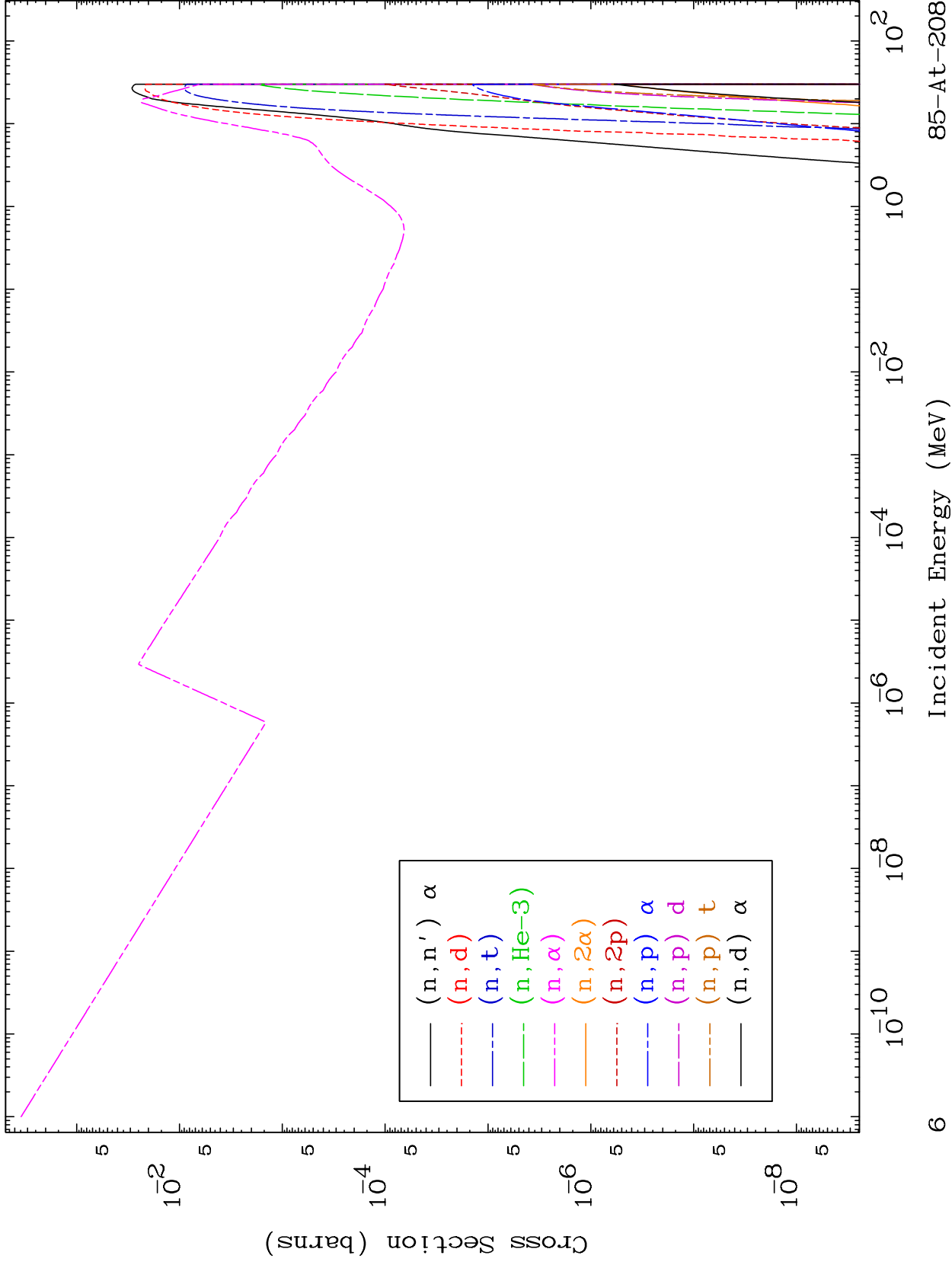
85-At-208



MAT 8540

Charged Particle
293 Kelvin Cross Sections

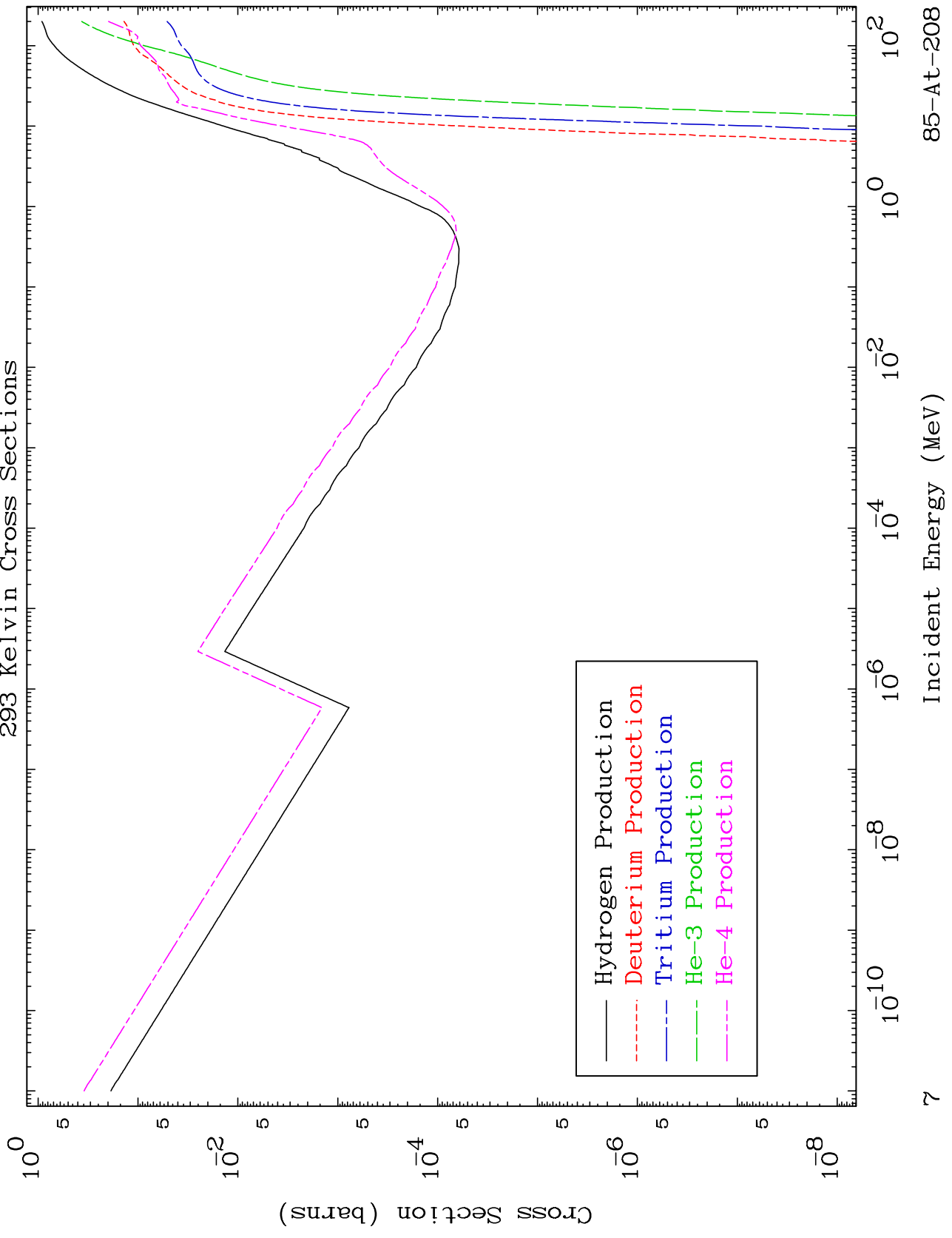
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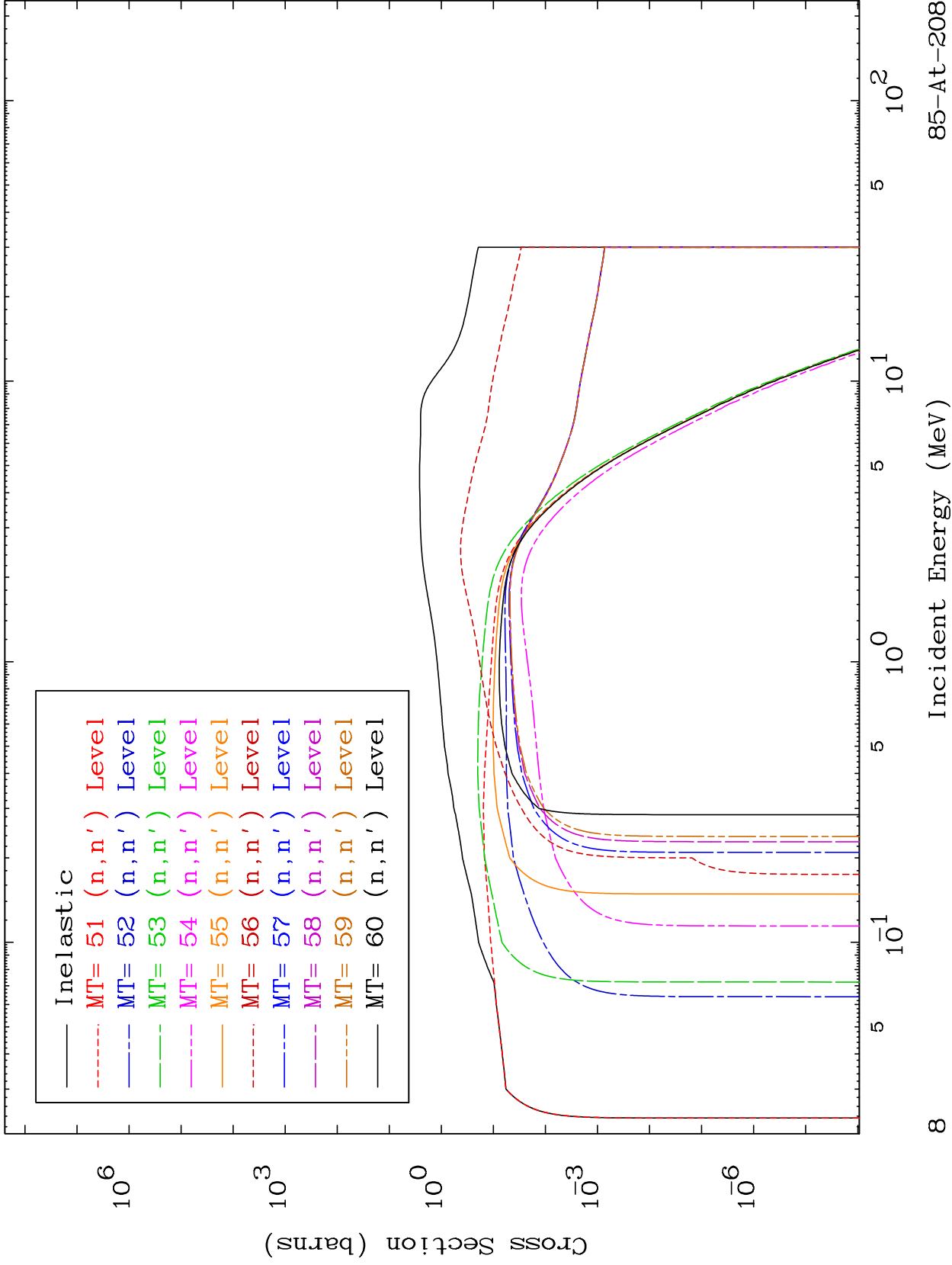


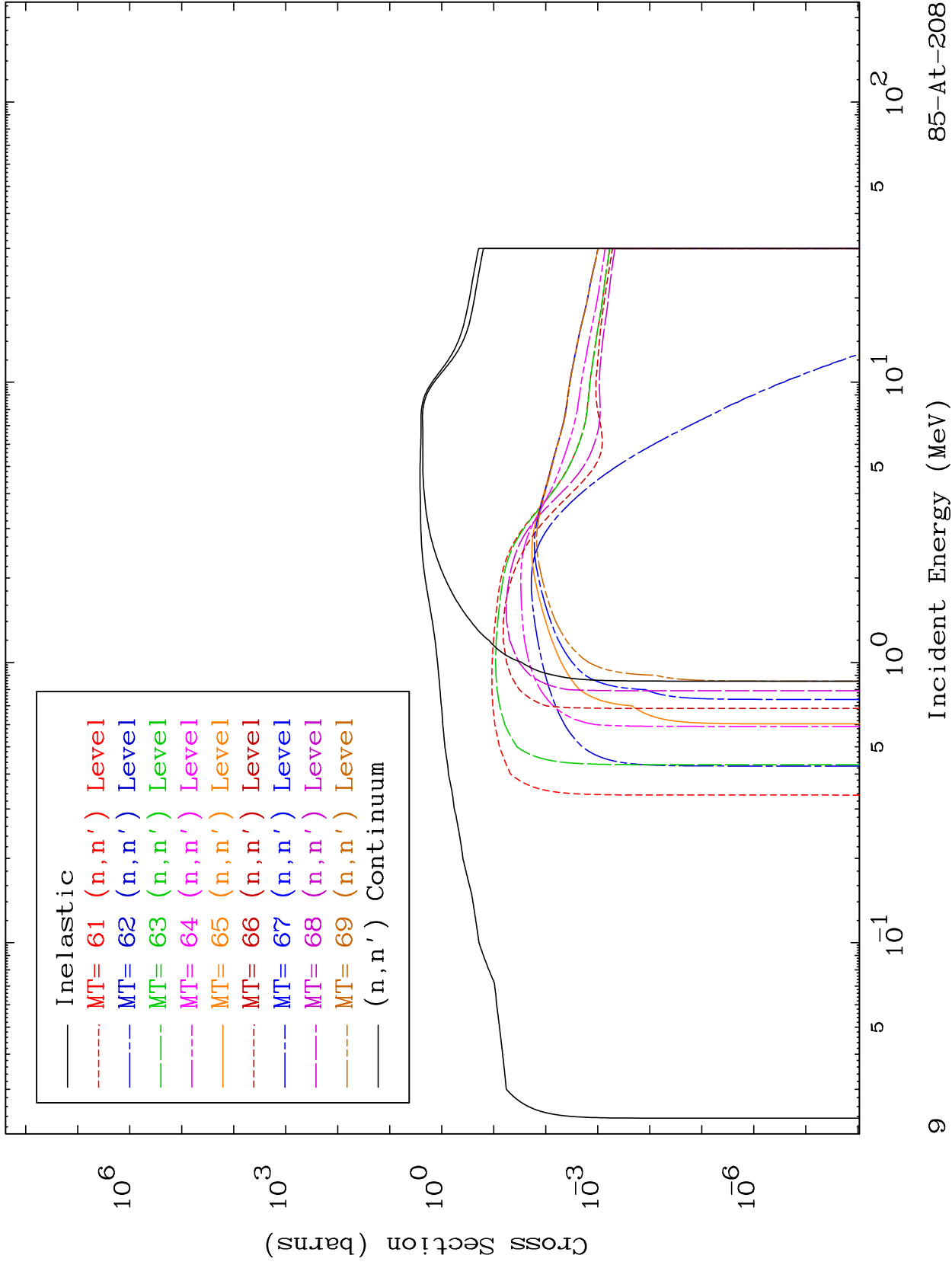
MAT 8540

Particle Production
293 Kelvin Cross Sections

85-At-208



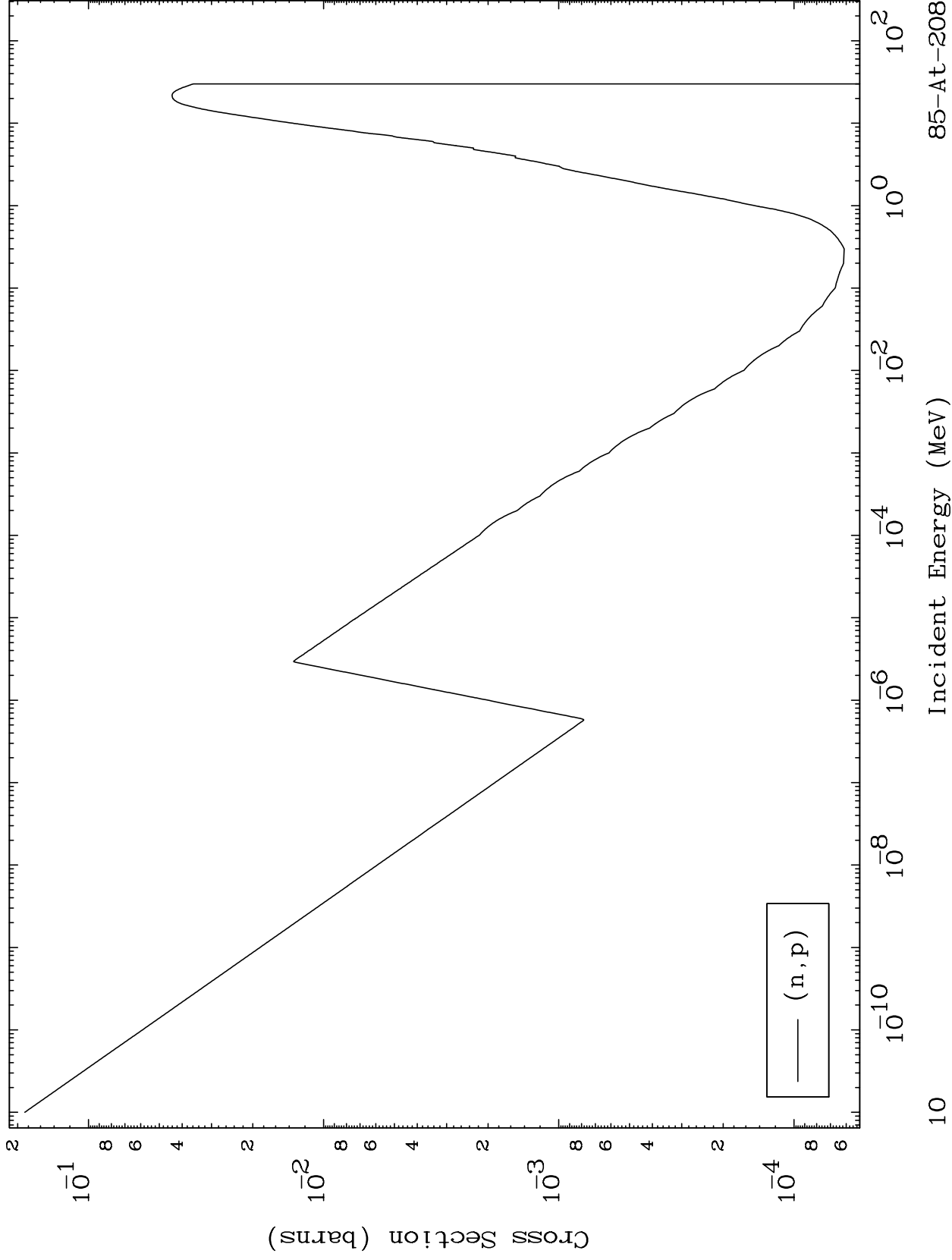




MAT 8540

(n,p) Levels
293 Kelvin Cross Sections

85-At-208



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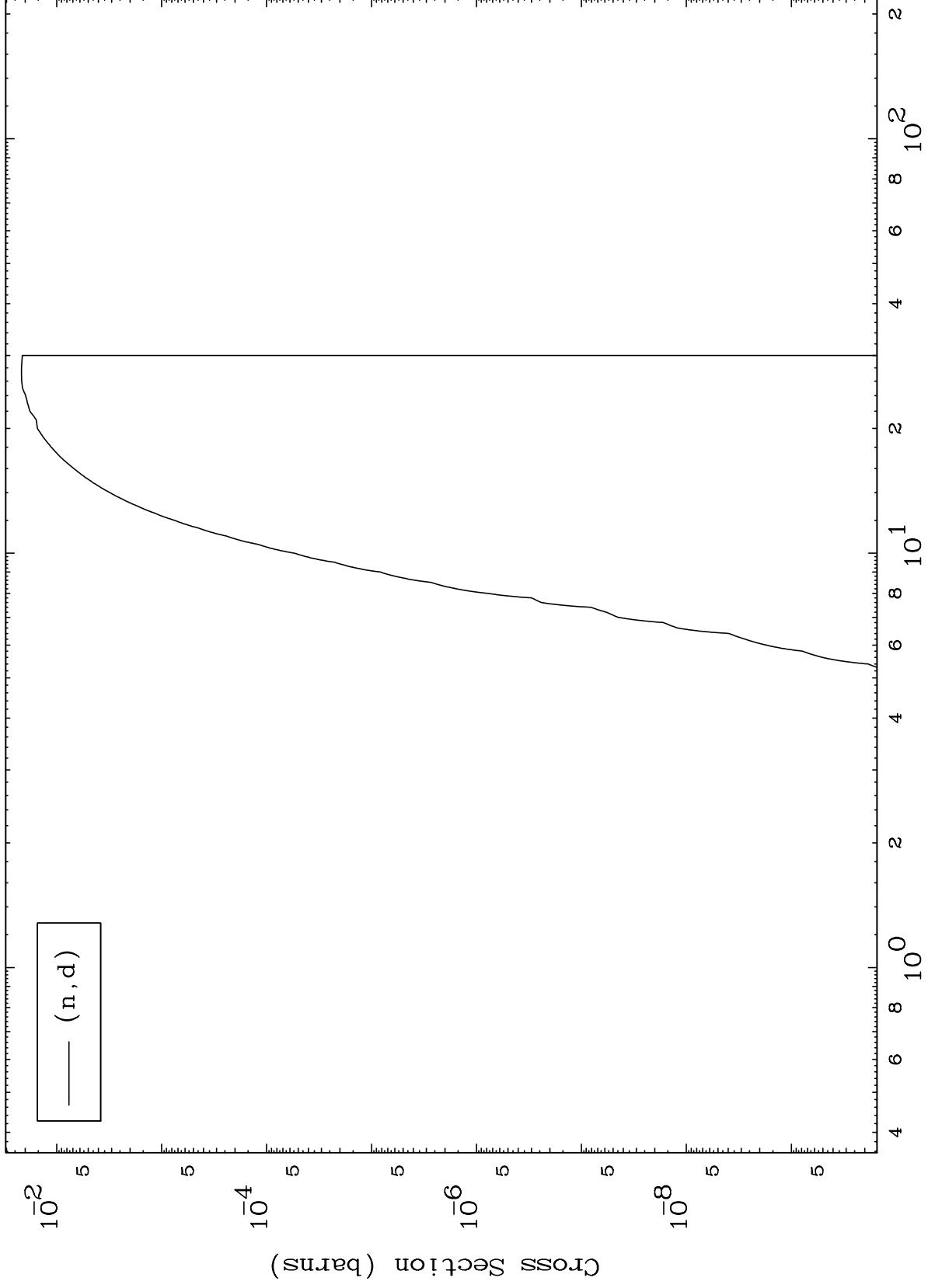
Incident Energy (MeV)

85-At-208

MAT 8540

(n,d) Levels
293 Kelvin Cross Sections

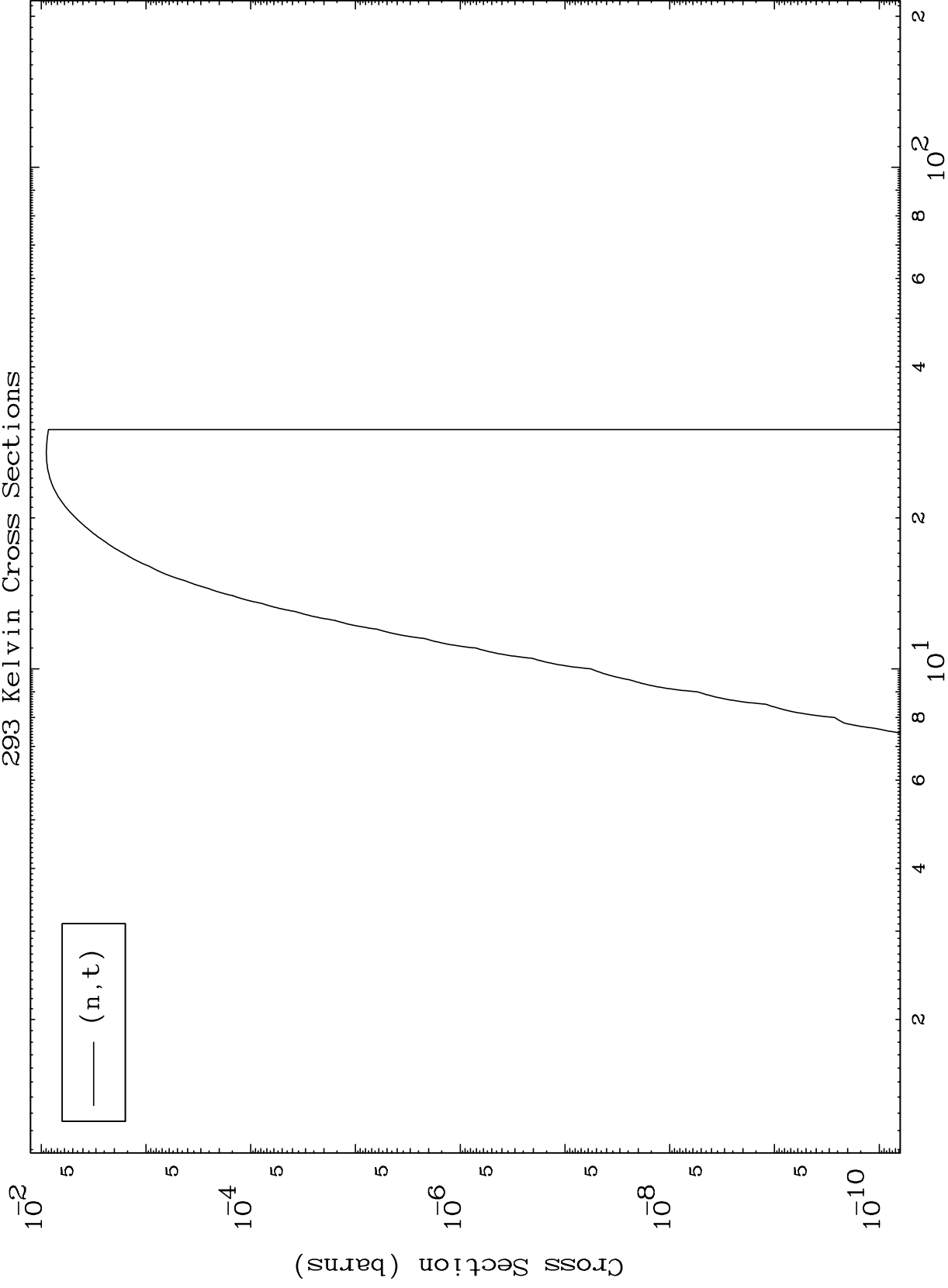
85-At-208



MAT 8540

(n,t) Levels
293 Kelvin Cross Sections

85-At-208



12

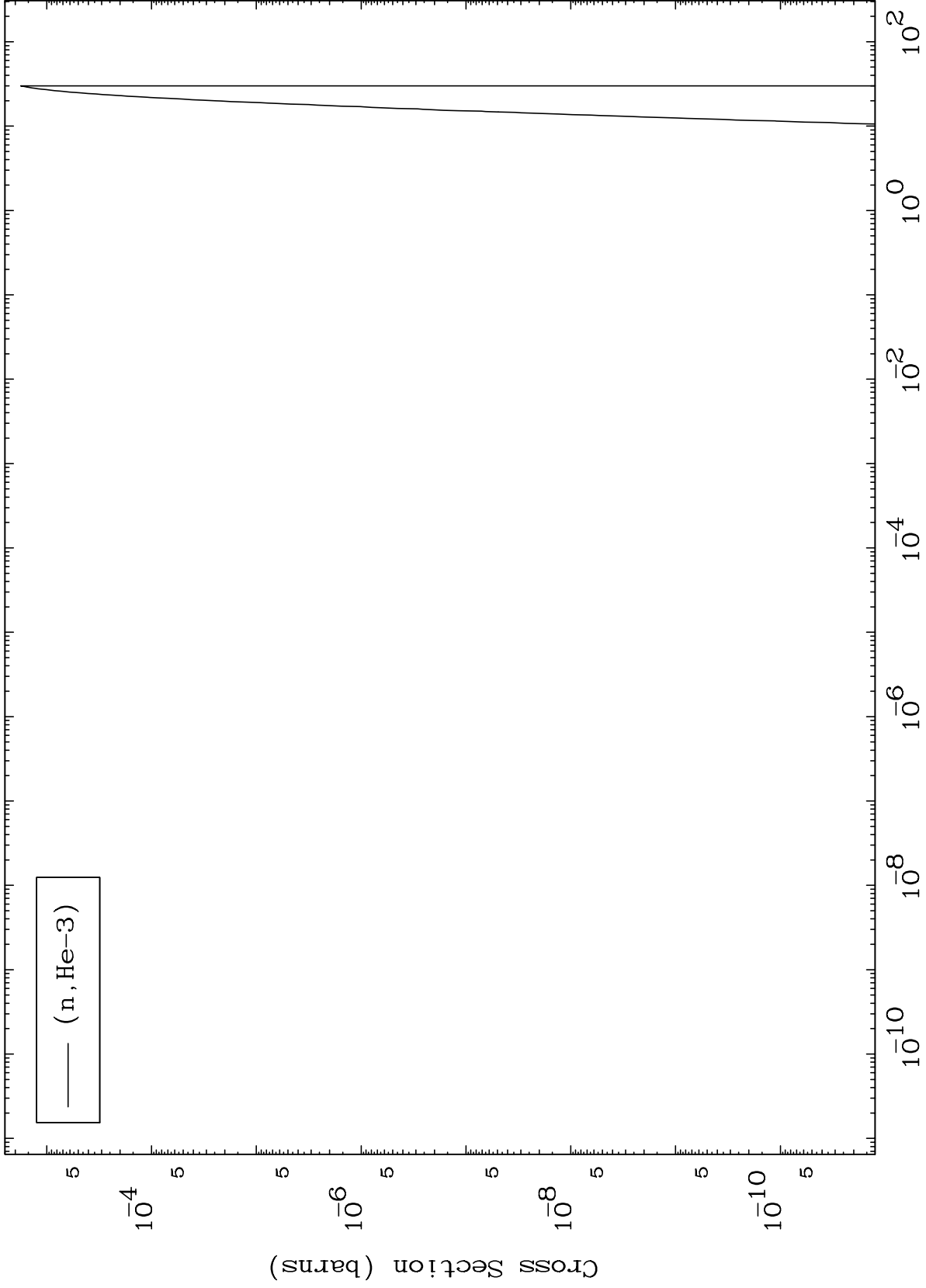
Incident Energy (MeV)

85-At-208

MAT 8540

(n,He3) Levels
293 Kelvin Cross Sections

85-At-208



13

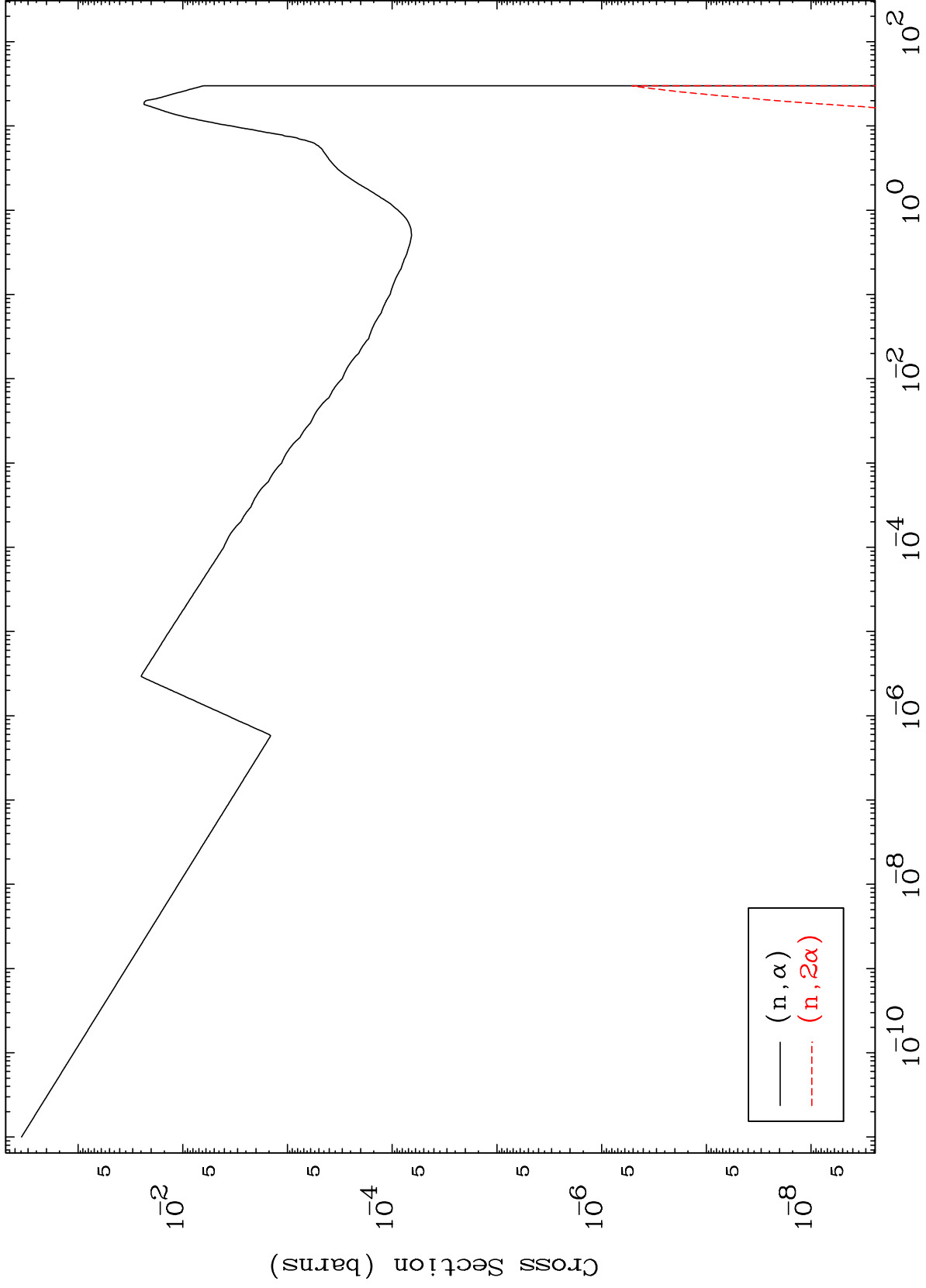
Incident Energy (MeV)

85-At-208

MAT 8540

(n, α) Levels
293 Kelvin Cross Sections

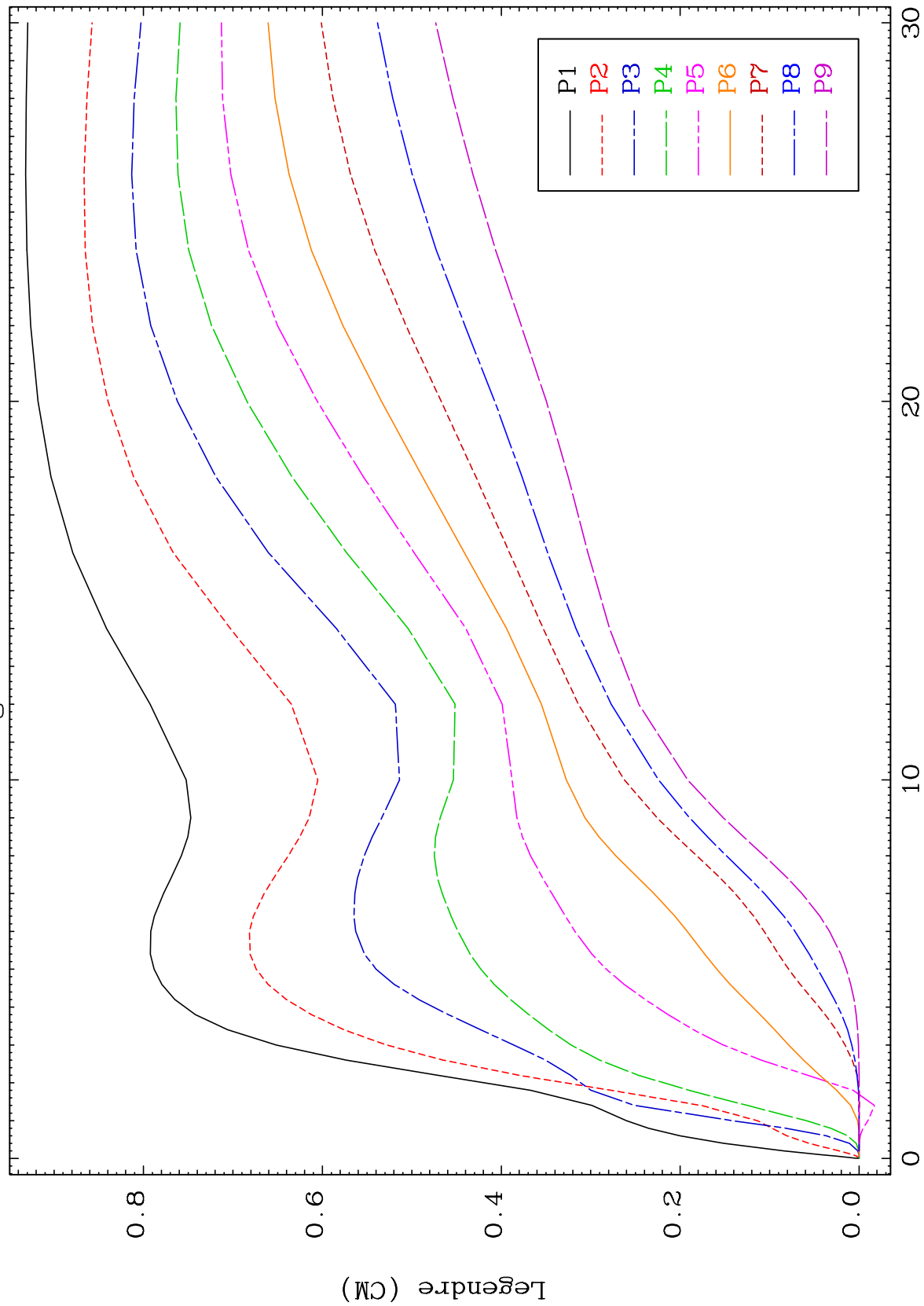
85-At-208



MAT 8540

Elastic Legendre Coefficients

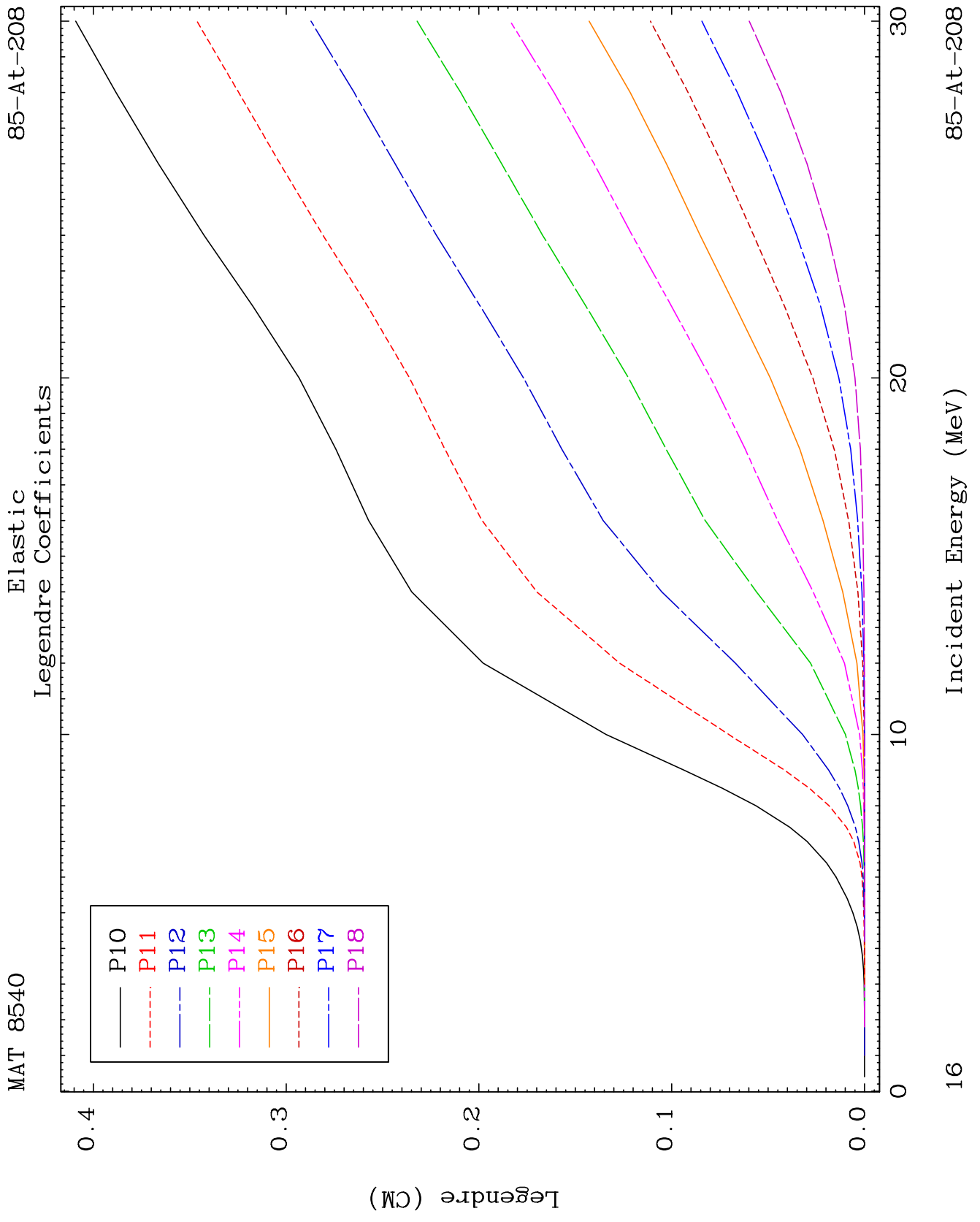
85-At-208



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Incident Energy (MeV)

