

Program EVALPLOT  
(Version 2018-1)

by

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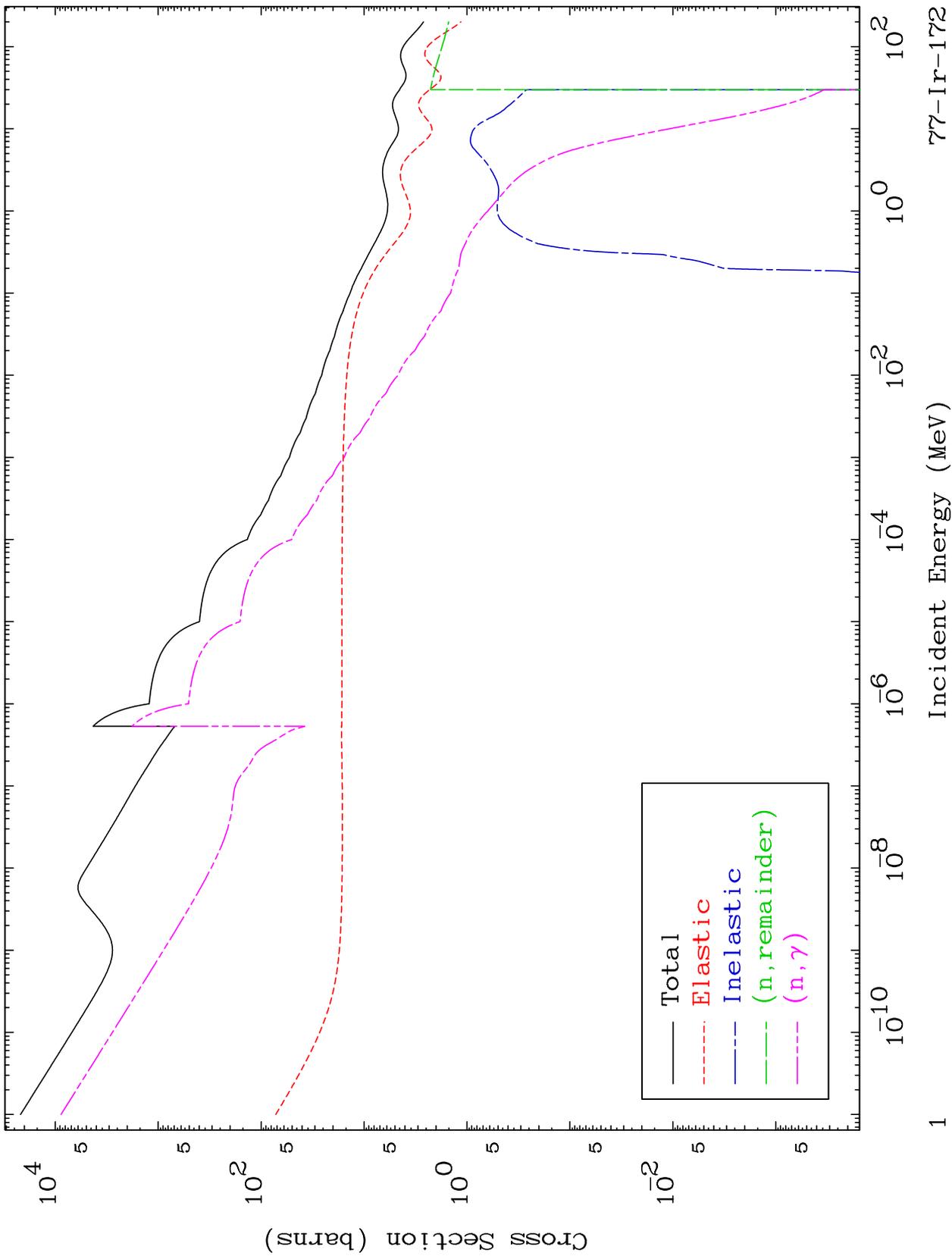
Press Mouse Button to Start

MAT 7668

Major

293 Kelvin Cross Sections

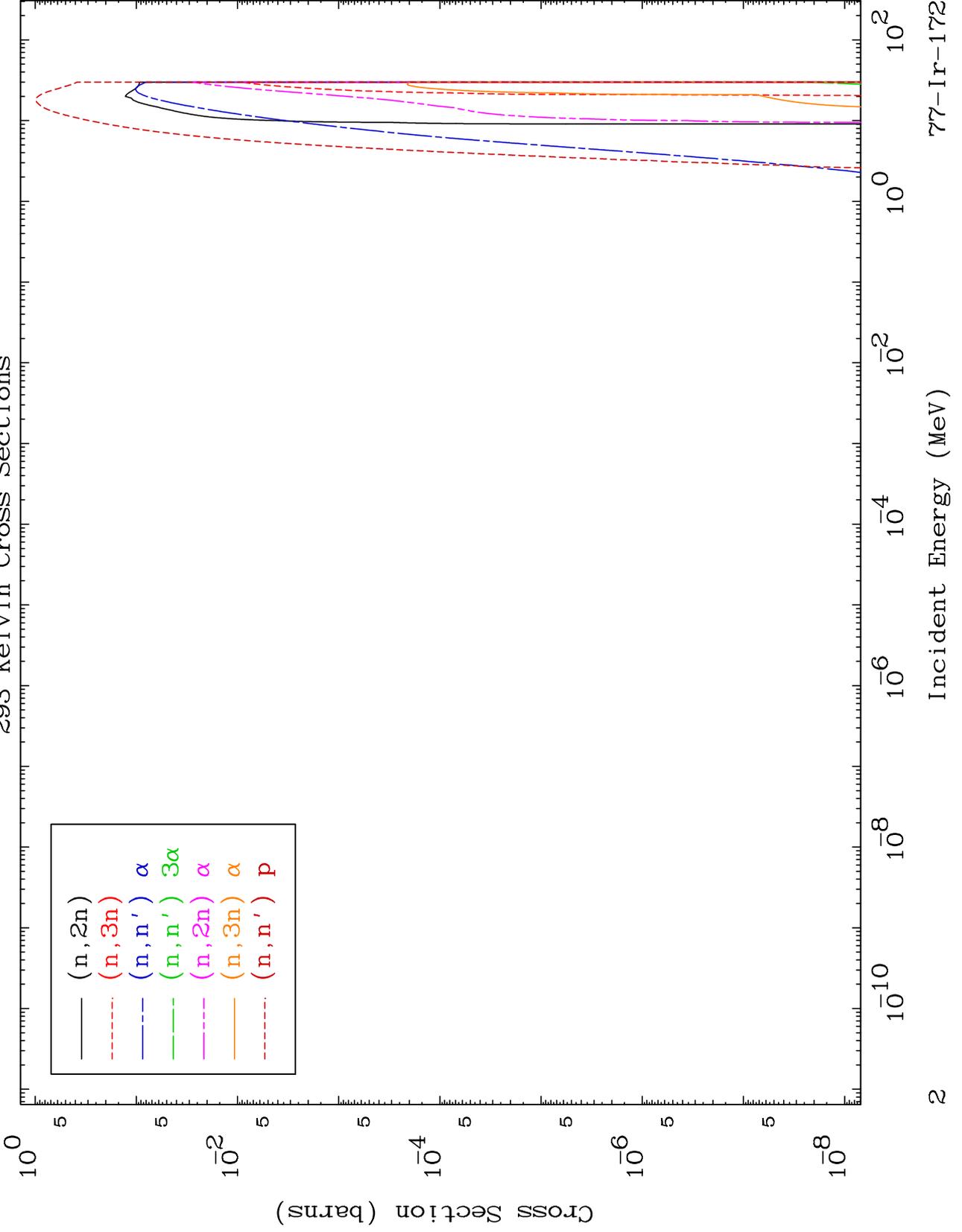
77-Ir-172



MAT 7668

Neutron Production  
293 Kelvin Cross Sections

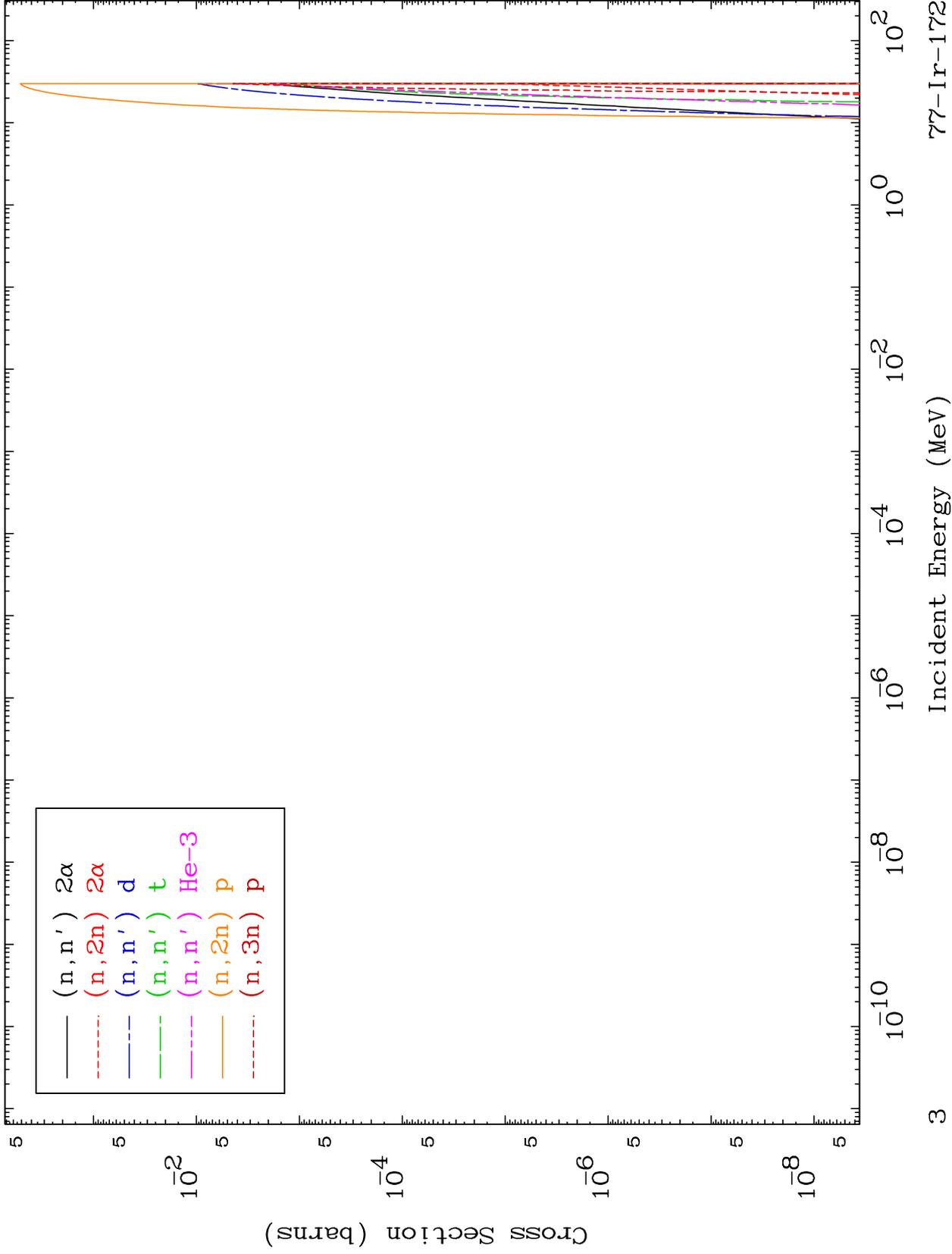
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MAT 7668

Neutron Production  
293 Kelvin Cross Sections

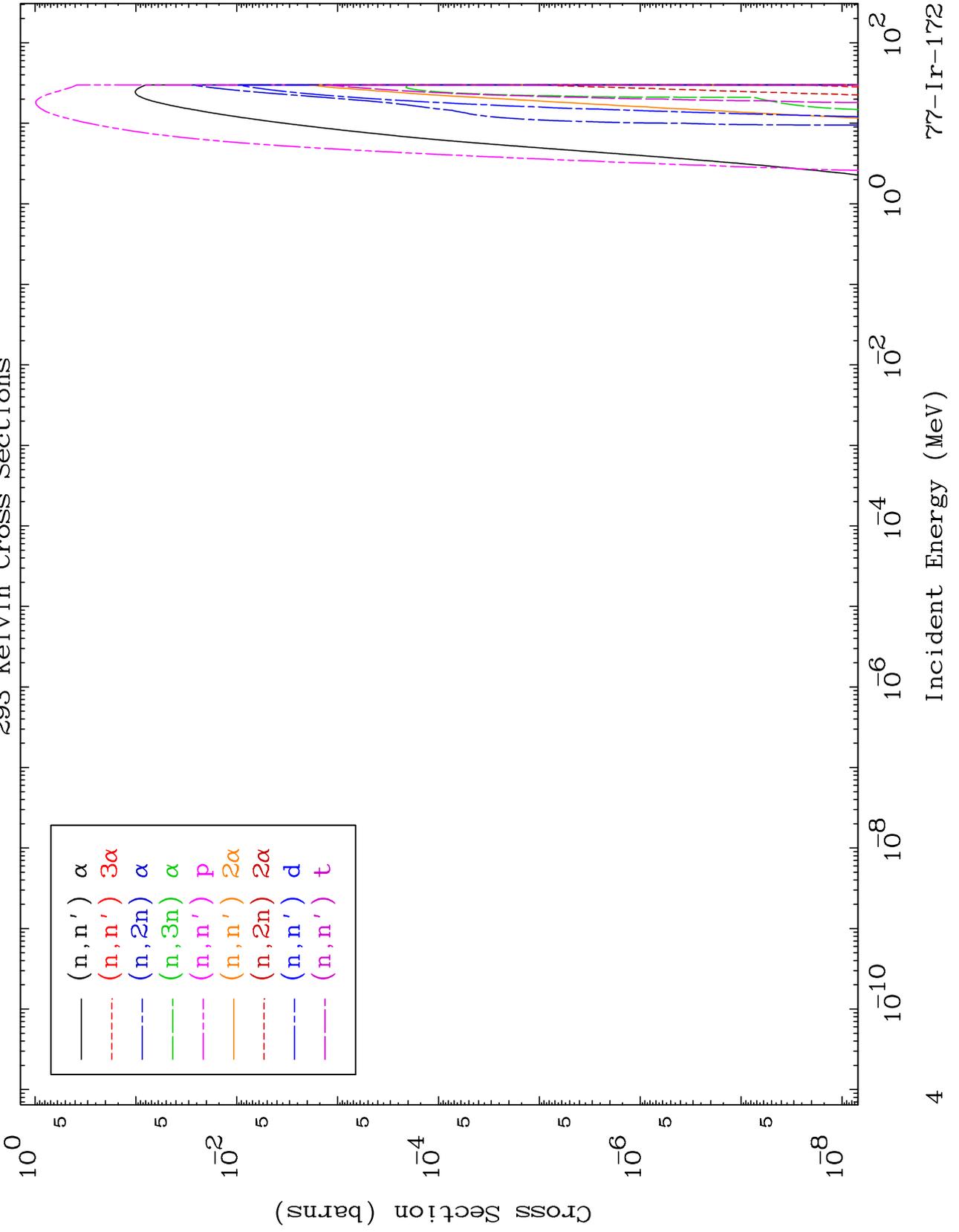
77-Ir-172



MAT 7668

Charged Particle  
293 Kelvin Cross Sections

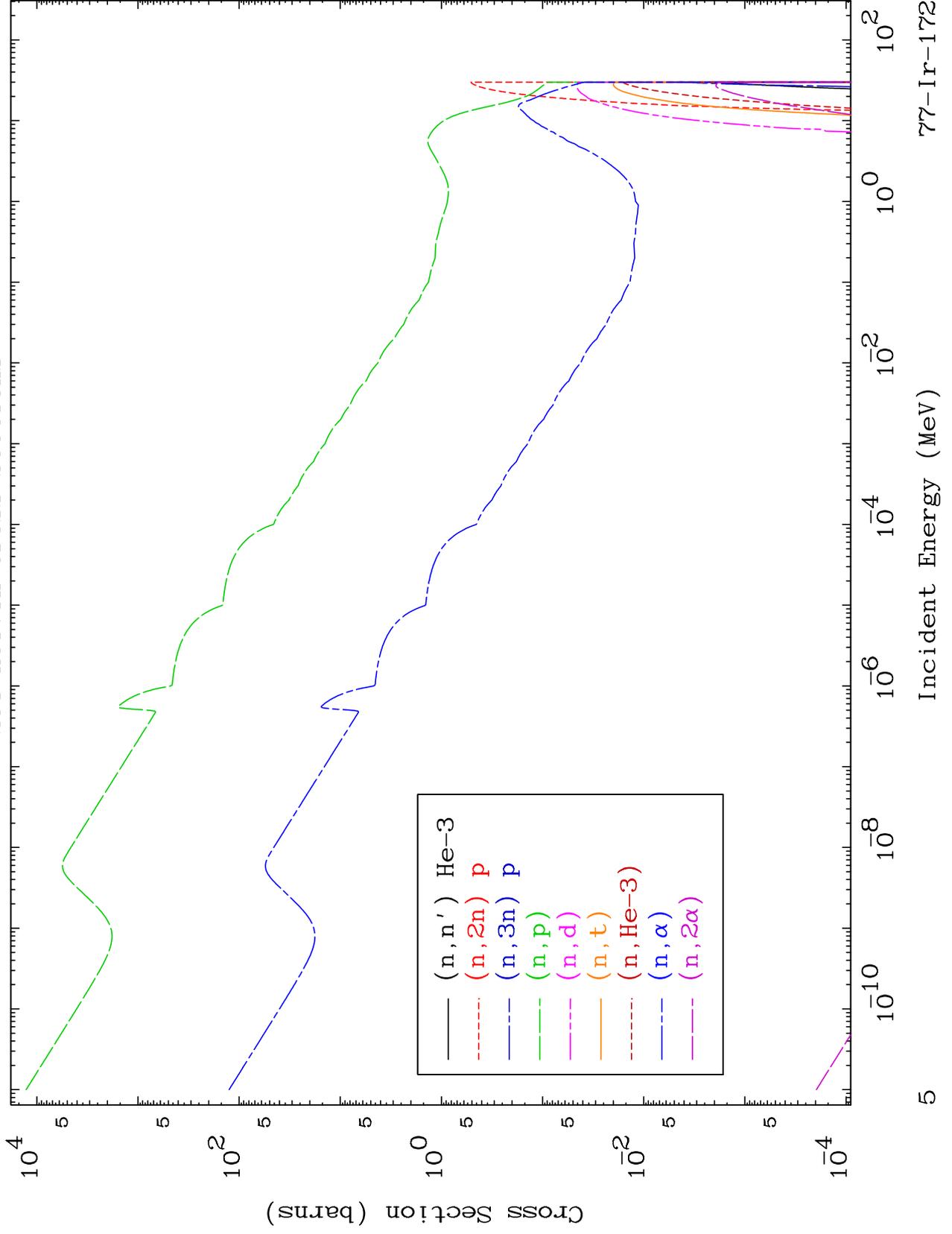
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MAT 7668

Charged Particle  
293 Kelvin Cross Sections

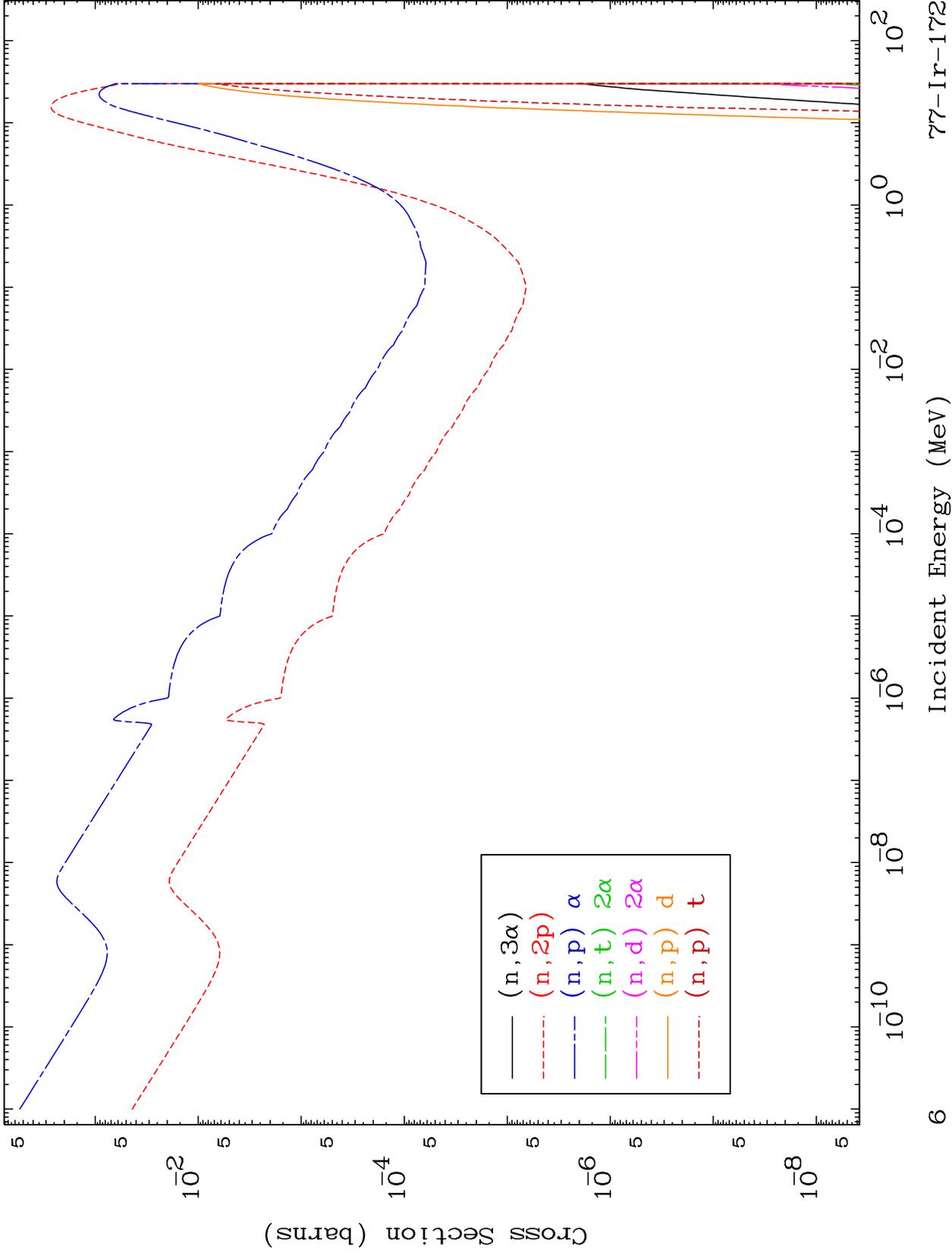
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MAT 7668

Charged Particle  
293 Kelvin Cross Sections

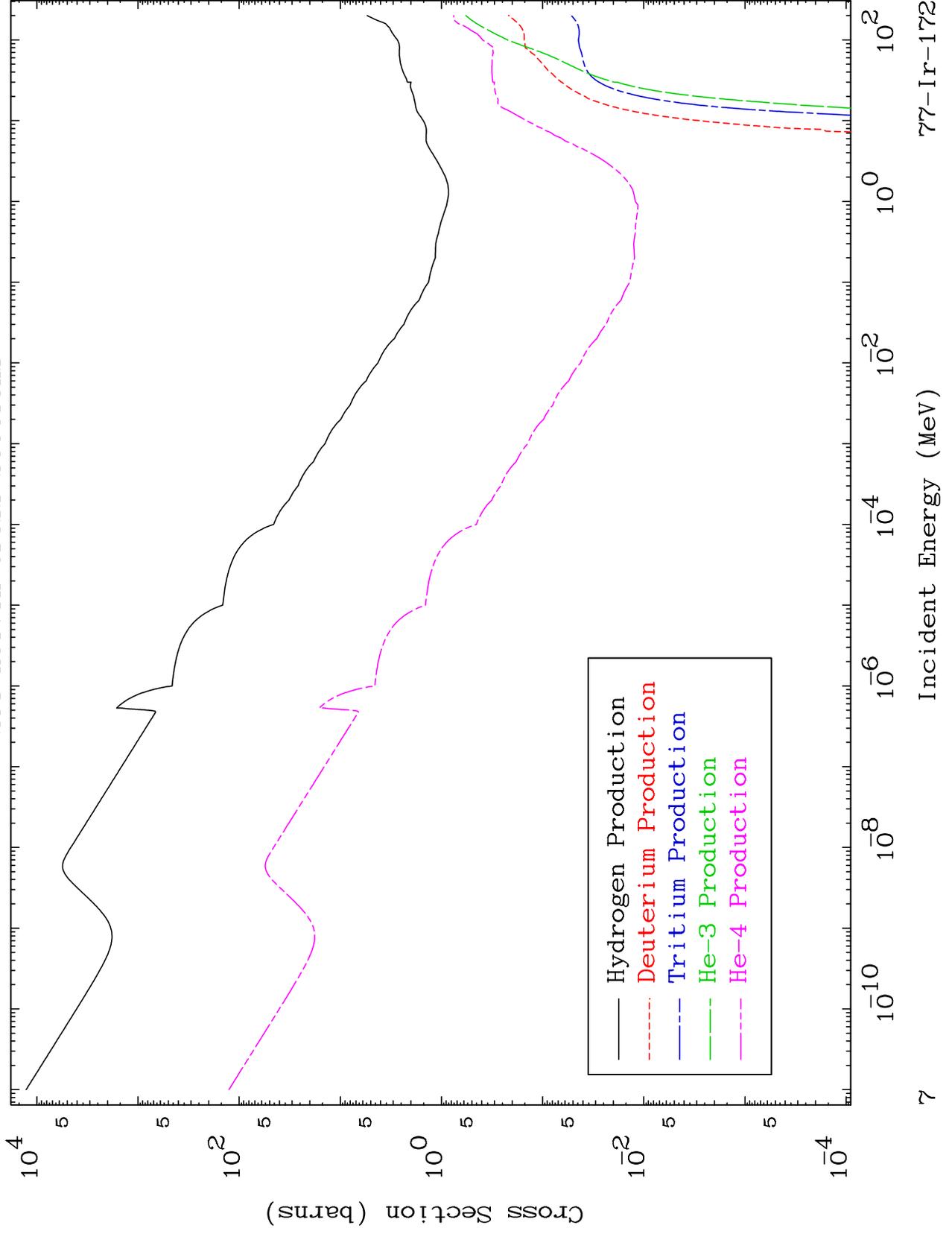
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MAT 7668

Particle Production  
293 Kelvin Cross Sections

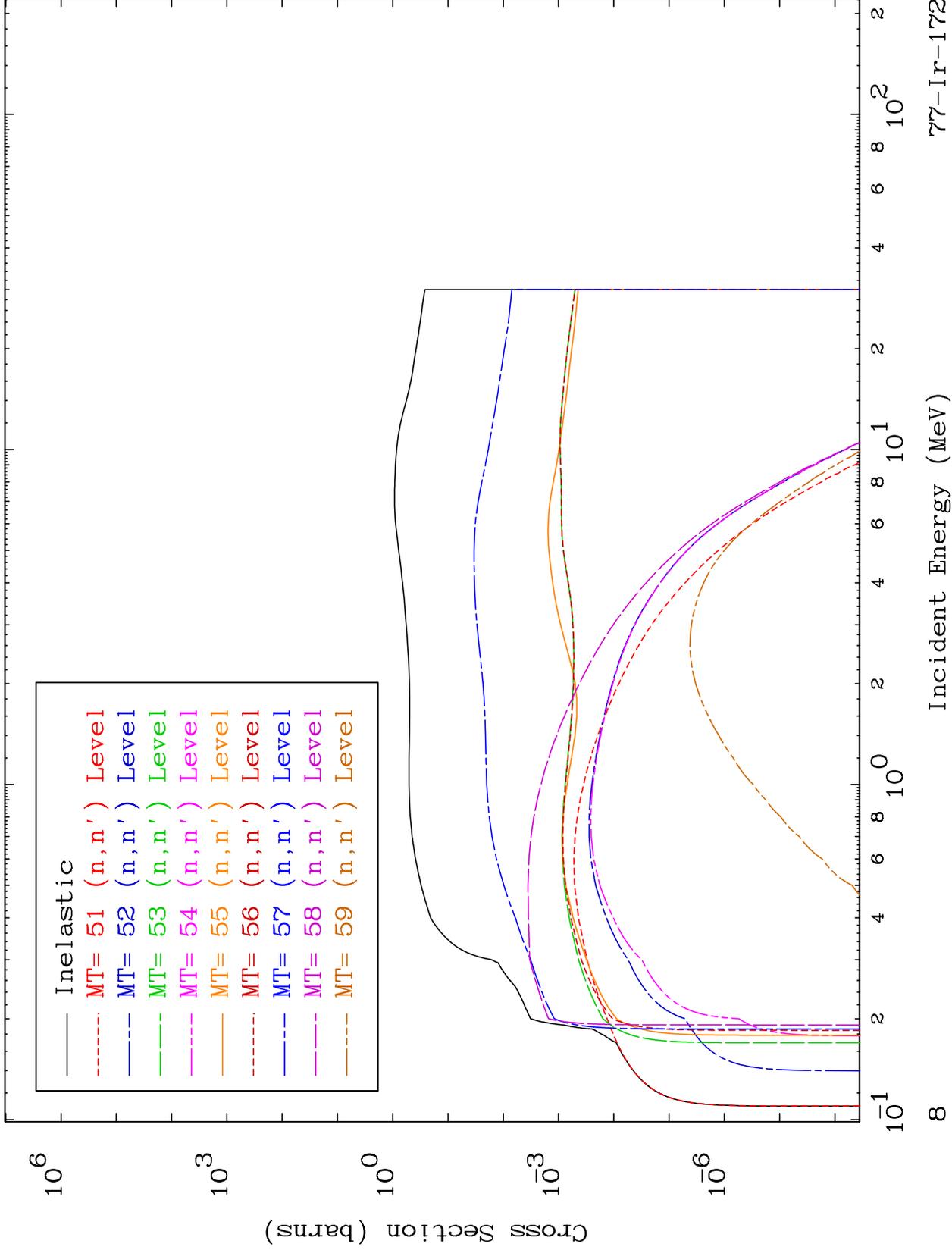
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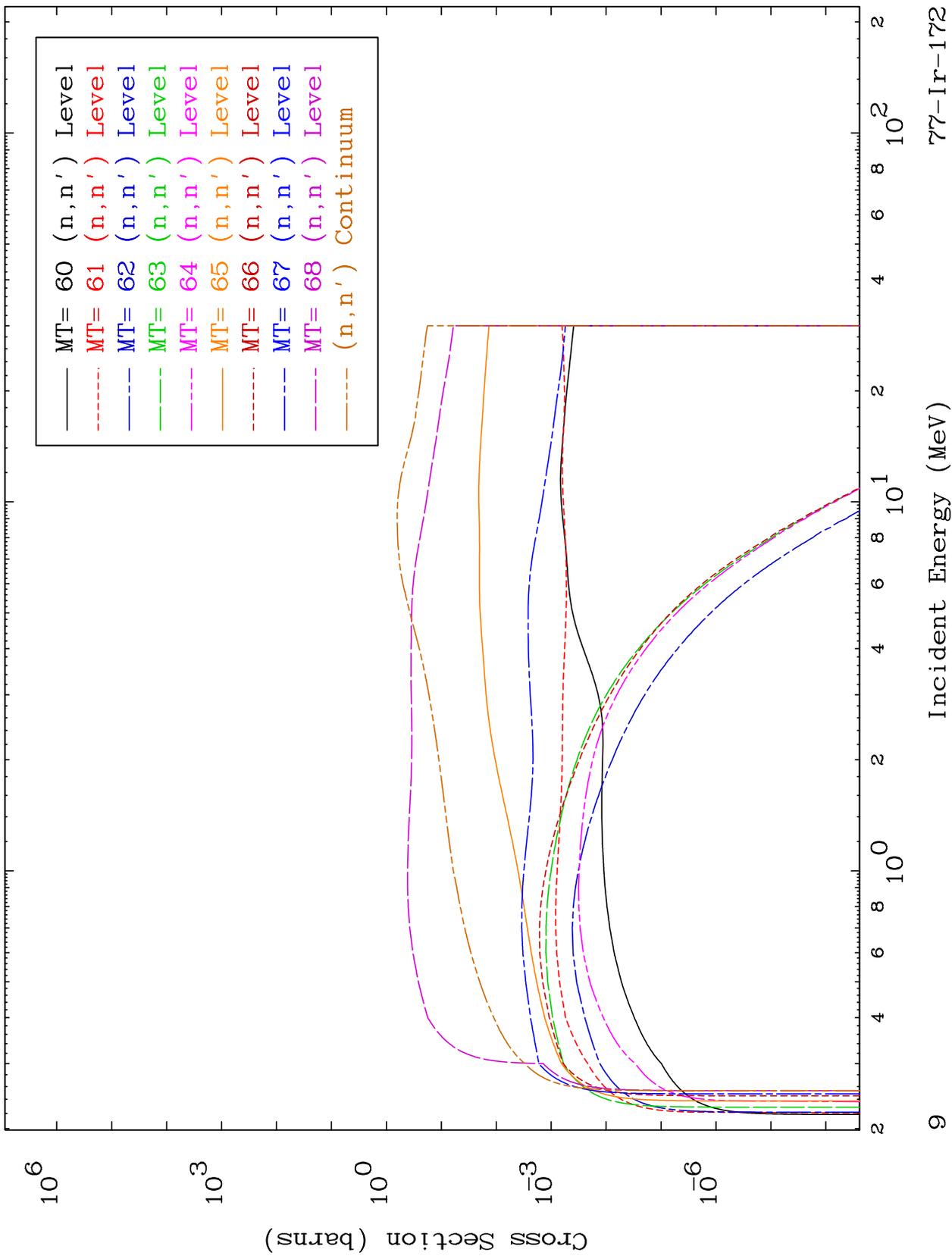
MAT 7668

(n,n') Level  
293 Kelvin Cross Sections

77-Ir-172



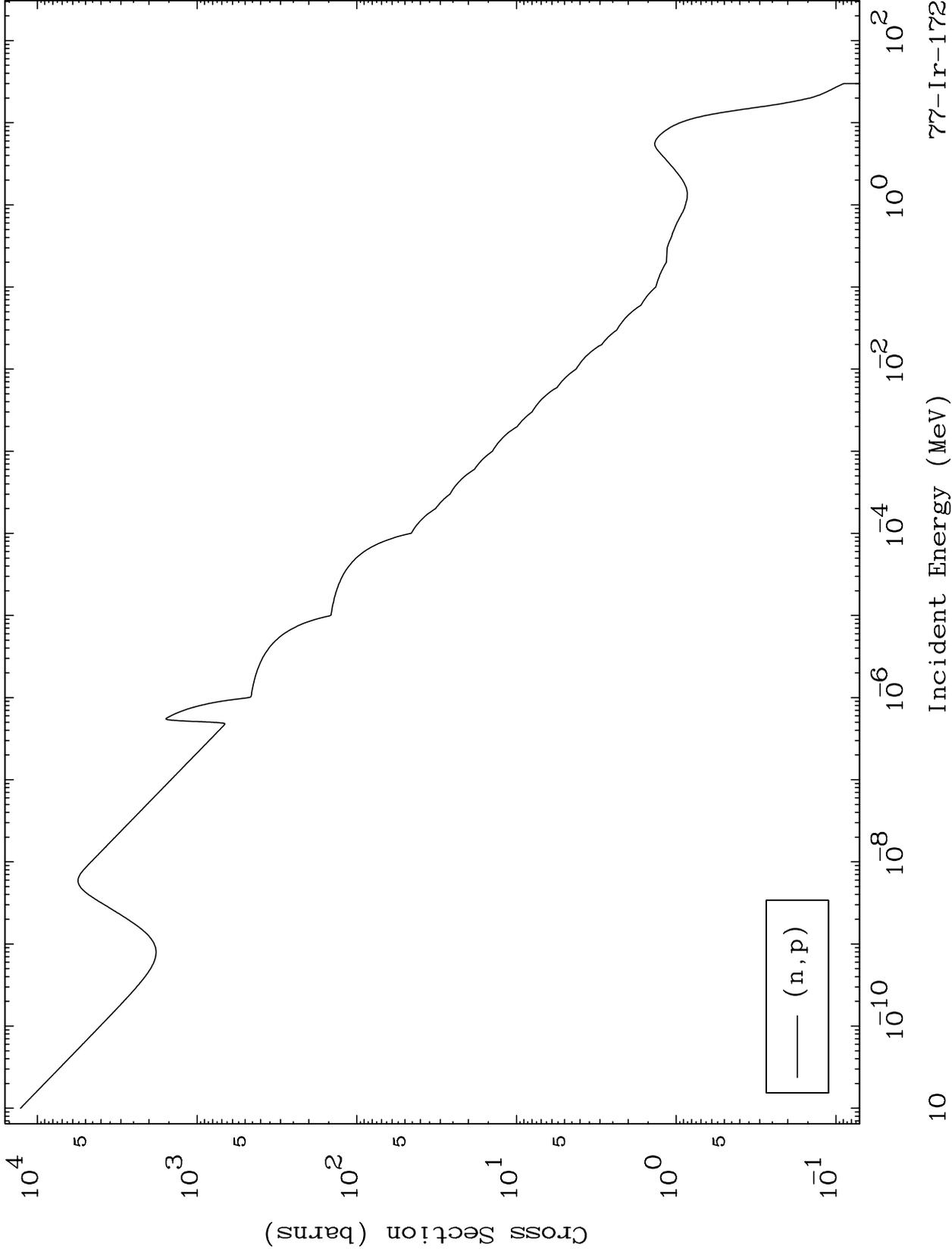
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MAT 7668

(n,p) Levels  
293 Kelvin Cross Sections

77-Ir-172



10

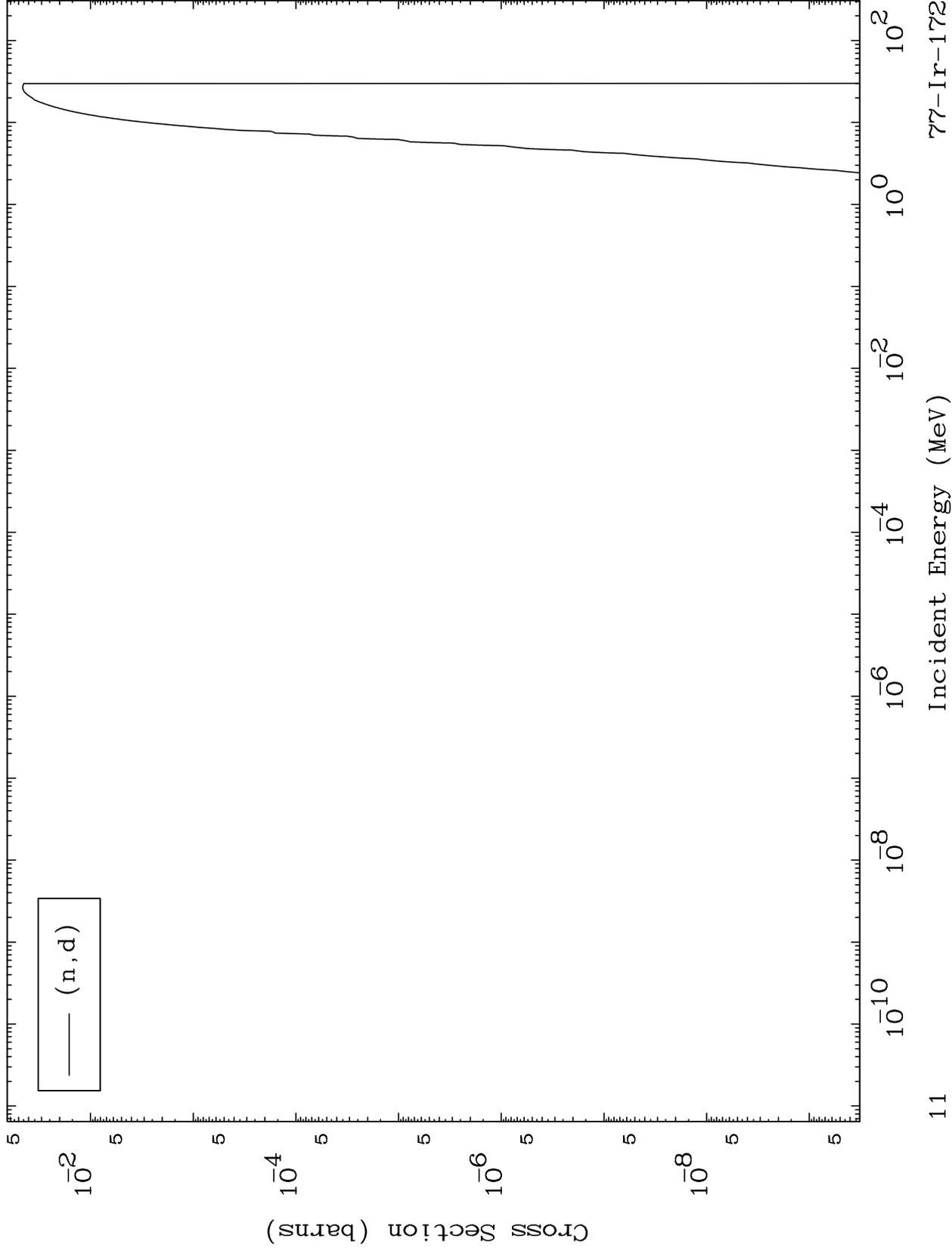
Incident Energy (MeV)

