

Program EVALPLOT  
(Version 2021-1)

by

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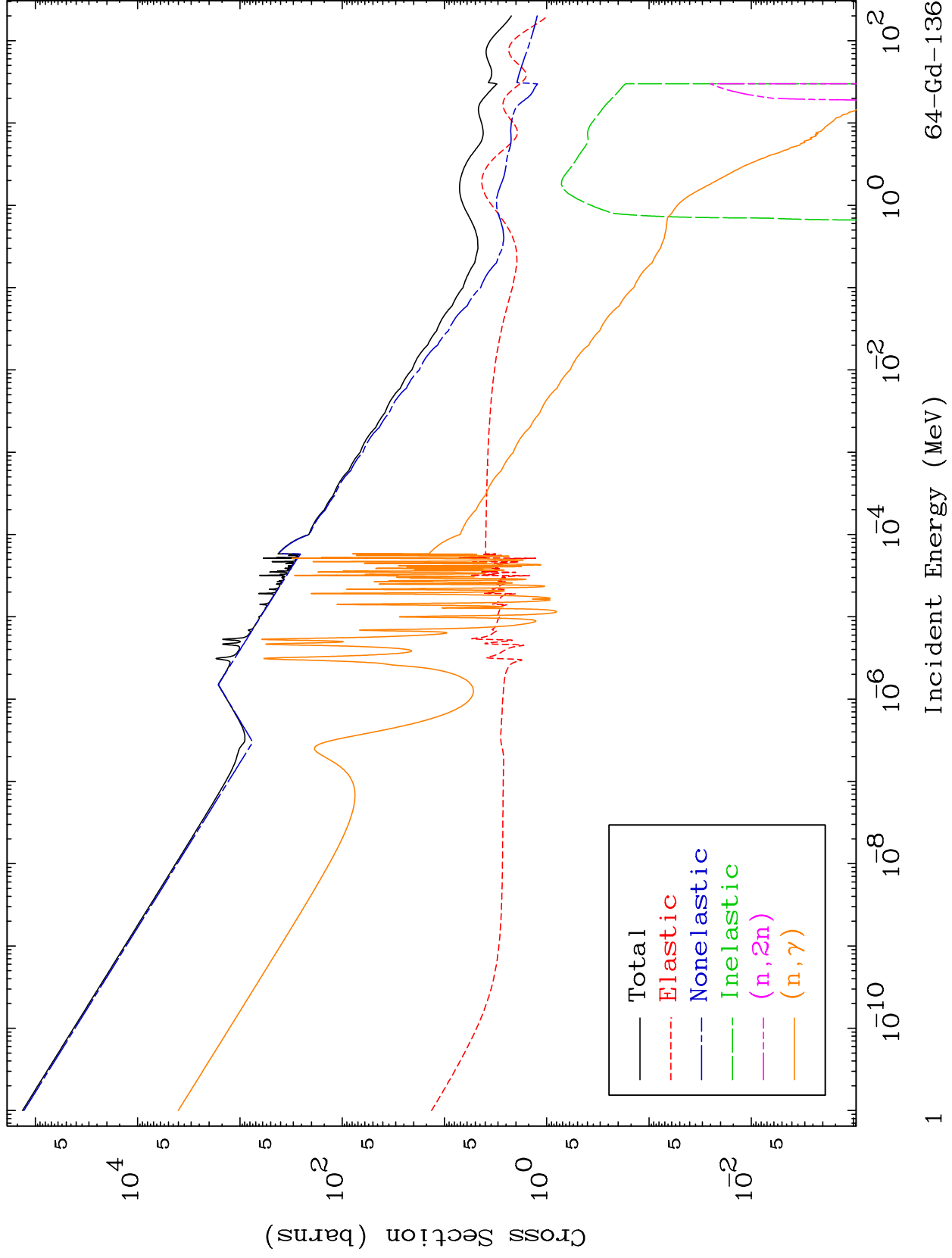
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Press Mouse Button to Start

MAT 6377

Neutron Major  
293 Kelvin Cross Sections

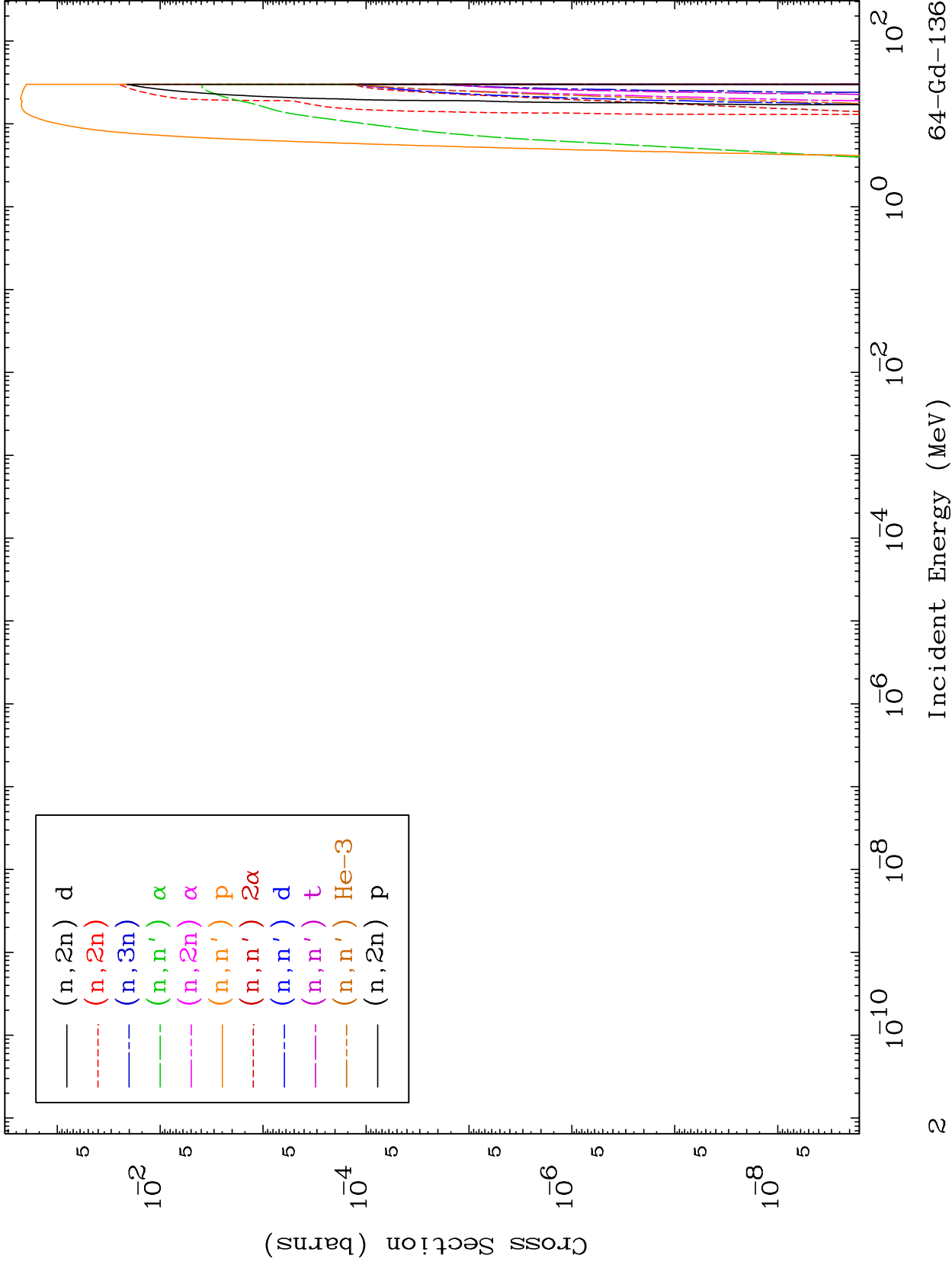
64-Gd-136

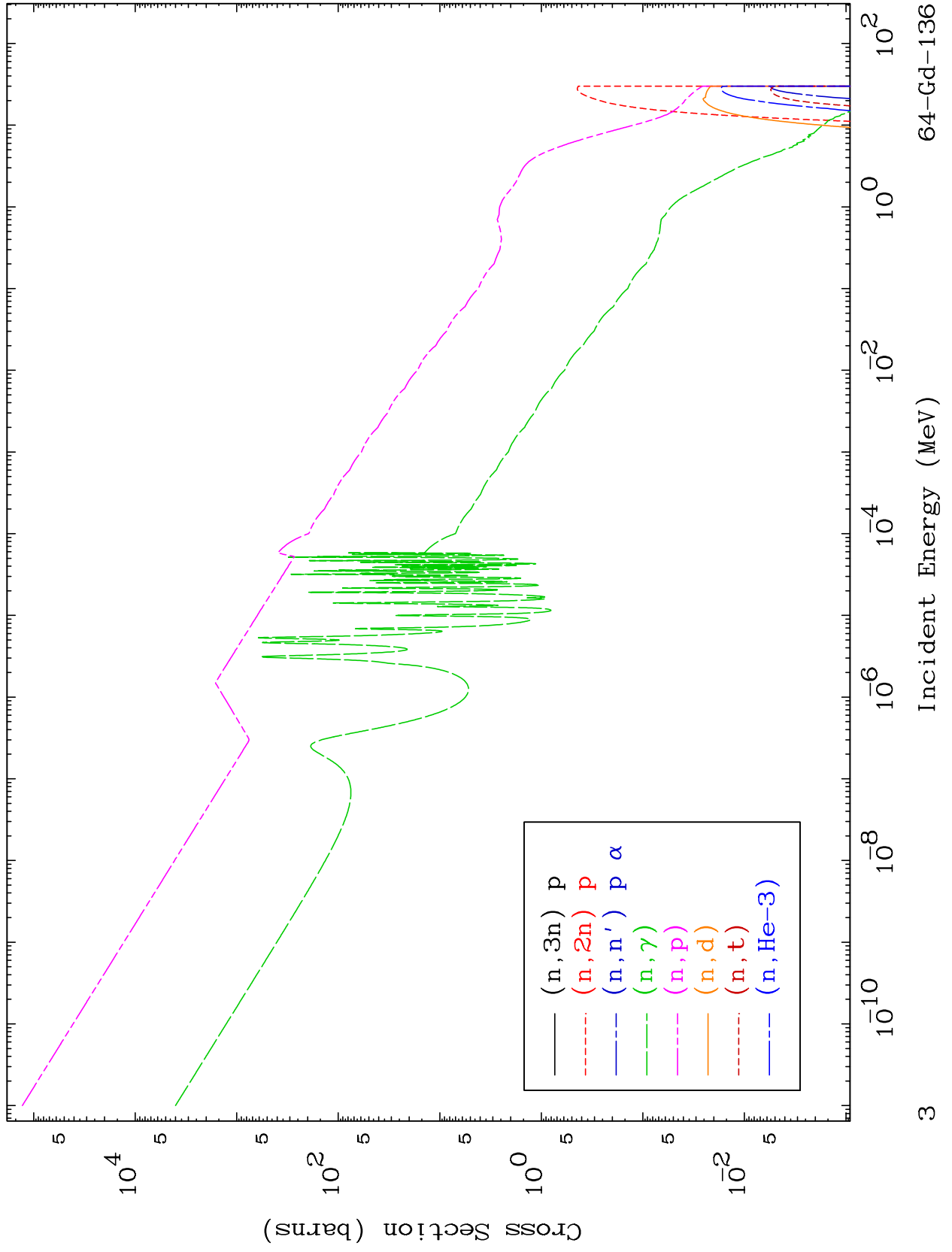


MAT 6377

Neutron Absorption  
293 Kelvin Cross Sections

64-Gd-136

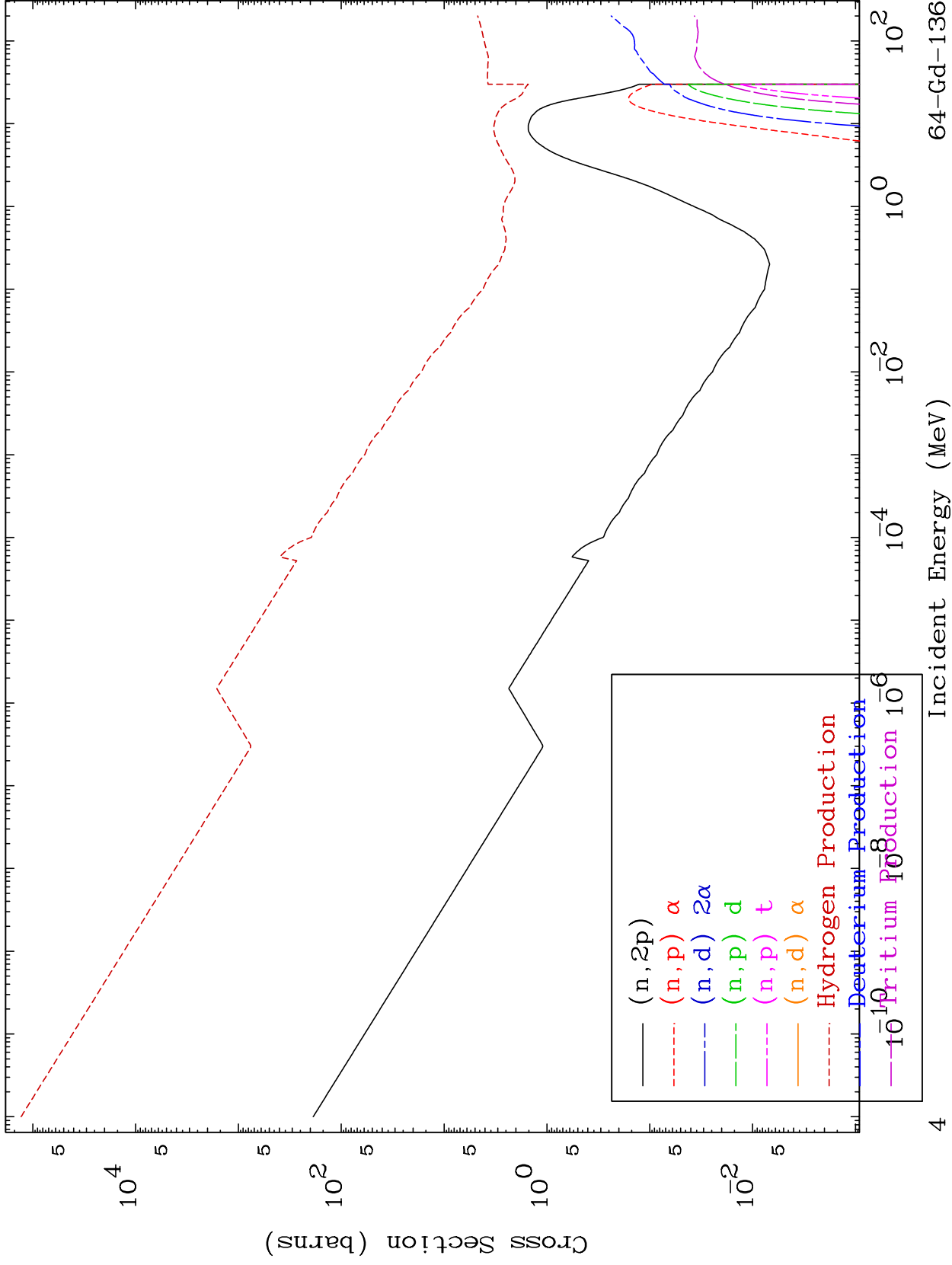




MAT 6377

Neutron Absorption  
293 Kelvin Cross Sections

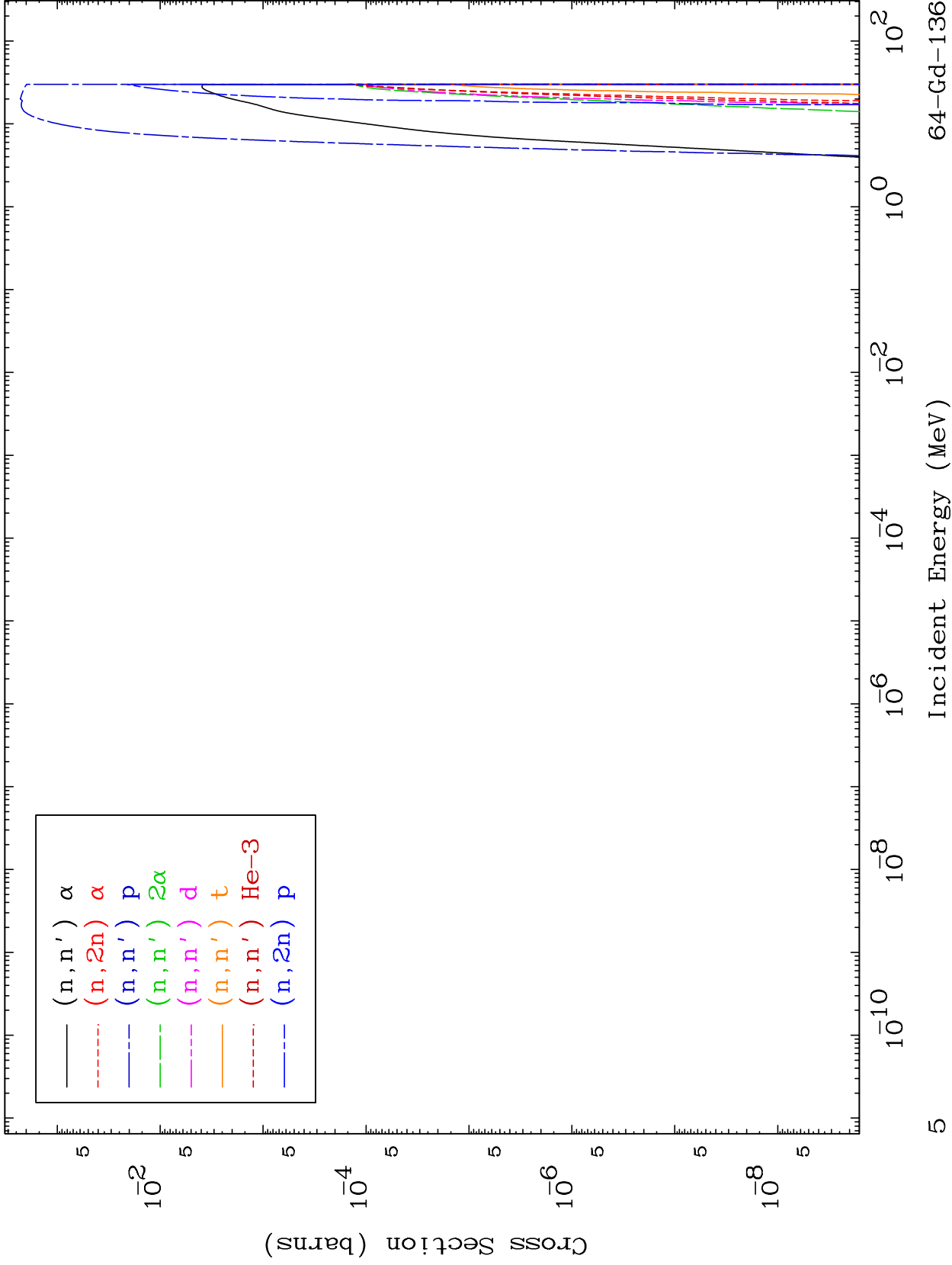
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MAT 6377

Charged Particle  
293 Kelvin Cross Sections

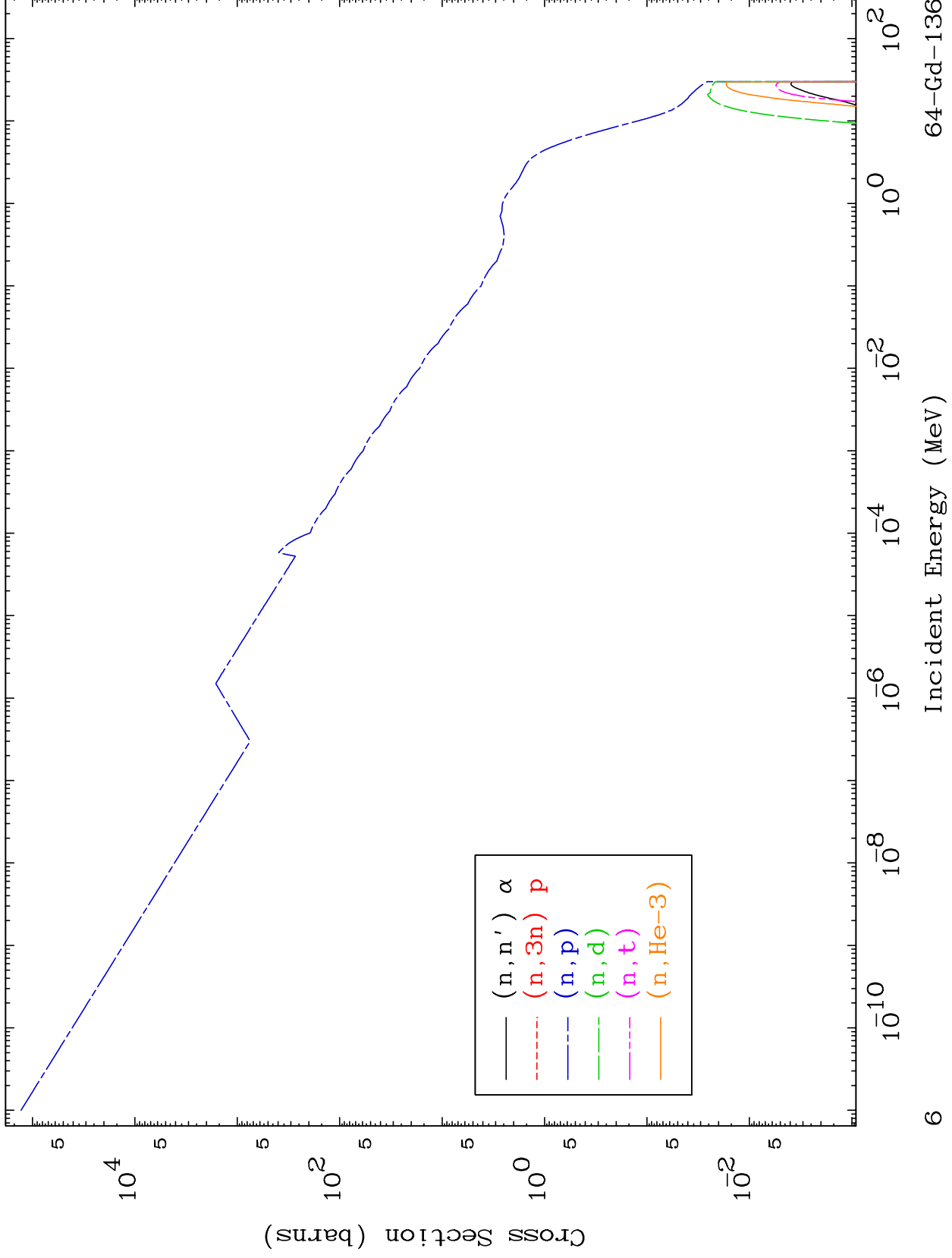
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MAT 63777

Charged Particle  
293 Kelvin Cross Sections

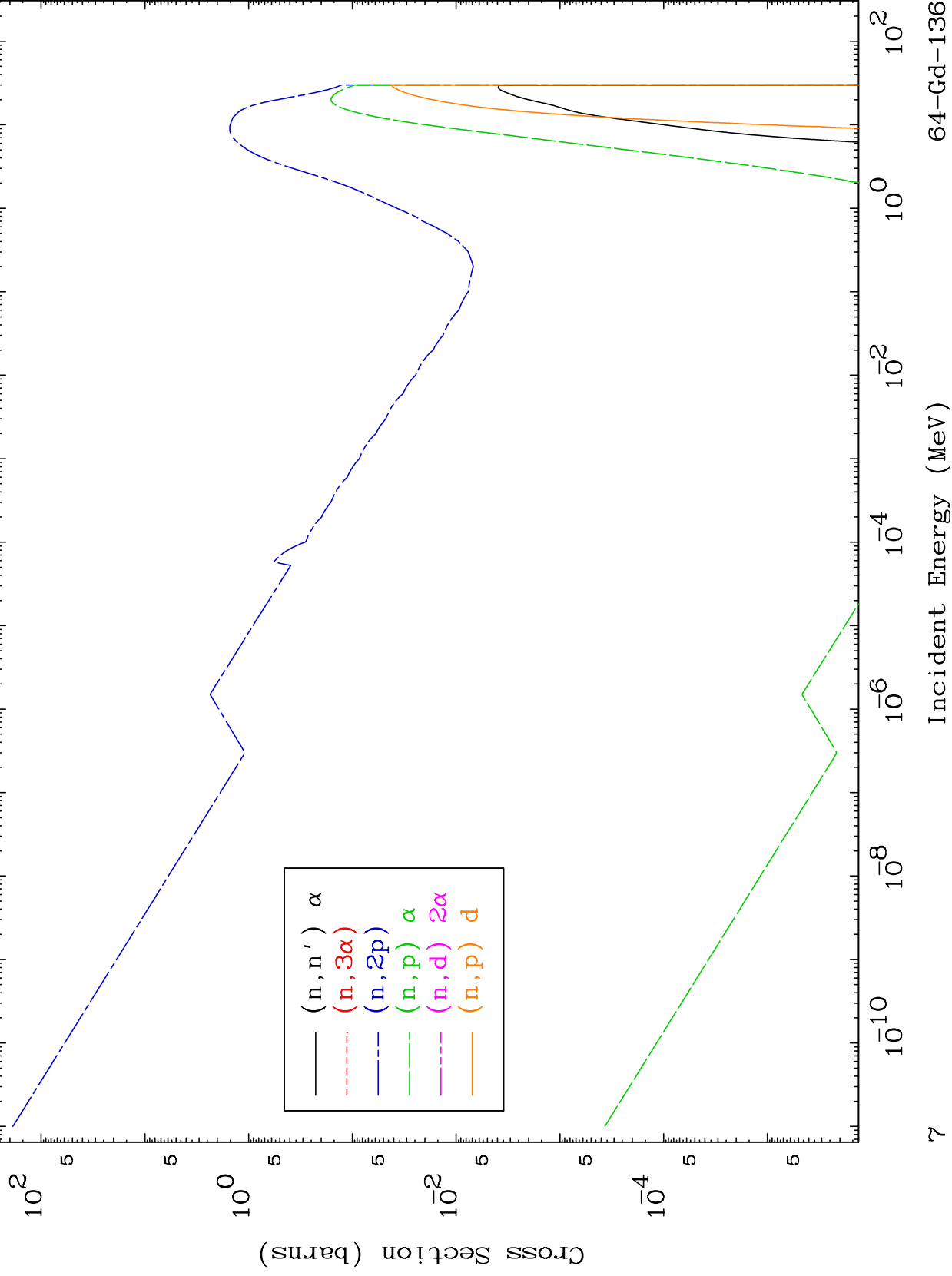
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MAT 6377

