

Program EVALPLOT
(Version 2018-1)

by

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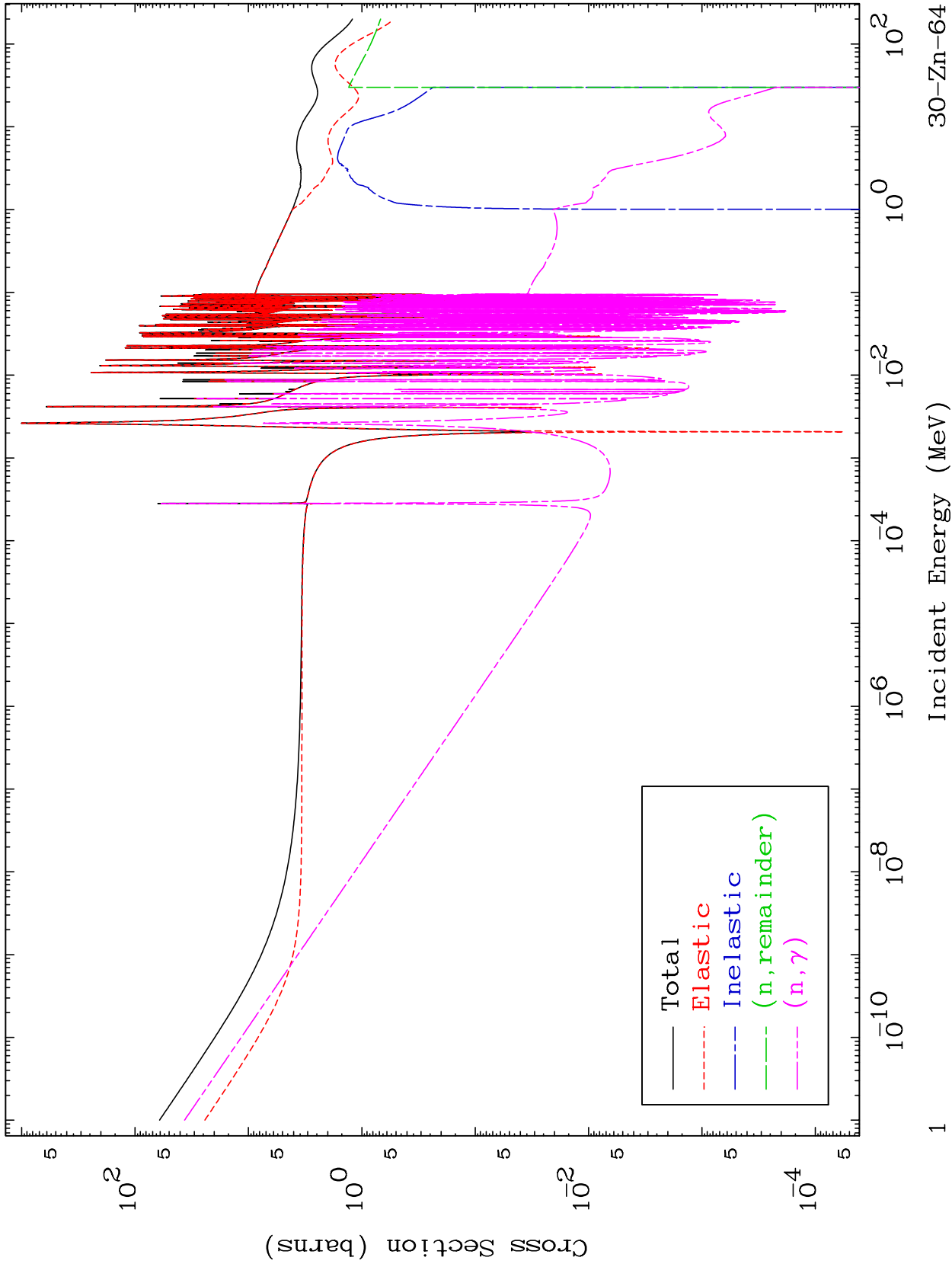
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Press Mouse Button to Start

MAT 3025

Major
293 Kelvin Cross Sections

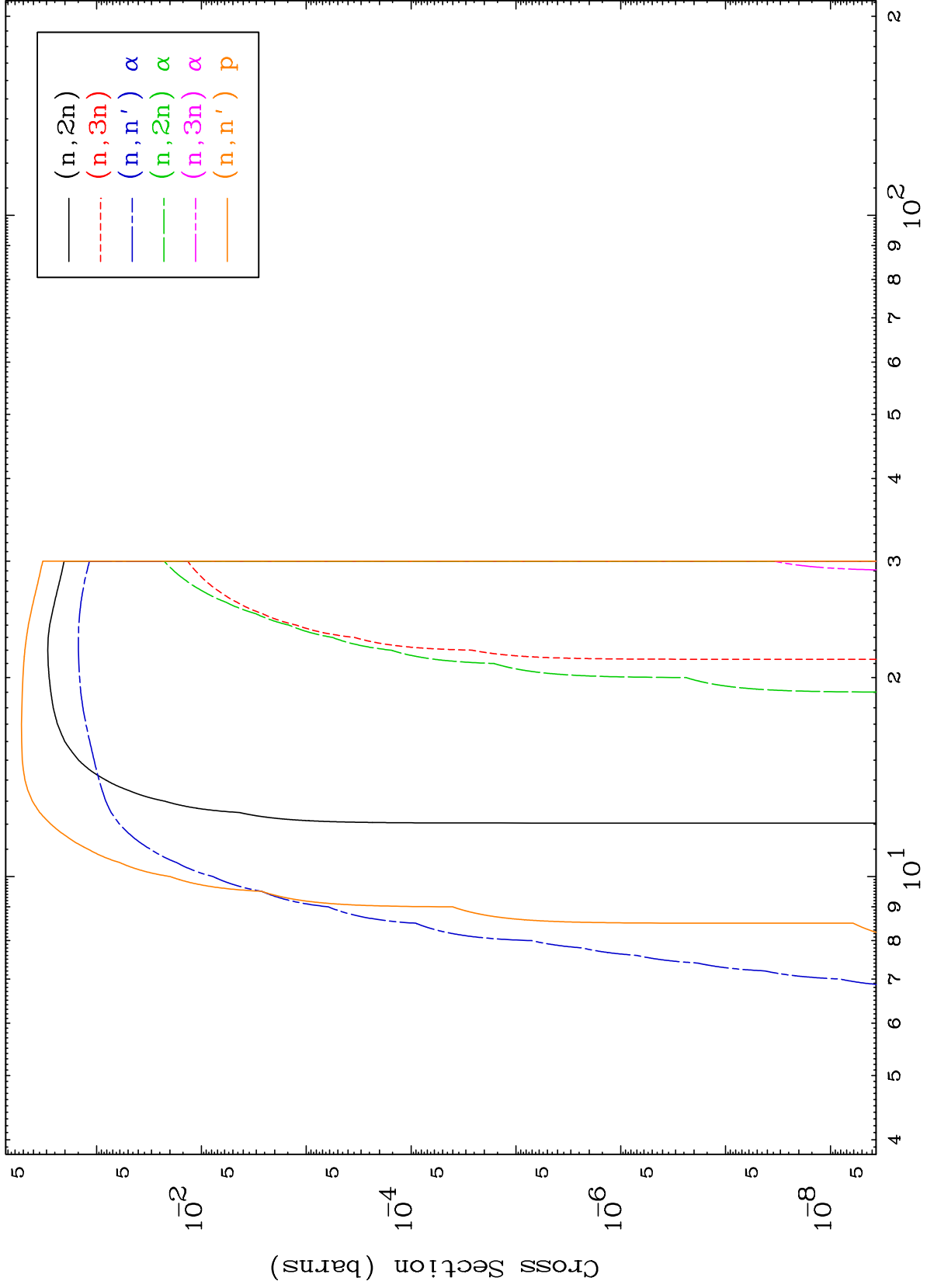
30-Zn-64



MAT 3025

Neutron Production
293 Kelvin Cross Sections

30-Zn-64



30-Zn-64

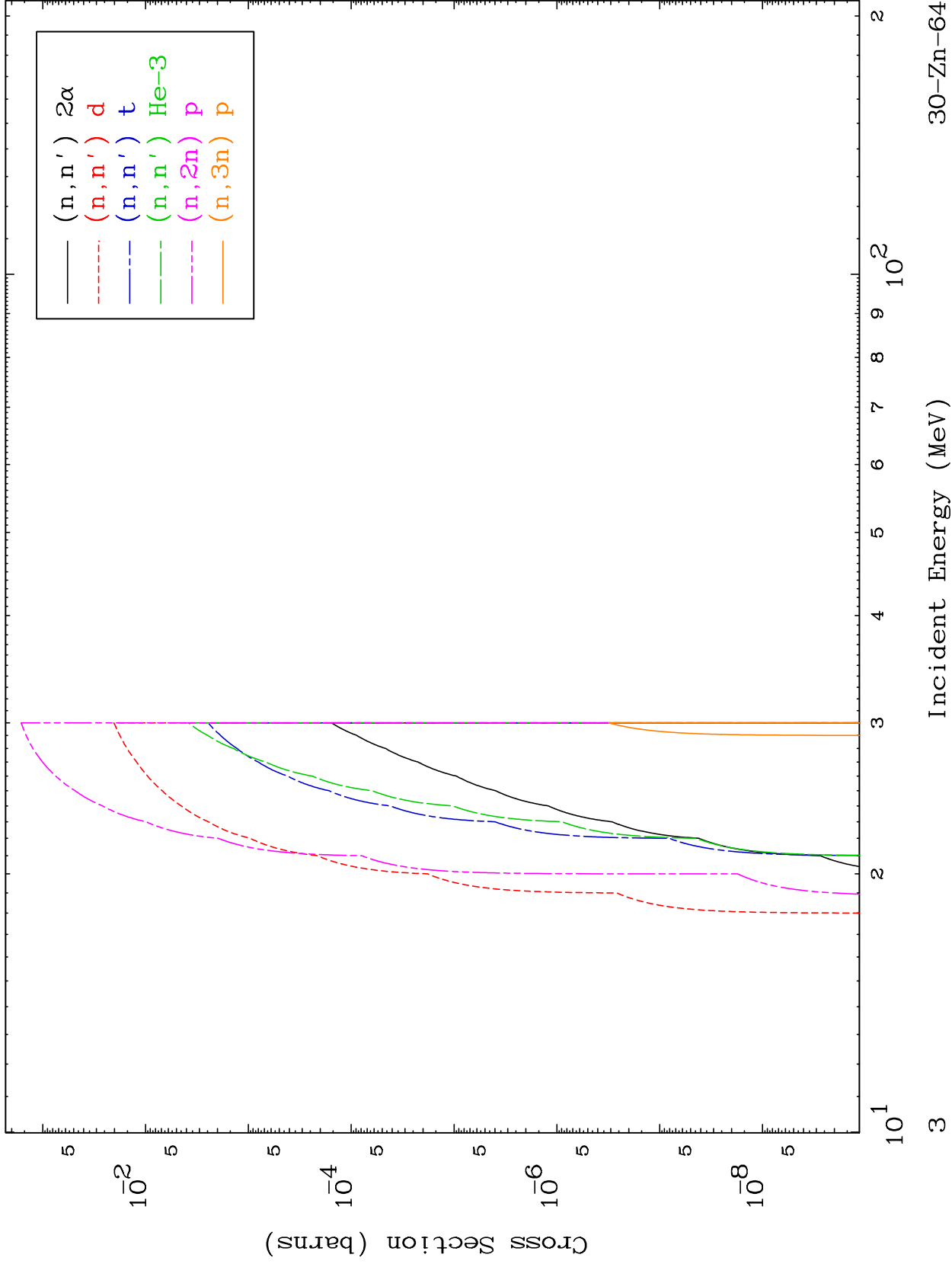
Incident Energy (MeV)

2

MAT 3025

Neutron Production
293 Kelvin Cross Sections

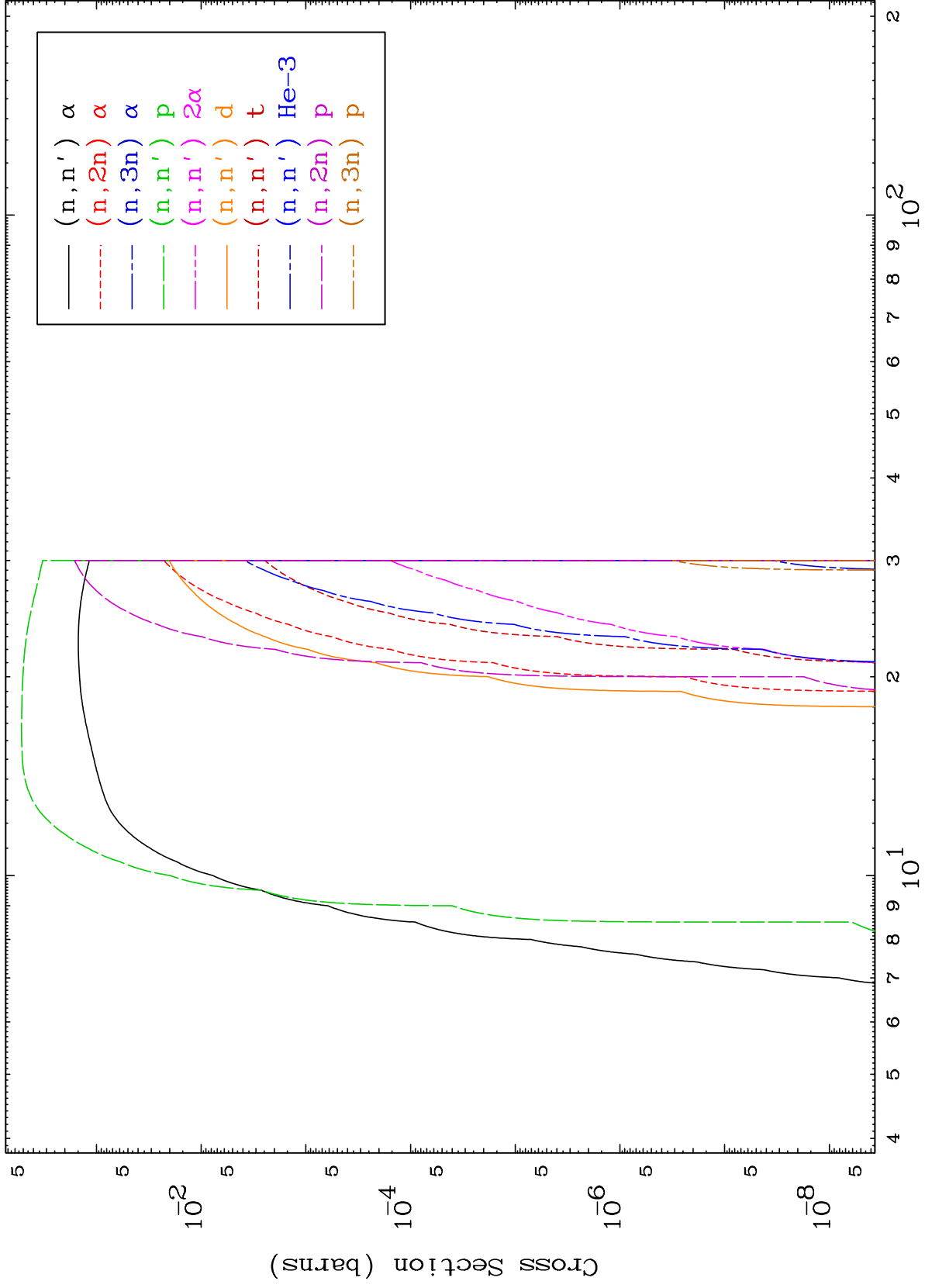
30-Zn-64



MAT 3025

Charged Particle
293 Kelvin Cross Sections

30-Zn-64



4

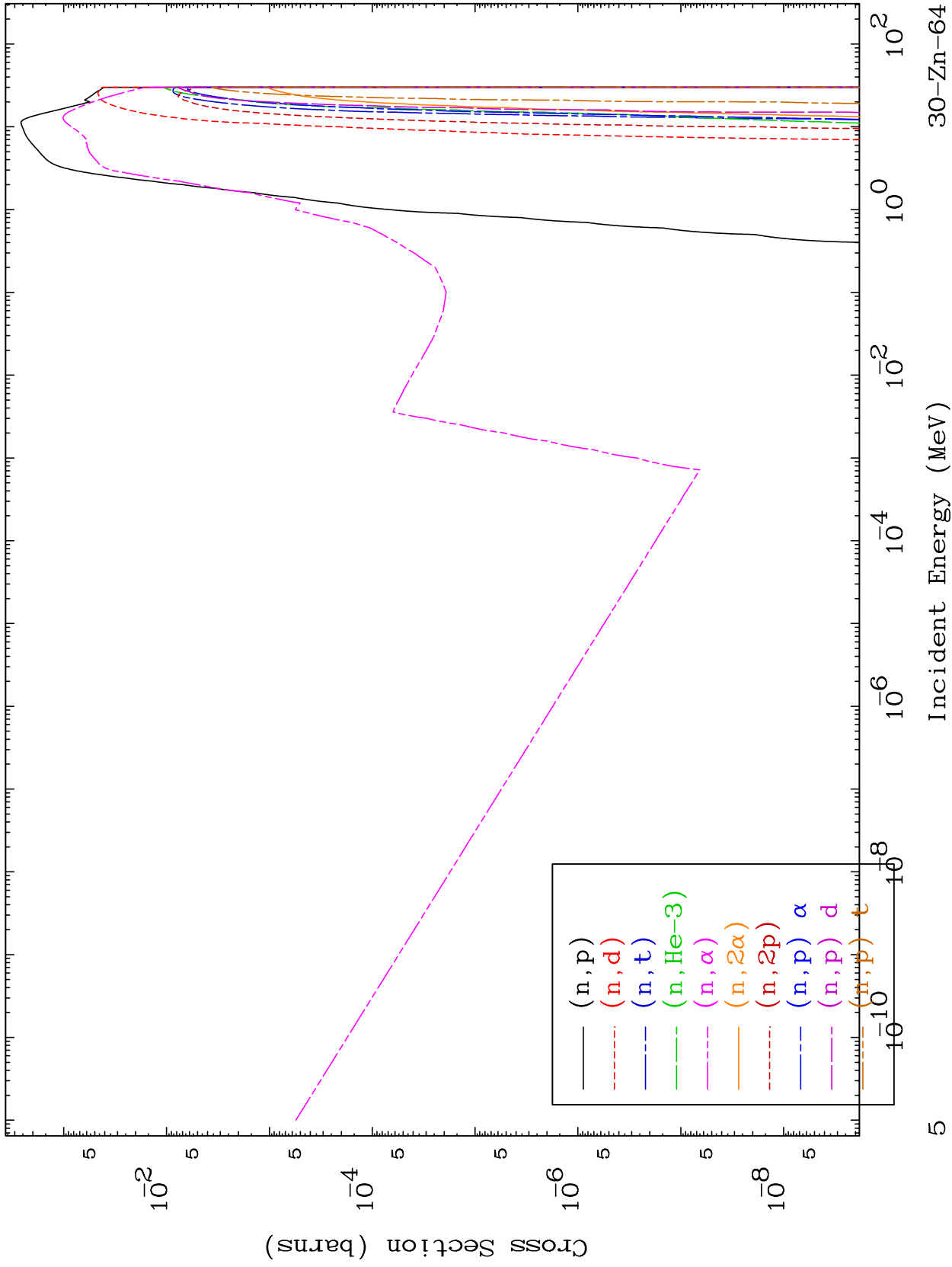
Incident Energy (MeV)

30-Zn-64

MAT 3025

Charged Particle
293 Kelvin Cross Sections

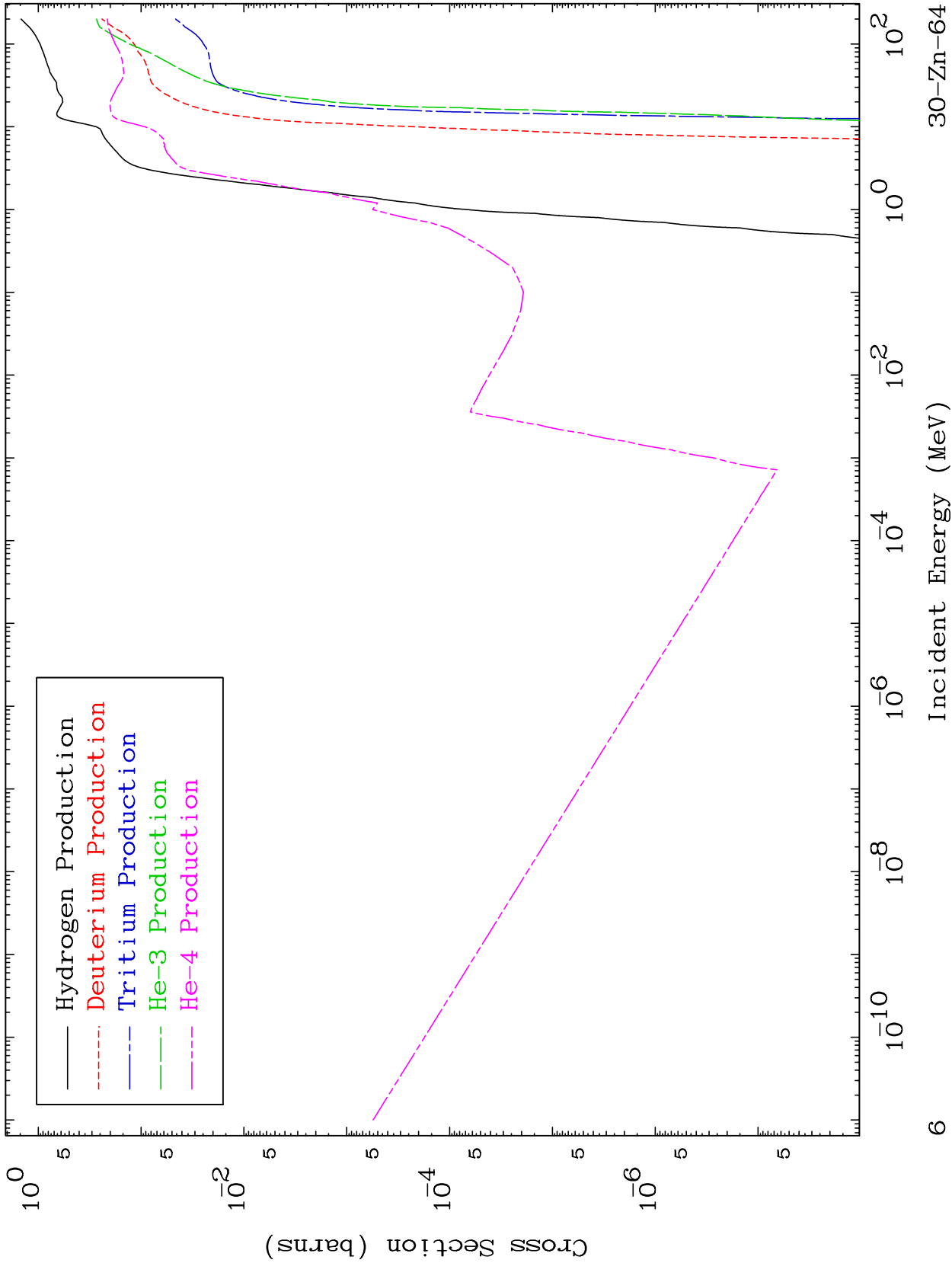
30-Zn-64



MAT 3025

Particle Production
293 Kelvin Cross Sections

30-Zn-64

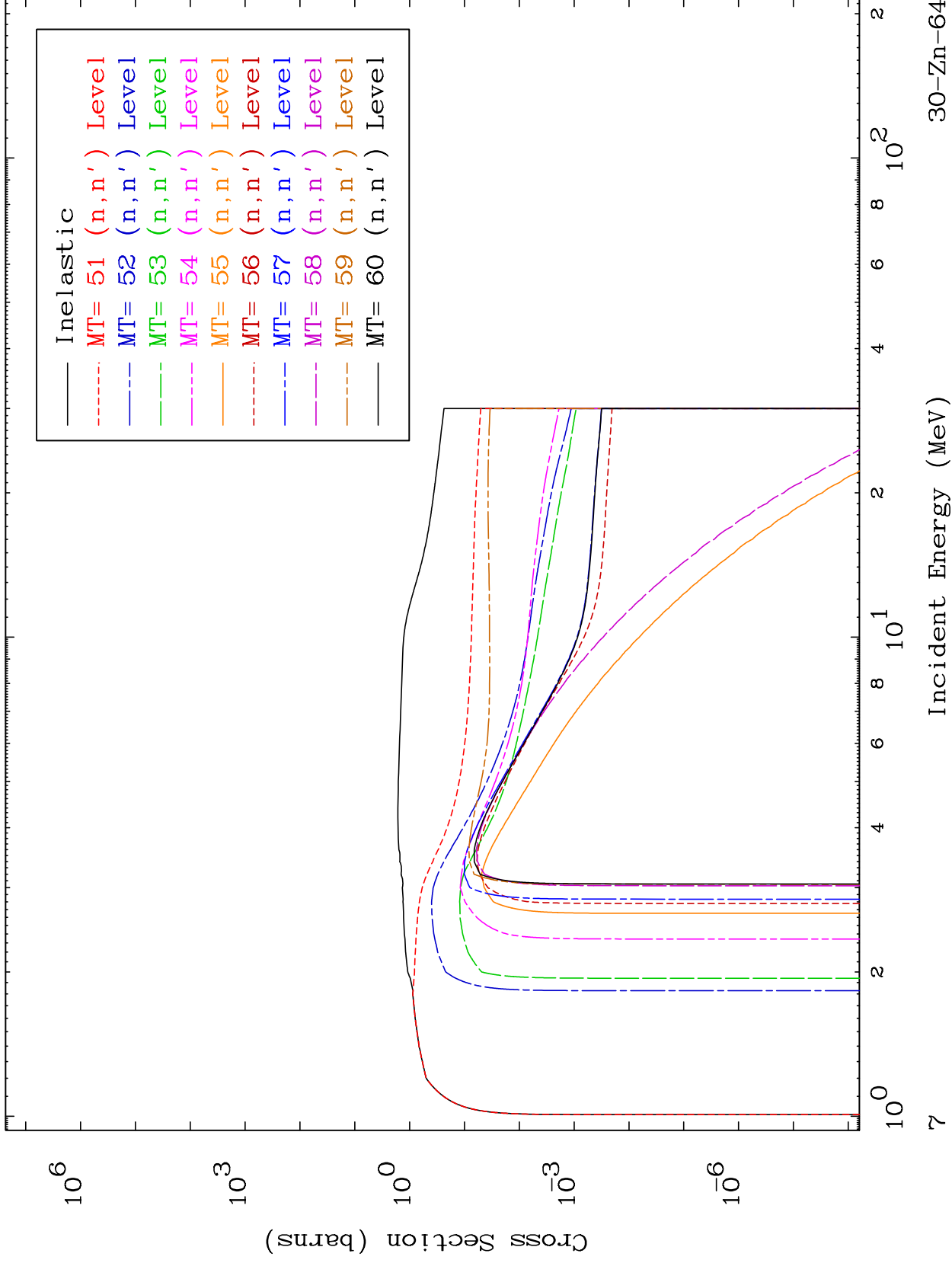


MAT 3025

(n,n') Level

30-Zn-64

293 Kelvin Cross Sections



Incident Energy (MeV)

30-Zn-64

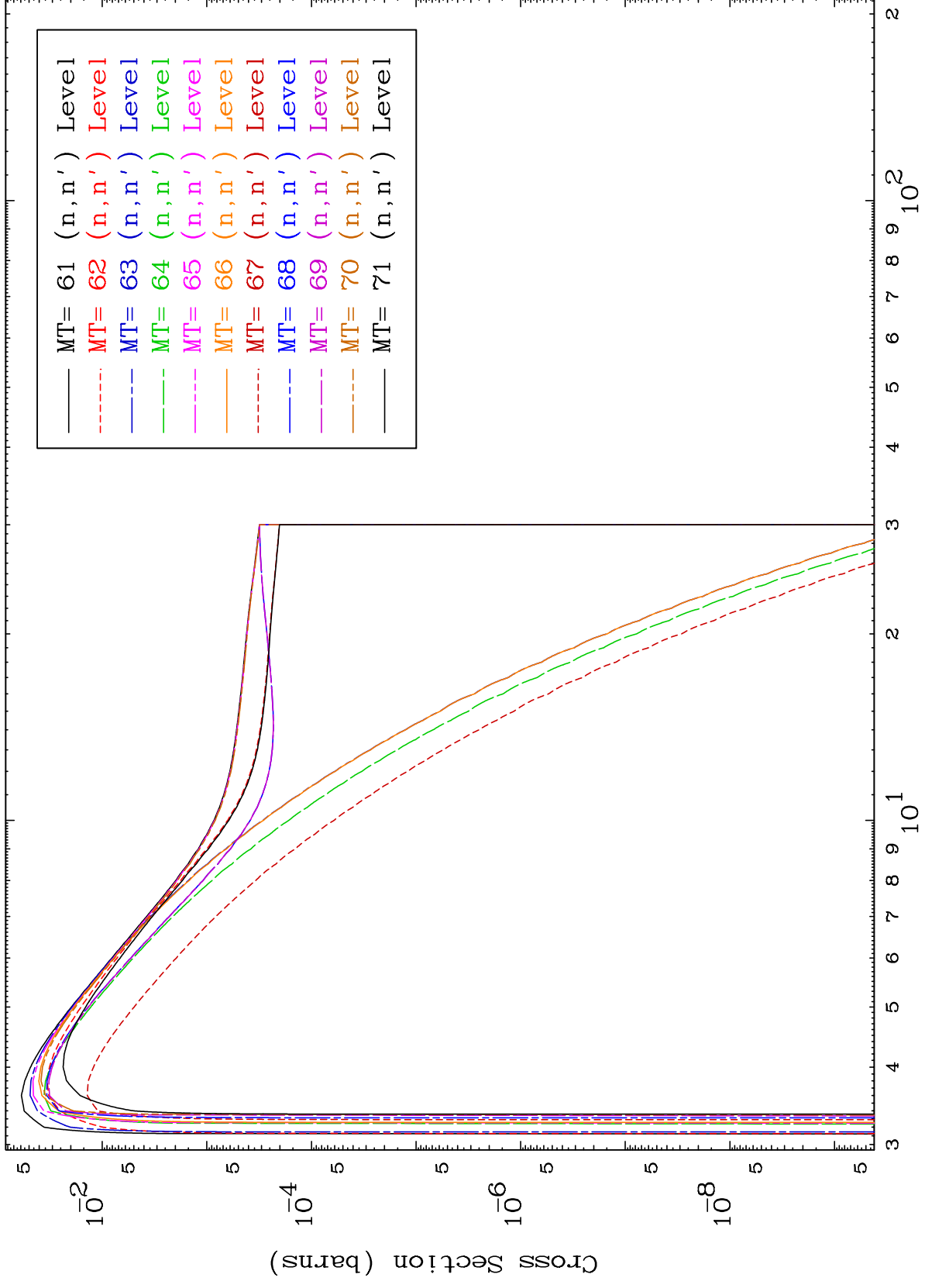
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MAT 3025

(n,n') Level

293 Kelvin Cross Sections

30-Zn-64



8

Incident Energy (MeV)

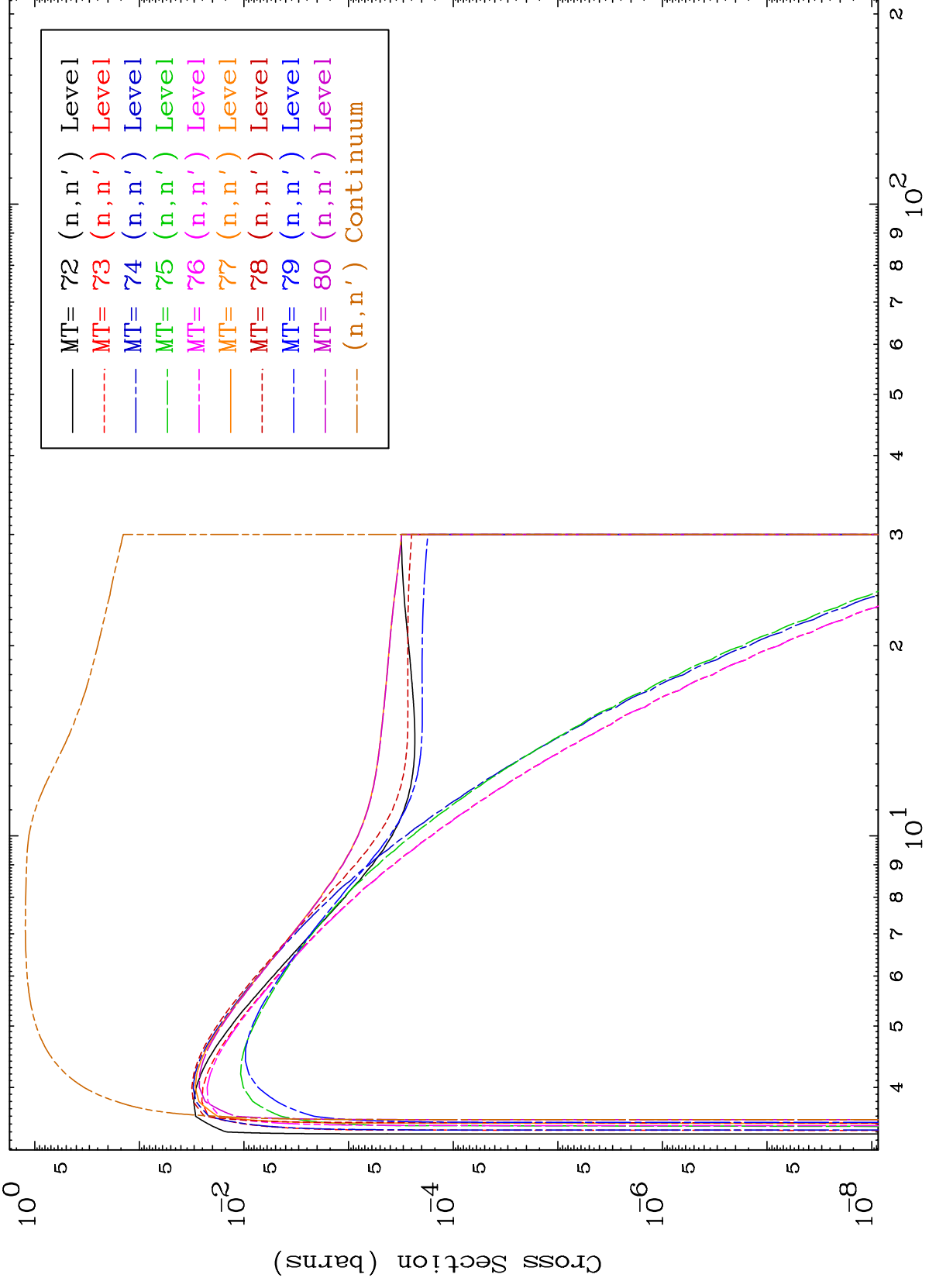
30-Zn-64

MAT 3025

(n,n') Level

30-Zn-64

293 Kelvin Cross Sections



9

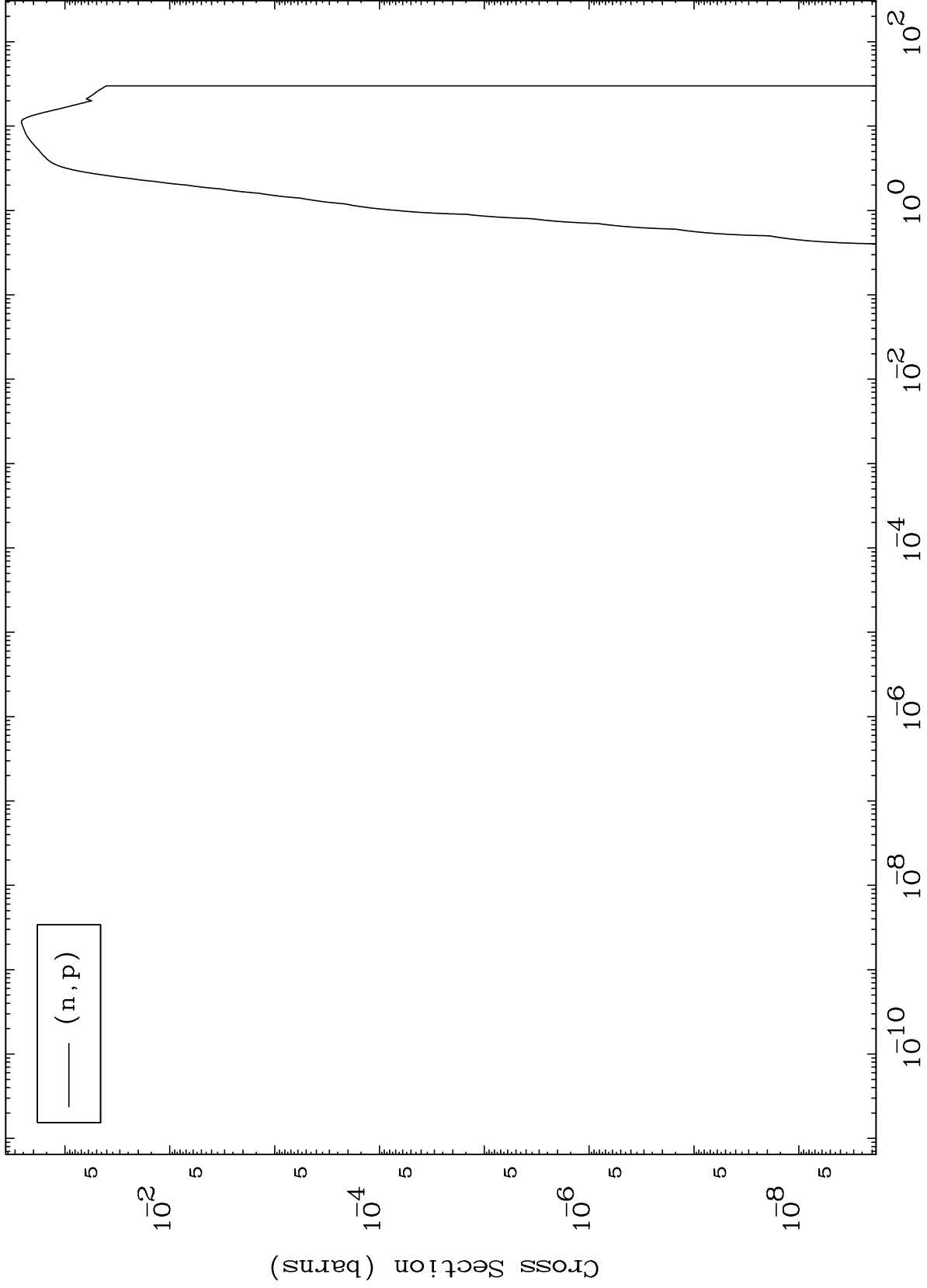
Incident Energy (MeV)

30-Zn-64

MAT 3025

(n,p) Levels
293 Kelvin Cross Sections

30-Zn-64



10

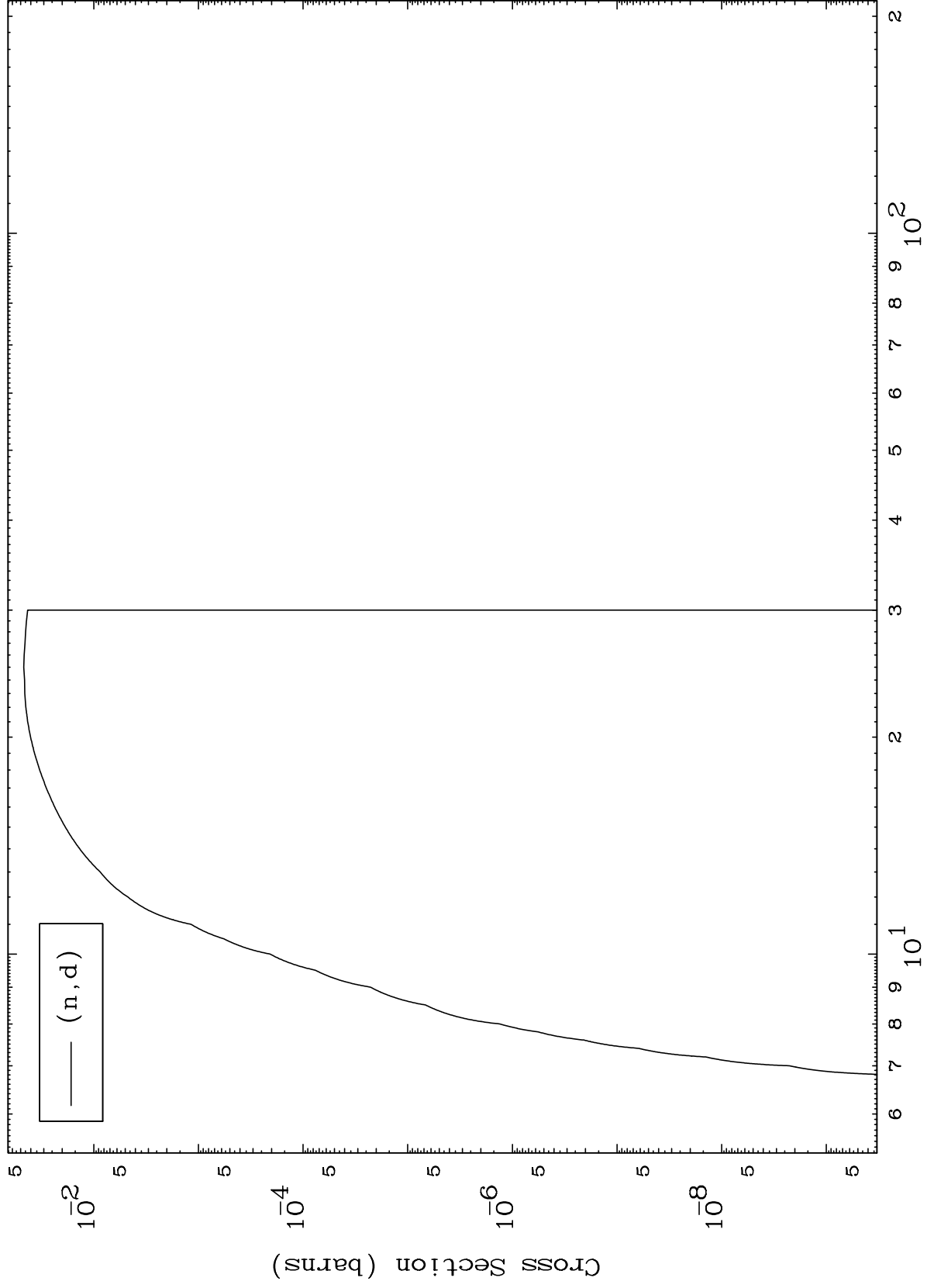
Incident Energy (MeV)

30-Zn-64

MAT 3025

(n,d) Levels
293 Kelvin Cross Sections

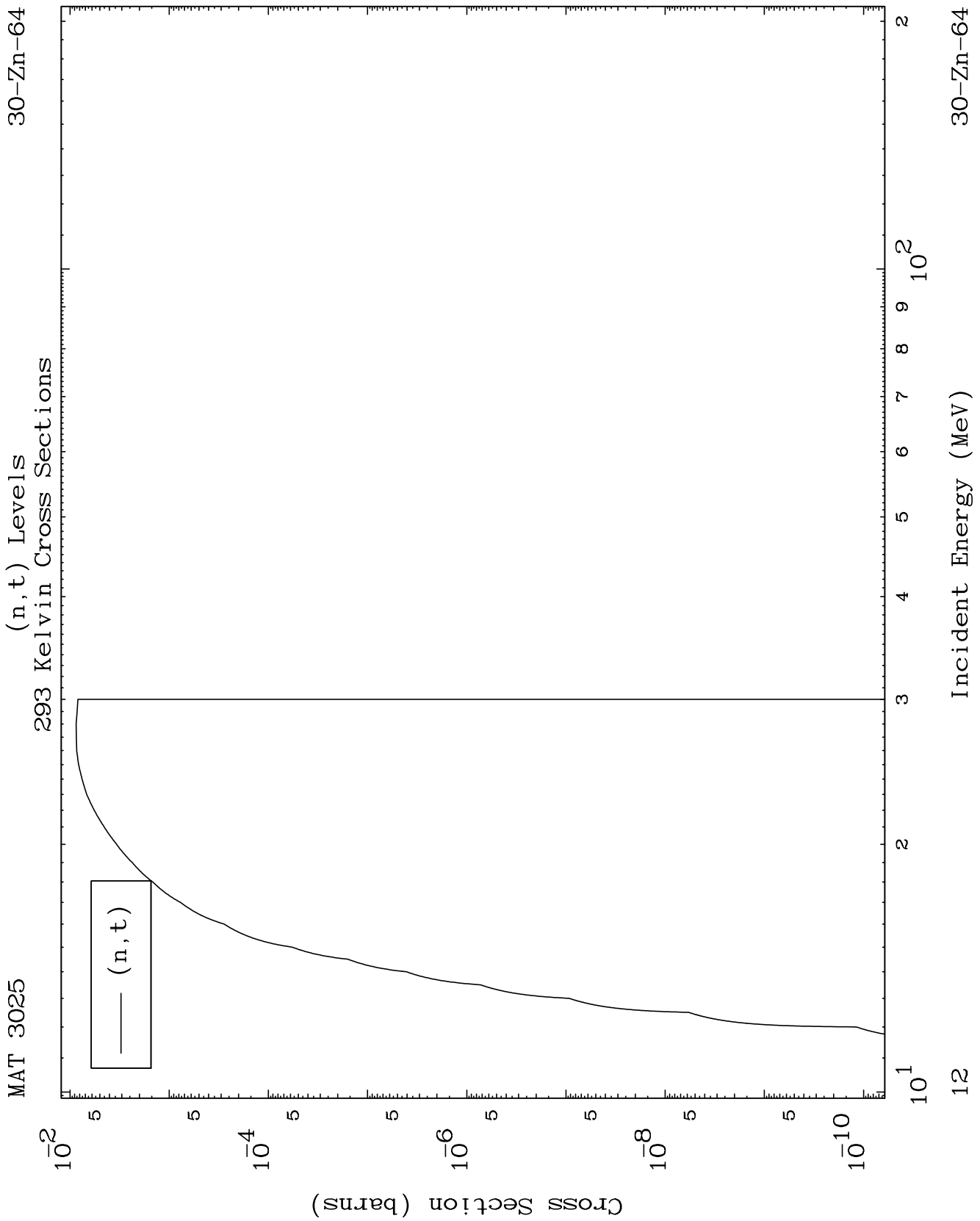
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Incident Energy (MeV)

