

Program EVALPLOT  
(Version 2018-1)

by

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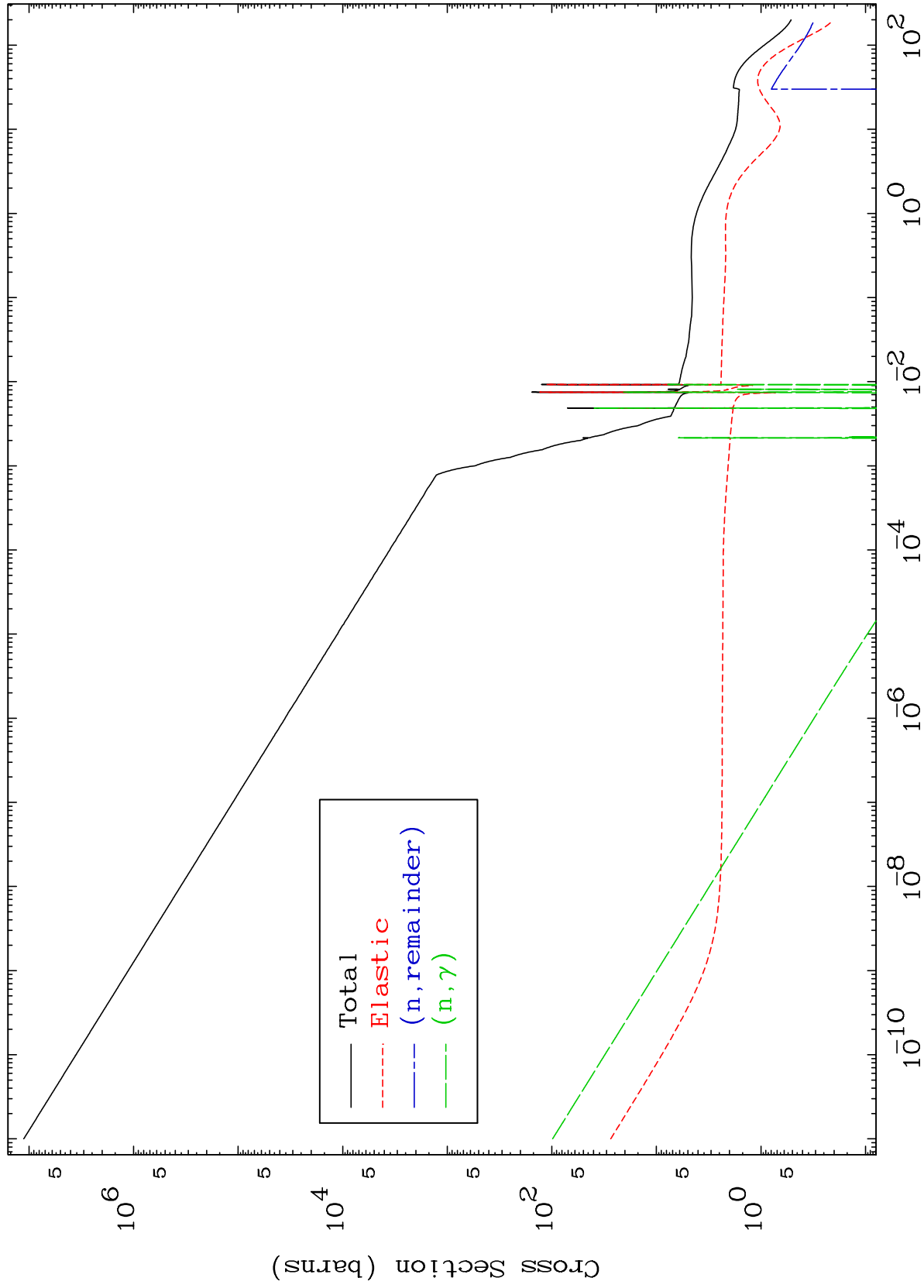
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1316

Major  
293 Kelvin Cross Sections

13-Al-24

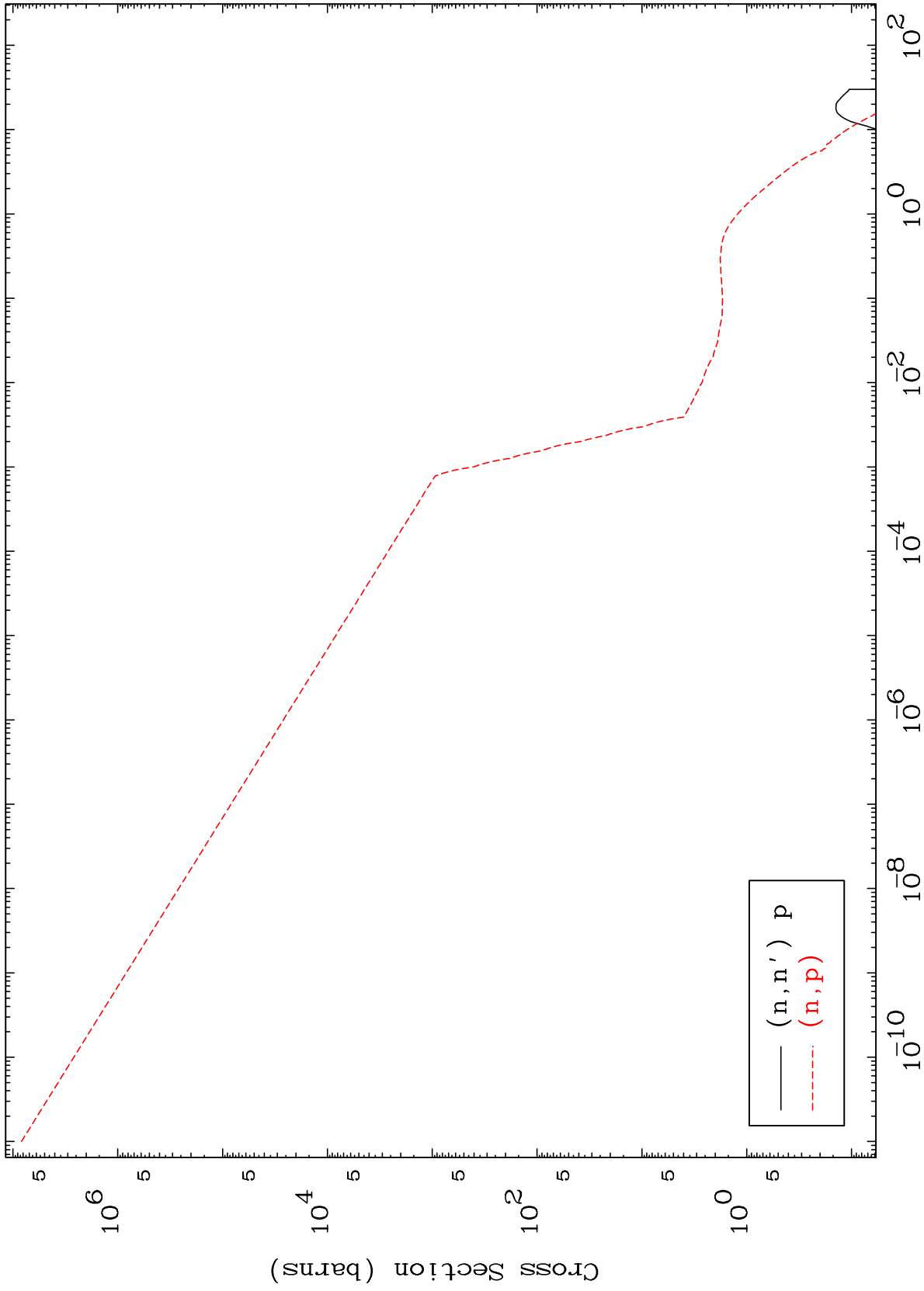




MAT 1316

Charged Particle  
293 Kelvin Cross Sections

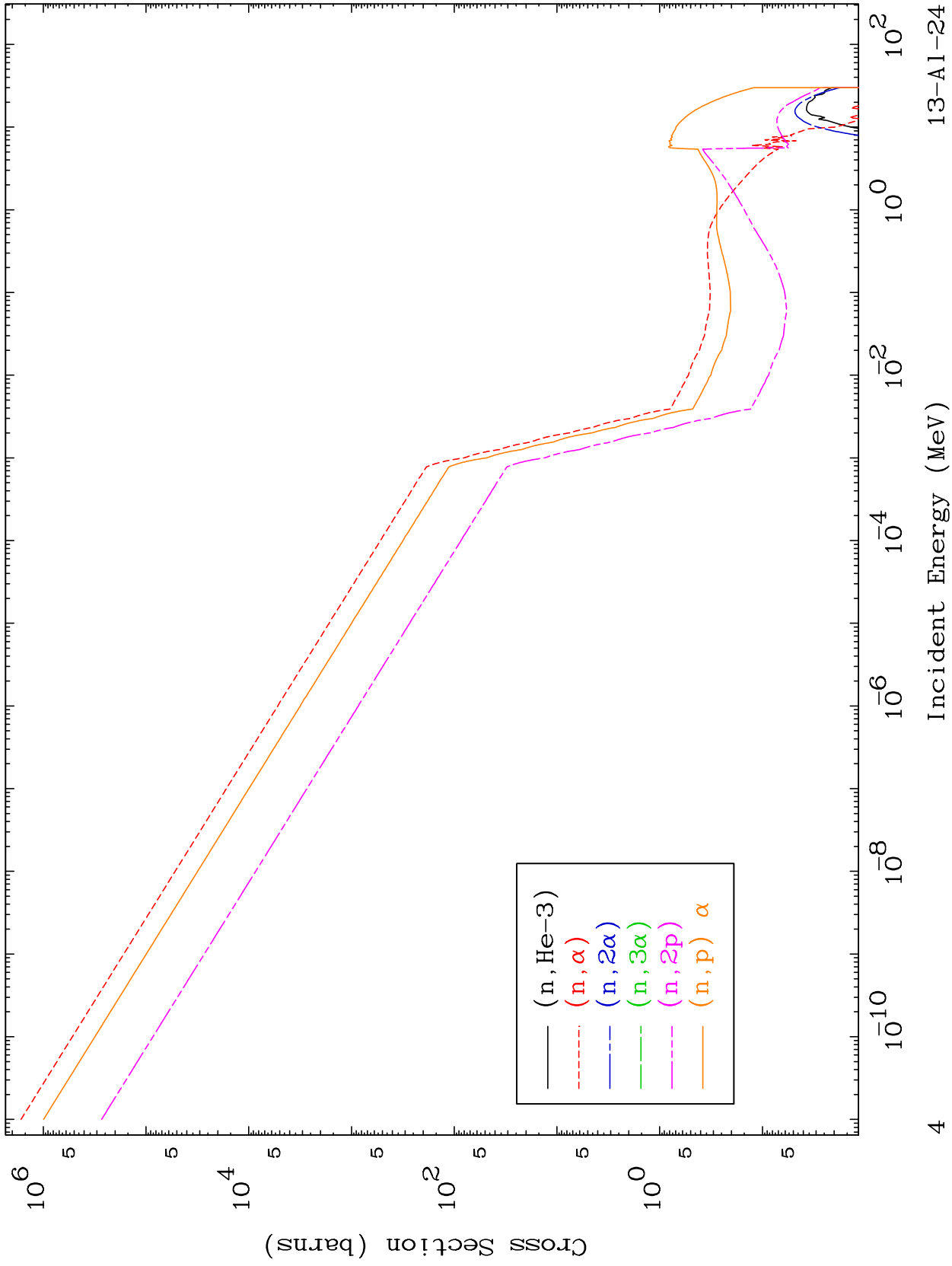
13-Al-24



MAT 1316

Charged Particle  
293 Kelvin Cross Sections

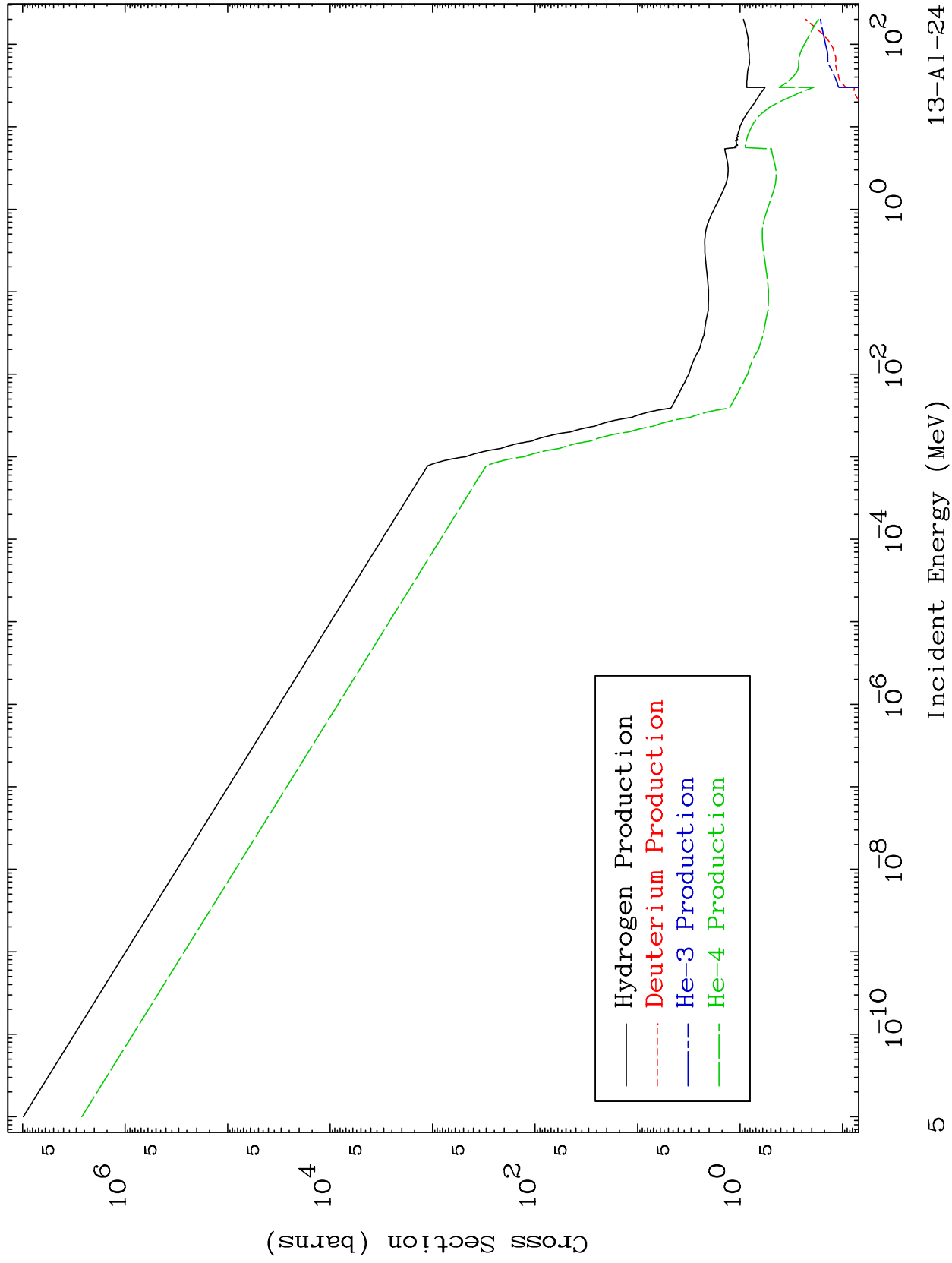
13-Al-24



MAT 1316

Particle Production  
293 Kelvin Cross Sections

13-Al-24



5

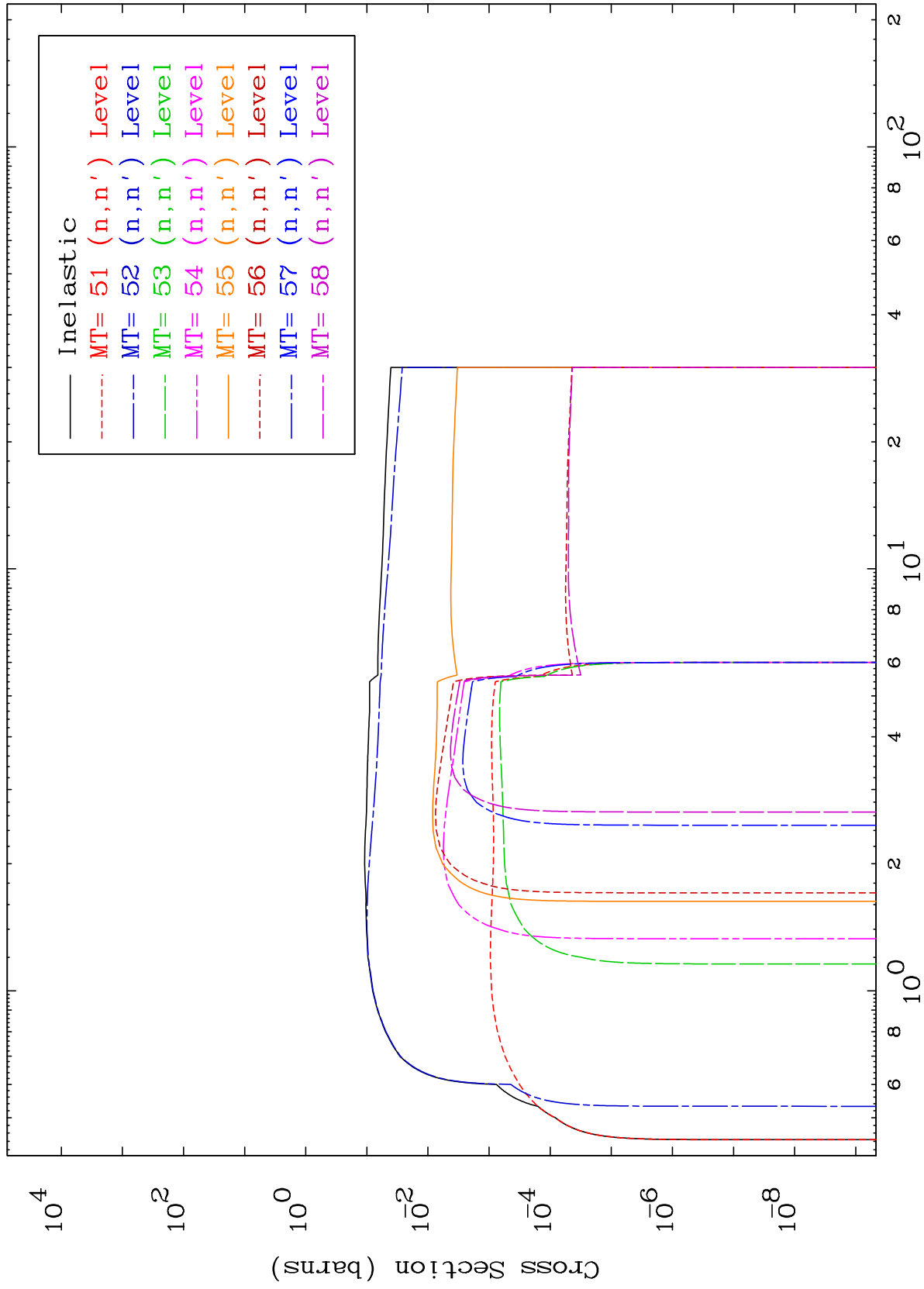
13-Al-24

MAT 1316

(n,n') Level

13-Al-24

293 Kelvin Cross Sections



6

Incident Energy (MeV)

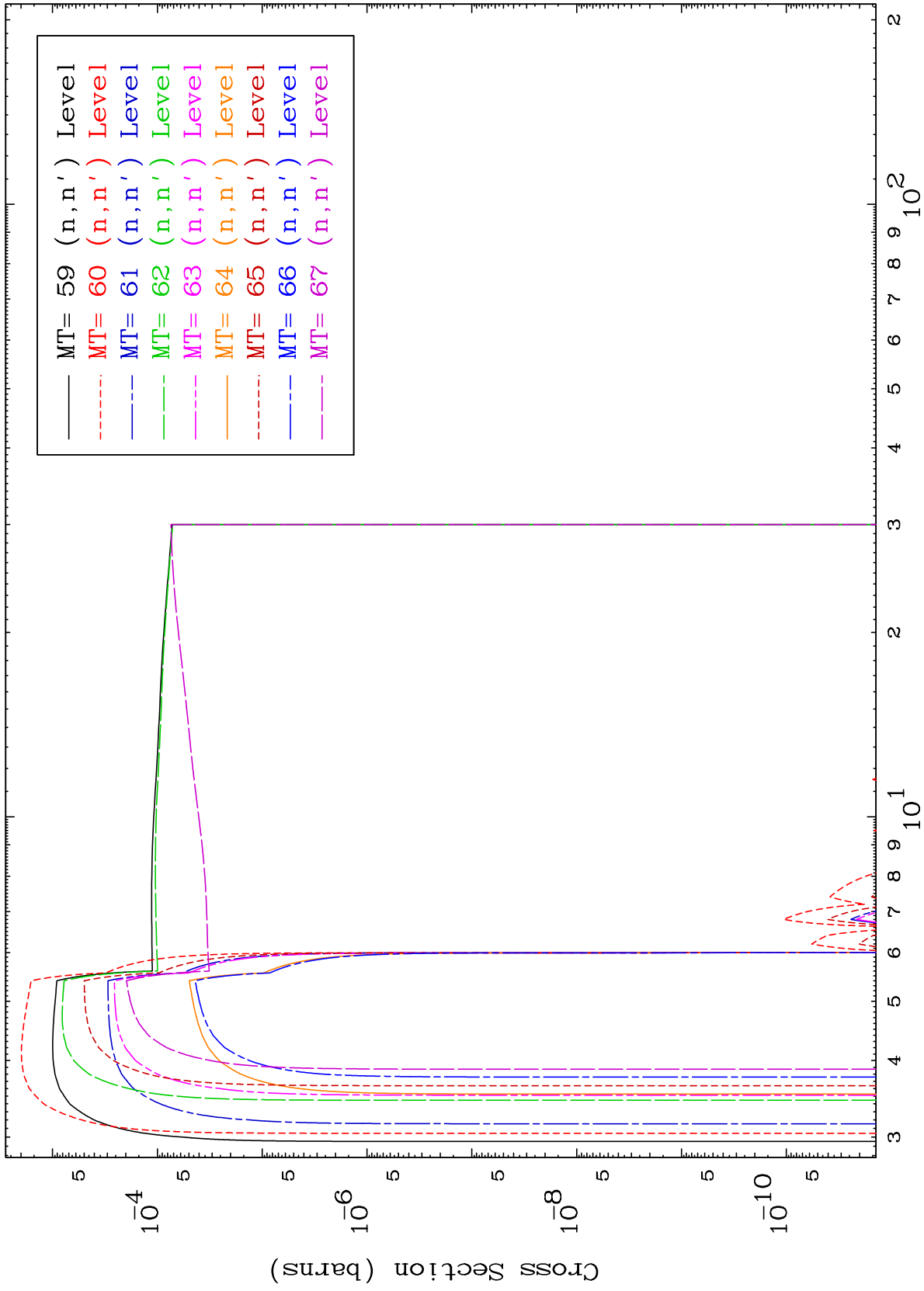
13-Al-24

MAT 1316

(n,n') Level

13-Al-24

293 Kelvin Cross Sections



7

Incident Energy (MeV)

13-Al-24

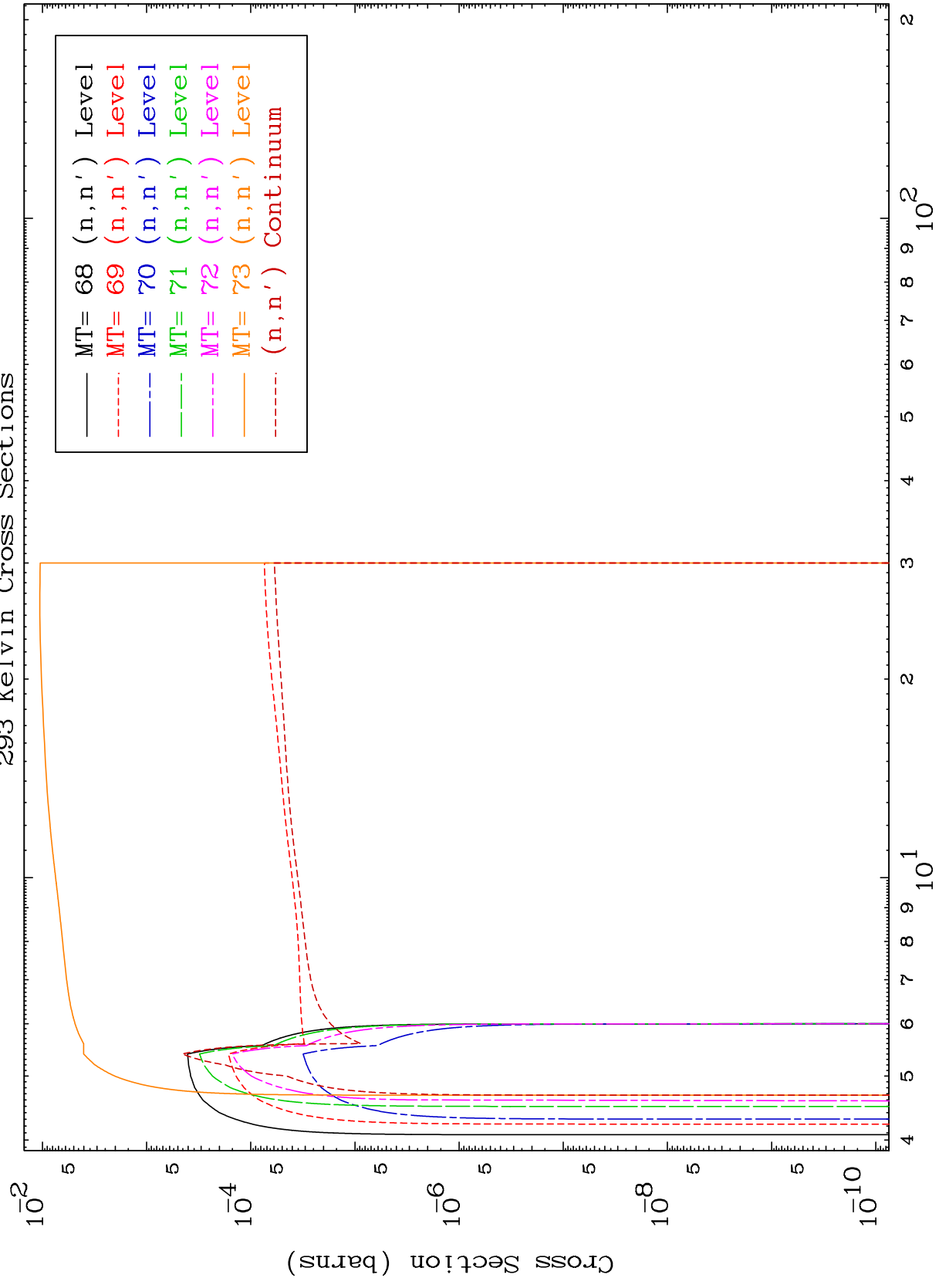


MAT 1316

(n,n') Level

13-Al-24

293 Kelvin Cross Sections



8

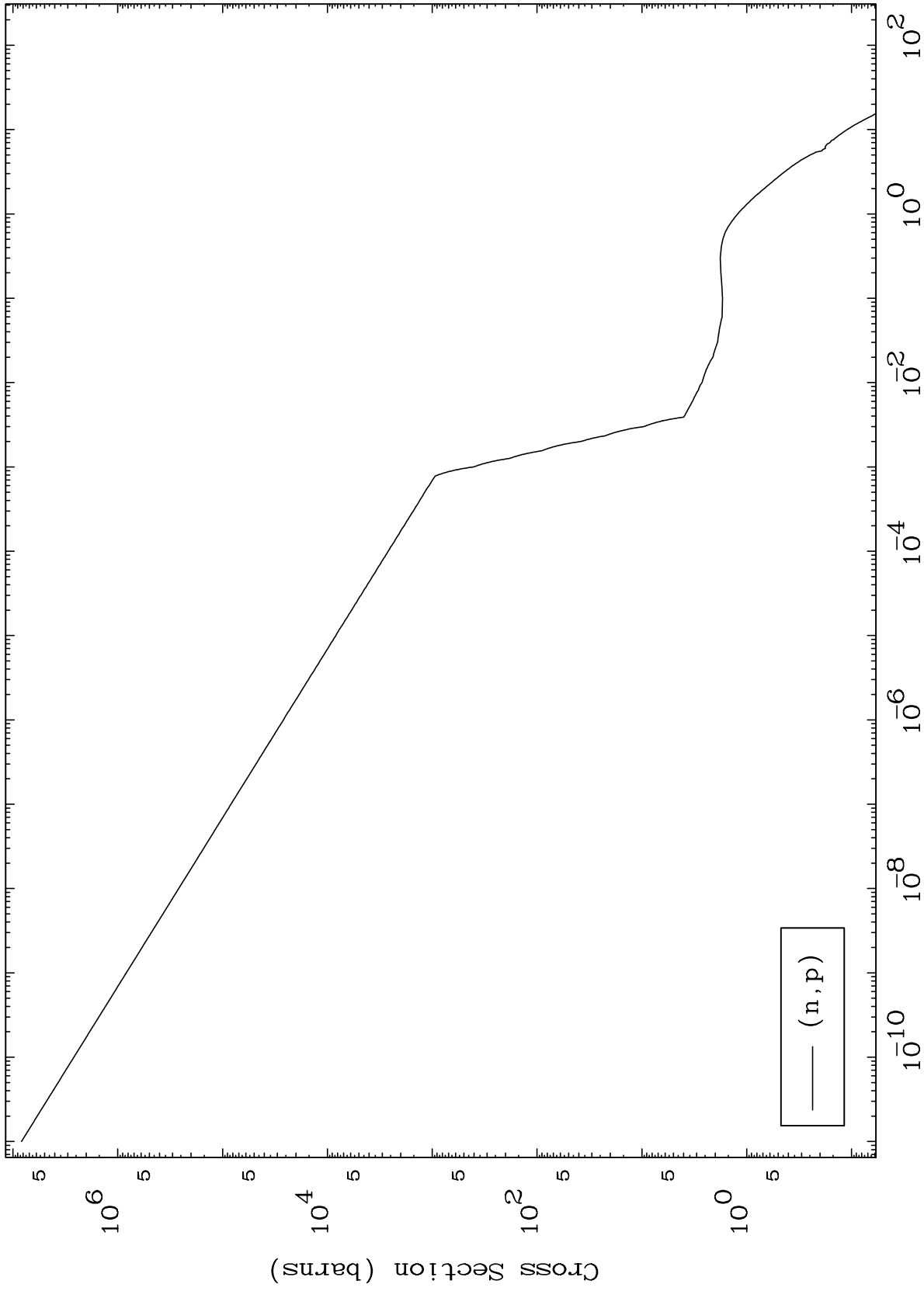
Incident Energy (MeV)

13-Al-24

MAT 1316

(n,p) Levels  
293 Kelvin Cross Sections

13-Al-24

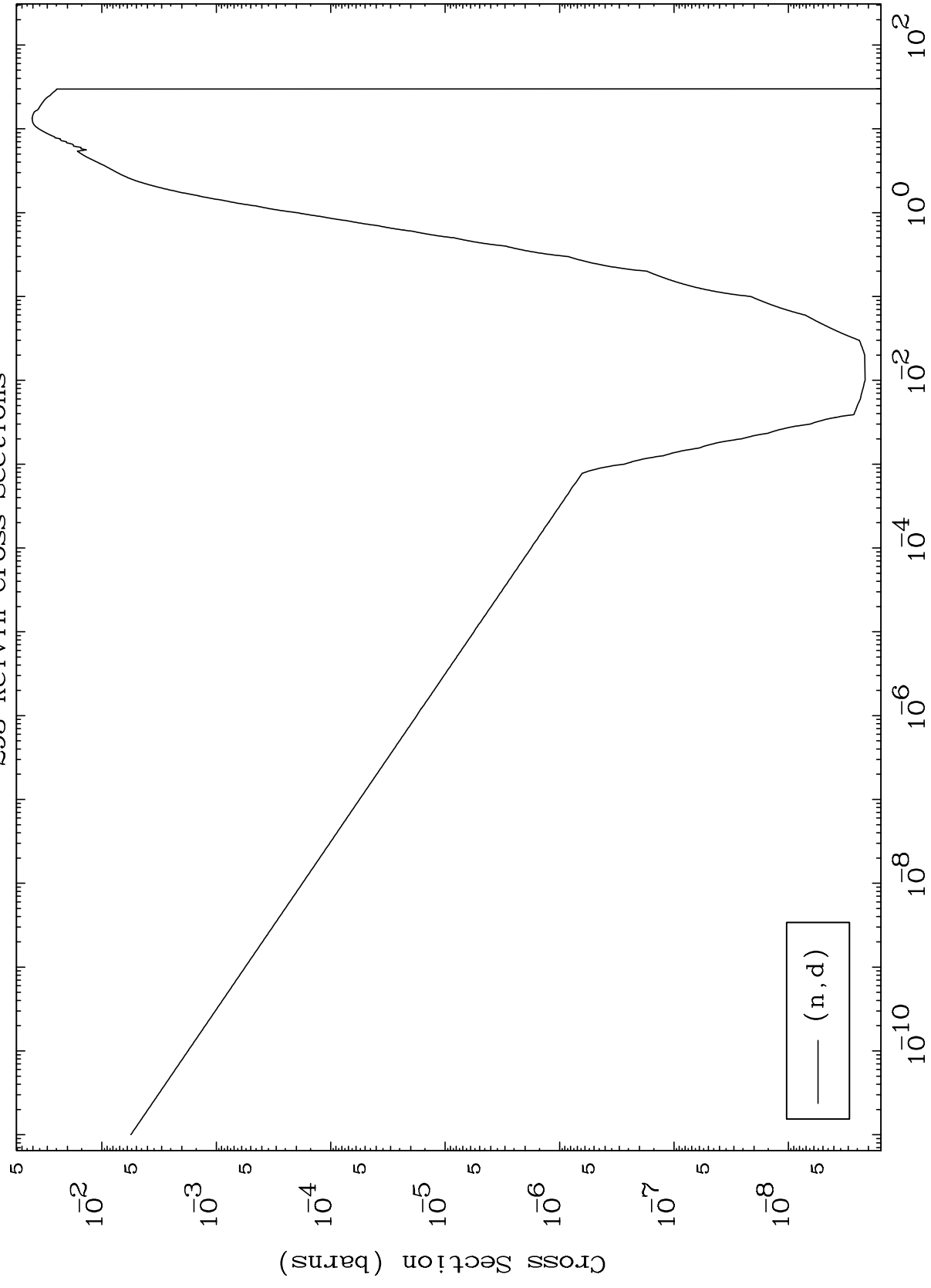


— (n, p)

MAT 1316

293 Kelvin Cross Sections  
(n,d) Levels

13-Al-24



— (n, d)

10

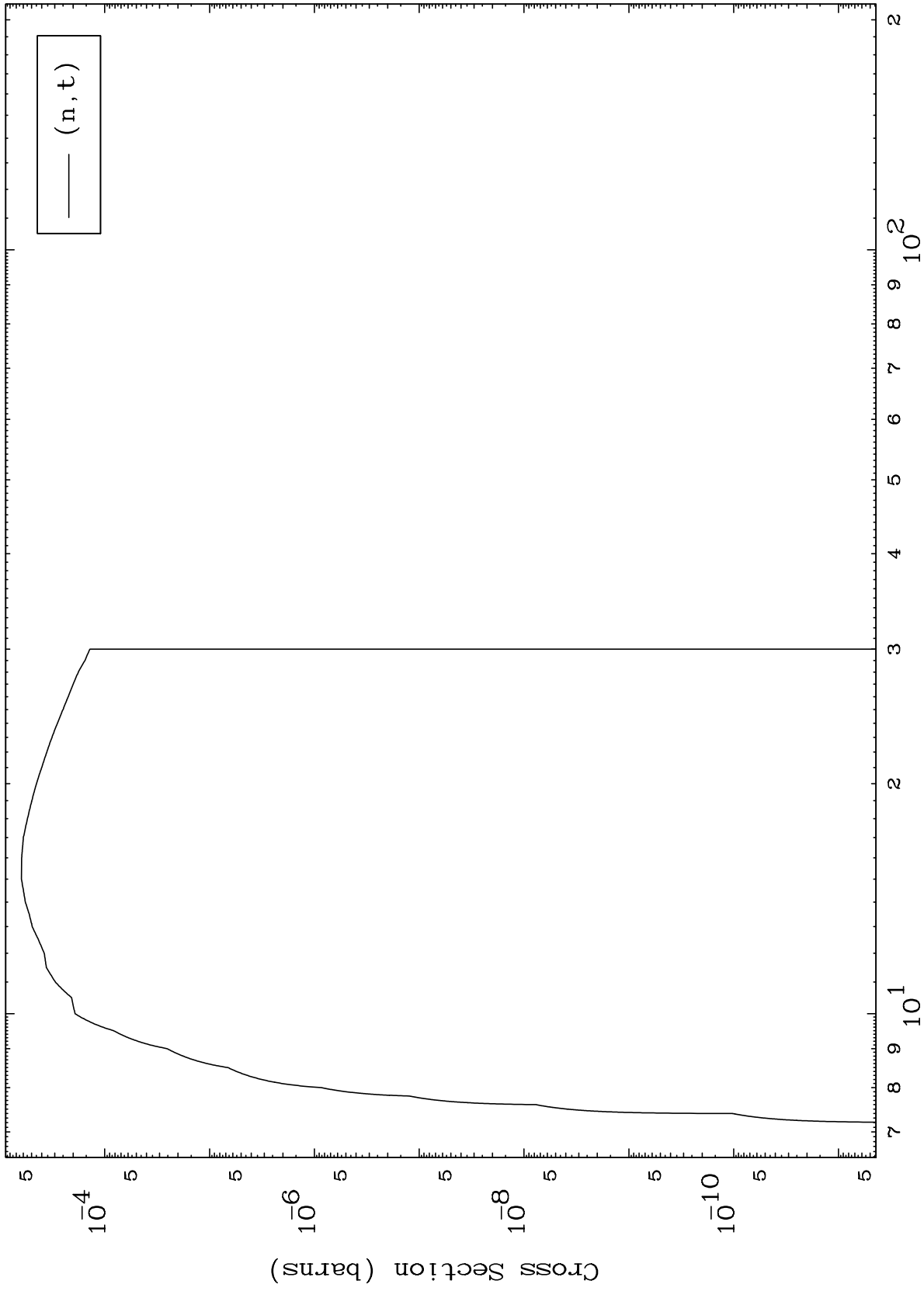
Incident Energy (MeV)