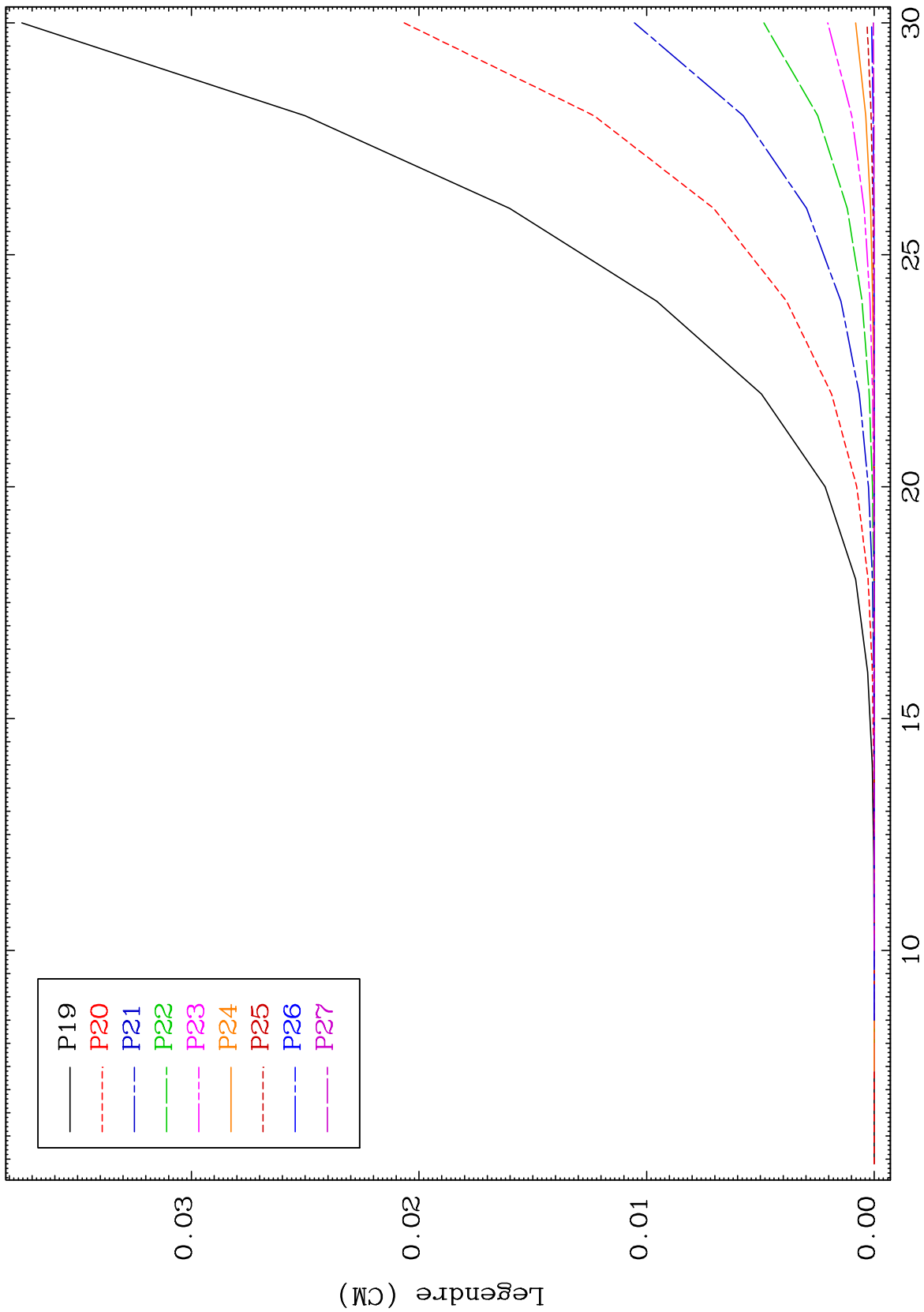
85-At-208



MAT 8540

Elastic Legendre Coefficients

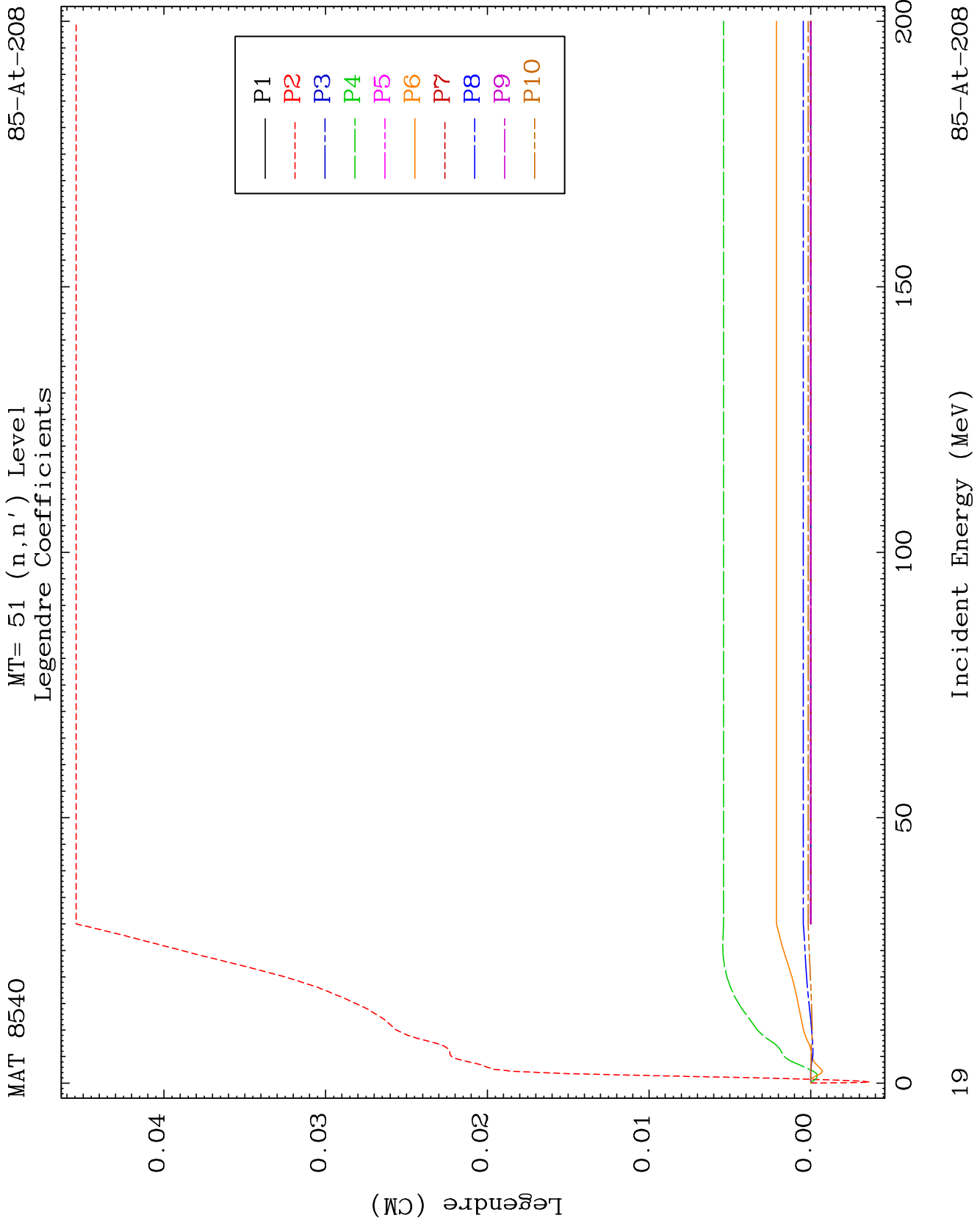
85-At-208



17

Incident Energy (MeV)

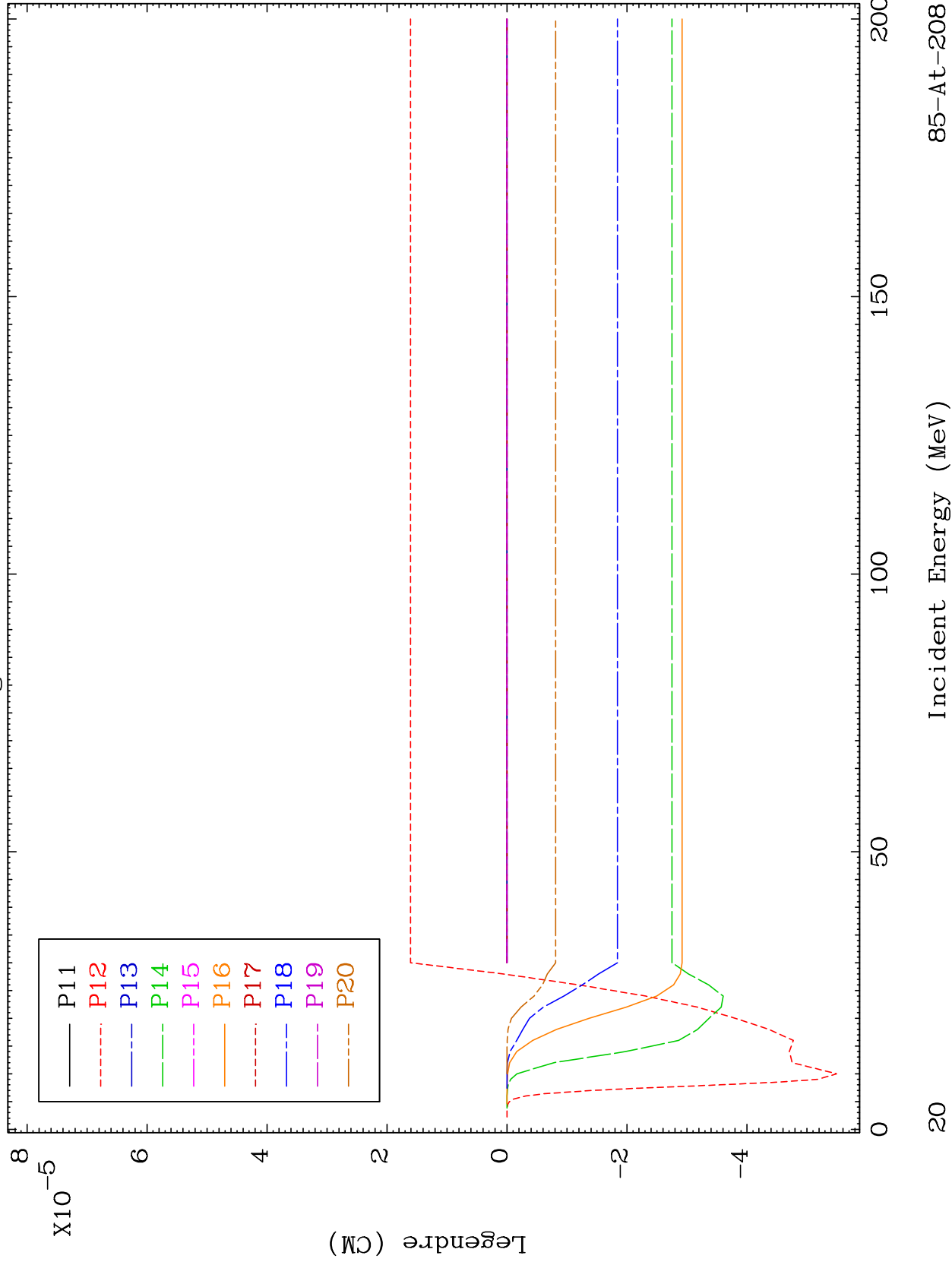
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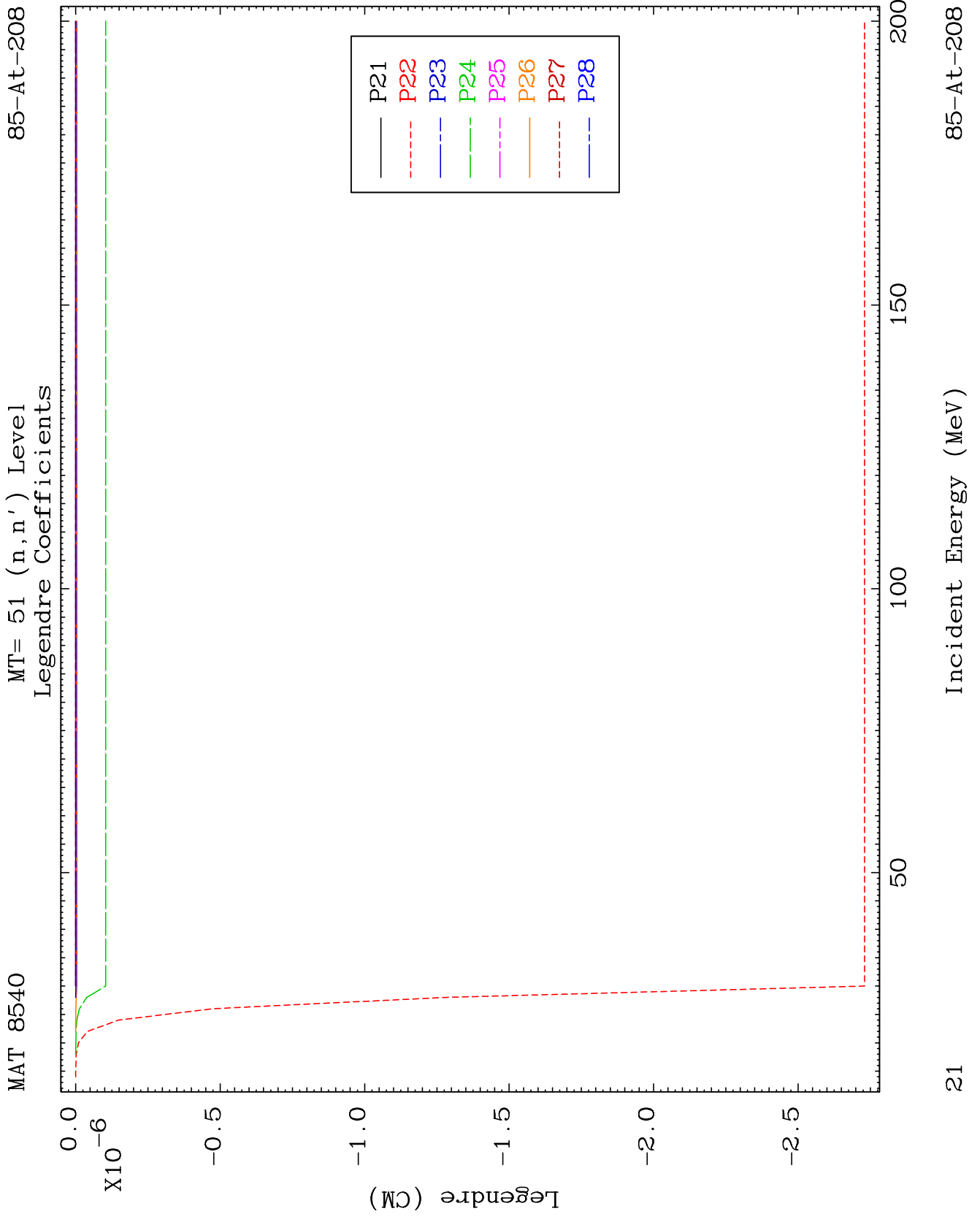


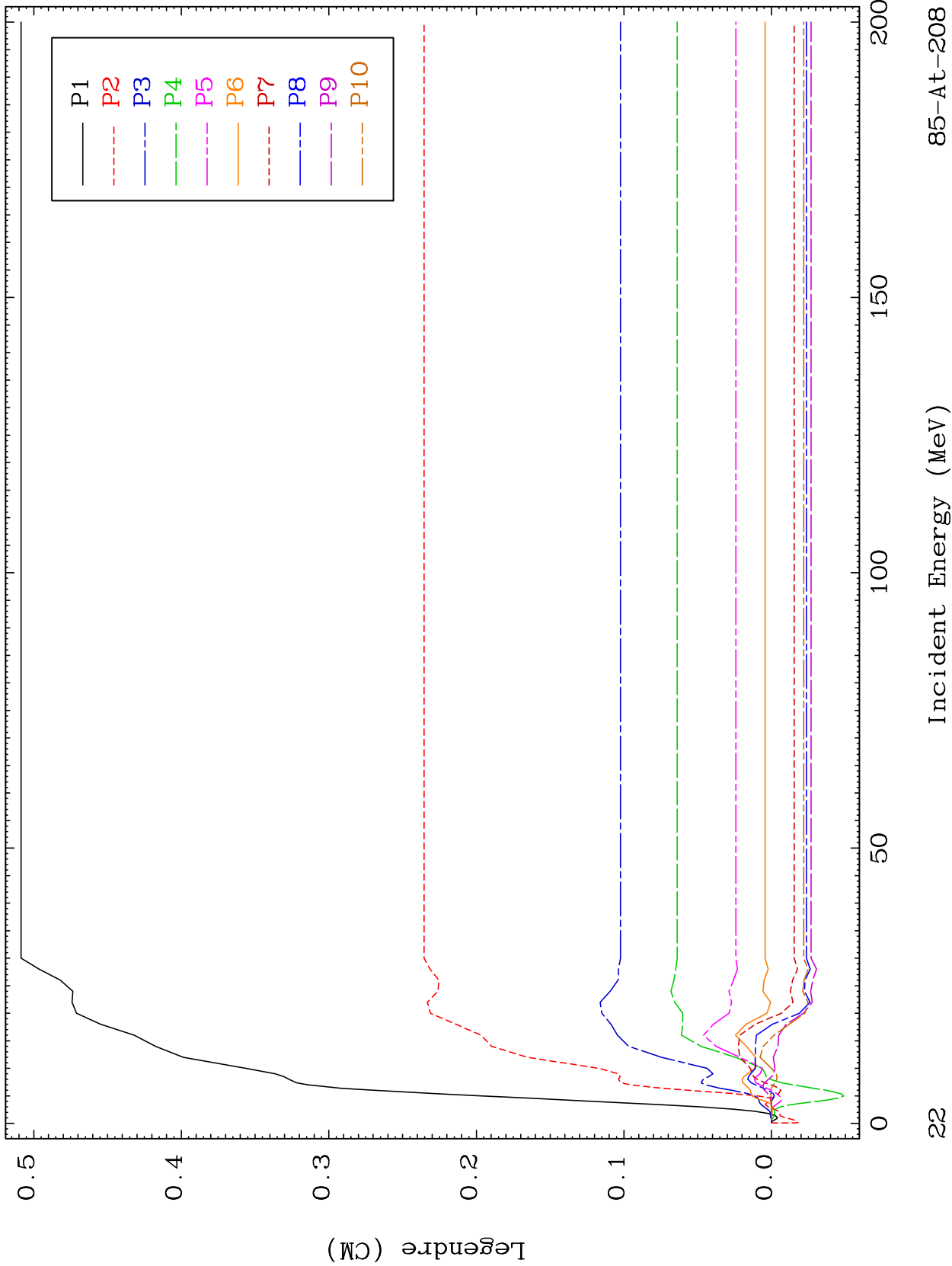
MAT 8540

MT= 51 (n,n') Level
Legendre Coefficients

85-At-208



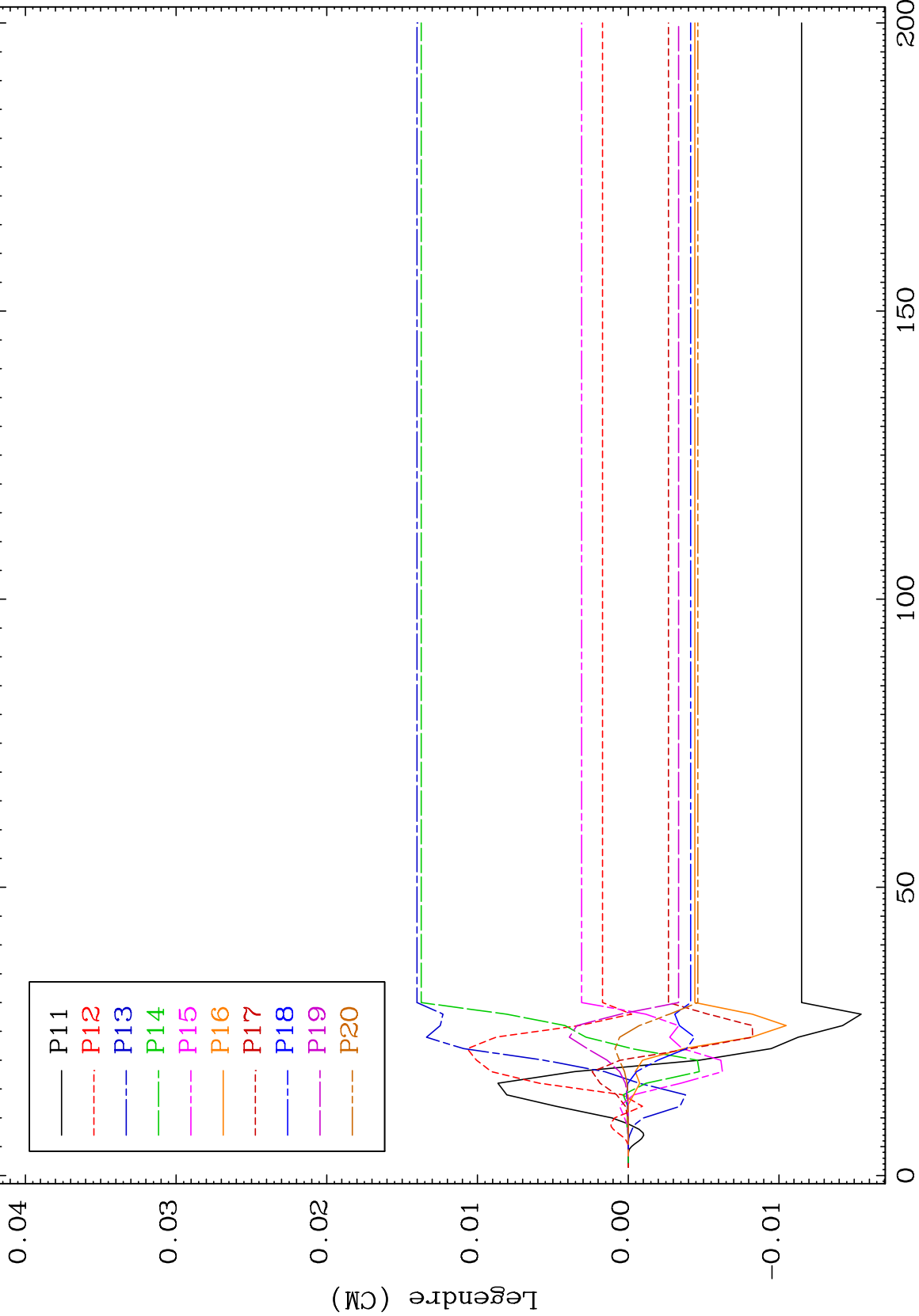




MAT 8540

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

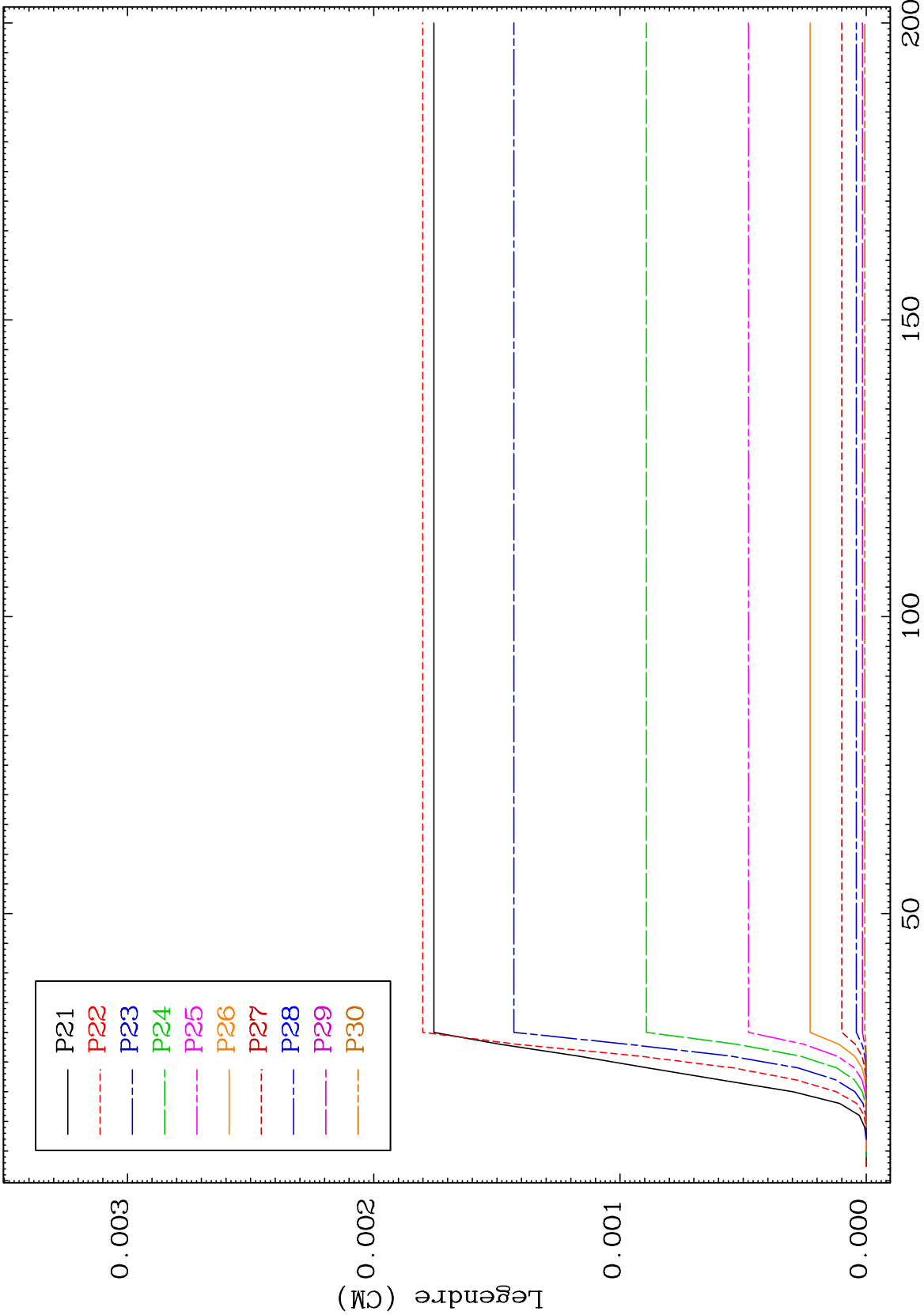
85-At-208



MAT 8540

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

85-At-208



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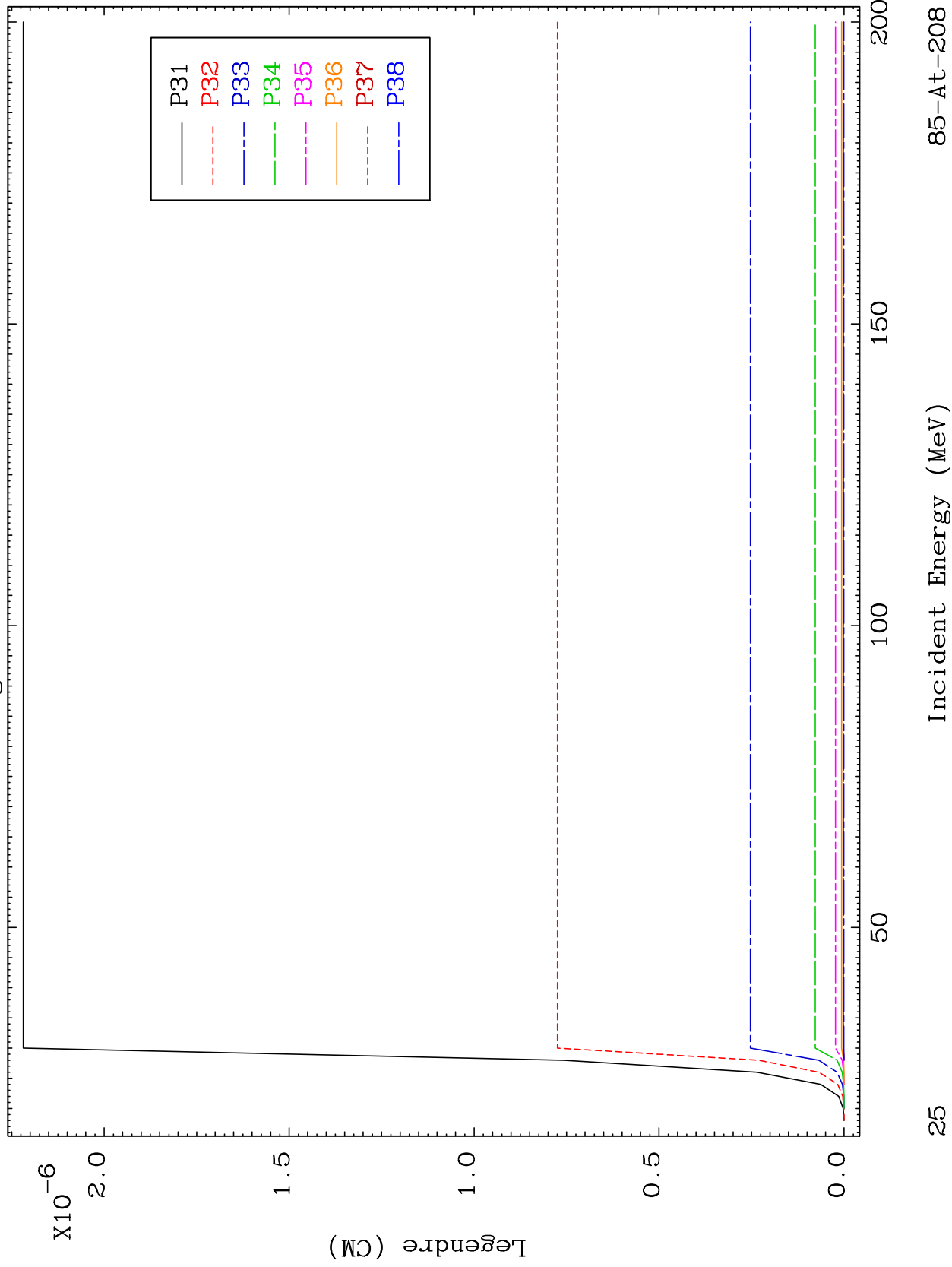
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



85-At-208

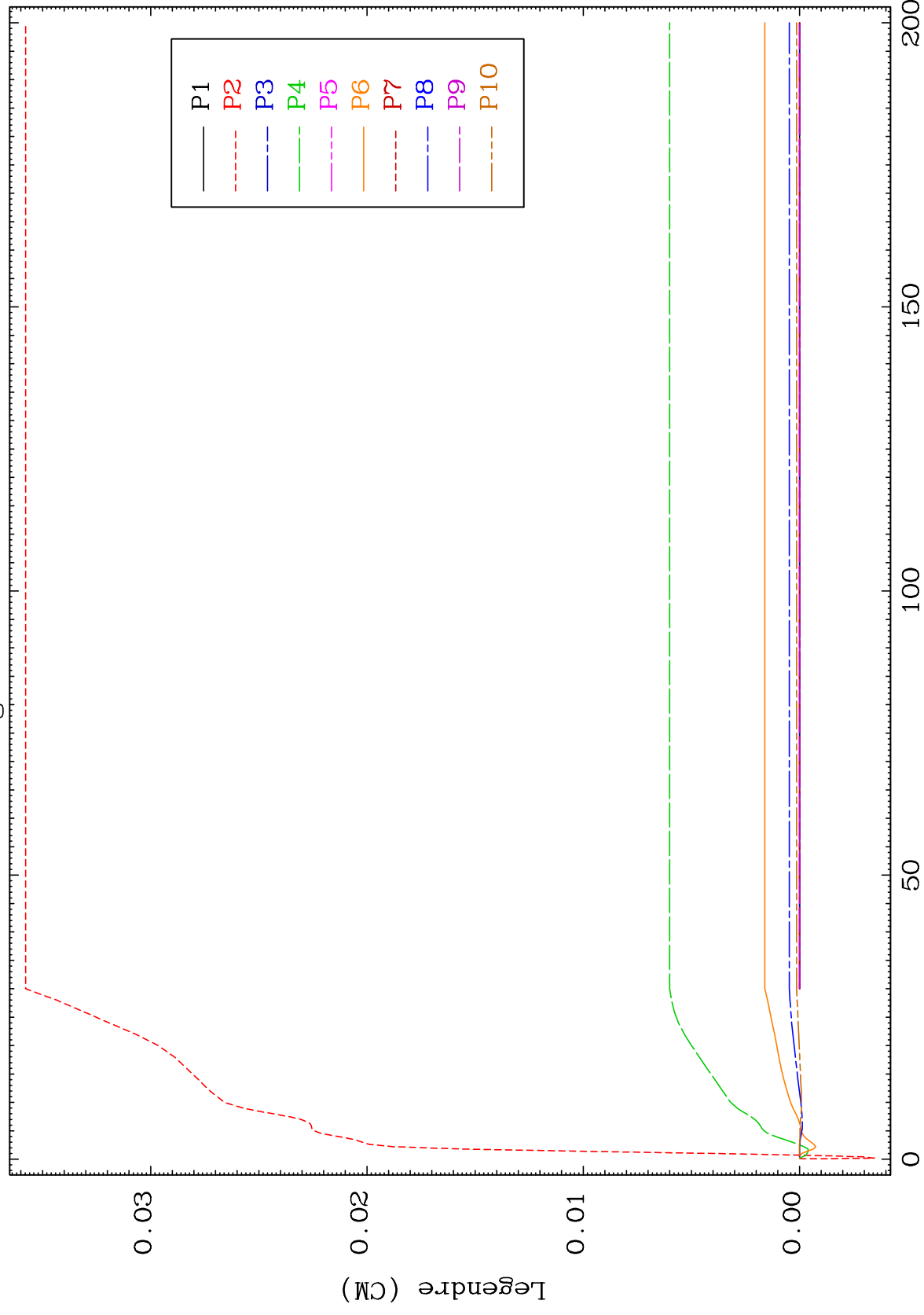
Incident Energy (MeV)

25

MAT 8540

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

85-At-208



26

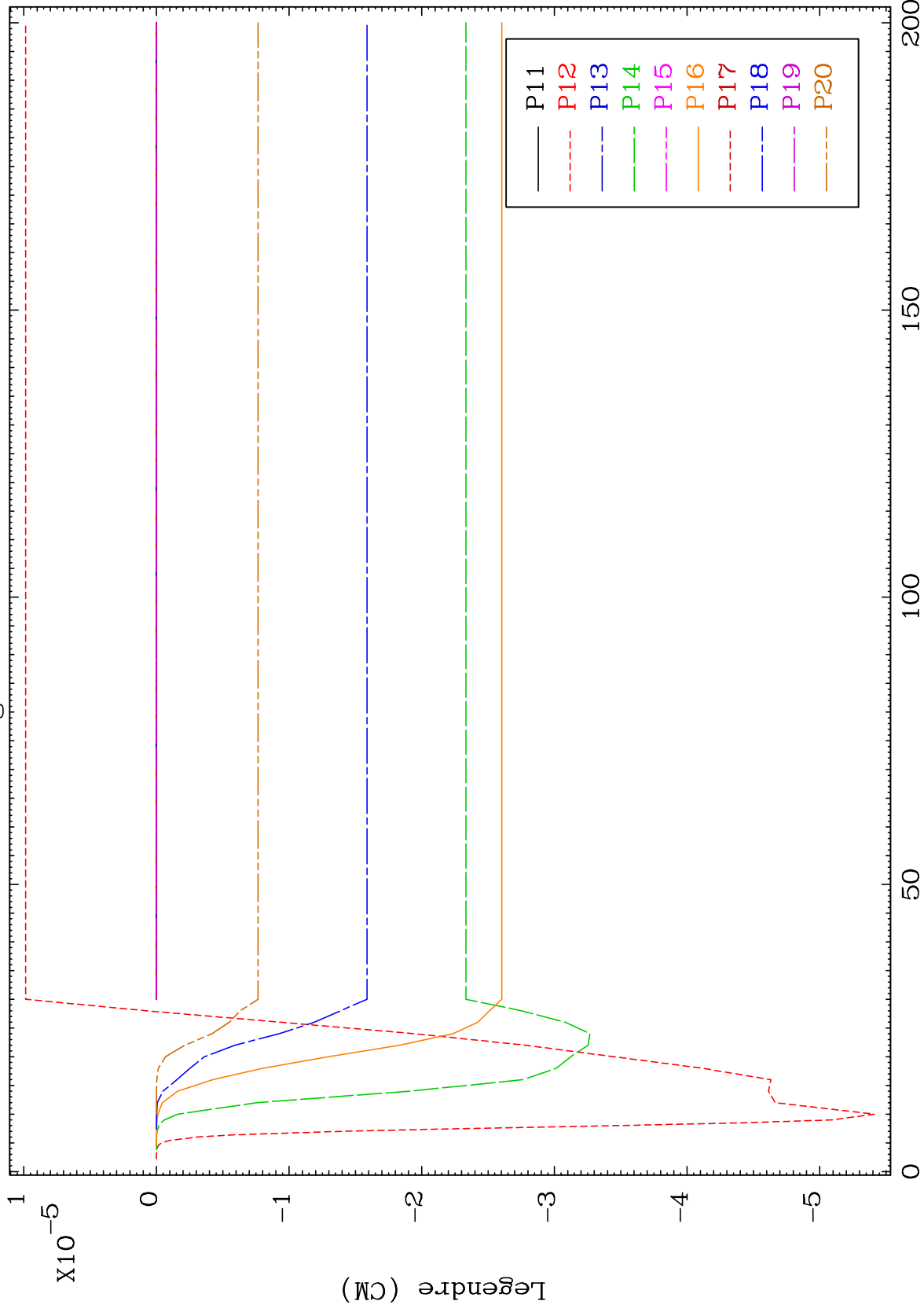
Incident Energy (MeV)