77-Ir-172

MAT 7668

(n,d) Levels  
293 Kelvin Cross Sections

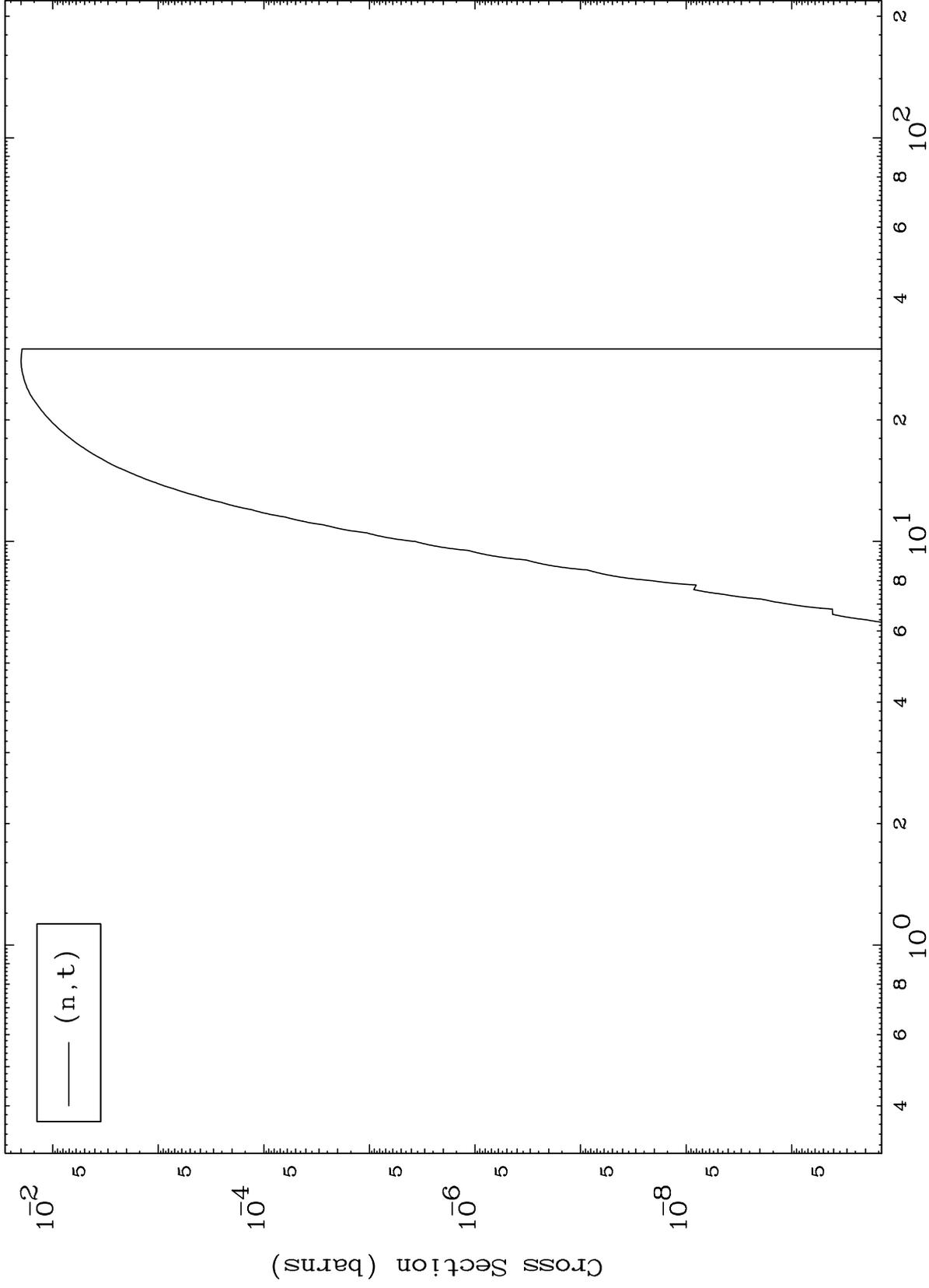
77-Ir-172



MAT 7668

(n,t) Levels  
293 Kelvin Cross Sections

77-Ir-172



12

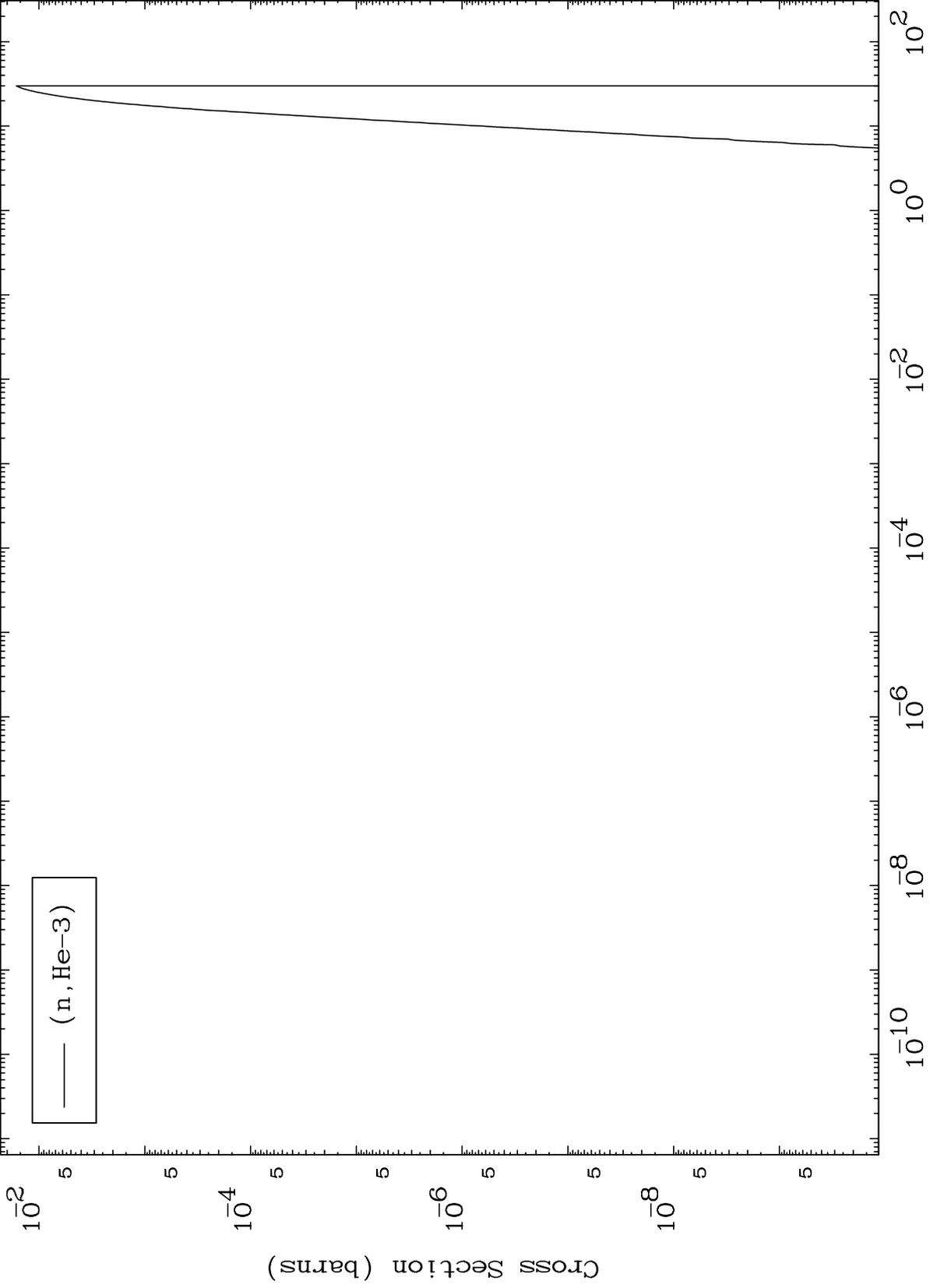
Incident Energy (MeV)

77-Ir-172

MAT 7668

(n,He3) Levels  
293 Kelvin Cross Sections

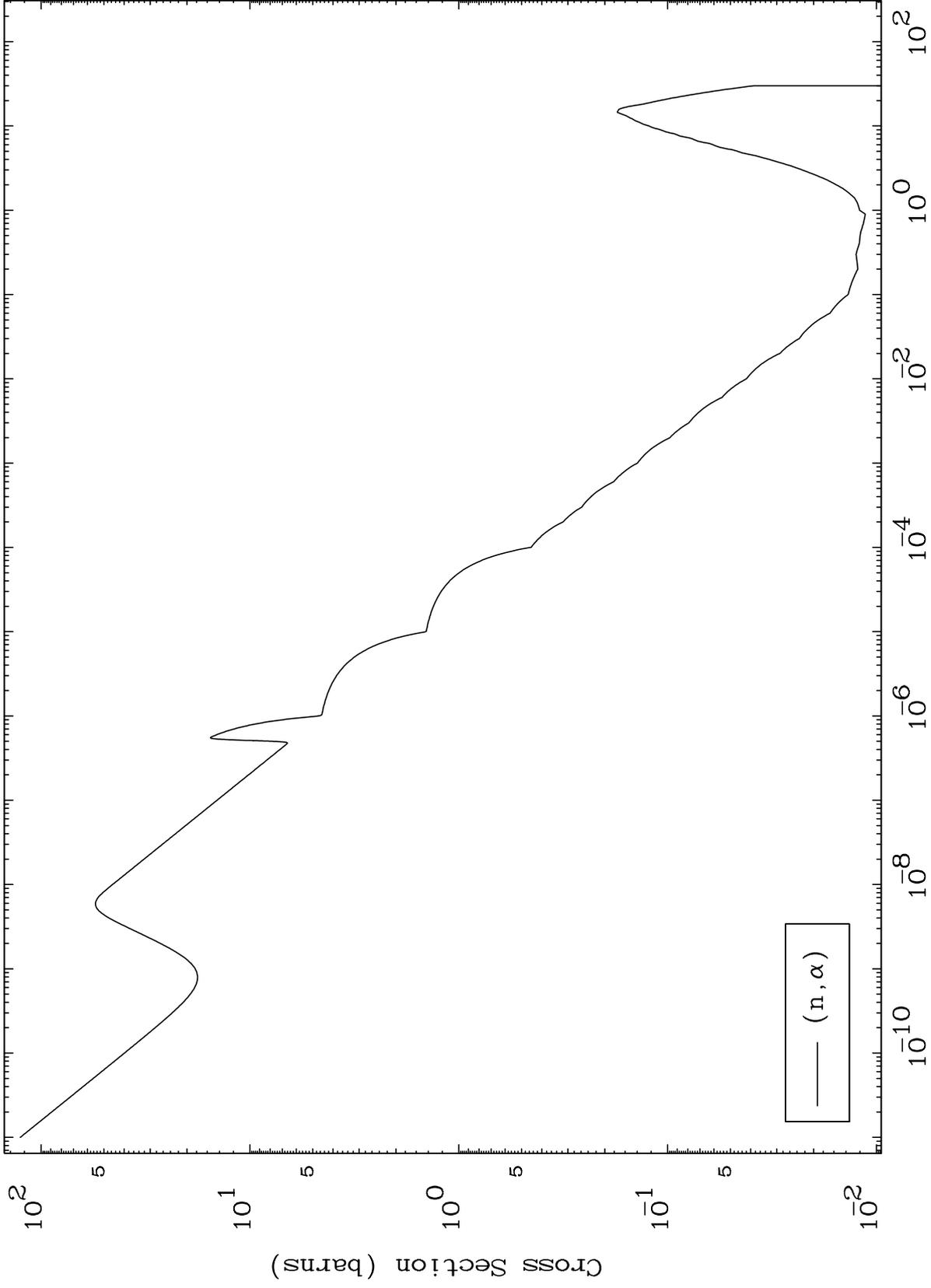
77-Ir-172



MAT 7668

(n,α) Levels  
293 Kelvin Cross Sections

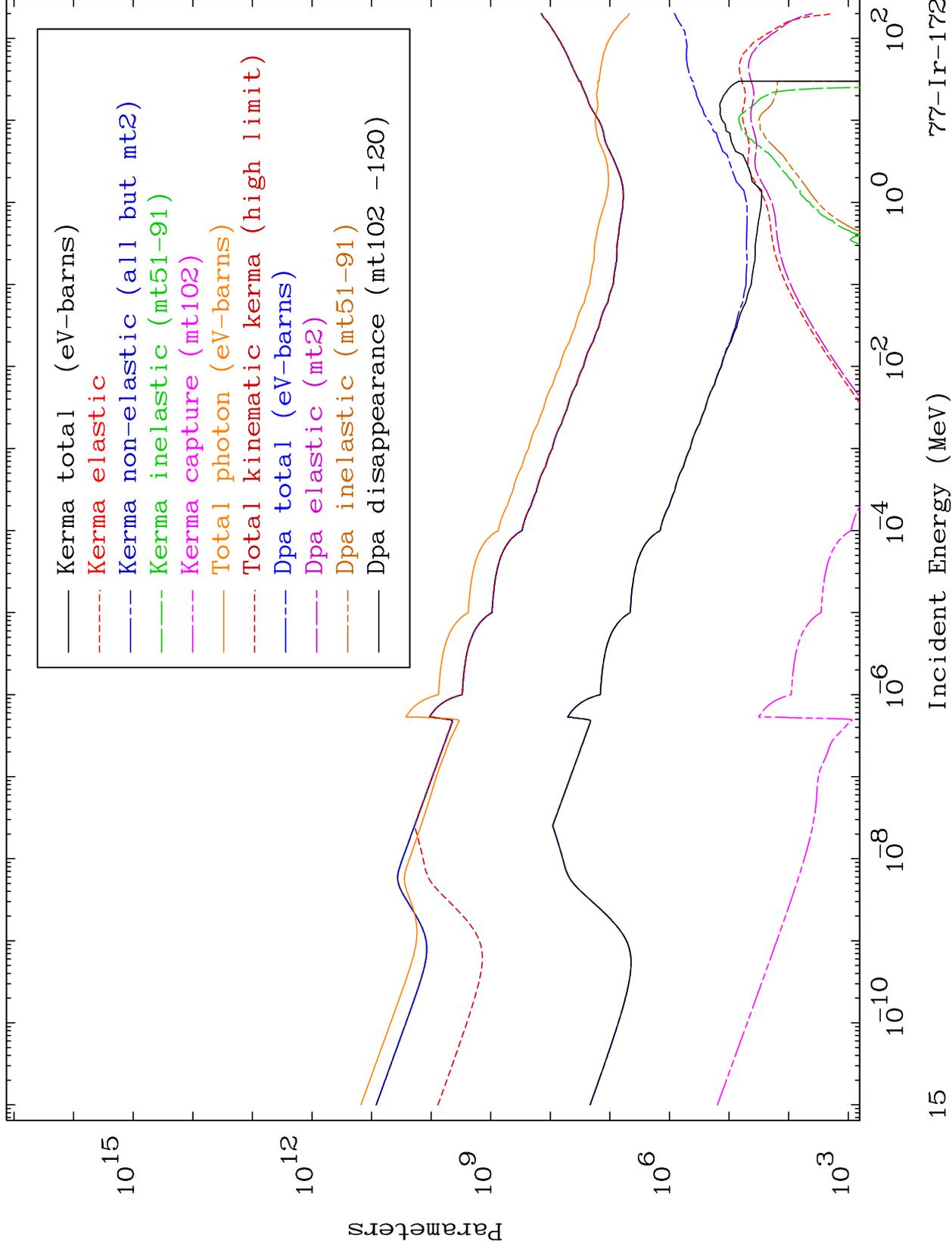
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14

Incident Energy (MeV)

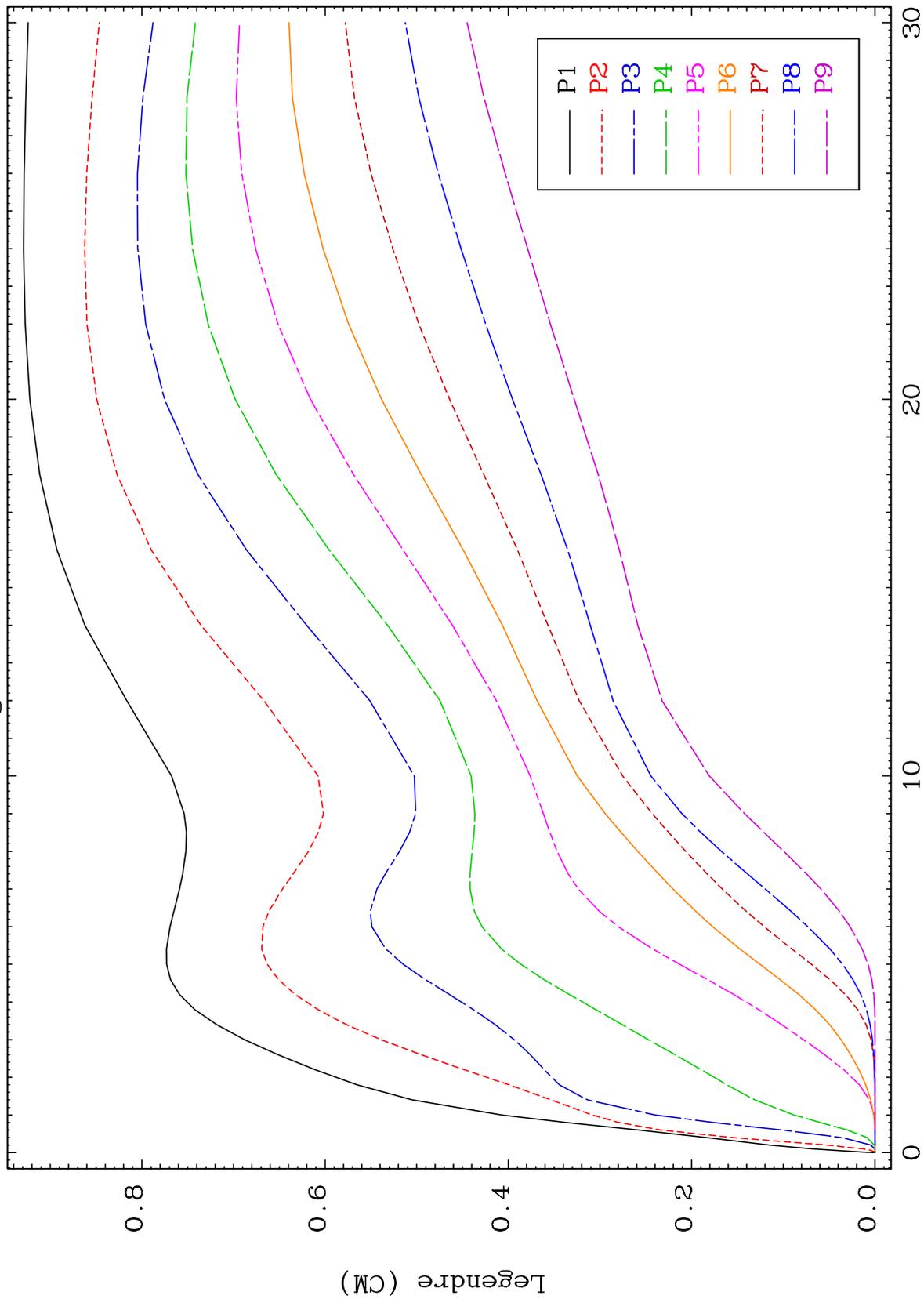
77-Ir-172



MAT 7668

Elastic Legendre Coefficients

77-Ir-172



16

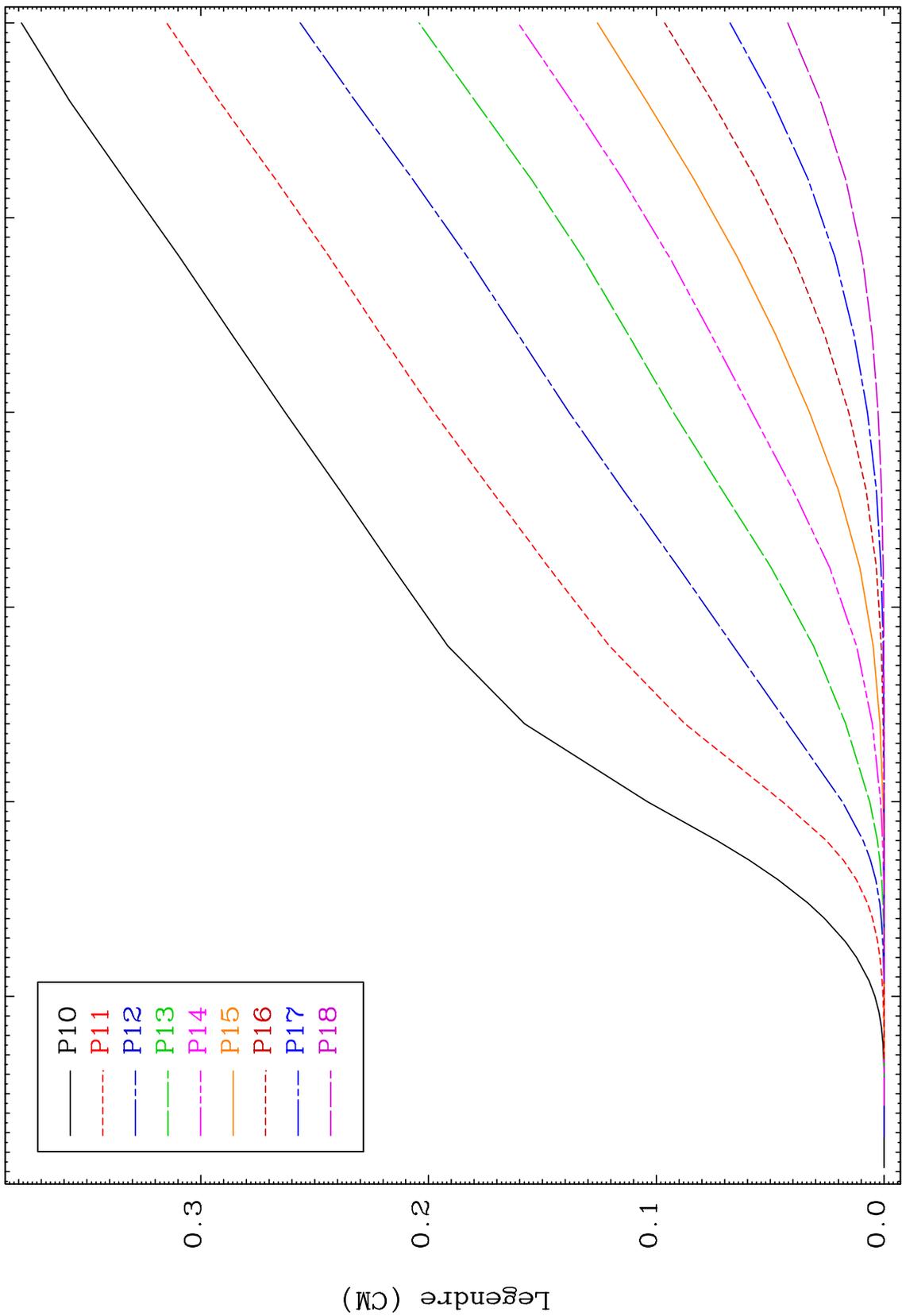
Incident Energy (MeV)

77-Ir-172

MAT 7668

Elastic Legendre Coefficients

<sup>77</sup>Ir-172



17

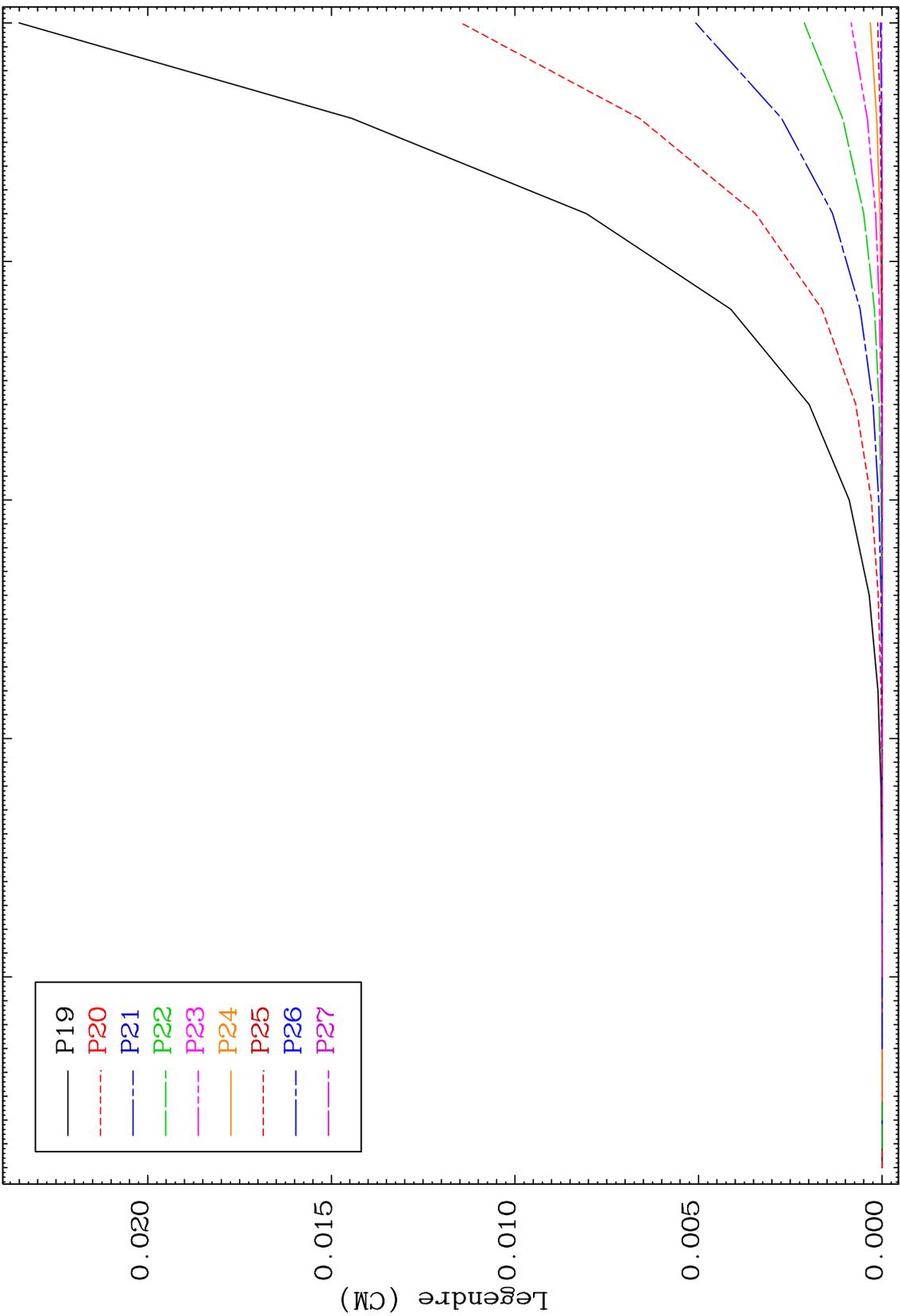
Incident Energy (MeV)

<sup>77</sup>Ir-172

MAT 7668

Elastic Legendre Coefficients

77-Ir-172



18

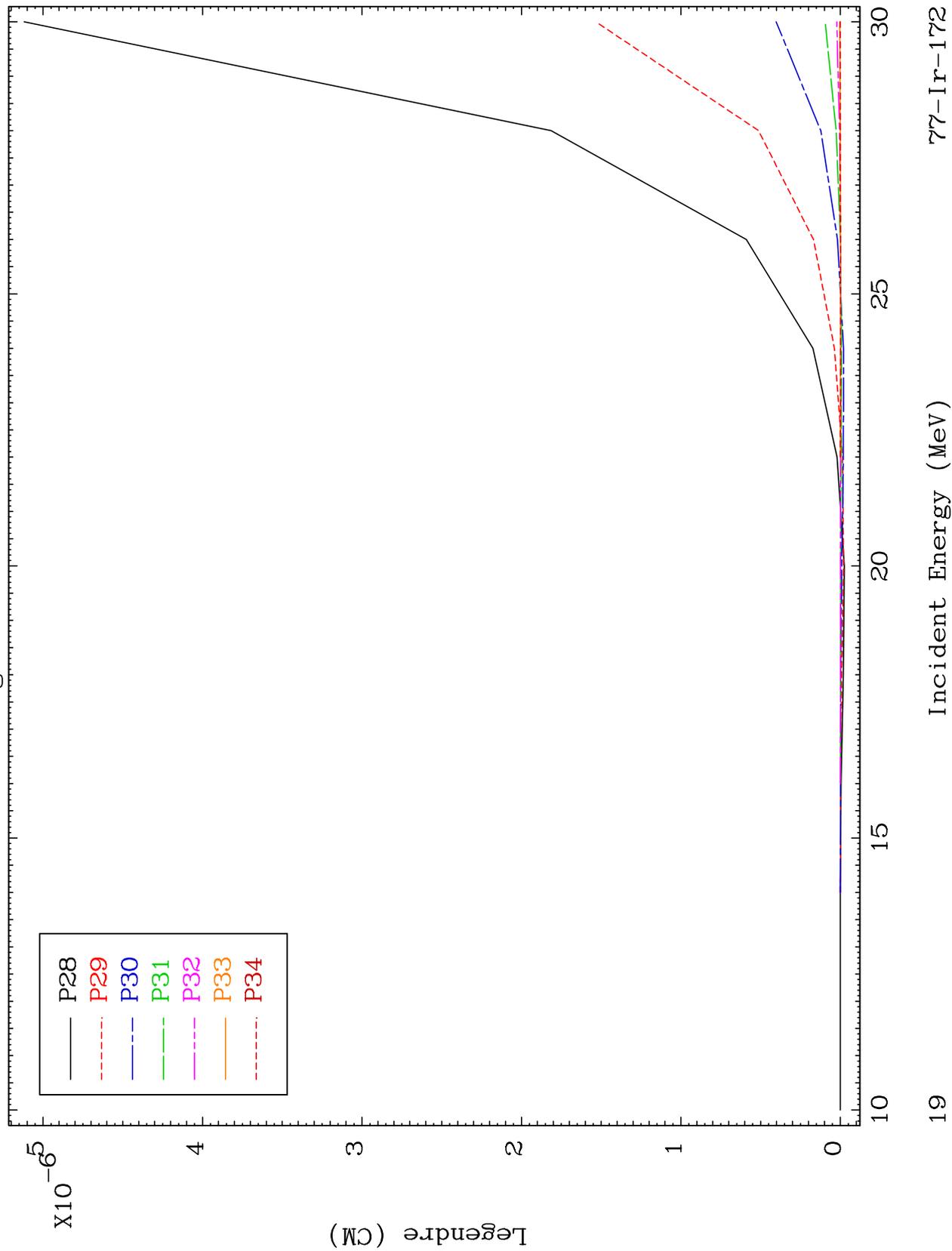
Incident Energy (MeV)

77-Ir-172

MAT 7668

Elastic  
Legendre Coefficients

<sup>77</sup>Ir-172



19

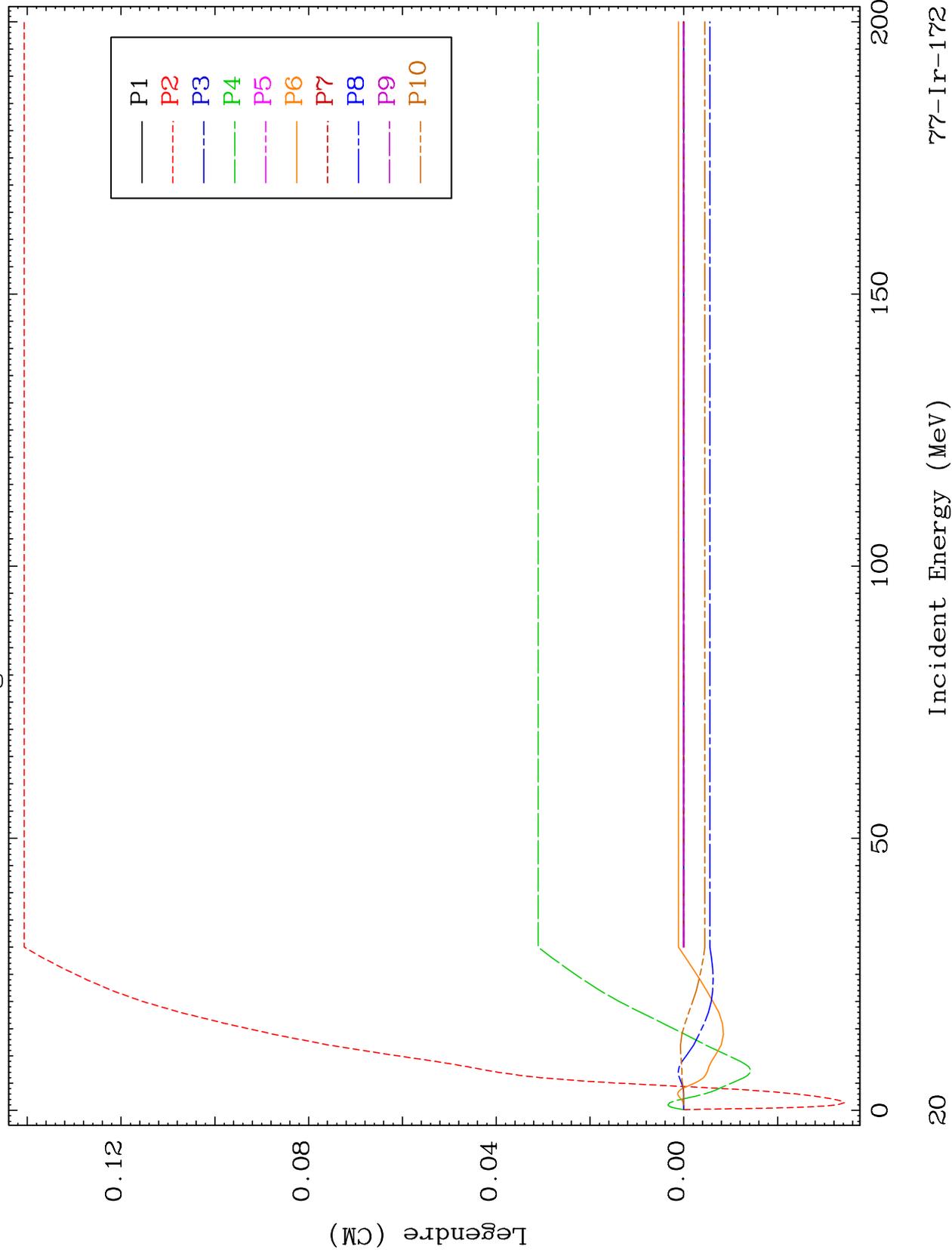
Incident Energy (MeV)

<sup>77</sup>Ir-172

MAT 7668

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

77-Ir-172



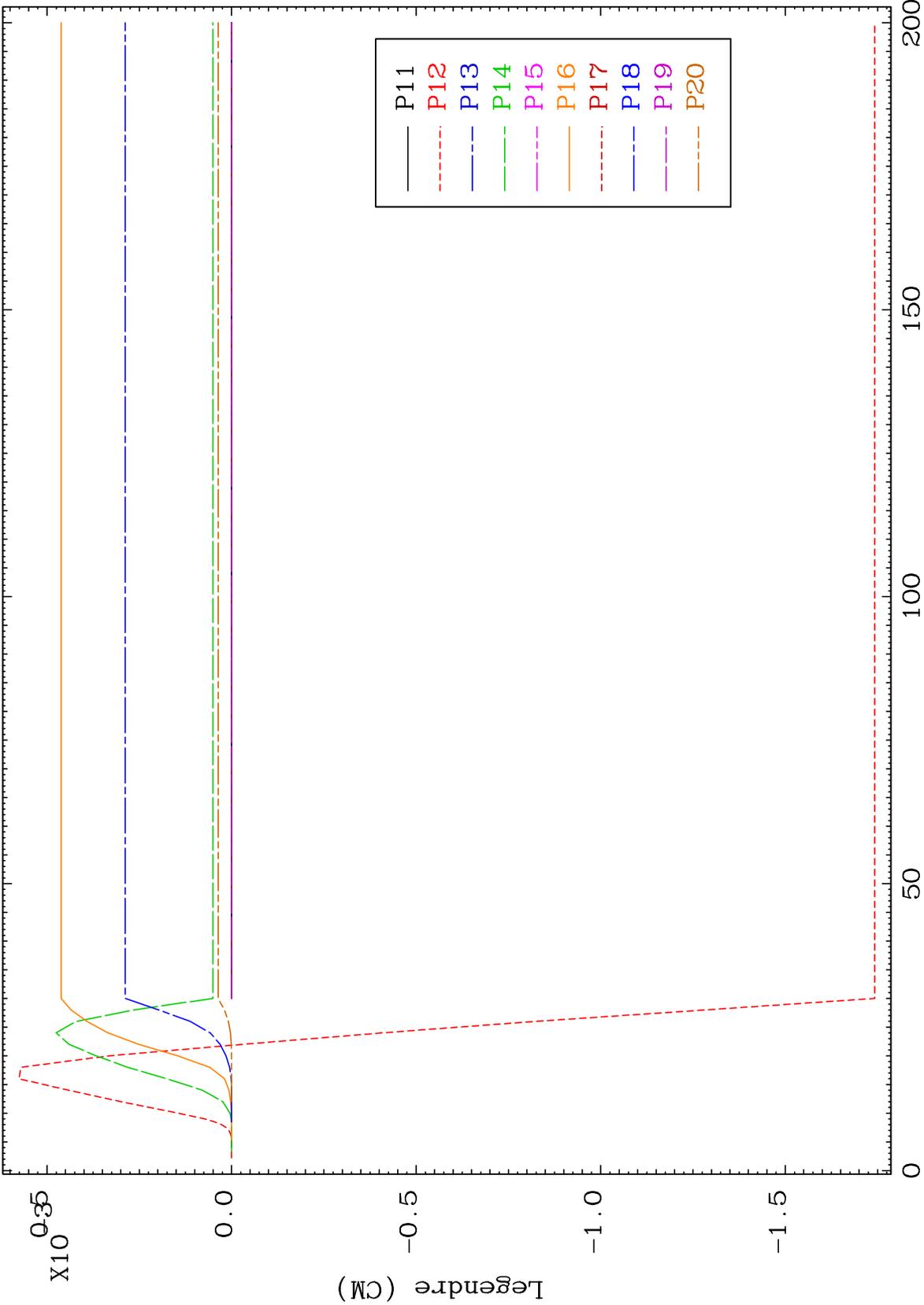
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Incident Energy (MeV)

