

Program EVALPLOT
(Version 2021-1)

by

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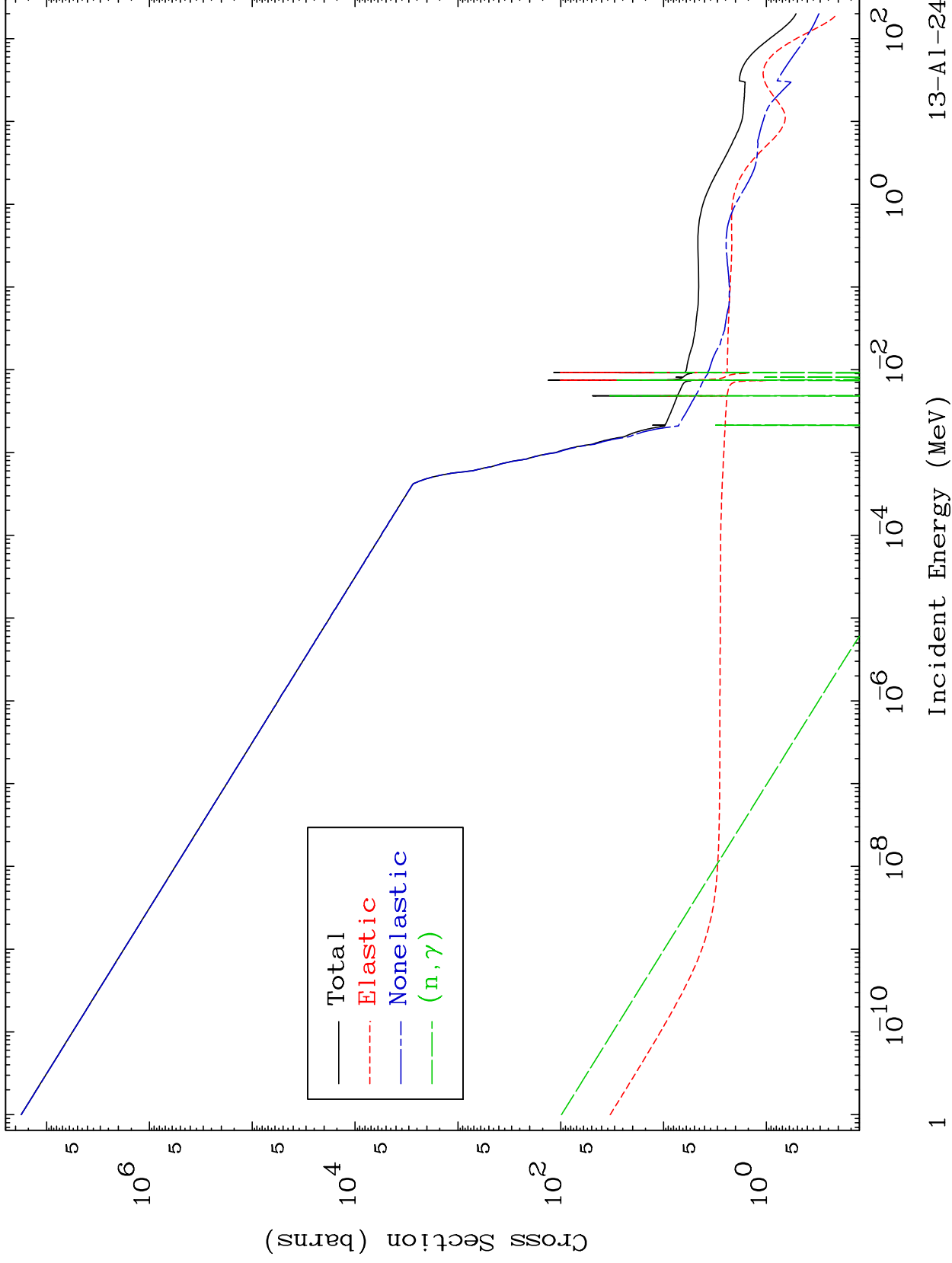
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Press Mouse Button to Start

MAT 1316

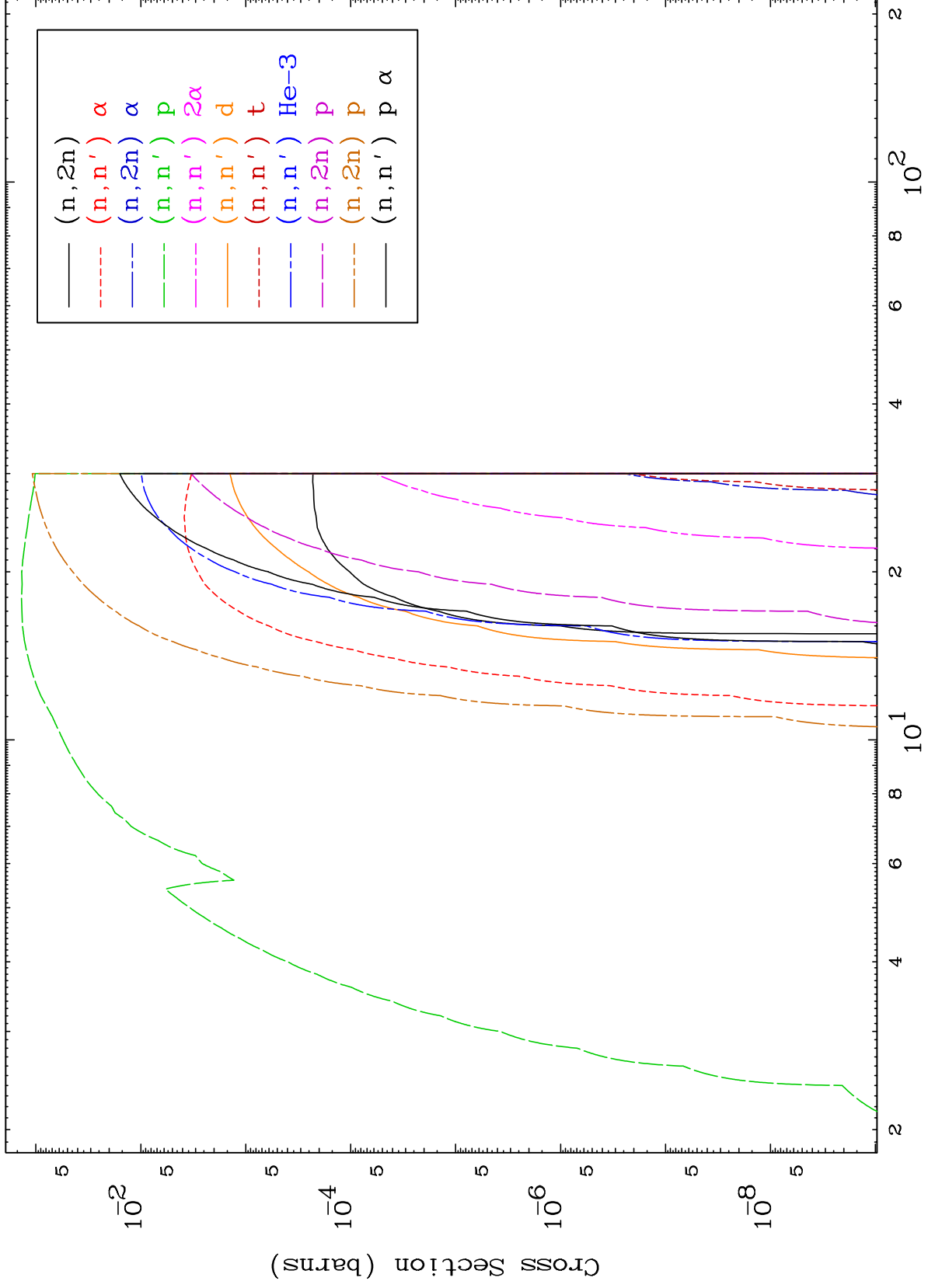
Neutron Major
293 Kelvin Cross Sections

13-Al-24



1

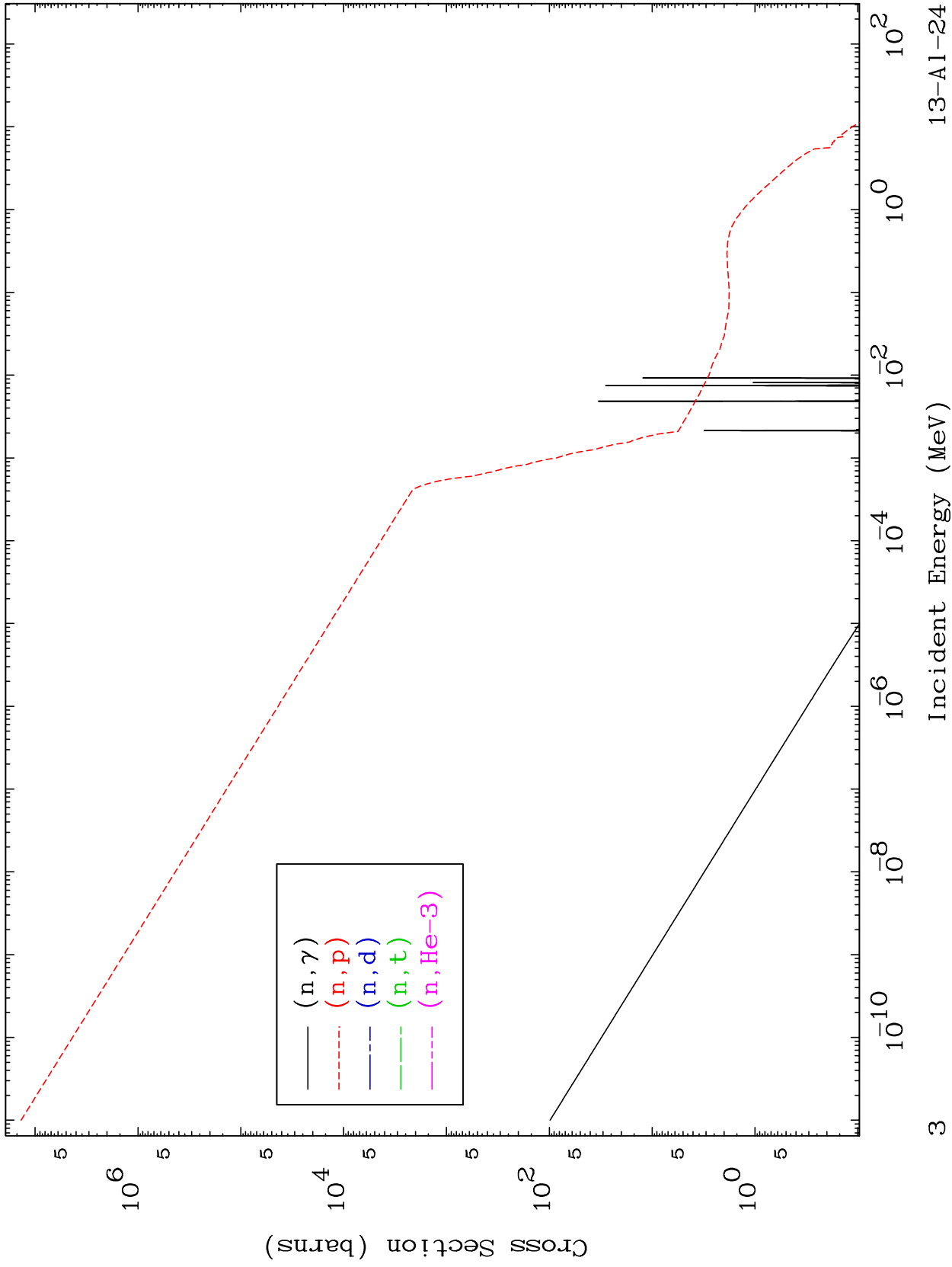
13-Al-24

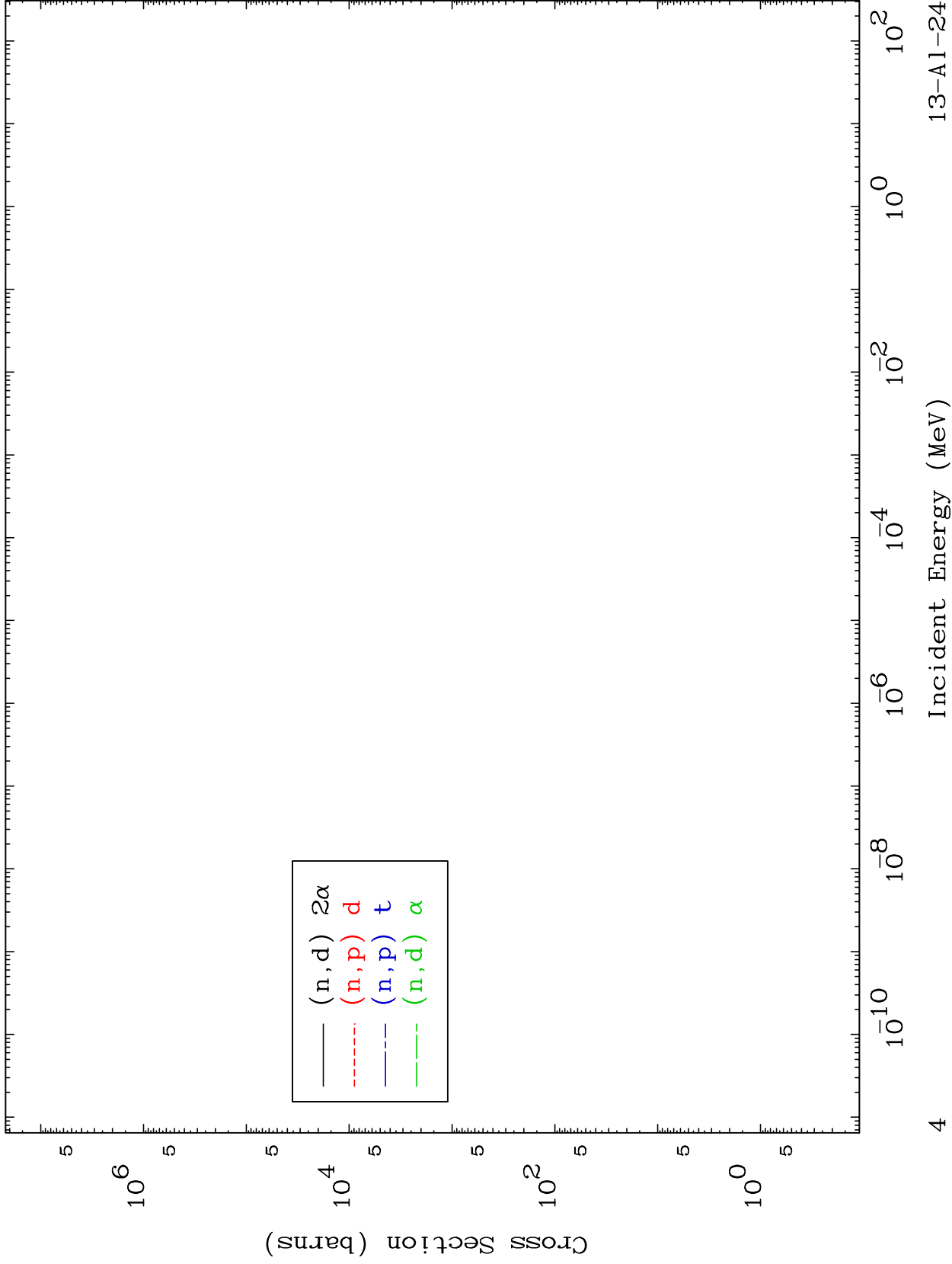


MAT 1316

Neutron Absorption
293 Kelvin Cross Sections

13-Al-24

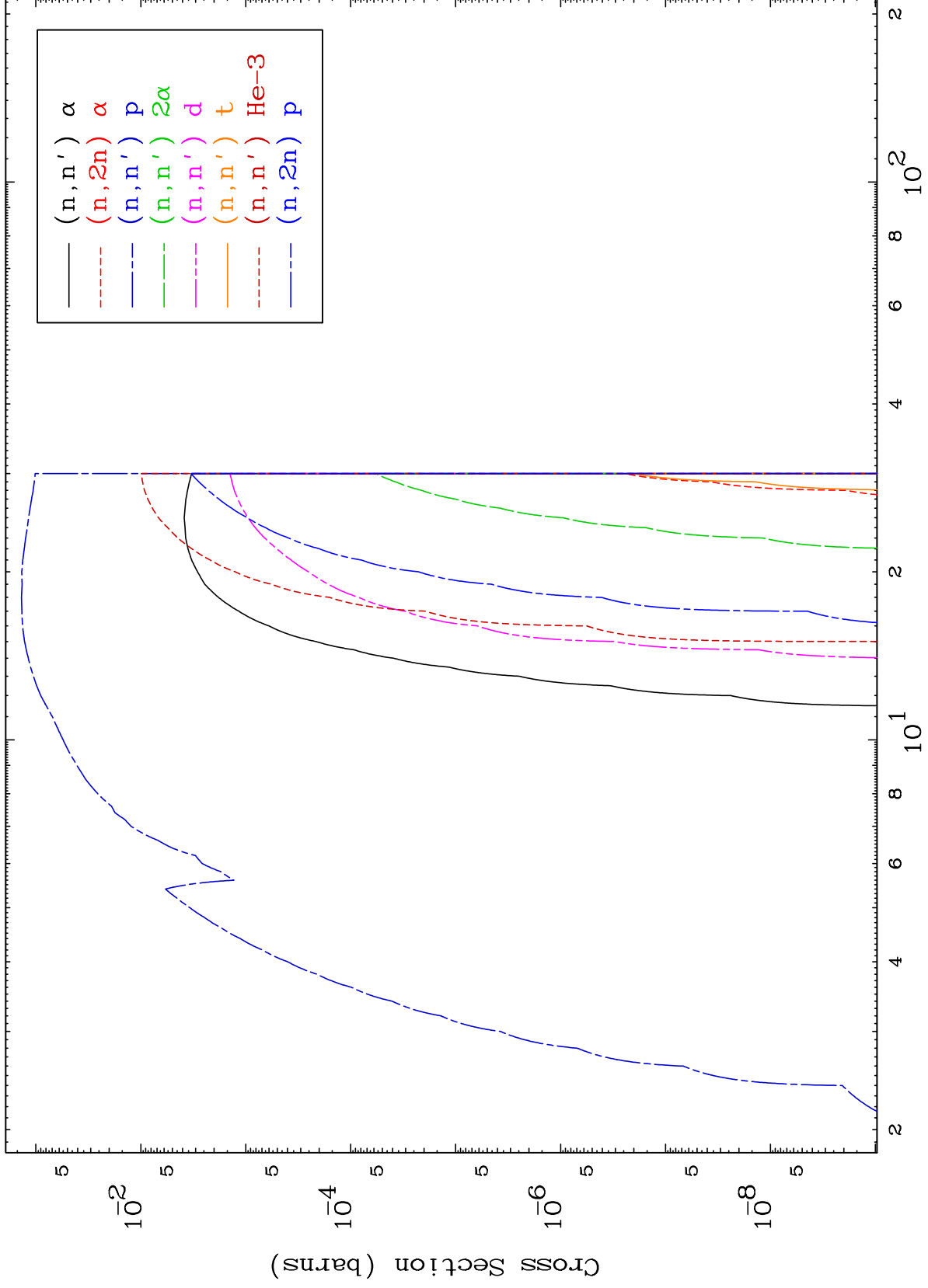




MAT 1316

Charged Particle
293 Kelvin Cross Sections

13-Al-24



5

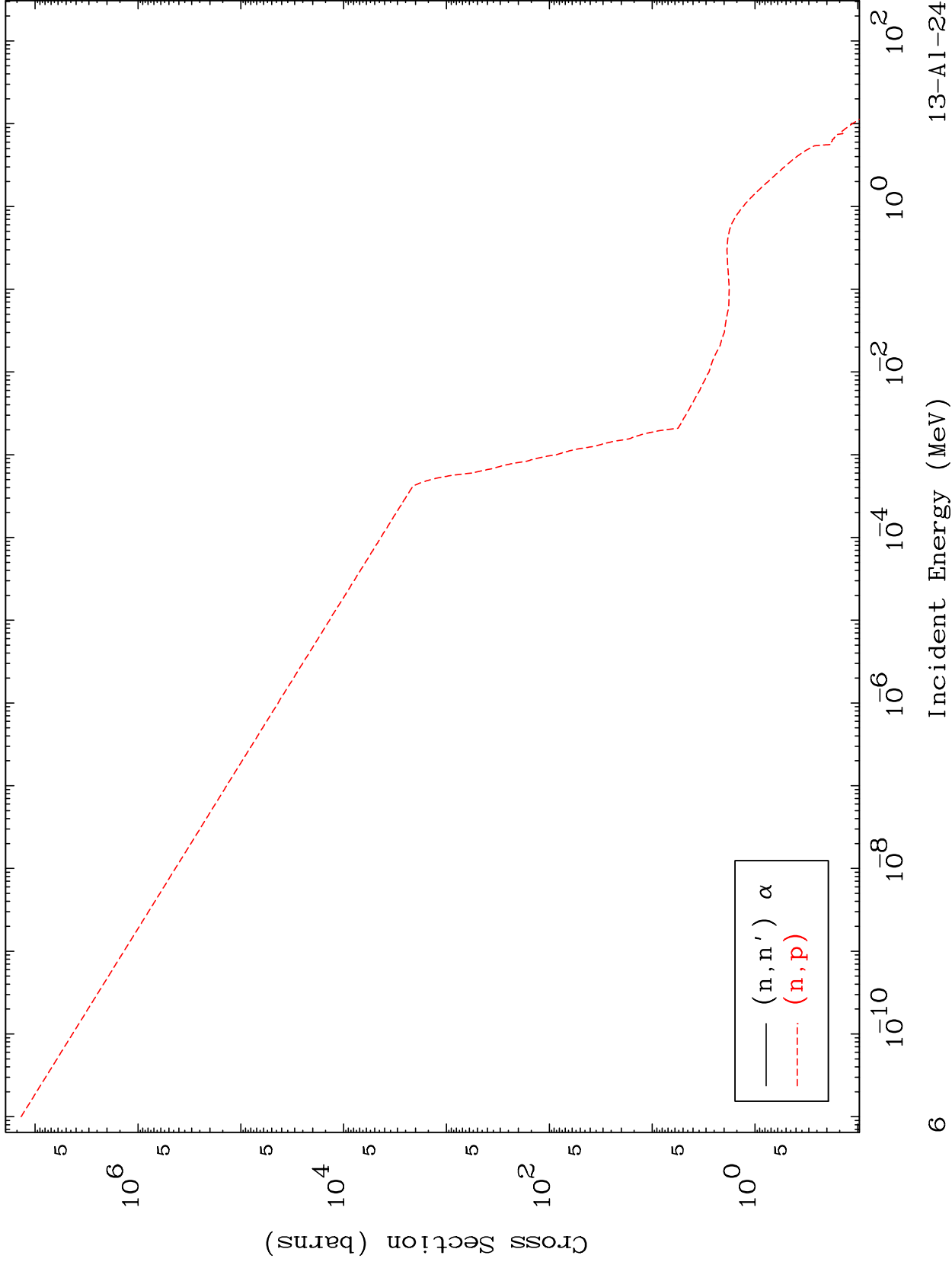
Incident Energy (MeV)

13-Al-24

MAT 1316

Charged Particle
293 Kelvin Cross Sections

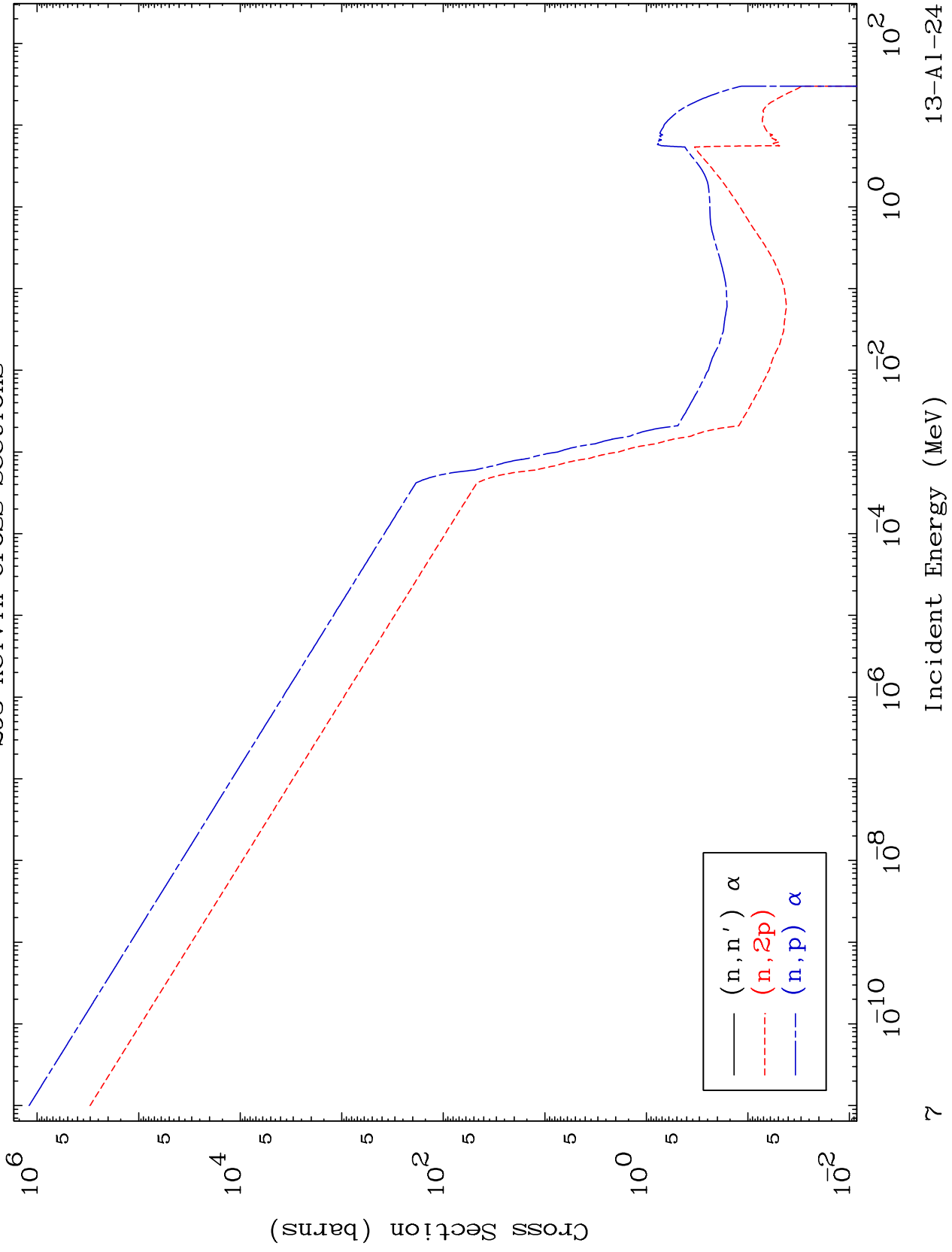
13-Al-24



MAT 1316

Charged Particle
293 Kelvin Cross Sections

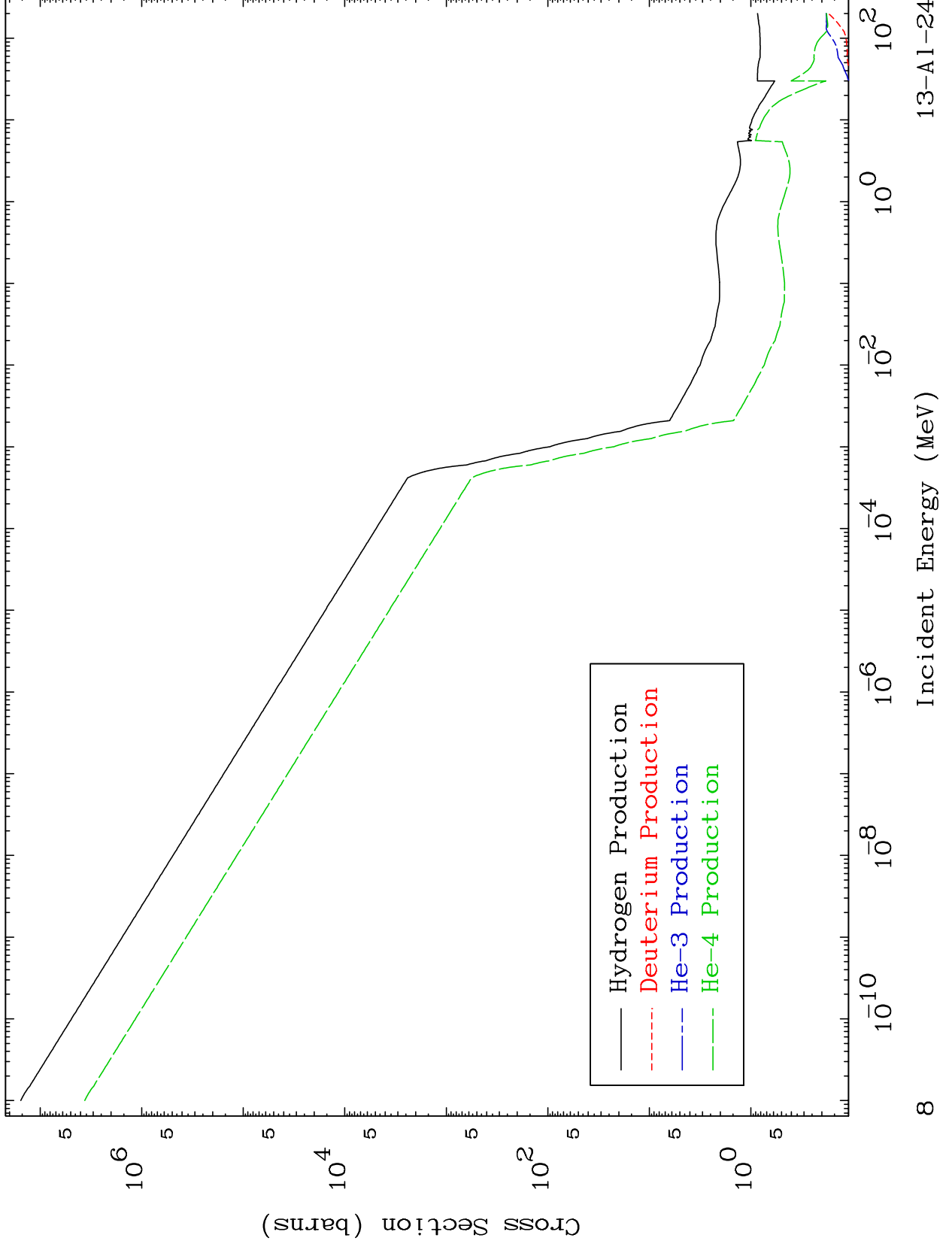
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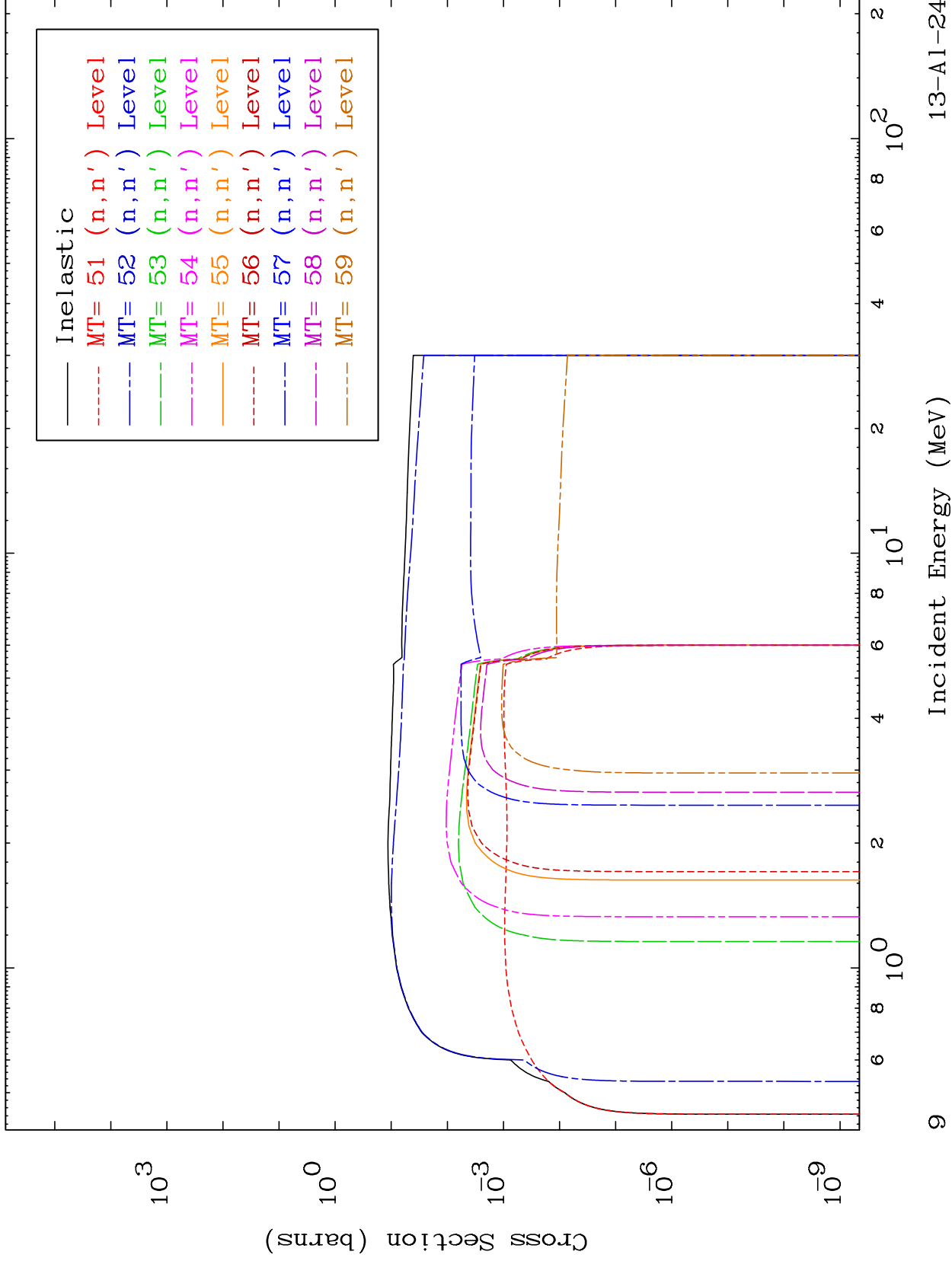
MAT 1316

Particle Production
293 Kelvin Cross Sections

13-A1-24



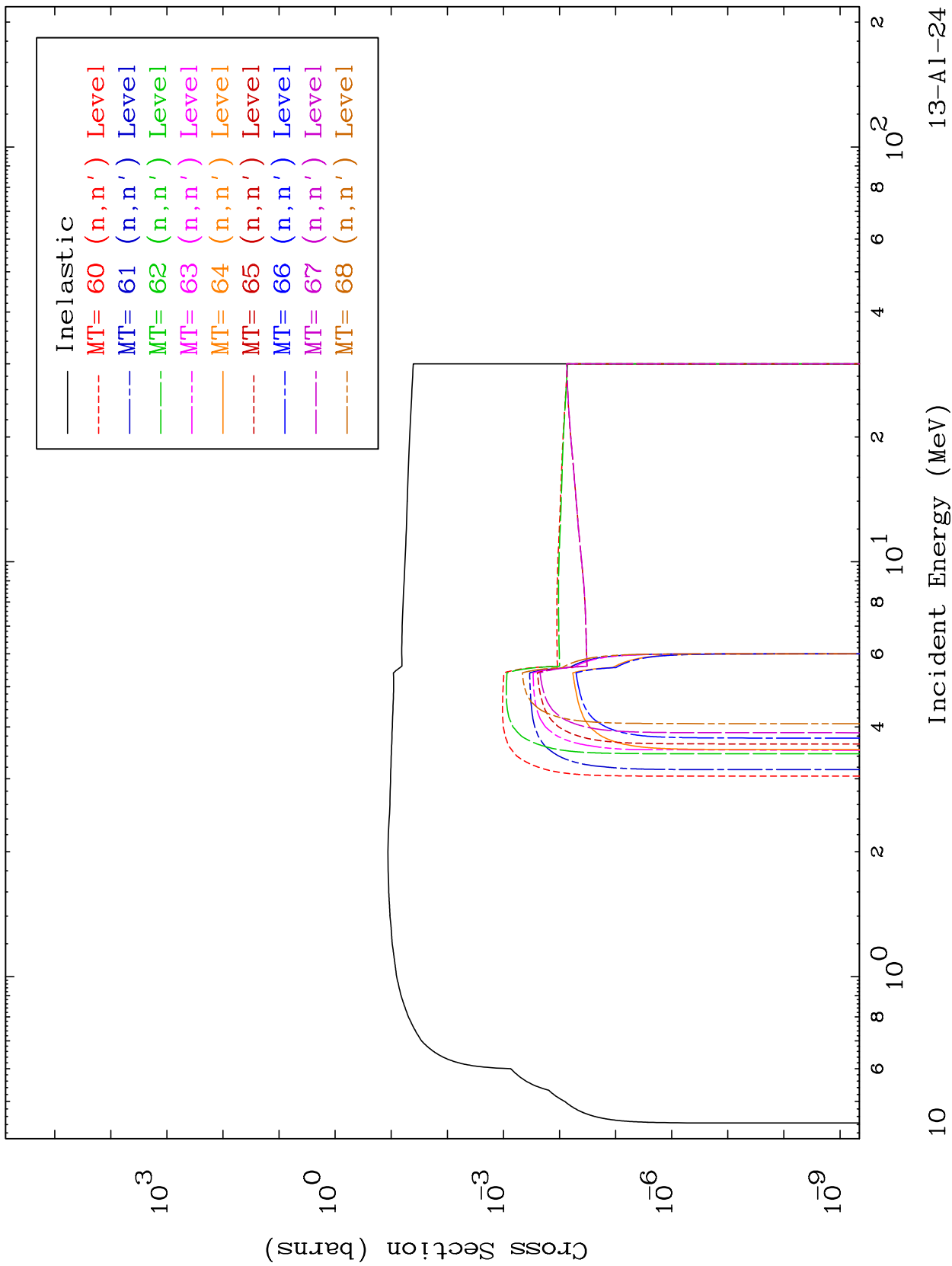
293 Kelvin Cross Sections



MAT 1316

(n,n') Levels
293 Kelvin Cross Sections

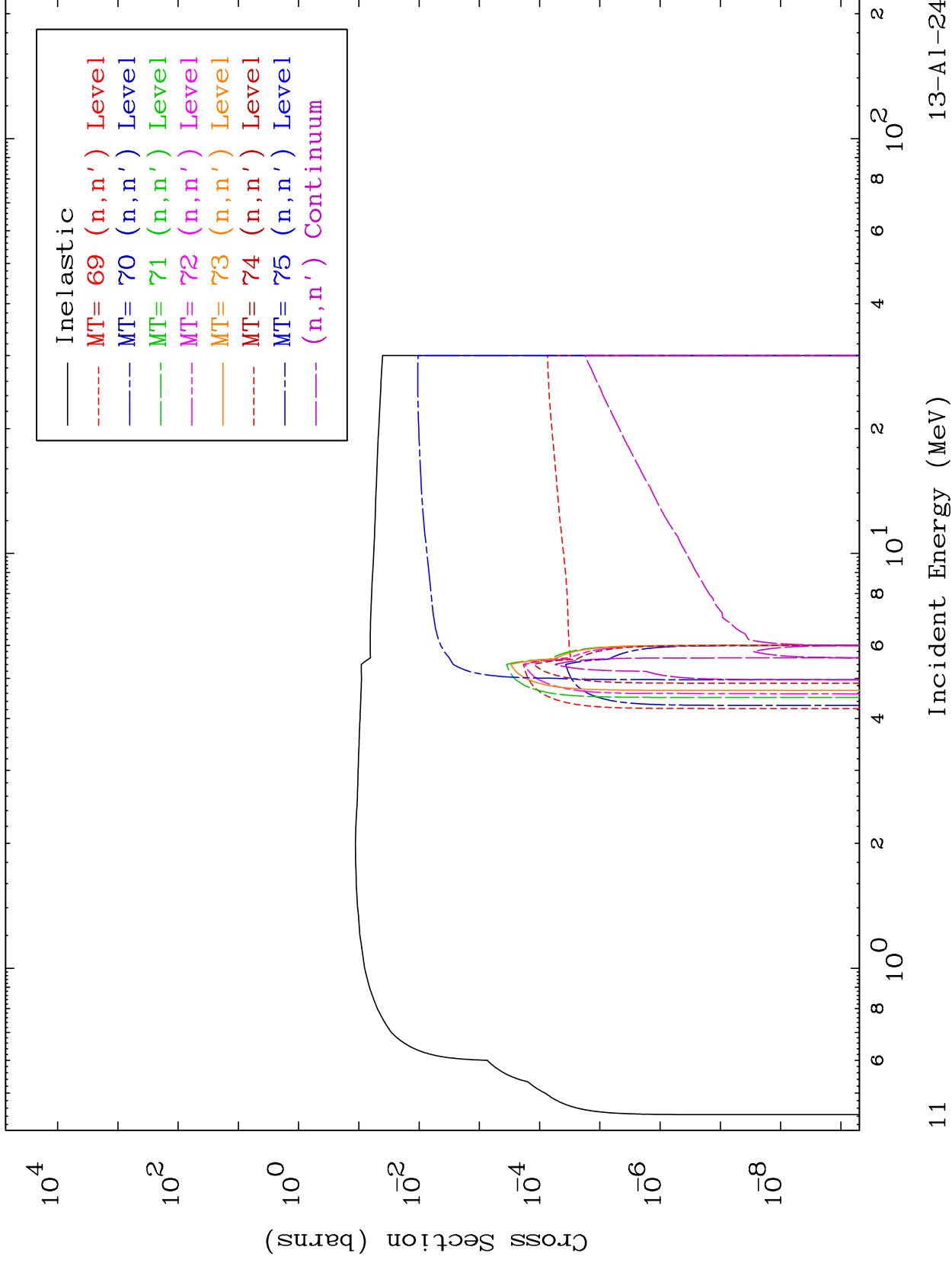
13-Al-24



10

Incident Energy (MeV)