85-At-208

MAT 8540

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

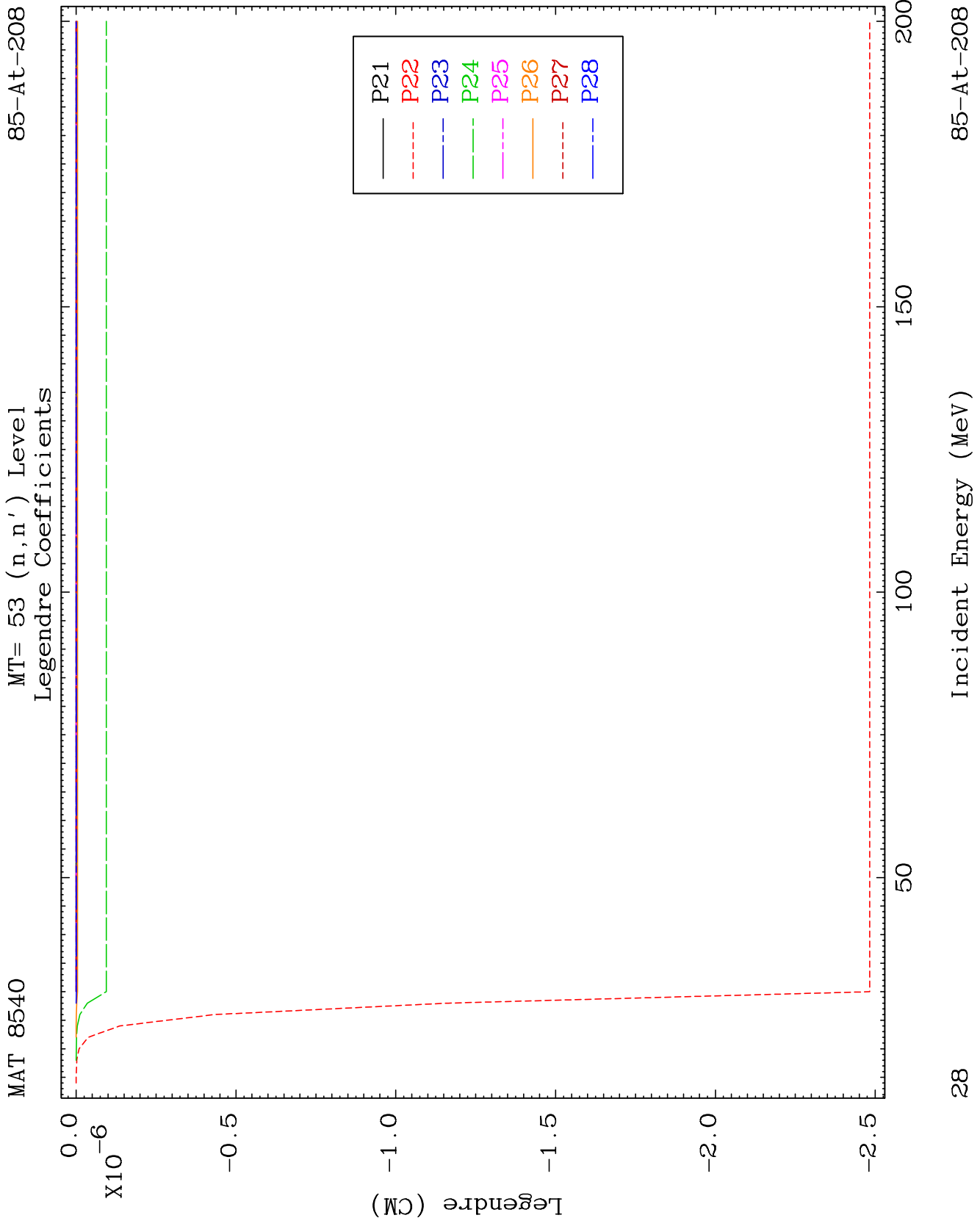
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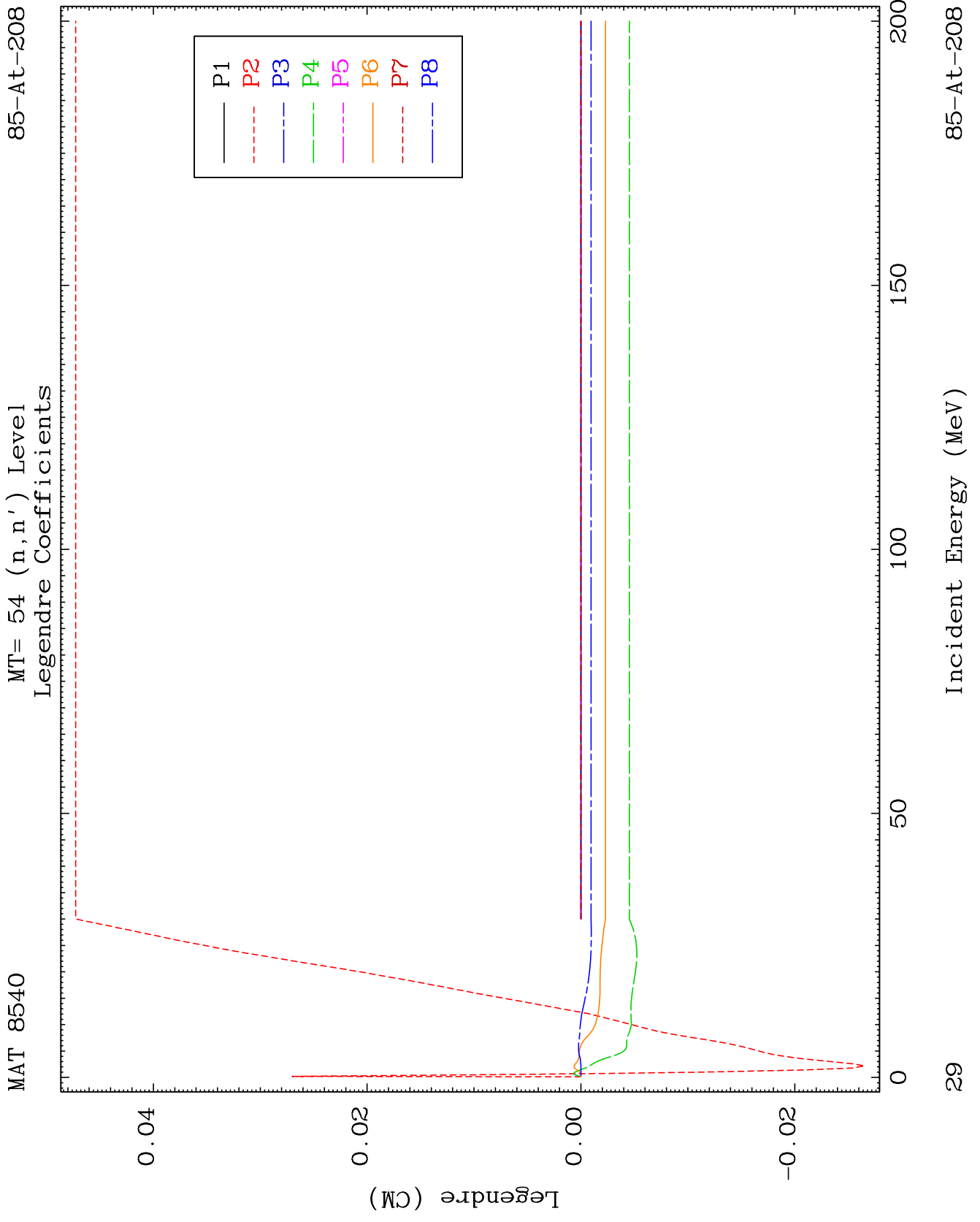


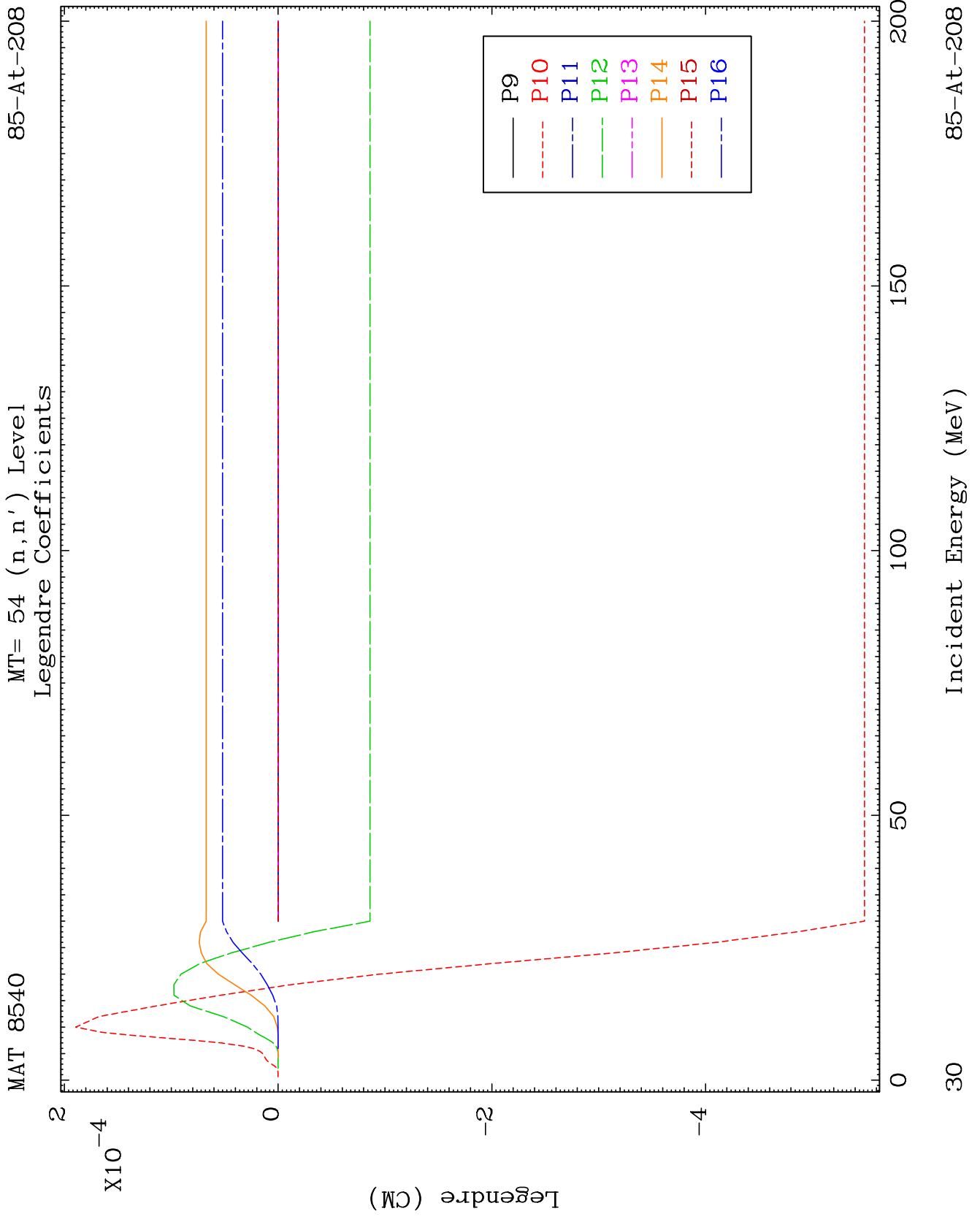
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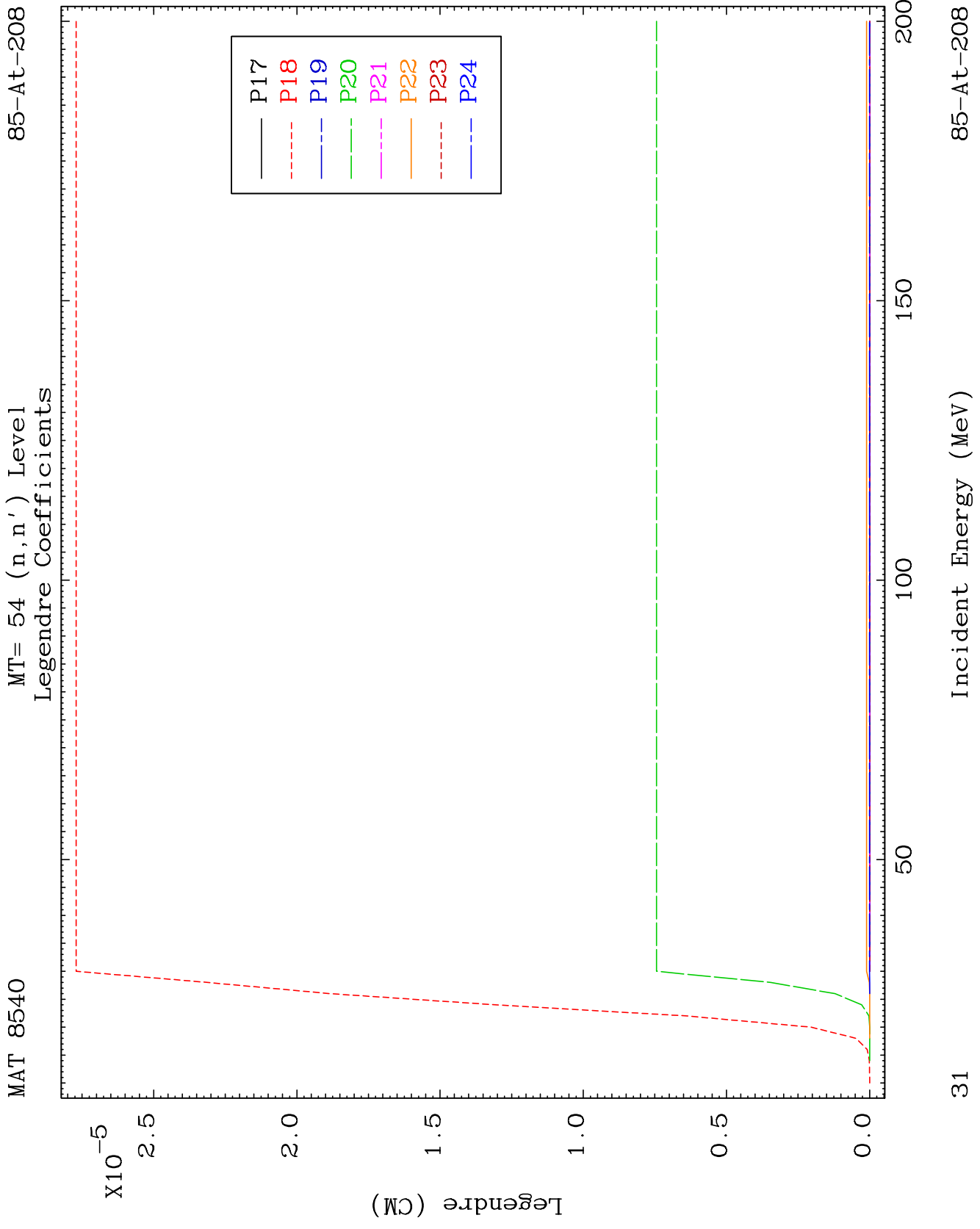
Incident Energy (MeV)

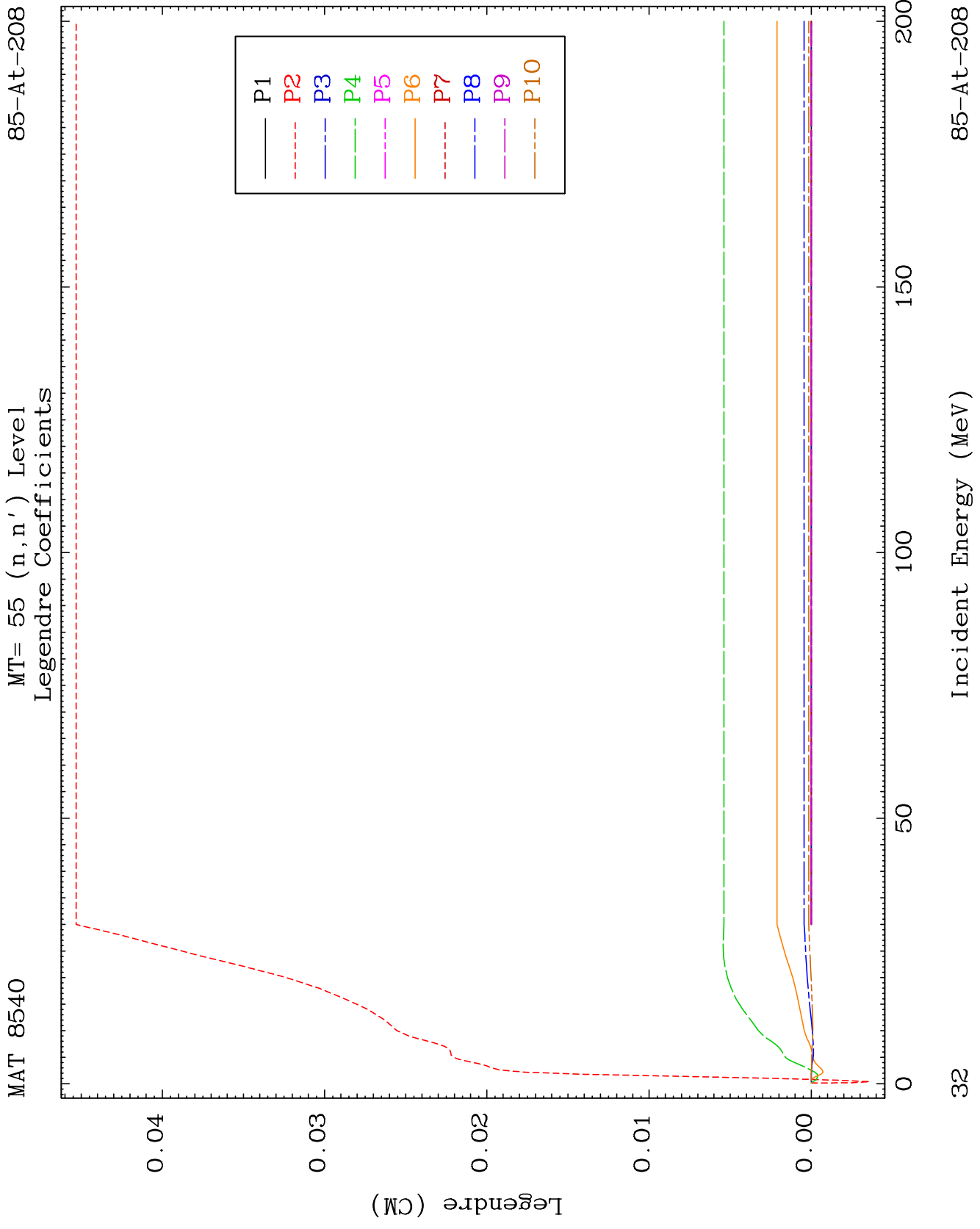
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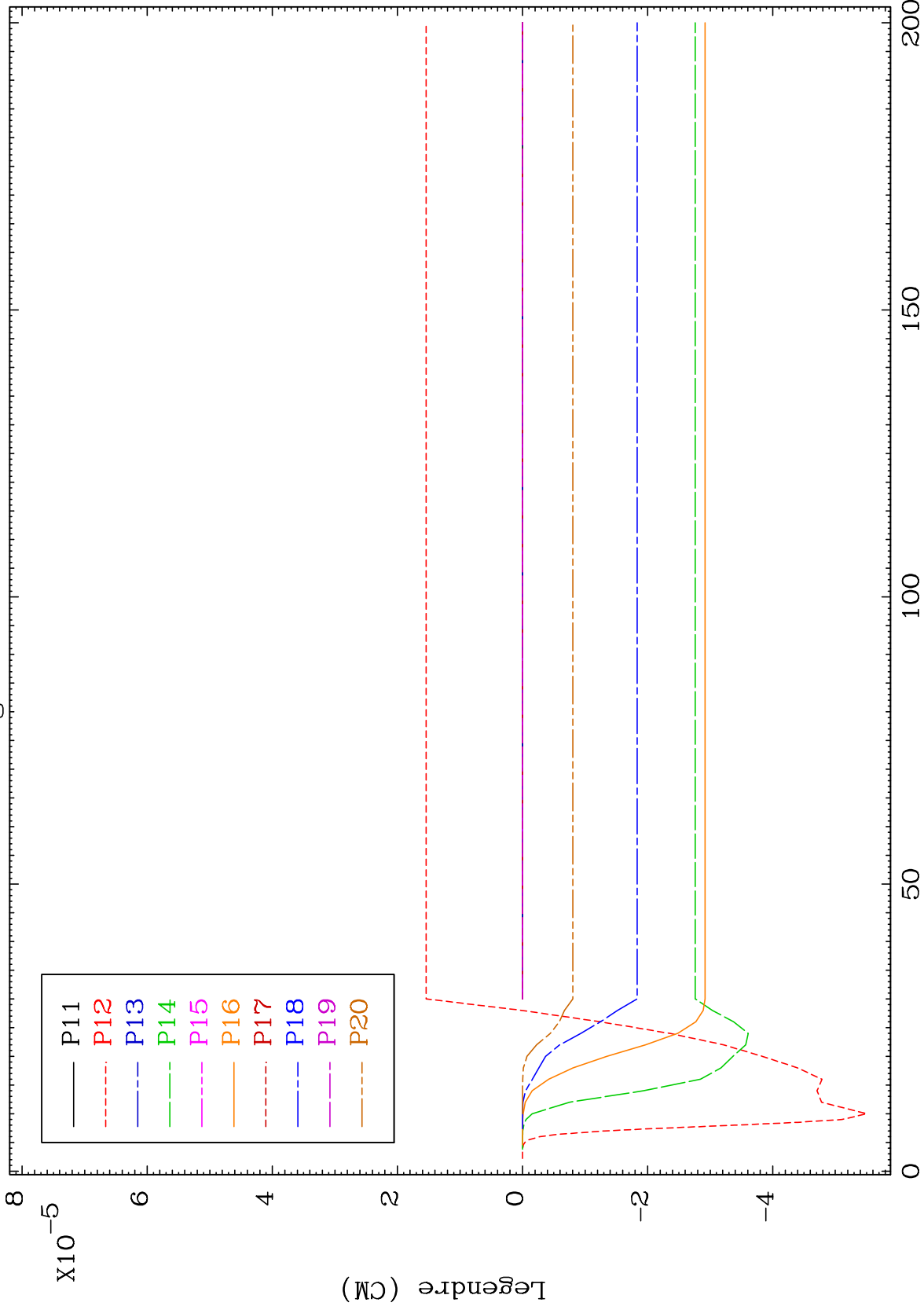


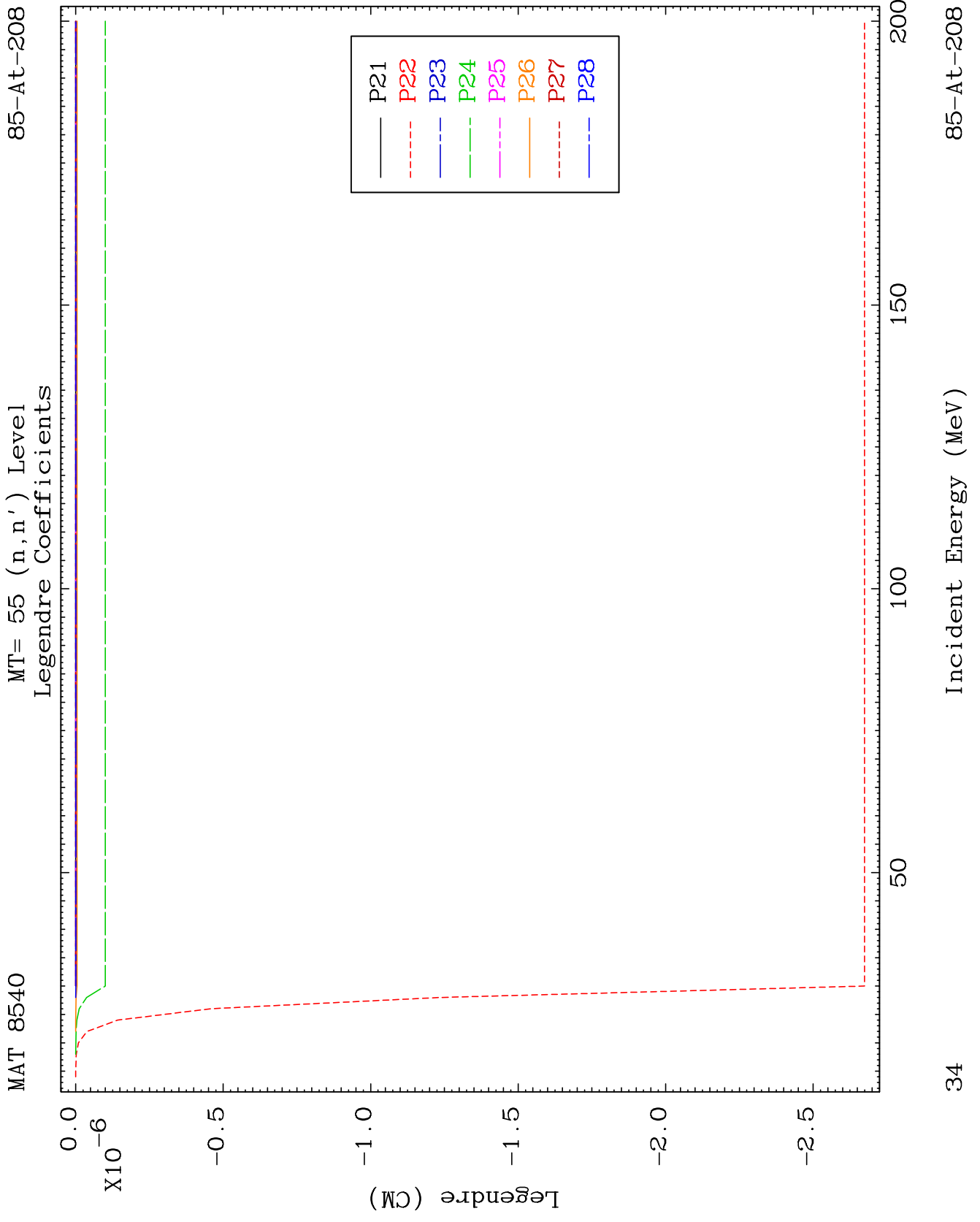








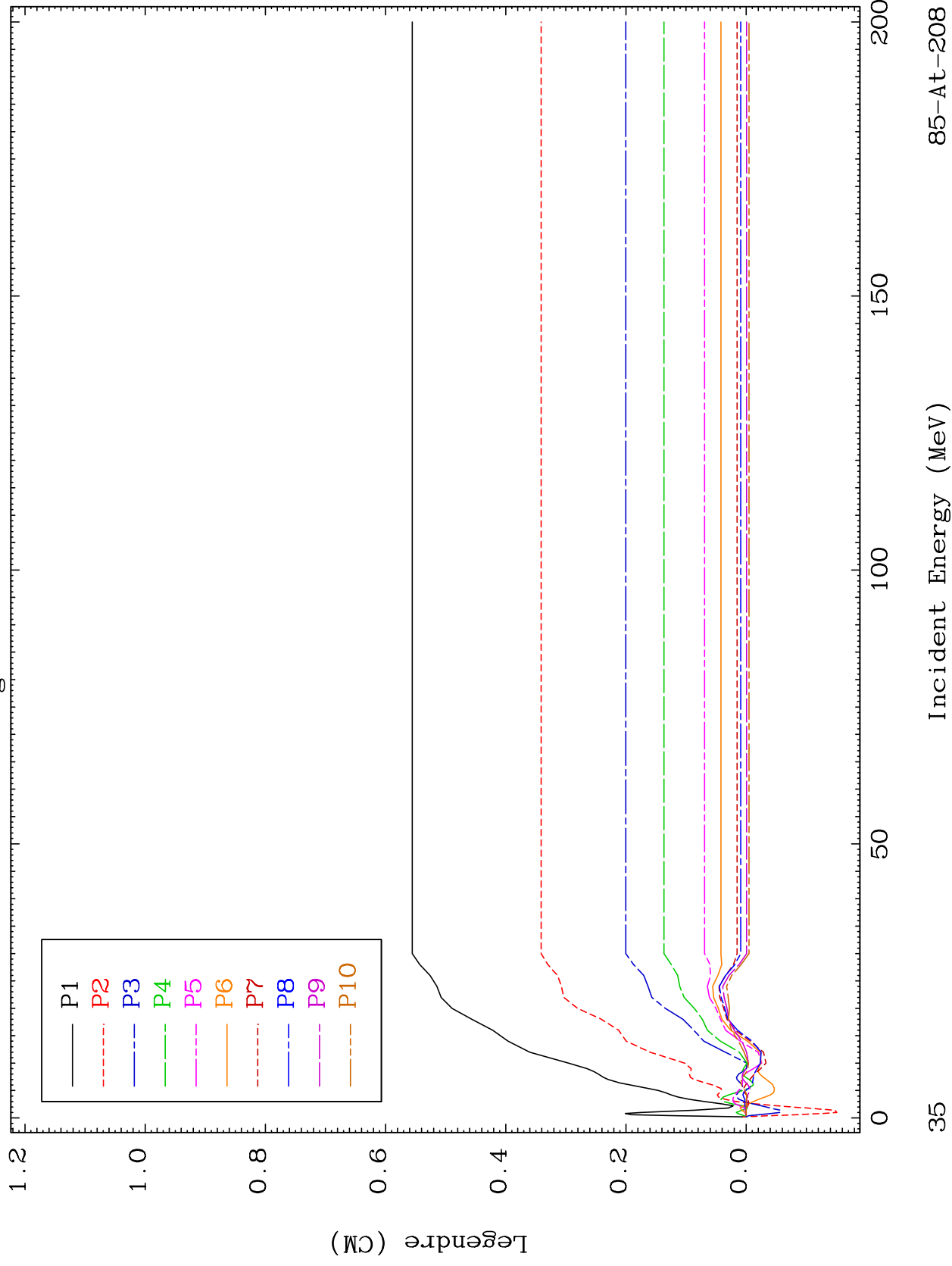




MAT 8540

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

85-At-208



85-At-208

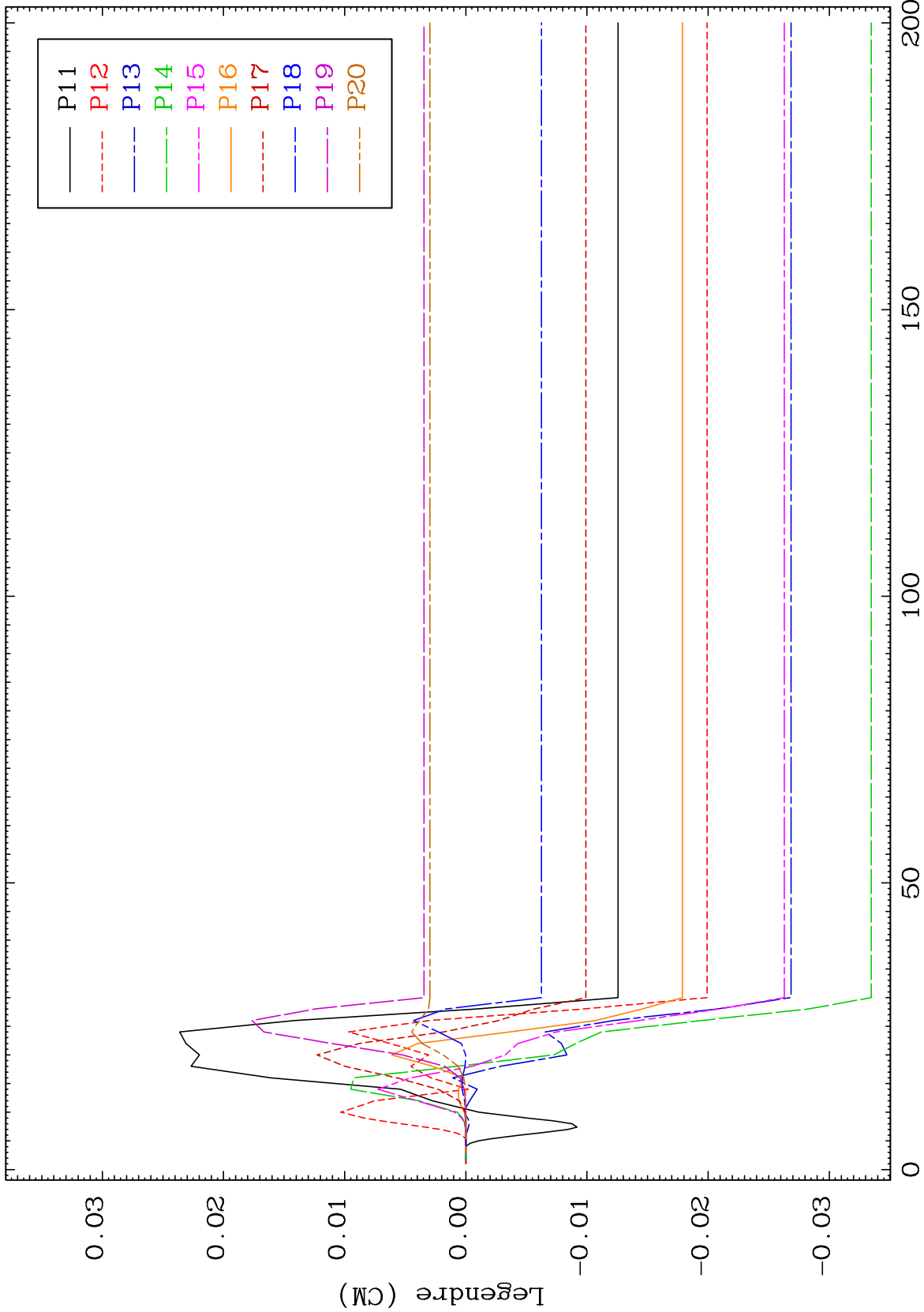
Incident Energy (MeV)

35

MAT 8540

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

85-At-208



36

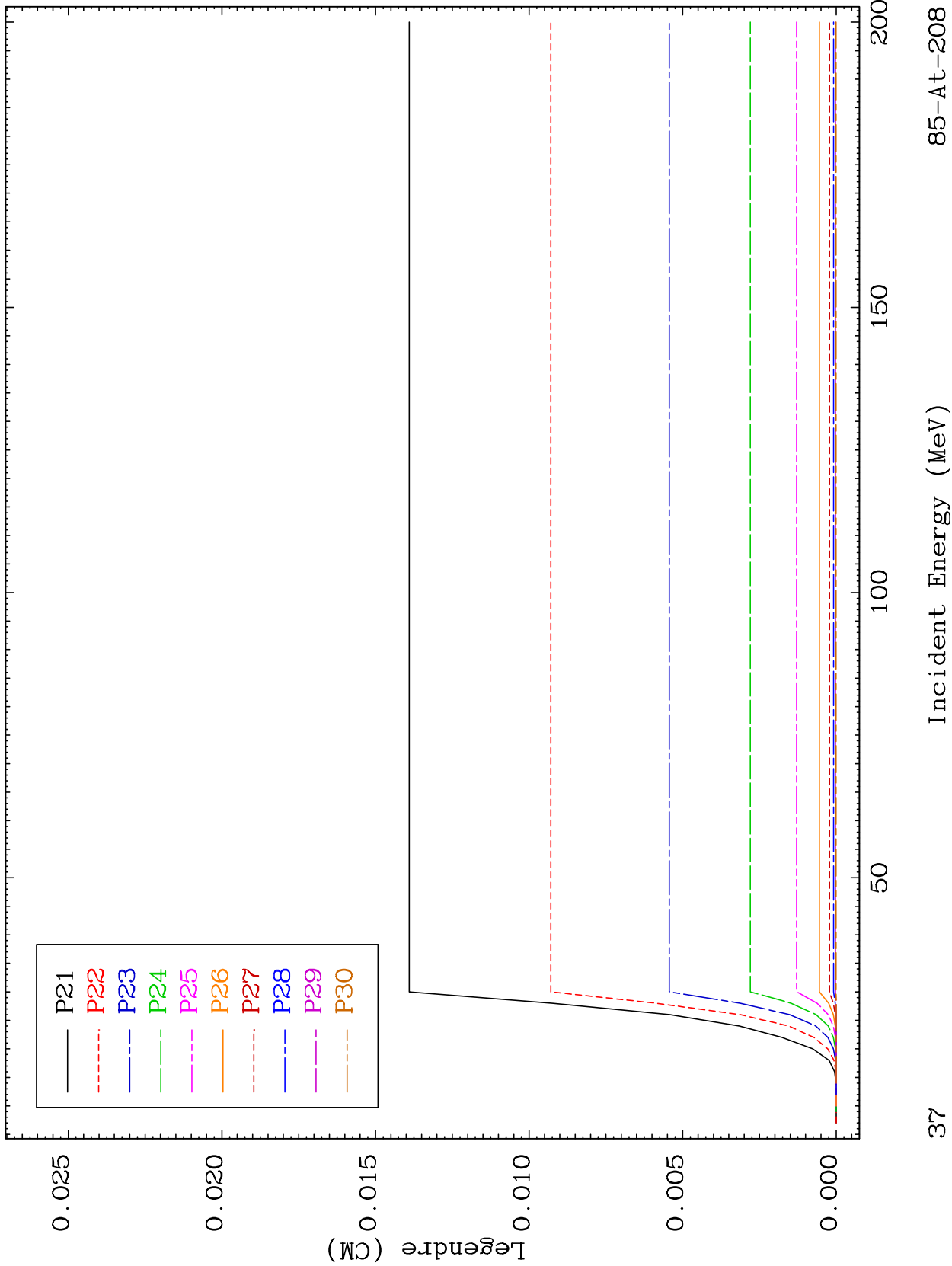
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



37

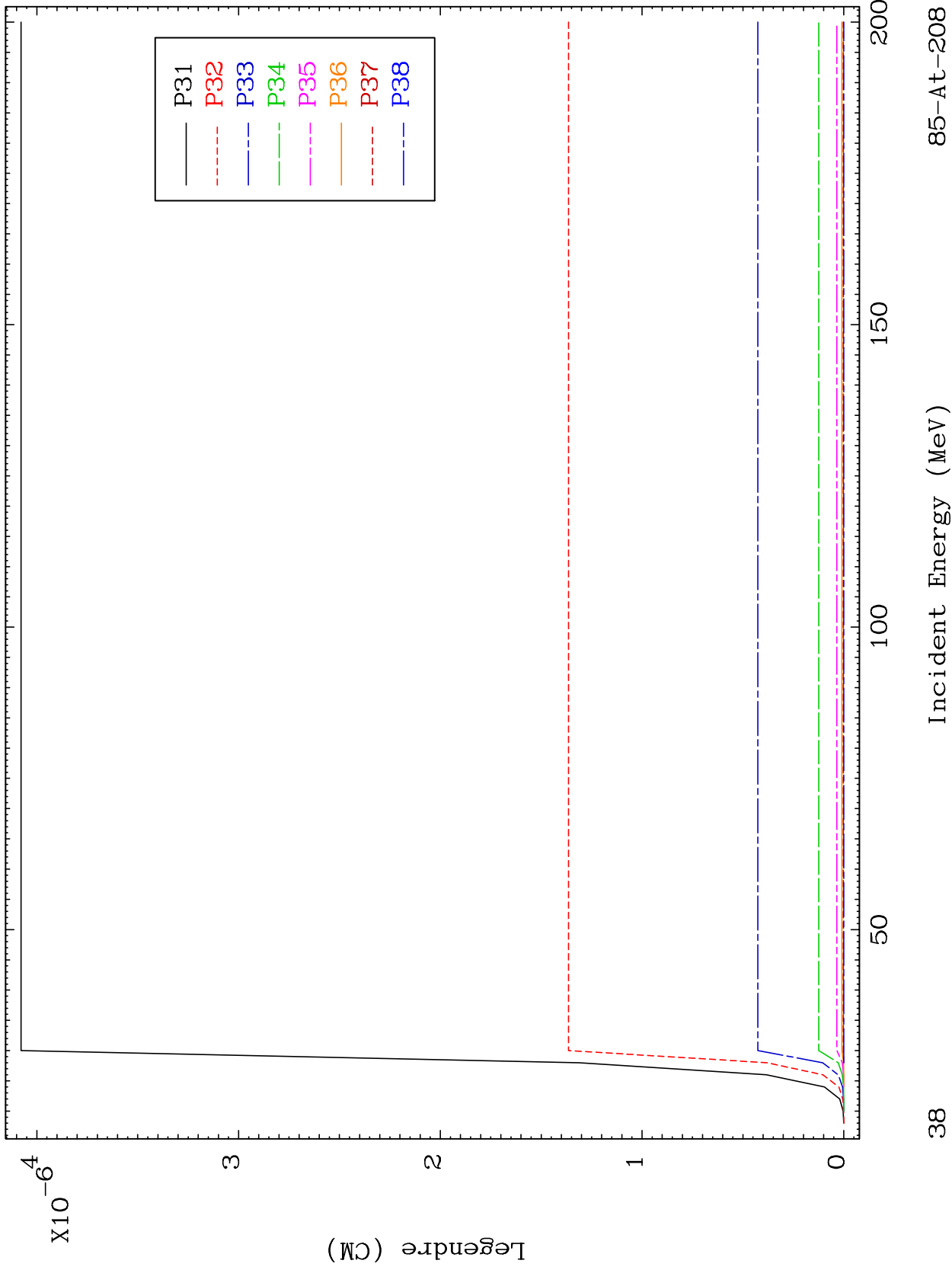
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



