

Program EVALPLOT  
(Version 2018-1)

by

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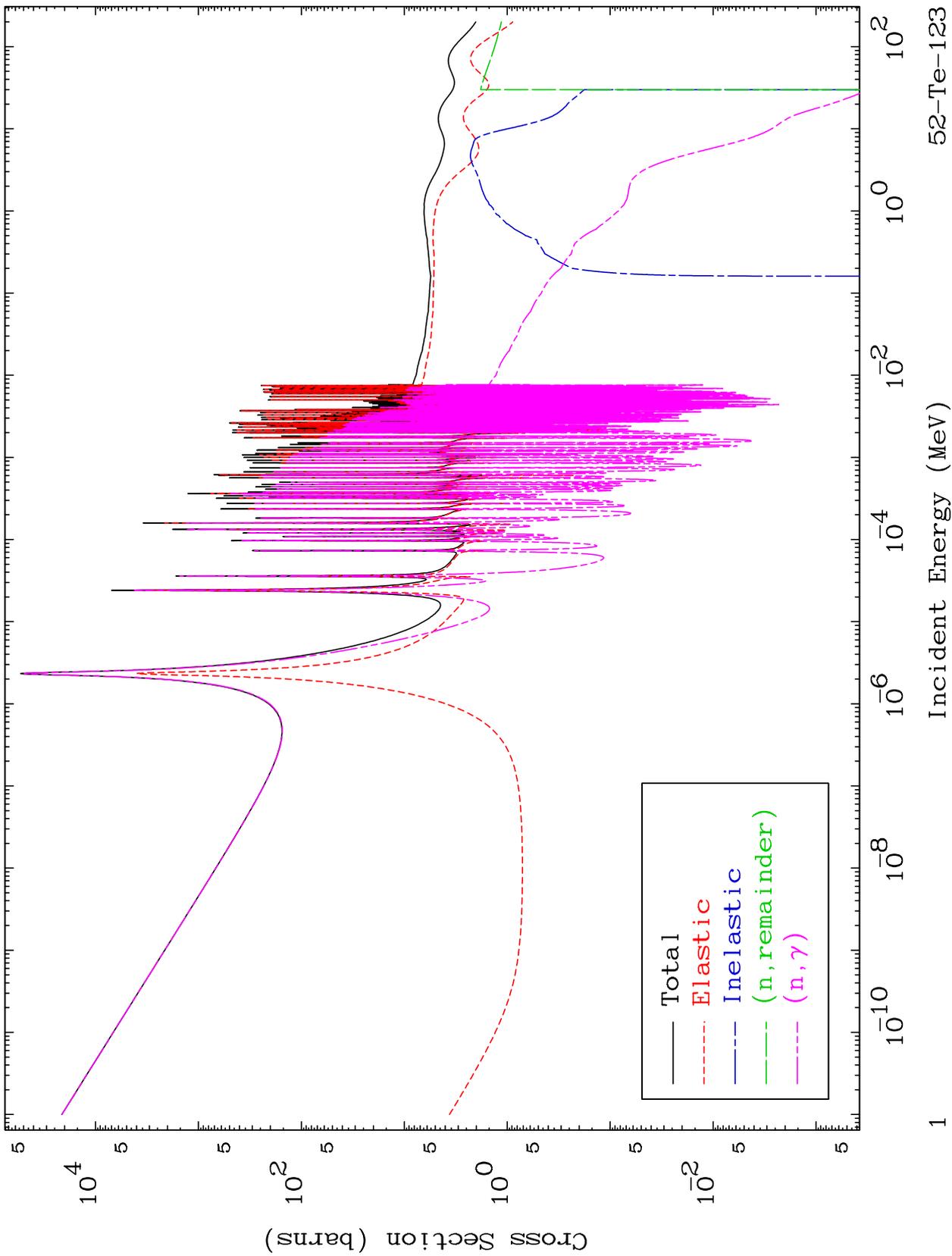
Press Mouse Button to Start

MAT 5234

Major

293 Kelvin Cross Sections

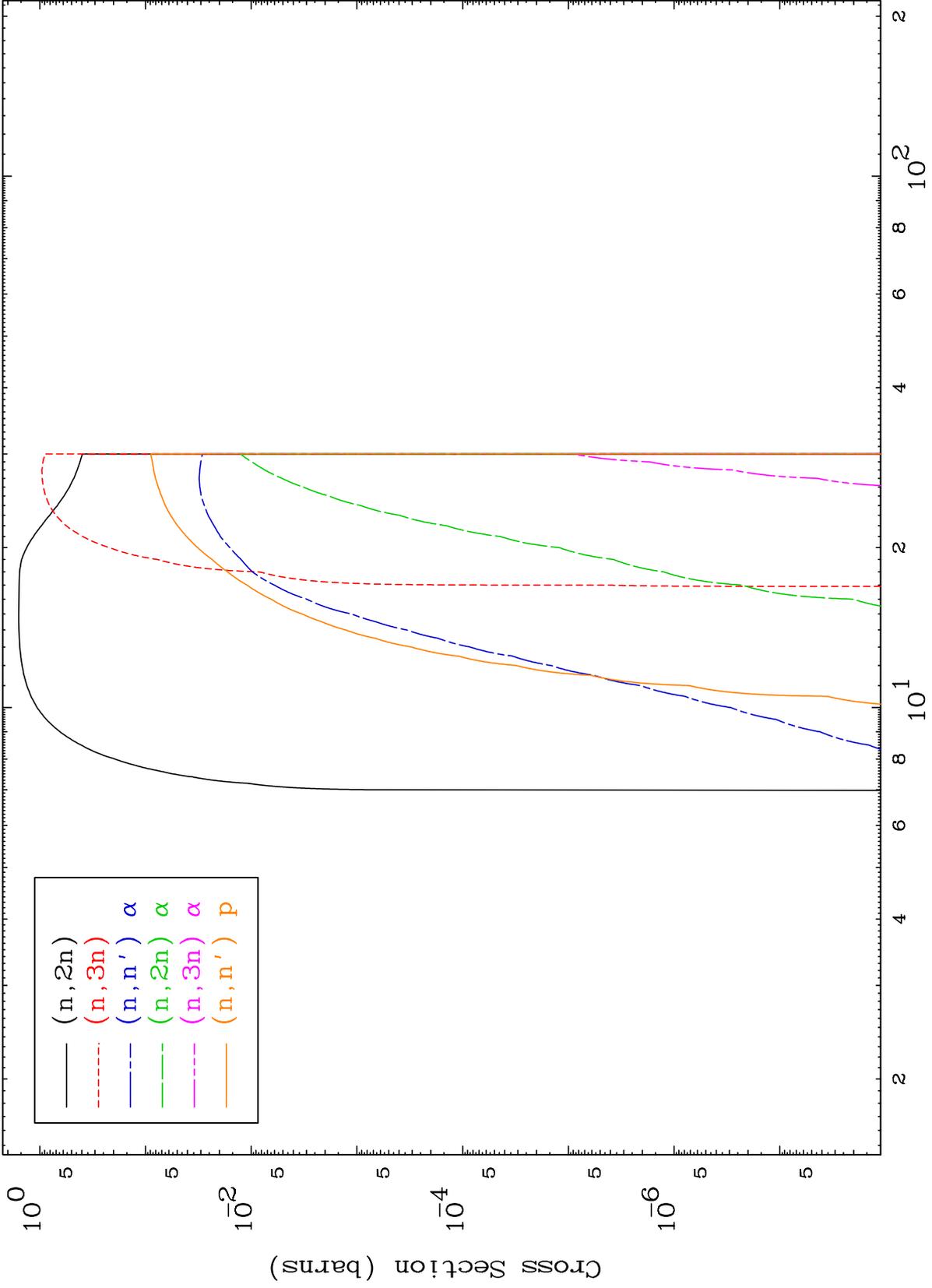
52-Te-123



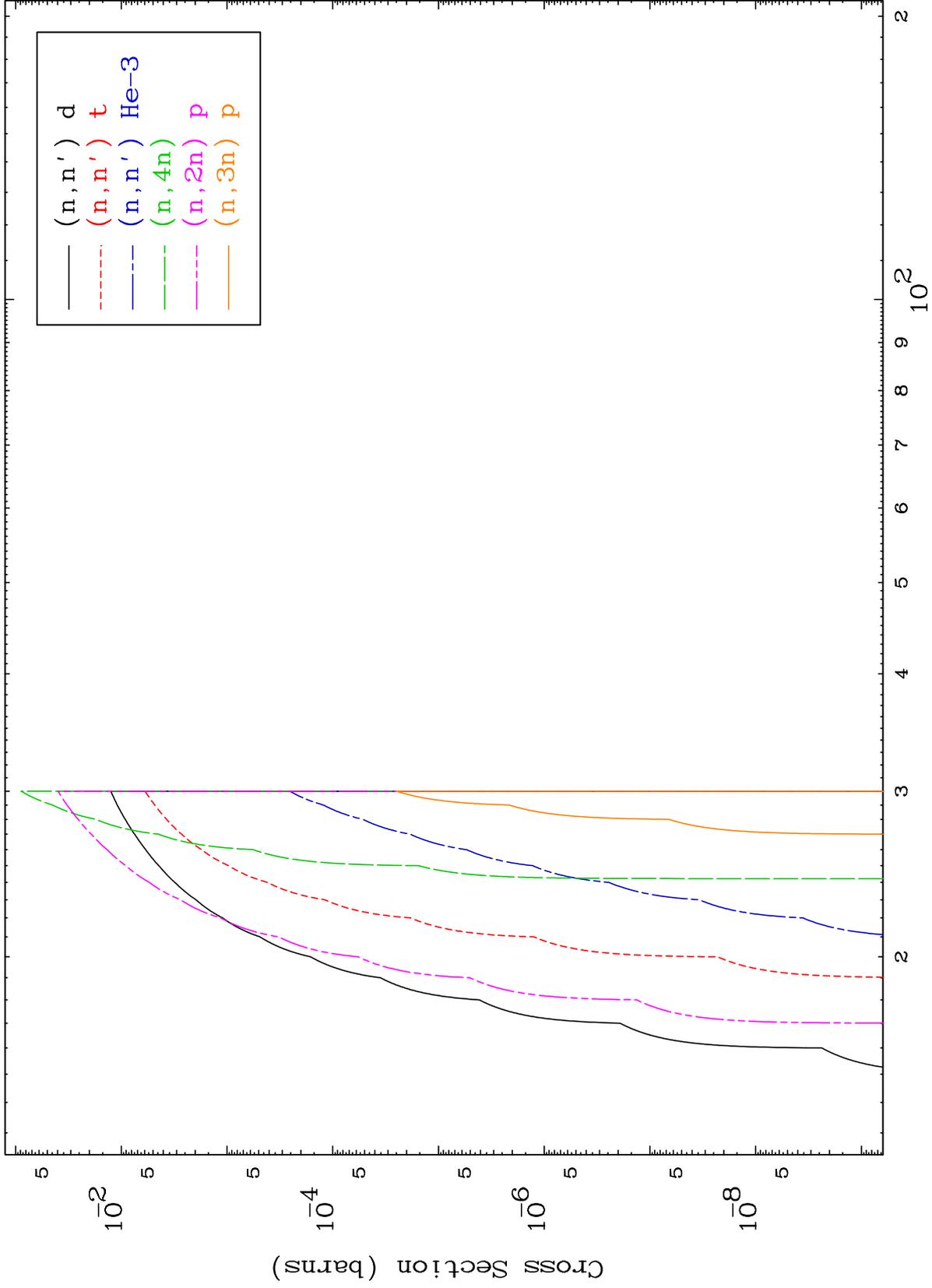
MAT 5234

Neutron Production  
293 Kelvin Cross Sections

52-Te-123



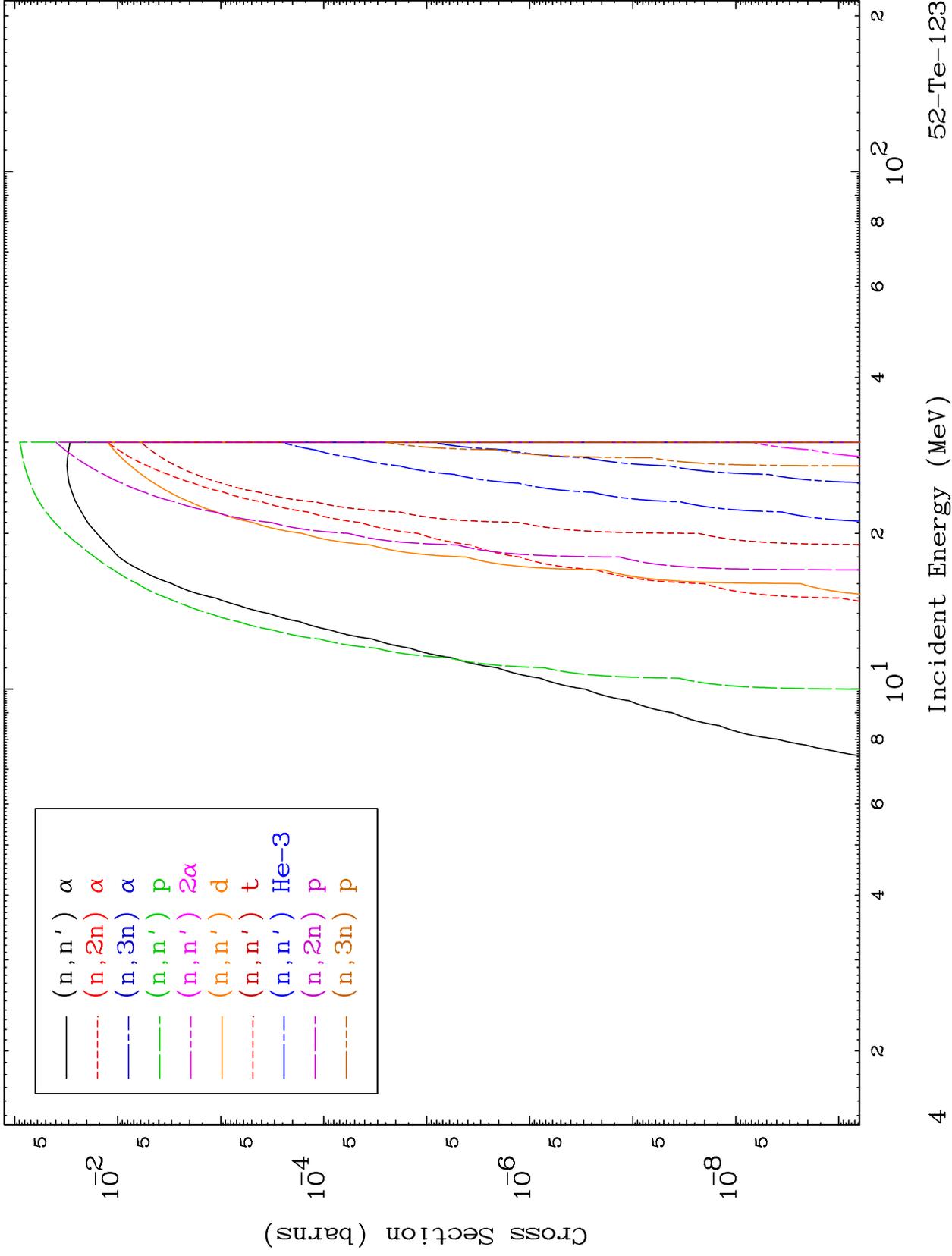
Neutron Production  
293 Kelvin Cross Sections



MAT 5234

Charged Particle  
293 Kelvin Cross Sections

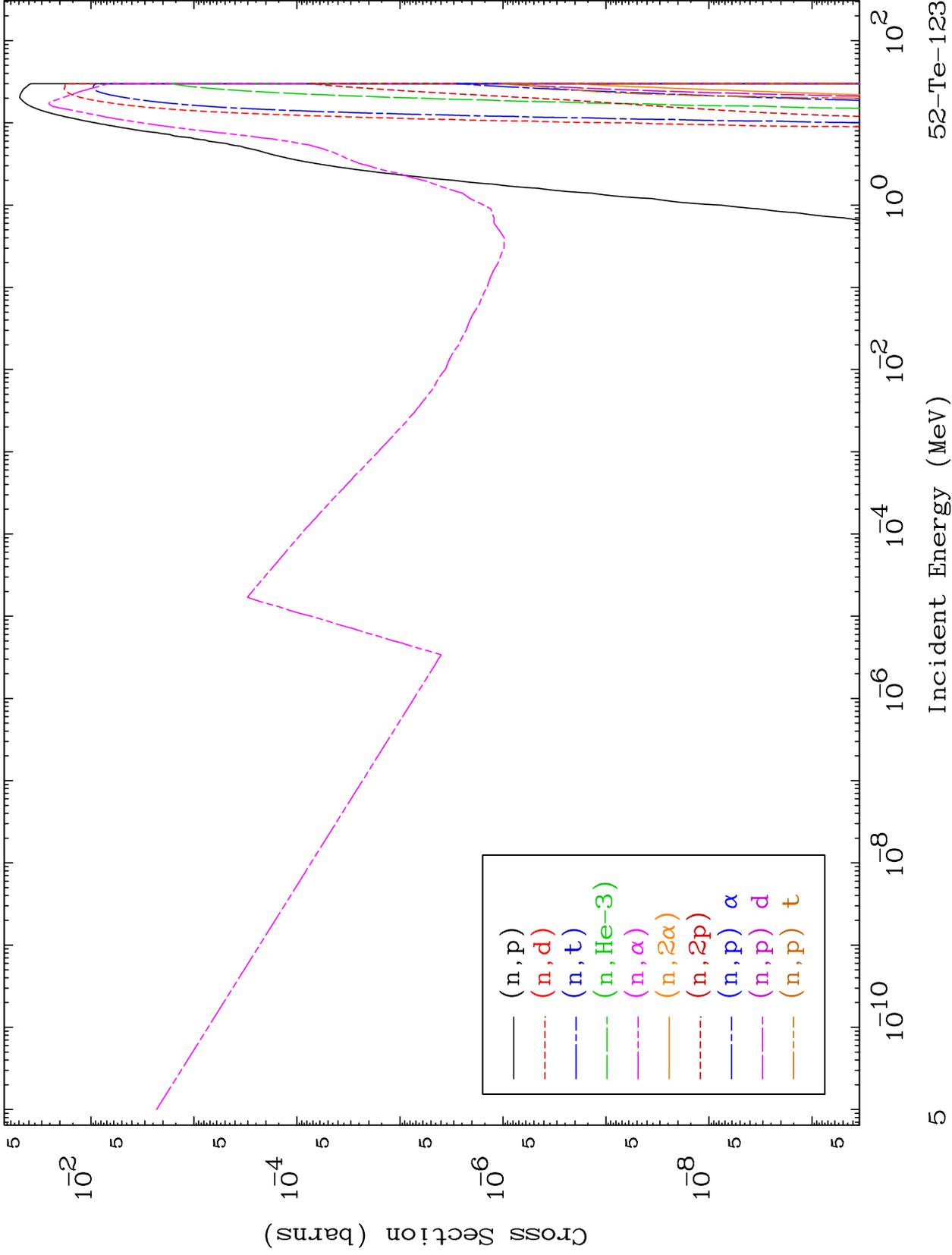
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MAT 5234

Charged Particle  
293 Kelvin Cross Sections

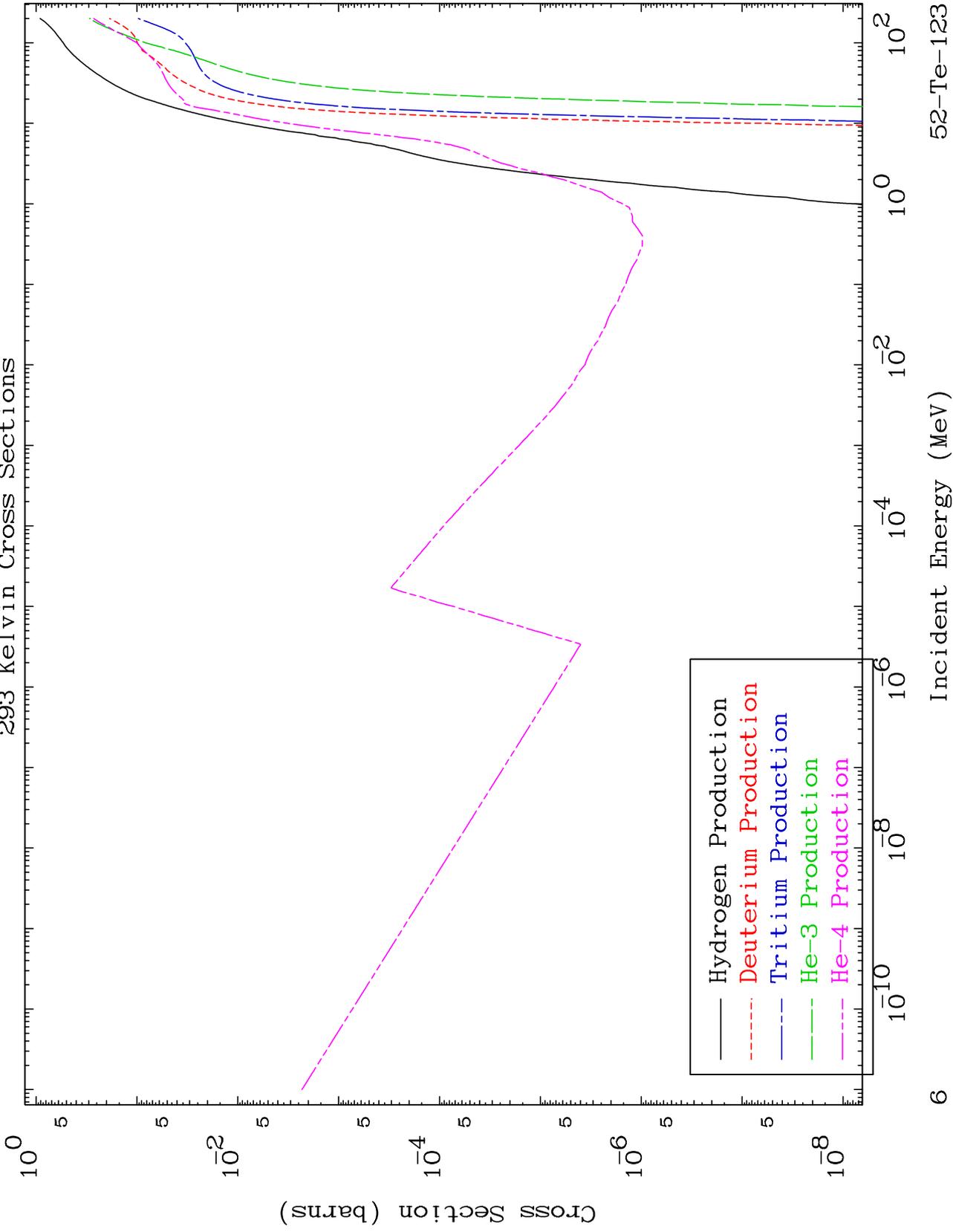
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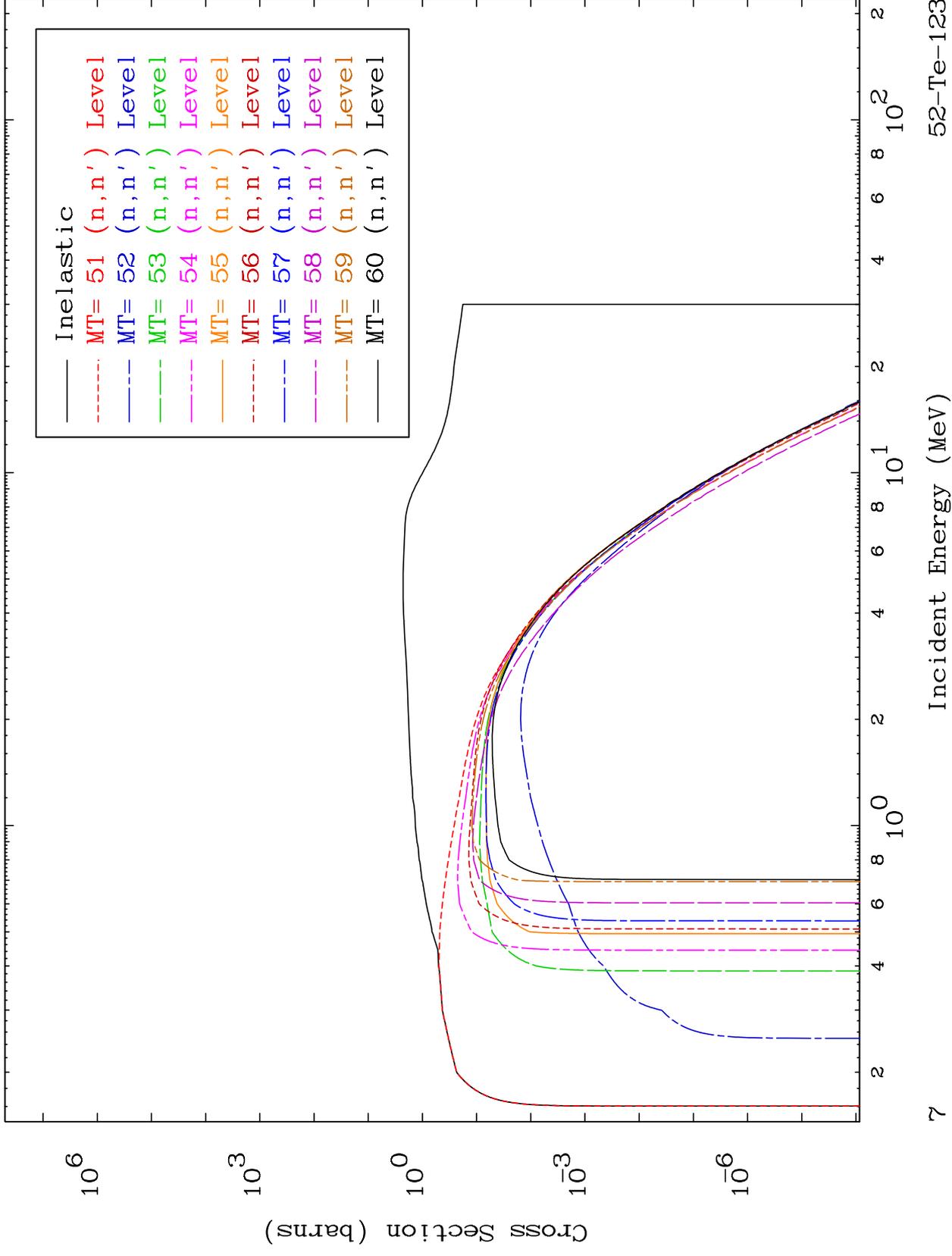
MAT 5234

Particle Production  
293 Kelvin Cross Sections

52-Te-123



293 Kelvin Cross Sections

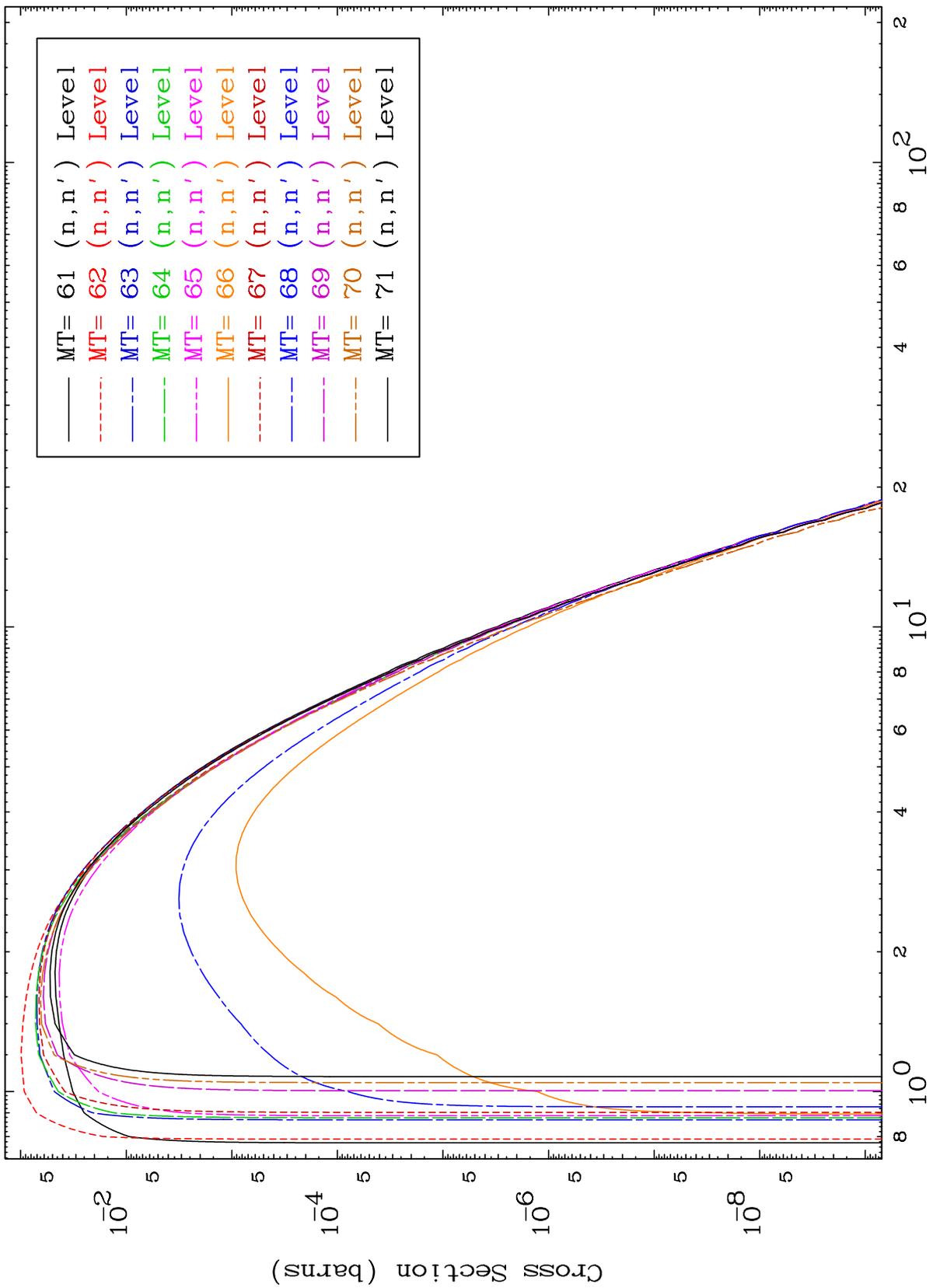


MAT 5234

(n,n') Level

52-Te-123

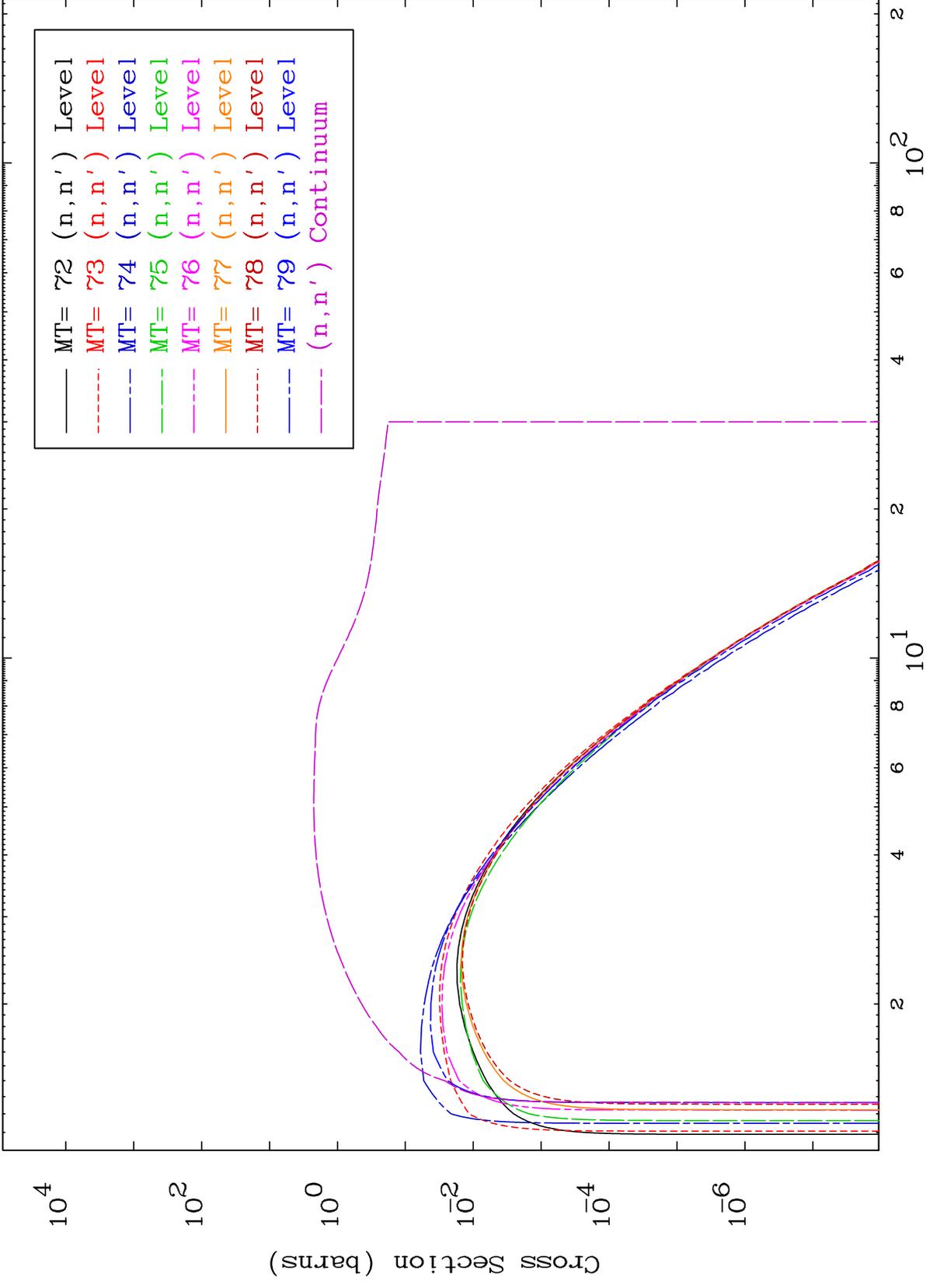
293 Kelvin Cross Sections



Incident Energy (MeV)

52-Te-123

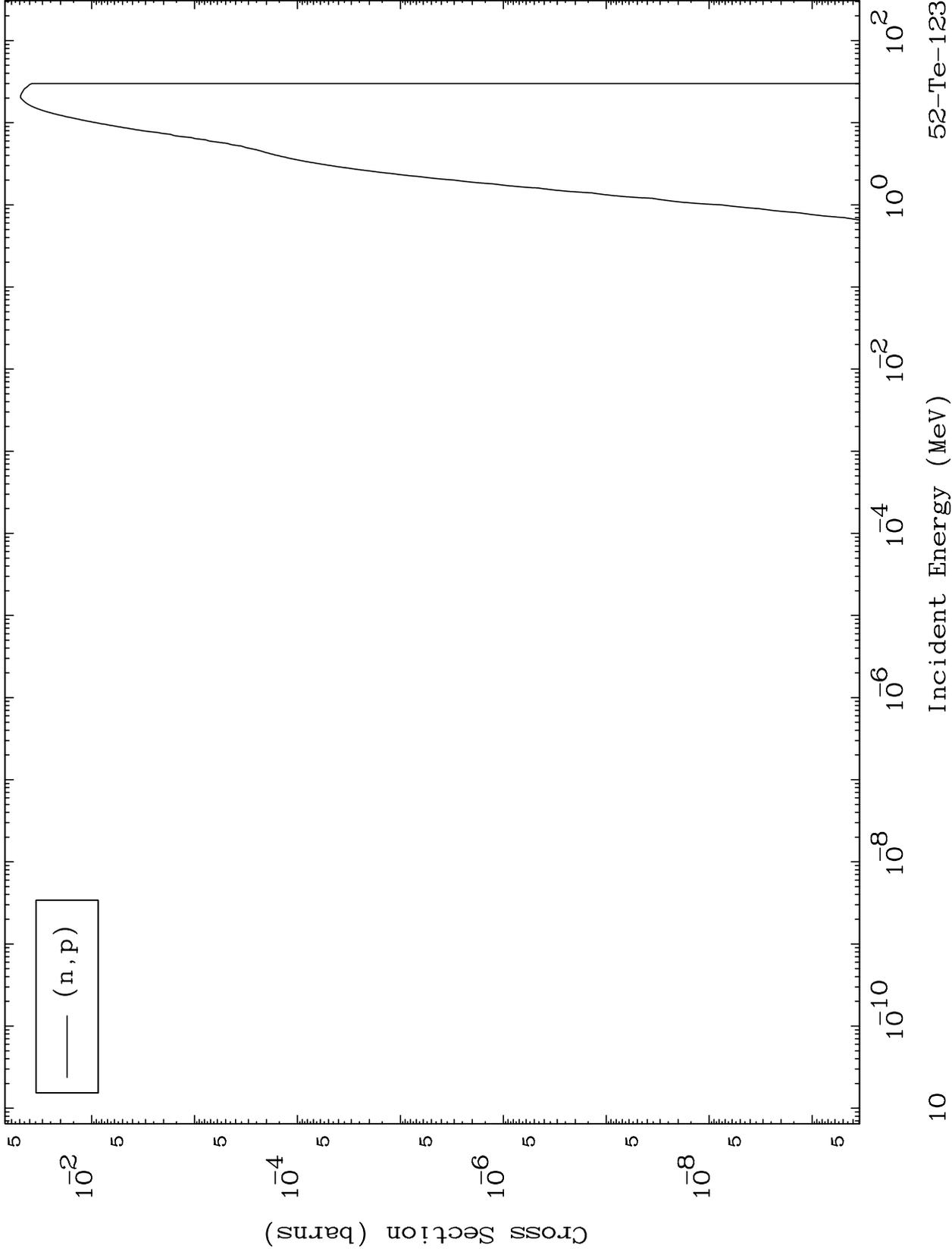
293 Kelvin Cross Sections



MAT 5234

(n,p) Levels  
293 Kelvin Cross Sections

52-Te-123



10

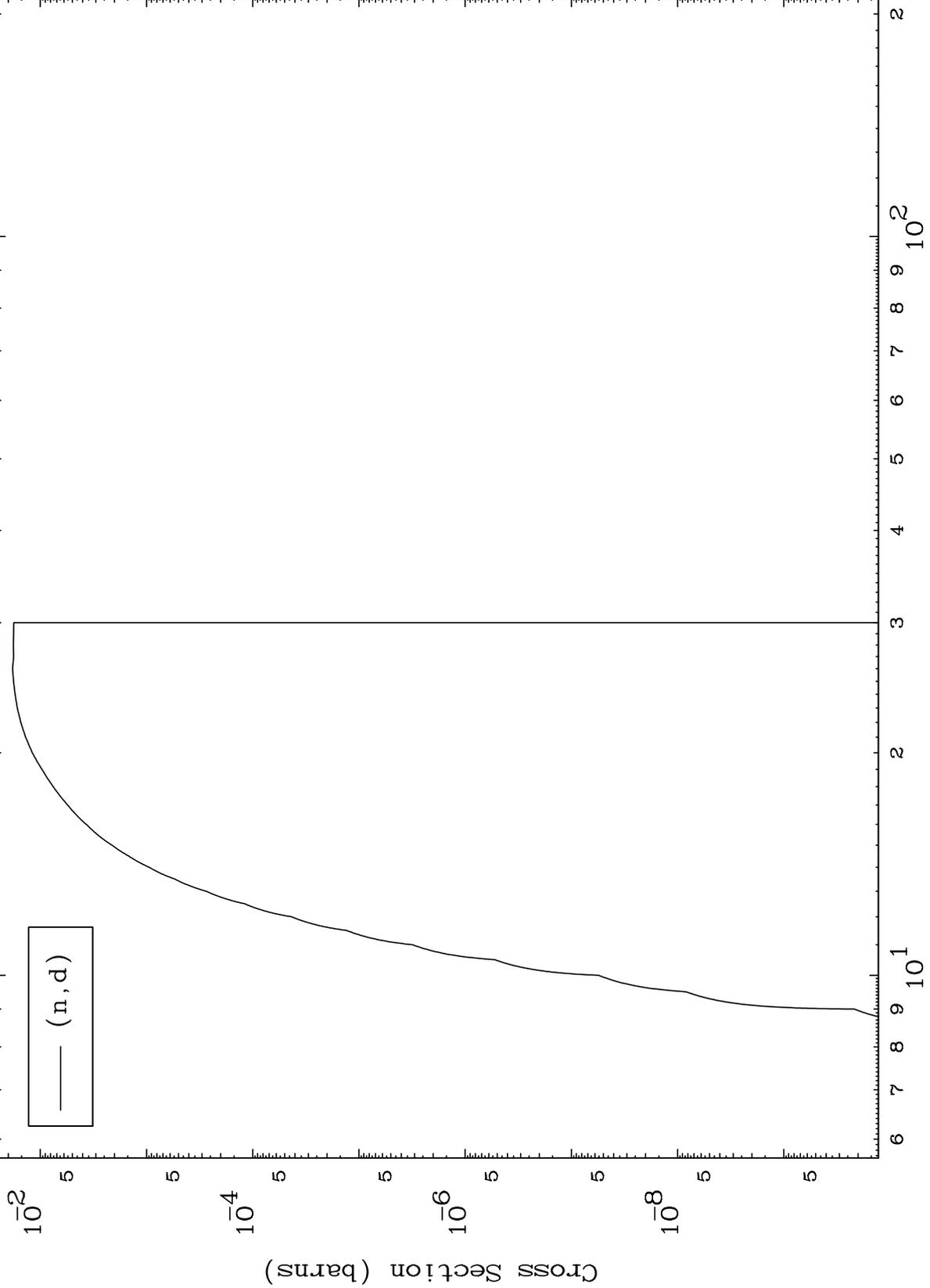
Incident Energy (MeV)