Charged Particle  
293 Kelvin Cross Sections

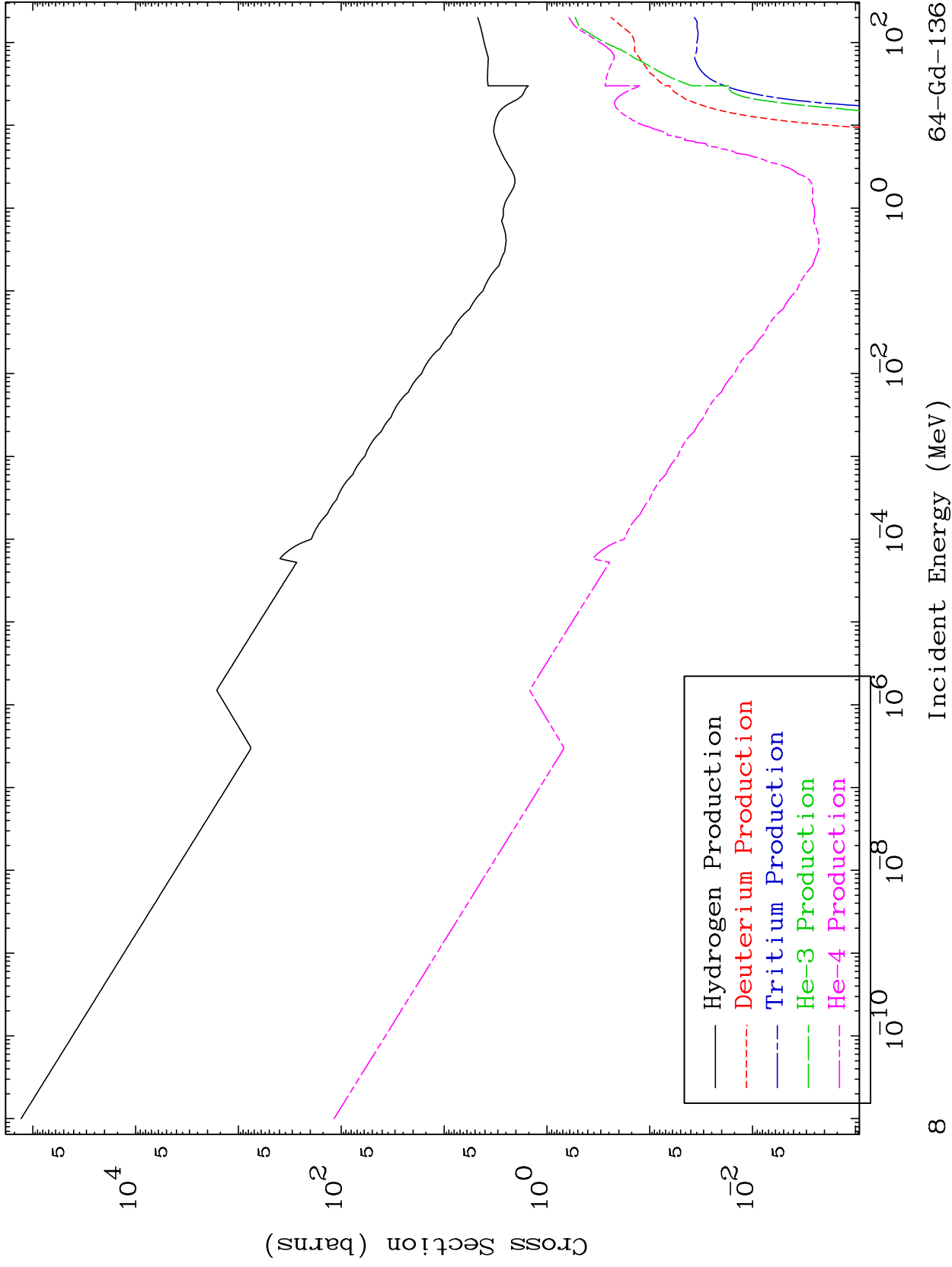
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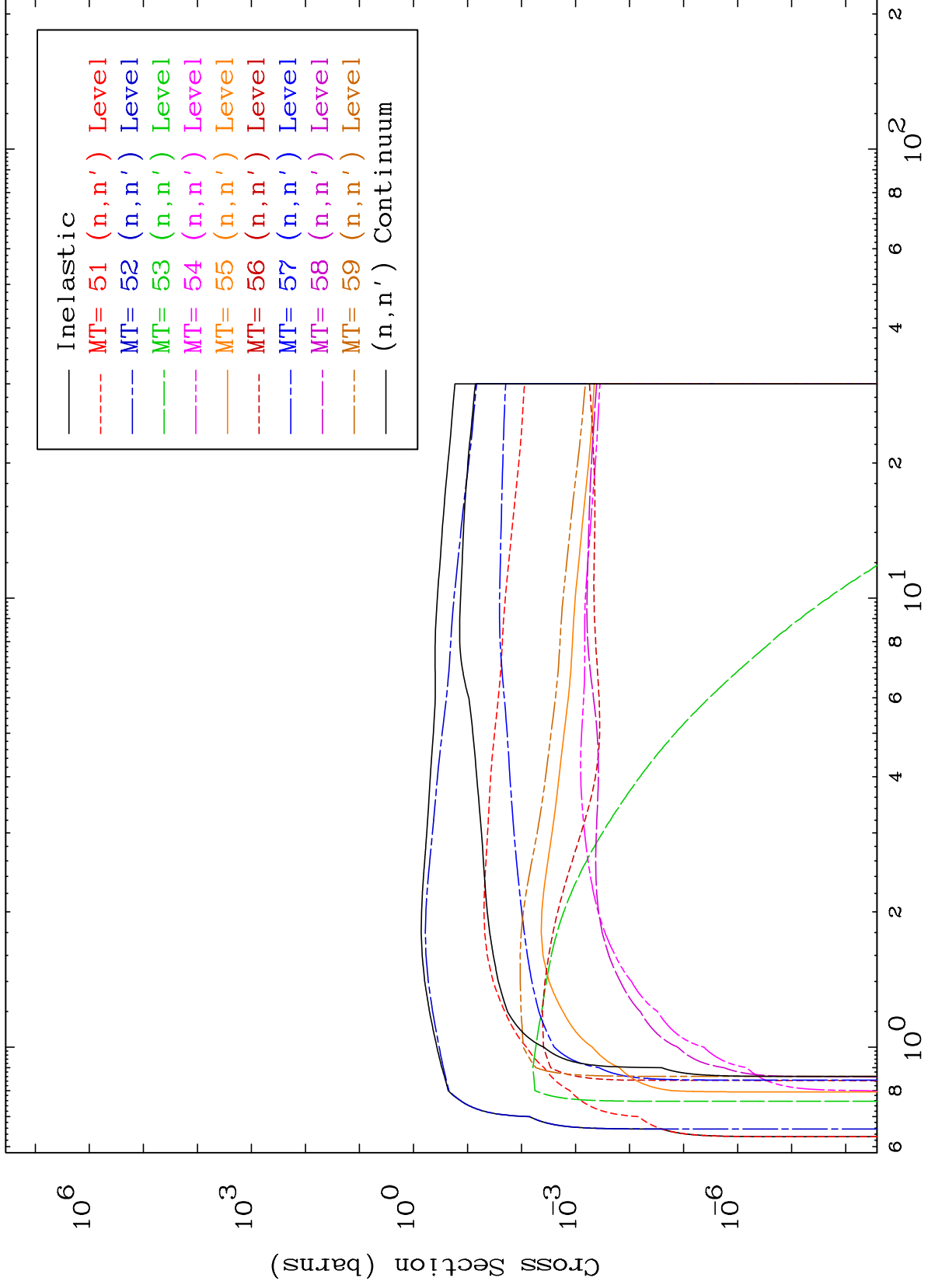
MAT 6377

Particle Production  
293 Kelvin Cross Sections

64-Gd-136



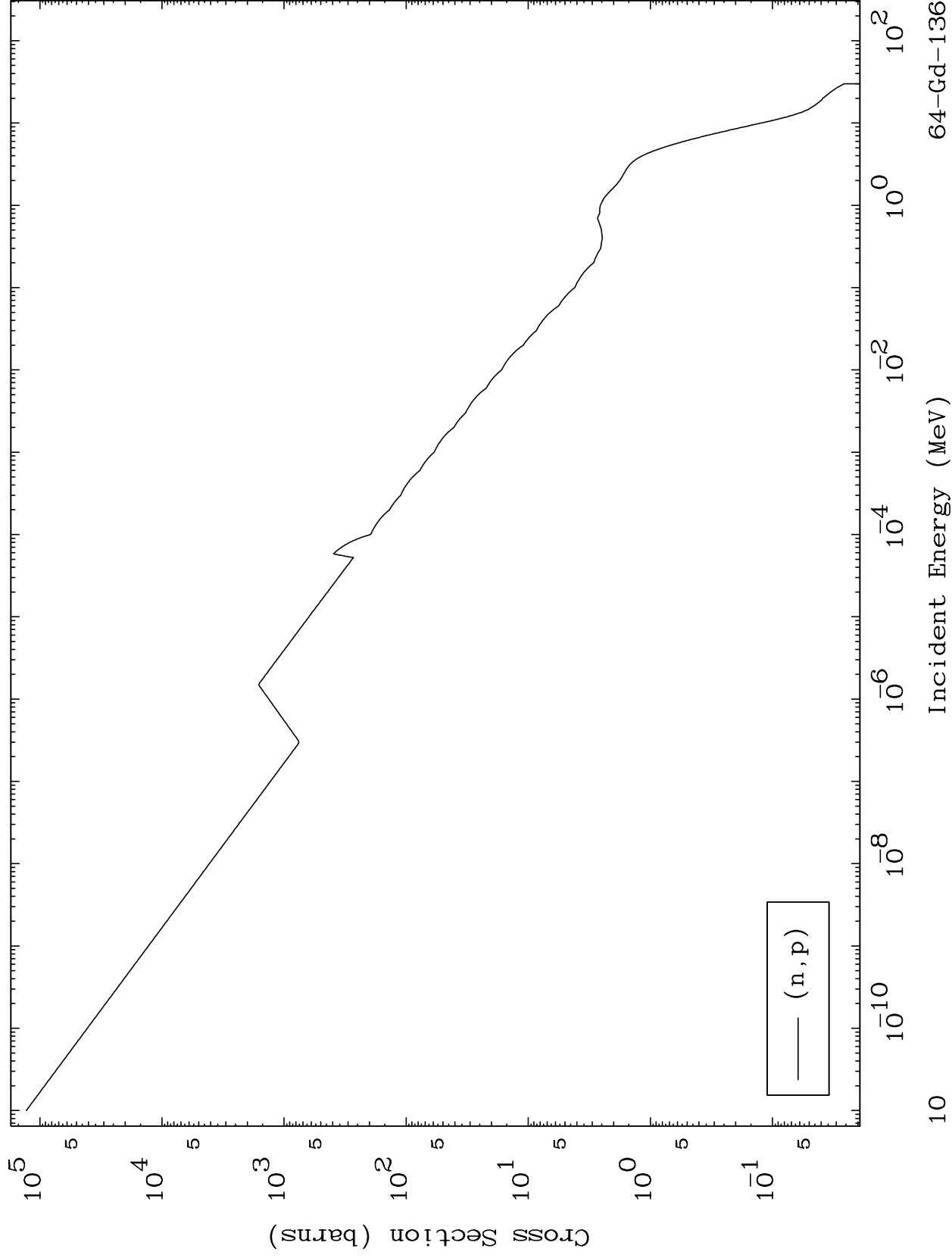
293 Kelvin Cross Sections



MAT 63777

(n,p) Levels  
293 Kelvin Cross Sections

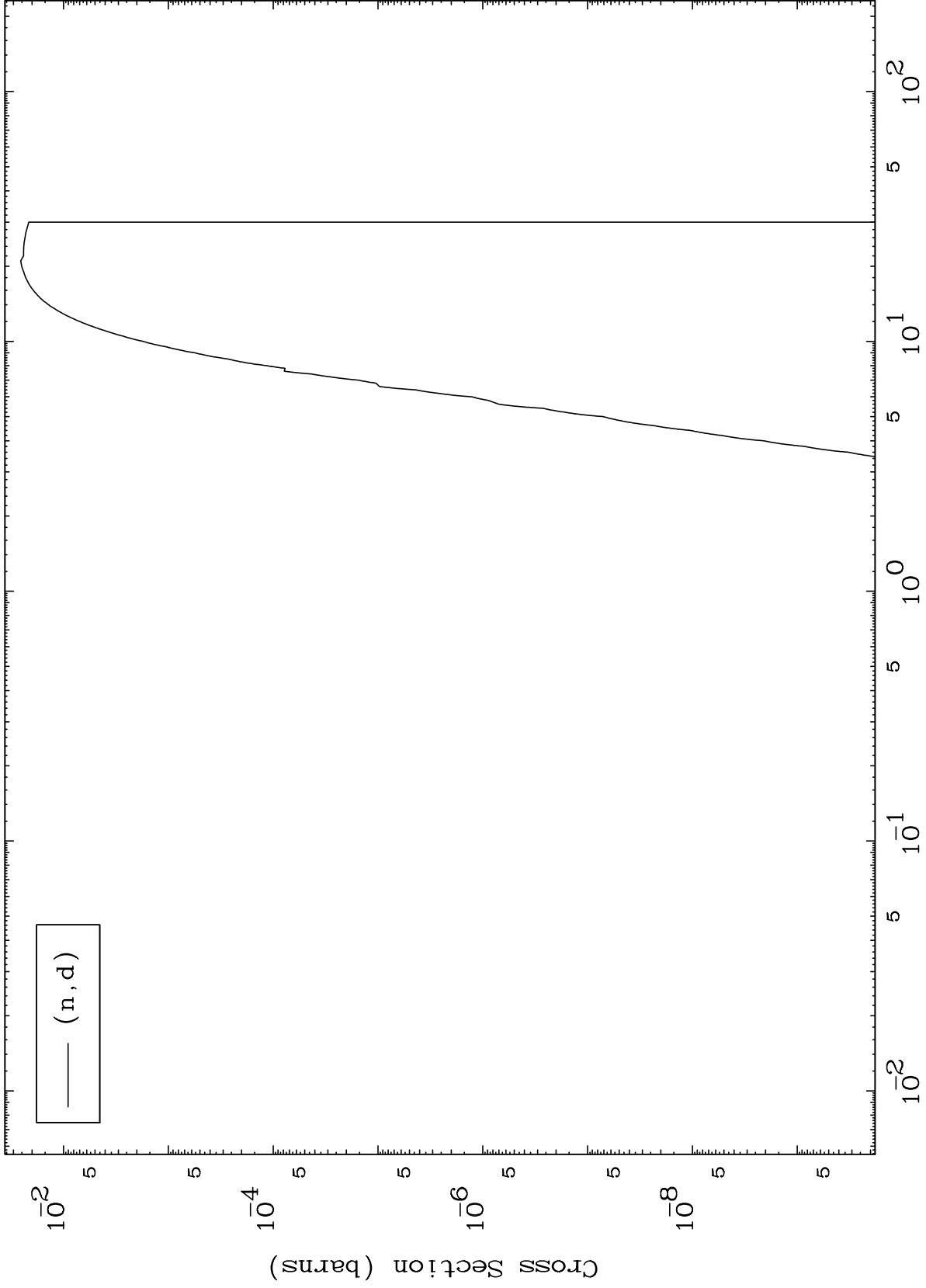
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MAT 6377

(n,d) Levels  
293 Kelvin Cross Sections

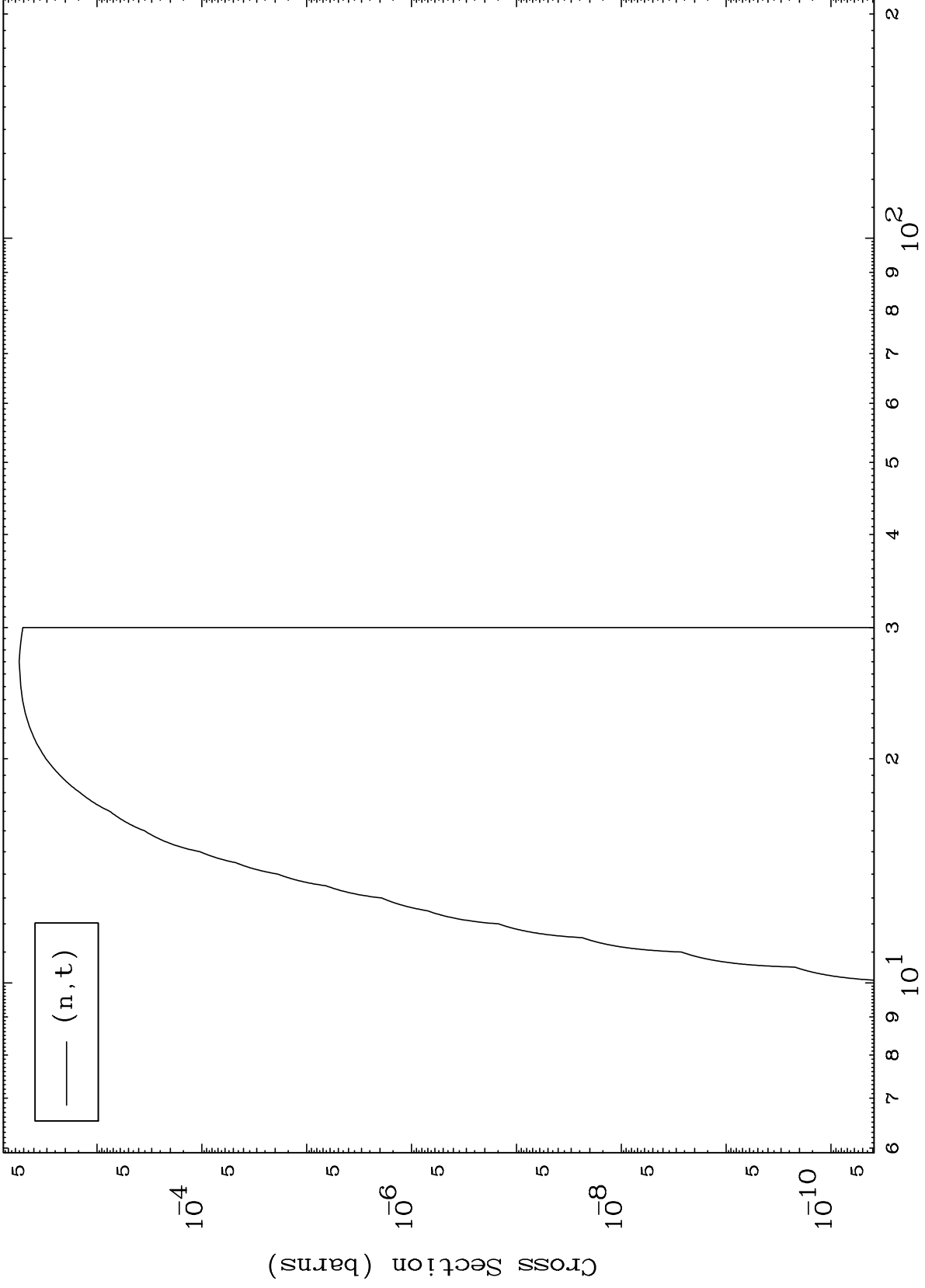
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MAT 6377

(n,t) Levels  
293 Kelvin Cross Sections

64-Gd-136



12

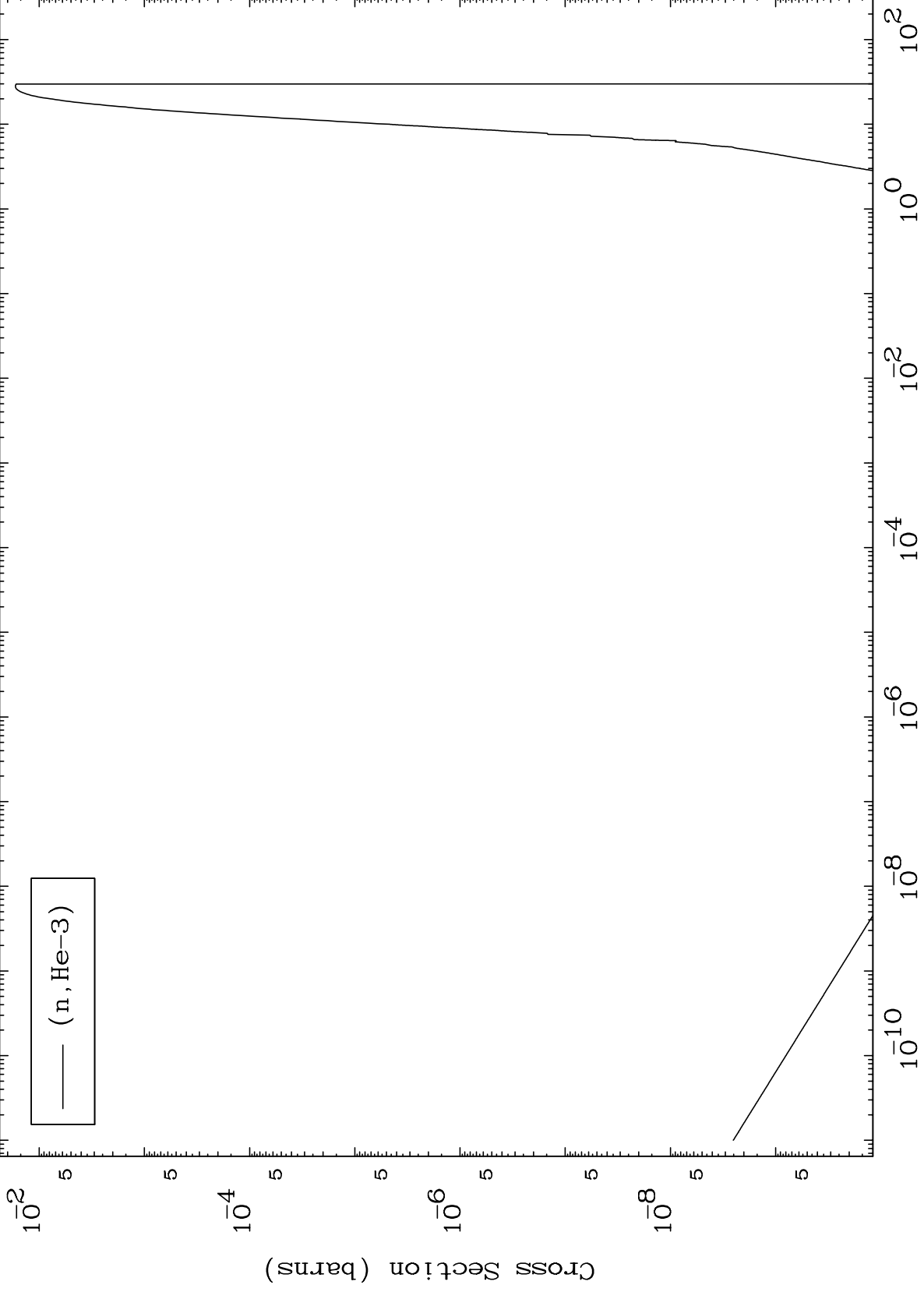
Incident Energy (MeV)

64-Gd-136

MAT 6377

(n,He3) Levels  
293 Kelvin Cross Sections

64-Gd-136



13

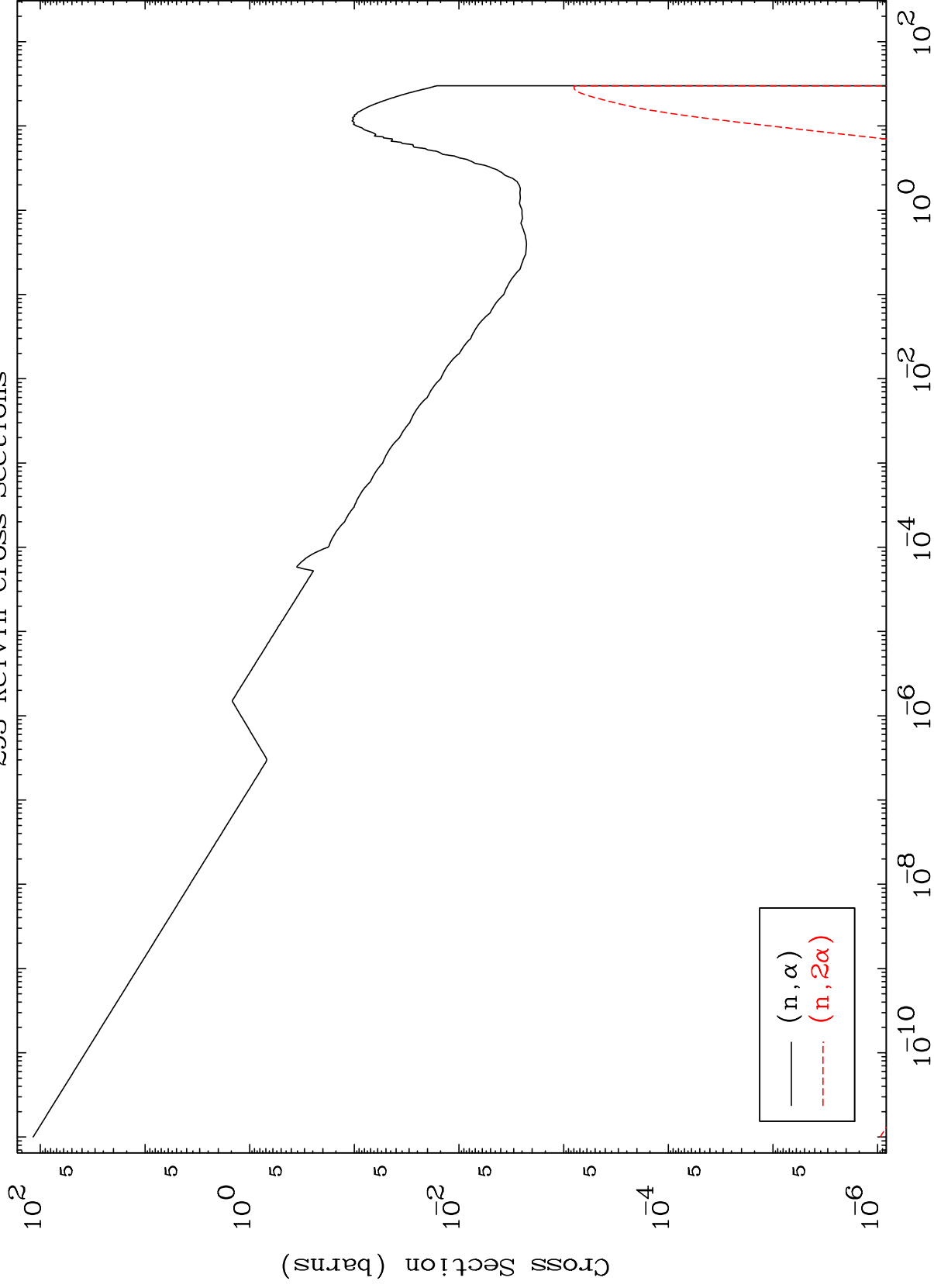
Incident Energy (MeV)

