

Program EVALPLOT  
(Version 2021-1)

by

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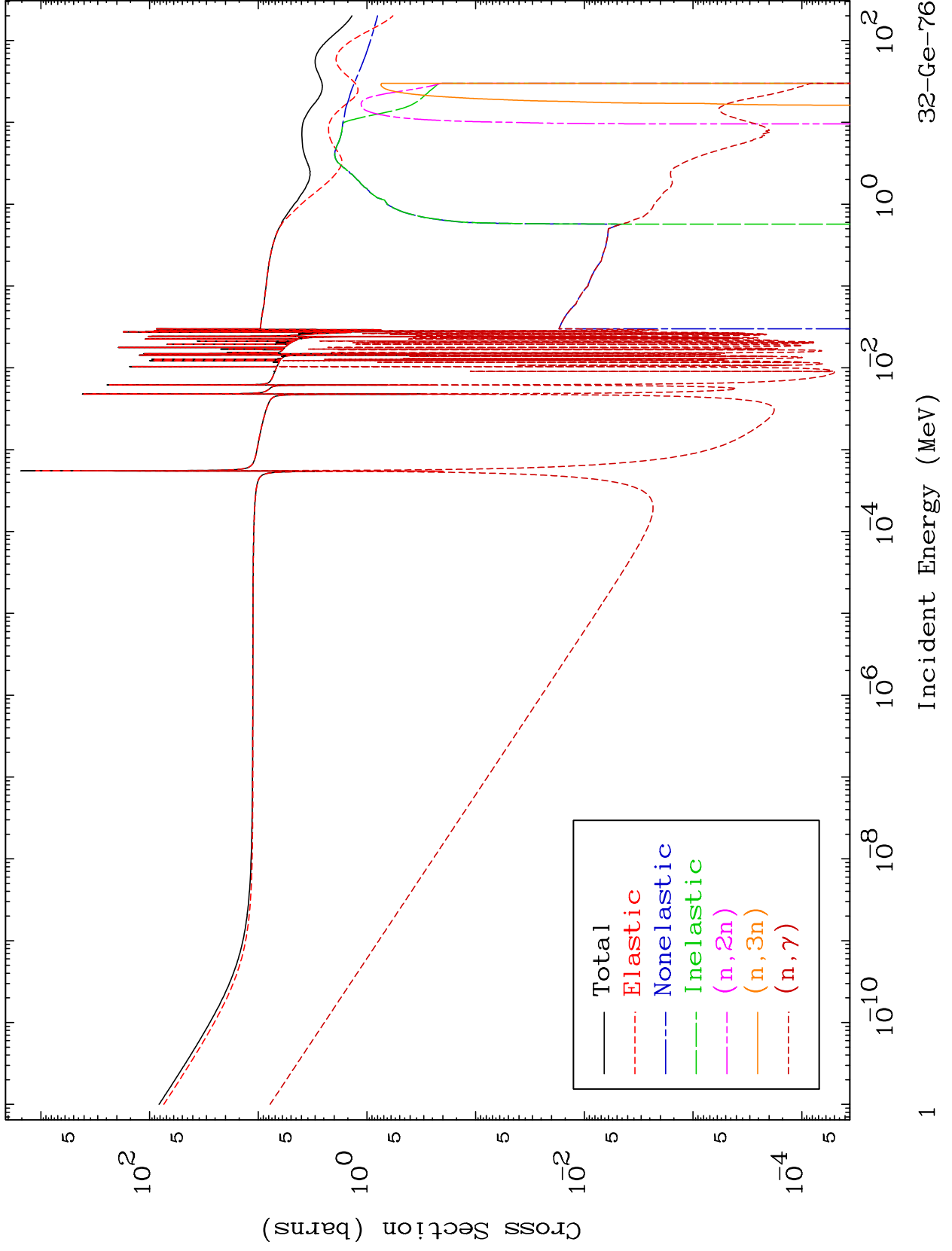
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3243

Neutron Major  
293 Kelvin Cross Sections

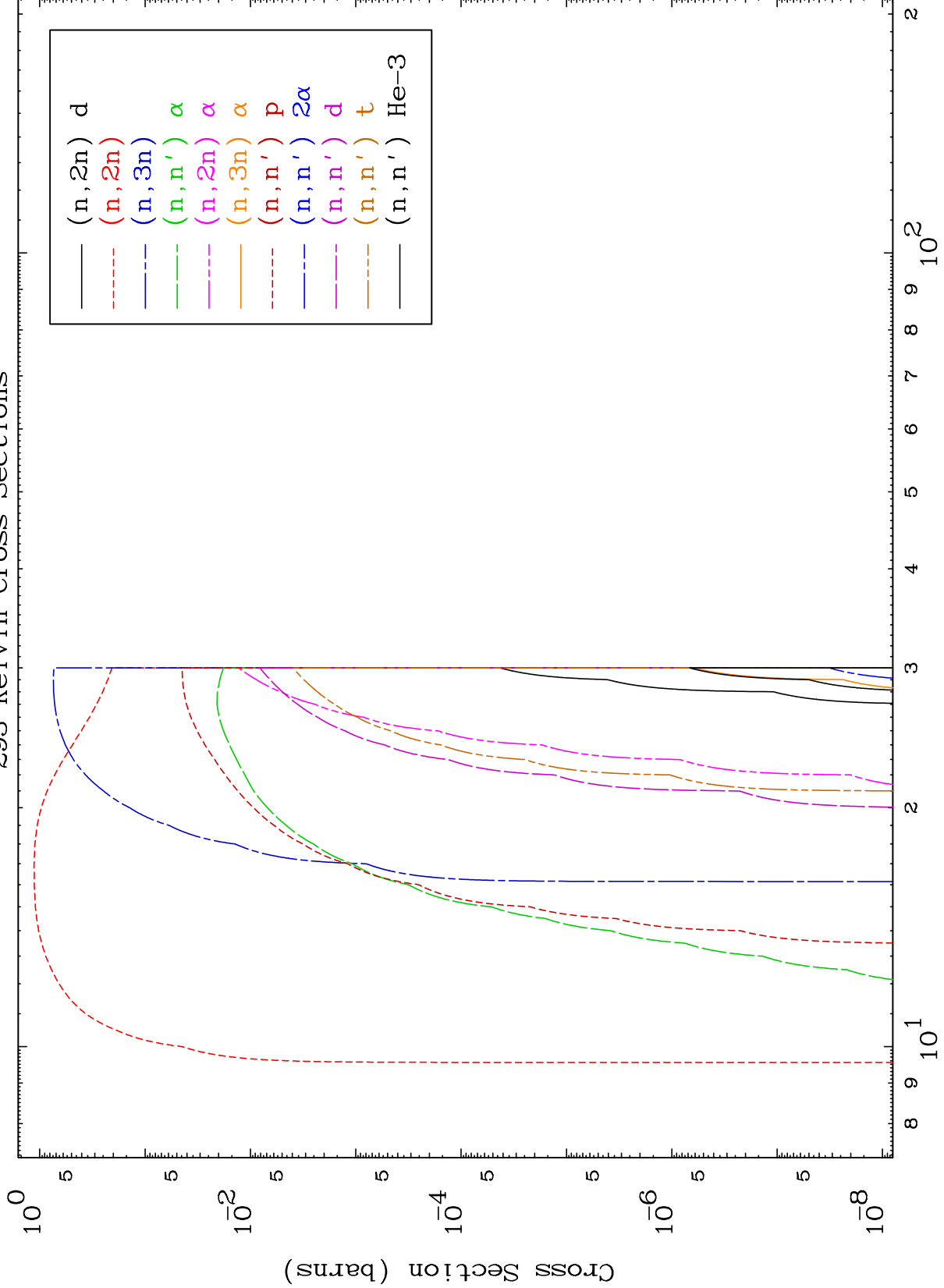
32-Ge-76



MAT 3243

Neutron Absorption  
293 Kelvin Cross Sections

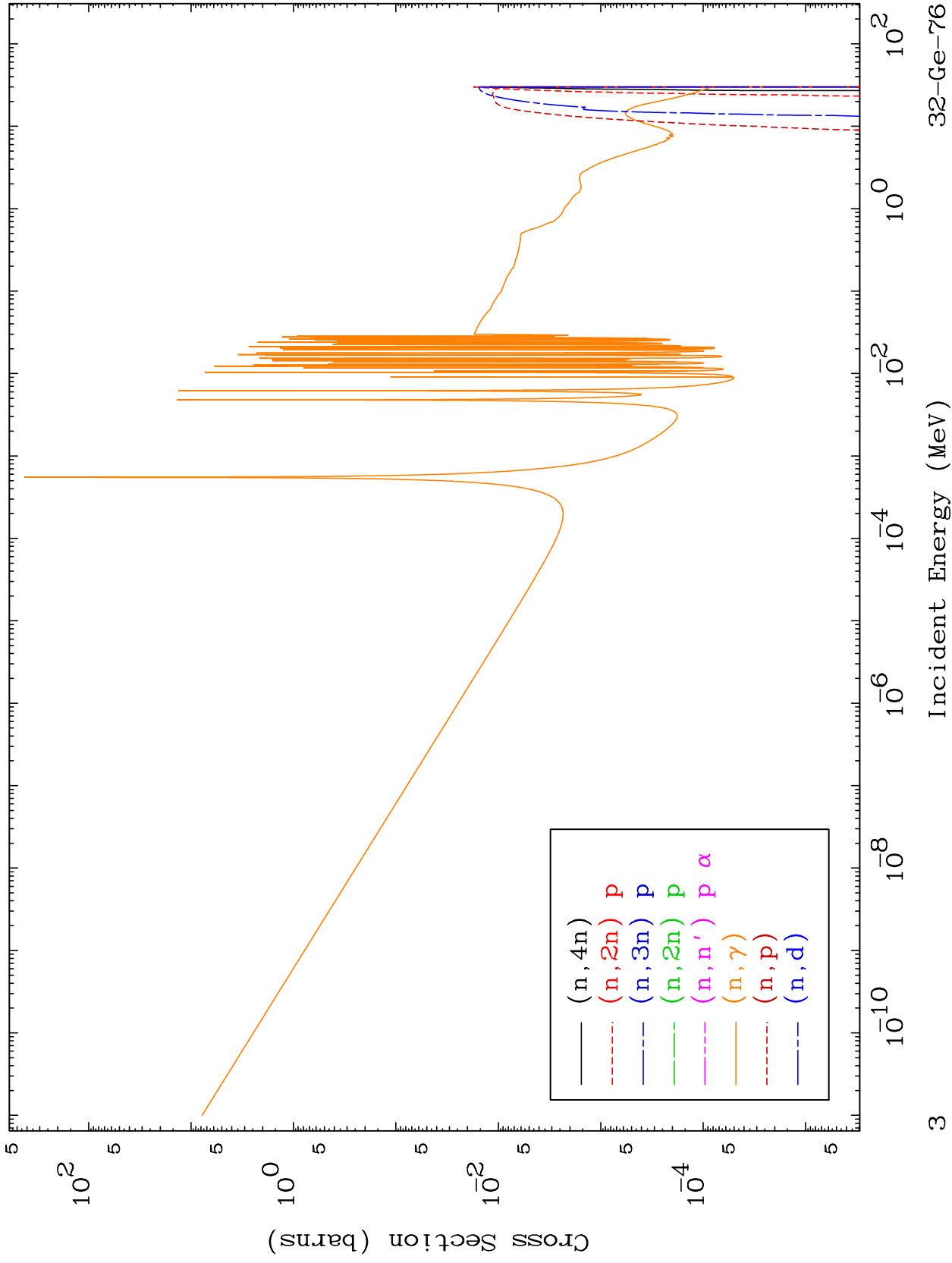
32-Ge-76



MAT 3243

Neutron Absorption  
293 Kelvin Cross Sections

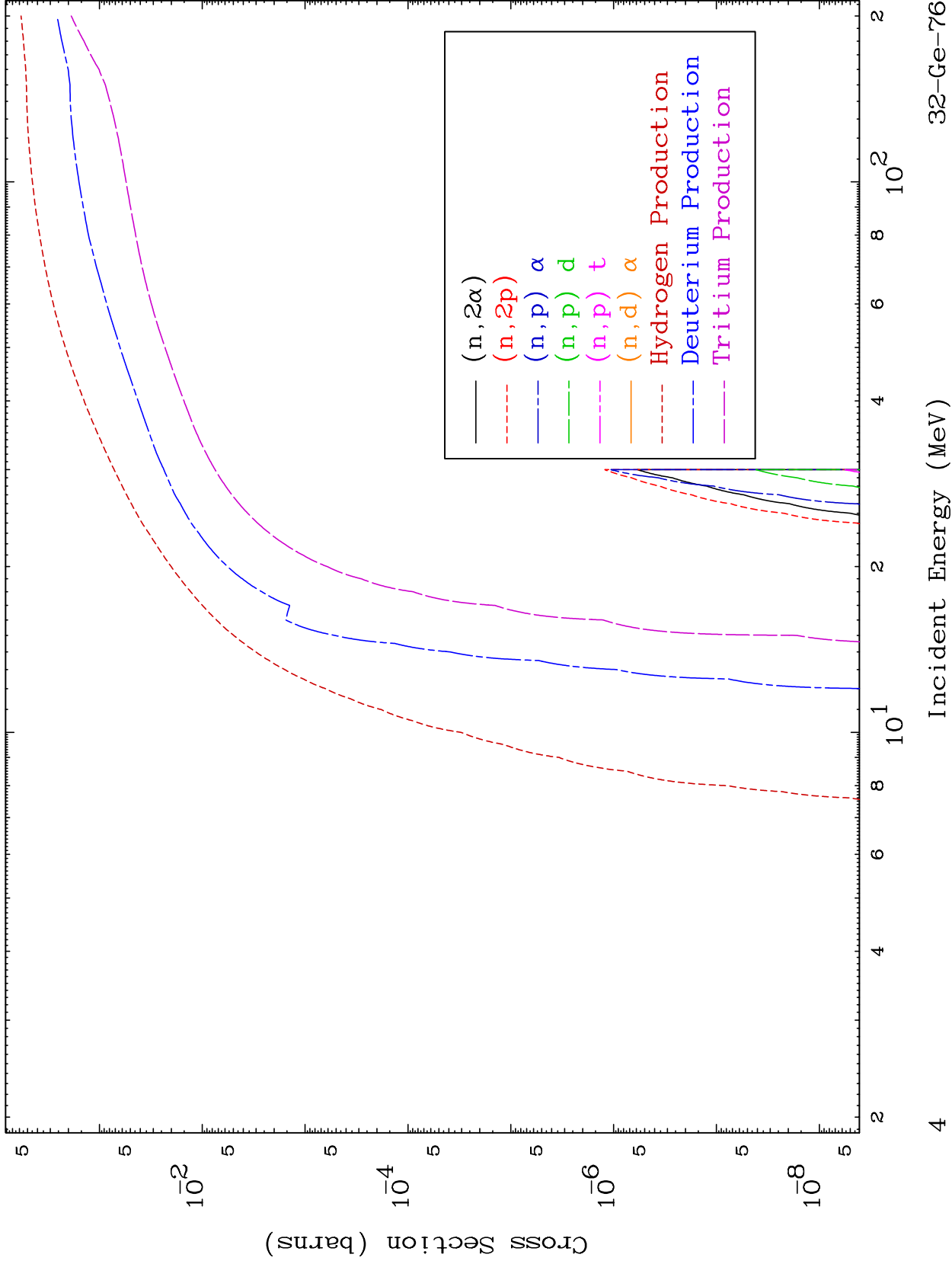
32-Ge-76



MAT 3243

Neutron Absorption  
293 Kelvin Cross Sections

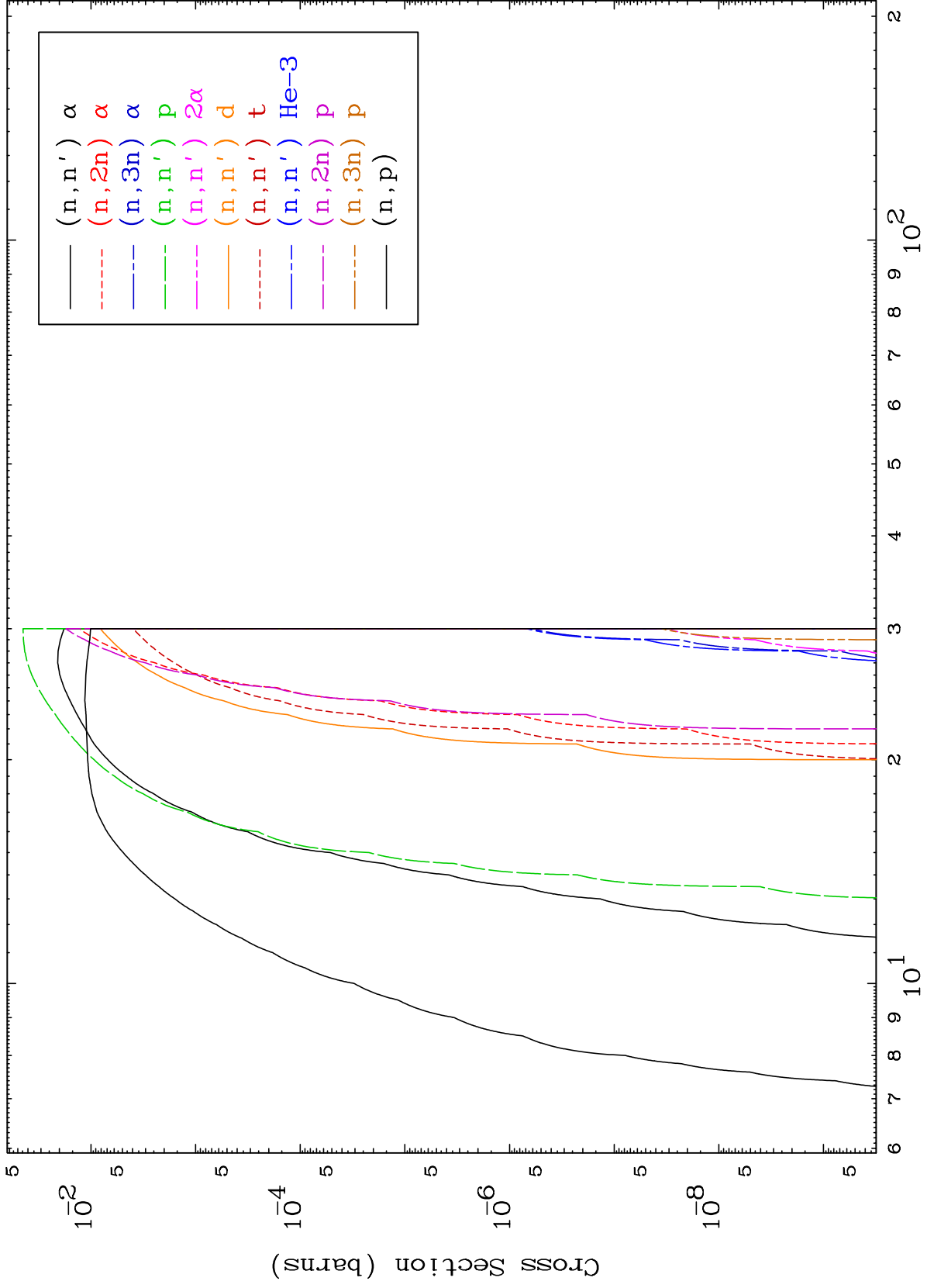
32-Ge-76



MAT 3243

Charged Particle  
293 Kelvin Cross Sections

32-Ge-76



5

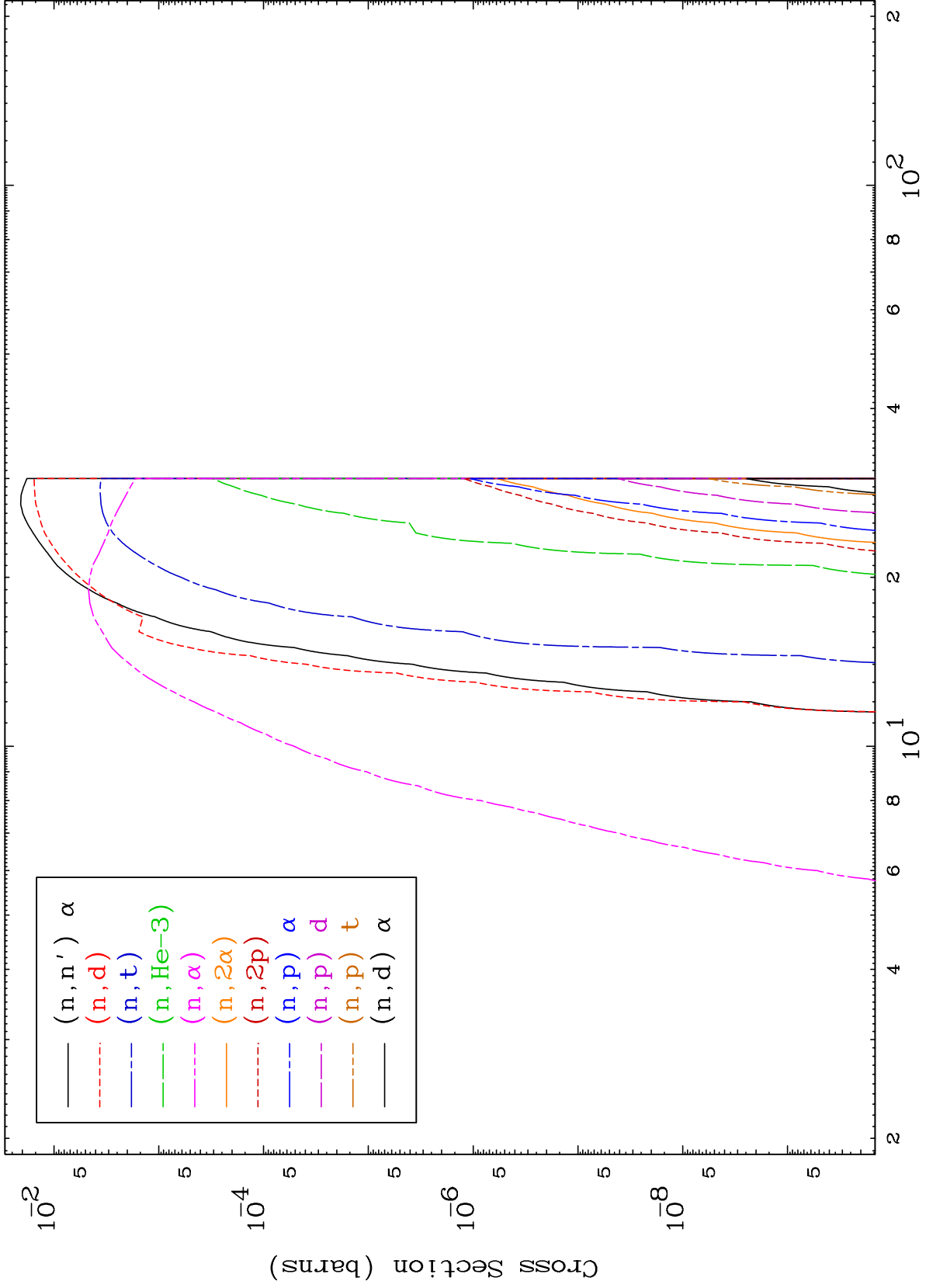
Incident Energy (MeV)

32-Ge-76

MAT 3243

Charged Particle  
293 Kelvin Cross Sections

32-Ge-76



6

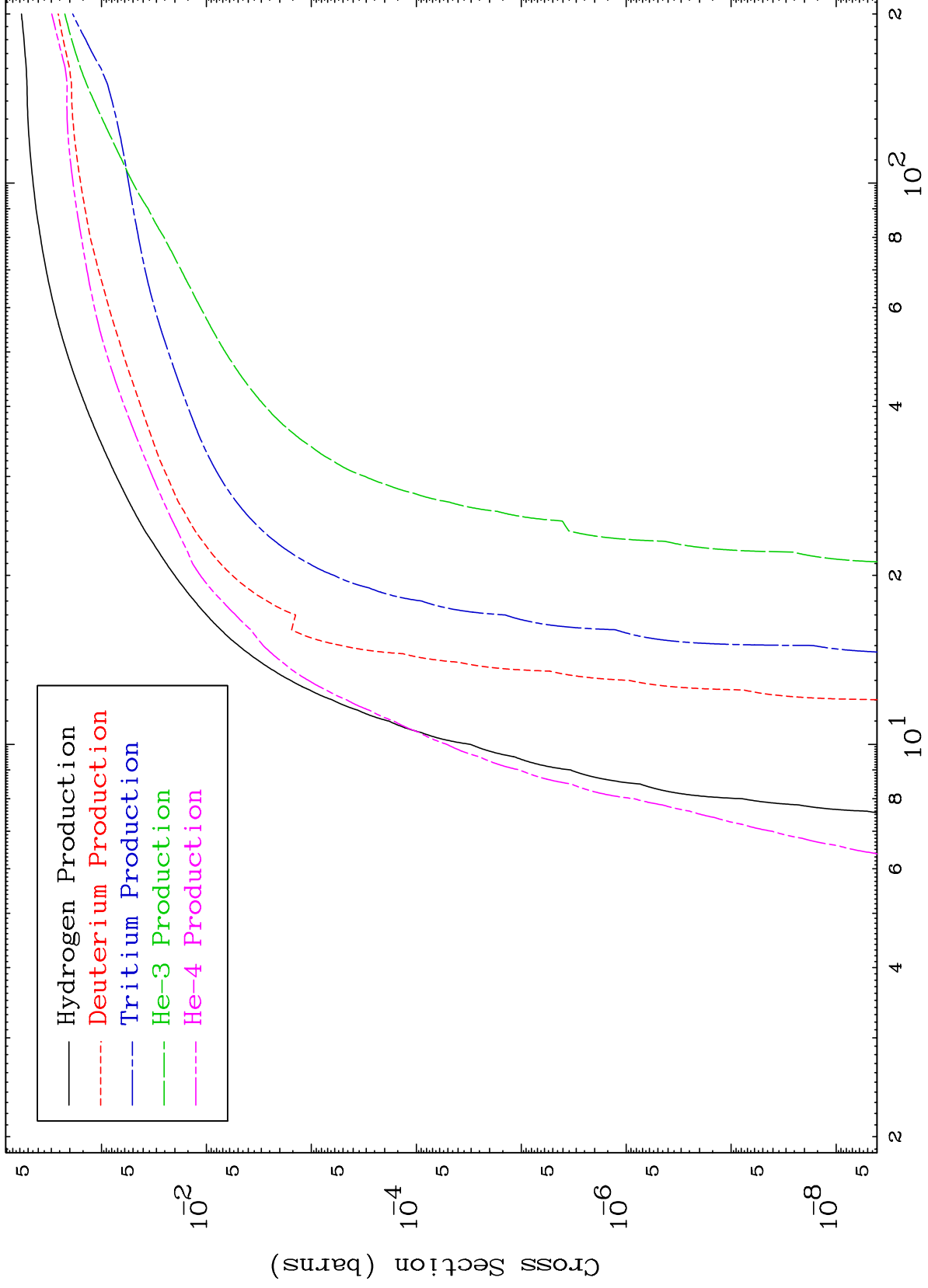
Incident Energy (MeV)

32-Ge-76

MAT 3243

Particle Production  
293 Kelvin Cross Sections

32-Ge-76



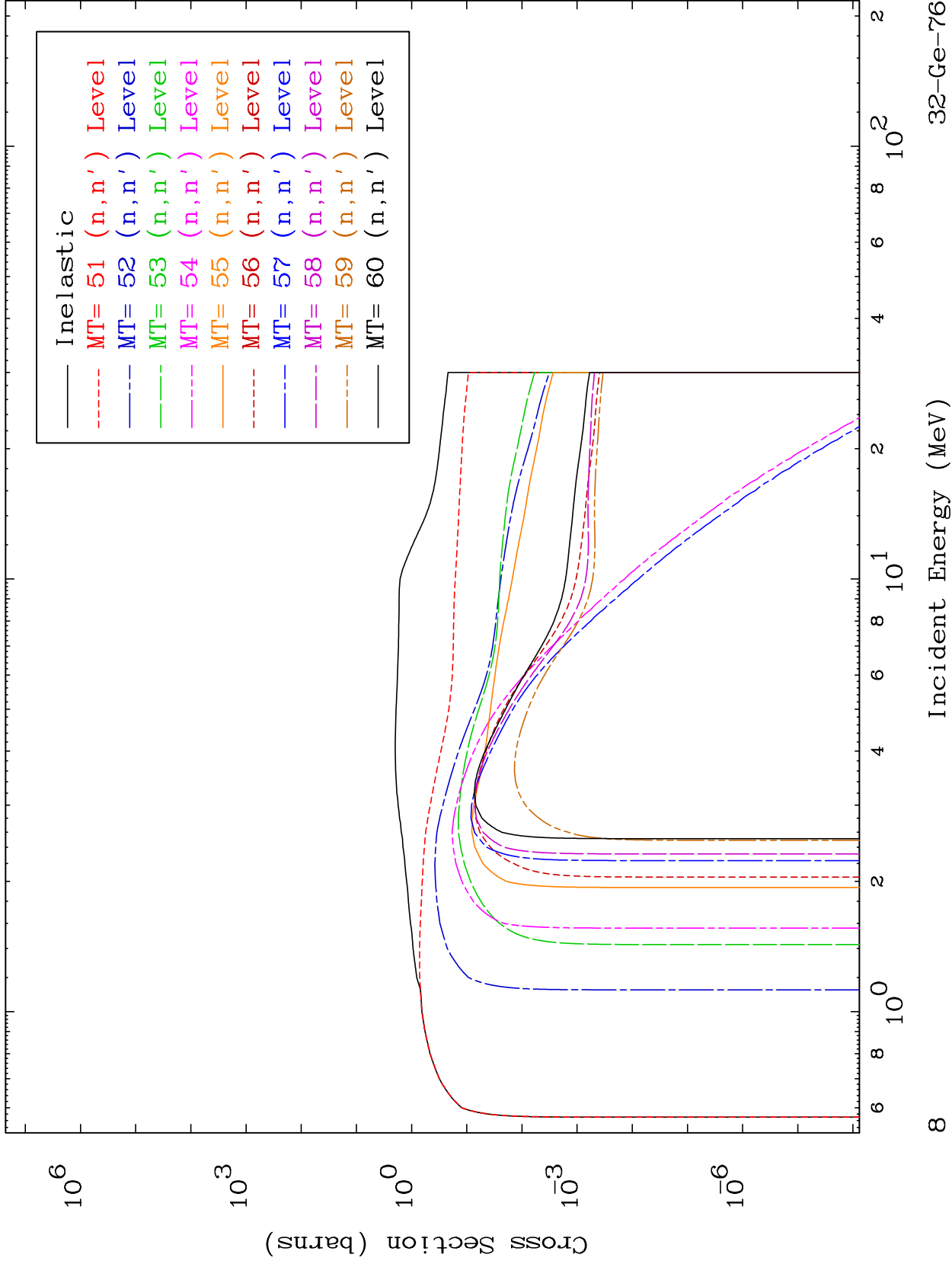


MAT 3243

(n,n') Levels

32-Ge-76

293 Kelvin Cross Sections

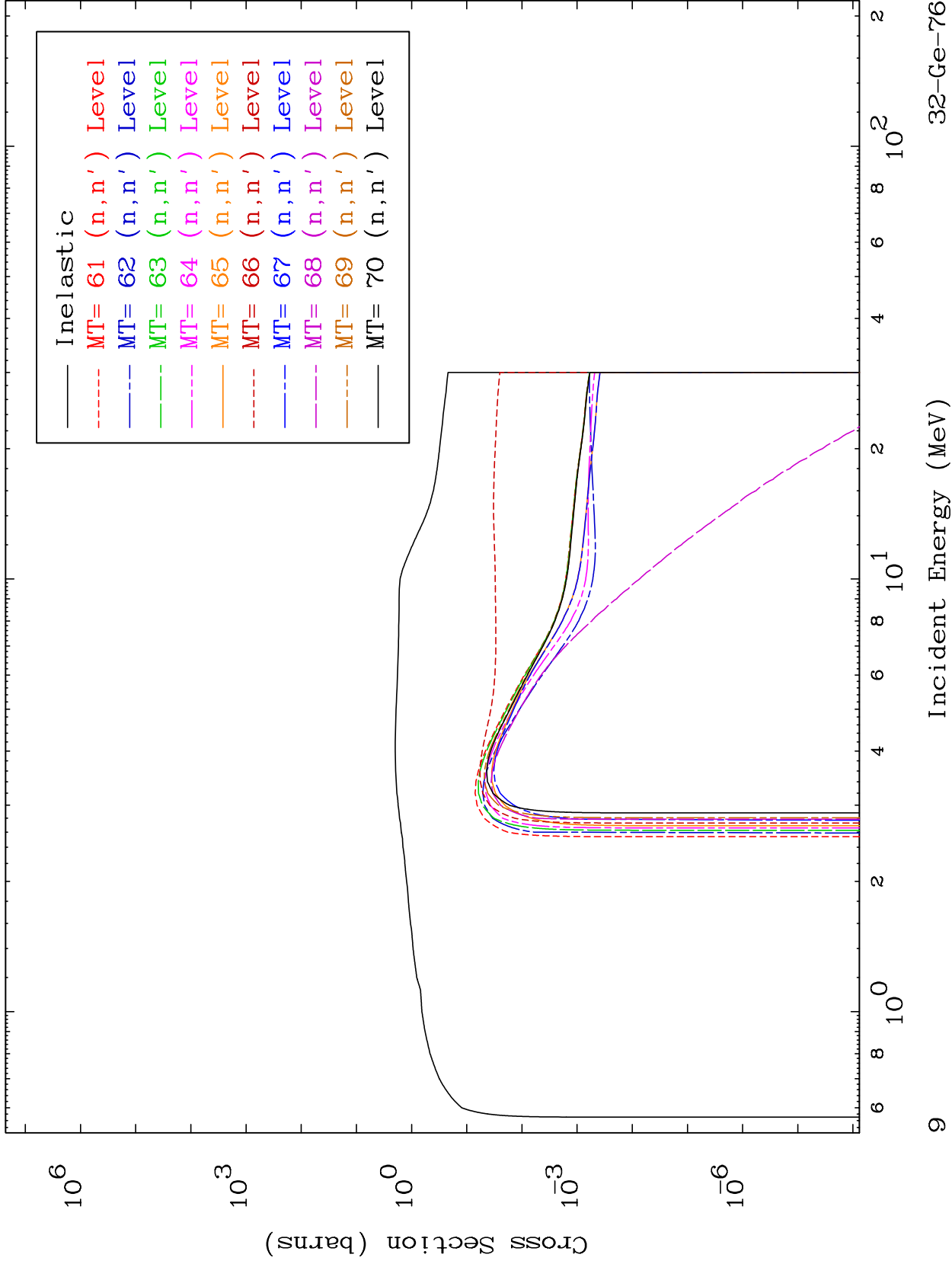


MAT 3243

(n,n') Levels

32-Ge-76

293 Kelvin Cross Sections

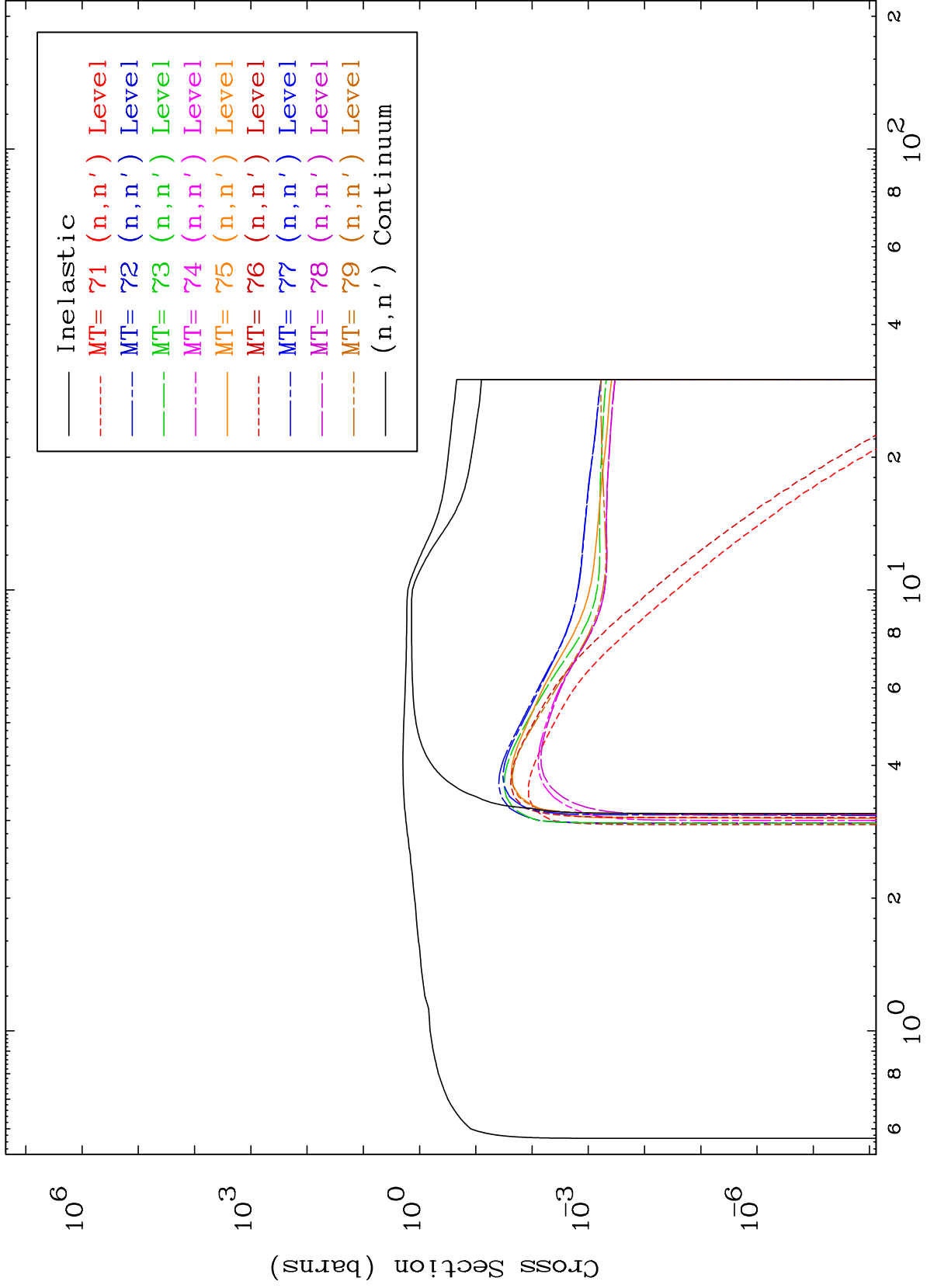


MAT 3243

(n,n') Levels

32-Ge-76

293 Kelvin Cross Sections



10

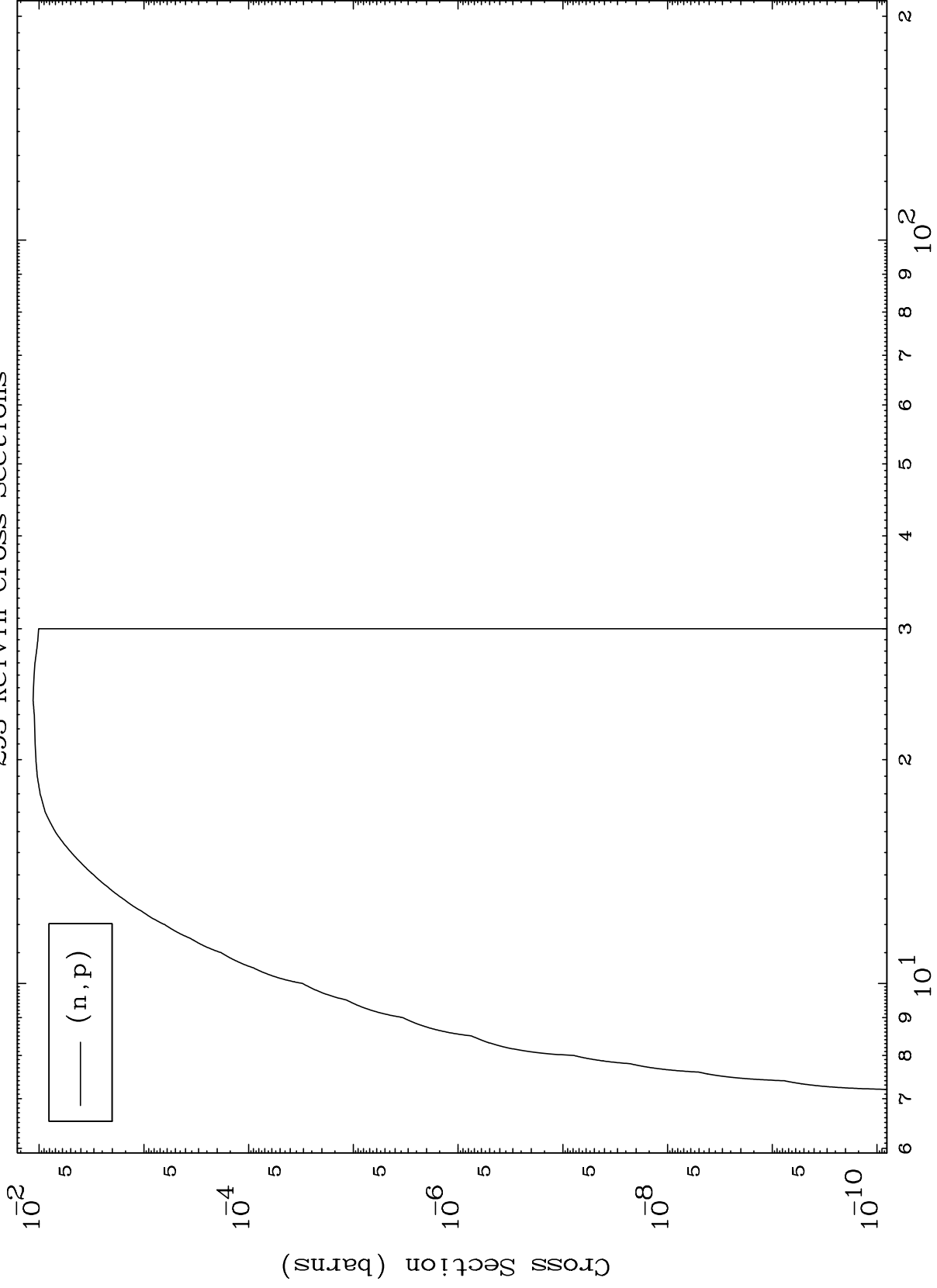
Incident Energy (MeV)

32-Ge-76

MAT 3243

(n,p) Levels  
293 Kelvin Cross Sections

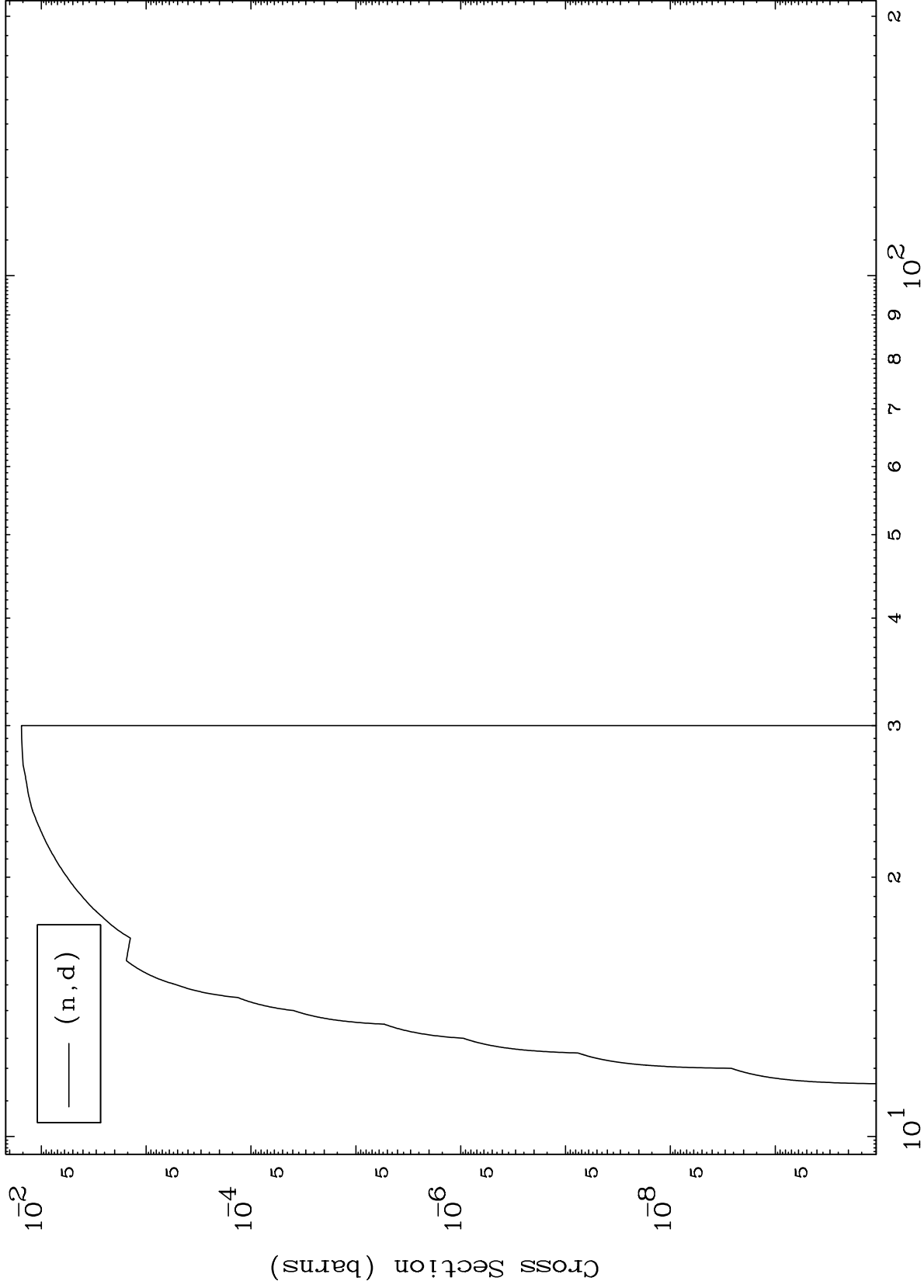
<sup>32</sup>Ge-76



MAT 3243

(n,d) Levels  
293 Kelvin Cross Sections

<sup>32</sup>Ge-76



<sup>32</sup>Ge-76

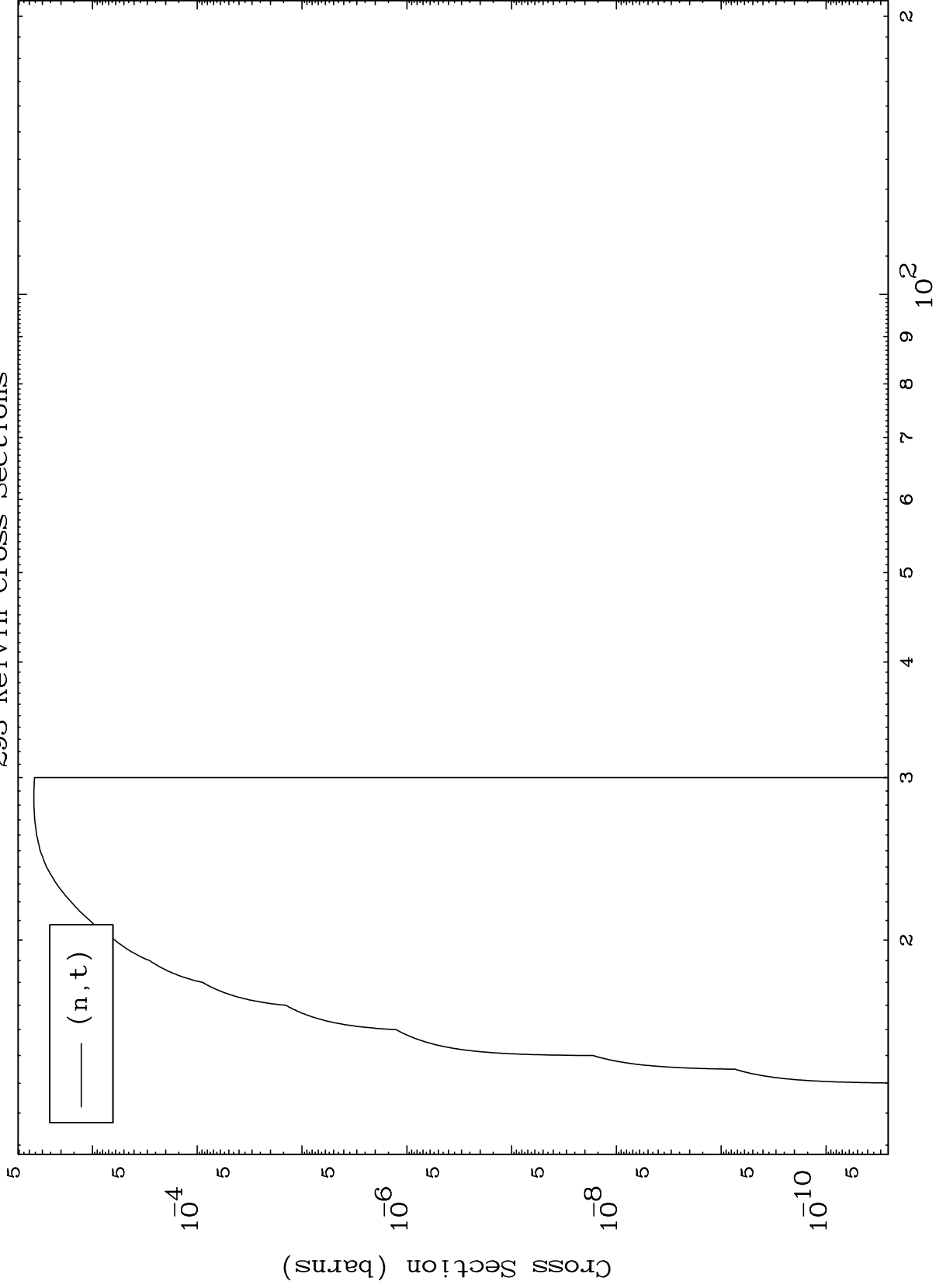
Incident Energy (MeV)

12

MAT 3243

(n,t) Levels  
293 Kelvin Cross Sections

<sup>32</sup>Ge-76



13

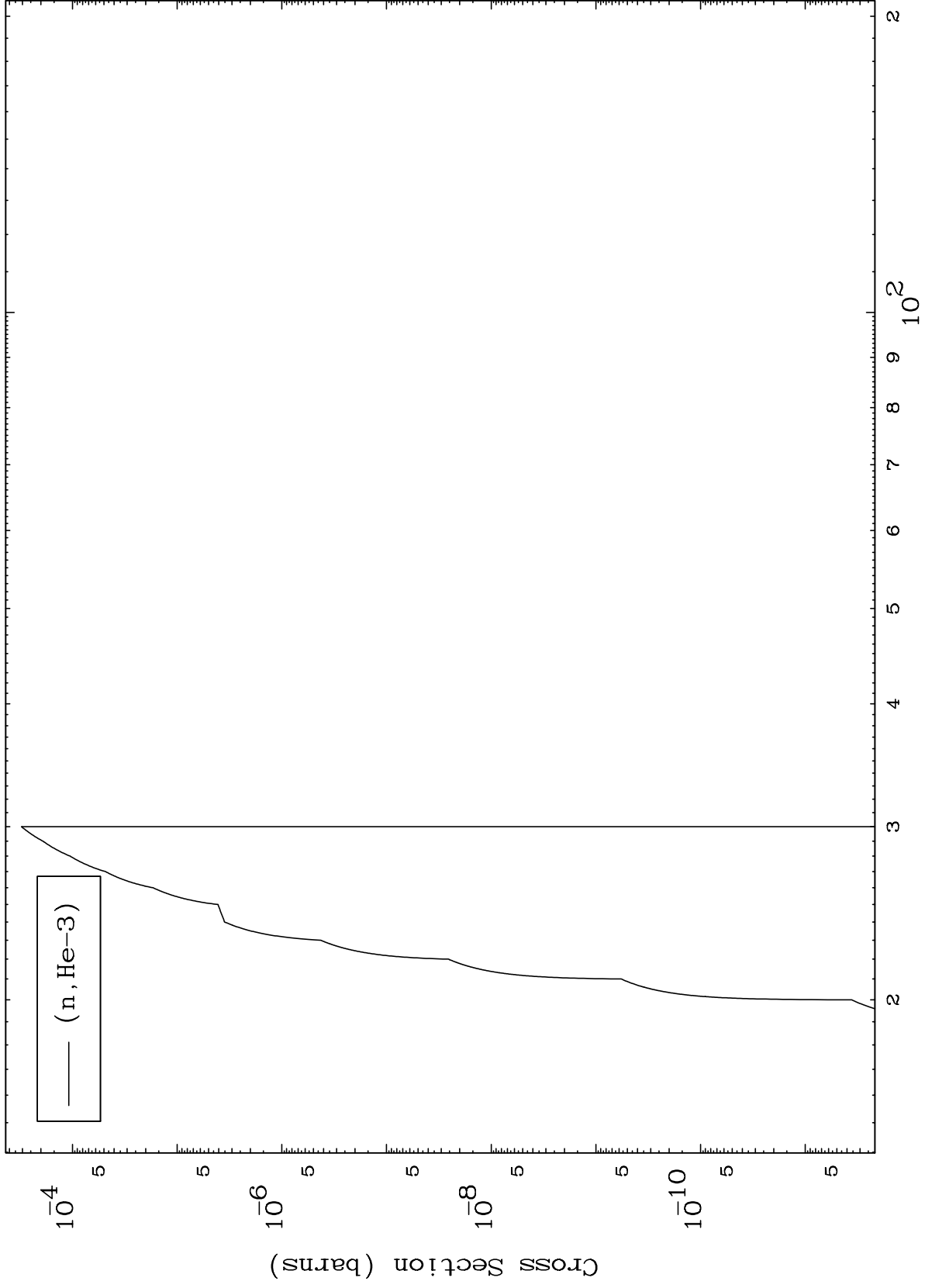
Incident Energy (MeV)