52-Te-123

MAT 5234

(n,d) Levels  
293 Kelvin Cross Sections

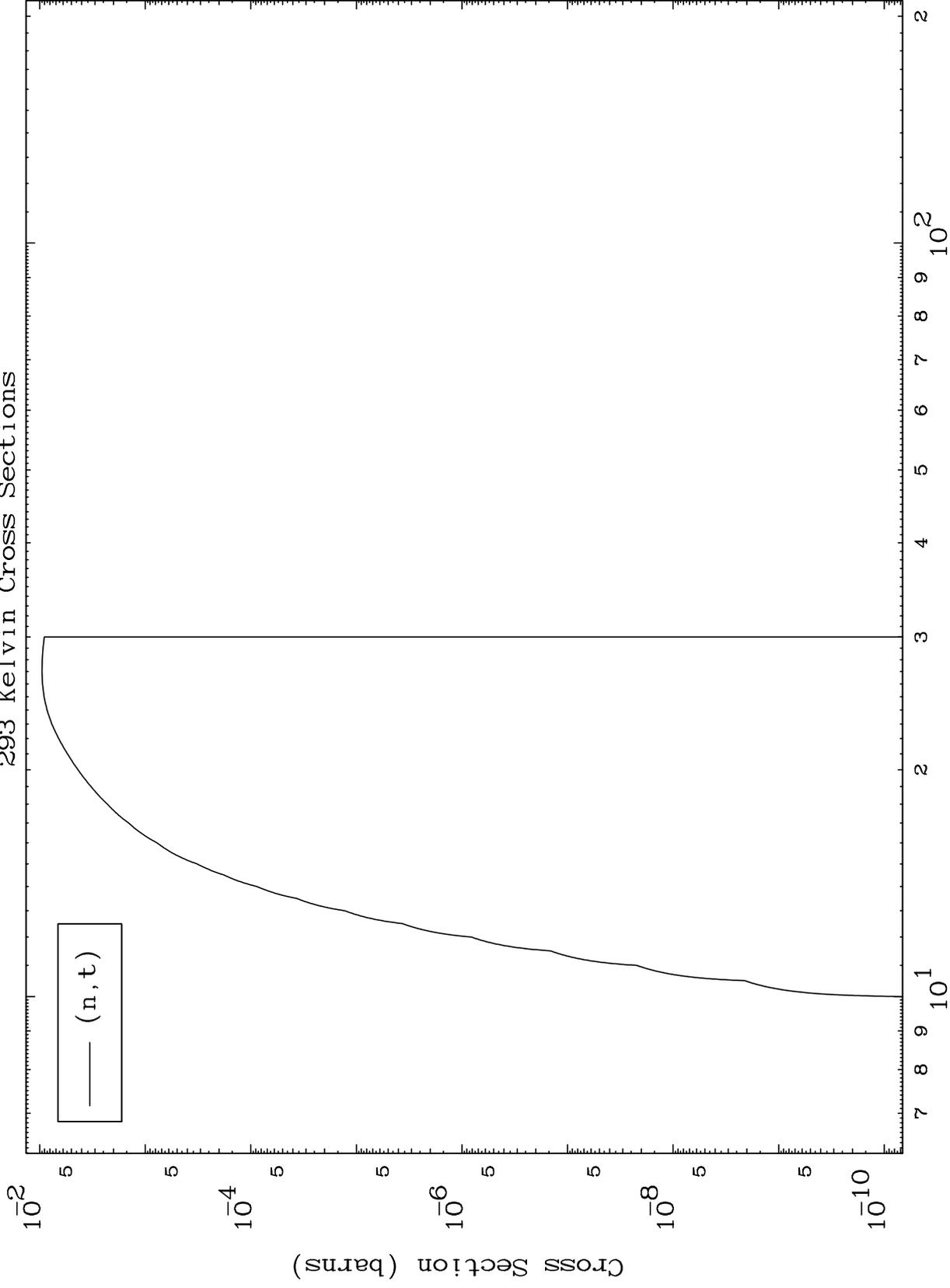
52-Te-123



MAT 5234

(n,t) Levels  
293 Kelvin Cross Sections

52-Te-123



12

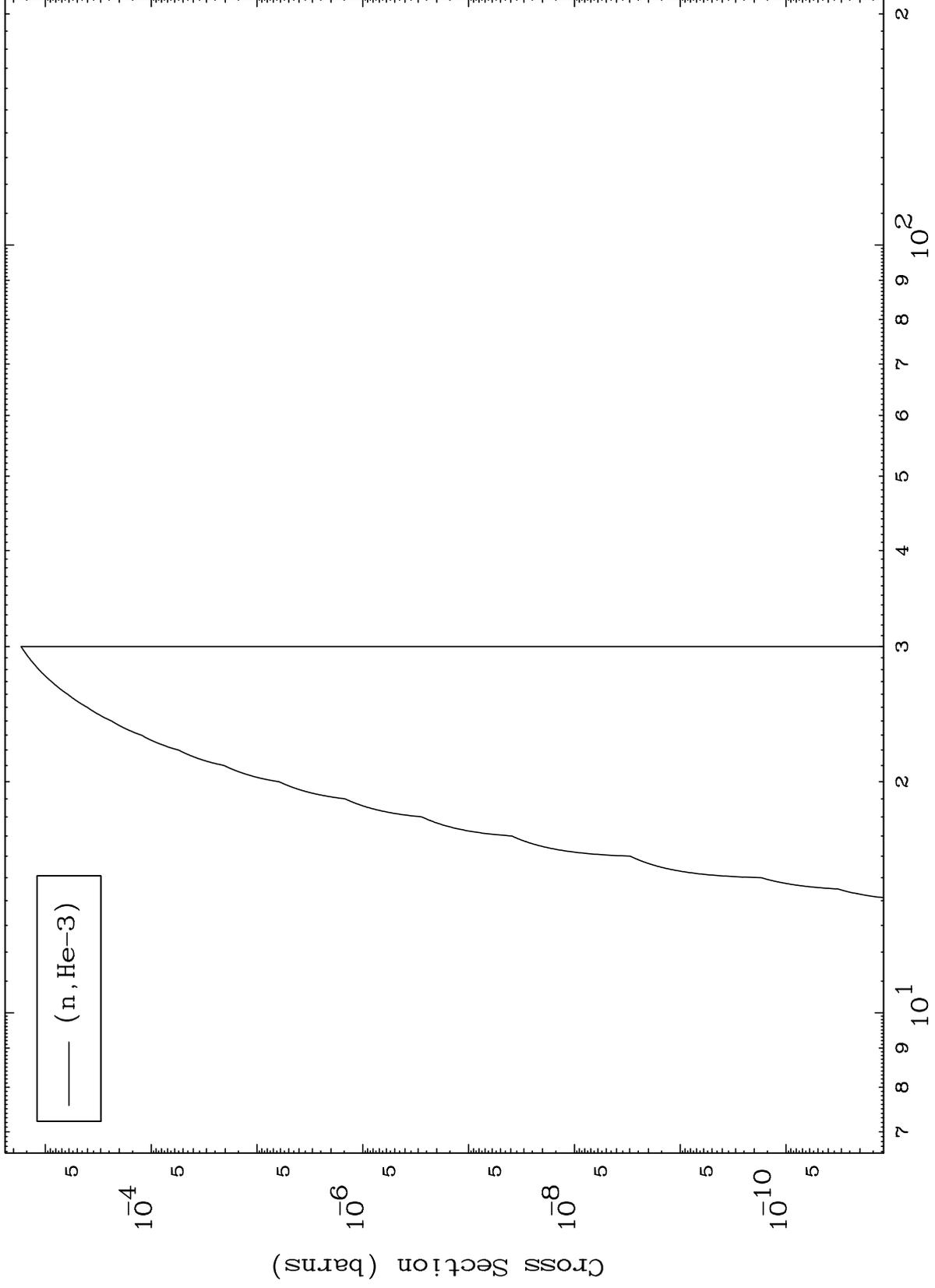
Incident Energy (MeV)

52-Te-123

MAT 5234

(n,He3) Levels  
293 Kelvin Cross Sections

52-Te-123



13

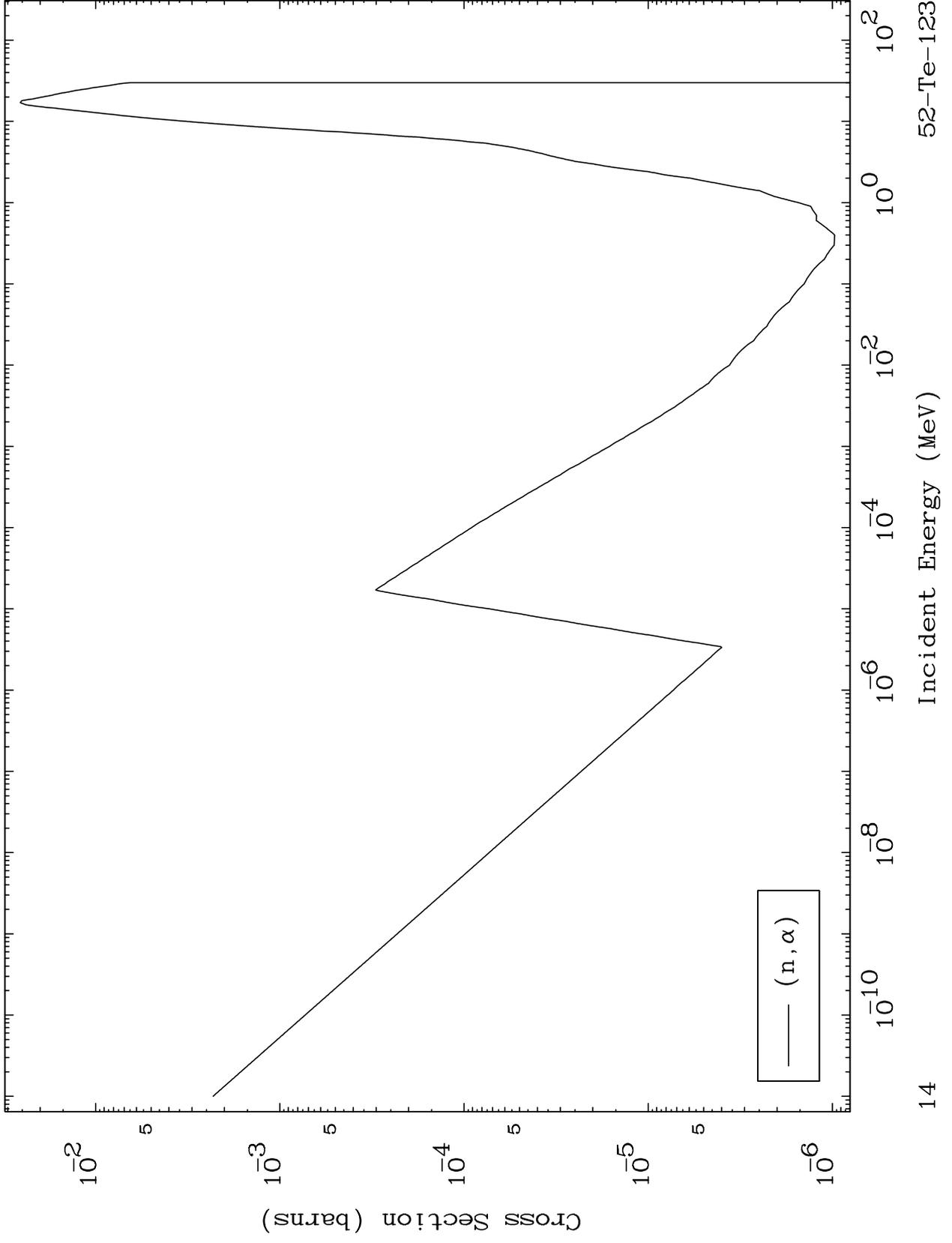
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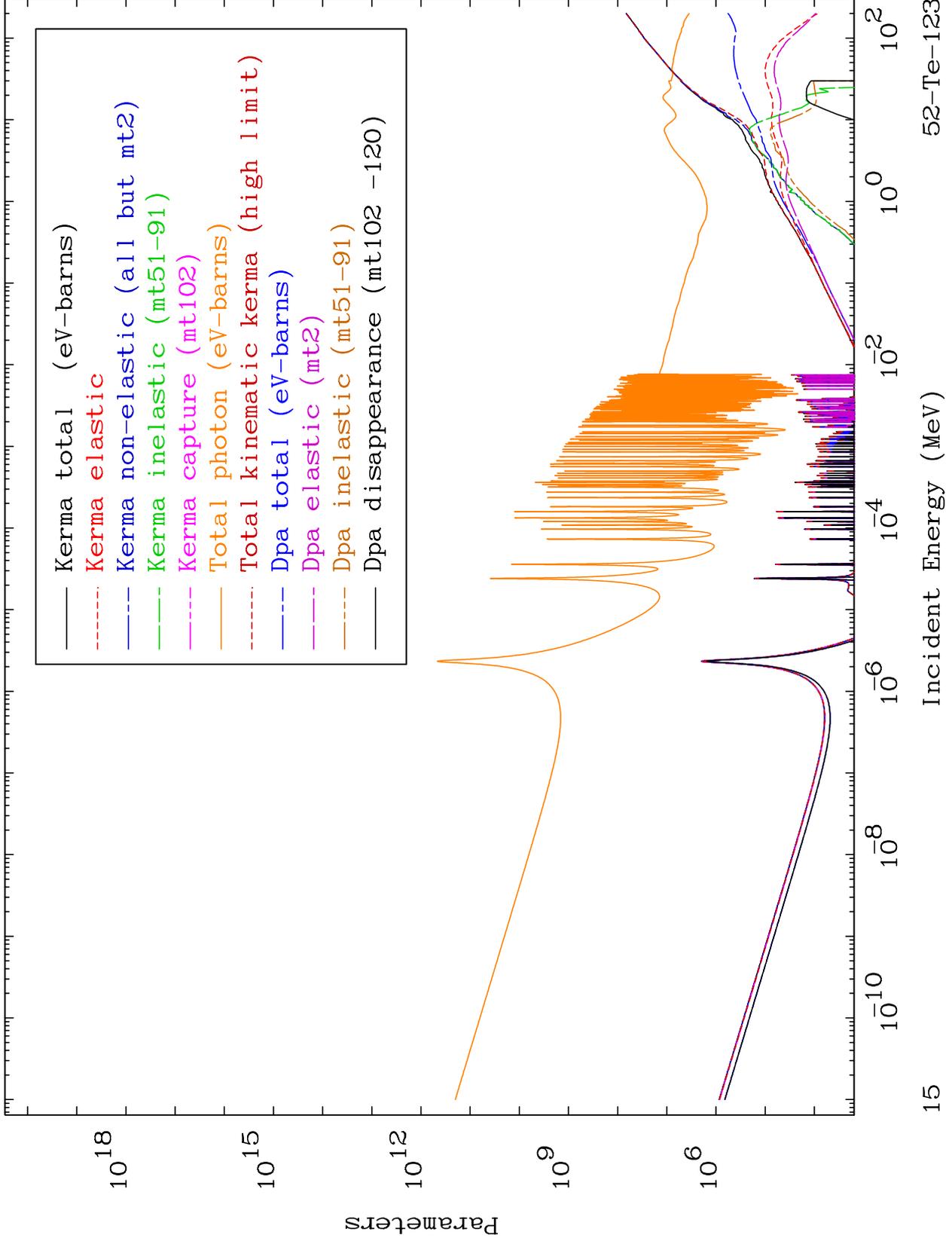
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MAT 5234

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

52-Te-123

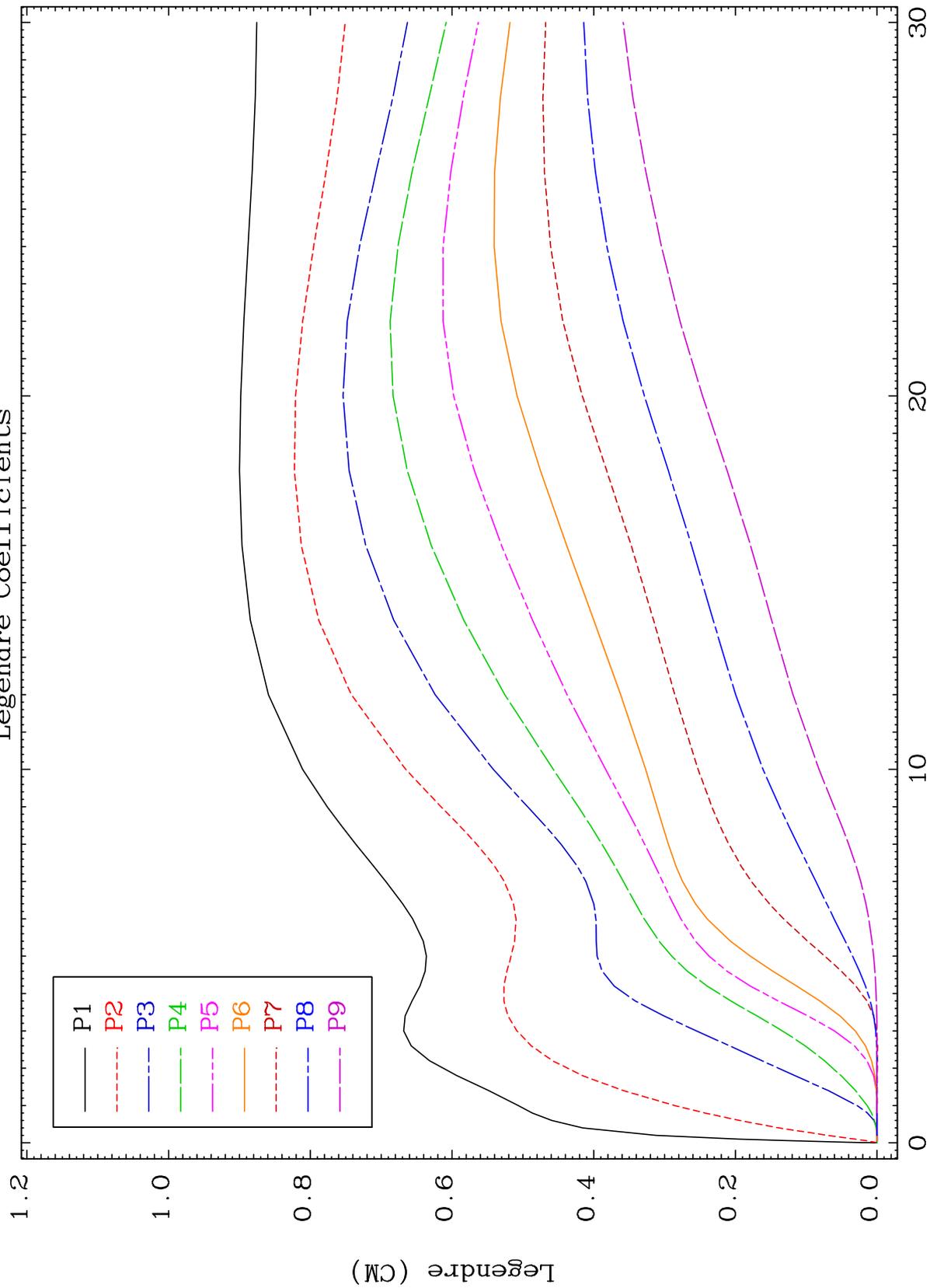




MAT 5234

Elastic Legendre Coefficients

52-Te-123



16

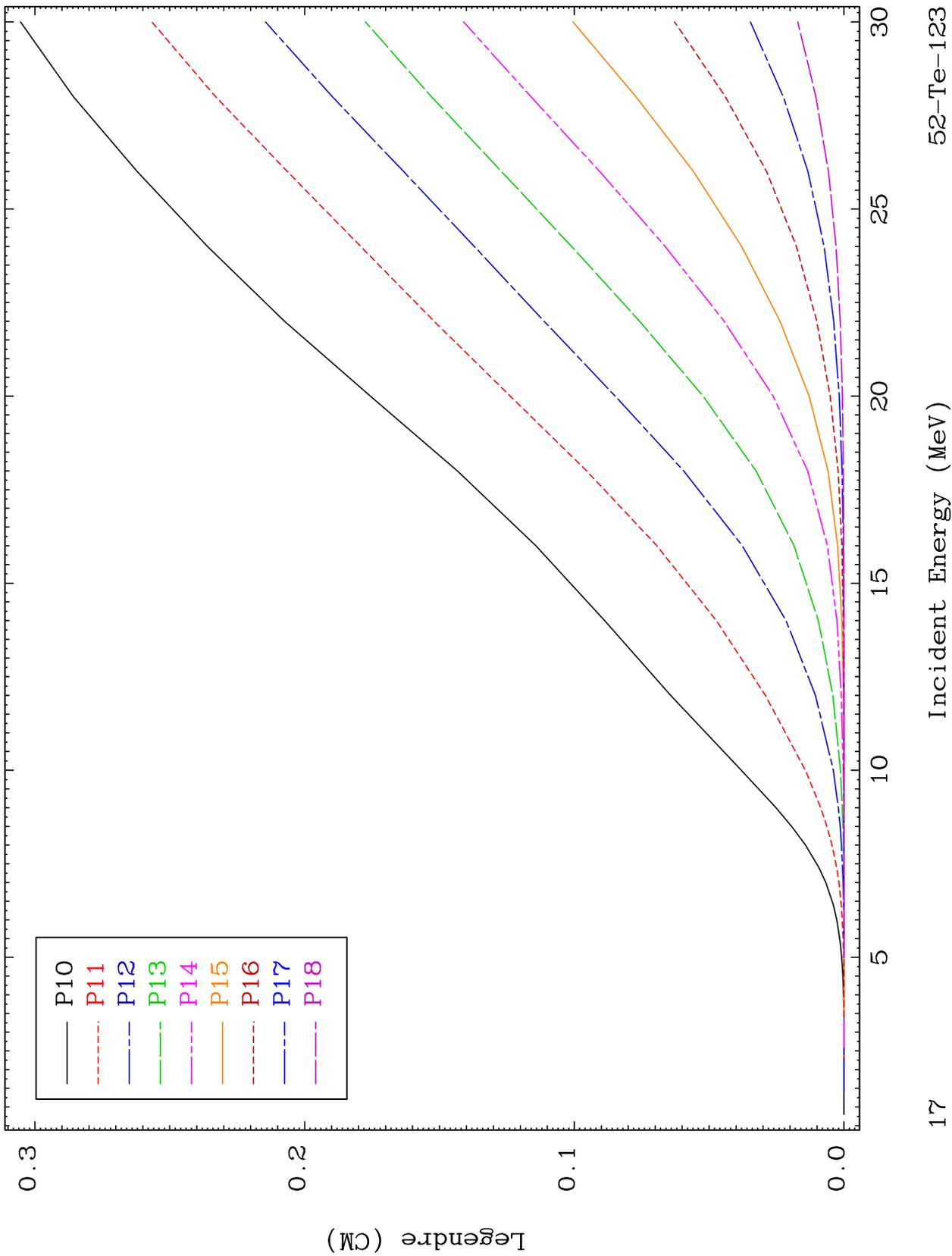
Incident Energy (MeV)

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MAT 5234

Elastic Legendre Coefficients

52-Te-123



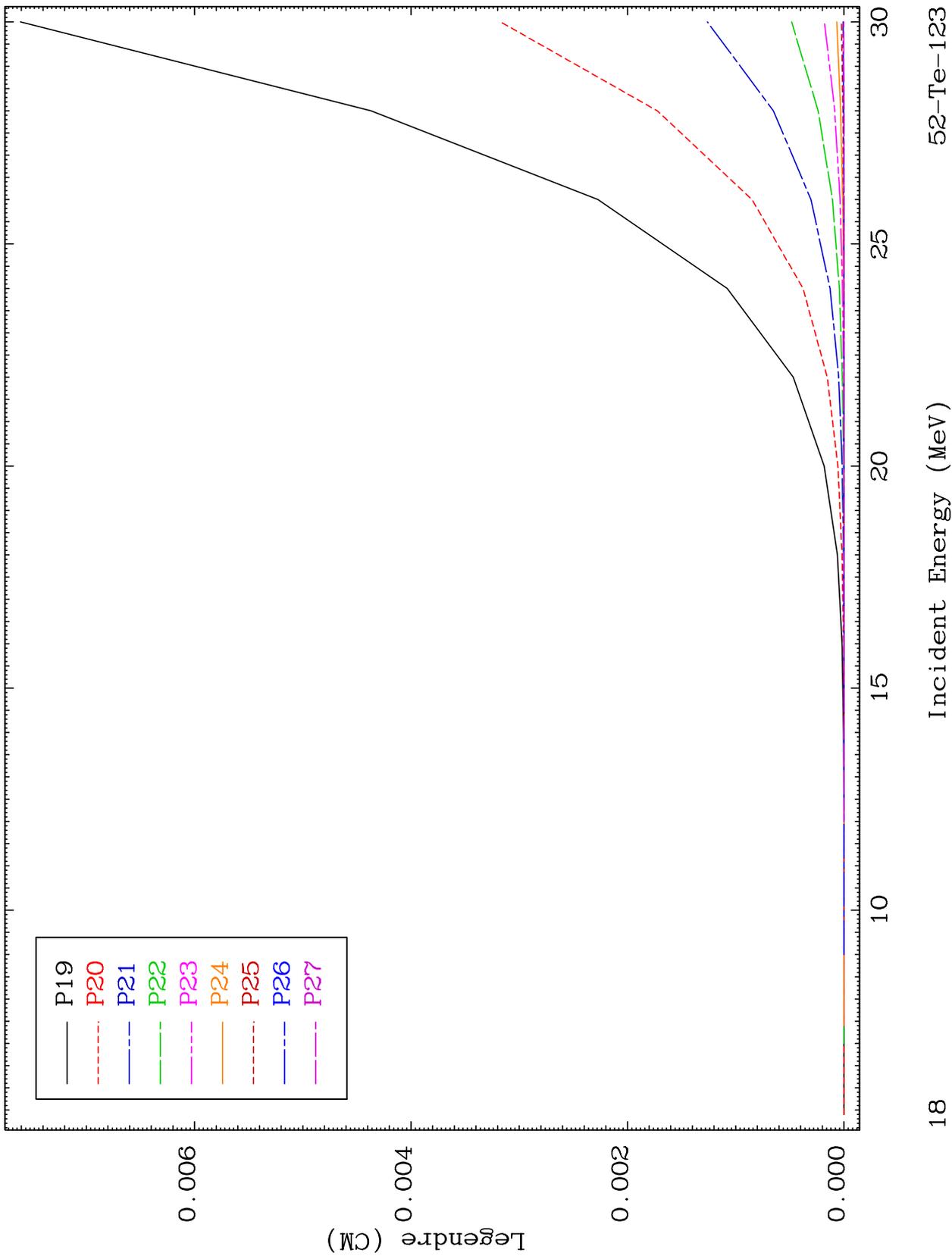
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52-Te-123

MAT 5234

### Elastic Legendre Coefficients

52-Te-123

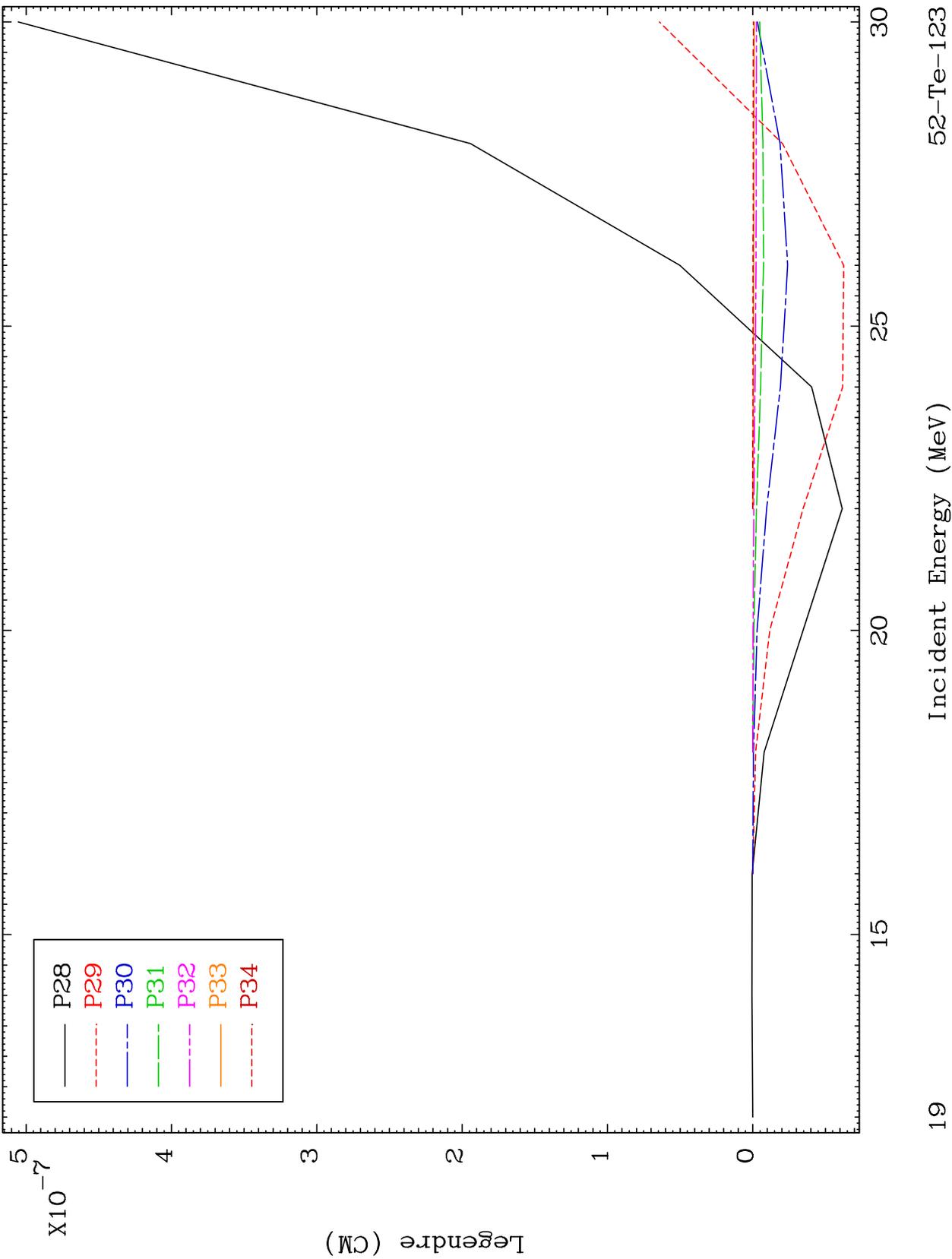


- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

MAT 5234

Elastic Legendre Coefficients

52-Te-123



19

Incident Energy (MeV)

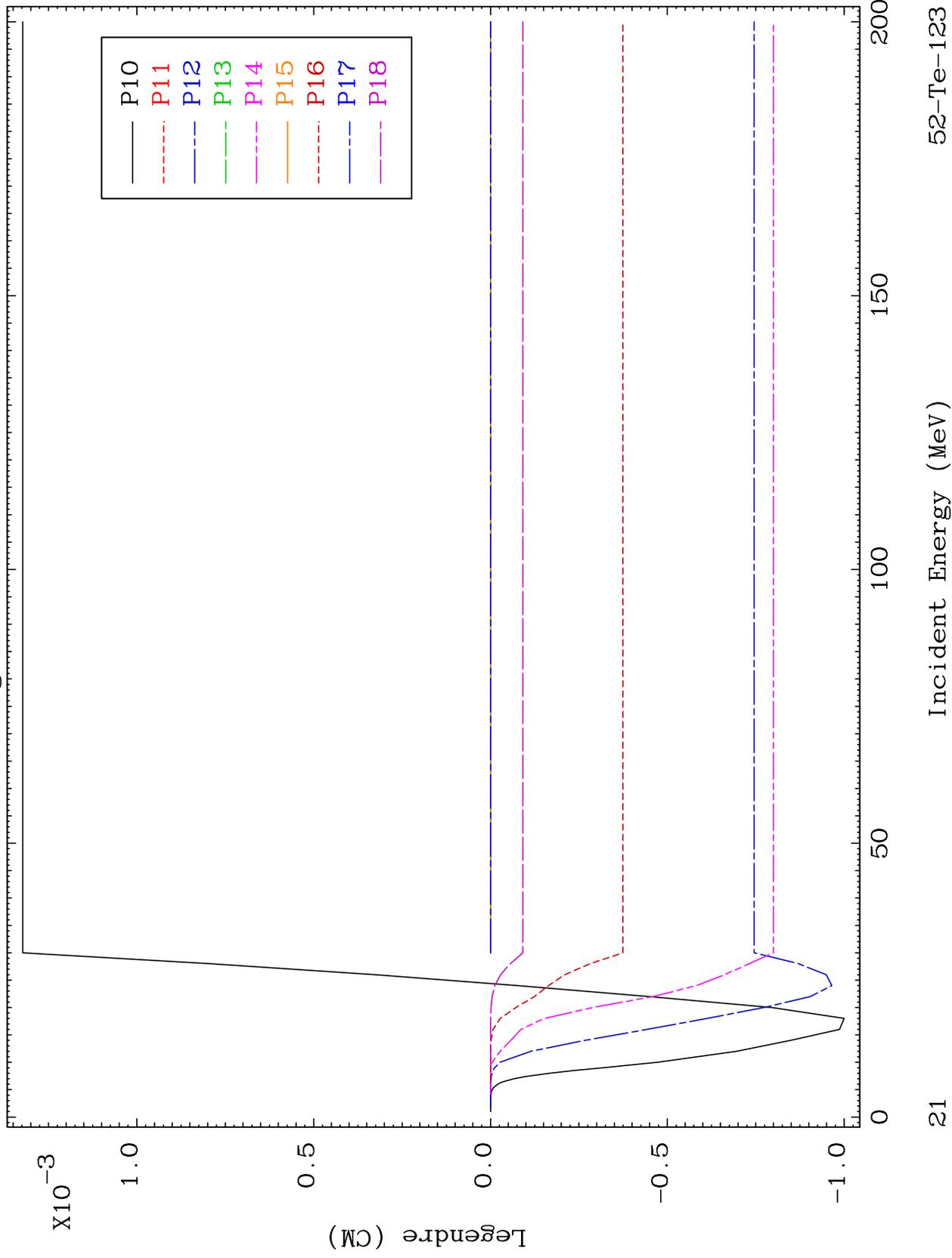
52-Te-123



MAT 5234

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

52-Te-123



21

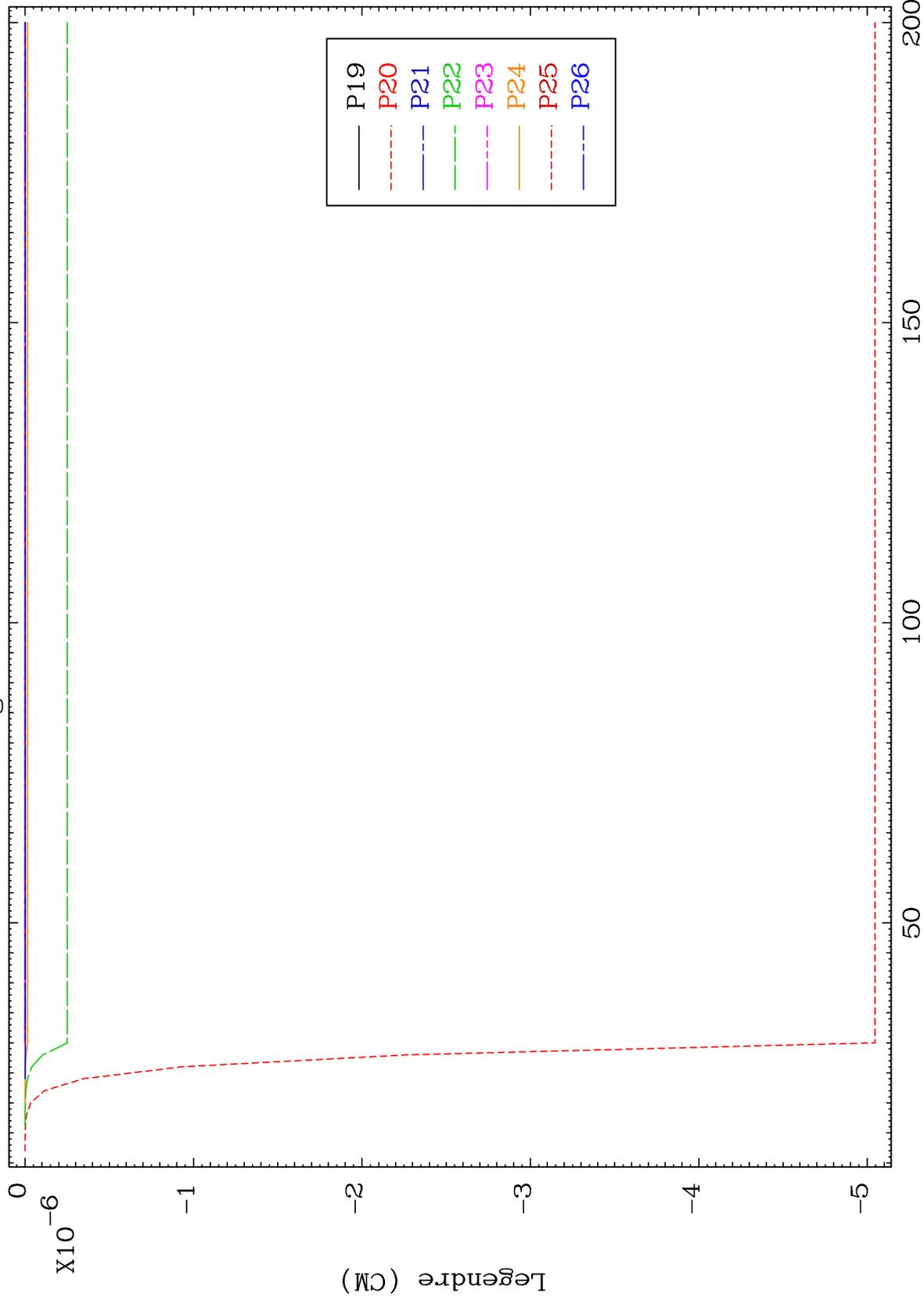
Incident Energy (MeV)