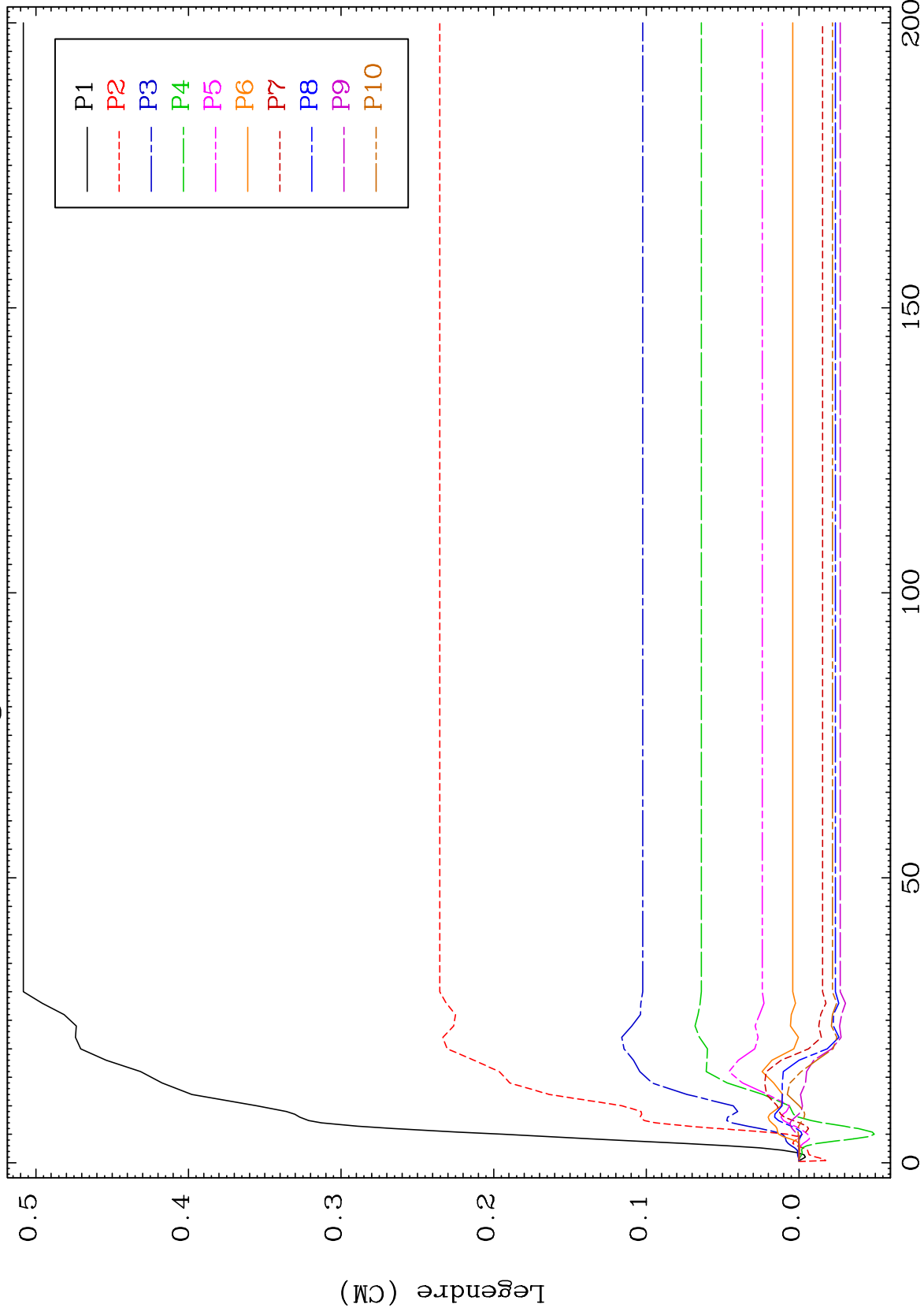
38

85-At-208

MAT 8540

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

85-At-208



39

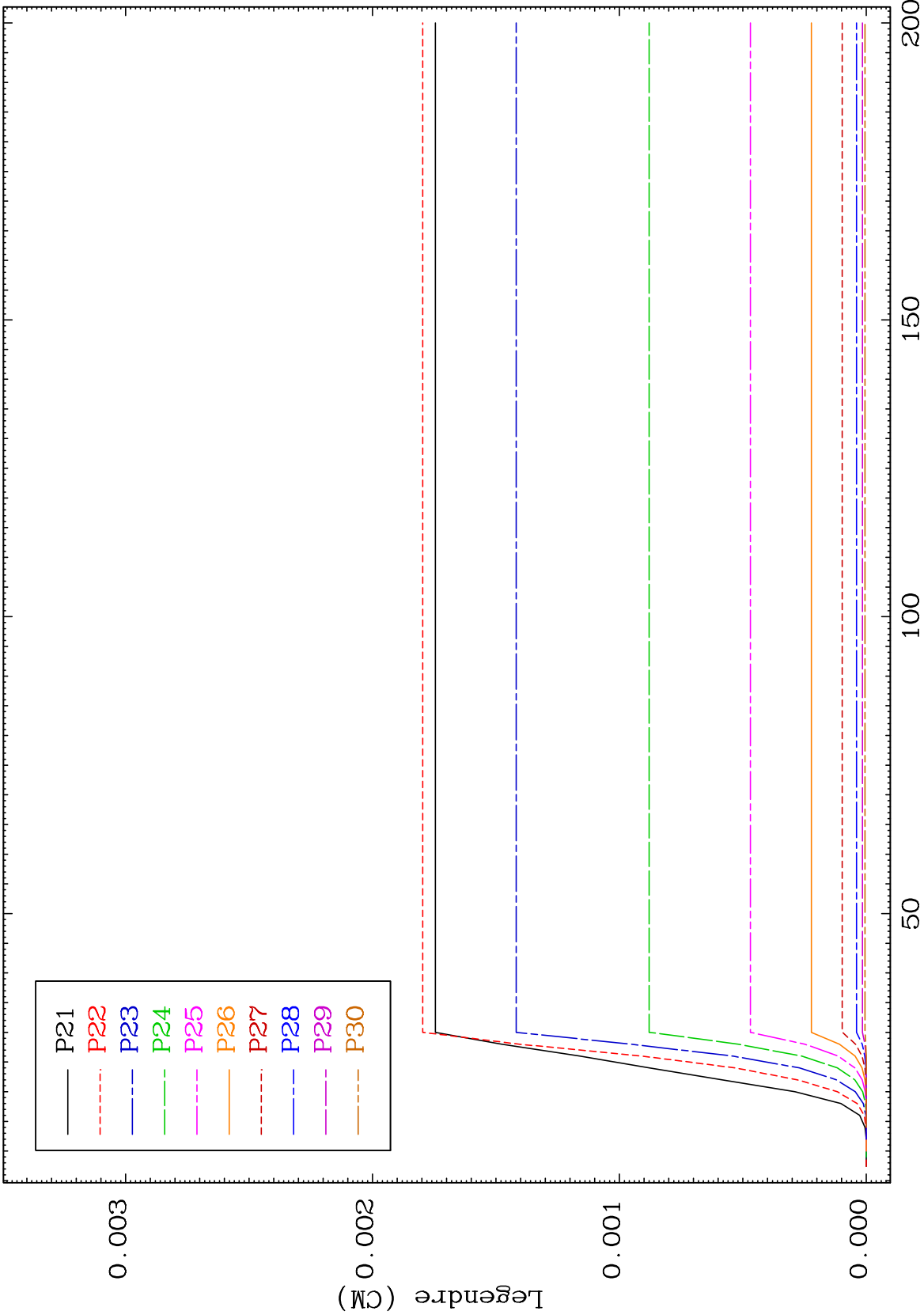
Incident Energy (MeV)

85-At-208

MAT 8540

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

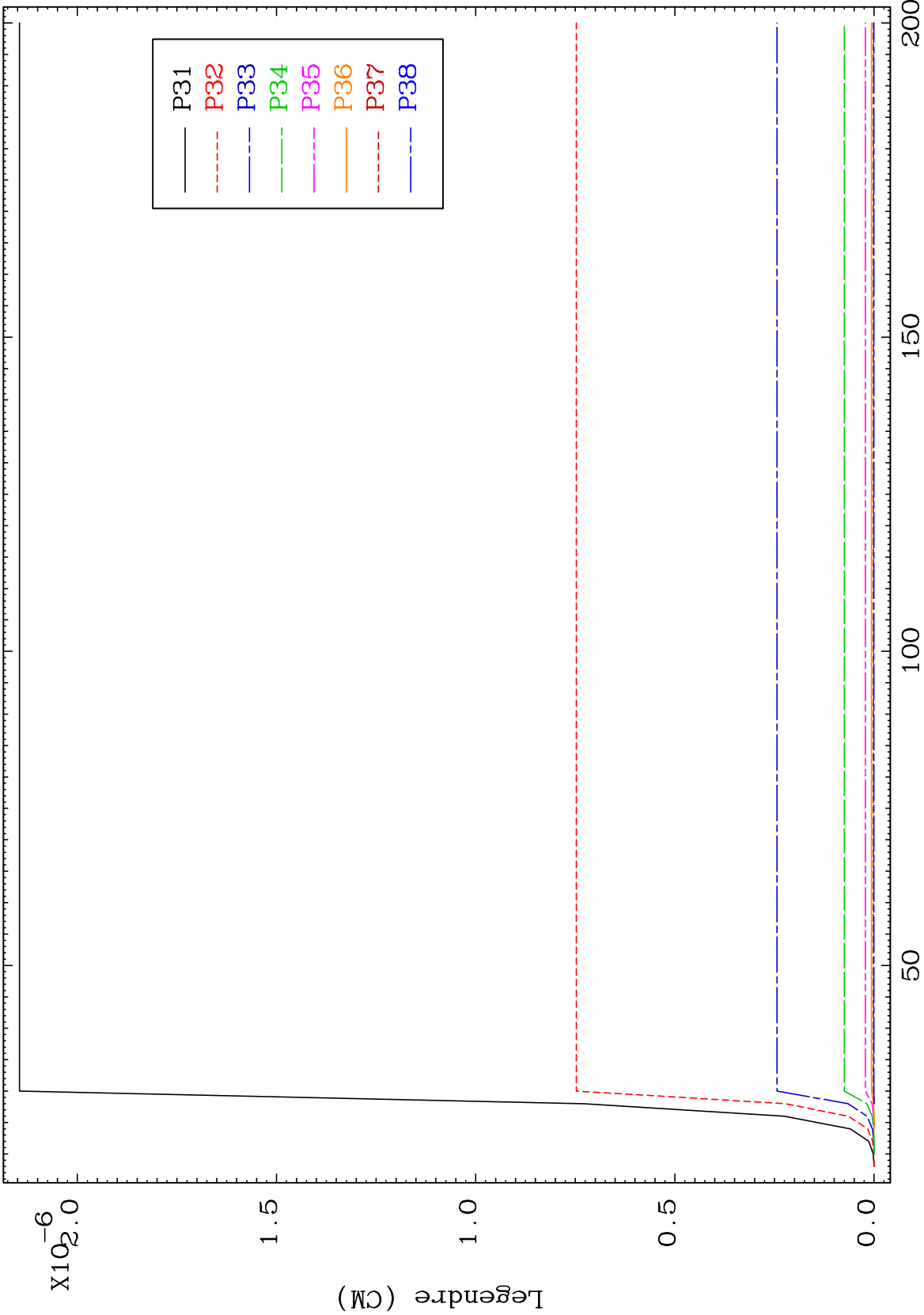
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MAT 8540

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

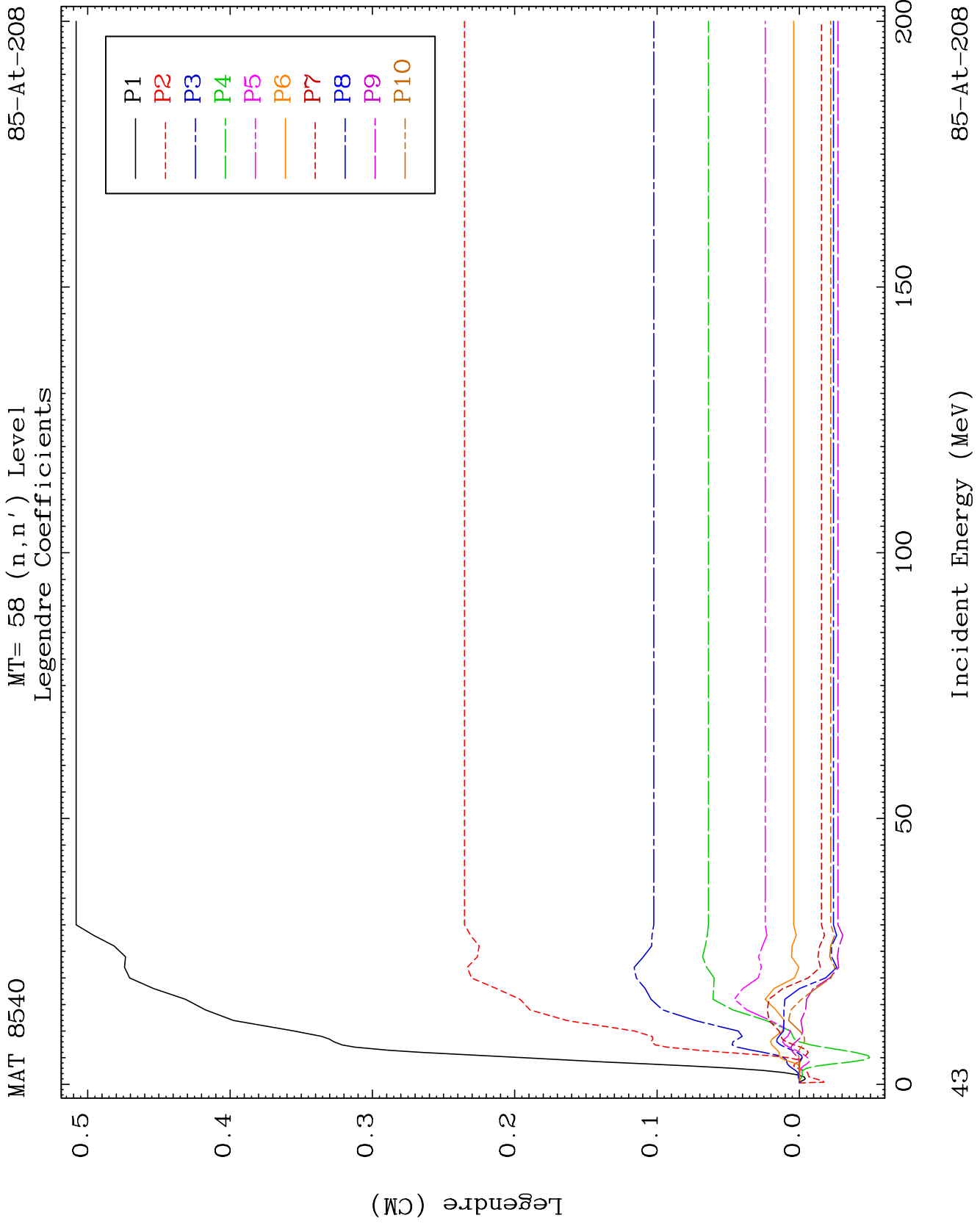
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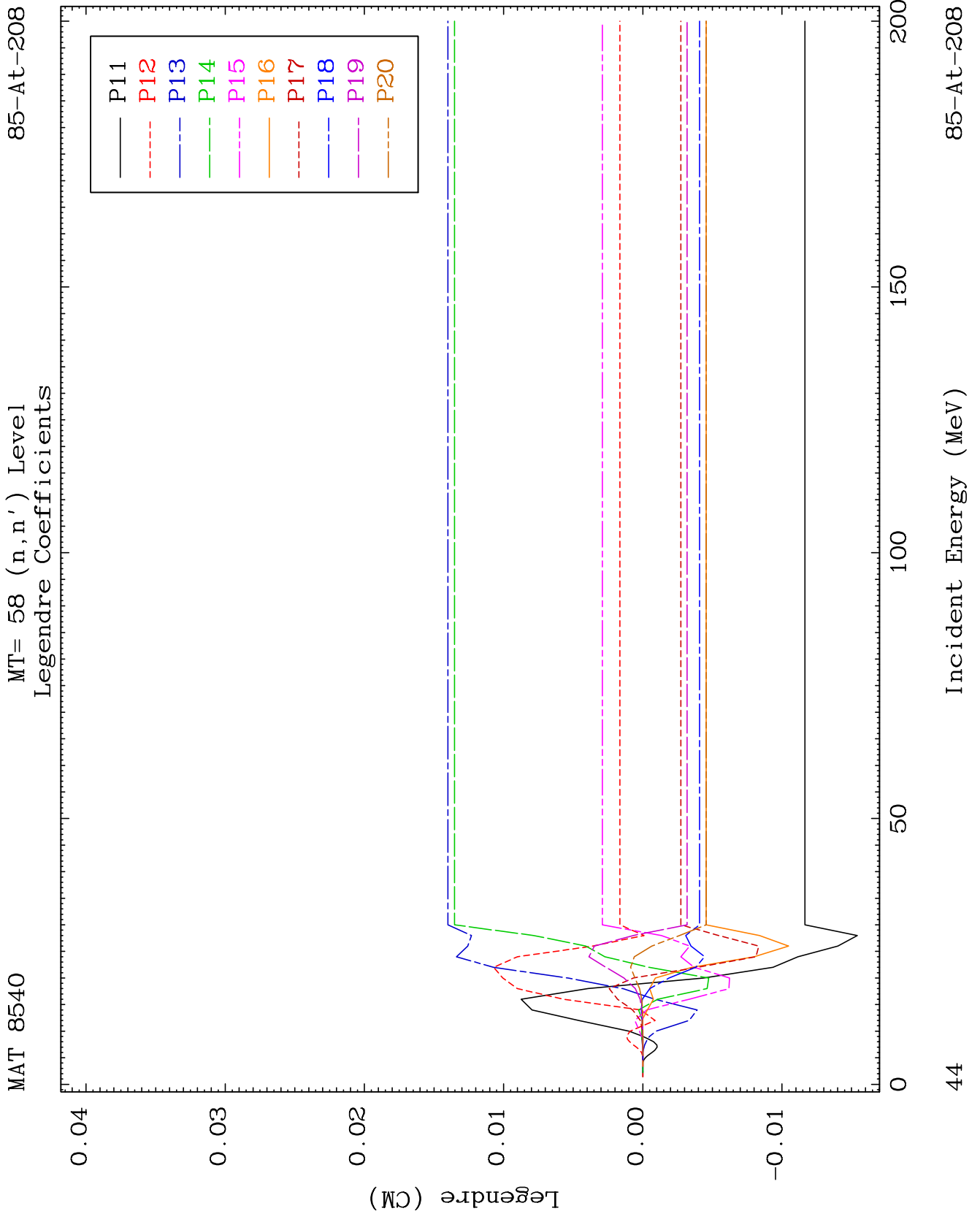


42

Incident Energy (MeV)

85-At-208

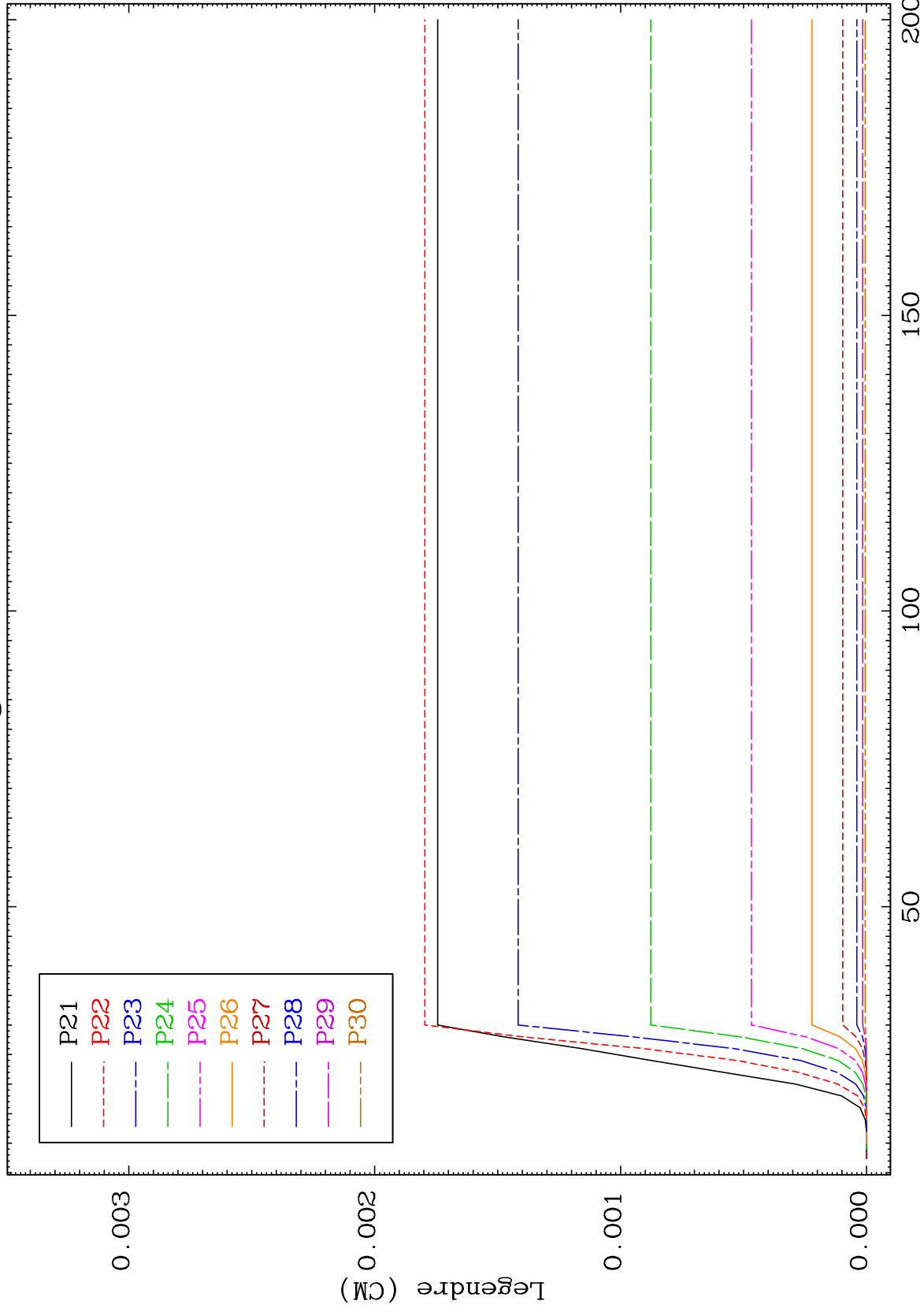




MAT 8540

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

85-At-208



45

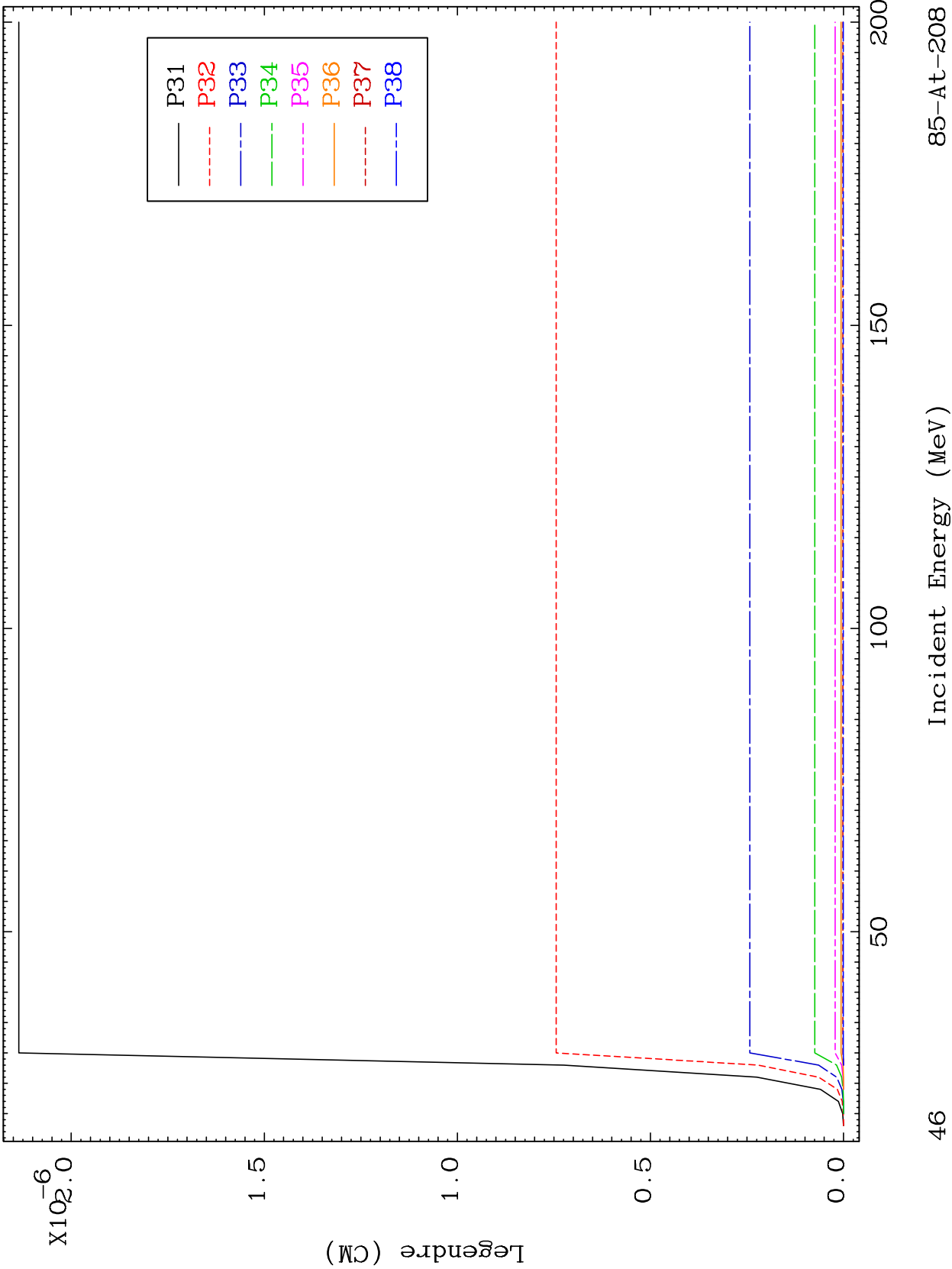
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



46

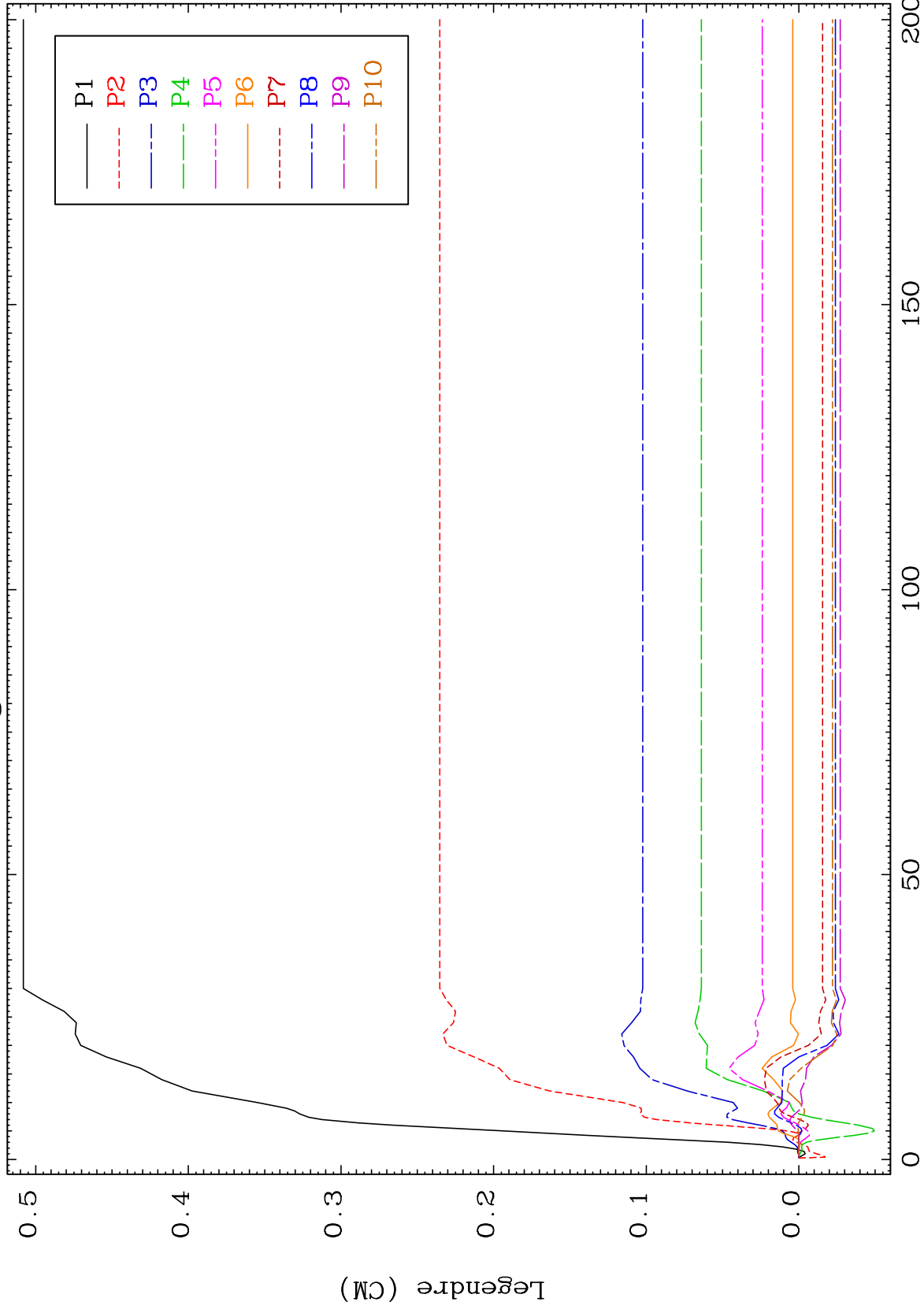
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



47

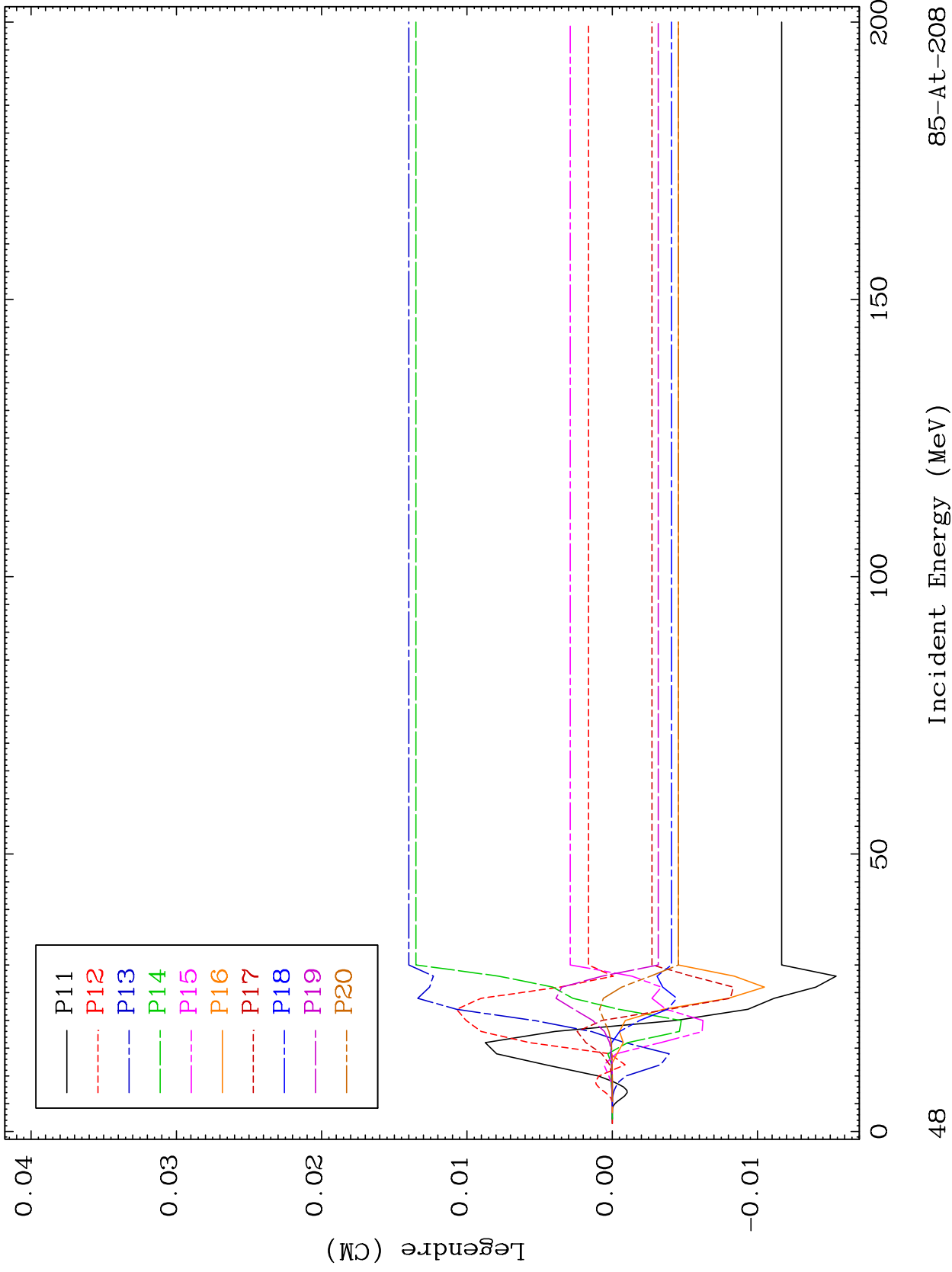
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85-At-208

MAT 8540

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

85-At-208



85-At-208

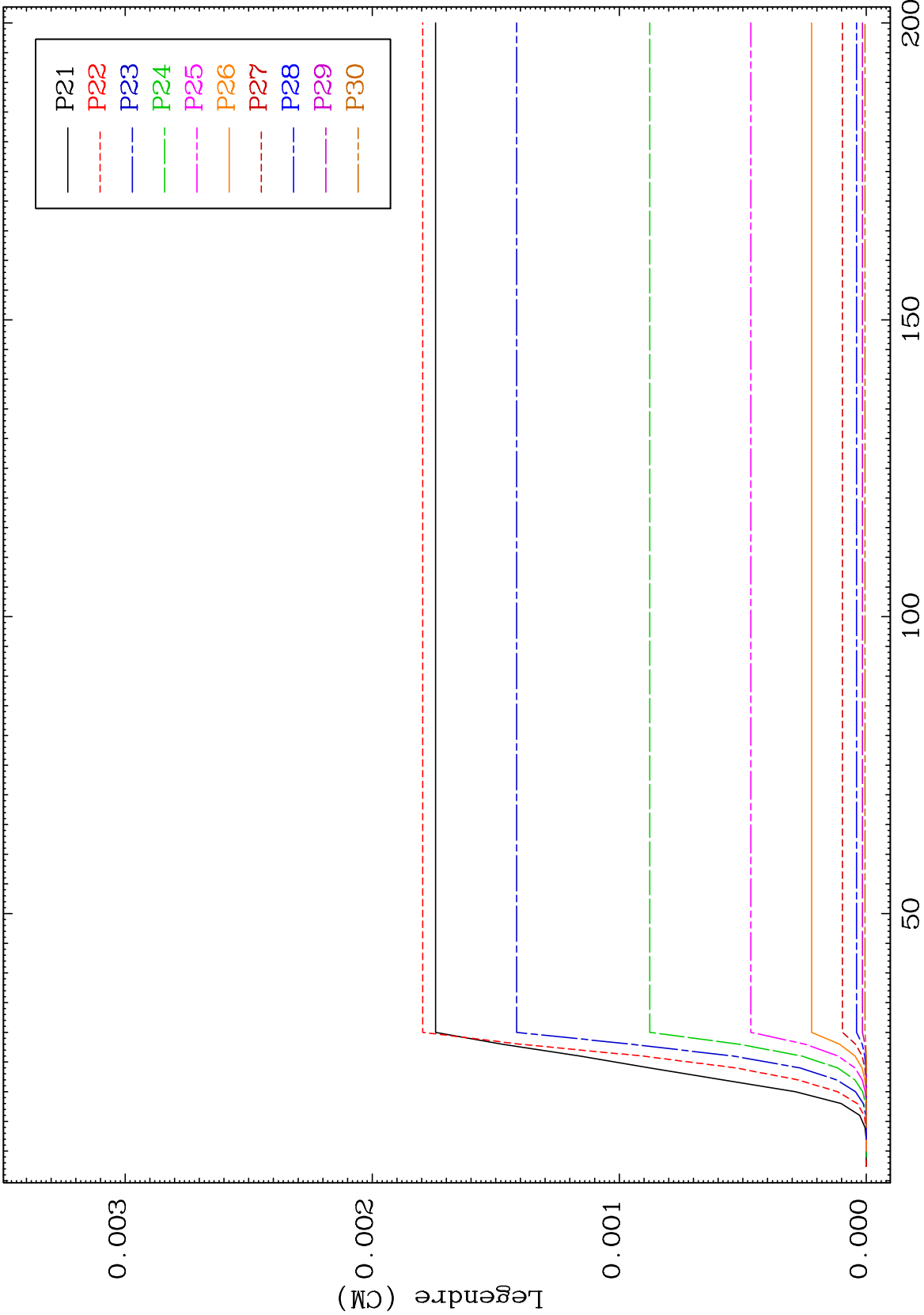
Incident Energy (MeV)

48

MAT 8540

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

85-At-208



49

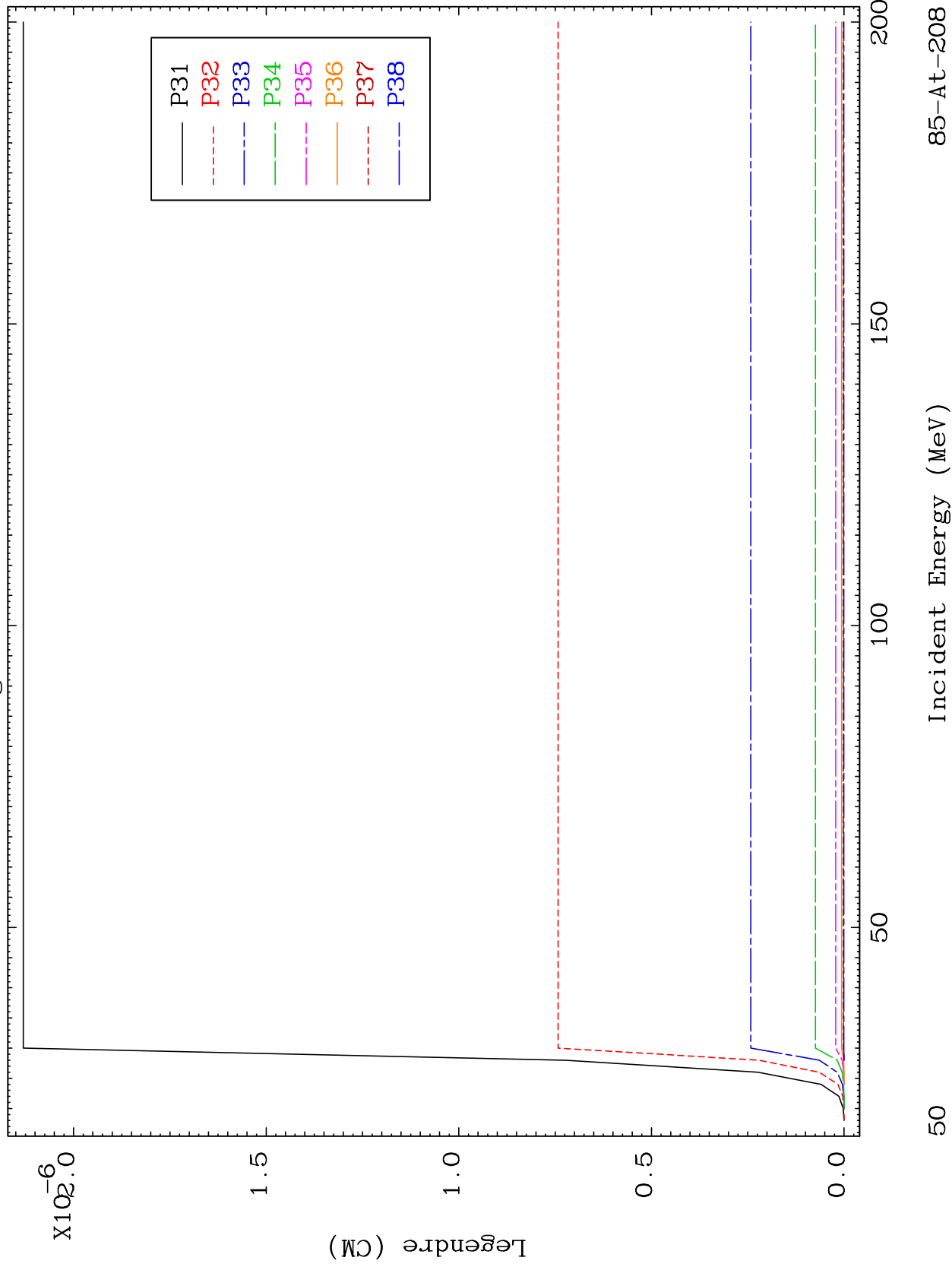
Incident Energy (MeV)

85-At-208

MAT 8540

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

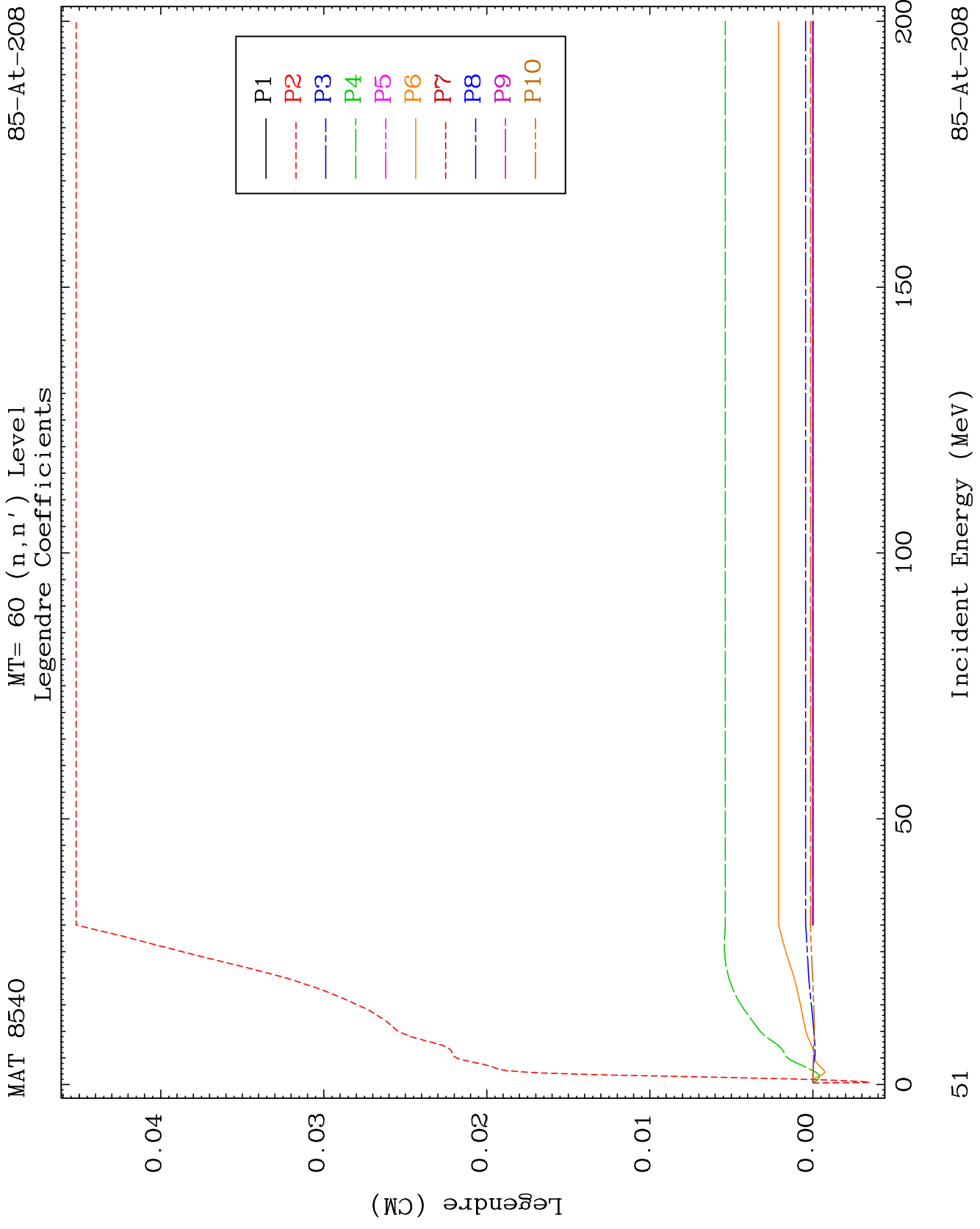
85-At-208



85-At-208

Incident Energy (MeV)

