

Program EVALPLOT
(Version 2015-2)

by

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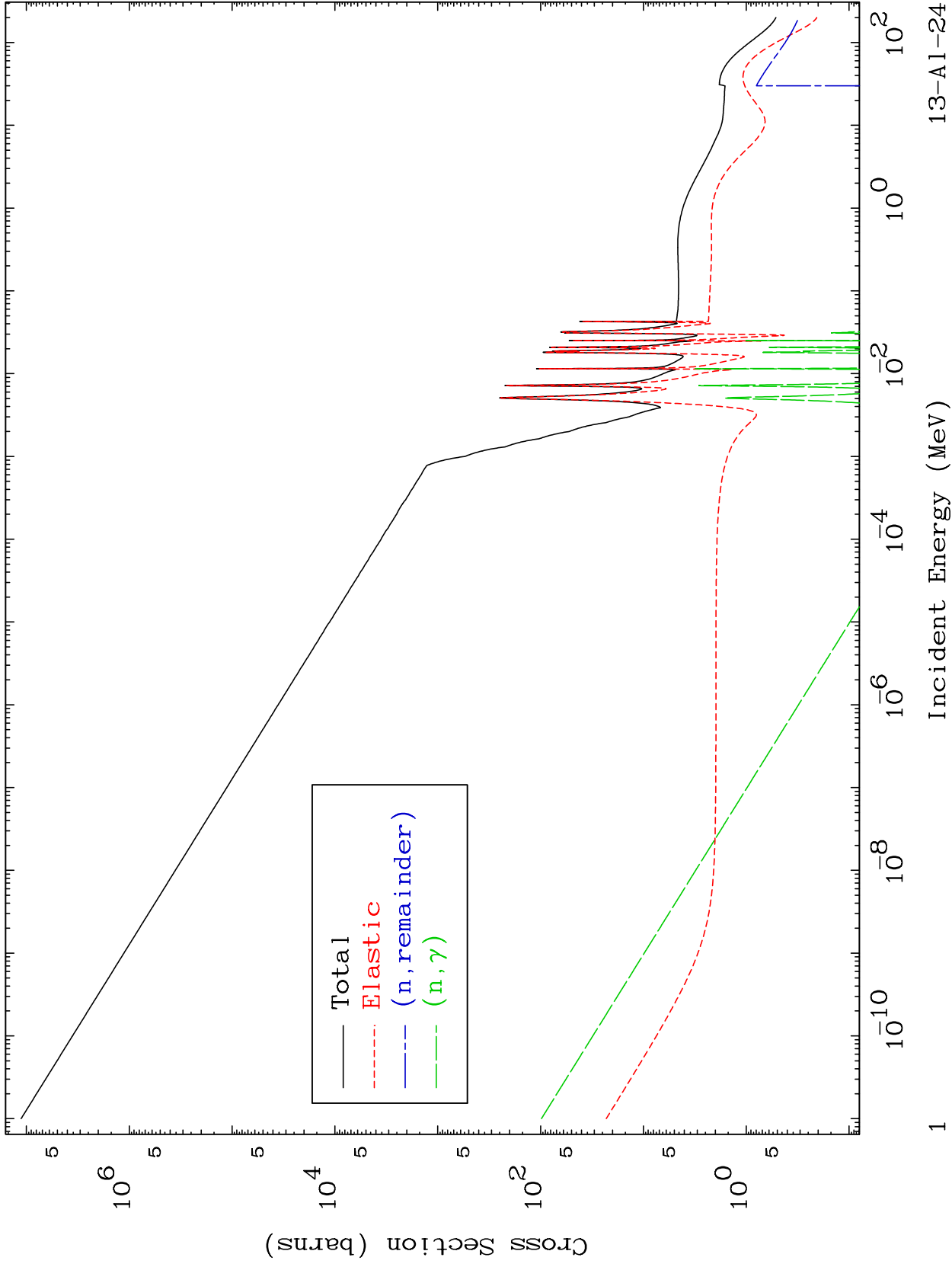
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 1316

Major
293 Kelvin Cross Sections

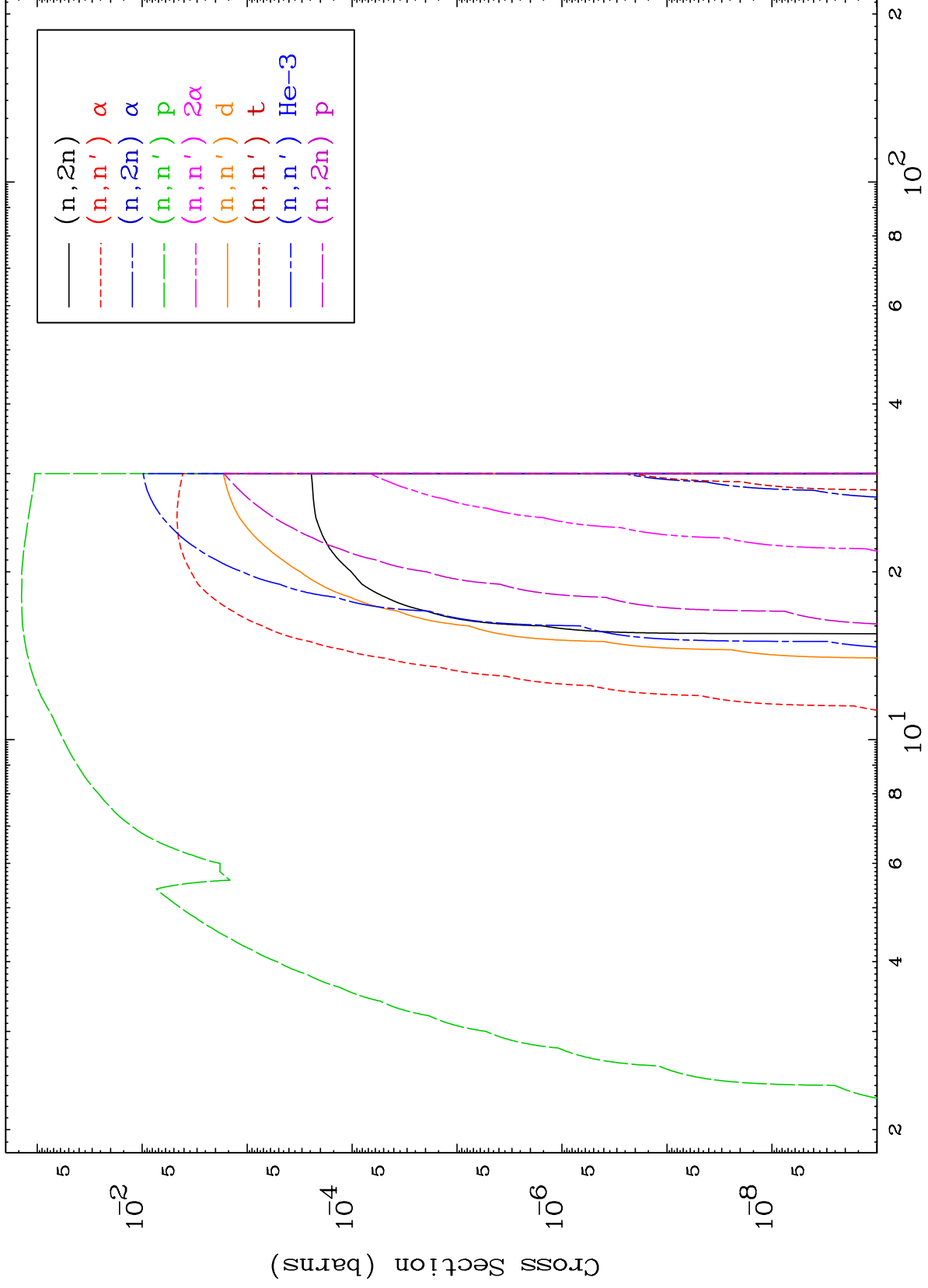
13-Al-24



MAT 1316

Neutron Production
293 Kelvin Cross Sections

13-Al-24



13-Al-24

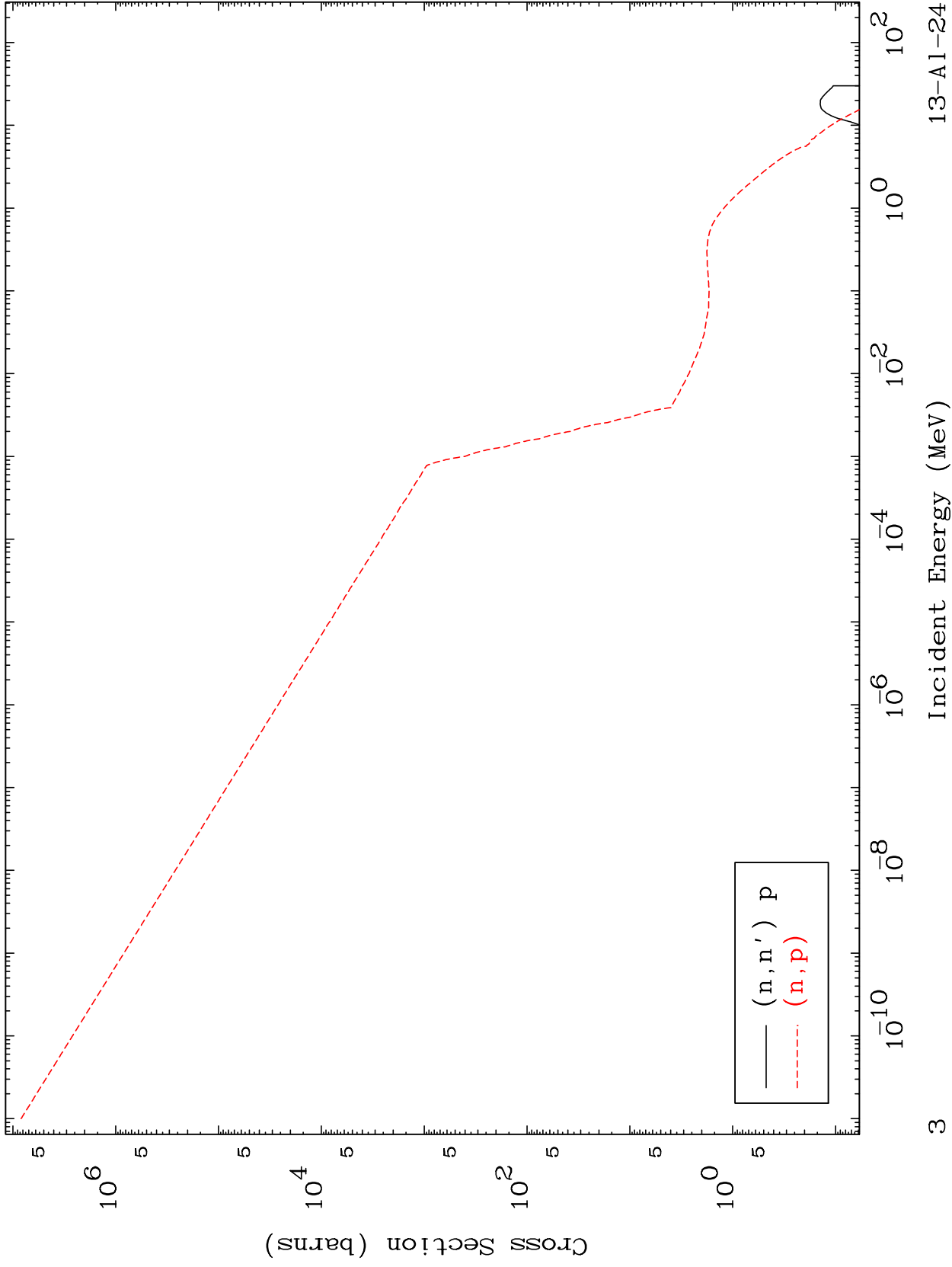
Incident Energy (MeV)

2

MAT 1316

Charged Particle
293 Kelvin Cross Sections

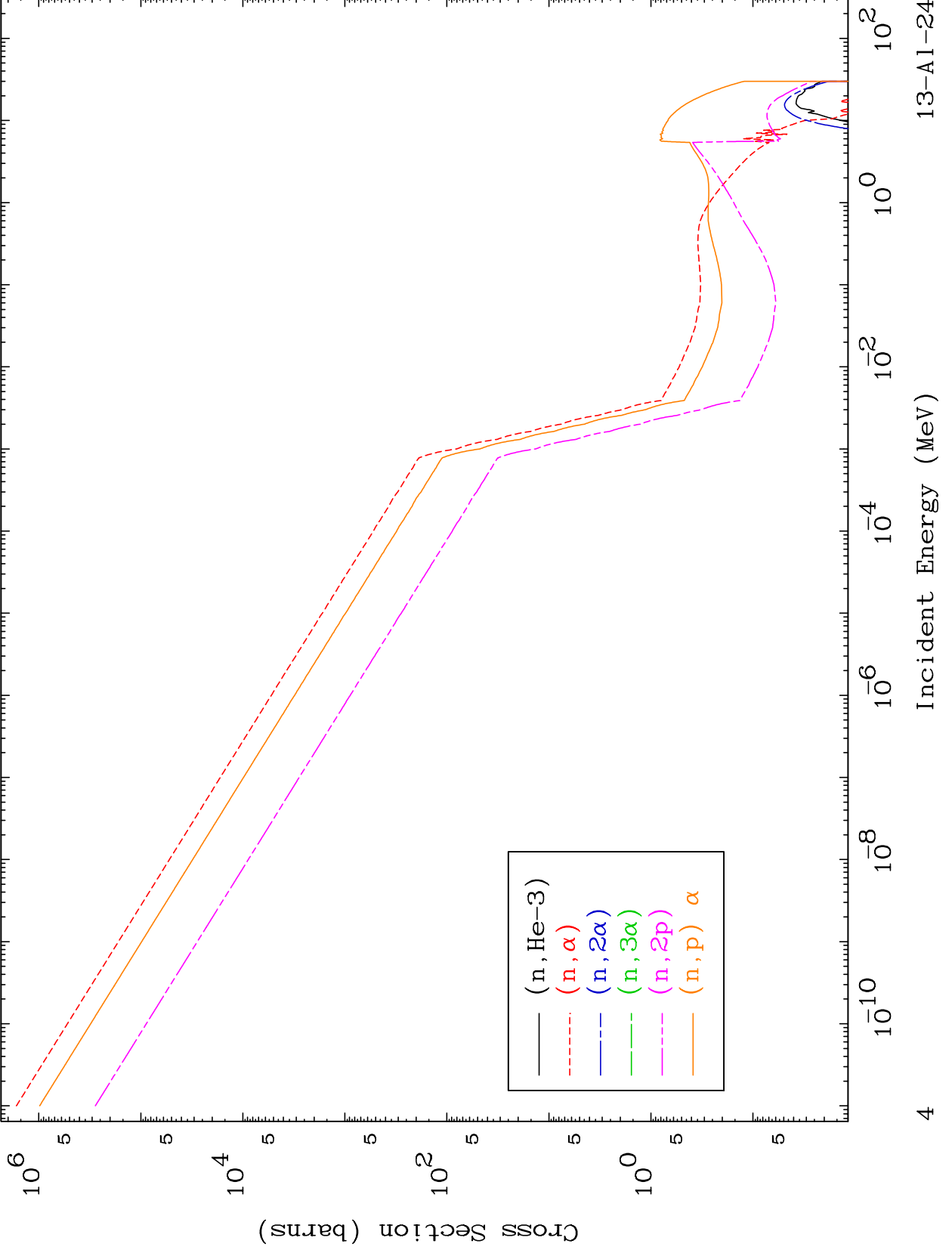
13-Al-24

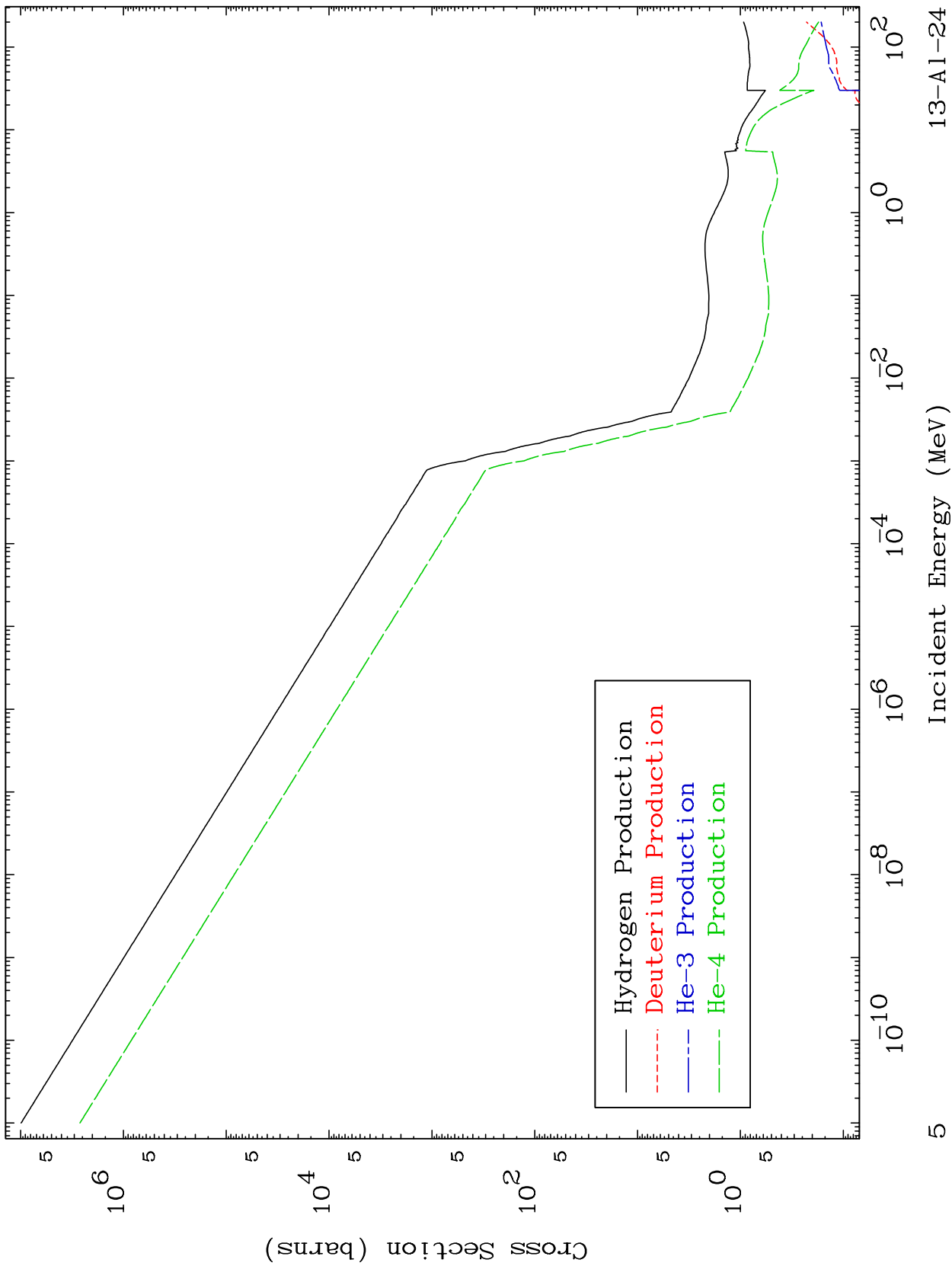


MAT 1316

Charged Particle
293 Kelvin Cross Sections

13-Al-24



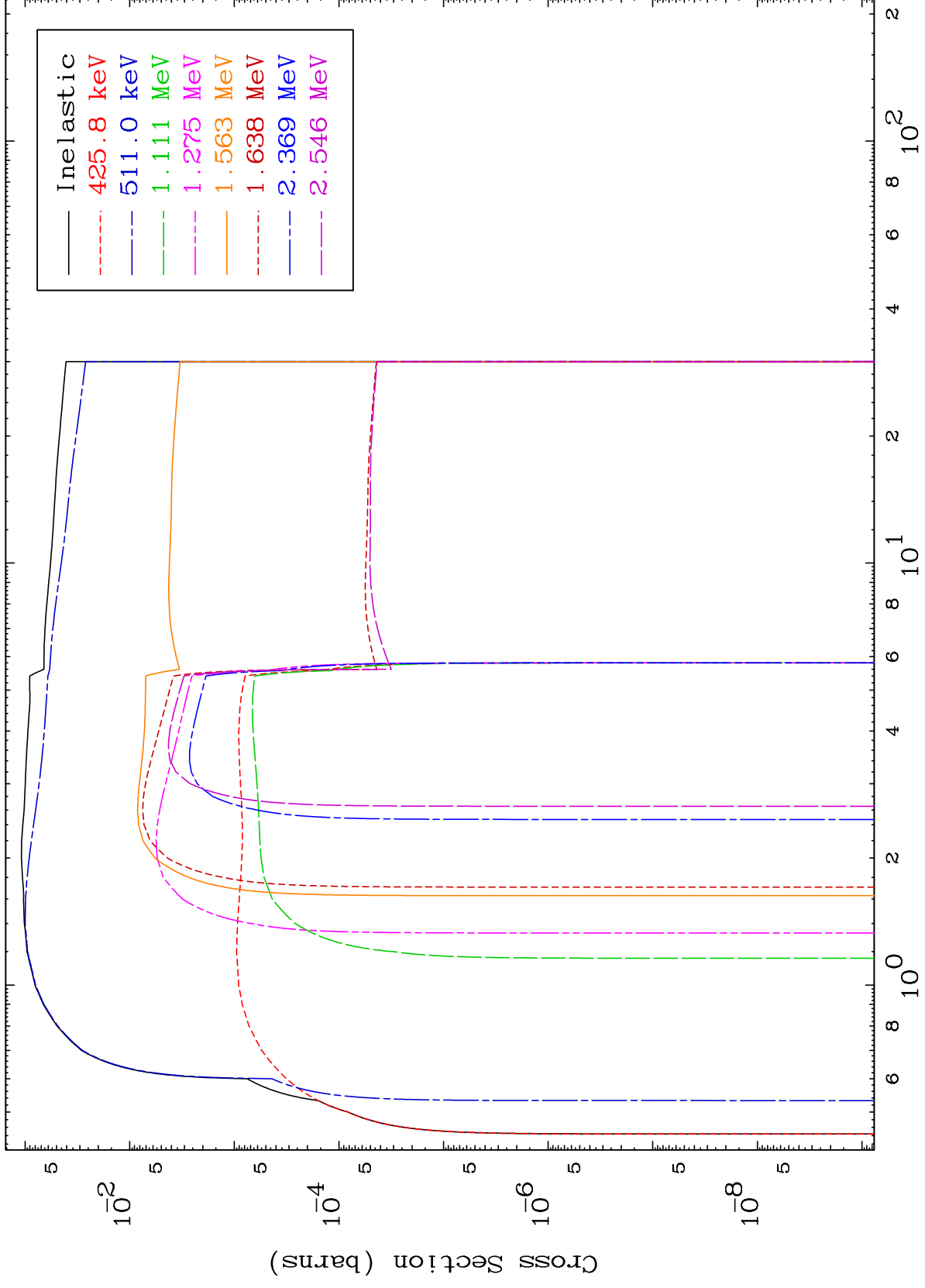


MAT 1316

(n,n') Level

13-Al-24

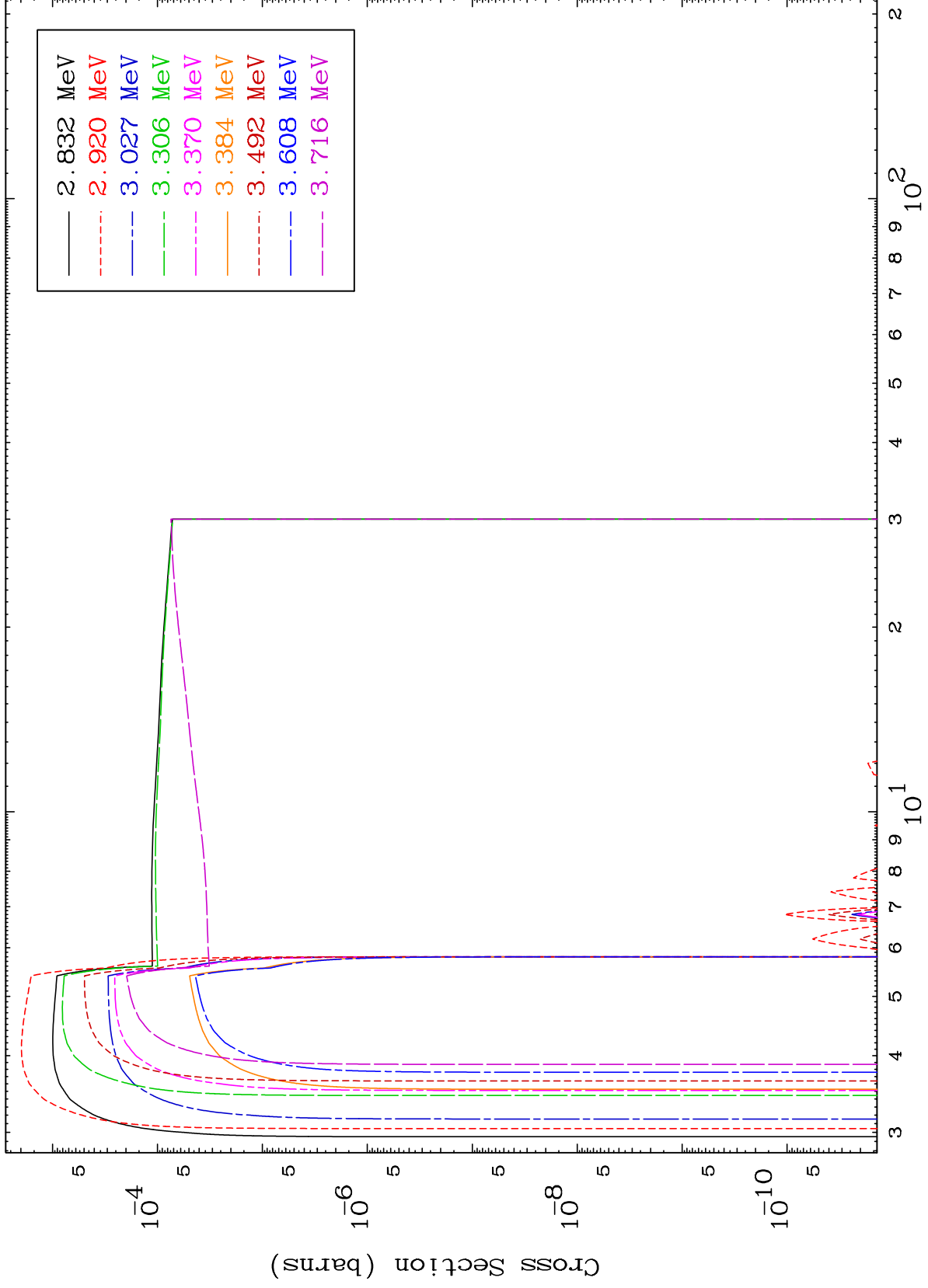
293 Kelvin Cross Sections



6

Incident Energy (MeV)

13-Al-24

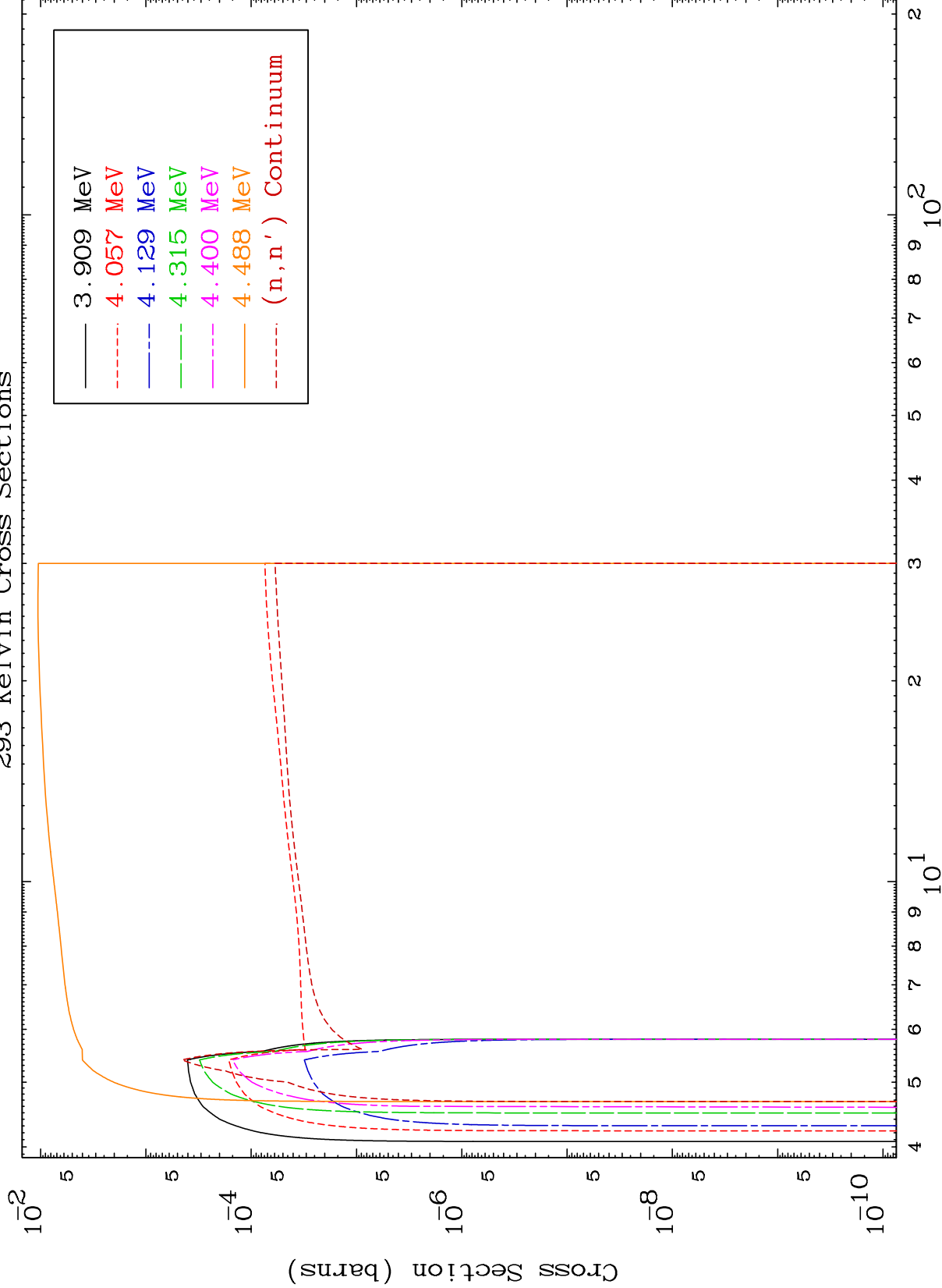


MAT 1316

(n,n') Level

13-A1-24

293 Kelvin Cross Sections



Incident Energy (MeV)