52-Te-123

MAT 5234

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

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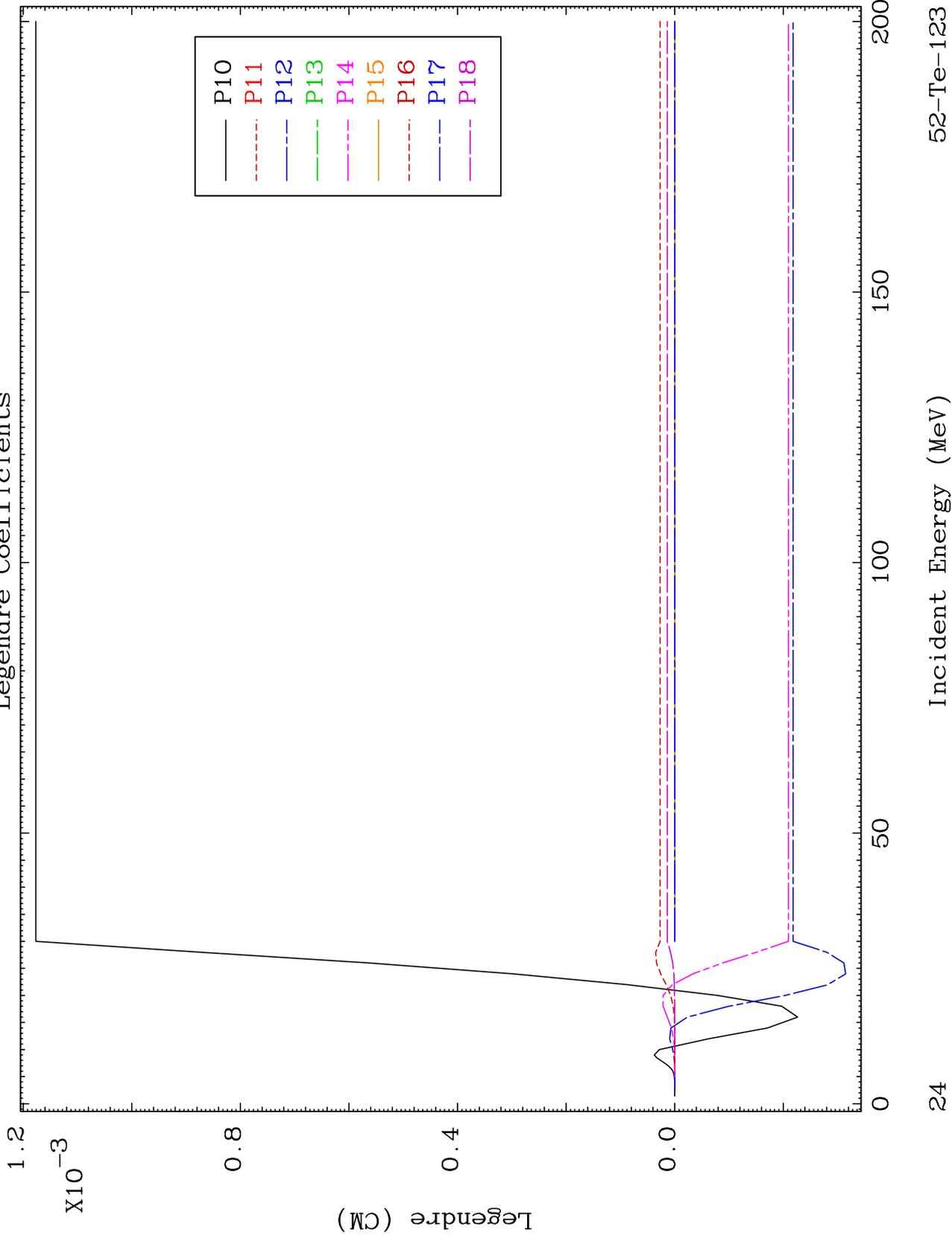




MAT 5234

MT= 52 (n,n') Level  
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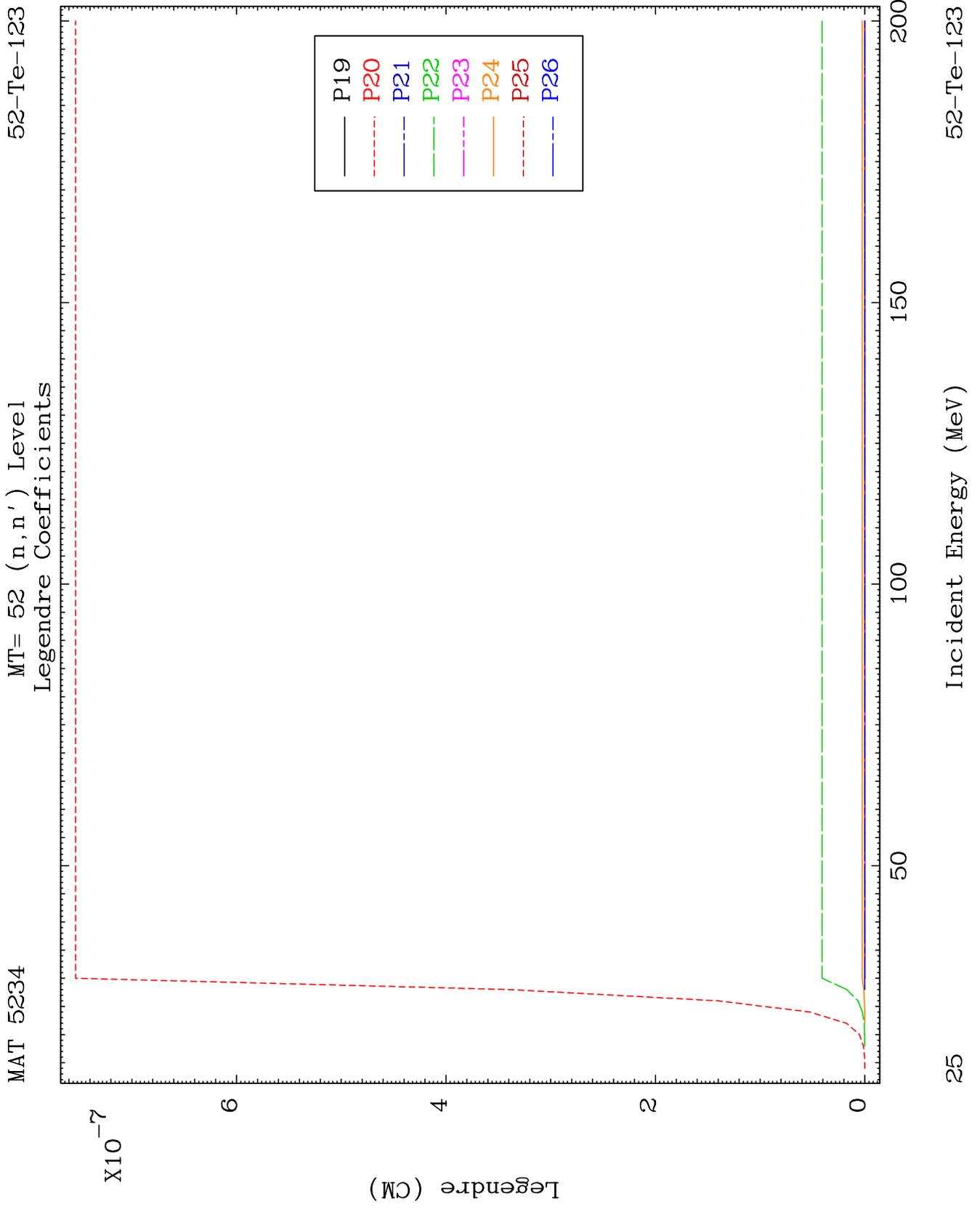
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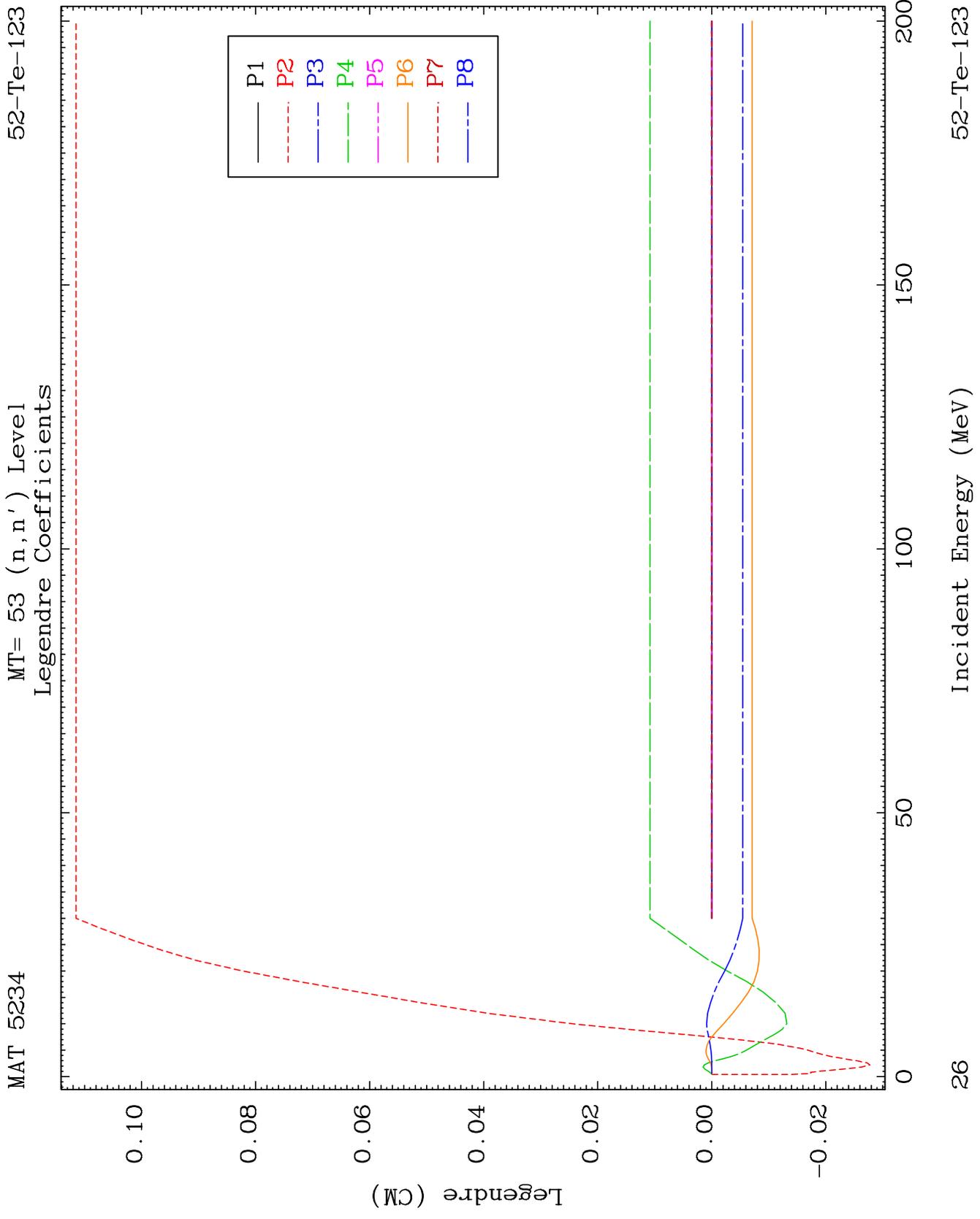


52-Te-123

Incident Energy (MeV)

24

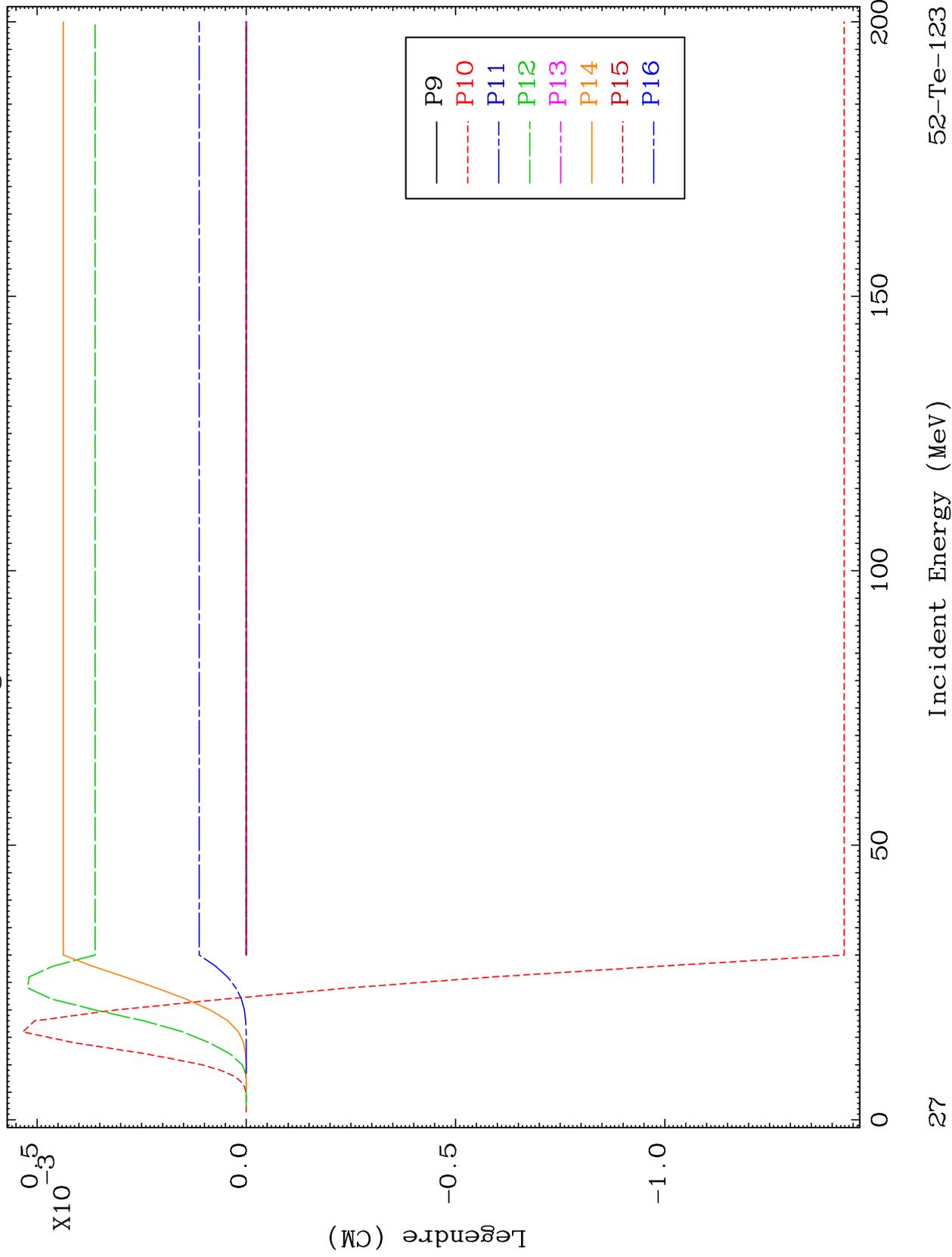




MAT 5234

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

52-Te-123



27

Incident Energy (MeV)

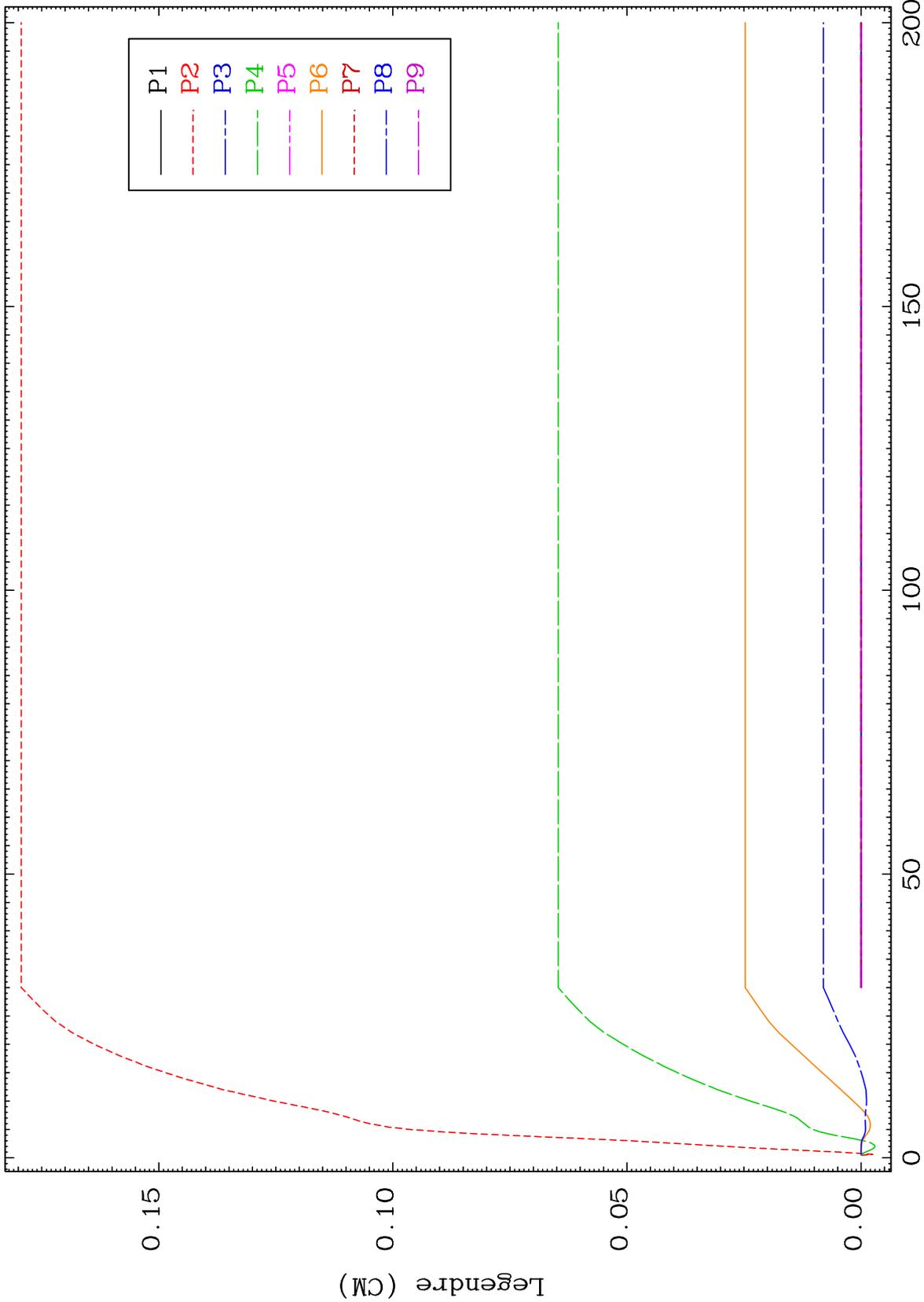
52-Te-123



MAT 5234

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

52-Te-123



29

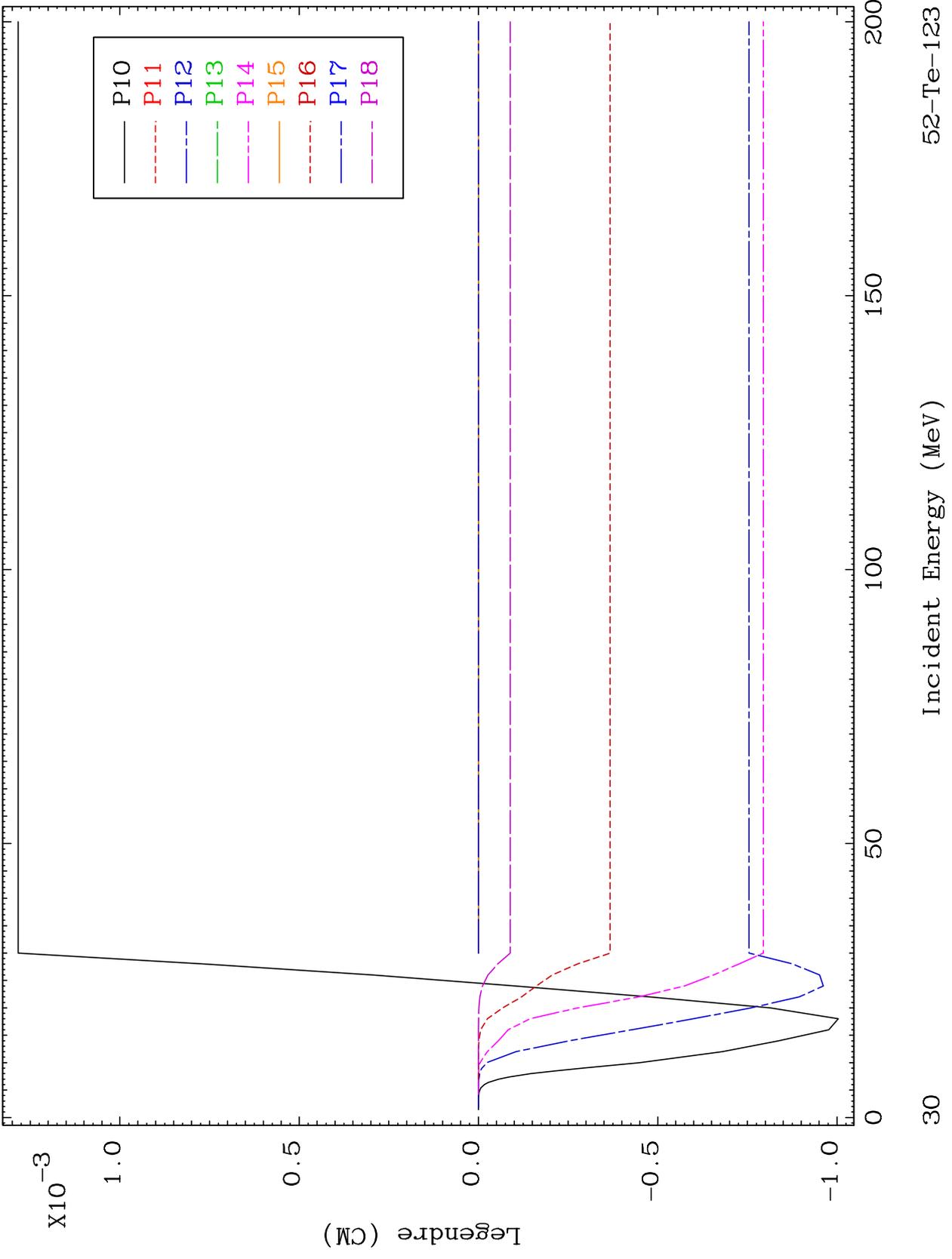
Incident Energy (MeV)

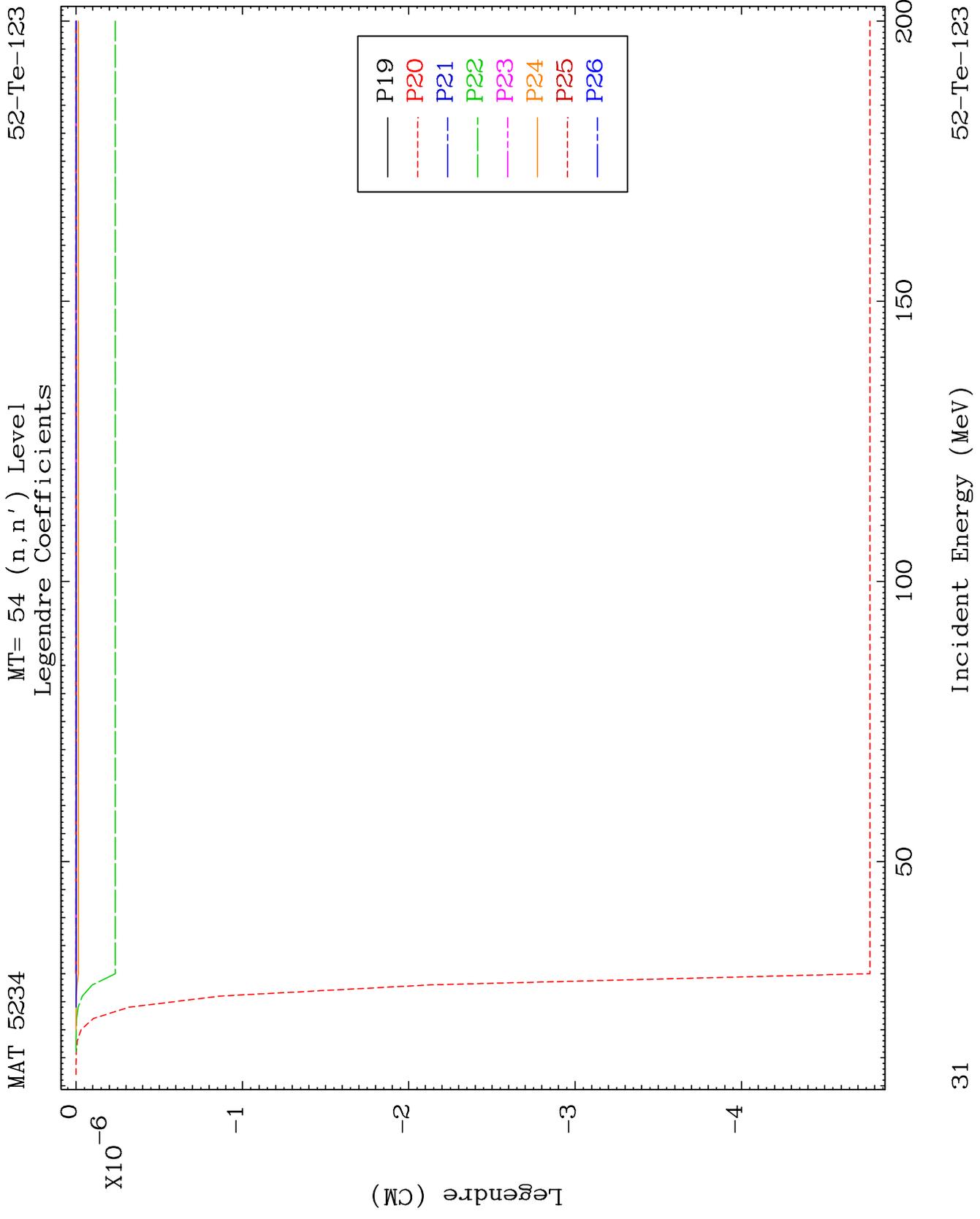
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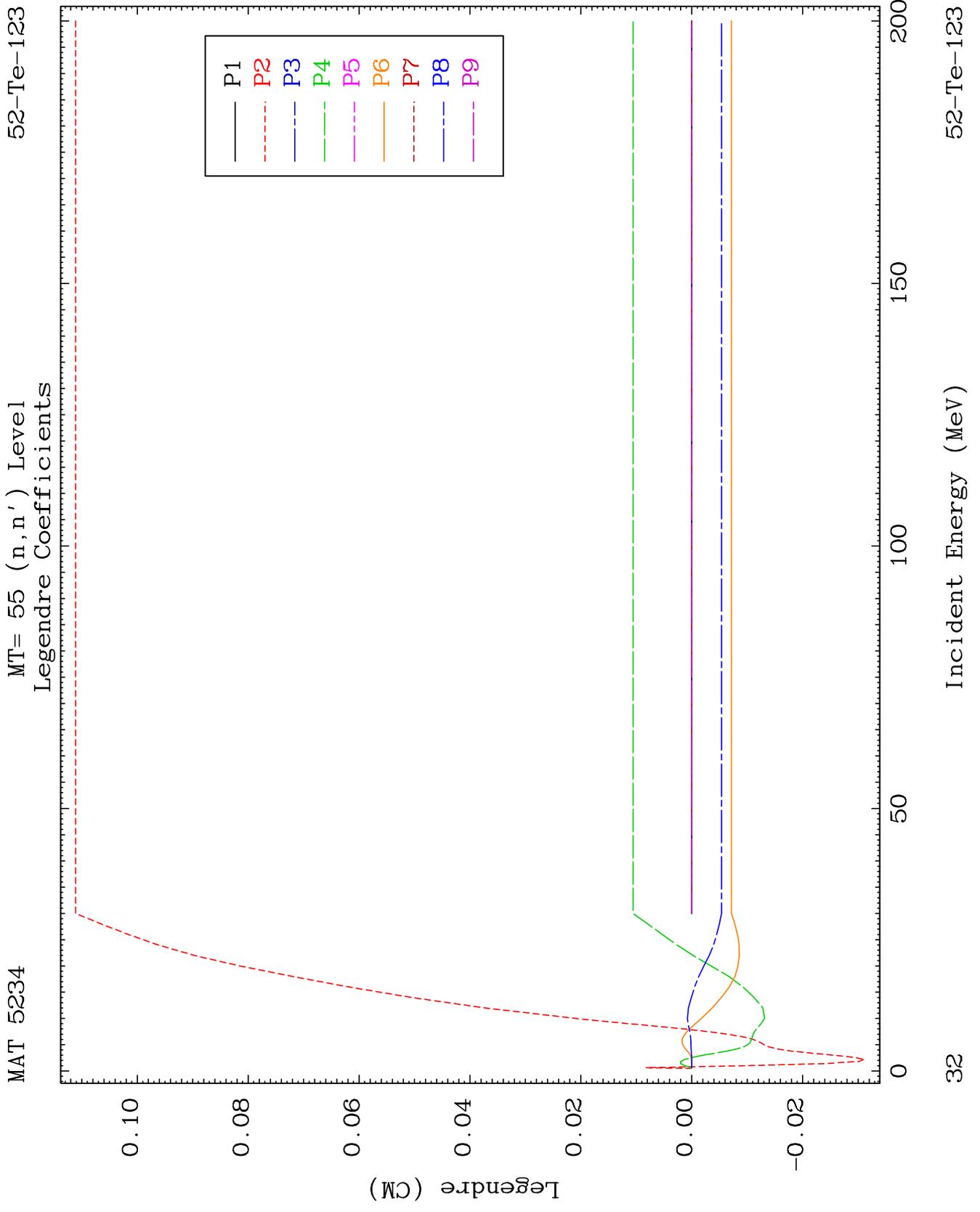
MAT 5234

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

52-Te-123



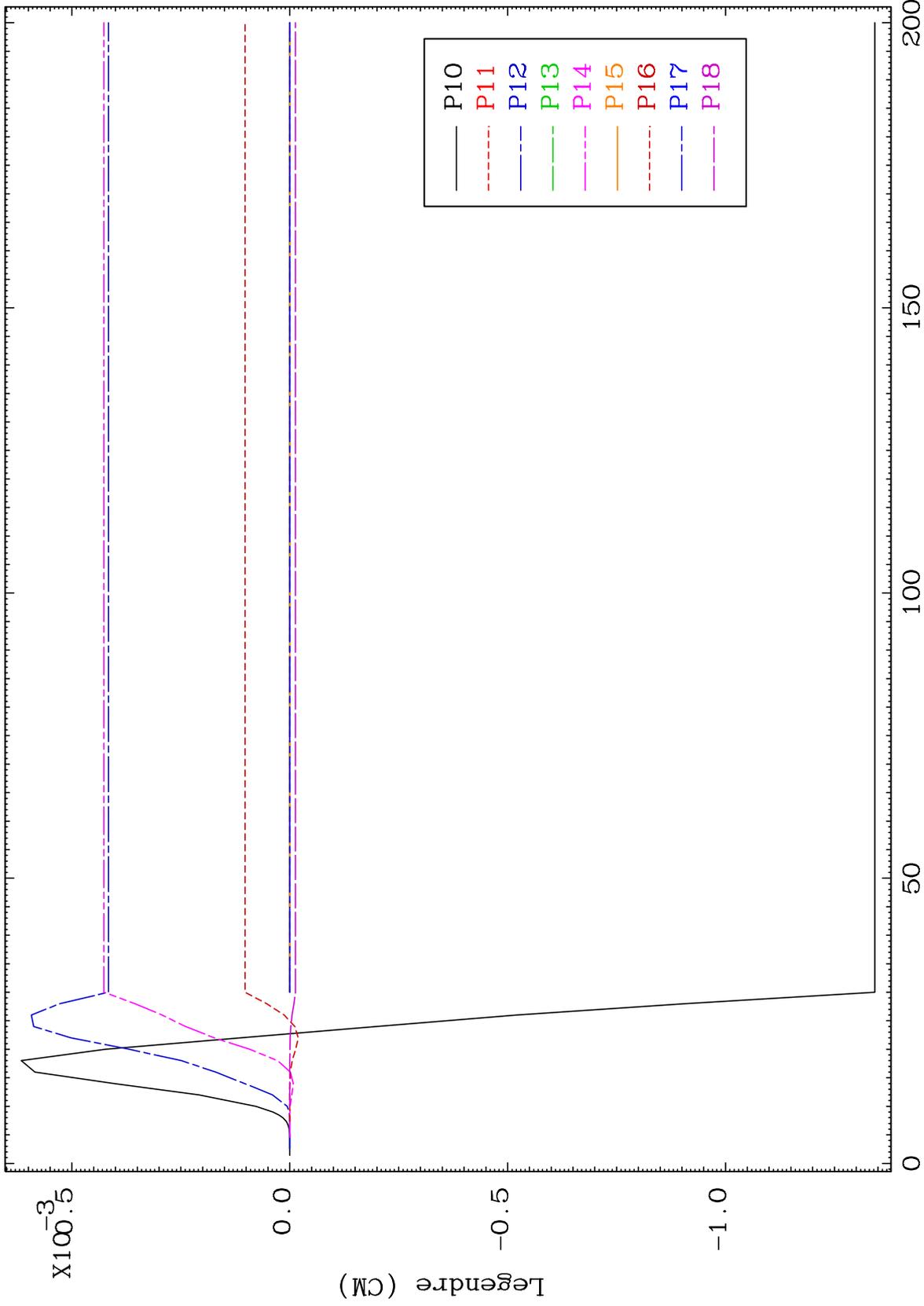




MAT 5234

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

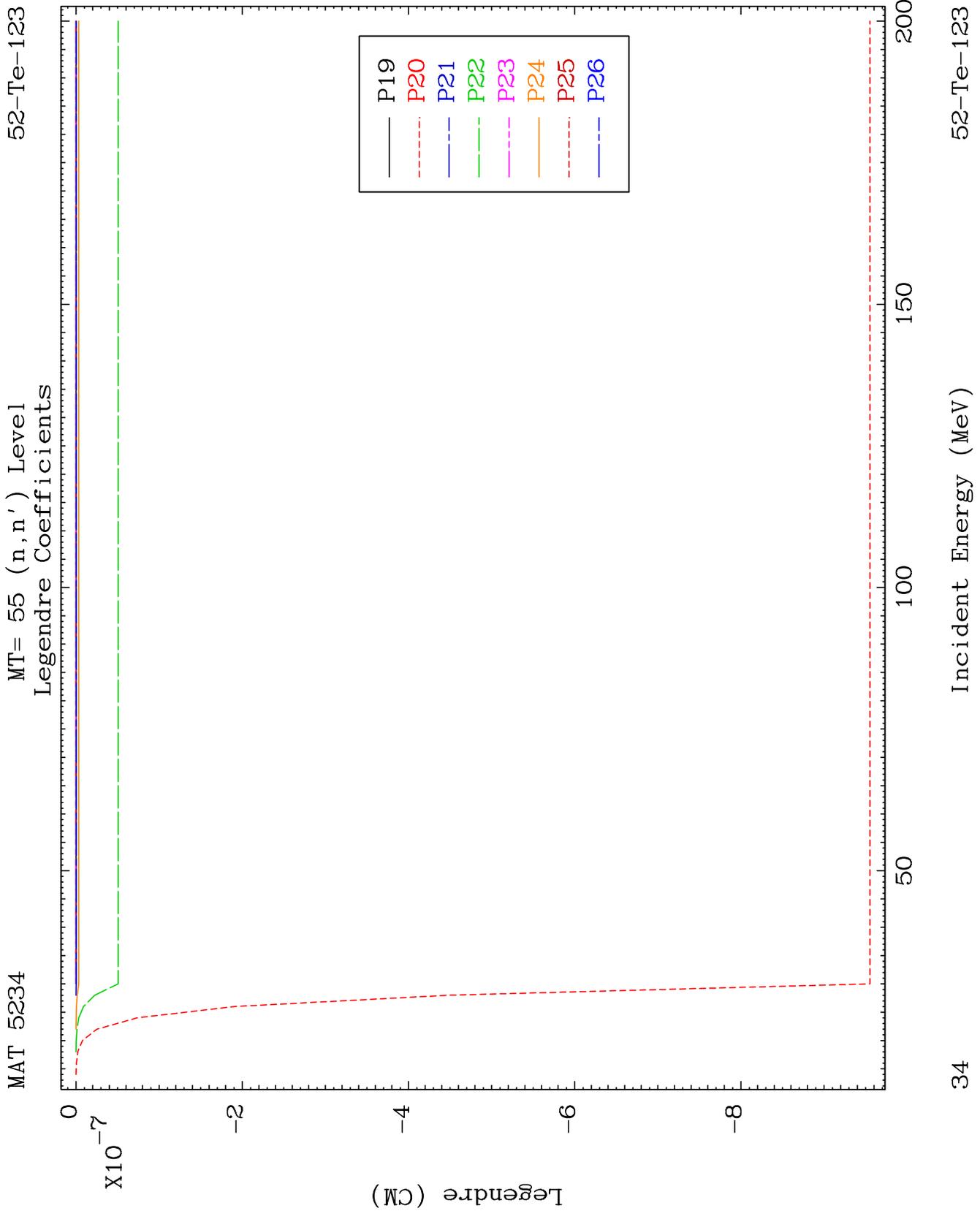
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33

Incident Energy (MeV)

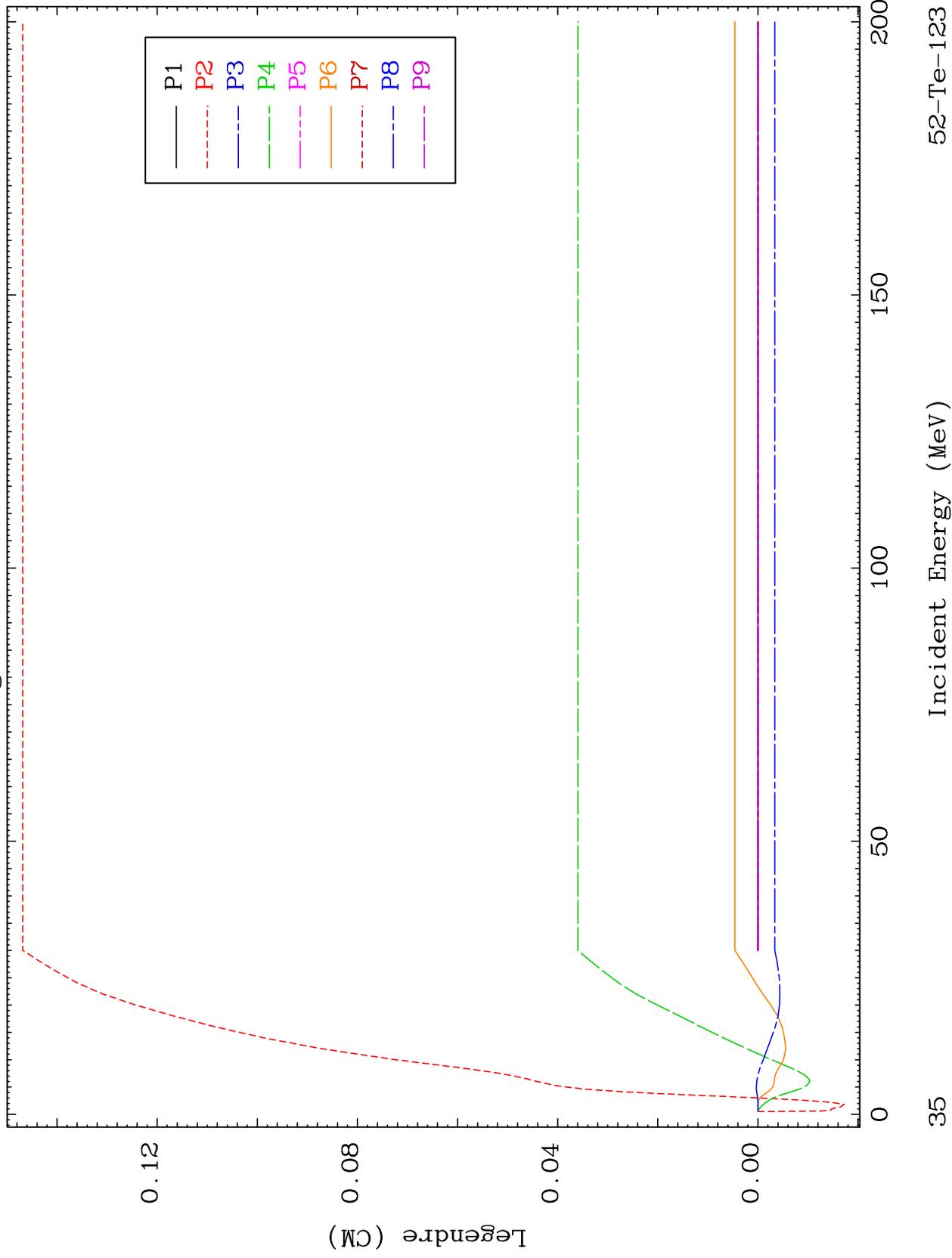
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MAT 5234