<sup>32</sup>Ge-76

MAT 3243

(n,He3) Levels  
293 Kelvin Cross Sections

32-Ge-76



14

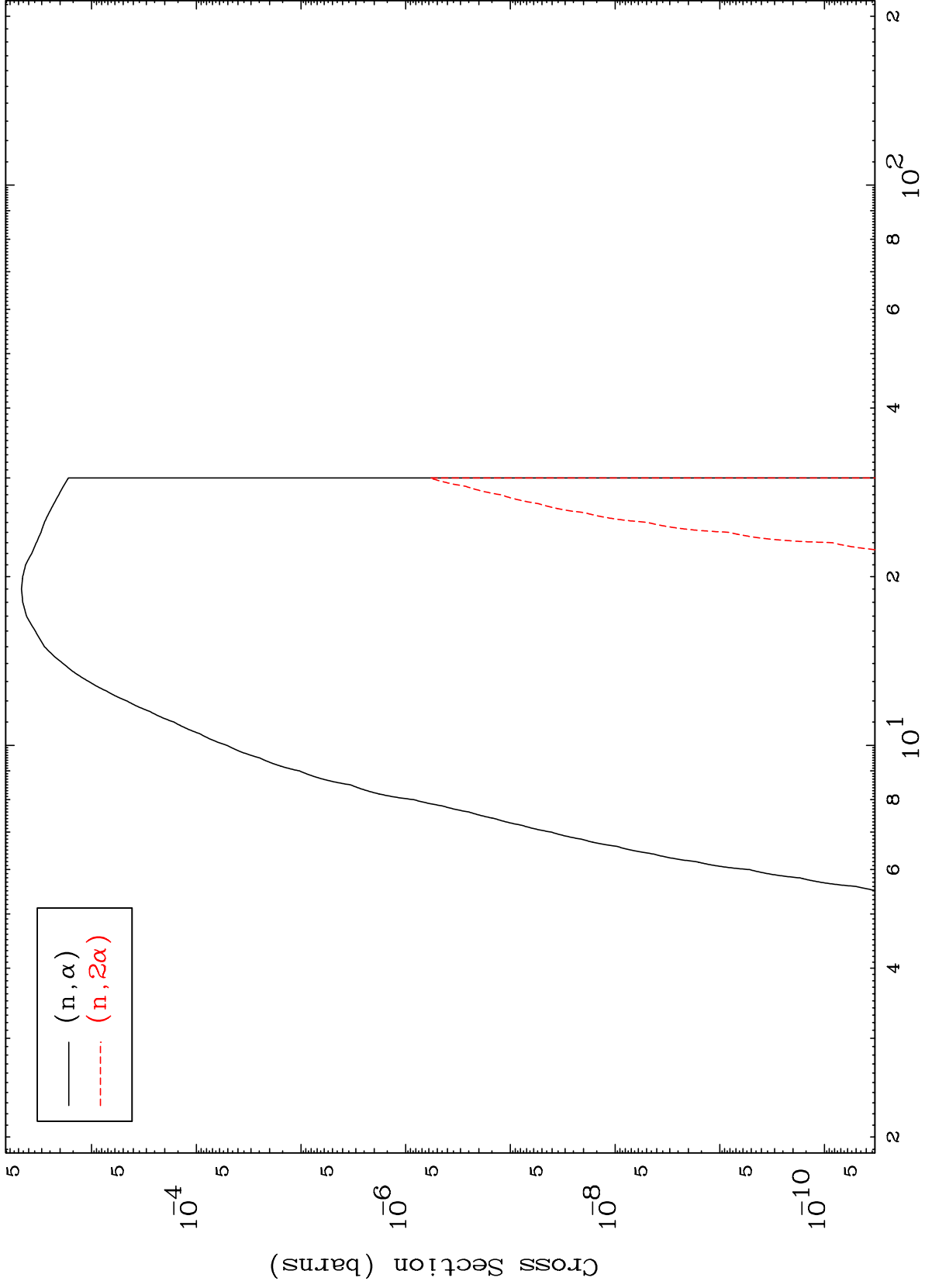
Incident Energy (MeV)

32-Ge-76

MAT 3243

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

<sup>32</sup>Ge-76



15

Incident Energy (MeV)

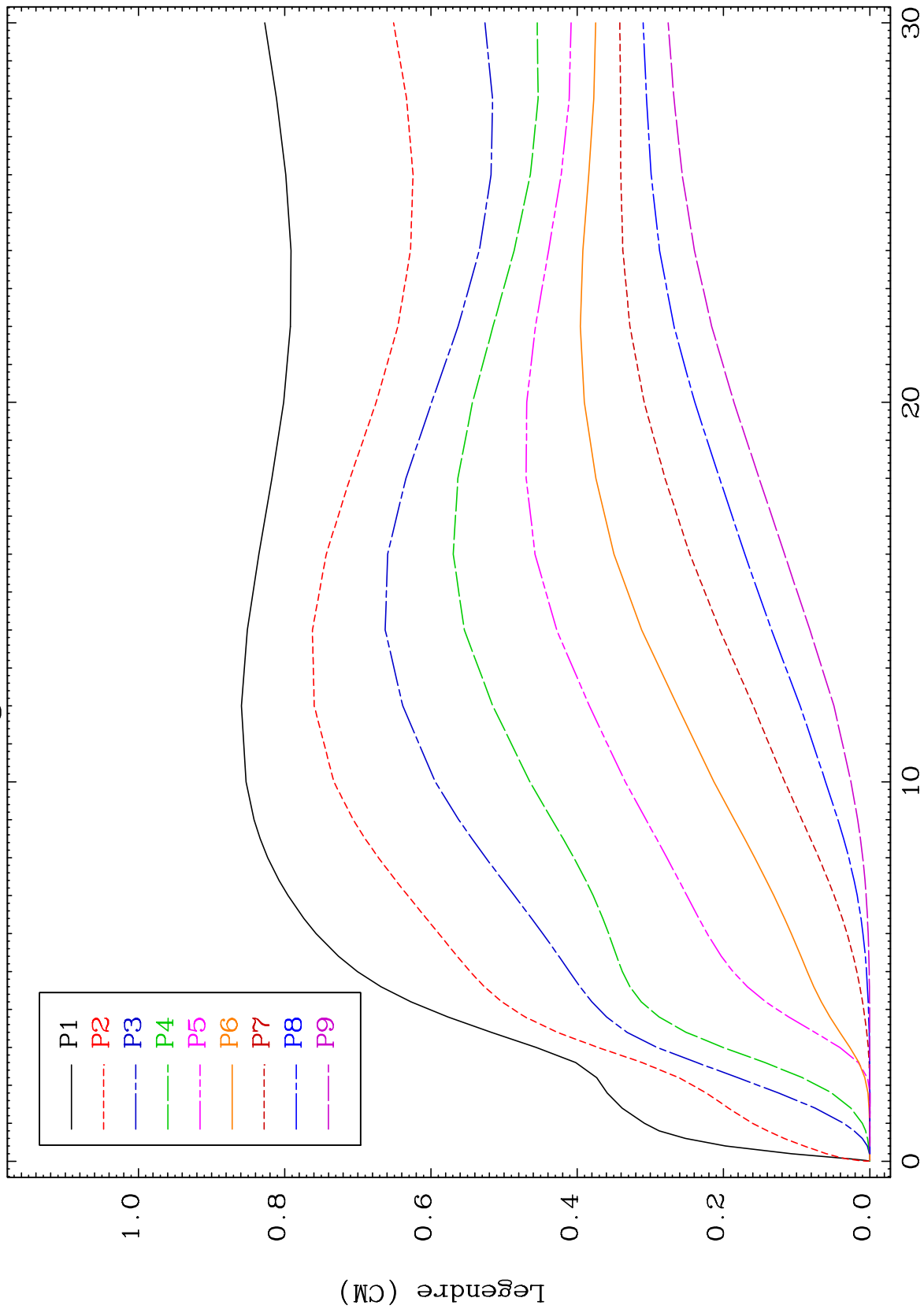
<sup>32</sup>Ge-76



MAT 3243

Elastic Legendre Coefficients

<sup>32</sup>Ge-76



16

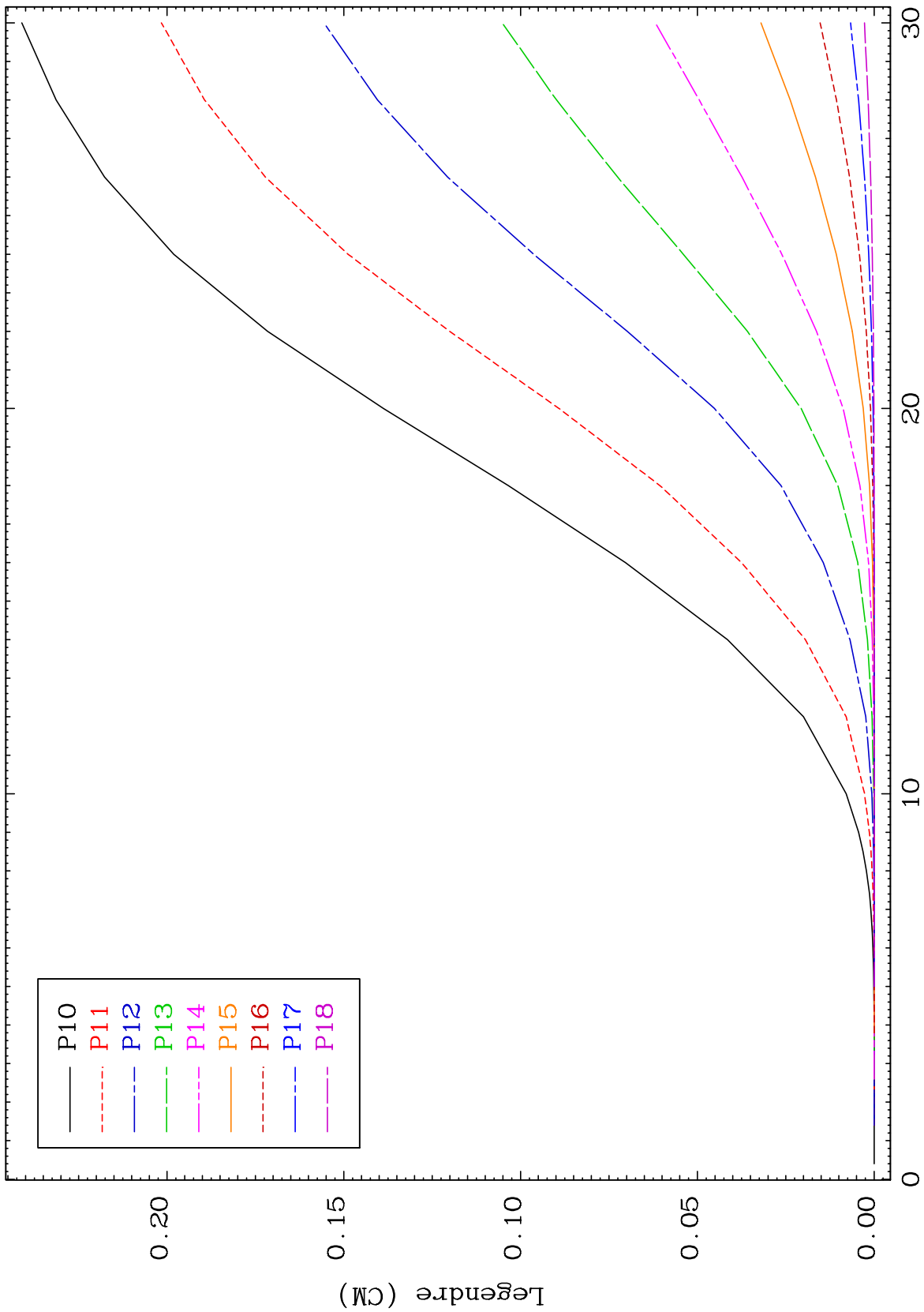
Incident Energy (MeV)

<sup>32</sup>Ge-76

MAT 3243

Elastic Legendre Coefficients

<sup>32</sup>Ge-76



17

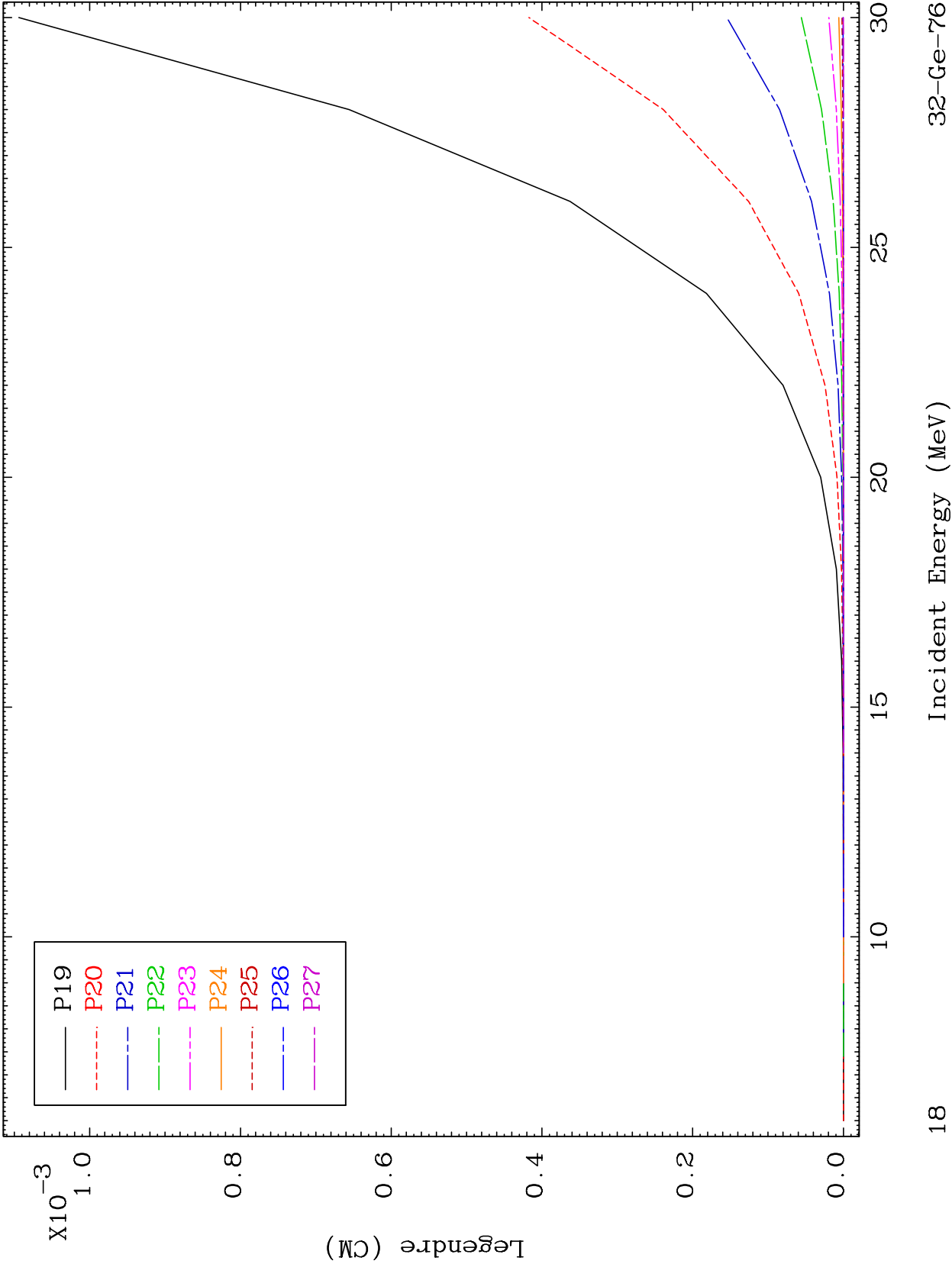
Incident Energy (MeV)

<sup>32</sup>Ge-76

MAT 3243

Elastic Legendre Coefficients

<sup>32</sup>Ge-76



18

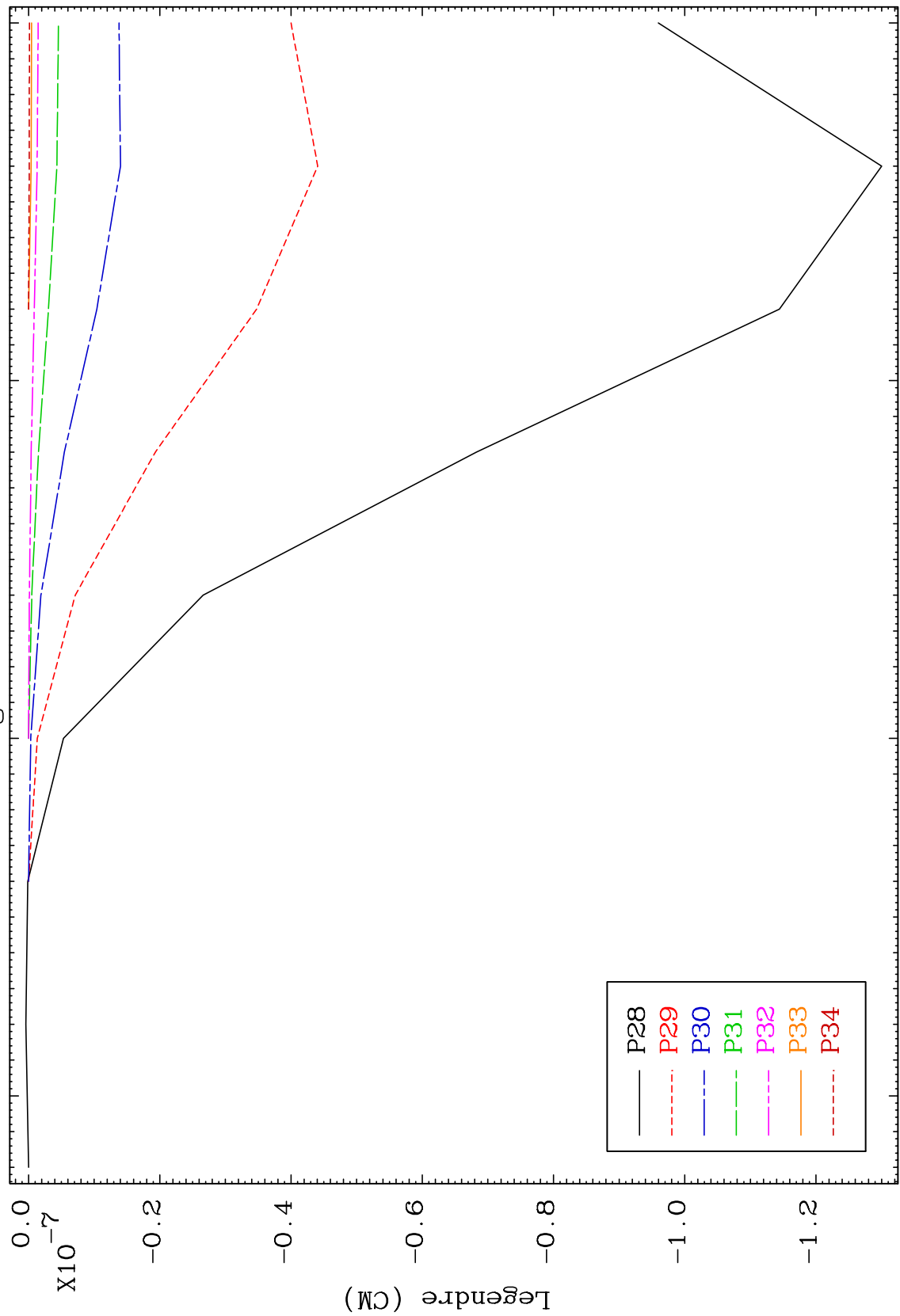
Incident Energy (MeV)

<sup>32</sup>Ge-76

MAT 3243

32-Ge-76

Elastic Legendre Coefficients



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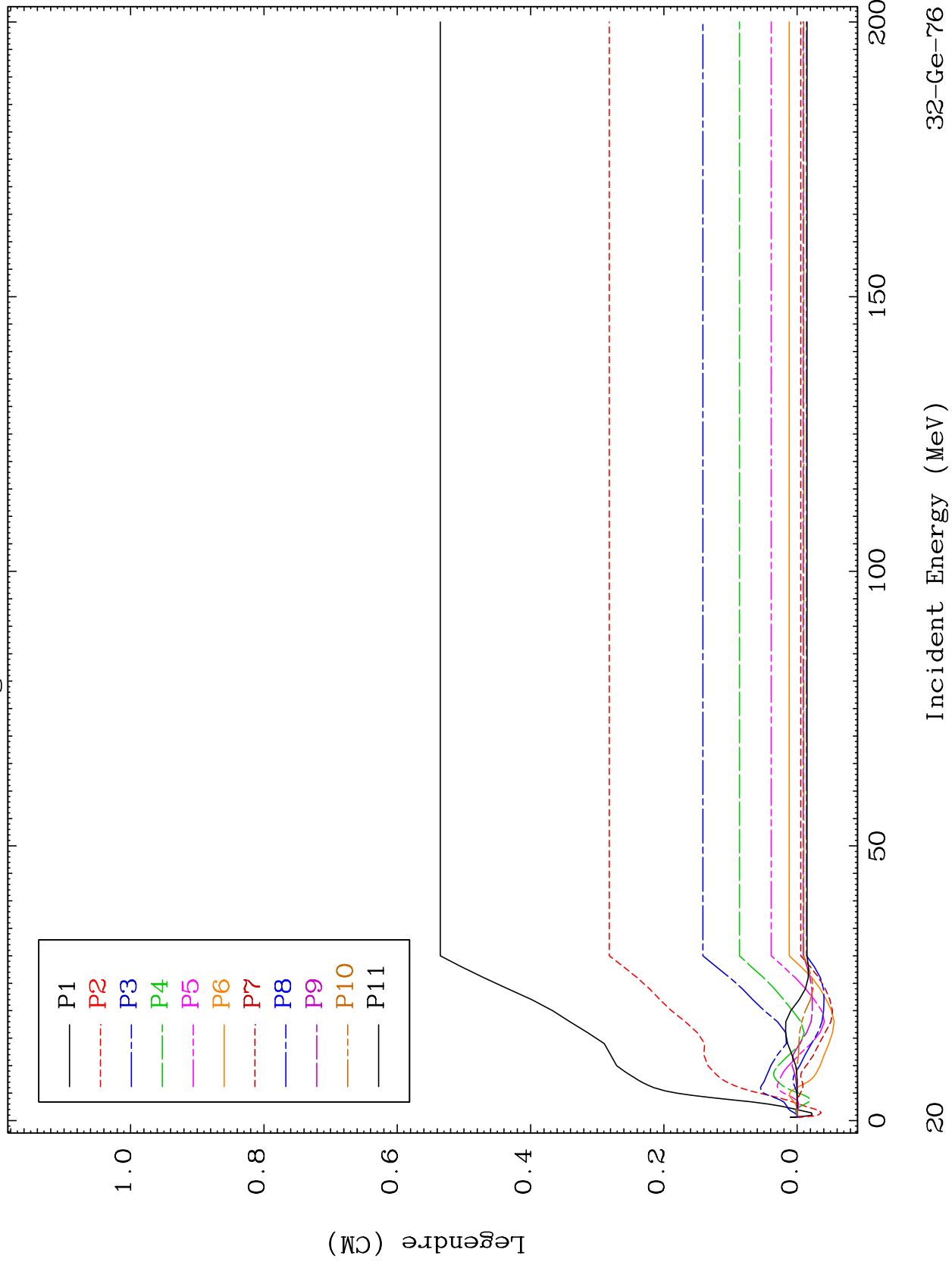
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

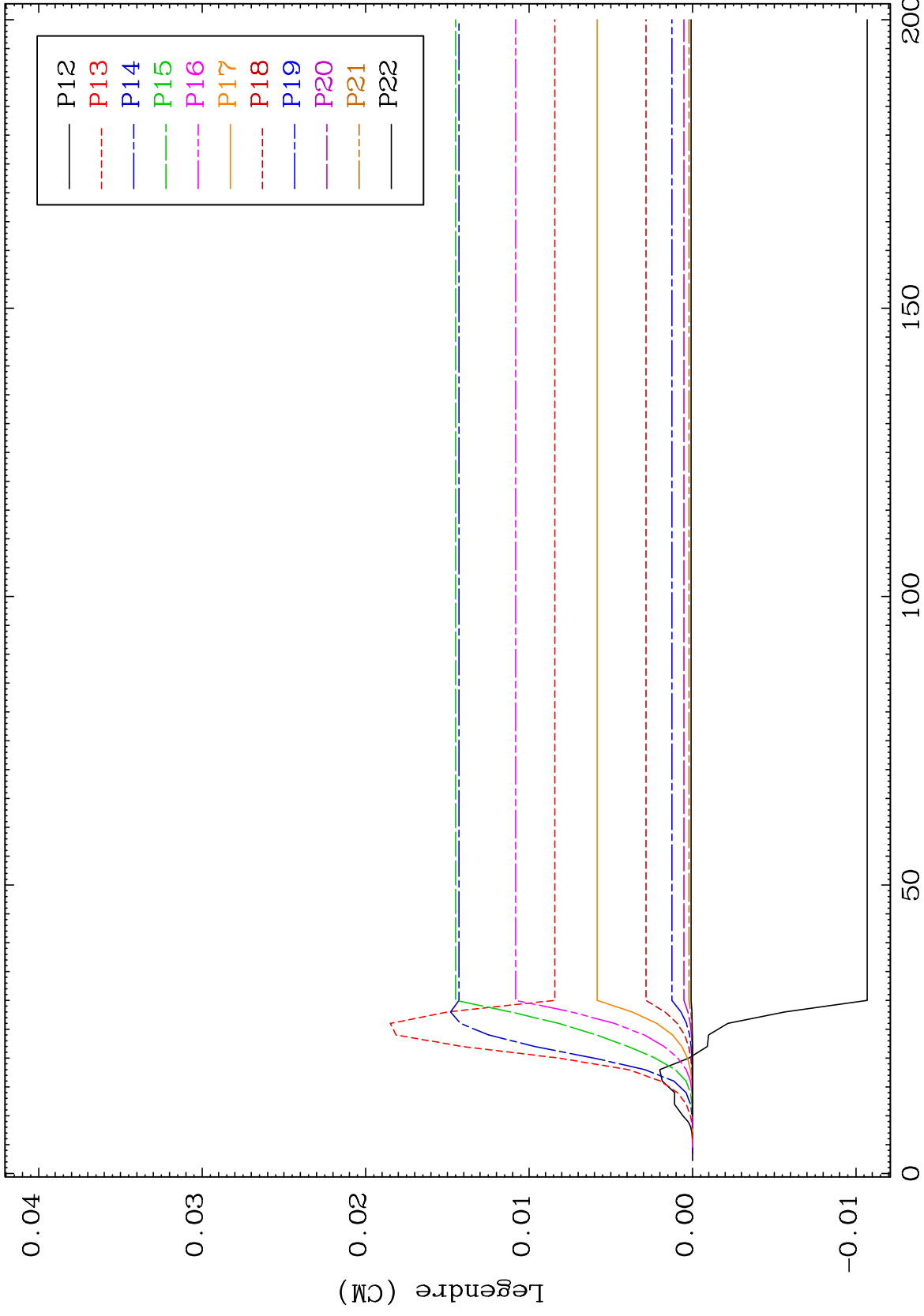
<sup>32</sup>Ge-76



MAT 3243

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

32-Ge-76



21

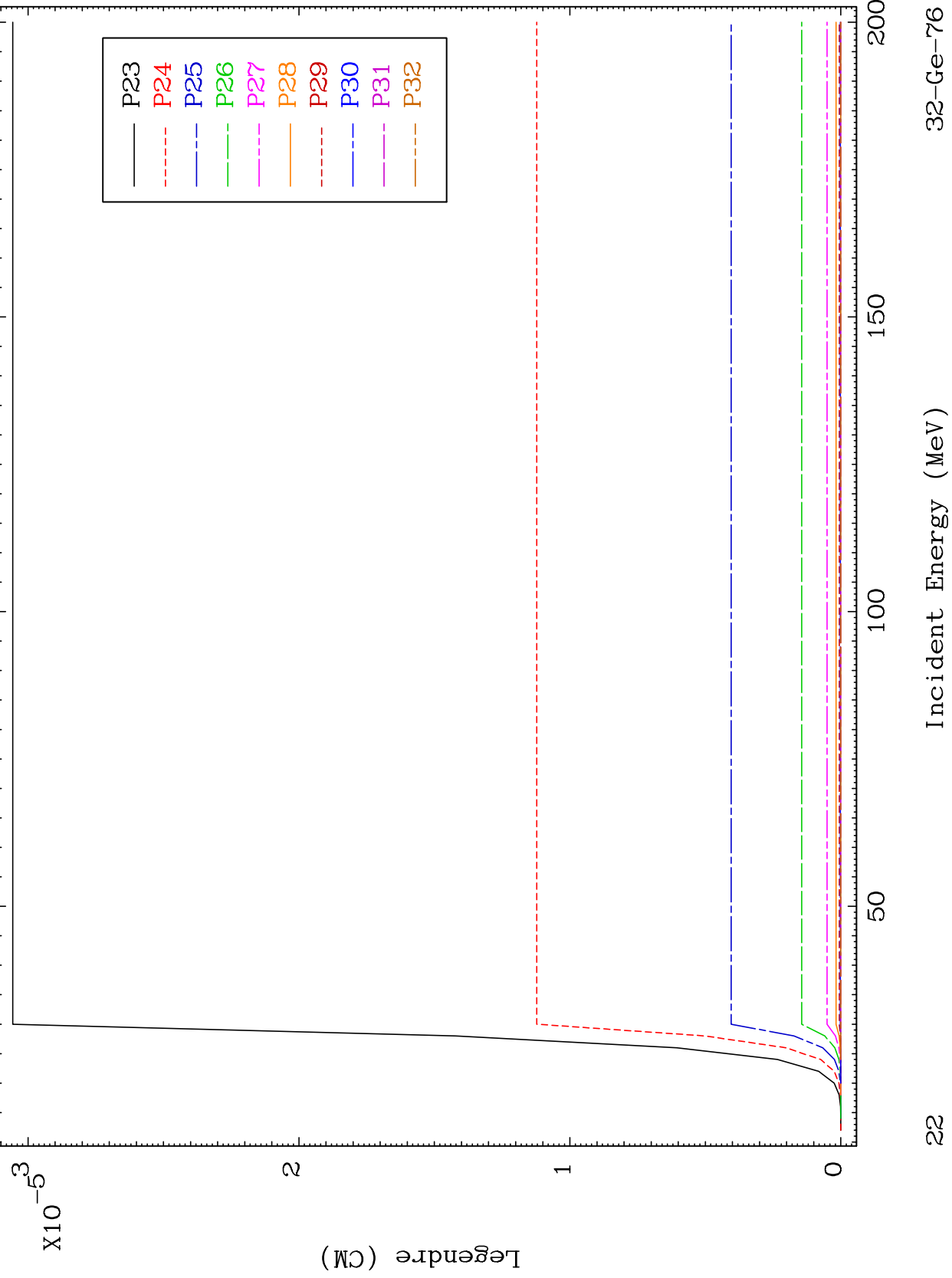
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



22

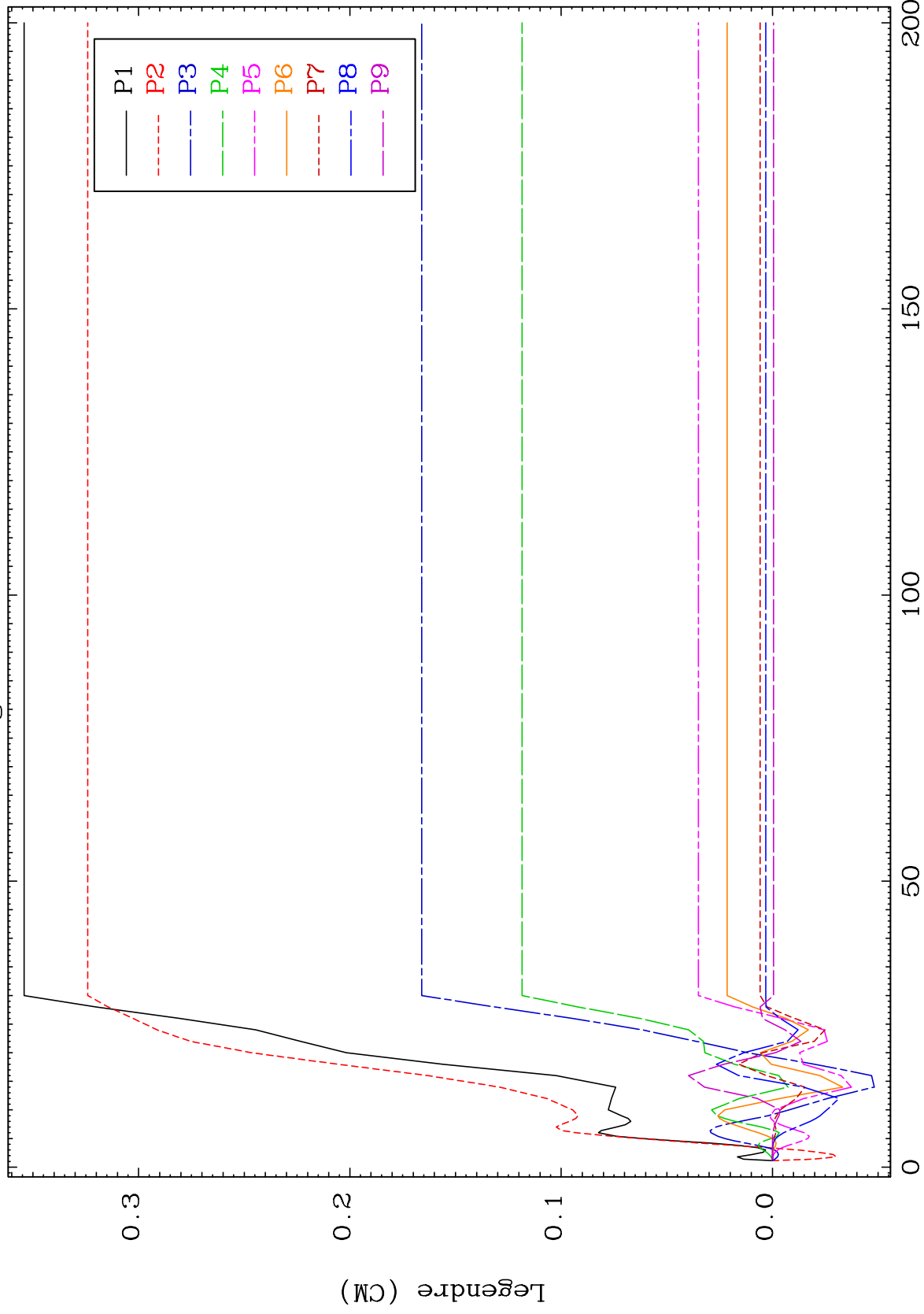
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



23

Incident Energy (MeV)

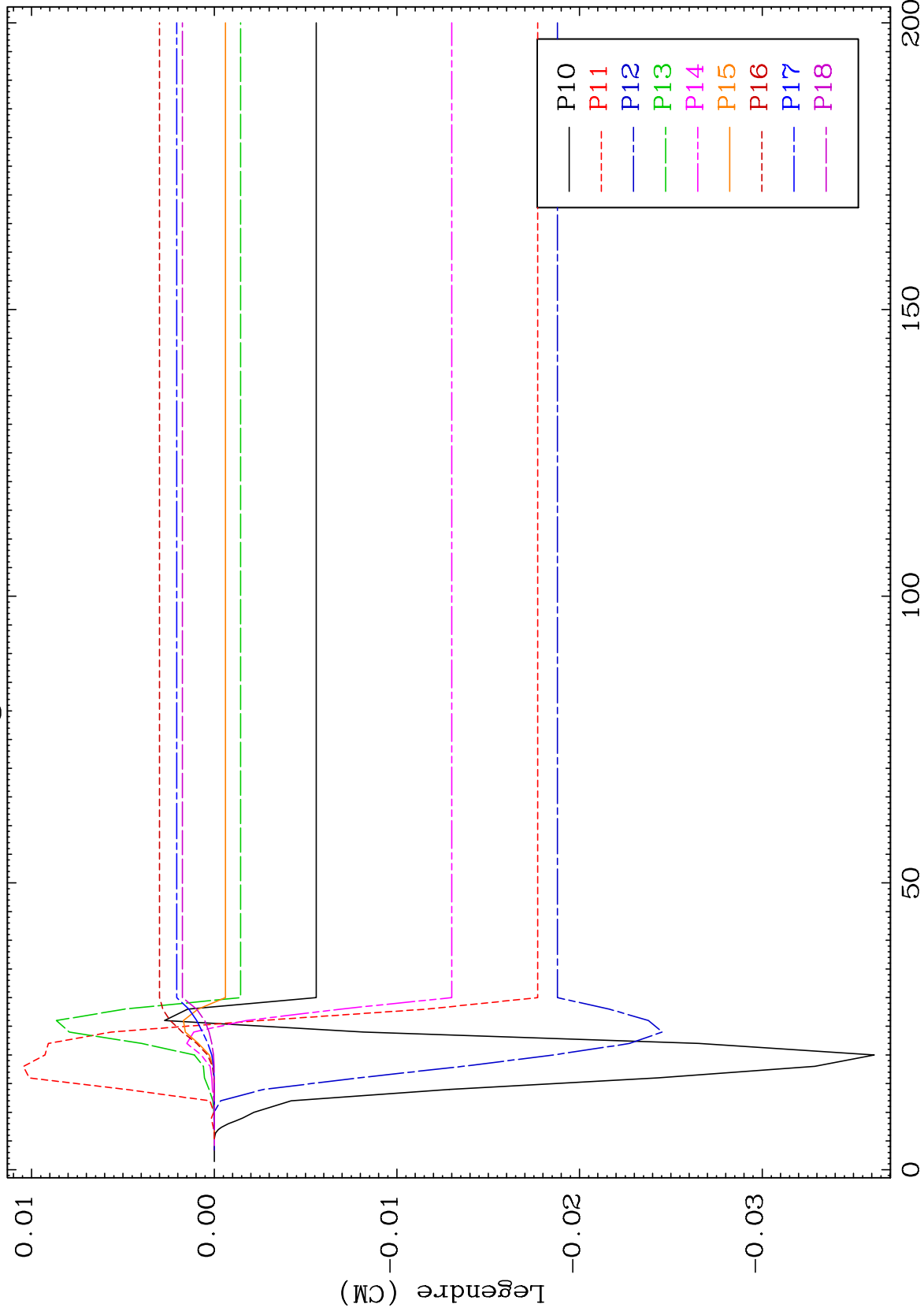
32-Ge-76



MAT 3243

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

32-Ge-76



24

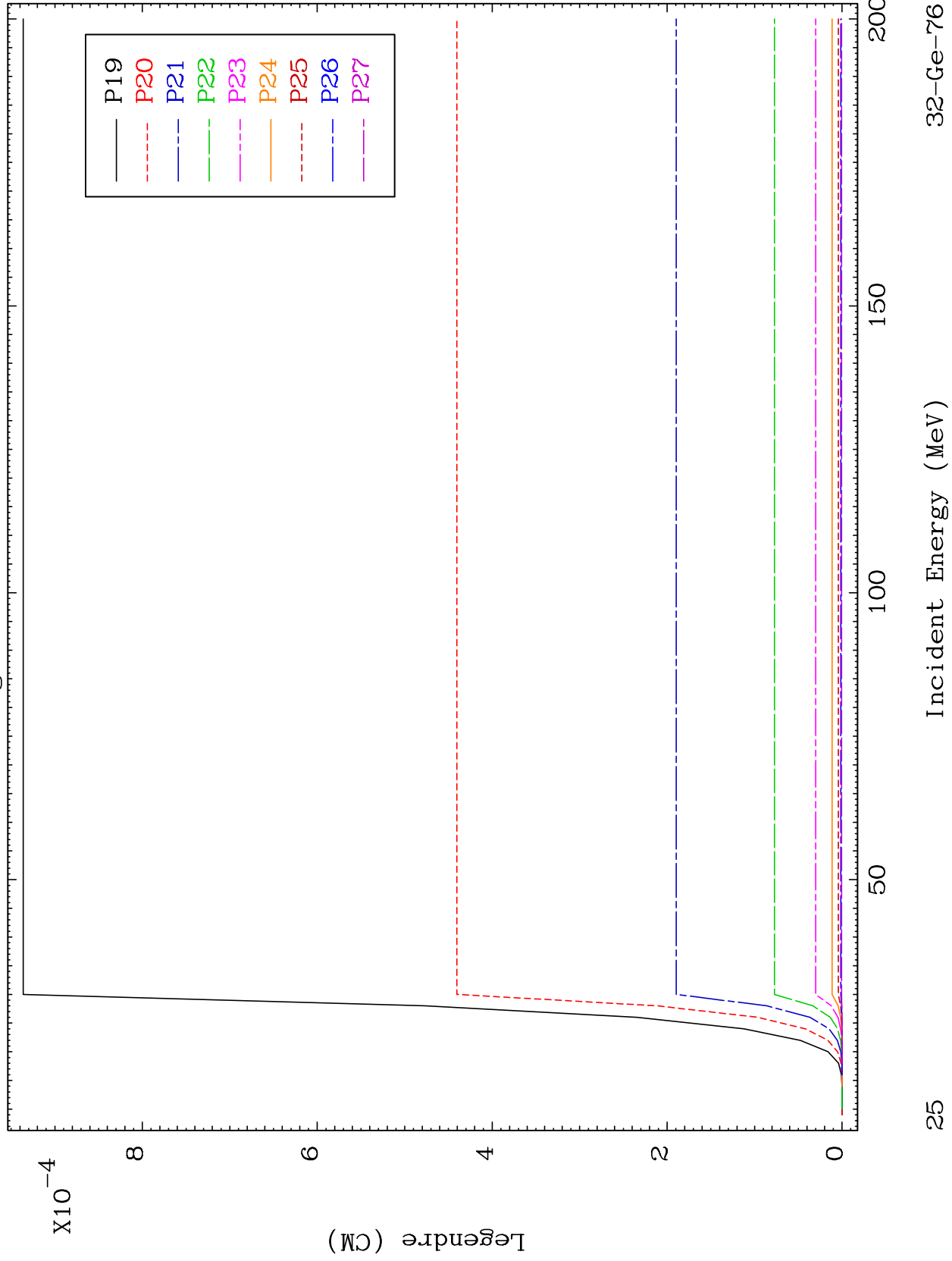
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



25

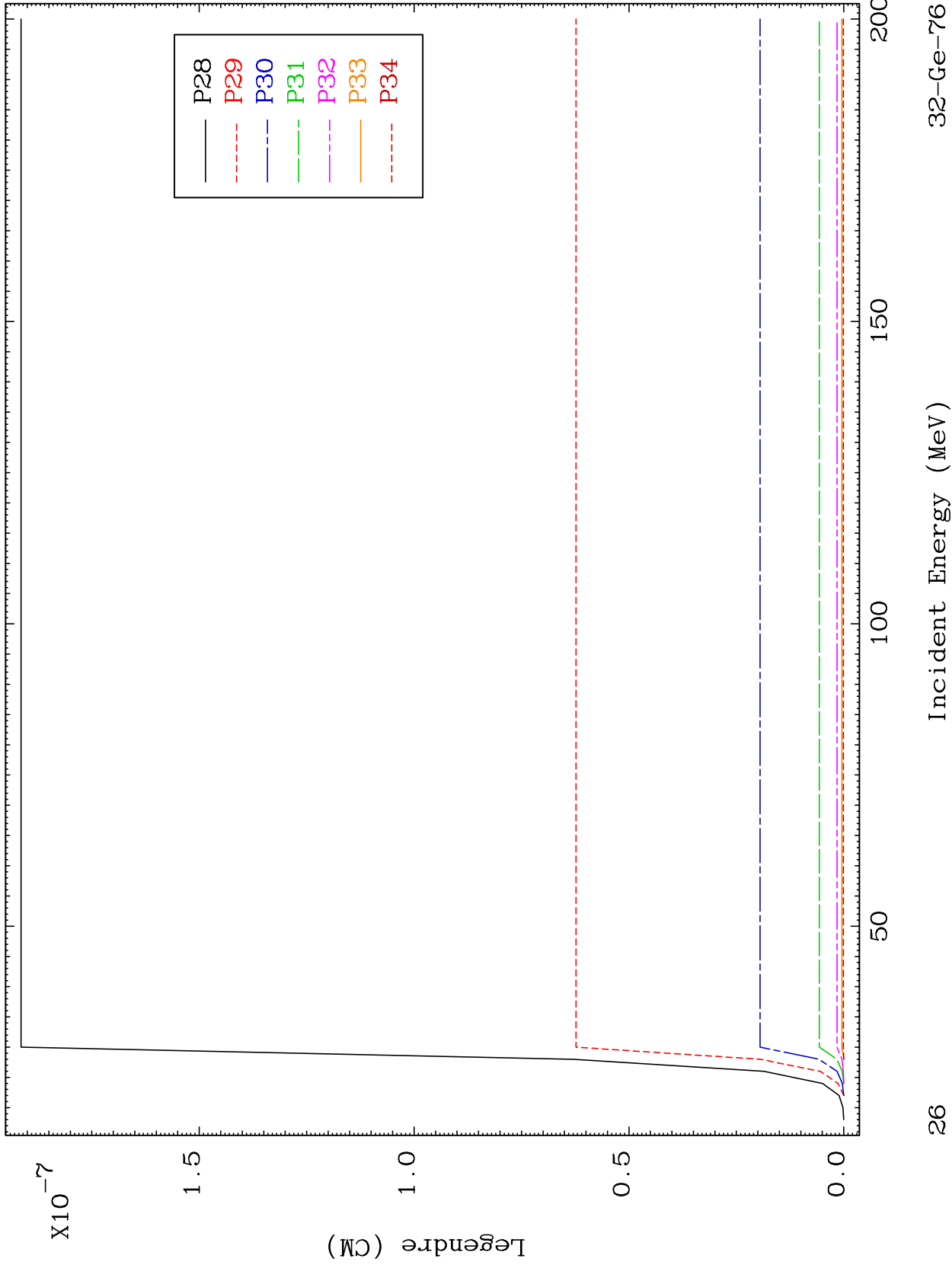
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



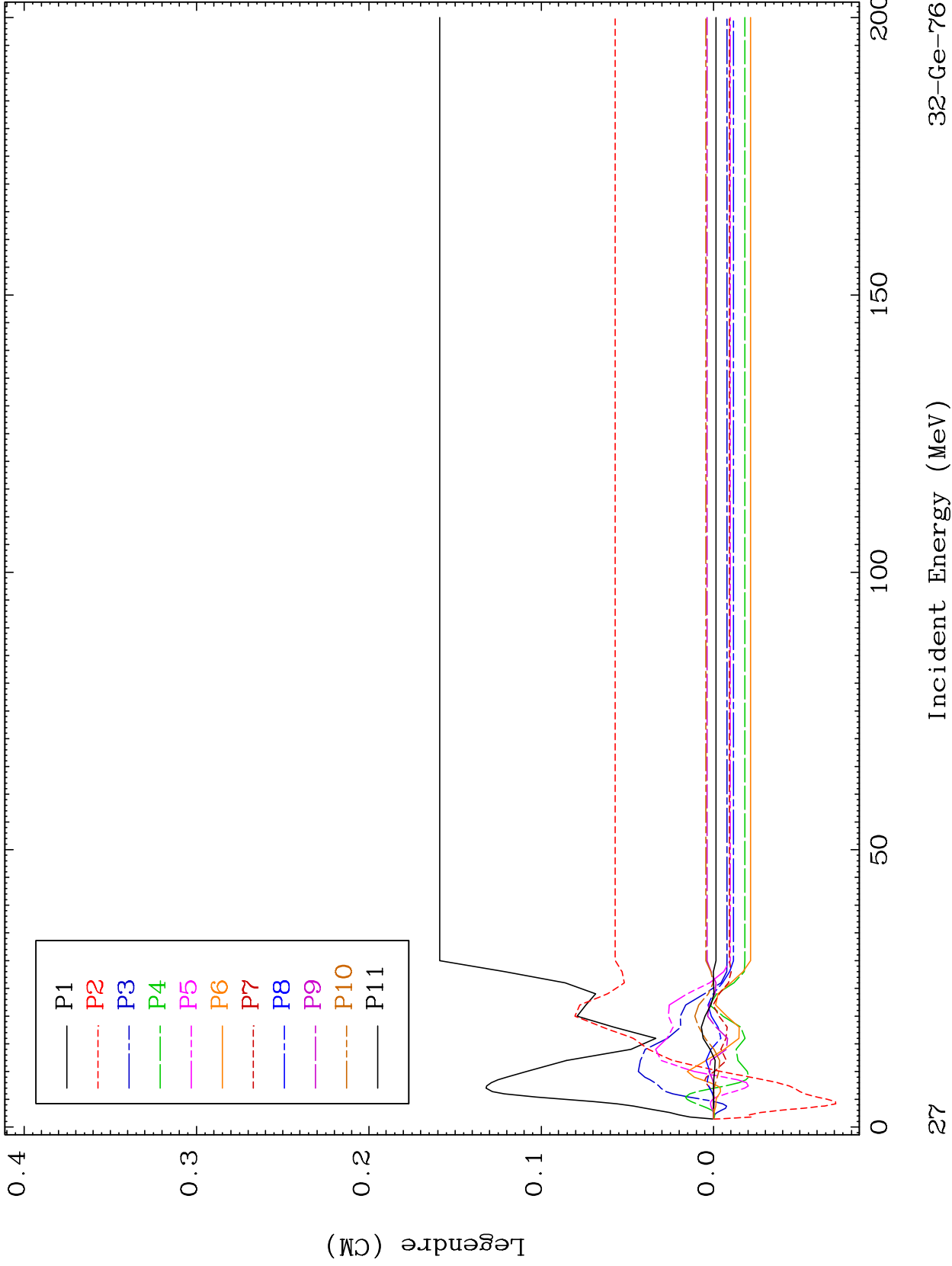
26

32-Ge-76

MAT 3243

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

<sup>32</sup>Ge-76



27

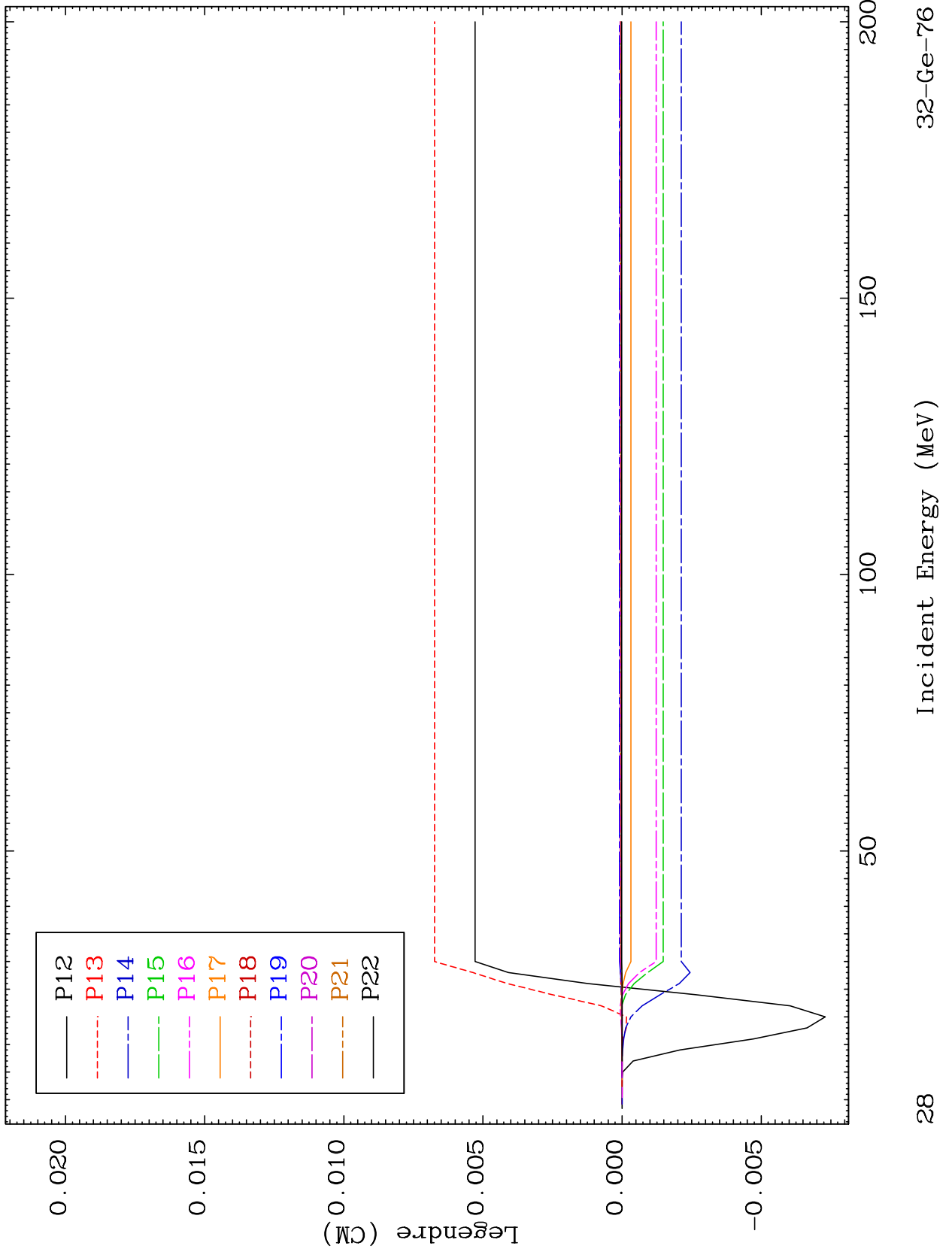
Incident Energy (MeV)