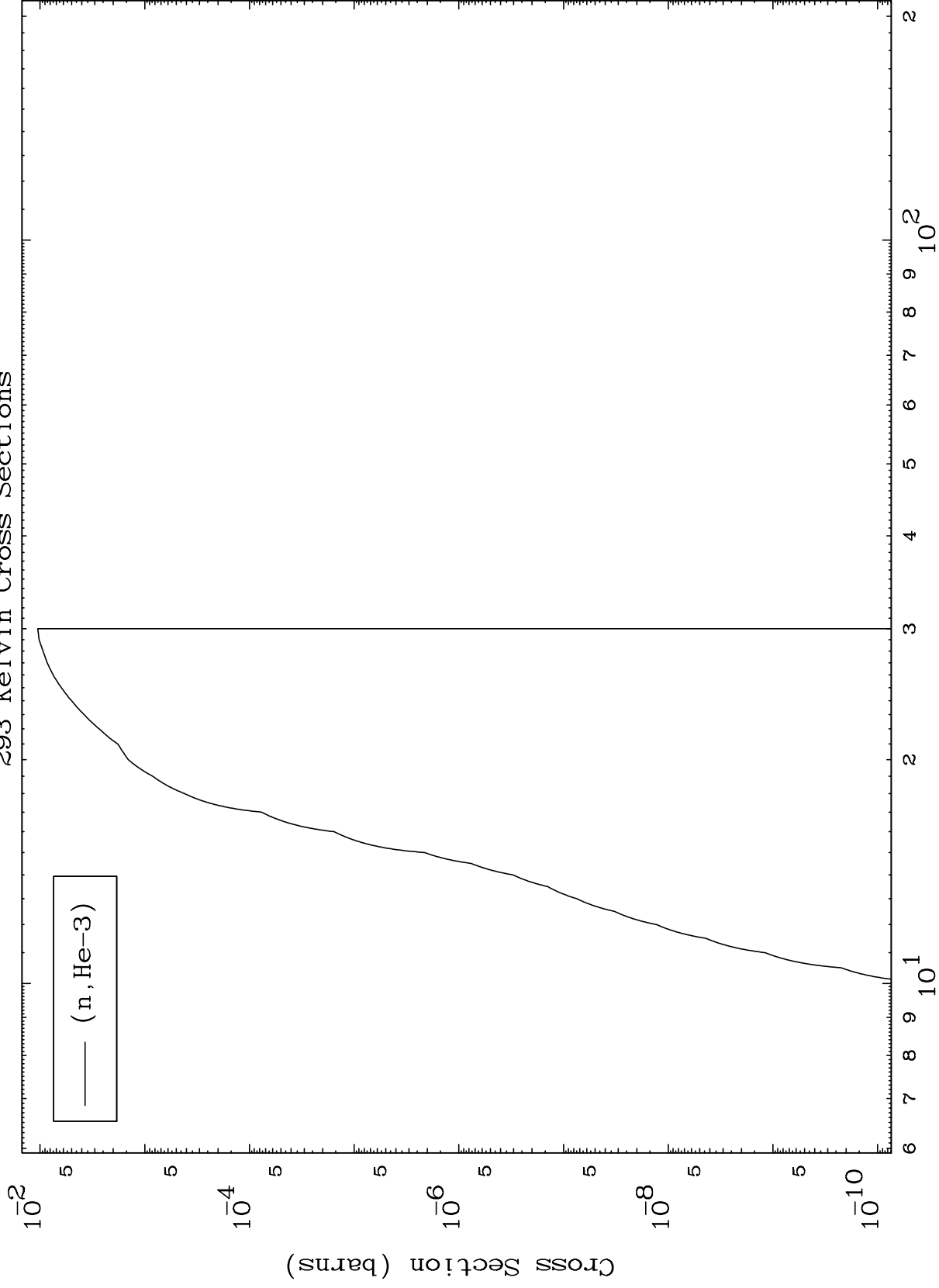
30-Zn-64



MAT 3025

(n,He3) Levels
293 Kelvin Cross Sections

30-Zn-64



13

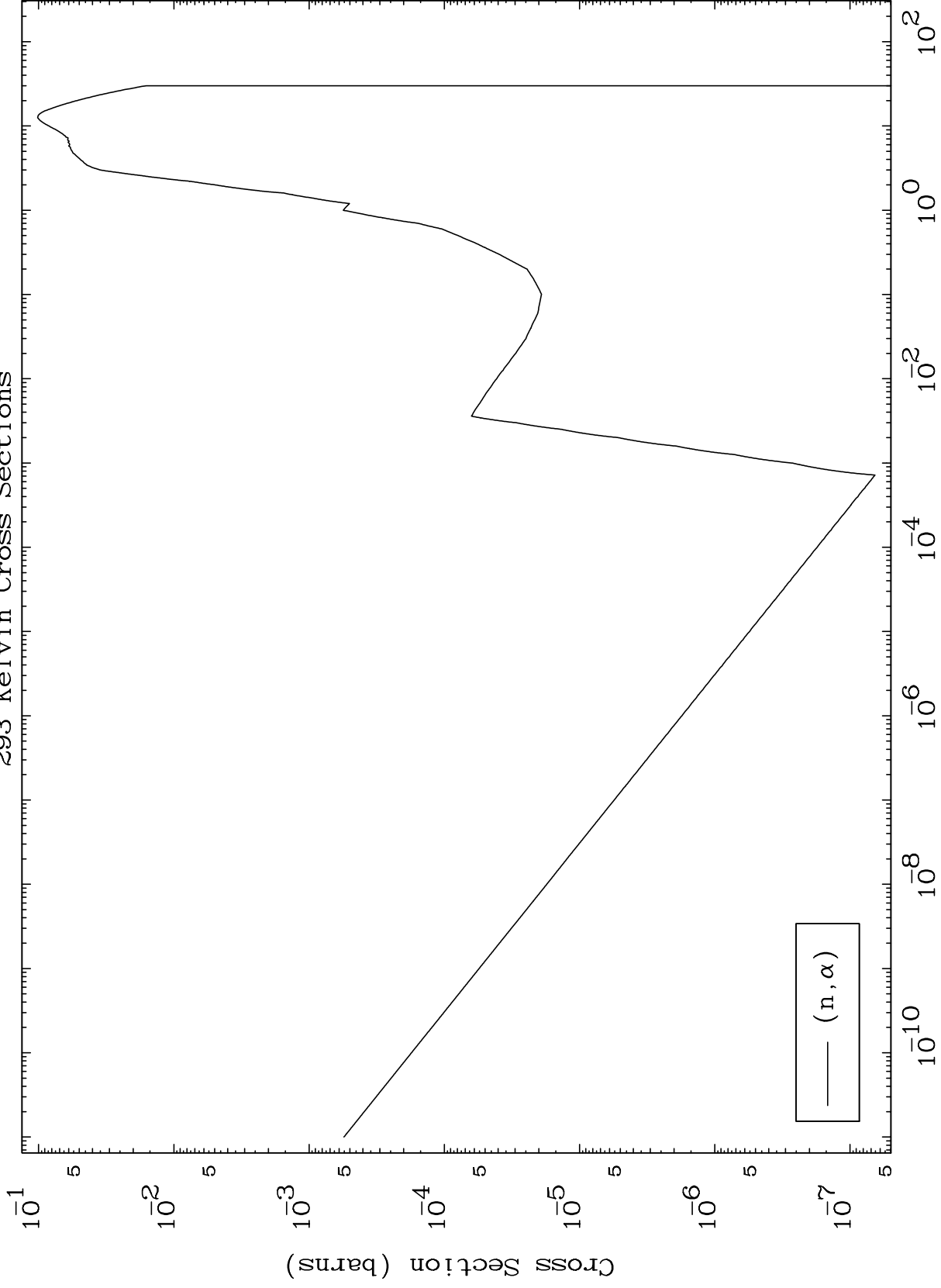
Incident Energy (MeV)

30-Zn-64

MAT 3025

(n, α) Levels
293 Kelvin Cross Sections

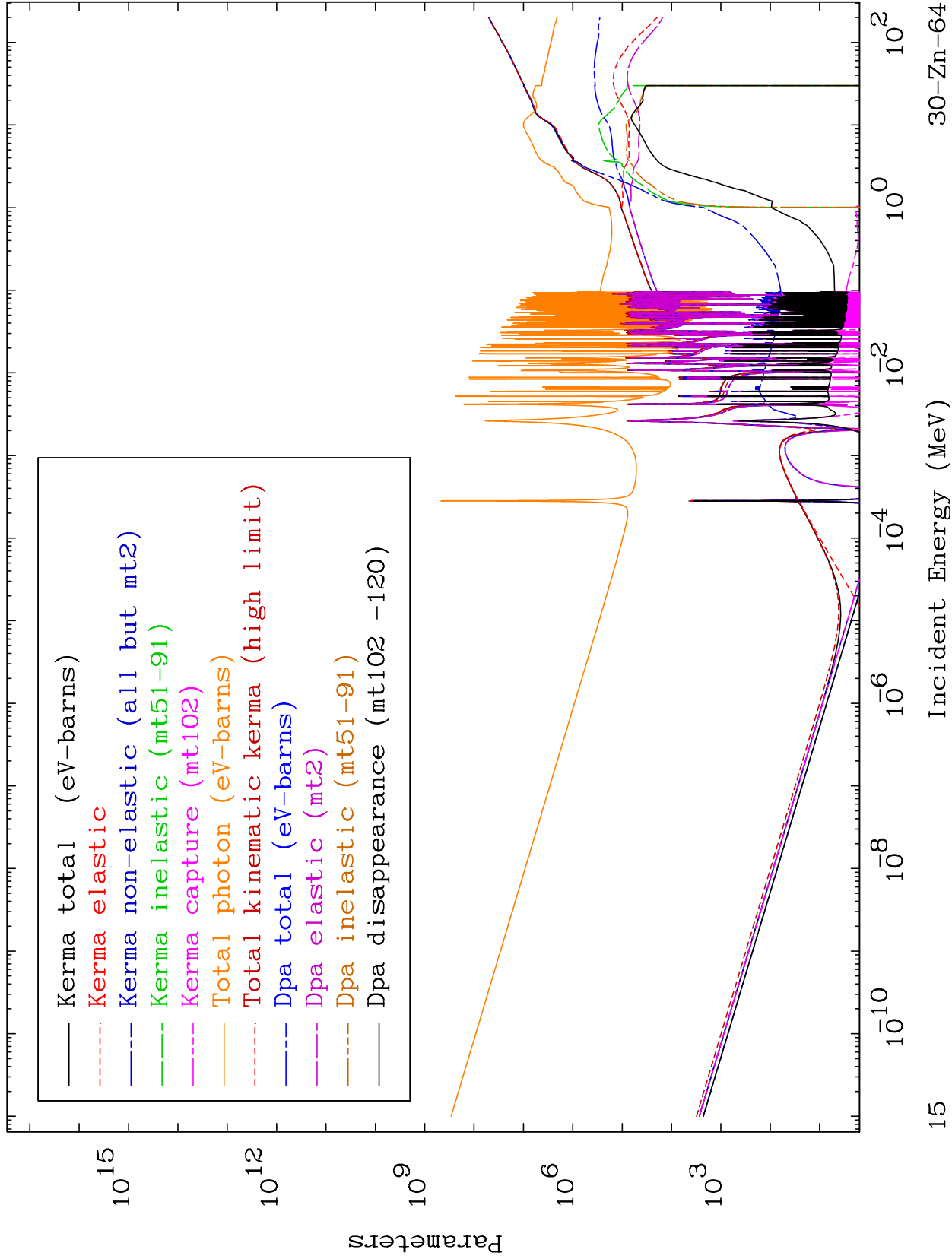
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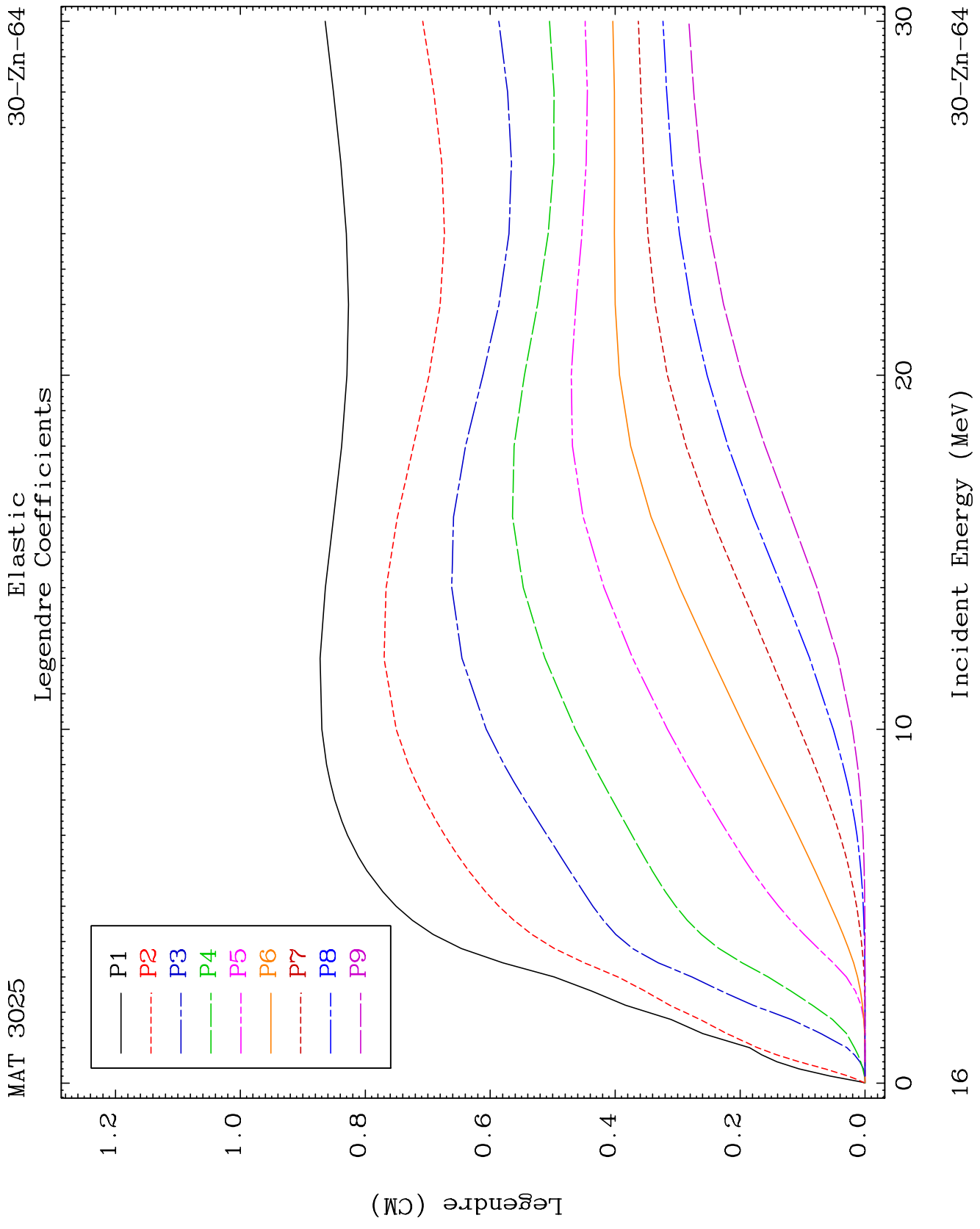


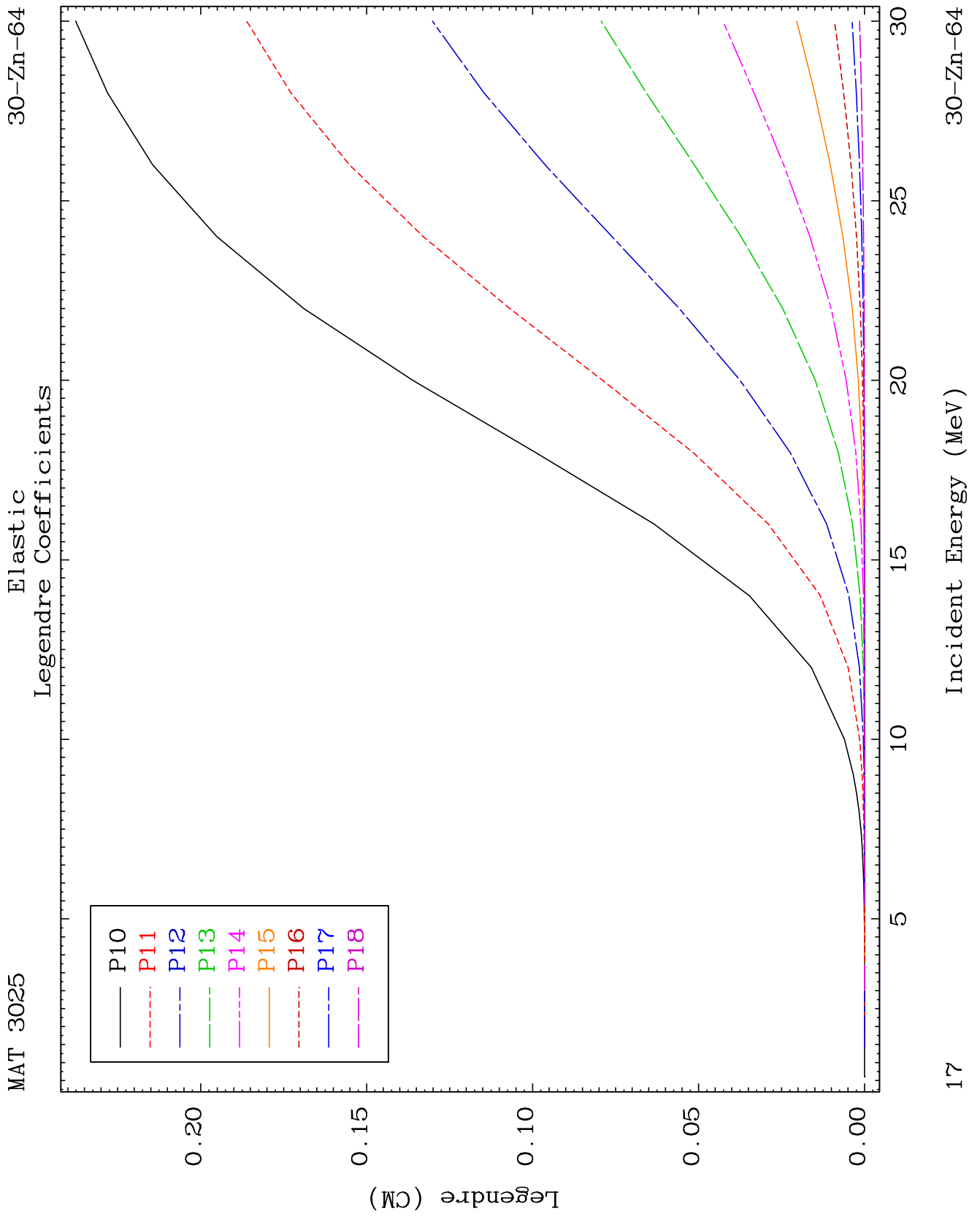
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Incident Energy (MeV)

30-Zn-64







MAT 3025

30-Zn-64

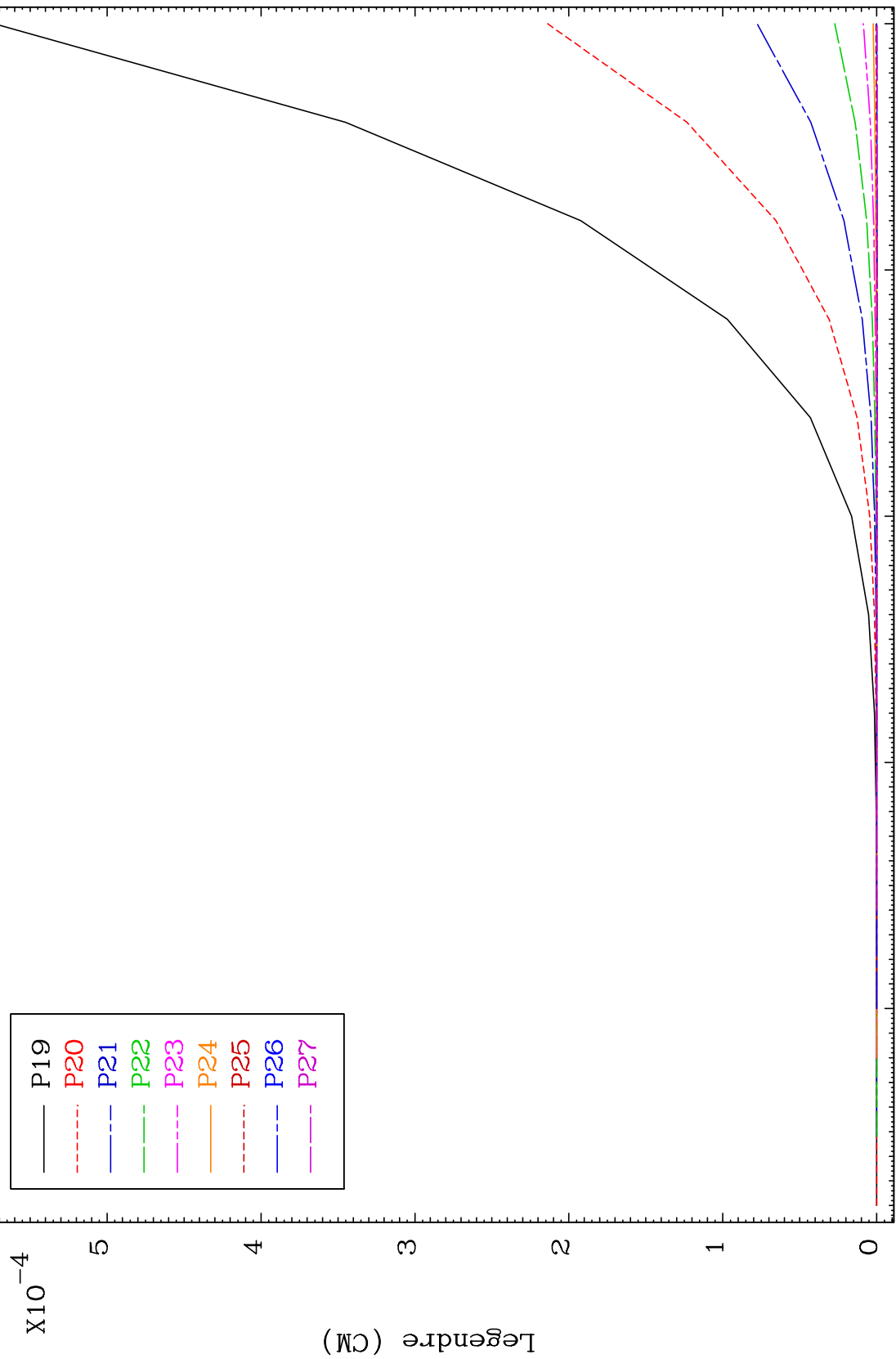
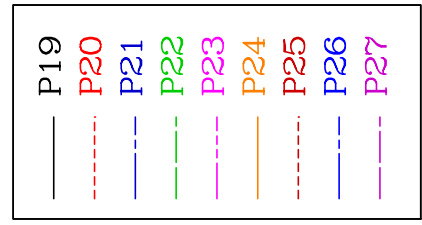
17

30-Zn-64

MAT 3025

Elastic
Legendre Coefficients

30-Zn-64



18

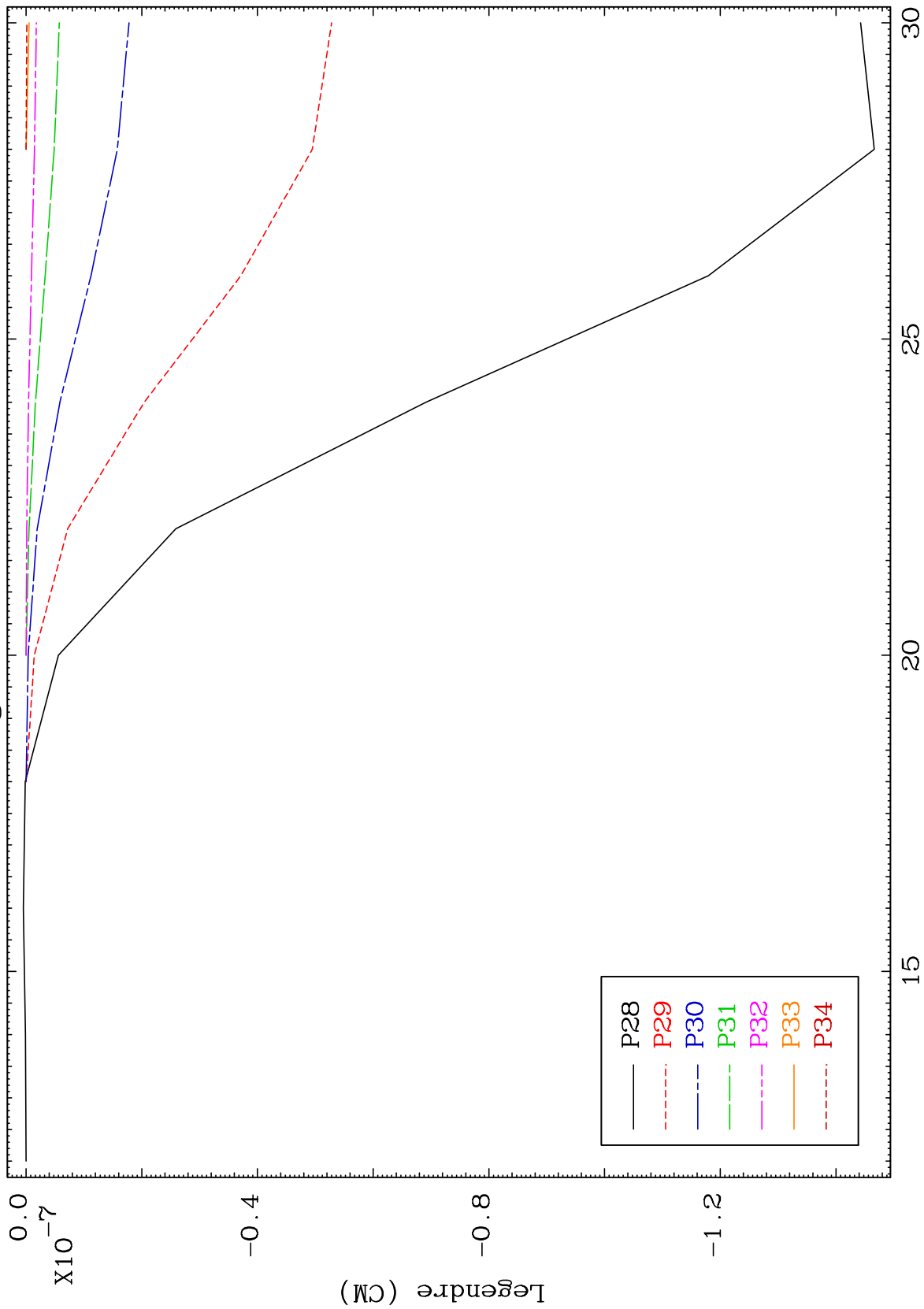
Incident Energy (MeV)

30-Zn-64

MAT 3025

Elastic Legendre Coefficients

30-Zn-64

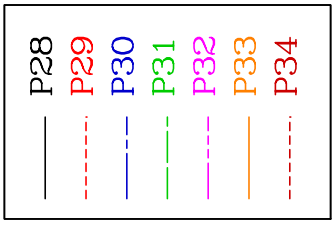


10^{-7}

Legendre (CM)

Incident Energy (MeV)

30-Zn-64

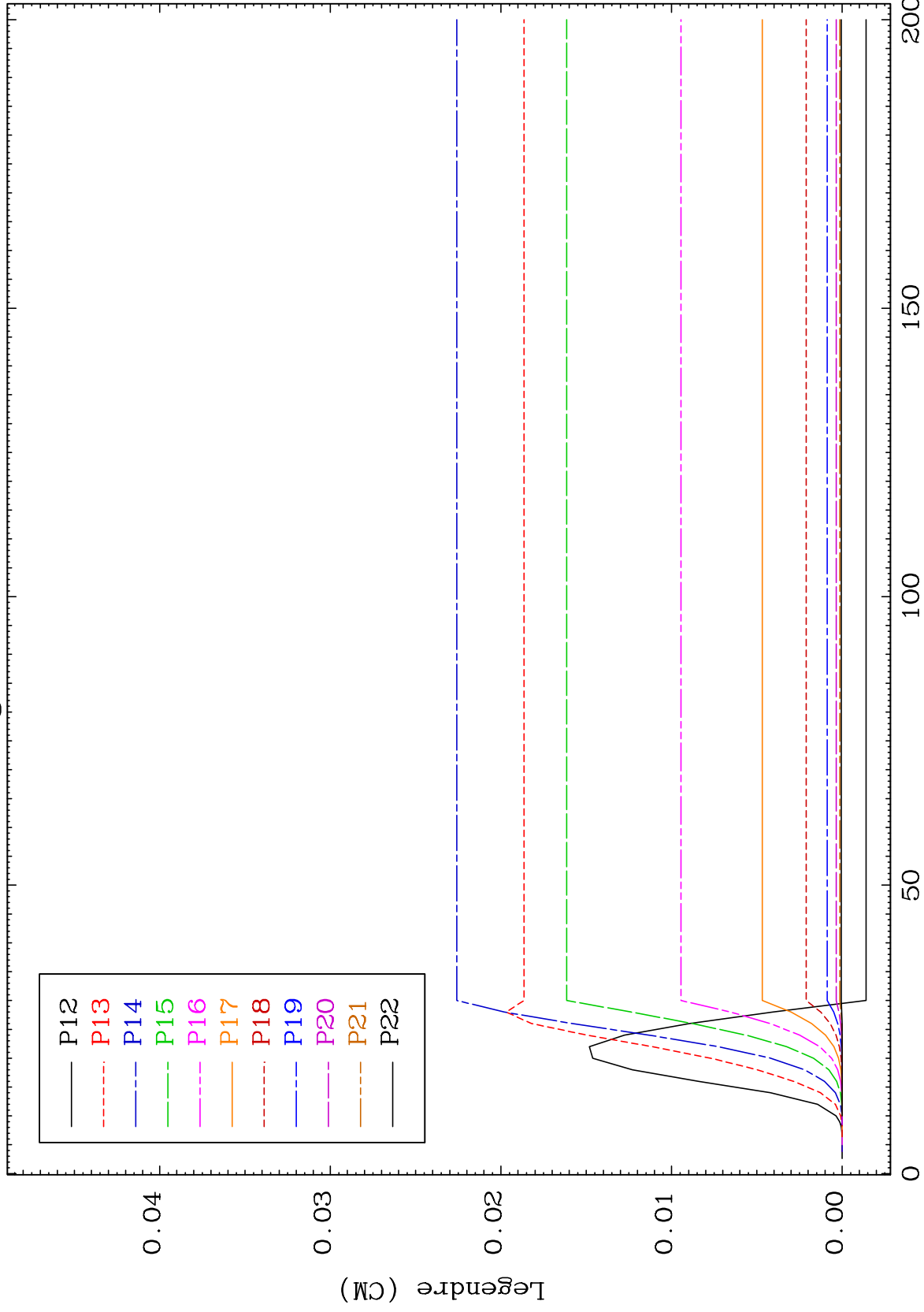


19

MAT 3025

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

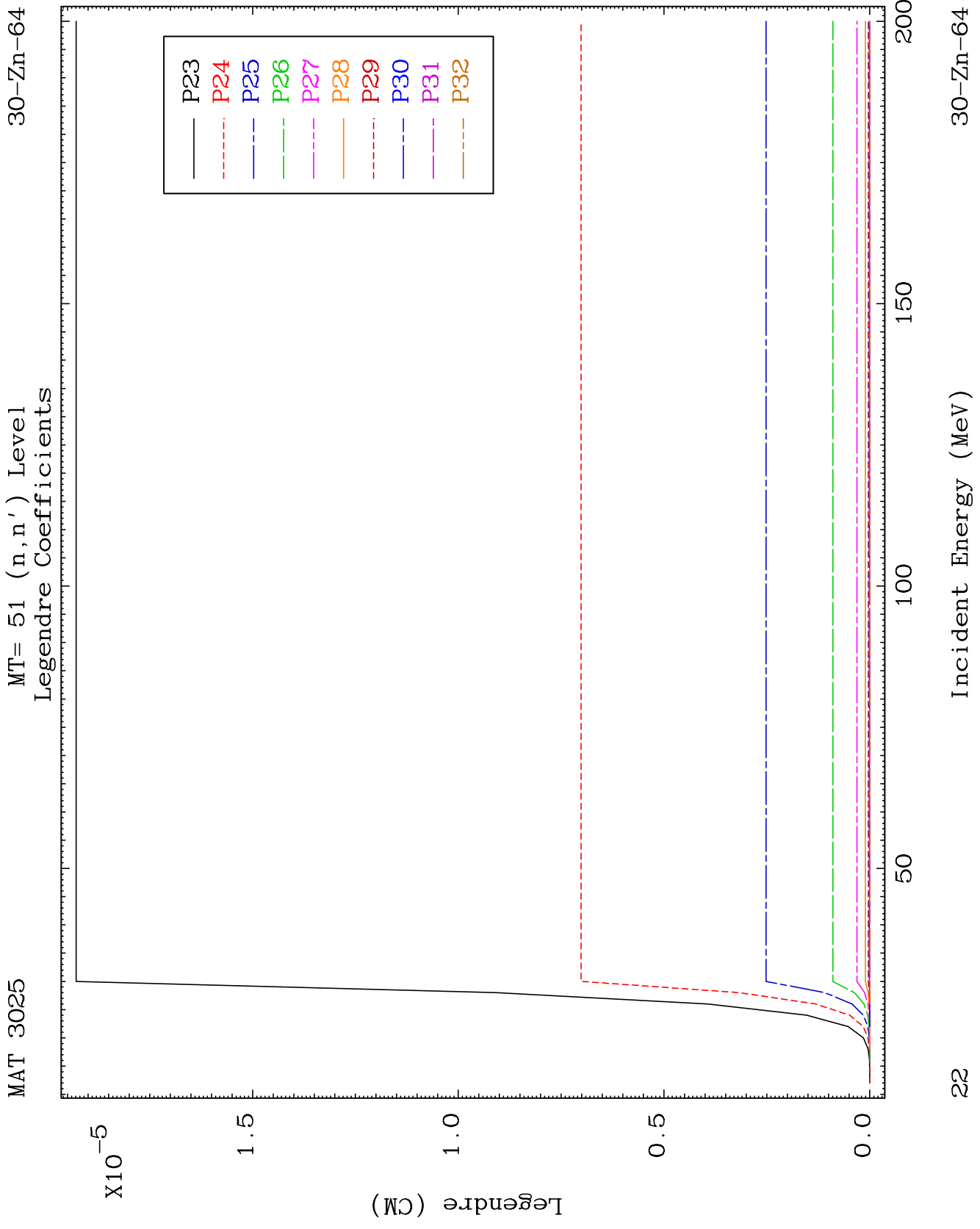
30-Zn-64



21

Incident Energy (MeV)

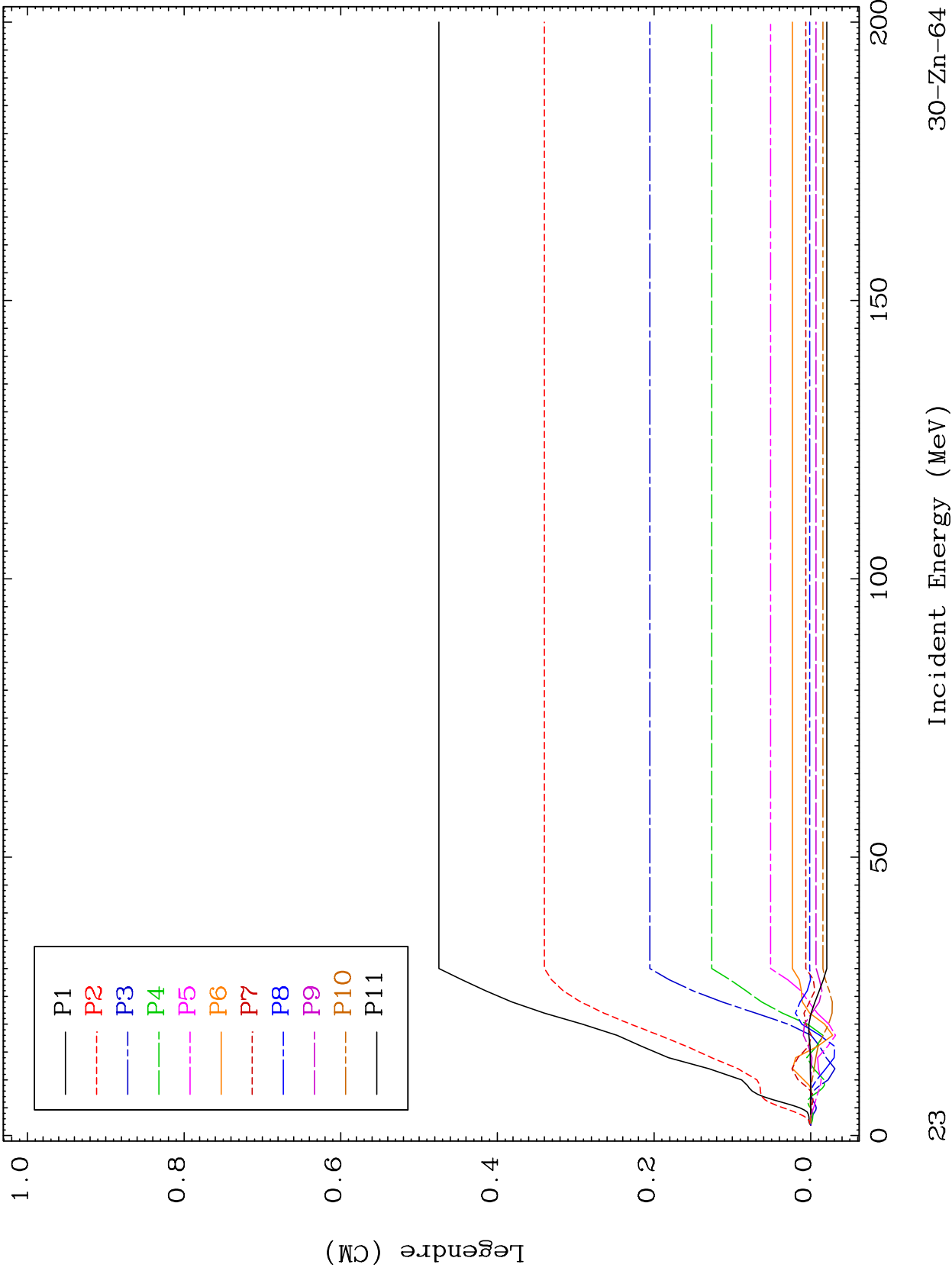
30-Zn-64



MAT 3025

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

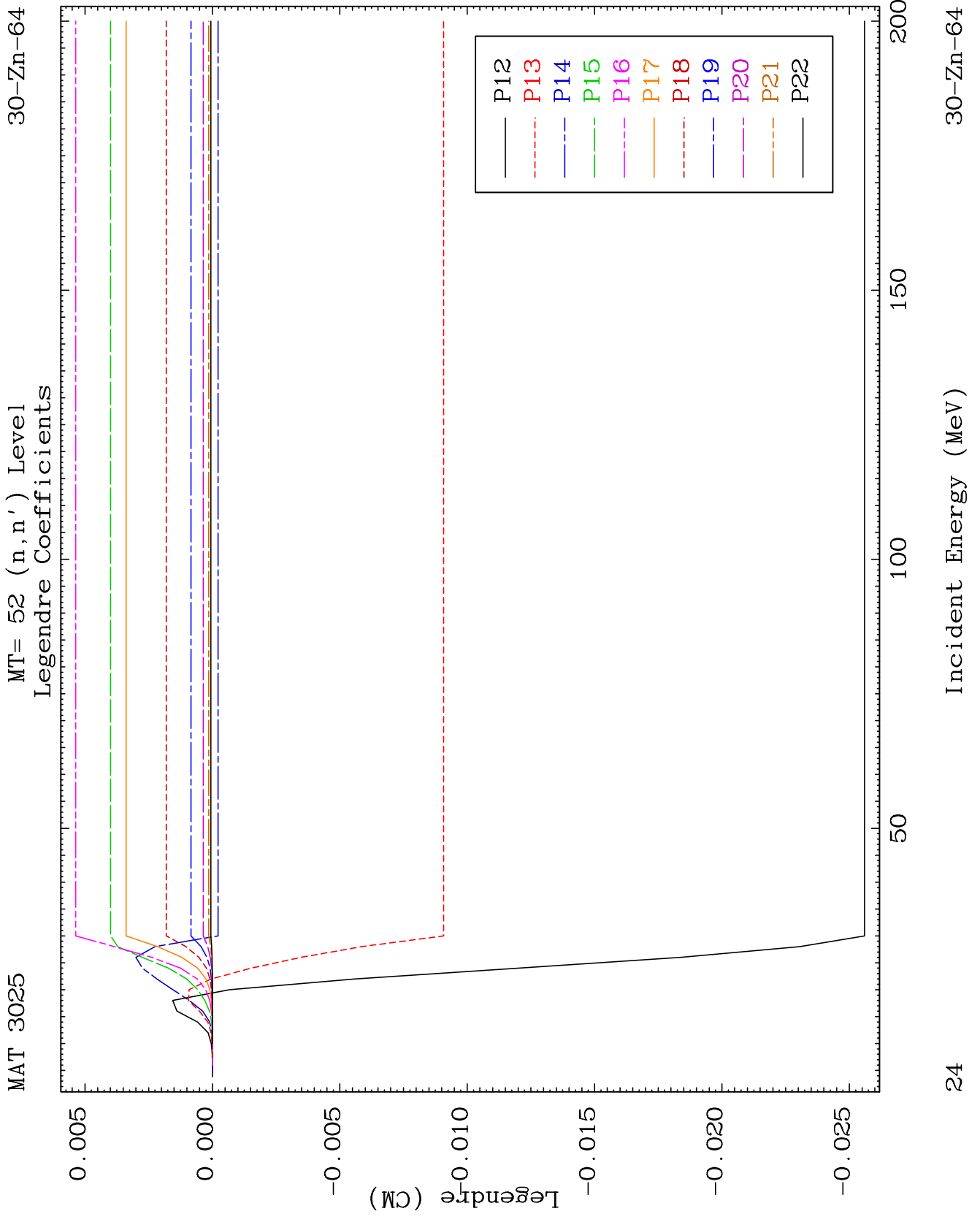
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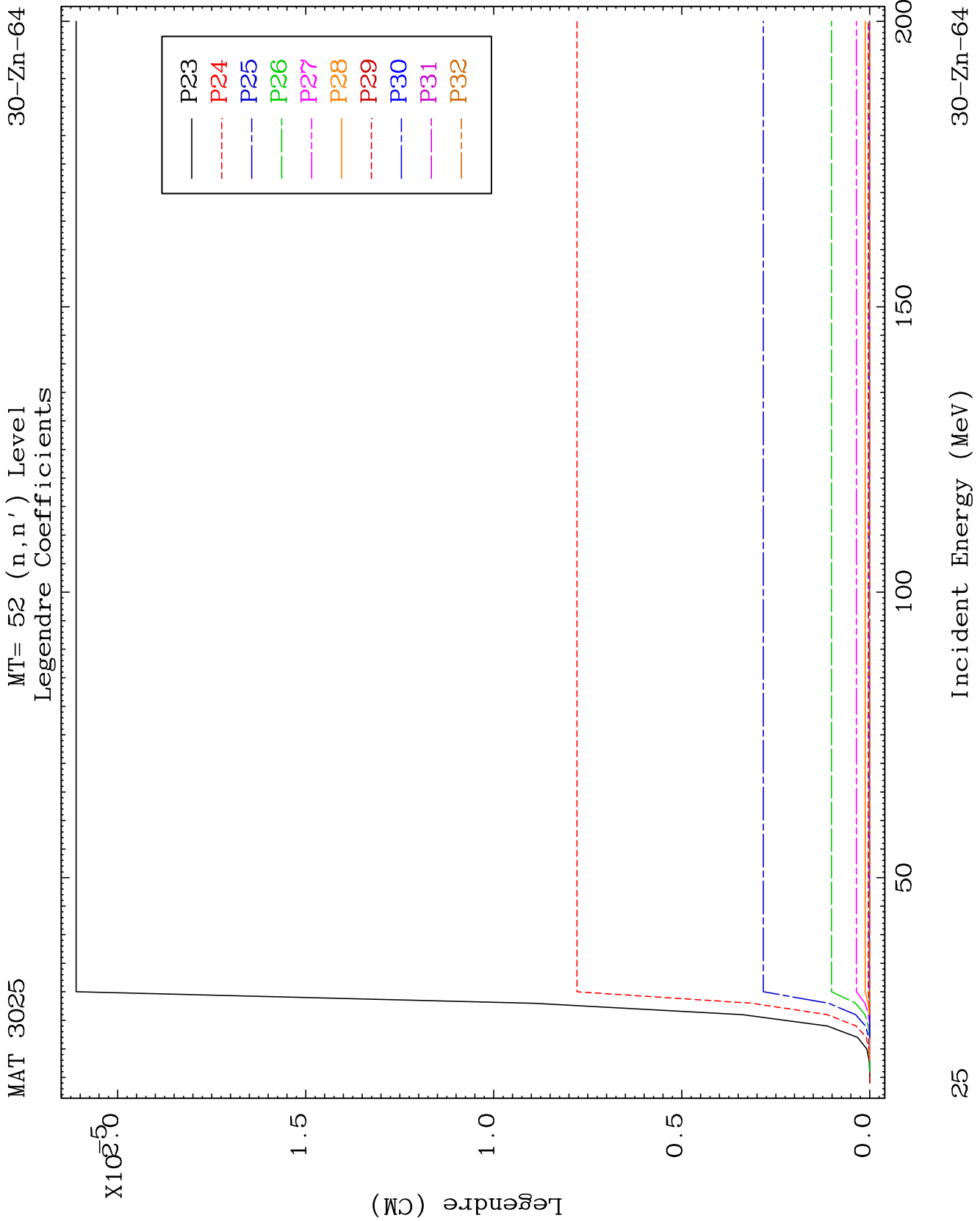