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Legendre Coefficients

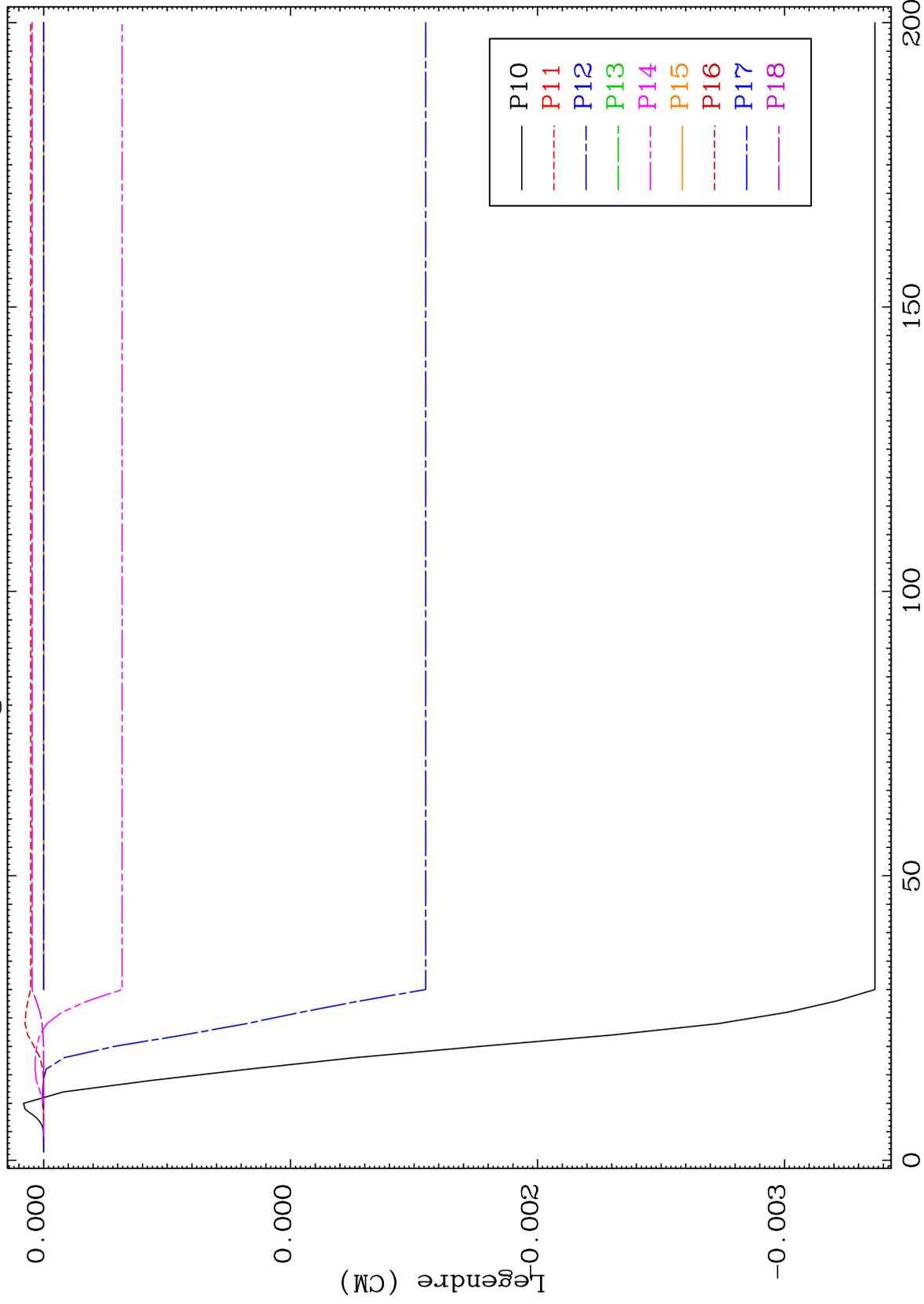
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MAT 5234

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

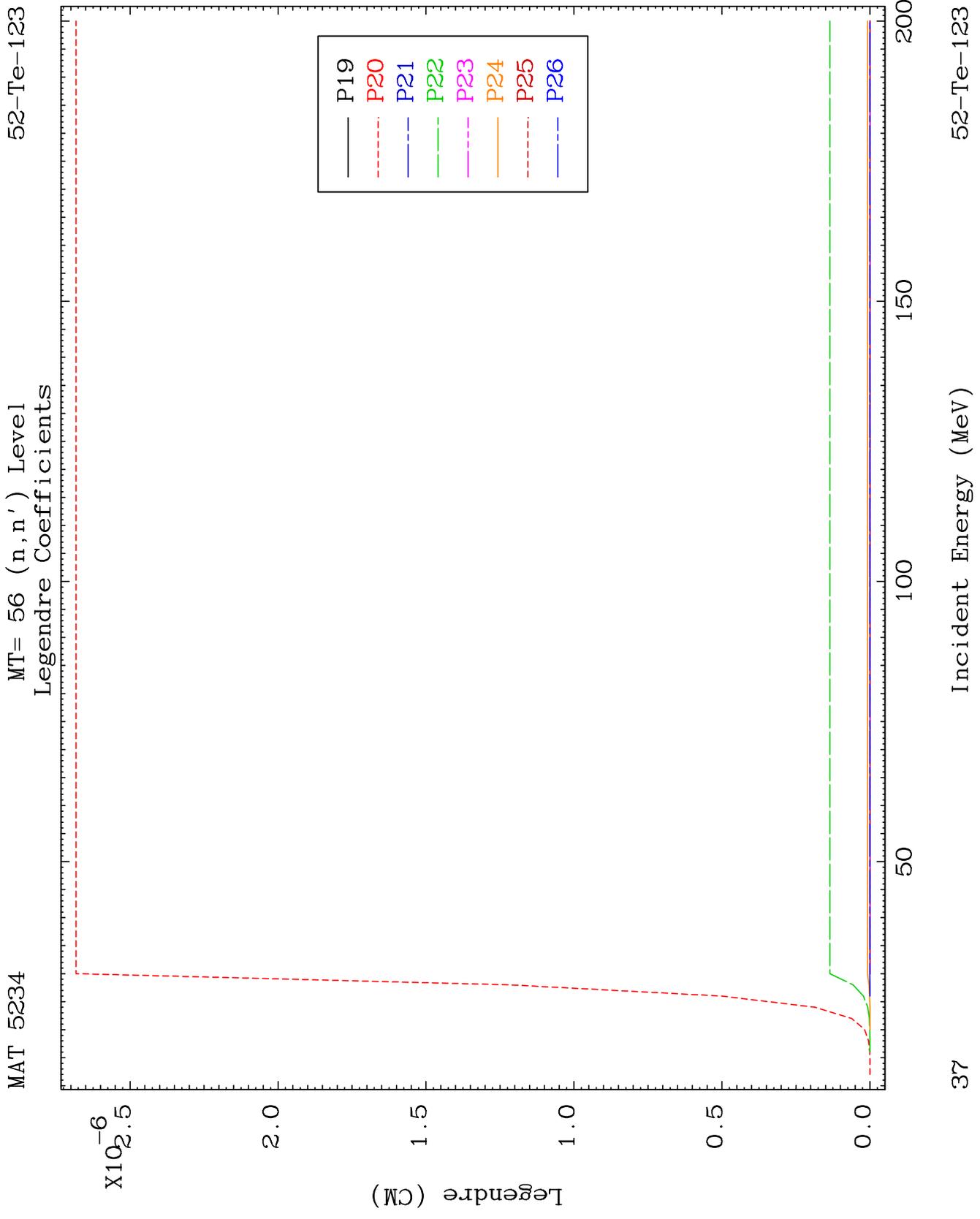
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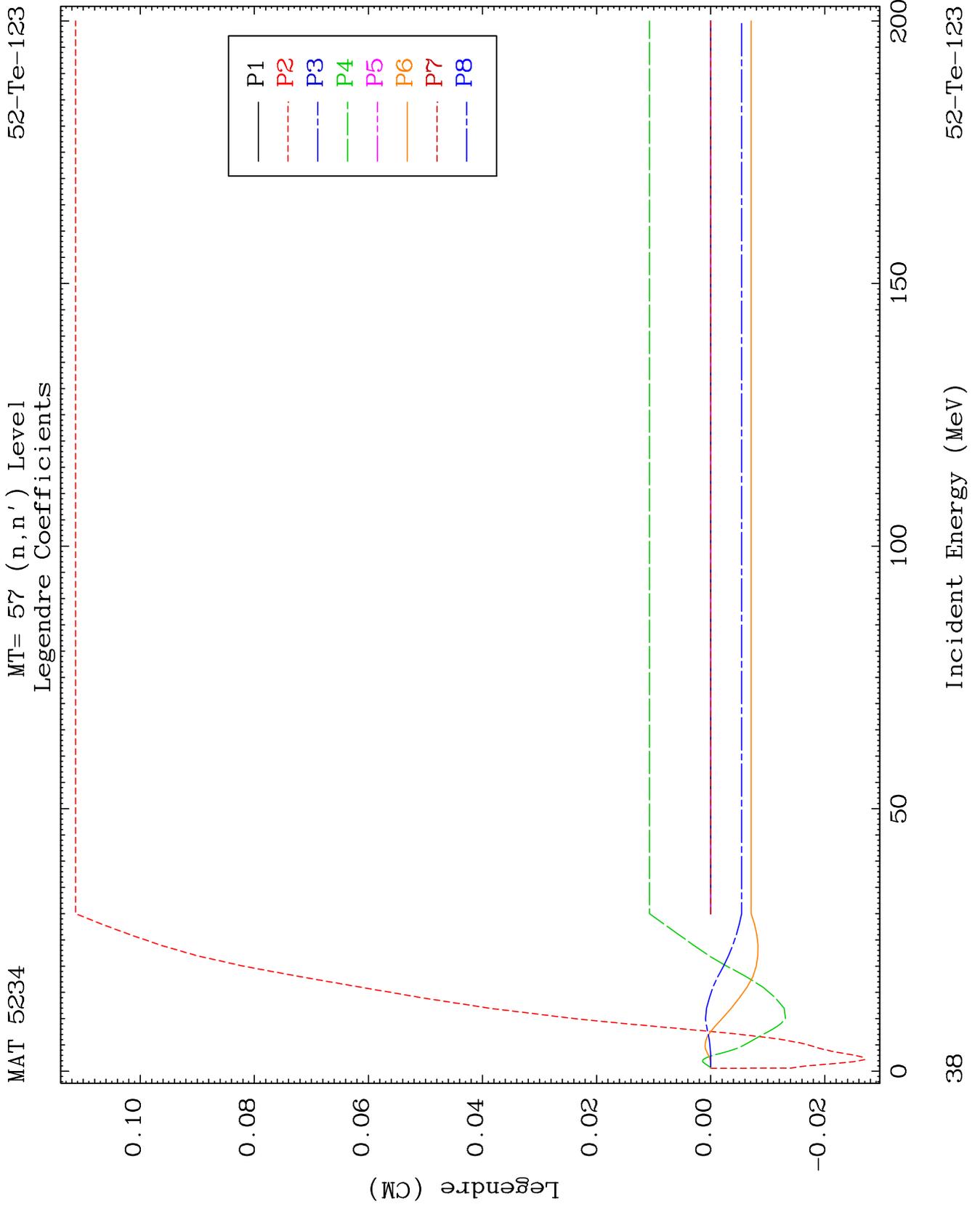


36

Incident Energy (MeV)

52-Te-123

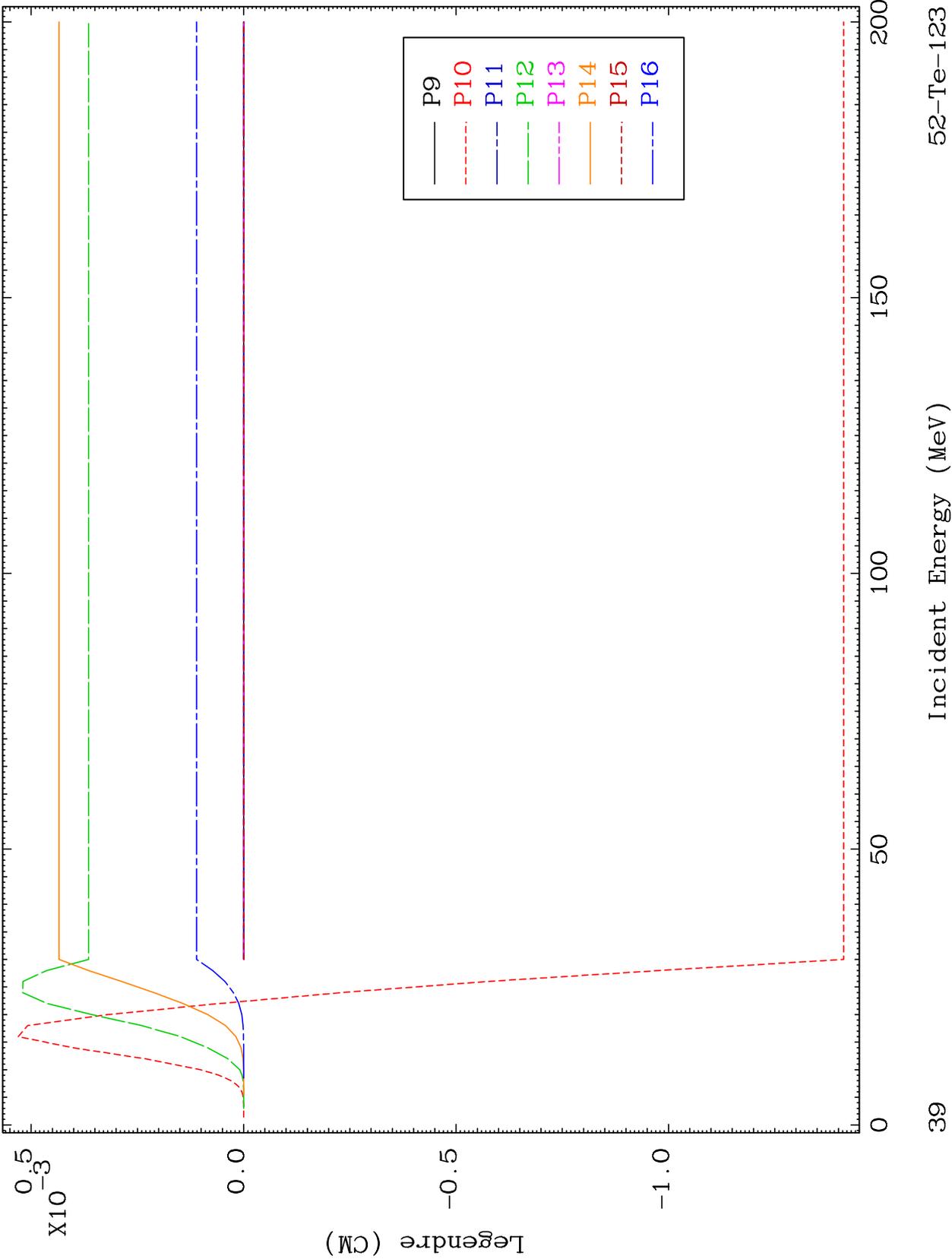




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MT= 57 (n,n') Level  
Legendre Coefficients

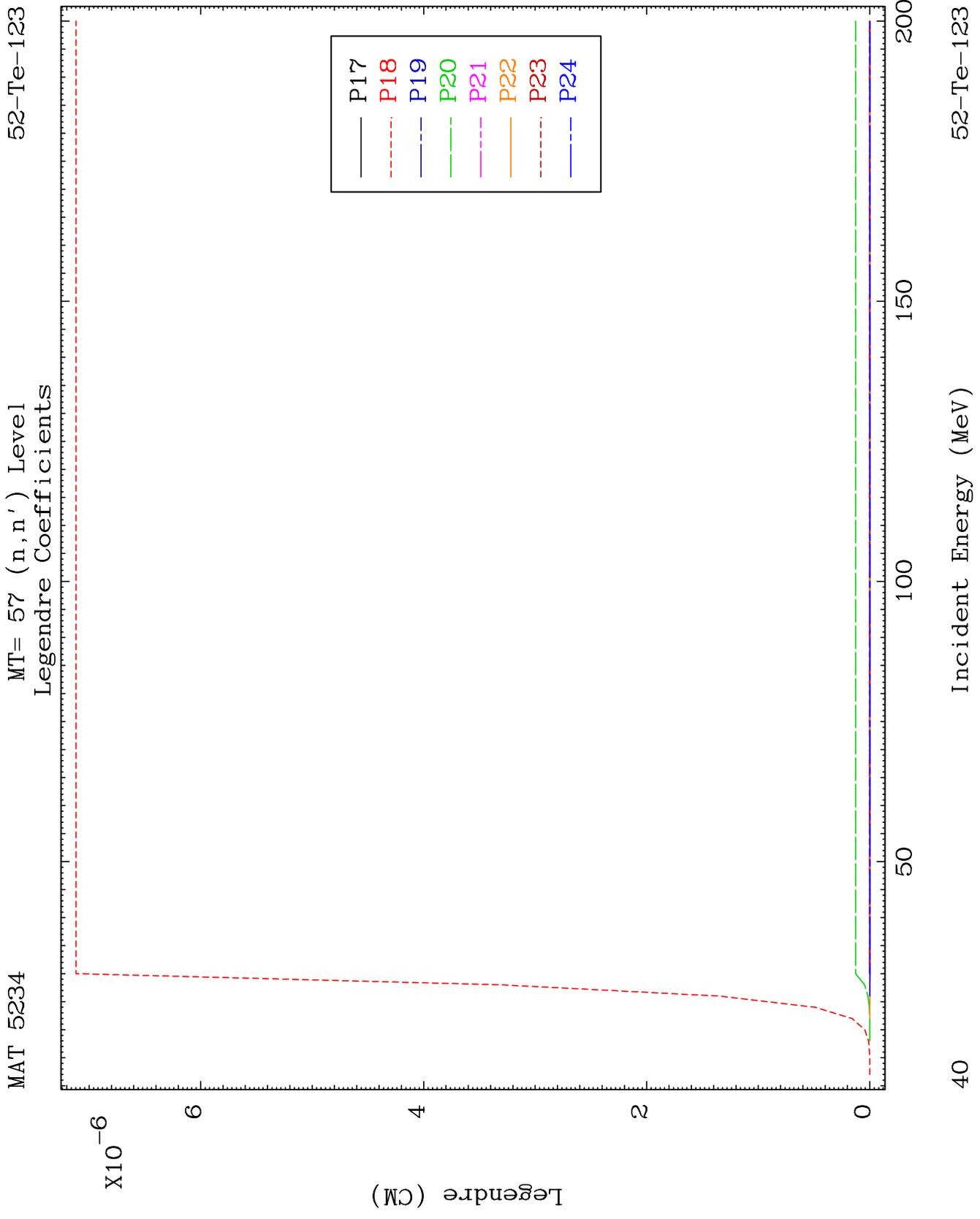
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52-Te-123

Incident Energy (MeV)

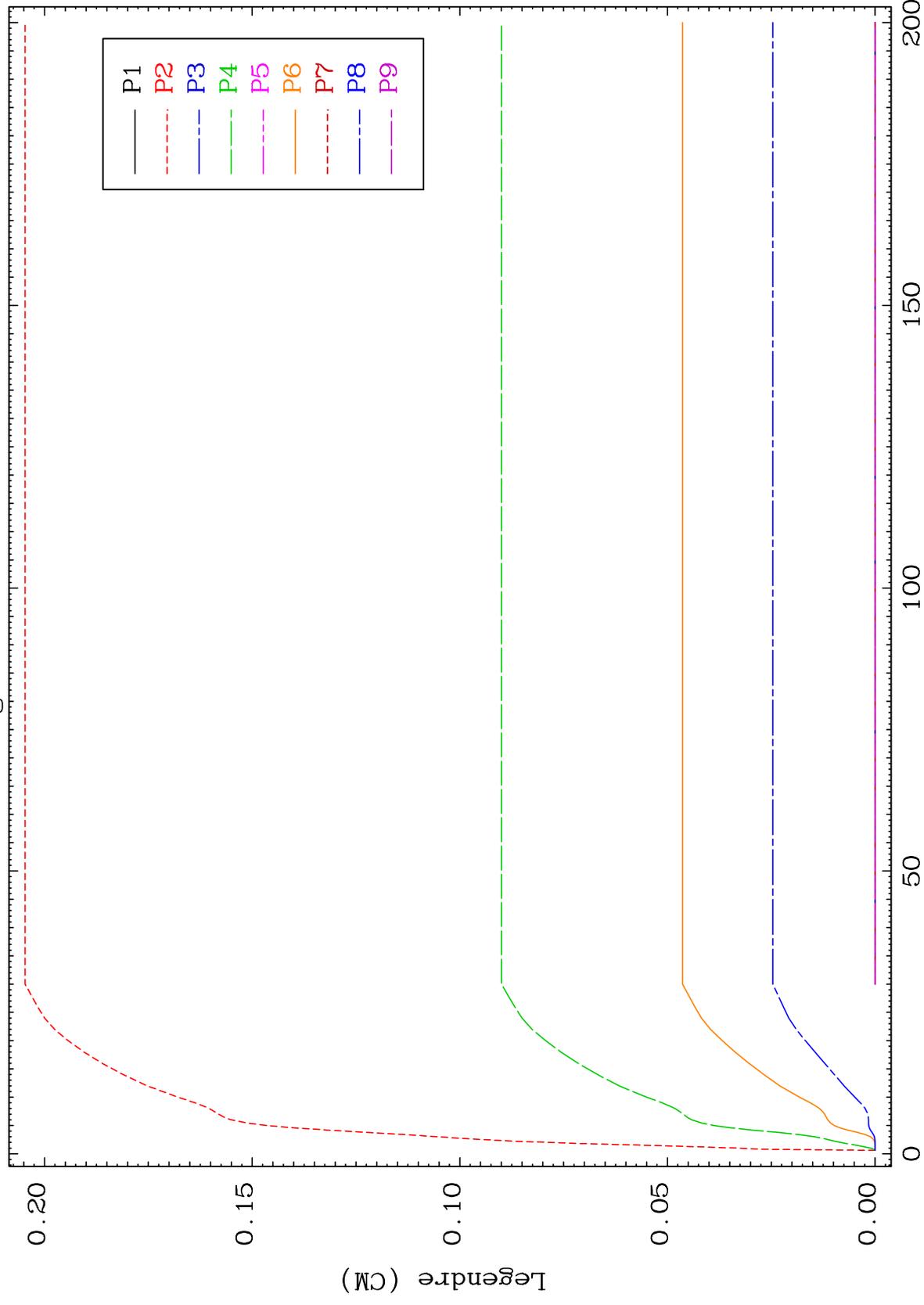
39



MAT 5234

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

52-Te-123



41

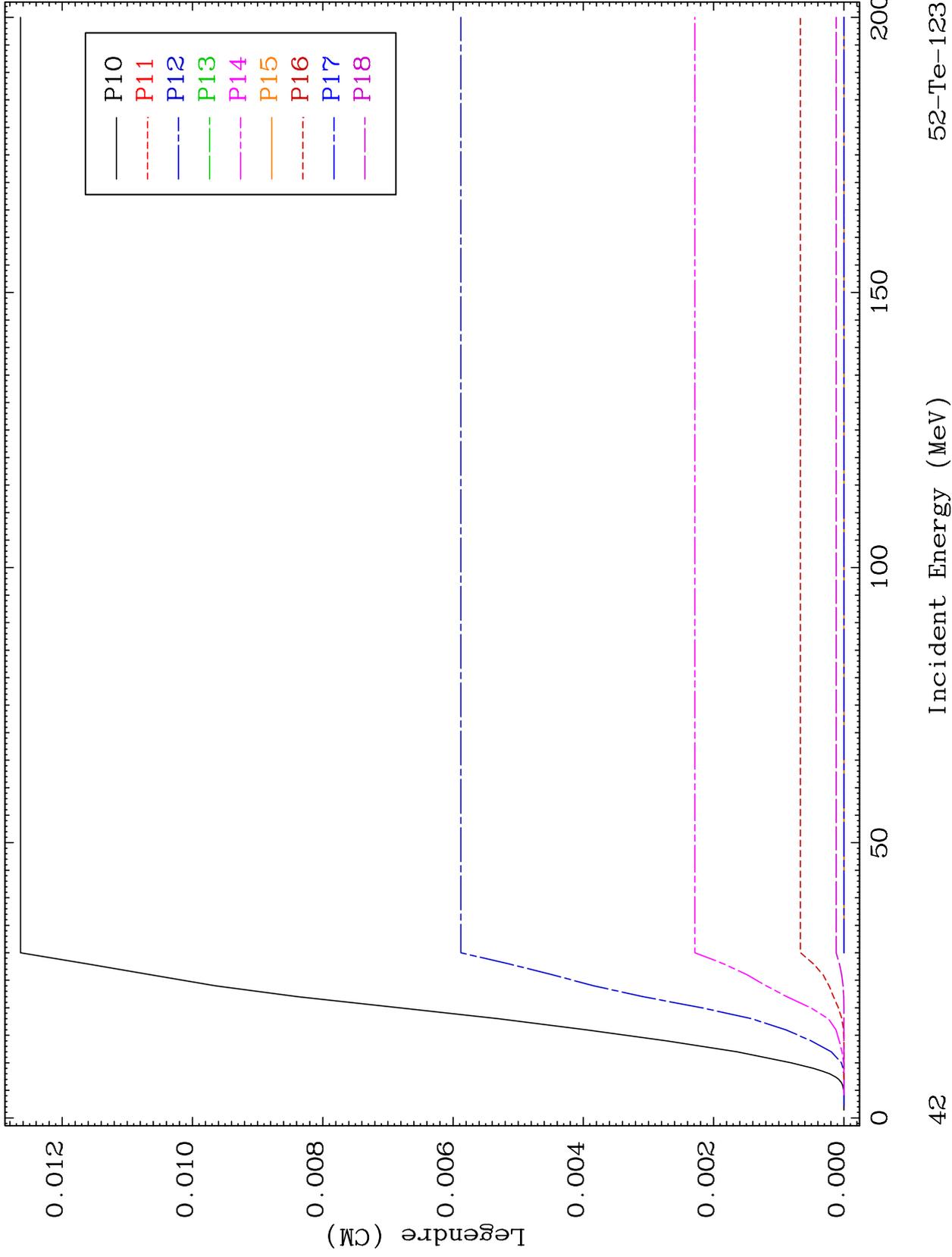
Incident Energy (MeV)

52-Te-123

MAT 5234

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

52-Te-123



42

Incident Energy (MeV)

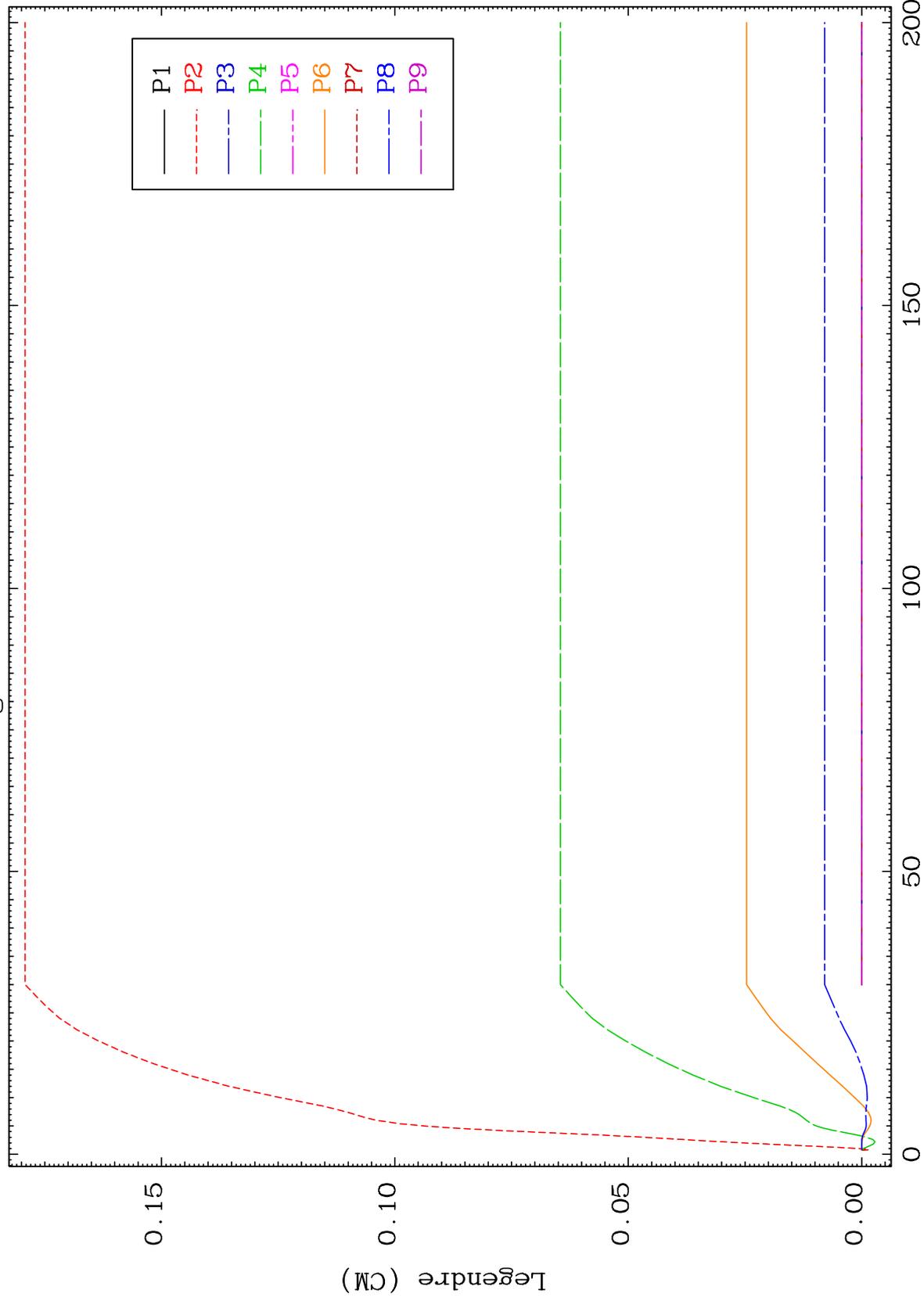
52-Te-123



MAT 5234

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

52-Te-123



52-Te-123

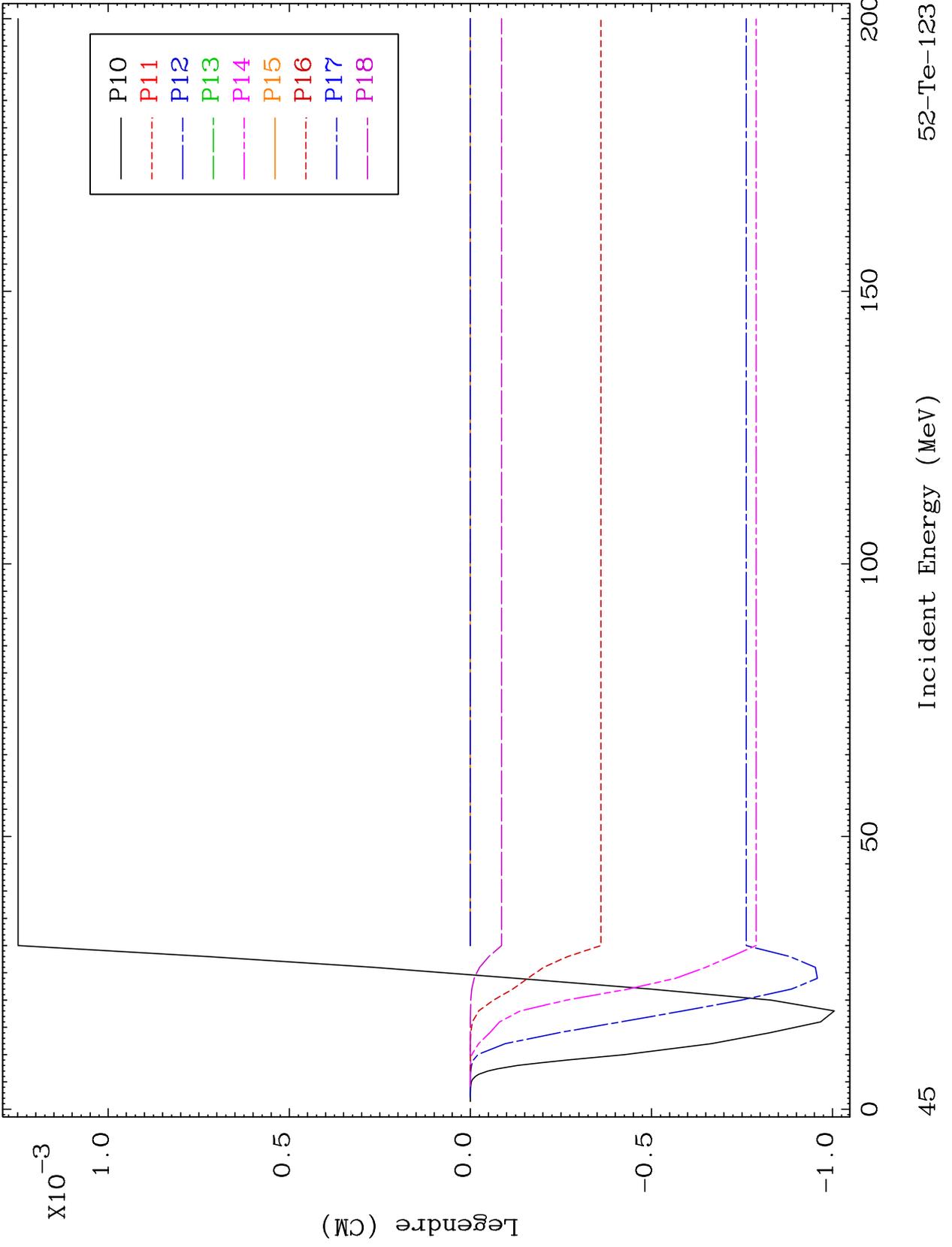
Incident Energy (MeV)