13-Al-24

MAT 1316

(n,t) Levels  
293 Kelvin Cross Sections

13-Al-24



11

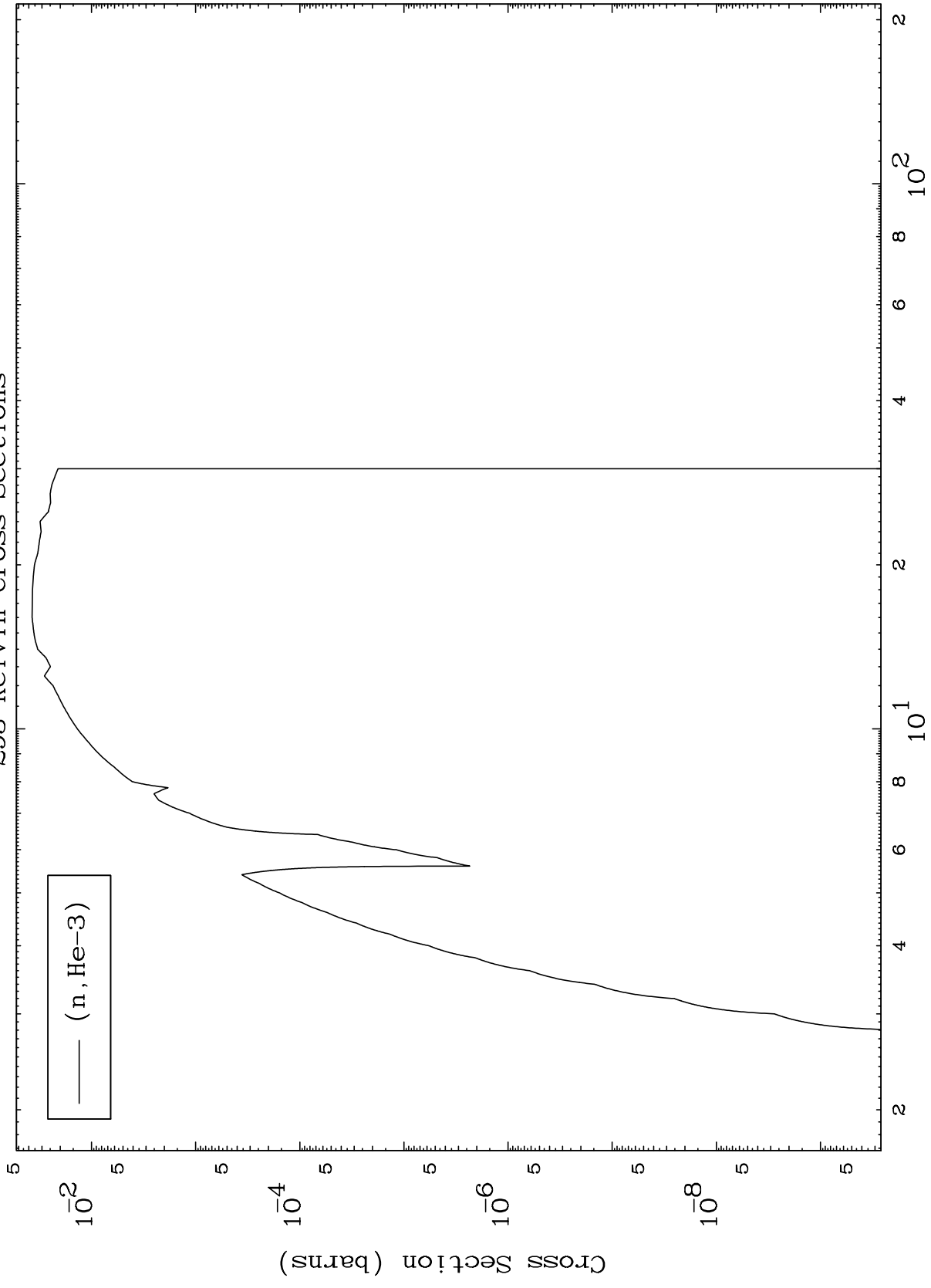
Incident Energy (MeV)

13-Al-24

MAT 1316

(n,He3) Levels  
293 Kelvin Cross Sections

13-Al-24



12

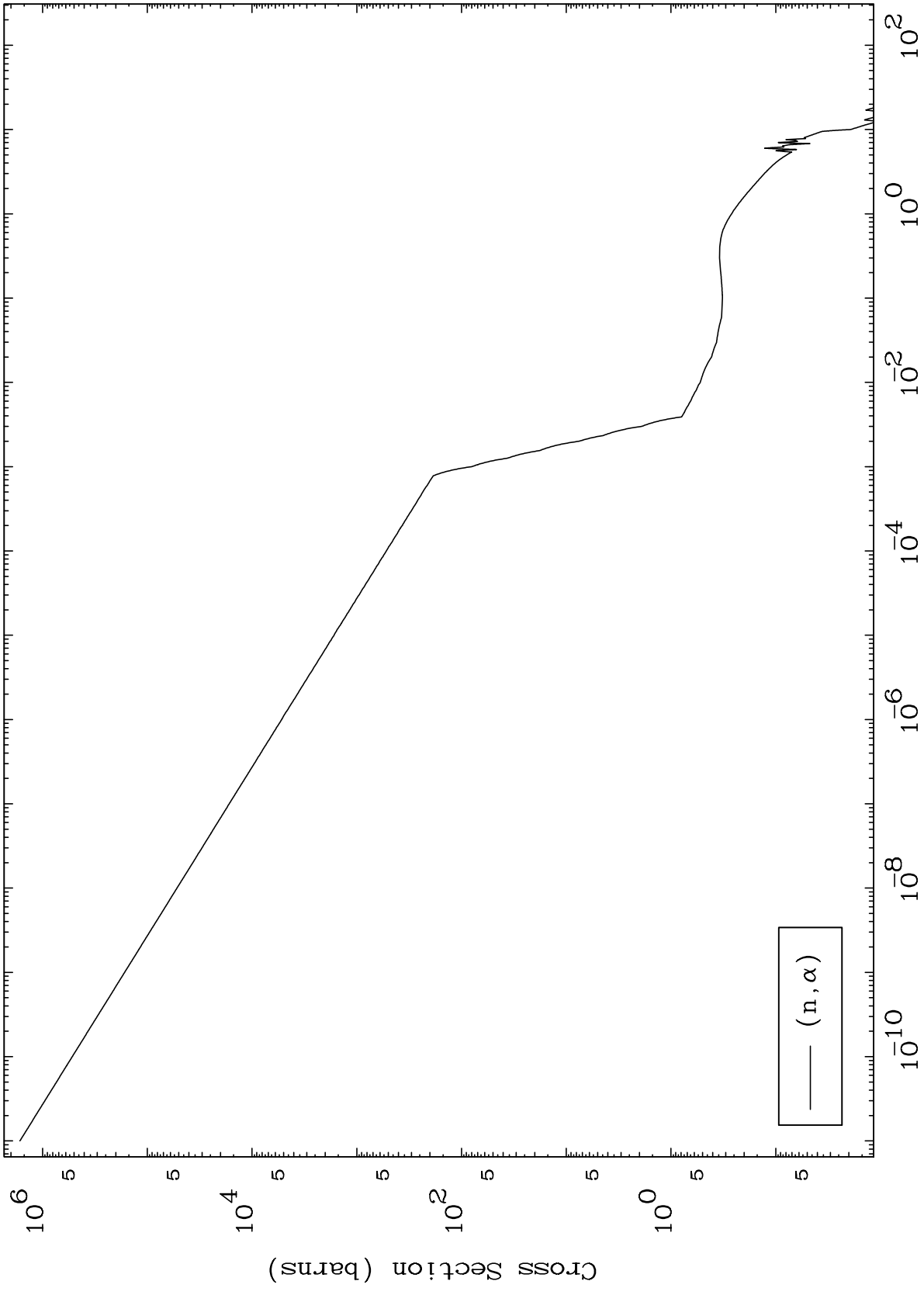
Incident Energy (MeV)

13-Al-24

MAT 1316

(n, $\alpha$ ) Levels  
293 Kelvin Cross Sections

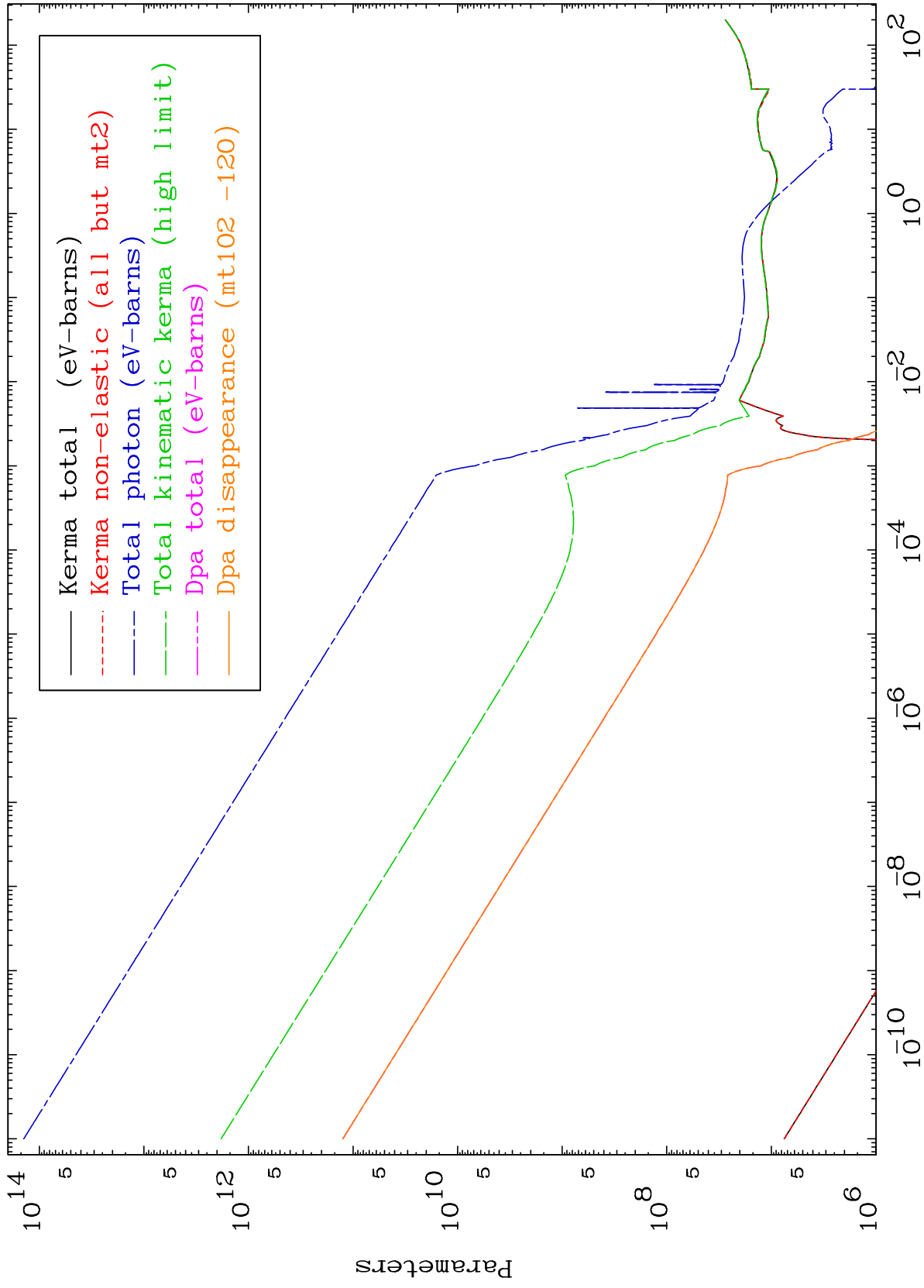
13-Al-24



13

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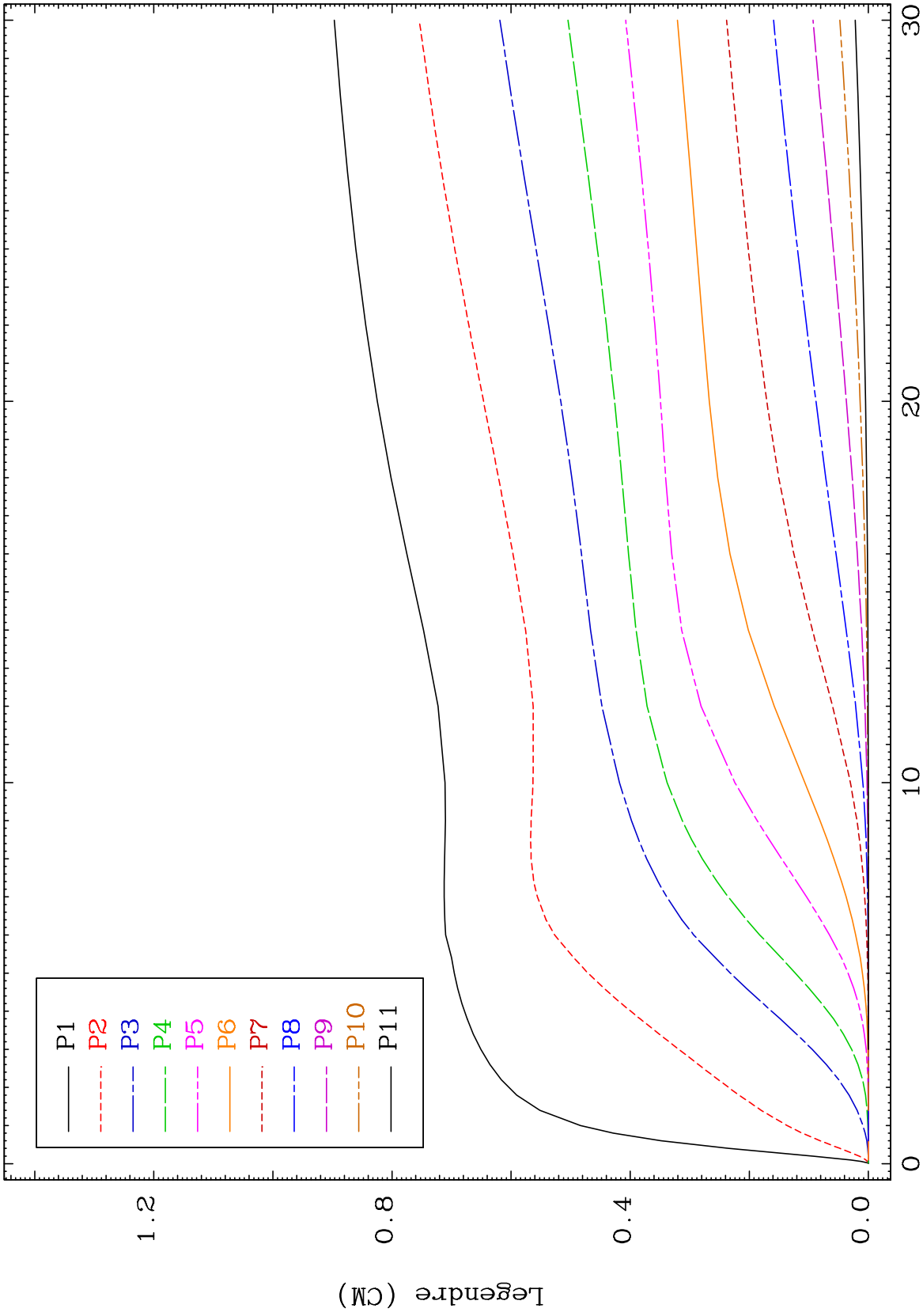
13-Al-24



MAT 1316

Elastic Legendre Coefficients

13-Al-24



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Incident Energy (MeV)

13-Al-24

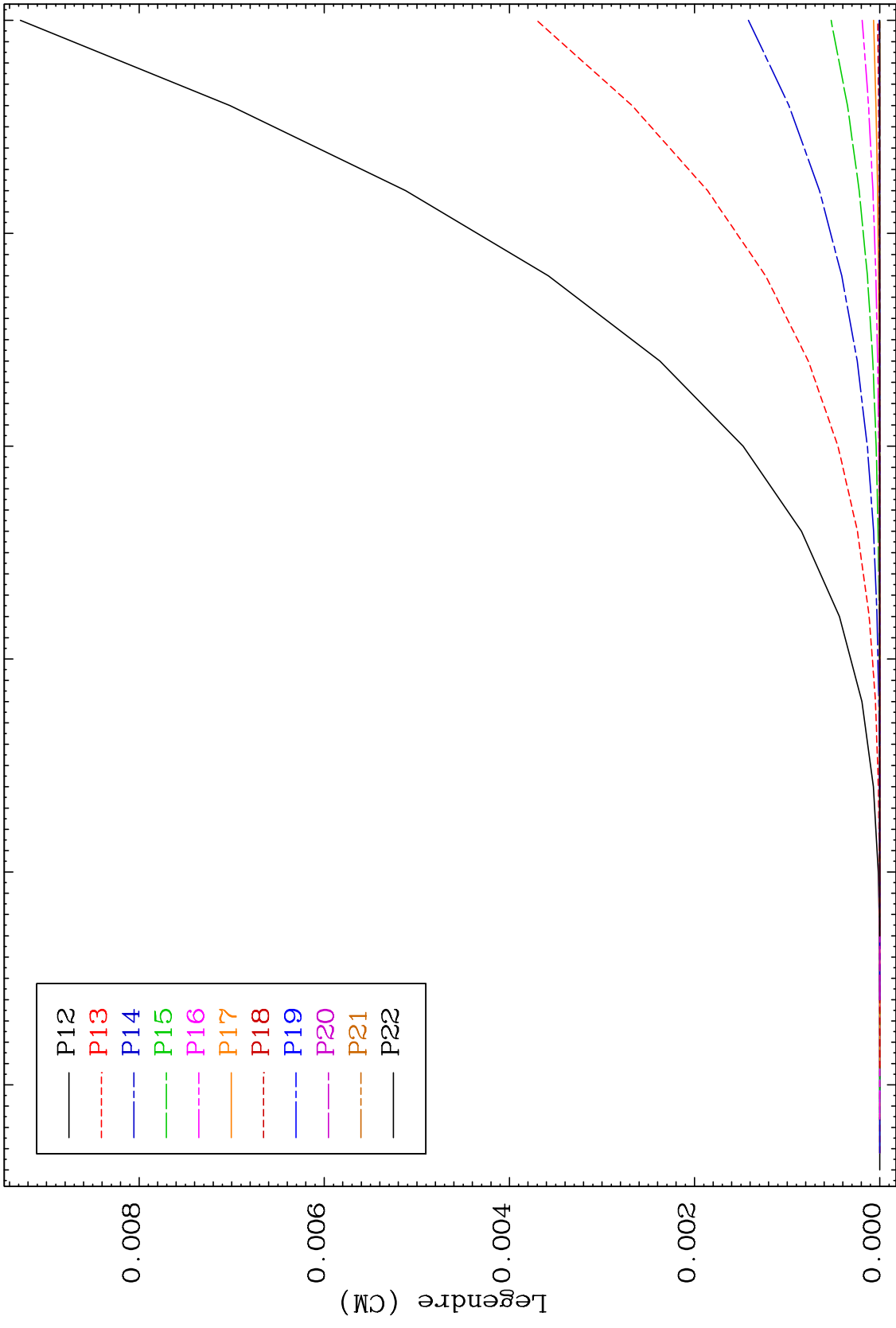
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MAT 1316

Elastic Legendre Coefficients

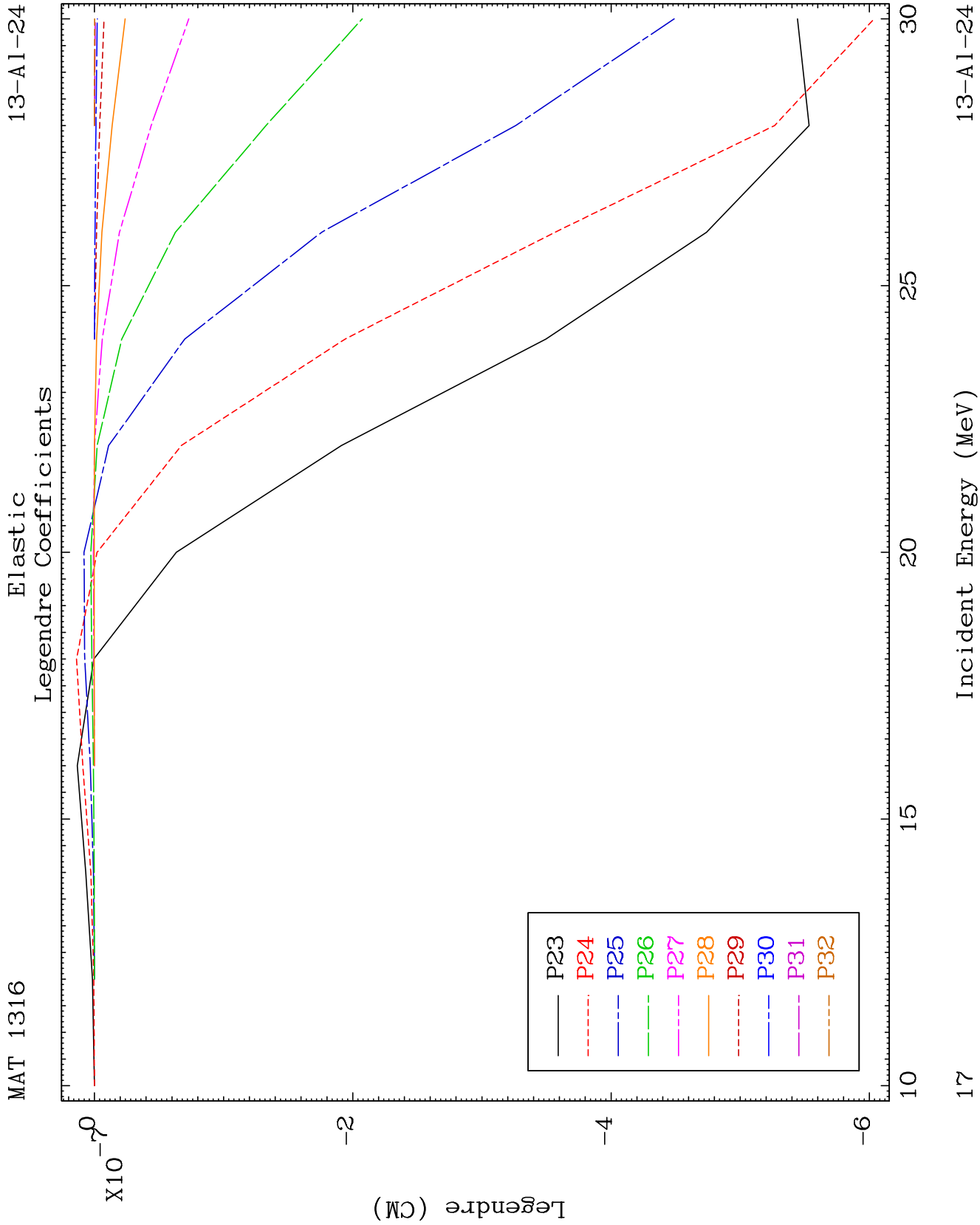
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Incident Energy (MeV)

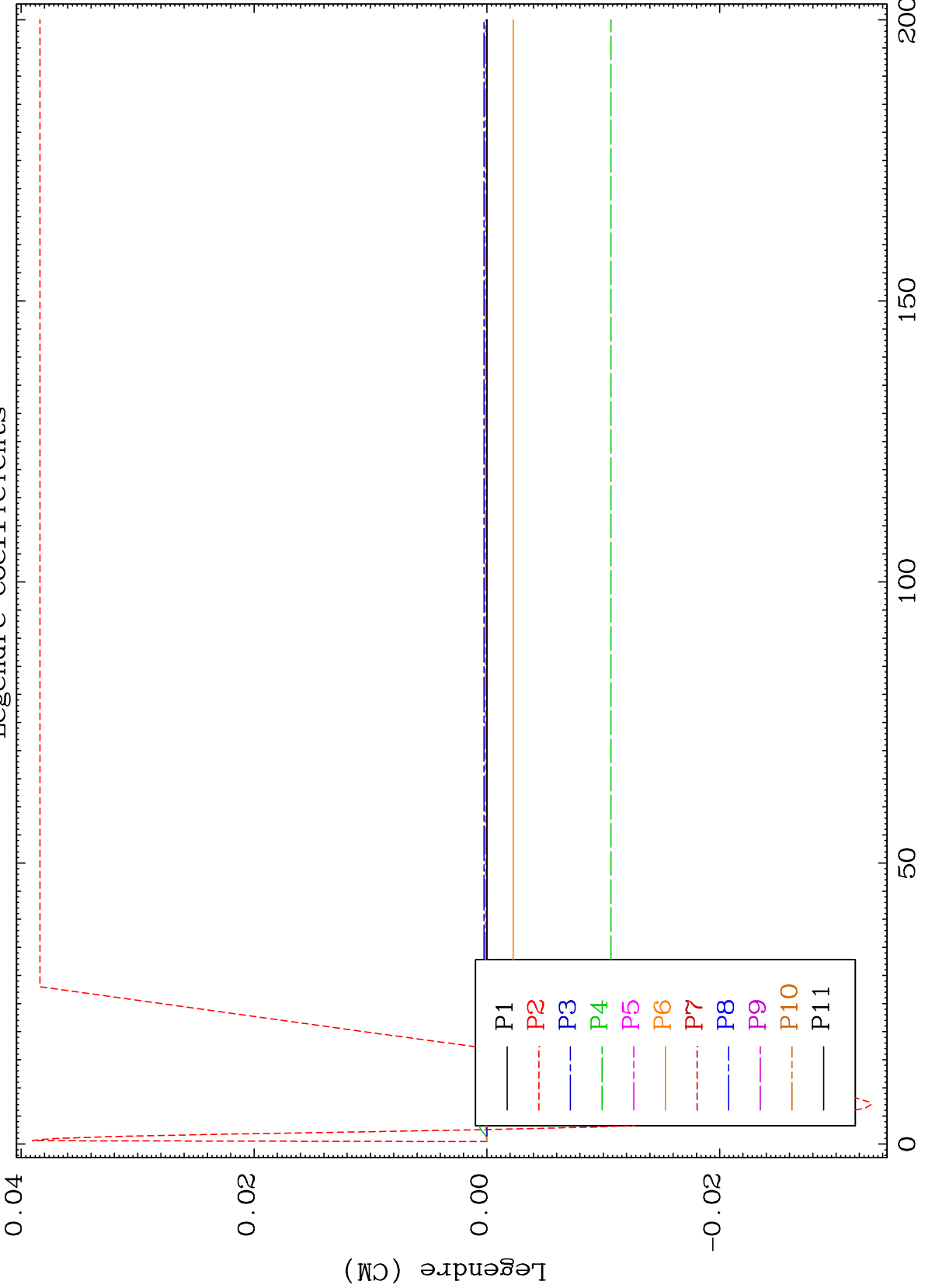
13-Al-24



MAT 1316 MT= 51 (n,n') Level Legendre Coefficients

13-Al-24

13-Al-24

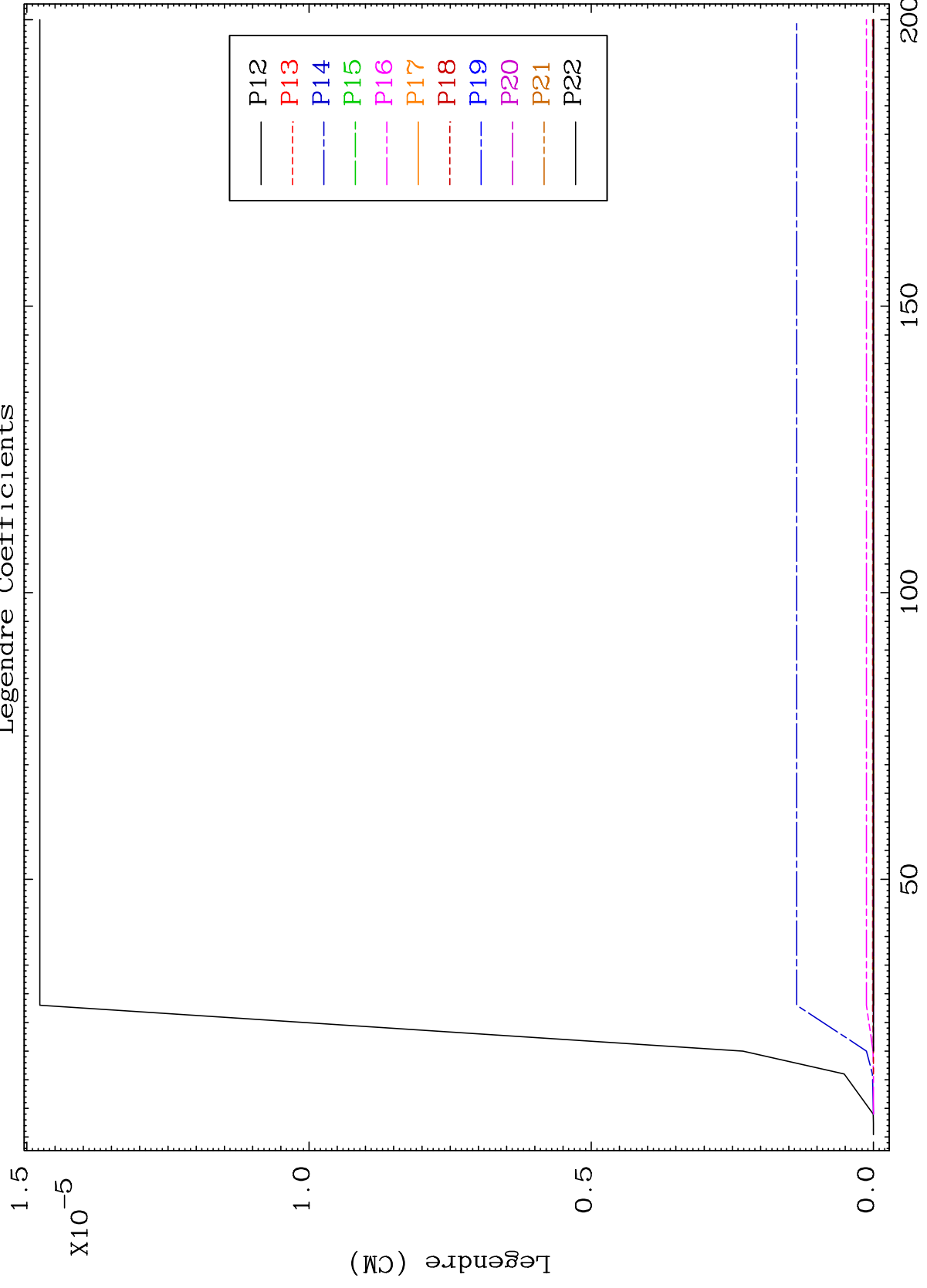


18

Incident Energy (MeV)

13-Al-24

MAT 1316 MT= 51 (n,n') Level Legendre Coefficients 13-Al-24

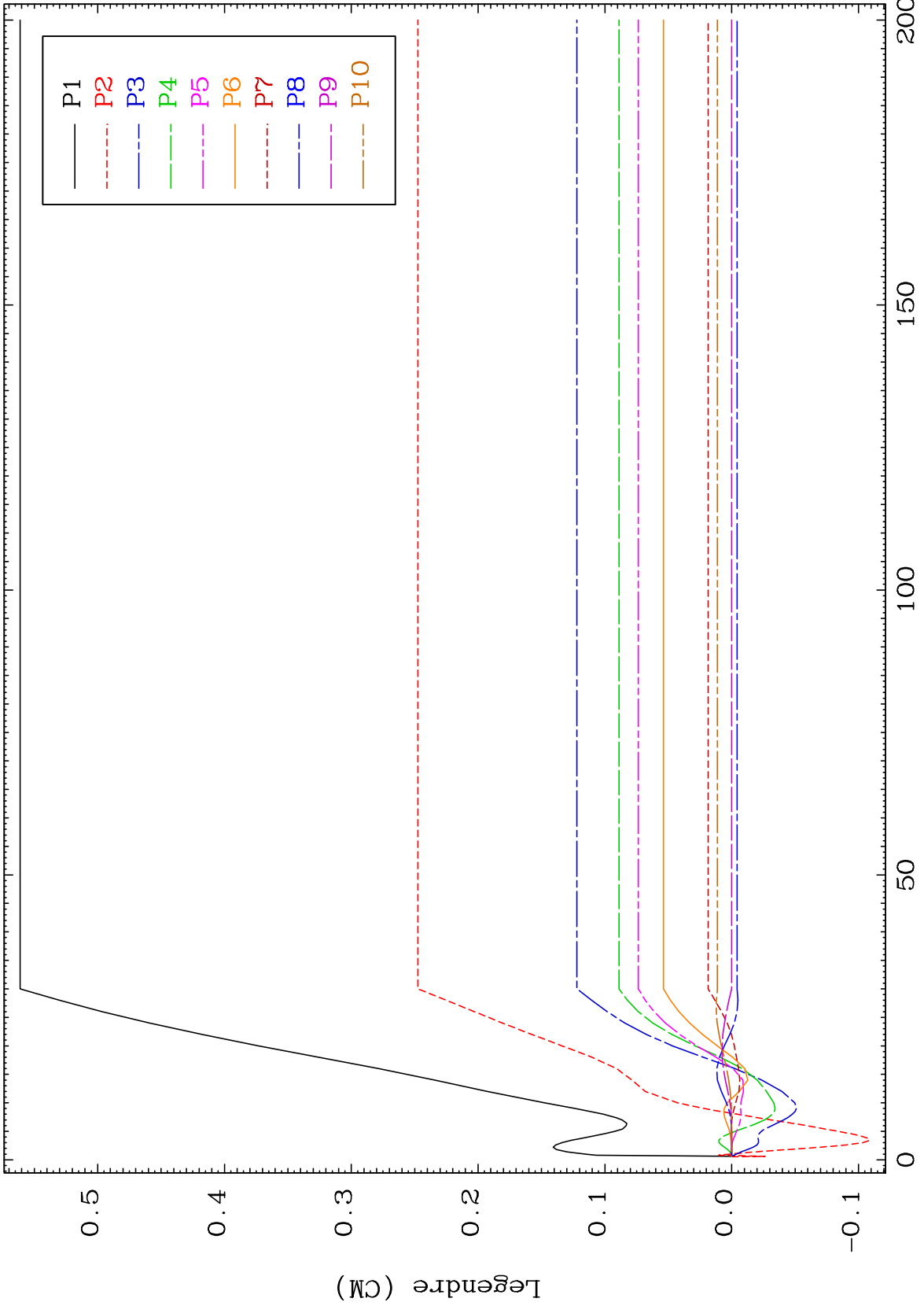


19 Incident Energy (MeV) 13-Al-24

MAT 1316

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

13-Al-24



20

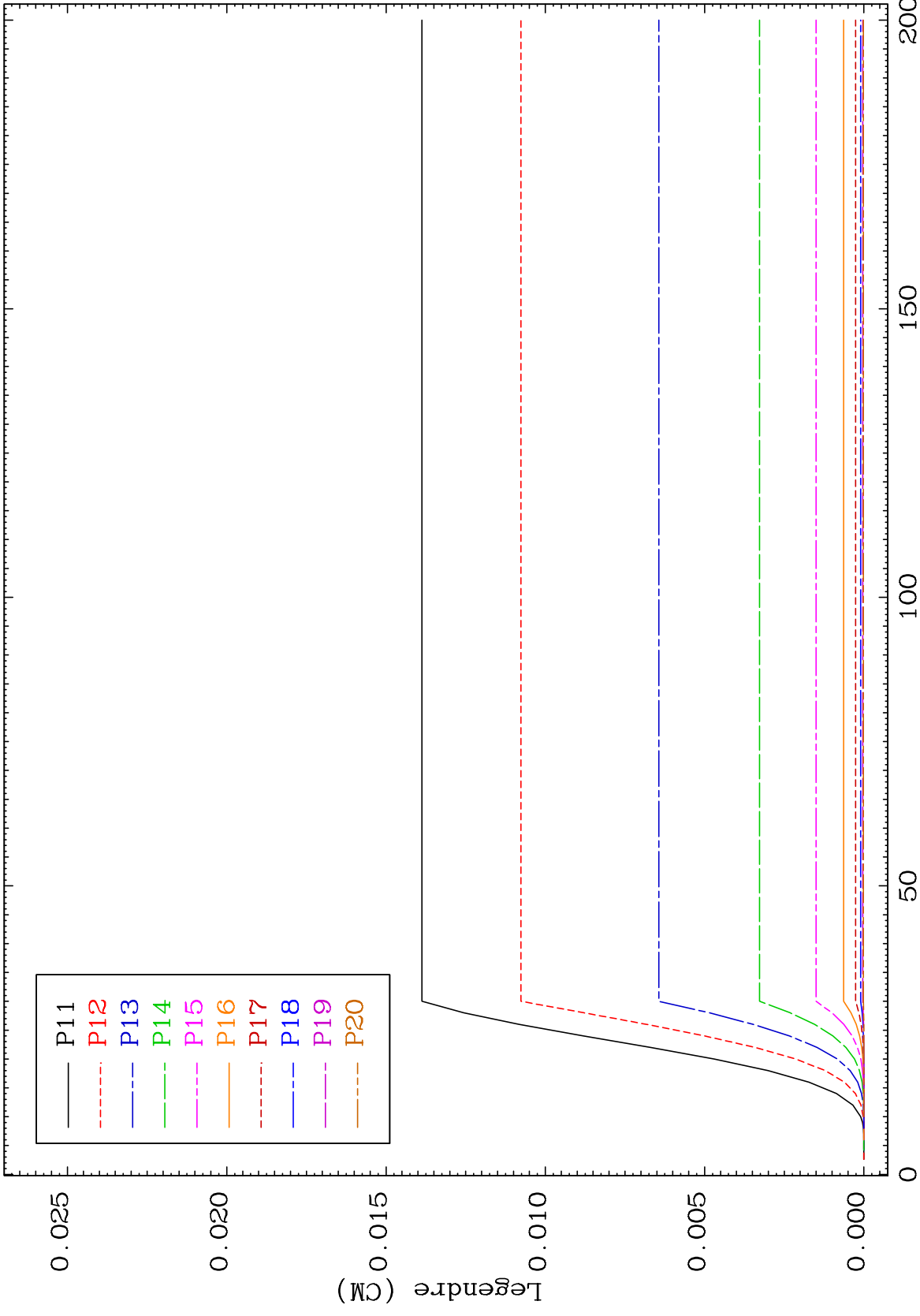
Incident Energy (MeV)