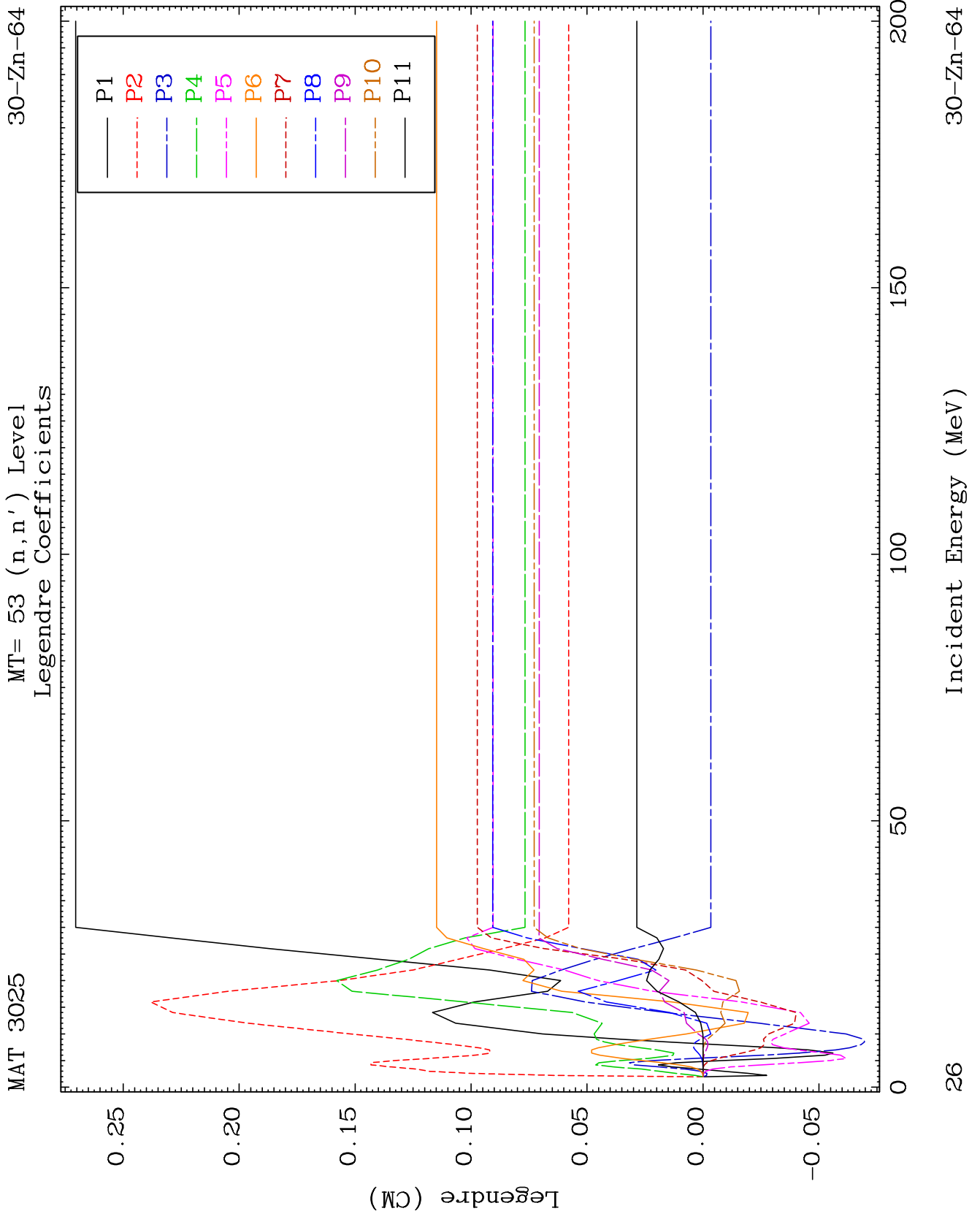
30-Zn-64

Incident Energy (MeV)

23



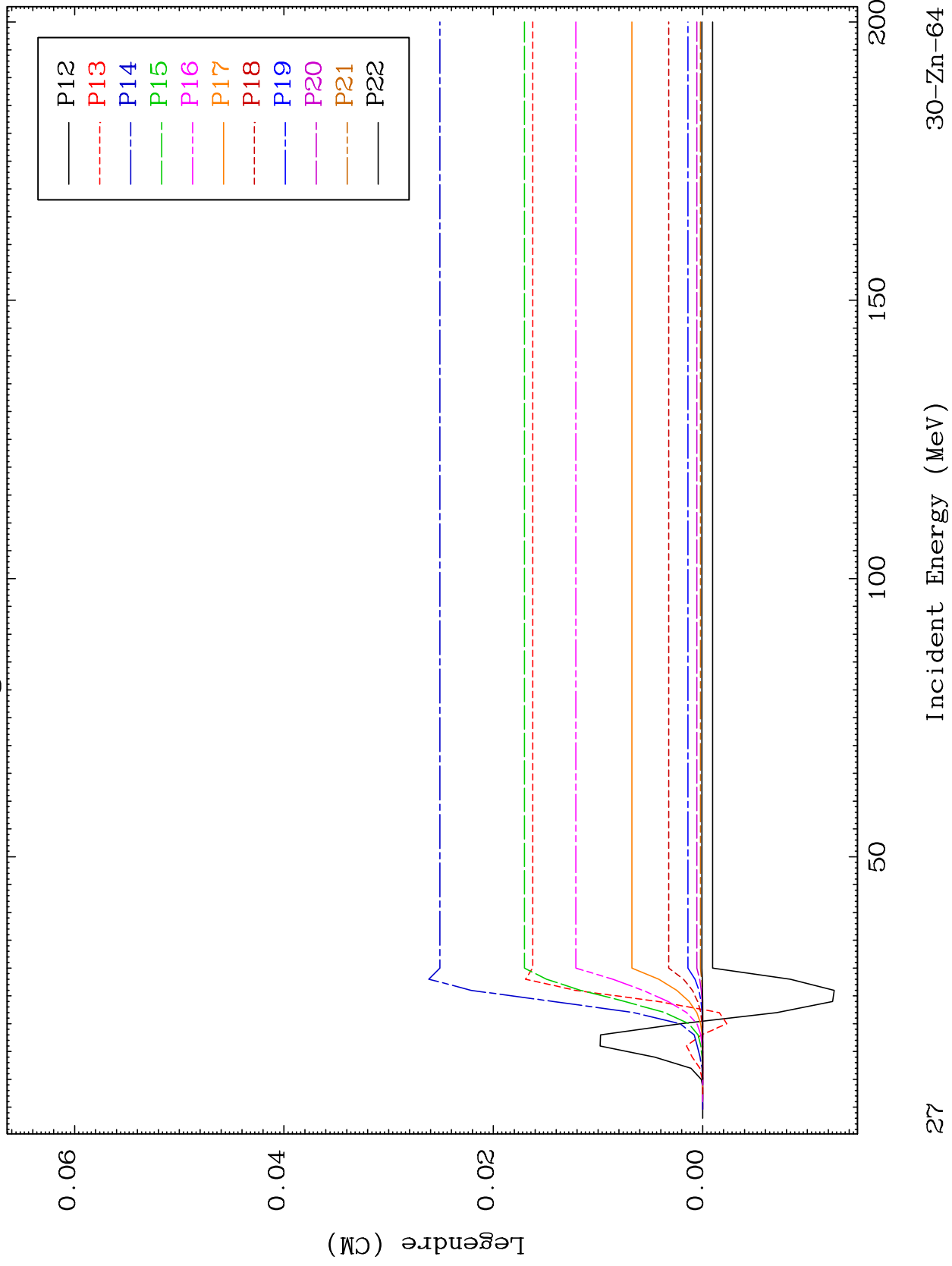




MAT 3025

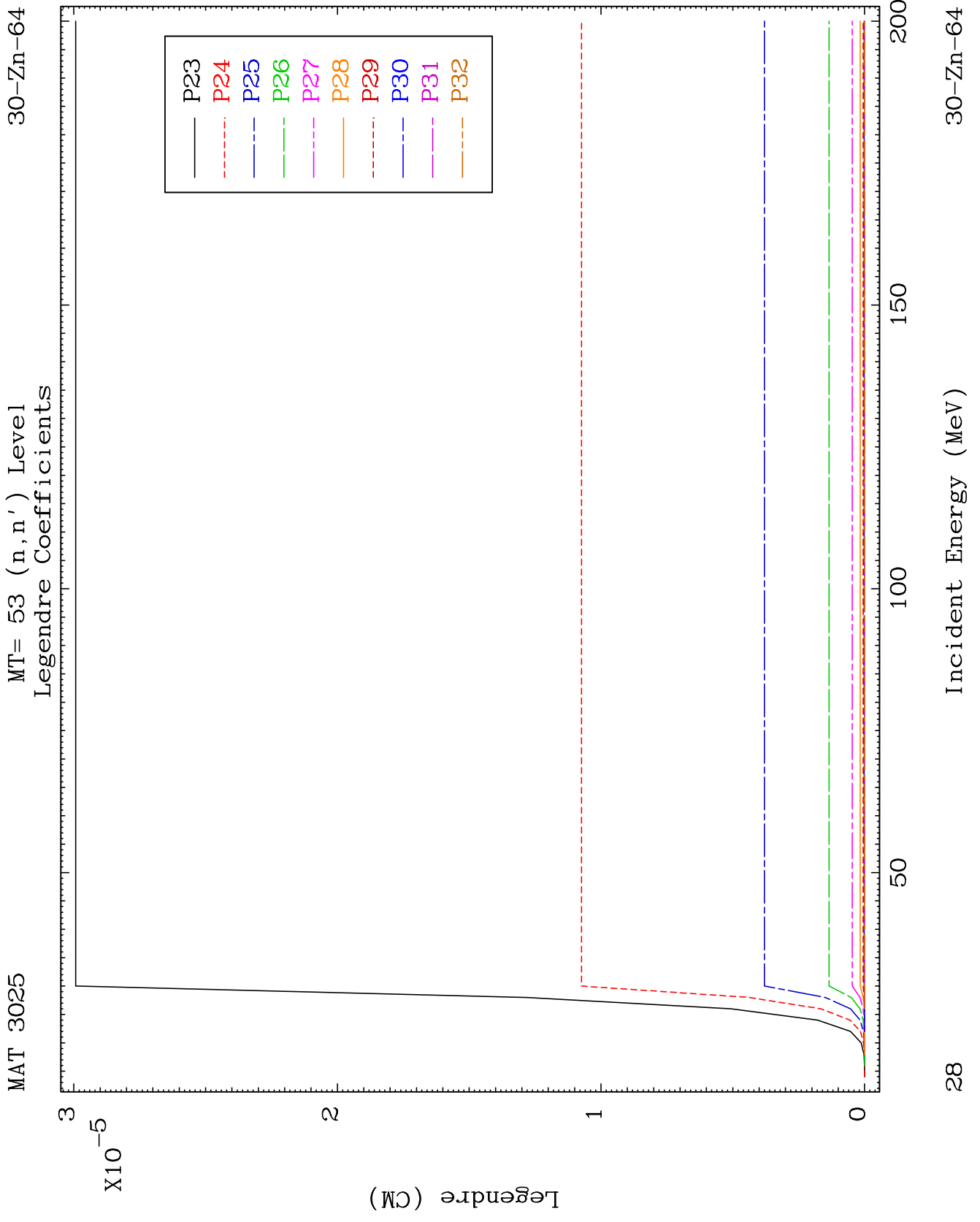
MT= 53 (n,n') Level
Legendre Coefficients

30-Zn-64



27

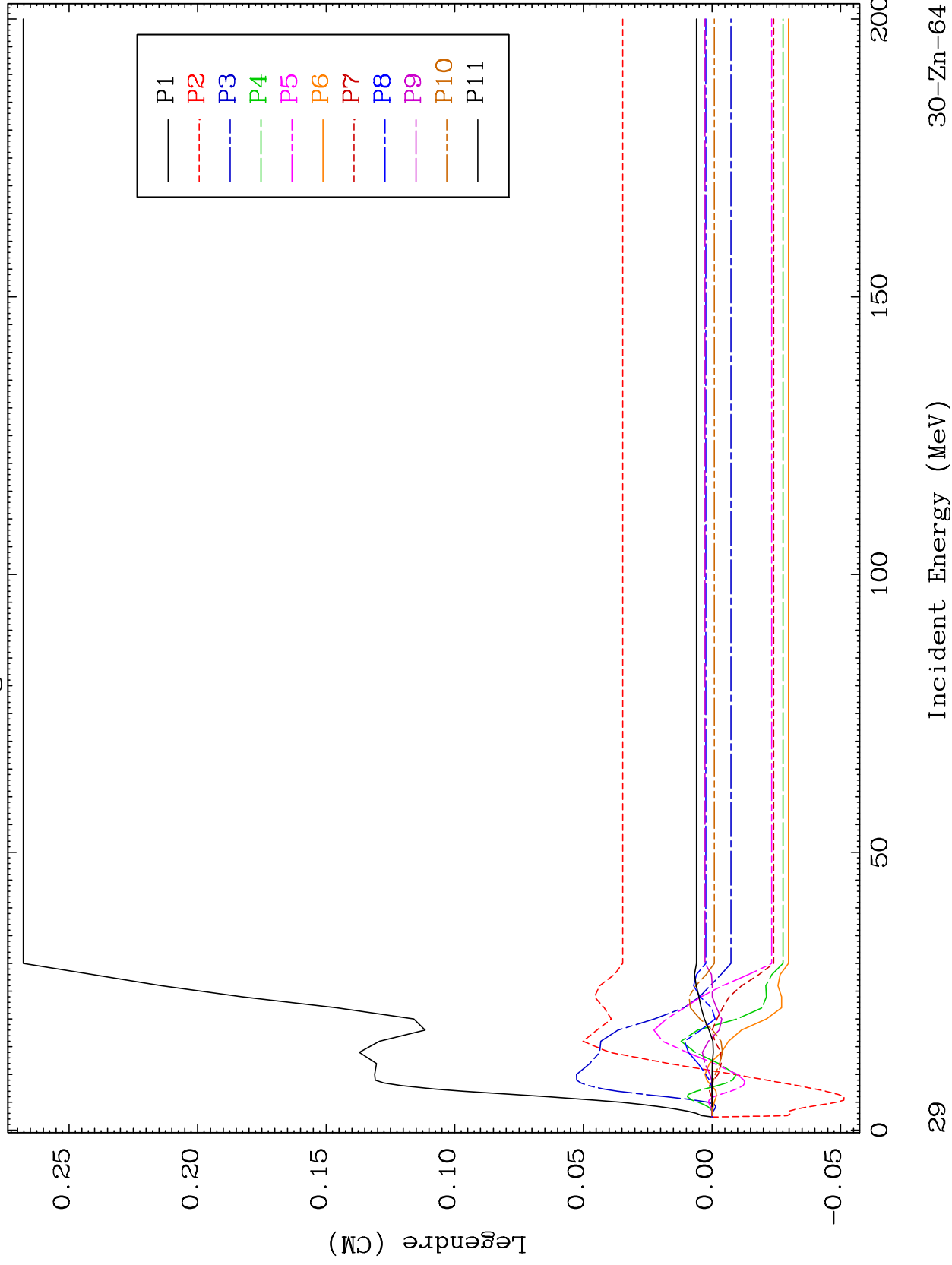
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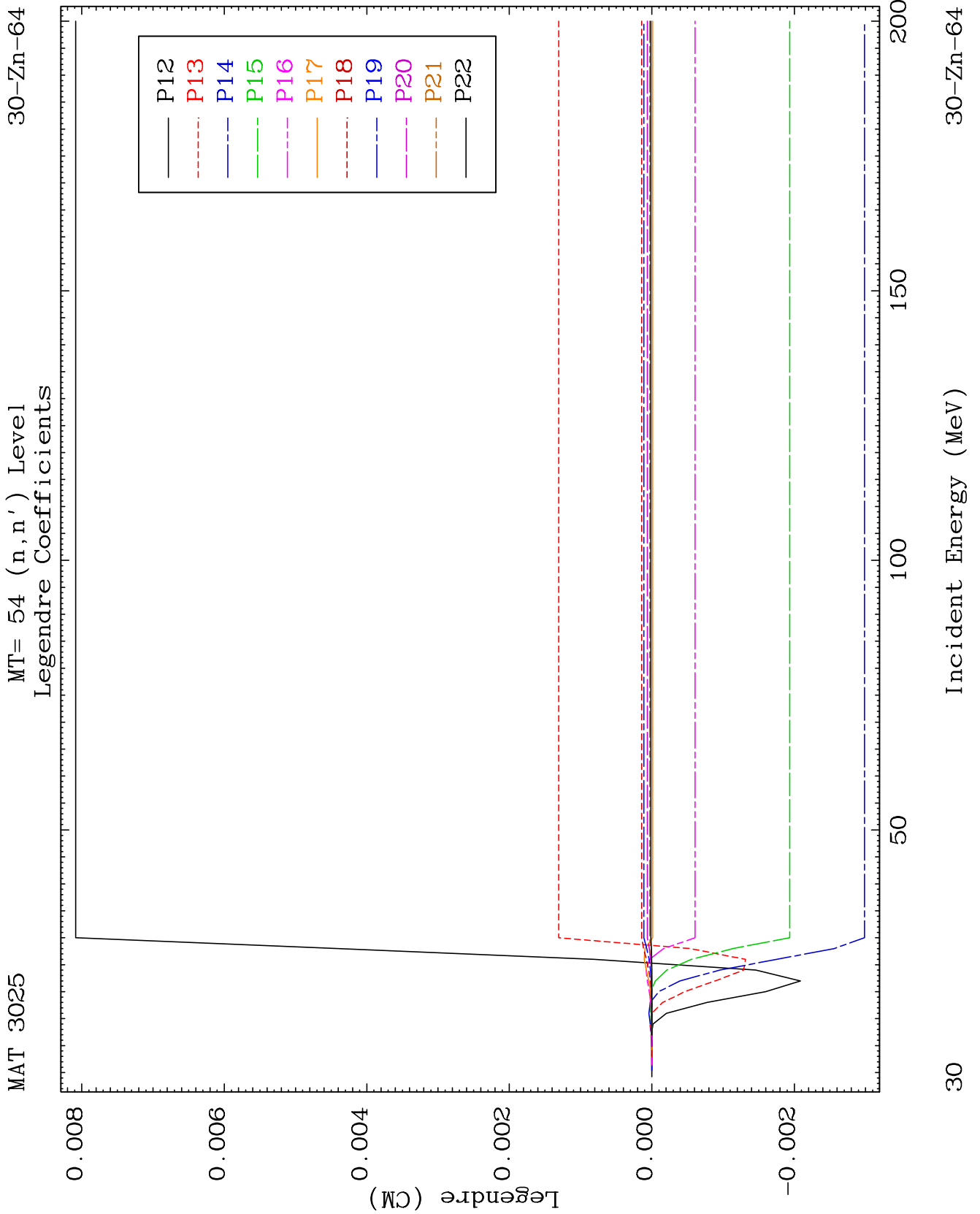


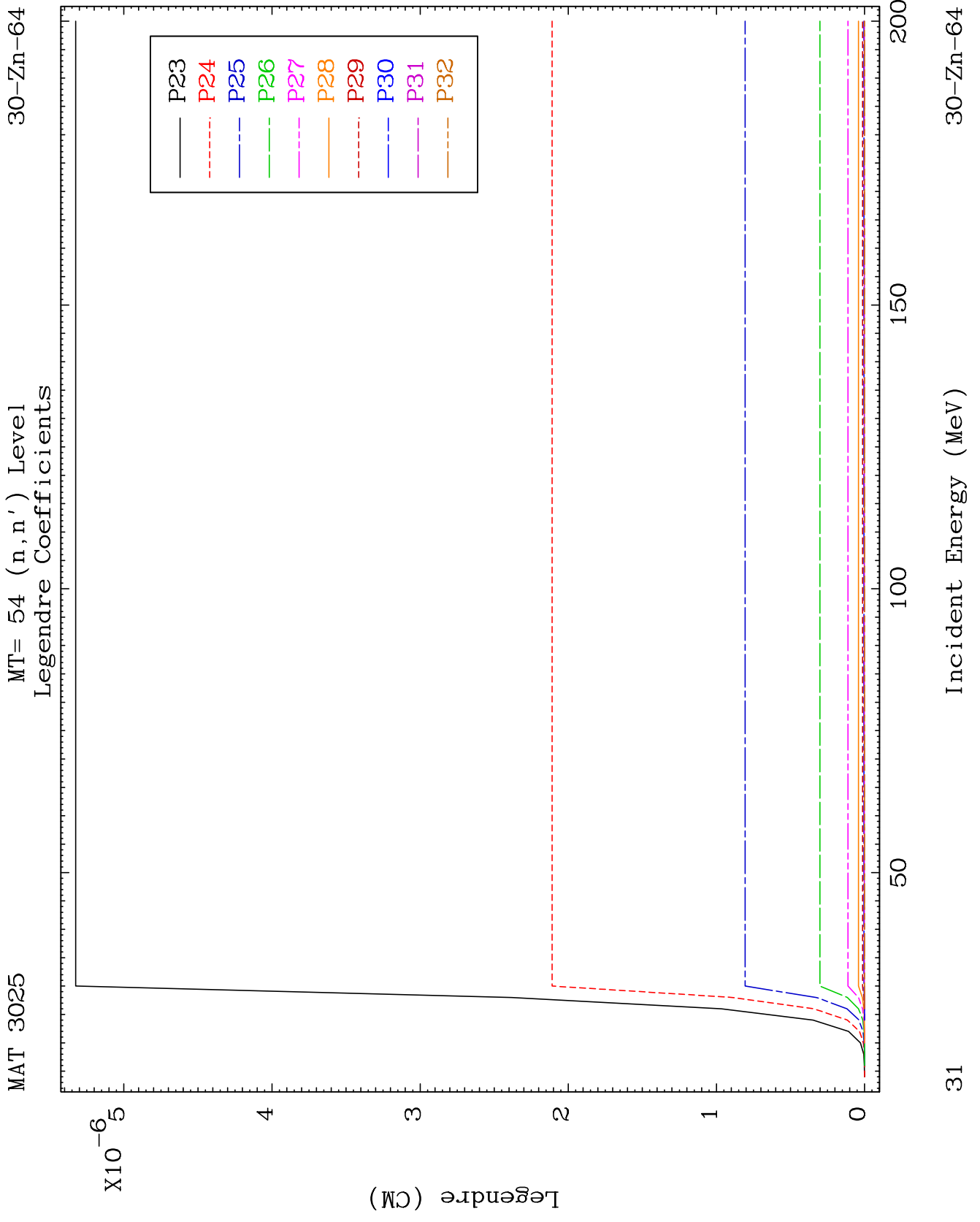
MAT 3025

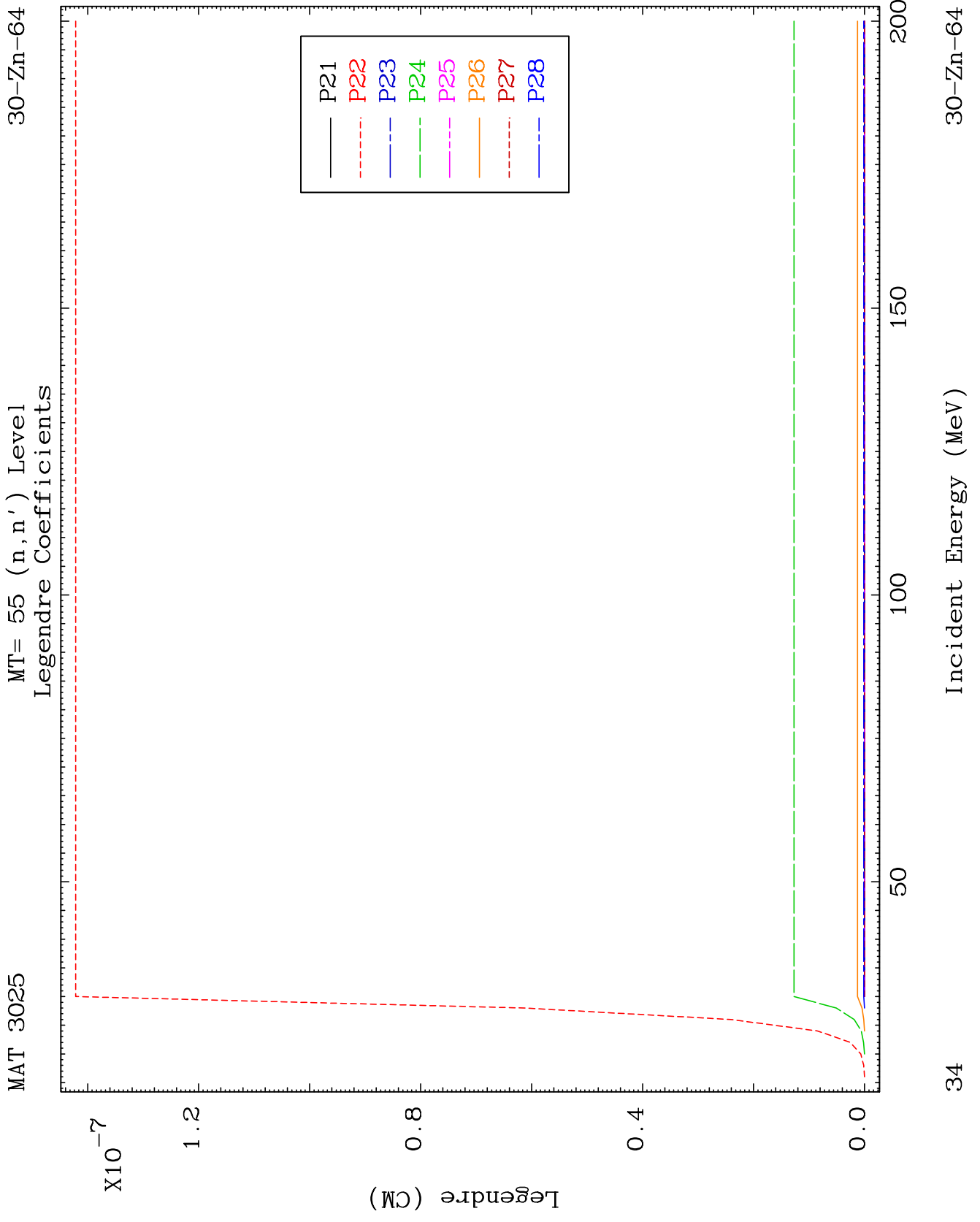
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Legendre Coefficients

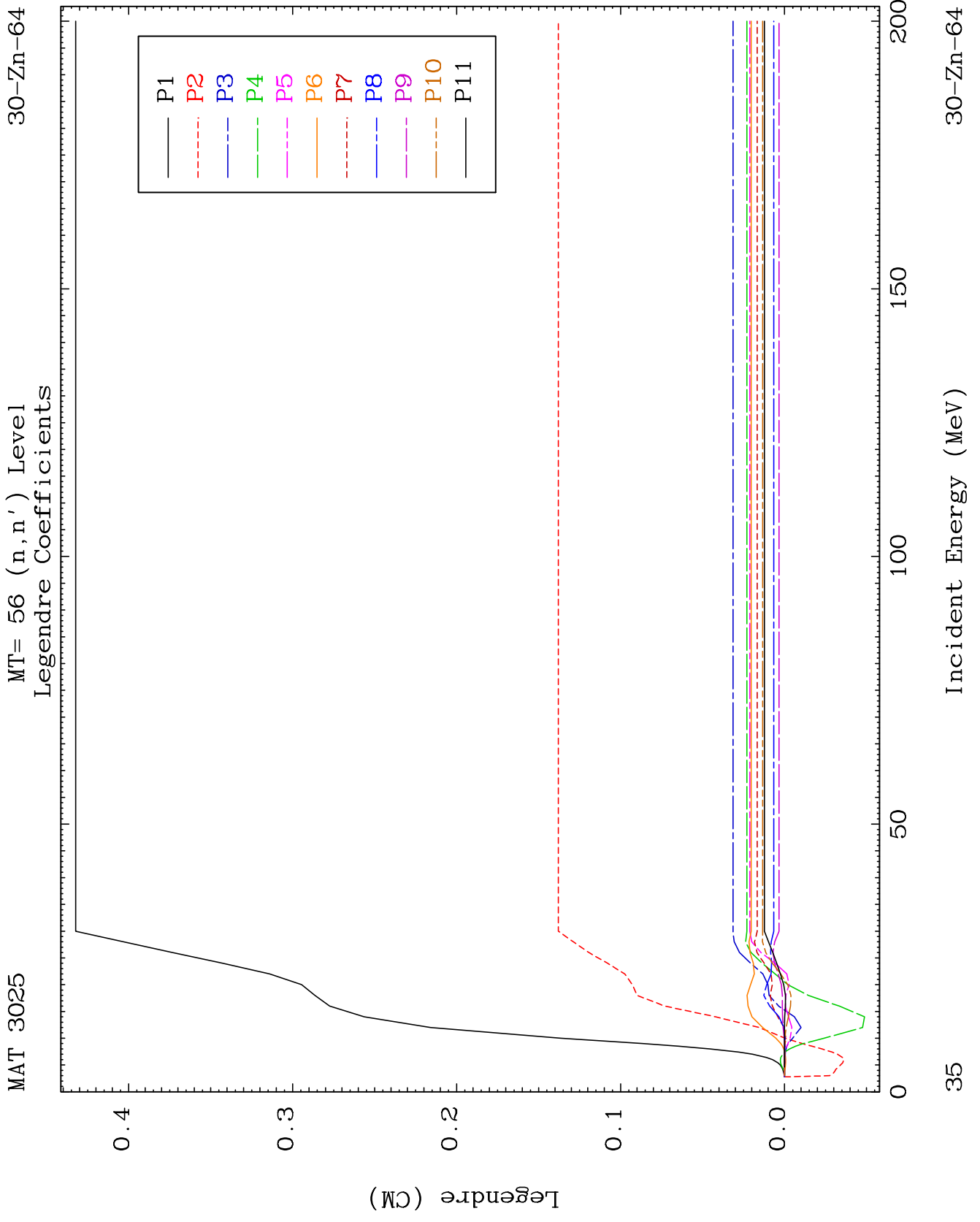
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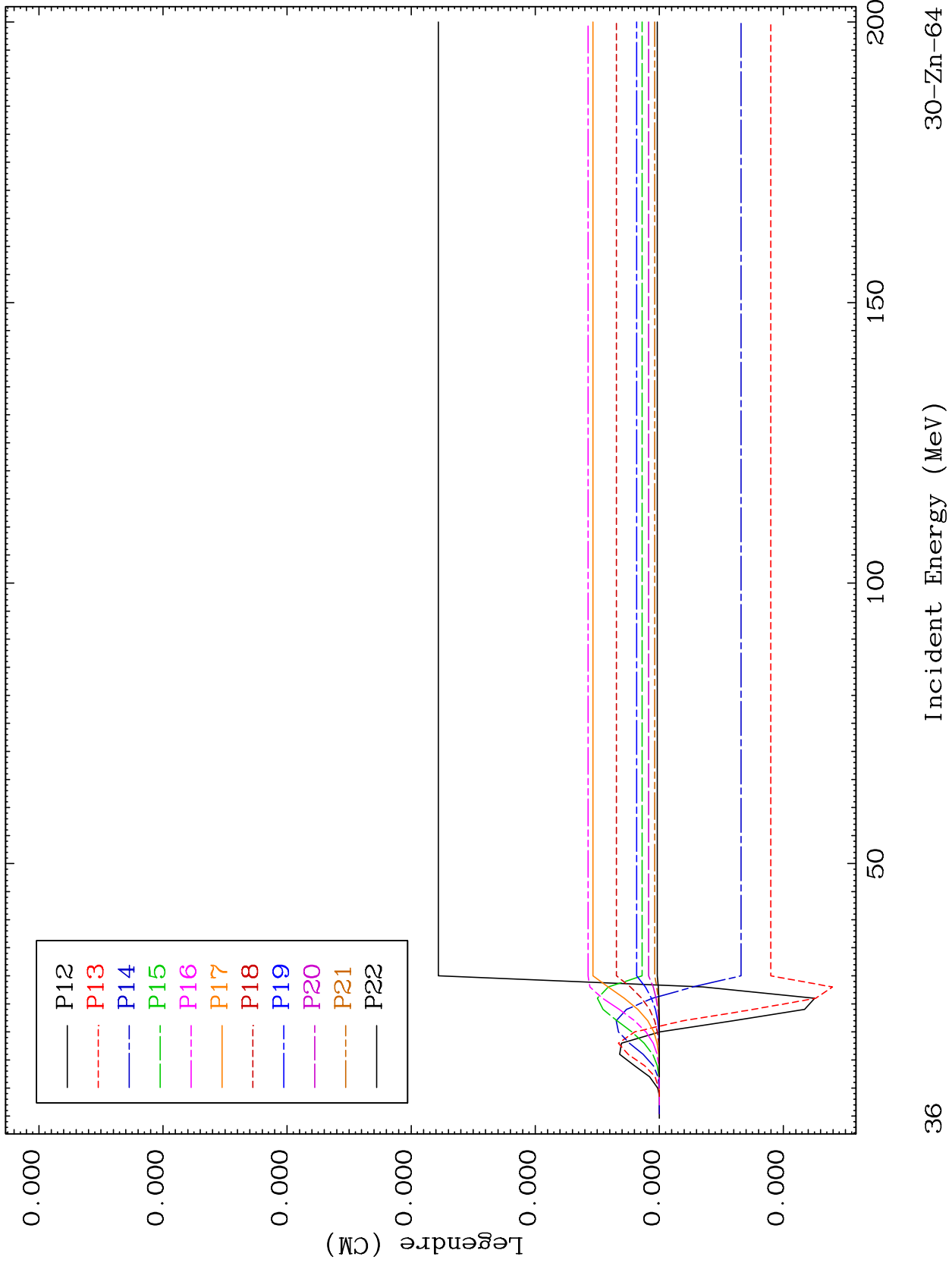




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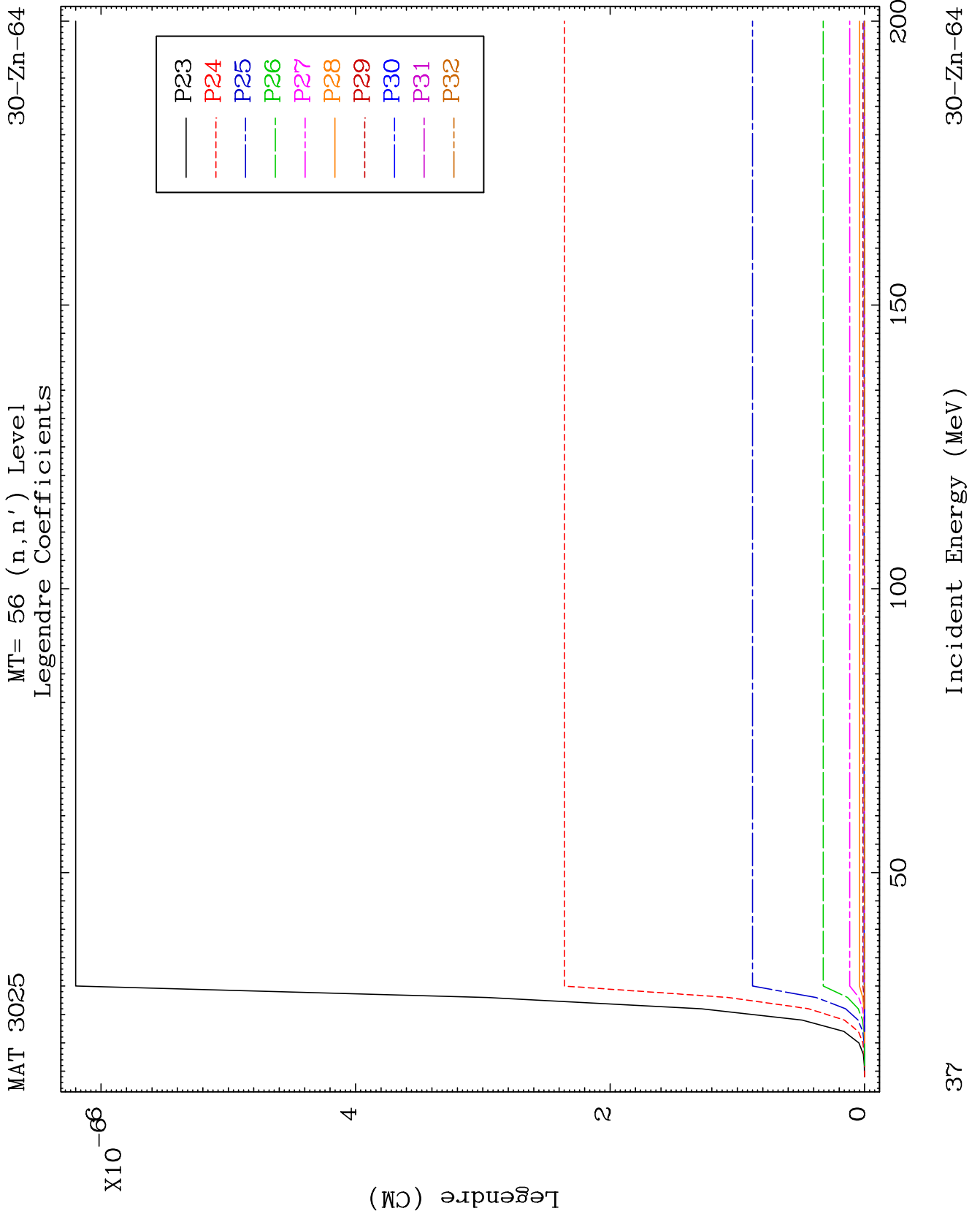
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Legendre Coefficients

