

Program EVALPLOT
(Version 2018-1)

by

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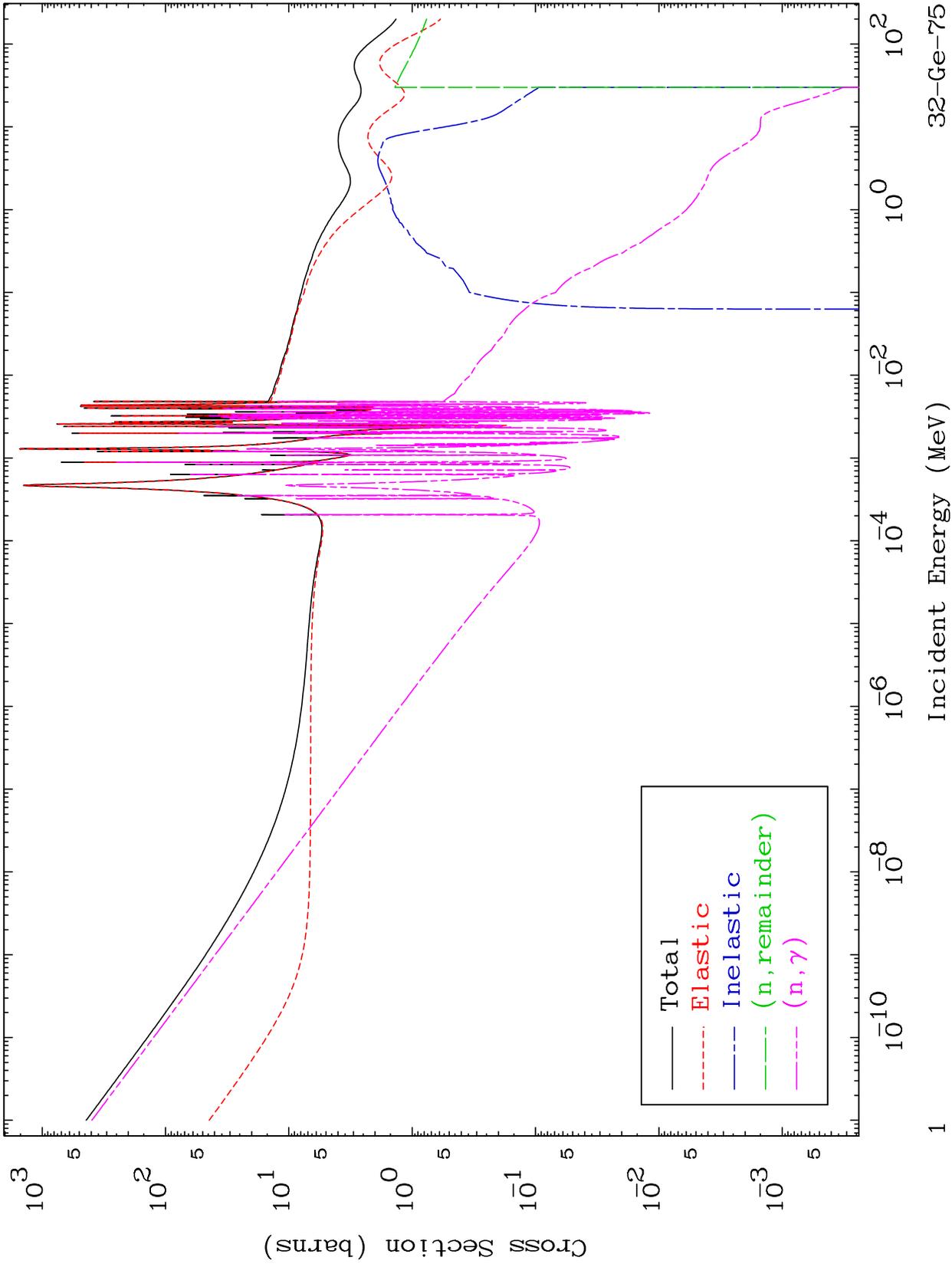
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MAT 3240

Major

293 Kelvin Cross Sections

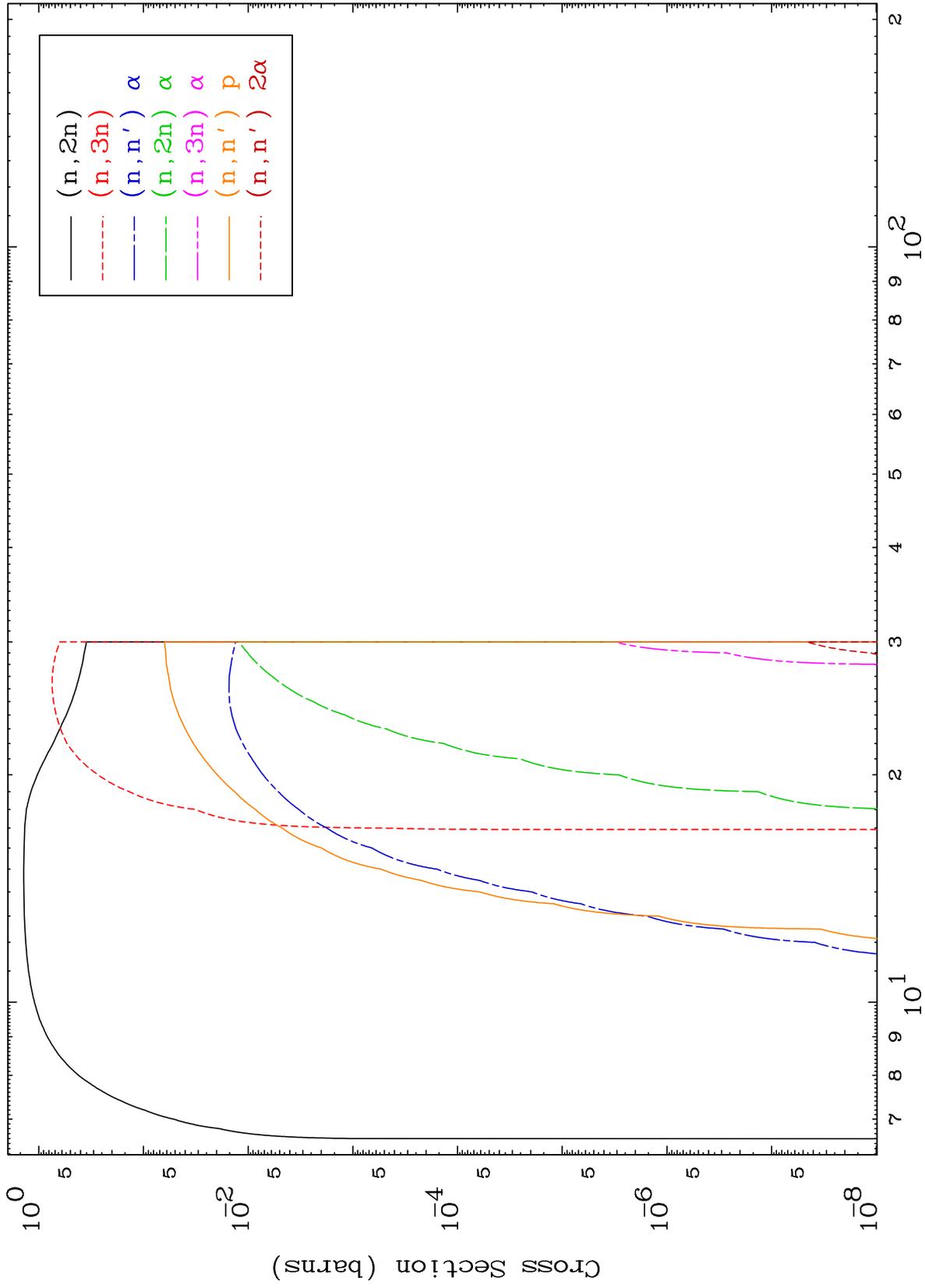
32-Ge-75



MAT 3240

Neutron Production
293 Kelvin Cross Sections

32-Ge-75



2

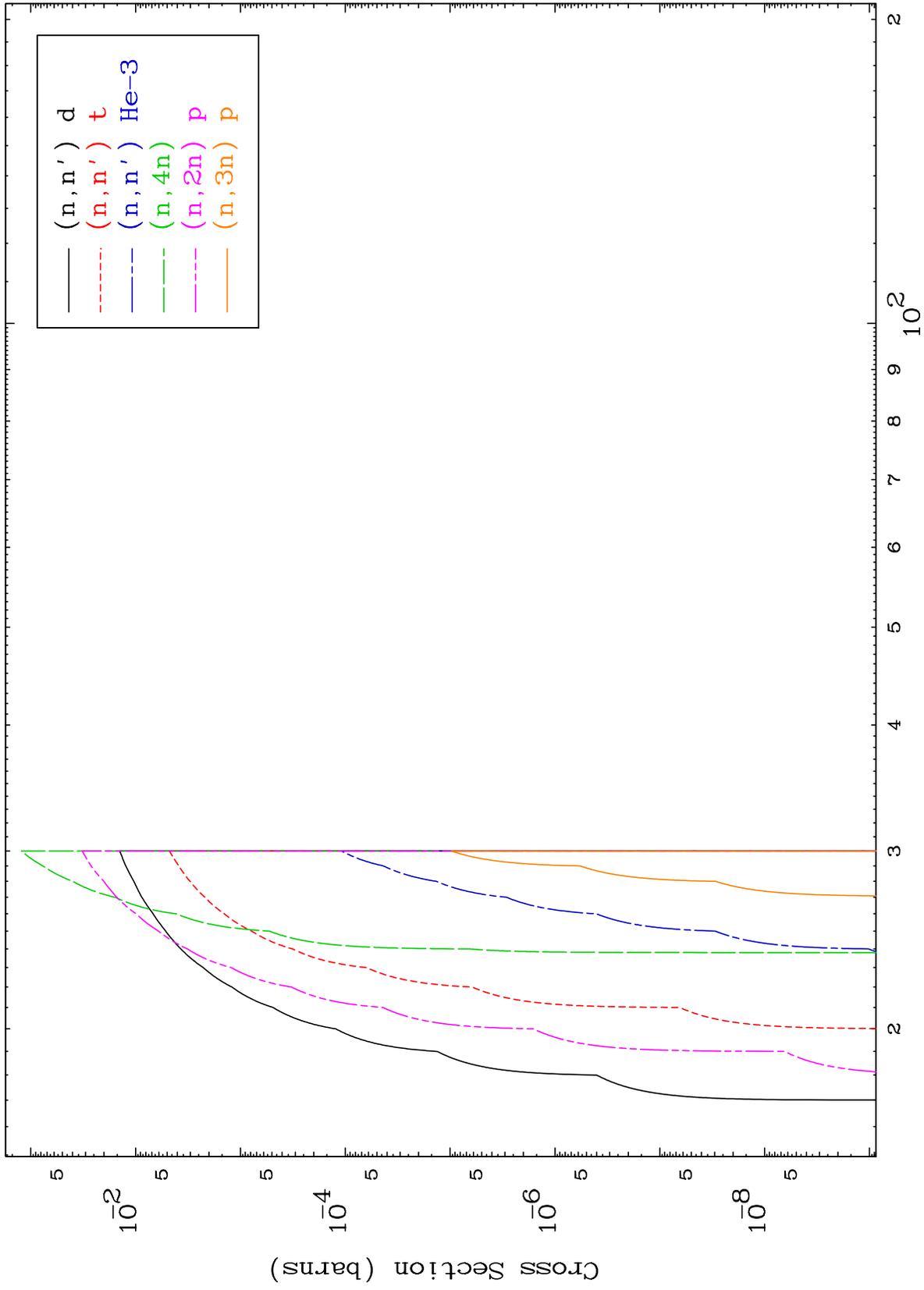
Incident Energy (MeV)

32-Ge-75

MAT 3240

Neutron Production
293 Kelvin Cross Sections

32-Ge-75



3

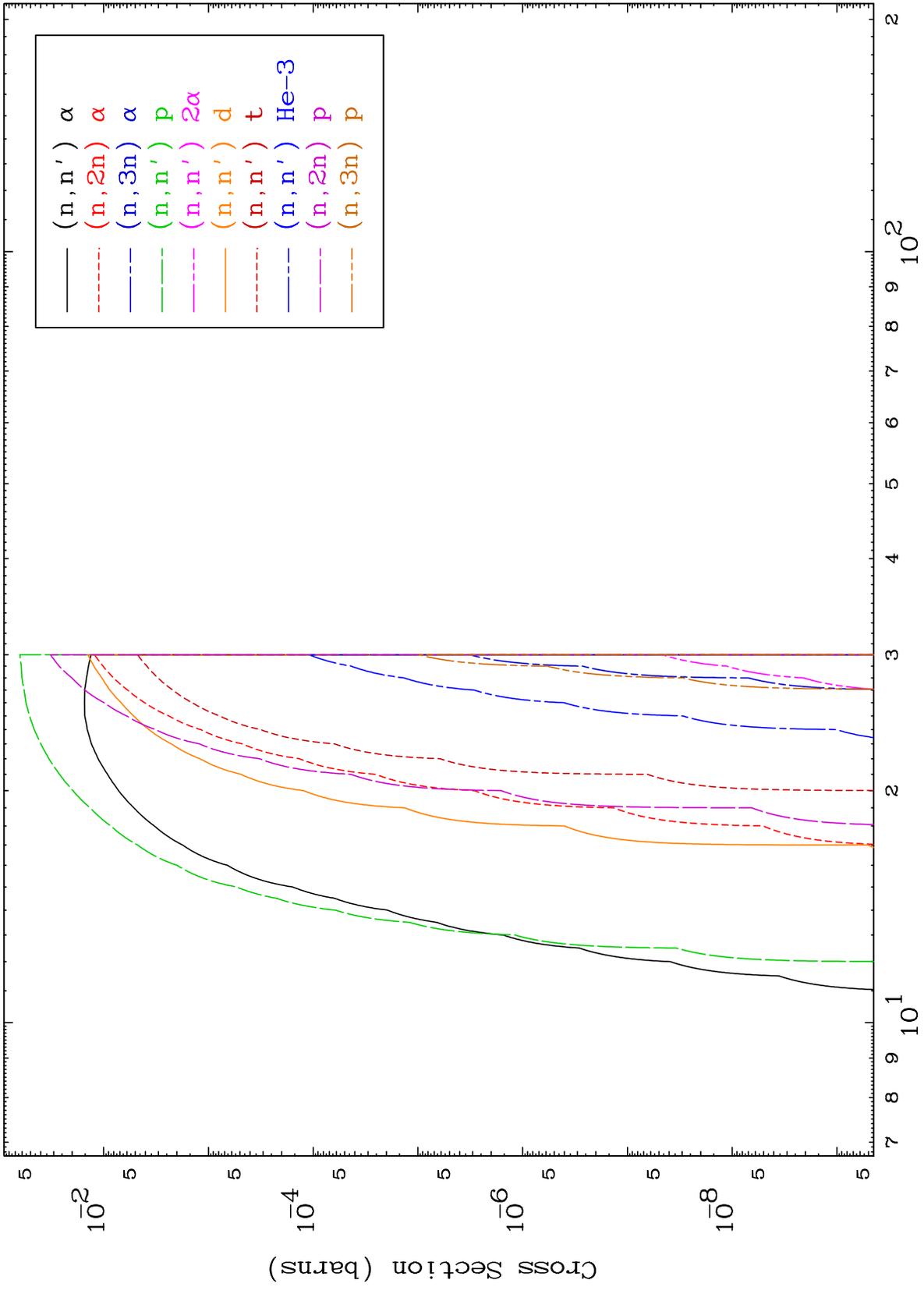
Incident Energy (MeV)

32-Ge-75

MAT 3240

Charged Particle
293 Kelvin Cross Sections

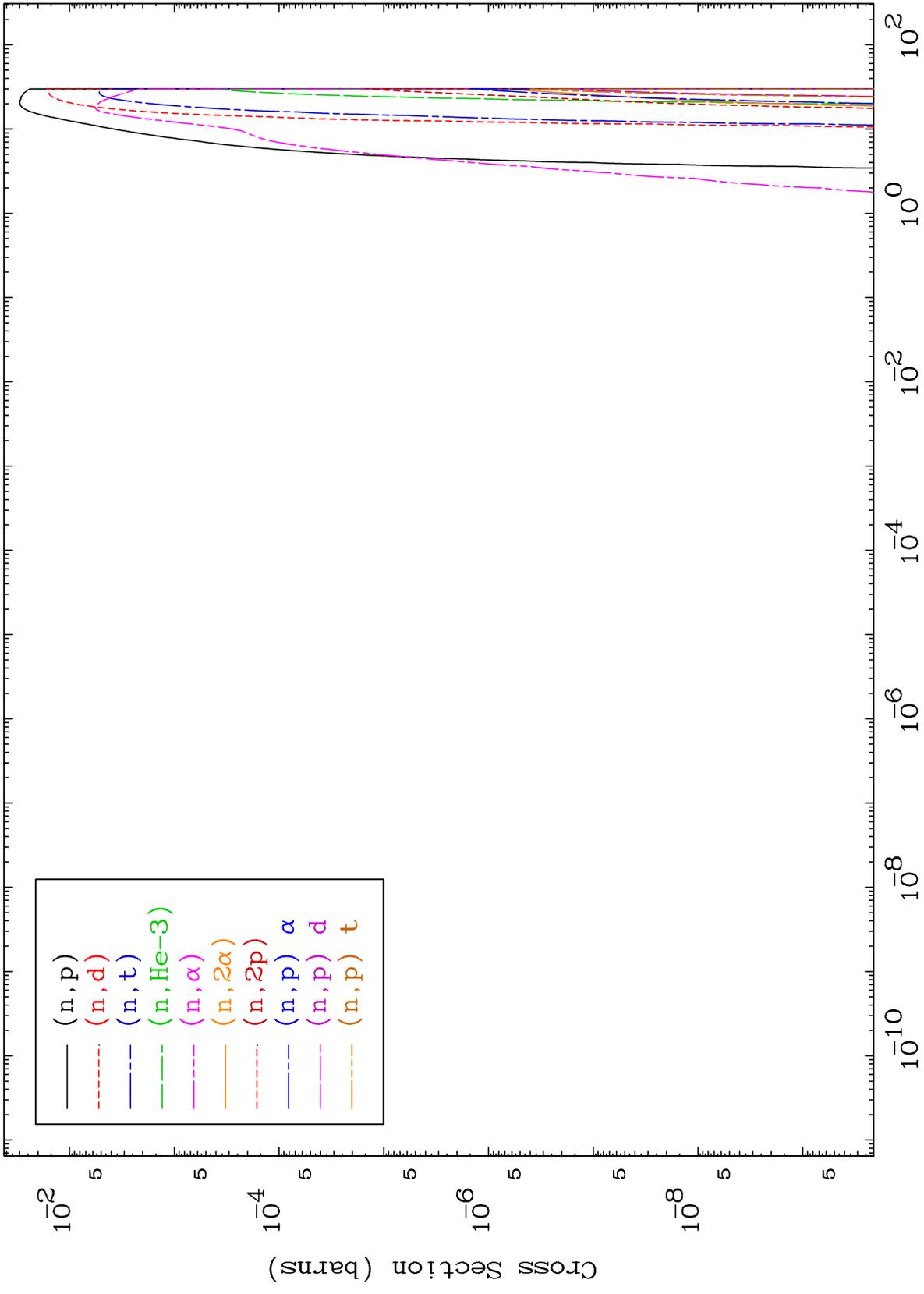
32-Ge-75



MAT 3240

Charged Particle
293 Kelvin Cross Sections

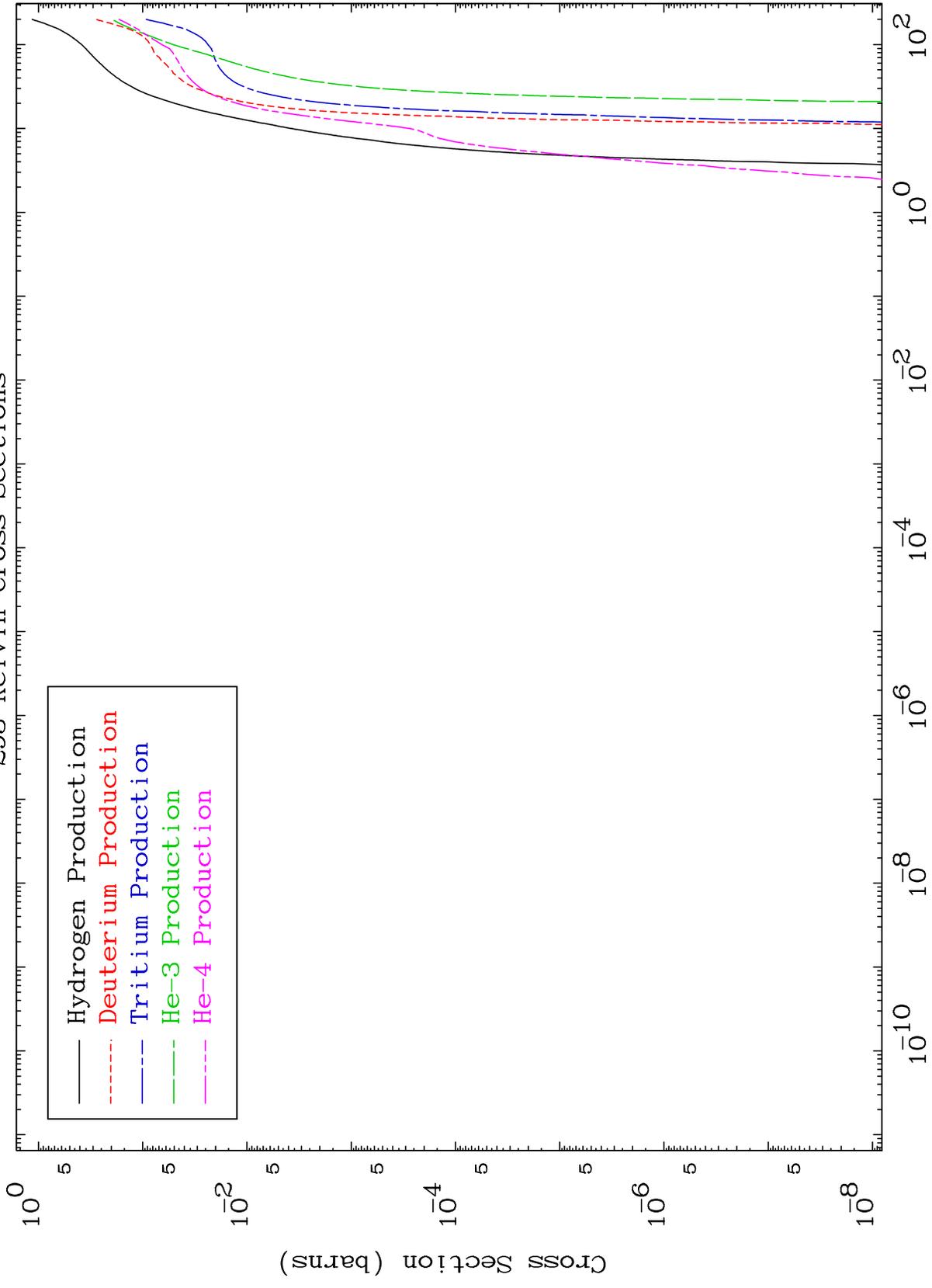
32-Ge-75



MAT 3240

Particle Production
293 Kelvin Cross Sections

32-Ge-75

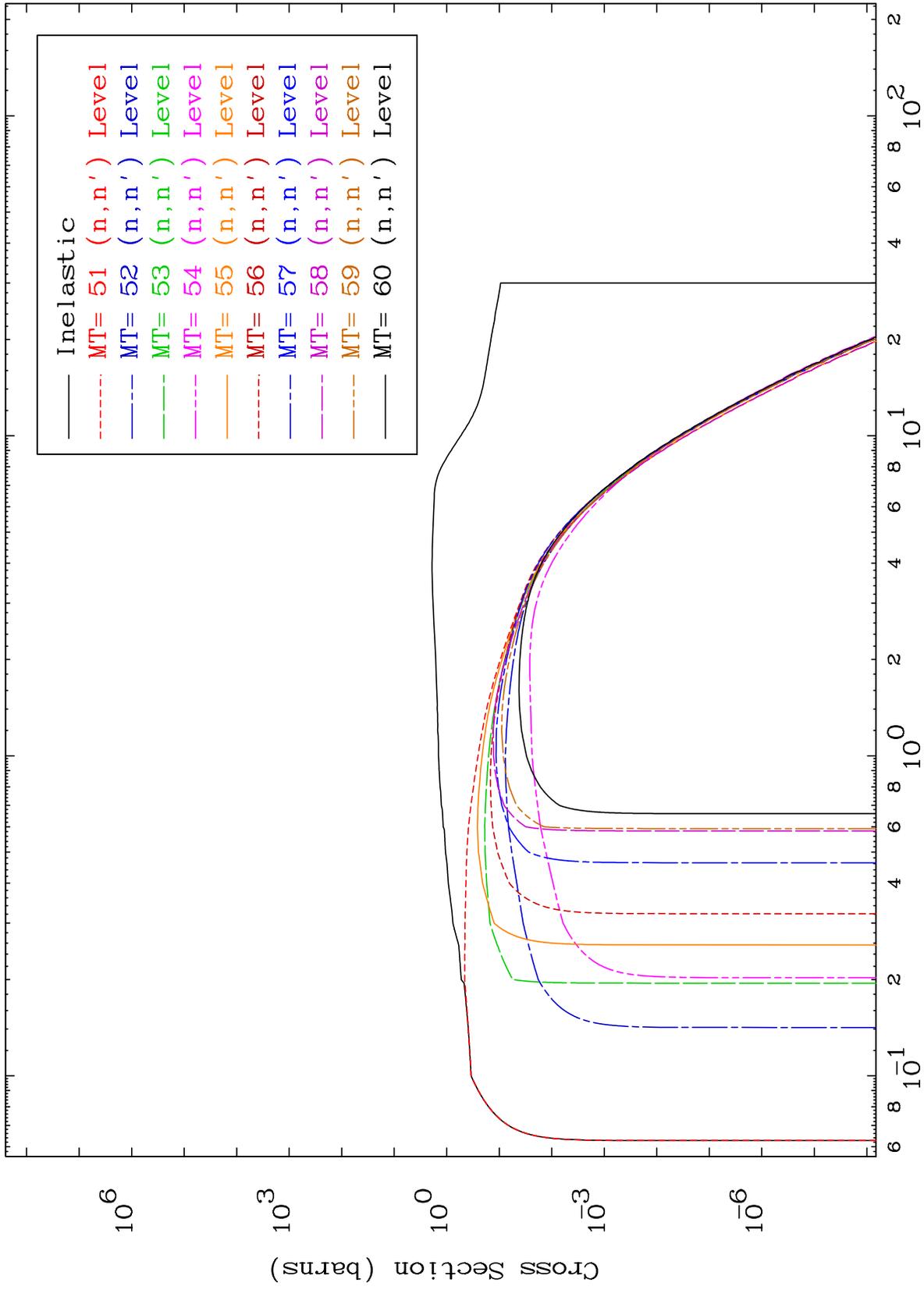


MAT 3240

(n,n') Level

32-Ge-75

293 Kelvin Cross Sections



7

Incident Energy (MeV)

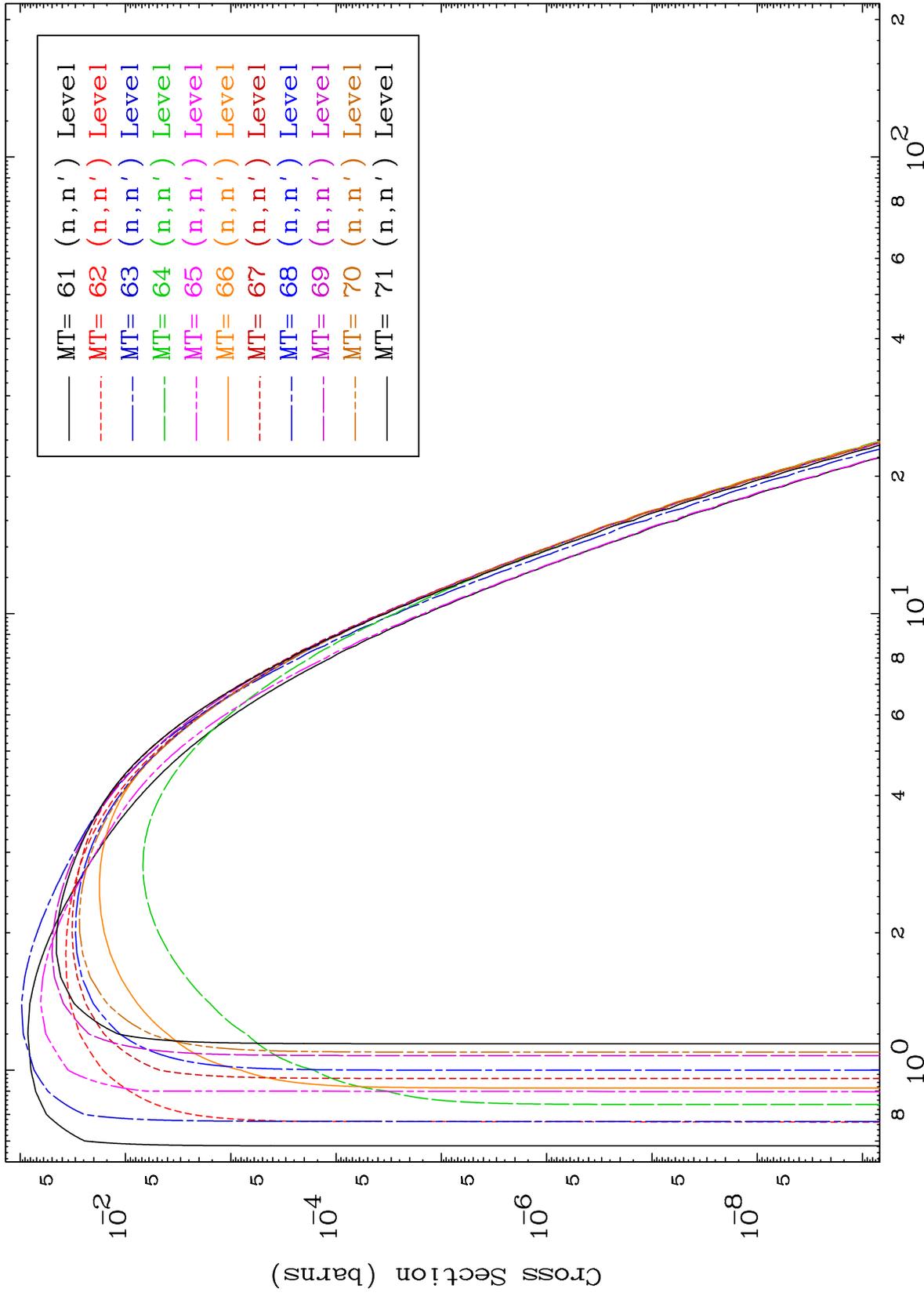
32-Ge-75

MAT 3240

(n,n') Level

32-Ge-75

293 Kelvin Cross Sections



8

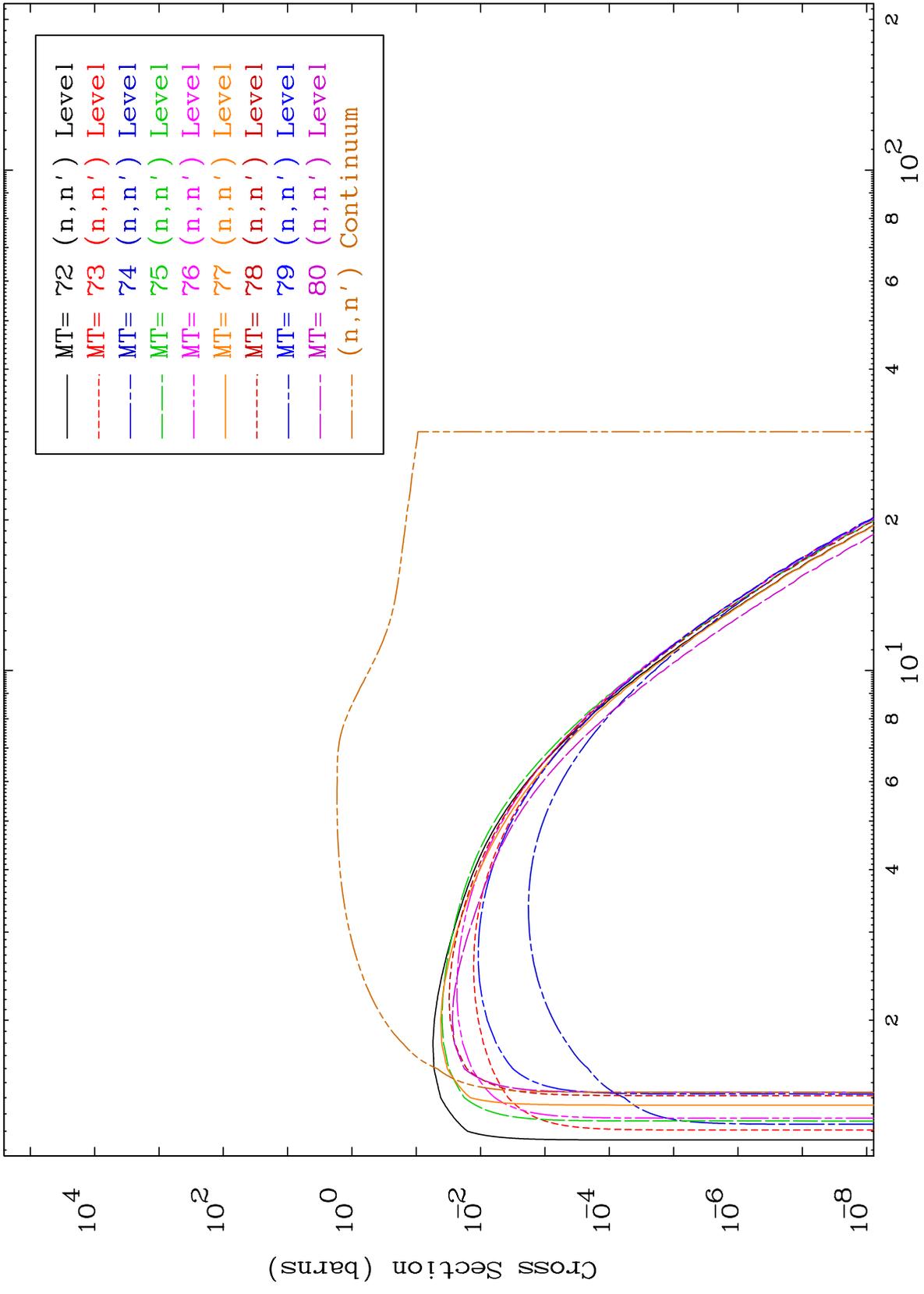
Incident Energy (MeV)

32-Ge-75

MAT 3240

(n,n') Level
293 Kelvin Cross Sections

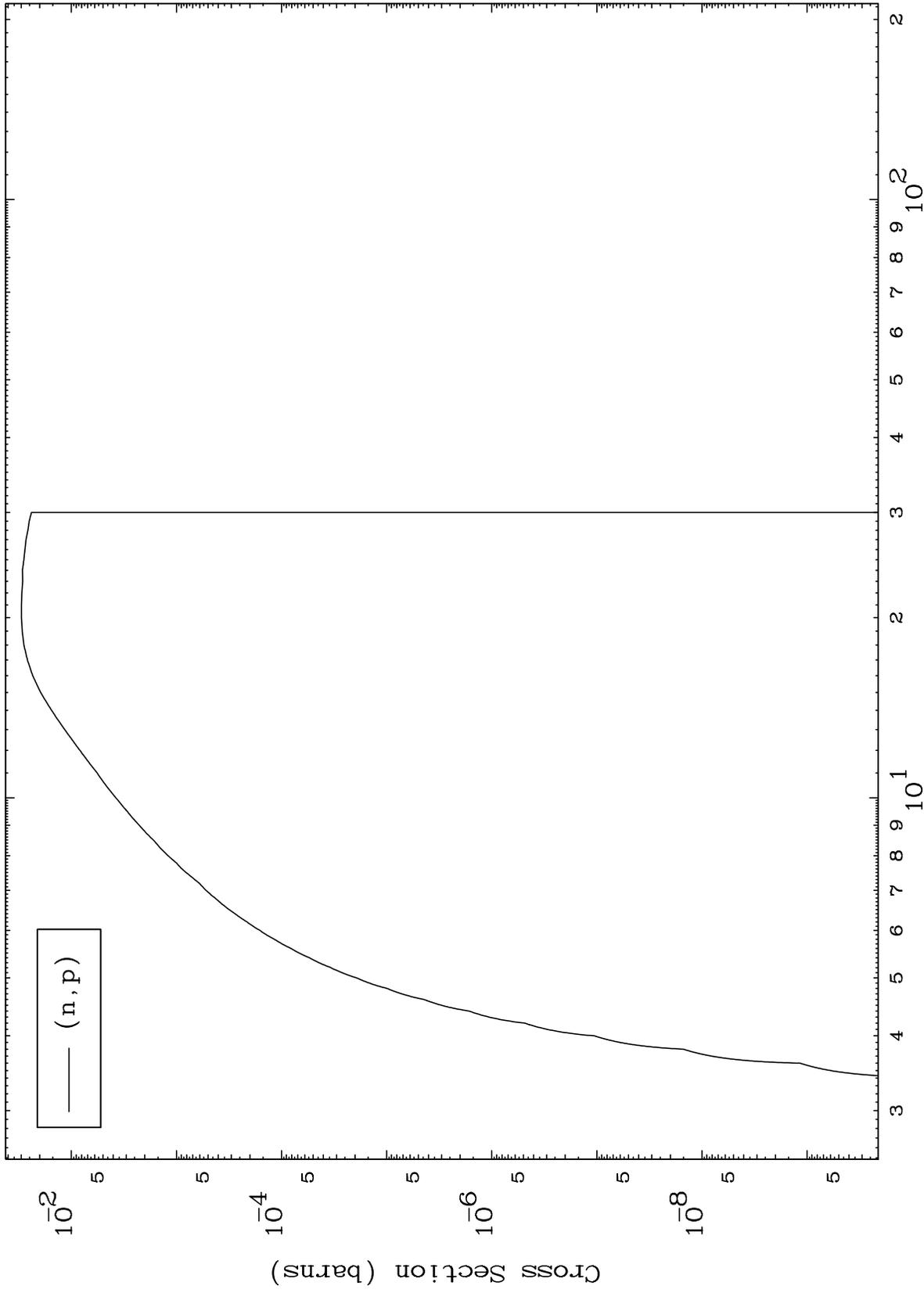
32-Ge-75



MAT 3240

(n,p) Levels
293 Kelvin Cross Sections

32-Ge-75



10

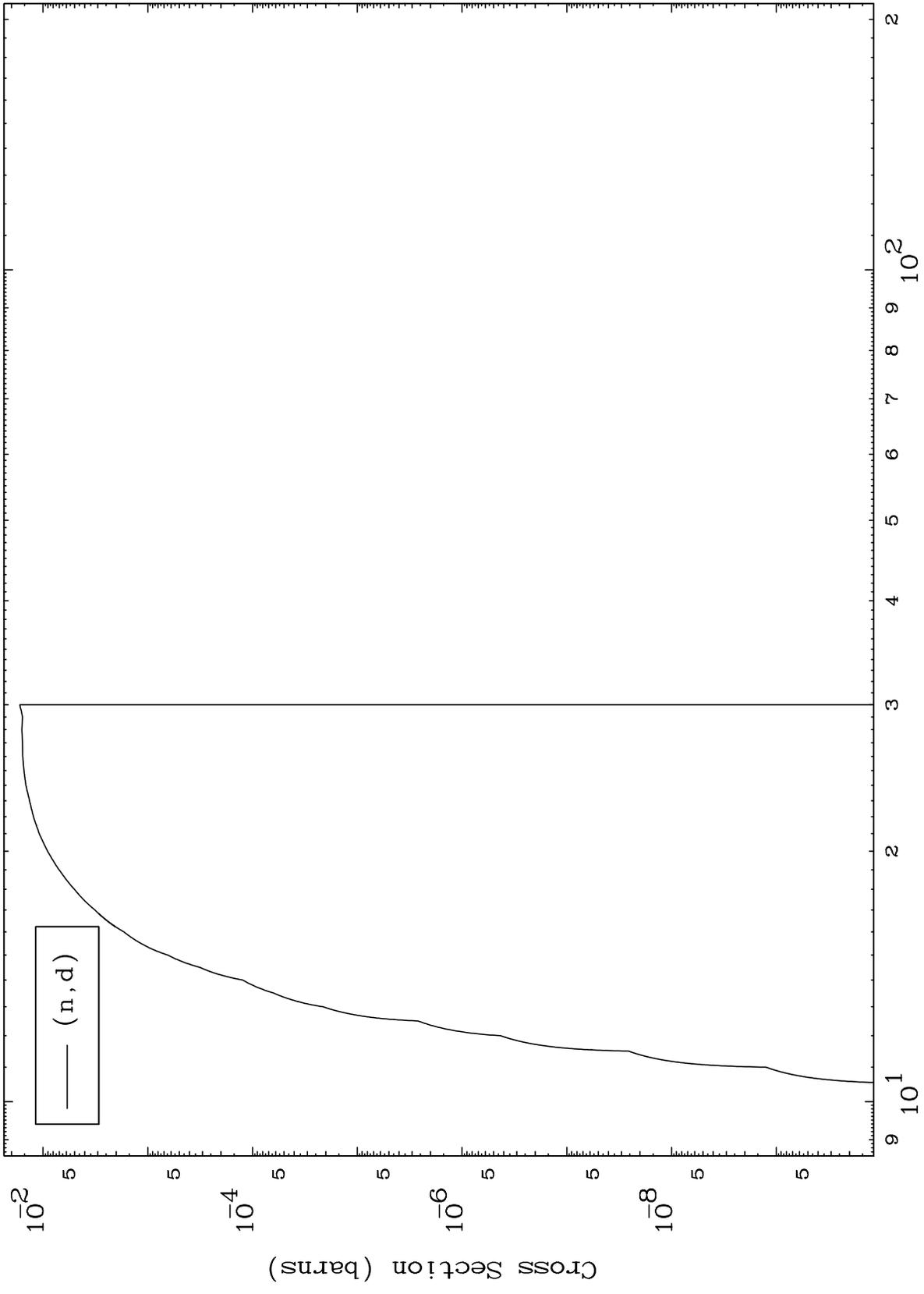
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32-Ge-75

MAT 3240

(n,d) Levels
293 Kelvin Cross Sections

³²Ge-75



11

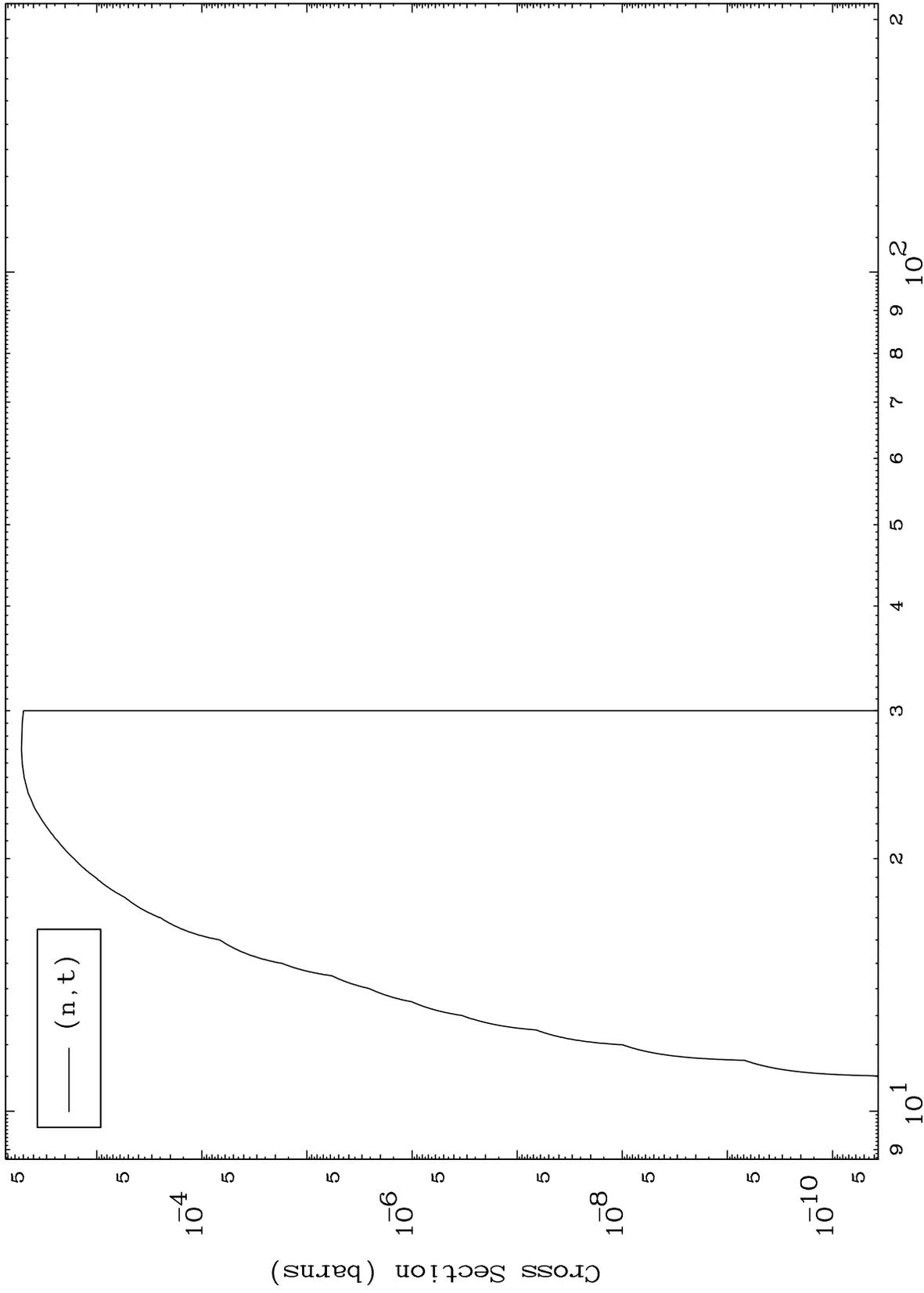
Incident Energy (MeV)

³²Ge-75

MAT 3240

(n,t) Levels
293 Kelvin Cross Sections

32-Ge-75



12

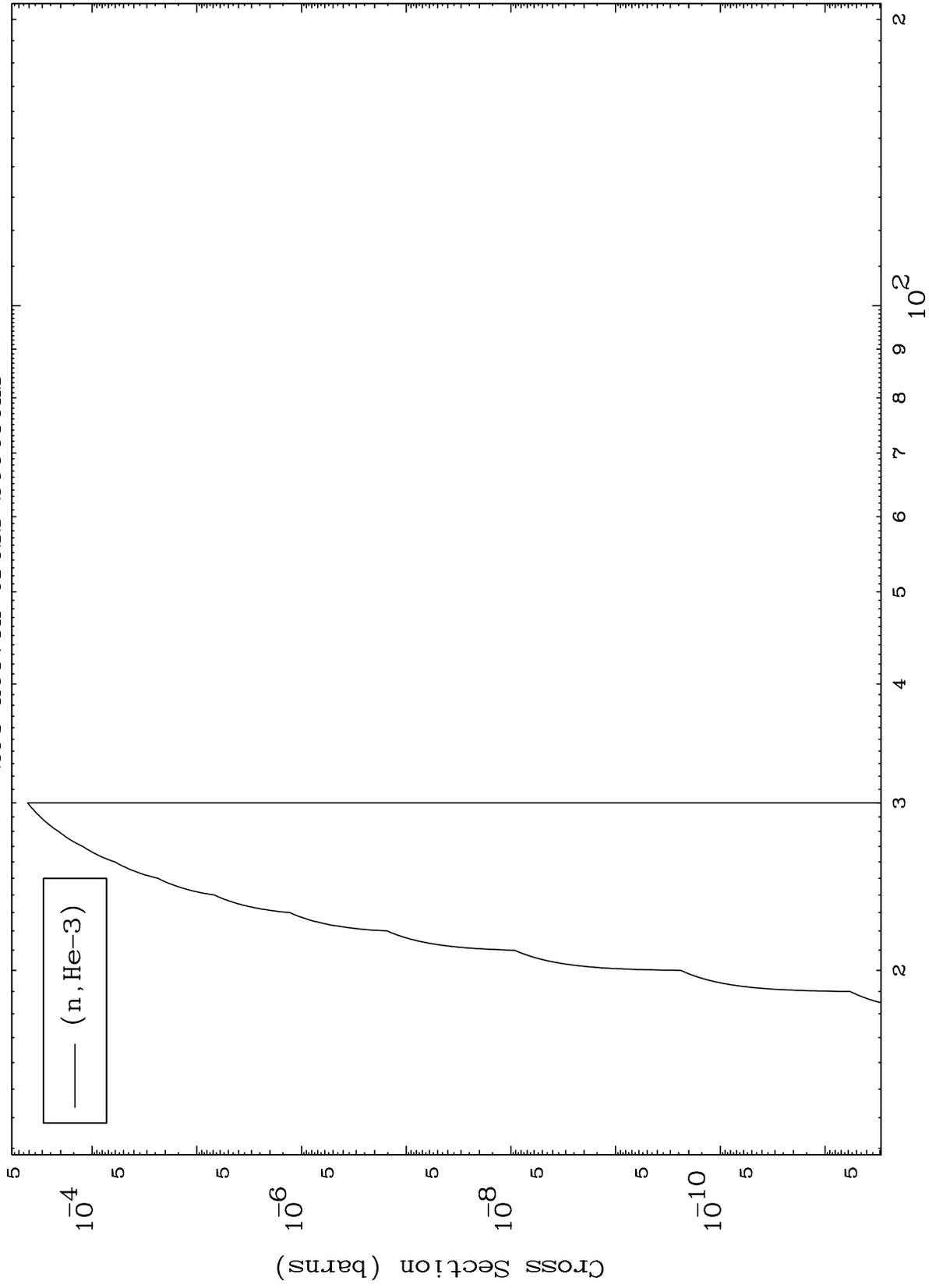
Incident Energy (MeV)

