

Program EVALPLOT
(Version 2021-1)

by

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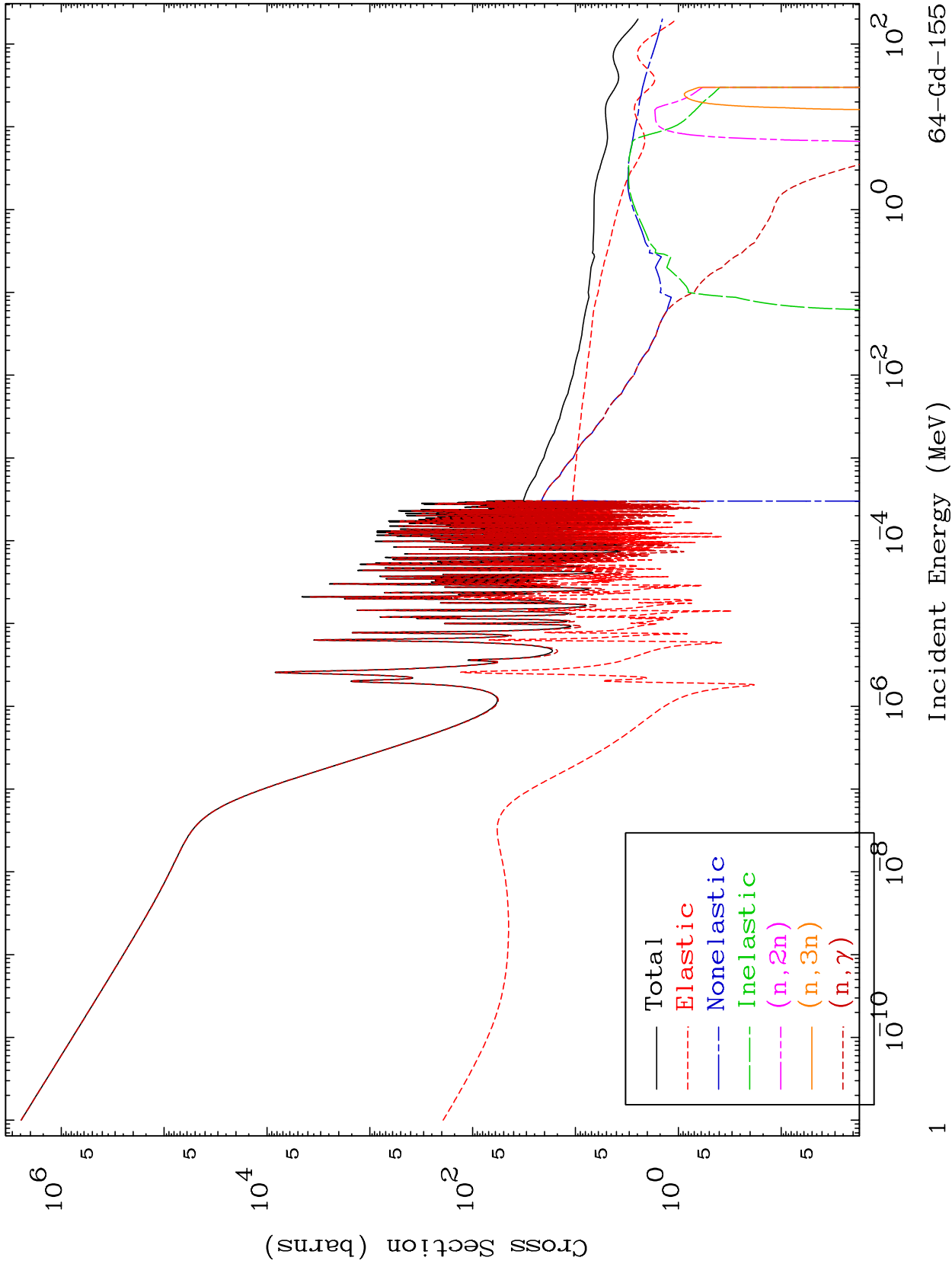
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Press Mouse Button to Start

MAT 6434

Neutron Major
293 Kelvin Cross Sections

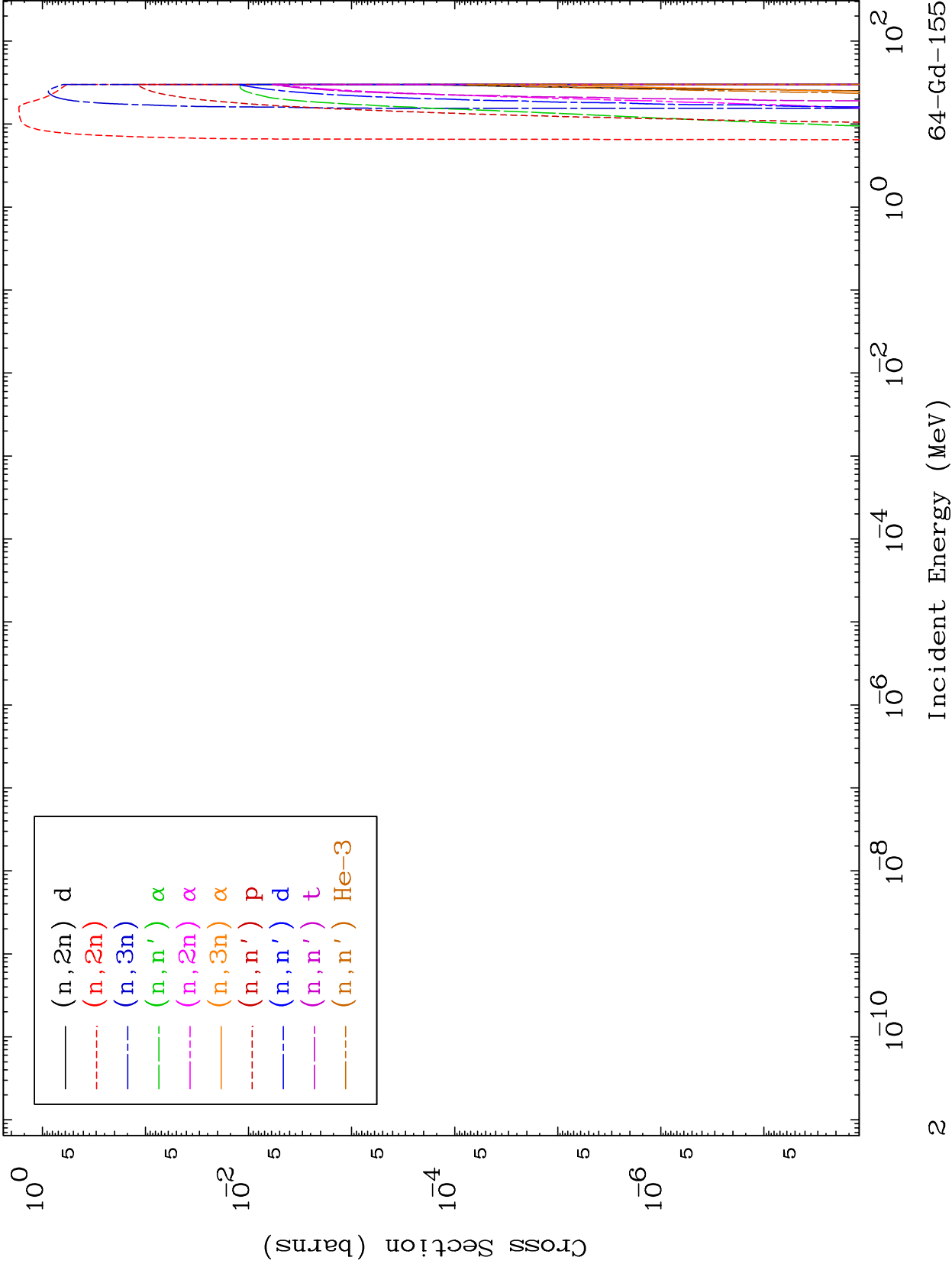
64-Gd-155



MAT 6434

Neutron Absorption
293 Kelvin Cross Sections

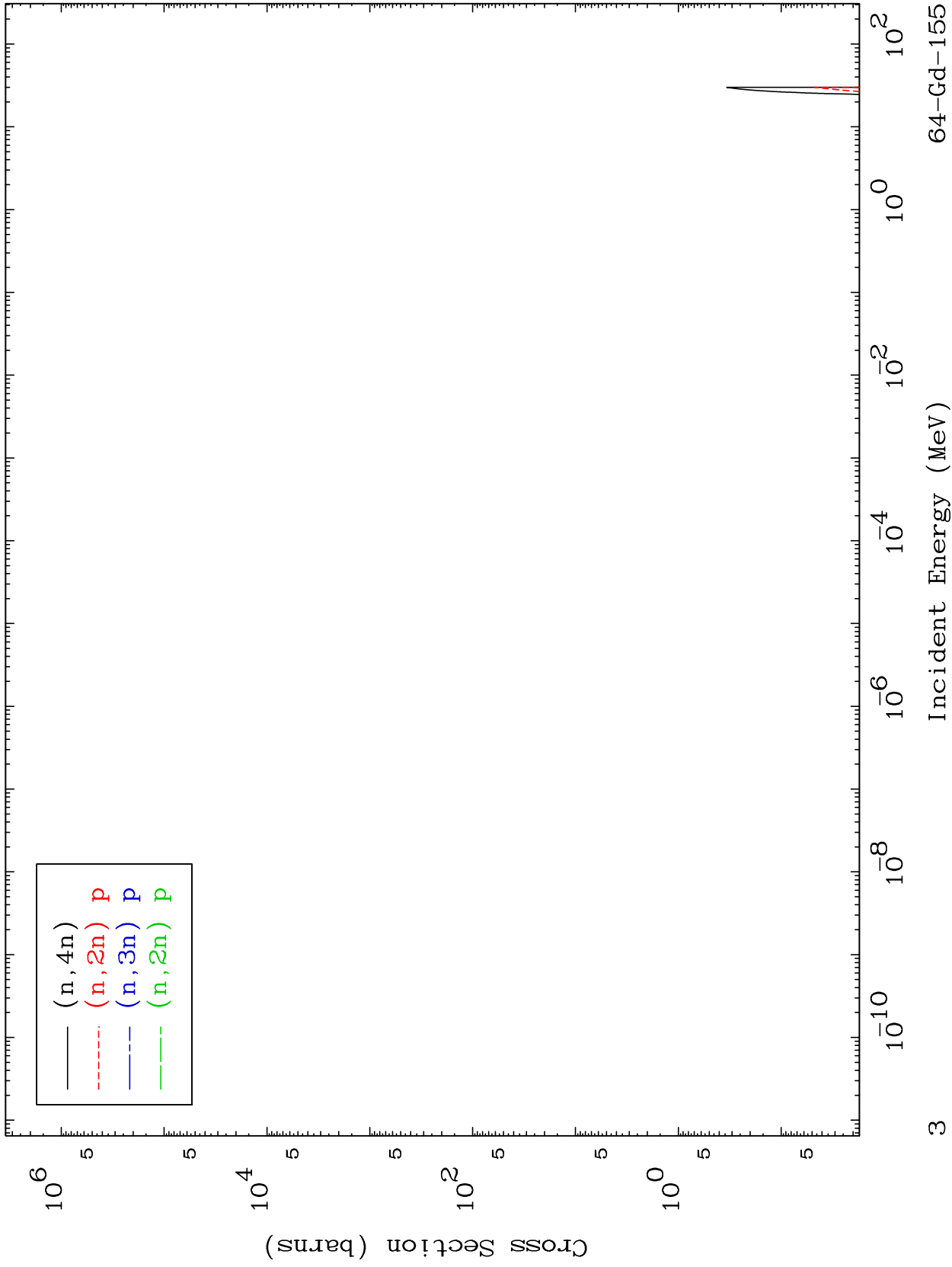
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MAT 6434

Neutron Absorption
293 Kelvin Cross Sections

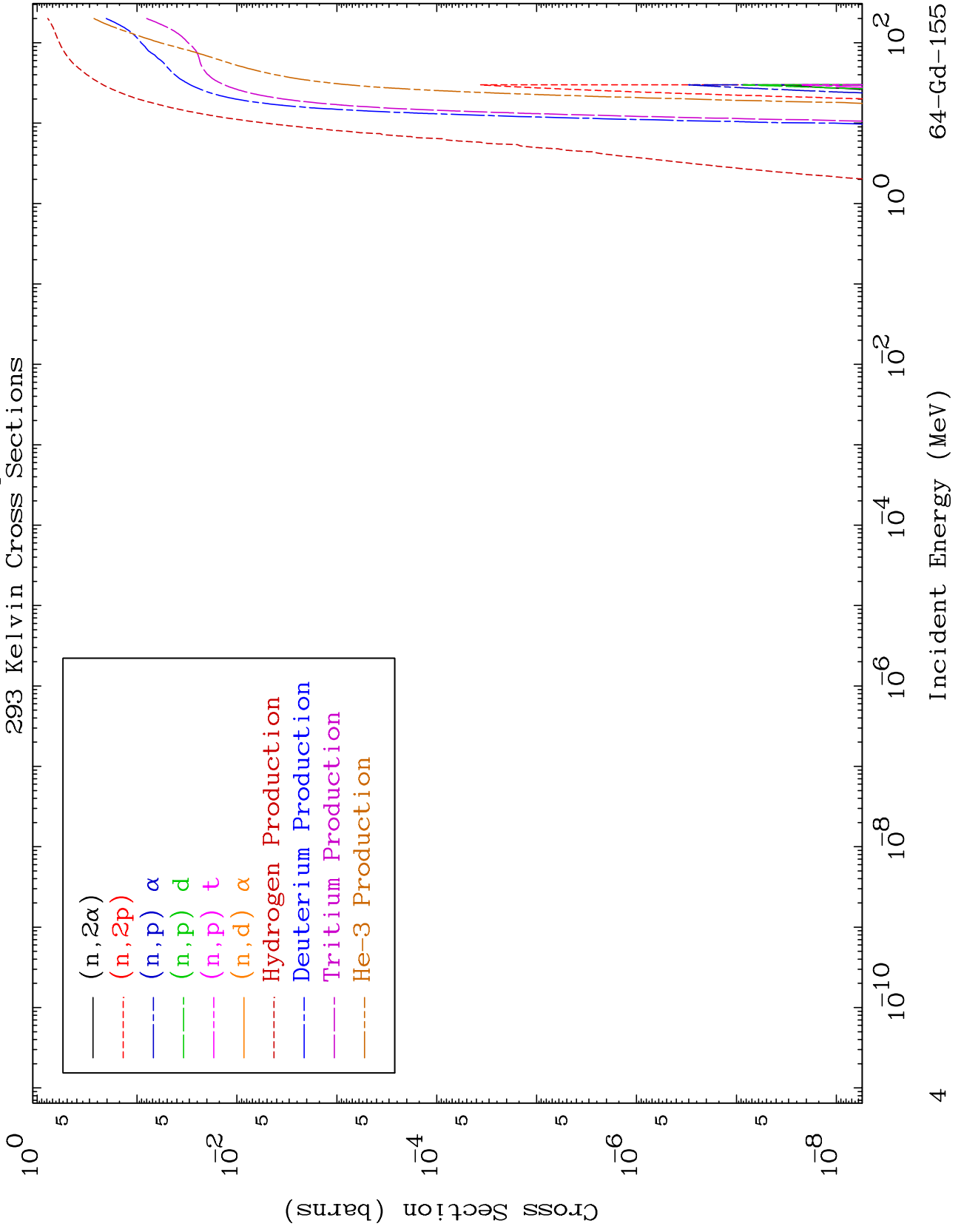
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MAT 6434

Neutron Absorption
293 Kelvin Cross Sections

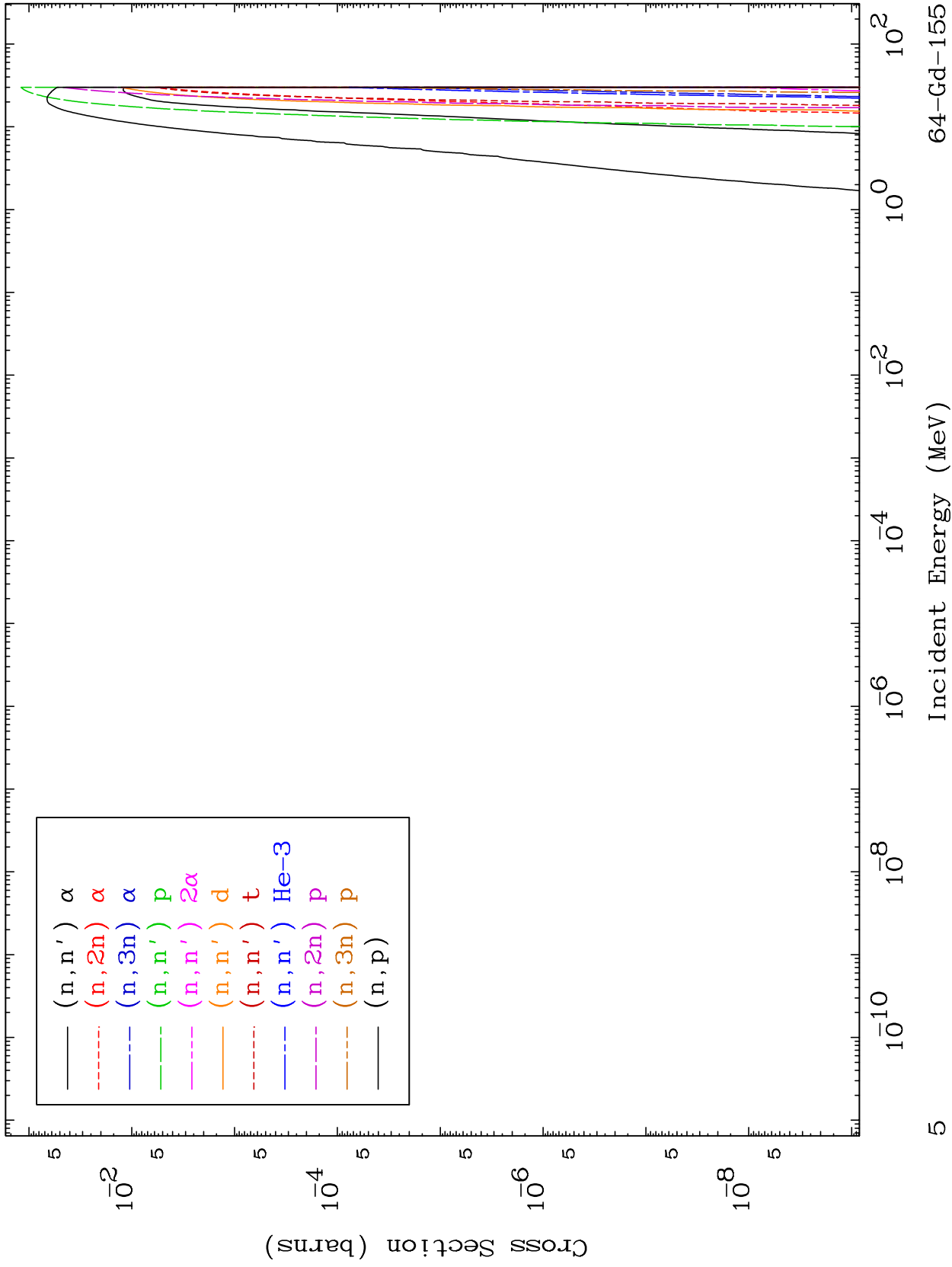
64-Gd-155



MAT 6434

Charged Particle
293 Kelvin Cross Sections

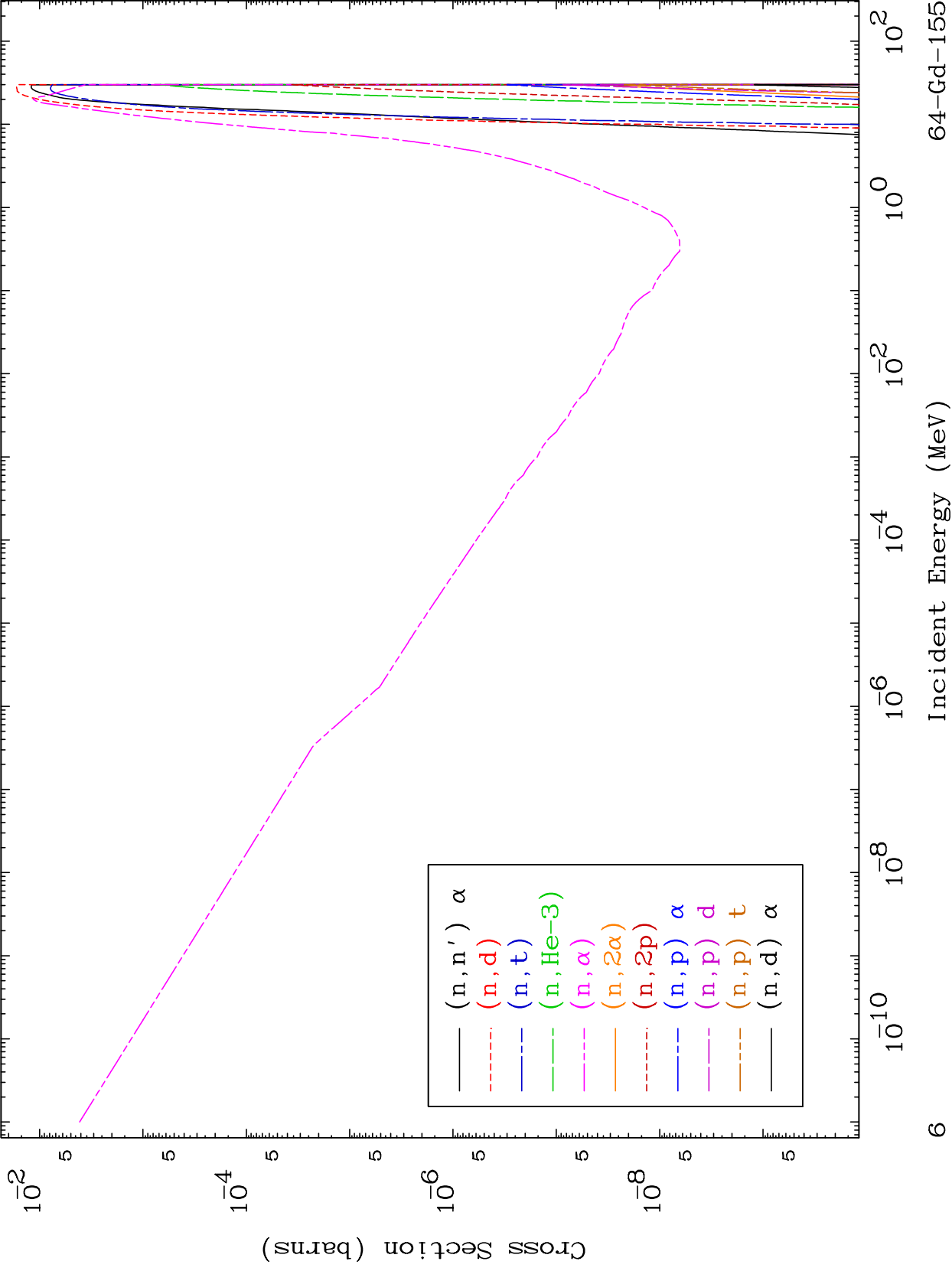
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MAT 6434

Charged Particle
293 Kelvin Cross Sections

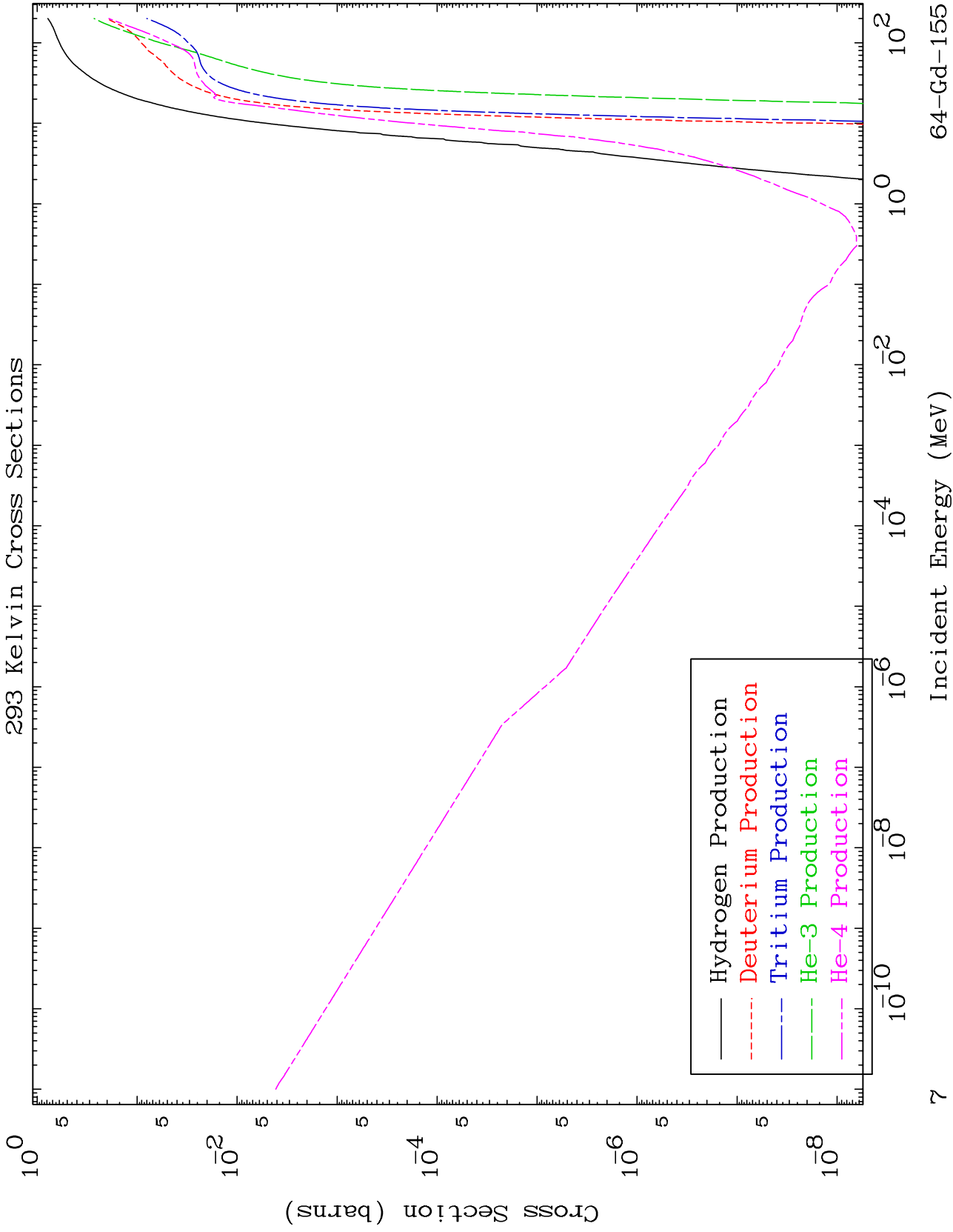
64-Gd-155



MAT 6434

Particle Production
293 Kelvin Cross Sections

64-Gd-155

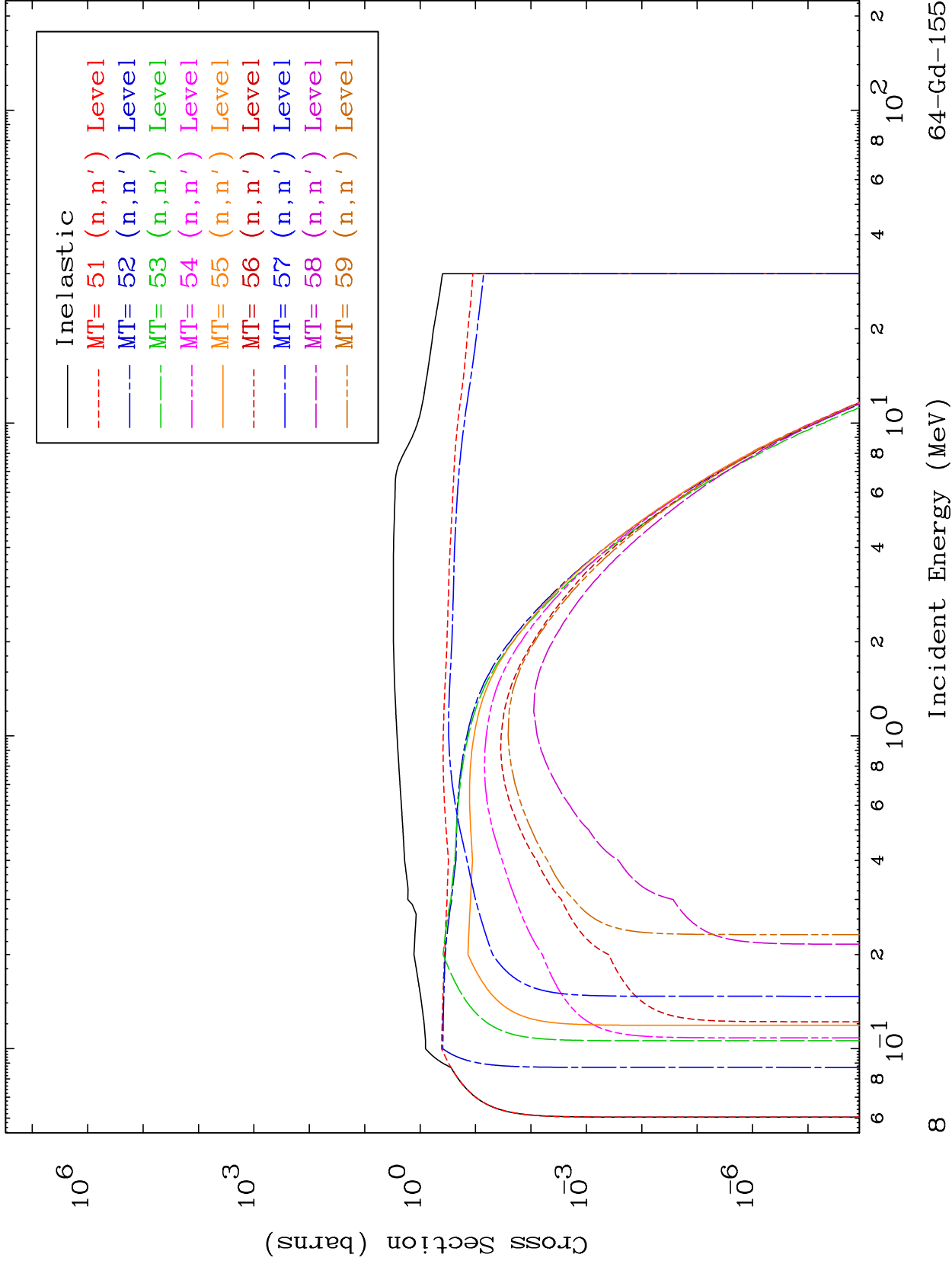


MAT 6434

(n,n') Levels

64-Gd-155

293 Kelvin Cross Sections



8

Incident Energy (MeV)

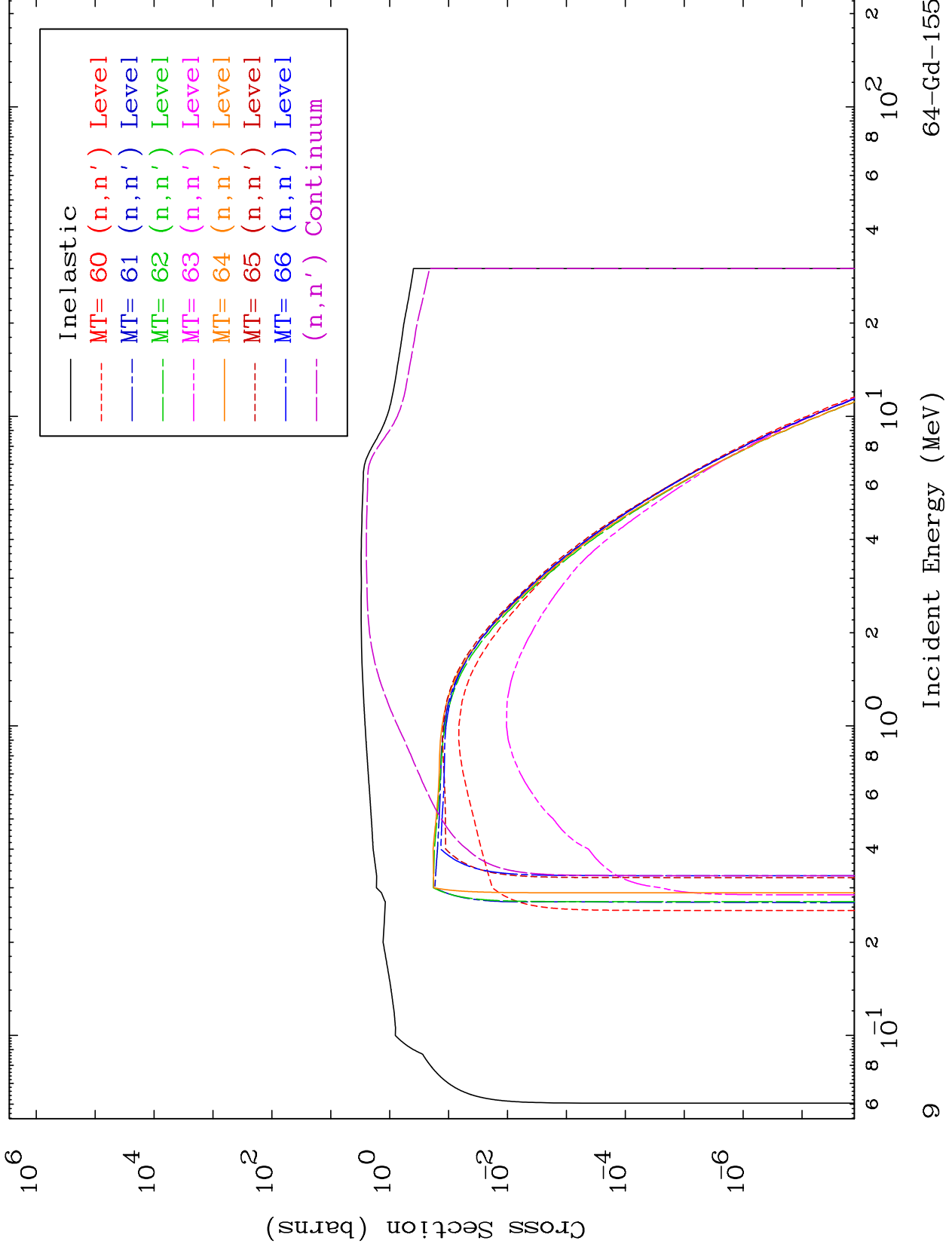
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MAT 6434