64-Gd-136

MAT 6377

(n,α) Levels  
293 Kelvin Cross Sections

64-Gd-136



14

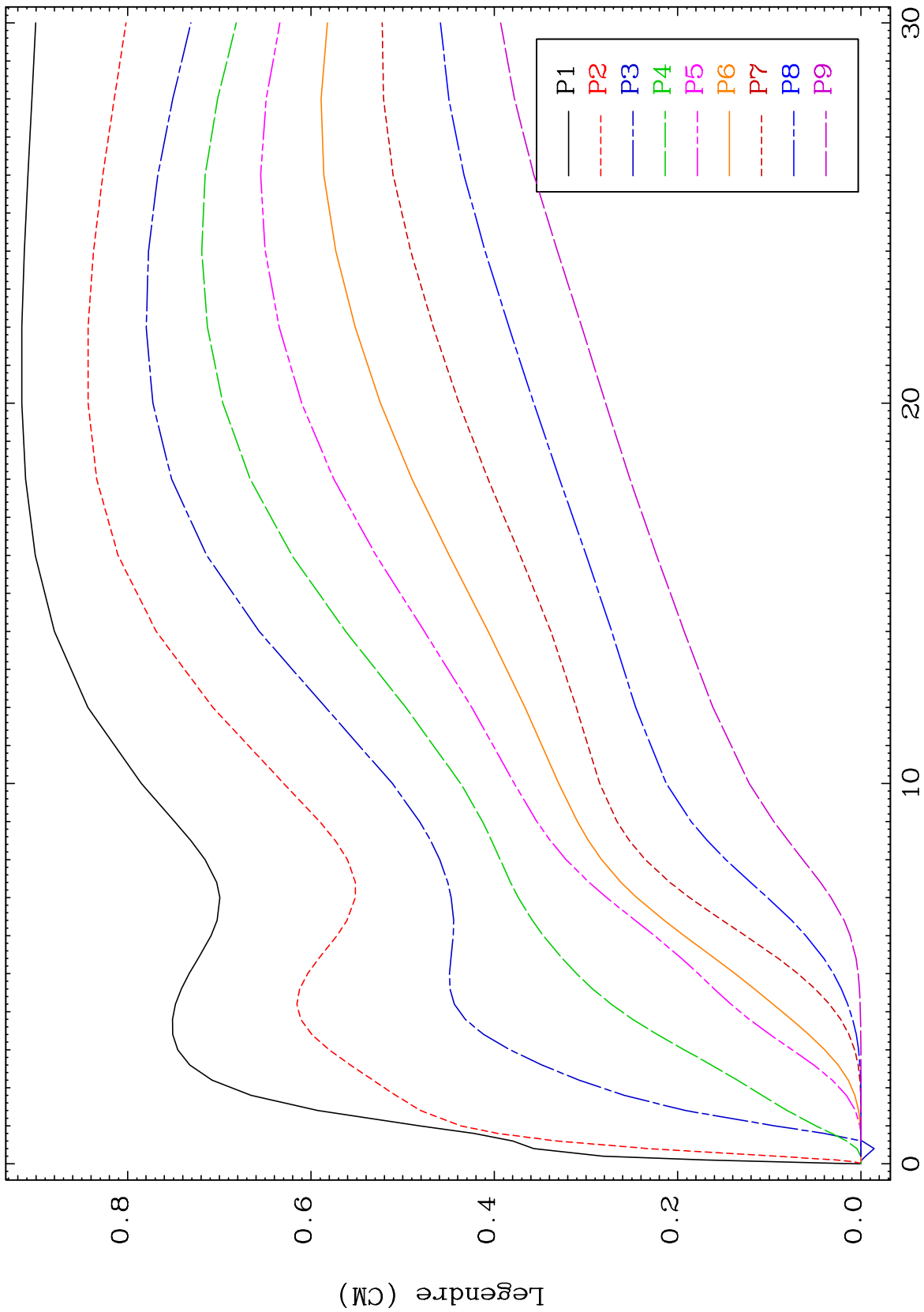
Incident Energy (MeV)

64-Gd-136

MAT 6377

Elastic Legendre Coefficients

64-Gd-136



15

Incident Energy (MeV)

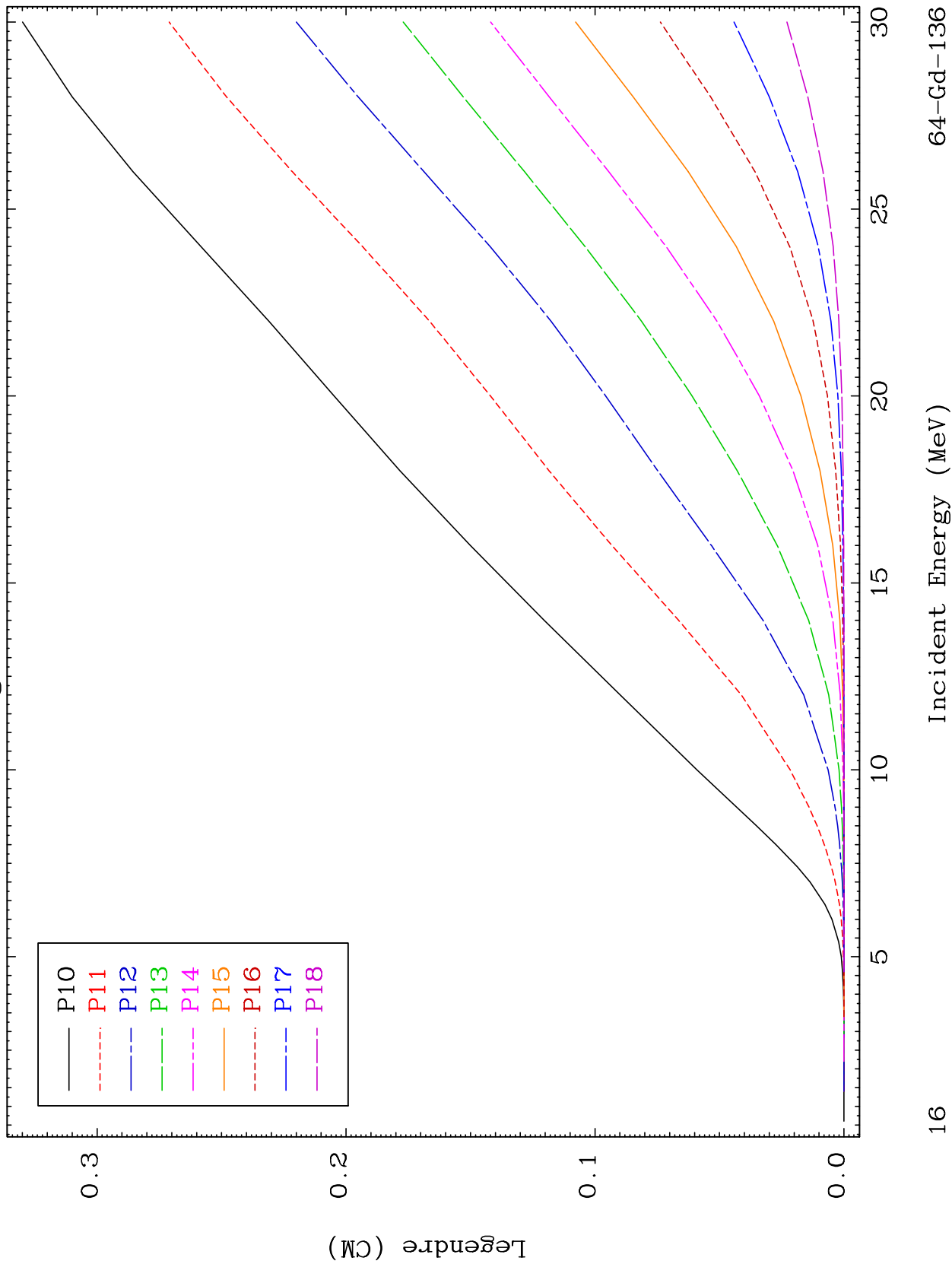
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MAT 6377

Elastic Legendre Coefficients

64-Gd-136



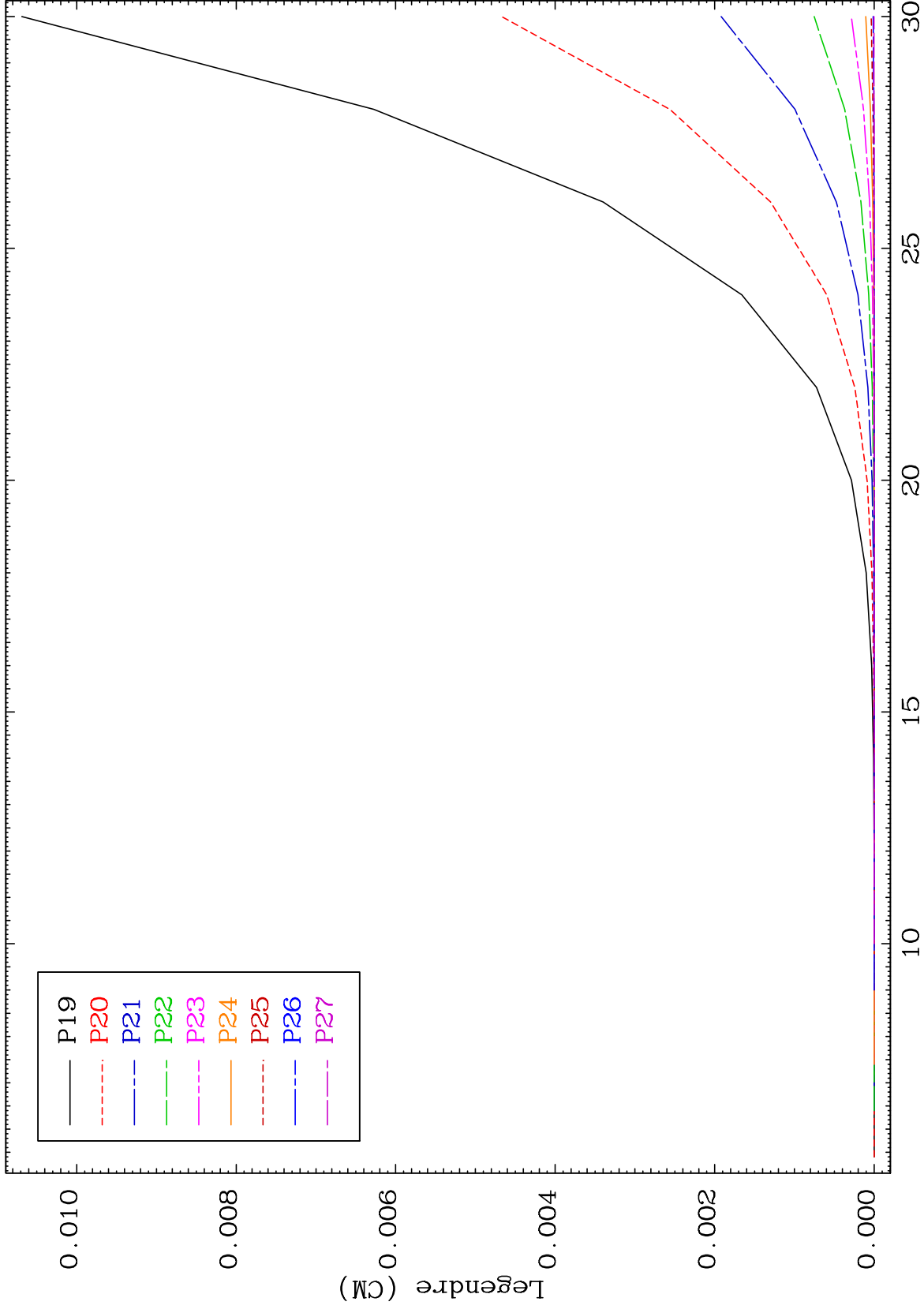
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64-Gd-136

MAT 6377

### Elastic Legendre Coefficients

64-Gd-136



17

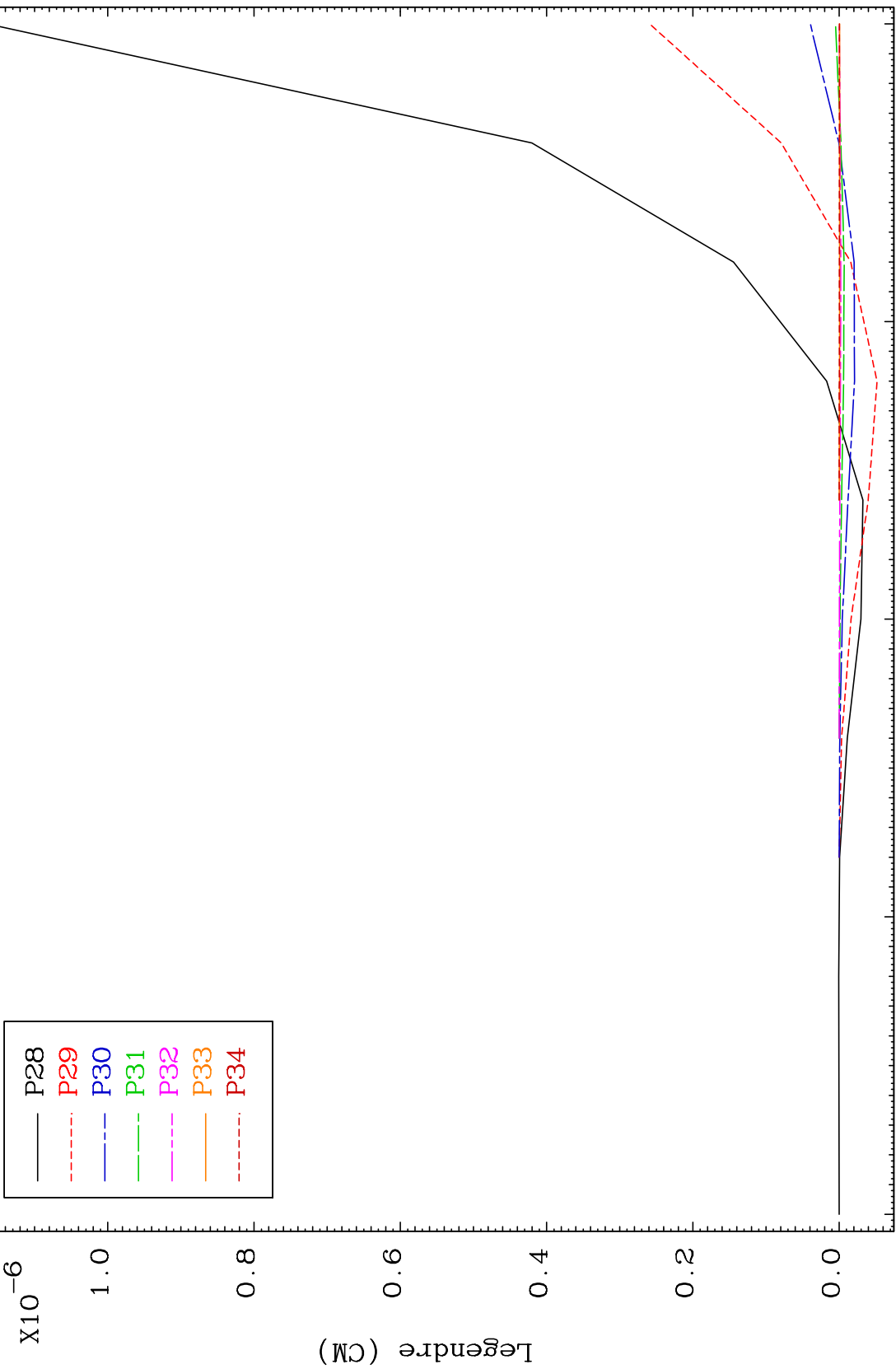
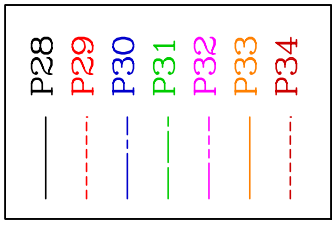
Incident Energy (MeV)

64-Gd-136

MAT 6377

Elastic Legendre Coefficients

64-Gd-136



18

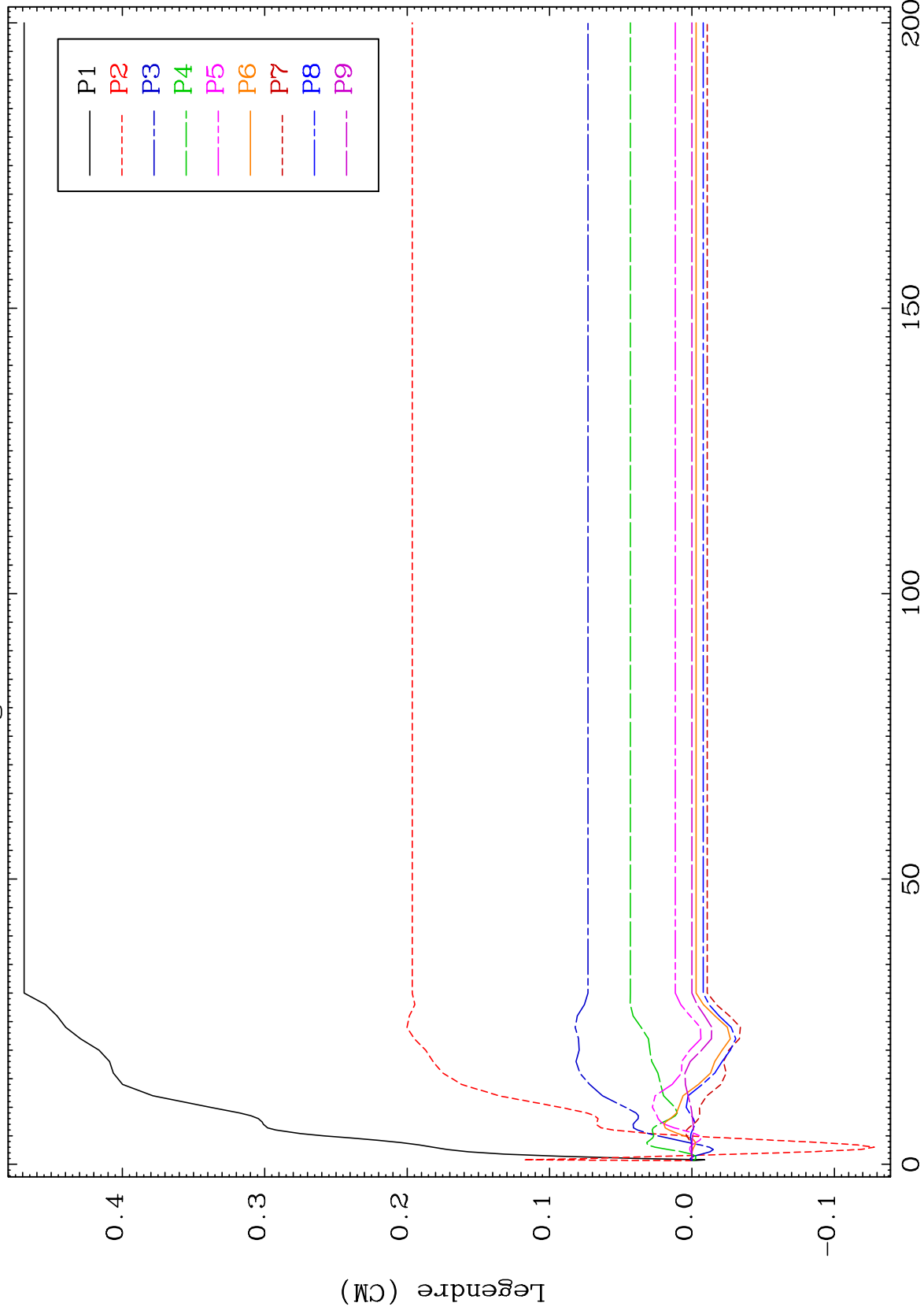
Incident Energy (MeV)

64-Gd-136

MAT 6377

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

64-Gd-136



19

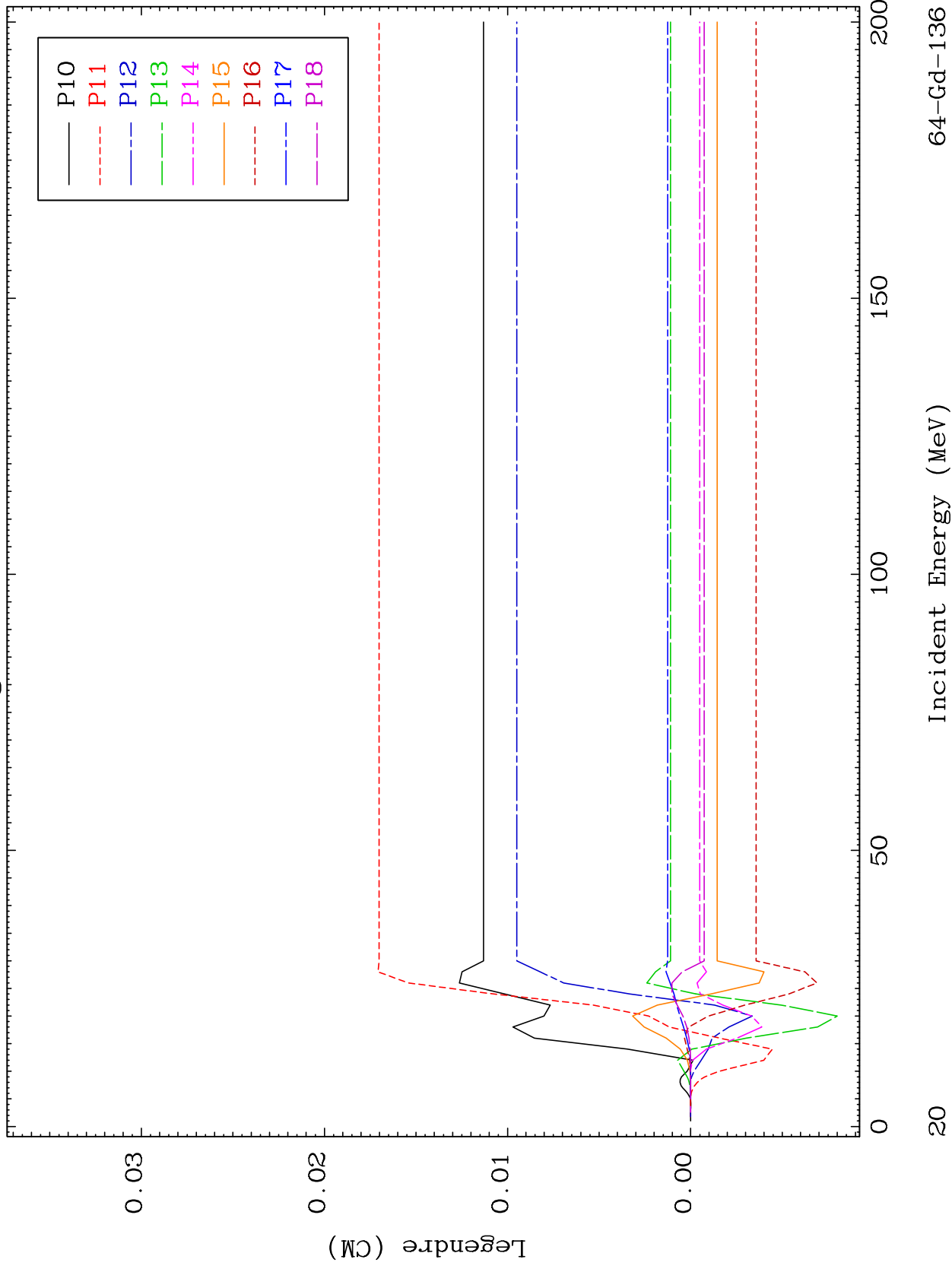
Incident Energy (MeV)

64-Gd-136

MAT 6377

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

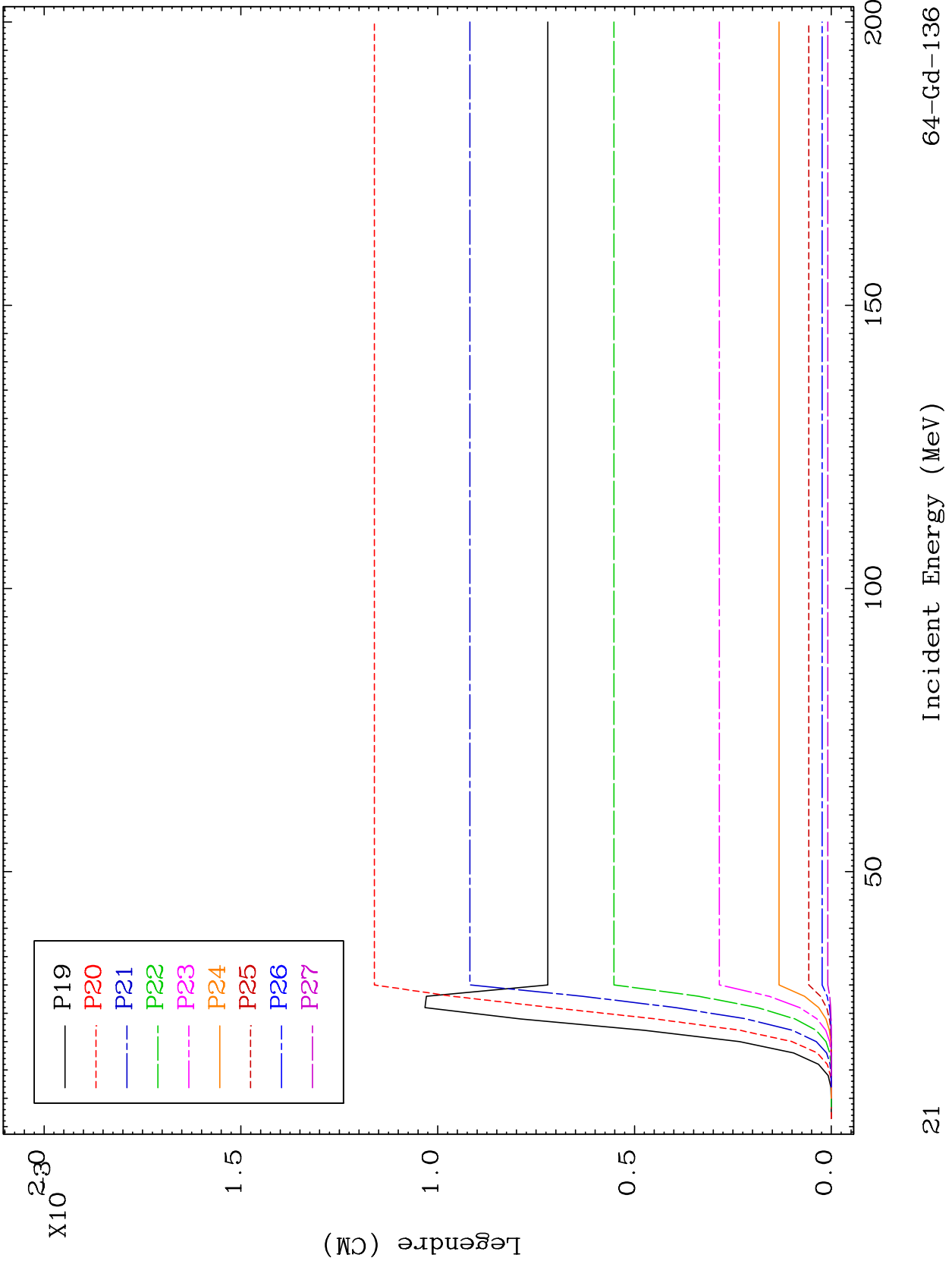
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64-Gd-136

Incident Energy (MeV)