32-Ge-75

MAT 3240

(n,He3) Levels
293 Kelvin Cross Sections

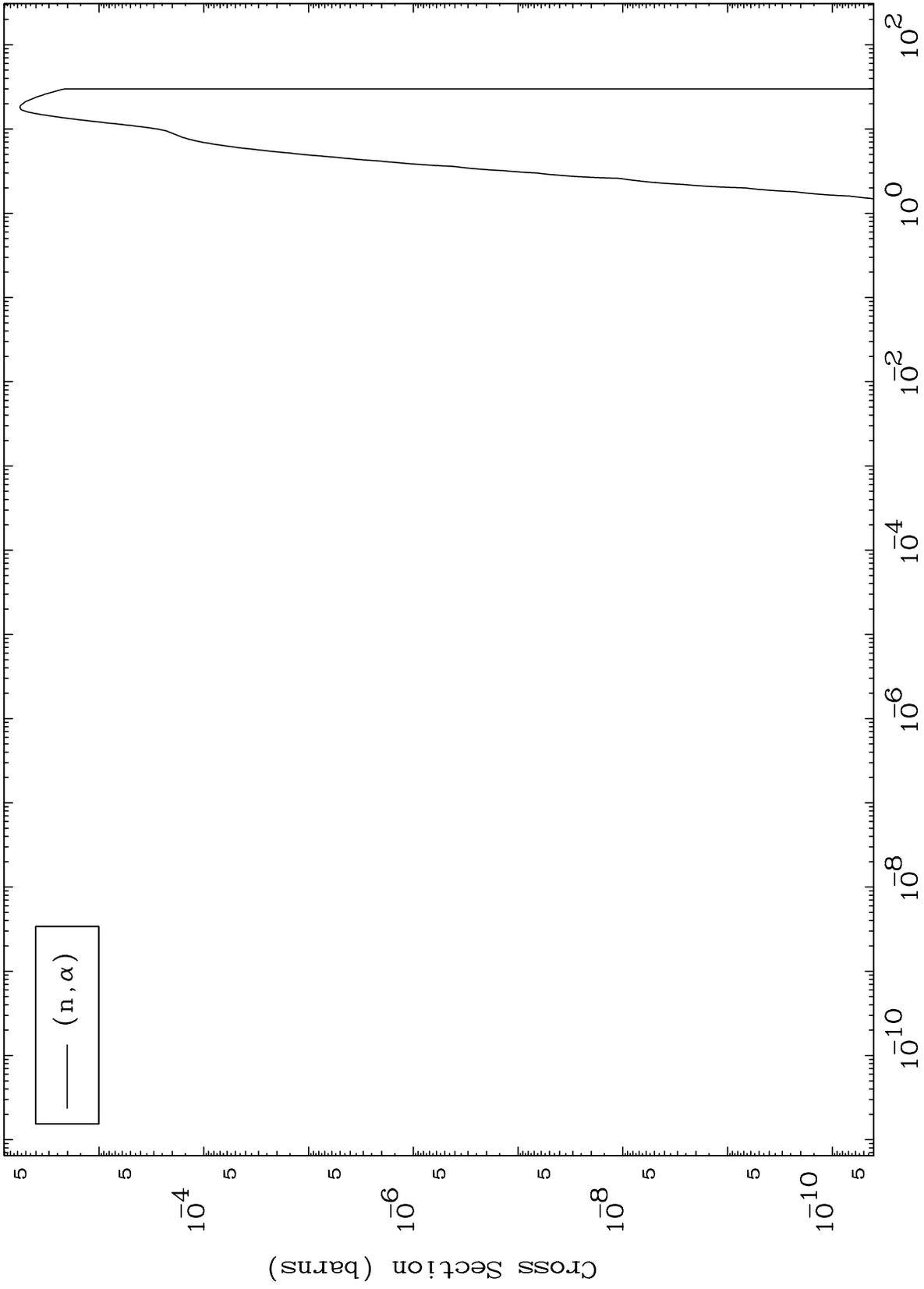
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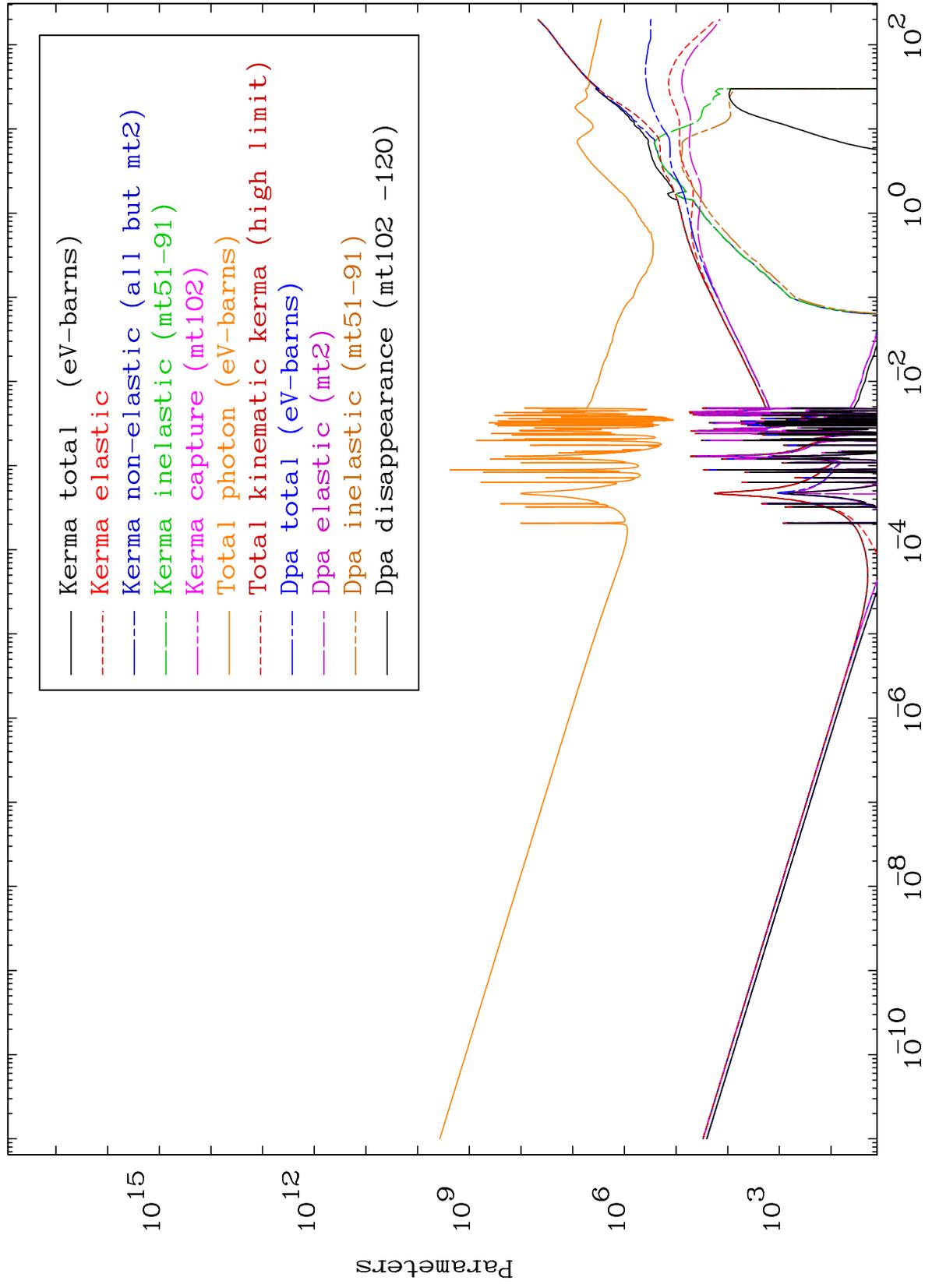


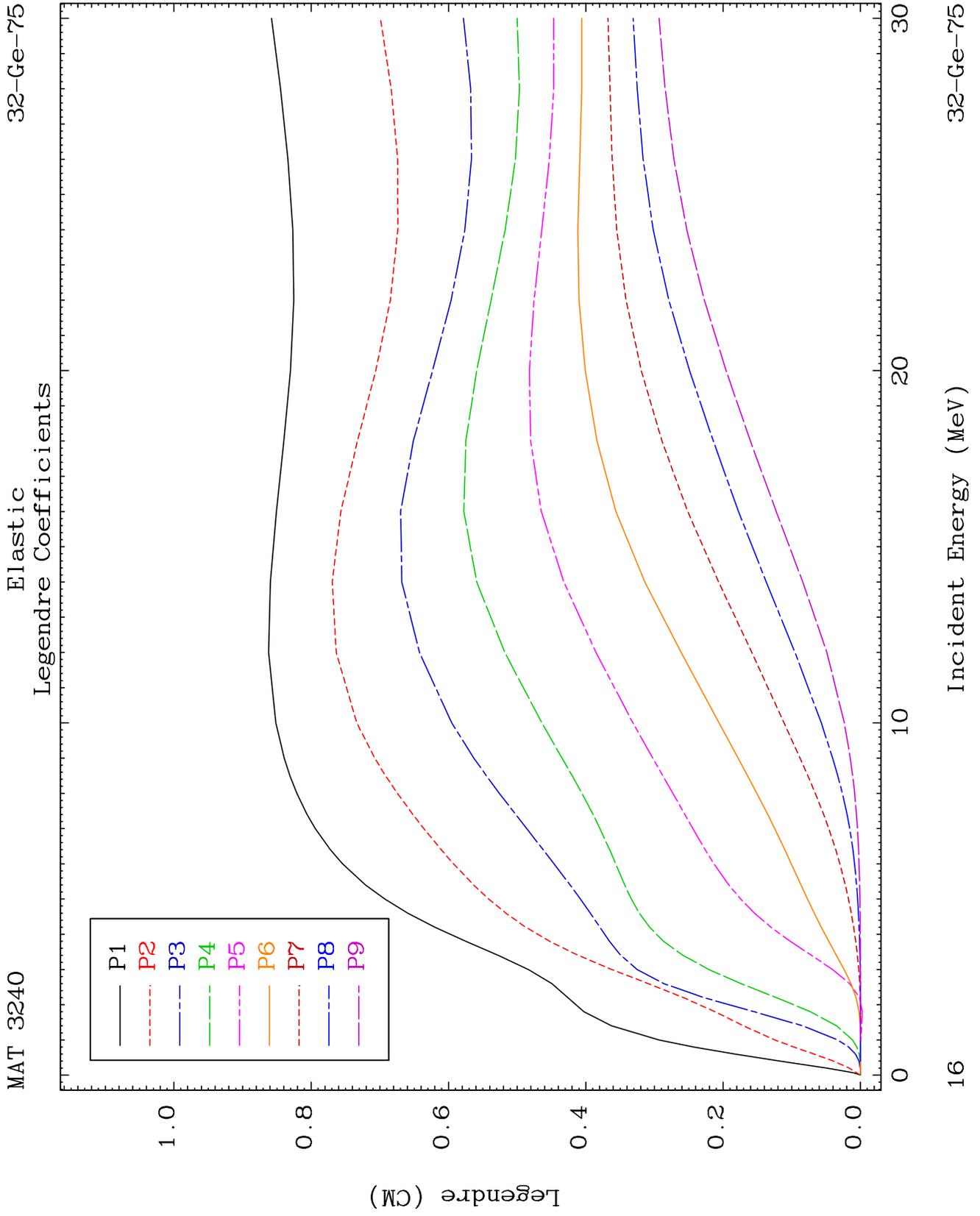
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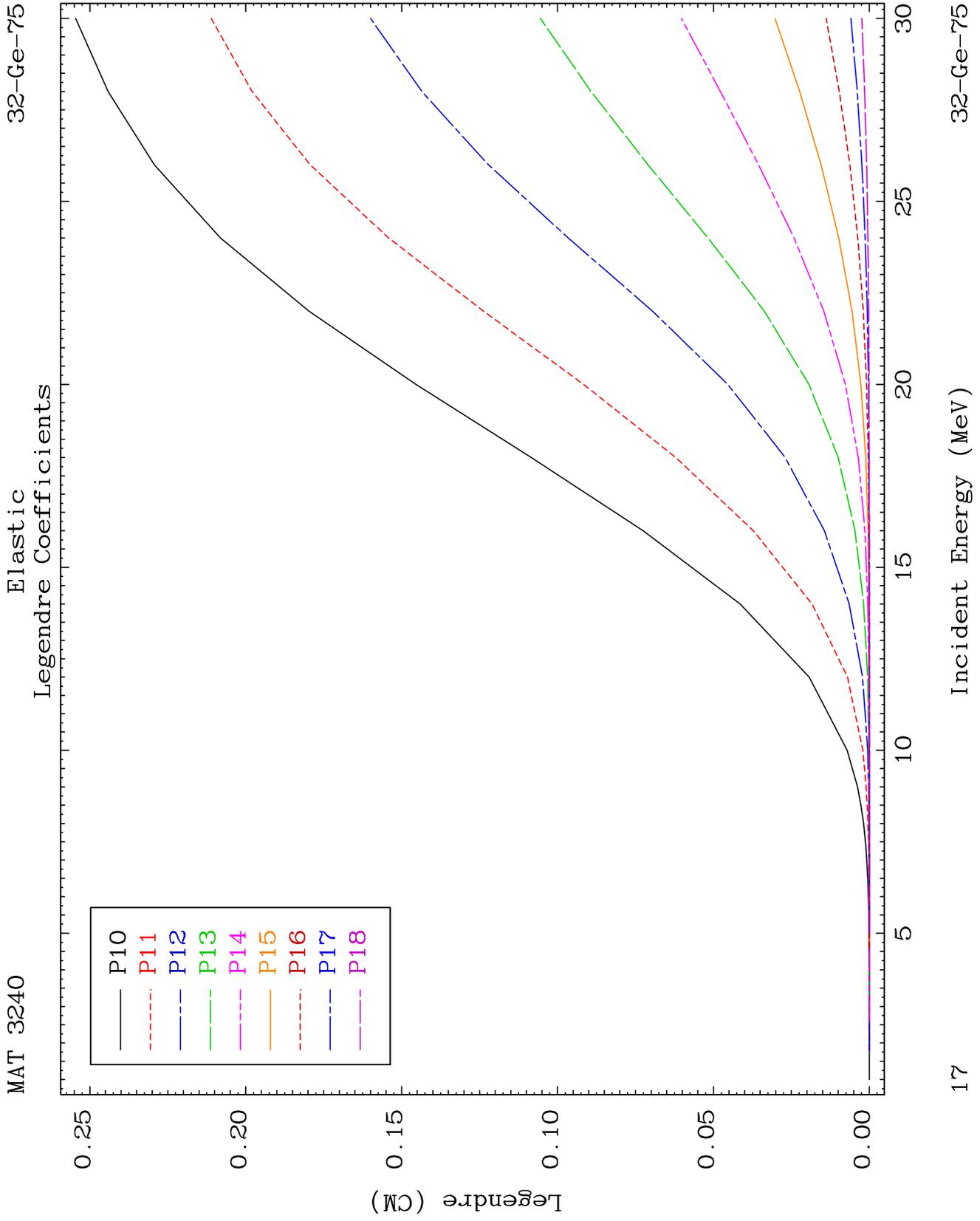
(n,α) Levels
293 Kelvin Cross Sections

32-Ge-75





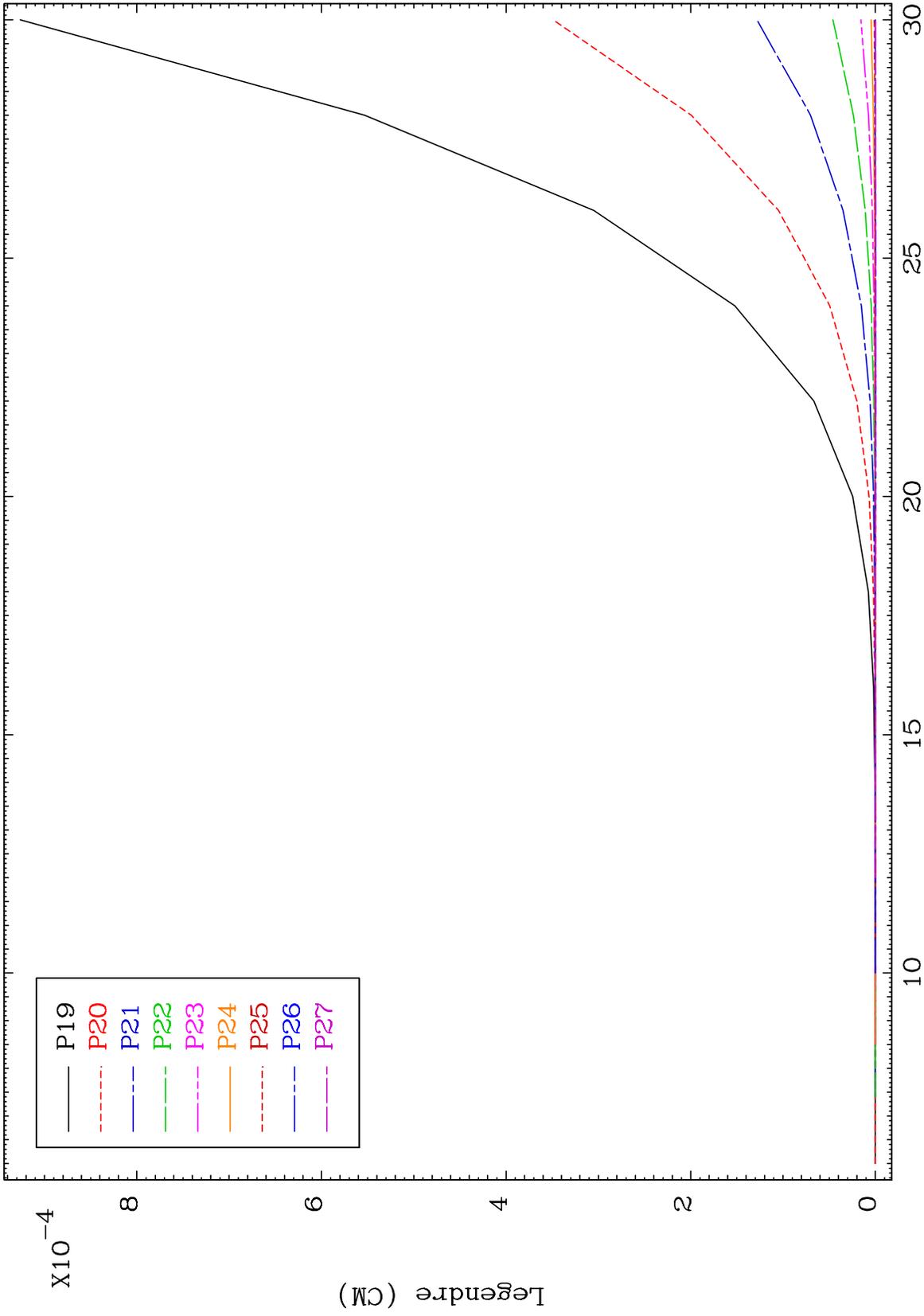




MAT 3240

Elastic Legendre Coefficients

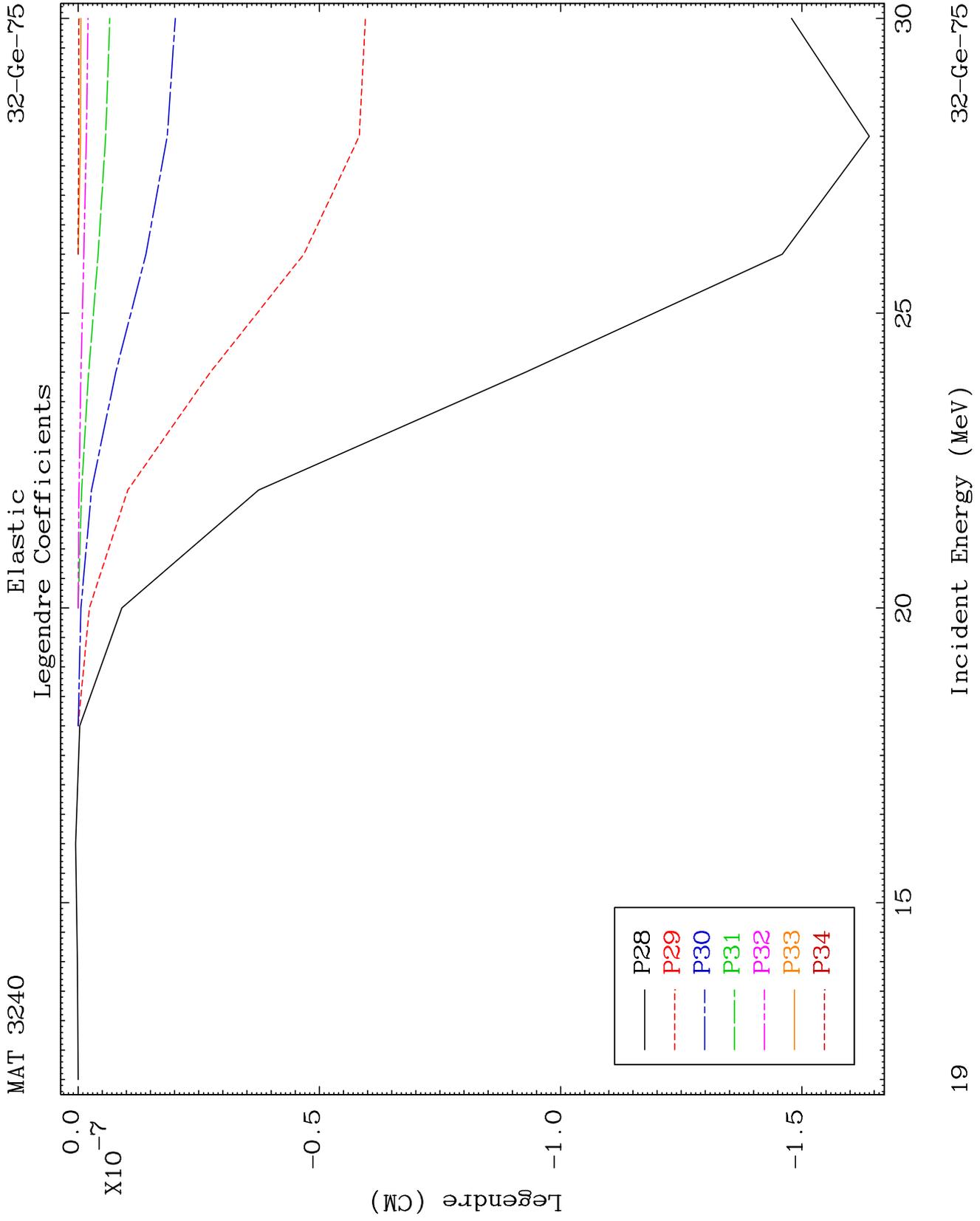
³²Ge-75

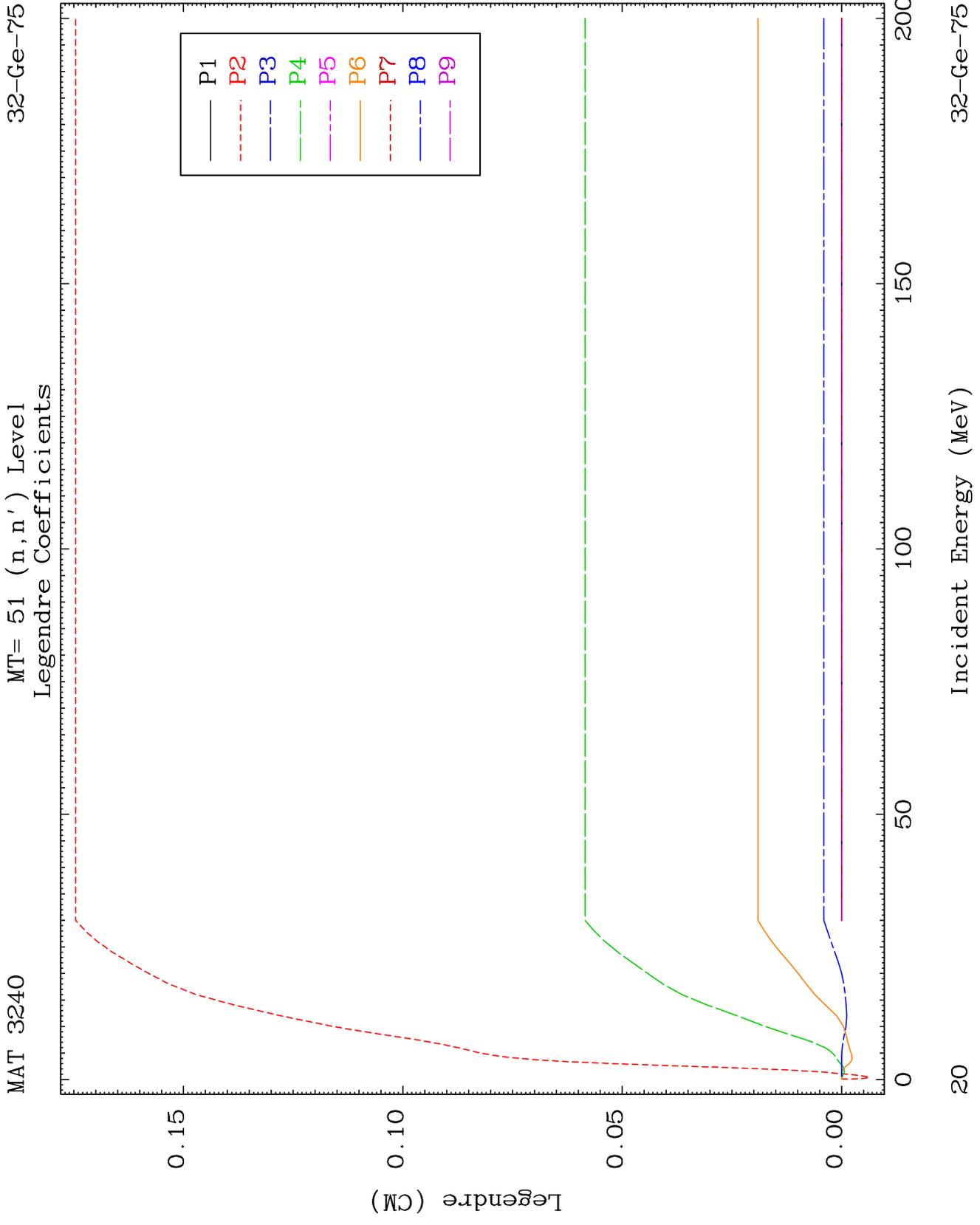


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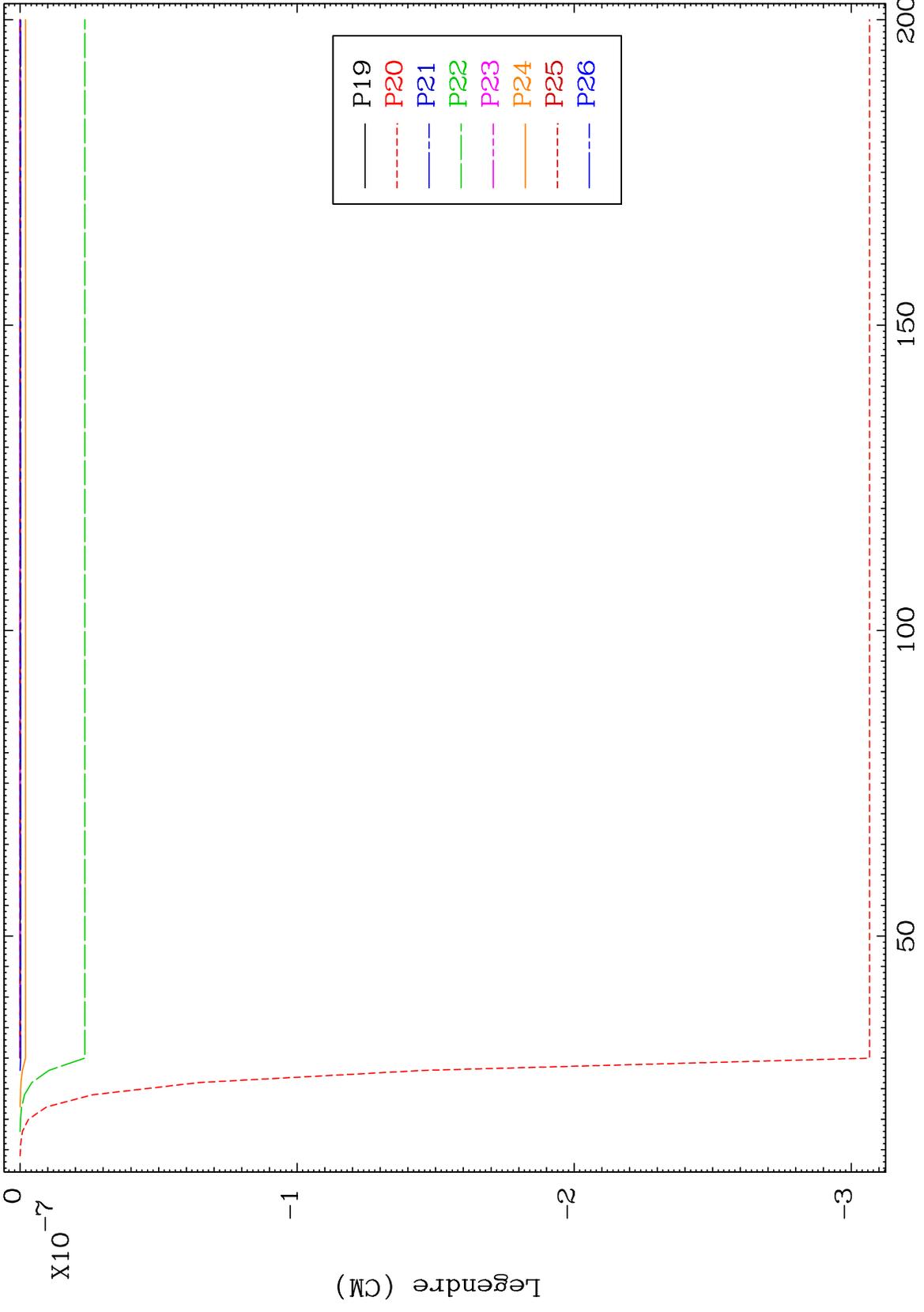
Incident Energy (MeV)

³²Ge-75





MAT 3240 MT= 51 (n,n') Level Legendre Coefficients 32-Ge-75

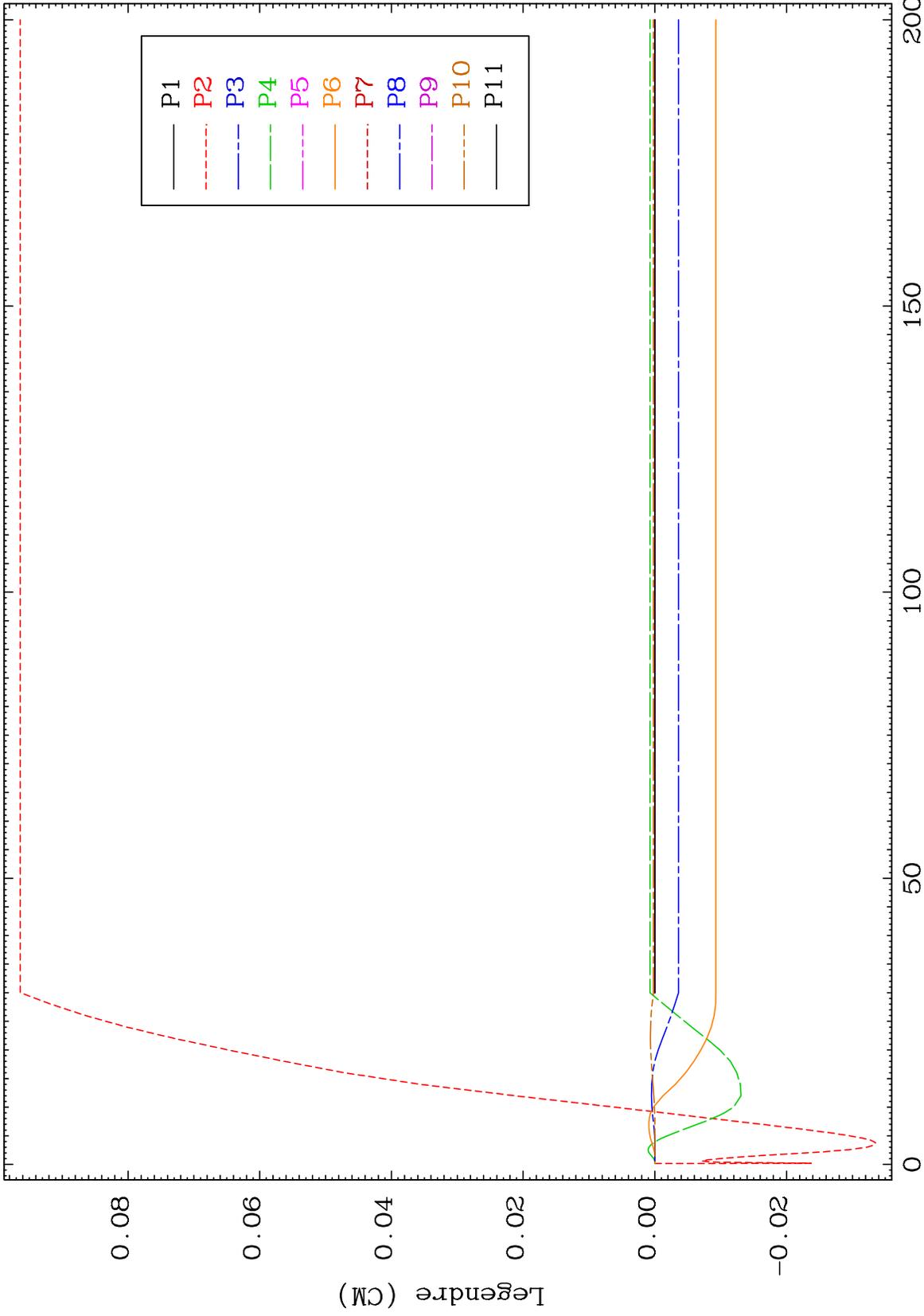


32-Ge-75

MAT 3240

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

32-Ge-75



33

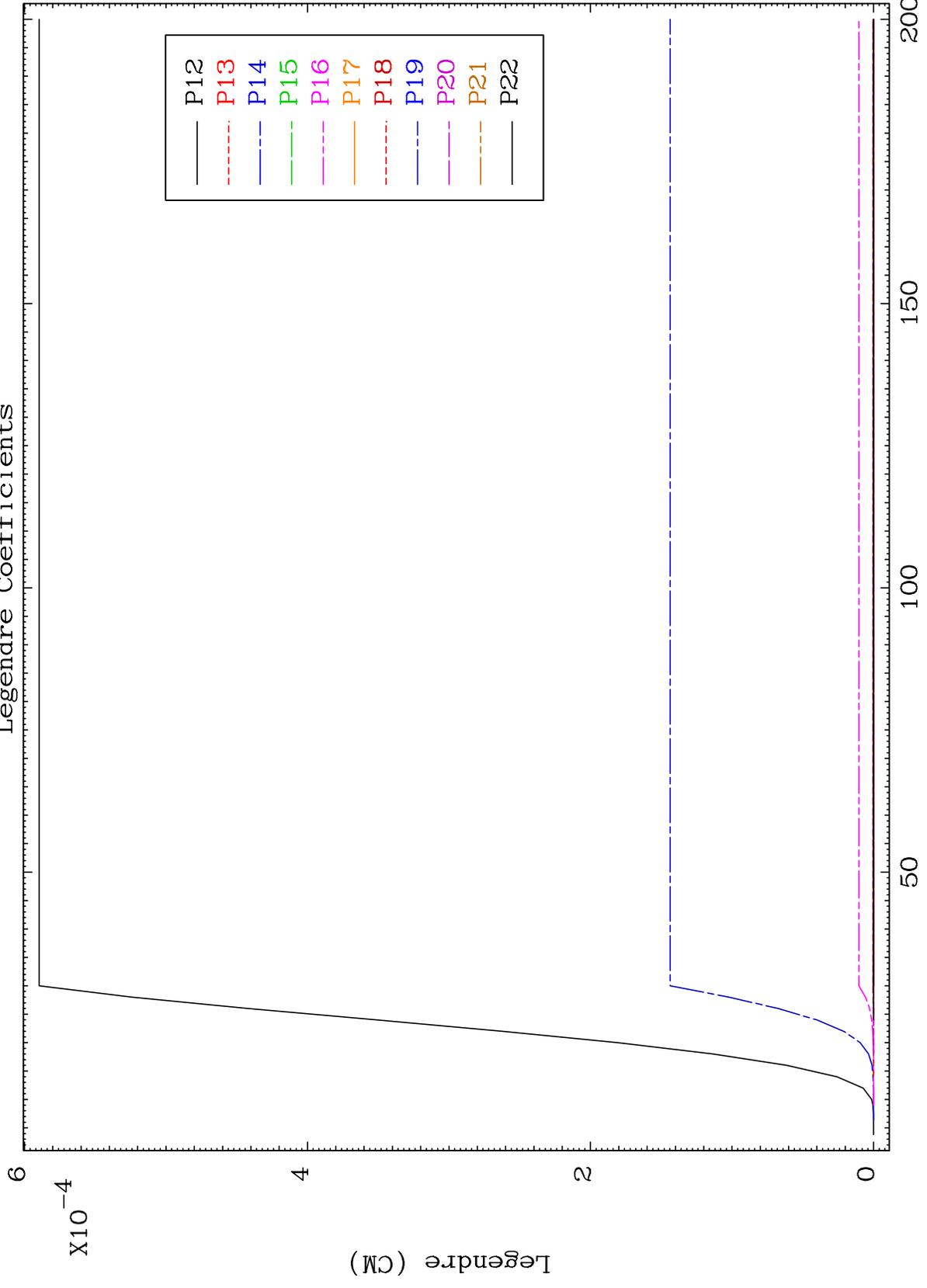
Incident Energy (MeV)

32-Ge-75

MAT 3240

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

32-Ge-75

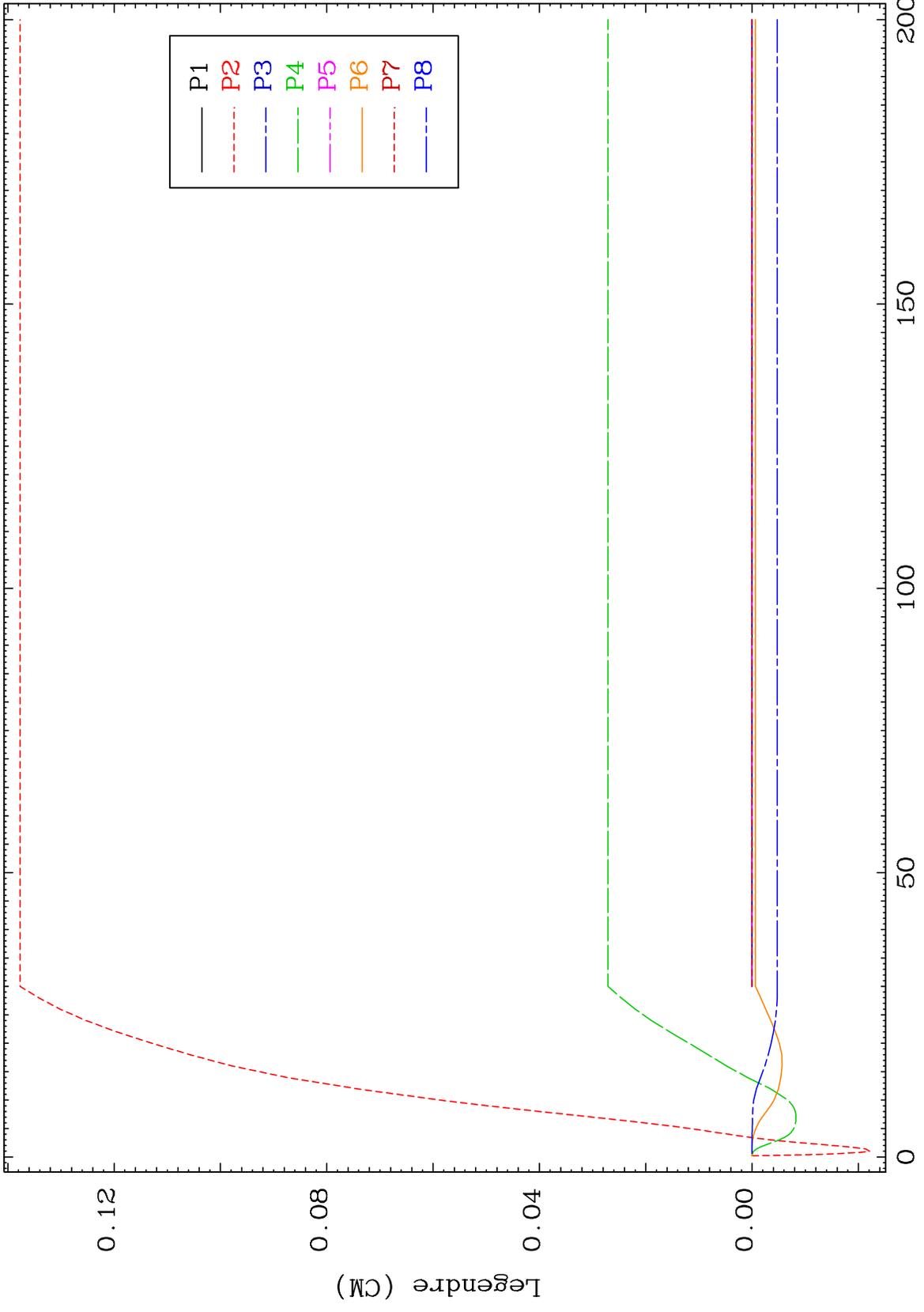


24

Incident Energy (MeV)

32-Ge-75

MAT 3240 MT= 53 (n,n') Level Legendre Coefficients 32-Ge-75

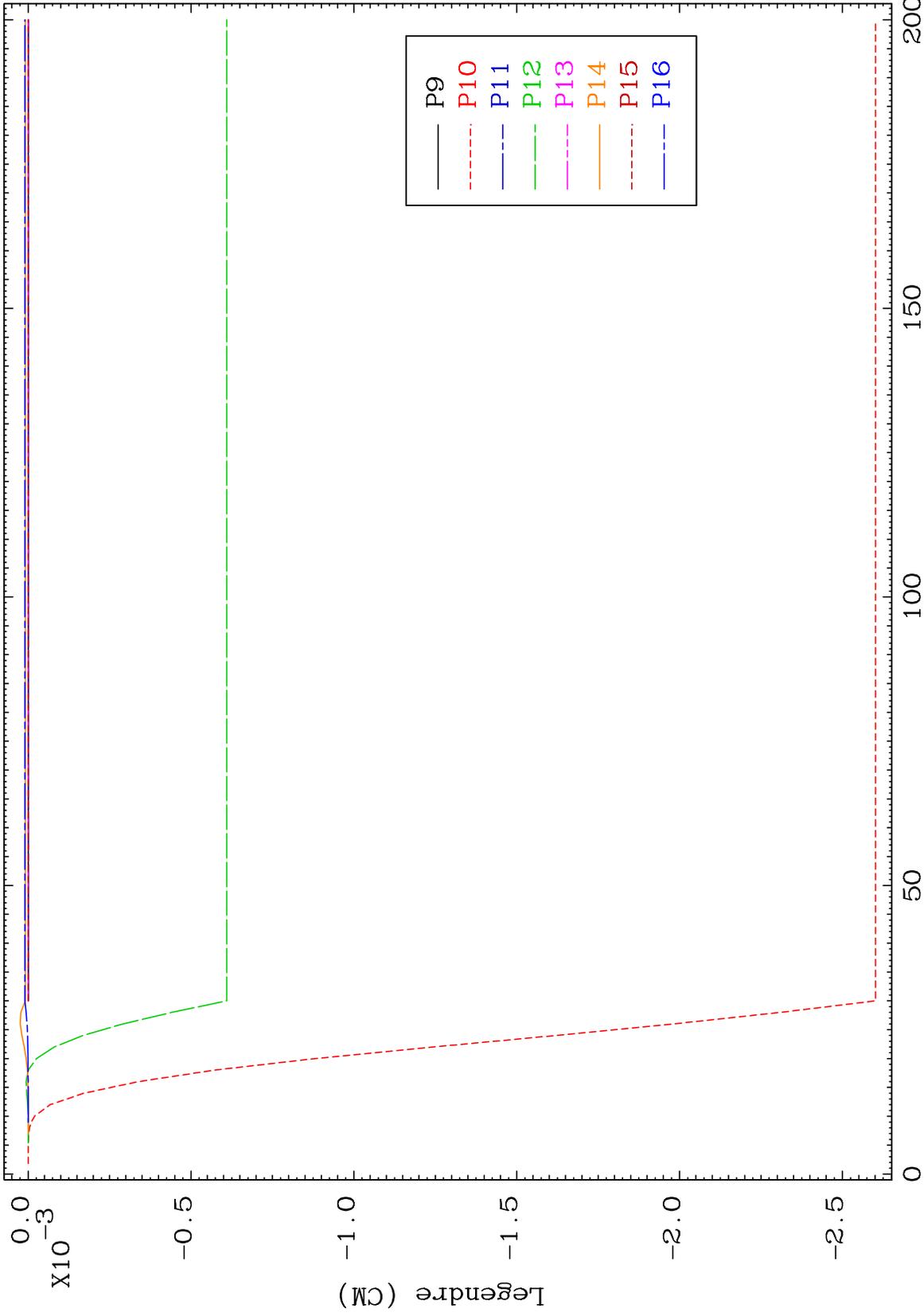


32-Ge-75

MAT 3240

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

32-Ge-75

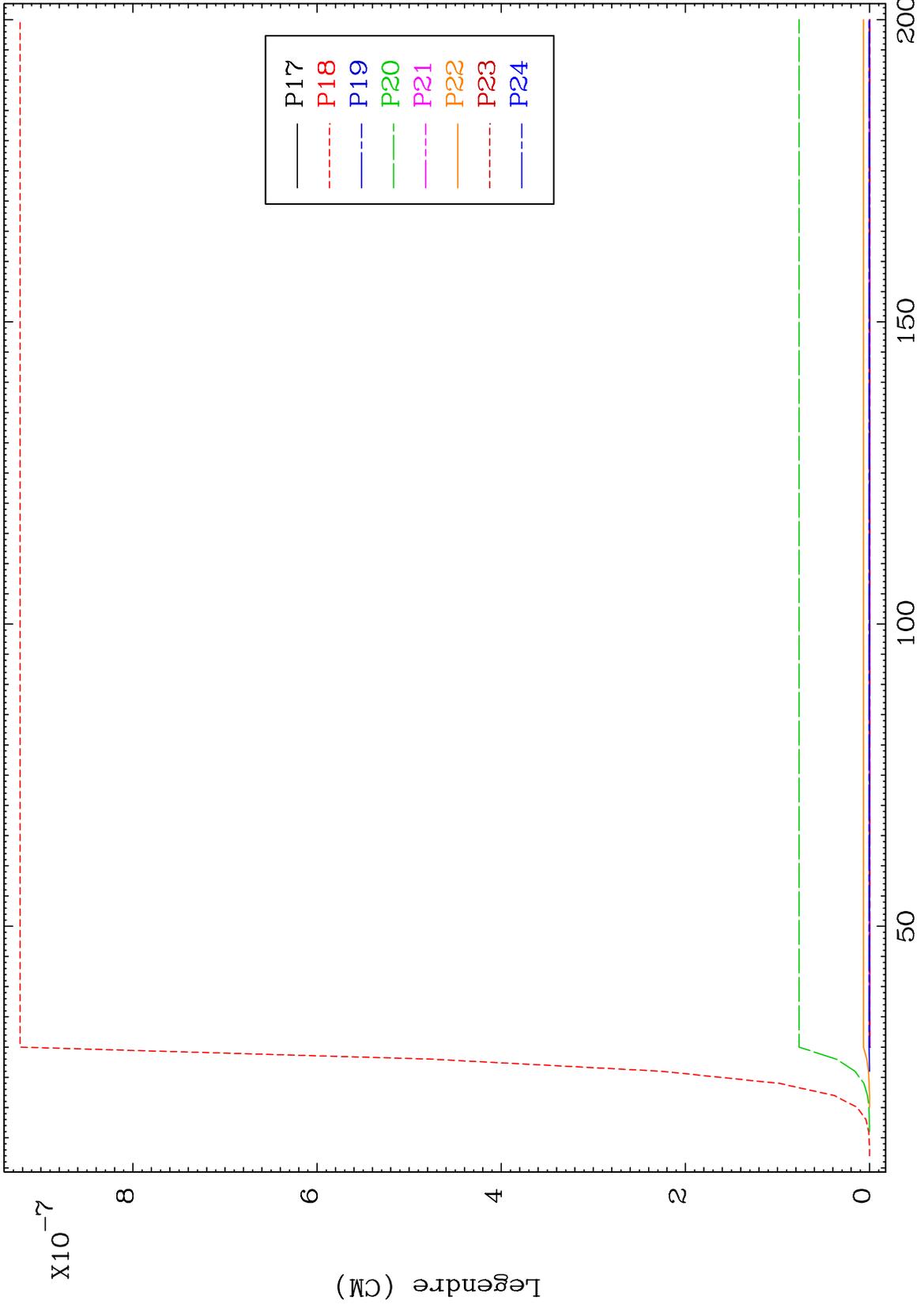


26

Incident Energy (MeV)