(n,n') Levels

64-Gd-155

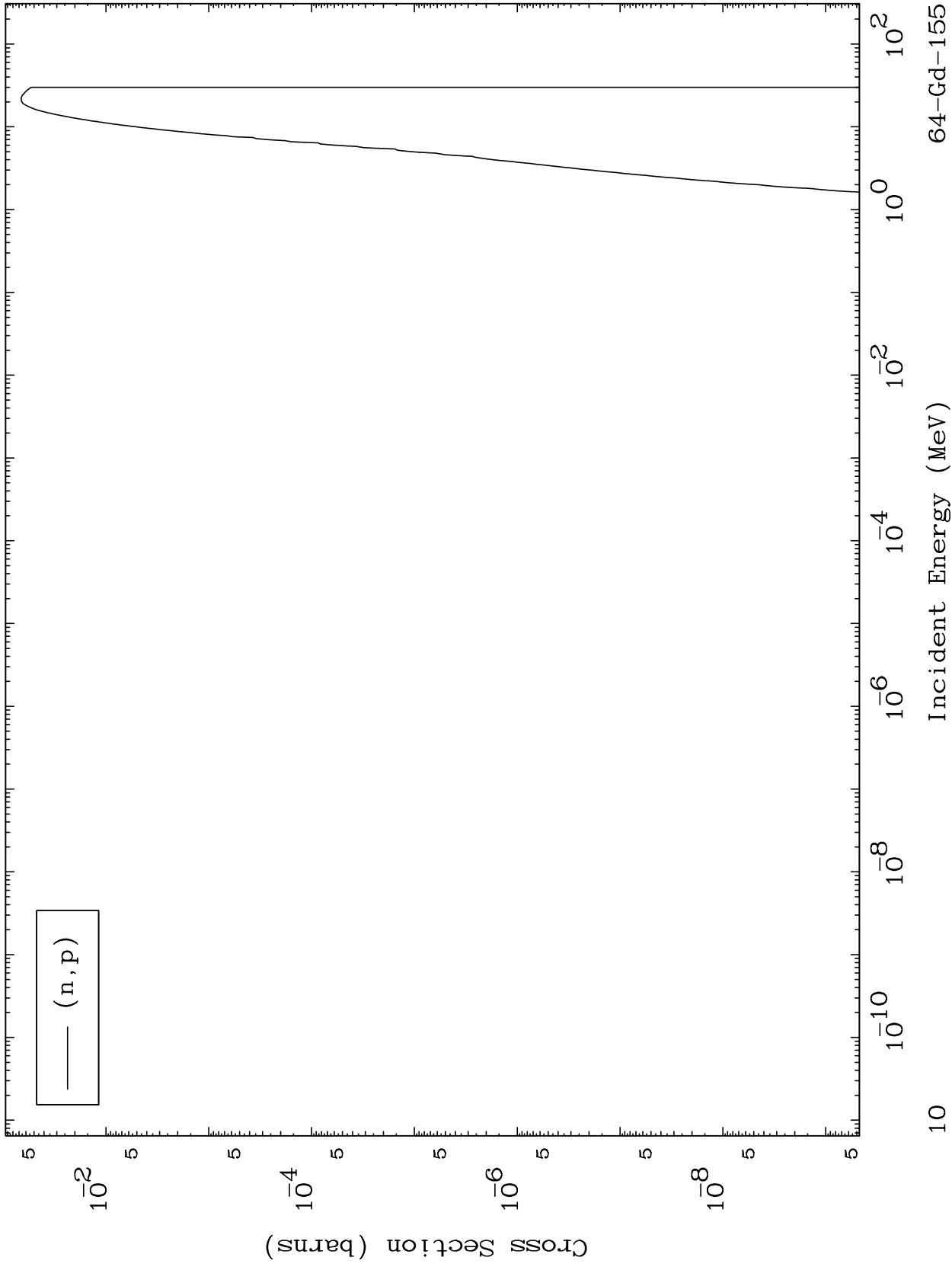
293 Kelvin Cross Sections



MAT 6434

(n,p) Levels
293 Kelvin Cross Sections

64-Gd-155



10

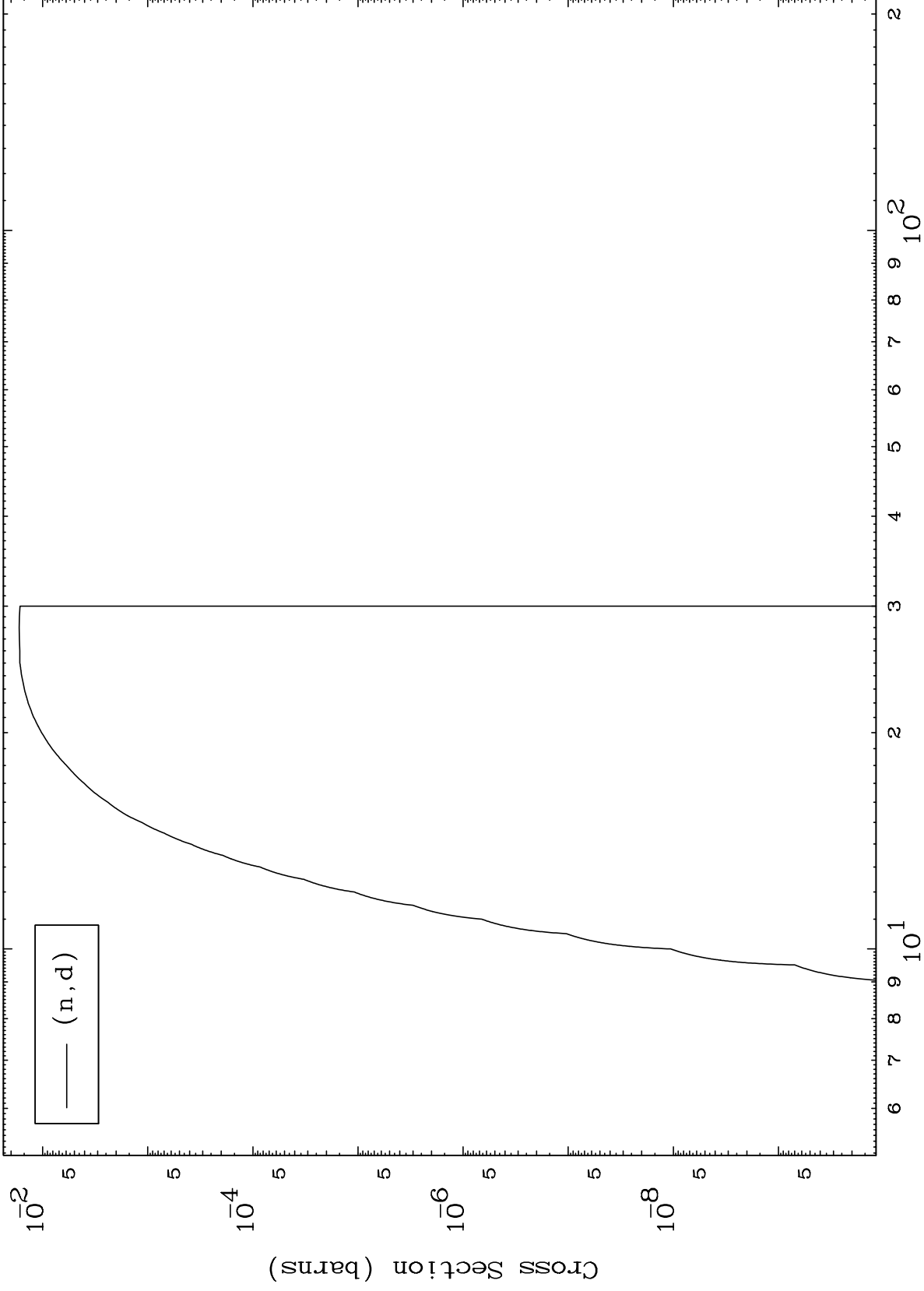
Incident Energy (MeV)

64-Gd-155

MAT 6434

(n,d) Levels
293 Kelvin Cross Sections

64-Gd-155



11

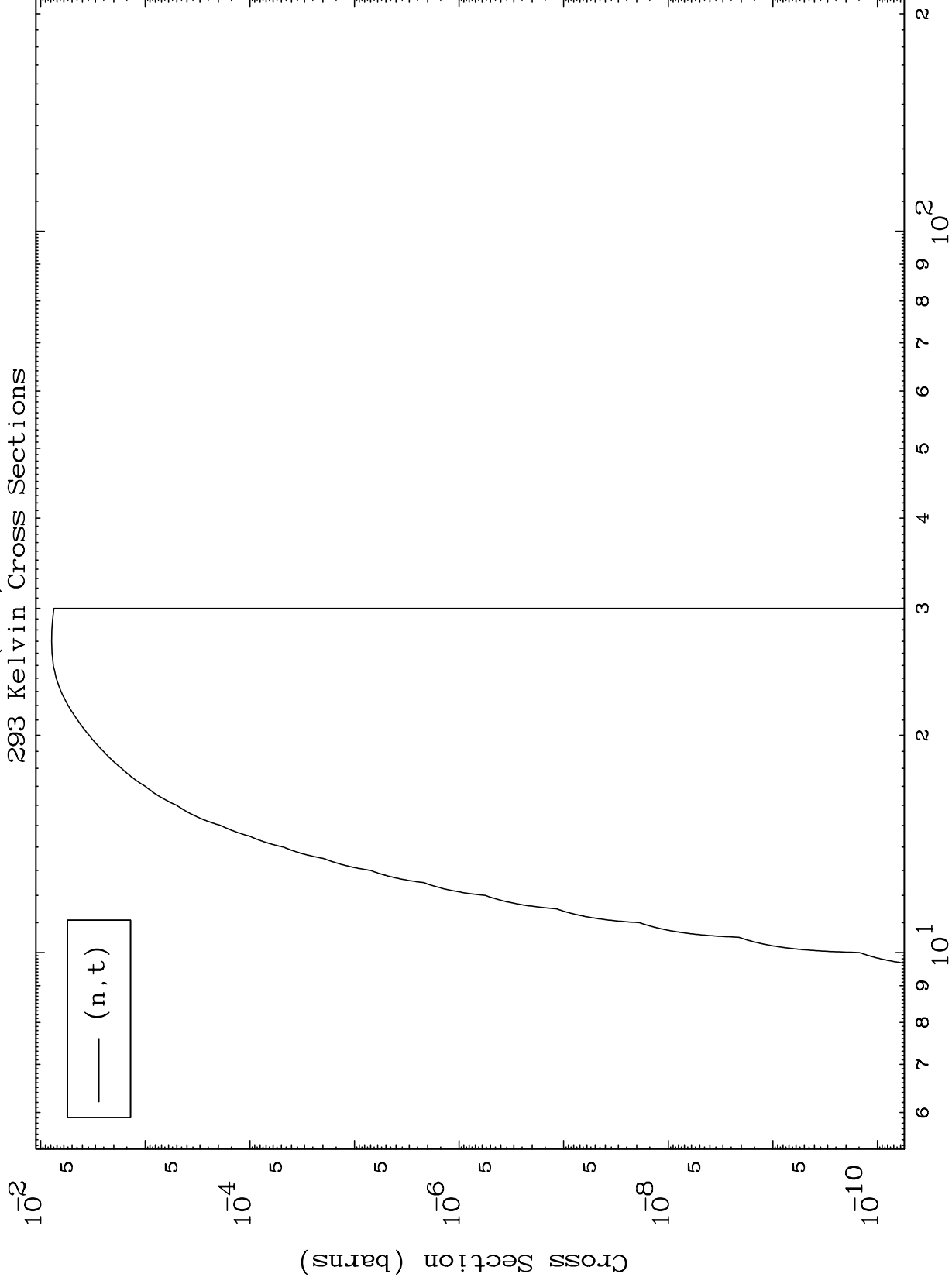
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64-Gd-155

MAT 6434

(n,t) Levels
293 Kelvin Cross Sections

64-Gd-155



12

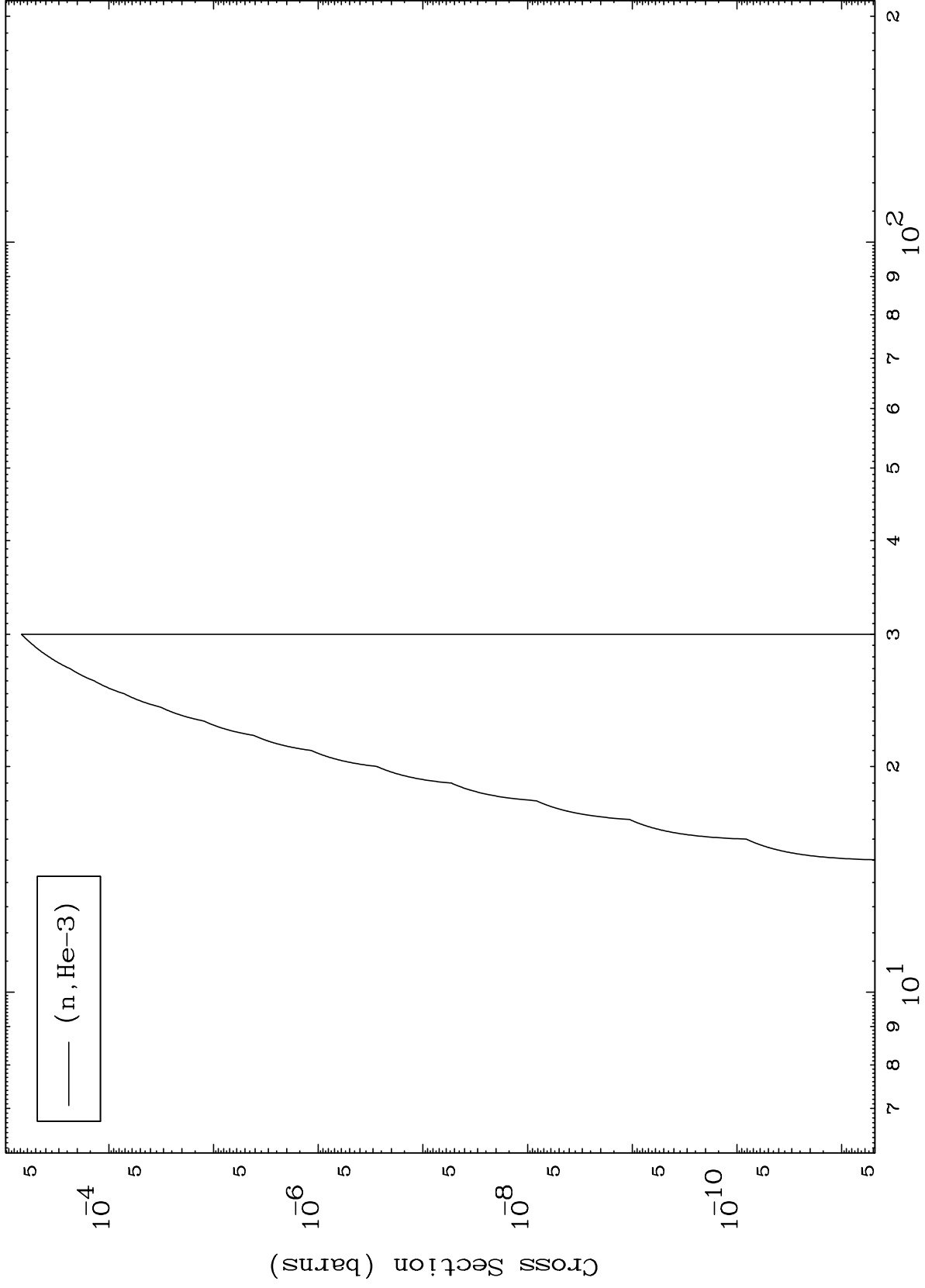
Incident Energy (MeV)

64-Gd-155

MAT 6434

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-155



13

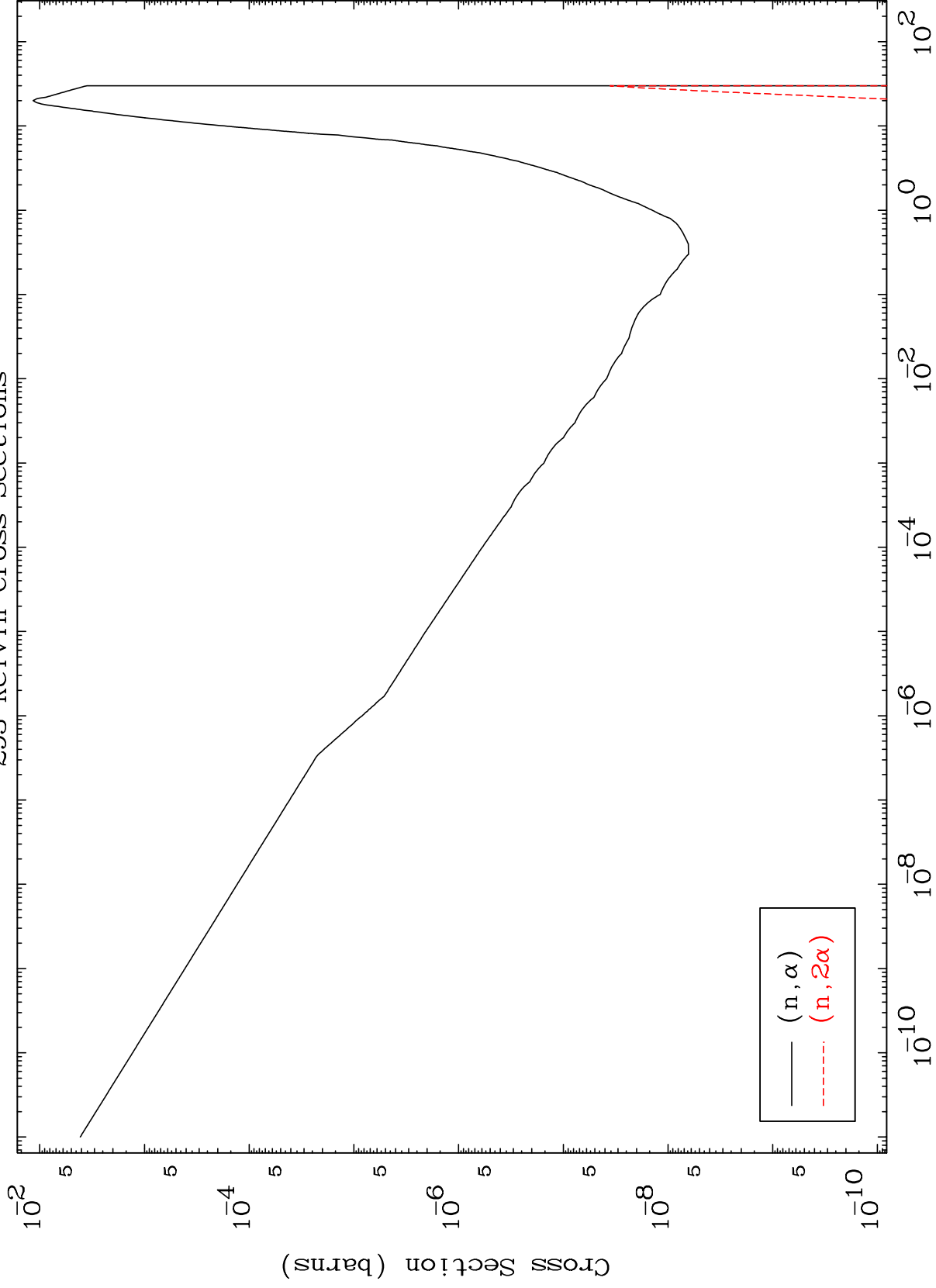
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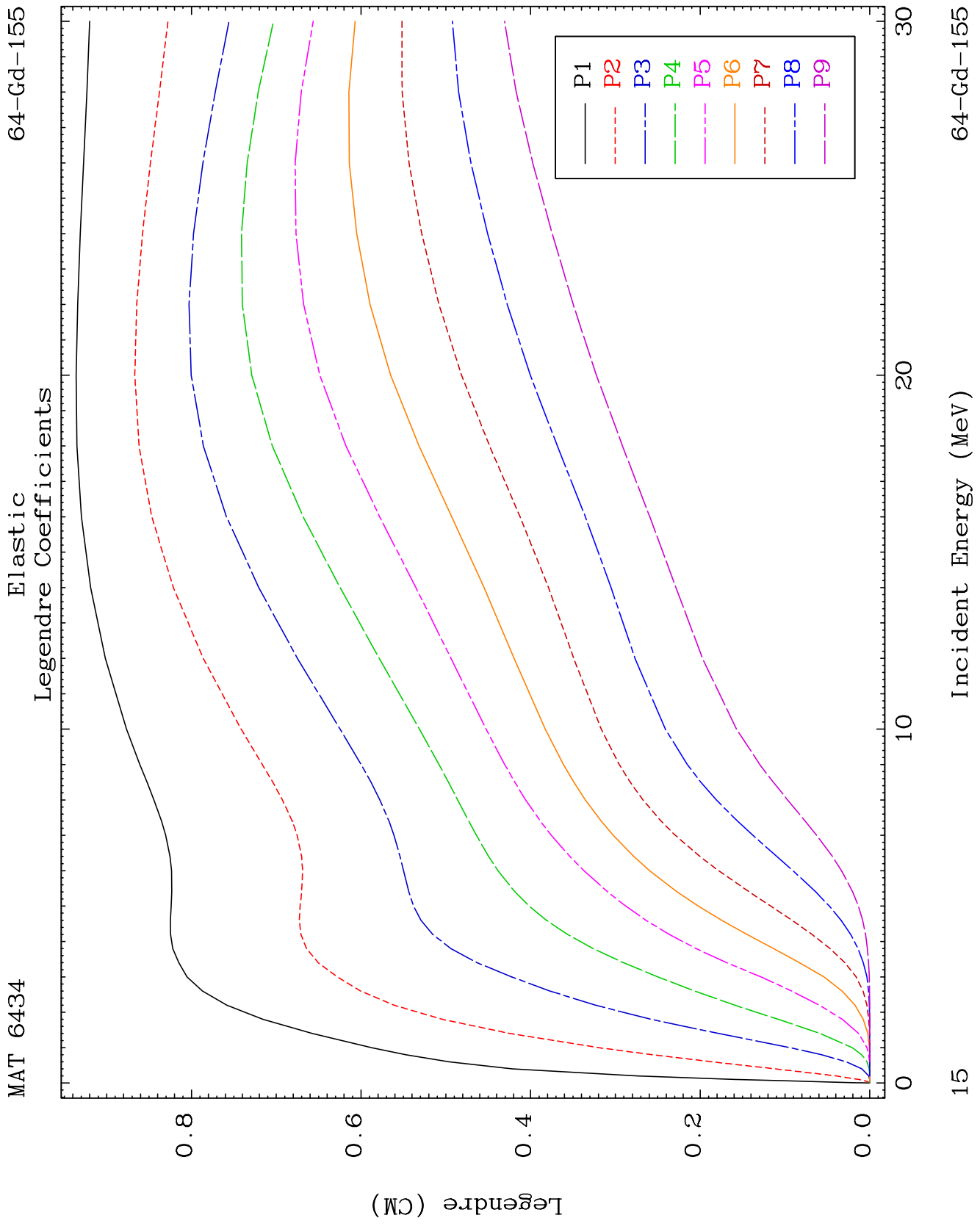
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MAT 6434

(n, α) Levels
293 Kelvin Cross Sections

64-Gd-155

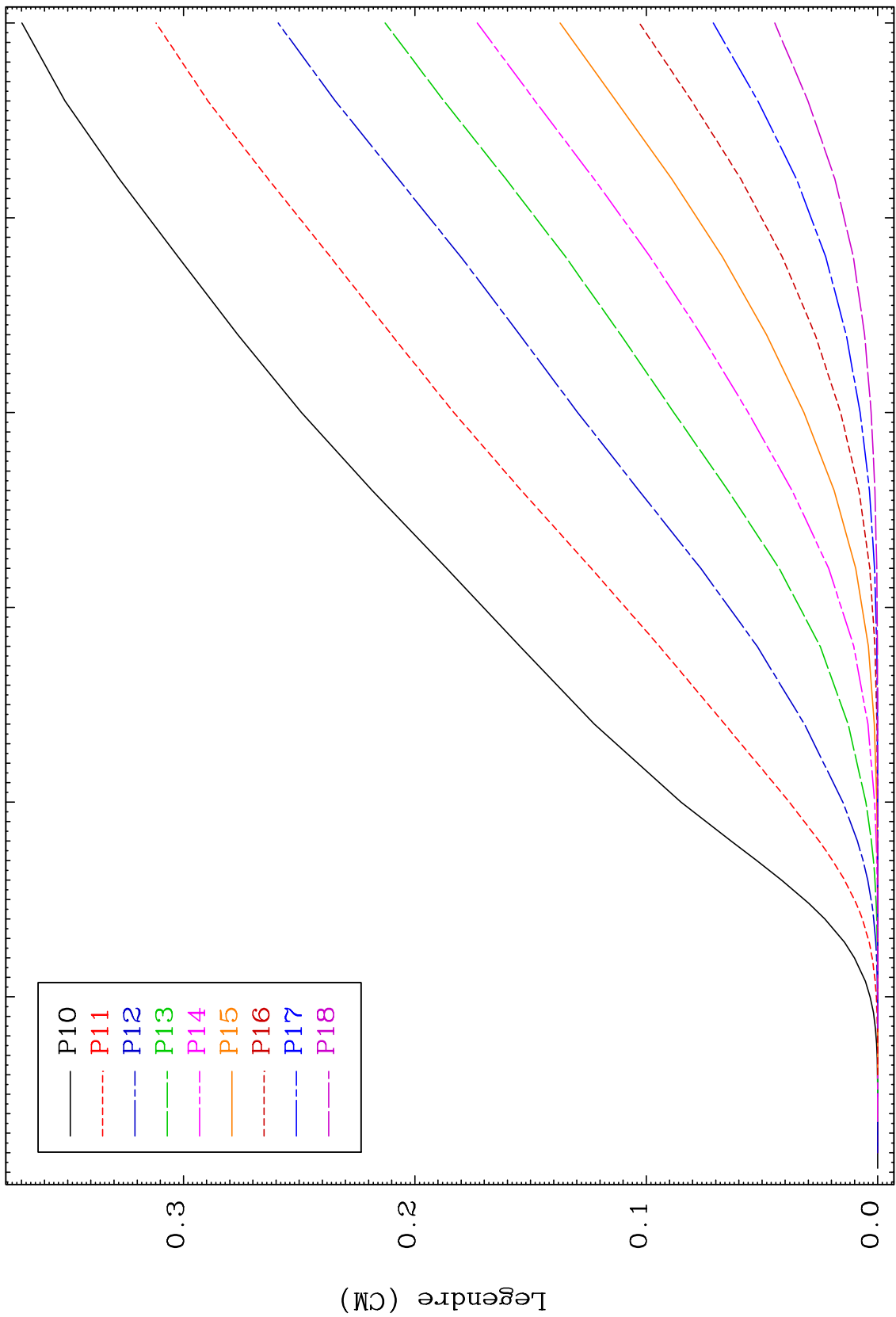




MAT 6434

Elastic Legendre Coefficients

64-Gd-155



16

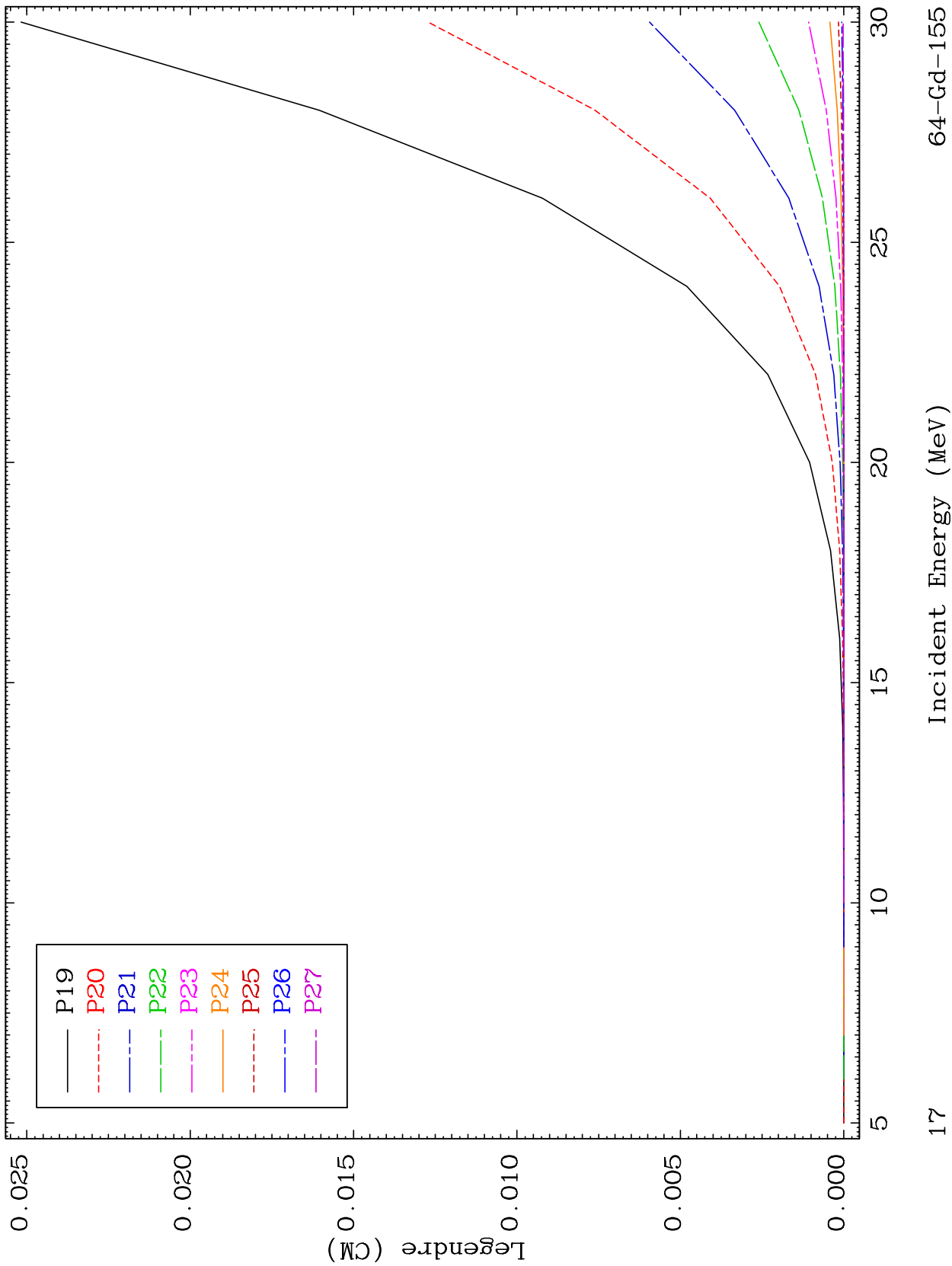
Incident Energy (MeV)