MAT 7668

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

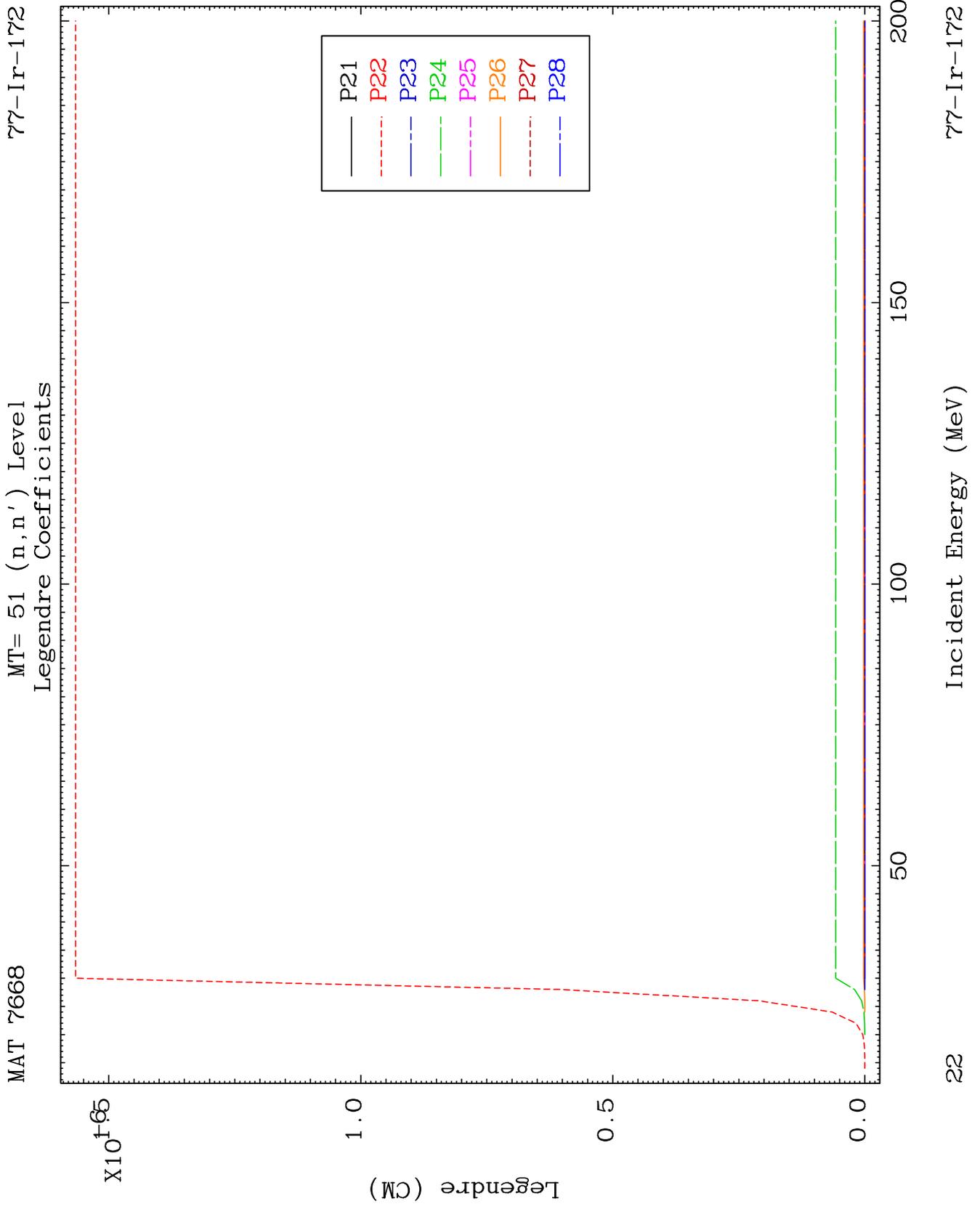
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21

Incident Energy (MeV)

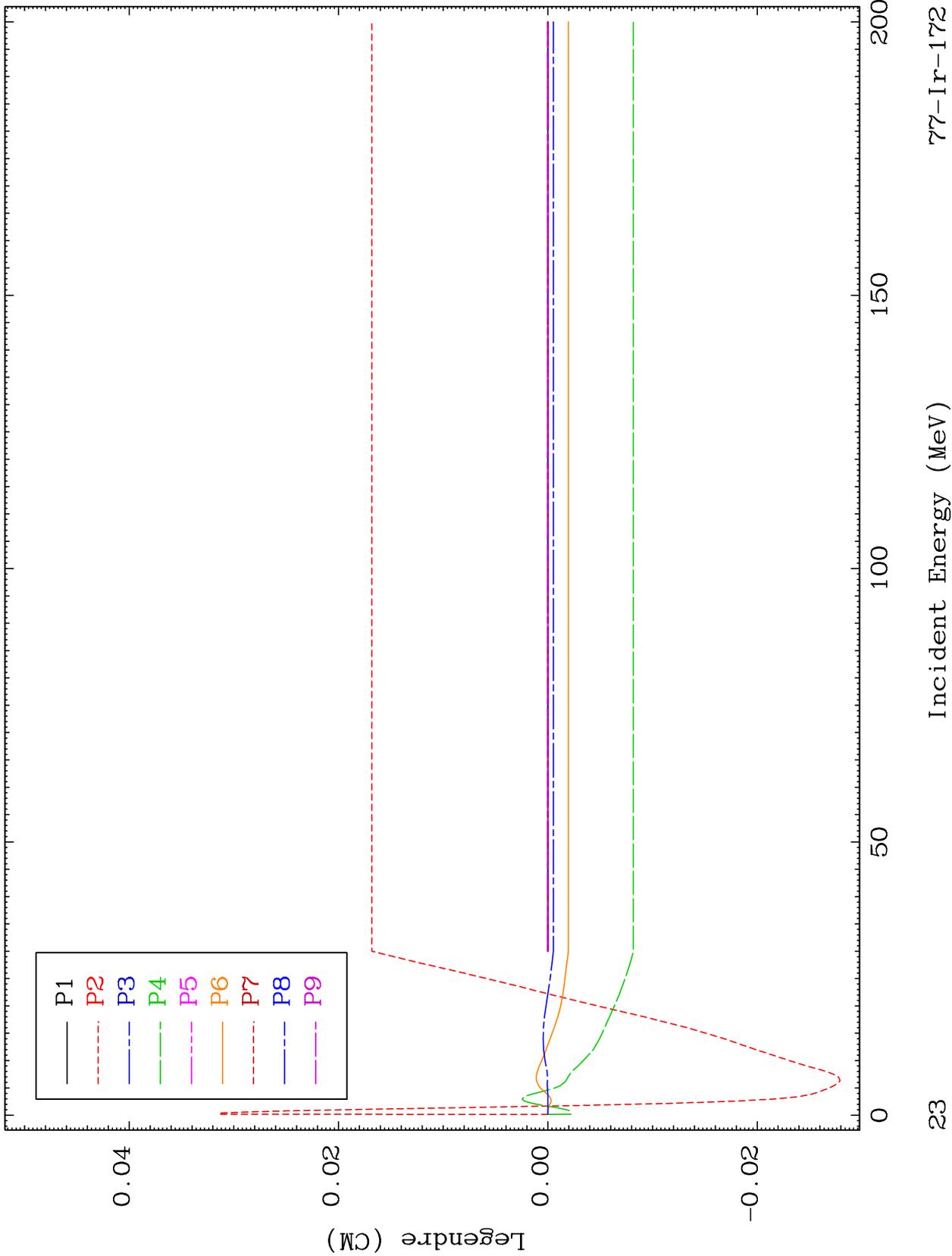
77-Ir-172



MAT 7668

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

77-Ir-172



23

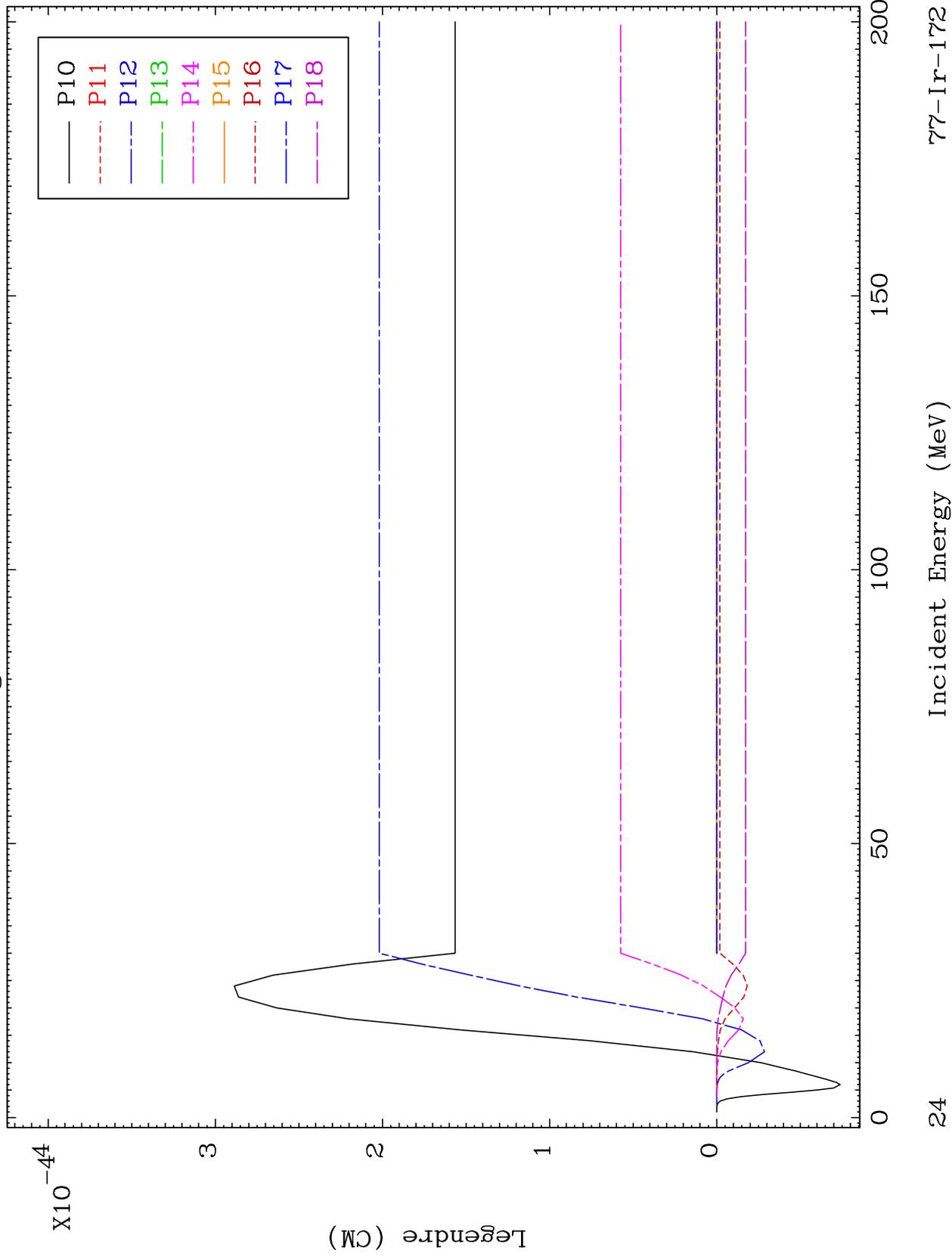
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

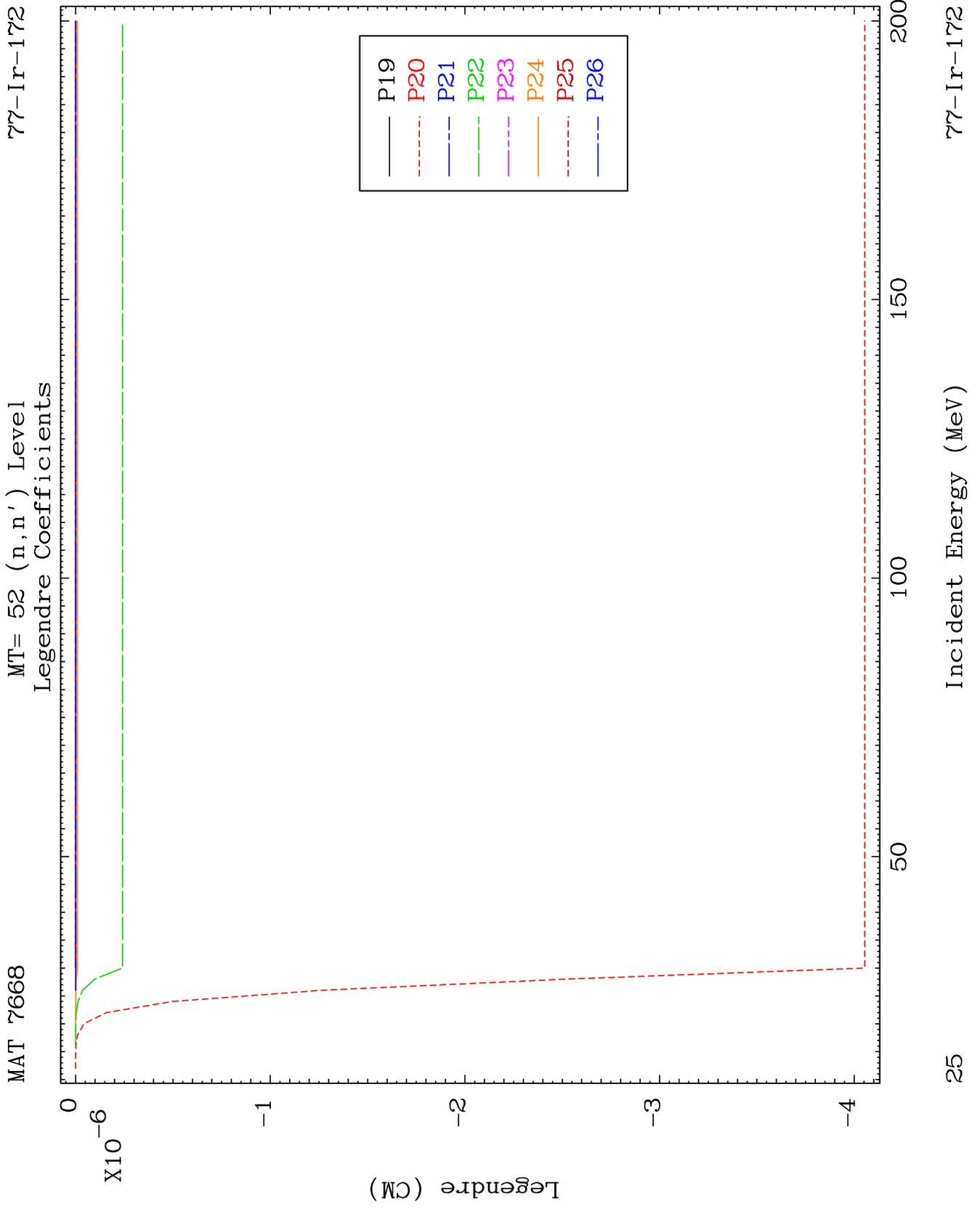
77-Ir-172



77-Ir-172

Incident Energy (MeV)

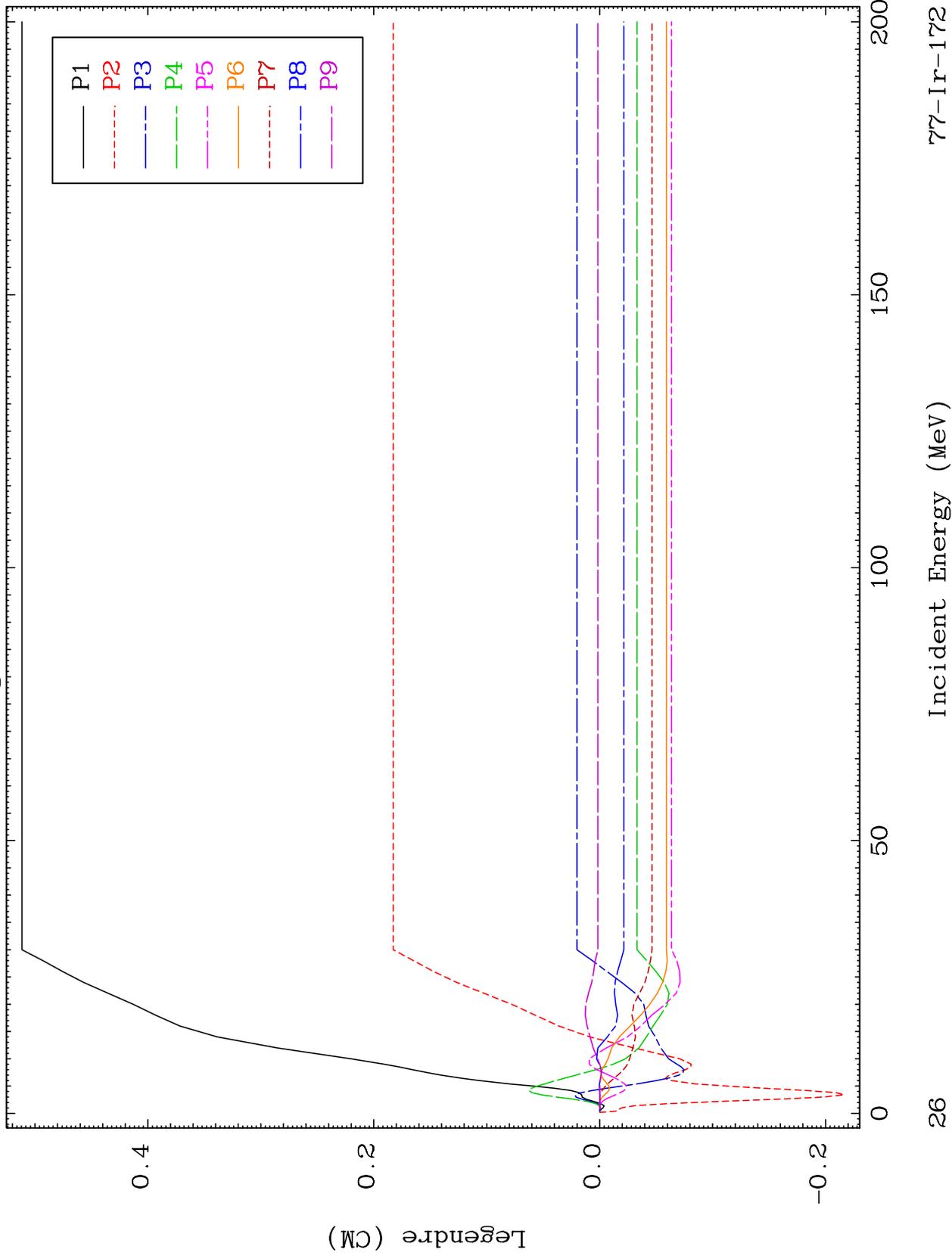
24



MAT 7668

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

77-Ir-172



77-Ir-172

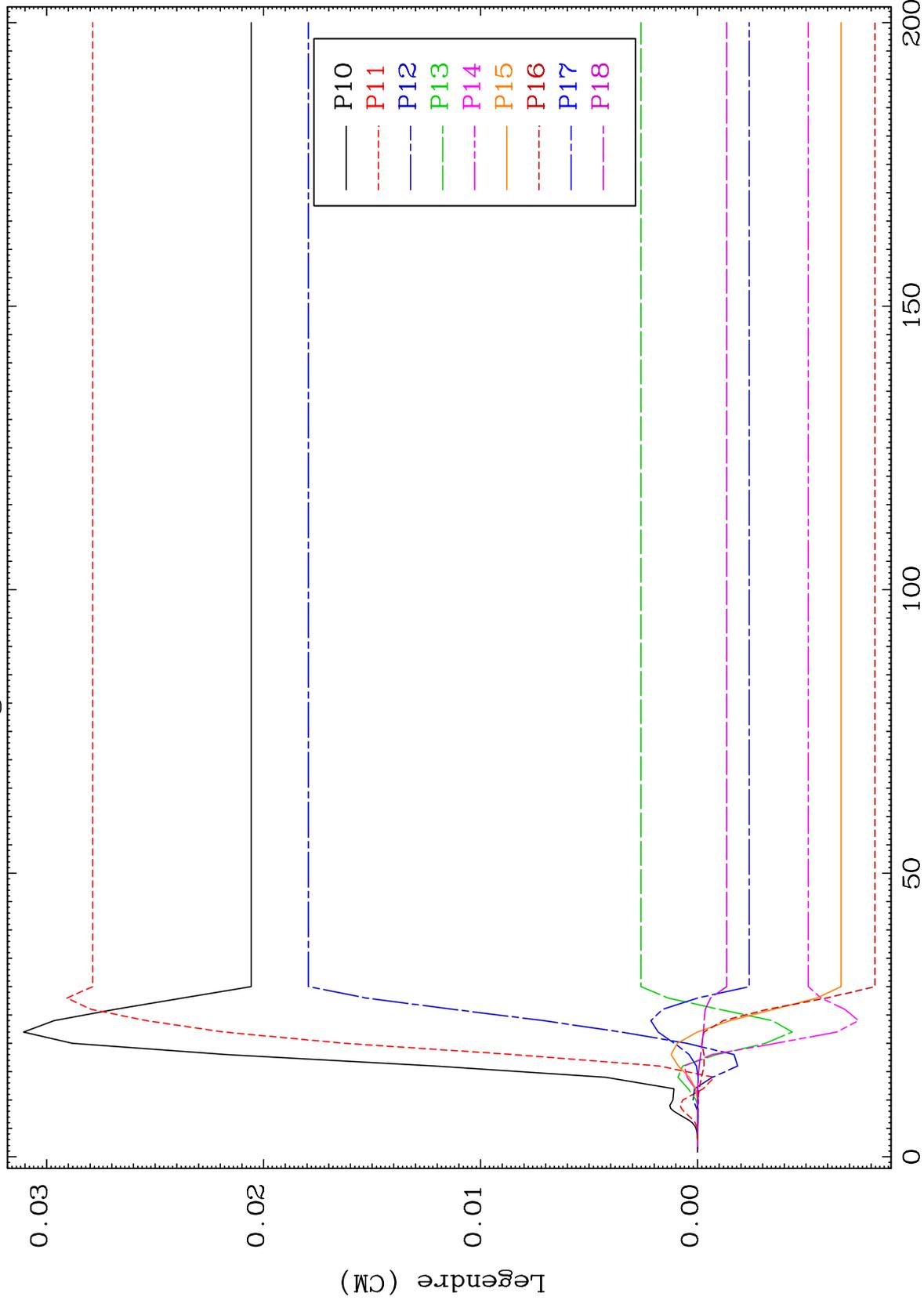
Incident Energy (MeV)

26

MAT 7668

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

77-Ir-172



27

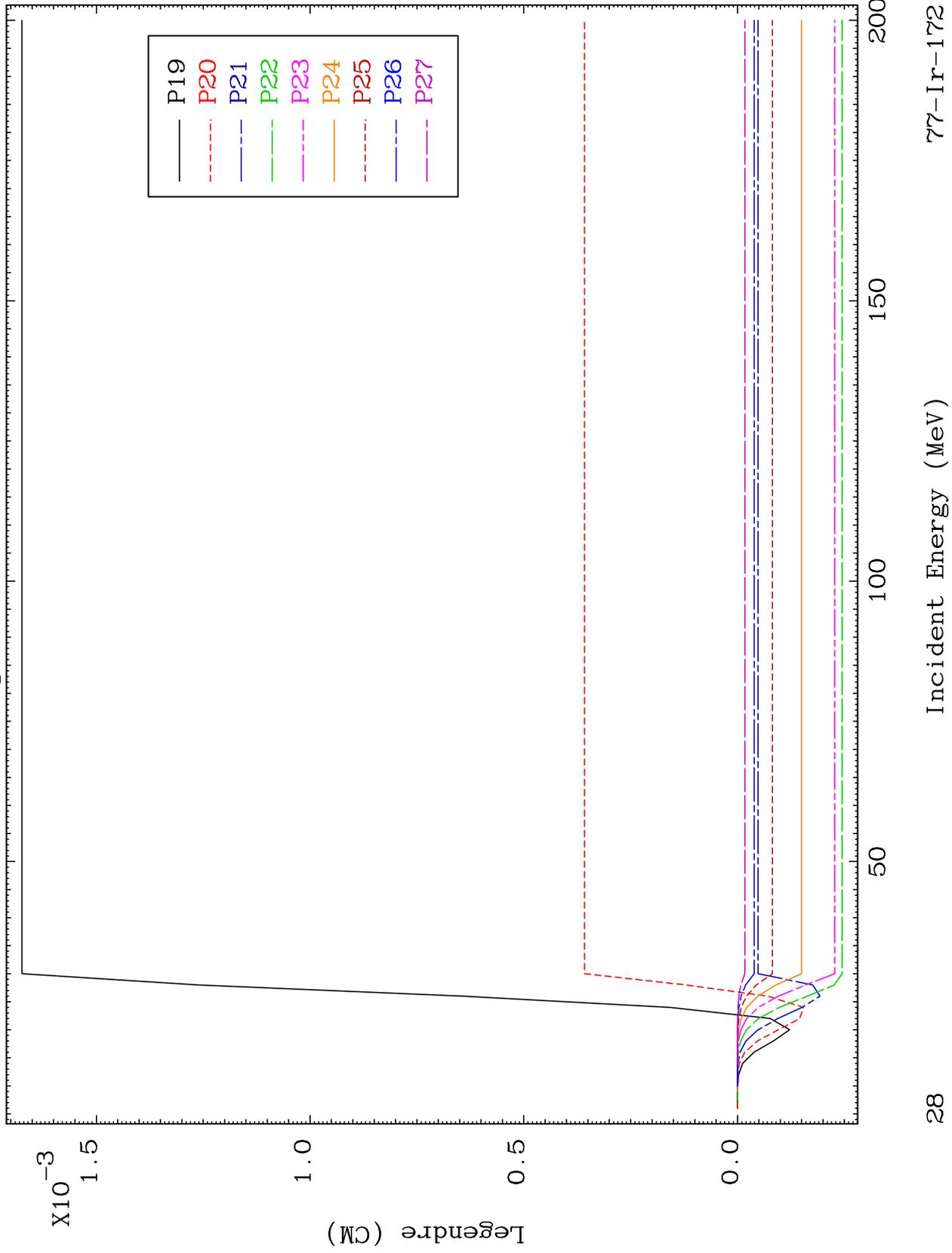
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

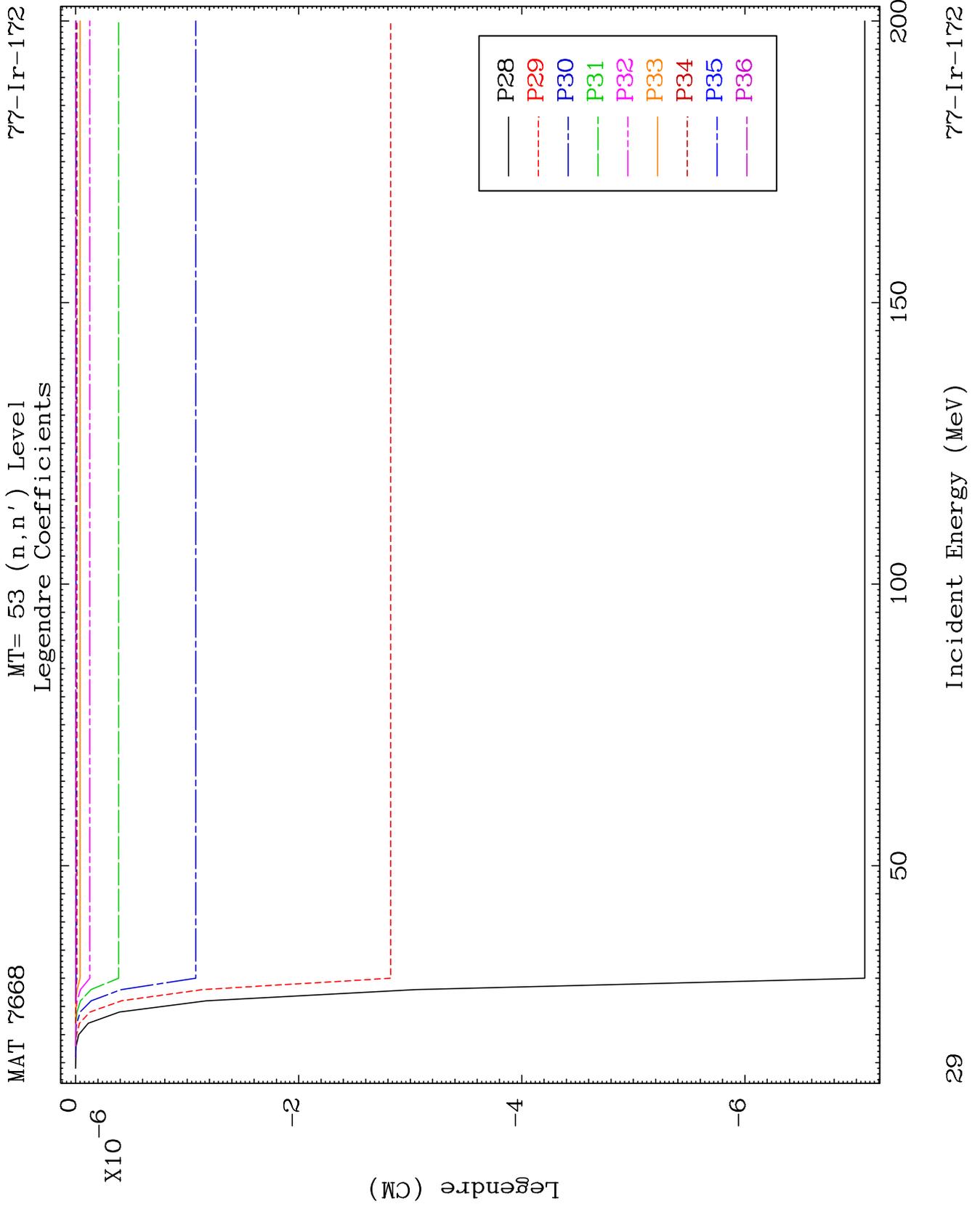
77-Ir-172



28

Incident Energy (MeV)

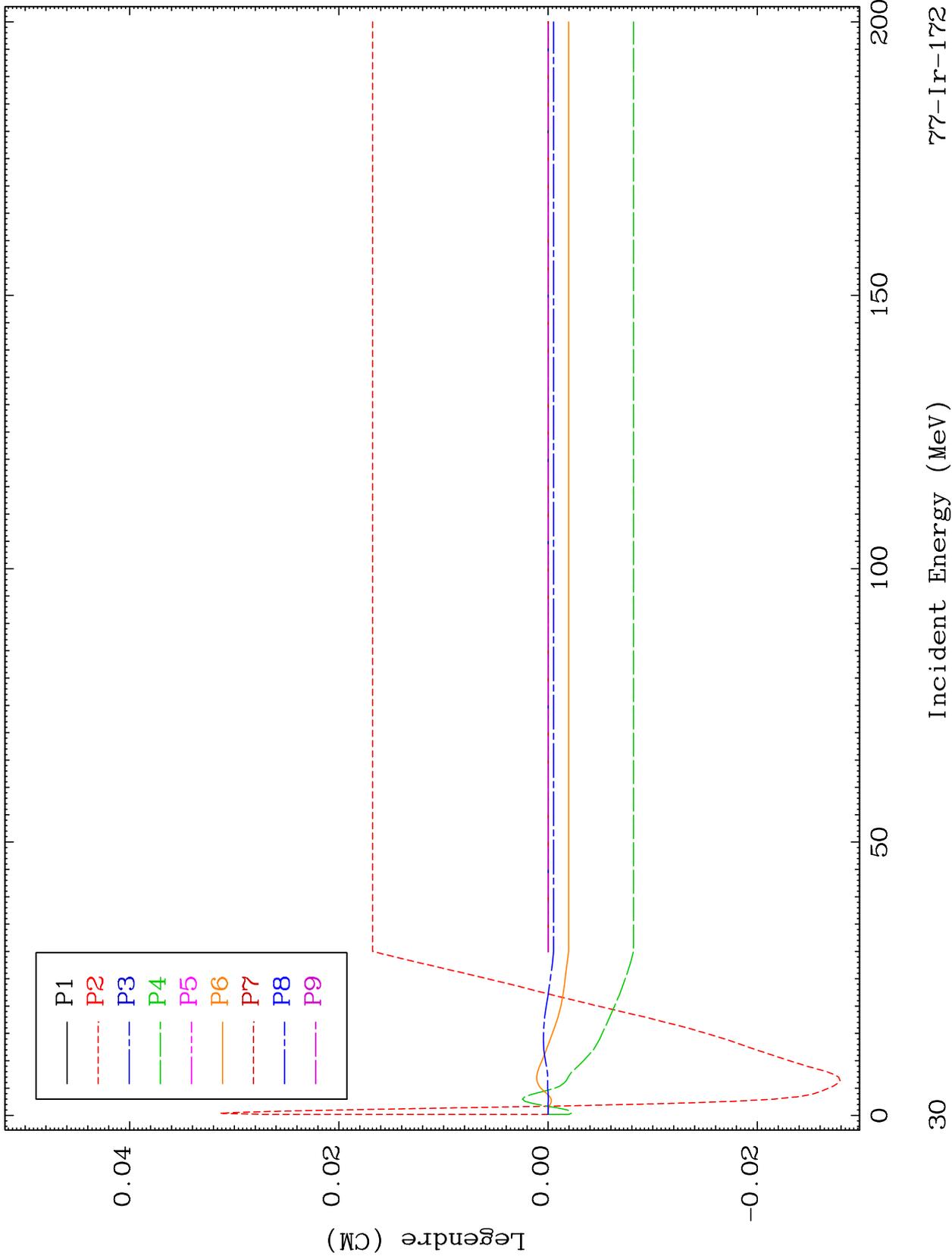
77-Ir-172



MAT 7668

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

77-Ir-172



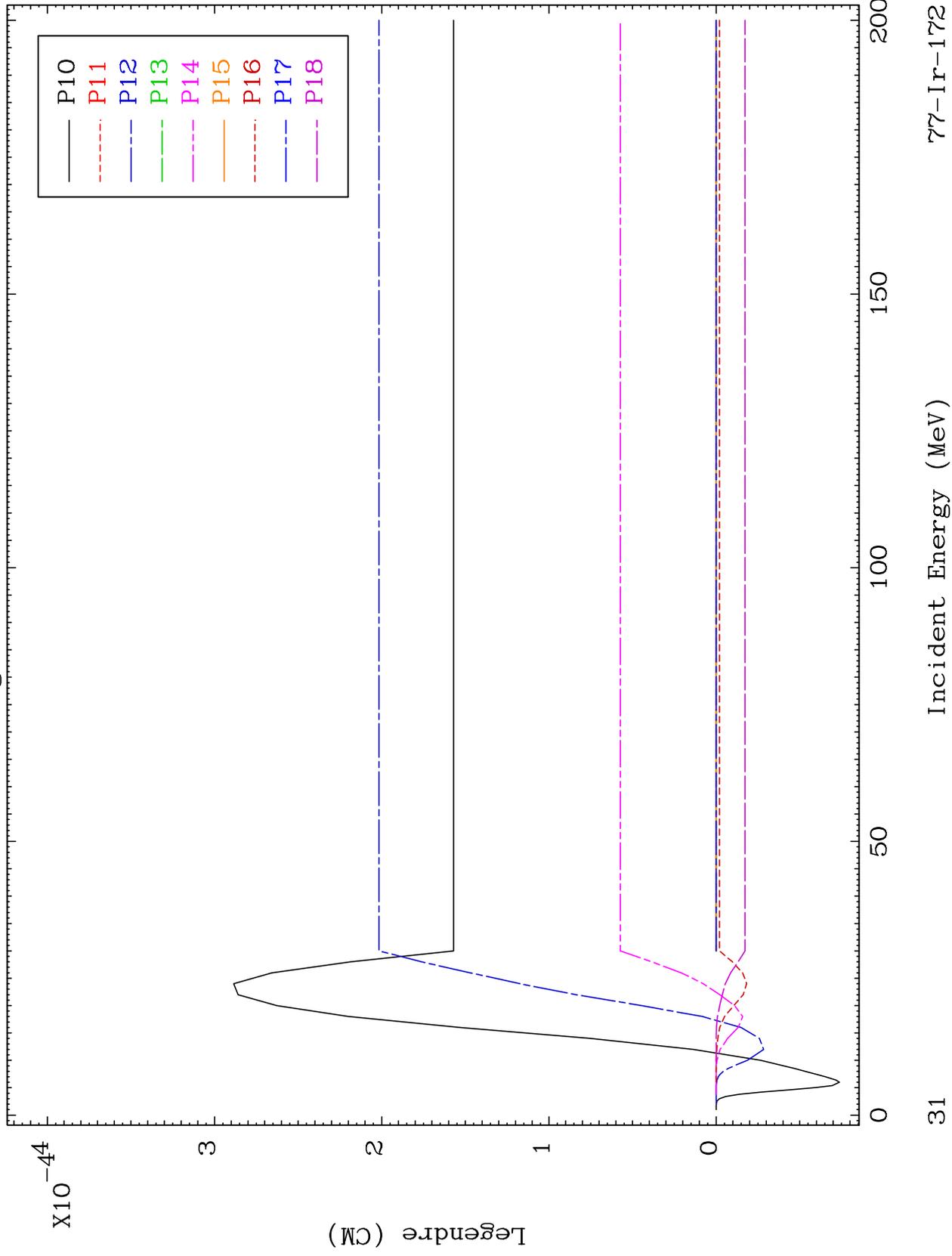
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Incident Energy (MeV)

MAT 7668

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

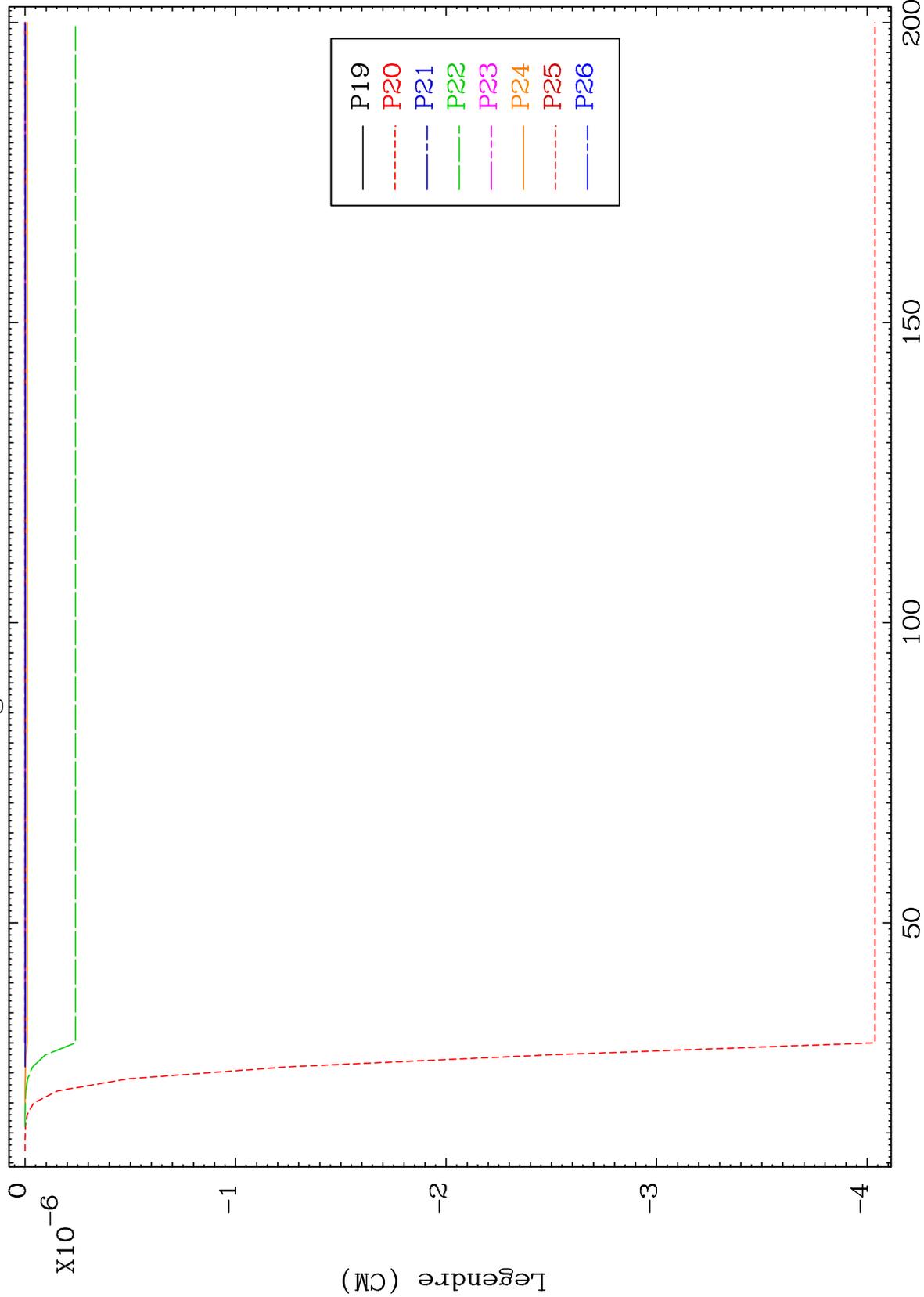
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MAT 7668