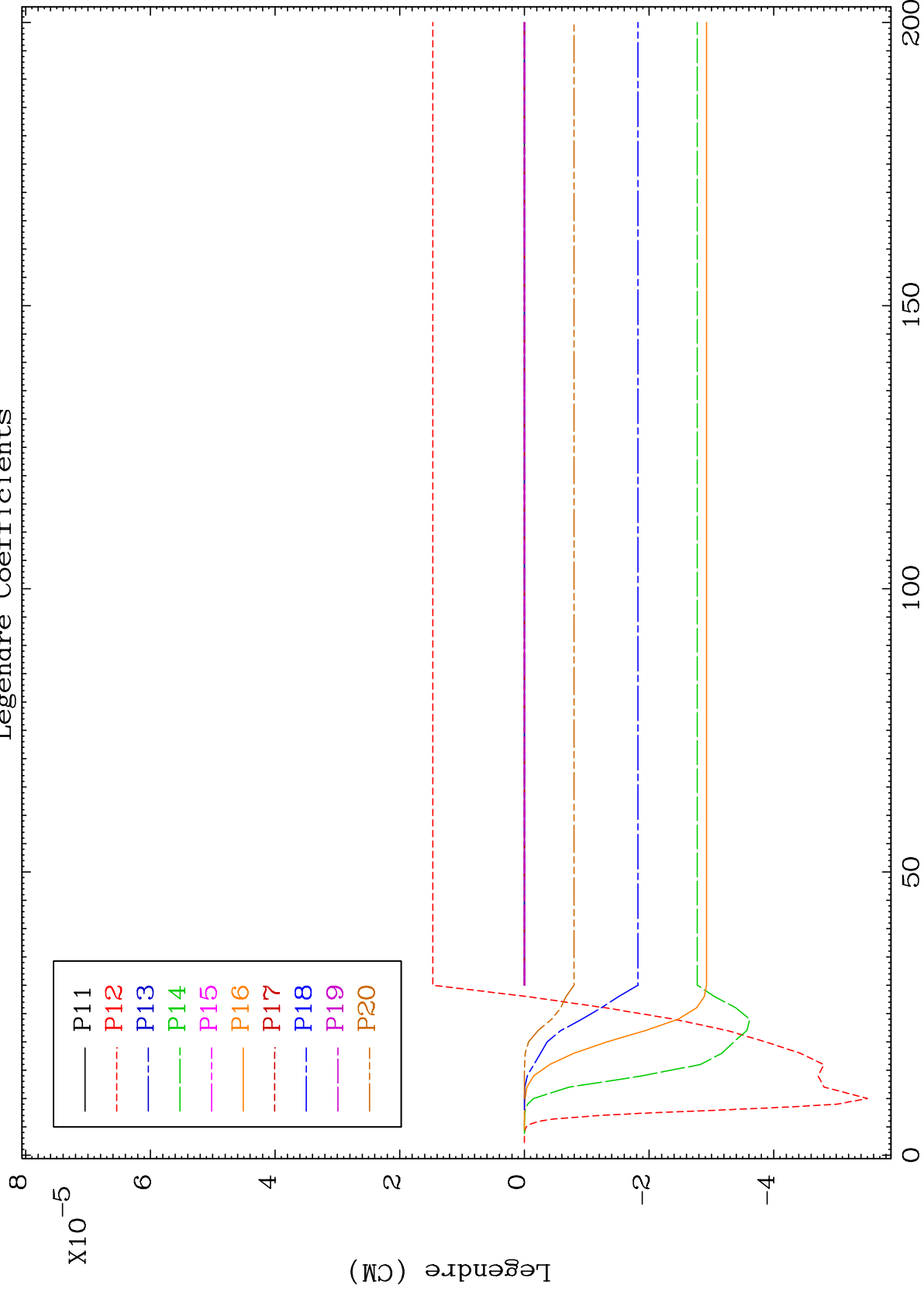
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MAT 8540

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

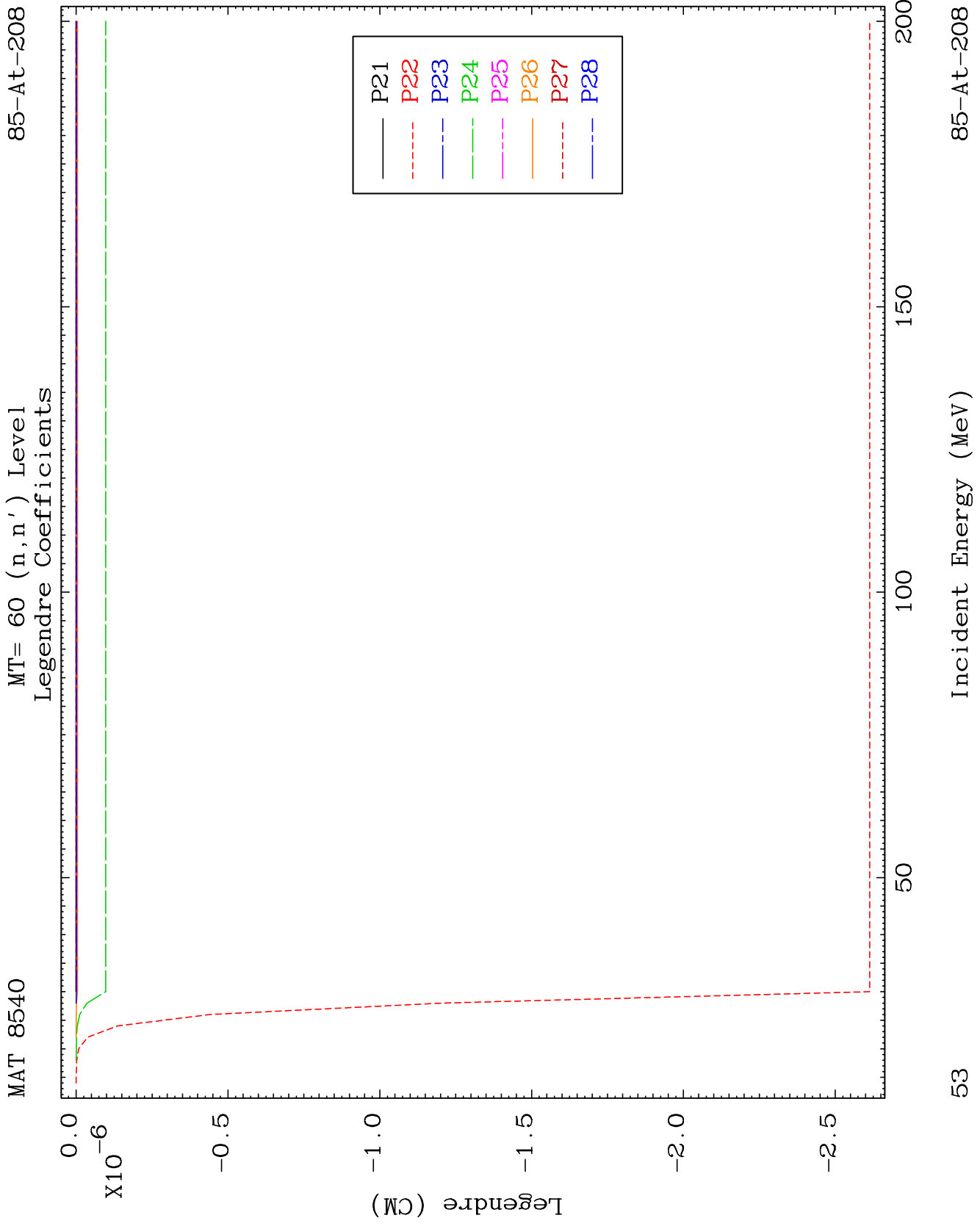
85-At-208



52

Incident Energy (MeV)

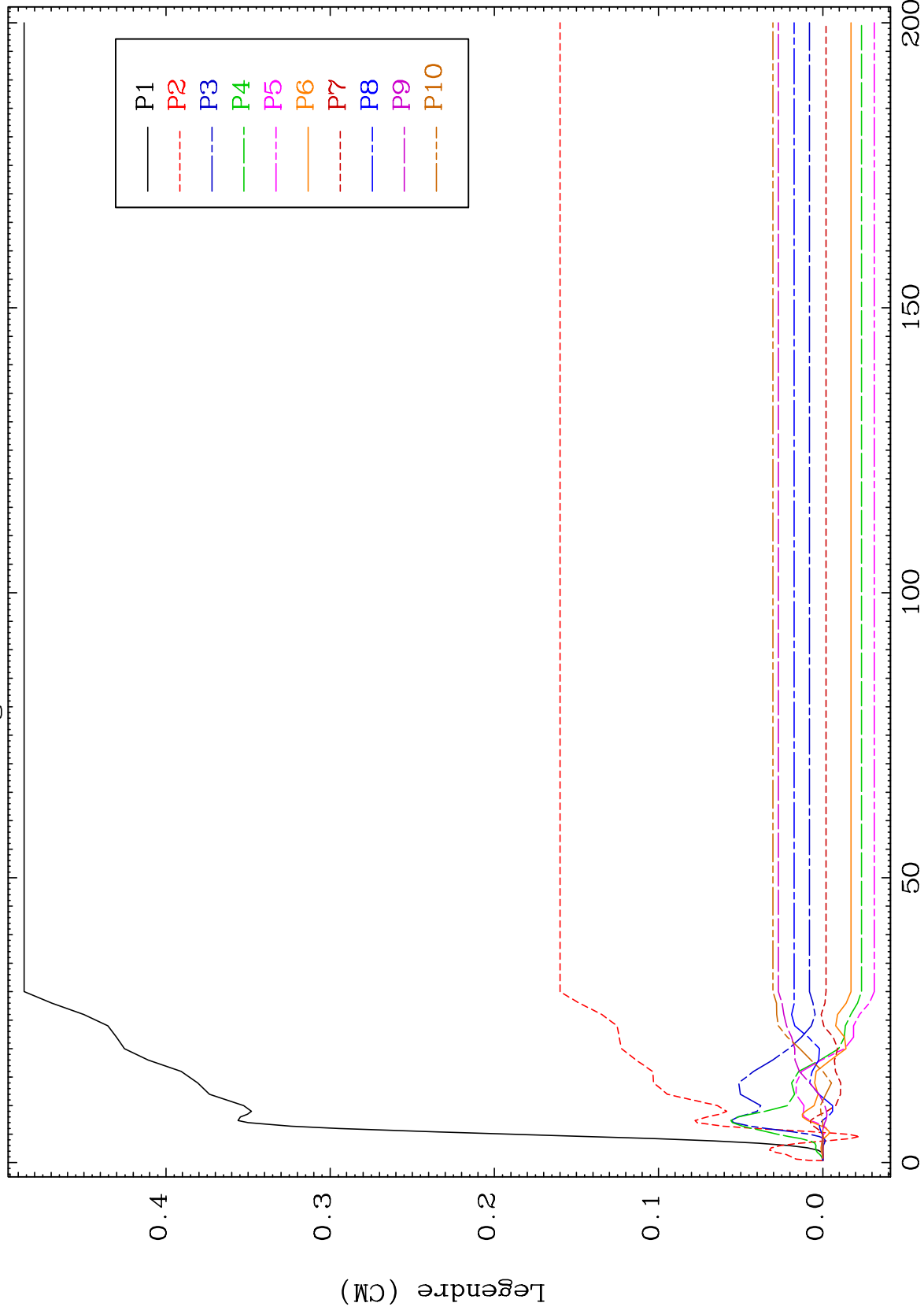
85-At-208



MAT 8540

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

85-At-208



54

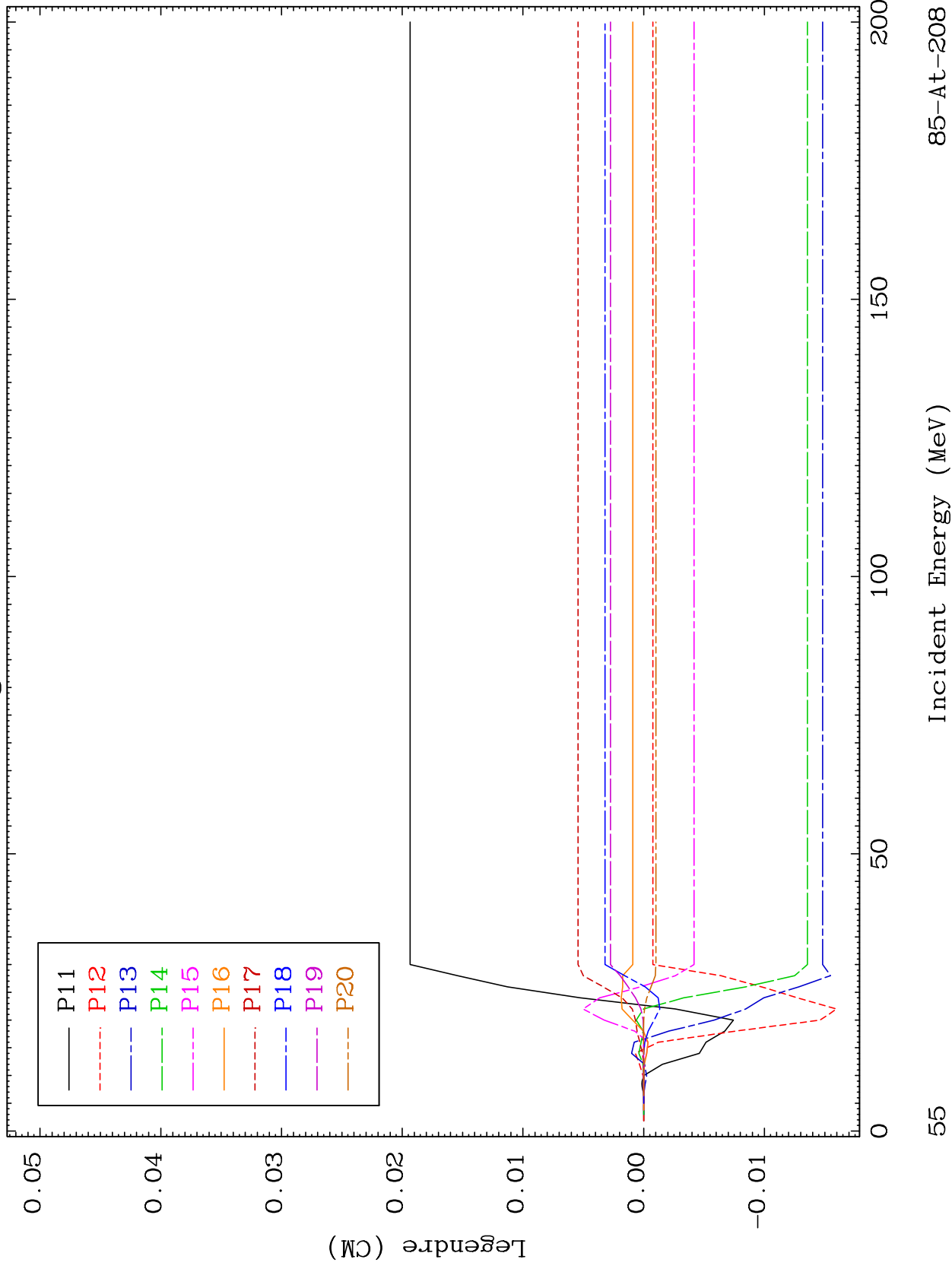
Incident Energy (MeV)

85-At-208

MAT 8540

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

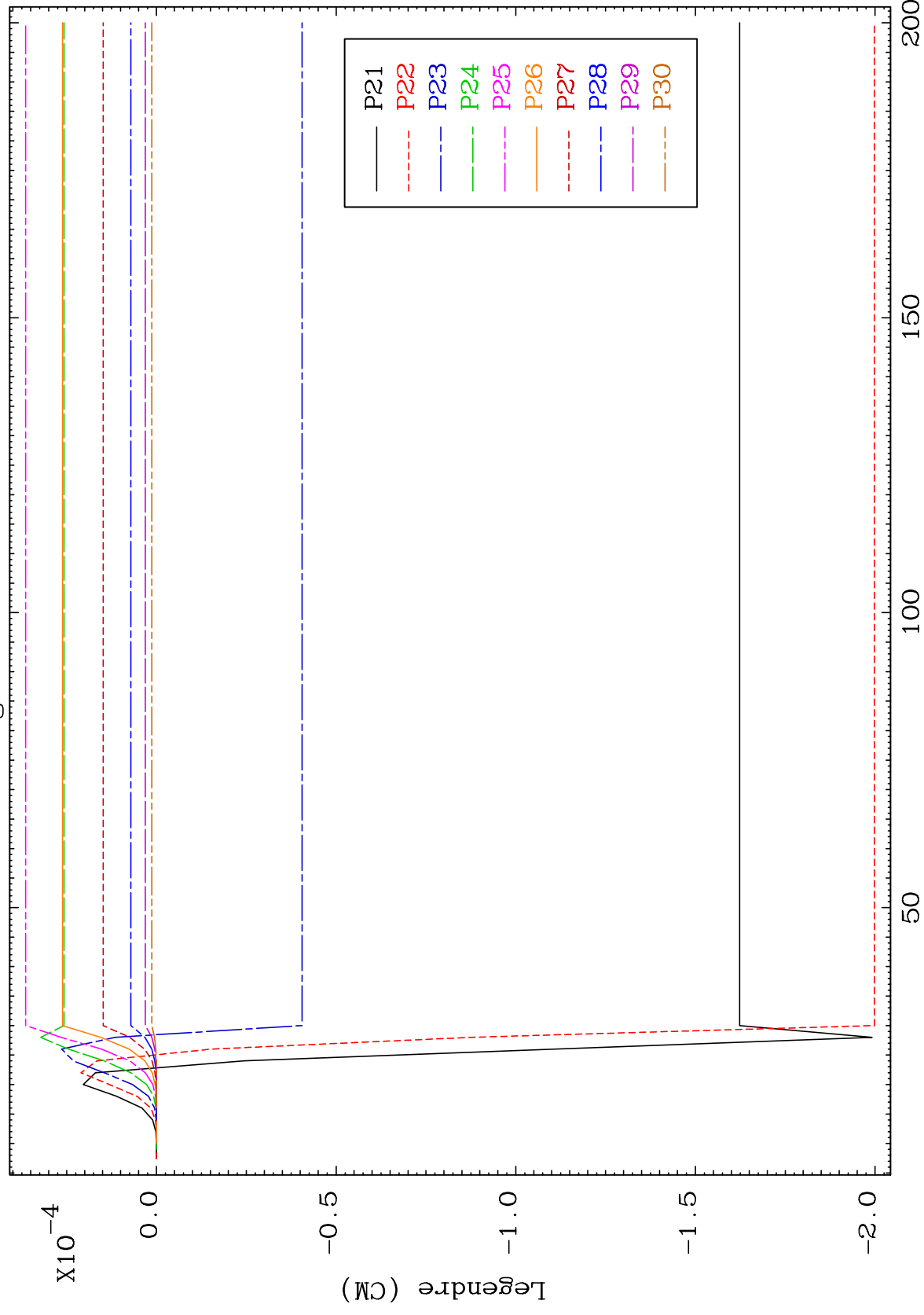
85-At-208



85-At-208

Incident Energy (MeV)

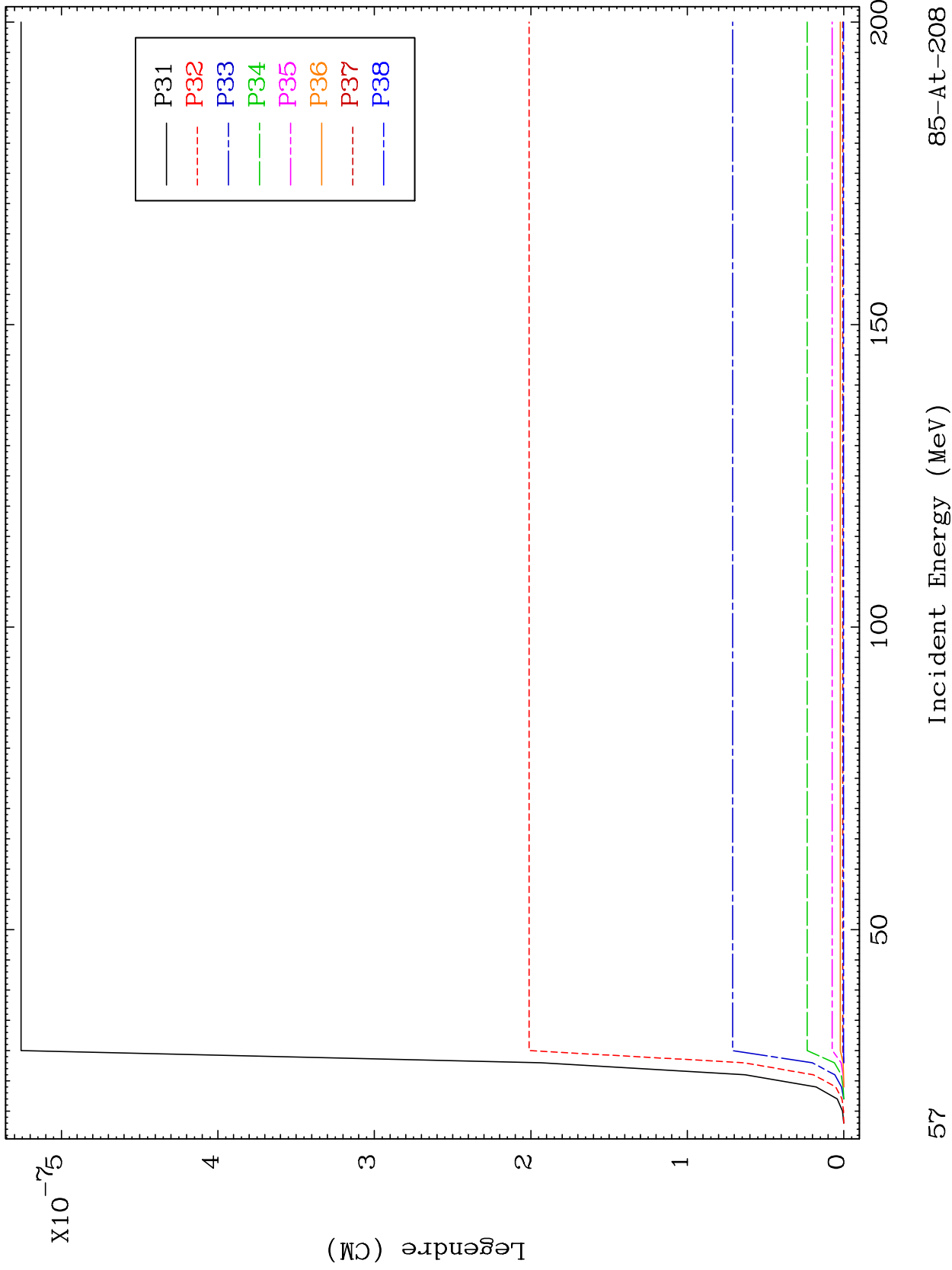
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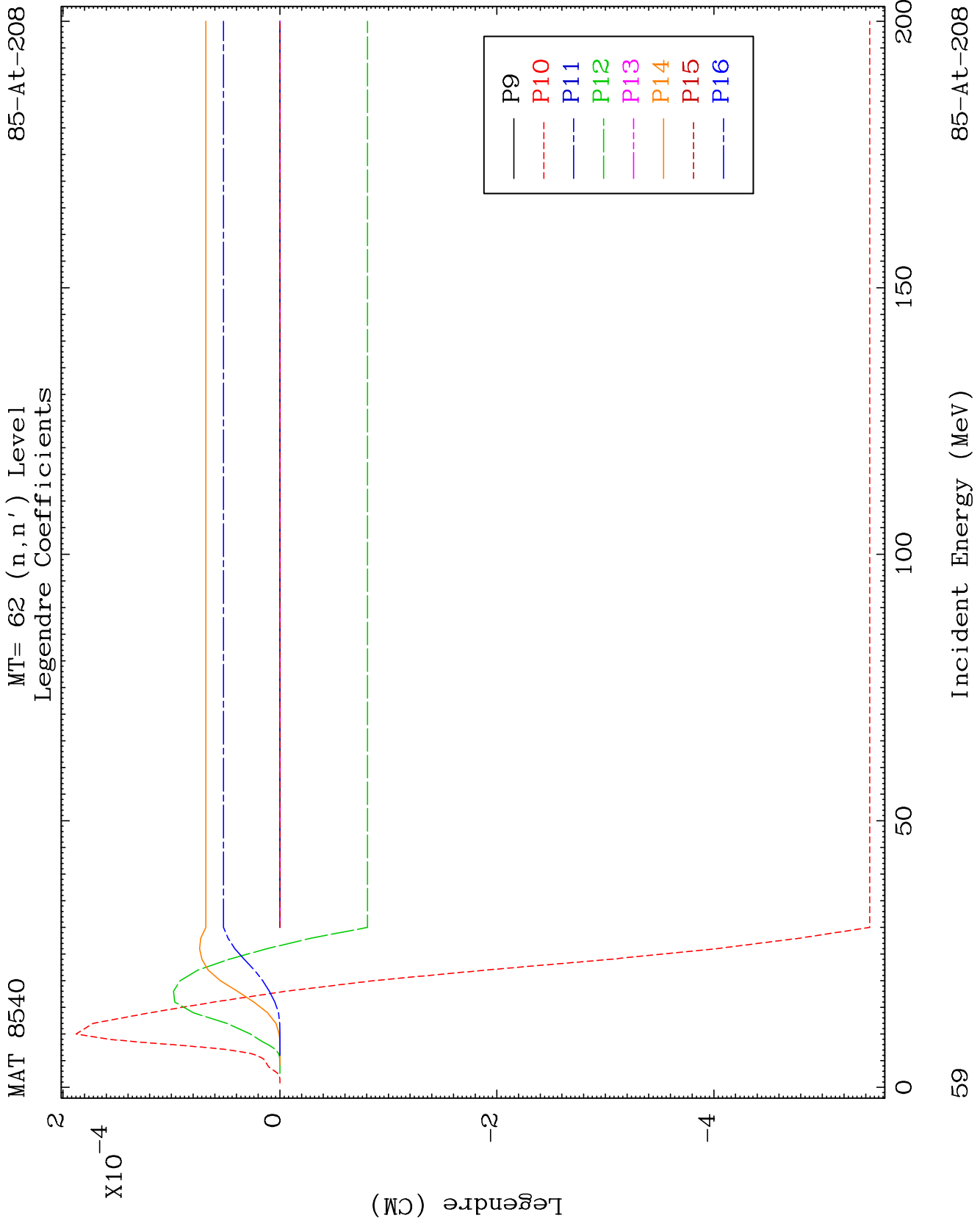


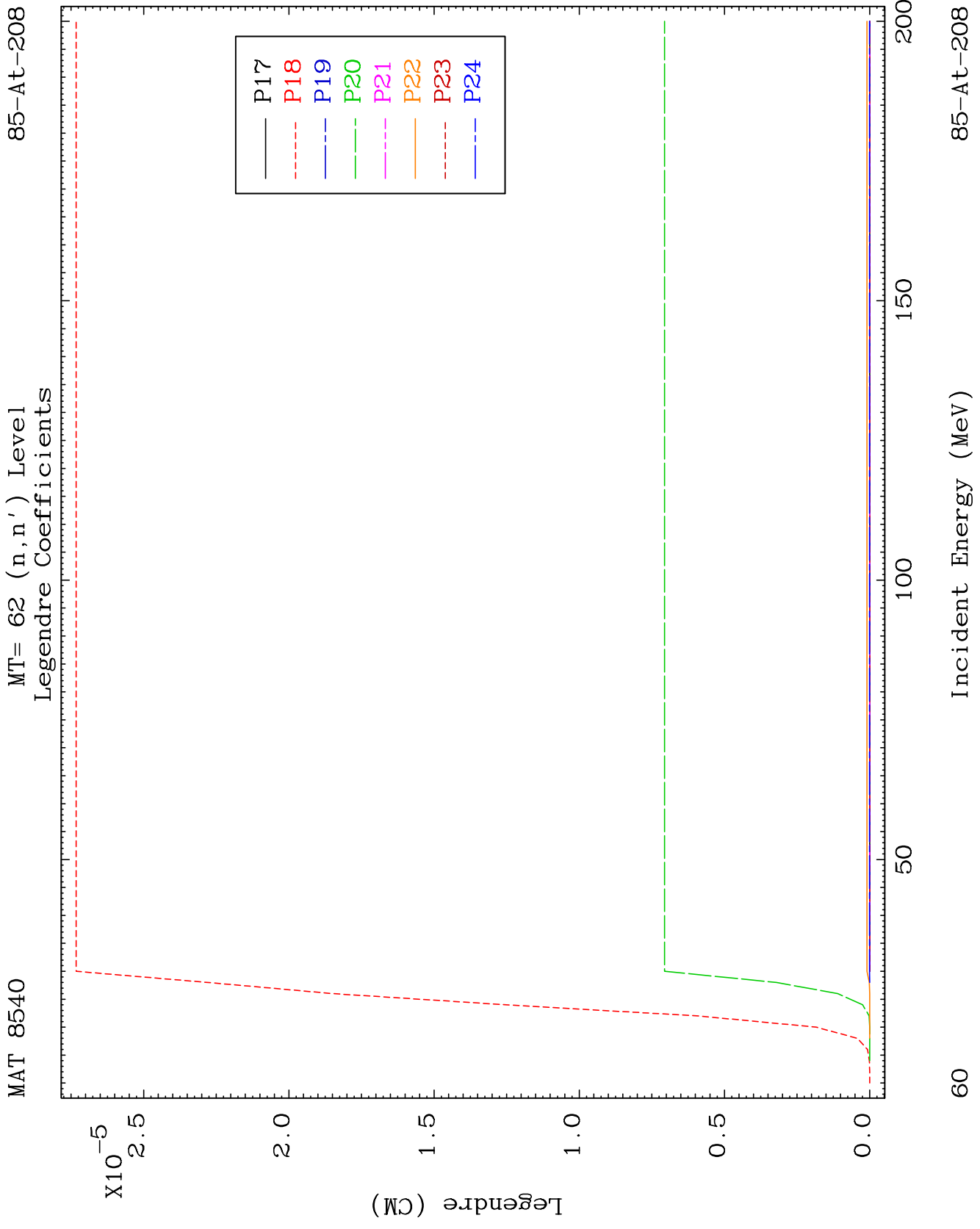
MAT 8540

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

85-At-208



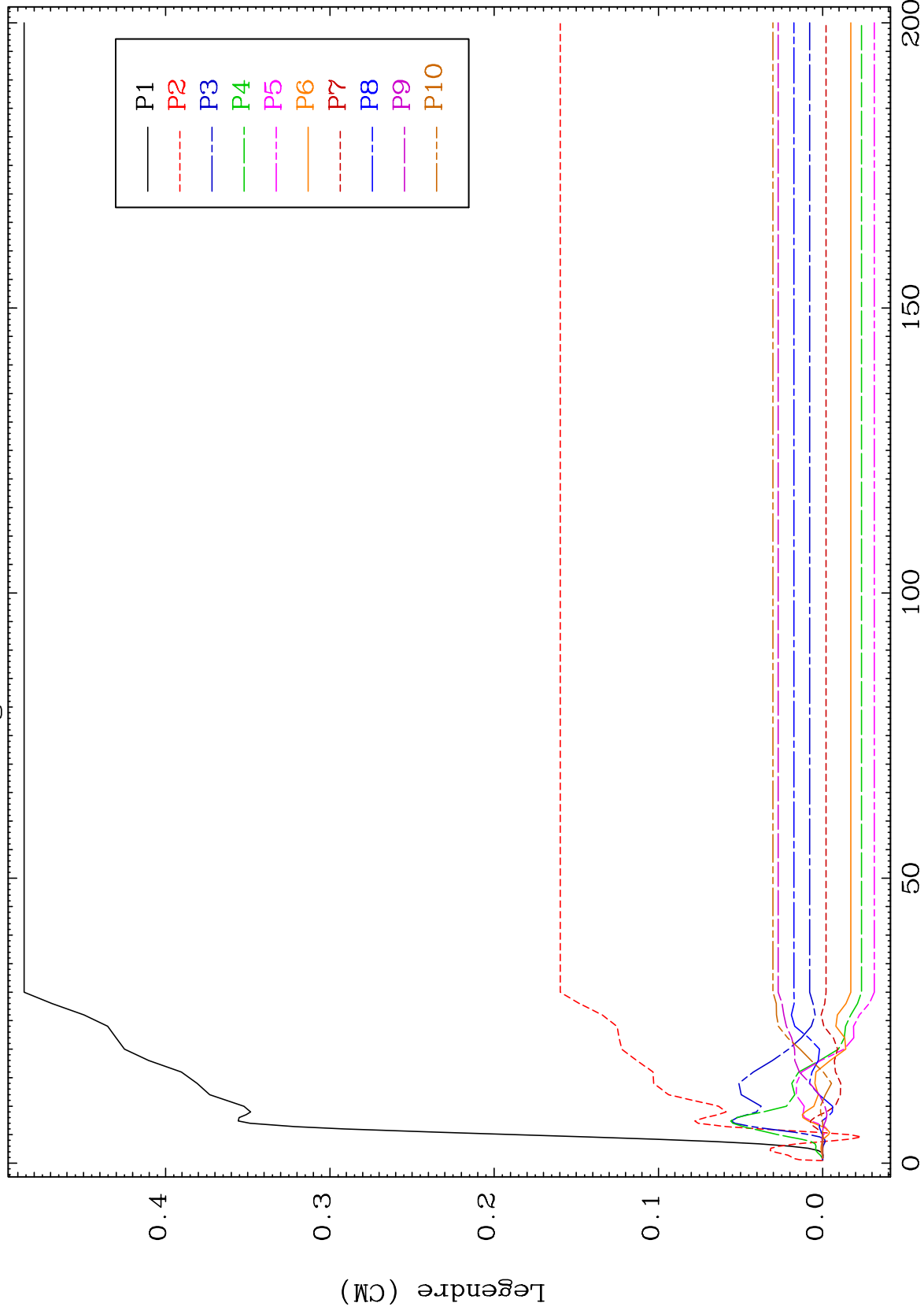




MAT 8540

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

85-At-208



61

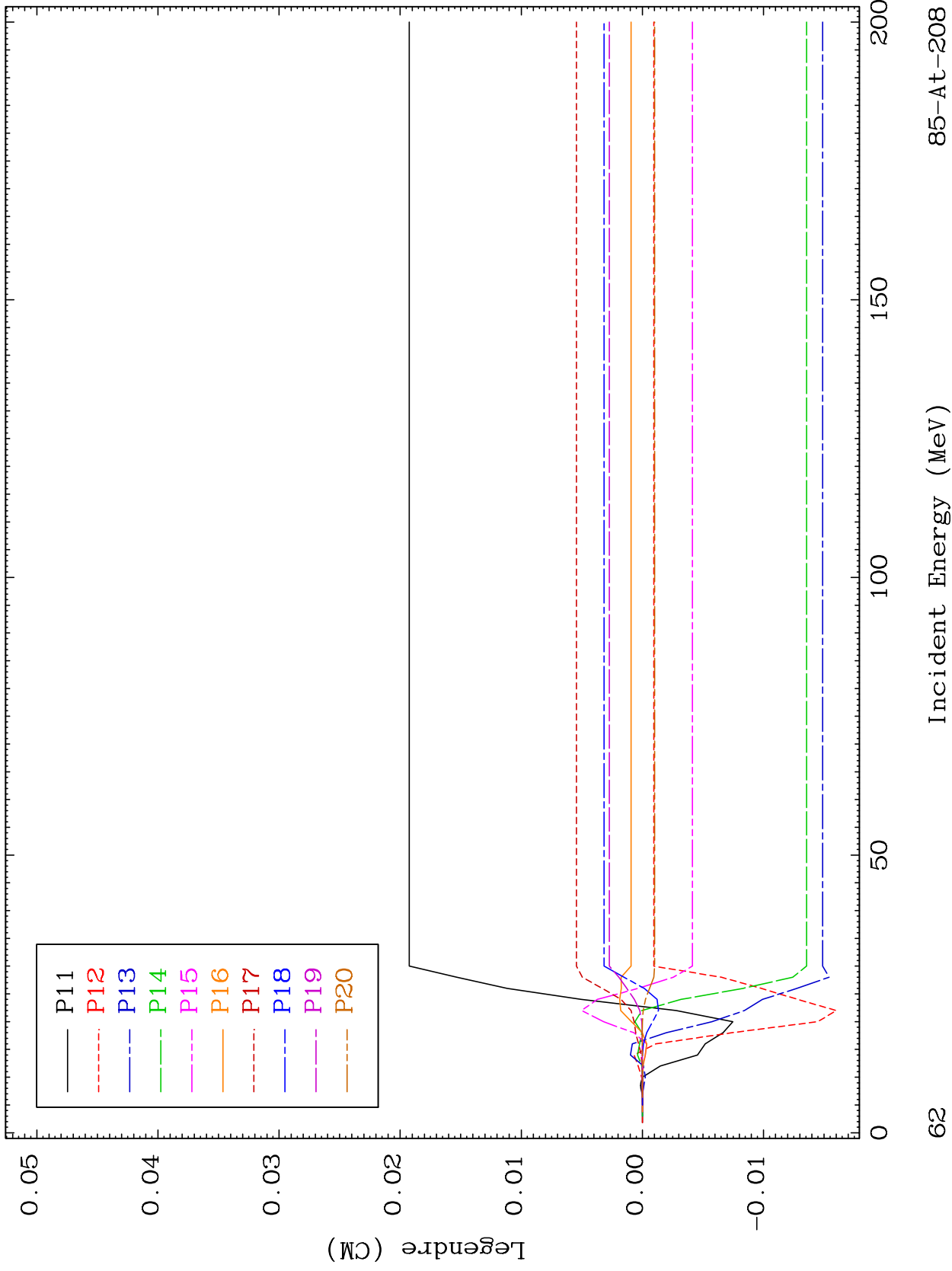
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



85-At-208

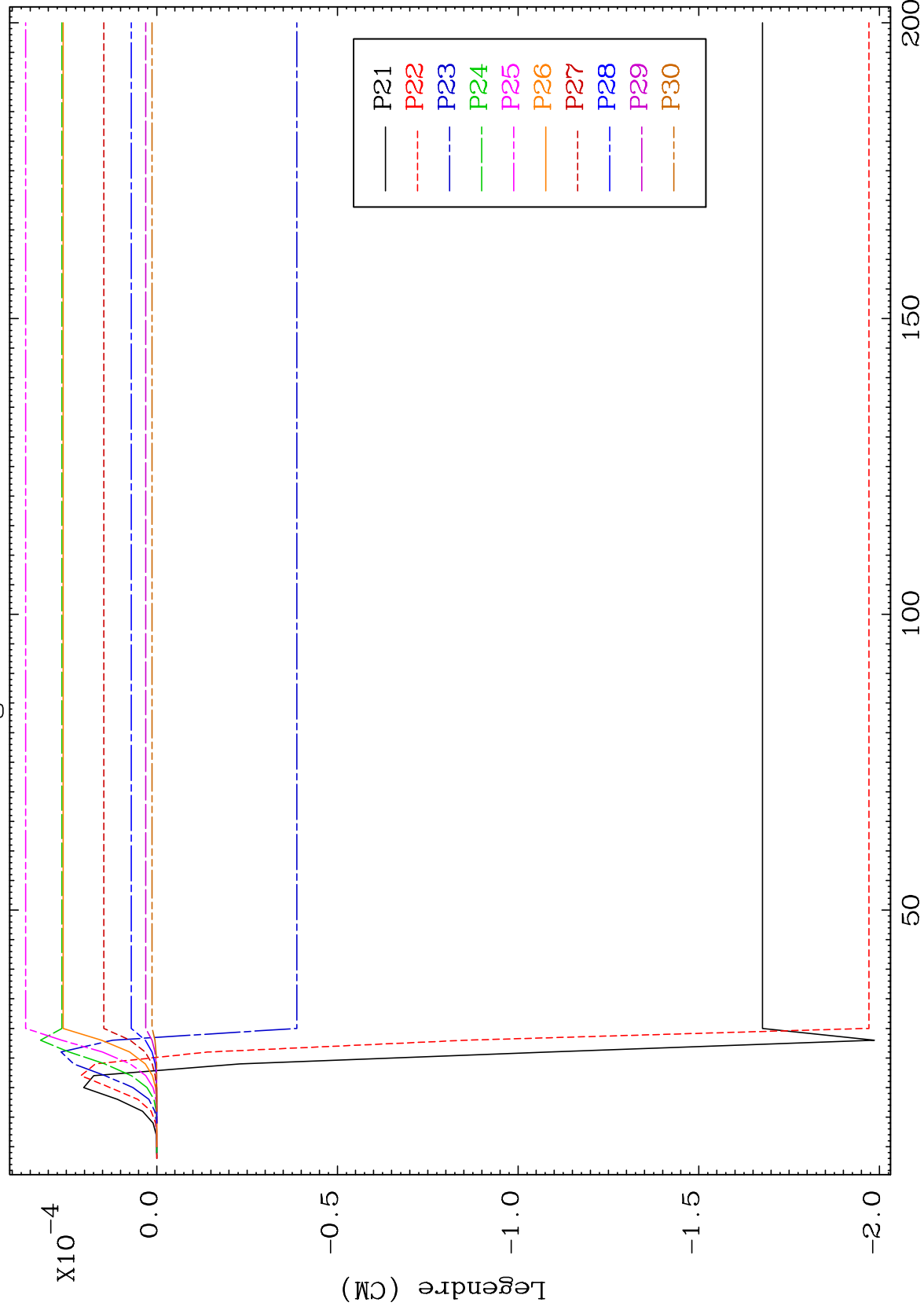
Incident Energy (MeV)