<sup>32</sup>Ge-76

MAT 3243

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

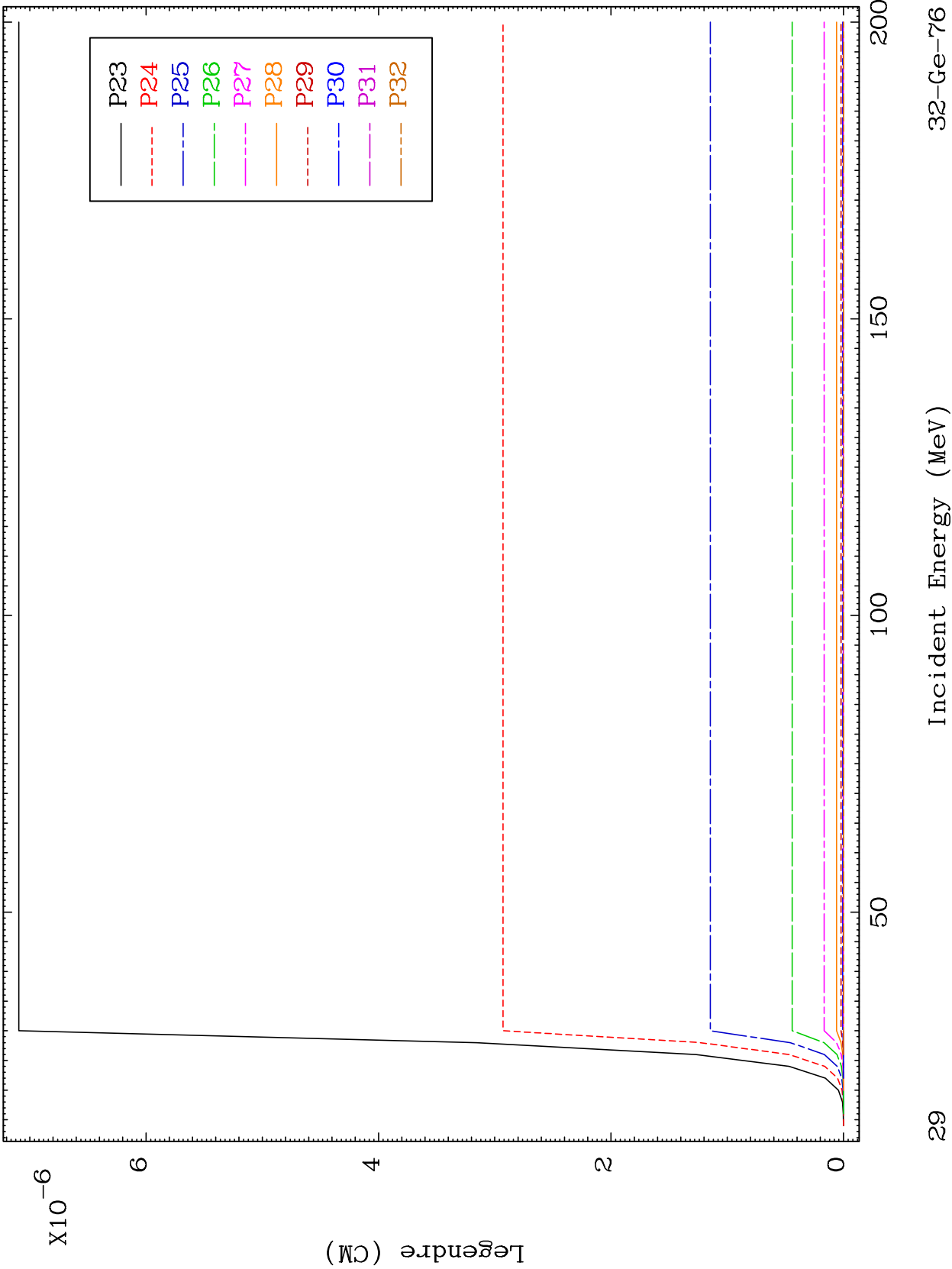
32-Ge-76



MAT 3243

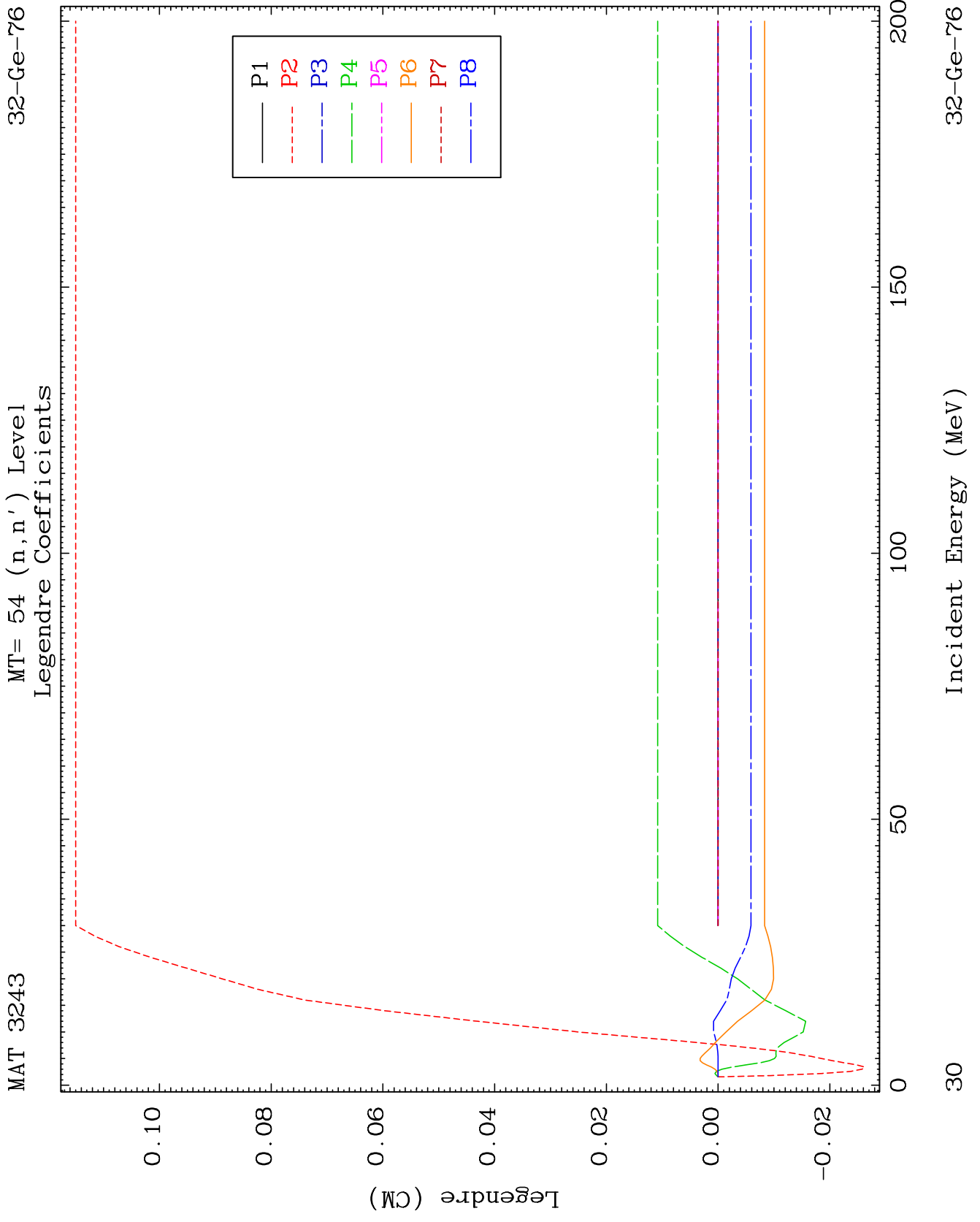
MT= 53 (n,n') Level  
Legendre Coefficients

32-Ge-76



29

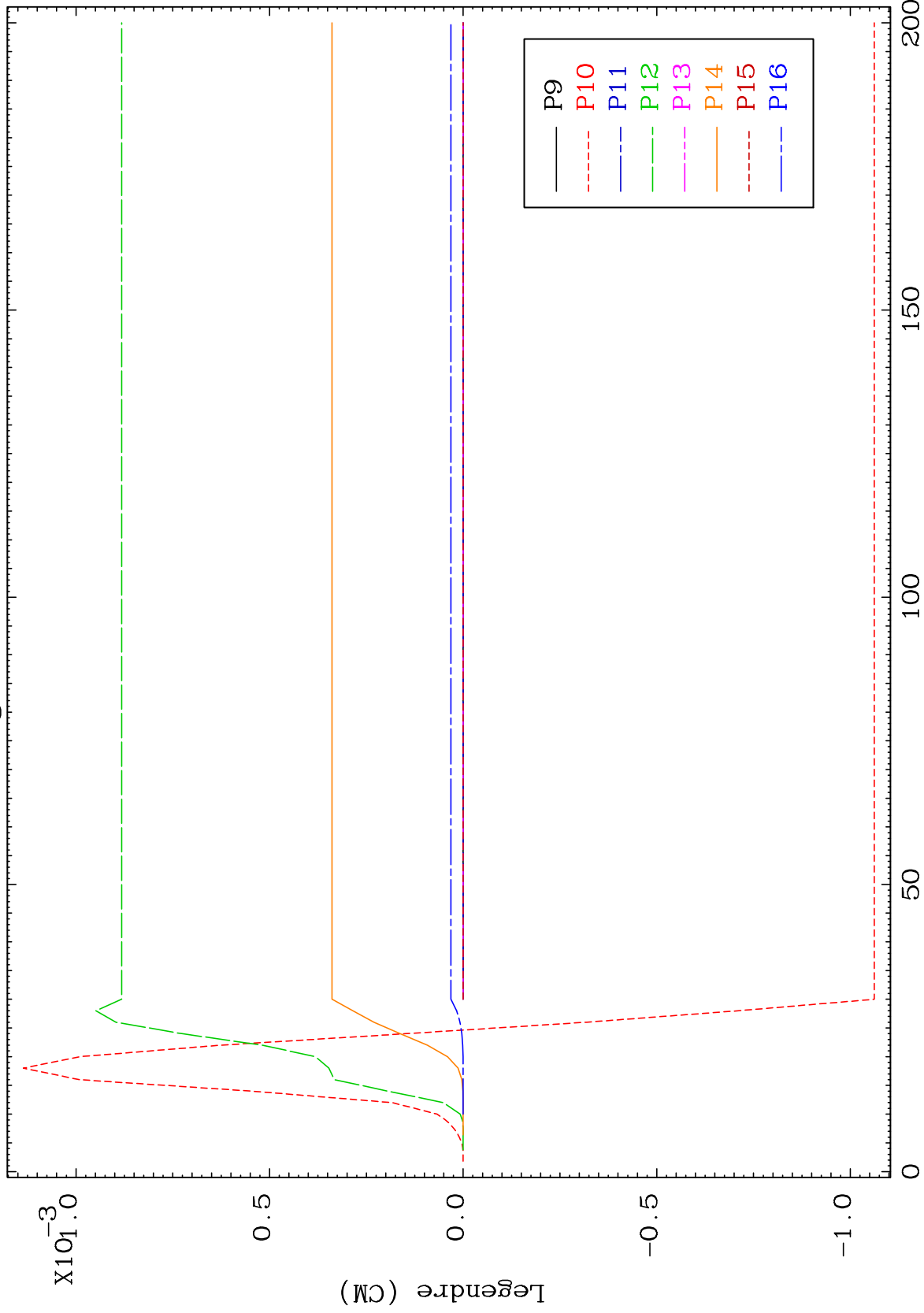
32-Ge-76



MAT 3243

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

32-Ge-76

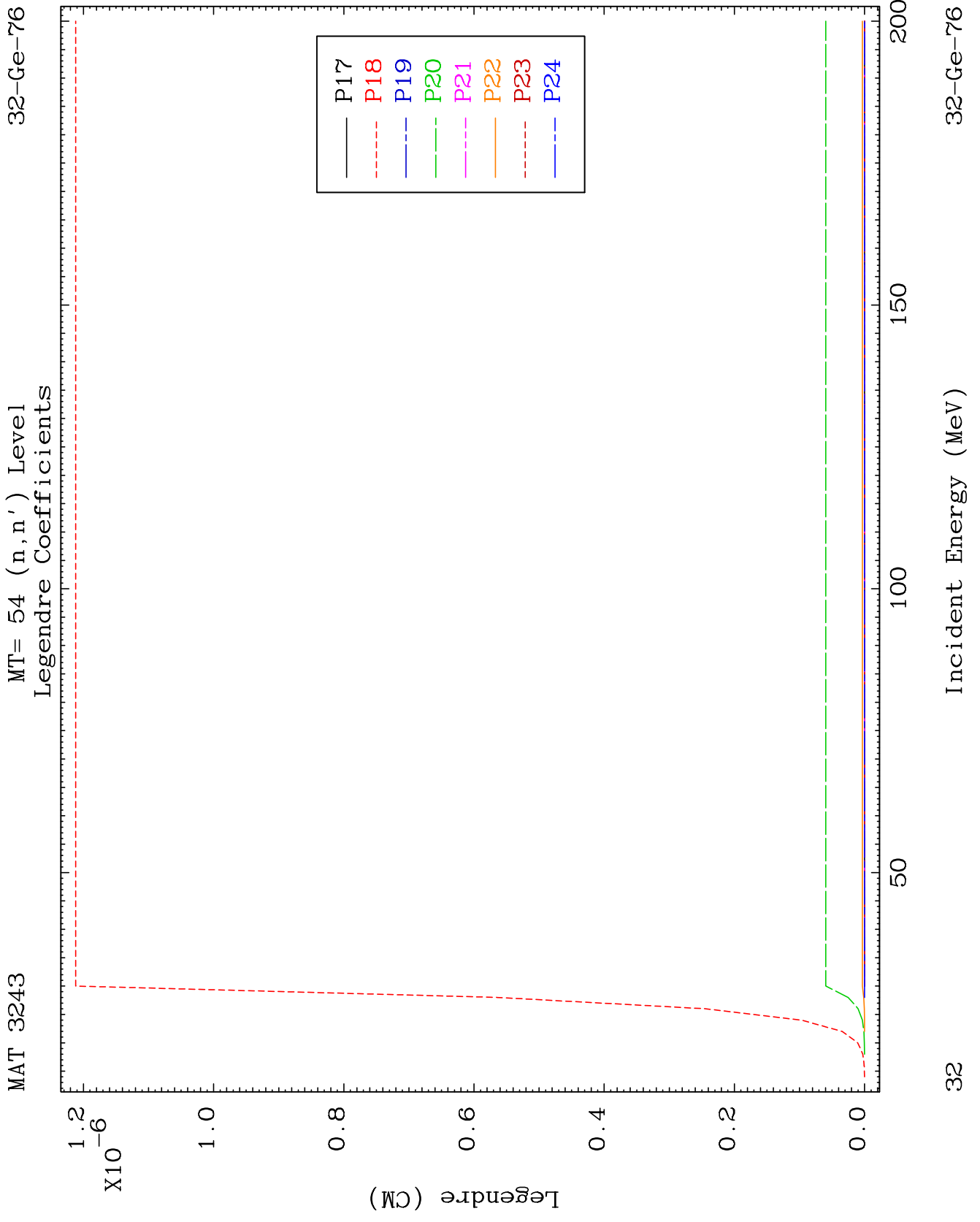


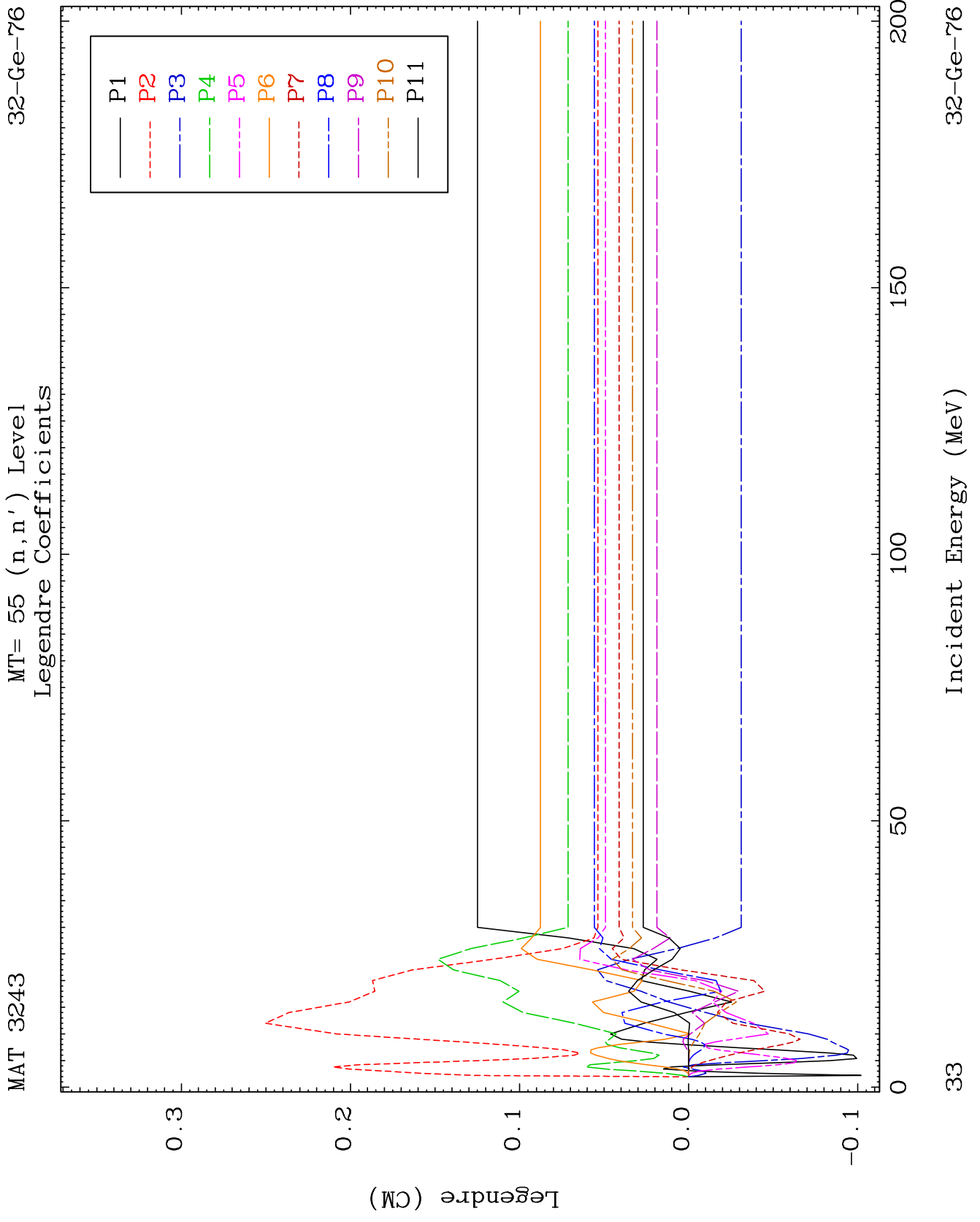
31

Incident Energy (MeV)

32-Ge-76



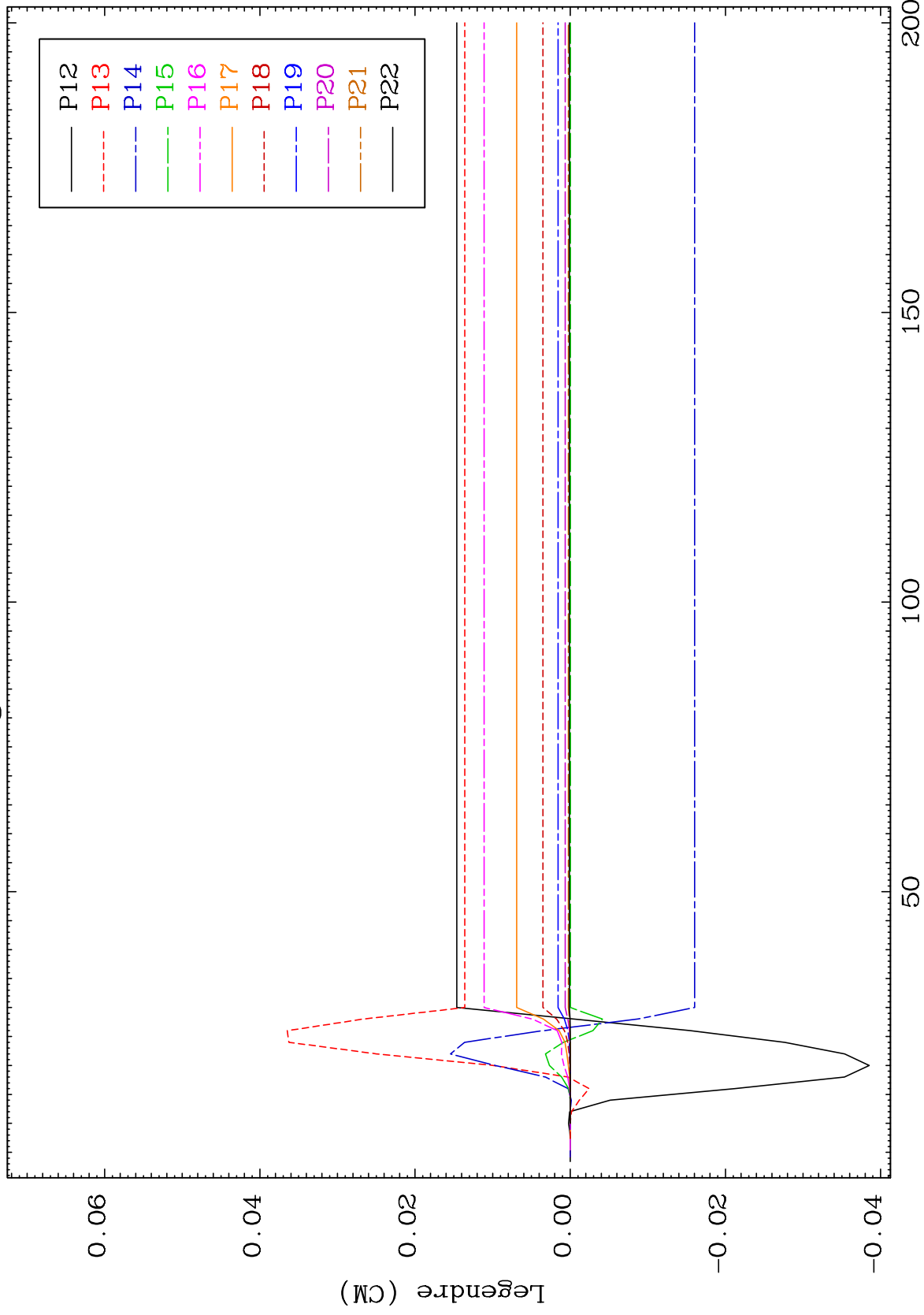




MAT 3243

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

32-Ge-76



34

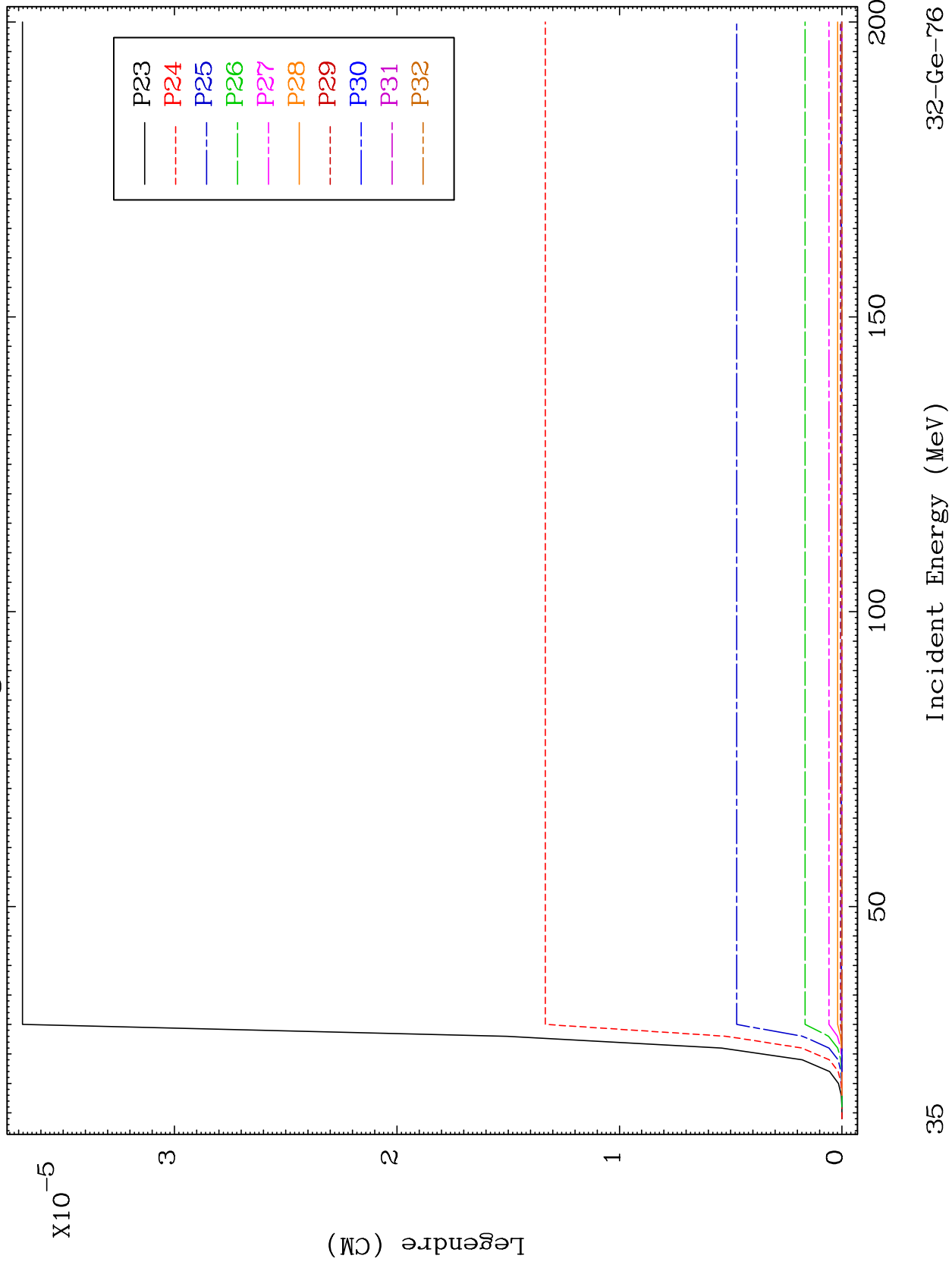
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



35

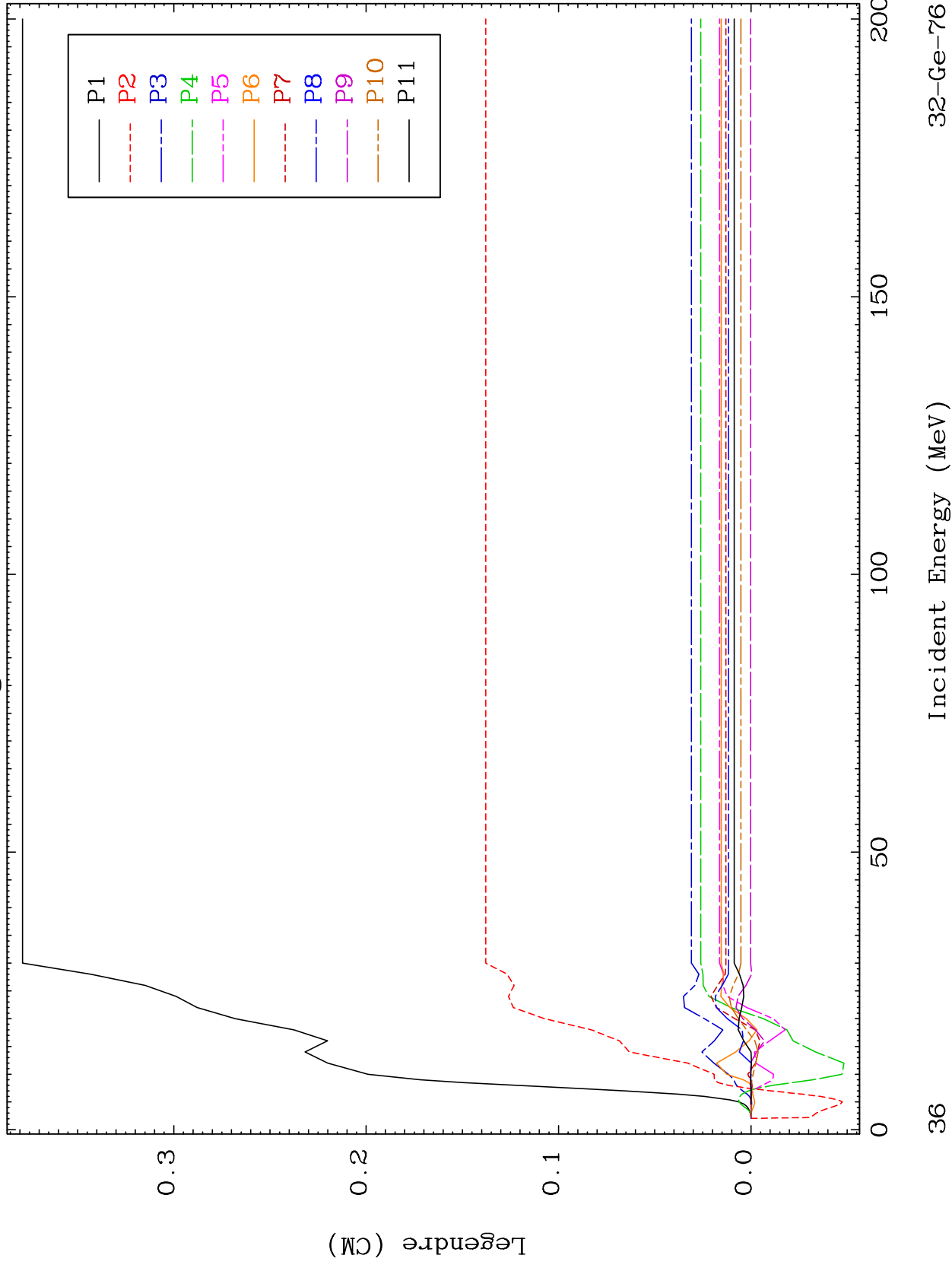
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



32-Ge-76

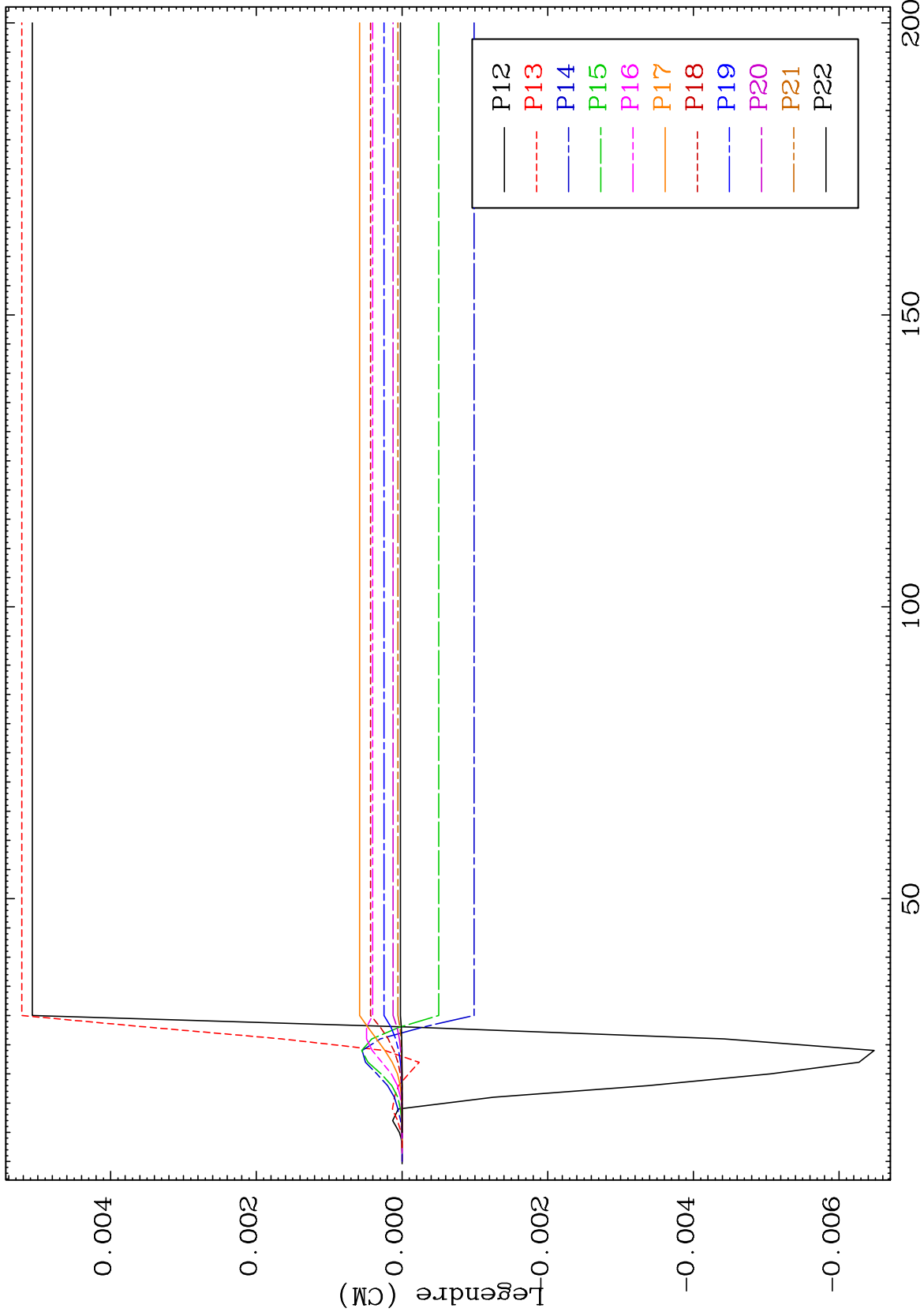
Incident Energy (MeV)

36

MAT 3243

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

32-Ge-76



37

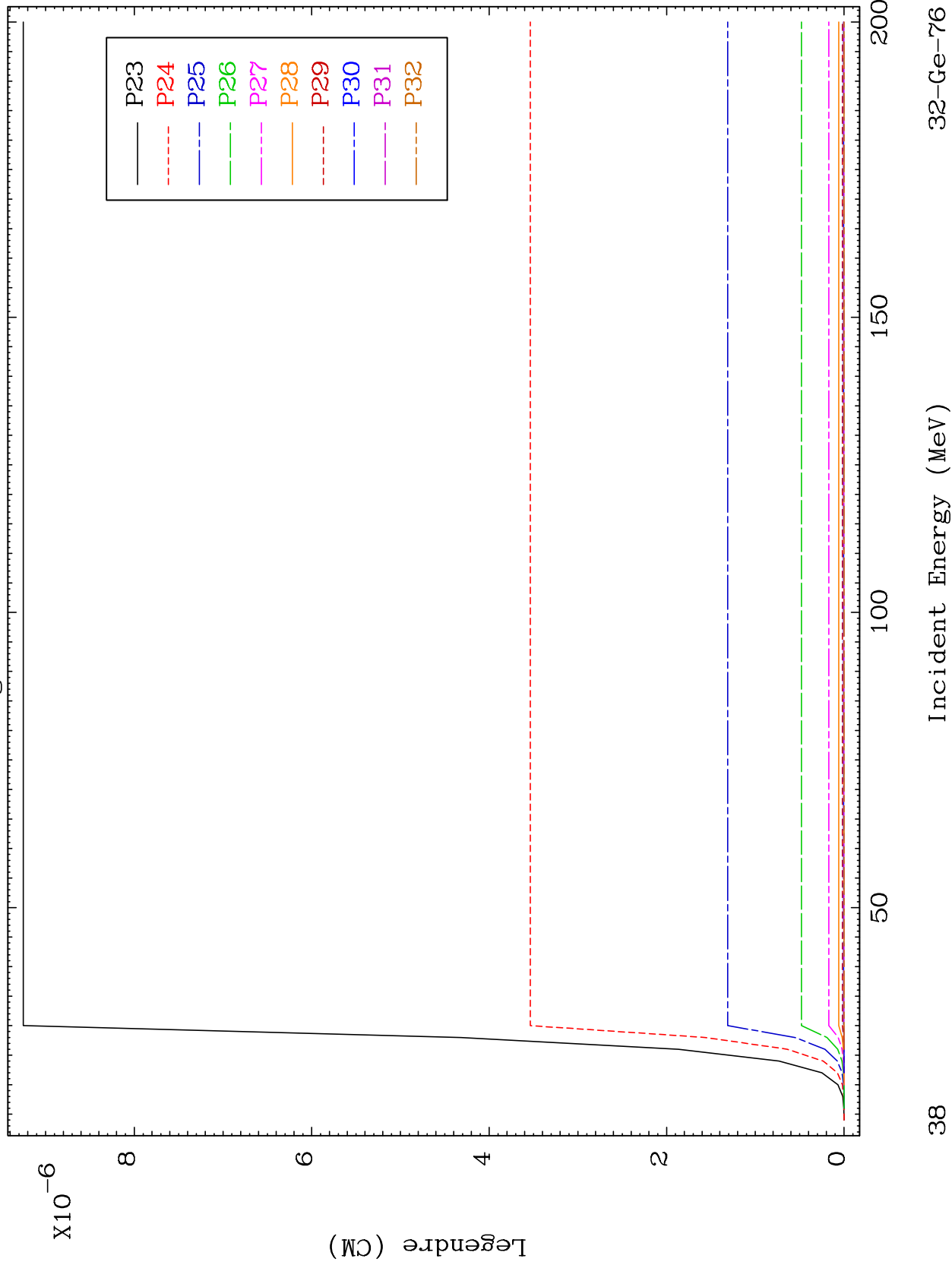
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

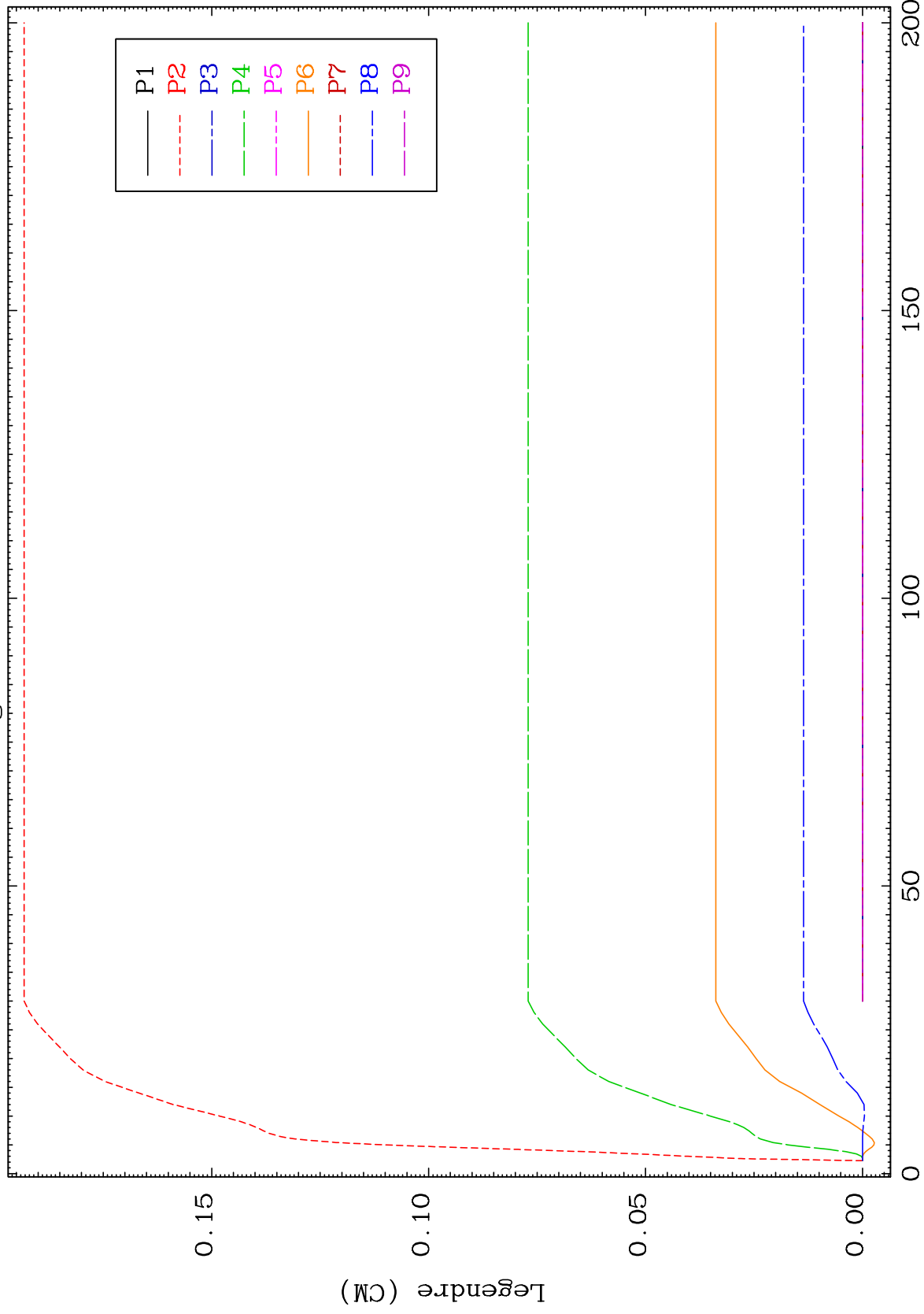
32-Ge-76



MAT 3243

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

32-Ge-76



39

Incident Energy (MeV)

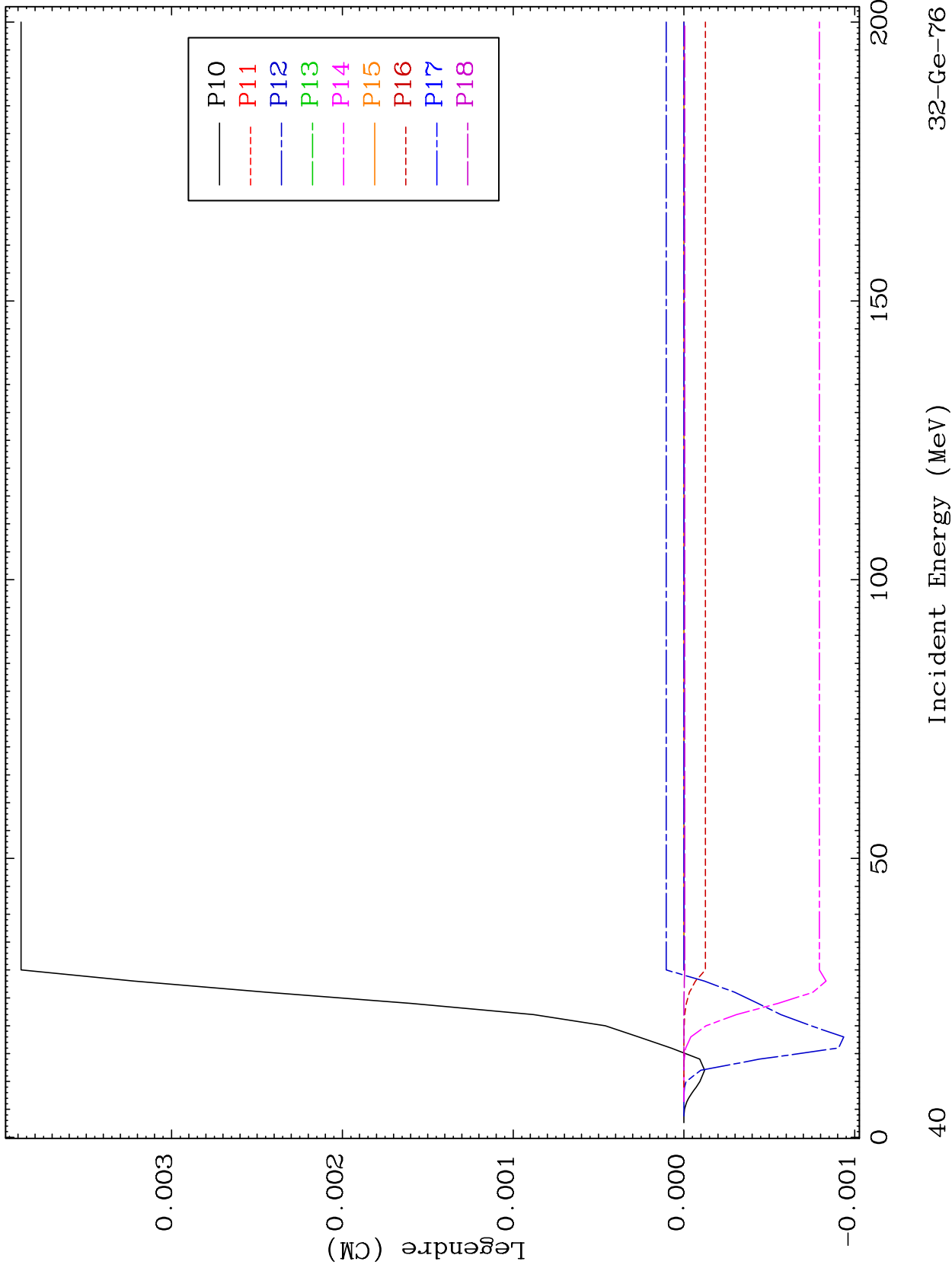
32-Ge-76



MAT 3243

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

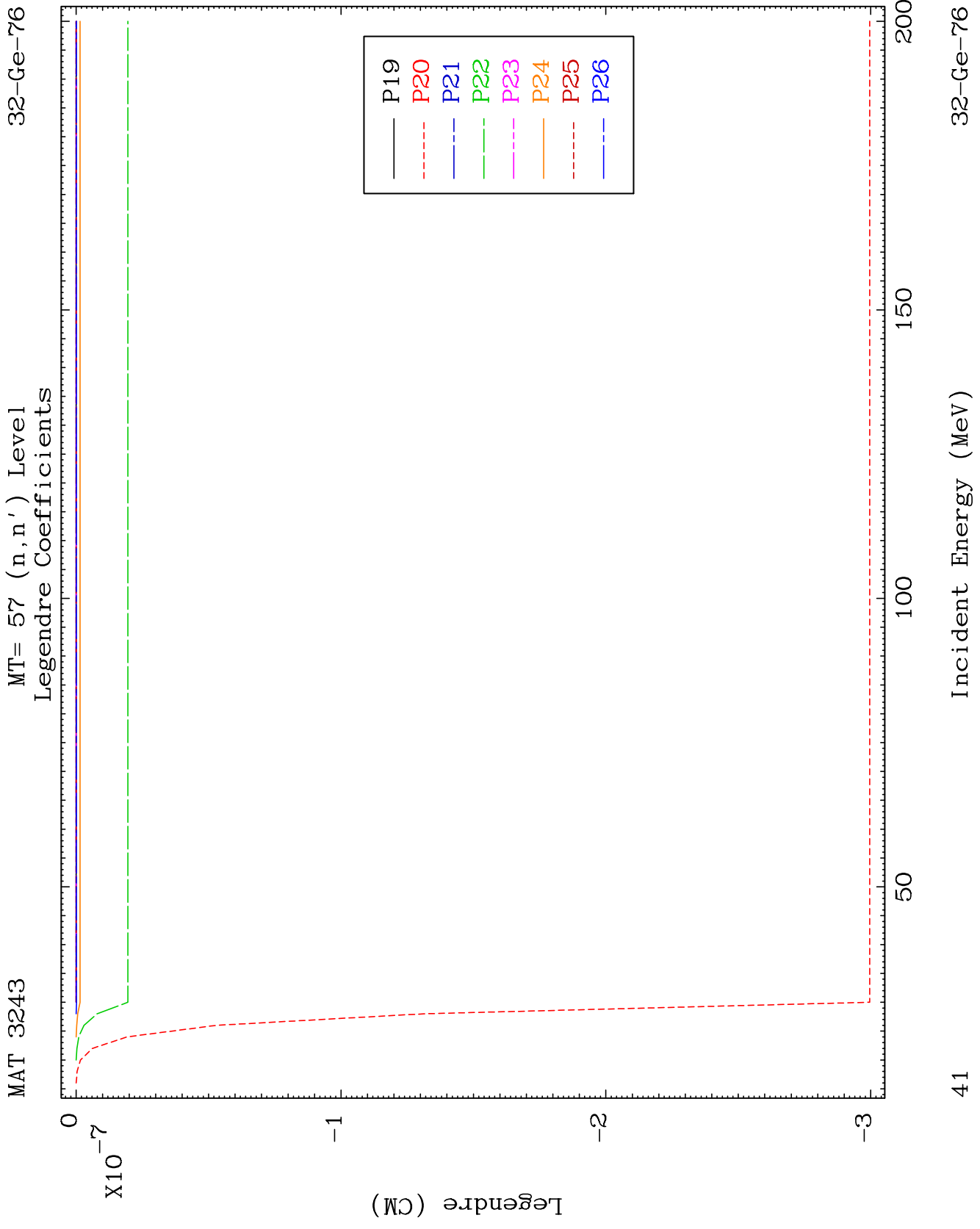
32-Ge-76



32-Ge-76

Incident Energy (MeV)