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

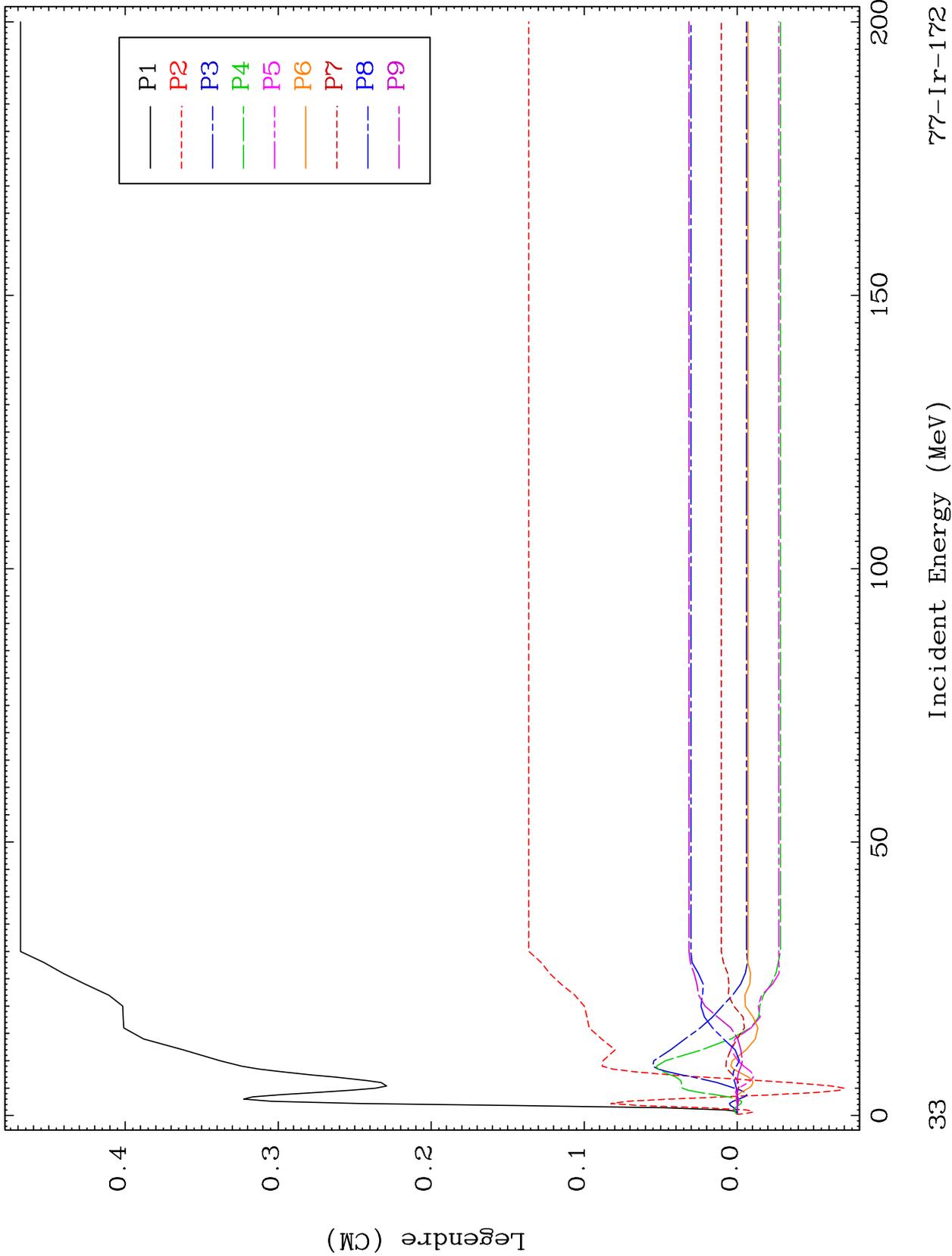
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32

Incident Energy (MeV)

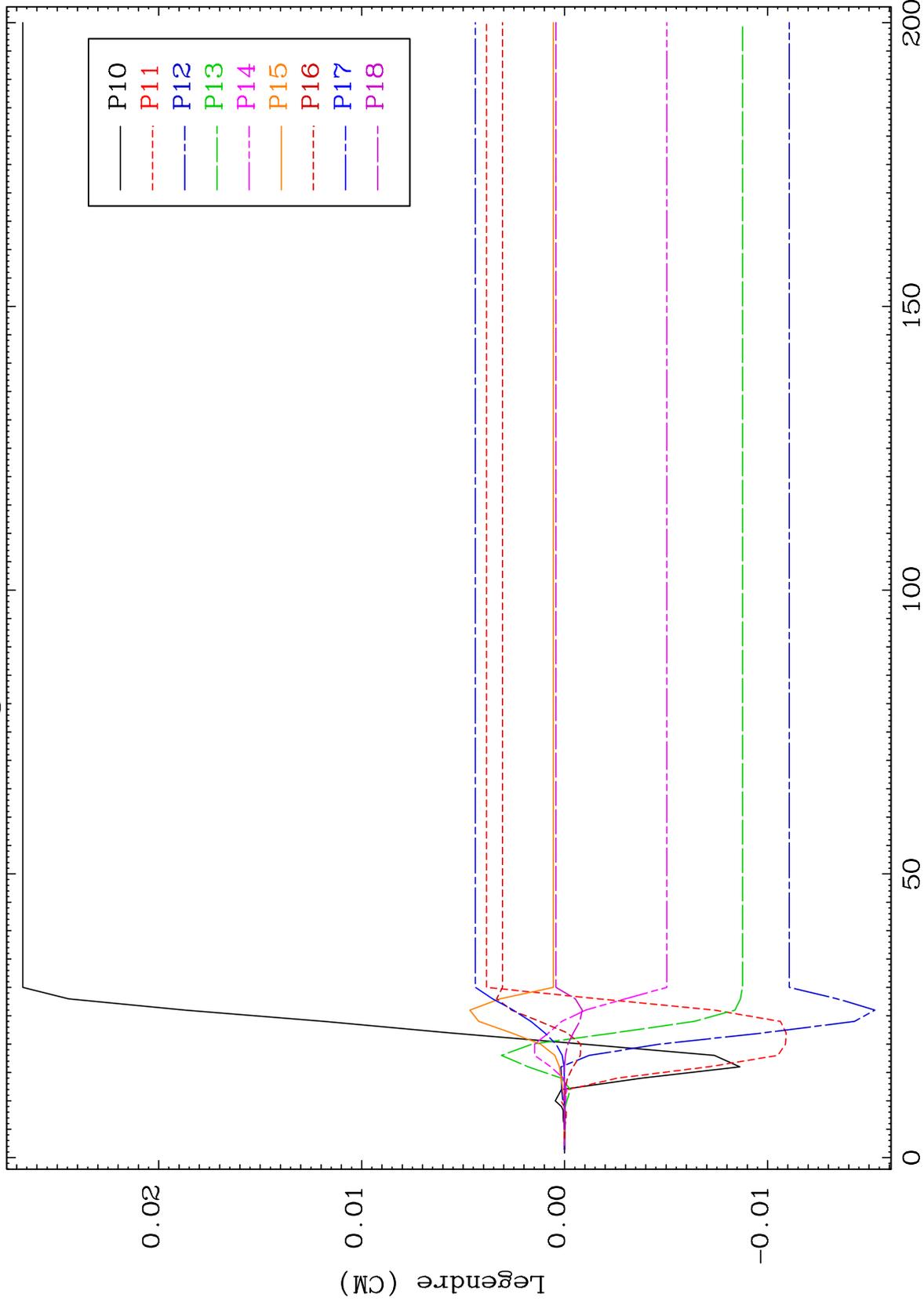
77-Ir-172



MAT 7668

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

77-Ir-172



34

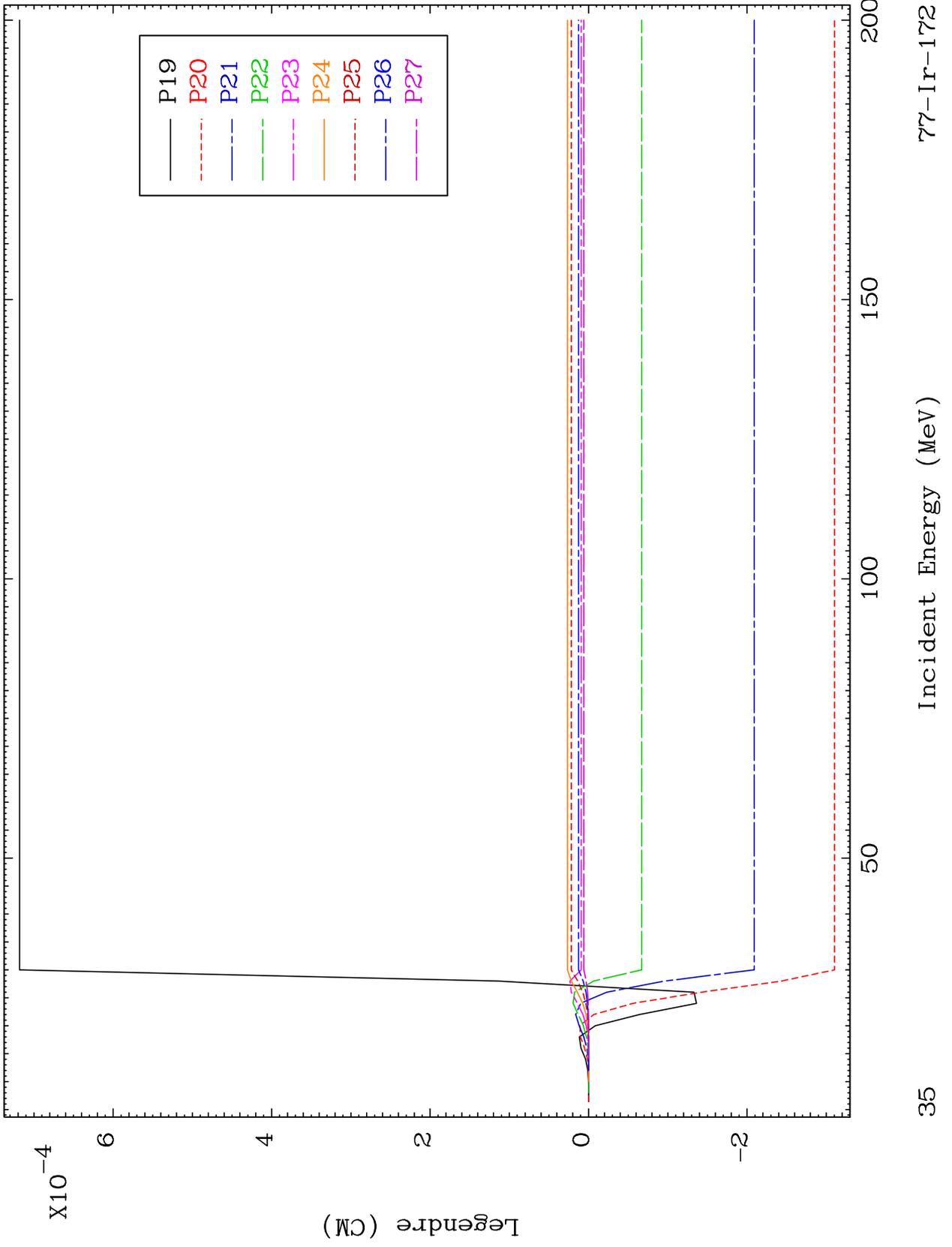
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



35

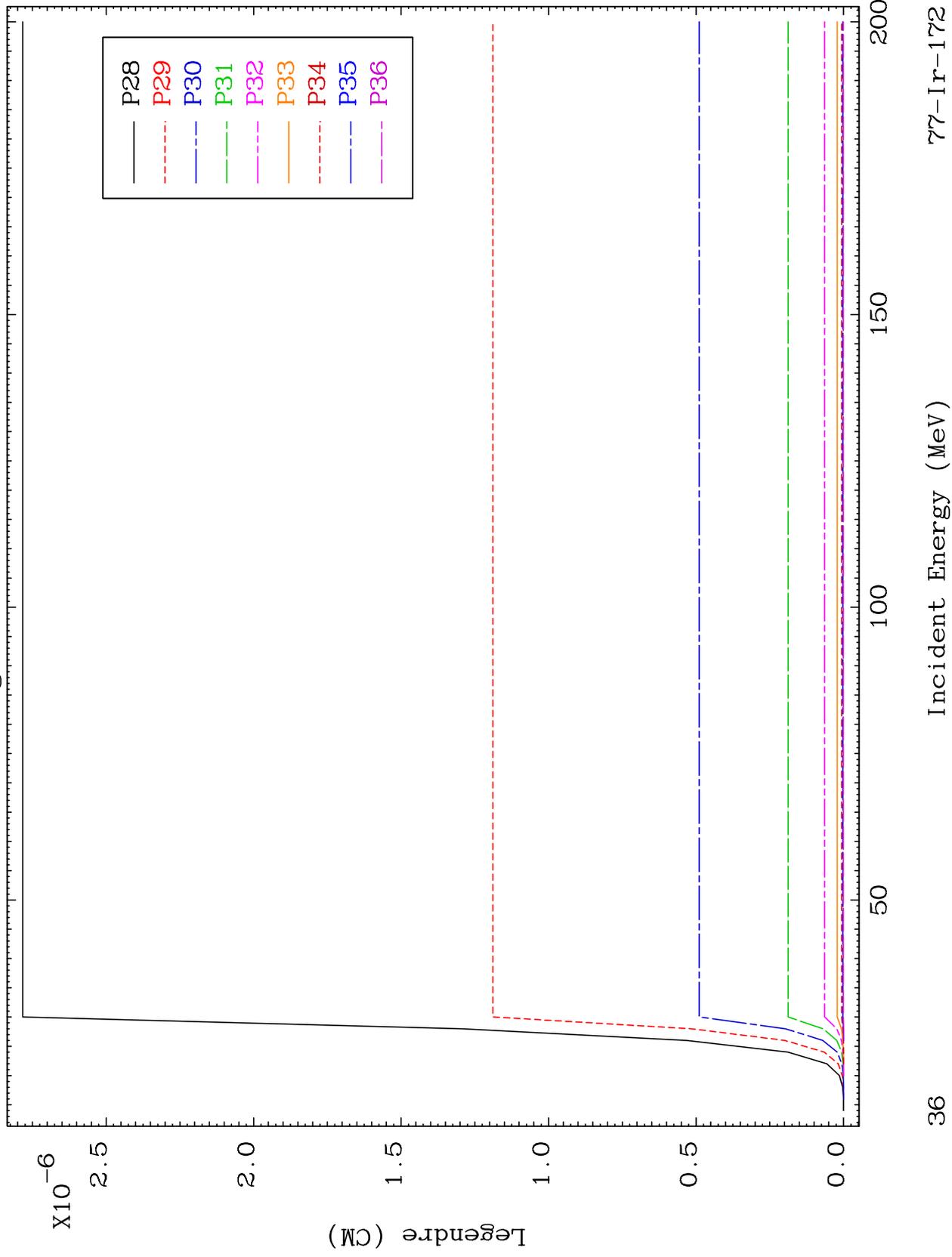
77-Ir-172

77-Ir-172

MAT 7668

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

77-Ir-172



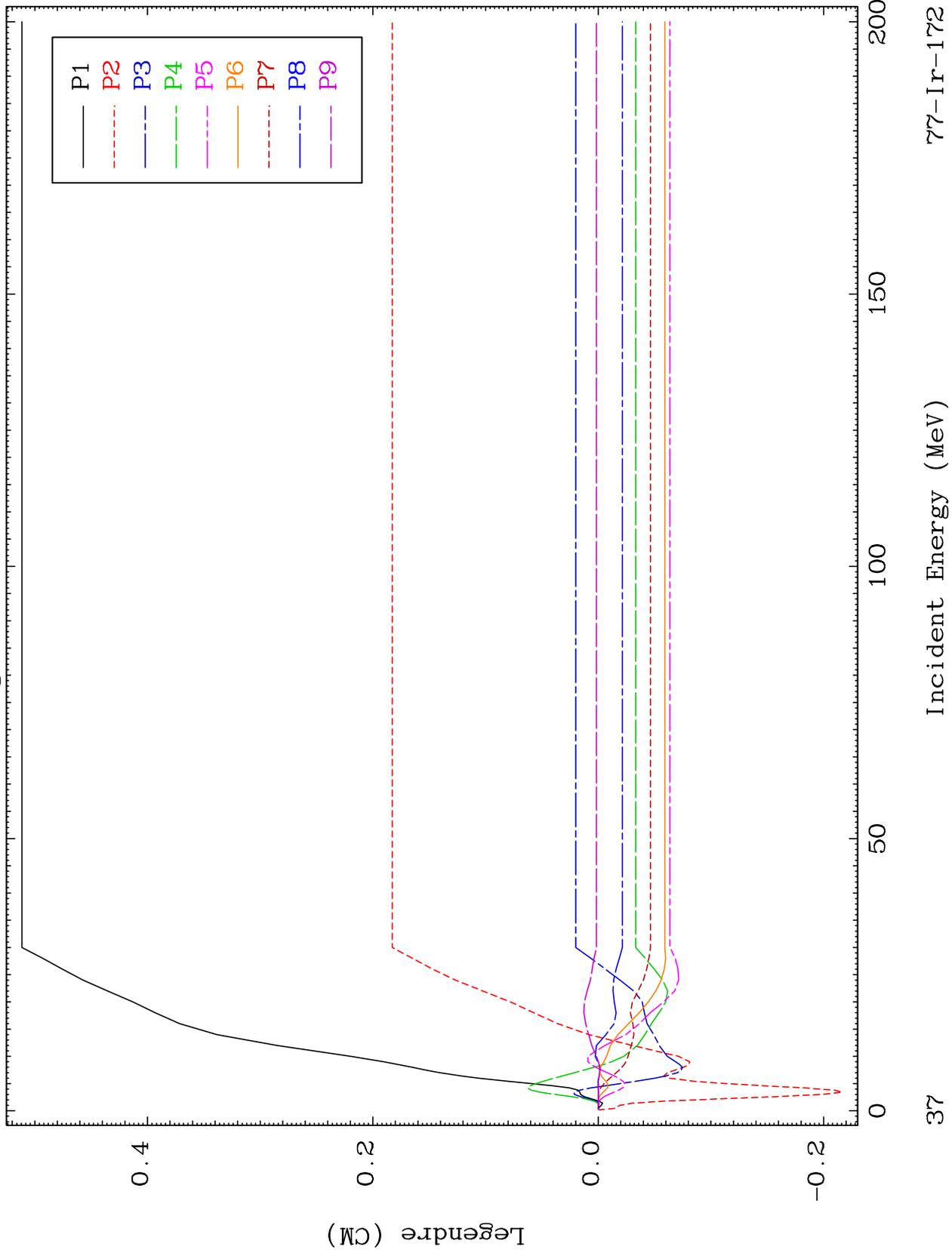
36

77-Ir-172

MAT 7668

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

77-Ir-172



77-Ir-172

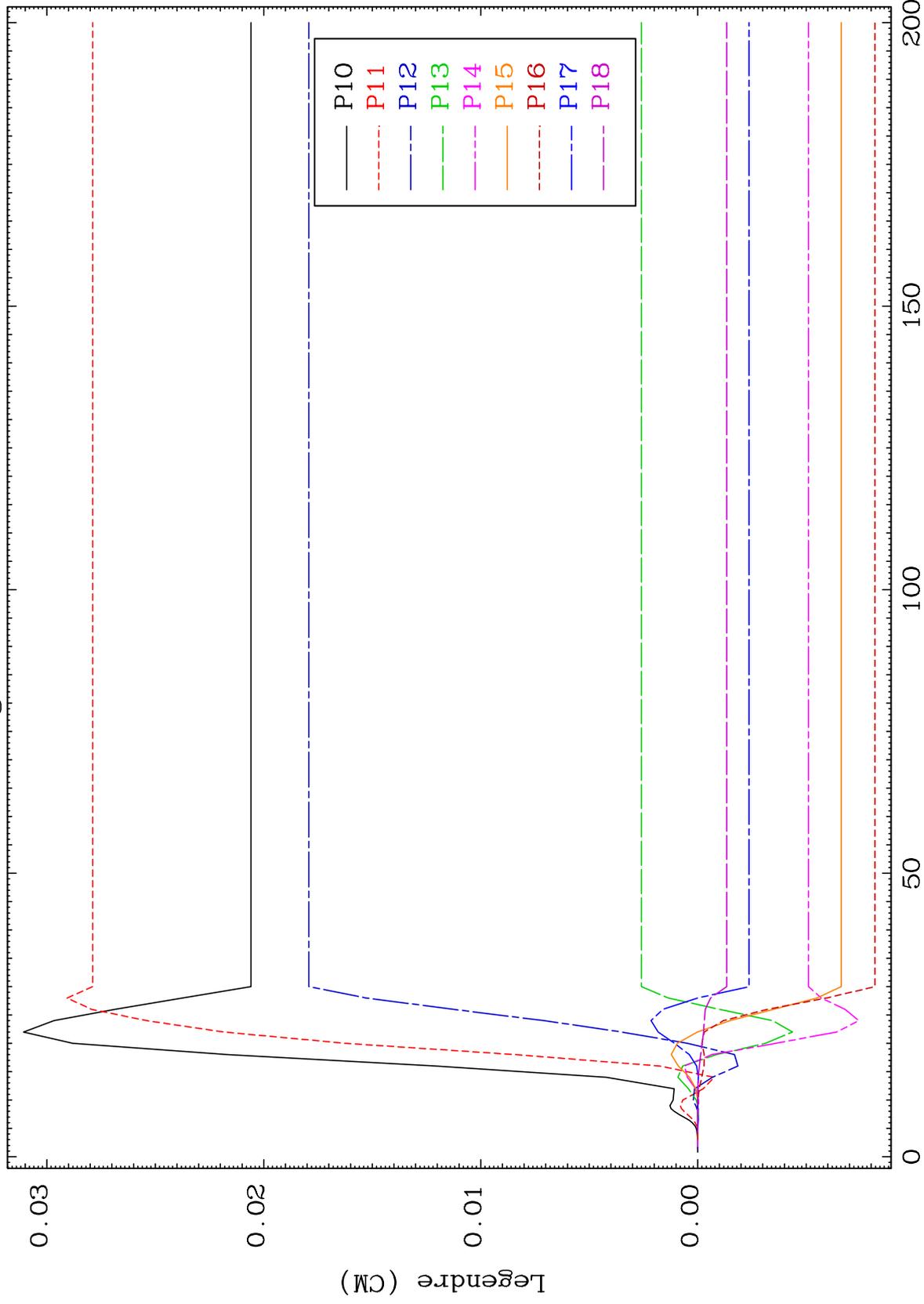
Incident Energy (MeV)

37

MAT 7668

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

77-Ir-172



38

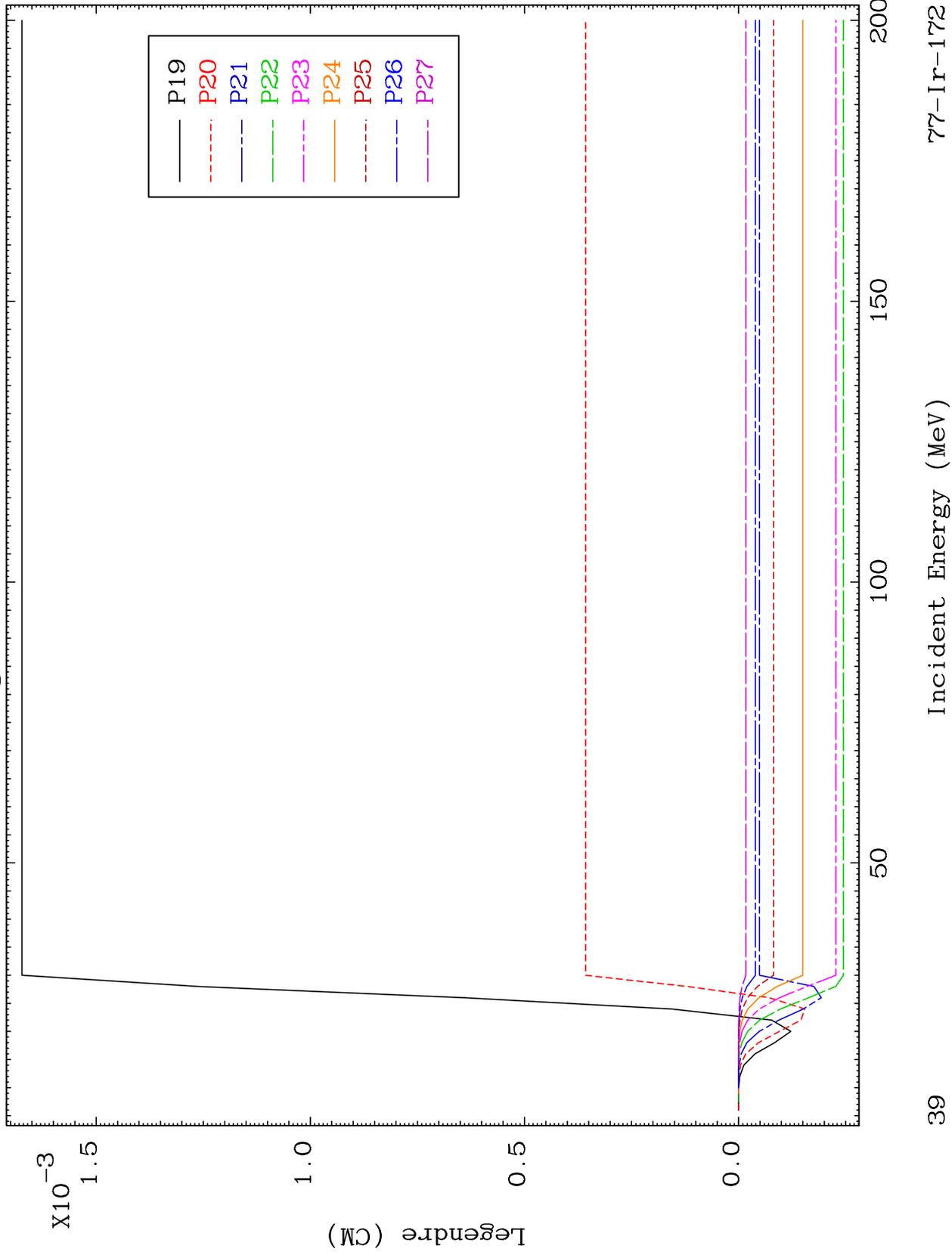
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

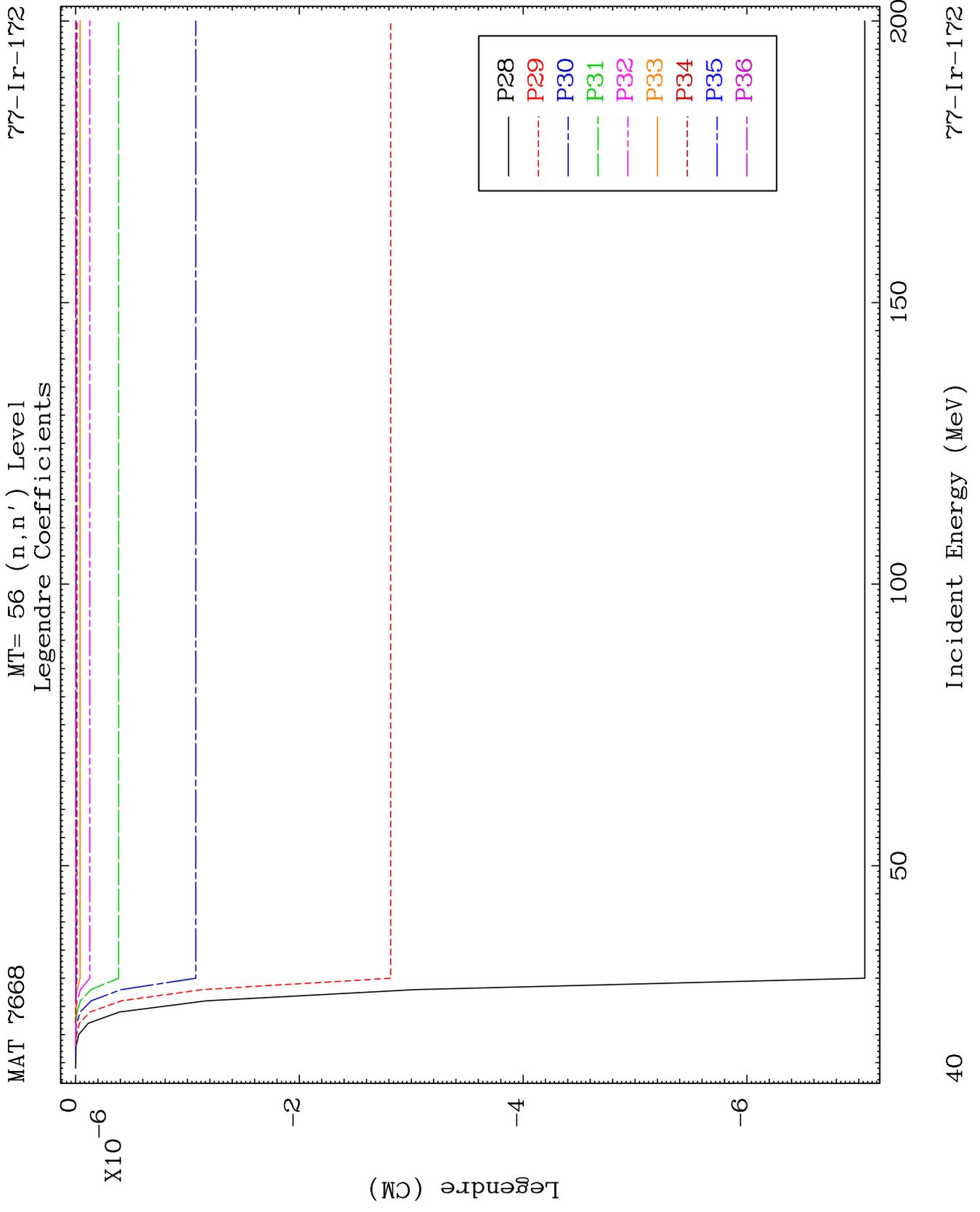
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39

Incident Energy (MeV)

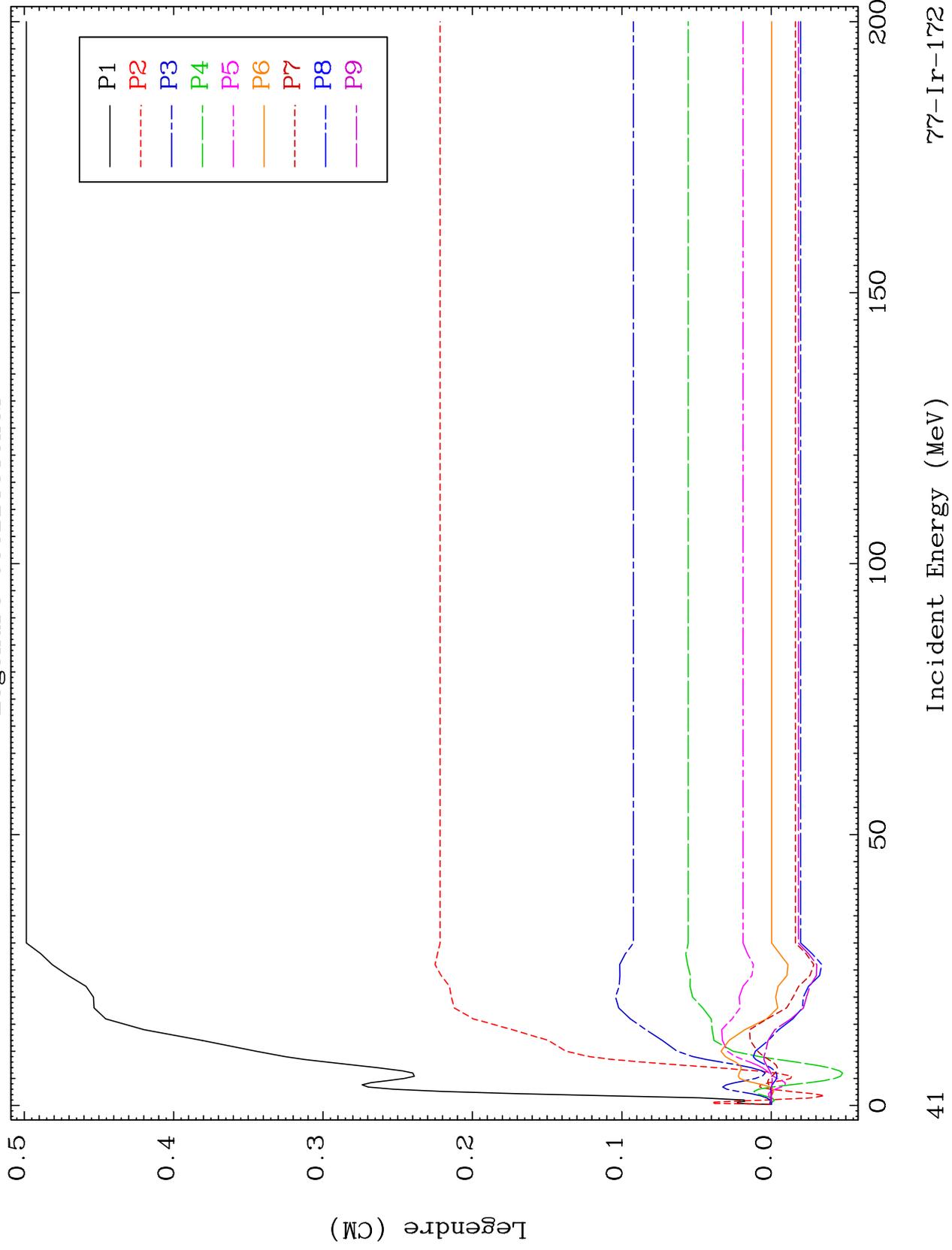
77-Ir-172



MAT 7668

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

77-Ir-172



77-Ir-172

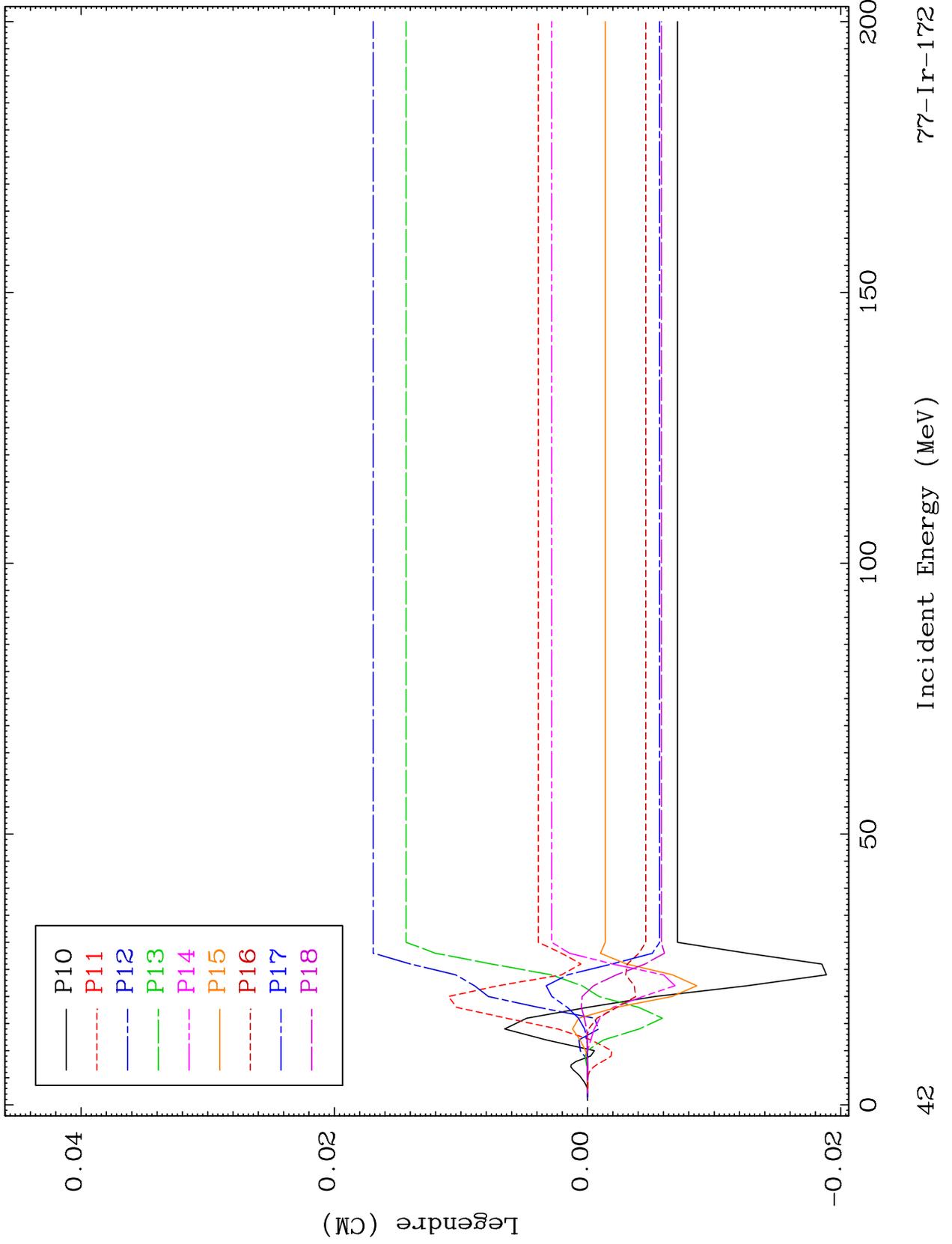
Incident Energy (MeV)

41

MAT 7668

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

77-Ir-172



77-Ir-172

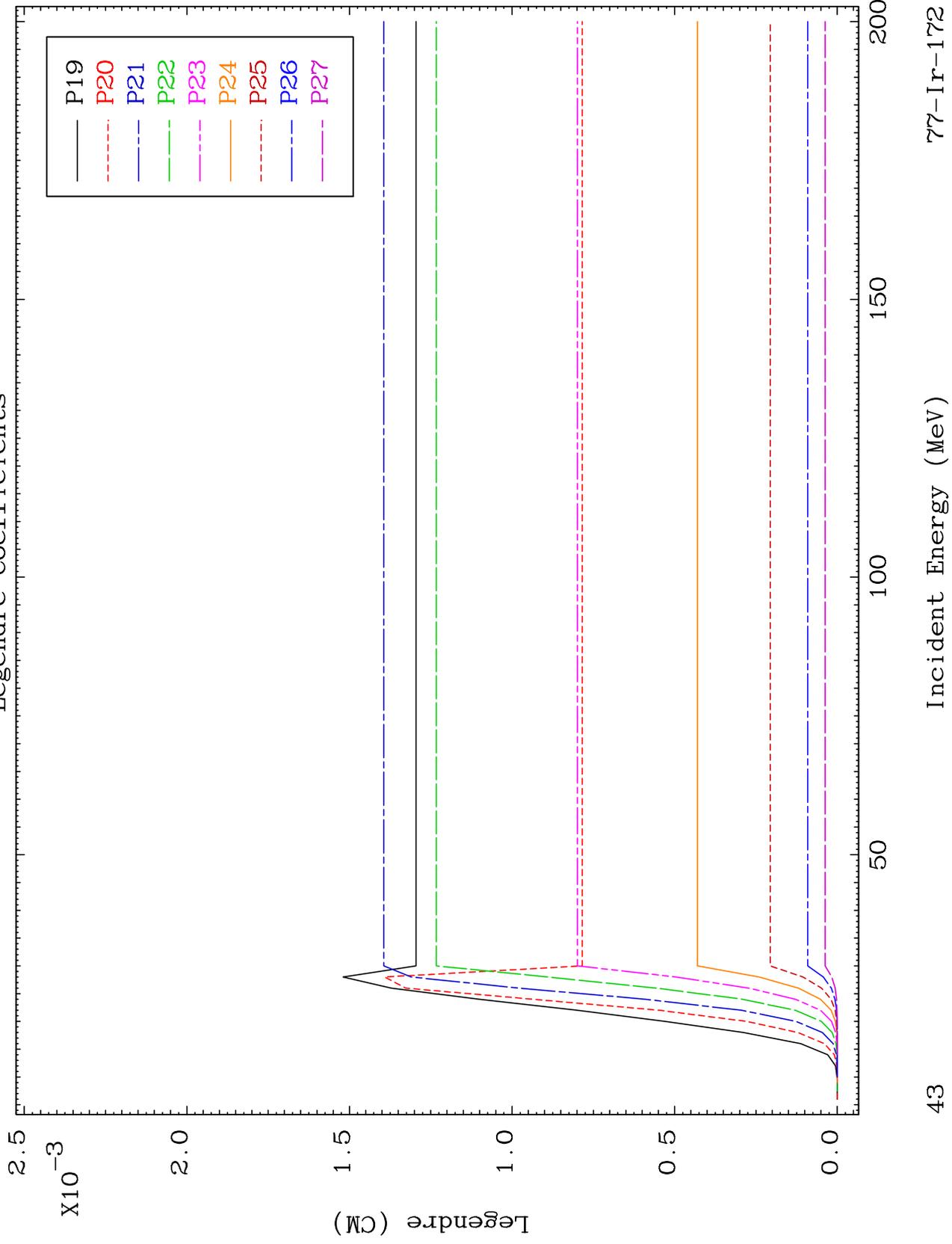
Incident Energy (MeV)