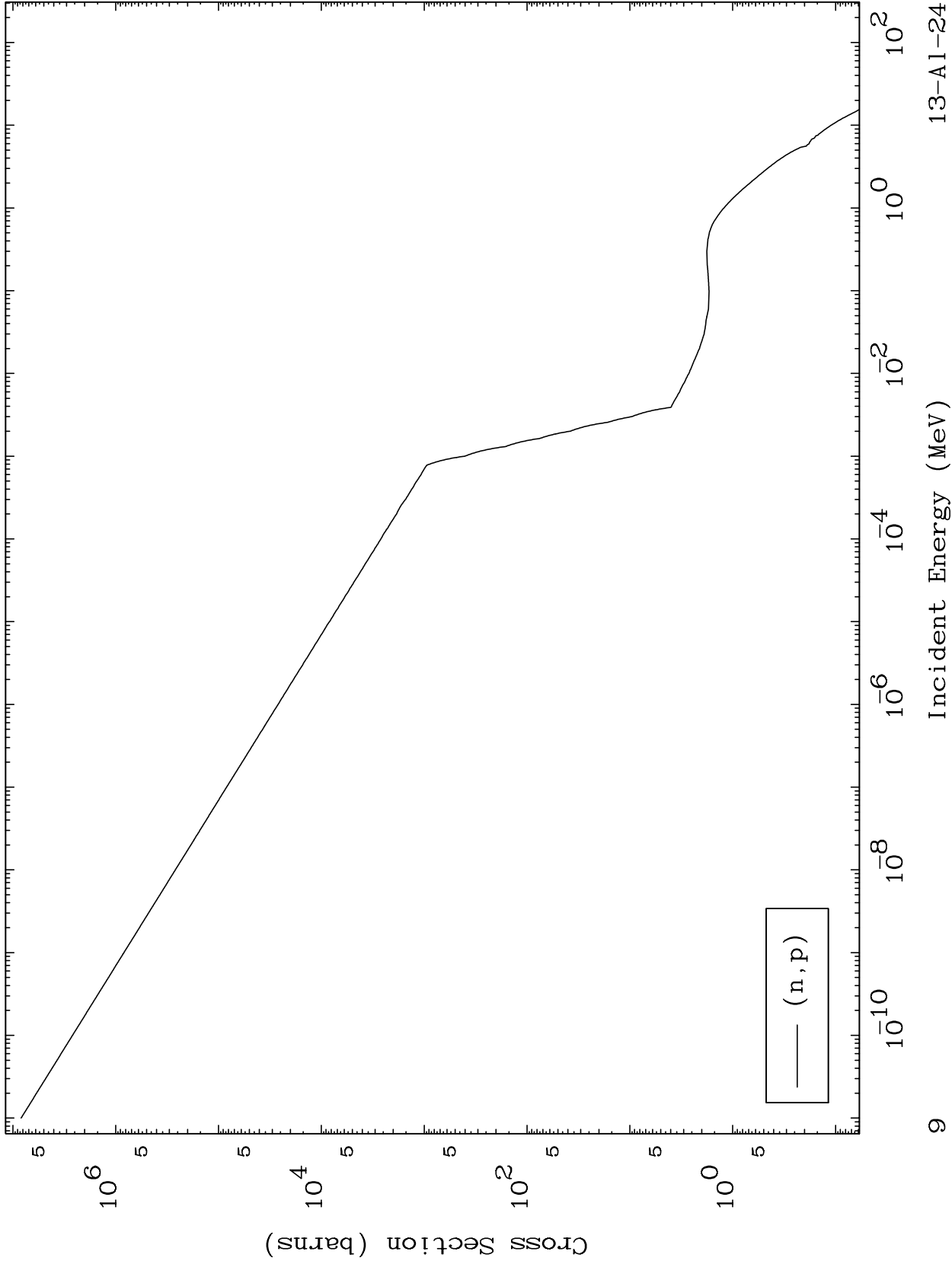
13-A1-24

8

MAT 1316

(n,p) Levels
293 Kelvin Cross Sections

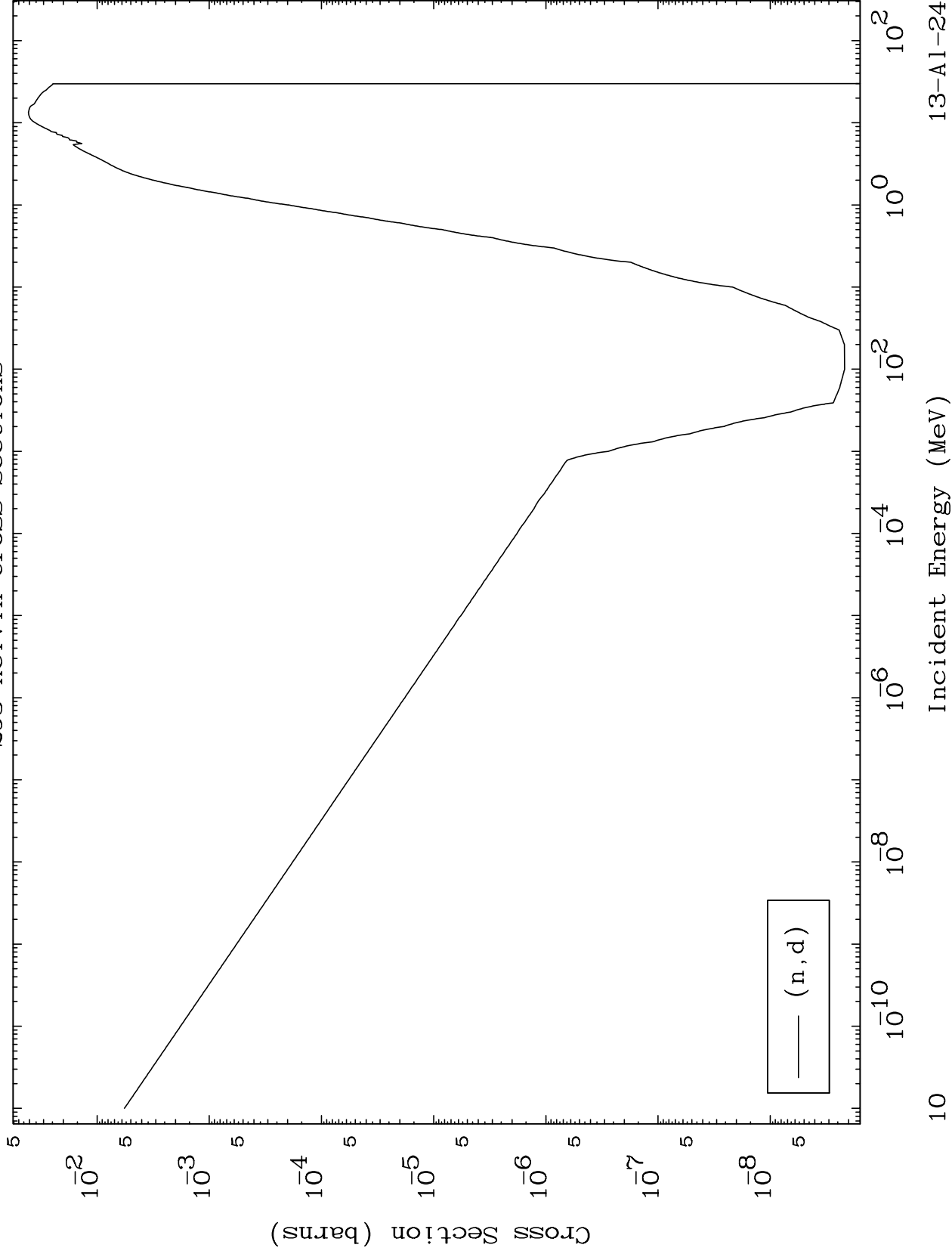
13-Al-24



MAT 1316

(n,d) Levels
293 Kelvin Cross Sections

13-Al-24



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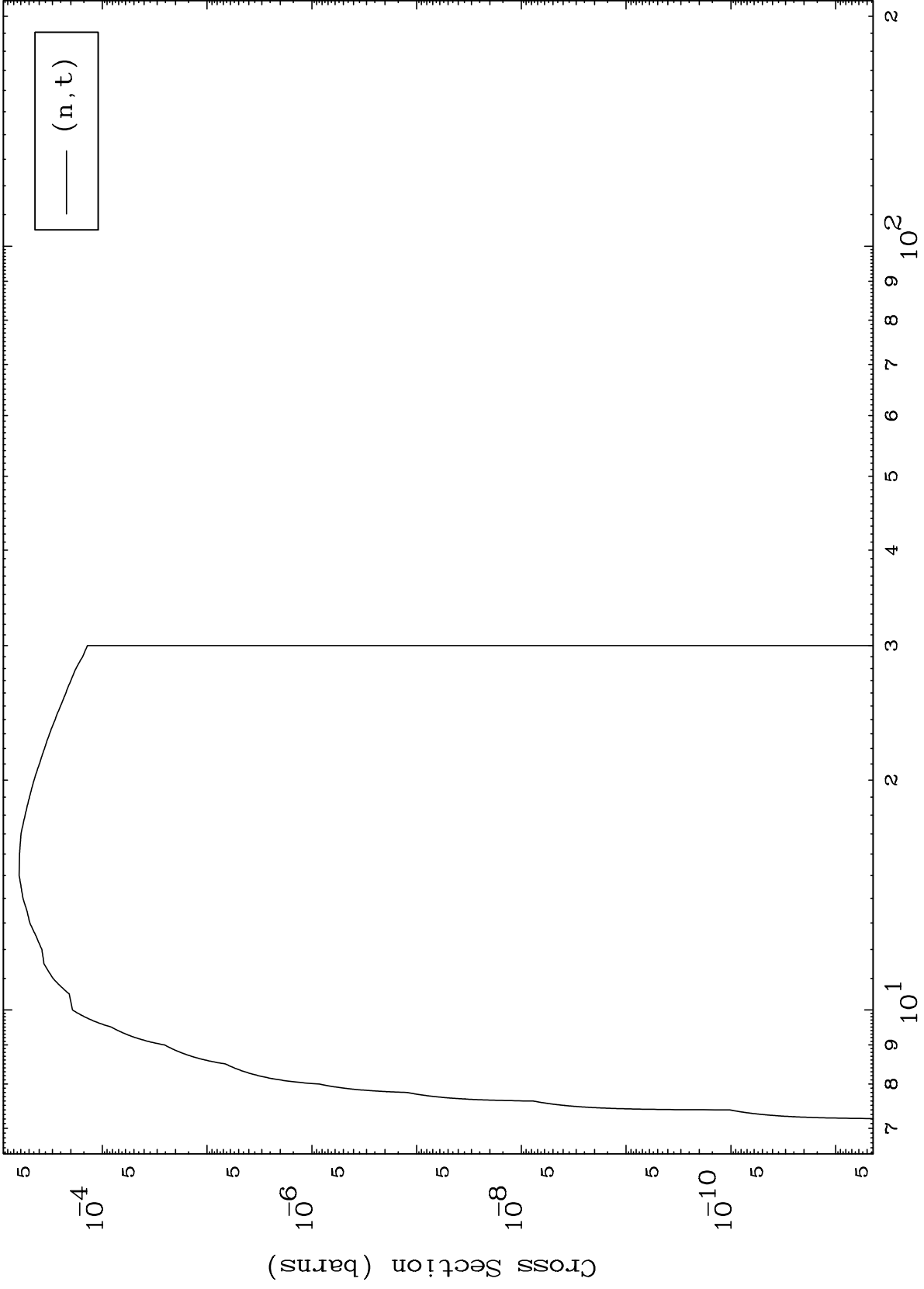
Incident Energy (MeV)

13-Al-24

MAT 1316

(n,t) Levels
293 Kelvin Cross Sections

13-Al-24

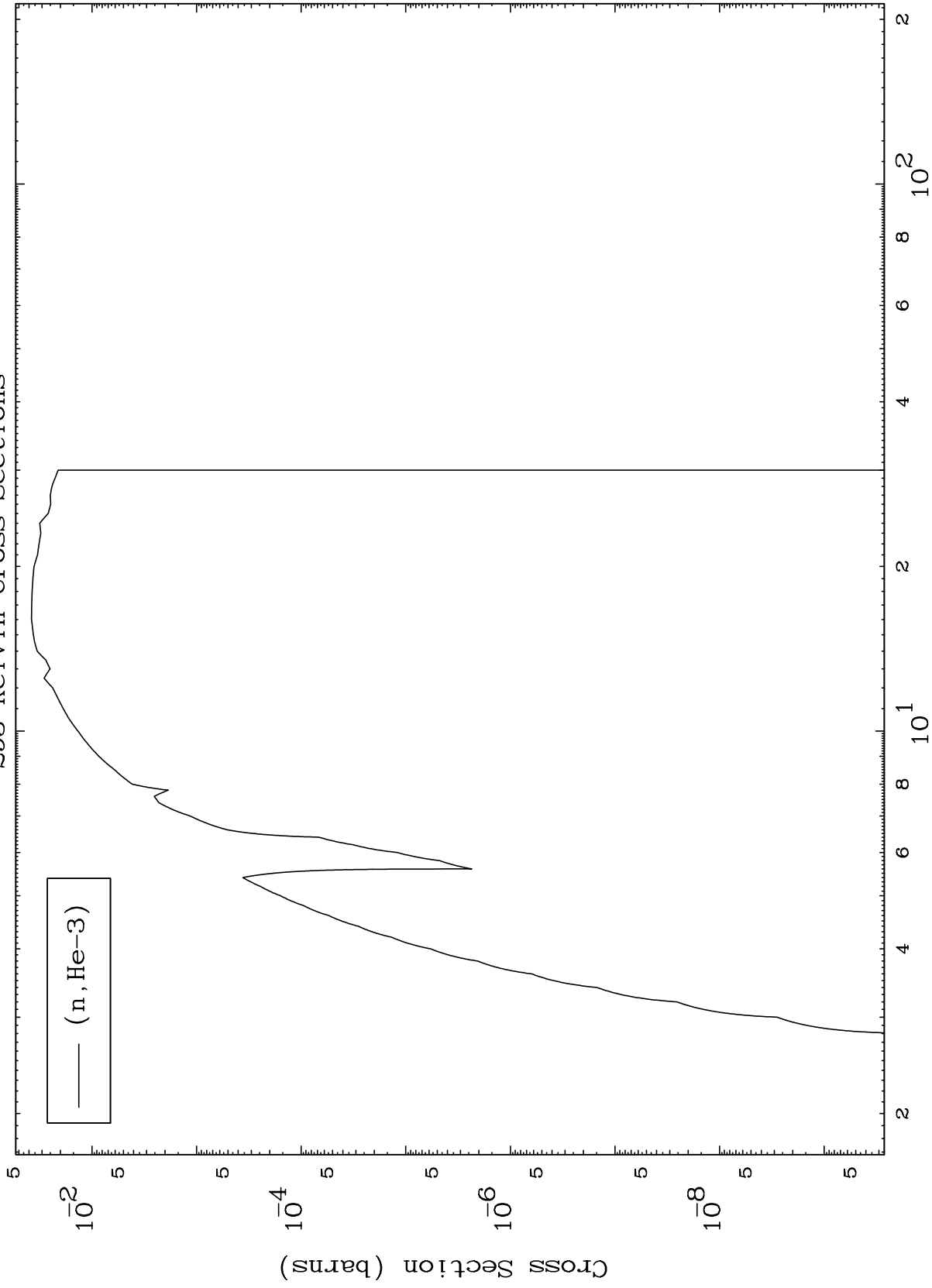


(n,t)

11

Incident Energy (MeV)

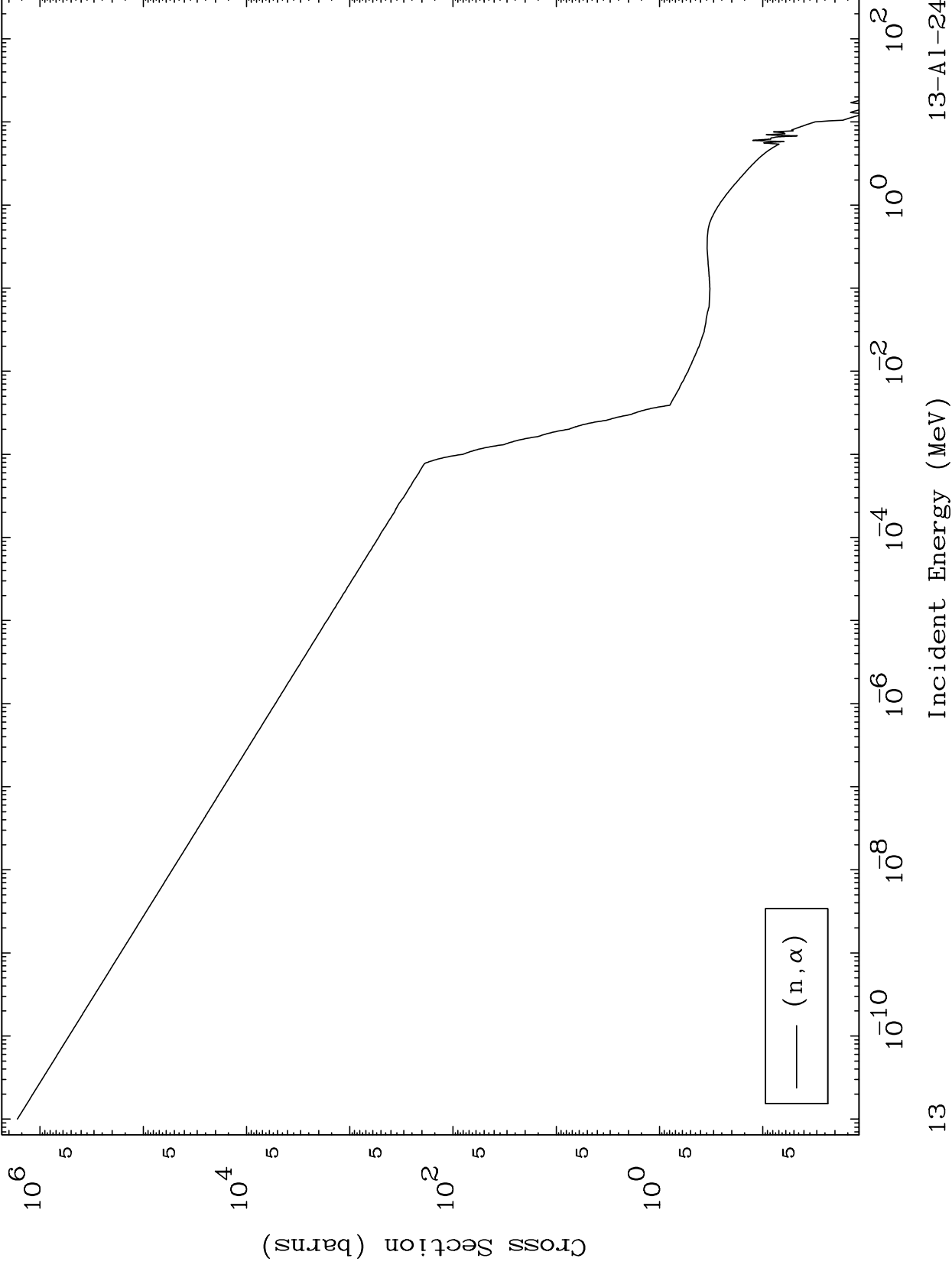
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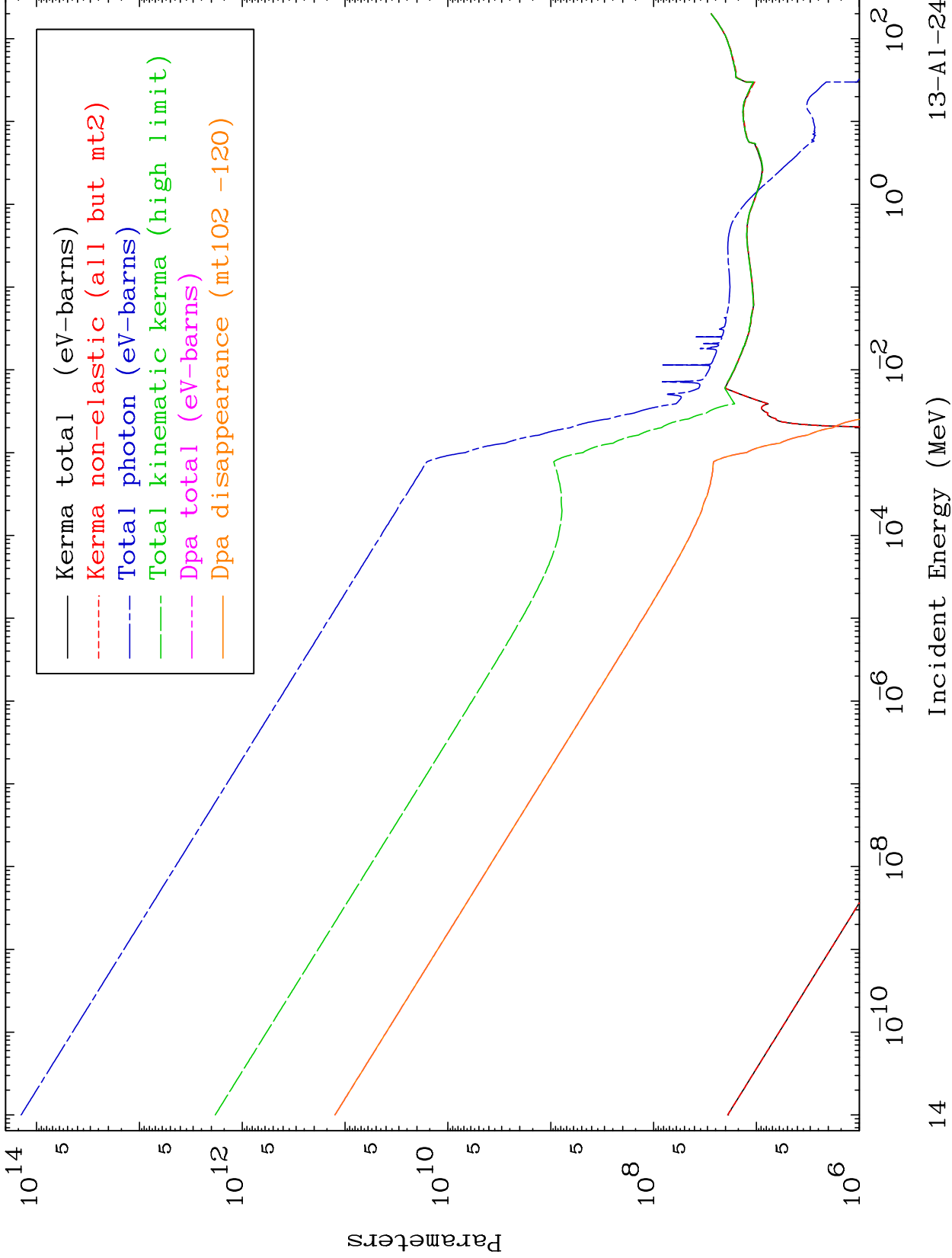


MAT 1316

(n,α) Levels
293 Kelvin Cross Sections

13-Al-24

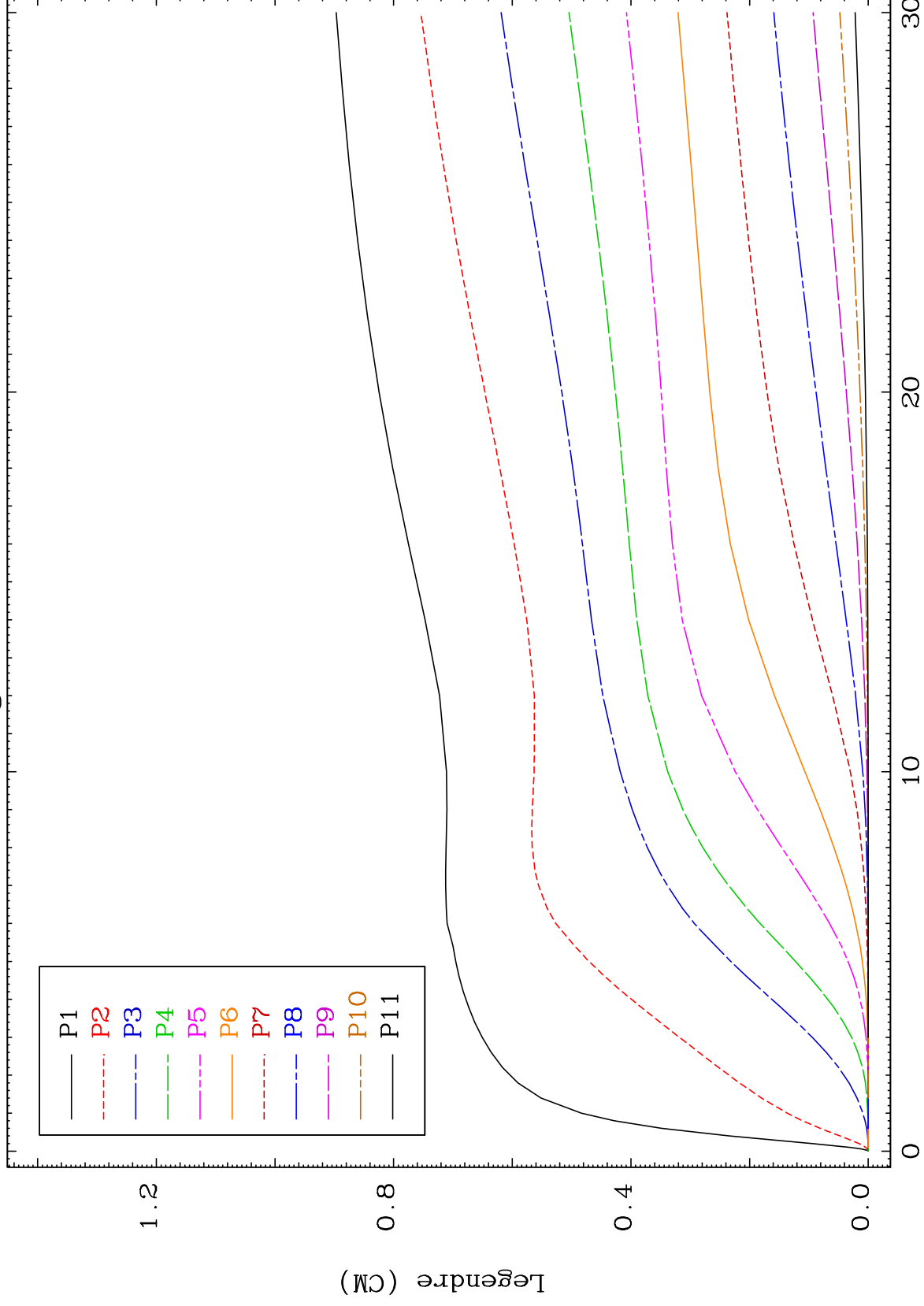




MAT 1316

Elastic Legendre Coefficients

13-Al-24



15

Incident Energy (MeV)

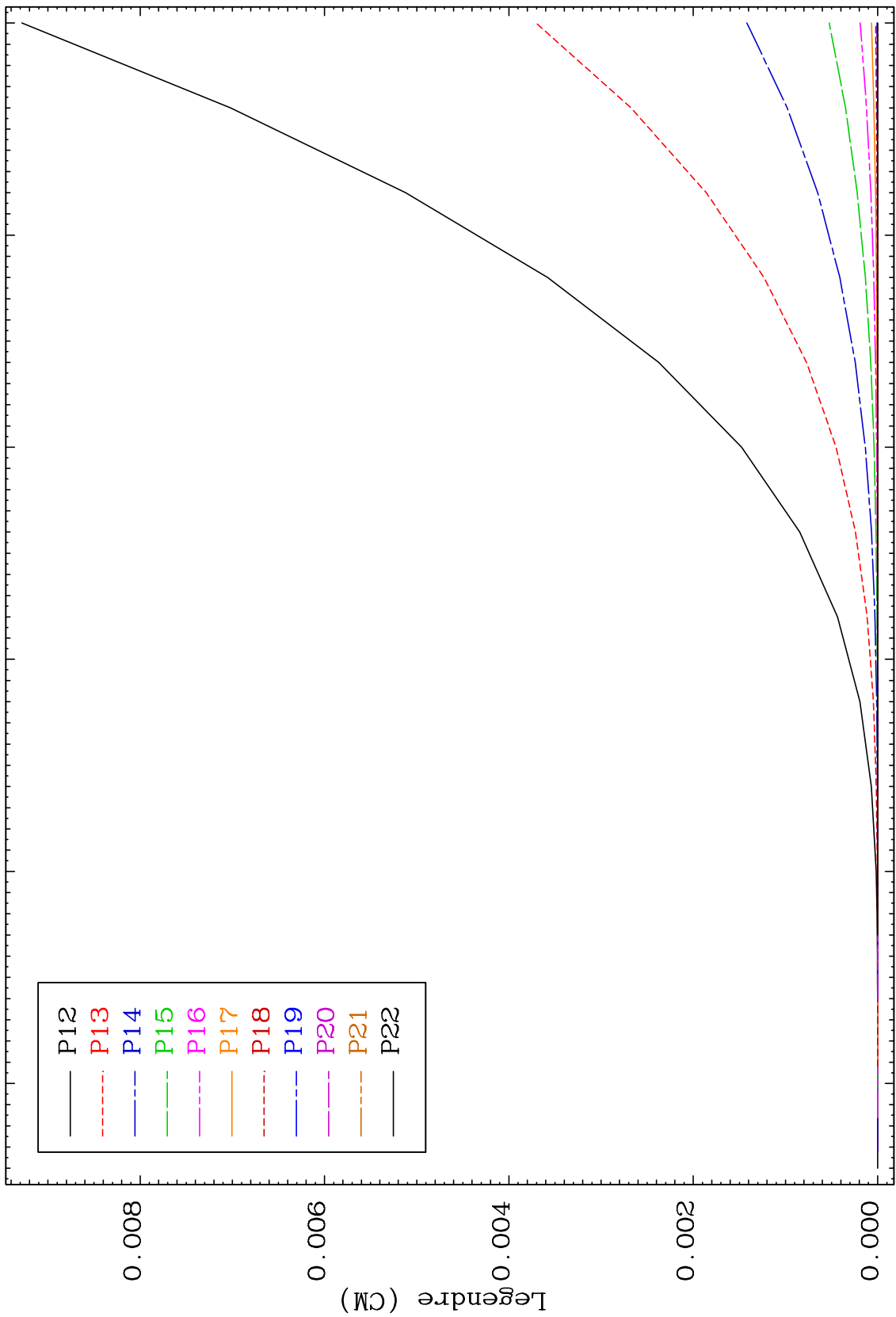
13-Al-24

30

MAT 1316

Elastic Legendre Coefficients

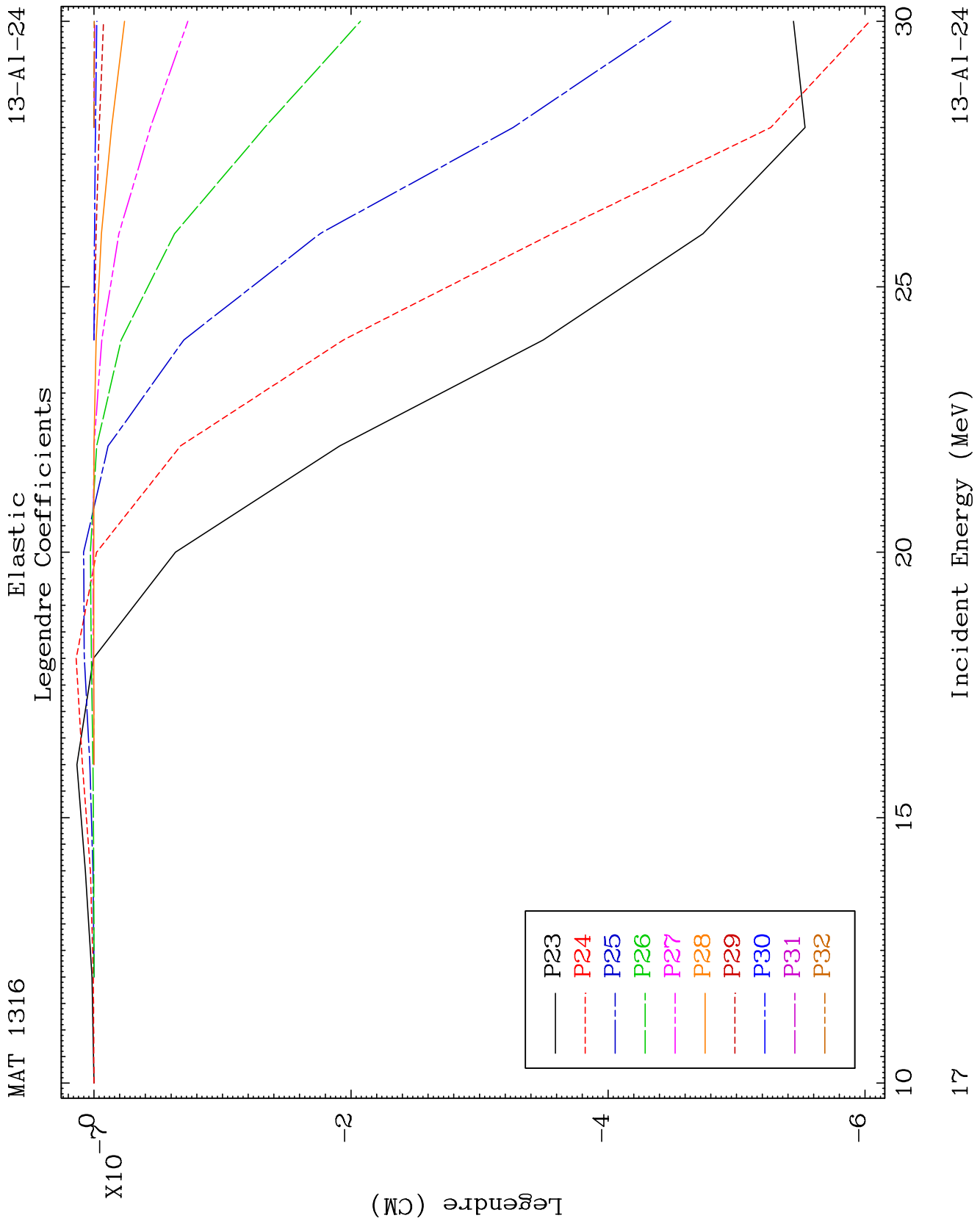
13-Al-24



16

Incident Energy (MeV)

13-Al-24



MAT 1316

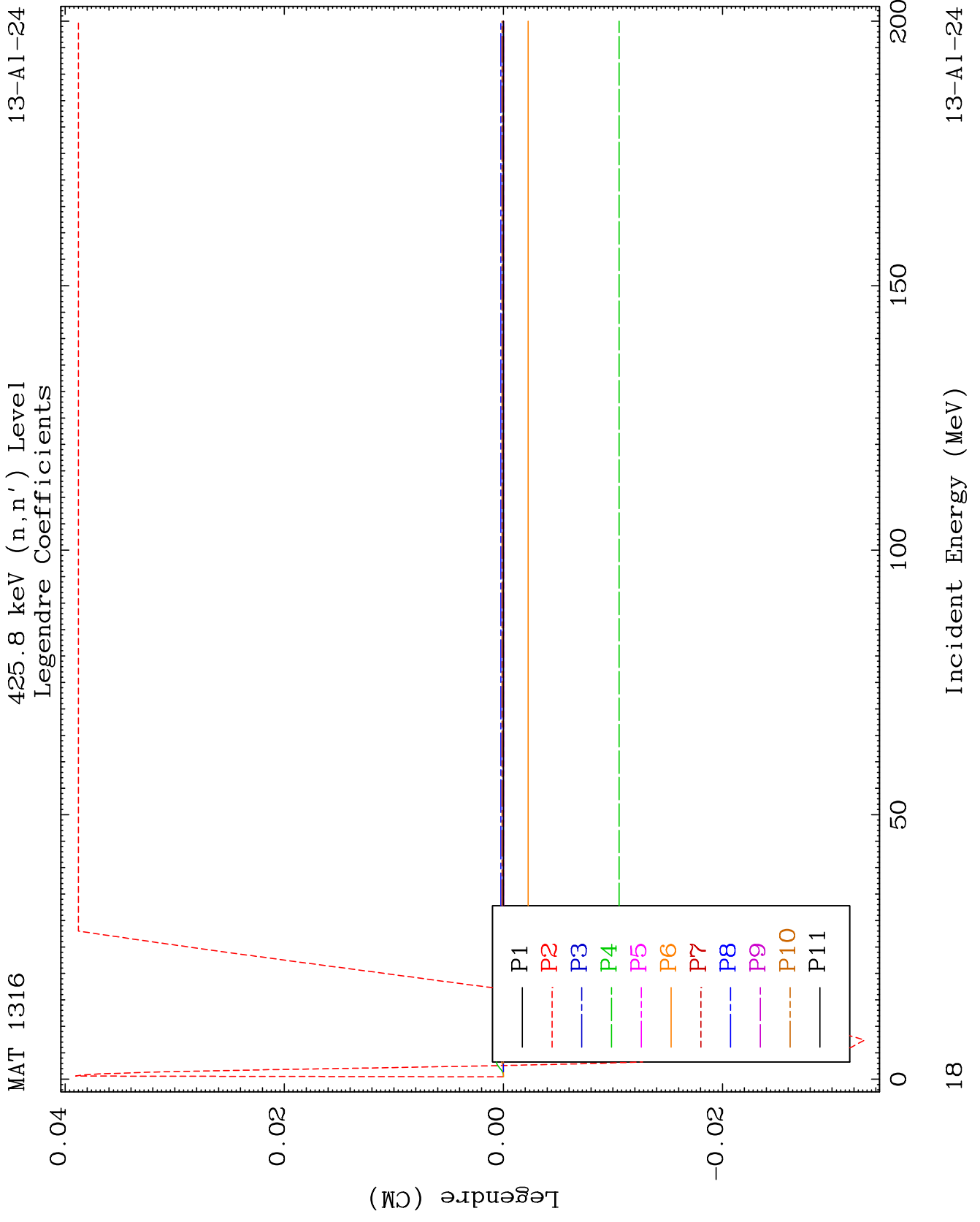
Elastic Legendre Coefficients

13-Al-24

17

Incident Energy (MeV)