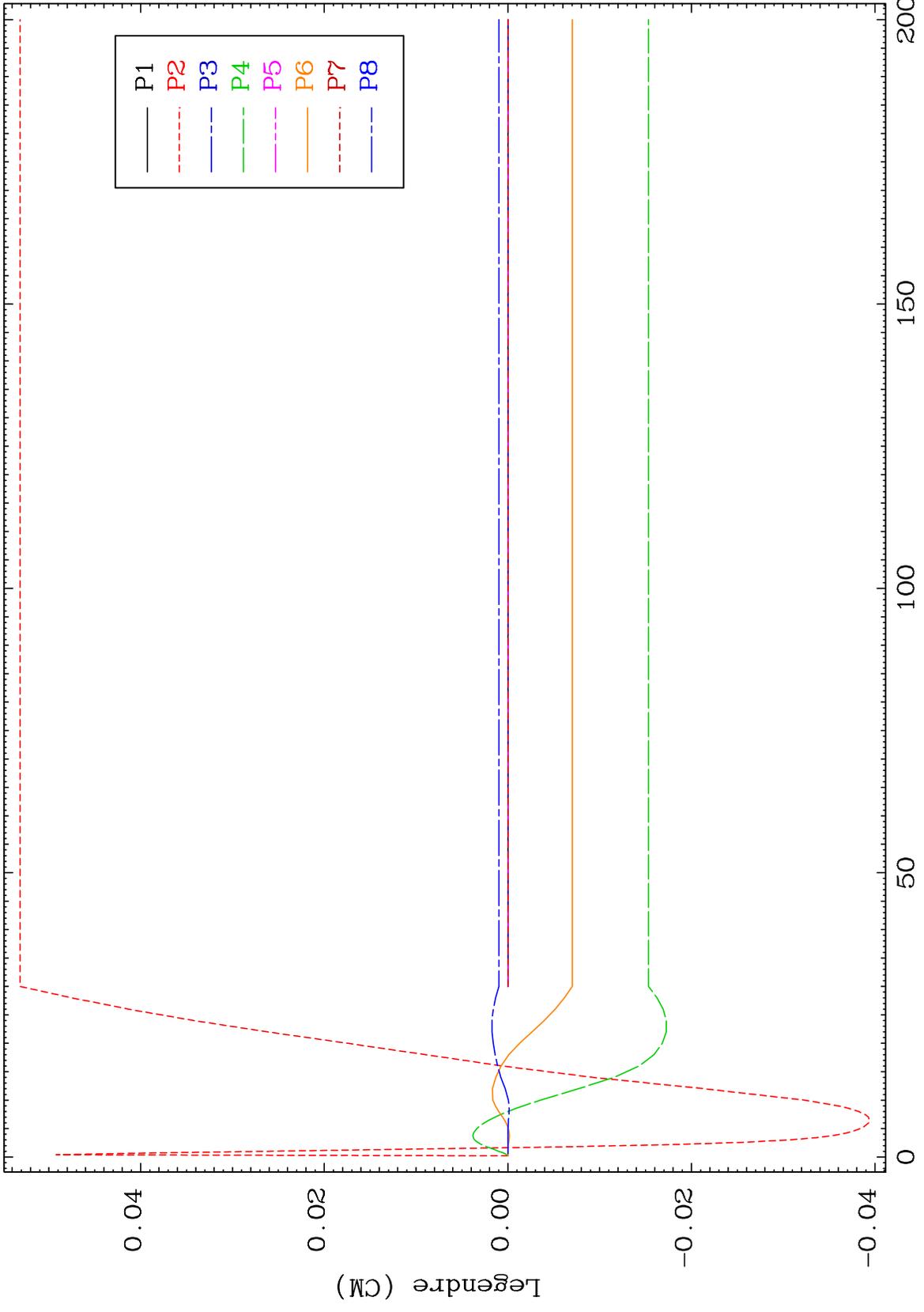
32-Ge-75

MAT 3240 MT= 53 (n,n') Level Legendre Coefficients 32-Ge-75



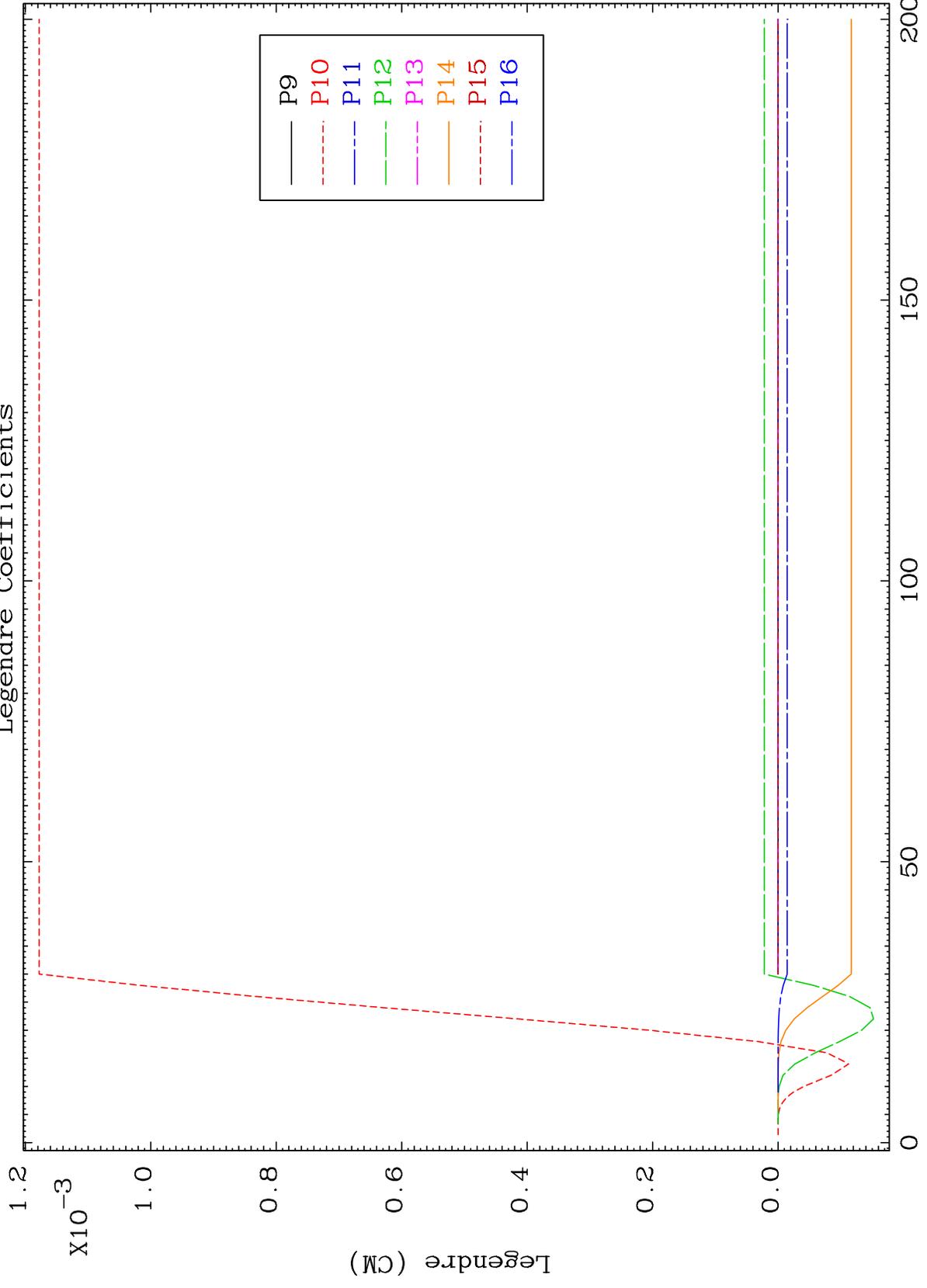
27 Incident Energy (MeV) 32-Ge-75

MAT 3240 MT= 54 (n,n') Level Legendre Coefficients 32-Ge-75

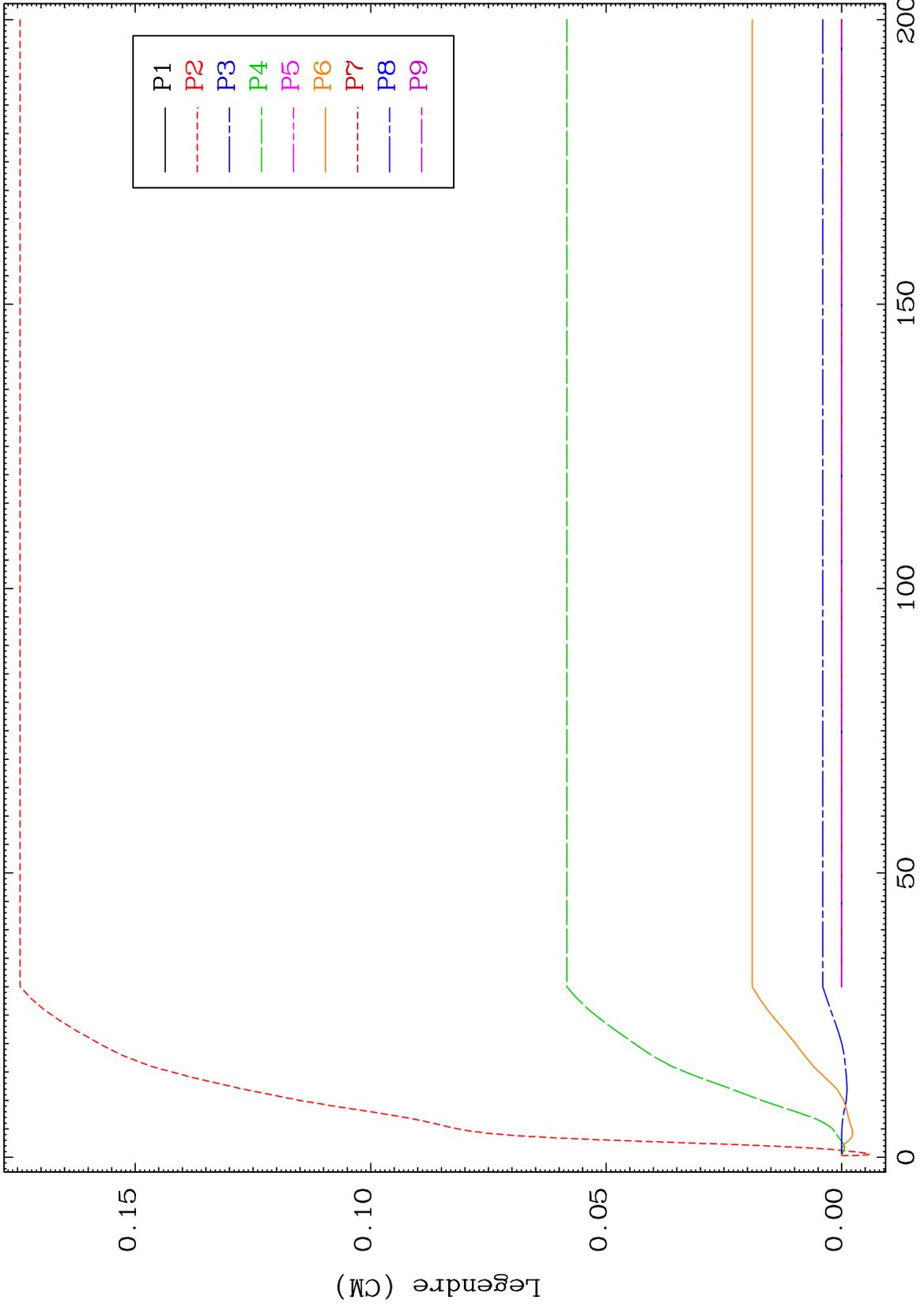


32-Ge-75

MAT 3240 MT= 54 (n,n') Level Legendre Coefficients 32-Ge-75

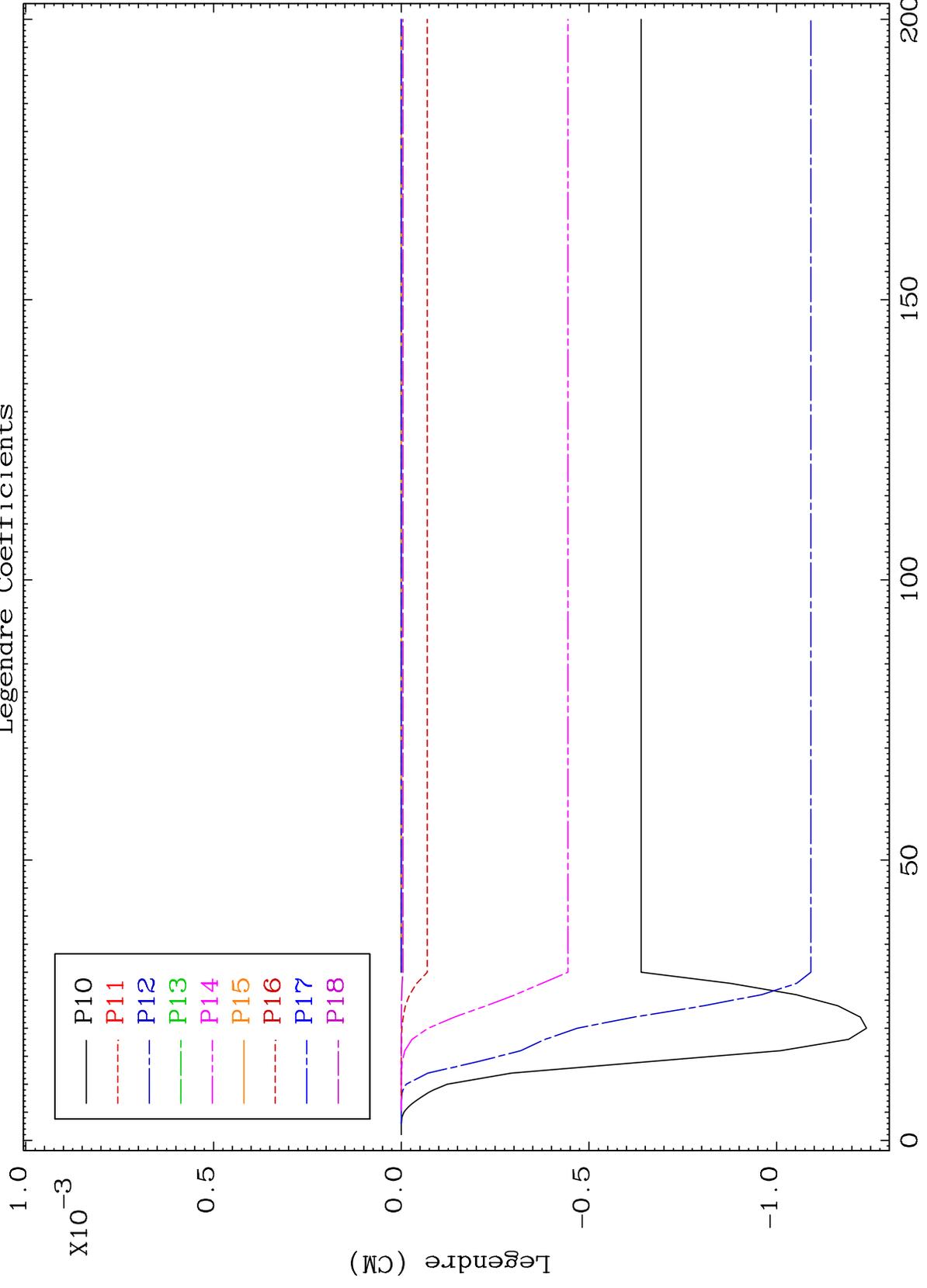


MAT 3240 MT= 55 (n,n') Level Legendre Coefficients 32-Ge-75



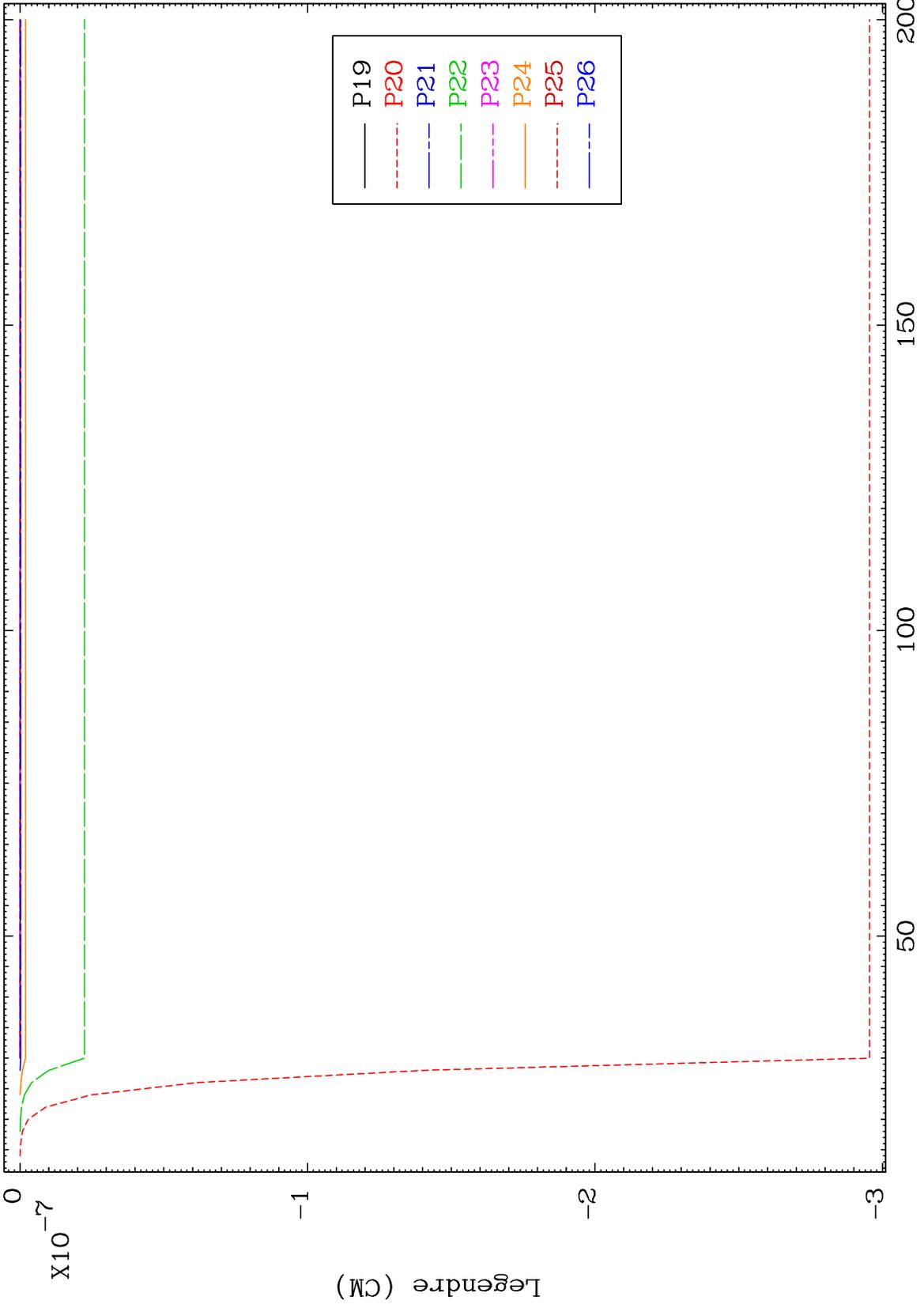
31 32-Ge-75

MAT 3240 MT= 55 (n,n') Level Legendre Coefficients 32-Ge-75

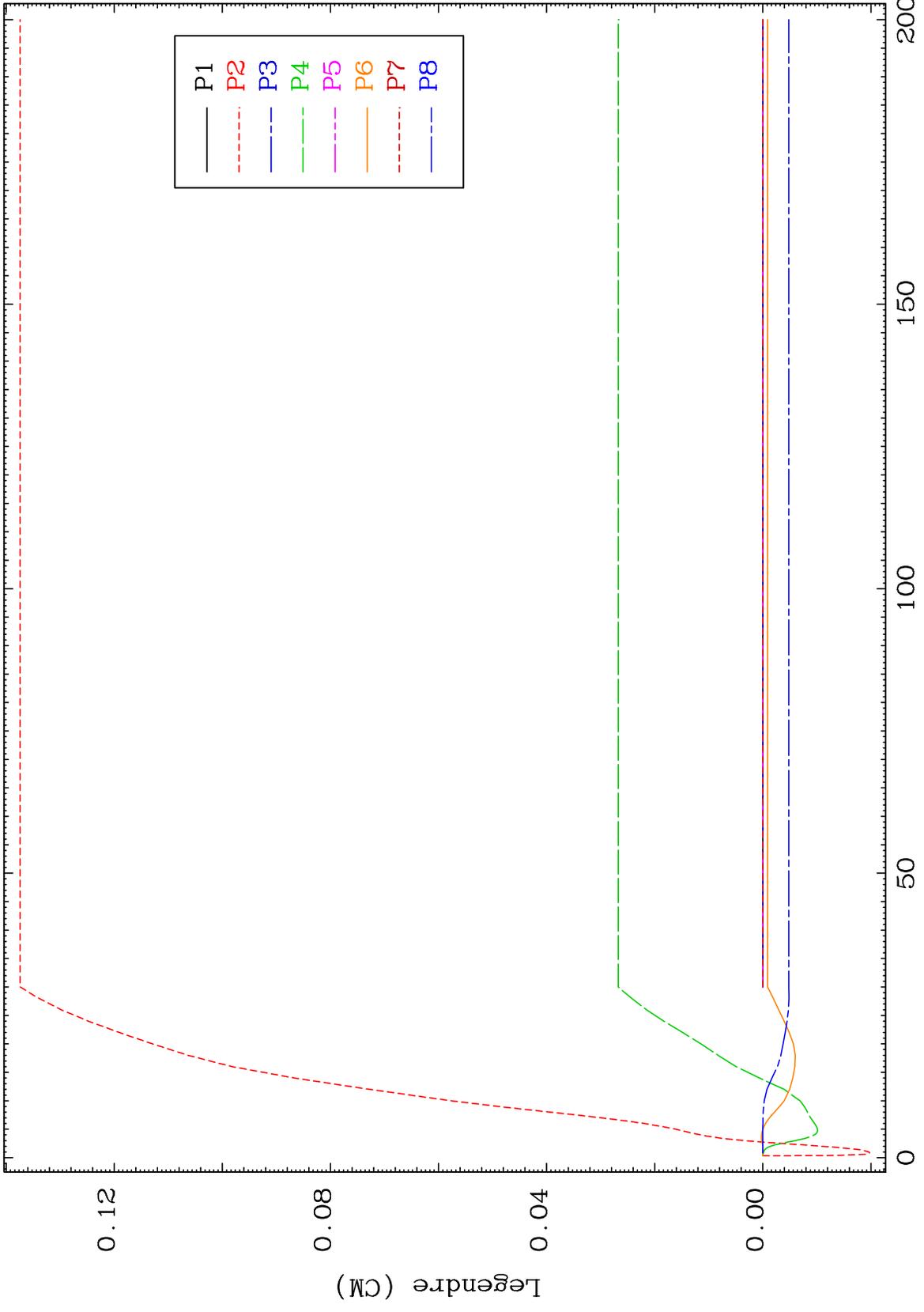


32 32-Ge-75

MAT 3240 MT= 55 (n,n') Level Legendre Coefficients 32-Ge-75

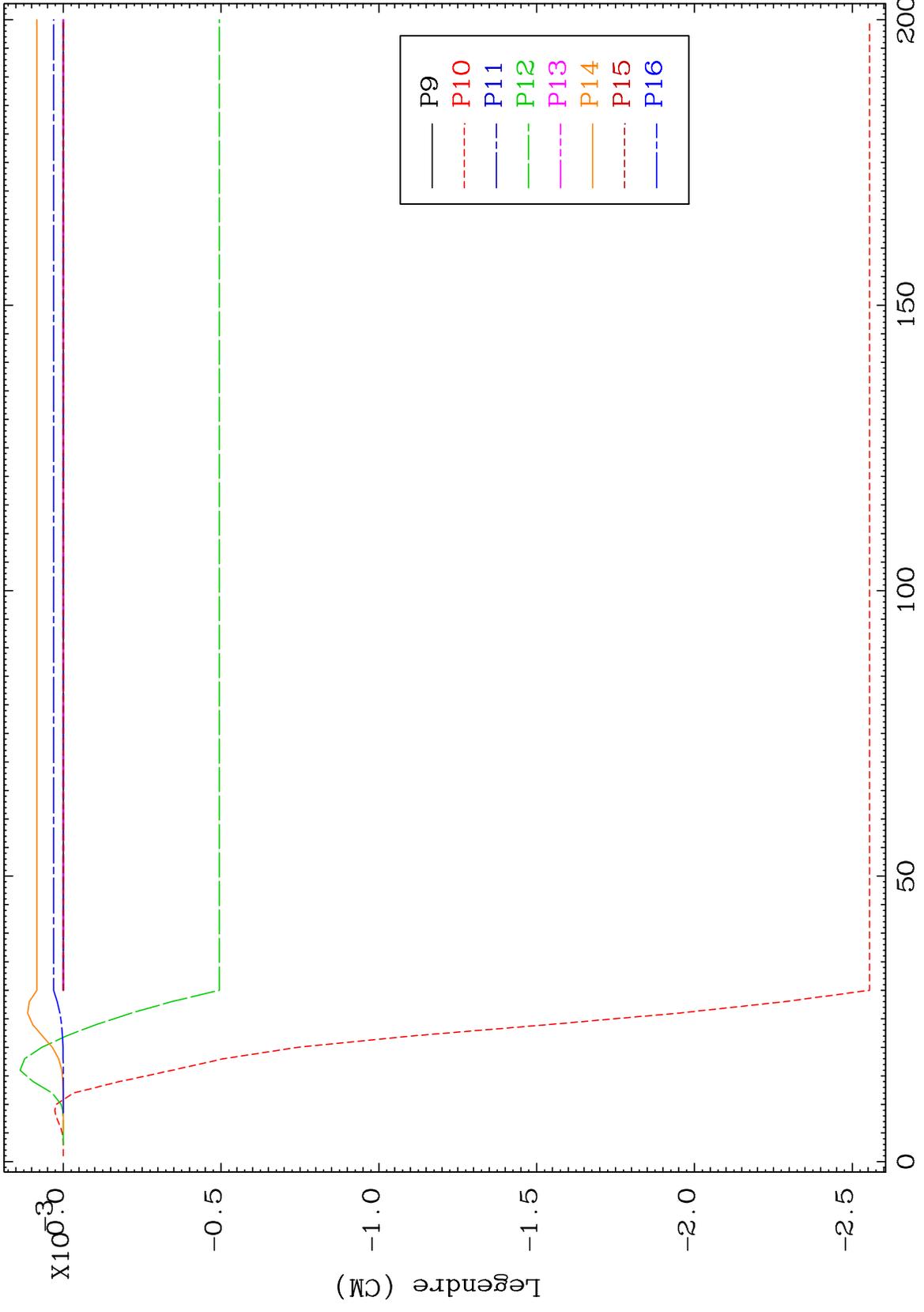


MAT 3240 MT= 56 (n,n') Level Legendre Coefficients 32-Ge-75



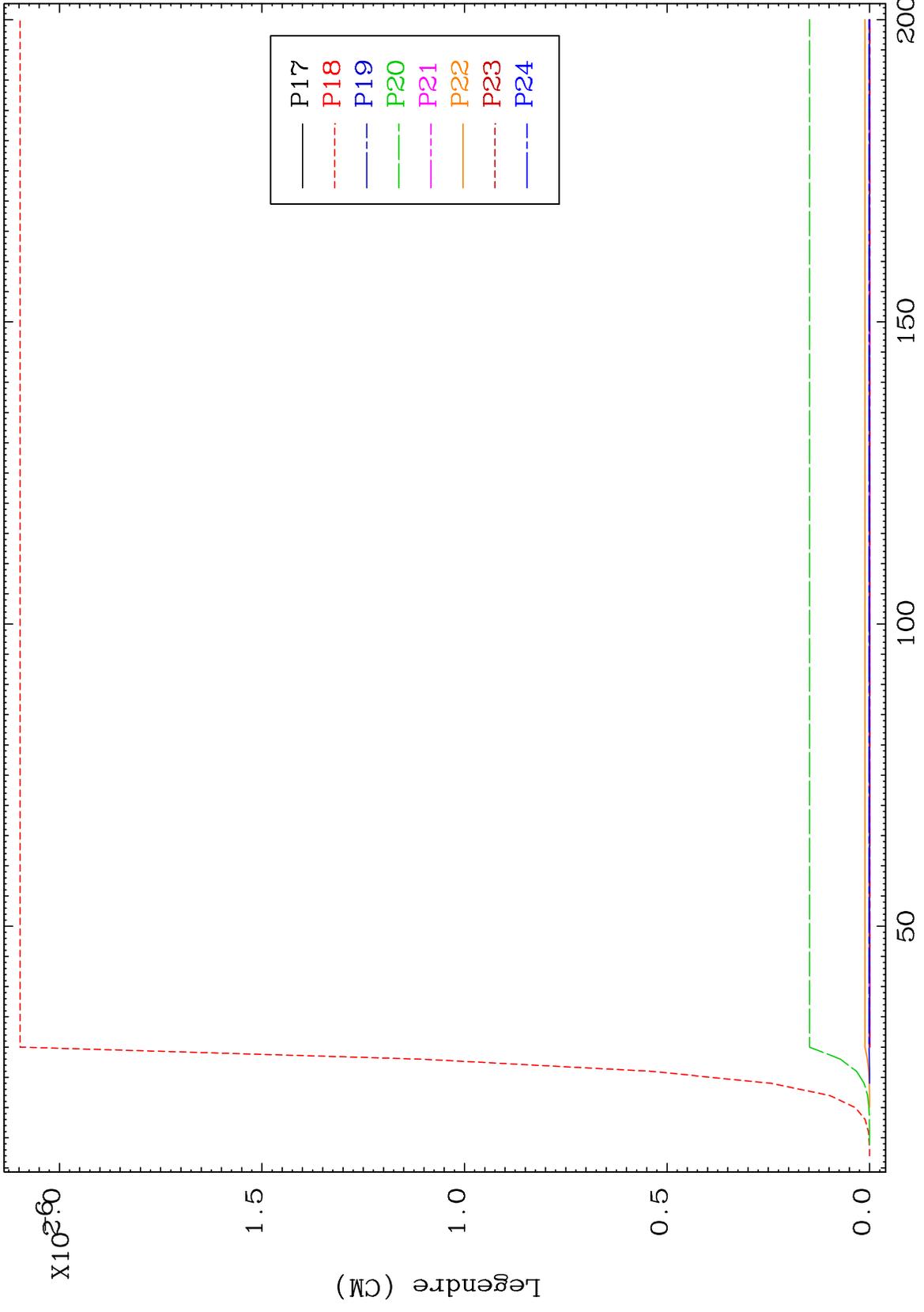
34 32-Ge-75

MAT 3240 MT= 56 (n,n') Level Legendre Coefficients 32-Ge-75



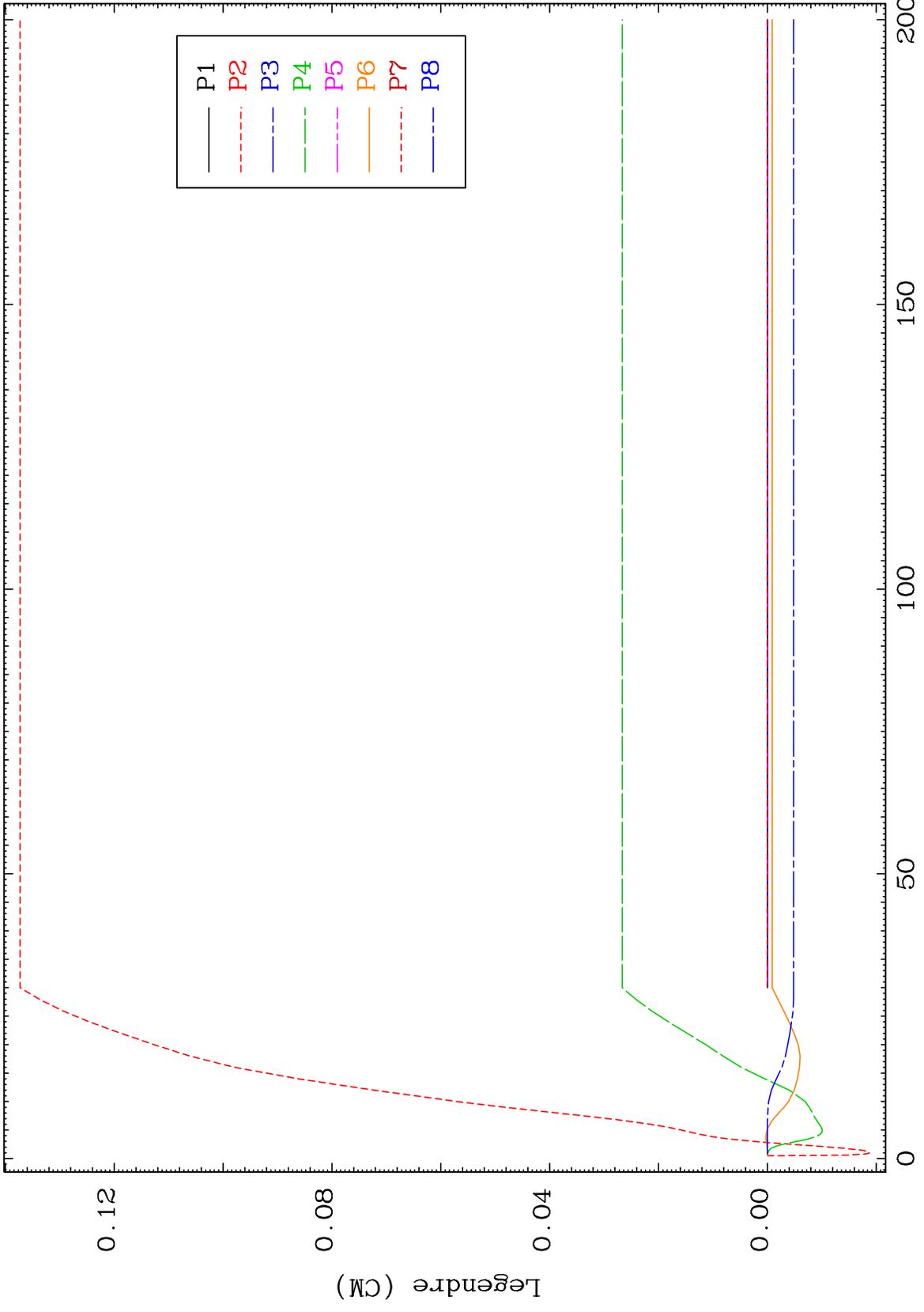
35 Incident Energy (MeV) 32-Ge-75

MAT 3240 MT= 56 (n,n') Level Legendre Coefficients 32-Ge-75



36 Incident Energy (MeV) 32-Ge-75

MAT 3240 MT= 57 (n,n') Level Legendre Coefficients 32-Ge-75

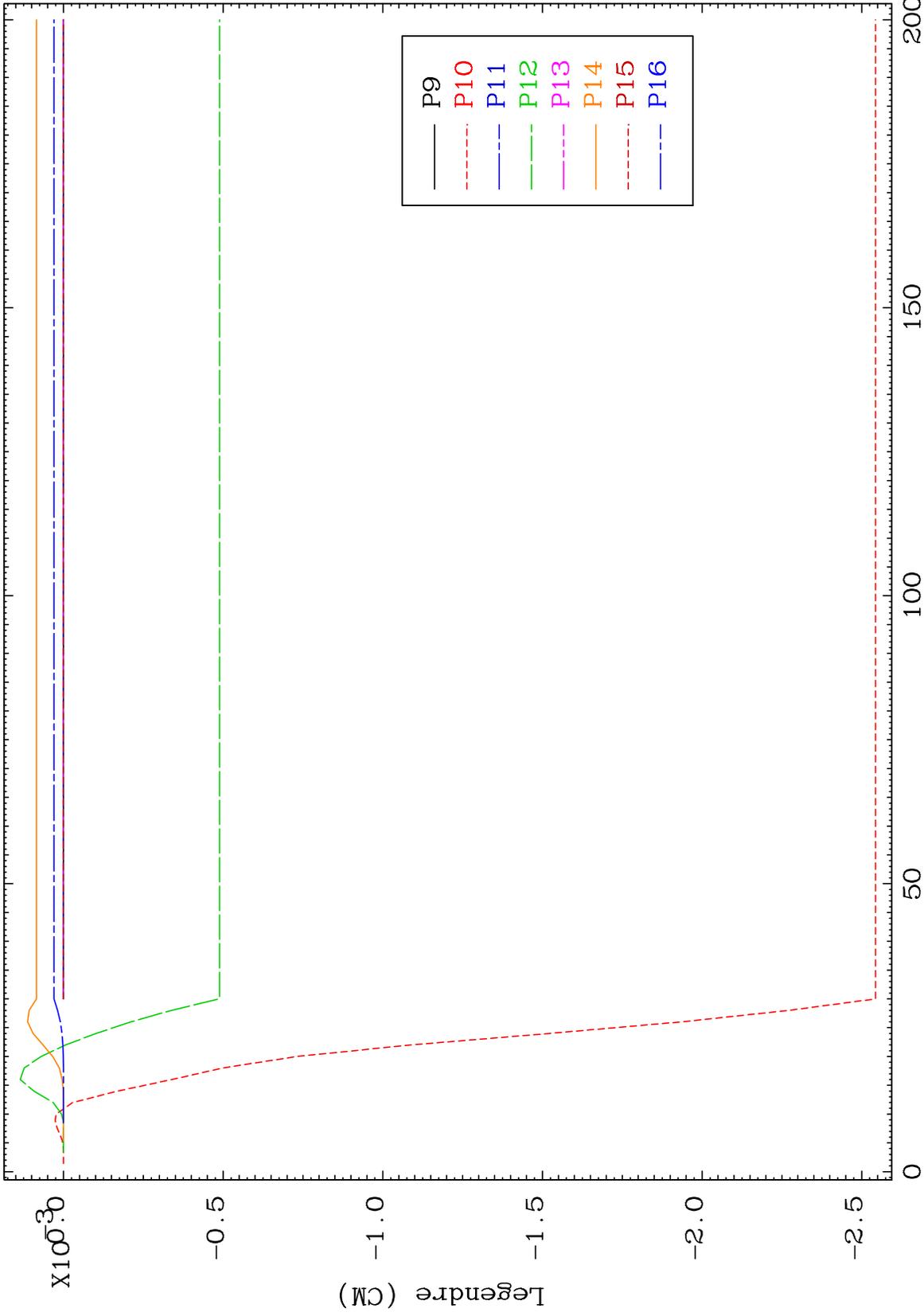


37 32-Ge-75

MAT 3240

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

32-Ge-75

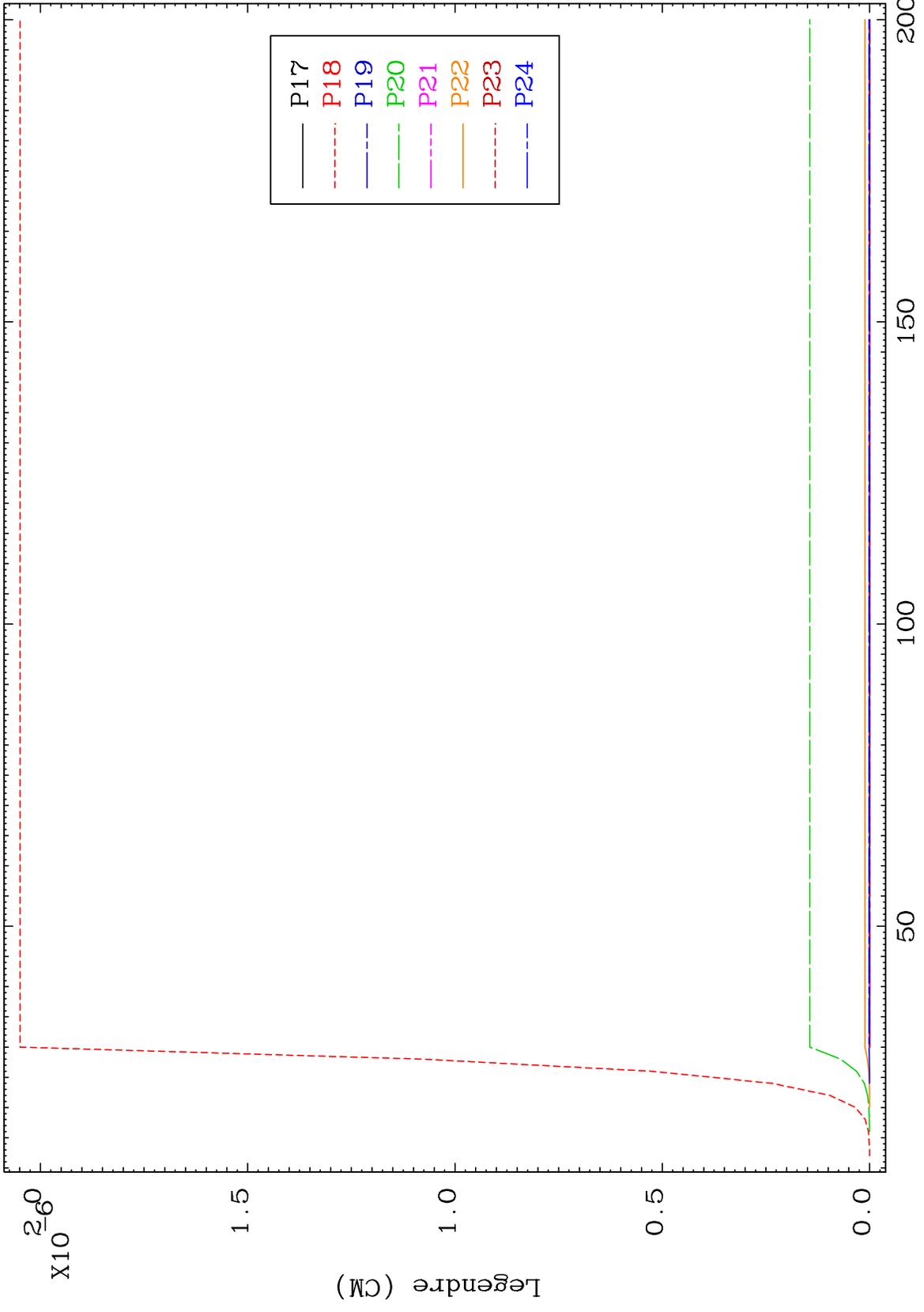


38

Incident Energy (MeV)

32-Ge-75

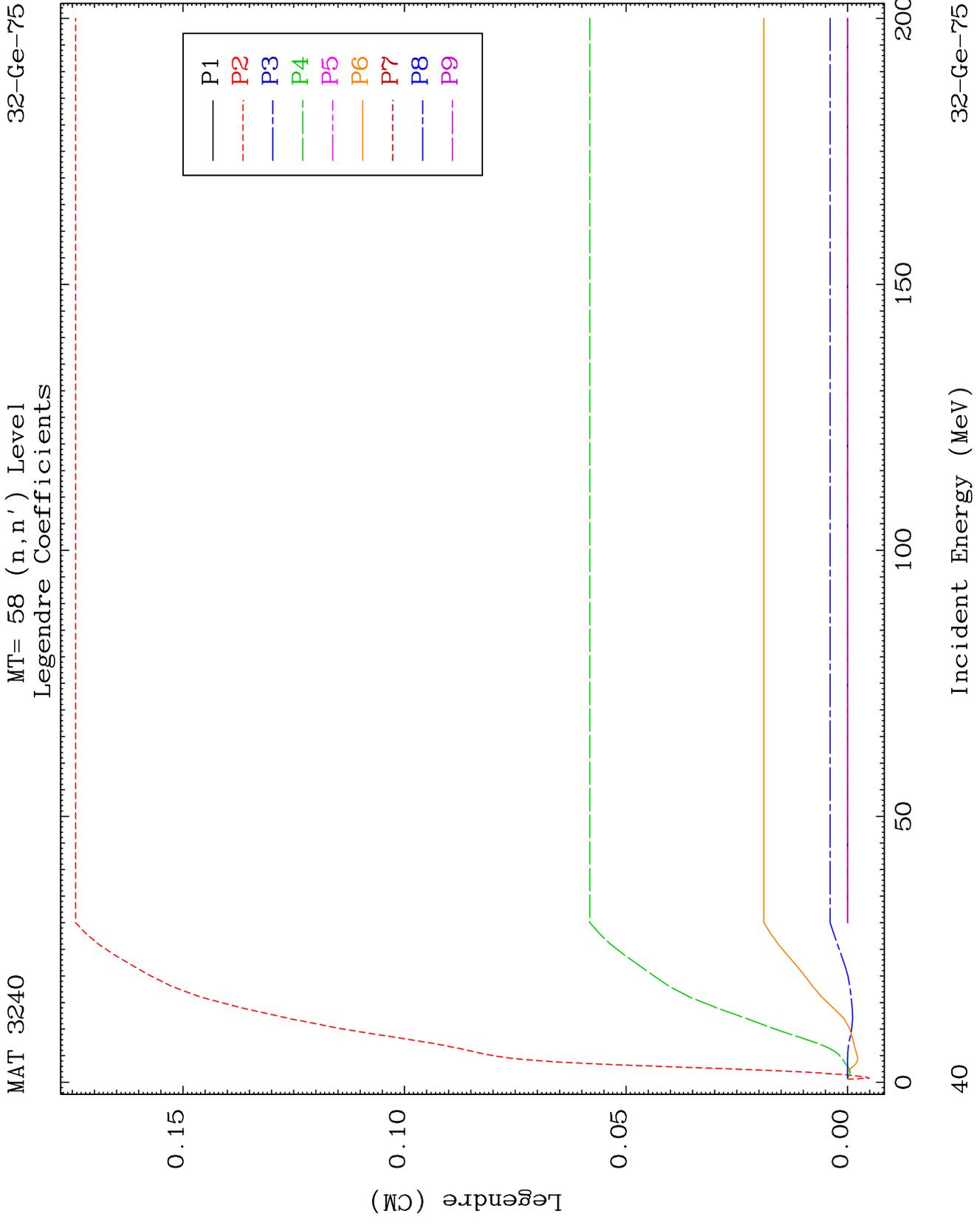
MAT 3240 MT= 57 (n,n') Level Legendre Coefficients 32-Ge-75



32-Ge-75

Incident Energy (MeV)

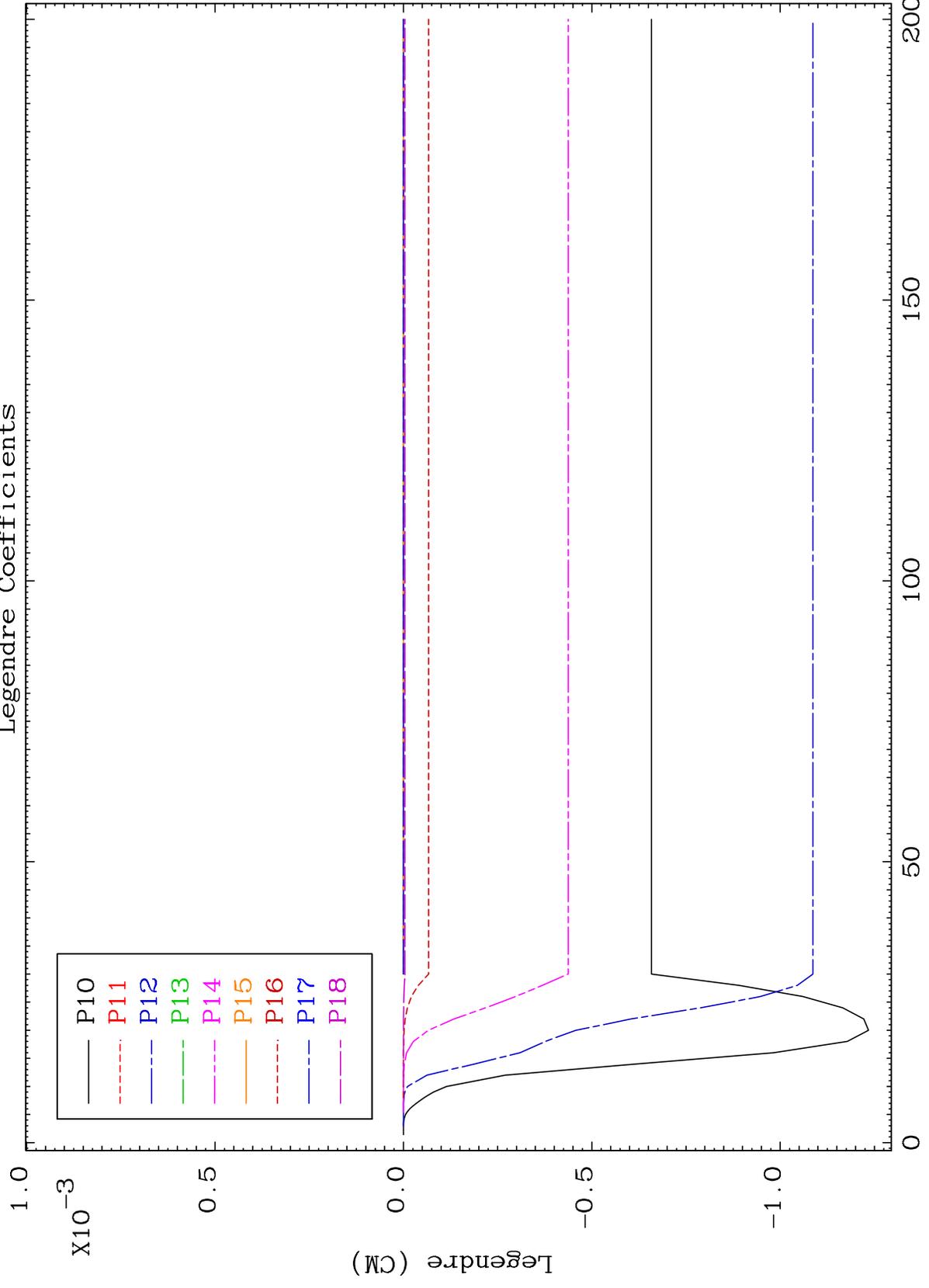
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MAT 3240

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

32-Ge-75

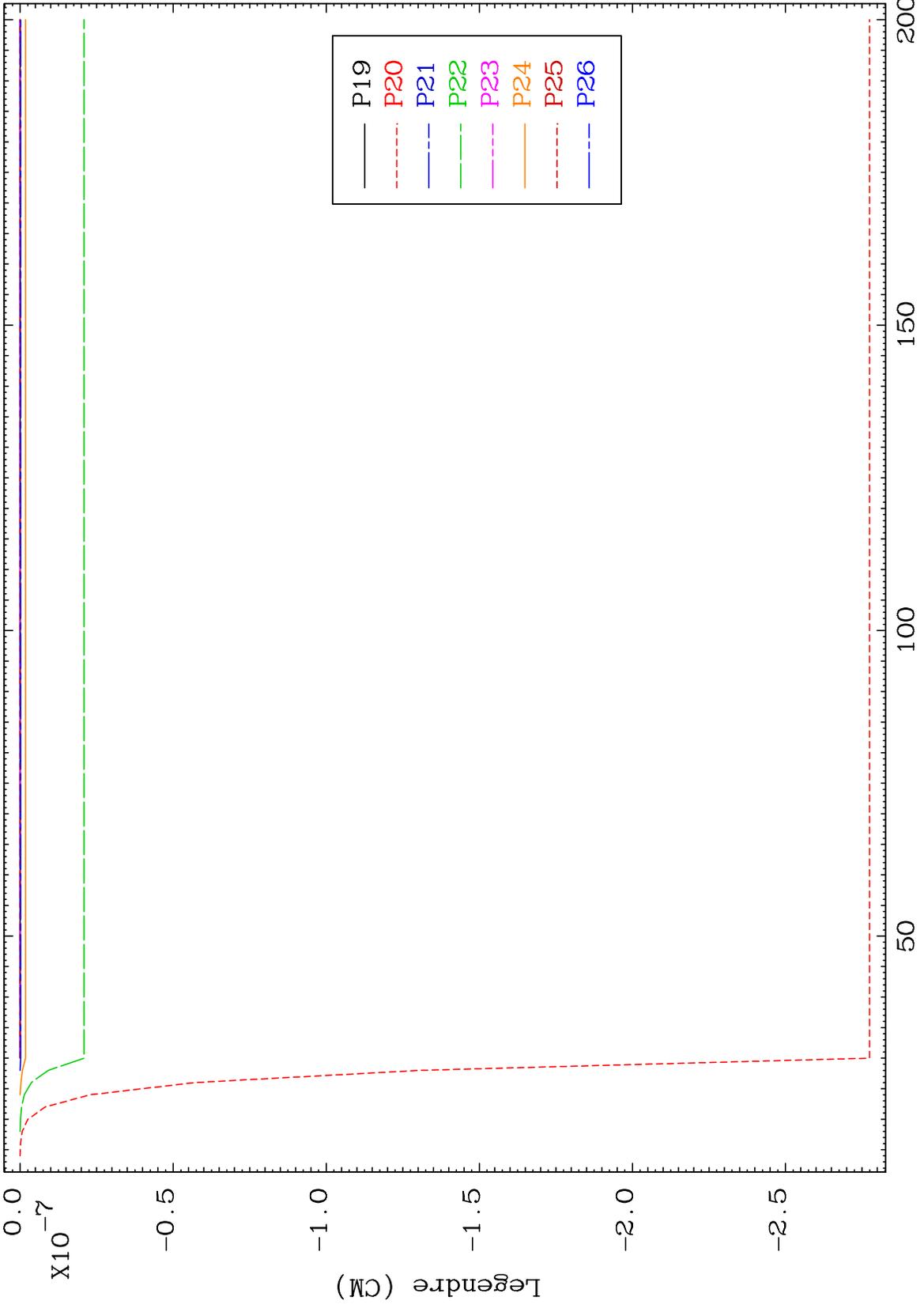


32-Ge-75

Incident Energy (MeV)