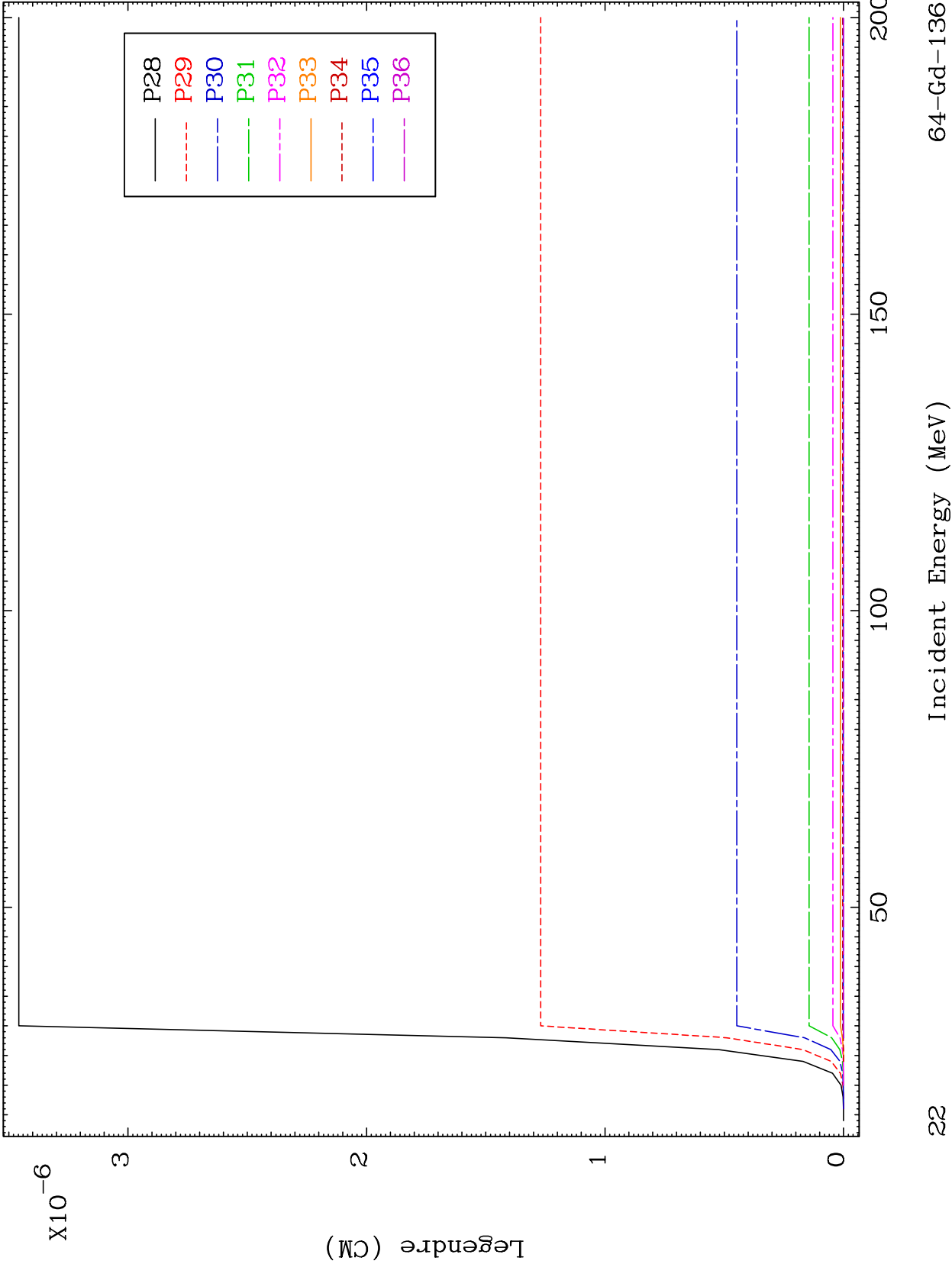
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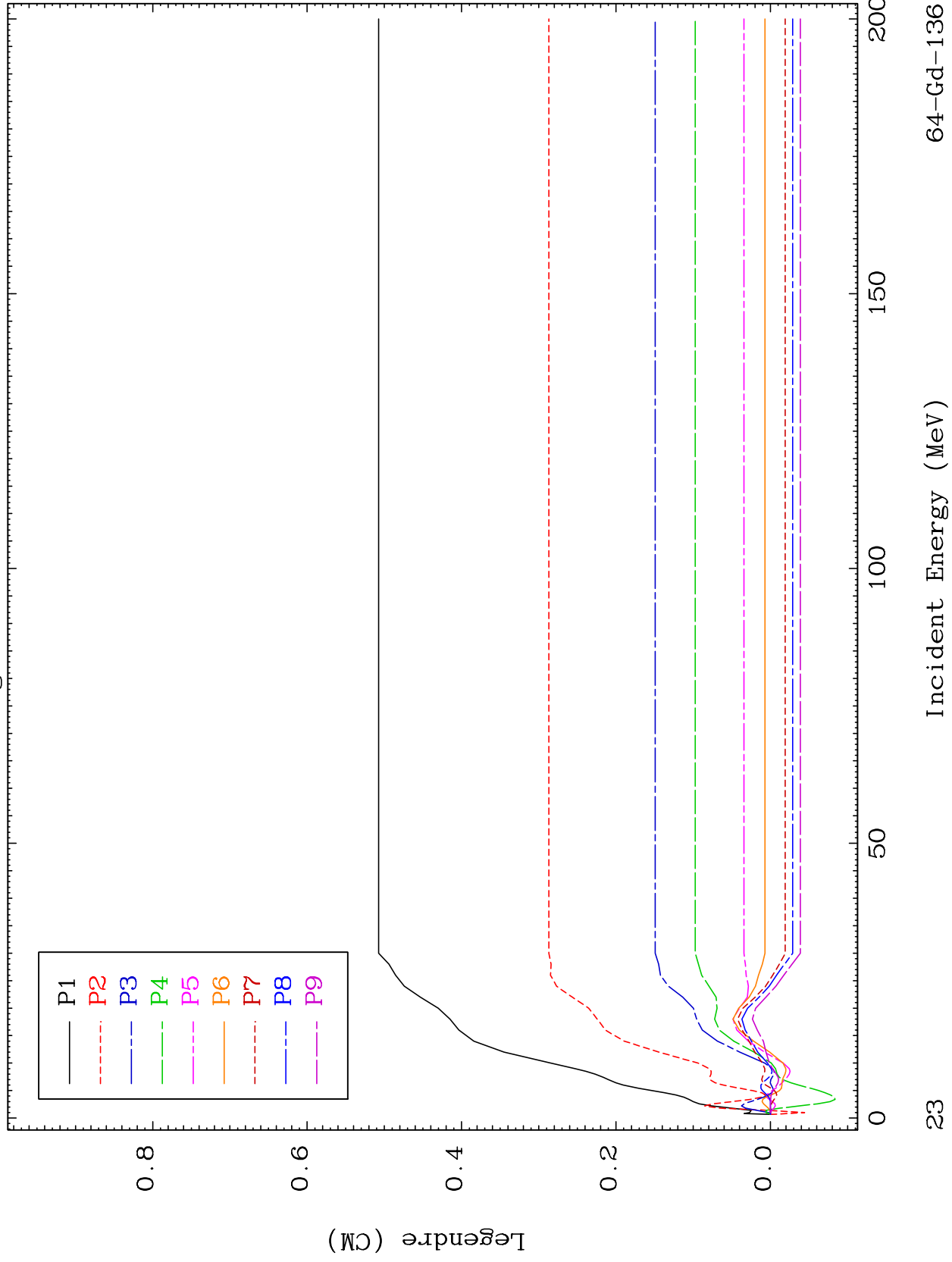


MAT 6377

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

64-Gd-136

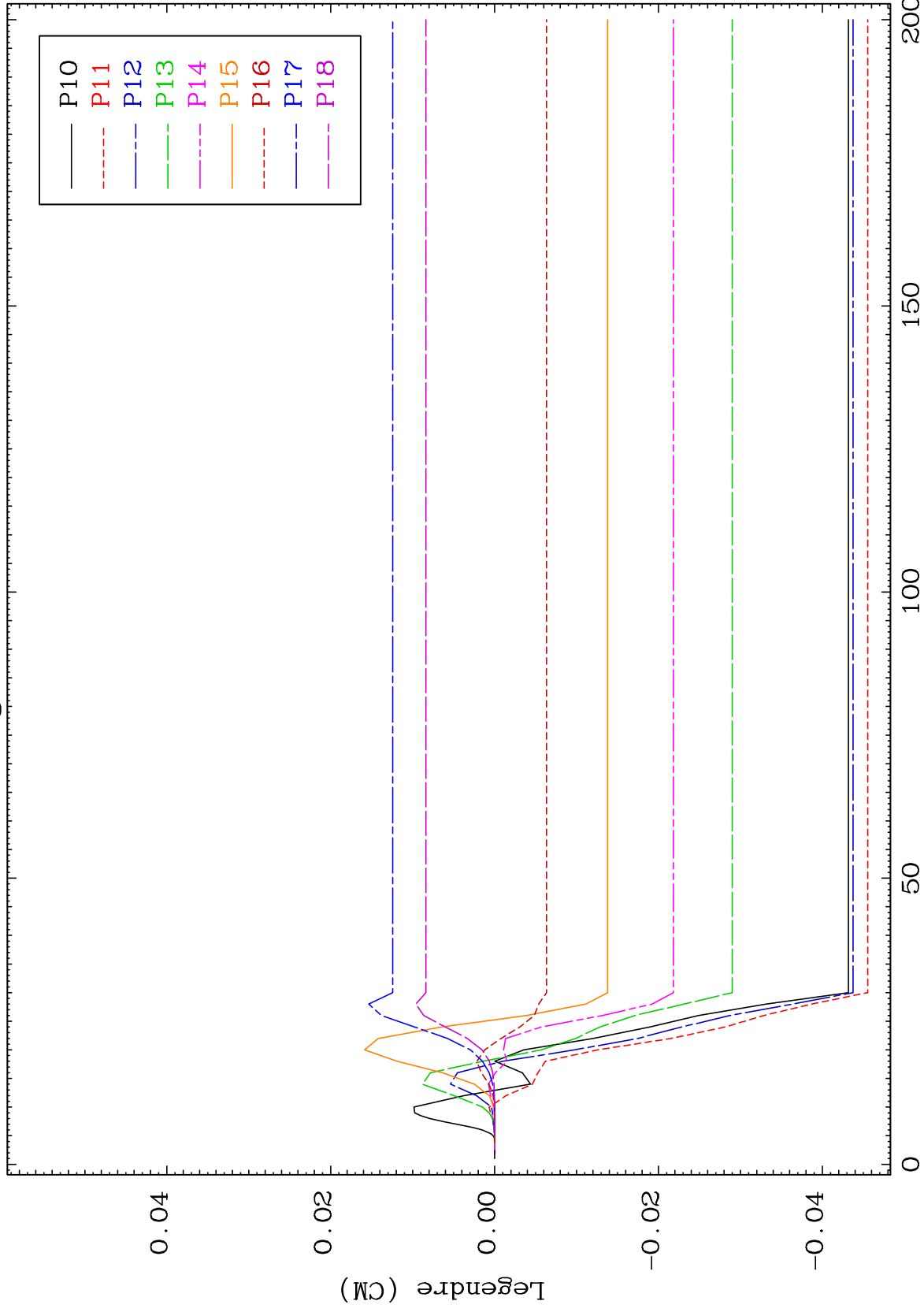




MAT 6377

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

64-Gd-136



24

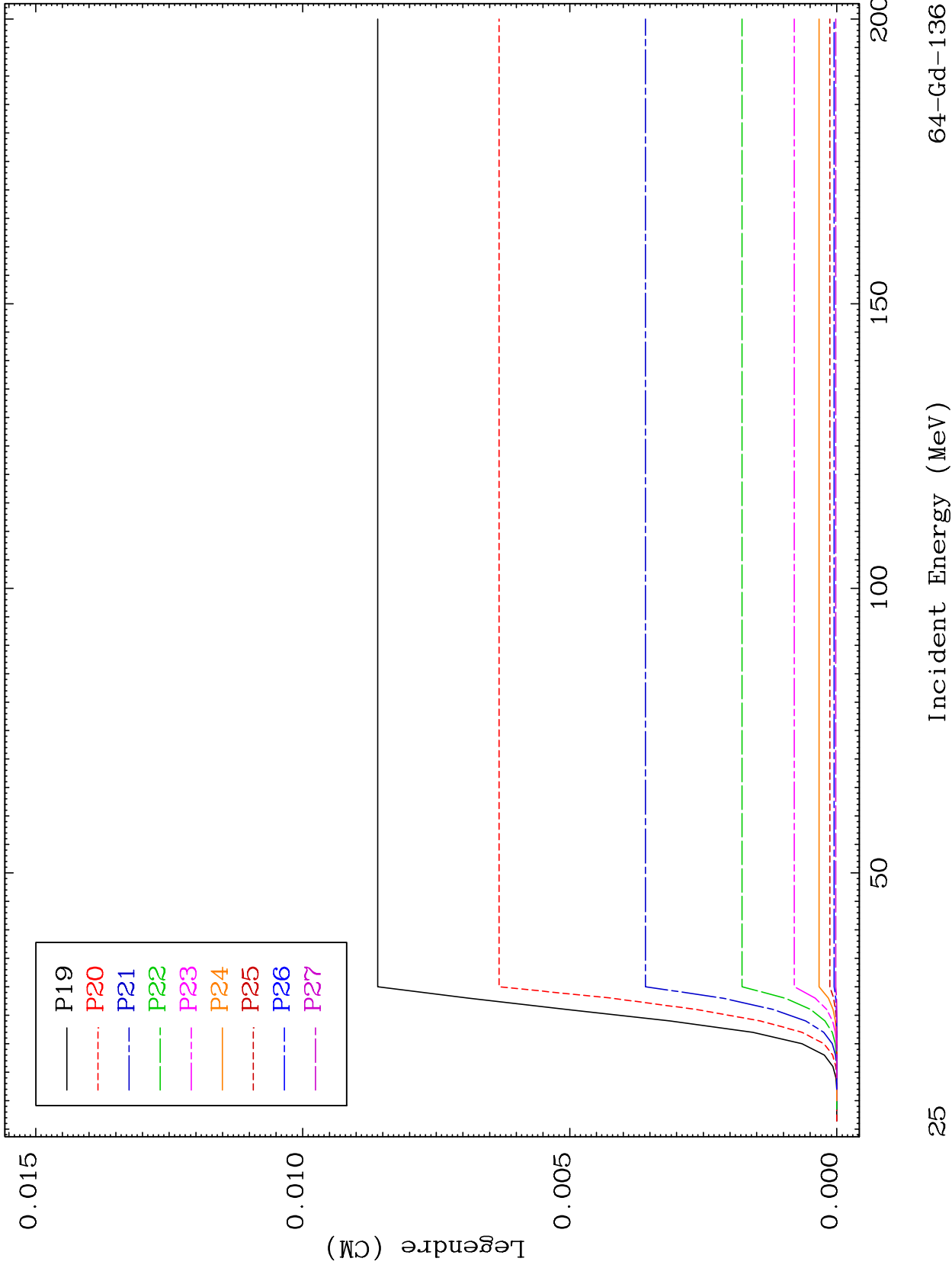
Incident Energy (MeV)

64-Gd-136

MAT 6377

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

64-Gd-136



25

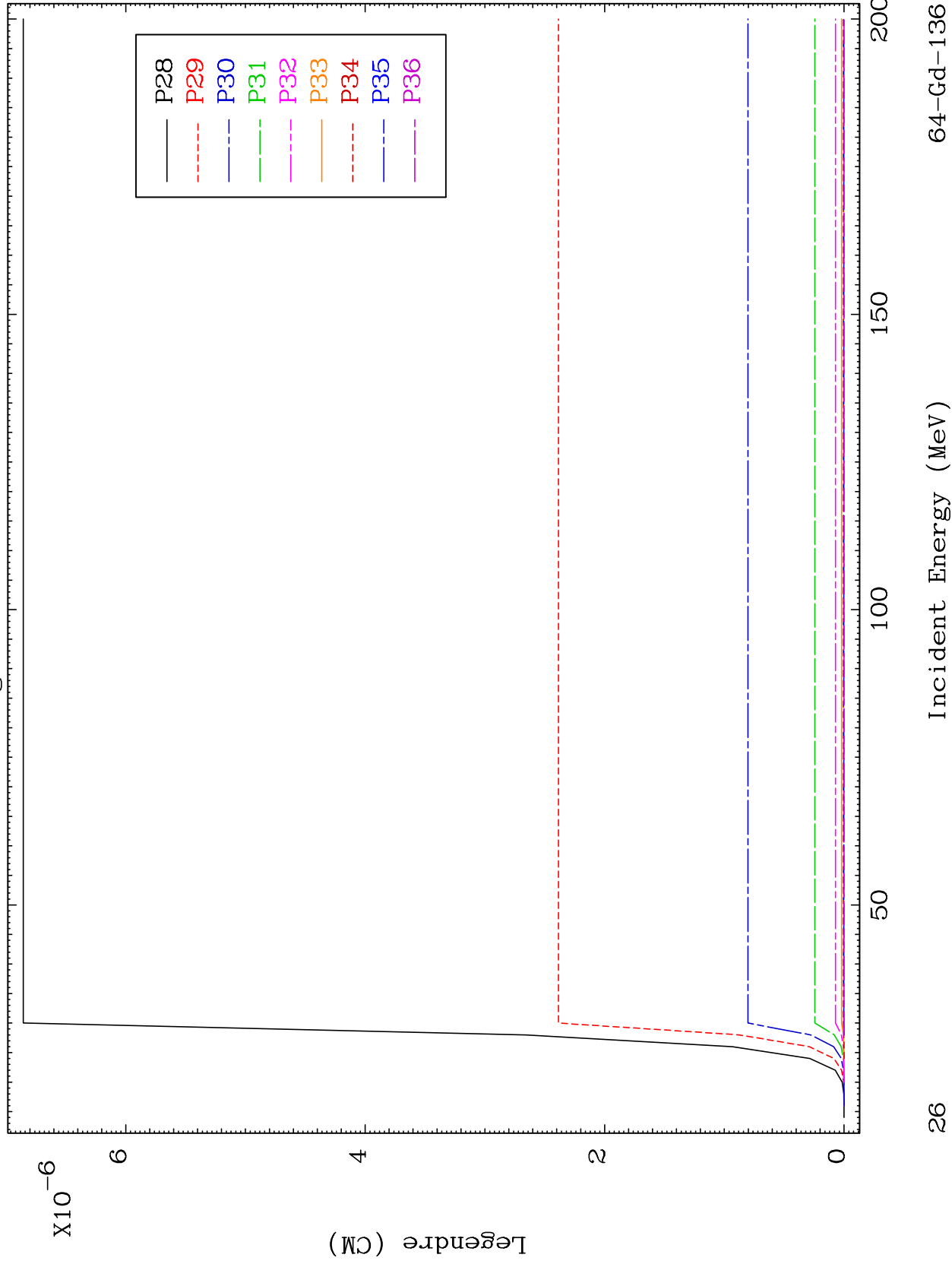
Incident Energy (MeV)

64-Gd-136

MAT 6377

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

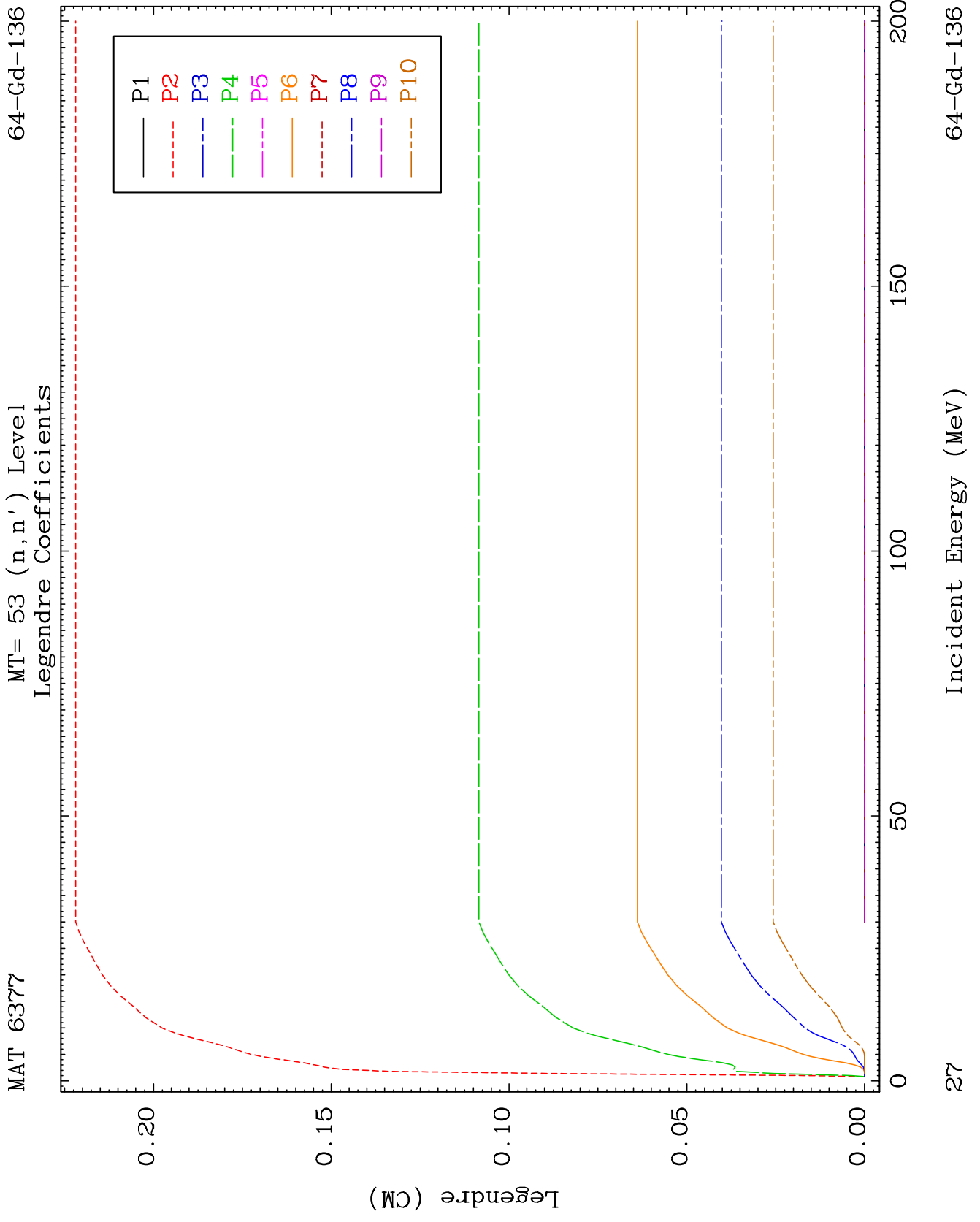
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26

Incident Energy (MeV)

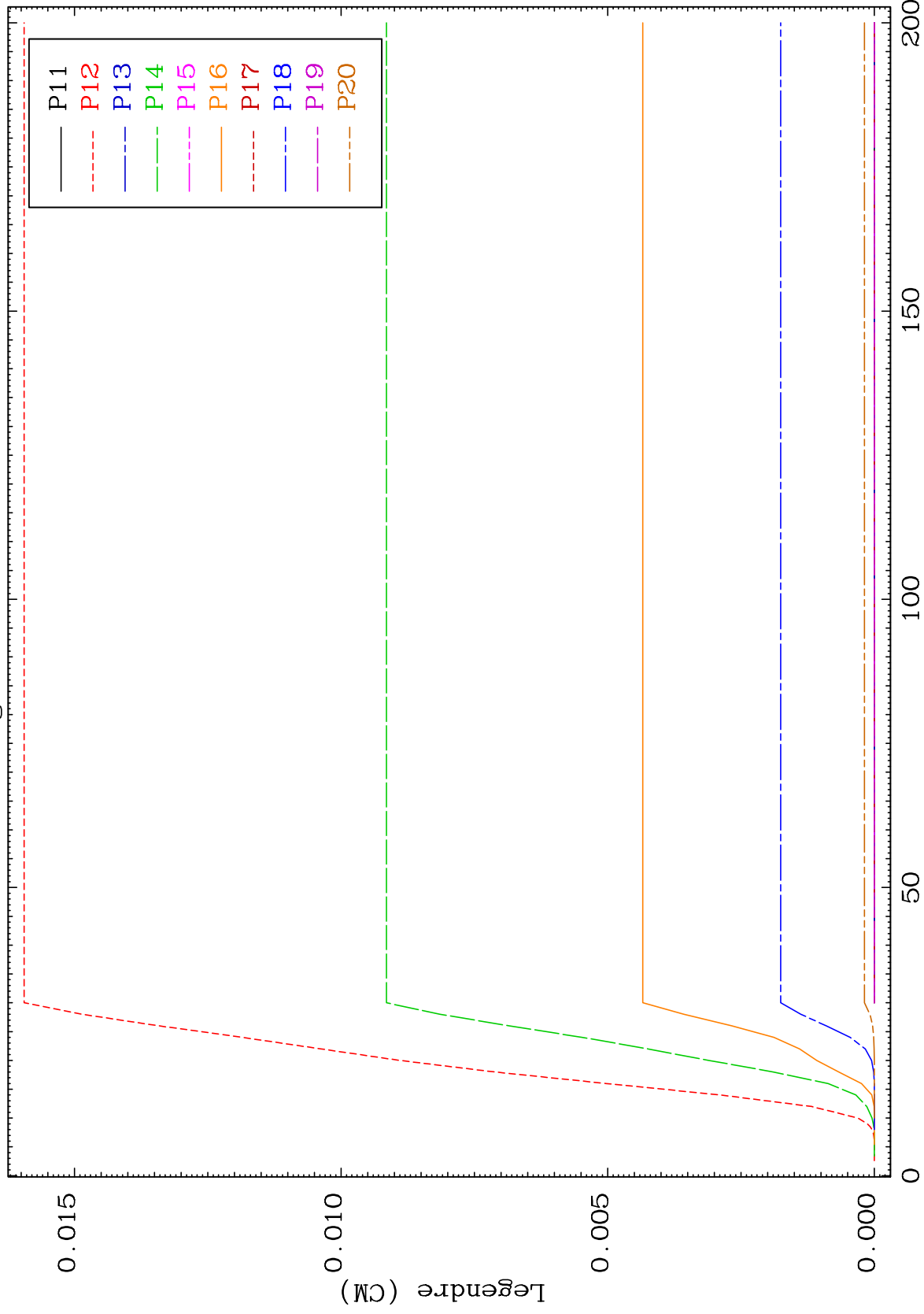
64-Gd-136



MAT 63777

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

64-Gd-136



28

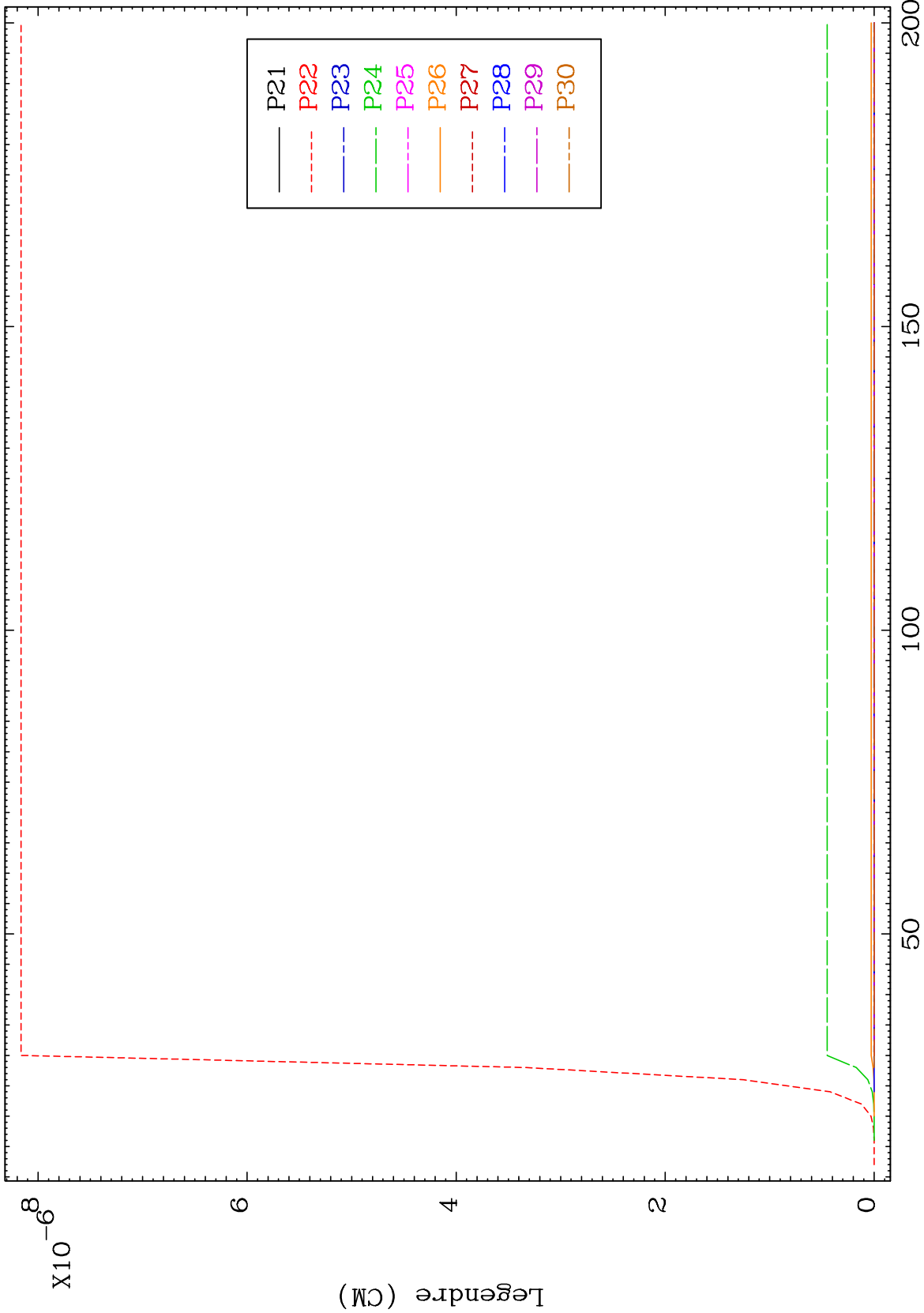
Incident Energy (MeV)