42

MAT 7668

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

77-Ir-172



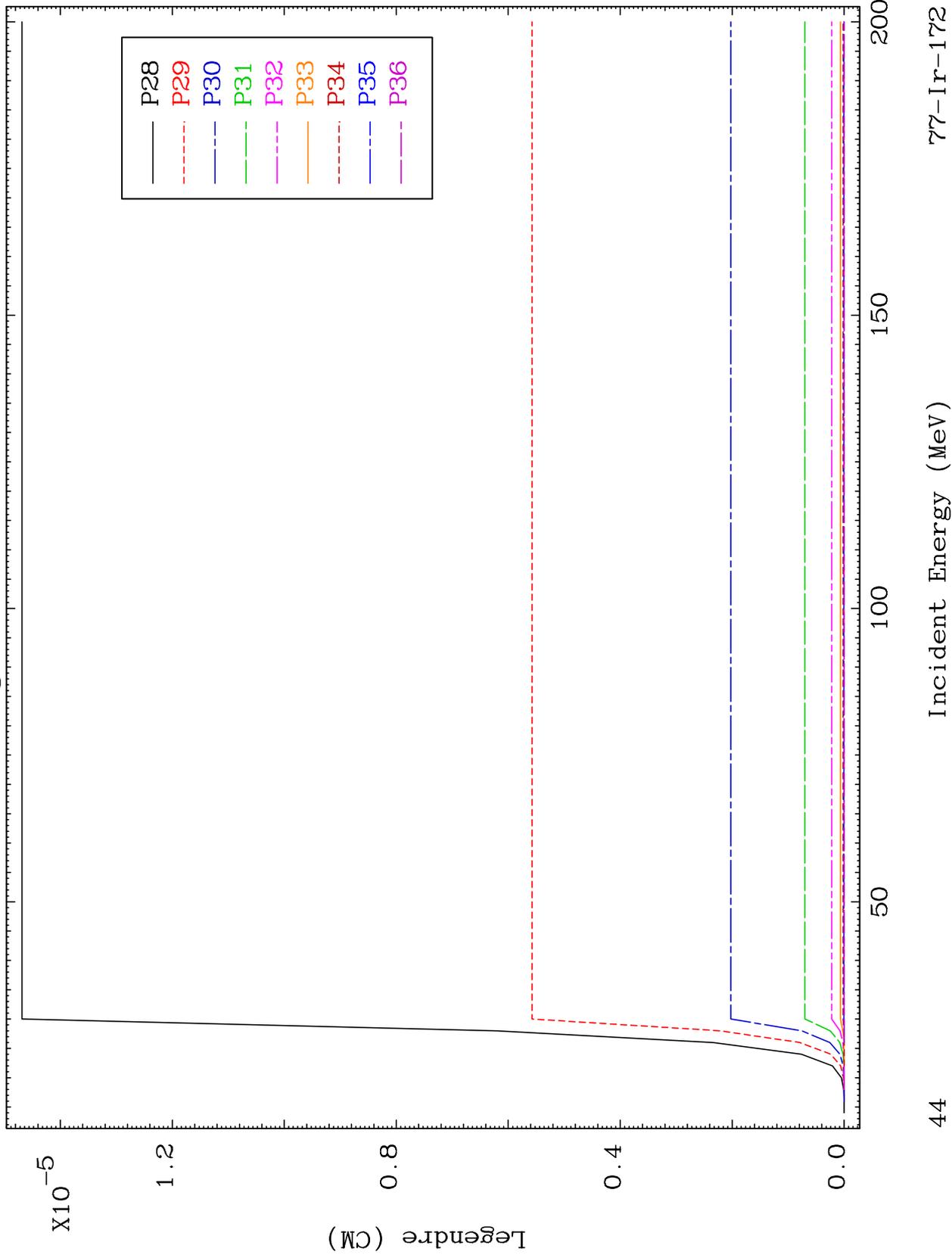
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77-Ir-172

MAT 7668

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

77-Ir-172



44

Incident Energy (MeV)

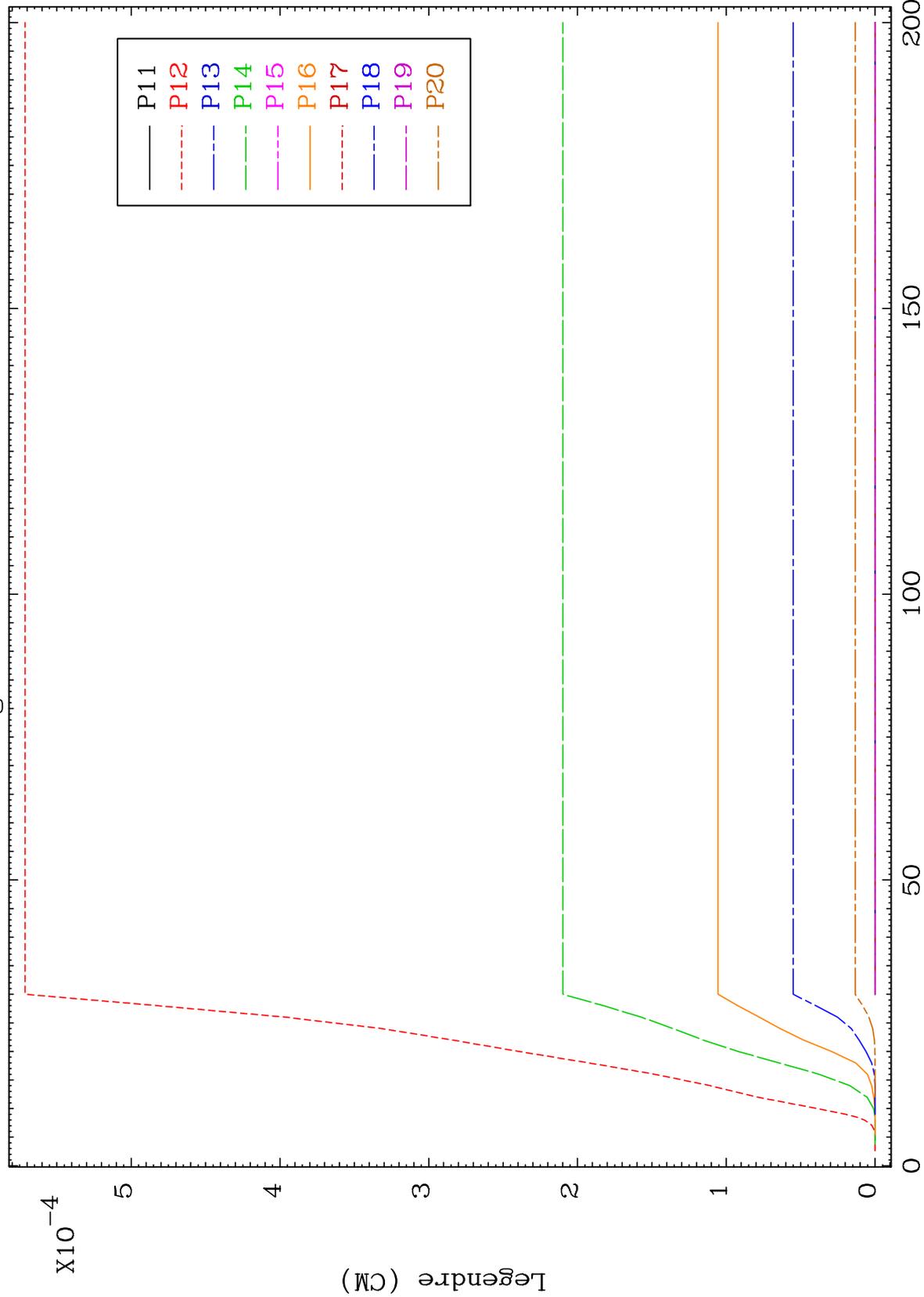
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MAT 7668

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

77-Ir-172



46

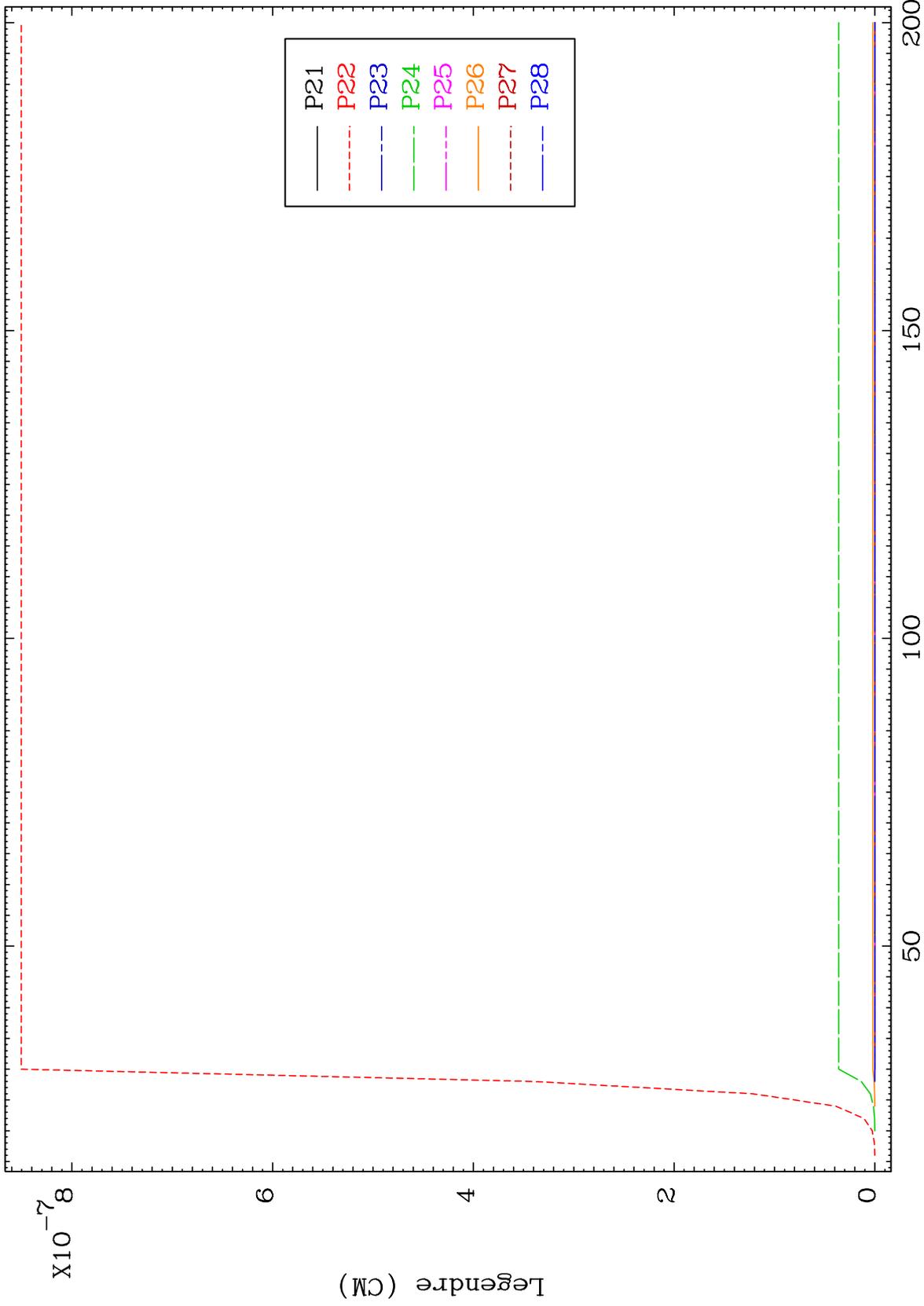
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



47

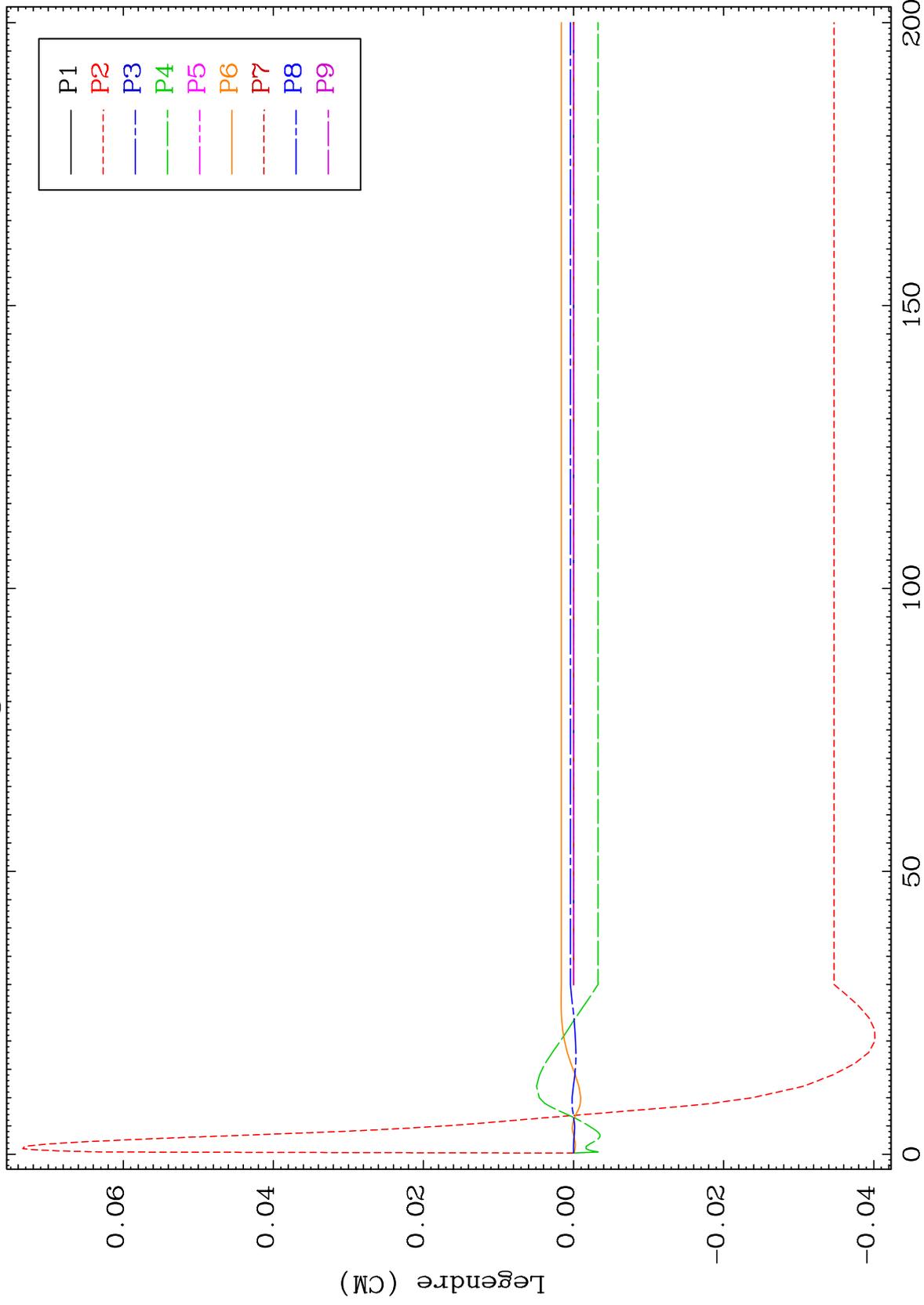
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



77-Ir-172

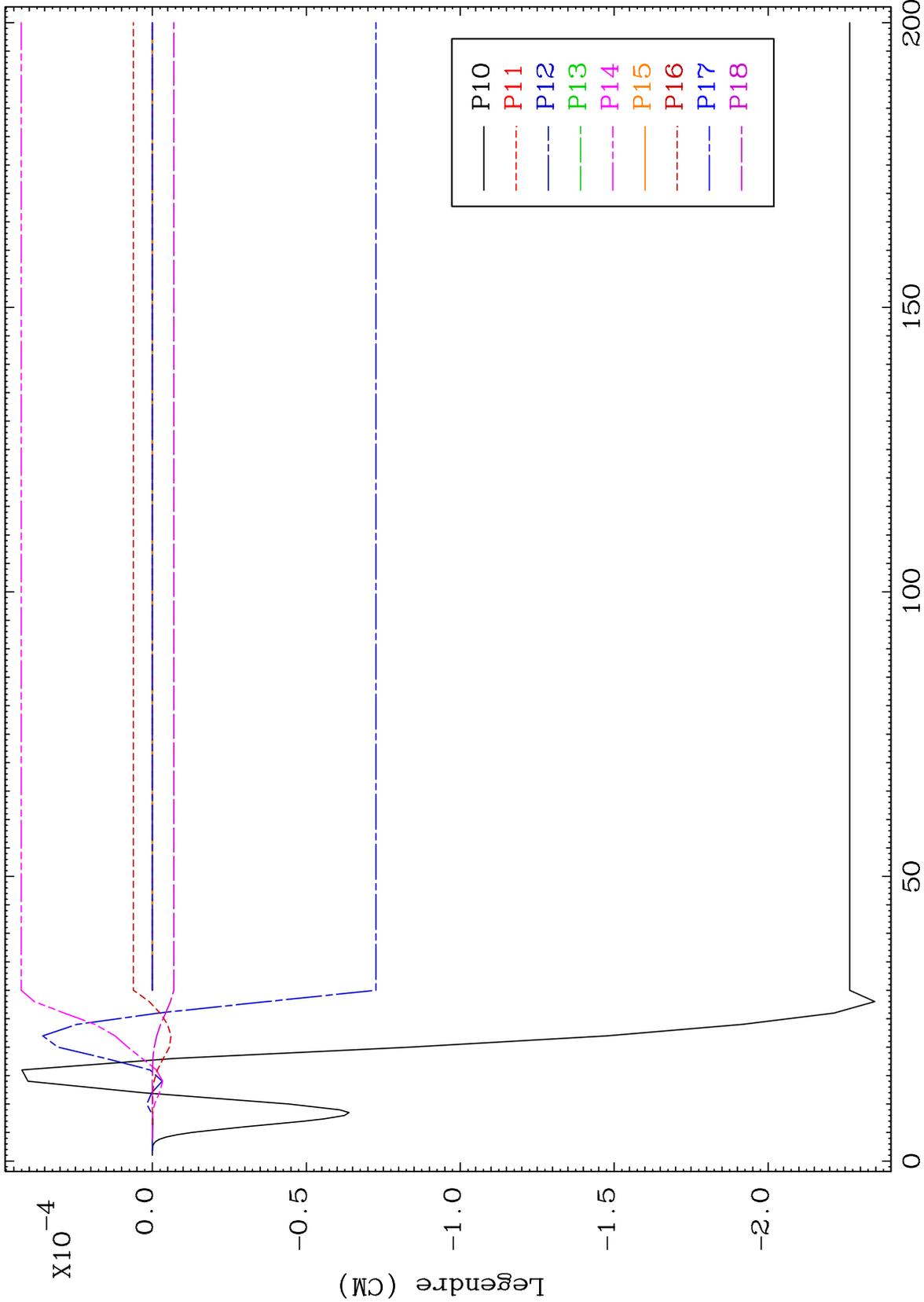
Incident Energy (MeV)

48

MAT 7668

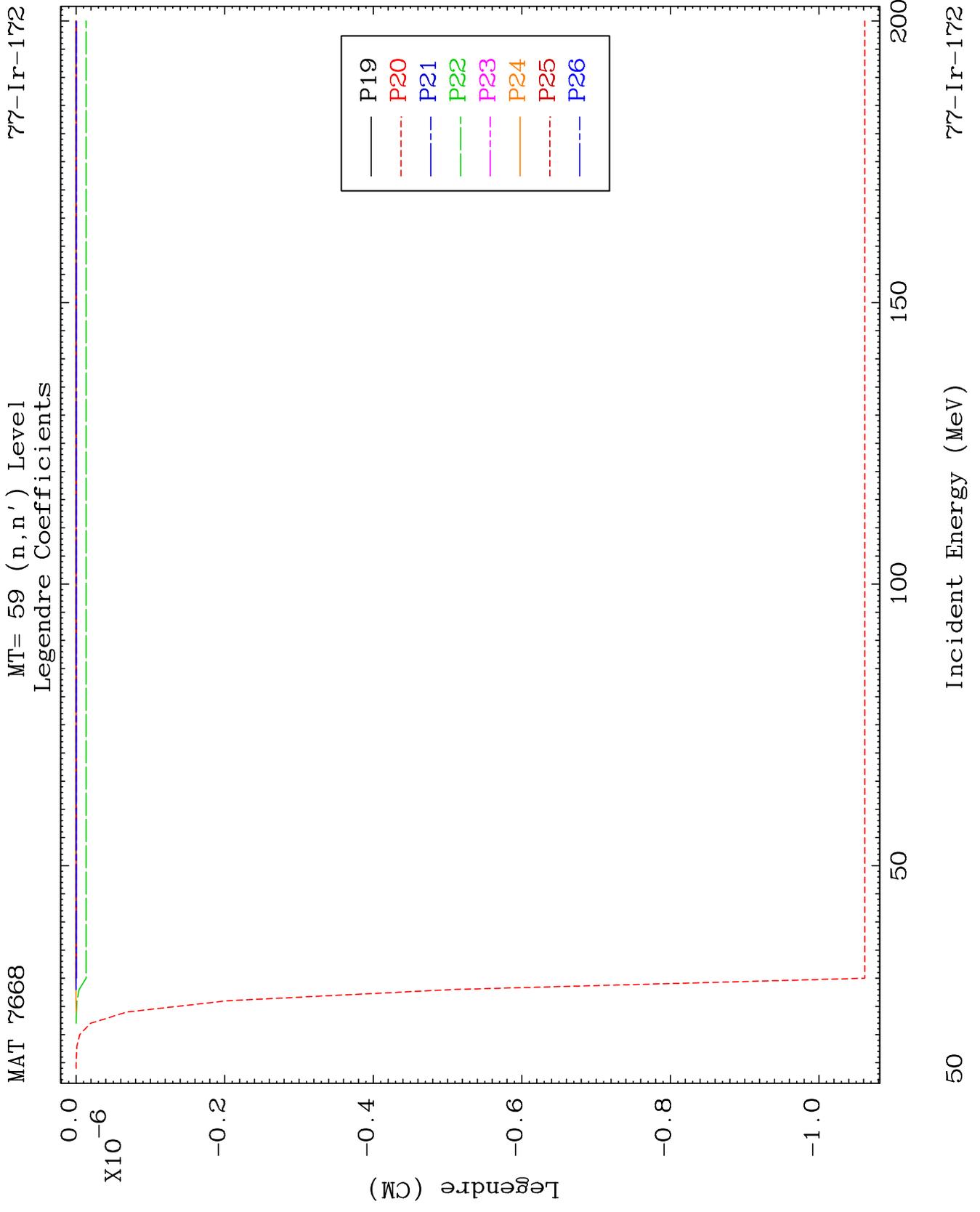
MT= 59 (n,n') Level  
Legendre Coefficients

77-Ir-172



49

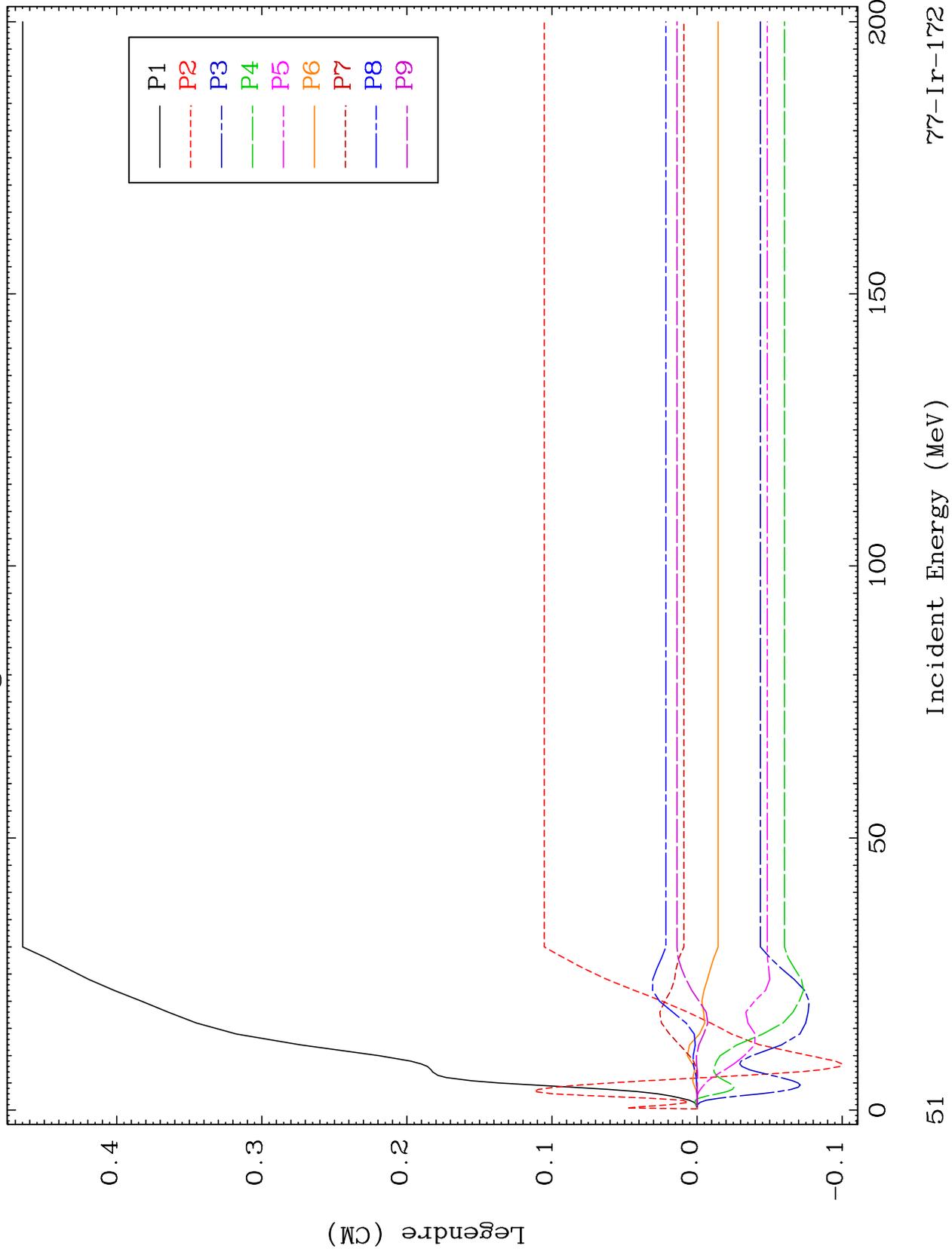
77-Ir-172



MAT 7668

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

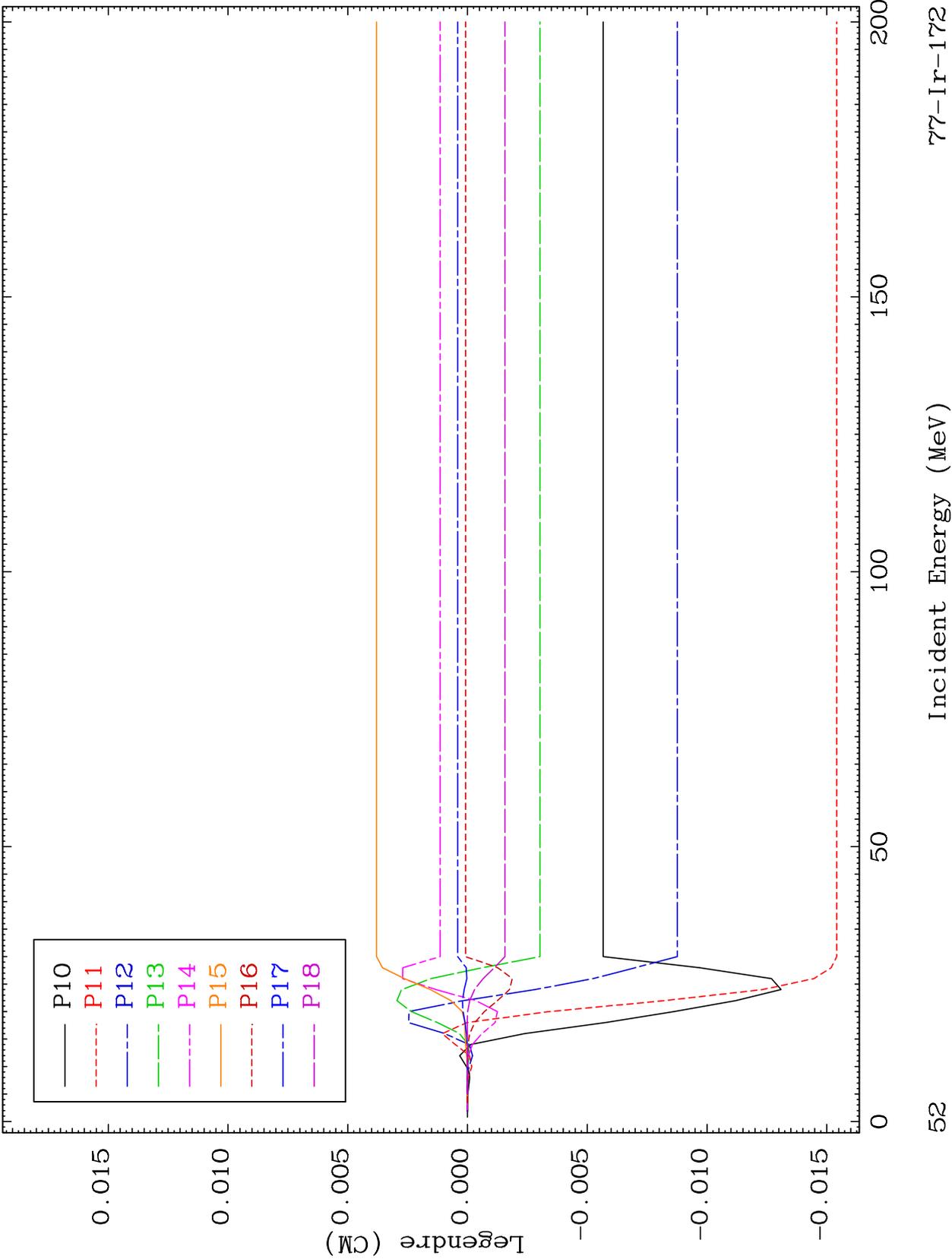
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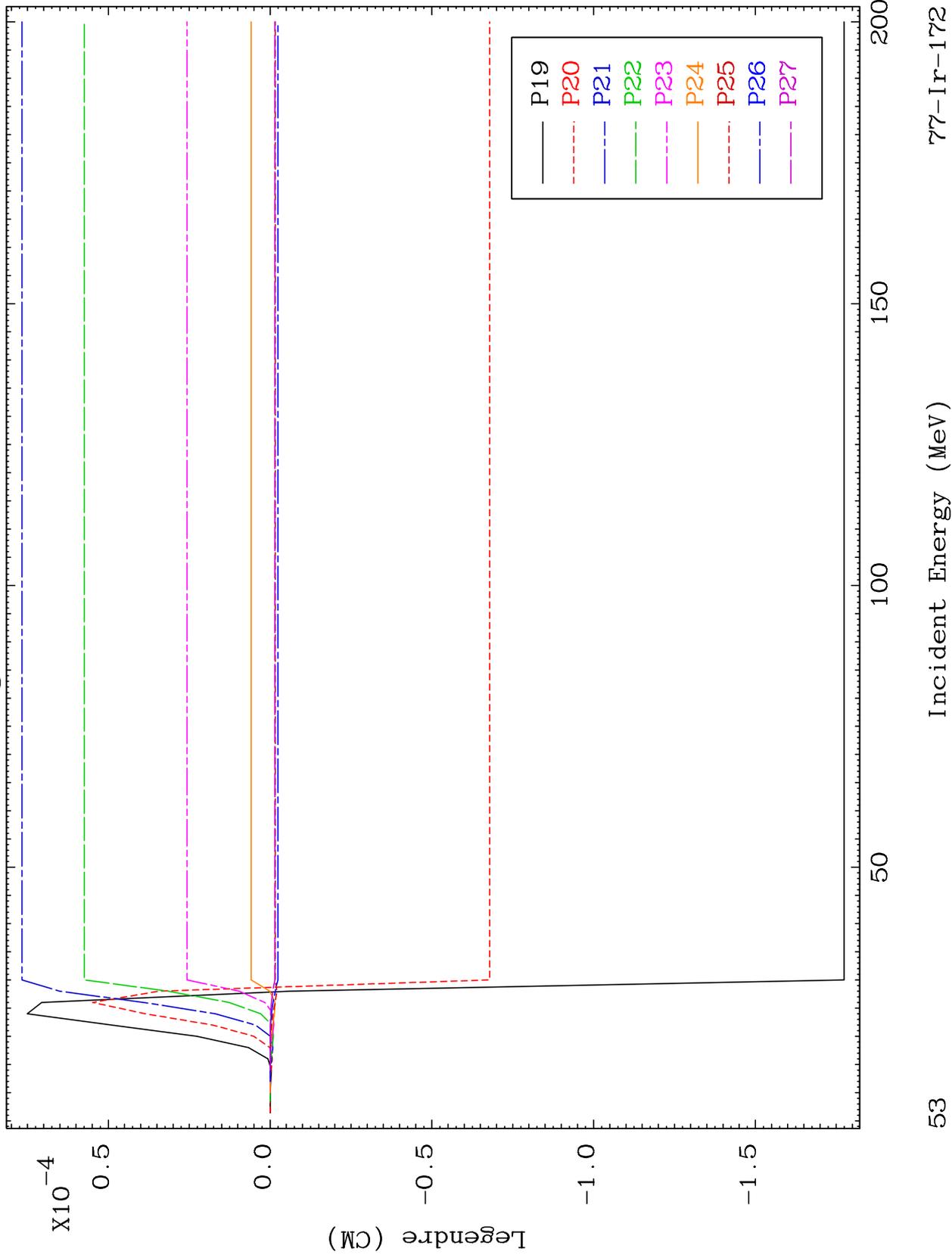


77-Ir-172

Incident Energy (MeV)

51

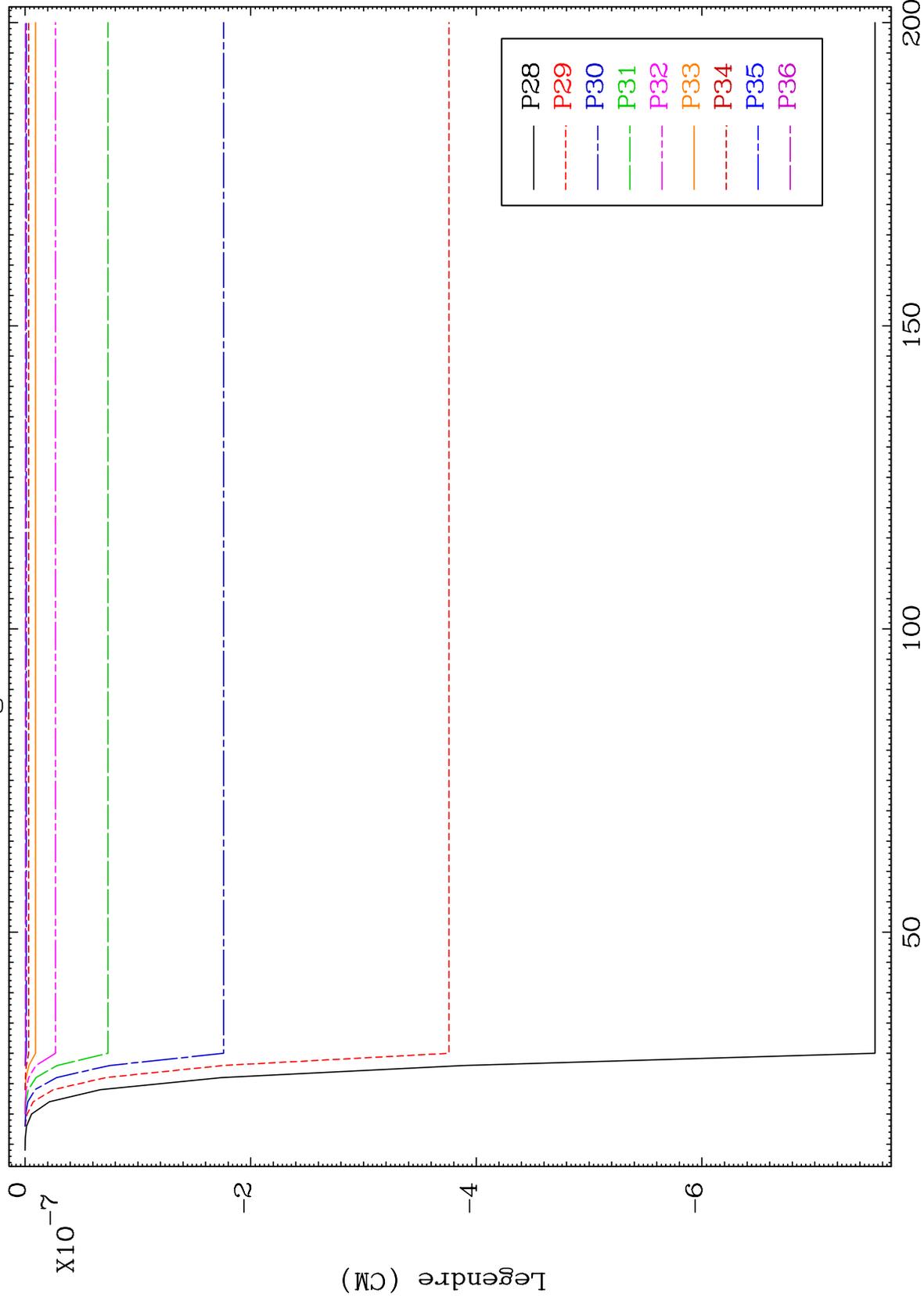




MAT 7668

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

77-Ir-172



54

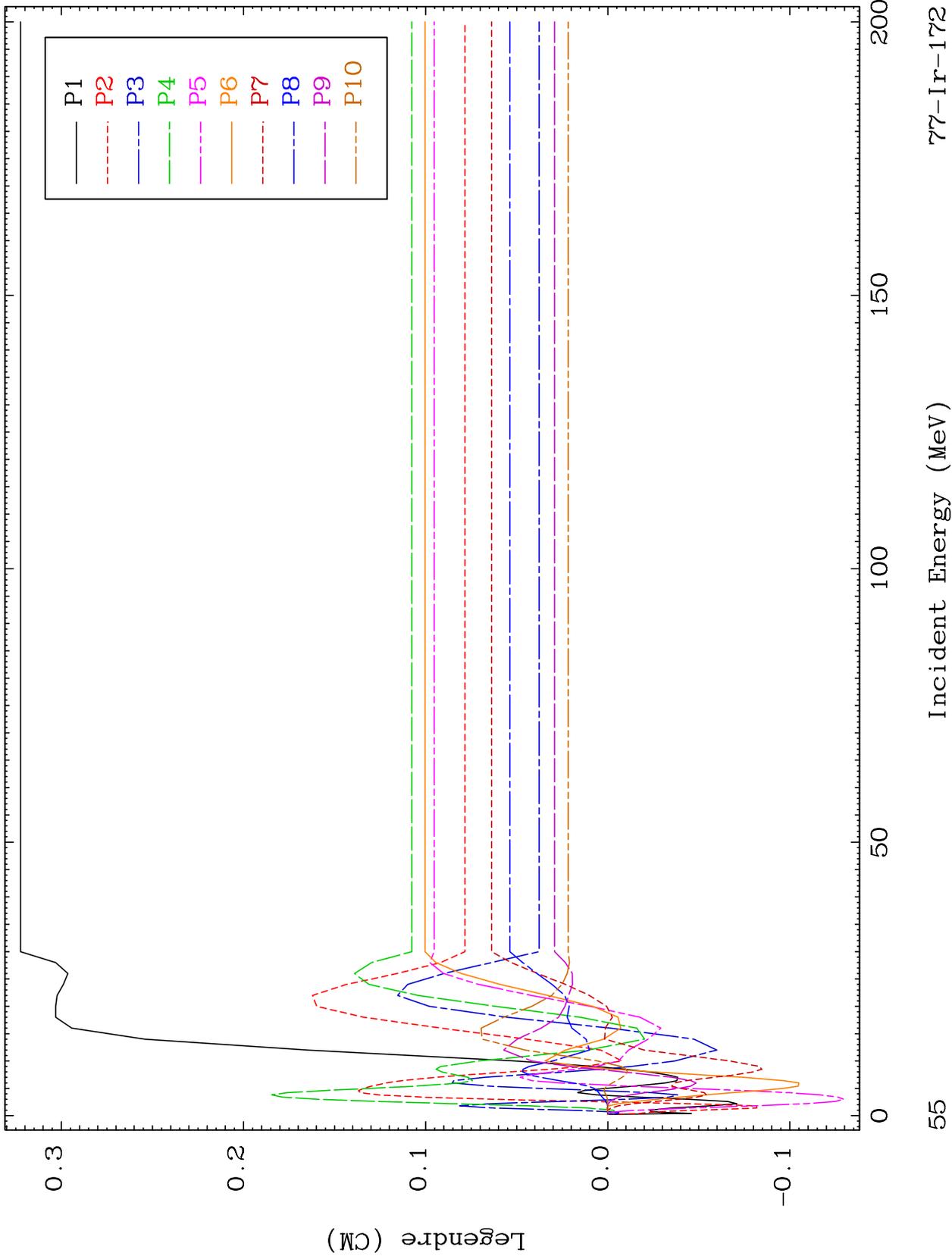
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