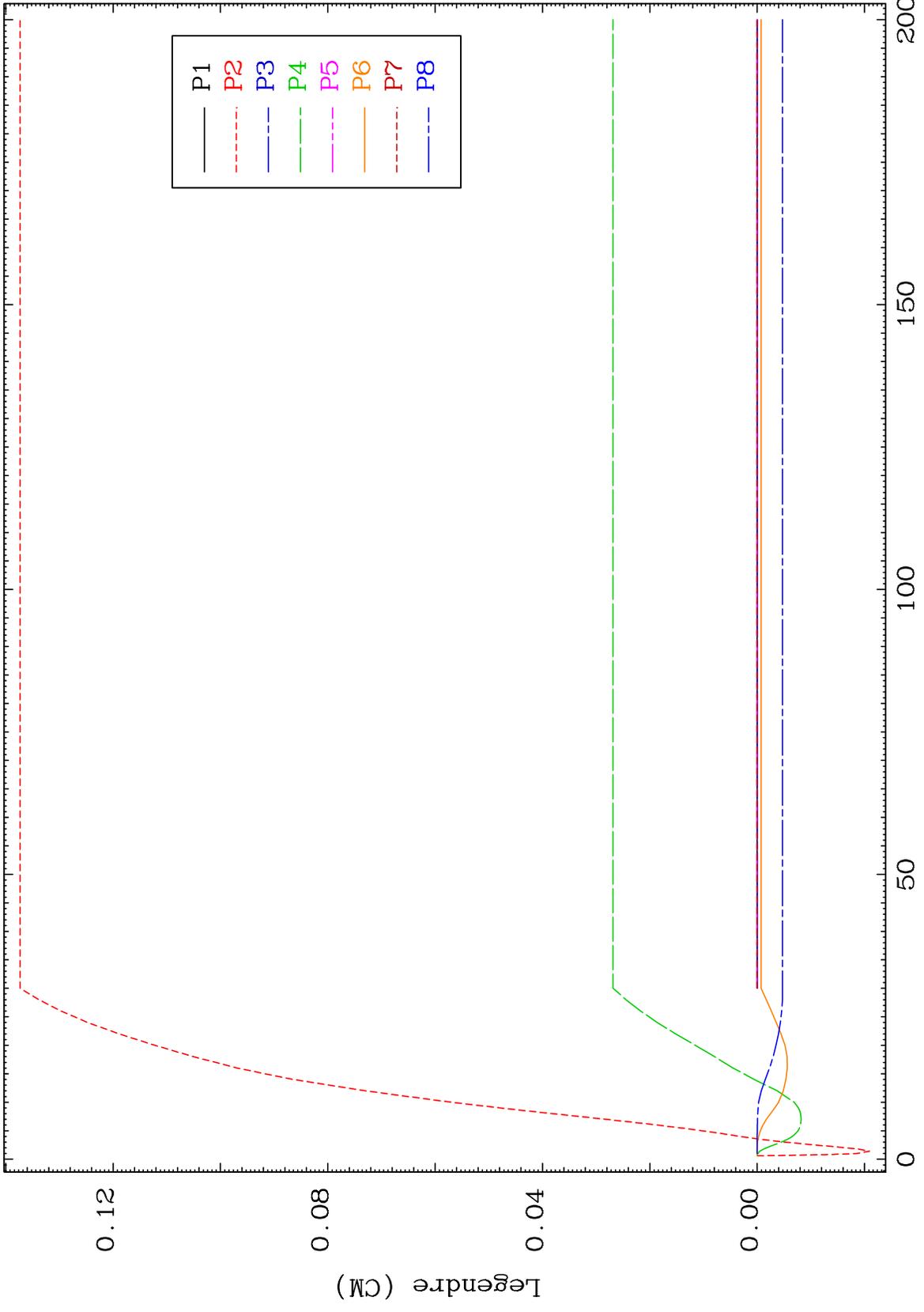
41

MAT 3240 MT= 58 (n,n') Level Legendre Coefficients 32-Ge-75



42 Incident Energy (MeV) 32-Ge-75

MAT 3240 MT= 59 (n,n') Level Legendre Coefficients 32-Ge-75

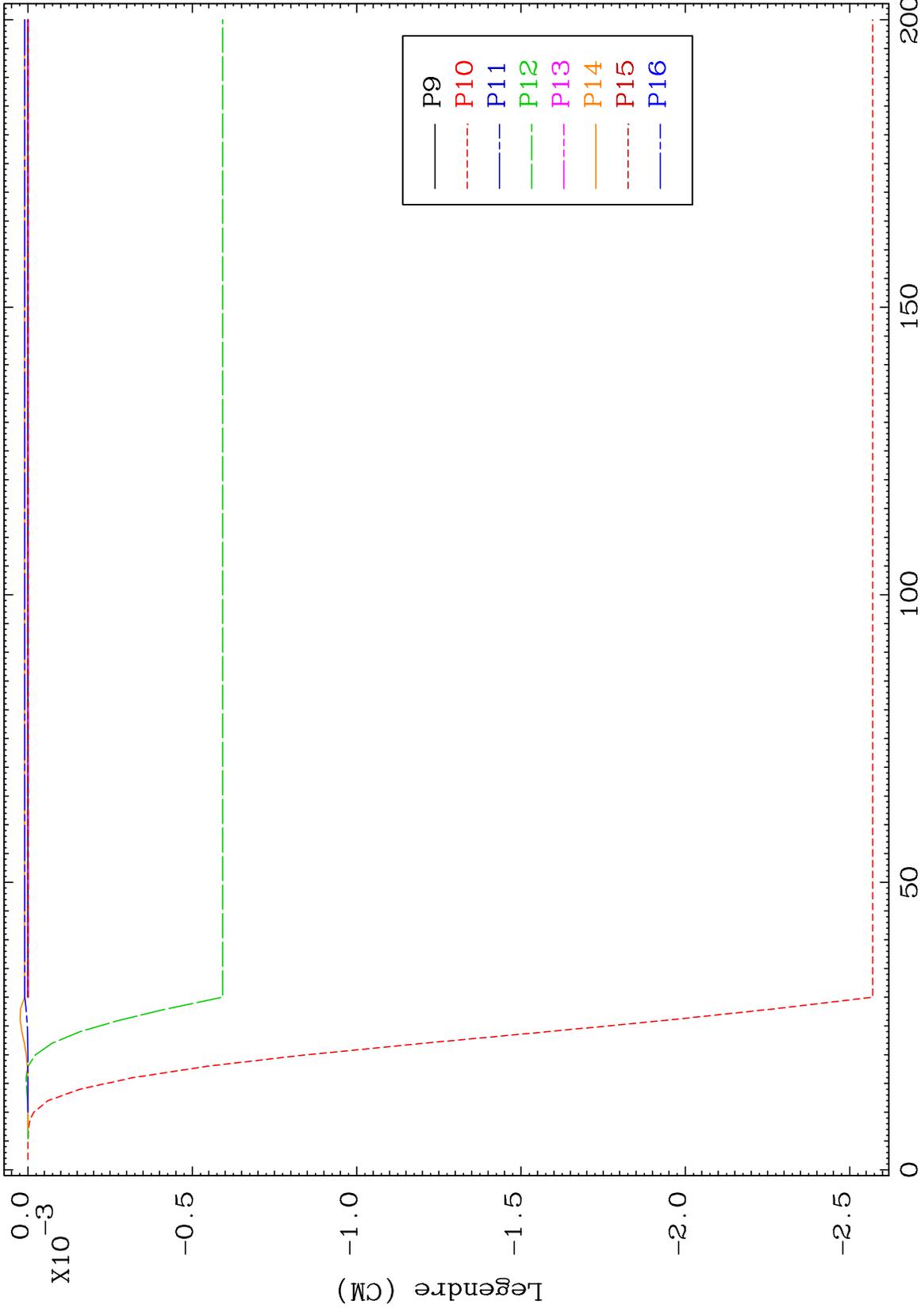


43 32-Ge-75

MAT 3240

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

32-Ge-75

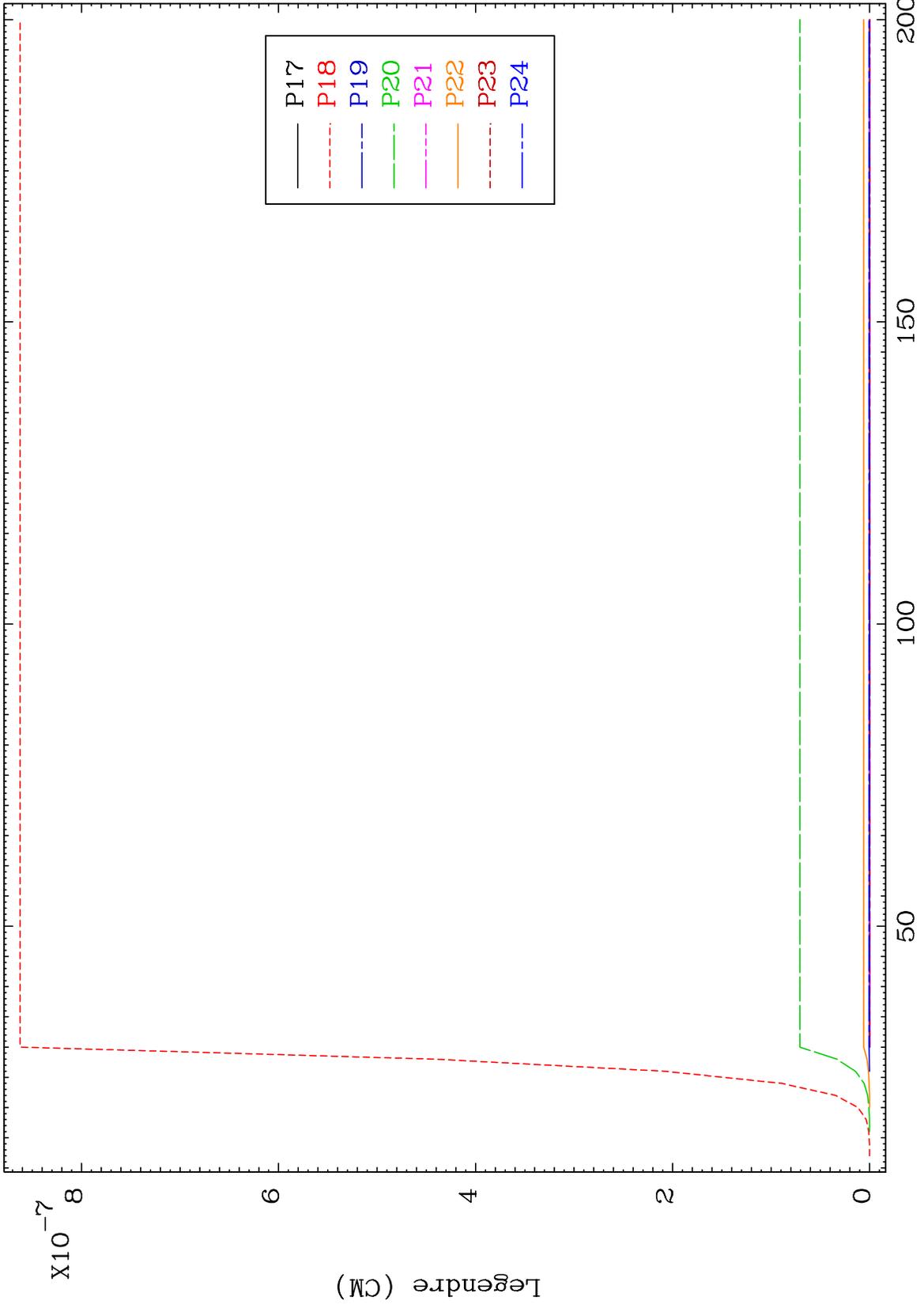


32-Ge-75

Incident Energy (MeV)

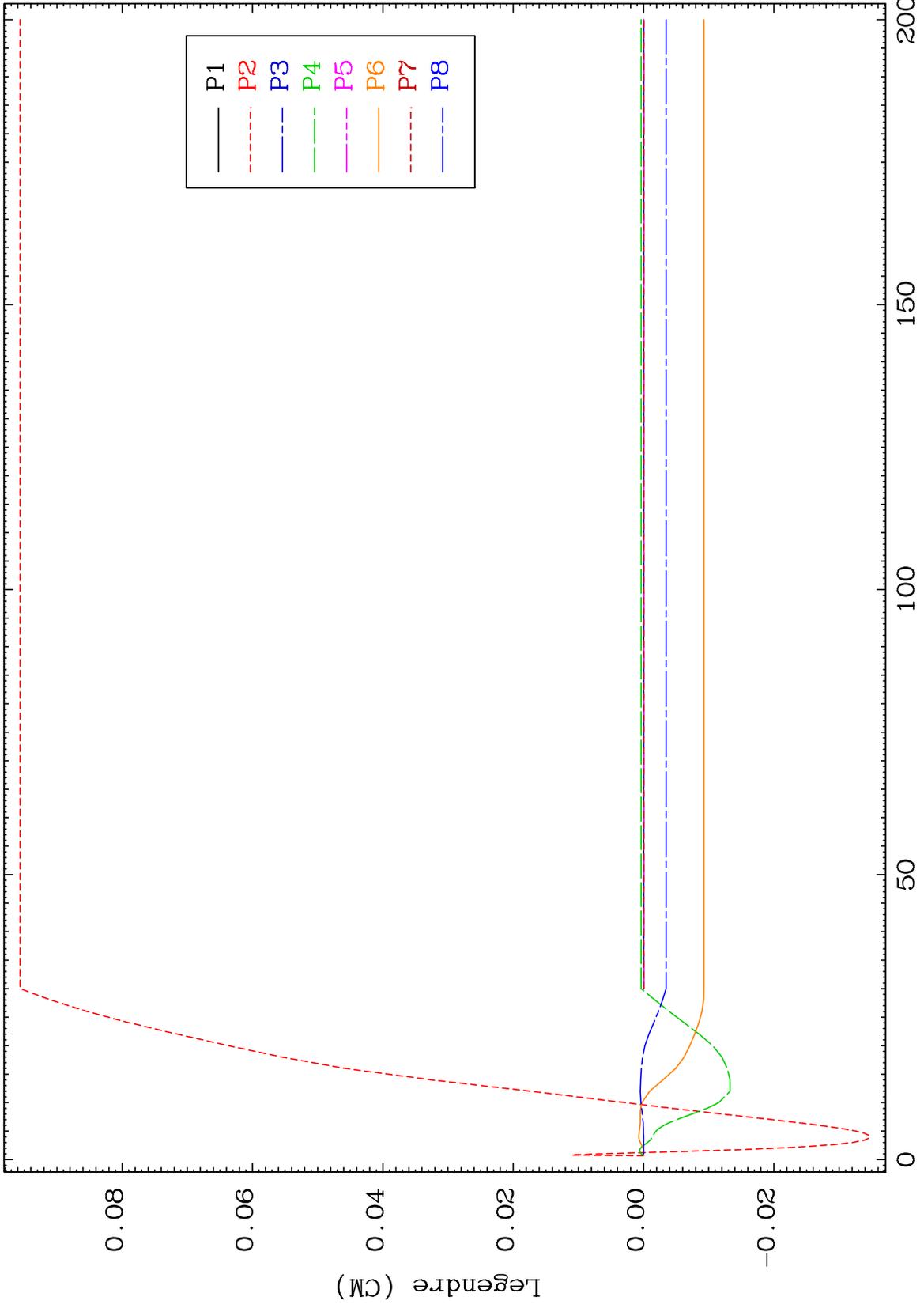
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MAT 3240 MT= 59 (n,n') Level Legendre Coefficients 32-Ge-75



45 50 100 150 200 Incident Energy (MeV) 32-Ge-75

MAT 3240 MT= 60 (n,n') Level Legendre Coefficients 32-Ge-75

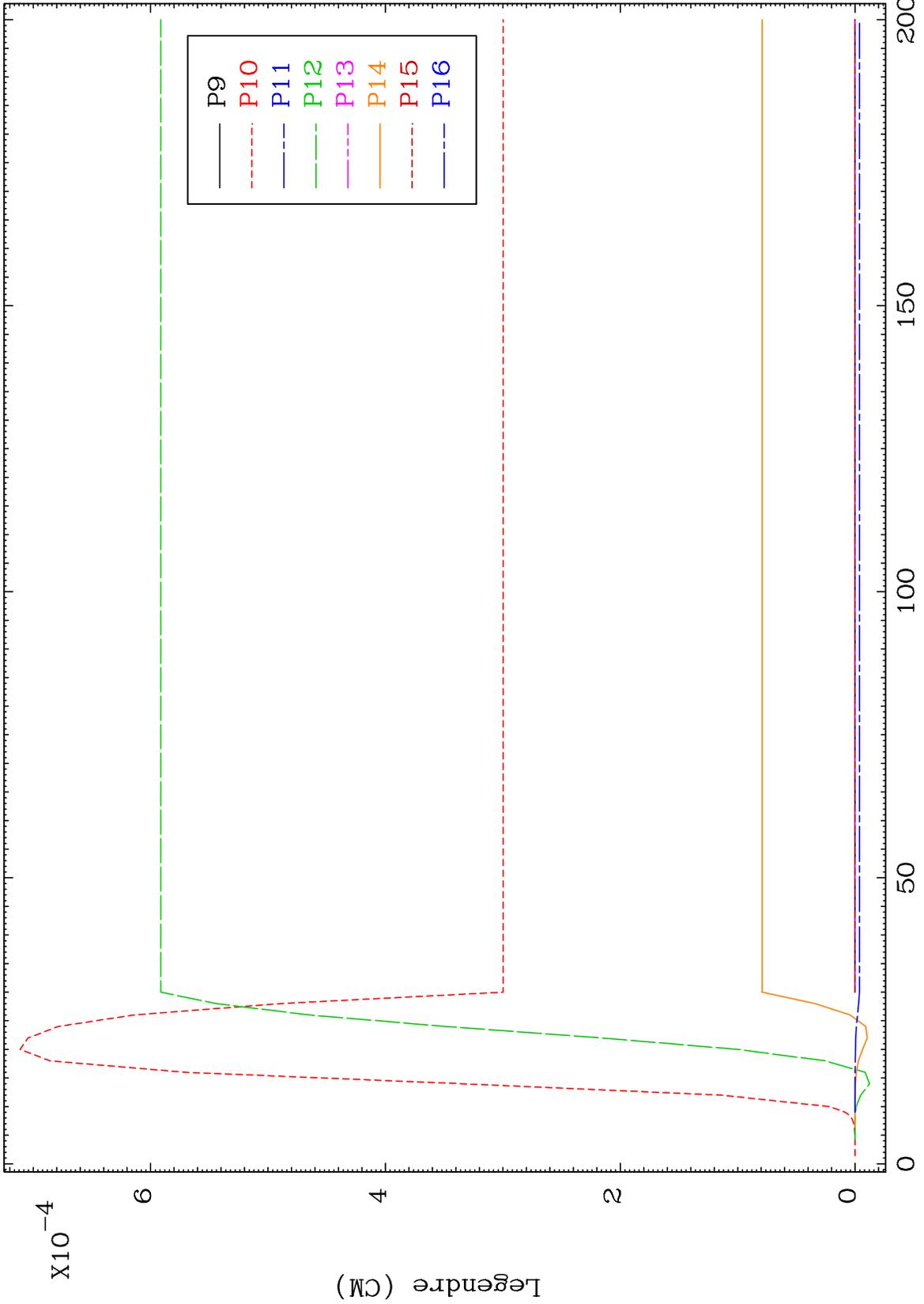


46 32-Ge-75

MAT 3240

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

32-Ge-75



47

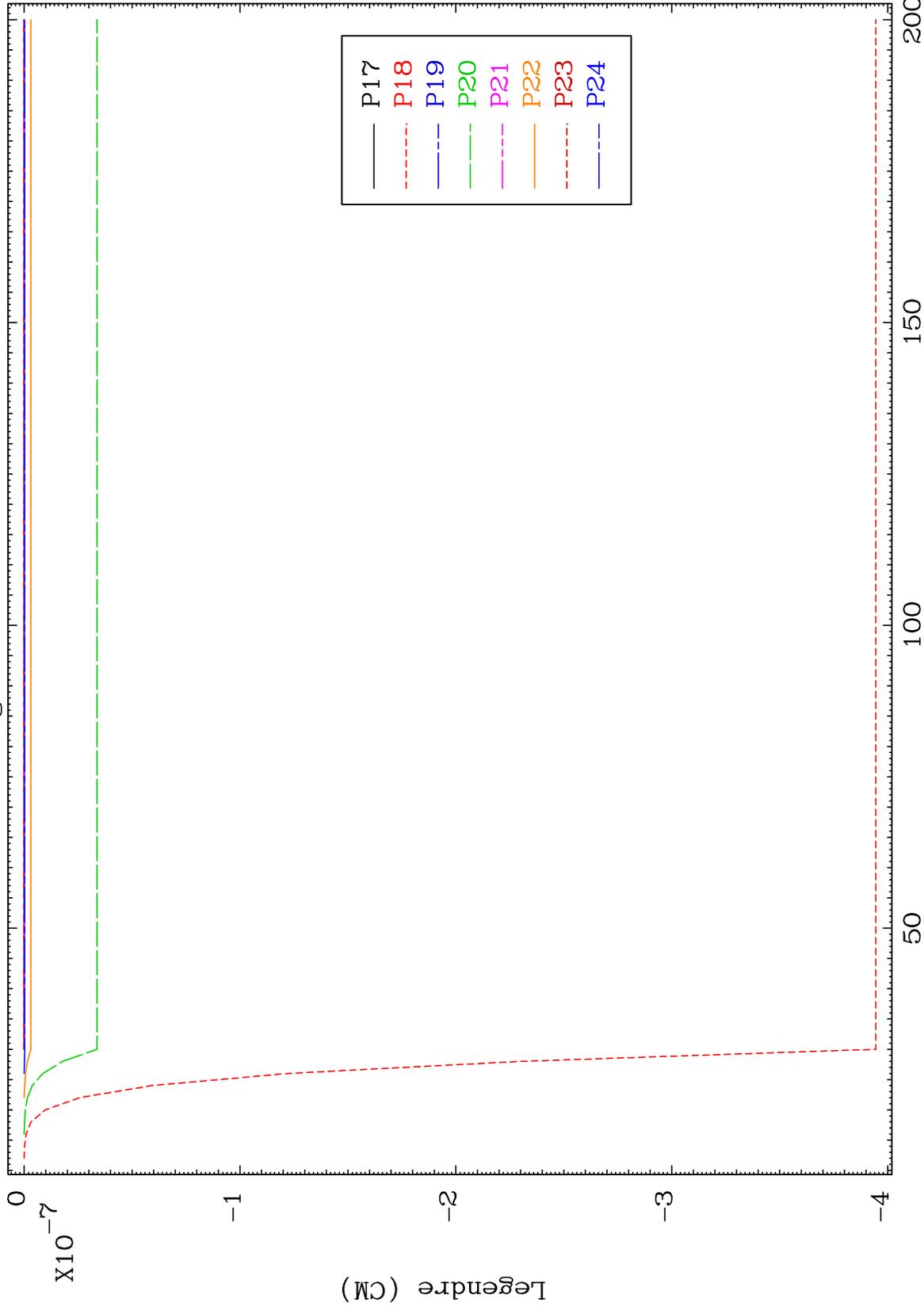
Incident Energy (MeV)

32-Ge-75

MAT 3240

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

32-Ge-75

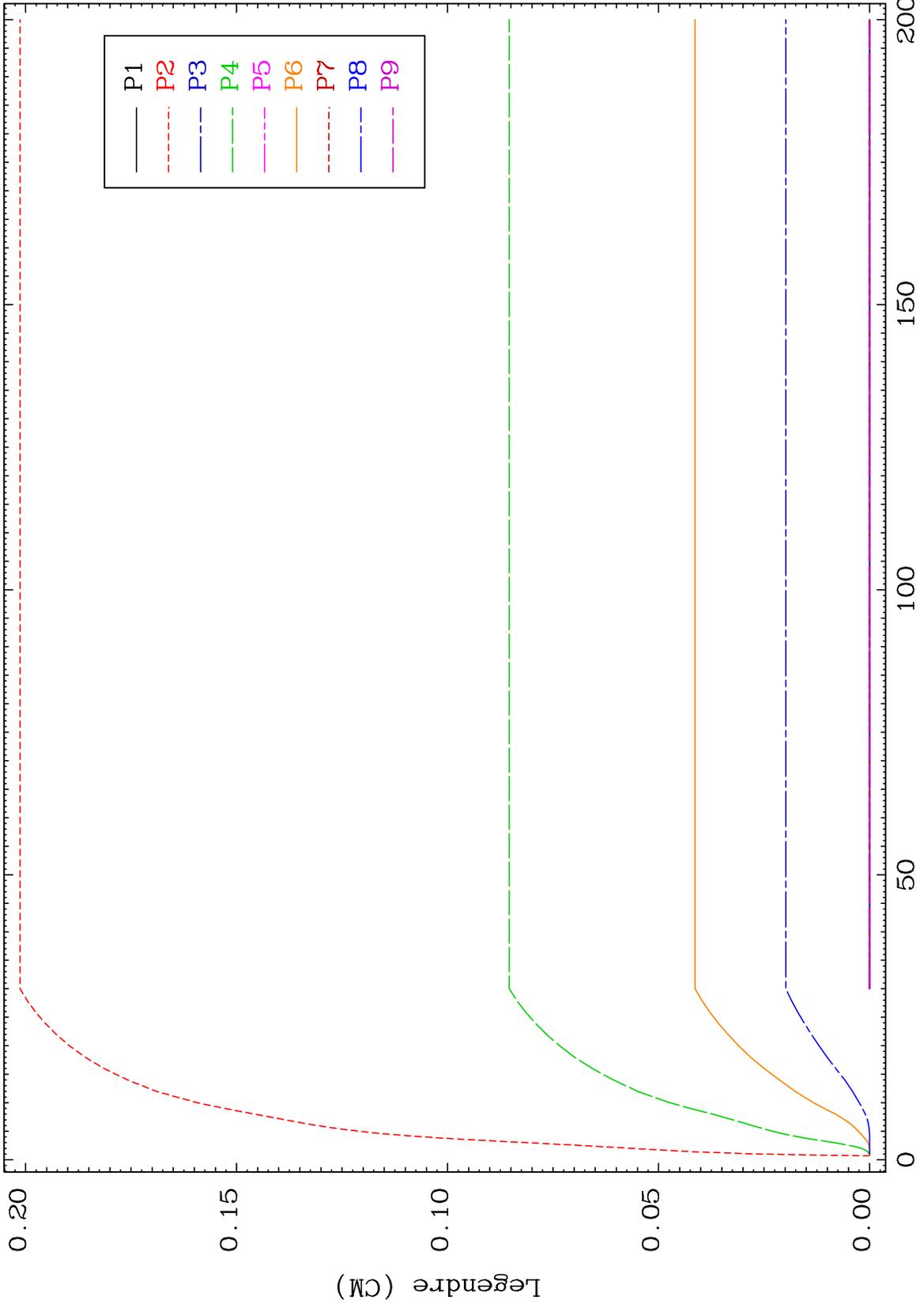


32-Ge-75

Incident Energy (MeV)

48

MAT 3240 MT= 61 (n,n') Level Legendre Coefficients 32-Ge-75

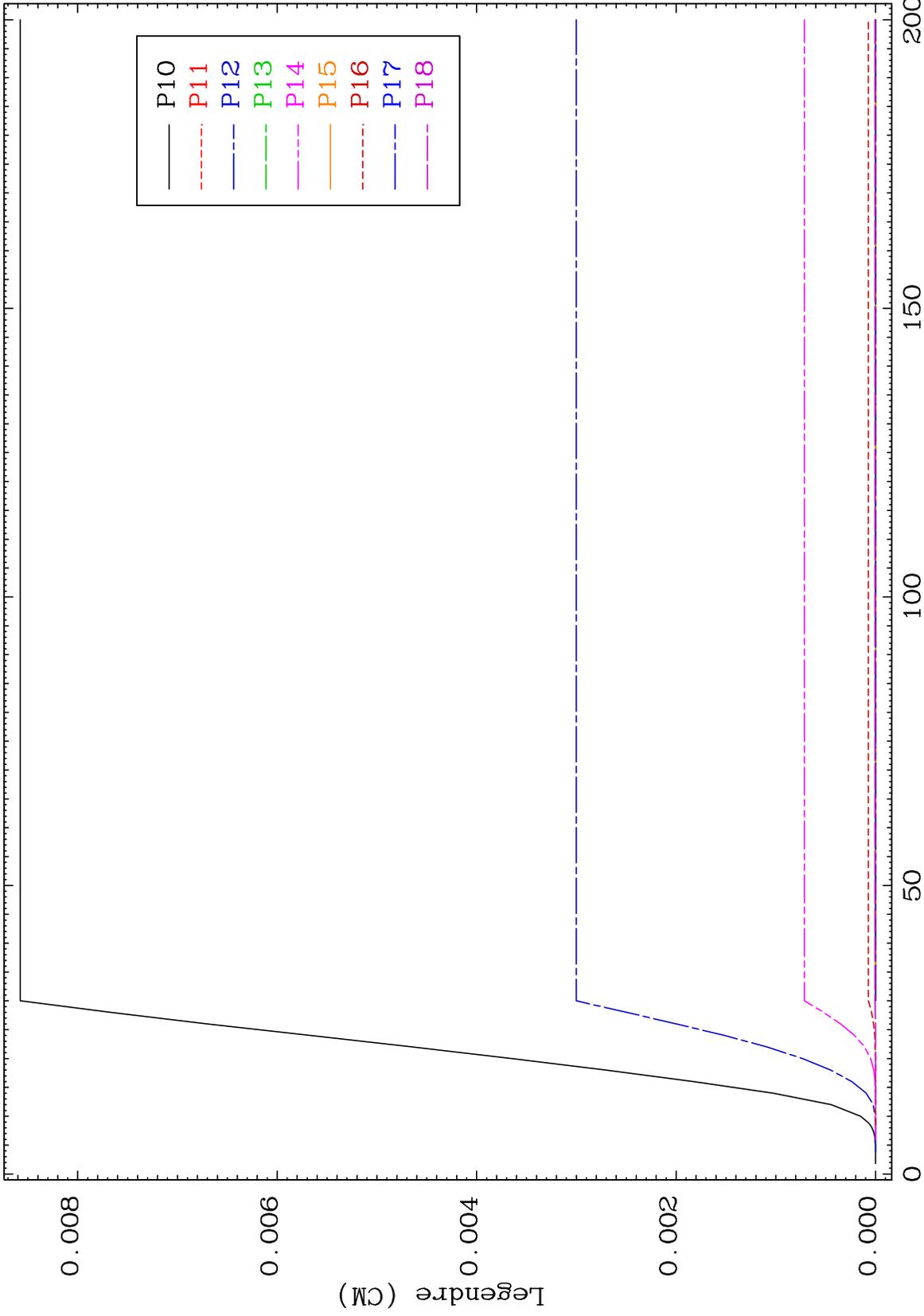


49 Incident Energy (MeV) 32-Ge-75

MAT 3240

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

32-Ge-75

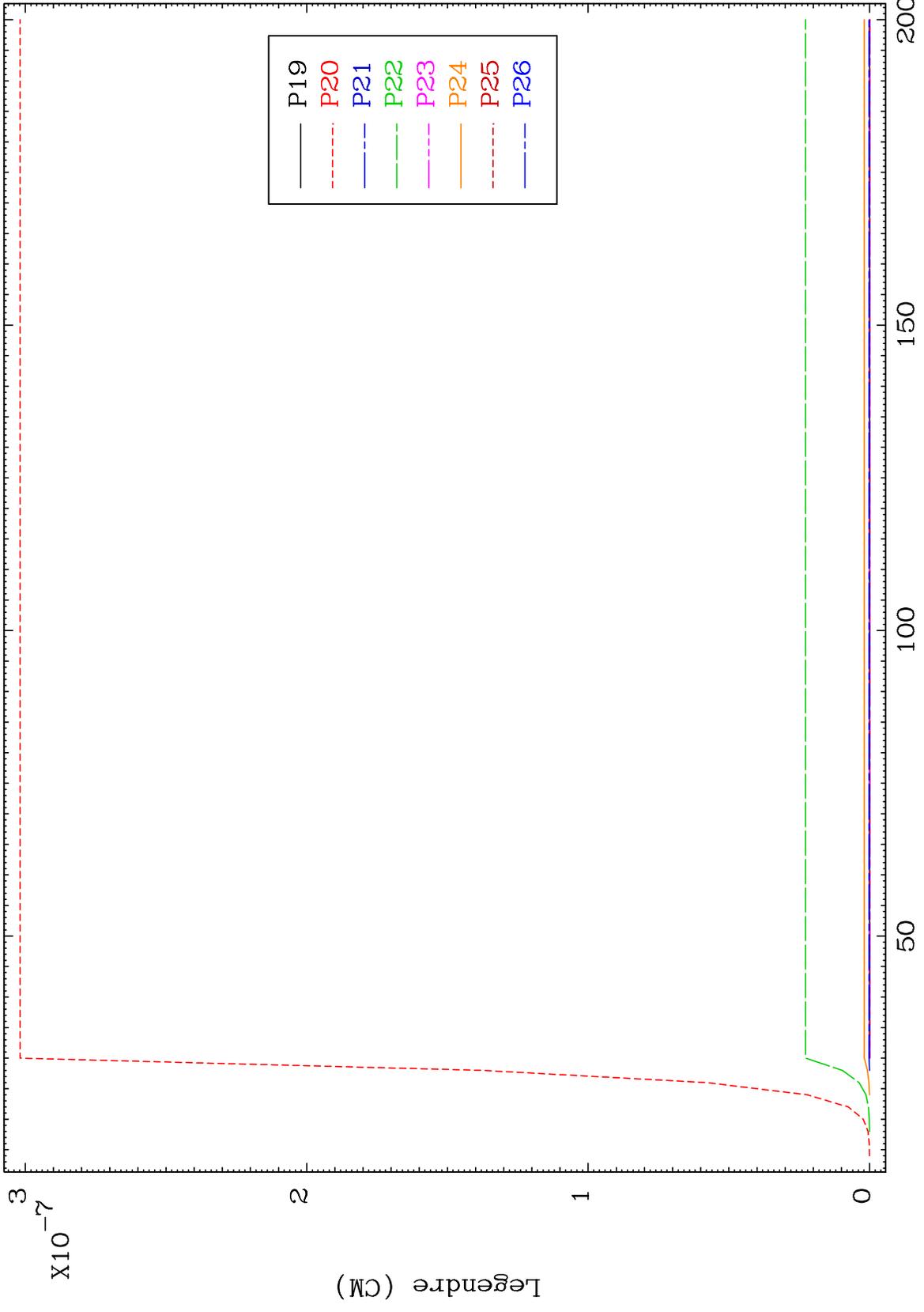


32-Ge-75

Incident Energy (MeV)

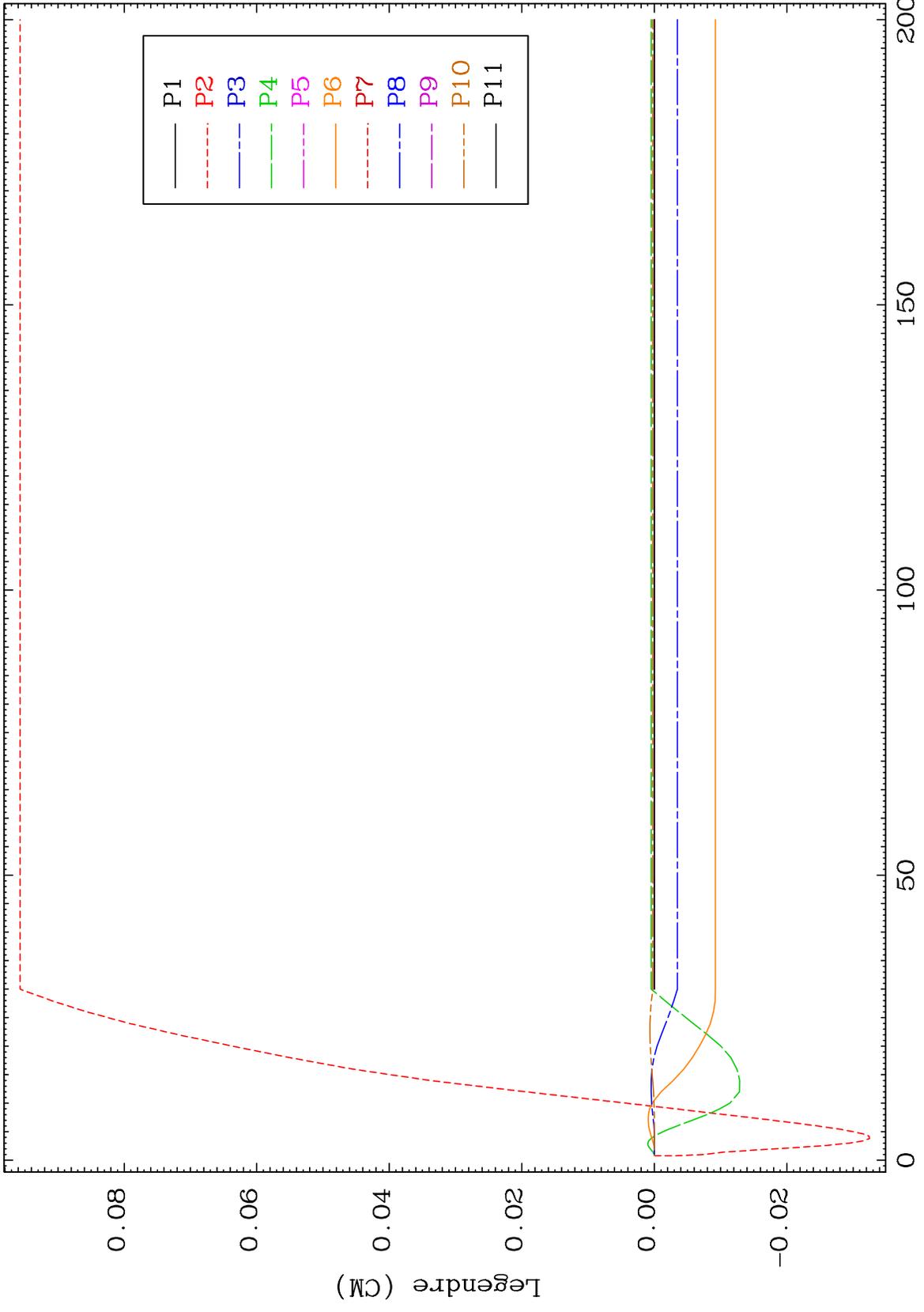
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MAT 3240 MT= 61 (n,n') Level Legendre Coefficients 32-Ge-75



51 Incident Energy (MeV) 32-Ge-75

MAT 3240 MT= 62 (n,n') Level Legendre Coefficients 32-Ge-75

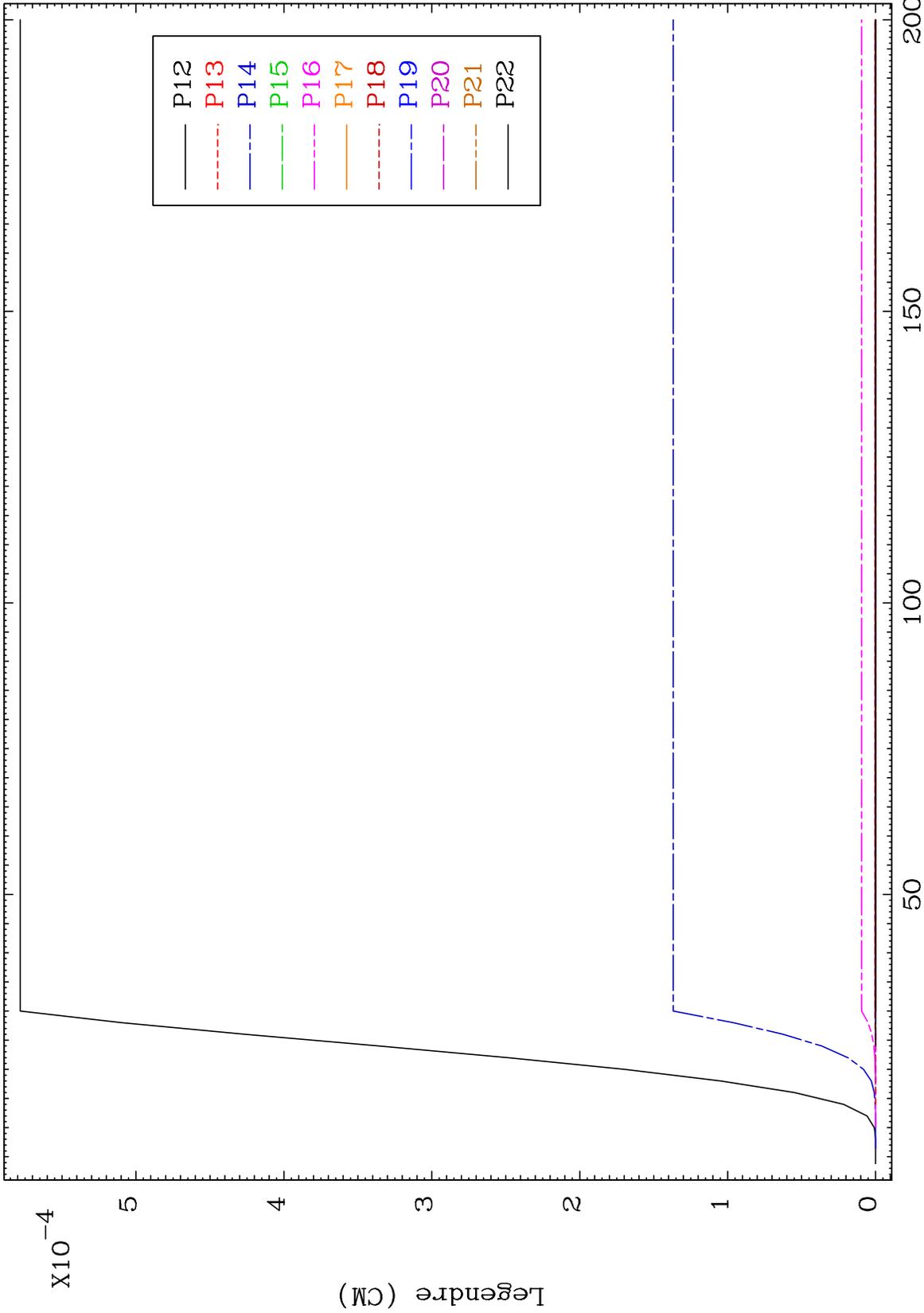


52 Incident Energy (MeV) 32-Ge-75

MAT 3240

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

32-Ge-75

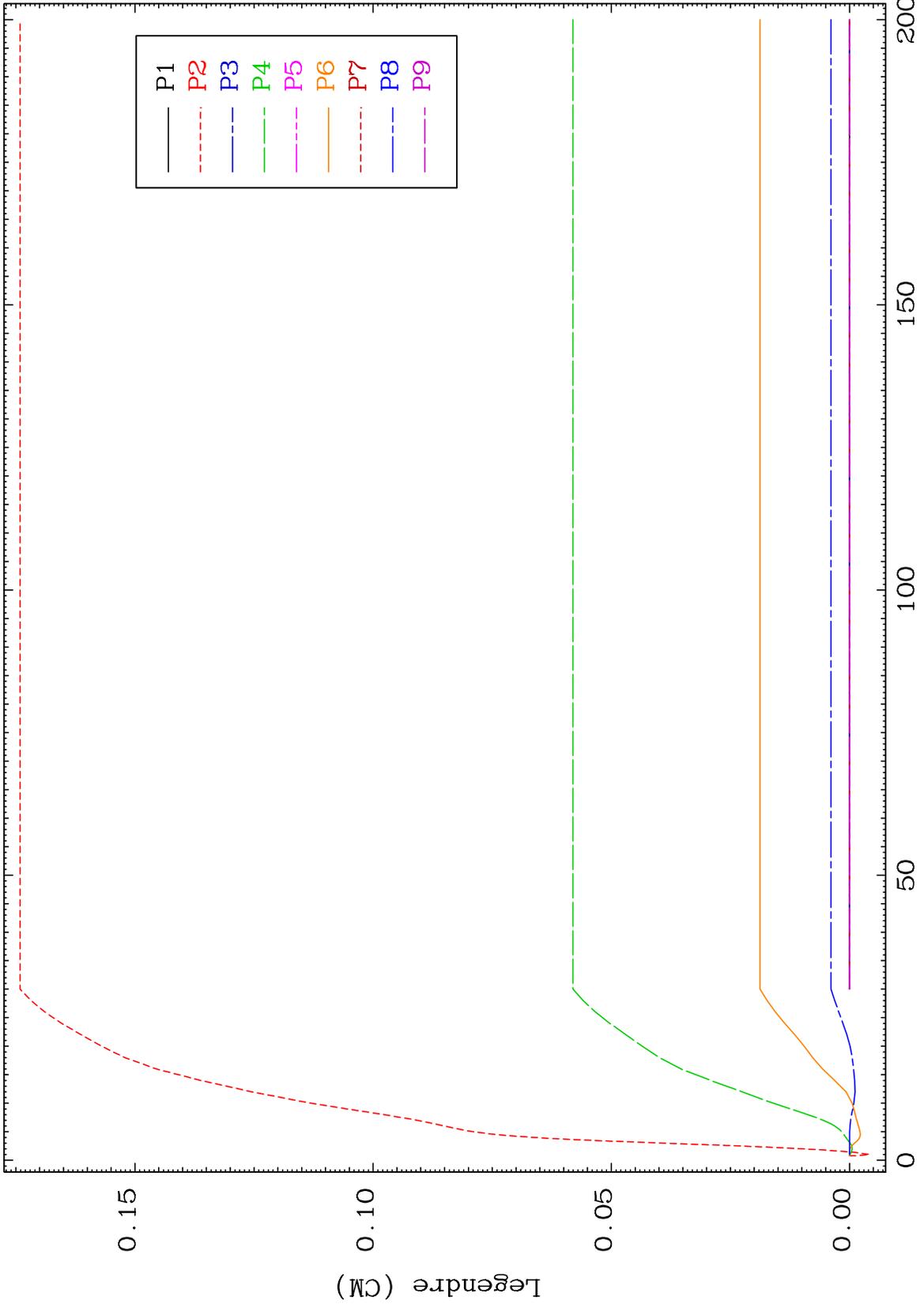


53

Incident Energy (MeV)

32-Ge-75

MAT 3240 MT= 63 (n,n') Level Legendre Coefficients 32-Ge-75

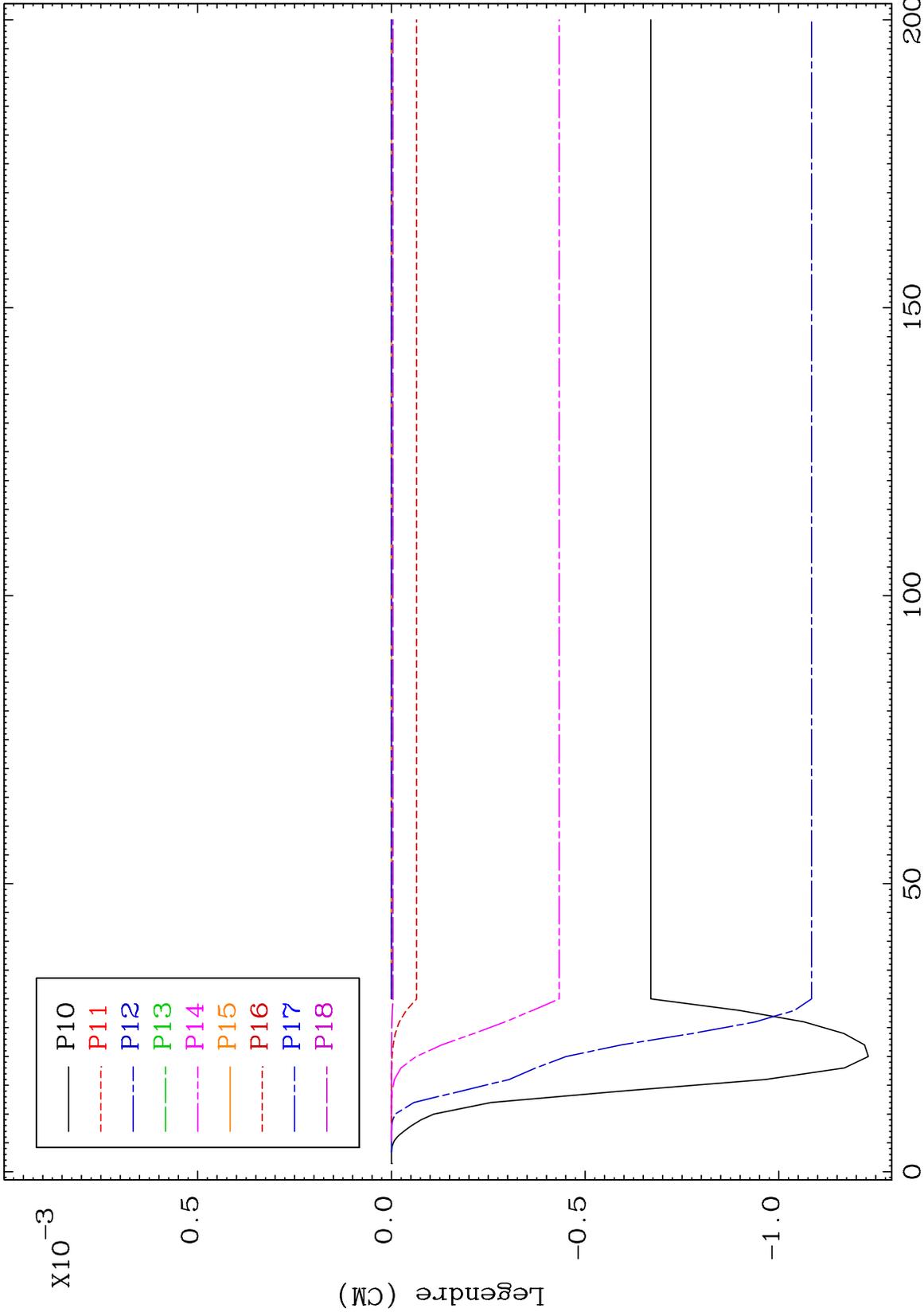


54 32-Ge-75

MAT 3240

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

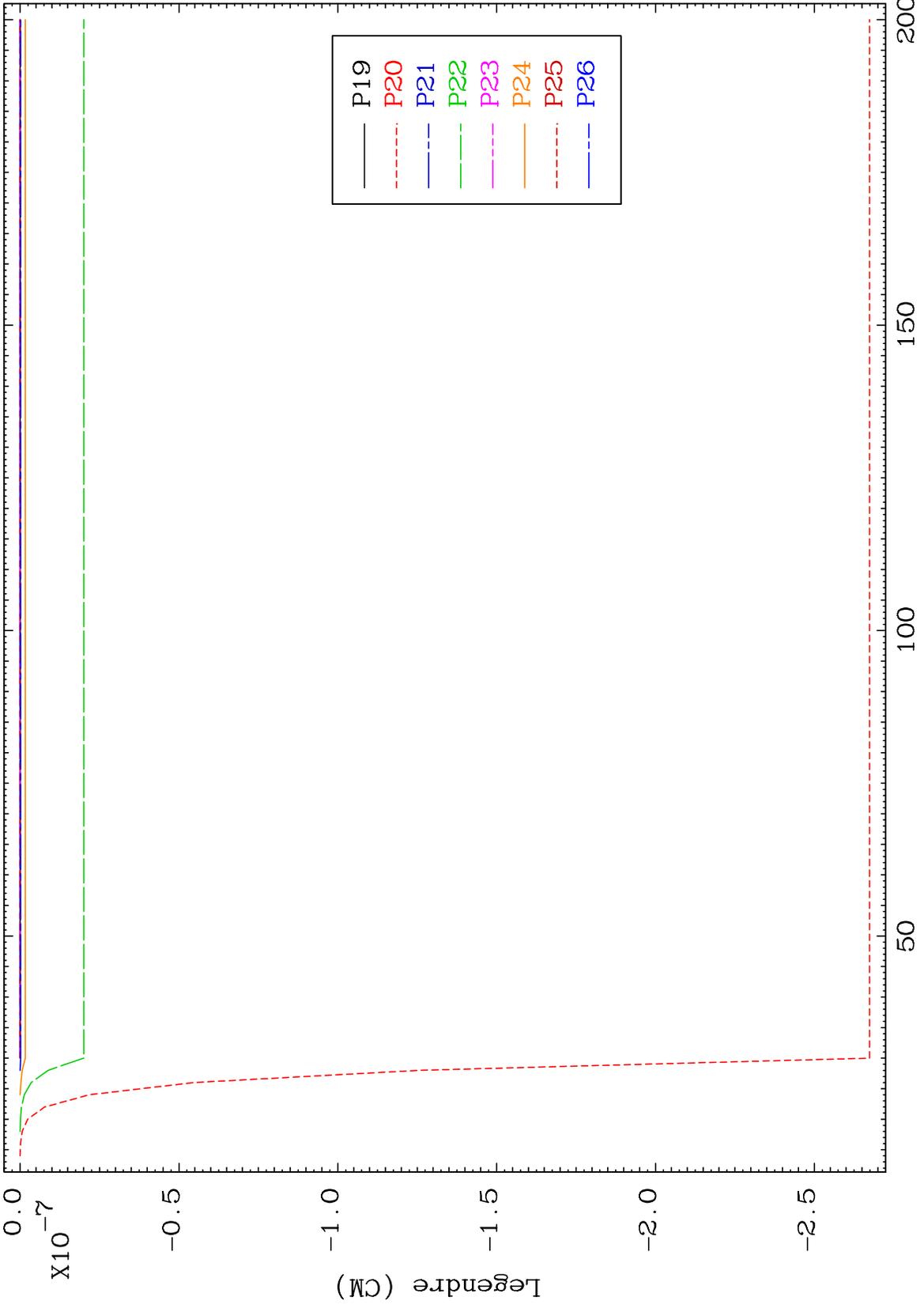
32-Ge-75



55

Incident Energy (MeV)