62

MAT 8540

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

85-At-208



85-At-208

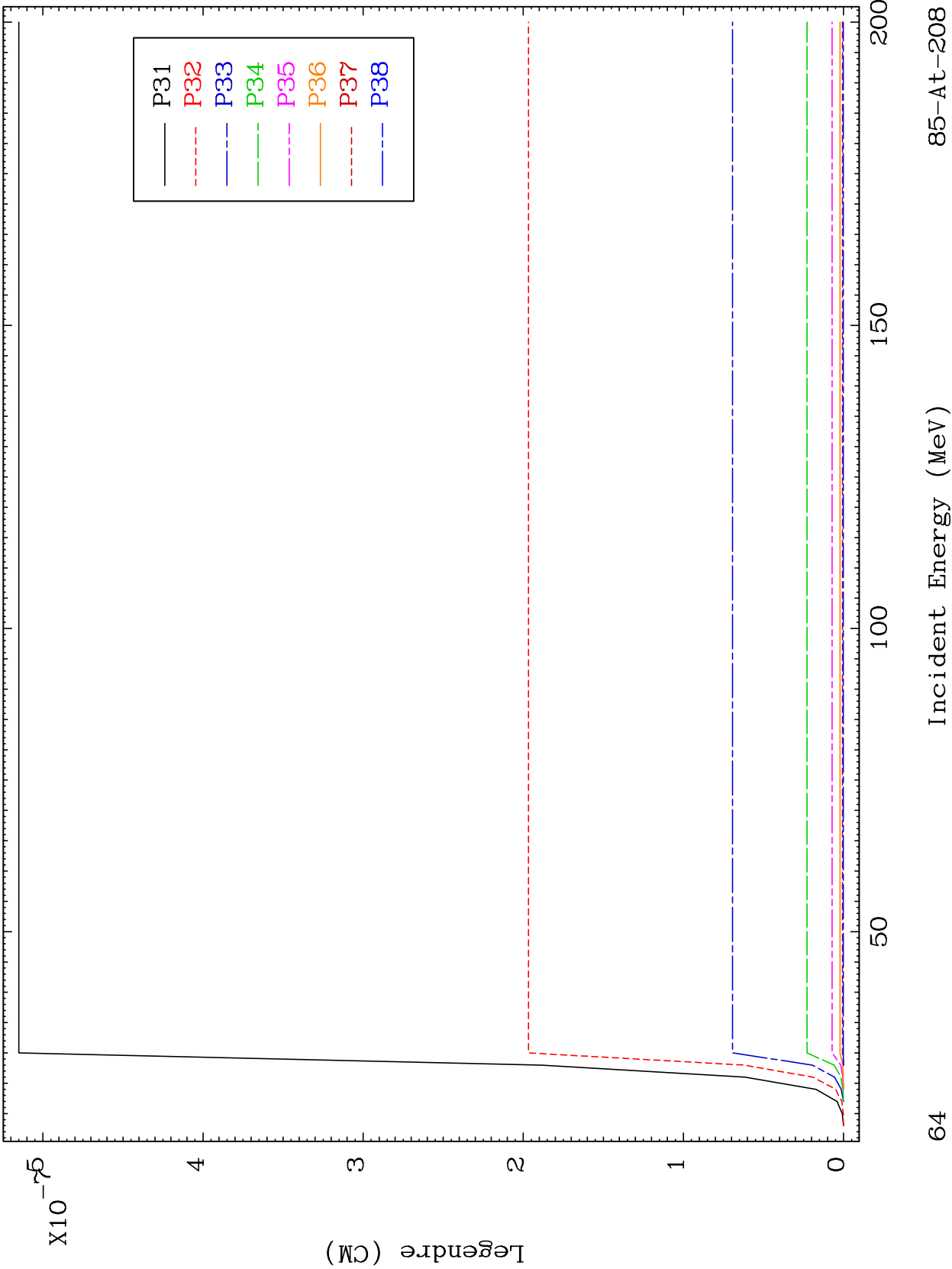
Incident Energy (MeV)

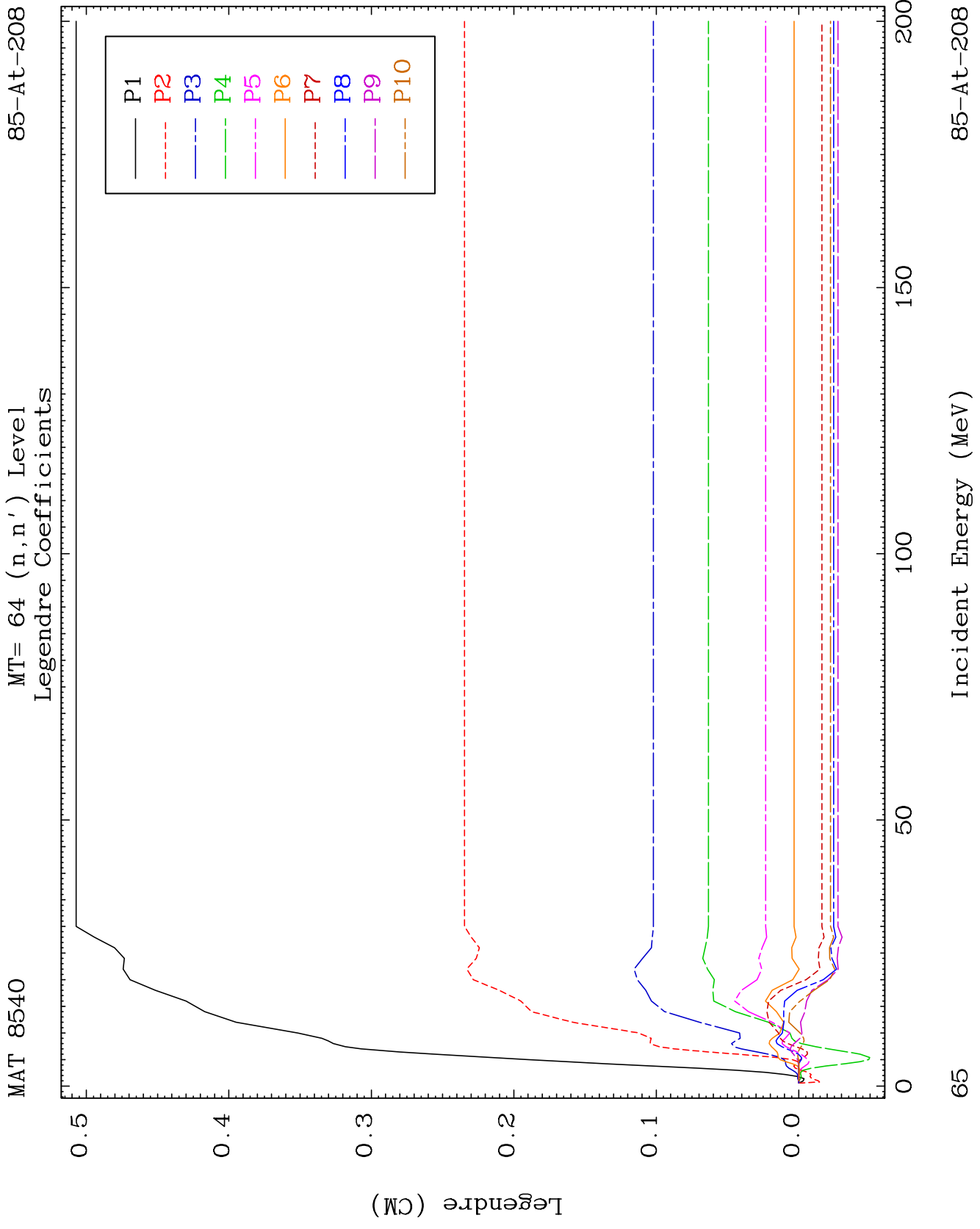
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MAT 8540

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

85-At-208

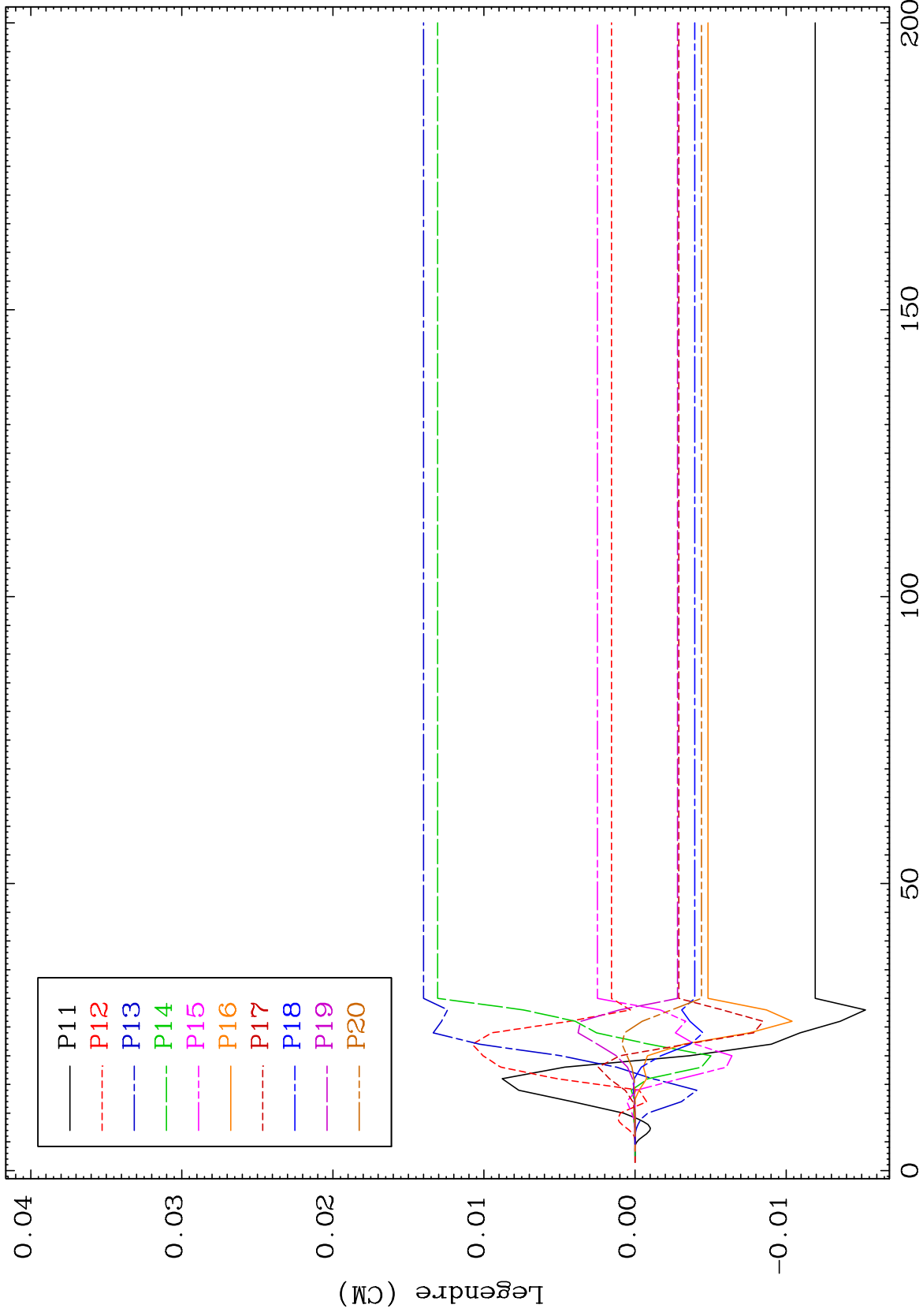




MAT 8540

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

85-At-208



66

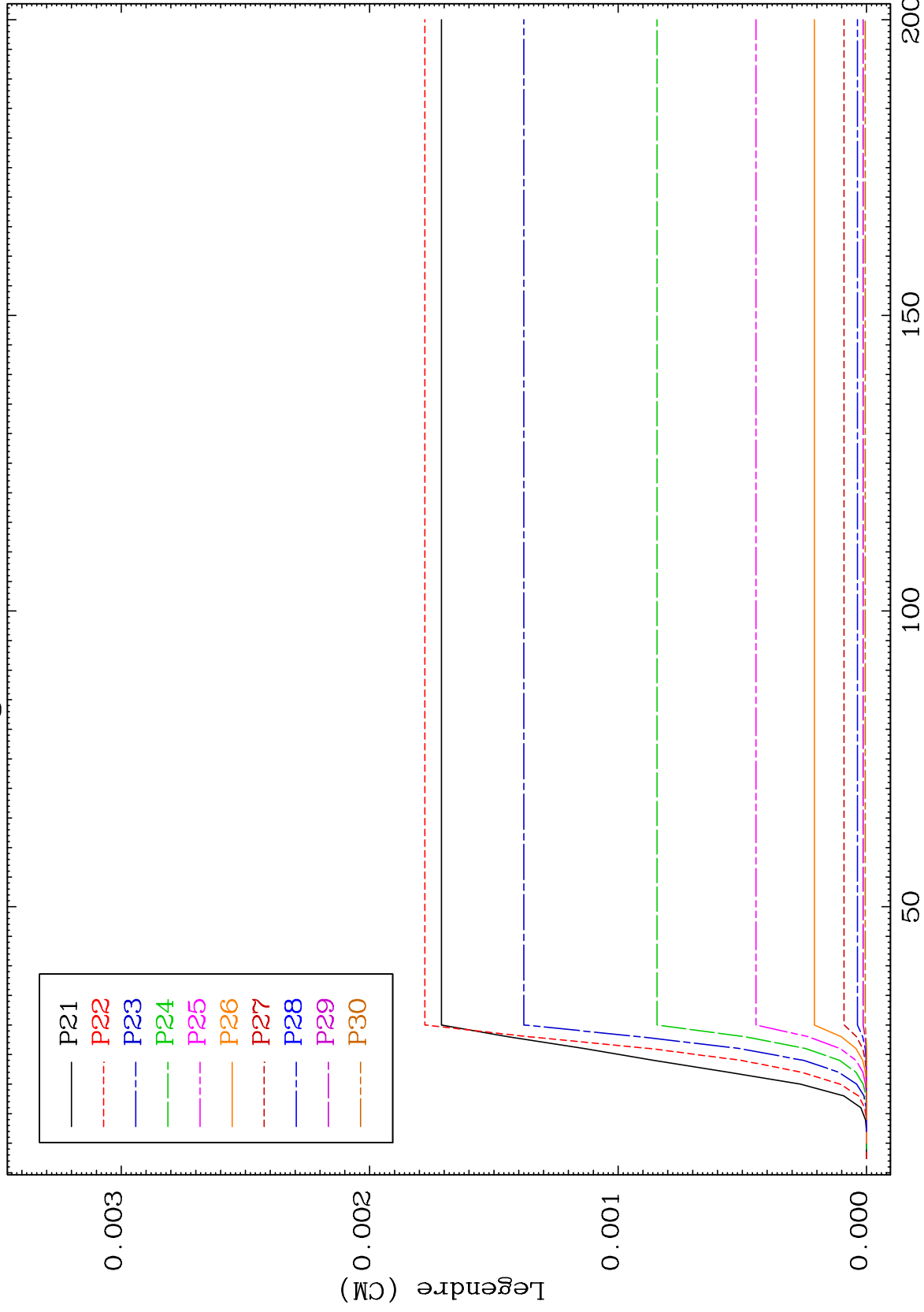
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



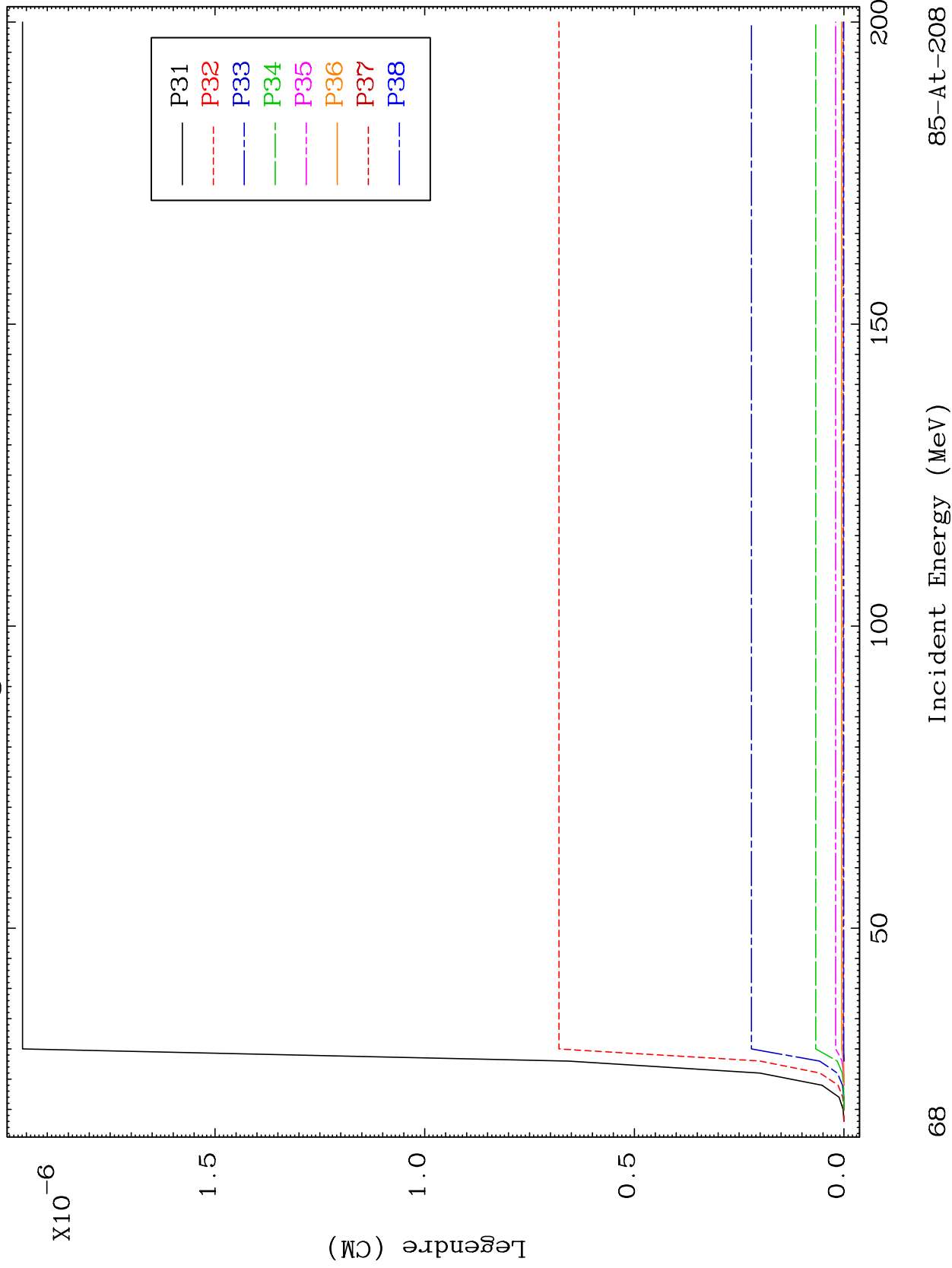
67

85-At-208

MAT 8540

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

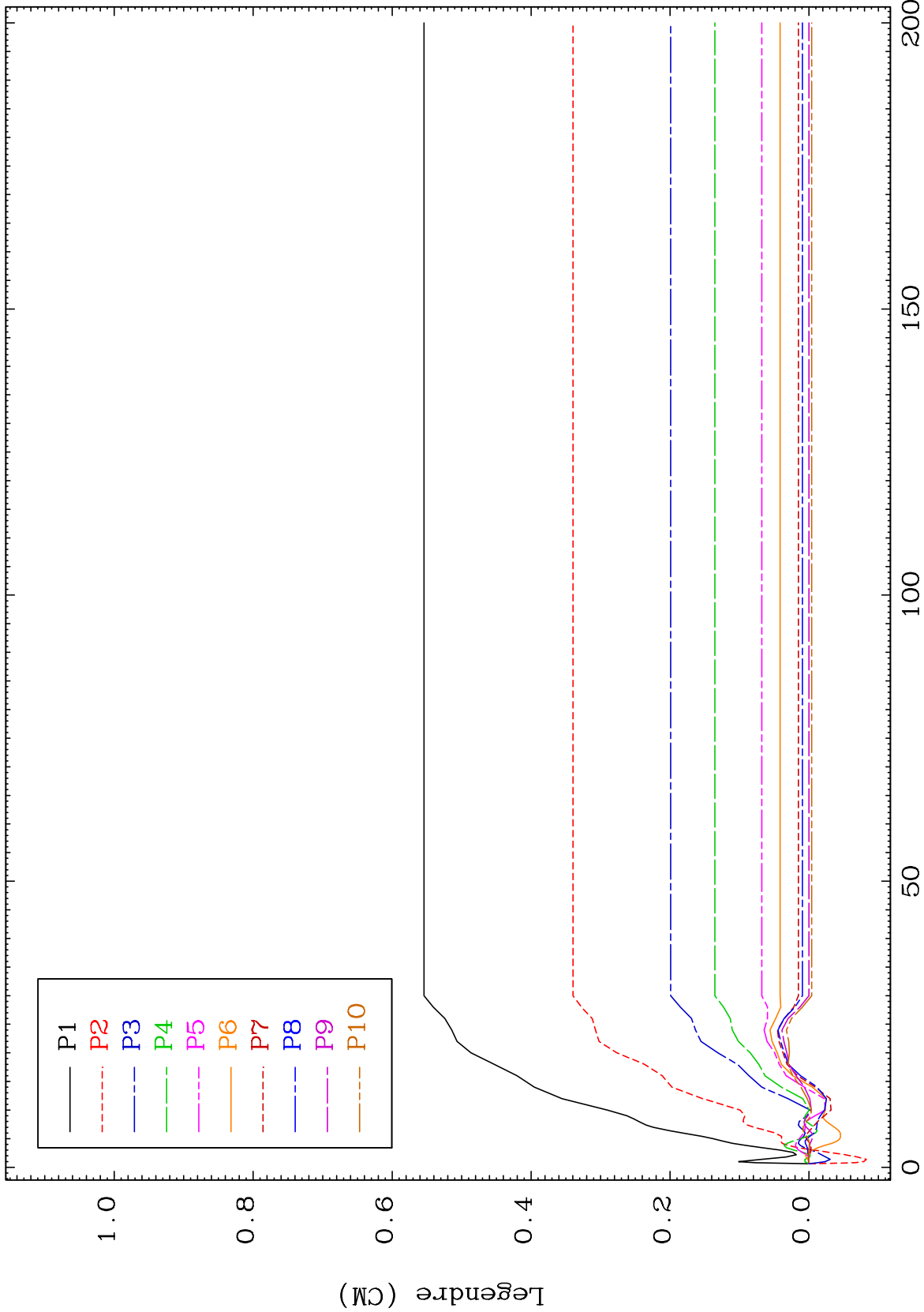
85-At-208



MAT 8540

MT= 65 (n,n') Level
Legendre Coefficients

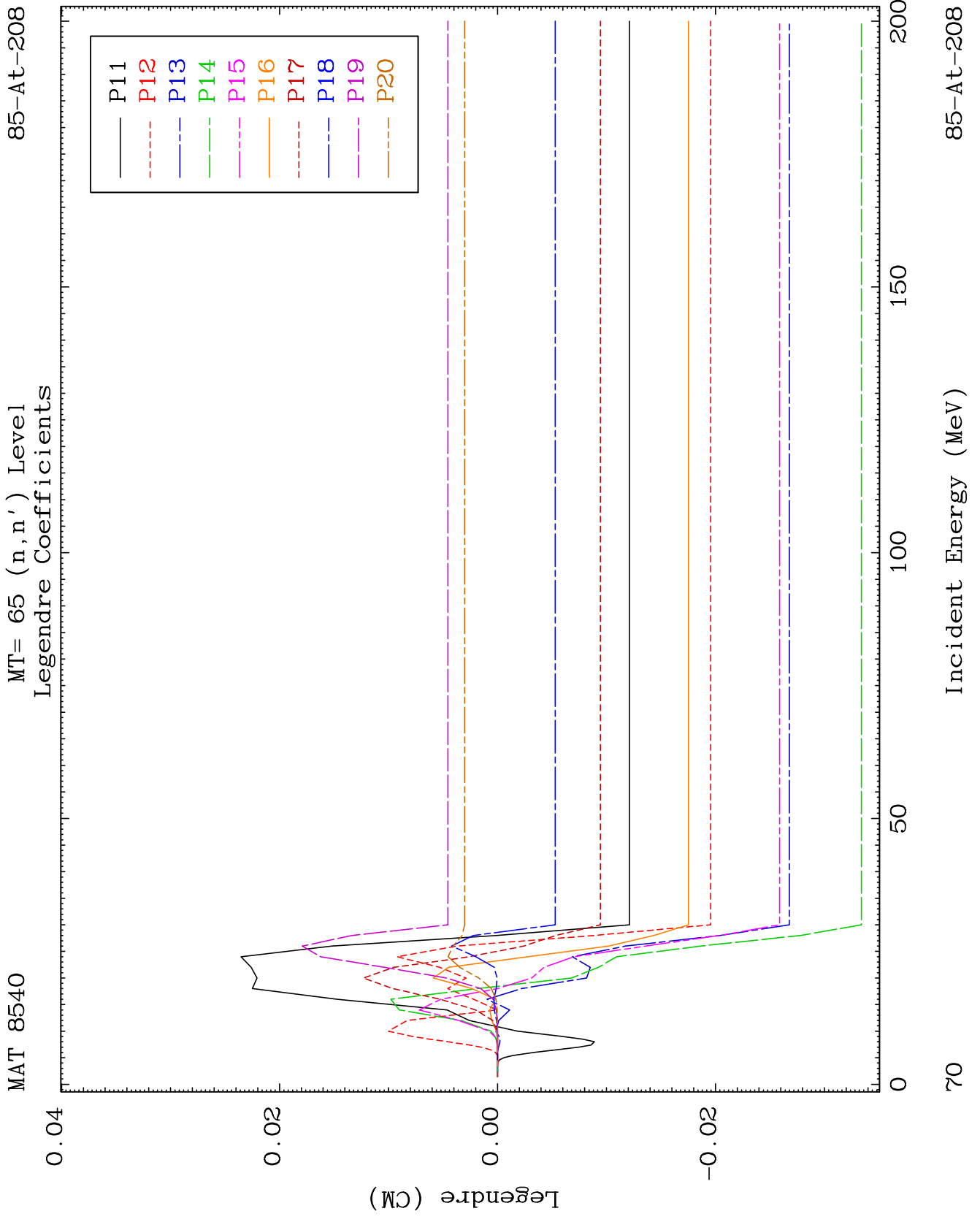
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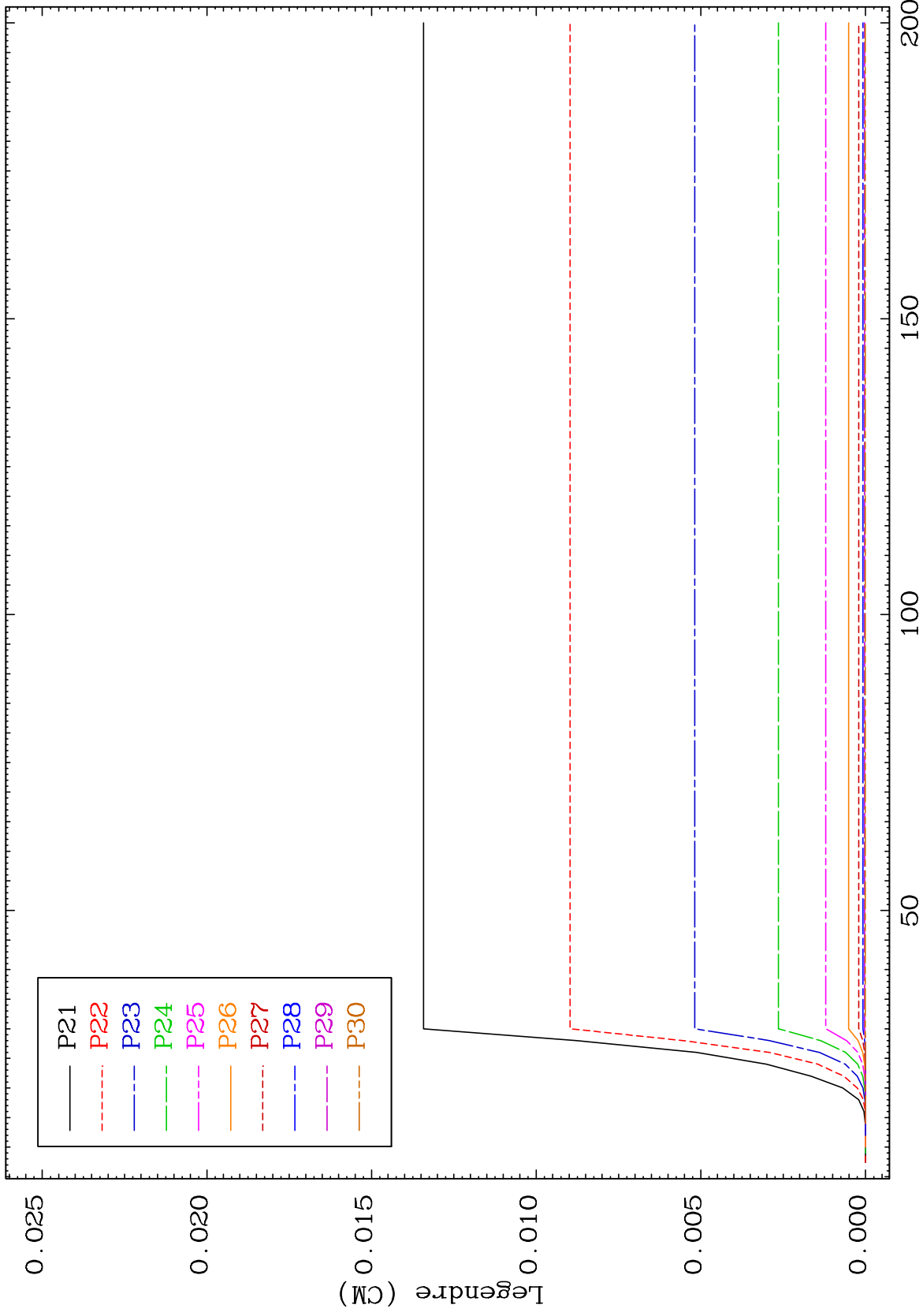


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Incident Energy (MeV)

85-At-208

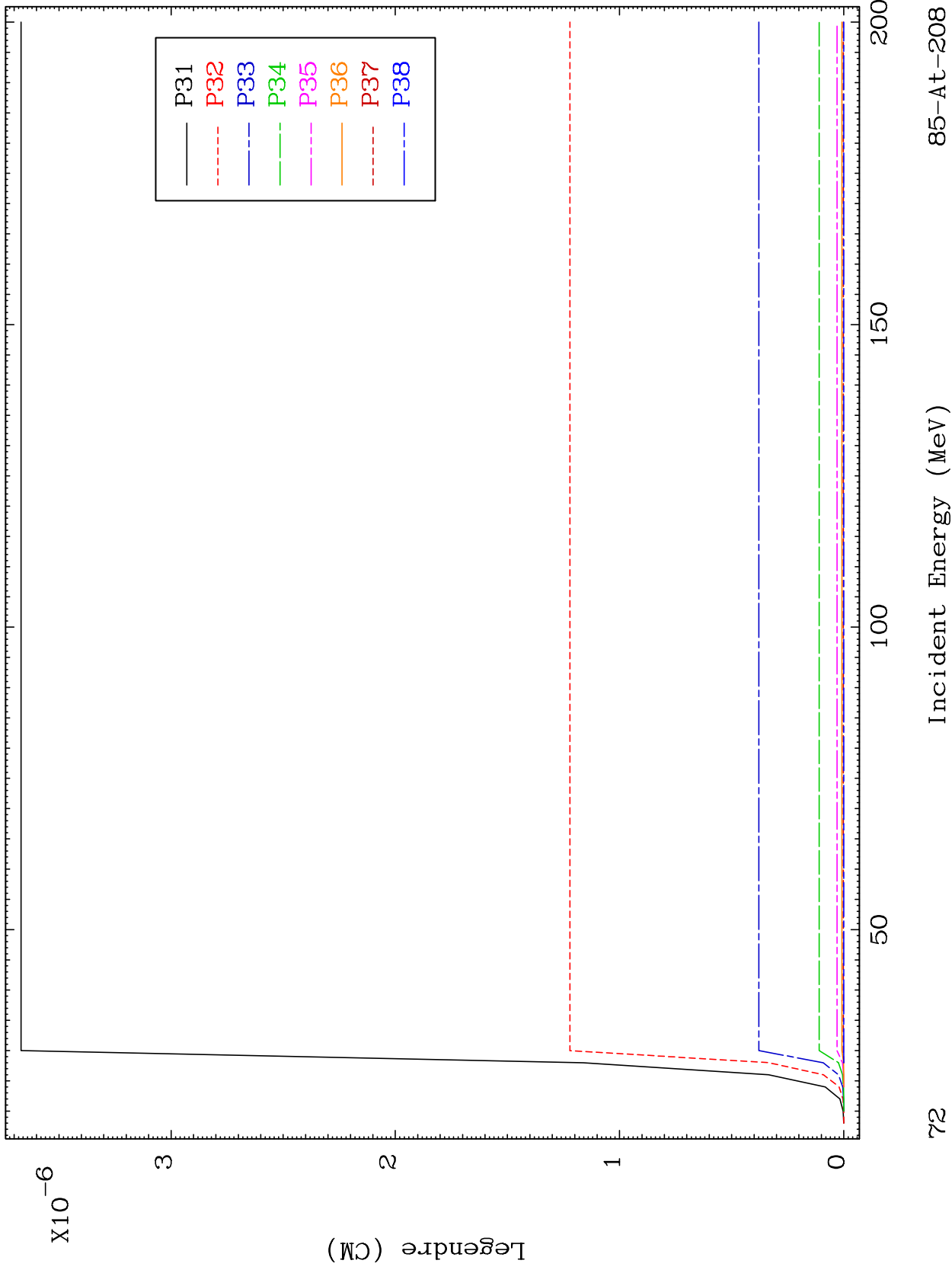




MAT 8540

MT= 65 (n,n') Level
Legendre Coefficients

85-At-208



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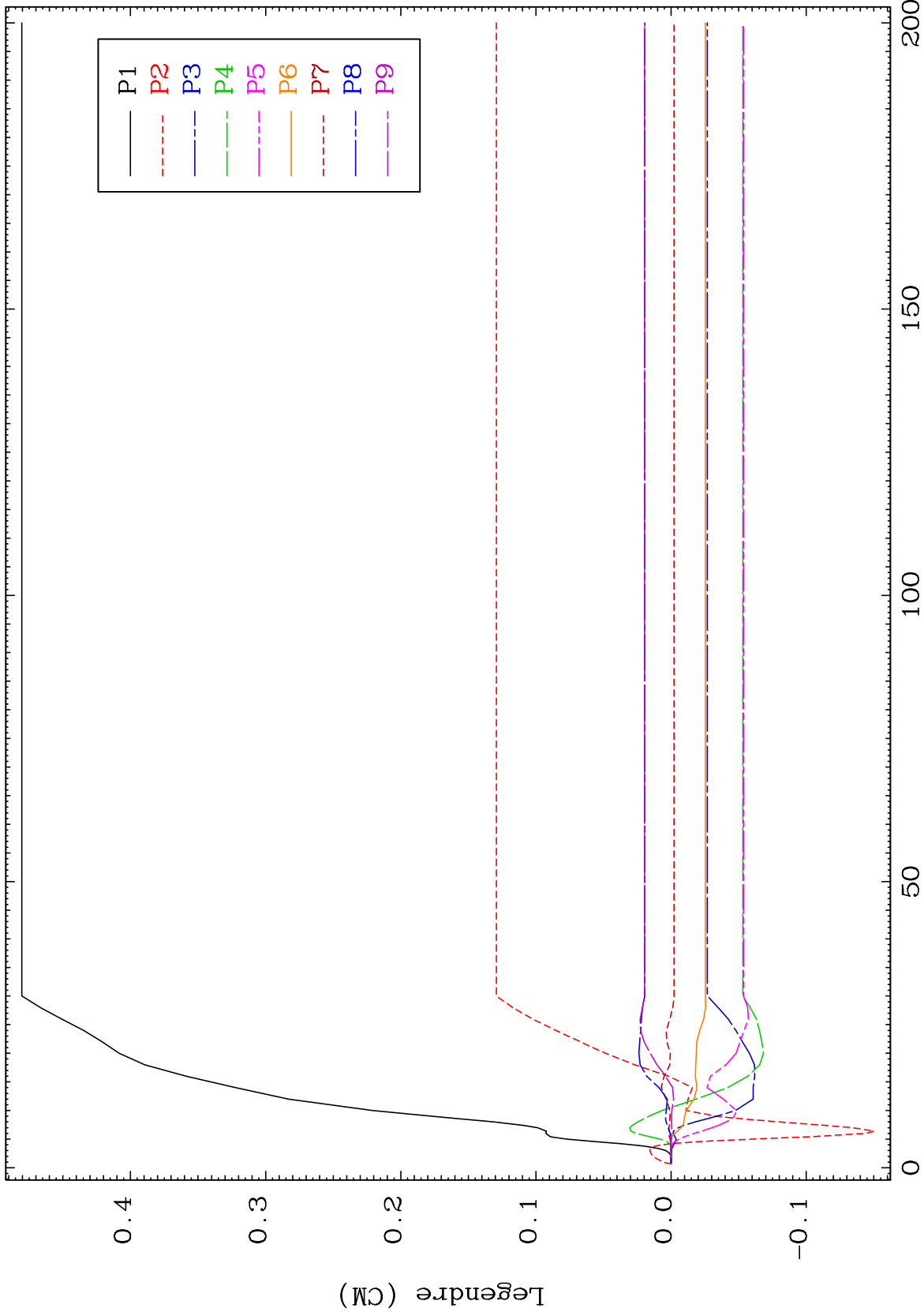
Incident Energy (MeV)