77-Ir-172

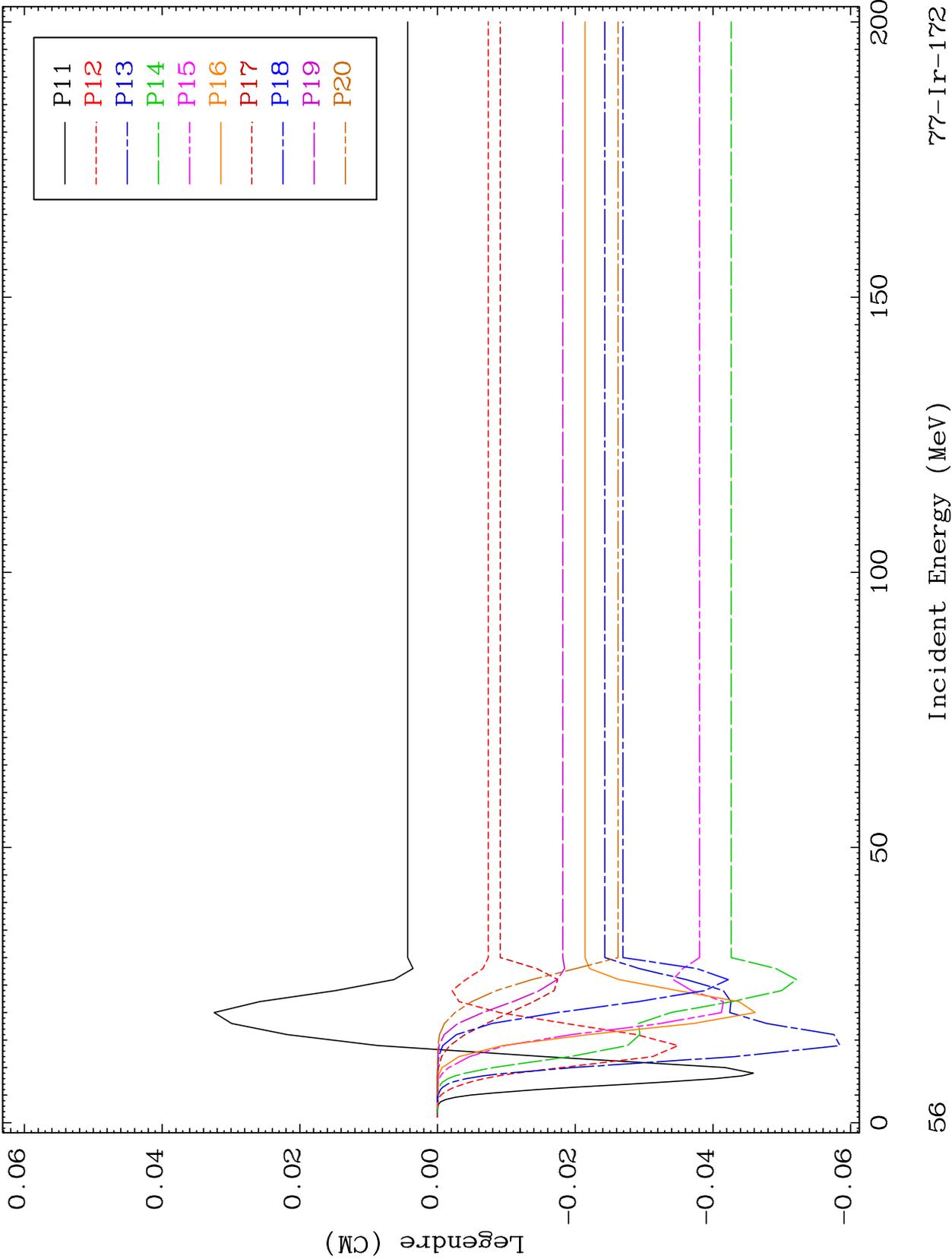
Incident Energy (MeV)

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MAT 7668

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

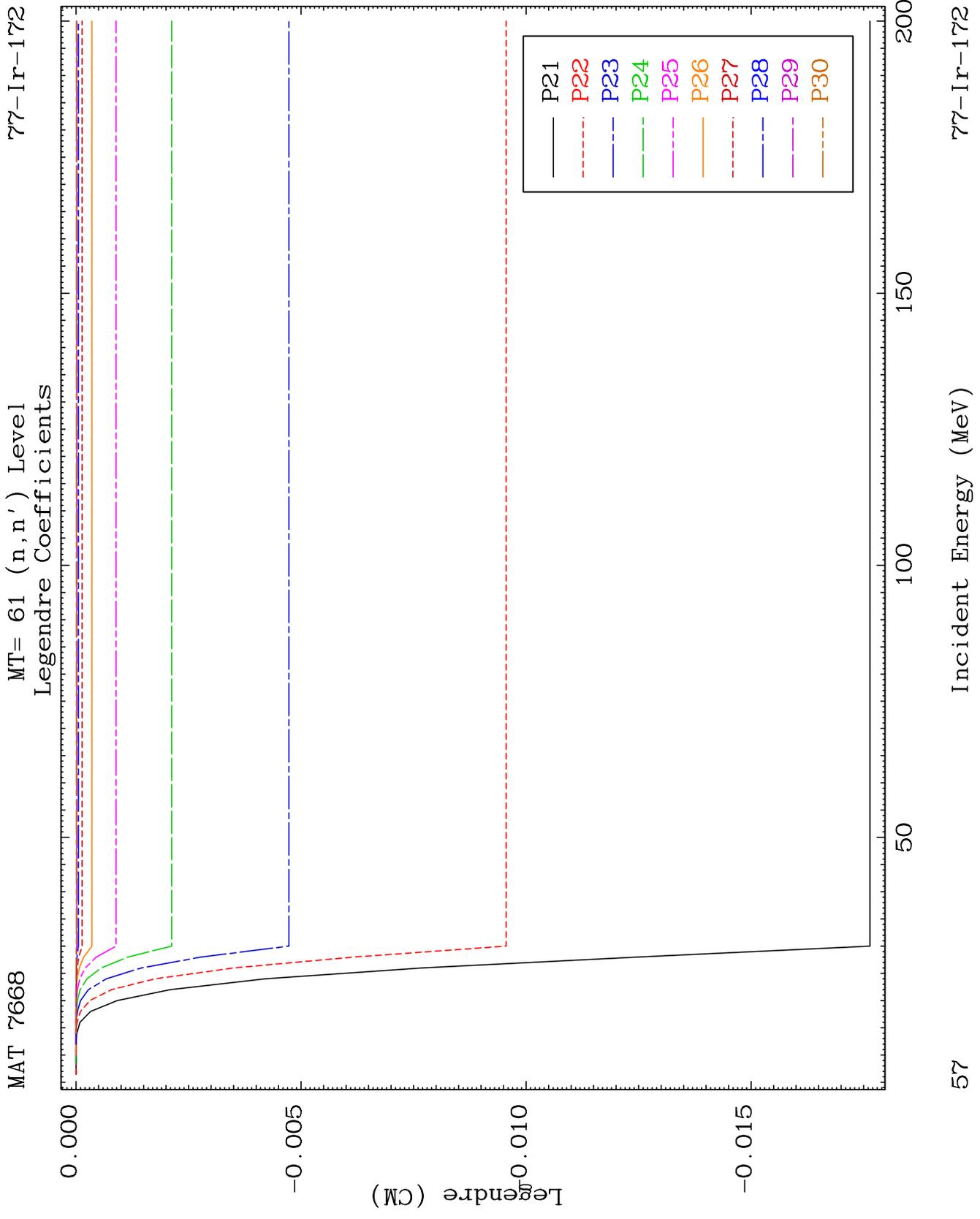
77-Ir-172



77-Ir-172

Incident Energy (MeV)

56

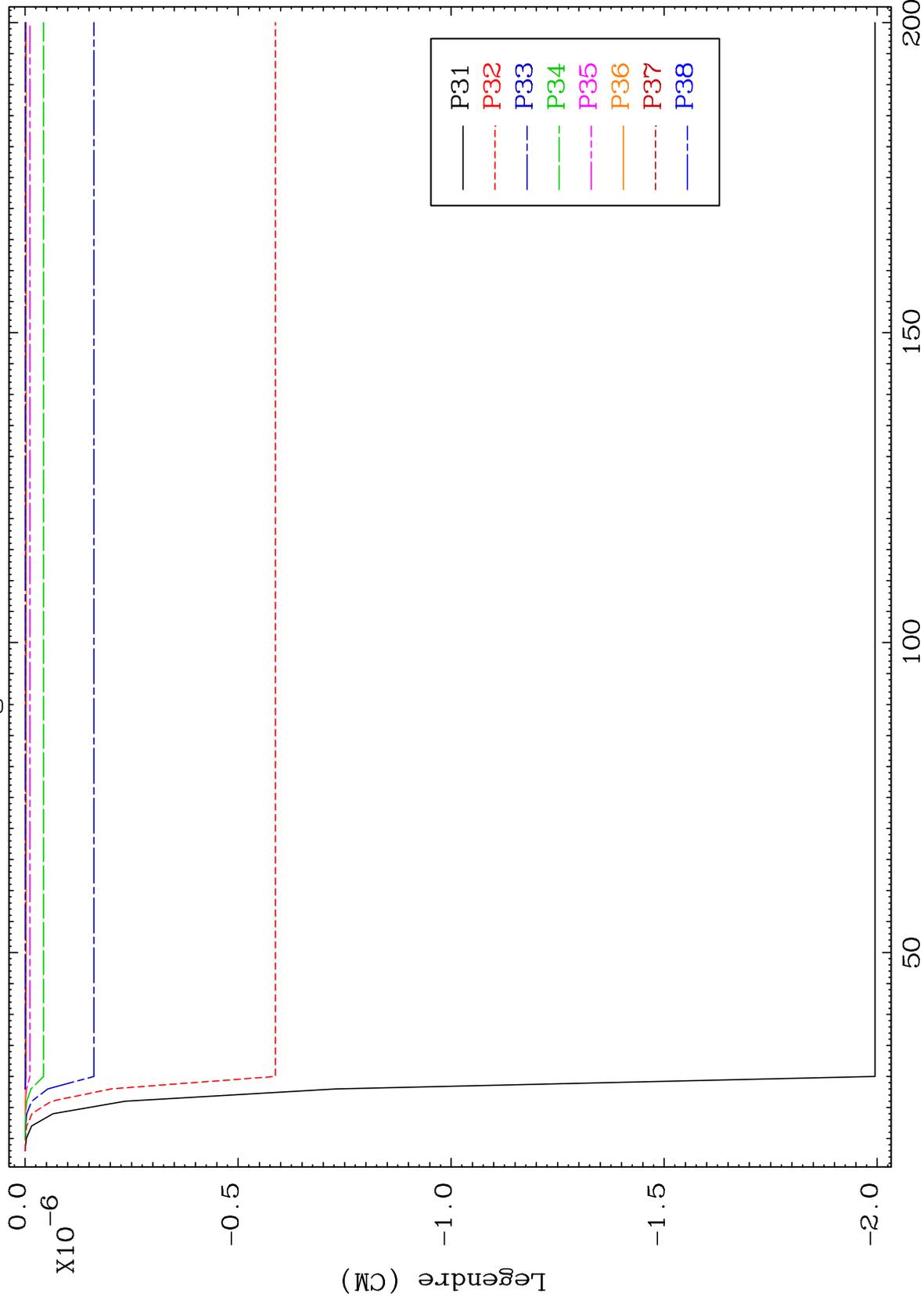


MAT 7668

MT= 61 (n,n') Level

77-Ir-172

Legendre Coefficients



58

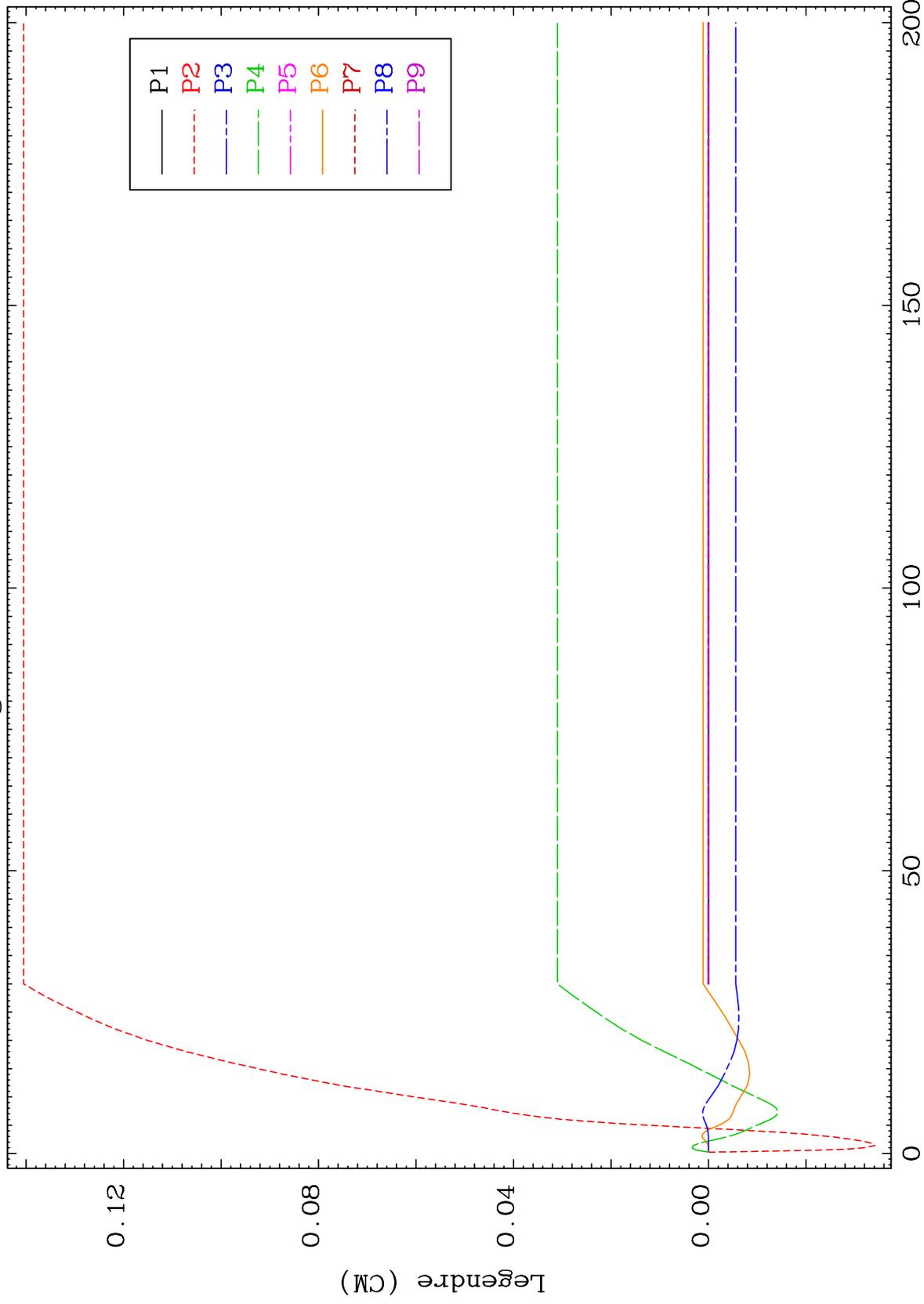
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



77-Ir-172

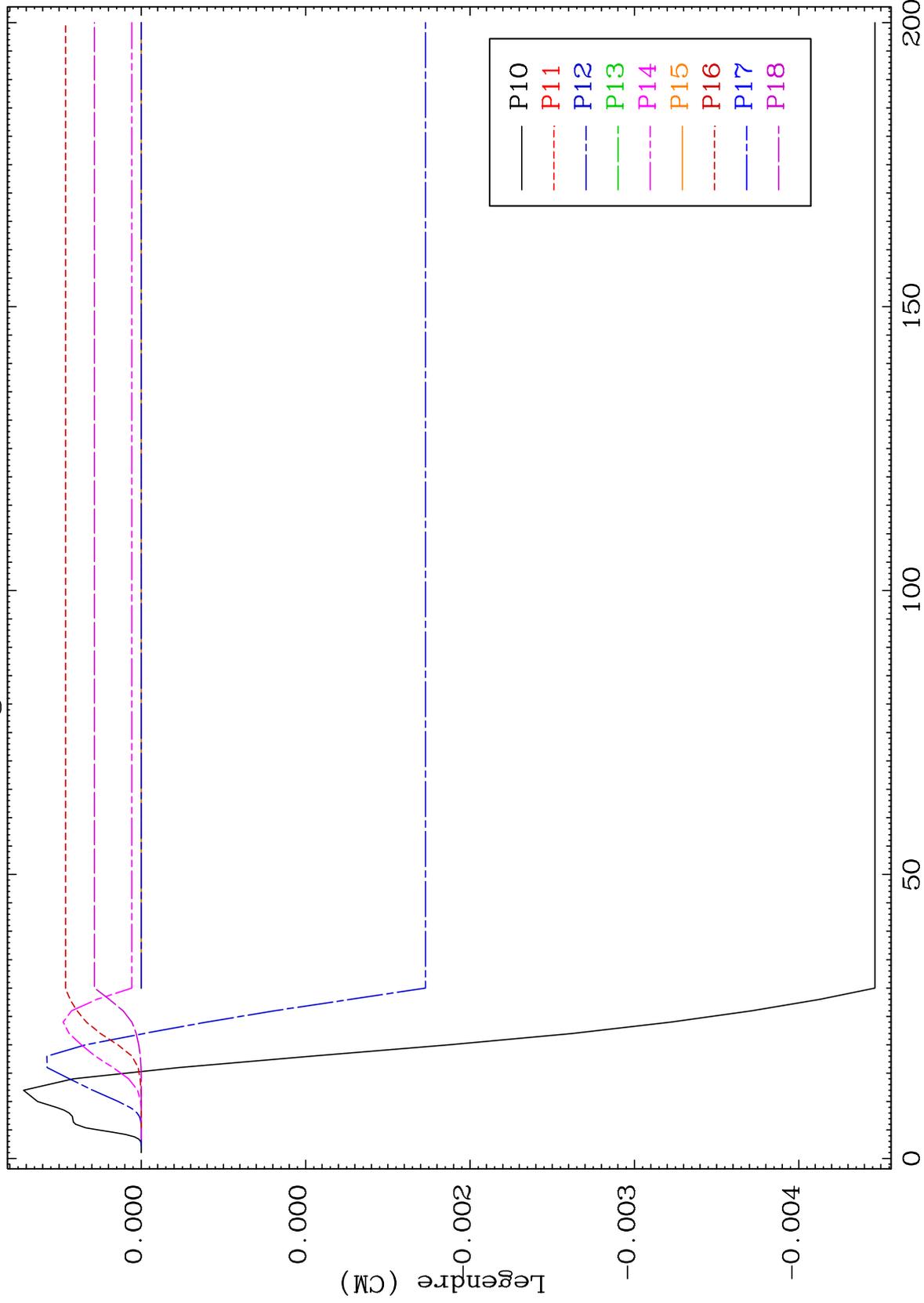
Incident Energy (MeV)

59

MAT 7668

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

77-Ir-172



60

Incident Energy (MeV)

77-Ir-172

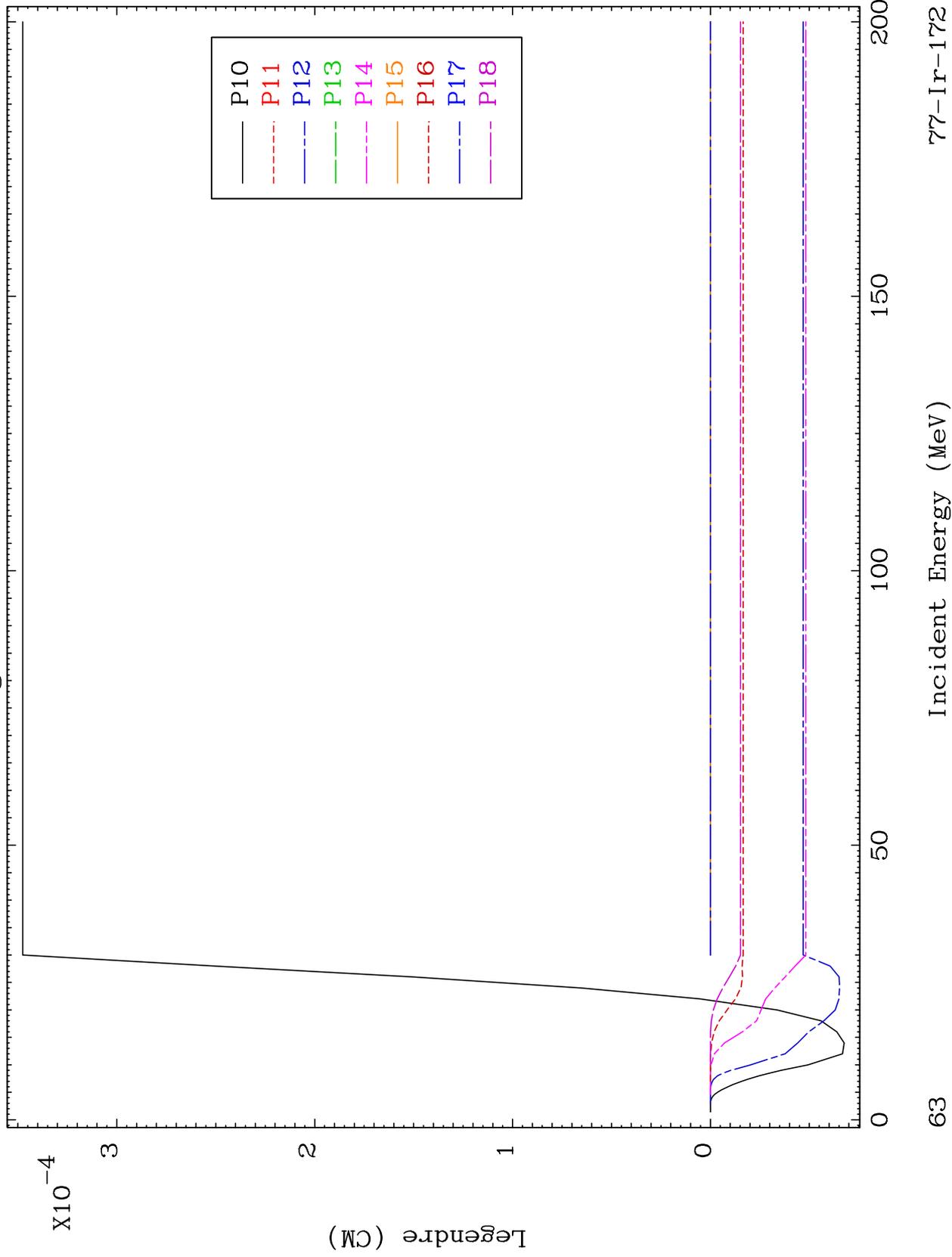




MAT 7668

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

77-Ir-172



77-Ir-172

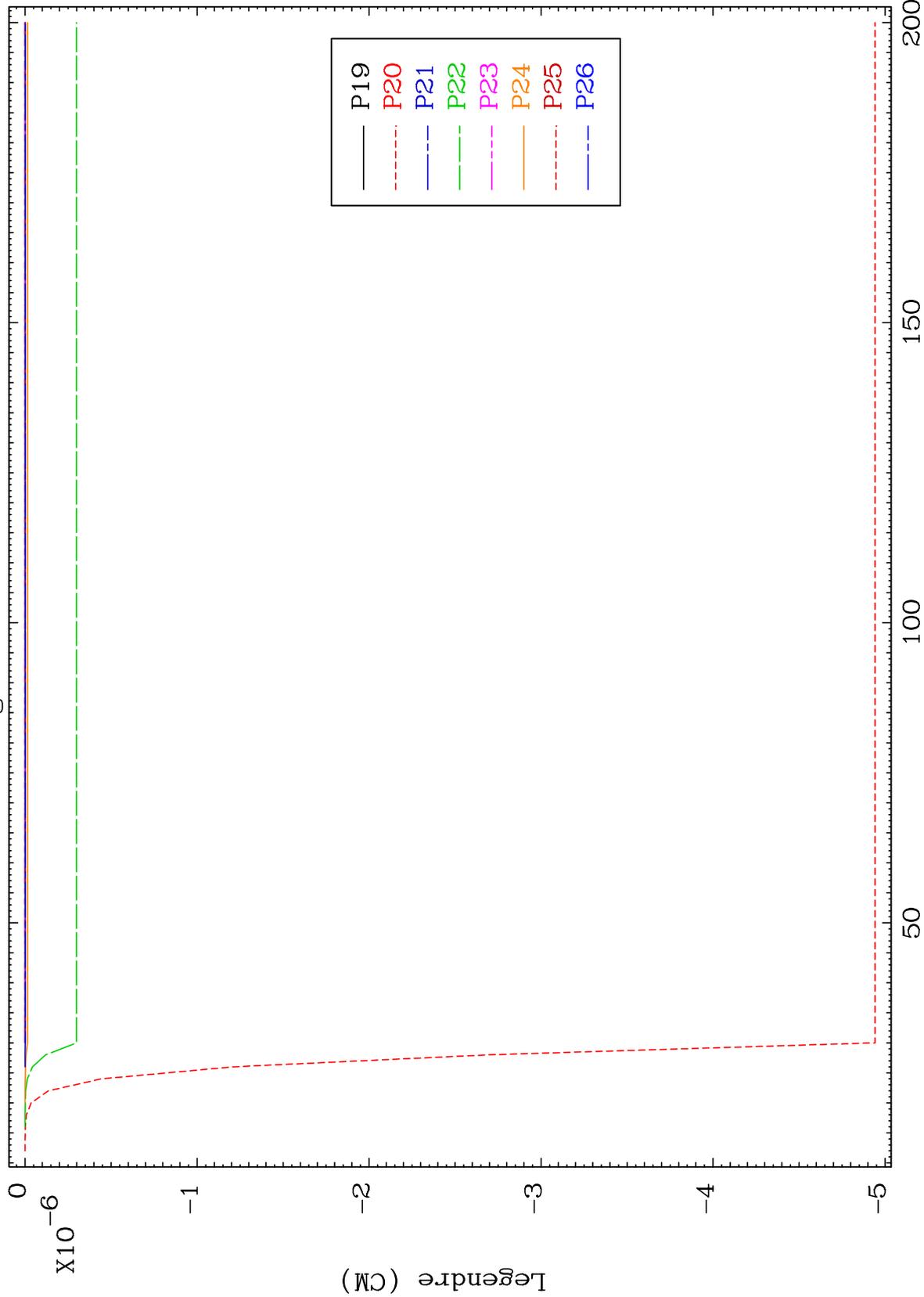
Incident Energy (MeV)

63

MAT 7668

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

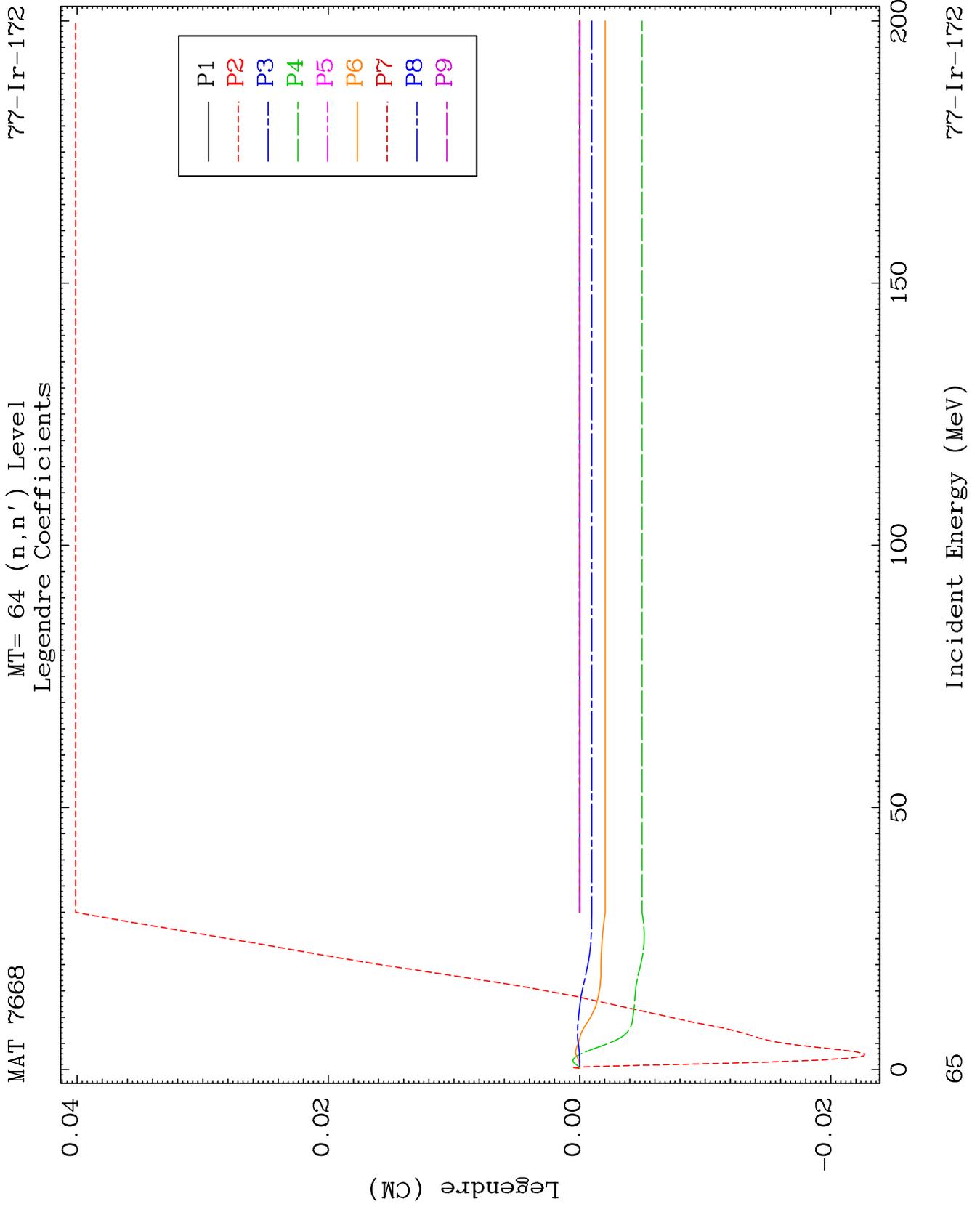
77-Ir-172



64

Incident Energy (MeV)

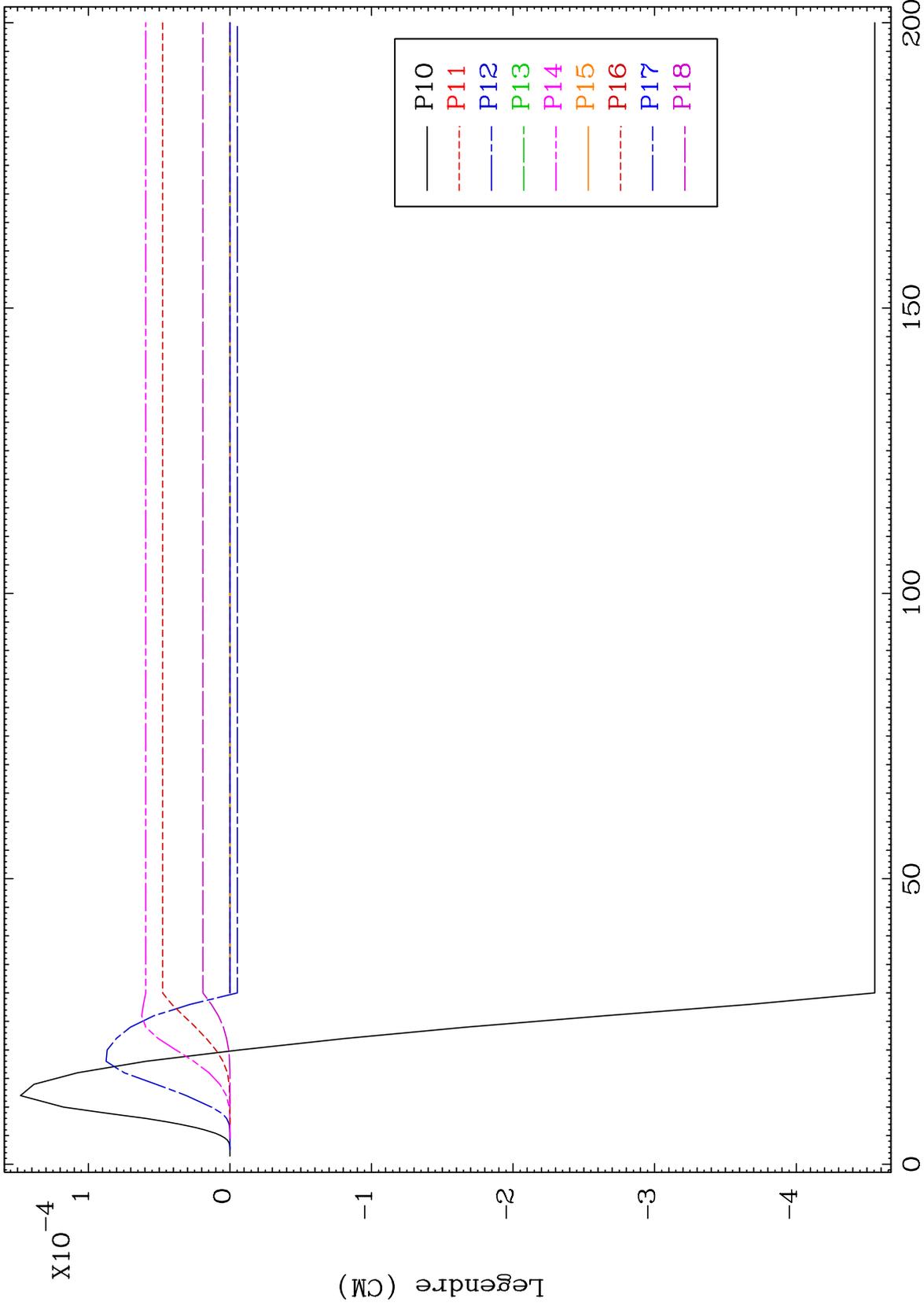
77-Ir-172



MAT 7668

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

77-Ir-172



66

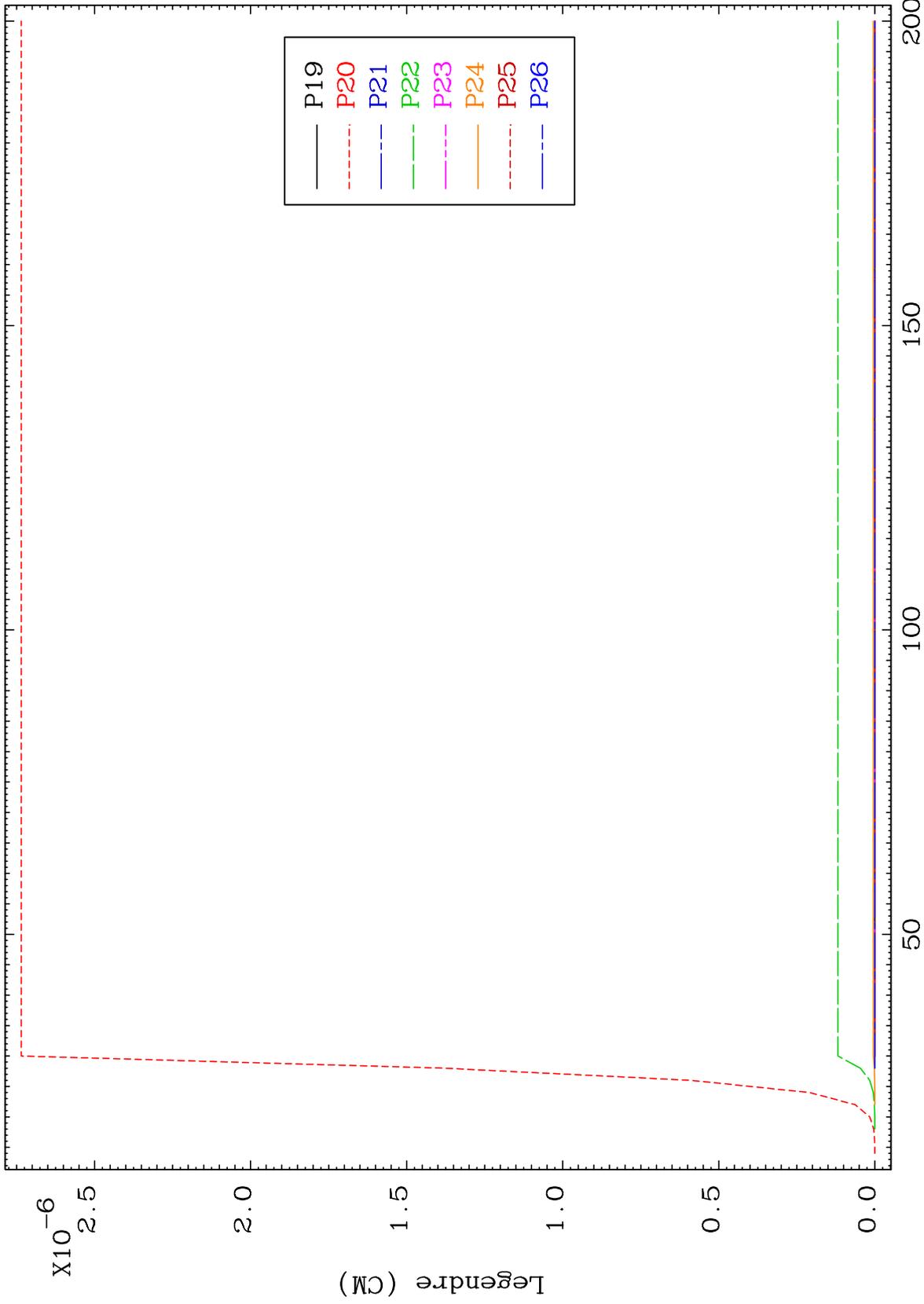
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

77-Ir-172



67

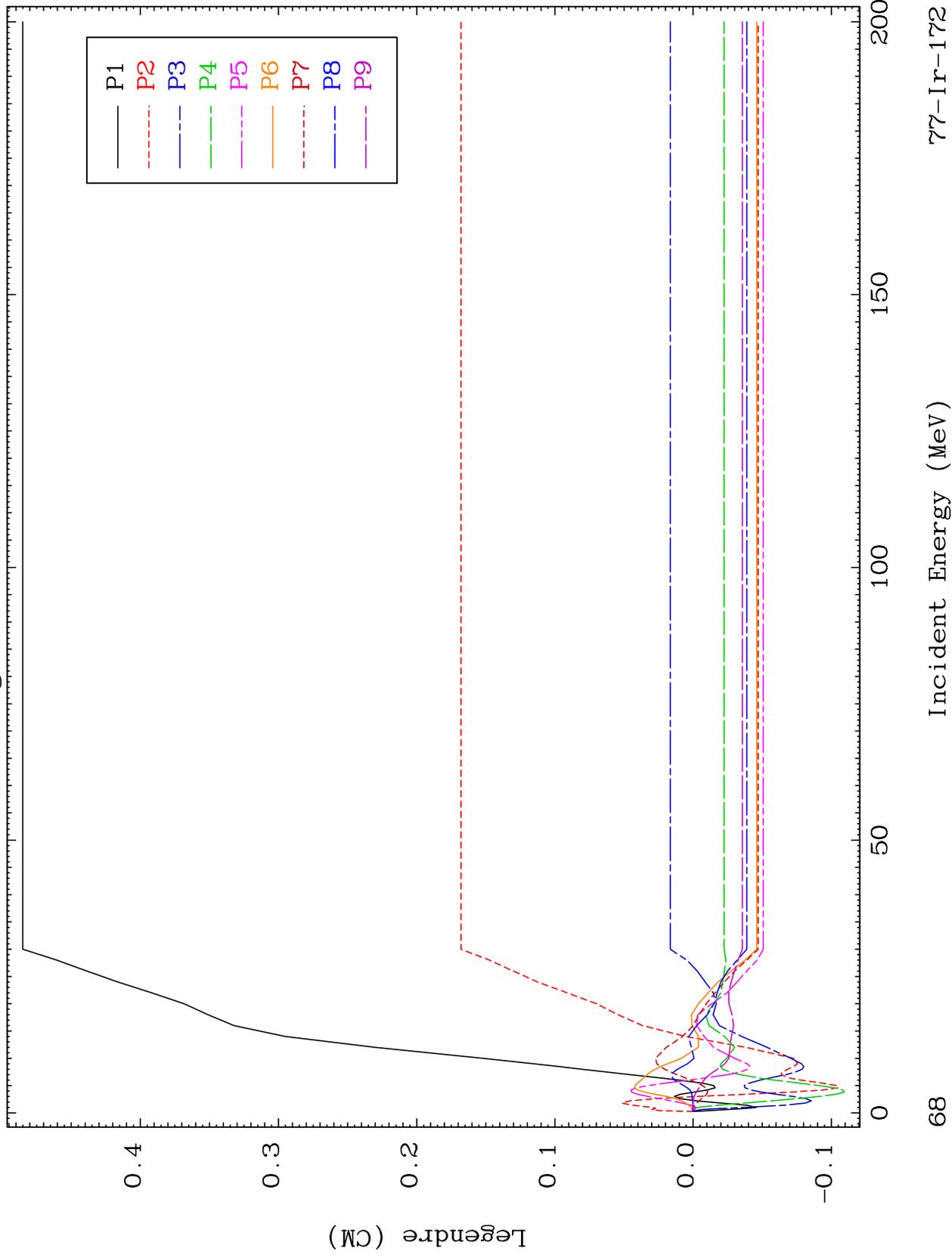
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