13-Al-24

MAT 1316

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

13-Al-24



21

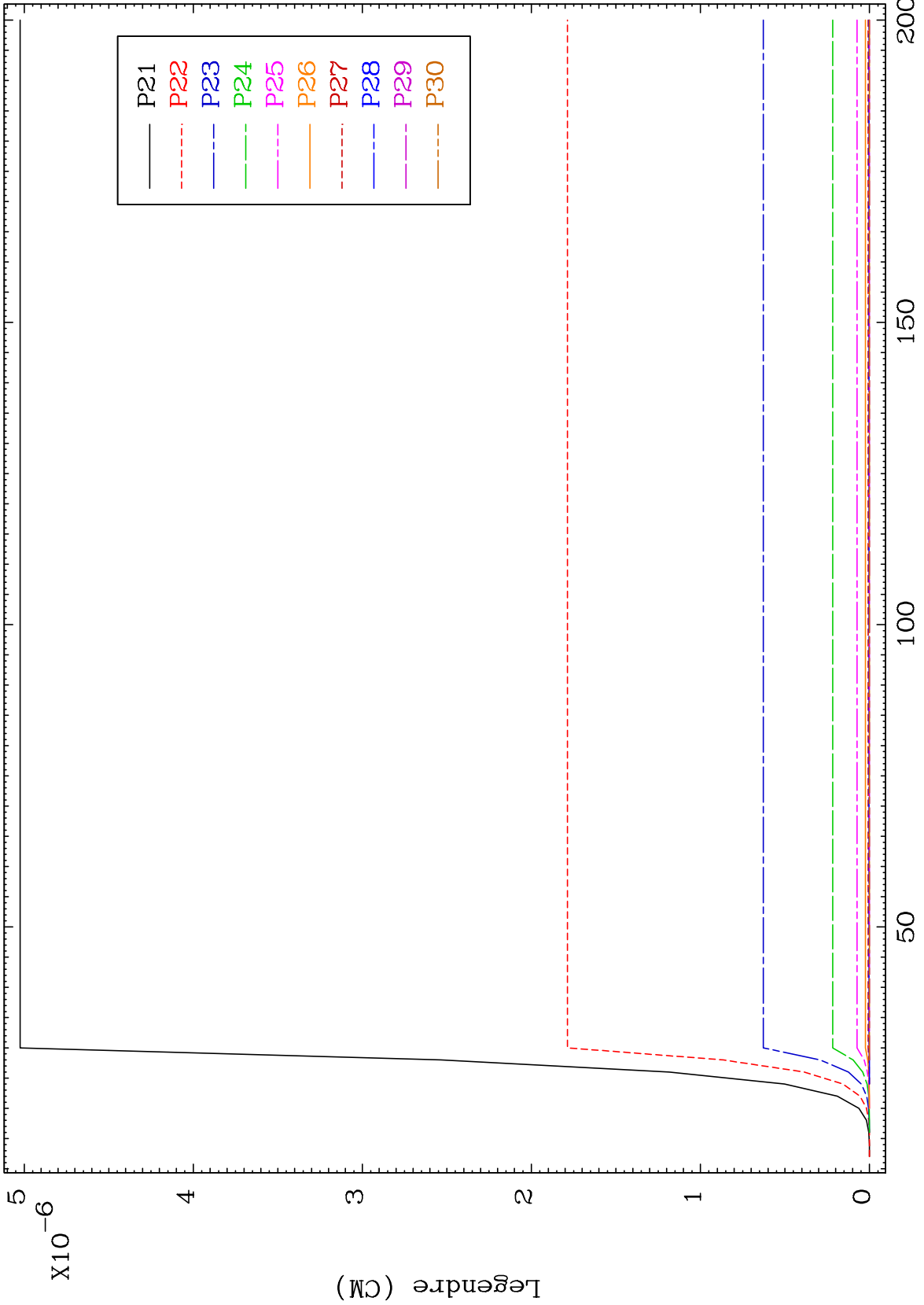
Incident Energy (MeV)

13-Al-24

MAT 1316

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

13-Al-24



22

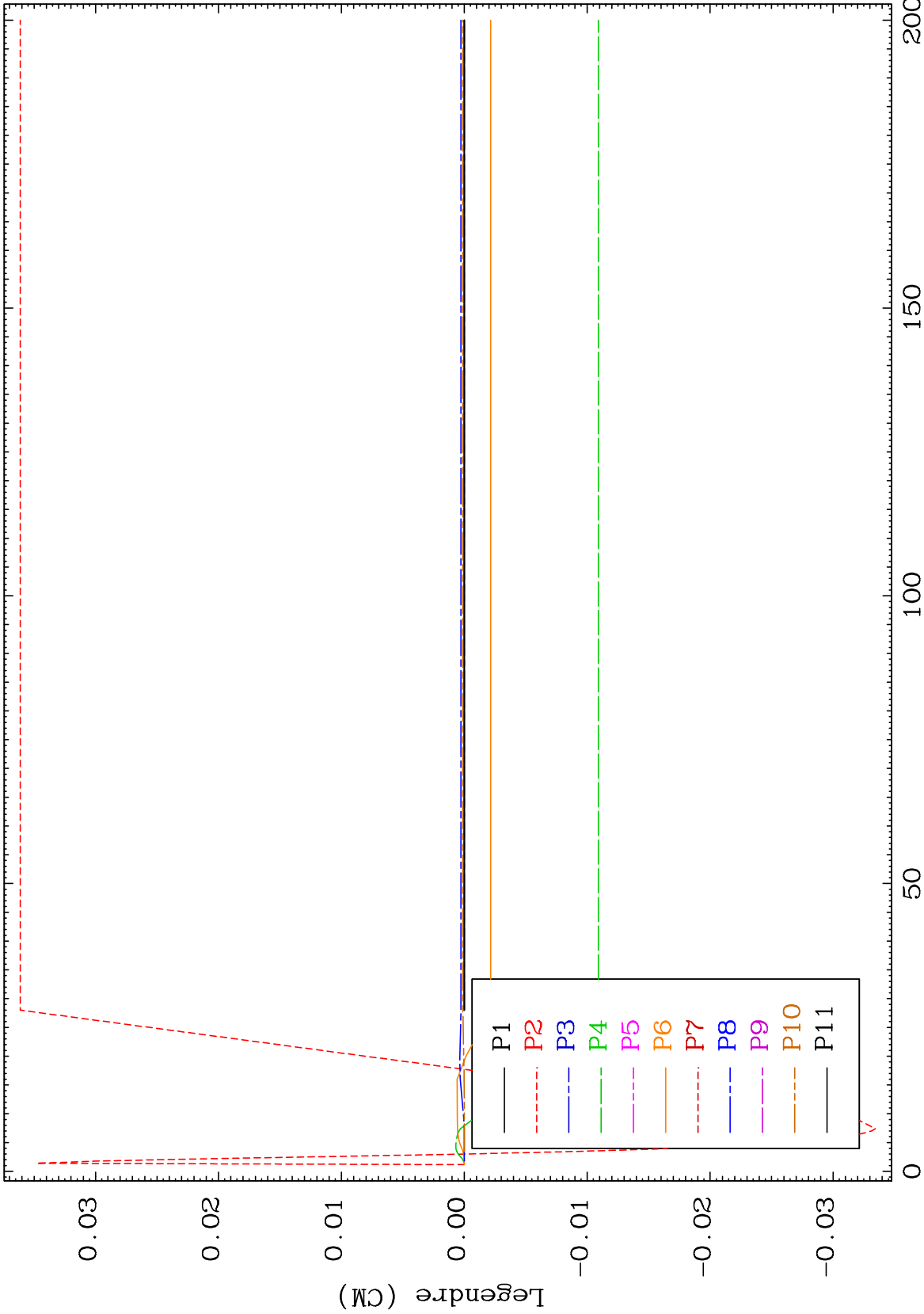
Incident Energy (MeV)

13-Al-24

MAT 1316

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

13-Al-24



23

Incident Energy (MeV)

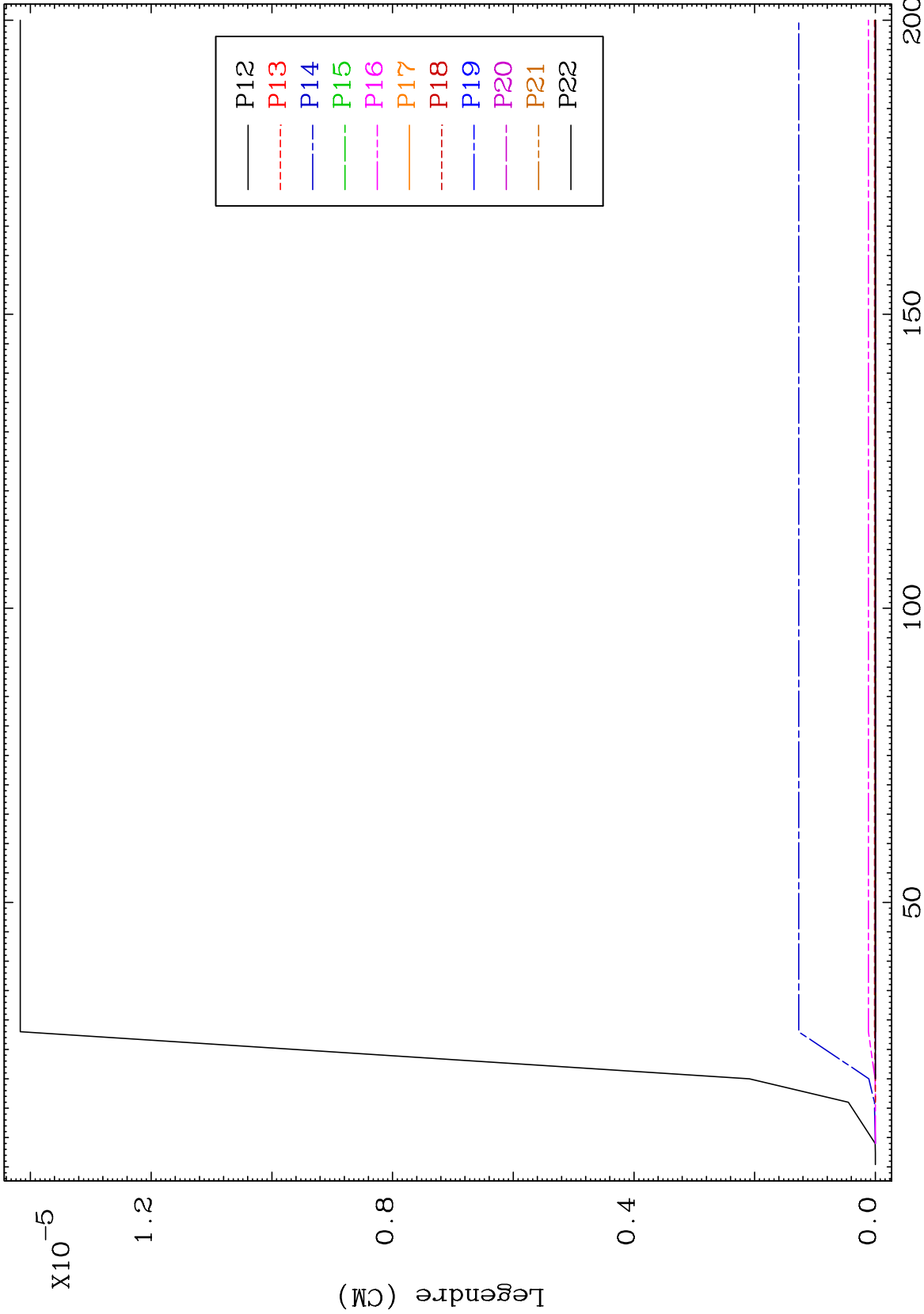
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MAT 1316

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

13-Al-24



24

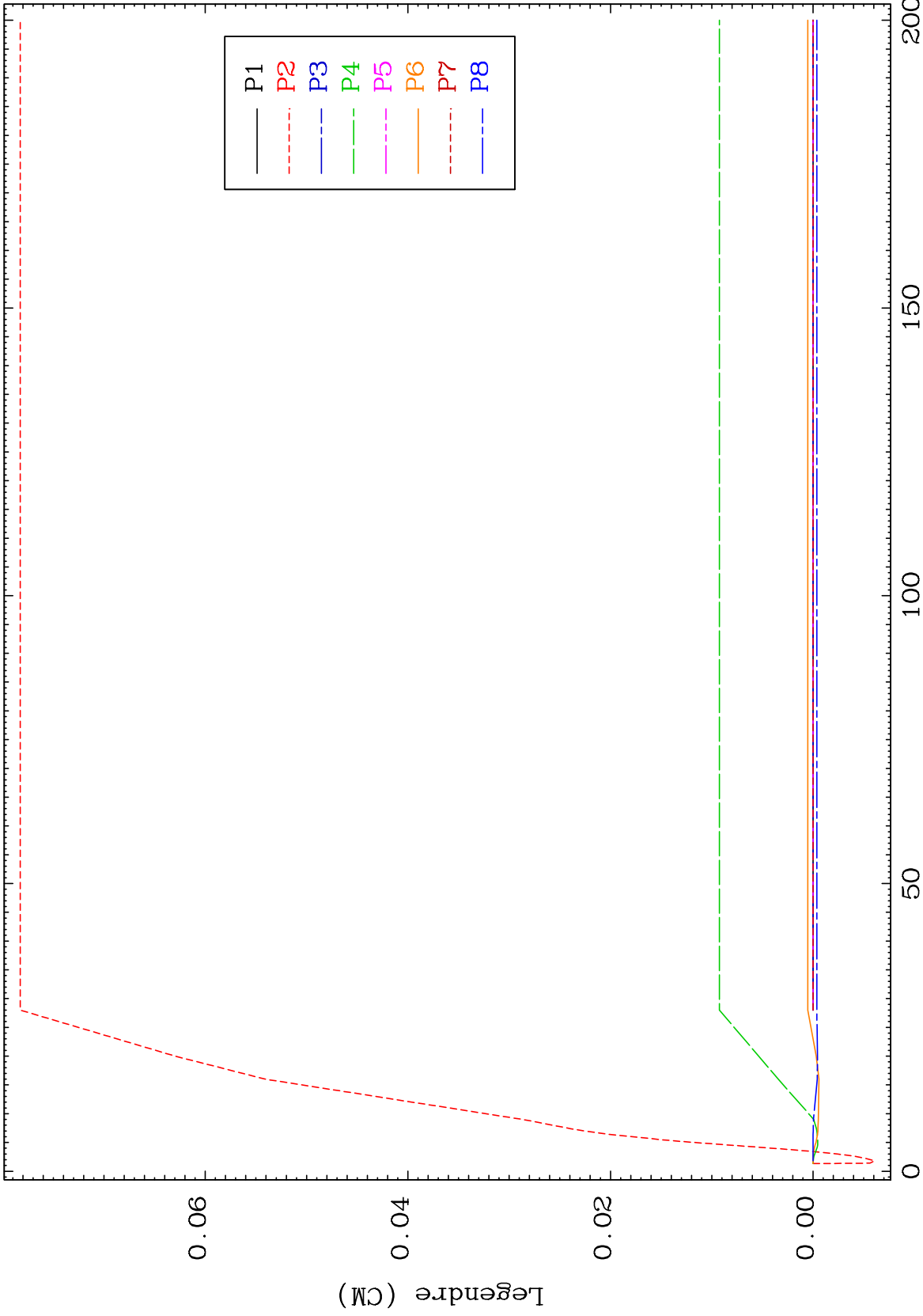
Incident Energy (MeV)

13-Al-24

MAT 1316

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

13-Al-24



25

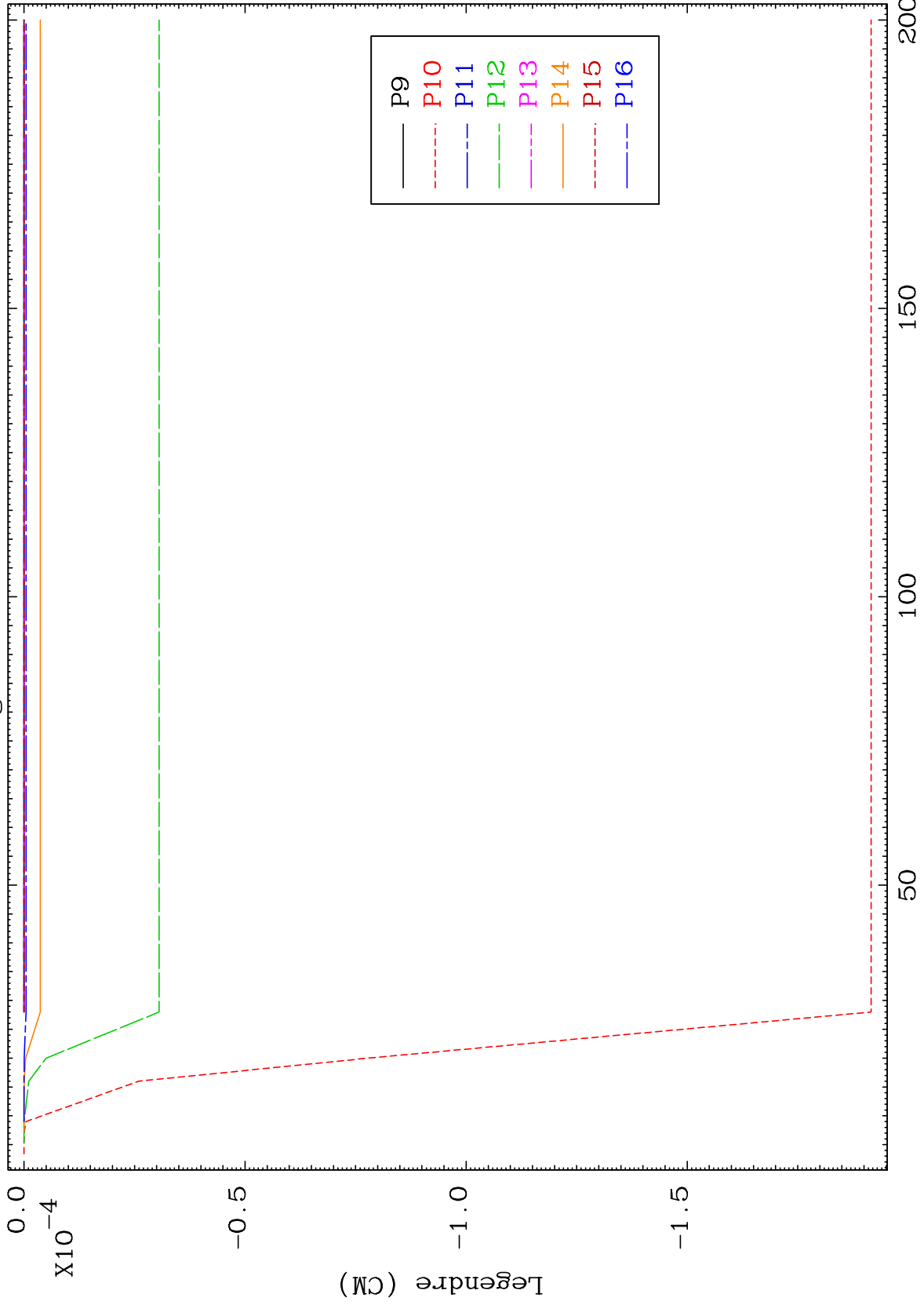
Incident Energy (MeV)

13-Al-24

MAT 1316

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

13-Al-24

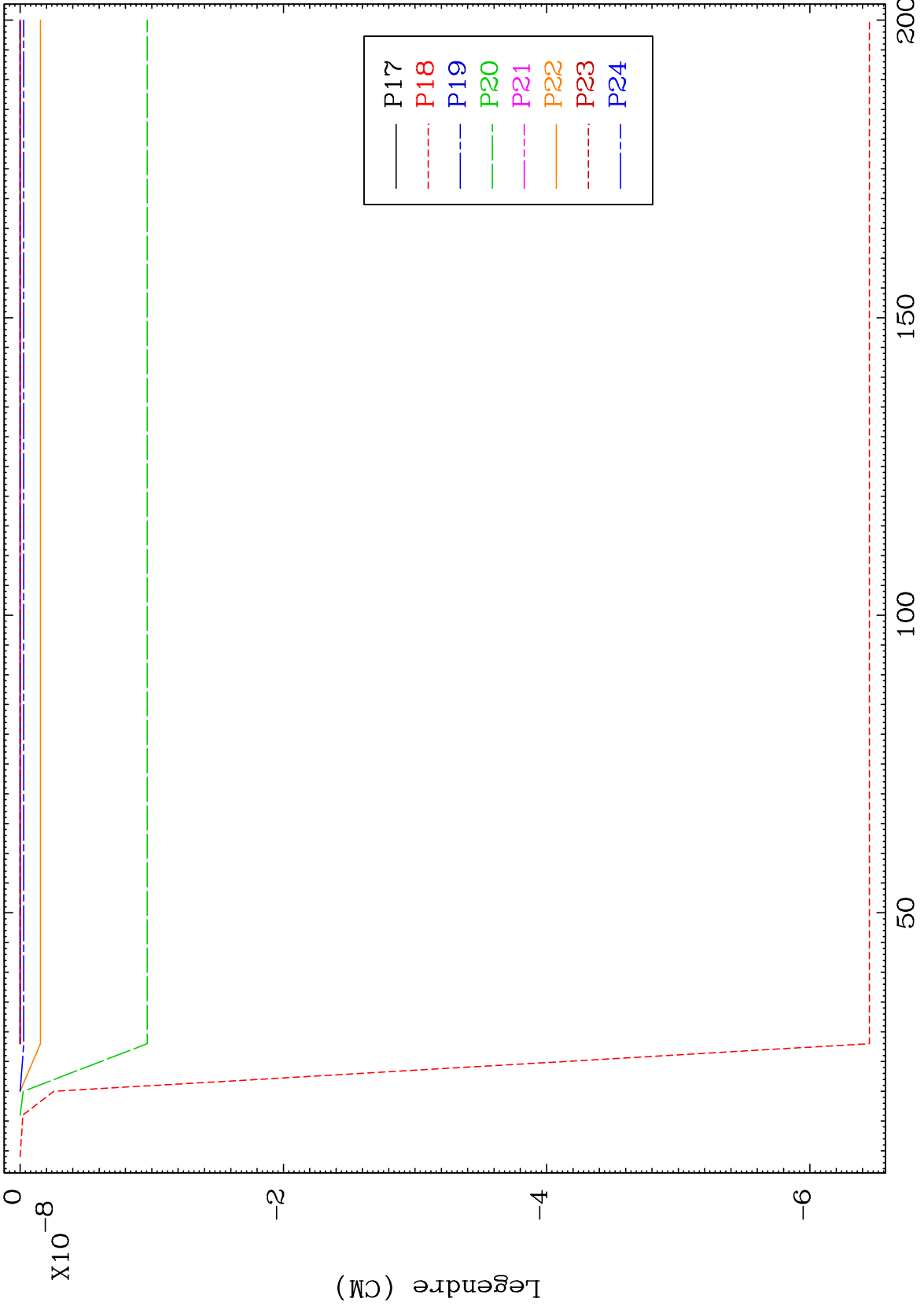


13-Al-24

Incident Energy (MeV)

26

MAT 1316 MT= 54 (n,n') Level Legendre Coefficients 13-Al-24

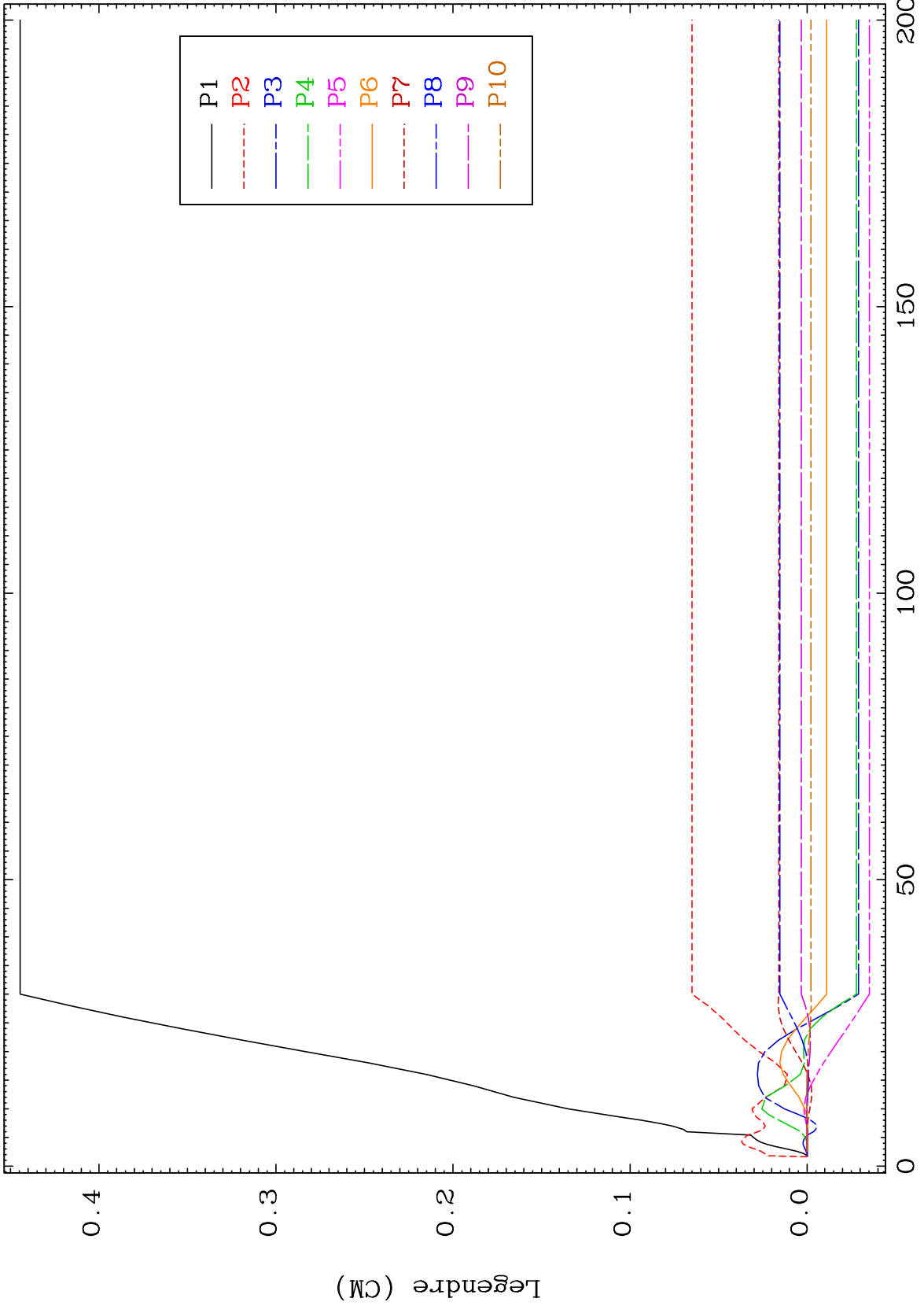


27 13-Al-24

MAT 1316

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

13-Al-24



28

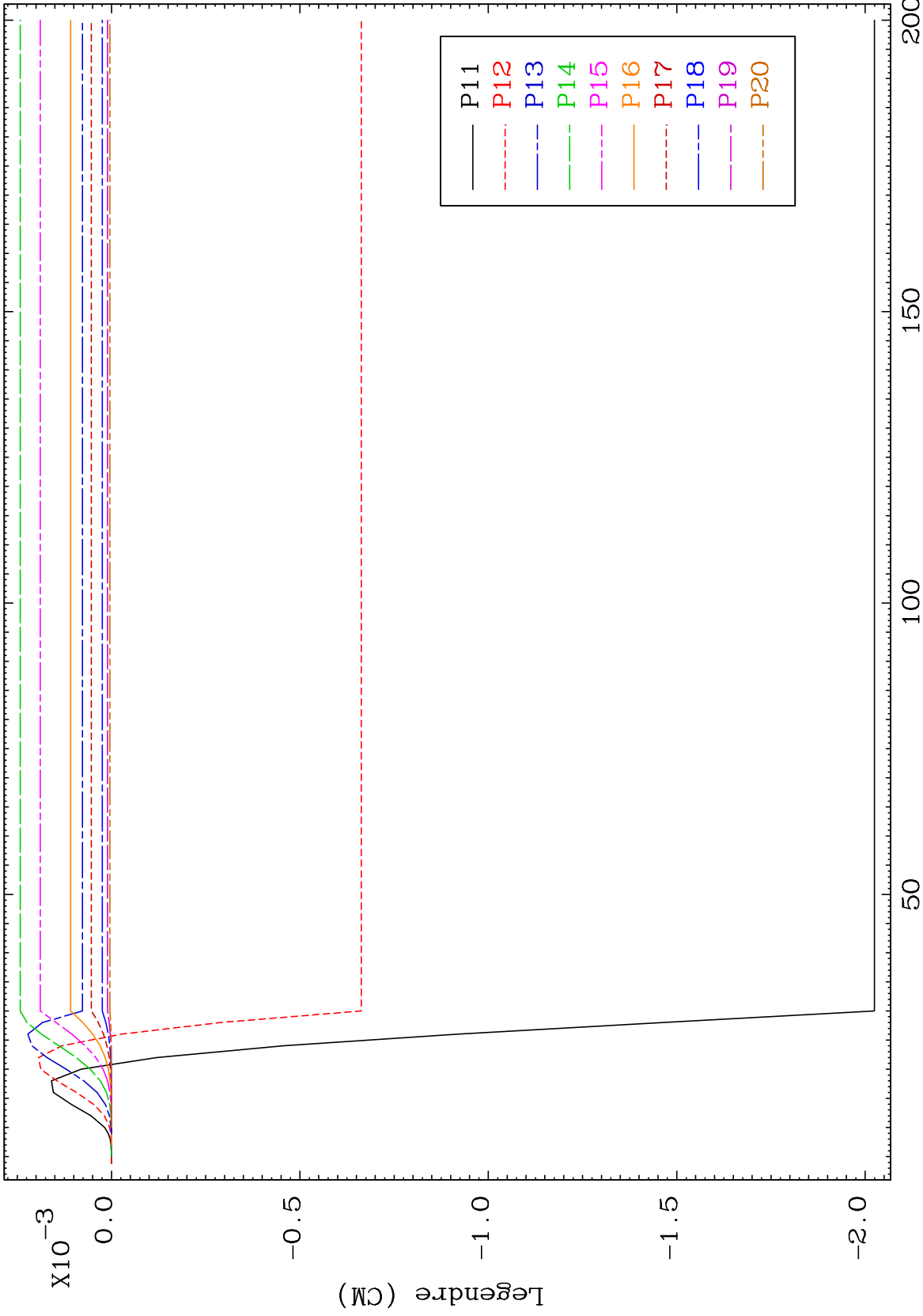
Incident Energy (MeV)

13-Al-24

MAT 1316

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

13-Al-24



29

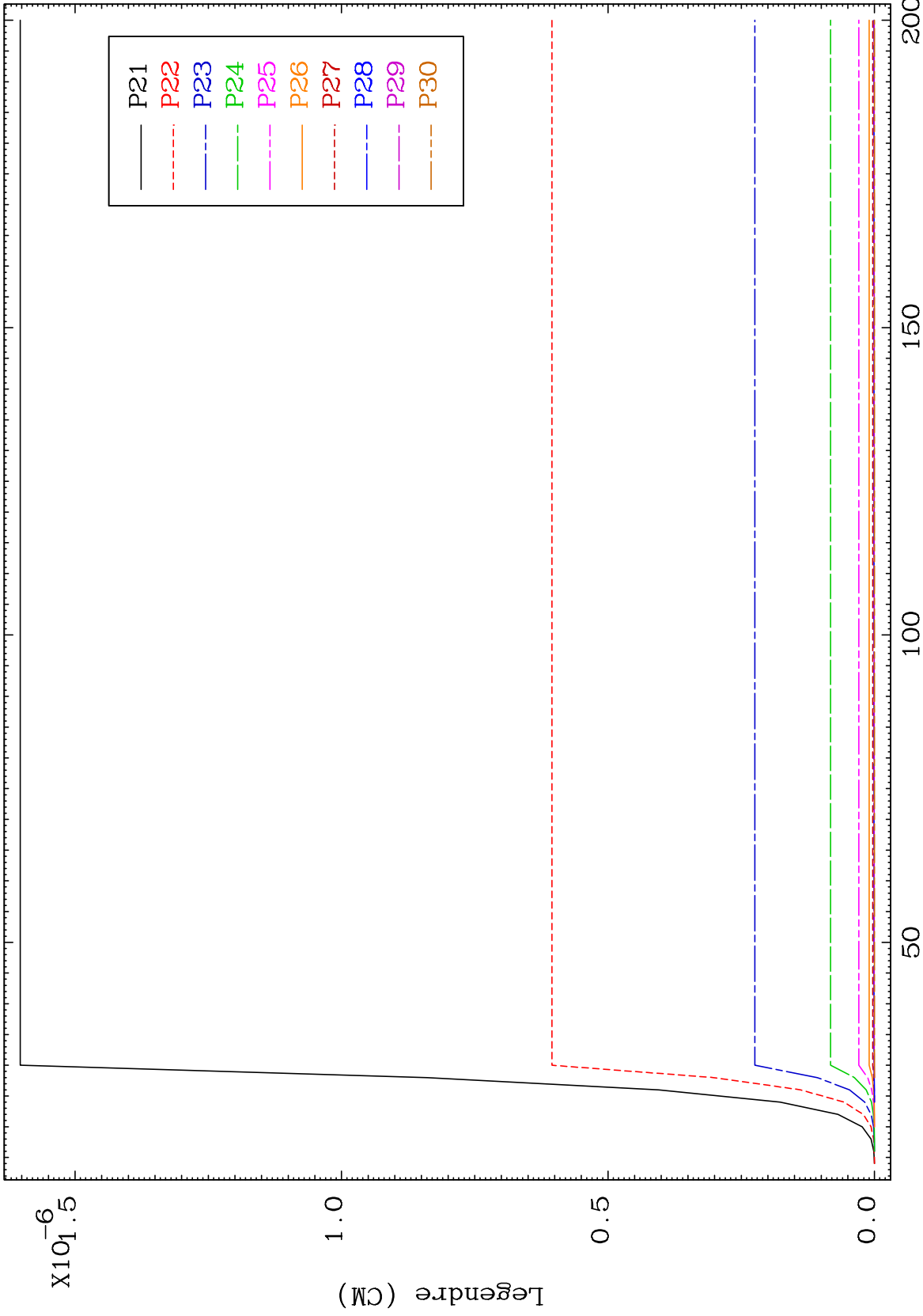
Incident Energy (MeV)