44

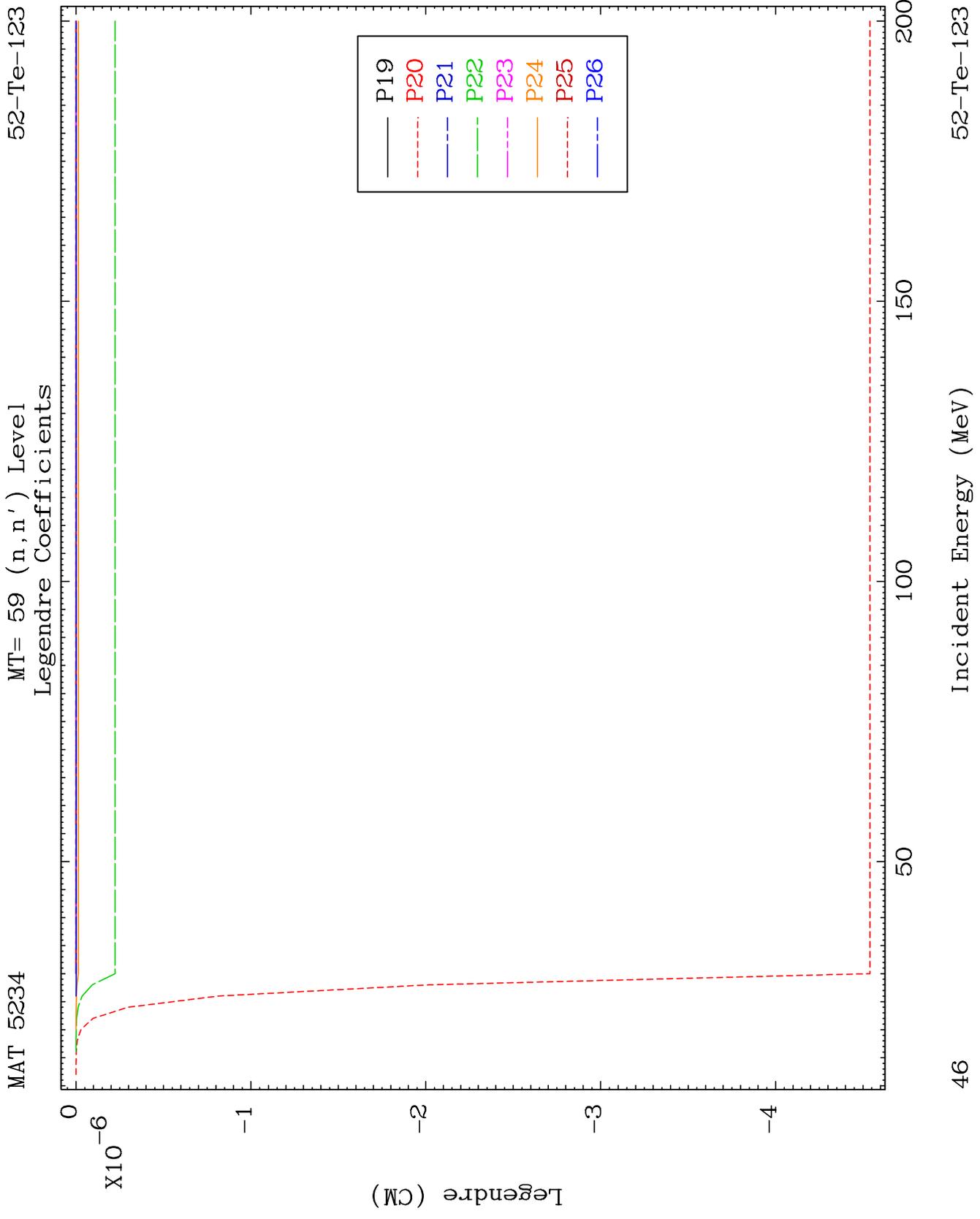
MAT 5234

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

52-Te-123



52-Te-123

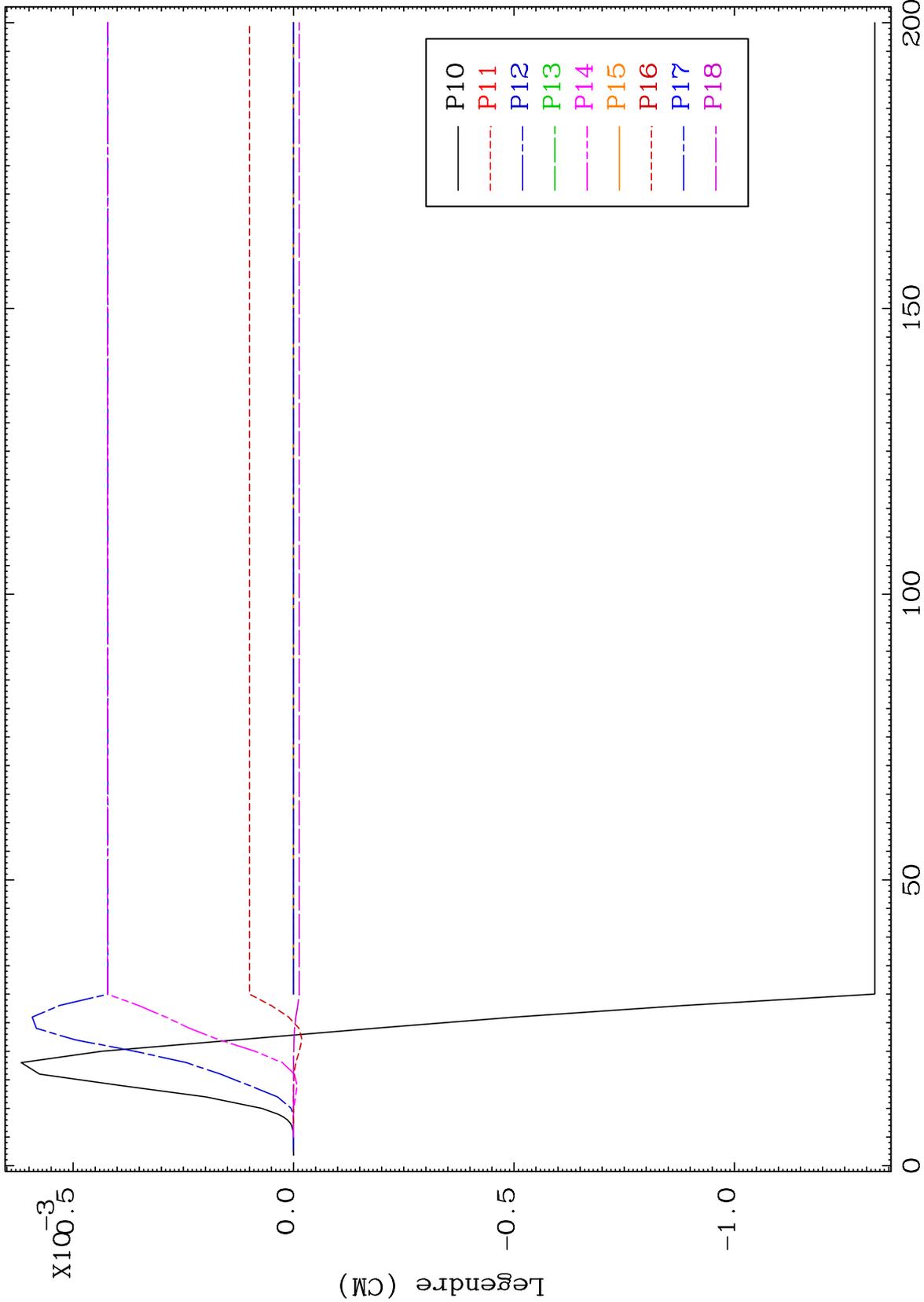




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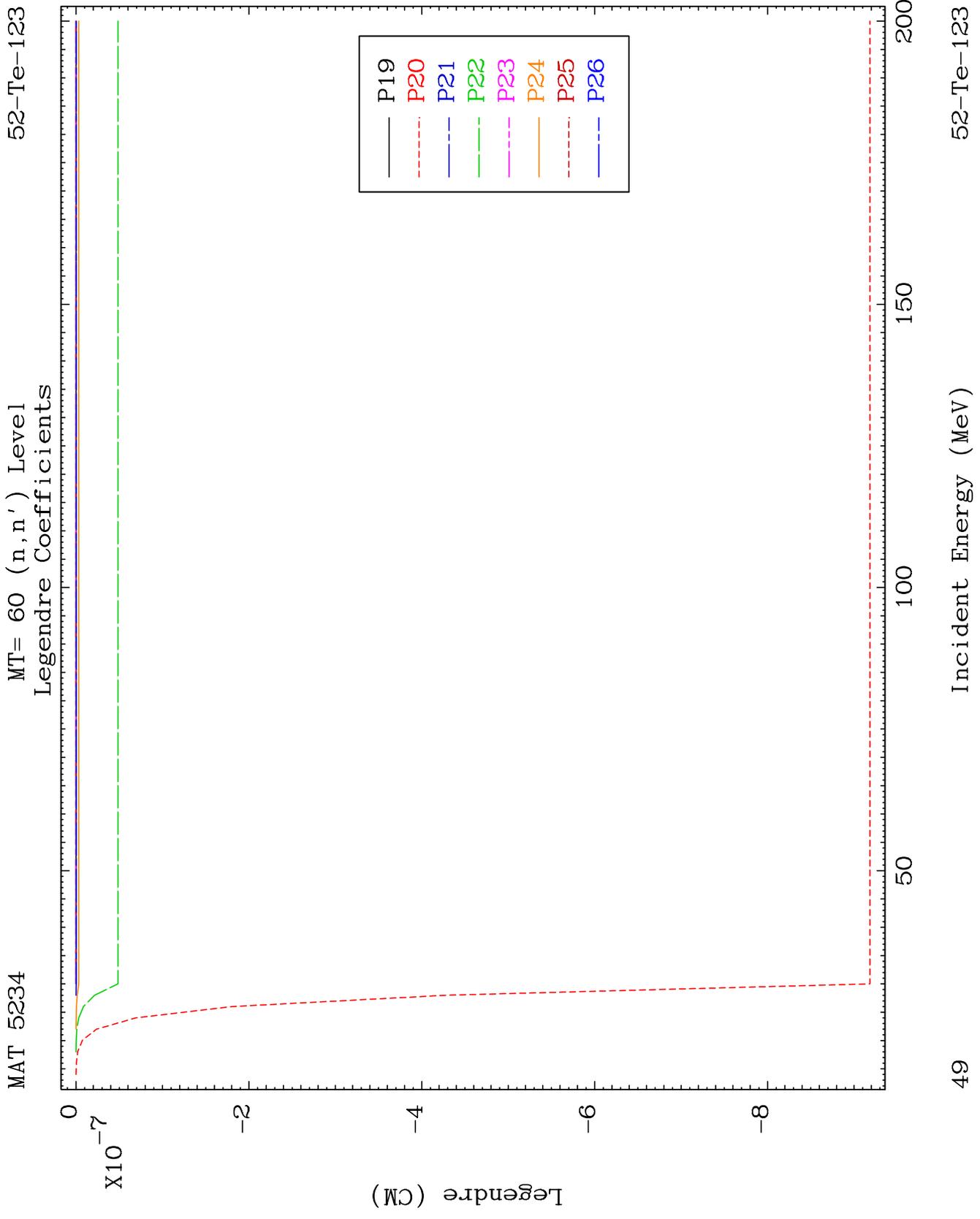
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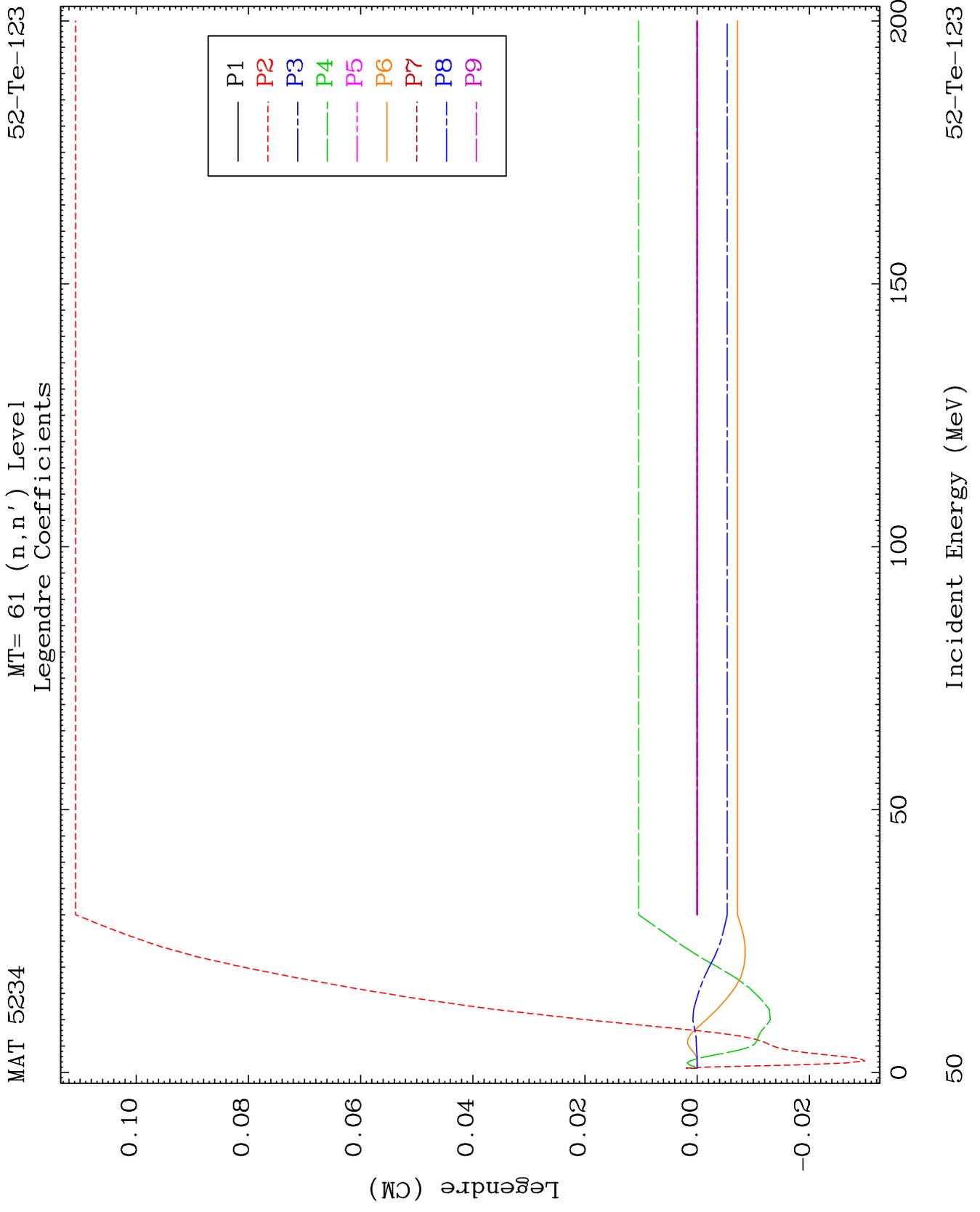


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Incident Energy (MeV)

52-Te-123

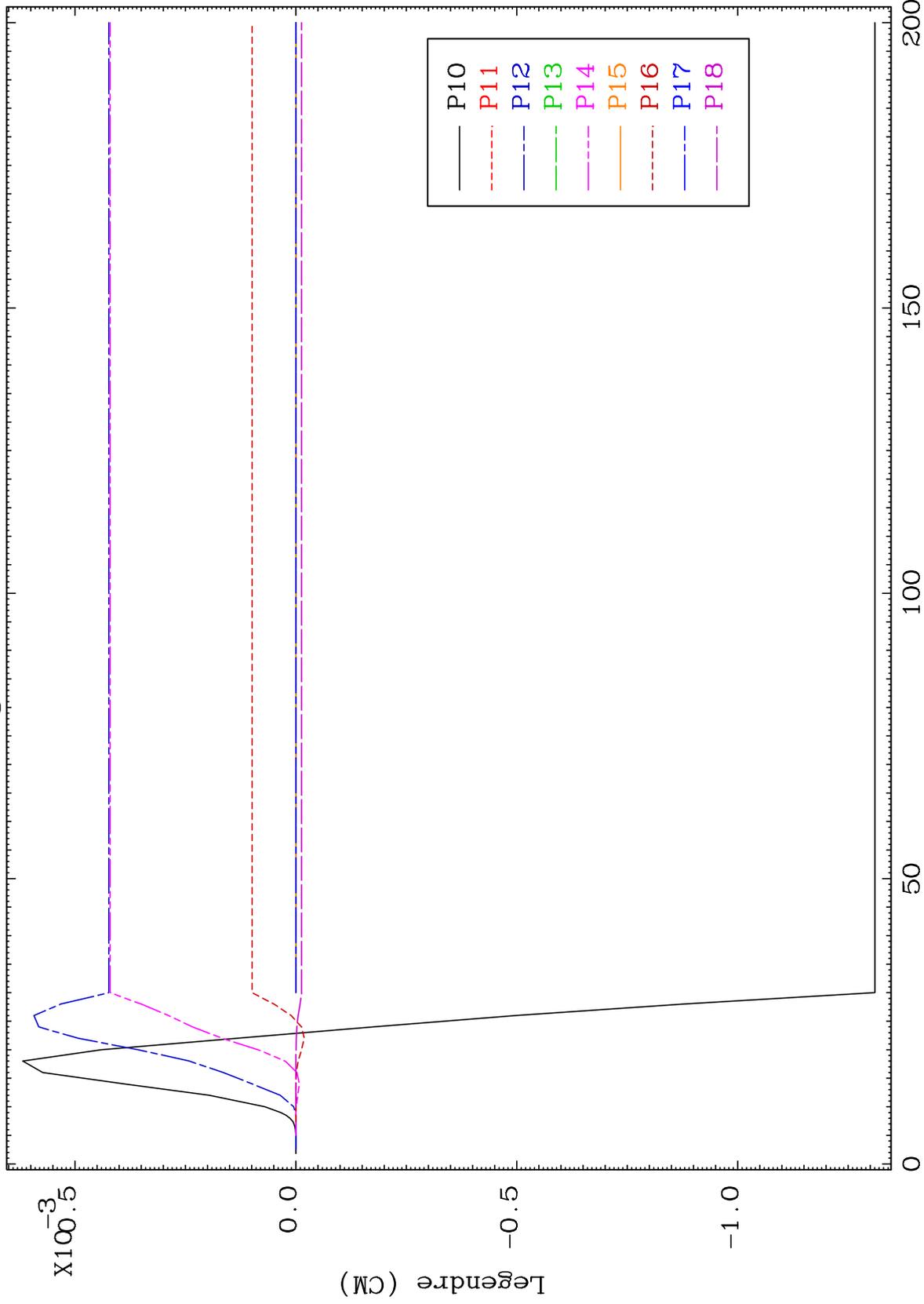




MAT 5234

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

52-Te-123



51

Incident Energy (MeV)

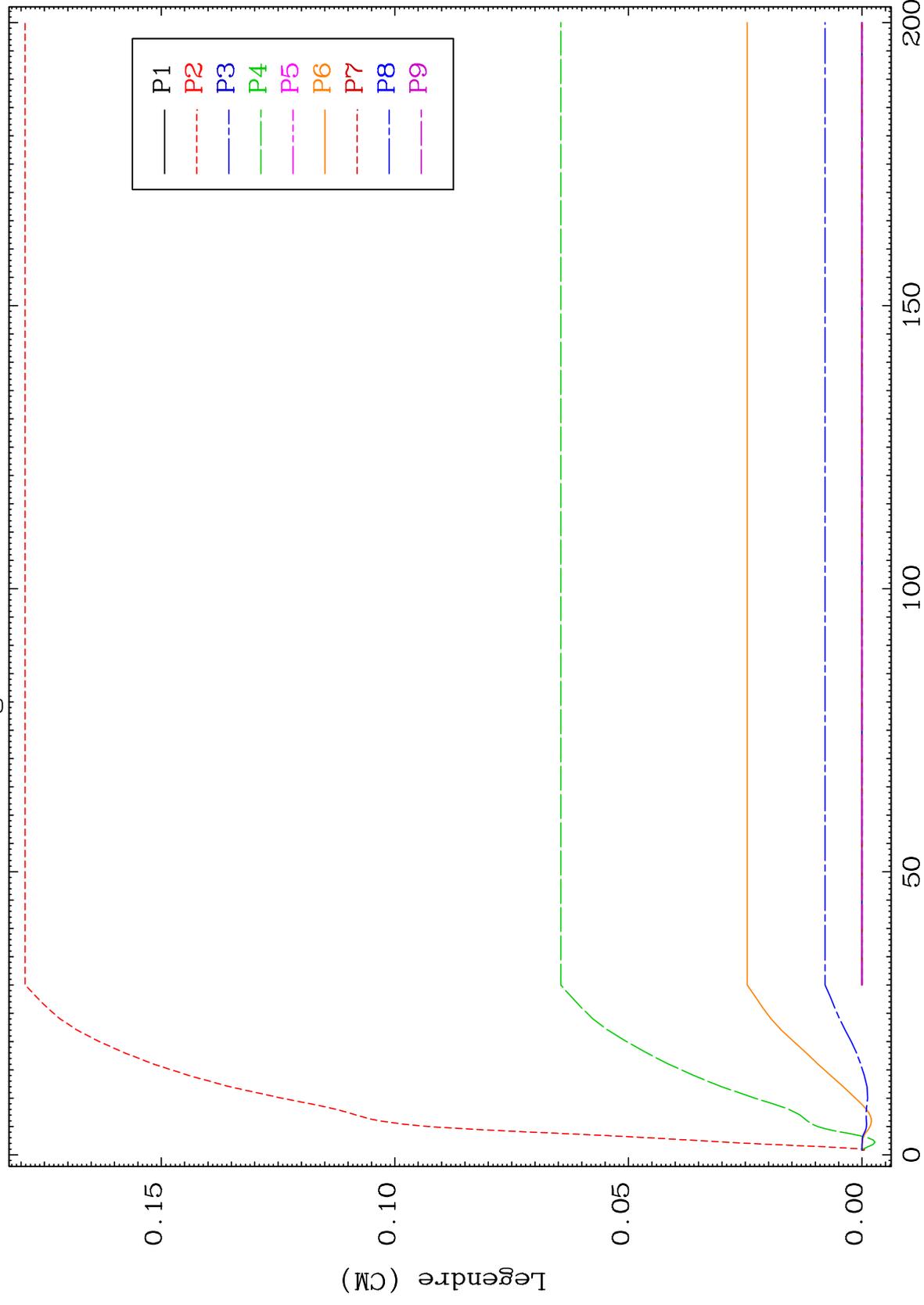
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MAT 5234

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

52-Te-123



53

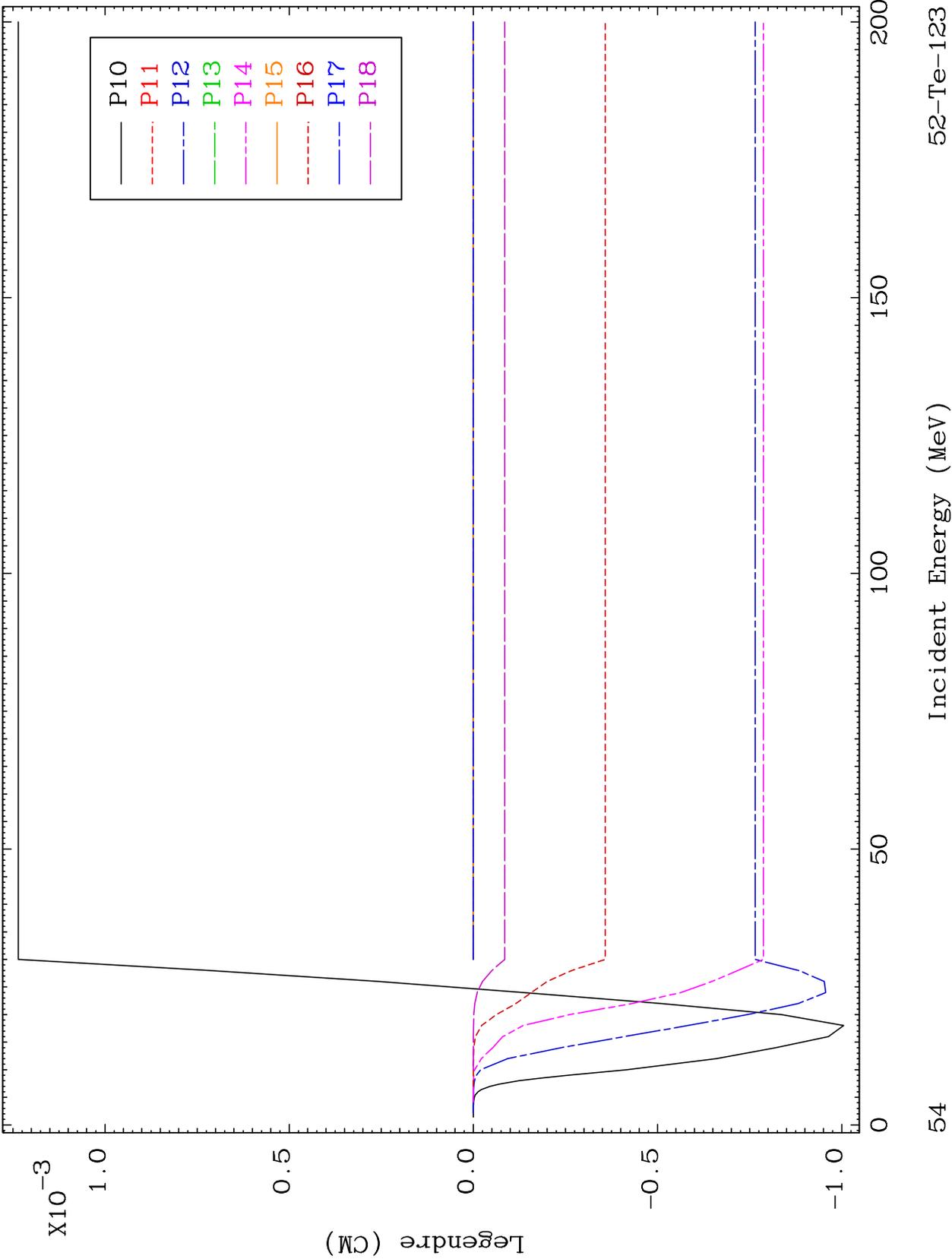
Incident Energy (MeV)

52-Te-123

MAT 5234

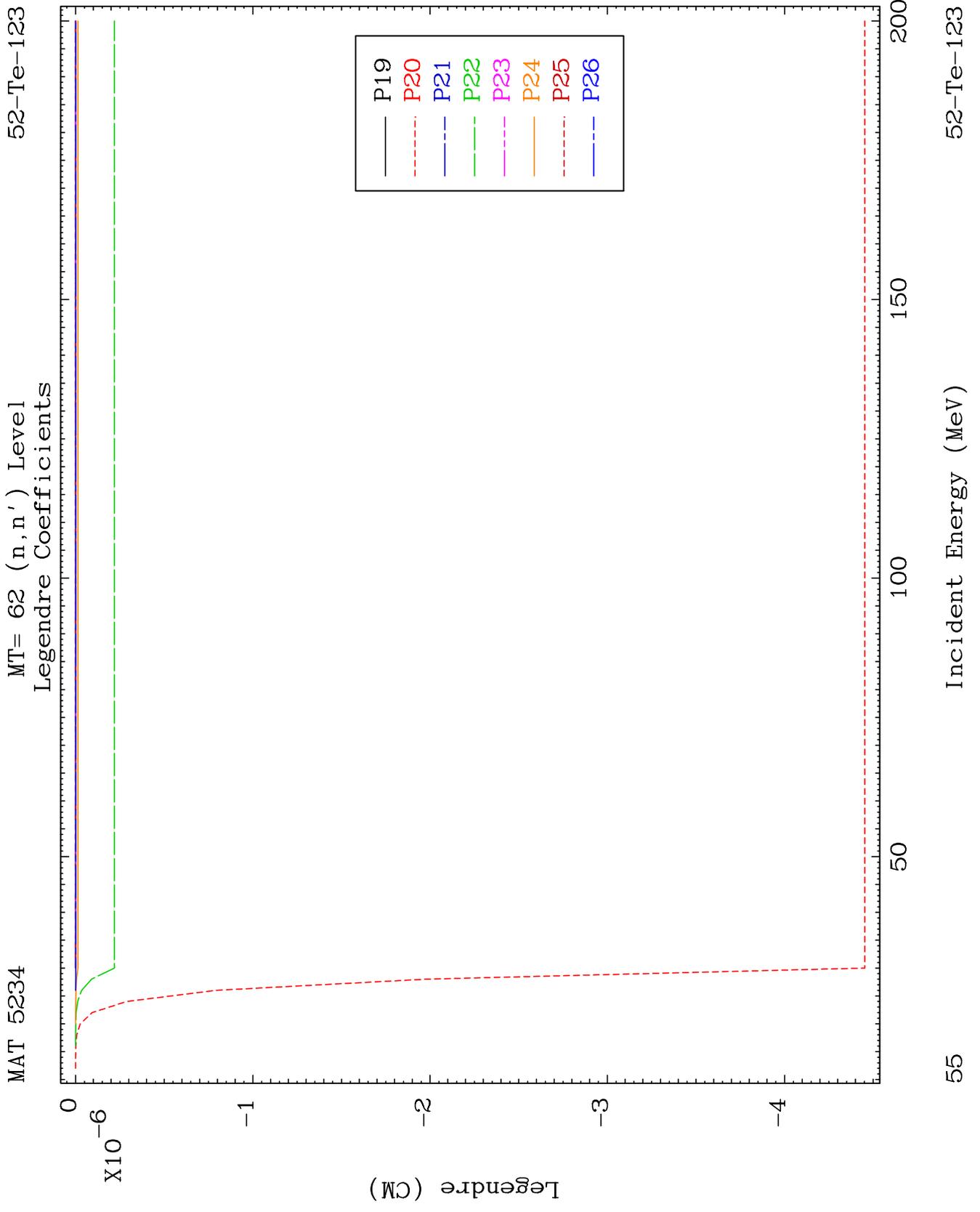
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Legendre Coefficients

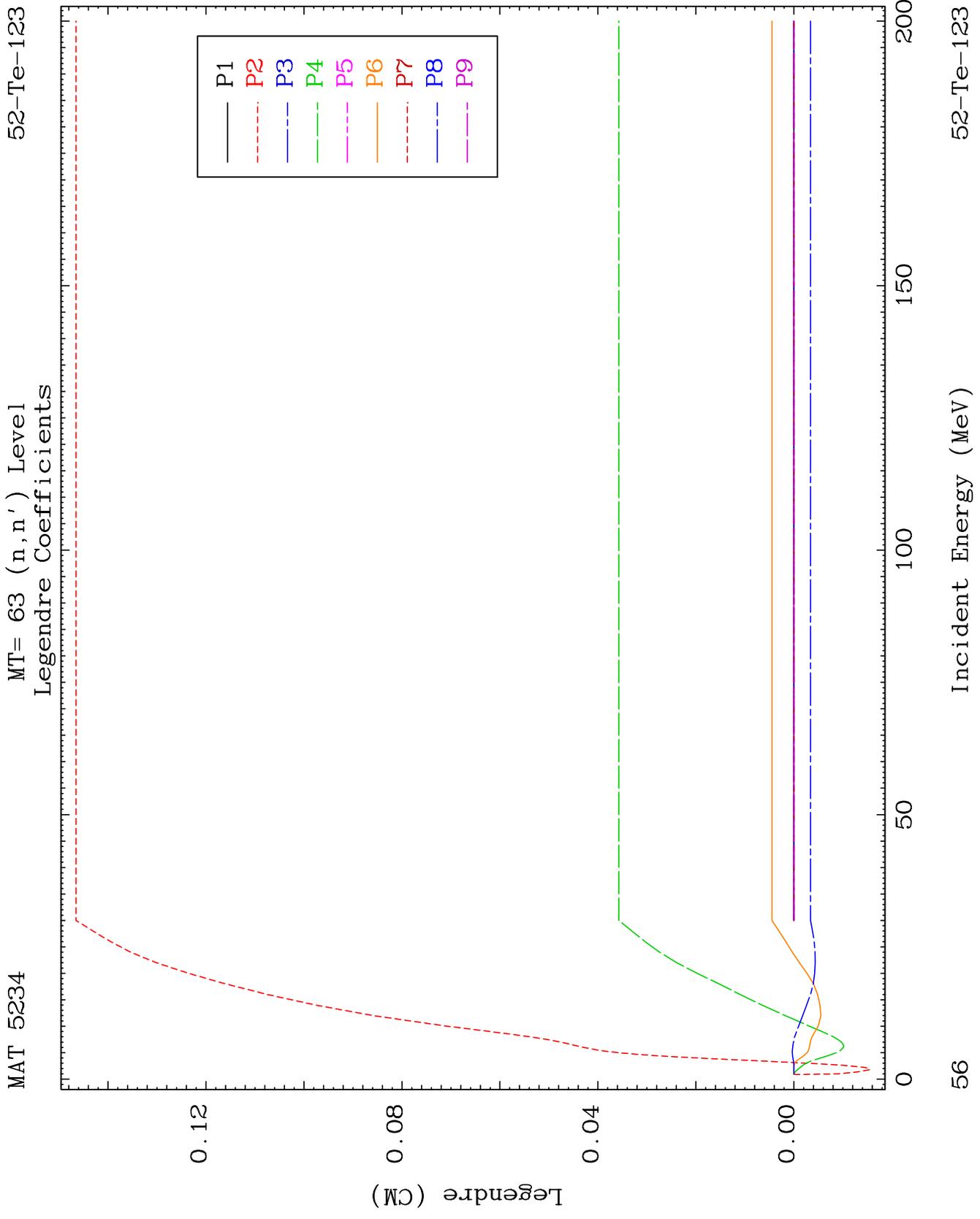
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54

52-Te-123

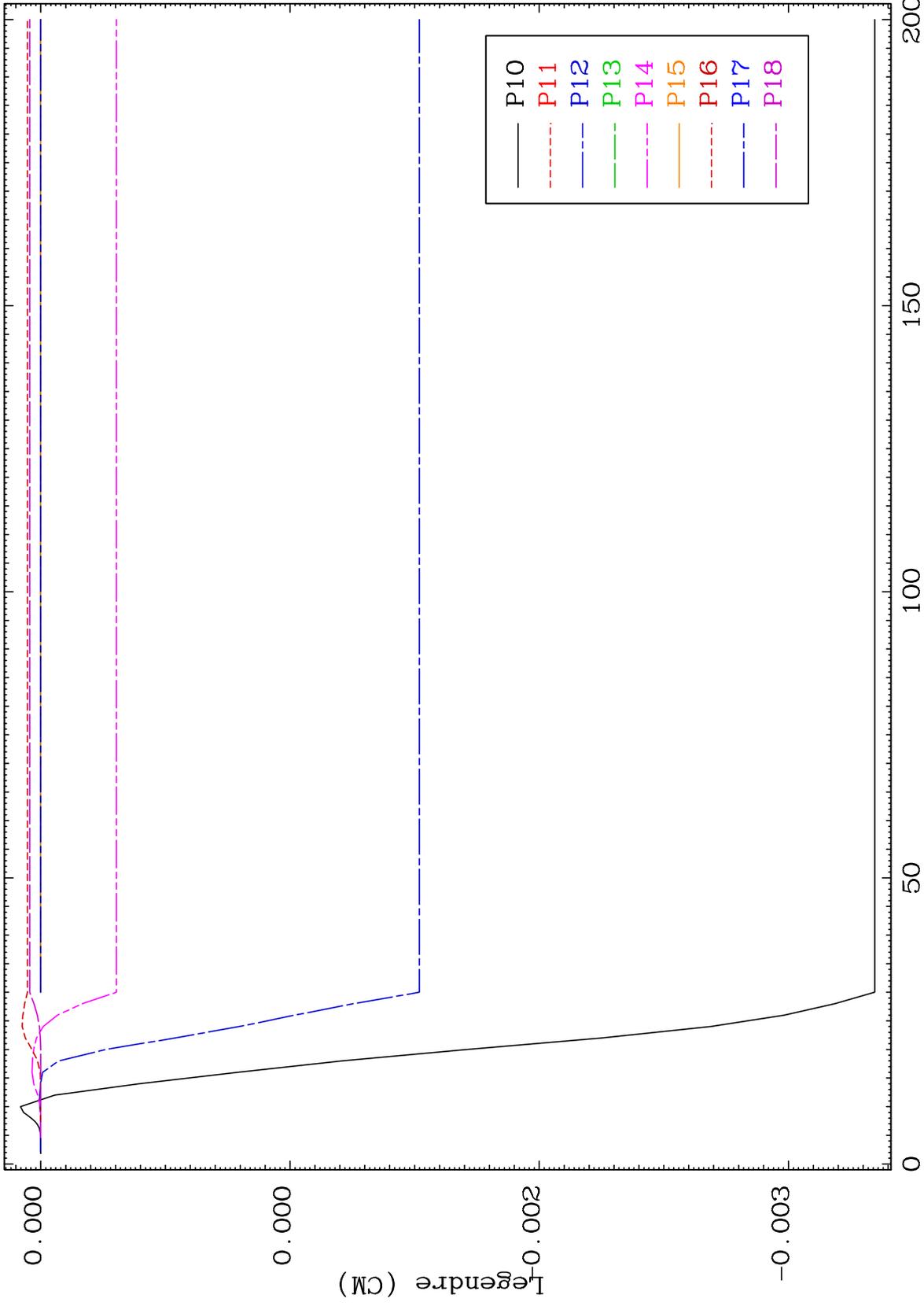




MAT 5234

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

52-Te-123



57

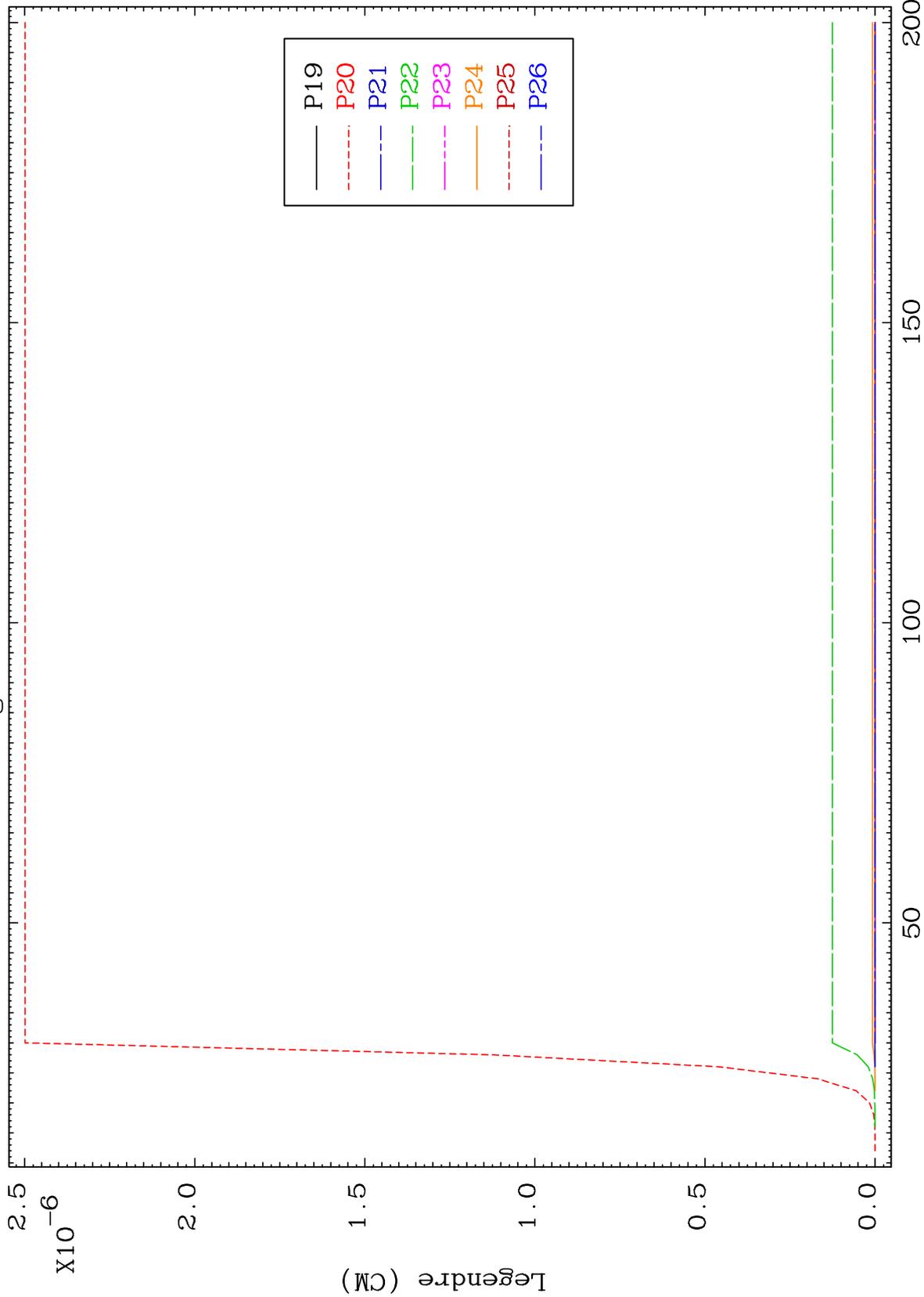
Incident Energy (MeV)

52-Te-123

MAT 5234

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

52-Te-123



52-Te-123

Incident Energy (MeV)