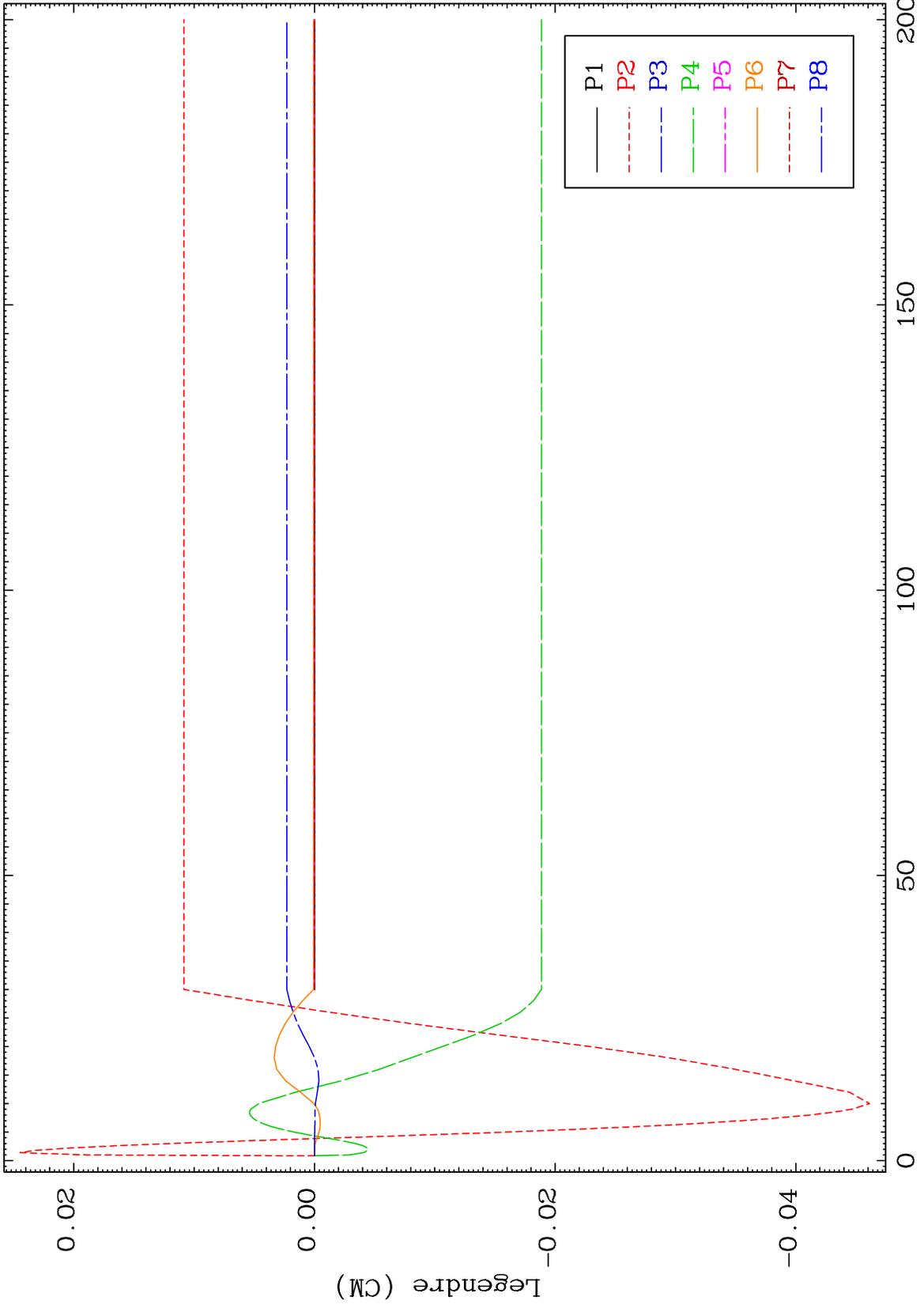
32-Ge-75



MAT 3240

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

32-Ge-75

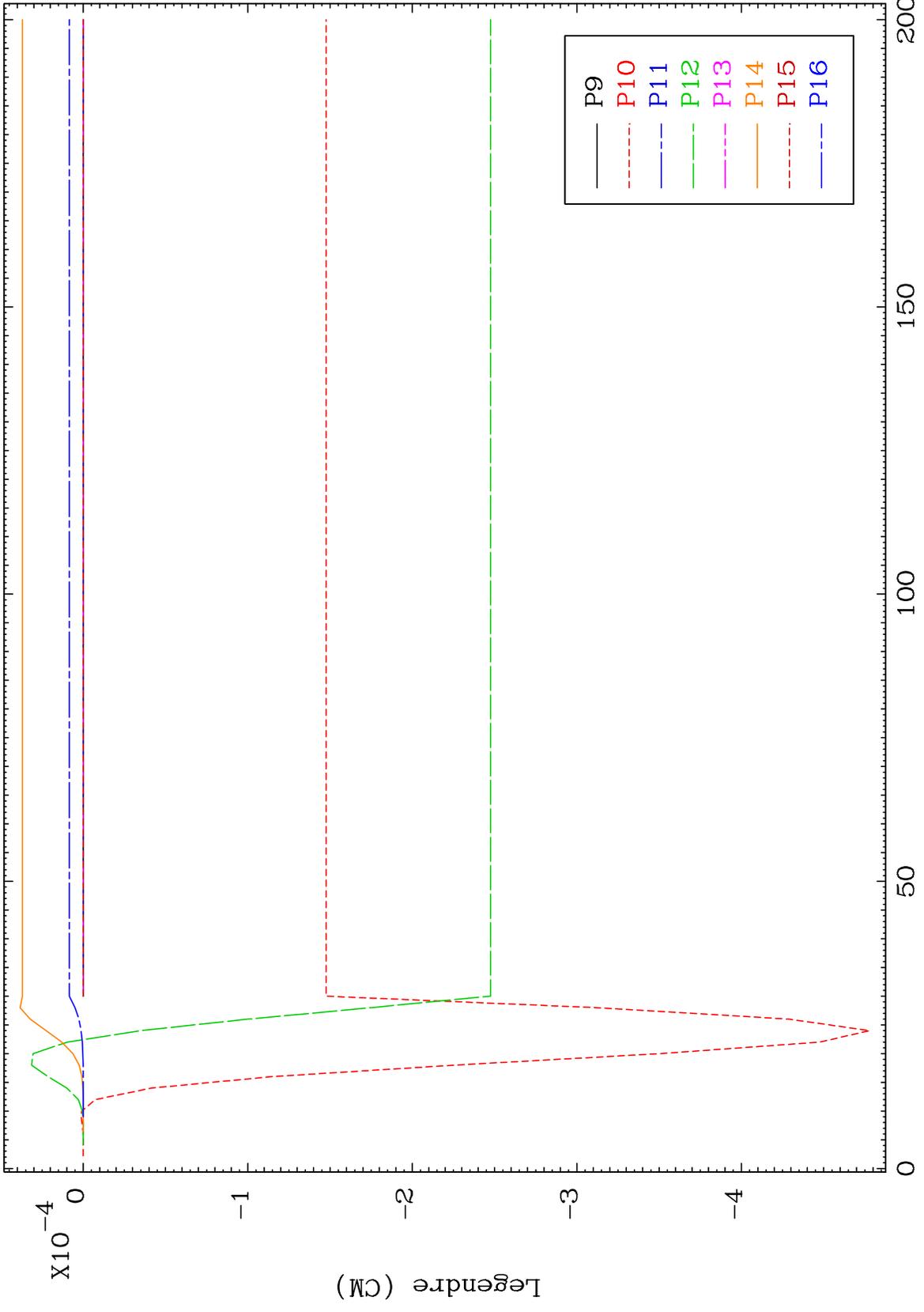


57

Incident Energy (MeV)

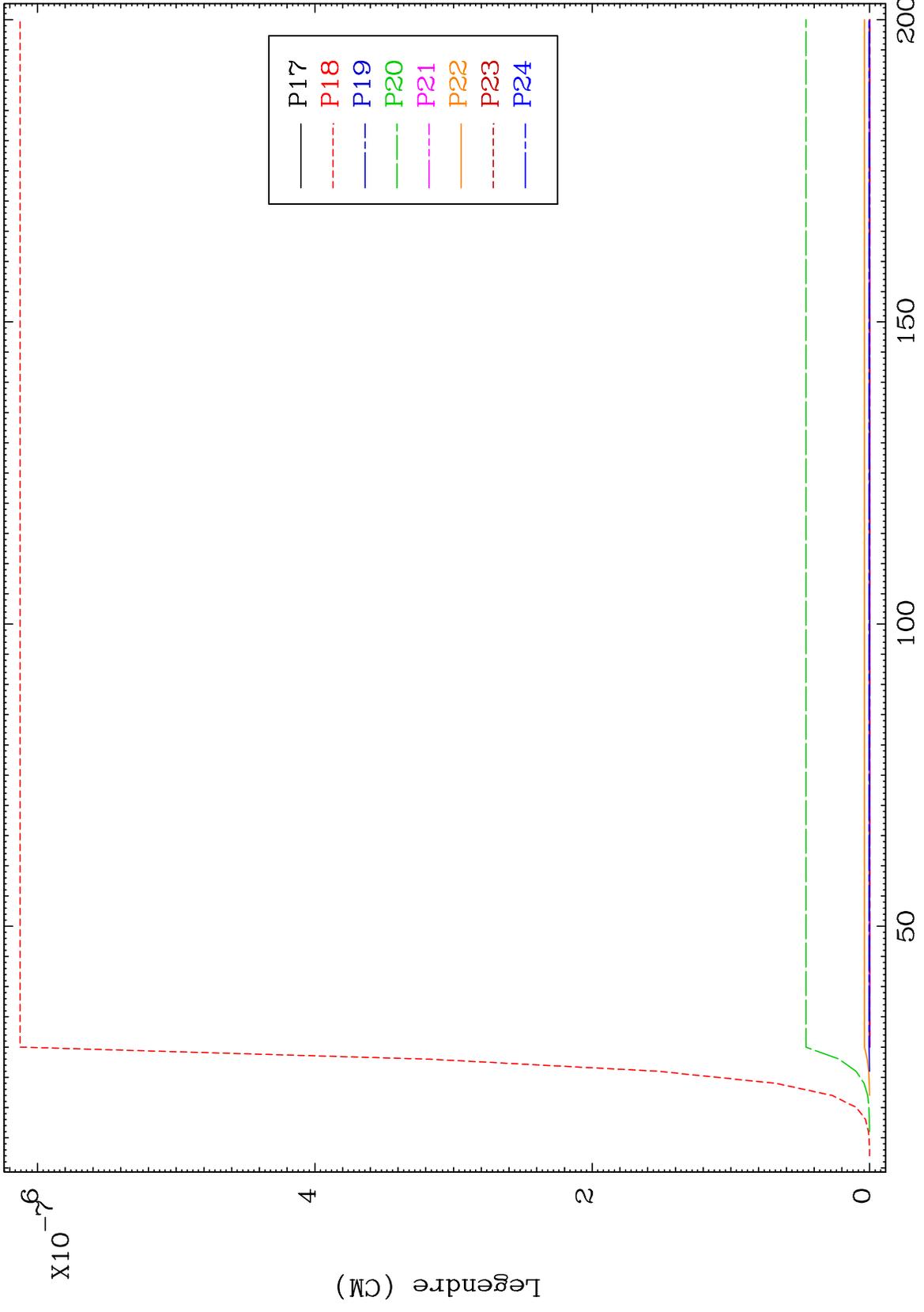
32-Ge-75

MAT 3240 MT= 64 (n,n') Level Legendre Coefficients 32-Ge-75



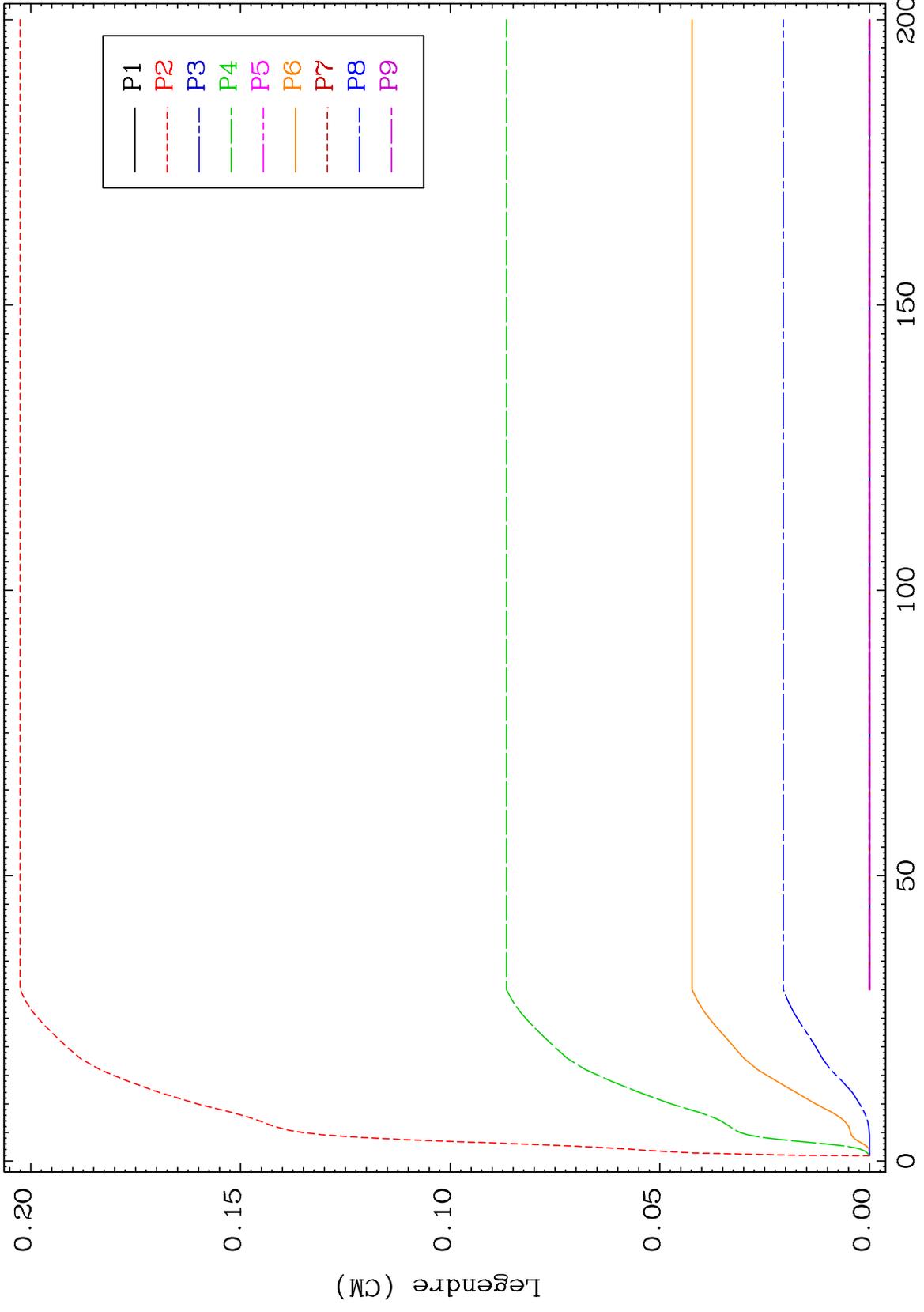
58 32-Ge-75

MAT 3240 MT= 64 (n,n') Level Legendre Coefficients 32-Ge-75



59 Incident Energy (MeV) 200 32-Ge-75

MAT 3240 MT= 65 (n,n') Level Legendre Coefficients 32-Ge-75

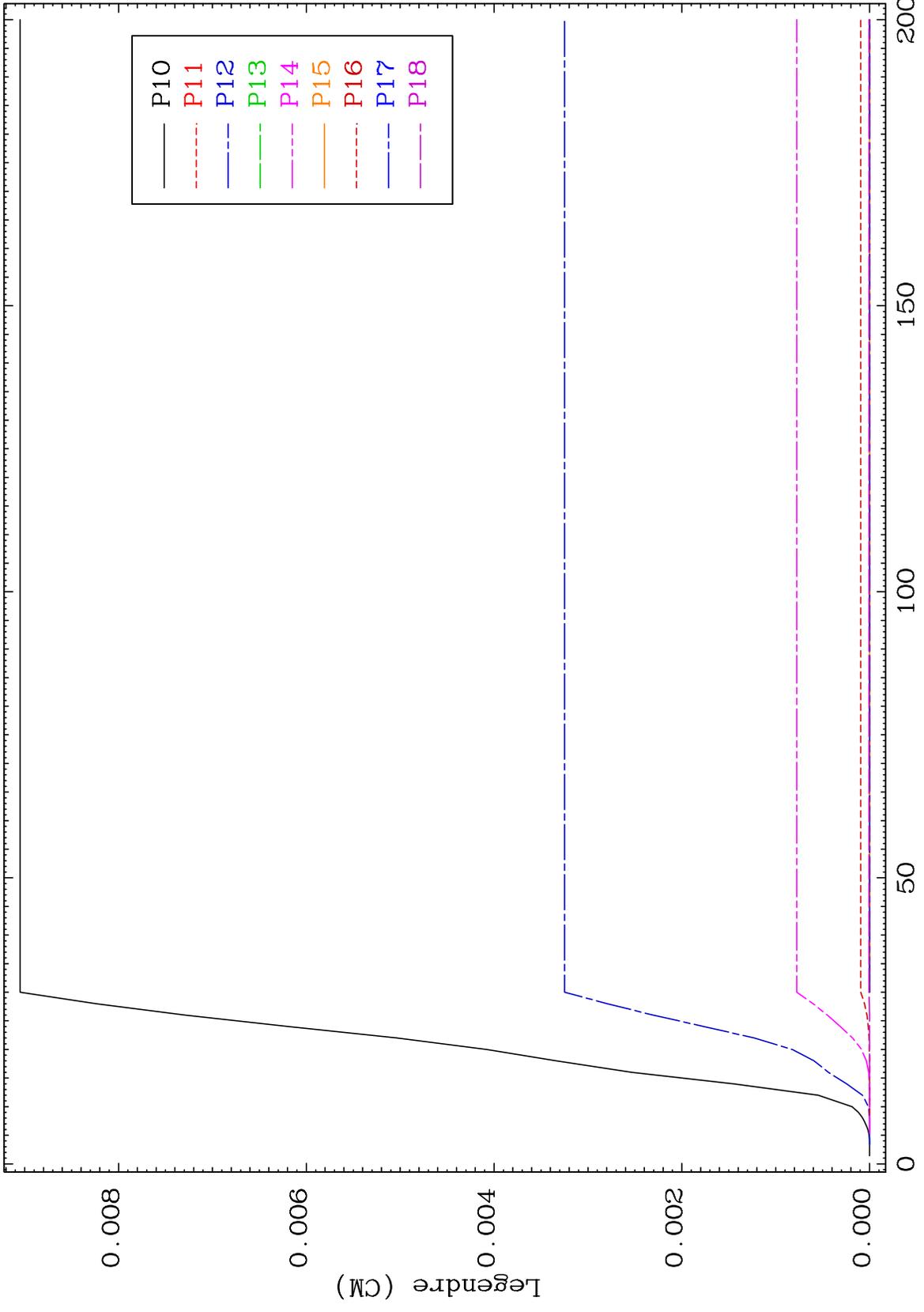


Incident Energy (MeV) 32-Ge-75

MAT 3240

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

32-Ge-75

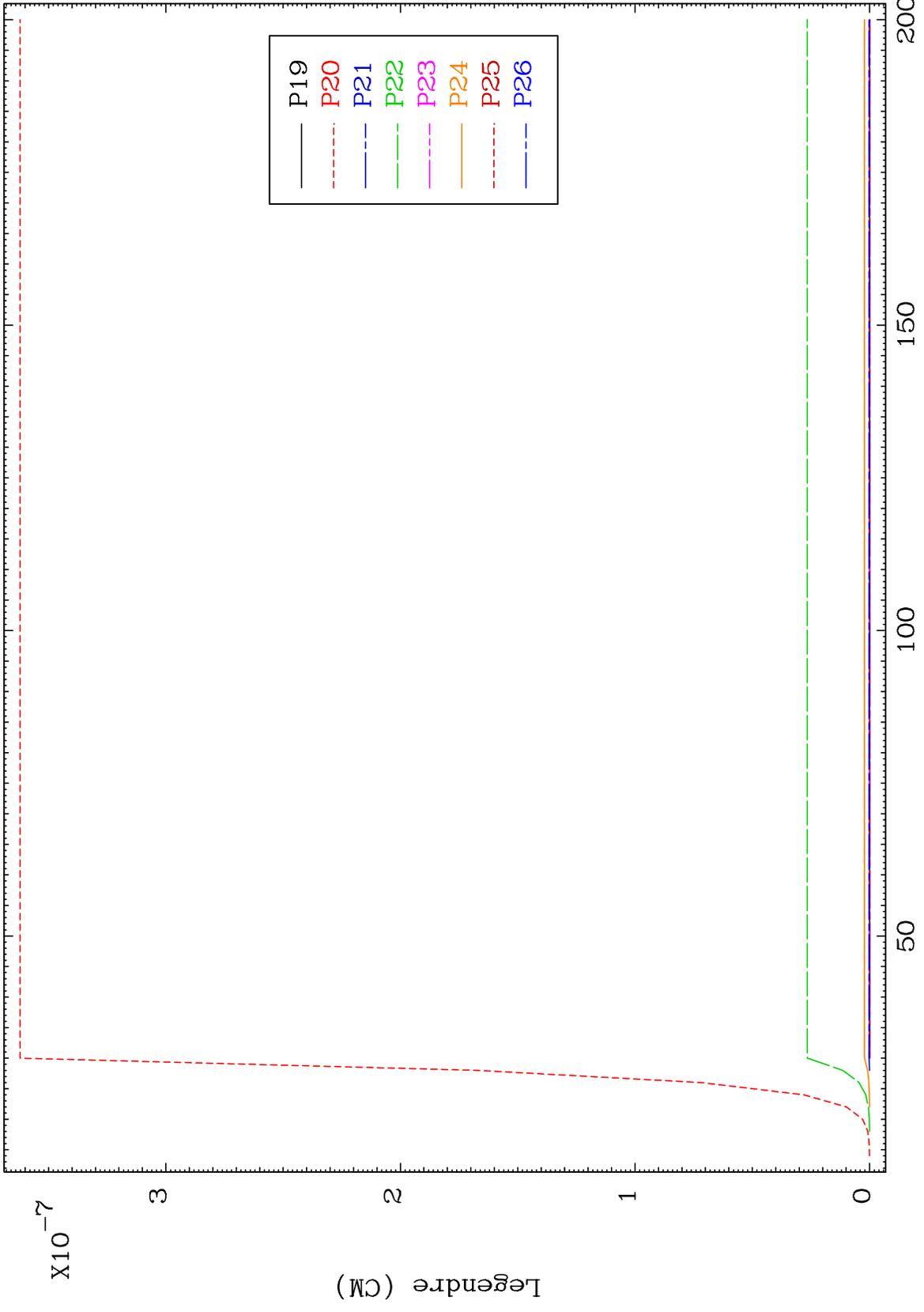


61

Incident Energy (MeV)

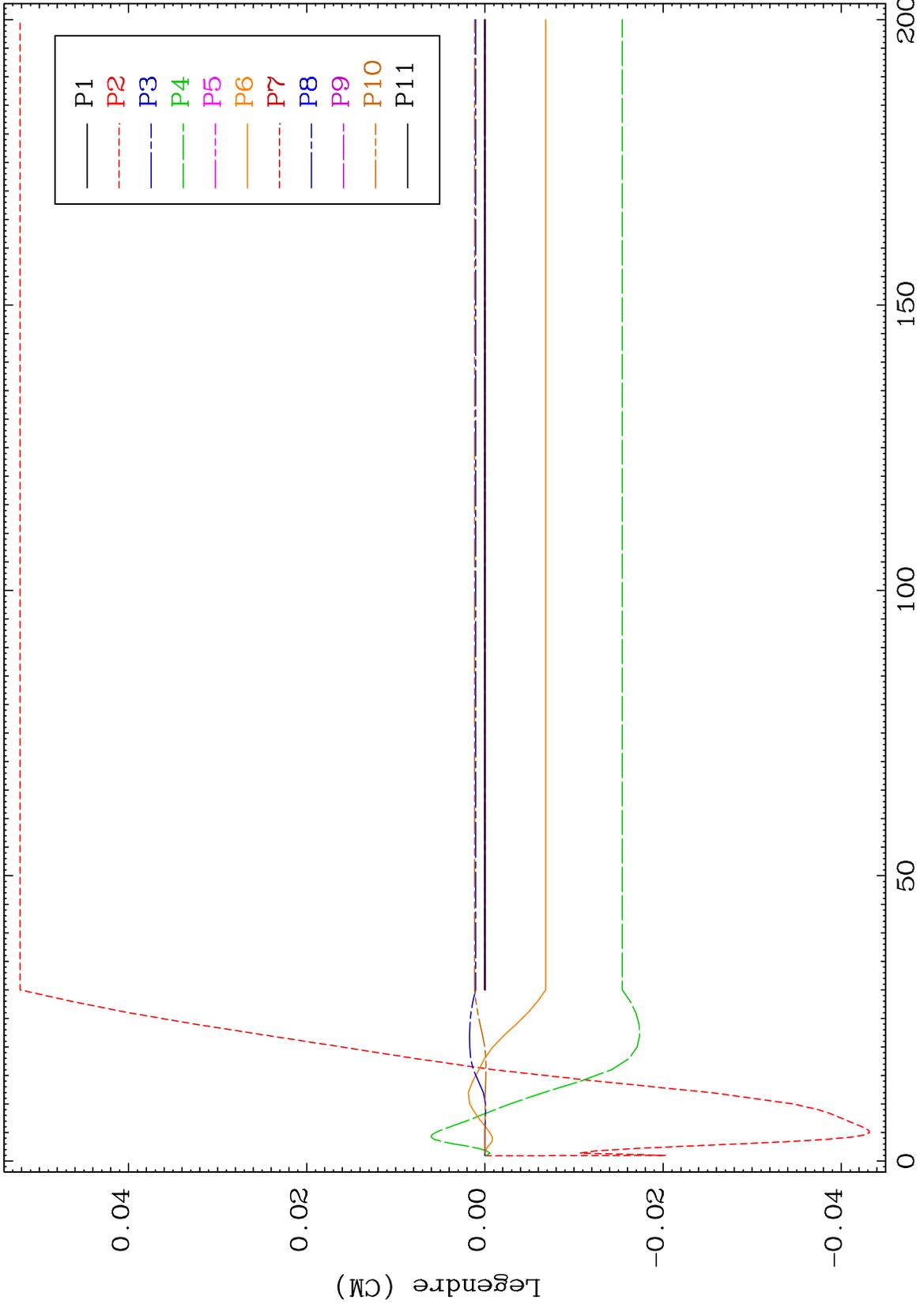
32-Ge-75

MAT 3240 MT= 65 (n,n') Level Legendre Coefficients 32-Ge-75



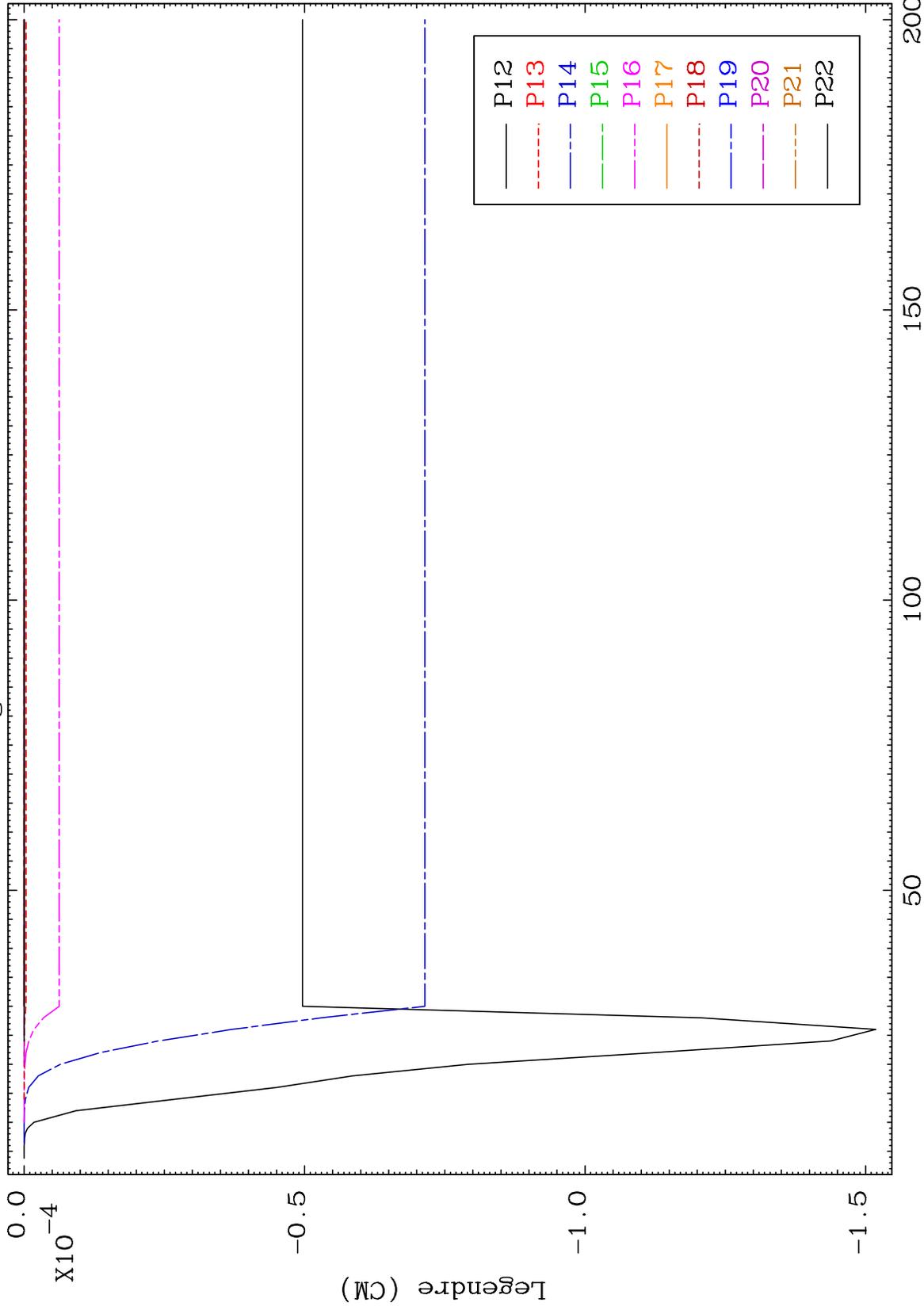
62 Incident Energy (MeV) 32-Ge-75

MAT 3240 MT= 66 (n,n') Level Legendre Coefficients 32-Ge-75



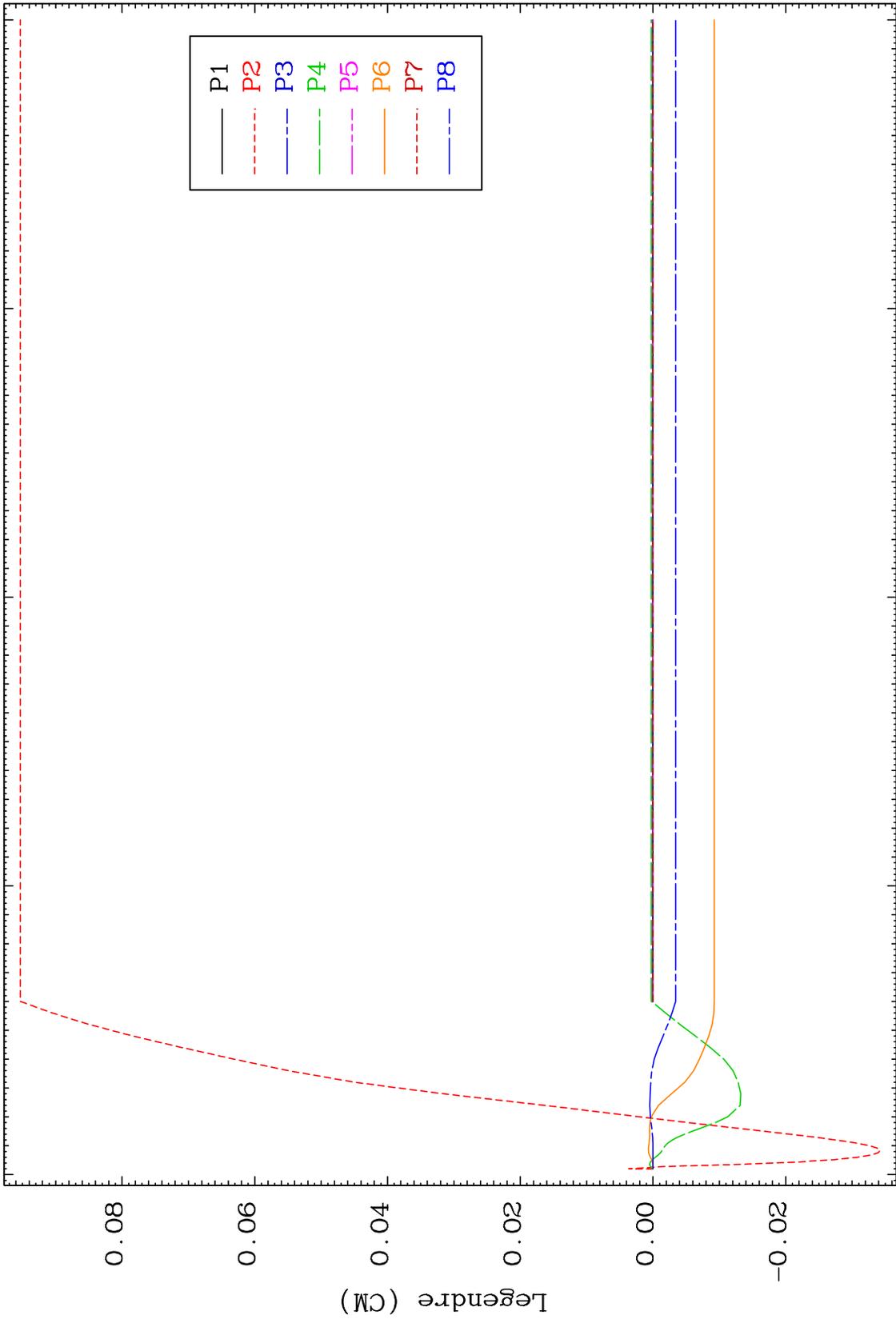
63 32-Ge-75

MAT 3240 MT= 66 (n,n') Level Legendre Coefficients 32-Ge-75



64 Incident Energy (MeV) 32-Ge-75

MAT 3240 MT= 67 (n,n') Level Legendre Coefficients 32-Ge-75

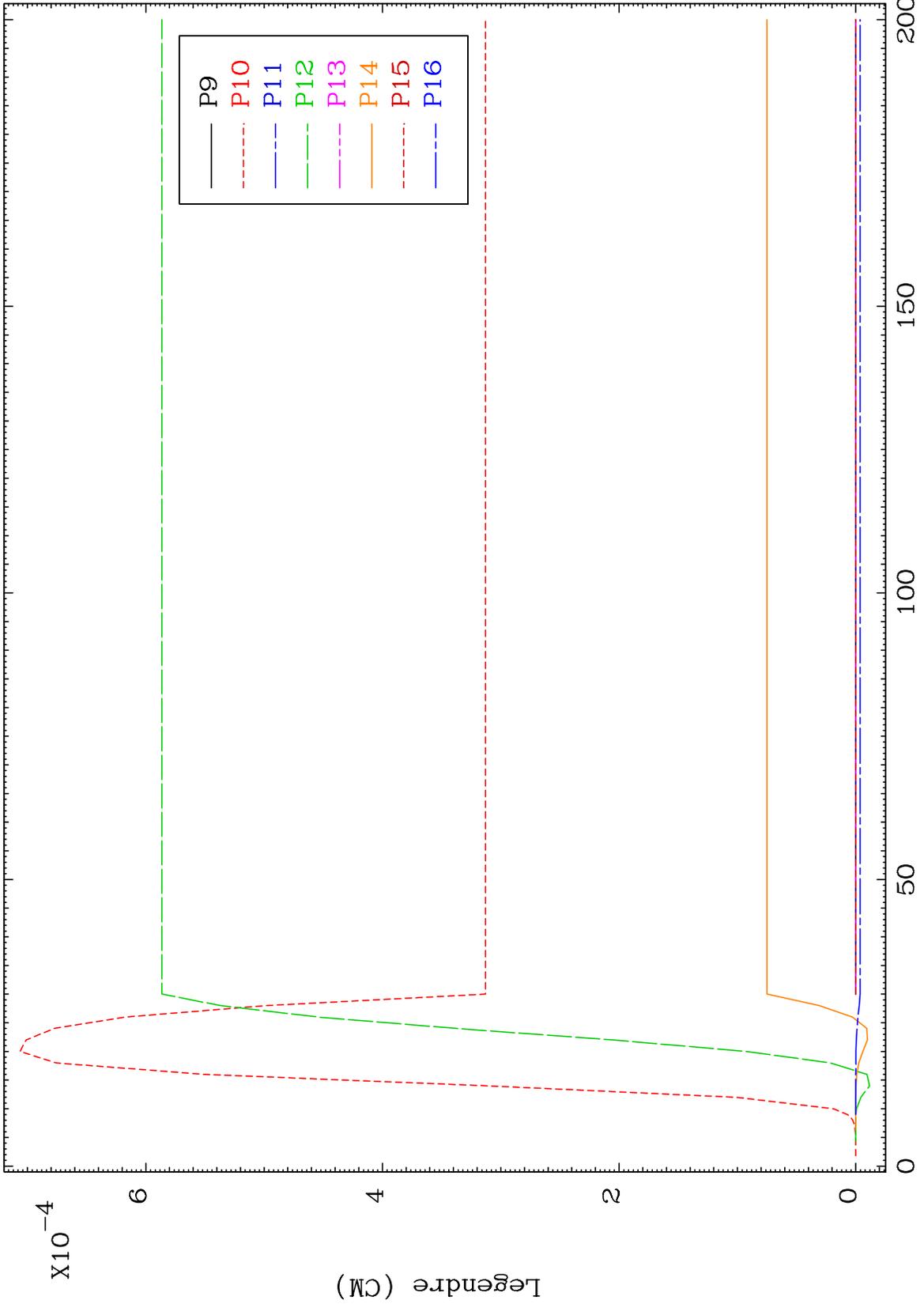


65 Incident Energy (MeV) 32-Ge-75

MAT 3240

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

32-Ge-75



66

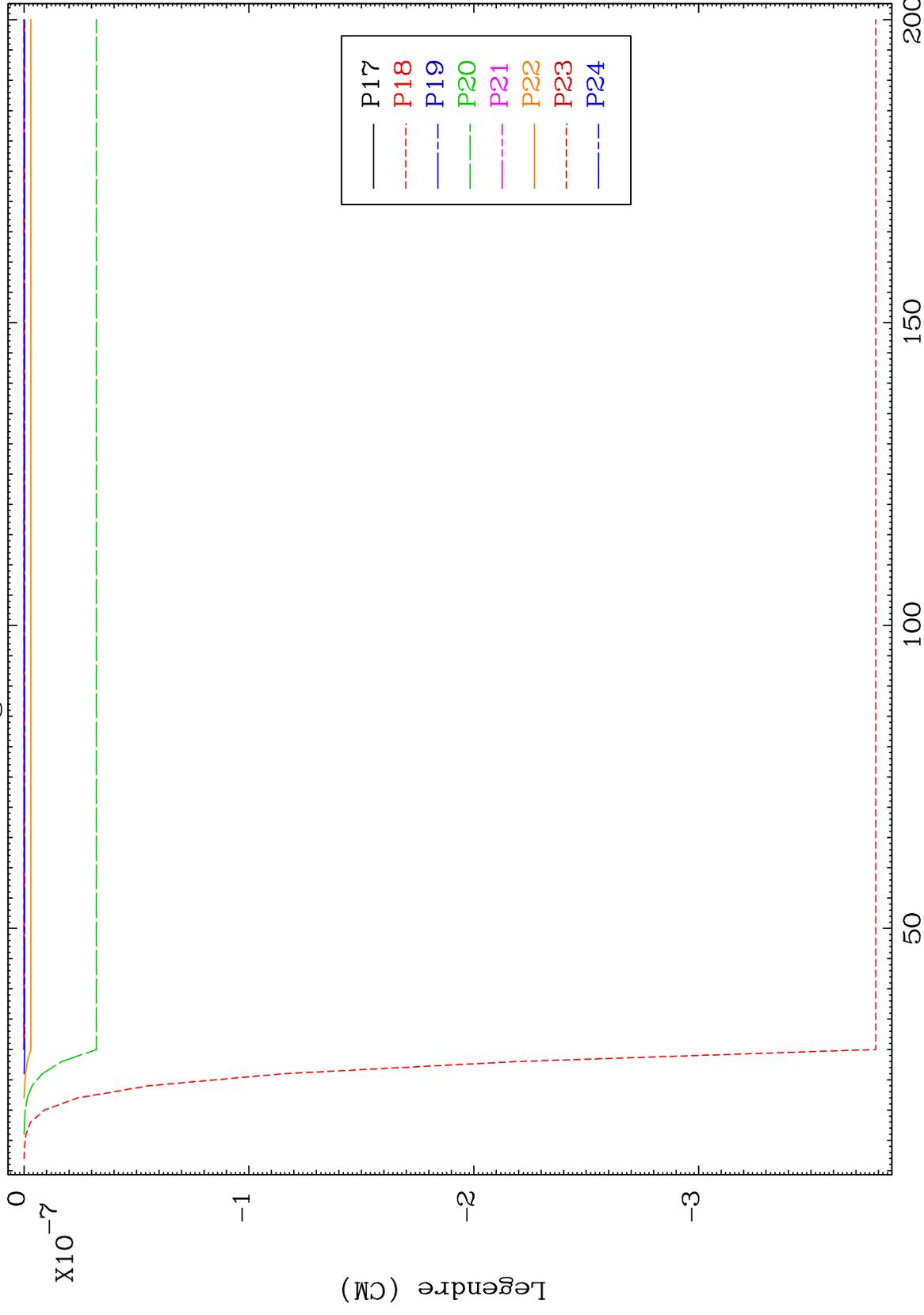
Incident Energy (MeV)

32-Ge-75

MAT 3240

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

32-Ge-75

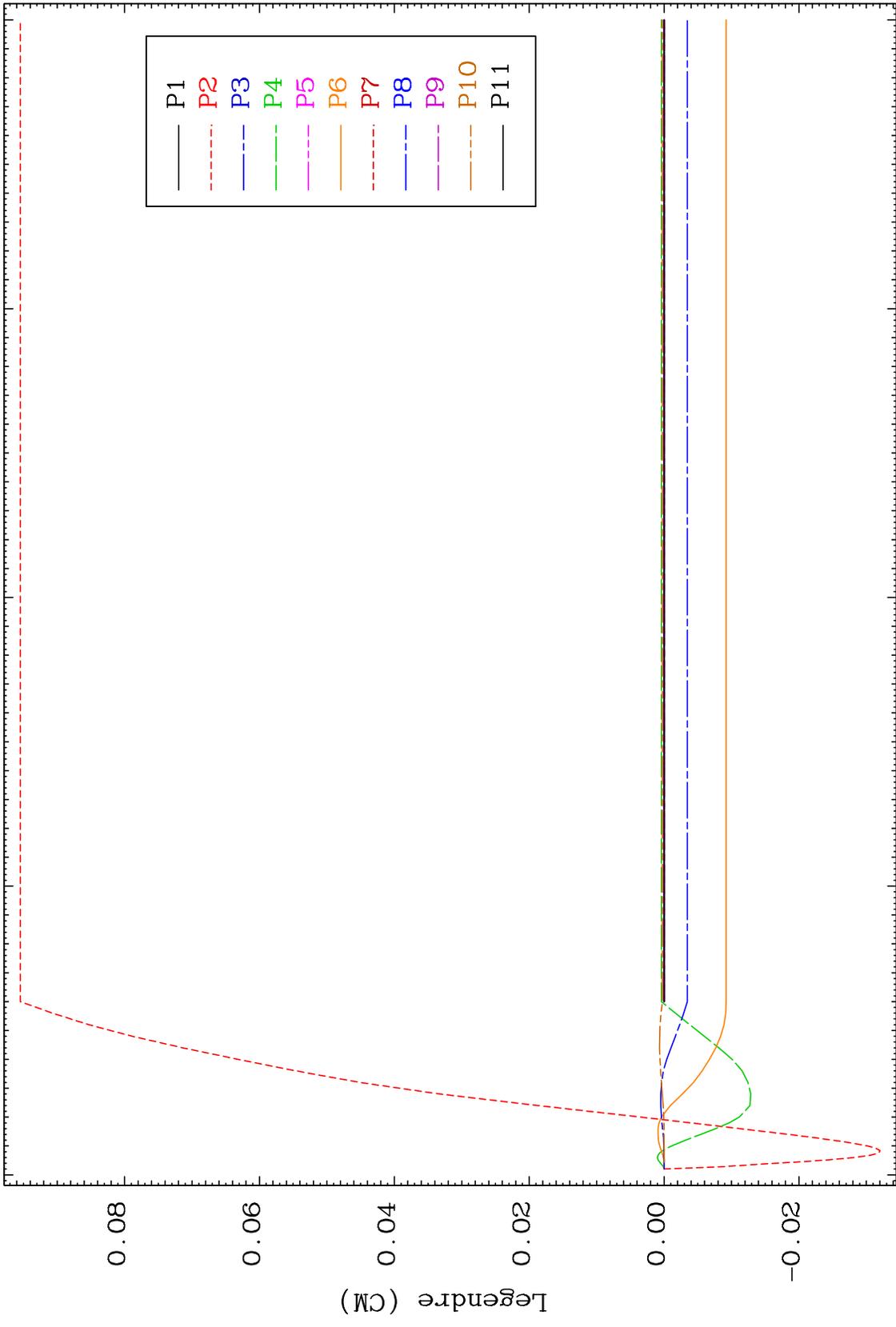


32-Ge-75

Incident Energy (MeV)

67

MAT 3240 MT= 68 (n,n') Level Legendre Coefficients 32-Ge-75

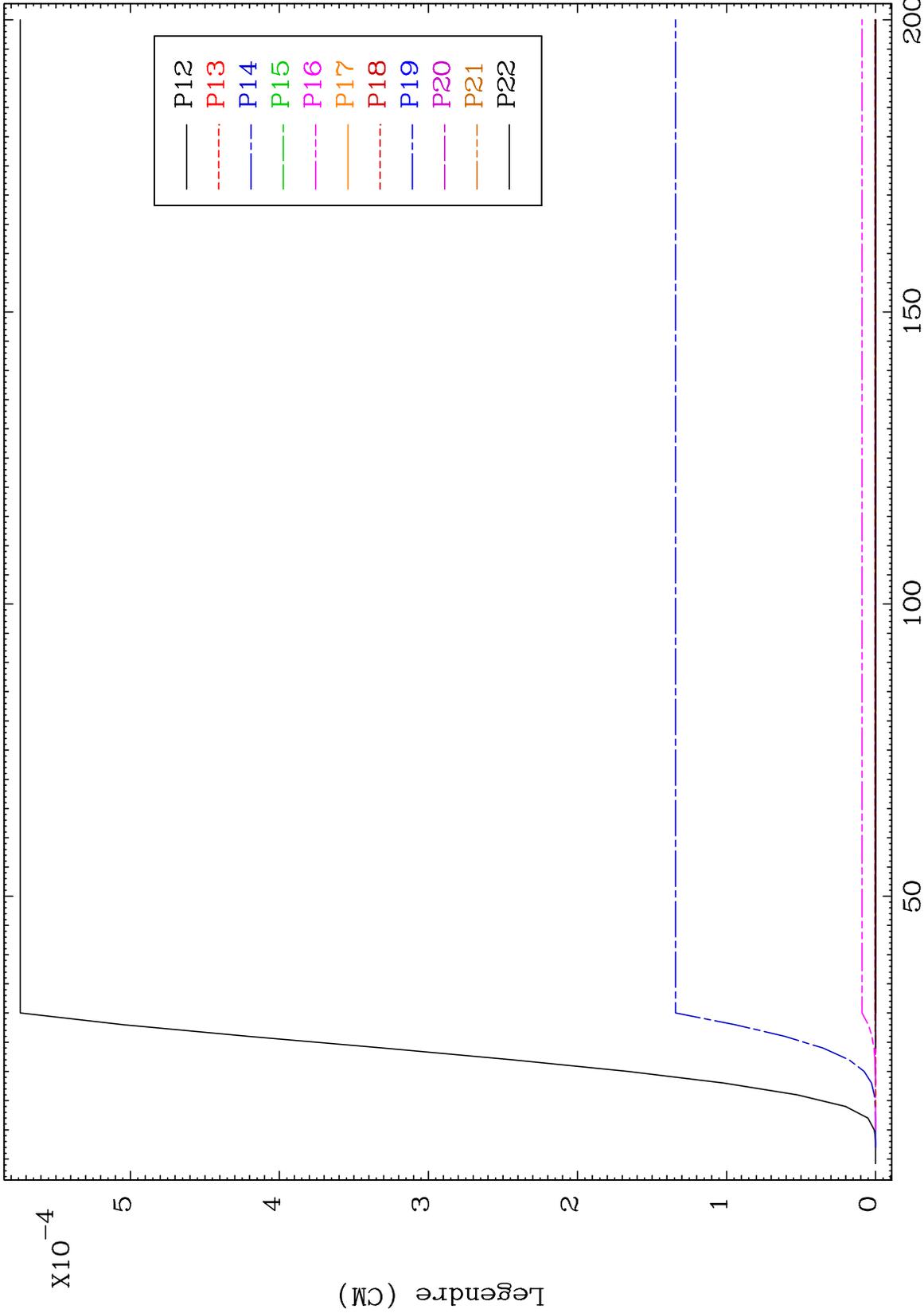


68 32-Ge-75

MAT 3240

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

32-Ge-75

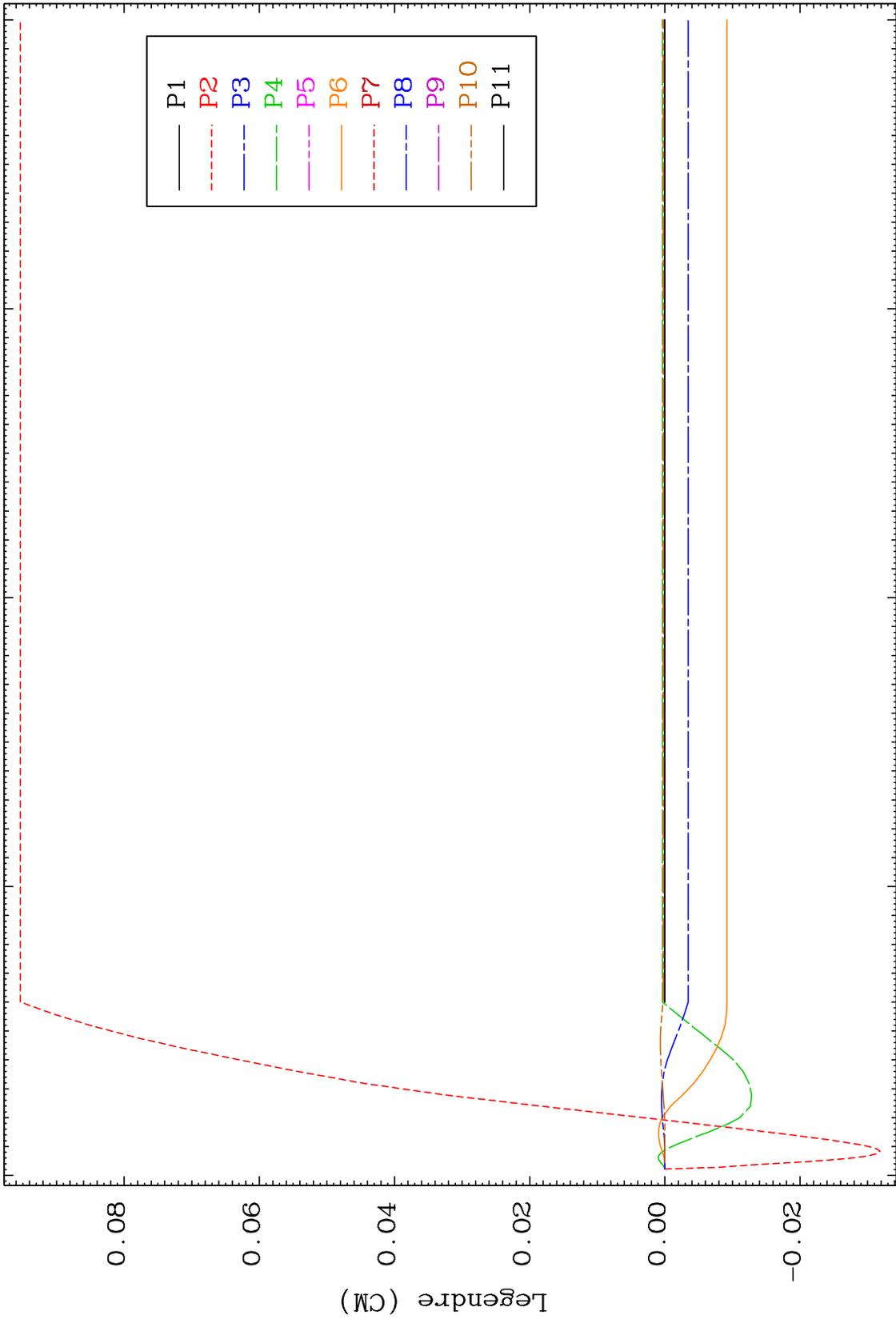


69

Incident Energy (MeV)