13-Al-24

MAT 1316

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

13-Al-24



30

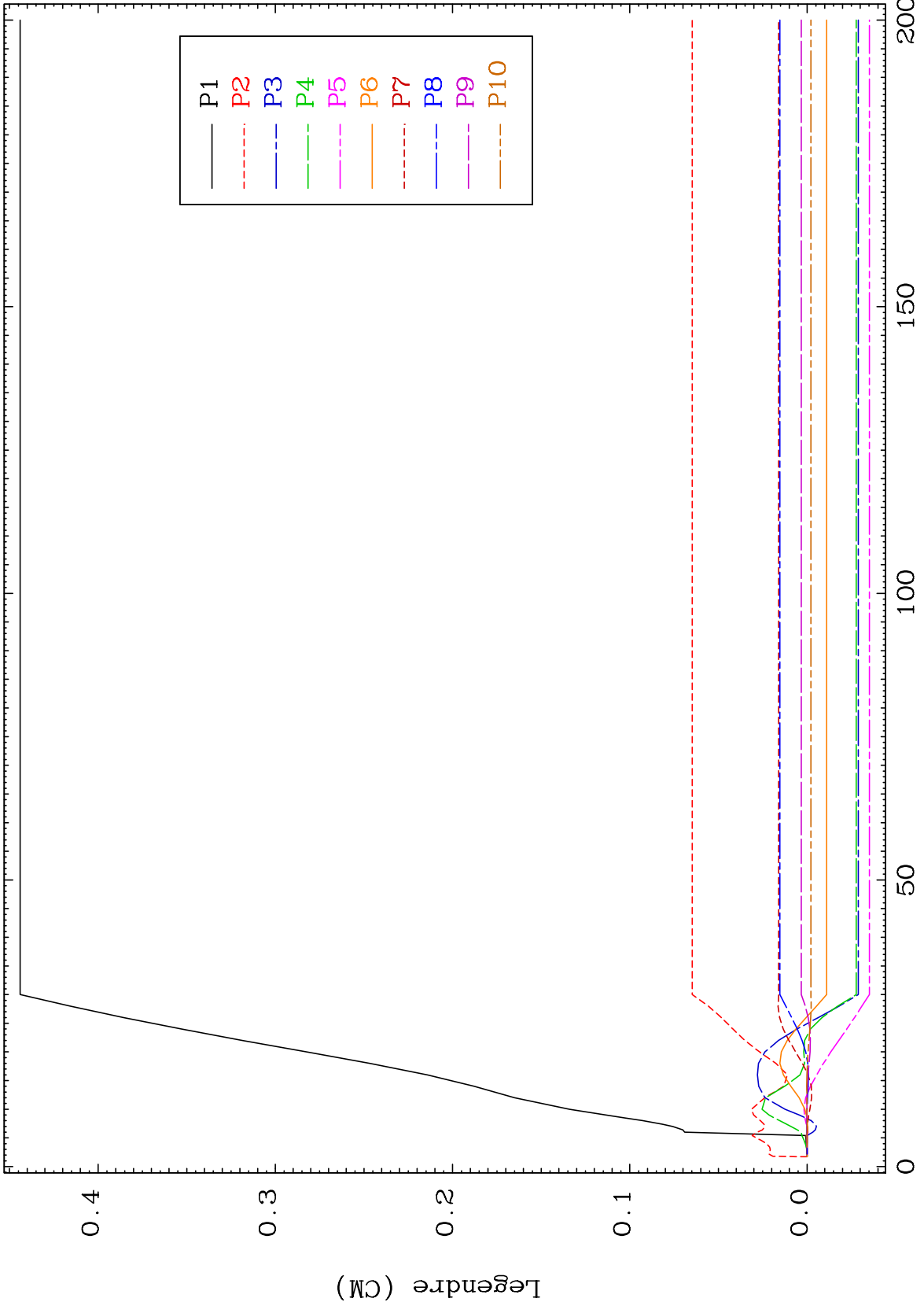
Incident Energy (MeV)

13-Al-24

MAT 1316

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

13-Al-24



31

Incident Energy (MeV)

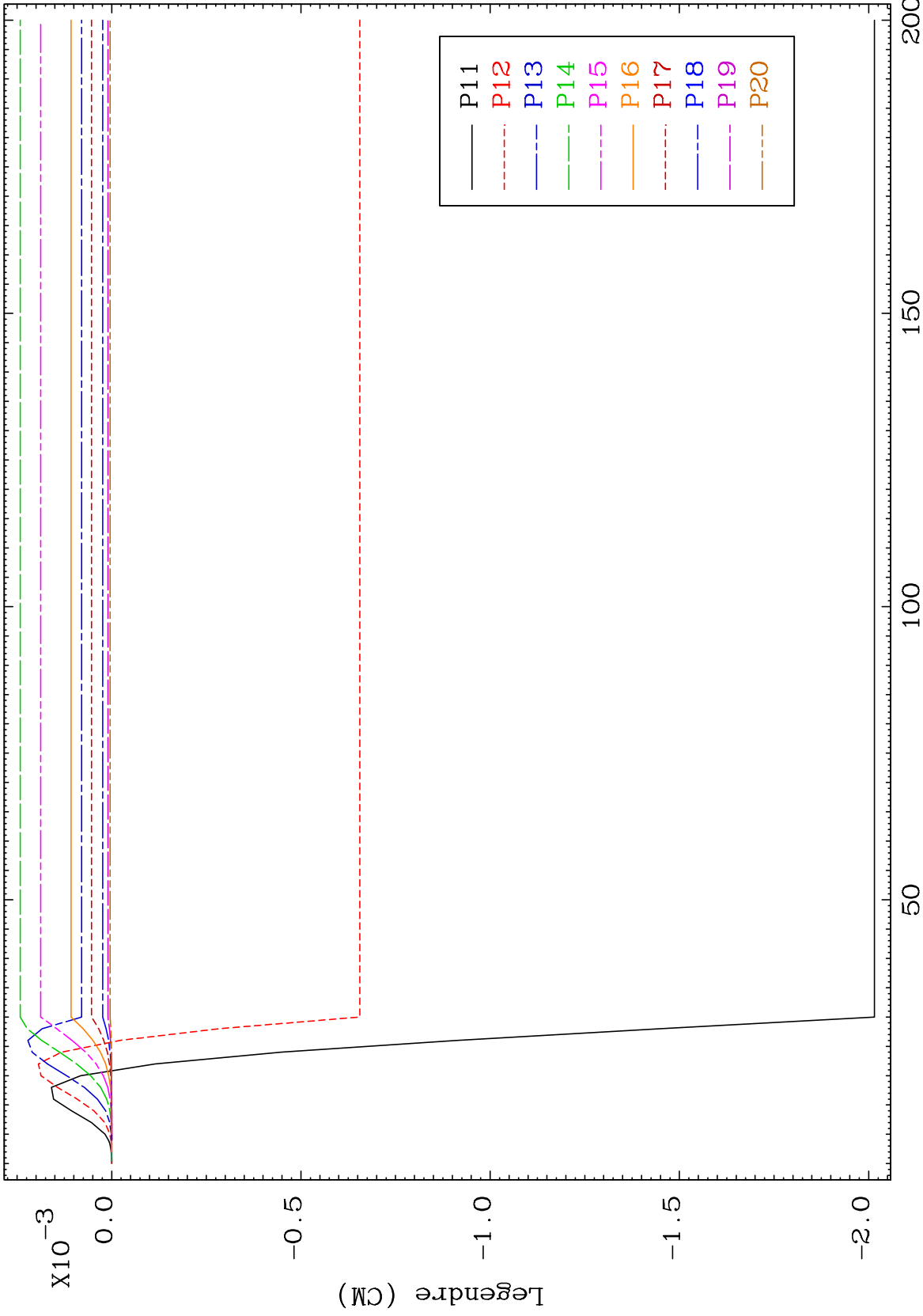
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MAT 1316

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

13-Al-24



32

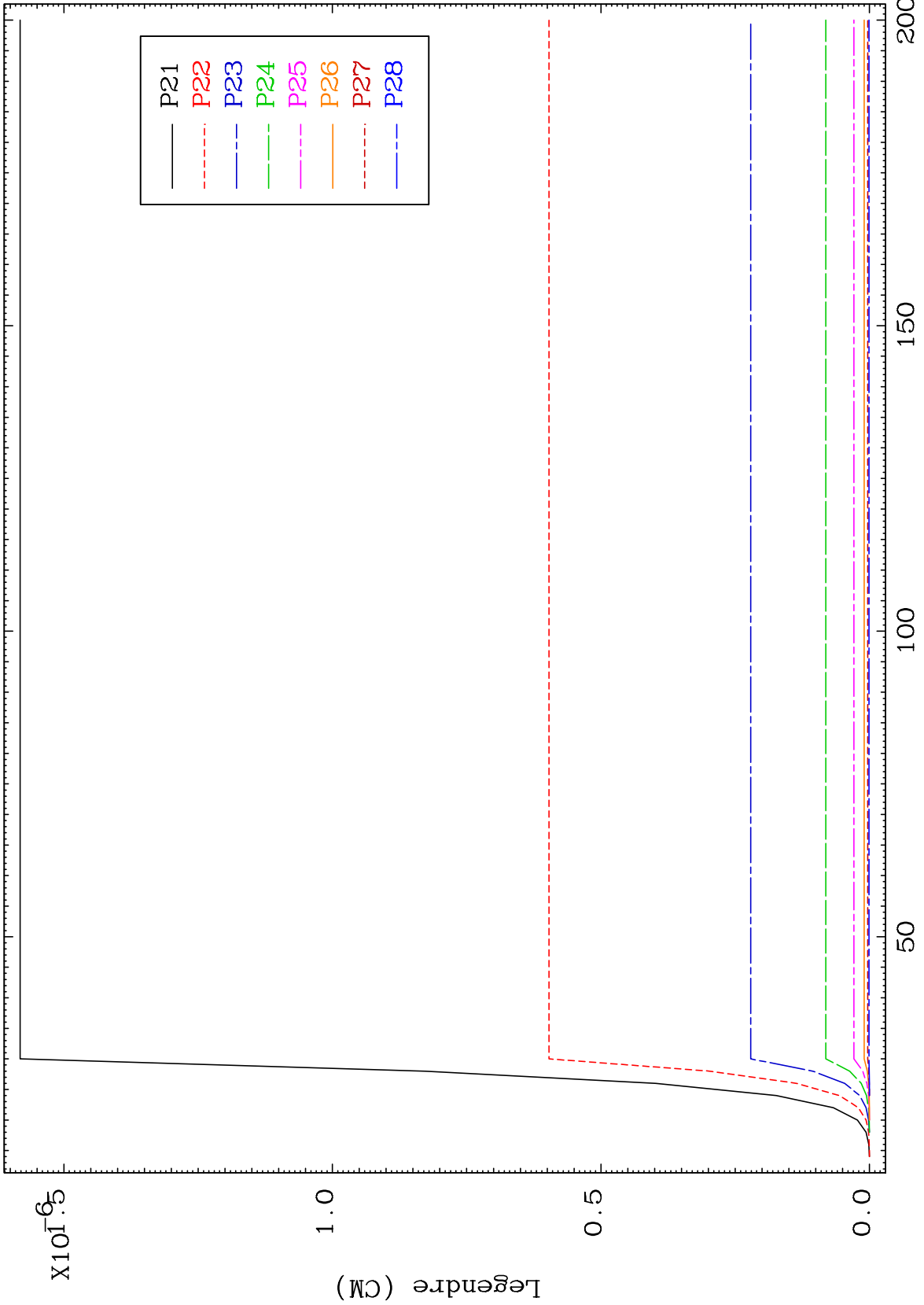
Incident Energy (MeV)

13-Al-24

MAT 1316

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

13-Al-24



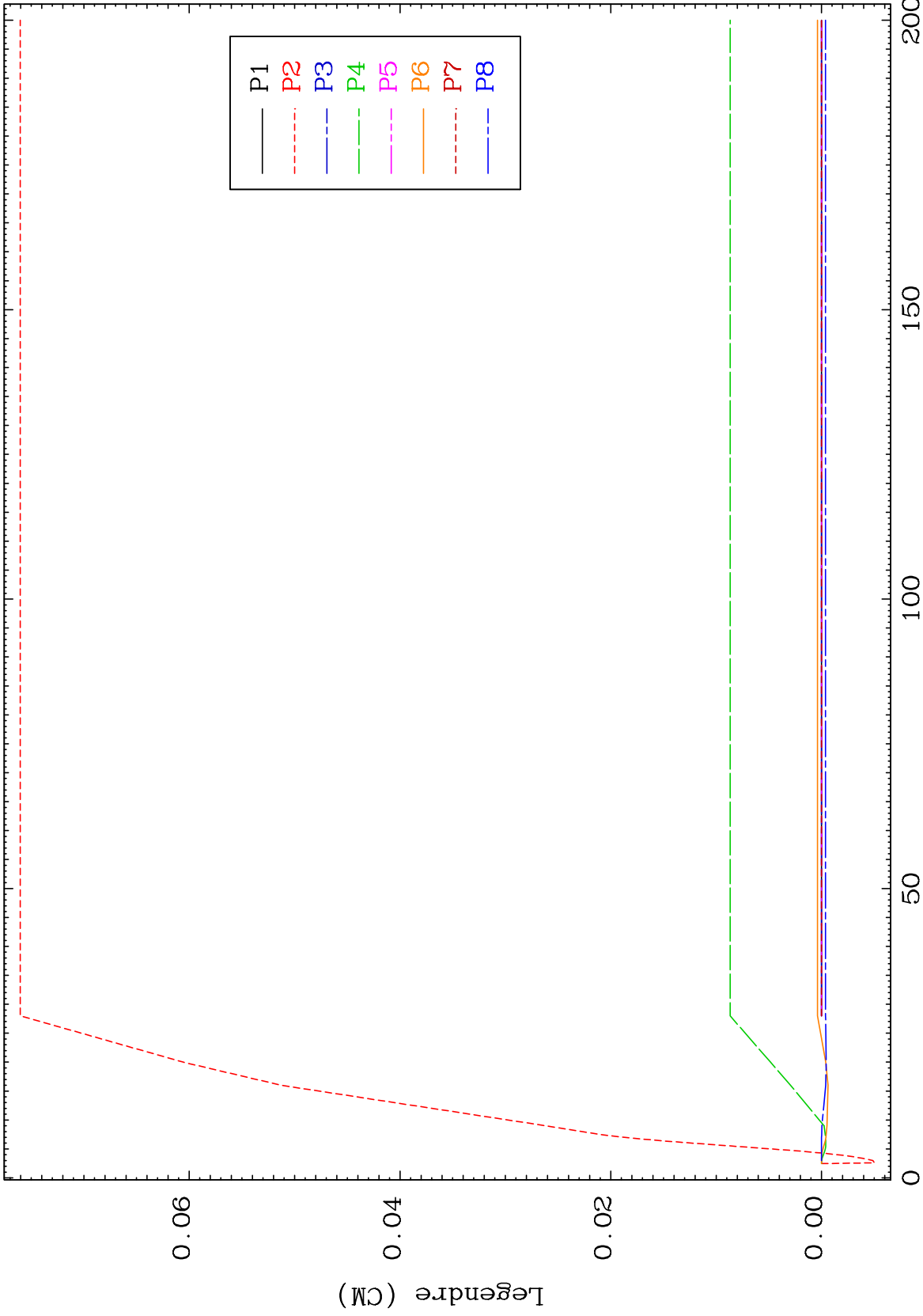
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13-Al-24

MAT 1316

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

13-Al-24

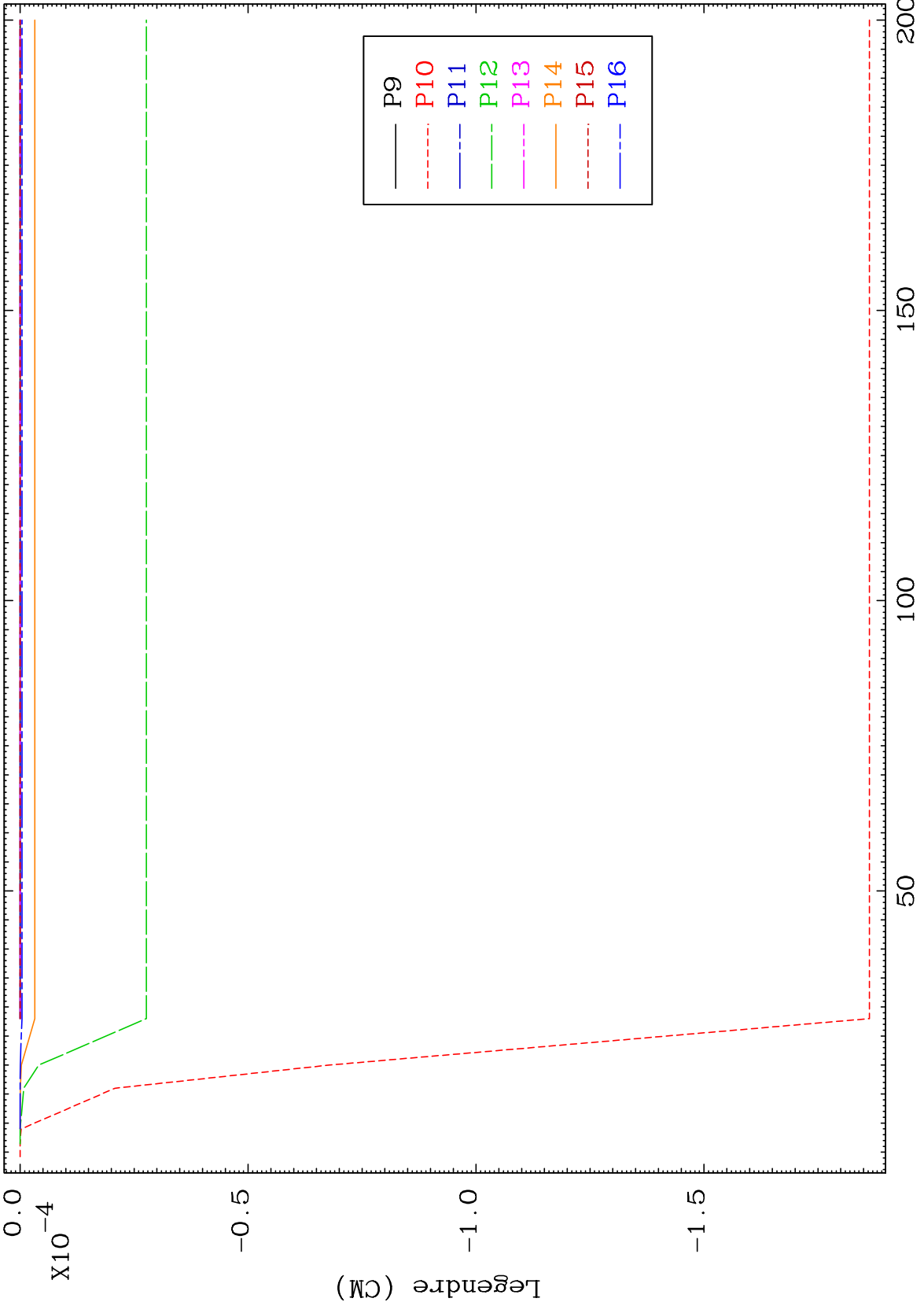


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Incident Energy (MeV)

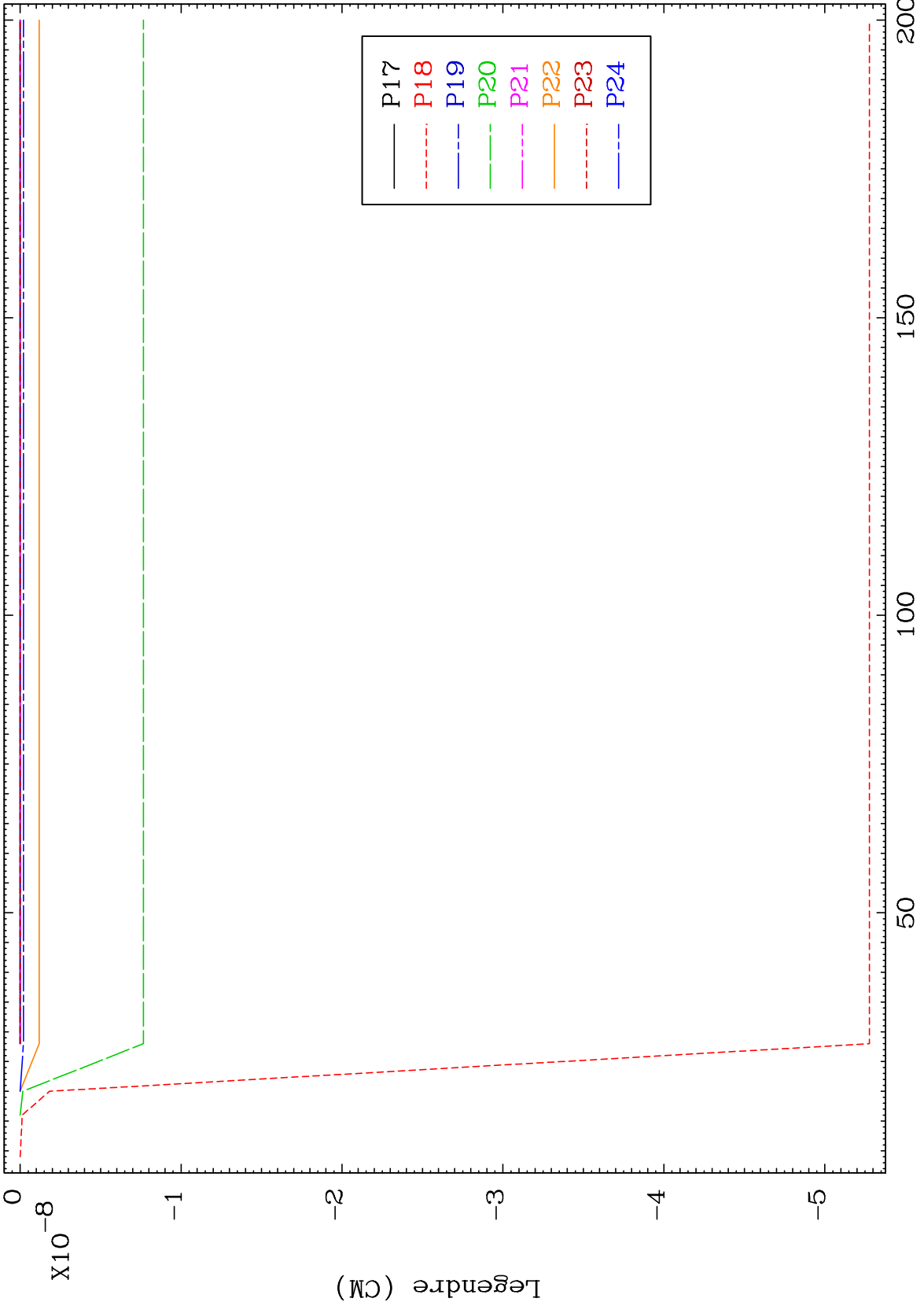
13-Al-24

MAT 1316 MT= 57 (n,n') Level Legendre Coefficients 13-Al-24



35 Incident Energy (MeV) 13-Al-24

MAT 1316 MT= 57 (n,n') Level Legendre Coefficients 13-Al-24

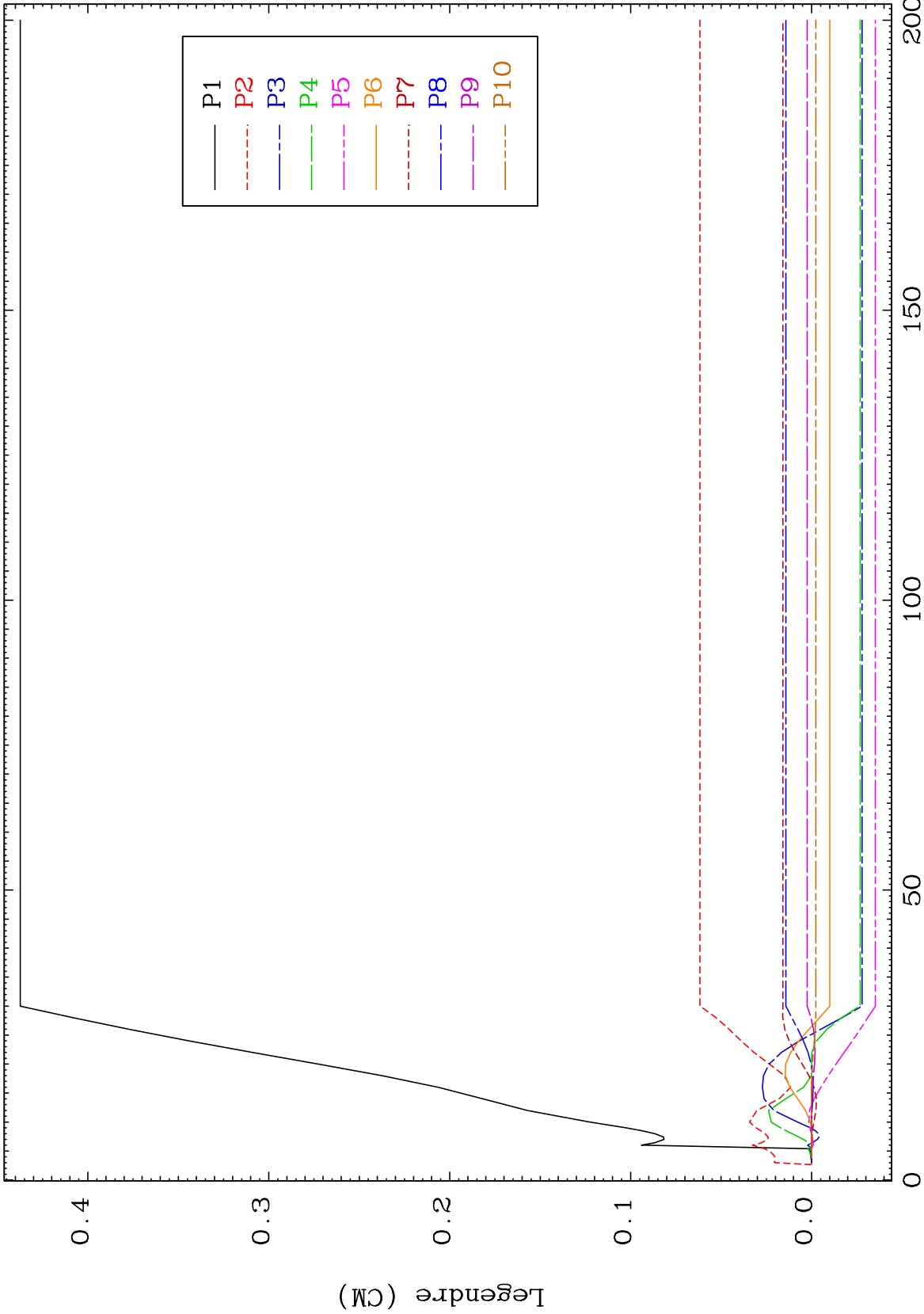


36 Incident Energy (MeV) 13-Al-24

MAT 1316

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

13-Al-24



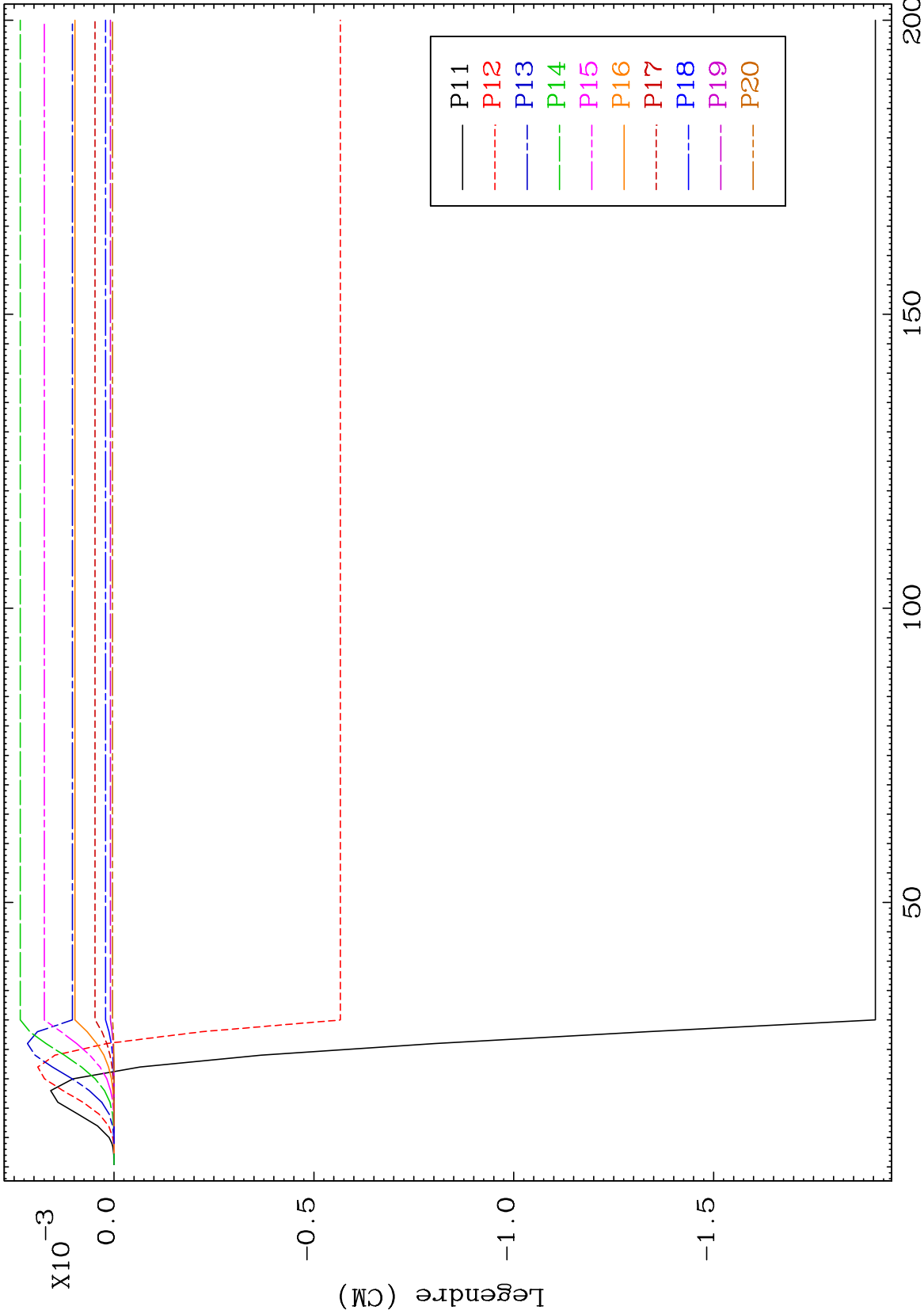
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13-Al-24

MAT 1316

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

13-Al-24



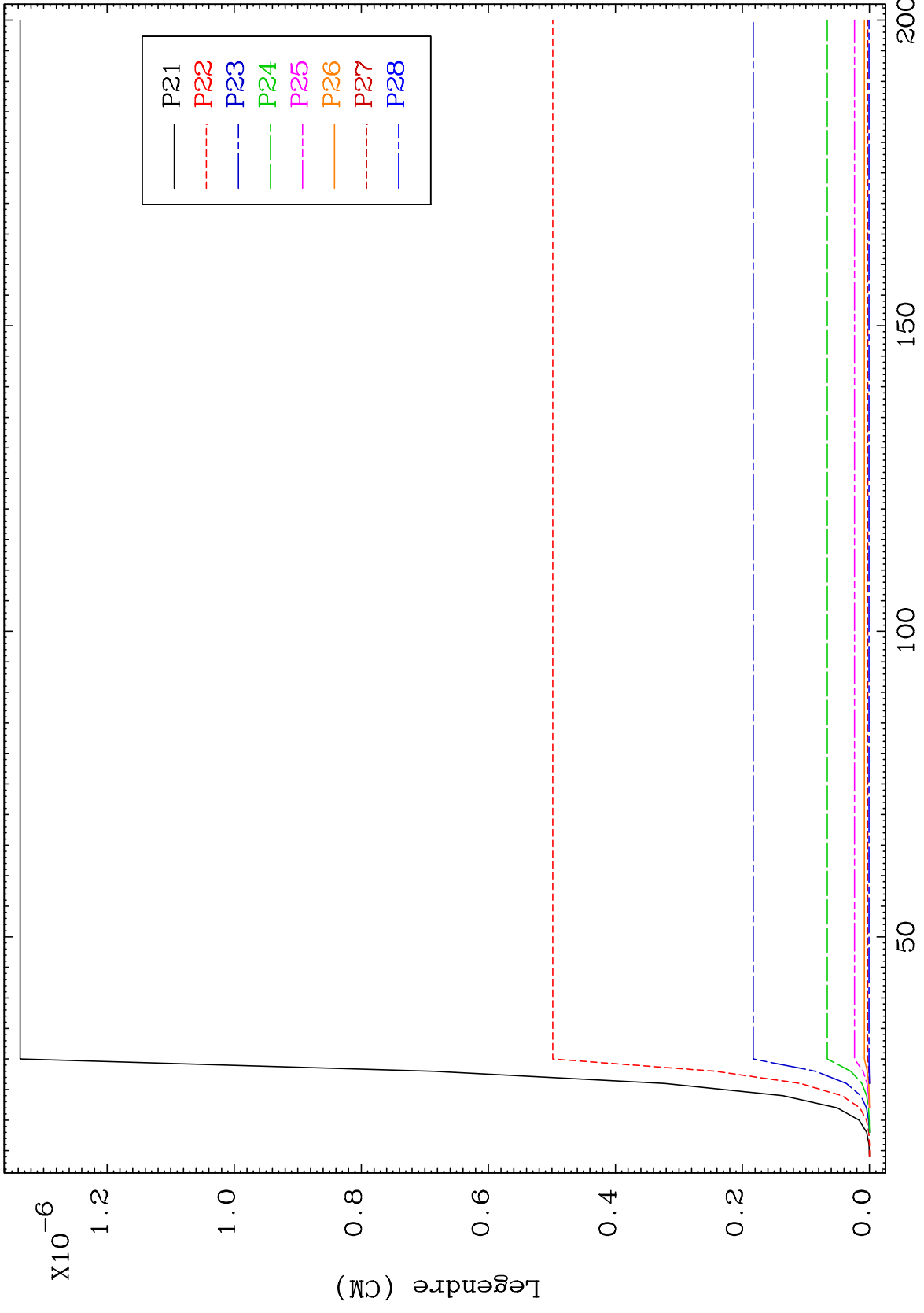
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13-Al-24

MAT 1316

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

13-Al-24



39

Incident Energy (MeV)

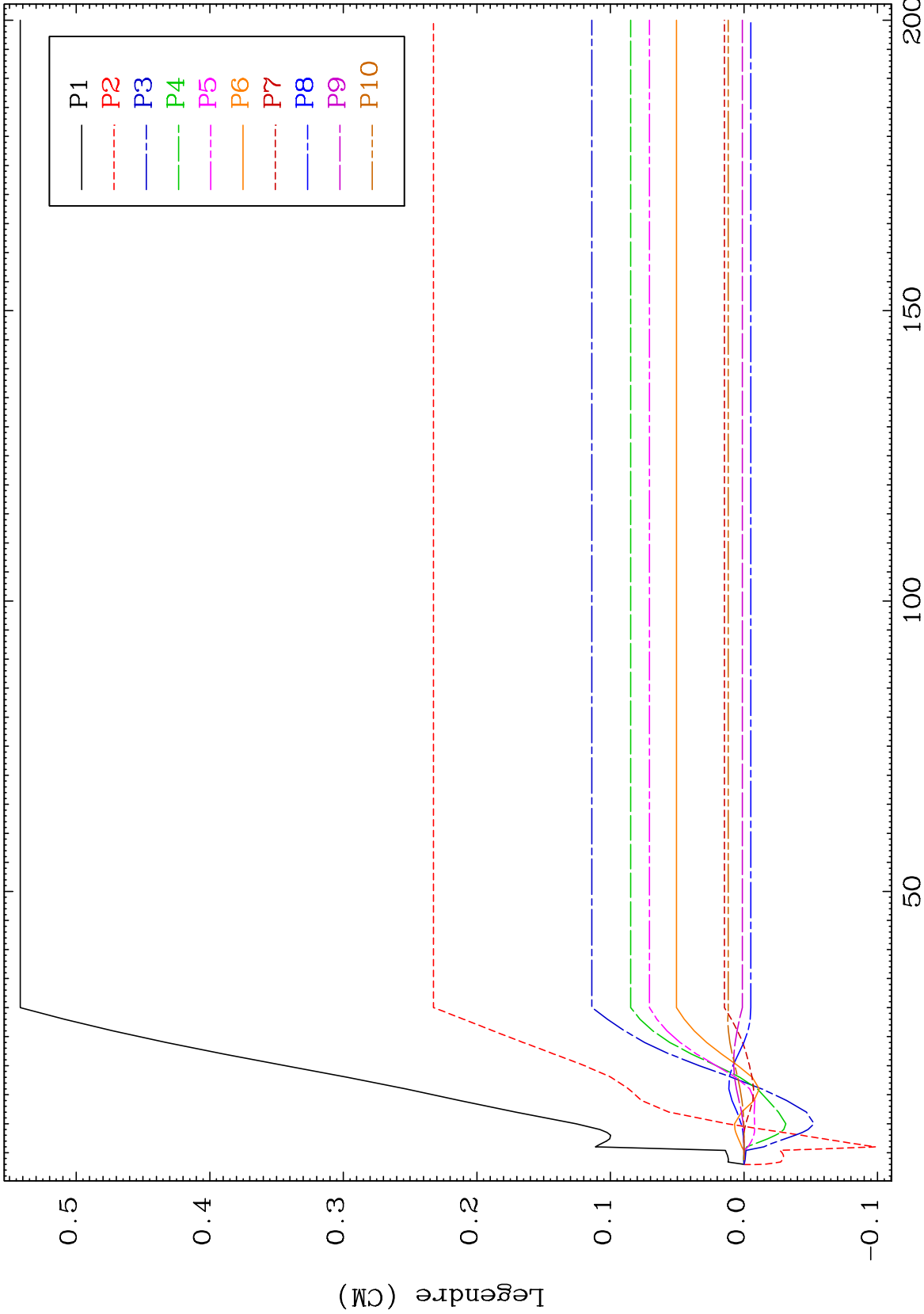
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MAT 1316