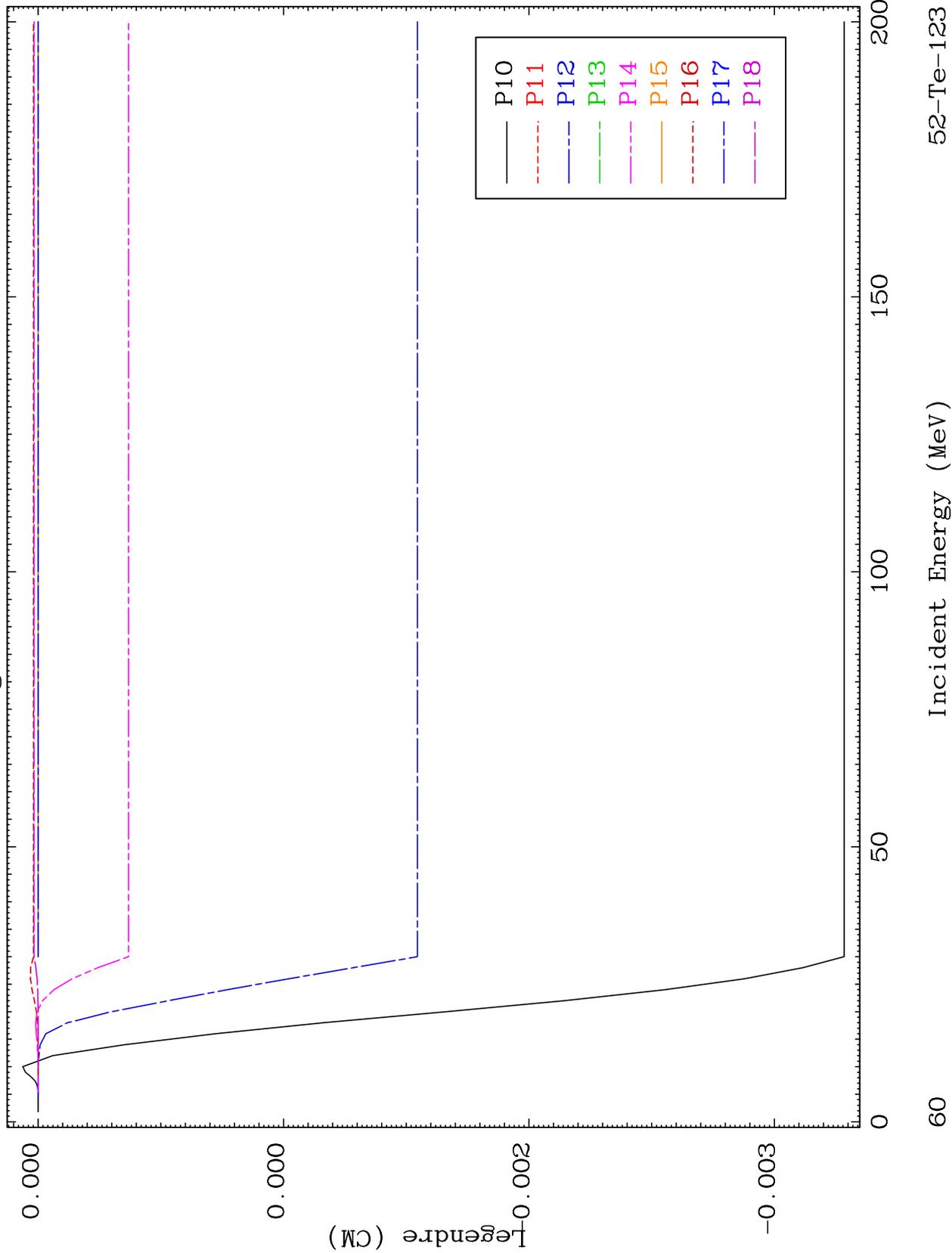
58



MAT 5234

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

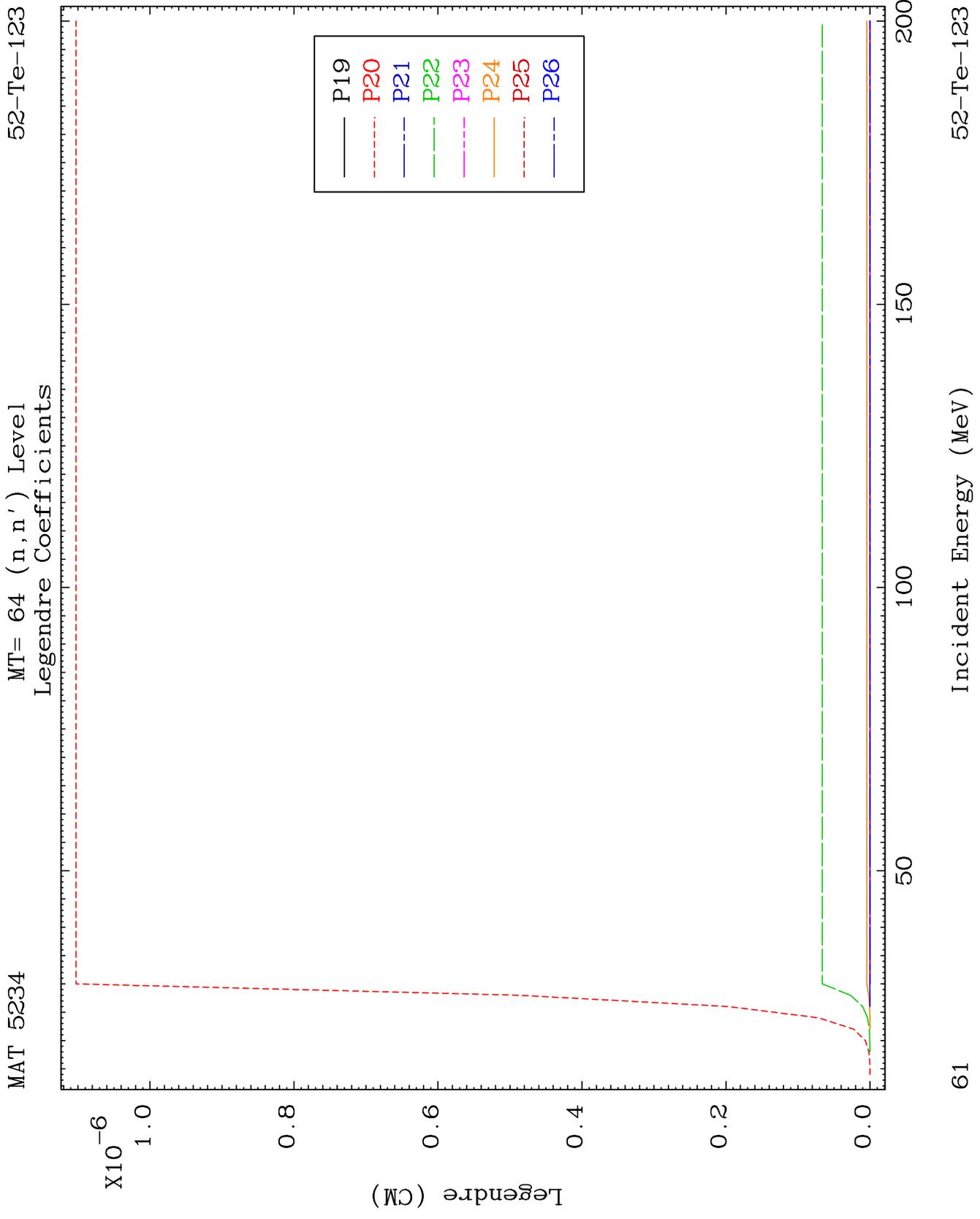
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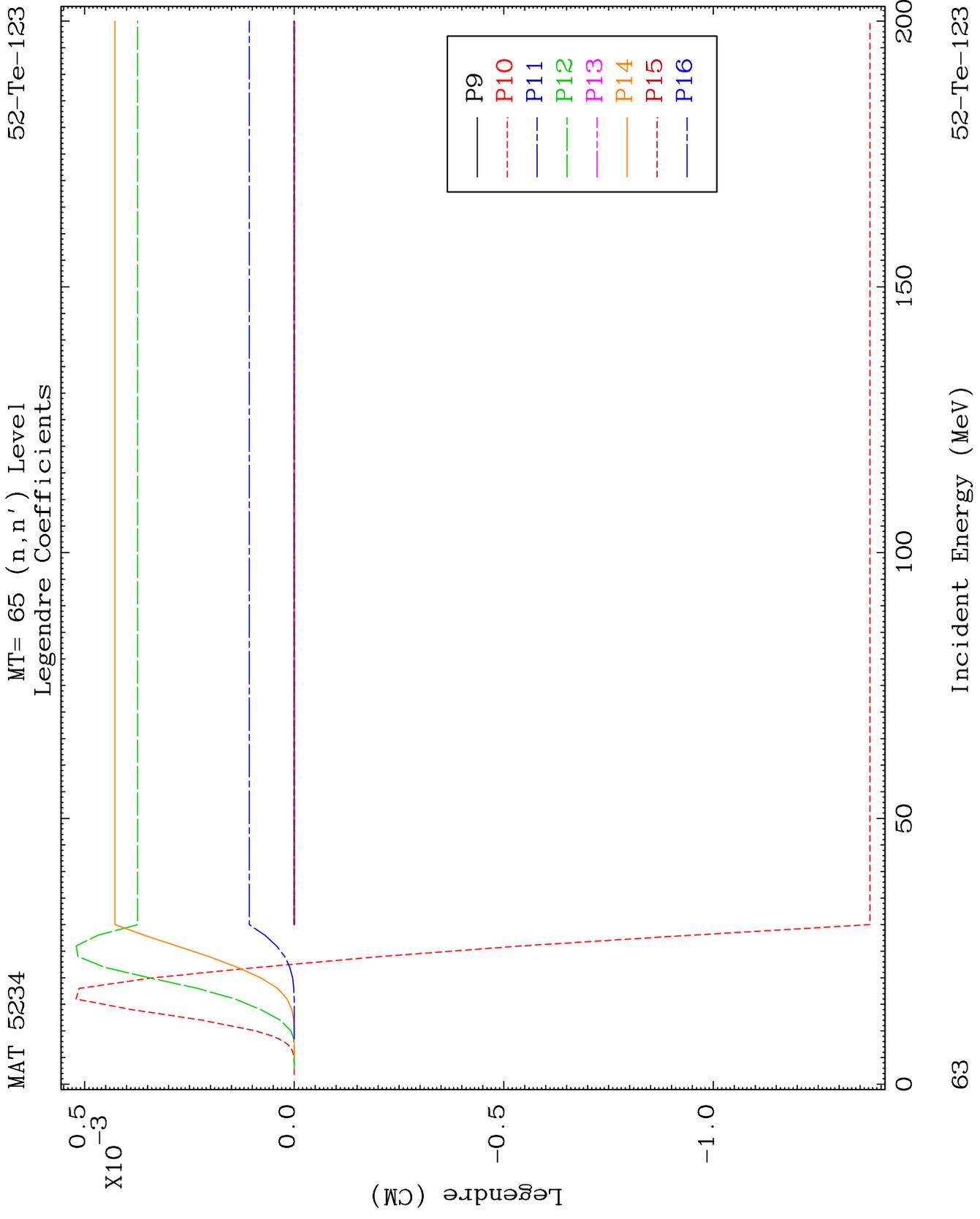
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Incident Energy (MeV)

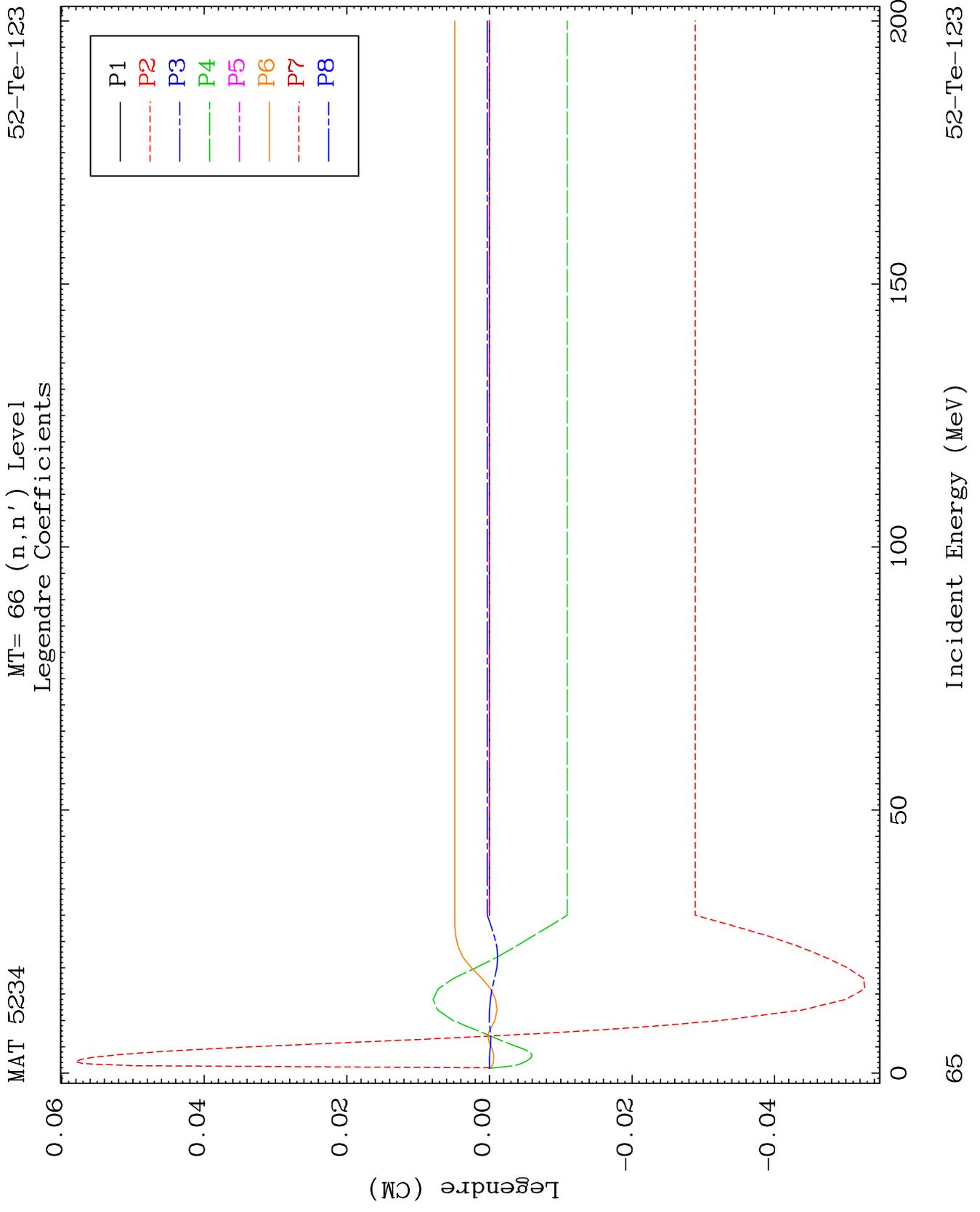
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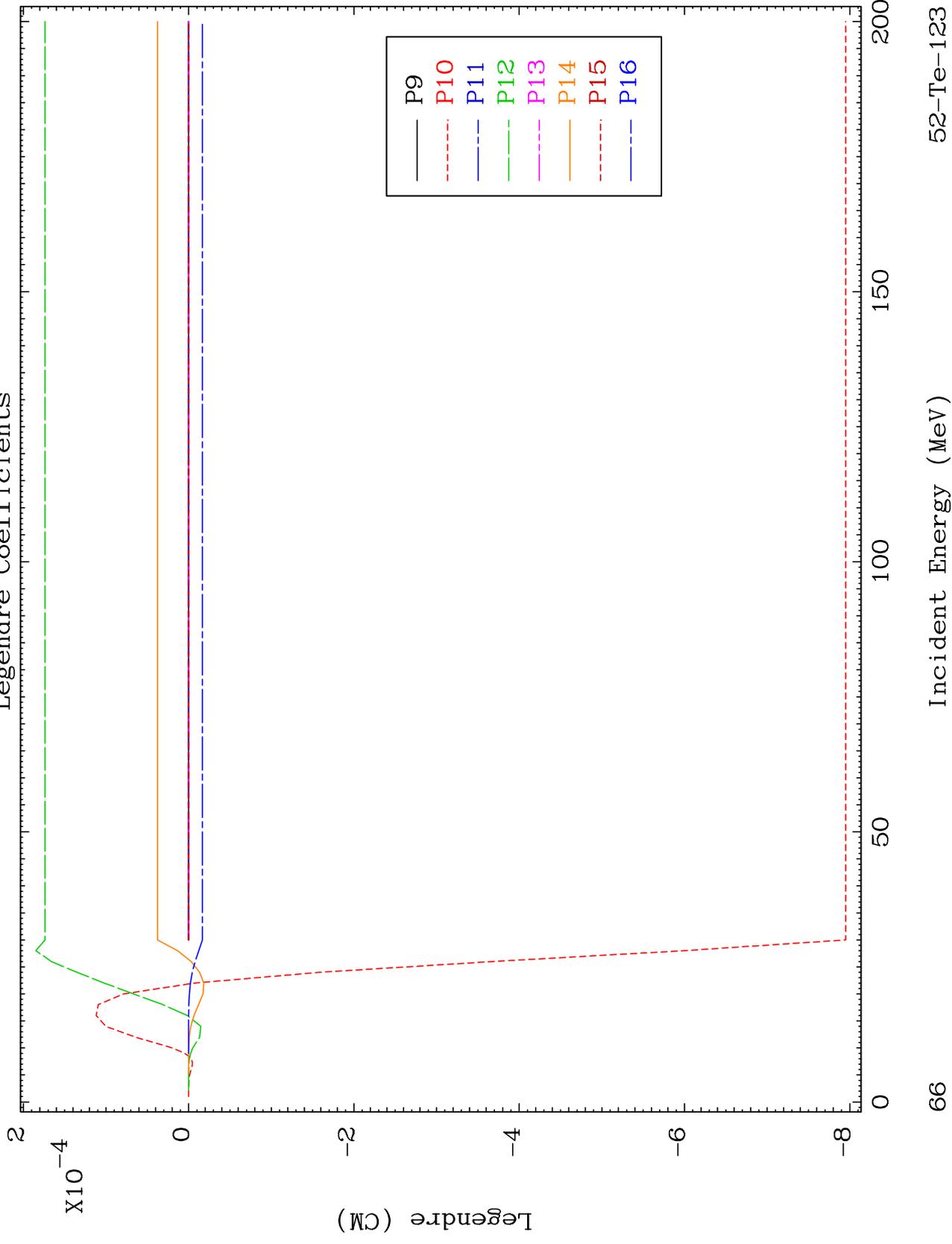




MAT 5234

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

52-Te-123



52-Te-123

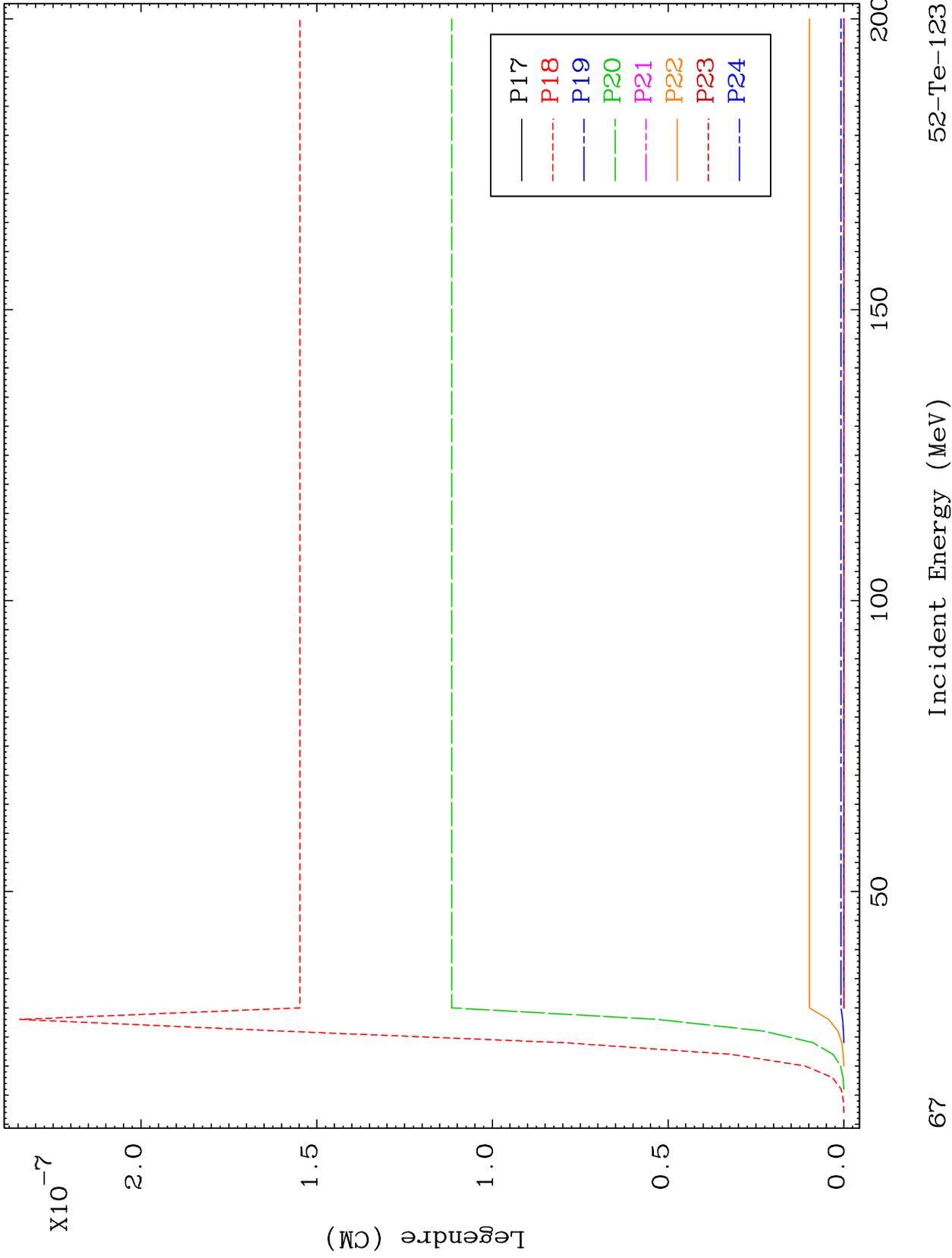
Incident Energy (MeV)

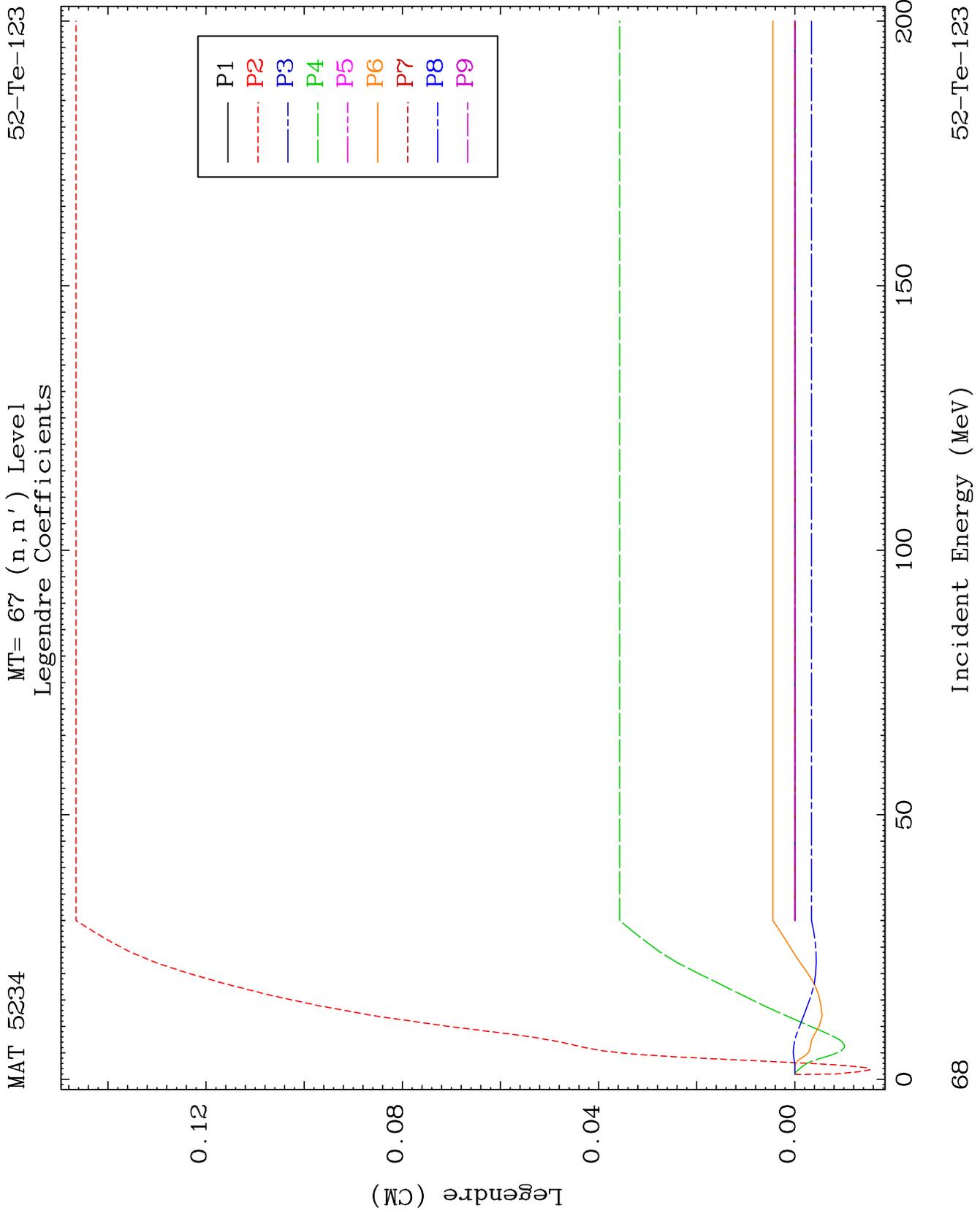
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MAT 5234

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

52-Te-123

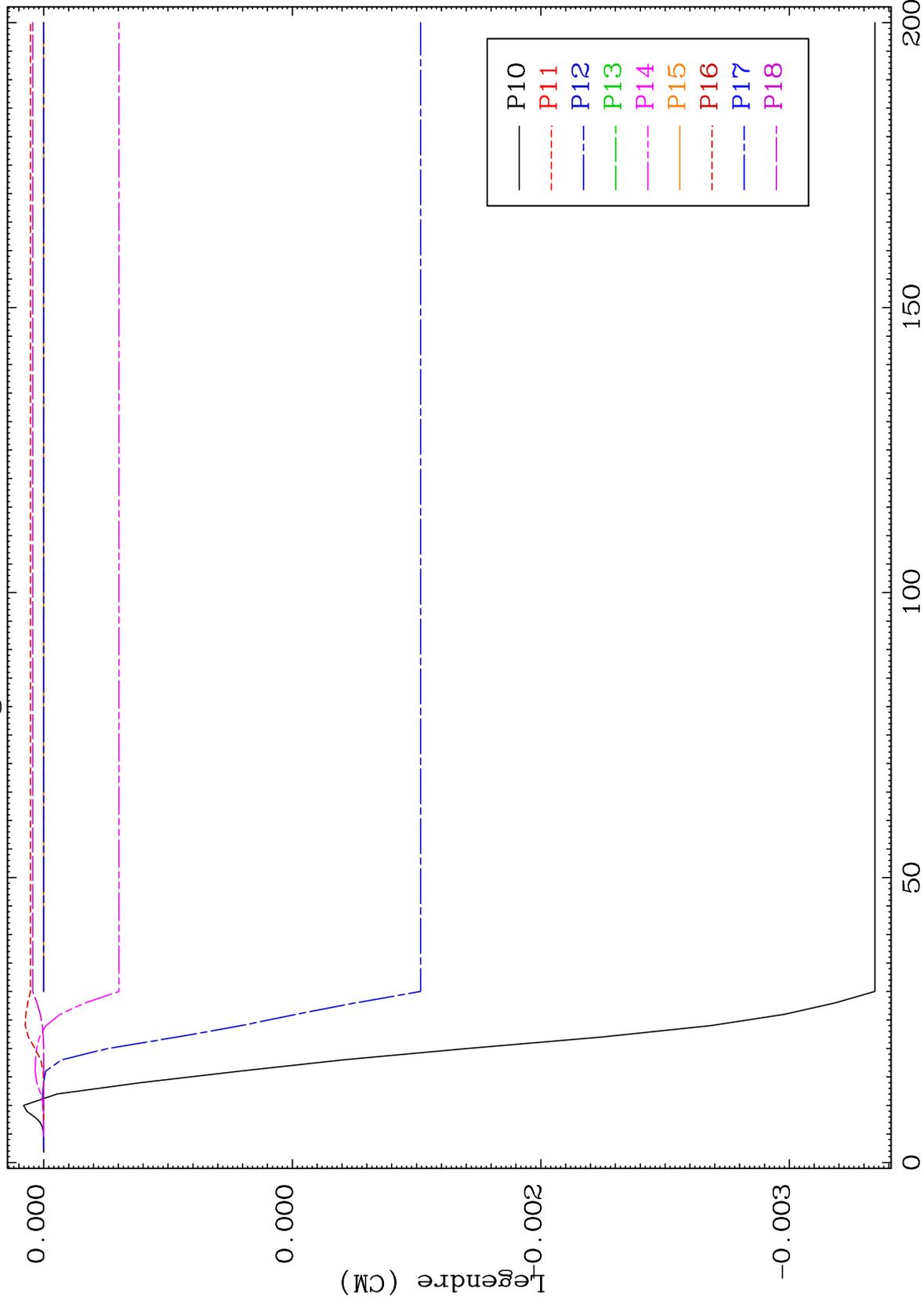




MAT 5234

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

52-Te-123



69

Incident Energy (MeV)

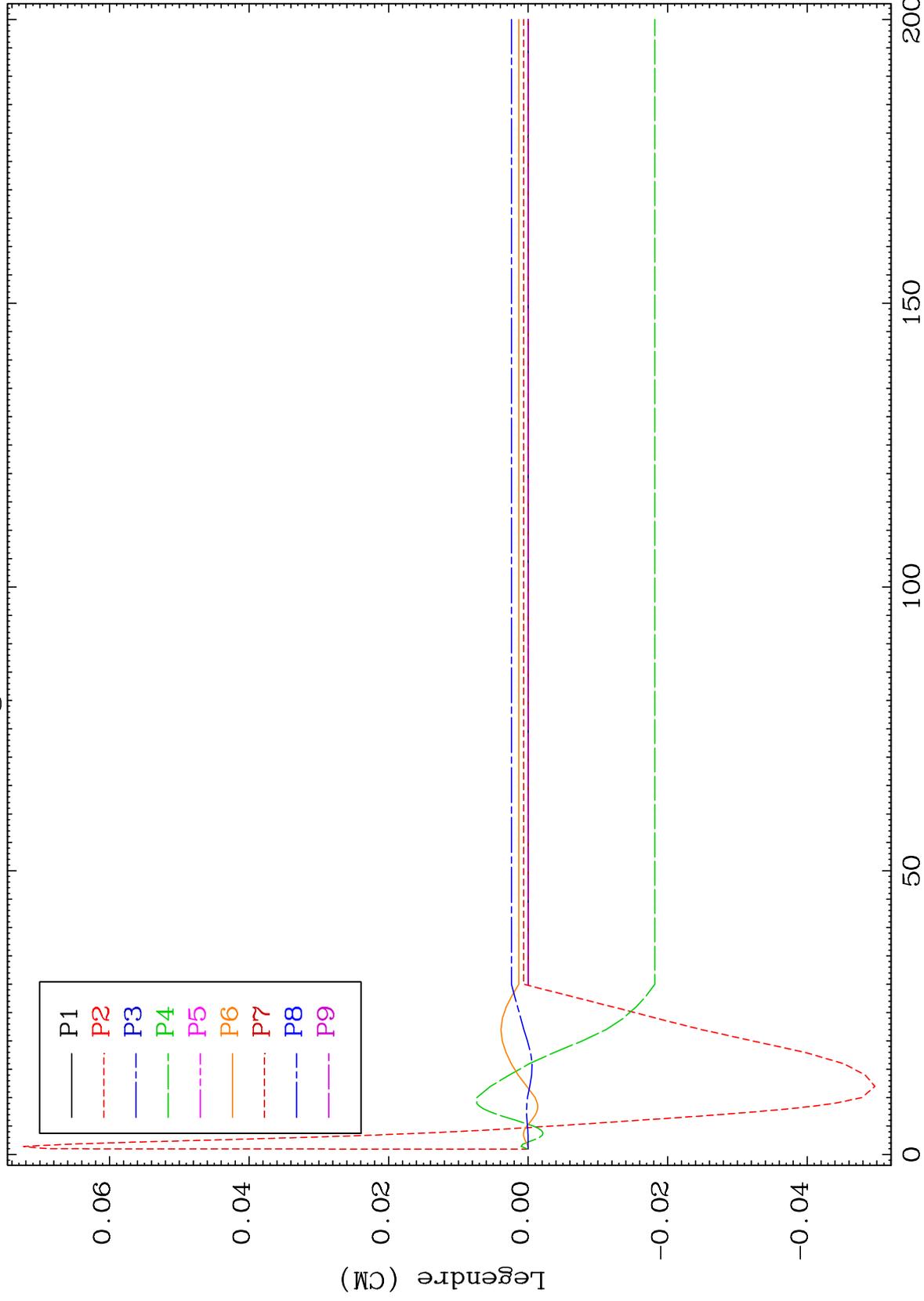
52-Te-123



MAT 5234

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

52-Te-123



71

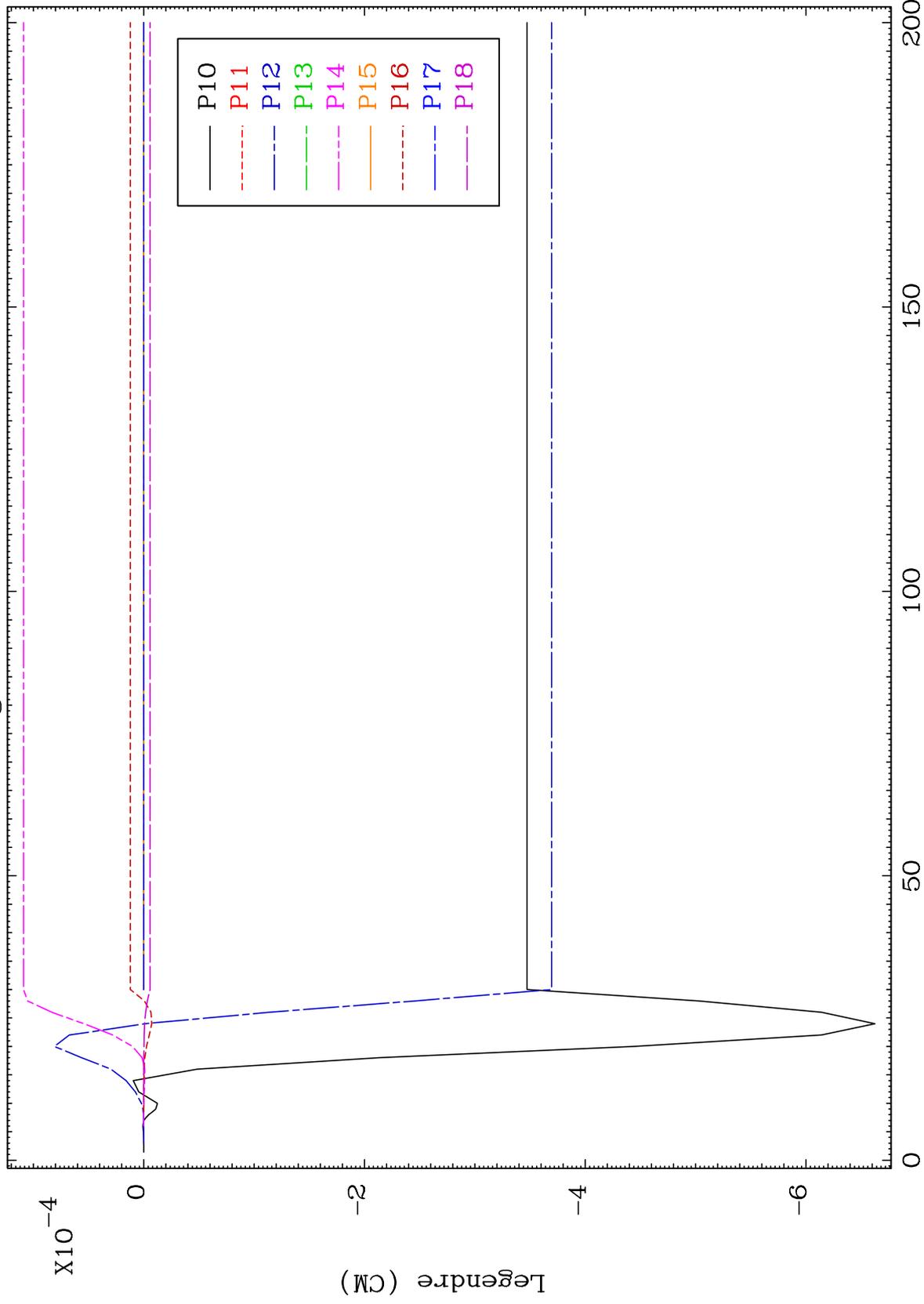
Incident Energy (MeV)

52-Te-123

MAT 5234

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

52-Te-123



72

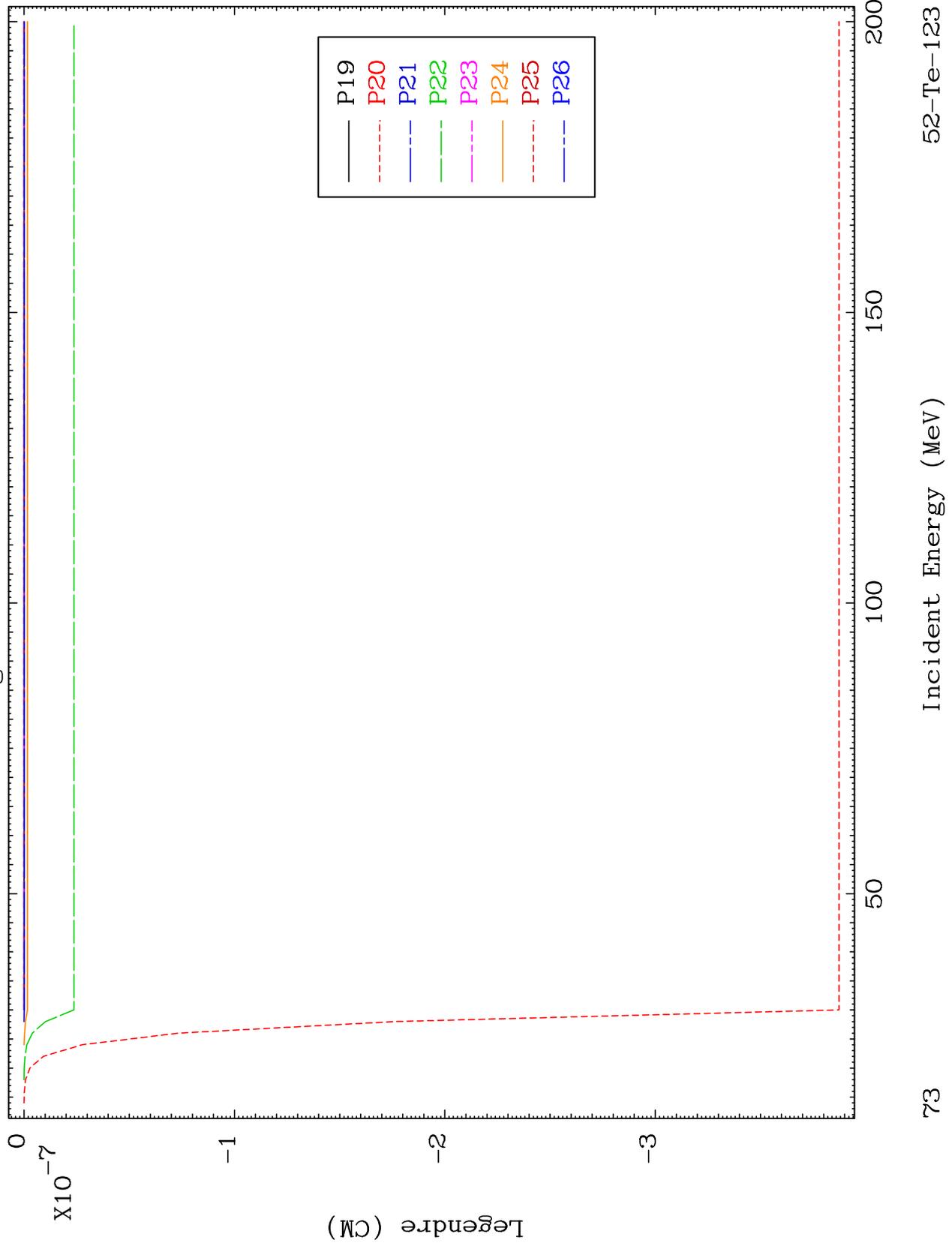
Incident Energy (MeV)

52-Te-123

MAT 5234

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

52-Te-123

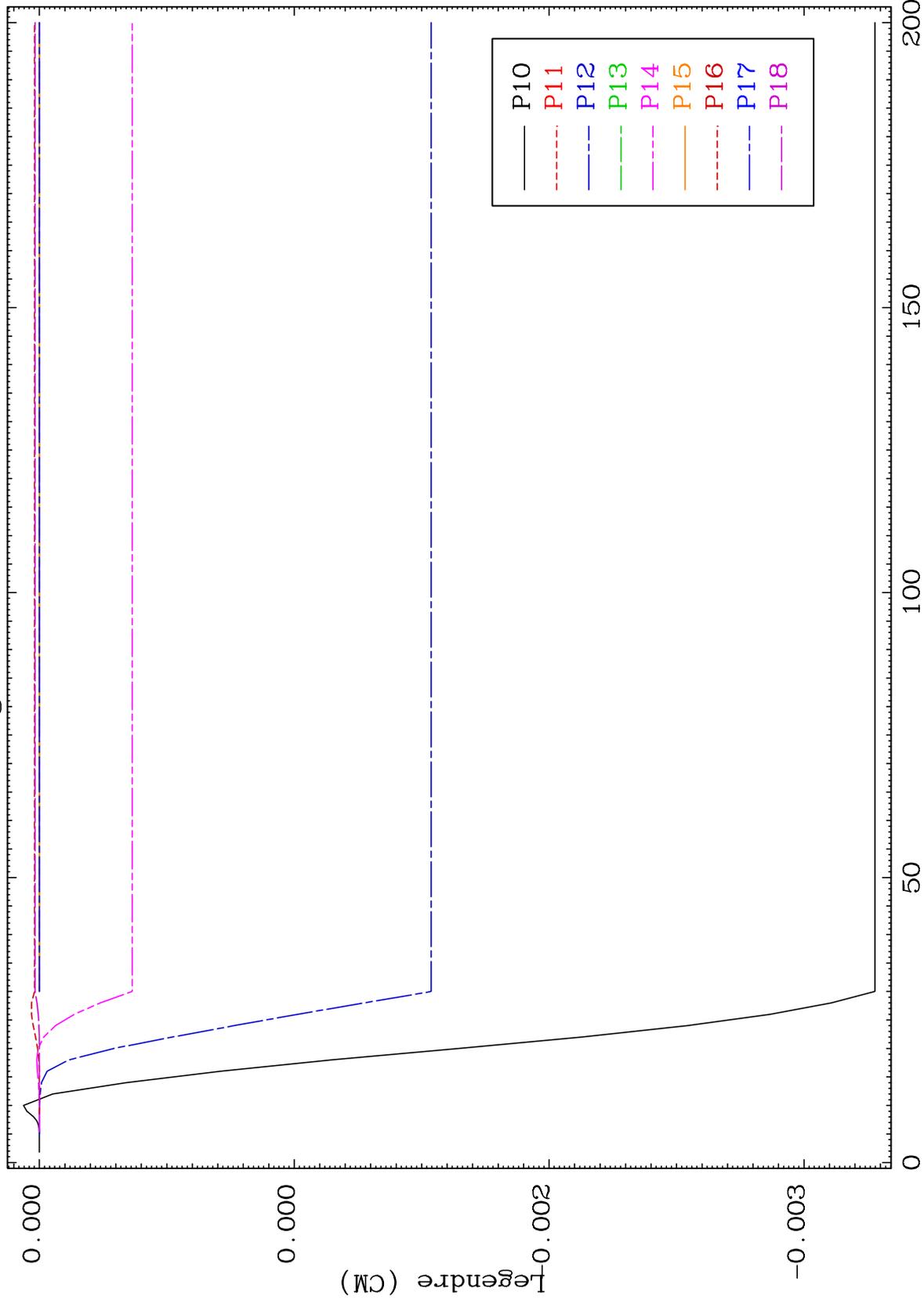




MAT 5234

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

52-Te-123



75

Incident Energy (MeV)