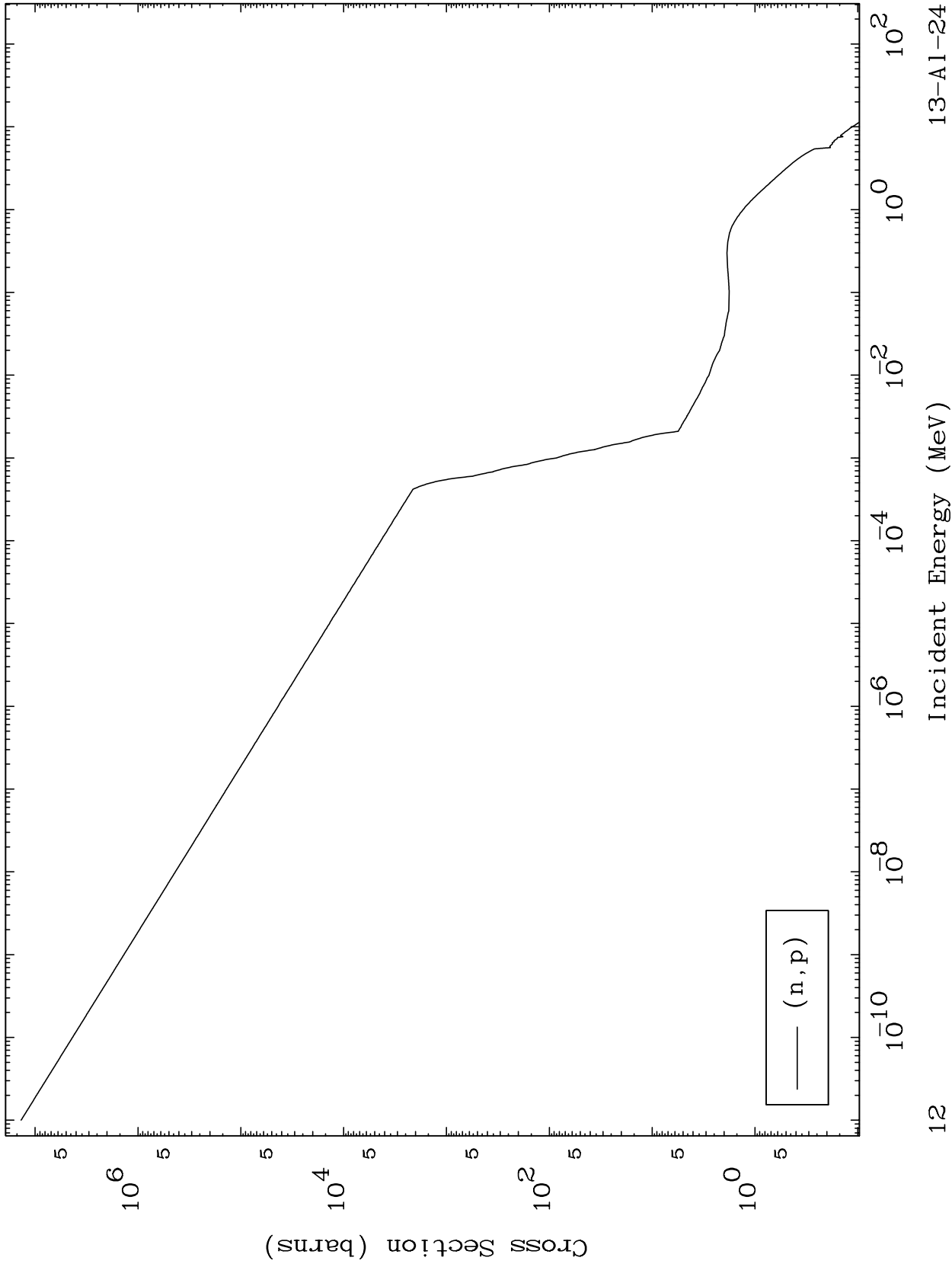
13-Al-24



MAT 1316

(n,p) Levels
293 Kelvin Cross Sections

13-Al-24



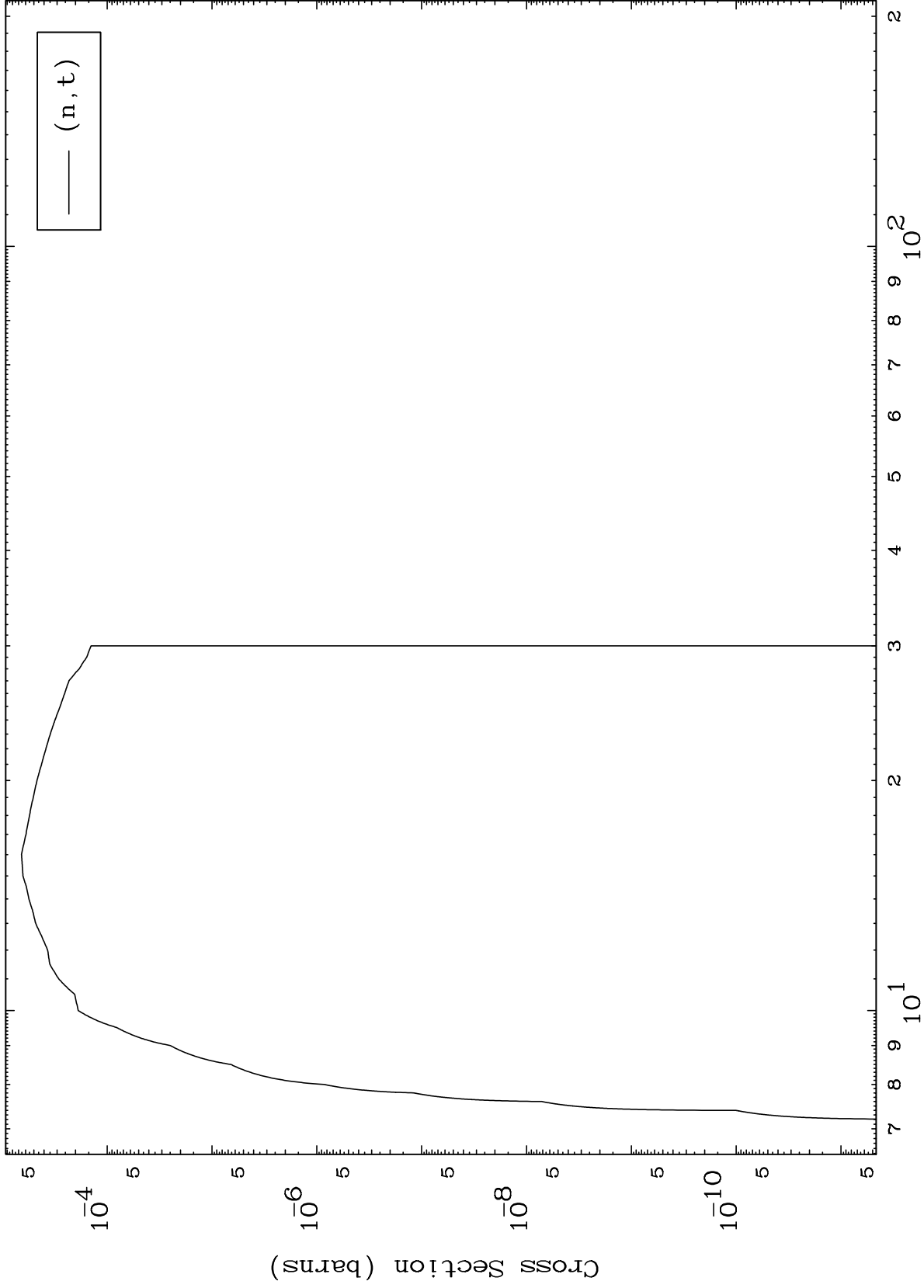
12

13-Al-24

MAT 1316

(n,t) Levels
293 Kelvin Cross Sections

13-Al-24



14

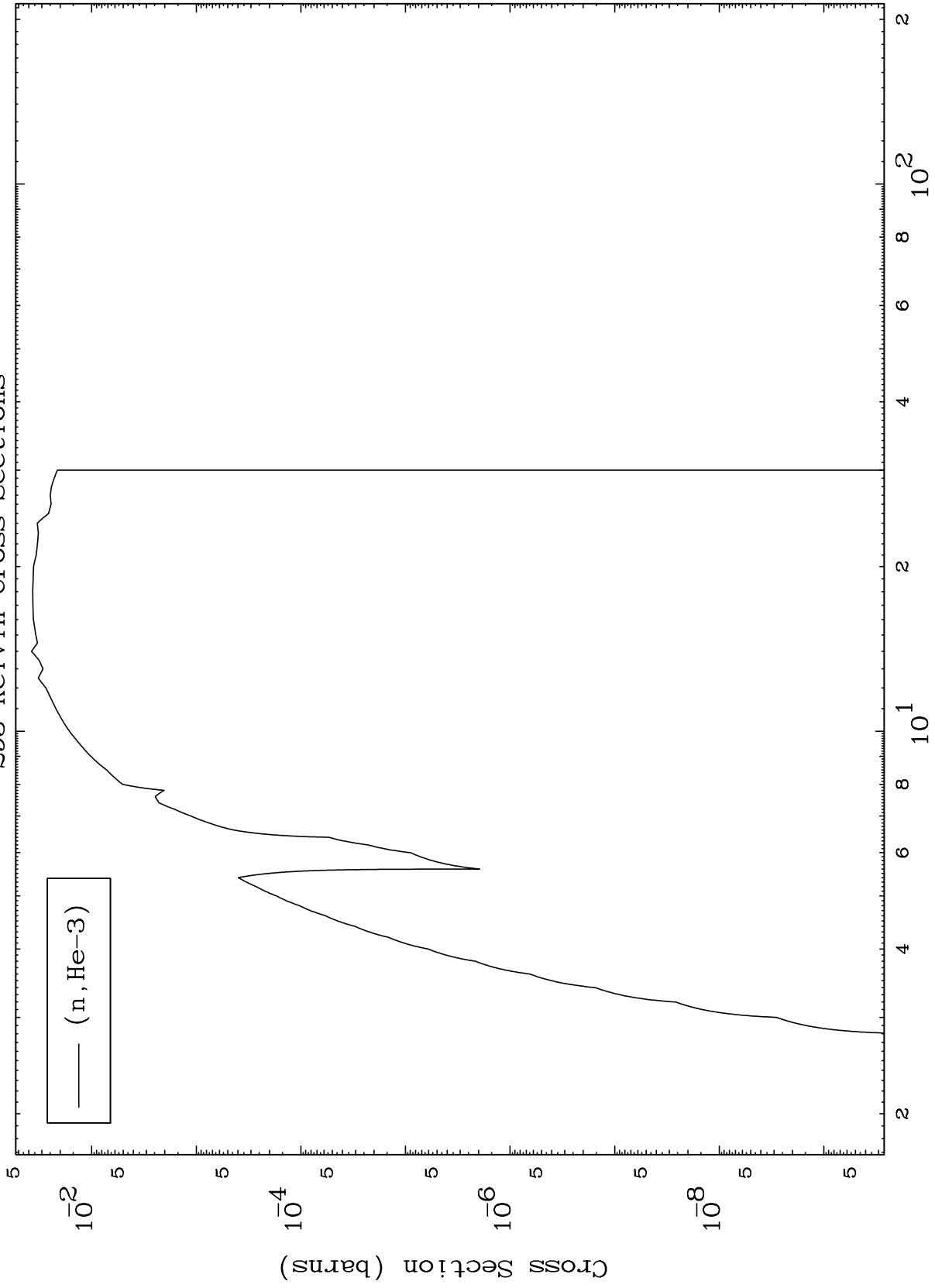
Incident Energy (MeV)

13-Al-24

MAT 1316

(n,He3) Levels
293 Kelvin Cross Sections

13-Al-24



15

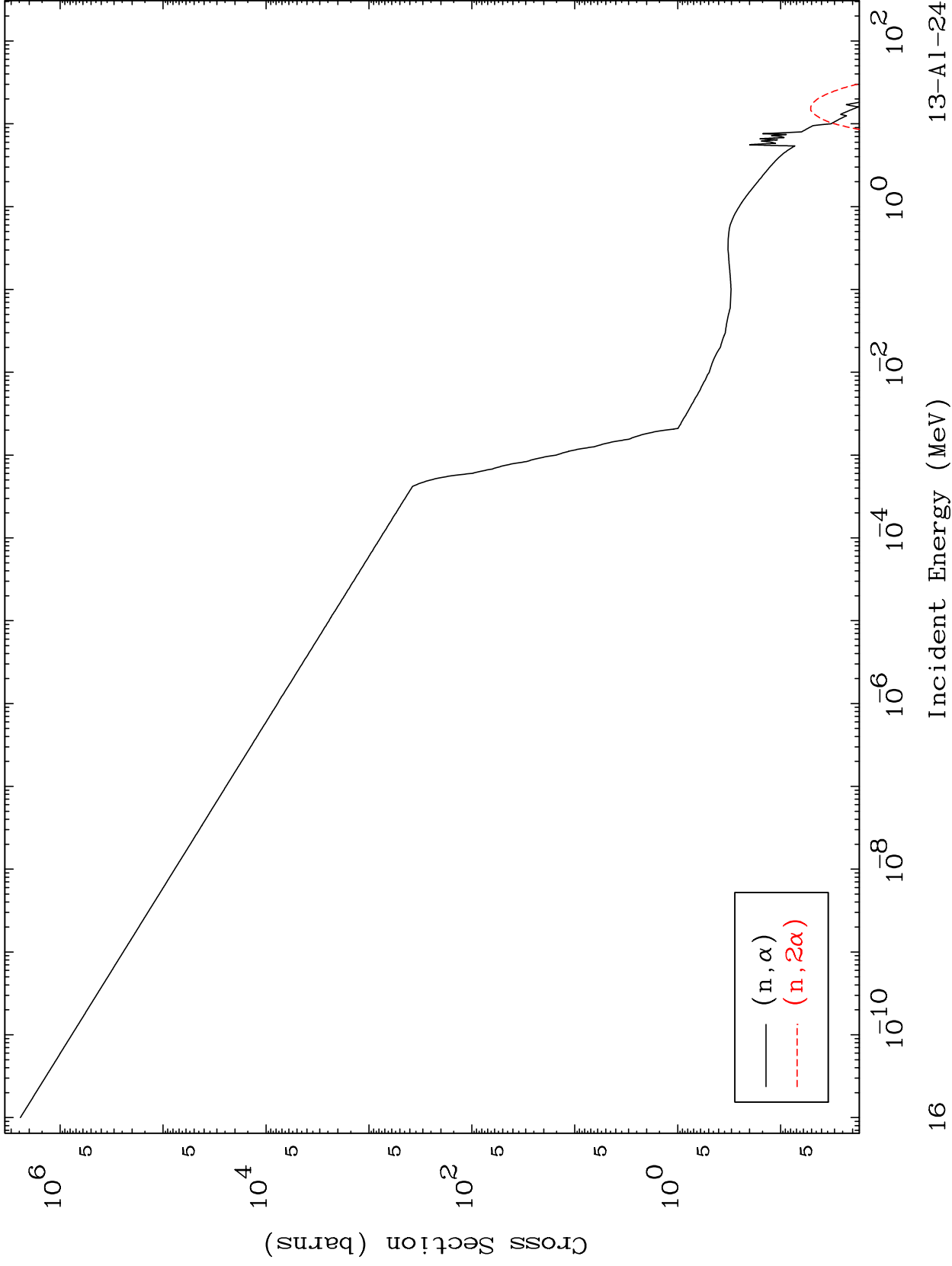
Incident Energy (MeV)

13-Al-24

MAT 1316

(n,α) Levels
293 Kelvin Cross Sections

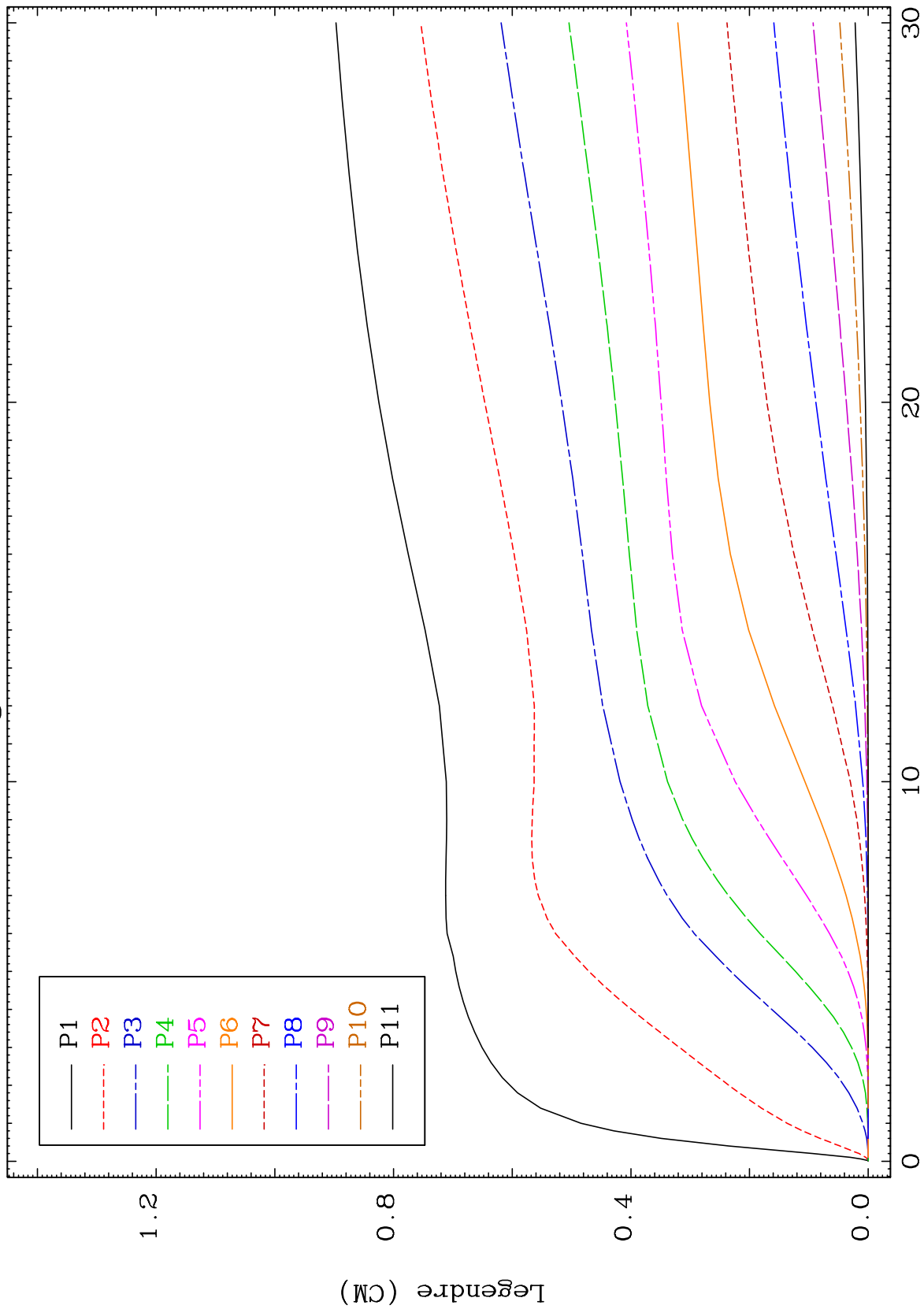
13-Al-24



MAT 1316

Elastic Legendre Coefficients

13-Al-24



17

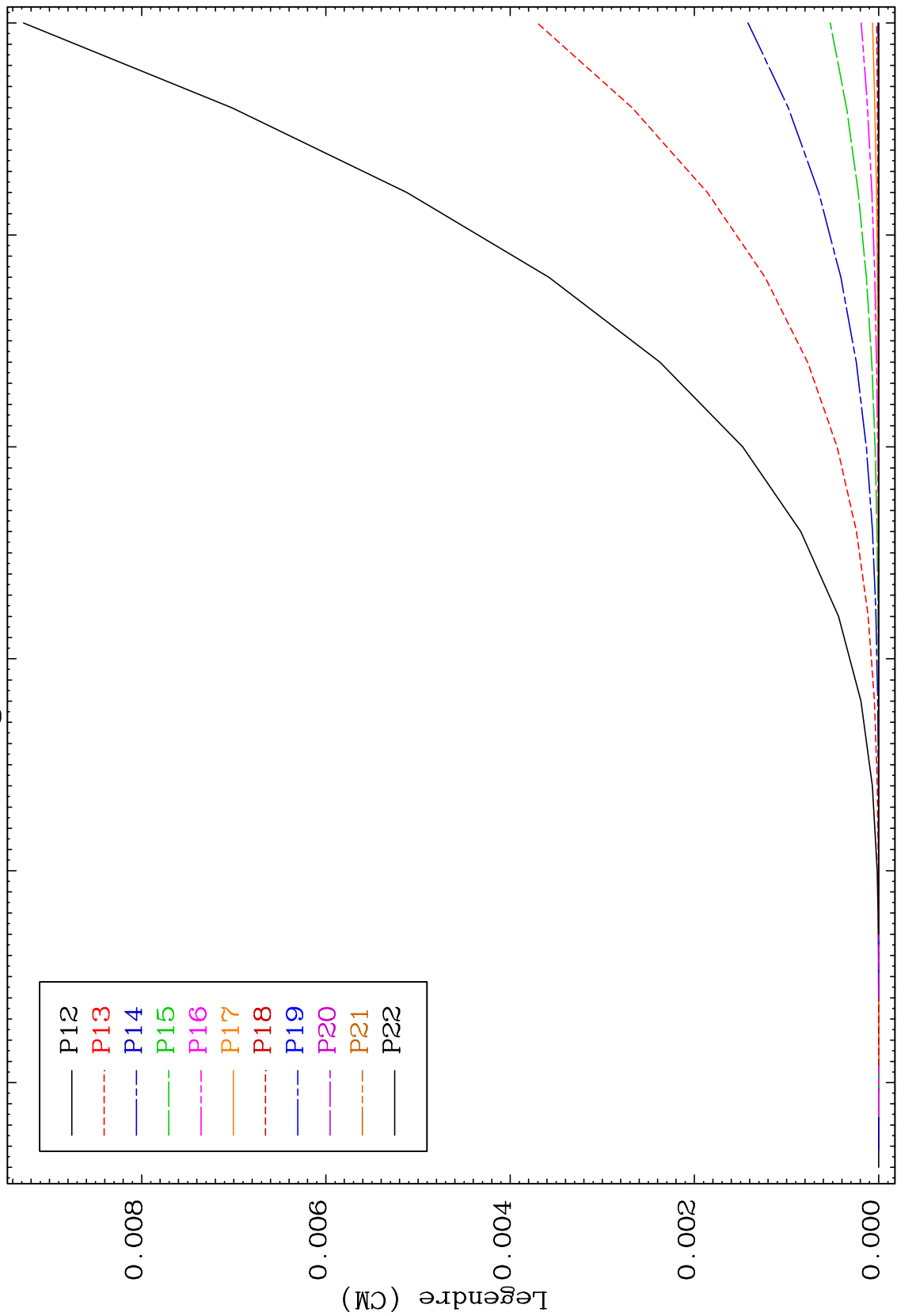
Incident Energy (MeV)

13-Al-24

MAT 1316

Elastic Legendre Coefficients

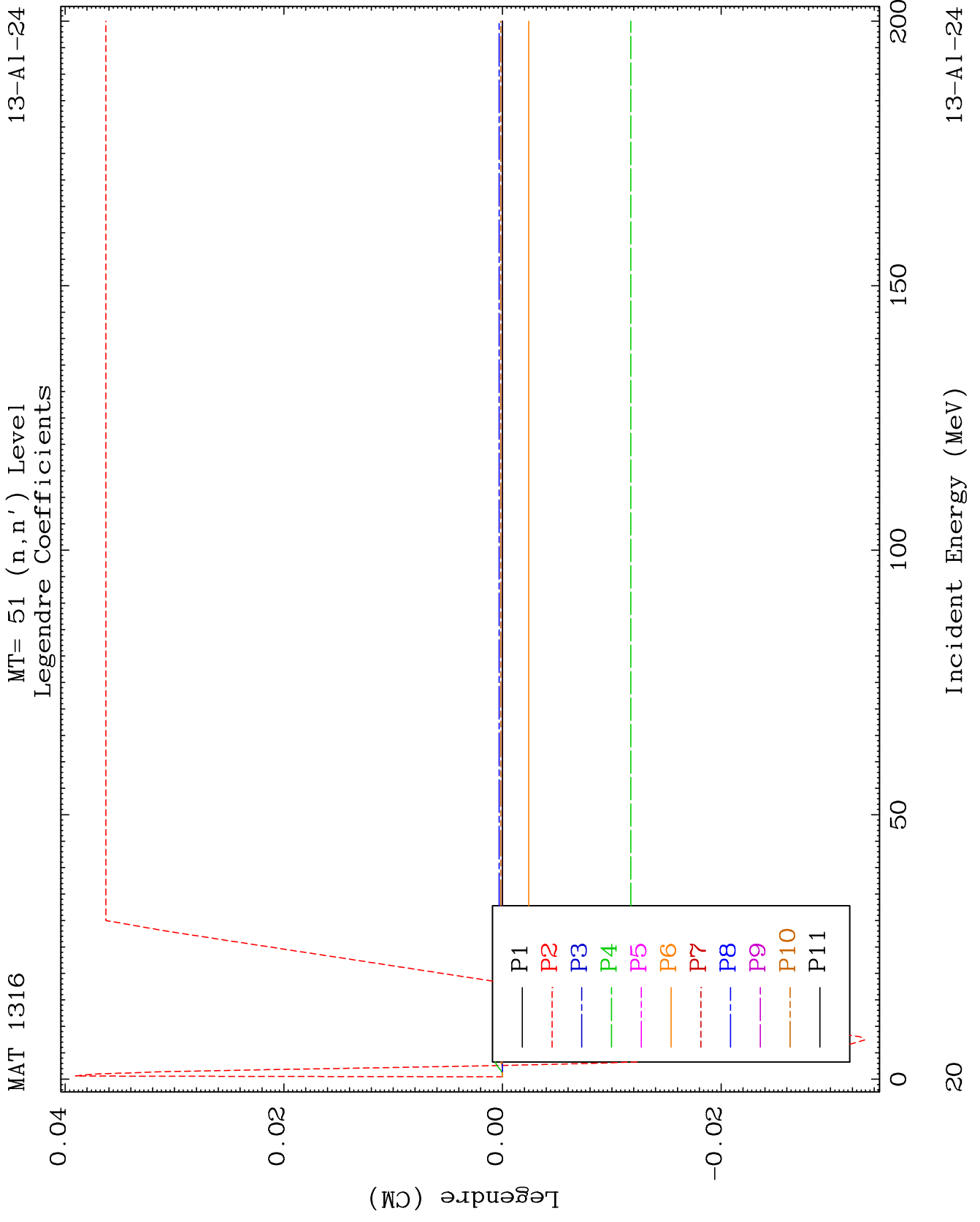
13-Al-24



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Incident Energy (MeV)

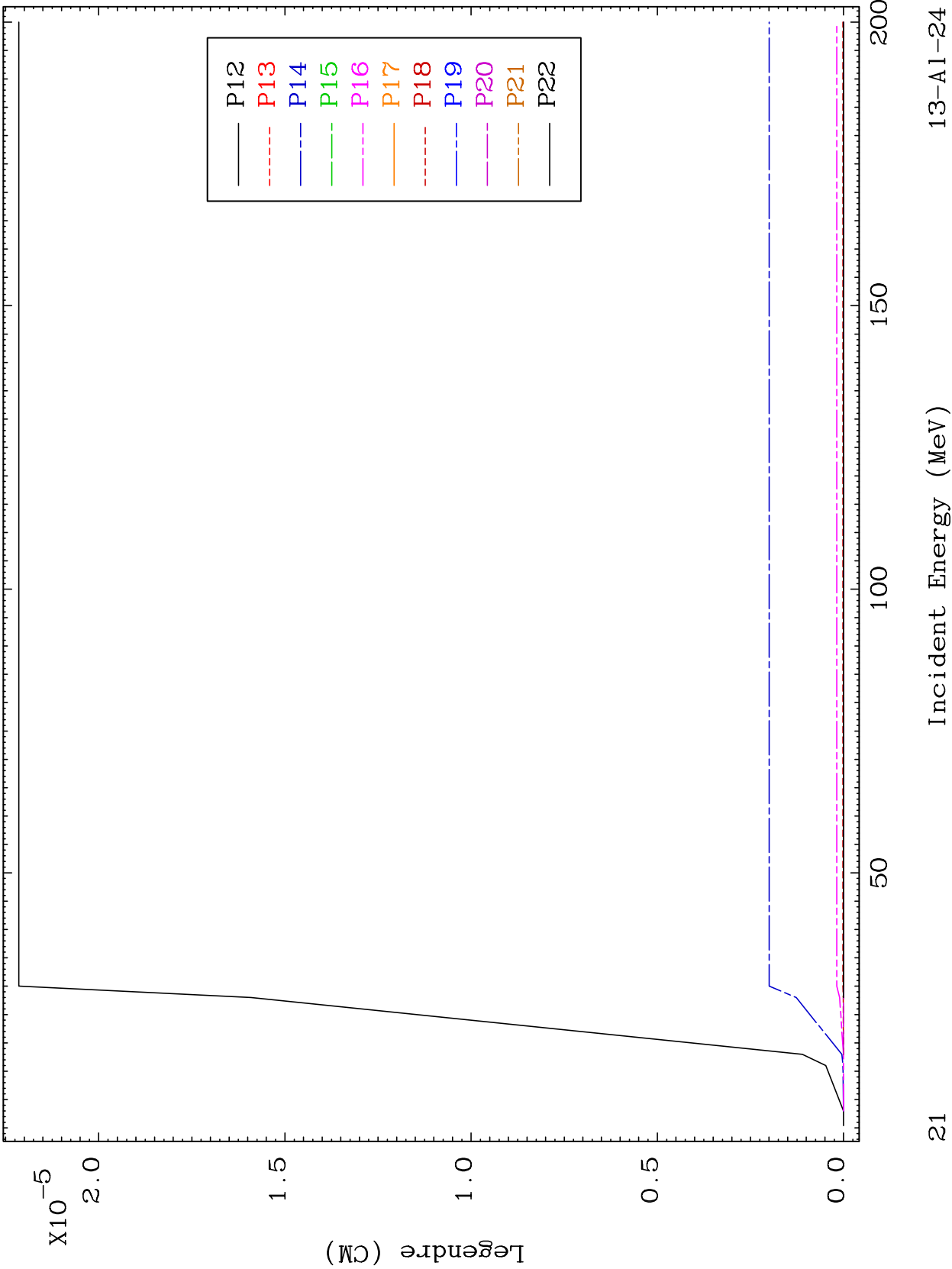
13-Al-24



MAT 1316

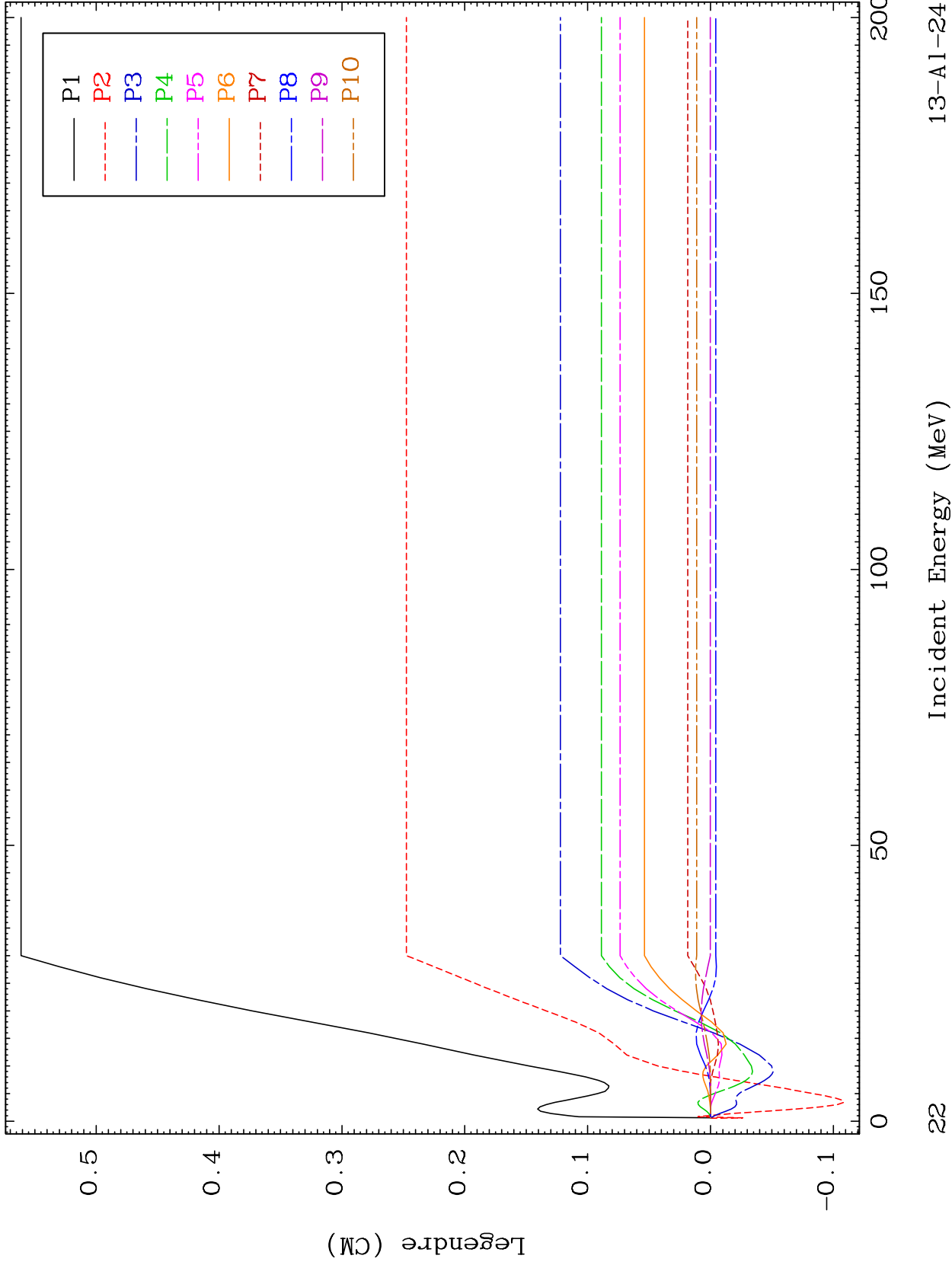
MT= 51 (n,n') Level
Legendre Coefficients