64-Gd-155

MAT 6434

Elastic Legendre Coefficients

64-Gd-155

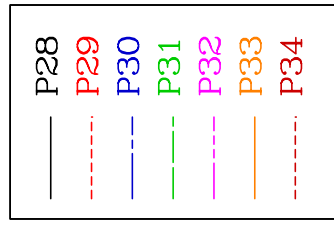


- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

MAT 6434

Elastic
Legendre Coefficients

64-Gd-155



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

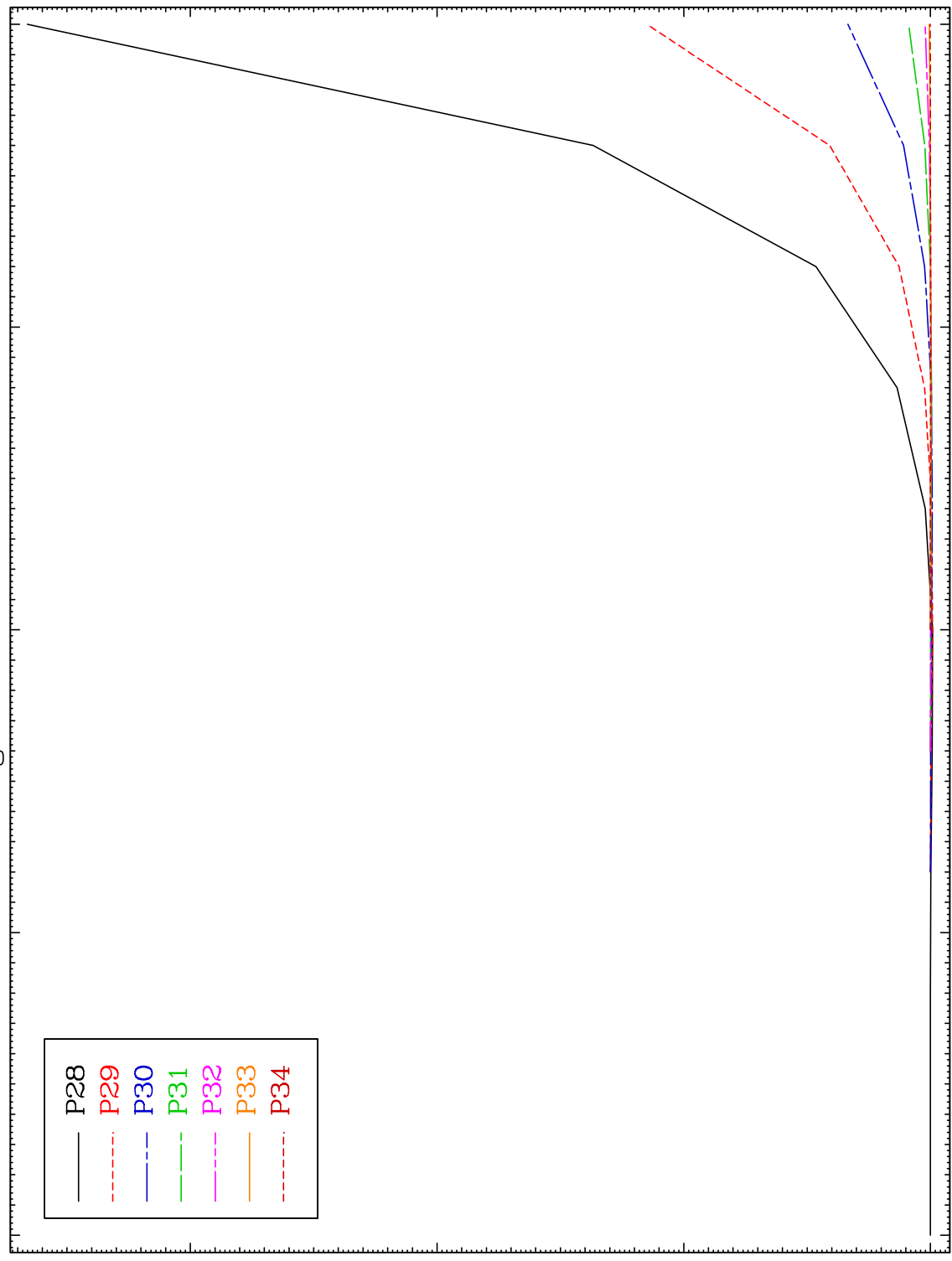
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30

18

Incident Energy (MeV)

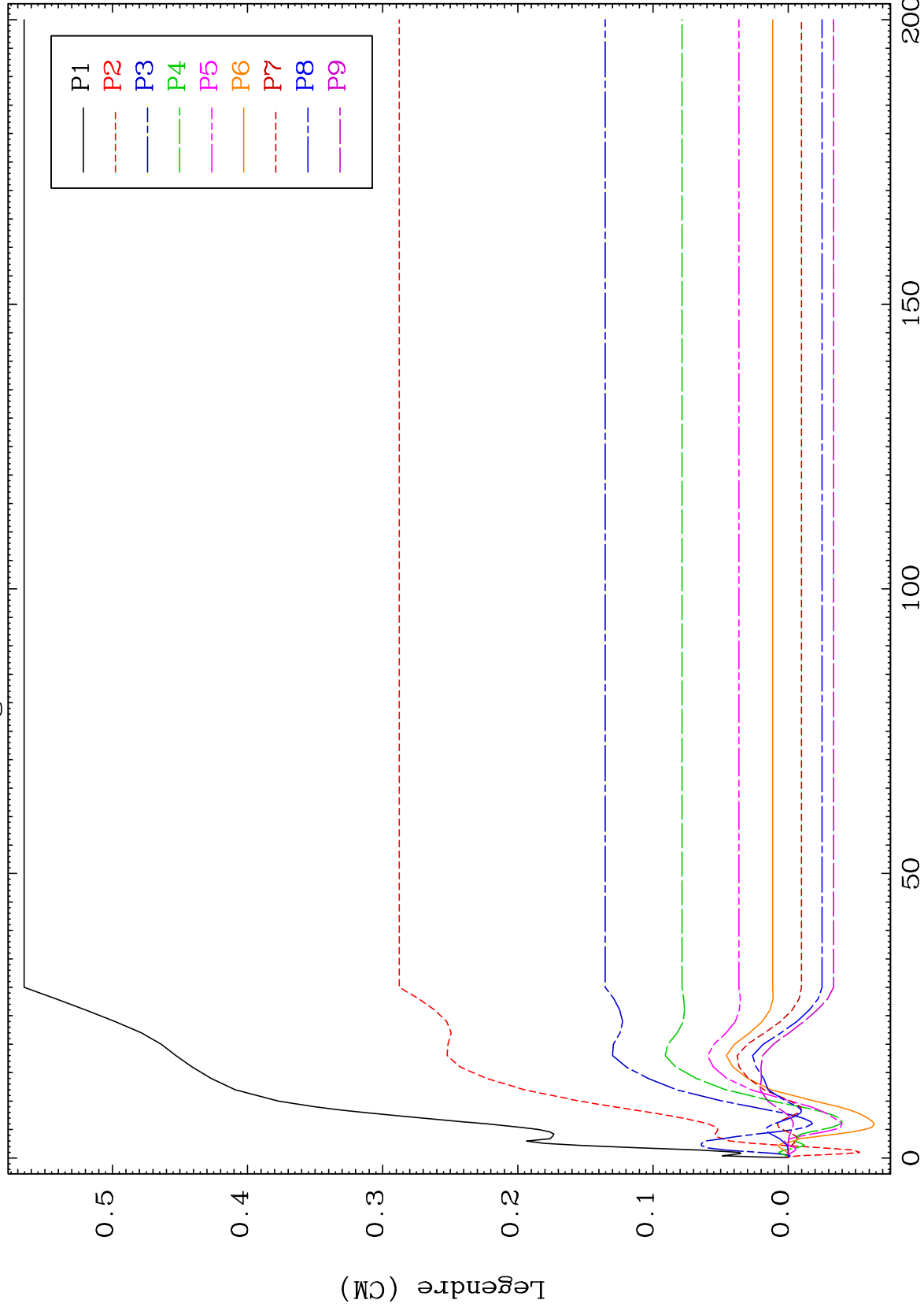
64-Gd-155



MAT 6434

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

64-Gd-155



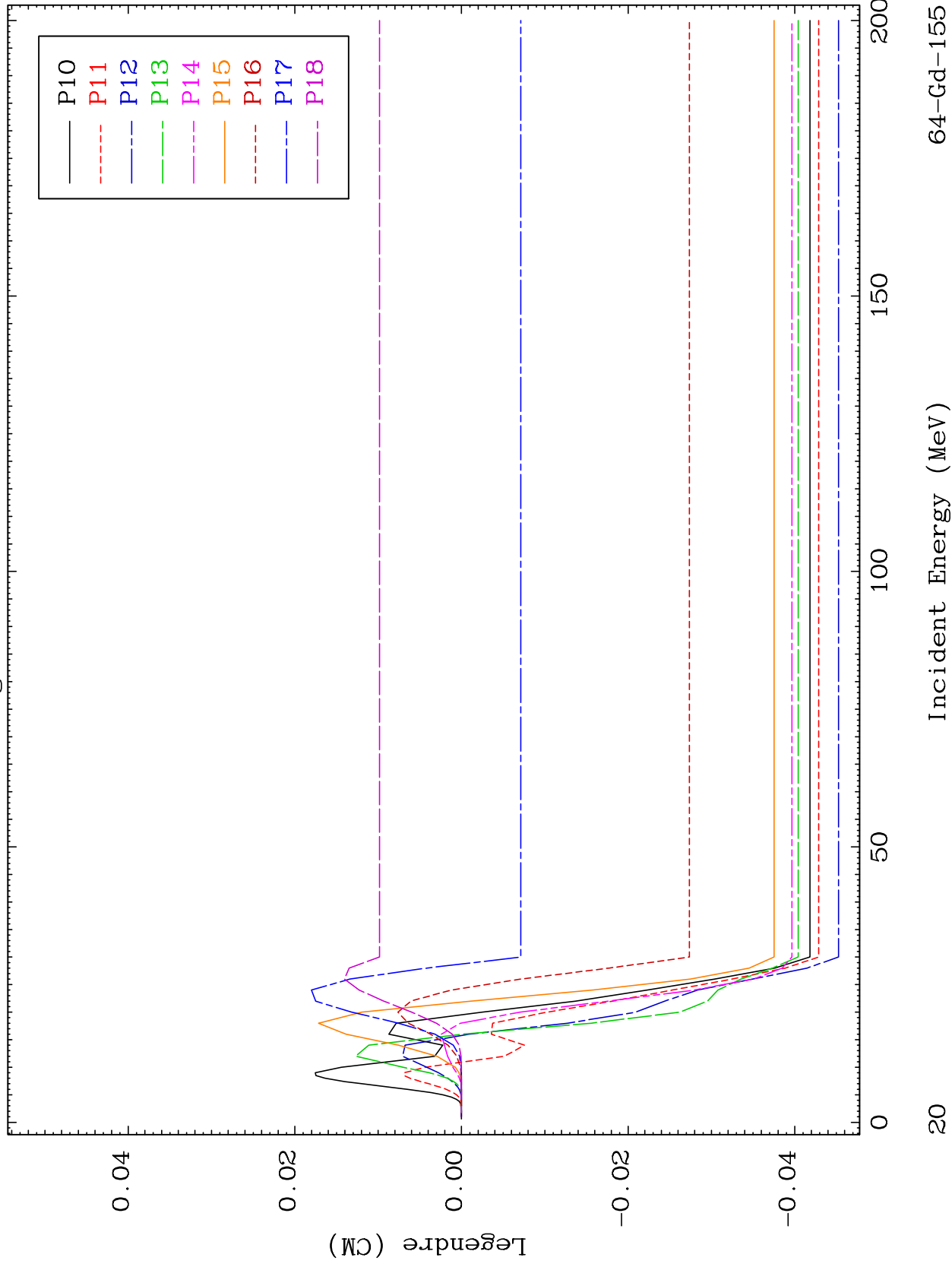
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64-Gd-155

MAT 6434

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

64-Gd-155



64-Gd-155

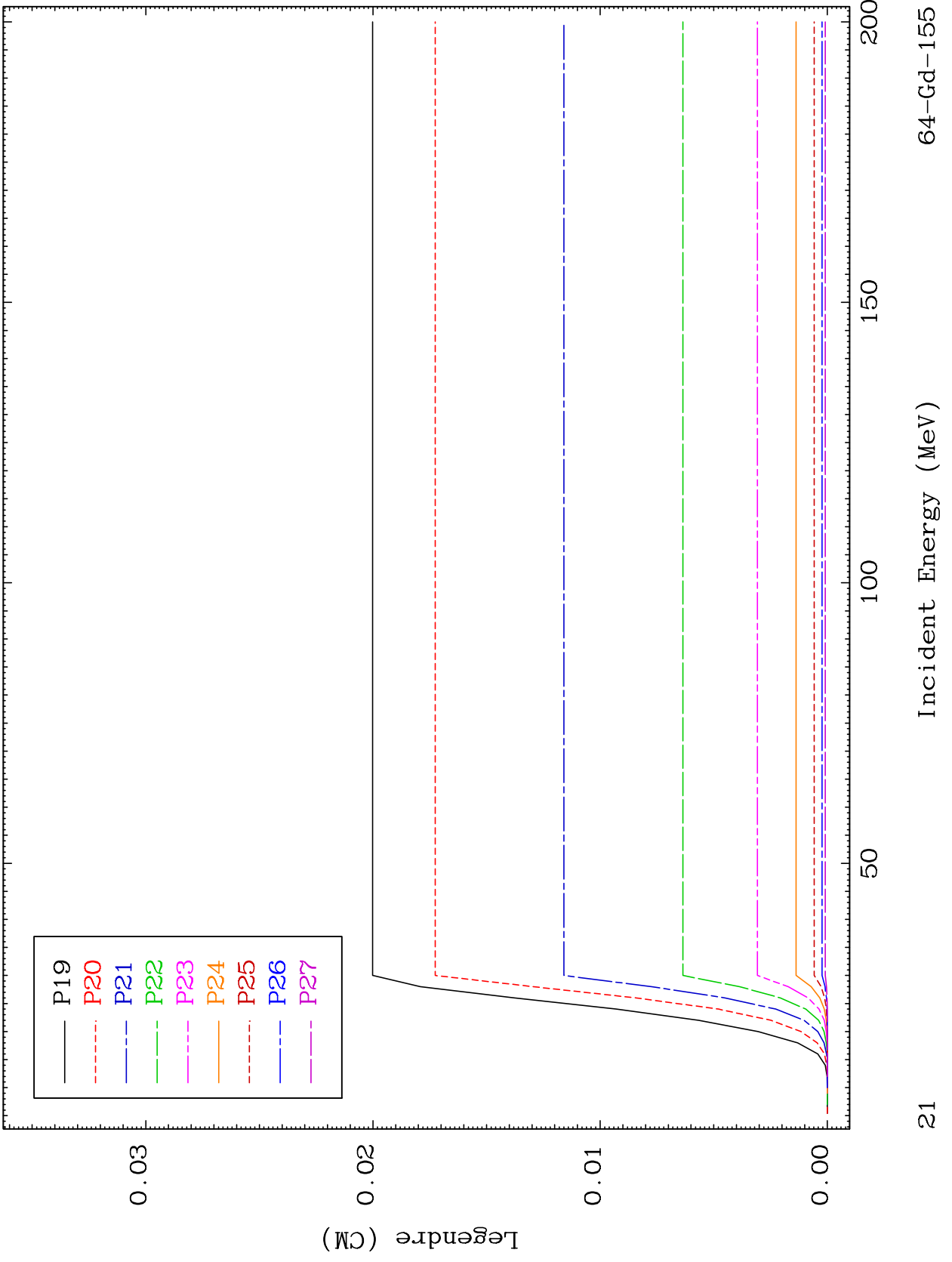
Incident Energy (MeV)

20

MAT 6434

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

64-Gd-155



21

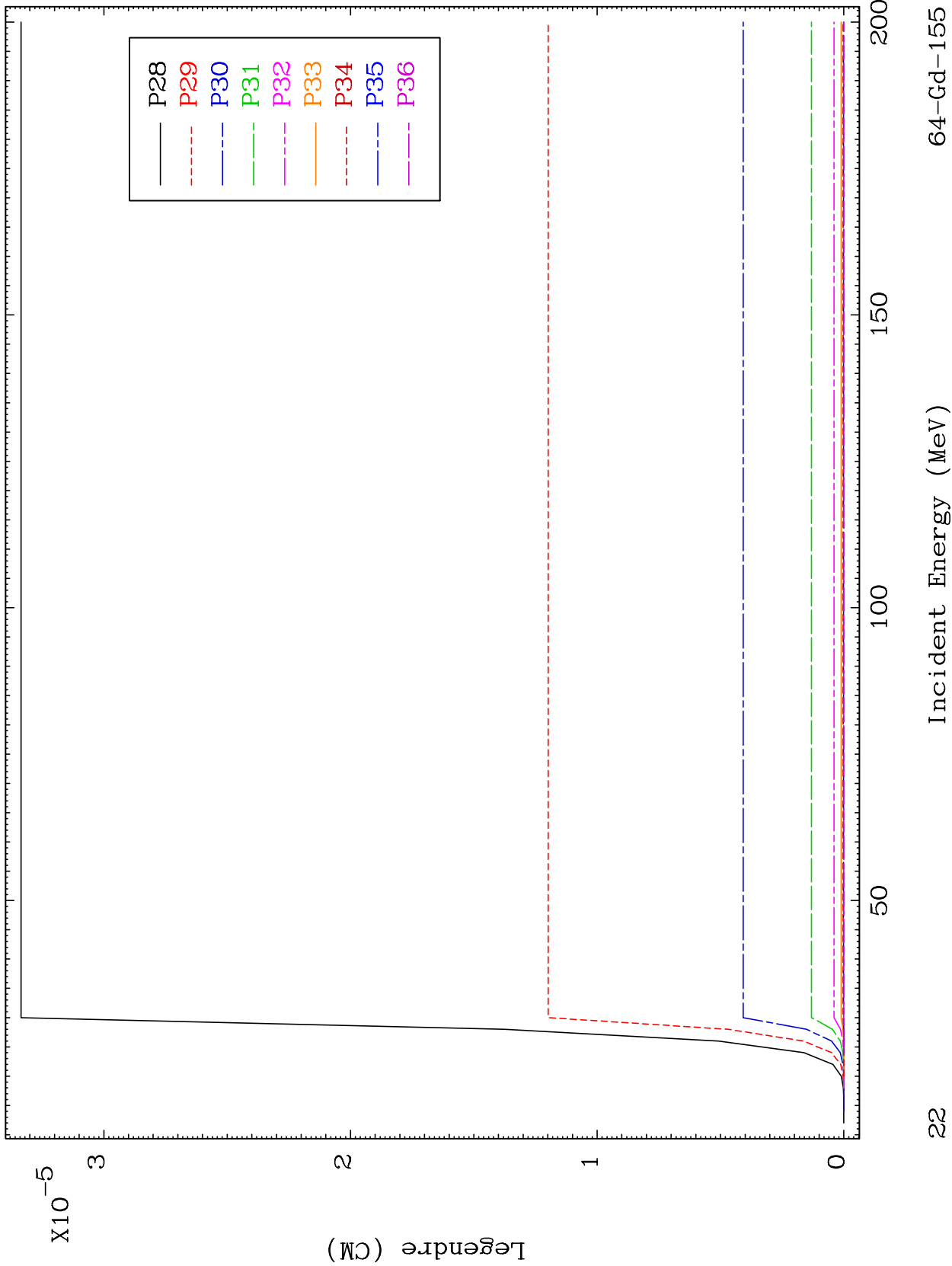
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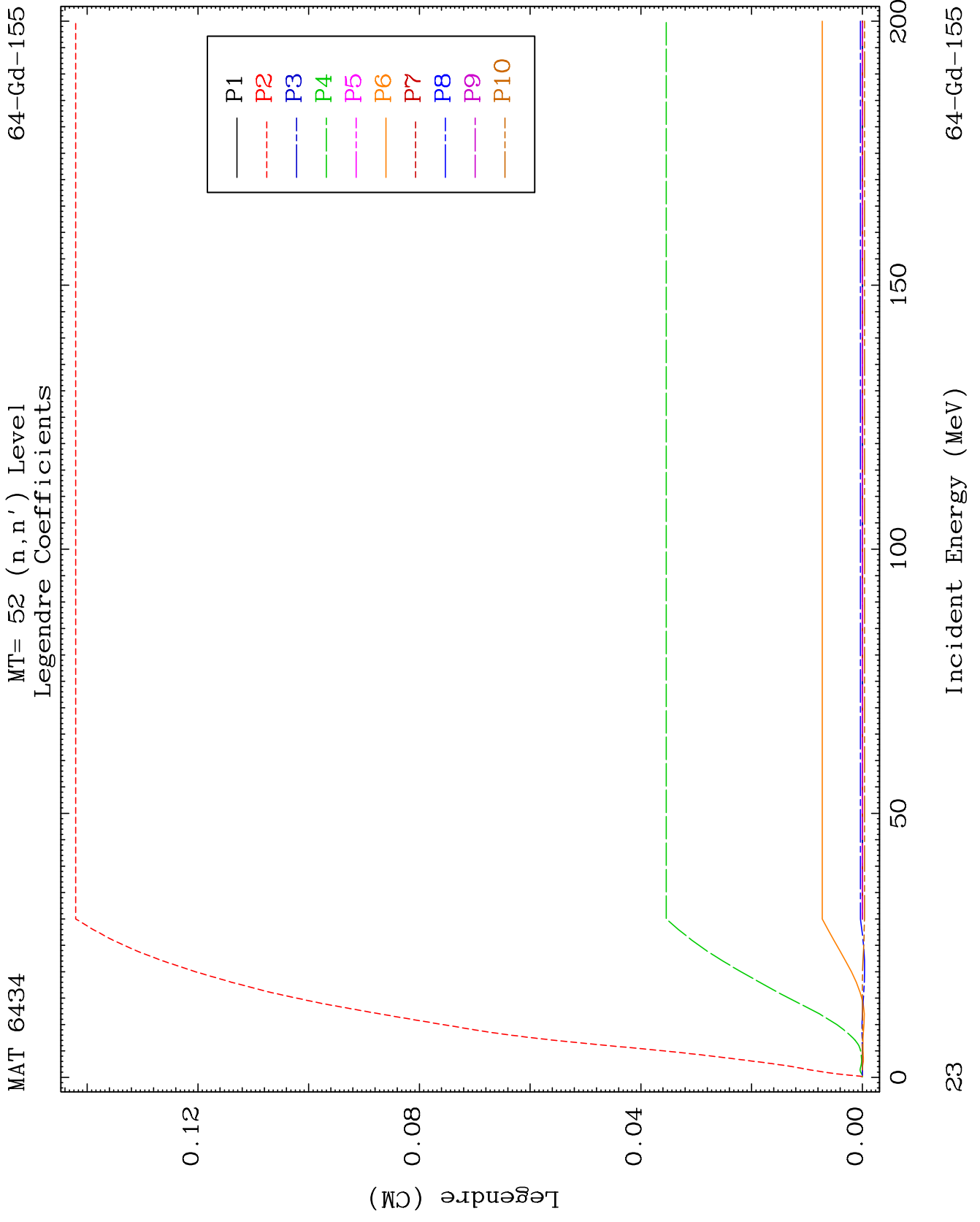
64-Gd-155

MAT 6434

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

64-Gd-155

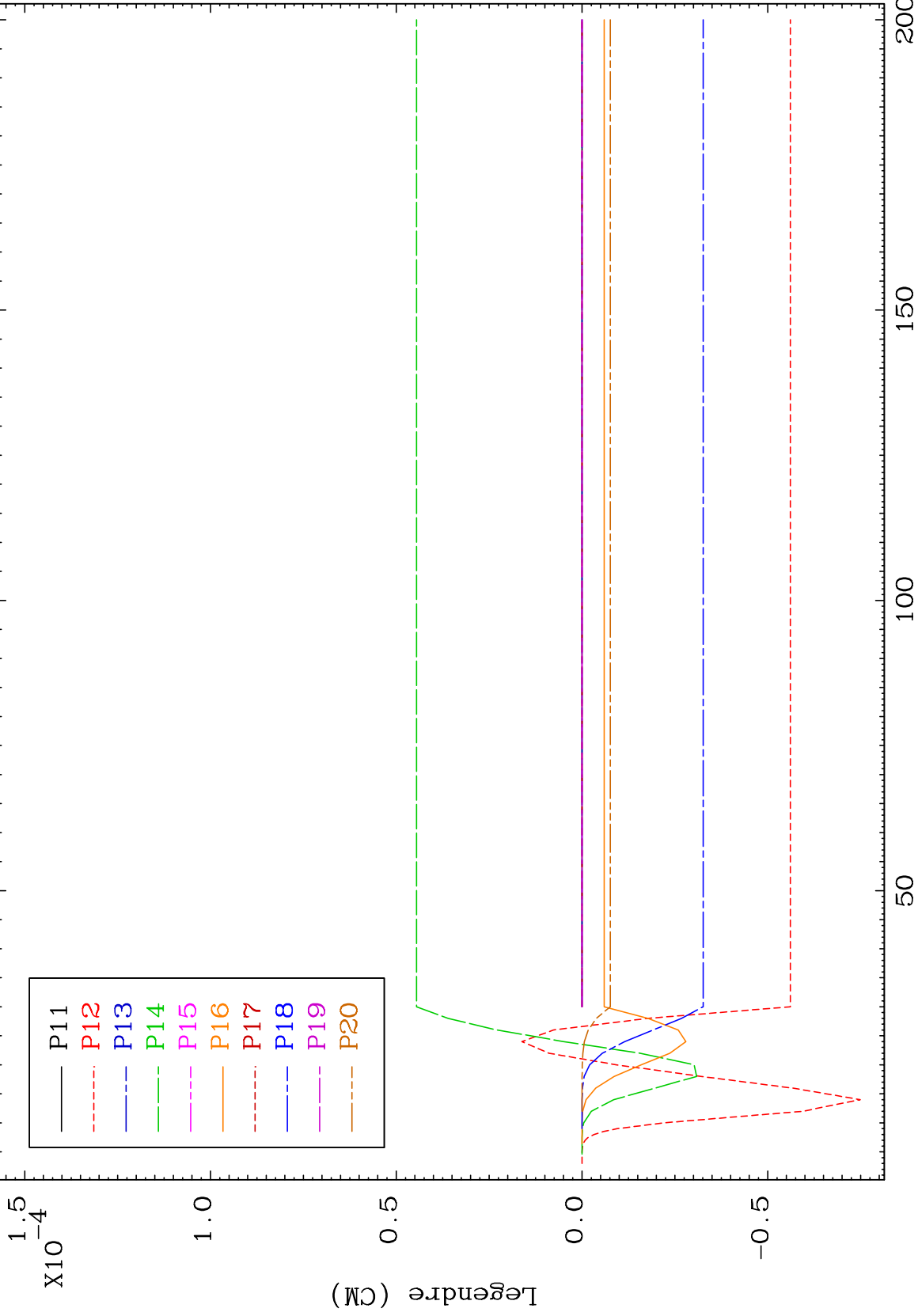




MAT 6434

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

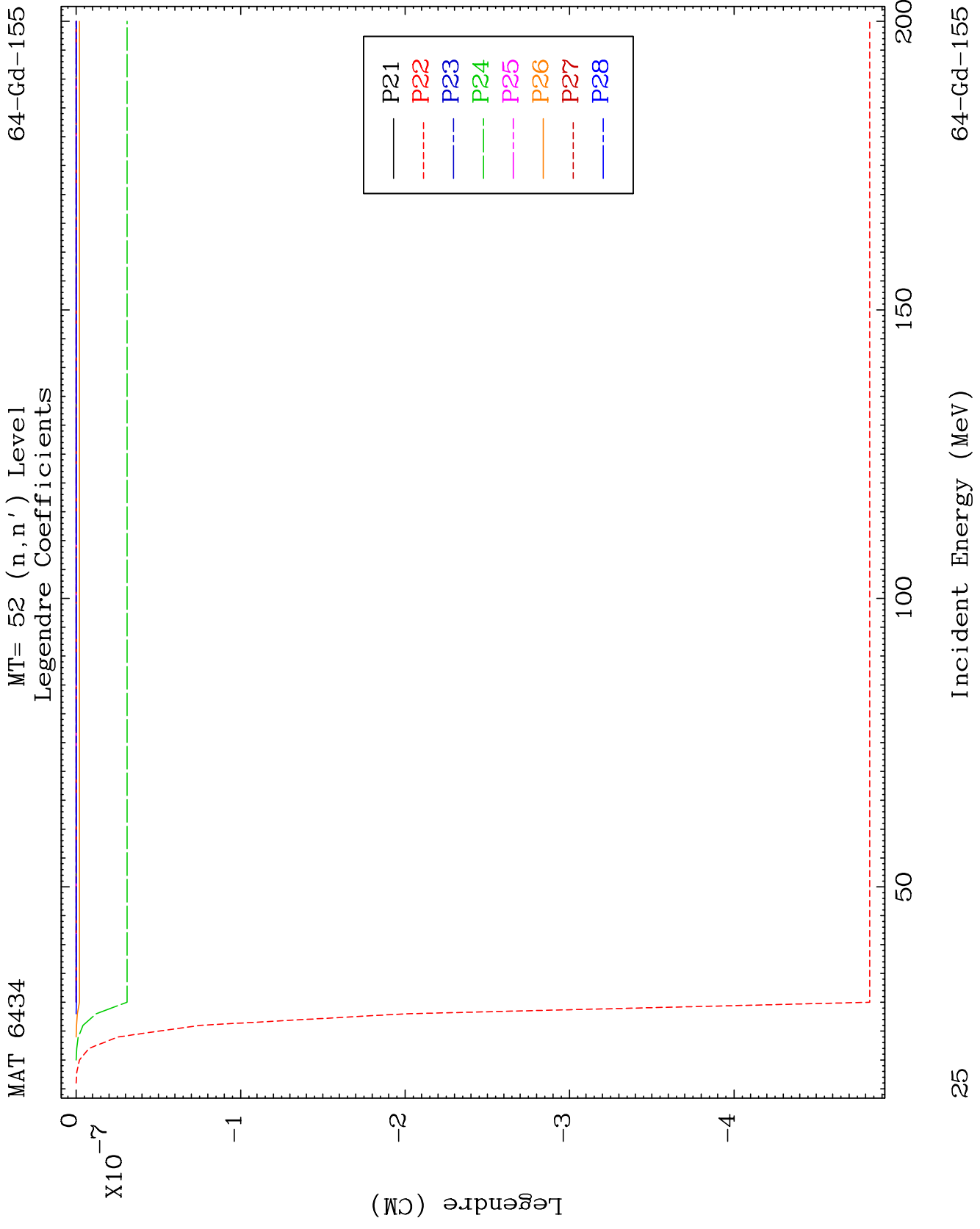
64-Gd-155



24

Incident Energy (MeV)