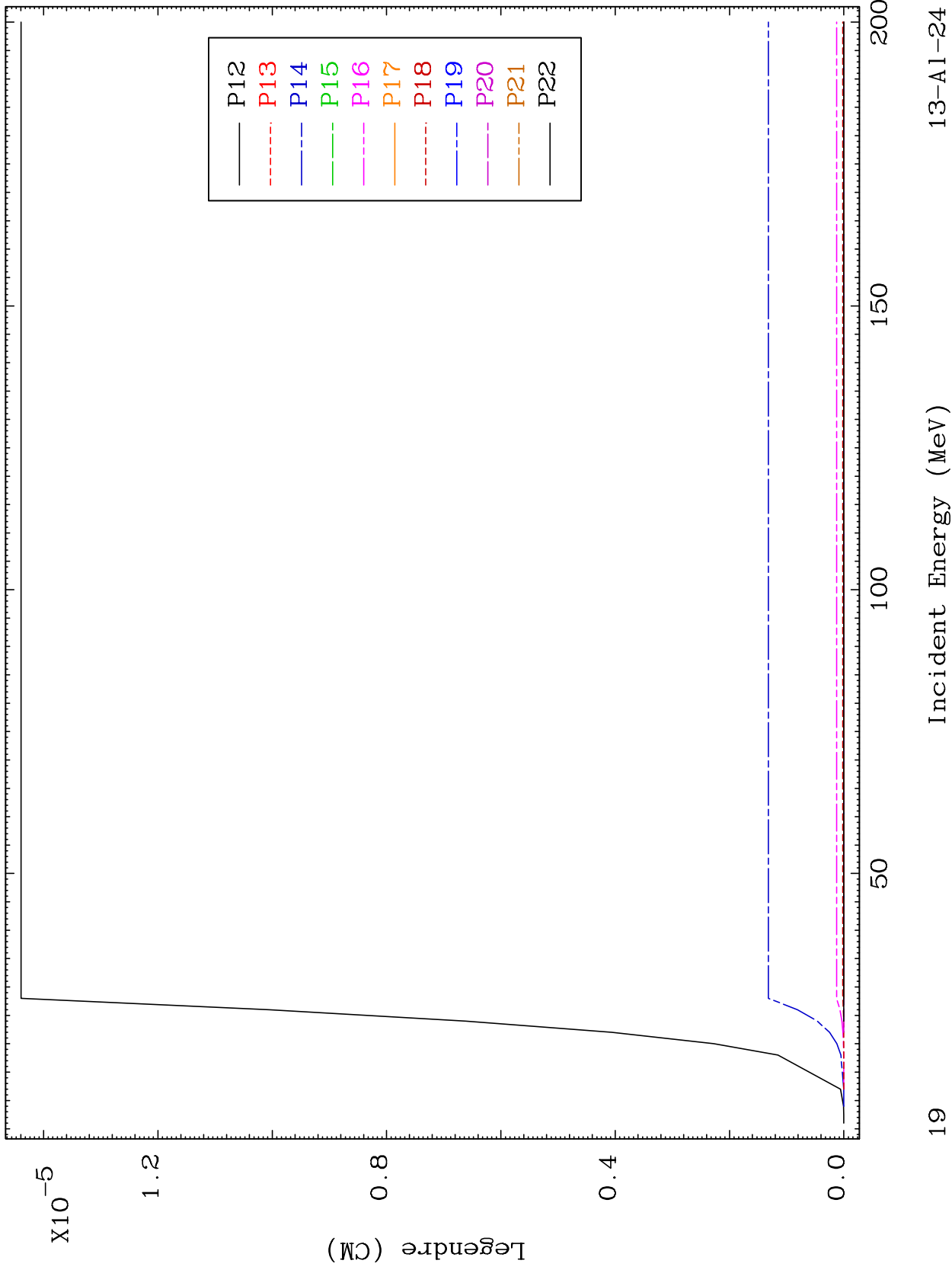
13-Al-24



MAT 1316

425.8 keV (n,n') Level
Legendre Coefficients

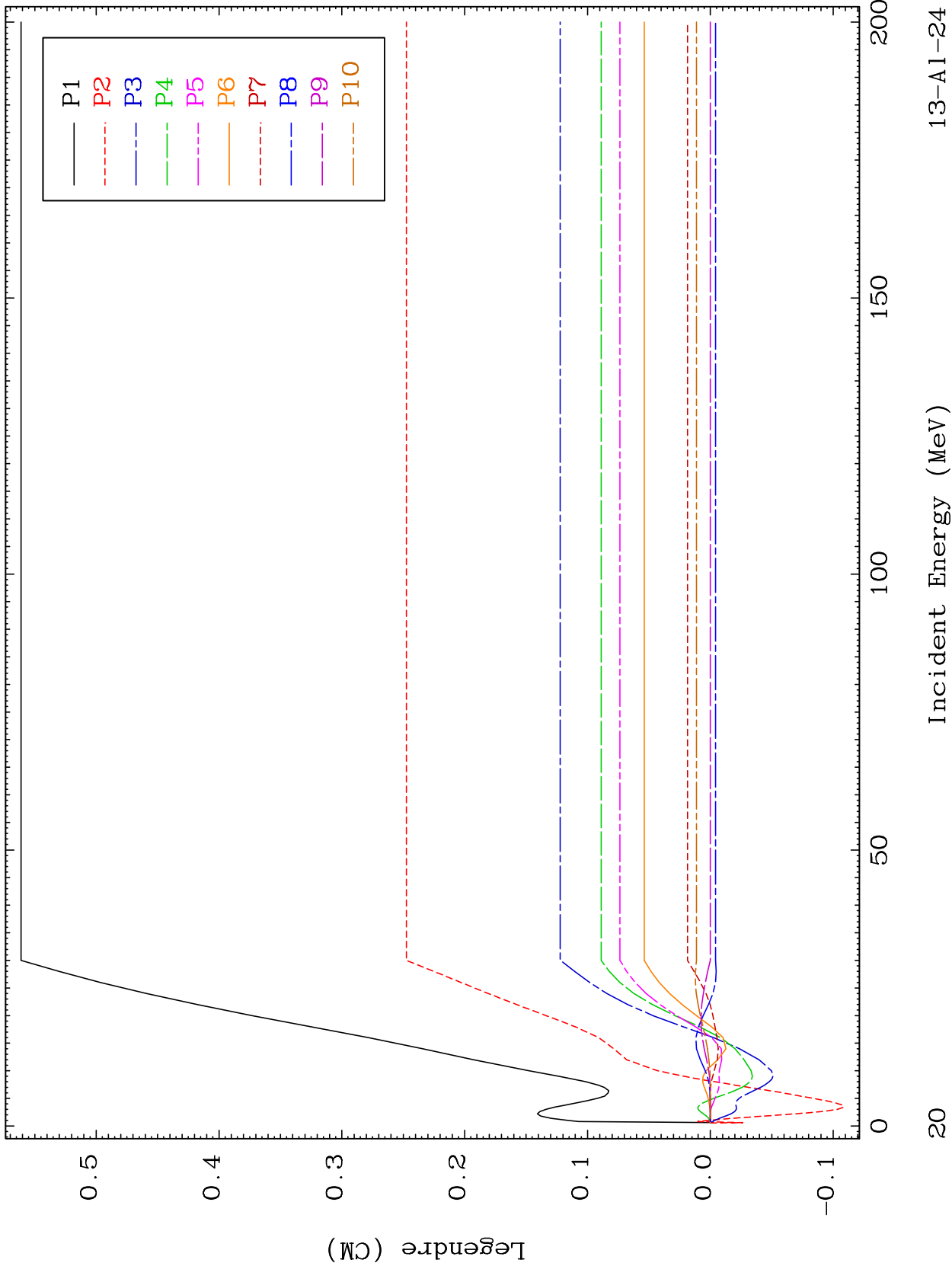
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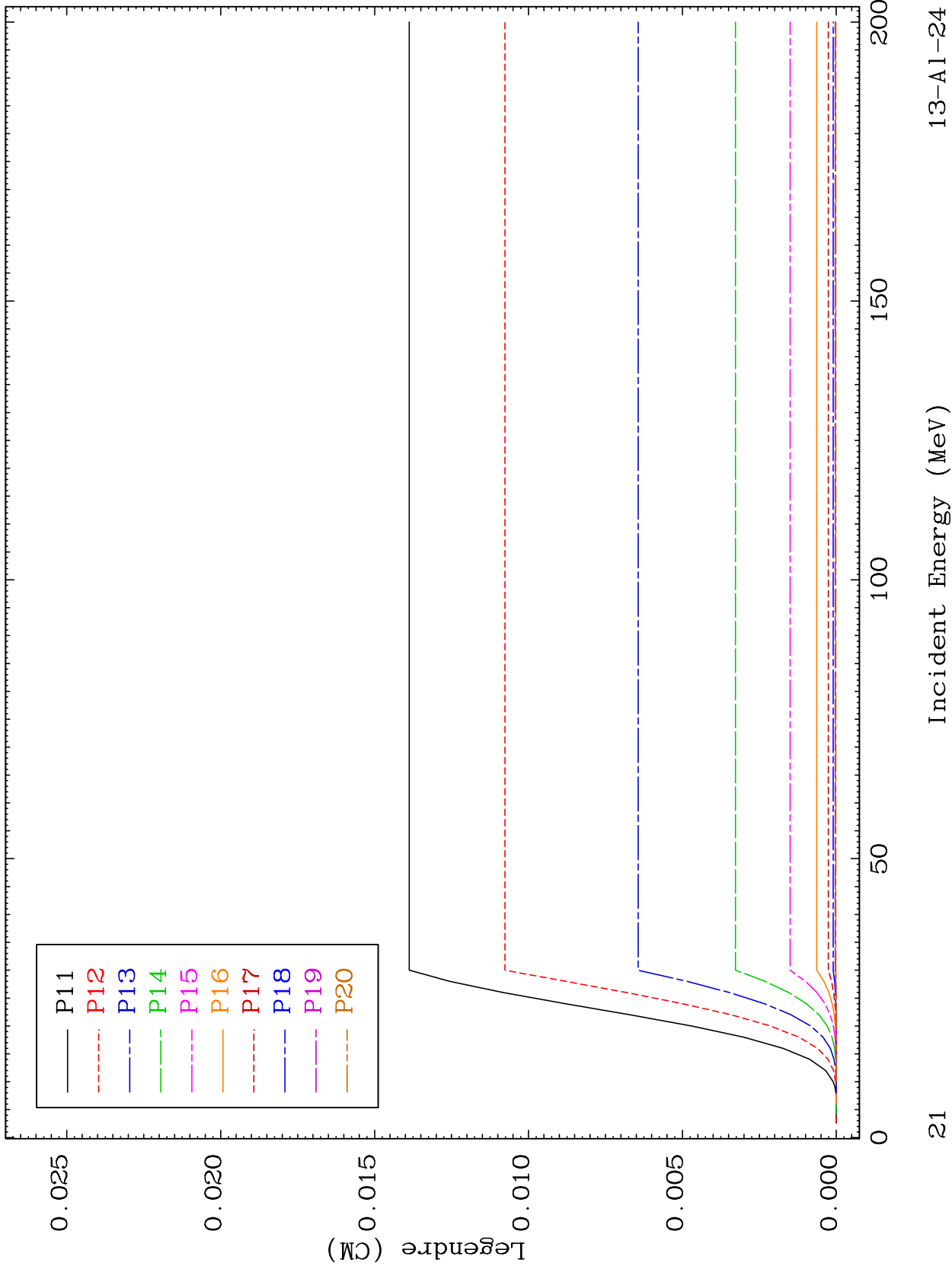
MAT 1316

511.0 keV (n,n') Level
Legendre Coefficients

13-Al-24



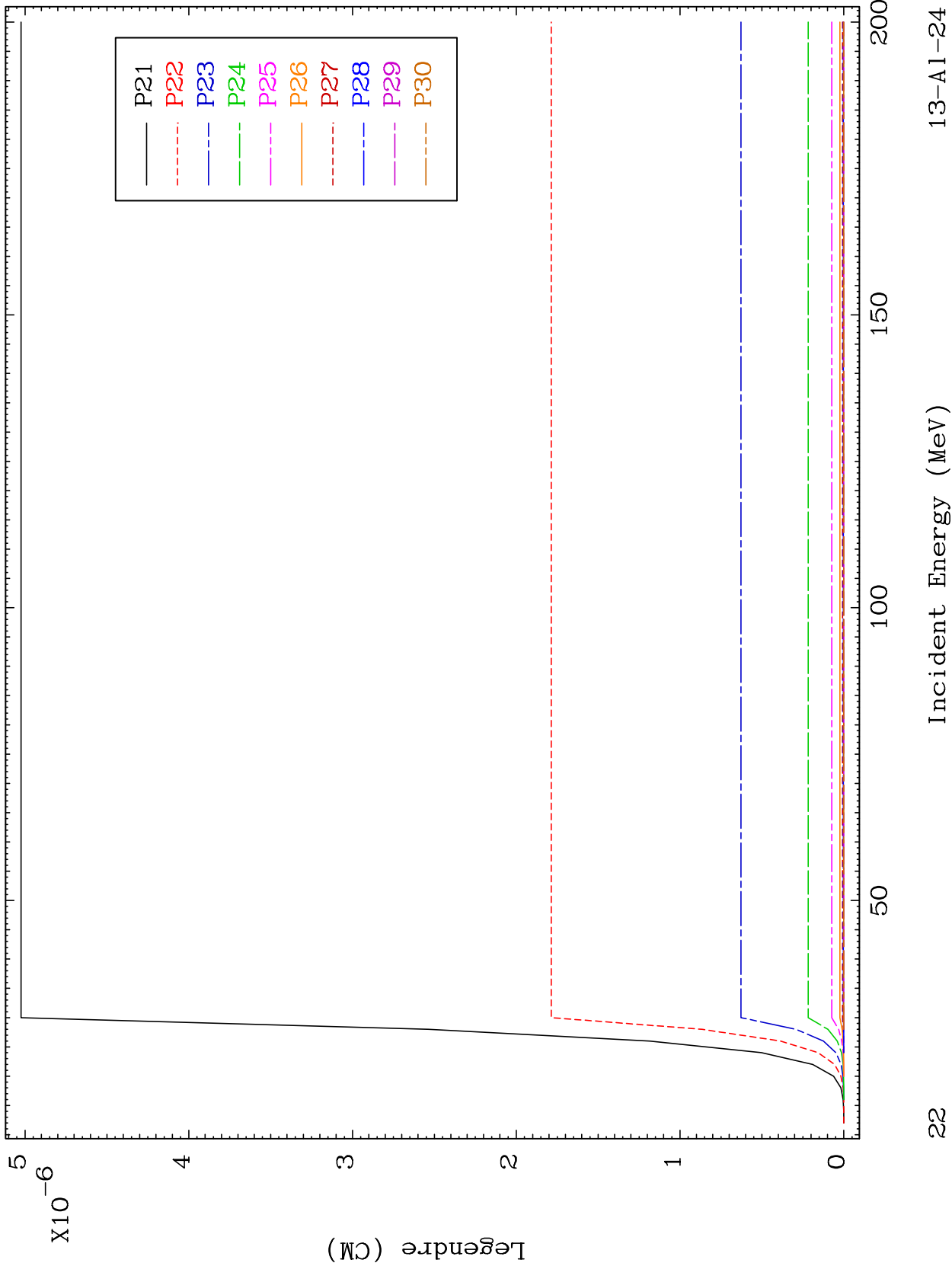
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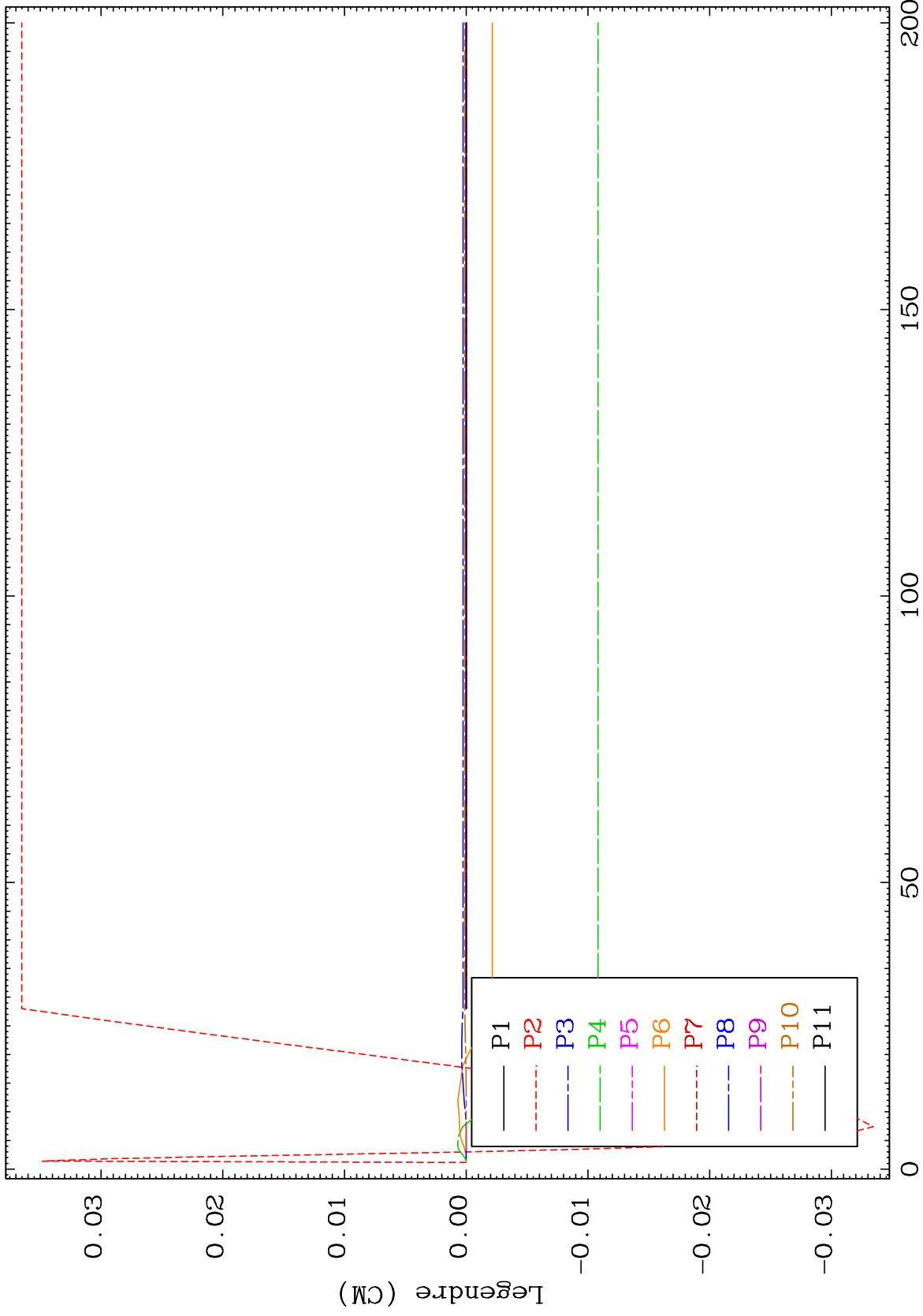
MAT 1316

511.0 keV (n,n') Level
Legendre Coefficients

13-Al-24



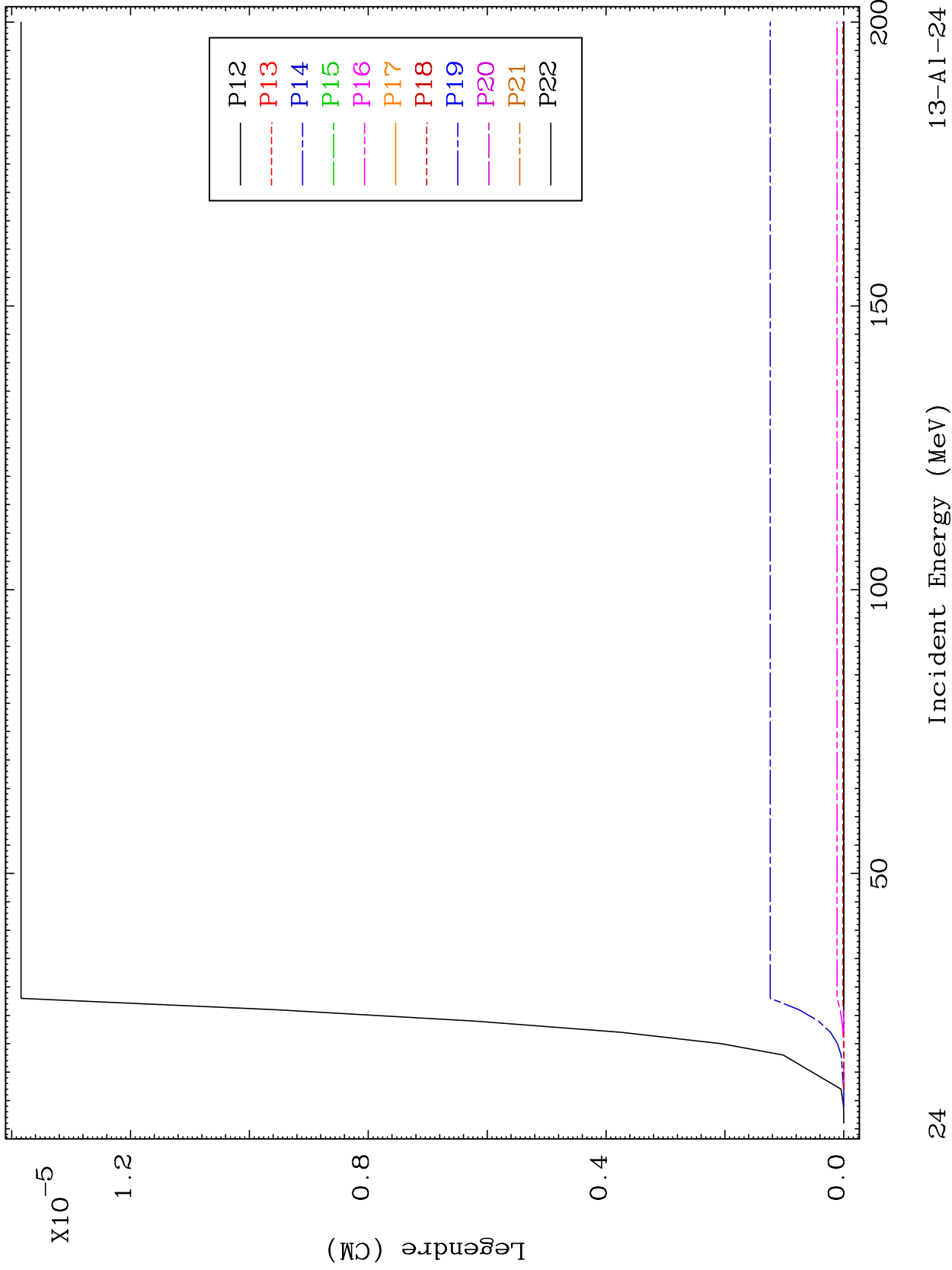
22



MAT 1316

1.111 MeV (n,n') Level
Legendre Coefficients

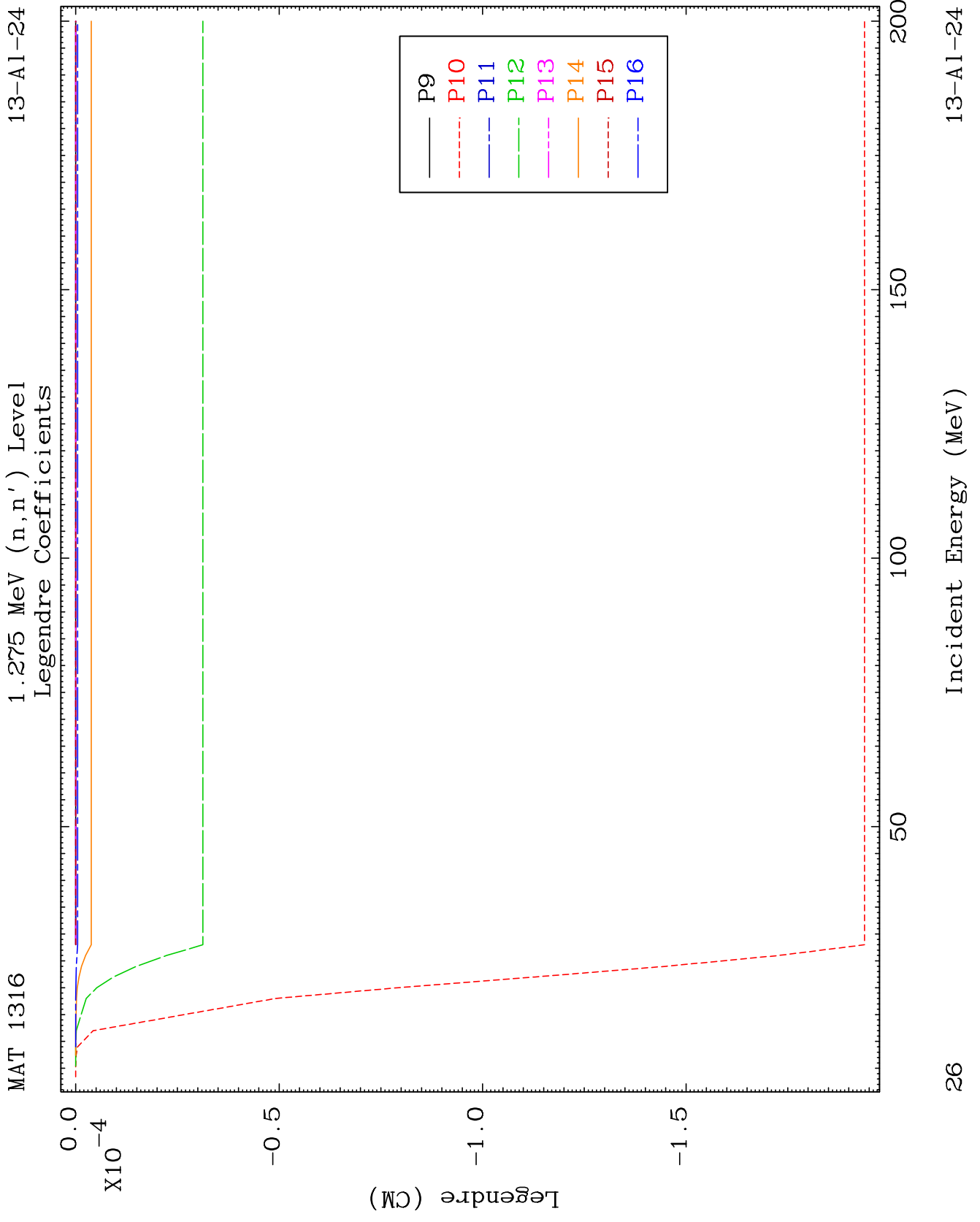
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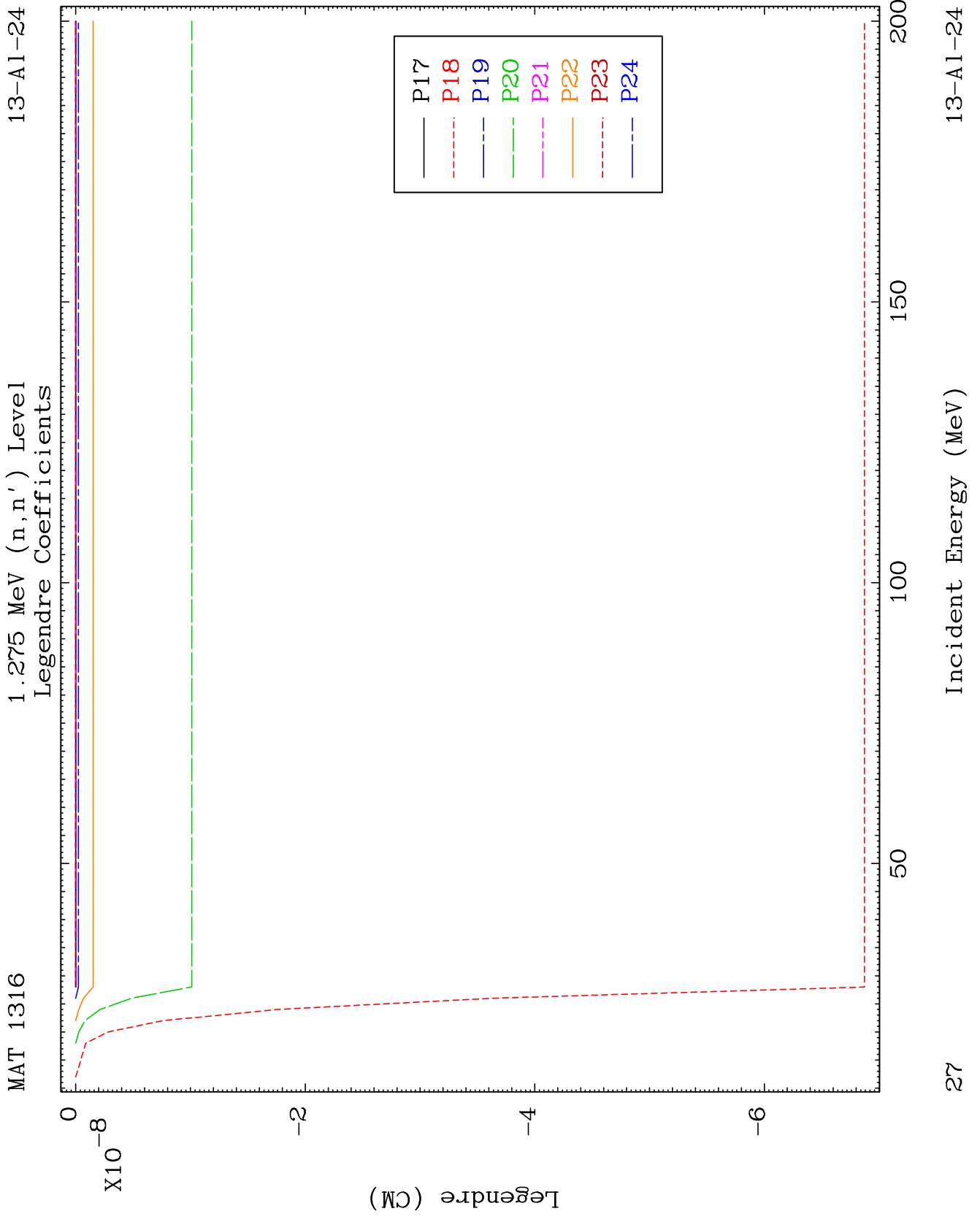


24

Incident Energy (MeV)

13-Al-24

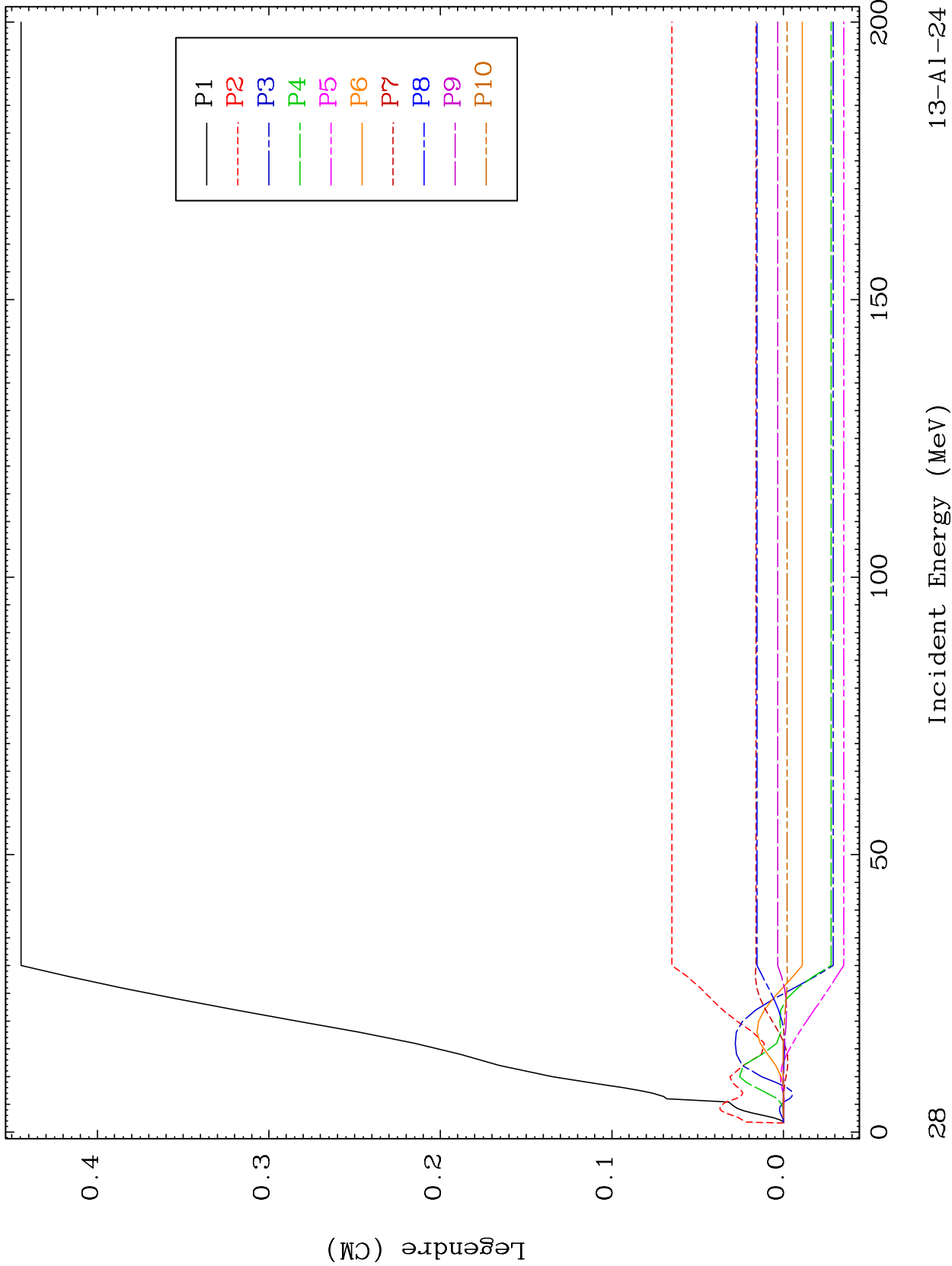




MAT 1316

1.563 MeV (n,n') Level
Legendre Coefficients

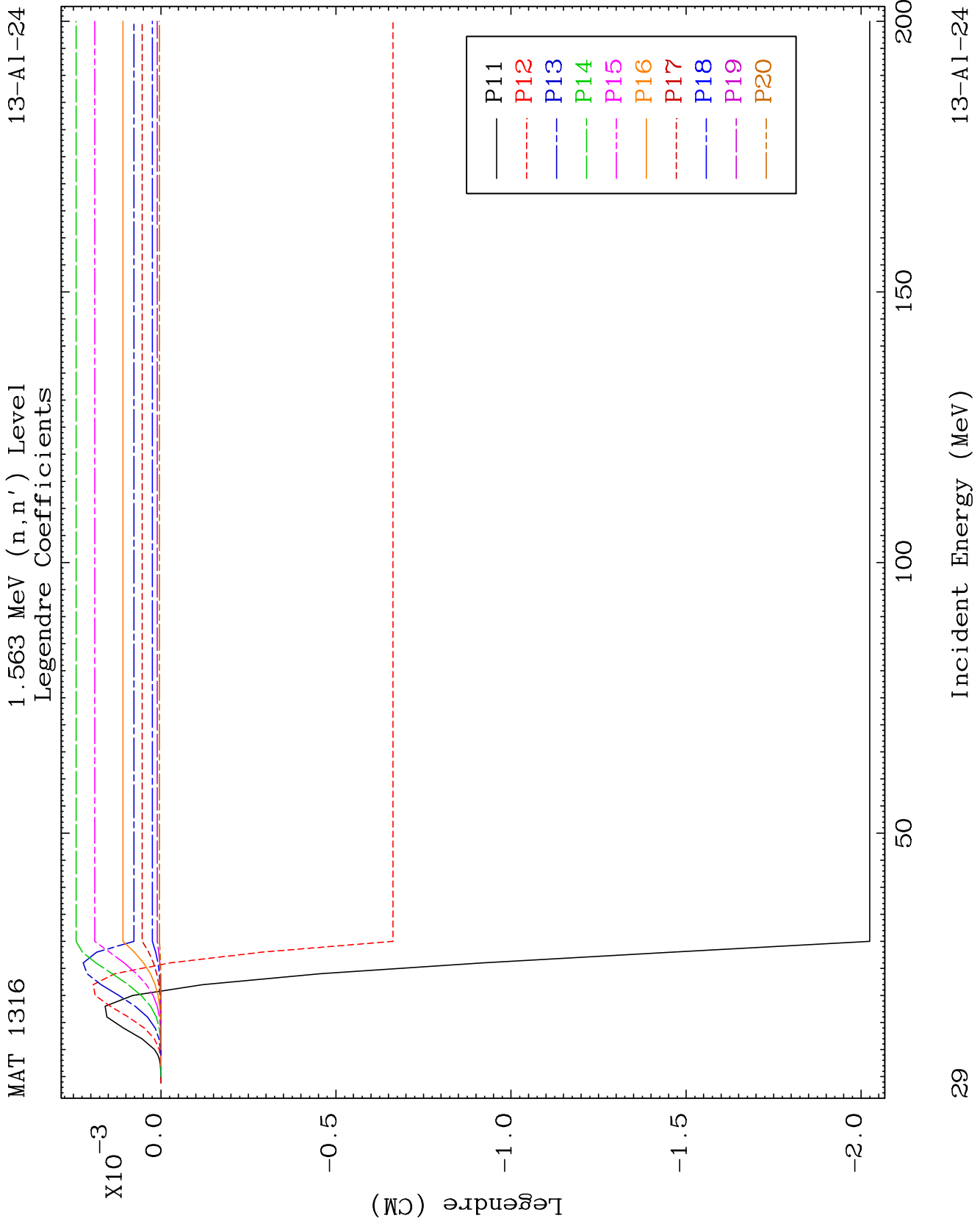
13-A1-24



13-A1-24

Incident Energy (MeV)