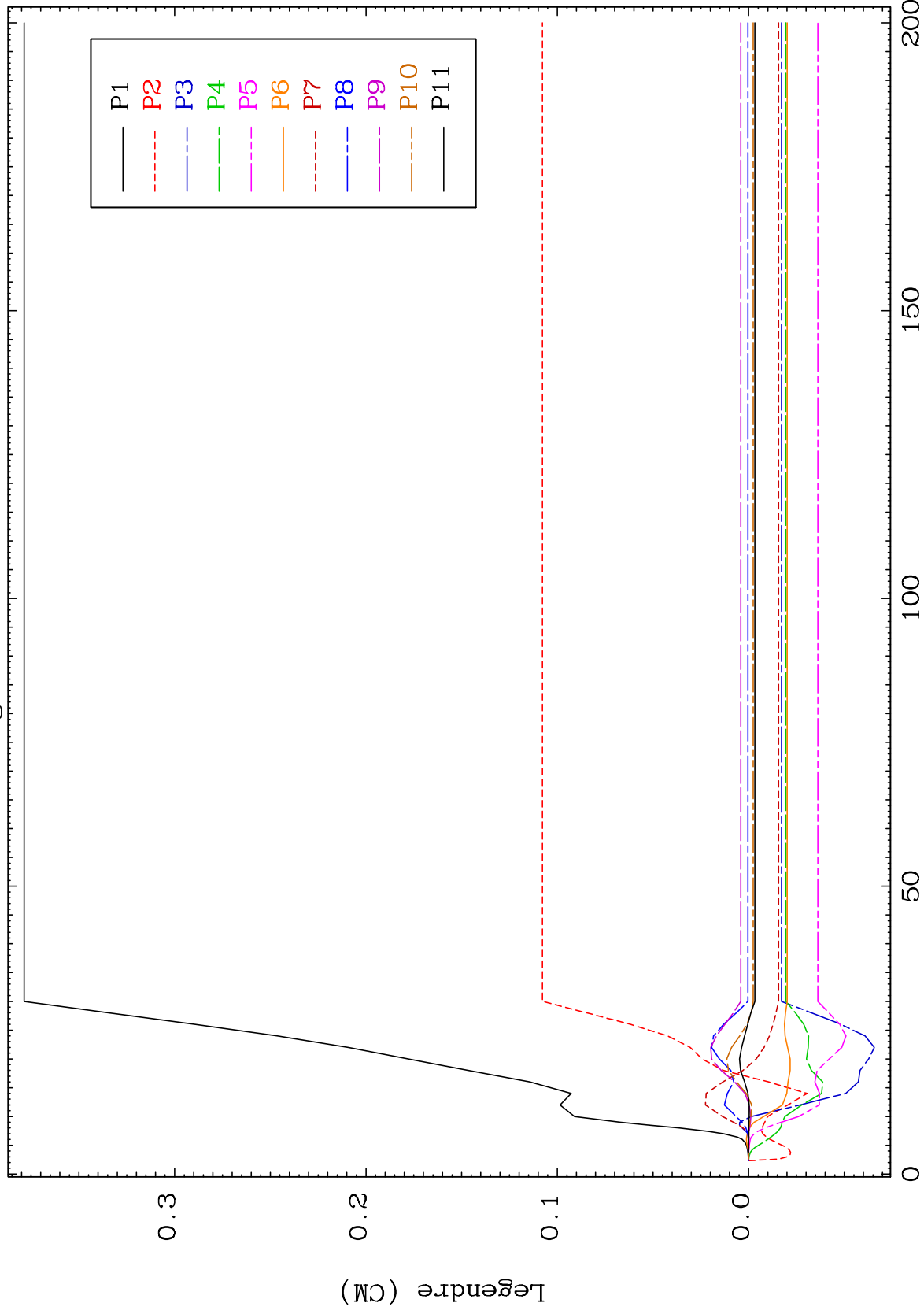
40



MAT 3243

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

32-Ge-76



42

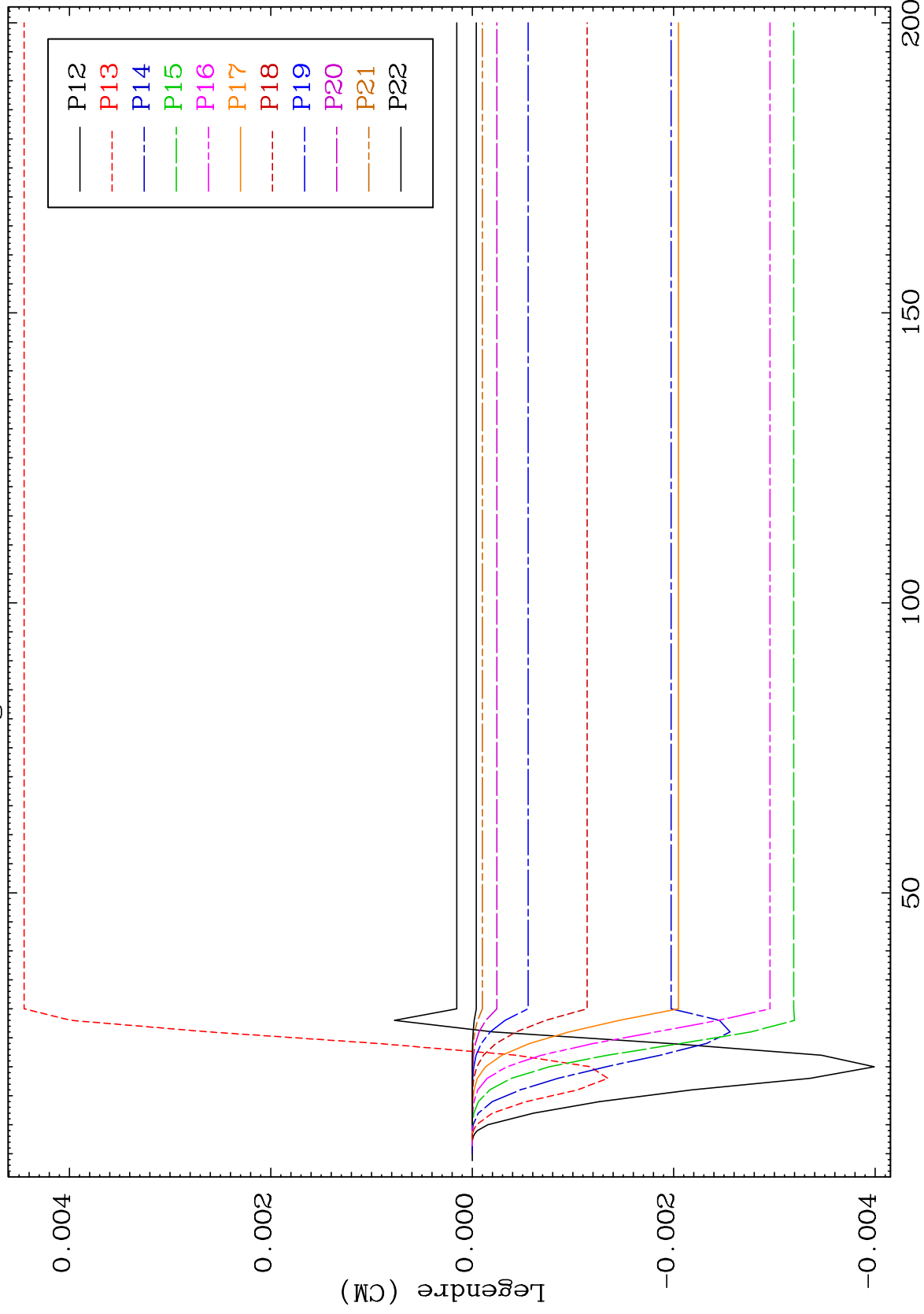
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

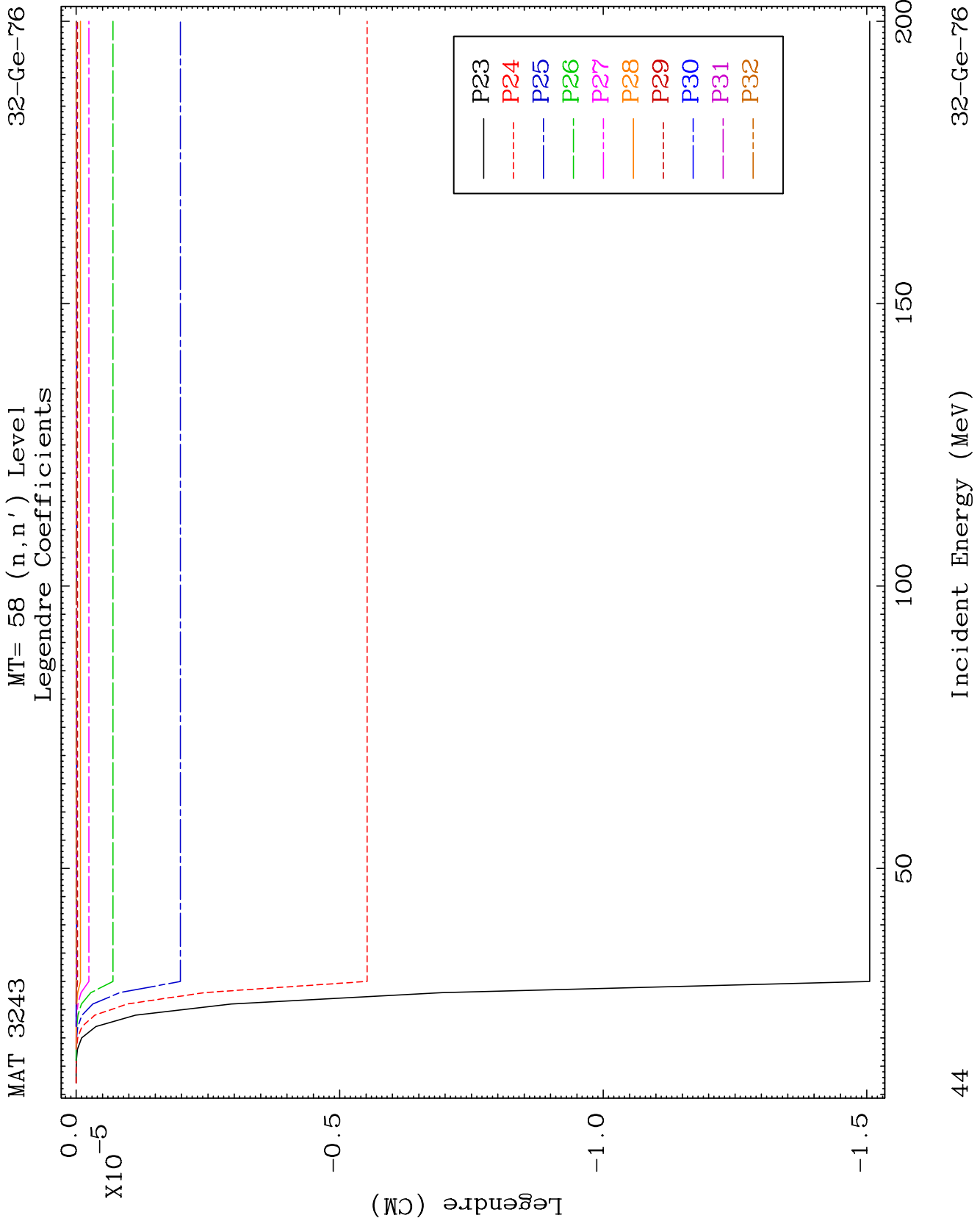
32-Ge-76



43

Incident Energy (MeV)

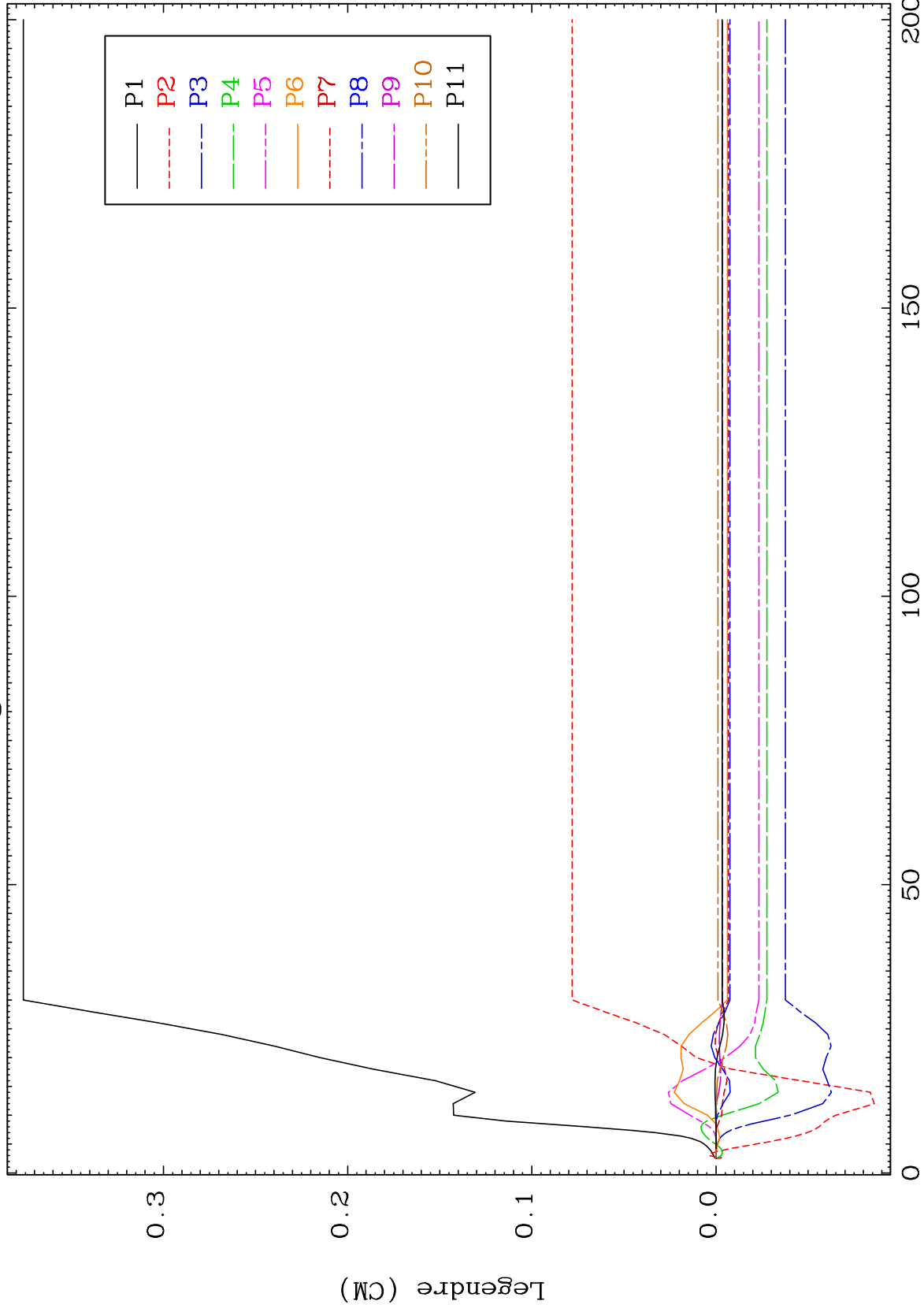
32-Ge-76



MAT 3243

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

32-Ge-76



45

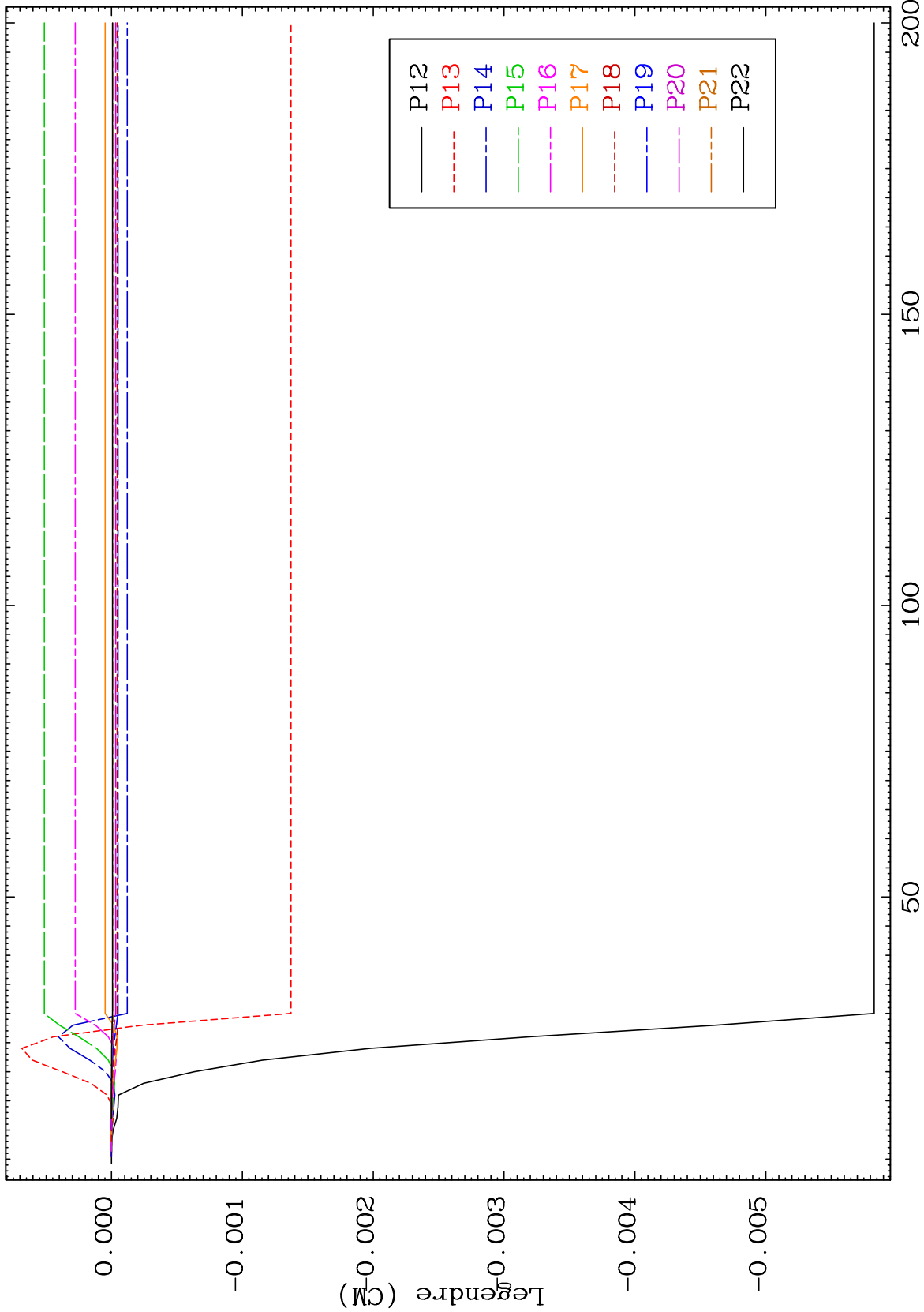
Incident Energy (MeV)

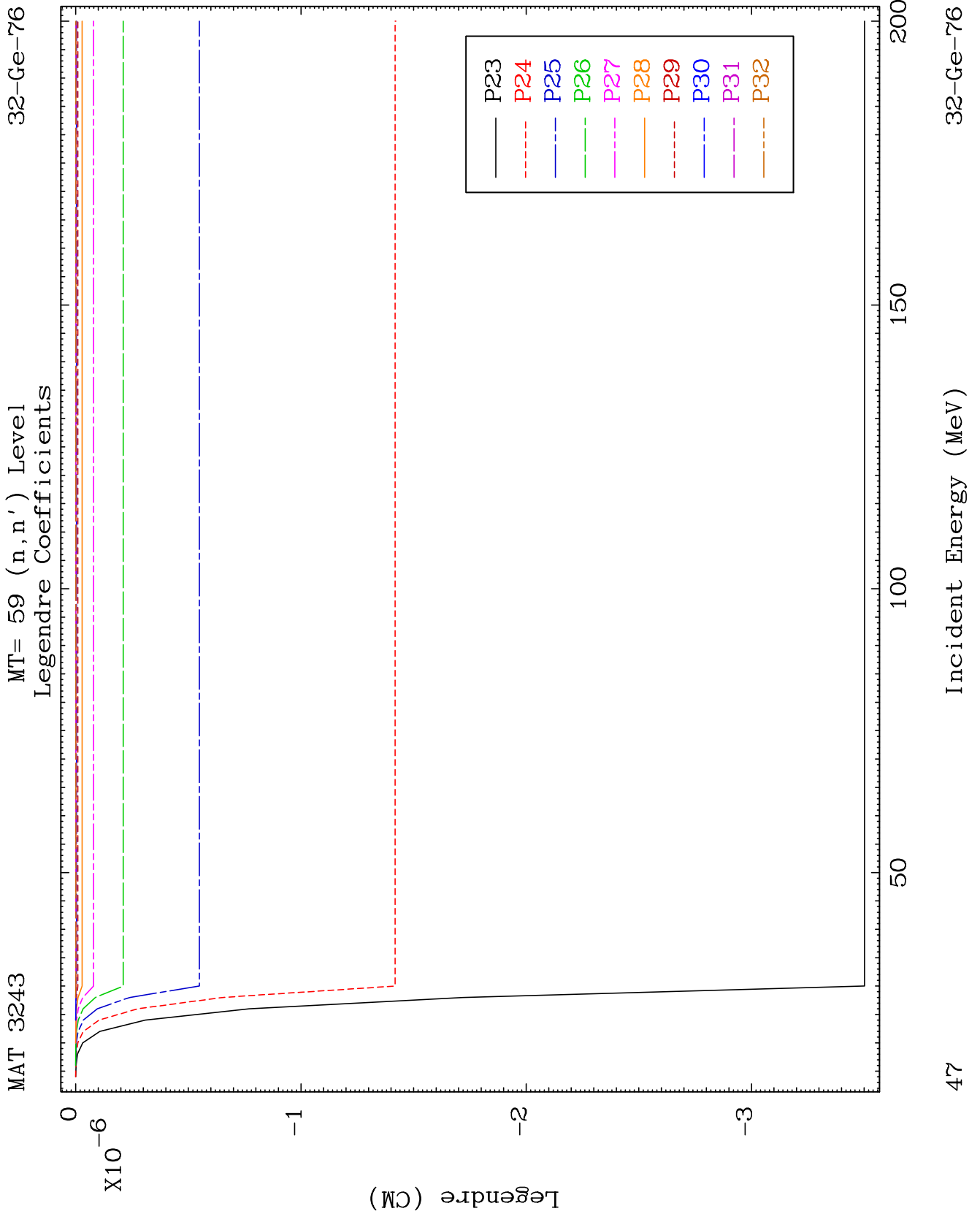
32-Ge-76

MAT 3243

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

32-Ge-76



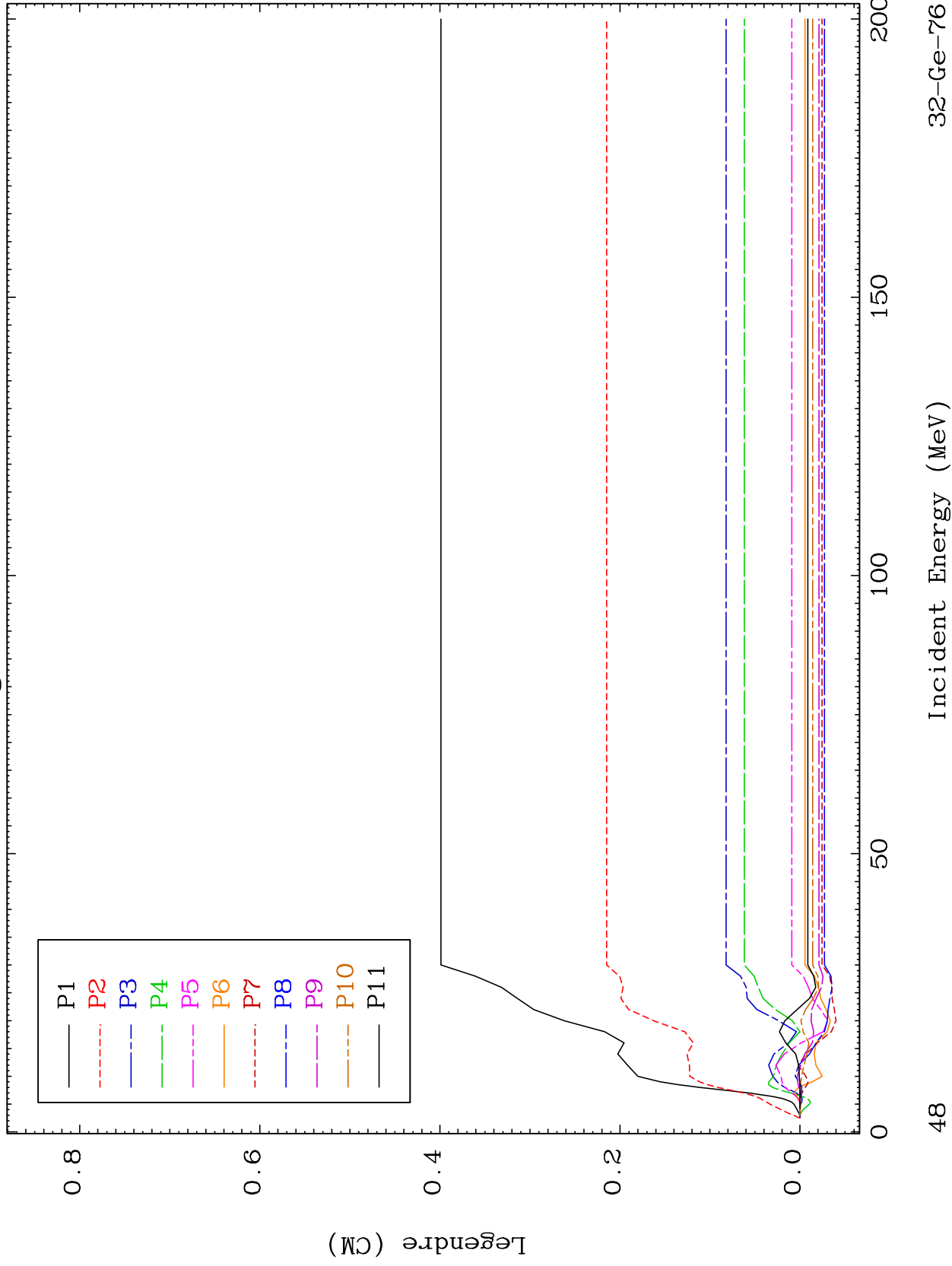




MAT 3243

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

<sup>32</sup>Ge-76



48

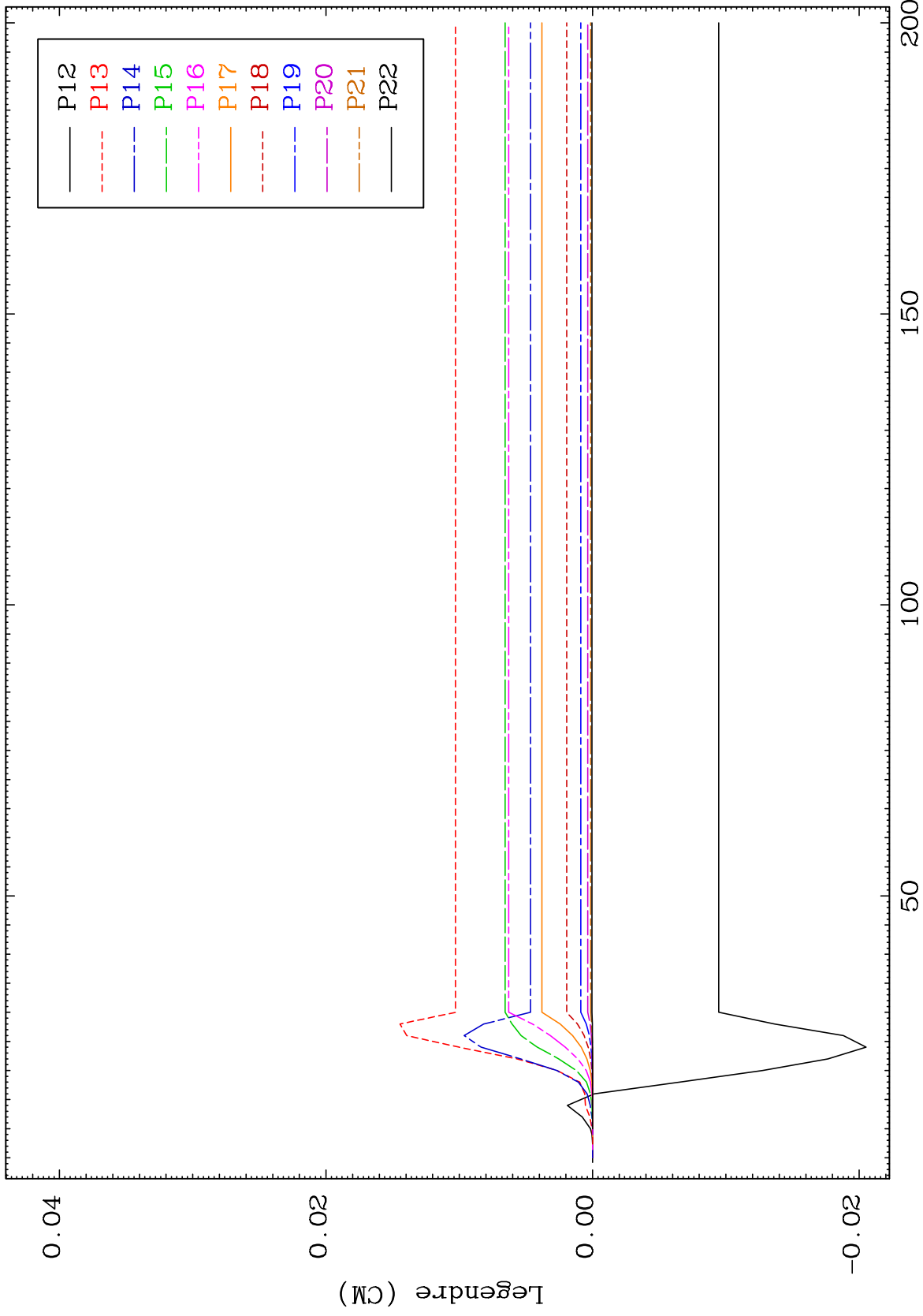
Incident Energy (MeV)

<sup>32</sup>Ge-76

MAT 3243

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

32-Ge-76



49

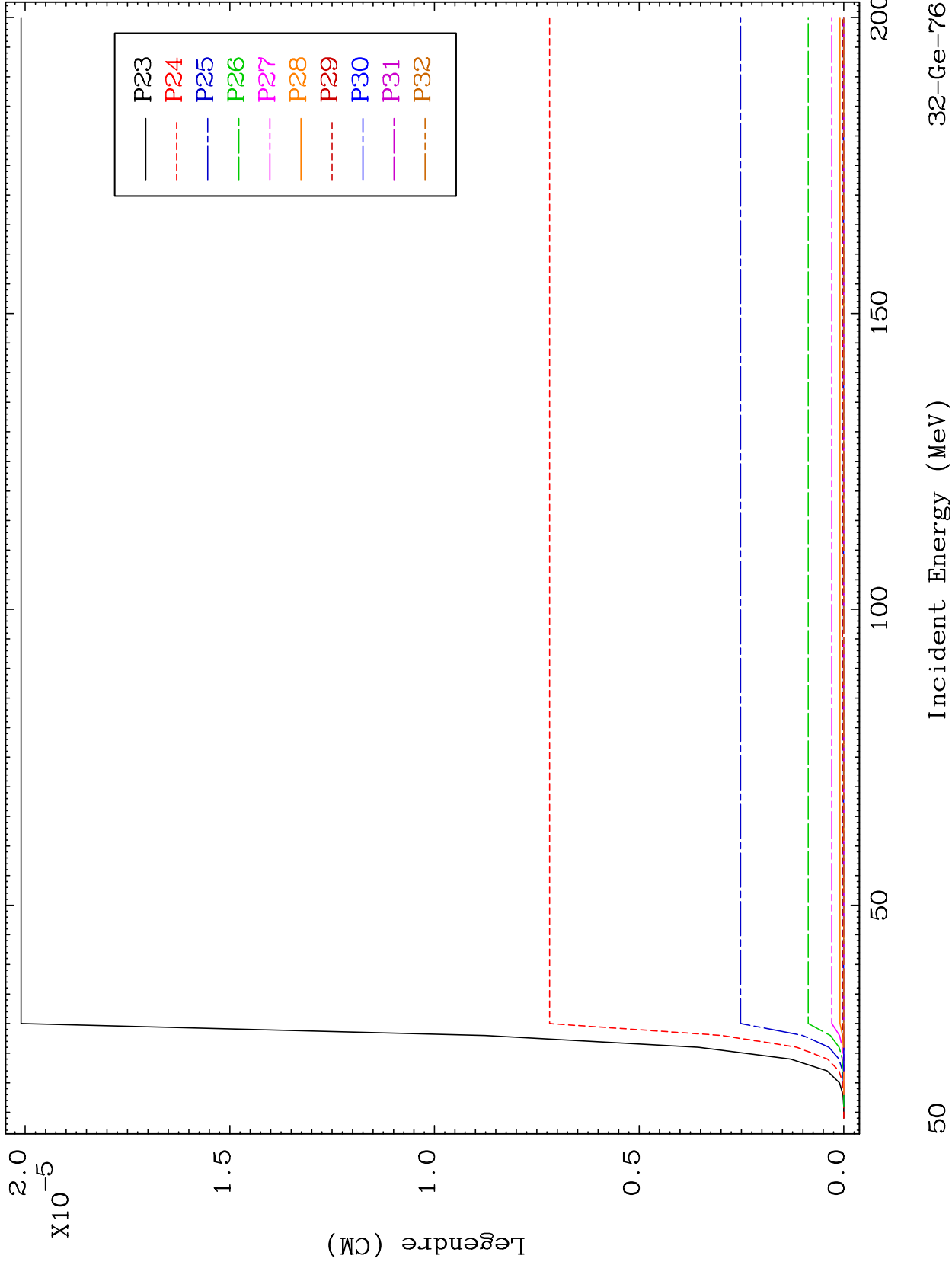
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

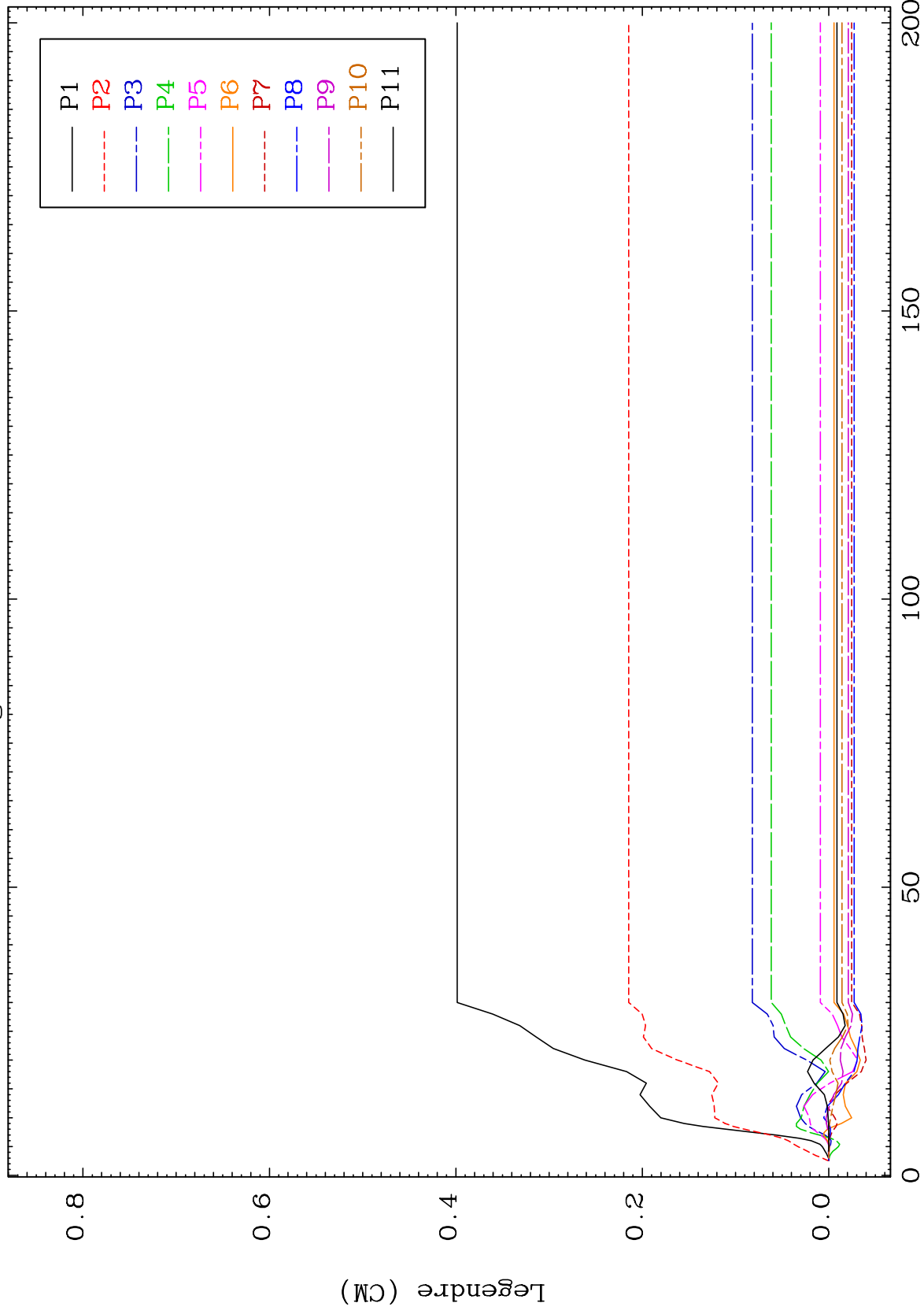
32-Ge-76



MAT 3243

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

32-Ge-76



51

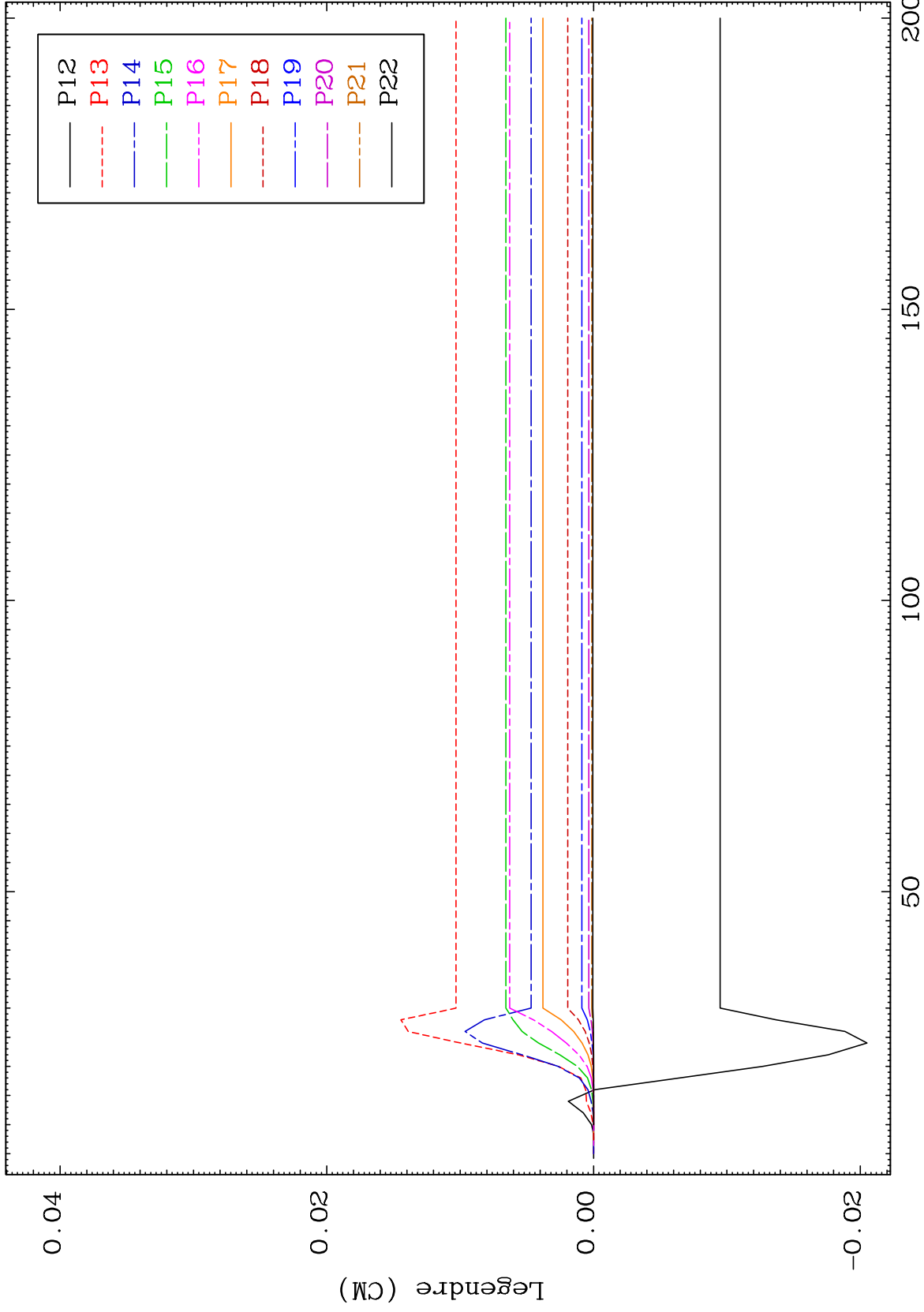
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



52

Incident Energy (MeV)

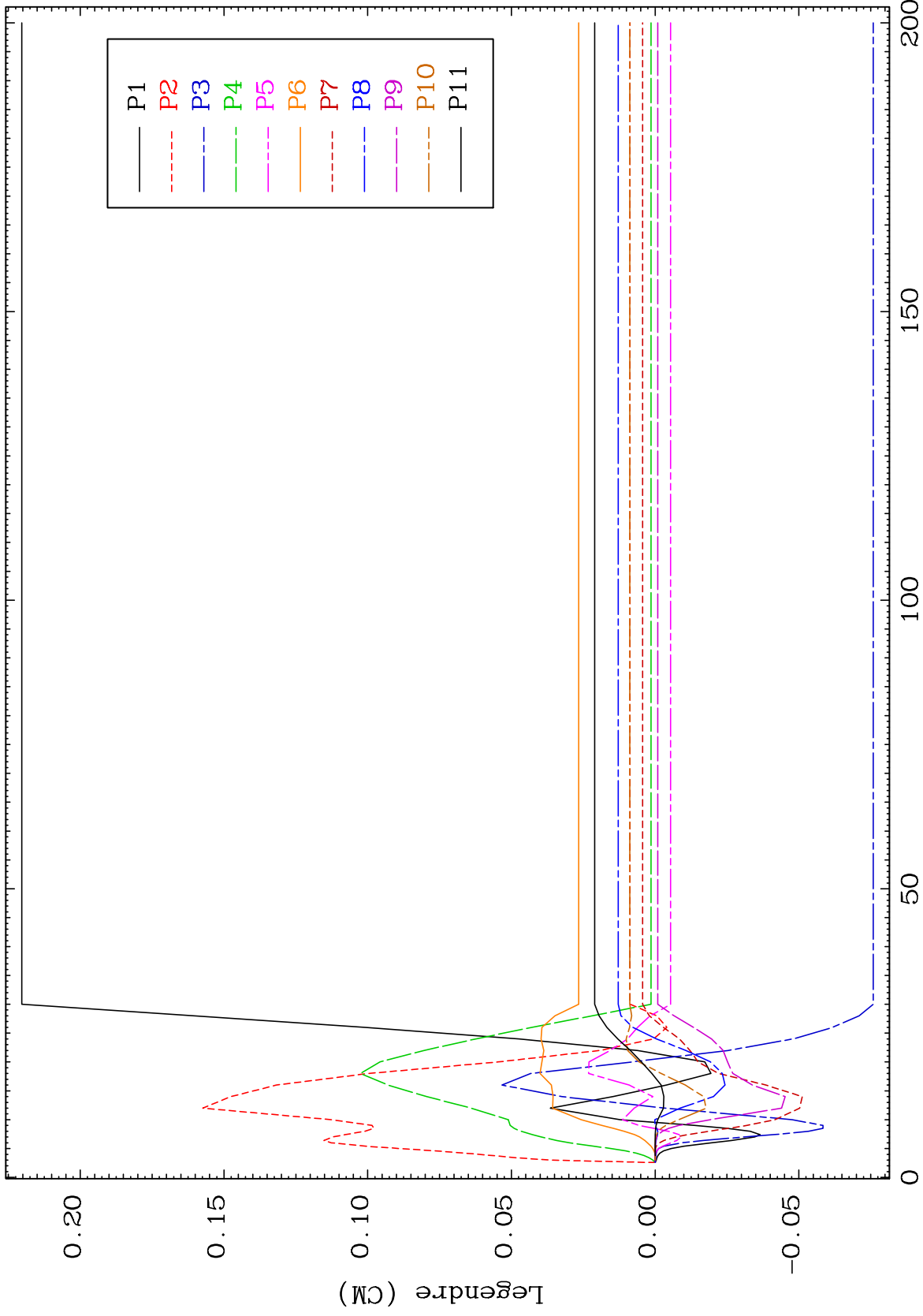
32-Ge-76



MAT 3243

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

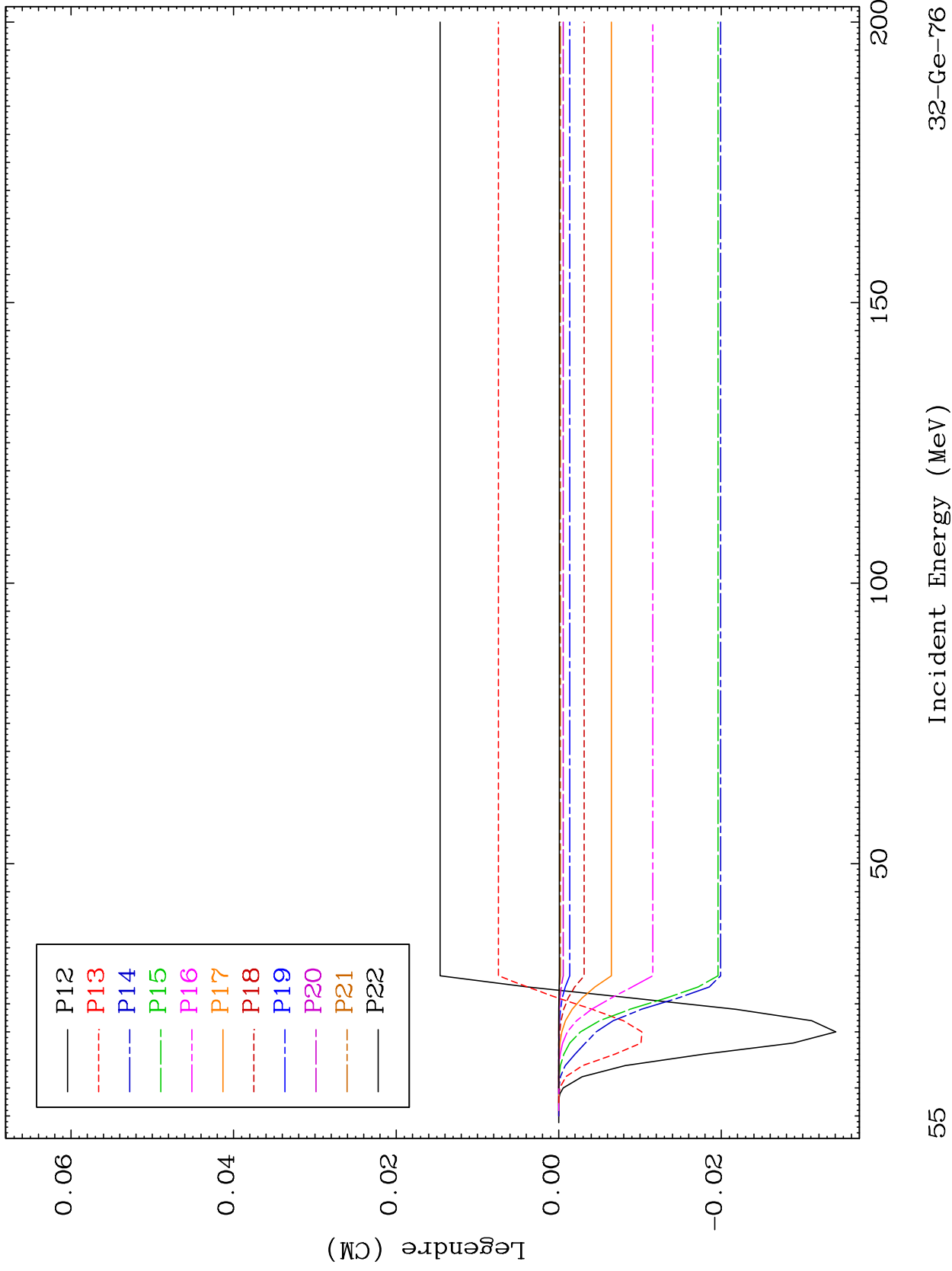
32-Ge-76



54

Incident Energy (MeV)

32-Ge-76

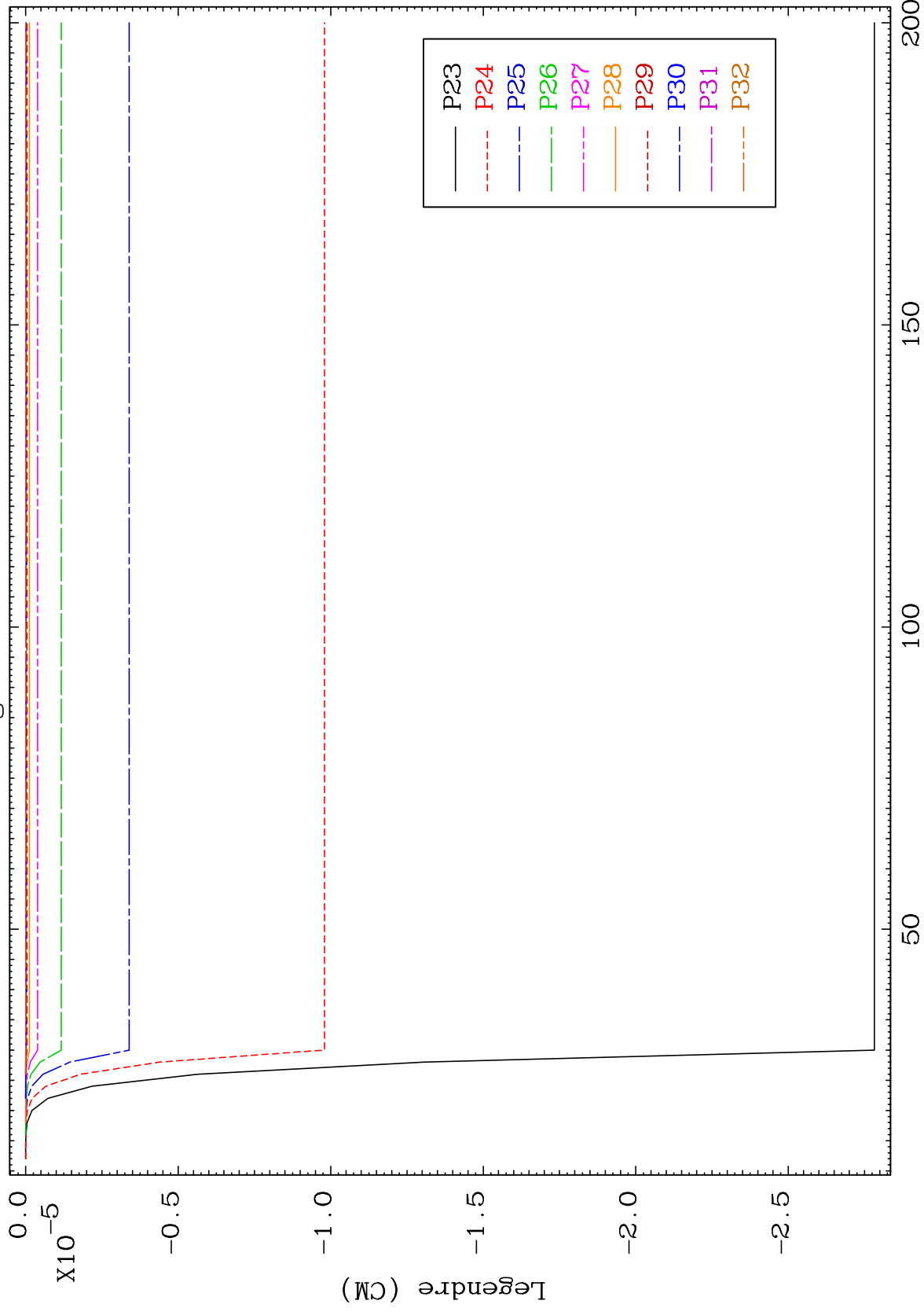




MAT 3243

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

32-Ge-76



32-Ge-76

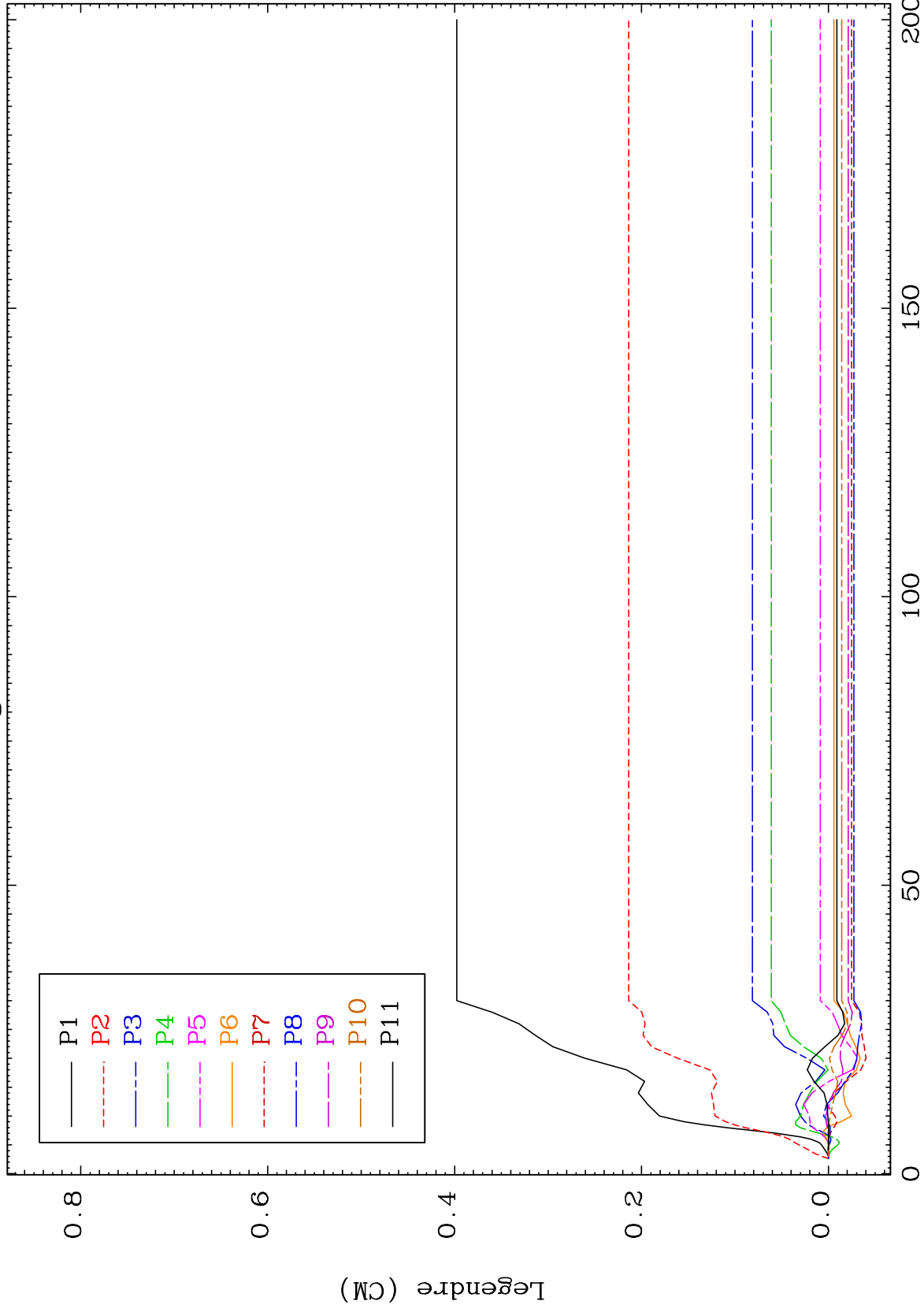
Incident Energy (MeV)