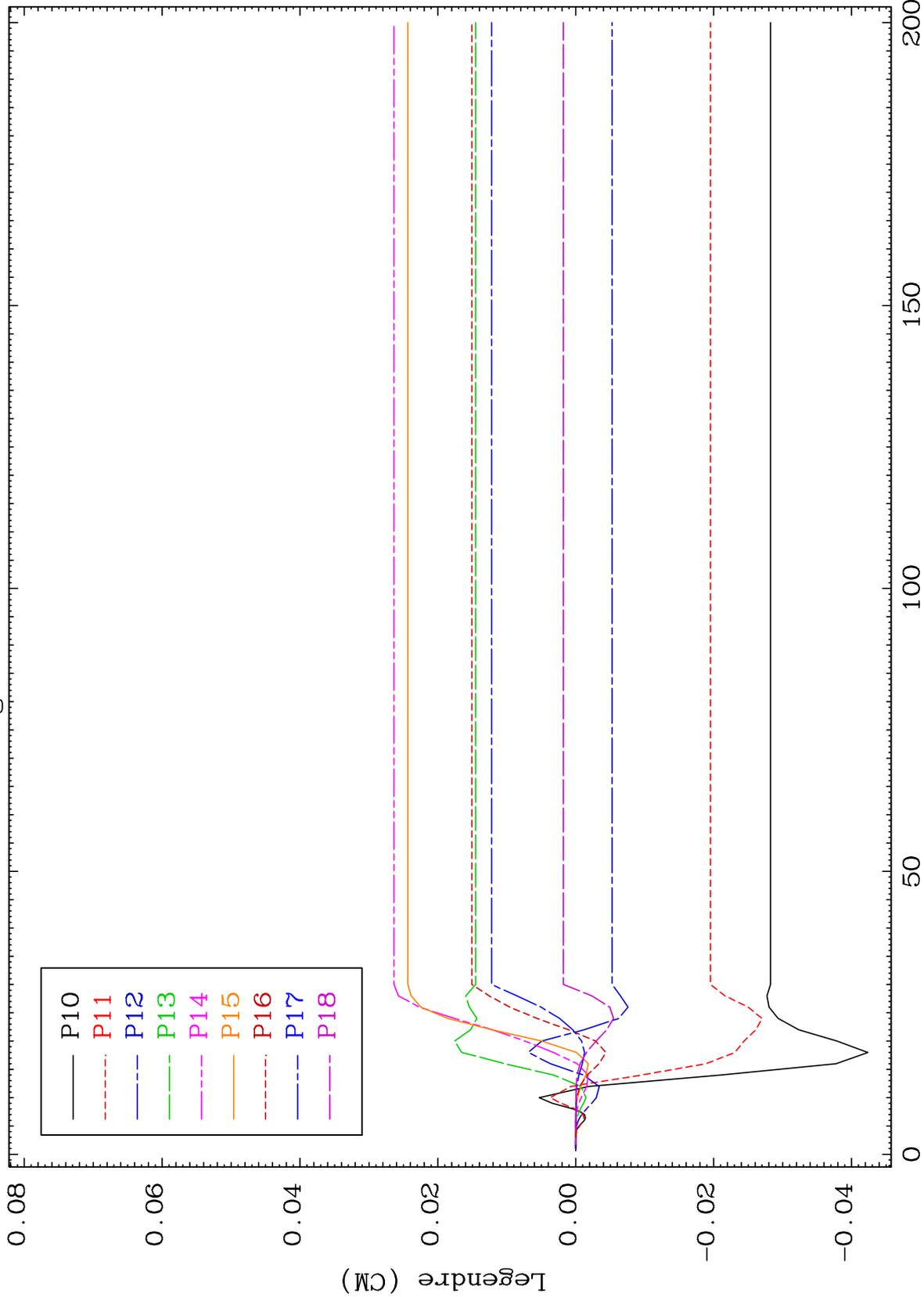
77-Ir-172



77-Ir-172

Incident Energy (MeV)

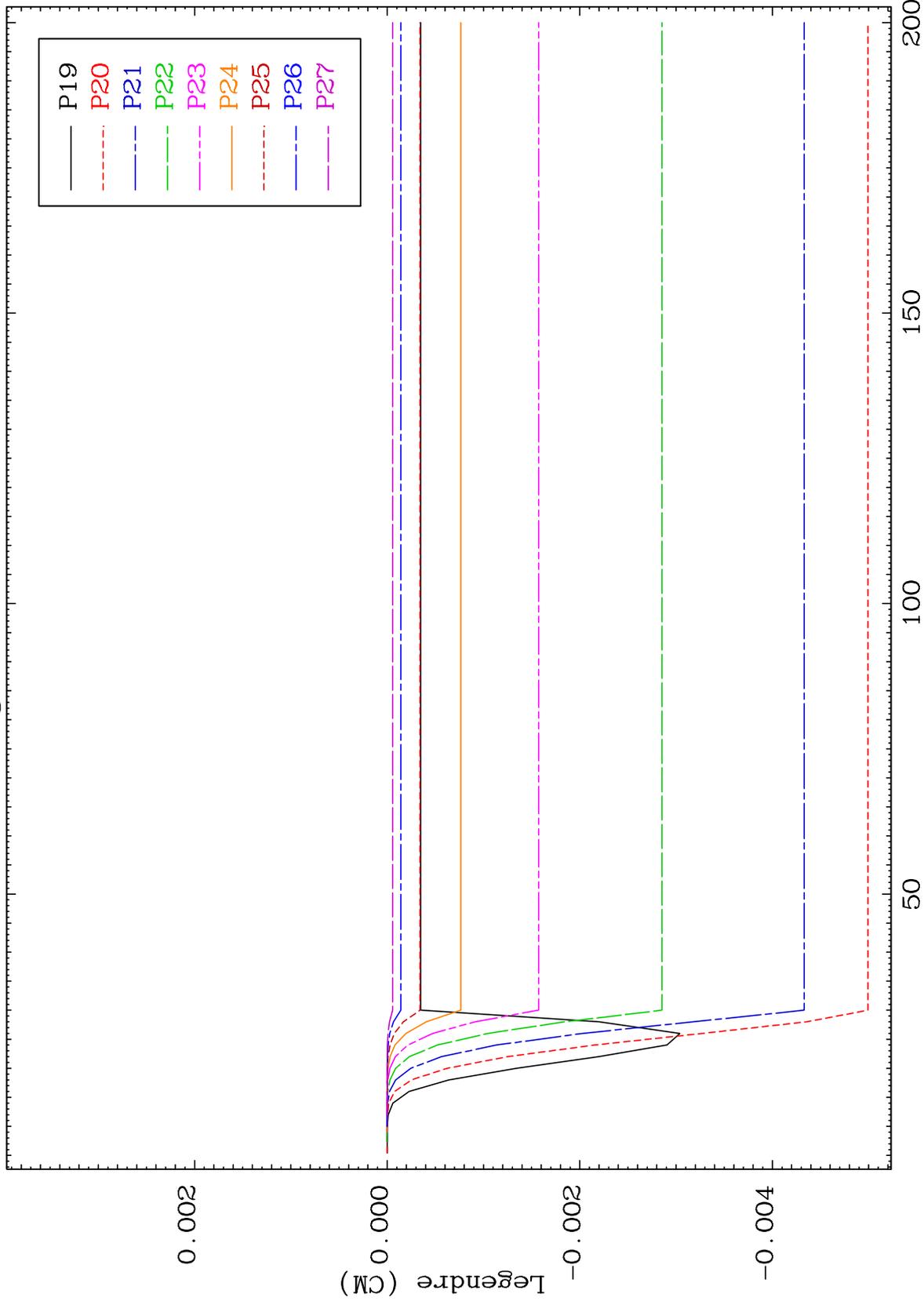
68



MAT 7668

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

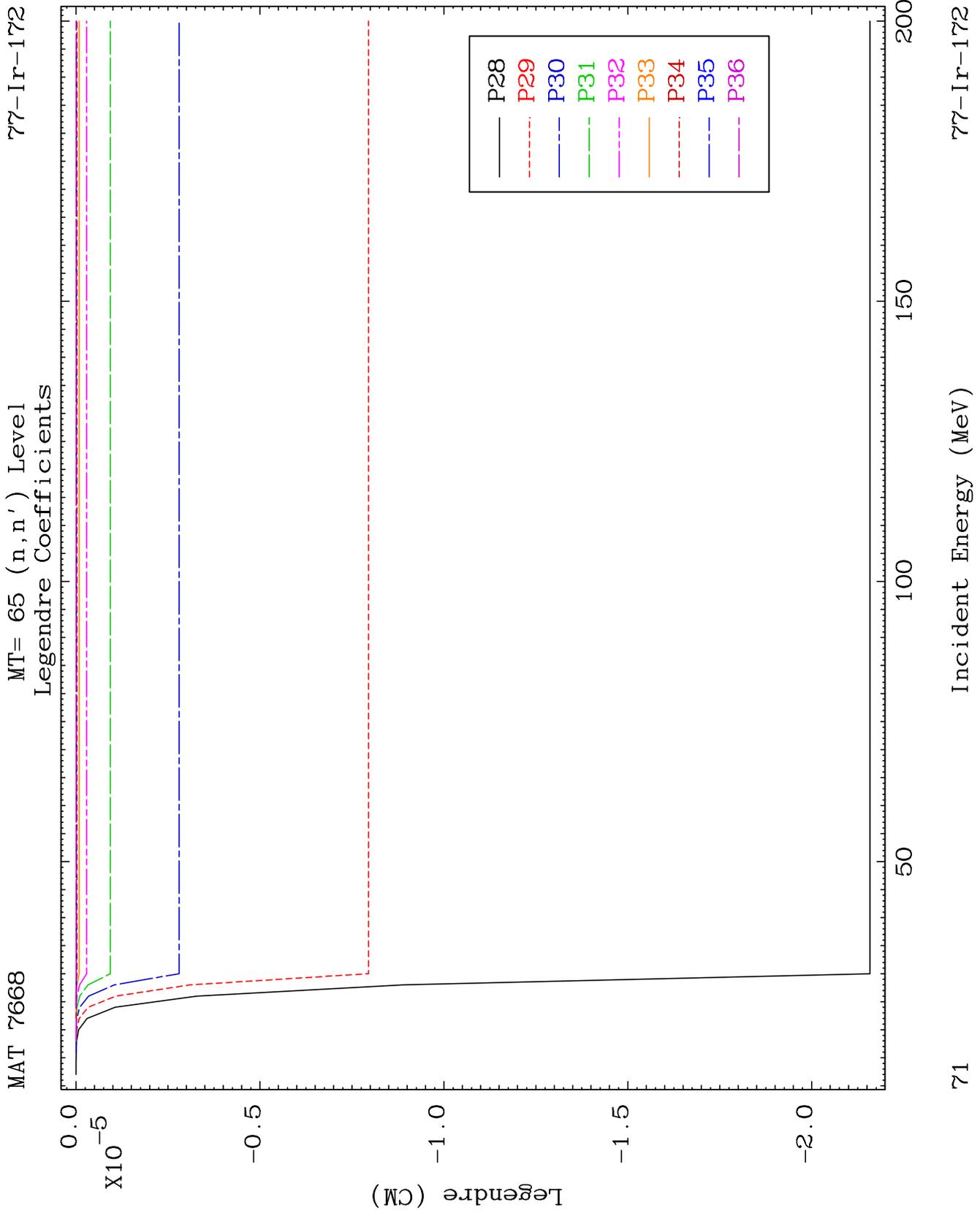
77-Ir-172



70

Incident Energy (MeV)

77-Ir-172

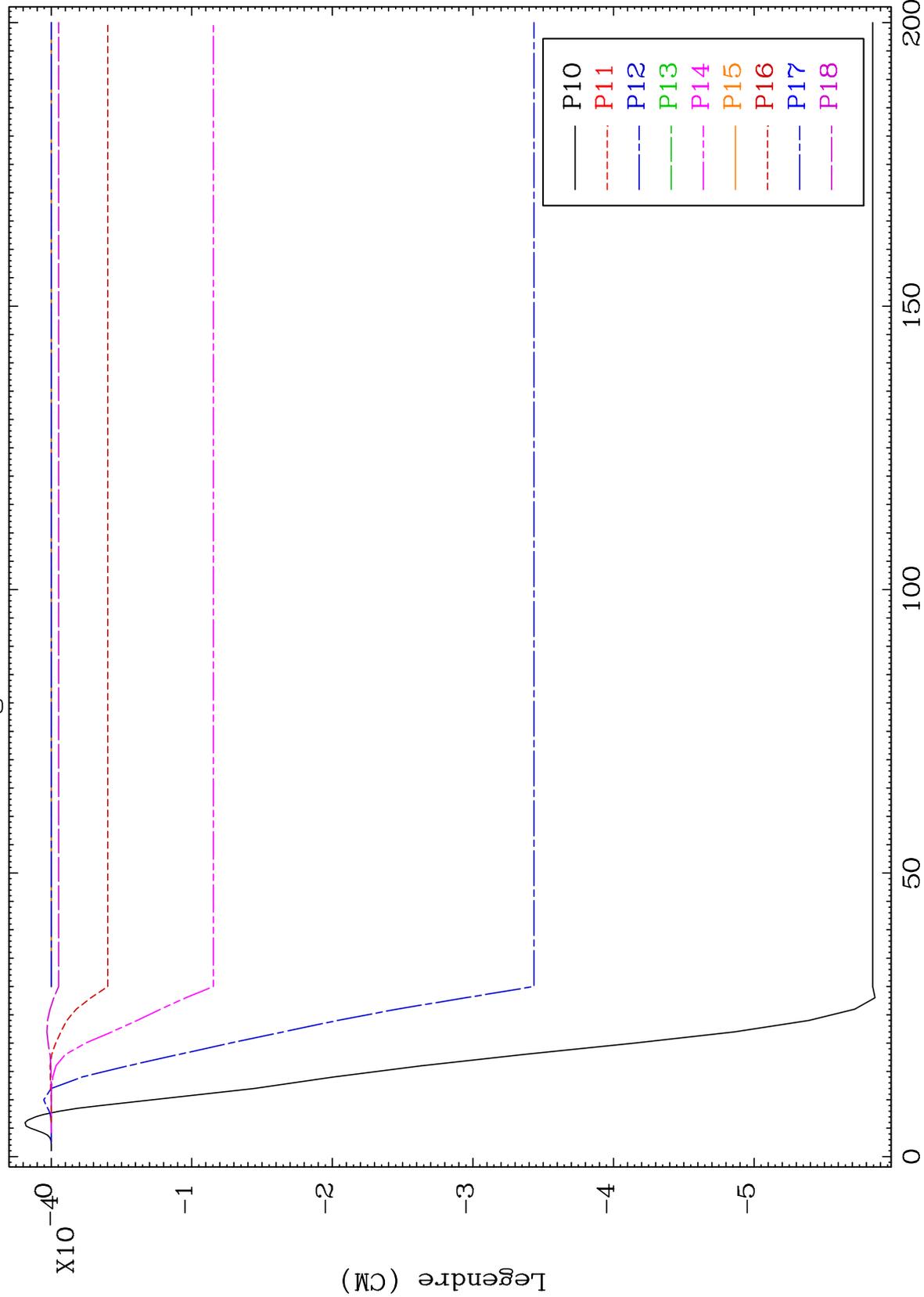




MAT 7668

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

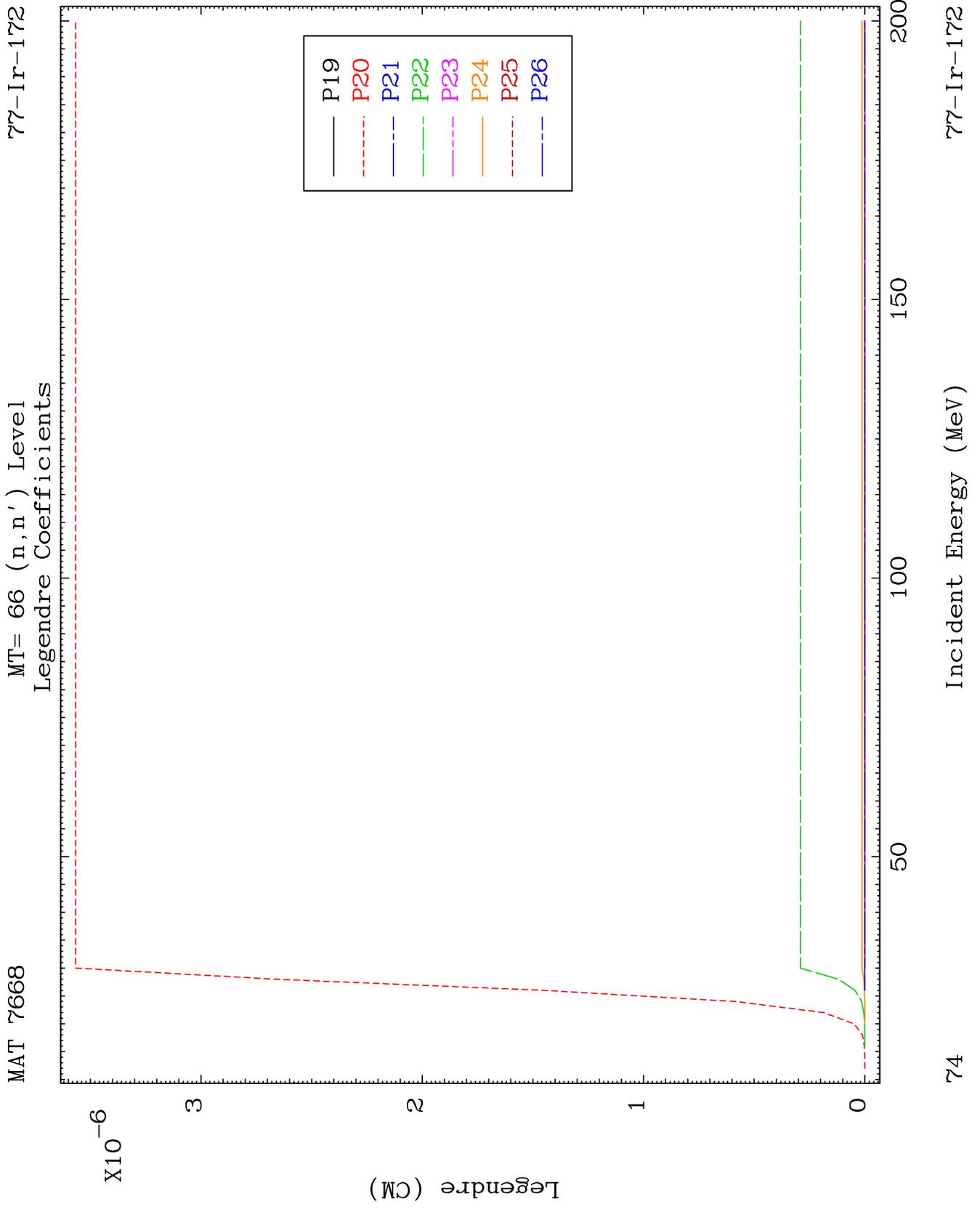
77-Ir-172



73

Incident Energy (MeV)

77-Ir-172

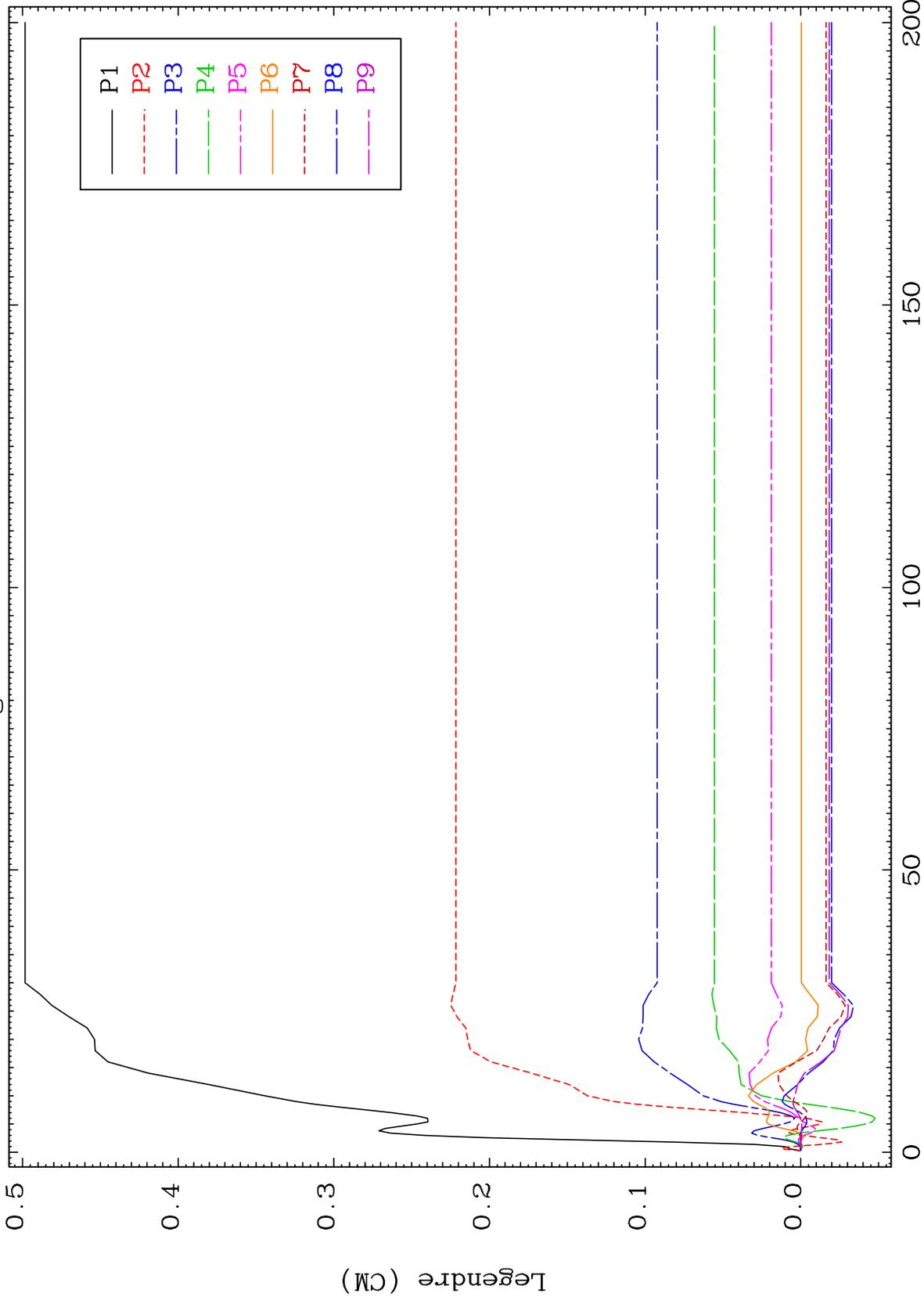


MAT 7668

MT= 67 (n,n') Level

77-Ir-172

Legendre Coefficients



75

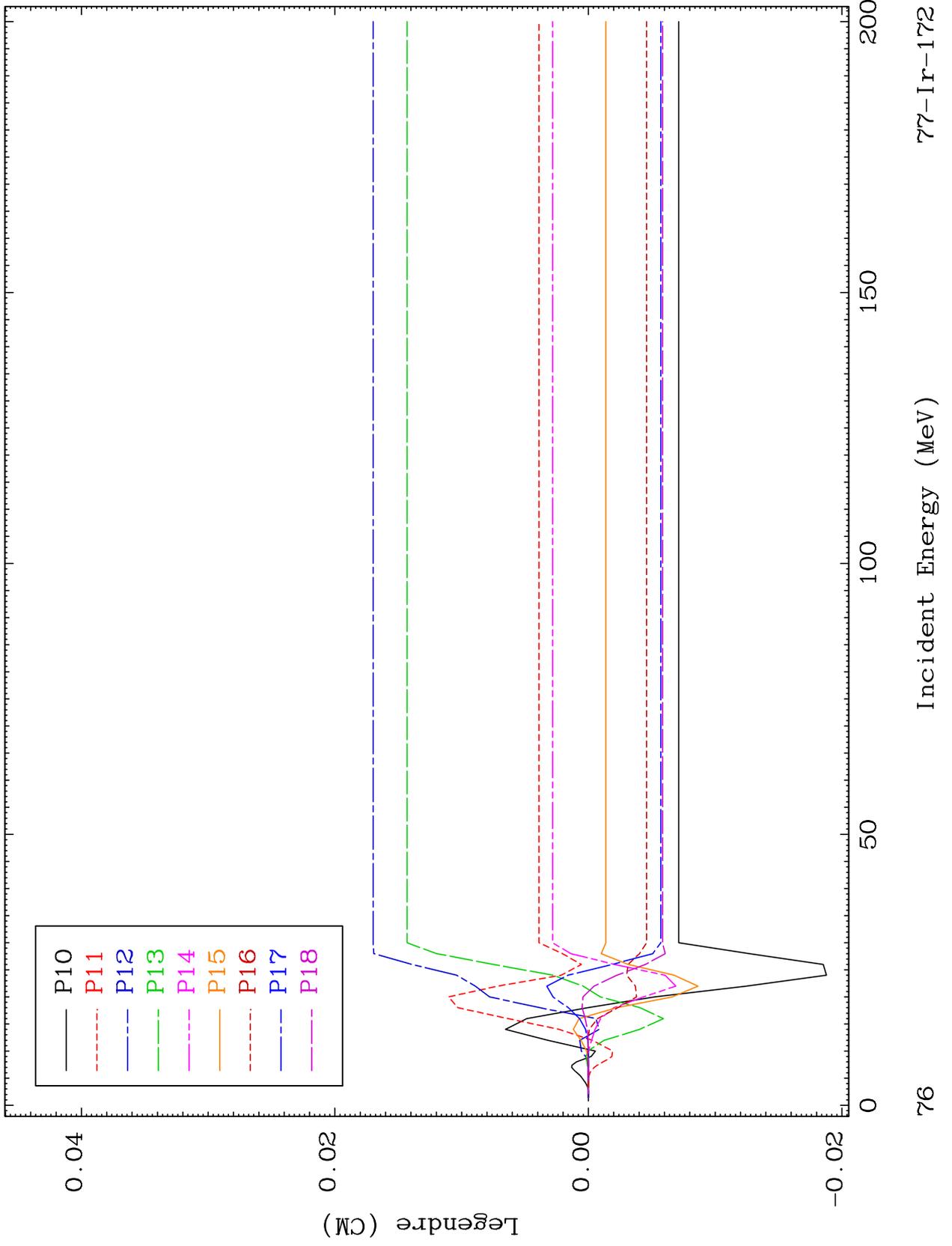
Incident Energy (MeV)

77-Ir-172

MAT 7668

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

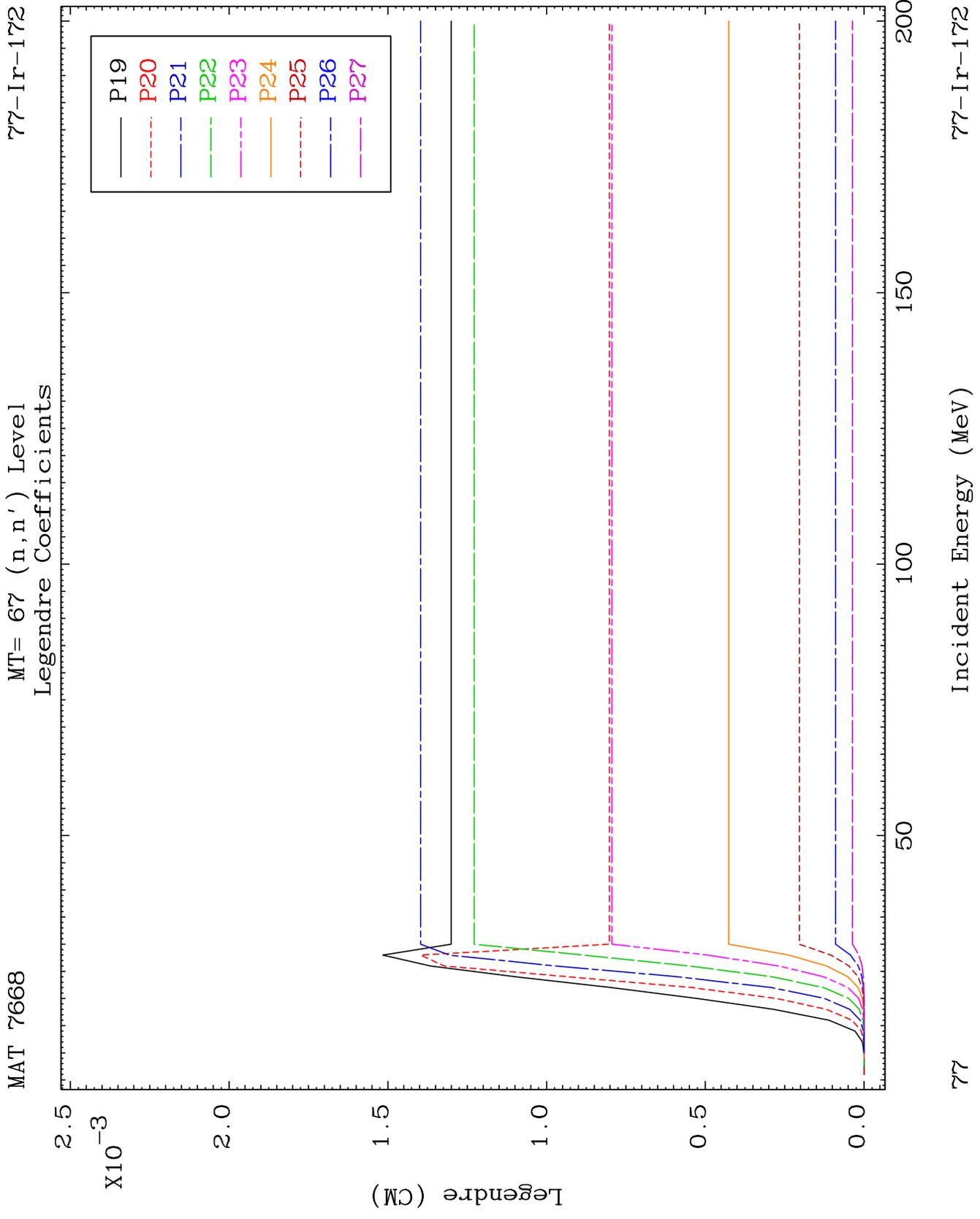
77-Ir-172



76

Incident Energy (MeV)

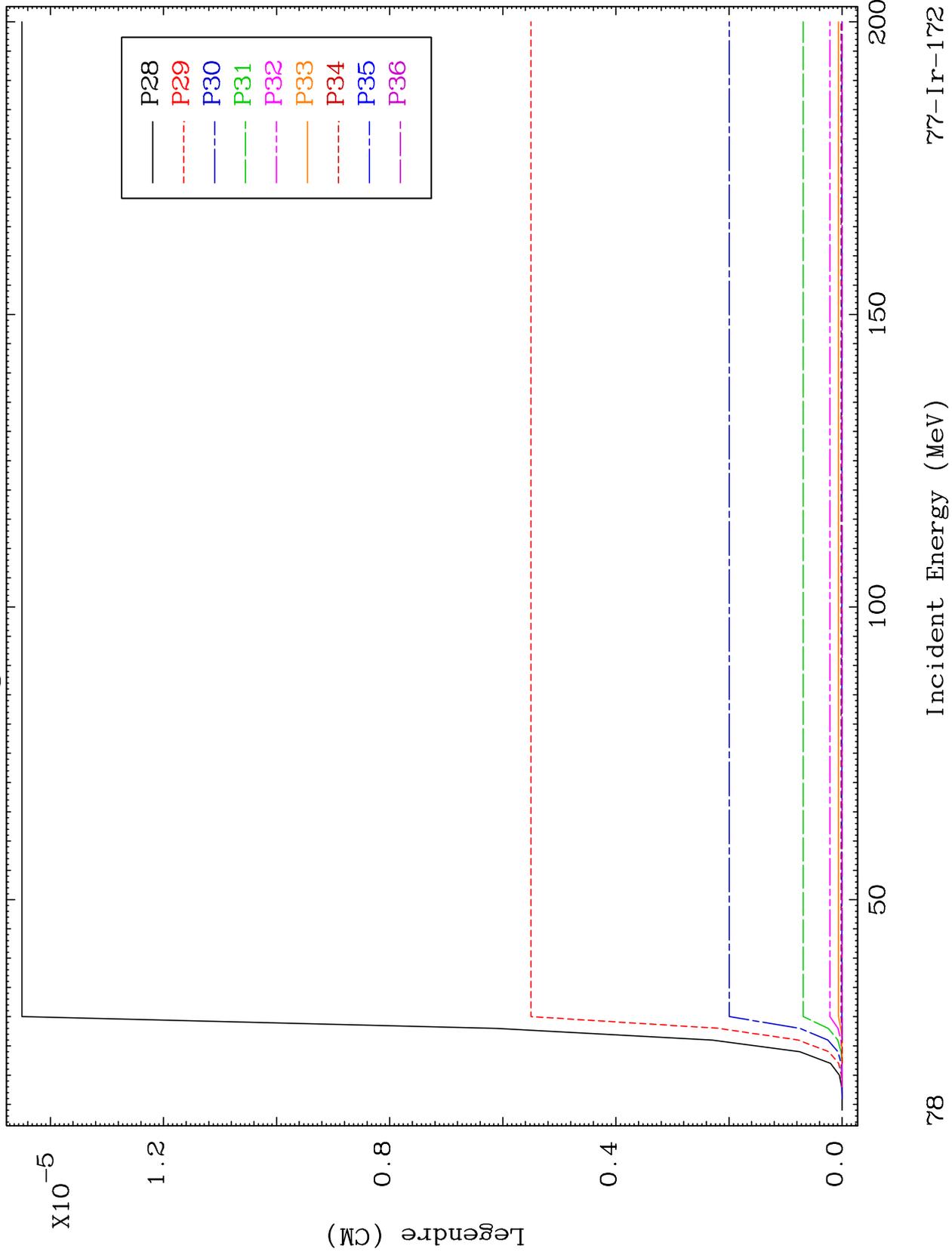
77-Ir-172



MAT 7668

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

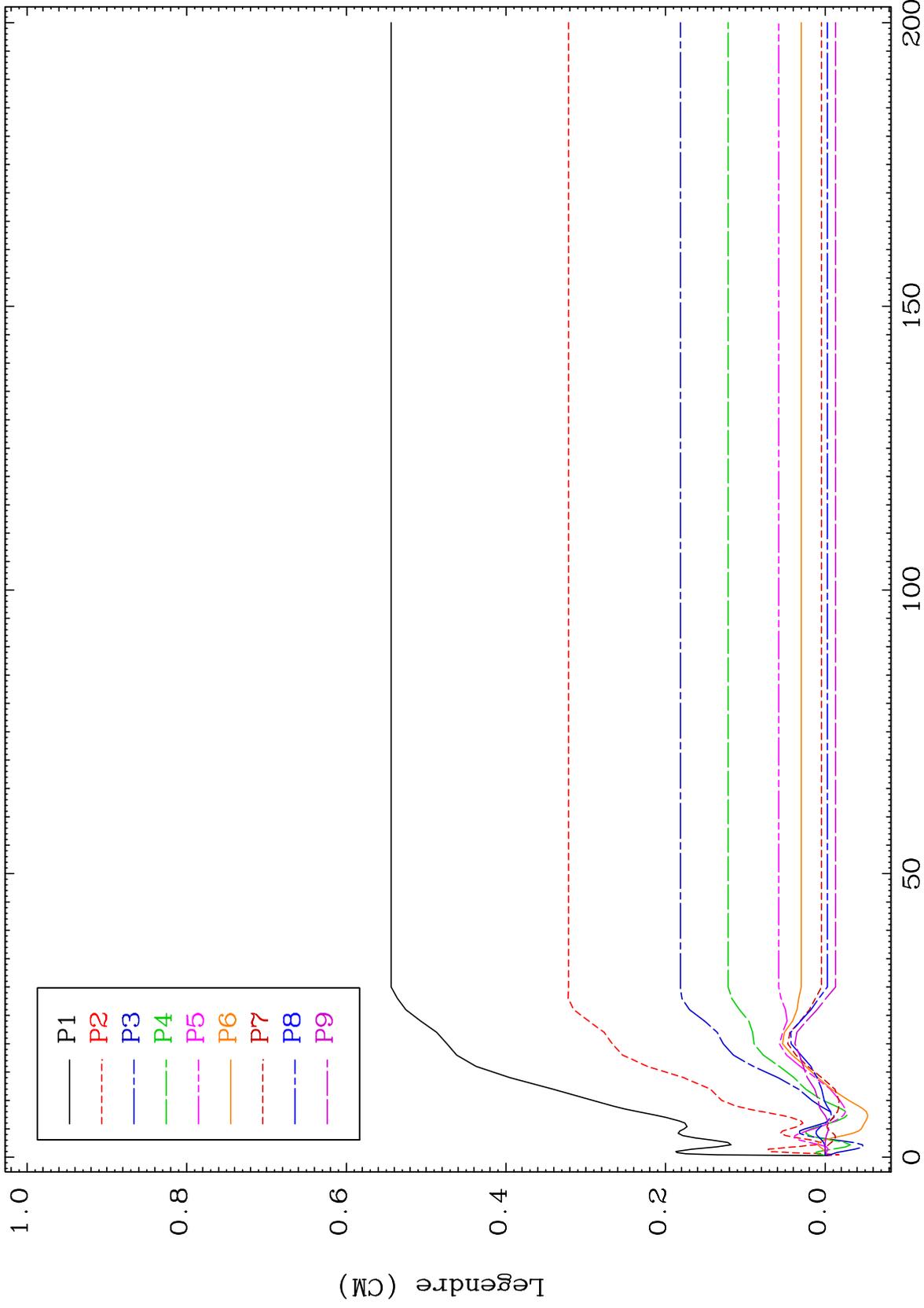
77-Ir-172



MAT 7668

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

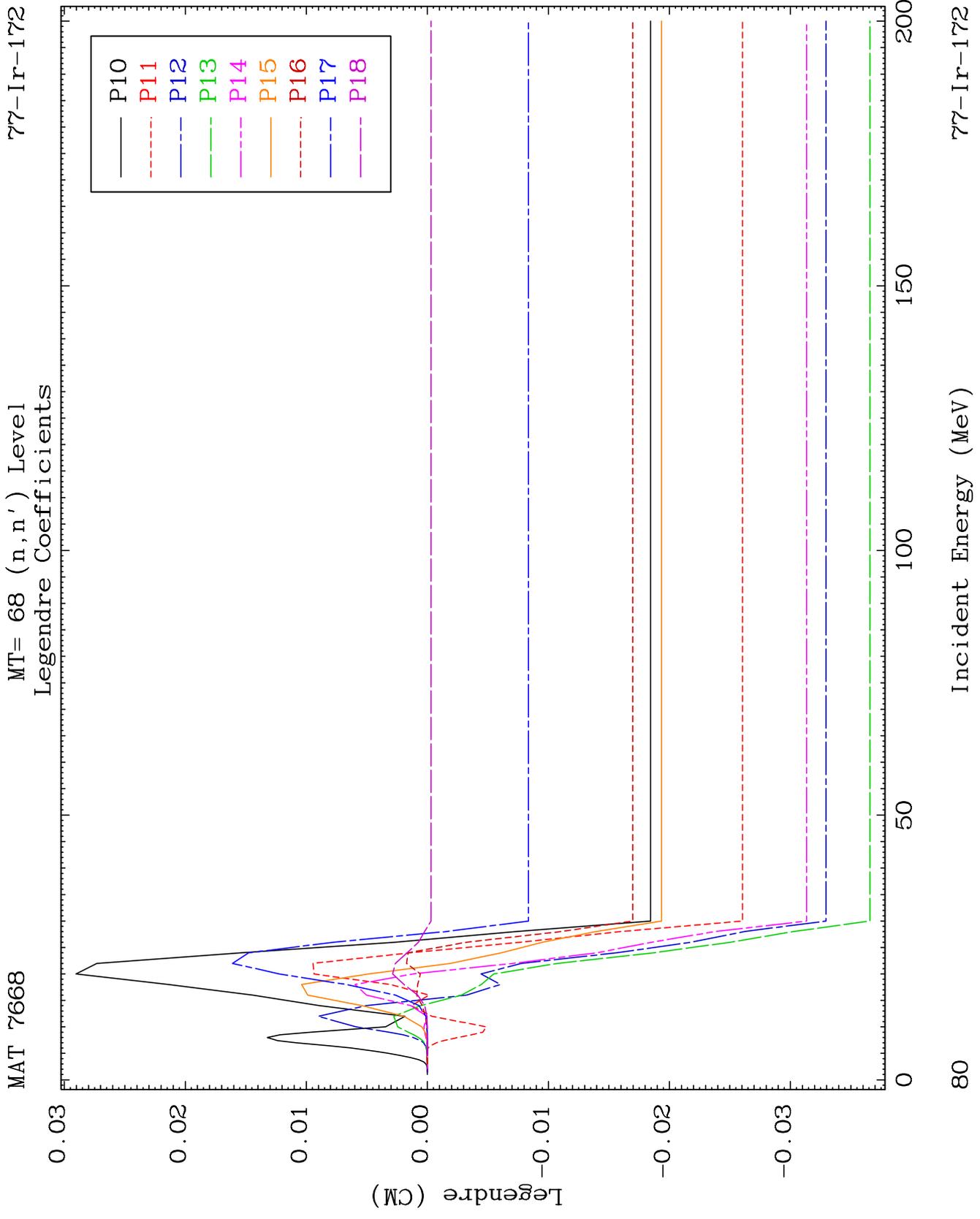
77-Ir-172

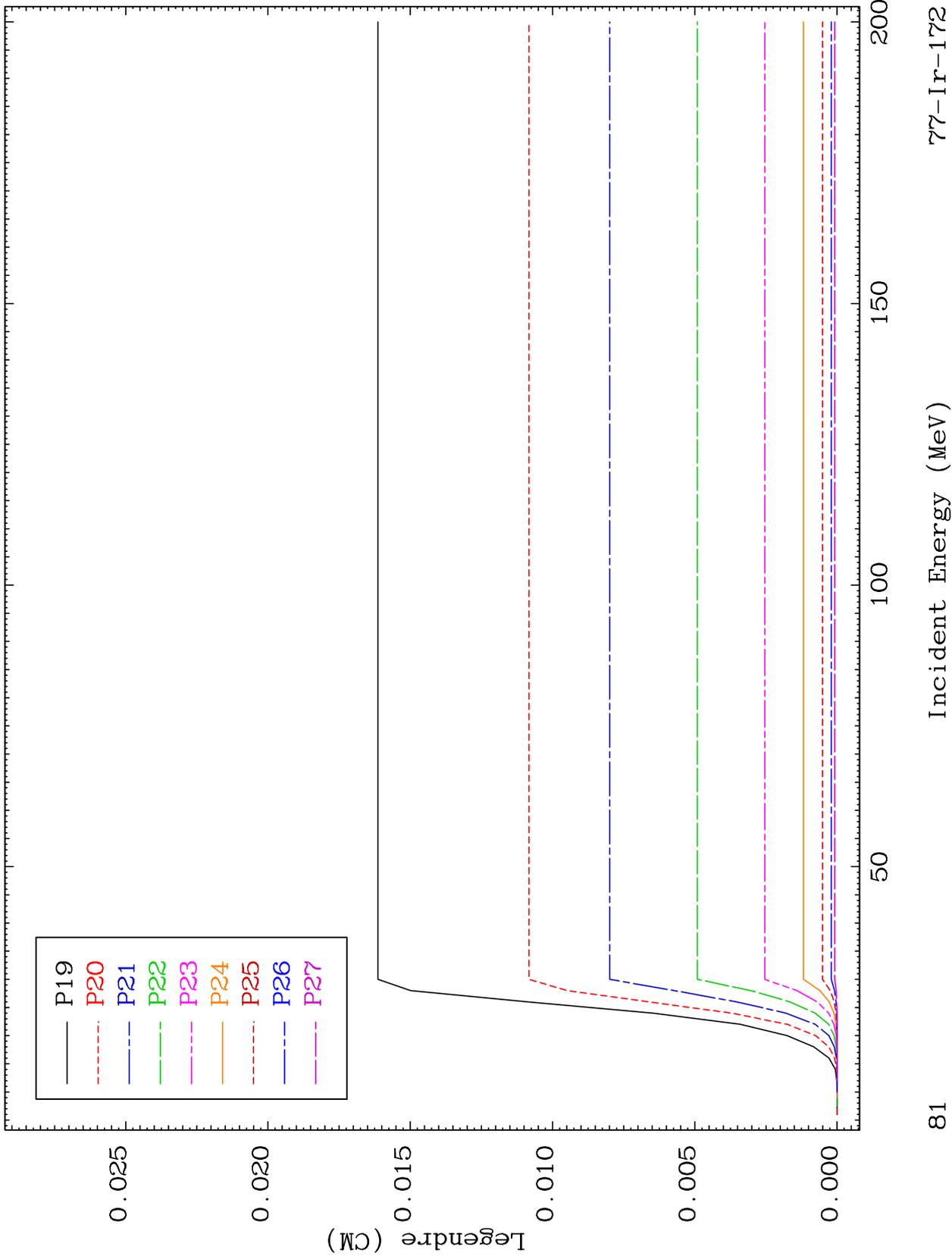


79

Incident Energy (MeV)