52-Te-123

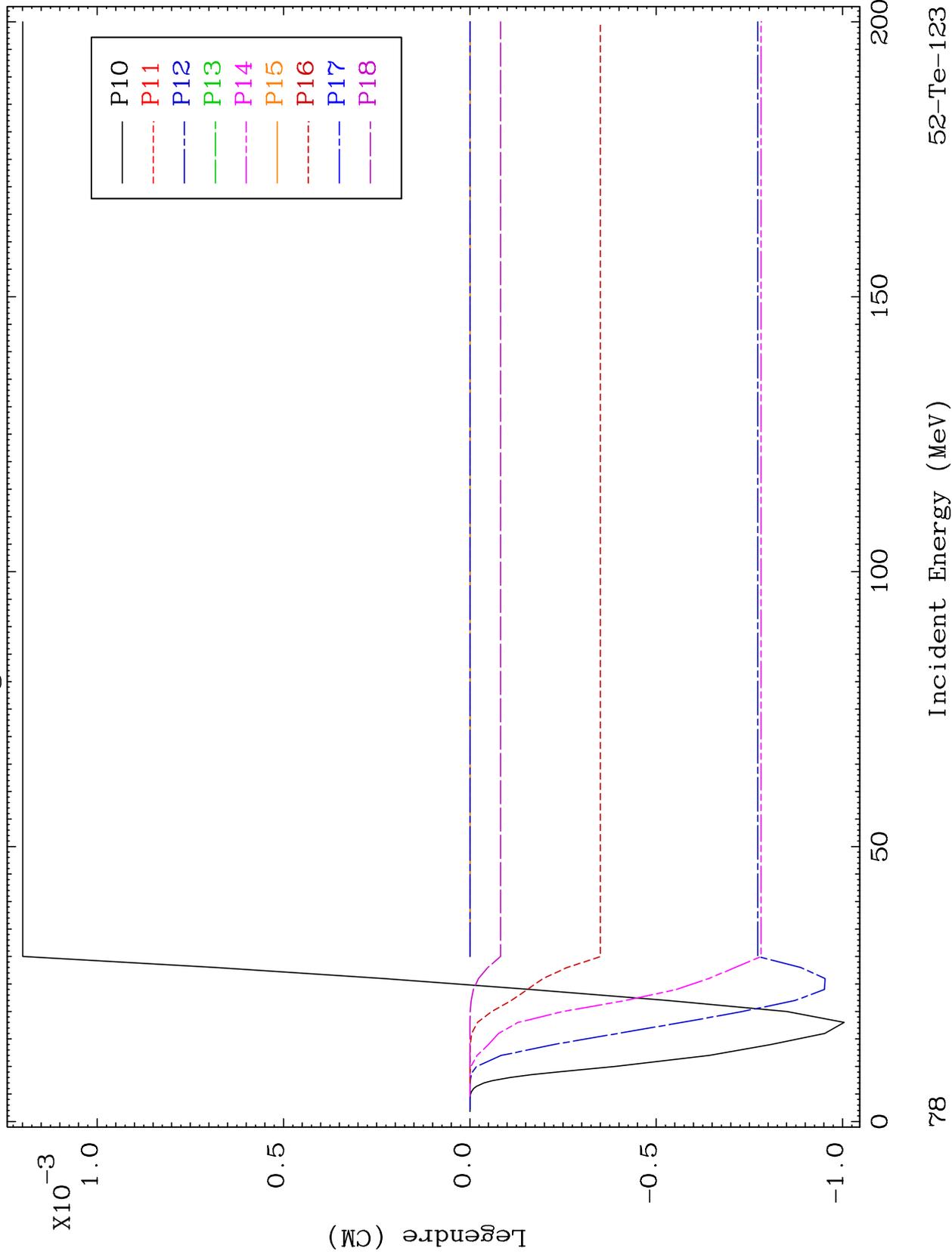


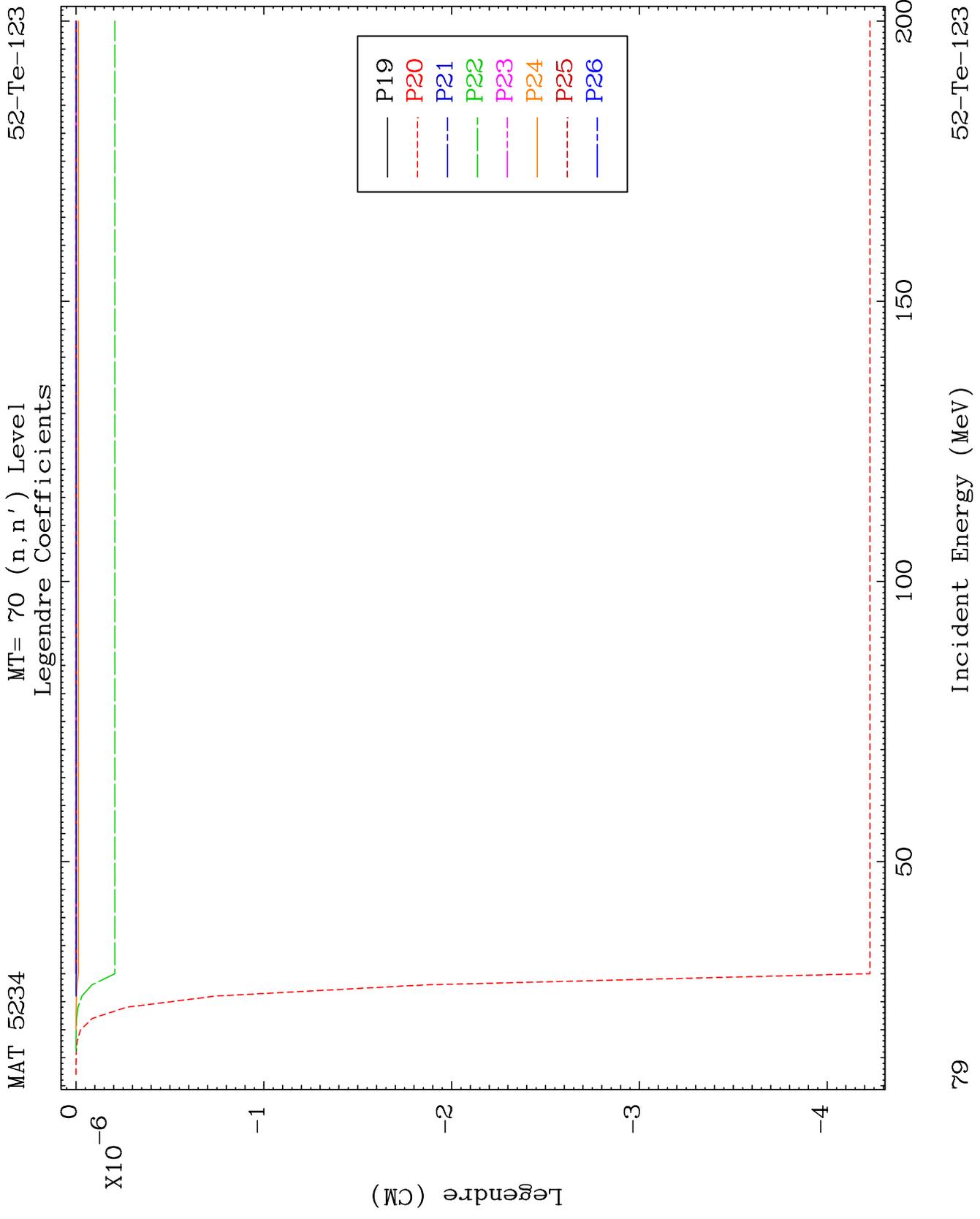


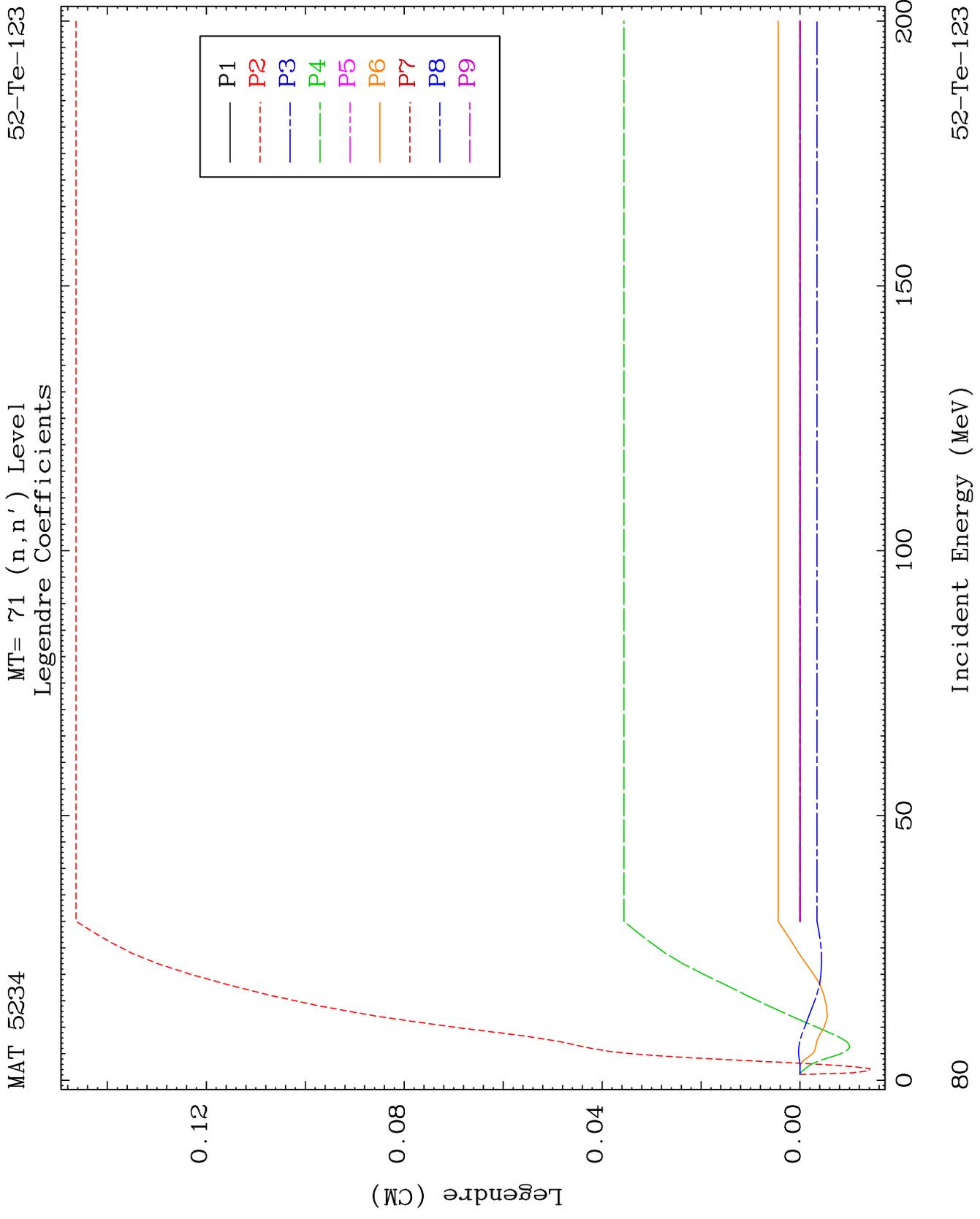
MAT 5234

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

52-Te-123



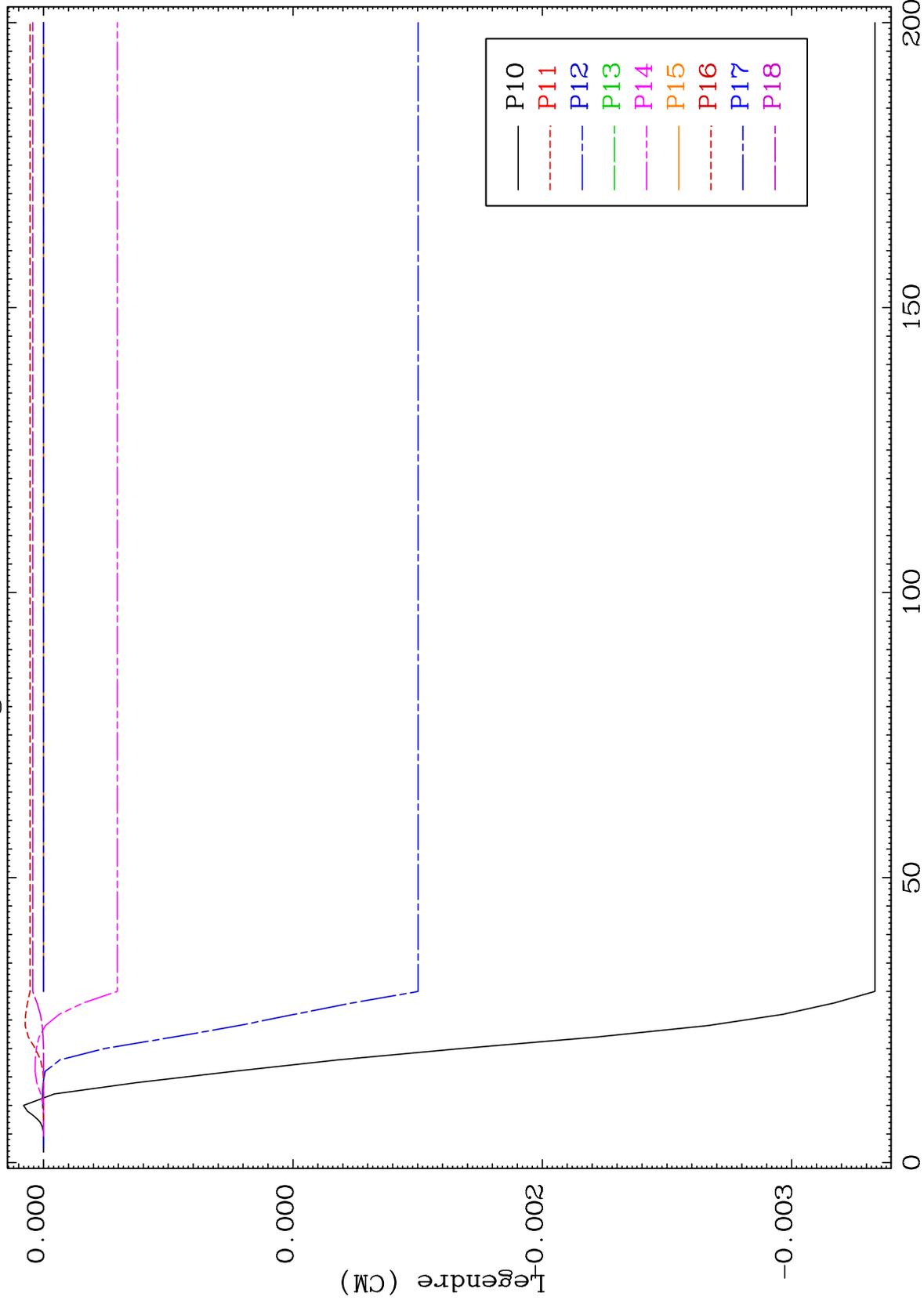




MAT 5234

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

52-Te-123



81

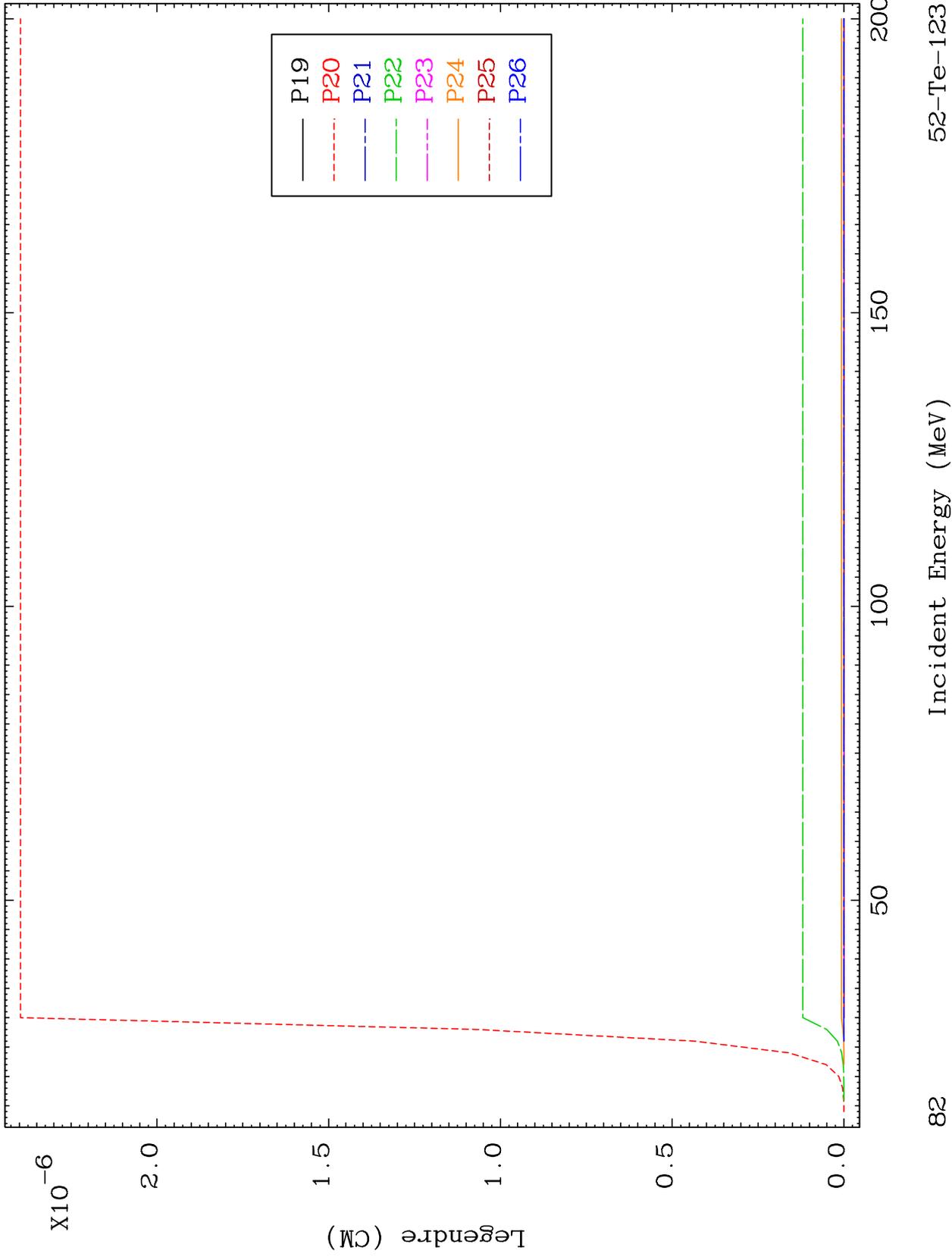
Incident Energy (MeV)

52-Te-123

MAT 5234

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

52-Te-123

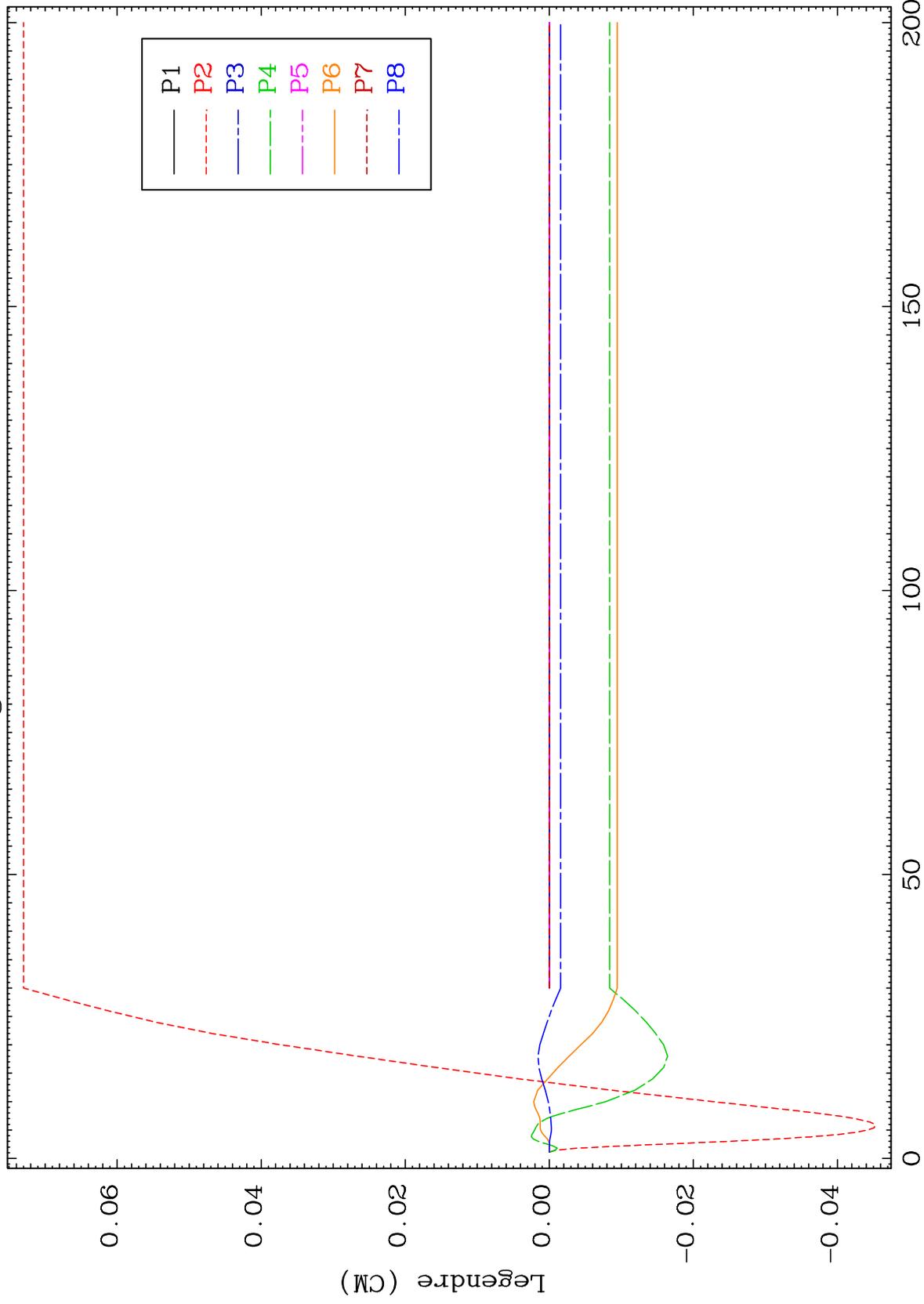


82

MAT 5234

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

52-Te-123



52-Te-123

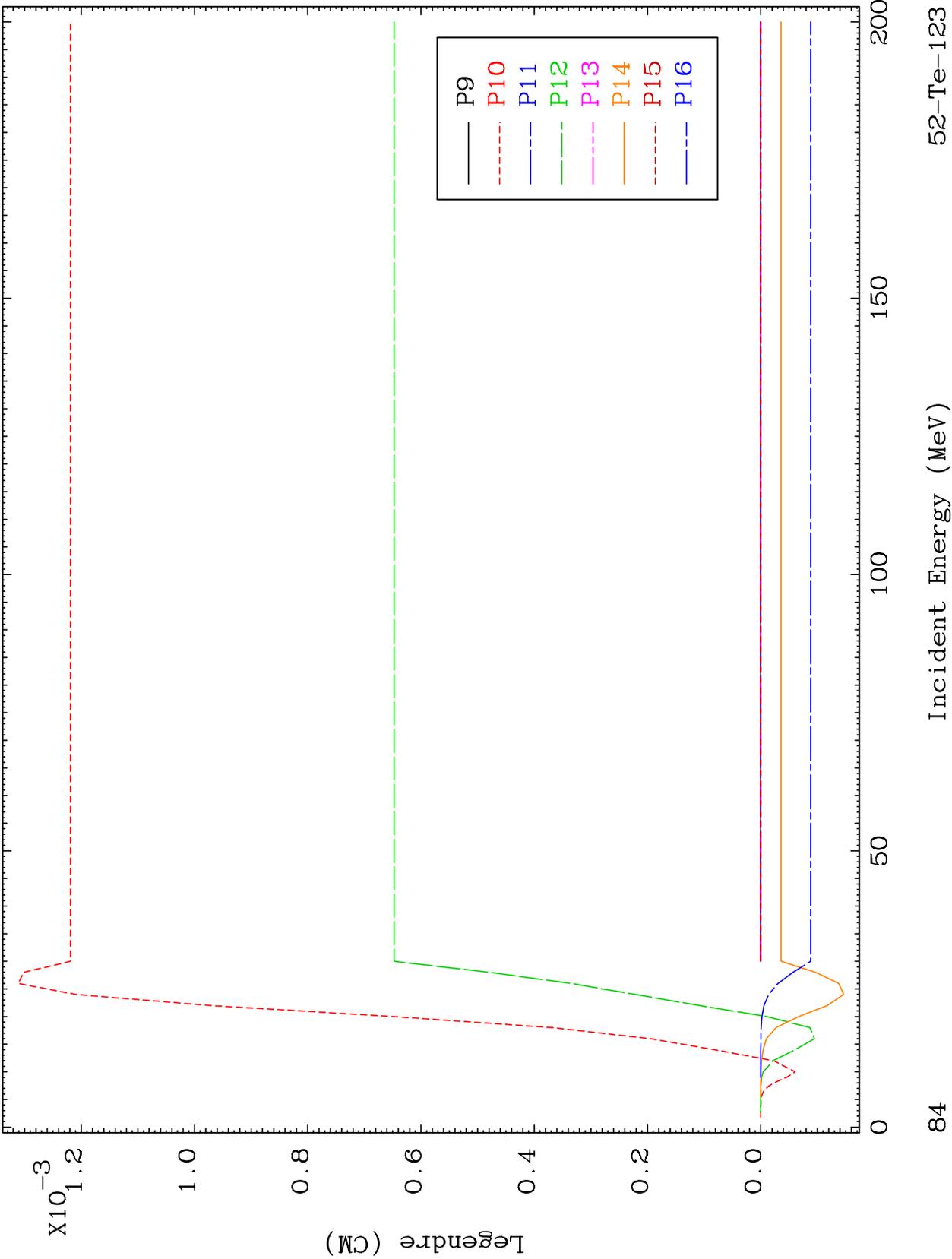
Incident Energy (MeV)

83

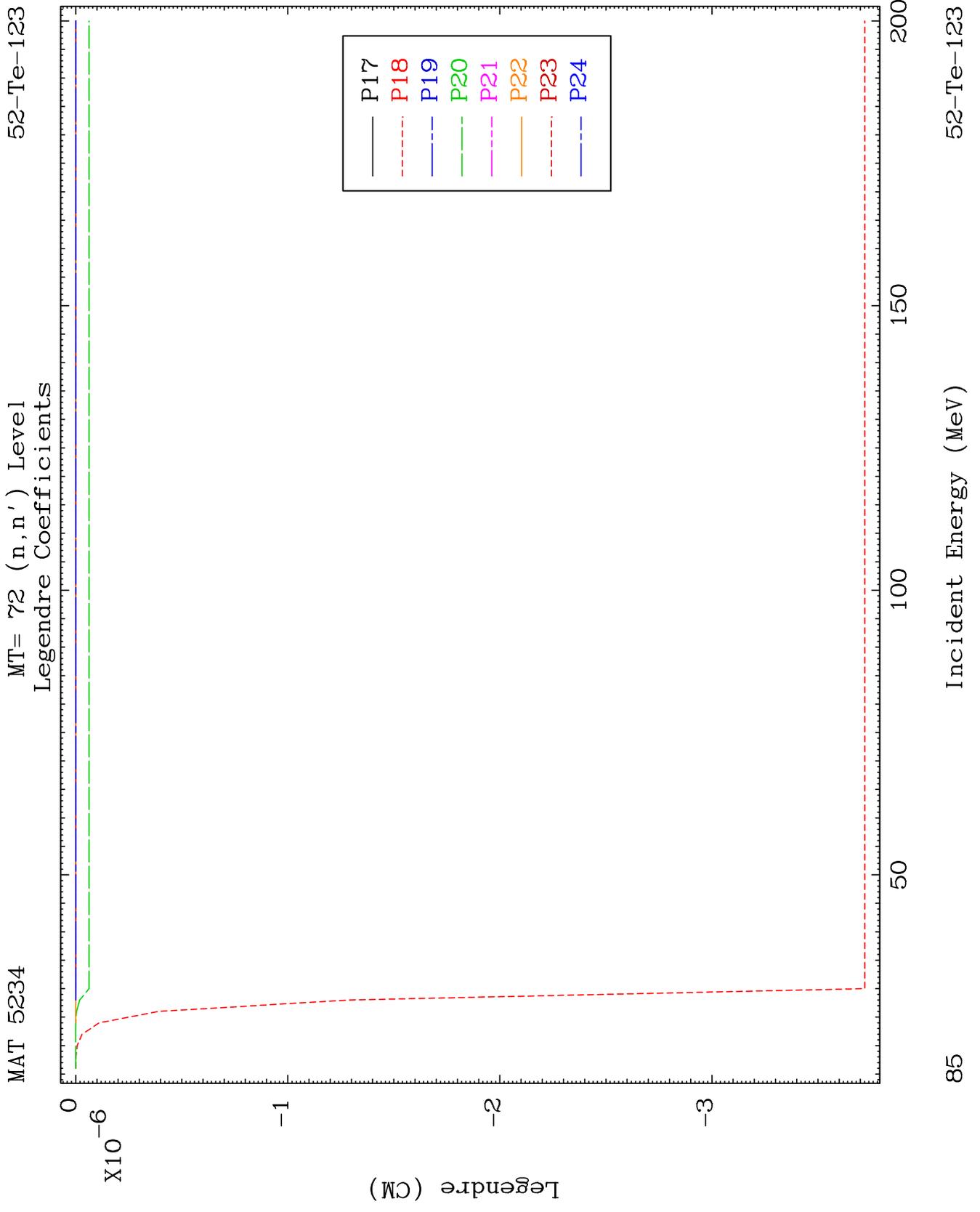
MAT 5234

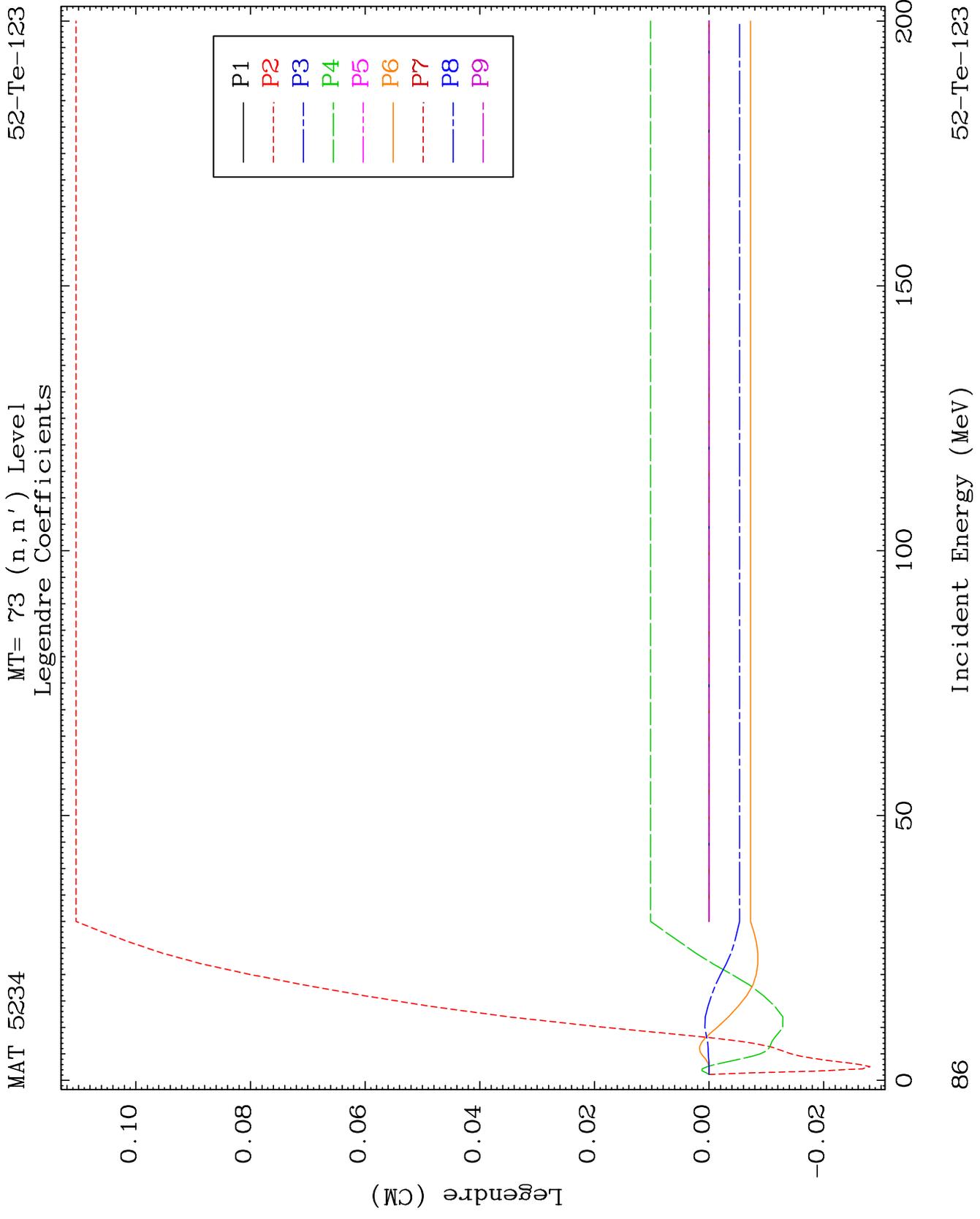
MT= 72 (n,n') Level  
Legendre Coefficients

52-Te-123



84

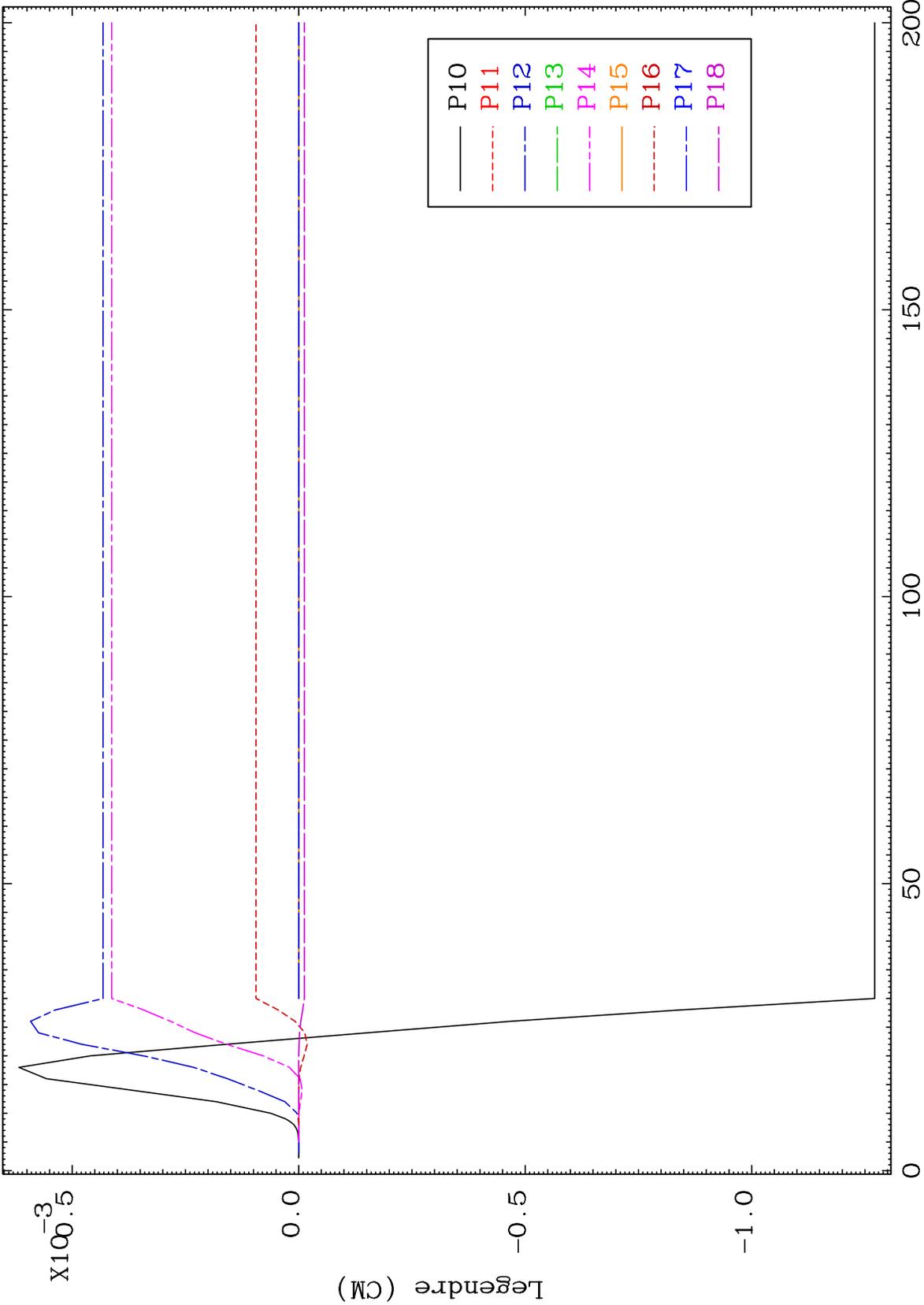




MAT 5234

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

52-Te-123



87

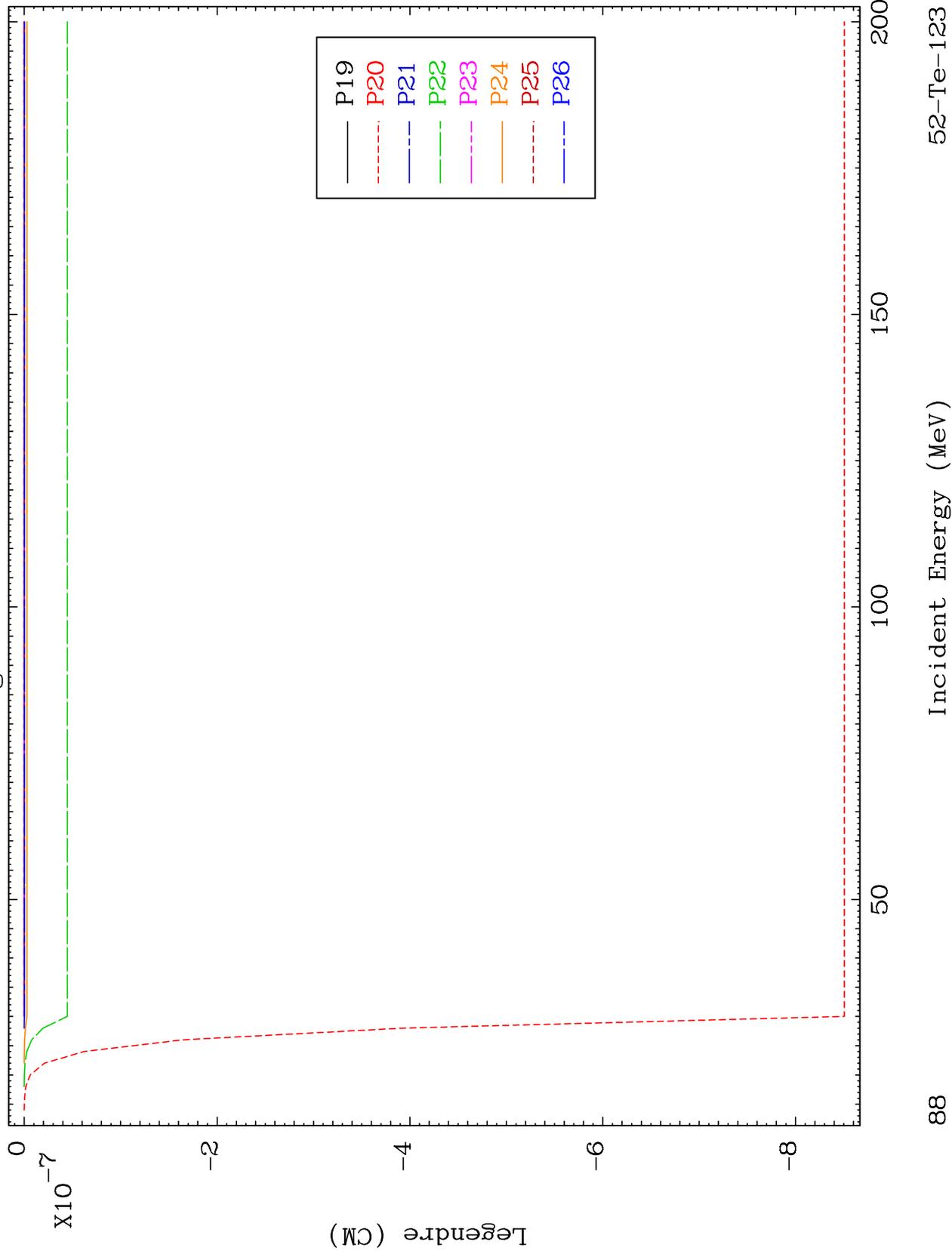
Incident Energy (MeV)