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

13-Al-24



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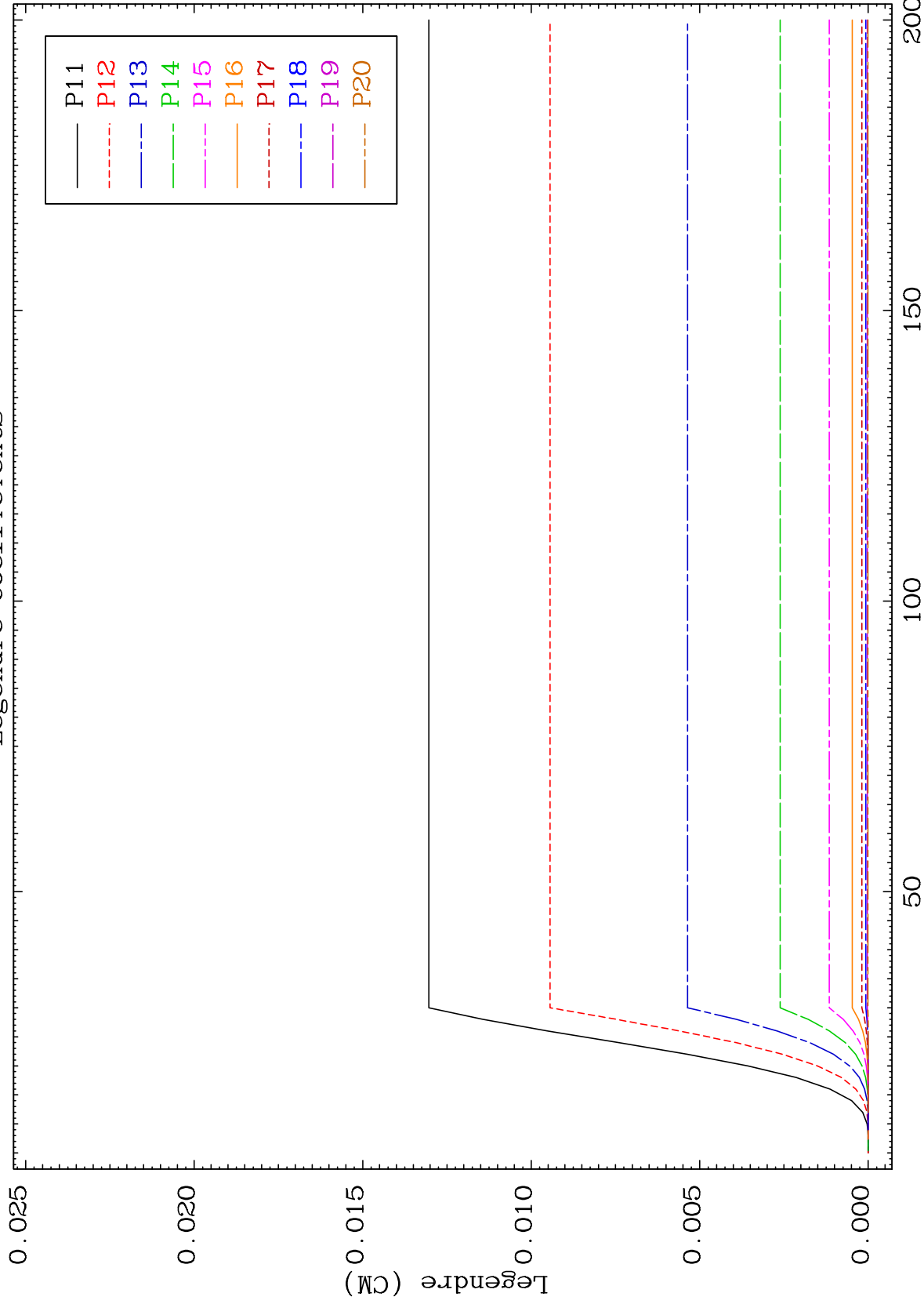
Incident Energy (MeV)

13-Al-24

MAT 1316

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

13-Al-24



41

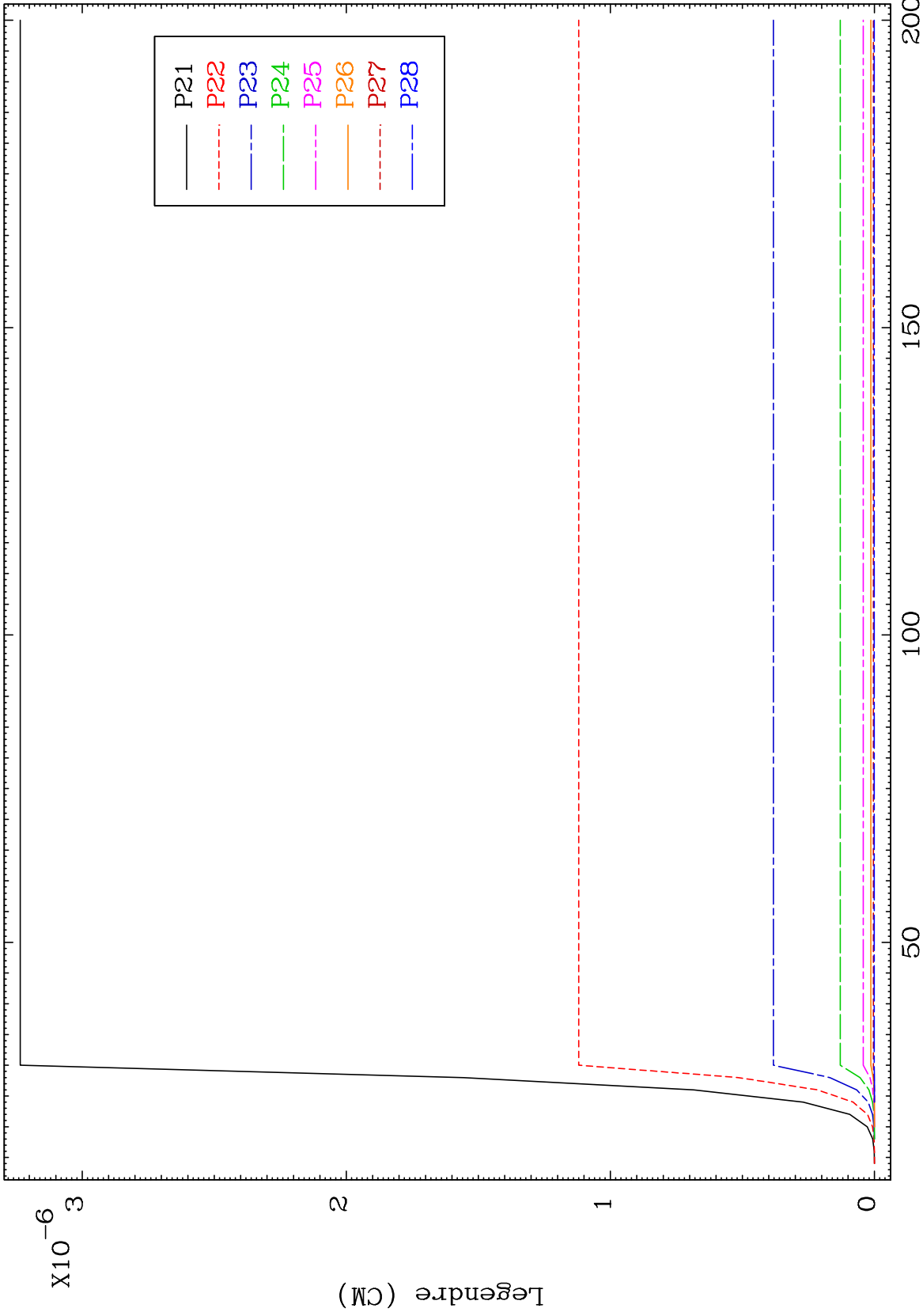
Incident Energy (MeV)

13-Al-24

MAT 1316

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

13-Al-24

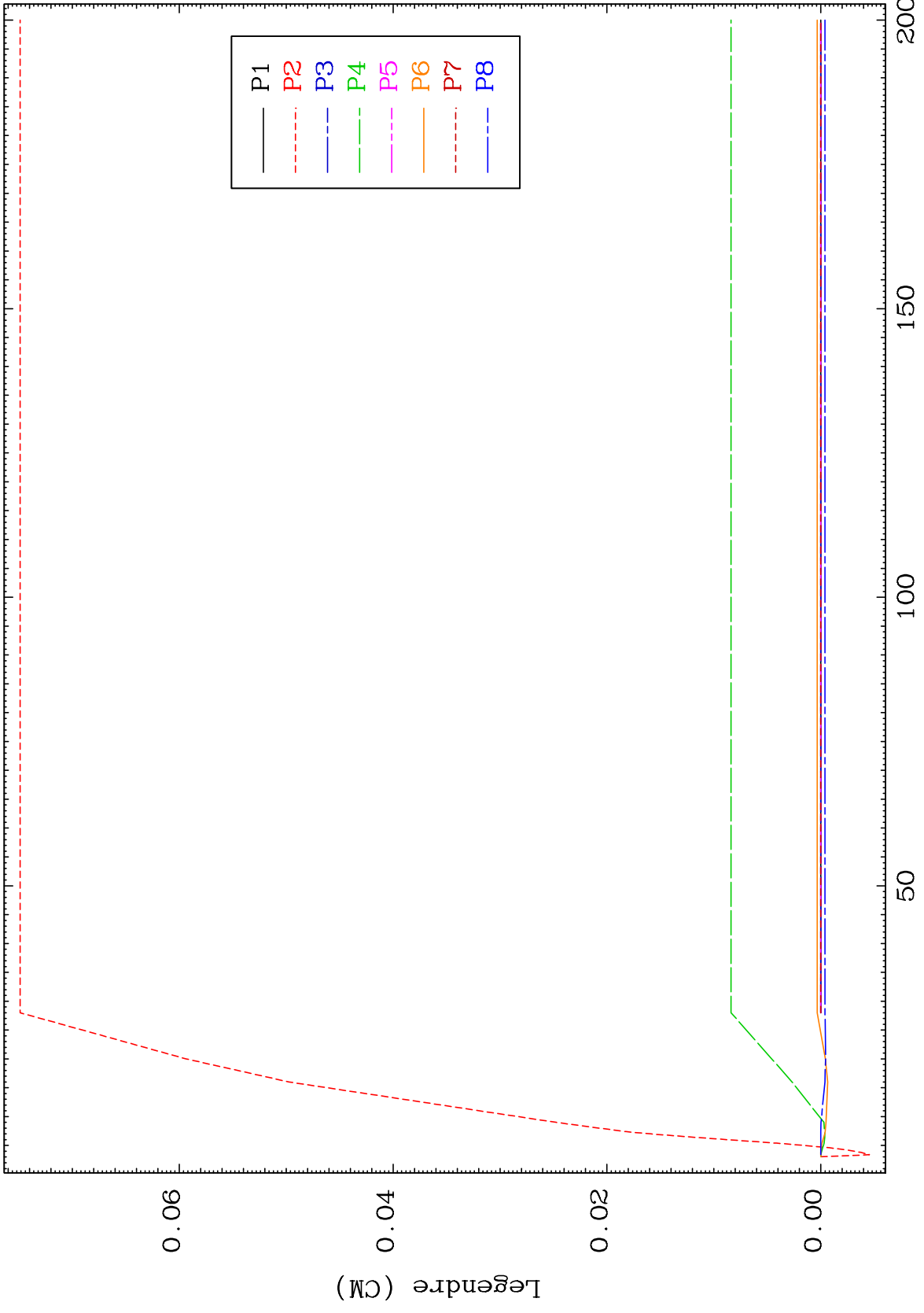


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Incident Energy (MeV)

13-Al-24

MAT 1316 MT= 60 (n,n') Level Legendre Coefficients 13-AI-24

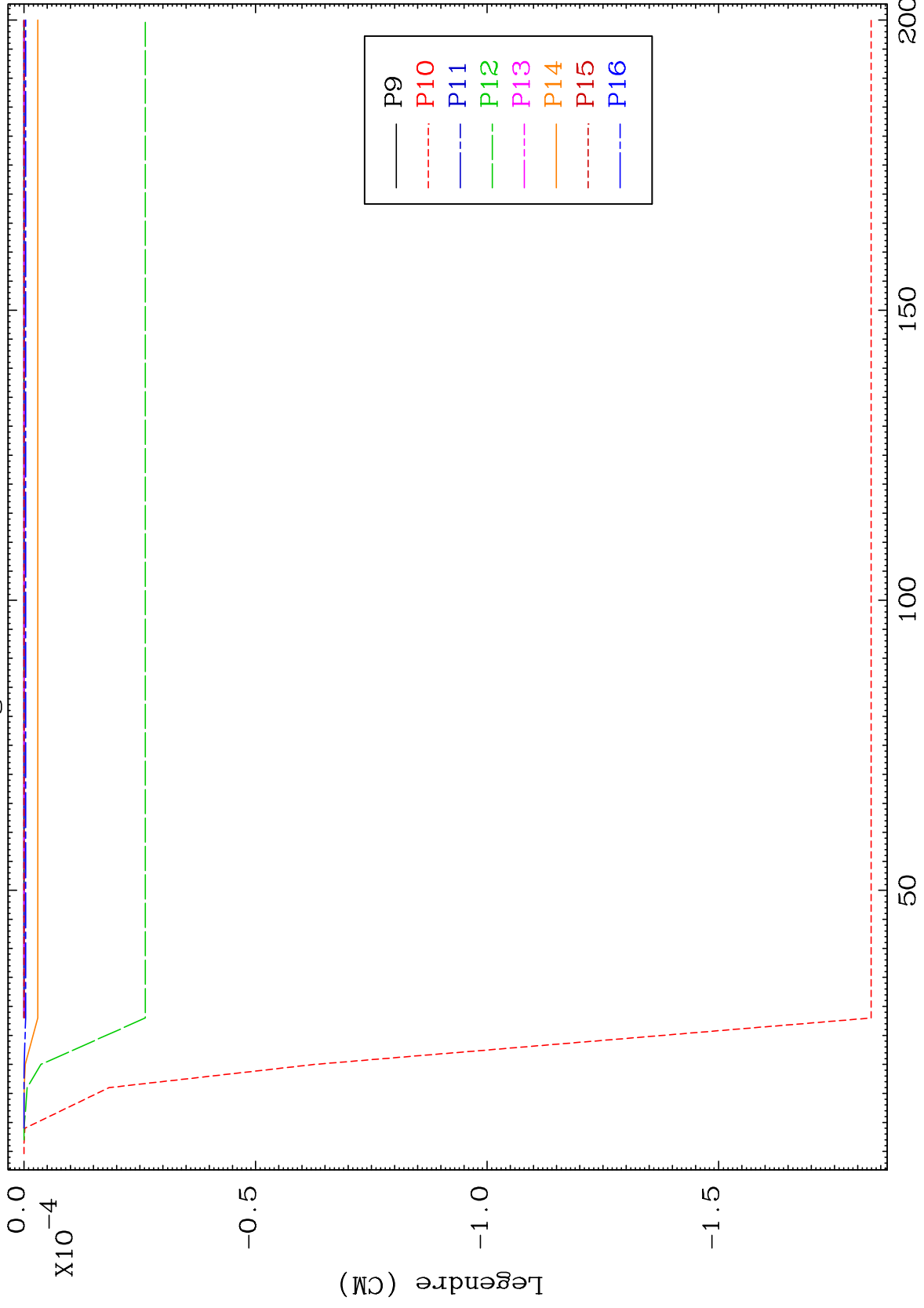


43 Incident Energy (MeV) 13-AI-24

MAT 1316

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

13-A1-24

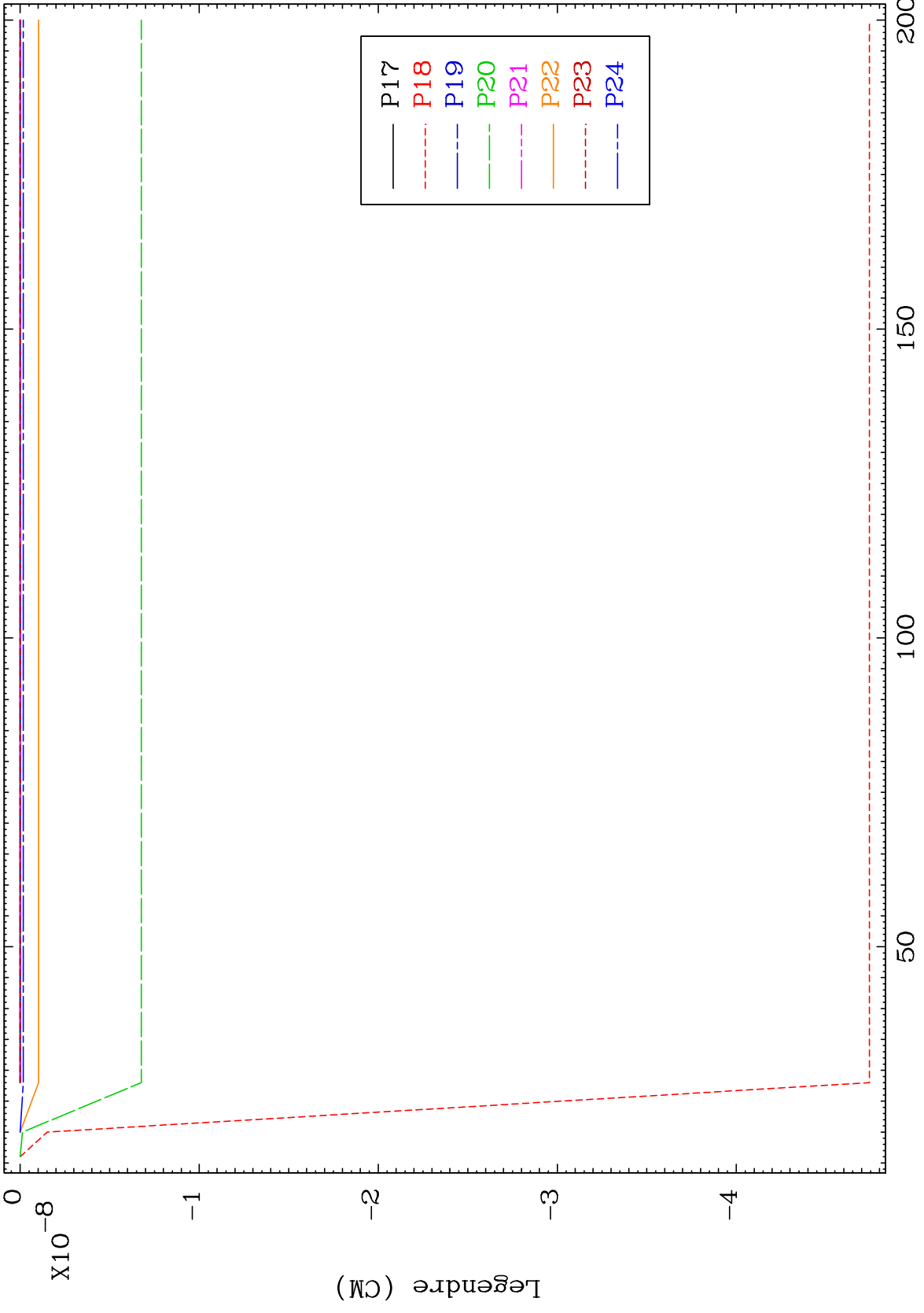


13-A1-24

Incident Energy (MeV)

44

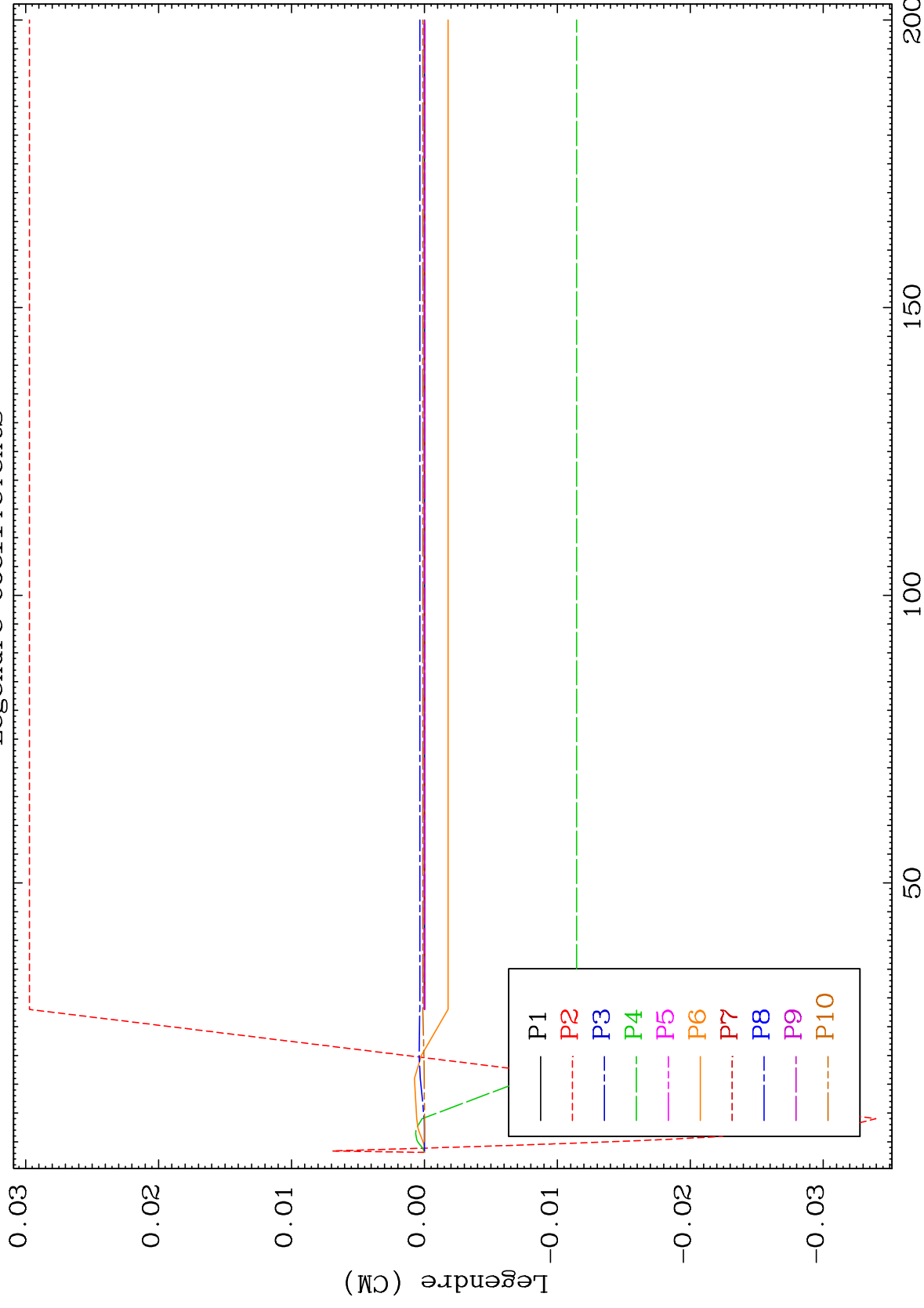
MAT 1316 MT= 60 (n,n') Level Legendre Coefficients 13-Al-24



45 Incident Energy (MeV) 13-Al-24

MAT 1316 MT= 61 (n,n') Level Legendre Coefficients

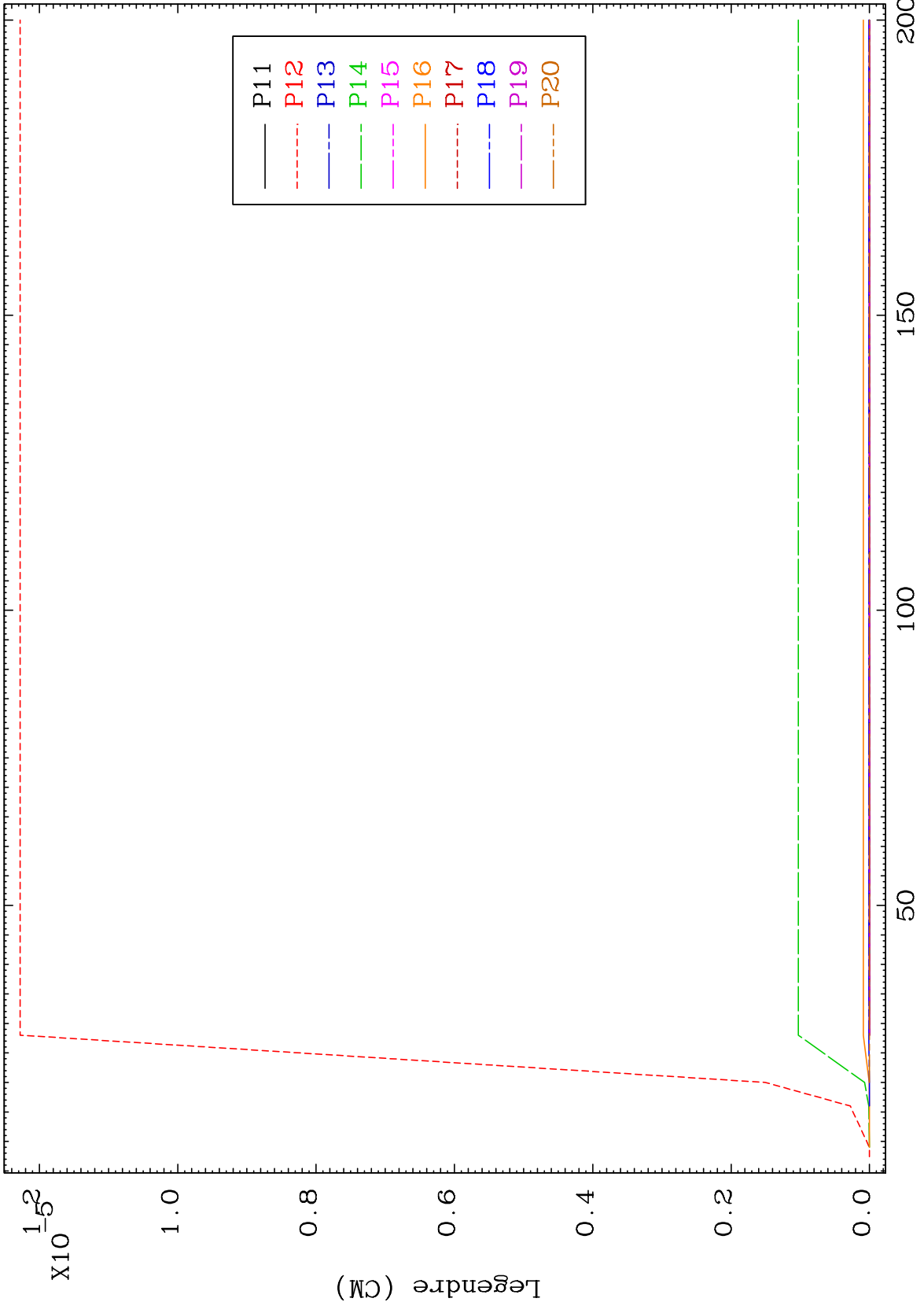
13-Al-24



13-Al-24

Incident Energy (MeV)

MAT 1316 MT= 61 (n,n') Level Legendre Coefficients 13-Al-24



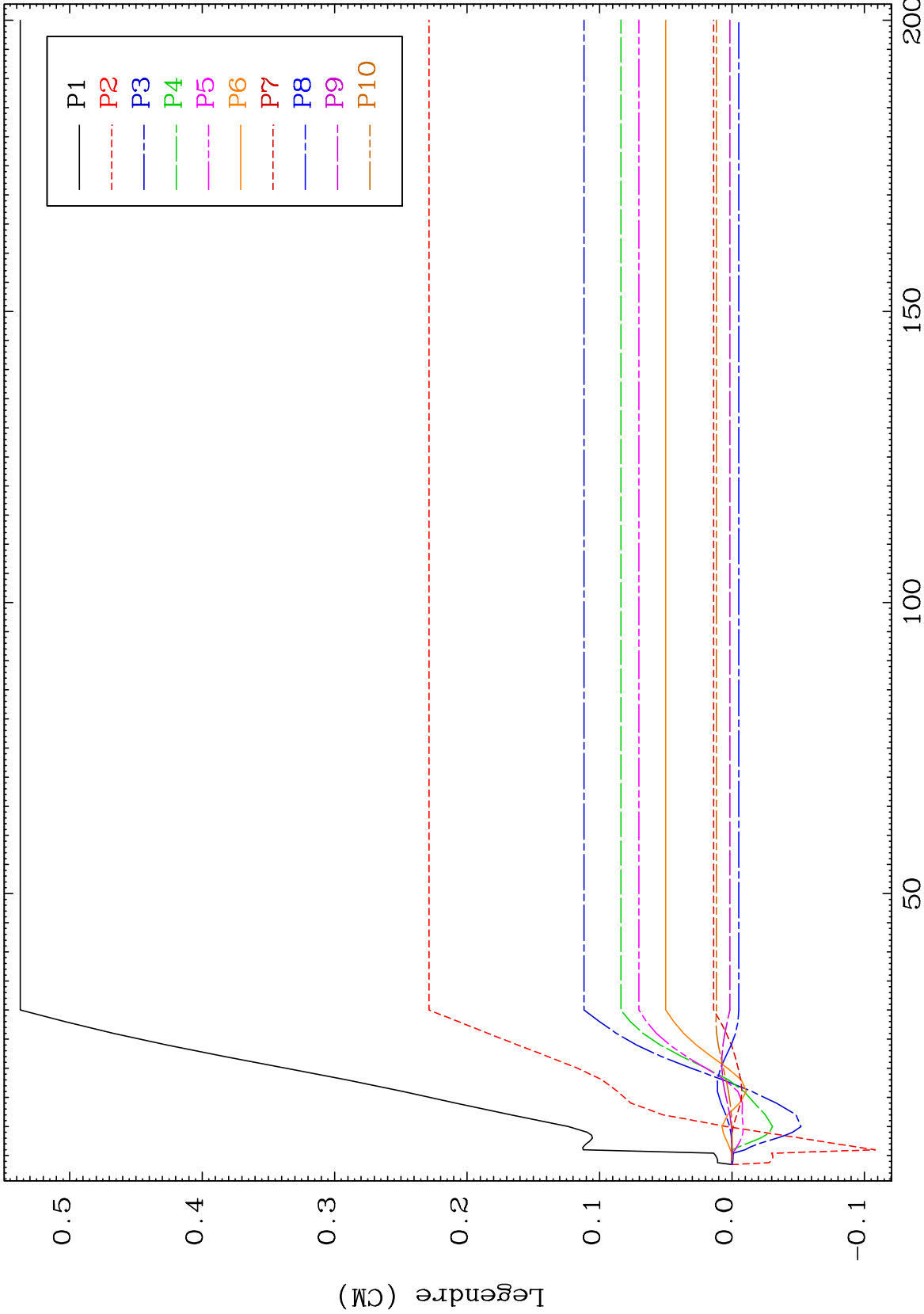
47 Incident Energy (MeV) 13-Al-24



MAT 1316

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

13-Al-24



48

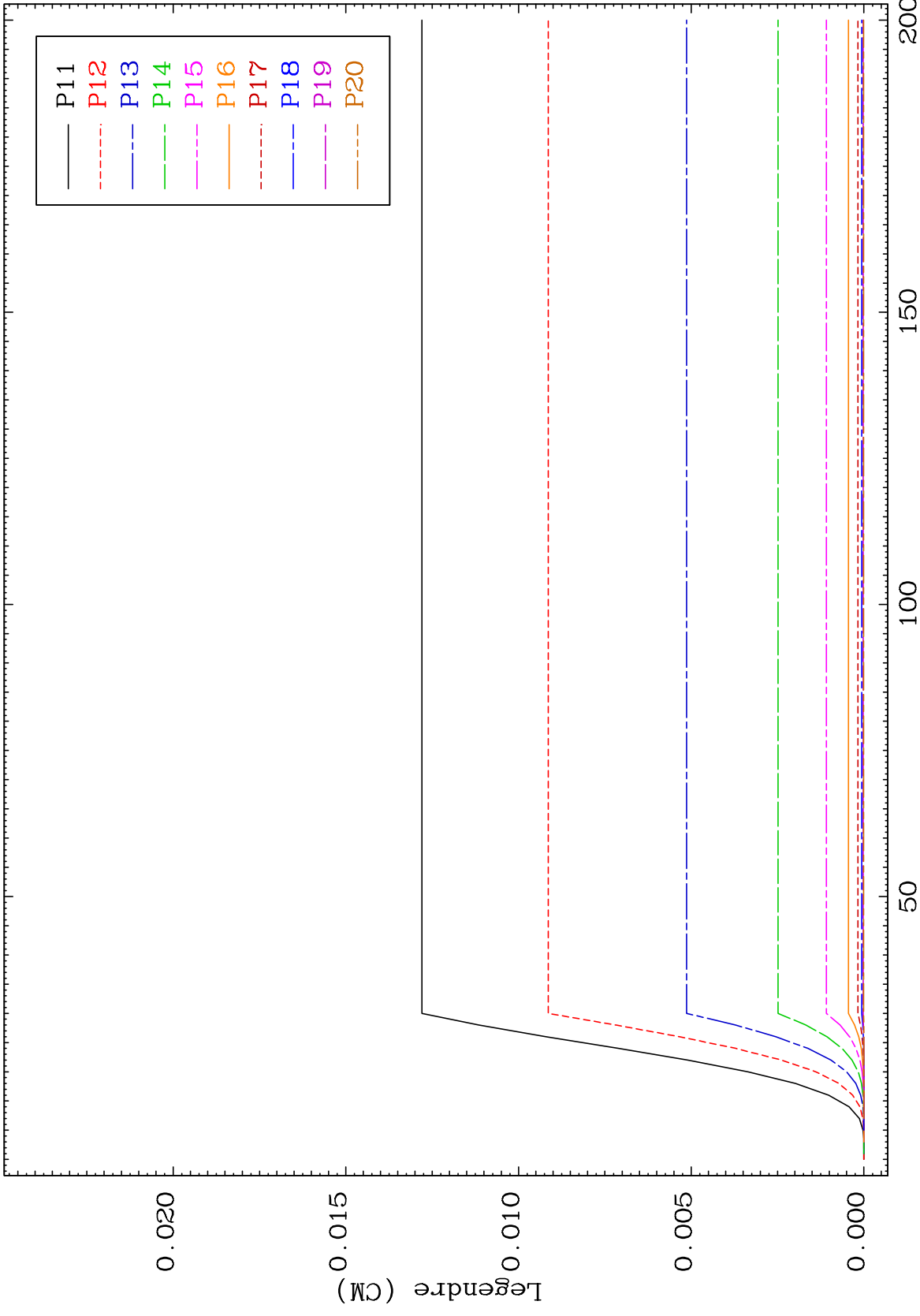
Incident Energy (MeV)

13-Al-24

MAT 1316

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

13-Al-24



49

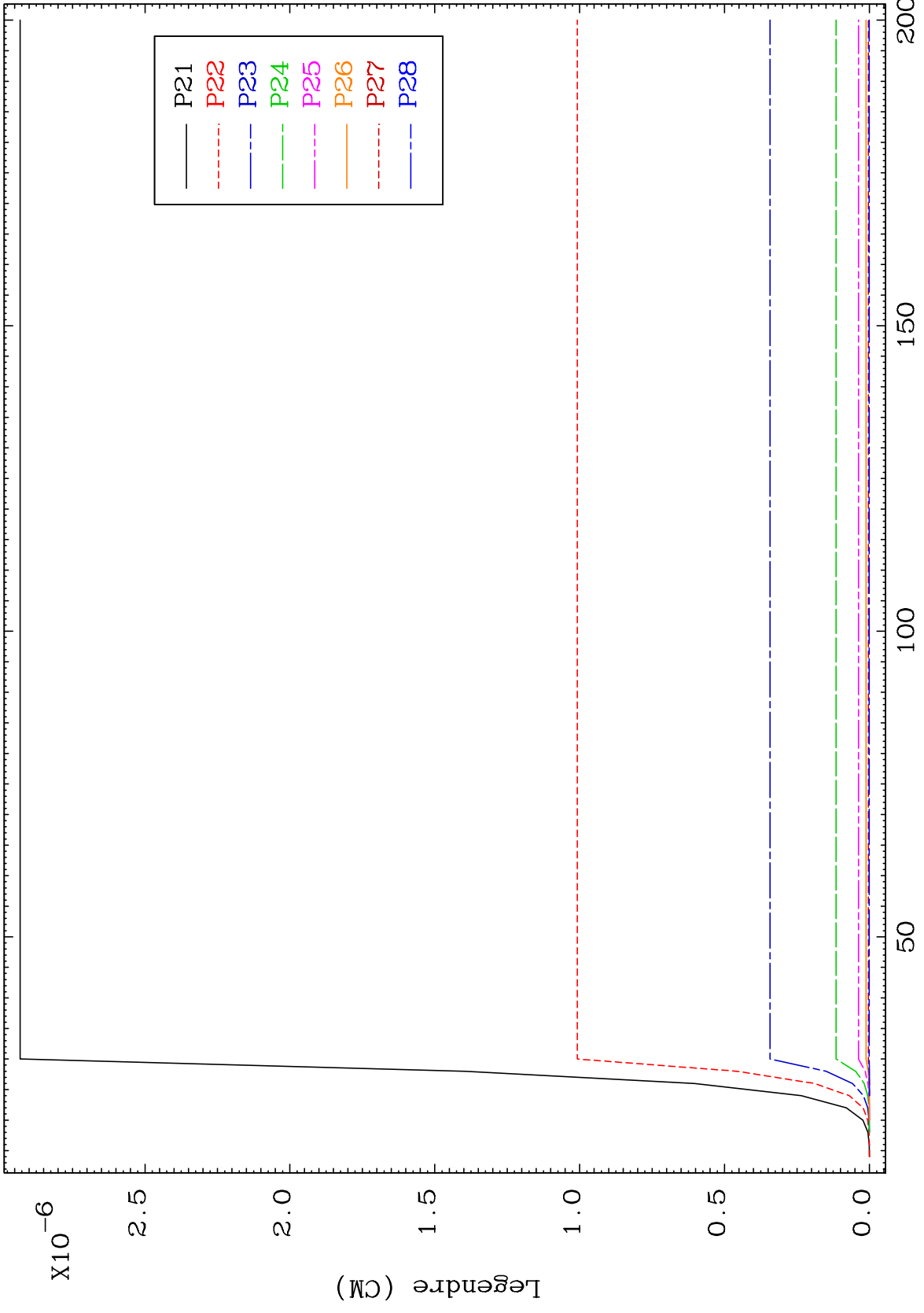
Incident Energy (MeV)