64-Gd-155

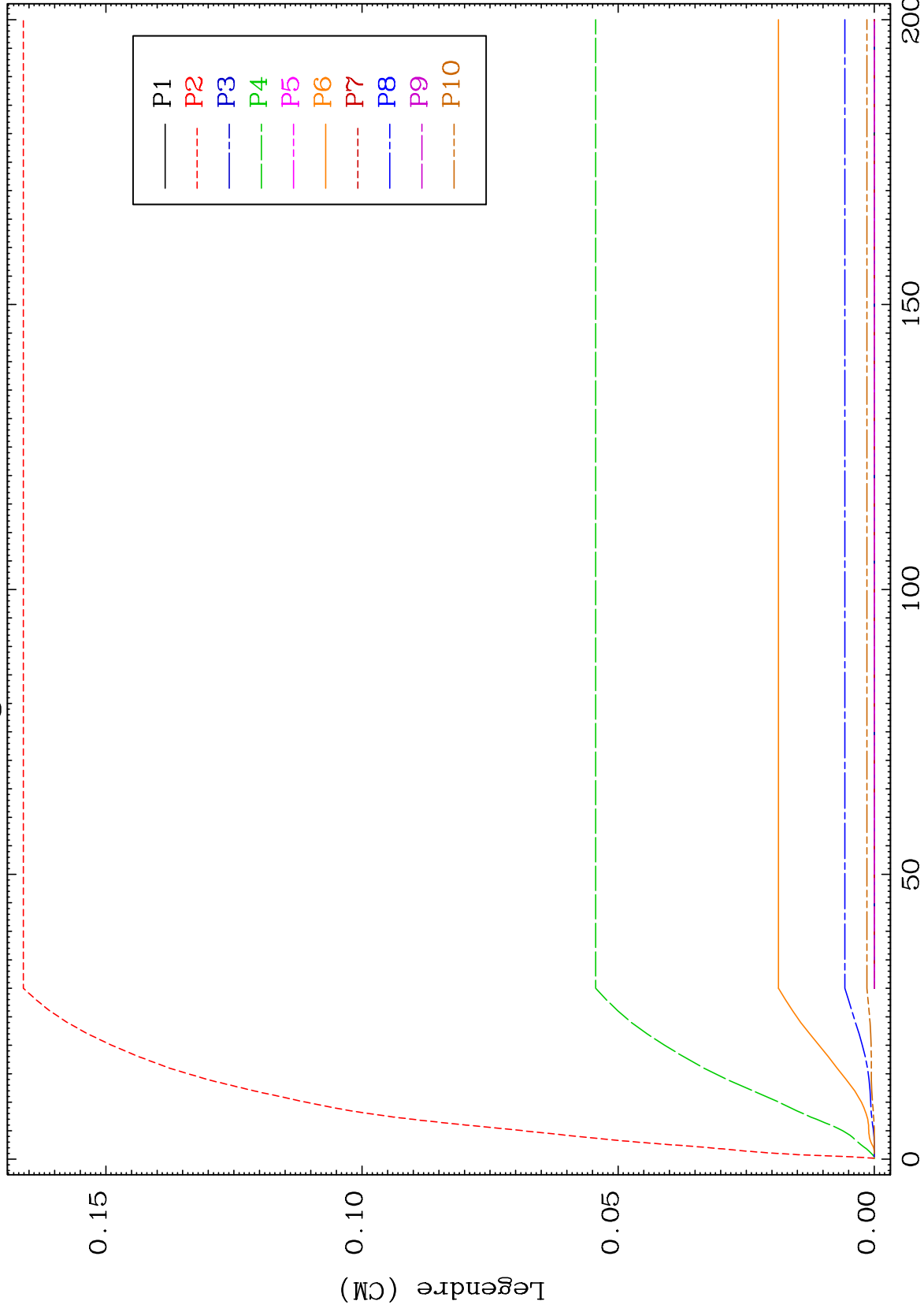


MAT 6434

MT= 53 (n,n') Level

64-Gd-155

Legendre Coefficients



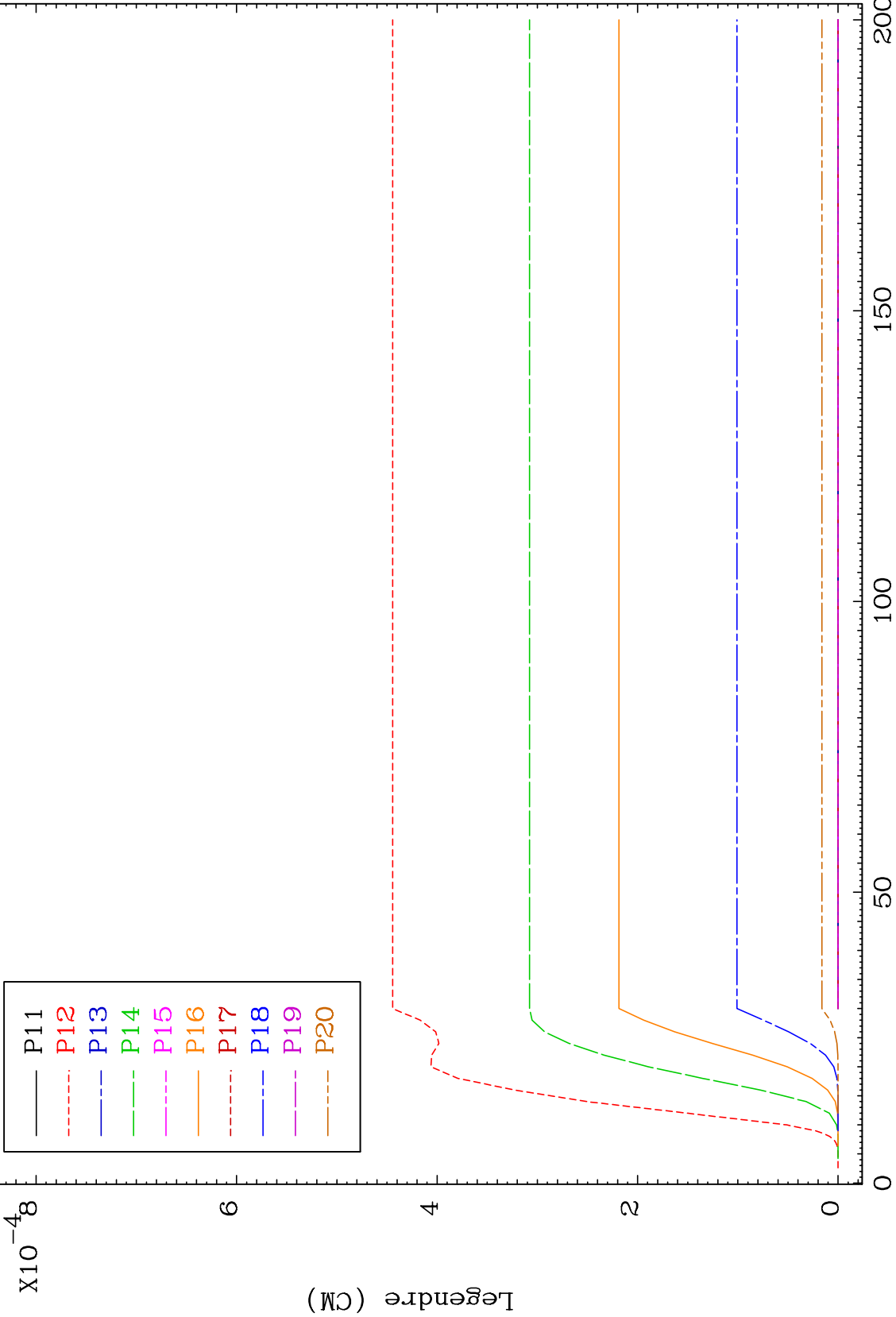
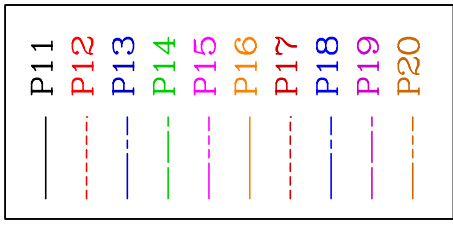
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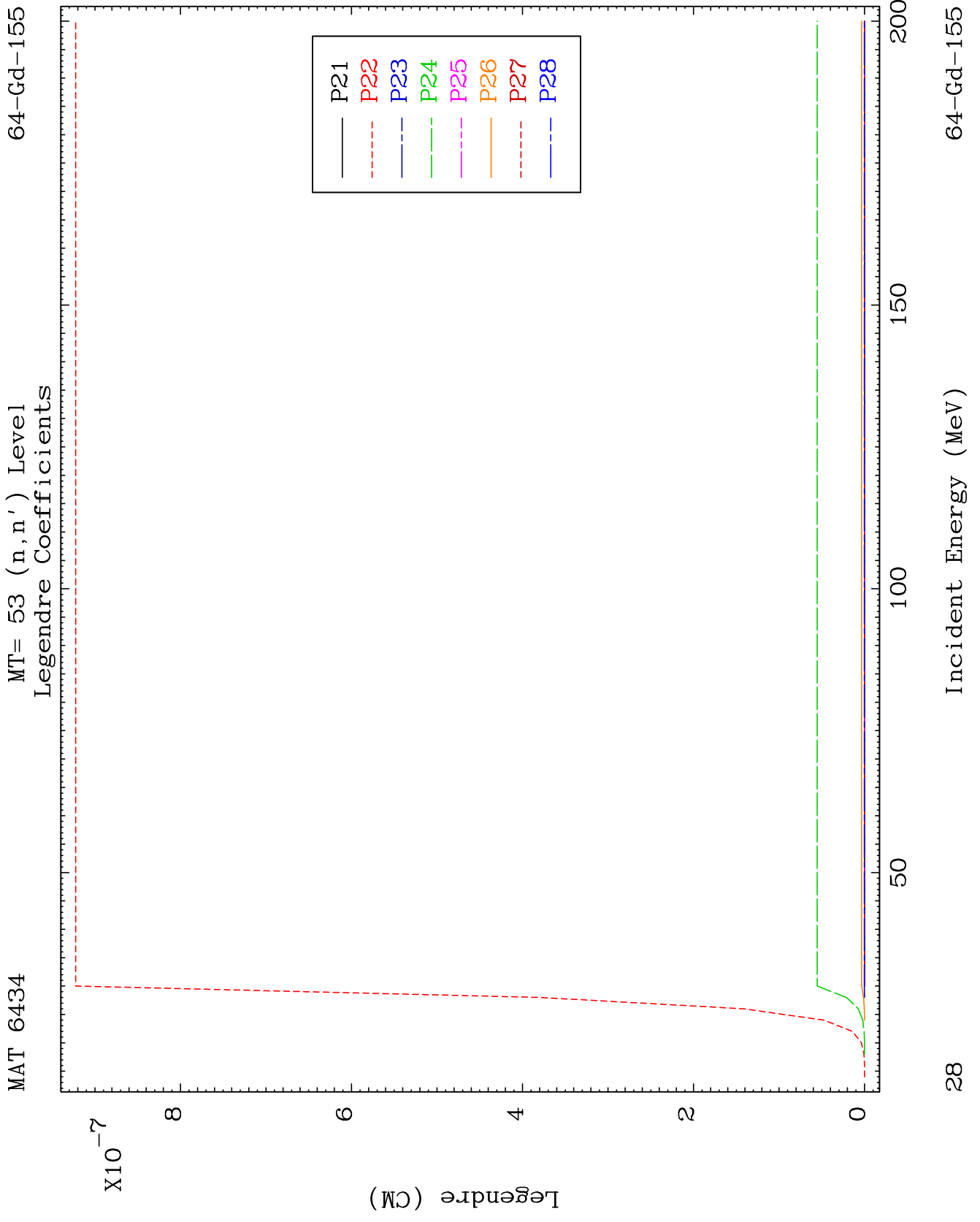
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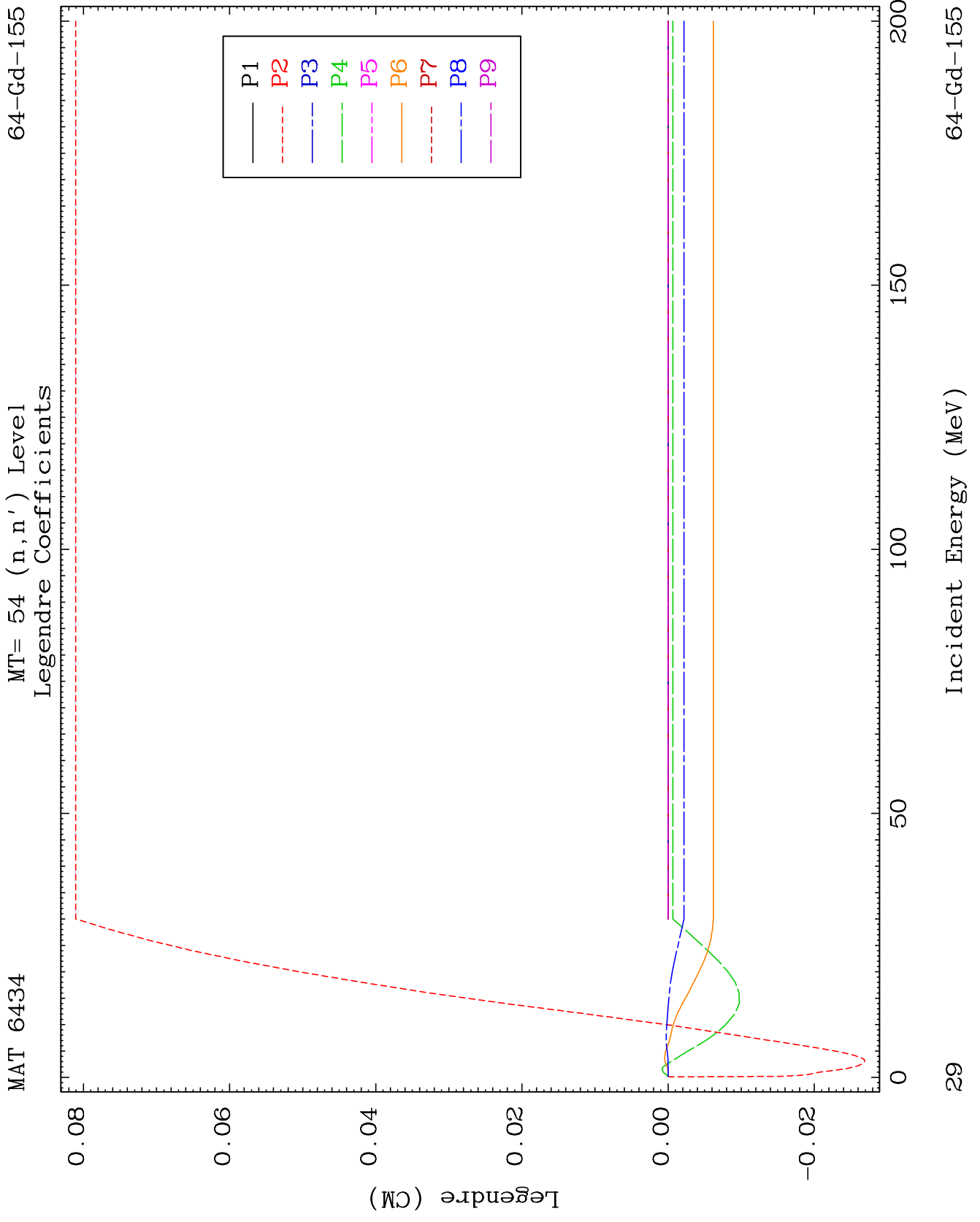
MAT 6434

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

64-Gd-155



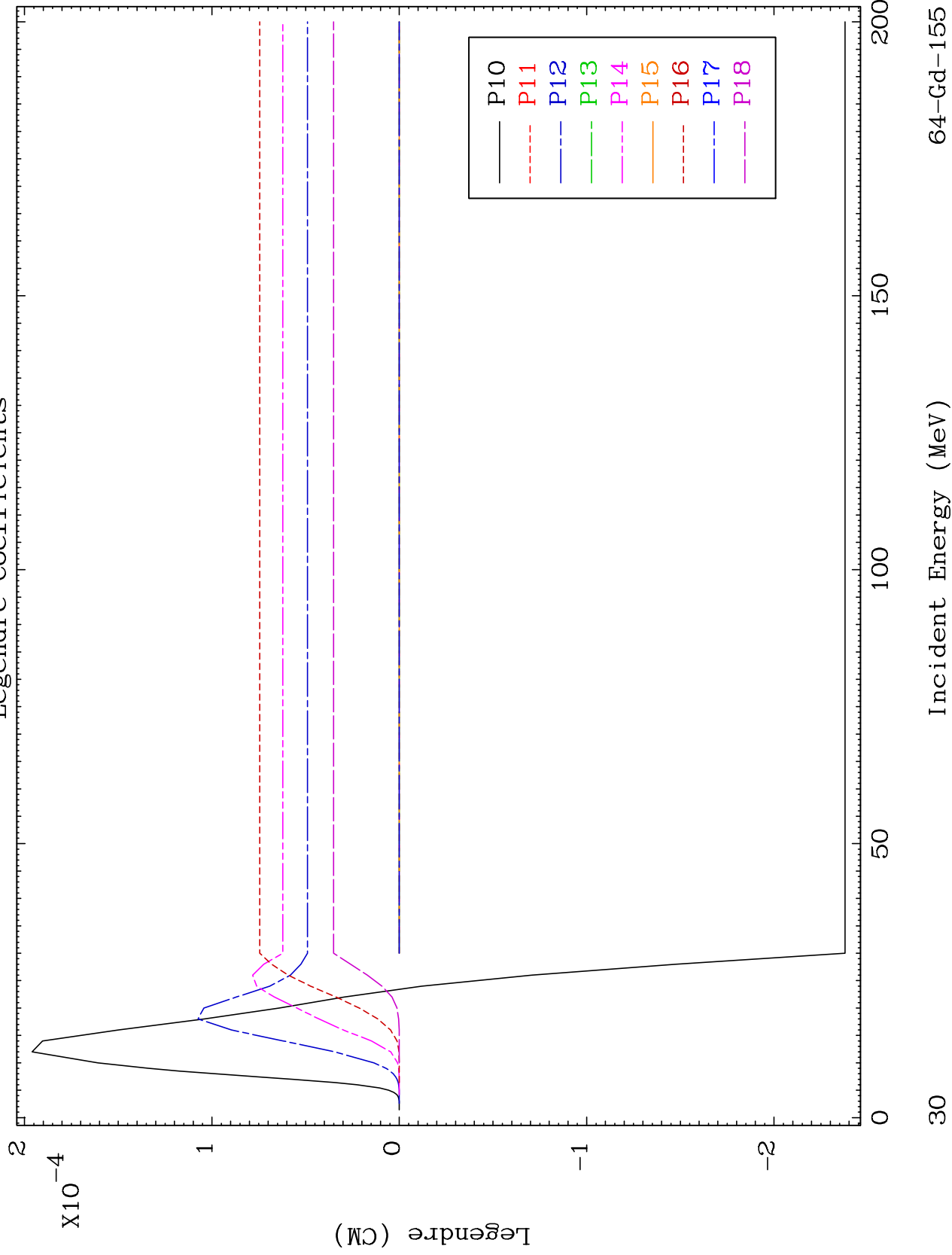


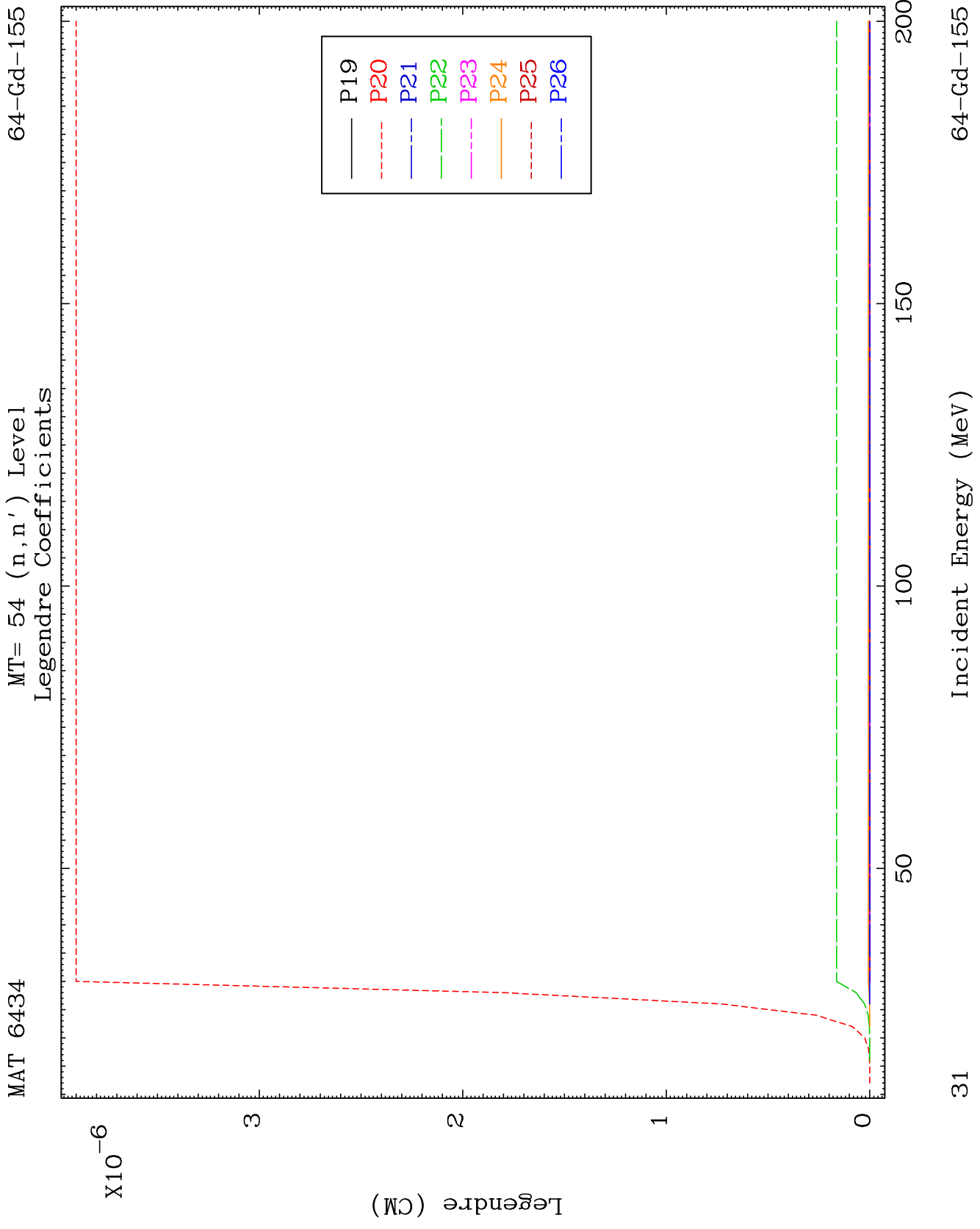


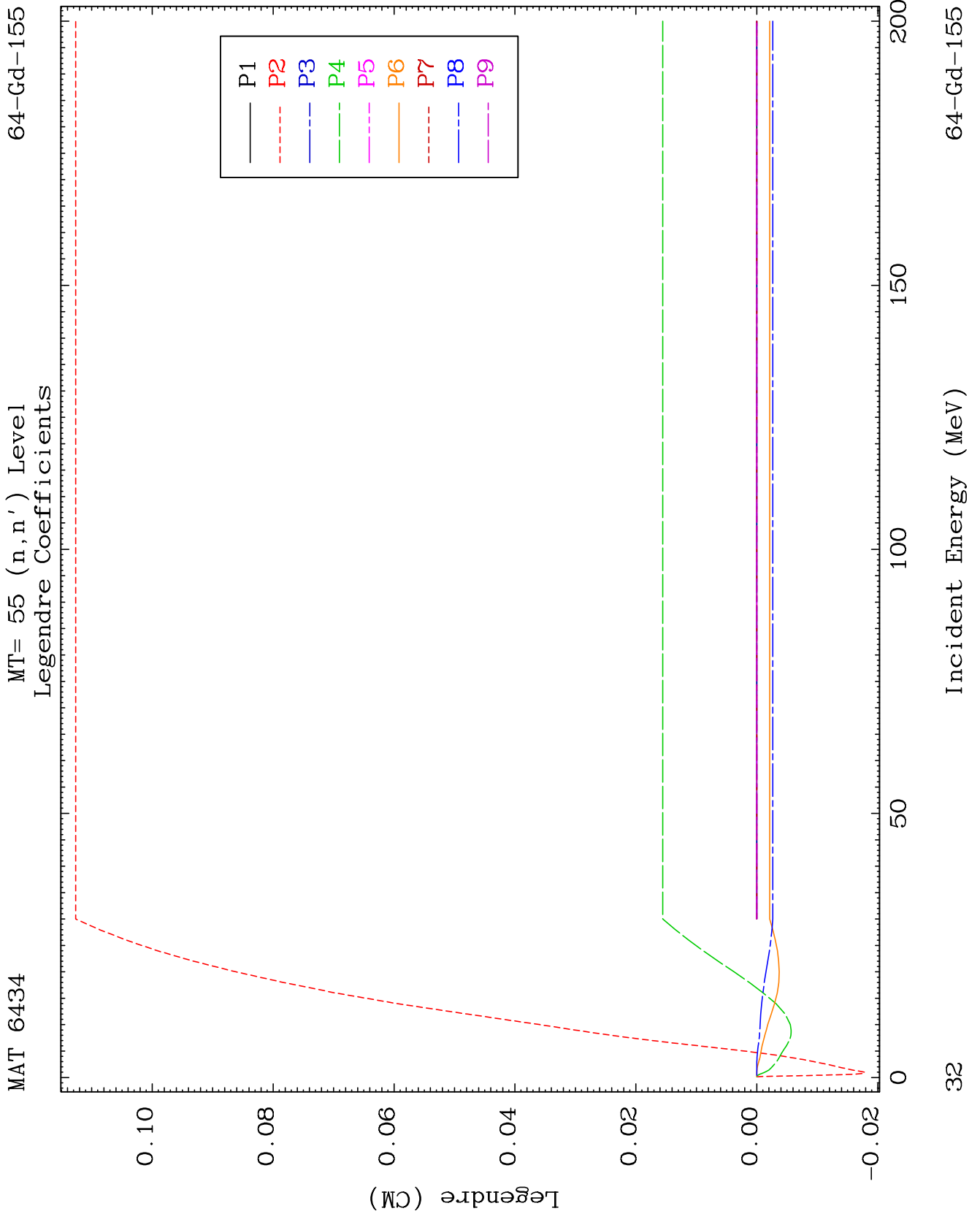
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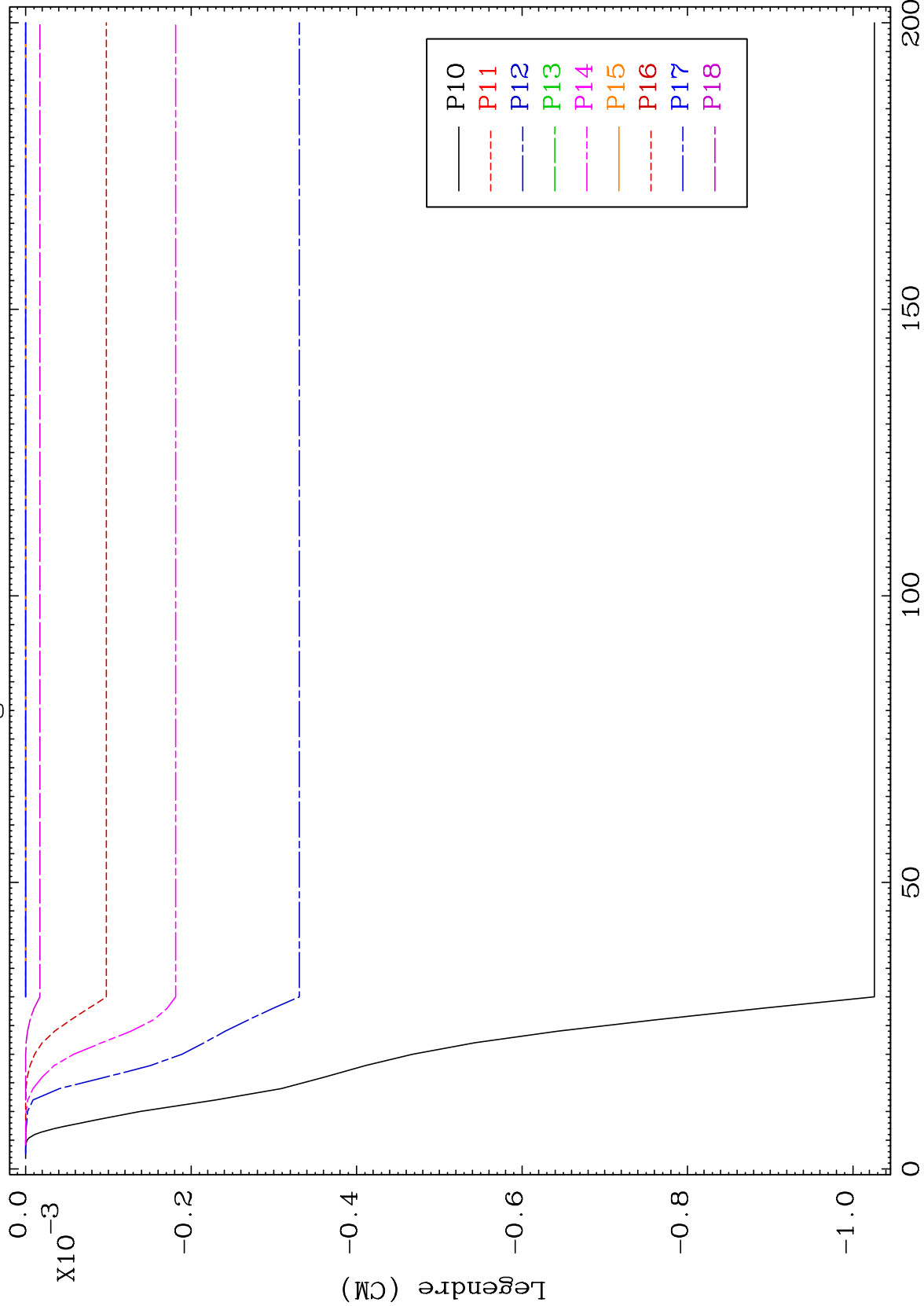
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Legendre Coefficients

64-Gd-155





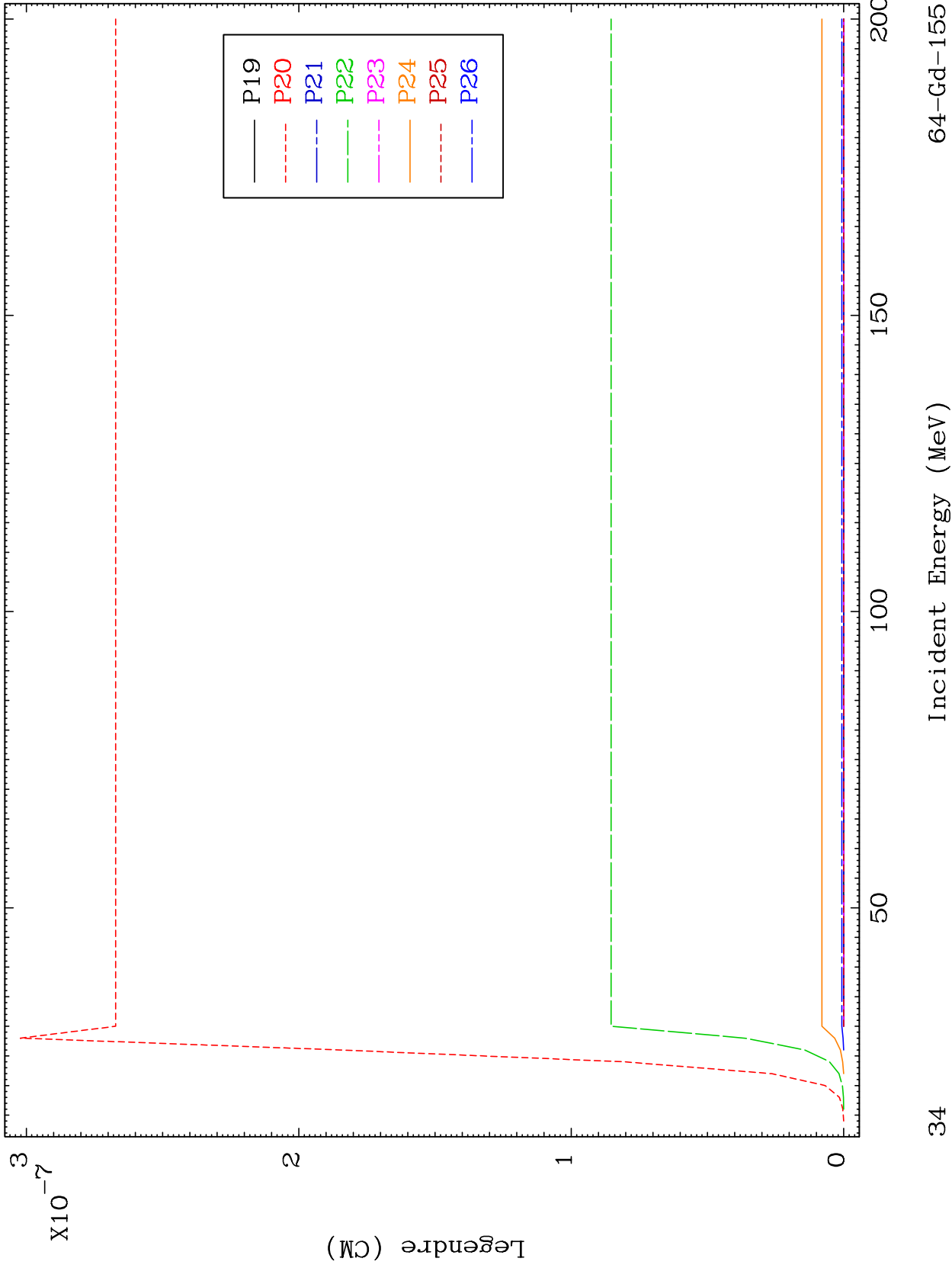




MAT 6434

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

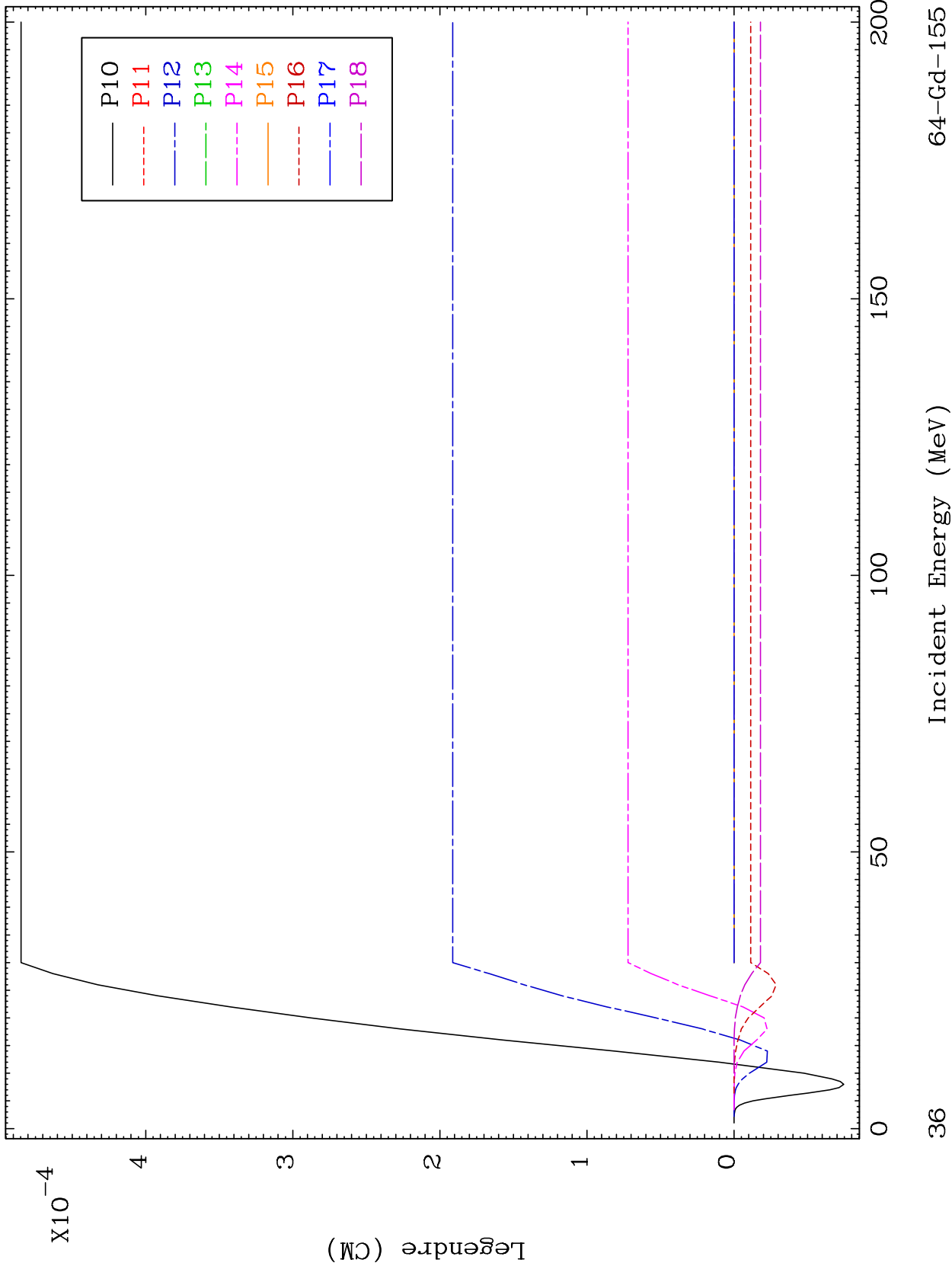
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MAT 6434