56

MAT 3243

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

32-Ge-76



57

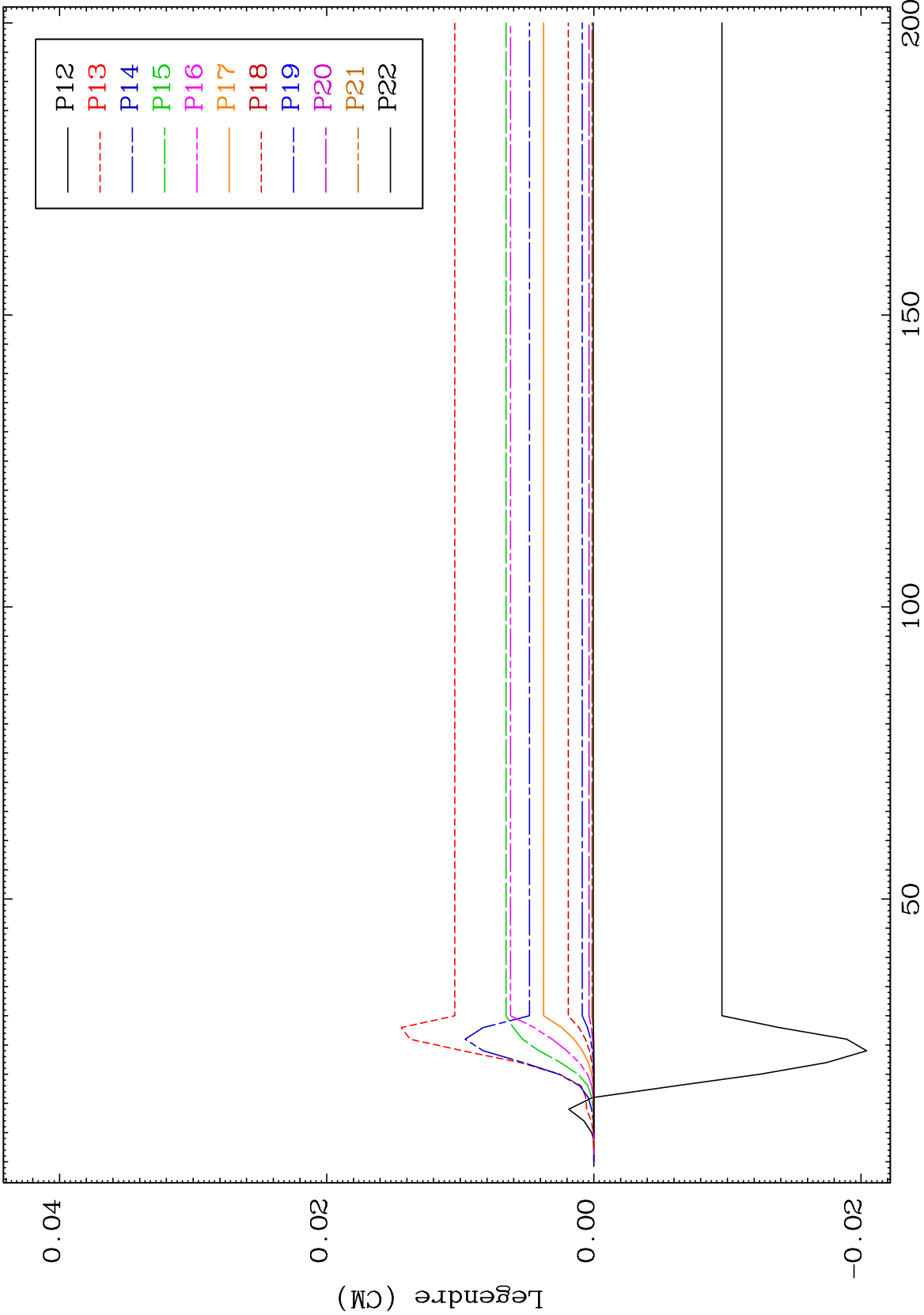
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



58

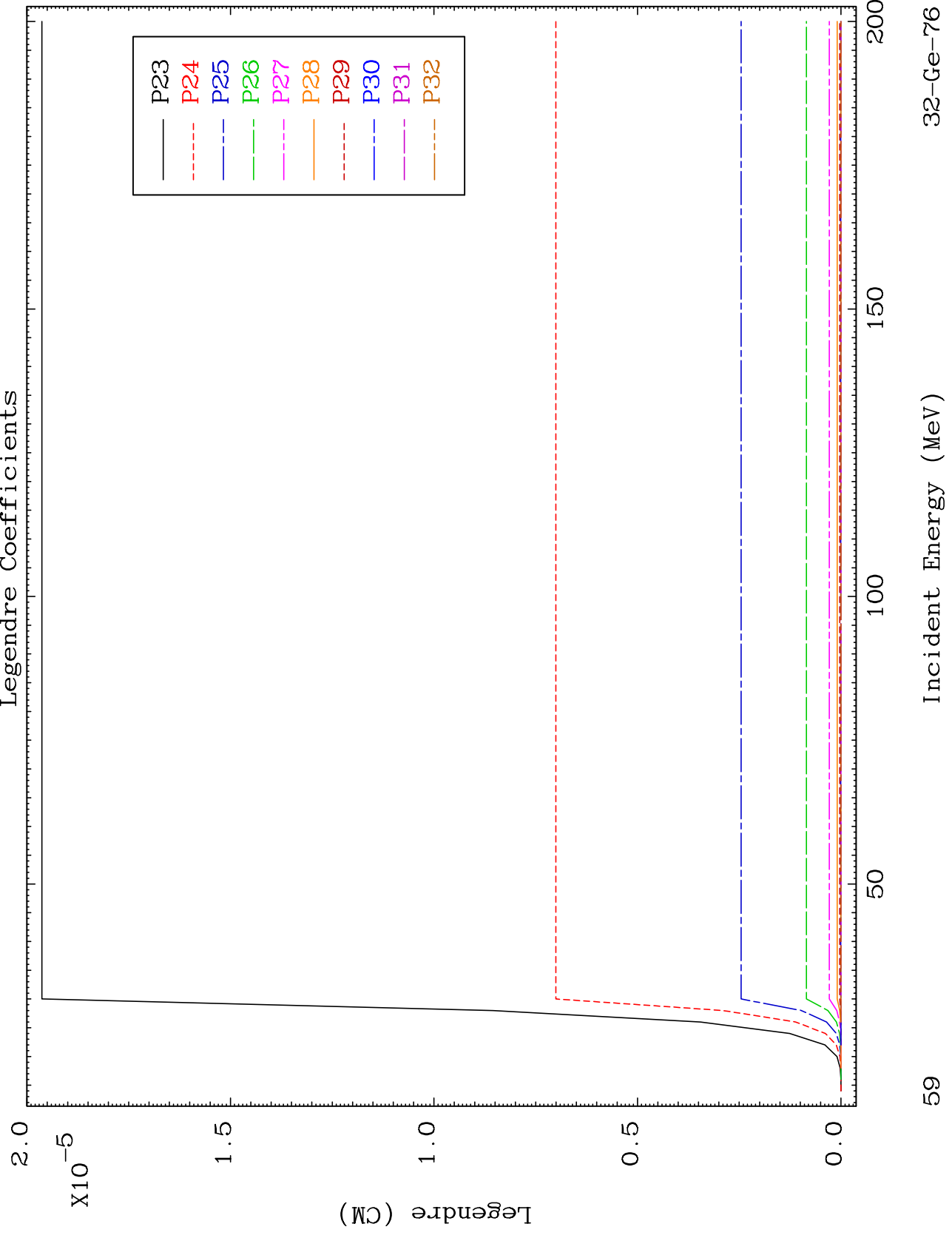
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



59

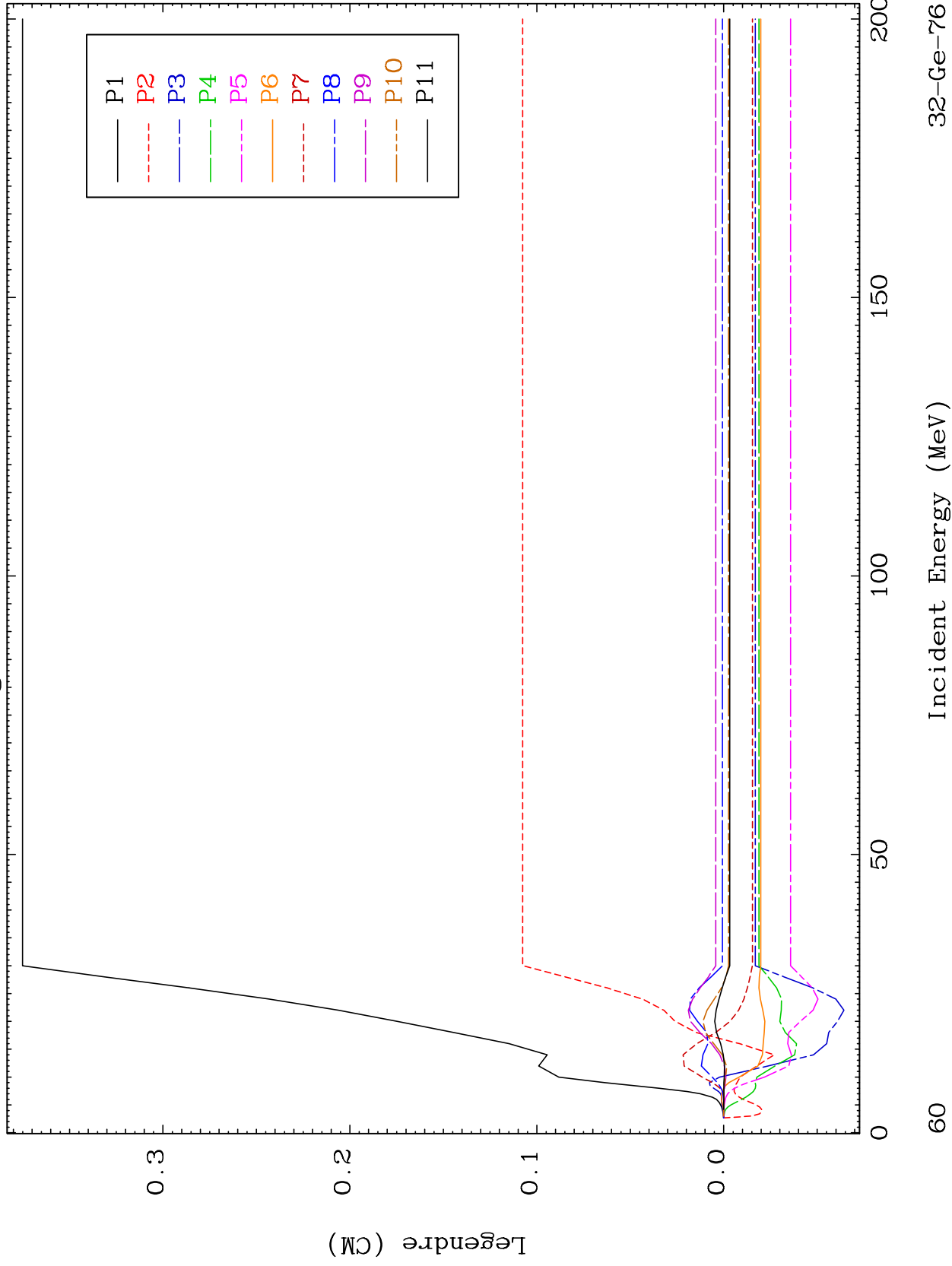
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



32-Ge-76

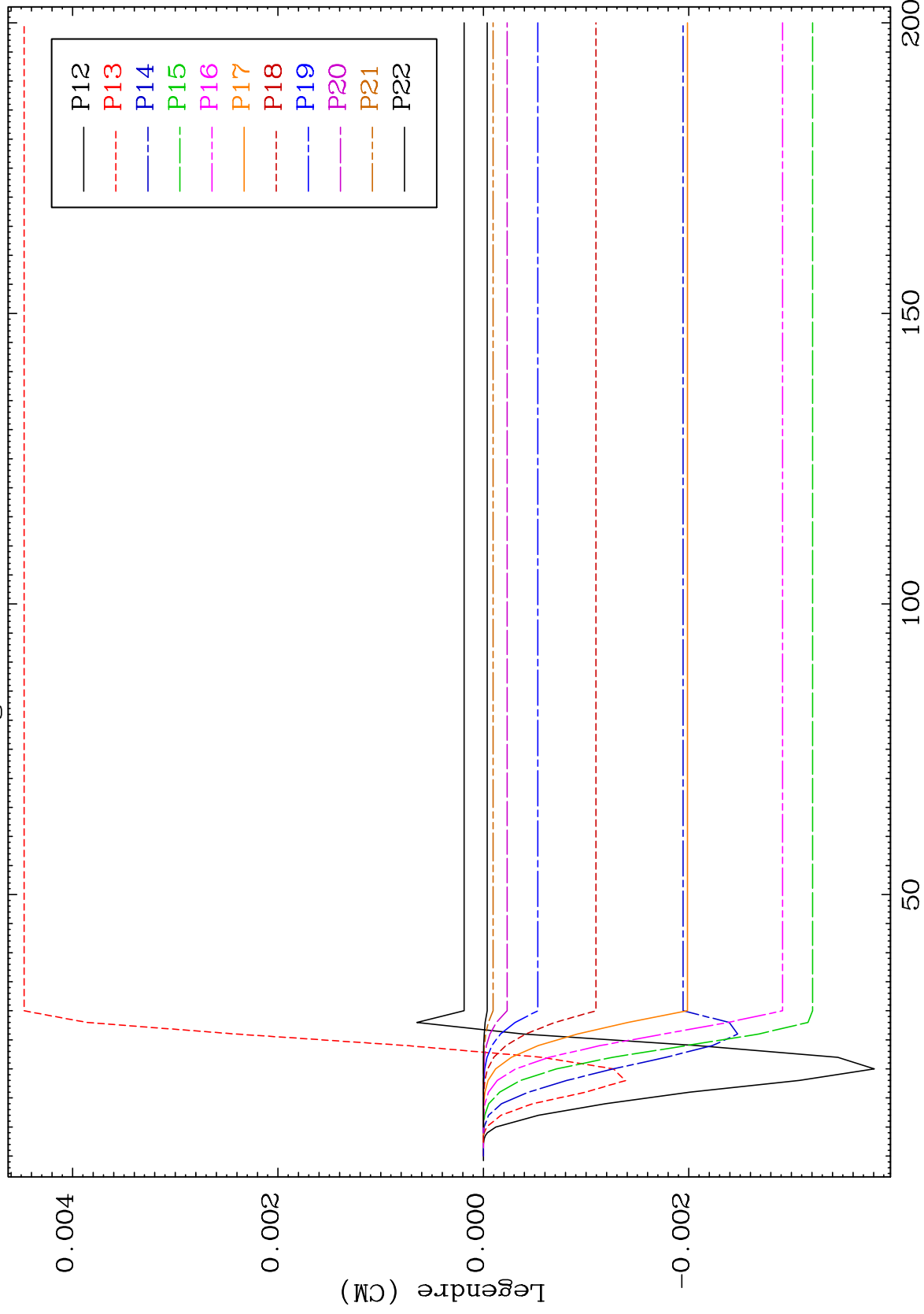
Incident Energy (MeV)

60

MAT 3243

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

32-Ge-76



61

Incident Energy (MeV)

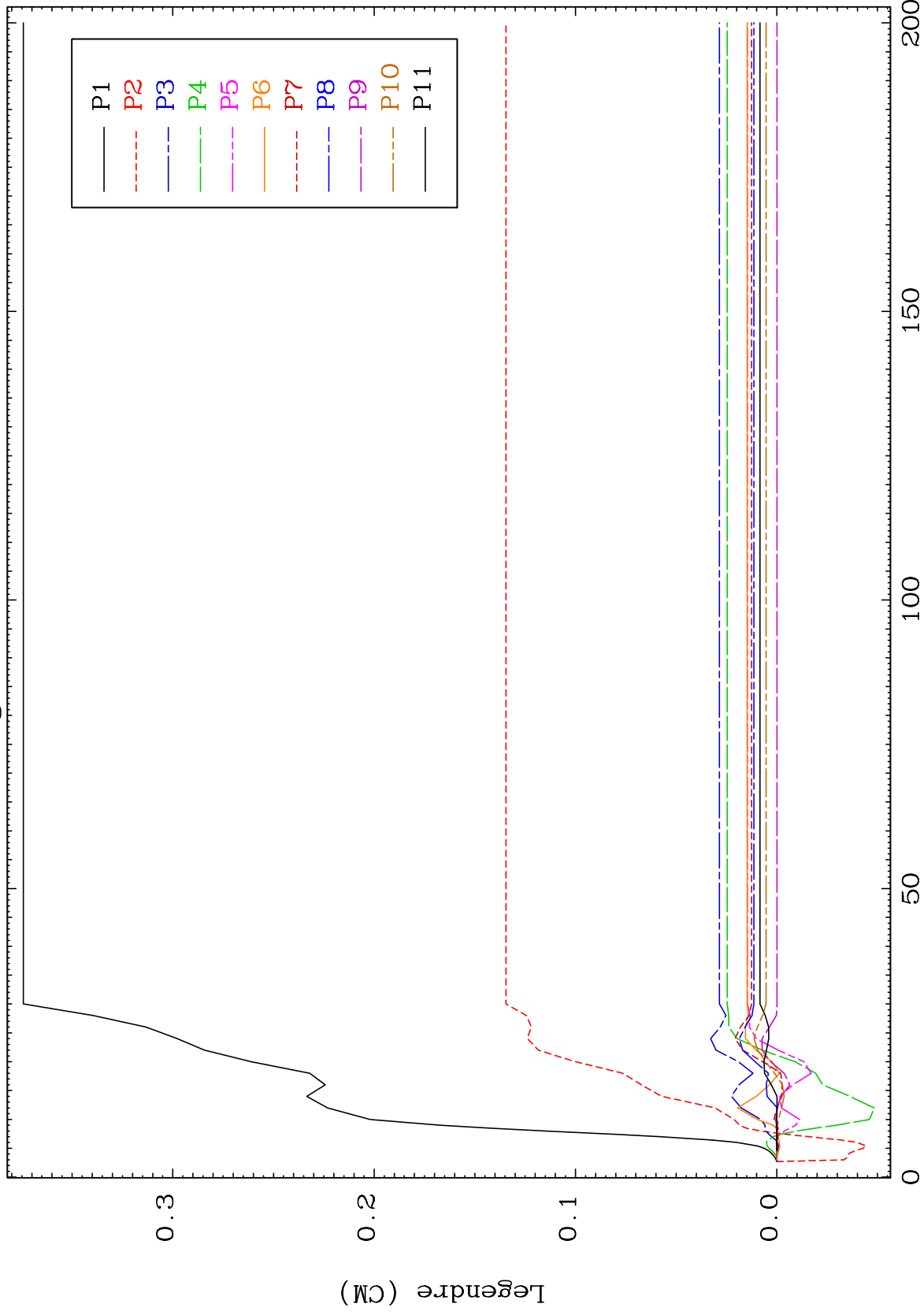
32-Ge-76



MAT 3243

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

32-Ge-76



63

Incident Energy (MeV)

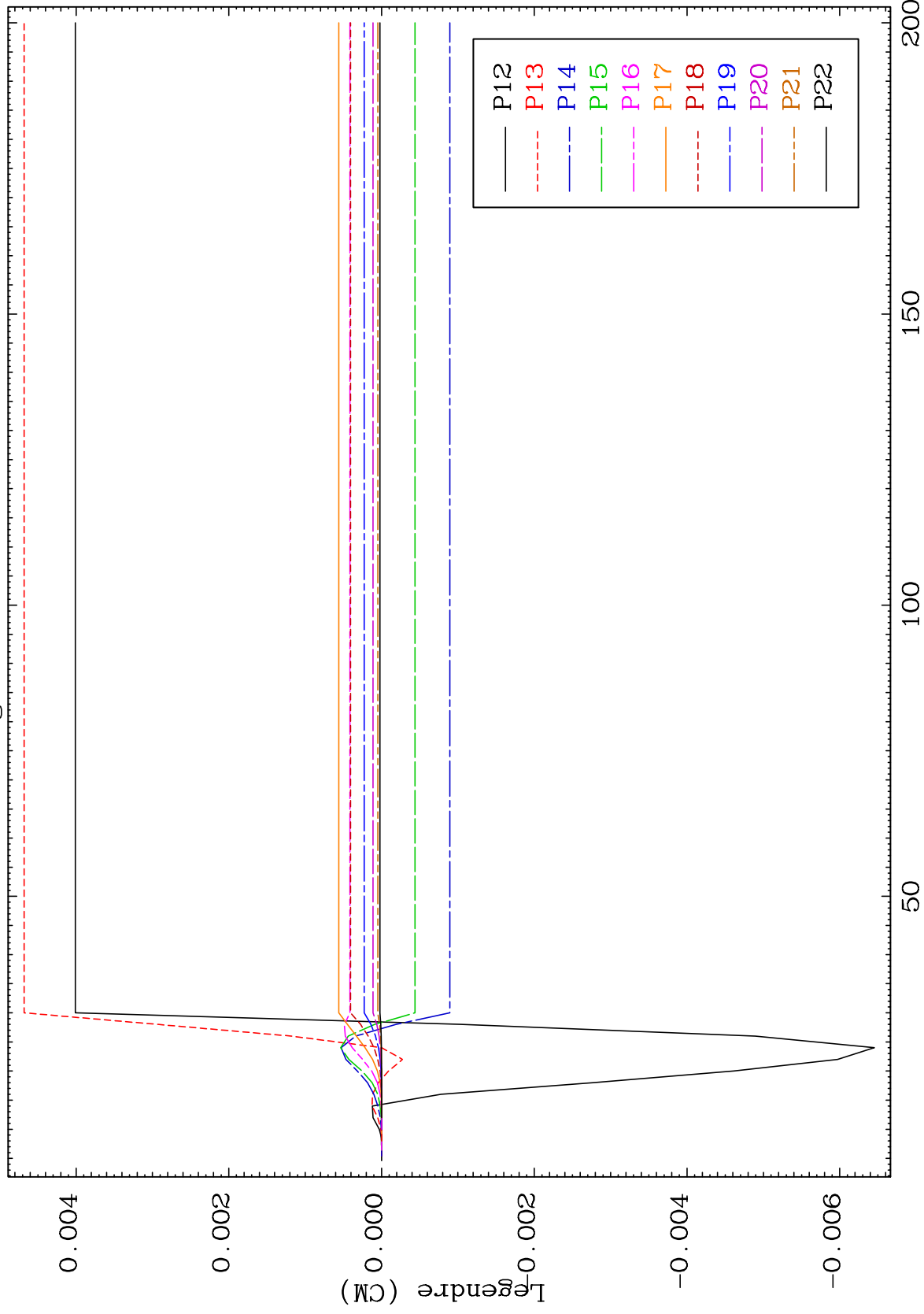
32-Ge-76



MAT 3243

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

32-Ge-76



64

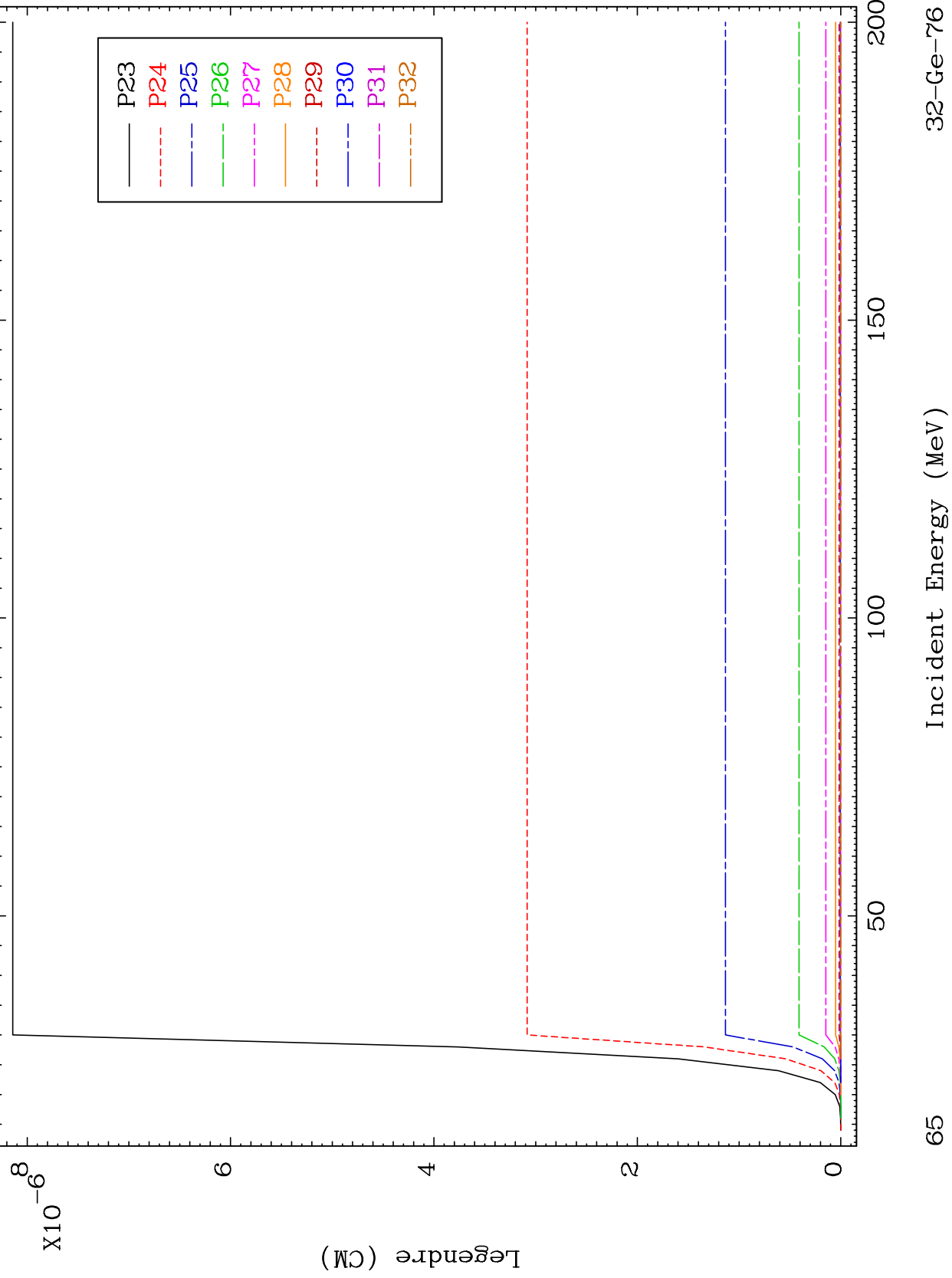
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



65

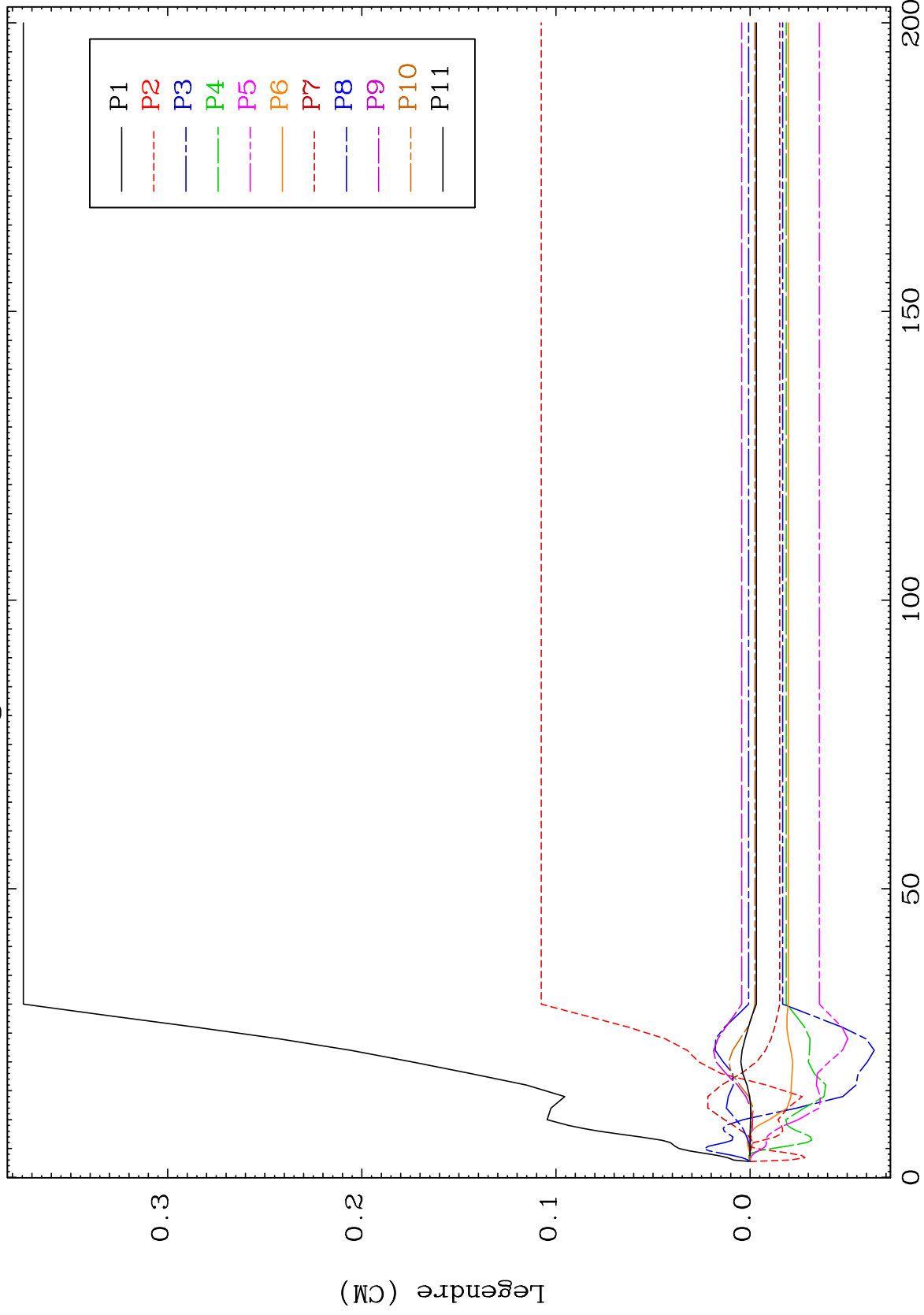
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



66

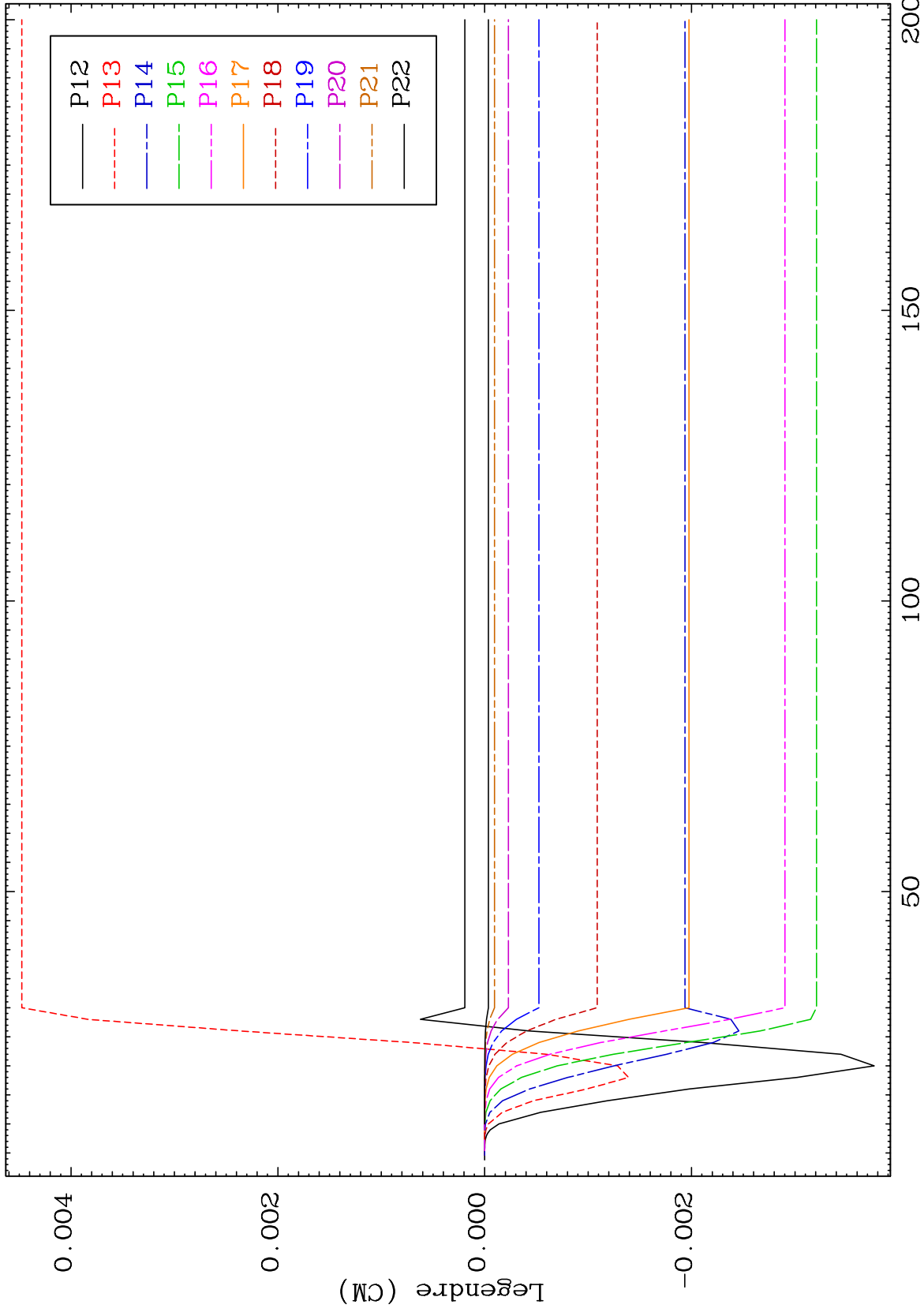
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

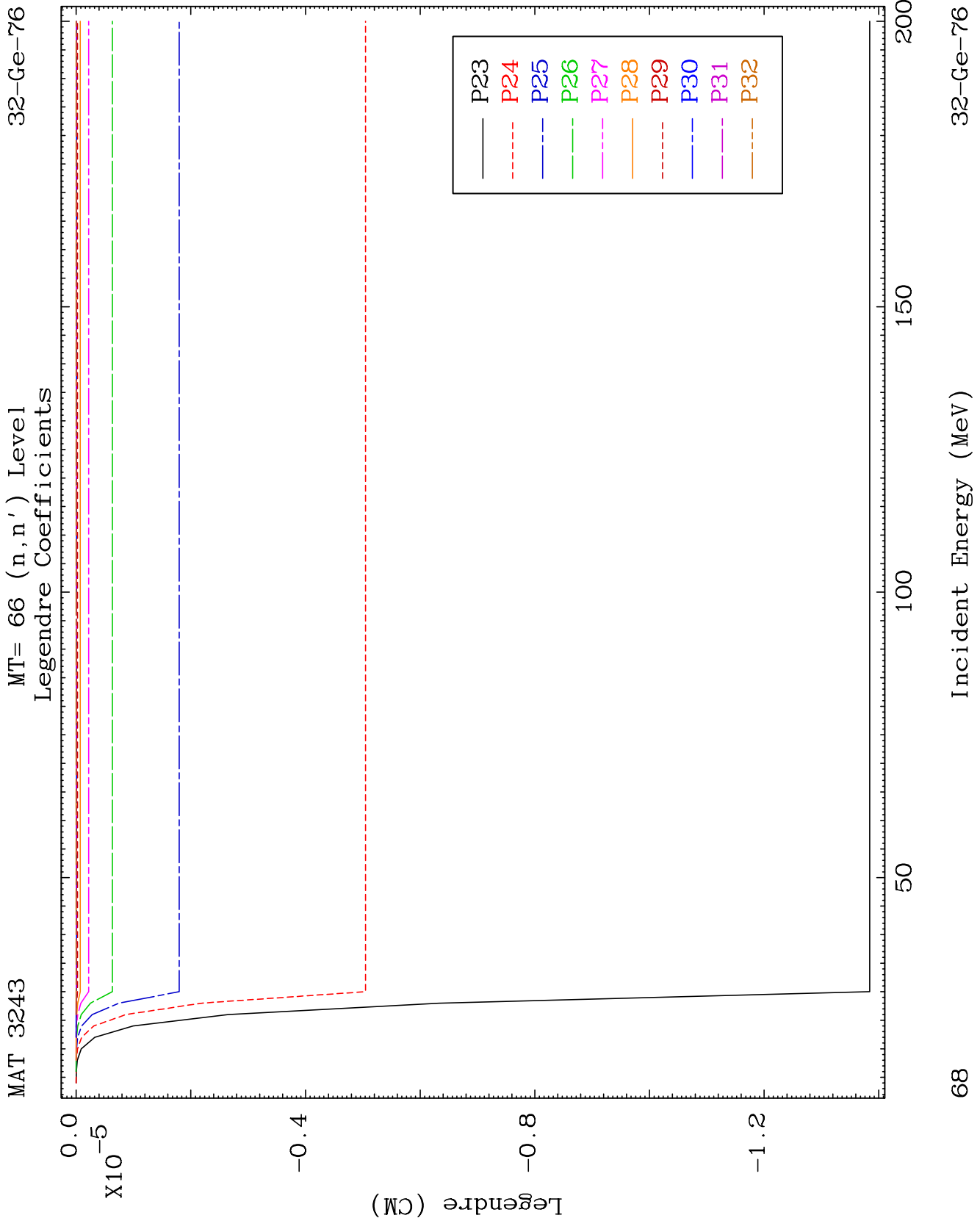
32-Ge-76



67

Incident Energy (MeV)

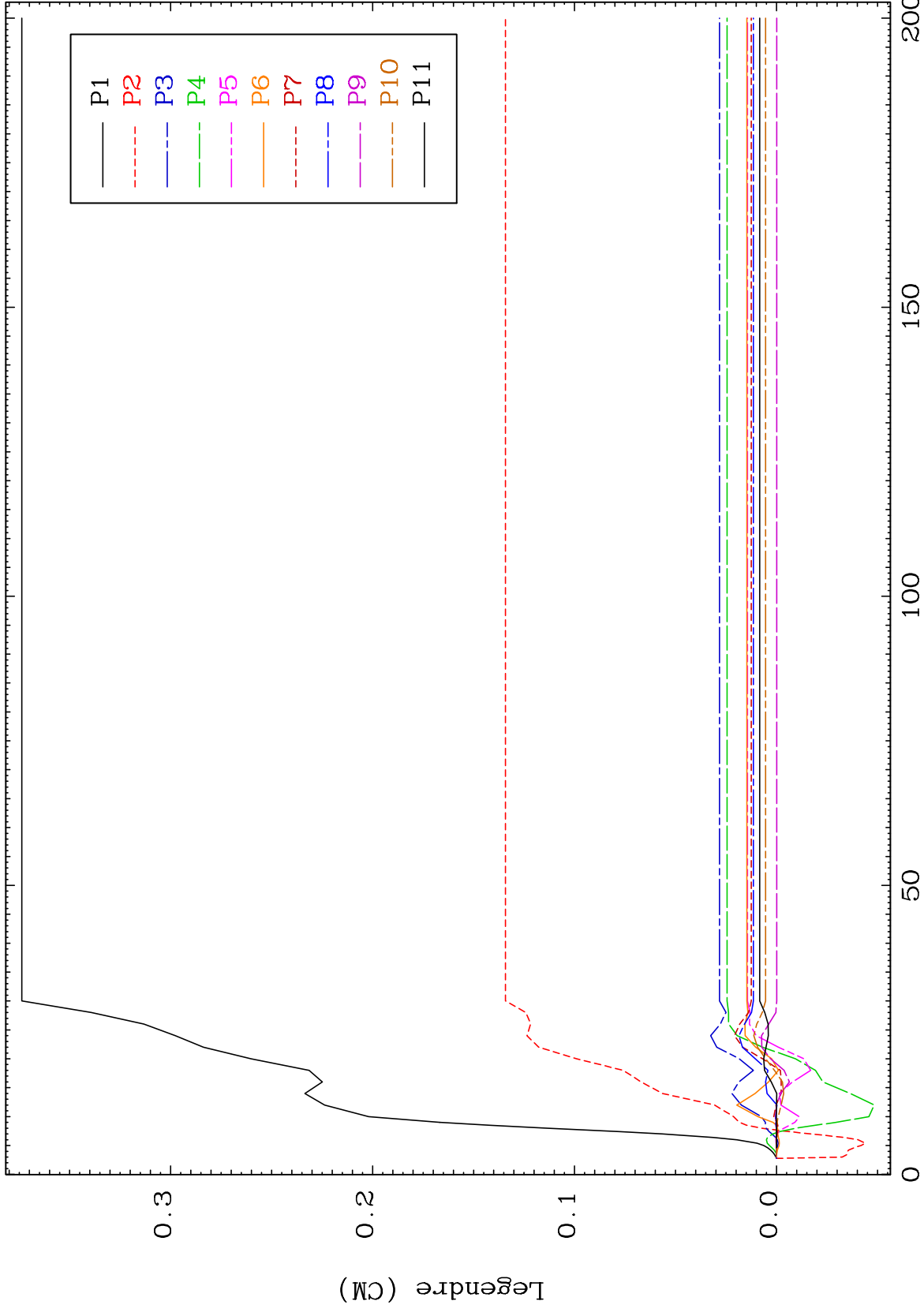
32-Ge-76



MAT 3243

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

32-Ge-76



69

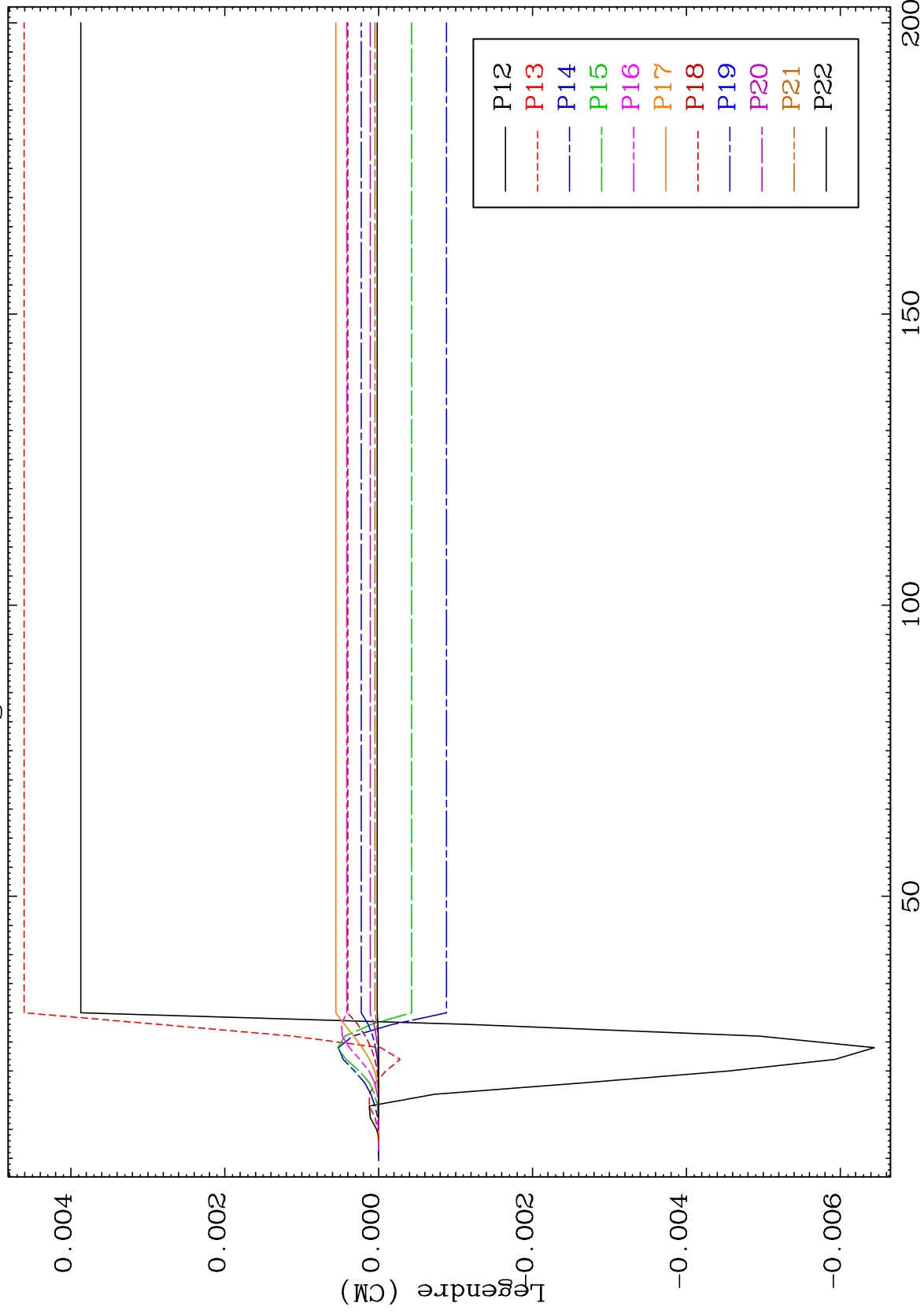
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



70

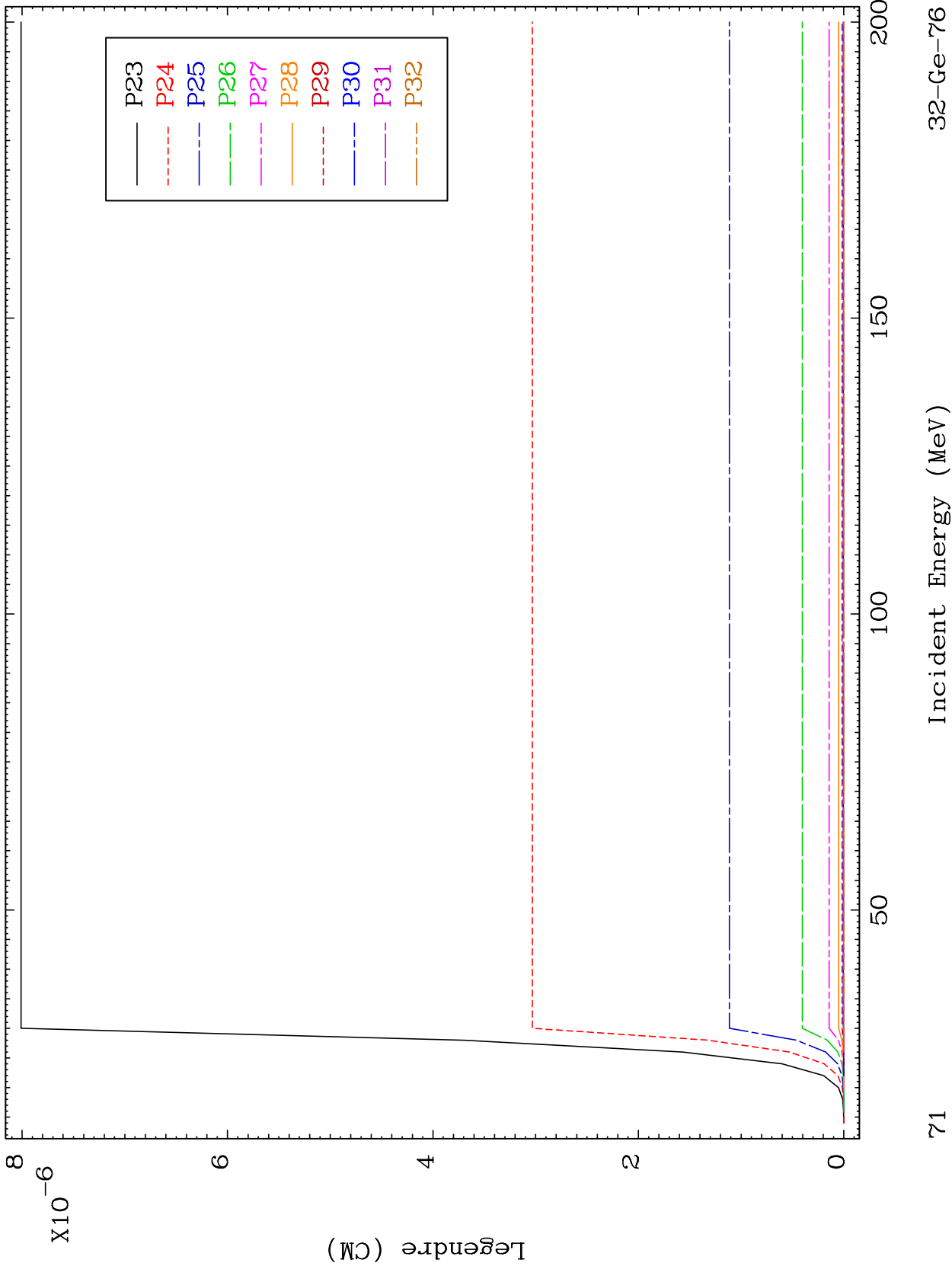
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



71

Incident Energy (MeV)