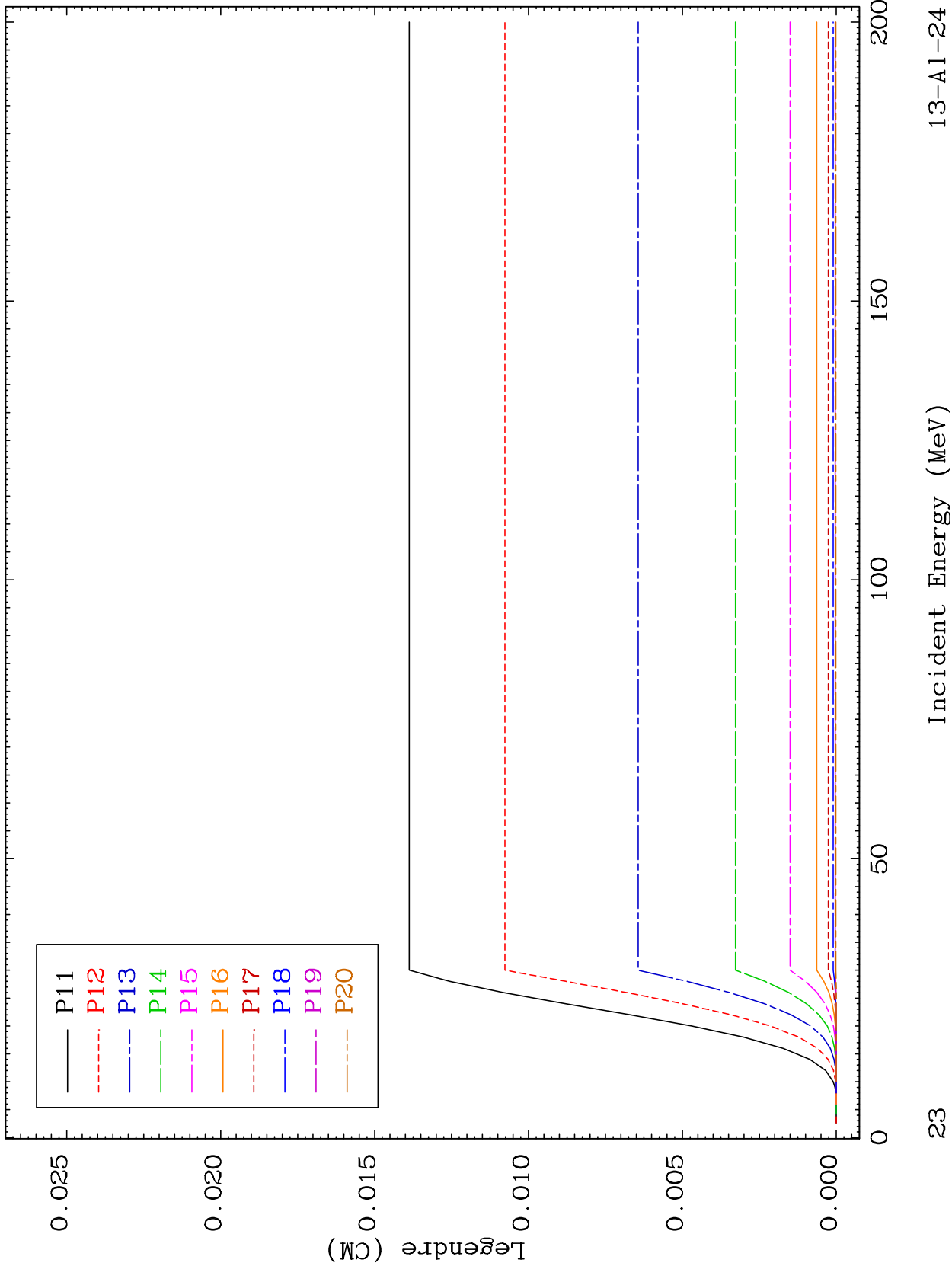
13-Al-24



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13-Al-24

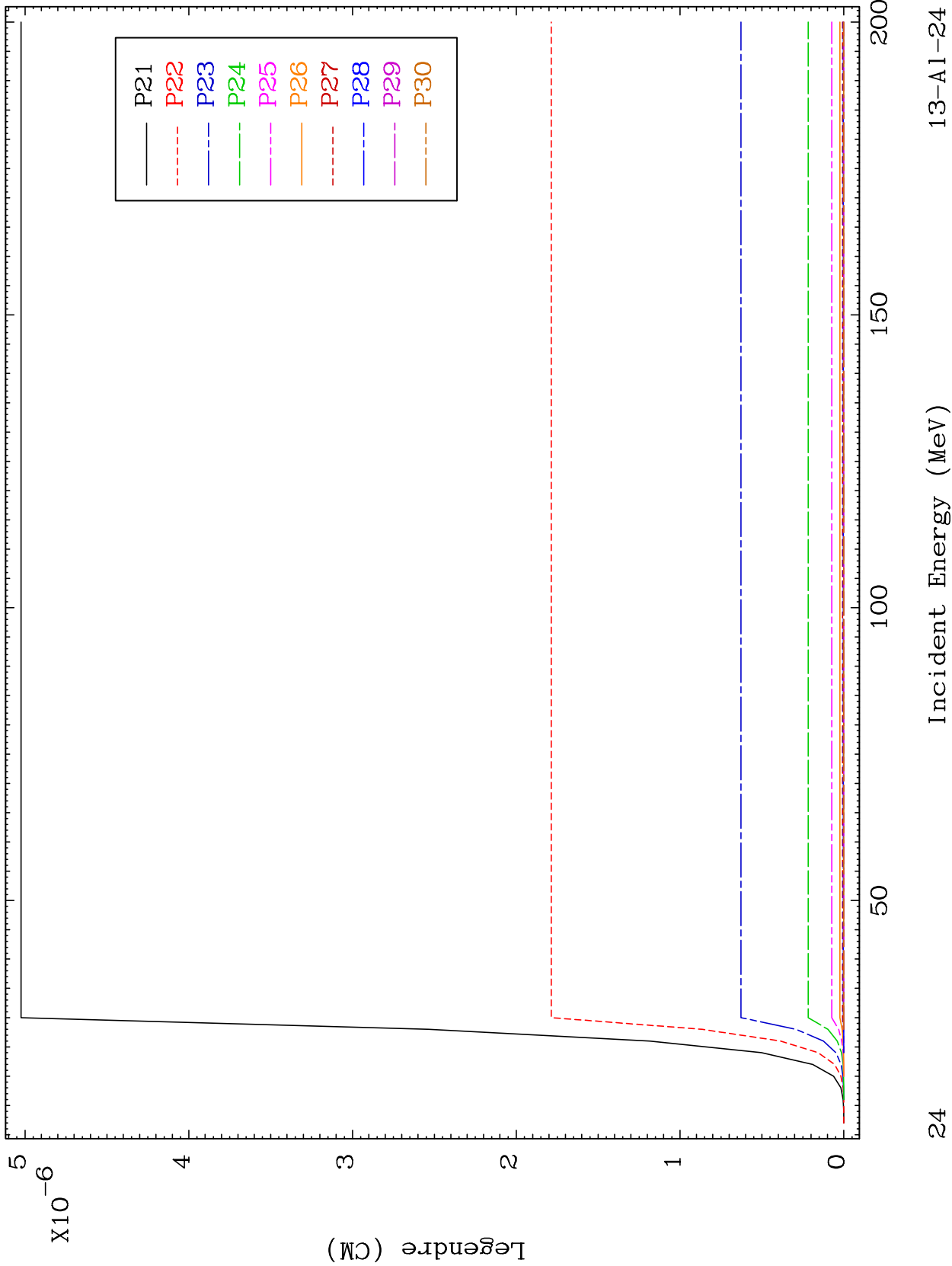




MAT 1316

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

13-Al-24



24

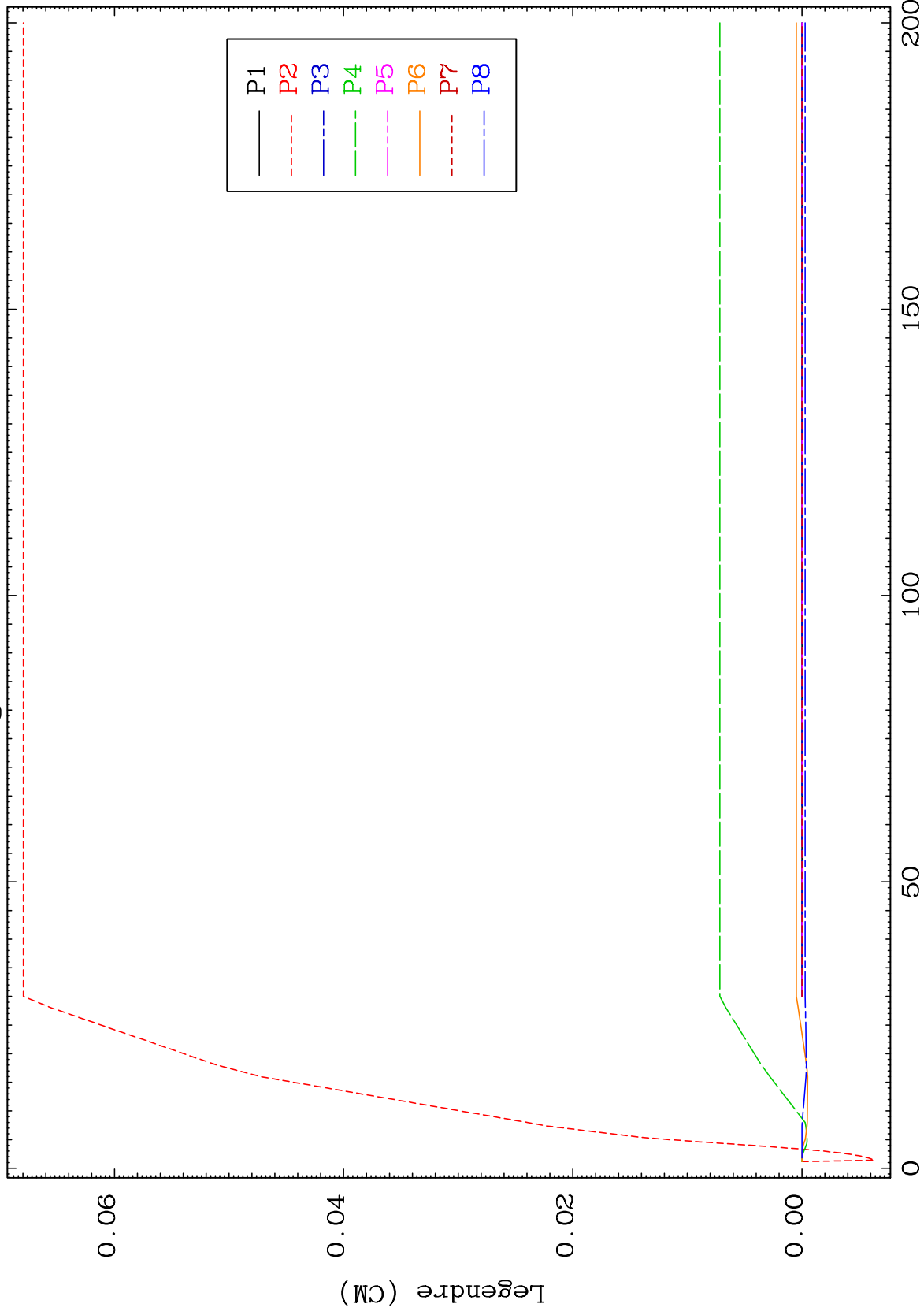
Incident Energy (MeV)

13-Al-24

MAT 1316

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

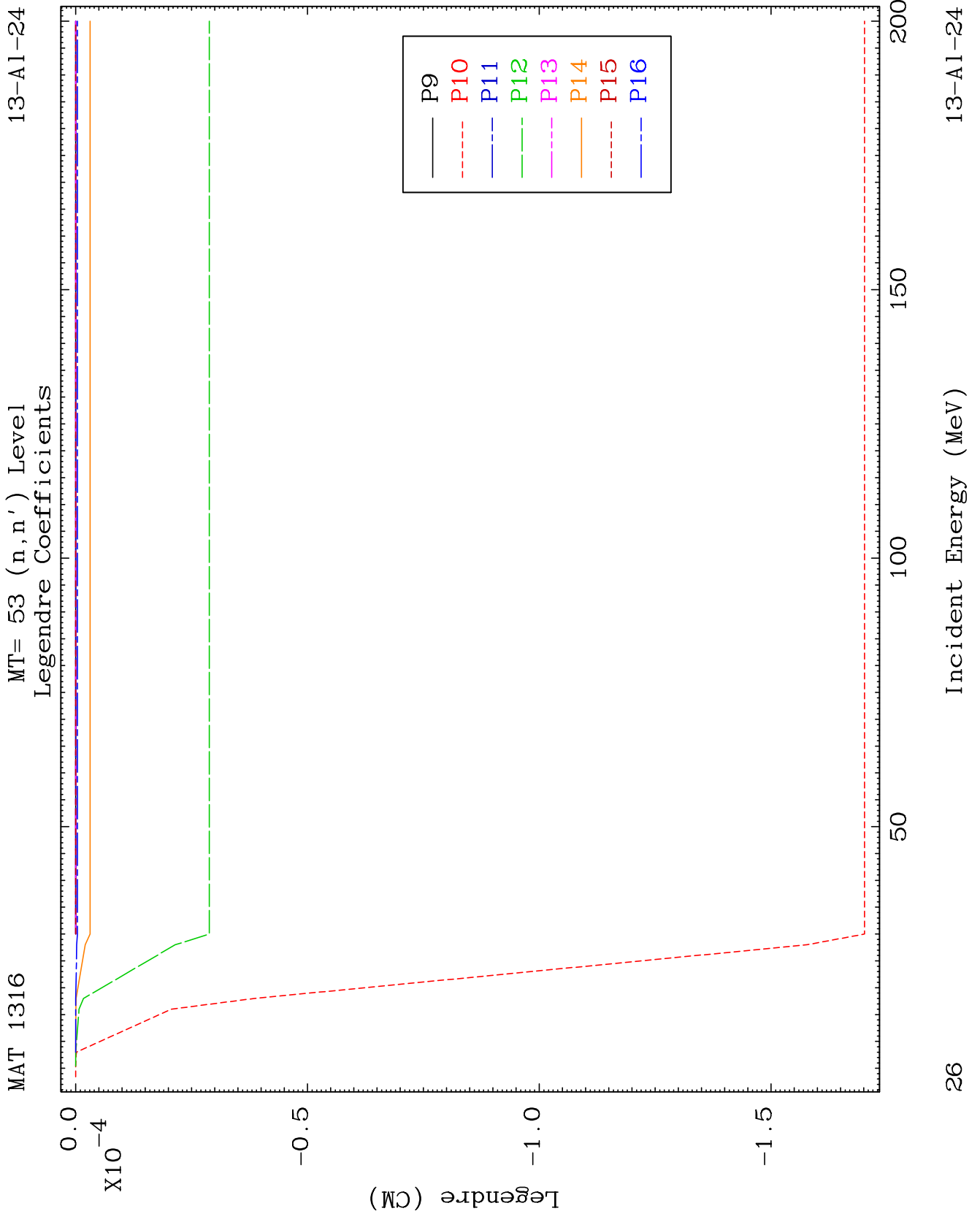
13-Al-24

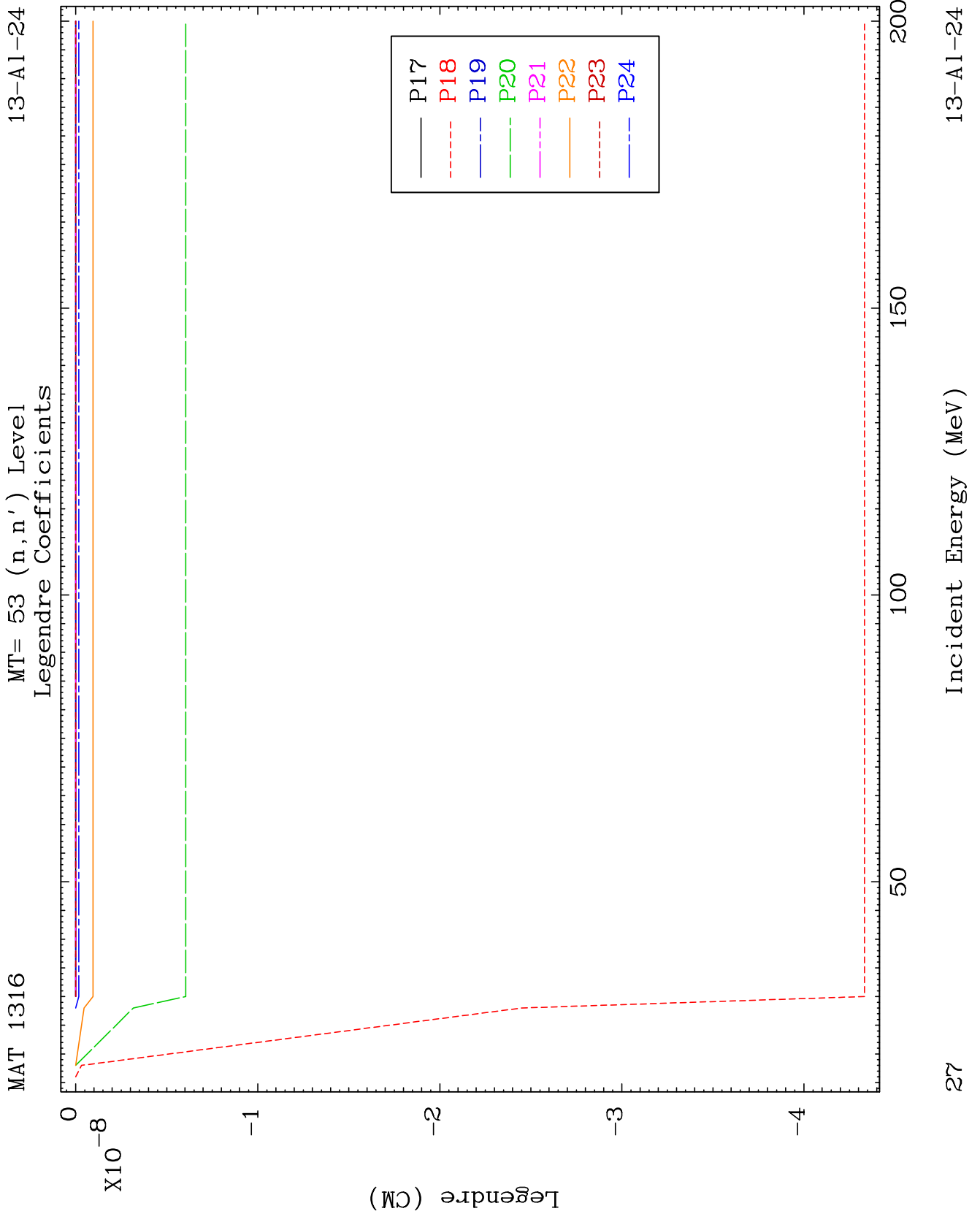


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Incident Energy (MeV)

13-Al-24

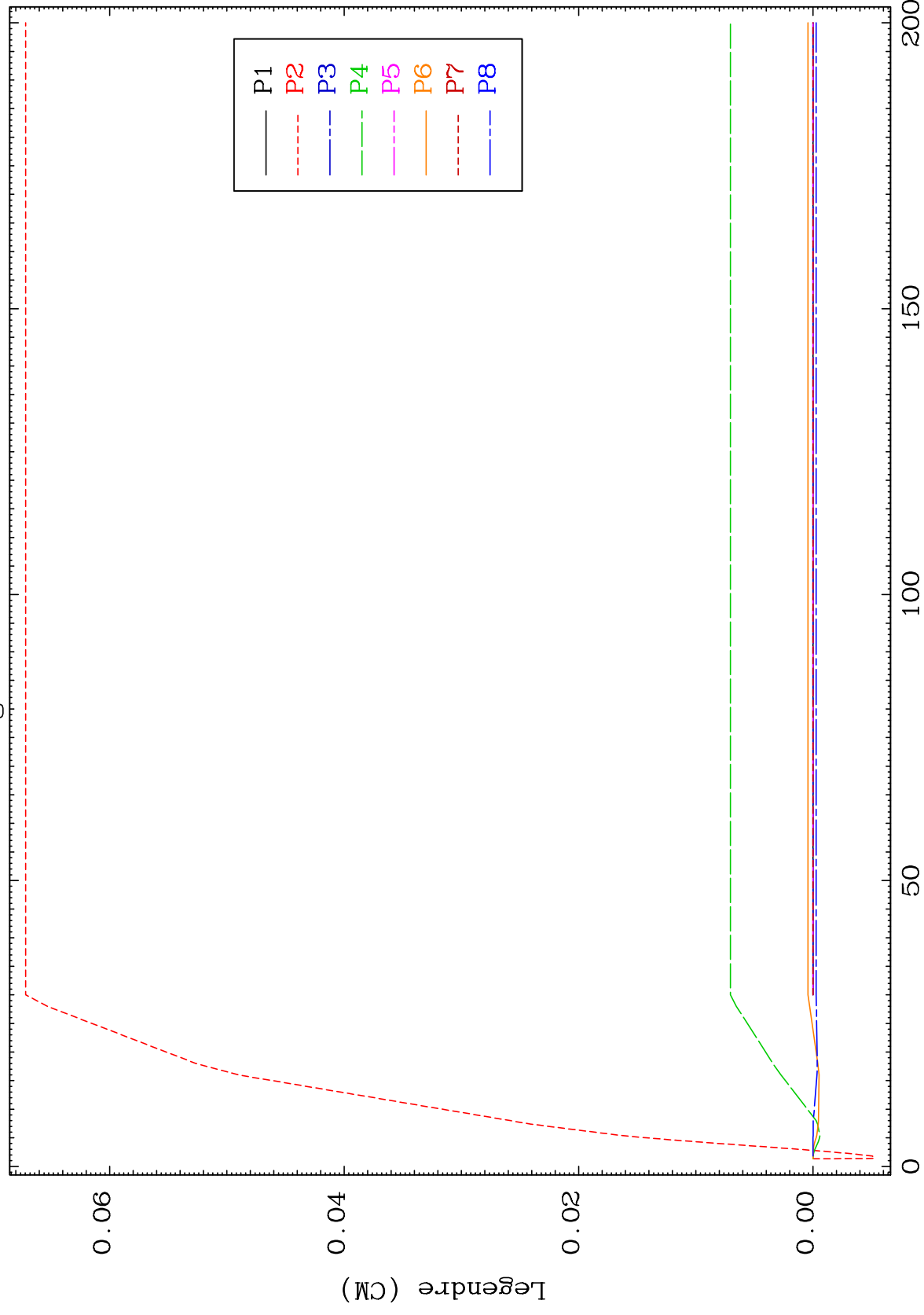




MAT 1316

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

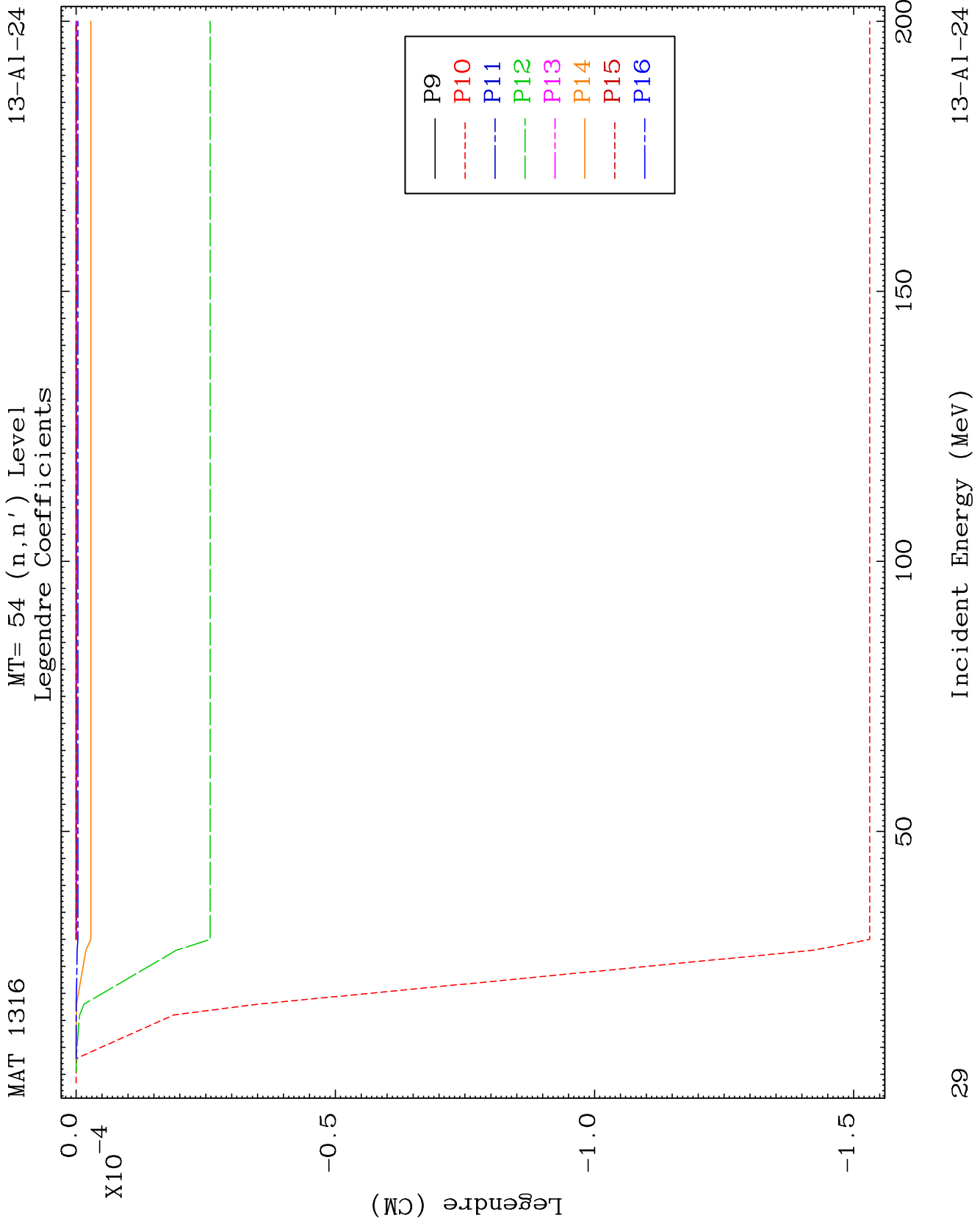
13-A1-24

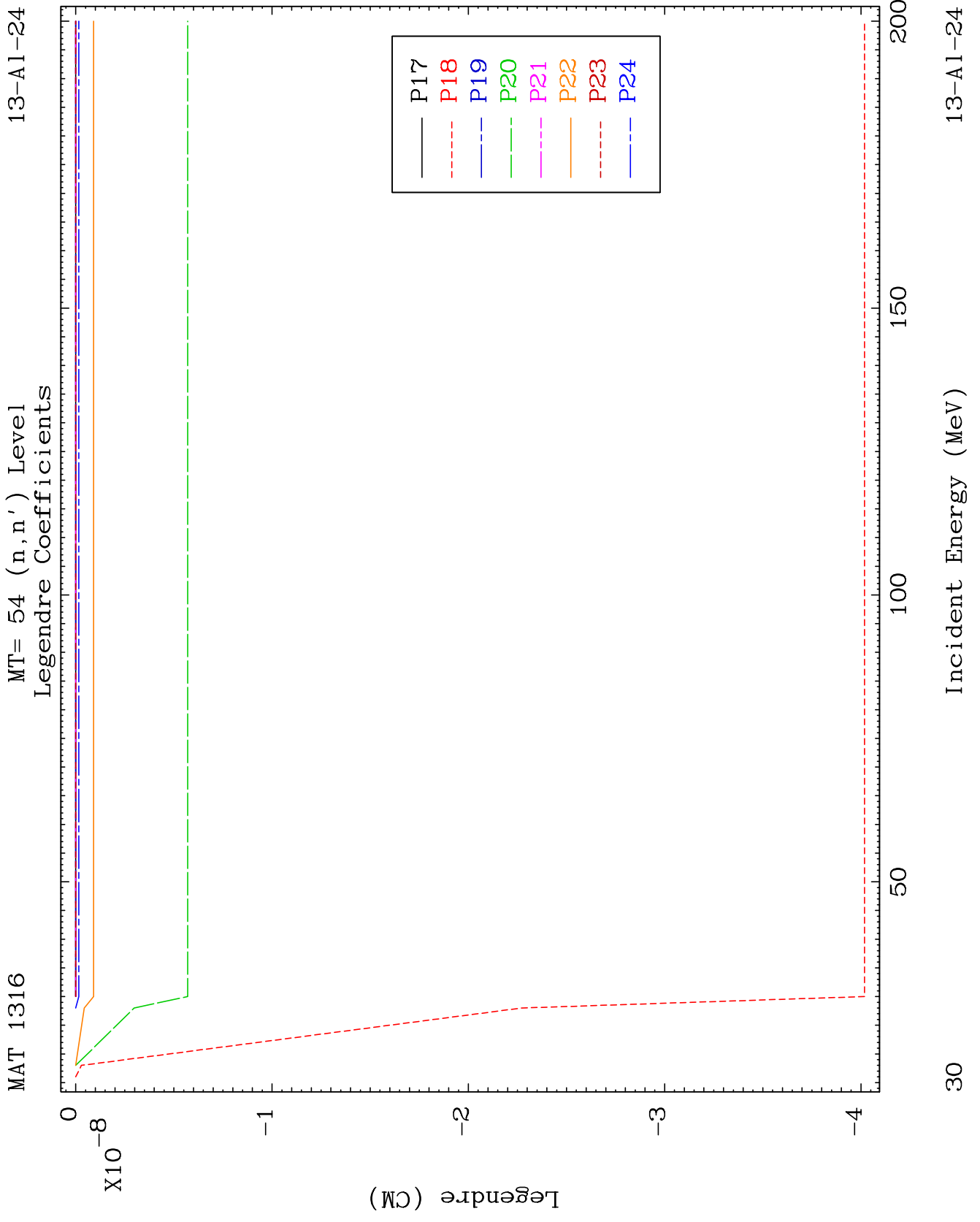


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Incident Energy (MeV)

13-A1-24

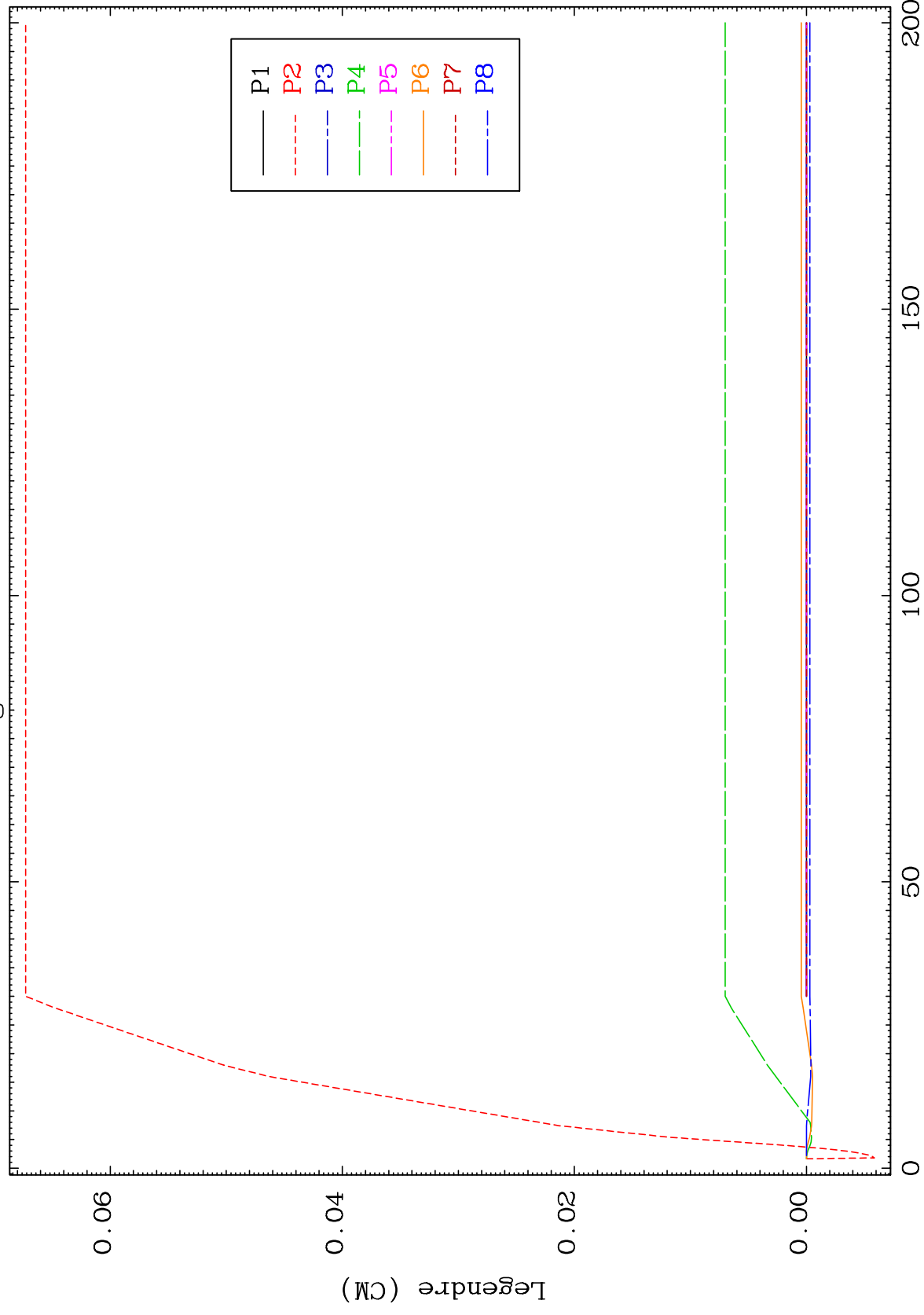




MAT 1316

MT= 55 (n,n') Level
Legendre Coefficients

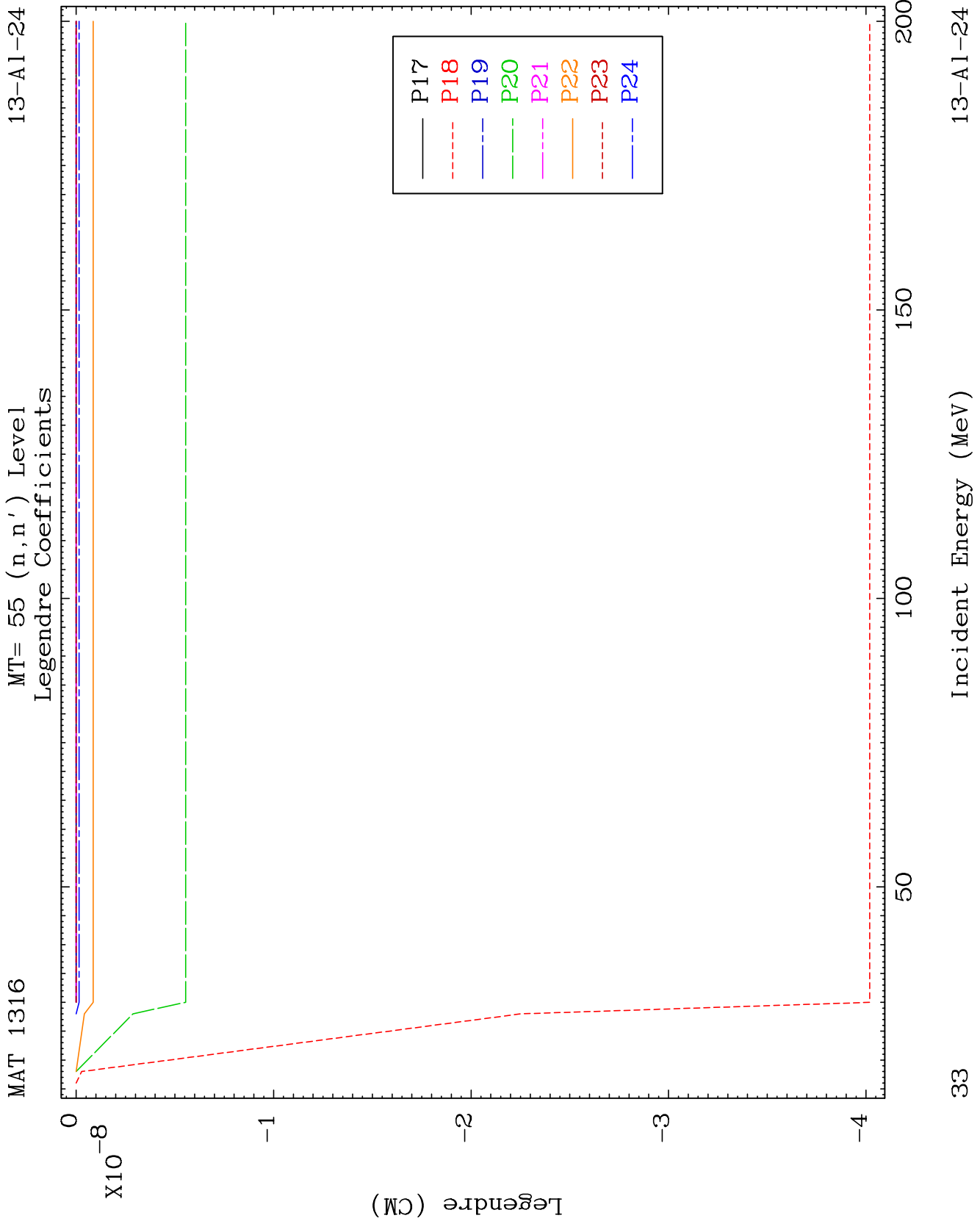
13-Al-24



31

Incident Energy (MeV)