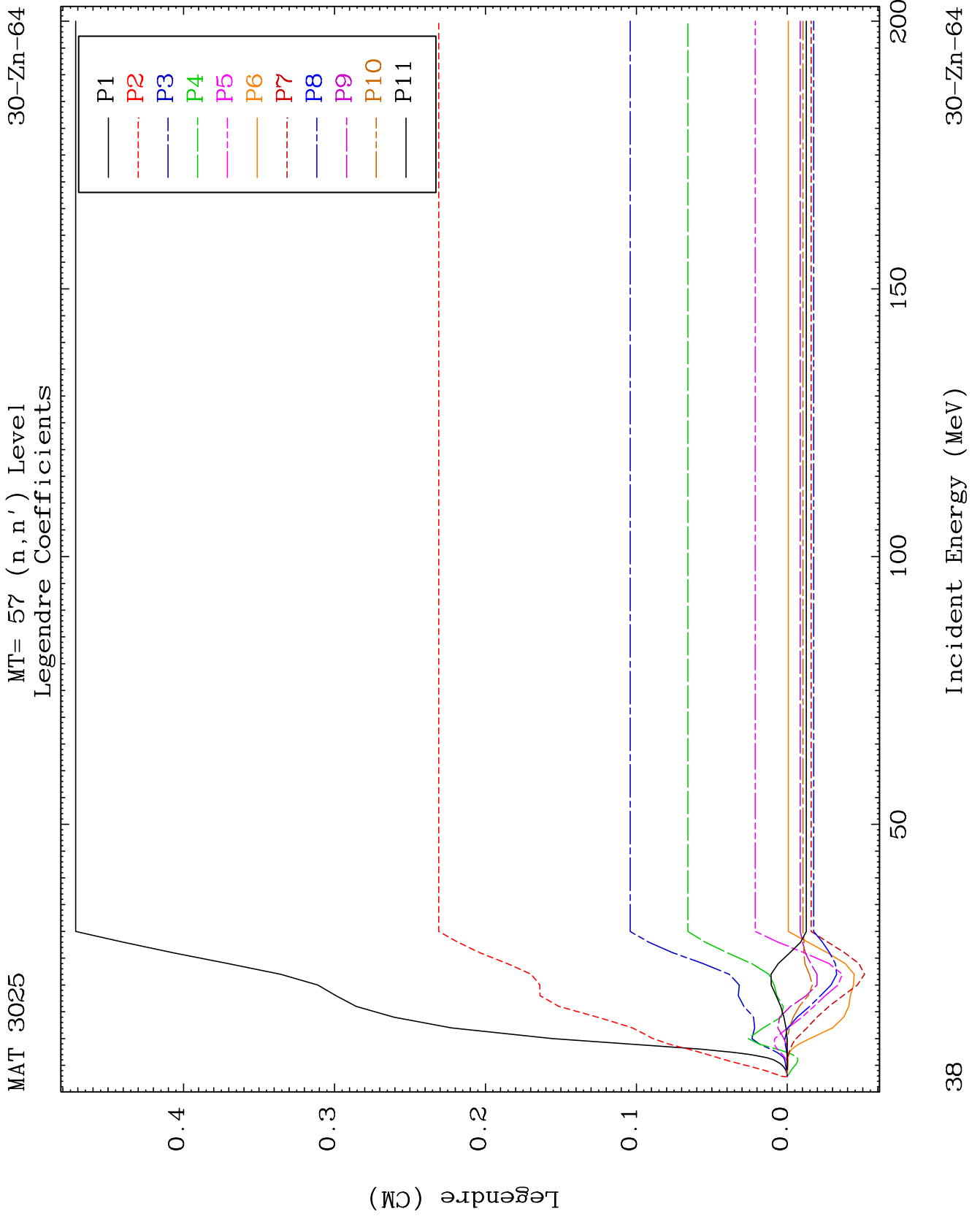
30-Zn-64



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30-Zn-64

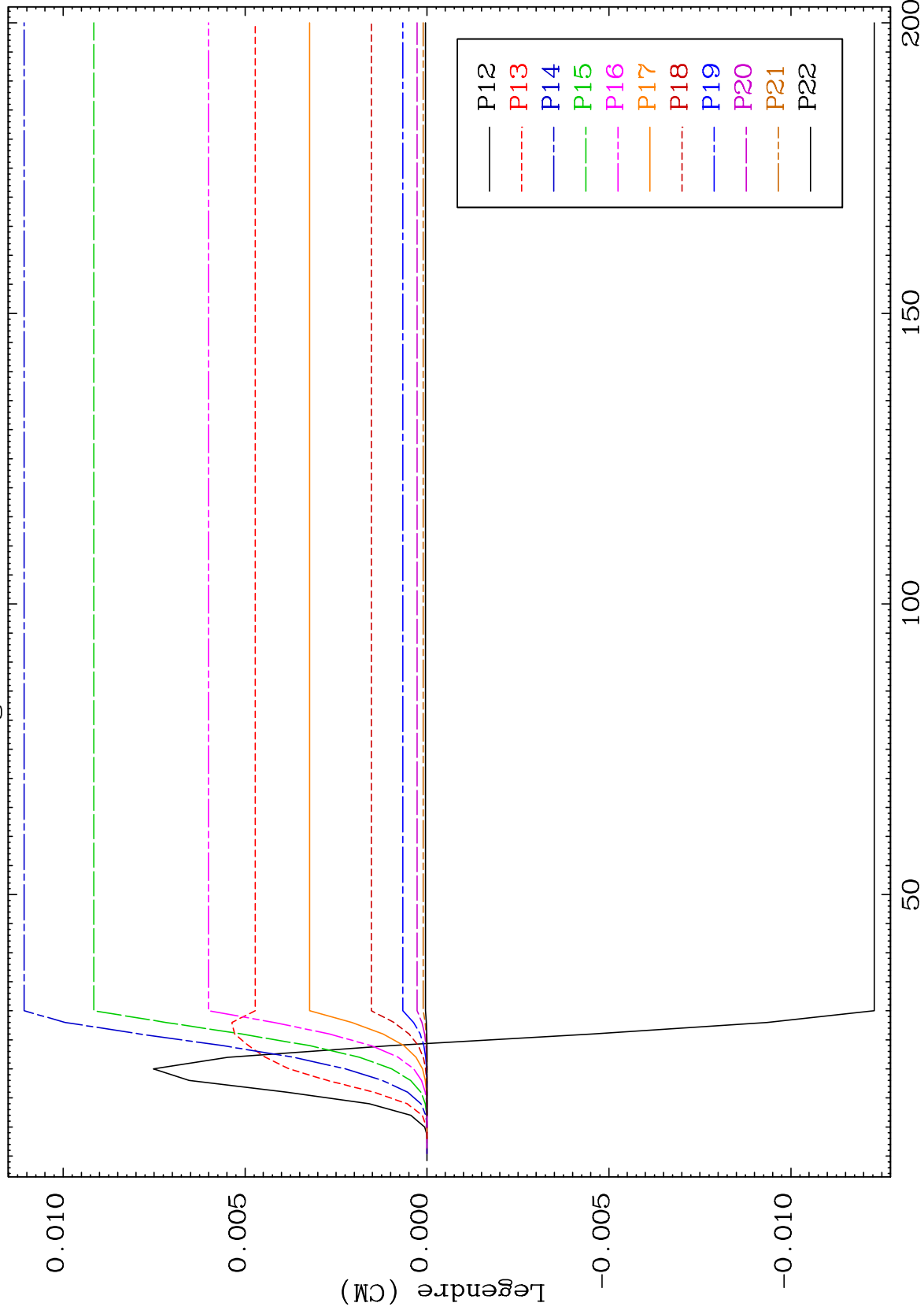




MAT 3025

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

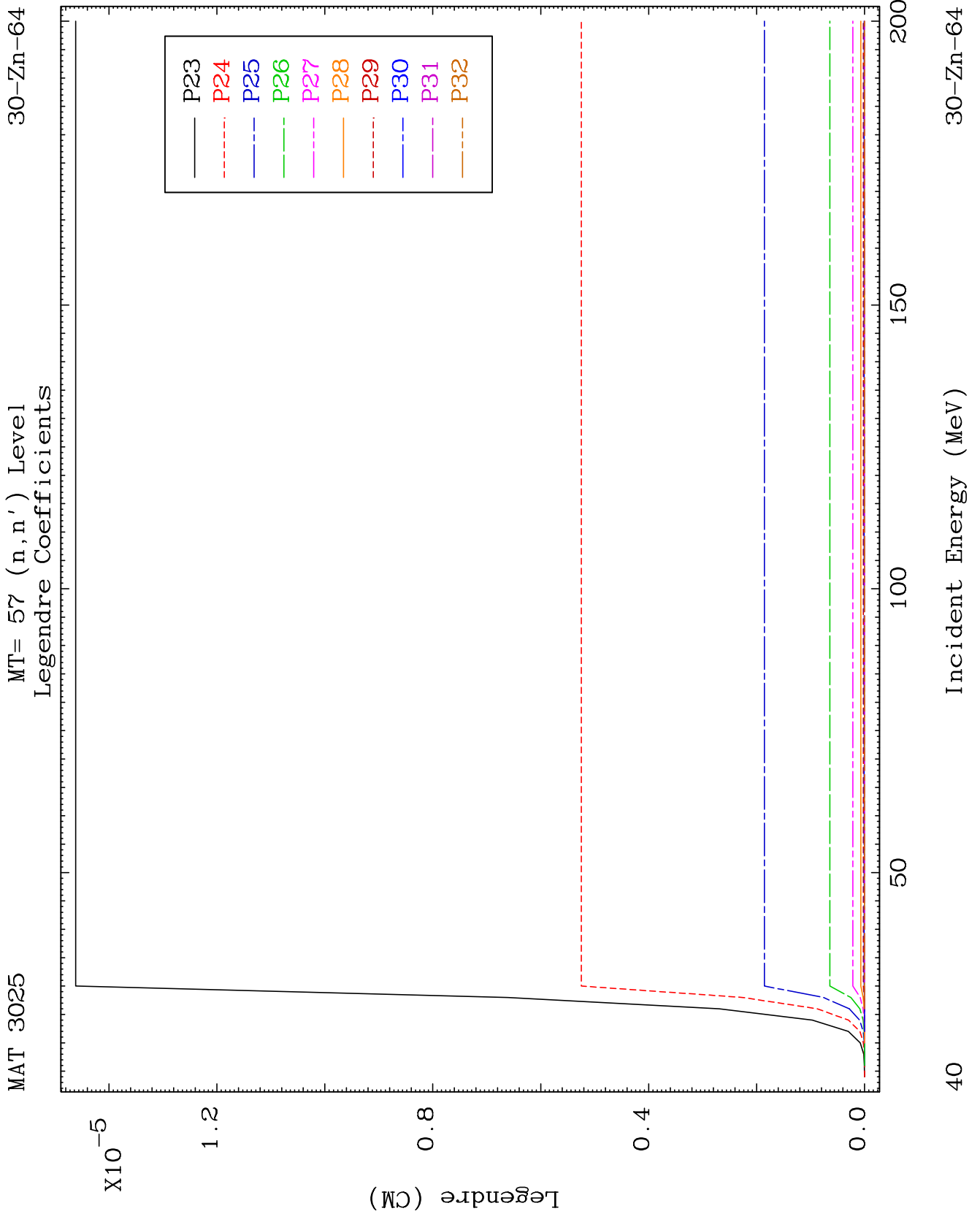
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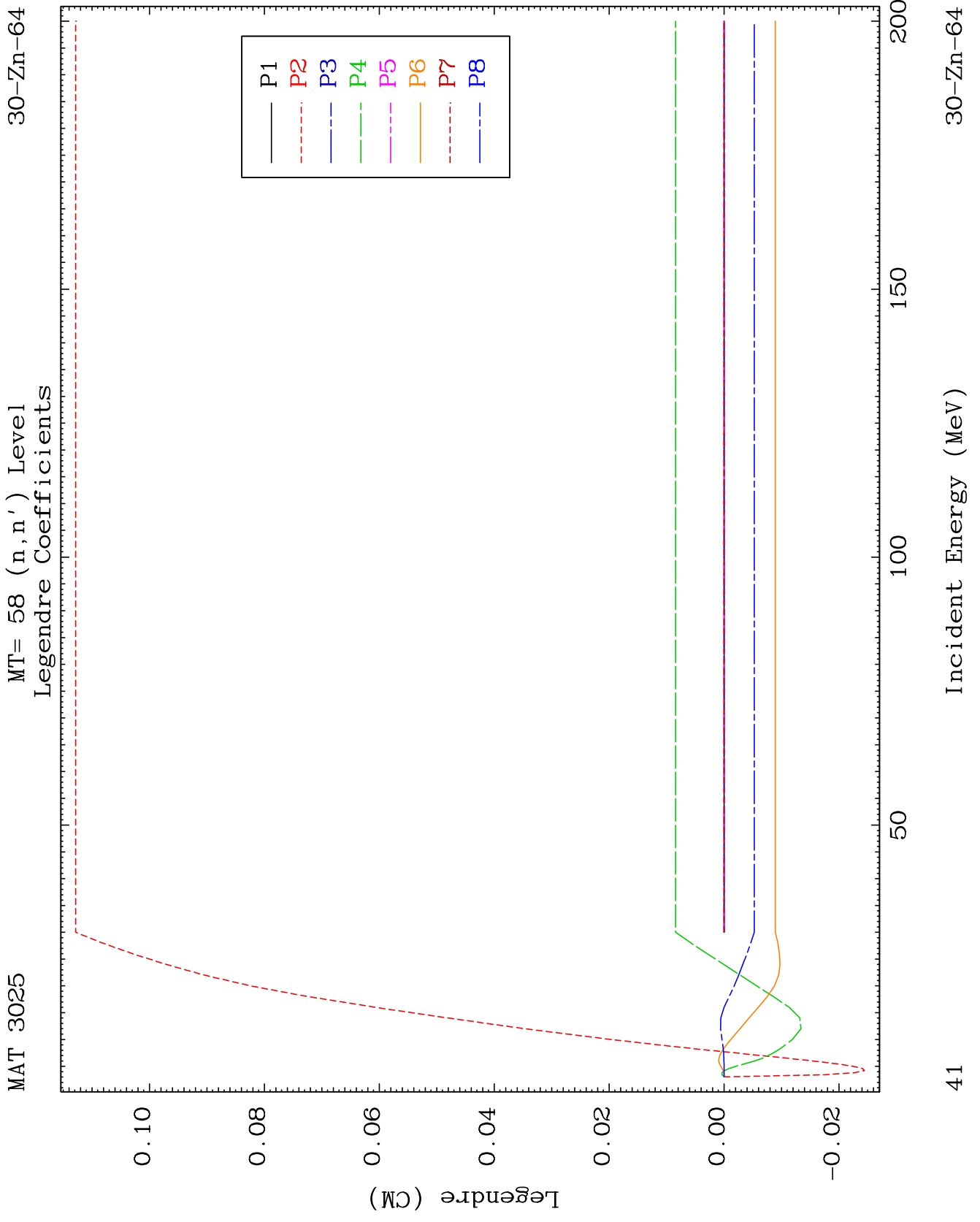


39

Incident Energy (MeV)

30-Zn-64

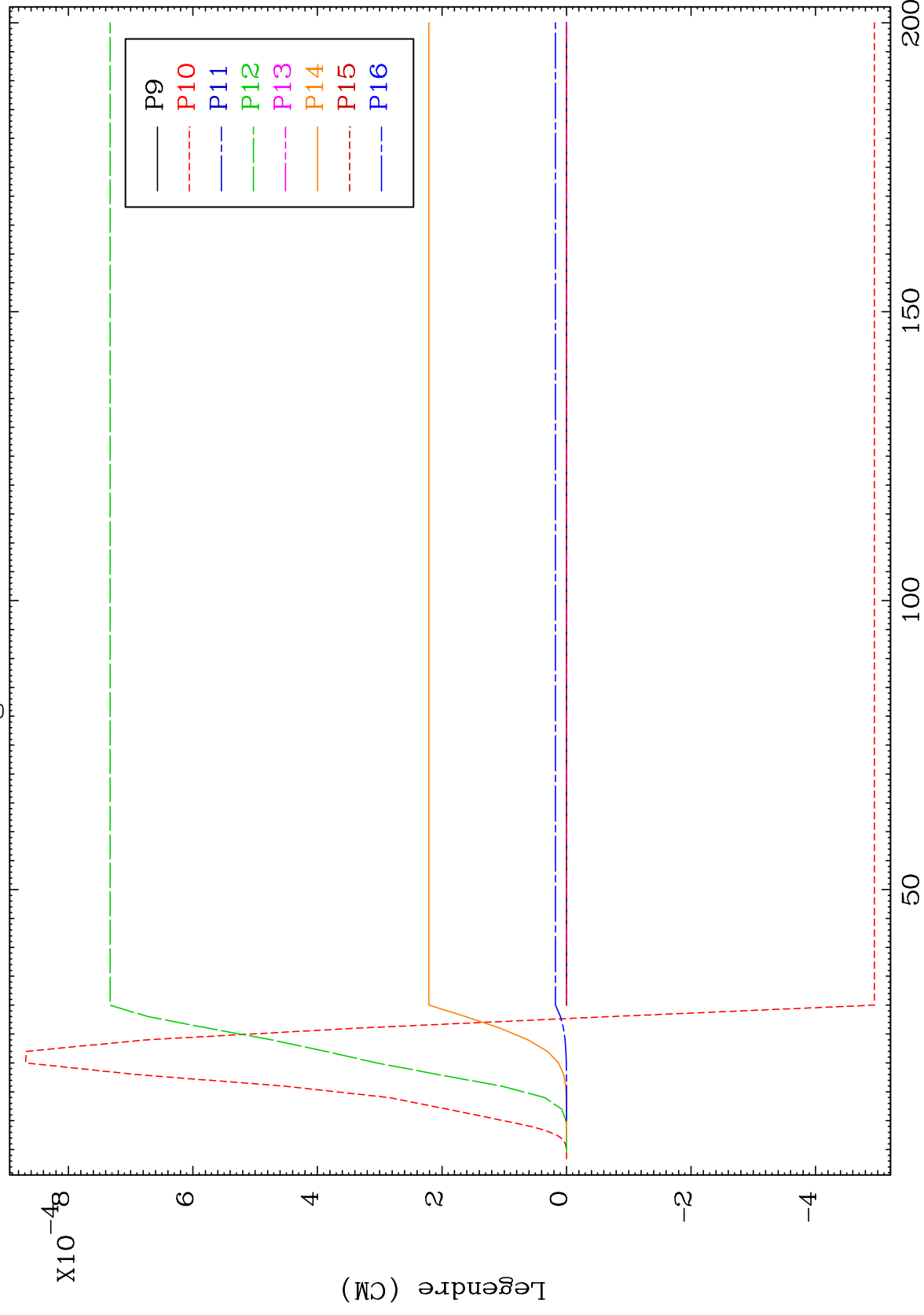




MAT 3025

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

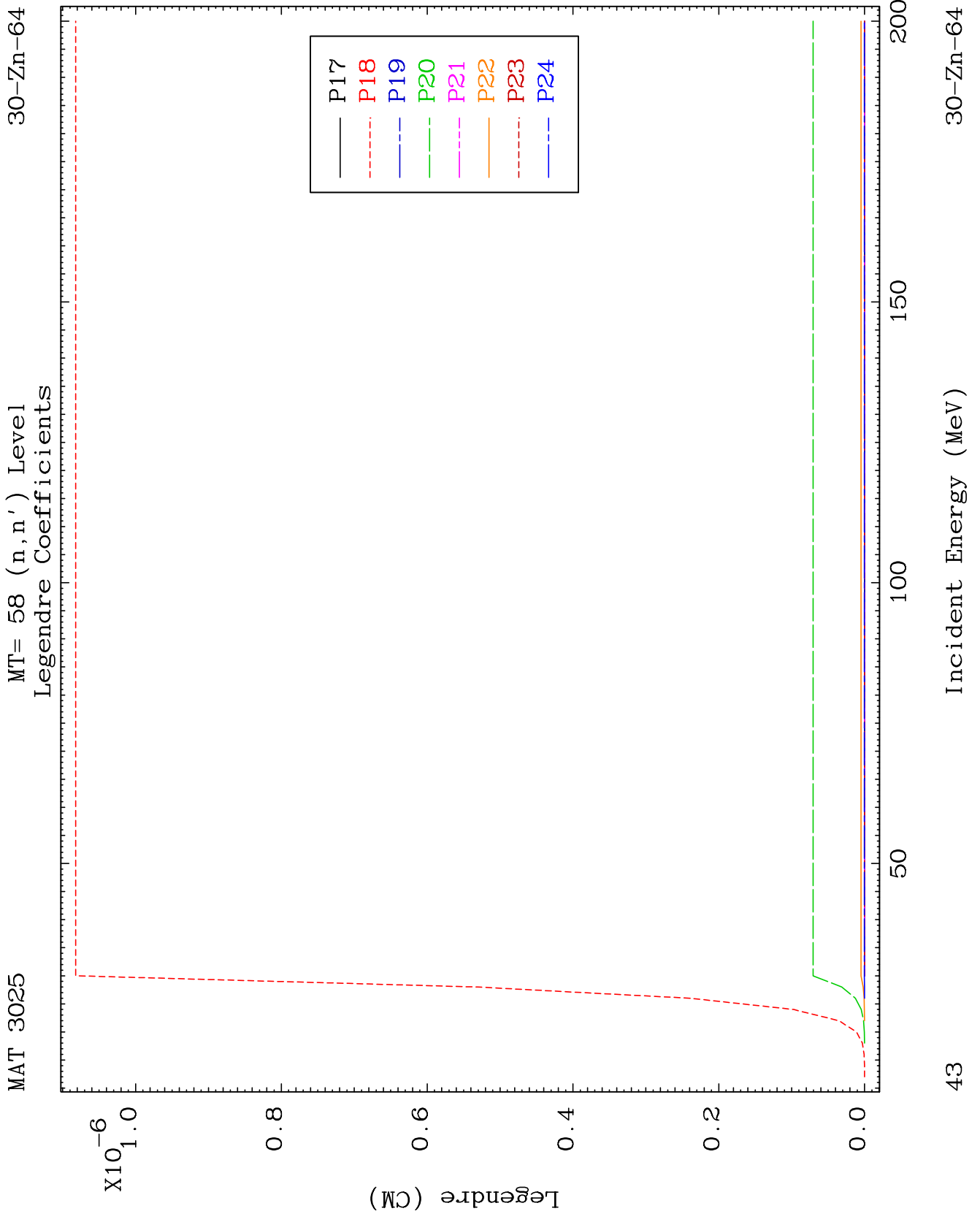
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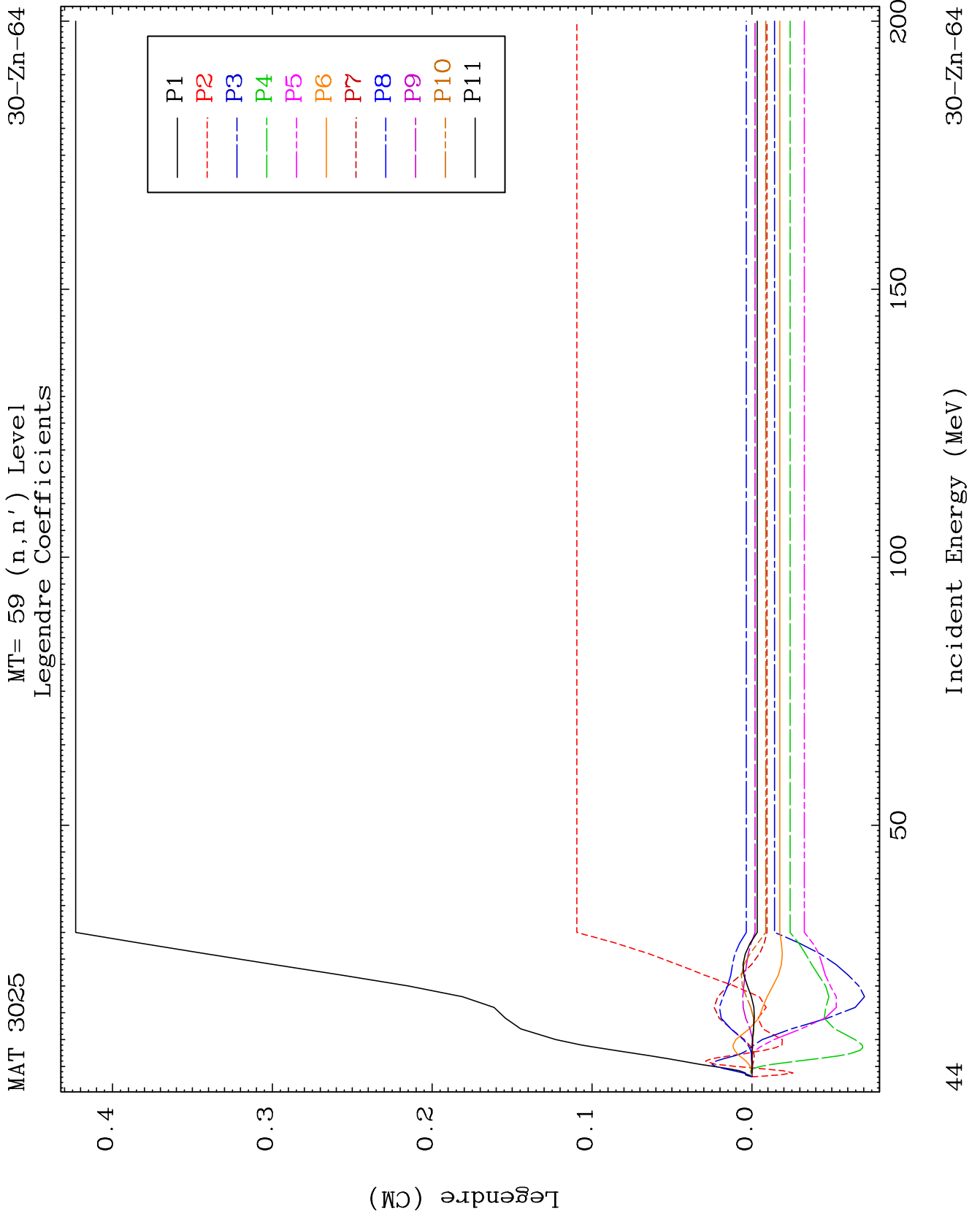


42

Incident Energy (MeV)

30-Zn-64

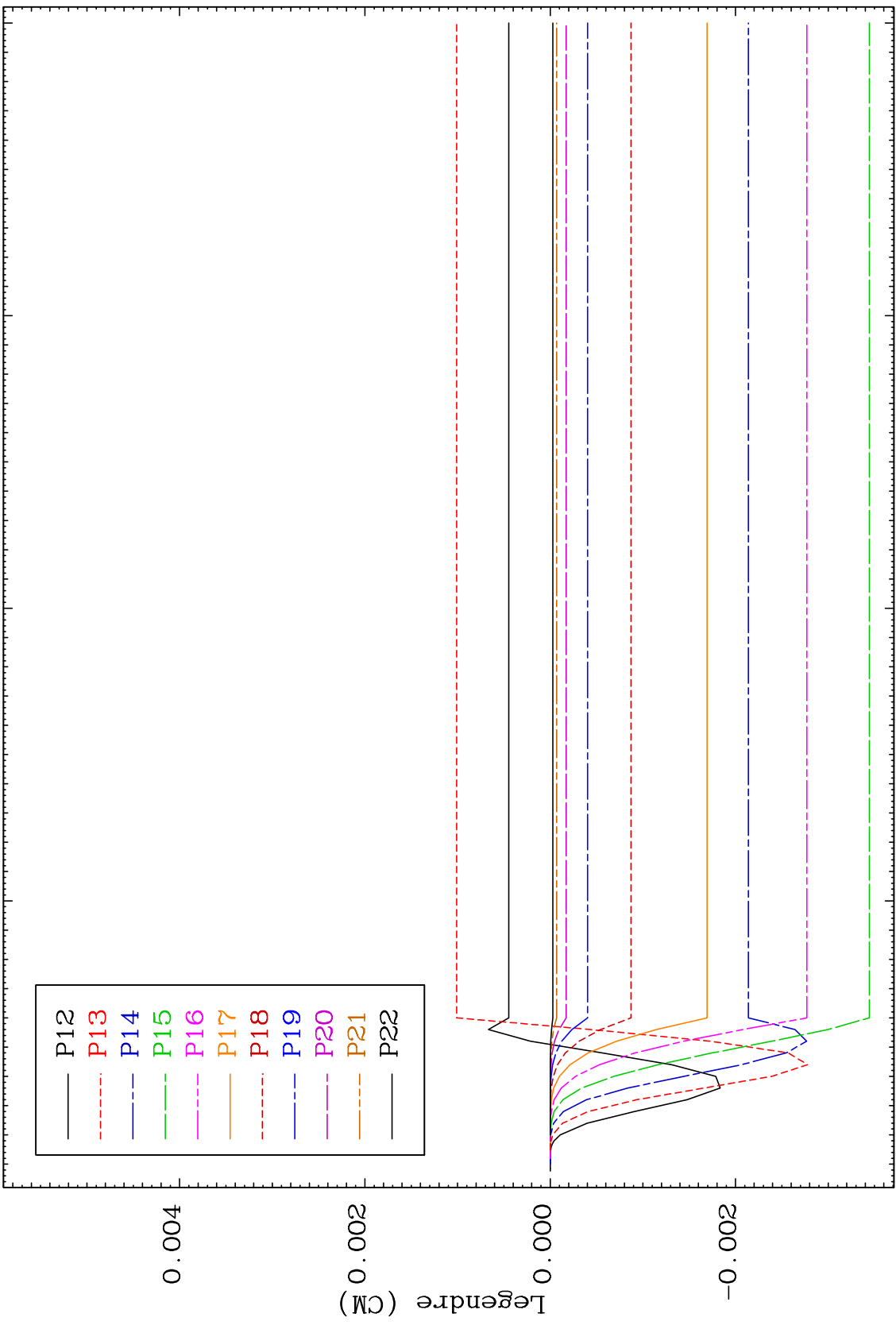




MAT 3025

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

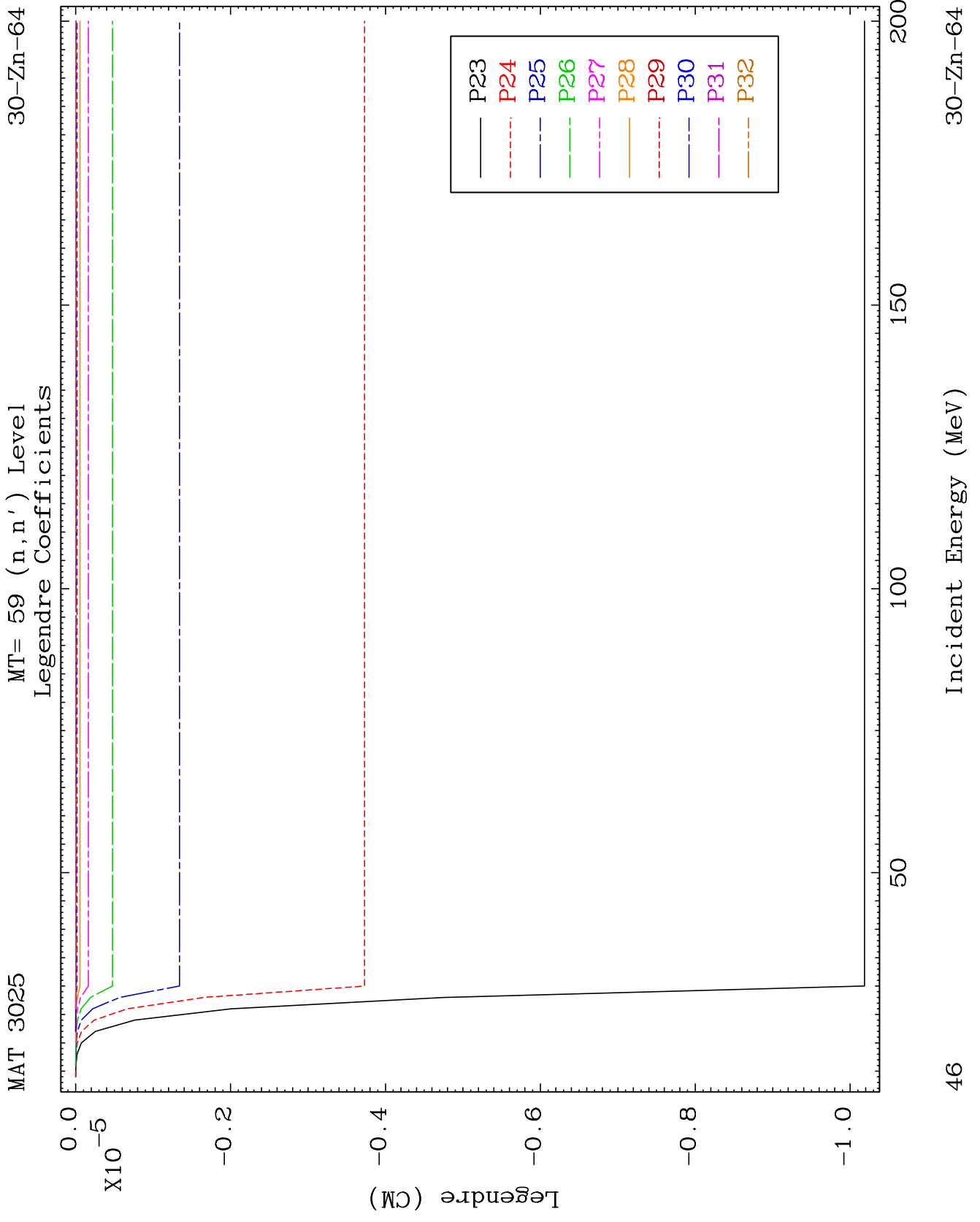
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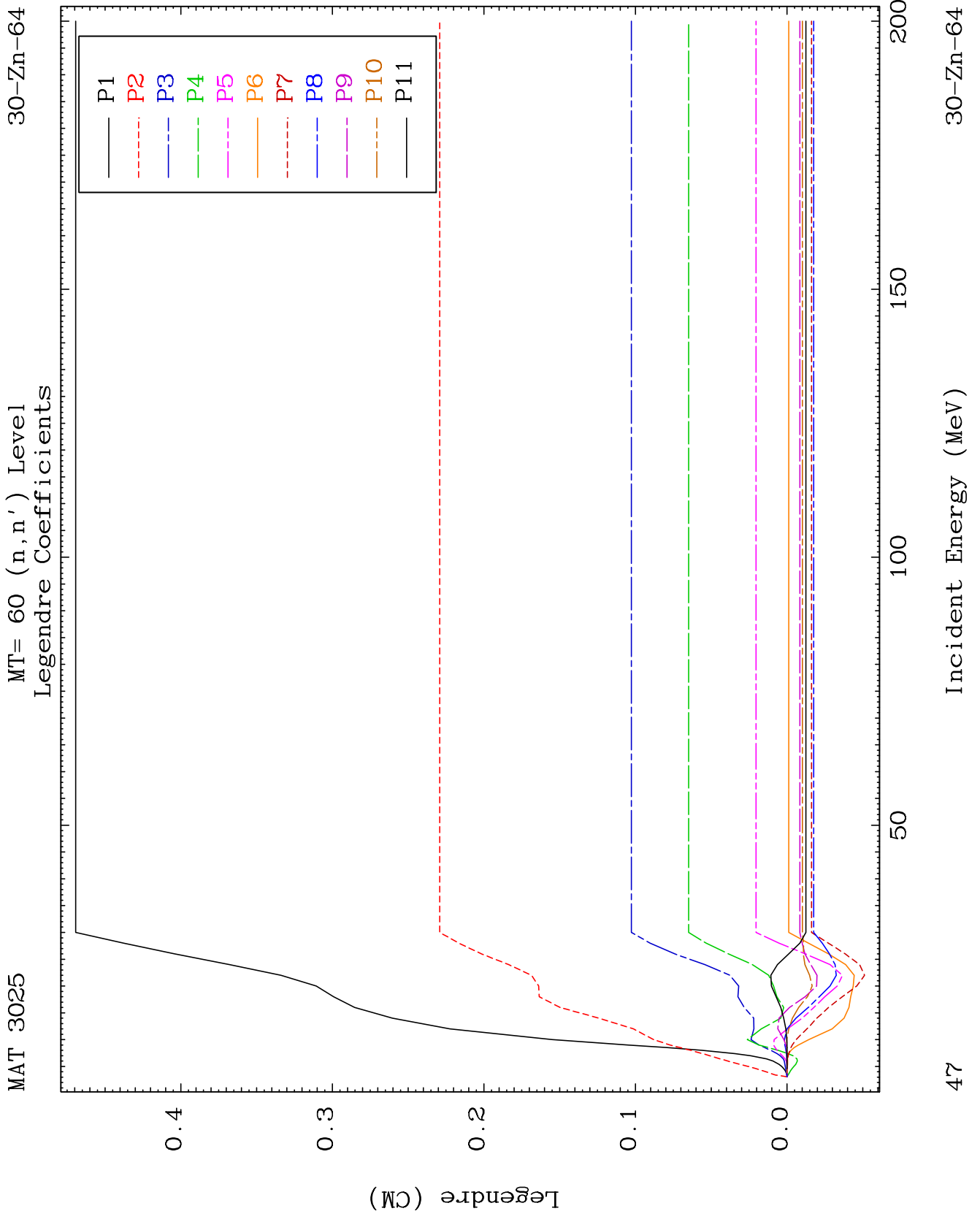


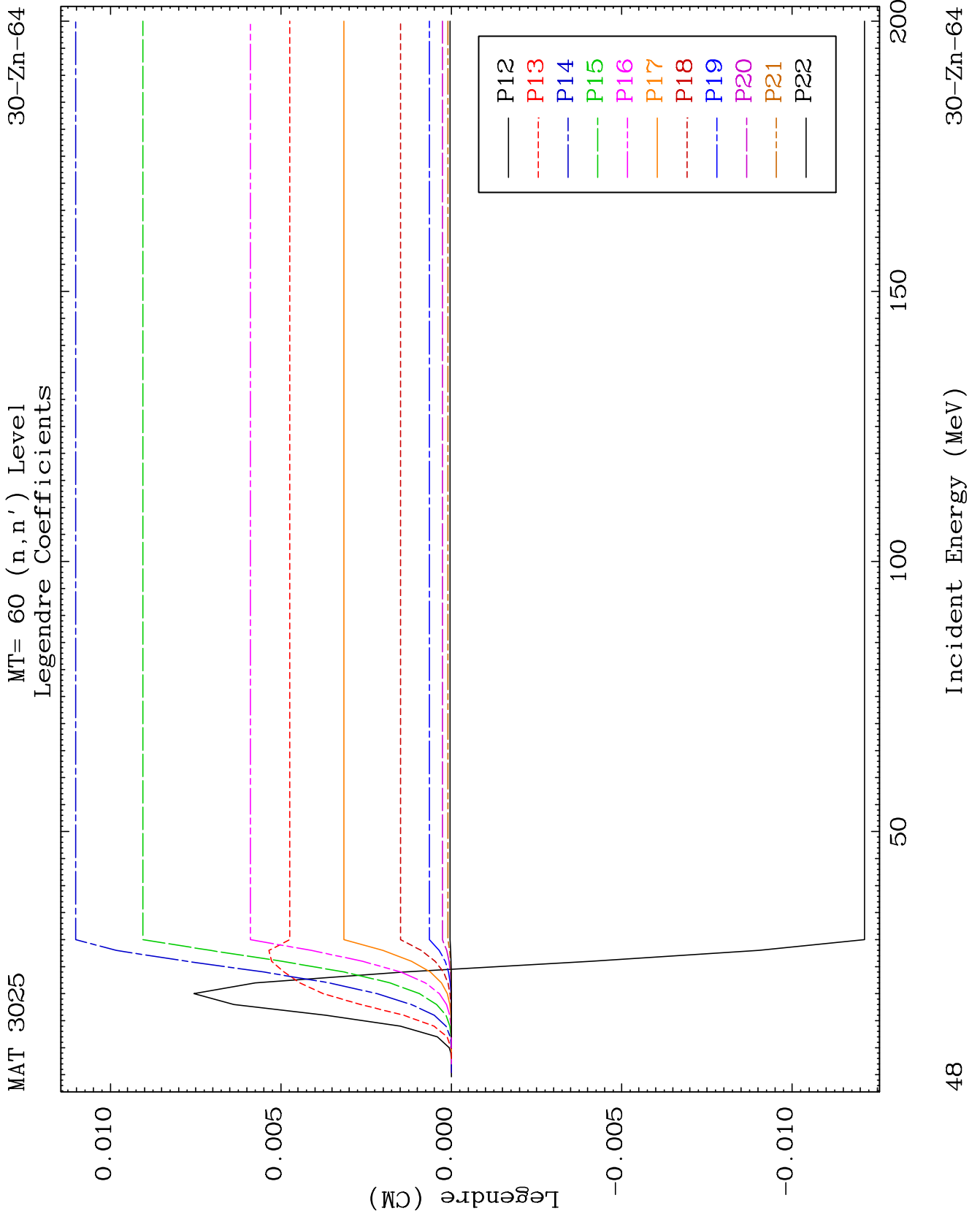
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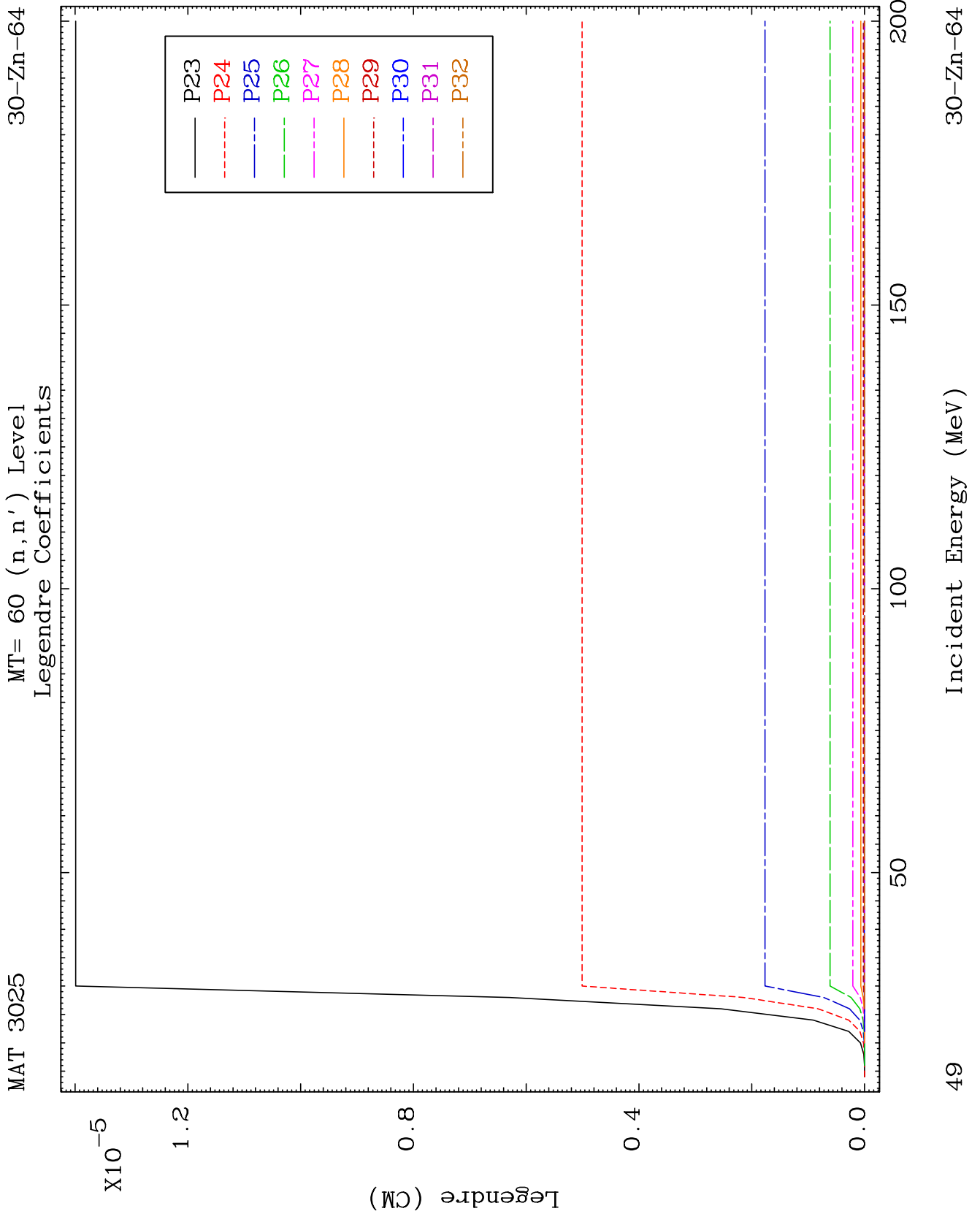
Incident Energy (MeV)

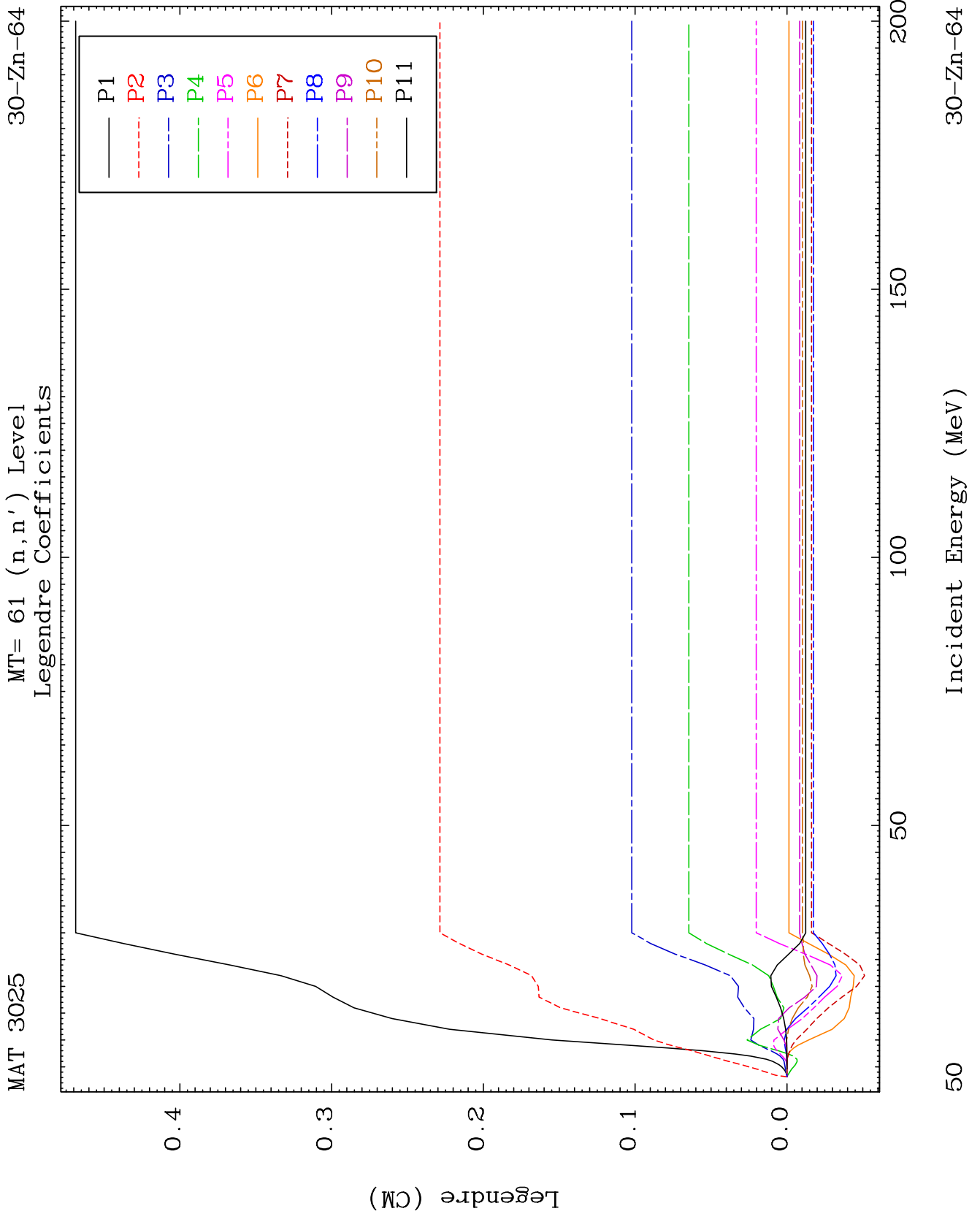
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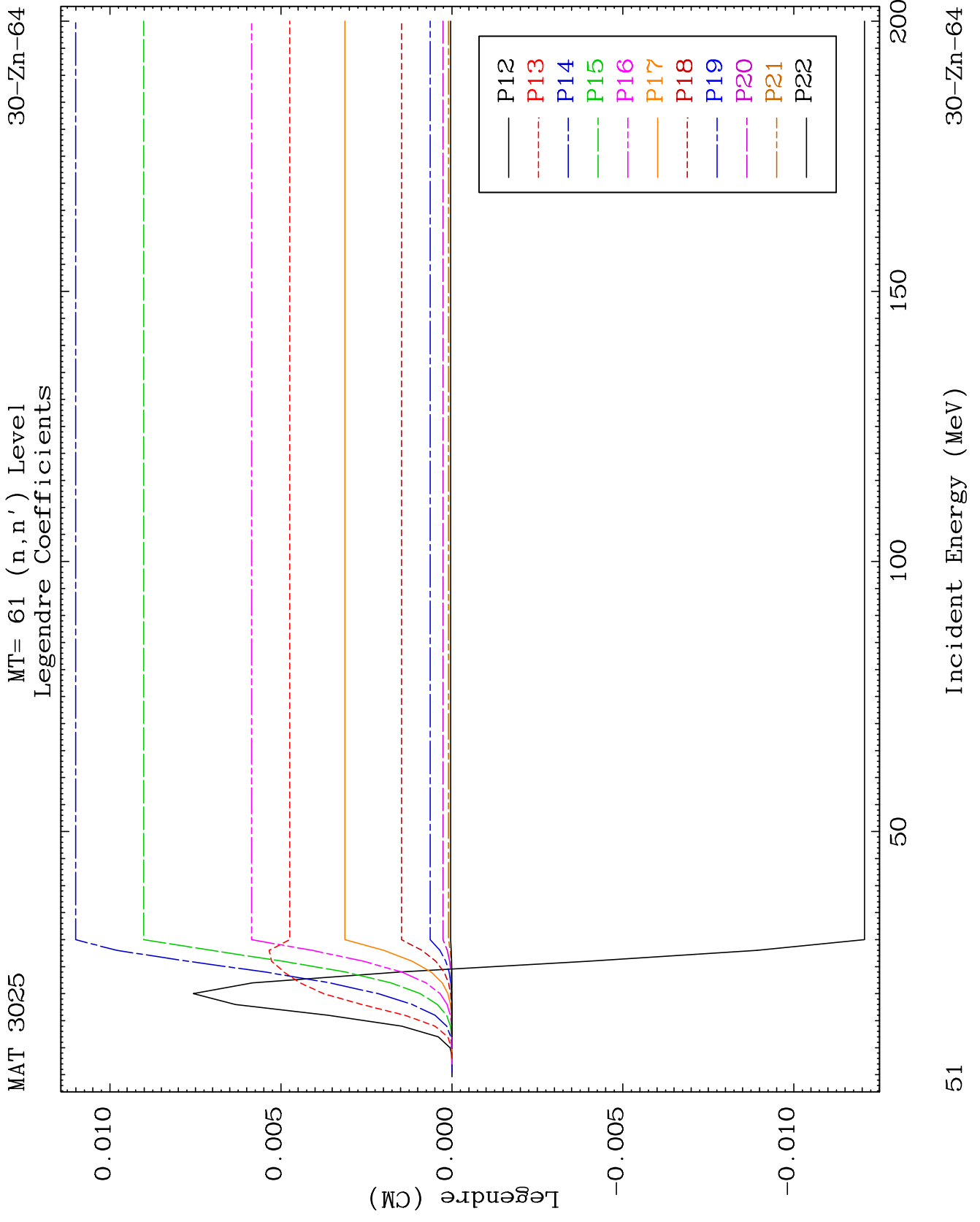