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

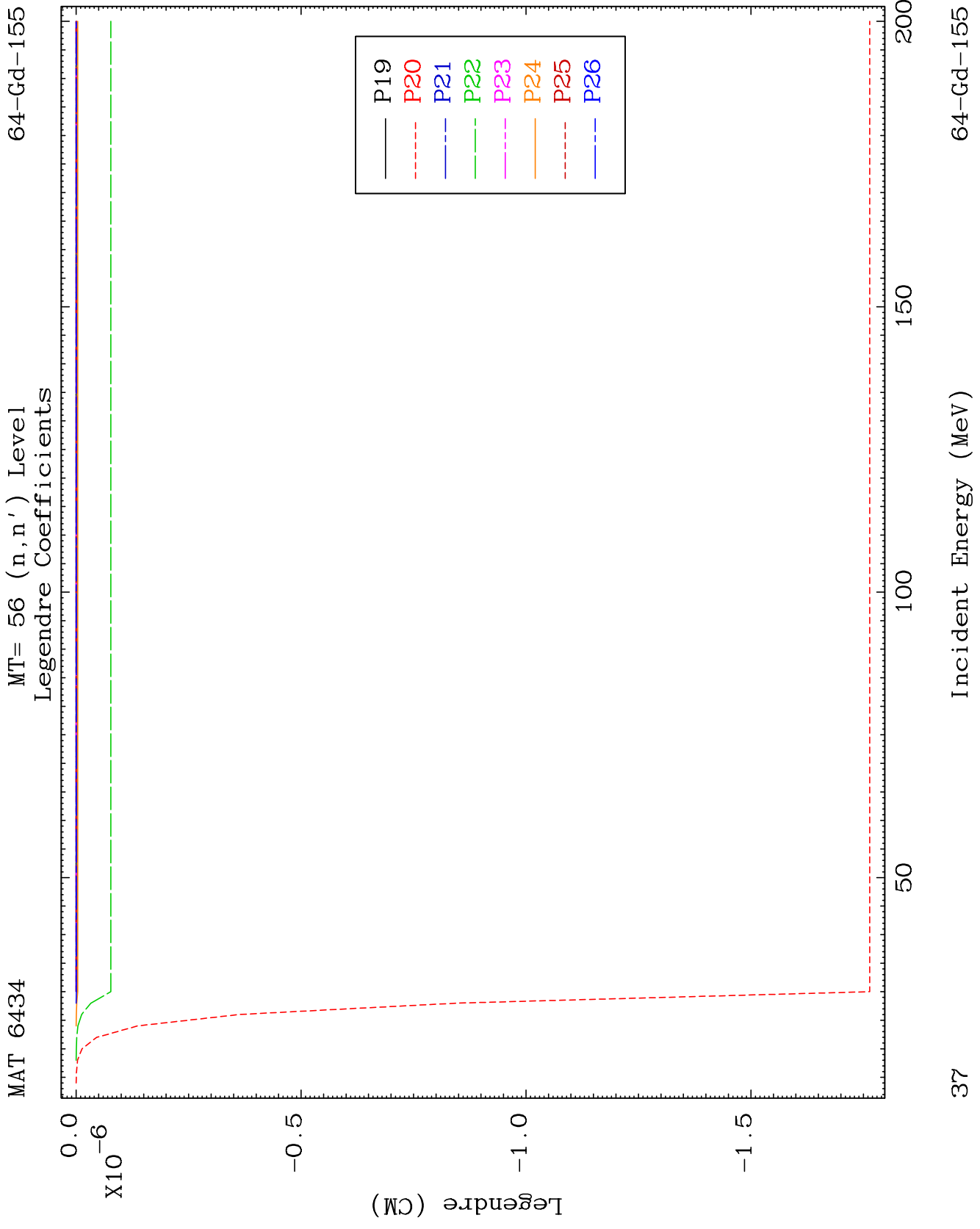
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36

Incident Energy (MeV)

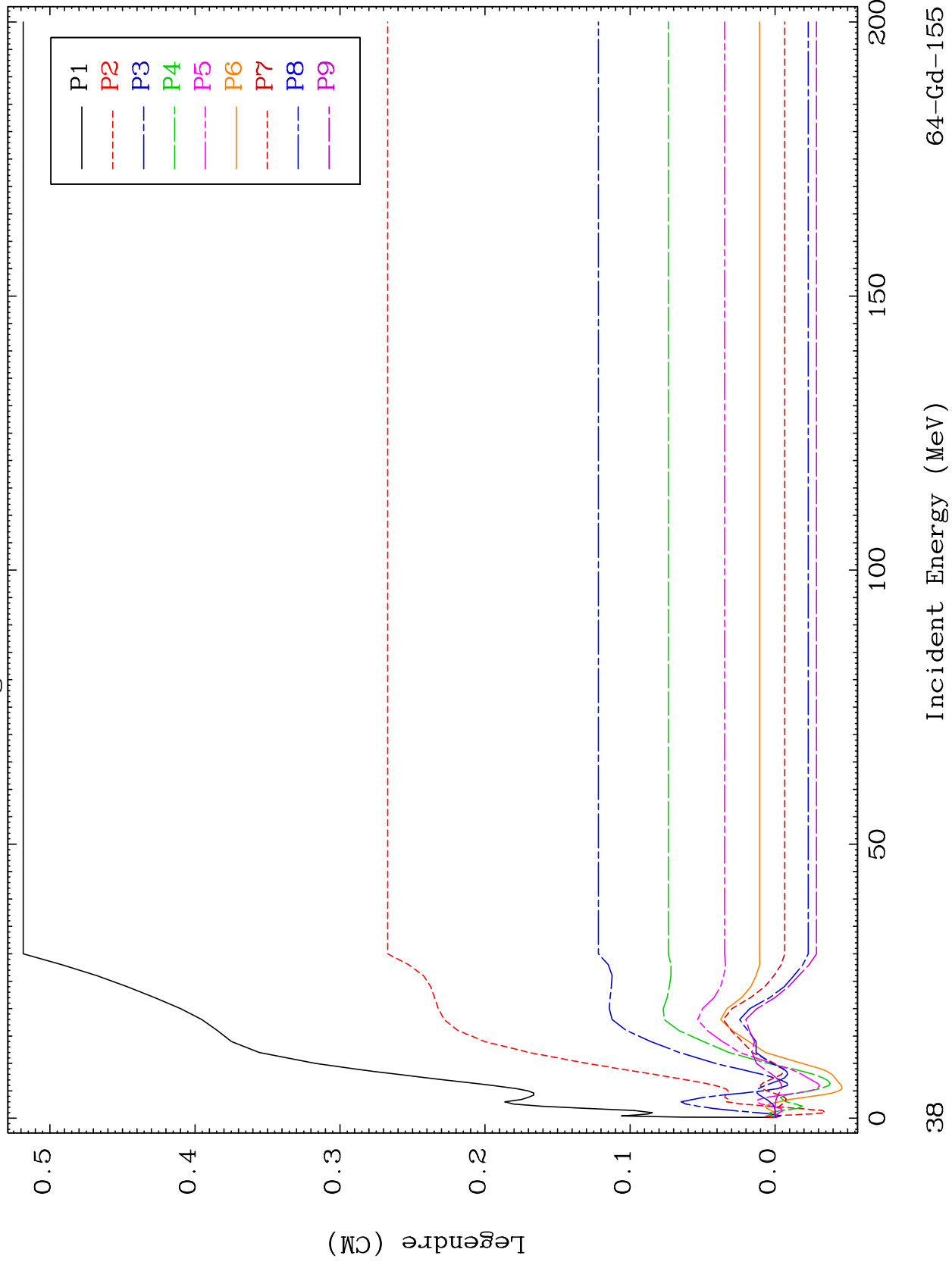
64-Gd-155



MAT 6434

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

64-Gd-155



64-Gd-155

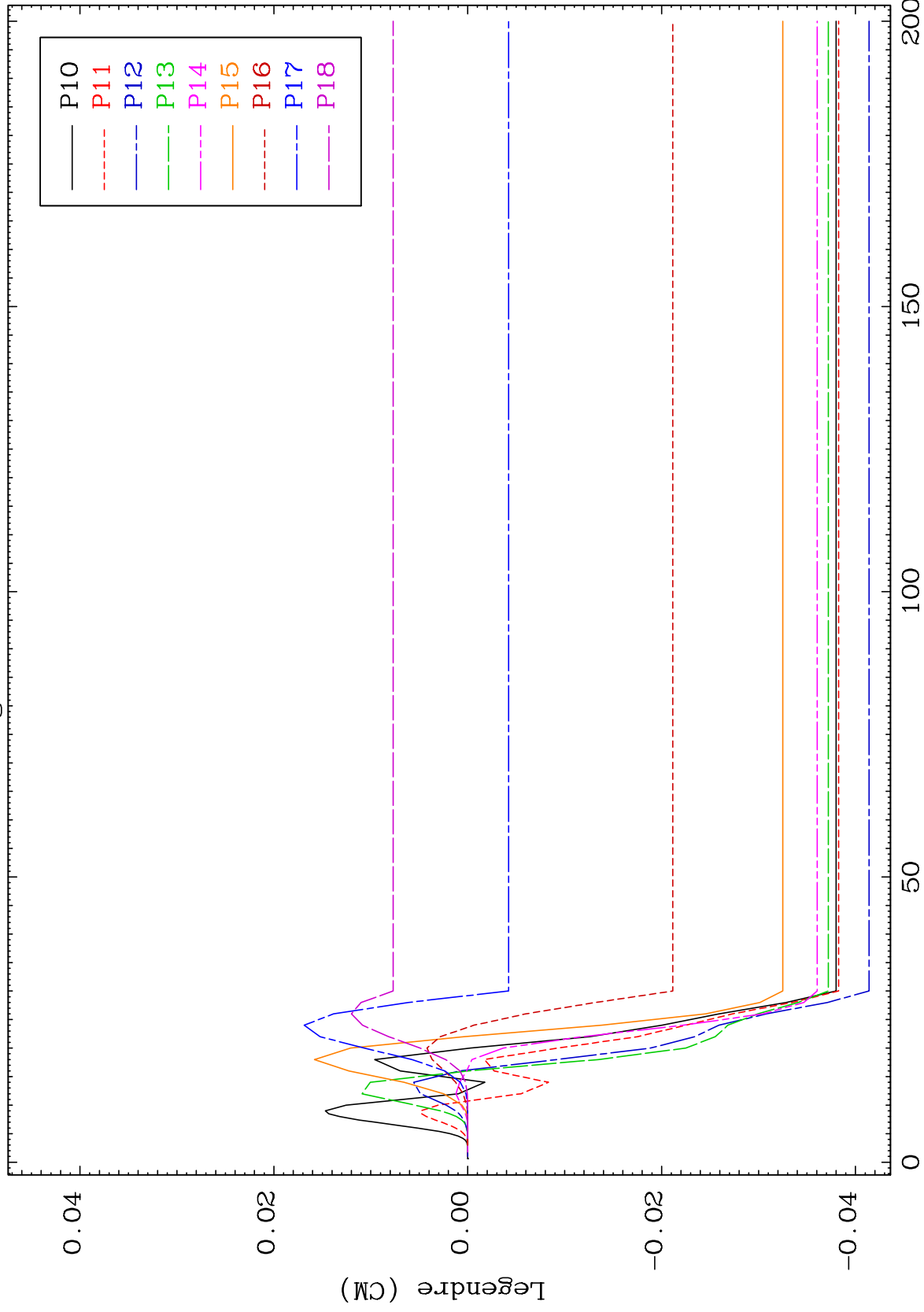
Incident Energy (MeV)

38

MAT 6434

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

64-Gd-155



39

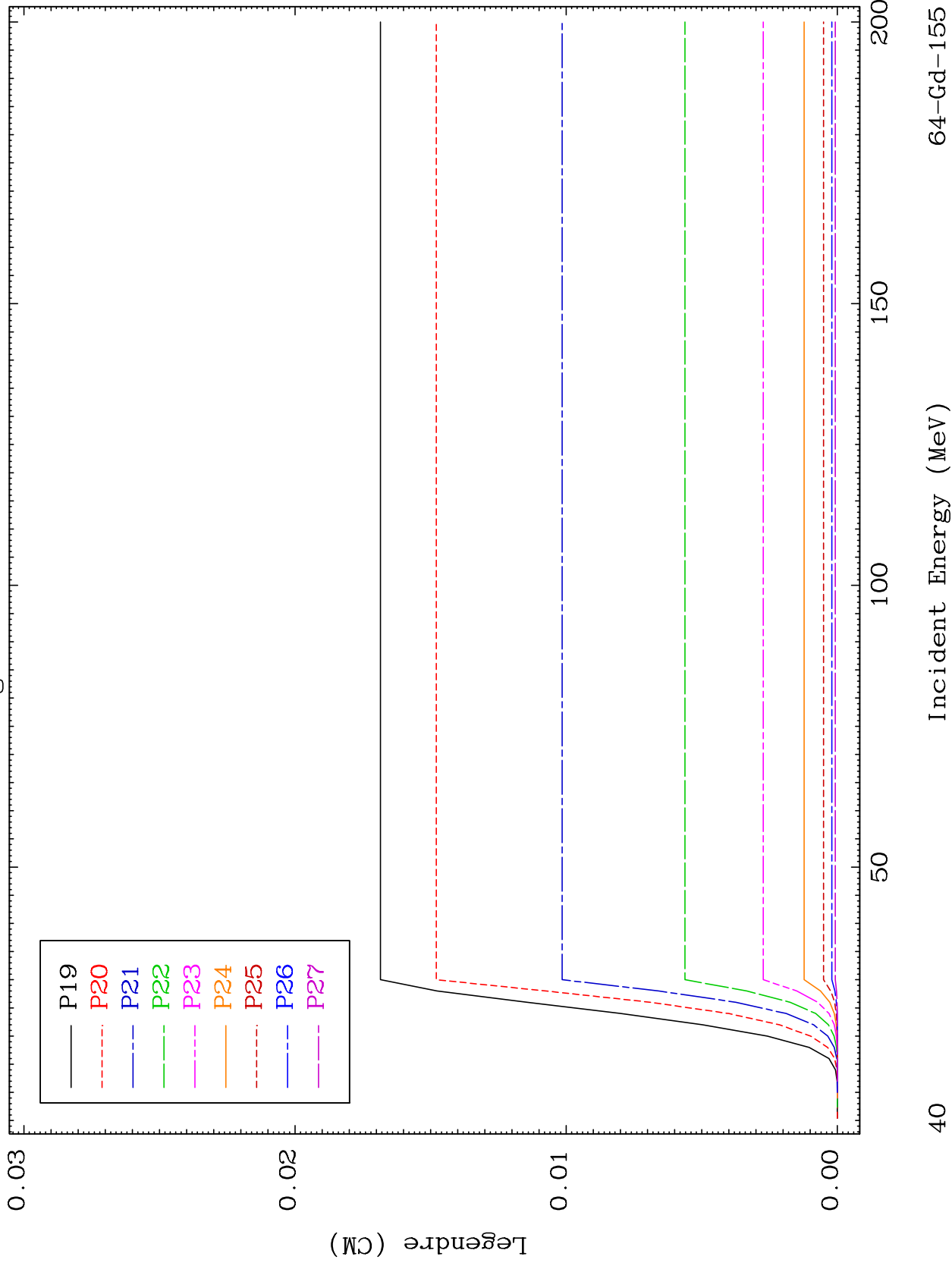
Incident Energy (MeV)

64-Gd-155

MAT 6434

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

64-Gd-155



64-Gd-155

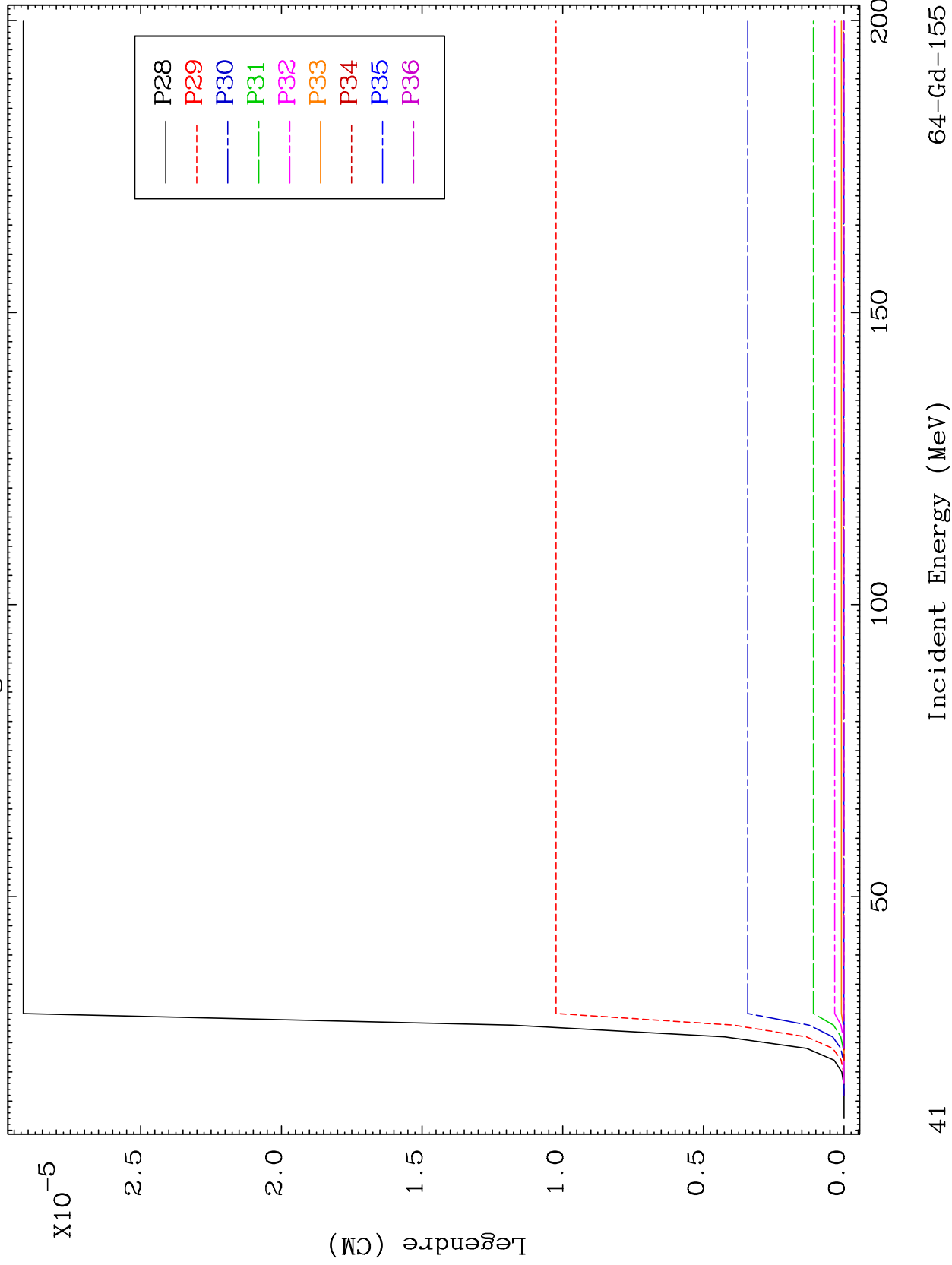
Incident Energy (MeV)

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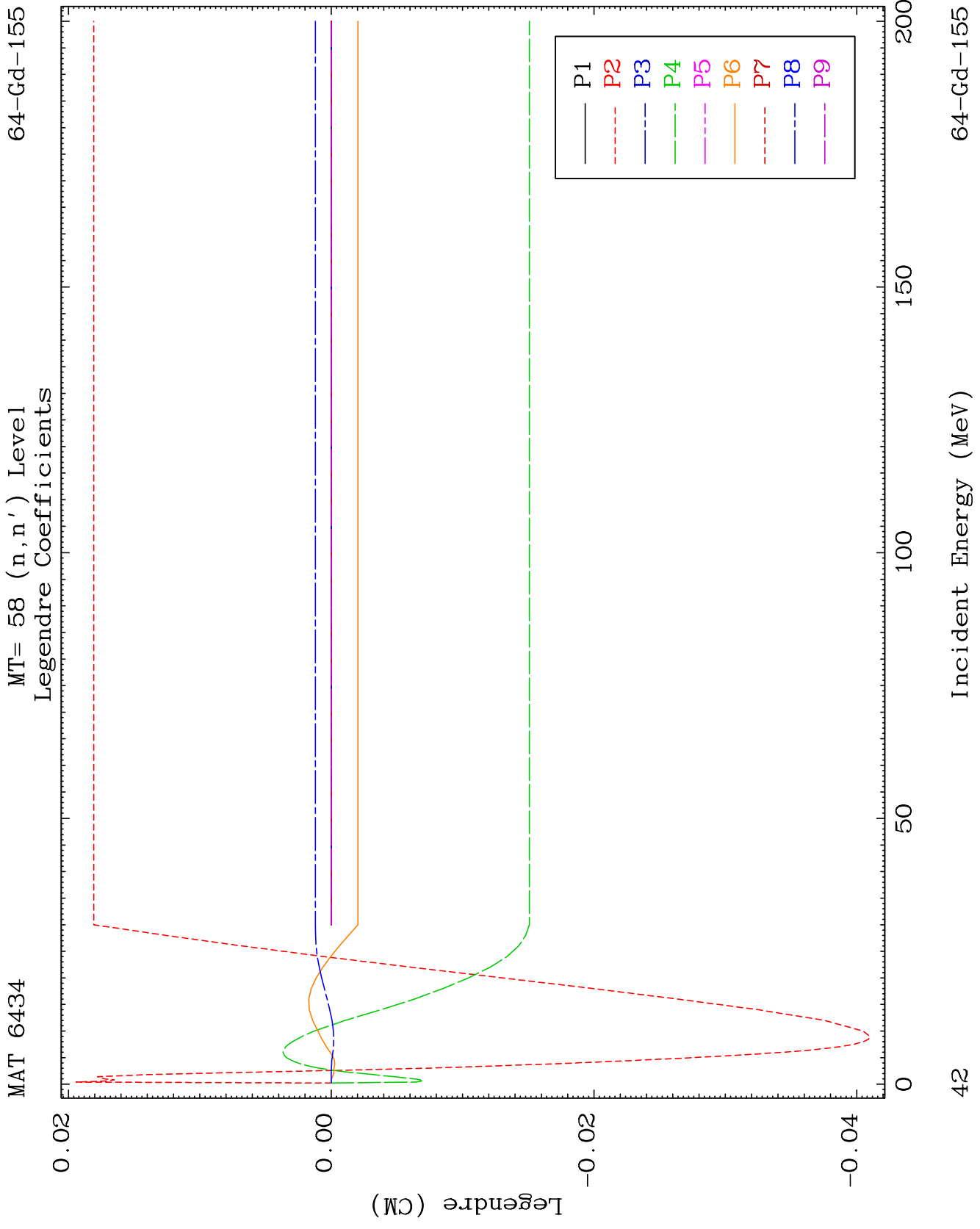
MAT 6434

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

64-Gd-155



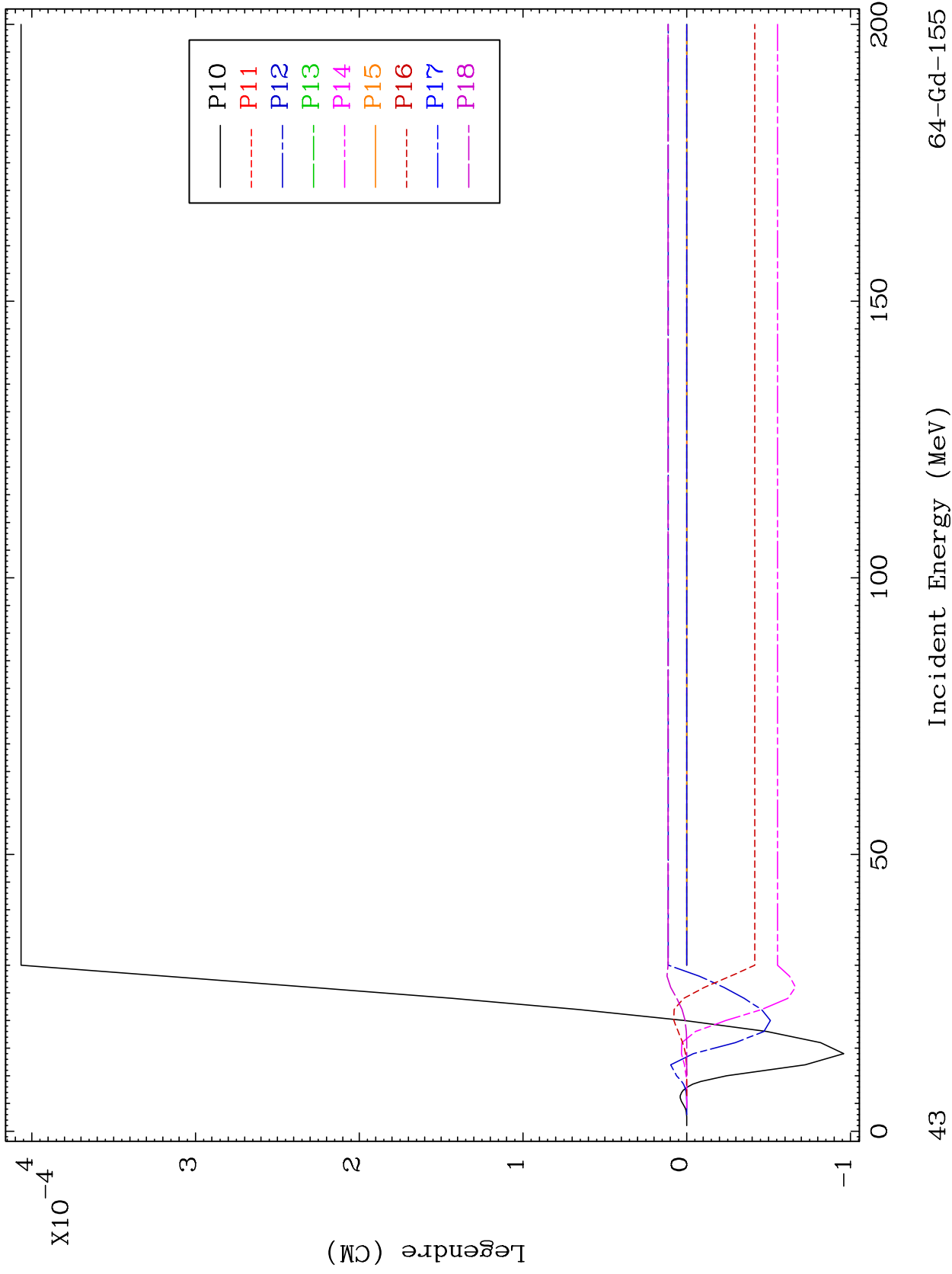
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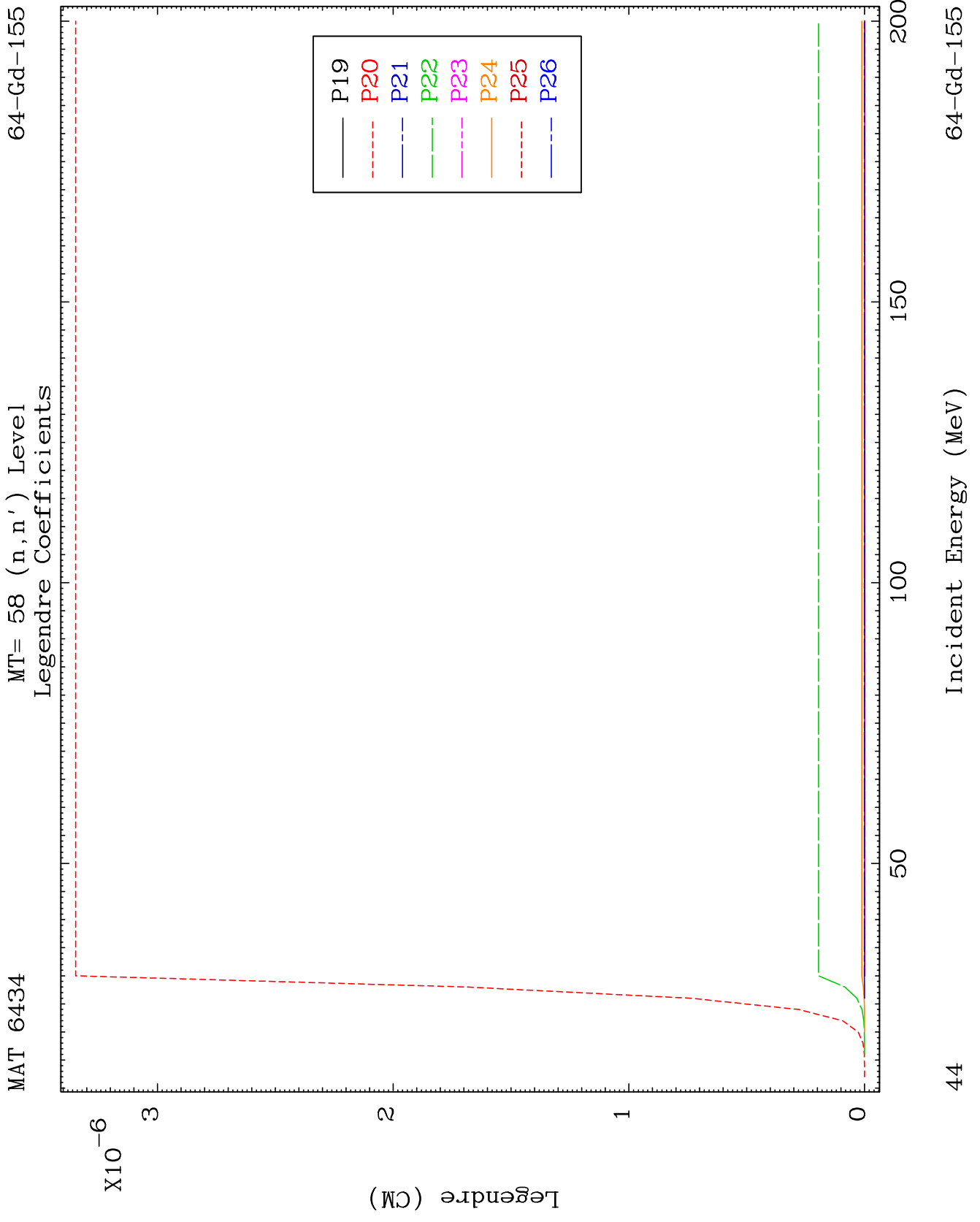