64-Gd-136

MAT 6377

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

64-Gd-136



29

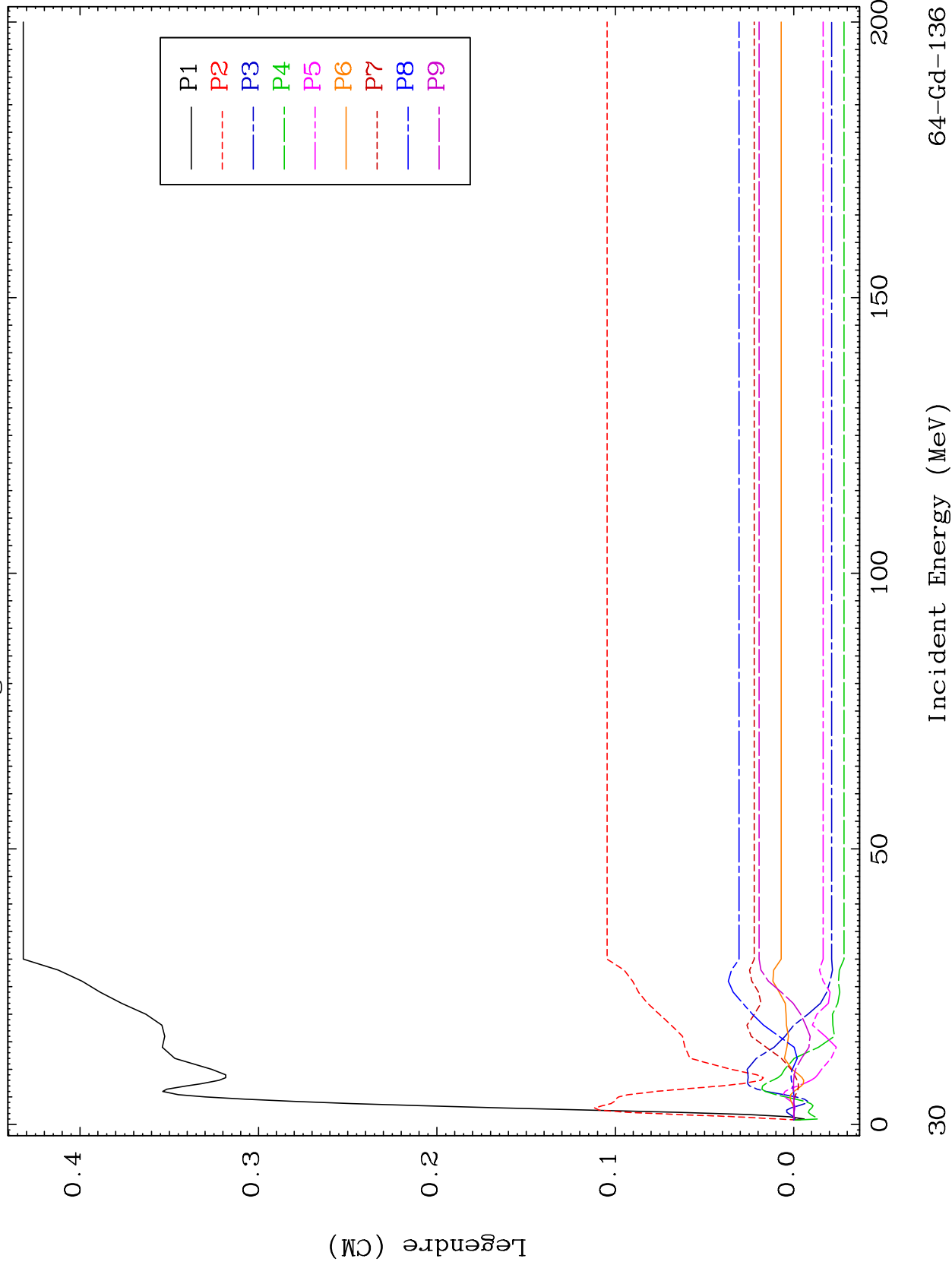
Incident Energy (MeV)

64-Gd-136

MAT 6377

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

64-Gd-136



64-Gd-136

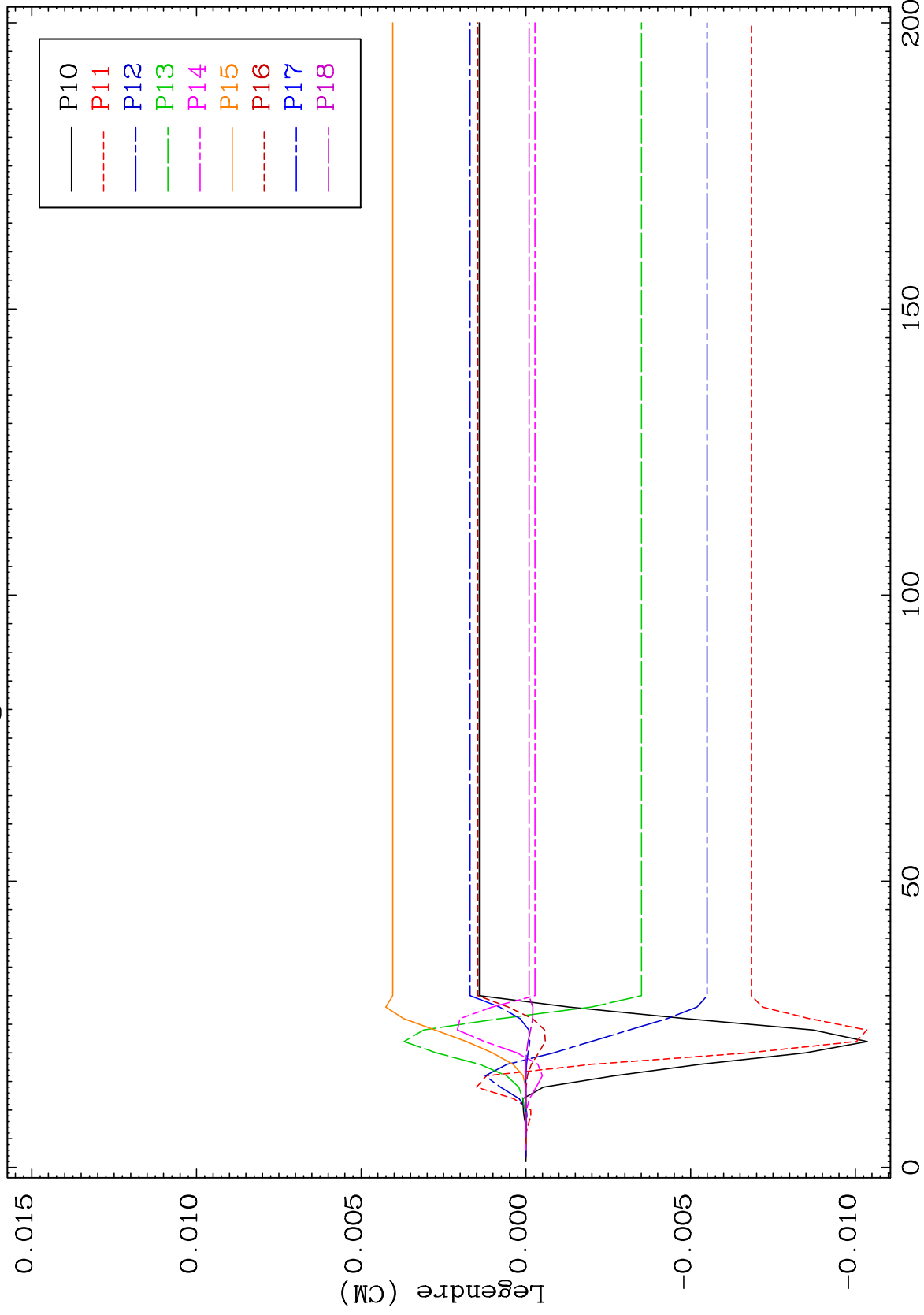
Incident Energy (MeV)

30

MAT 6377

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

64-Gd-136



31

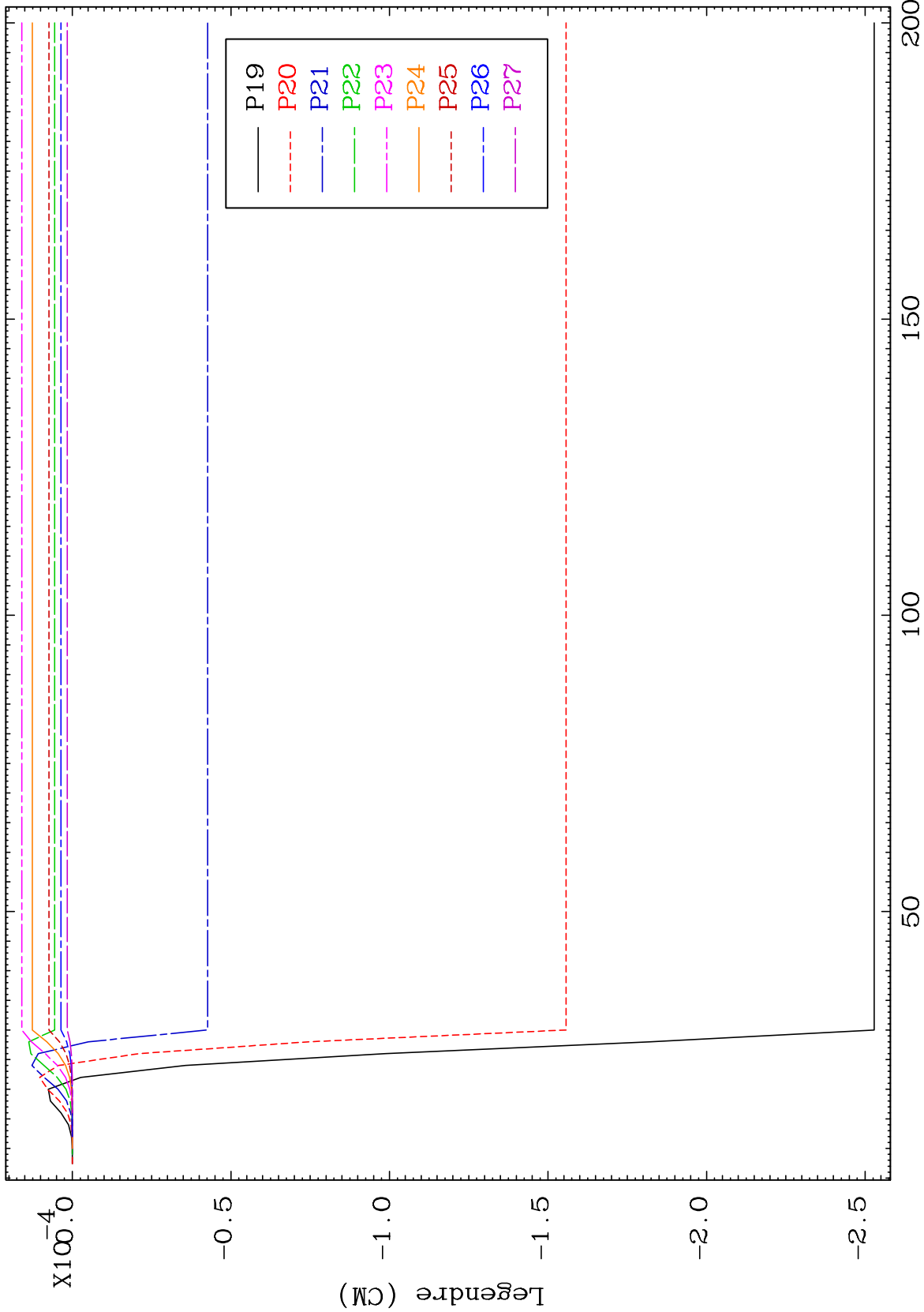
Incident Energy (MeV)

64-Gd-136

MAT 6377

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

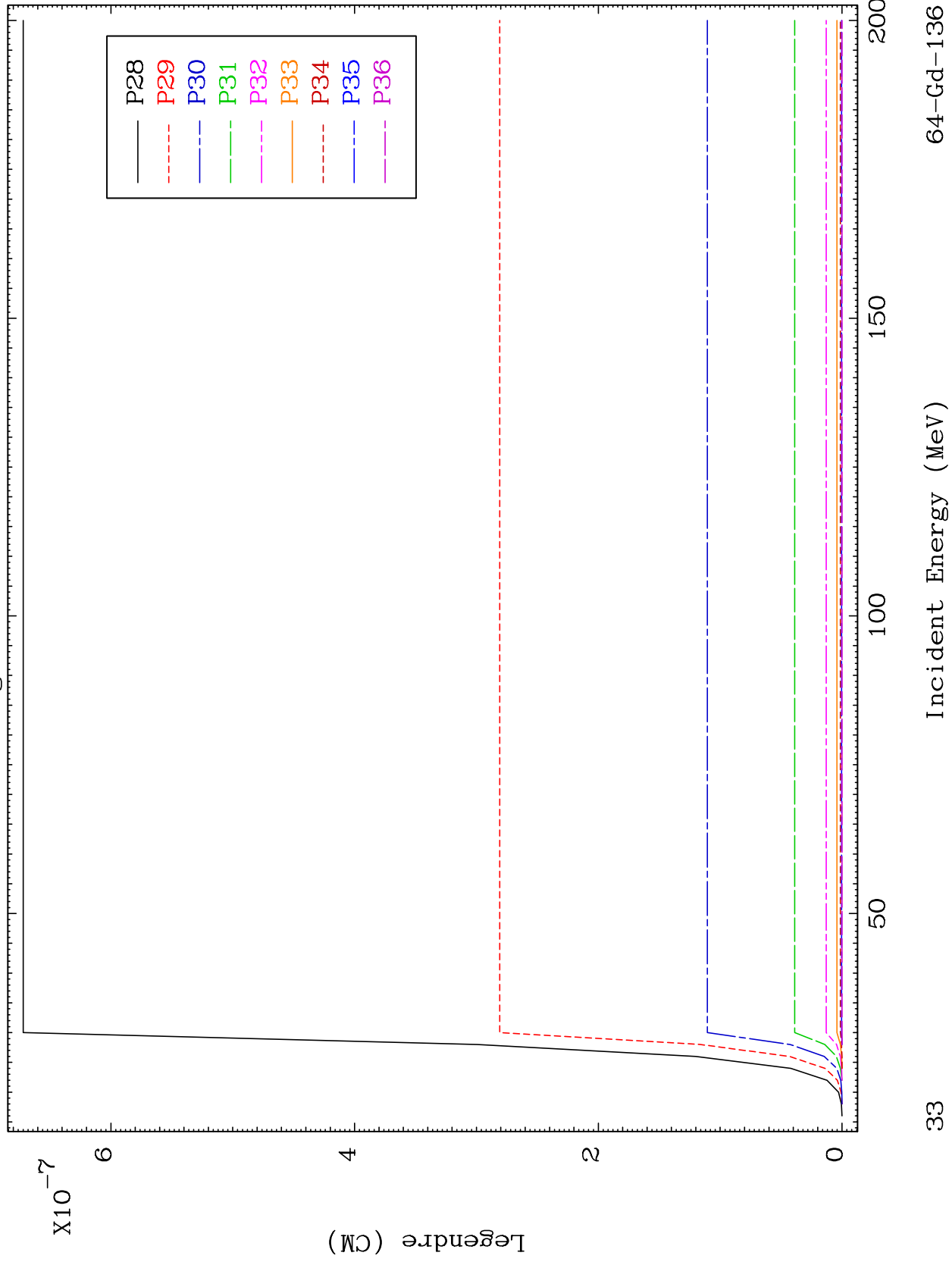
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MAT 6377

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

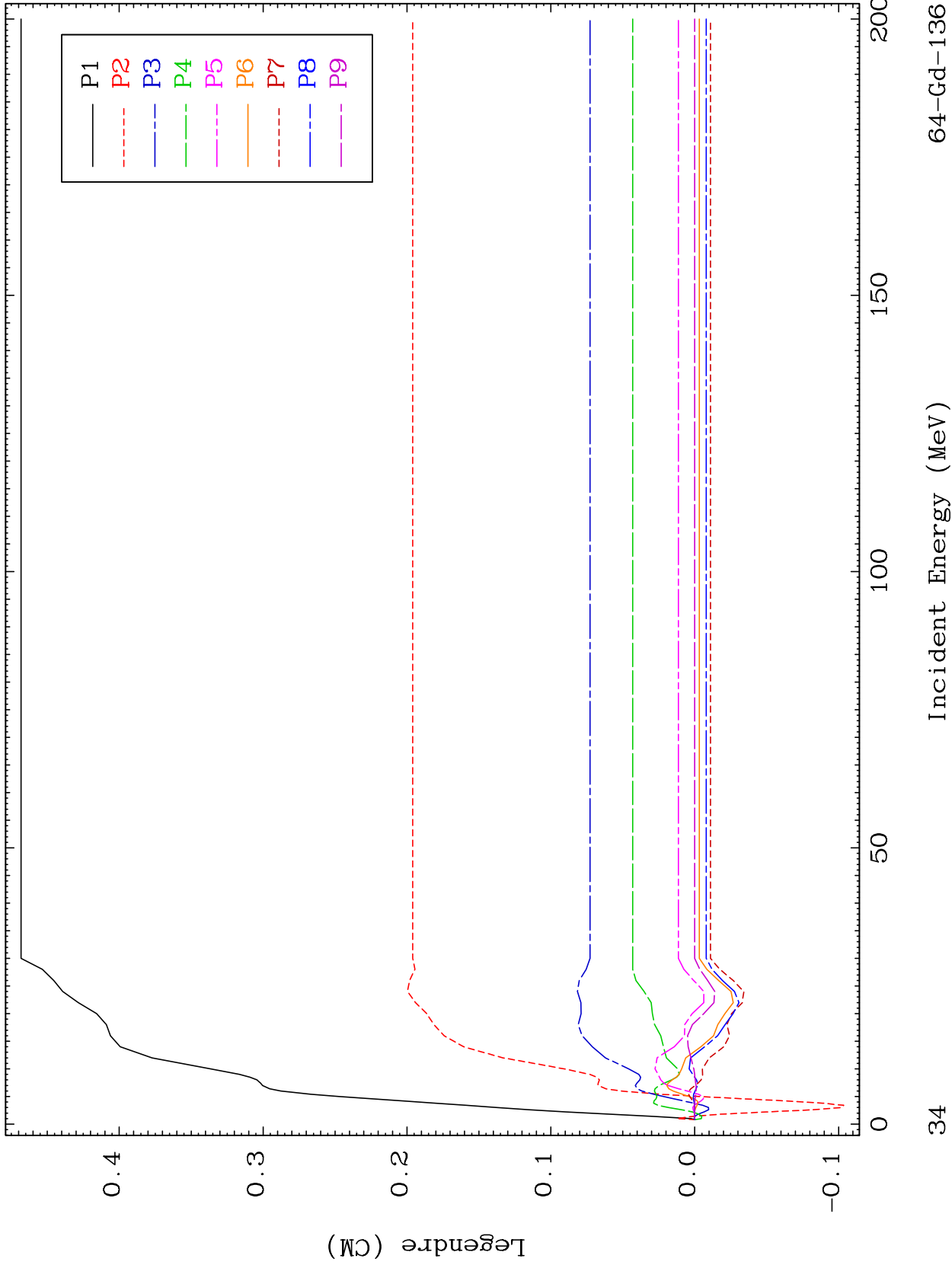
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MAT 63777

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

64-Gd-136



64-Gd-136

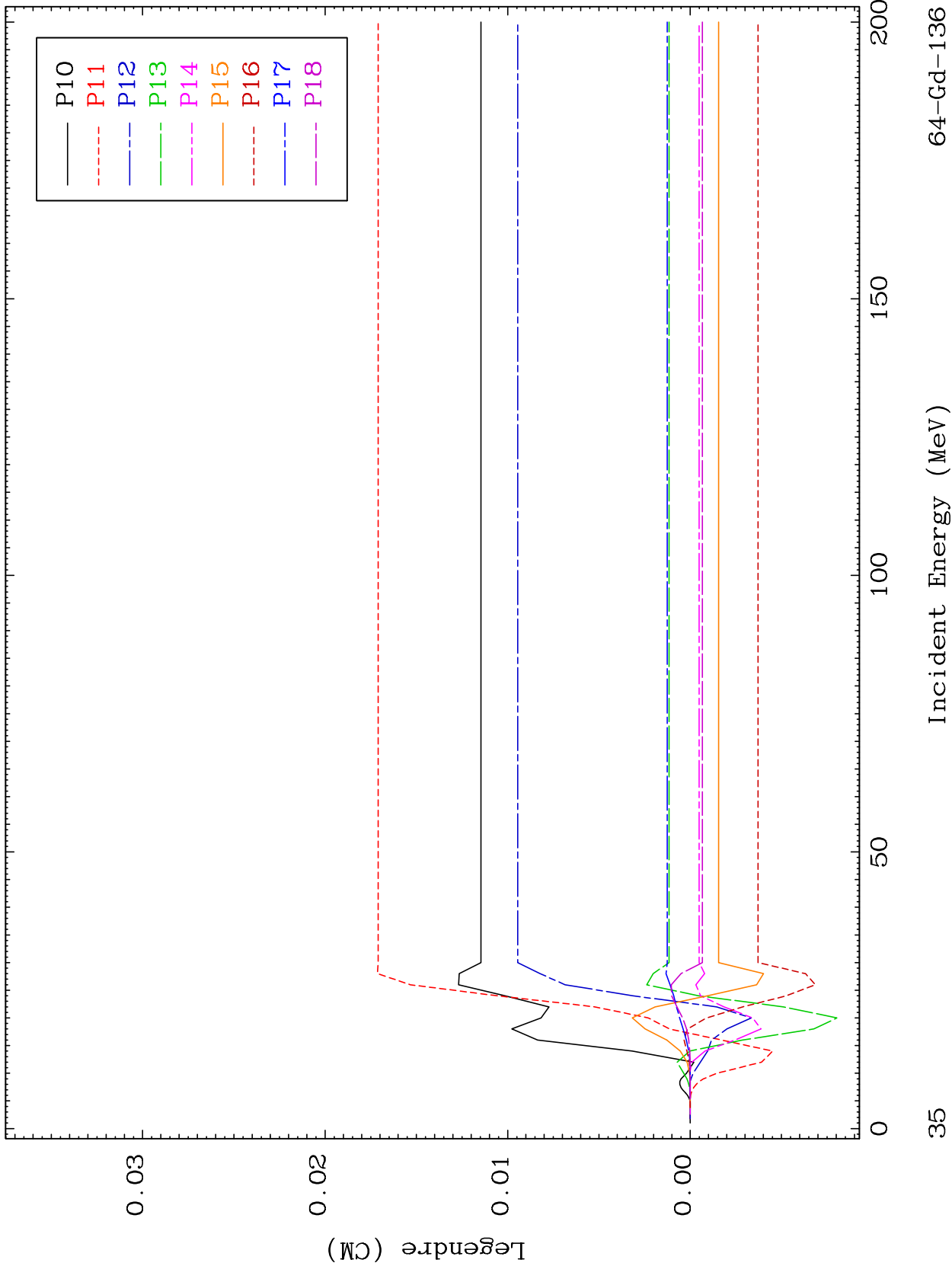
Incident Energy (MeV)

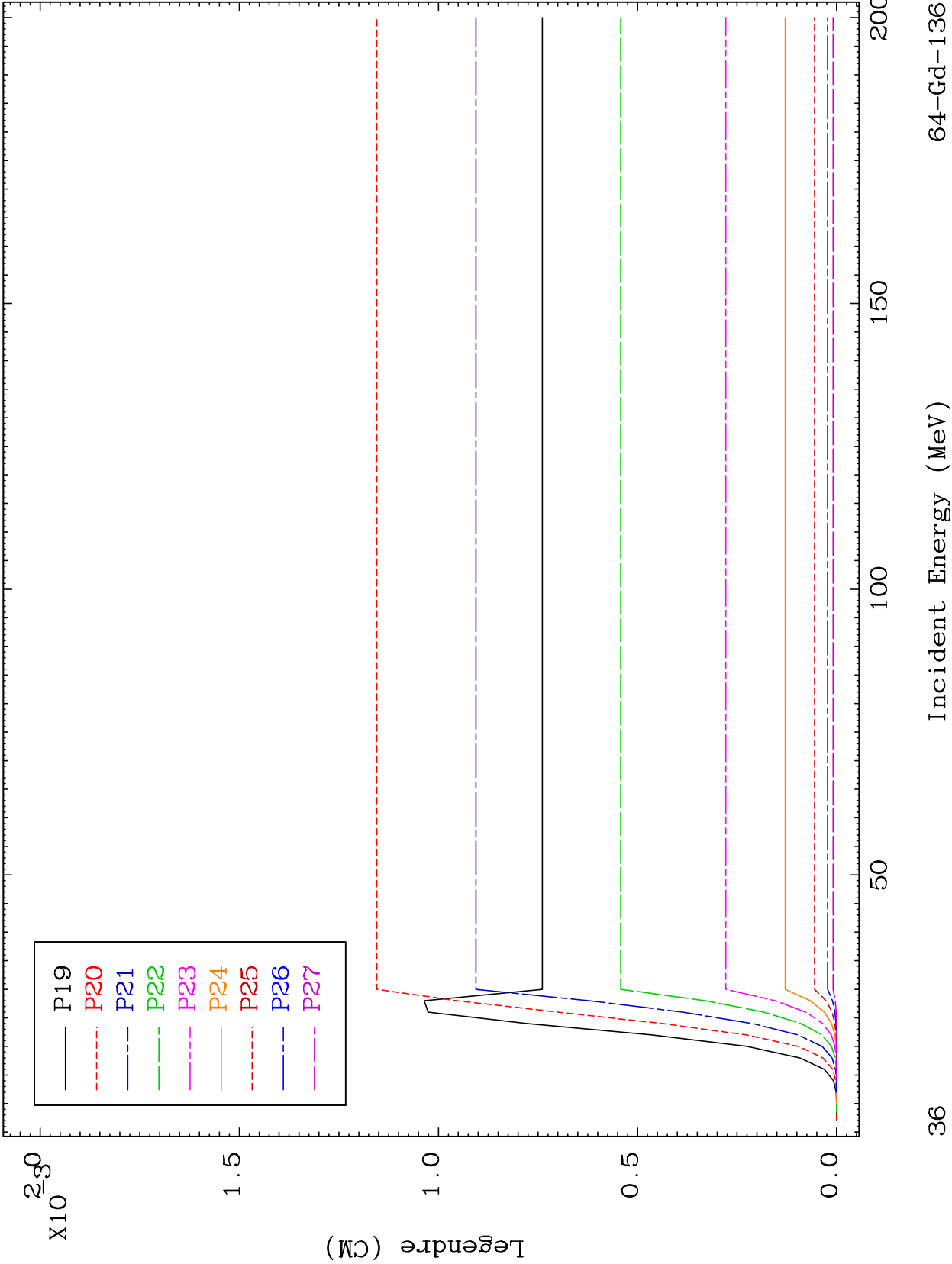
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MAT 63777