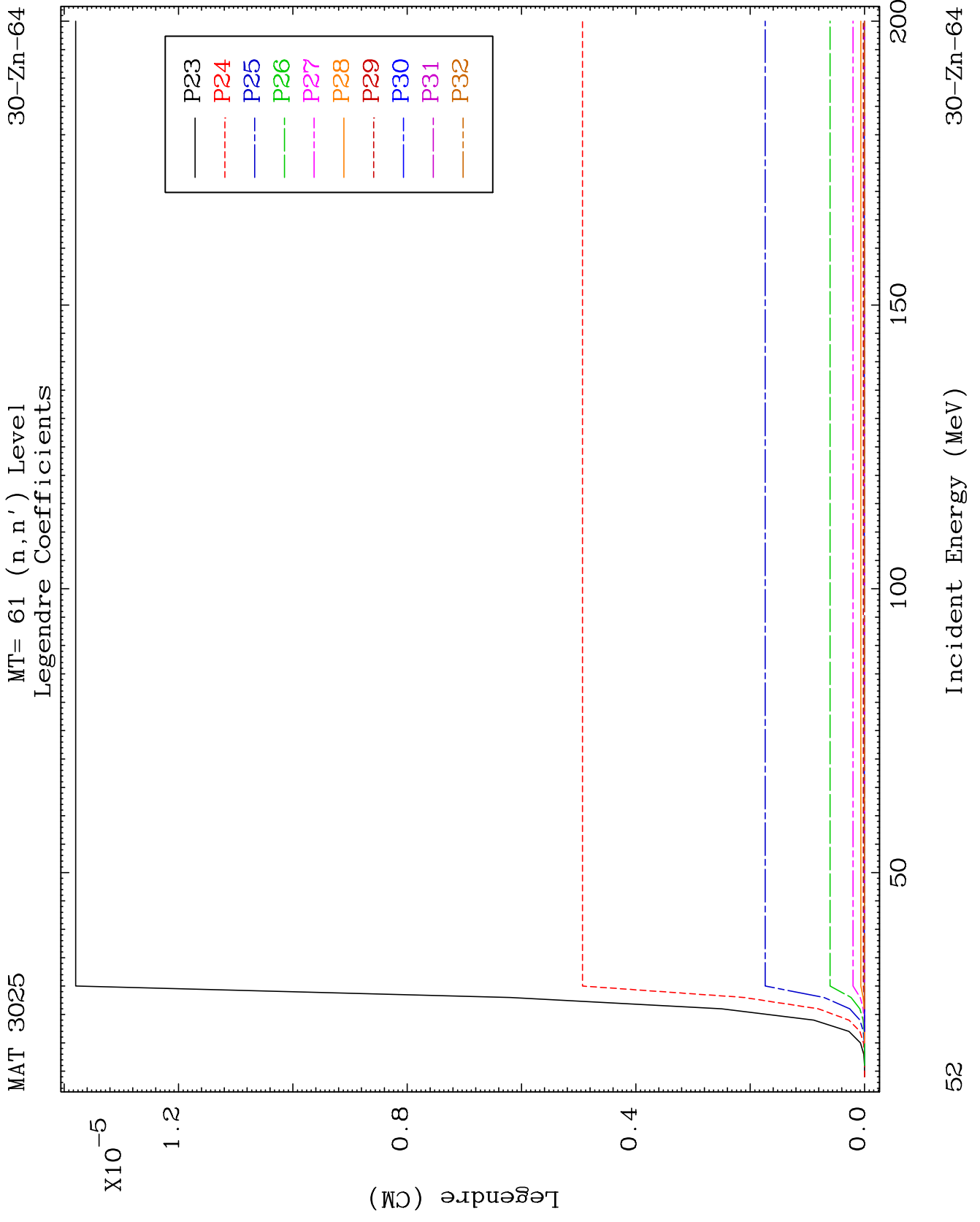


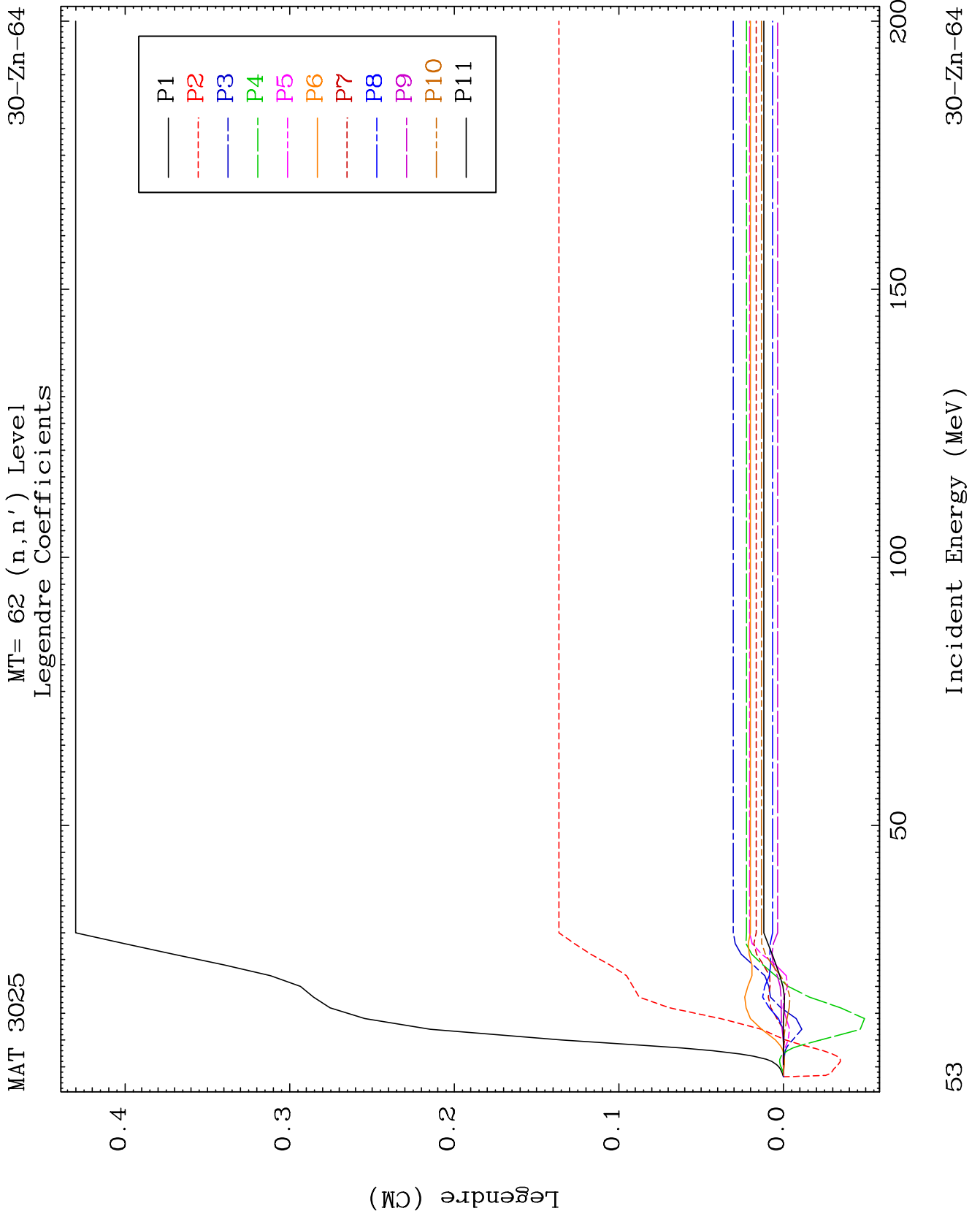








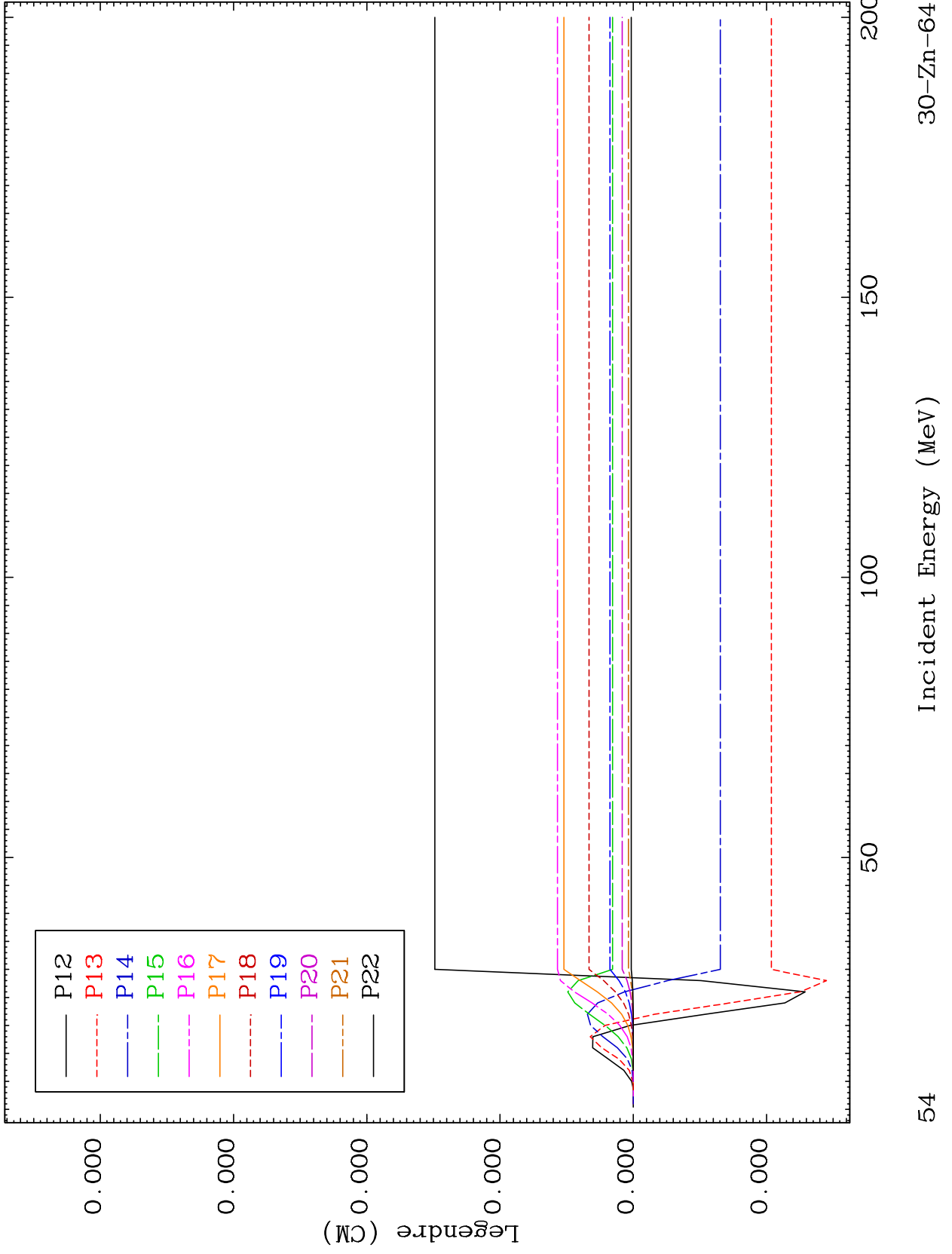




MAT 3025

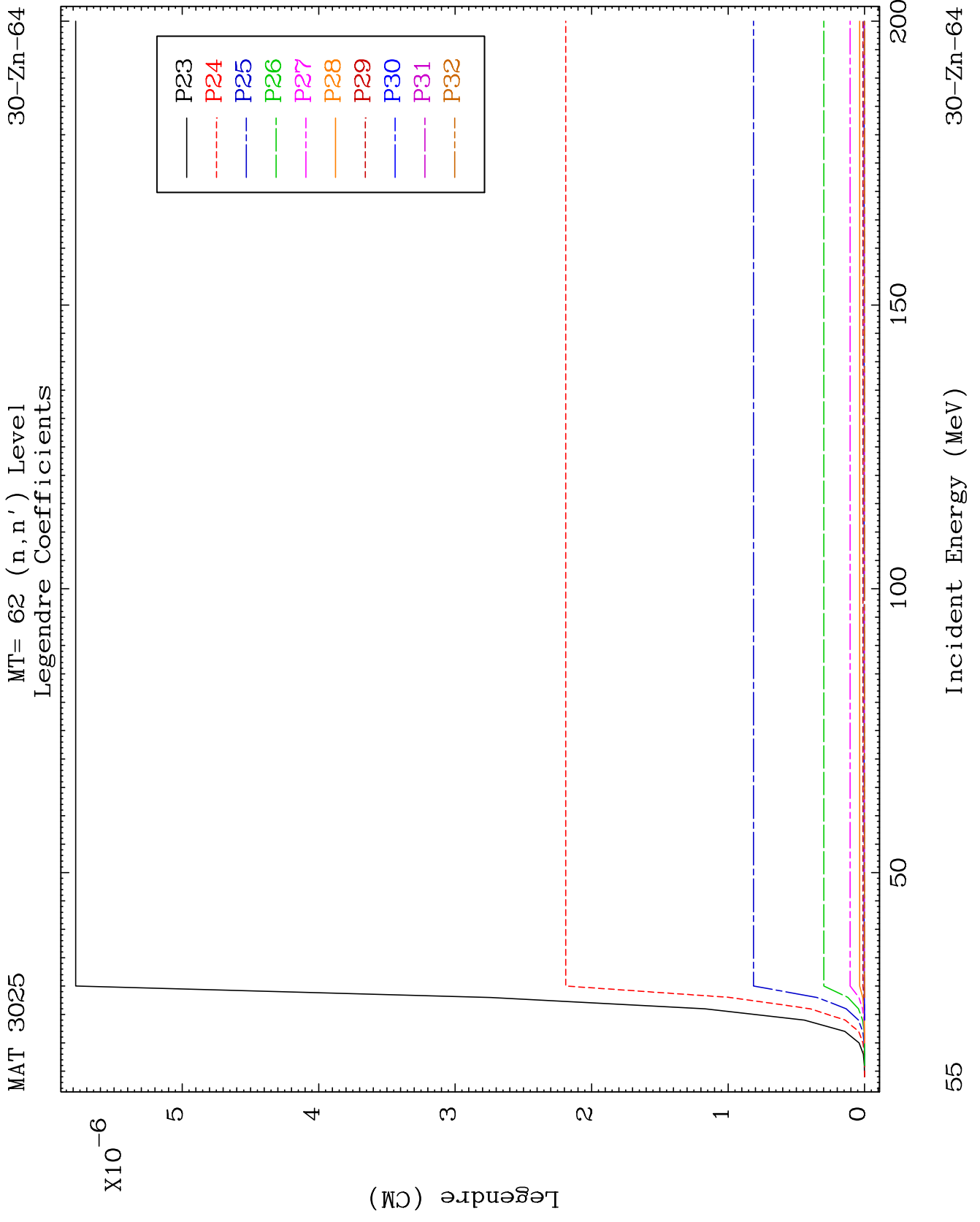
MT= 62 (n,n') Level
Legendre Coefficients

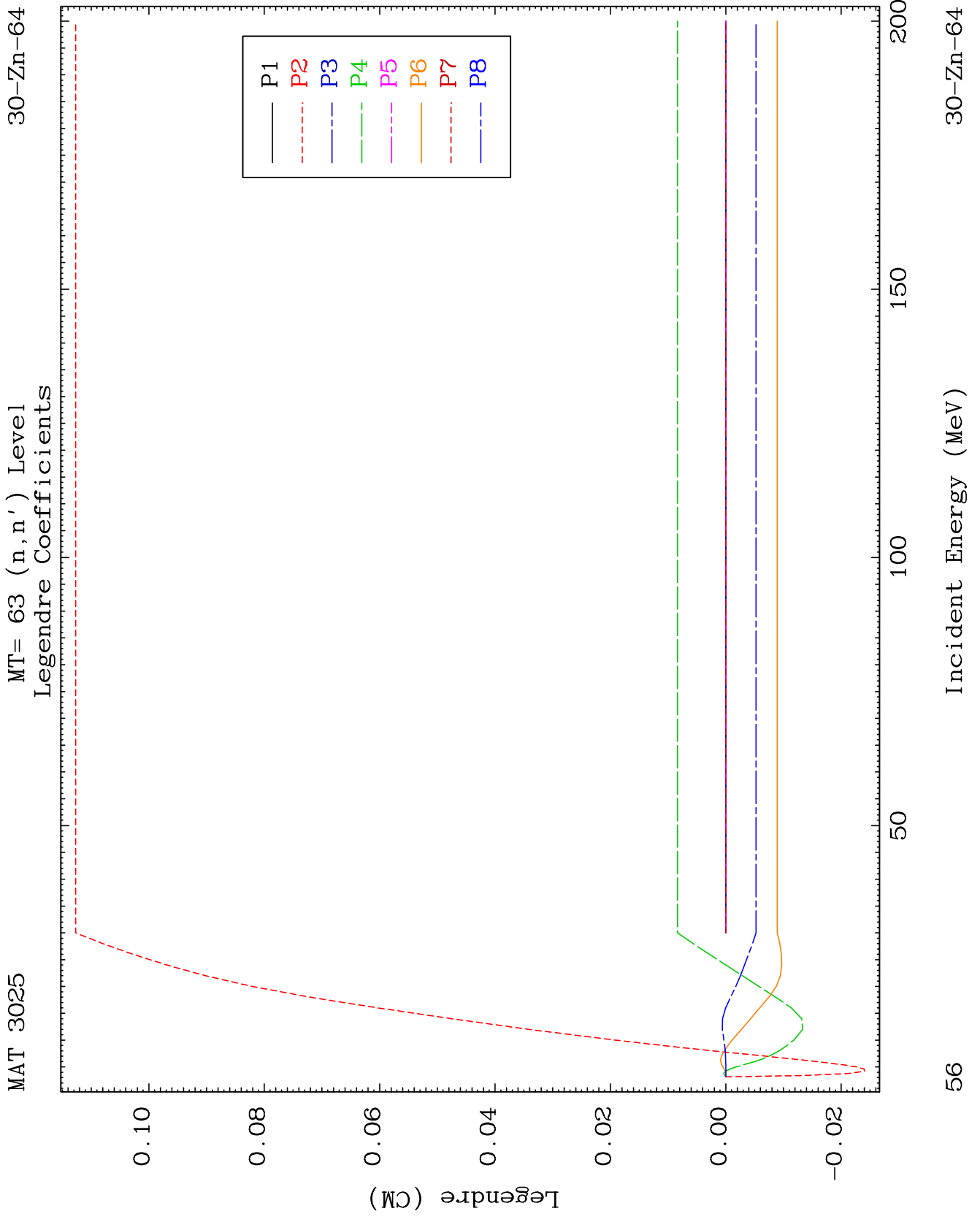
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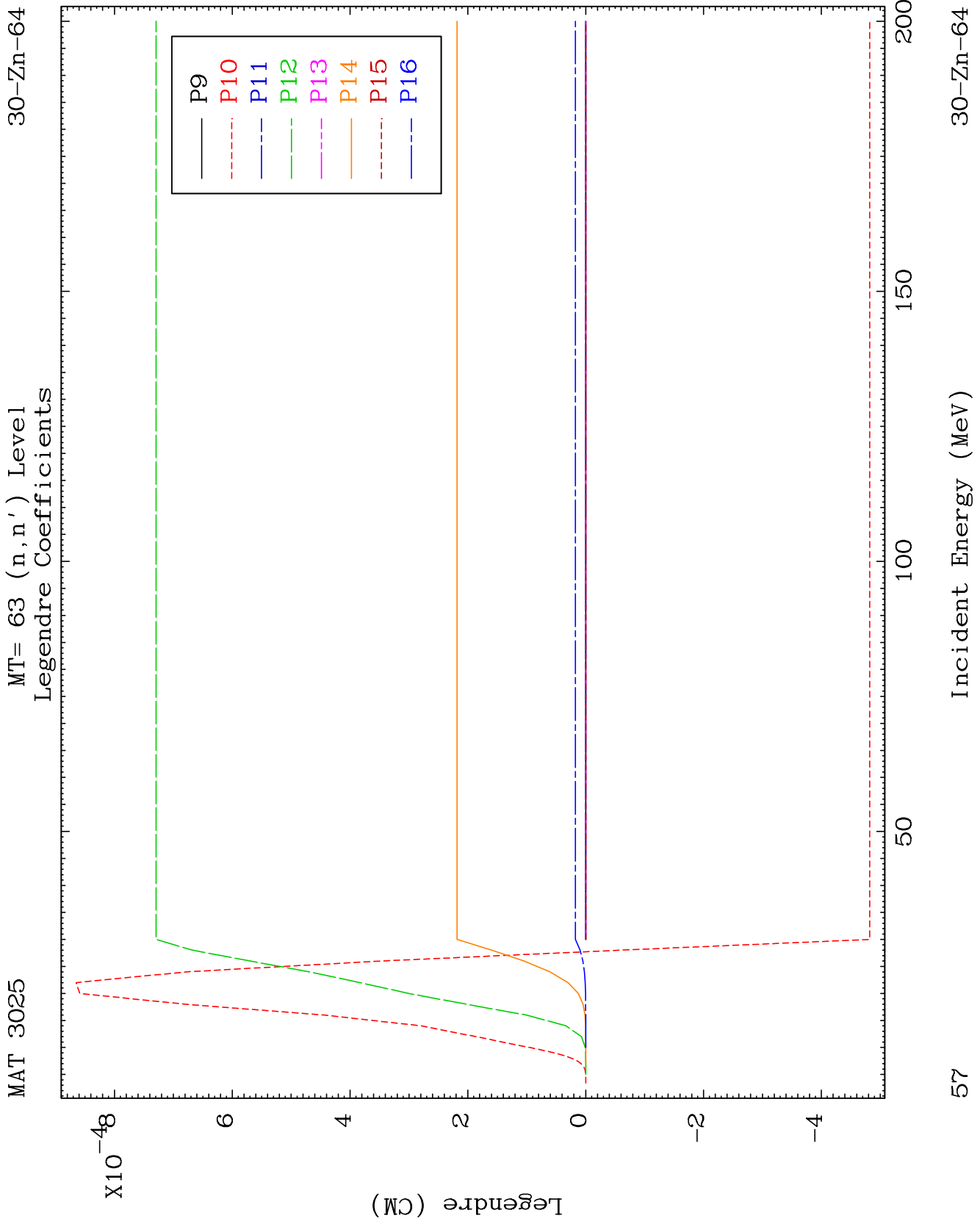


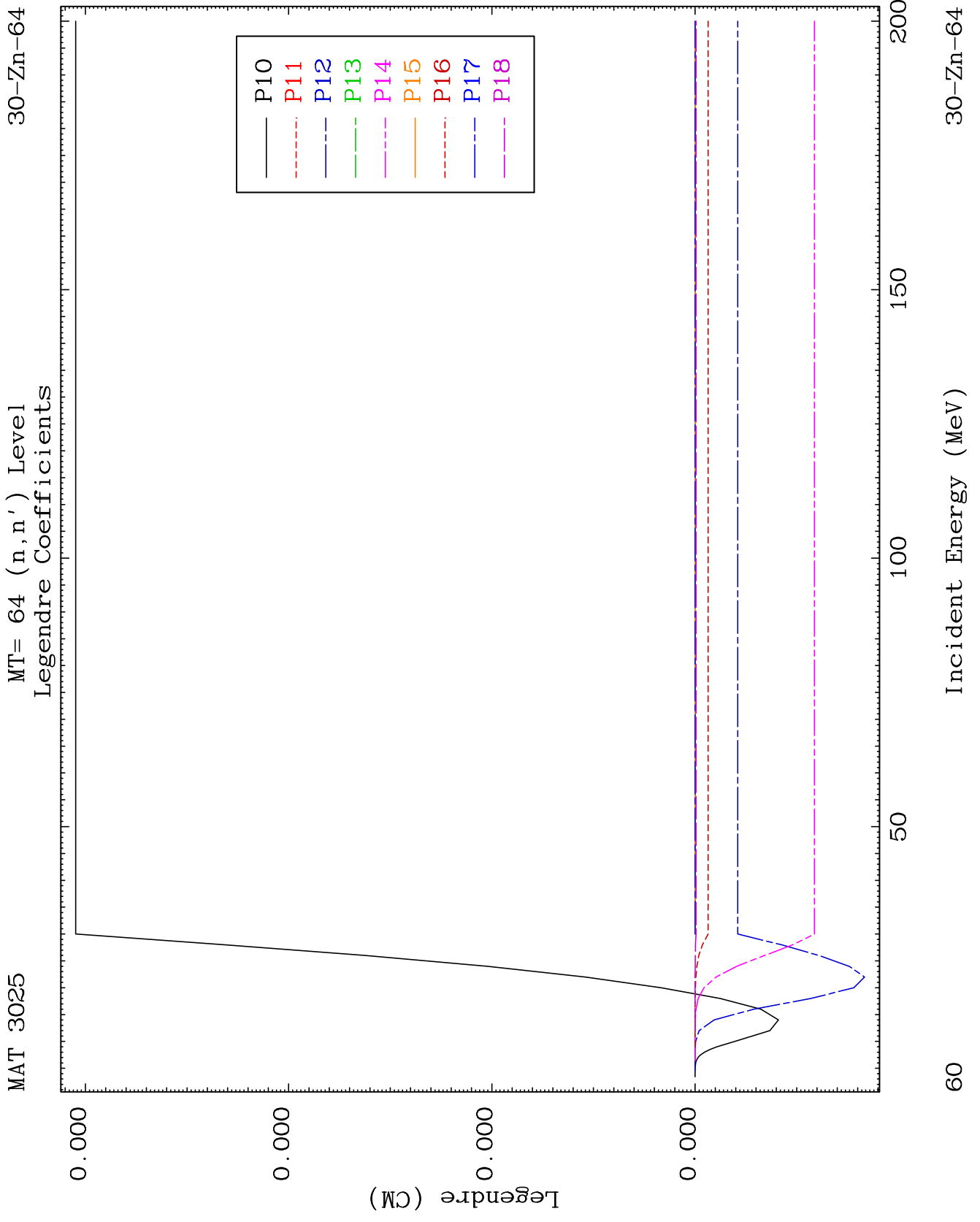
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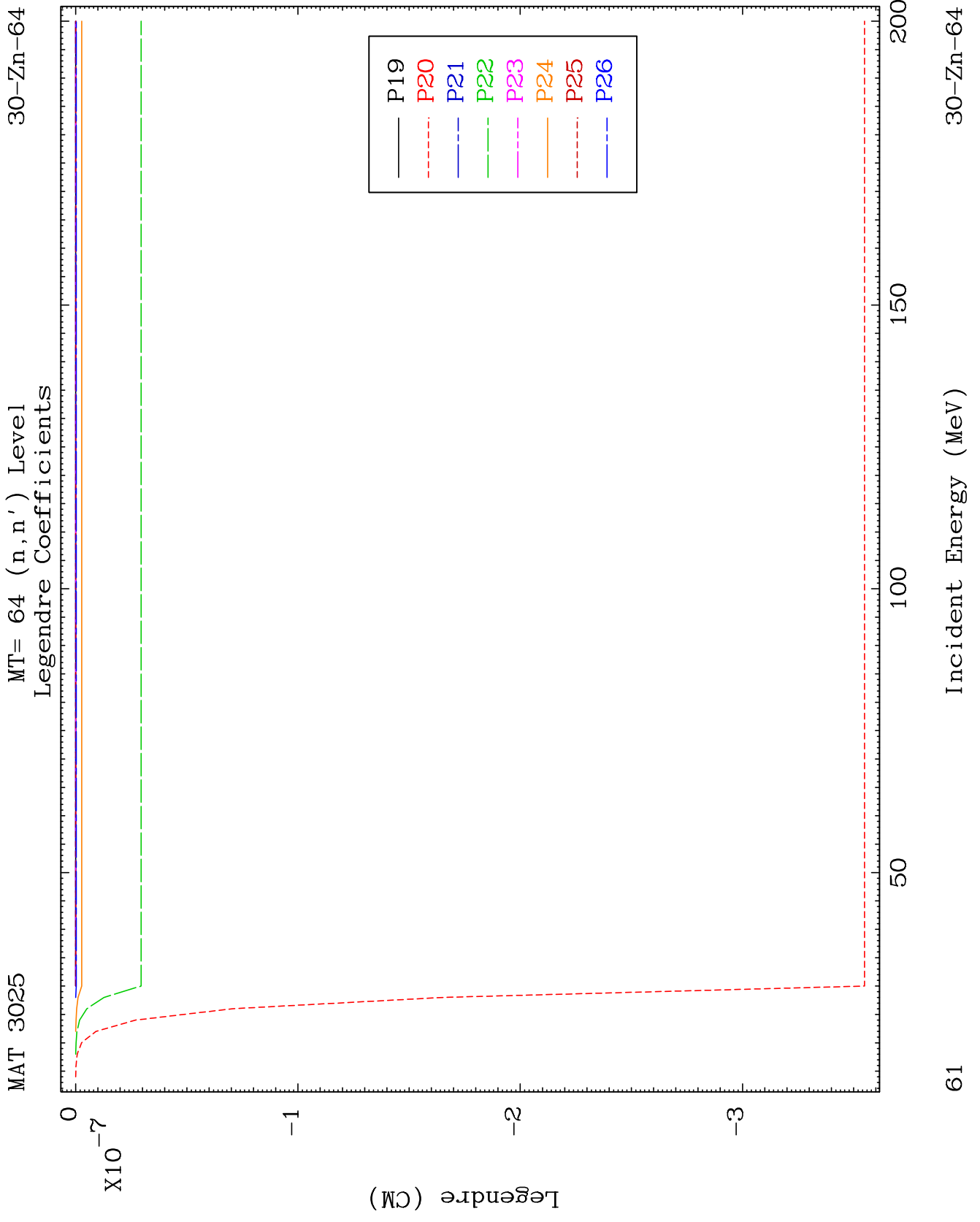
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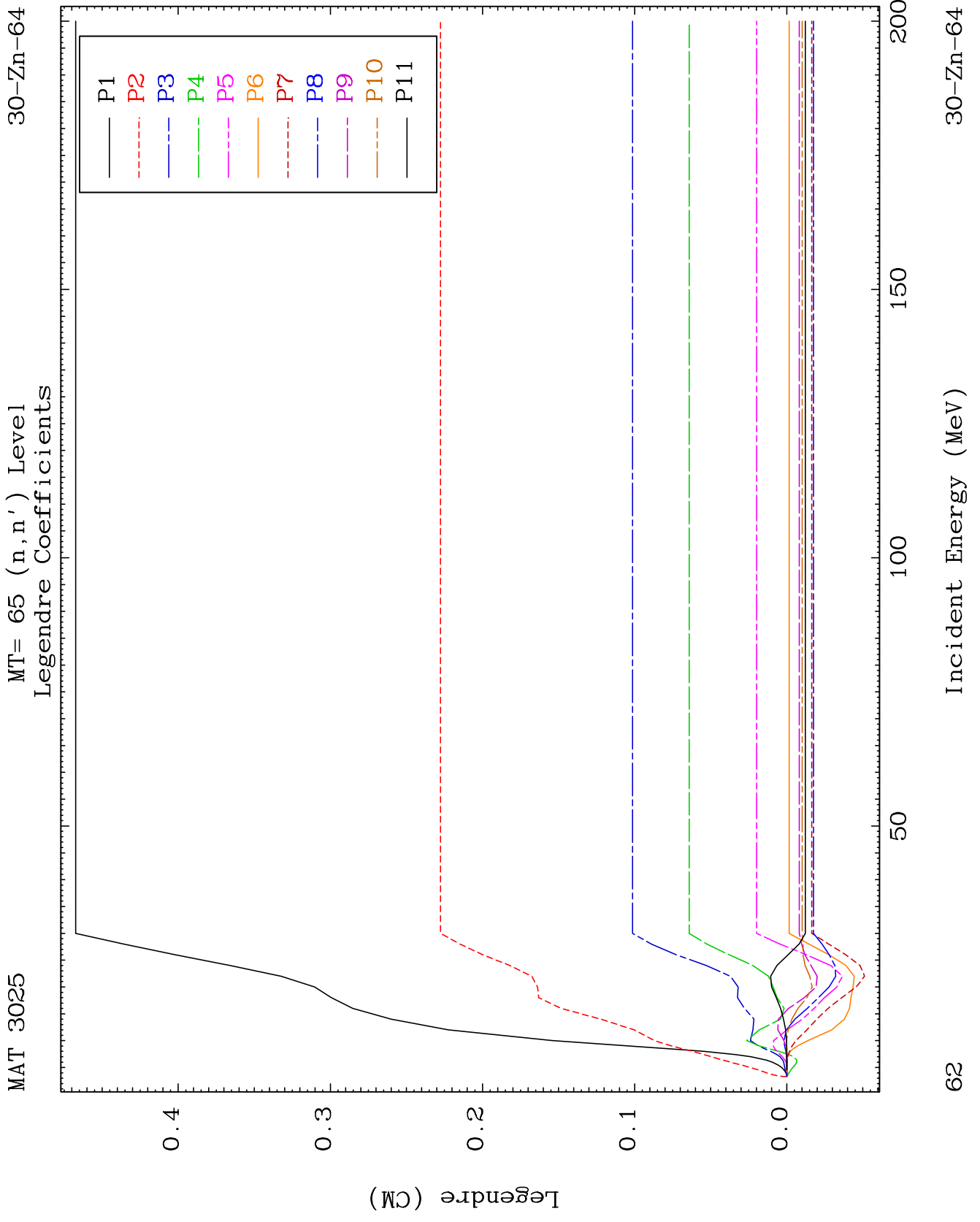