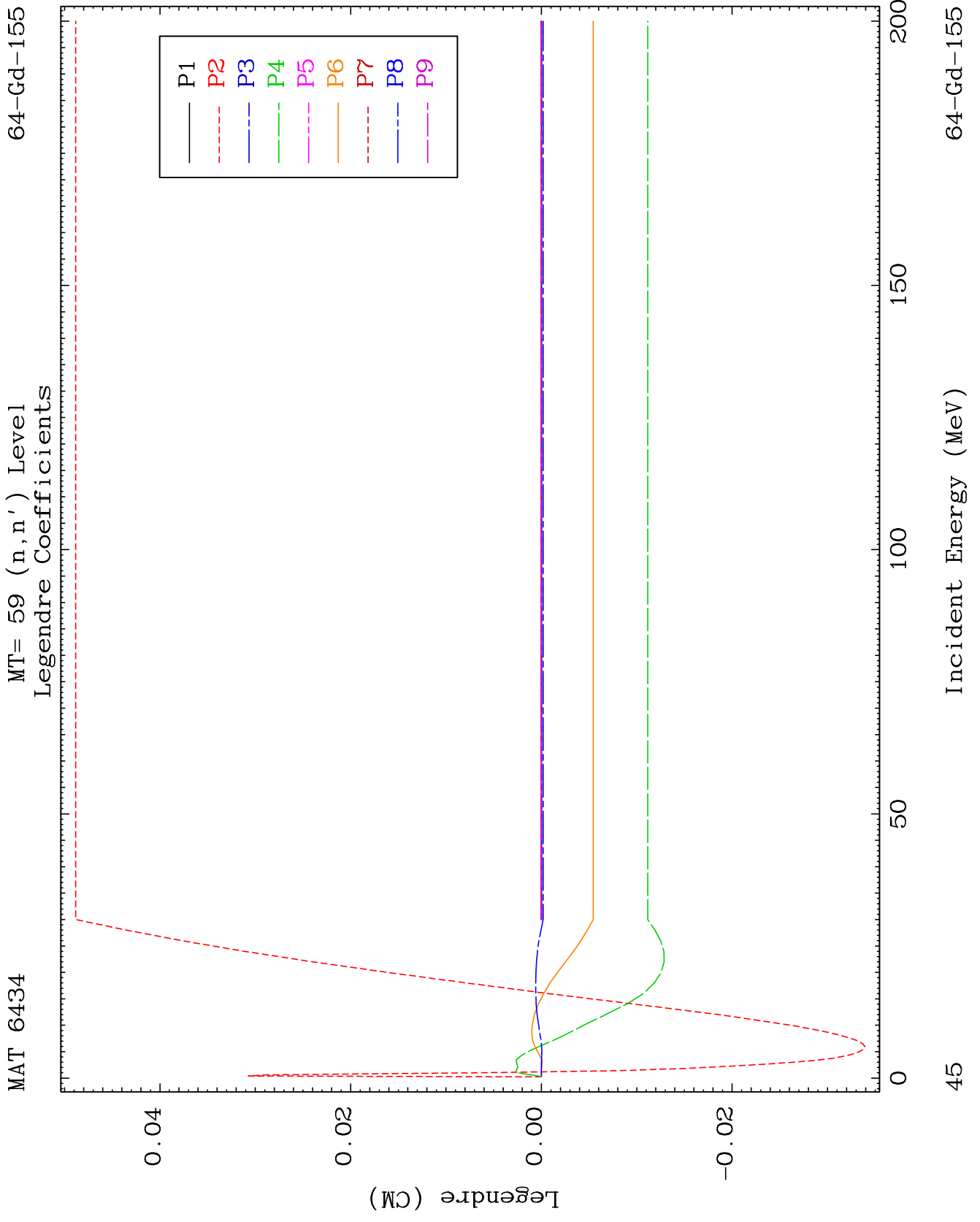
MAT 6434

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

64-Gd-155



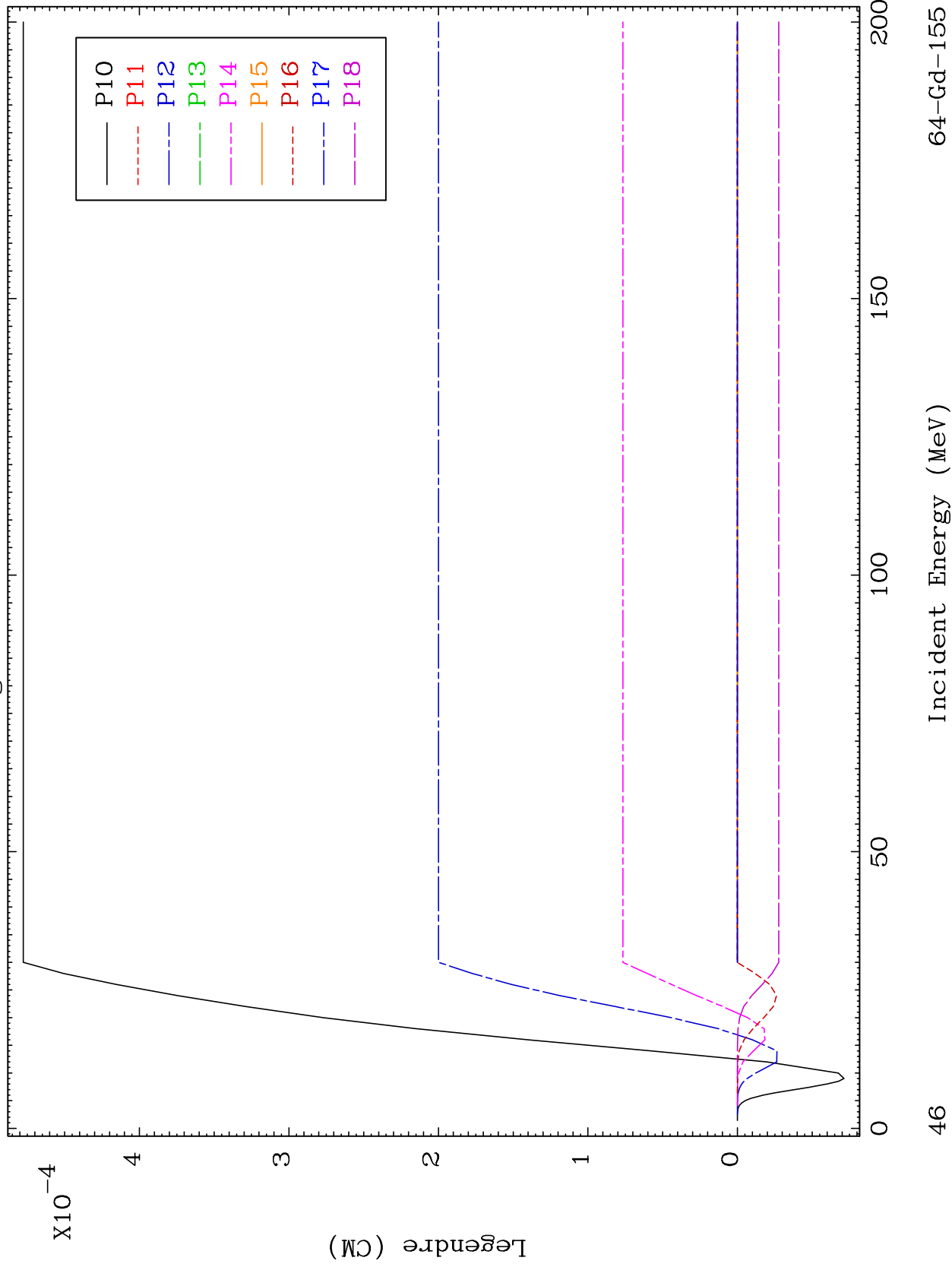




MAT 6434

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

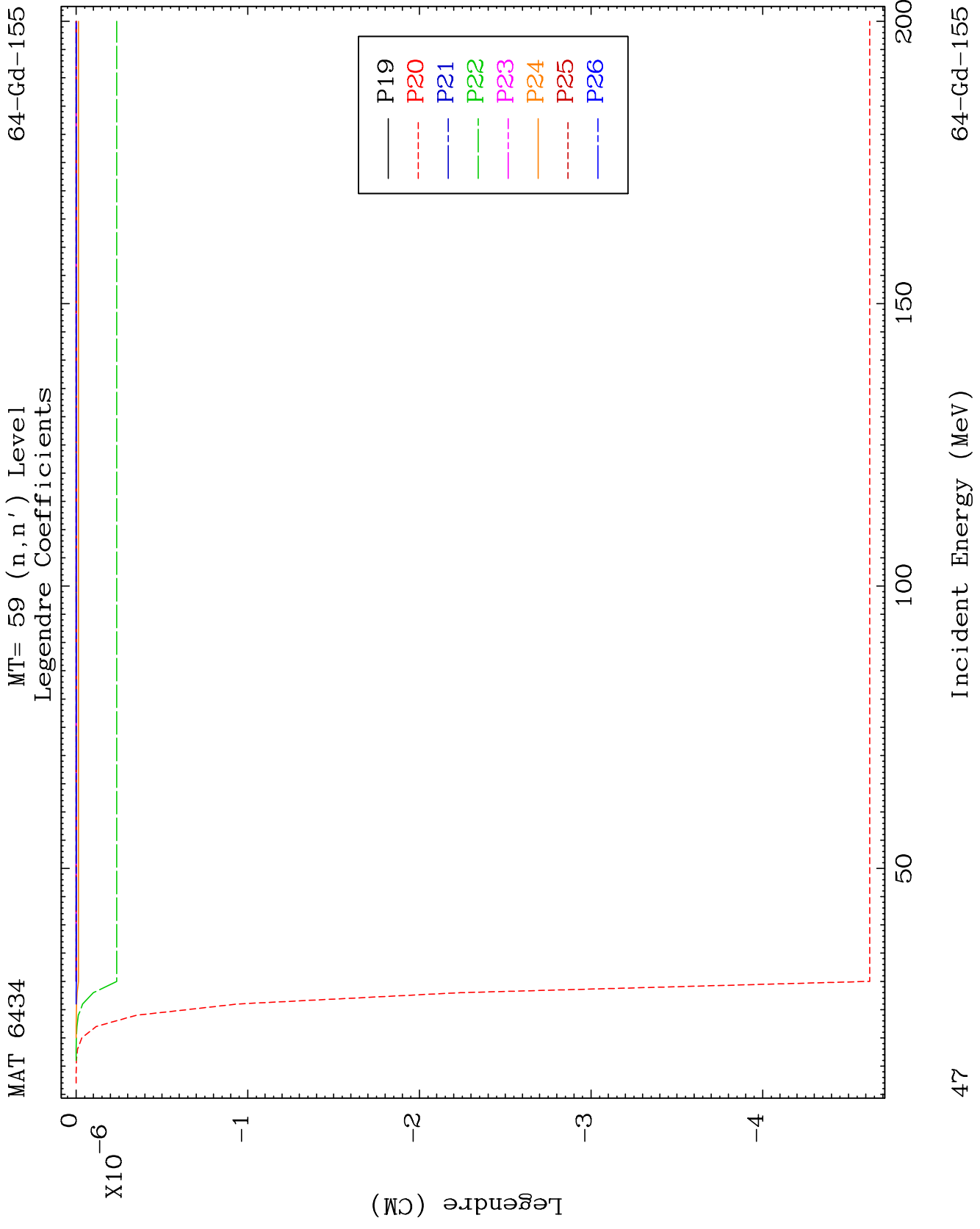
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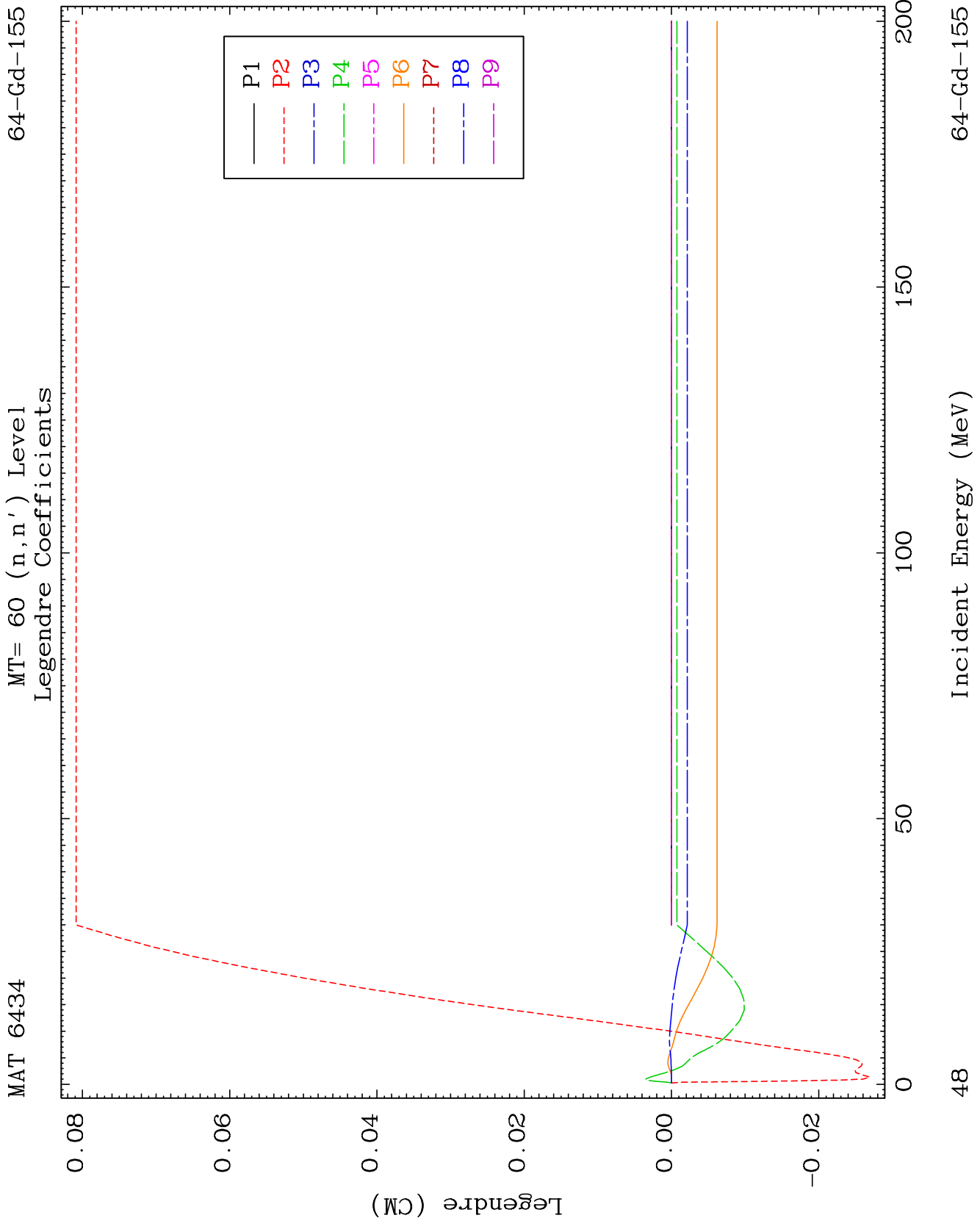


46

Incident Energy (MeV)

64-Gd-155

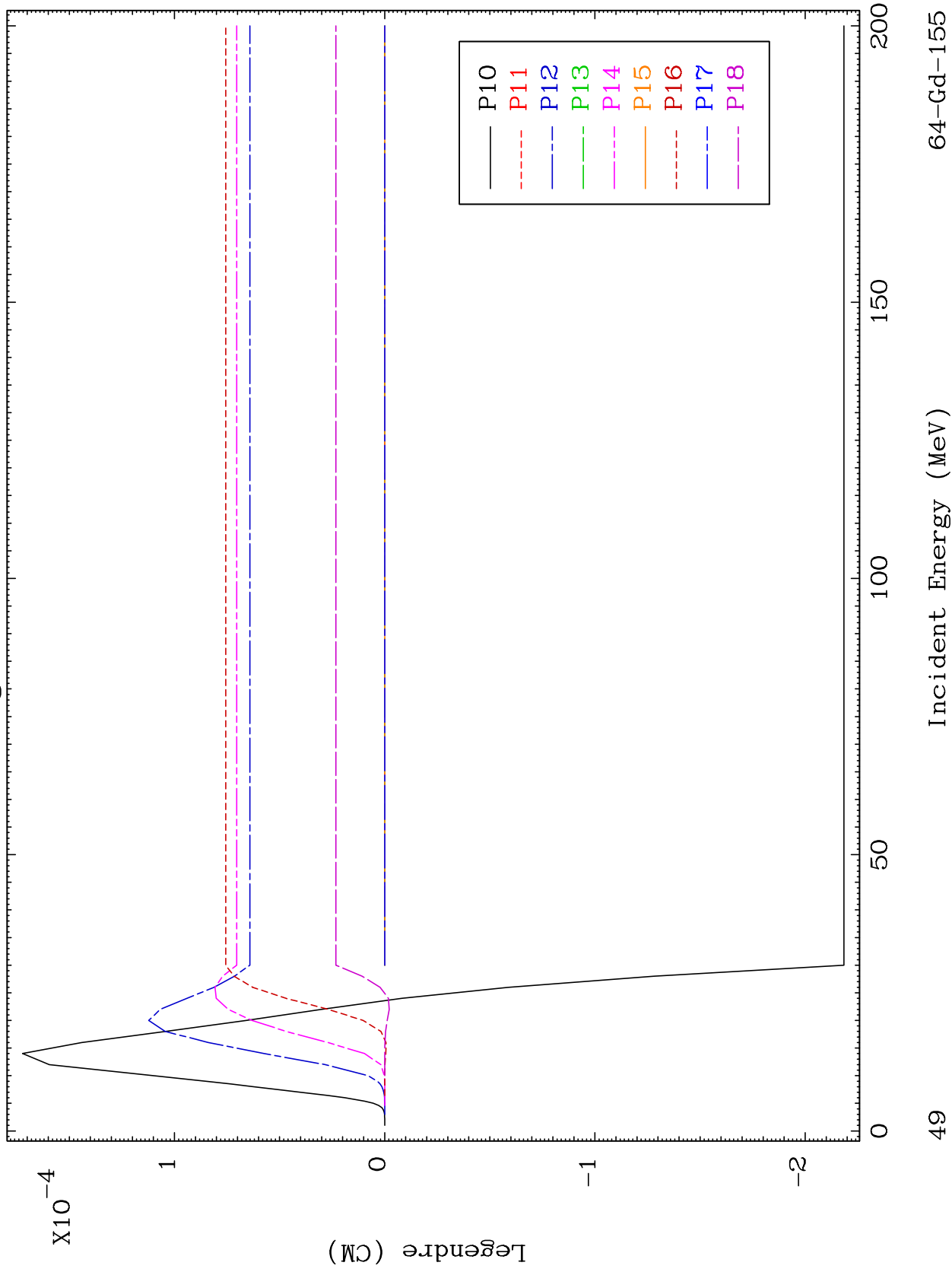




MAT 6434

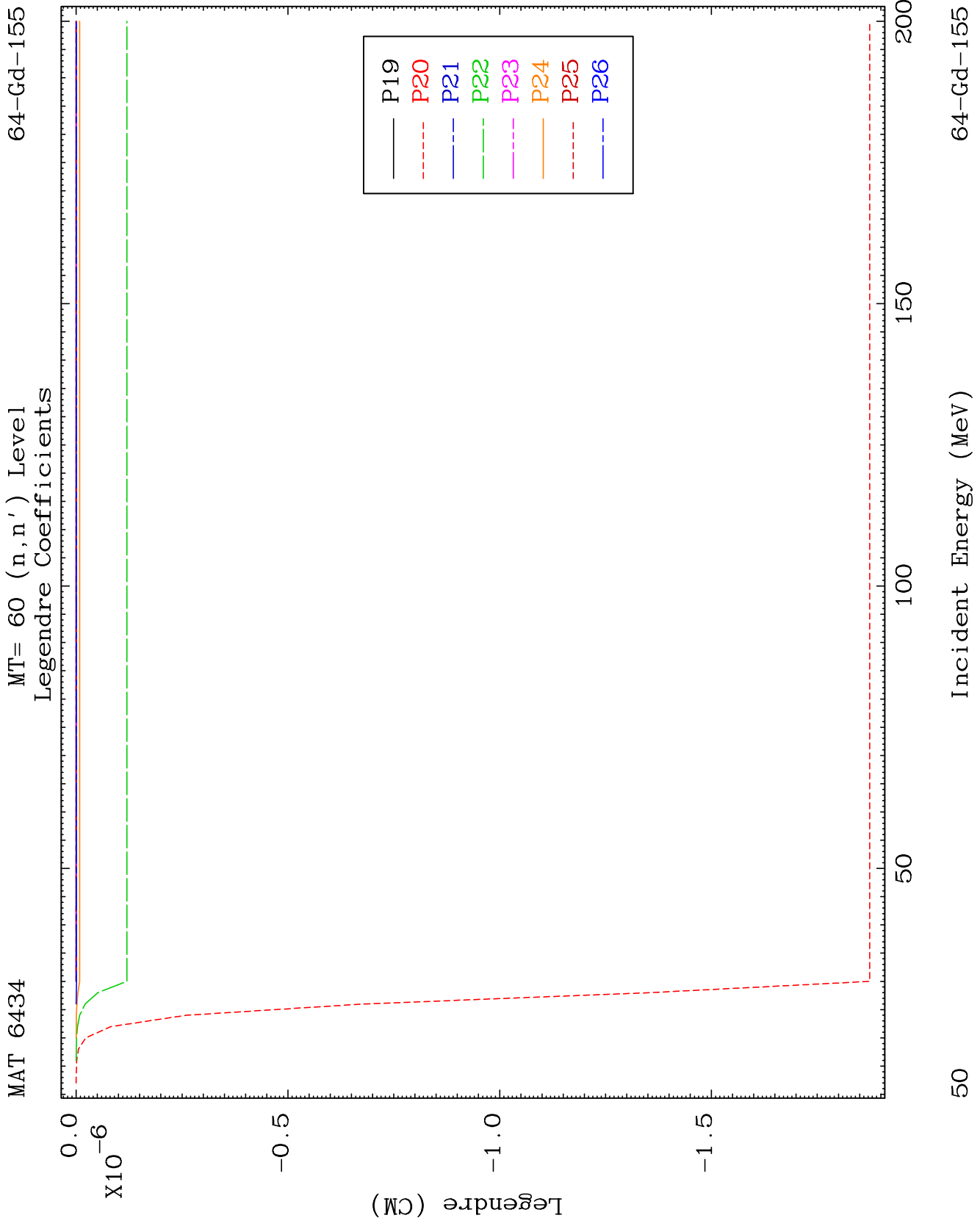
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Legendre Coefficients

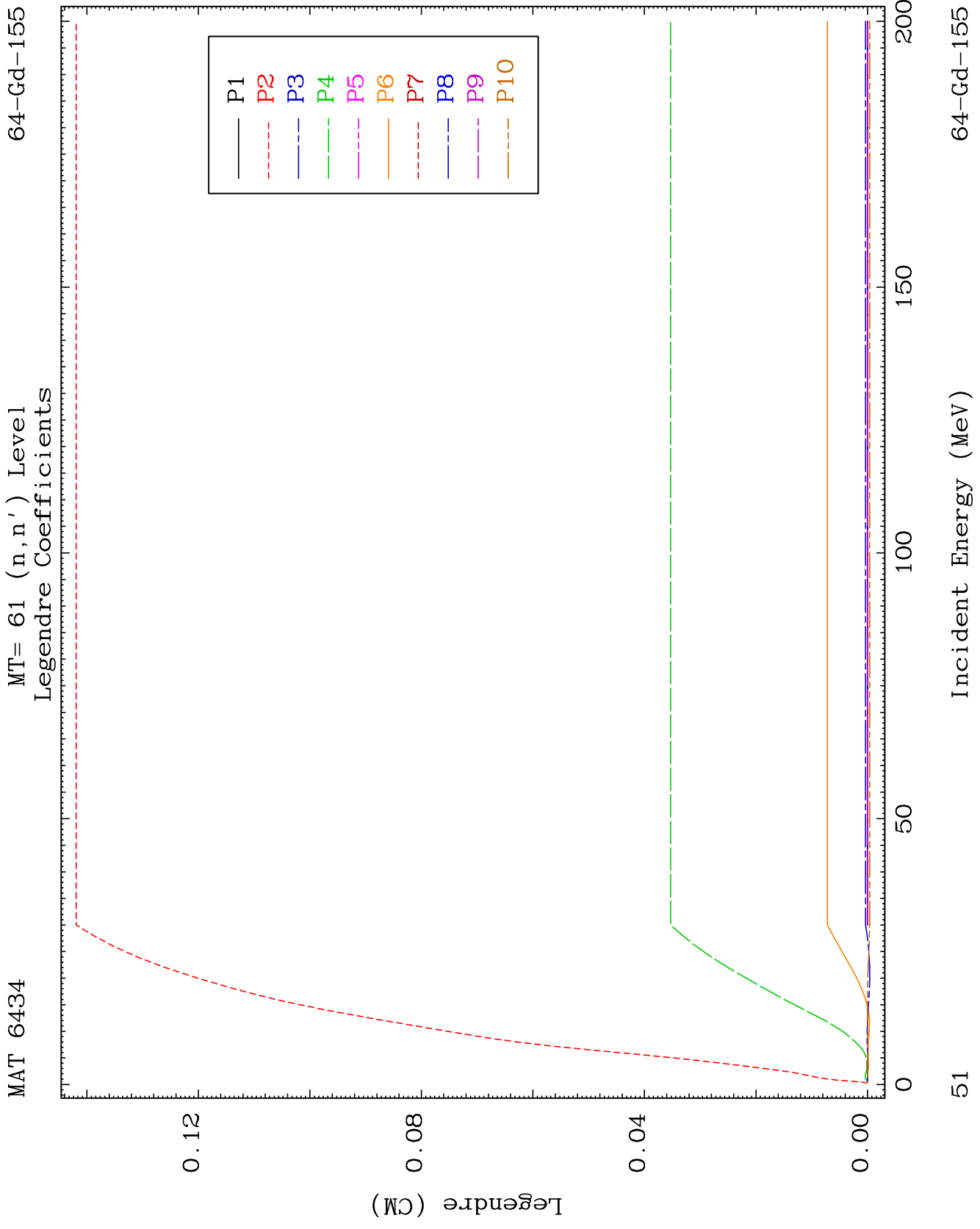
64-Gd-155



49

64-Gd-155

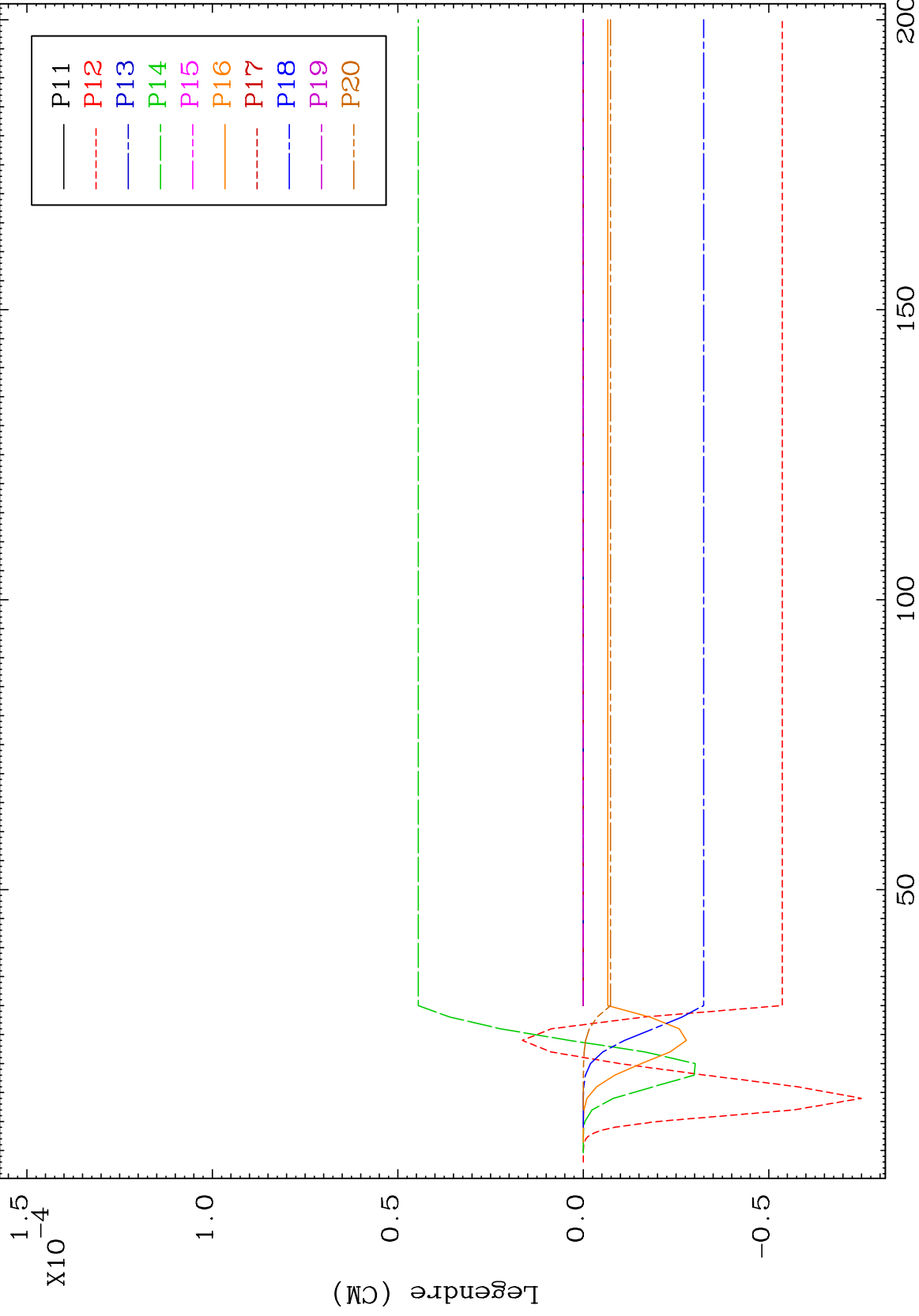




MAT 6434

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

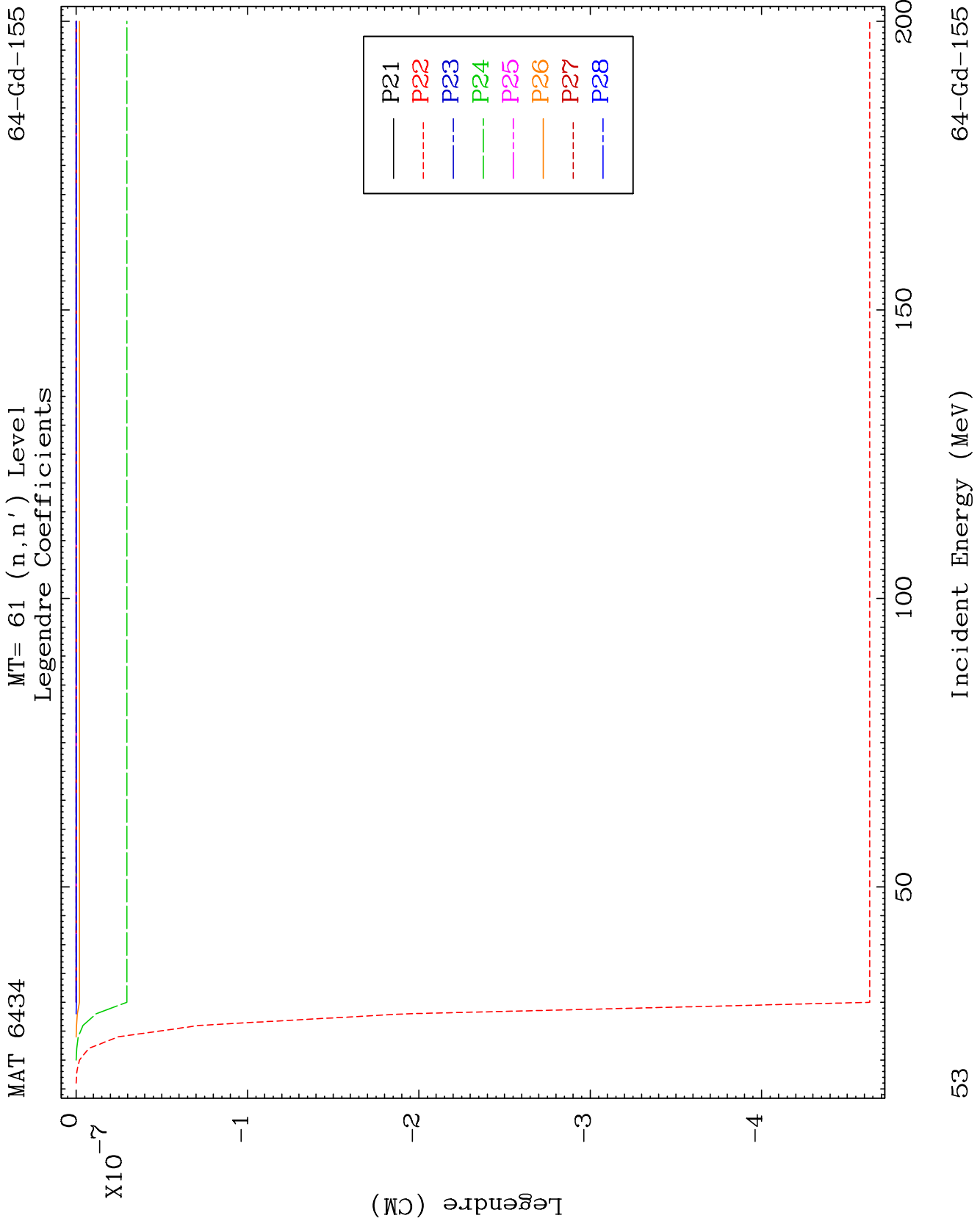
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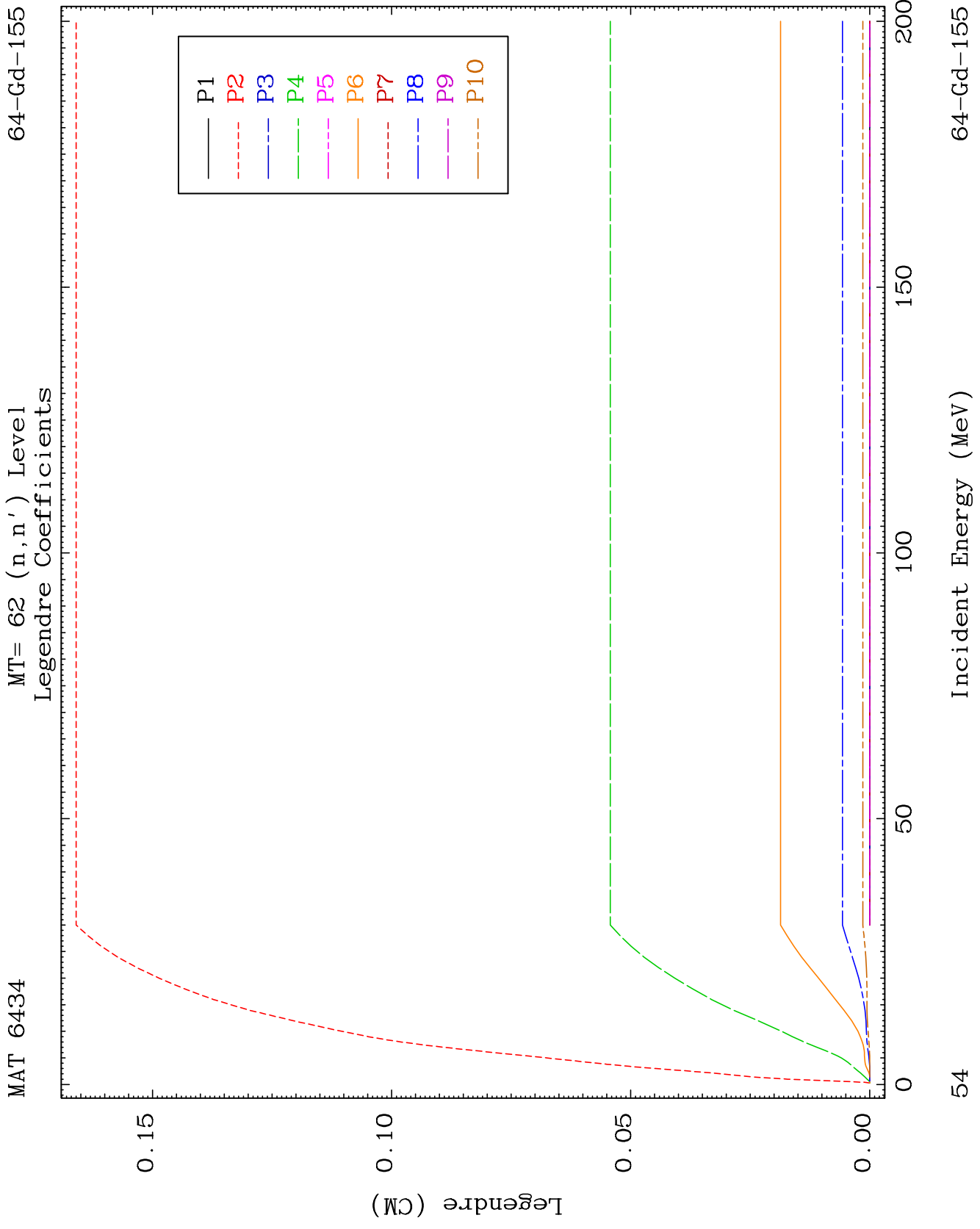