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

64-Gd-136

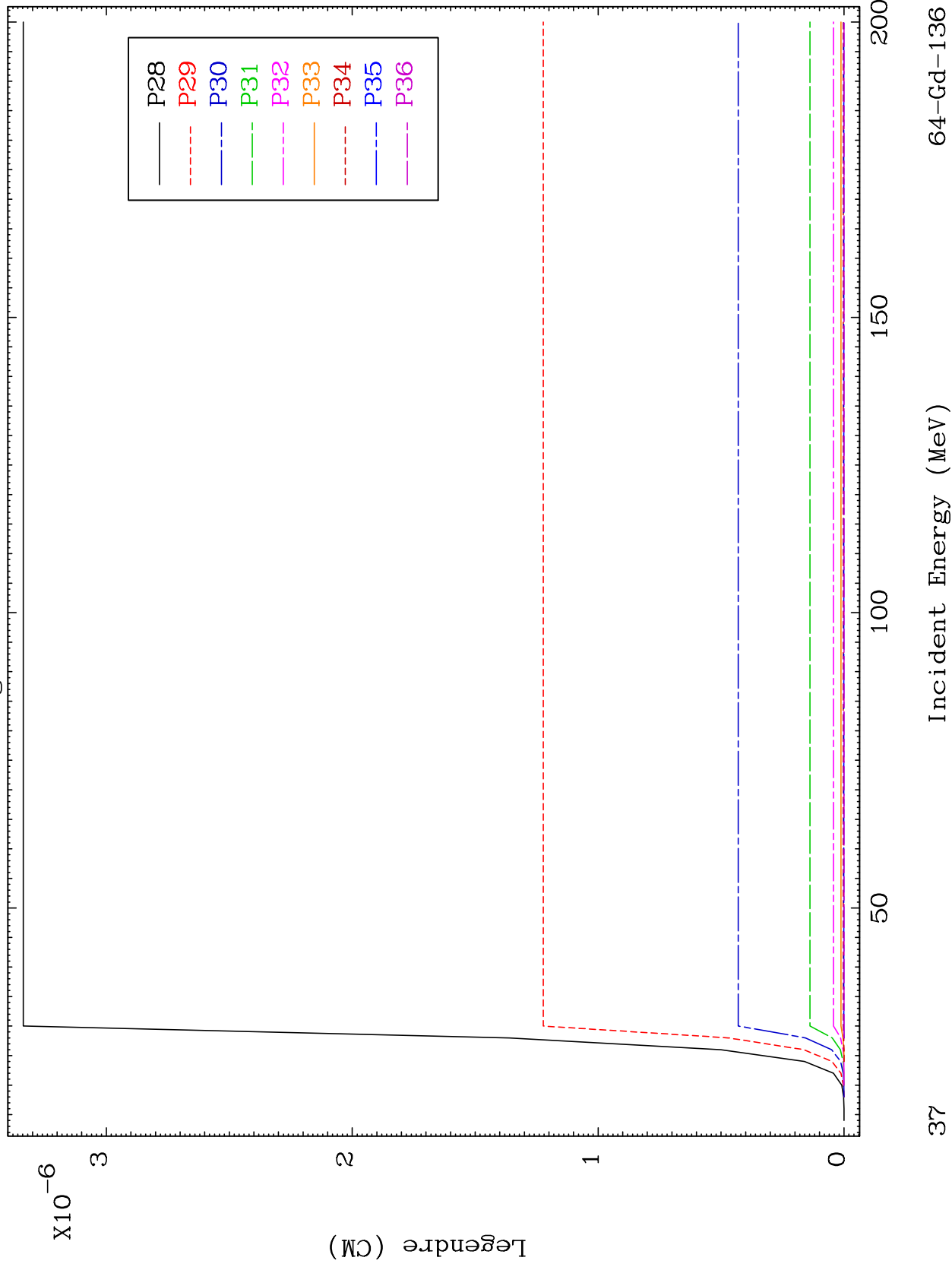




MAT 6377

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

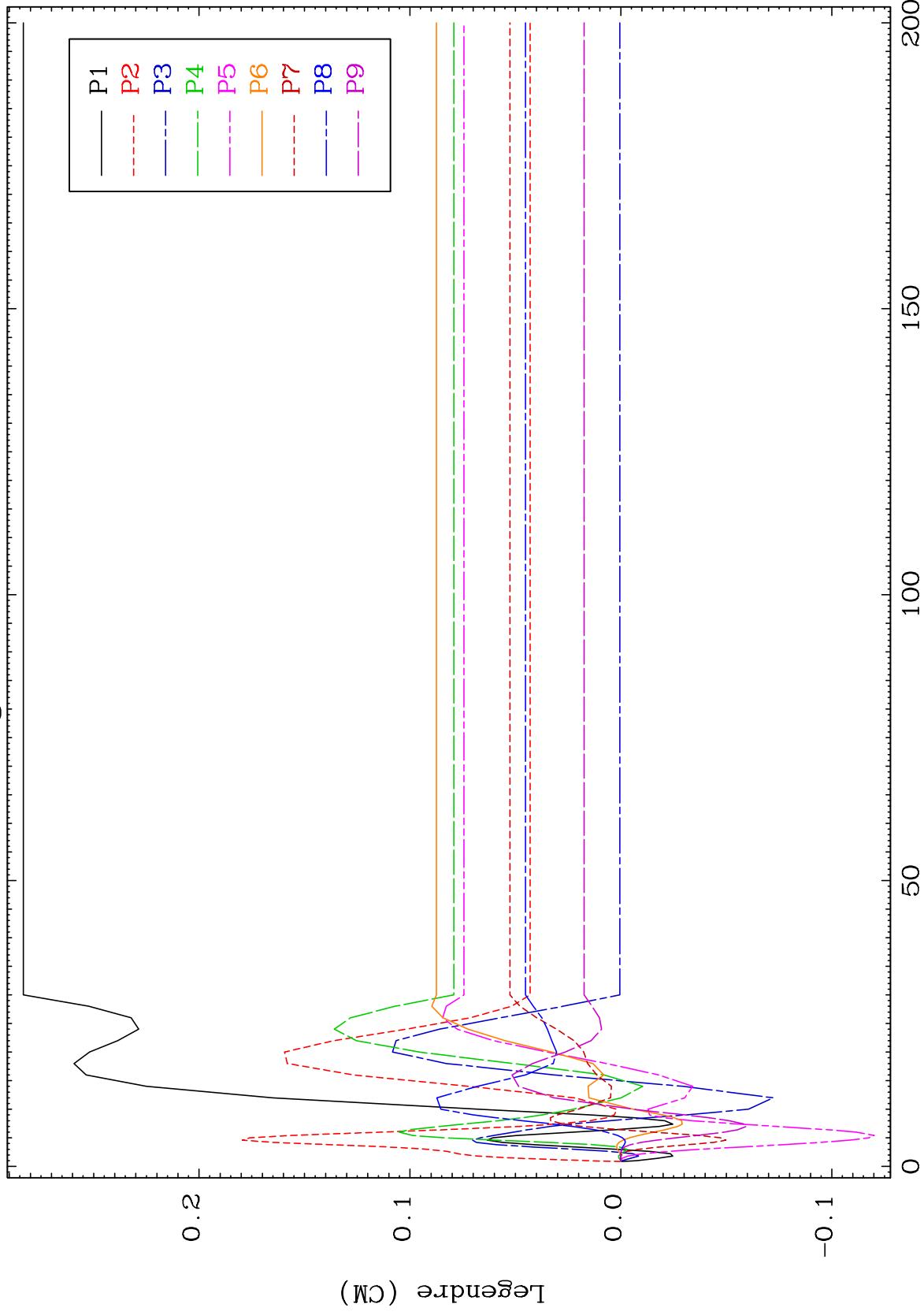
64-Gd-136



MAT 6377

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

64-Gd-136



38

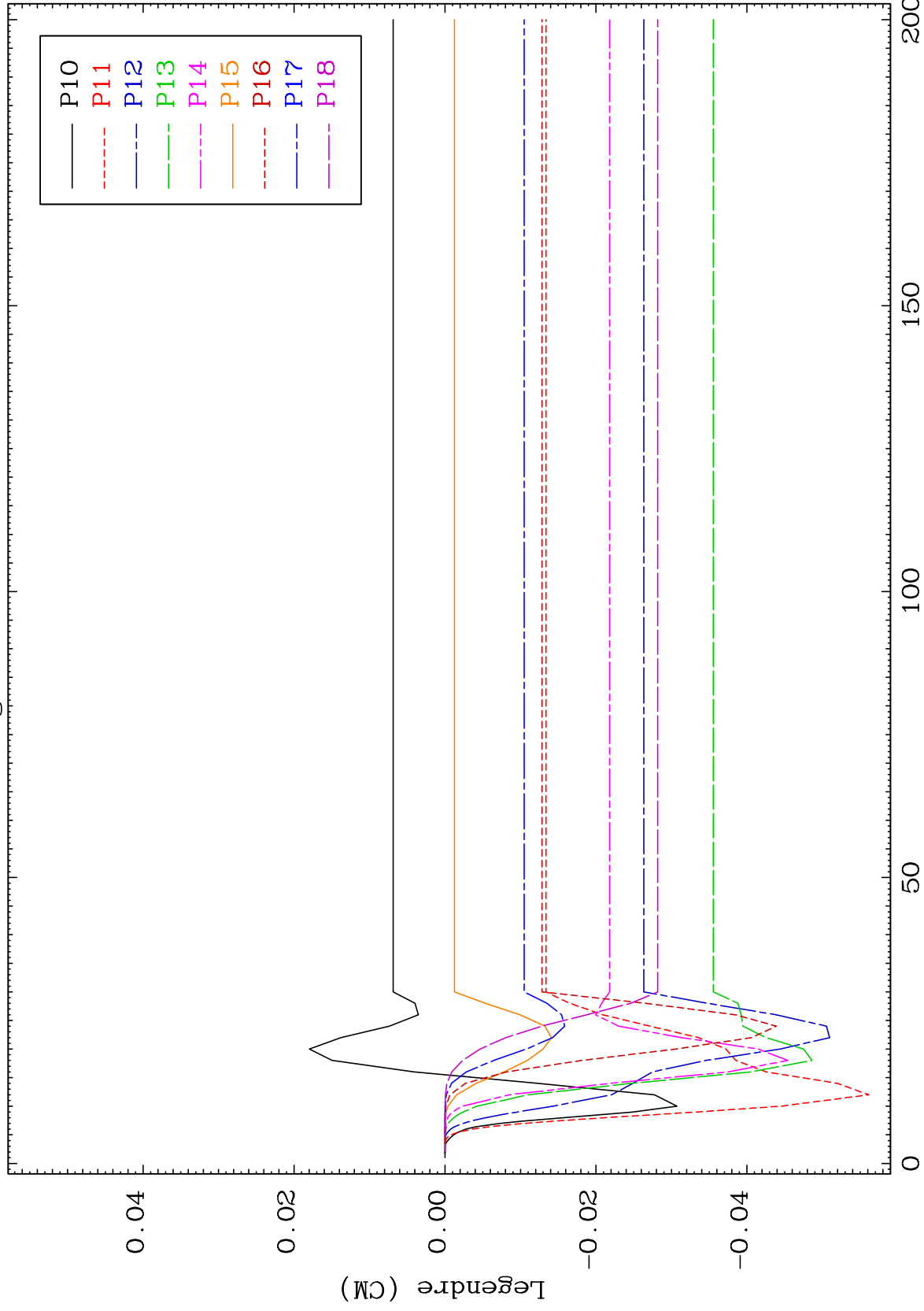
Incident Energy (MeV)

64-Gd-136

MAT 6377

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

64-Gd-136



39

Incident Energy (MeV)

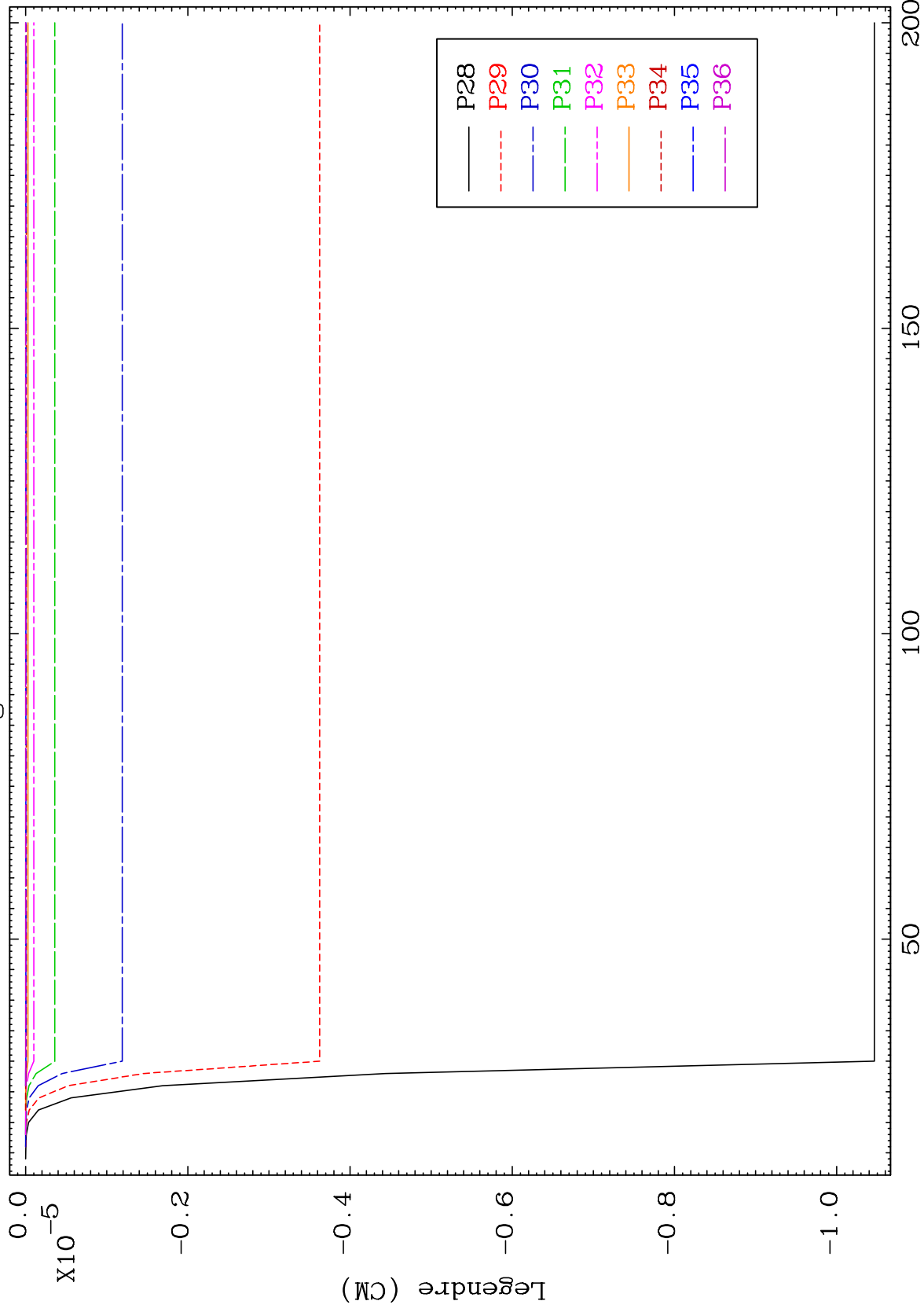
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MAT 6377

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

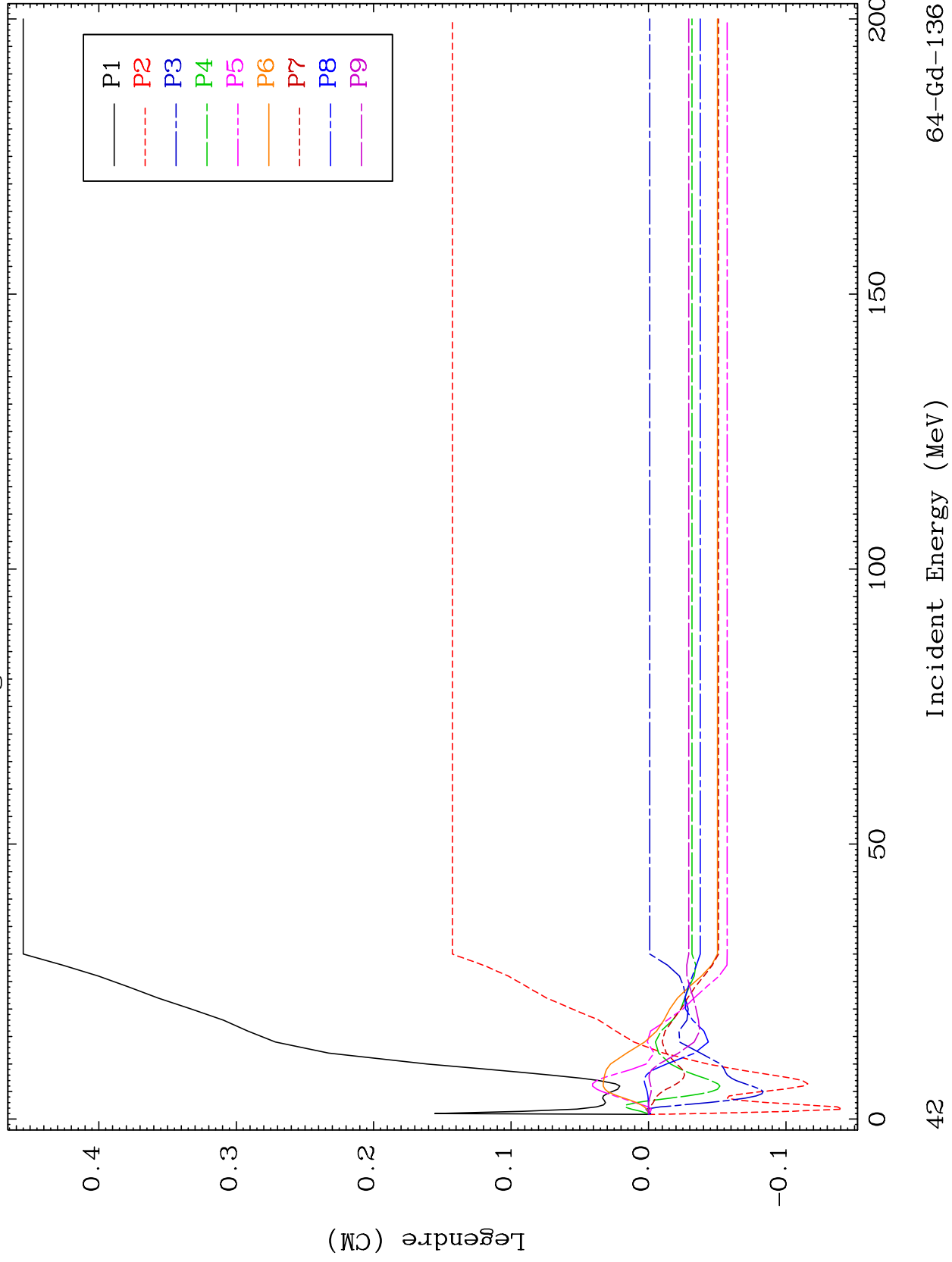
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MAT 6377

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

64-Gd-136



64-Gd-136

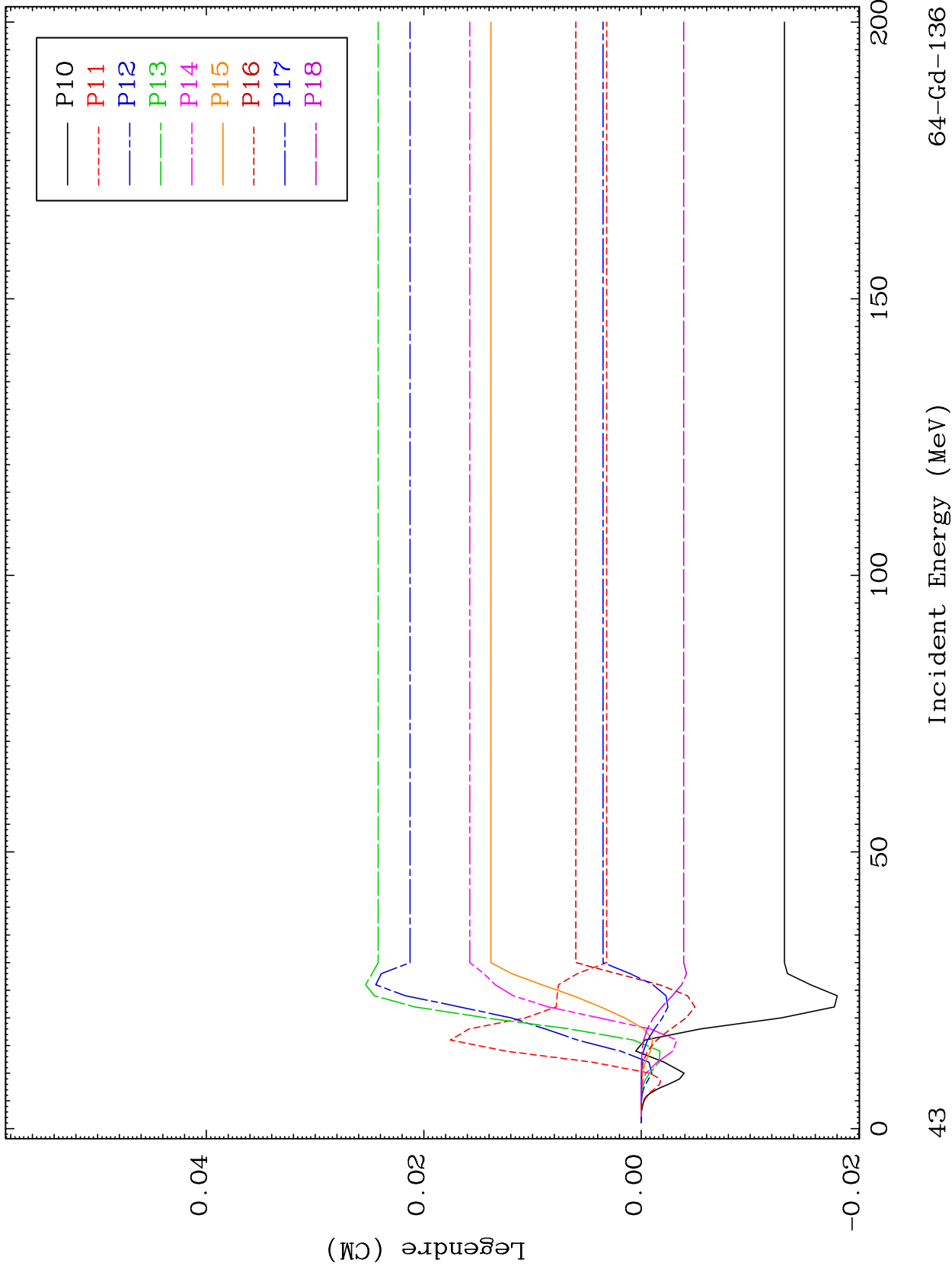
Incident Energy (MeV)

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MAT 6377

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

64-Gd-136



64-Gd-136

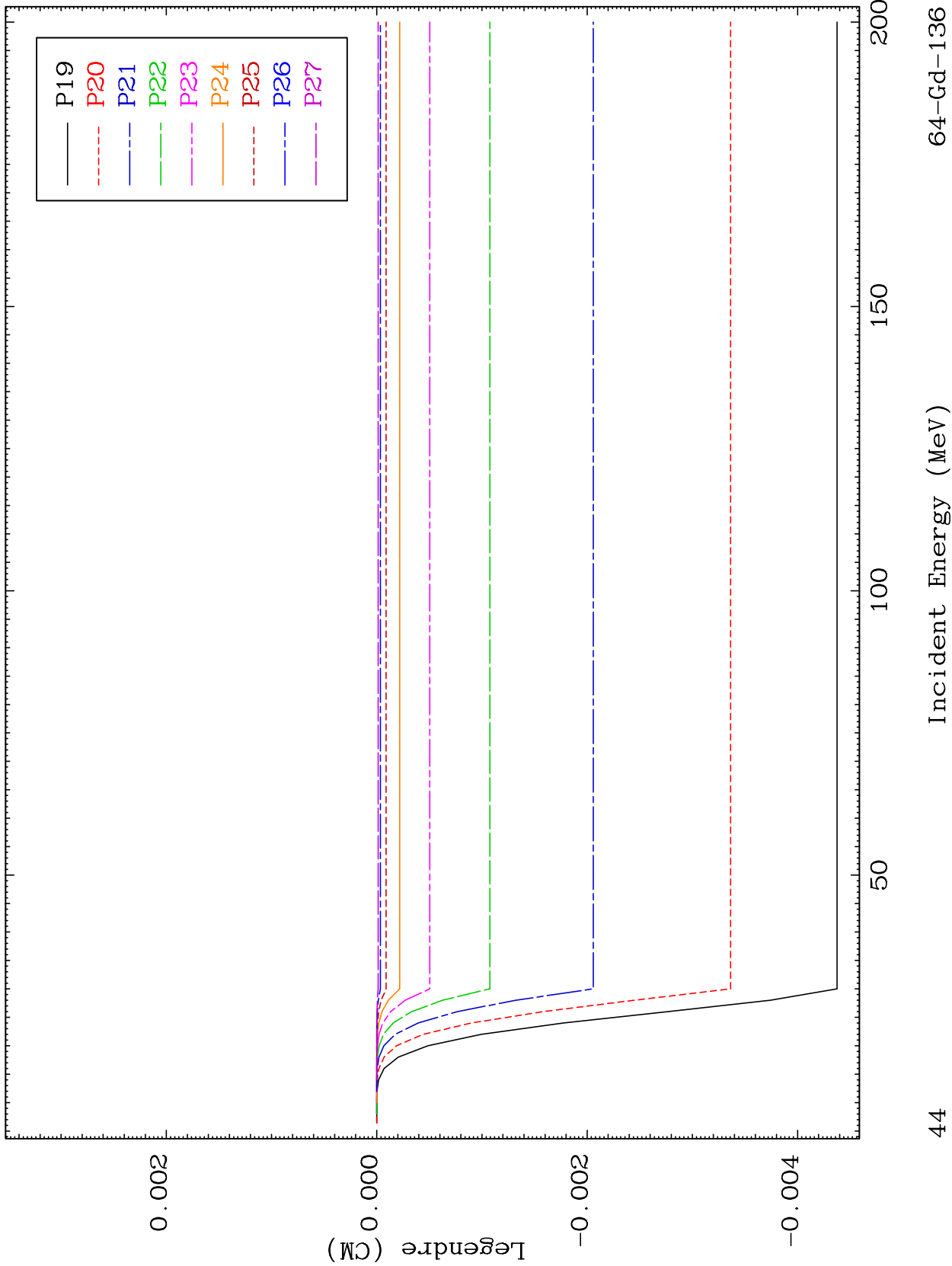
Incident Energy (MeV)