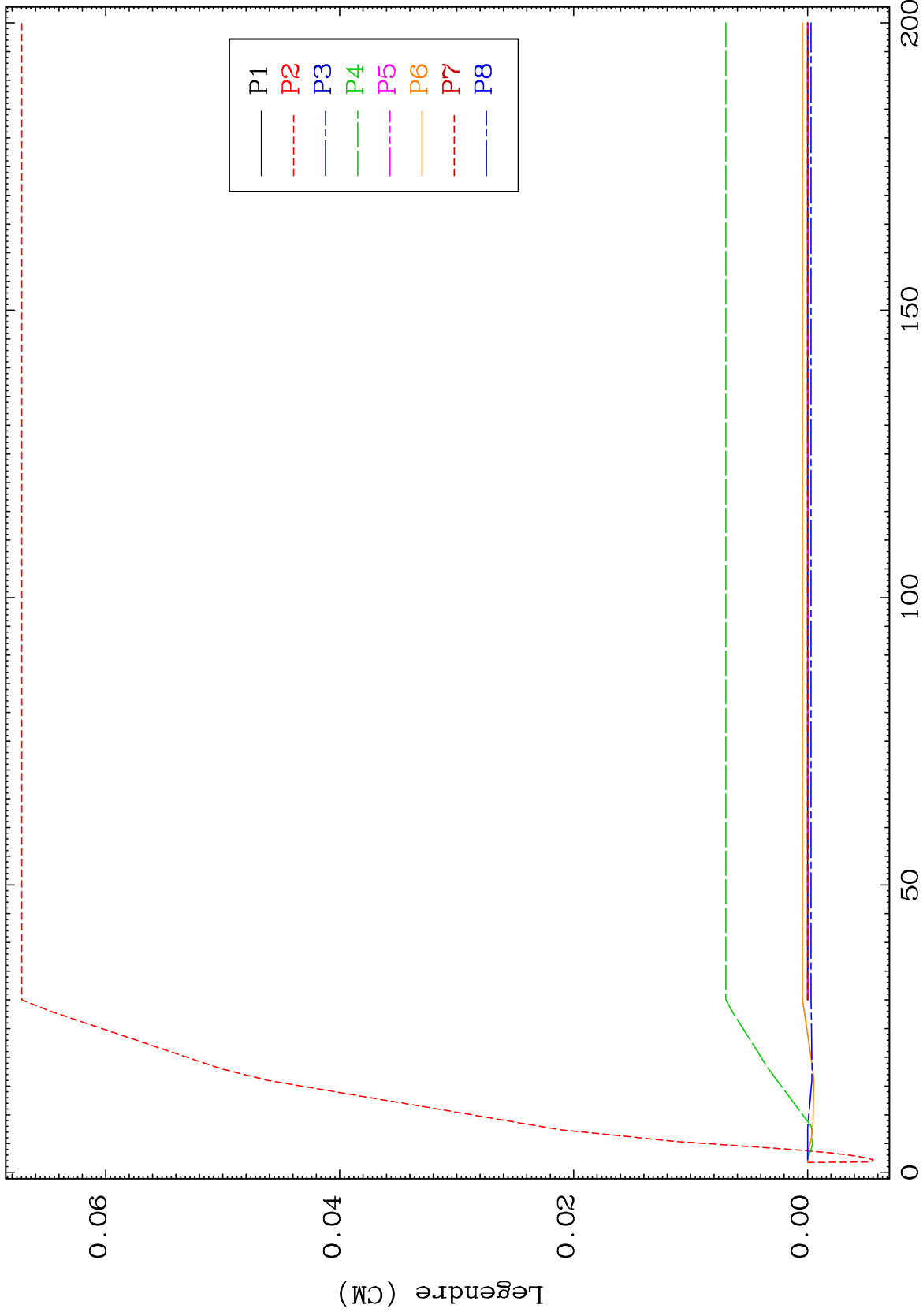
13-Al-24



MAT 1316

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

13-A1-24



34

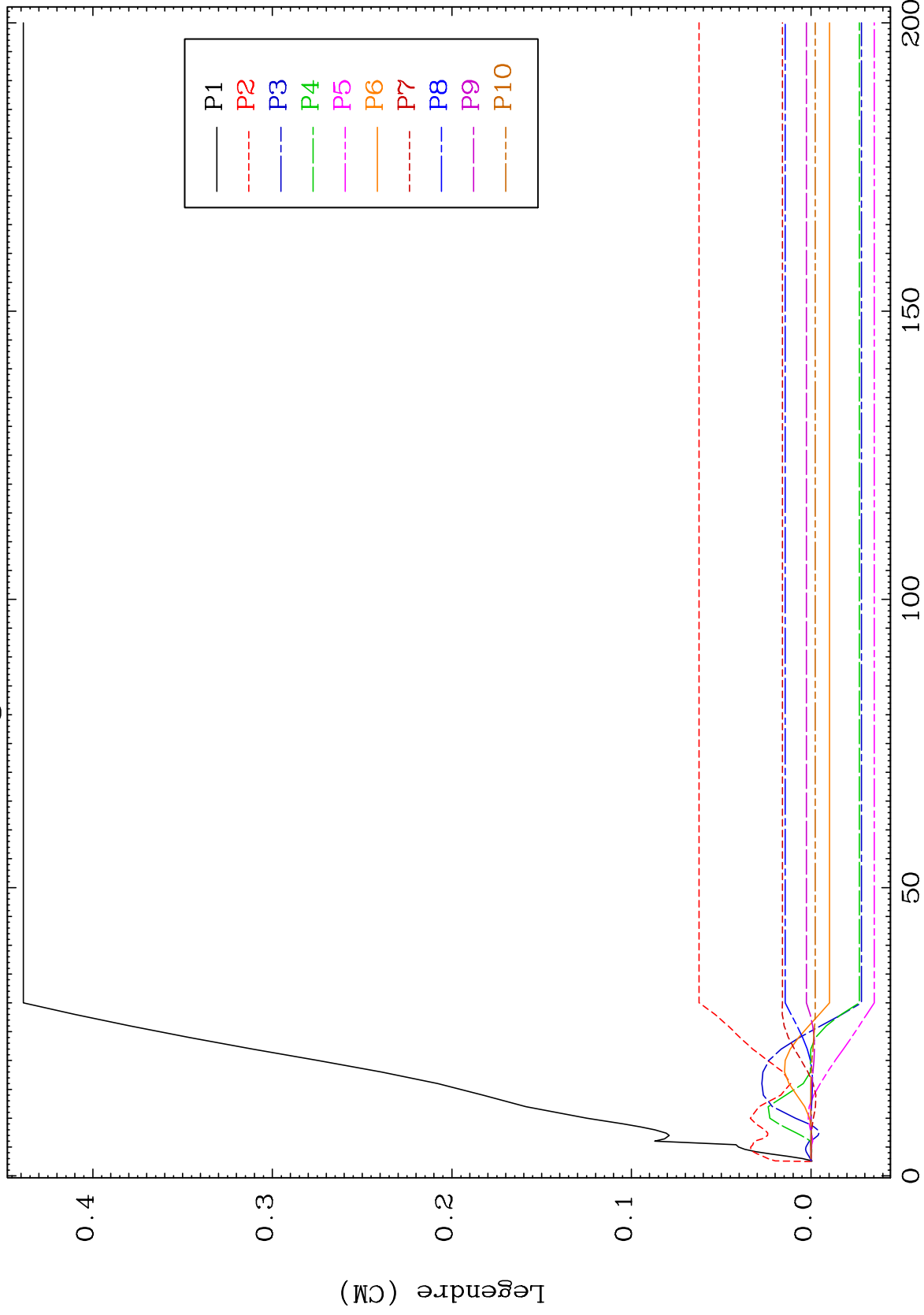
Incident Energy (MeV)

13-A1-24

MAT 1316

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

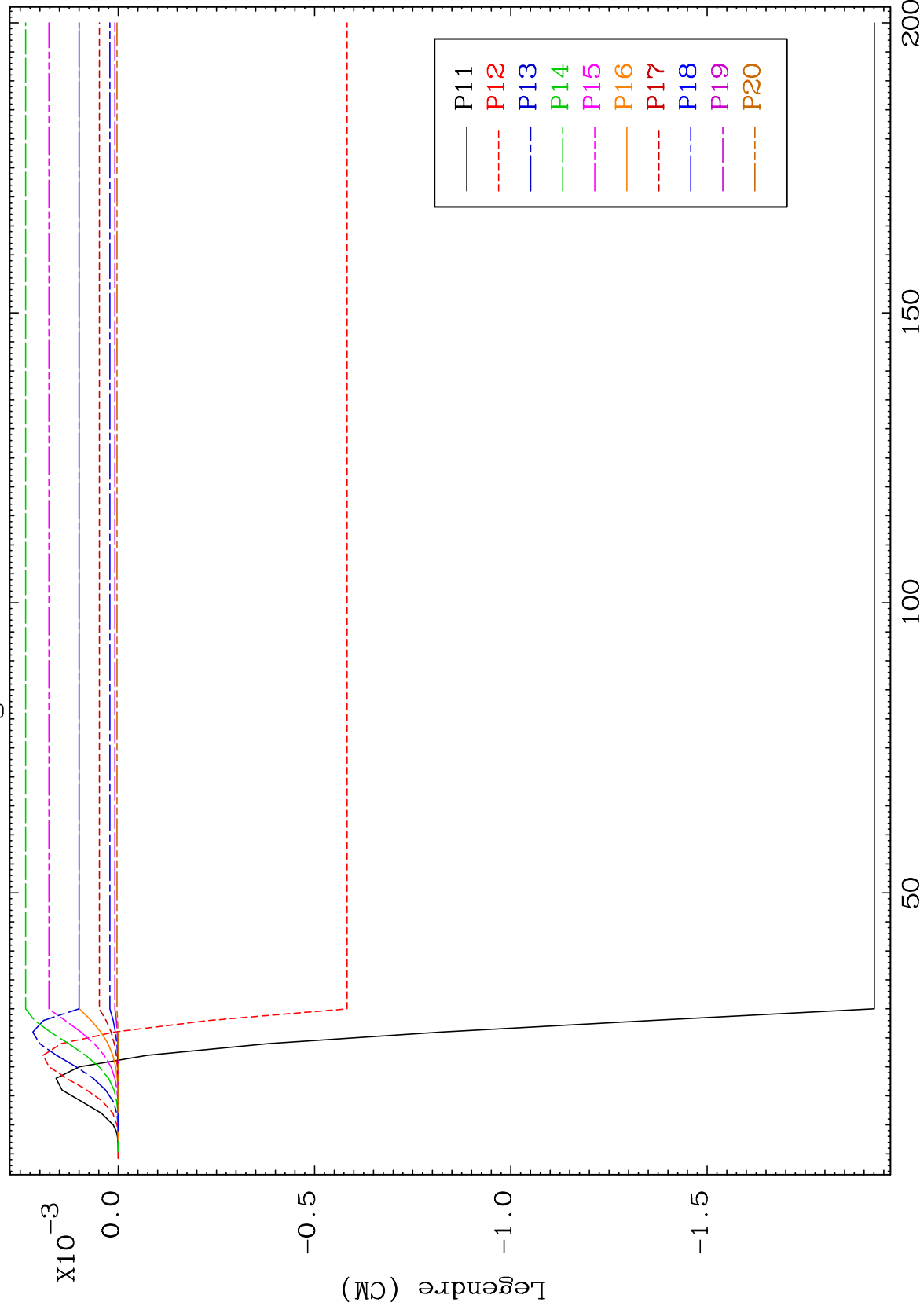
13-Al-24



37

Incident Energy (MeV)

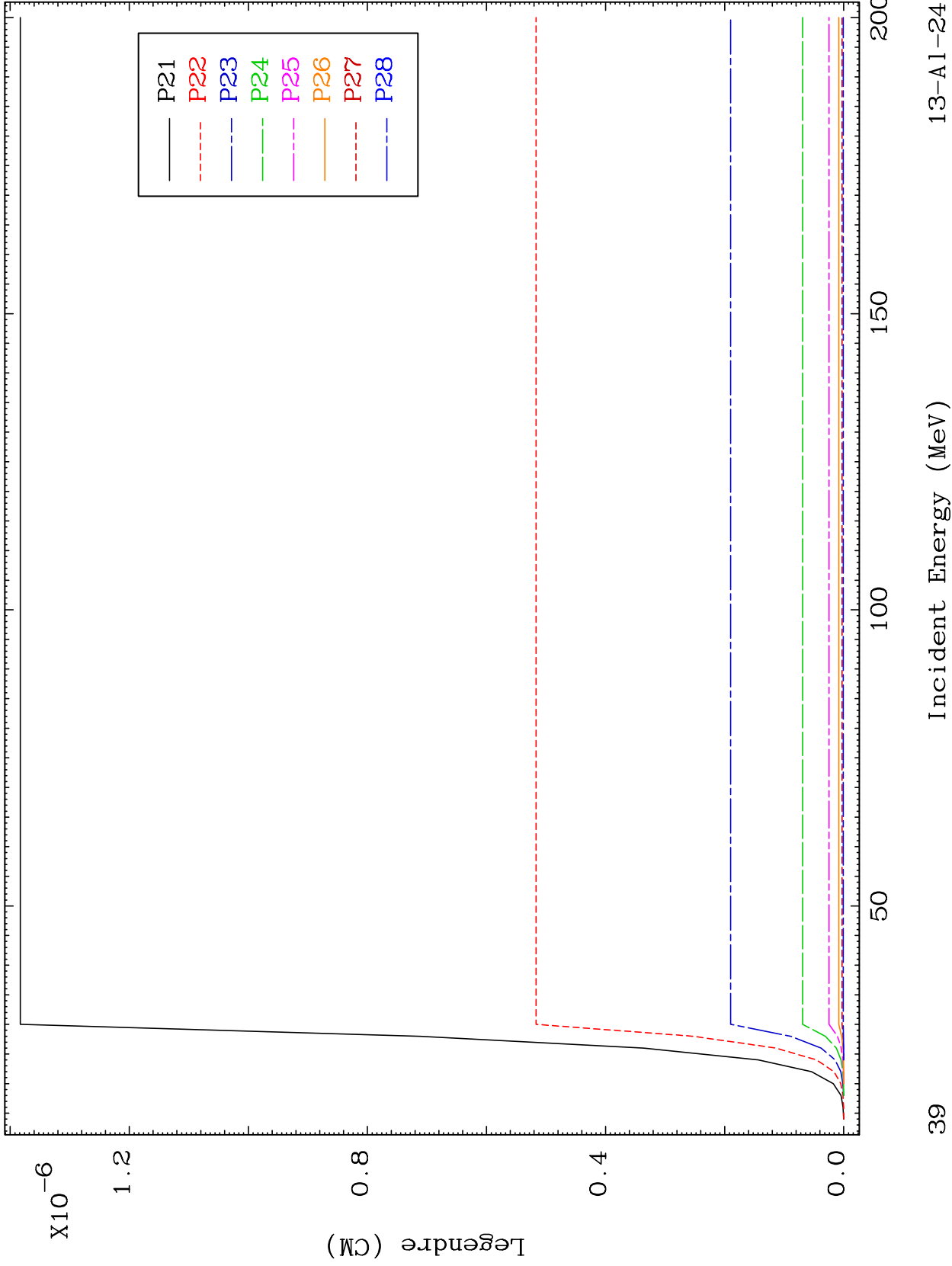
13-Al-24



MAT 1316

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

13-Al-24



39

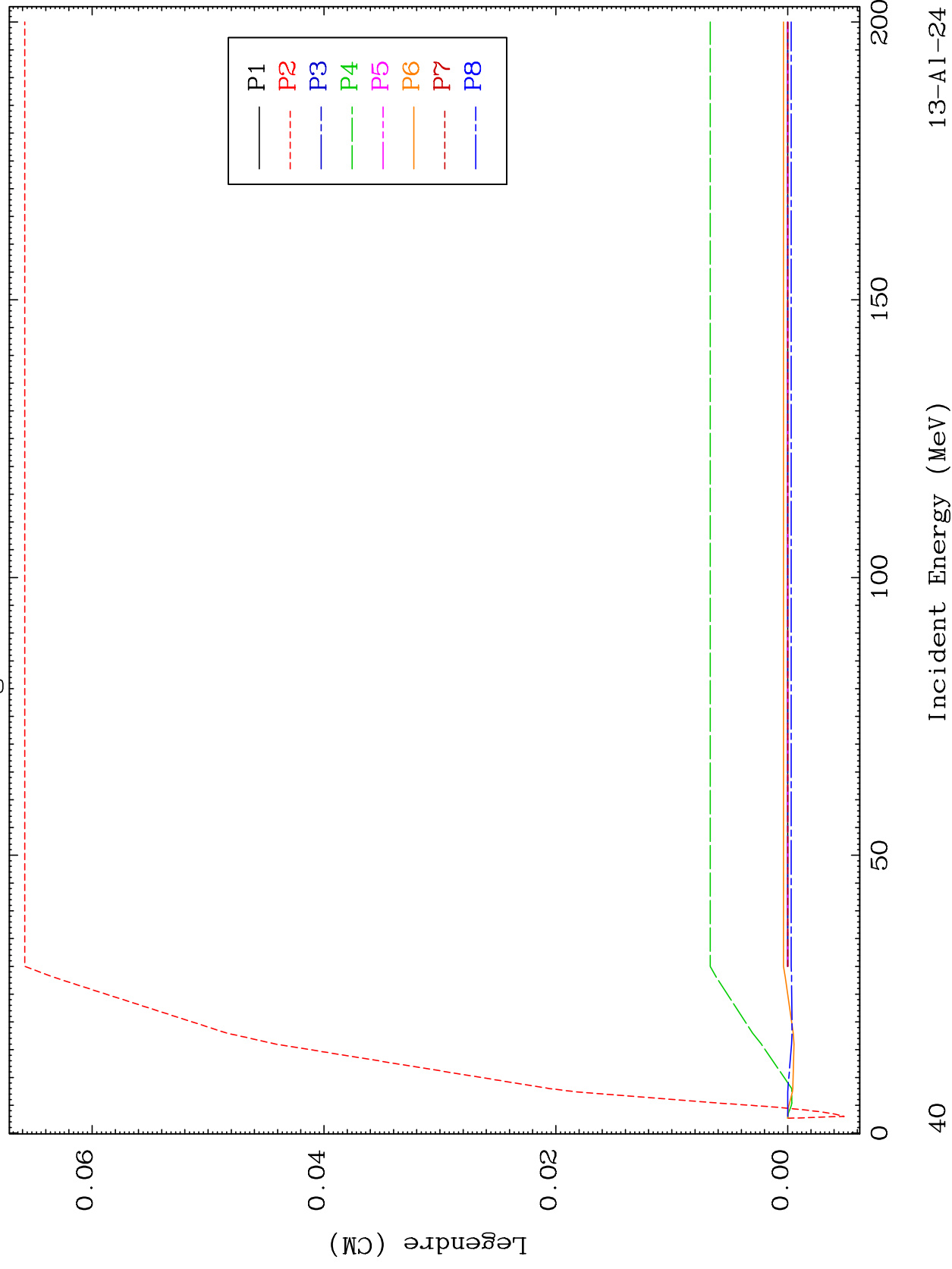
Incident Energy (MeV)

13-Al-24

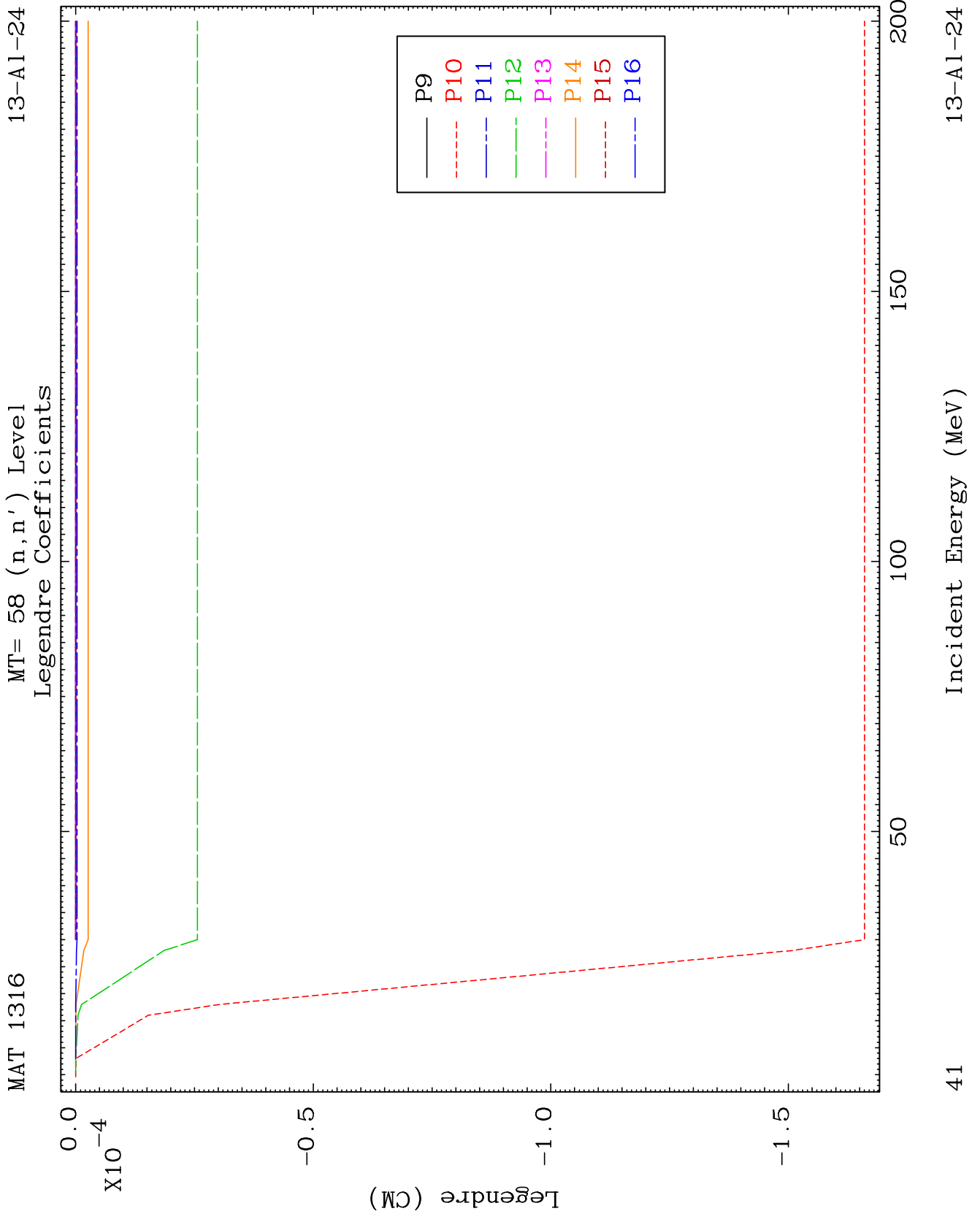
MAT 1316

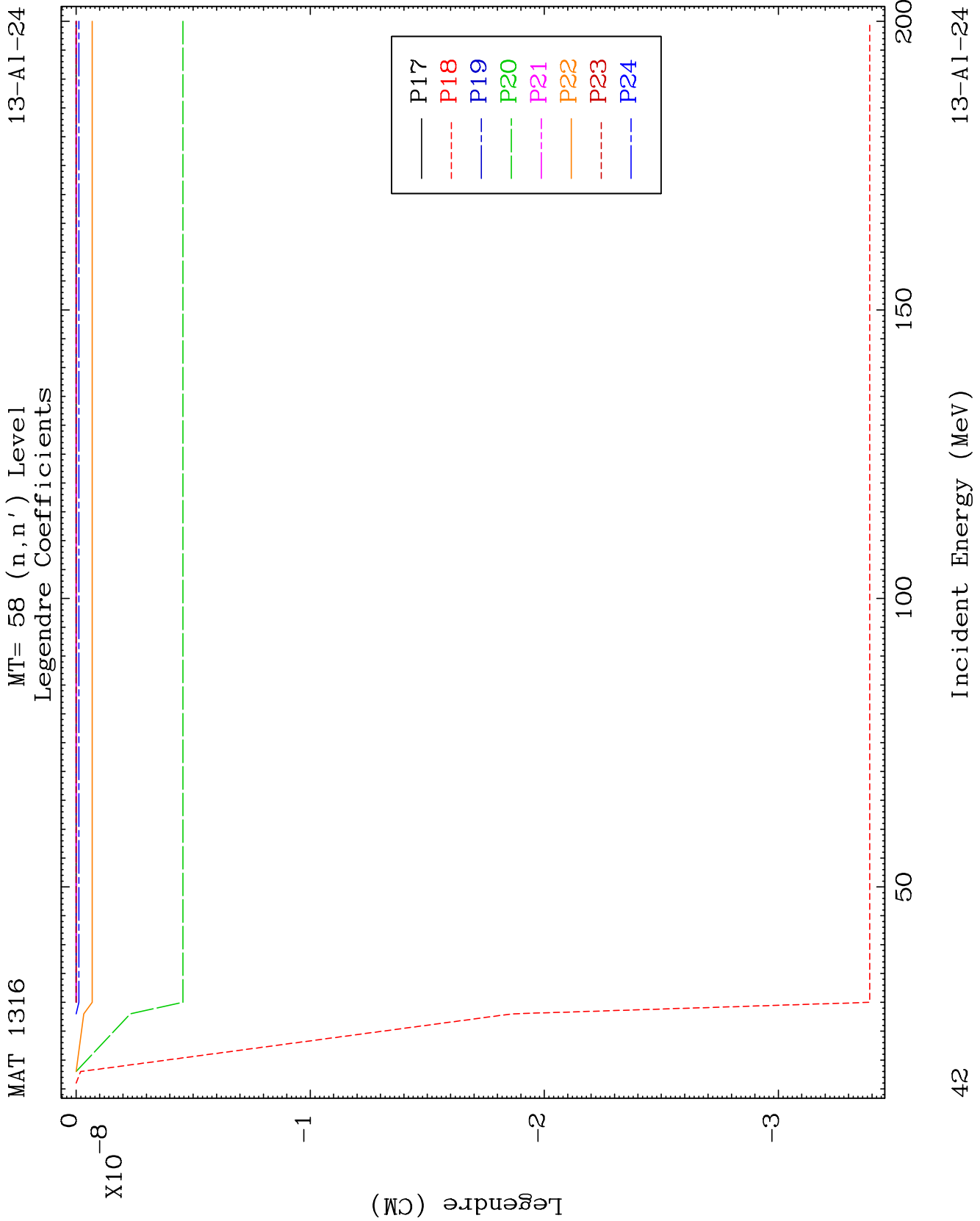
MT= 58 (n,n') Level
Legendre Coefficients

13-A1-24



13-A1-24

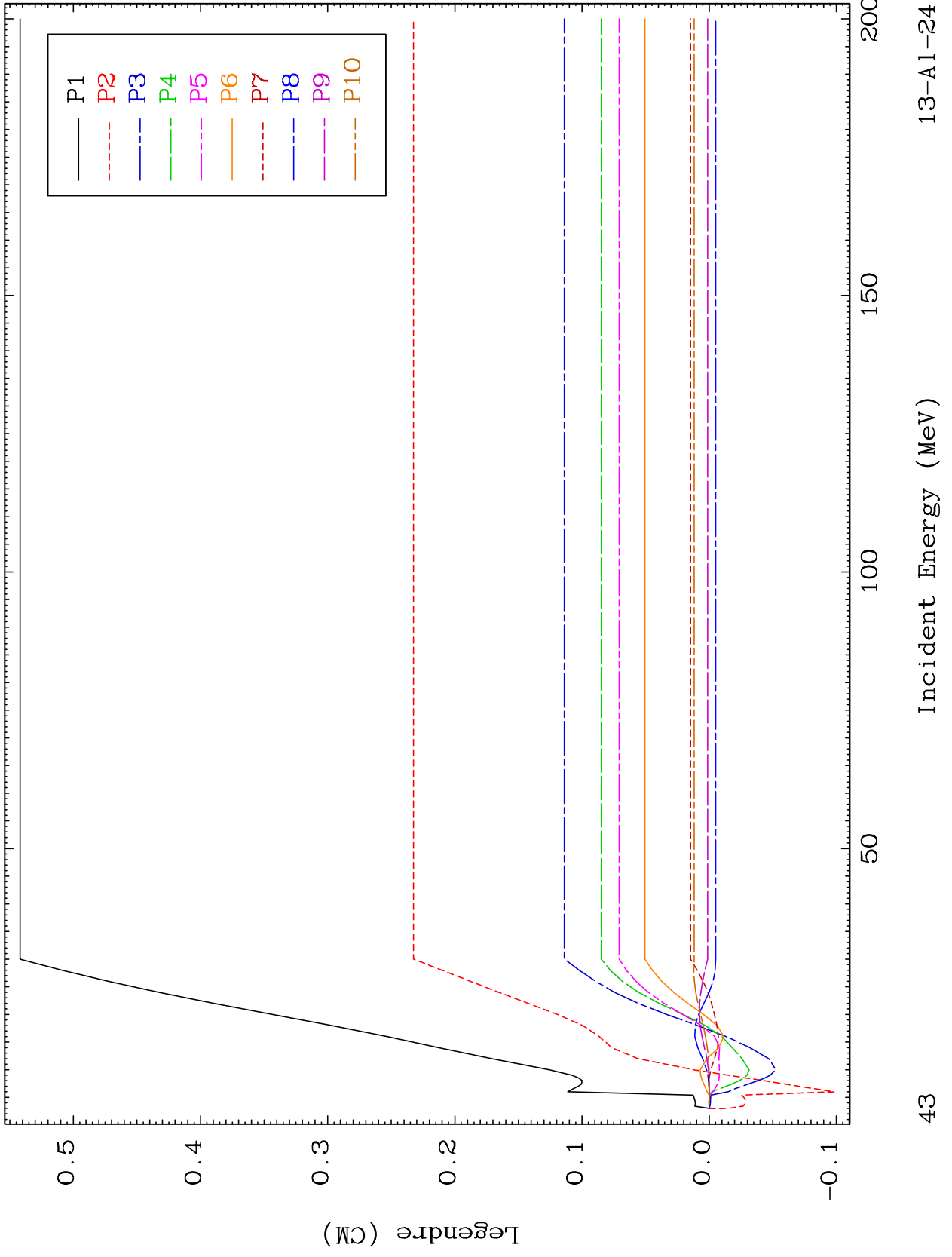




MAT 1316

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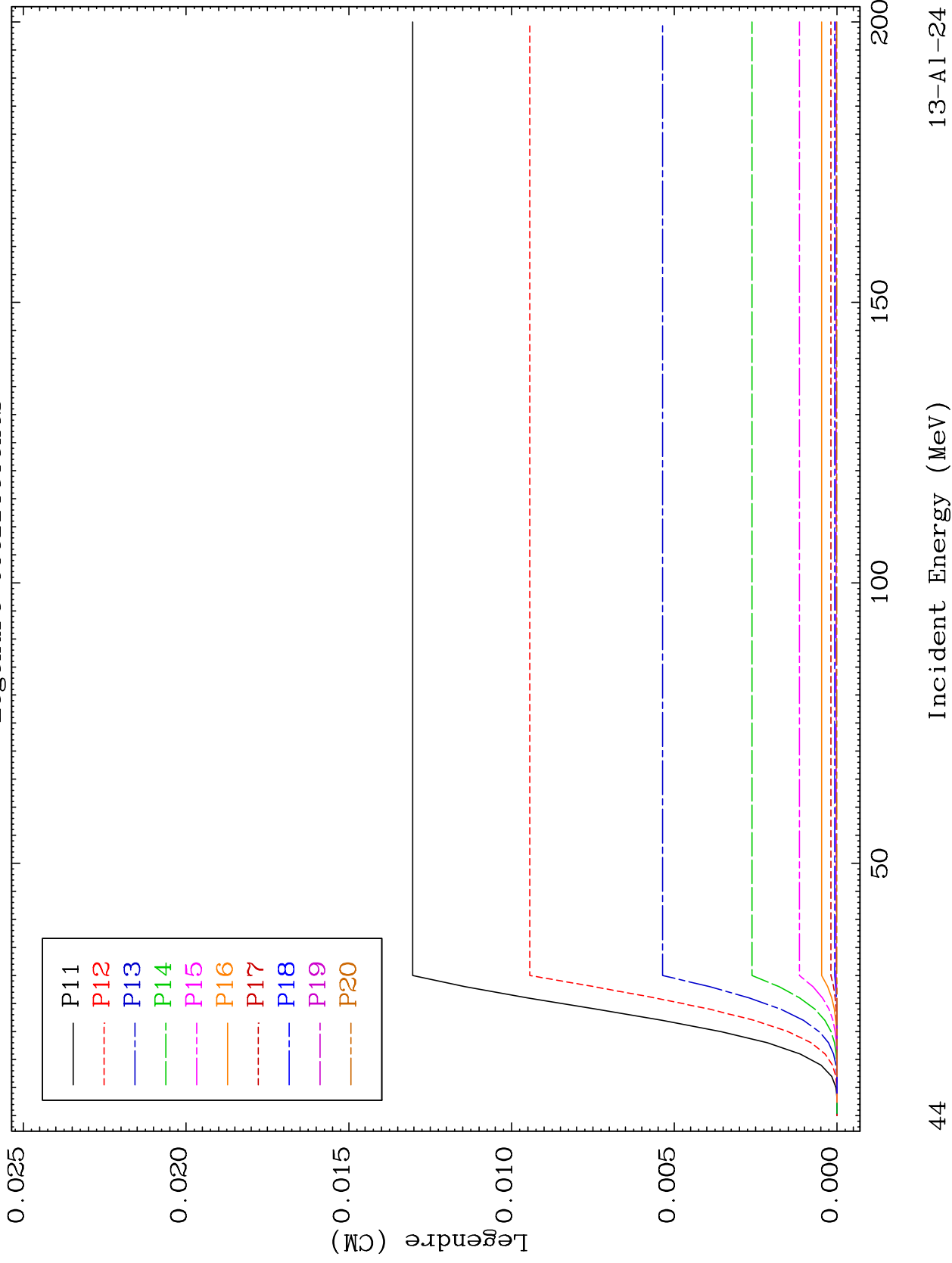
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43

Incident Energy (MeV)

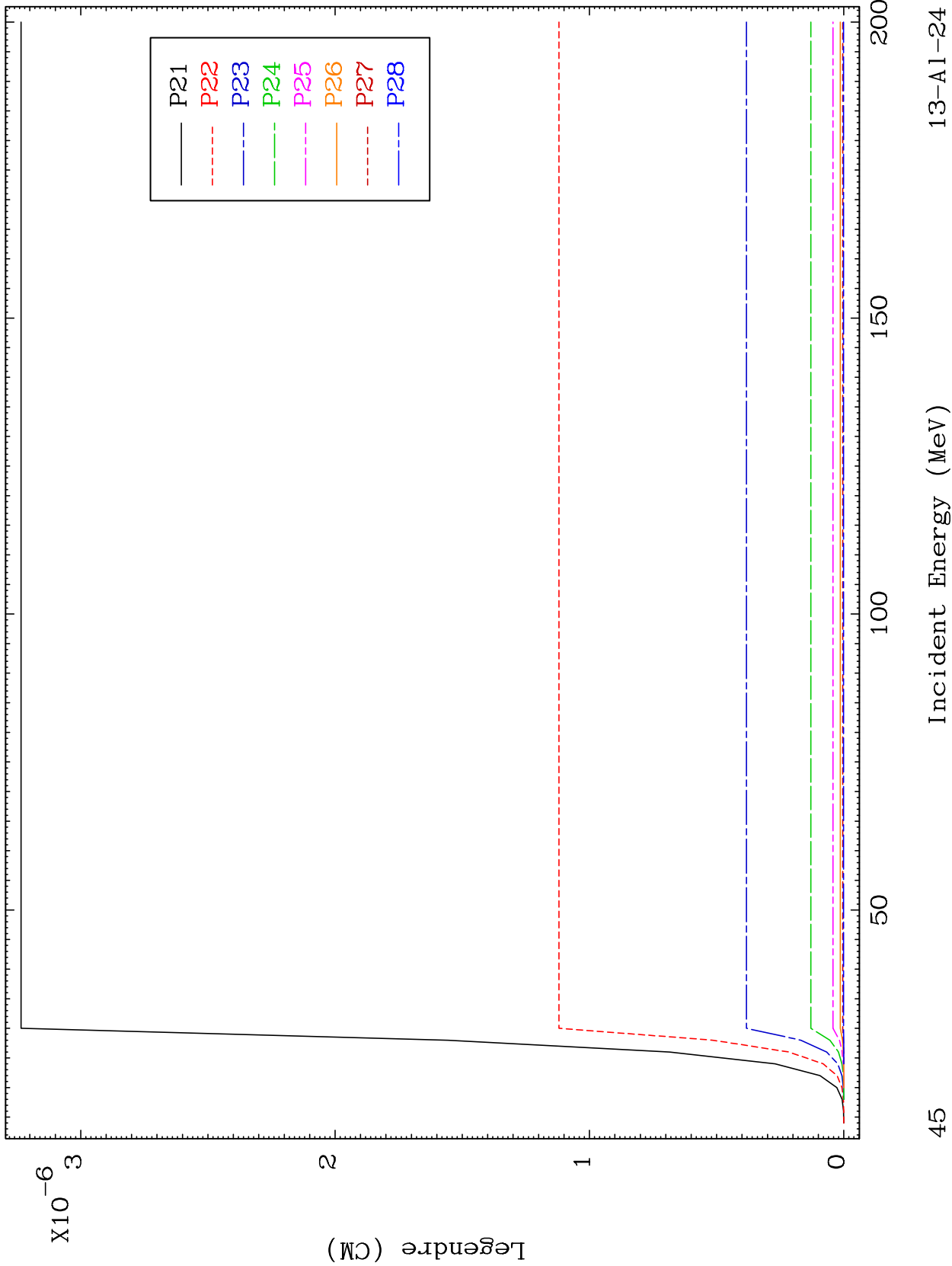
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MAT 1316