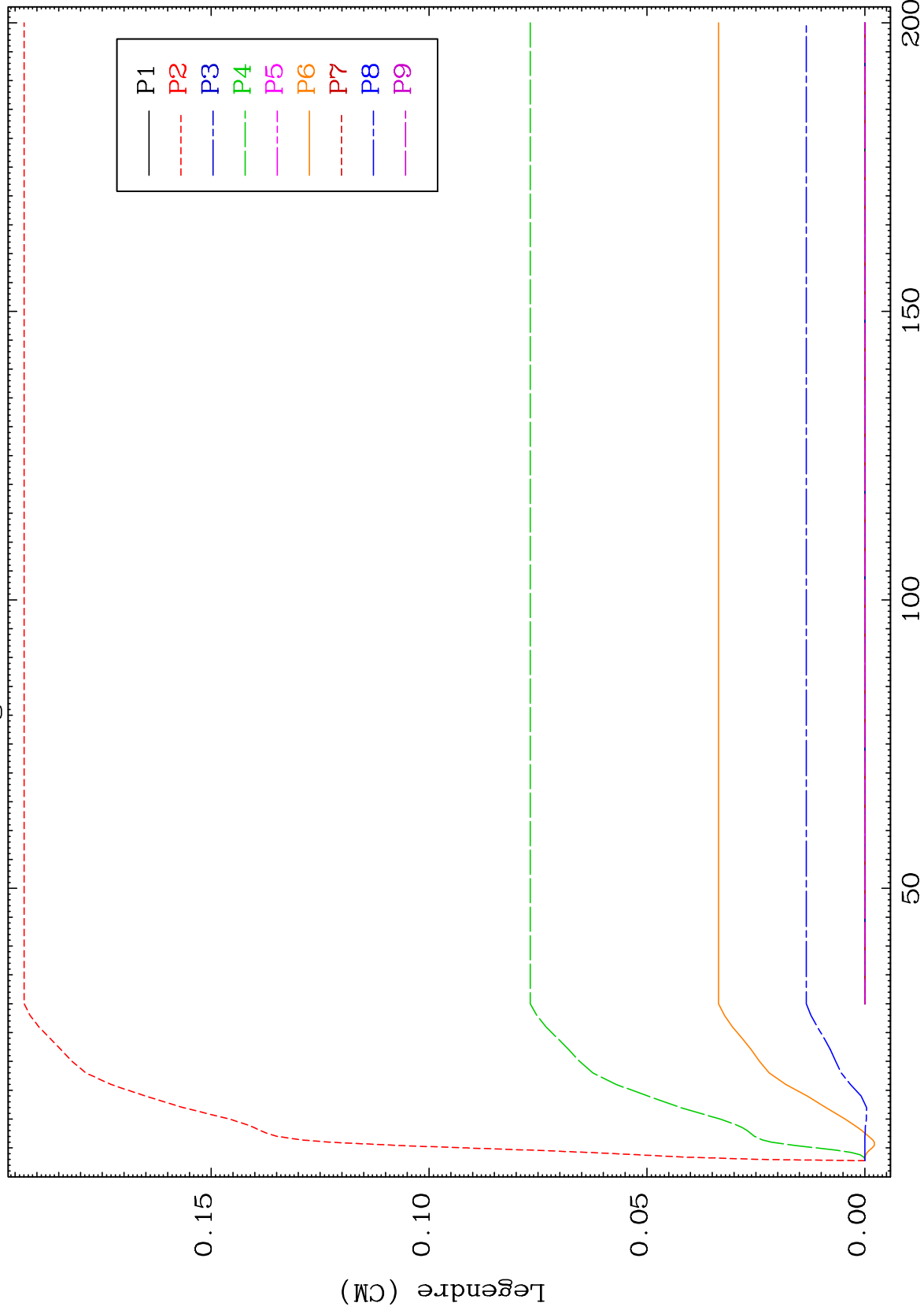
32-Ge-76



MAT 3243

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

32-Ge-76



72

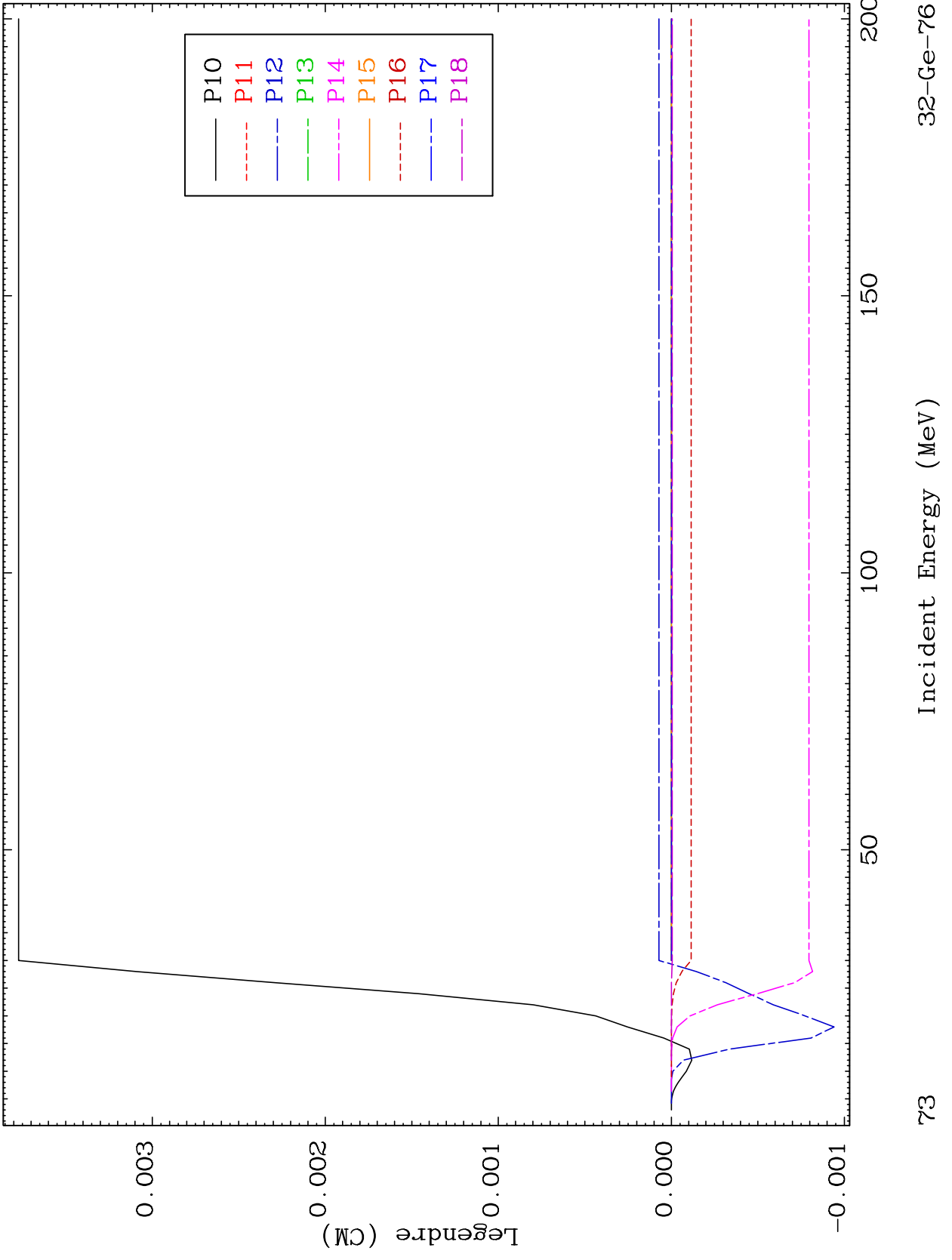
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

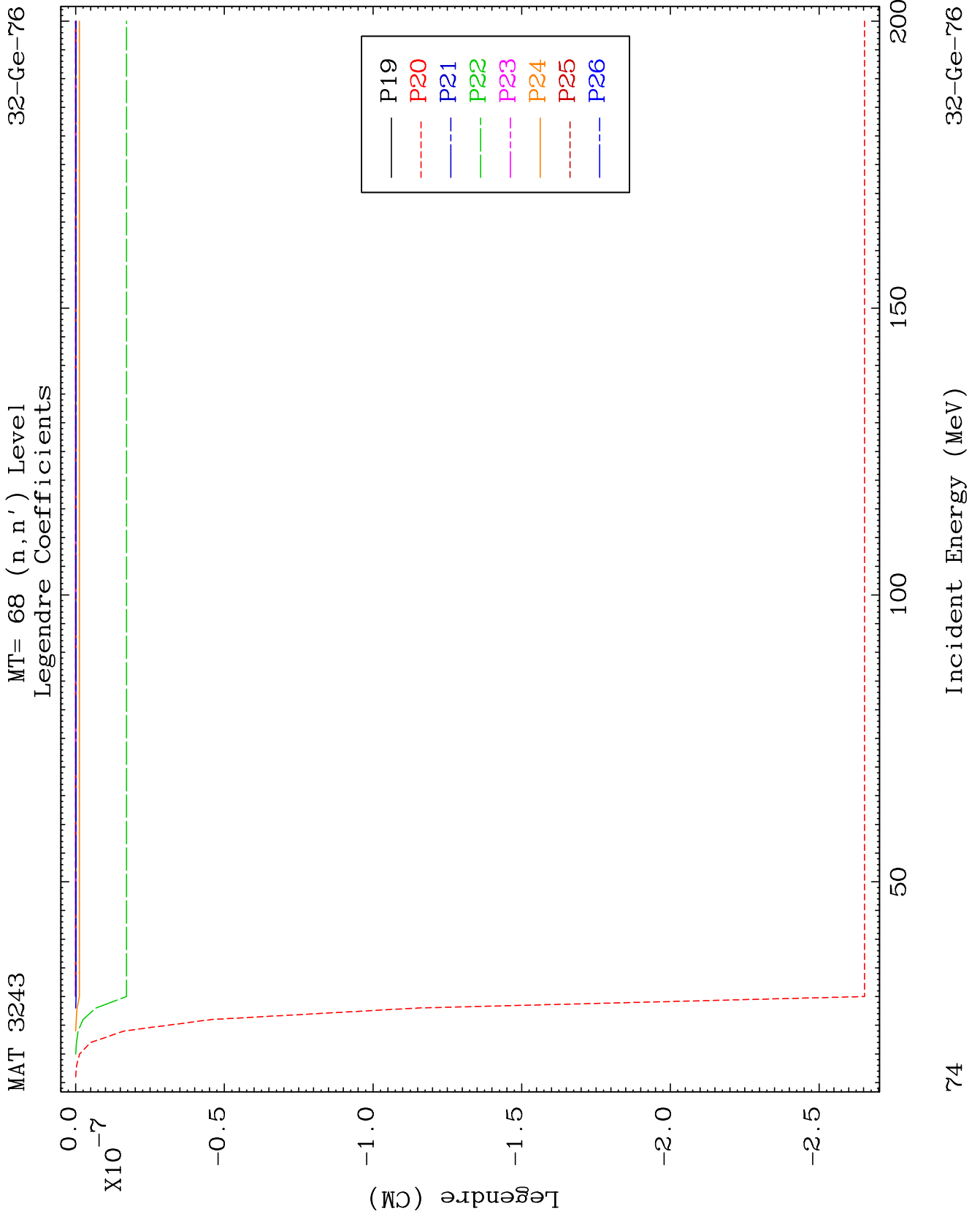
32-Ge-76



73

Incident Energy (MeV)

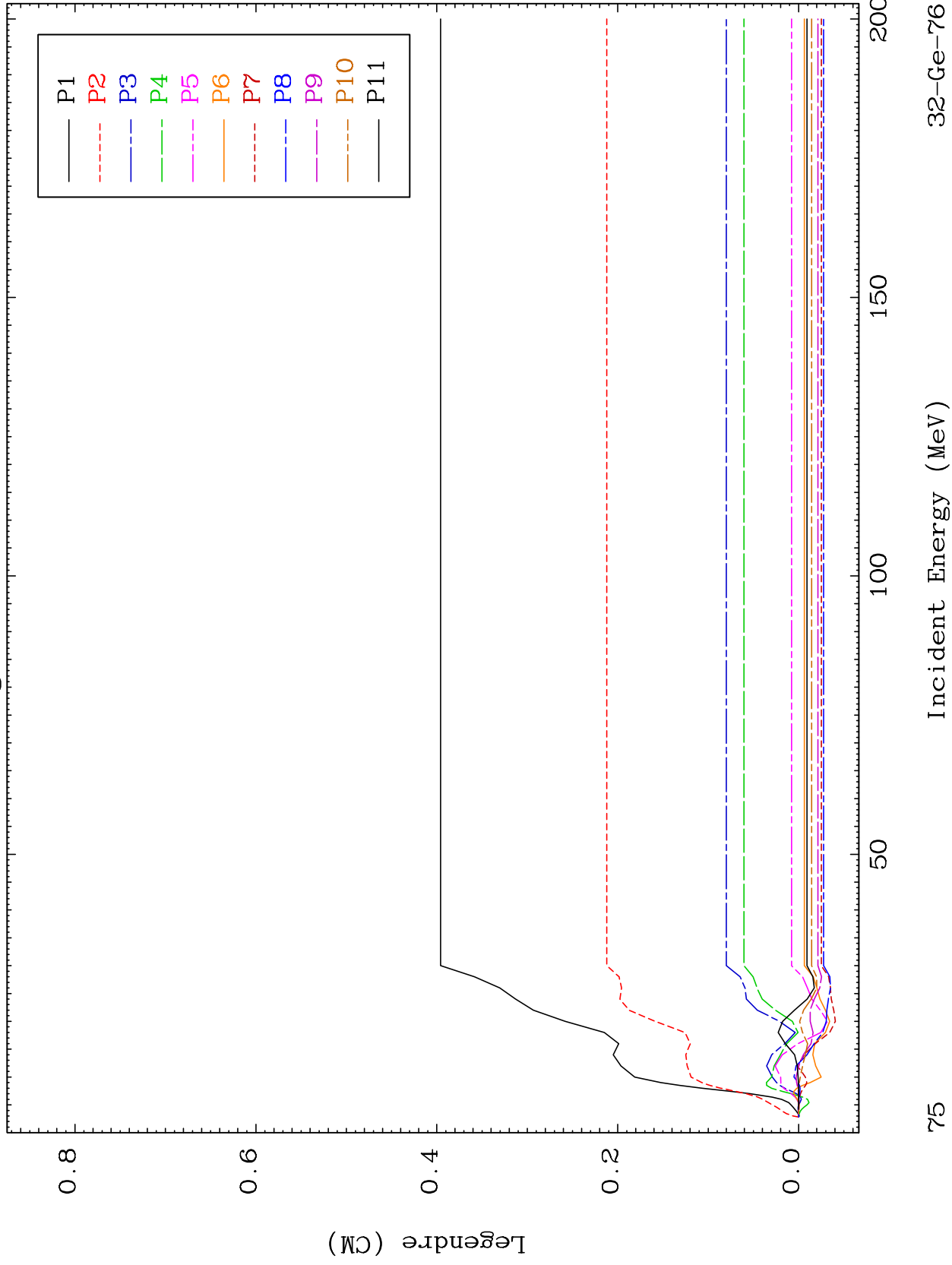
32-Ge-76



MAT 3243

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

32-Ge-76



75

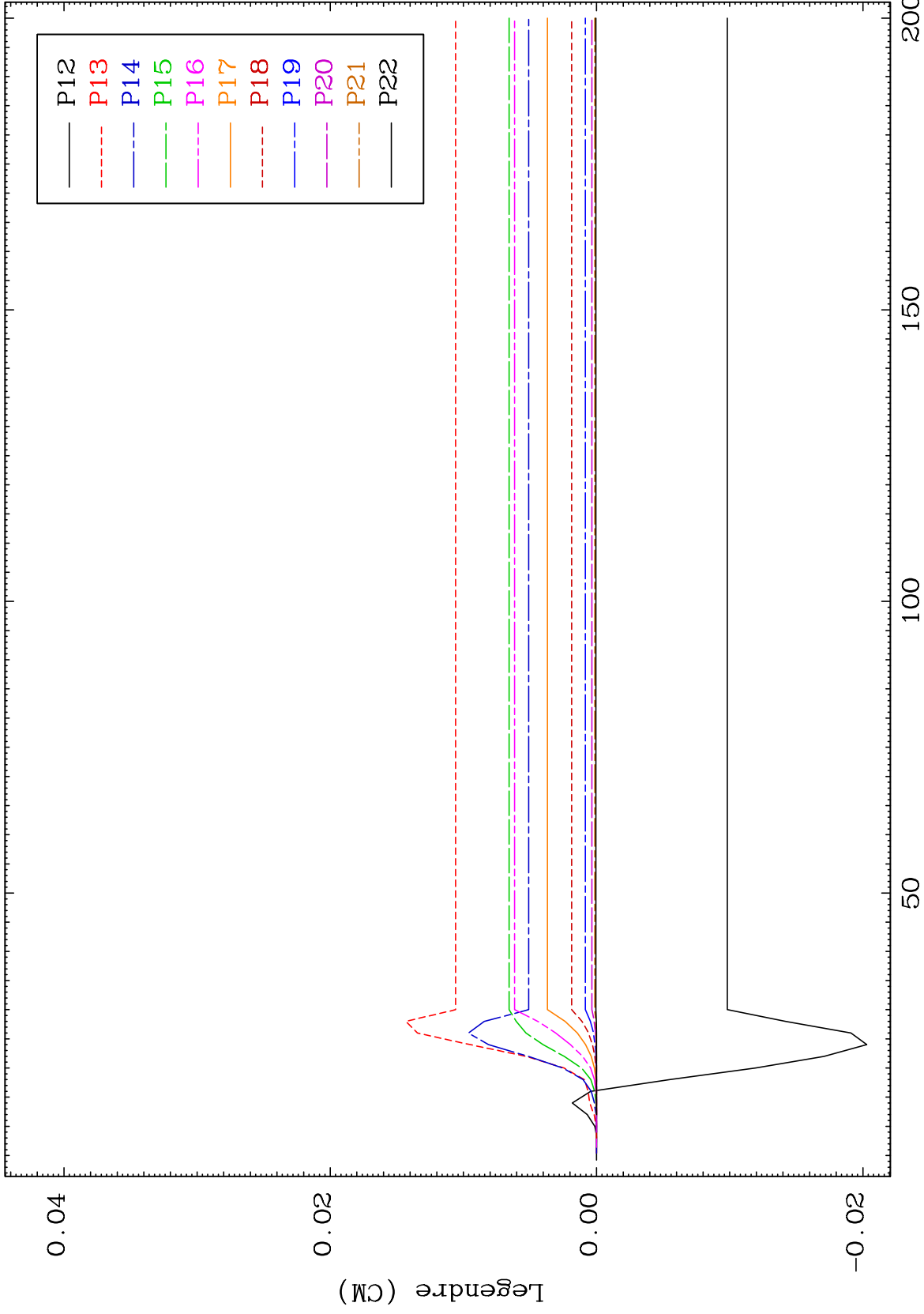
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



76

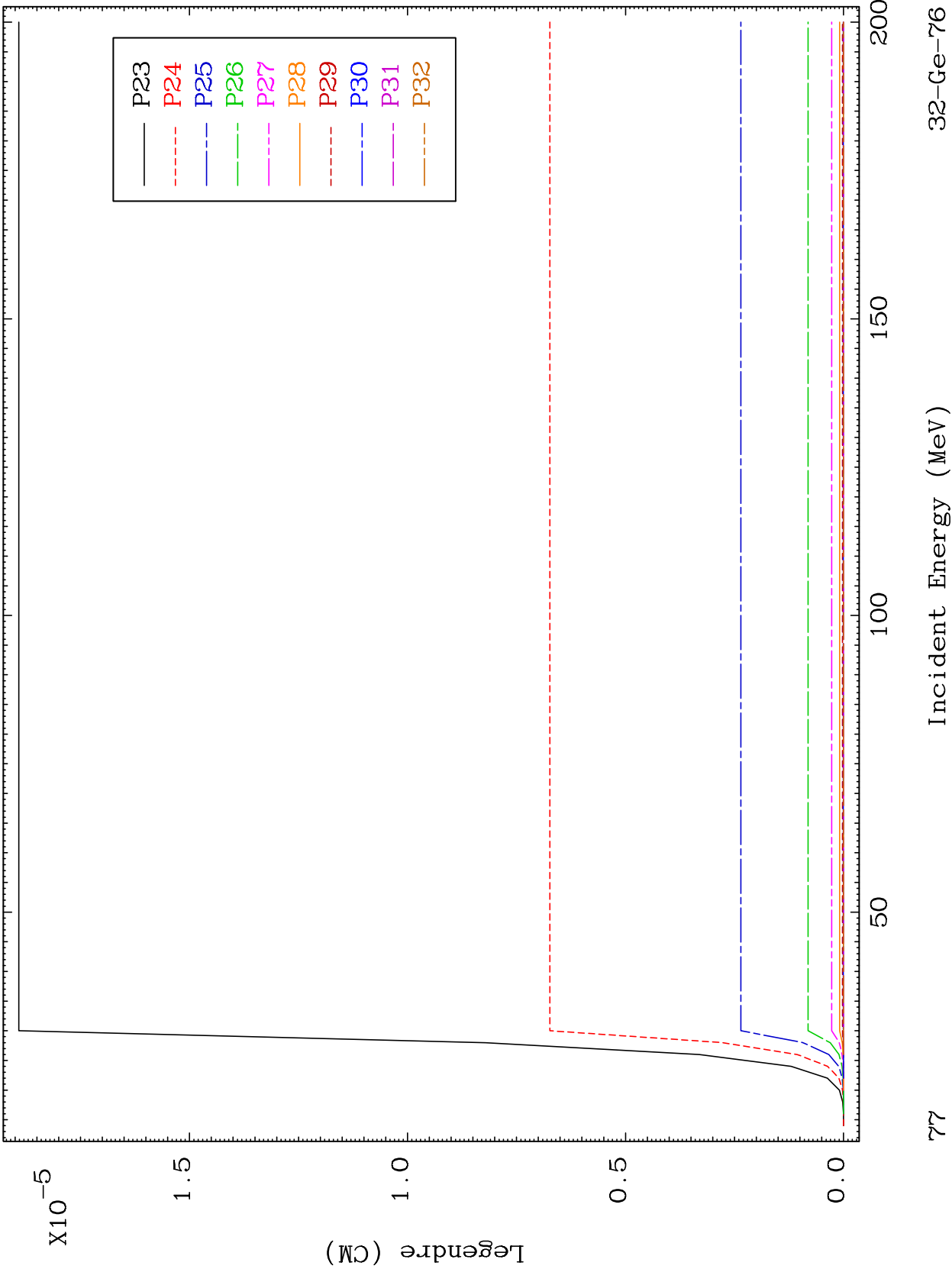
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

<sup>32</sup>Ge-76



77

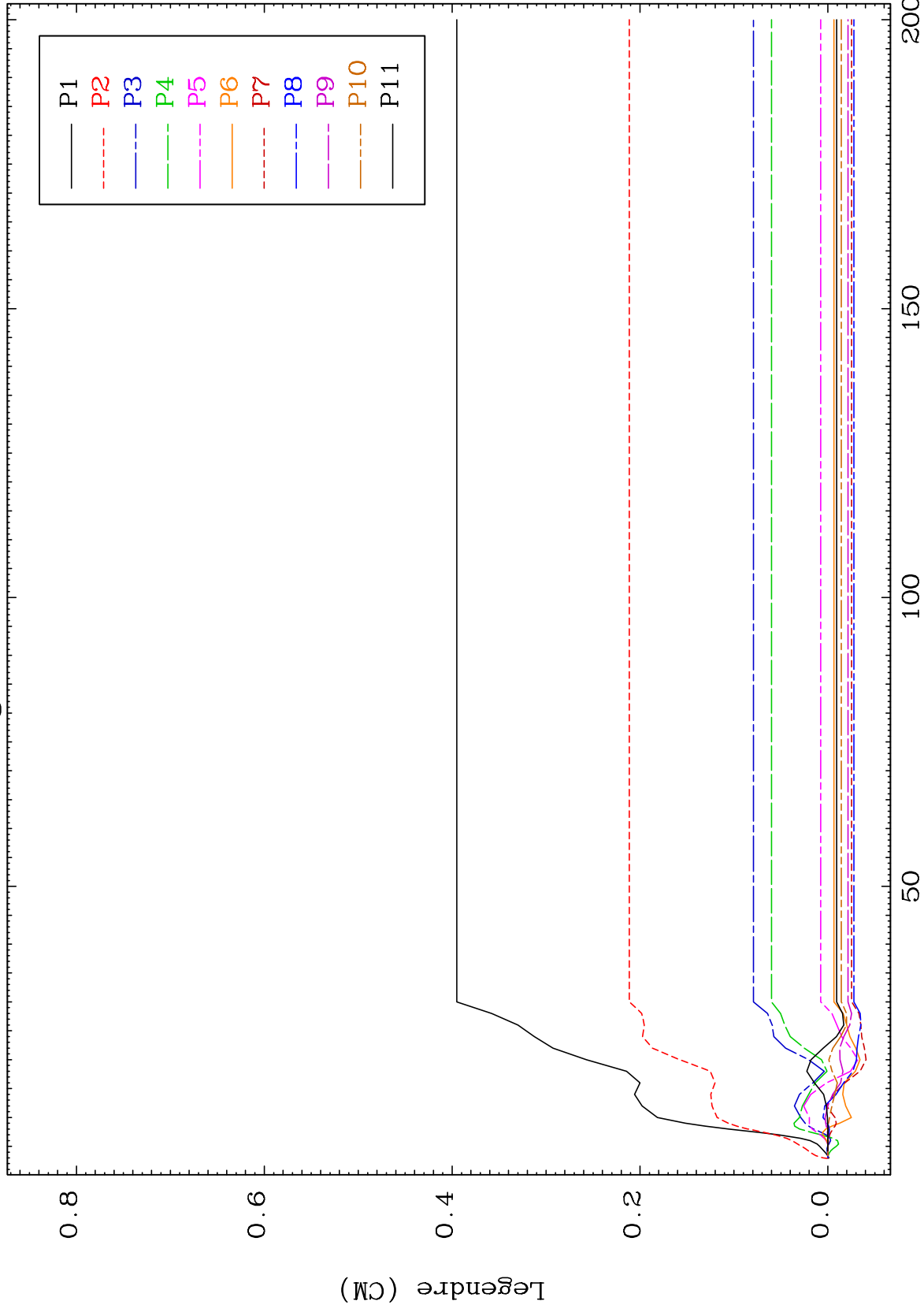
Incident Energy (MeV)

<sup>32</sup>Ge-76

MAT 3243

MT= 70 (n,n') Level  
Legendre Coefficients

32-Ge-76



78

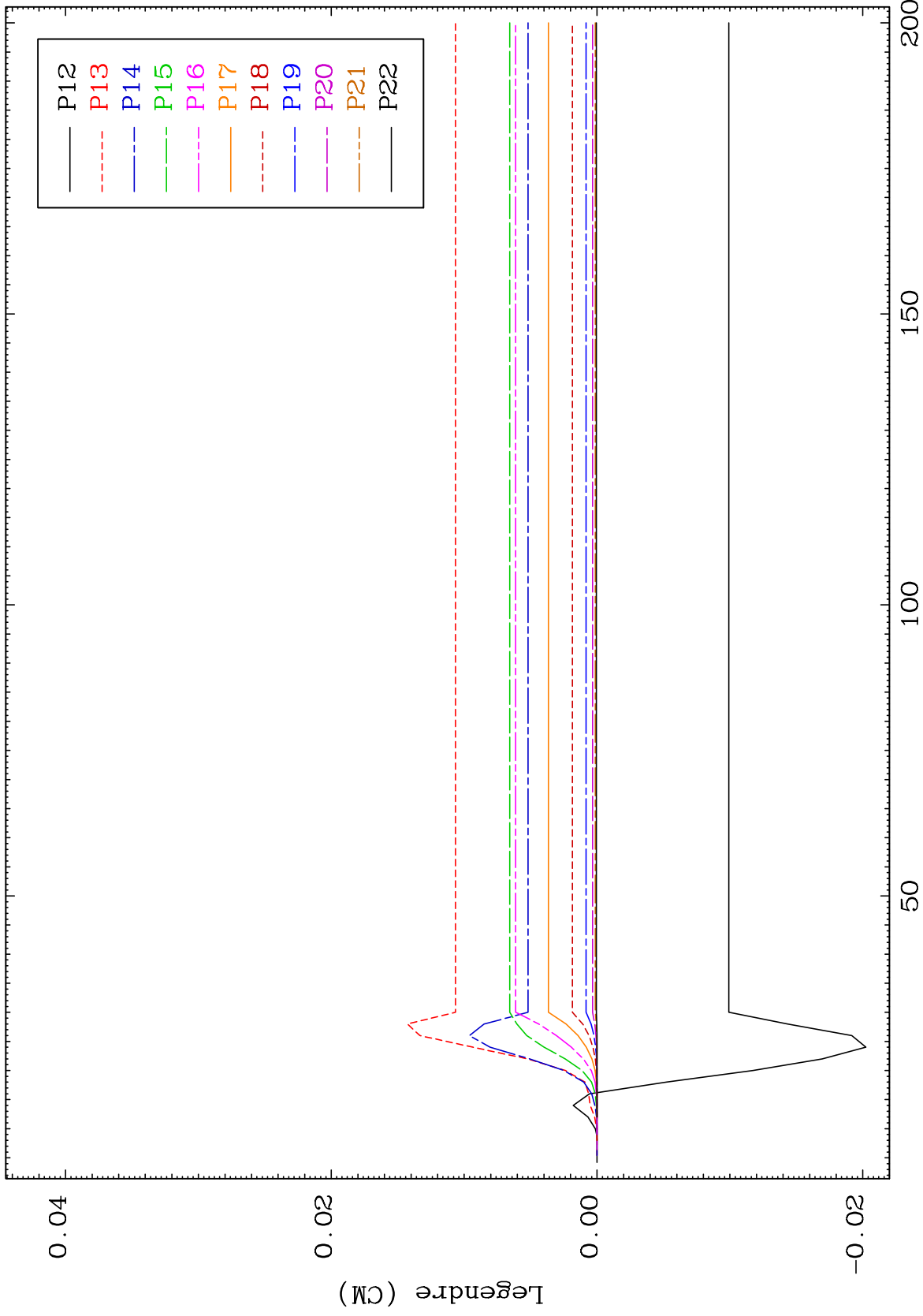
Incident Energy (MeV)

32-Ge-76

MAT 3243

MT= 70 (n,n') Level  
Legendre Coefficients

32-Ge-76



79

Incident Energy (MeV)

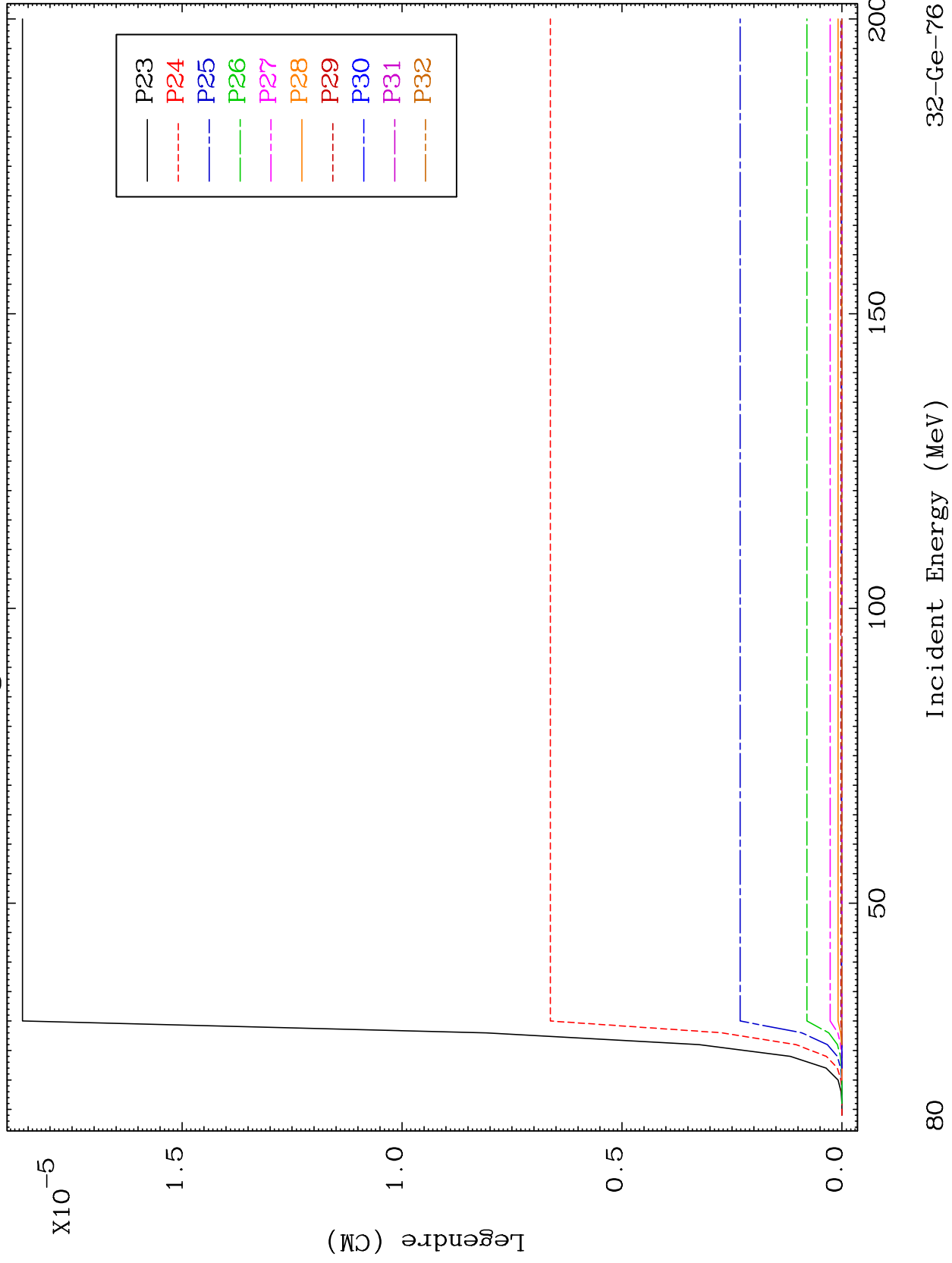
32-Ge-76



MAT 3243

MT= 70 (n,n') Level  
Legendre Coefficients

<sup>32</sup>Ge-76

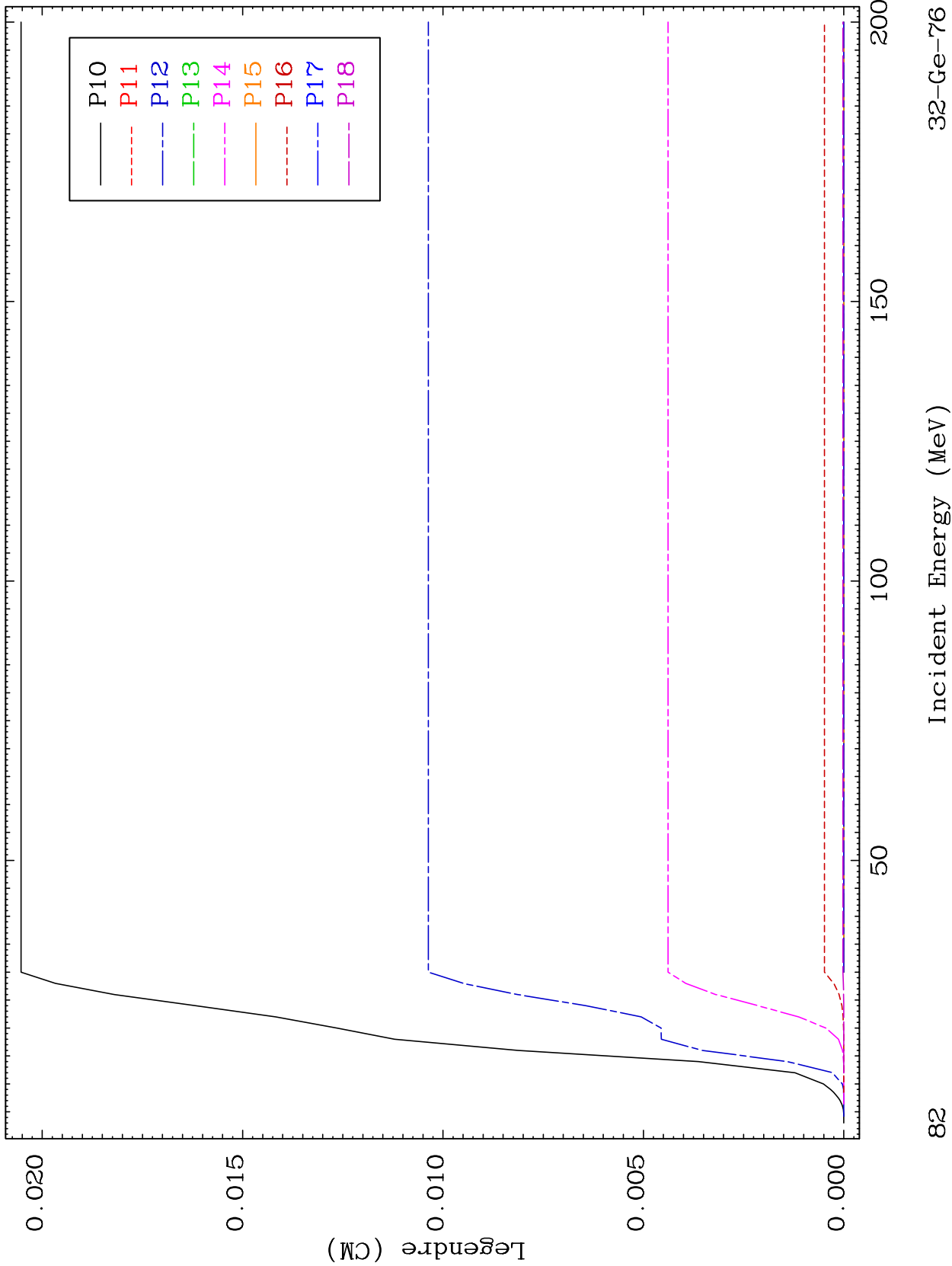




MAT 3243

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

32-Ge-76



82

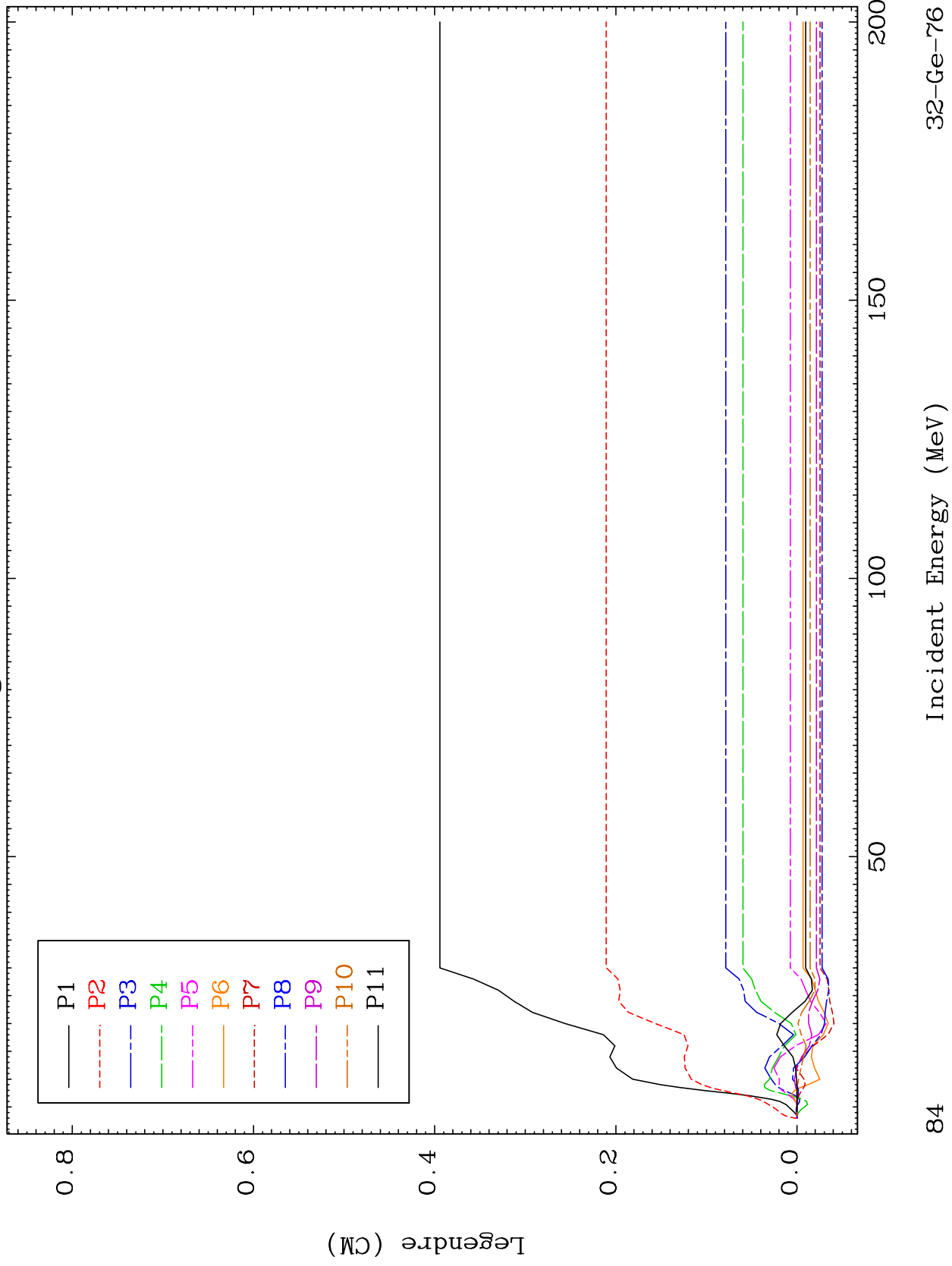
32-Ge-76



MAT 3243

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

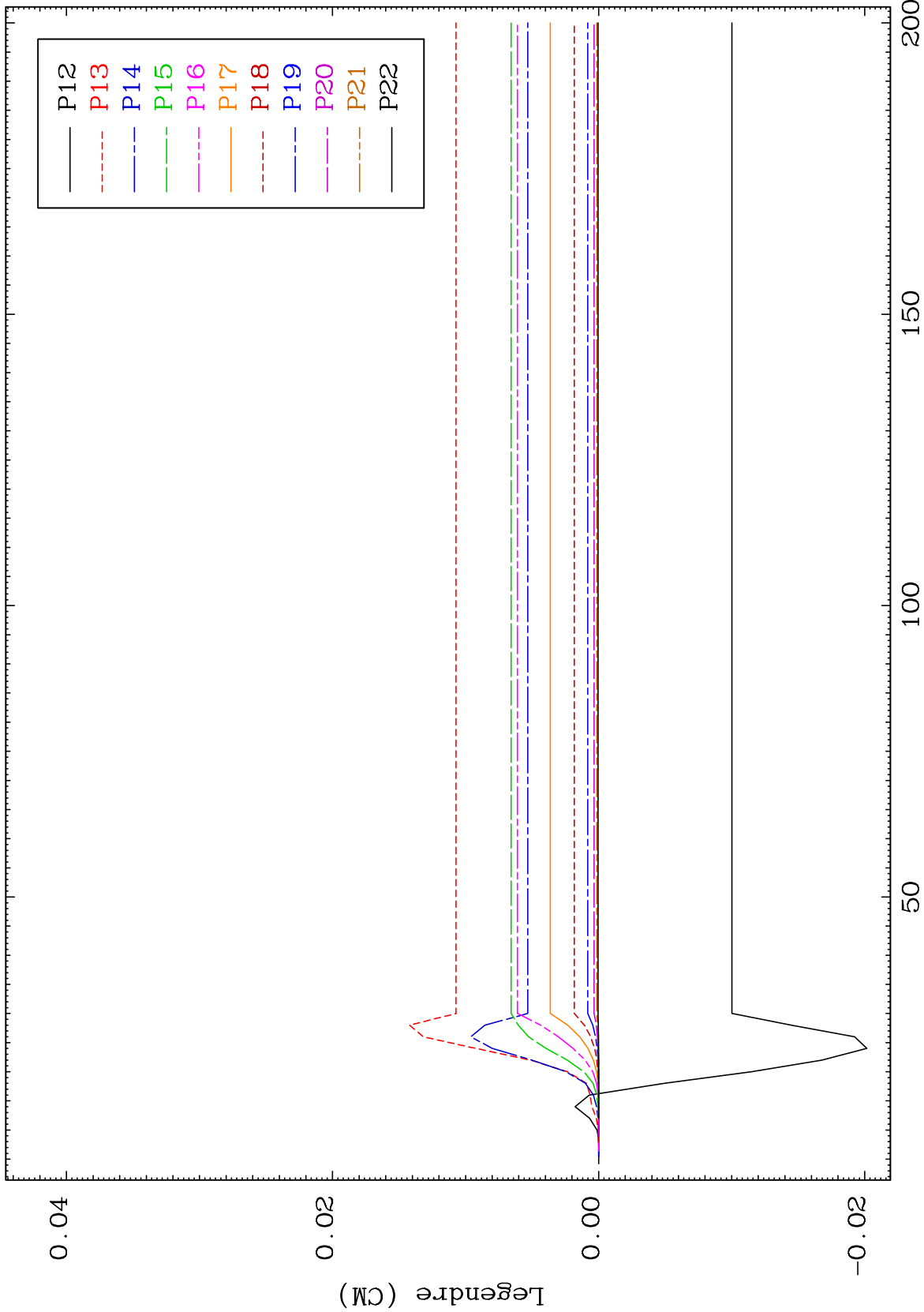
32-Ge-76



MAT 3243

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

32-Ge-76



85

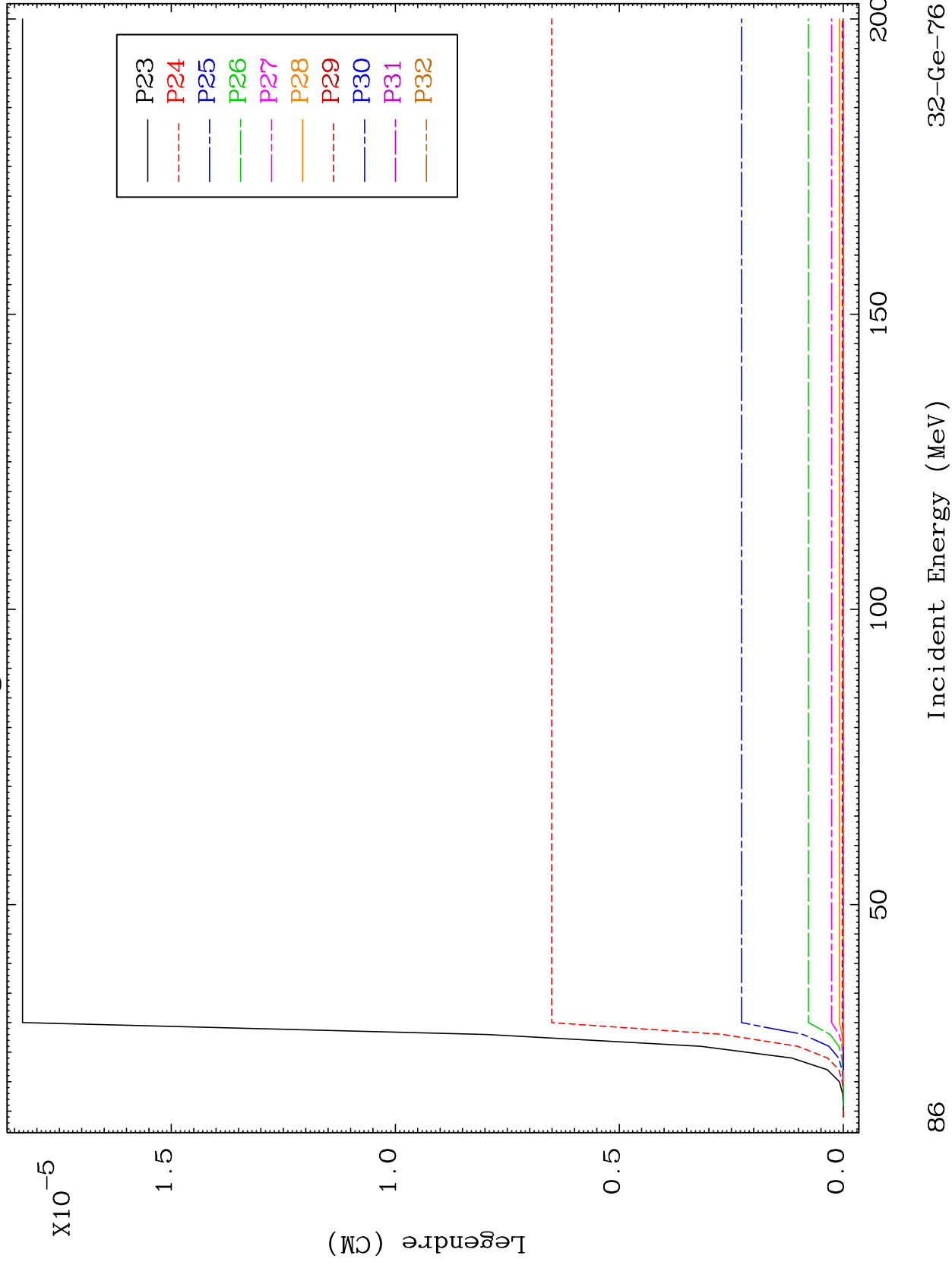
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76



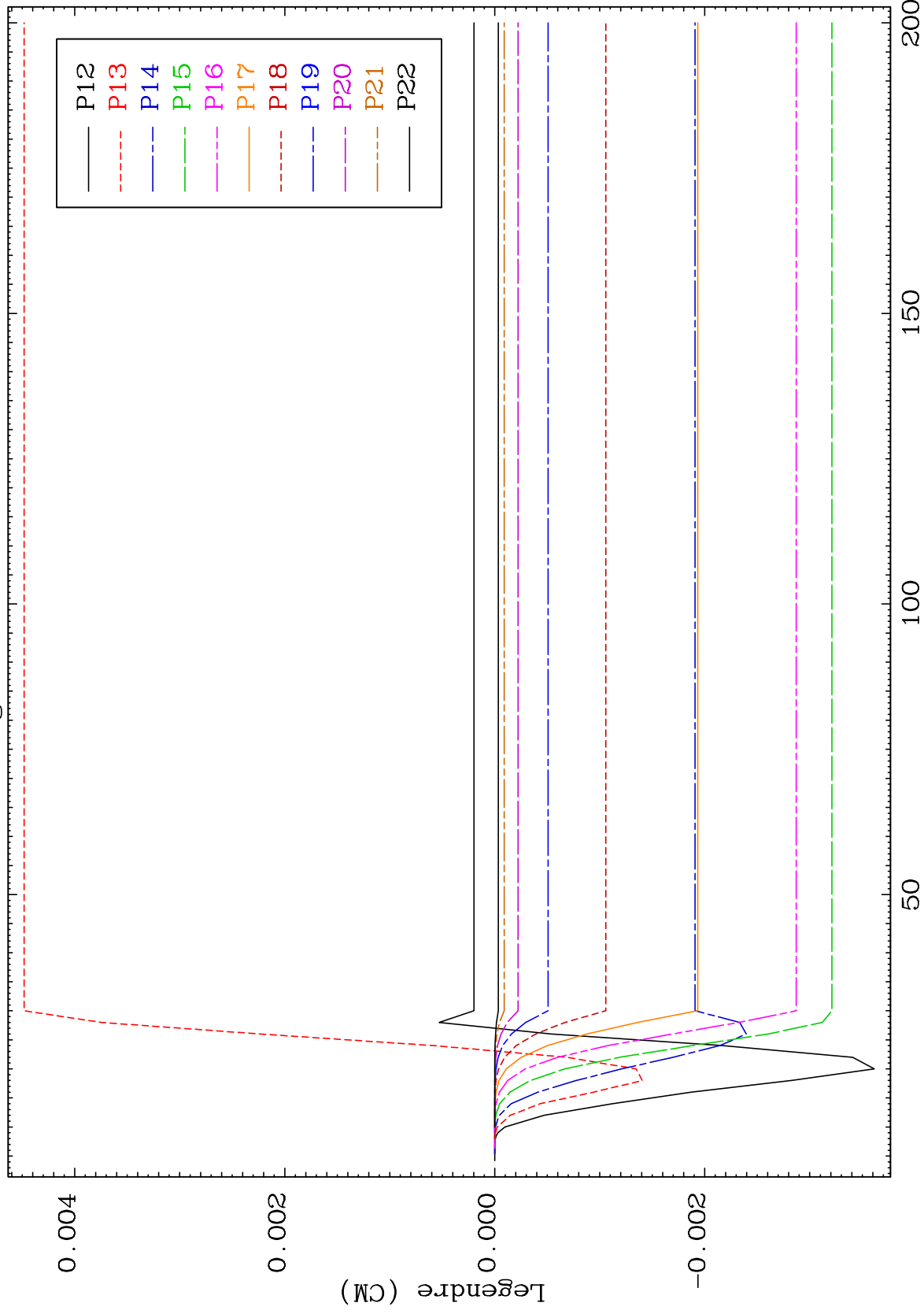




MAT 3243

MT= 73 (n,n') Level  
Legendre Coefficients

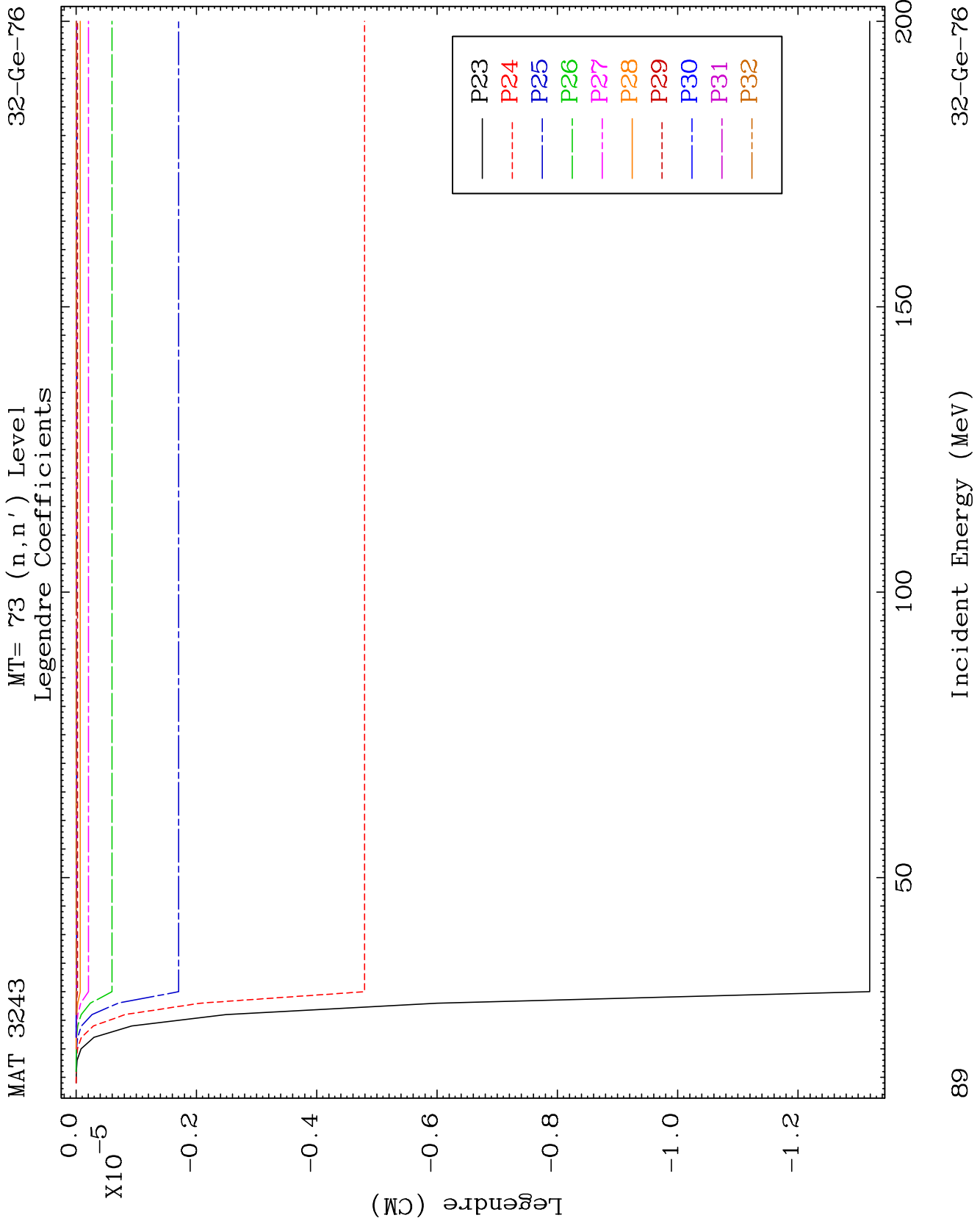
32-Ge-76



88

Incident Energy (MeV)