32-Ge-75

MAT 3240 MT= 70 (n,n') Level Legendre Coefficients 32-Ge-75

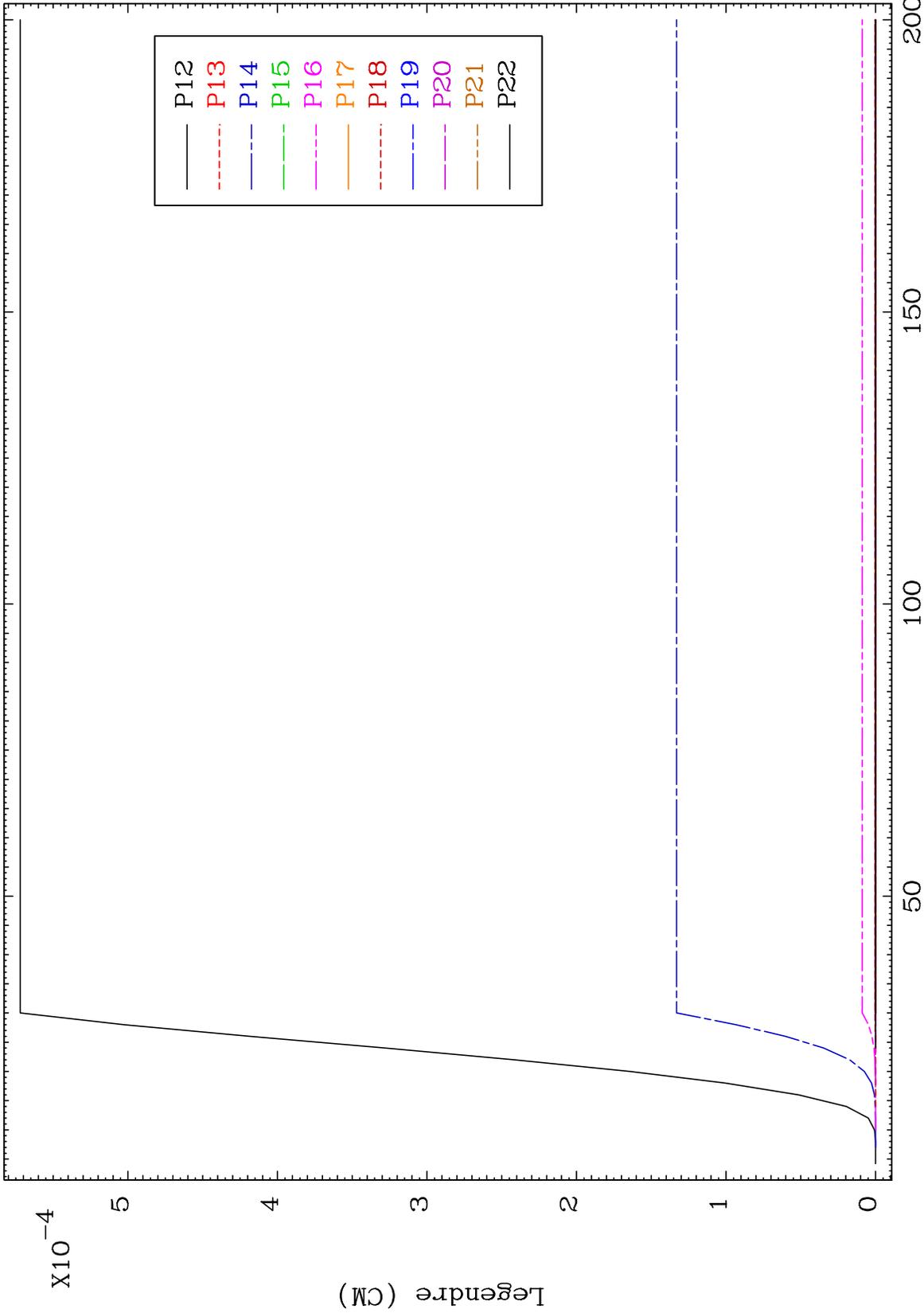


32-Ge-75

MAT 3240

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

32-Ge-75

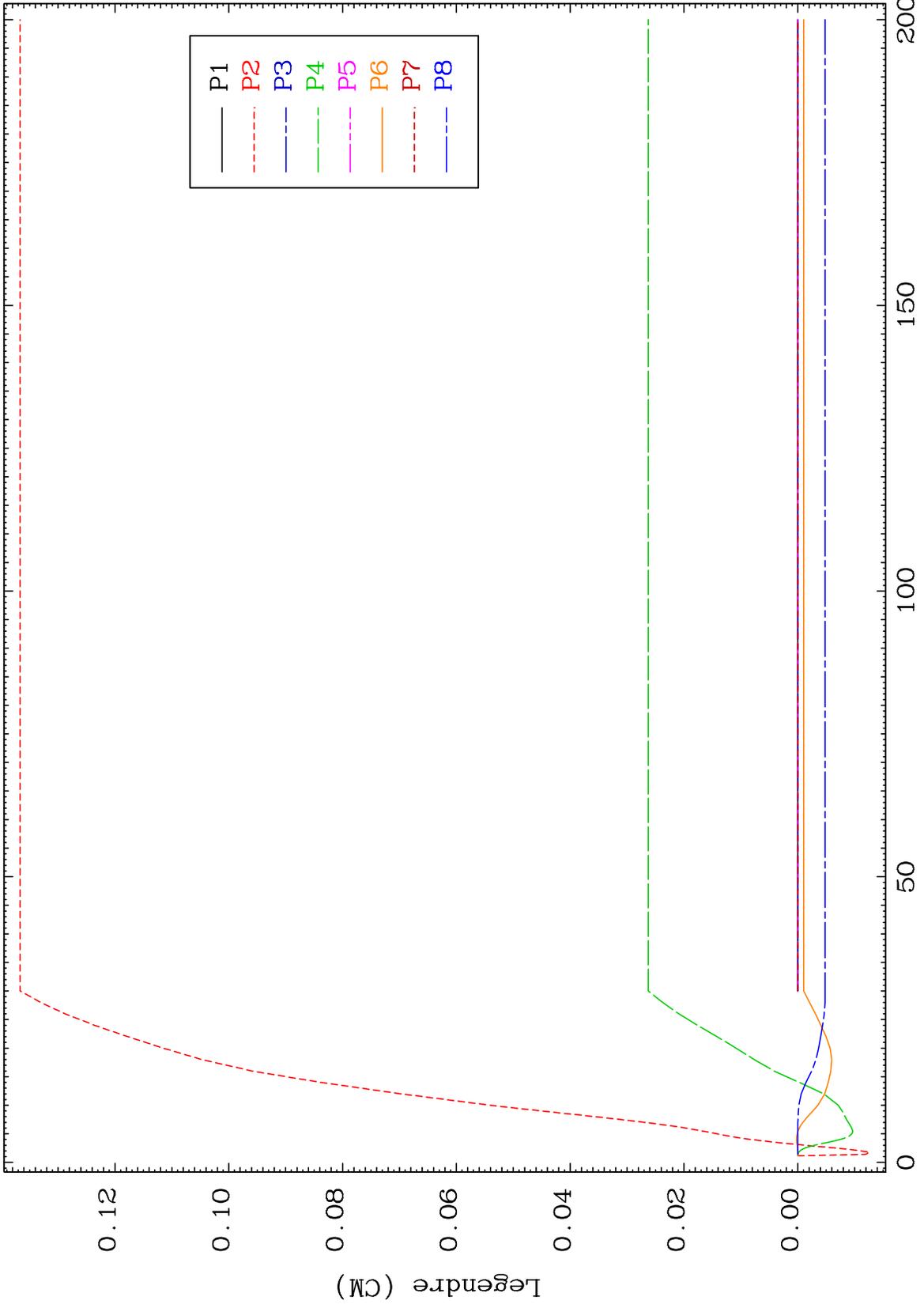


71

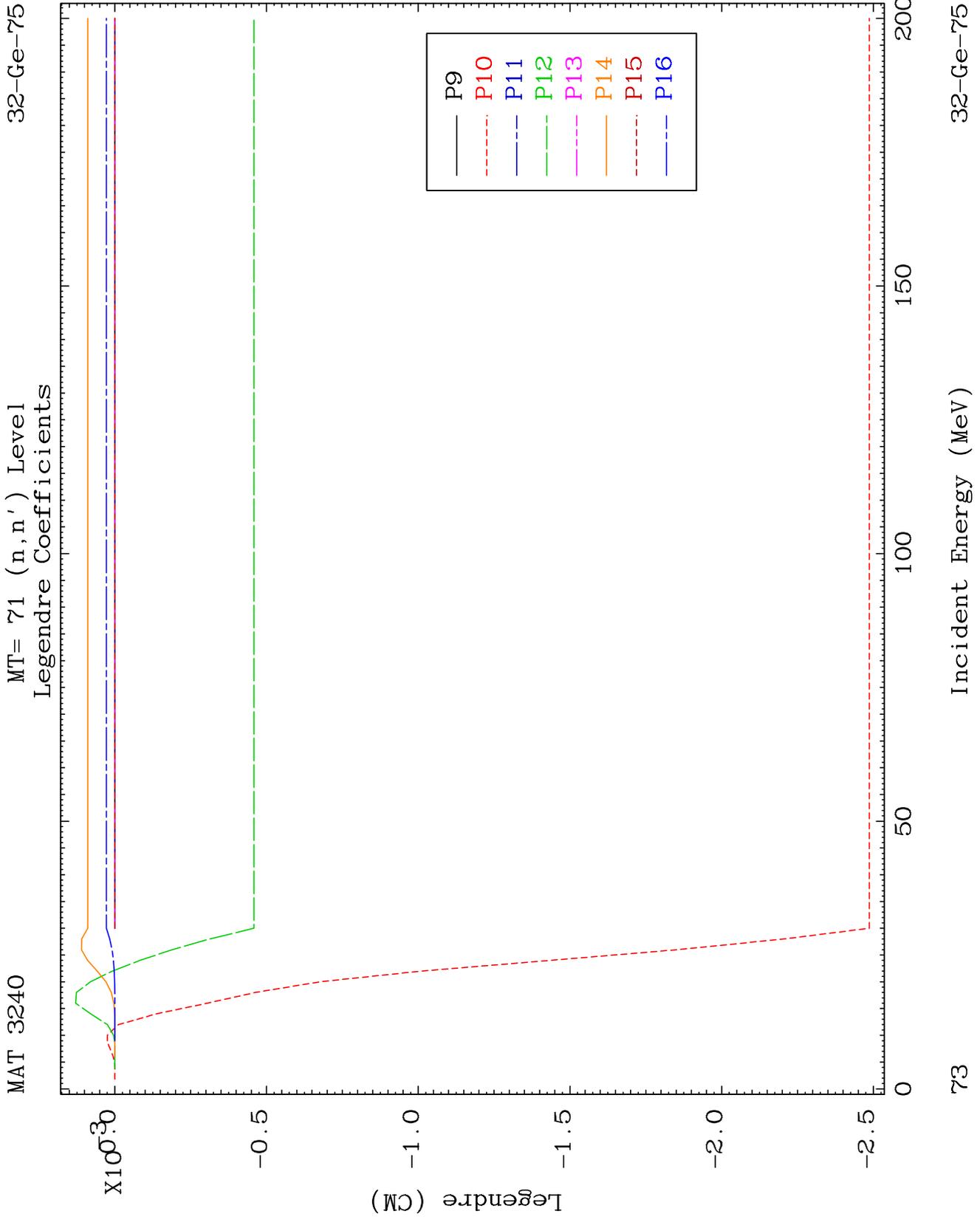
Incident Energy (MeV)

32-Ge-75

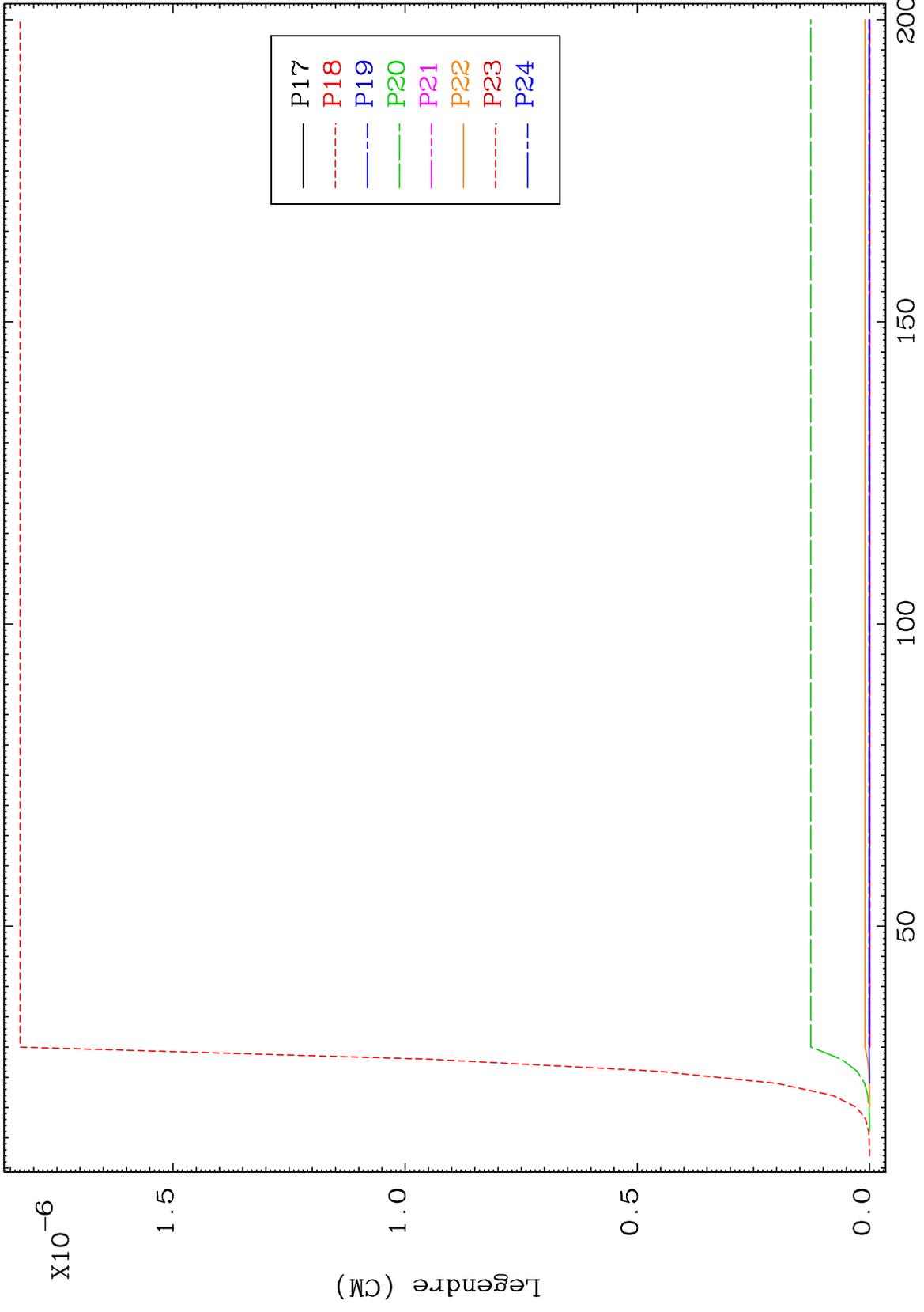
MAT 3240 MT= 71 (n,n') Level Legendre Coefficients 32-Ge-75



72 32-Ge-75

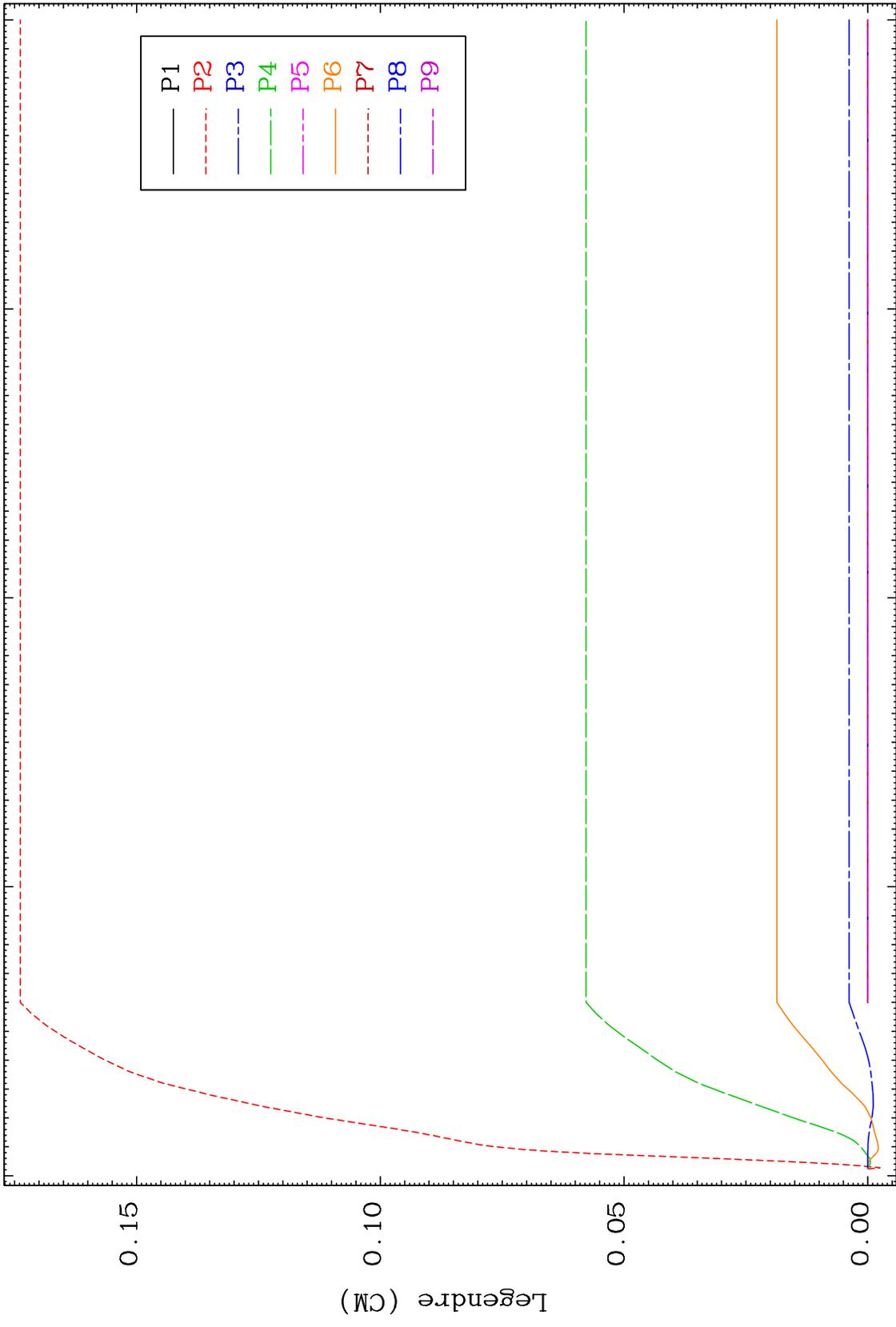


MAT 3240 MT= 71 (n,n') Level Legendre Coefficients 32-Ge-75



74 50 100 150 200 32-Ge-75

MAT 3240 MT= 72 (n,n') Level Legendre Coefficients 32-Ge-75

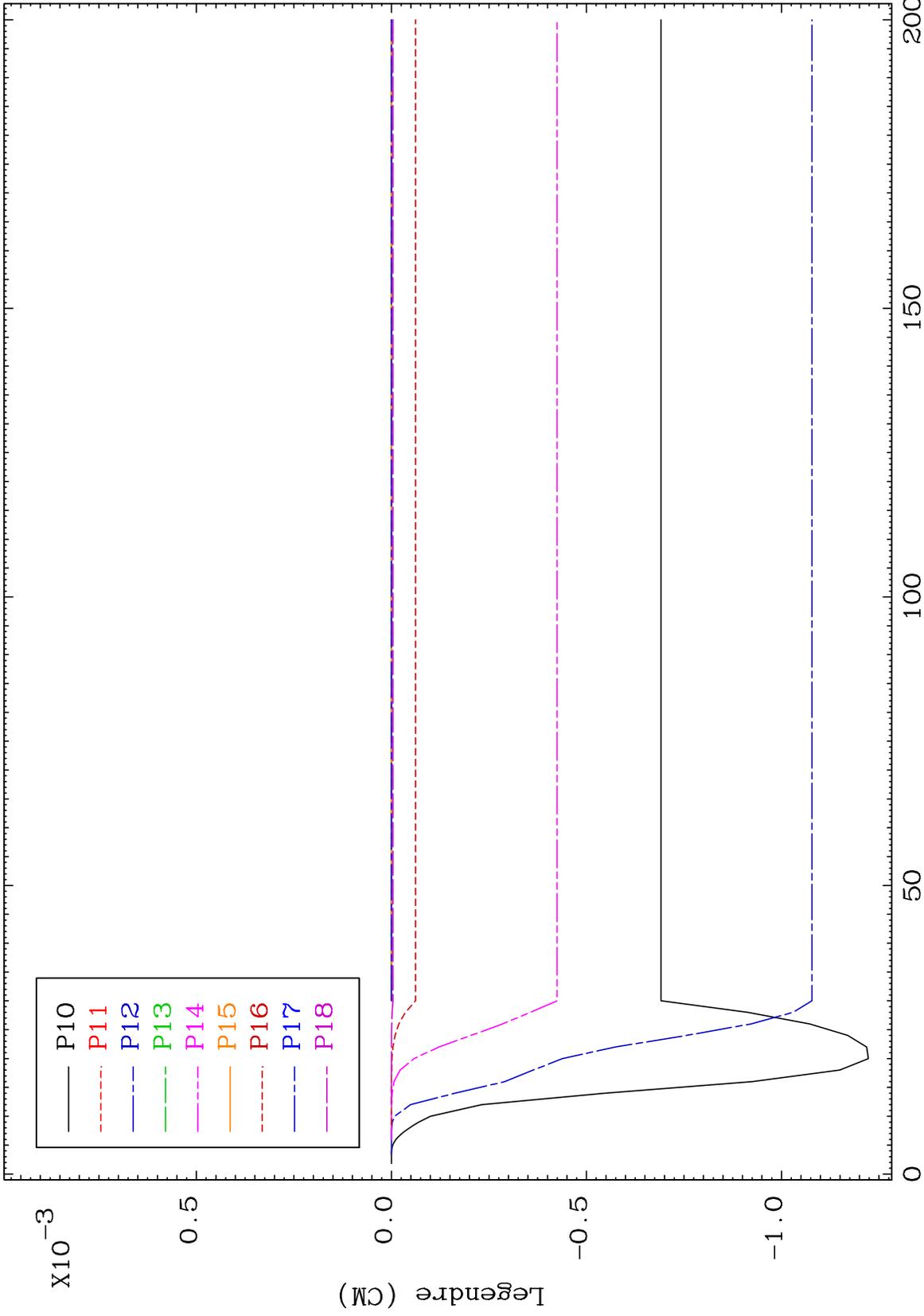


32-Ge-75

MAT 3240

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

32-Ge-75

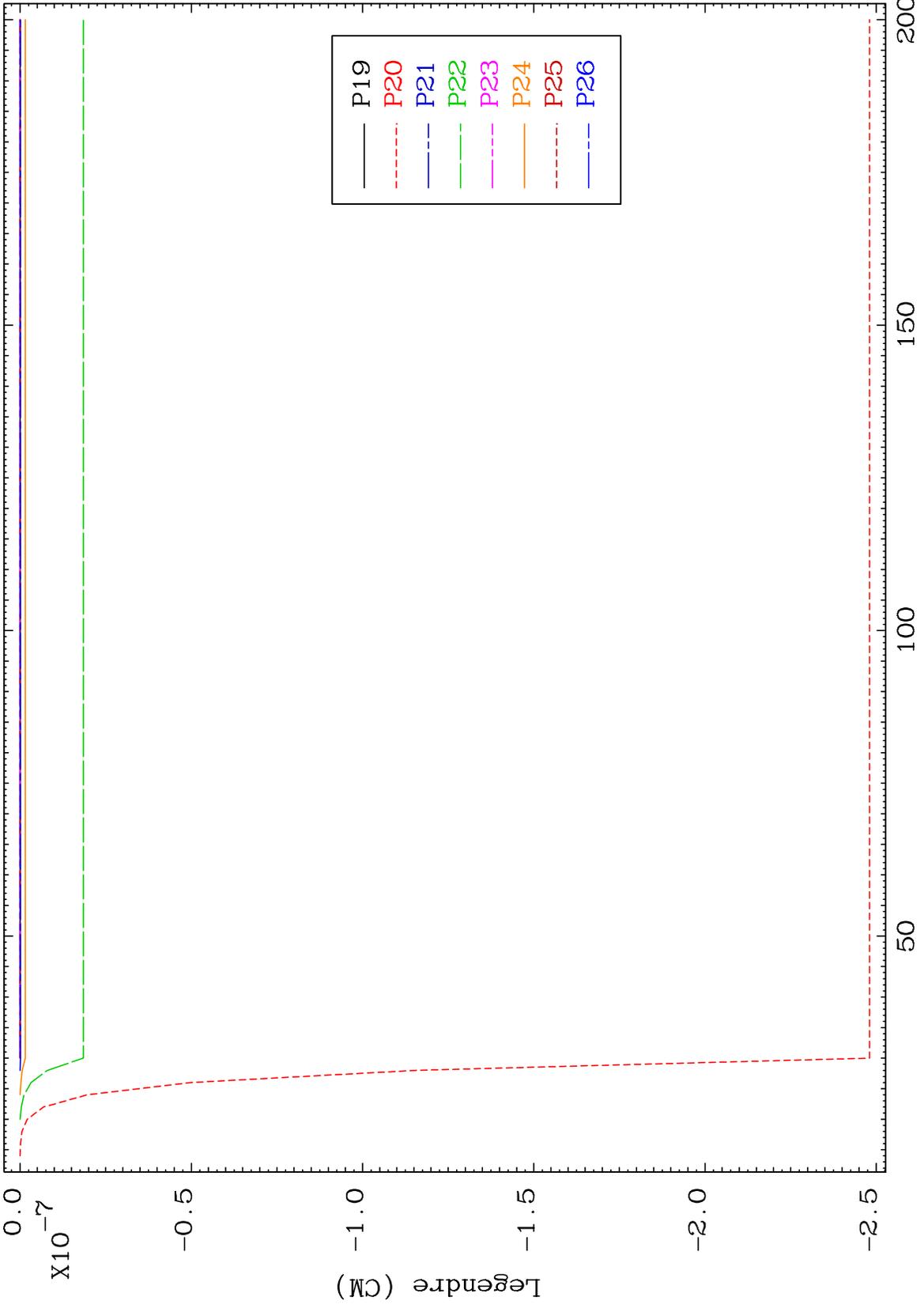


76

Incident Energy (MeV)

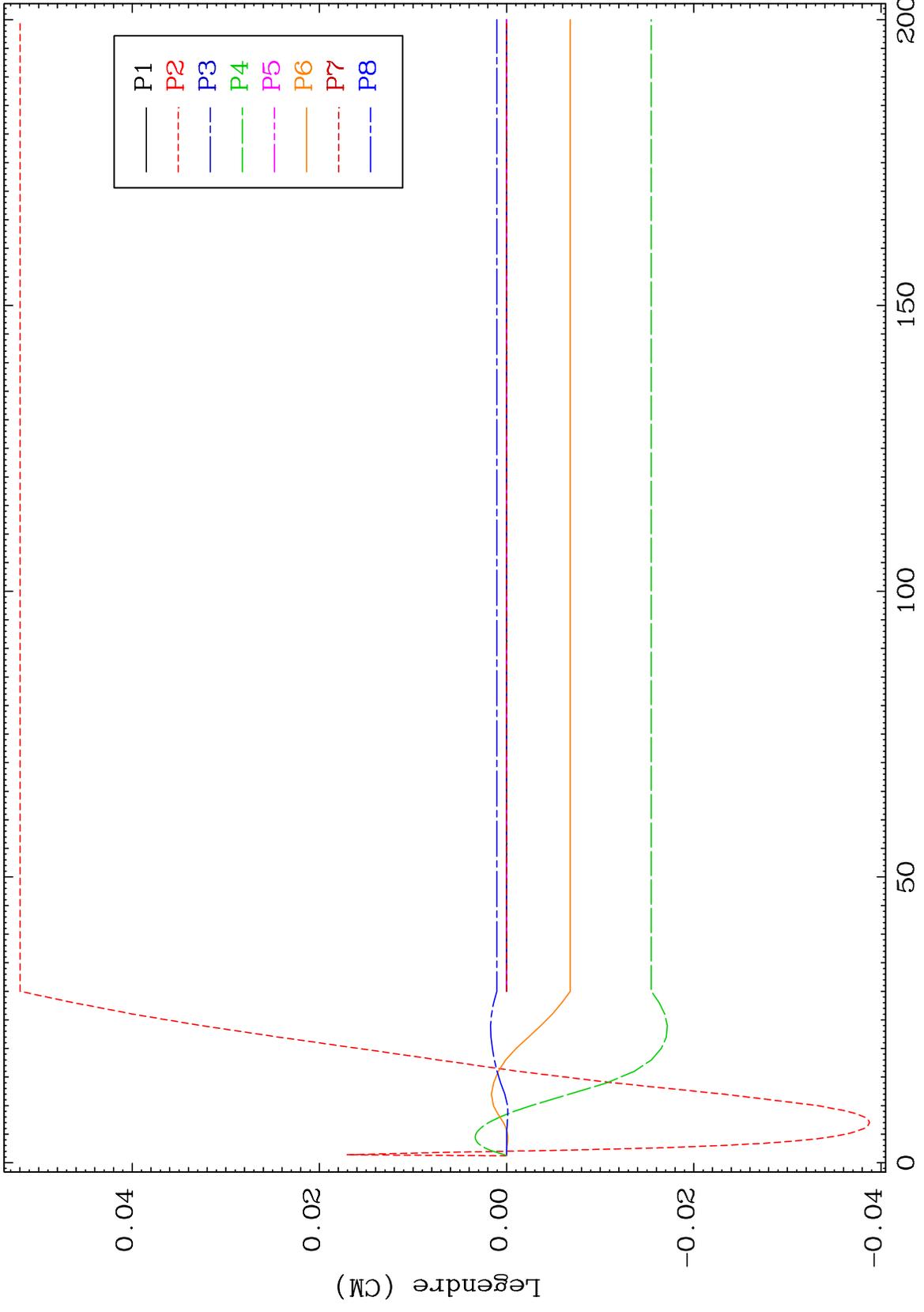
32-Ge-75

MAT 3240 MT= 72 (n,n') Level Legendre Coefficients 32-Ge-75



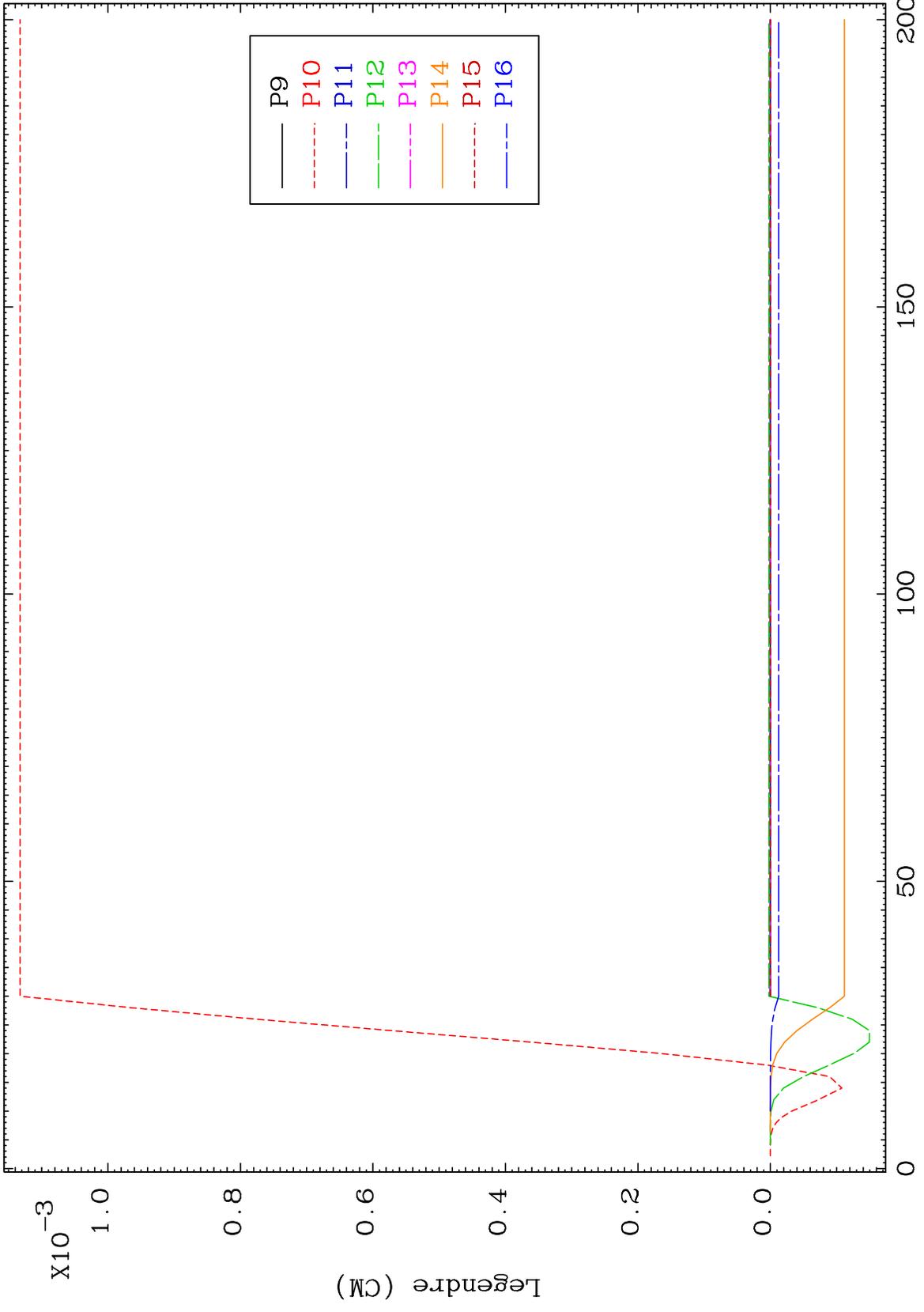
77 32-Ge-75

MAT 3240 MT= 73 (n,n') Level Legendre Coefficients 32-Ge-75



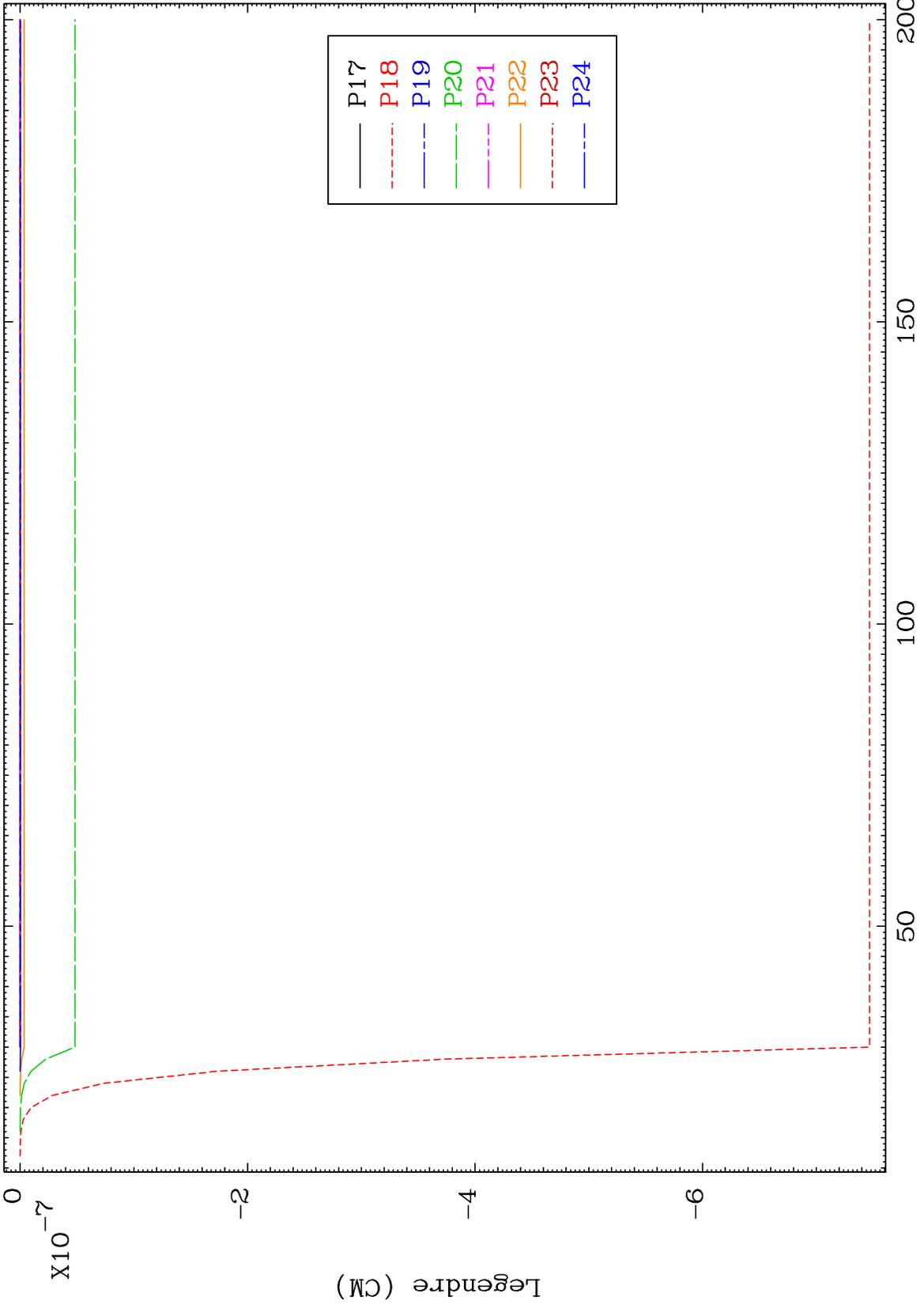
78 Incident Energy (MeV) 32-Ge-75

MAT 3240 MT= 73 (n,n') Level Legendre Coefficients 32-Ge-75



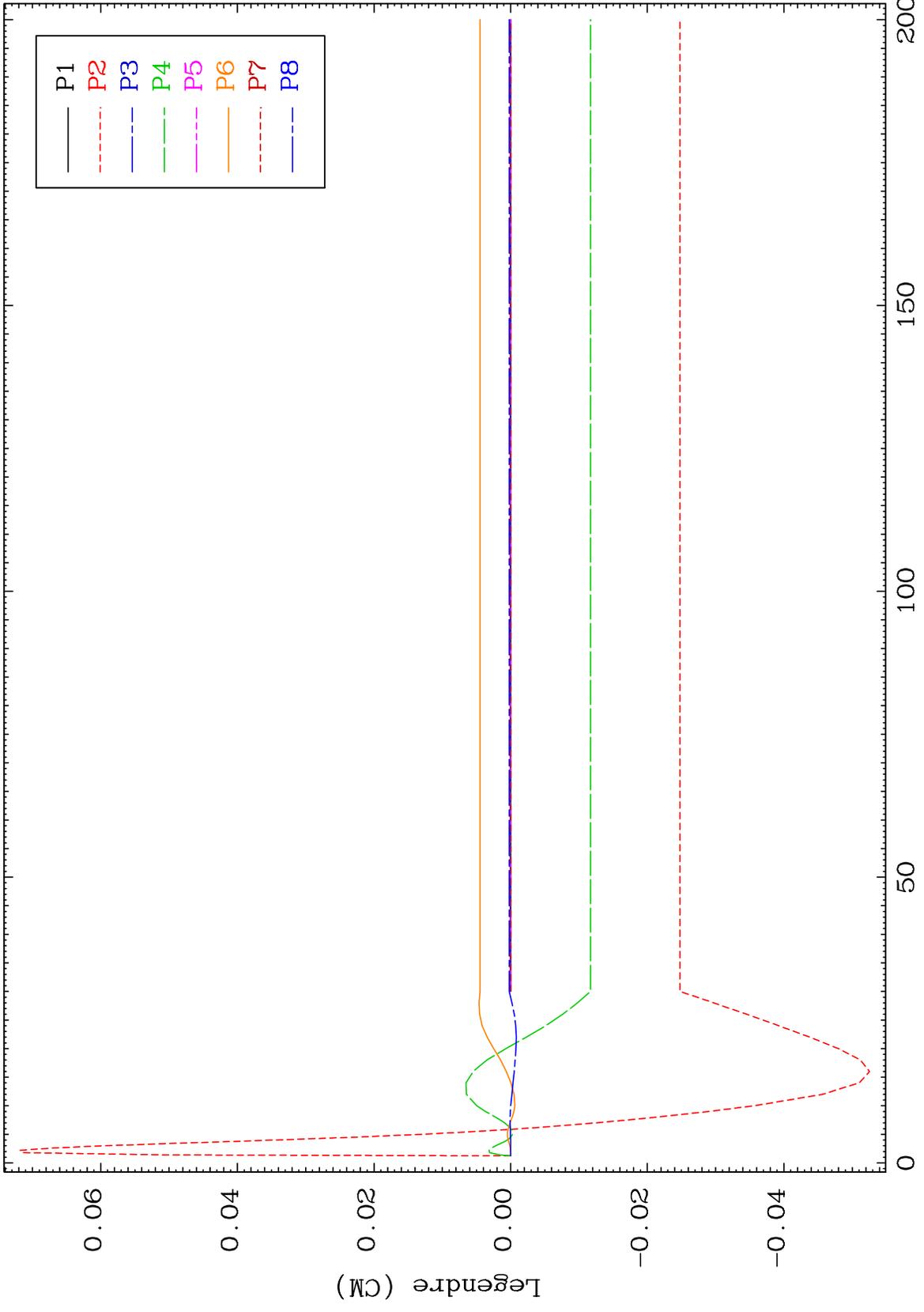
79 32-Ge-75

MAT 3240 MT= 73 (n,n') Level Legendre Coefficients 32-Ge-75



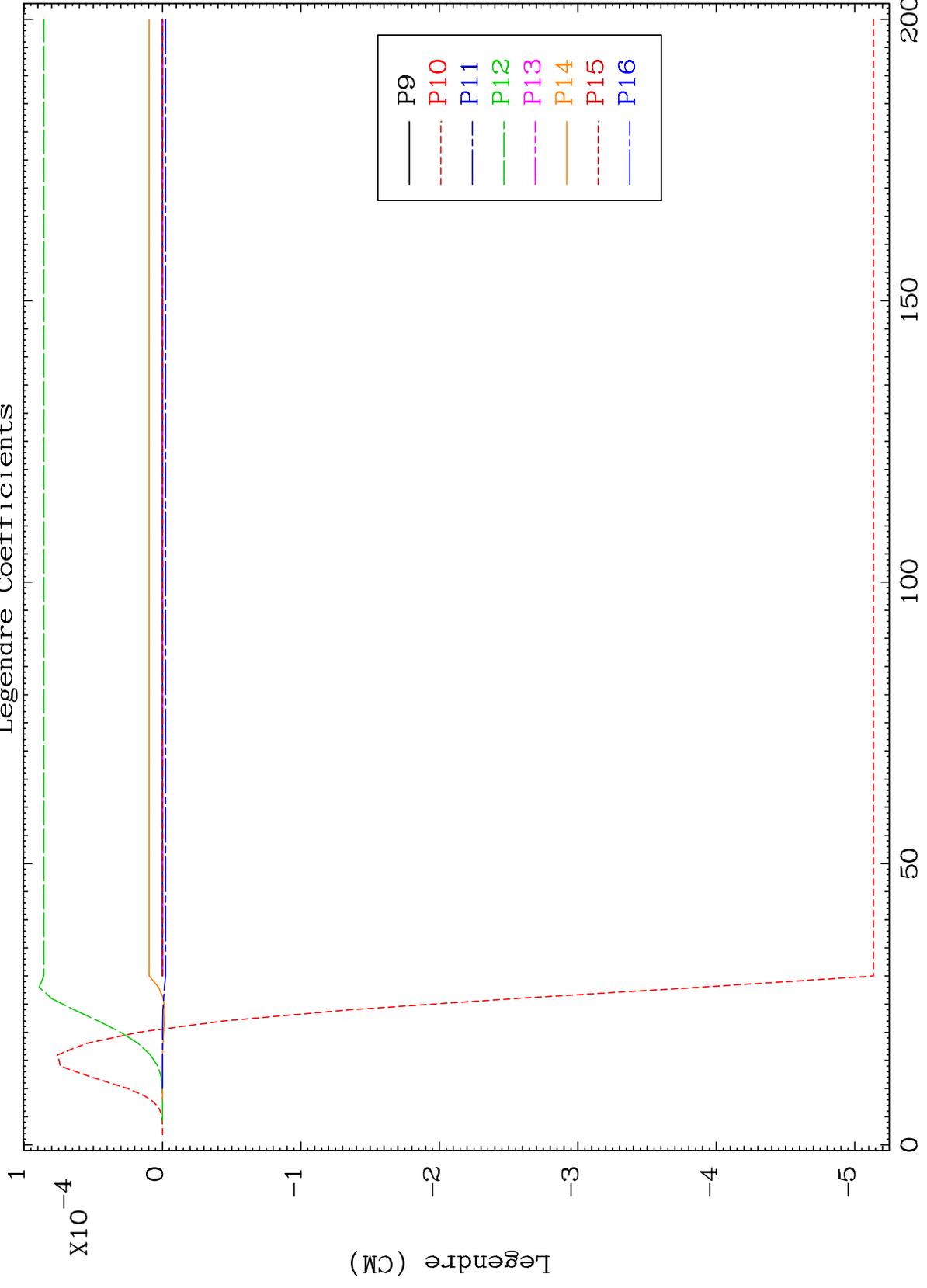
80 Incident Energy (MeV) 200 32-Ge-75

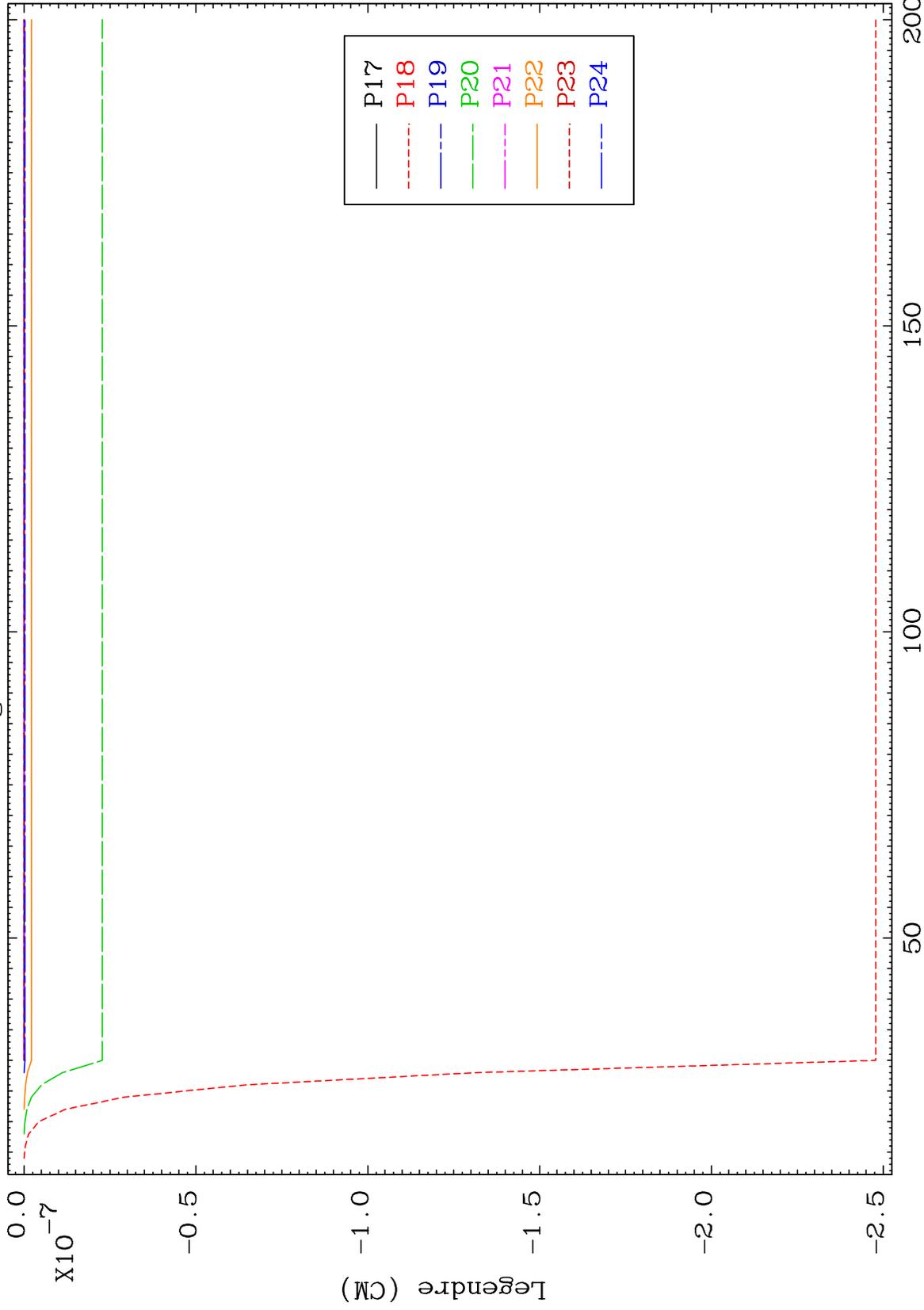
MAT 3240 MT= 74 (n,n') Level Legendre Coefficients 32-Ge-75