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

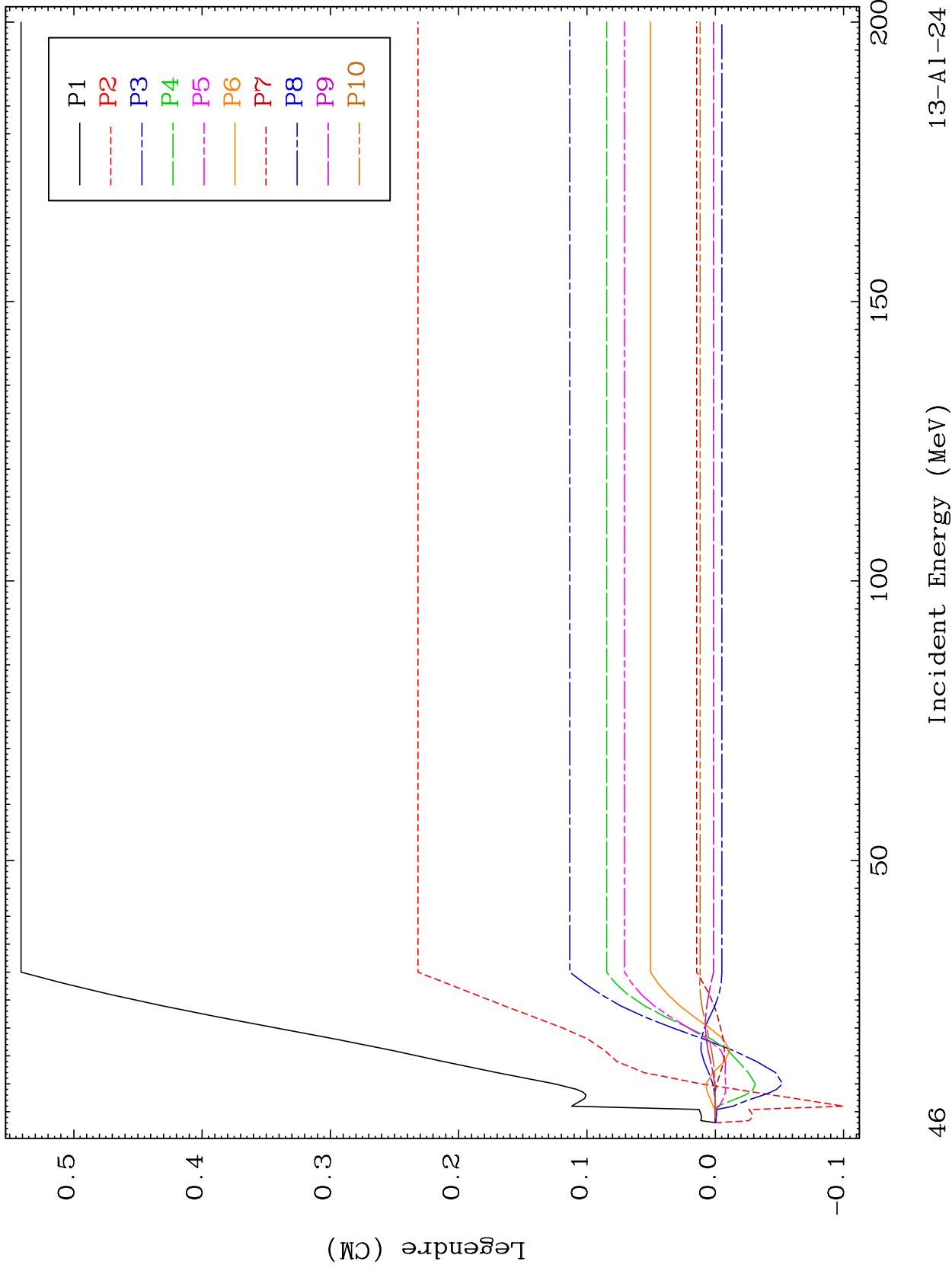
13-Al-24



MAT 1316

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

13-Al-24



46

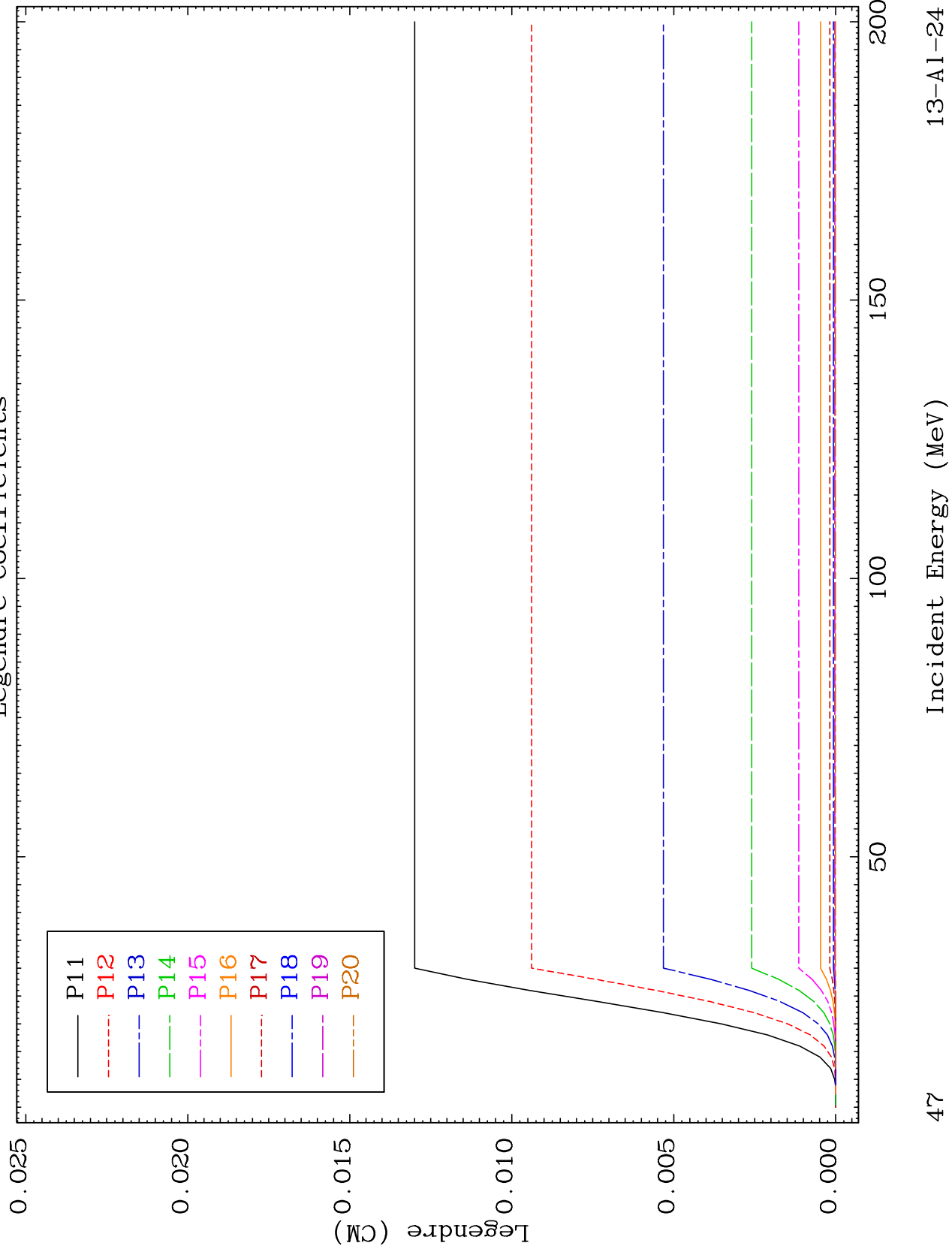
Incident Energy (MeV)

13-Al-24

MAT 1316

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

13-Al-24



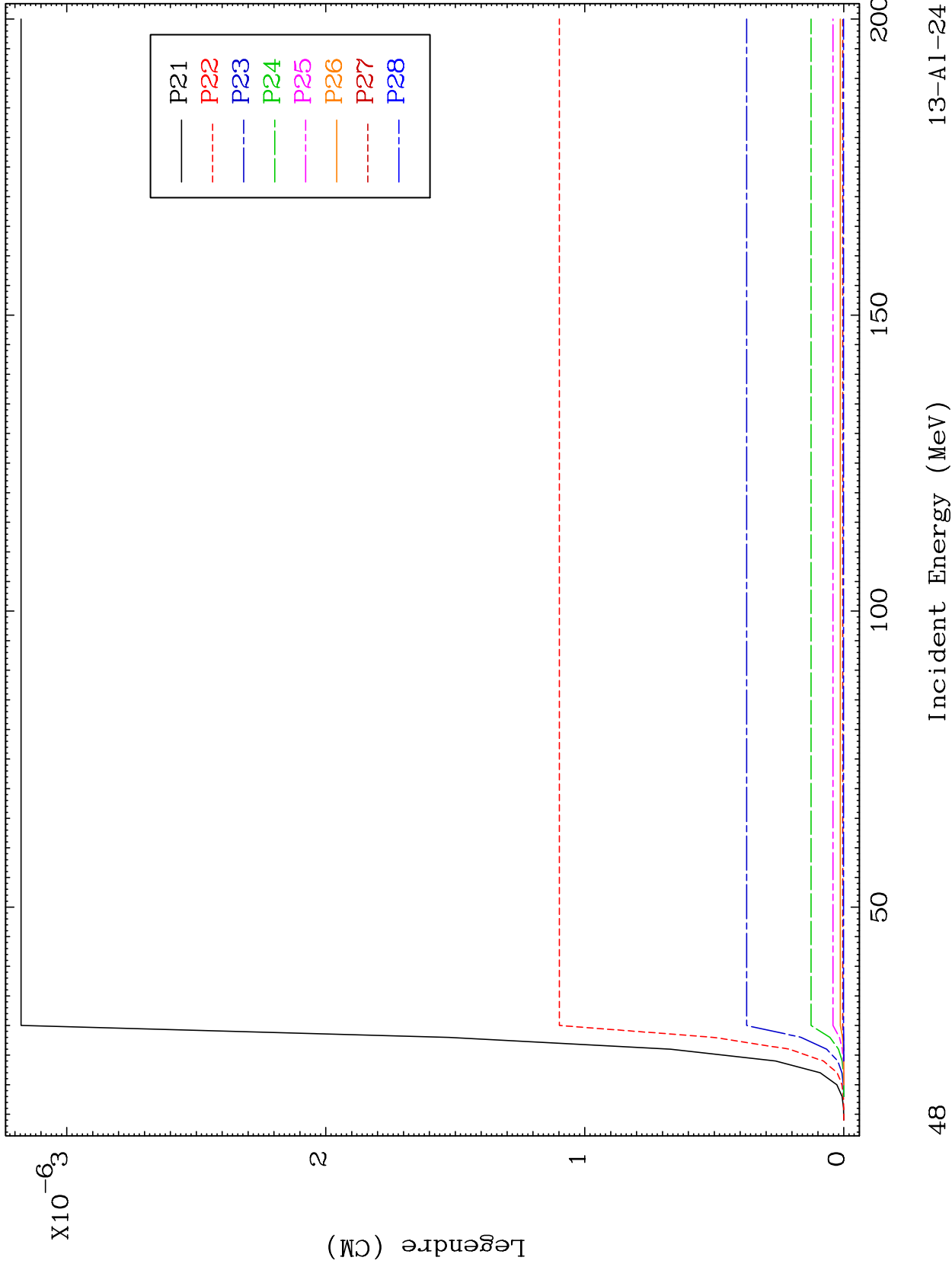
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13-Al-24

MAT 1316

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

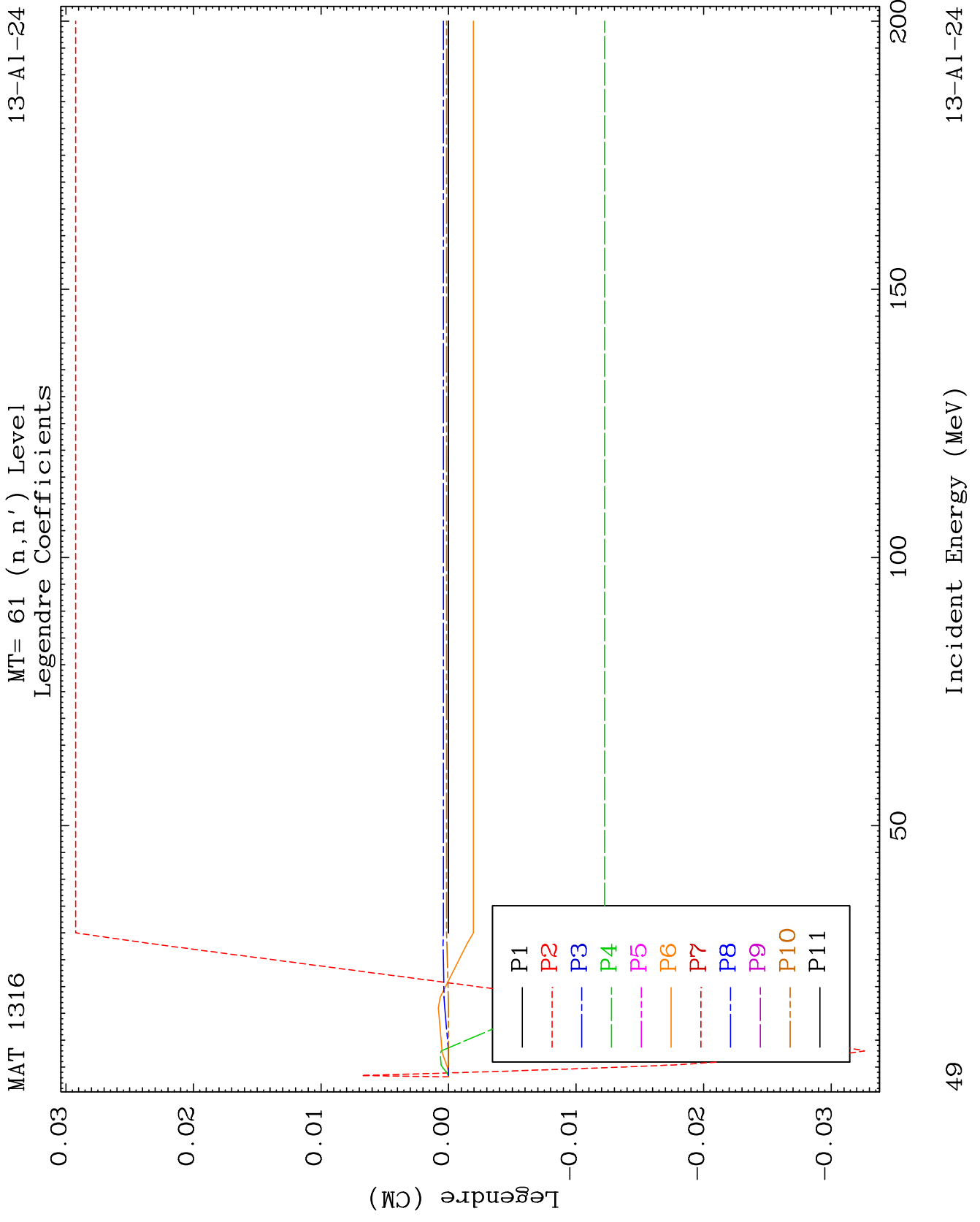
13-Al-24



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Incident Energy (MeV)

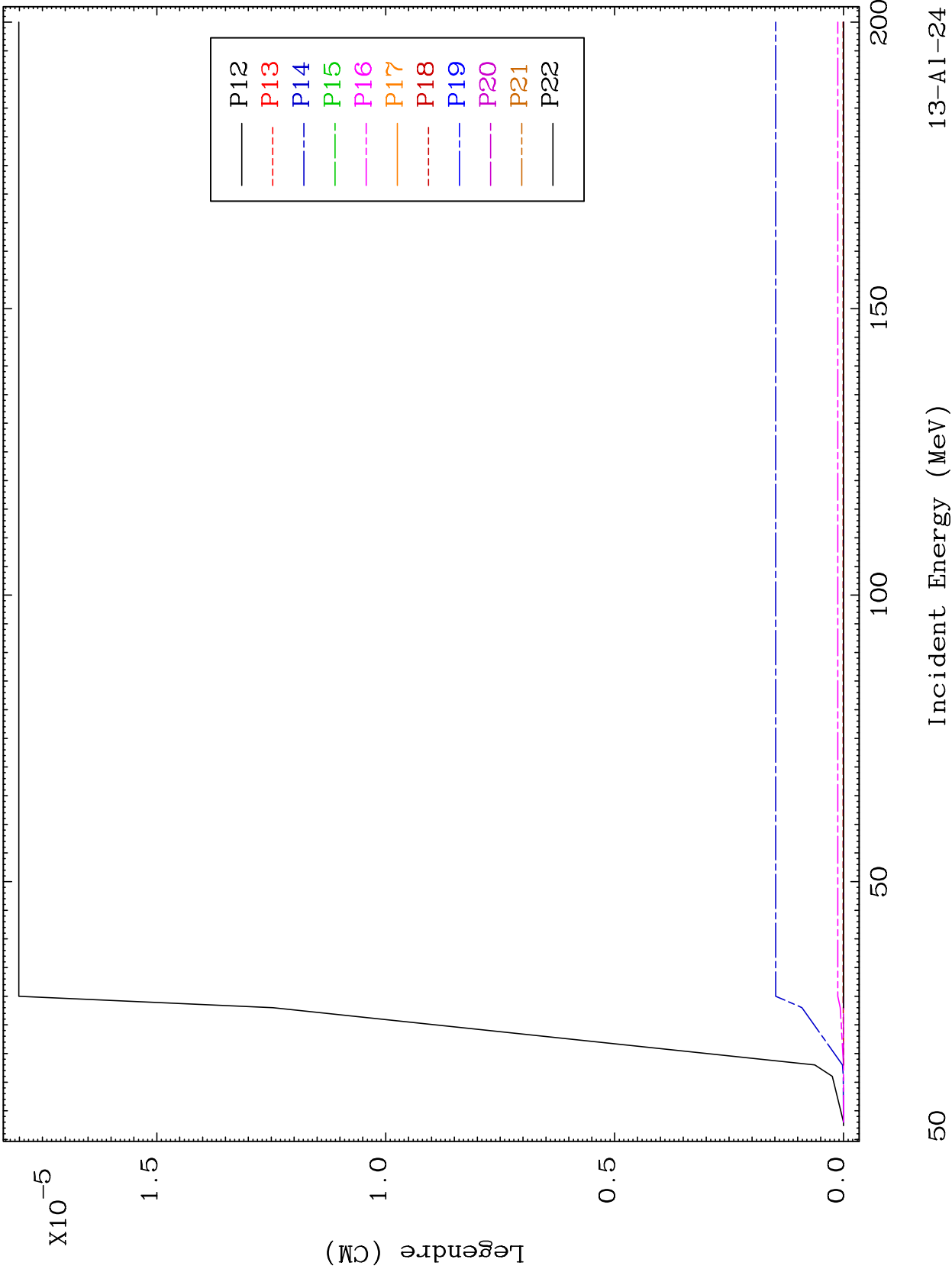
13-Al-24



MAT 1316

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

13-Al-24



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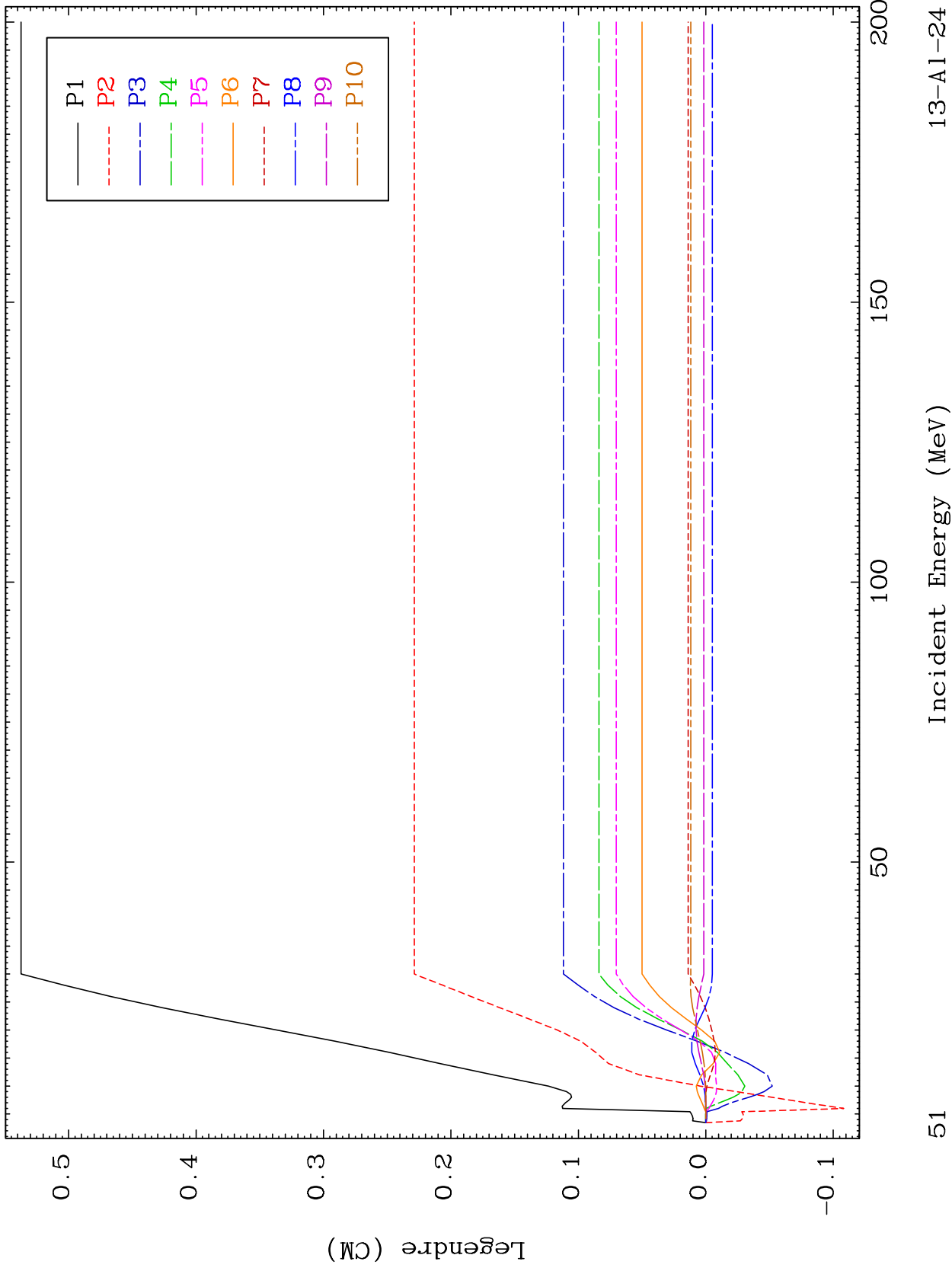
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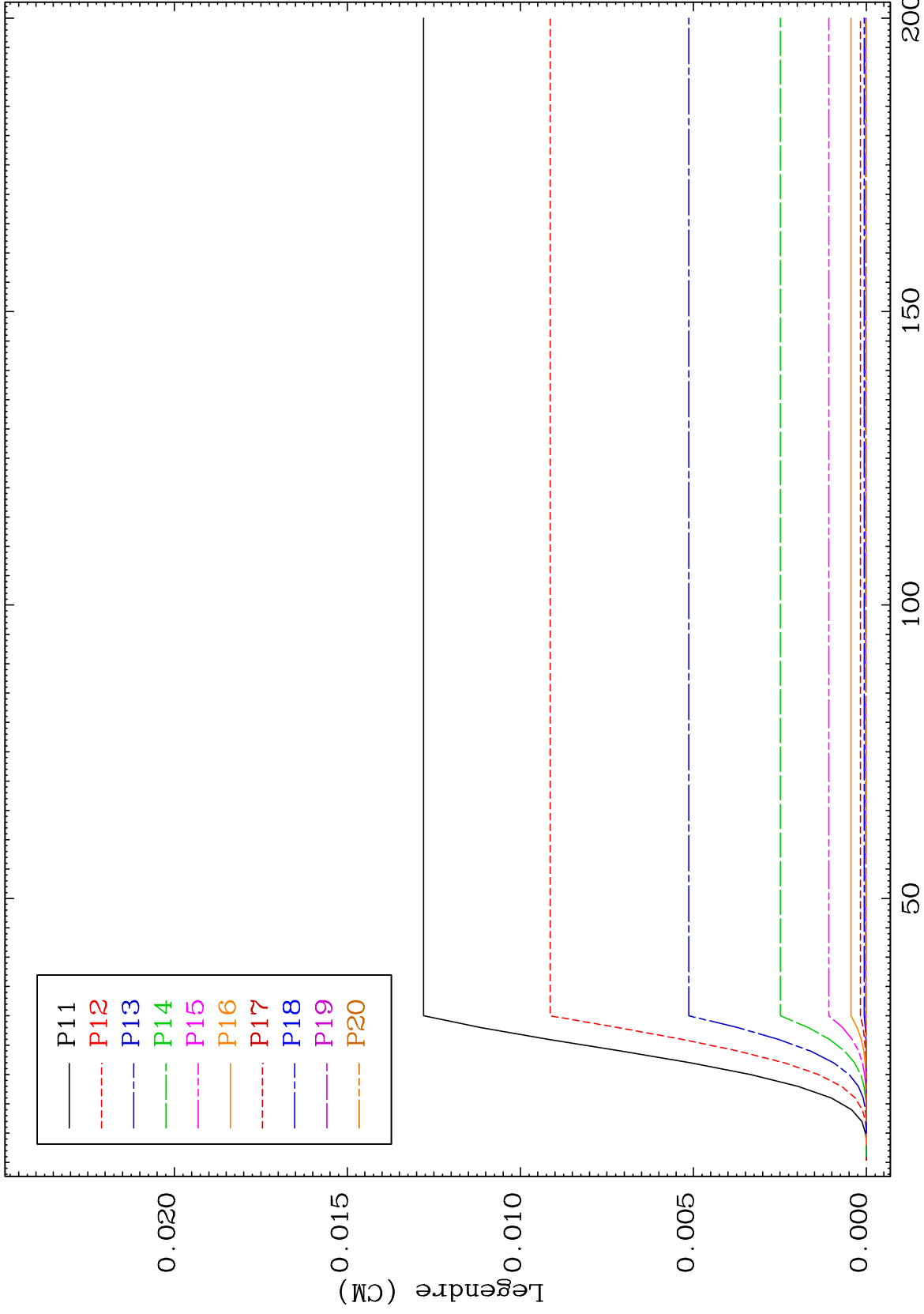
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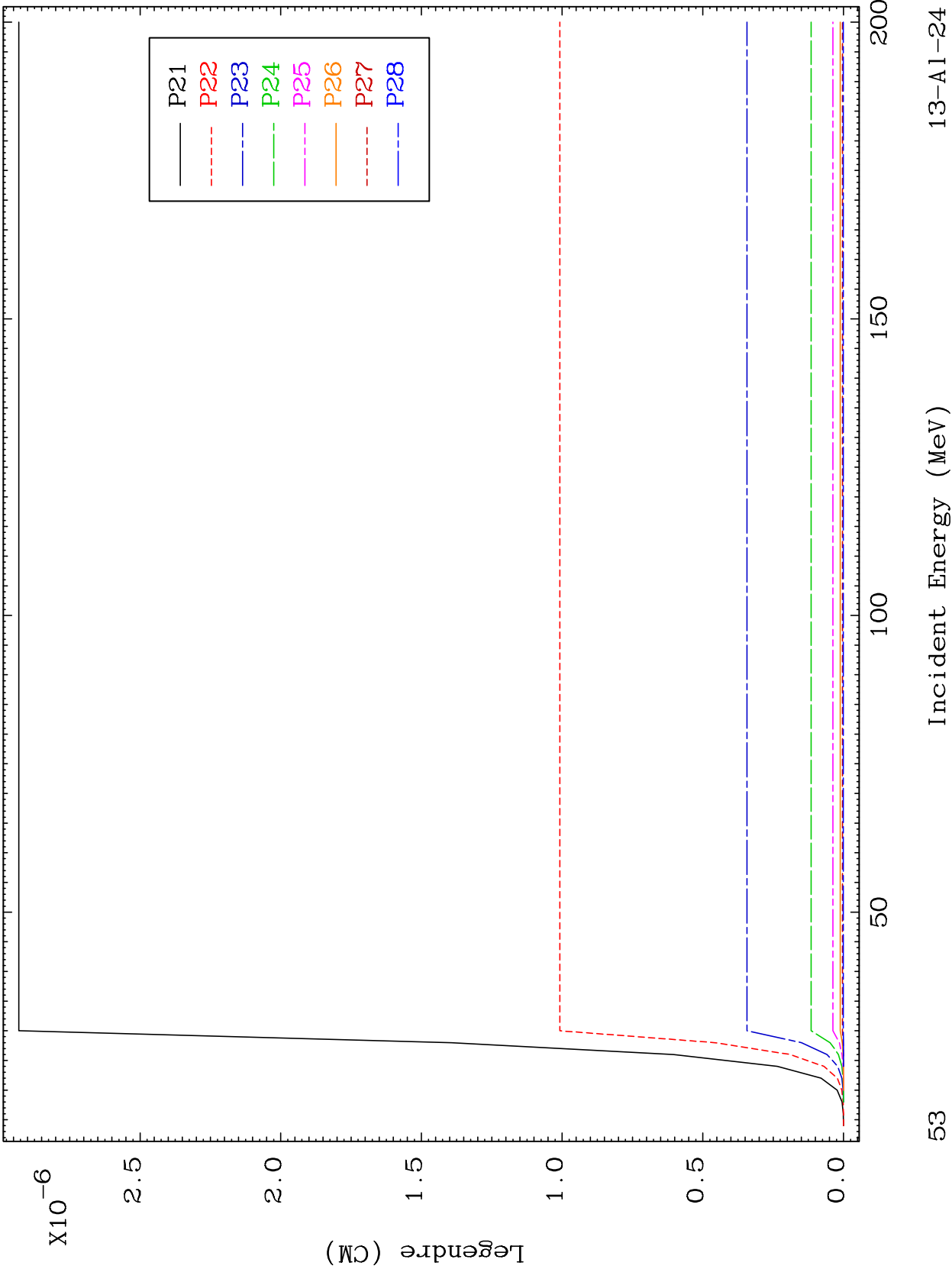
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13-Al-24