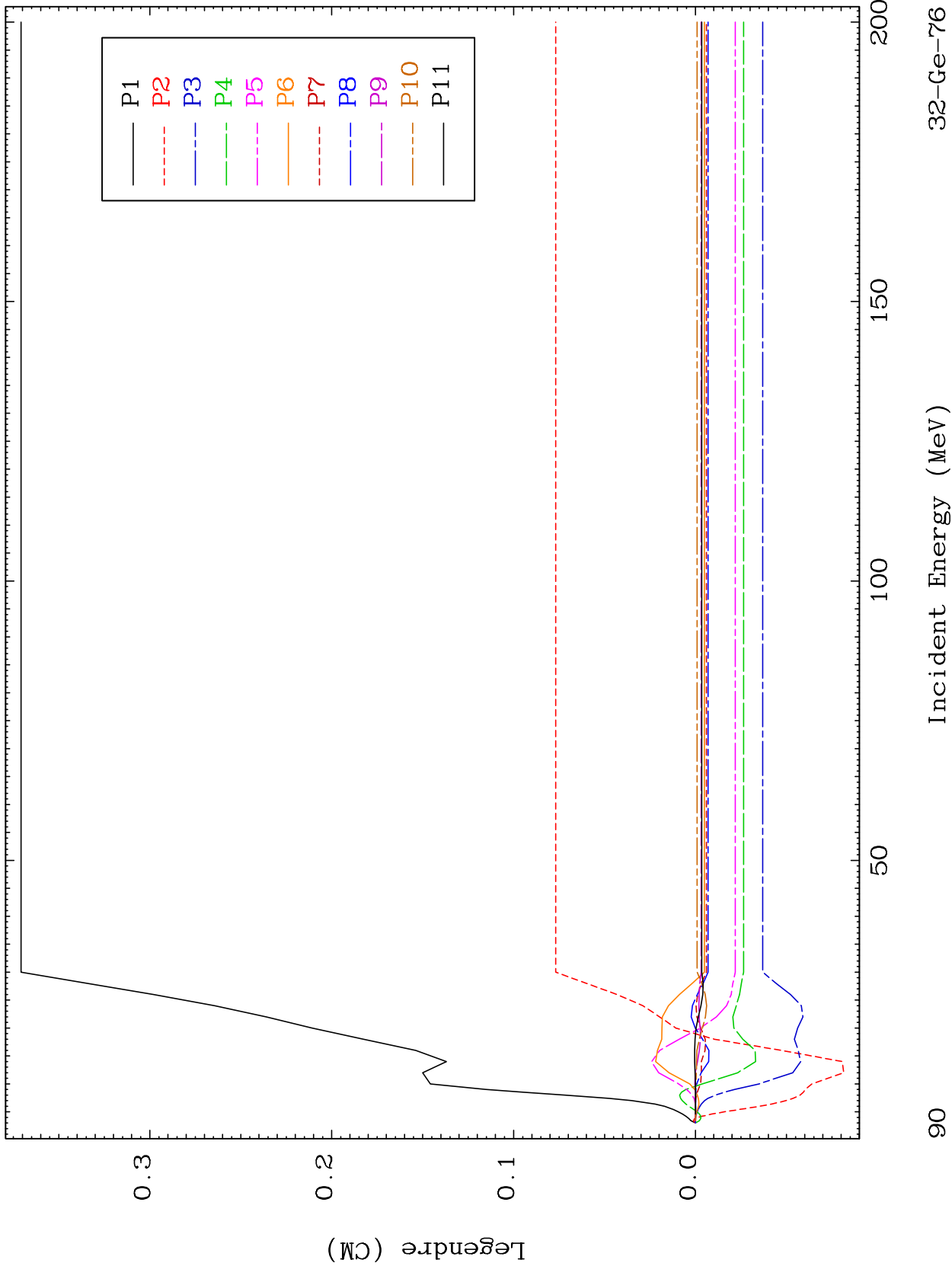
32-Ge-76



MAT 3243

MT= 74 (n,n') Level  
Legendre Coefficients

32-Ge-76



32-Ge-76

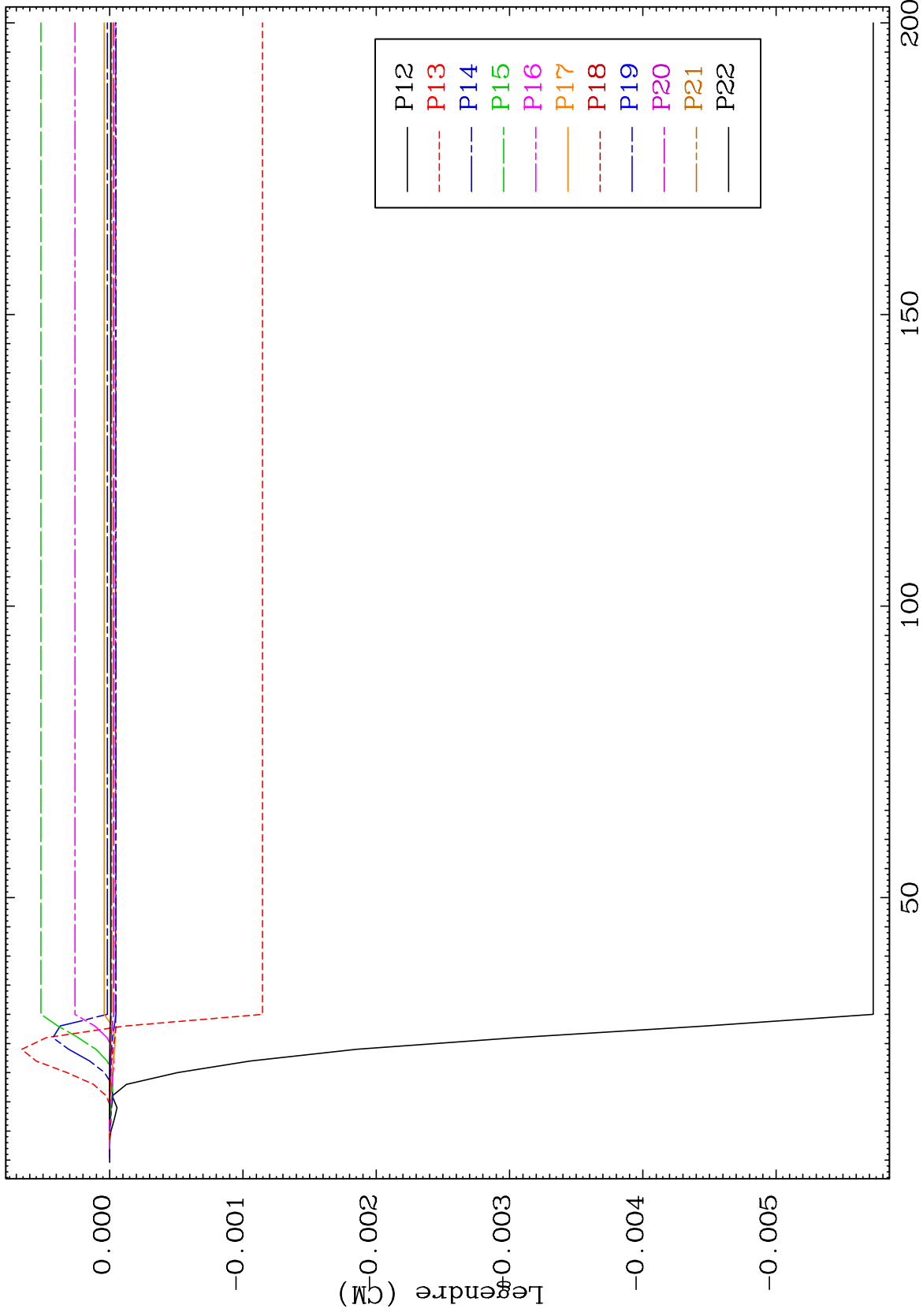
Incident Energy (MeV)

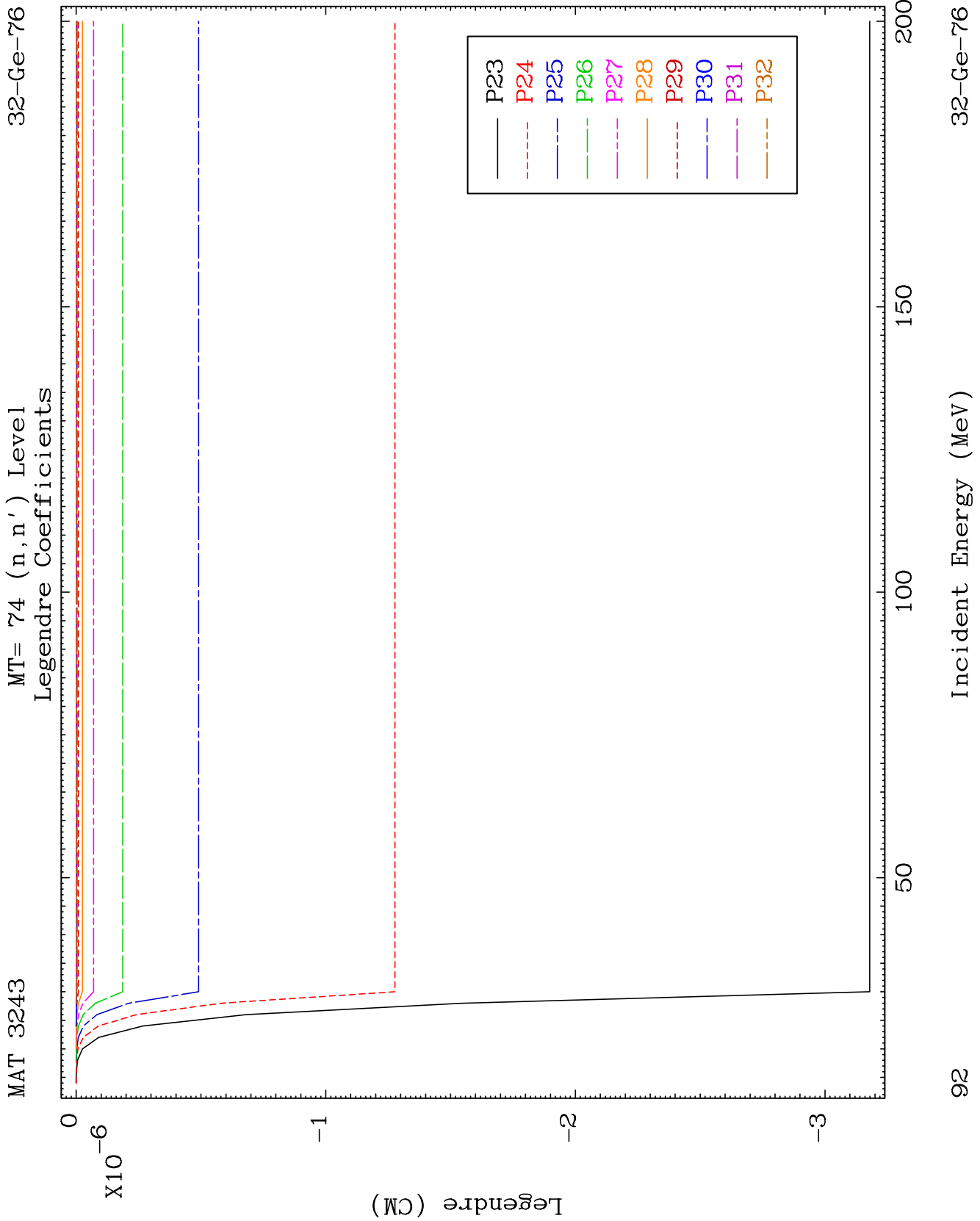
90

MAT 3243

MT= 74 (n,n') Level  
Legendre Coefficients

32-Ge-76

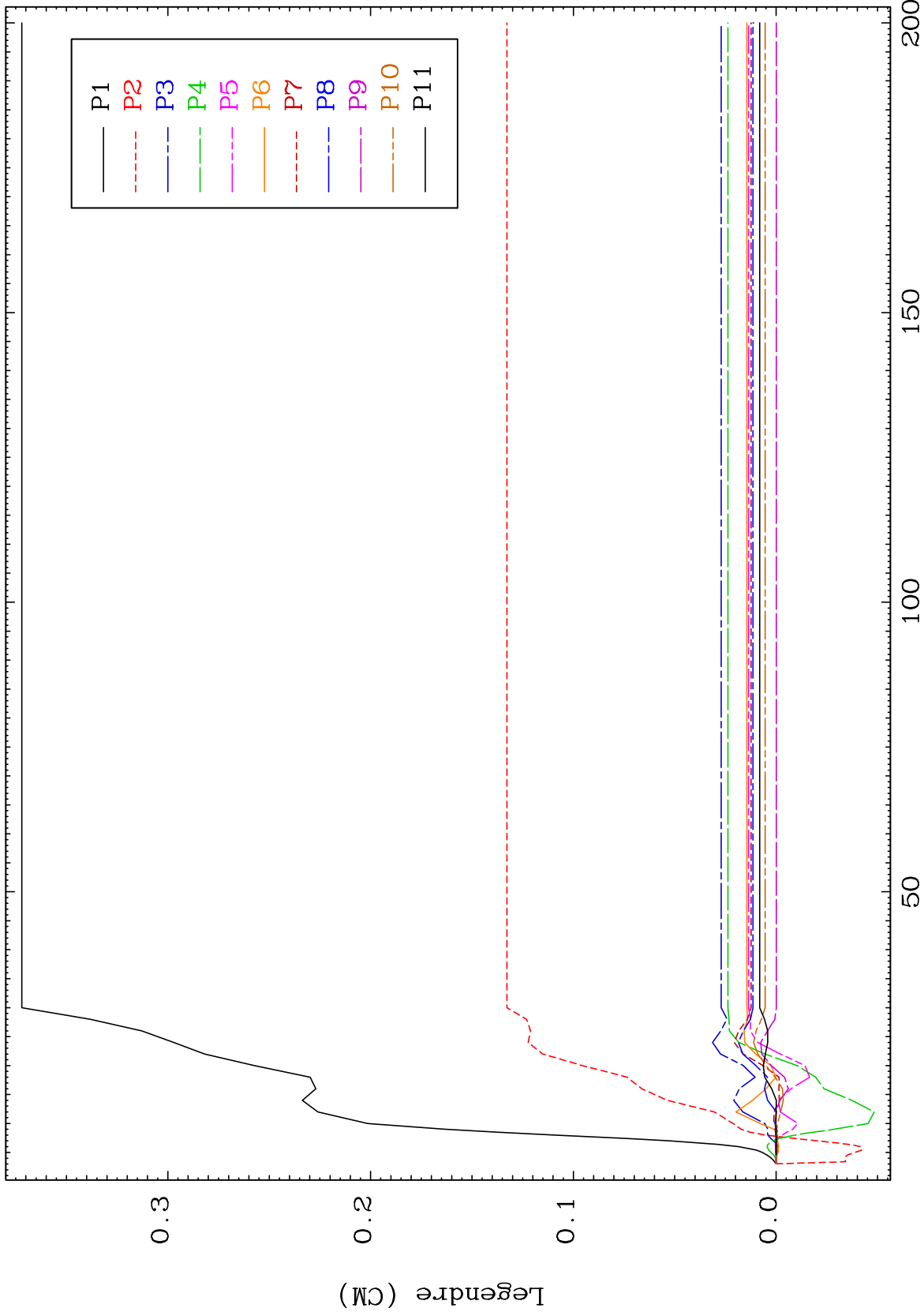




MAT 3243

MT= 75 (n,n') Level  
Legendre Coefficients

32-Ge-76



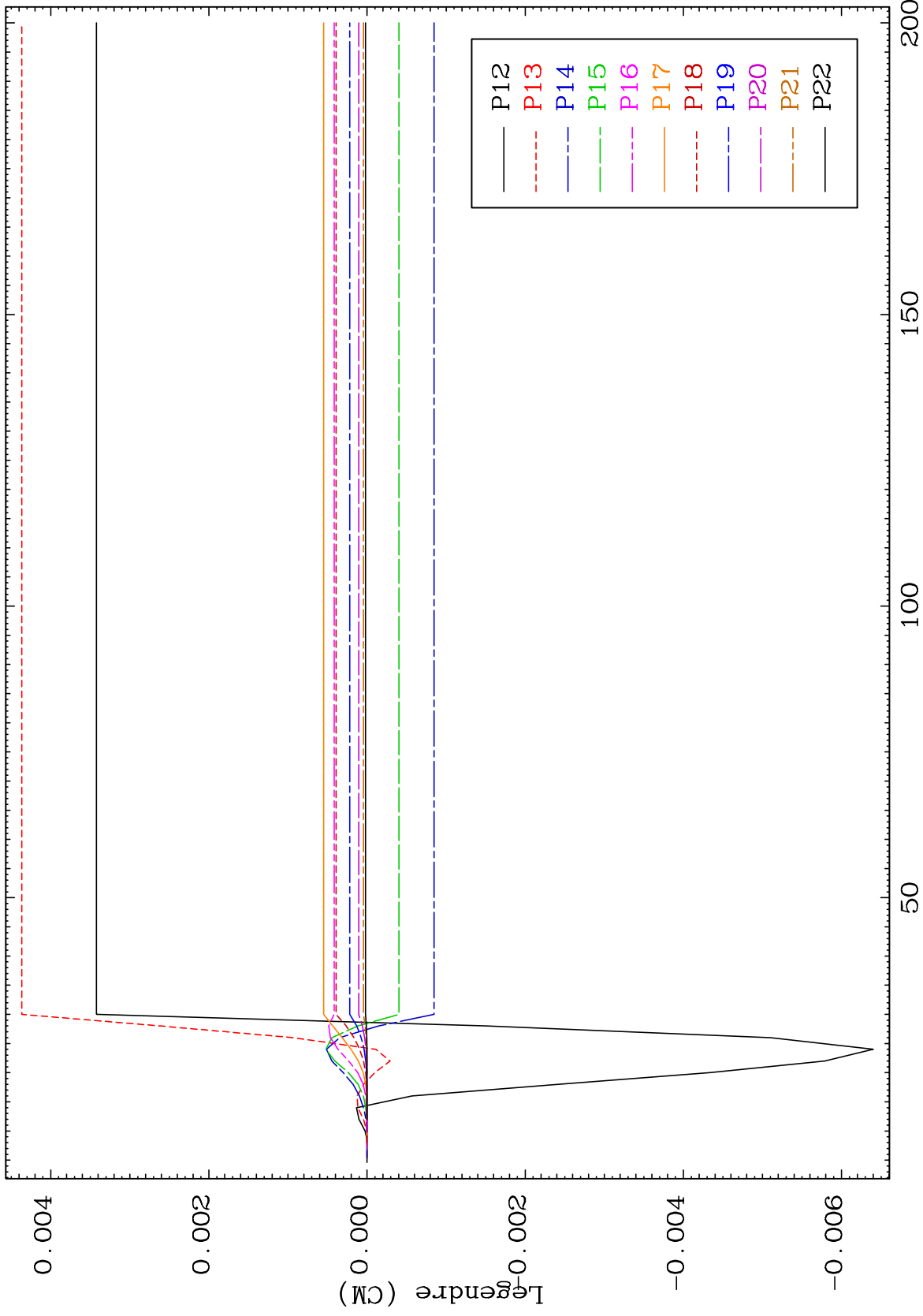
93

32-Ge-76

MAT 3243

MT= 75 (n,n') Level  
Legendre Coefficients

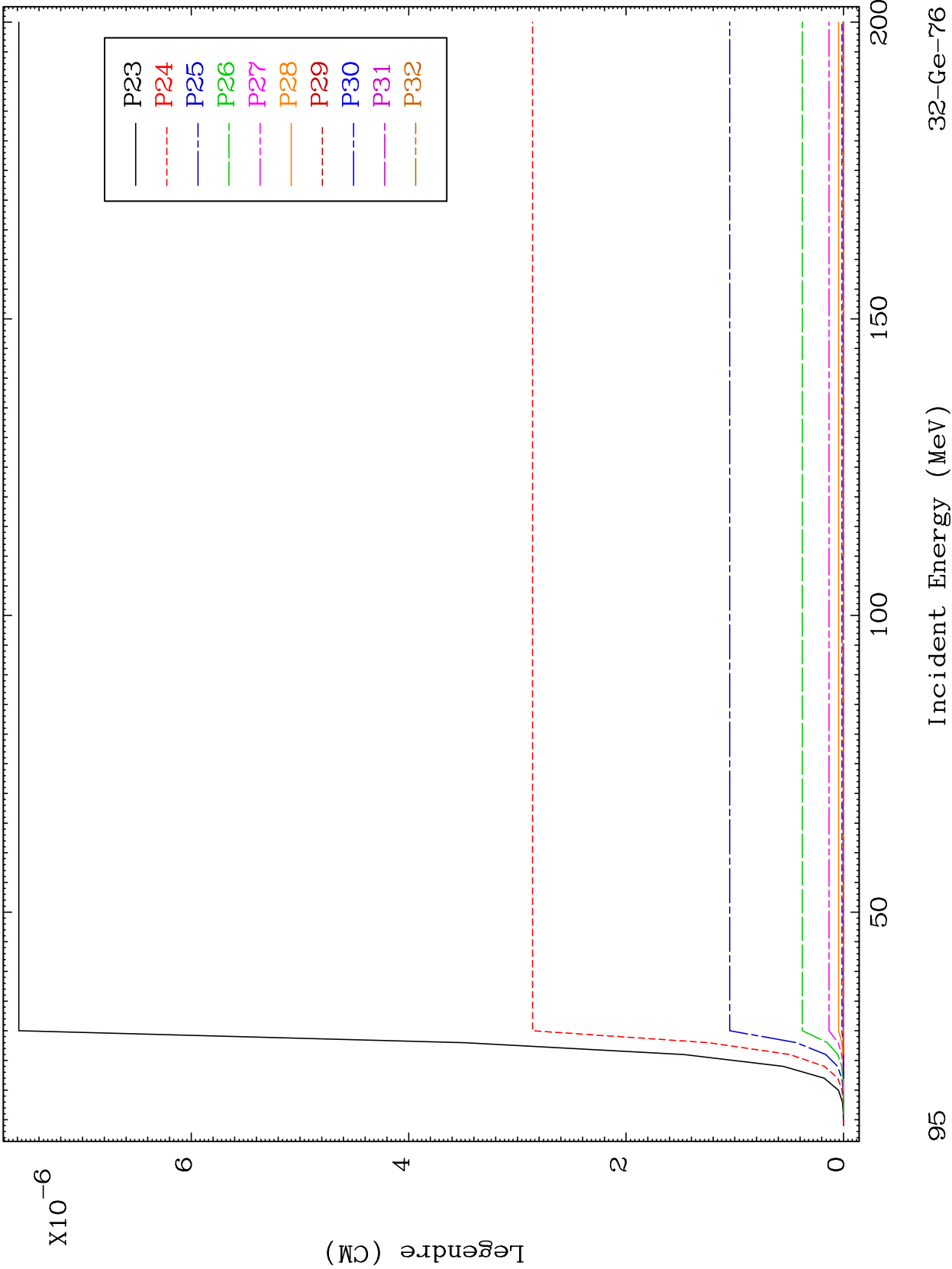
32-Ge-76



MAT 3243

MT= 75 (n,n') Level  
Legendre Coefficients

32-Ge-76



95

Incident Energy (MeV)

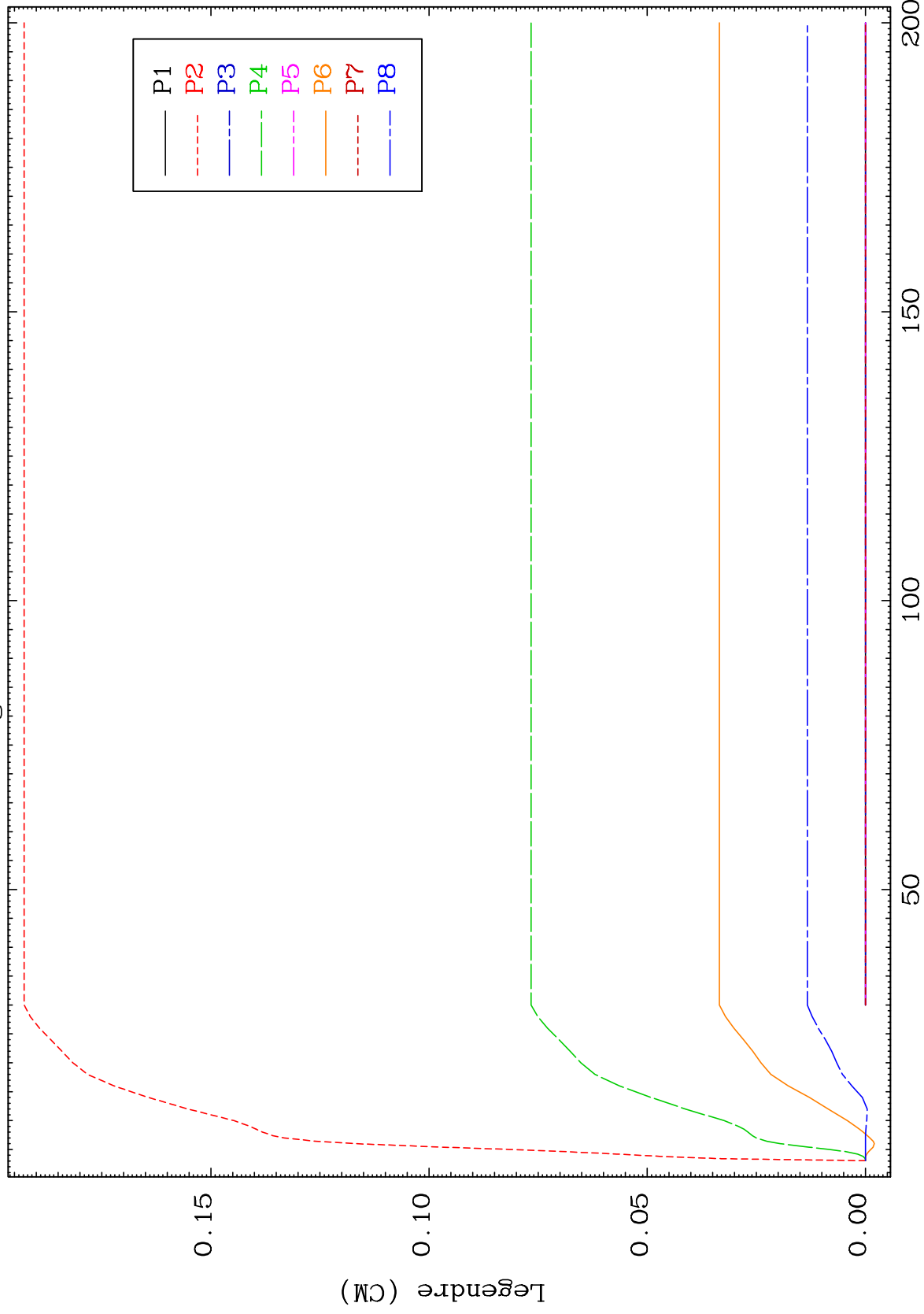
32-Ge-76



MAT 3243

MT= 76 (n,n') Level  
Legendre Coefficients

32-Ge-76



96

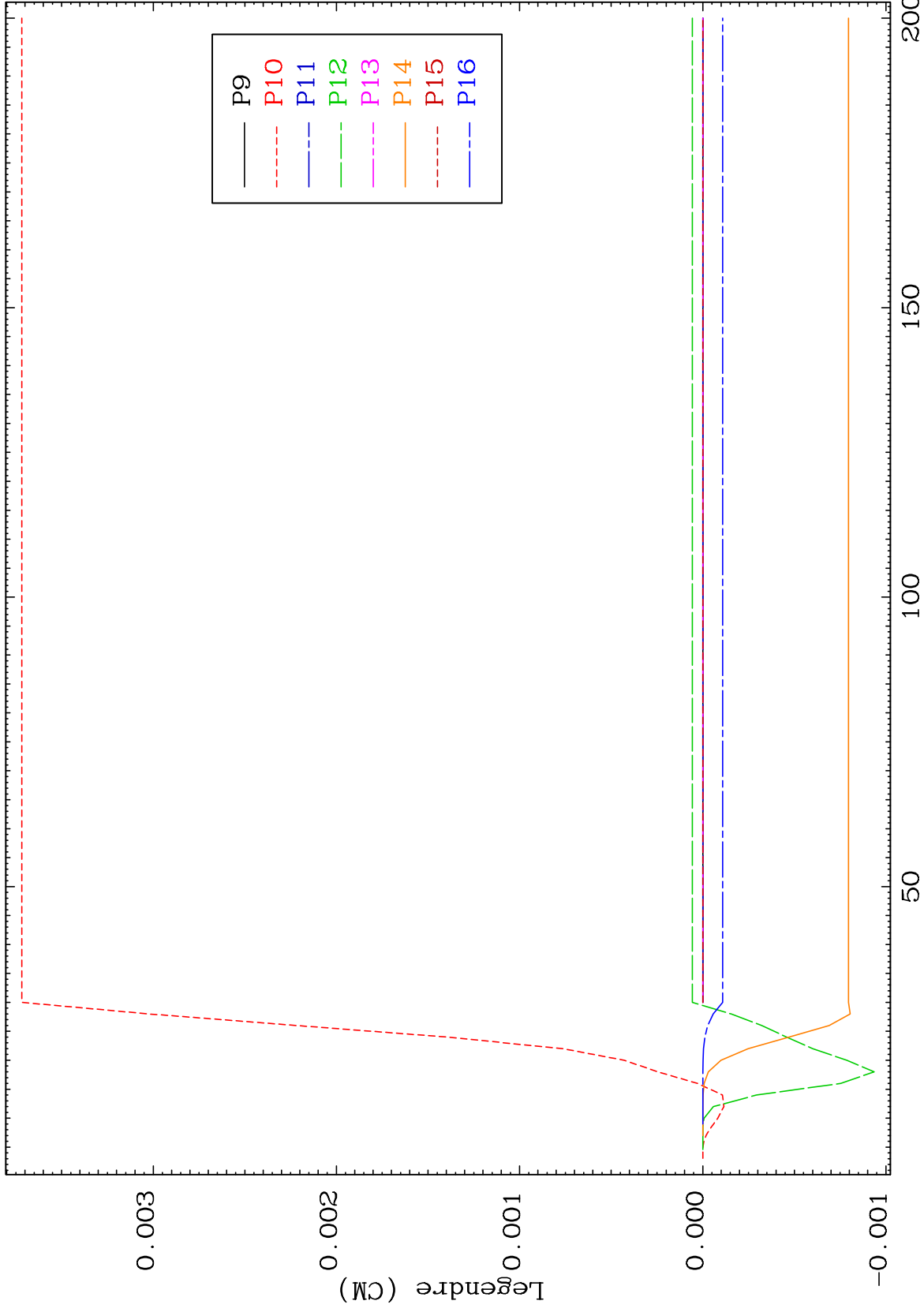
Incident Energy (MeV)

32-Ge-76

MAT 3243

MT= 76 (n,n') Level  
Legendre Coefficients

32-Ge-76



97

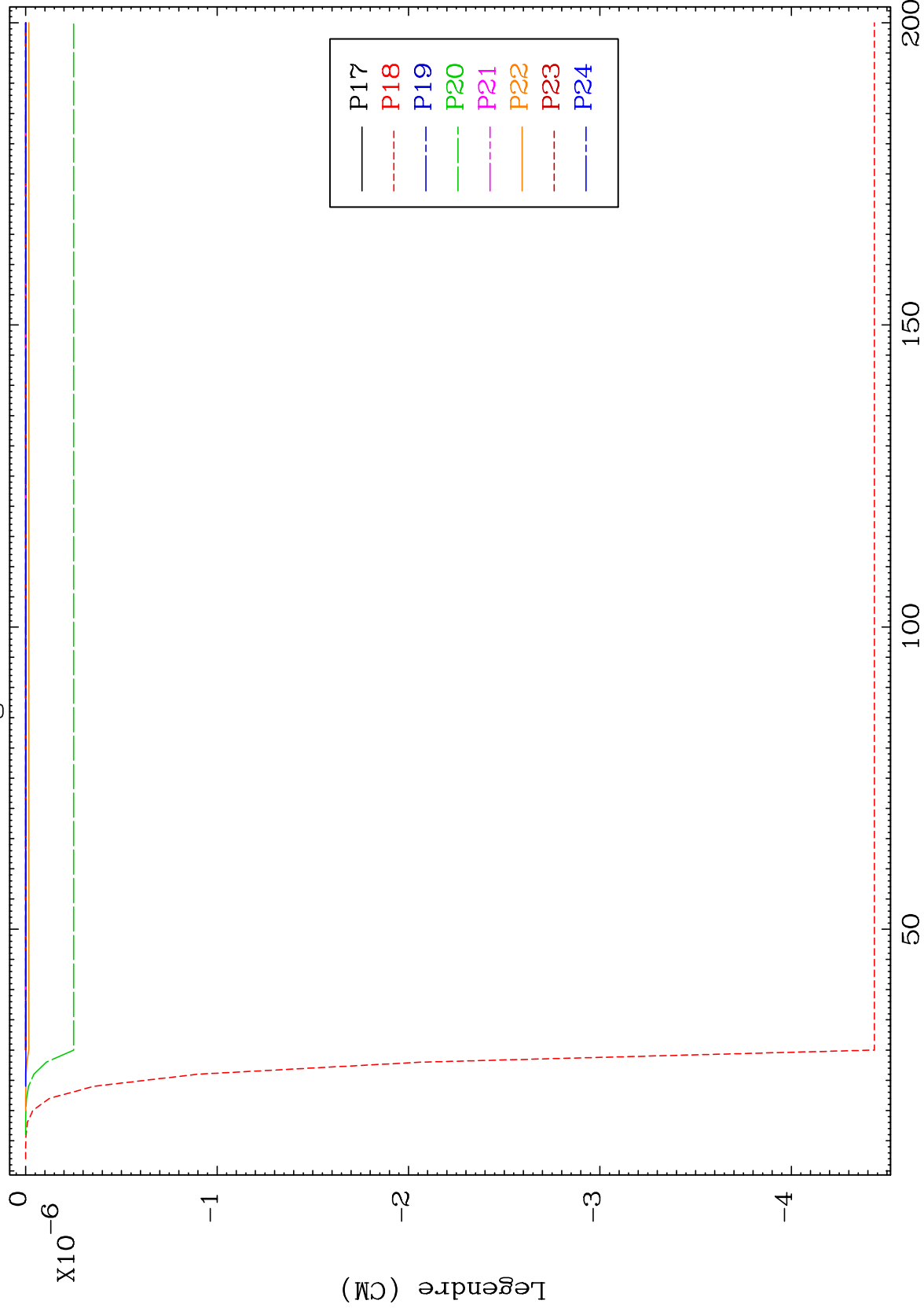
Incident Energy (MeV)

32-Ge-76

MAT 3243

MT= 76 (n,n') Level  
Legendre Coefficients

32-Ge-76



32-Ge-76

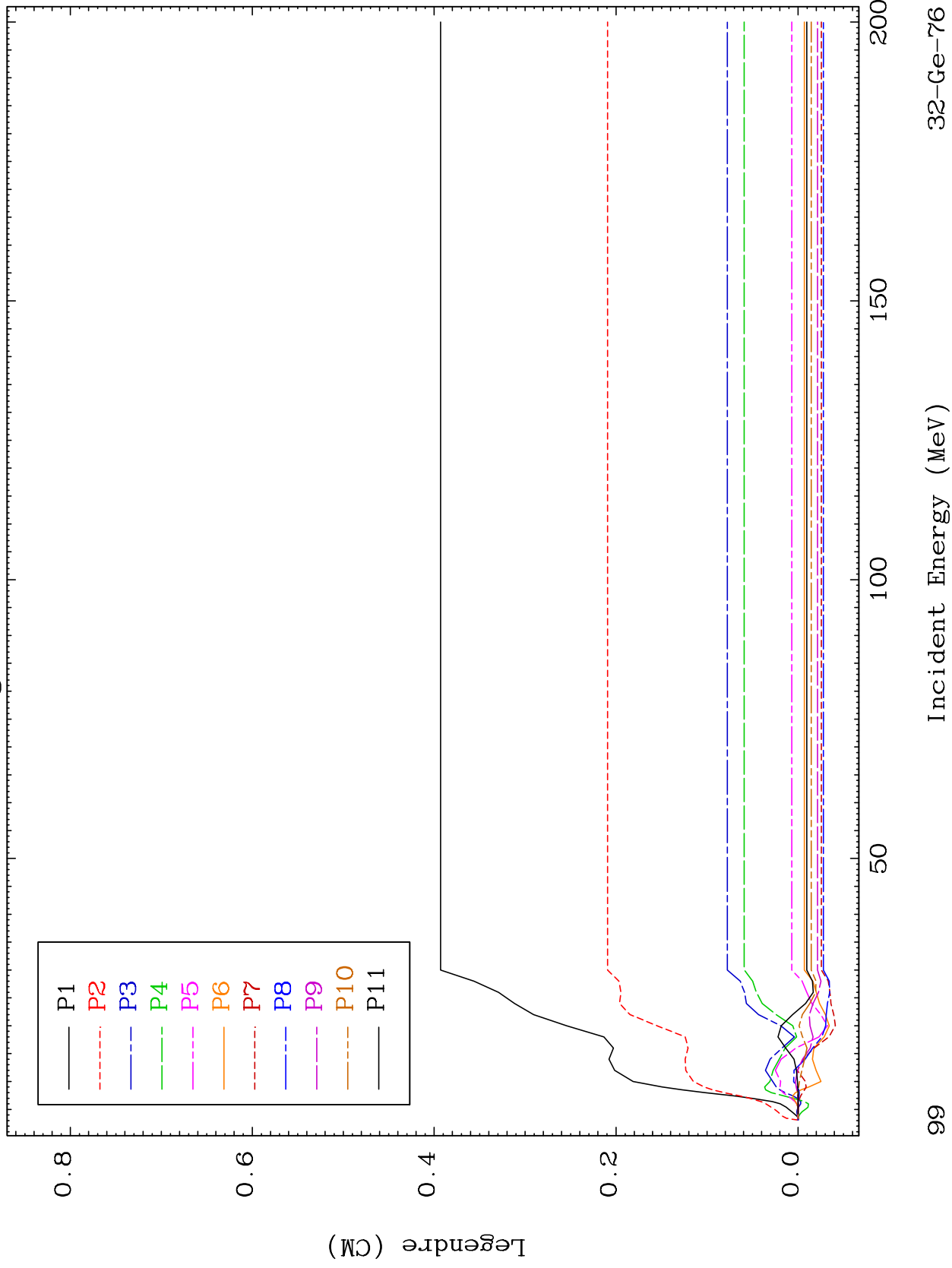
Incident Energy (MeV)

98

MAT 3243

MT= 77 (n,n') Level  
Legendre Coefficients

32-Ge-76



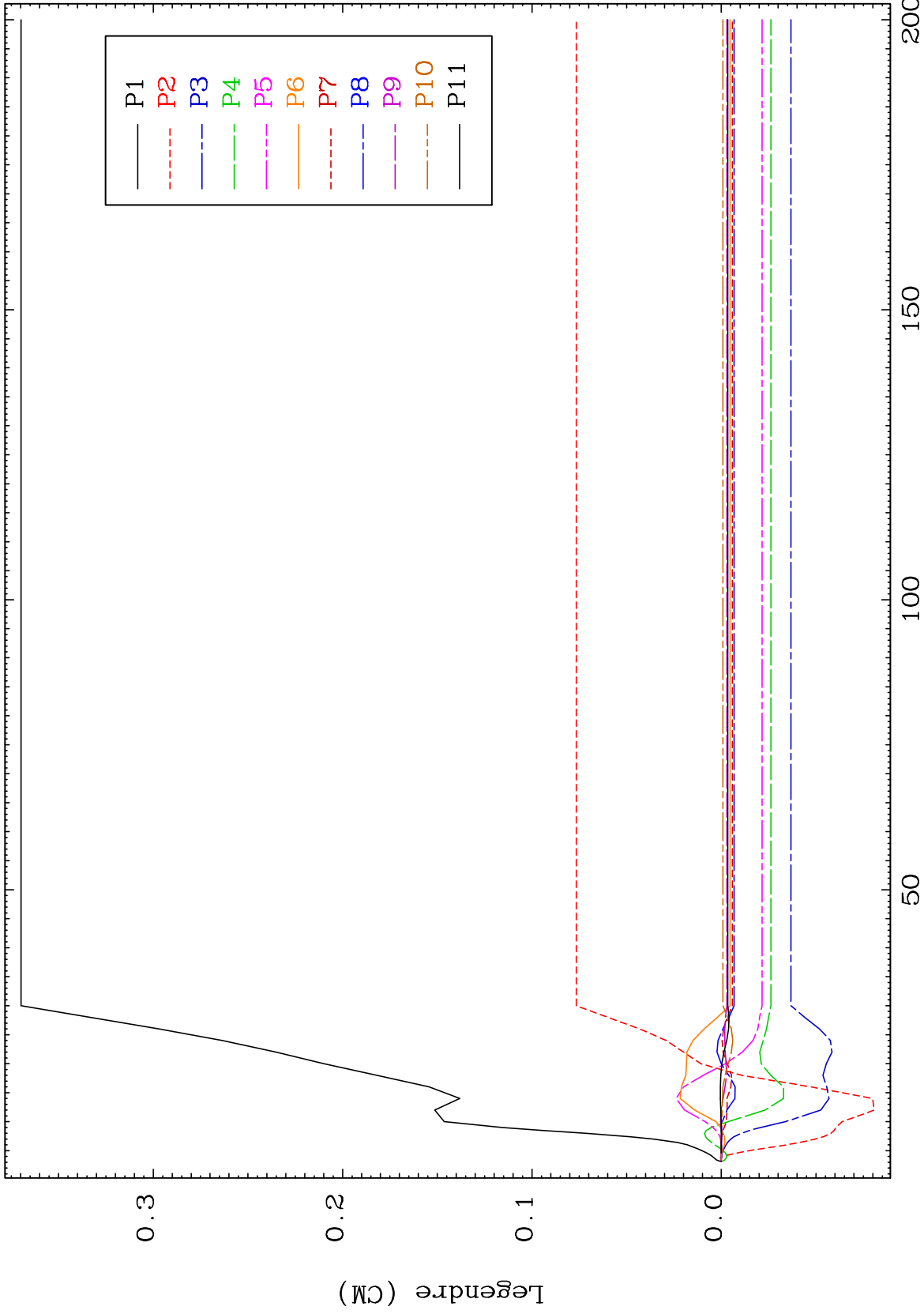




MAT 3243

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

32-Ge-76



102

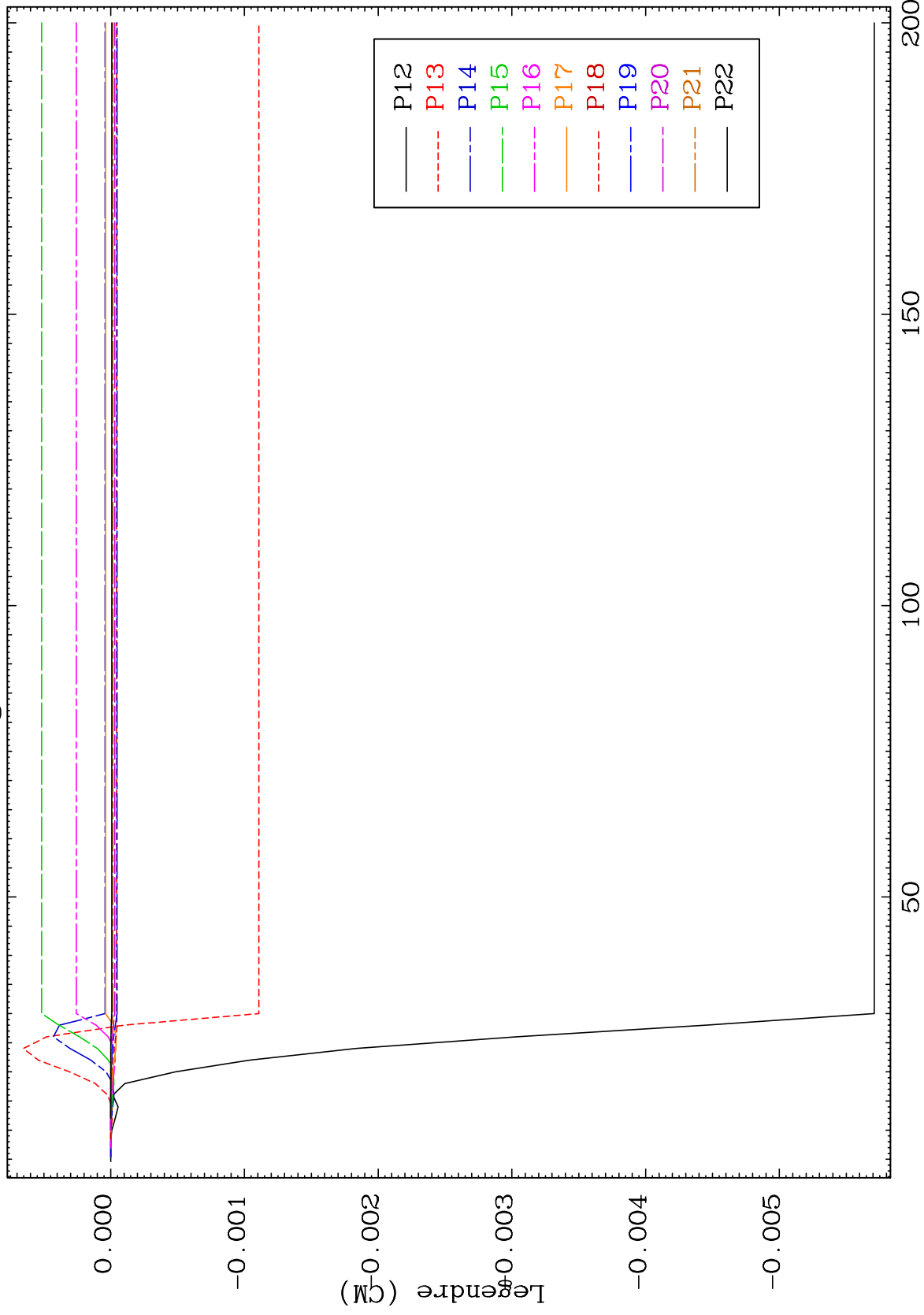
Incident Energy (MeV)

32-Ge-76

MAT 3243

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

32-Ge-76

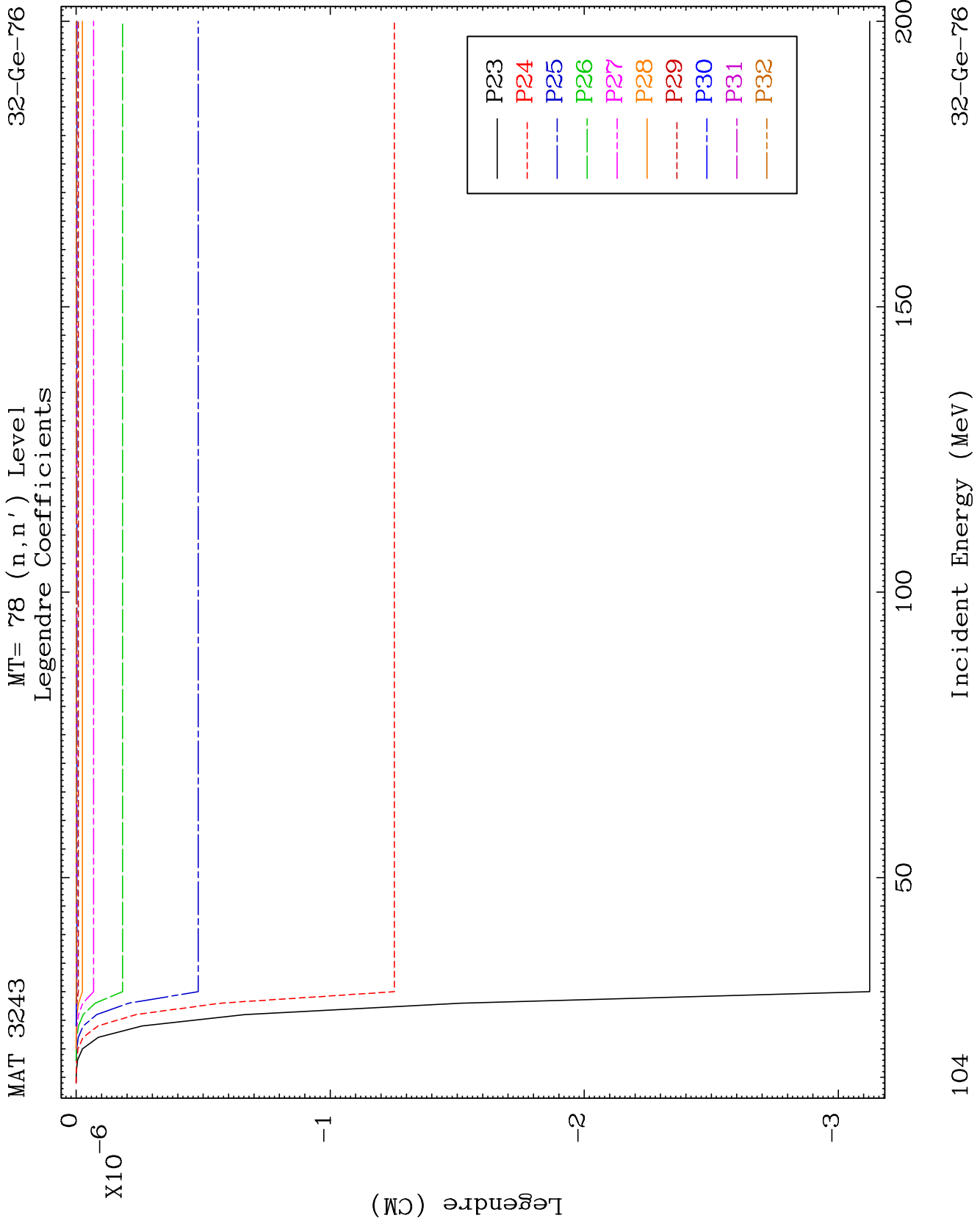


103

Incident Energy (MeV)