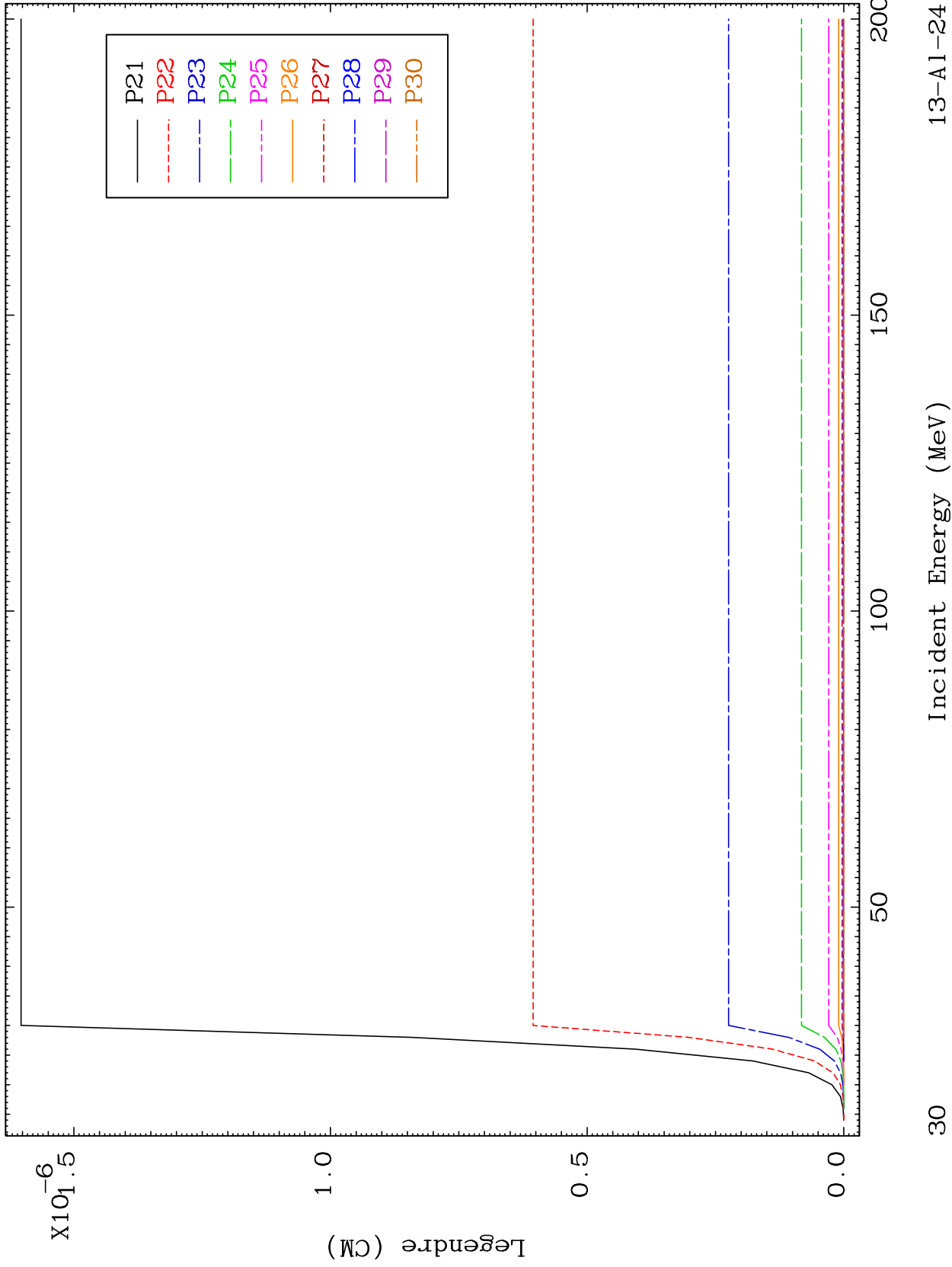
28



MAT 1316

1.563 MeV (n,n') Level
Legendre Coefficients

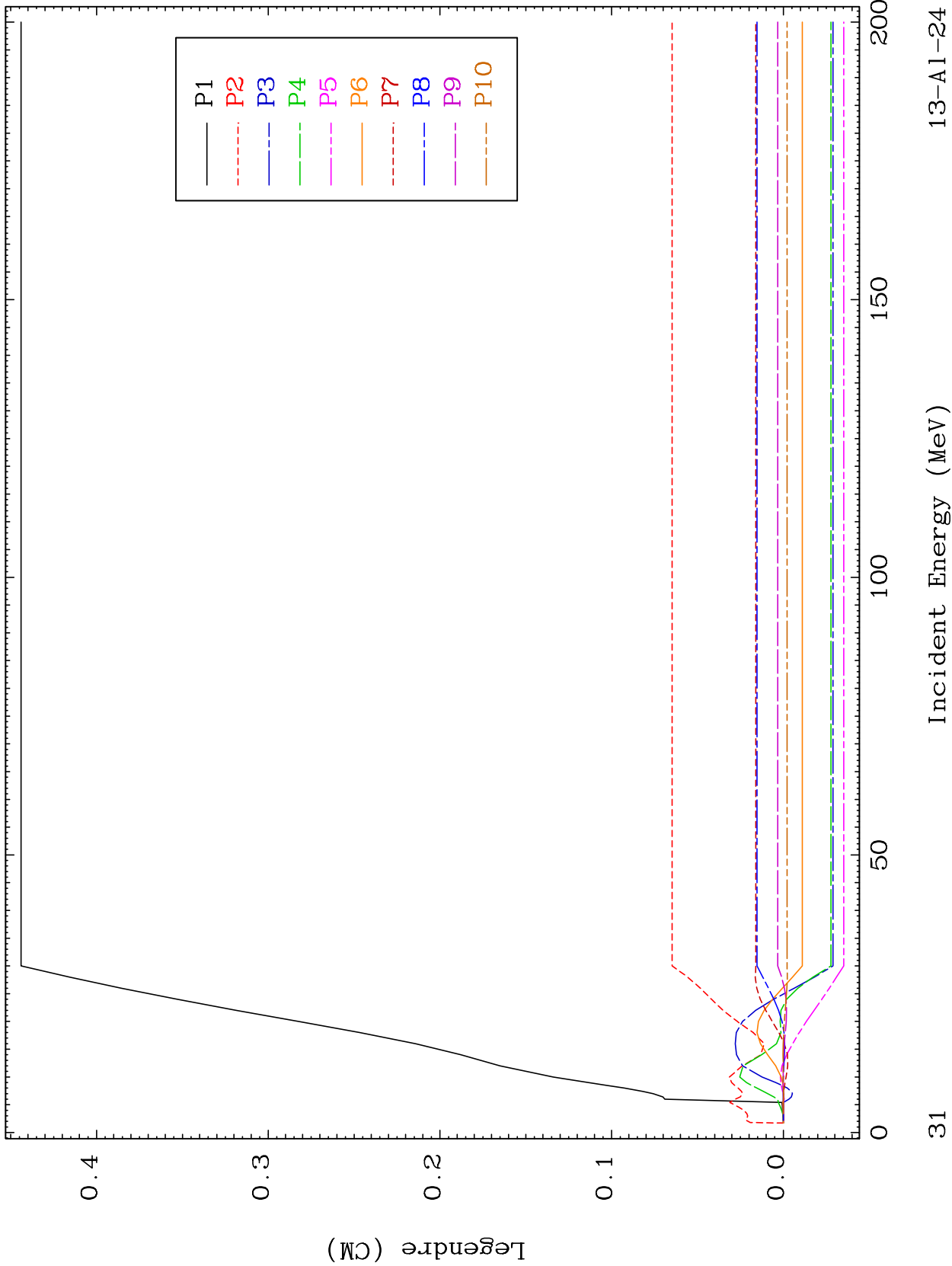
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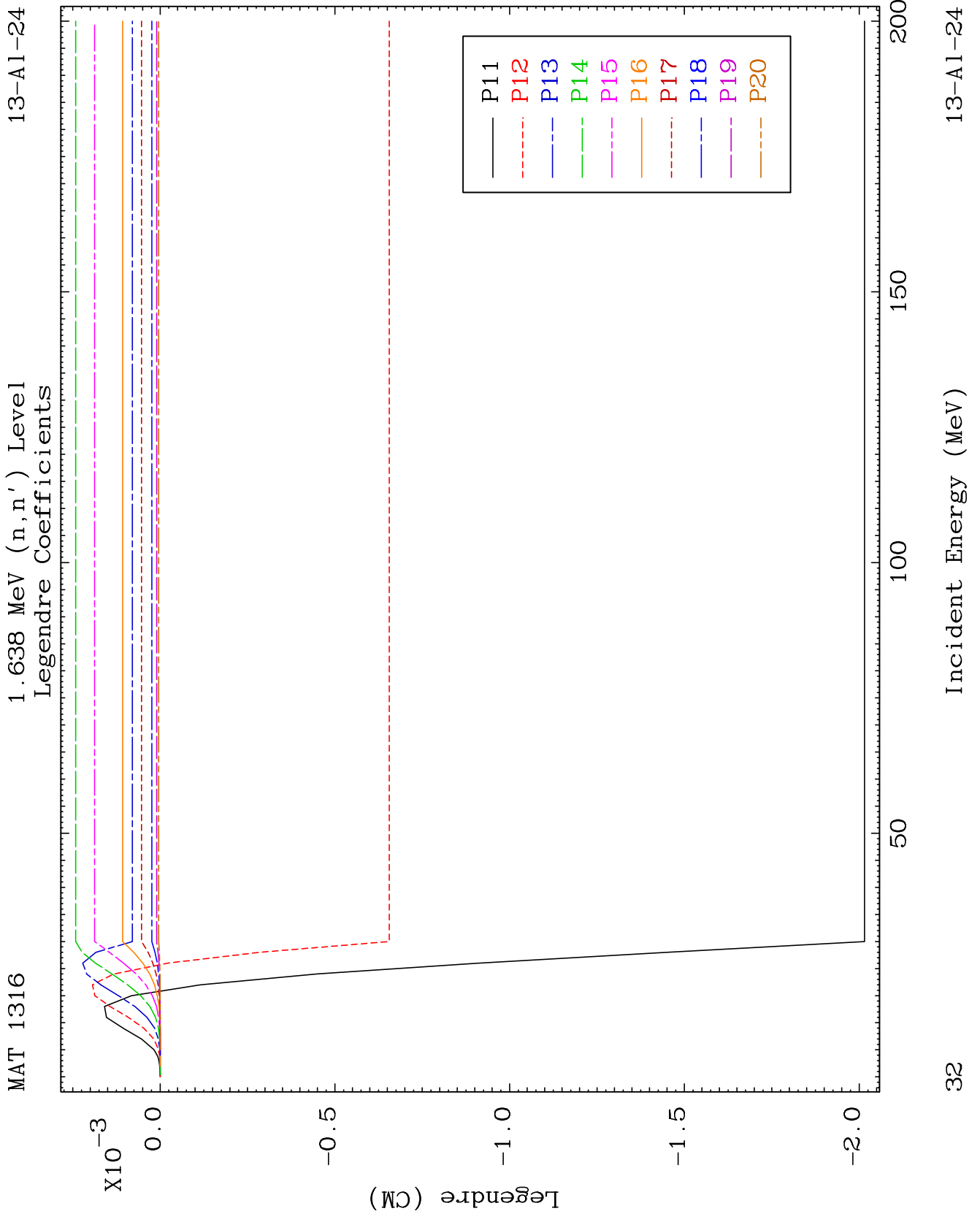


MAT 1316

1.638 MeV (n,n') Level
Legendre Coefficients

13-A1-24

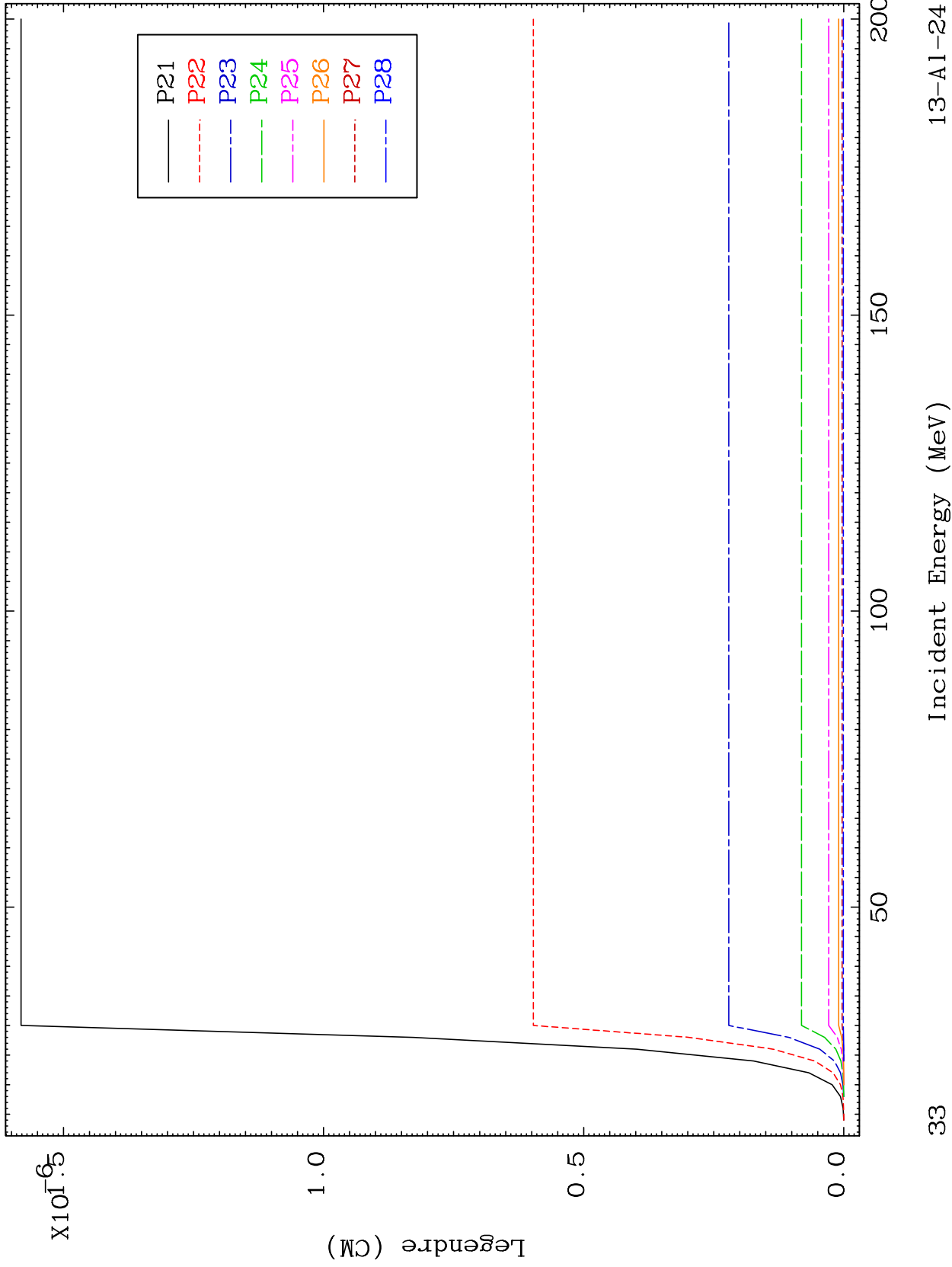


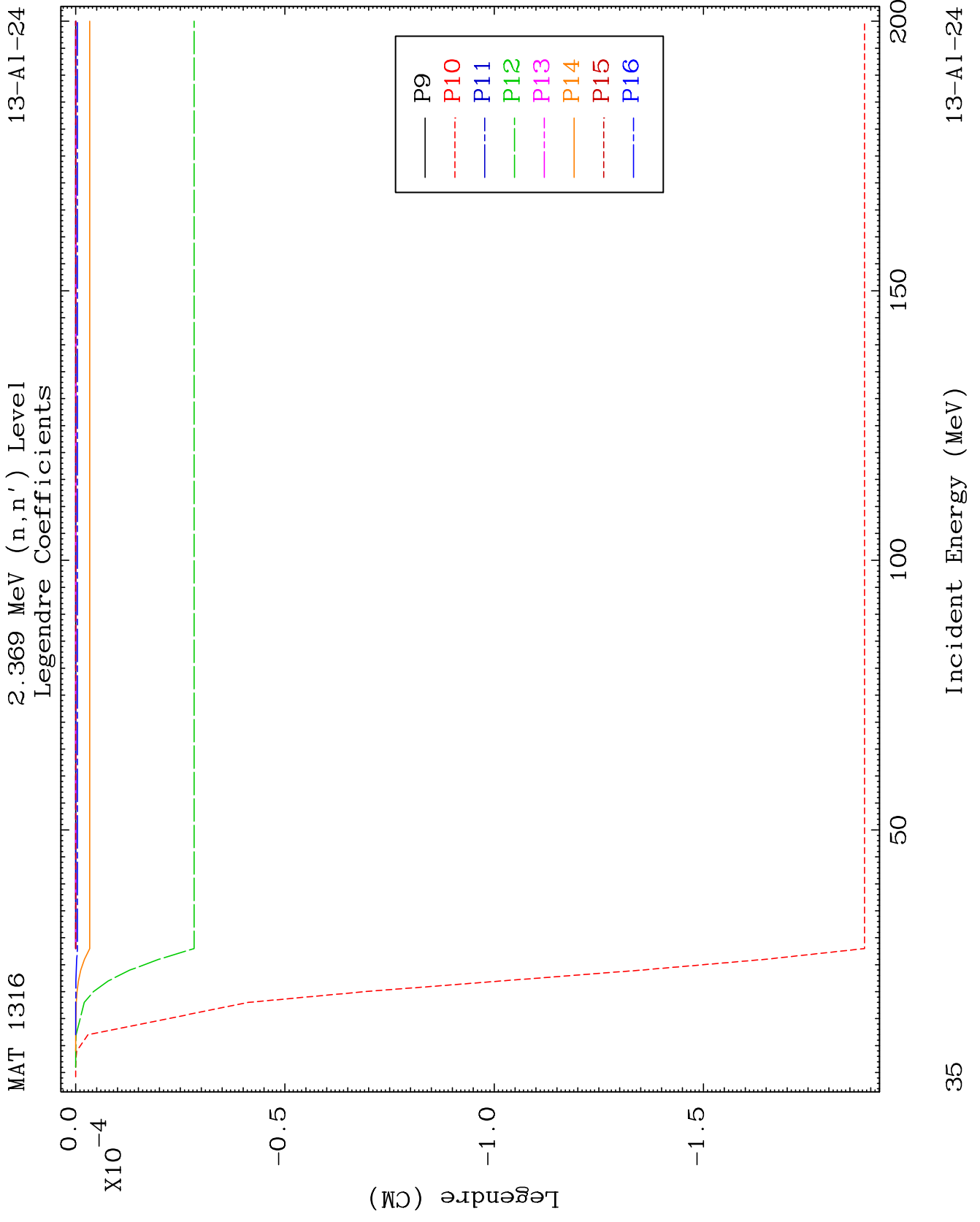


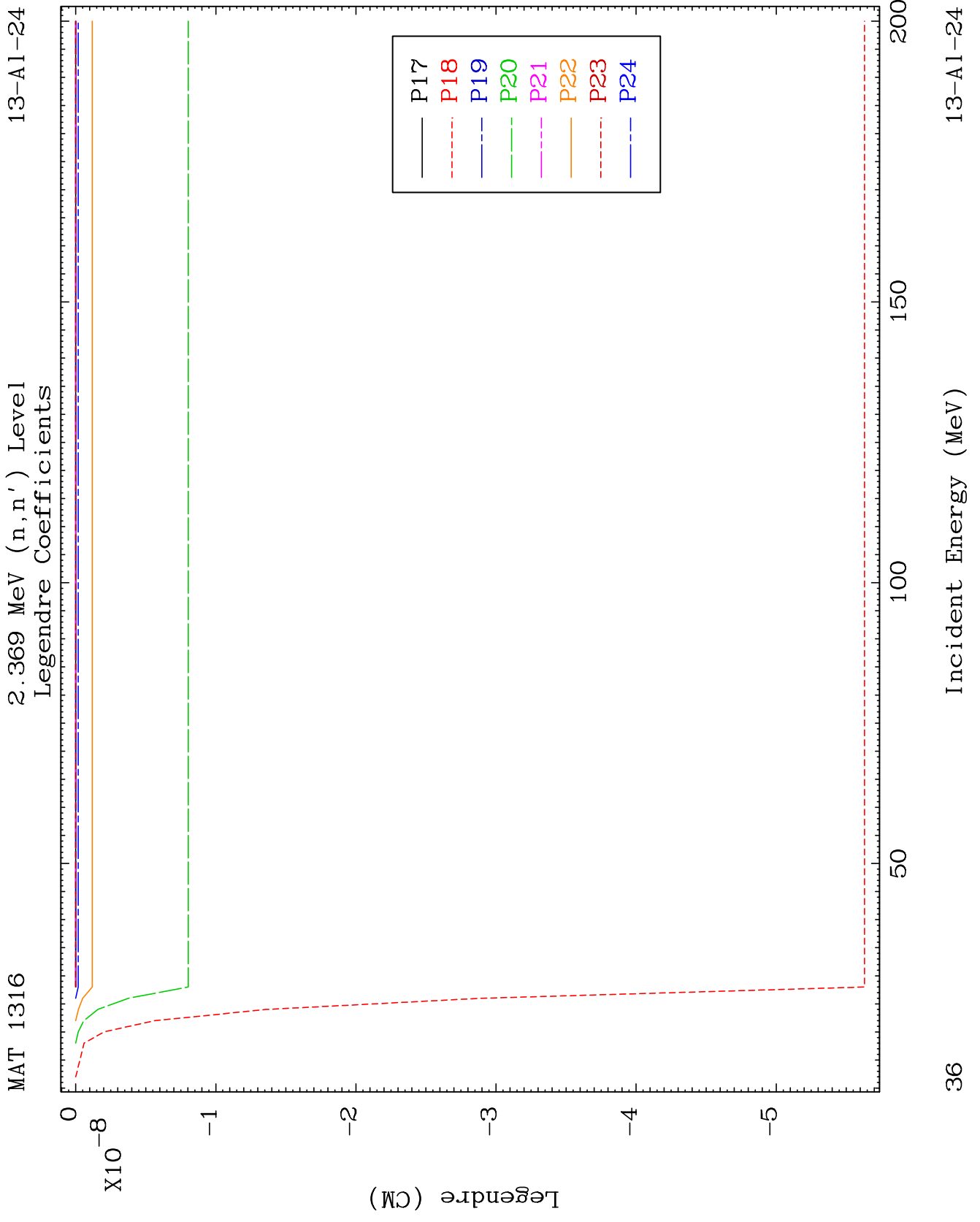
MAT 1316

1.638 MeV (n,n') Level
Legendre Coefficients

13-A1-24



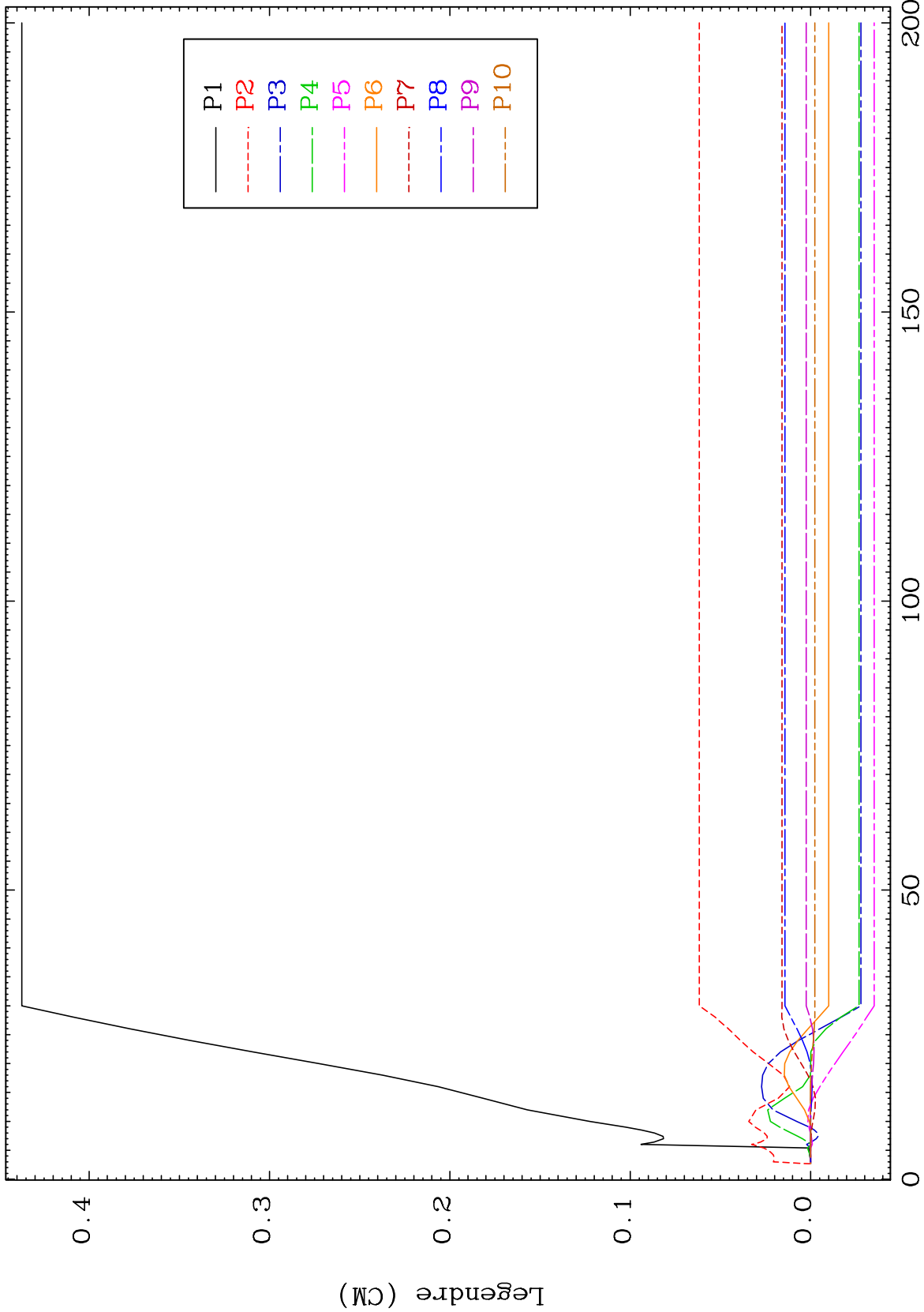




MAT 1316

2.546 MeV (n,n') Level
Legendre Coefficients

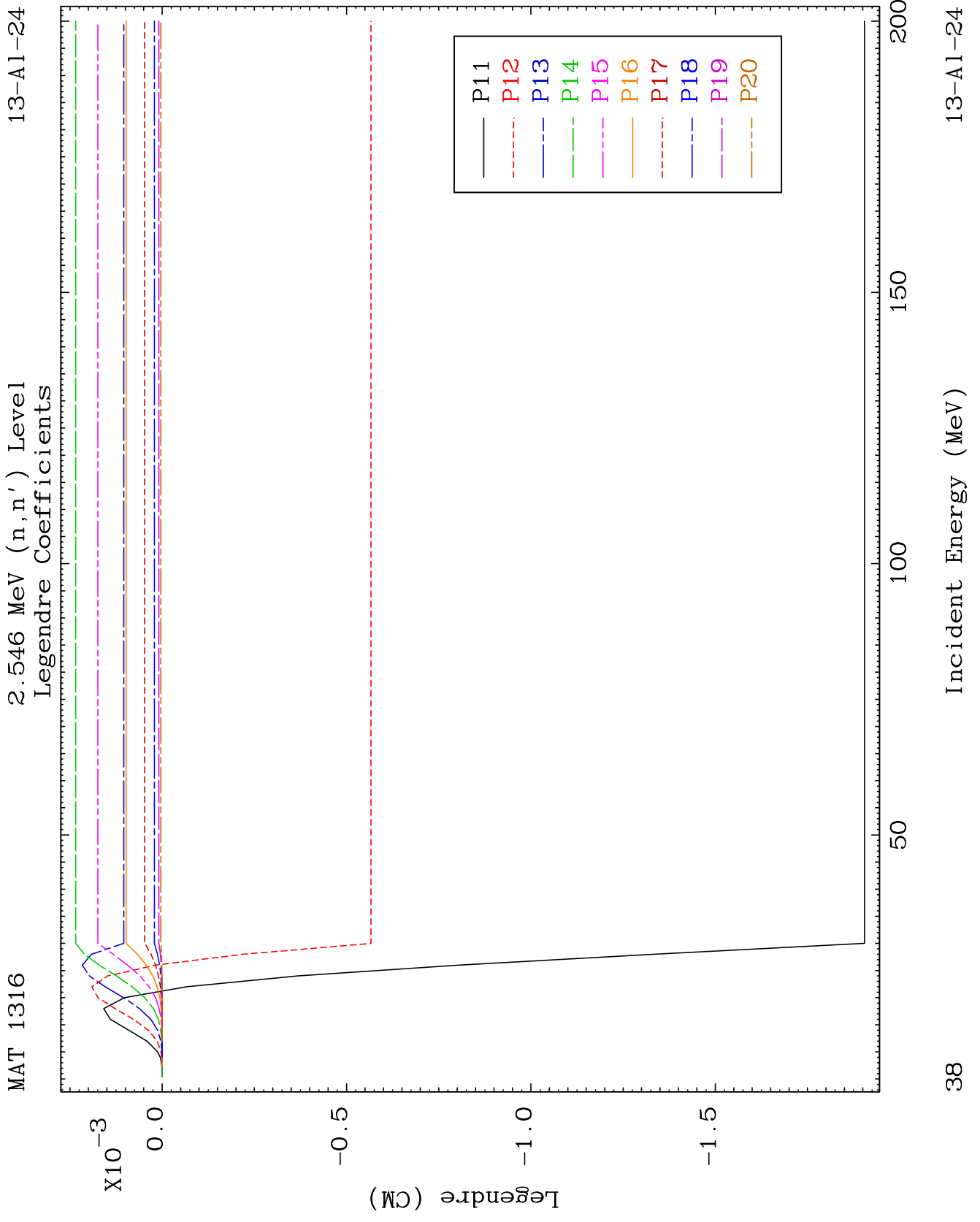
13-Al-24



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Incident Energy (MeV)