13-Al-24

MAT 1316

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

13-Al-24



50

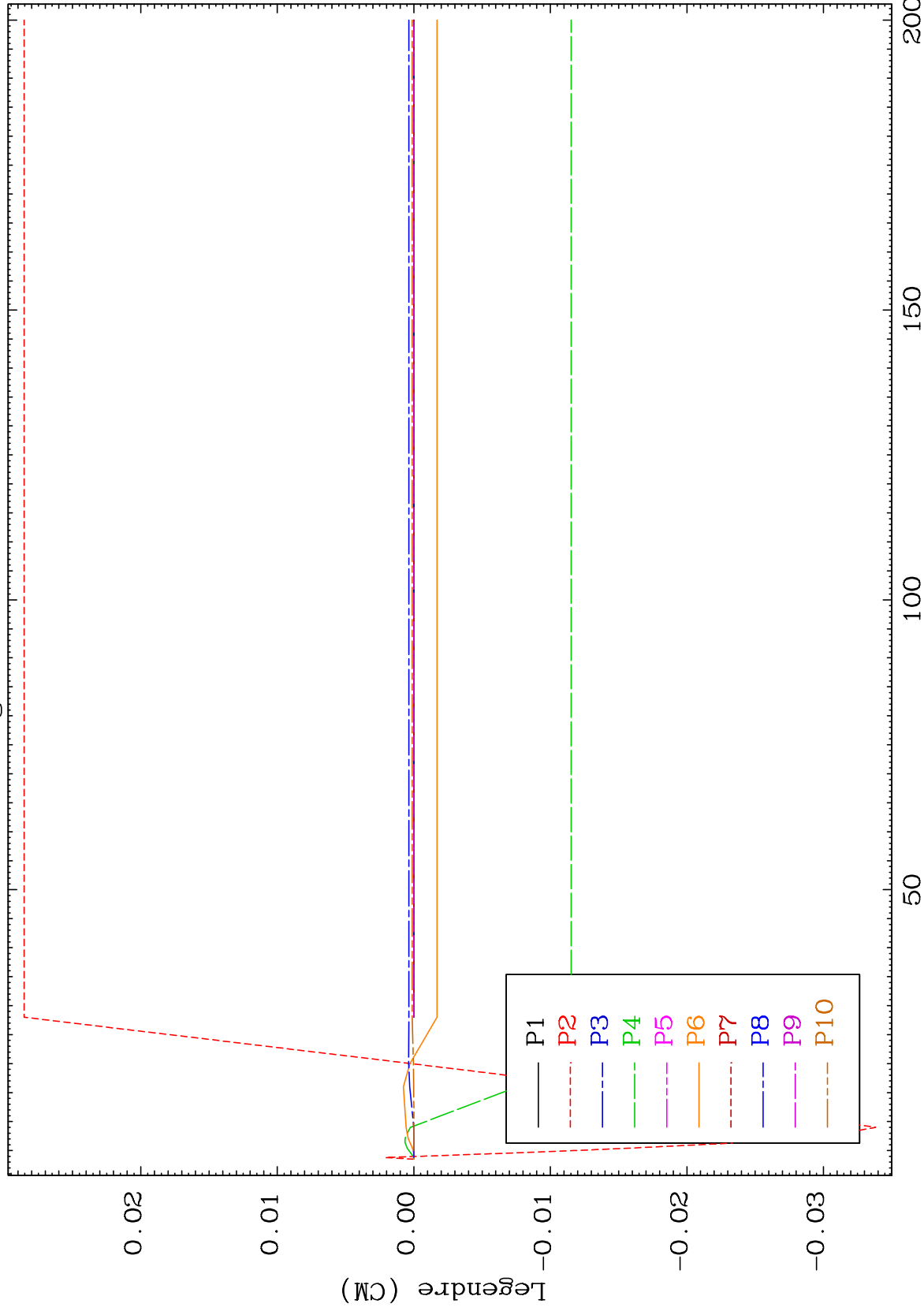
Incident Energy (MeV)

13-Al-24

MAT 1316

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

13-Al-24

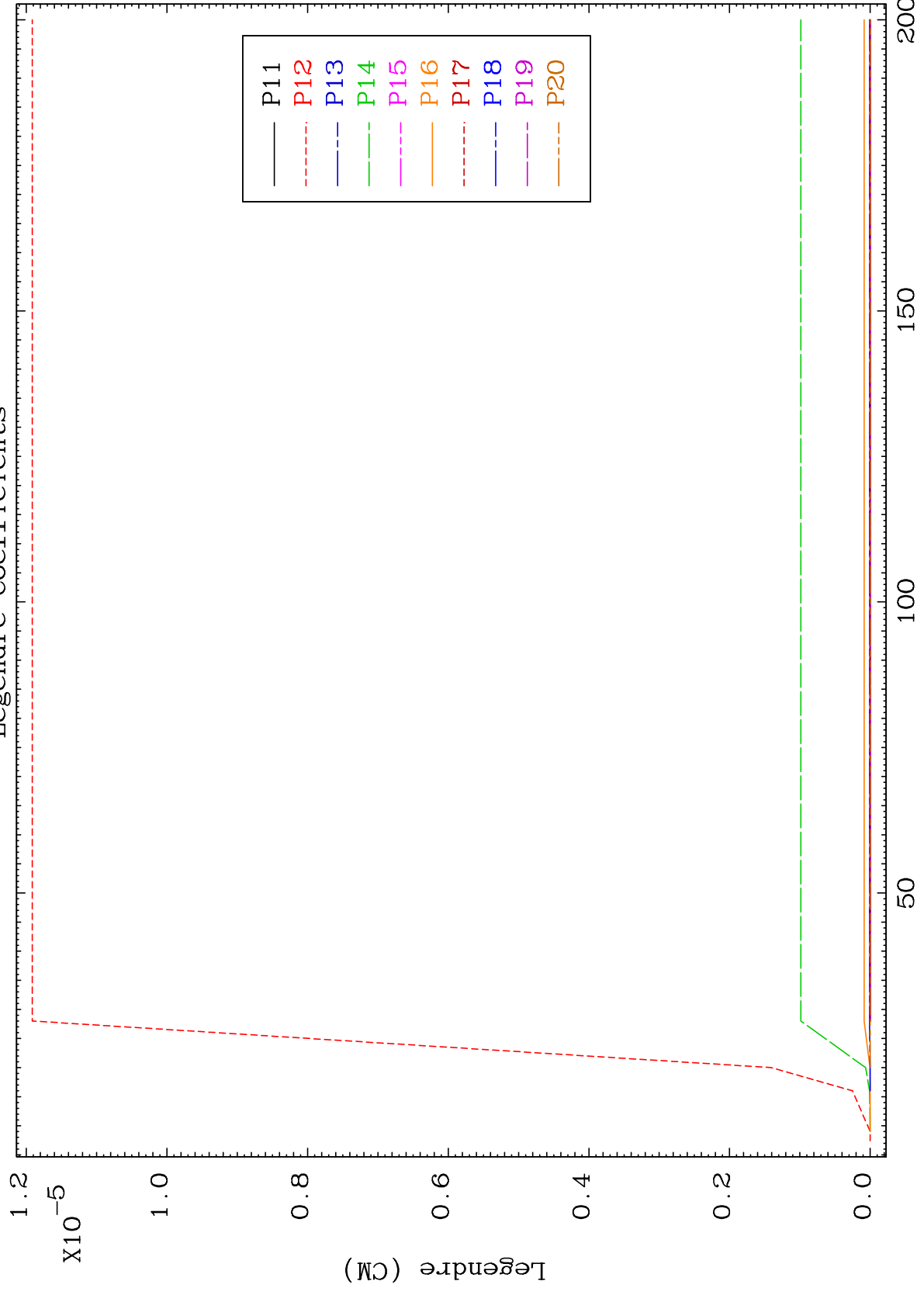


51

Incident Energy (MeV)

13-Al-24

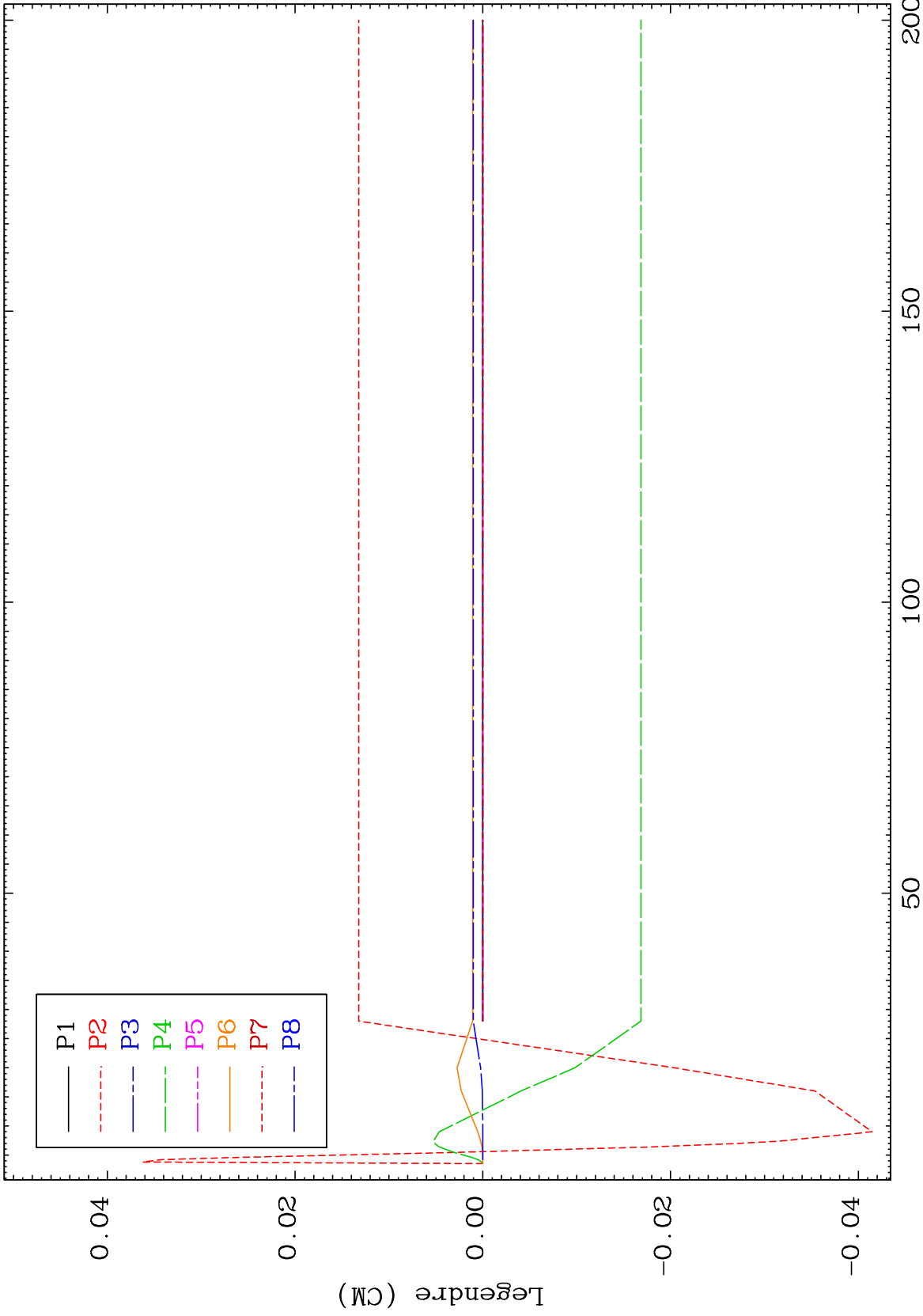
MAT 1316 MT= 63 (n,n') Level Legendre Coefficients 13-Al-24



MAT 1316

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

13-Al-24

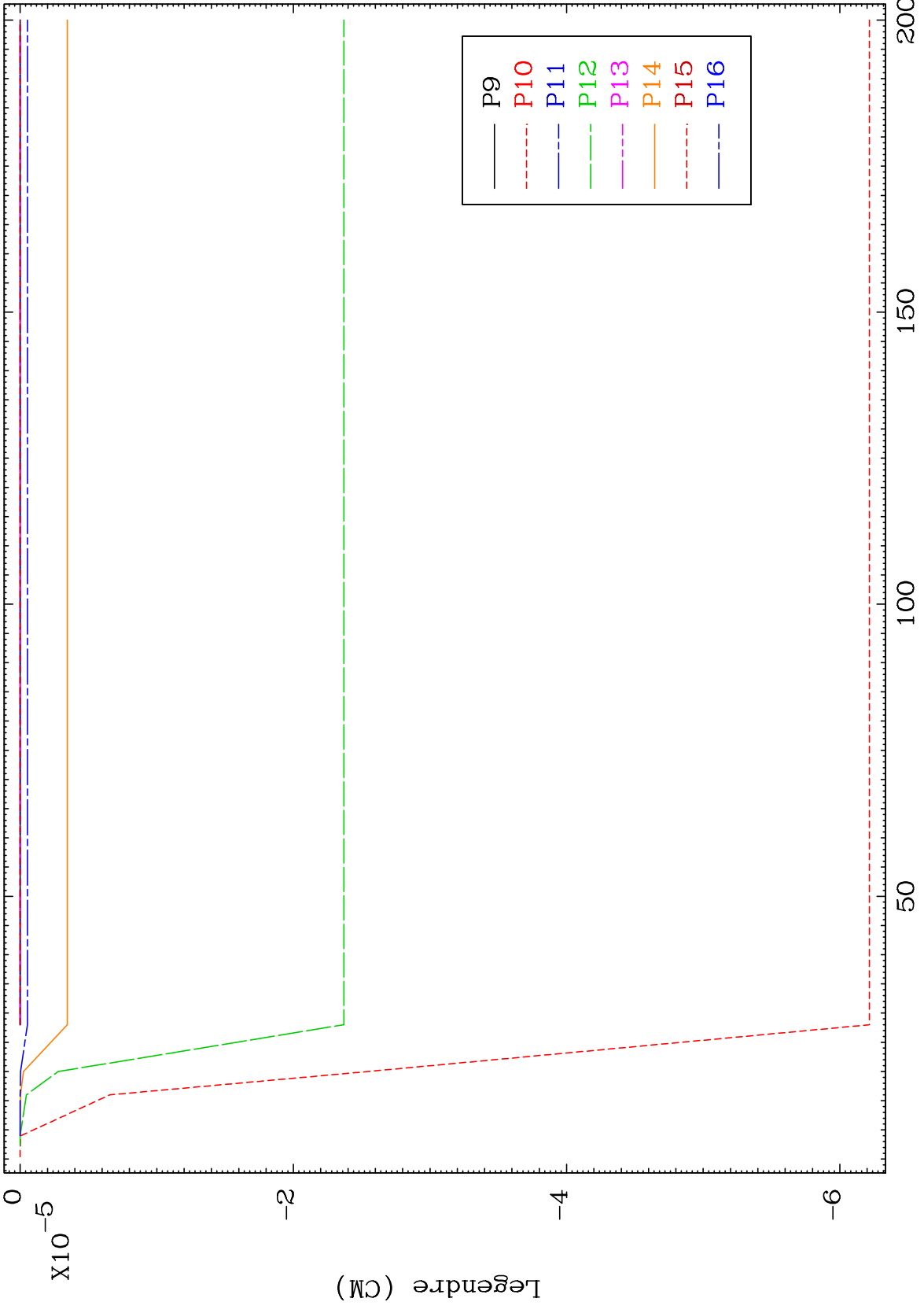


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Incident Energy (MeV)

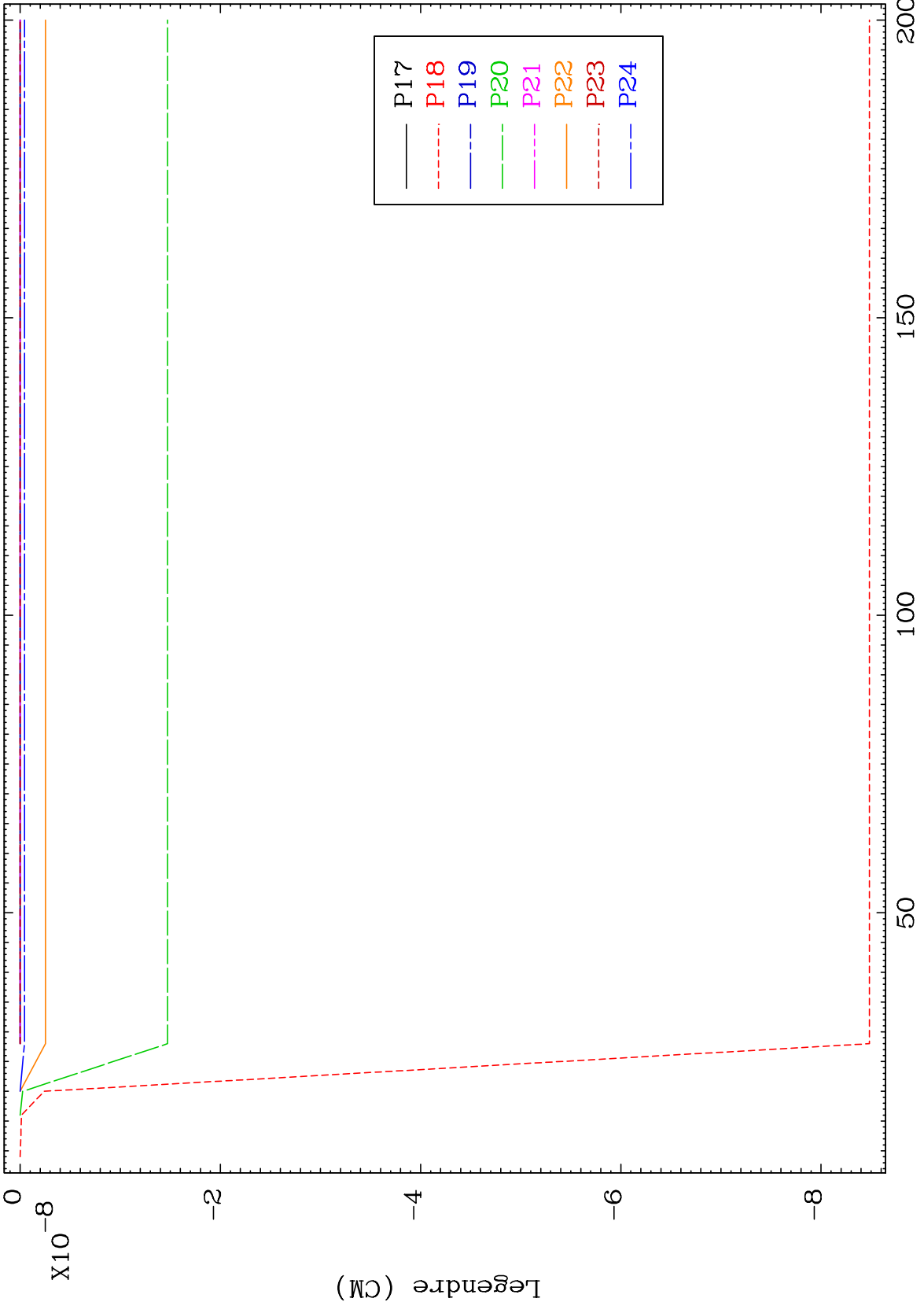
13-Al-24

MAT 1316 MT= 64 (n,n') Level Legendre Coefficients 13-A1-24



54 Incident Energy (MeV) 13-A1-24

MAT 1316 MT= 64 (n,n') Level Legendre Coefficients 13-Al-24



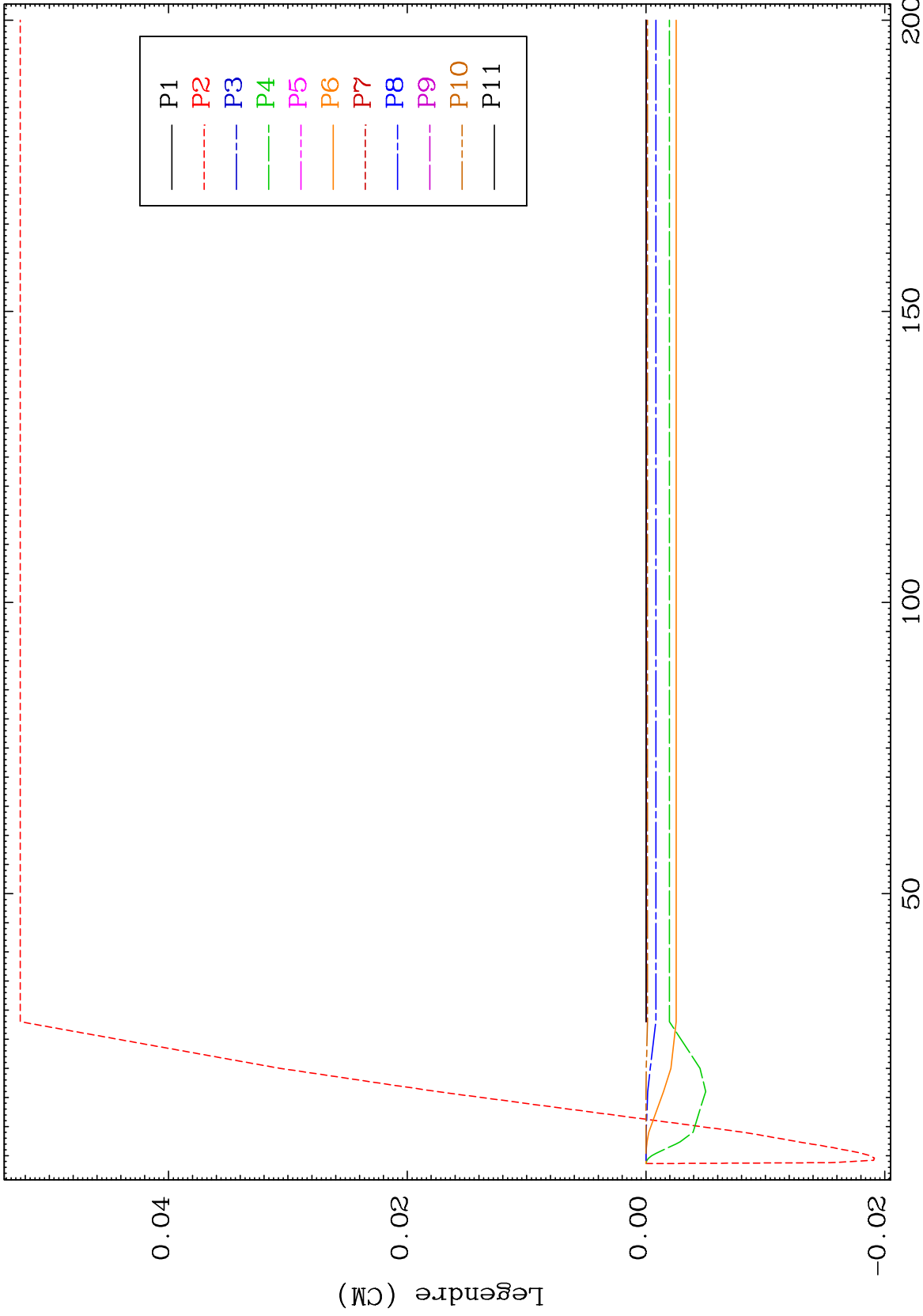
55 100 150 200 13-Al-24



MAT 1316

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

13-Al-24

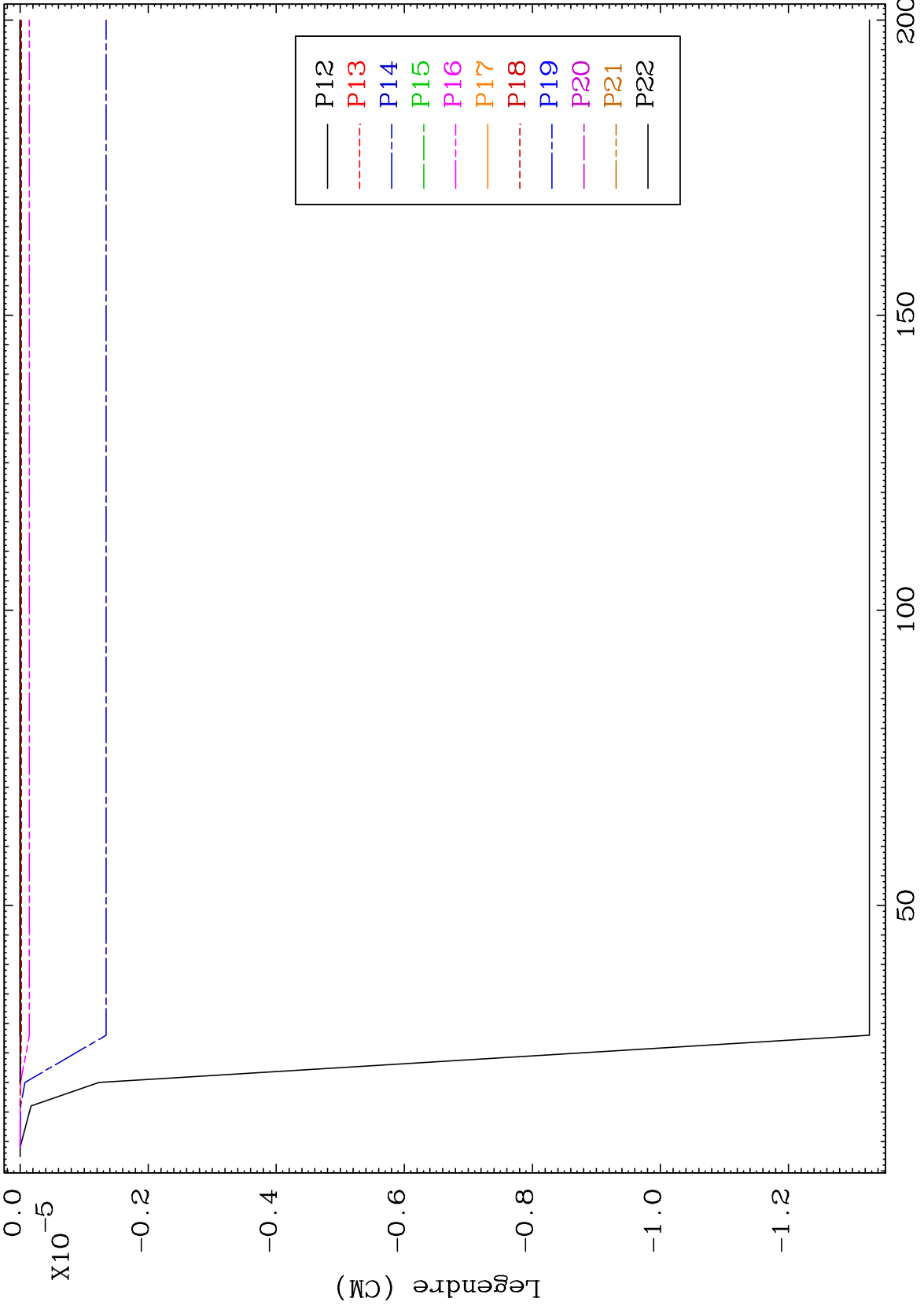


56

Incident Energy (MeV)

13-Al-24

MAT 1316 MT= 65 (n,n') Level Legendre Coefficients 13-Al-24

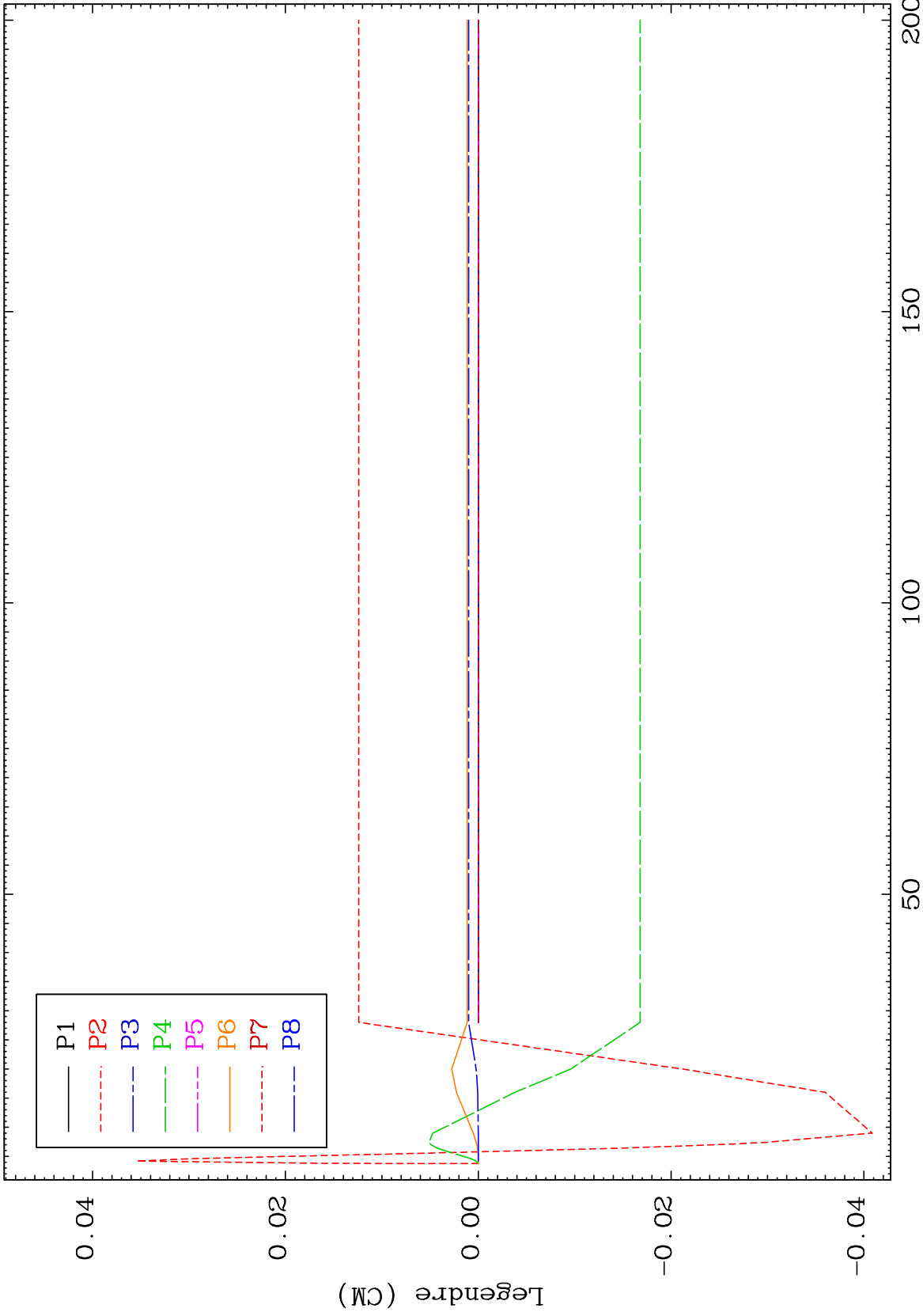


57 13-Al-24

MAT 1316

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

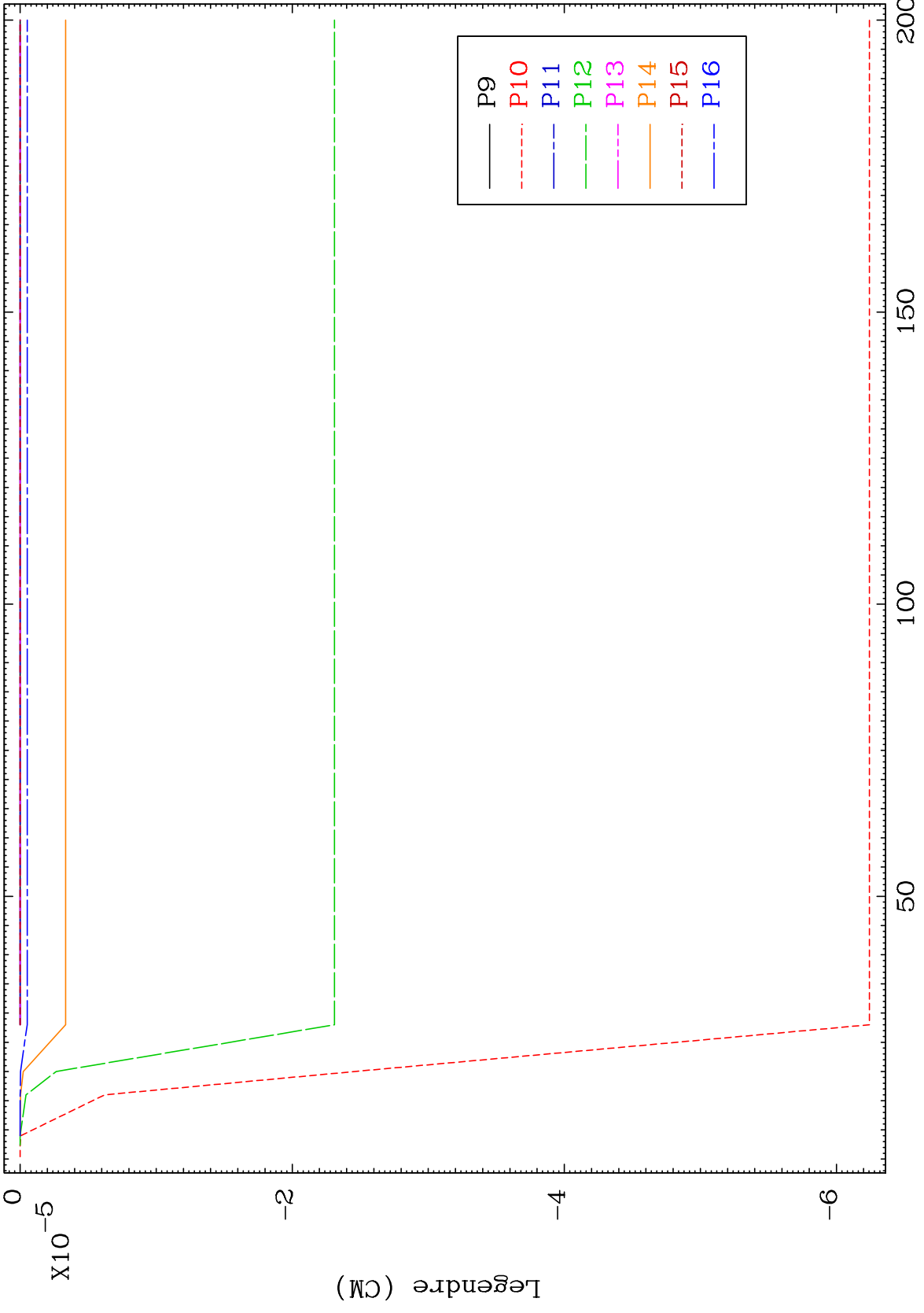
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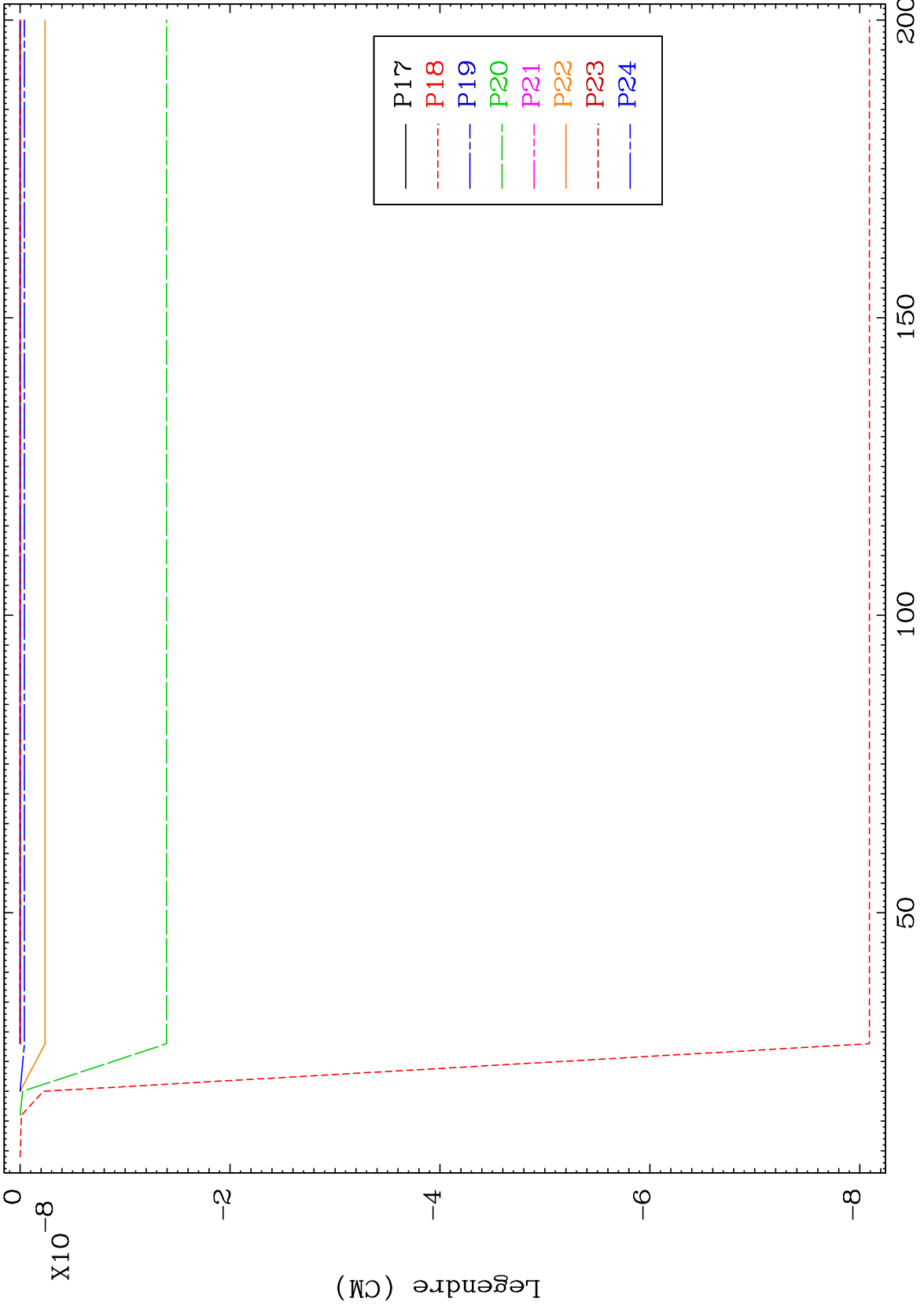
58