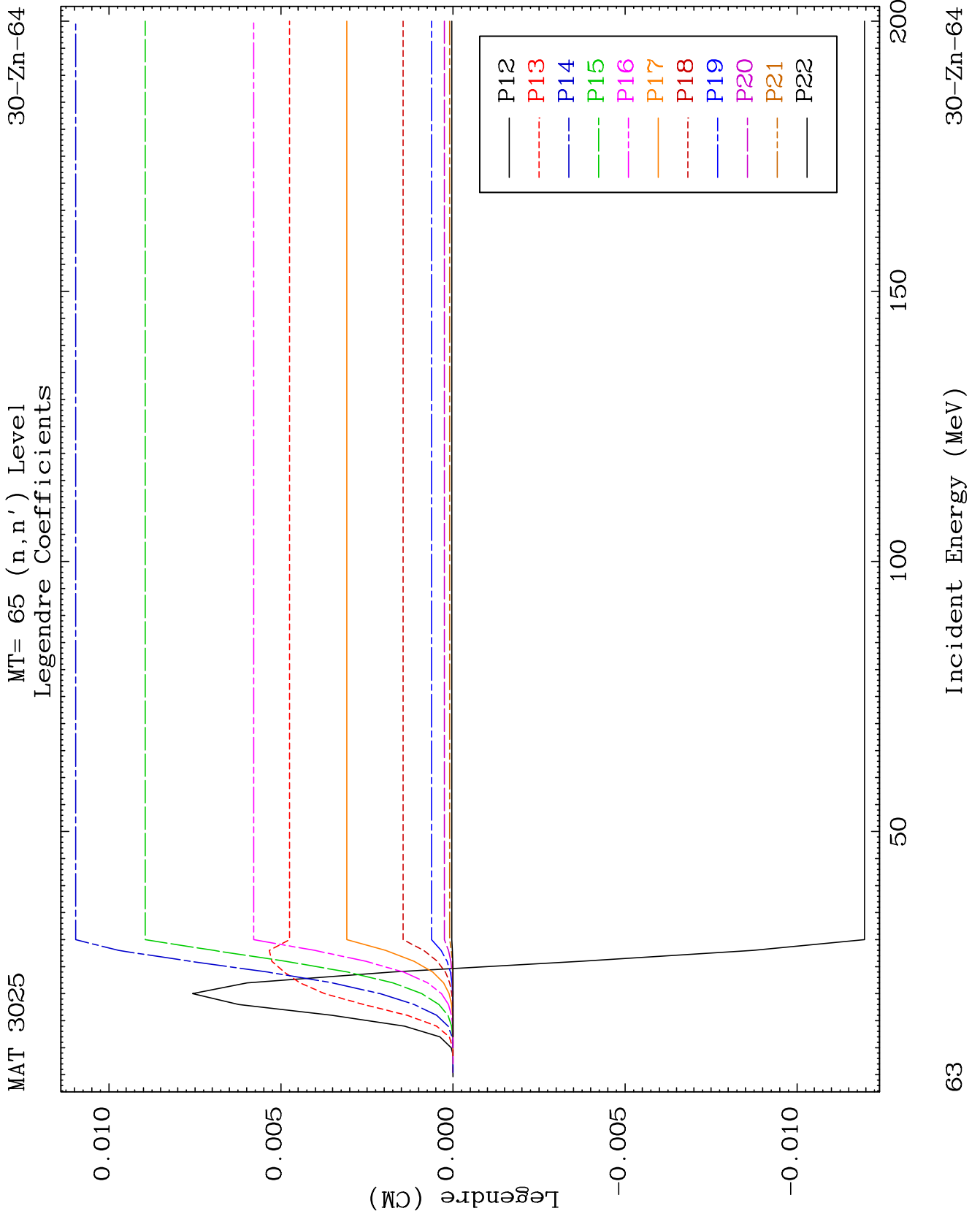


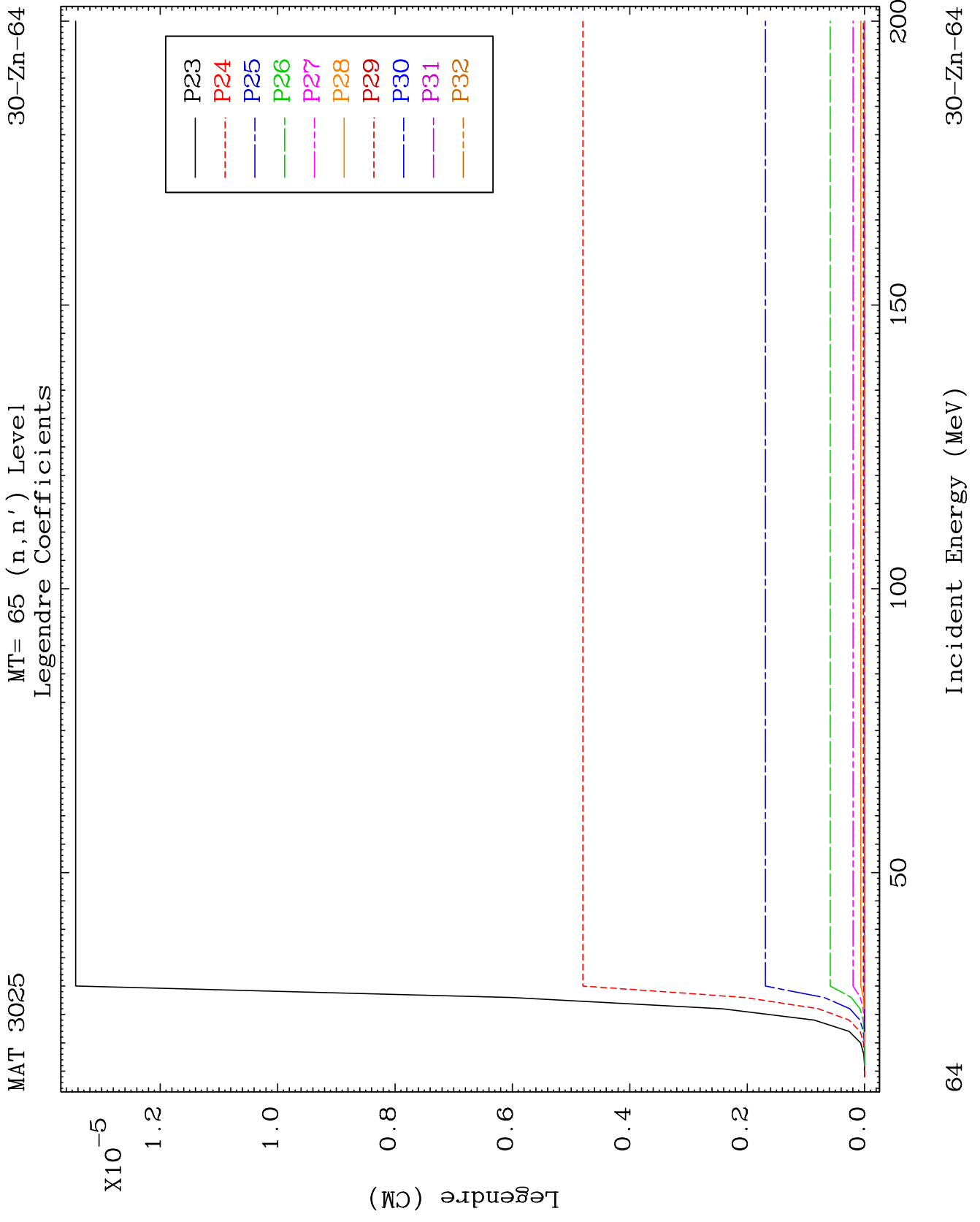


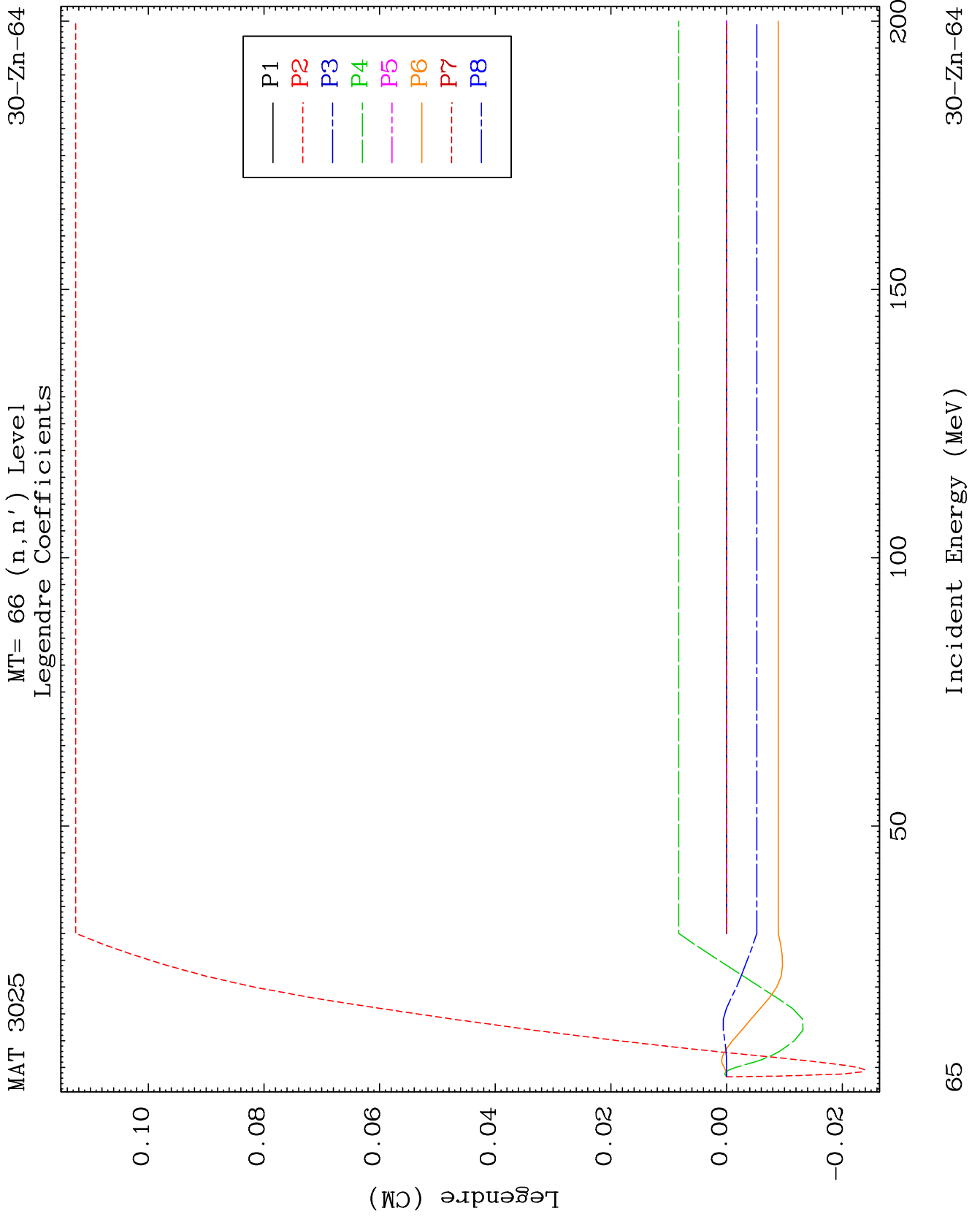


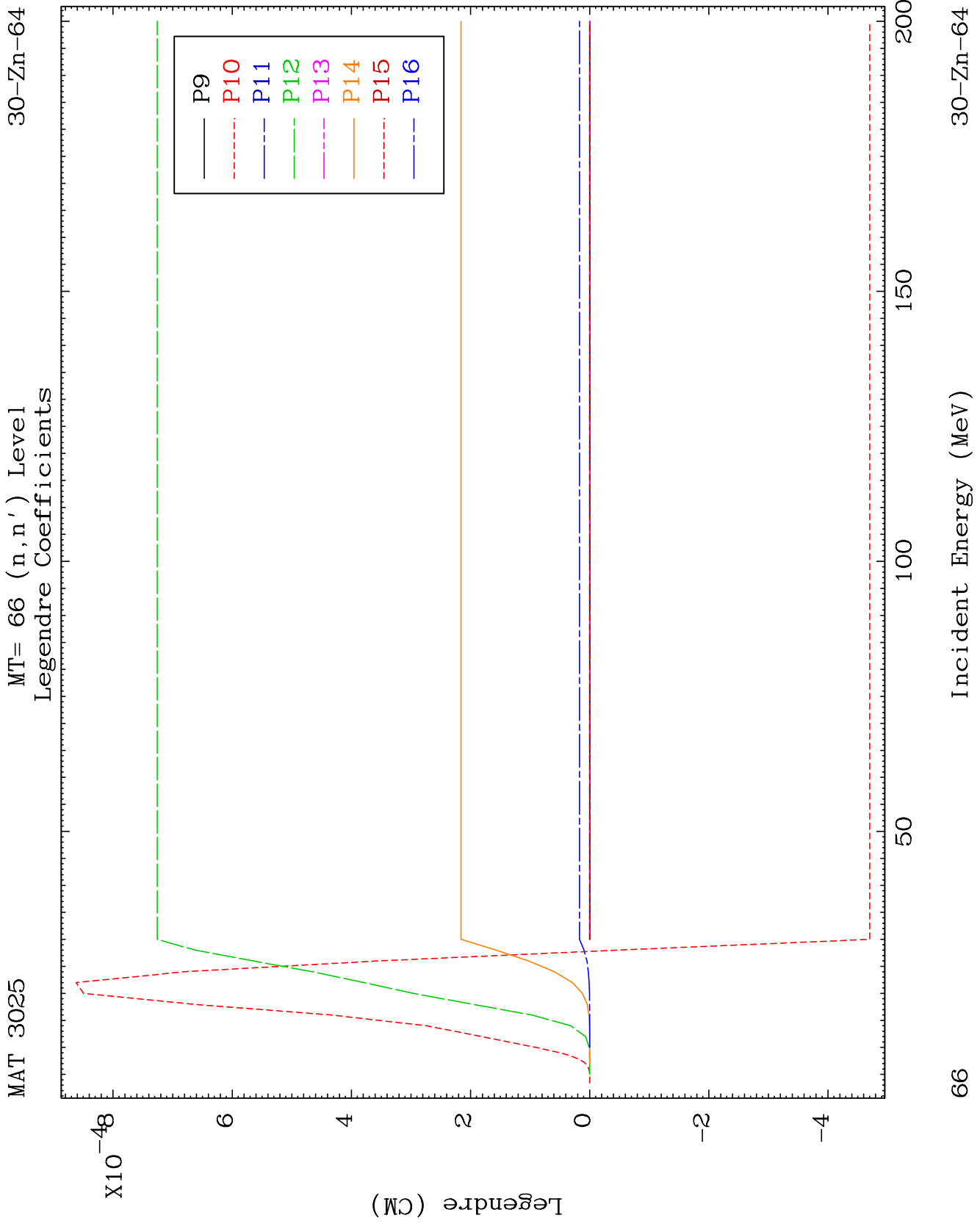


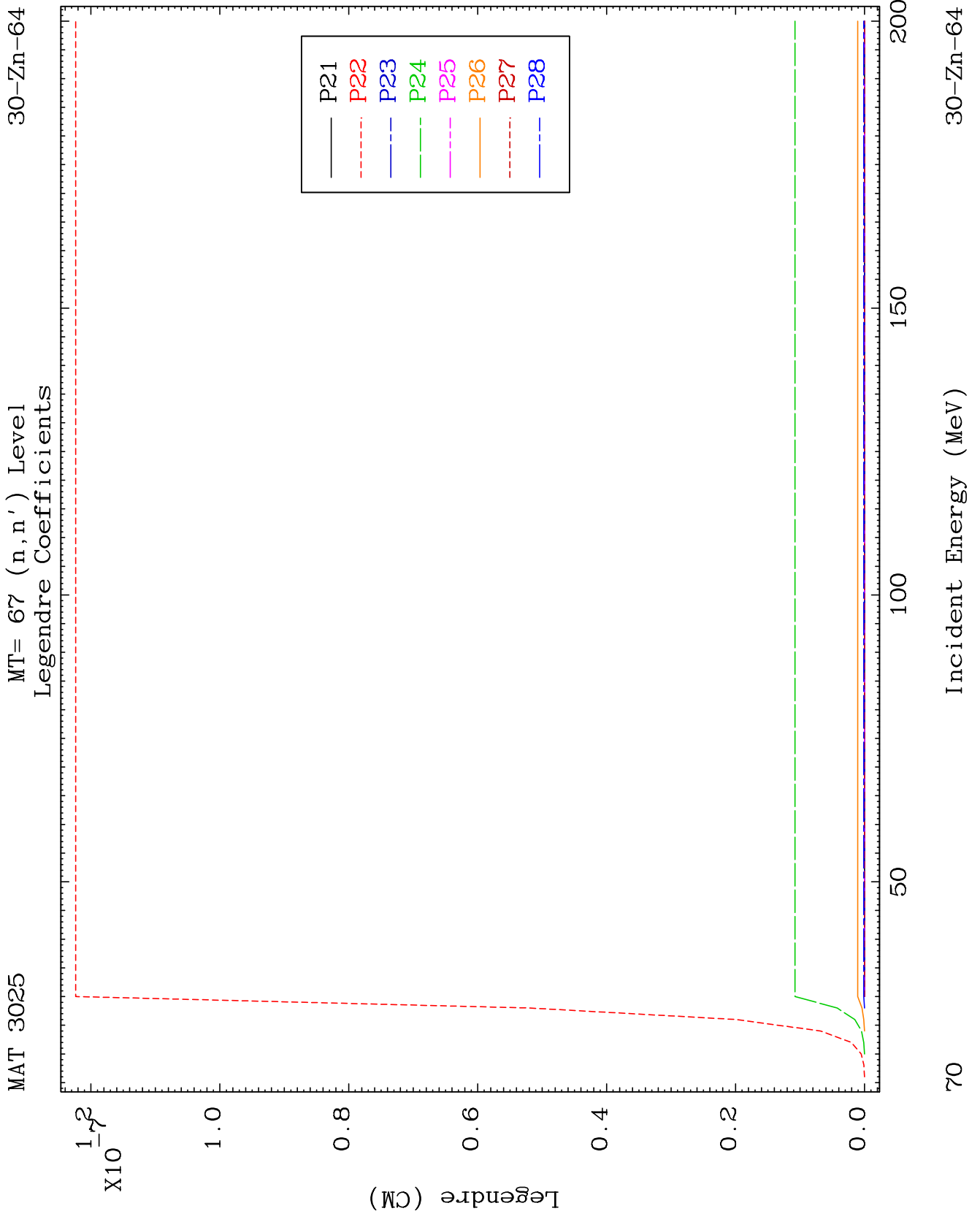








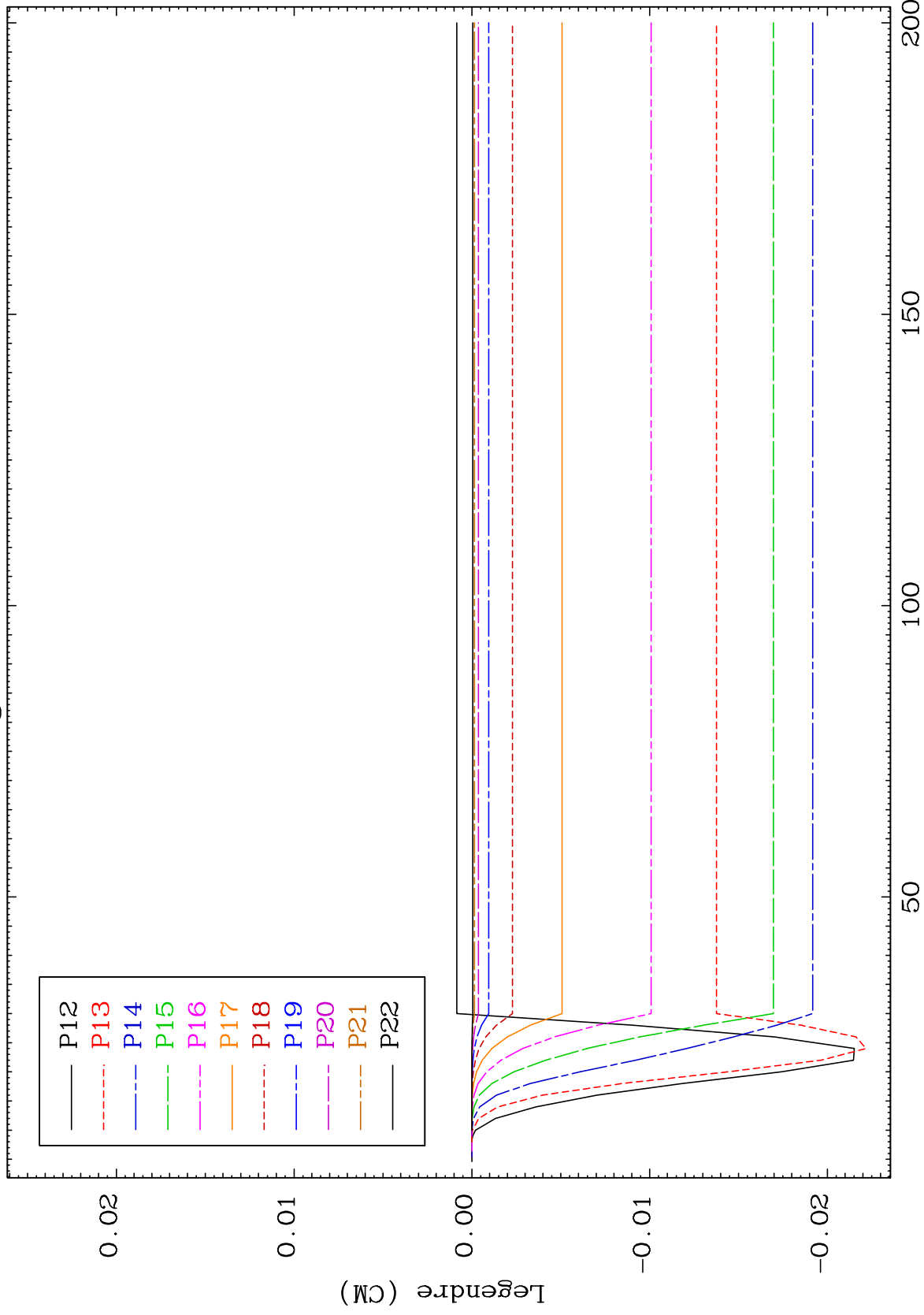




MAT 3025

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

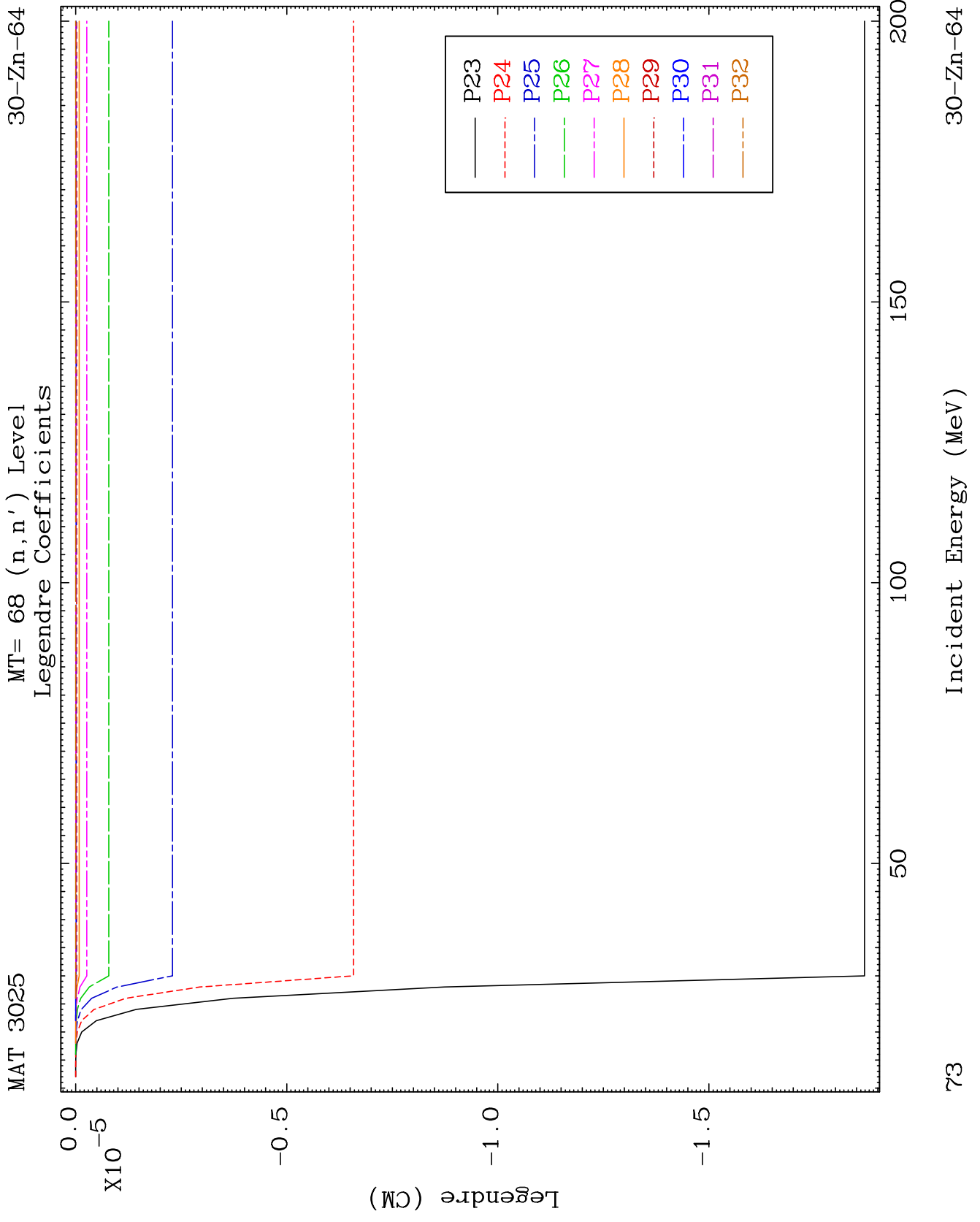
30-Zn-64

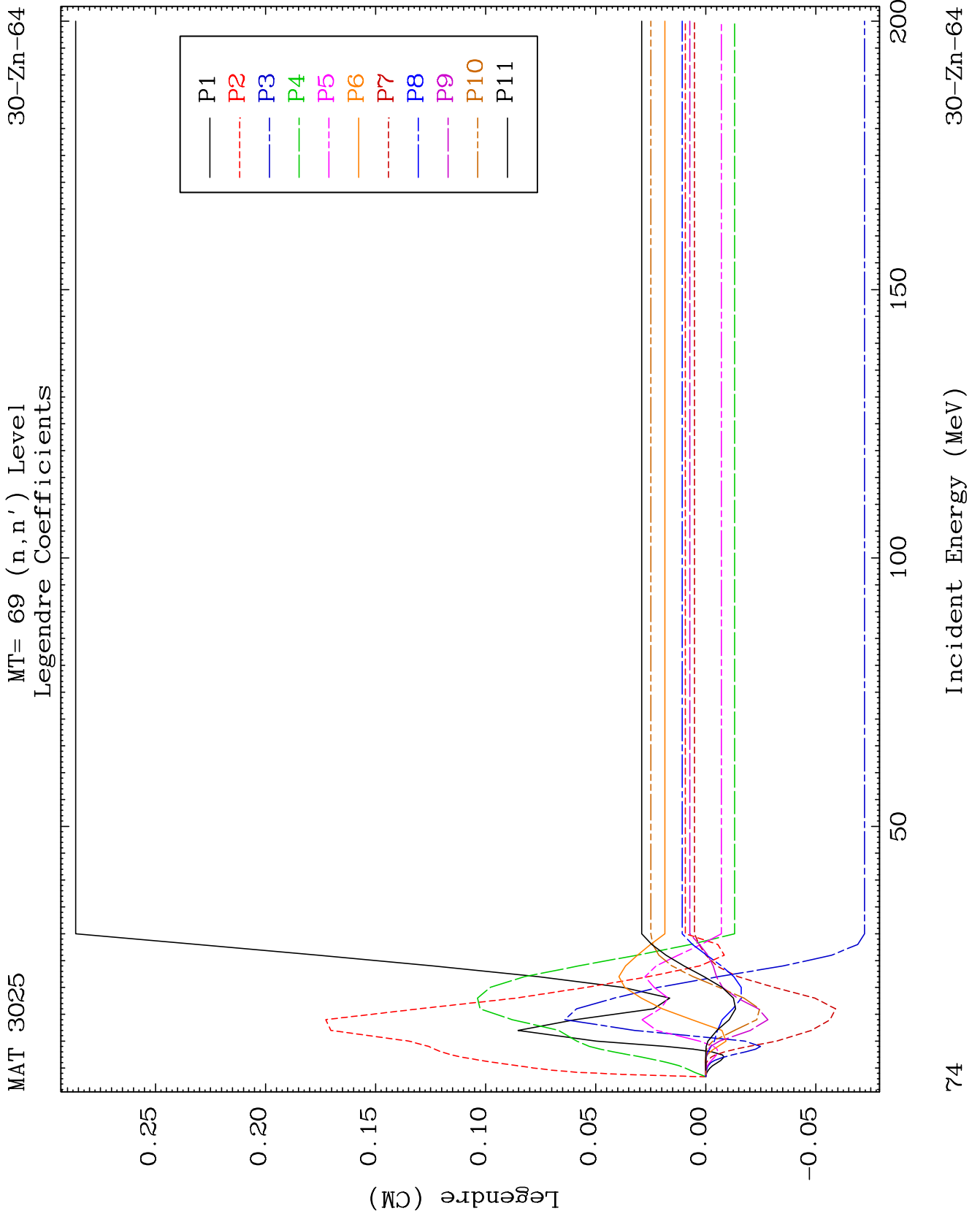


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Incident Energy (MeV)

30-Zn-64

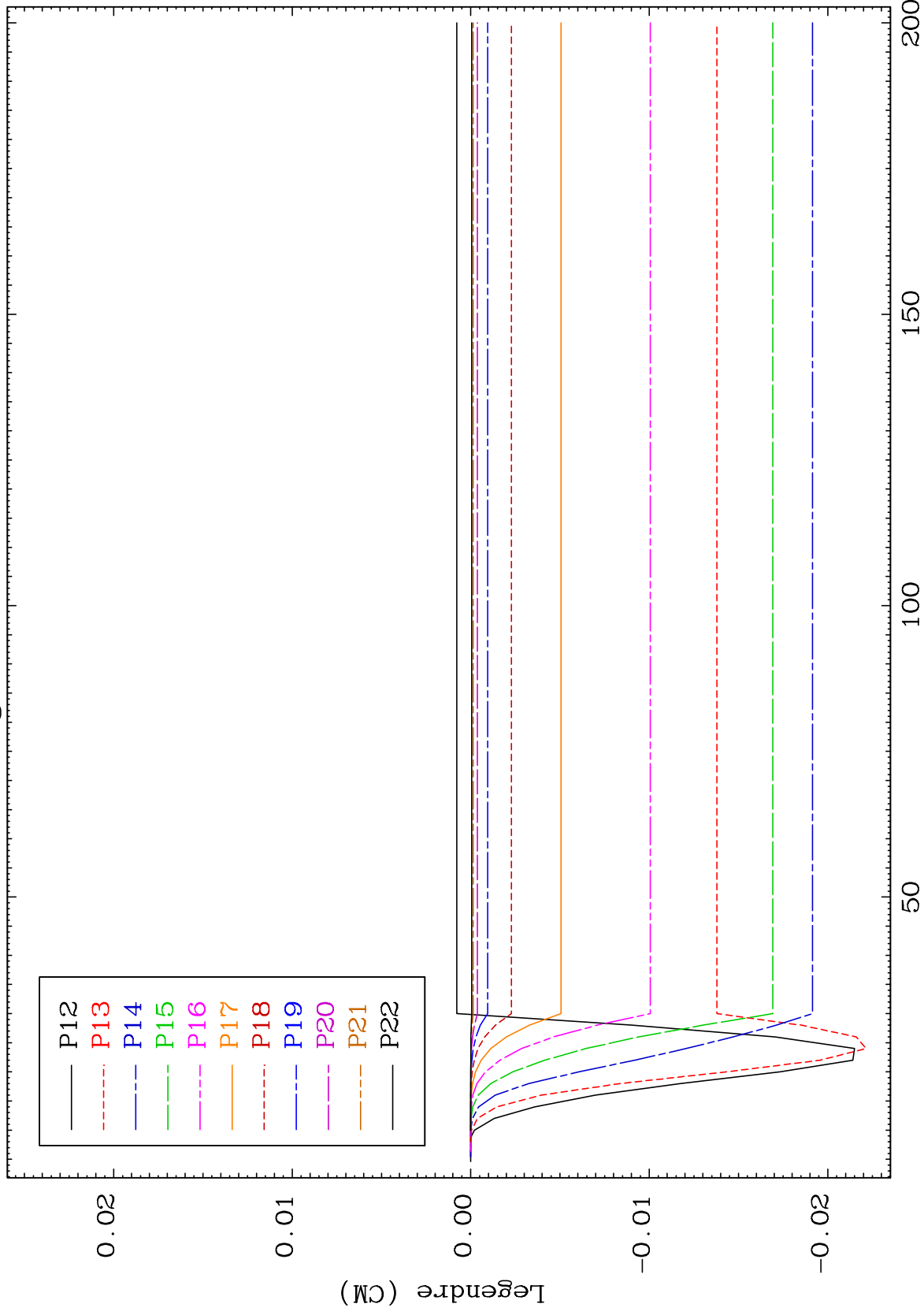




MAT 3025

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

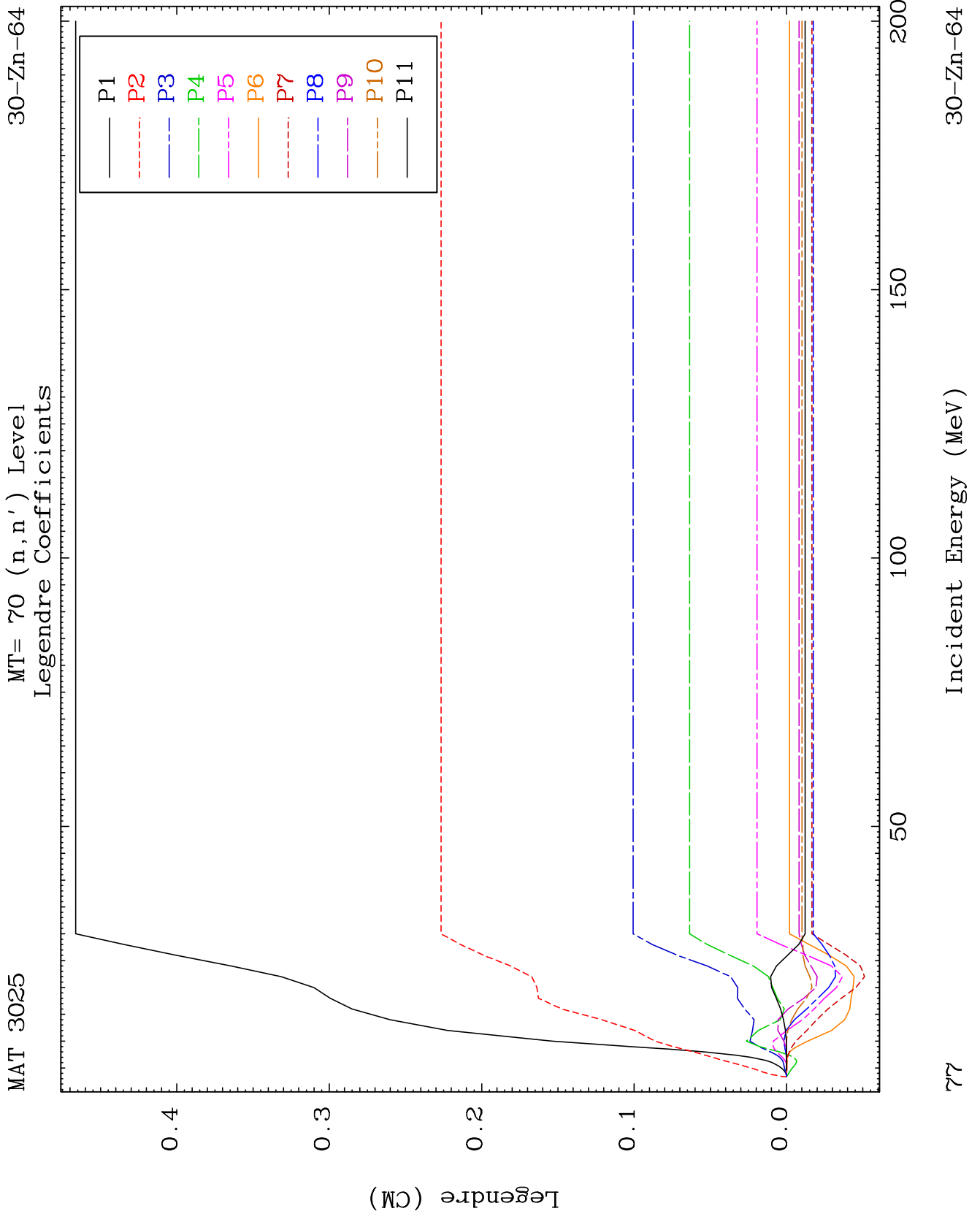
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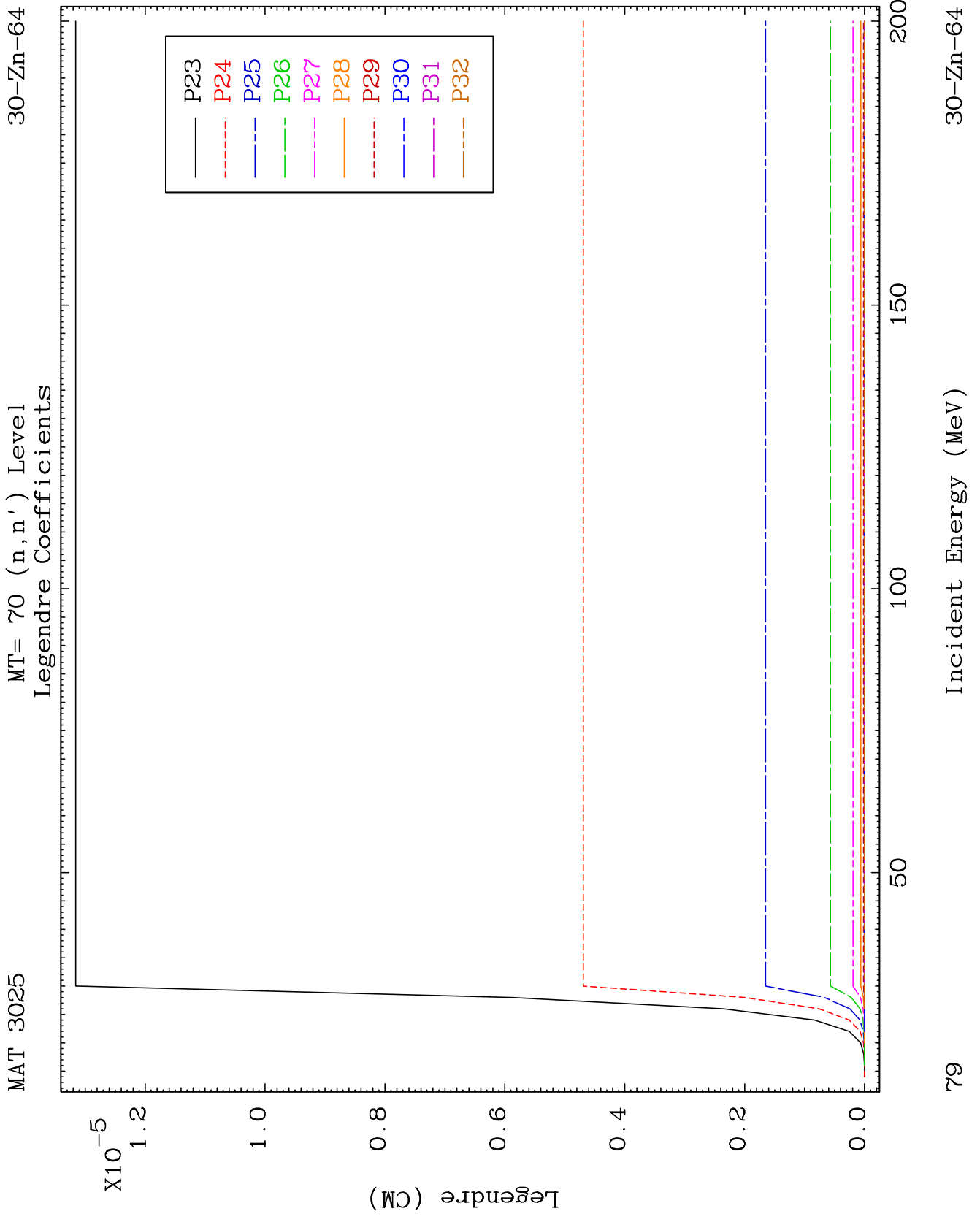


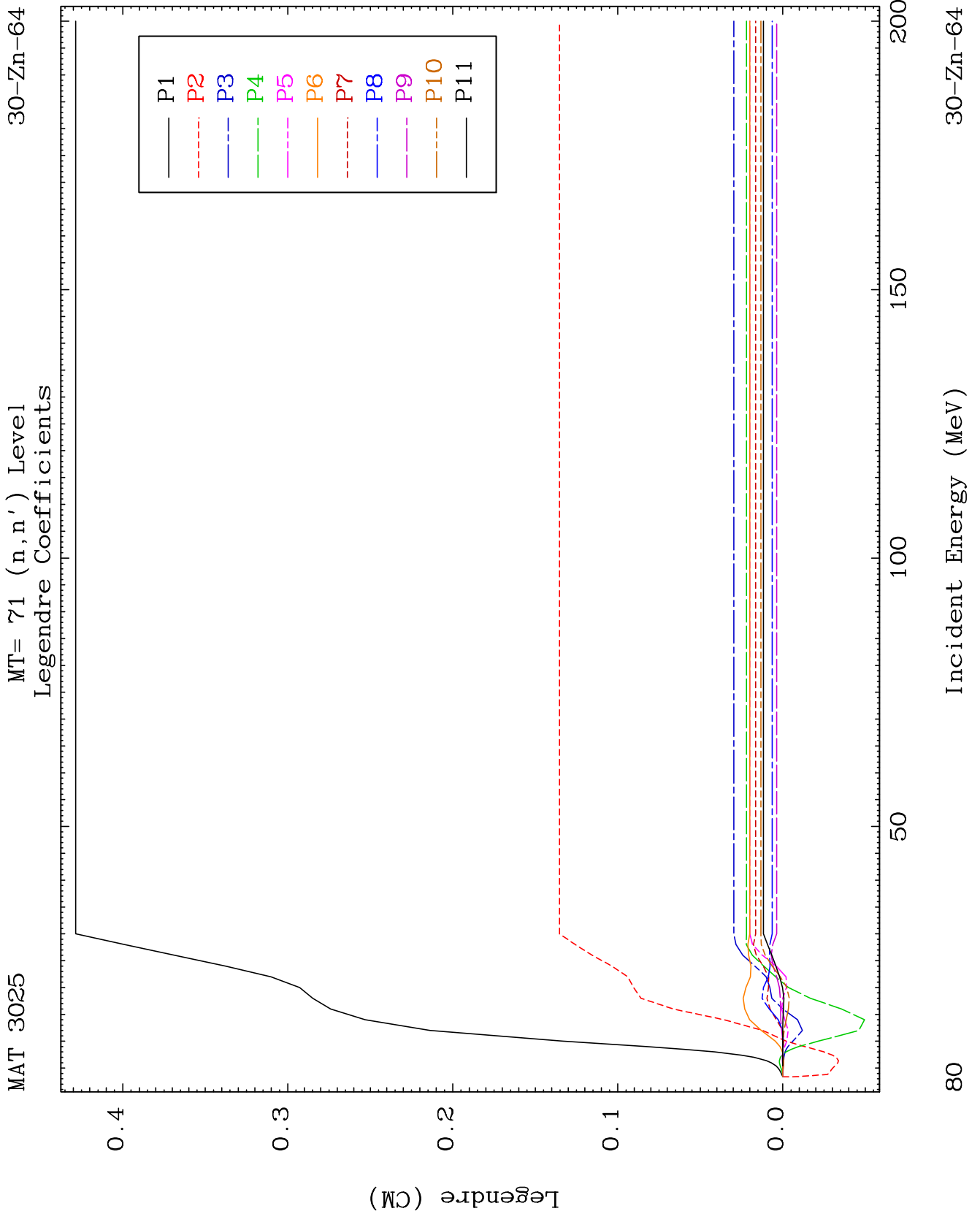
75

Incident Energy (MeV)