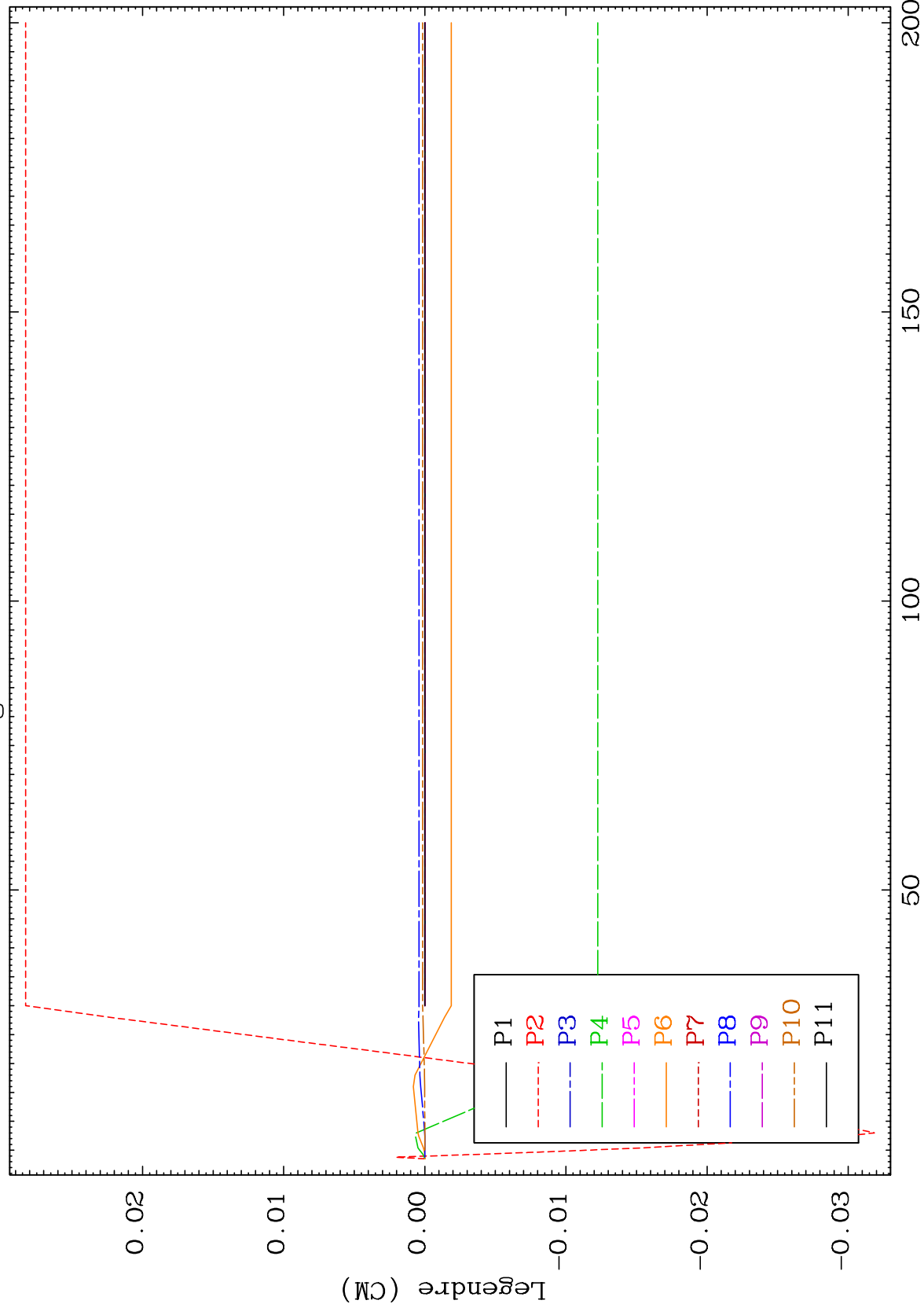




MAT 1316

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

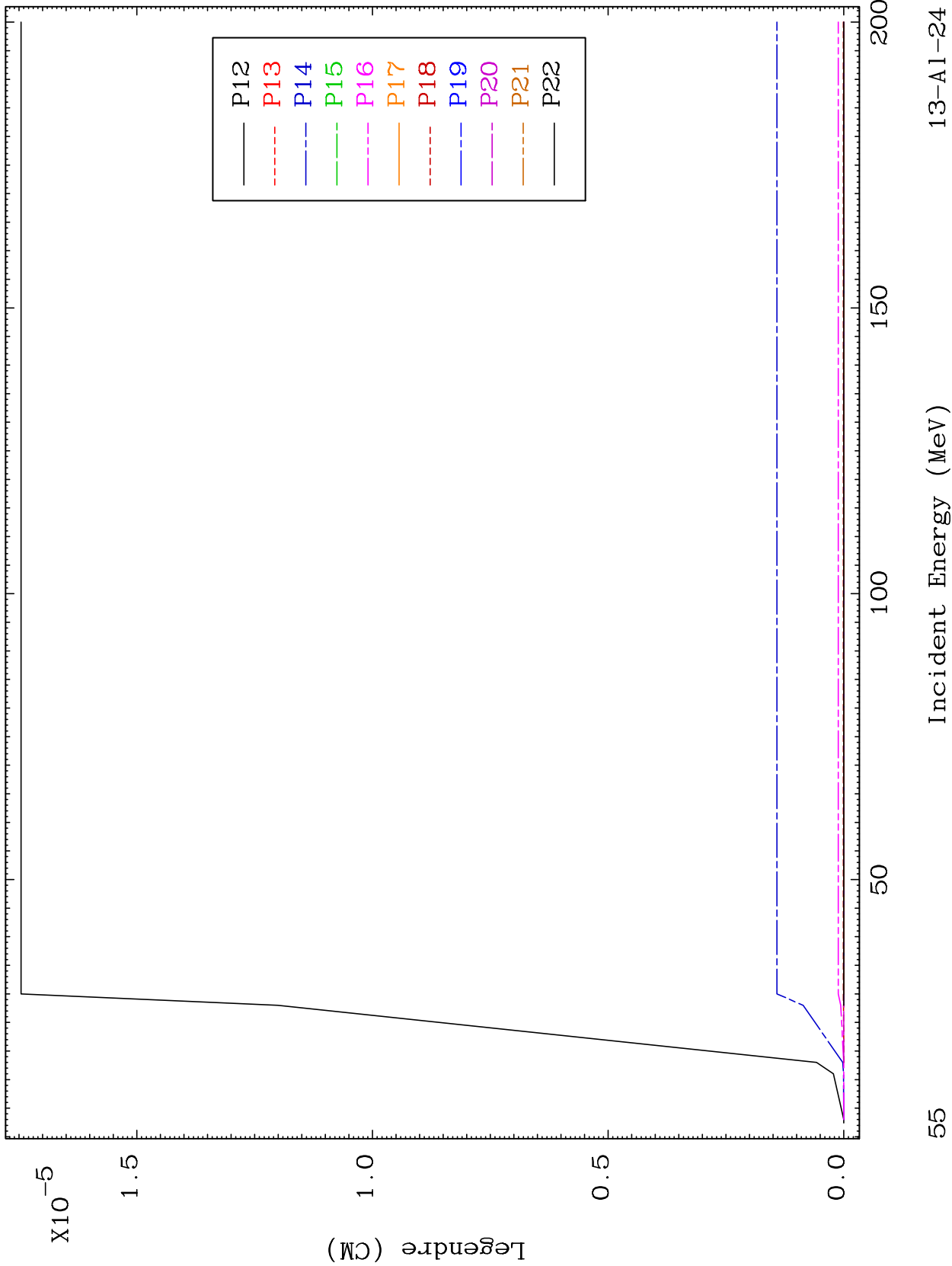
13-A1-24

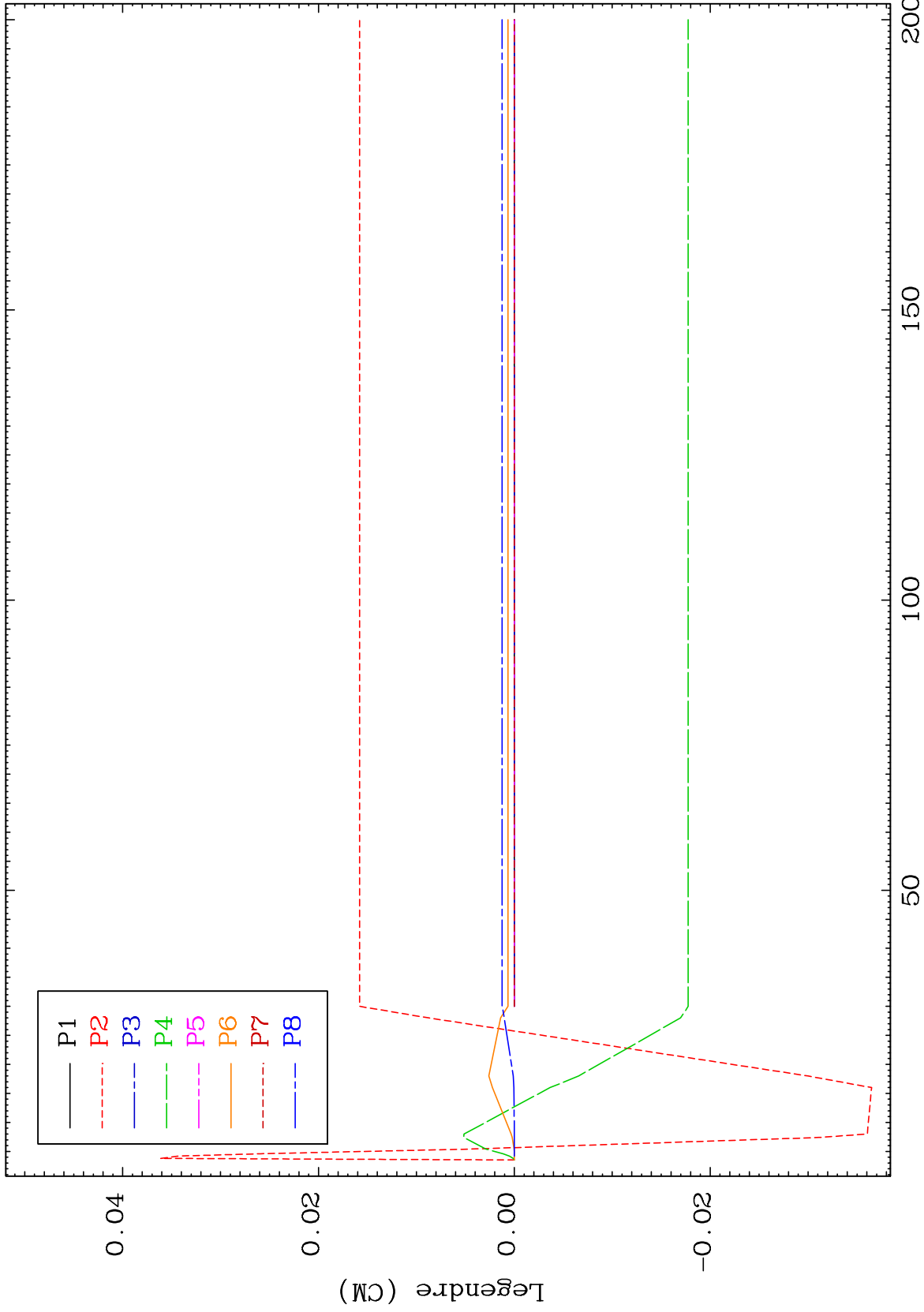


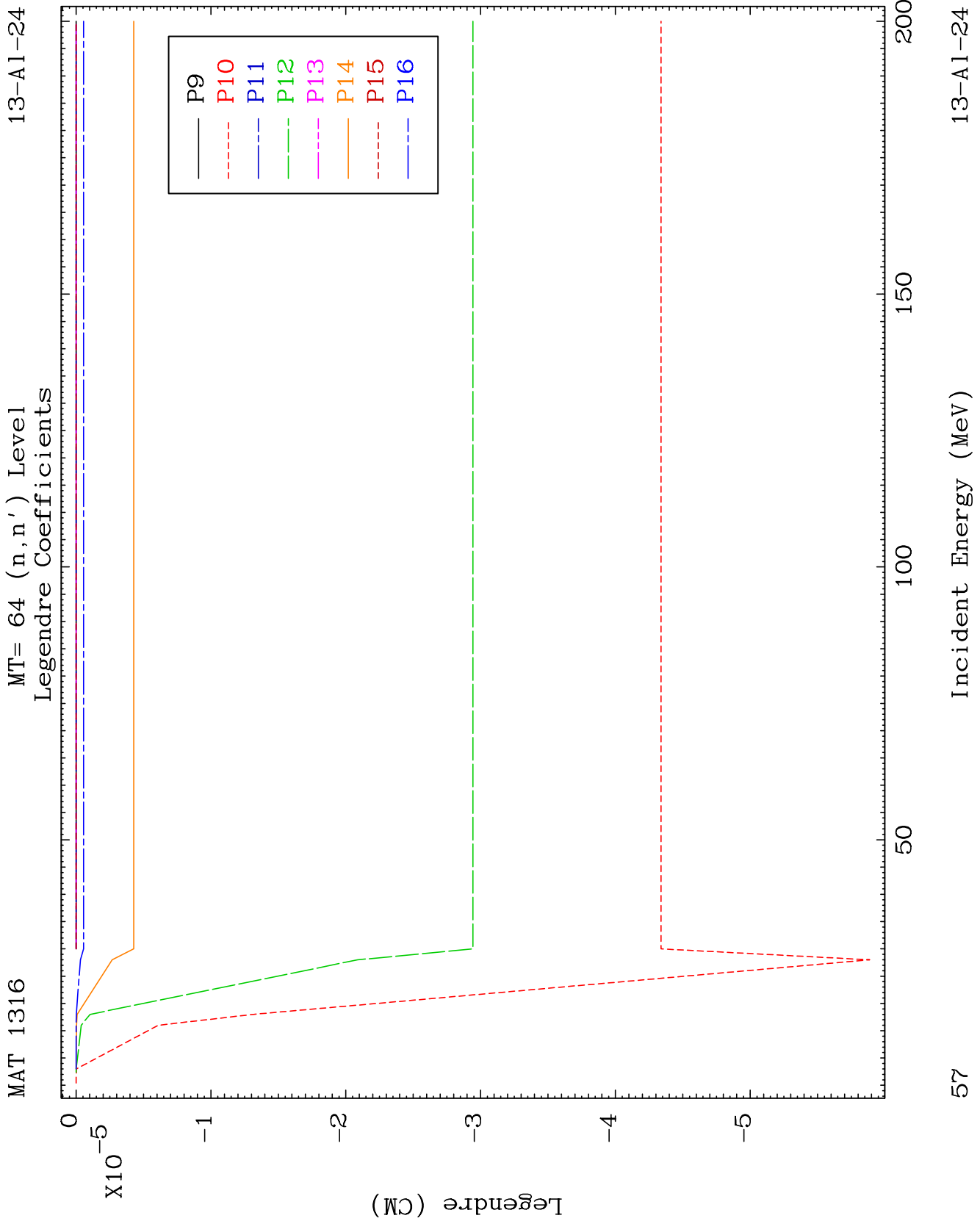
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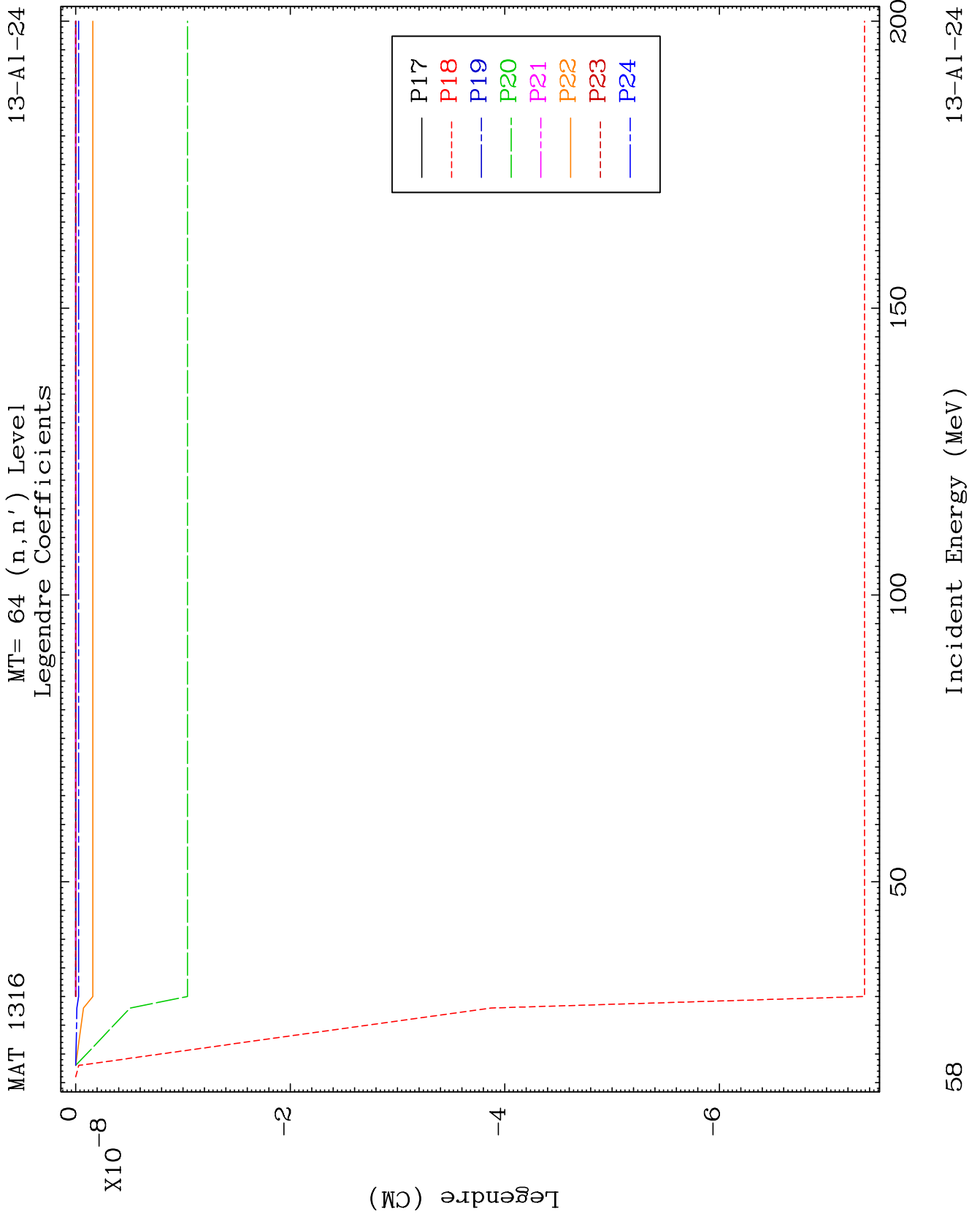
Incident Energy (MeV)

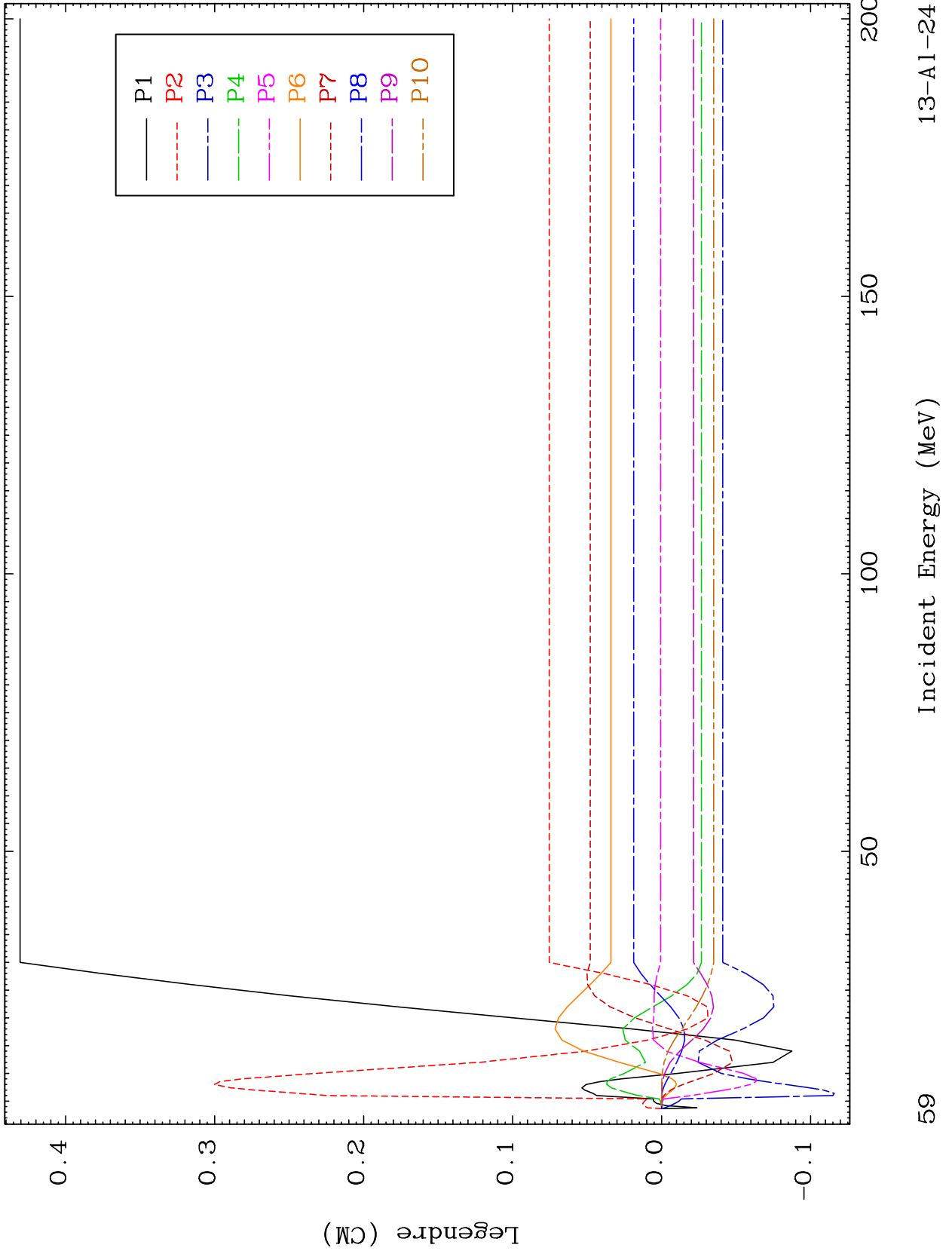
13-A1-24







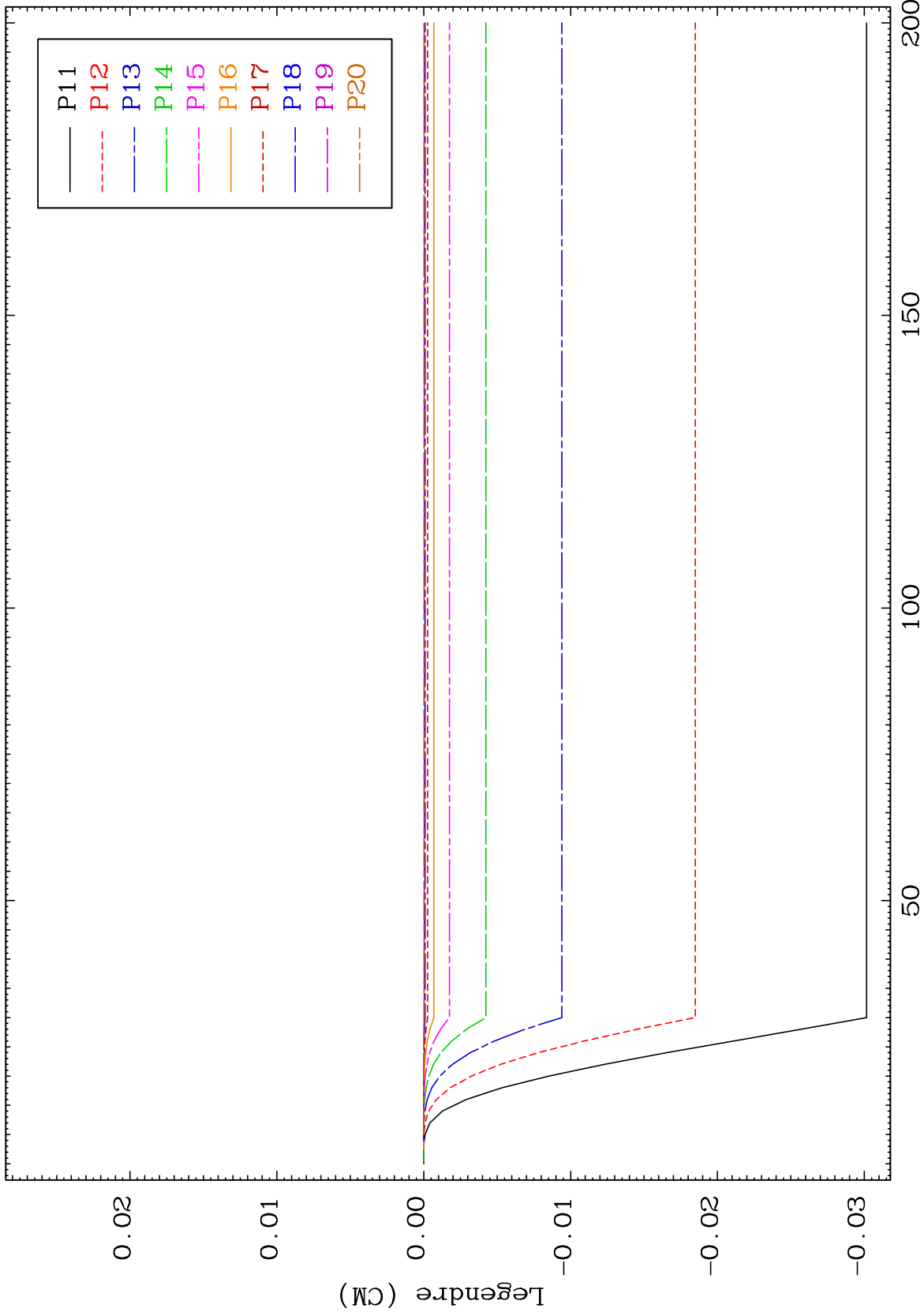




MAT 1316

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

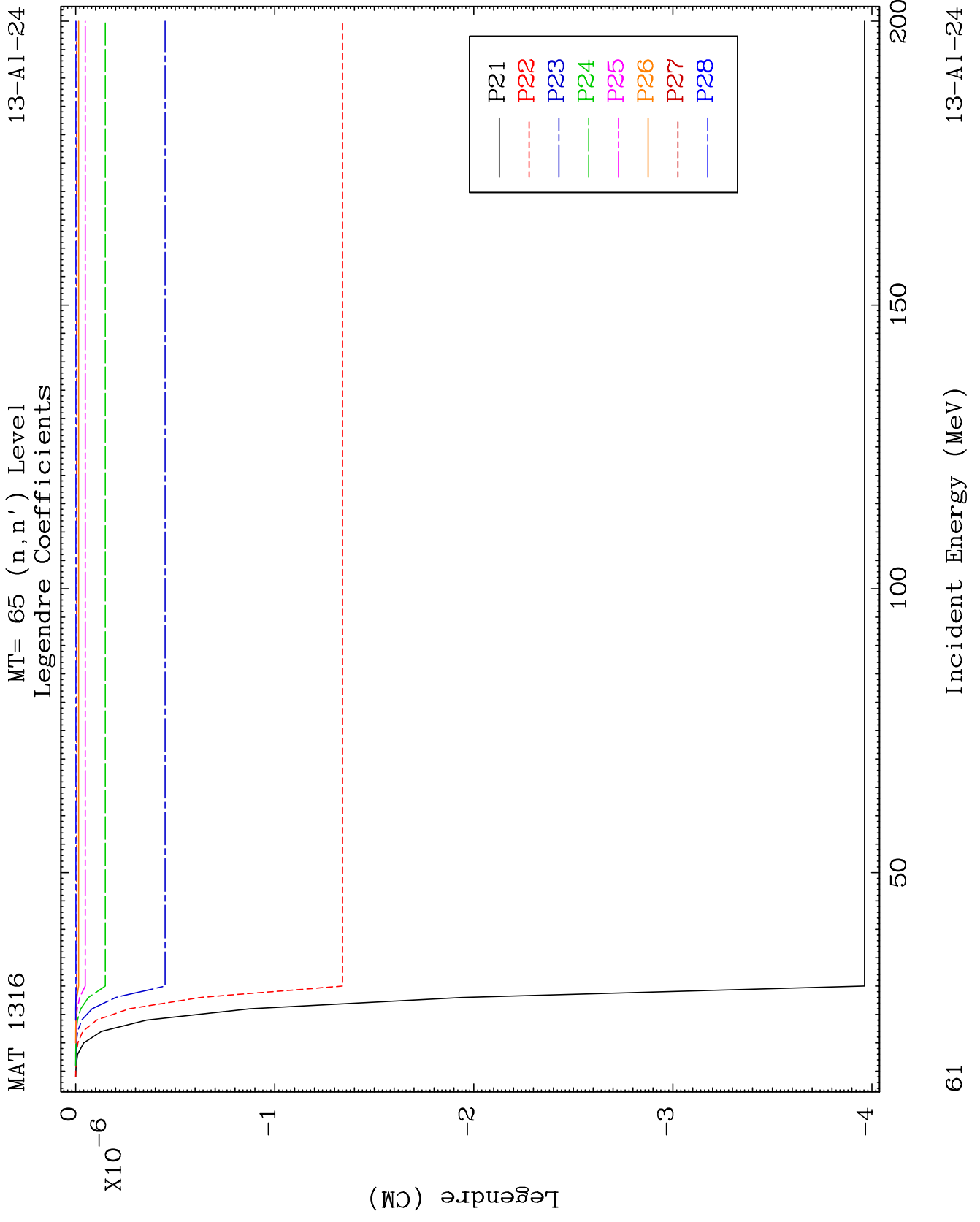
13-Al-24

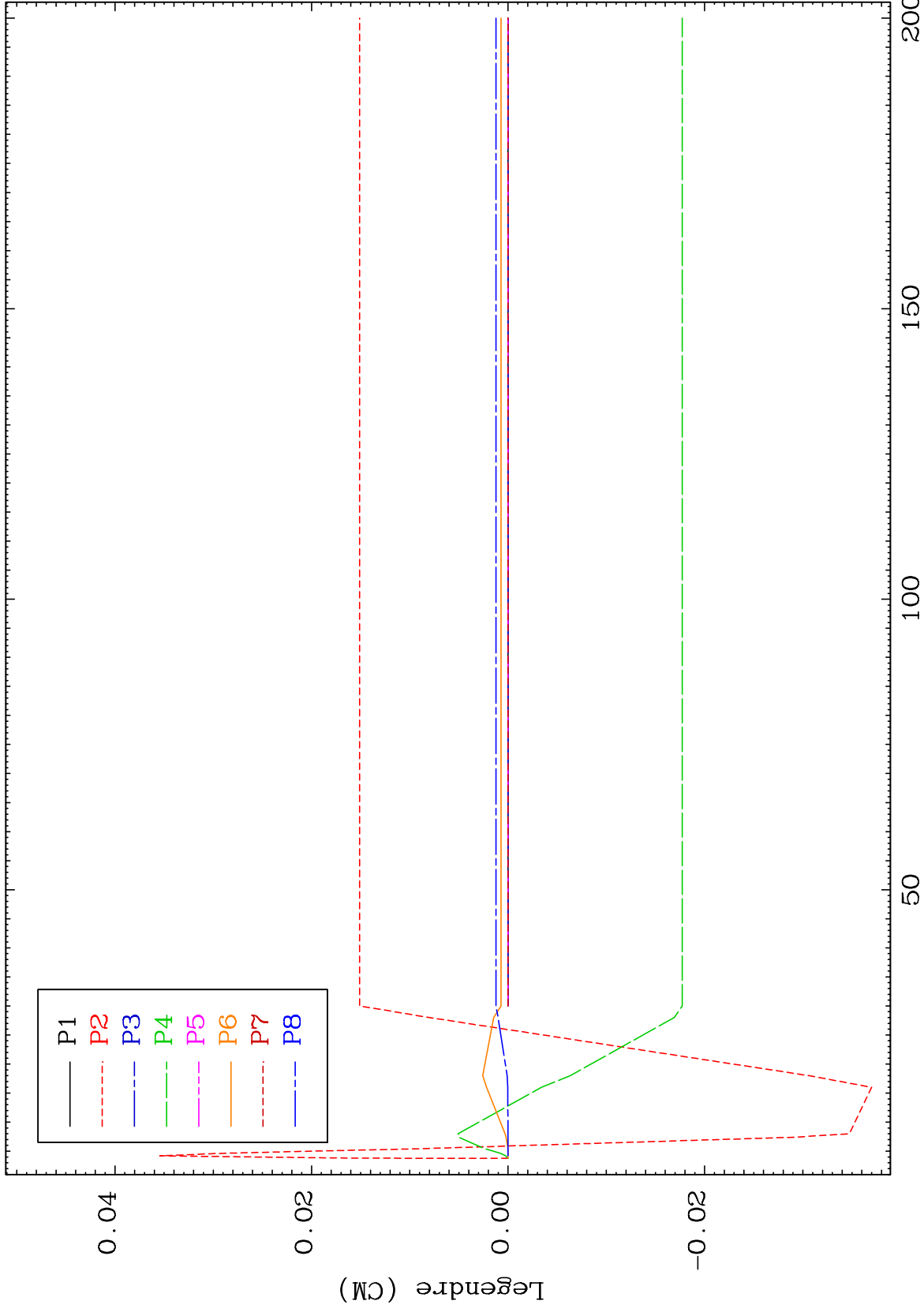


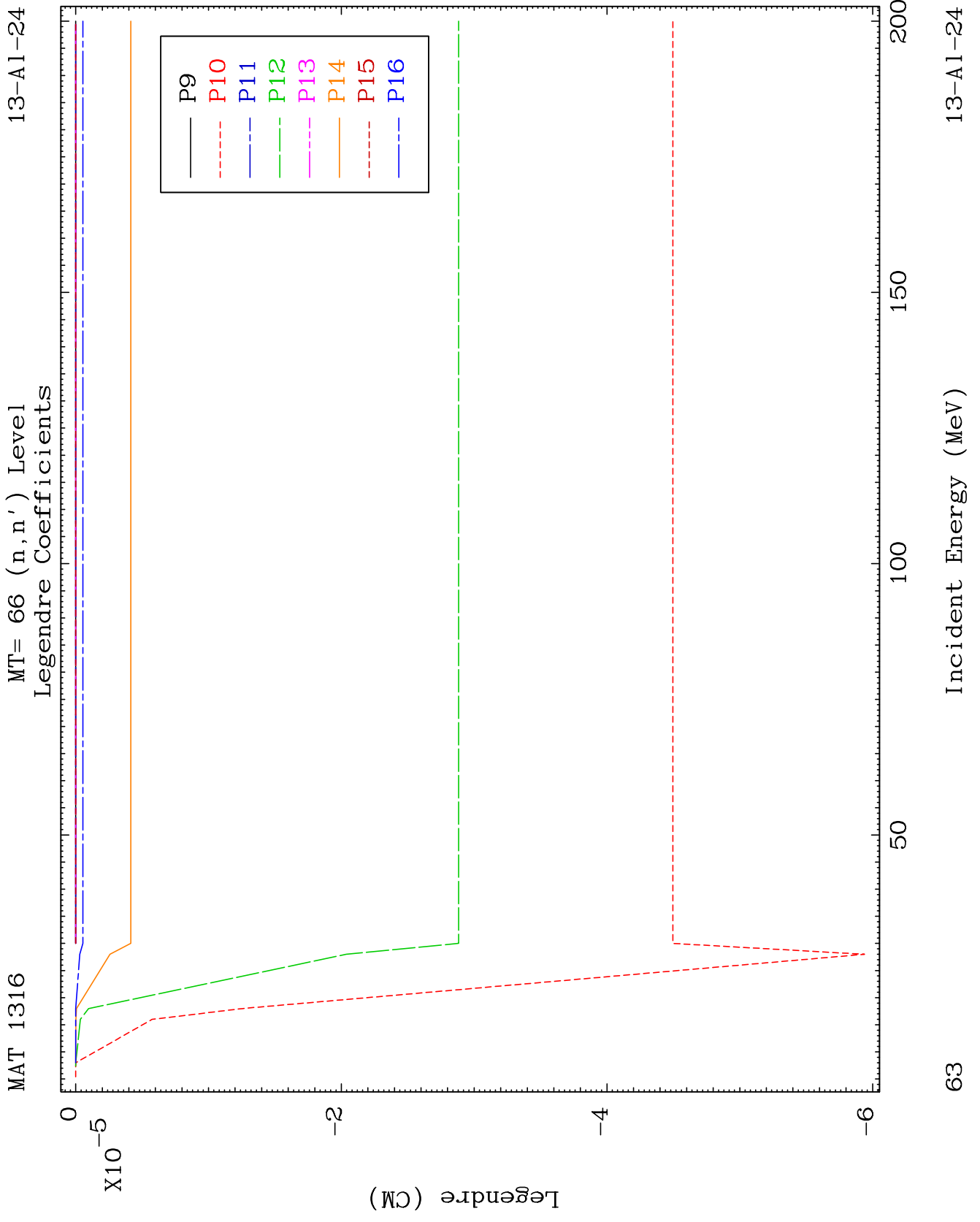
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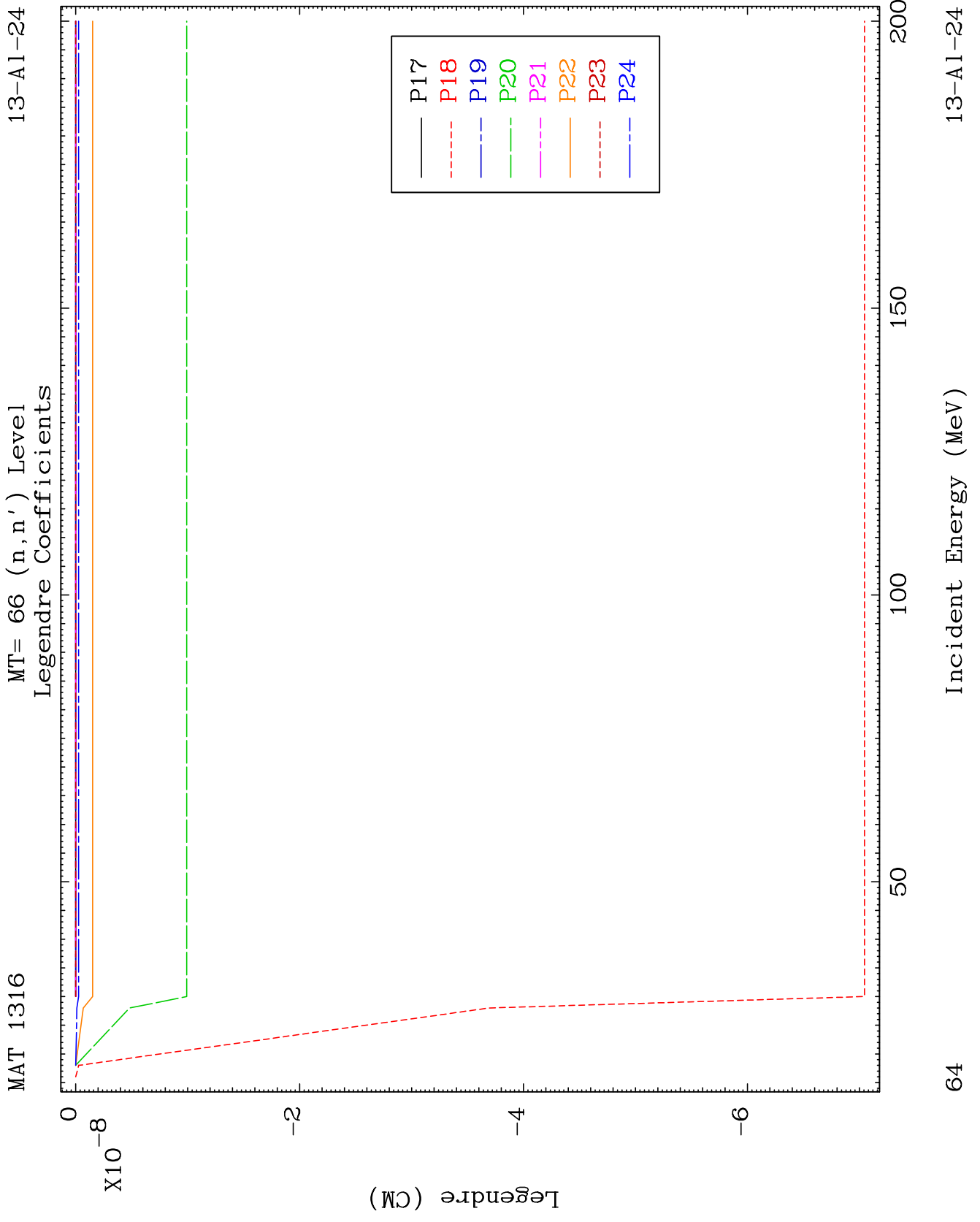
Incident Energy (MeV)

13-Al-24





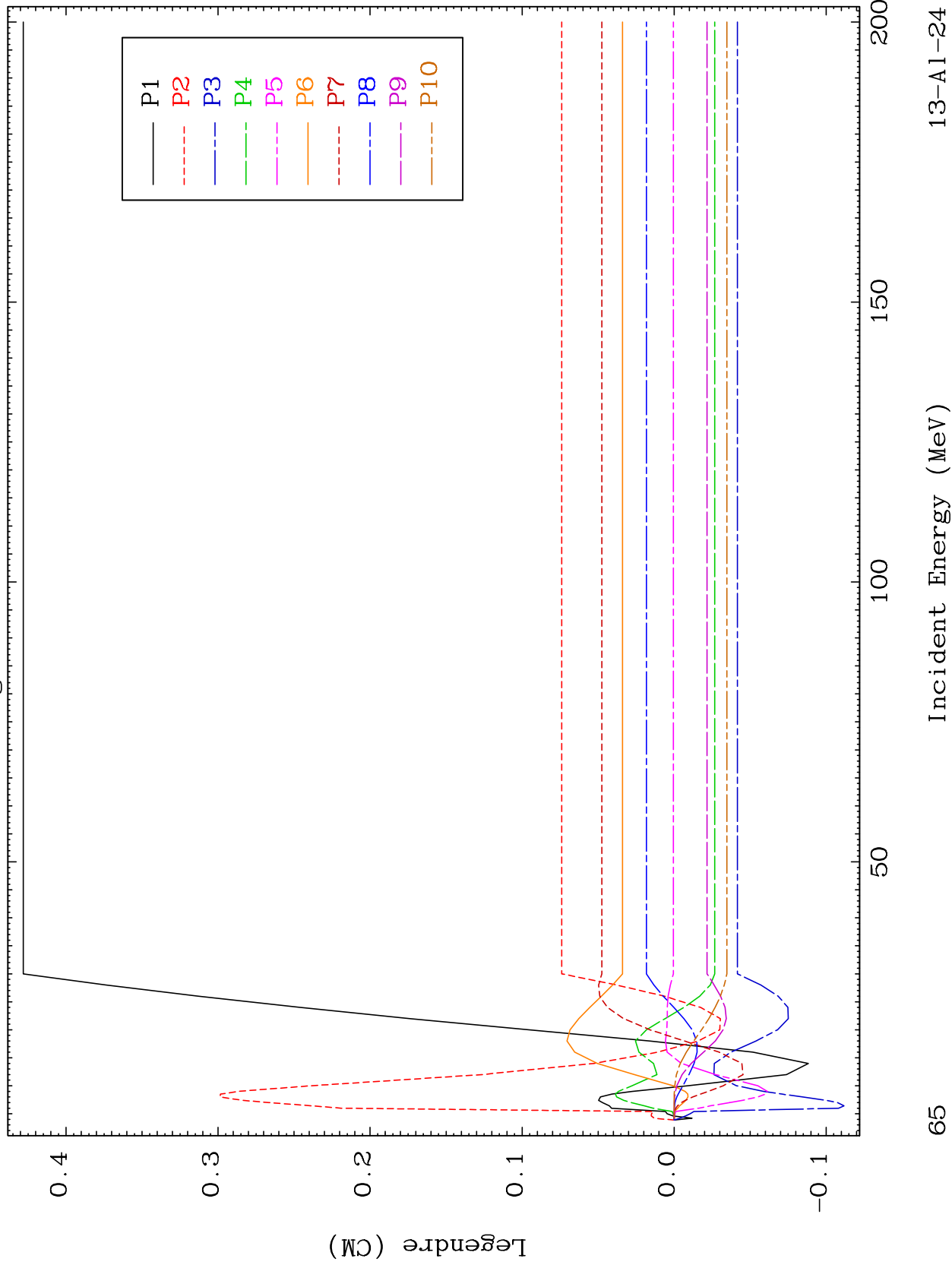




MAT 1316

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

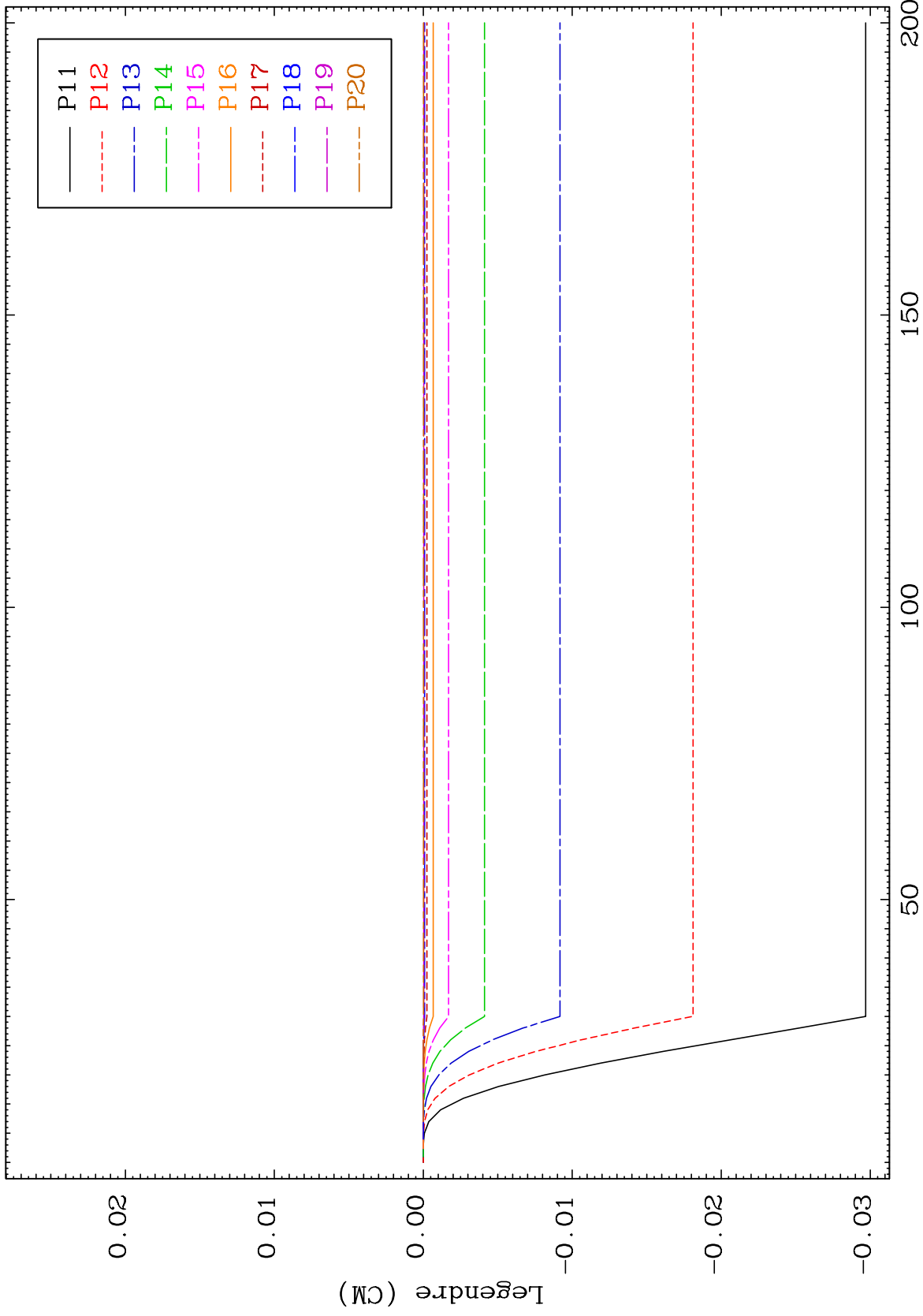
13-Al-24

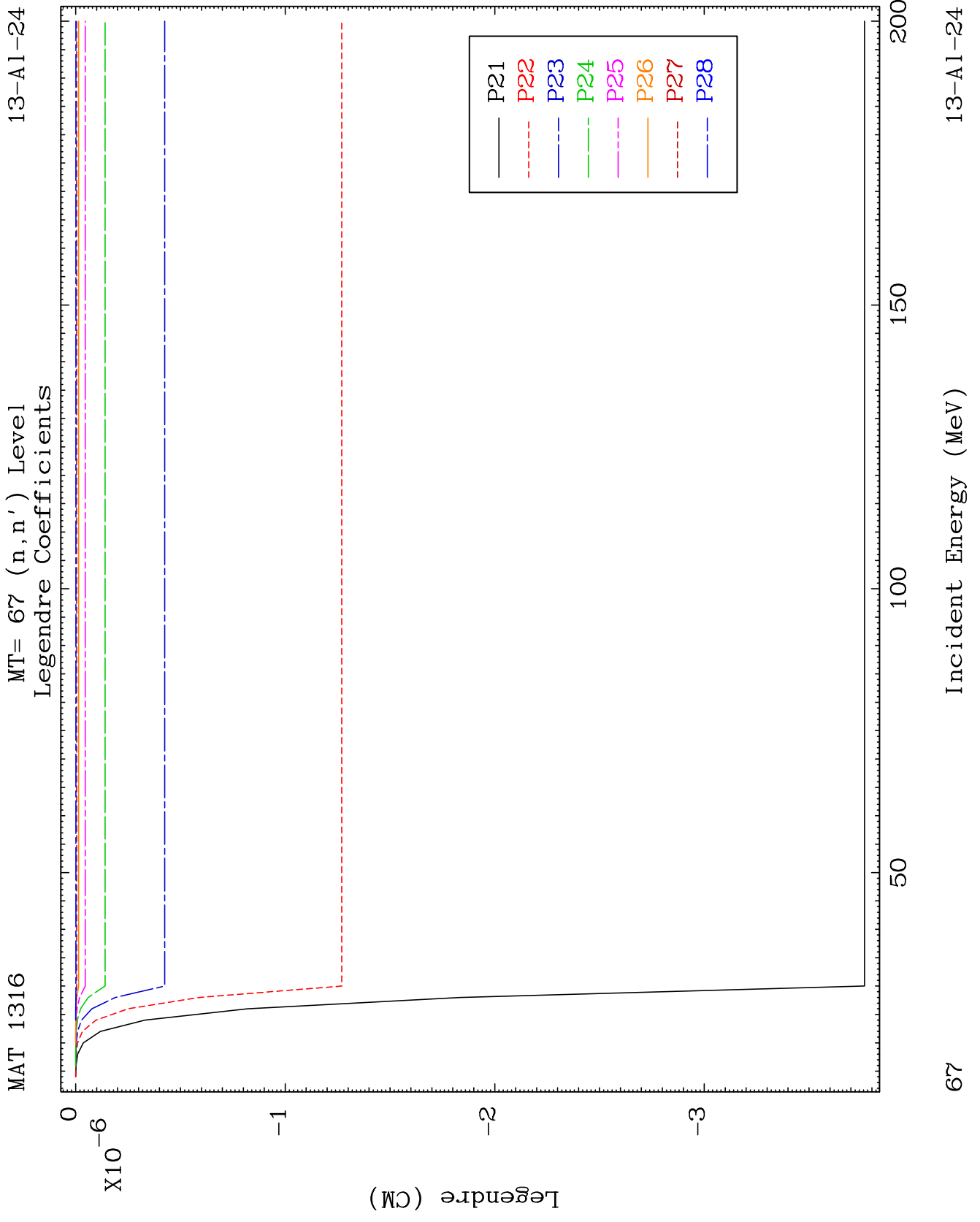


13-Al-24

Incident Energy (MeV)