77-Ir-172

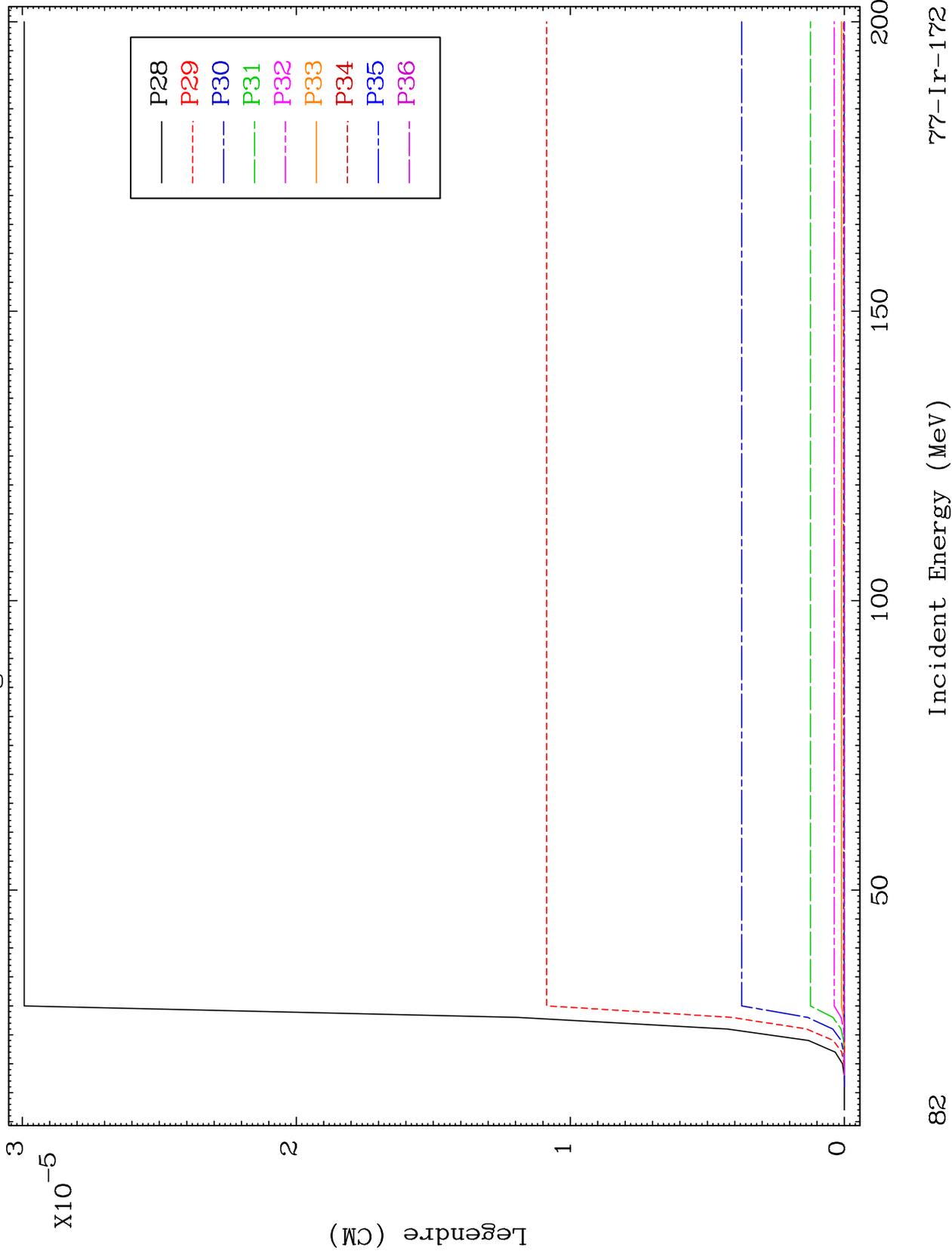




MAT 7668

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

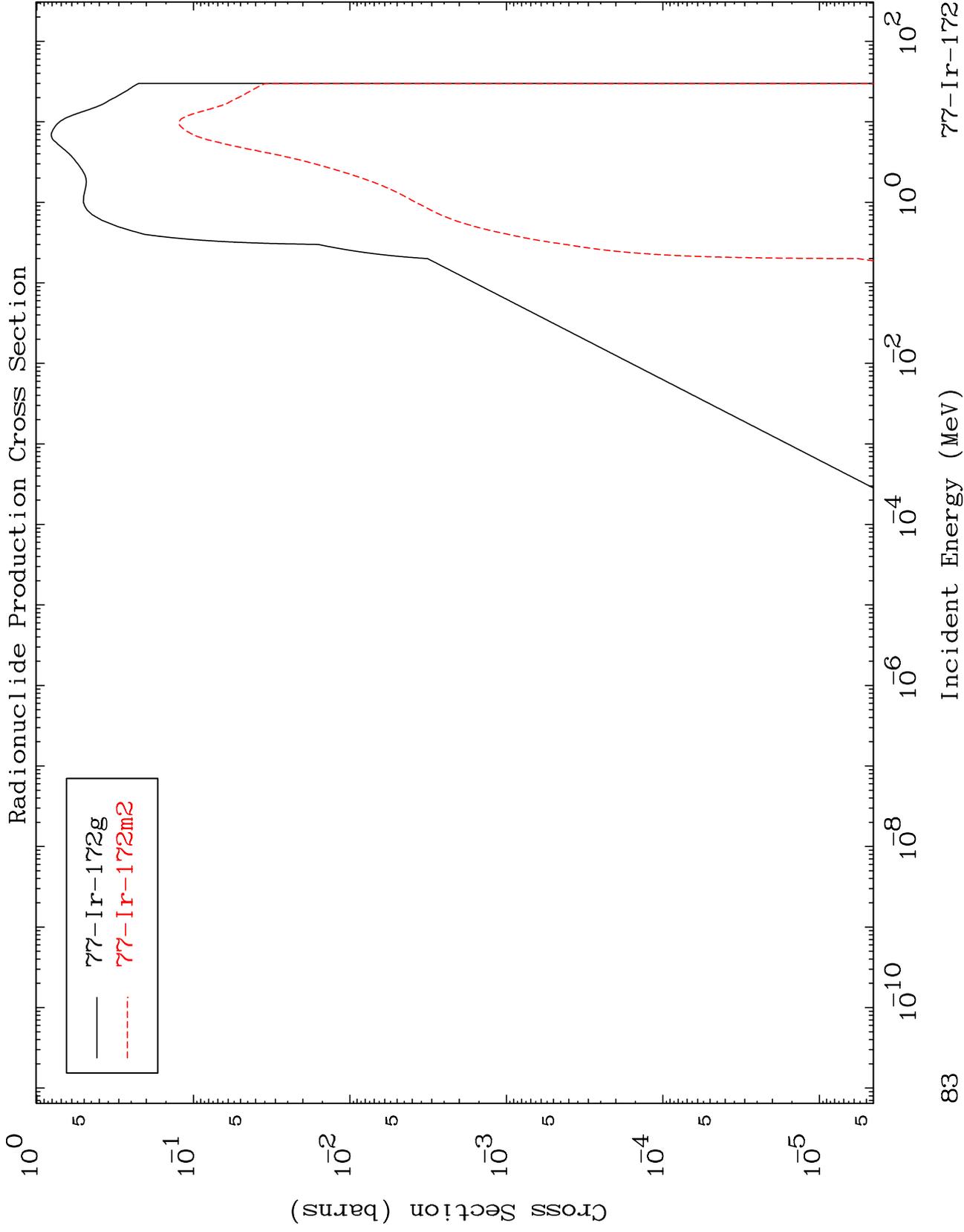
77-Ir-172



MAT 7668

Inelastic

<sup>77</sup>Ir-172

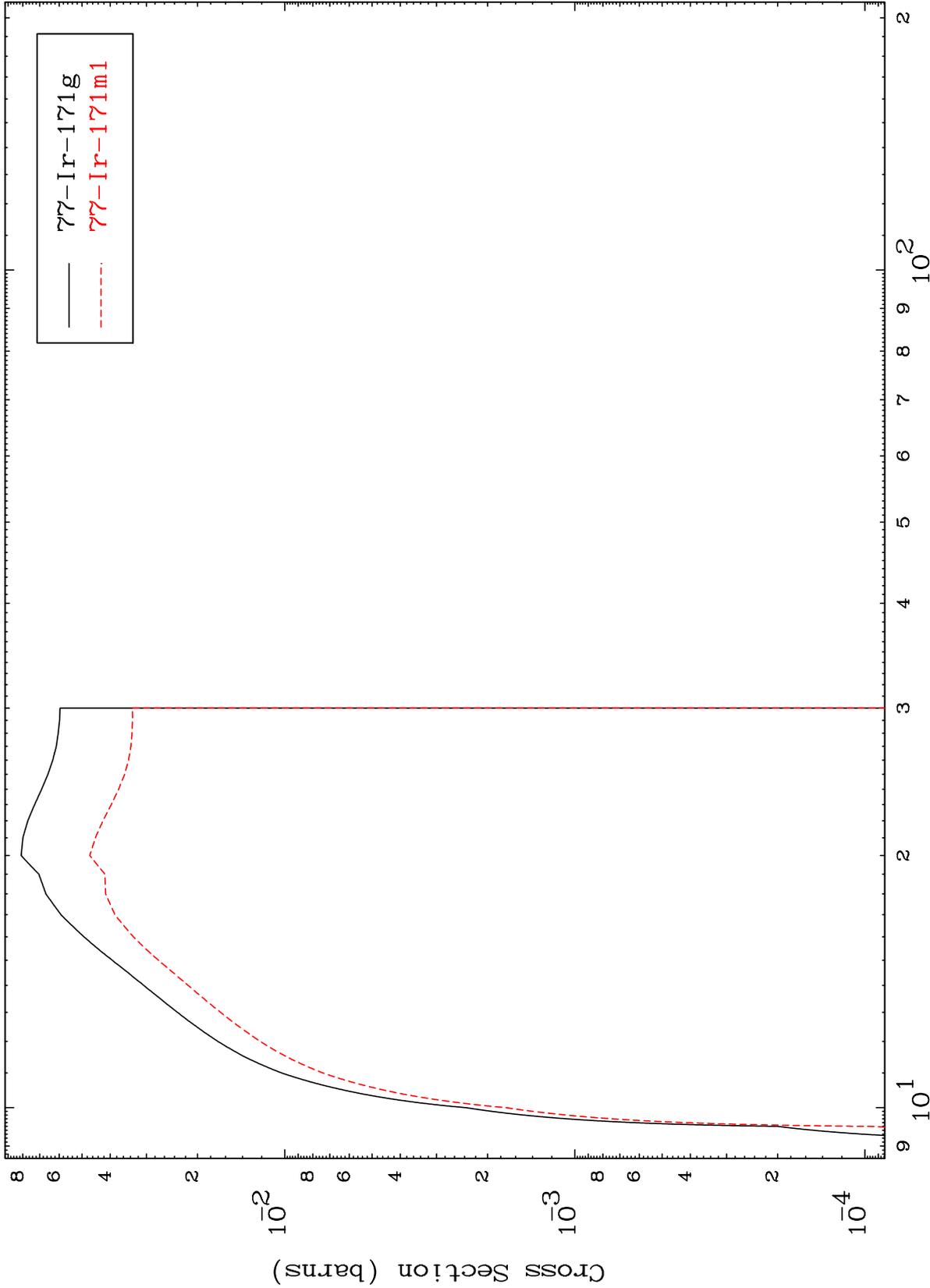


MAT 7668

(n,2n)

<sup>77</sup>Ir-172

Radionuclide Production Cross Section



84

Incident Energy (MeV)

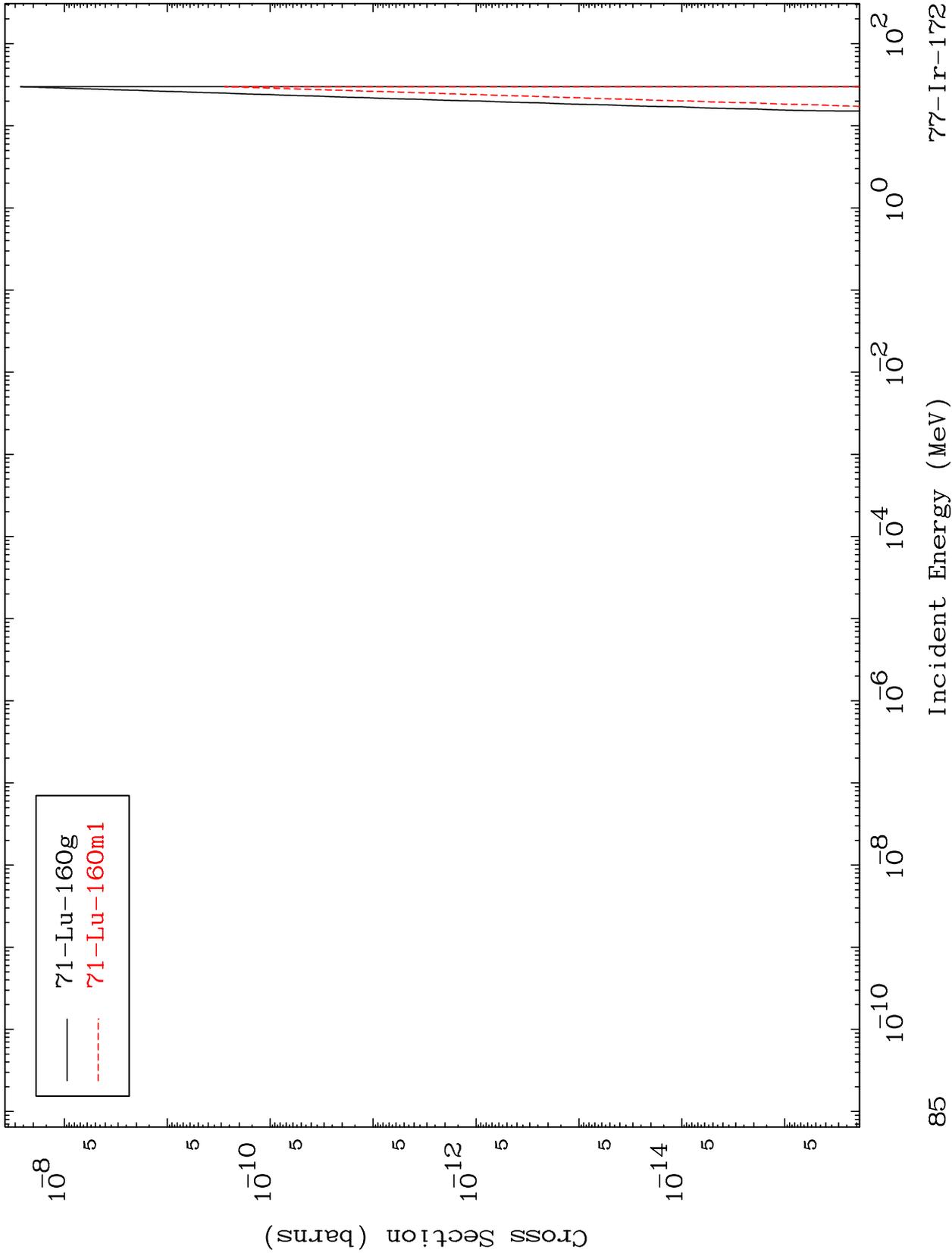
<sup>77</sup>Ir-172

MAT 7668

(n,n') 3 $\alpha$

<sup>77</sup>Ir-172

Radionuclide Production Cross Section

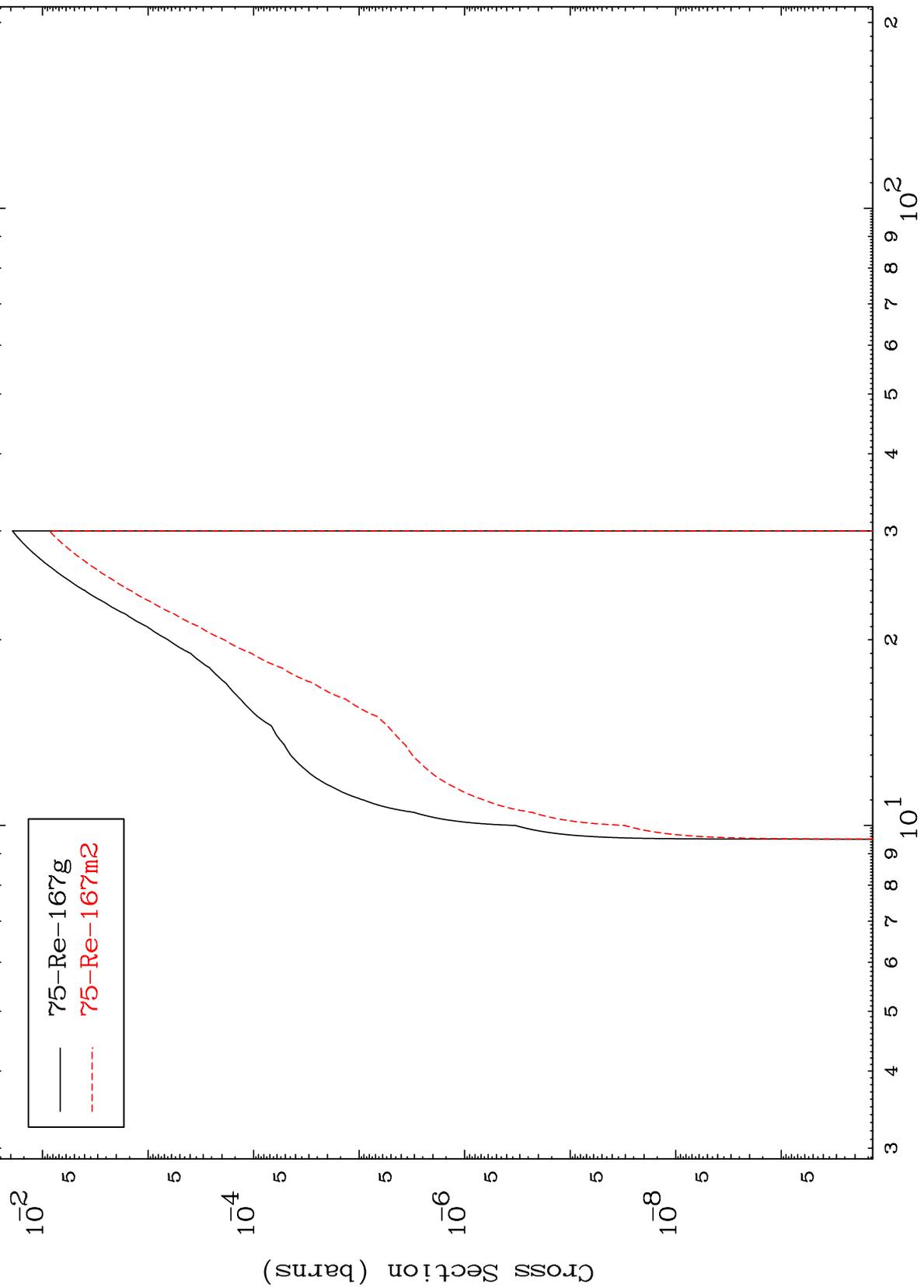


MAT 7668

$^{77}\text{Ir-172}$   $\alpha$

$^{77}\text{Ir-172}$

Radionuclide Production Cross Section

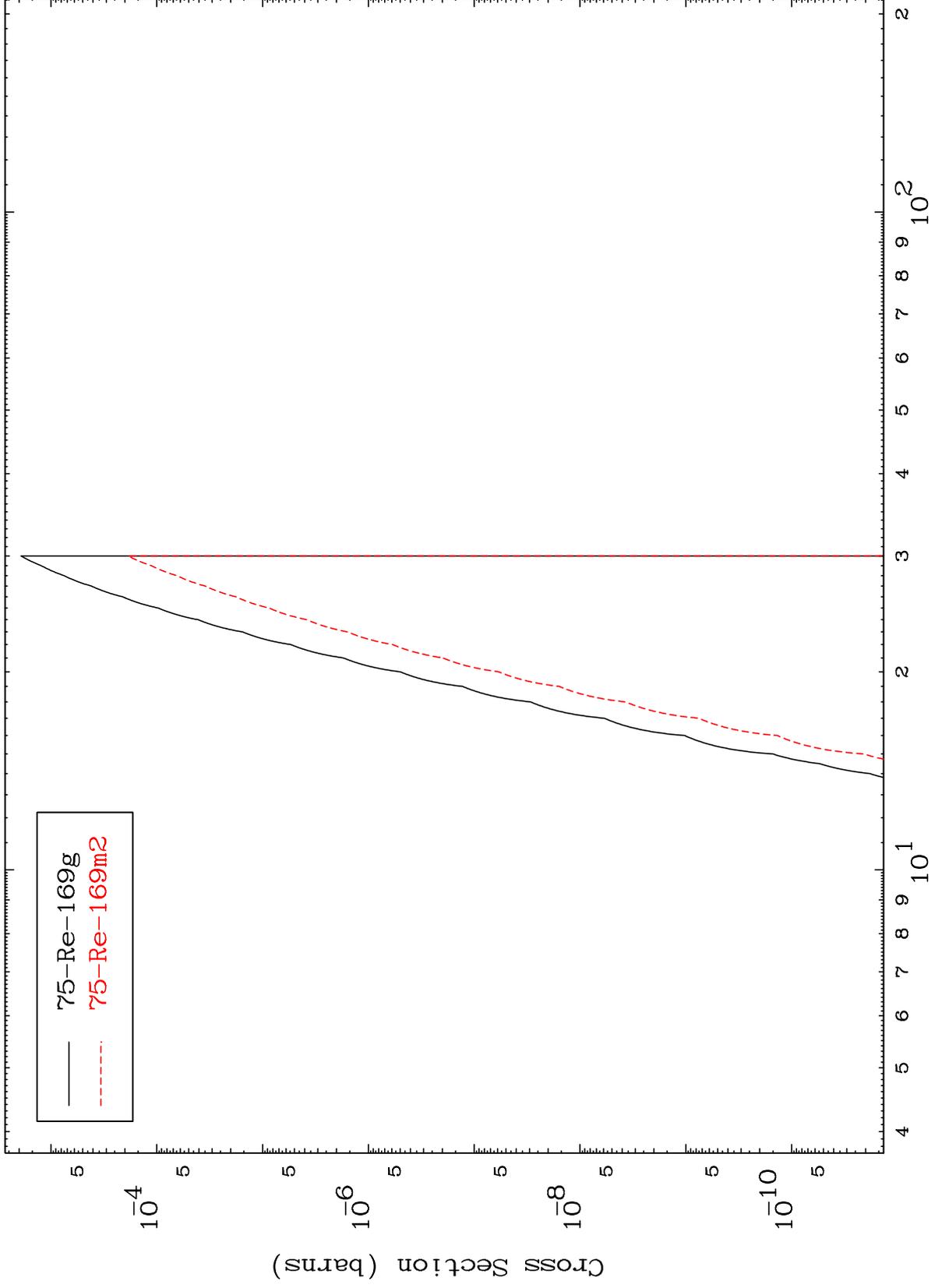


MAT 7668

(n,n') He-3

77-Ir-172

Radionuclide Production Cross Section



87

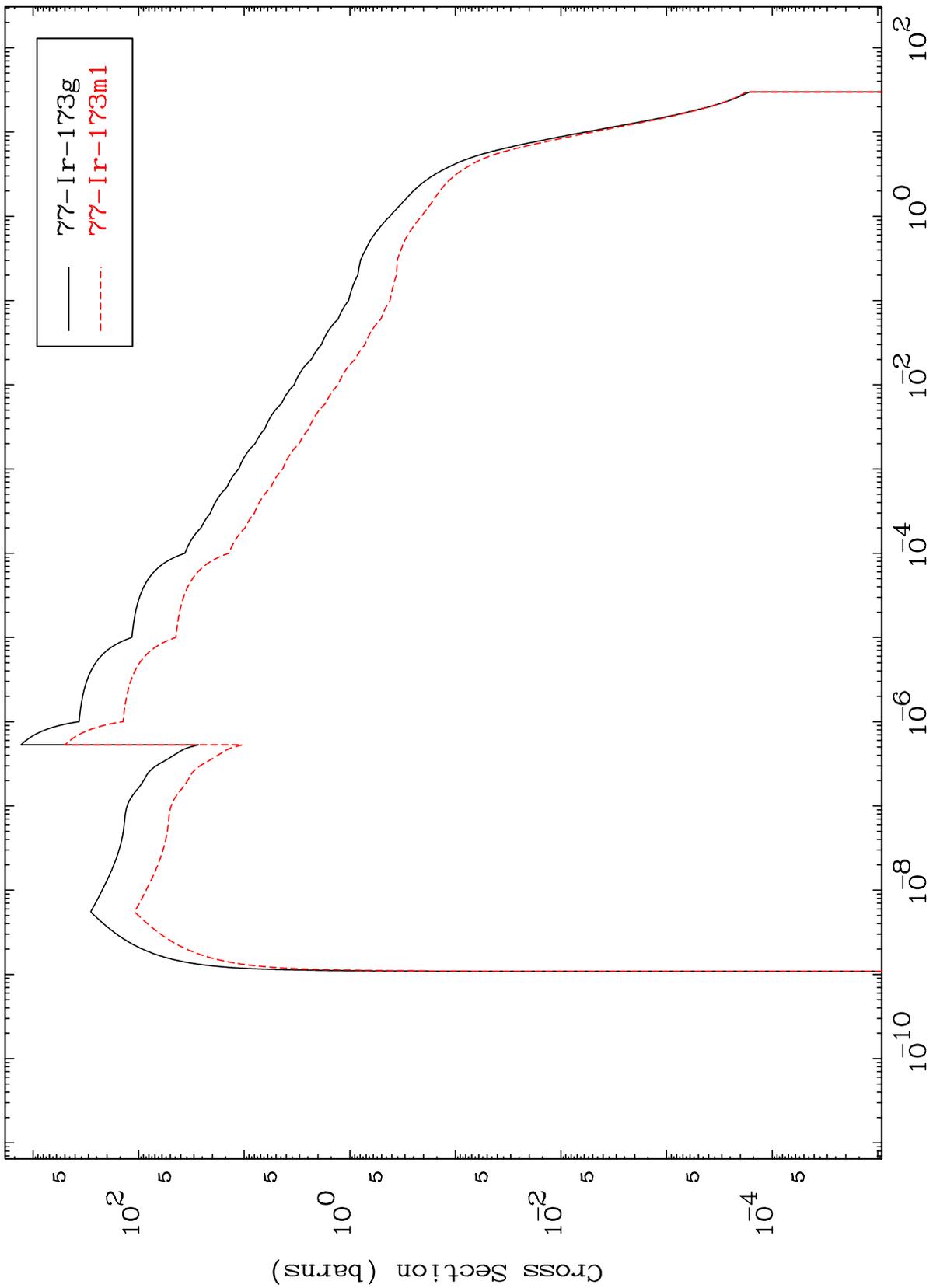
Incident Energy (MeV)

77-Ir-172

MAT 7668

<sup>77</sup>Ir-172

(n,γ)  
Radionuclide Production Cross Section



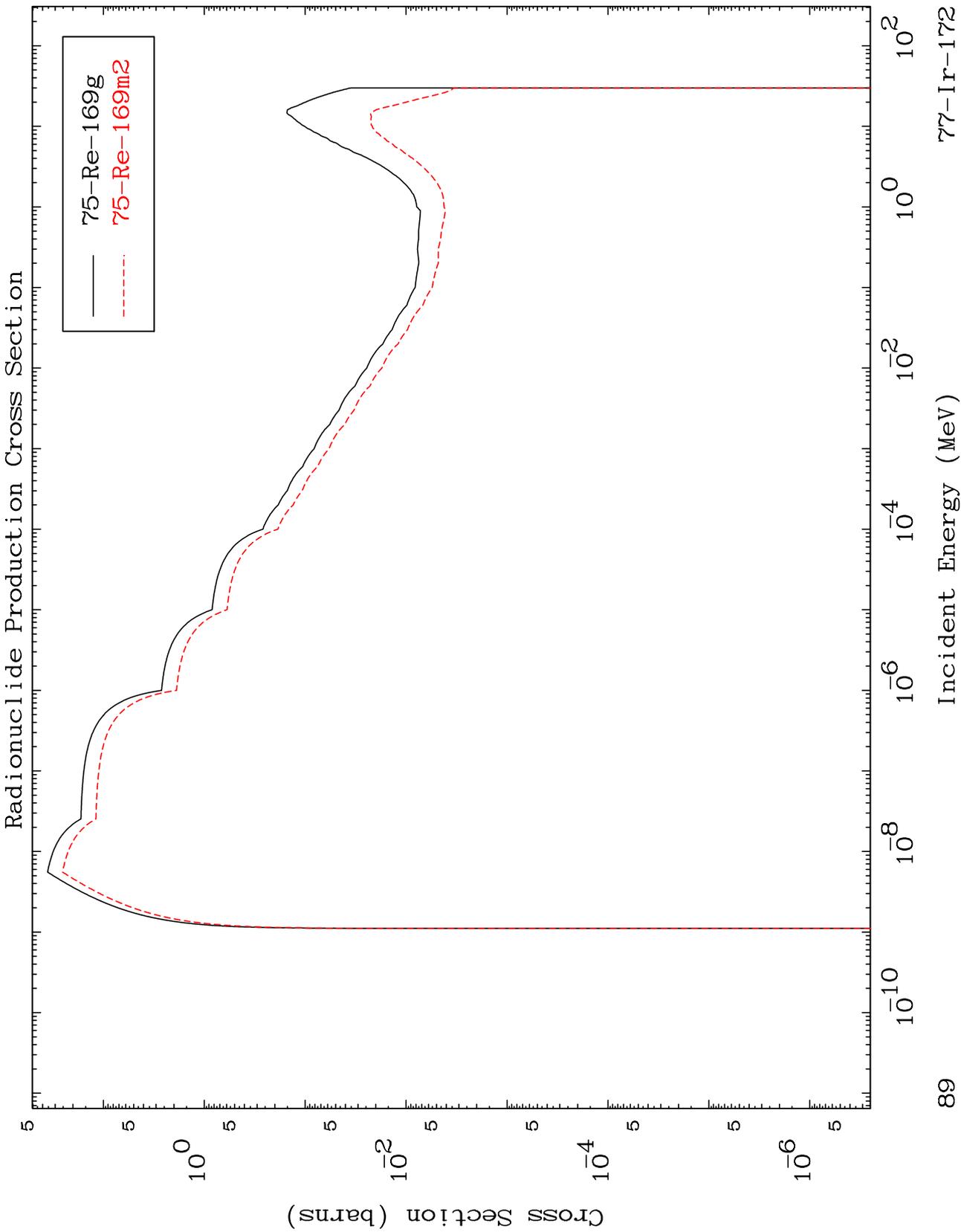
88

<sup>77</sup>Ir-172

Incident Energy (MeV)

MAT 7668

77-Ir-172



89

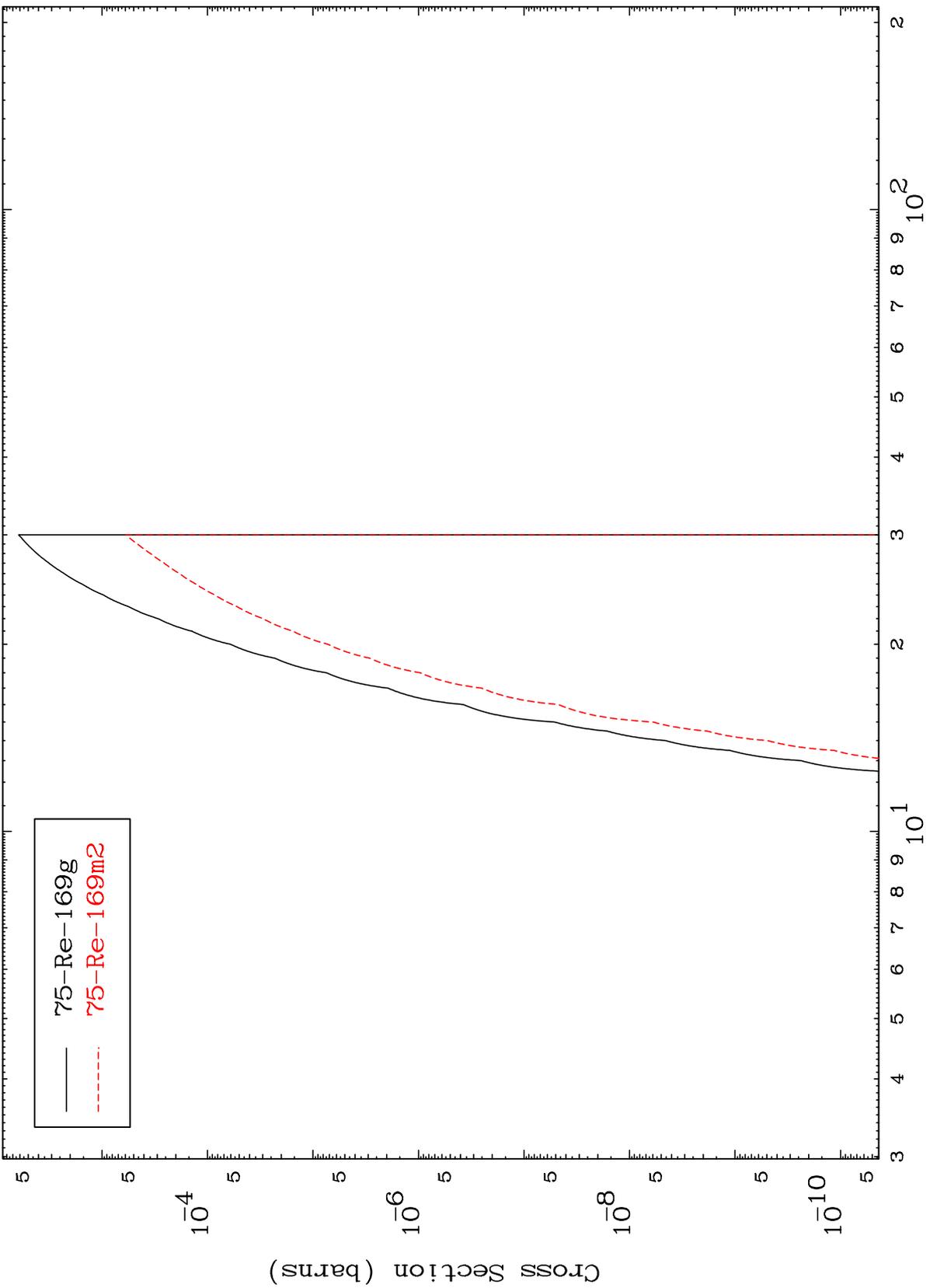
77-Ir-172

MAT 7668

(n,p) t

77-Ir-172

Radionuclide Production Cross Section



— 75-Re-169g  
- - - 75-Re-169m2

90

Incident Energy (MeV)

77-Ir-172