32-Ge-76

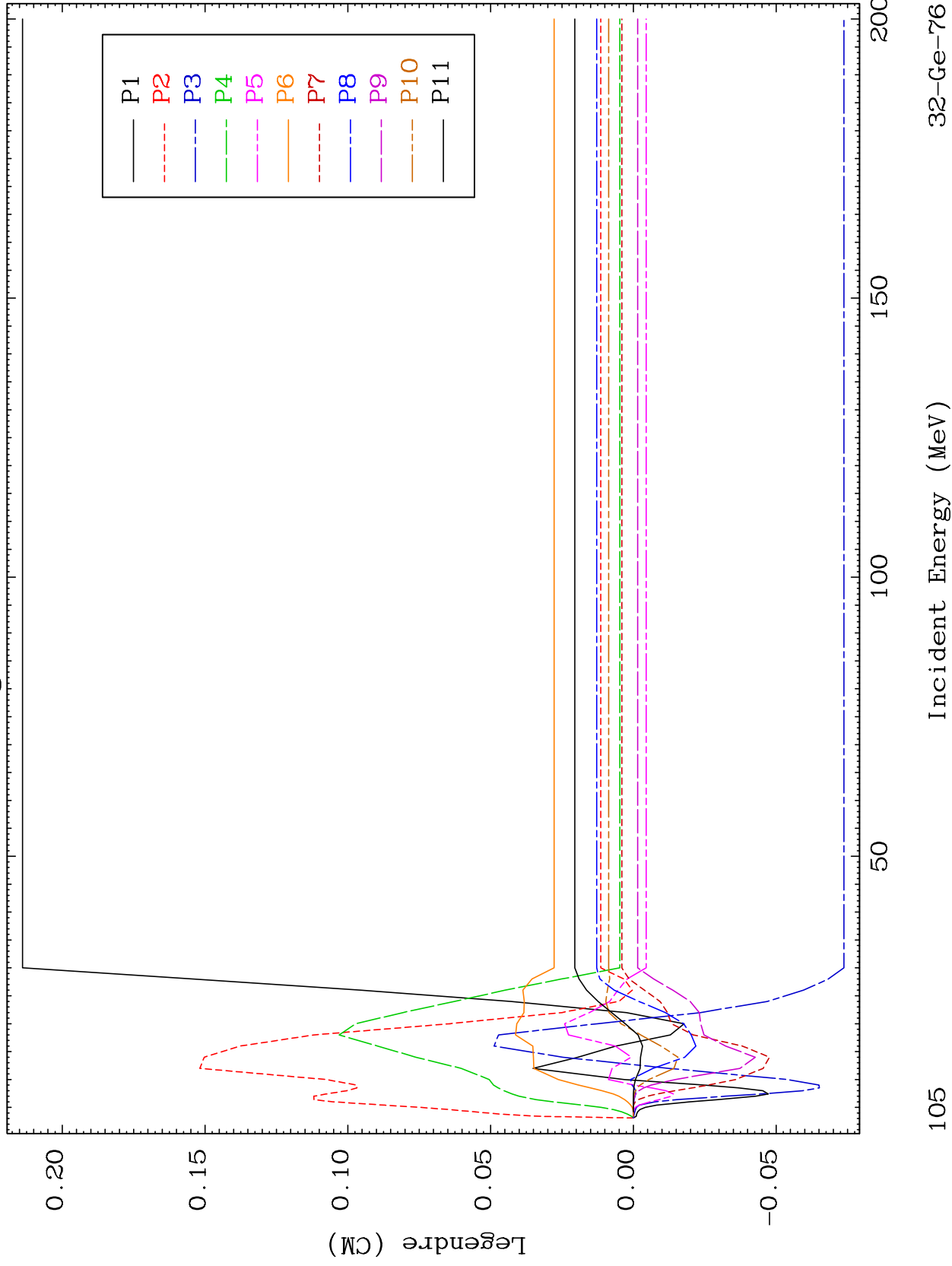




MAT 3243

MT= 79 (n,n') Level  
Legendre Coefficients

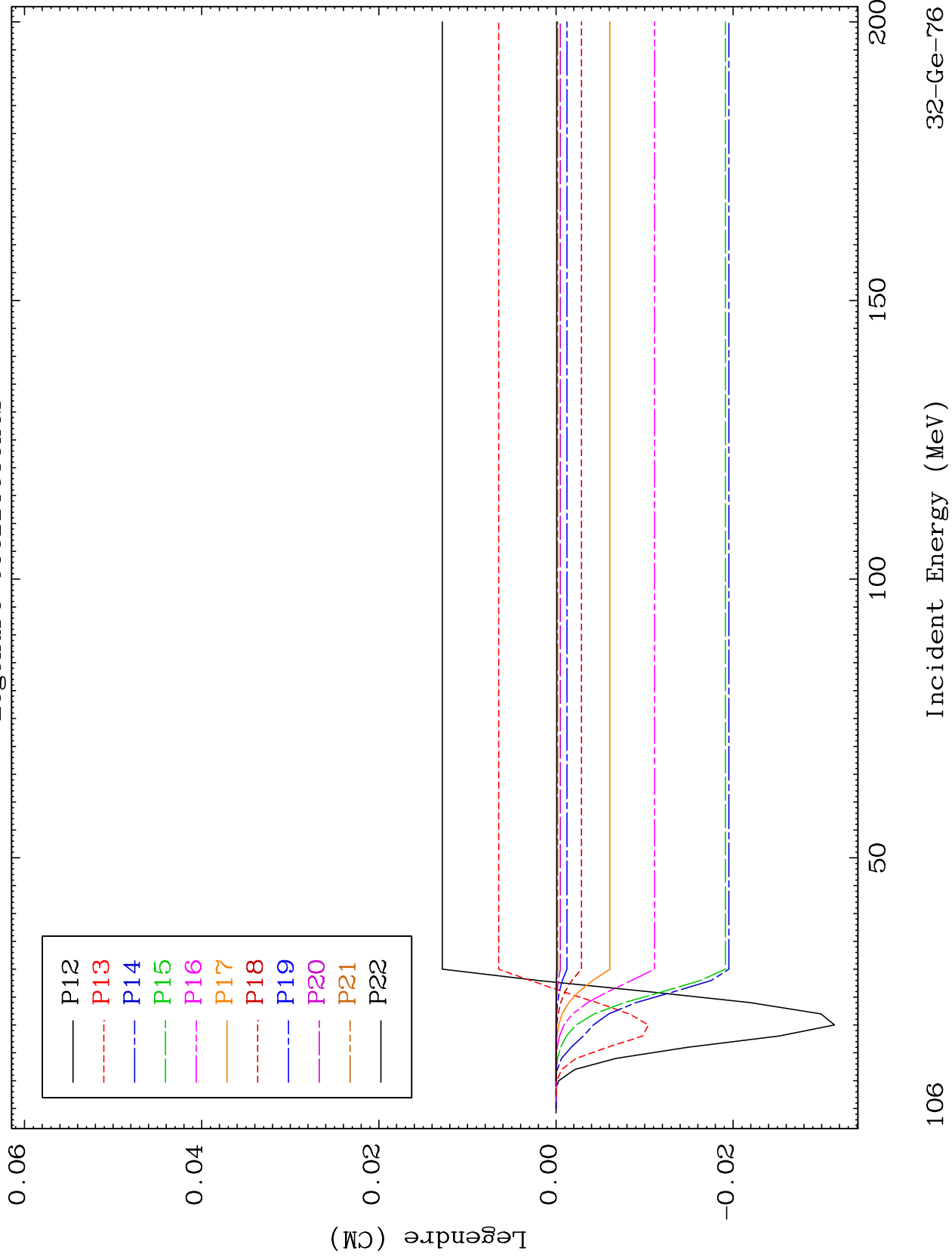
32-Ge-76



MAT 3243

MT= 79 (n,n') Level  
Legendre Coefficients

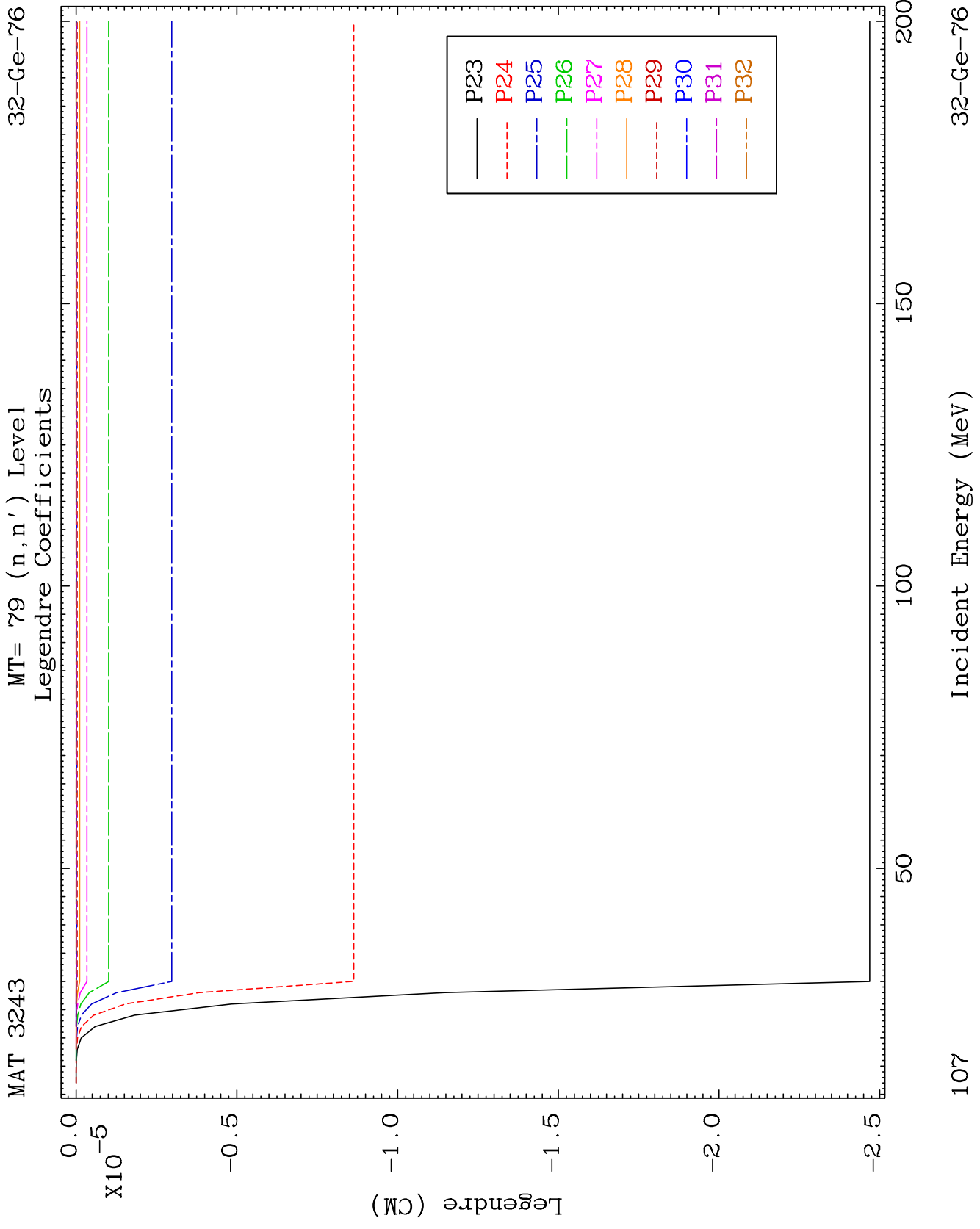
32-Ge-76



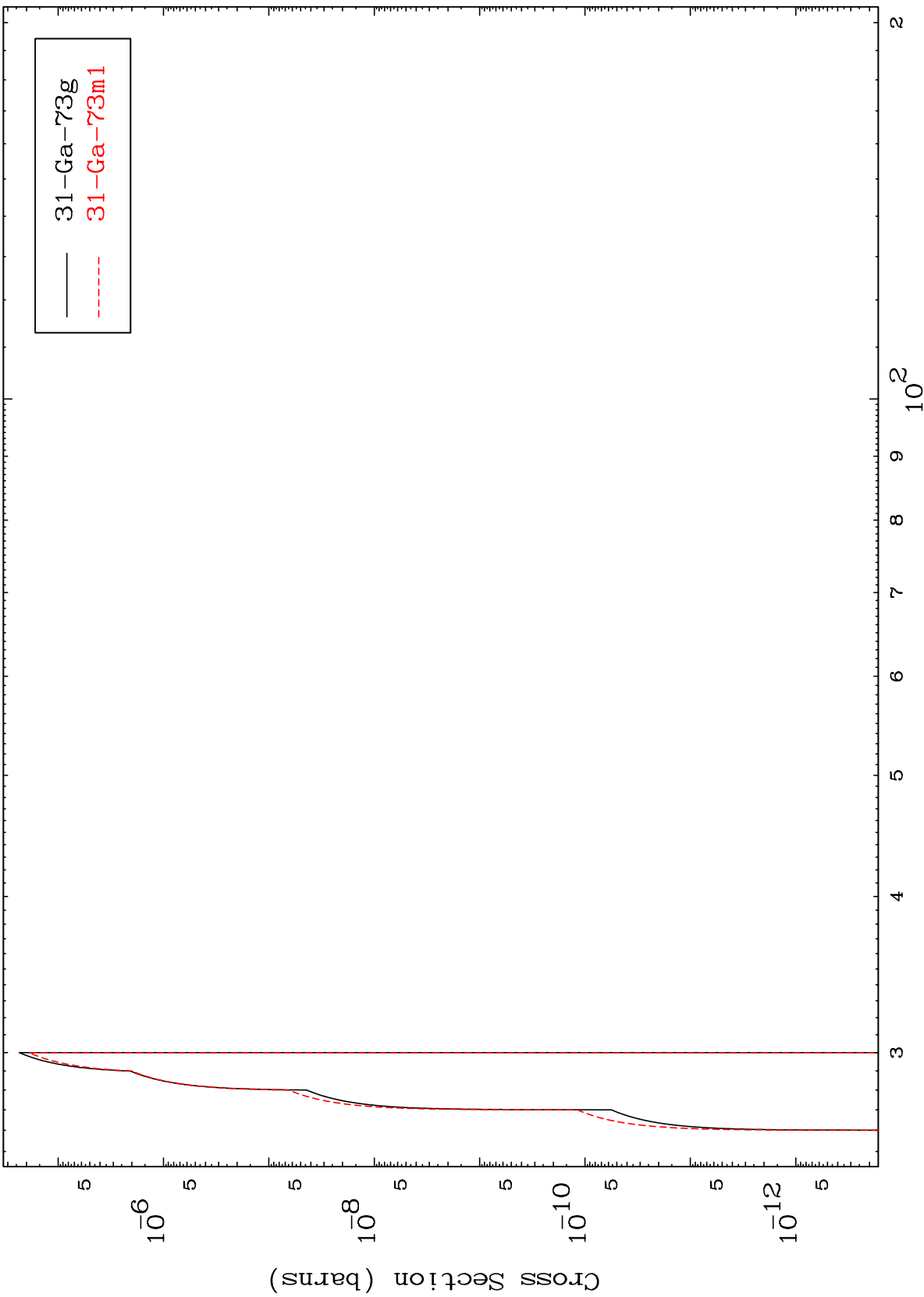
106

Incident Energy (MeV)

32-Ge-76



Radionuclide Production Cross Section



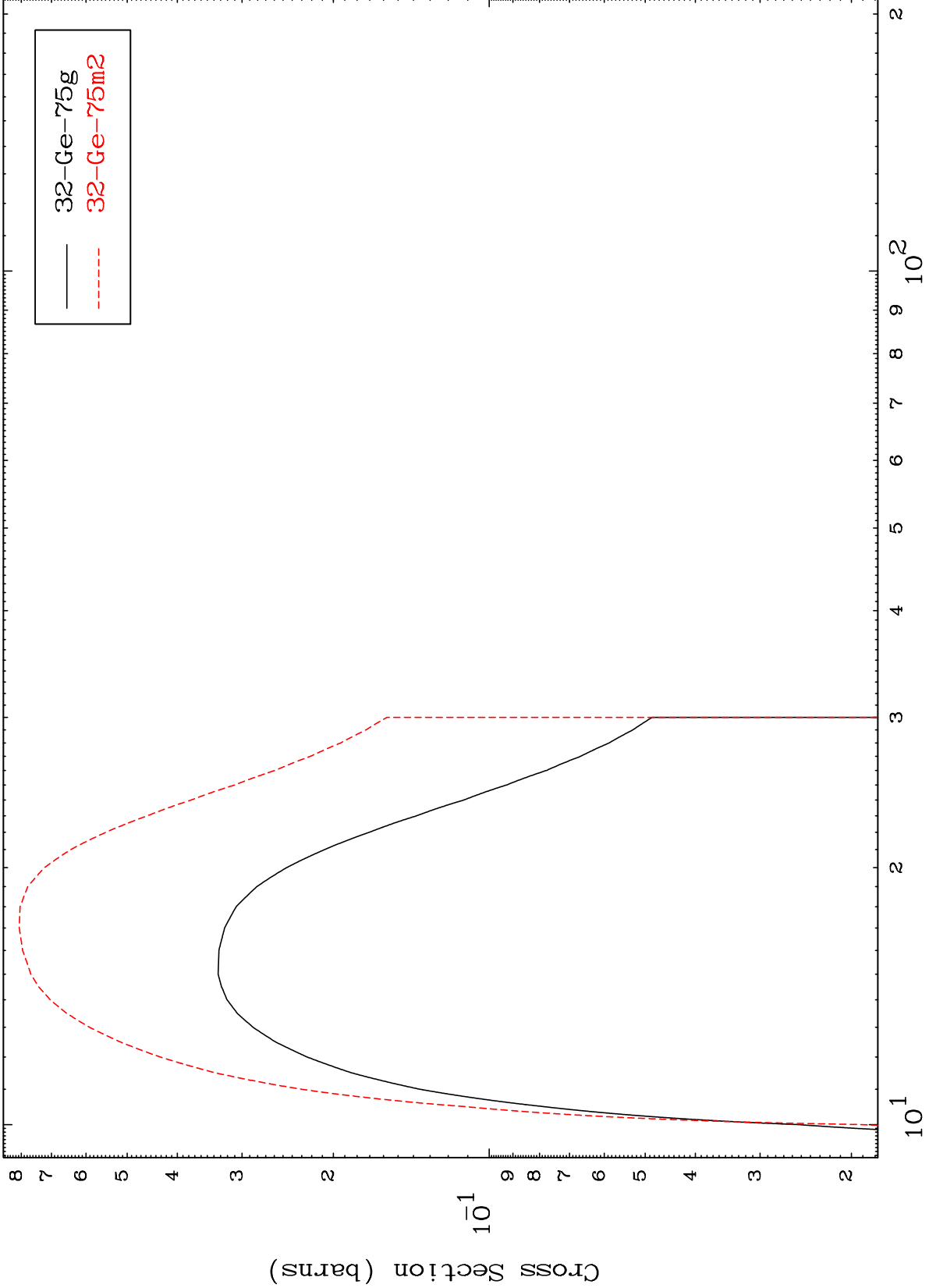
31-Ga-73g  
31-Ga-73m1

MAT 3243

(n,2n)

<sup>32</sup>Ge-76

Radionuclide Production Cross Section



— 32-Ge-75g  
- - - 32-Ge-75m2

109

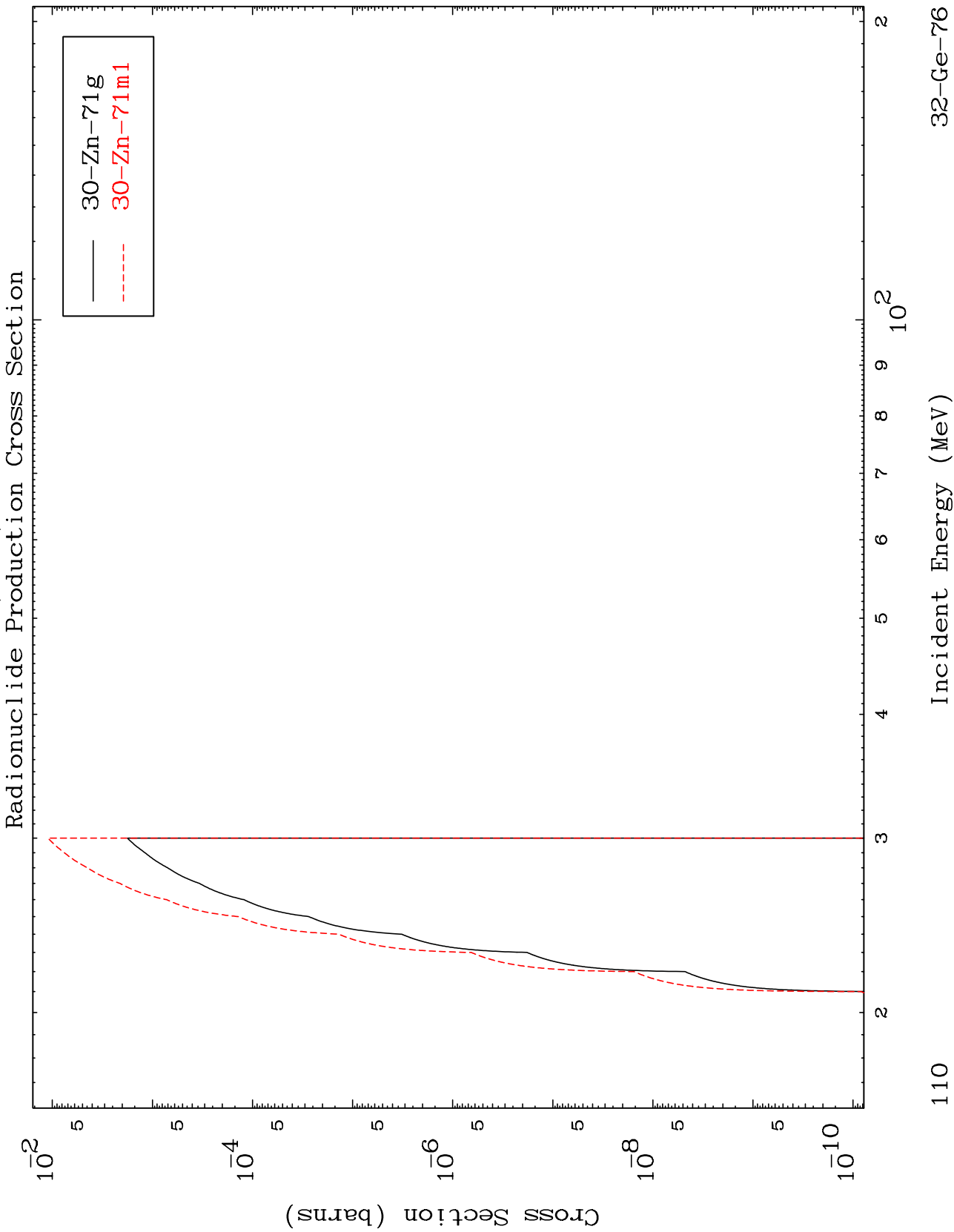
Incident Energy (MeV)

<sup>32</sup>Ge-76

MAT 3243

$(n,2n) \alpha$

32-Ge-76



110

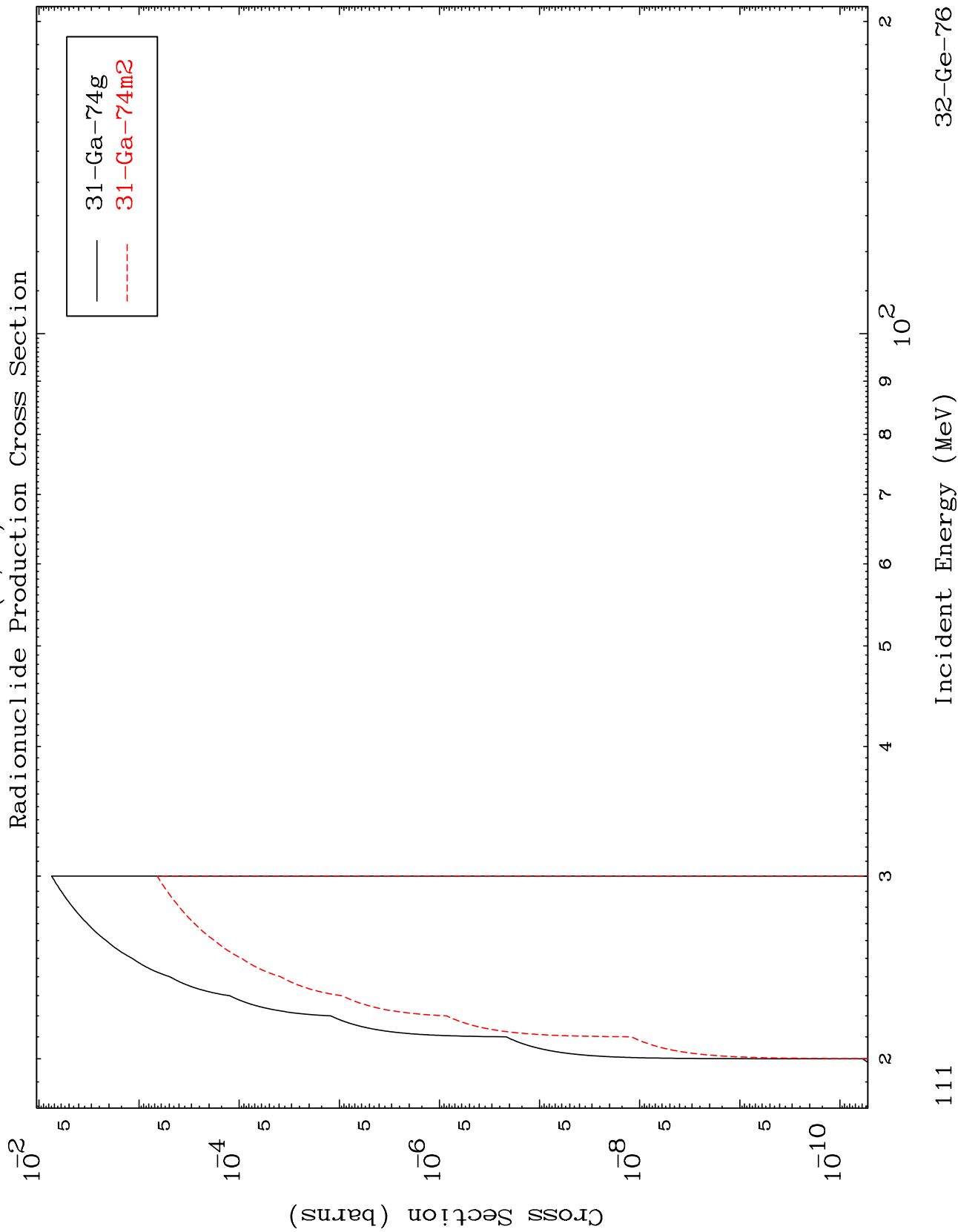
Incident Energy (MeV)

32-Ge-76

MAT 3243

(n,n') d

32-Ge-76



111

32-Ge-76

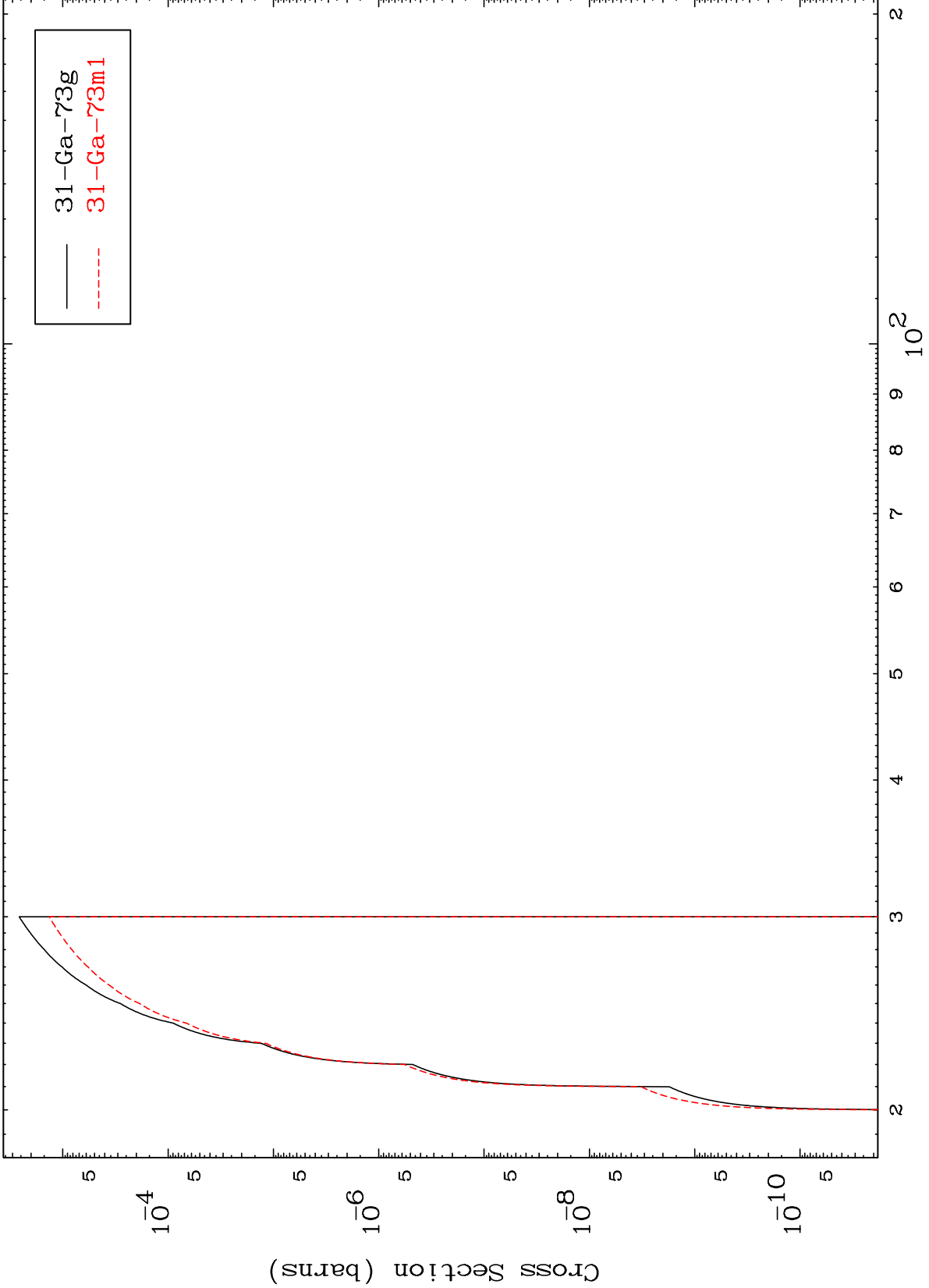


MAT 3243

(n,n') t

32-Ge-76

Radionuclide Production Cross Section



112

Incident Energy (MeV)

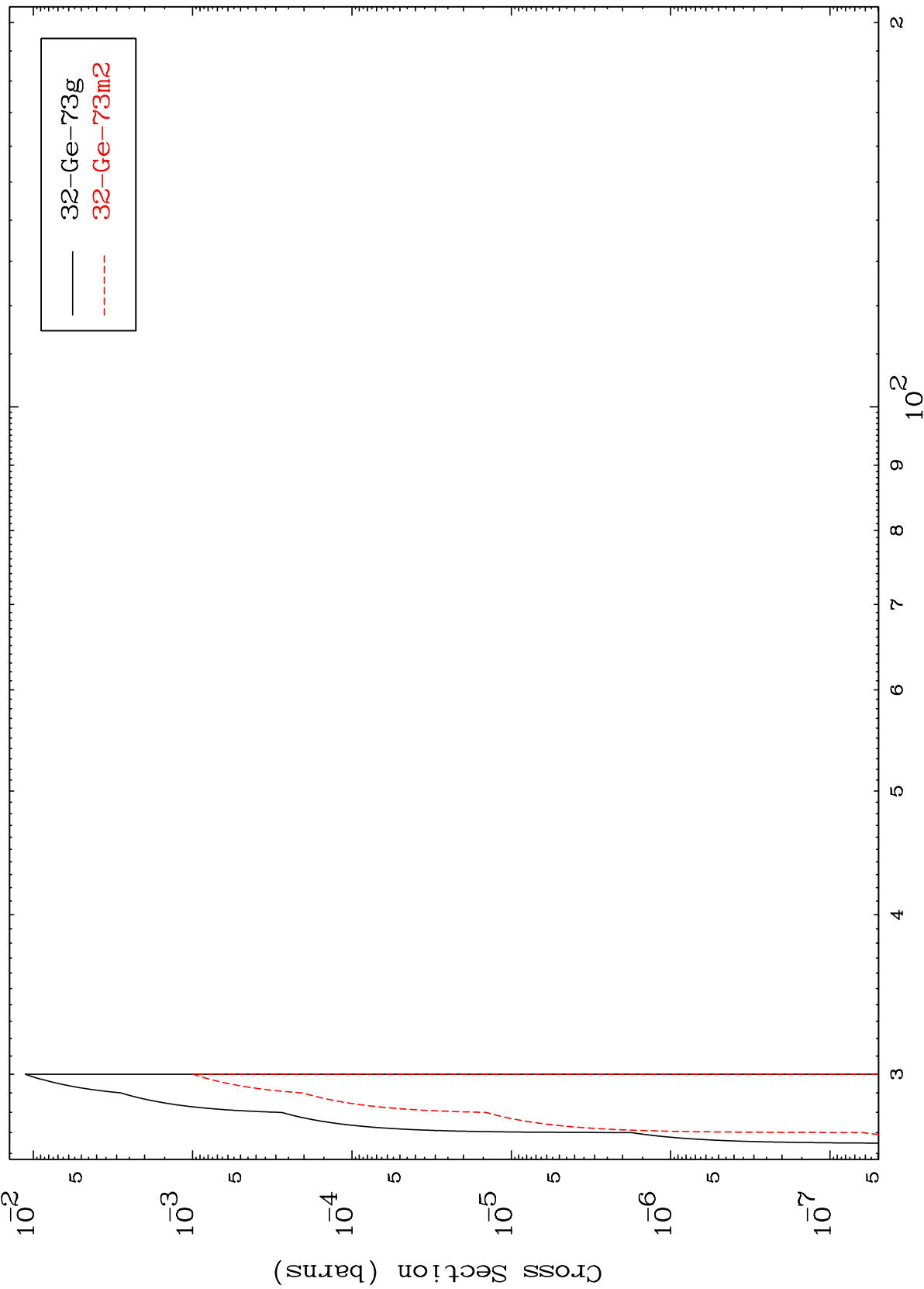
32-Ge-76

MAT 3243

<sup>32</sup>Ge-76

(n,4n)

Radionuclide Production Cross Section



32-Ge-73g  
32-Ge-73m2

113

<sup>32</sup>Ge-76

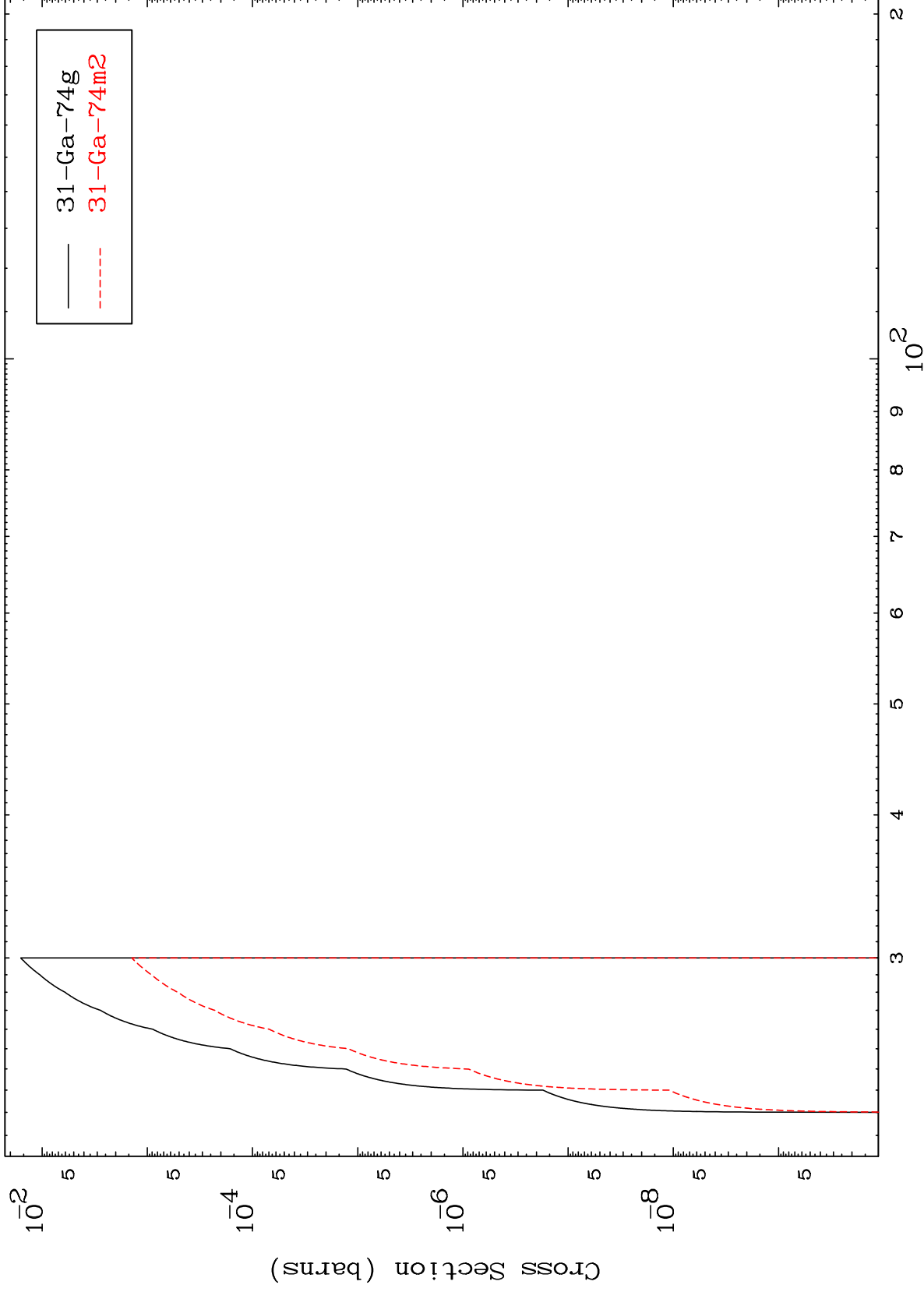
Incident Energy (MeV)

MAT 3243

(n,2n) p

32-Ge-76

Radionuclide Production Cross Section



114

Incident Energy (MeV)

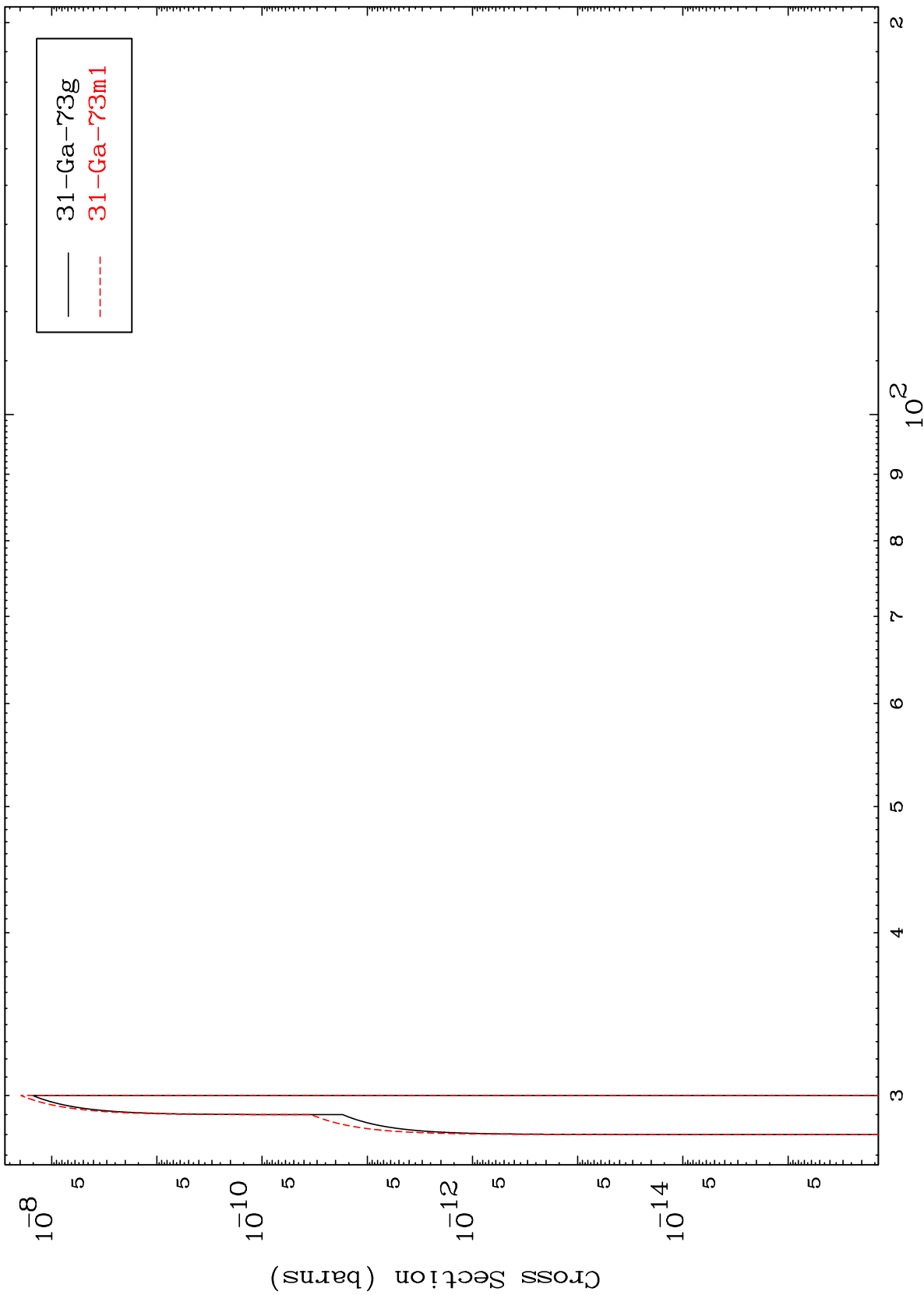
32-Ge-76

MAT 3243

(n,3n) p

32-Ge-76

Radionuclide Production Cross Section



115

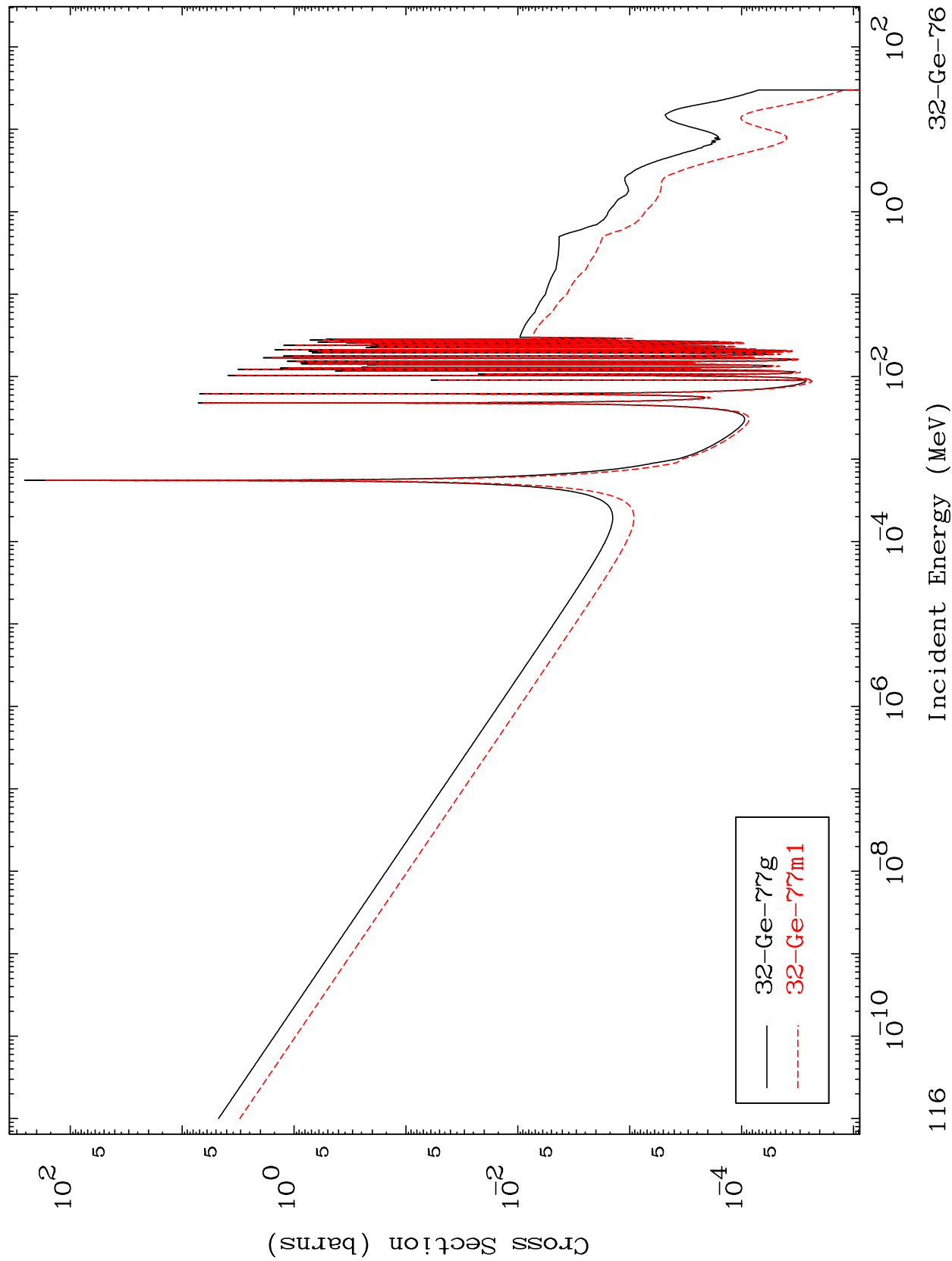
Incident Energy (MeV)

32-Ge-76

MAT 3243

$^{32}\text{Ge-76}$

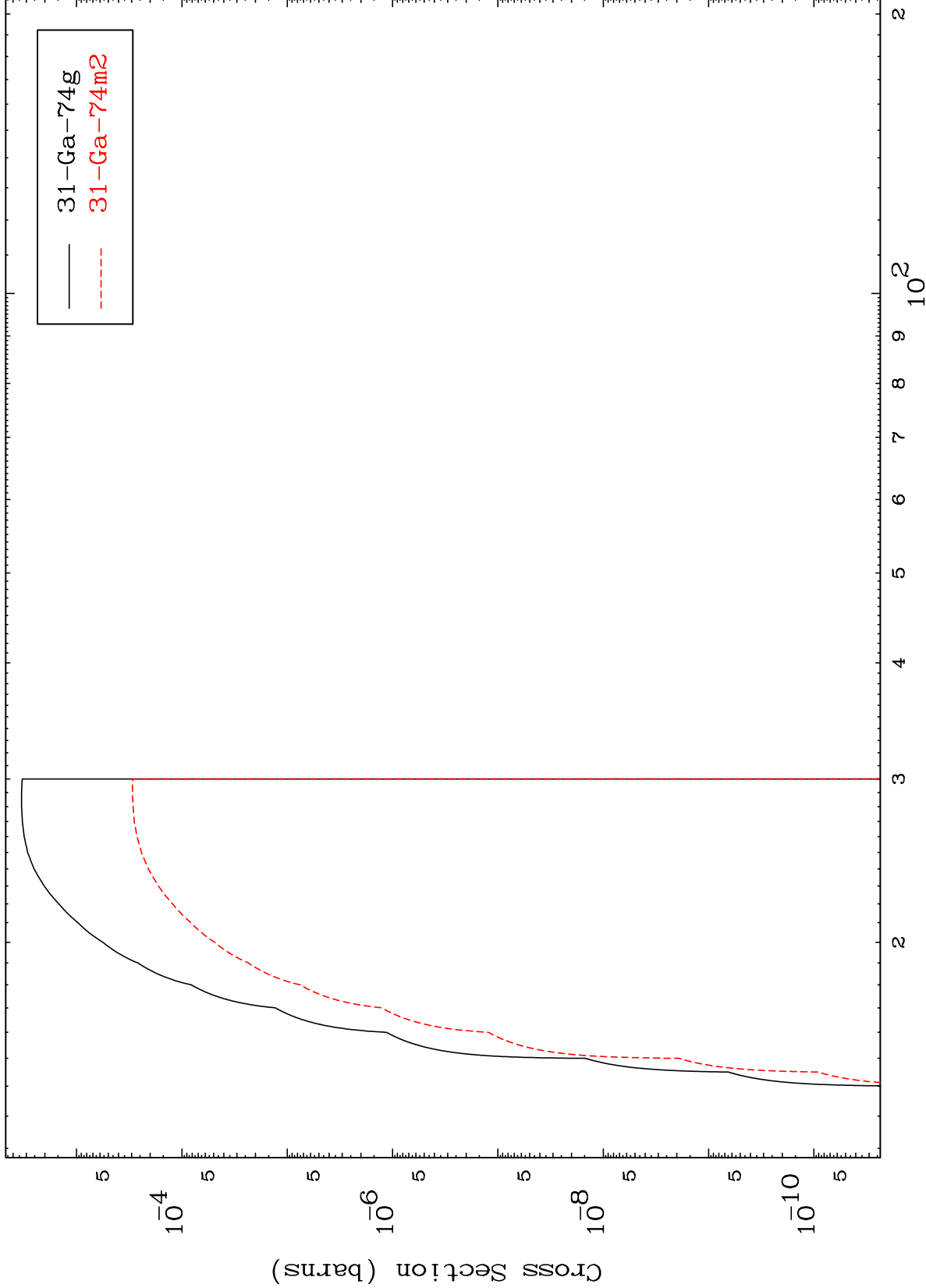
$(n, \gamma)$   
Radionuclide Production Cross Section



116

$^{32}\text{Ge-76}$

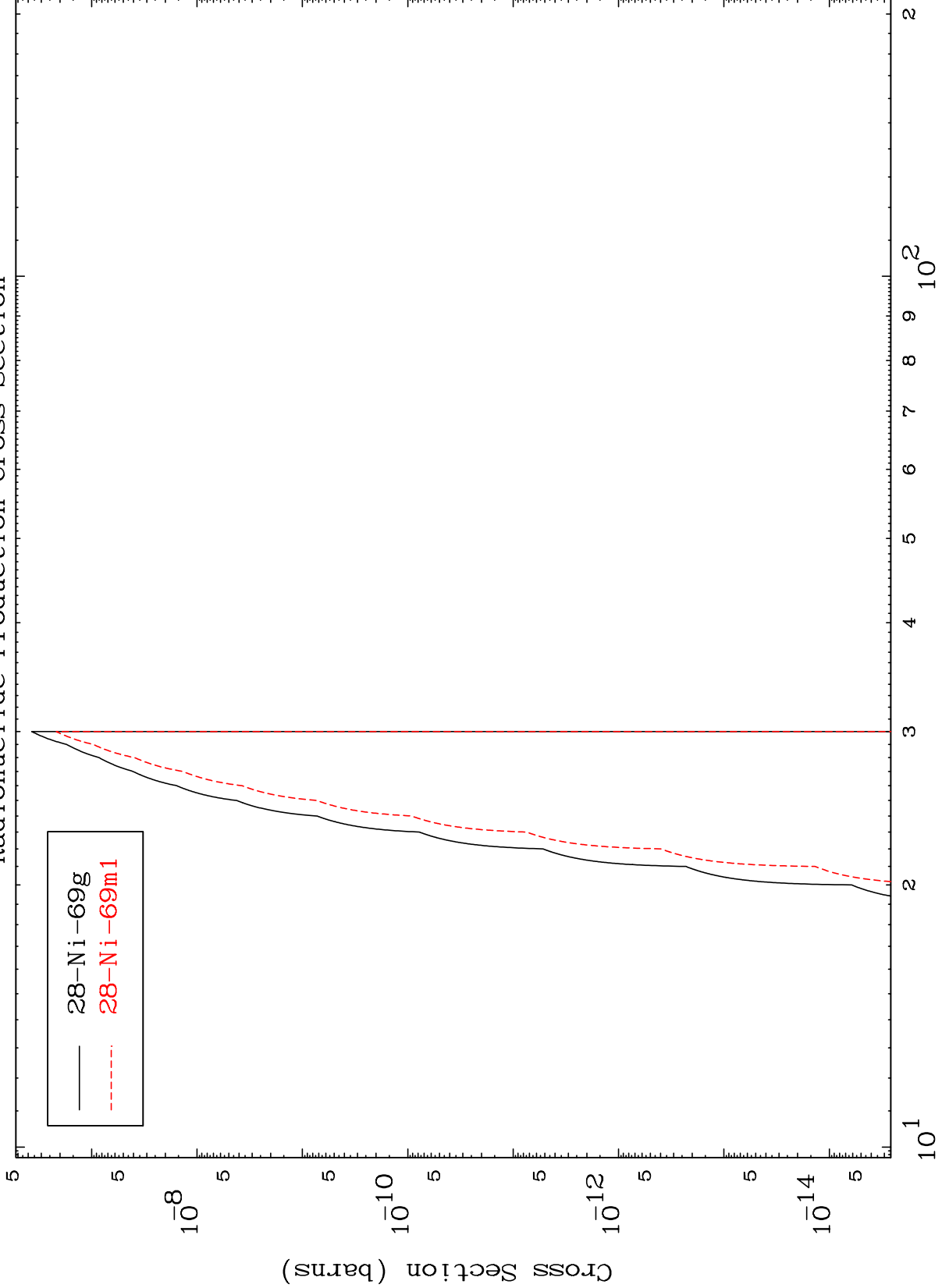
Radionuclide Production Cross Section



MAT 3243

<sup>32</sup>Ge-76

Radionuclide Production Cross Section  
(n,2α)



— 28-Ni-69g  
- - - 28-Ni-69m1

<sup>32</sup>Ge-76

Incident Energy (MeV)

118