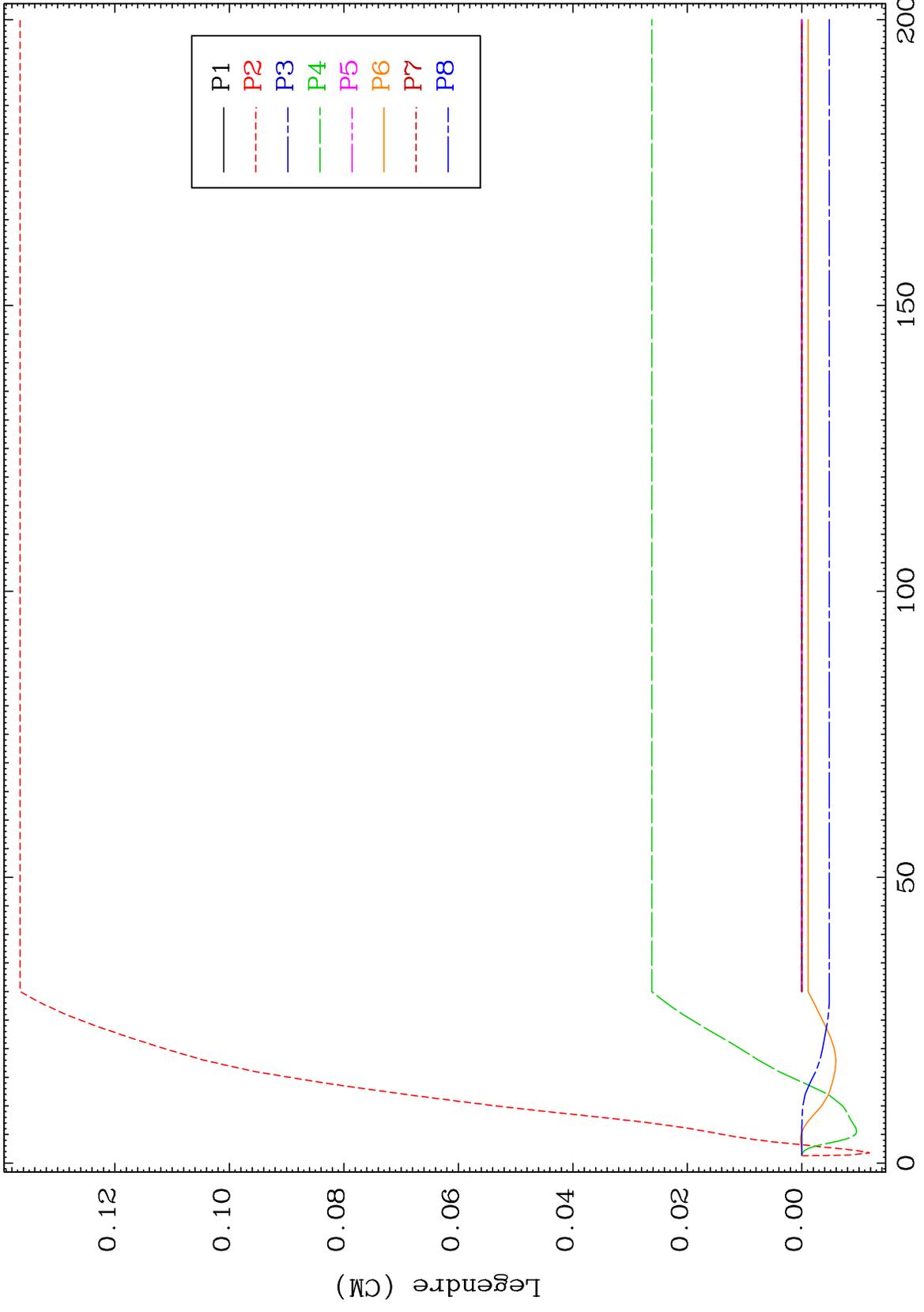
81 32-Ge-75

MAT 3240 MT= 74 (n,n') Level Legendre Coefficients 32-Ge-75



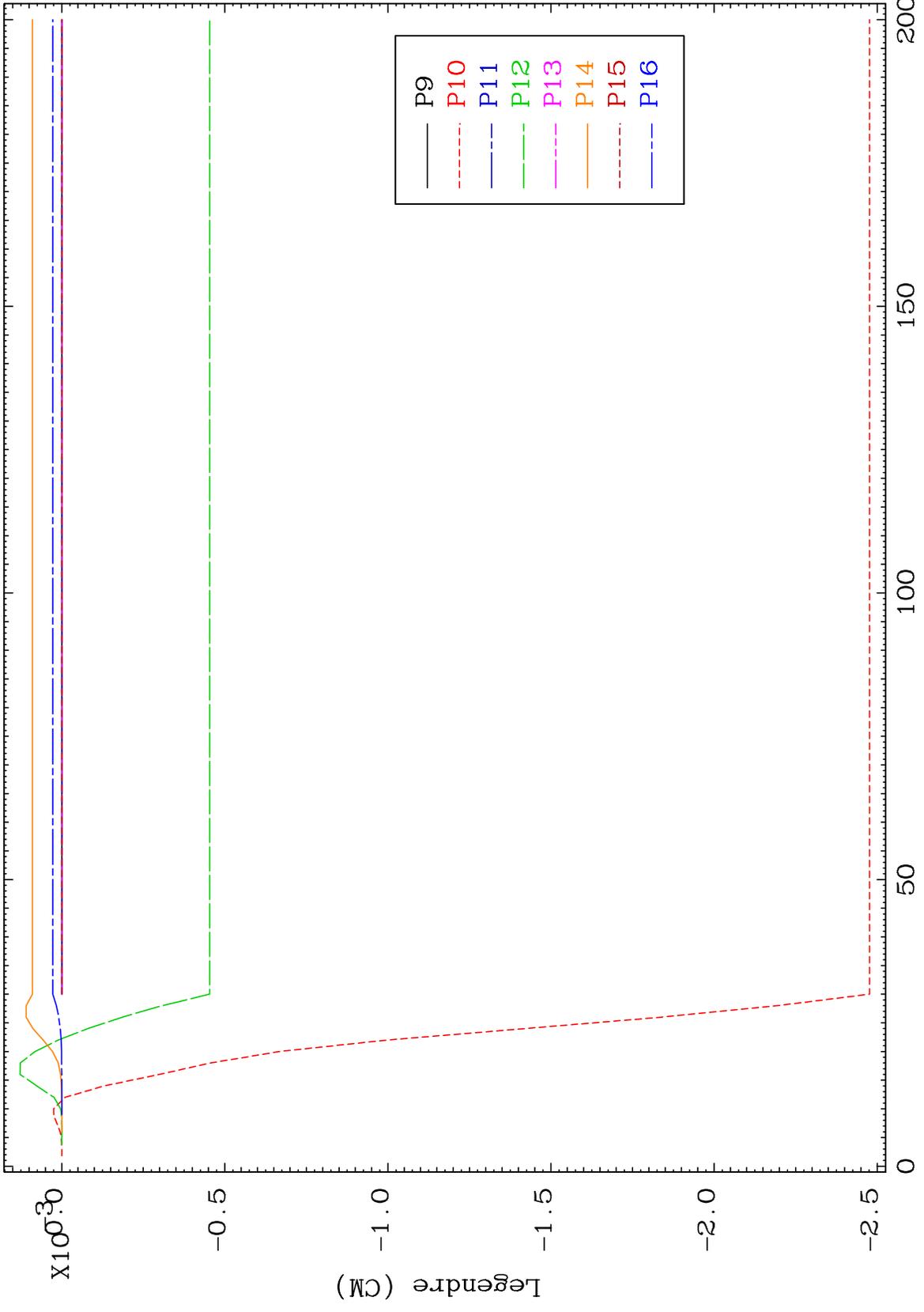


MAT 3240 MT= 75 (n,n') Level Legendre Coefficients 32-Ge-75



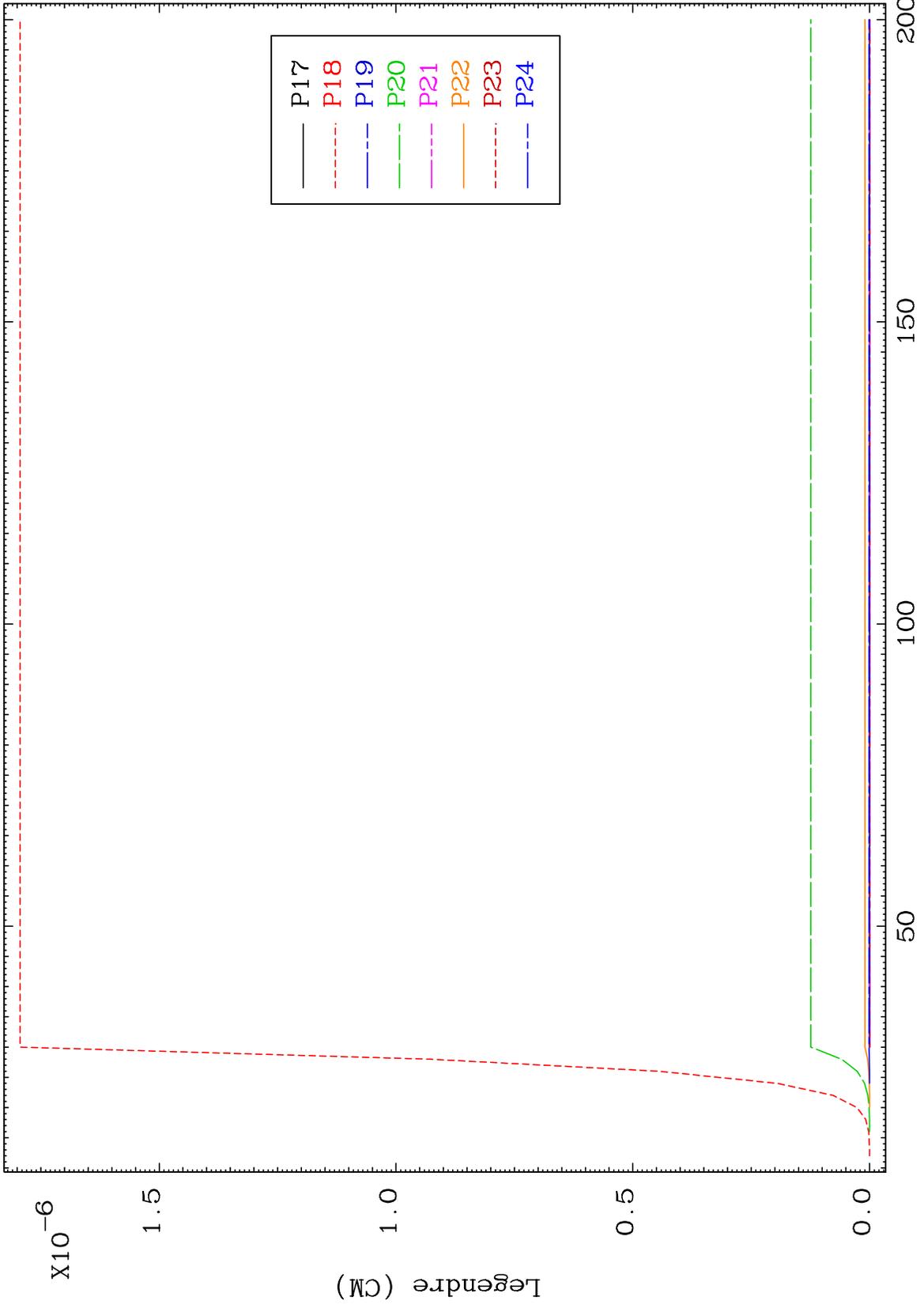
84 32-Ge-75

MAT 3240 MT= 75 (n,n') Level Legendre Coefficients 32-Ge-75



85 Incident Energy (MeV) 32-Ge-75

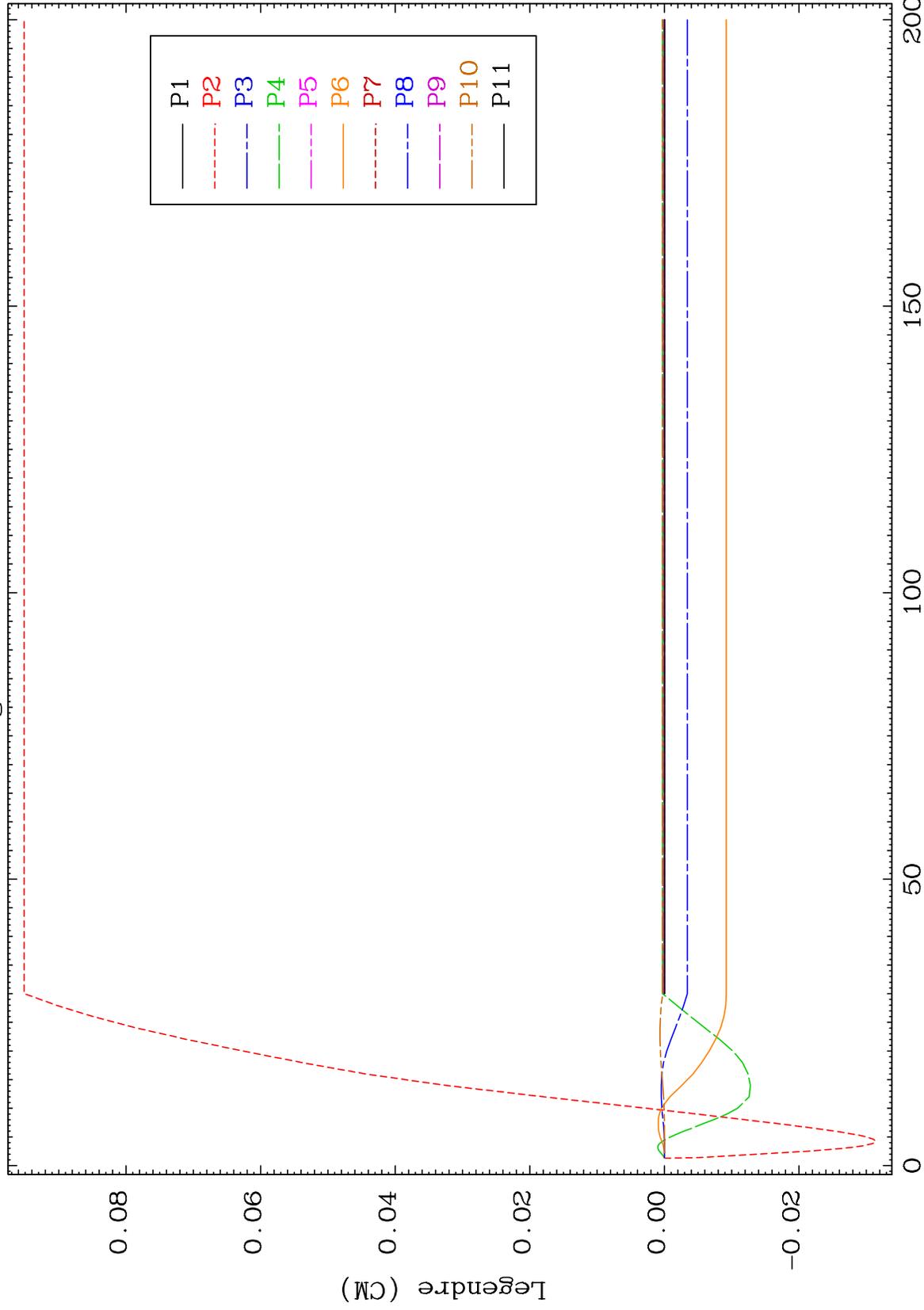
MAT 3240 MT= 75 (n,n') Level Legendre Coefficients 32-Ge-75



MAT 3240

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

32-Ge-75



87

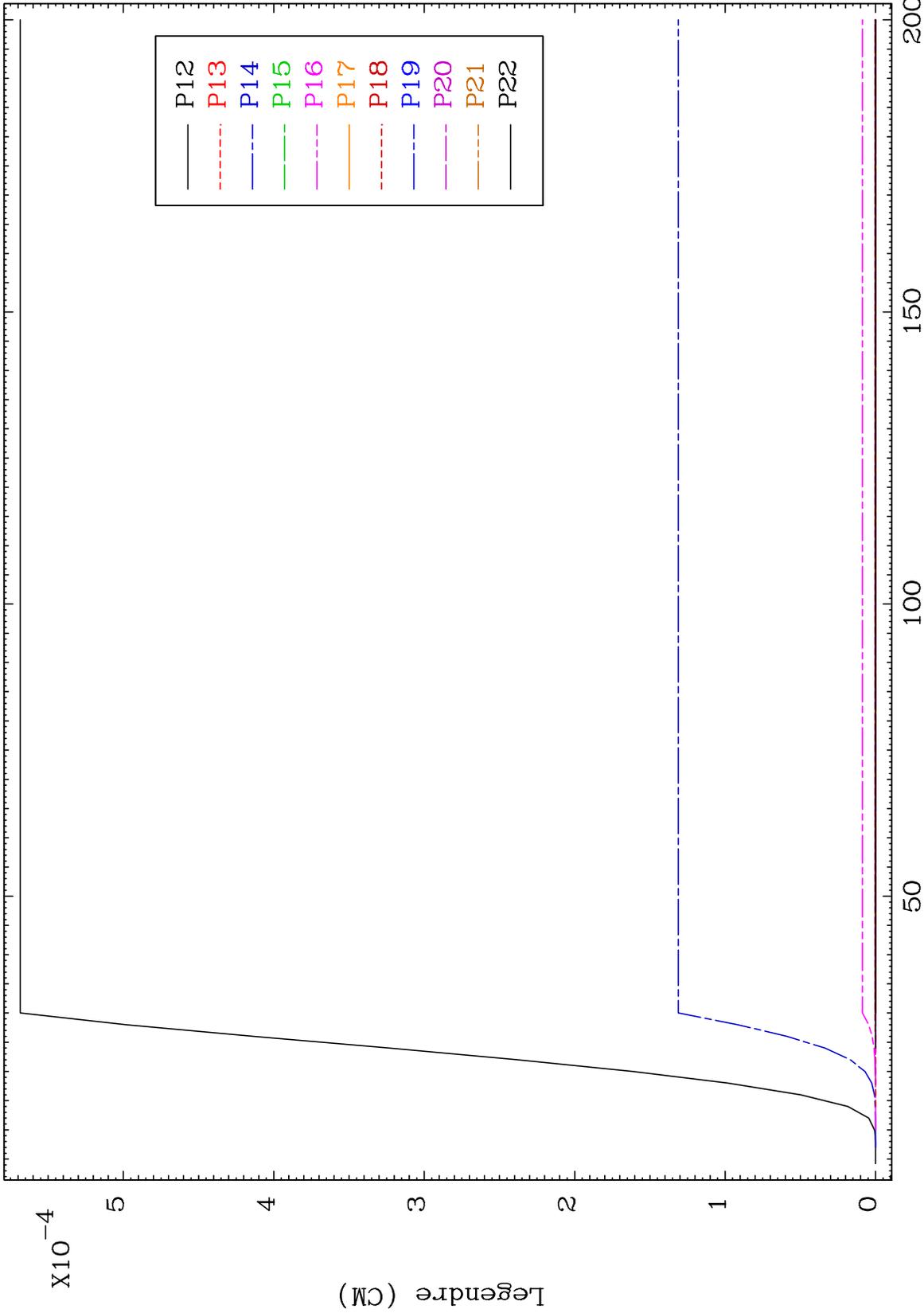
Incident Energy (MeV)

32-Ge-75

MAT 3240

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

32-Ge-75

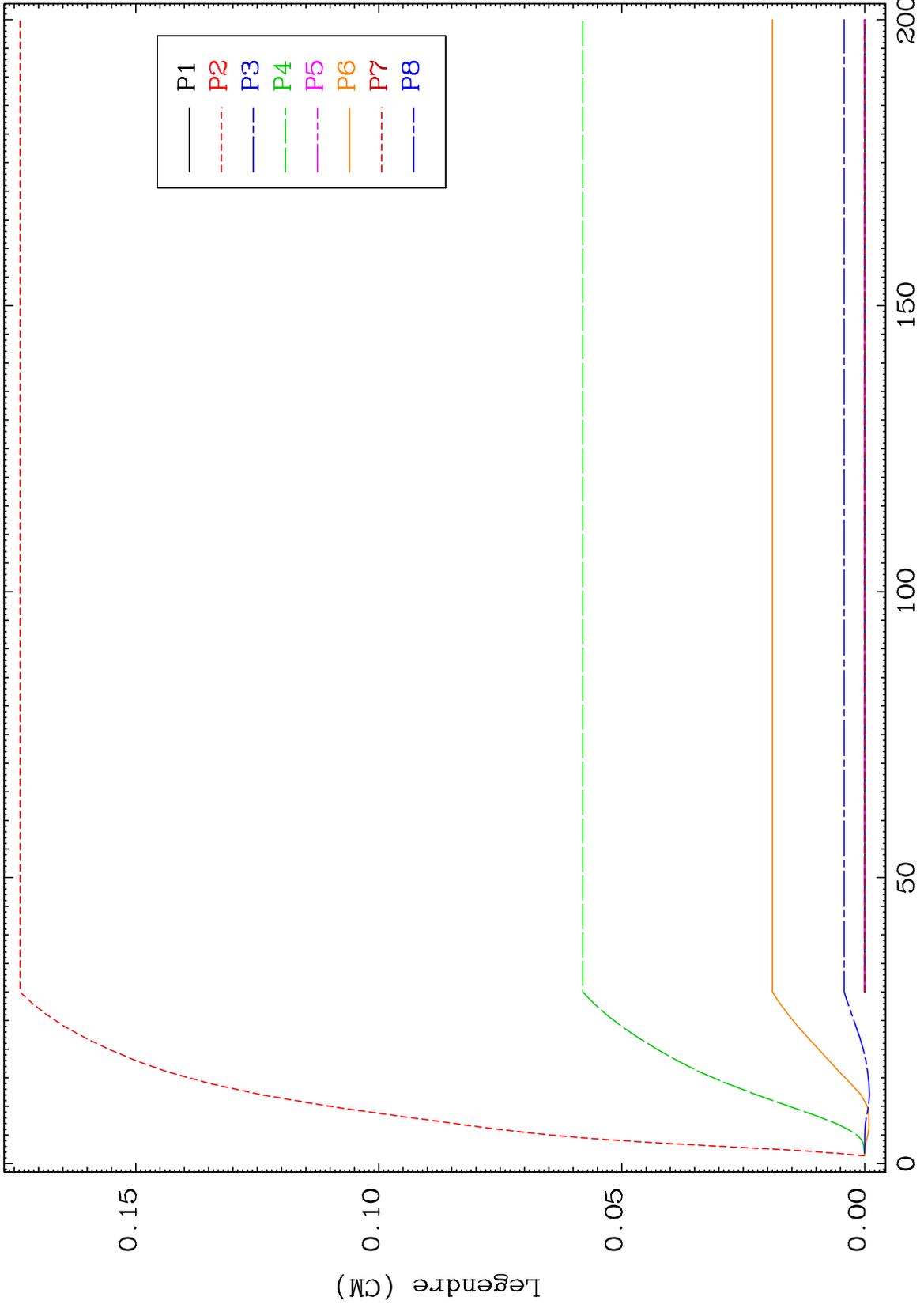


88

Incident Energy (MeV)

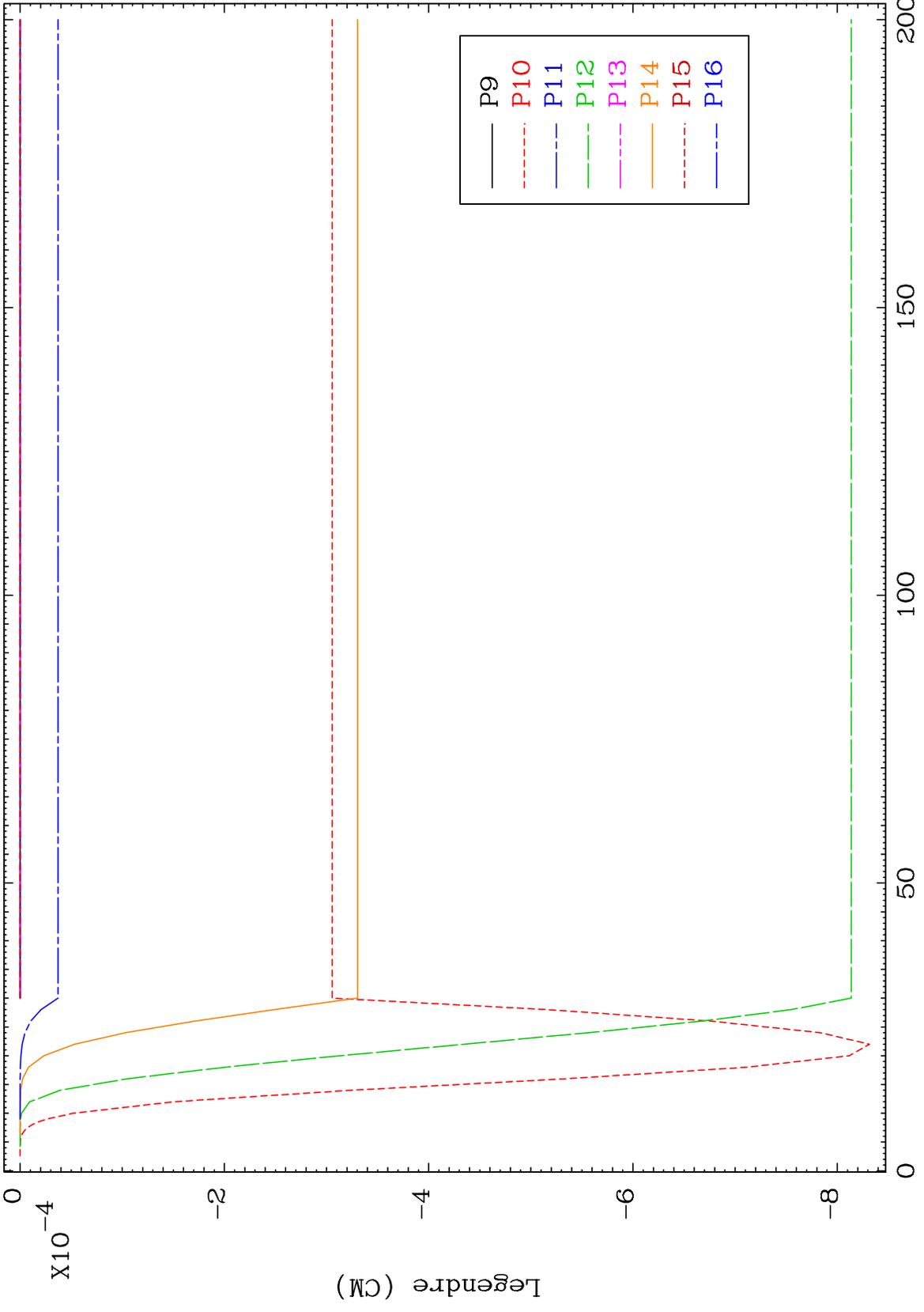
32-Ge-75

MAT 3240 MT= 77 (n,n') Level Legendre Coefficients 32-Ge-75



89 Incident Energy (MeV) 32-Ge-75

MAT 3240 MT= 77 (n,n') Level Legendre Coefficients 32-Ge-75

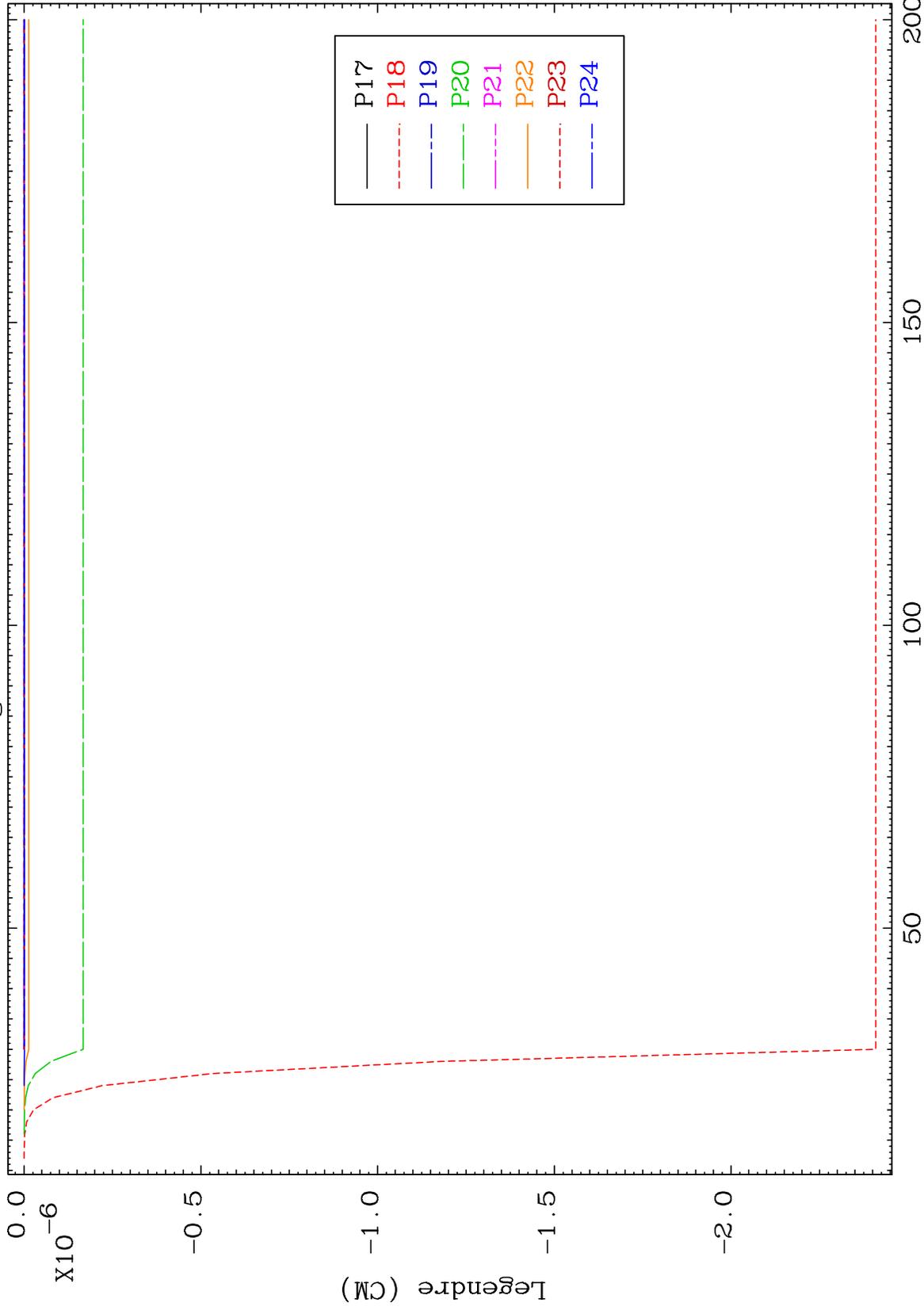


90 Incident Energy (MeV) 32-Ge-75

MAT 3240

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

32-Ge-75

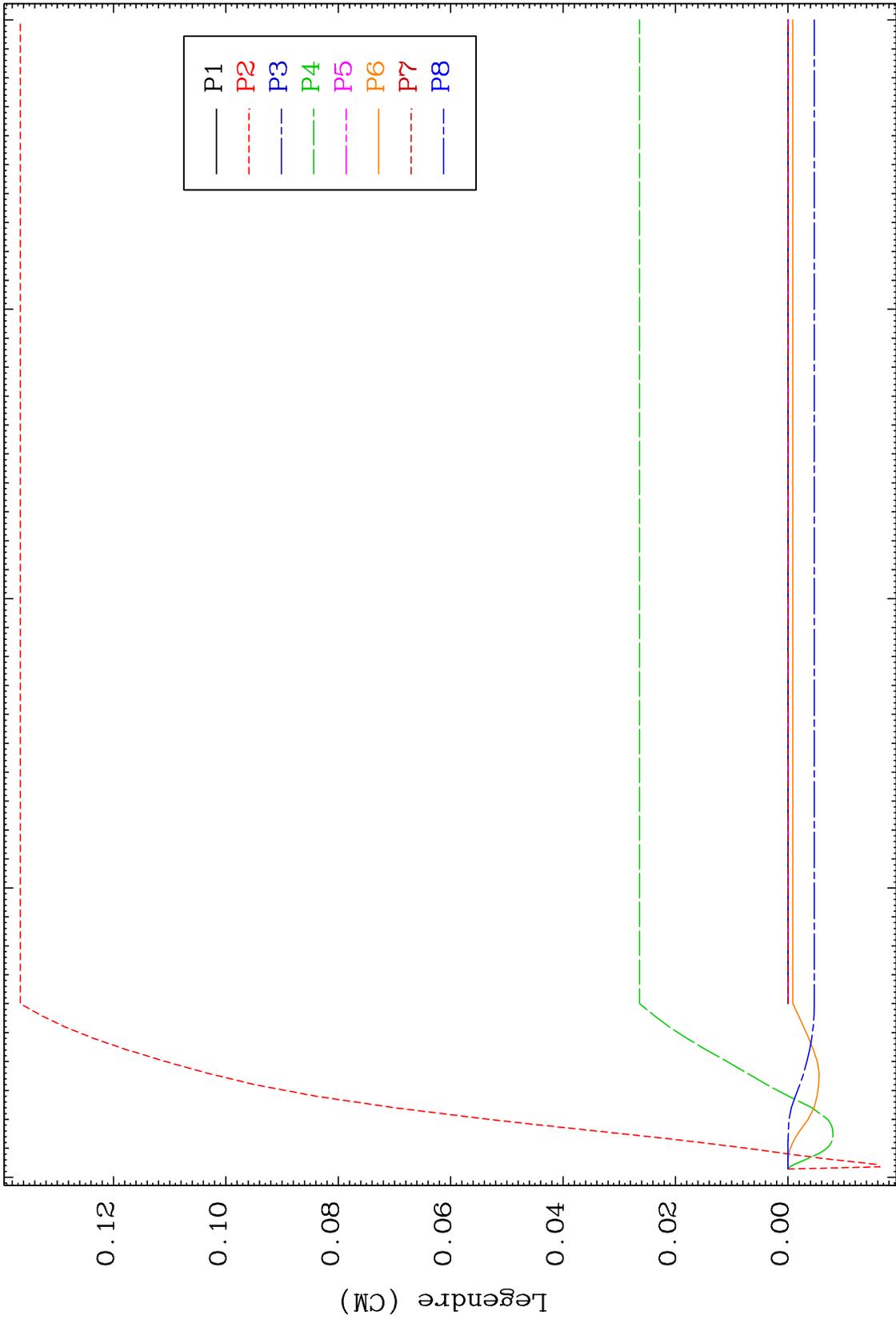


91

Incident Energy (MeV)

32-Ge-75

MAT 3240 MT= 78 (n,n') Level Legendre Coefficients 32-Ge-75

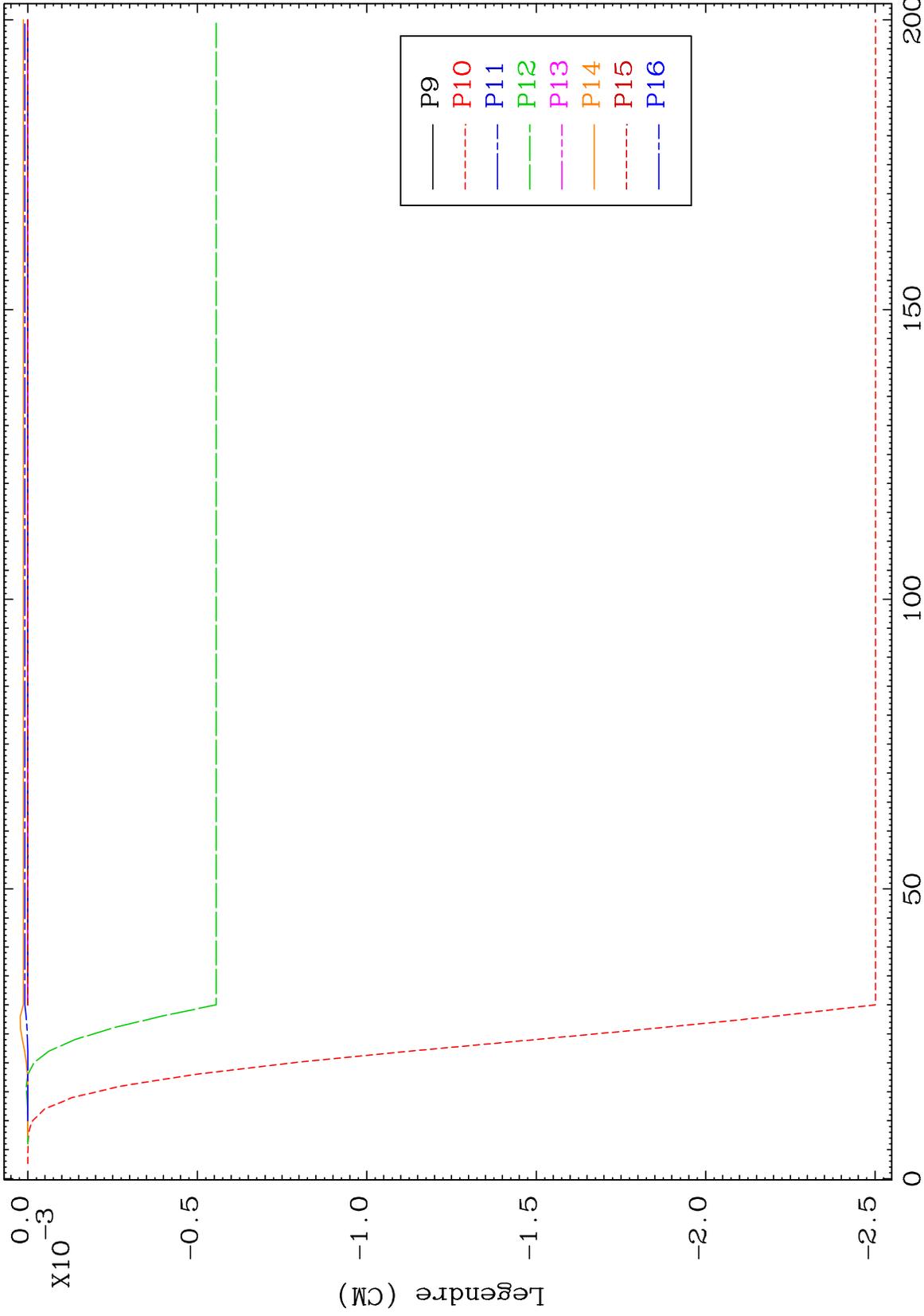


92 32-Ge-75

MAT 3240

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

32-Ge-75

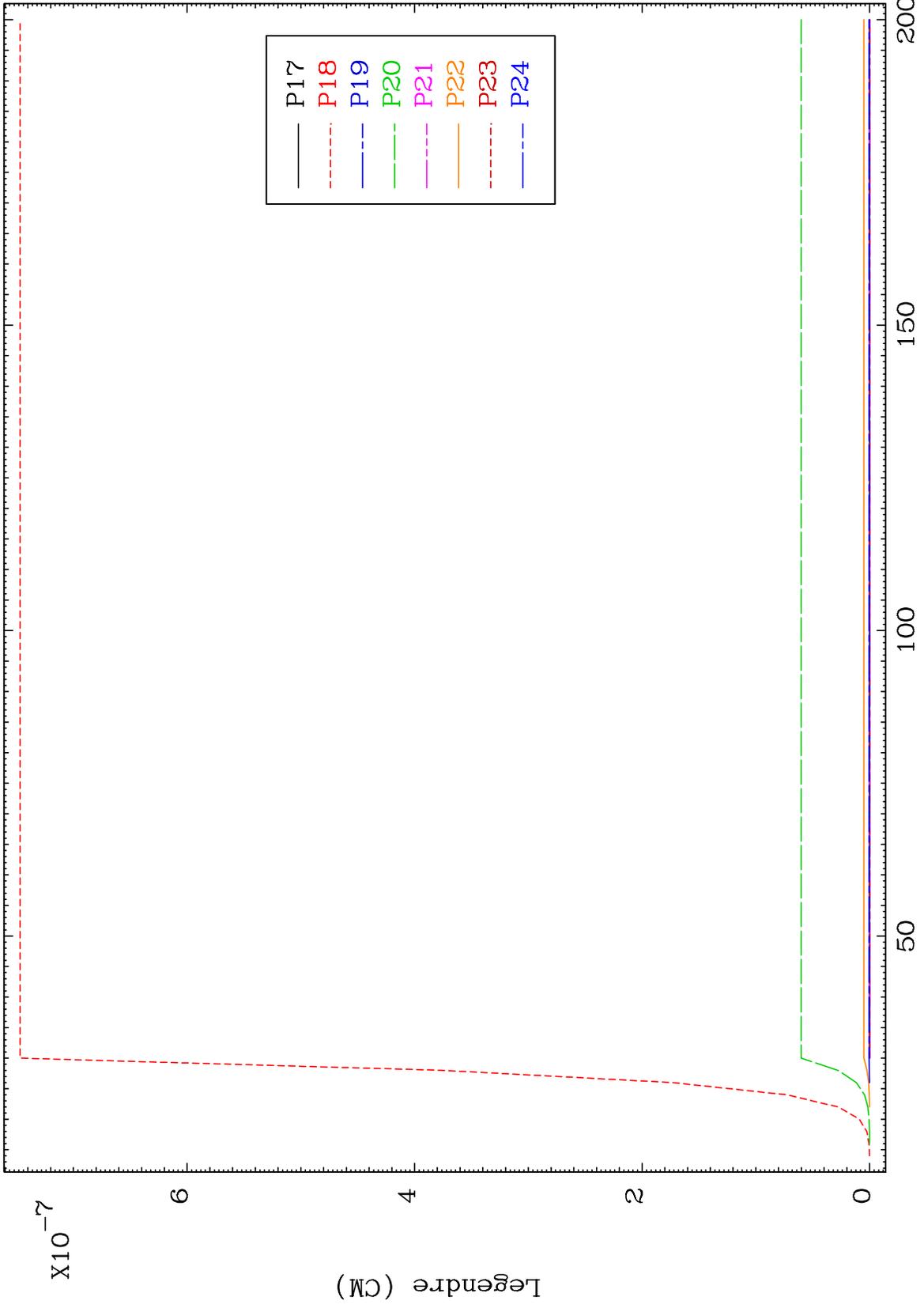


93

Incident Energy (MeV)