Incident Energy (MeV)

13-Al-24



MAT 1316 MT= 66 (n,n') Level Legendre Coefficients 13-Al-24

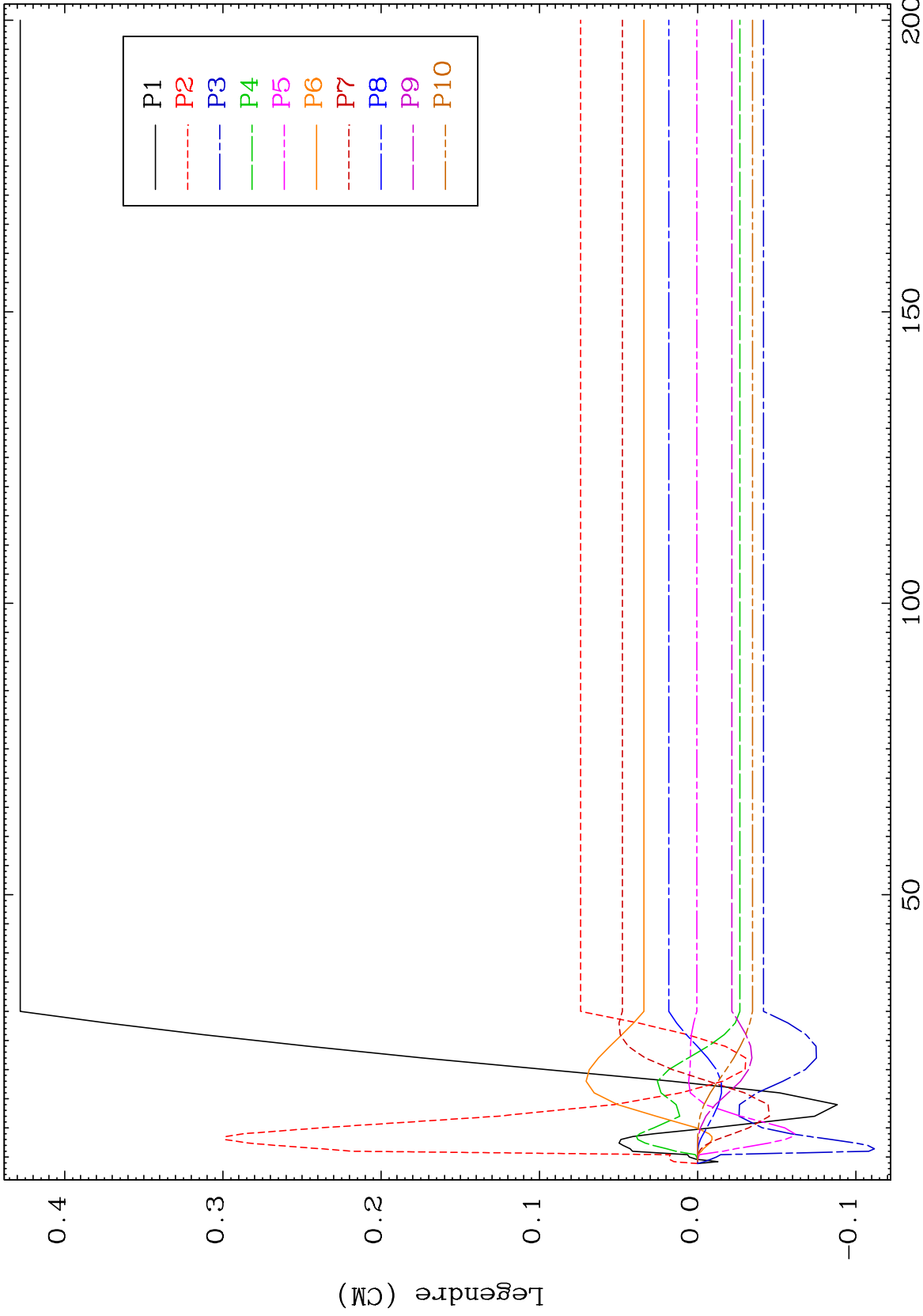


60 Incident Energy (MeV) 13-Al-24

MAT 1316

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

13-Al-24



61

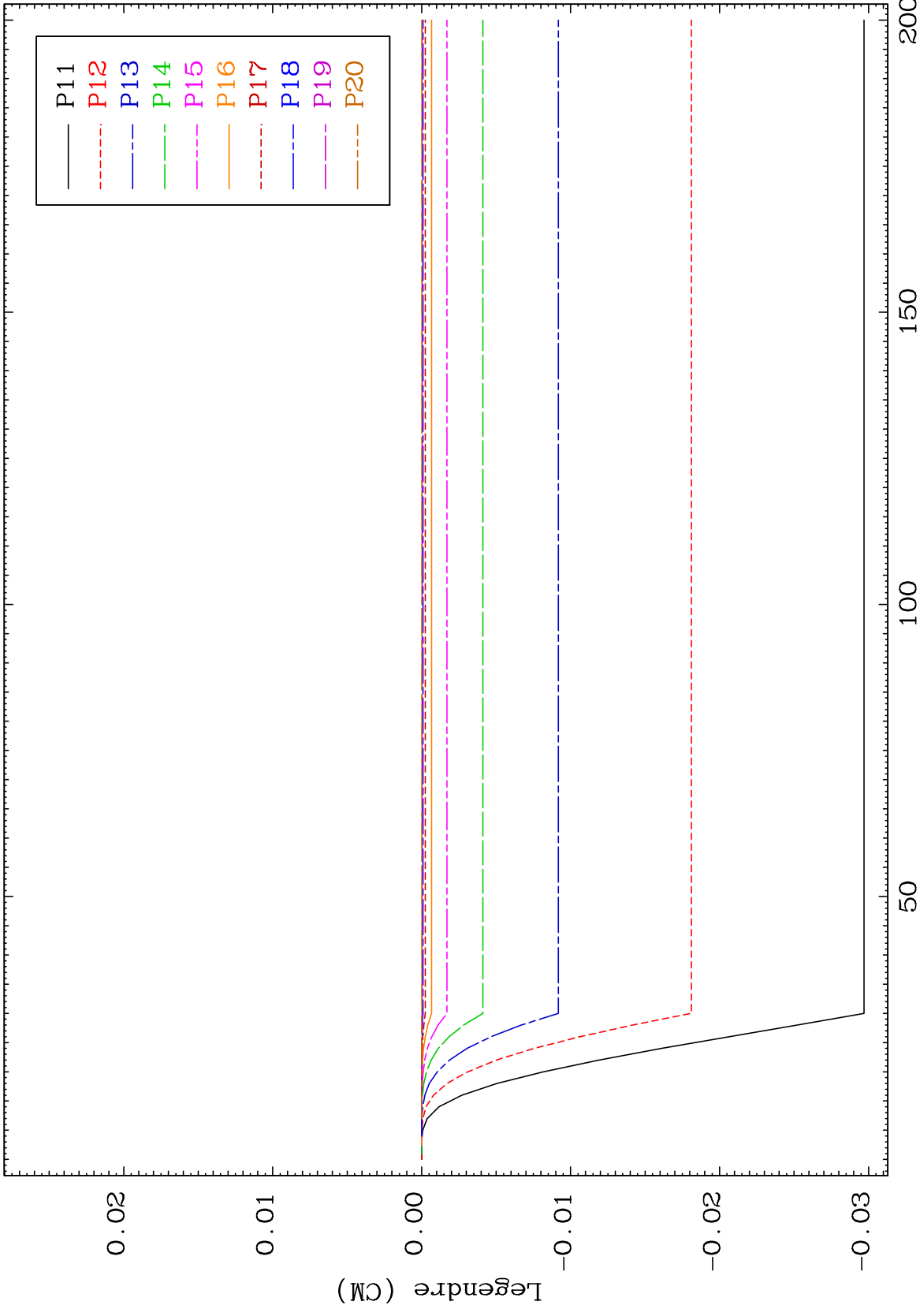
Incident Energy (MeV)

13-Al-24

MAT 1316

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

13-Al-24



62

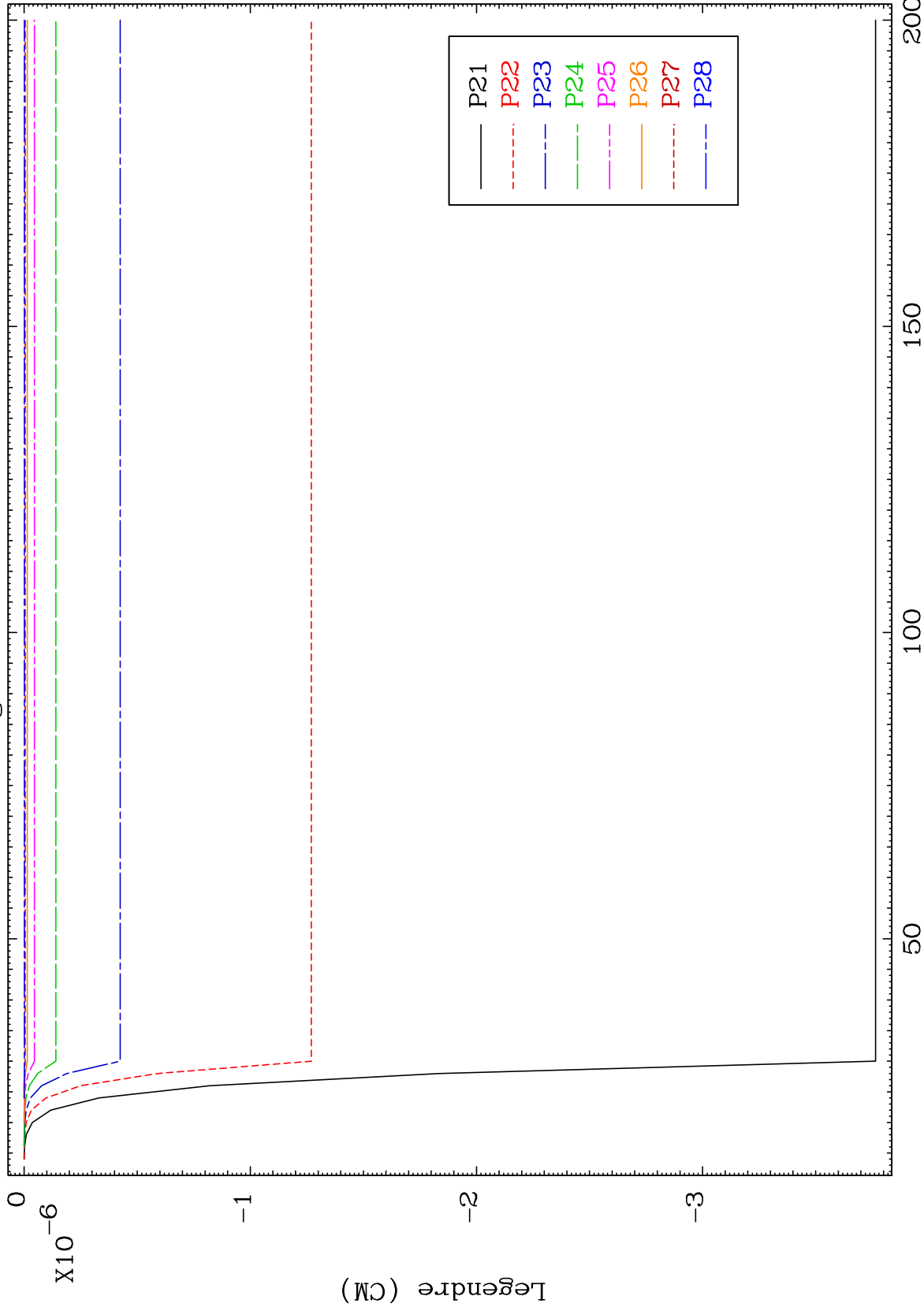
Incident Energy (MeV)

13-Al-24

MAT 1316

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

13-Al-24



63

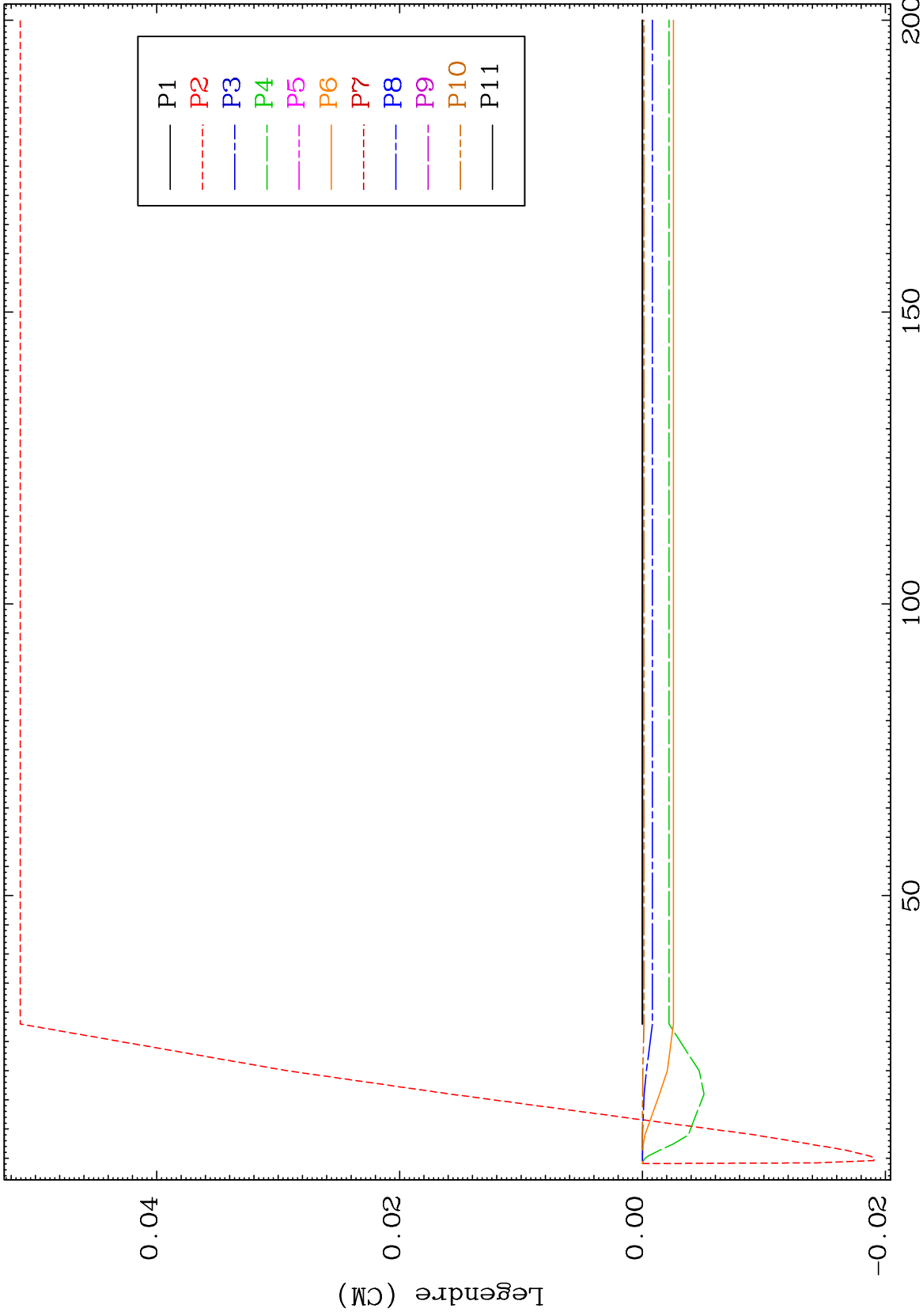
13-Al-24



MAT 1316

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

13-Al-24

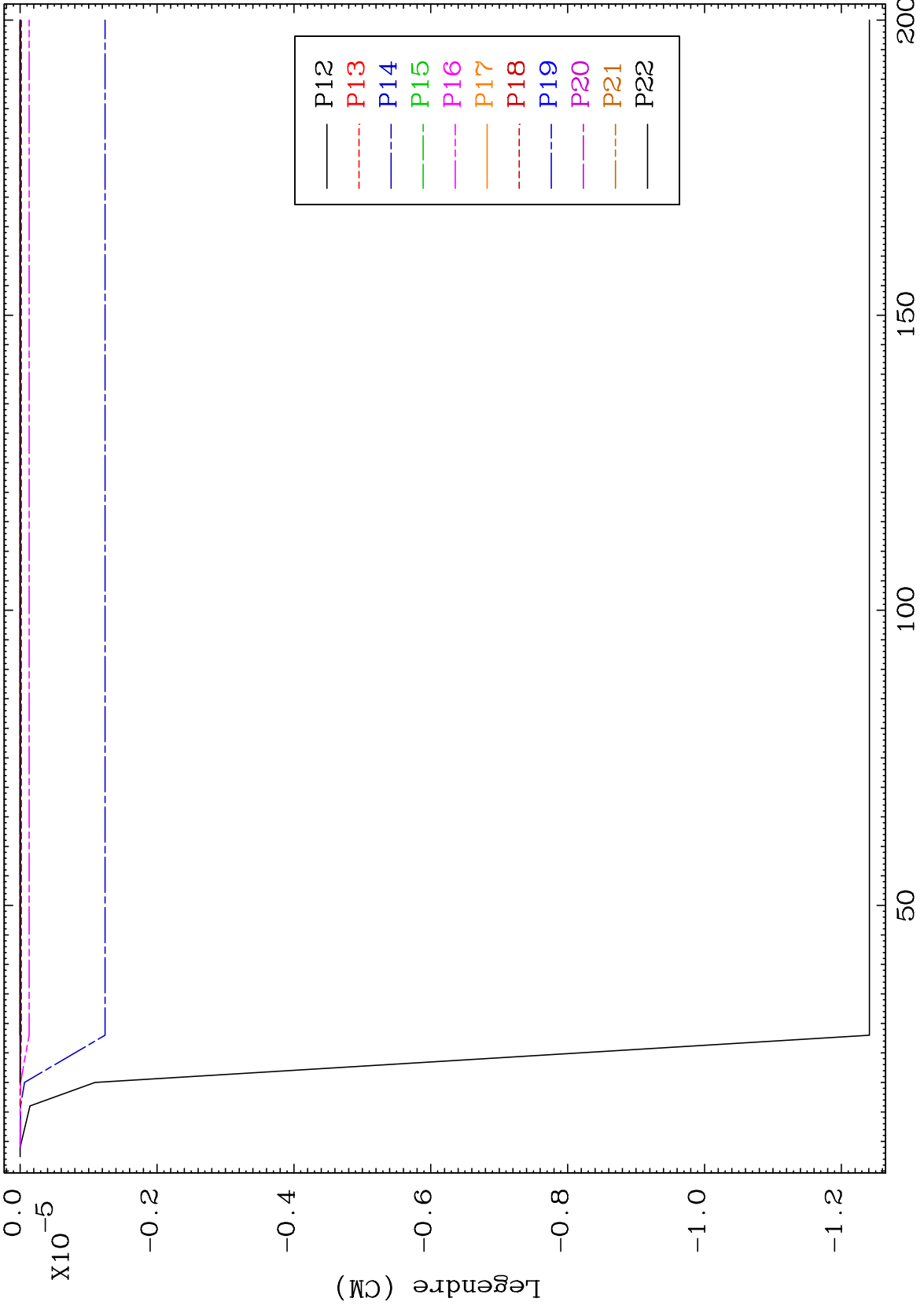


64

Incident Energy (MeV)

13-Al-24

MAT 1316 MT= 68 (n,n') Level Legendre Coefficients 13-Al-24

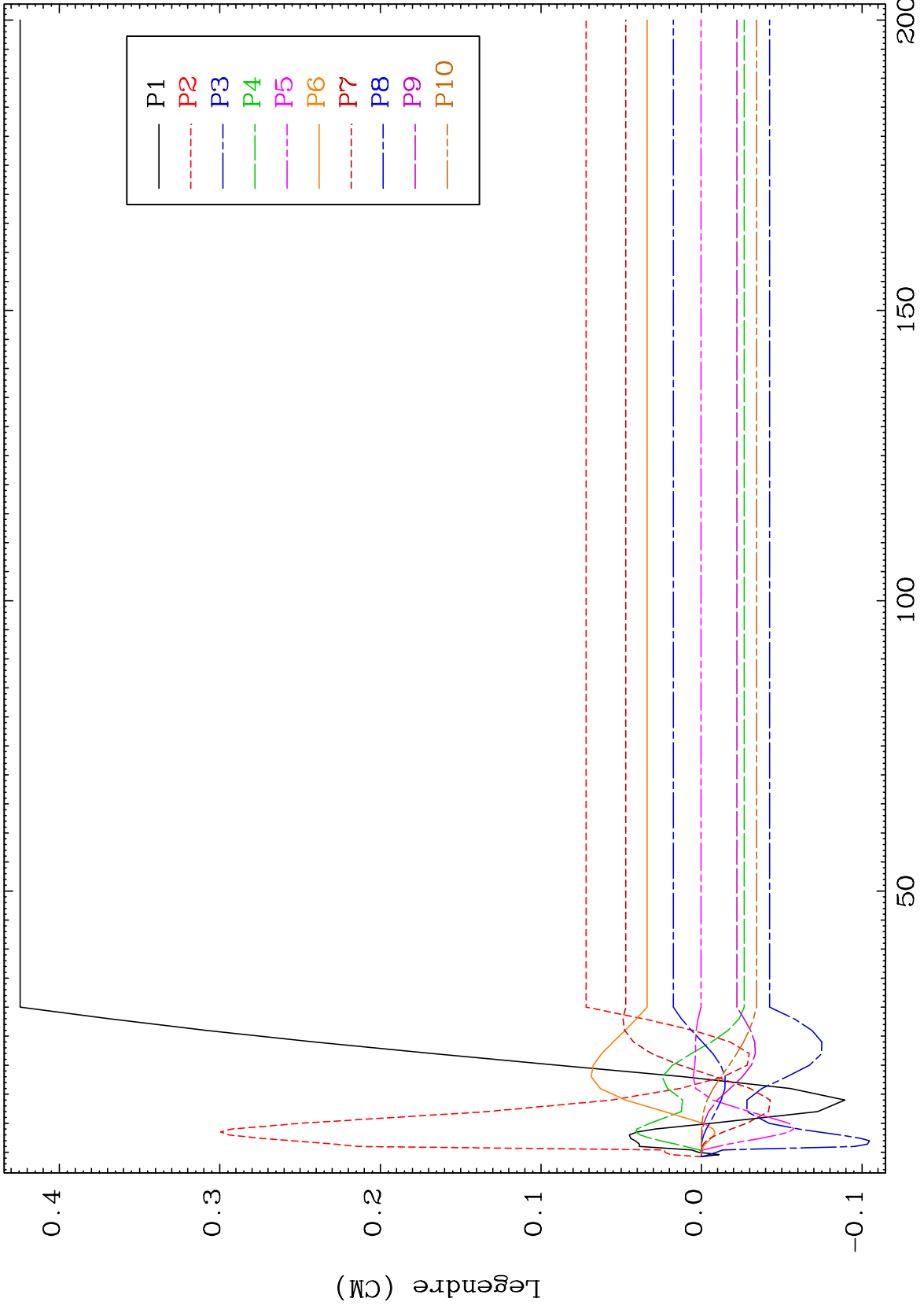


65 13-Al-24

MAT 1316

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

13-Al-24



66

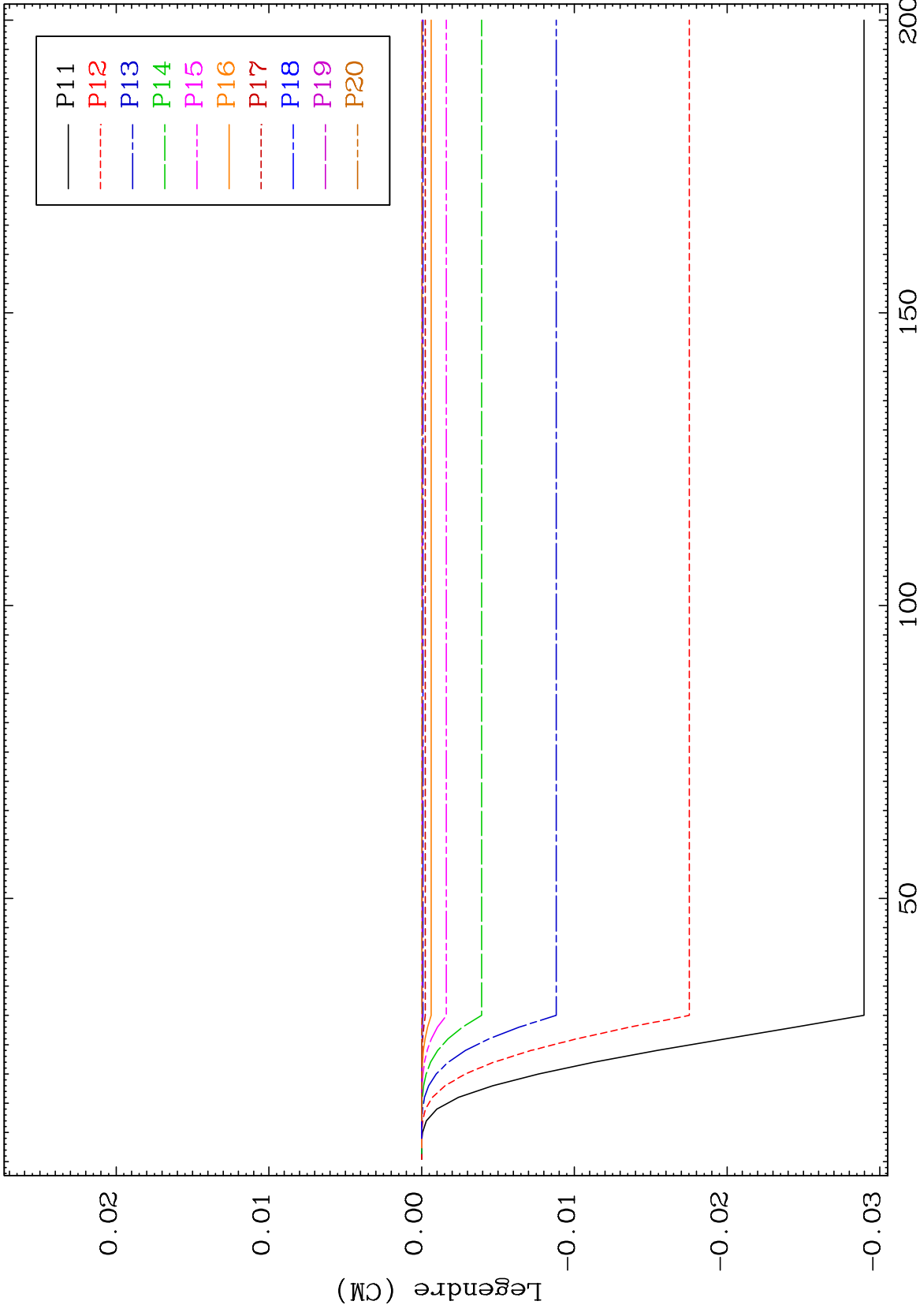
Incident Energy (MeV)

13-Al-24

MAT 1316

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

13-Al-24

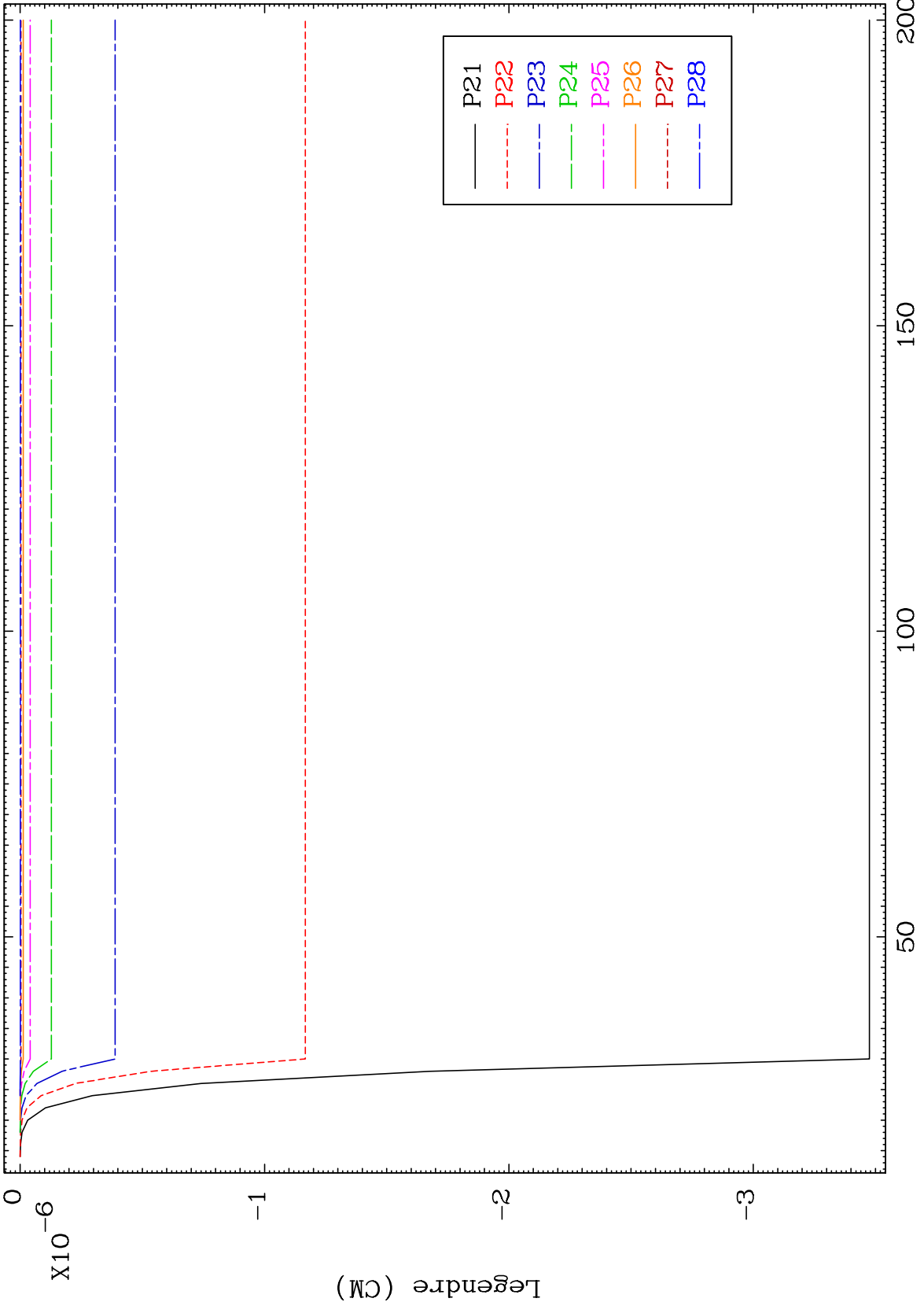


67

Incident Energy (MeV)

13-Al-24

MAT 1316 MT= 69 (n,n') Level Legendre Coefficients 13-Al-24

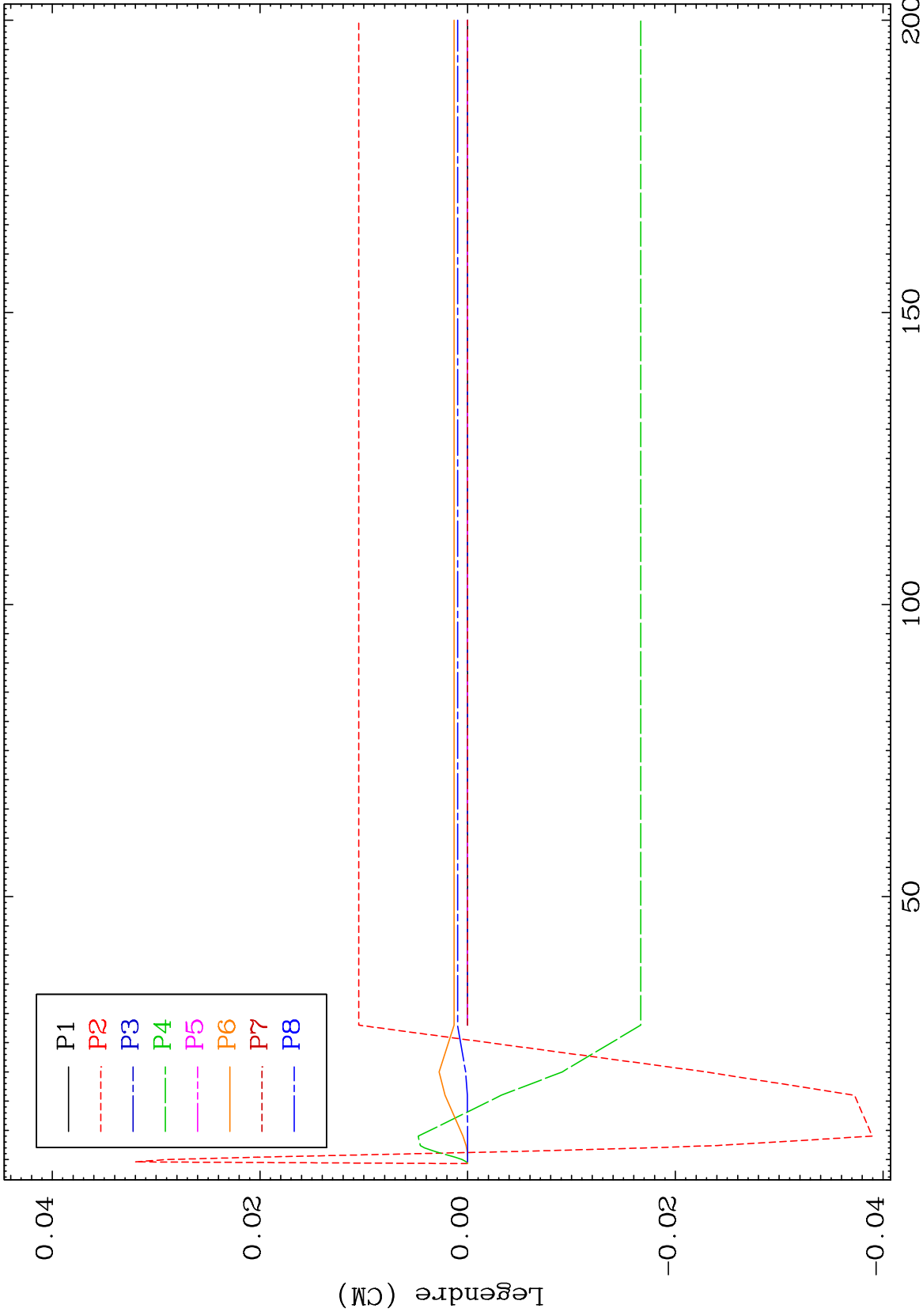


68 13-Al-24

MAT 1316

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

13-A1-24

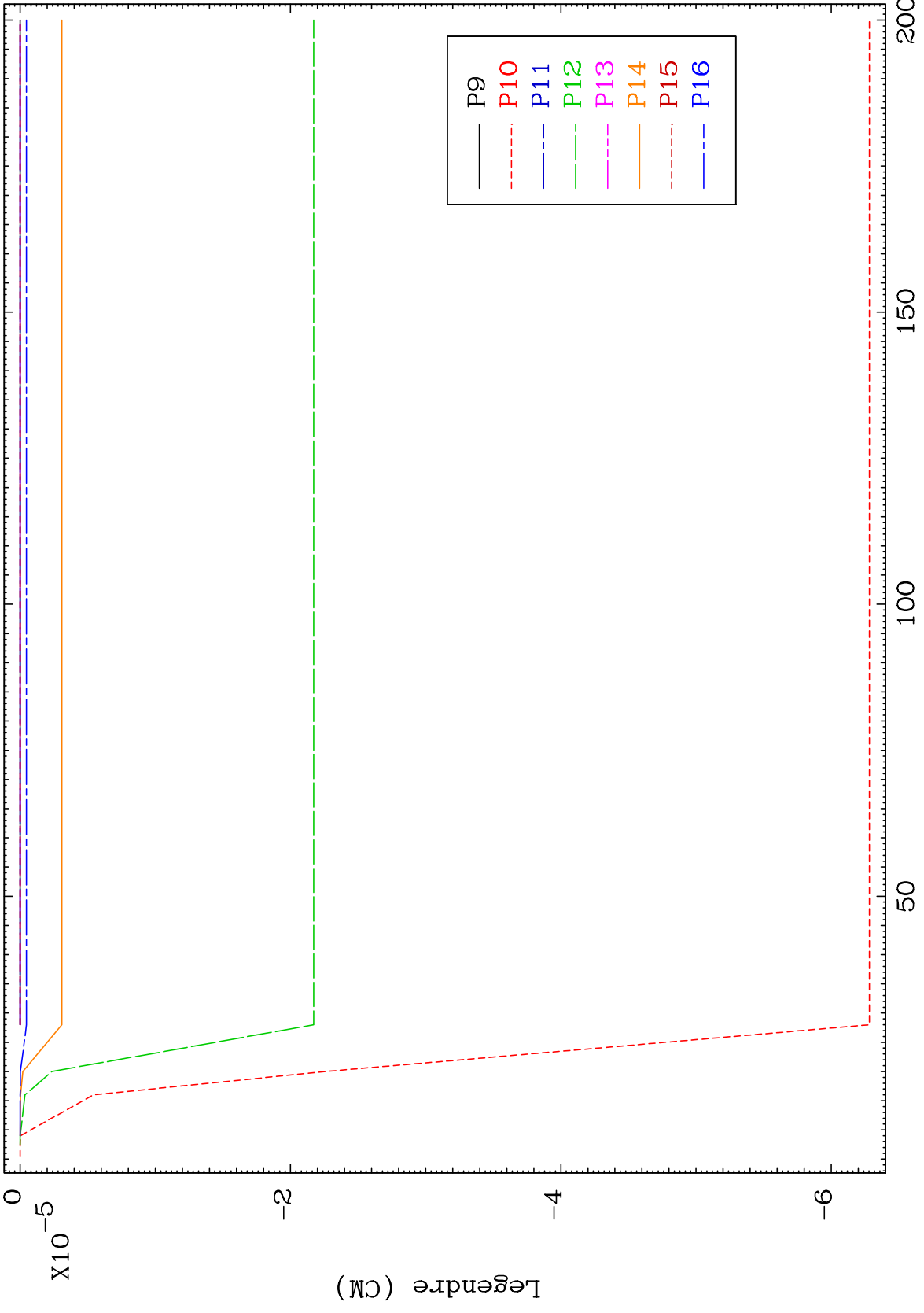


69

Incident Energy (MeV)