30-Zn-64



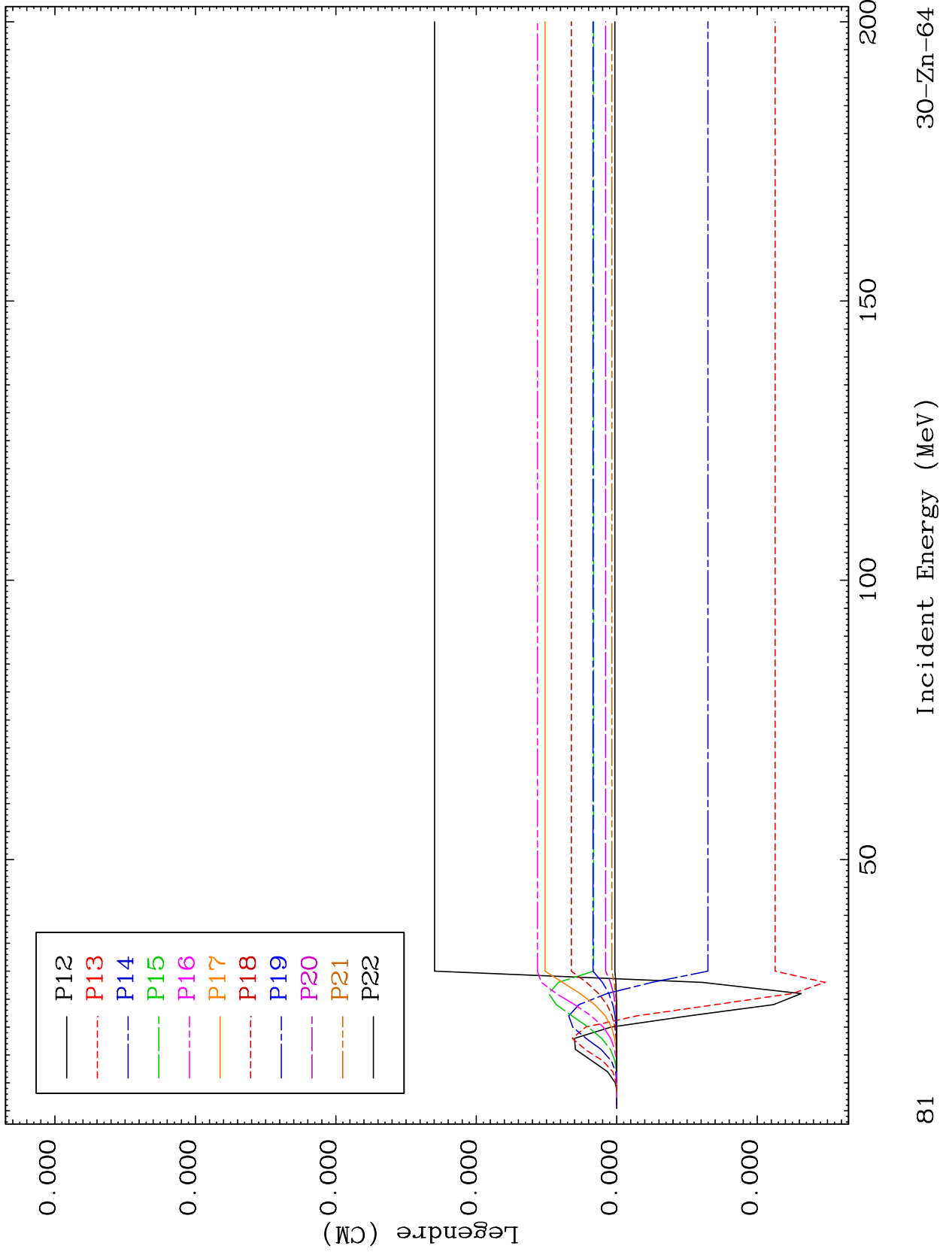


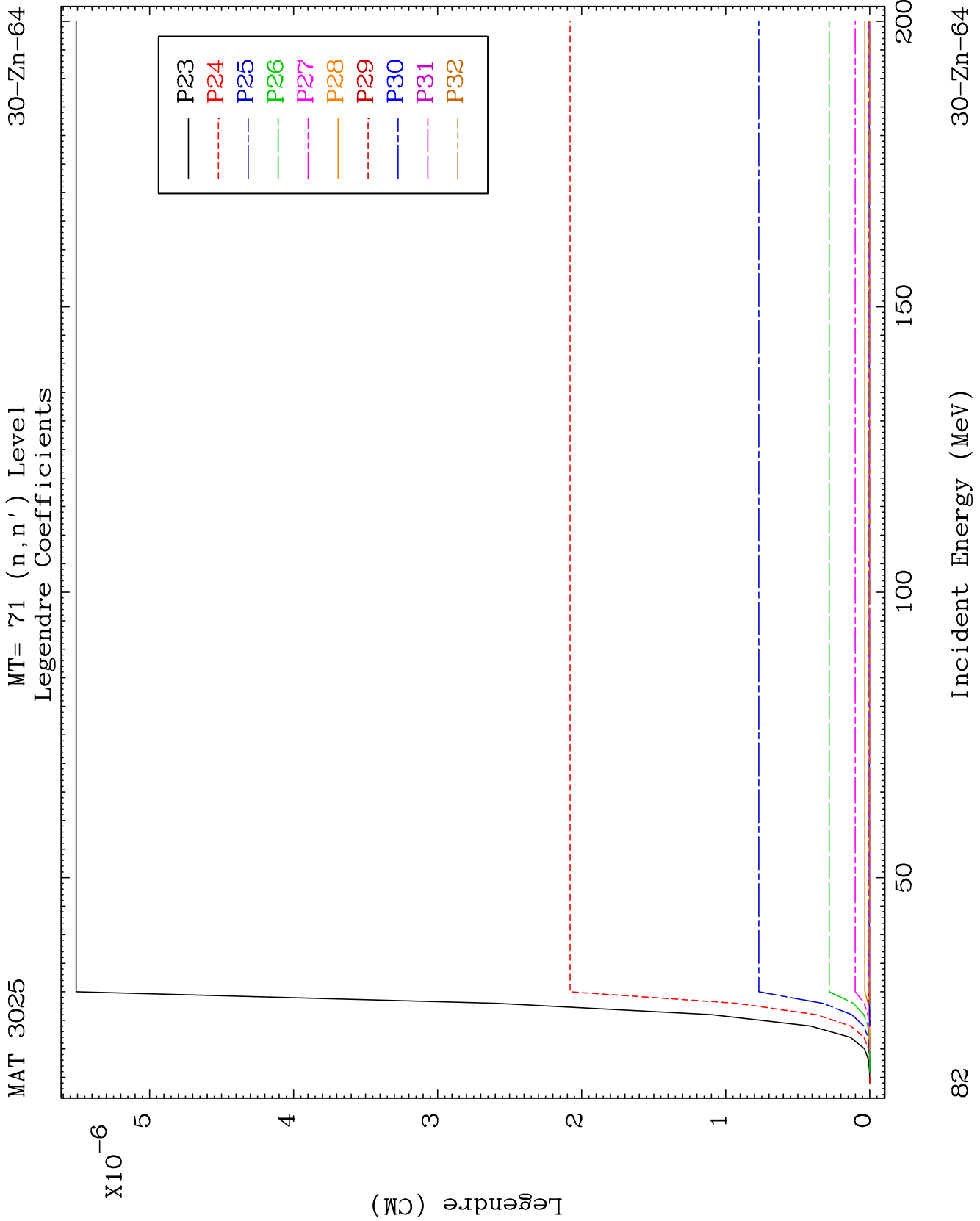


MAT 3025

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

30-Zn-64

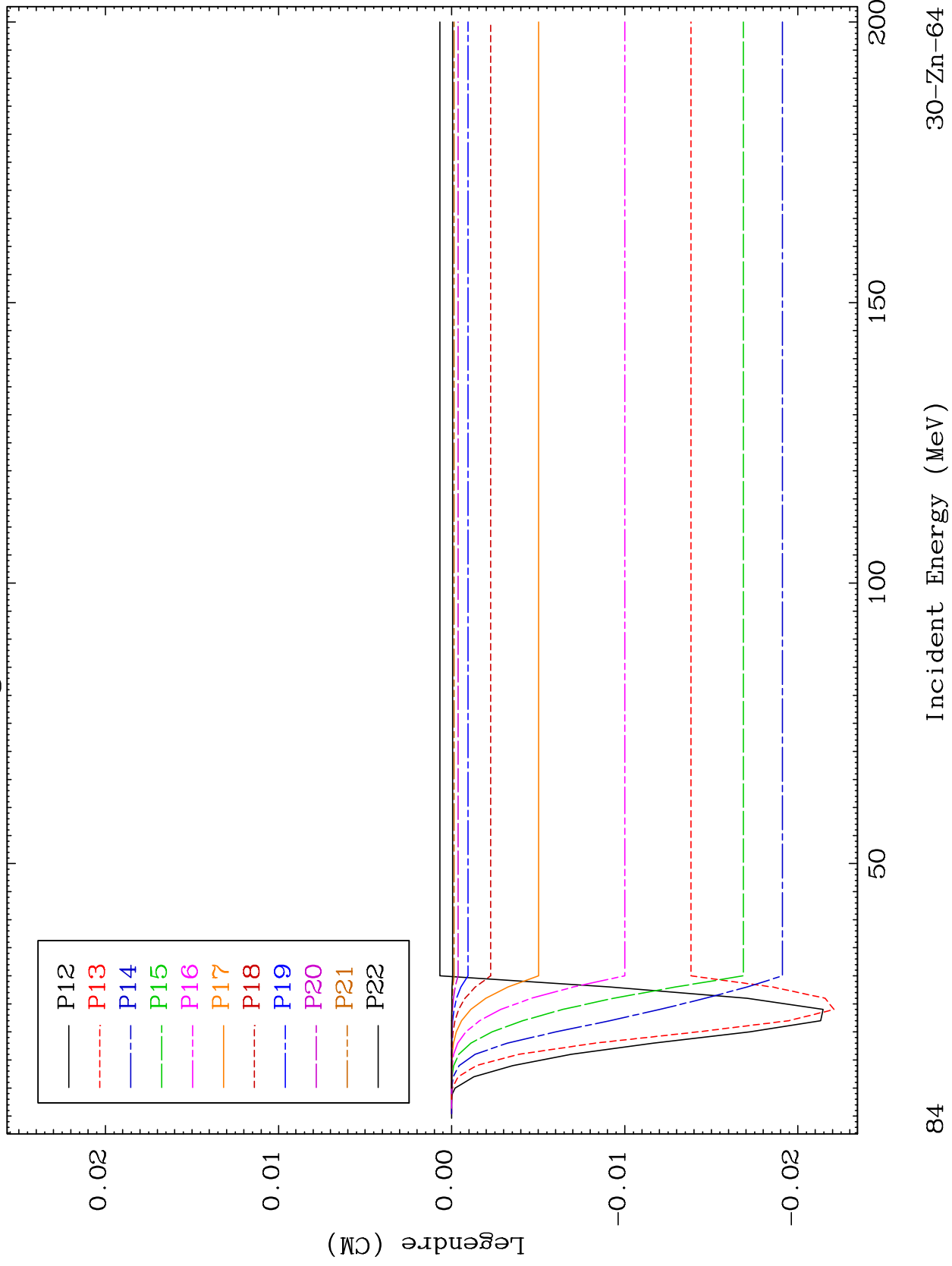




MAT 3025

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

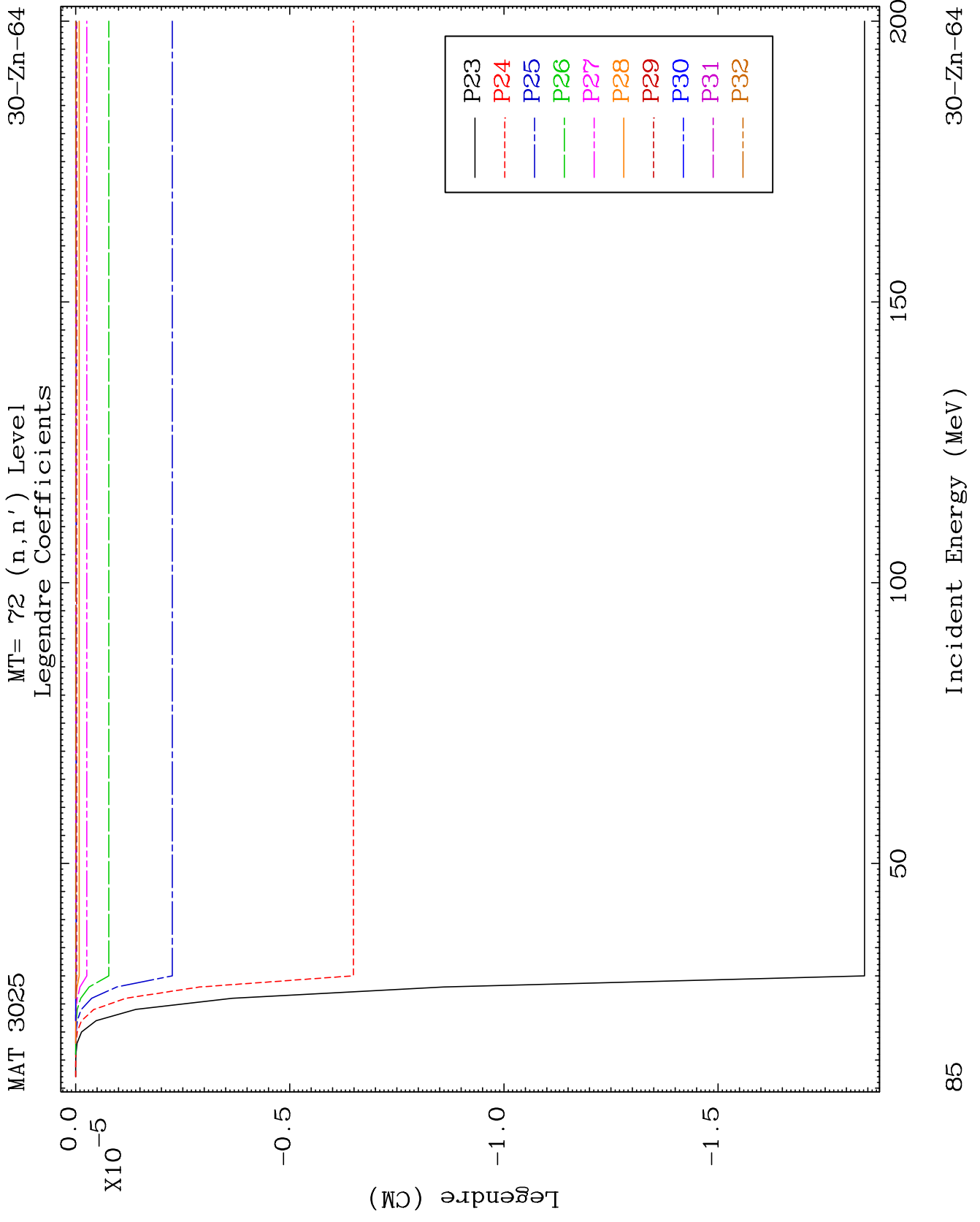
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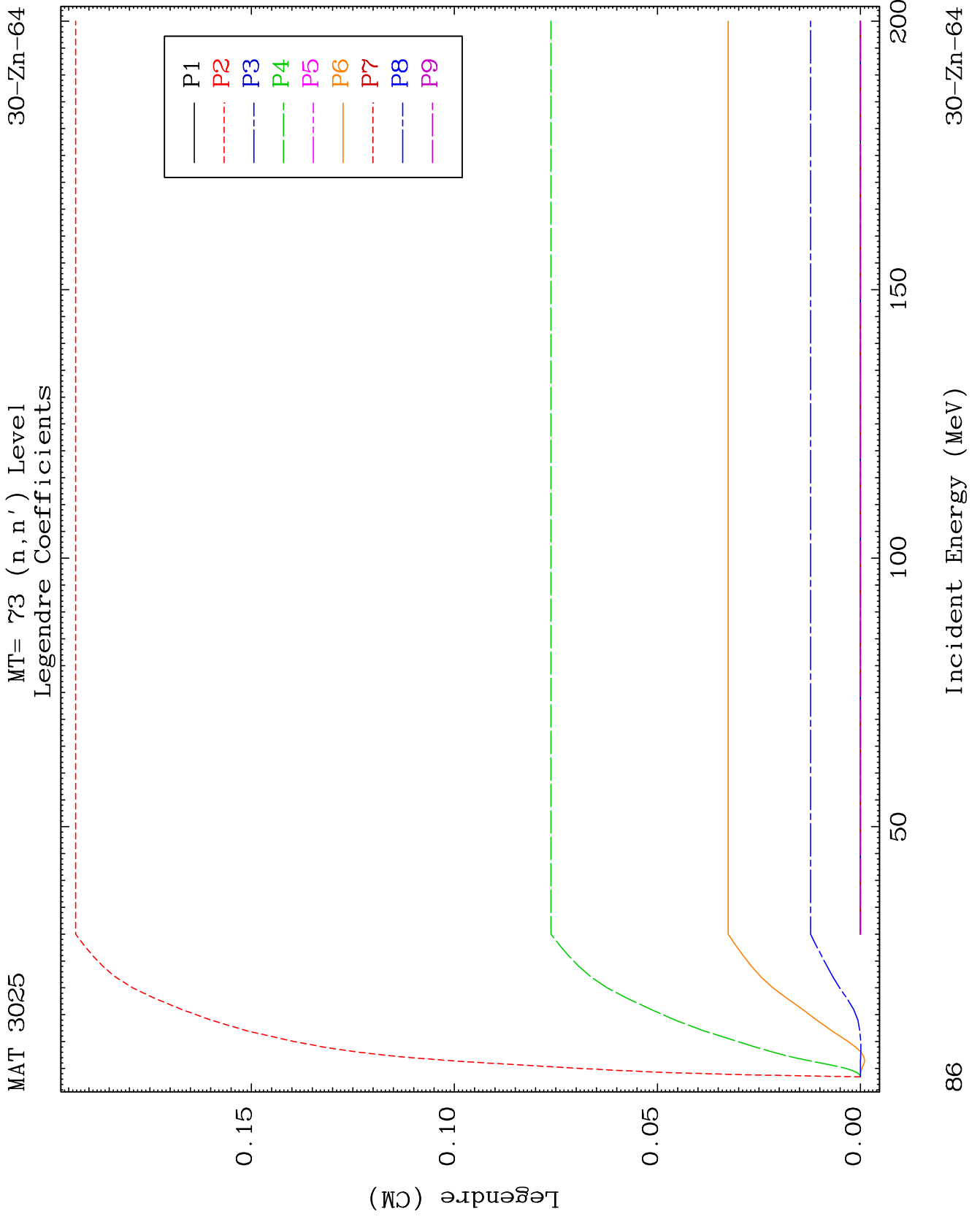


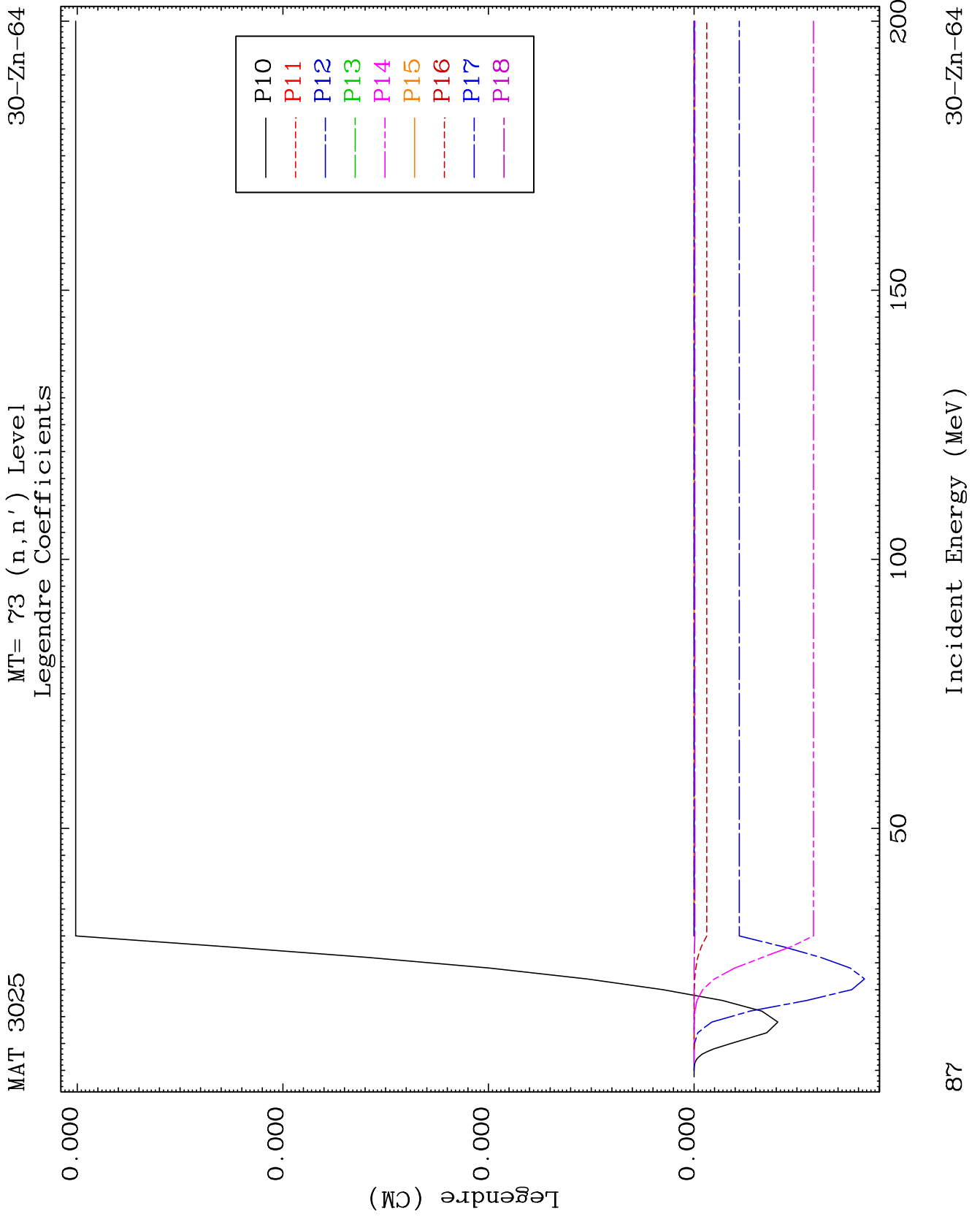
84

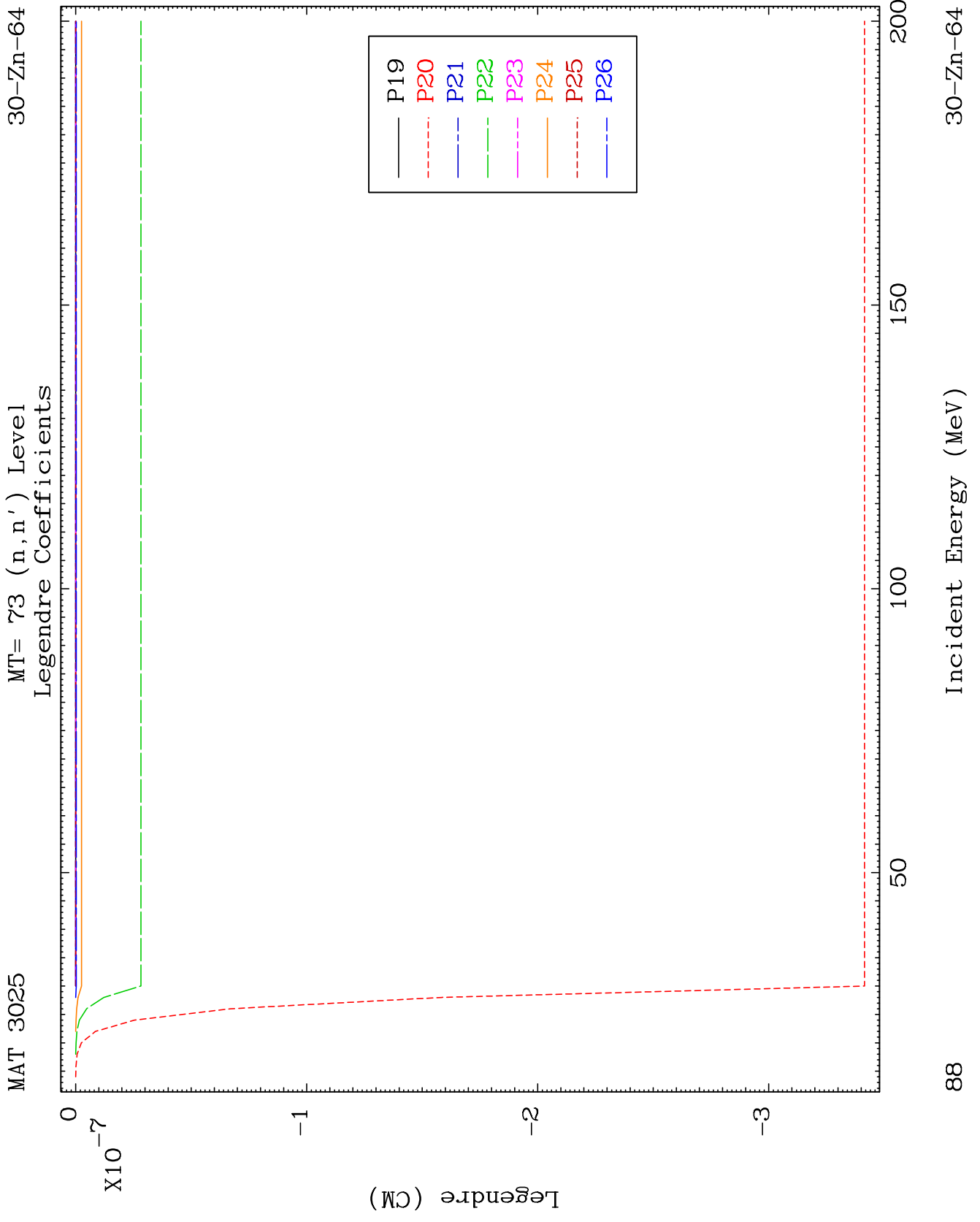
Incident Energy (MeV)