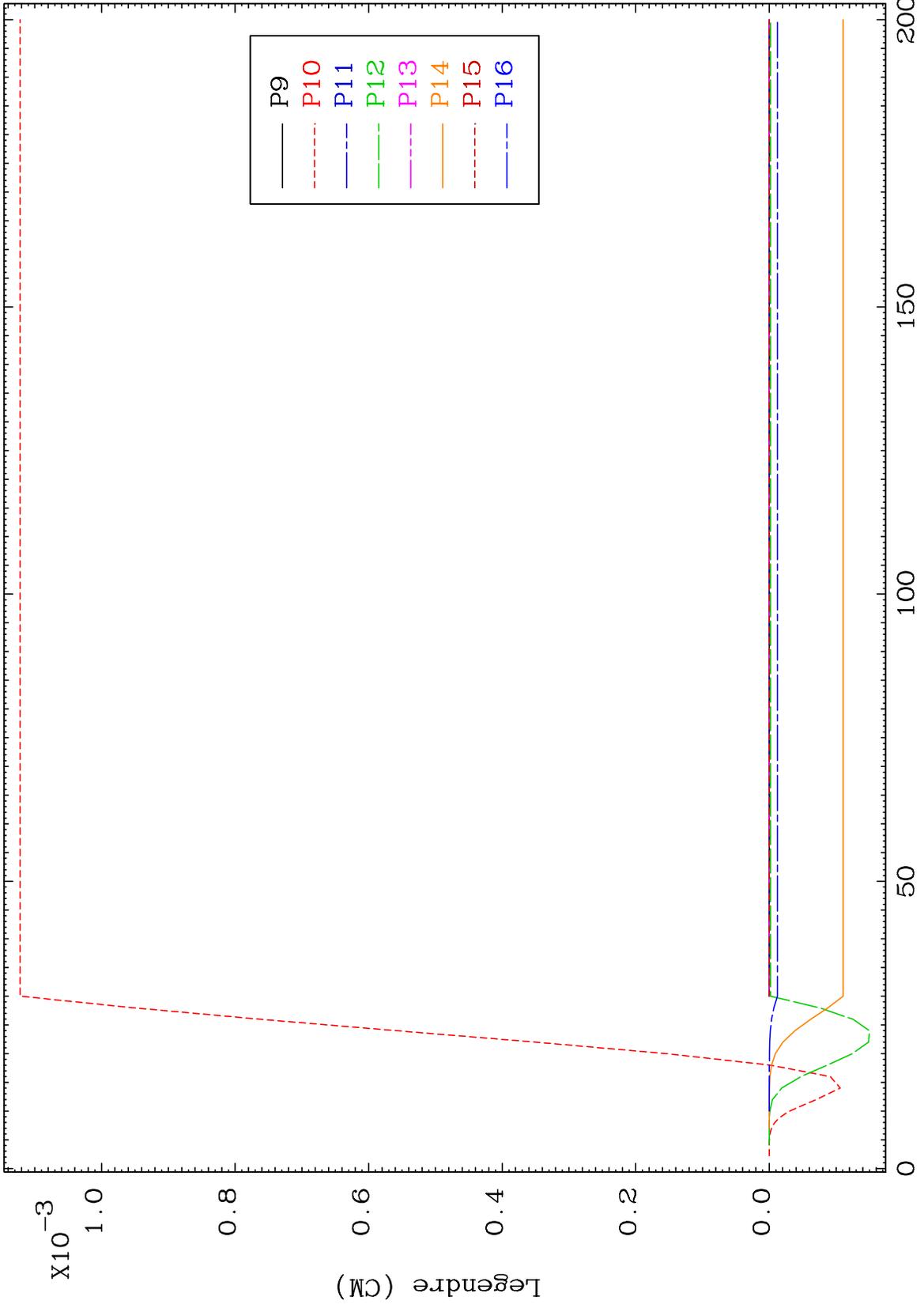
32-Ge-75

MAT 3240 MT= 78 (n,n') Level Legendre Coefficients 32-Ge-75



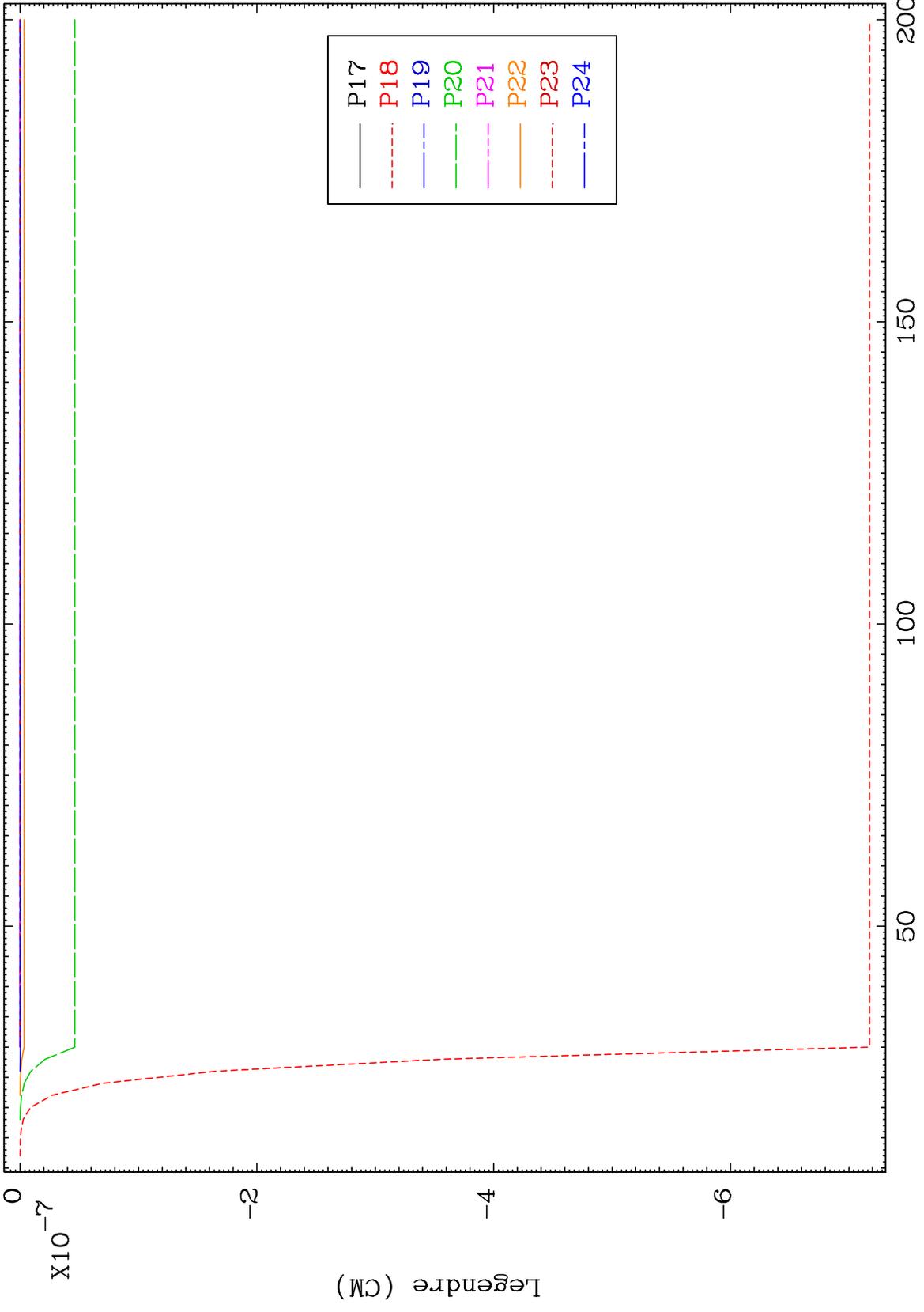
94 32-Ge-75

MAT 3240 MT= 79 (n,n') Level Legendre Coefficients 32-Ge-75

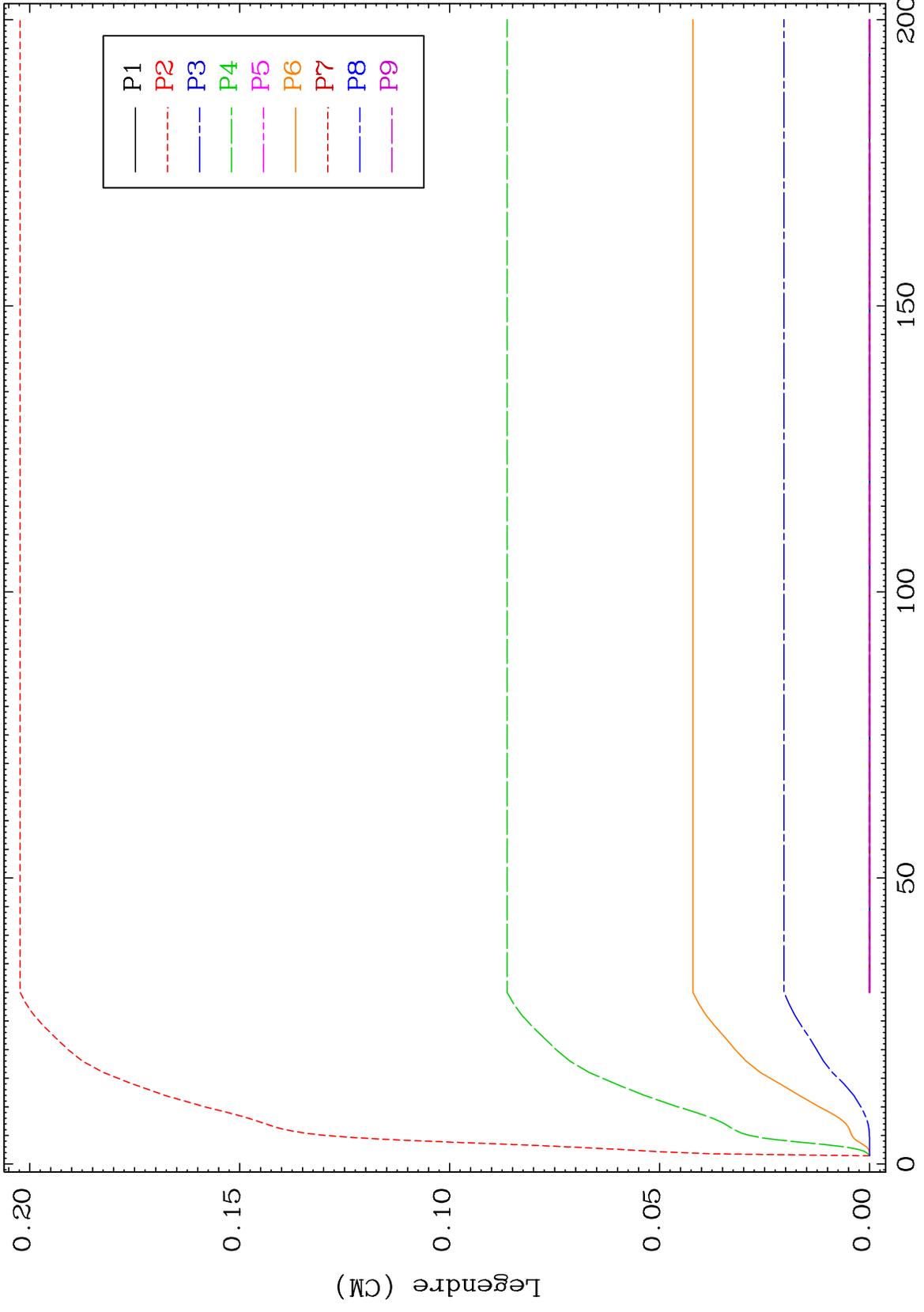


96 32-Ge-75

MAT 3240 MT= 79 (n,n') Level Legendre Coefficients 32-Ge-75



MAT 3240 MT= 80 (n,n') Level Legendre Coefficients 32-Ge-75

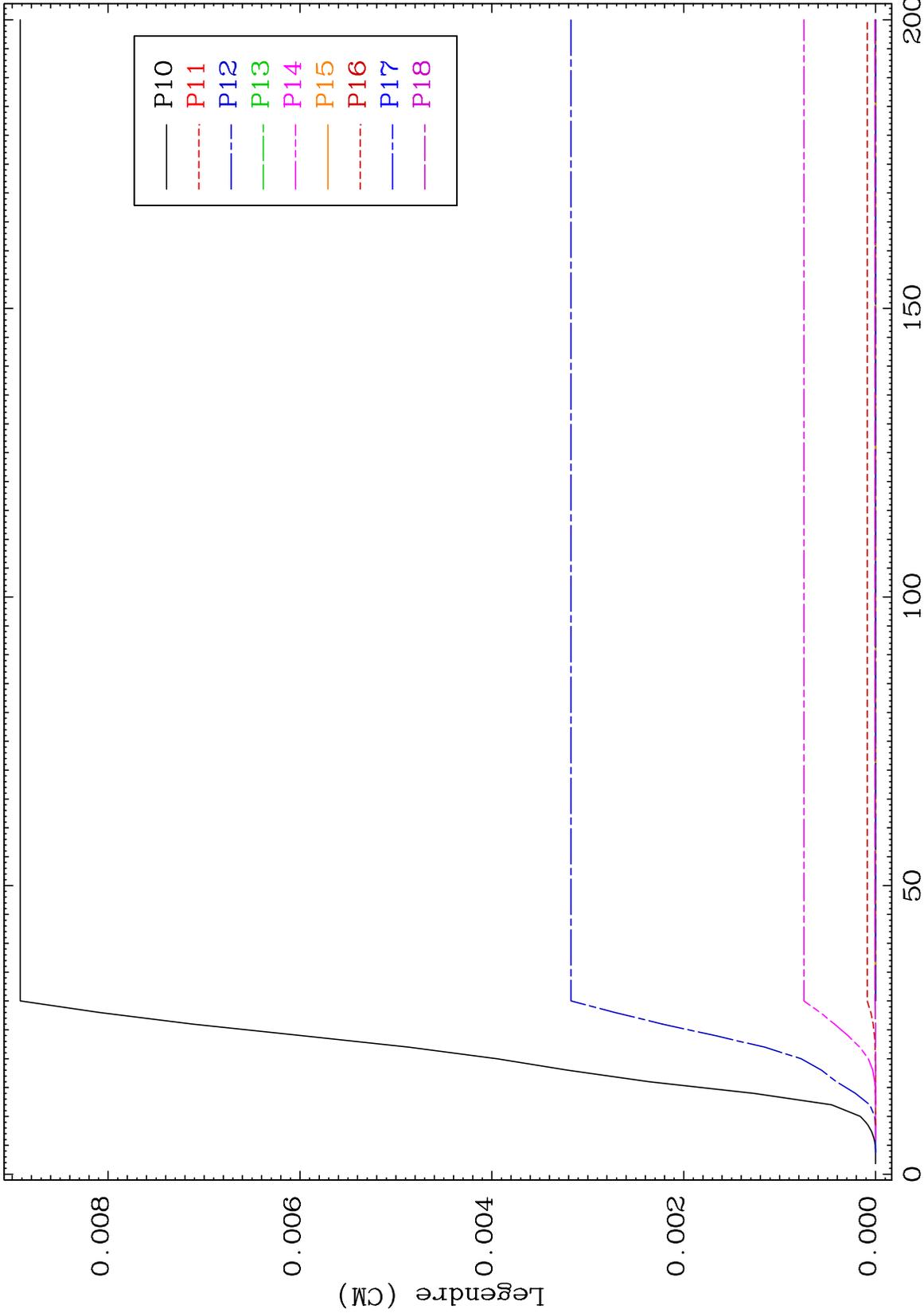


98 Incident Energy (MeV) 32-Ge-75

MAT 3240

MT= 80 (n,n') Level
Legendre Coefficients

32-Ge-75

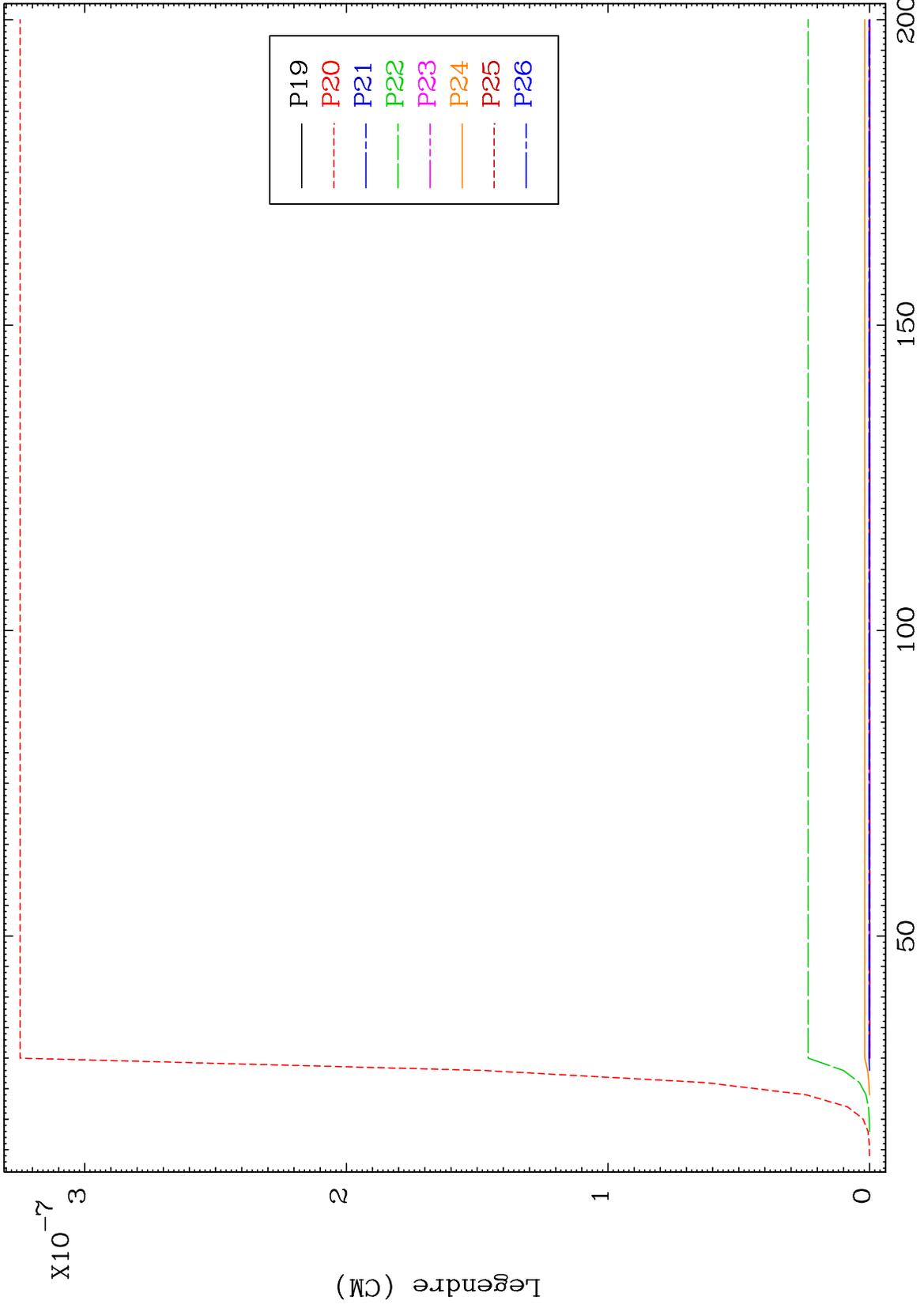


99

Incident Energy (MeV)

32-Ge-75

MAT 3240 MT= 80 (n,n') Level Legendre Coefficients 32-Ge-75

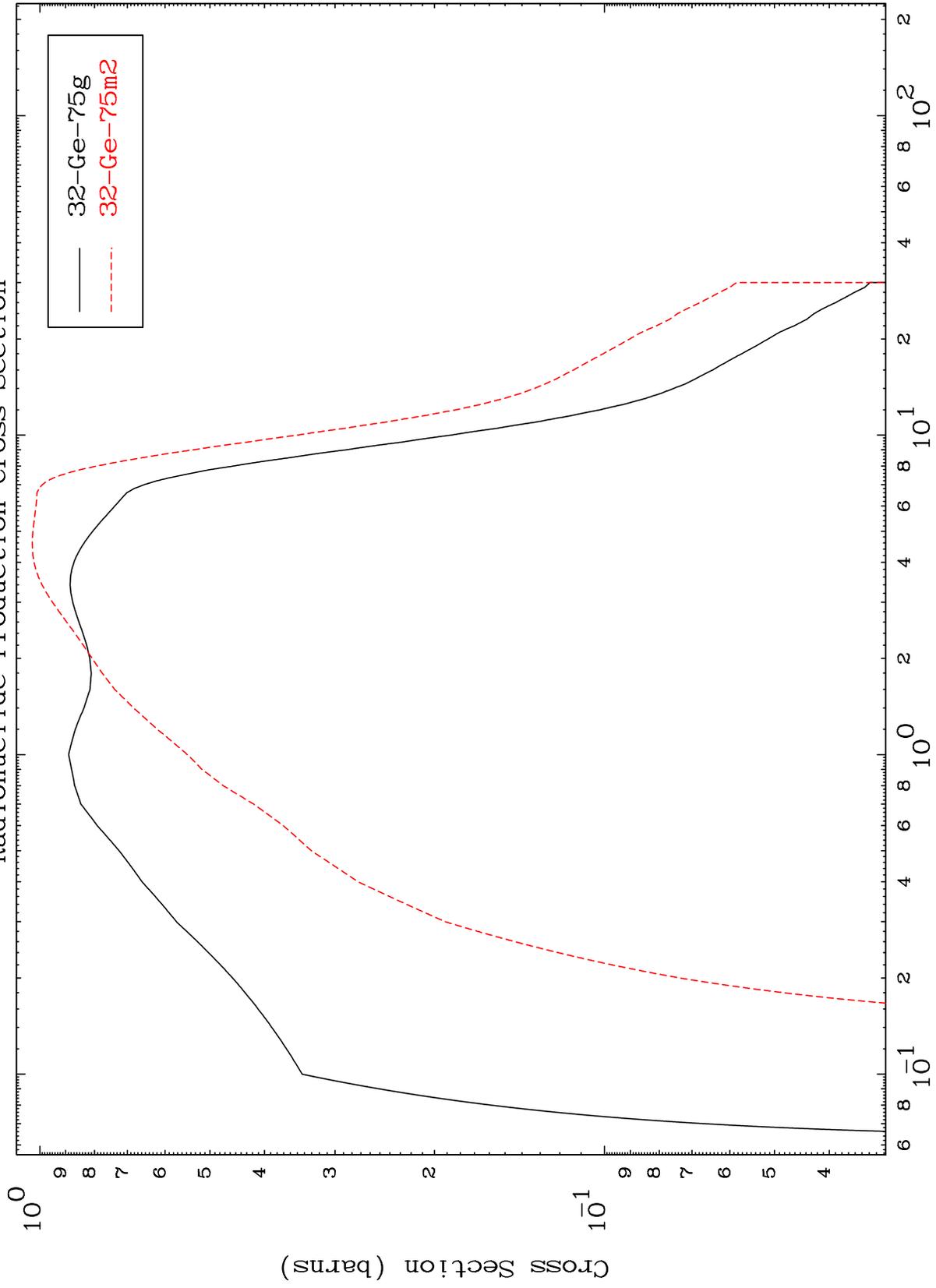


Incident Energy (MeV) 32-Ge-75

MAT 3240

32-Ge-75

Inelastic
Radionuclide Production Cross Section



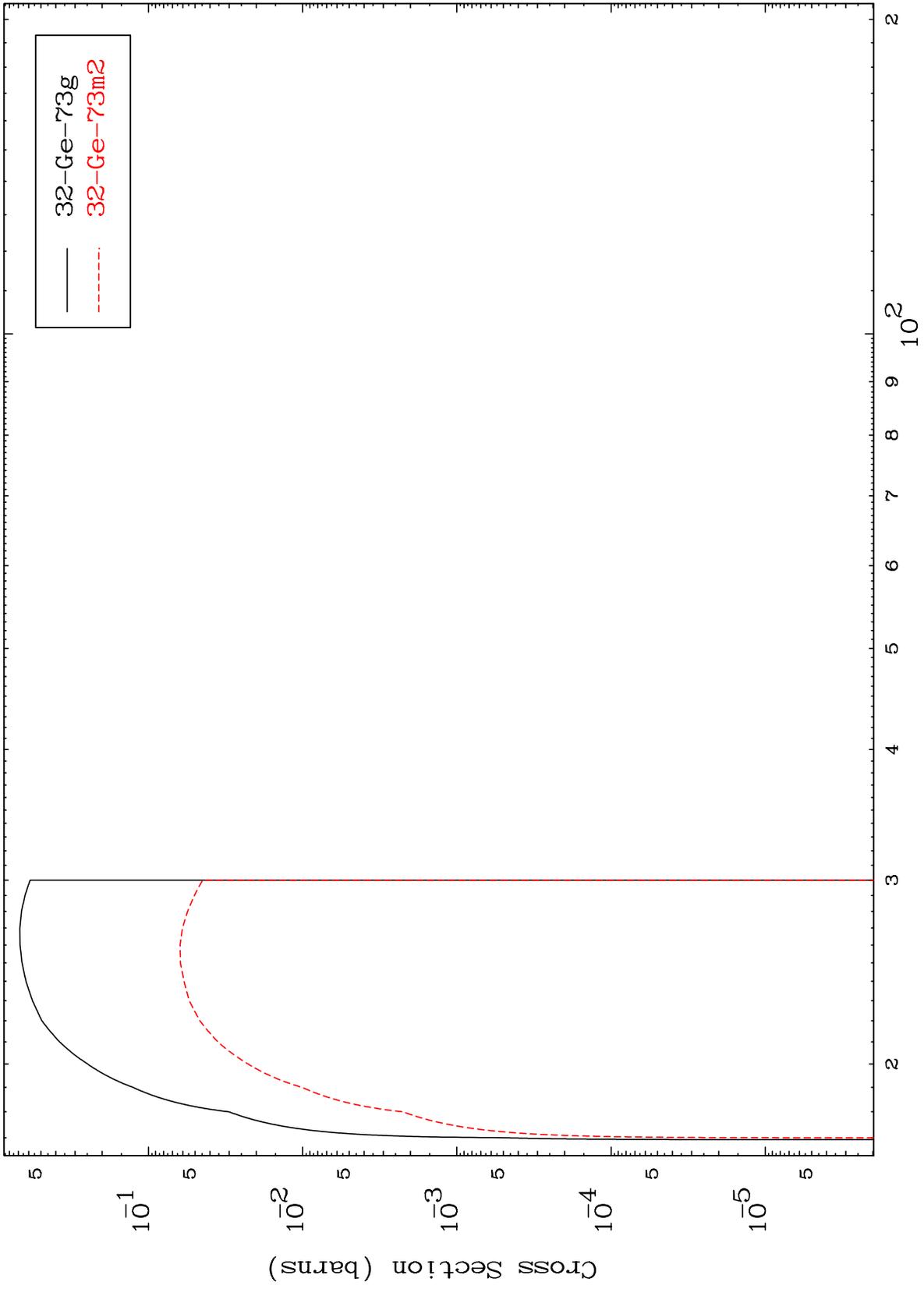
101

32-Ge-75

MAT 3240

³²Ge-75

(n,3n)
Radionuclide Production Cross Section



102

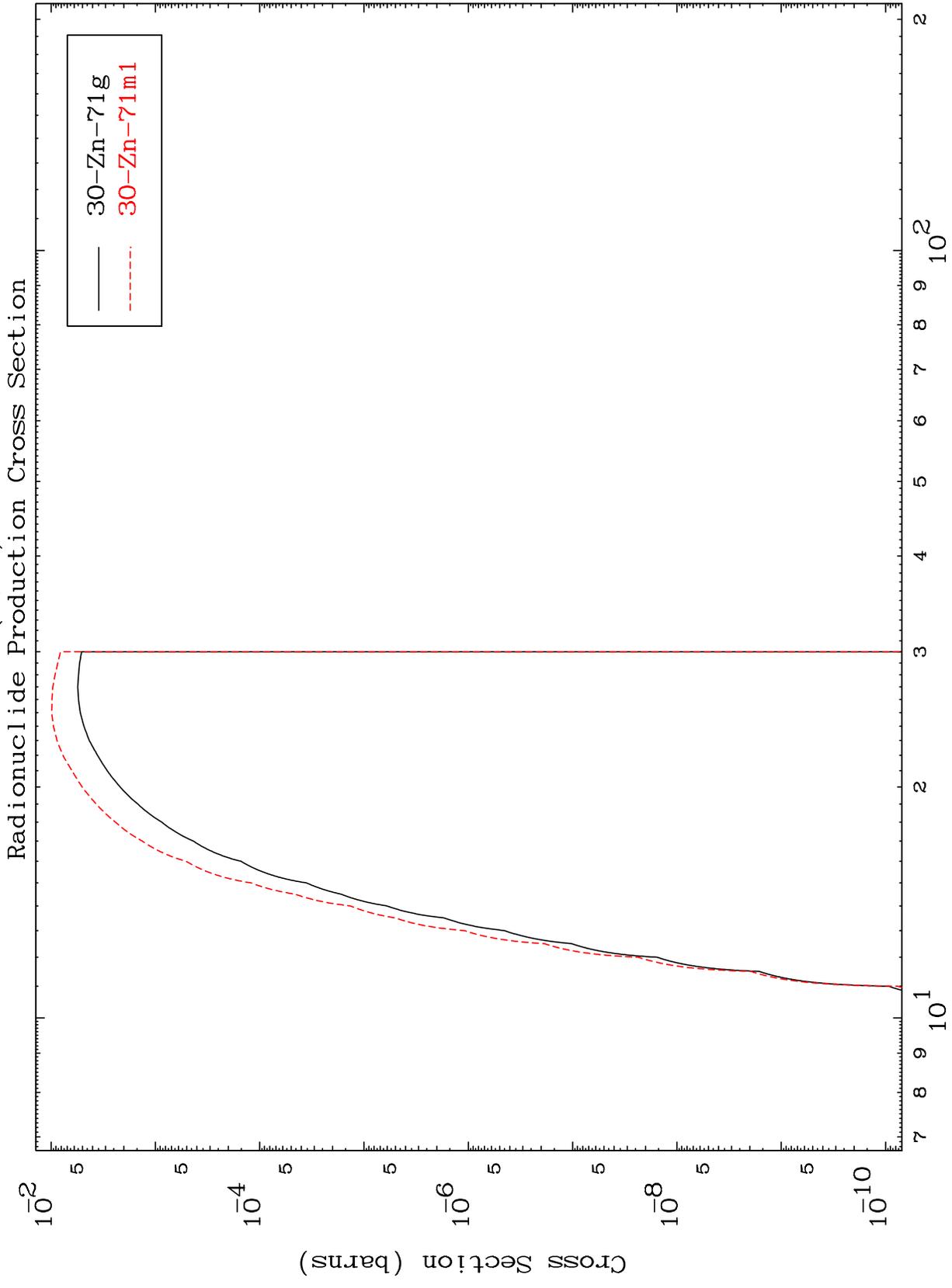
Incident Energy (MeV)

³²Ge-75

MAT 3240

(n,n') α

³²Ge-⁷⁵



103

Incident Energy (MeV)

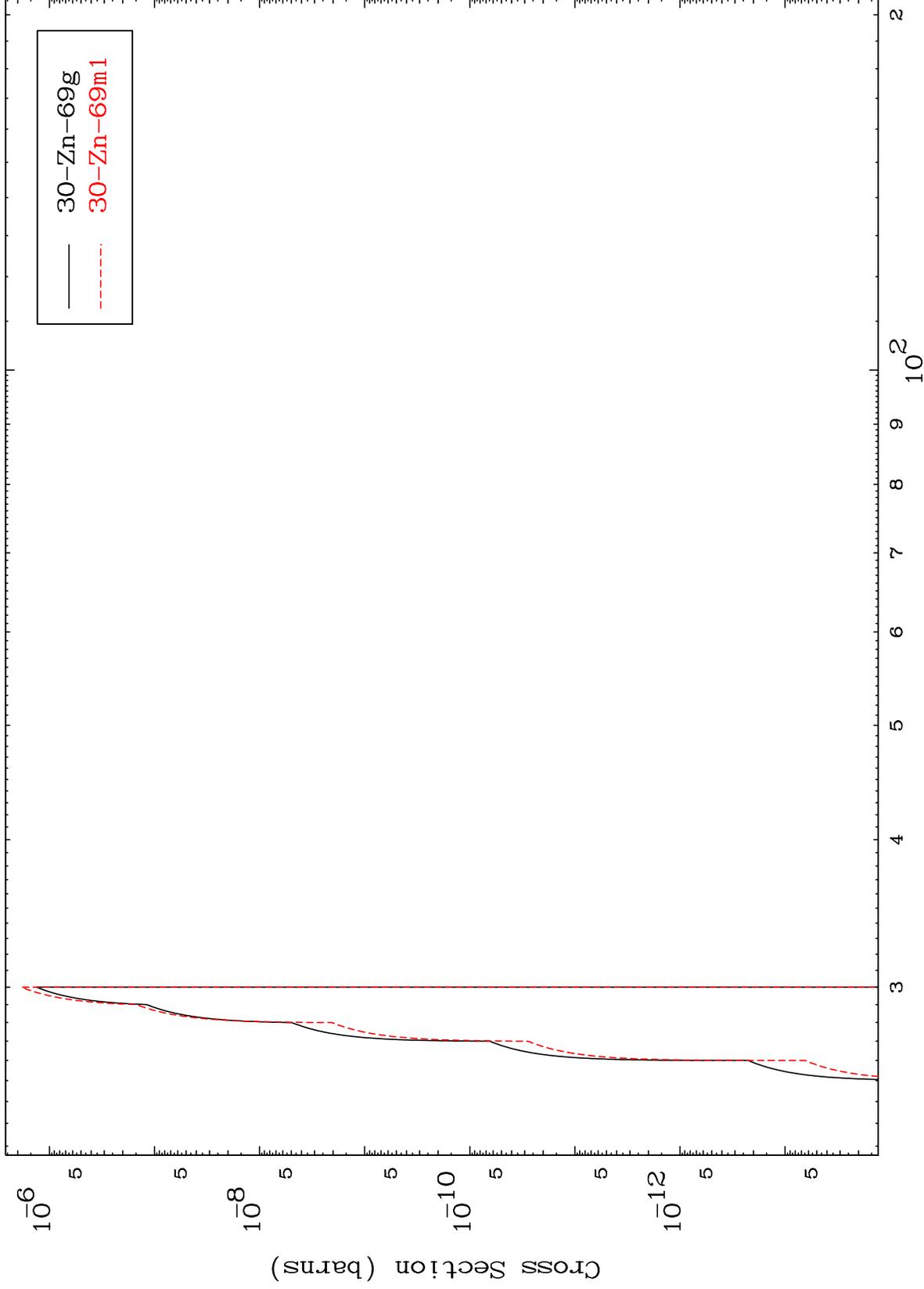
³²Ge-⁷⁵

MAT 3240

(n,3n) α

³²Ge-⁷⁵

Radionuclide Production Cross Section



104

Incident Energy (MeV)

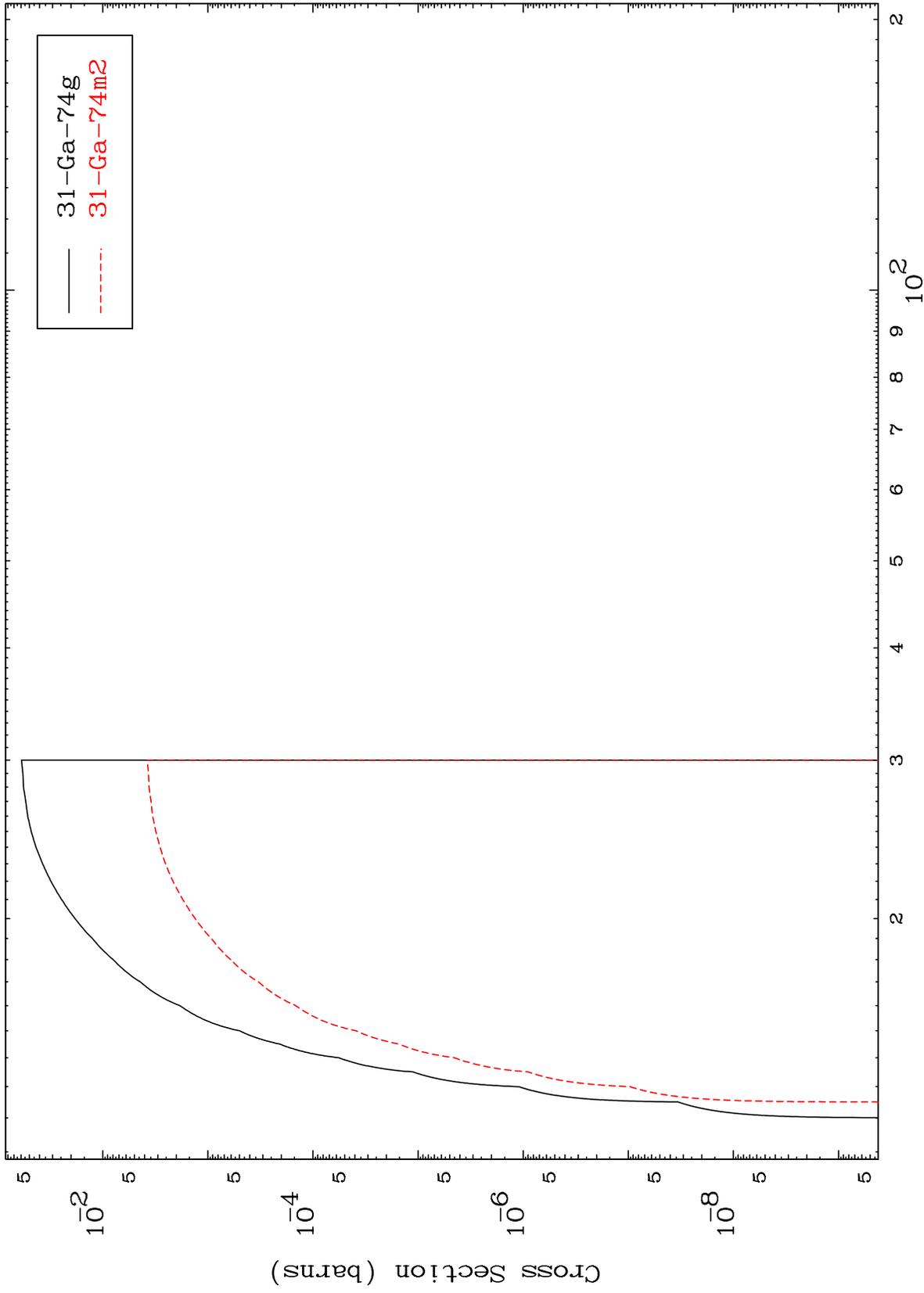
³²Ge-⁷⁵

MAT 3240

(n,n') p

³²Ge-⁷⁵

Radionuclide Production Cross Section



105

Incident Energy (MeV)

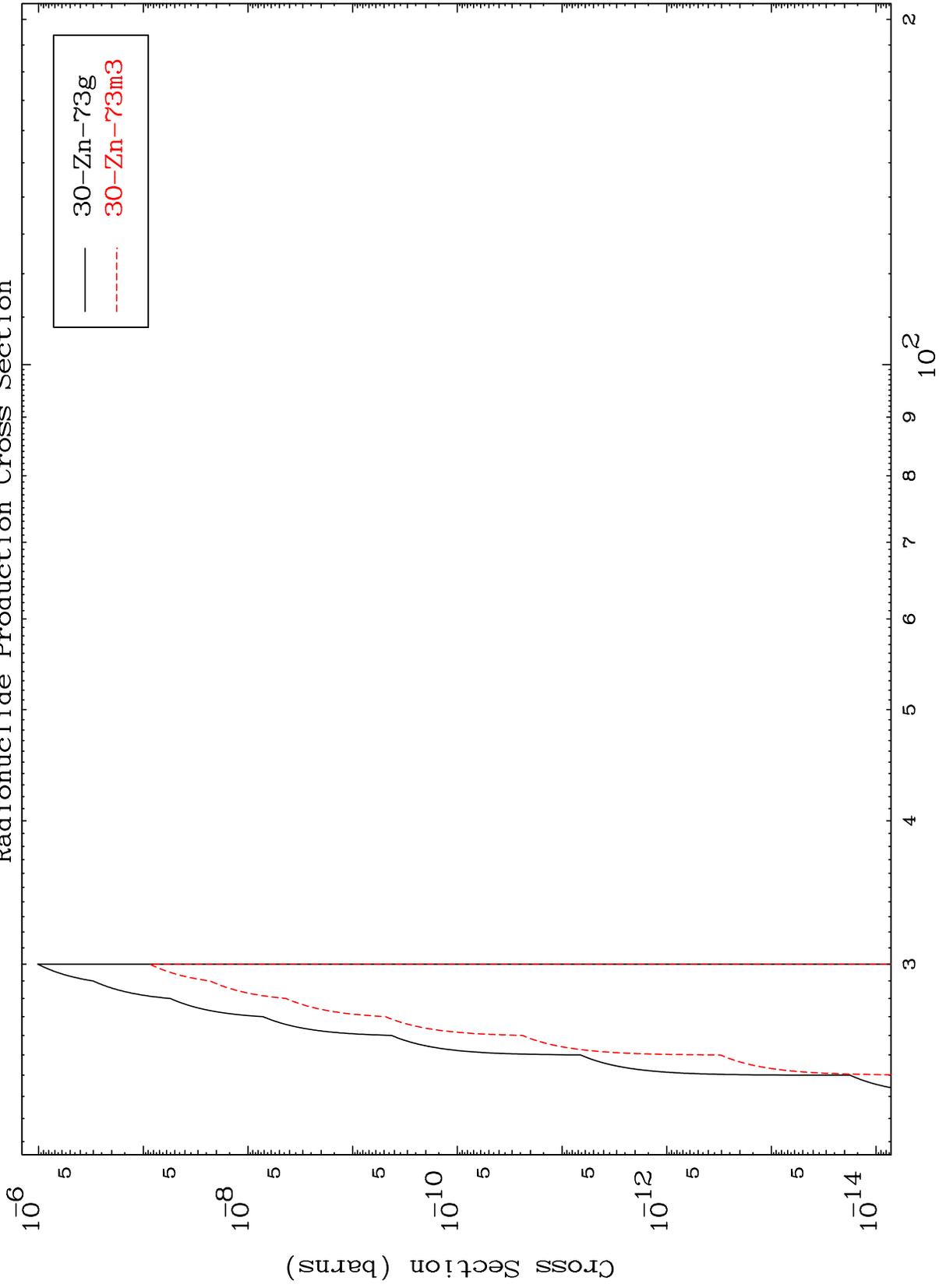
³²Ge-⁷⁵

MAT 3240

(n,2n) p

32-Ge-75

Radionuclide Production Cross Section



106

Incident Energy (MeV)

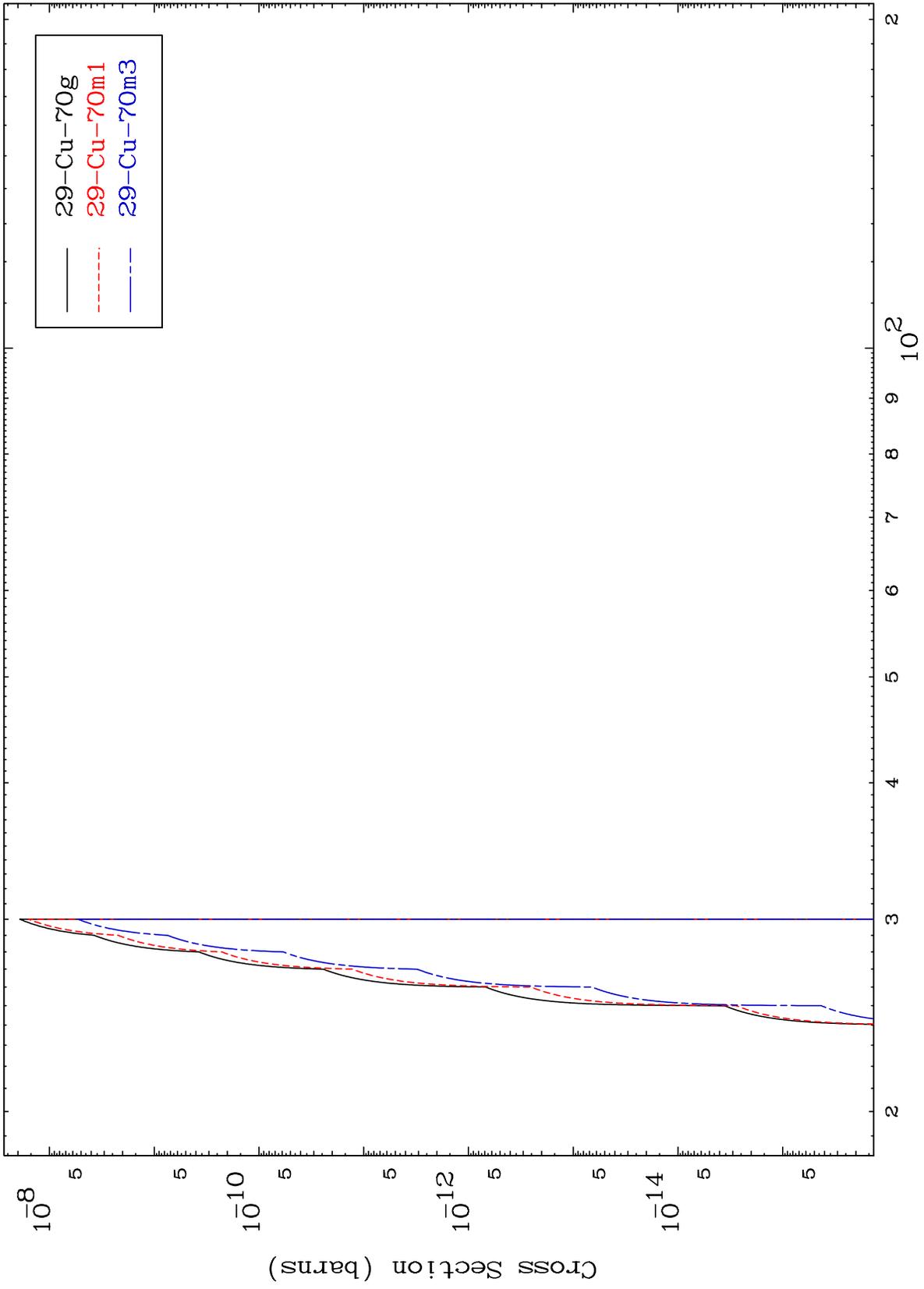
32-Ge-75

MAT 3240

(n,n') p α

32-Ge-75

Radionuclide Production Cross Section



107

Incident Energy (MeV)

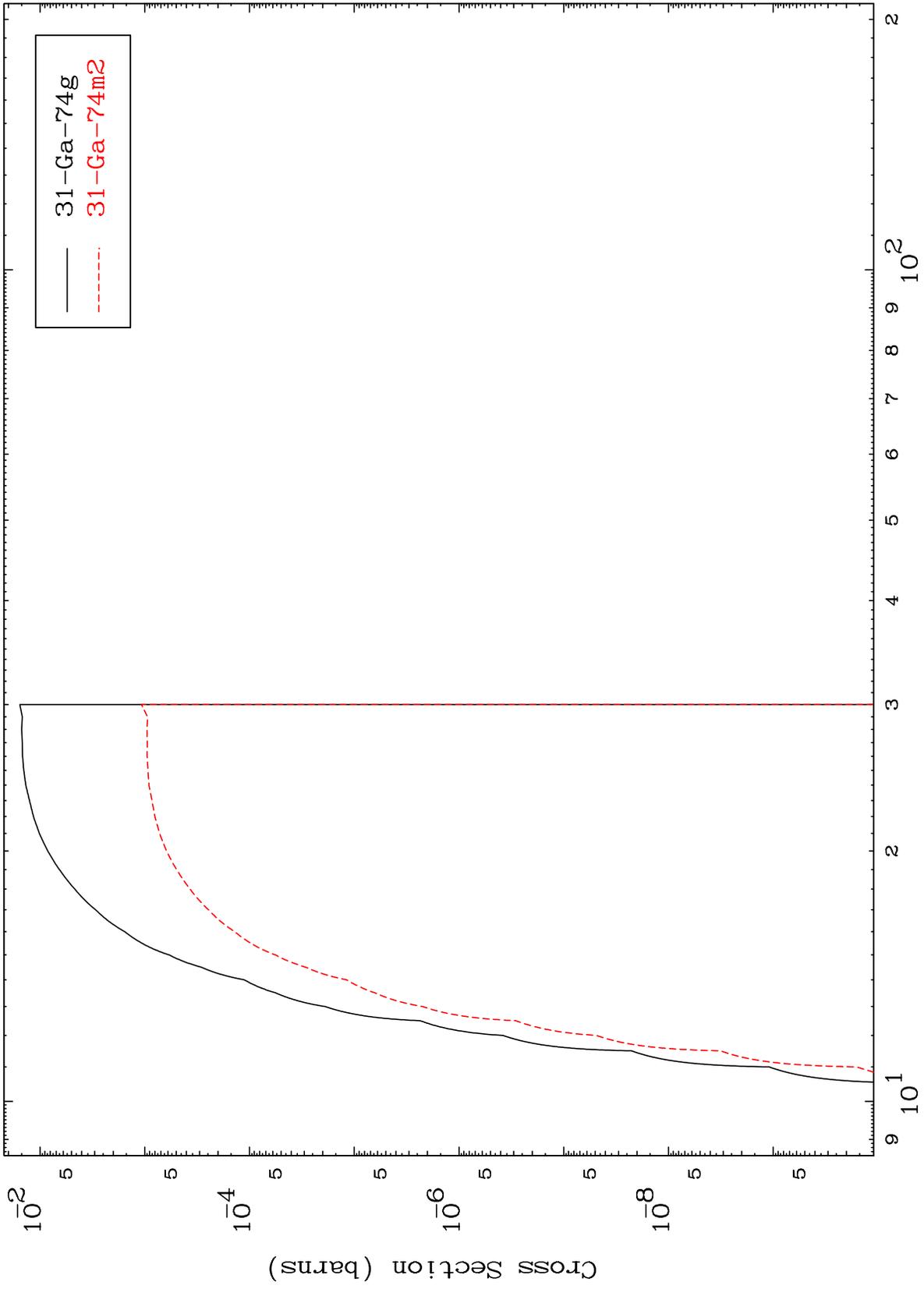
32-Ge-75

MAT 3240

(n,d)

³²Ge-⁷⁵

Radionuclide Production Cross Section



108

Incident Energy (MeV)

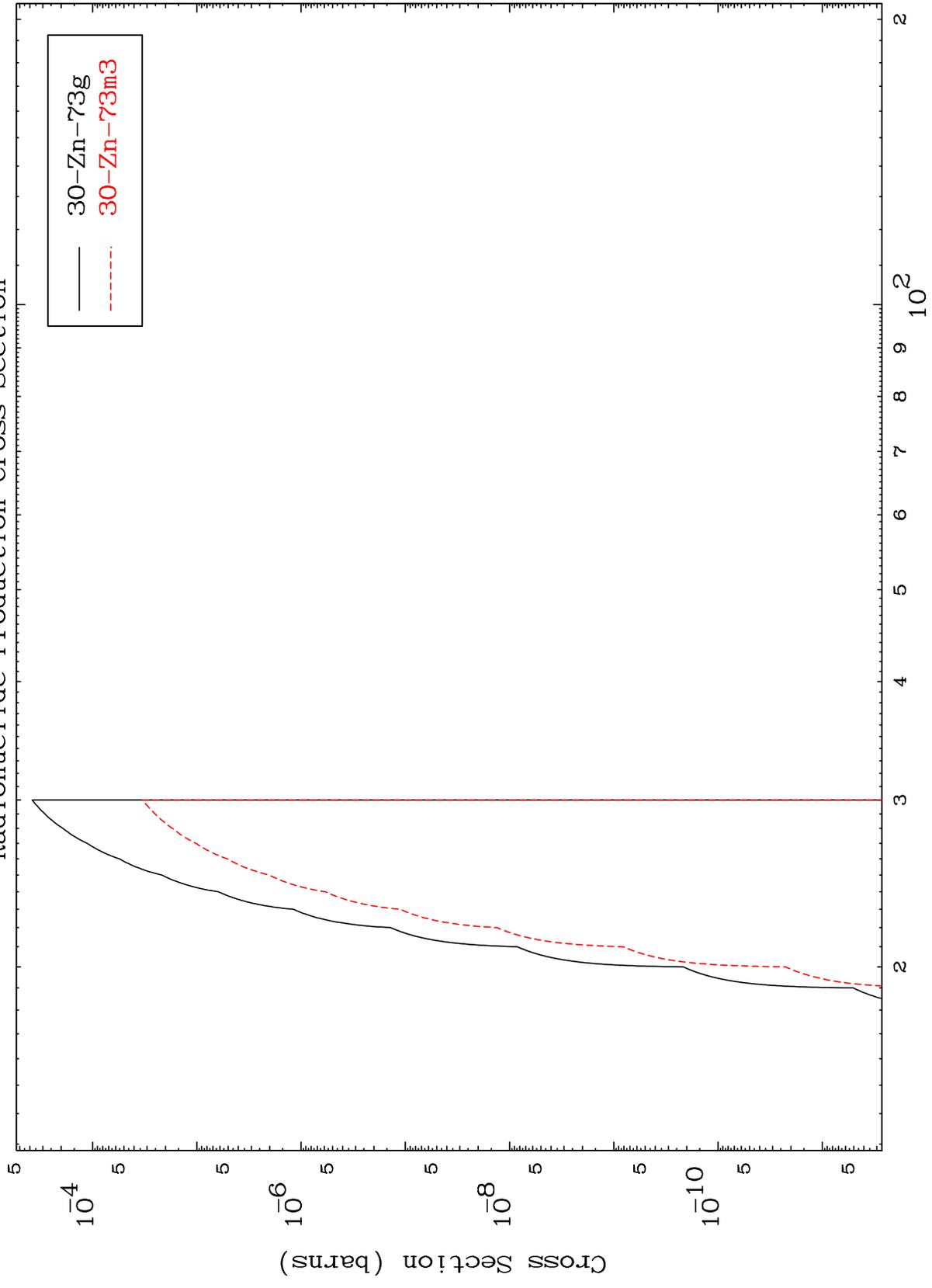
³²Ge-⁷⁵

MAT 3240

(n, He-3)

32-Ge-75

Radionuclide Production Cross Section



109

Incident Energy (MeV)

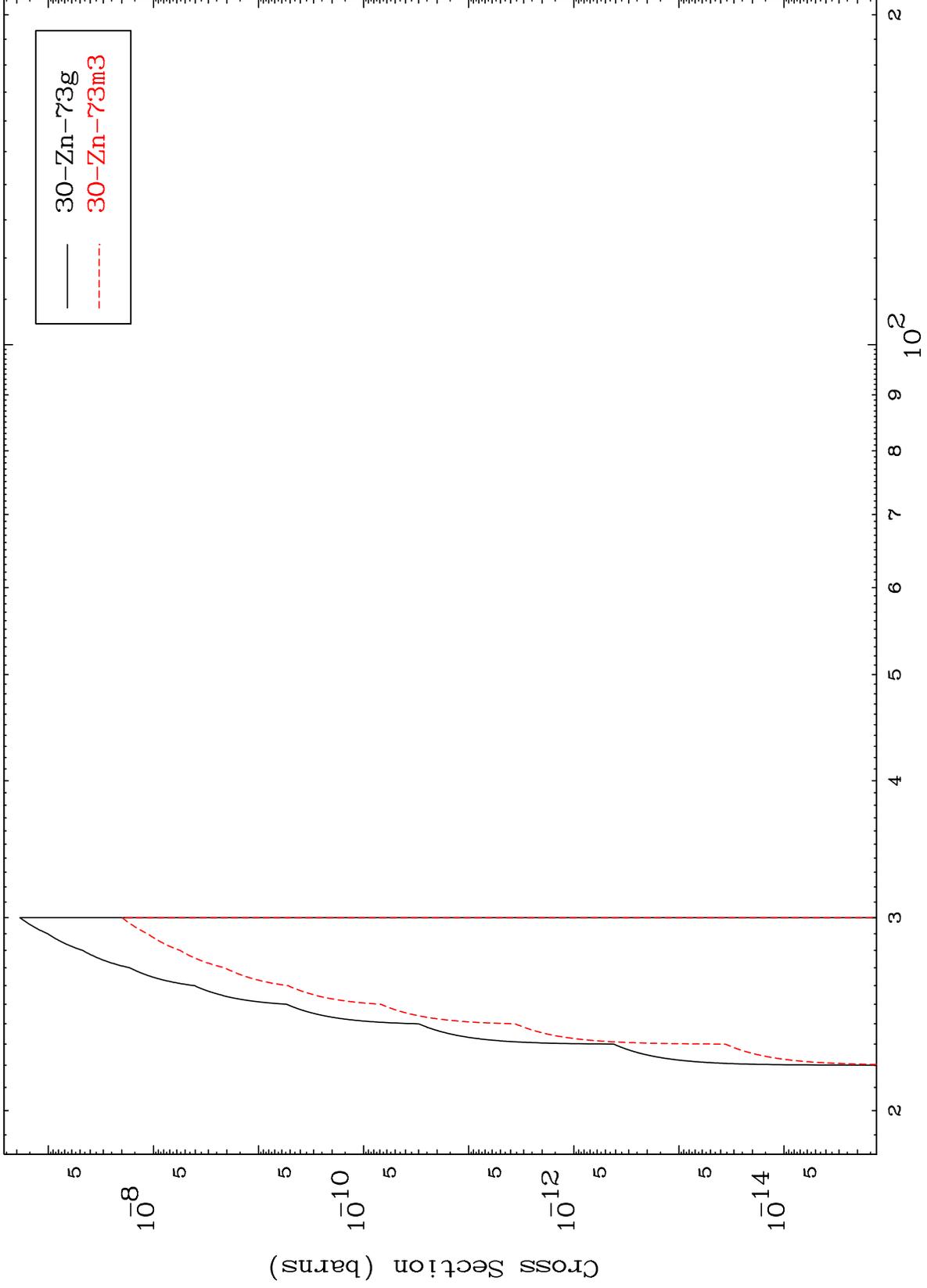
32-Ge-75

MAT 3240

(n,p) d

32-Ge-75

Radionuclide Production Cross Section



110

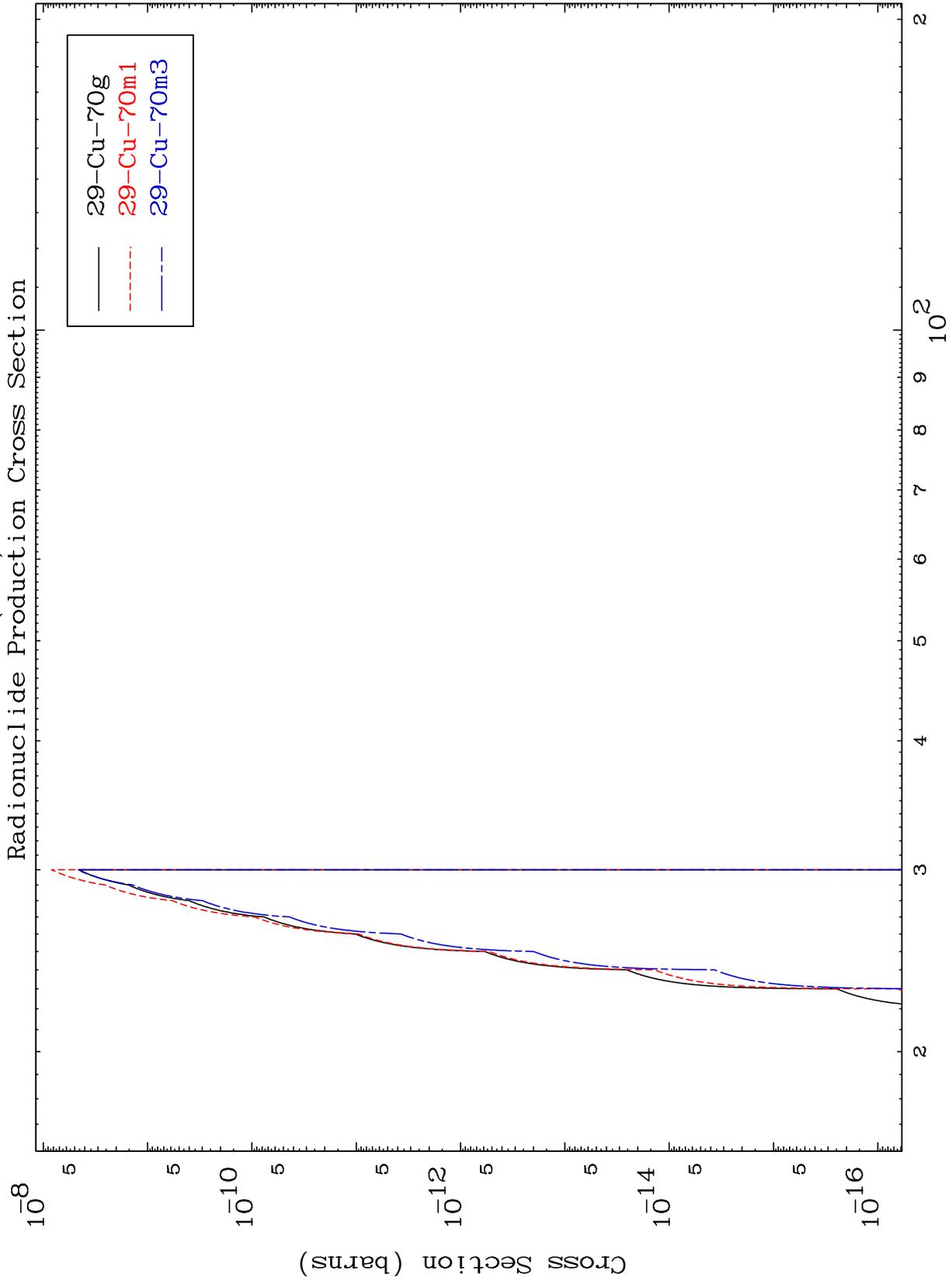
Incident Energy (MeV)

32-Ge-75

MAT 3240

$(n,d) \alpha$

32-Ge-75



111

32-Ge-75