43

MAT 6377

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

64-Gd-136



44

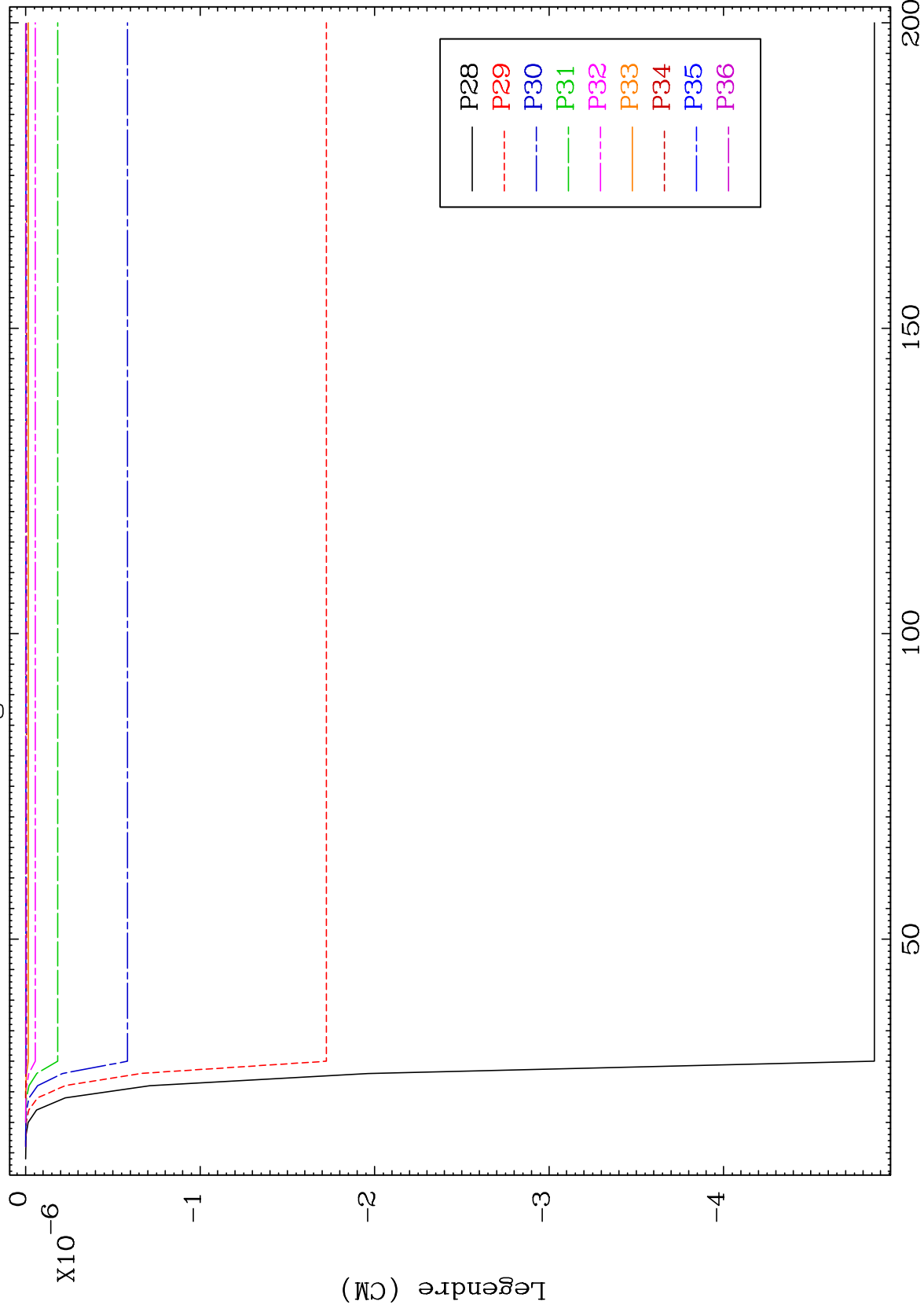
Incident Energy (MeV)

64-Gd-136

MAT 6377

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

64-Gd-136



45

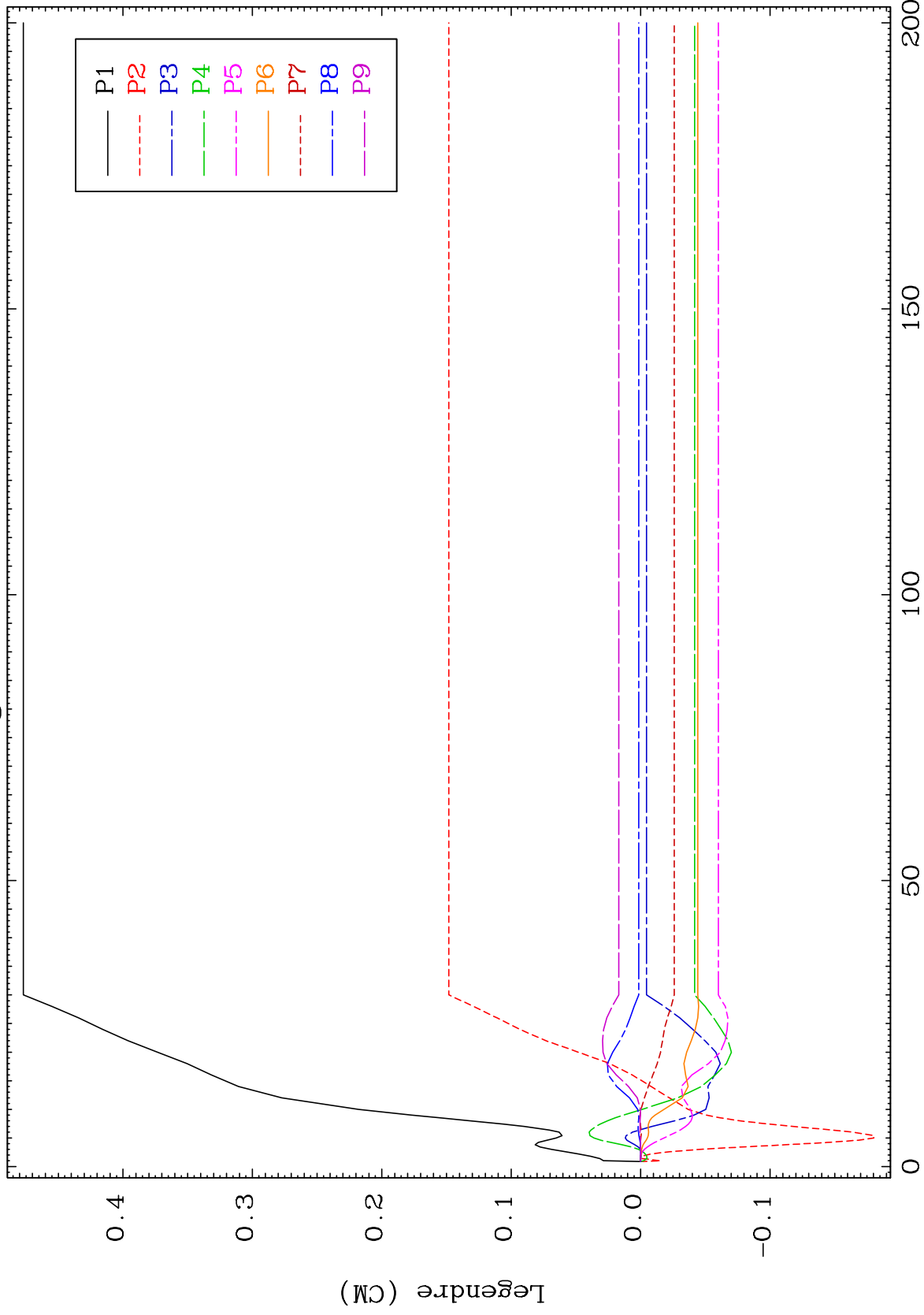
Incident Energy (MeV)

64-Gd-136

MAT 6377

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

64-Gd-136



46

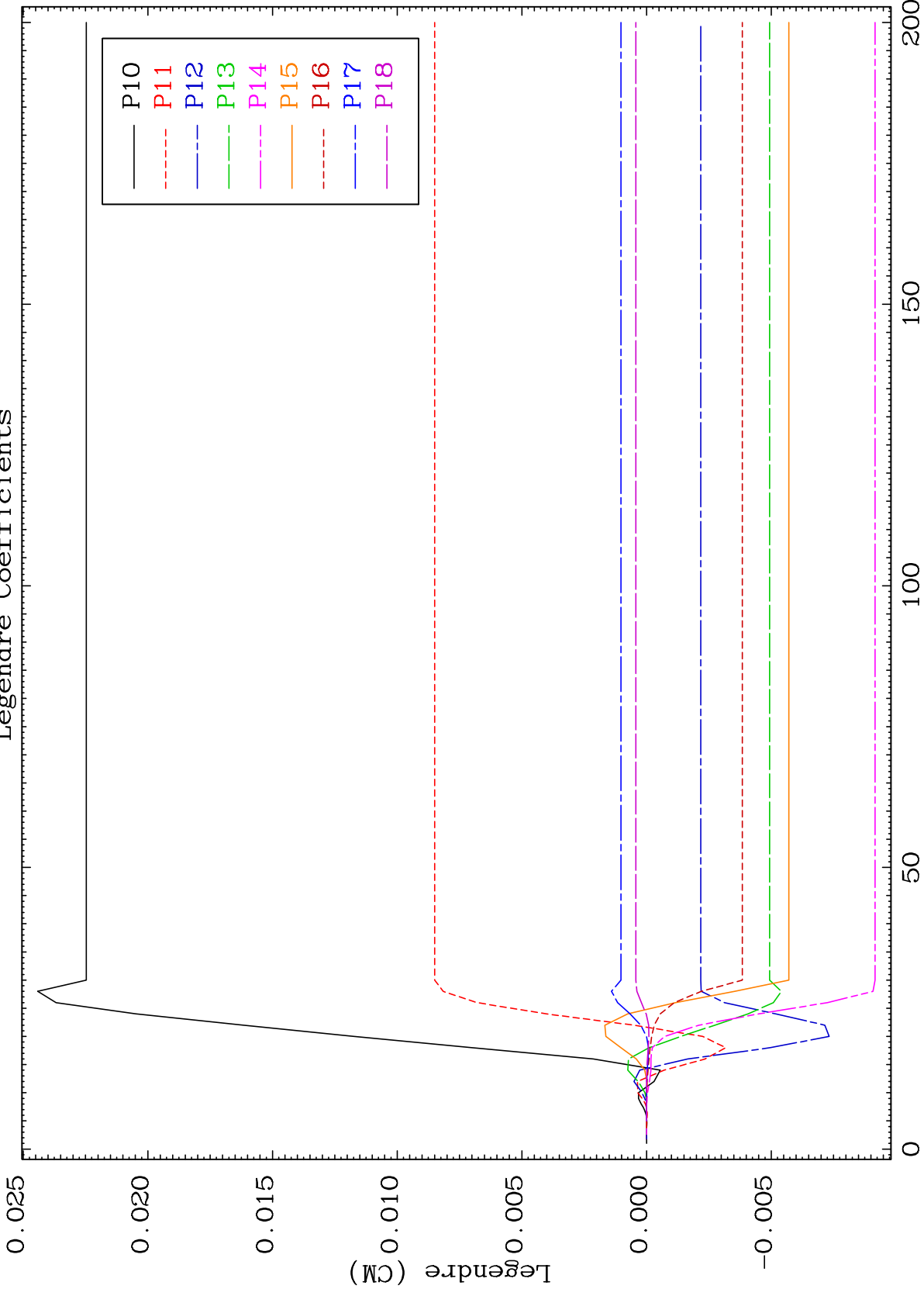
Incident Energy (MeV)

64-Gd-136

MAT 6377

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

64-Gd-136



47

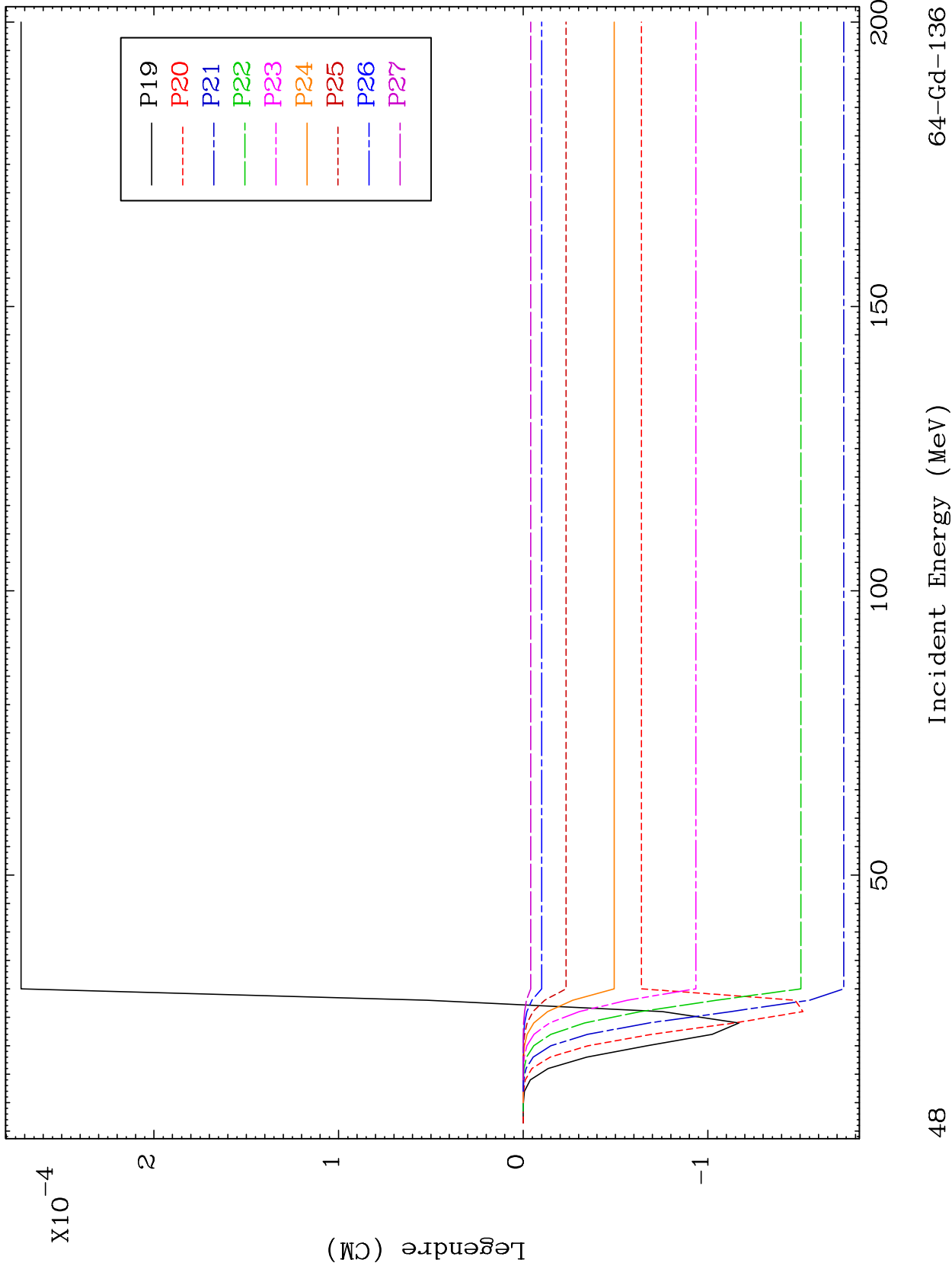
Incident Energy (MeV)

64-Gd-136

MAT 6377

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

64-Gd-136



48

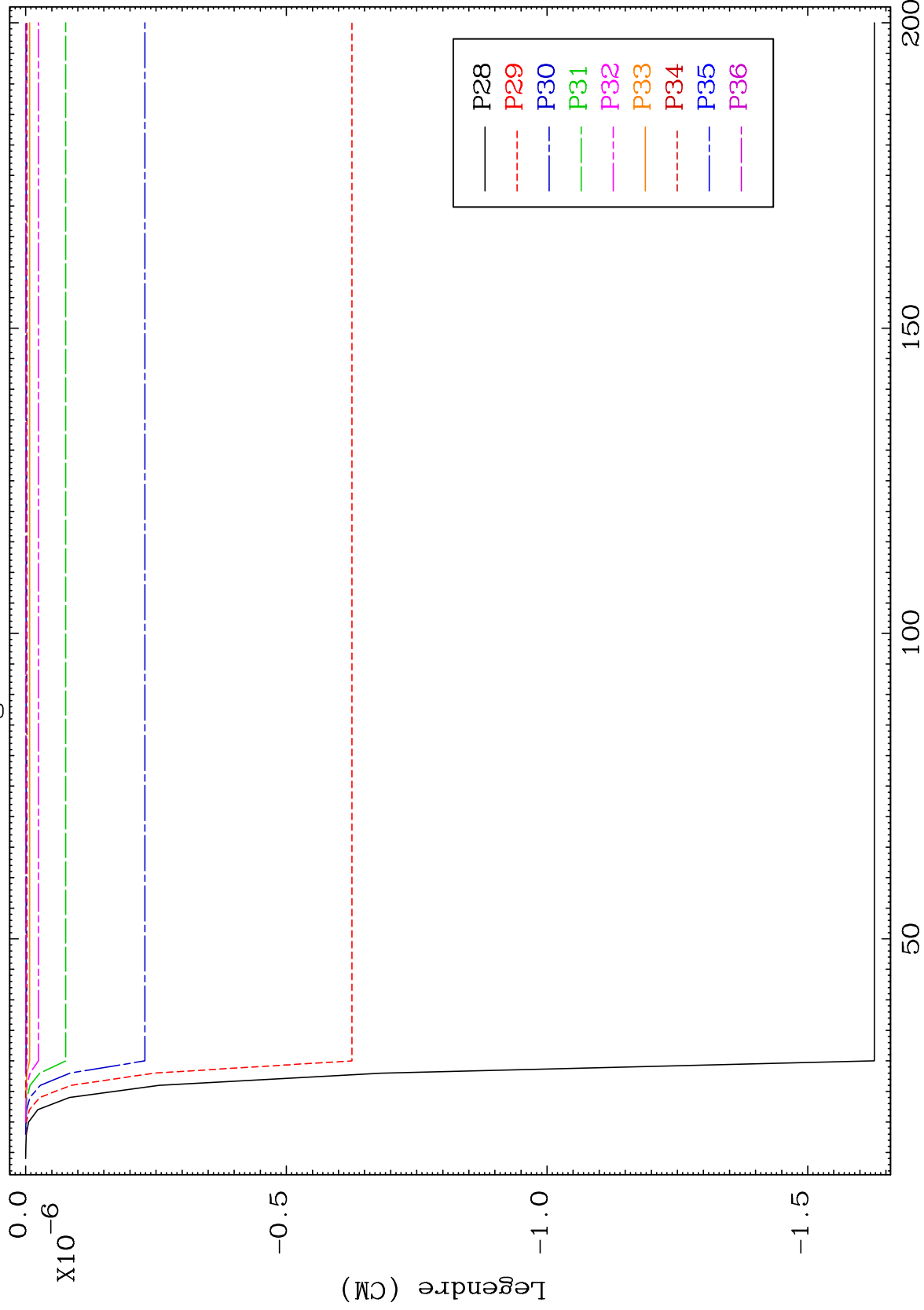
Incident Energy (MeV)

64-Gd-136

MAT 6377

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

64-Gd-136



49

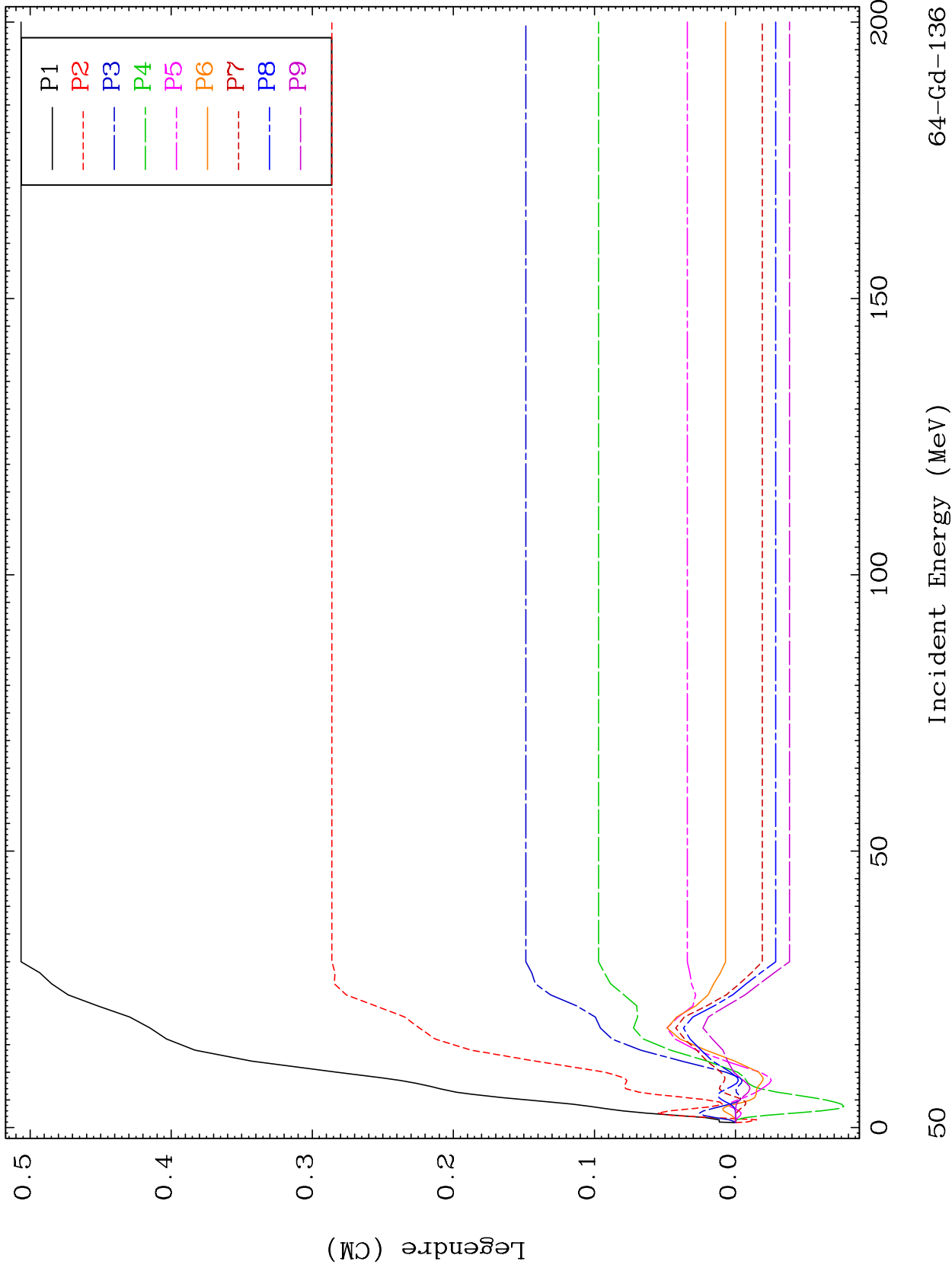
Incident Energy (MeV)

64-Gd-136

MAT 6377

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

64-Gd-136



64-Gd-136

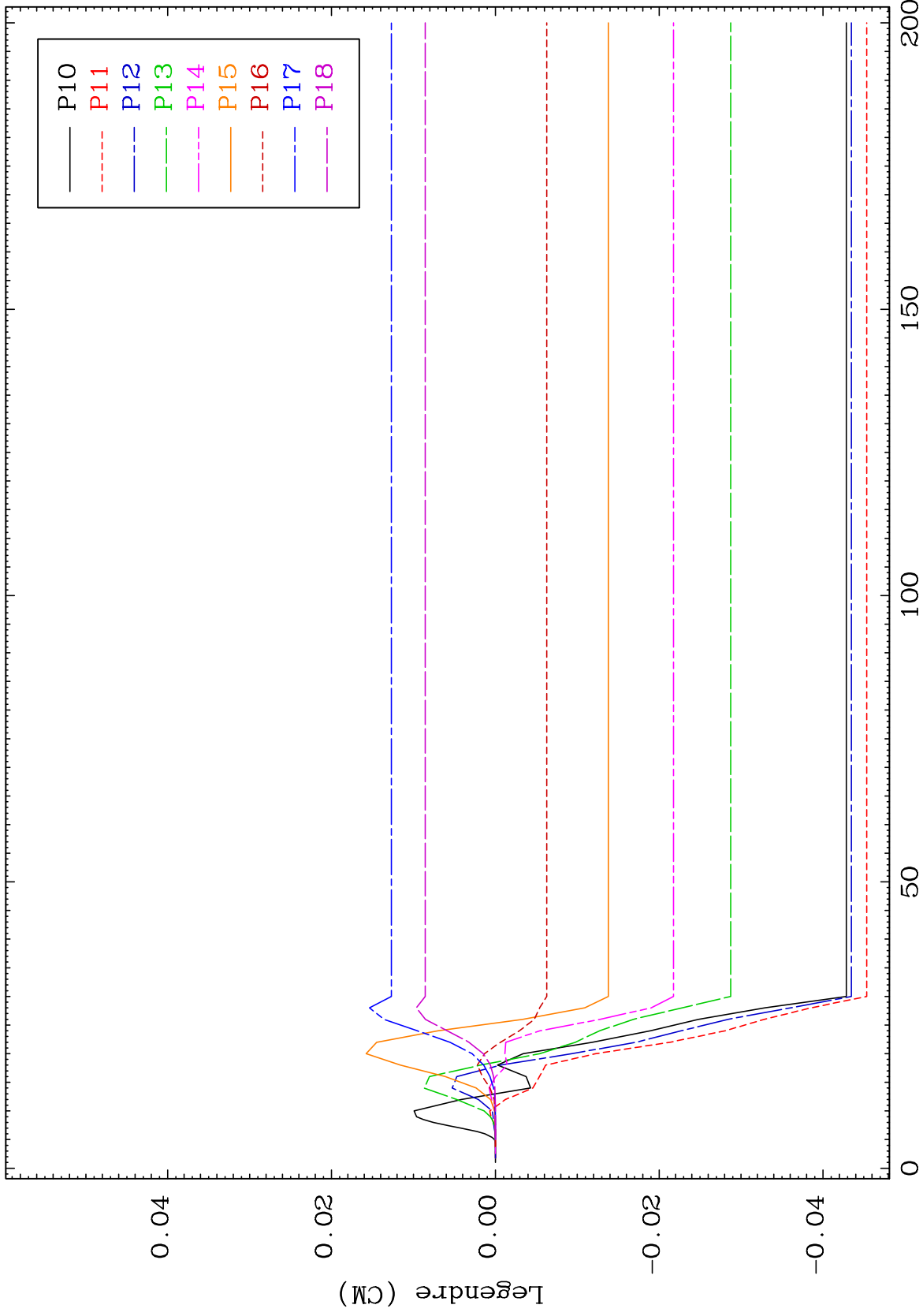
Incident Energy (MeV)