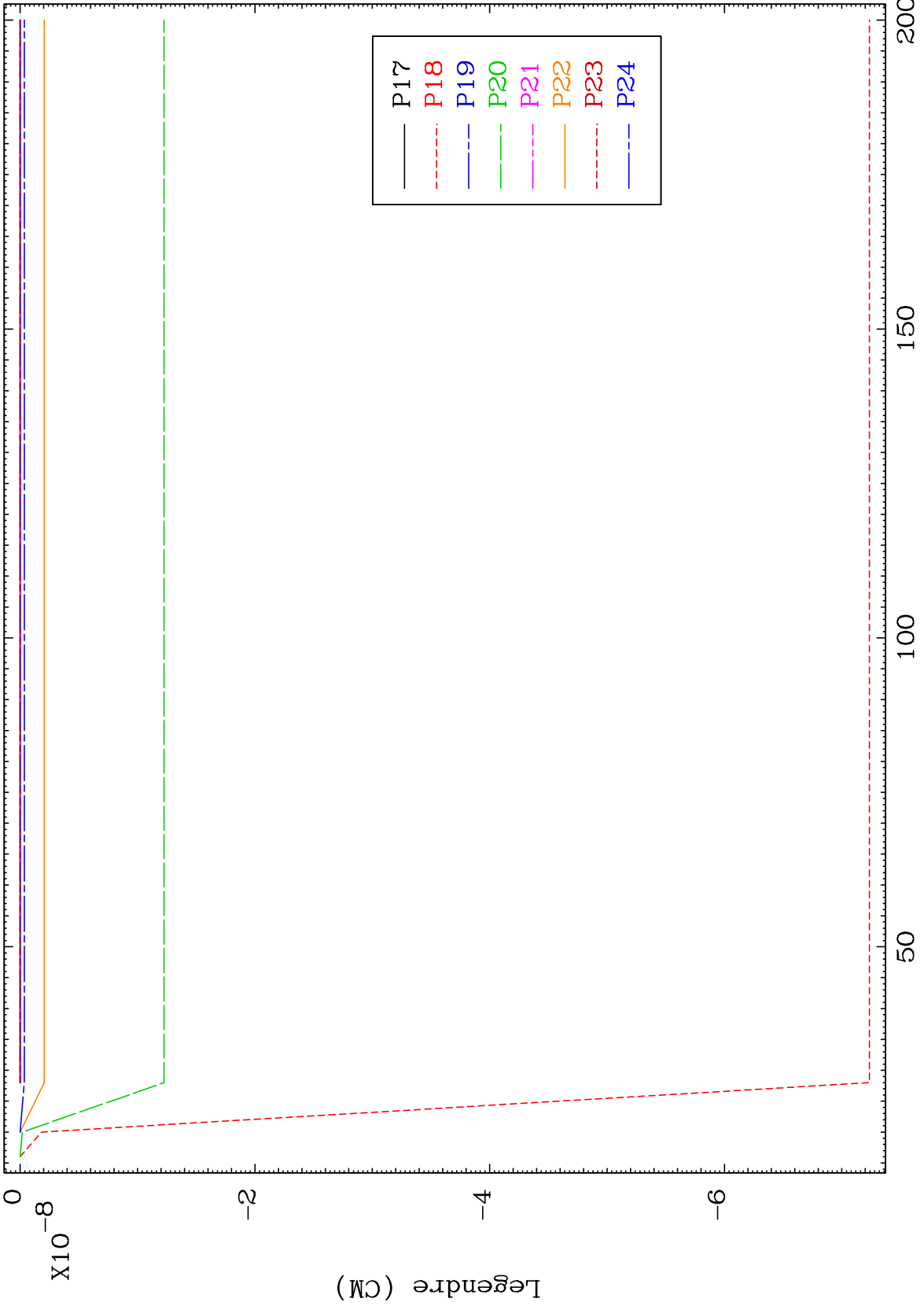
13-A1-24

MAT 1316 MT= 70 (n,n') Level Legendre Coefficients 13-Al-24



70 Incident Energy (MeV) 13-Al-24

MAT 1316 MT= 70 (n,n') Level Legendre Coefficients 13-Al-24



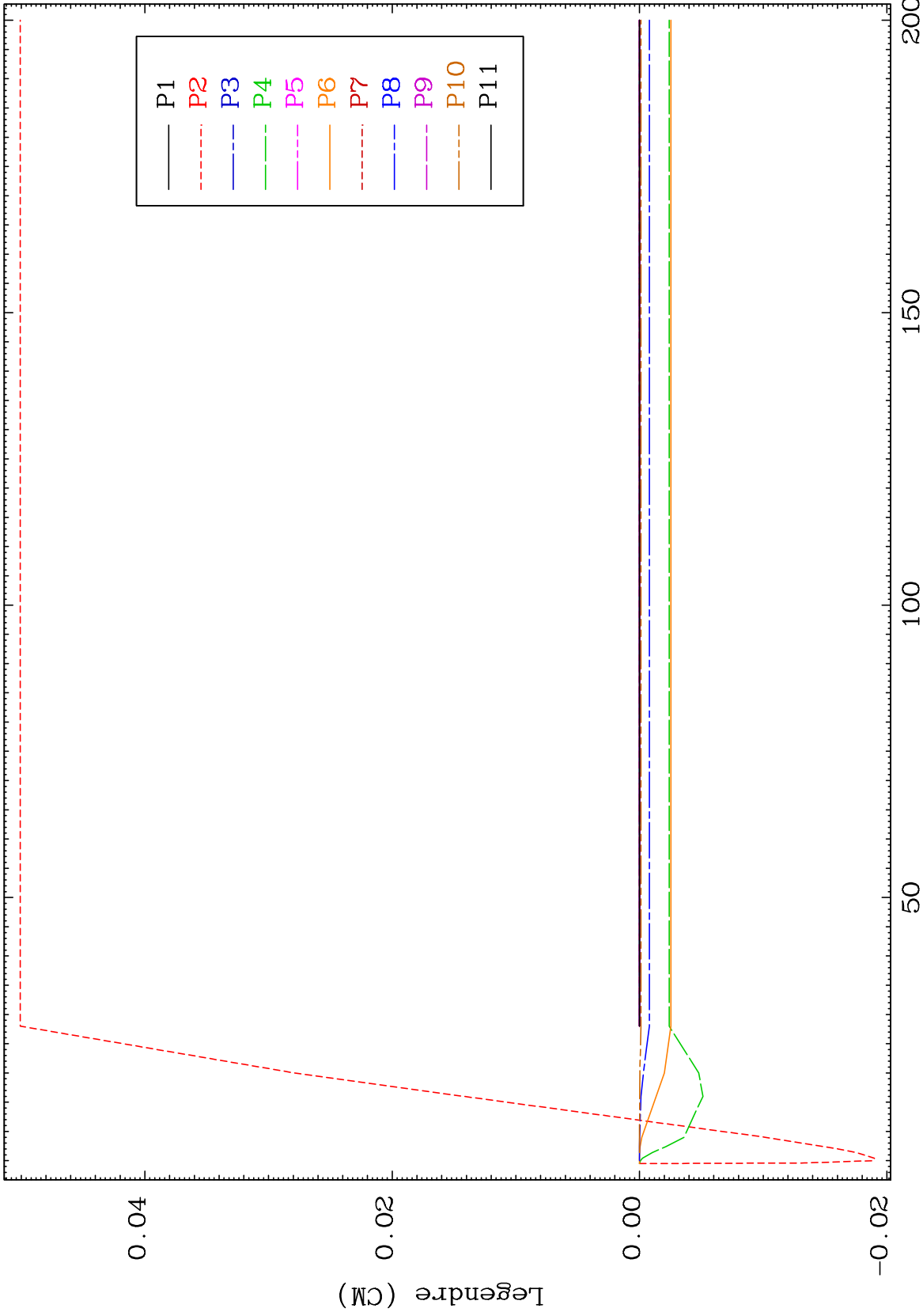
71 13-Al-24



MAT 1316

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

13-Al-24

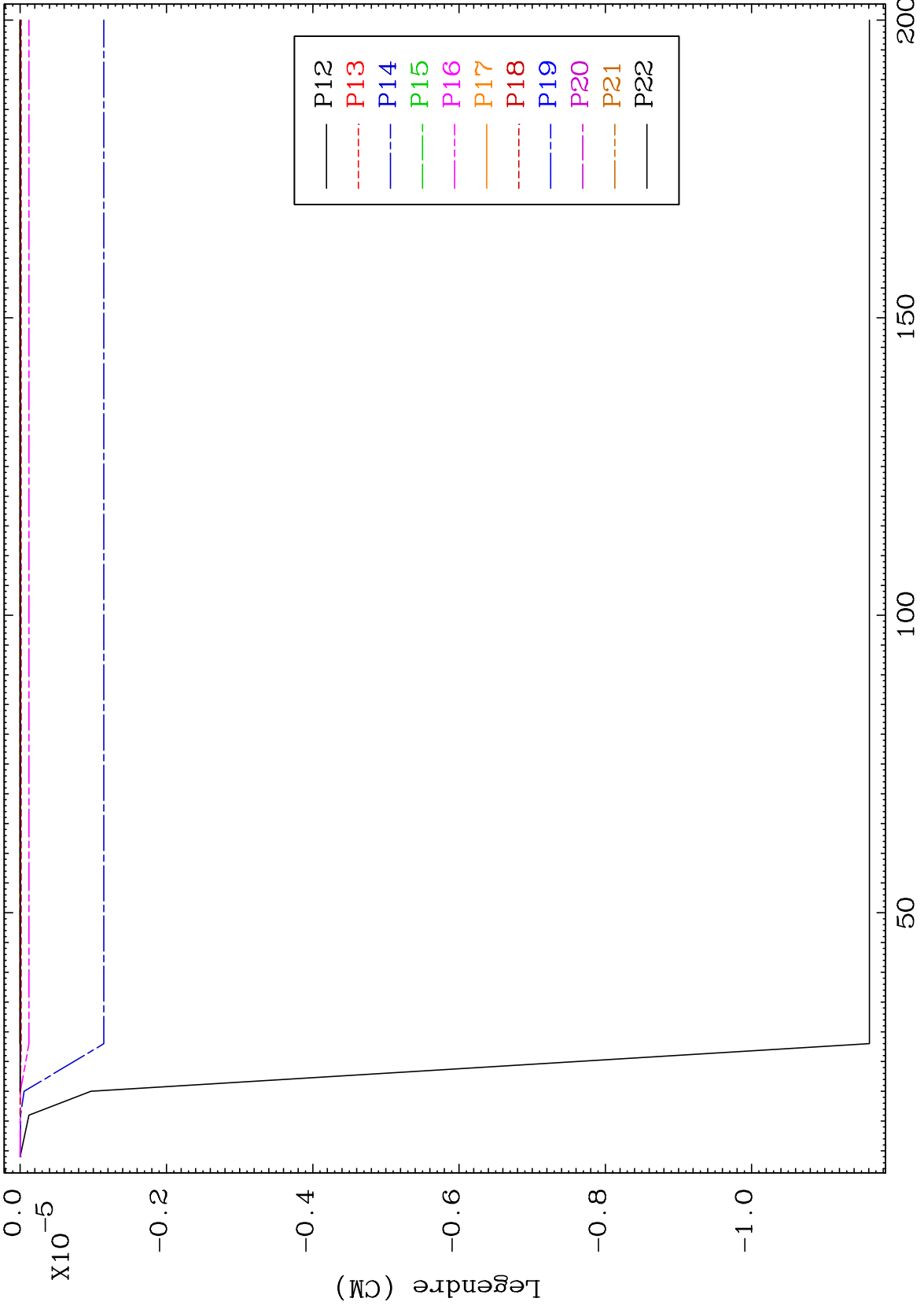


72

Incident Energy (MeV)

13-Al-24

MAT 1316 MT= 71 (n,n') Level Legendre Coefficients 13-Al-24

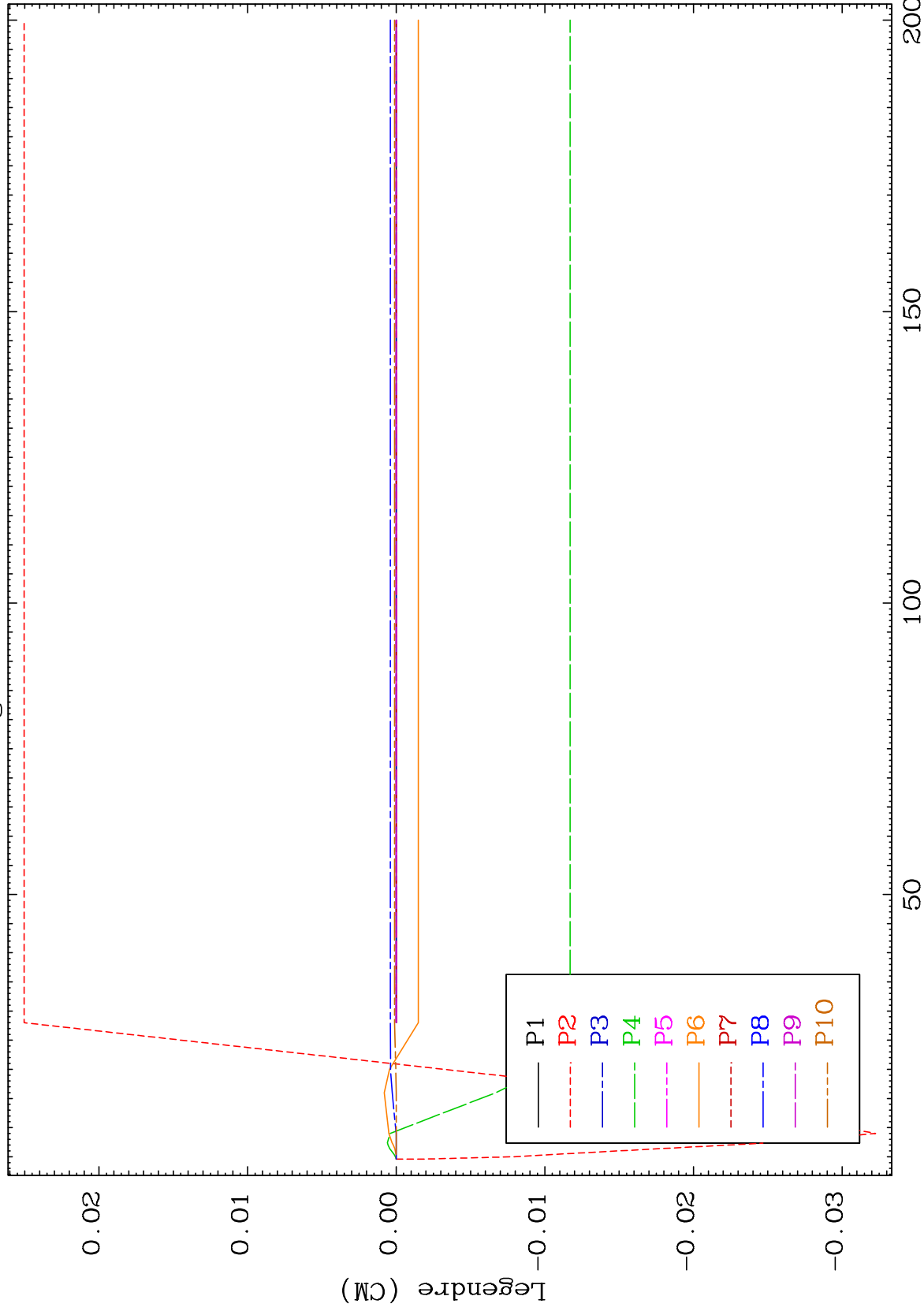


73 13-Al-24

MAT 1316

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

13-Al-24

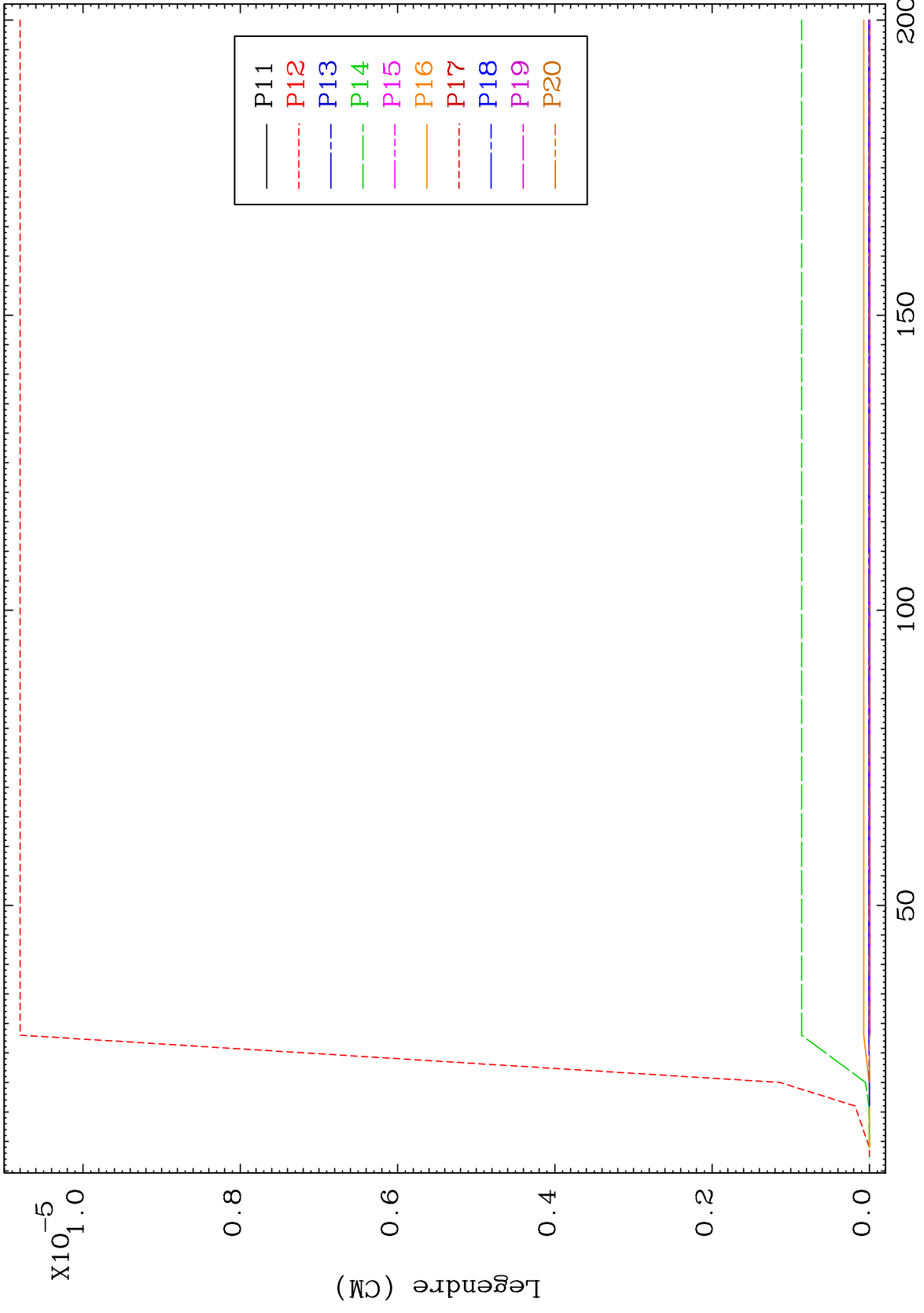


74

Incident Energy (MeV)

13-Al-24

MAT 1316 MT= 72 (n,n') Level Legendre Coefficients 13-Al-24

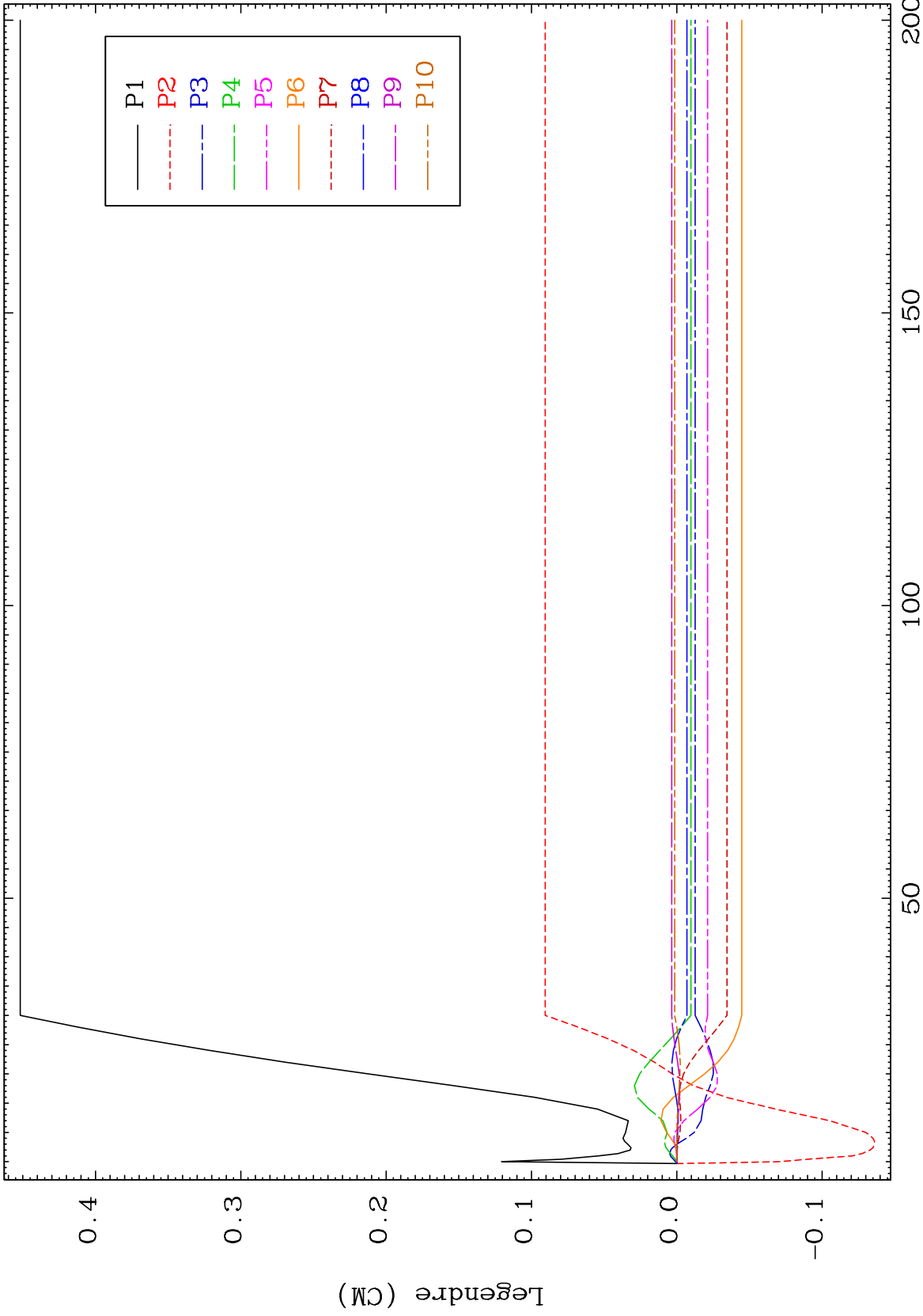


75 13-Al-24

MAT 1316

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

13-Al-24



76

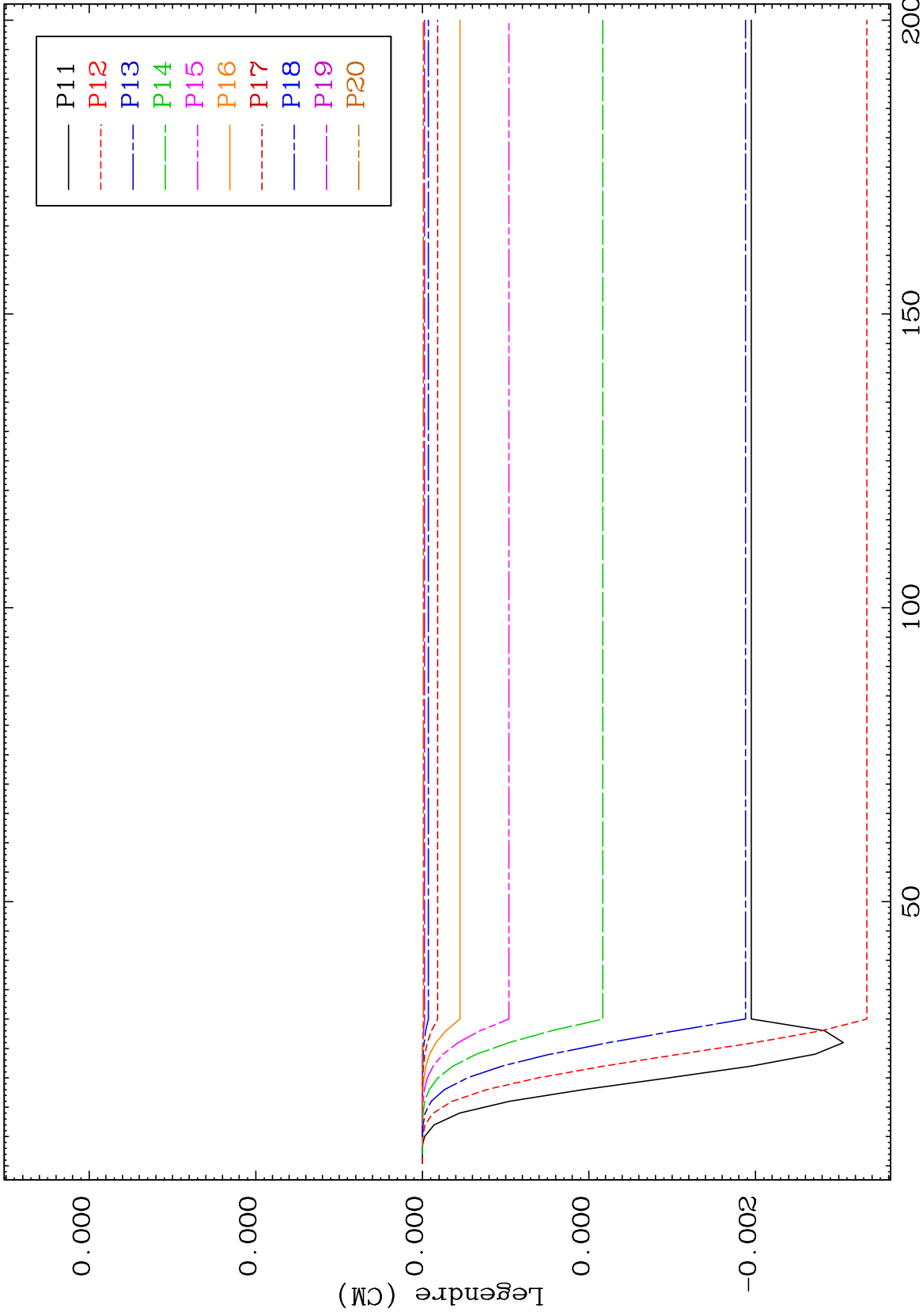
Incident Energy (MeV)

13-Al-24

MAT 1316

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

13-Al-24



77

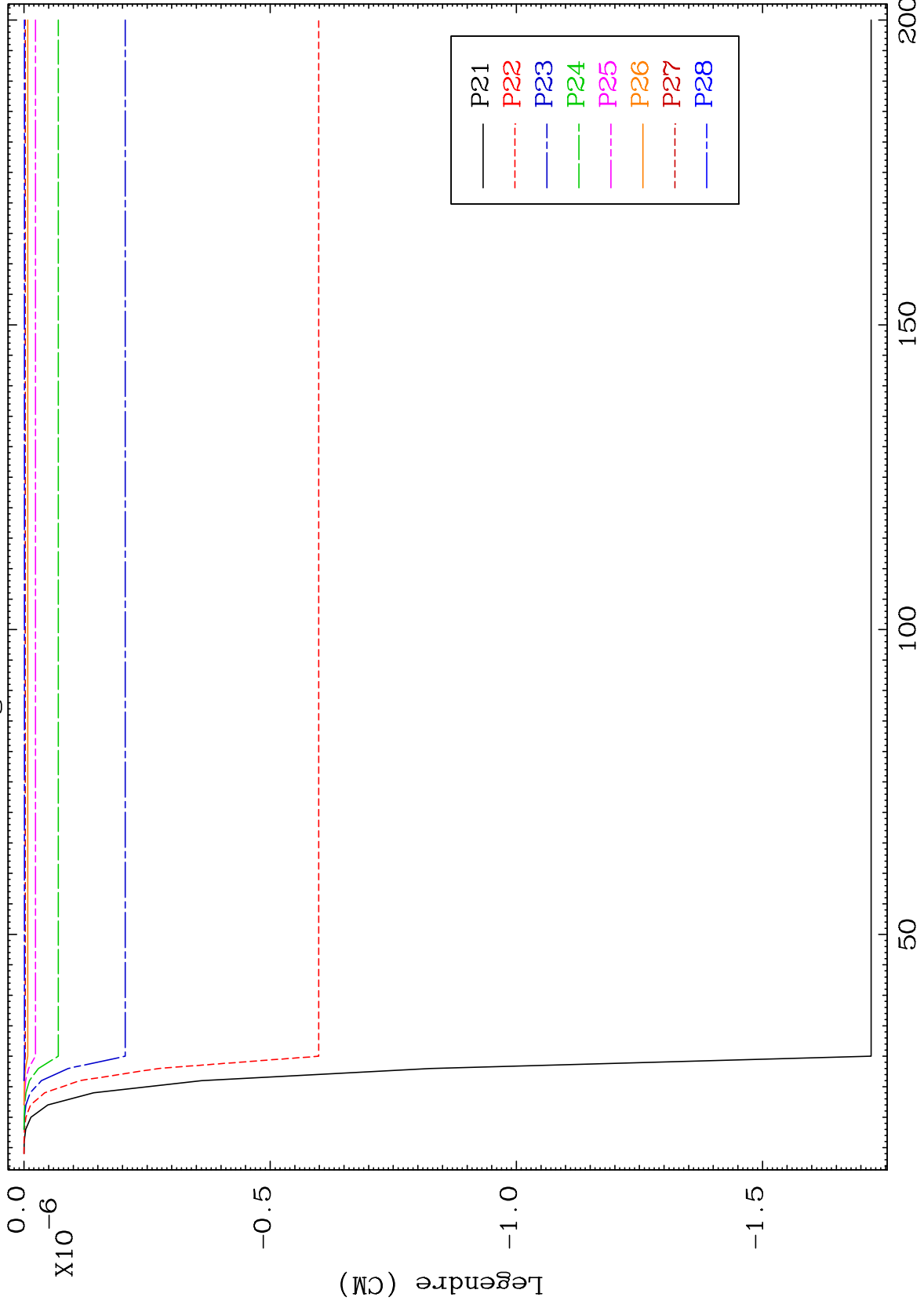
Incident Energy (MeV)

13-Al-24

MAT 1316

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

13-Al-24



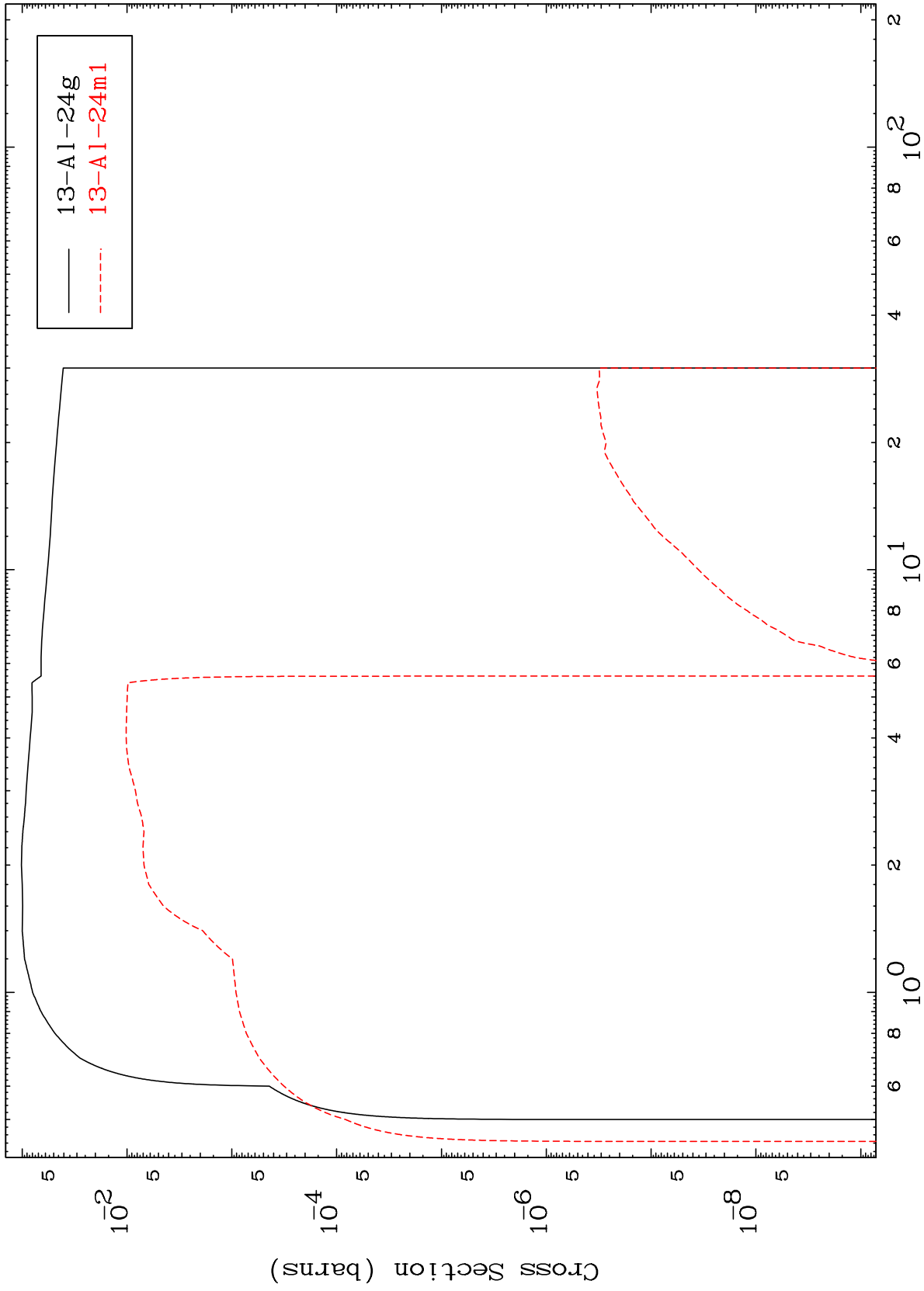
78

13-Al-24

MAT 1316

13-Al-24

### Inelastic Radionuclide Production Cross Section



79

Incident Energy (MeV)

13-Al-24