52

Incident Energy (MeV)

64-Gd-155

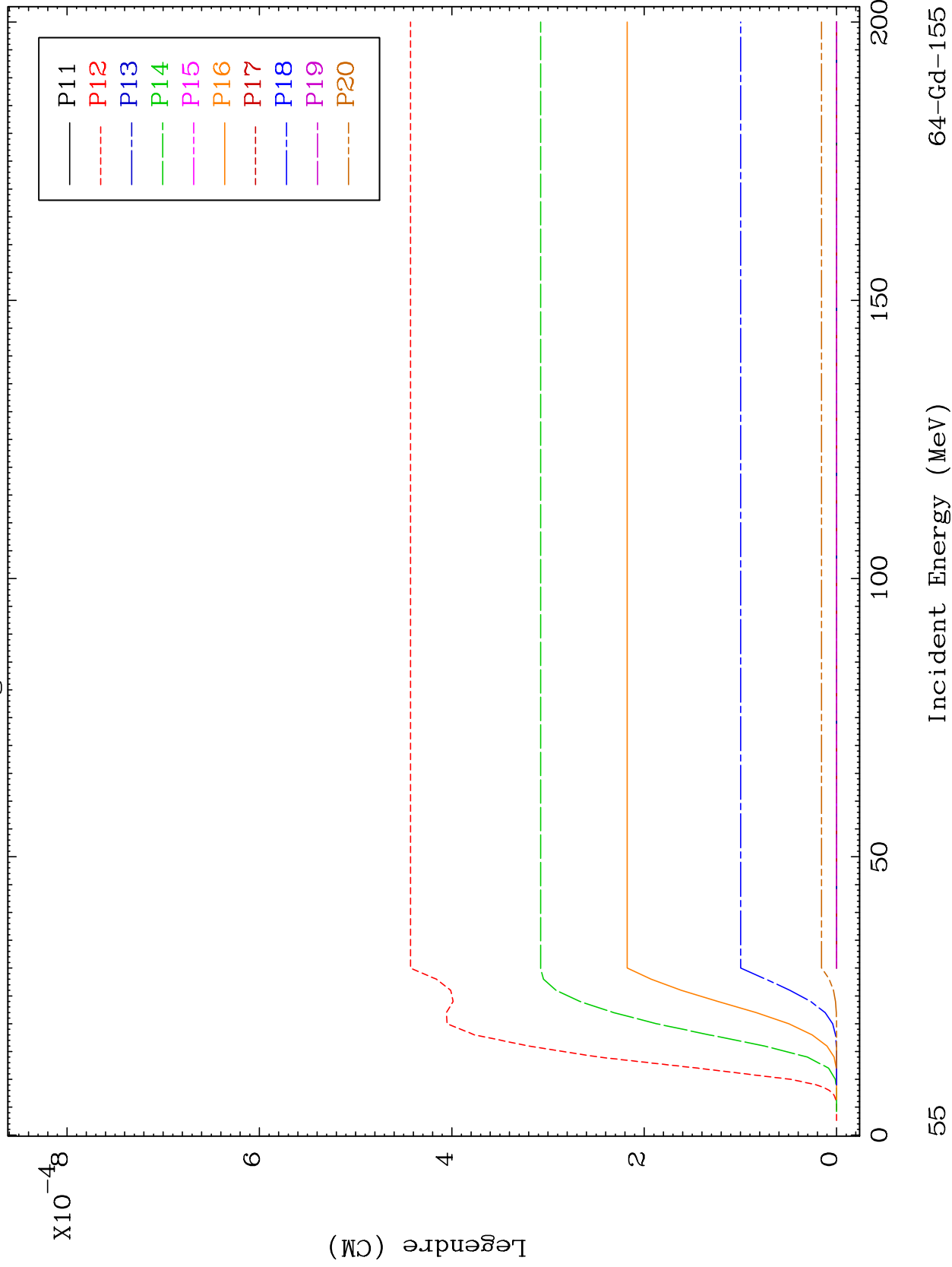




MAT 6434

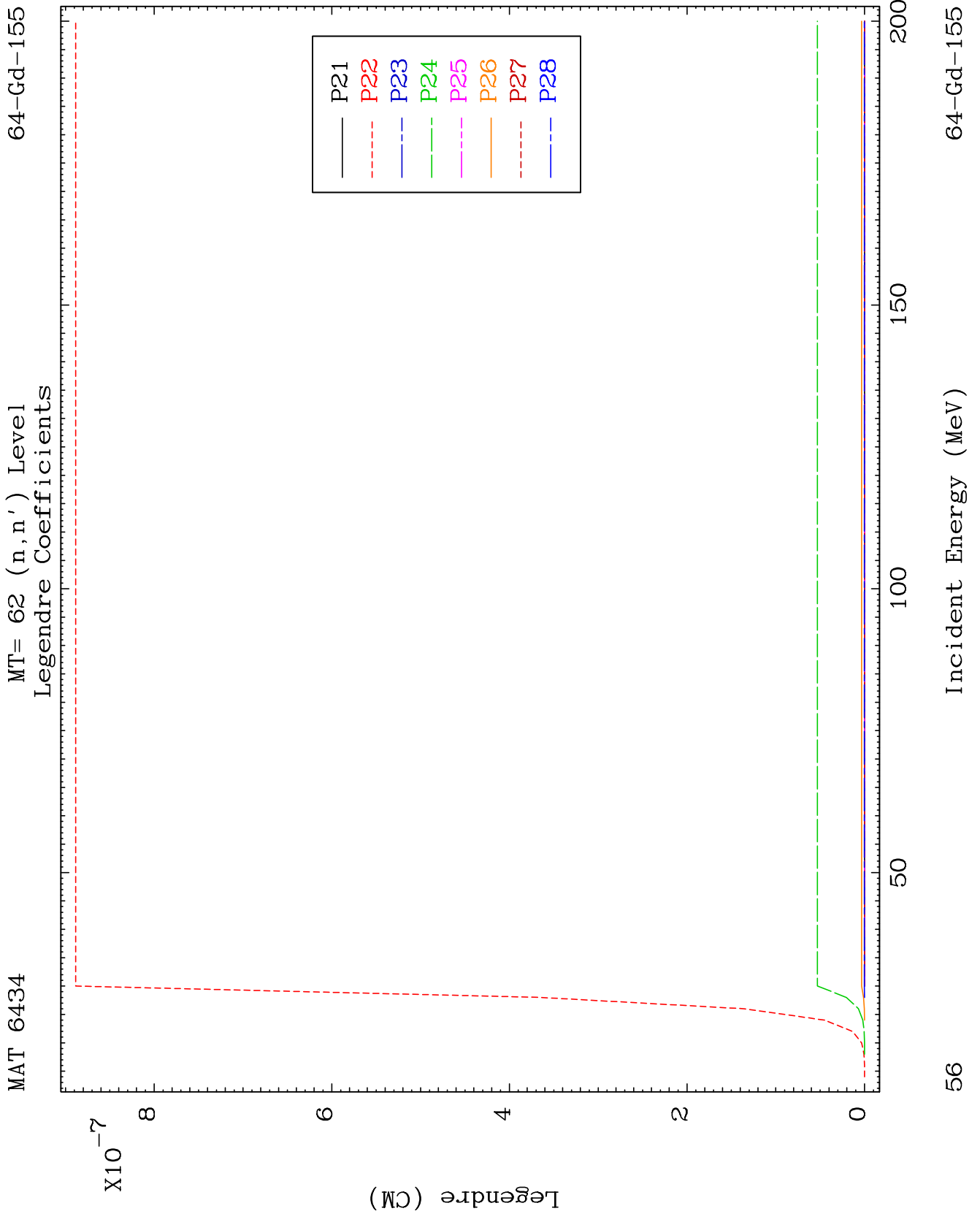
MT= 62 (n,n') Level
Legendre Coefficients

64-Gd-155



55

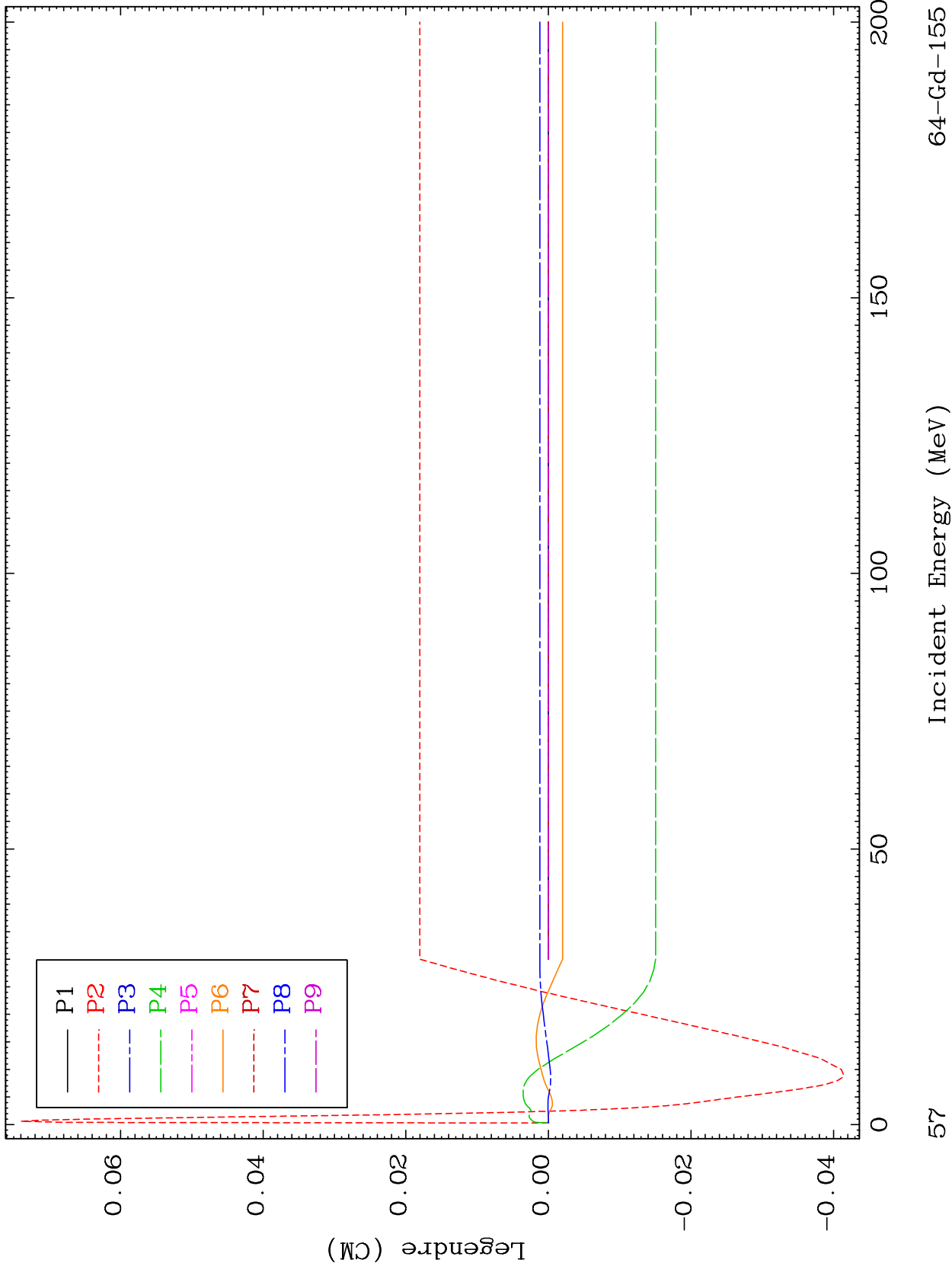
64-Gd-155



MAT 6434

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

64-Gd-155



57

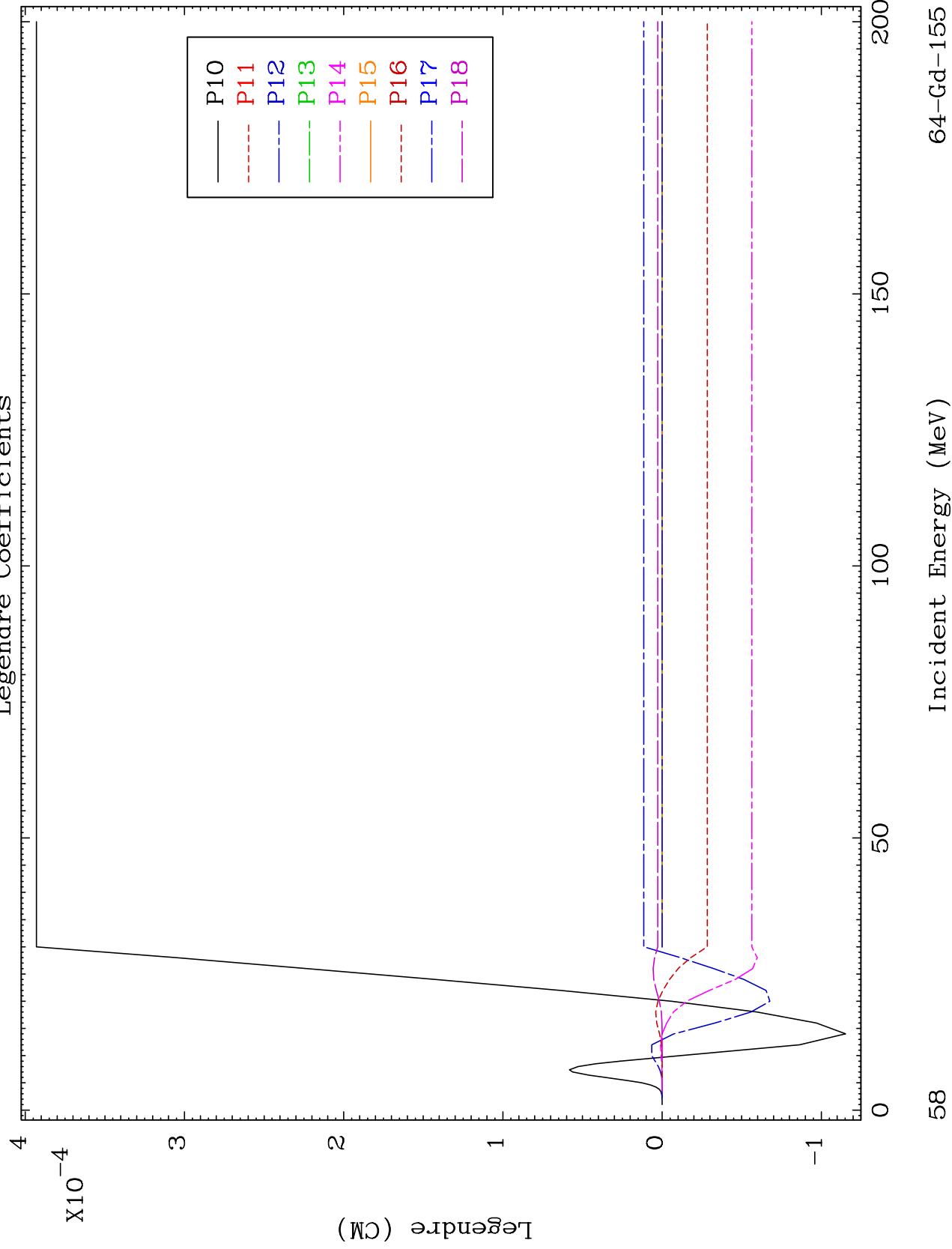
Incident Energy (MeV)

64-Gd-155

MAT 6434

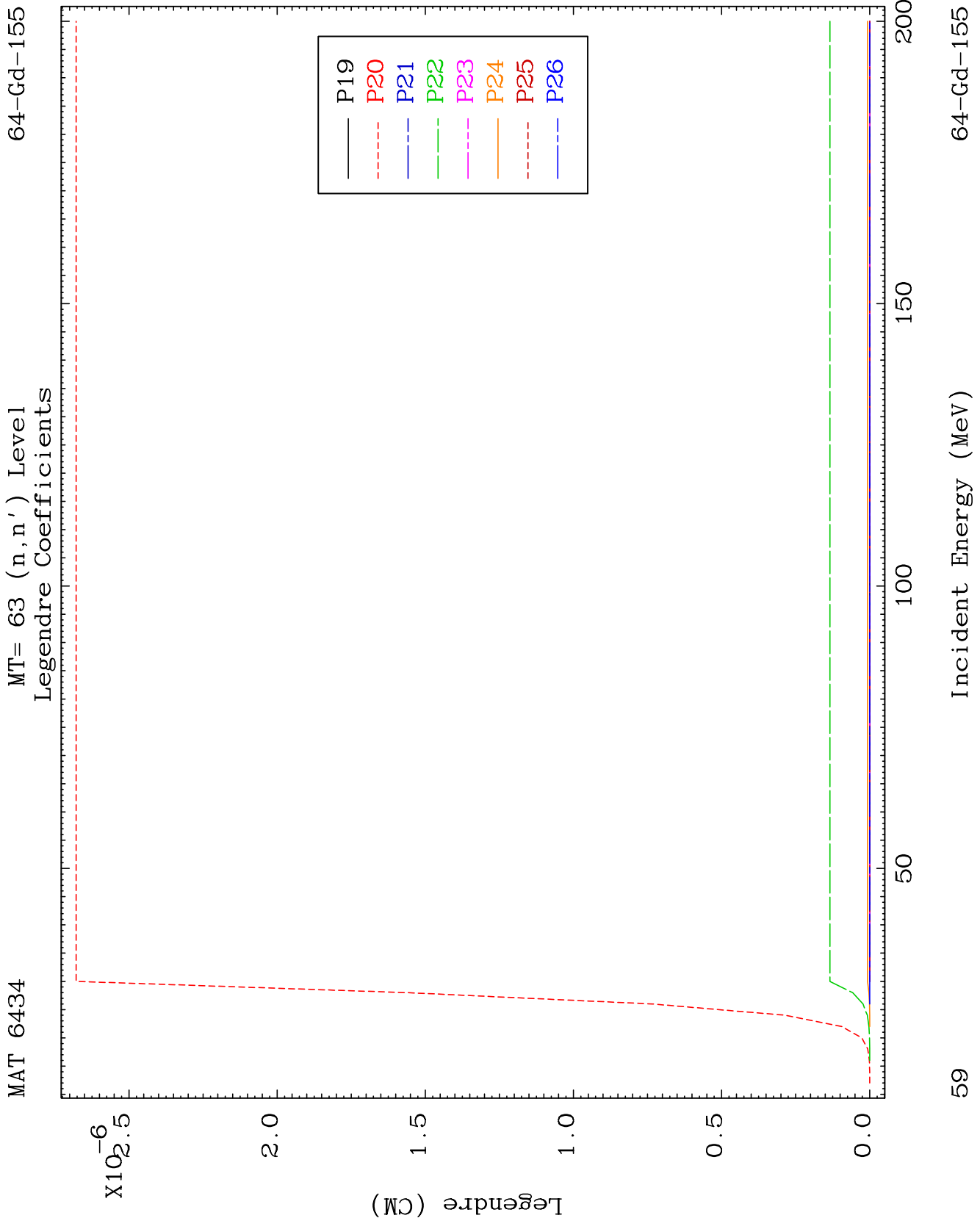
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Legendre Coefficients