65



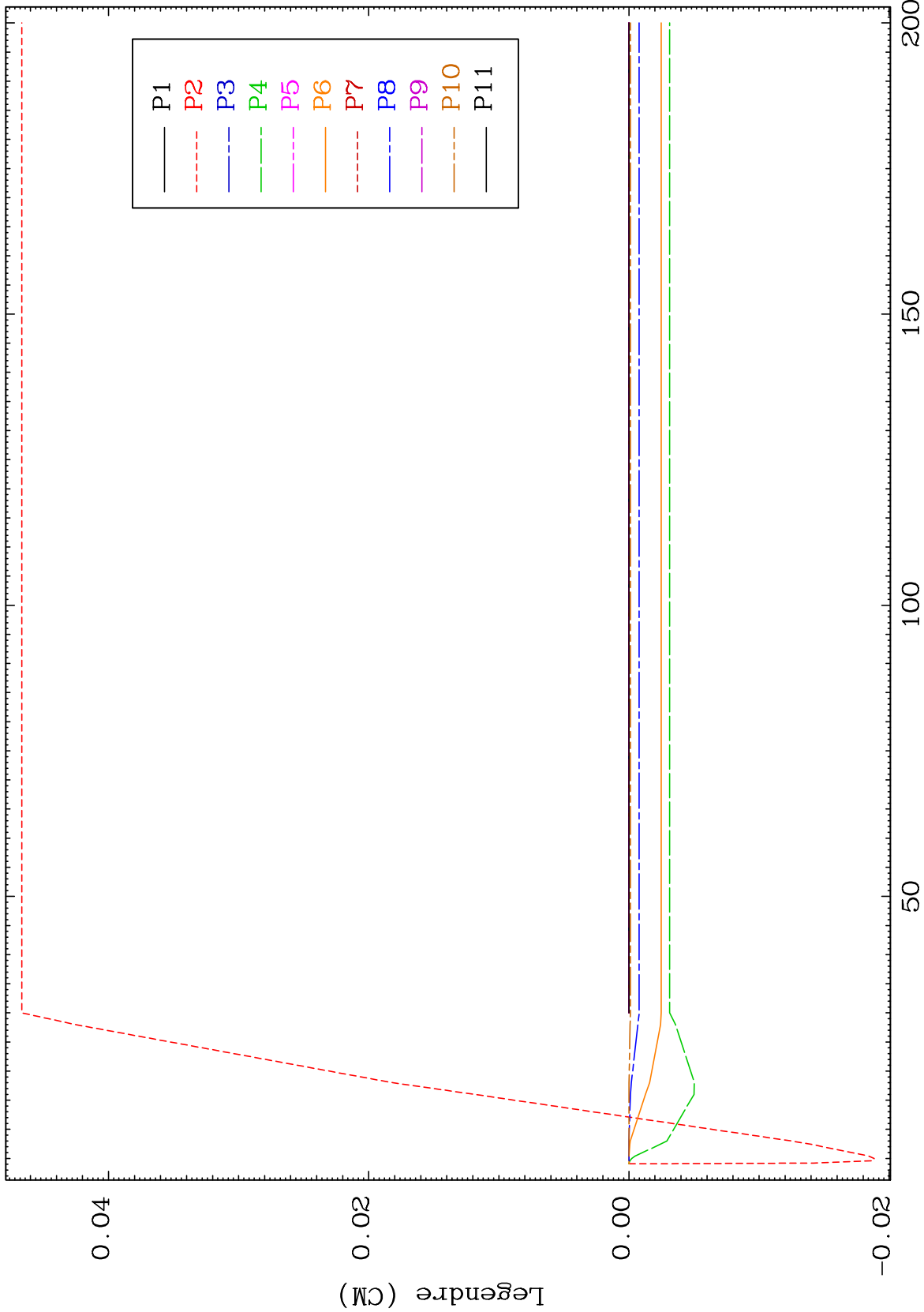


MAT 1316

MT= 68 (n,n') Level

13-A1-24

Legendre Coefficients



68

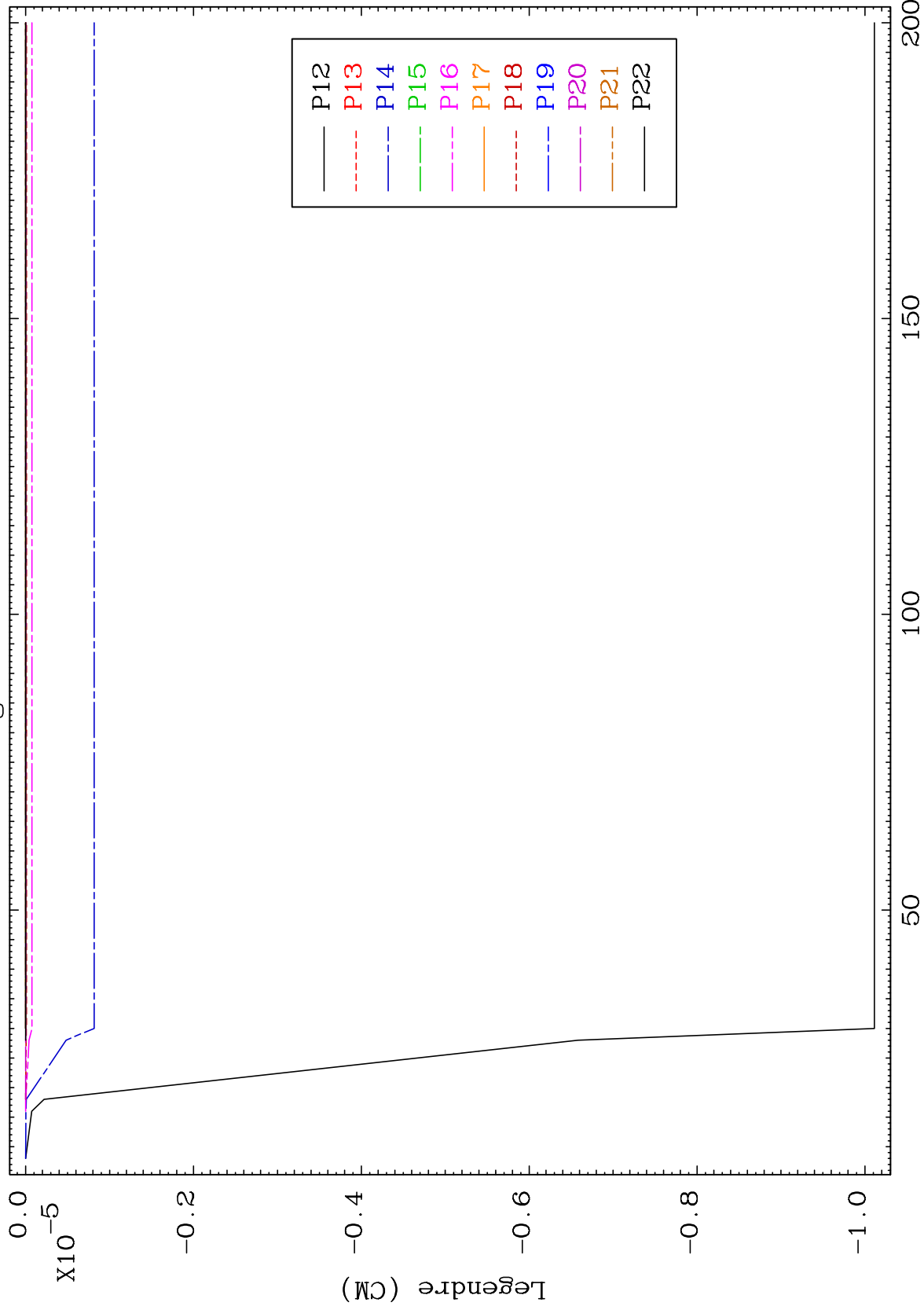
Incident Energy (MeV)

13-A1-24

MAT 1316

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

13-A1 -24



69

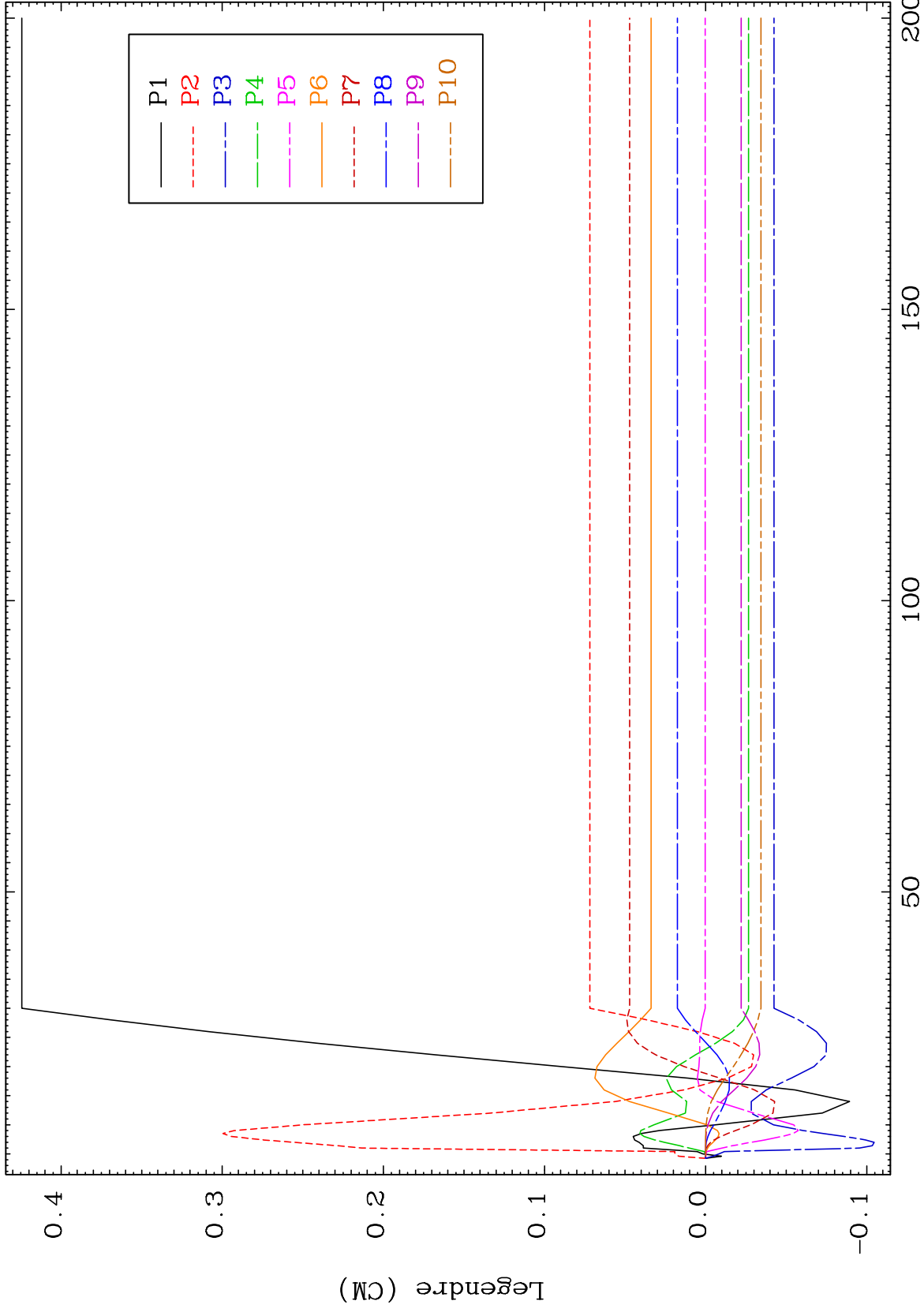
Incident Energy (MeV)

13-A1 -24

MAT 1316

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

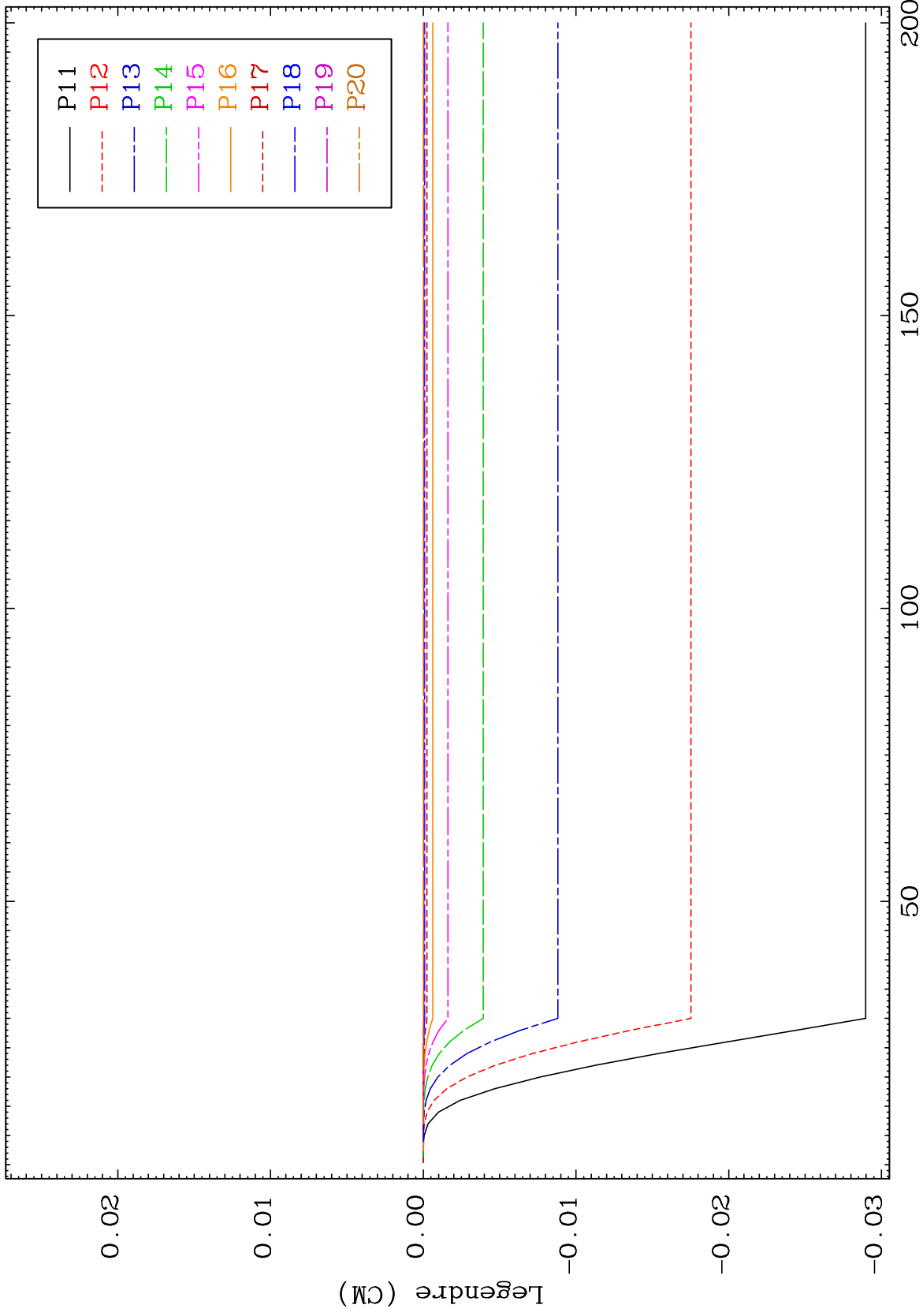
13-A1-24

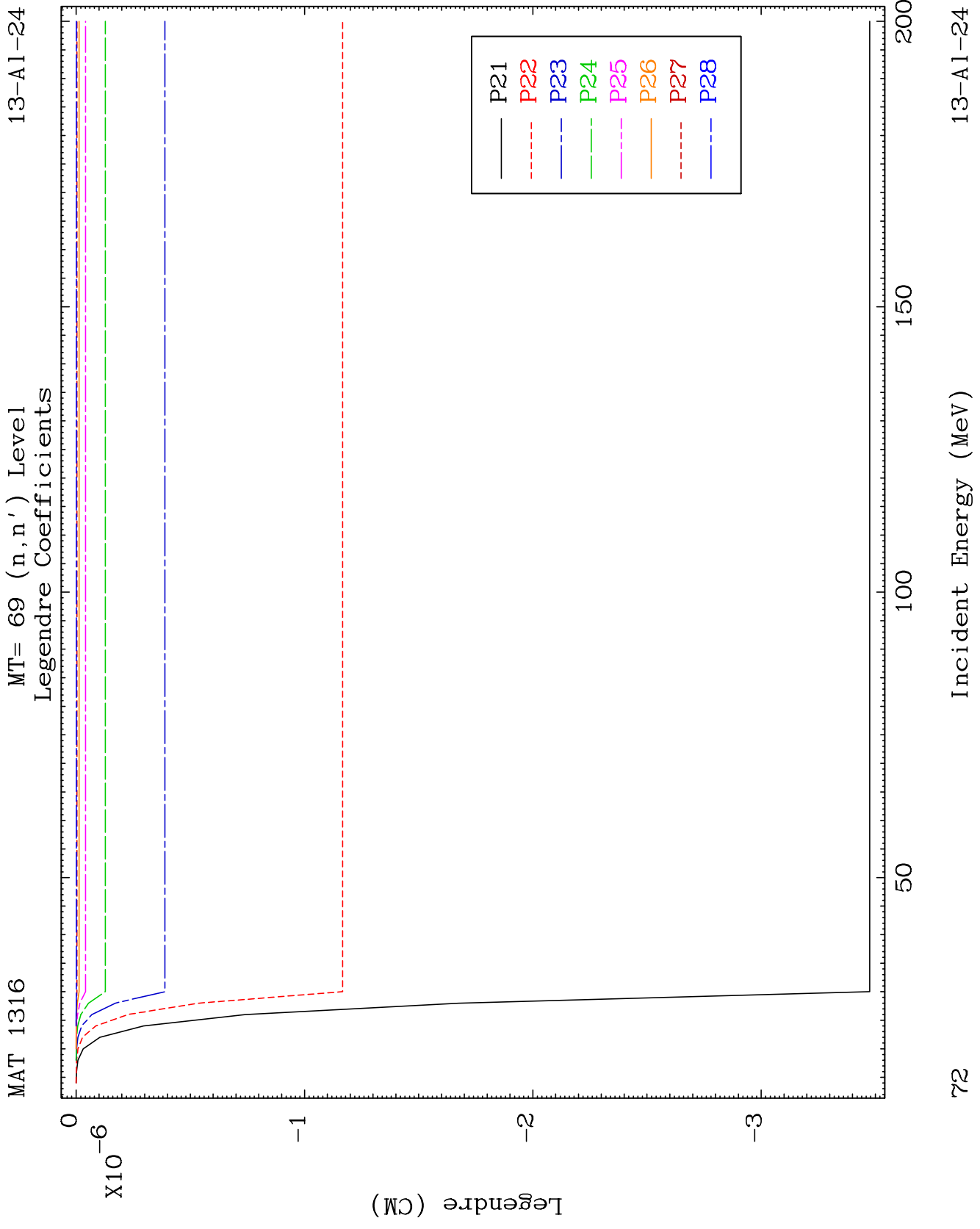


Incident Energy (MeV)

13-A1-24

70

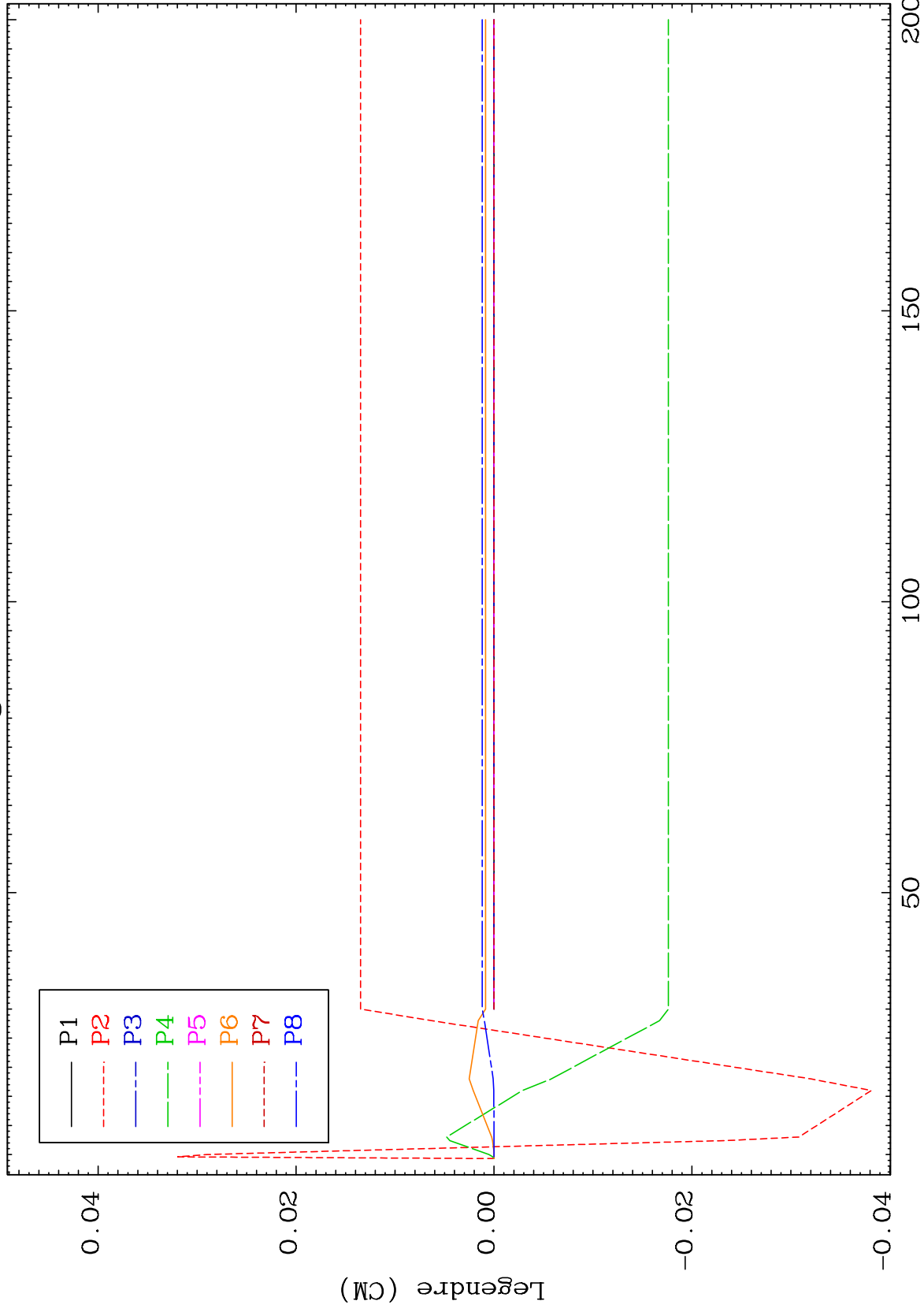




MAT 1316

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

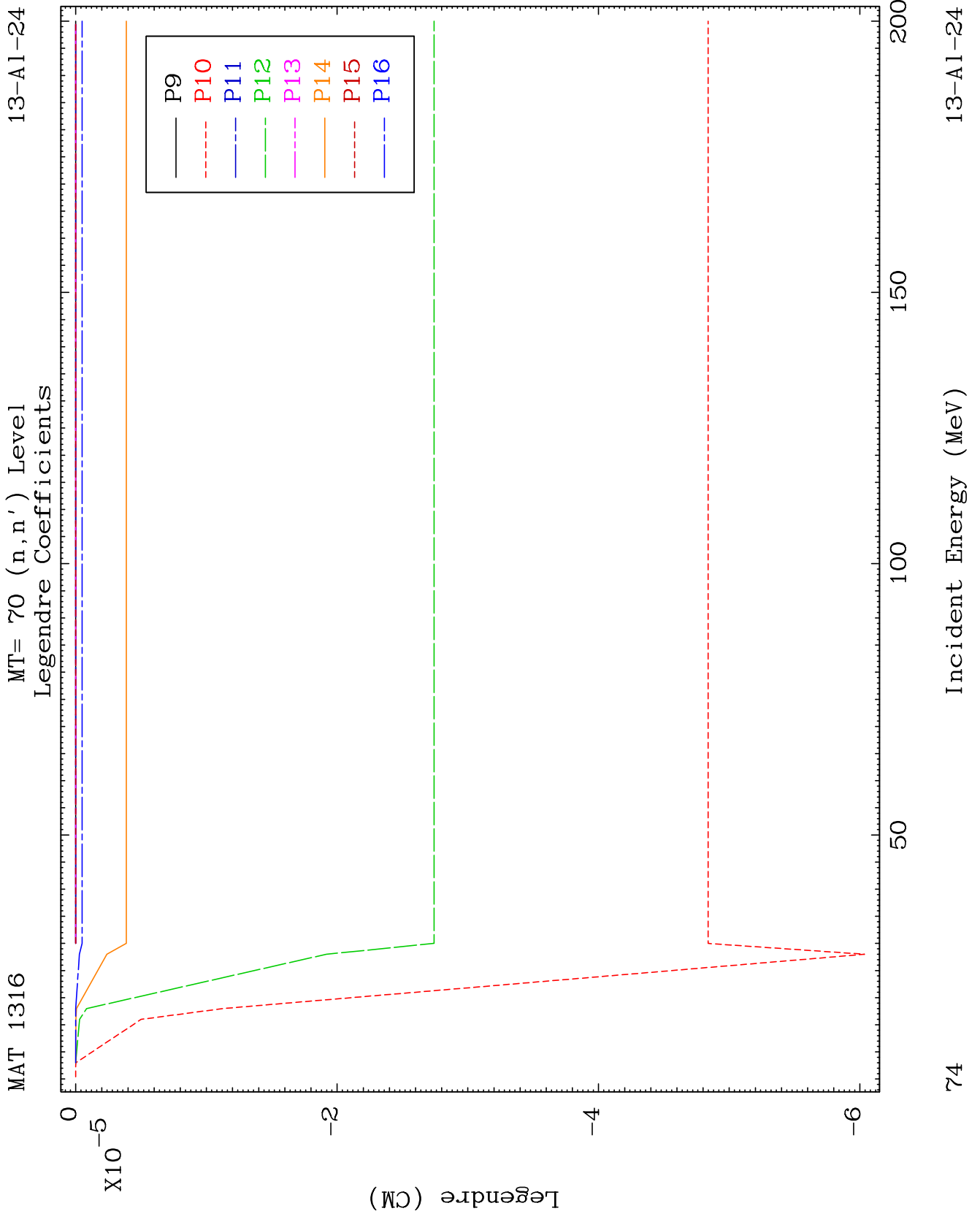
13-A1-24

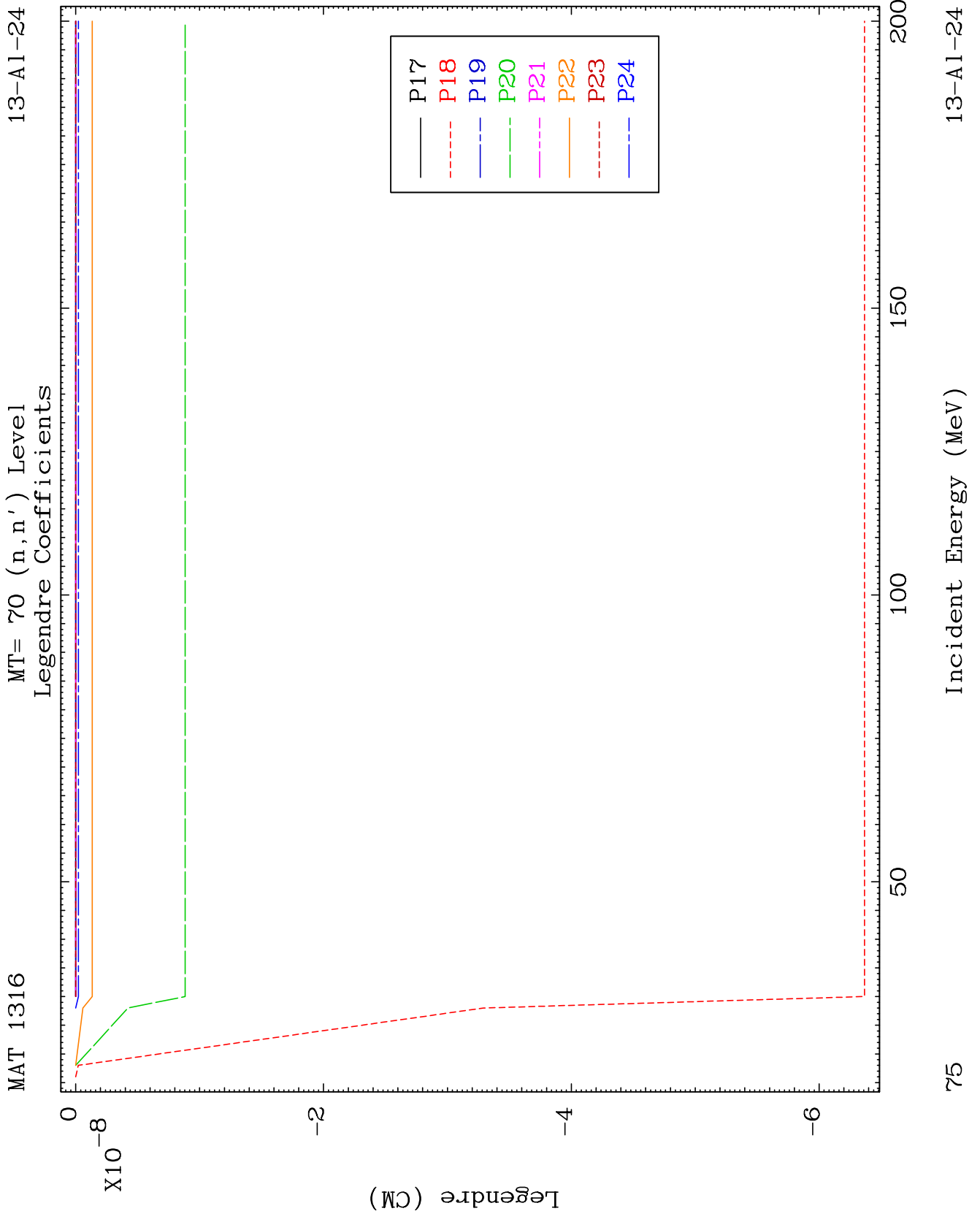


73

Incident Energy (MeV)

13-A1-24

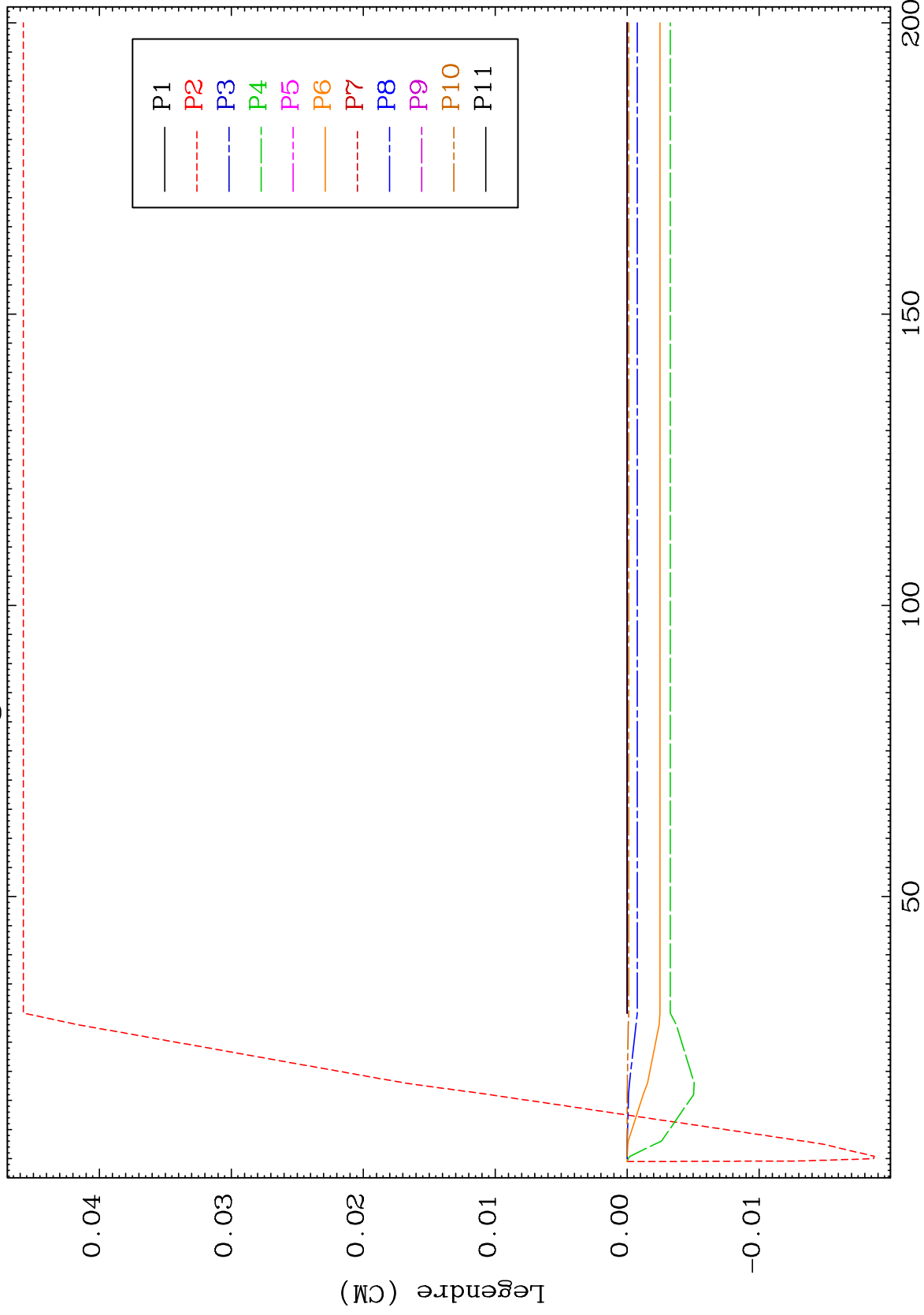




MAT 1316

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

13-A1-24



76

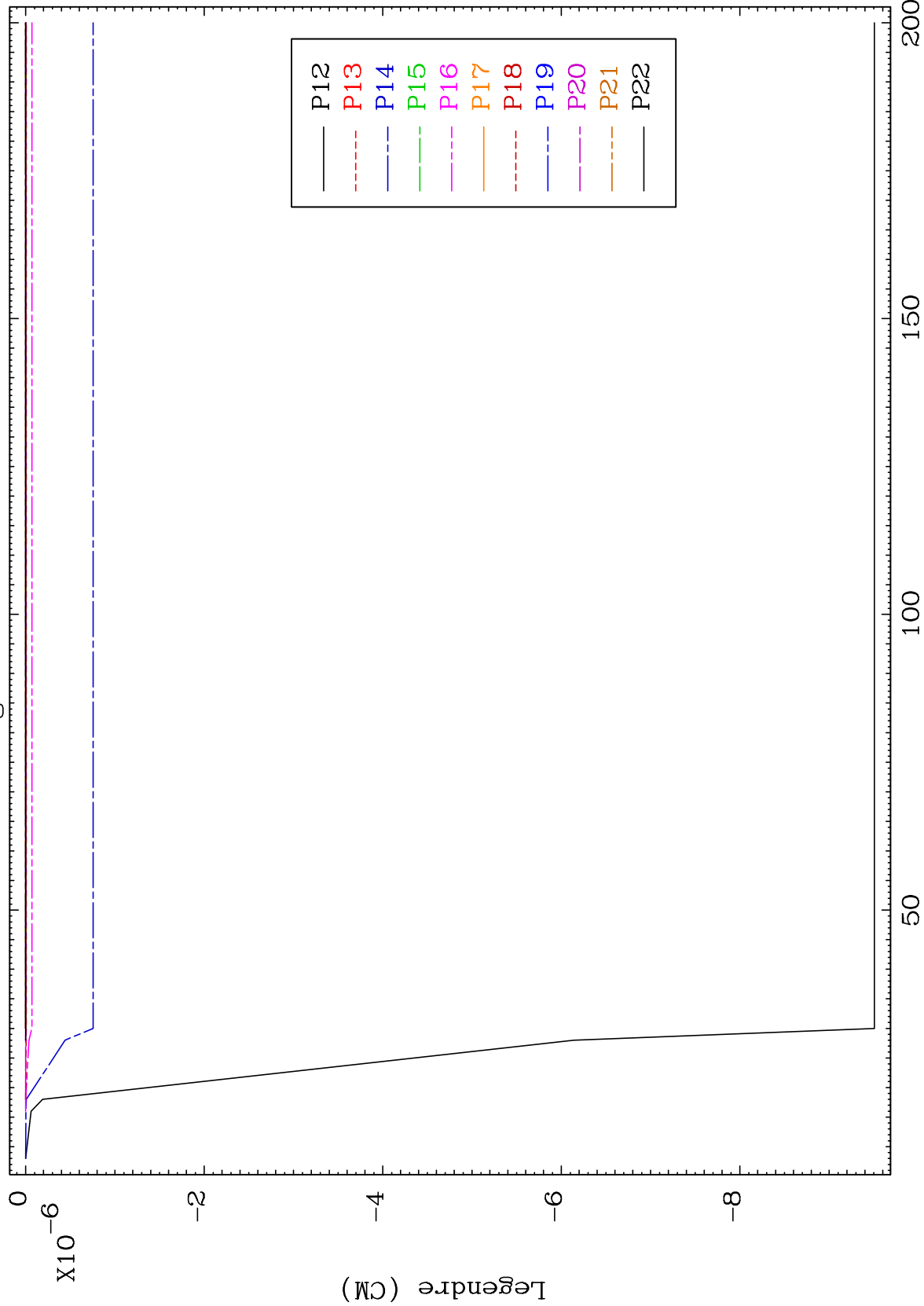
Incident Energy (MeV)