85-At-208

MAT 8540

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

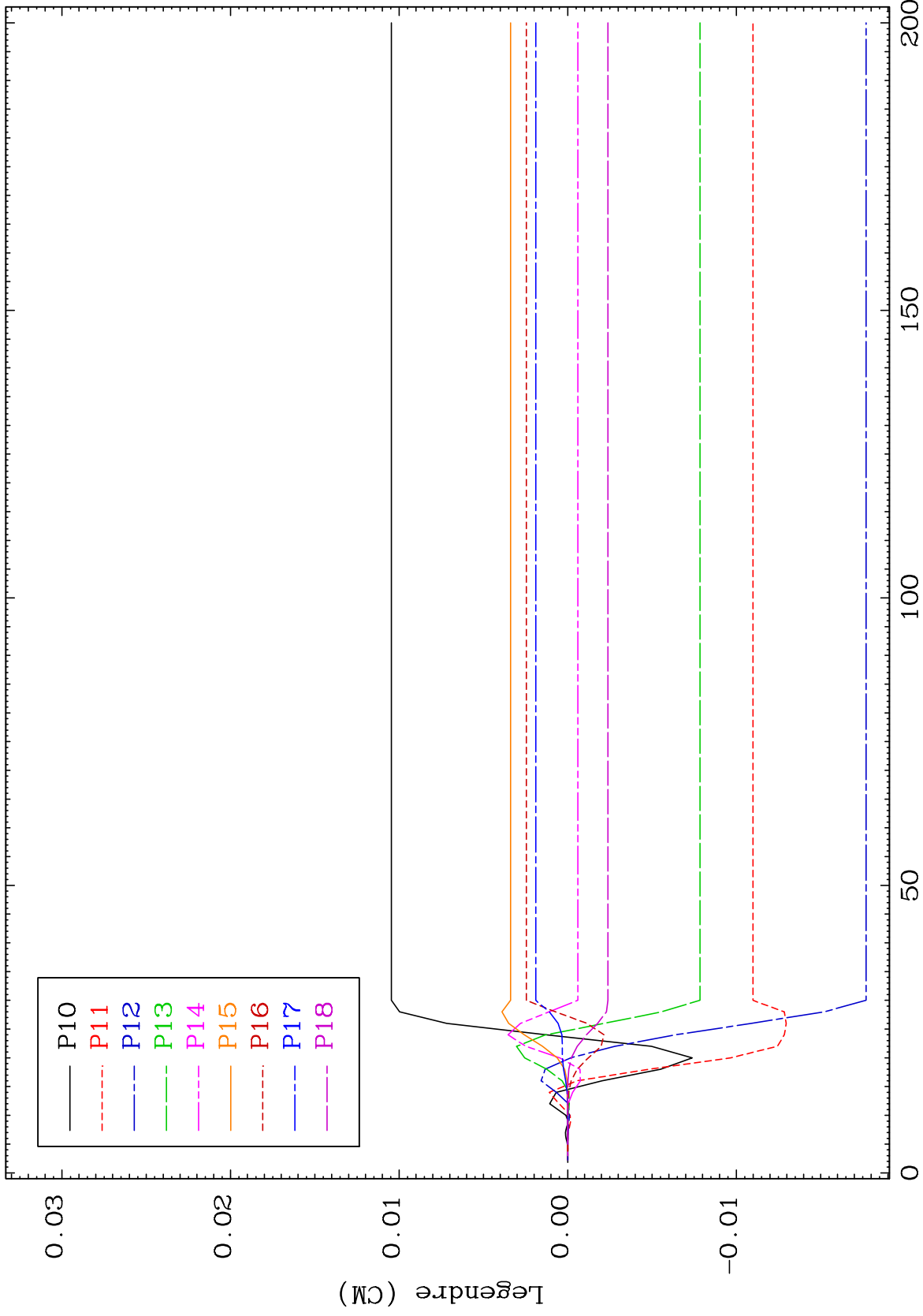
85-At-208



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Incident Energy (MeV)

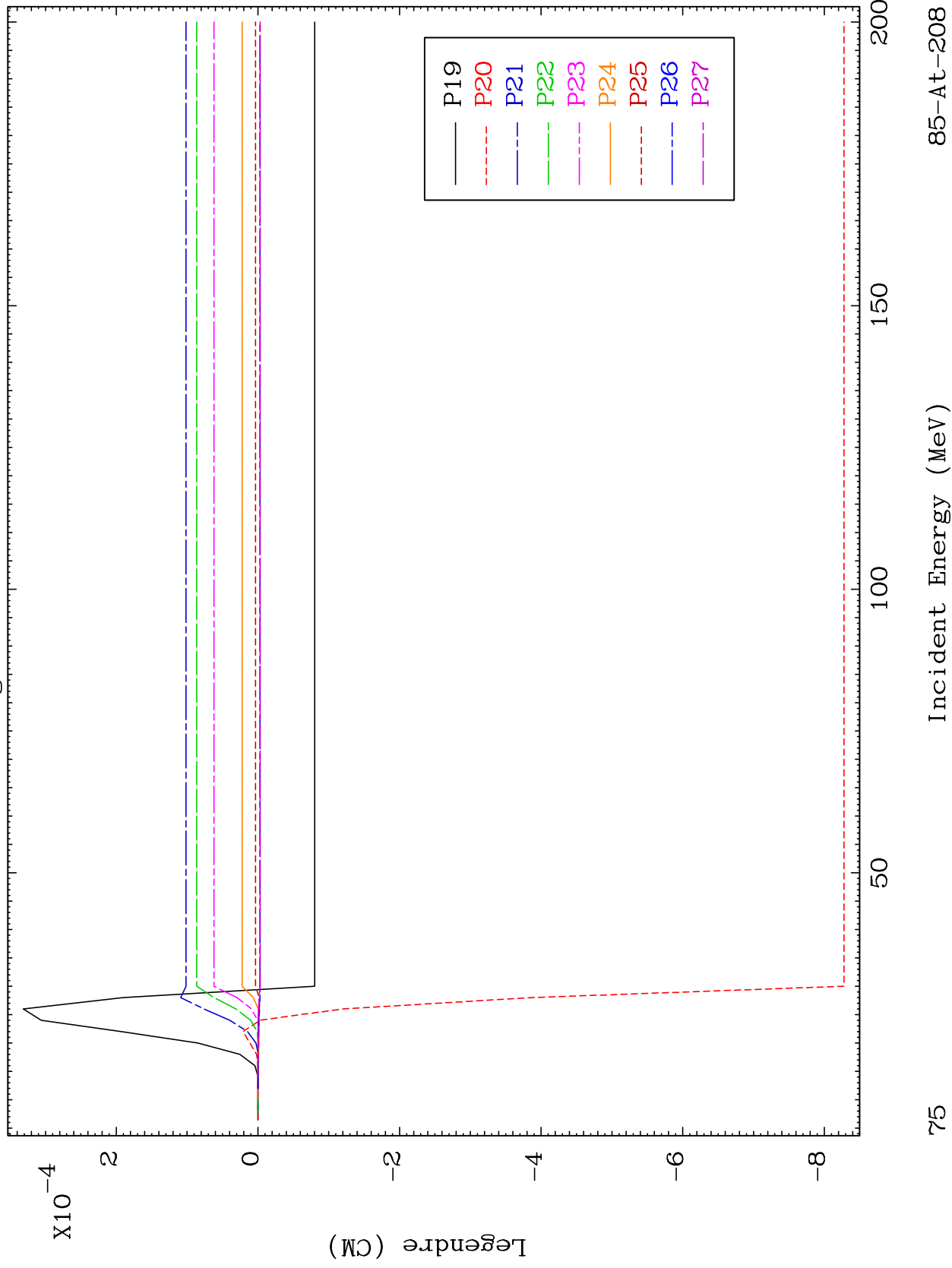
85-At-208



MAT 8540

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

85-At-208



75

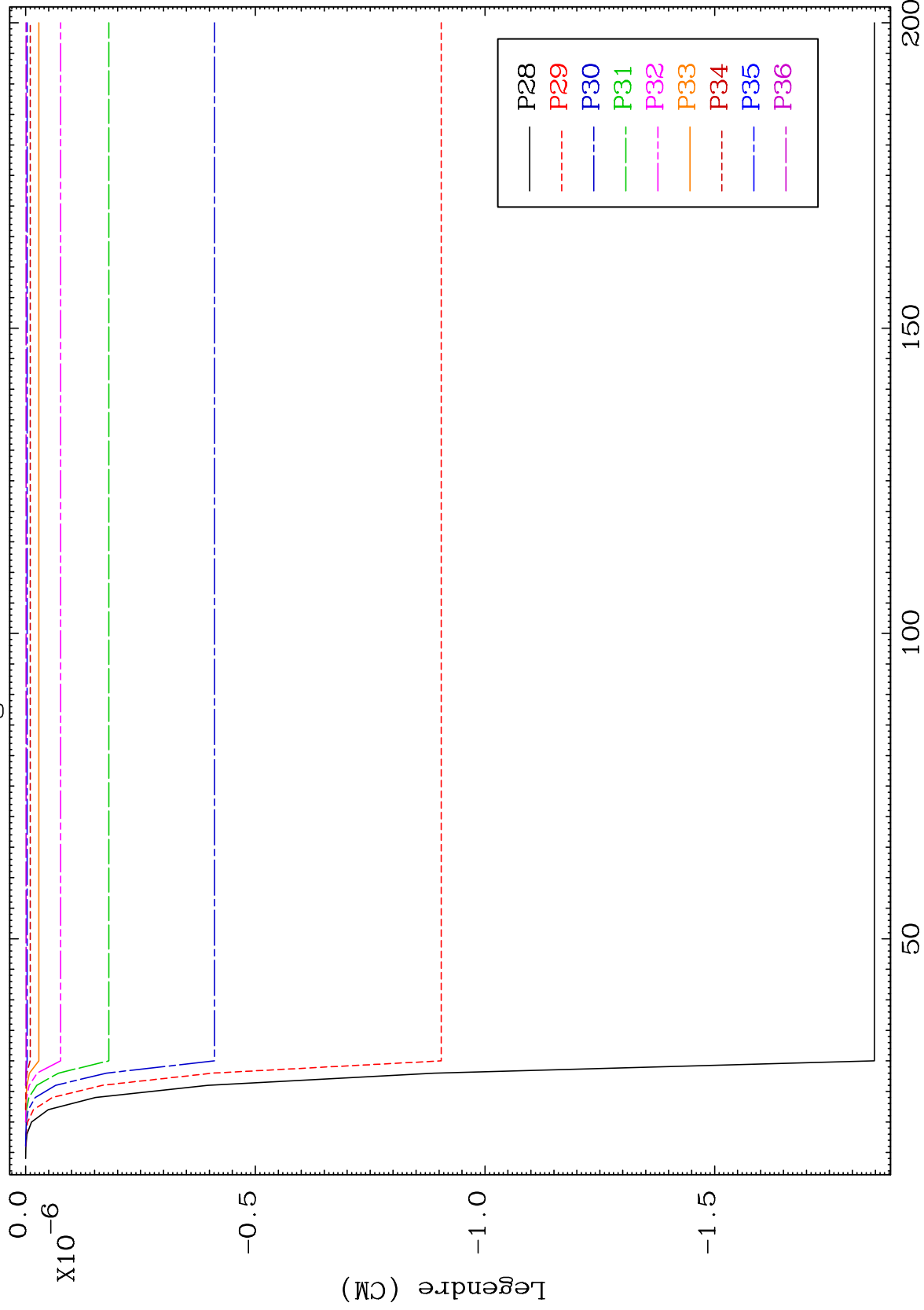
Incident Energy (MeV)

85-At-208

MAT 8540

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

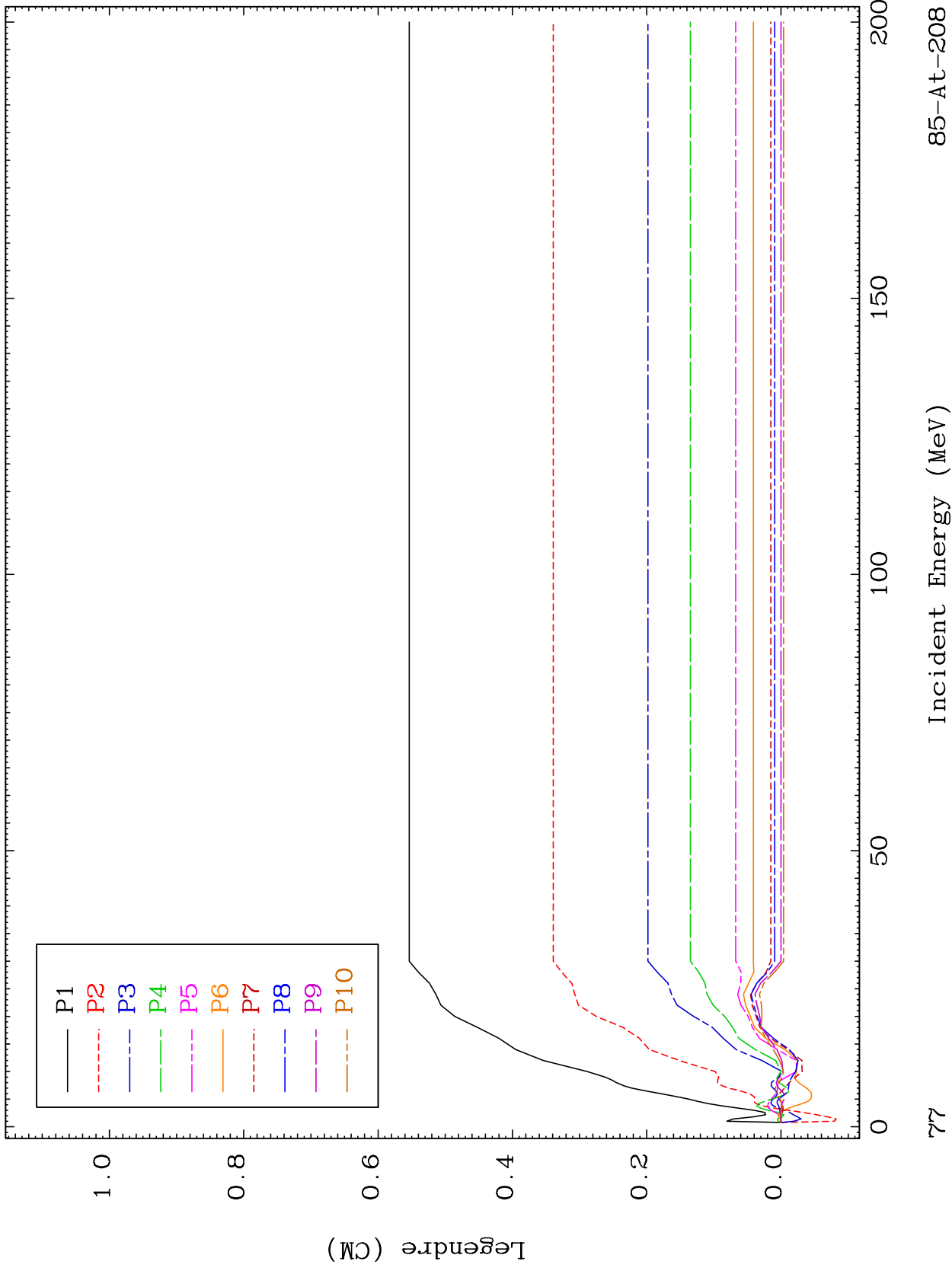
85-At-208



76

Incident Energy (MeV)

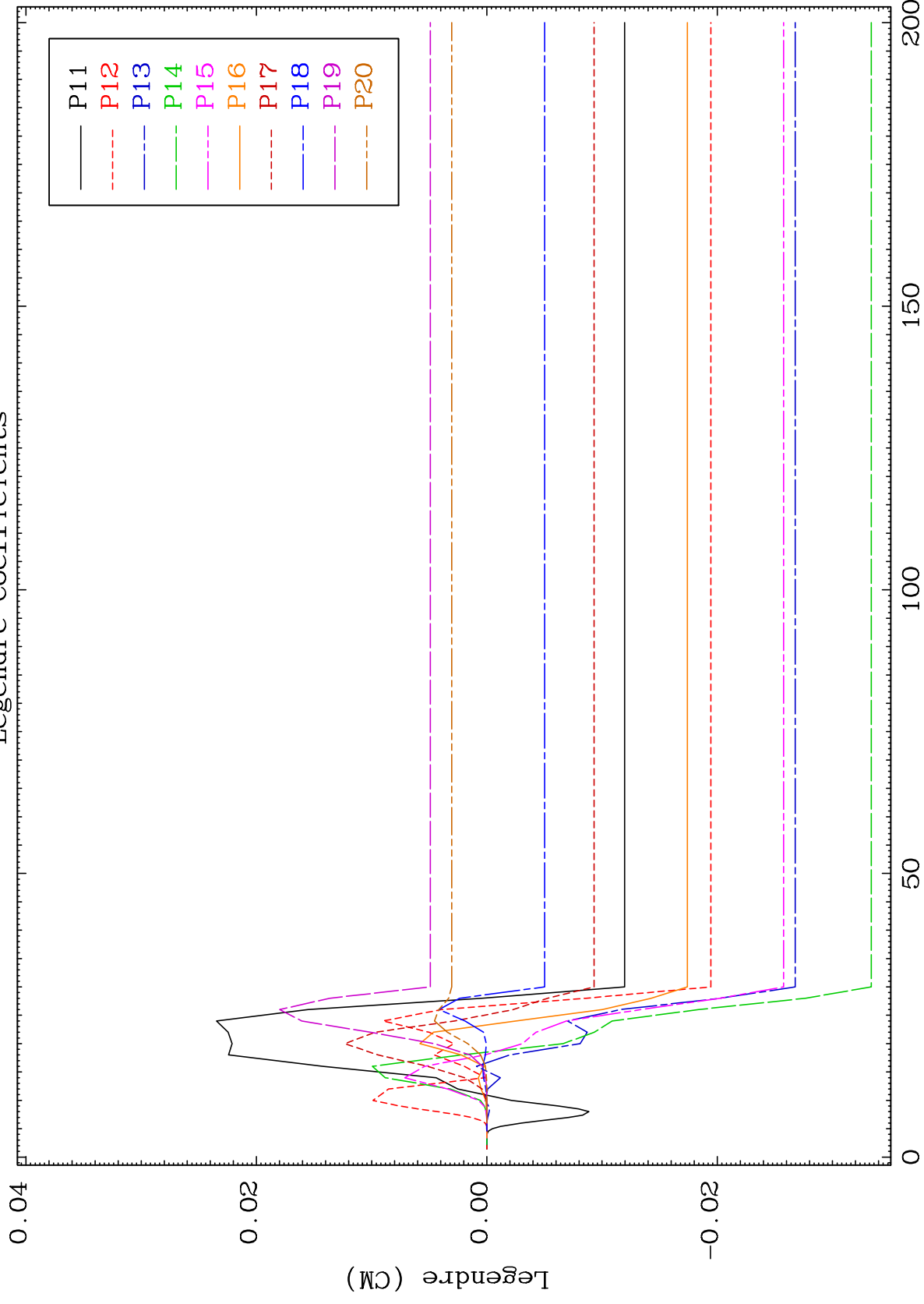
85-At-208



MAT 8540

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

85-At-208



78

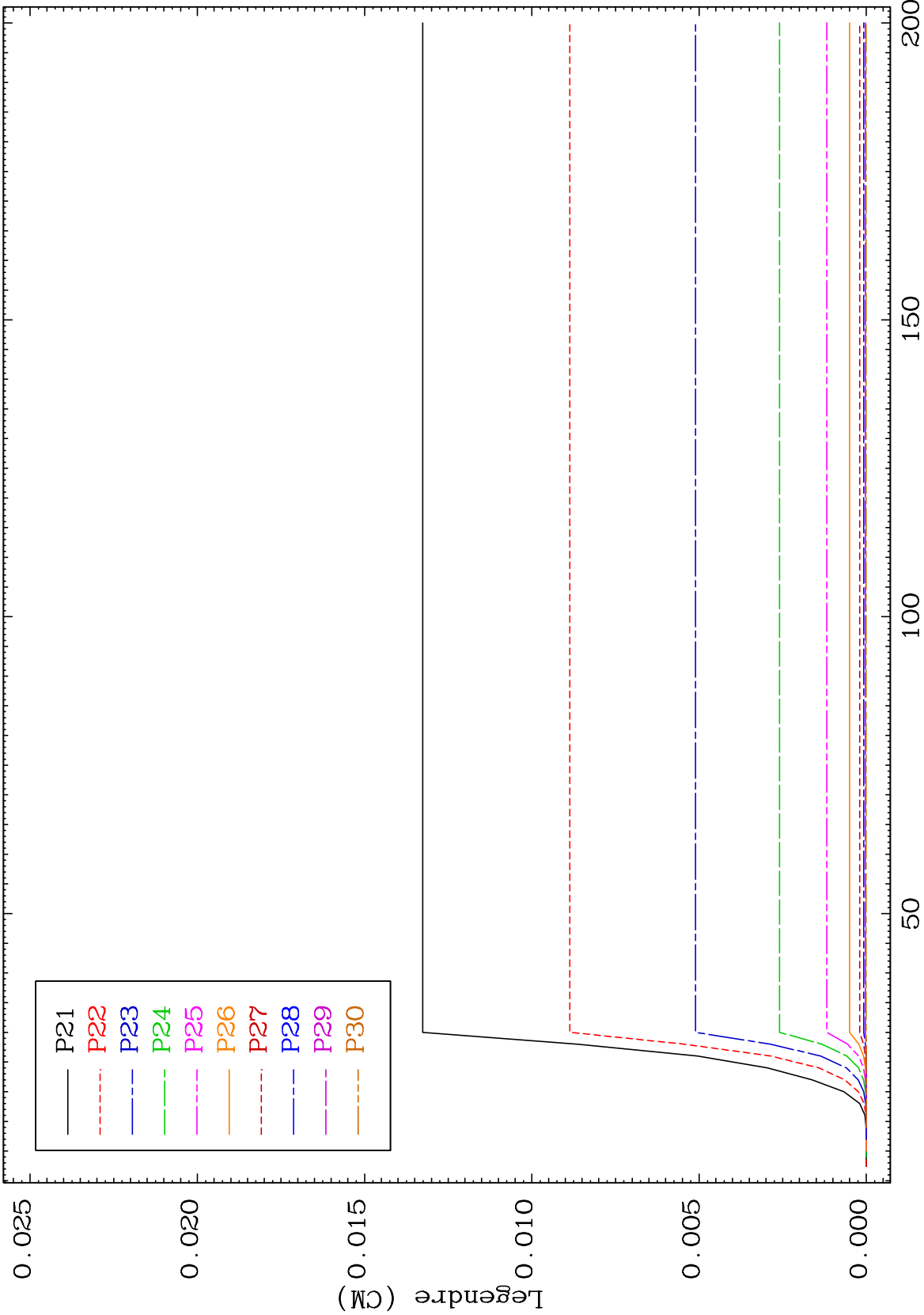
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



79

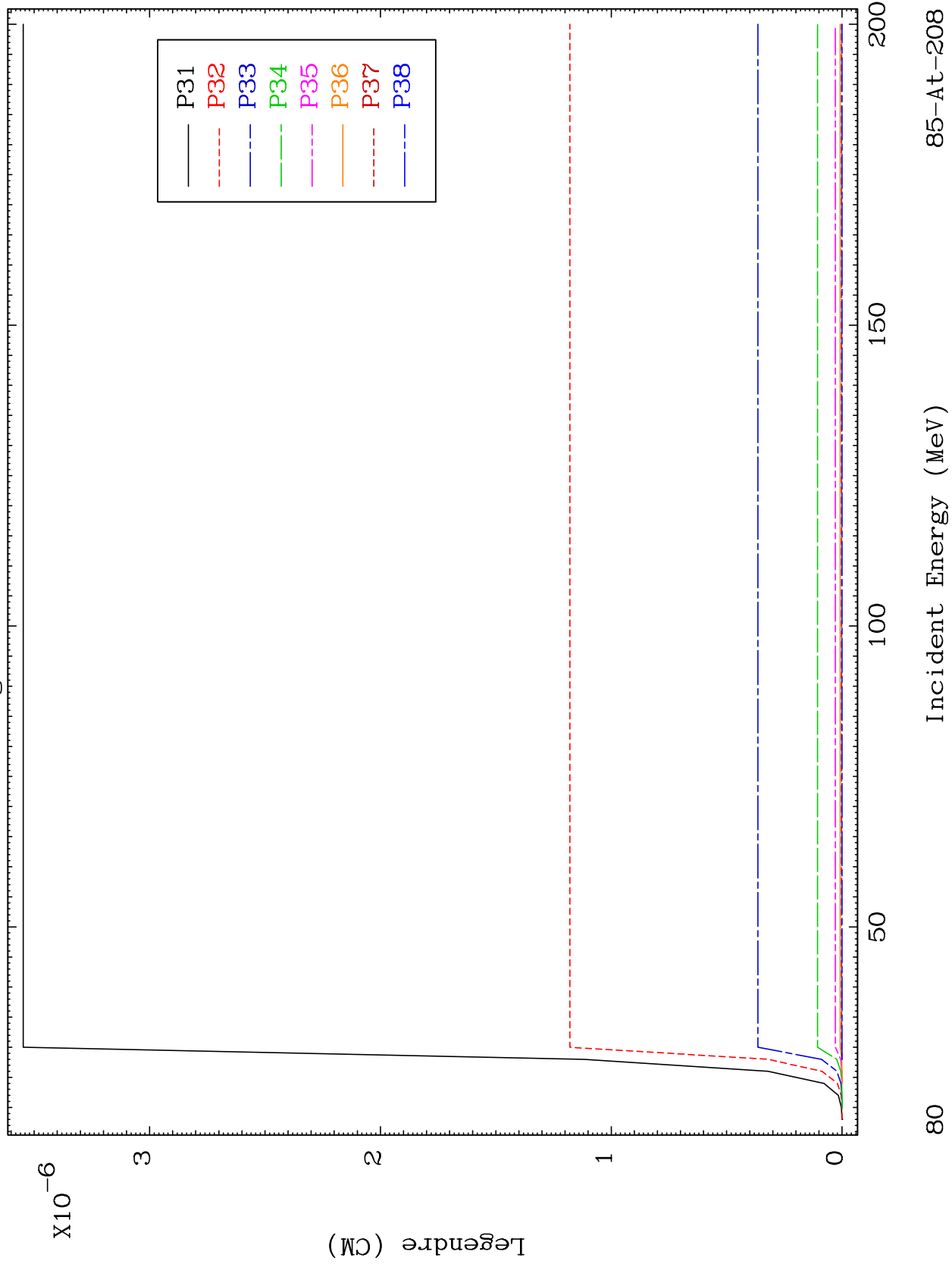
Incident Energy (MeV)

85-At-208

MAT 8540

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

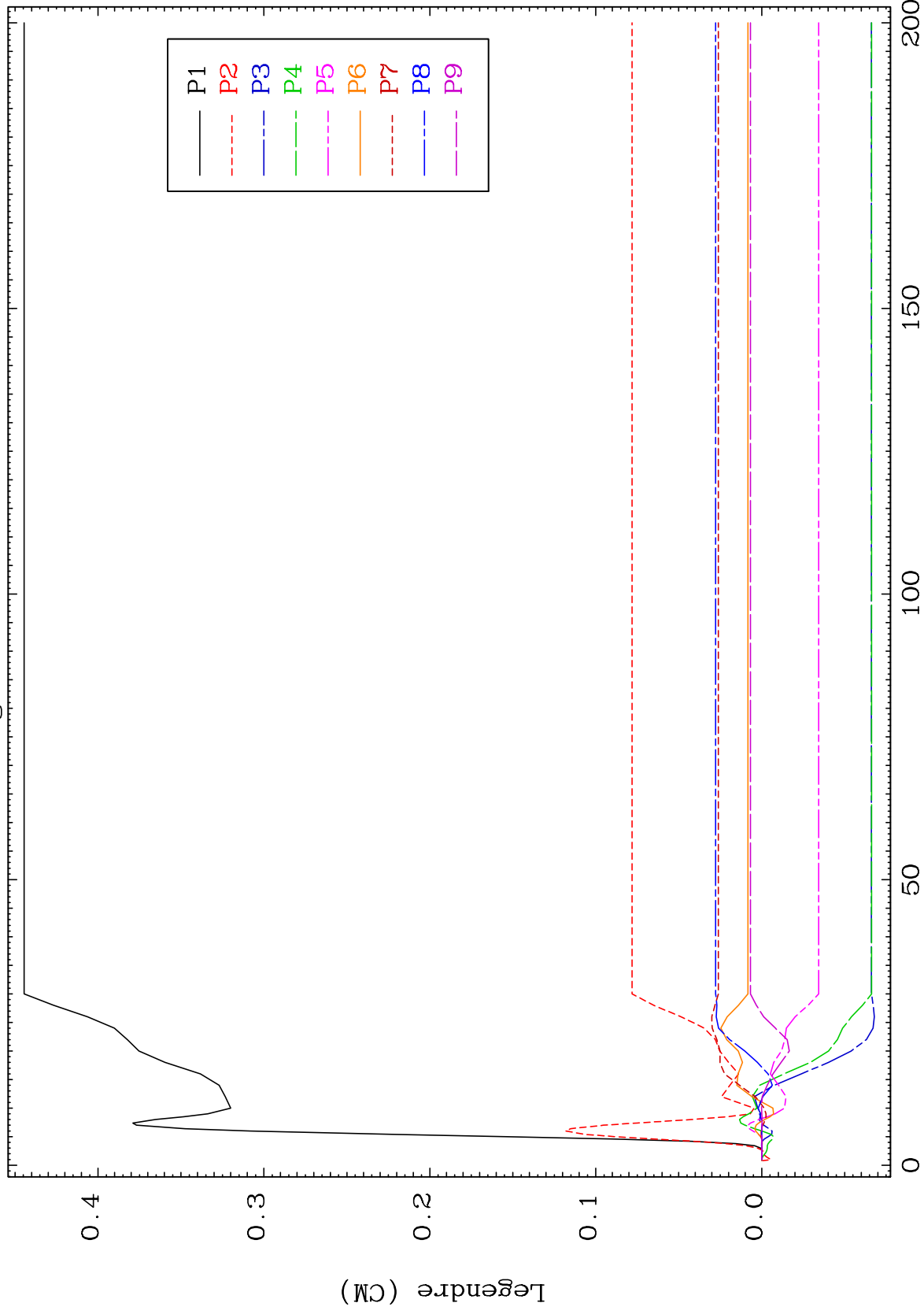
85-At-208



MAT 8540

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

85-At-208



81

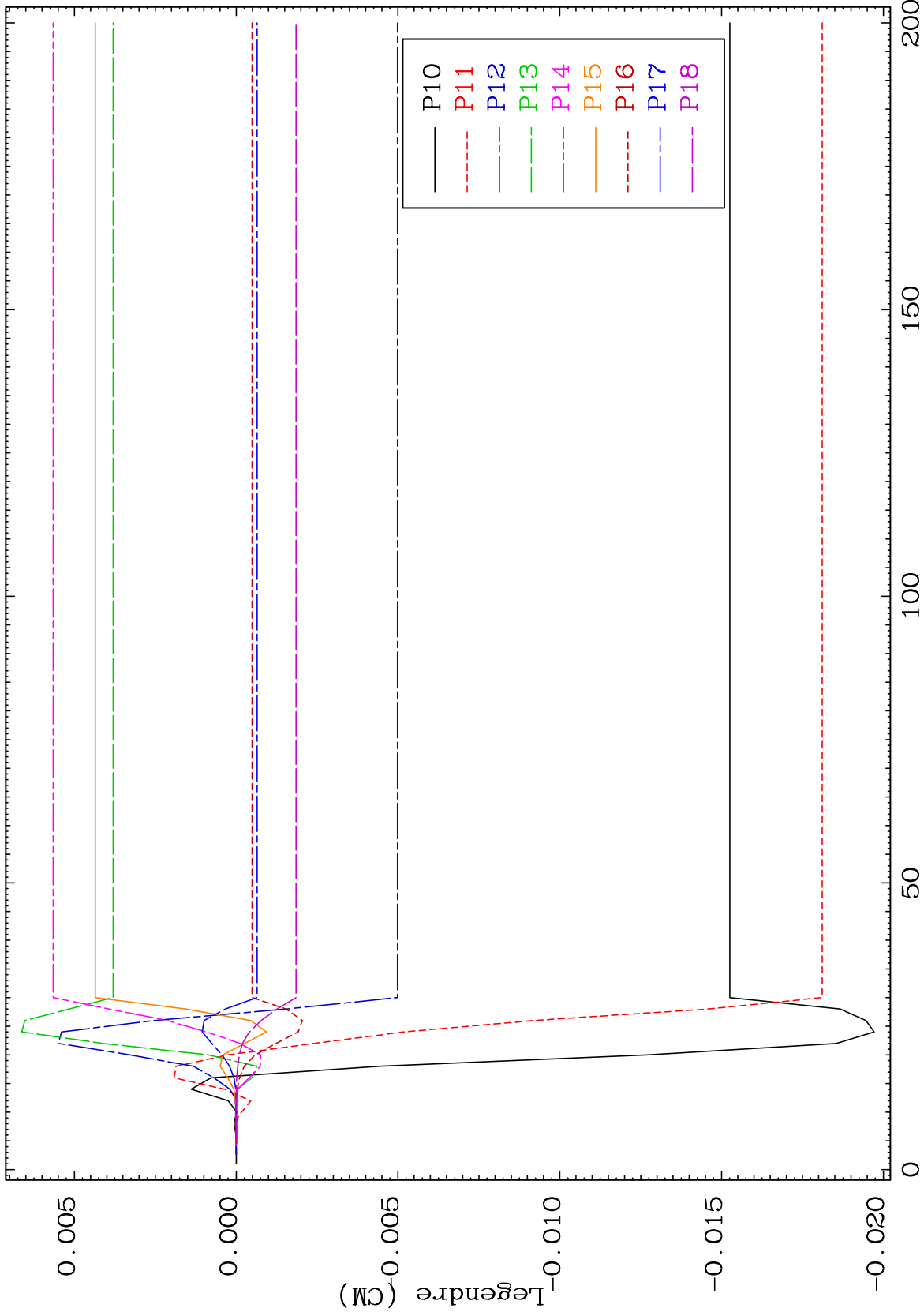
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



82

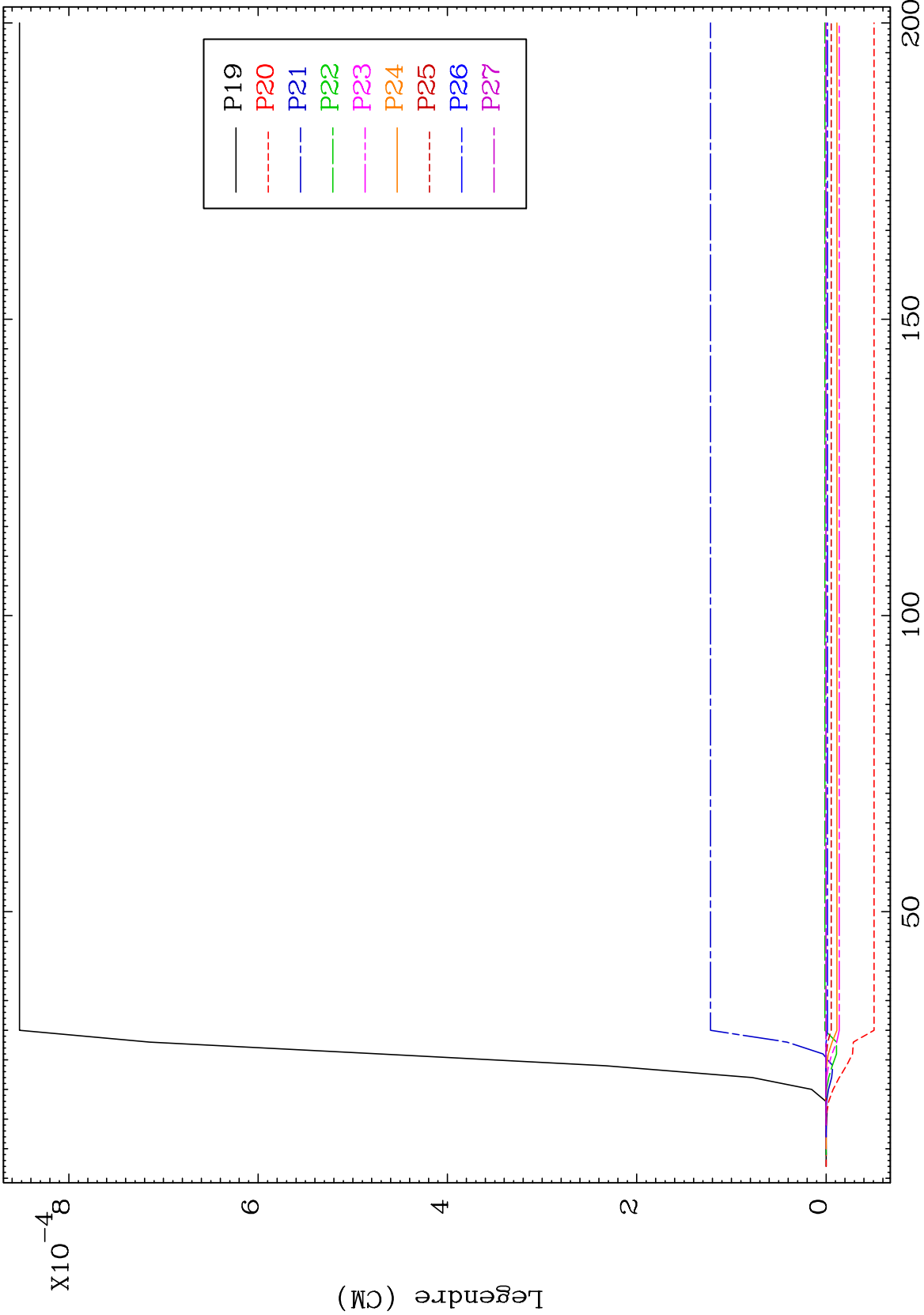
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



83

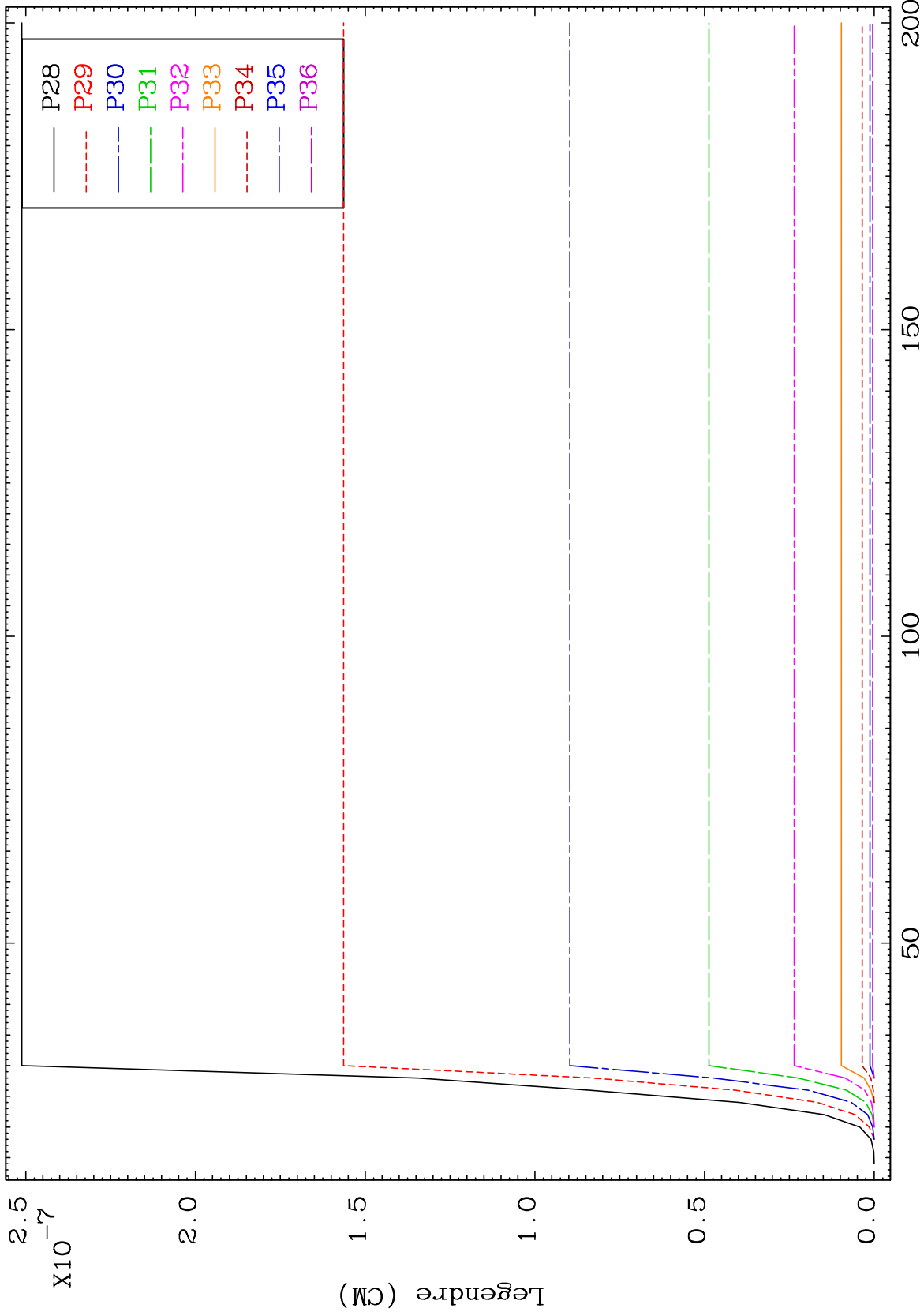
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