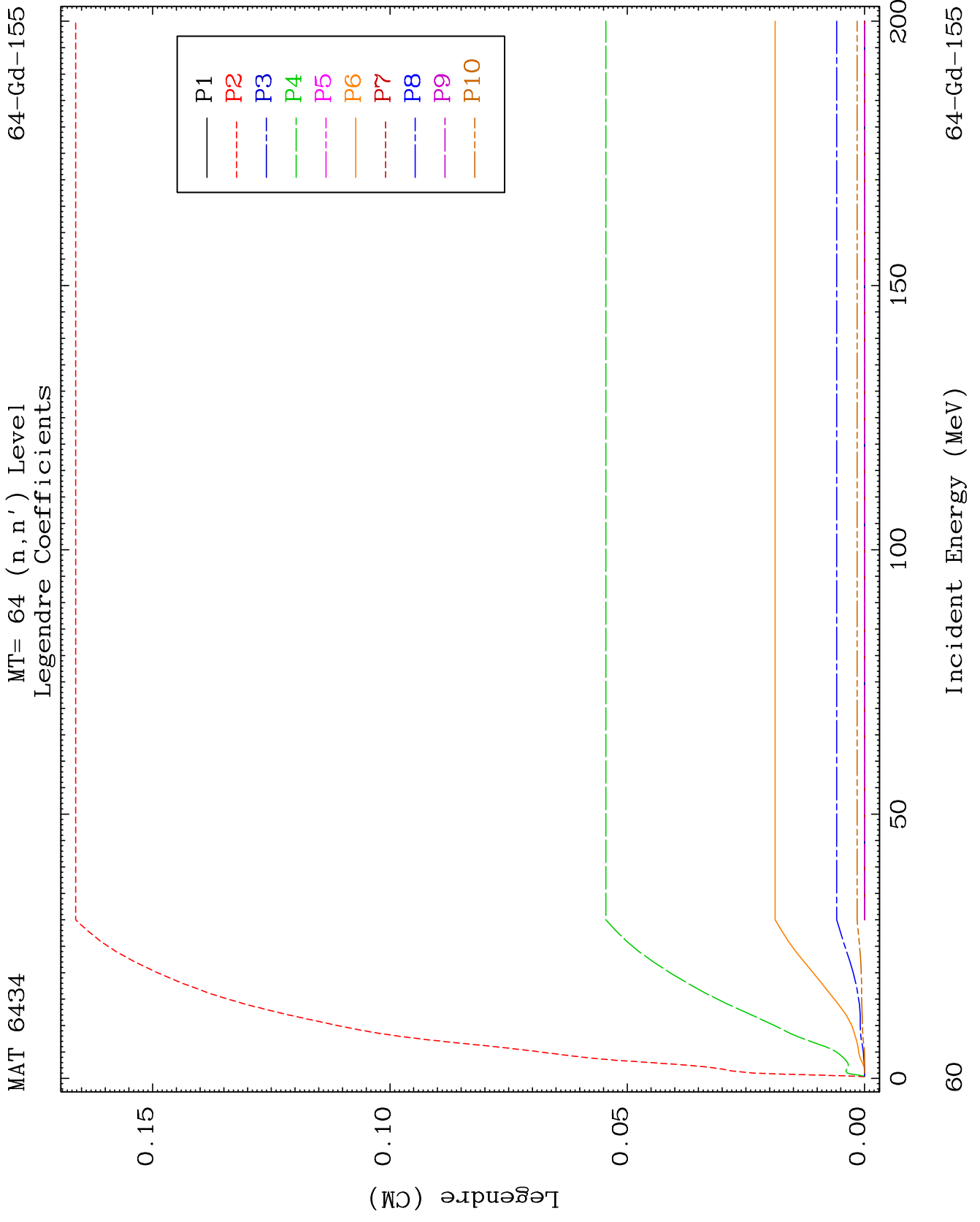
64-Gd-155



58

64-Gd-155

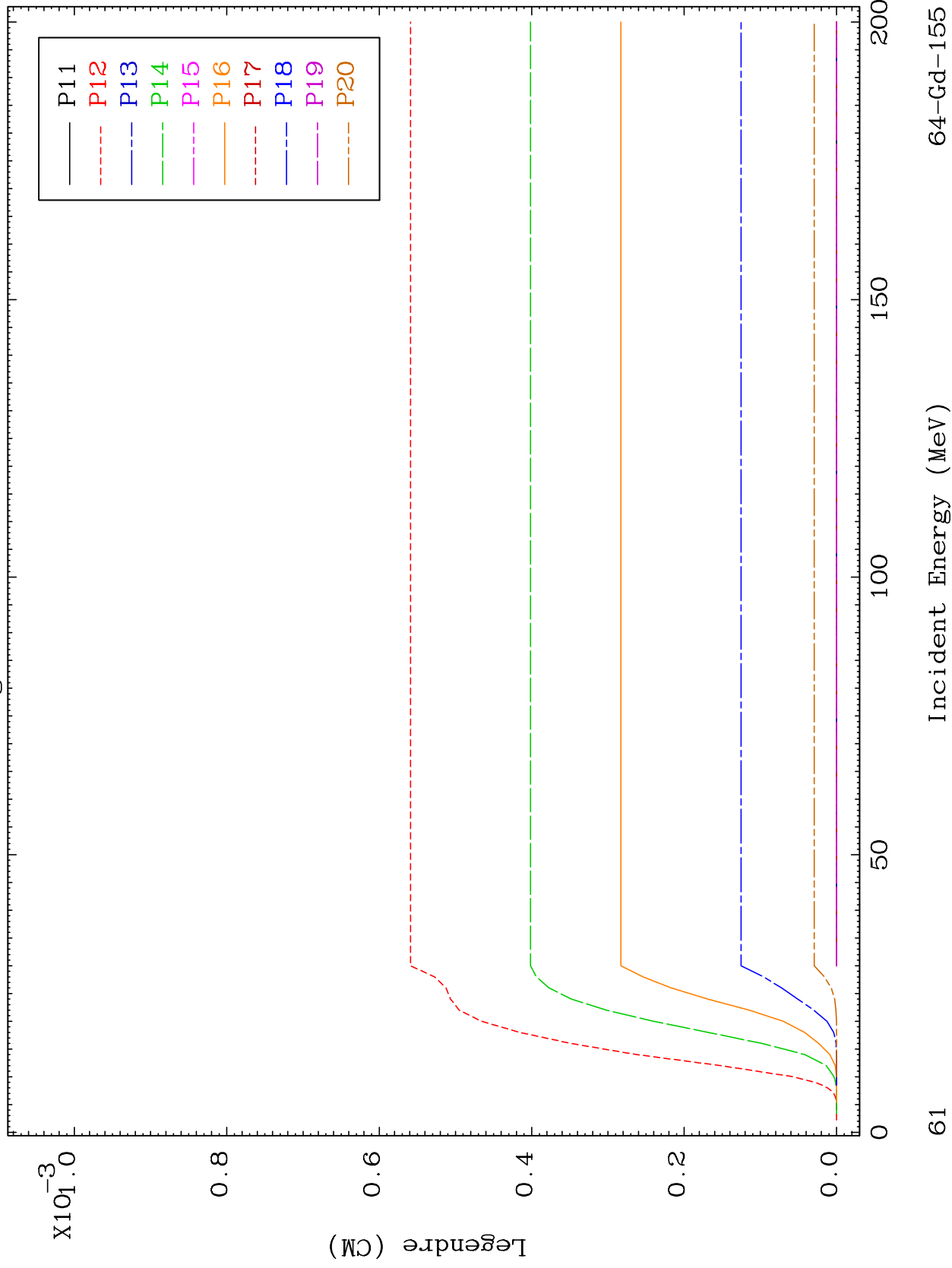


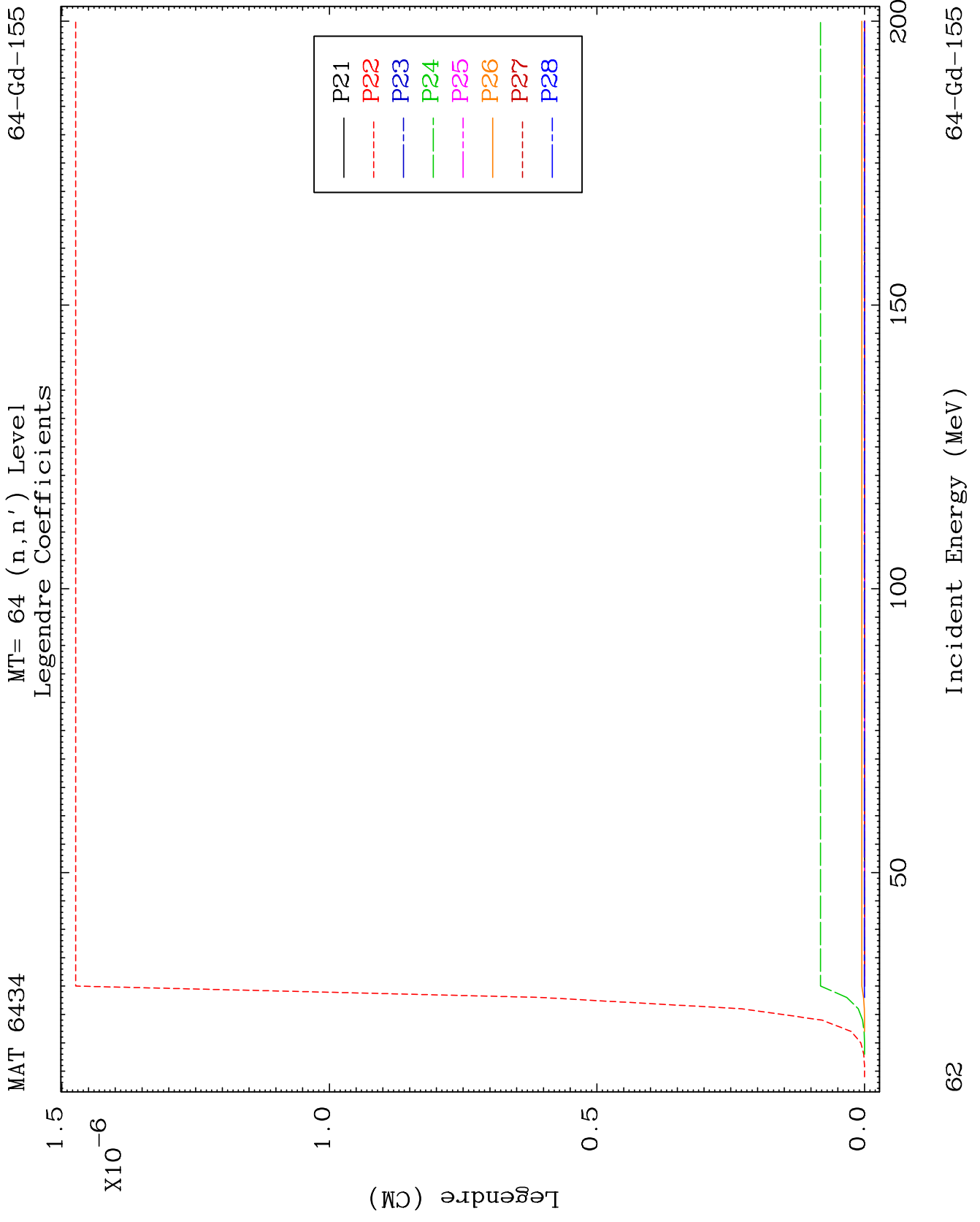


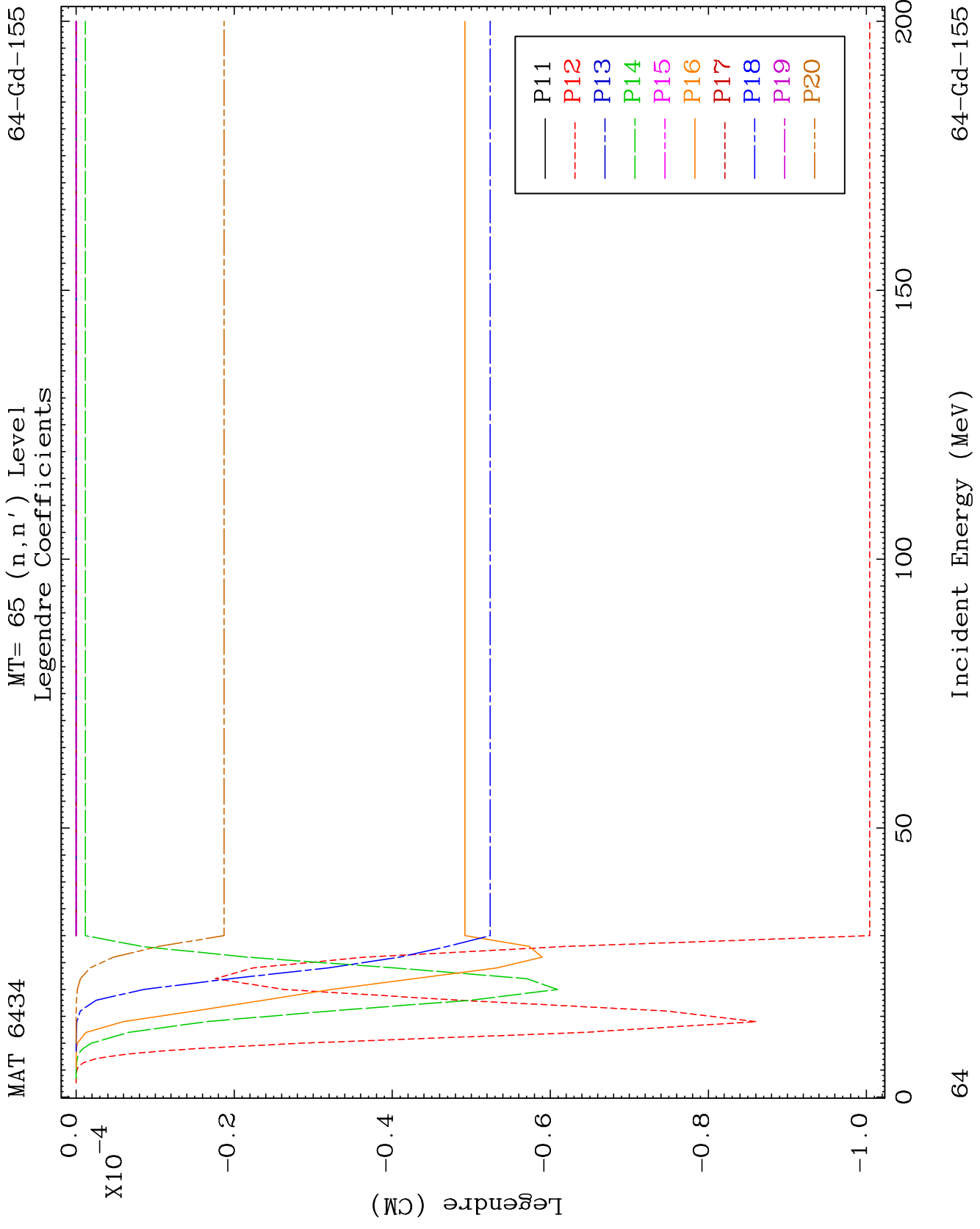
MAT 6434

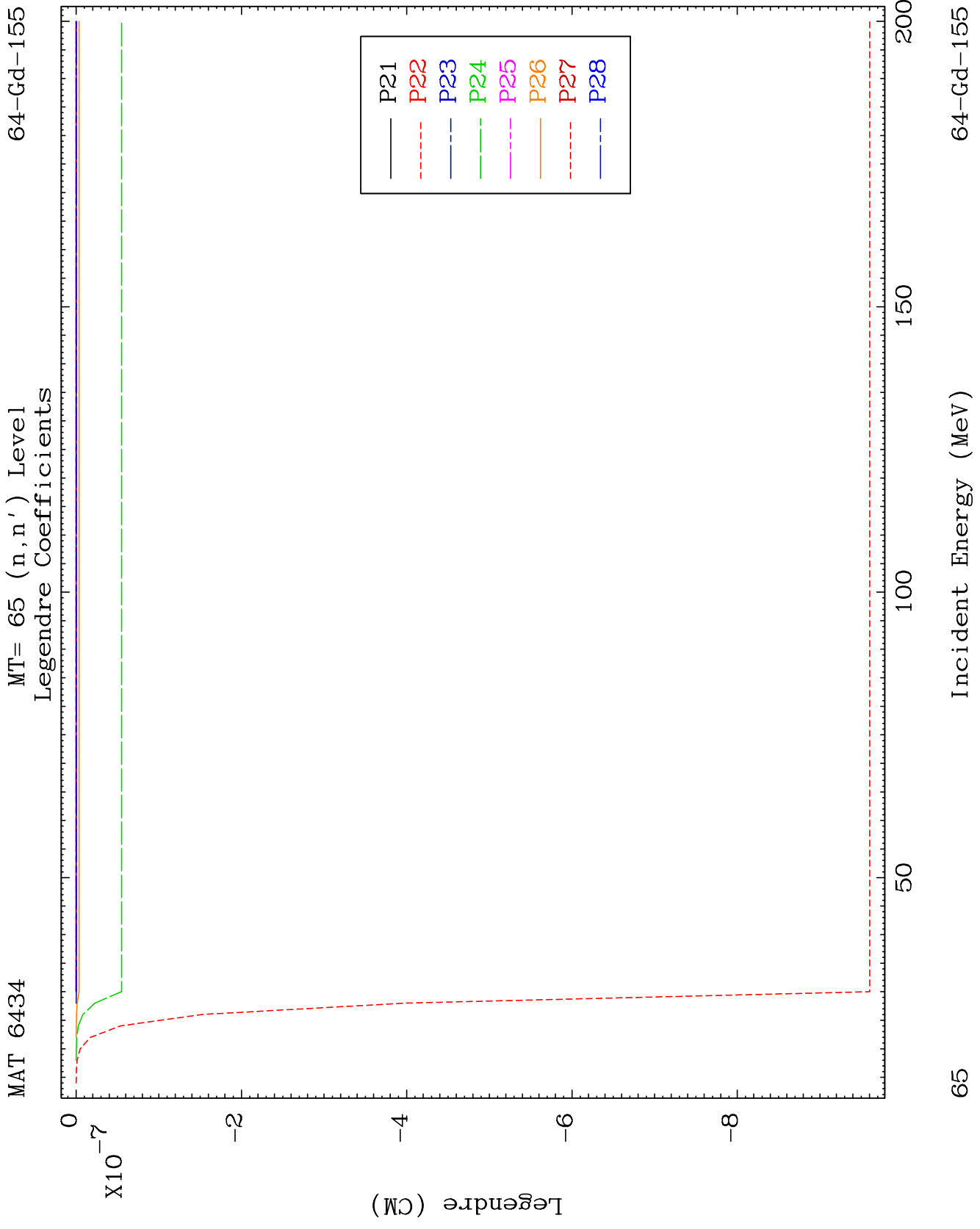
MT= 64 (n,n') Level
Legendre Coefficients

64-Gd-155





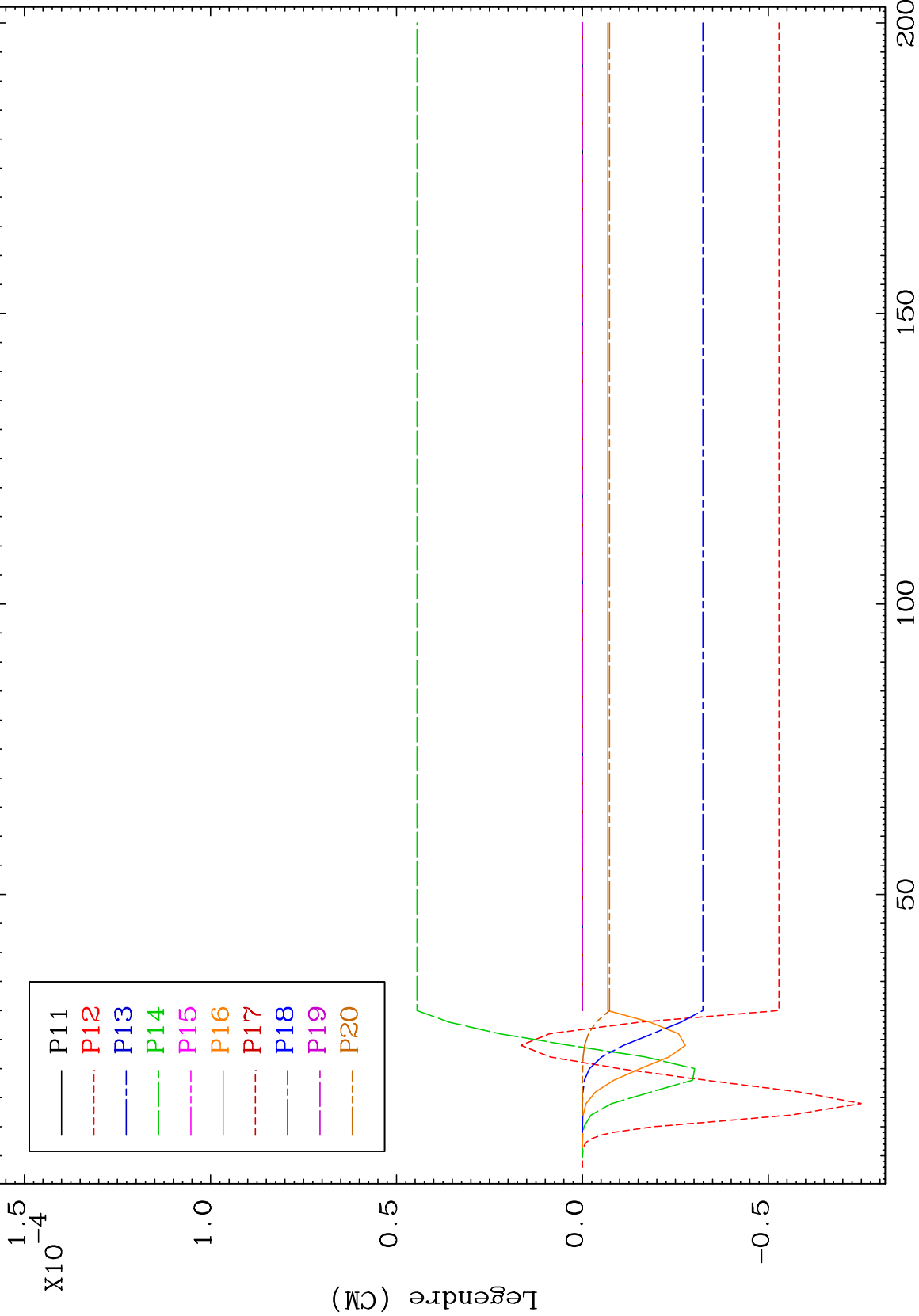




MAT 6434

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

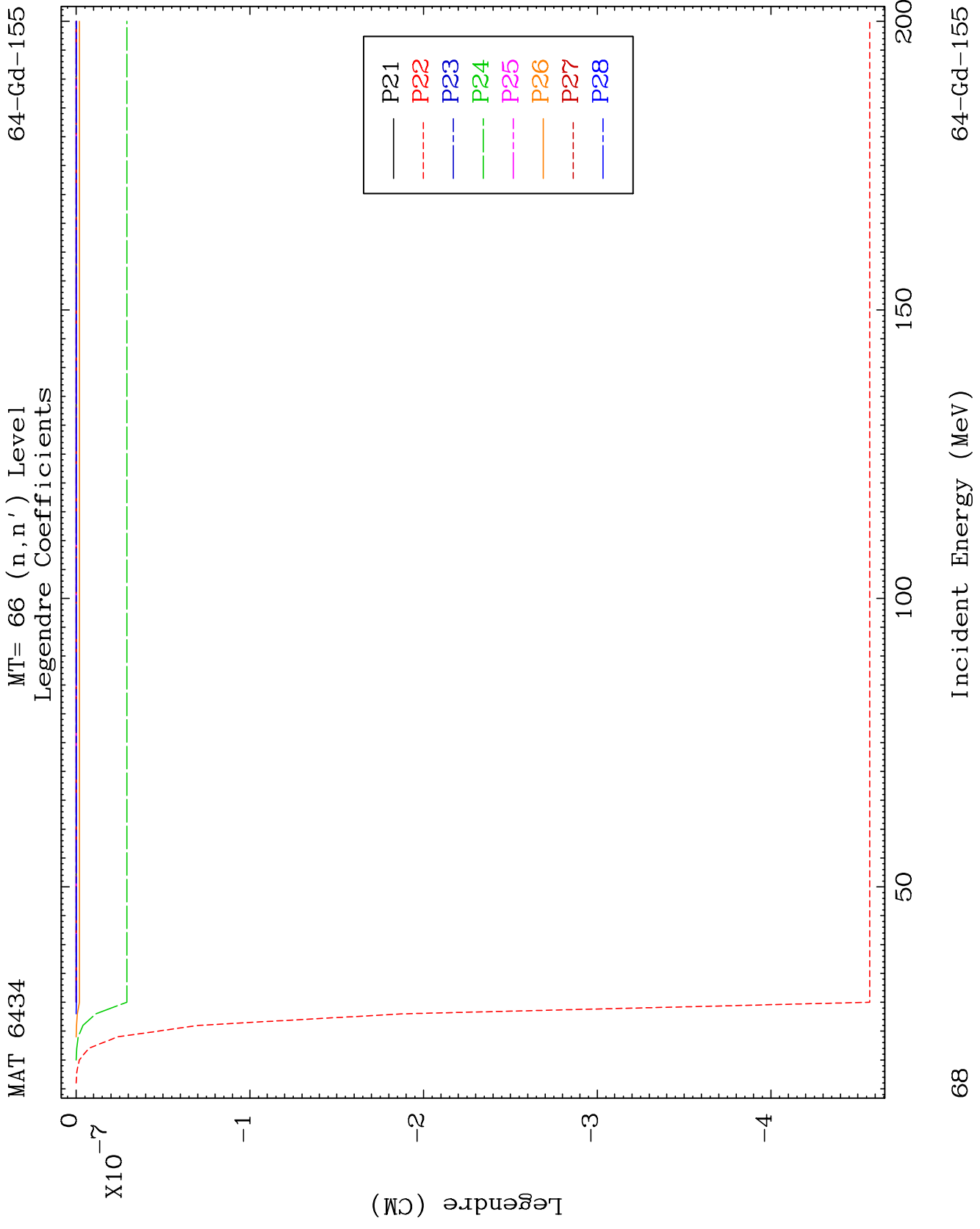
64-Gd-155



67

Incident Energy (MeV)

64-Gd-155

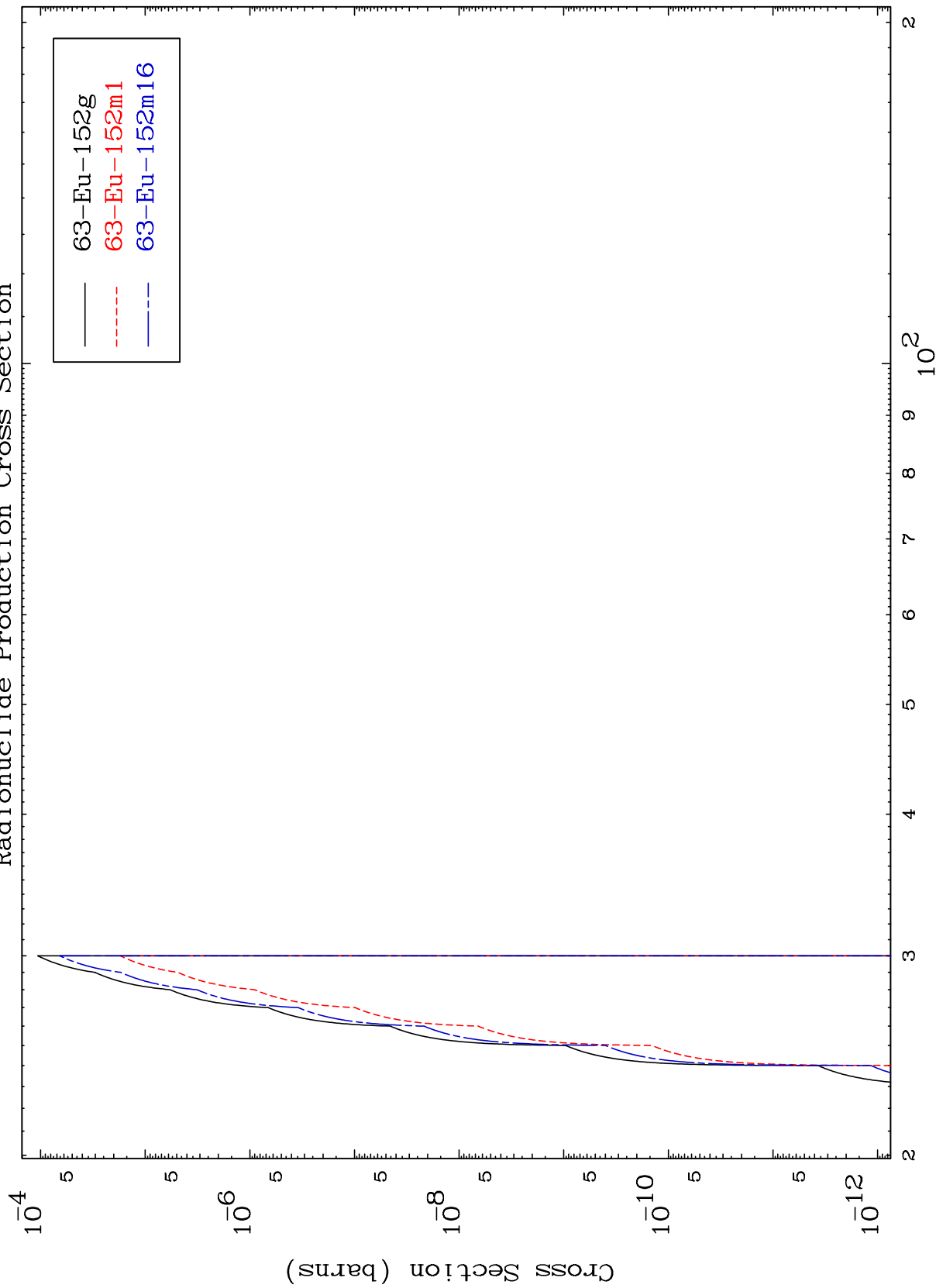


MAT 6434

(n,2n) d

64-Gd-155

Radionuclide Production Cross Section



69

Incident Energy (MeV)

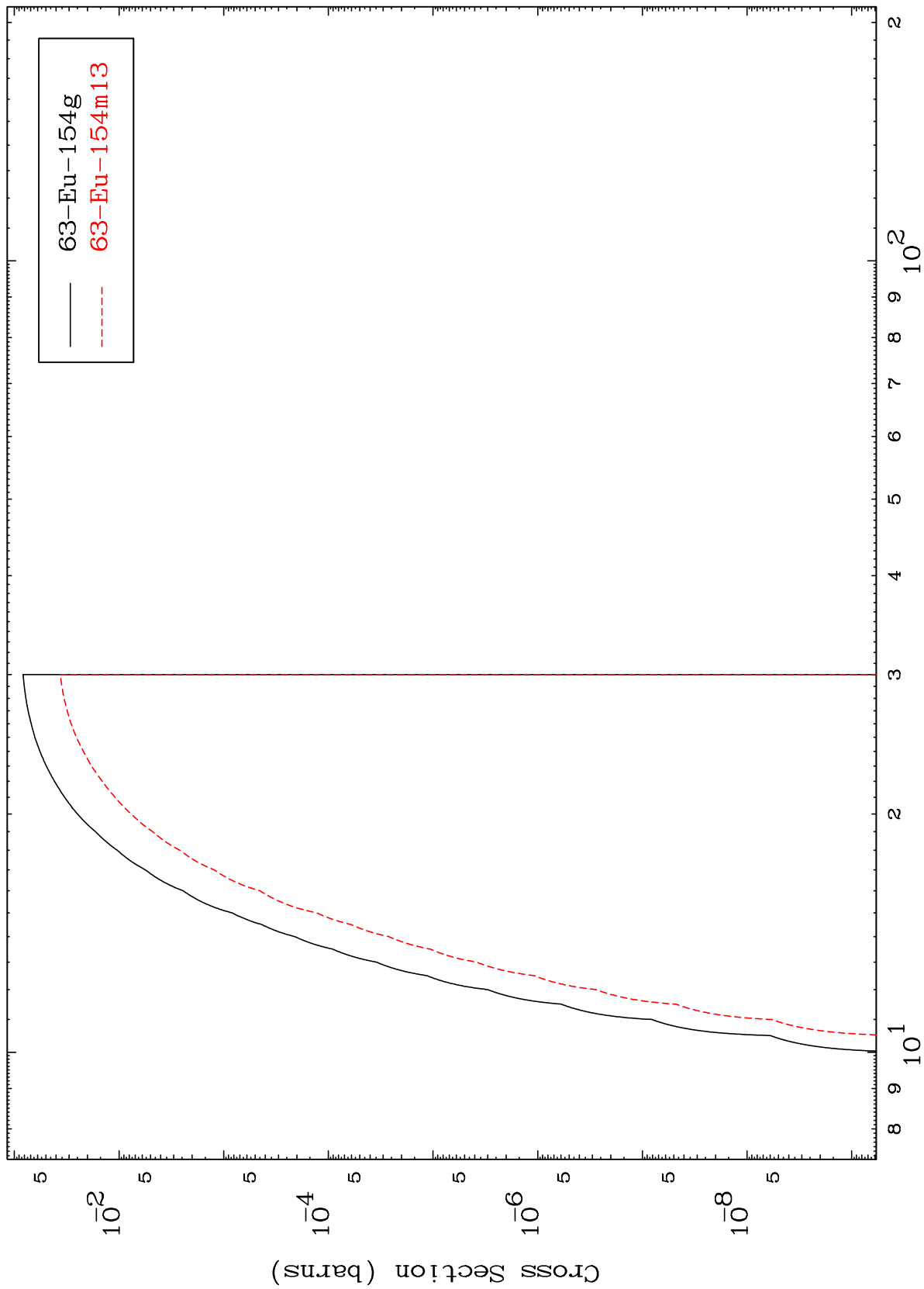
64-Gd-155

MAT 6434

(n,n') p

64-Gd-155

Radionuclide Production Cross Section

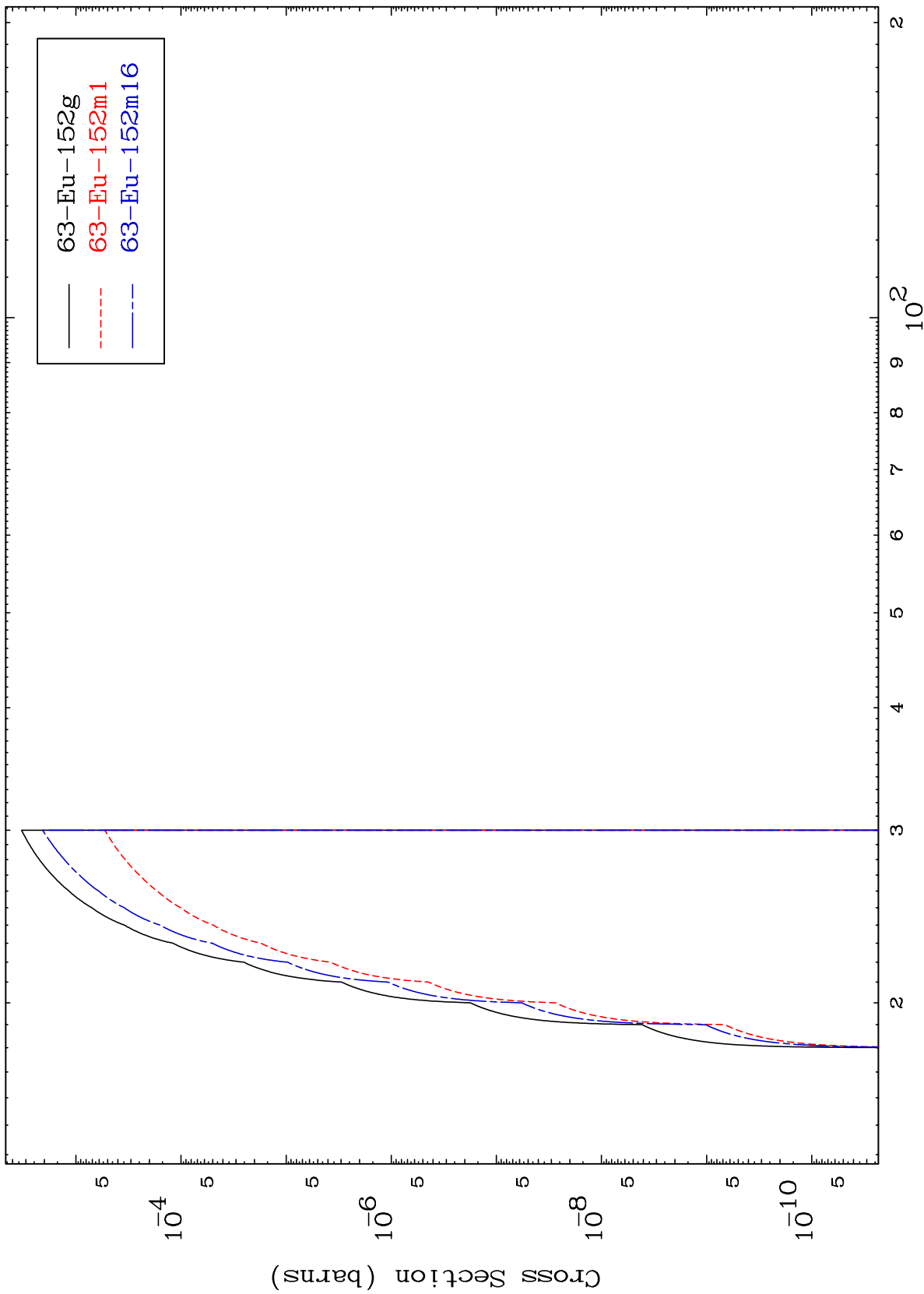


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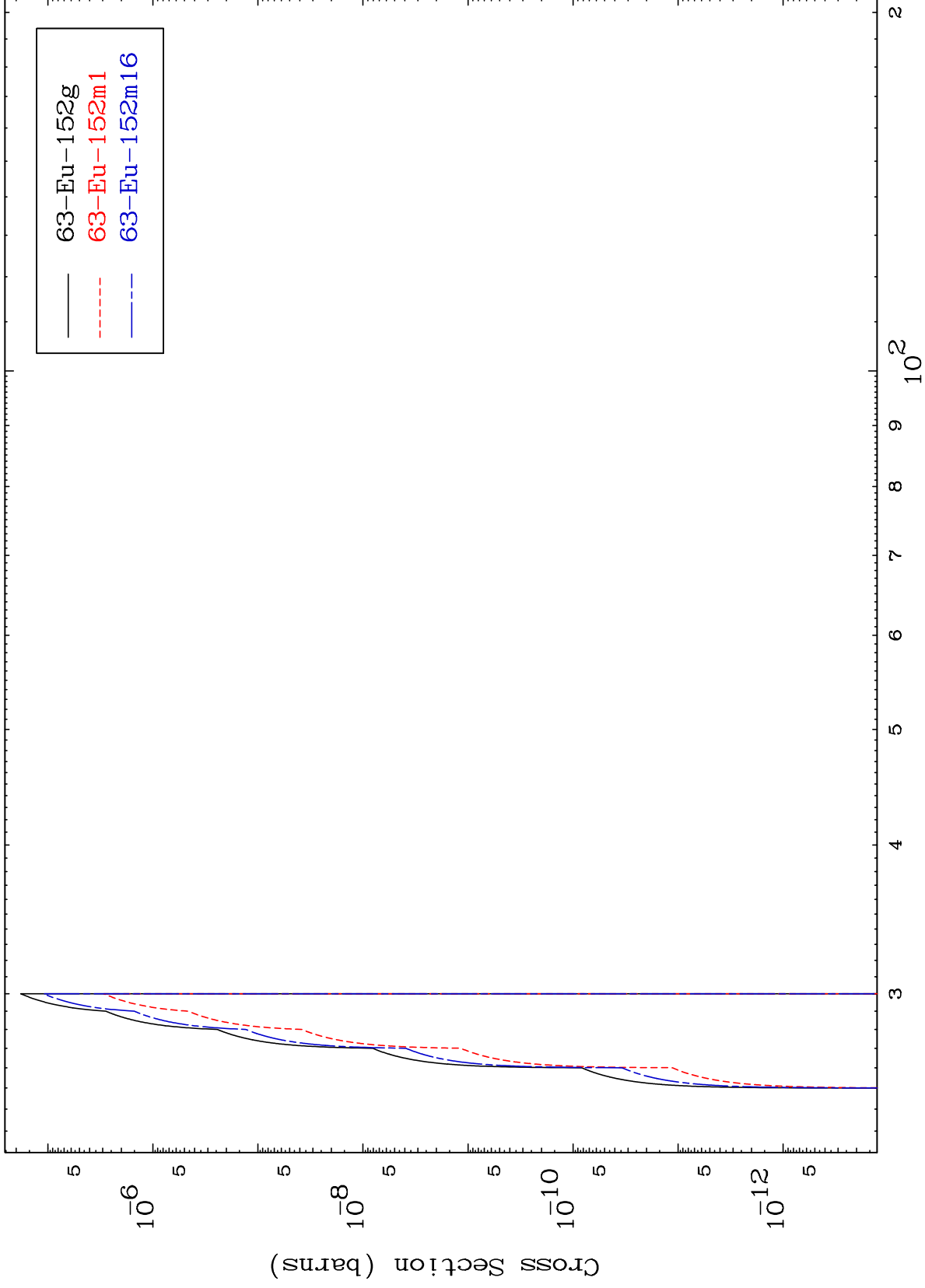
Incident Energy (MeV)

64-Gd-155

Radionuclide Production Cross Section



Radionuclide Production Cross Section

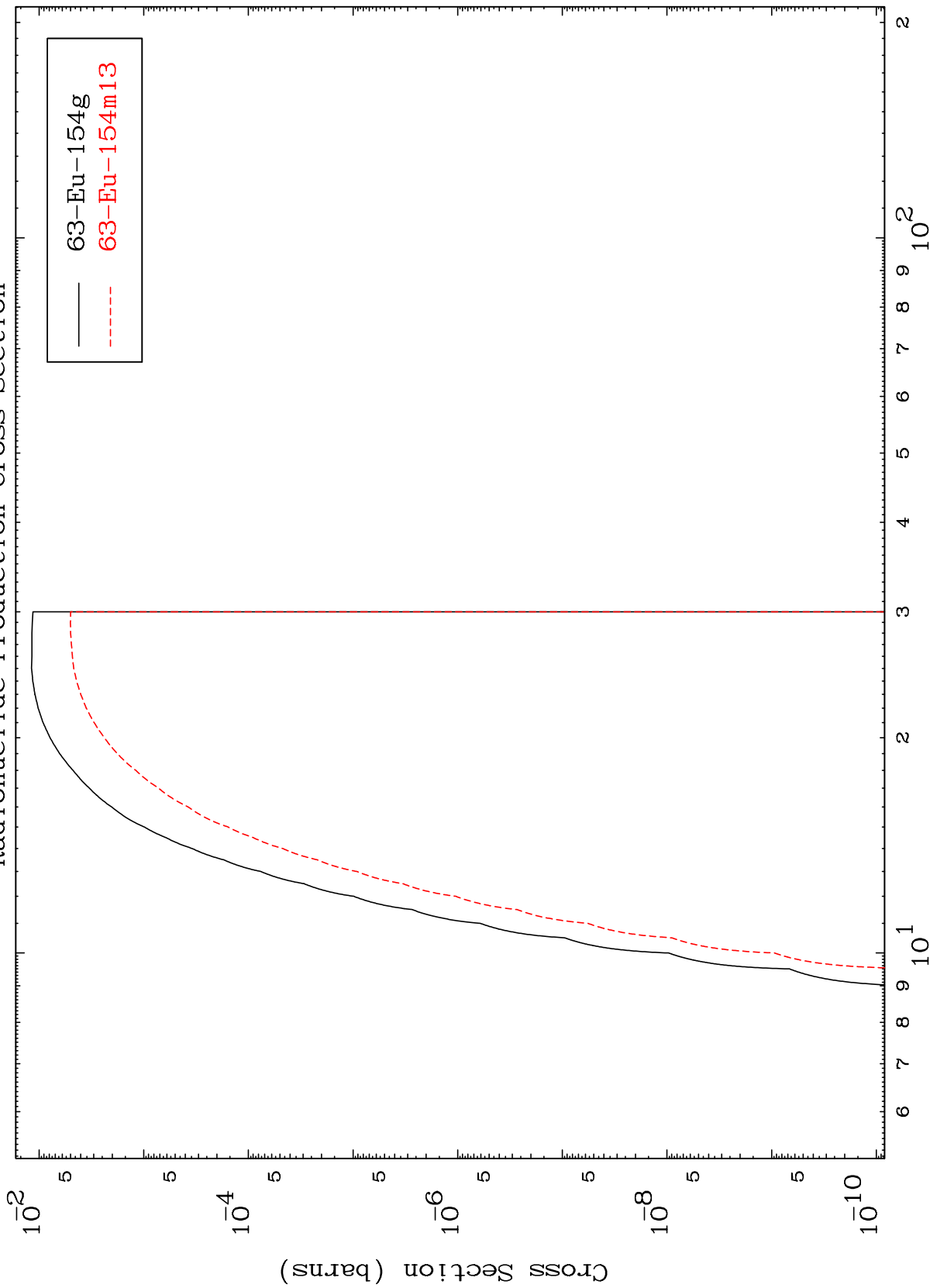


MAT 6434

(n,d)

64-Gd-155

Radionuclide Production Cross Section



73

Incident Energy (MeV)

64-Gd-155