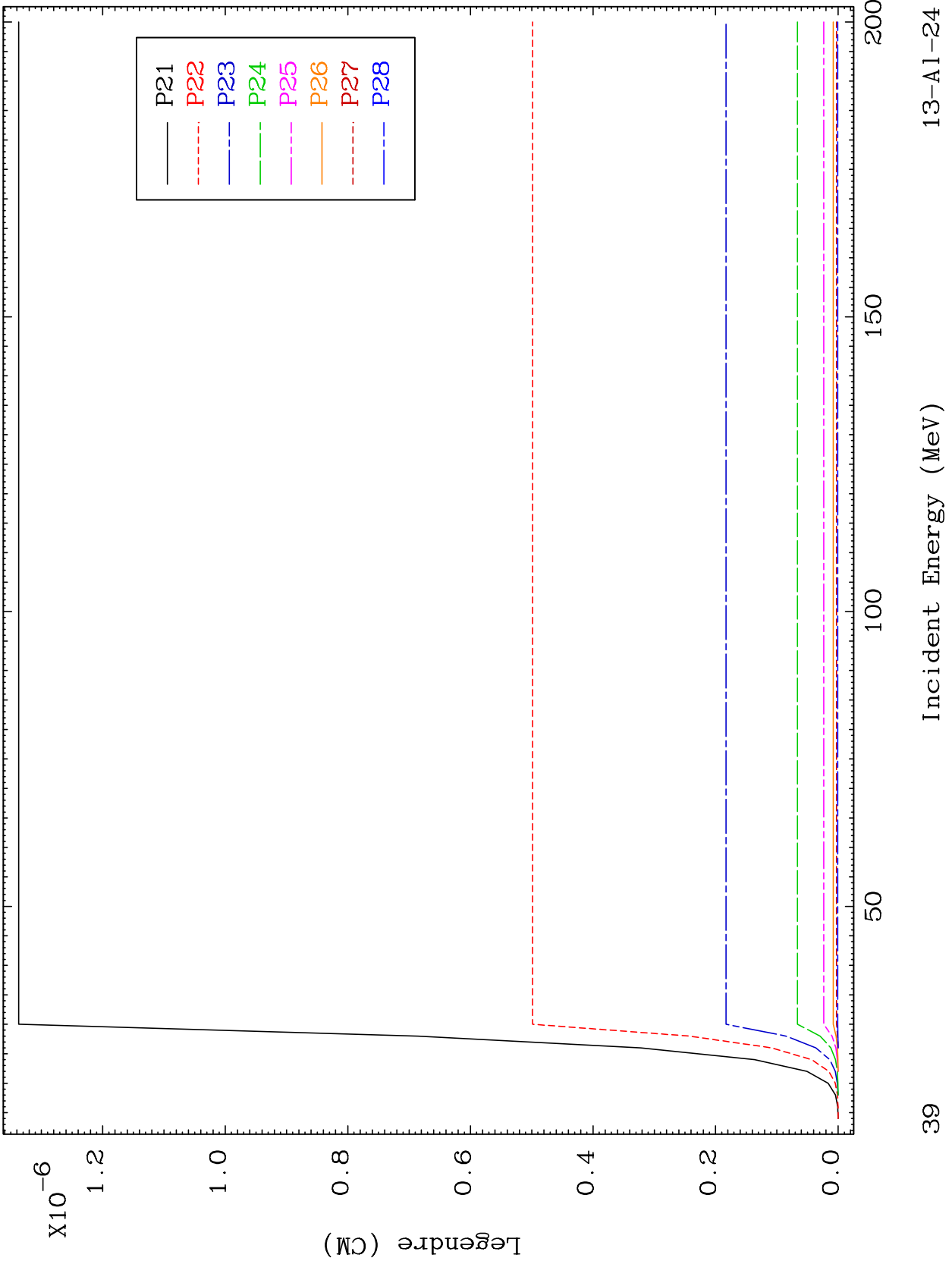
13-Al-24



MAT 1316

2.546 MeV (n,n') Level
Legendre Coefficients

13-Al-24



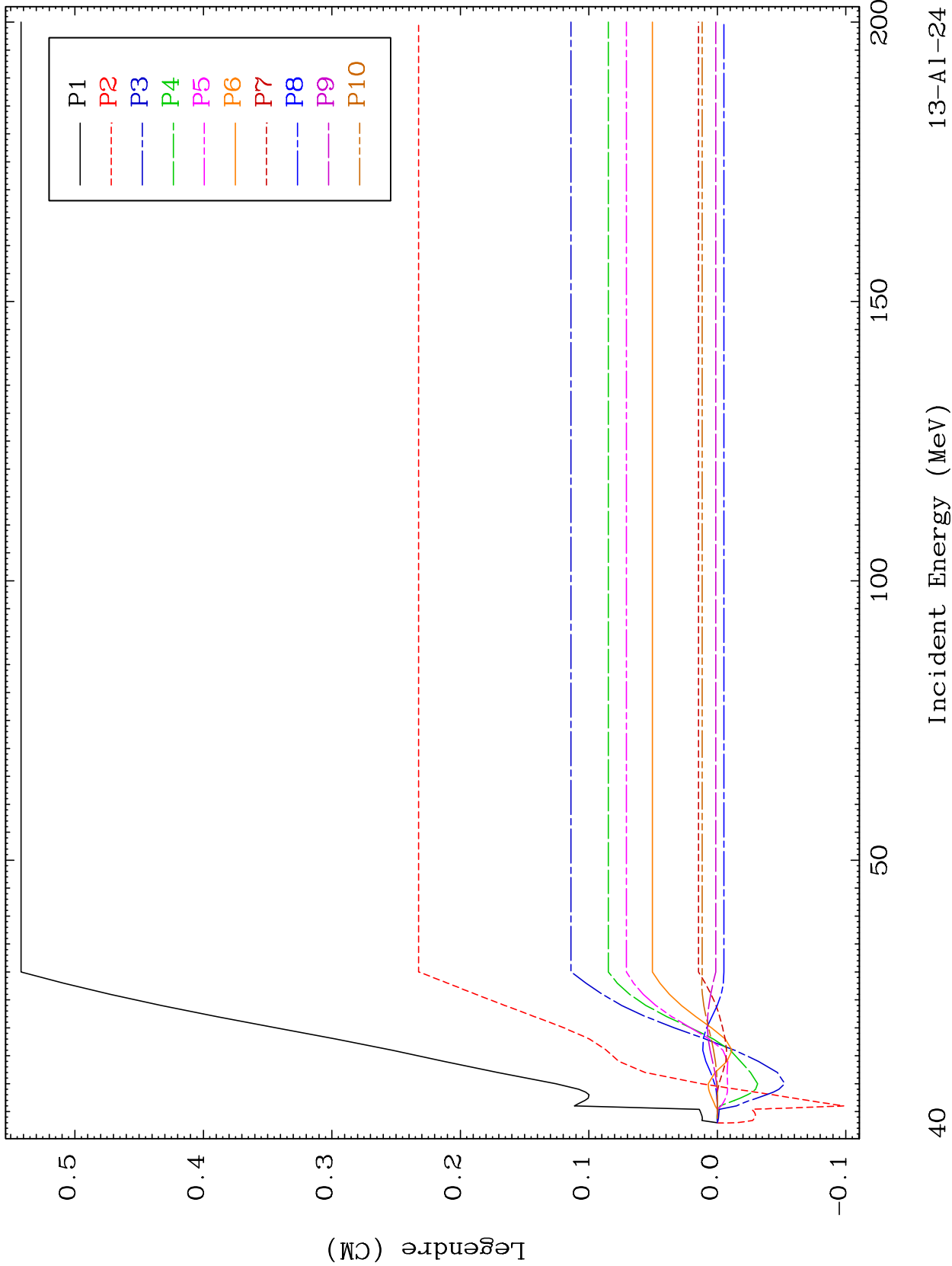
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13-Al-24

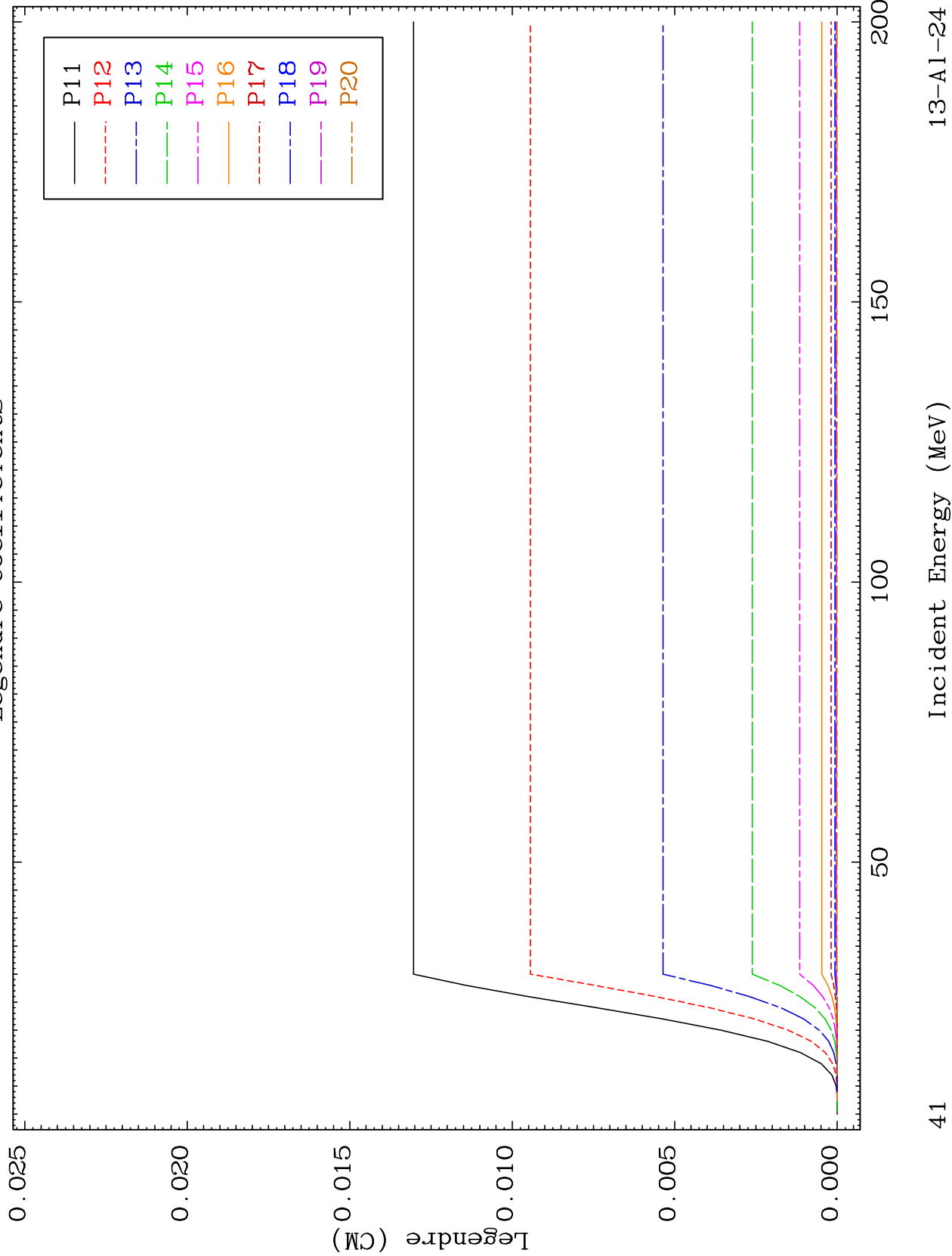
MAT 1316

2.832 MeV (n,n') Level
Legendre Coefficients

13-A1-24



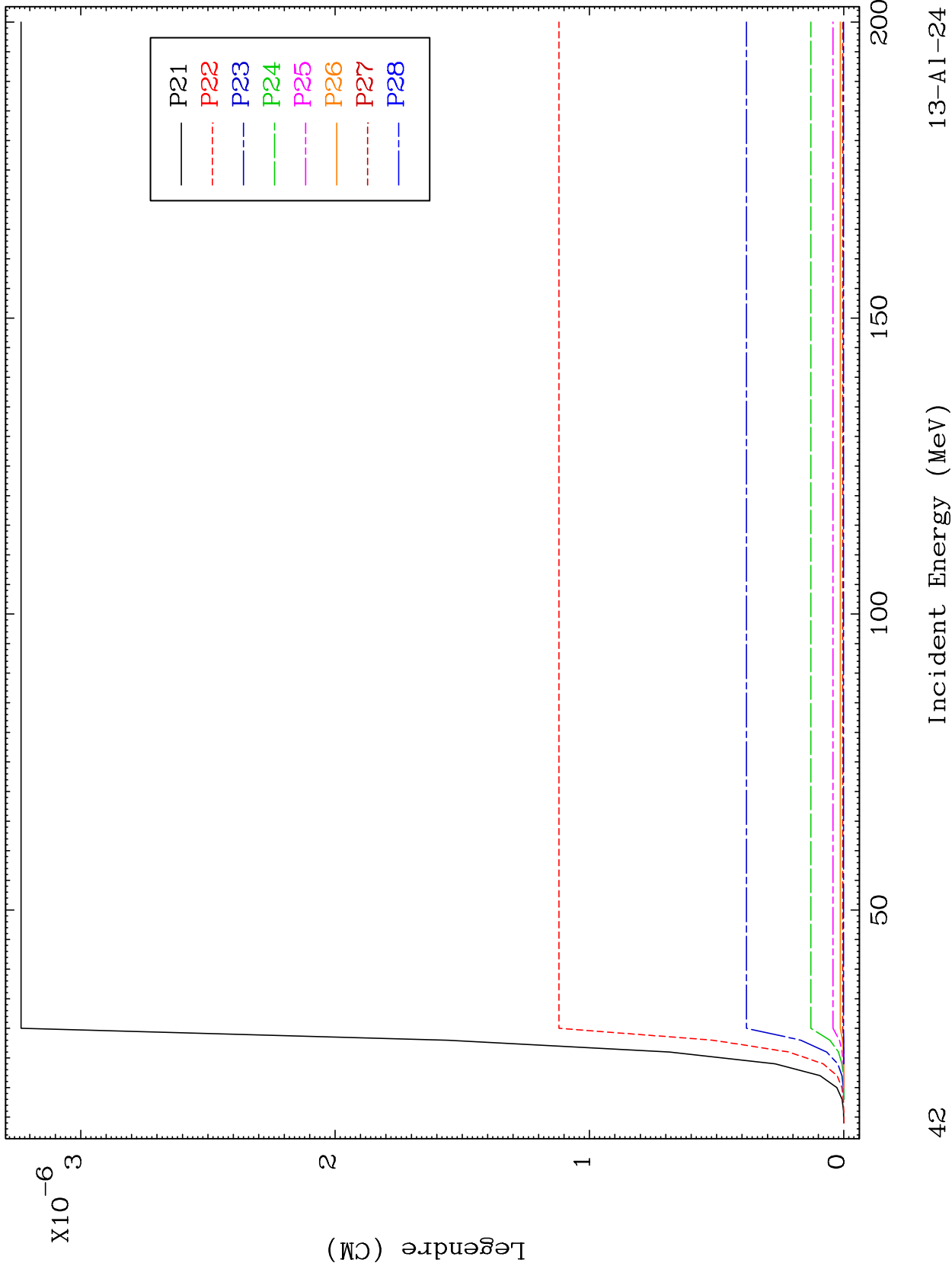
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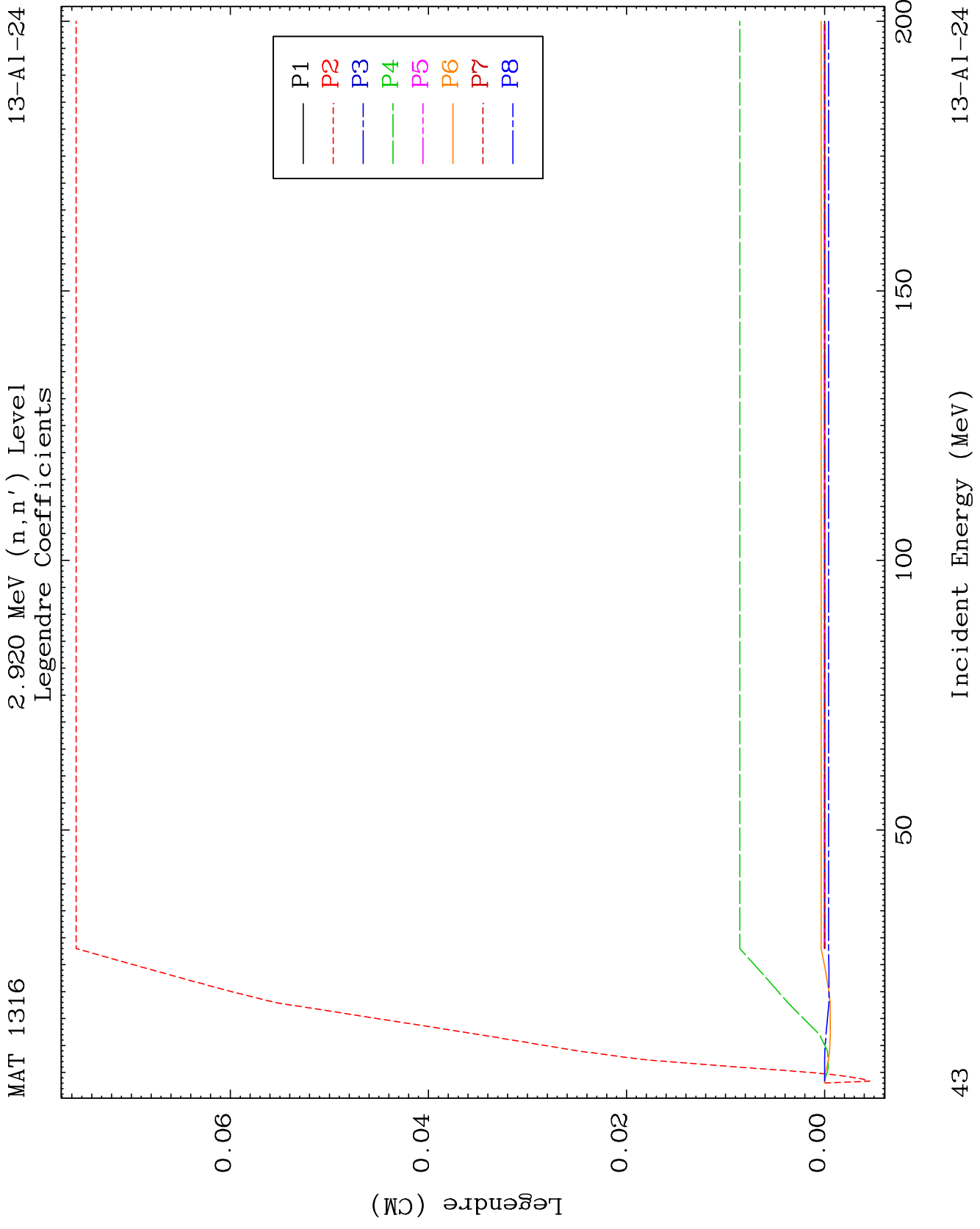


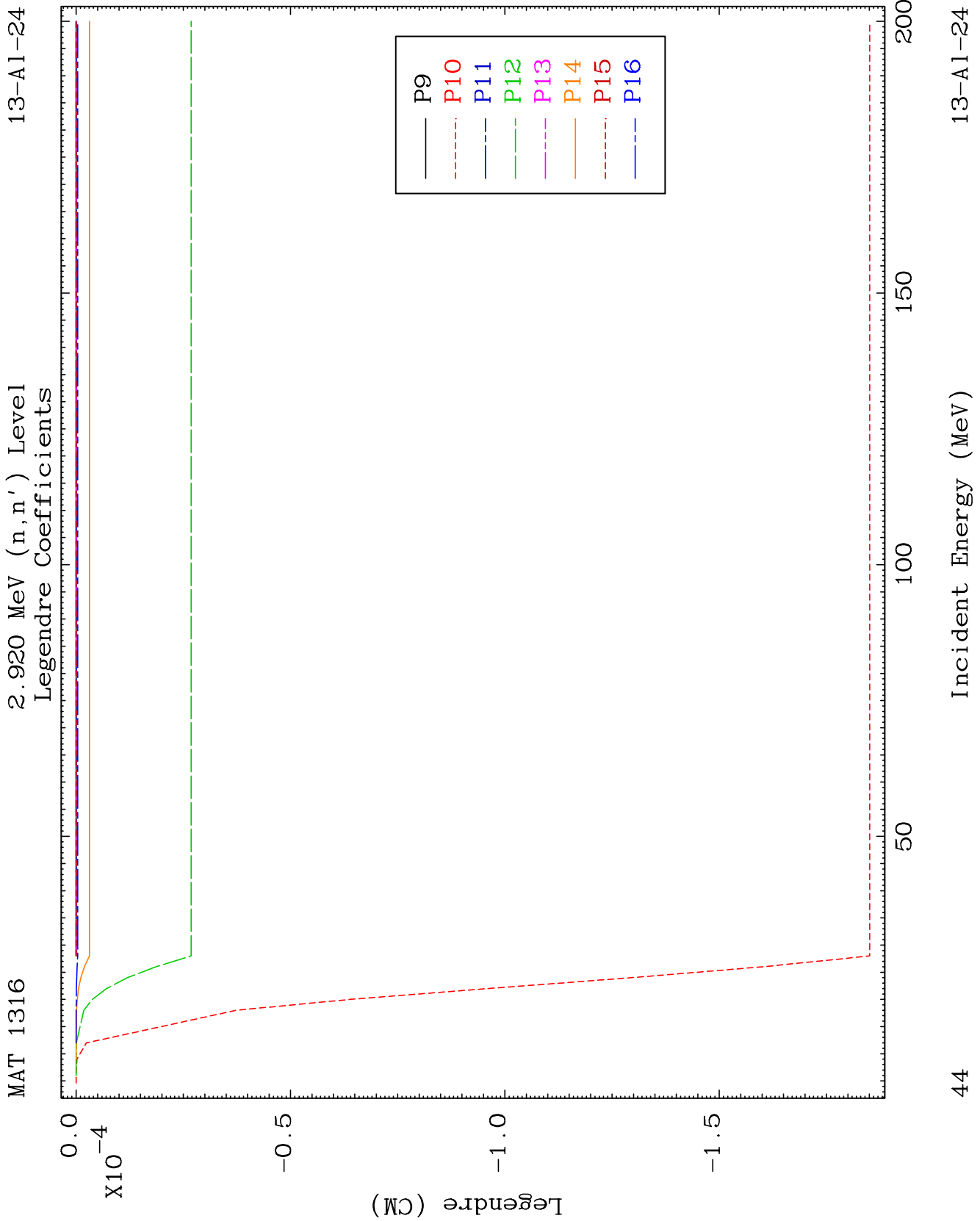
MAT 1316

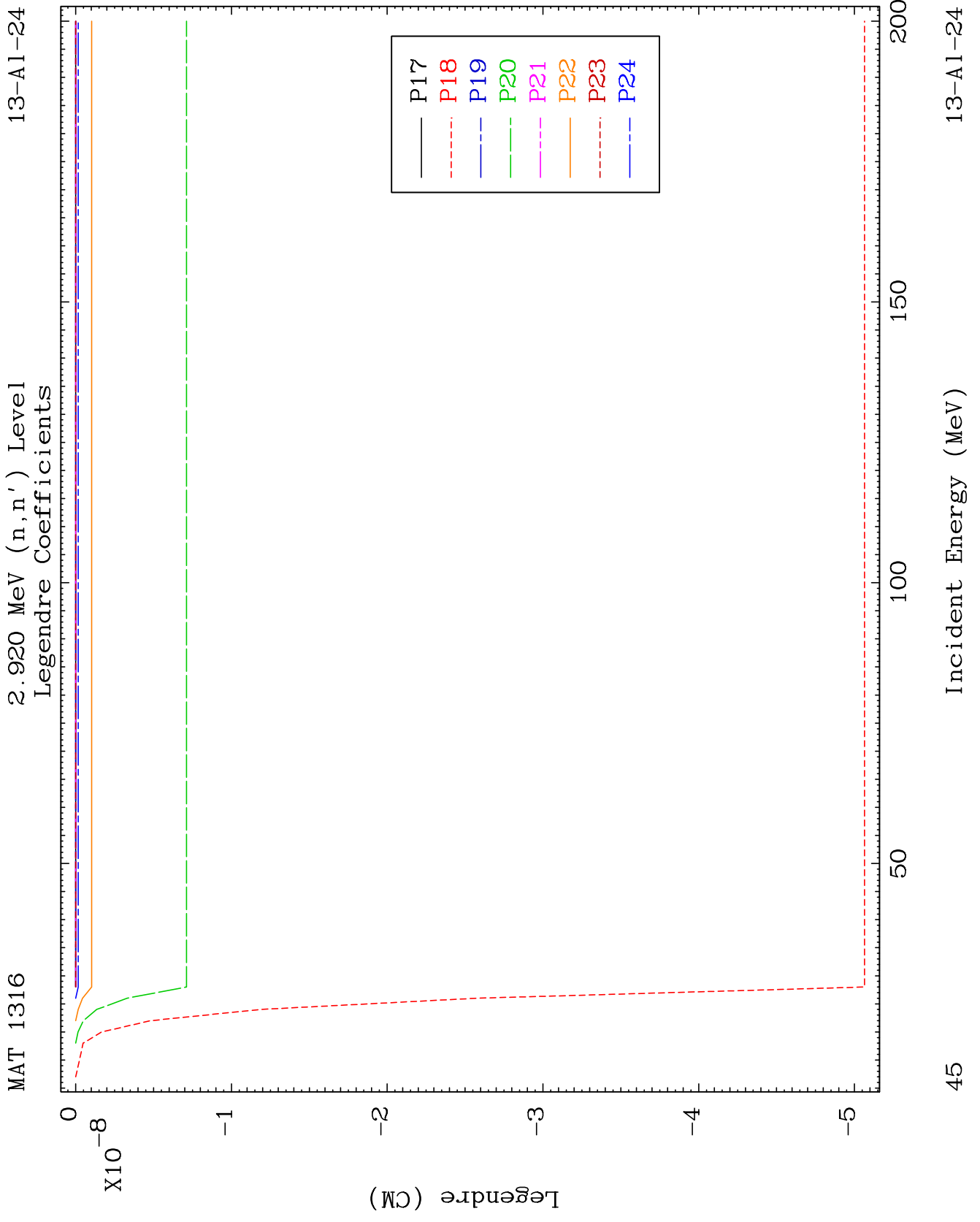
2.832 MeV (n,n') Level
Legendre Coefficients

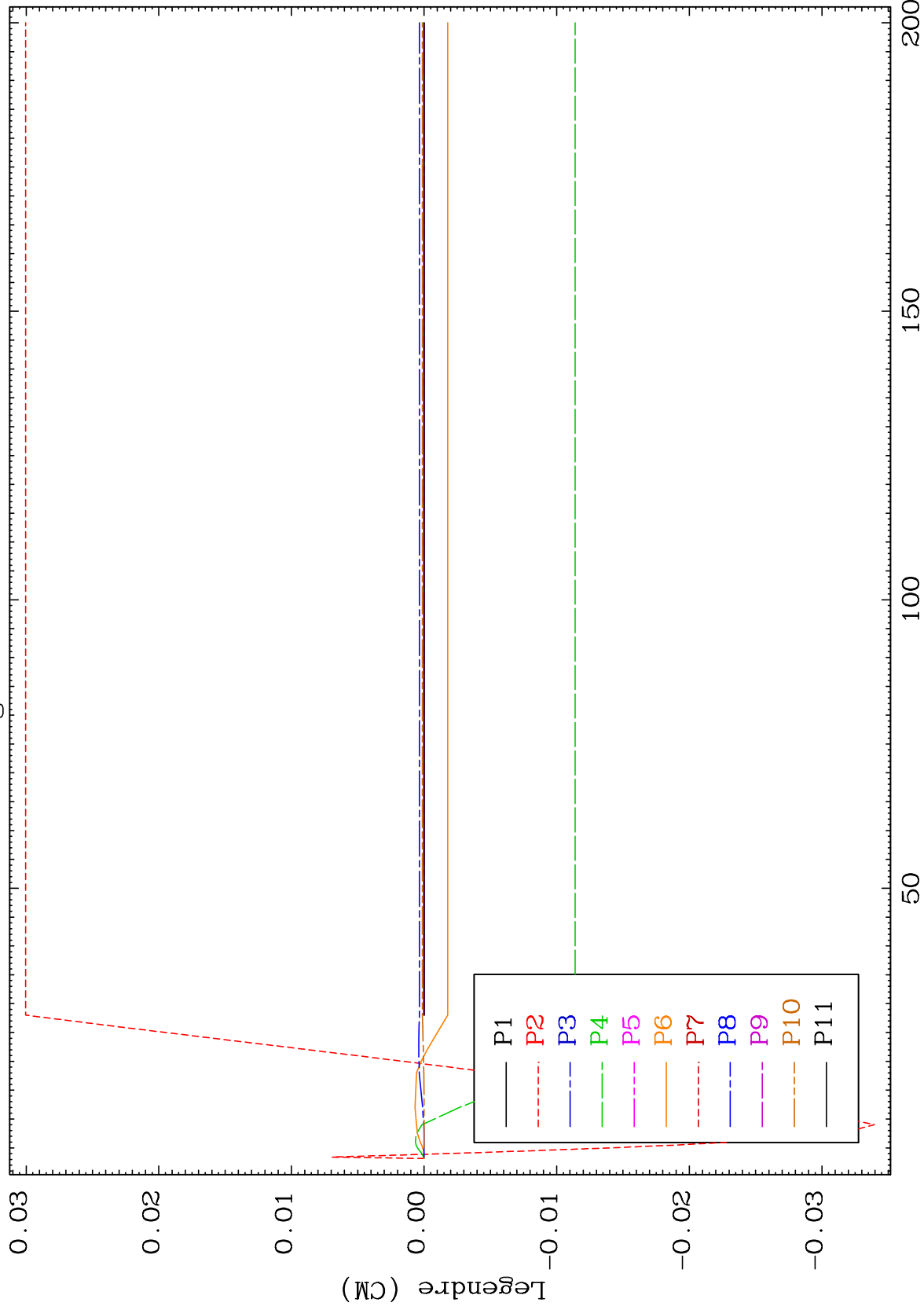
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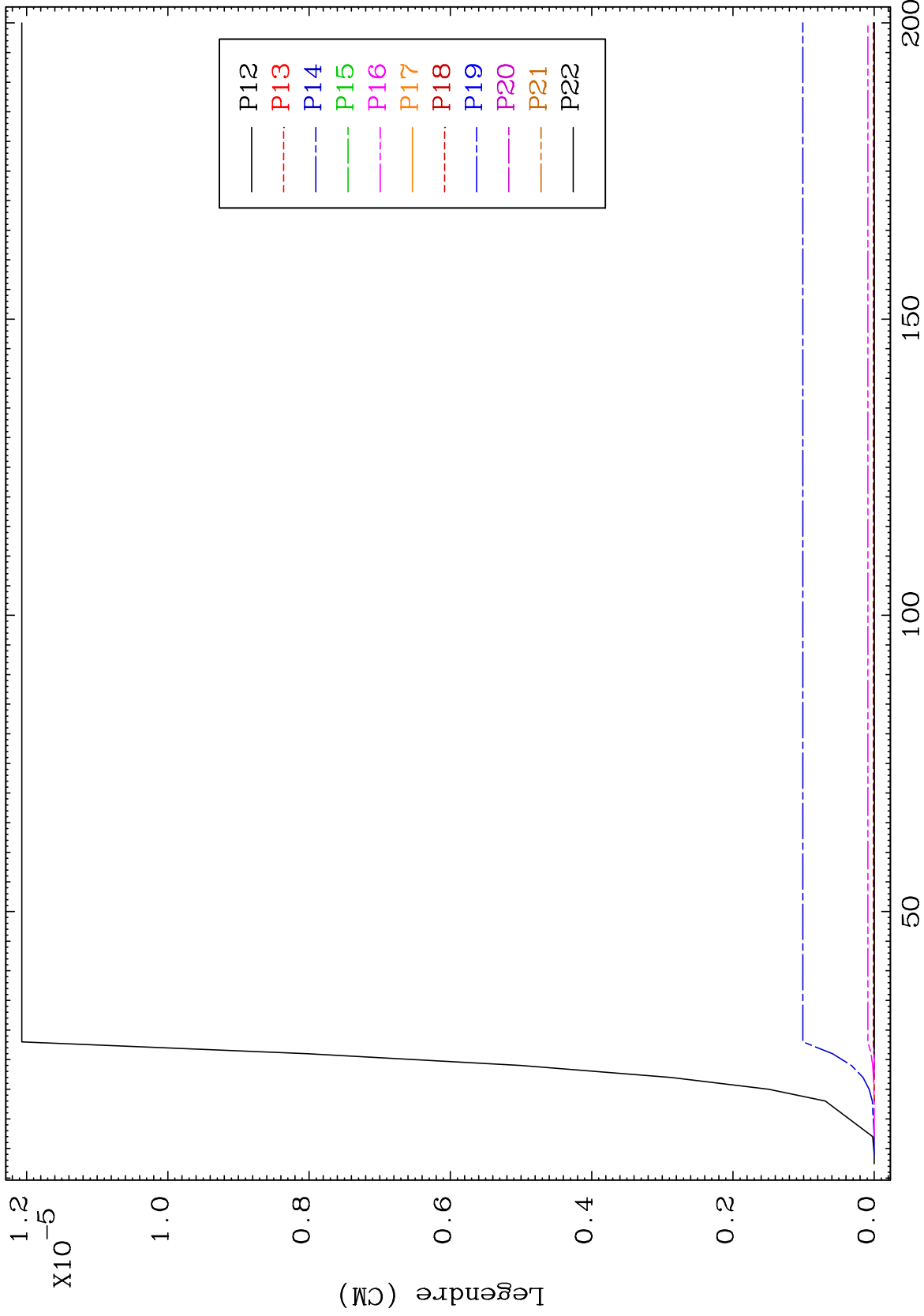








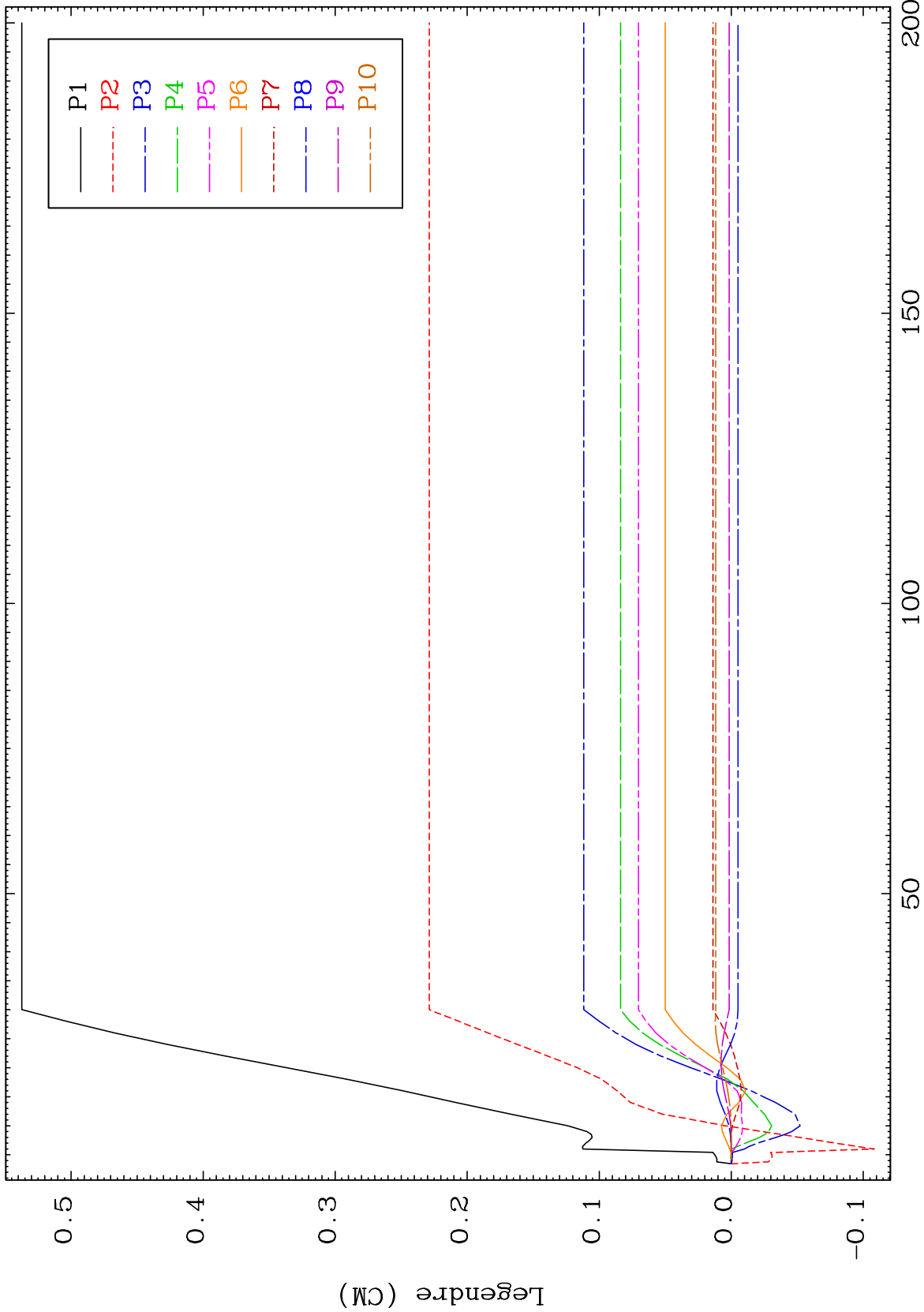




MAT 1316

3.306 MeV (n,n') Level
Legendre Coefficients

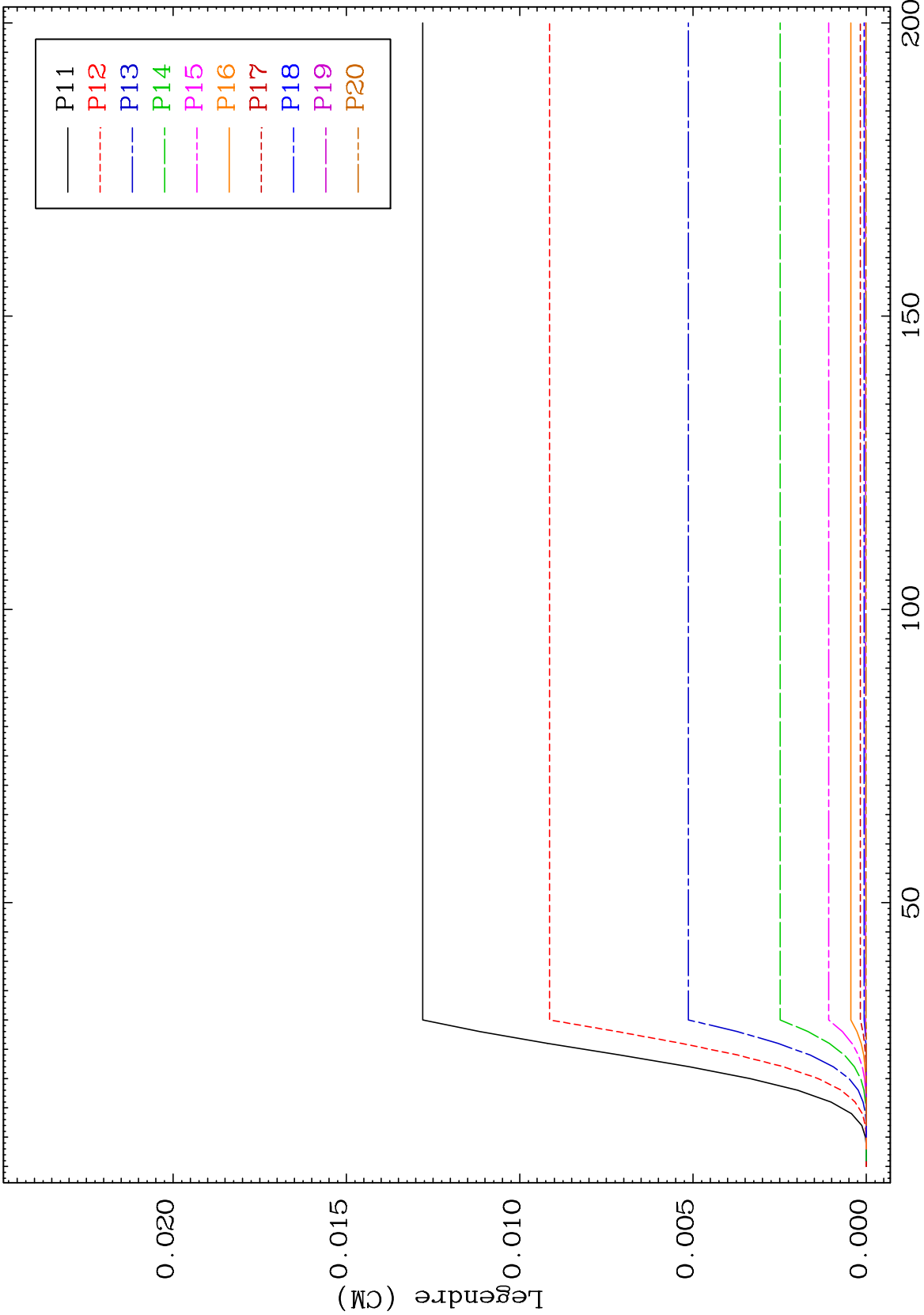
13-Al-24



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Incident Energy (MeV)