13-A1-24

MAT 1316

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

13-Al-24



77

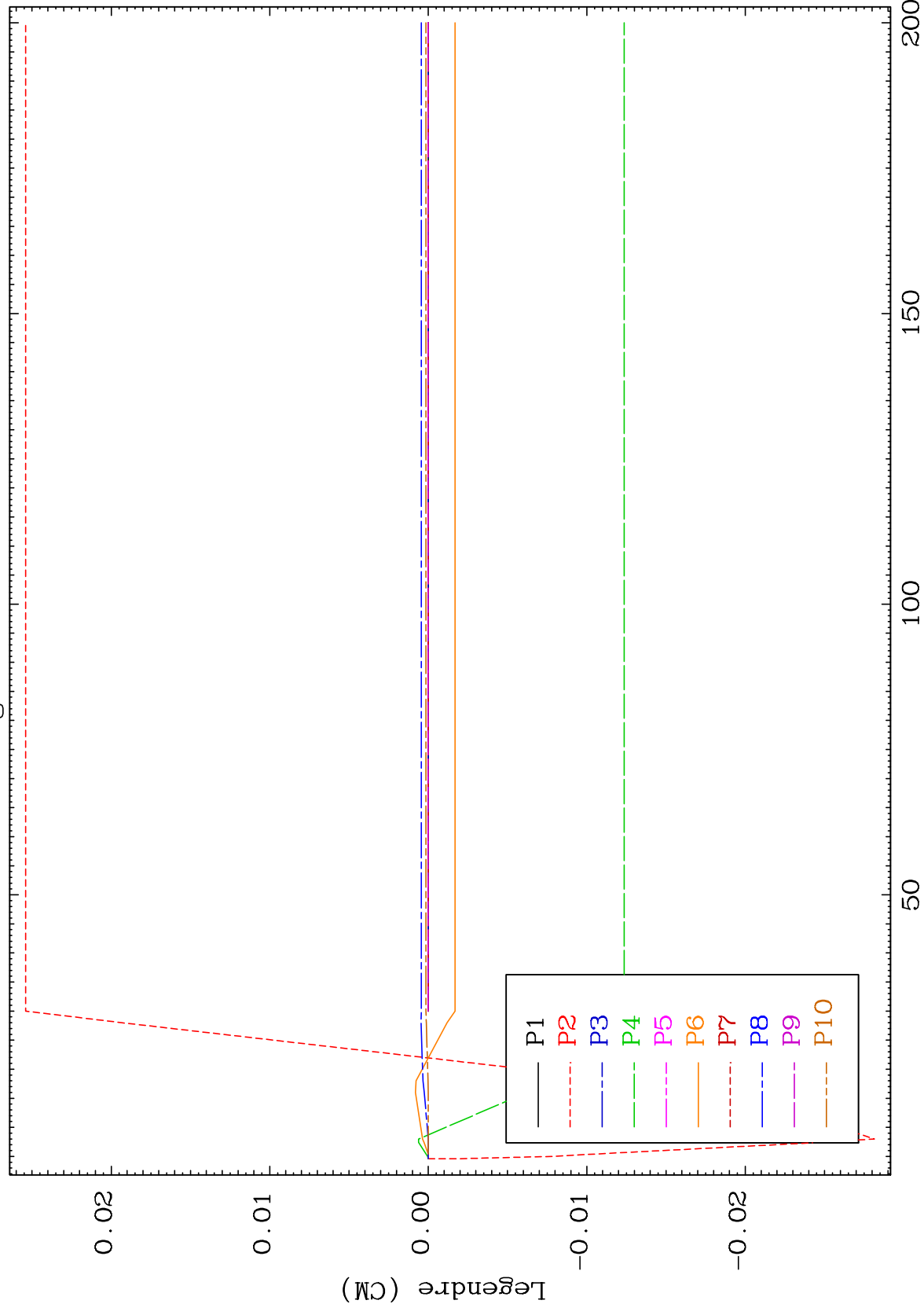
Incident Energy (MeV)

13-Al-24

MAT 1316

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

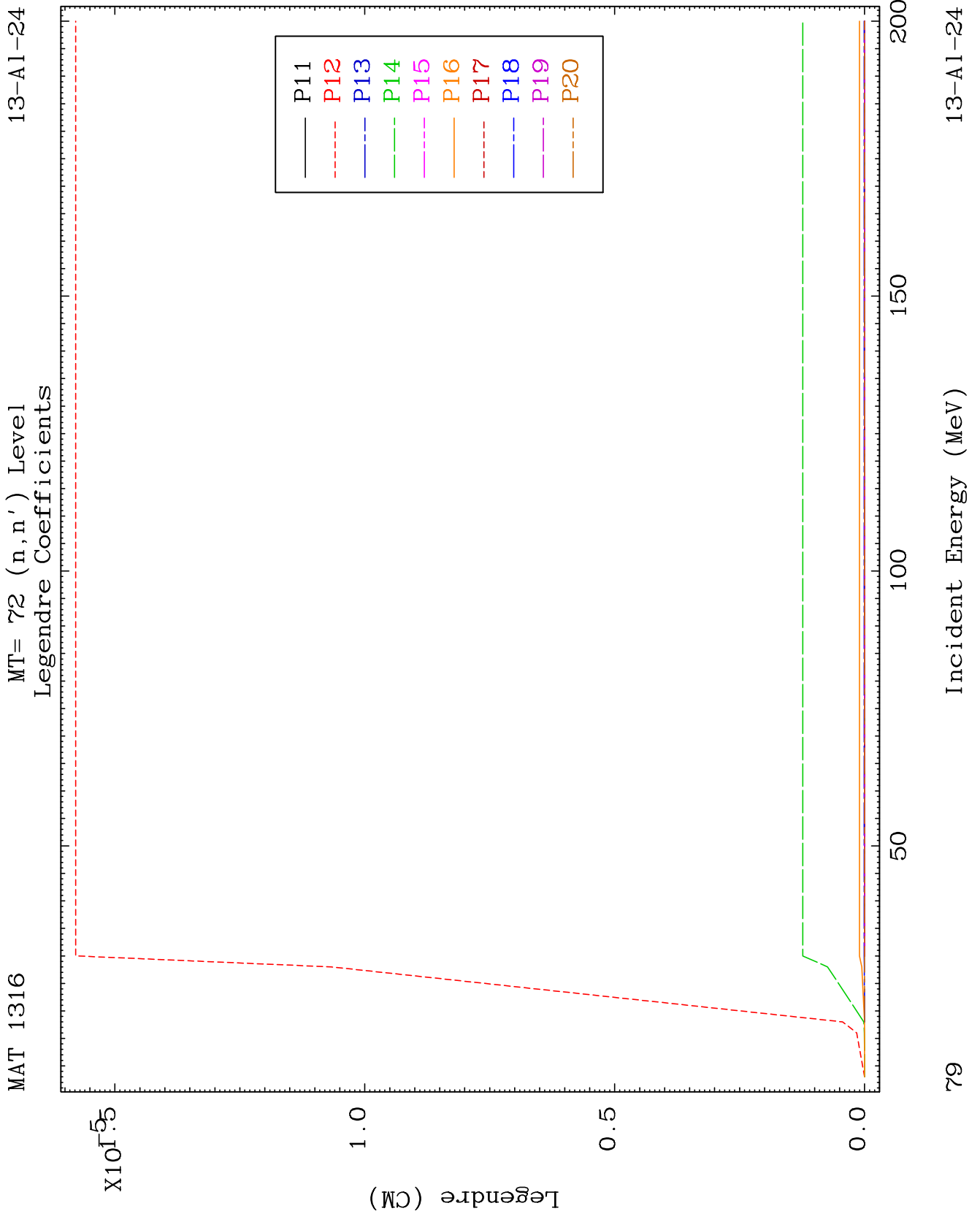
13-A1-24



78

Incident Energy (MeV)

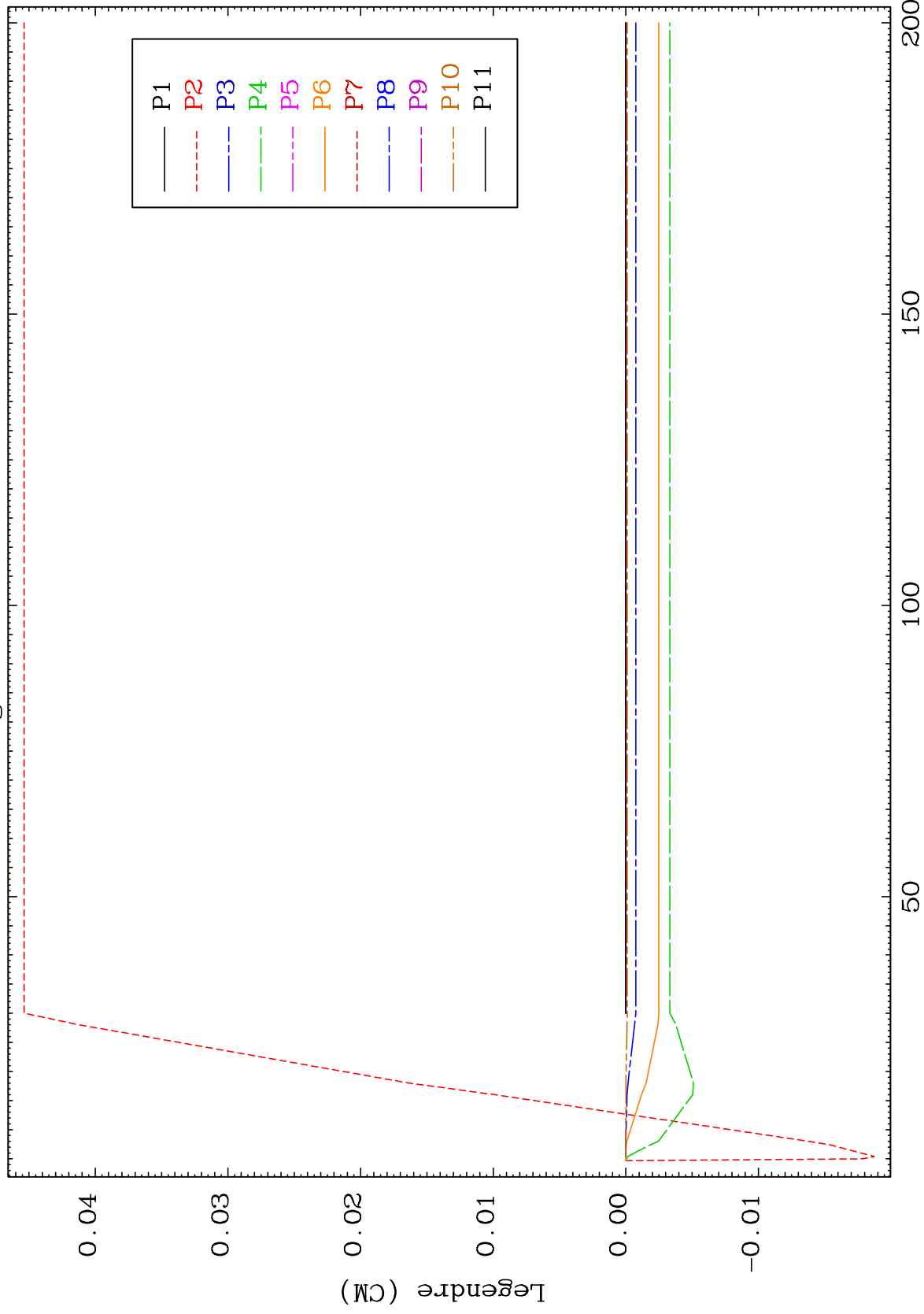
13-A1-24



MAT 1316

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

13-A1-24



80

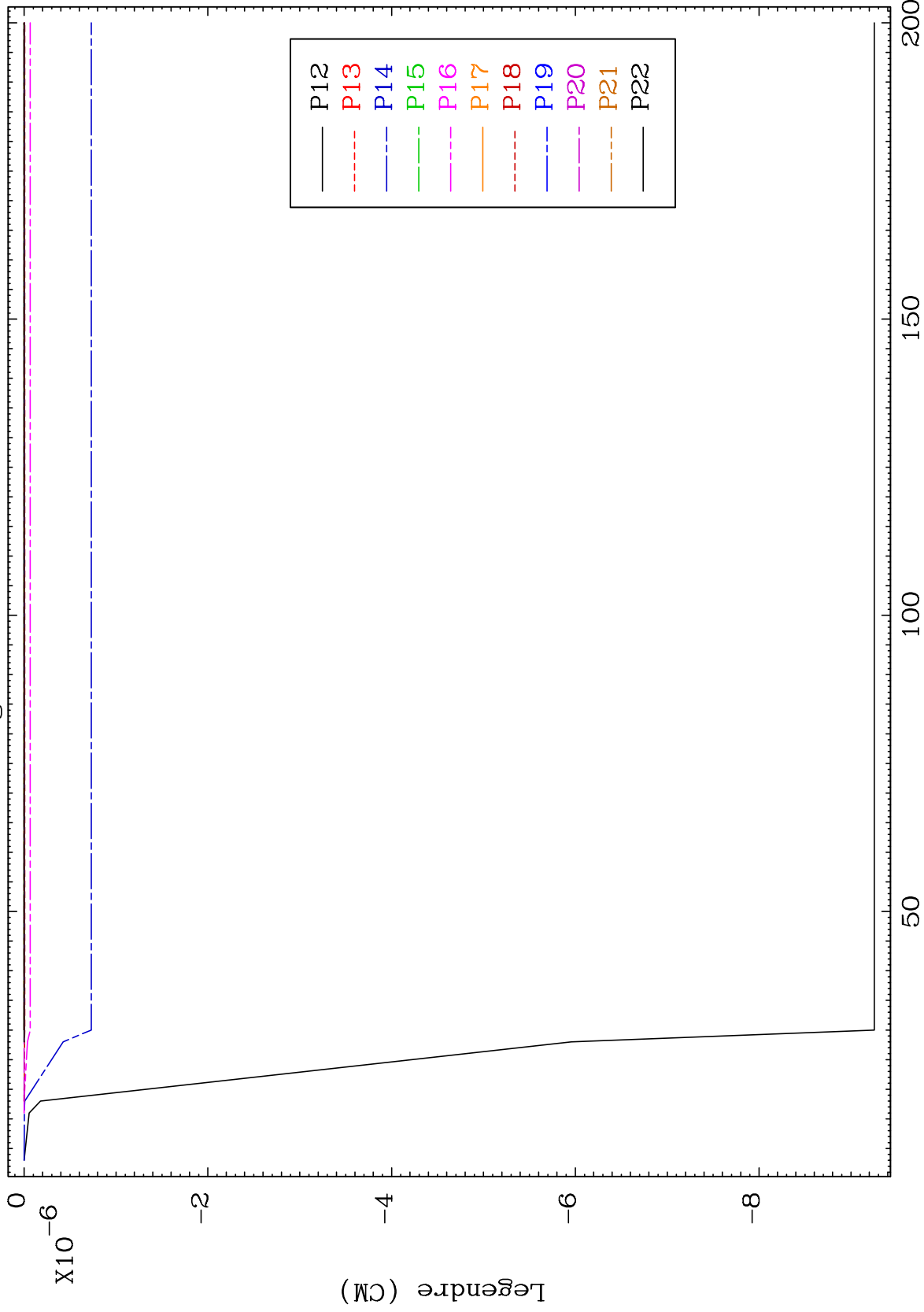
Incident Energy (MeV)

13-A1-24

MAT 1316

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

13-A1 -24



81

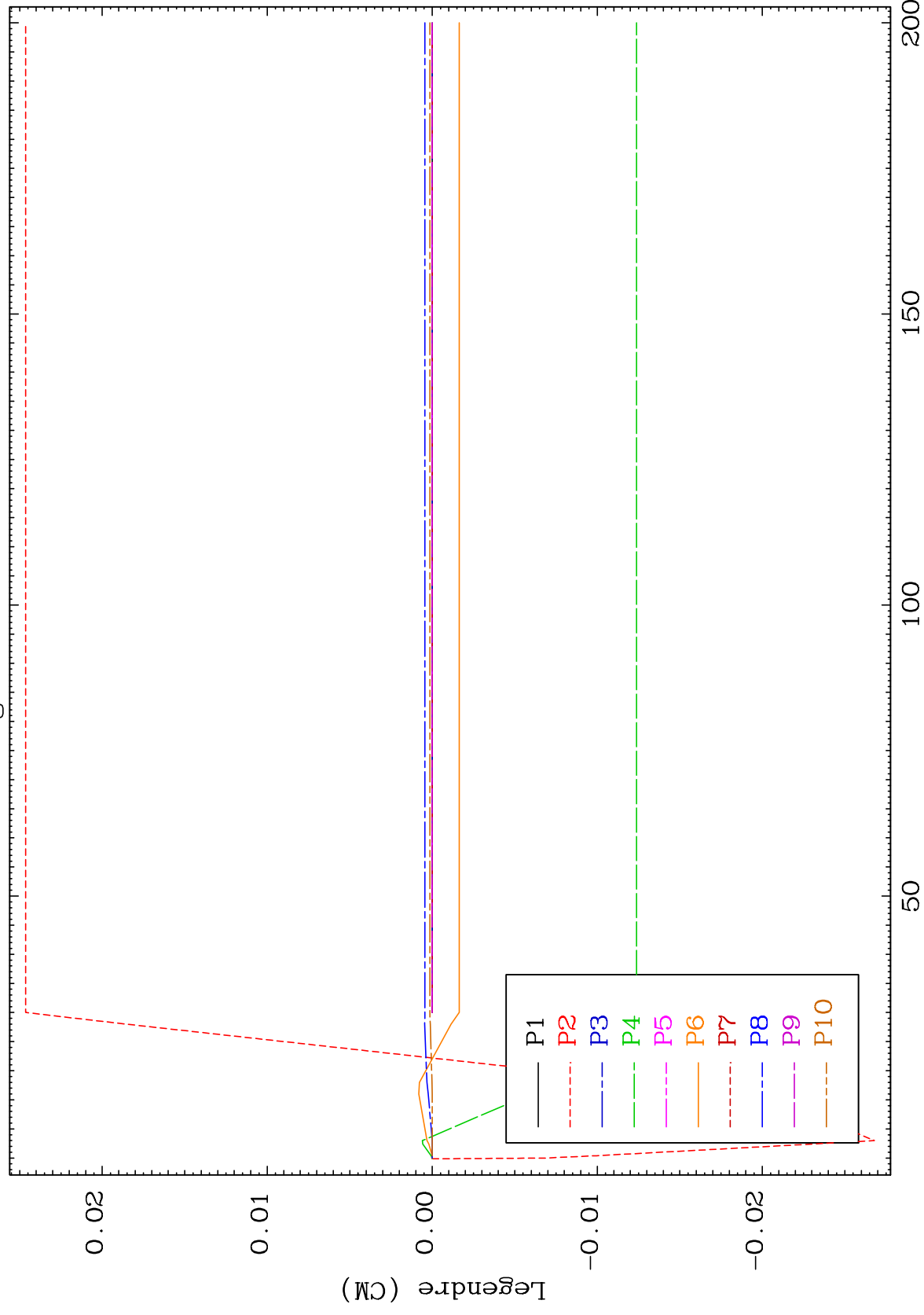
Incident Energy (MeV)

13-A1 -24

MAT 1316

MT= 74 (n,n') Level
Legendre Coefficients

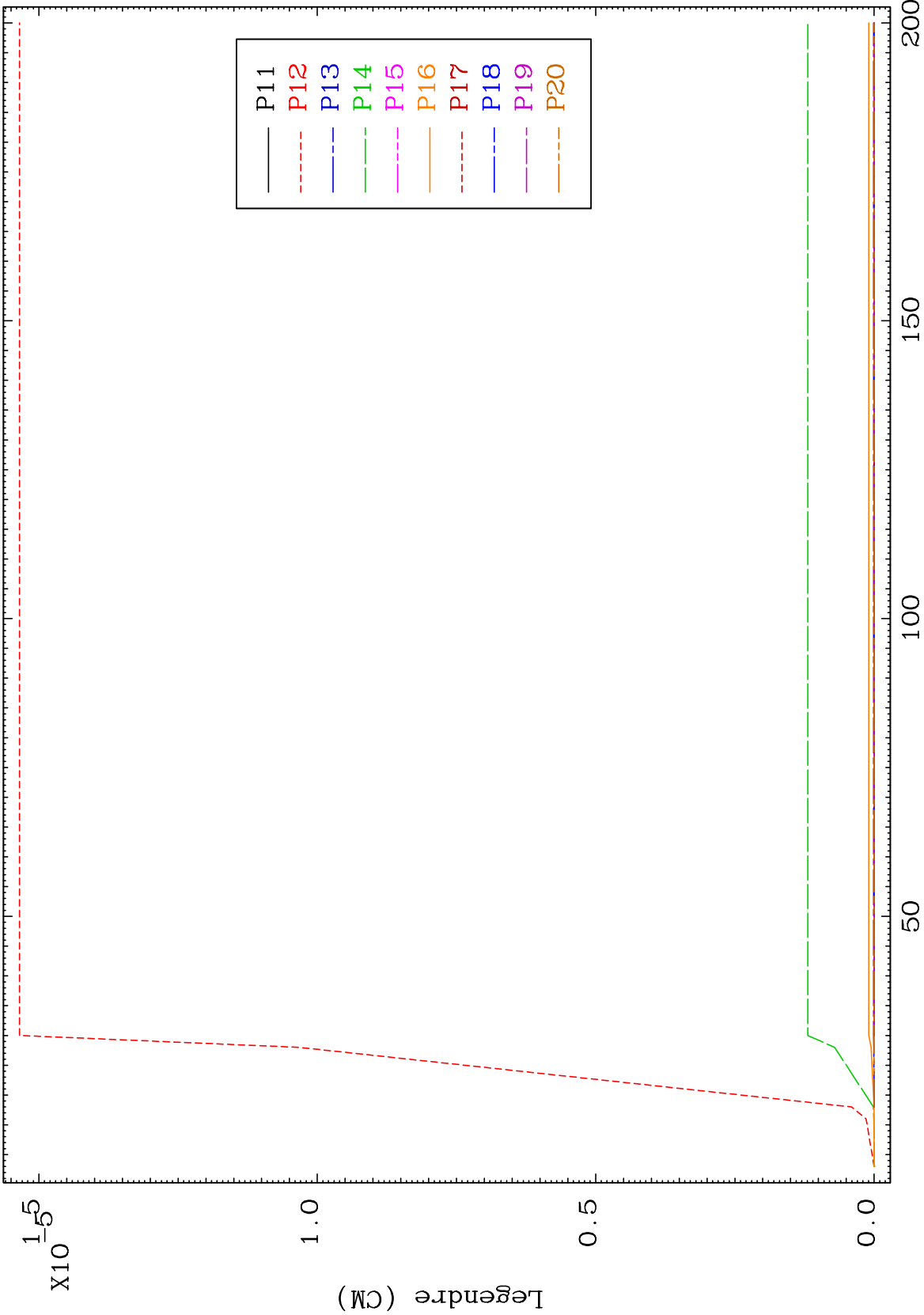
13-A1-24



MAT 1316

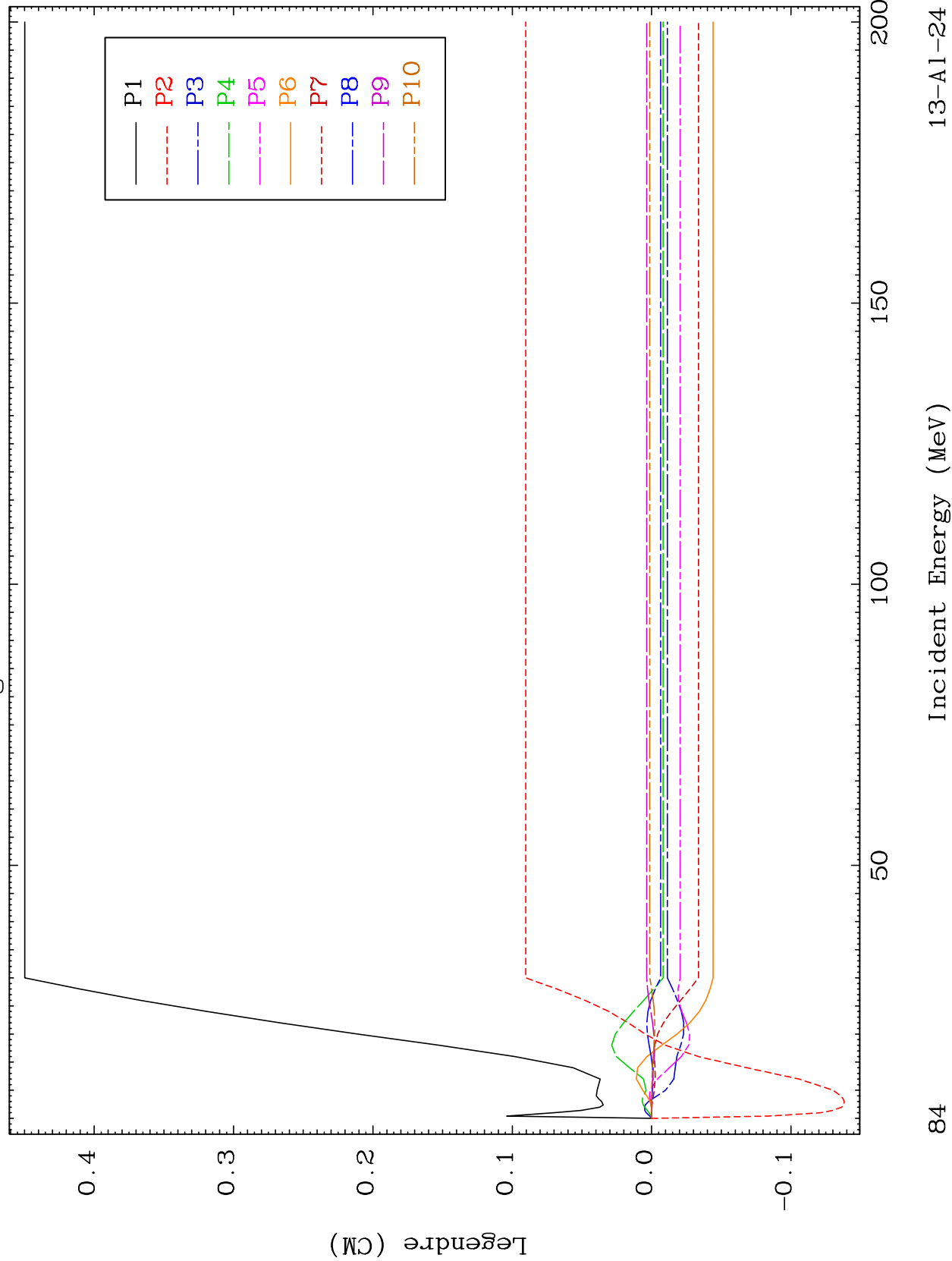
MT= 74 (n,n') Level
Legendre Coefficients

13-Al-24



83

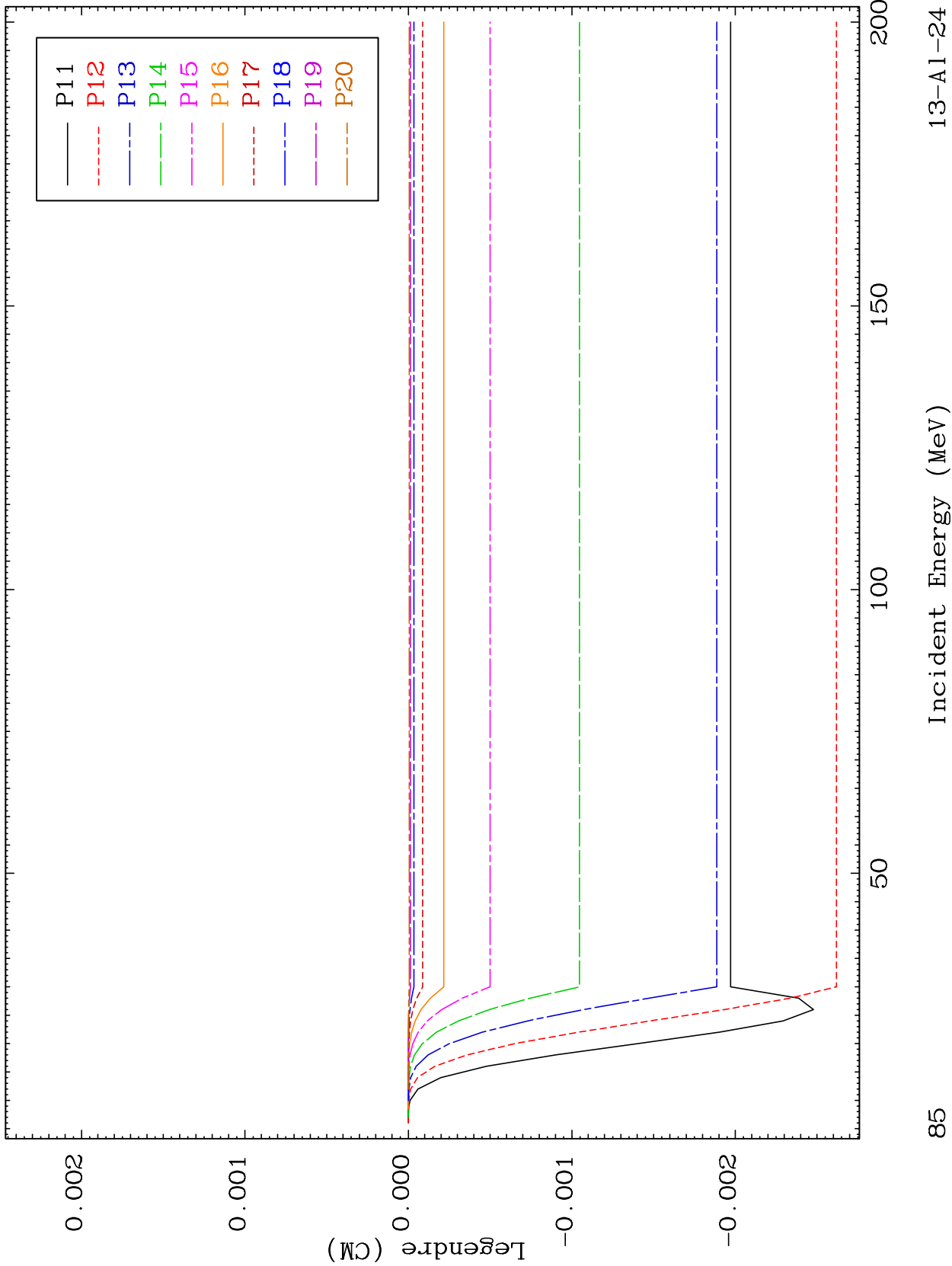
13-Al-24



MAT 1316

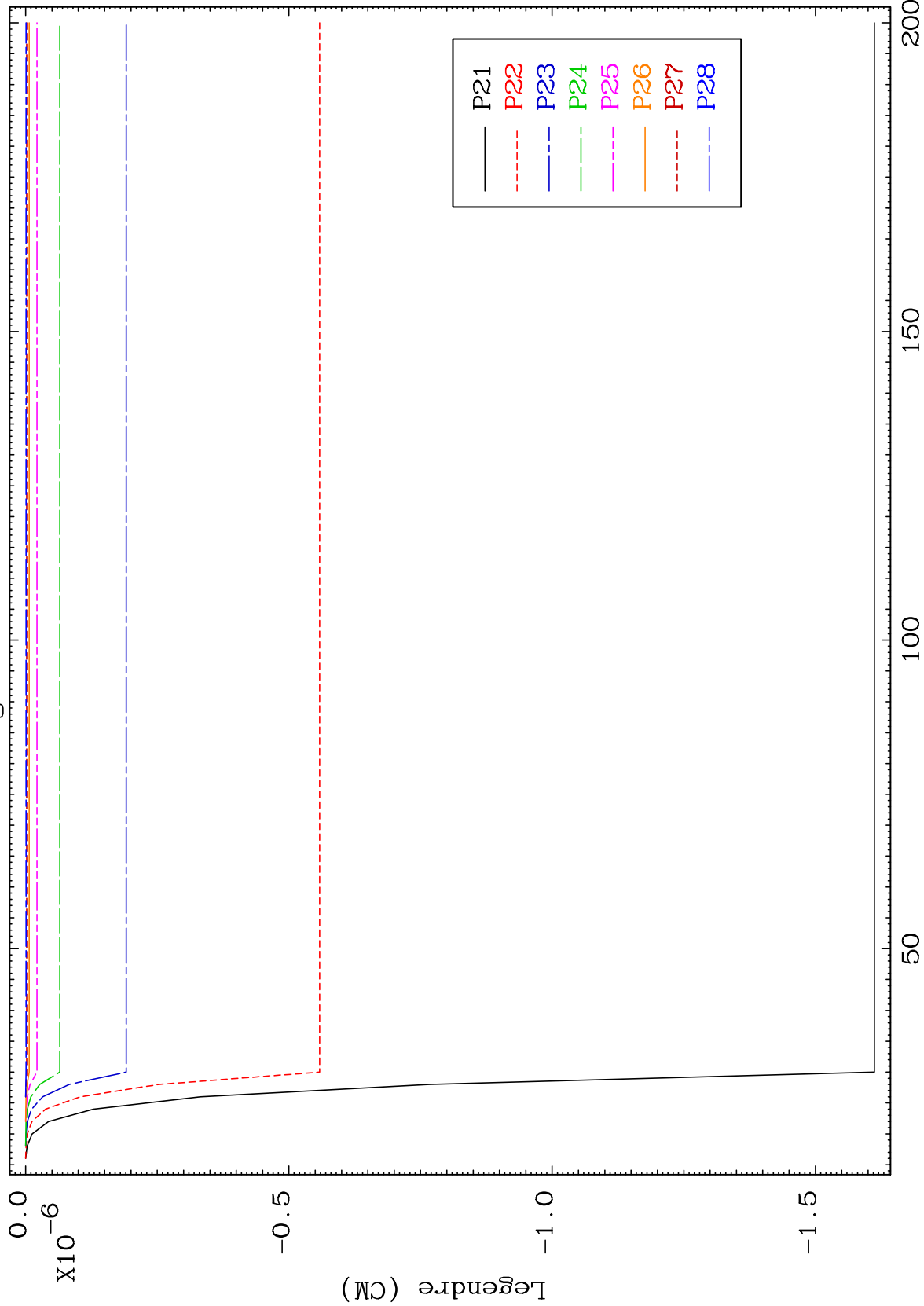
MT= 75 (n,n') Level
Legendre Coefficients

13-Al-24



85

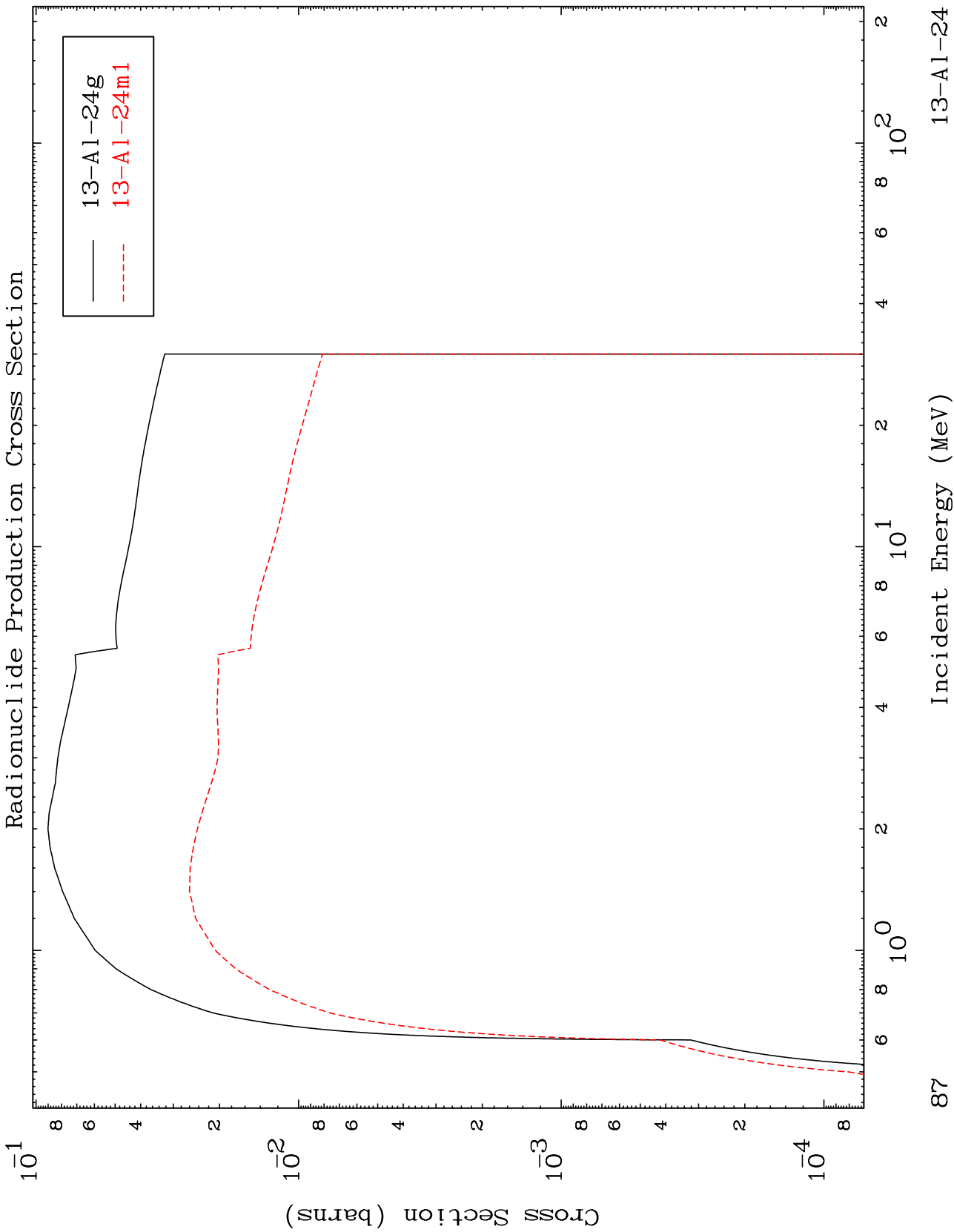
13-Al-24



MAT 1316

13-Al-24

Inelastic
Radionuclide Production Cross Section



87

Incident Energy (MeV)

13-Al-24