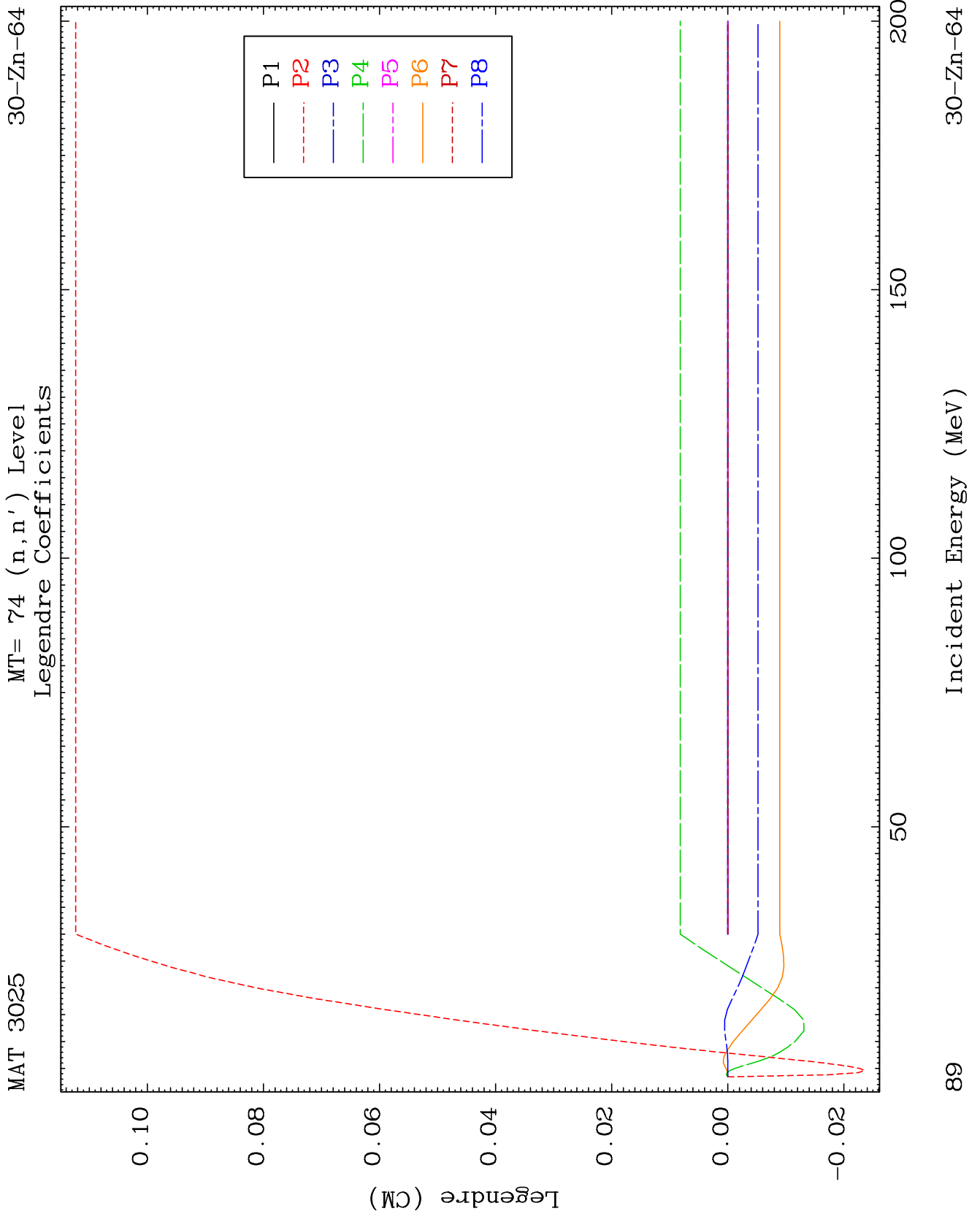
30-Zn-64

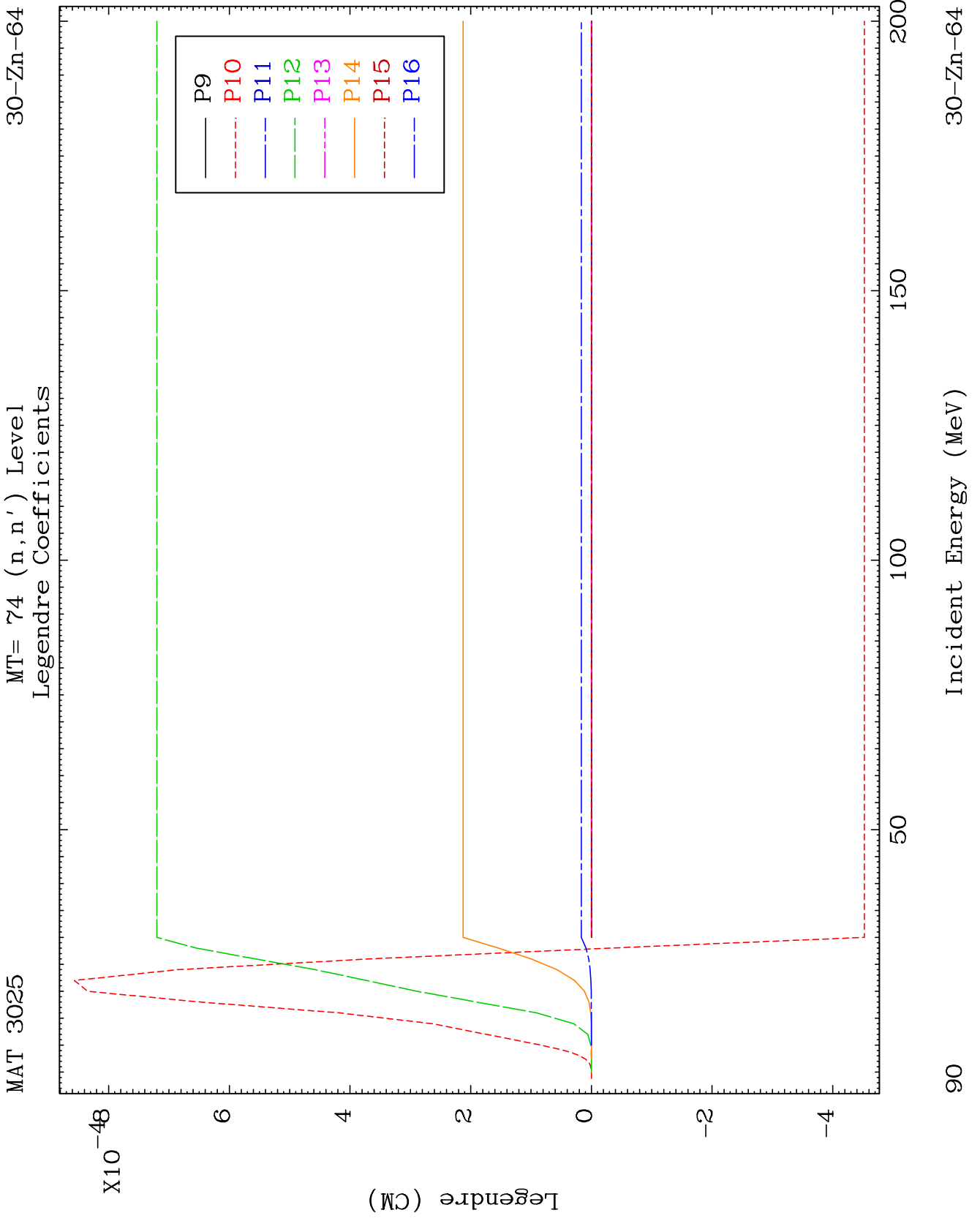


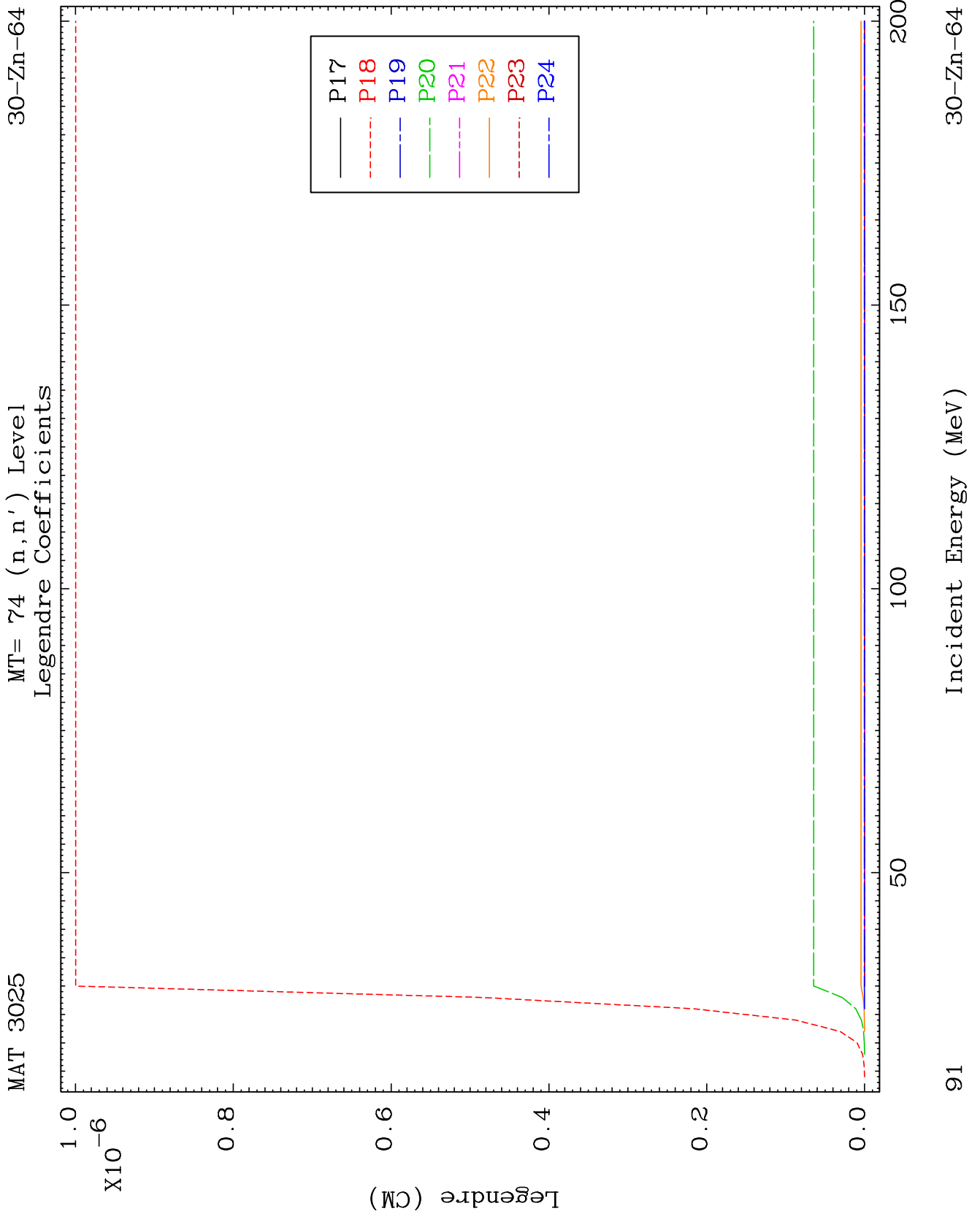


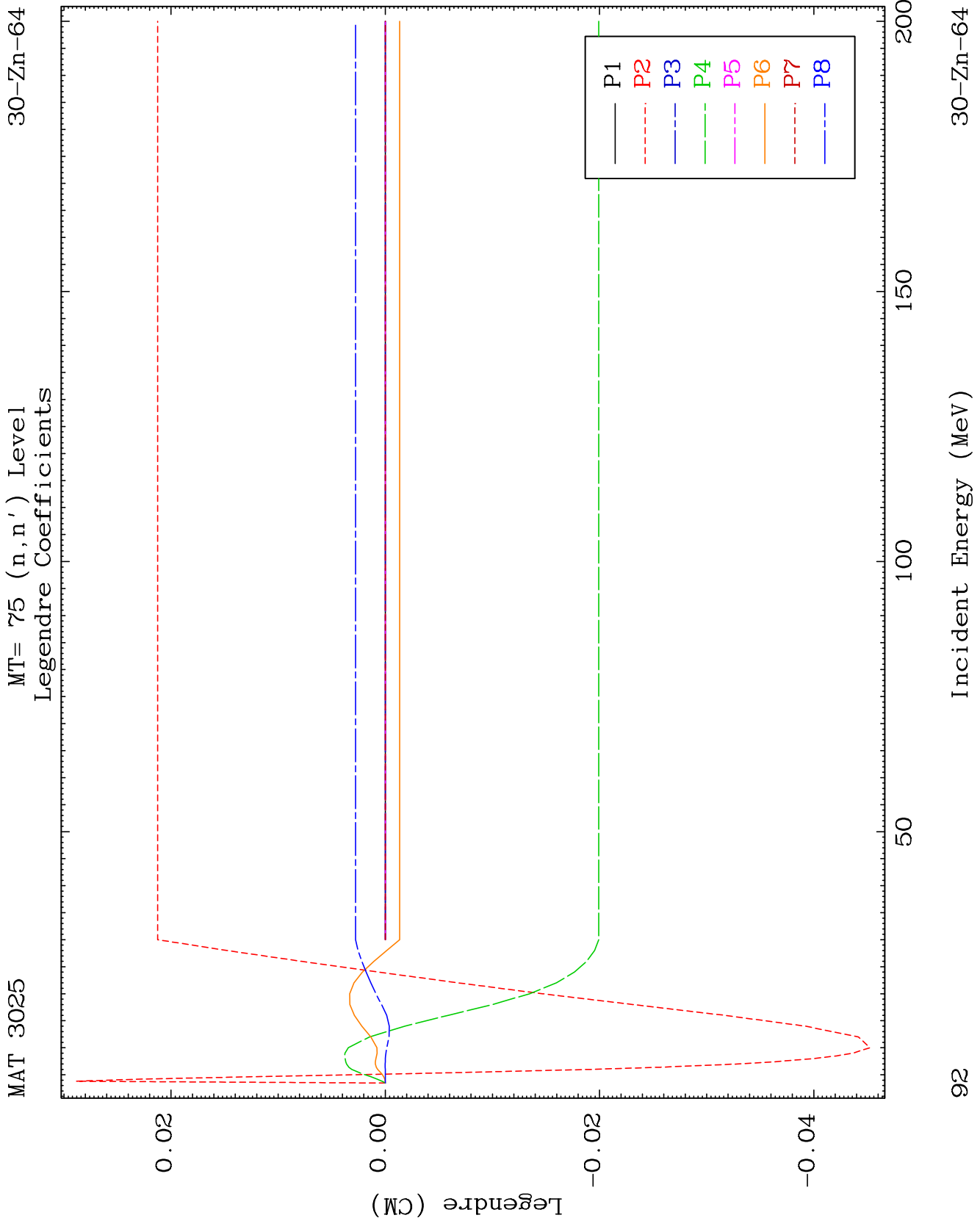


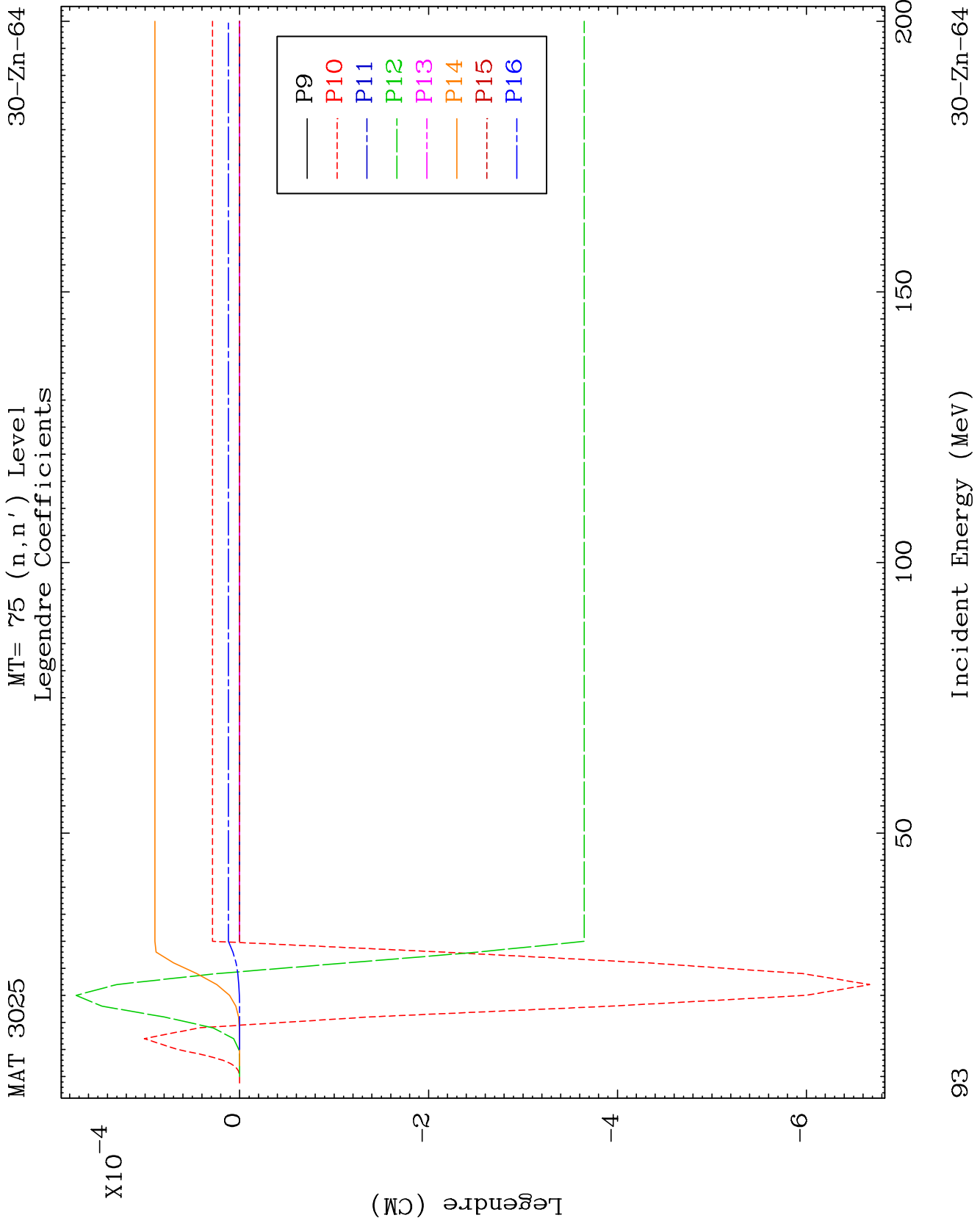


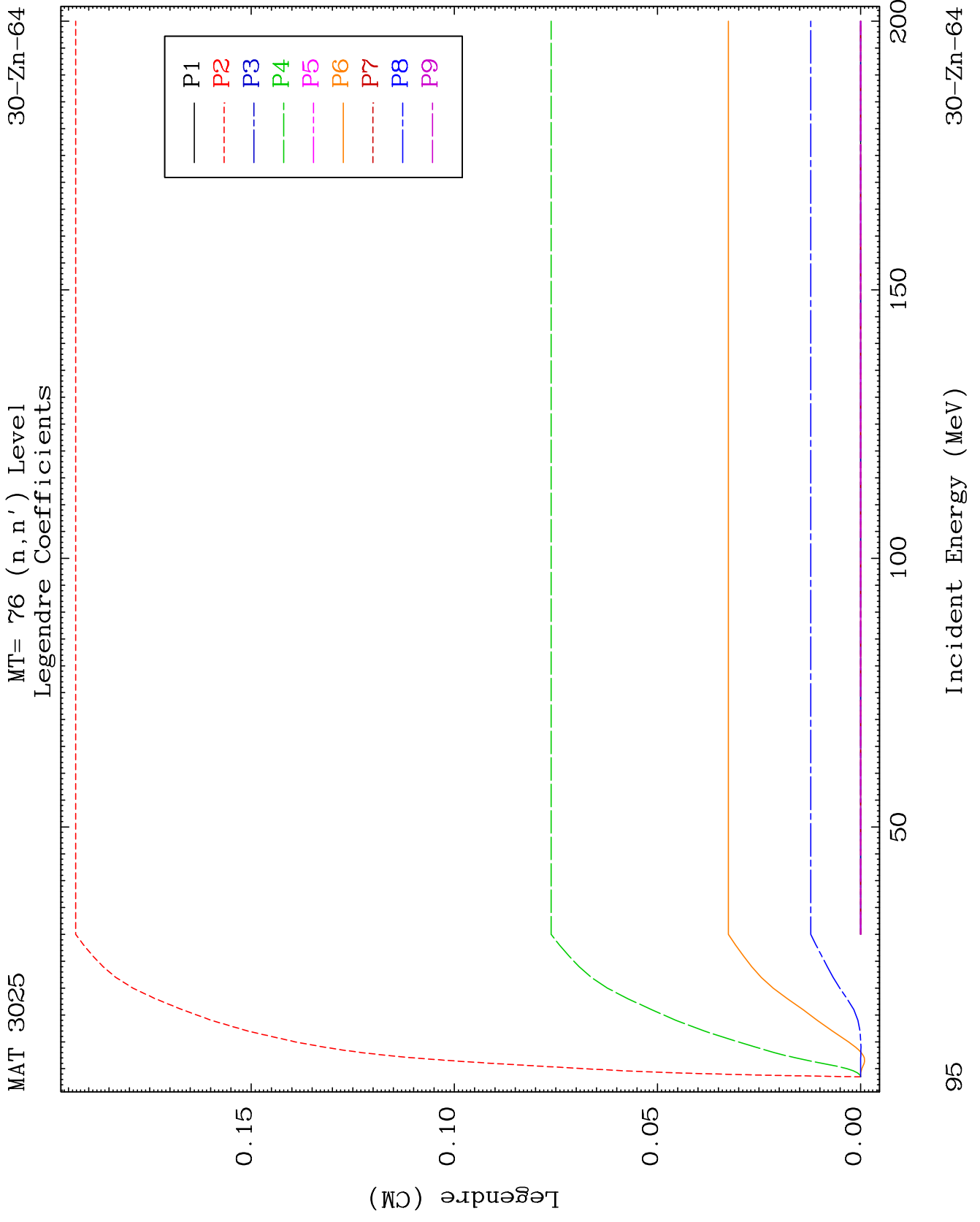


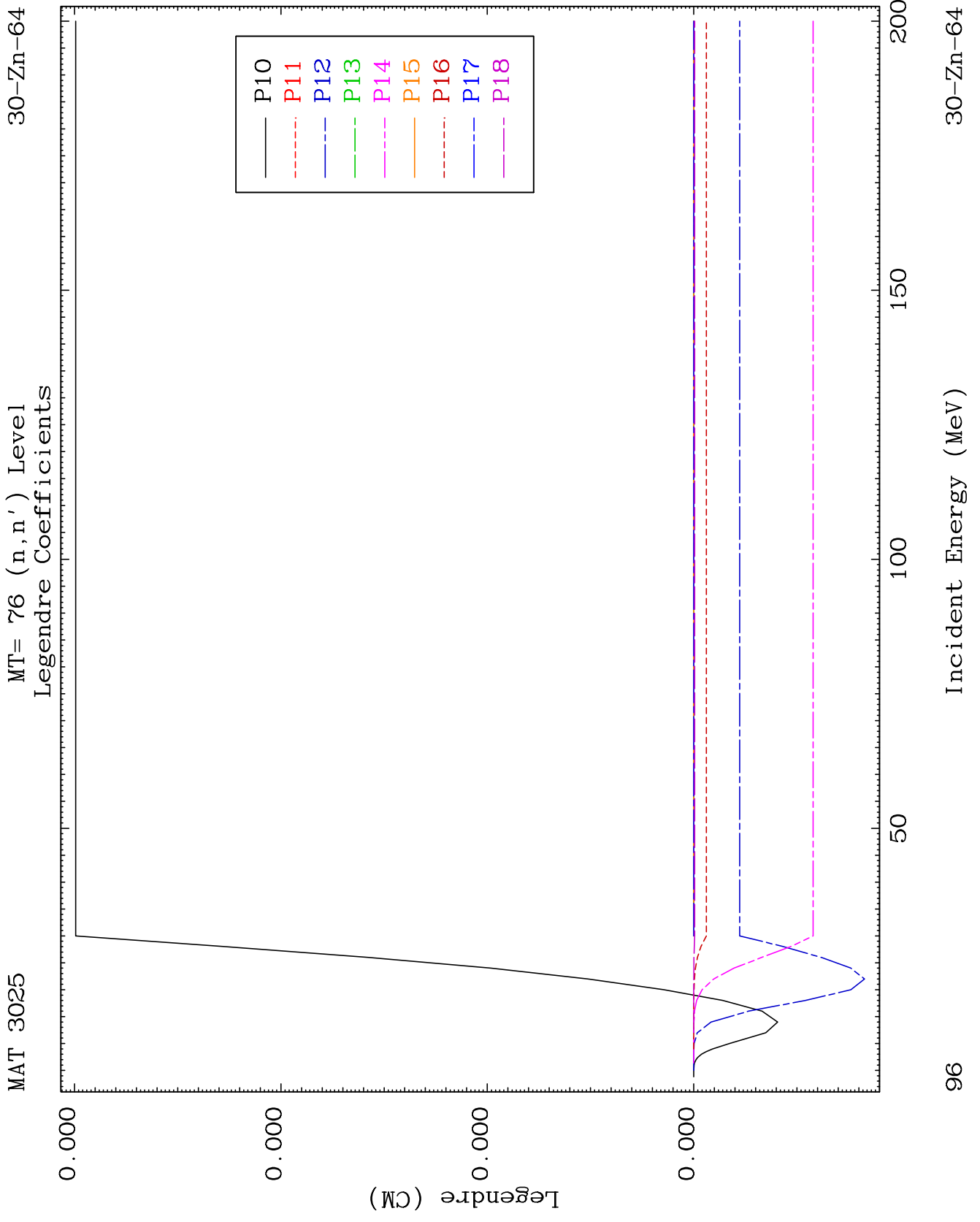


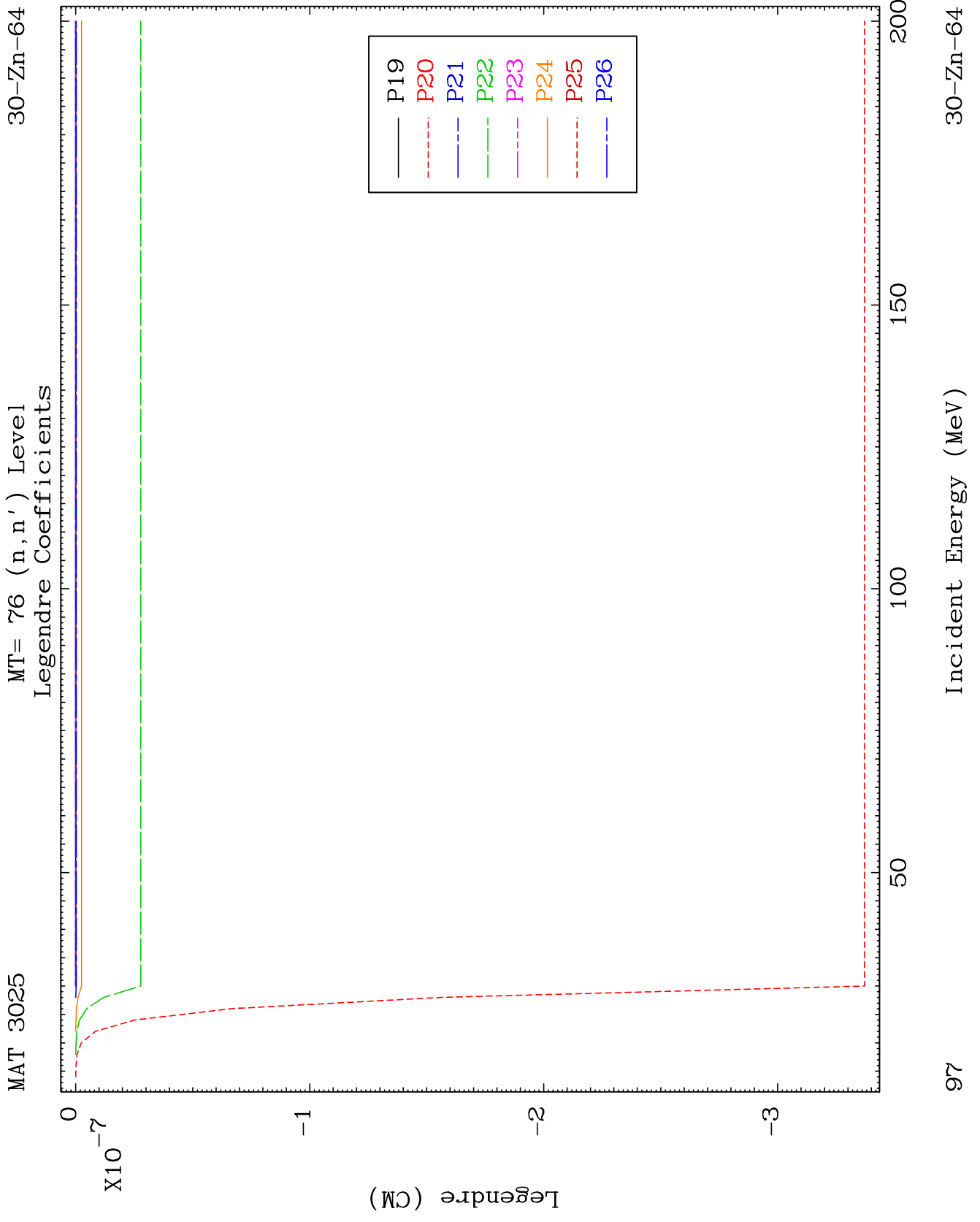


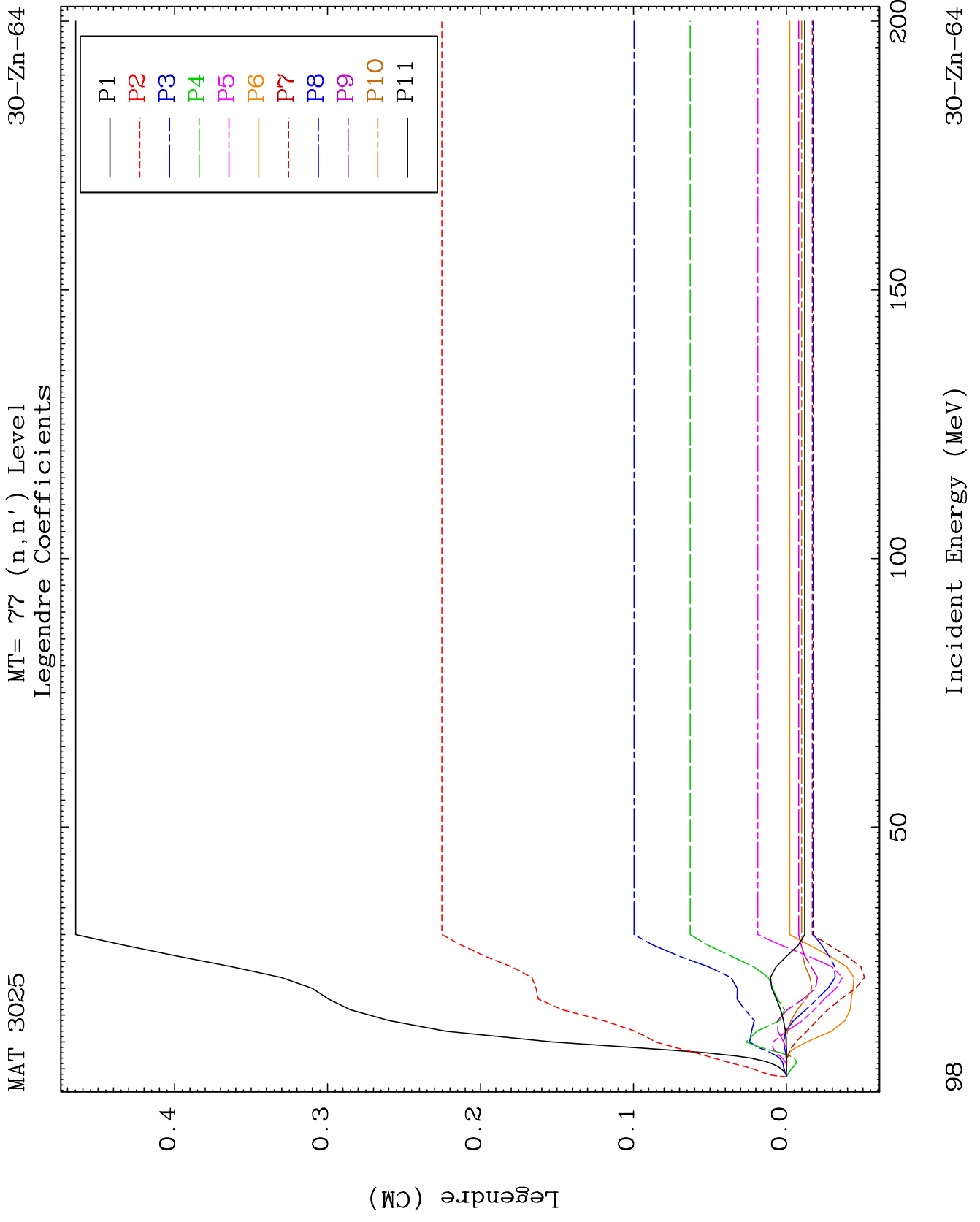


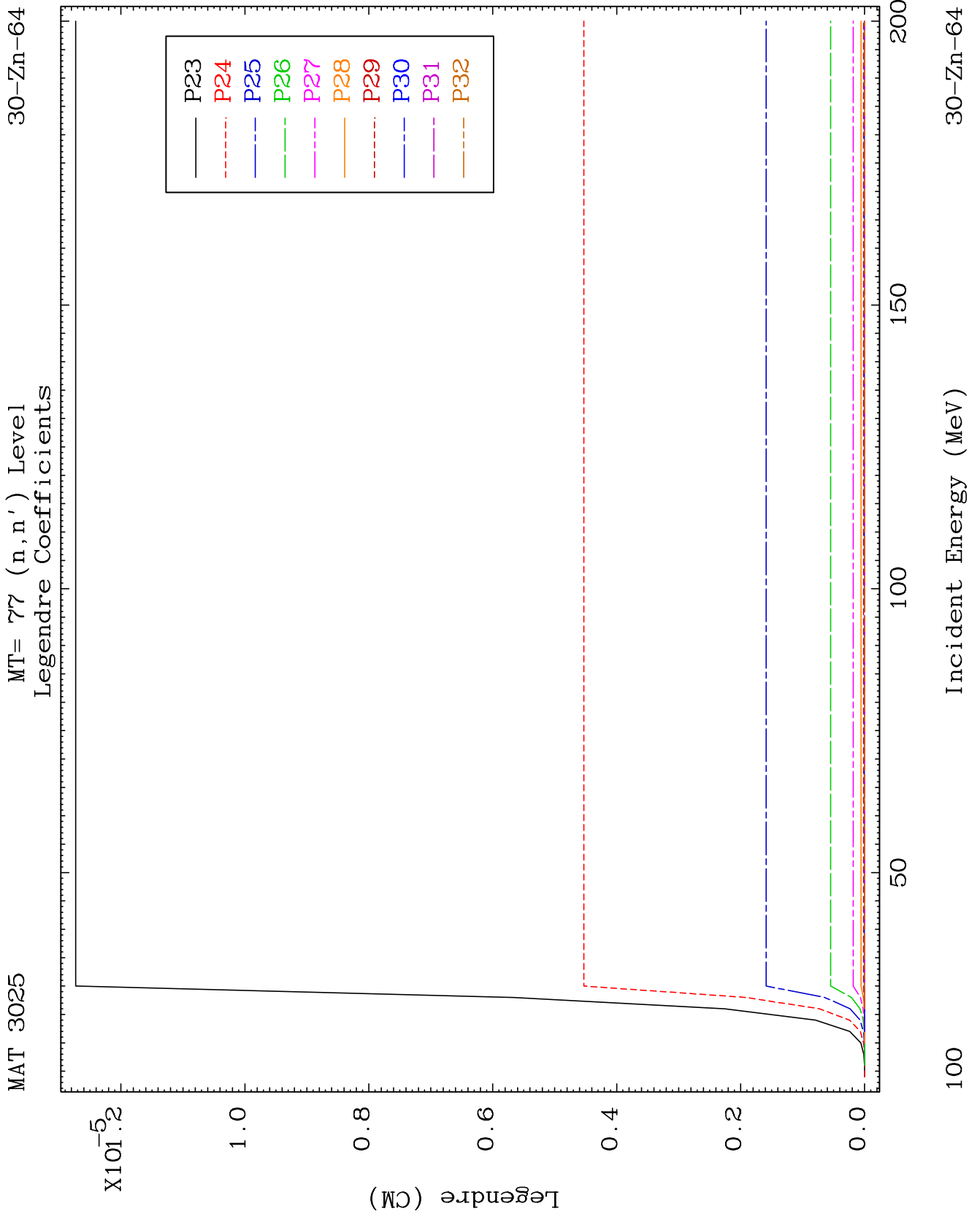


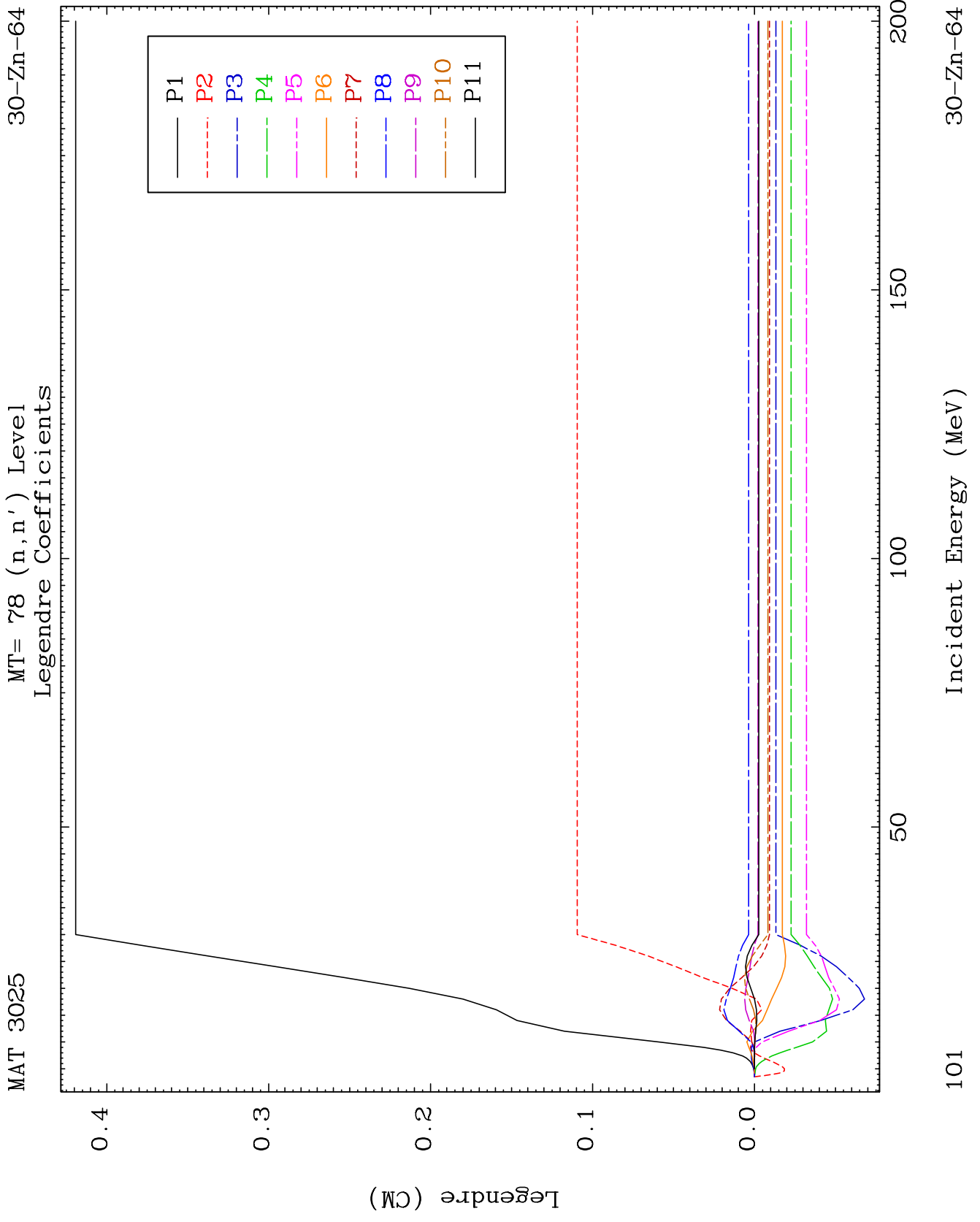








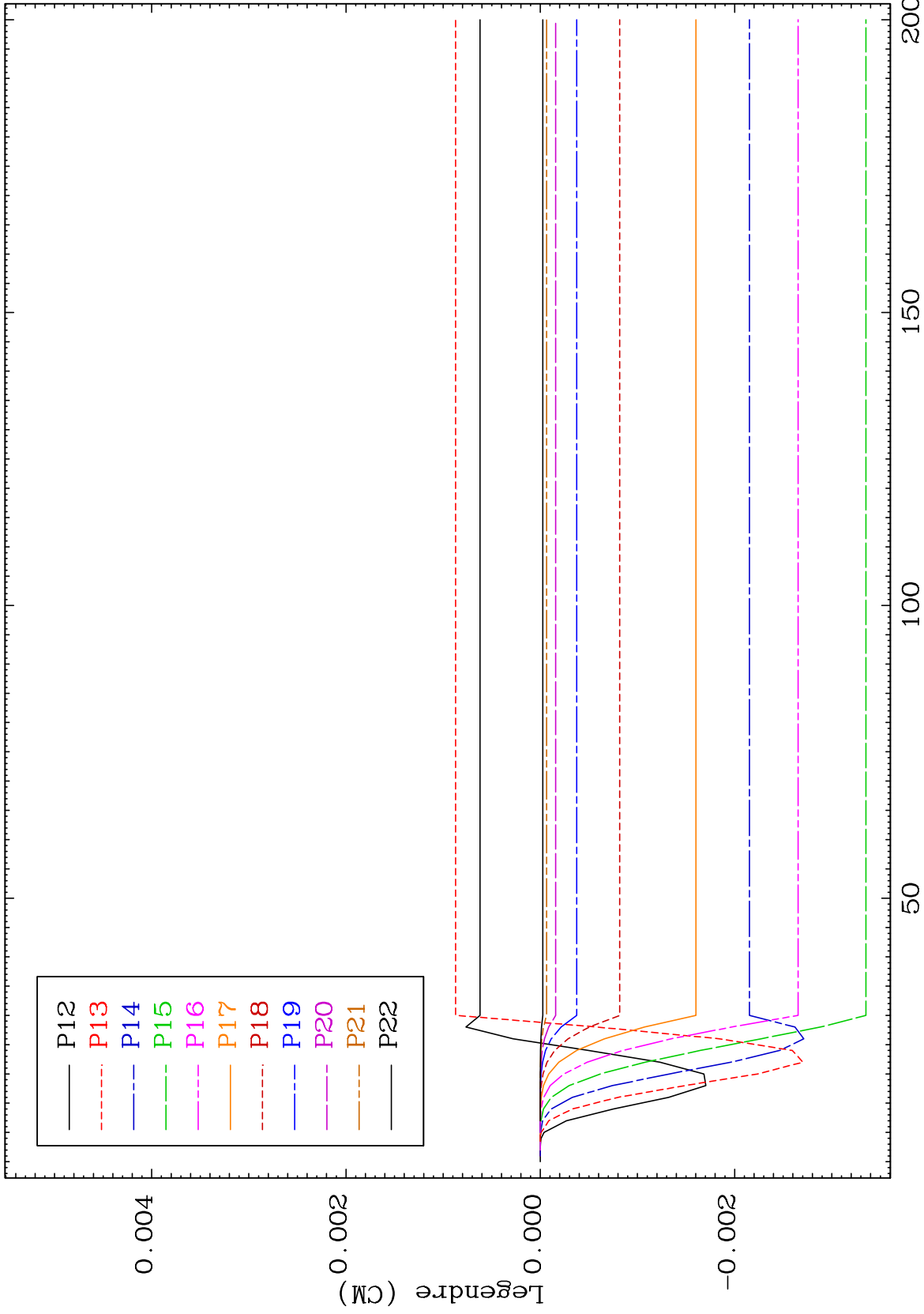




MAT 3025

MT= 78 (n,n') Level
Legendre Coefficients

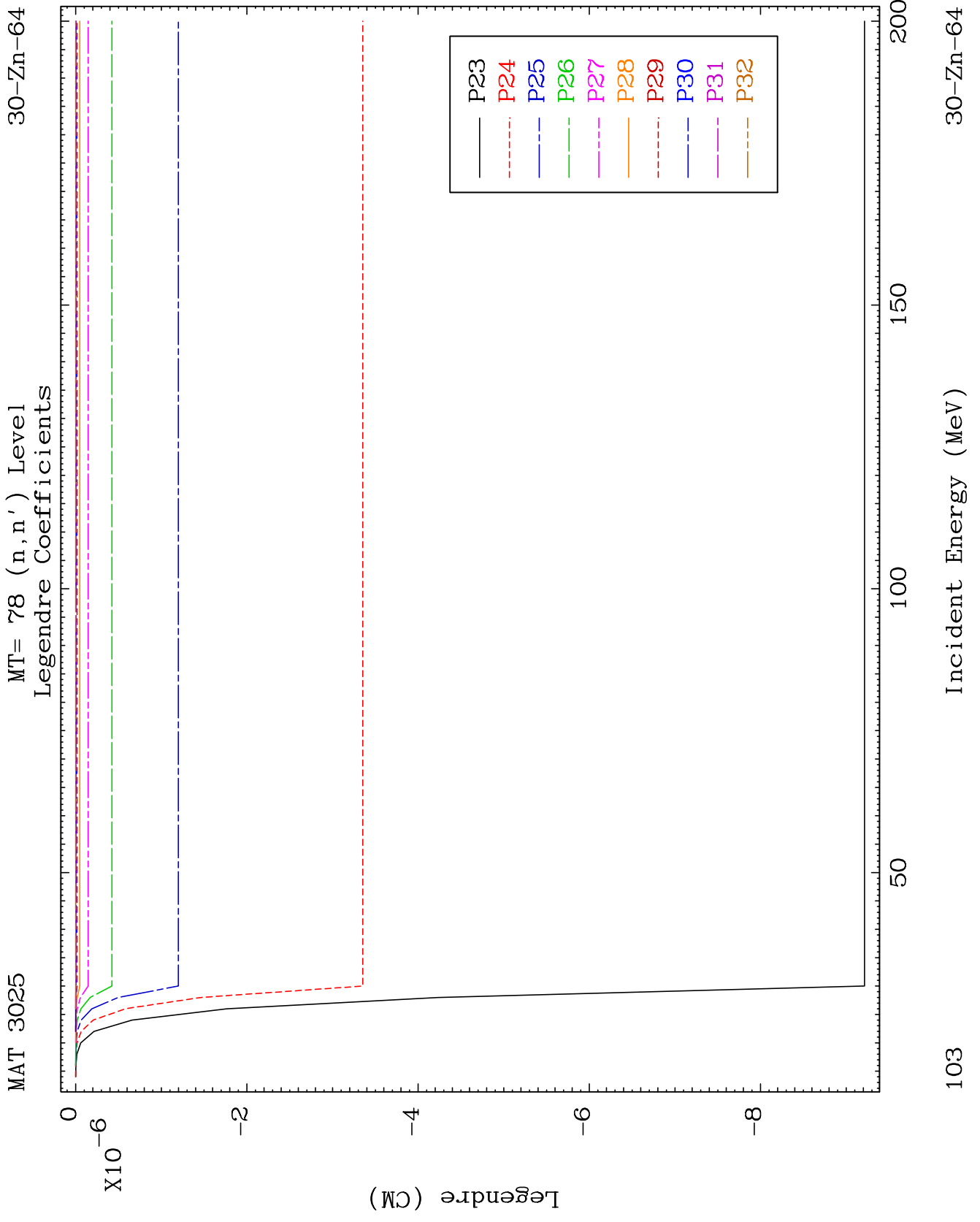
30-Zn-64

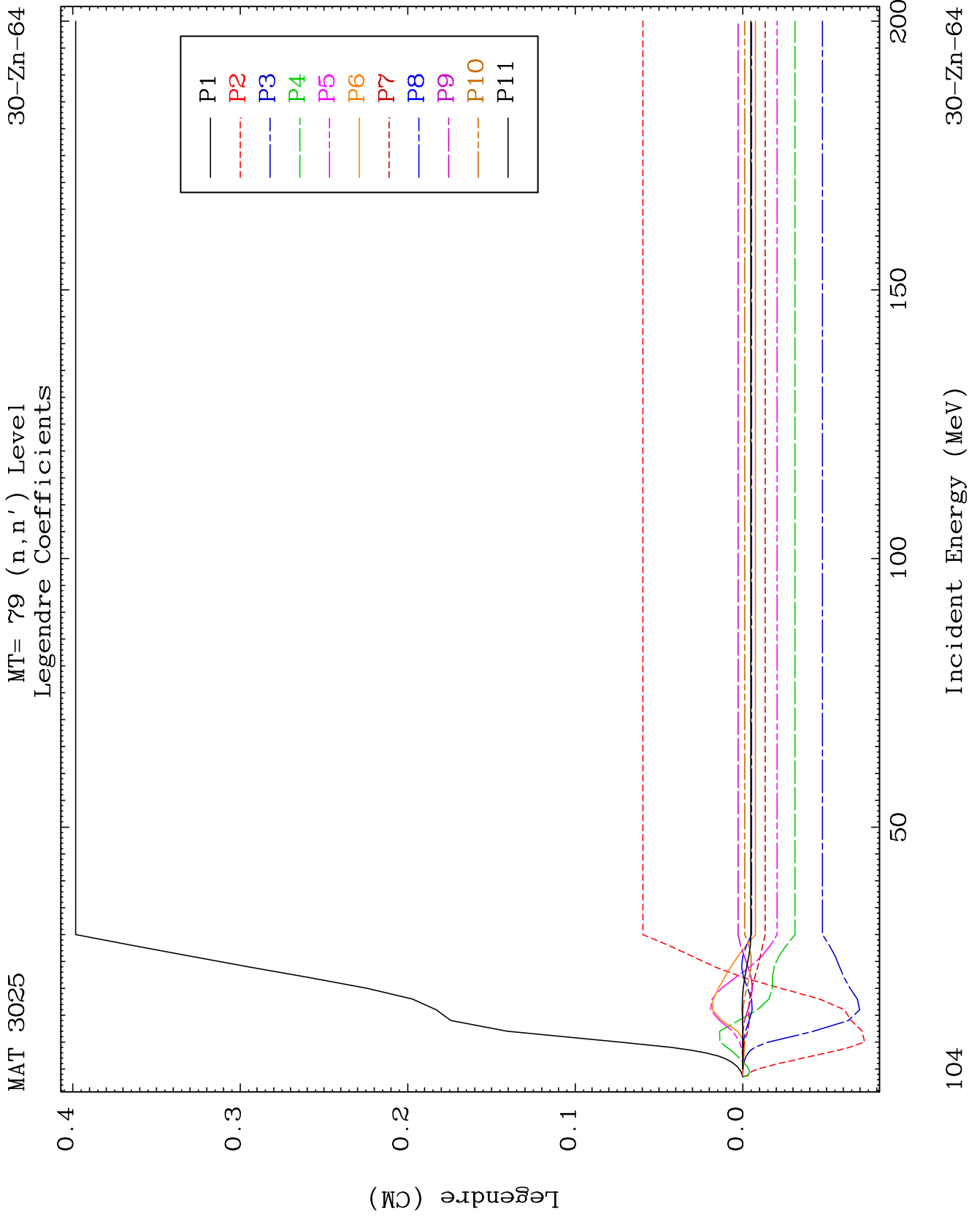


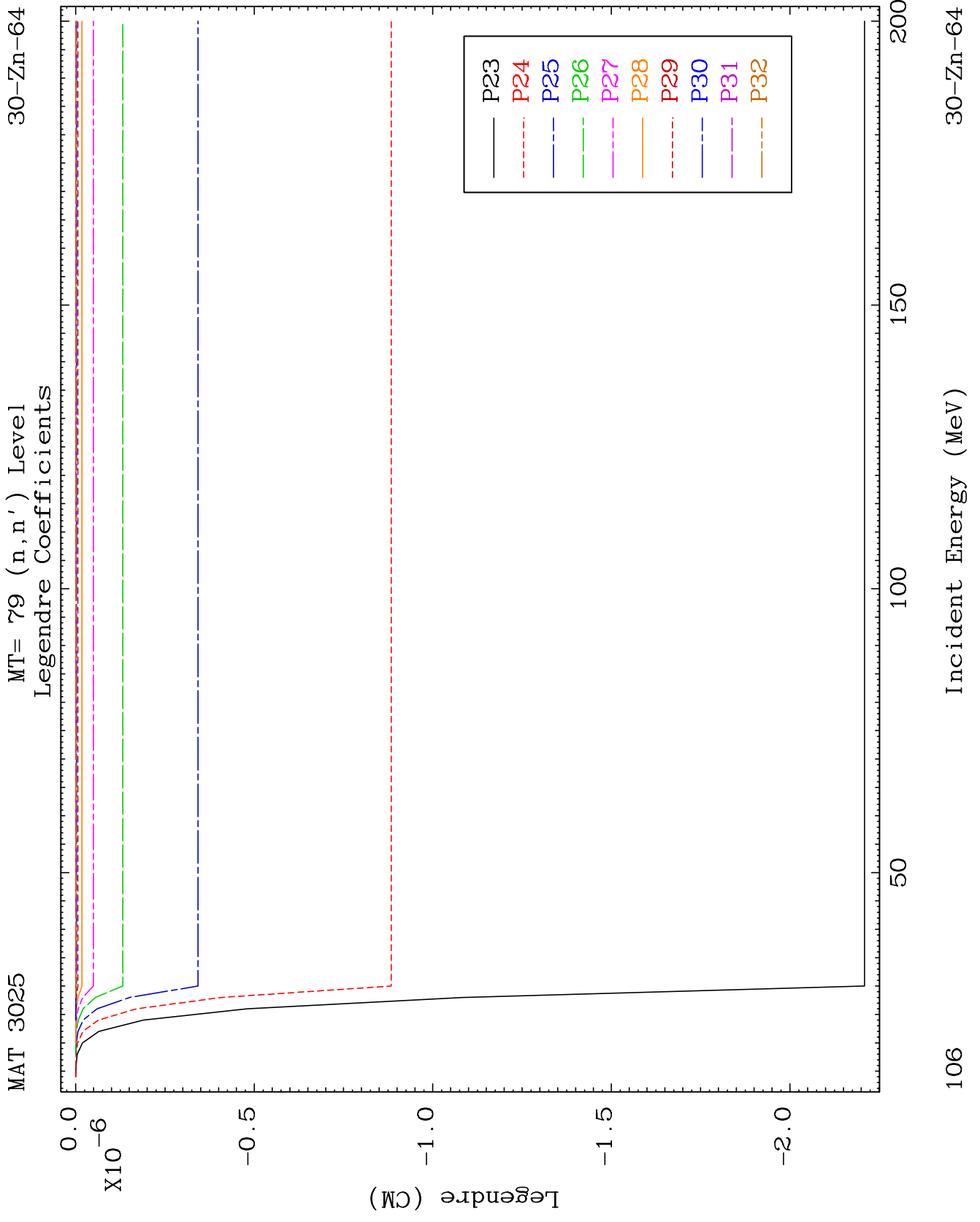
102

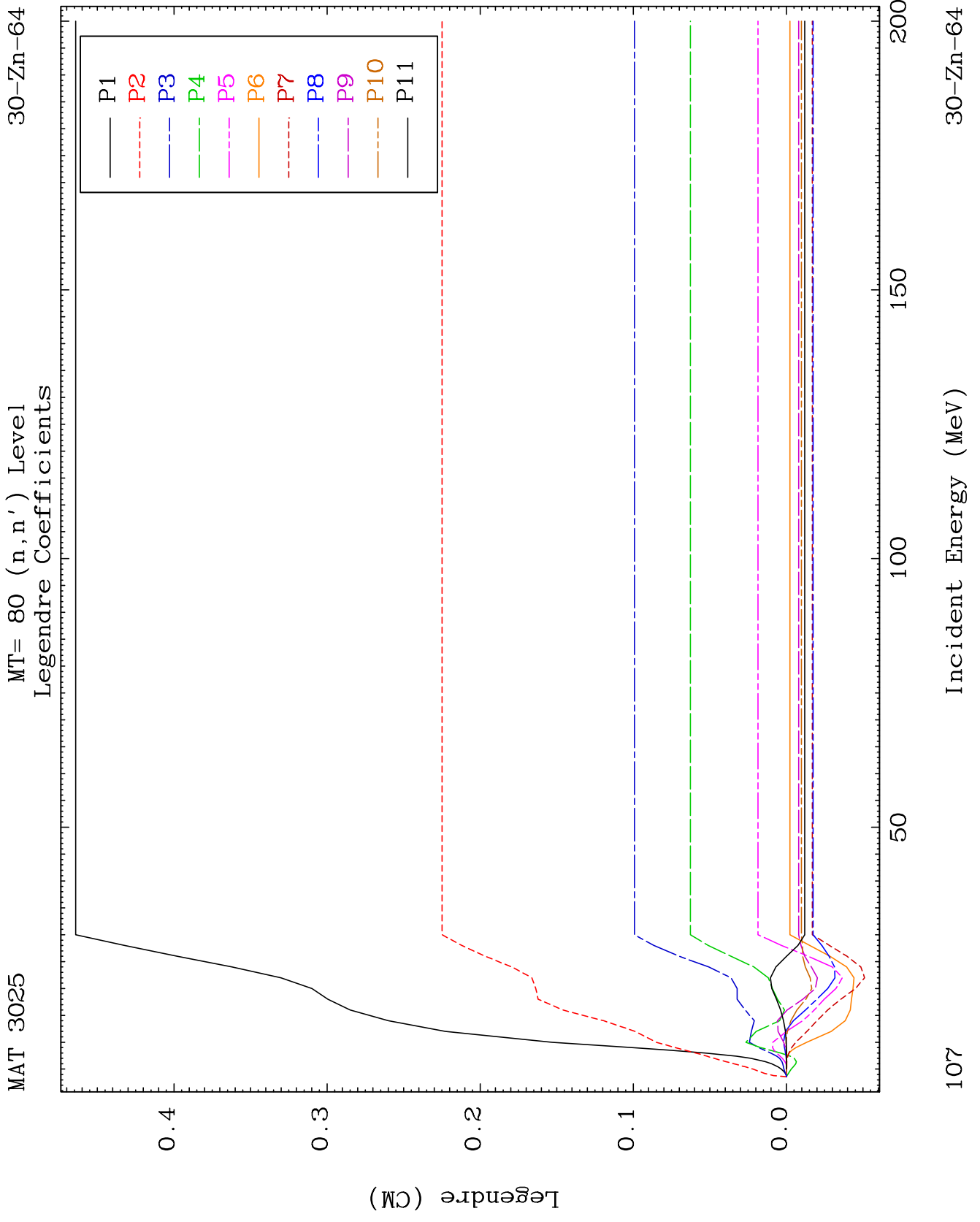
Incident Energy (MeV)

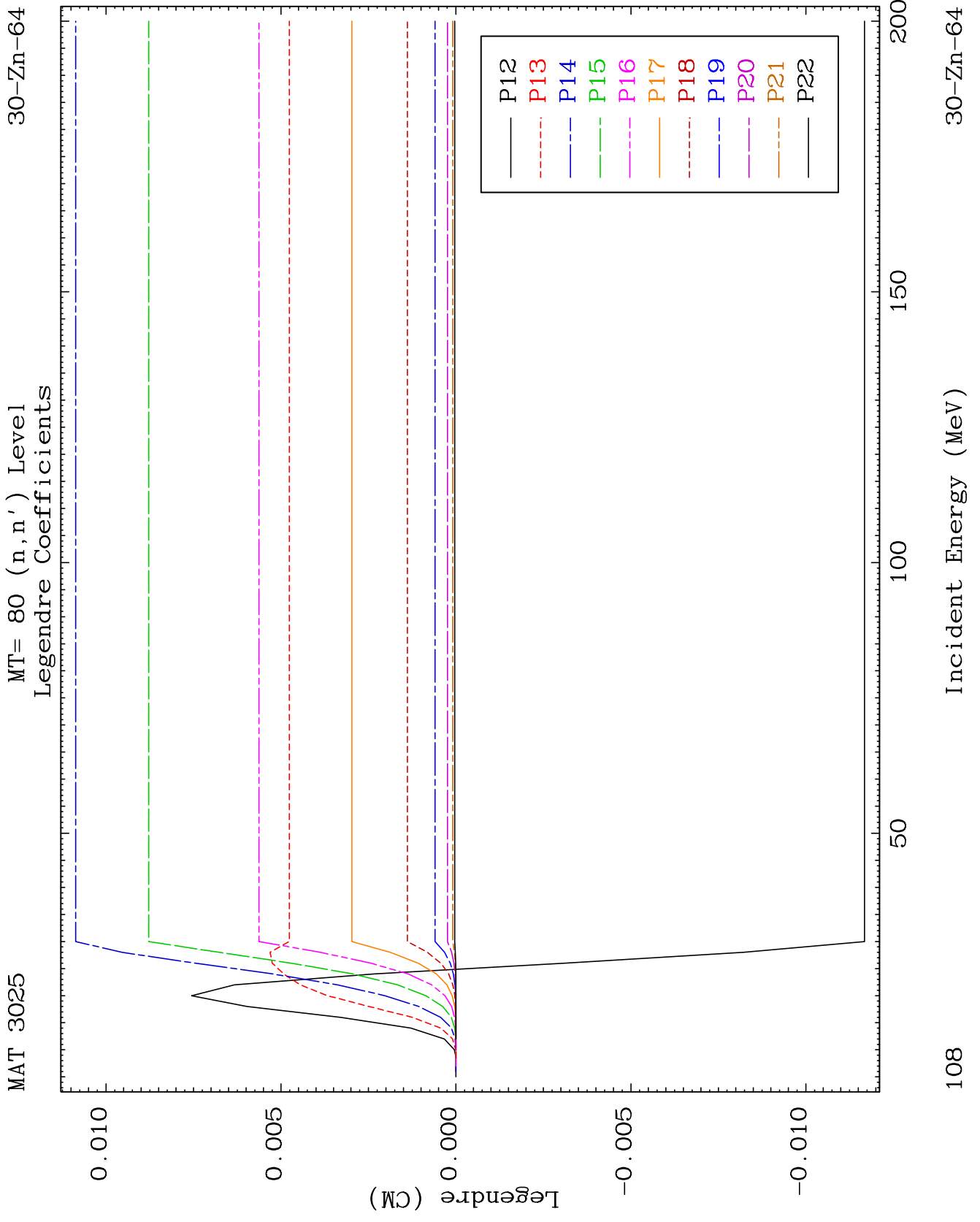
30-Zn-64

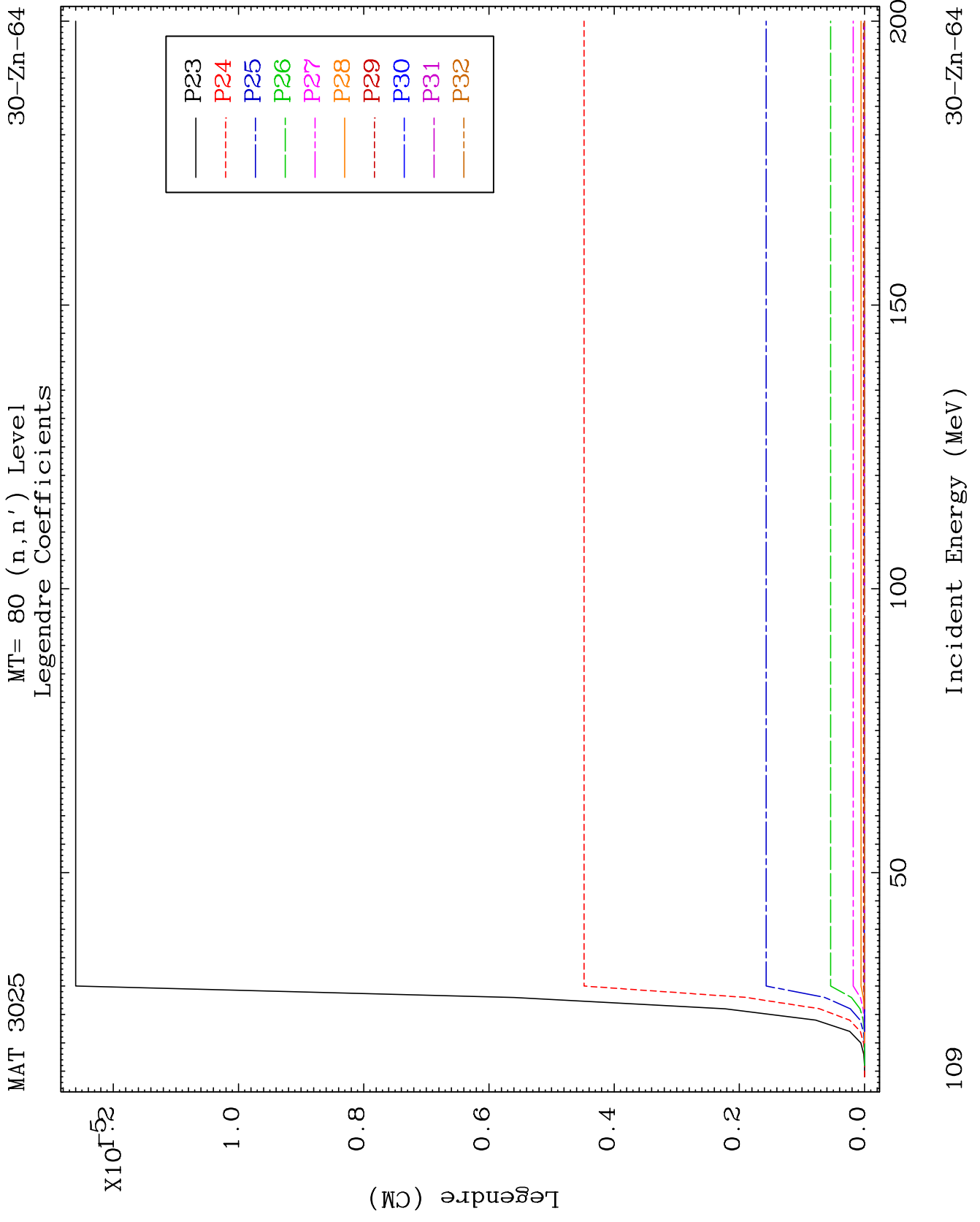










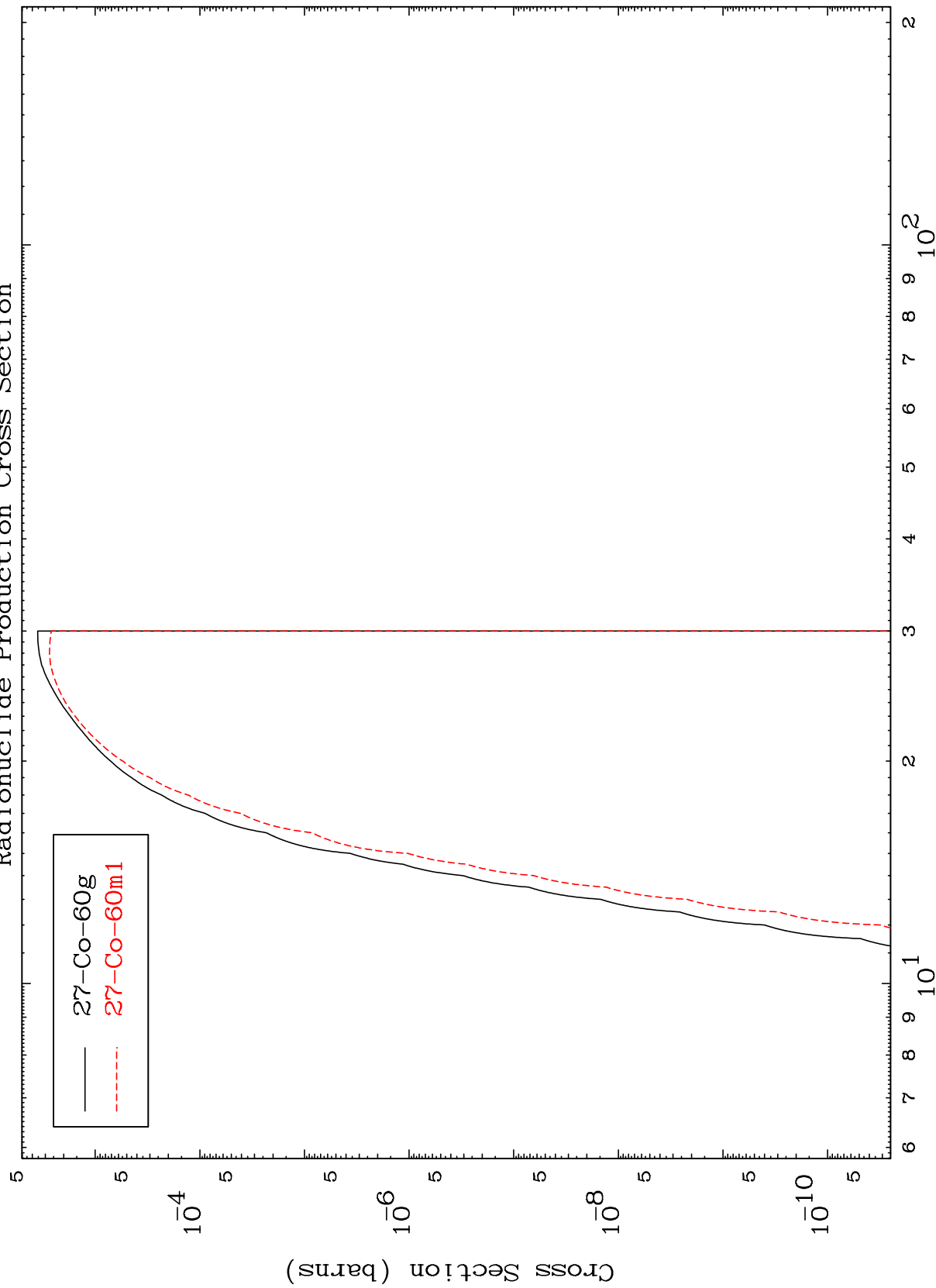


MAT 3025

(n,p) α

30-Zn-64

Radionuclide Production Cross Section



— 27-Co-60g
- - - 27-Co-60m1

Incident Energy (MeV)

30-Zn-64

110