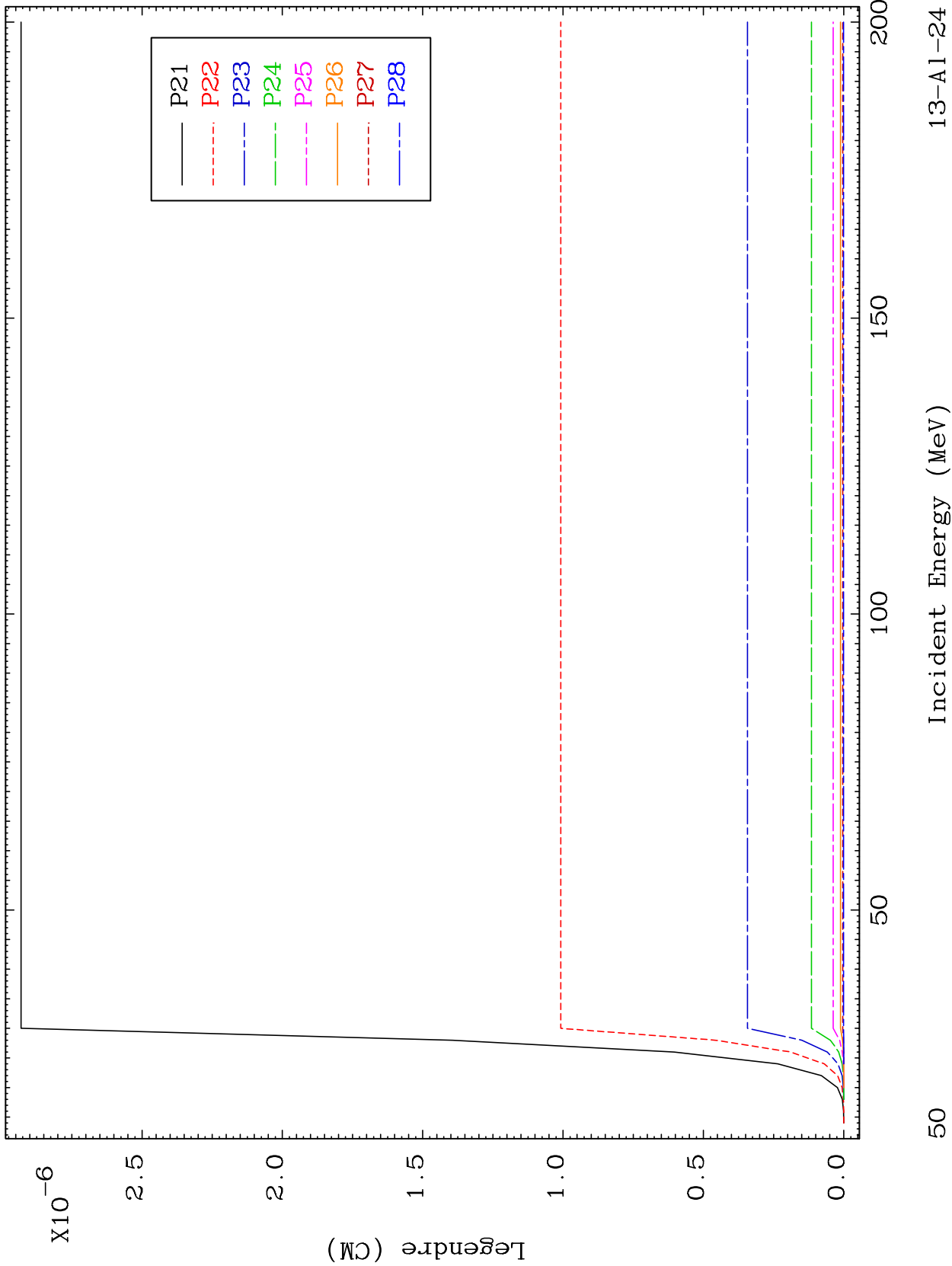
13-Al-24



MAT 1316

3.306 MeV (n,n') Level
Legendre Coefficients

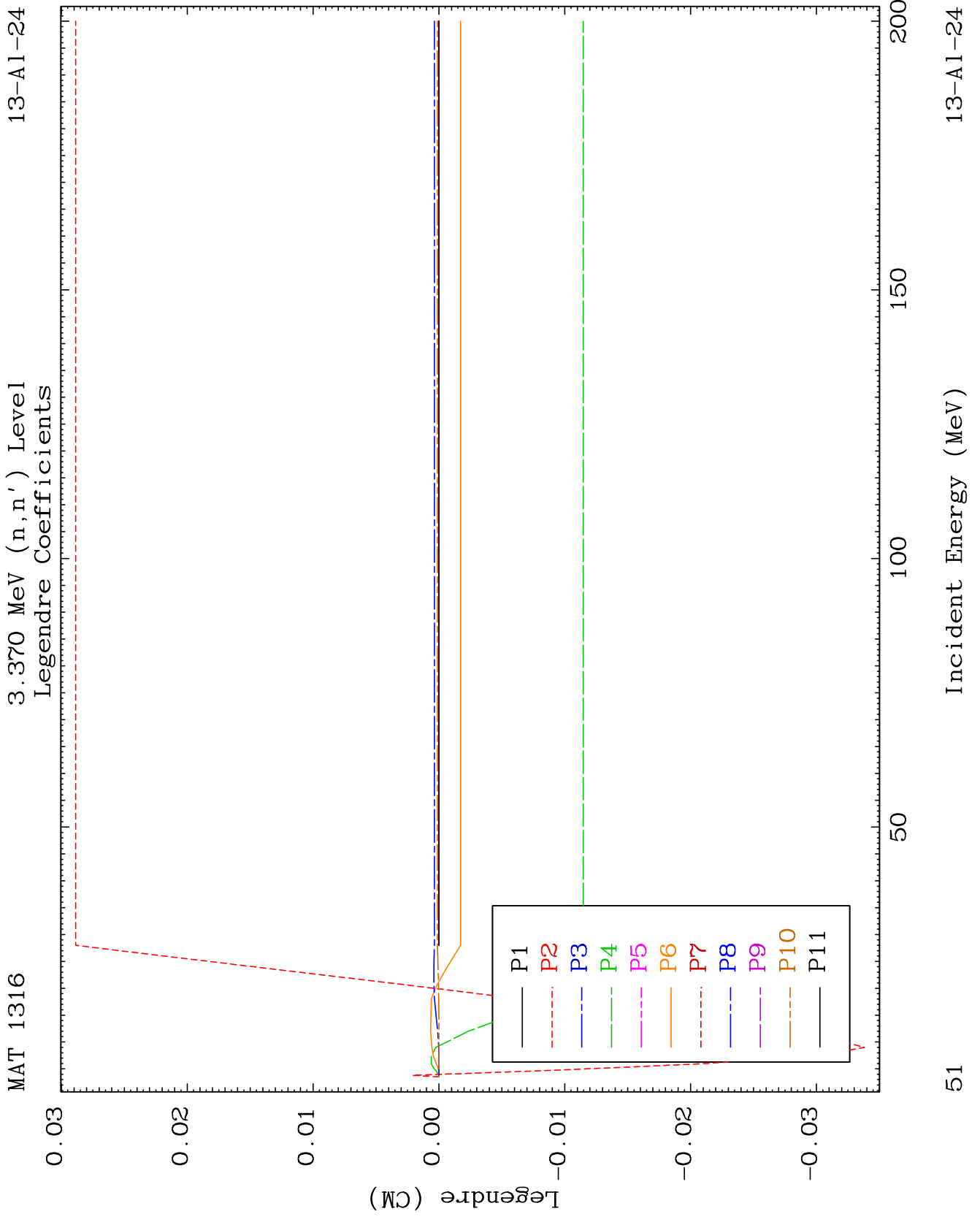
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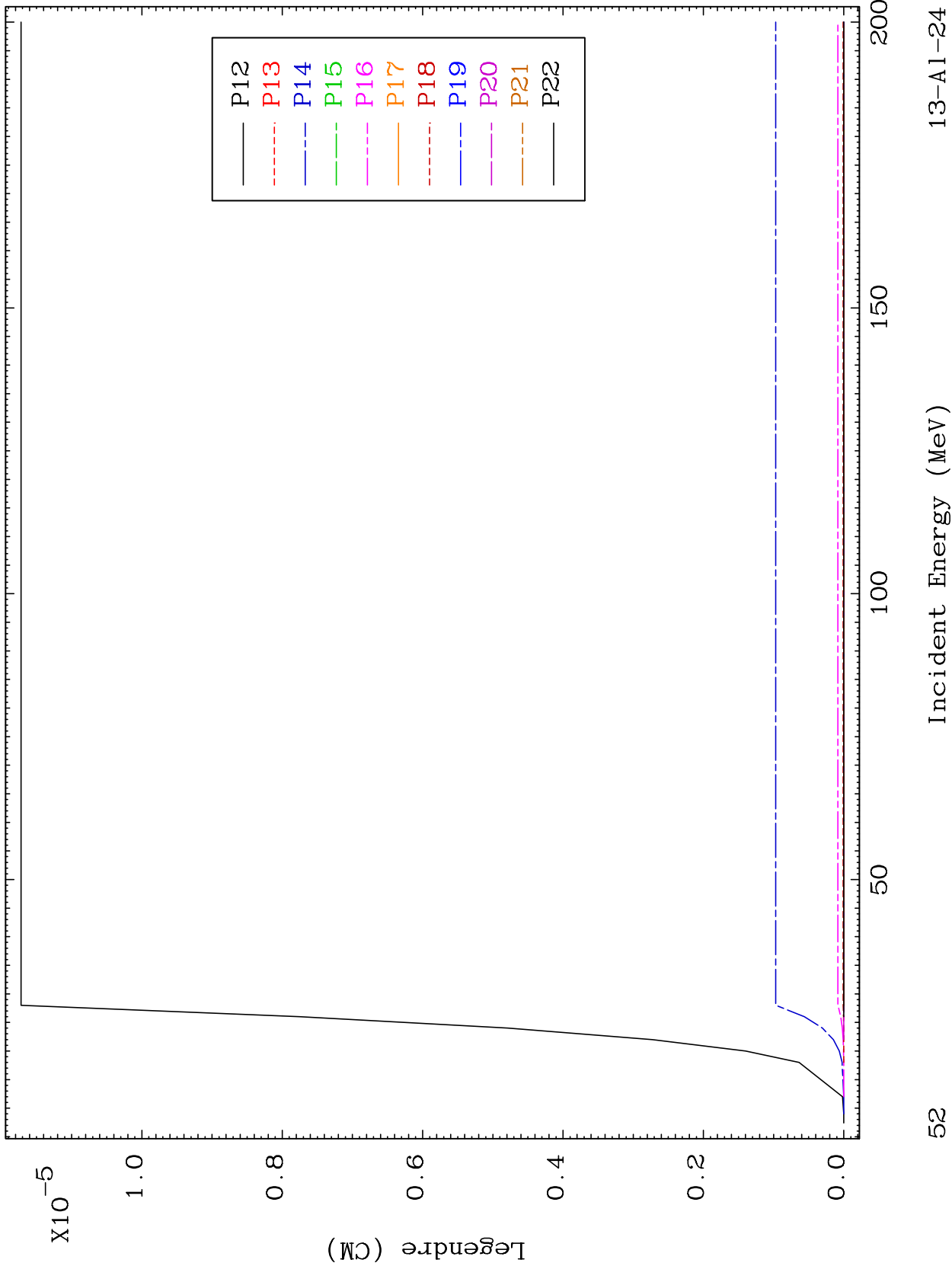


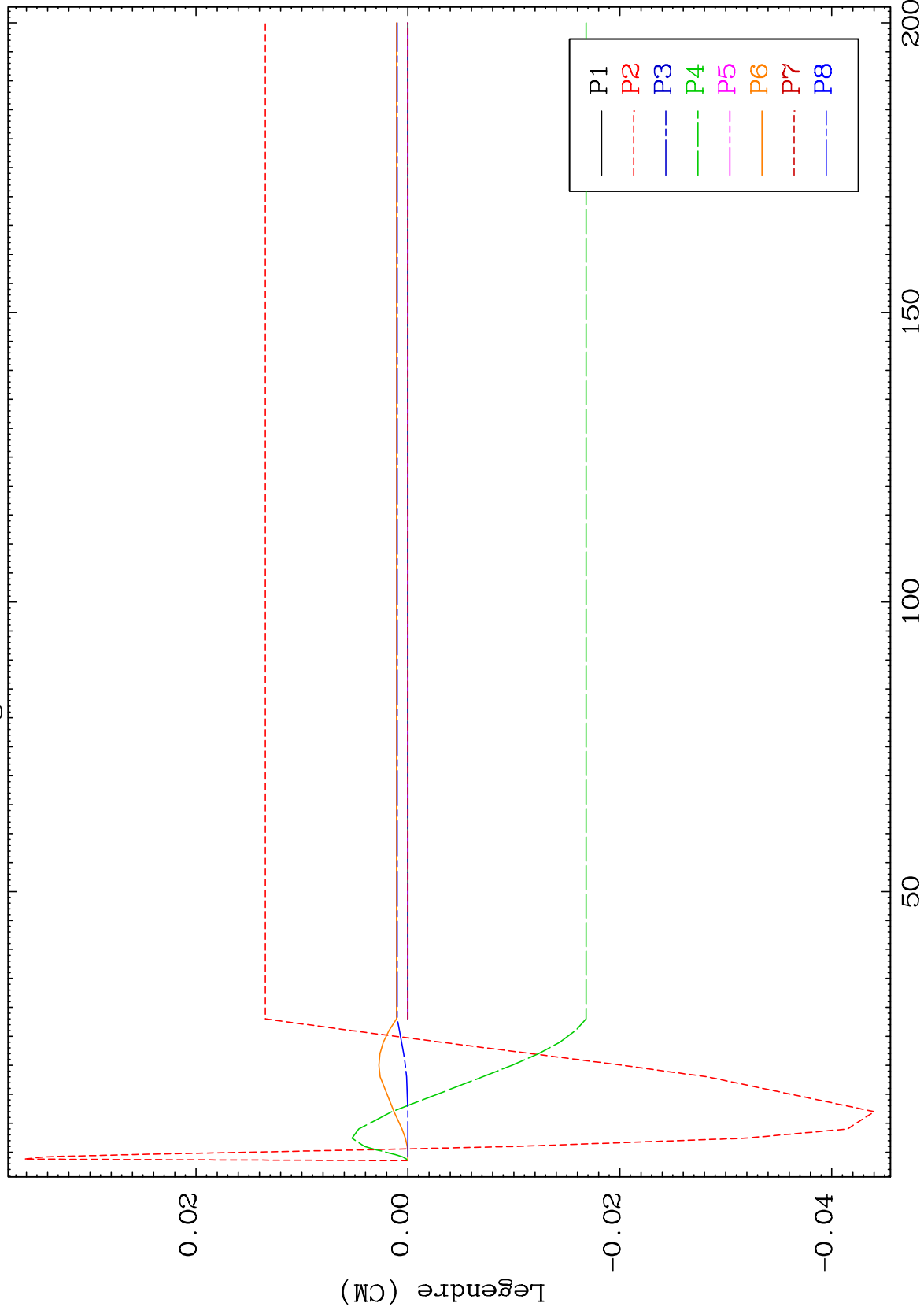
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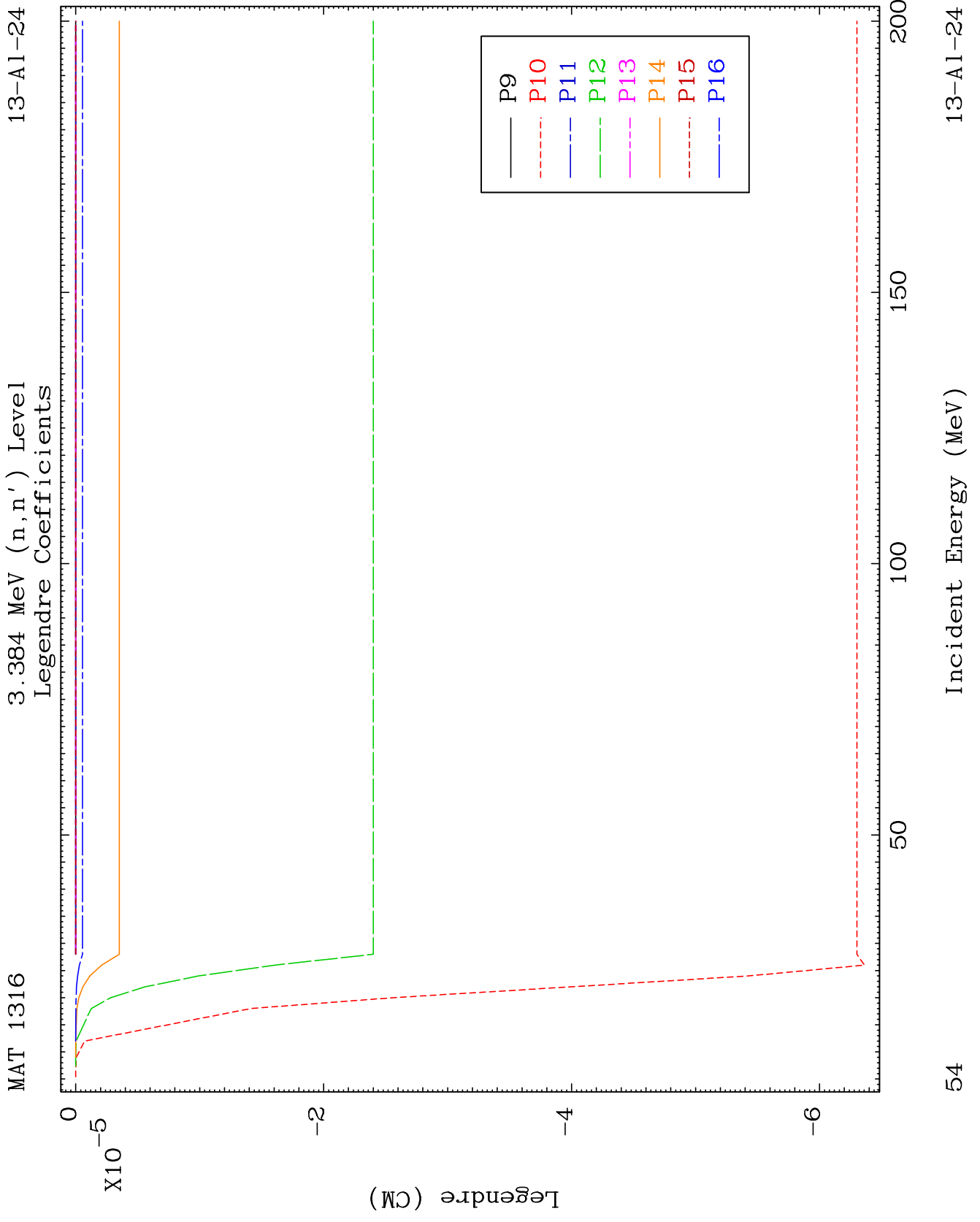
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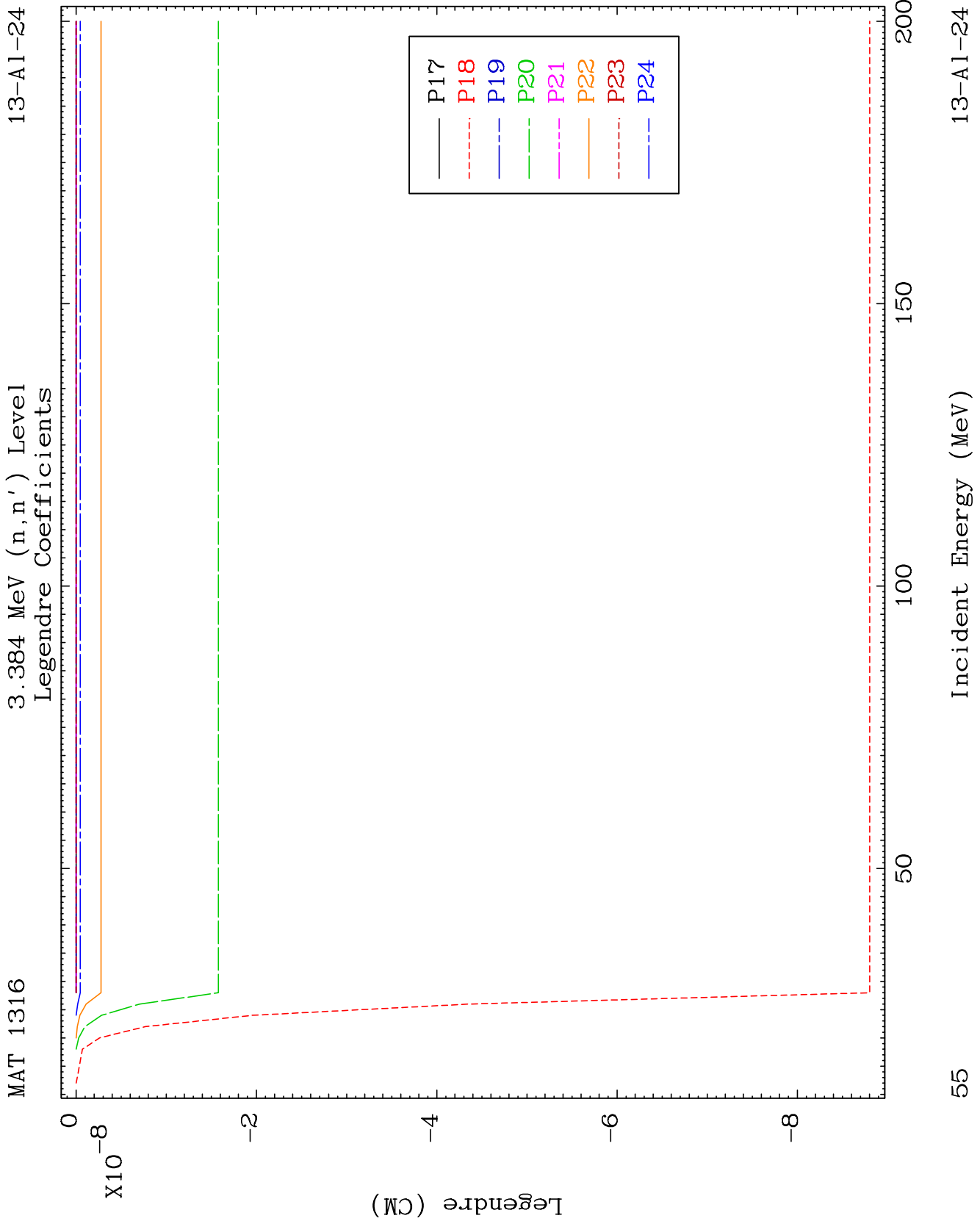
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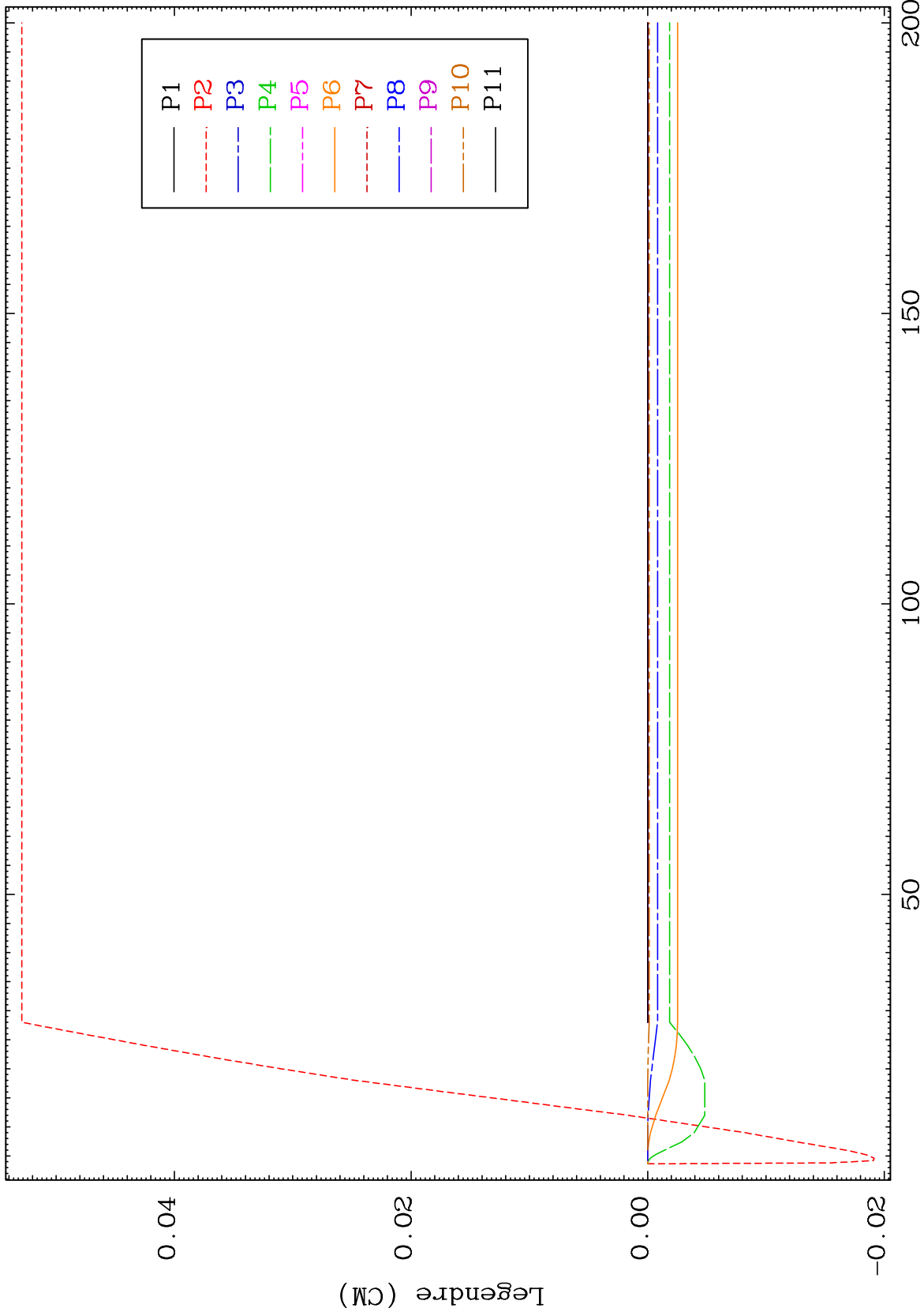




MAT 1316

3.492 MeV (n,n') Level
Legendre Coefficients

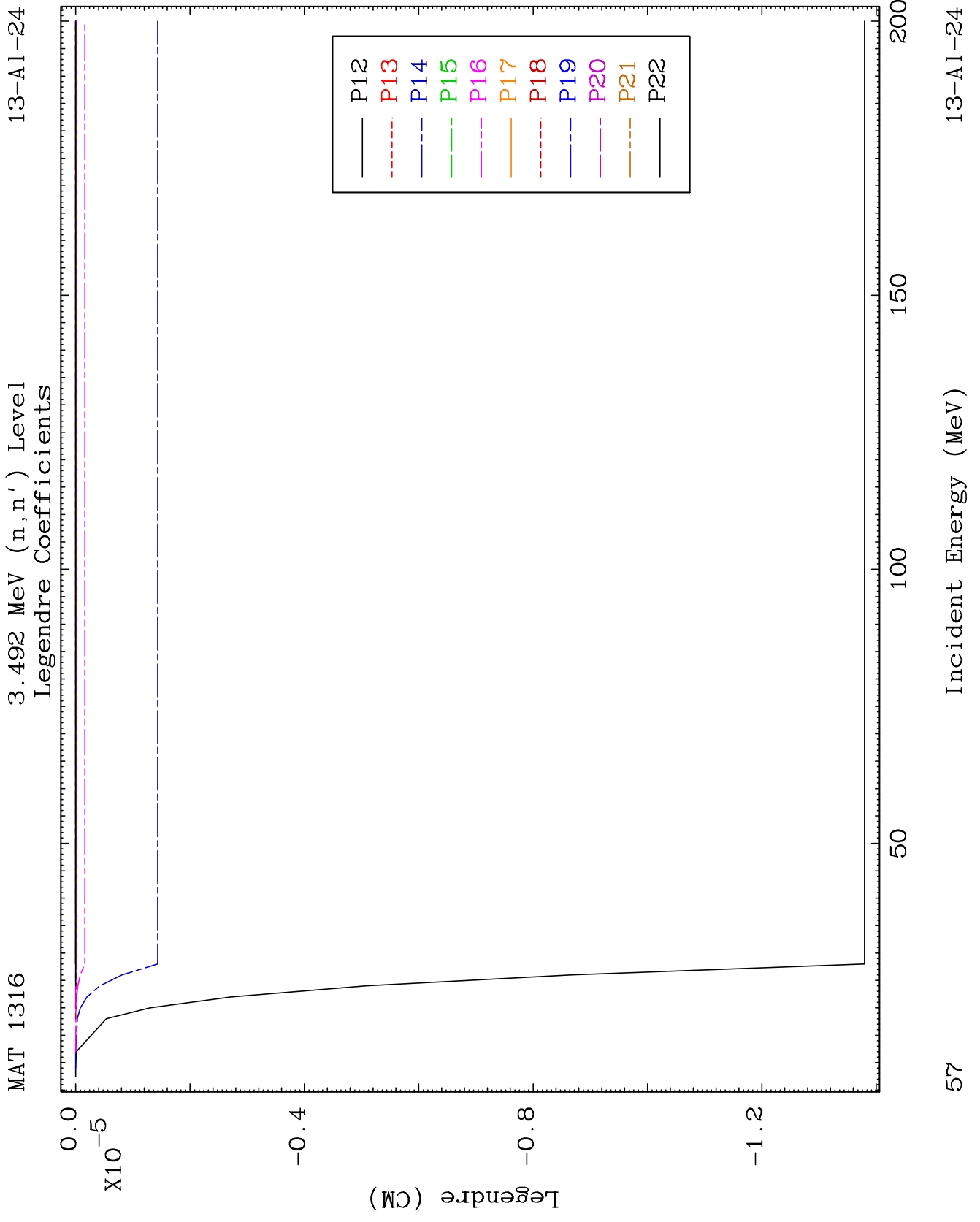
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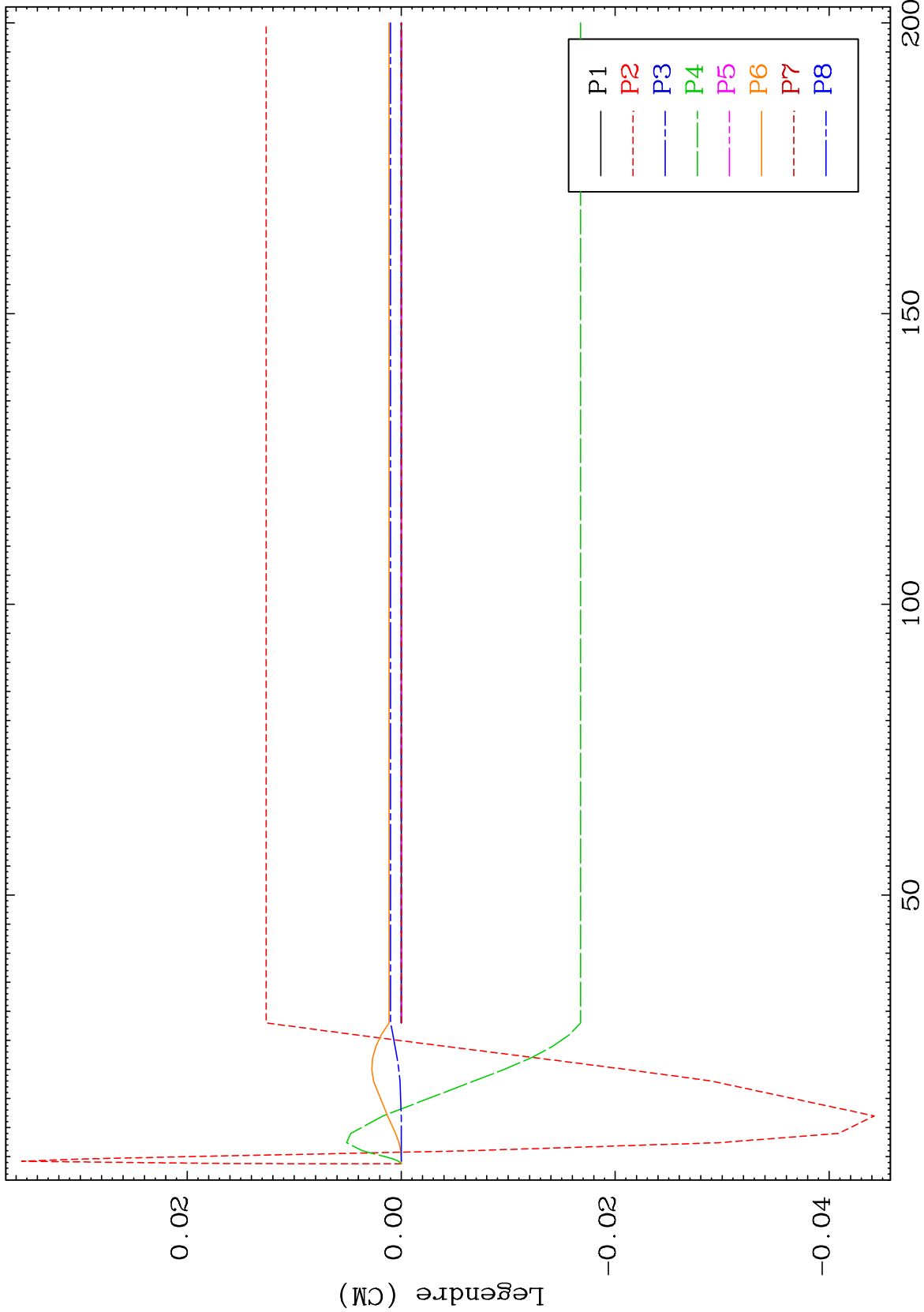