84

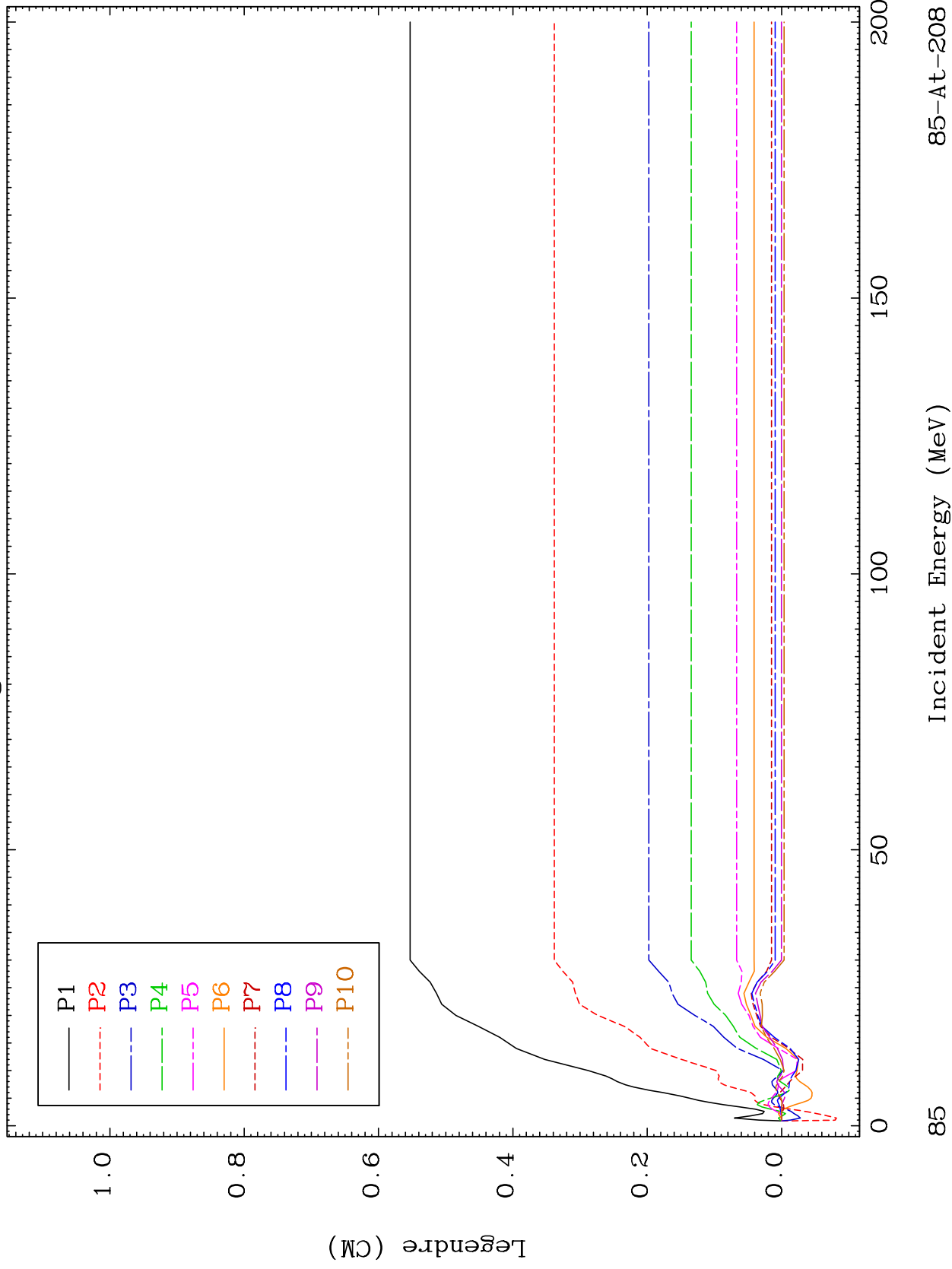
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



85-At-208

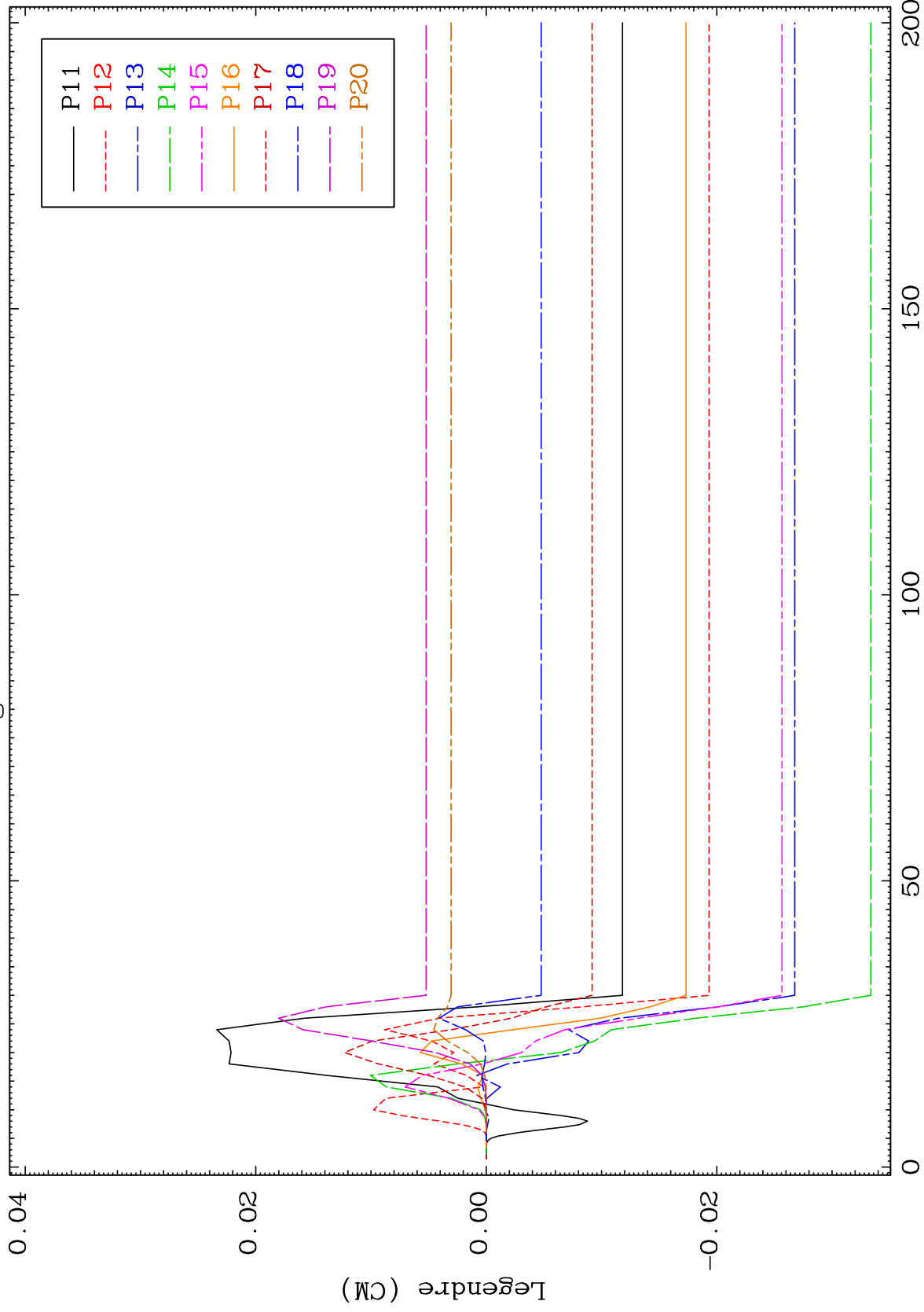
Incident Energy (MeV)

85

MAT 8540

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

85-At-208



86

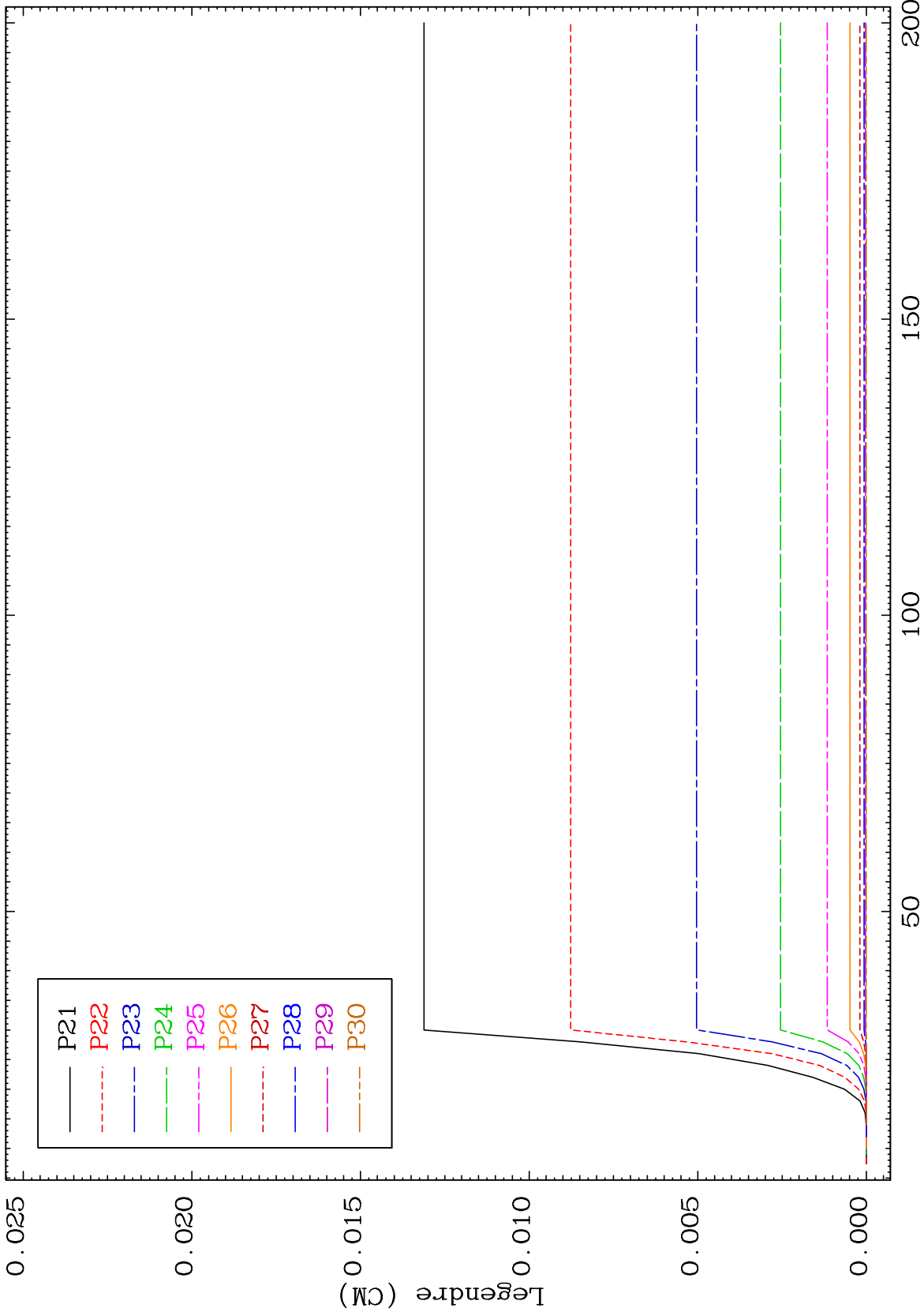
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



87

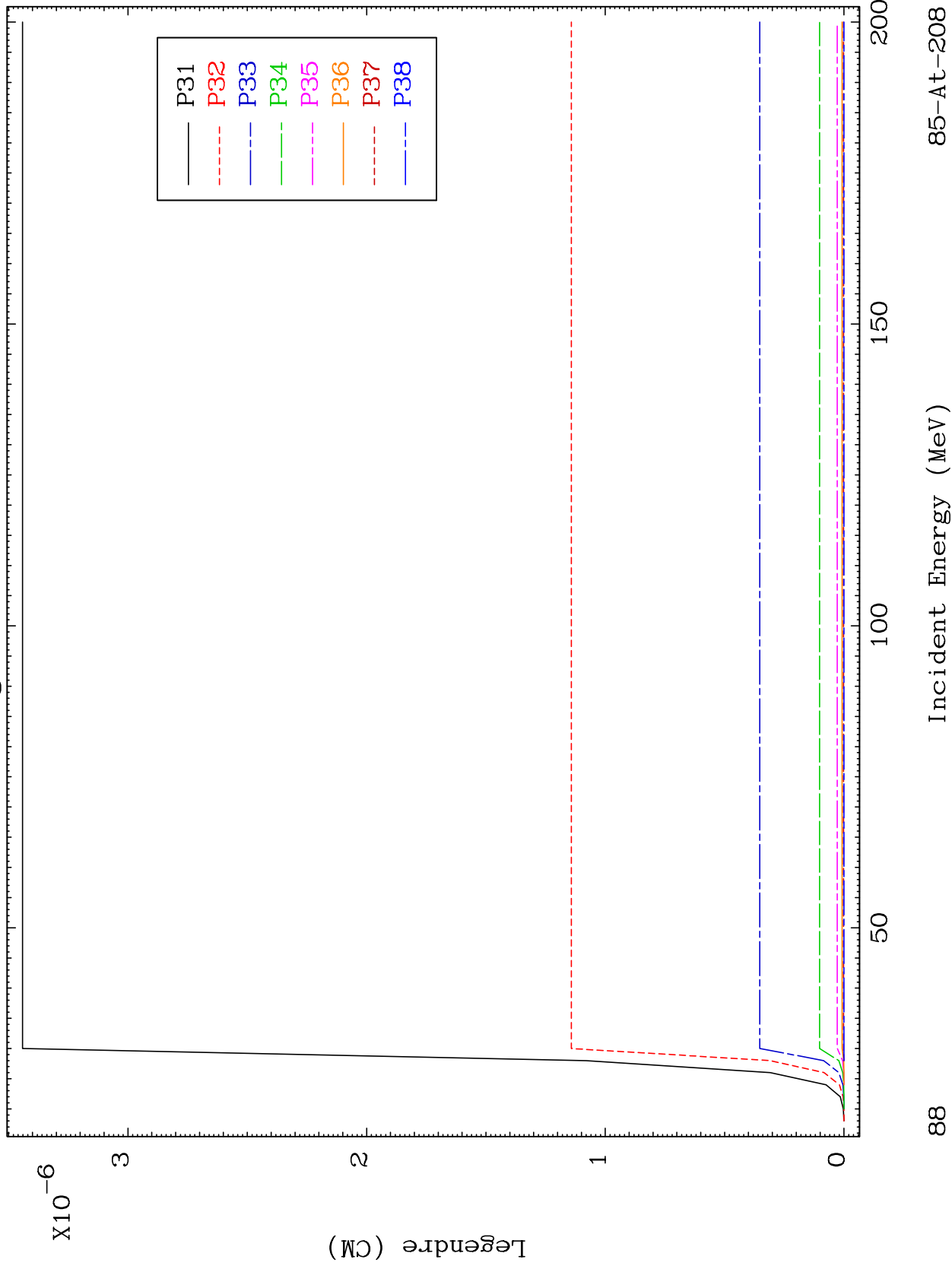
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208

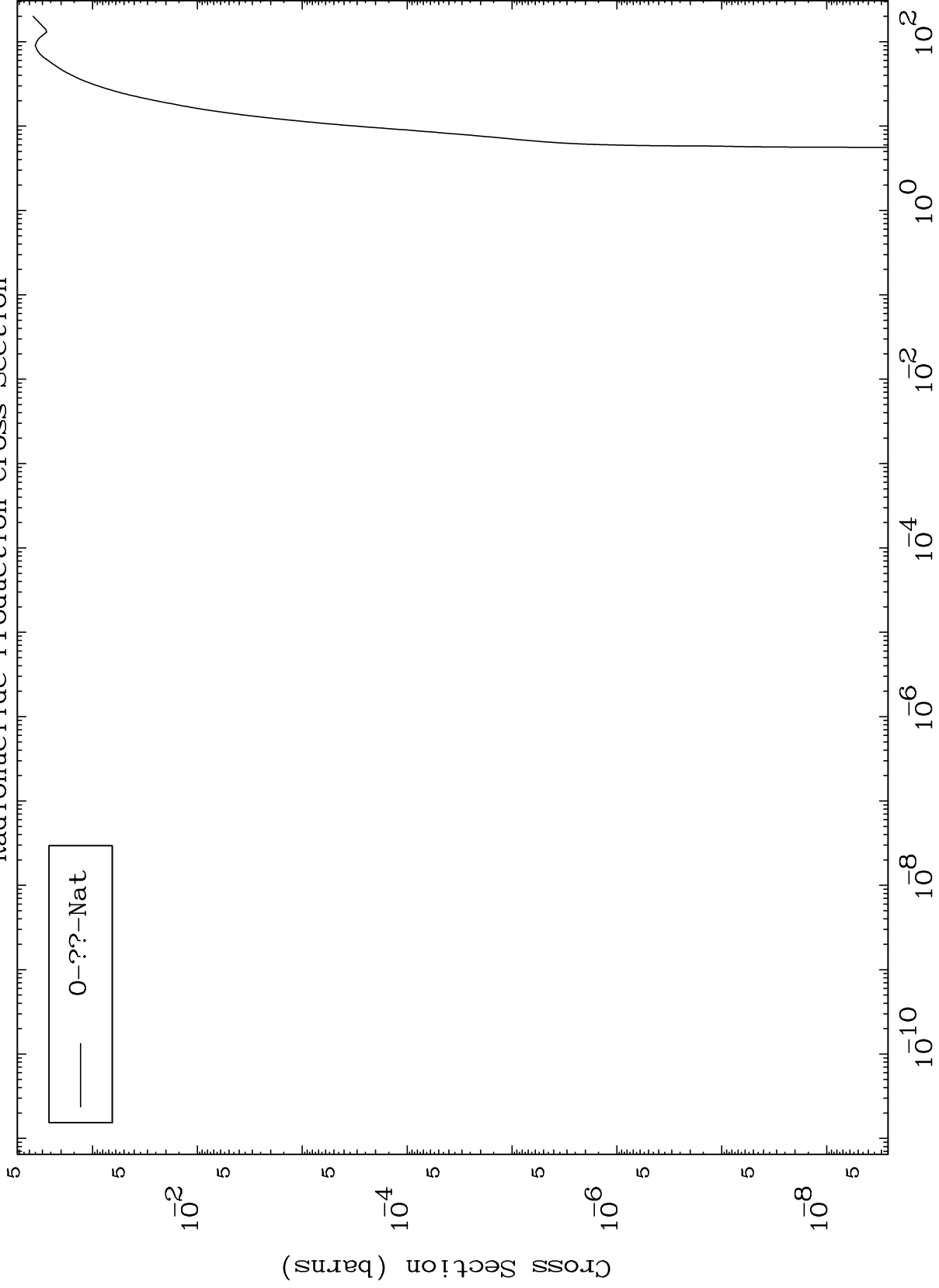


MAT 8540

Fission

85-At-208

Radionuclide Production Cross Section



89

Incident Energy (MeV)

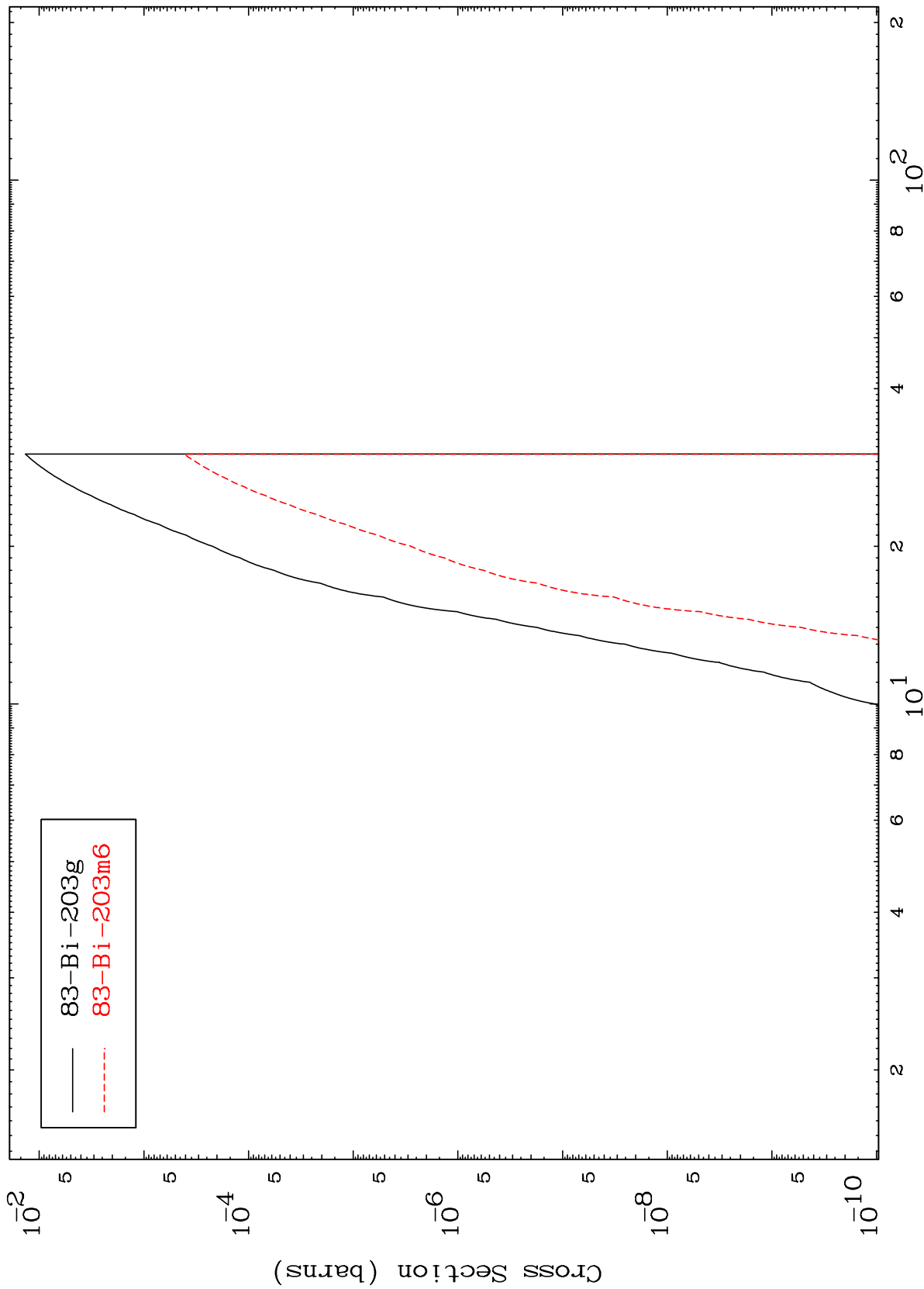
85-At-208

MAT 8540

(n,2n) α

85-At-208

Radionuclide Production Cross Section



83-Bi-203g
83-Bi-203m6

90

Incident Energy (MeV)

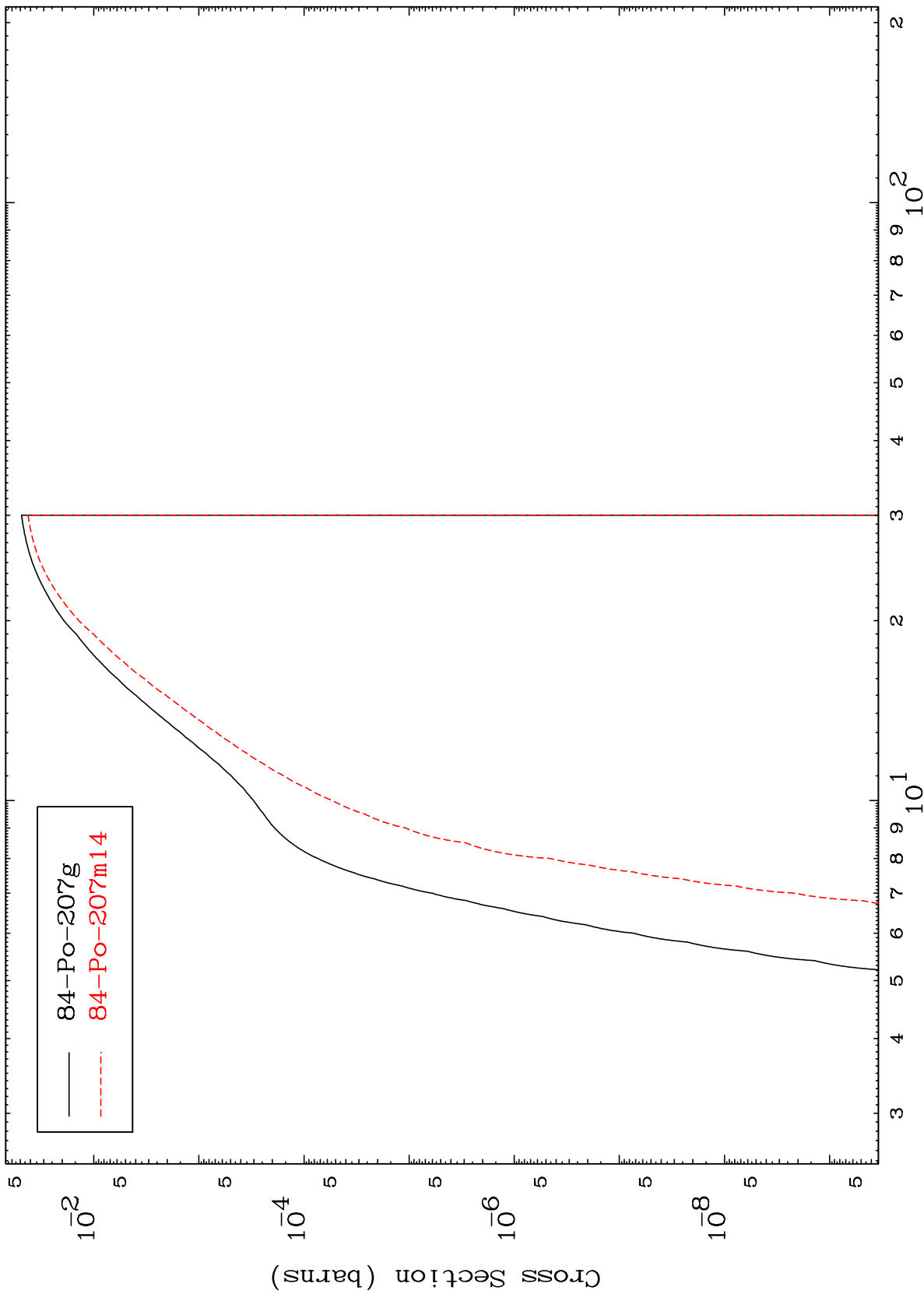
85-At-208

MAT 8540

(n,n') p

85-At-208

Radionuclide Production Cross Section



84-Po-207g
84-Po-207m14

Incident Energy (MeV)

85-At-208

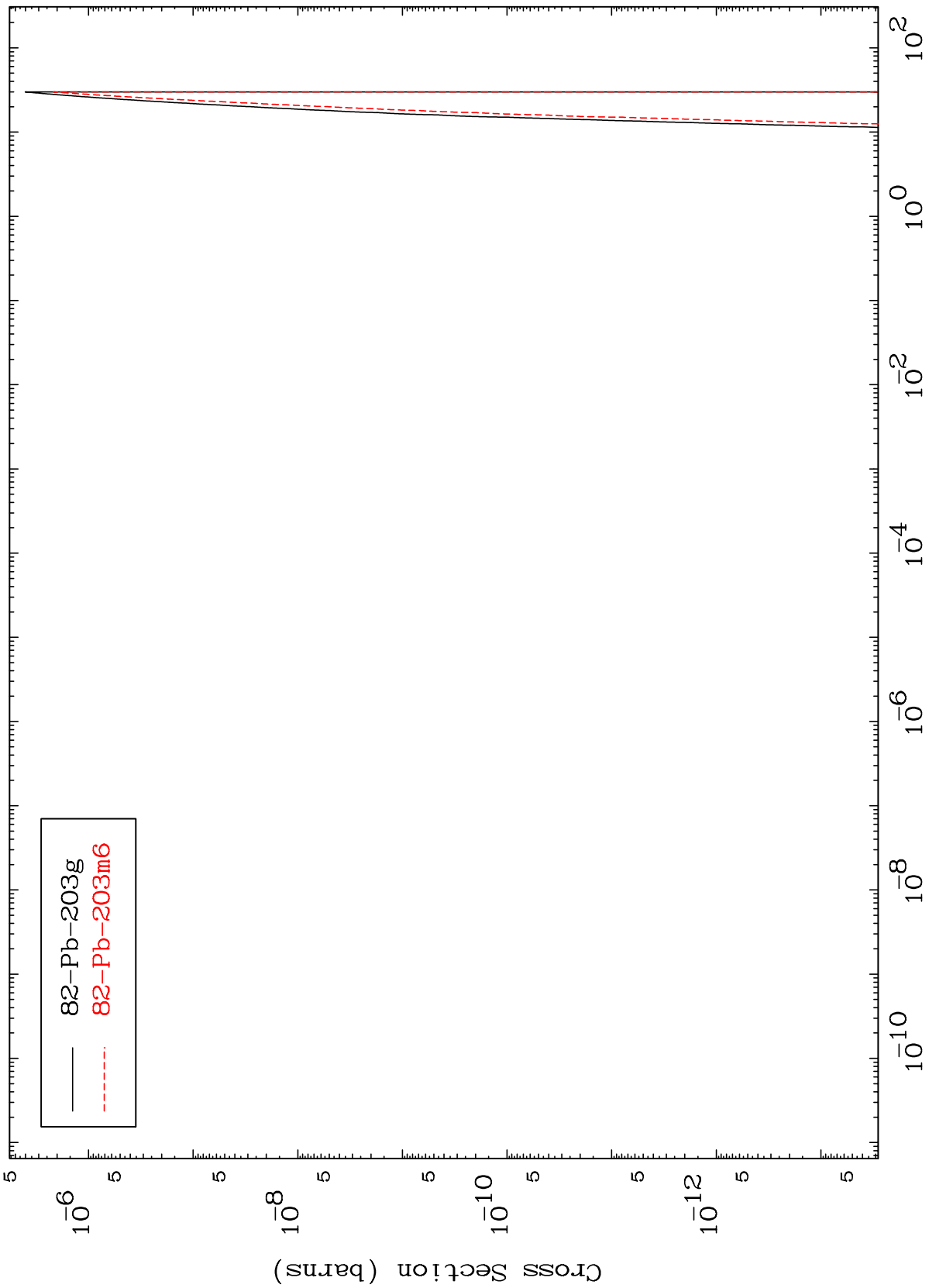
91

MAT 8540

(n,n') p α

85-At-208

Radionuclide Production Cross Section

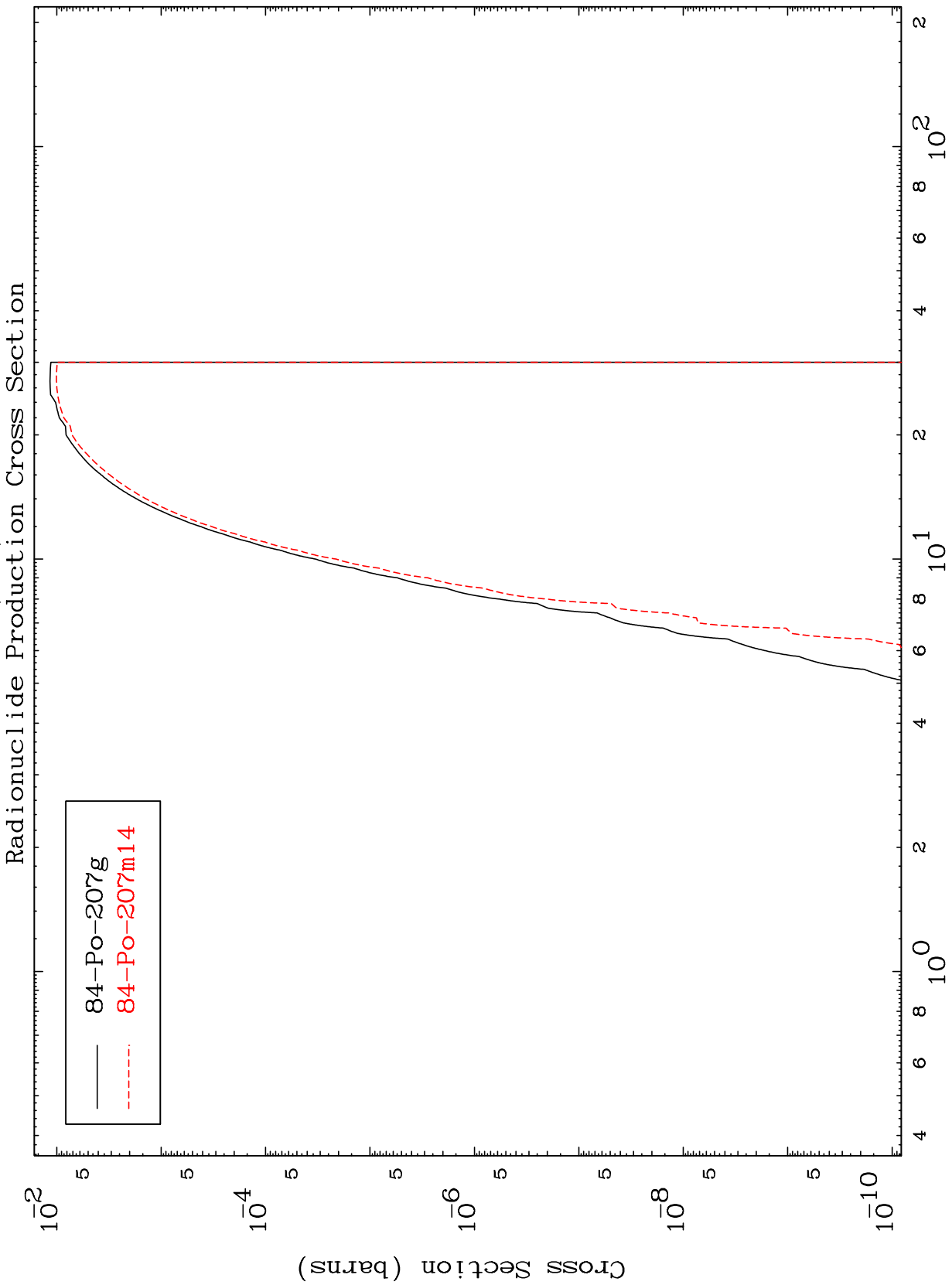


82-Pb-203g
82-Pb-203m6

MAT 8540

(n,d)

85-At-208



93

Incident Energy (MeV)

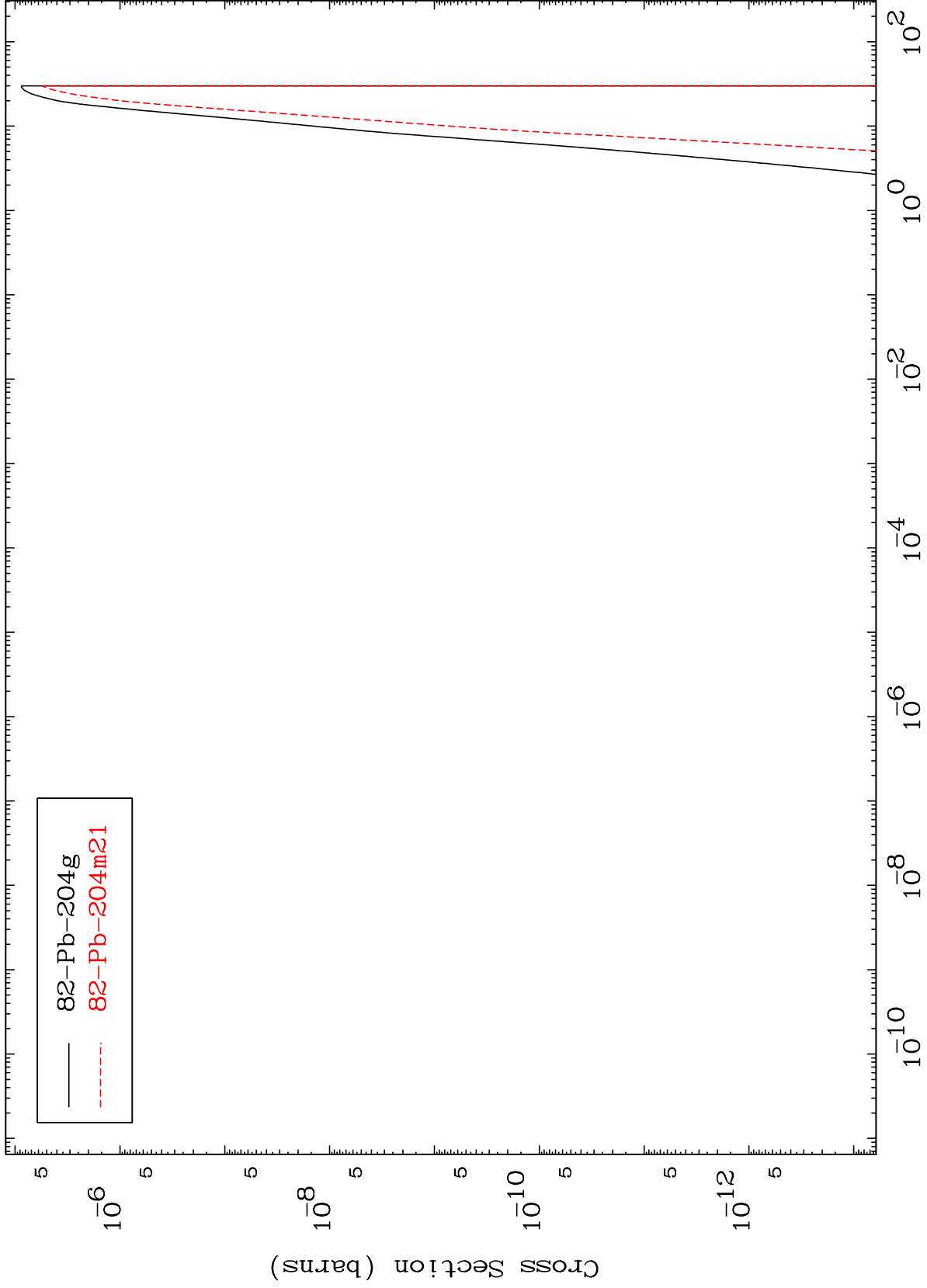
85-At-208

MAT 8540

(n,p) α

85-At-208

Radionuclide Production Cross Section



94

Incident Energy (MeV)

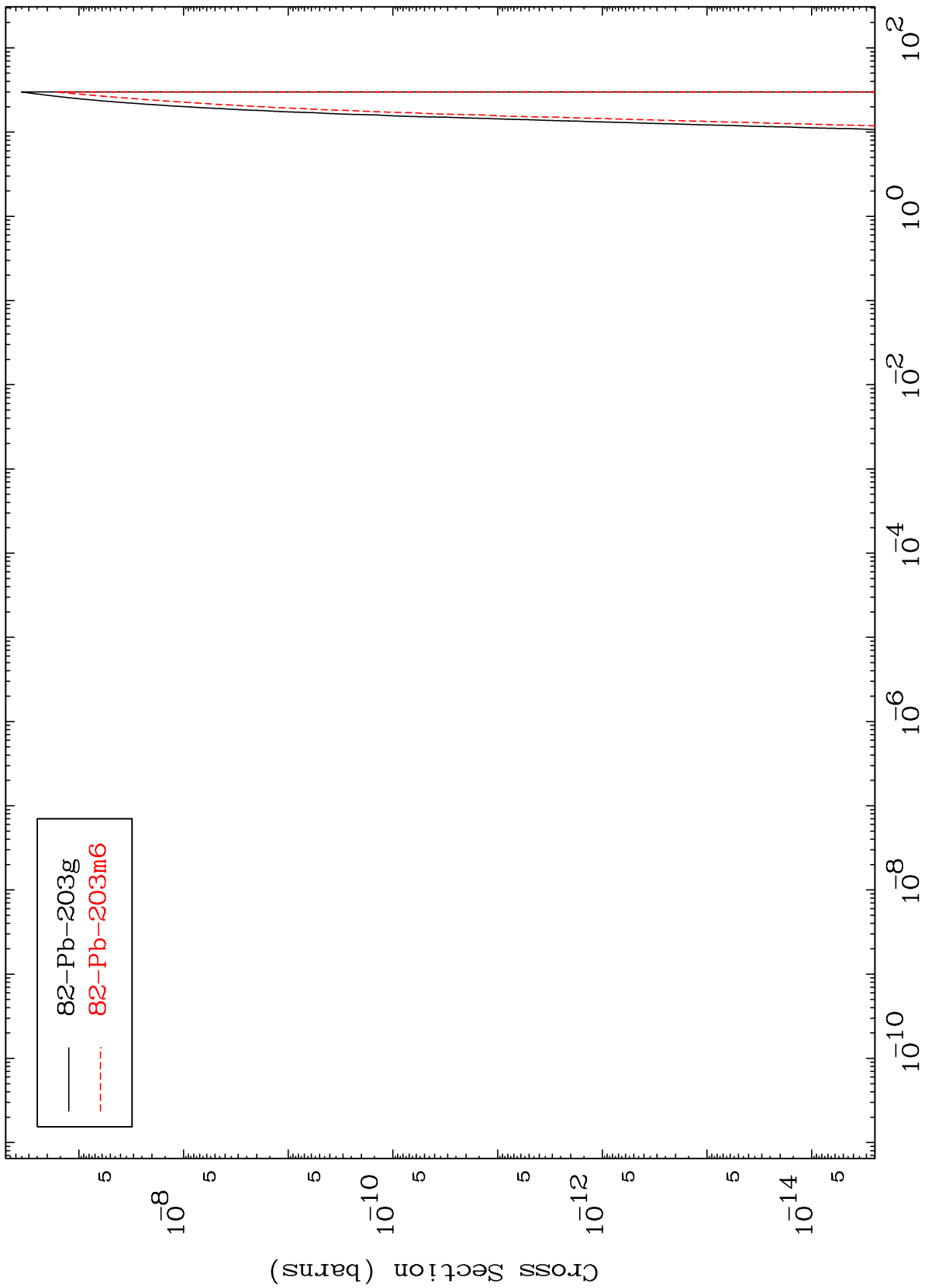
85-At-208

MAT 8540

(n,d) α

85-At-208

Radionuclide Production Cross Section



82-Pb-203g
82-Pb-203m6