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MAT 6377

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

64-Gd-136



51

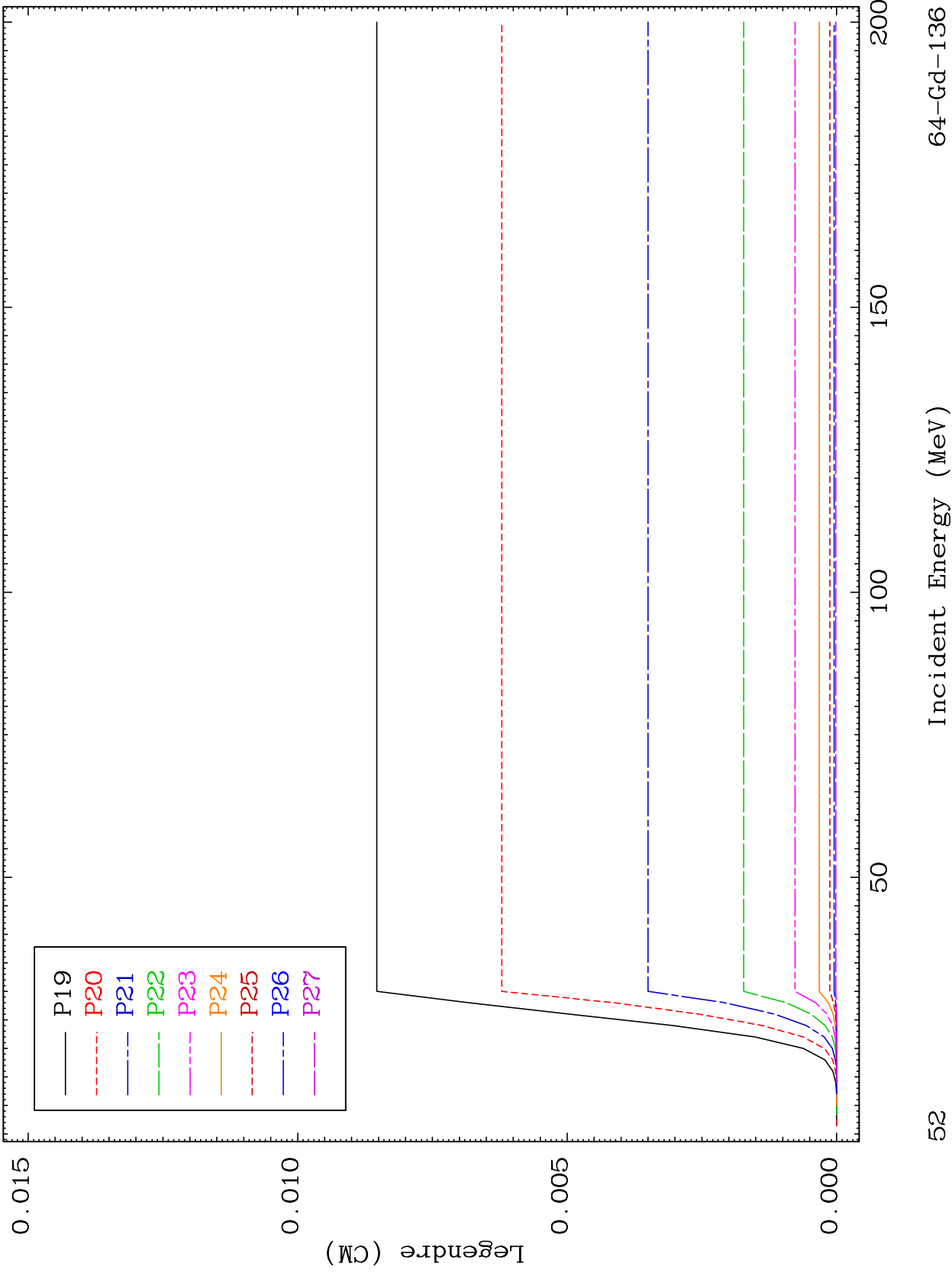
Incident Energy (MeV)

64-Gd-136

MAT 63777

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

64-Gd-136



52

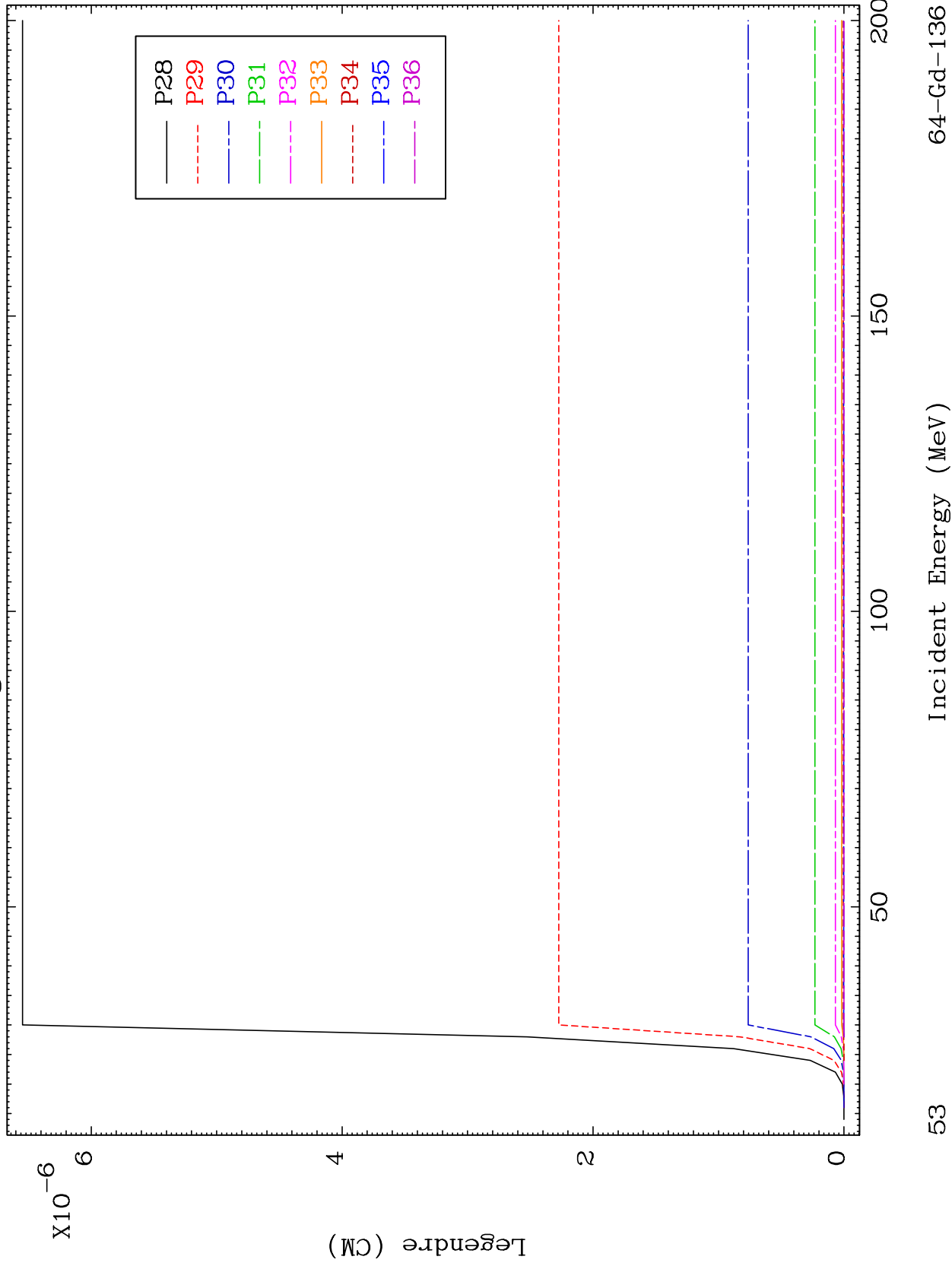
Incident Energy (MeV)

64-Gd-136

MAT 6377

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

64-Gd-136

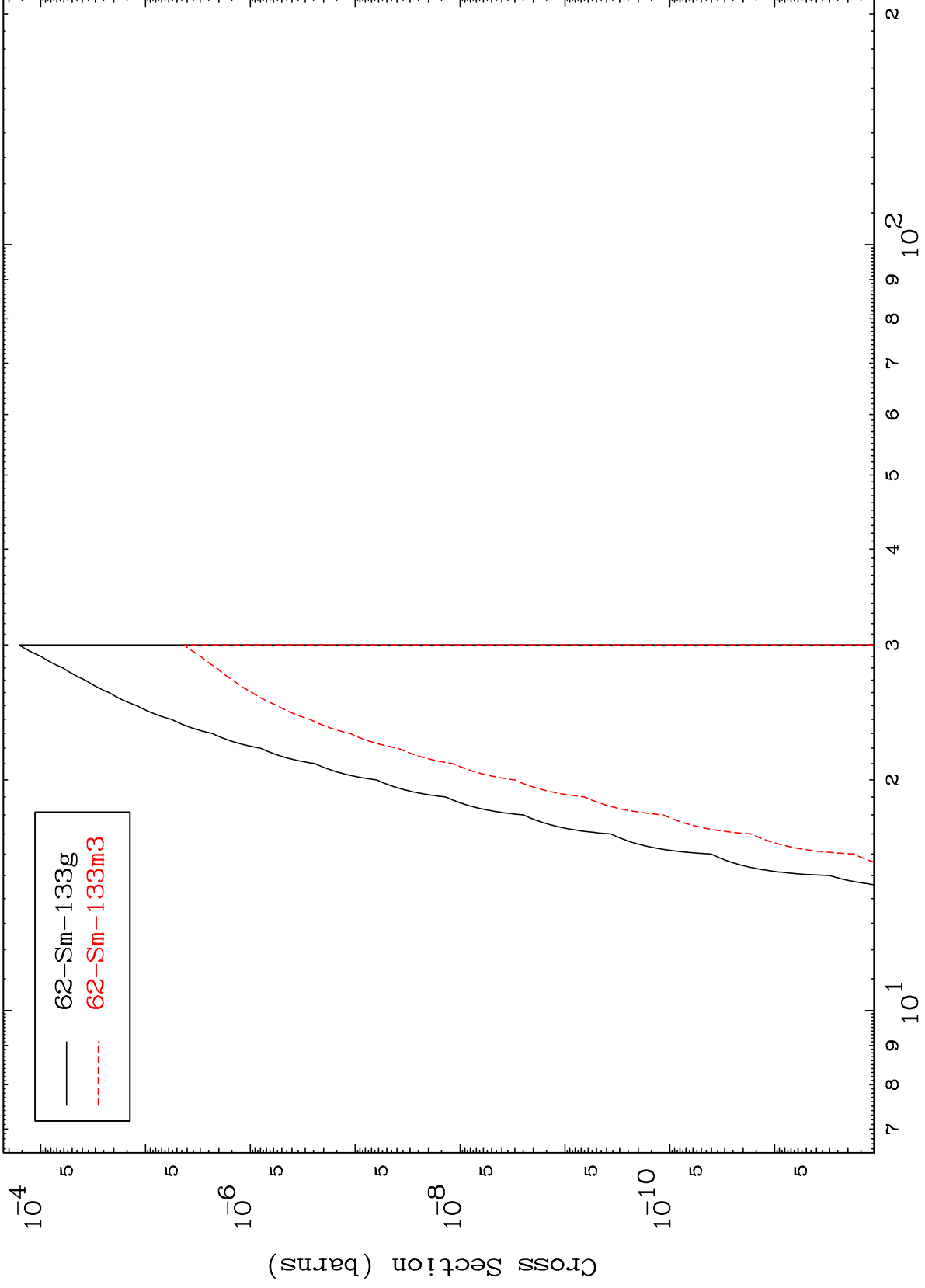


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(n,n') He-3

64-Gd-136

Radionuclide Production Cross Section



54

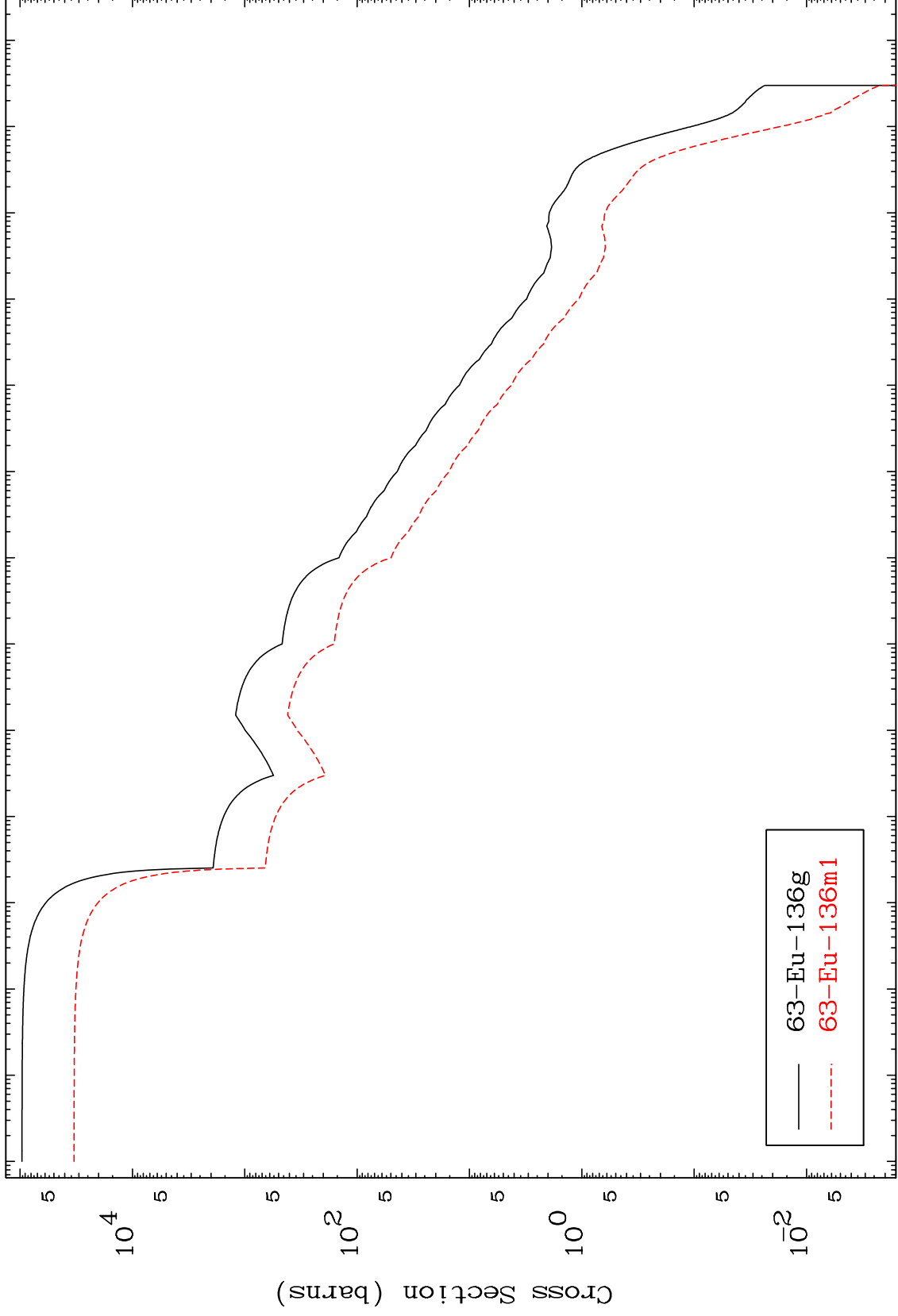
Incident Energy (MeV)

64-Gd-136

MAT 63777

64-Gd-136

(n,p)  
Radionuclide Production Cross Section



55

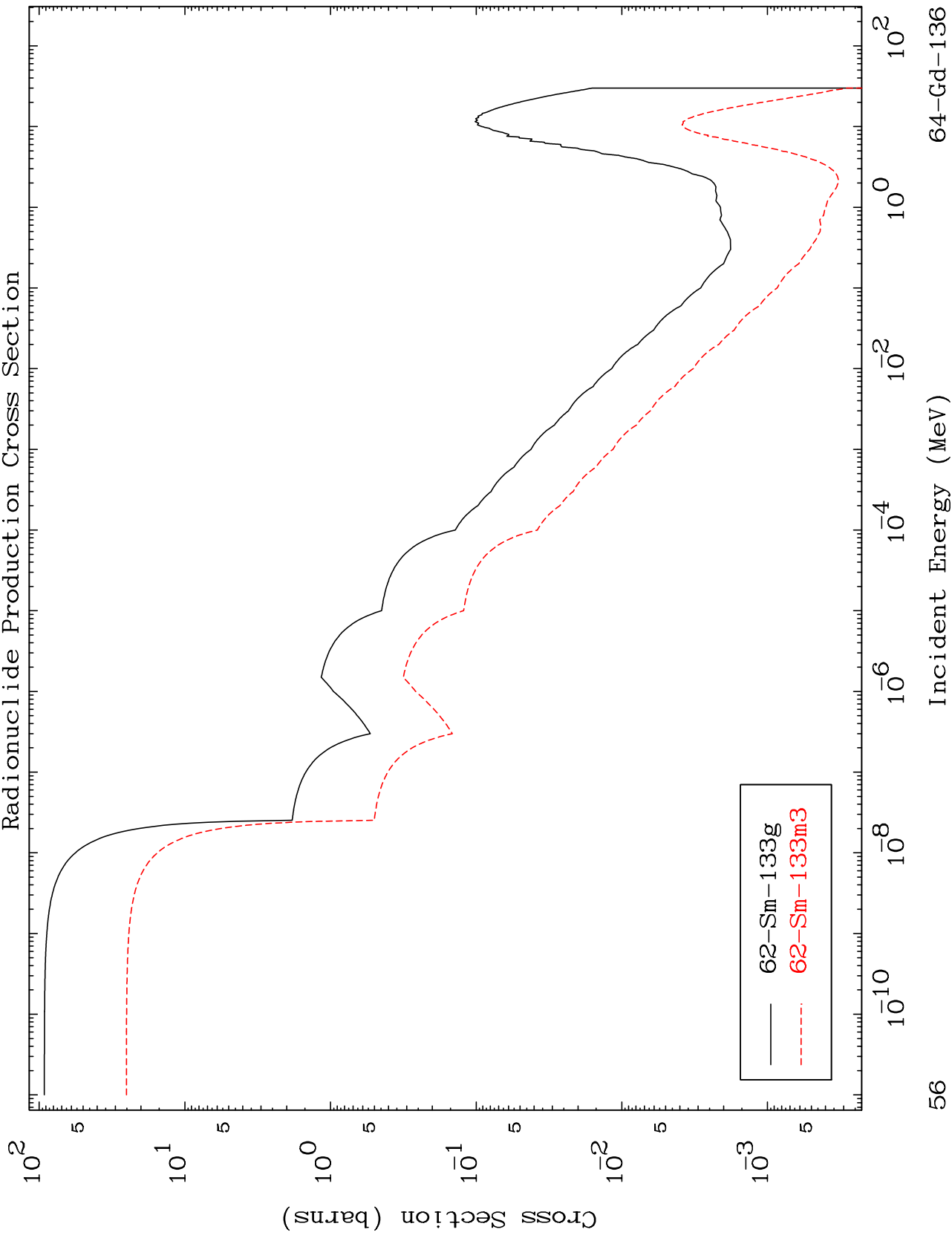
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MAT 63777

64-Gd-136

Radionuclide Production Cross Section

(n,  $\alpha$ )



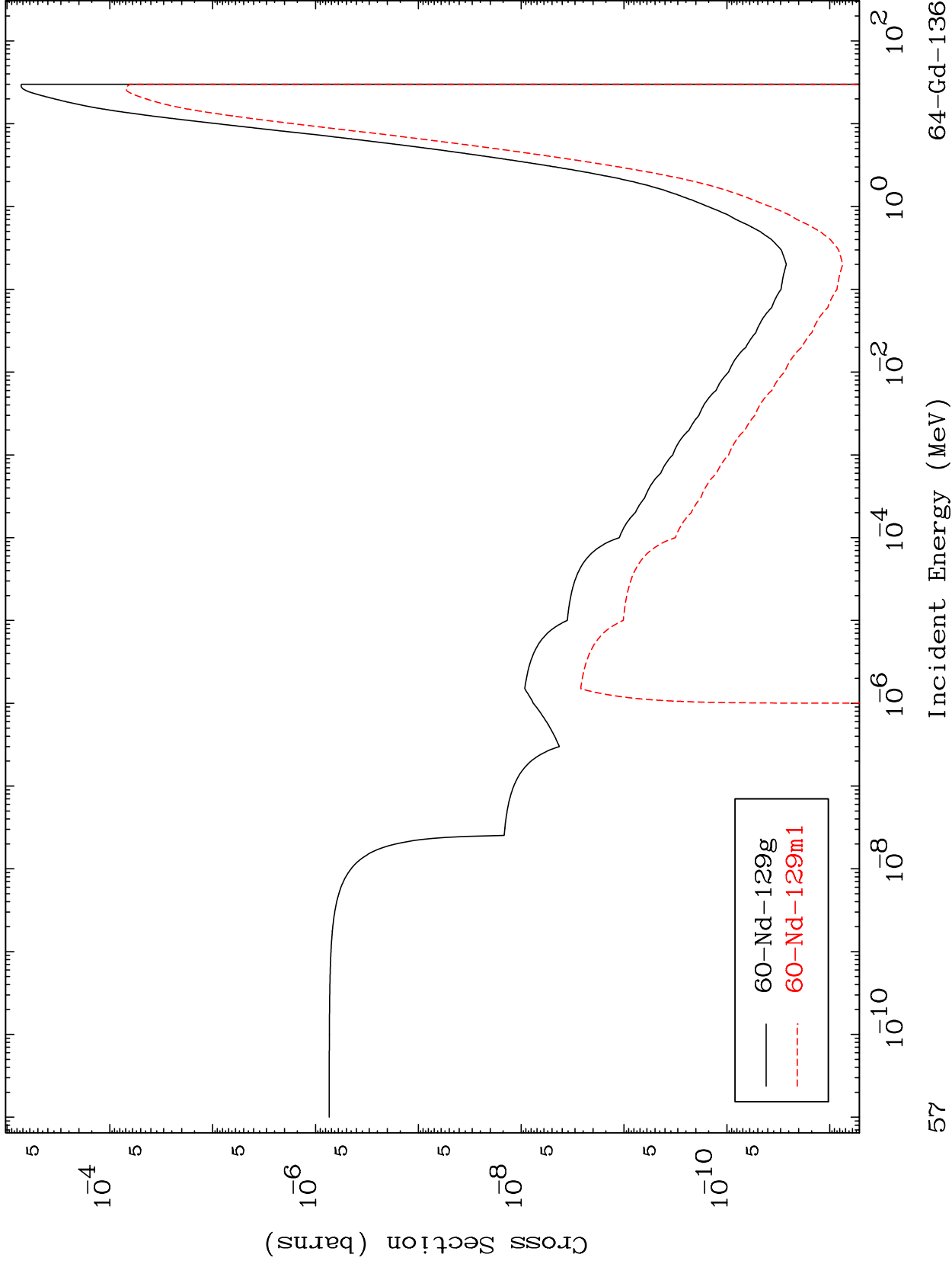
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MAT 63777

(n,2 $\alpha$ )

64-Gd-136

Radionuclide Production Cross Section

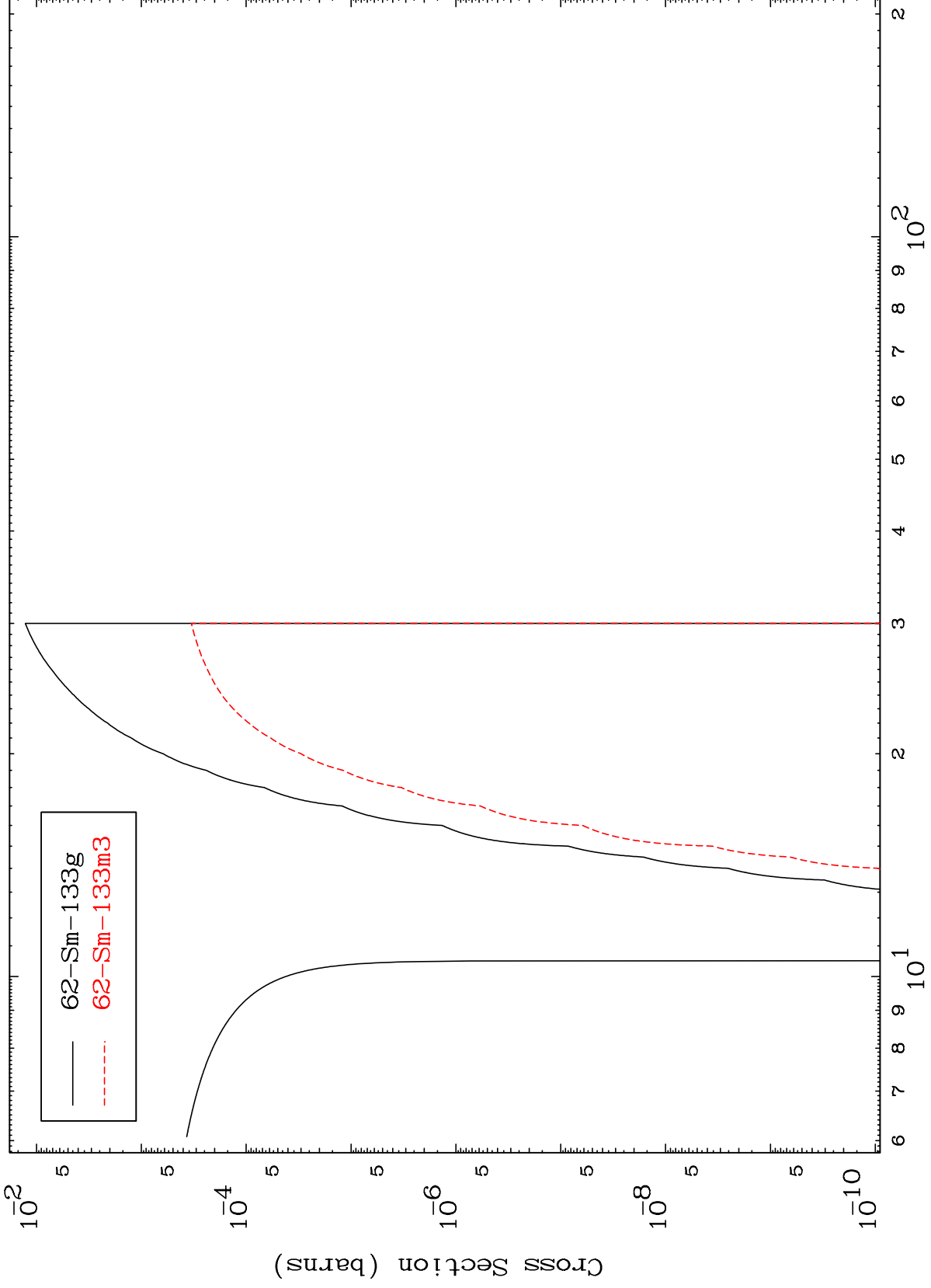


MAT 6377

(n,p) t

64-Gd-136

Radionuclide Production Cross Section



58

Incident Energy (MeV)

64-Gd-136