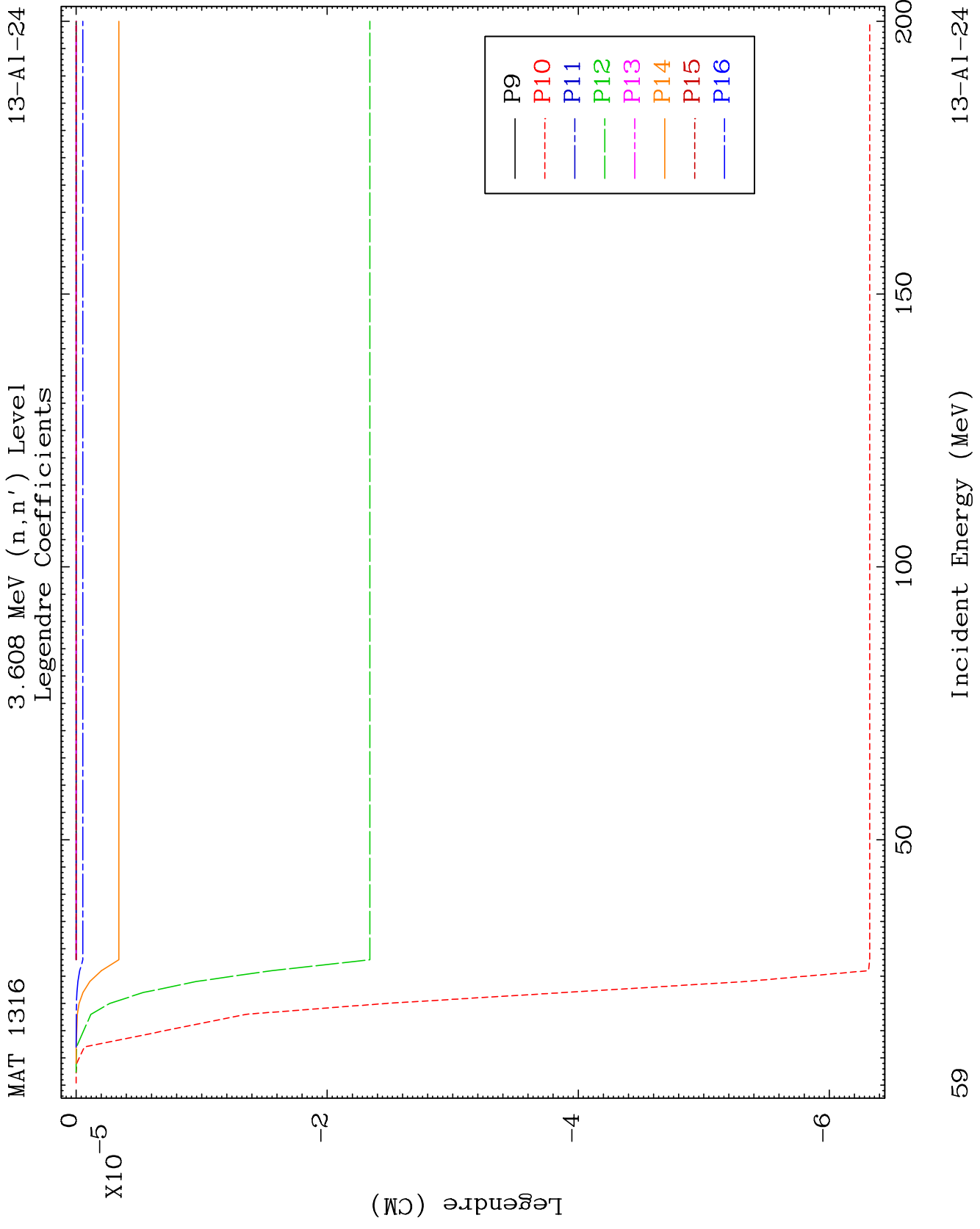
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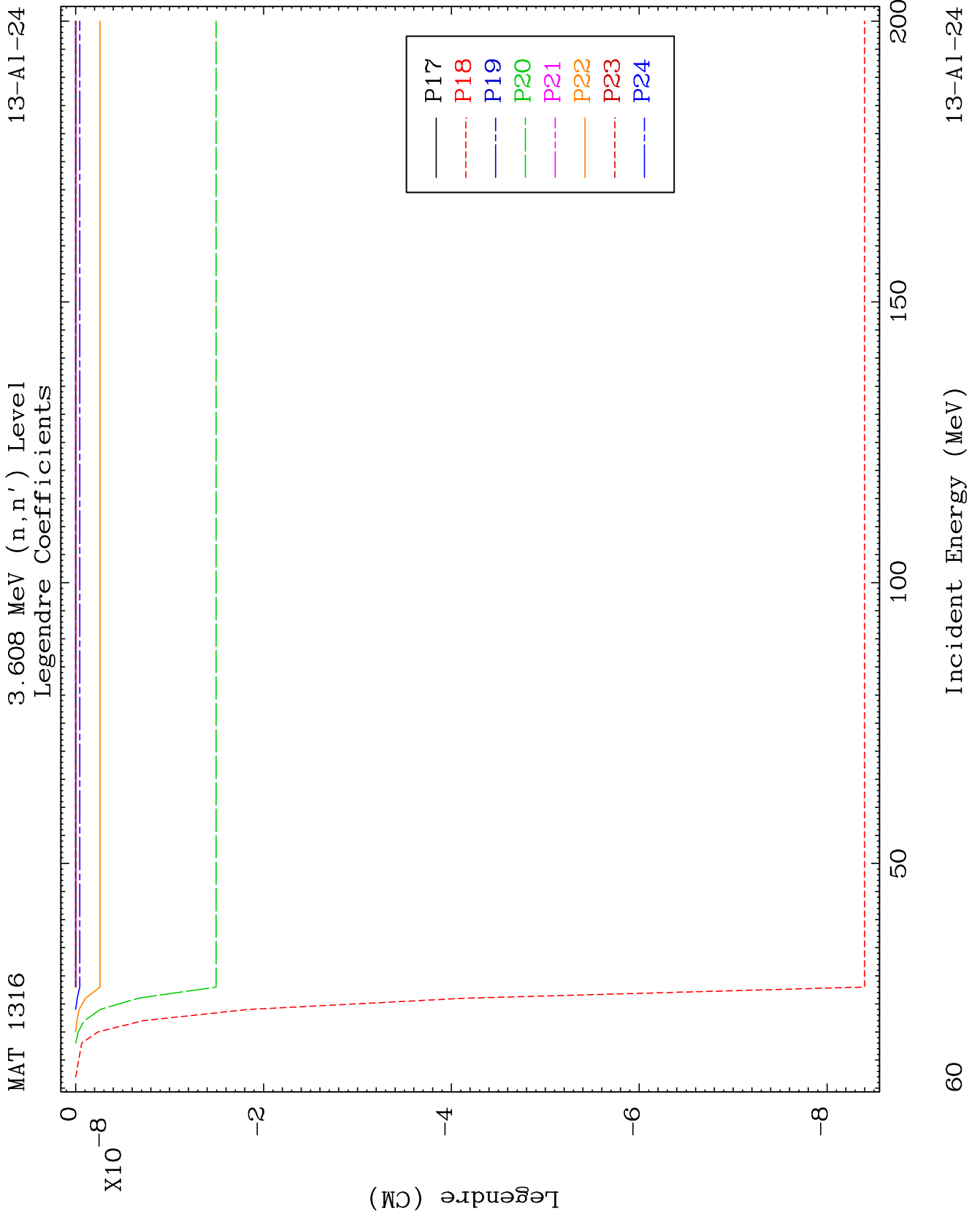
Incident Energy (MeV)

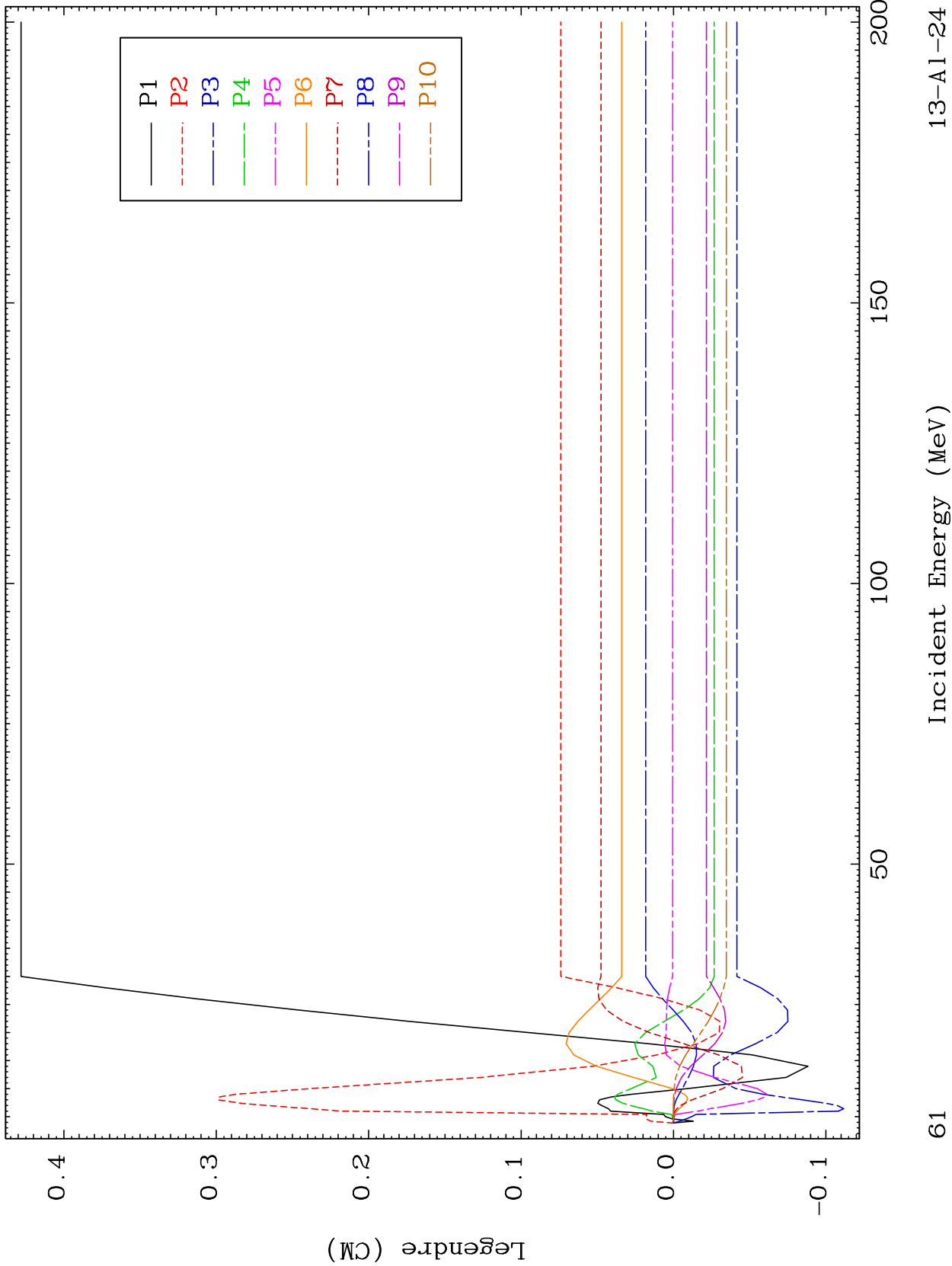
13-A1-24







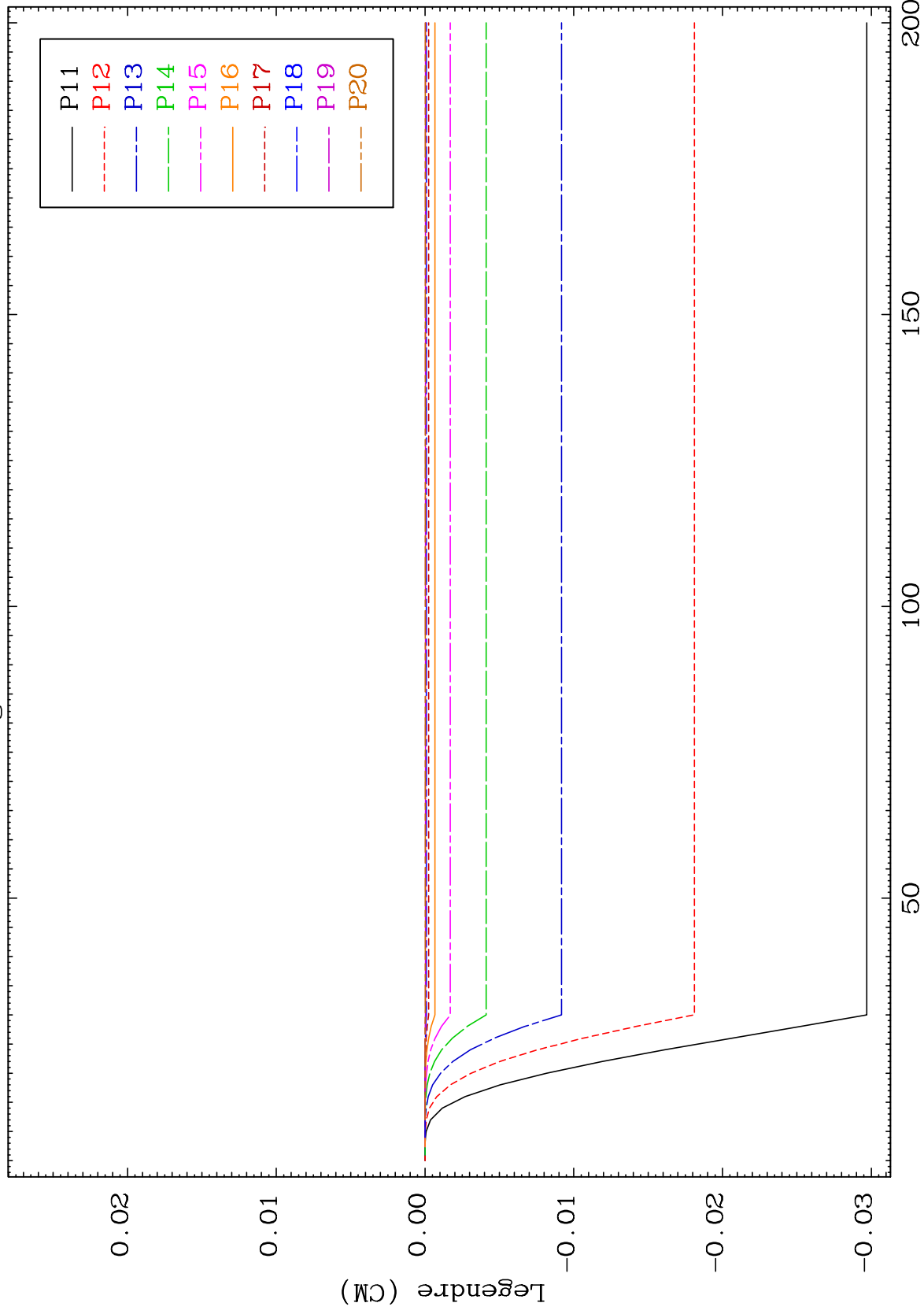




MAT 1316

3.716 MeV (n,n') Level
Legendre Coefficients

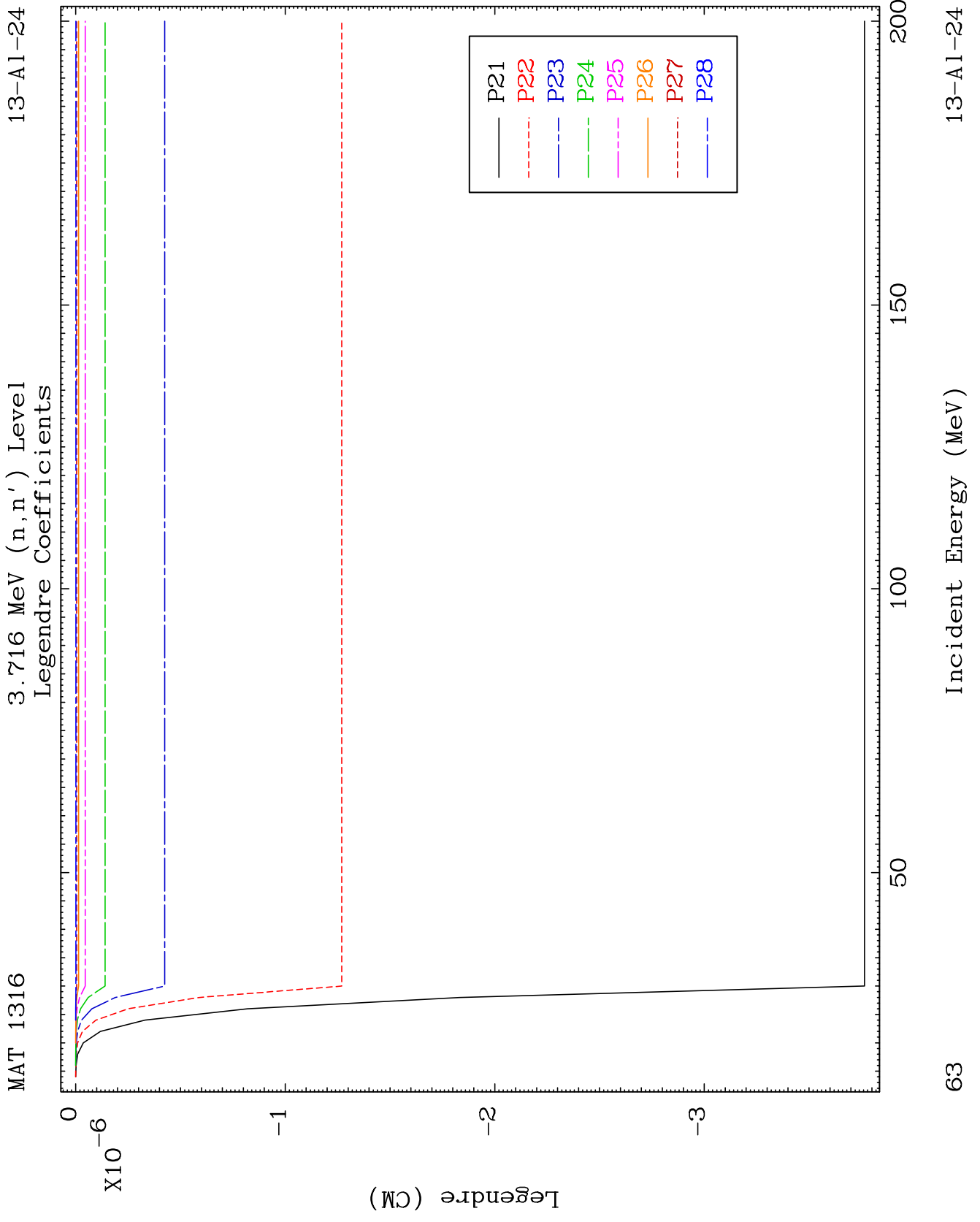
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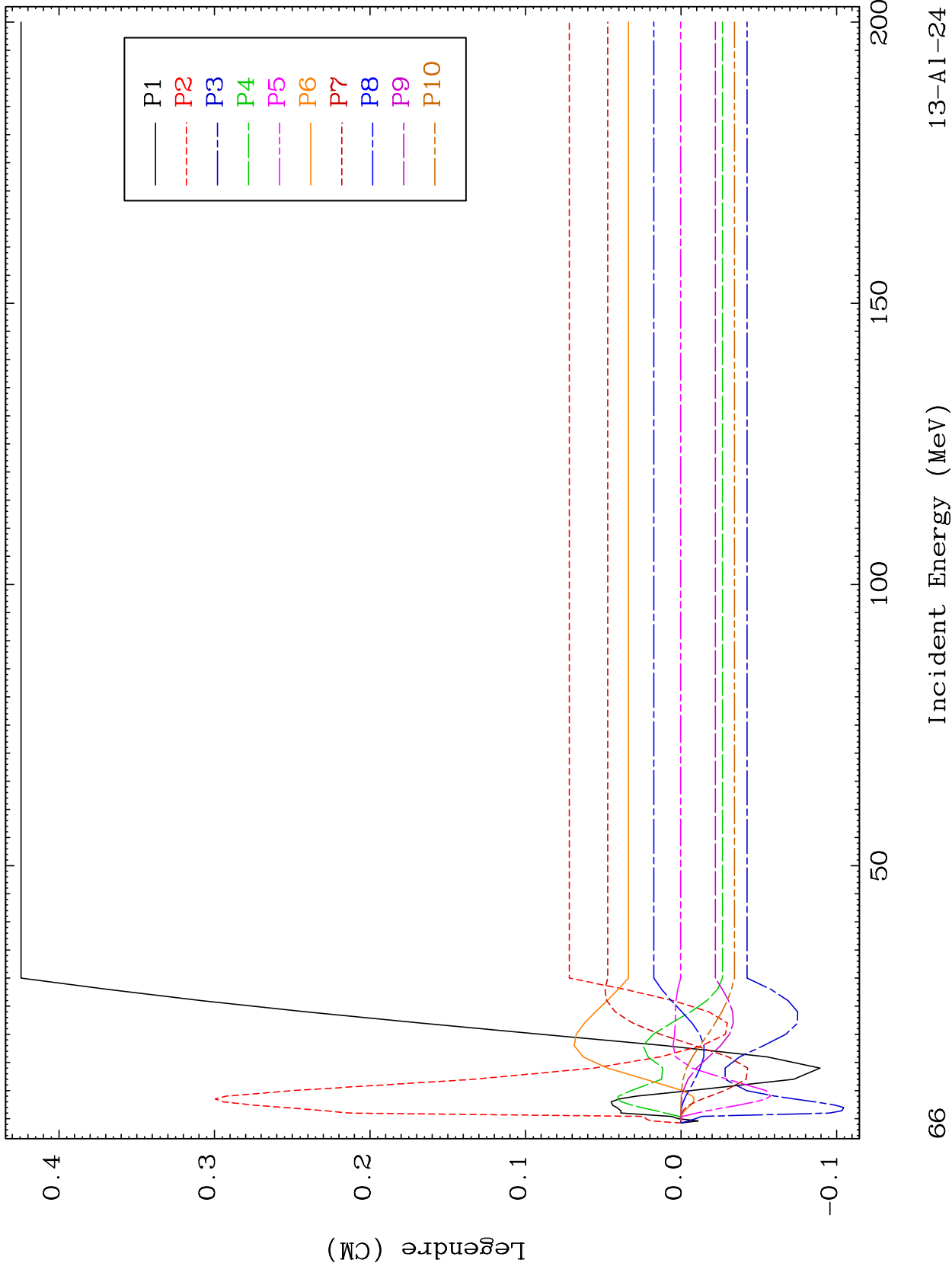


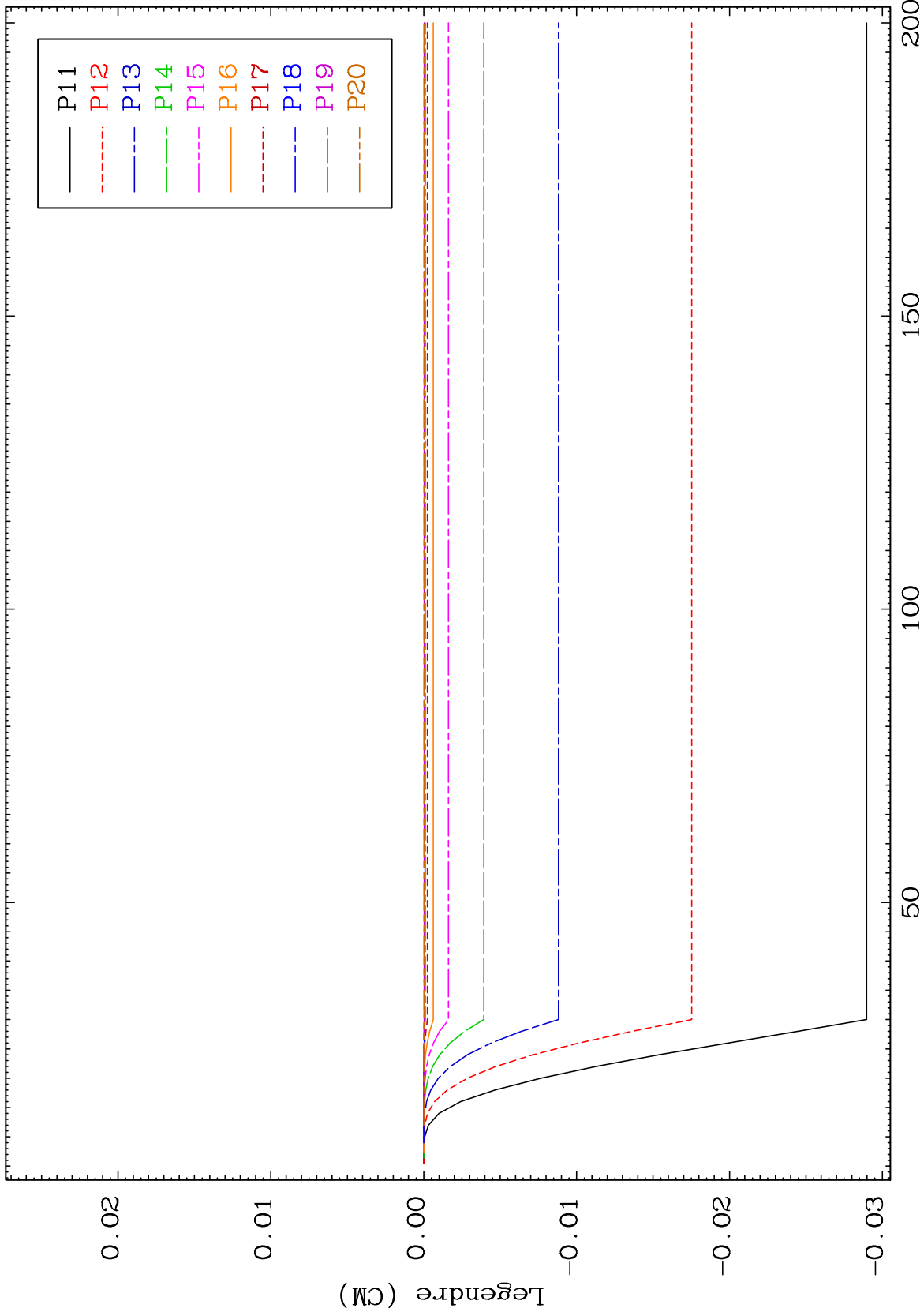
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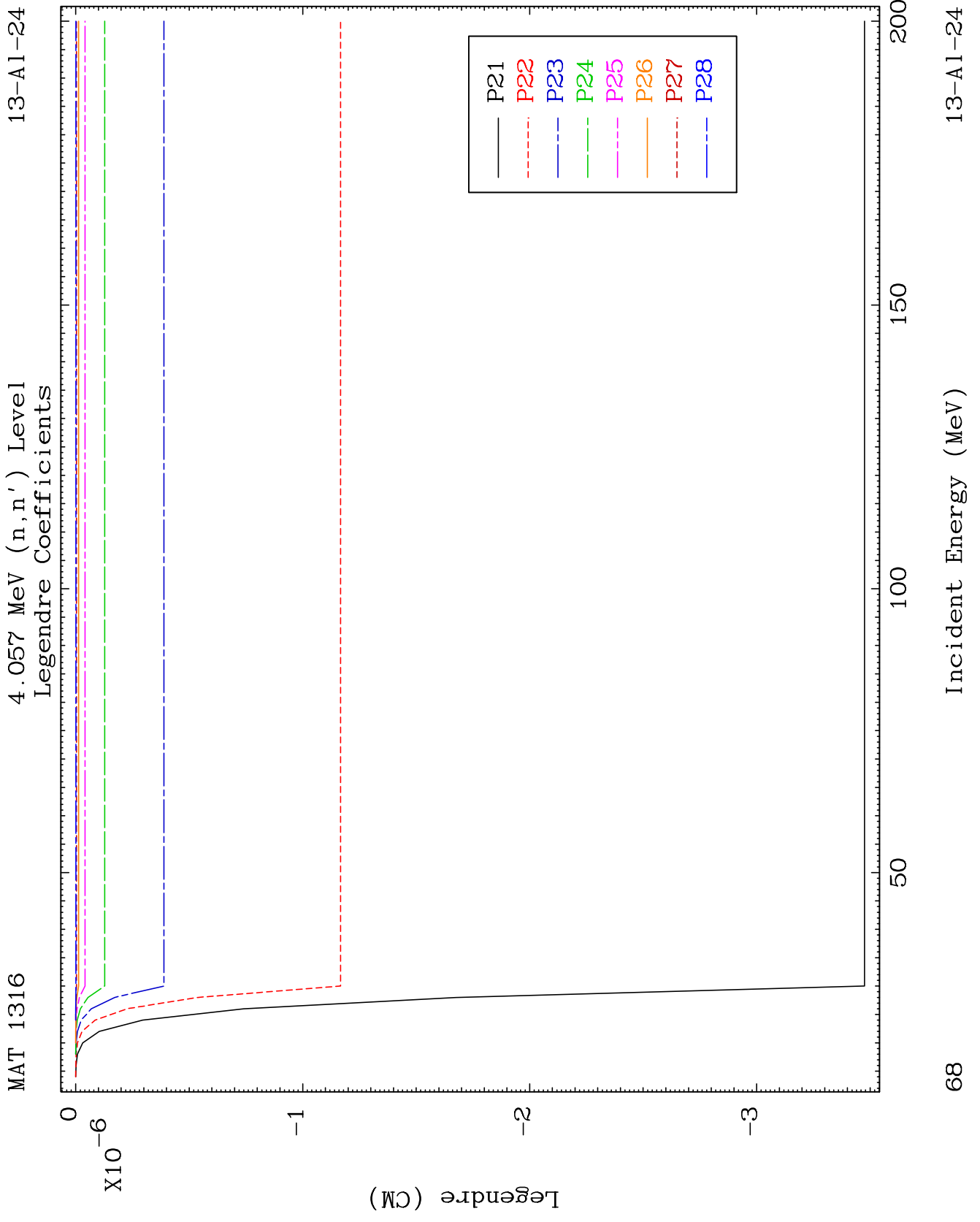
Incident Energy (MeV)

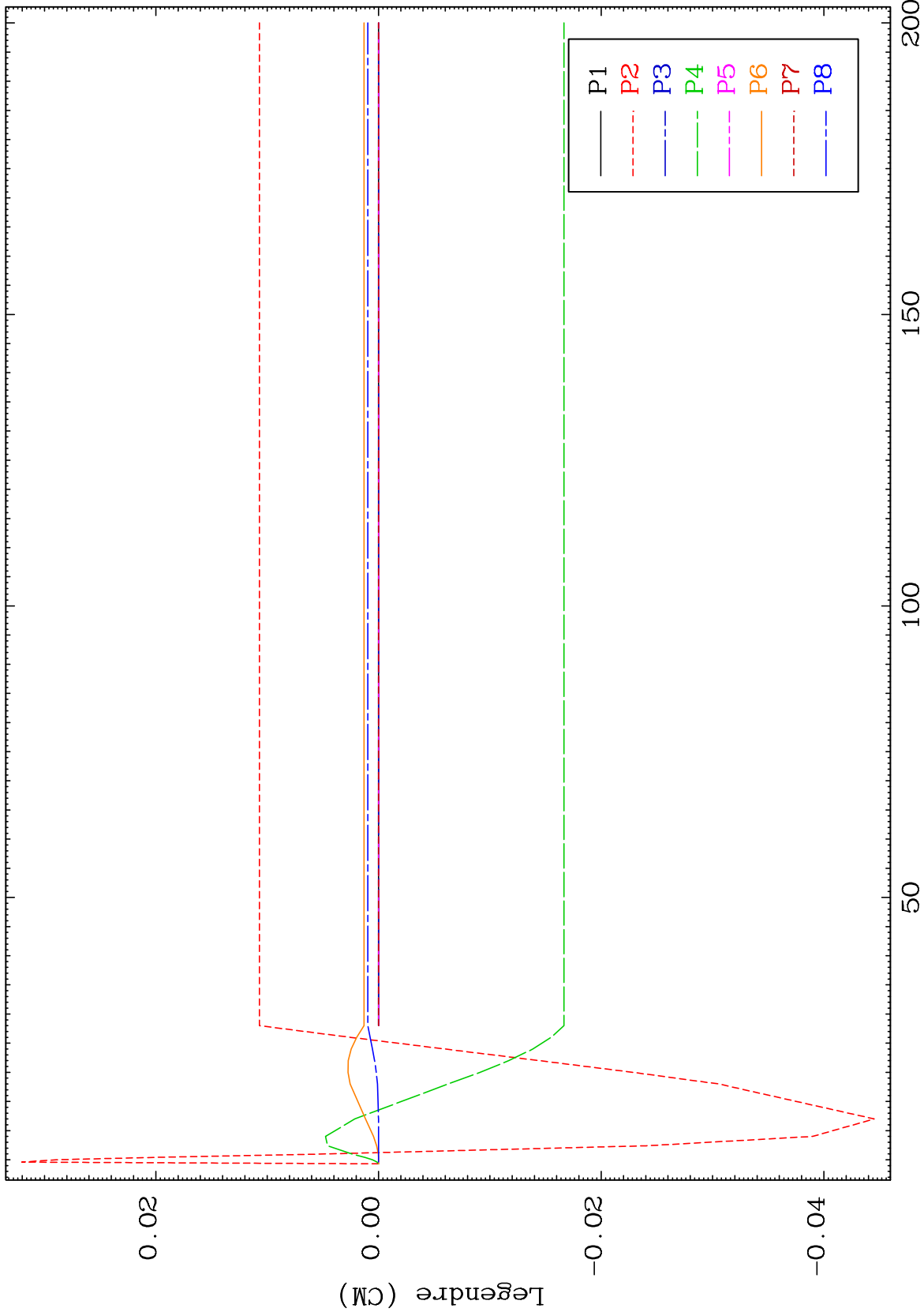
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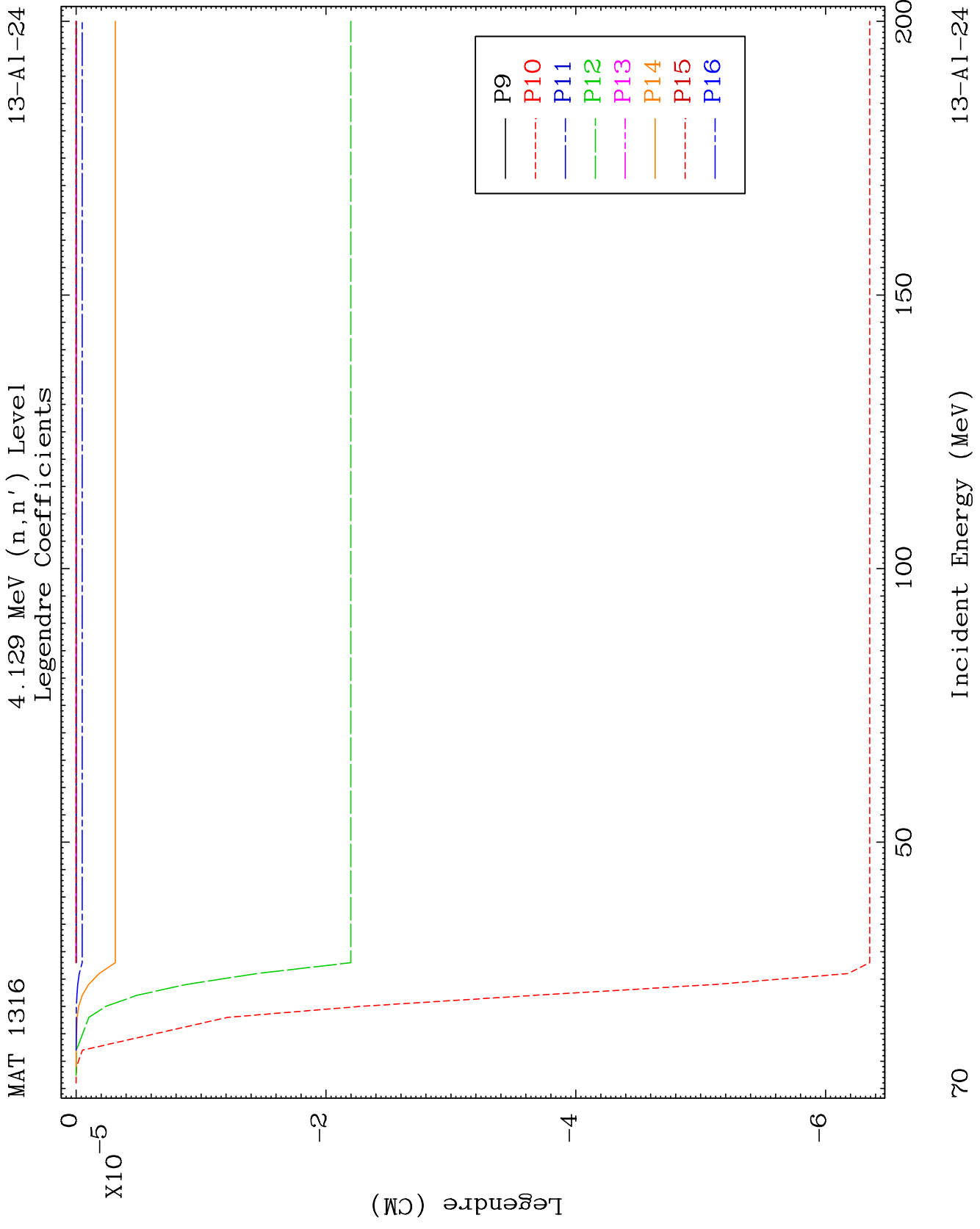


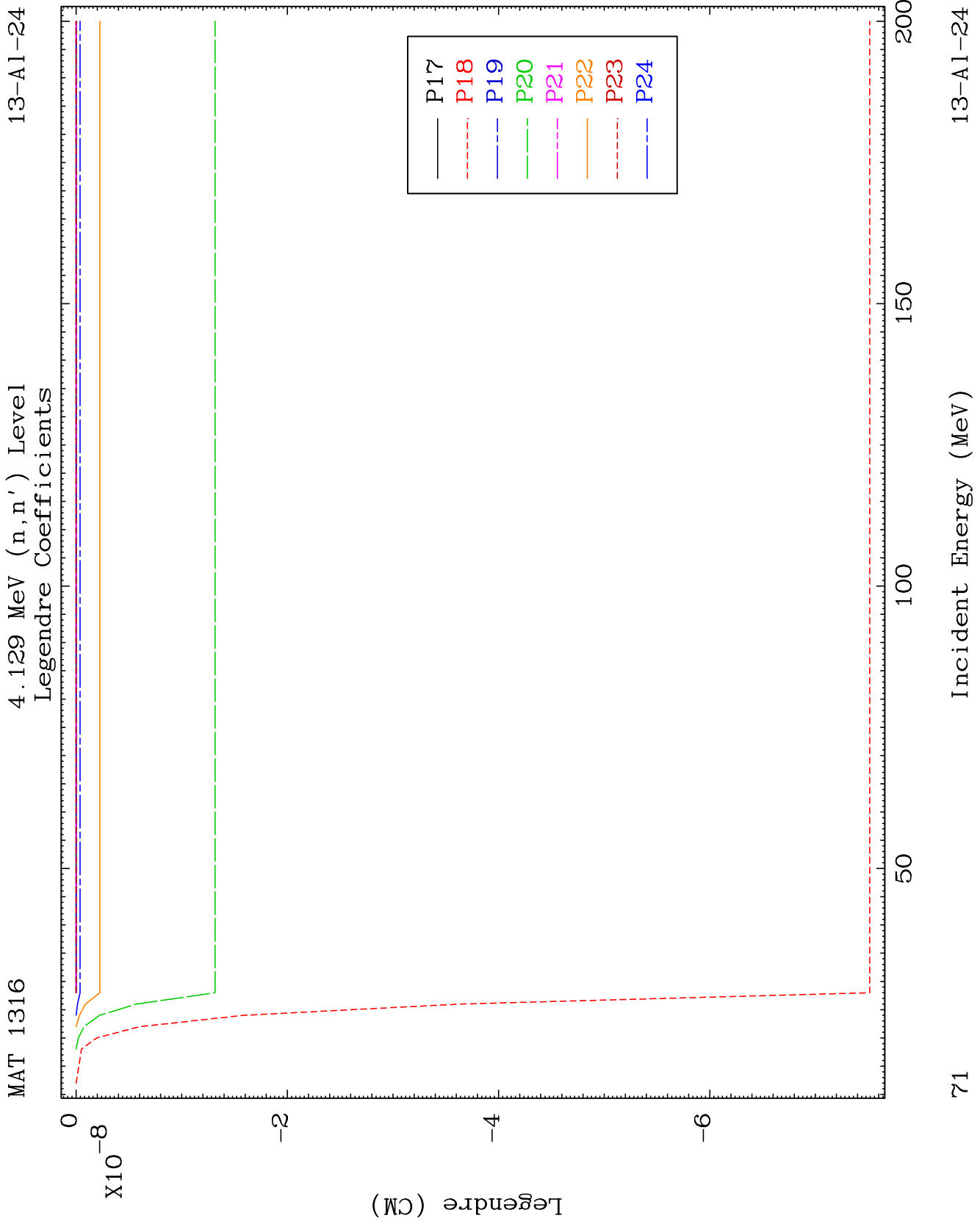


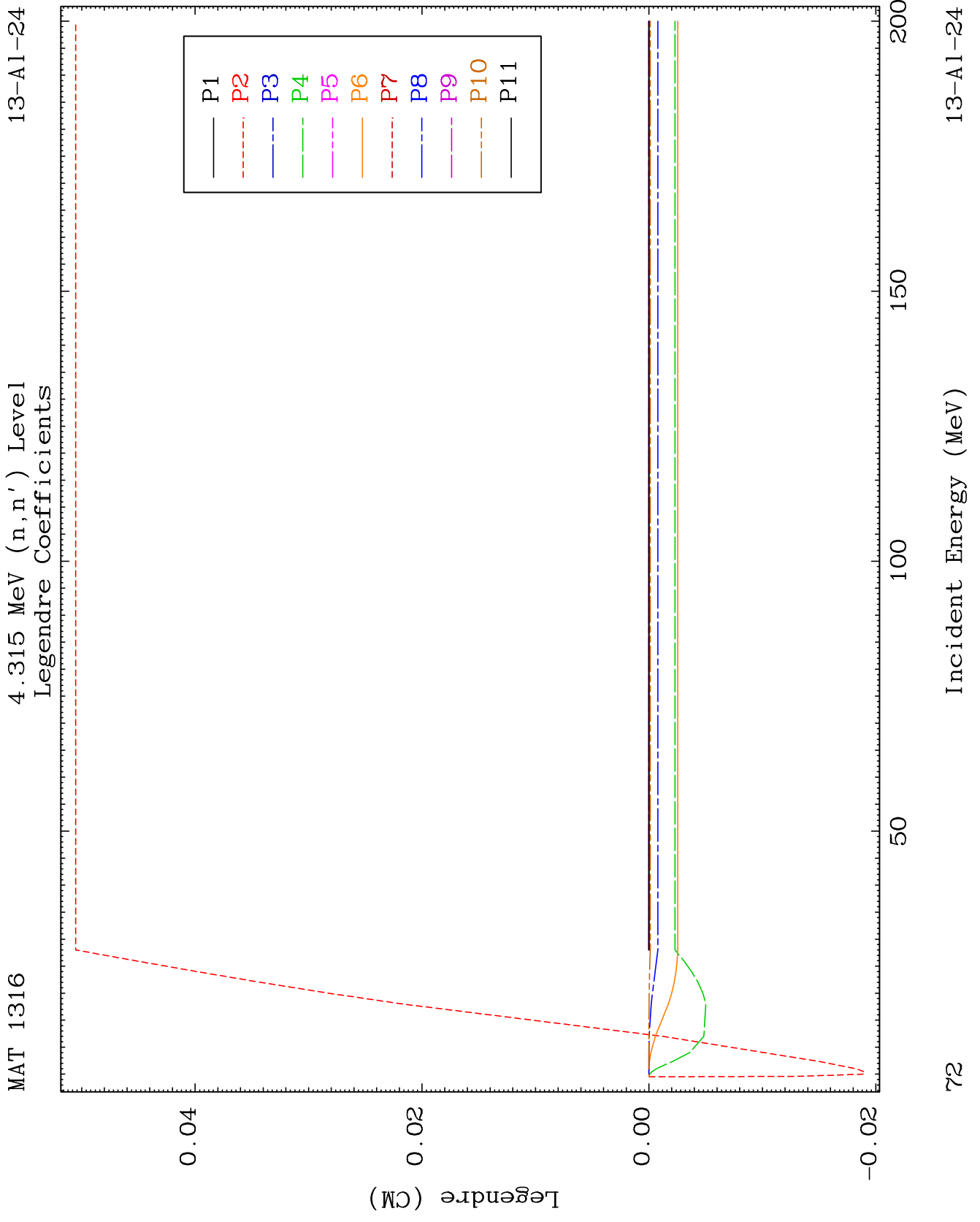


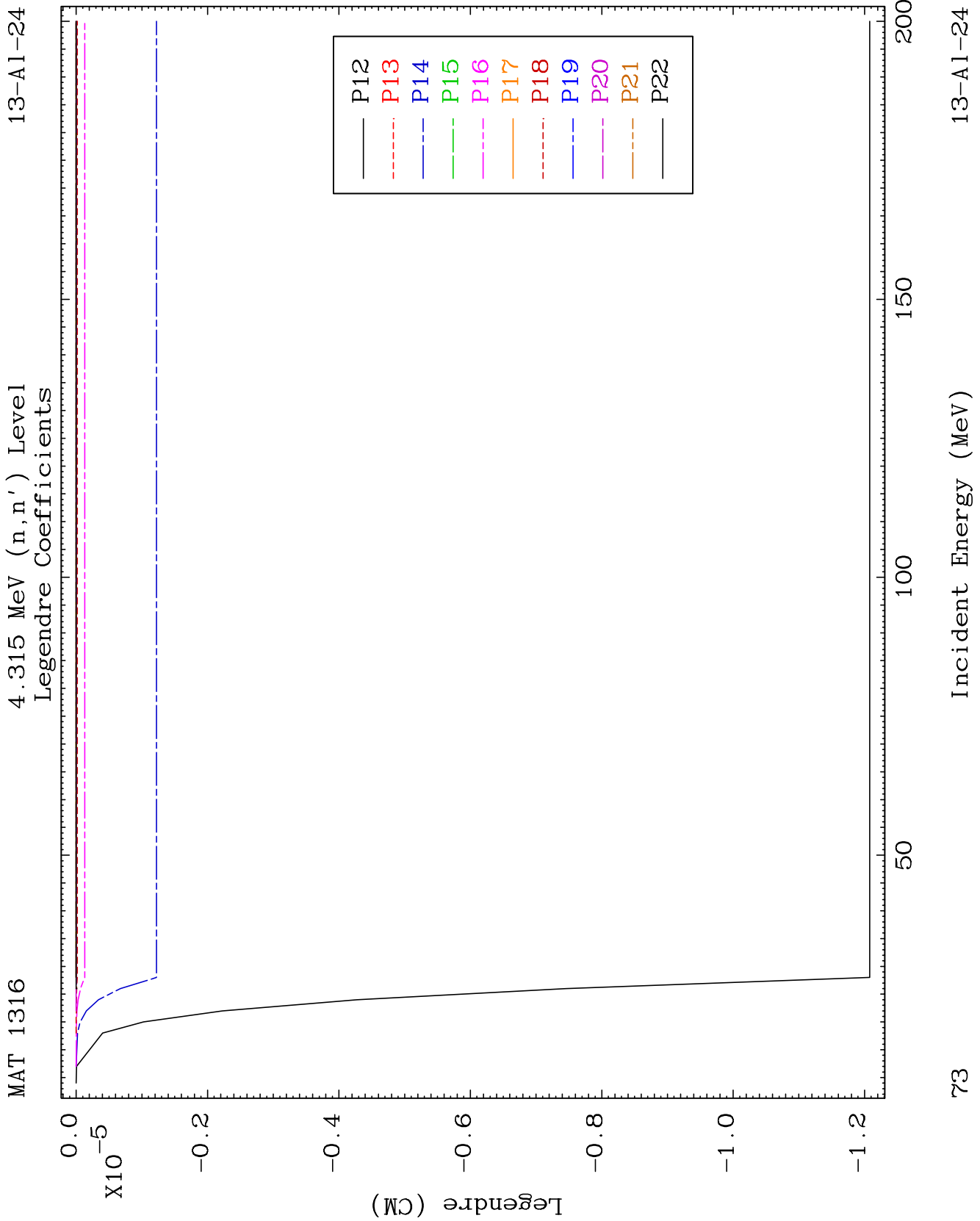


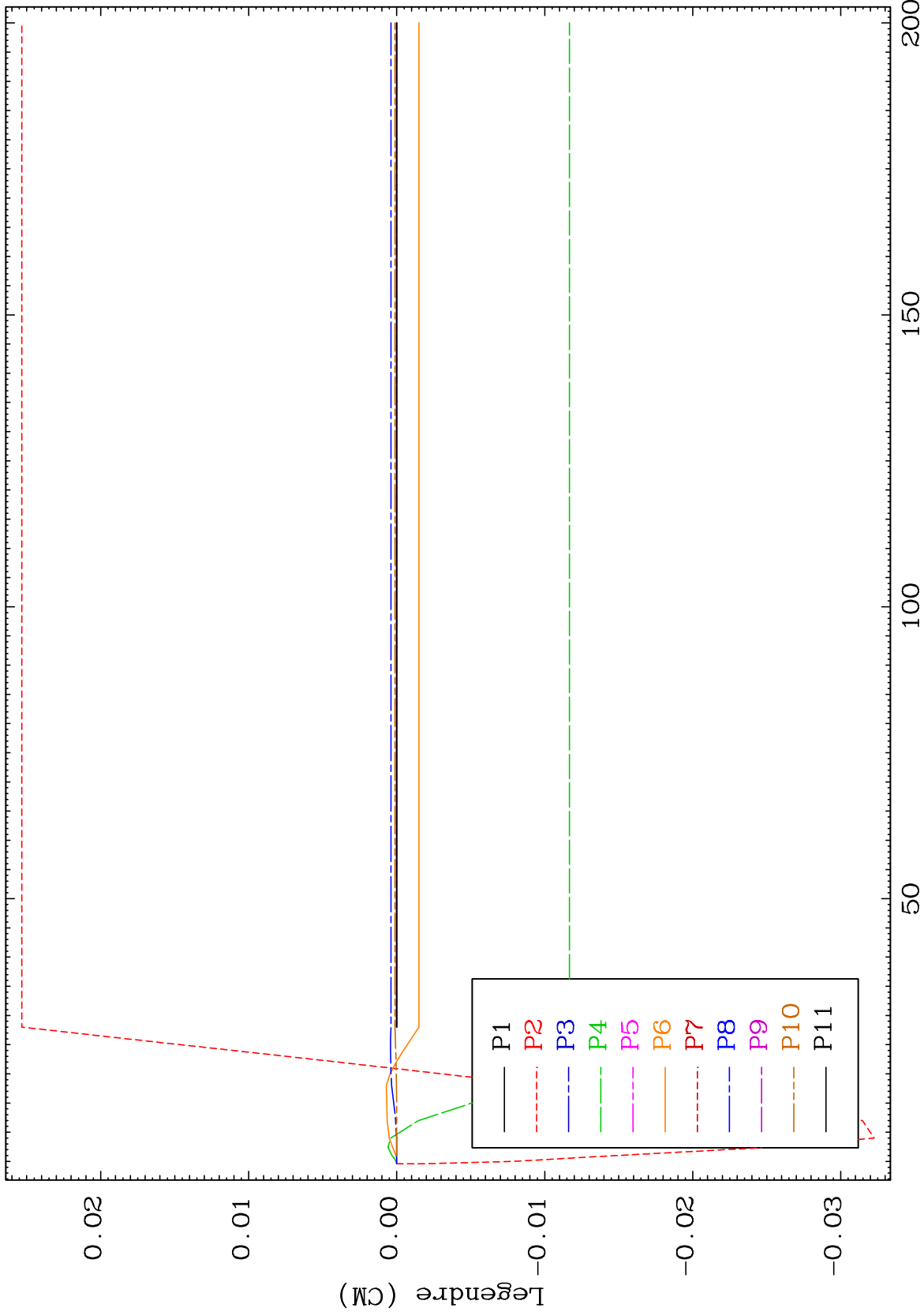








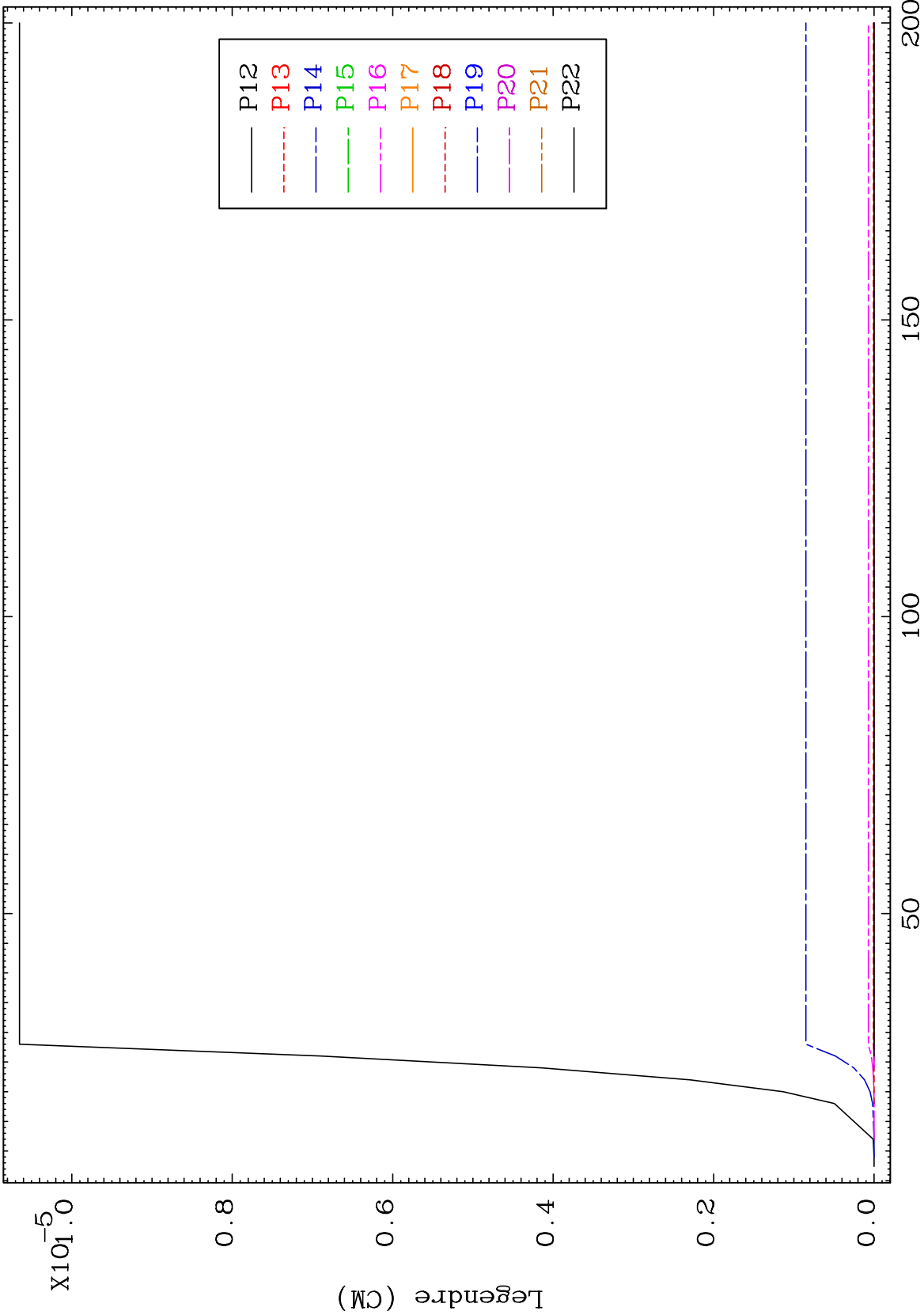




MAT 1316

4.400 MeV (n,n') Level
Legendre Coefficients

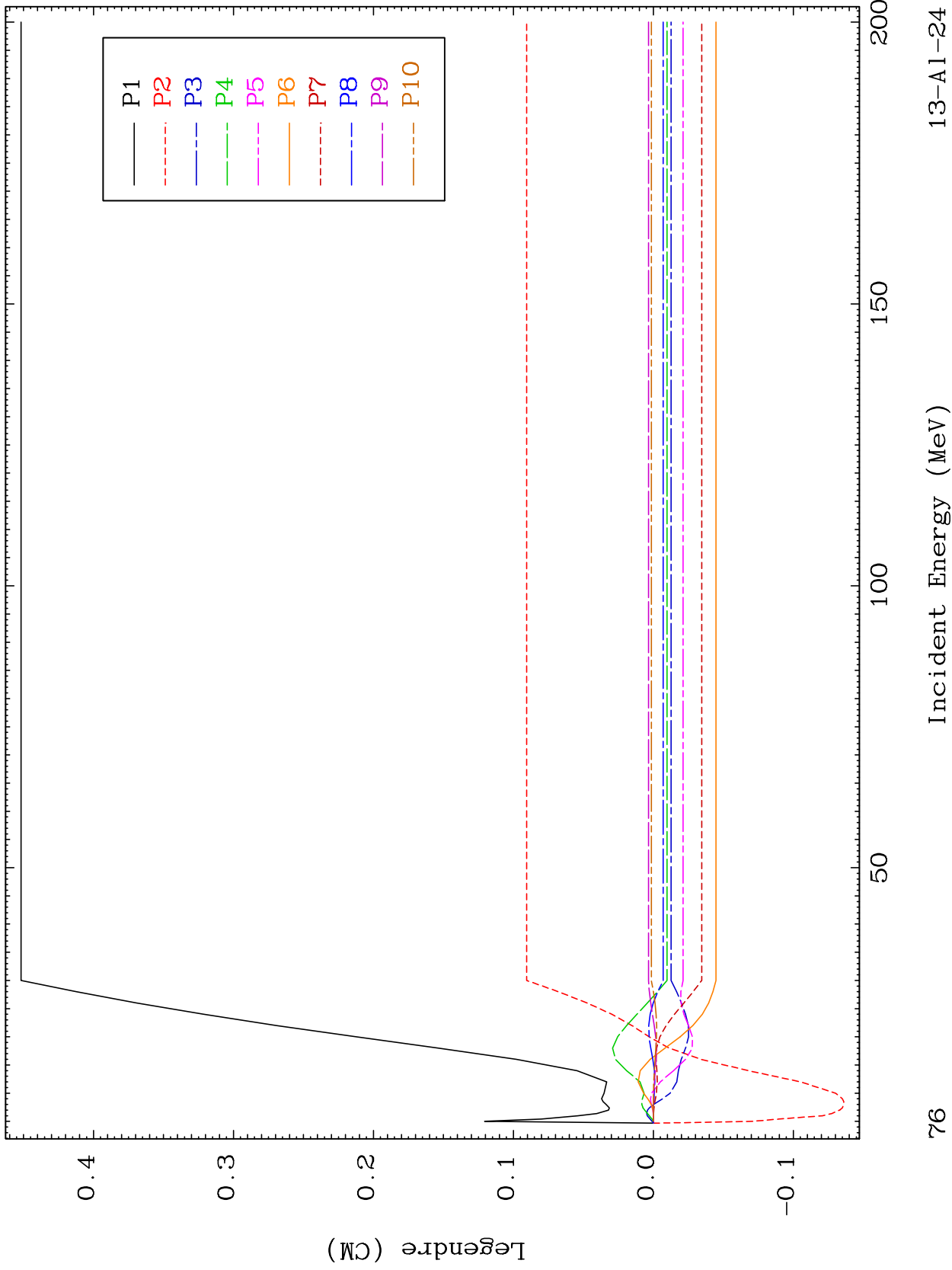
13-Al-24



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Incident Energy (MeV)

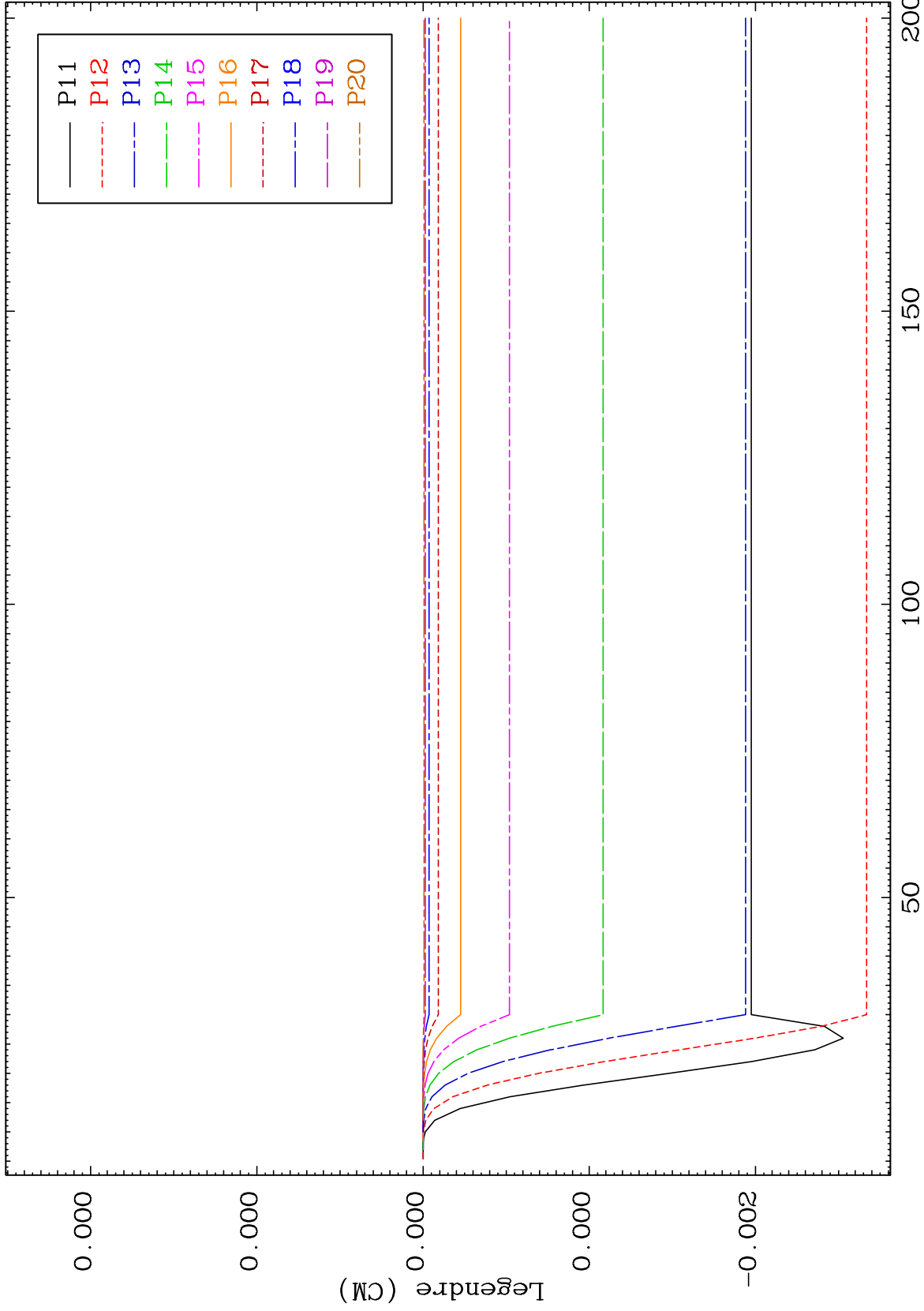
13-Al-24



MAT 1316

4.488 MeV (n,n') Level
Legendre Coefficients

13-Al-24



77

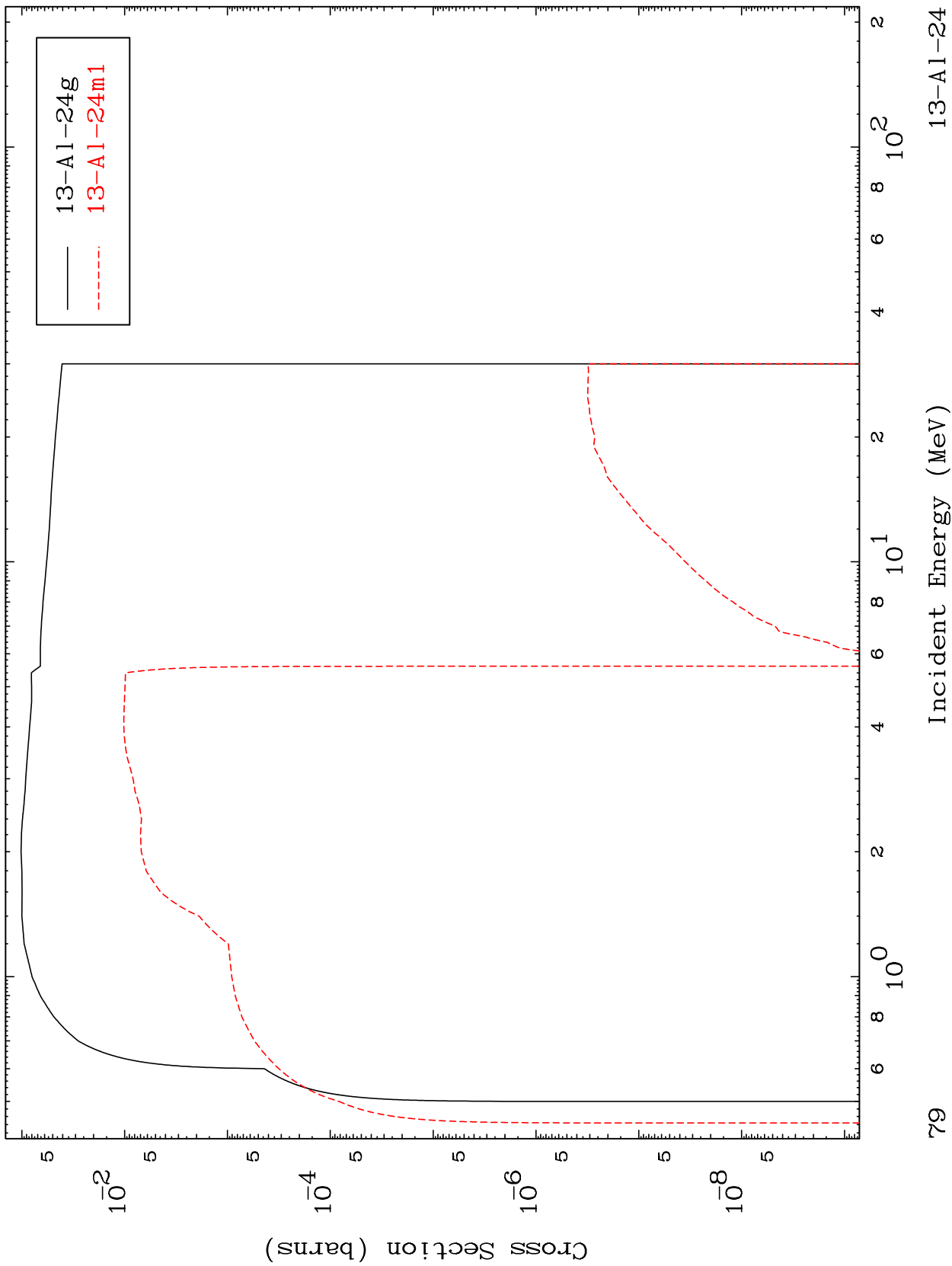
Incident Energy (MeV)

13-Al-24

MAT 1316

13-Al-24

Inelastic
Radionuclide Production Cross Section



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Incident Energy (MeV)

13-Al-24