52-Te-123

MAT 5234

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

52-Te-123



88

Incident Energy (MeV)

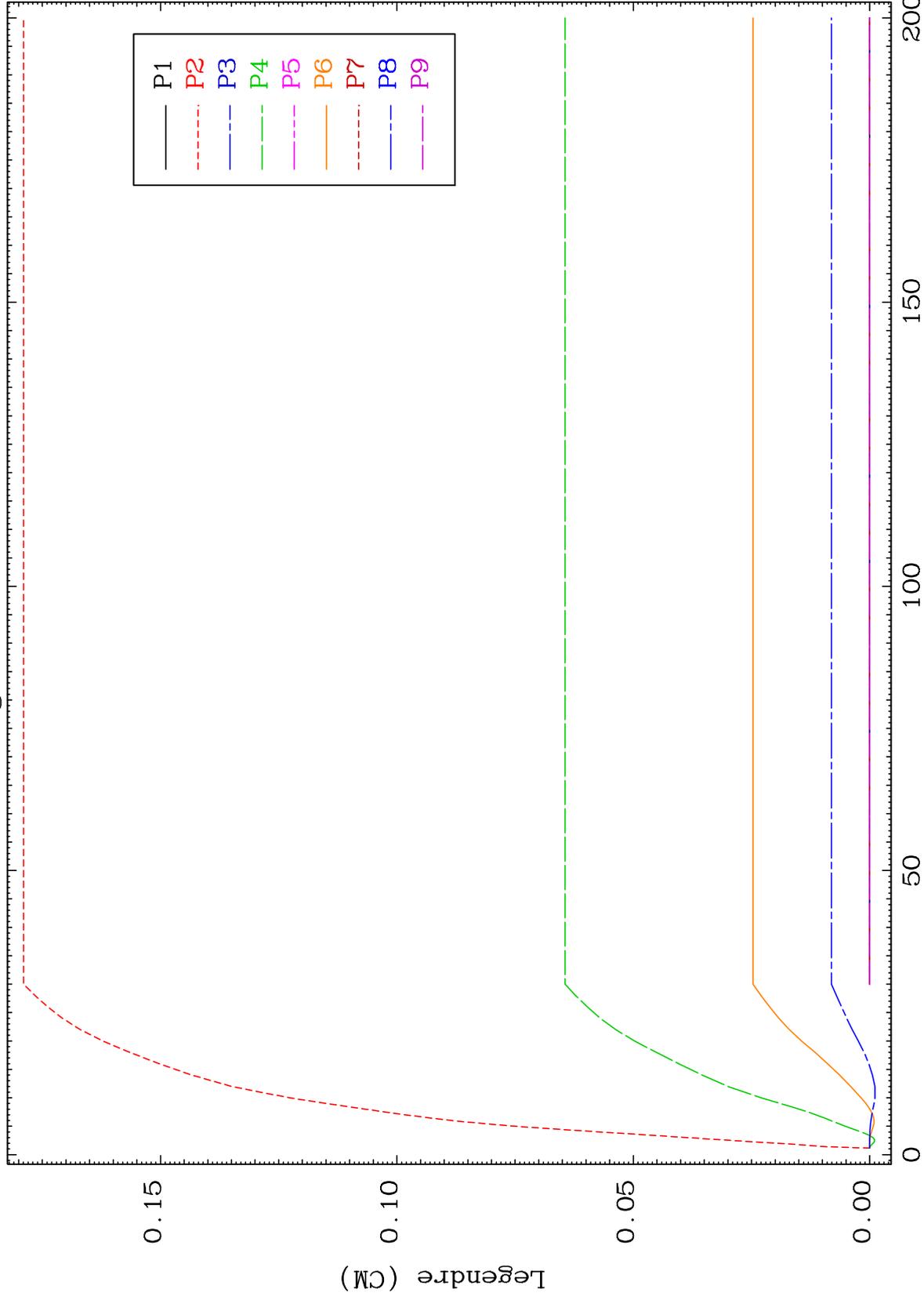
52-Te-123

MAT 5234

MT= 74 (n,n') Level

52-Te-123

Legendre Coefficients



52-Te-123

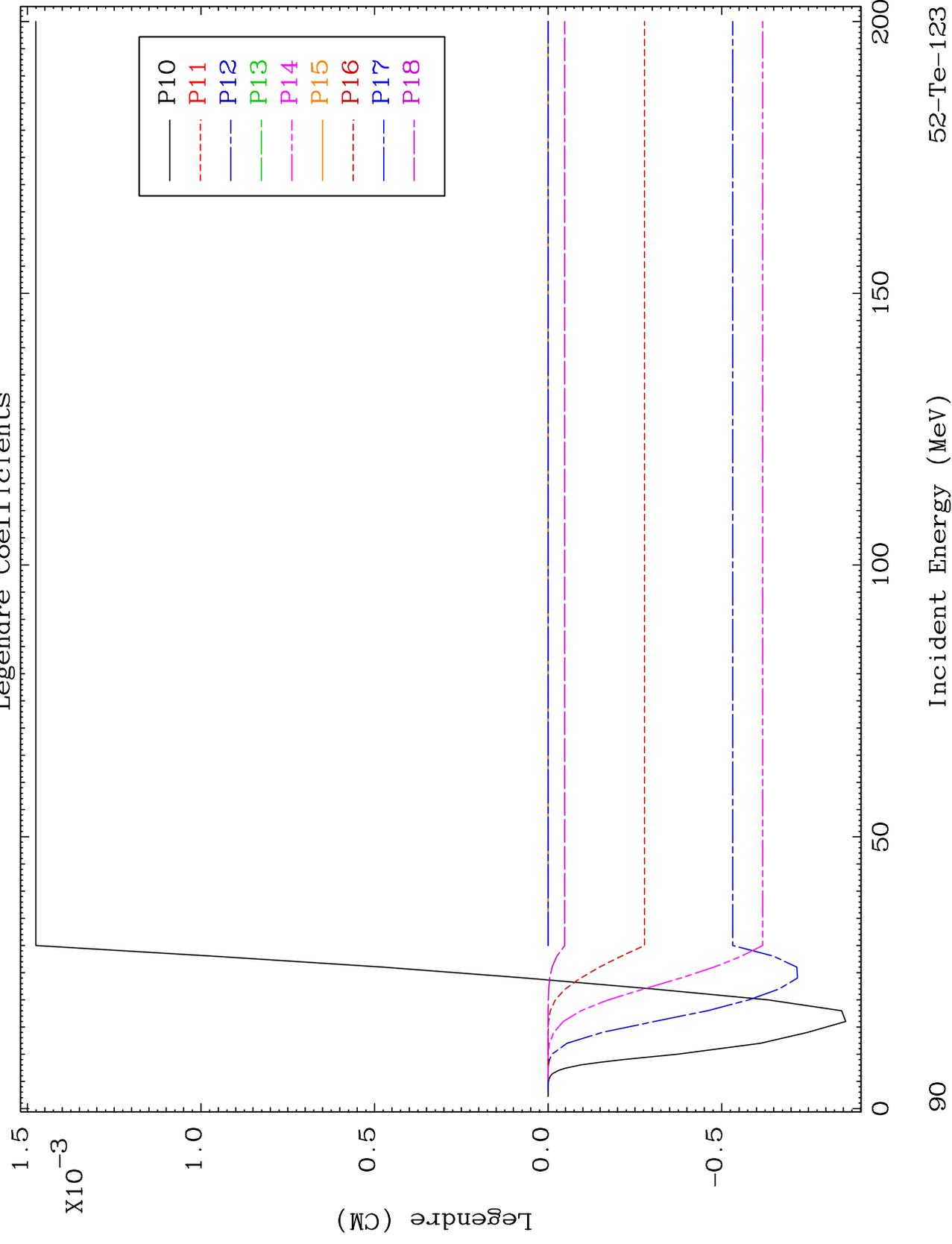
Incident Energy (MeV)

89

MAT 5234

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

52-Te-123



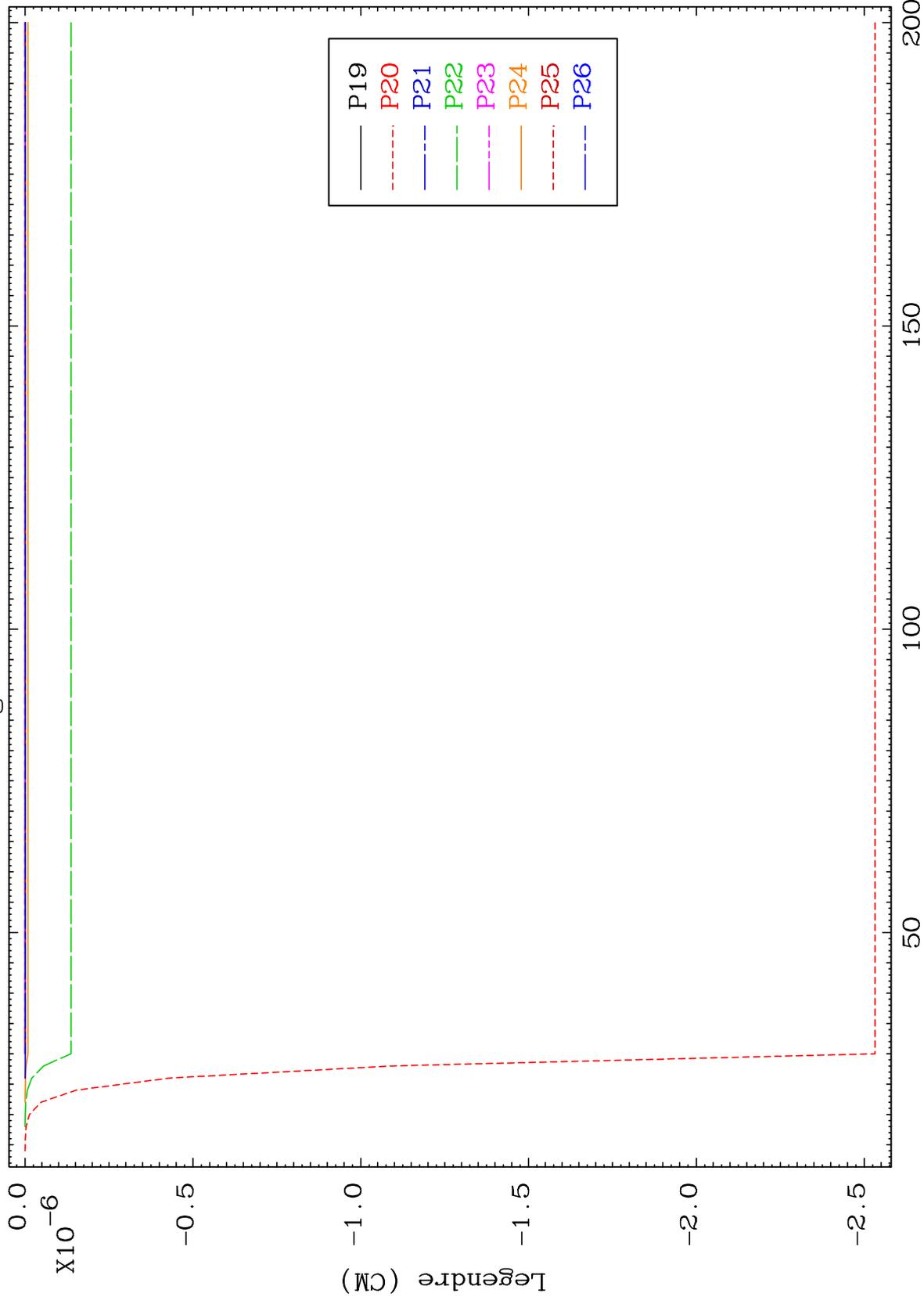
52-Te-123

Incident Energy (MeV)

MAT 5234

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

52-Te-123



52-Te-123

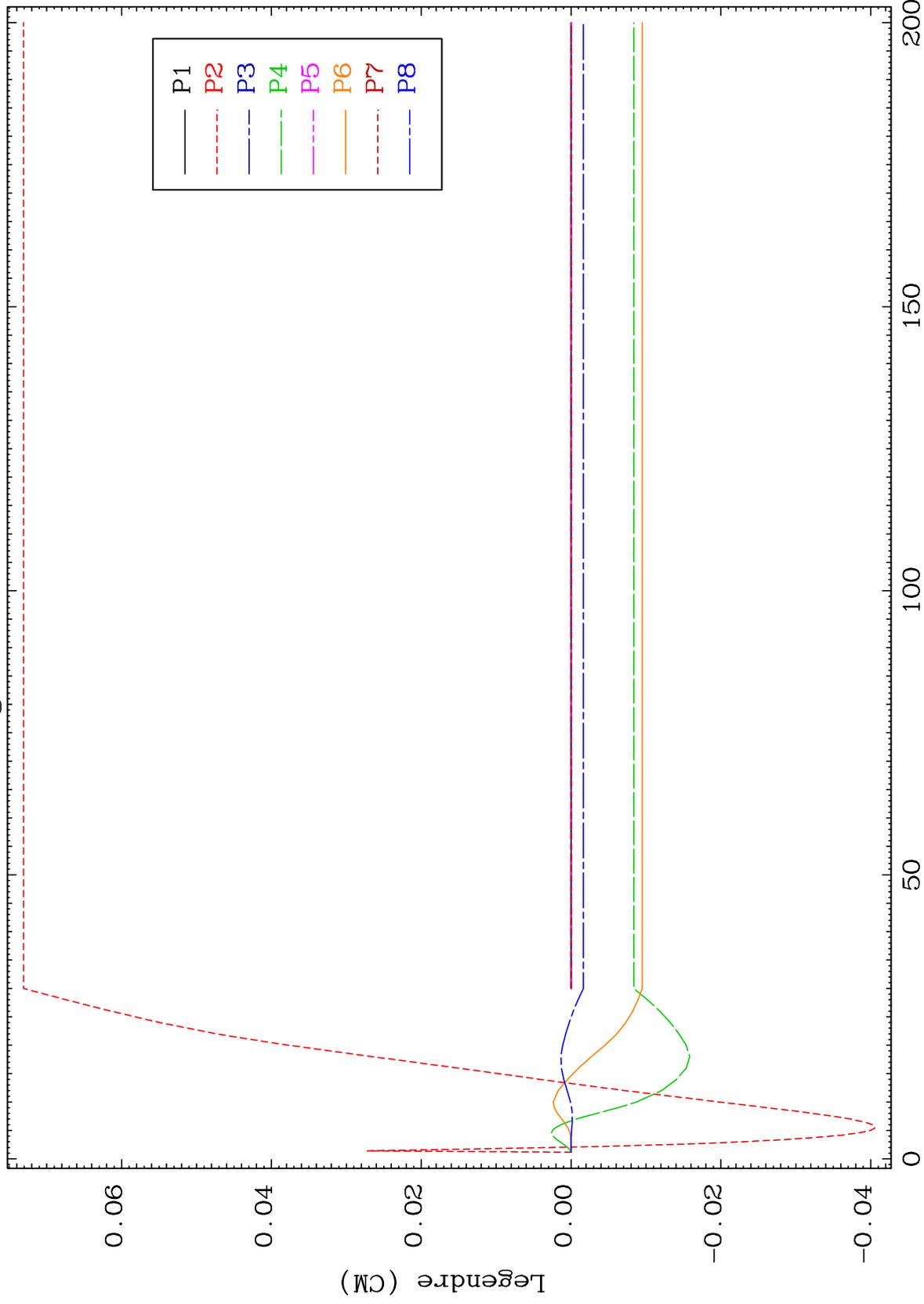
Incident Energy (MeV)

91

MAT 5234

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

52-Te-123



52-Te-123

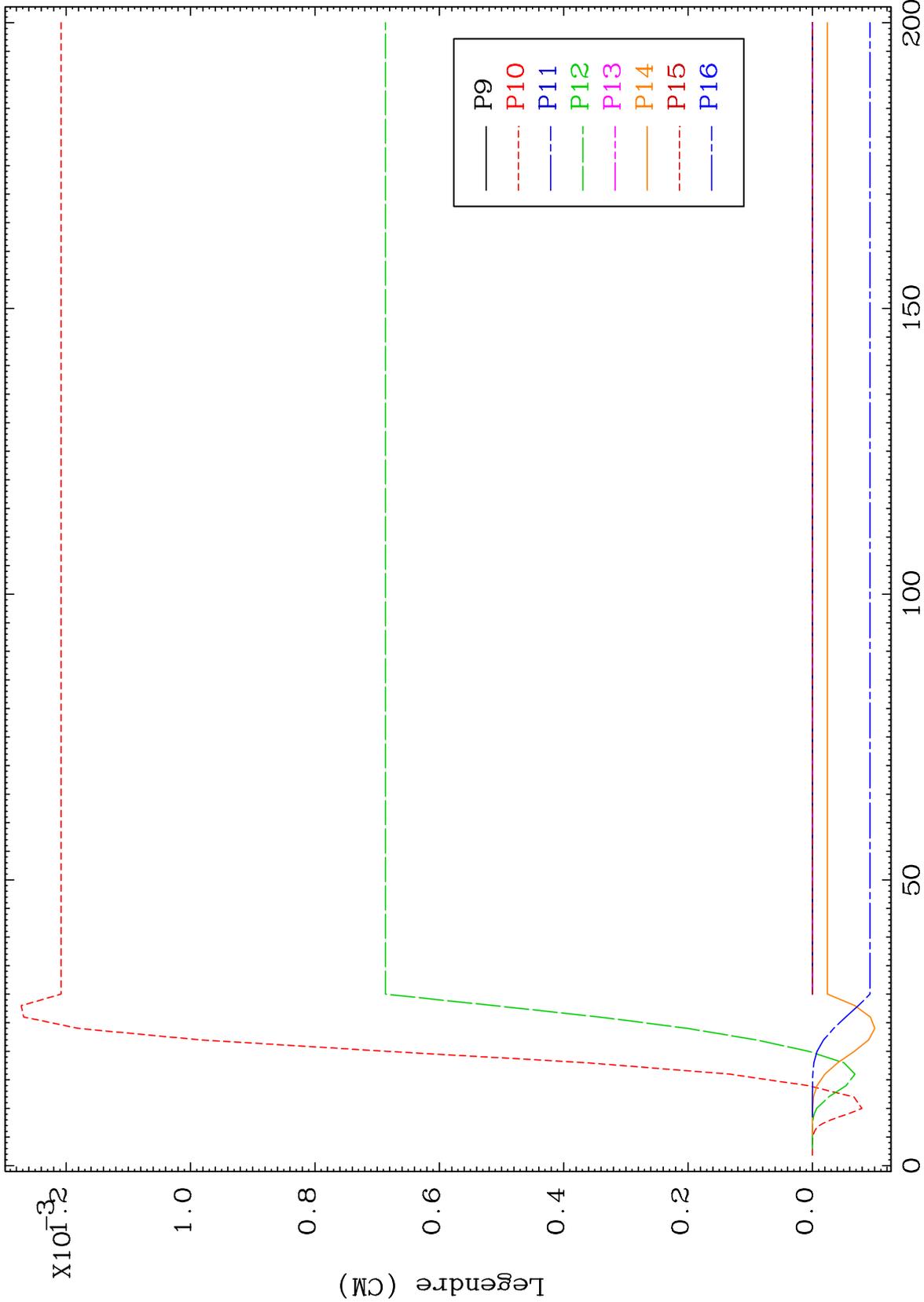
Incident Energy (MeV)

92

MAT 5234

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

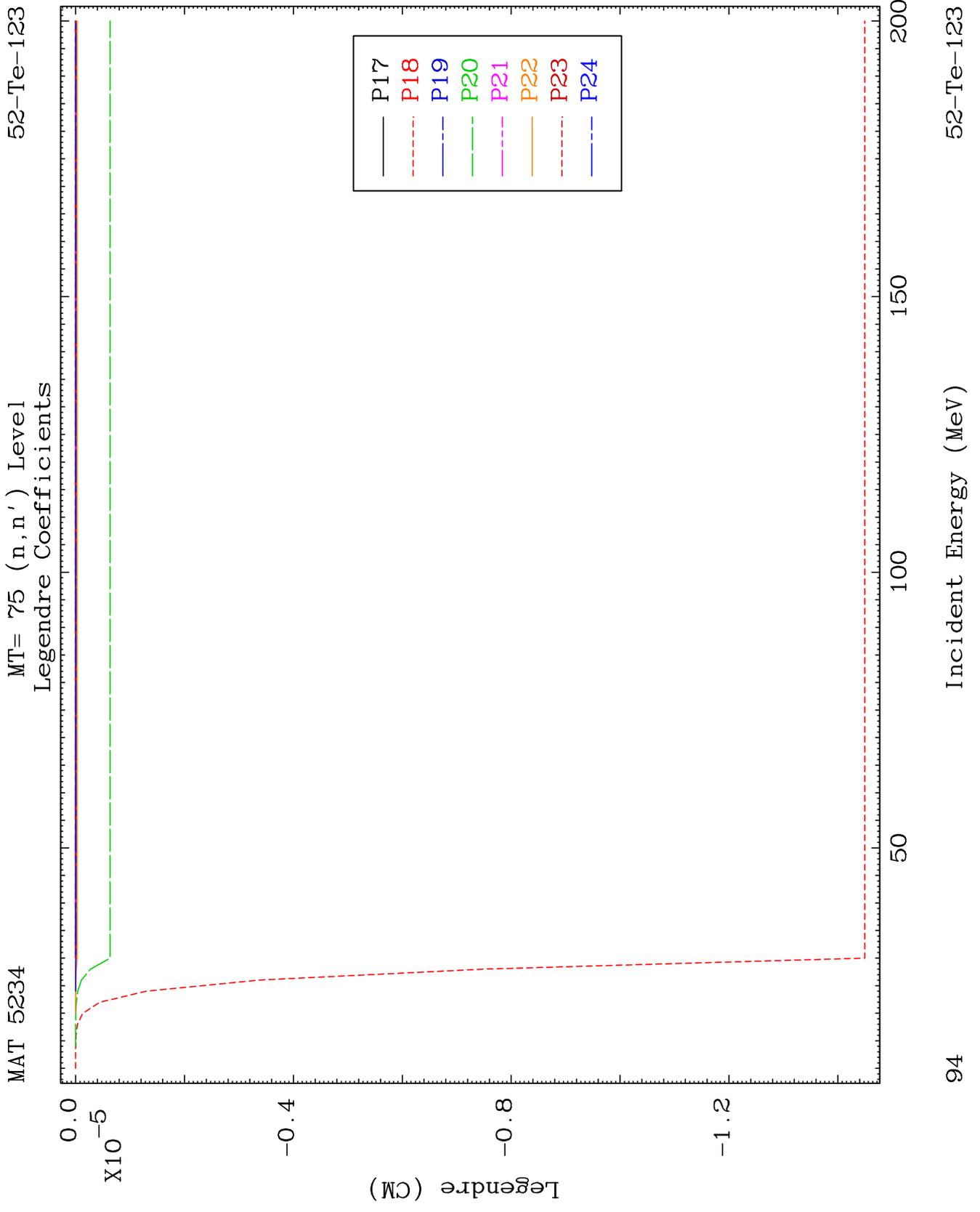
52-Te-123

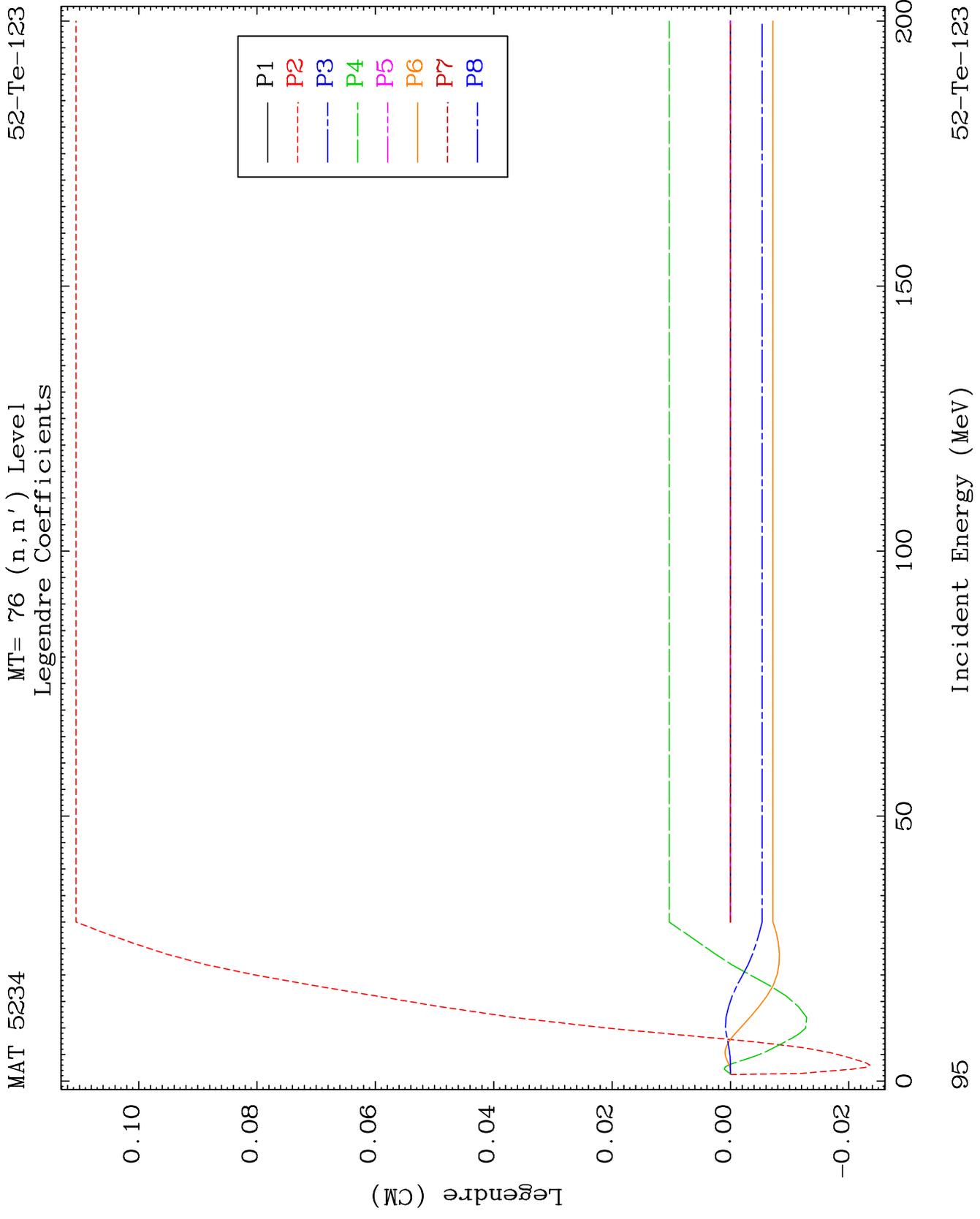


93

Incident Energy (MeV)

52-Te-123

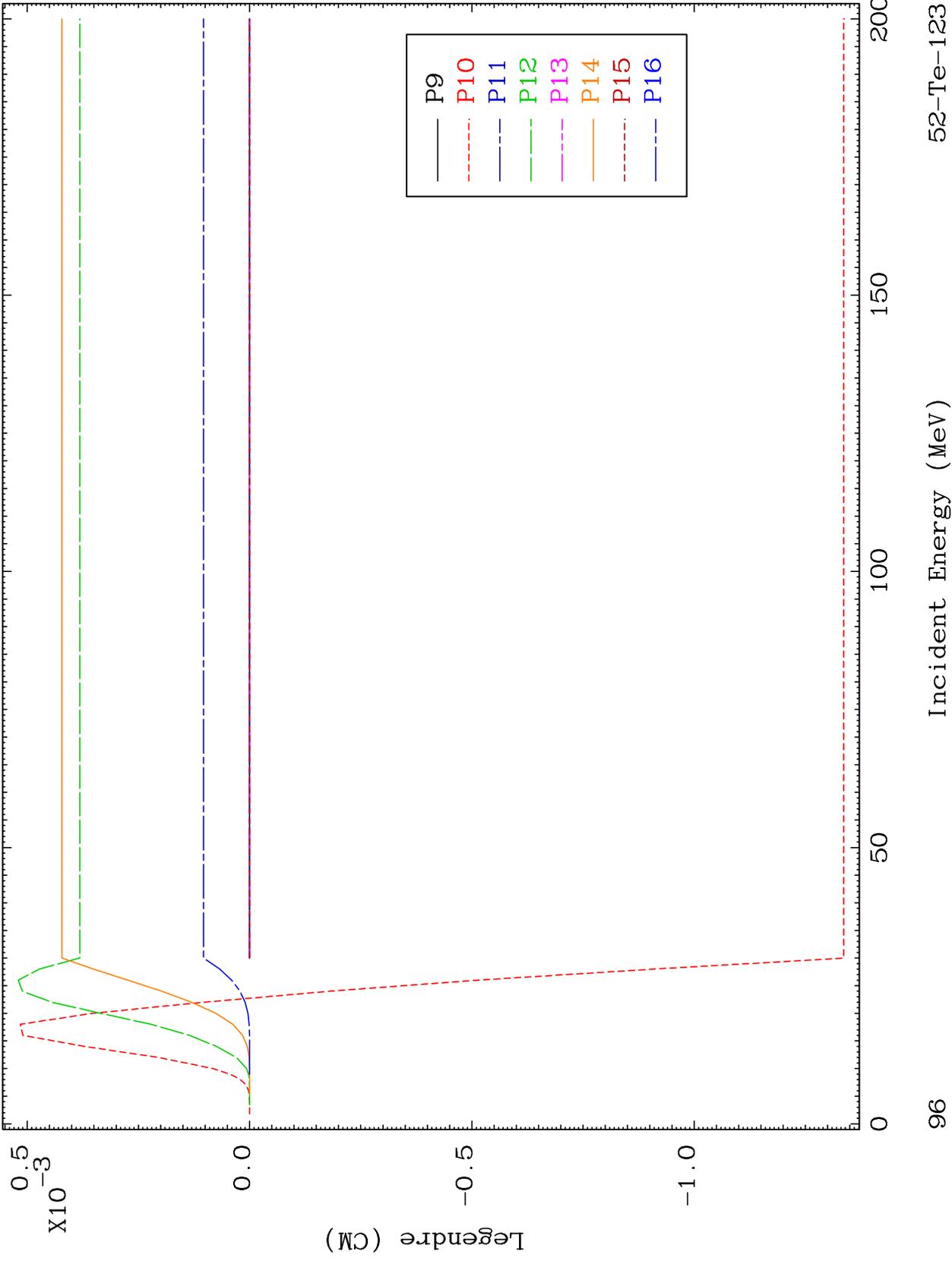




MAT 5234

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

52-Te-123



52-Te-123

Incident Energy (MeV)

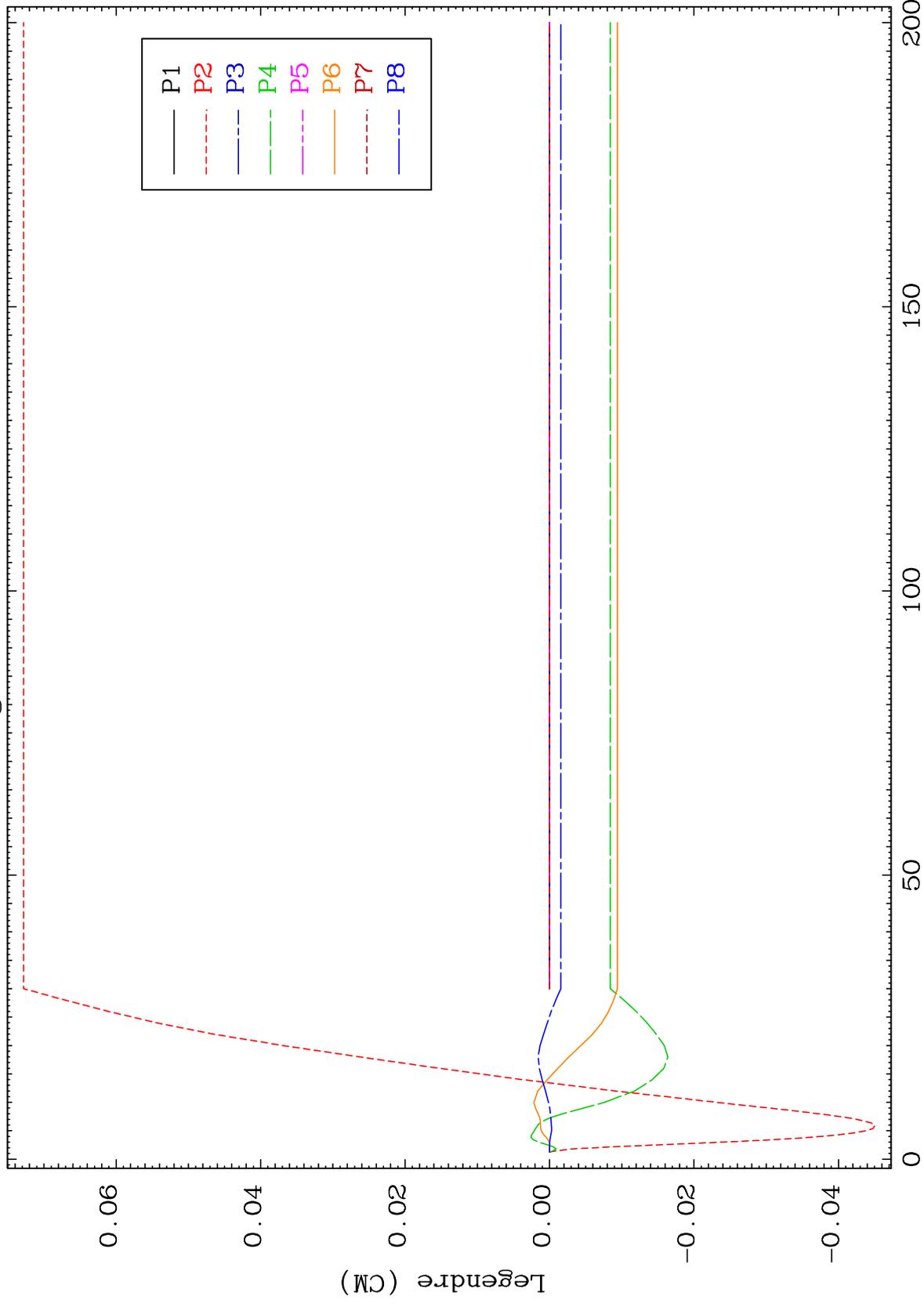
96



MAT 5234

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

52-Te-123



52-Te-123

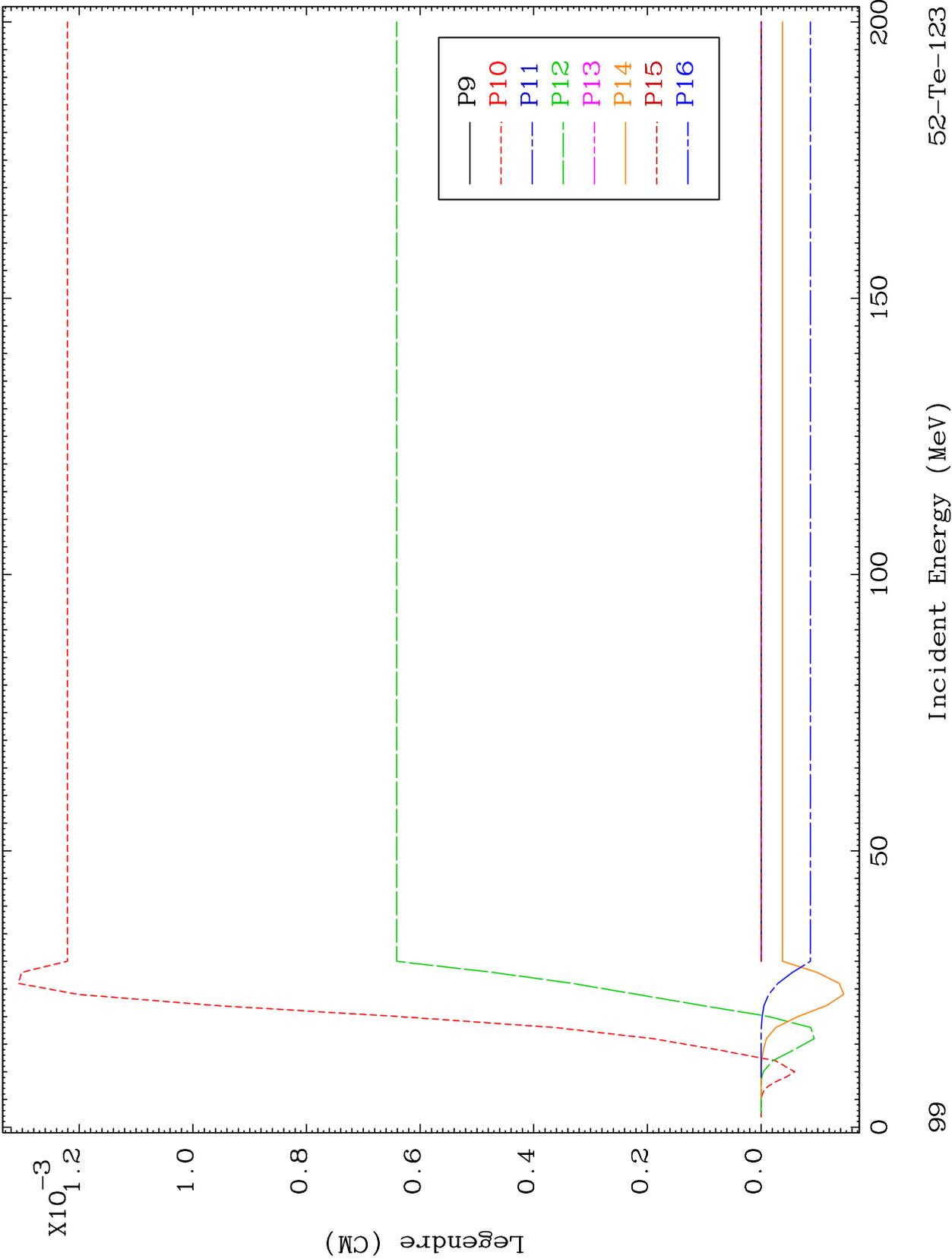
Incident Energy (MeV)

98

MAT 5234

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

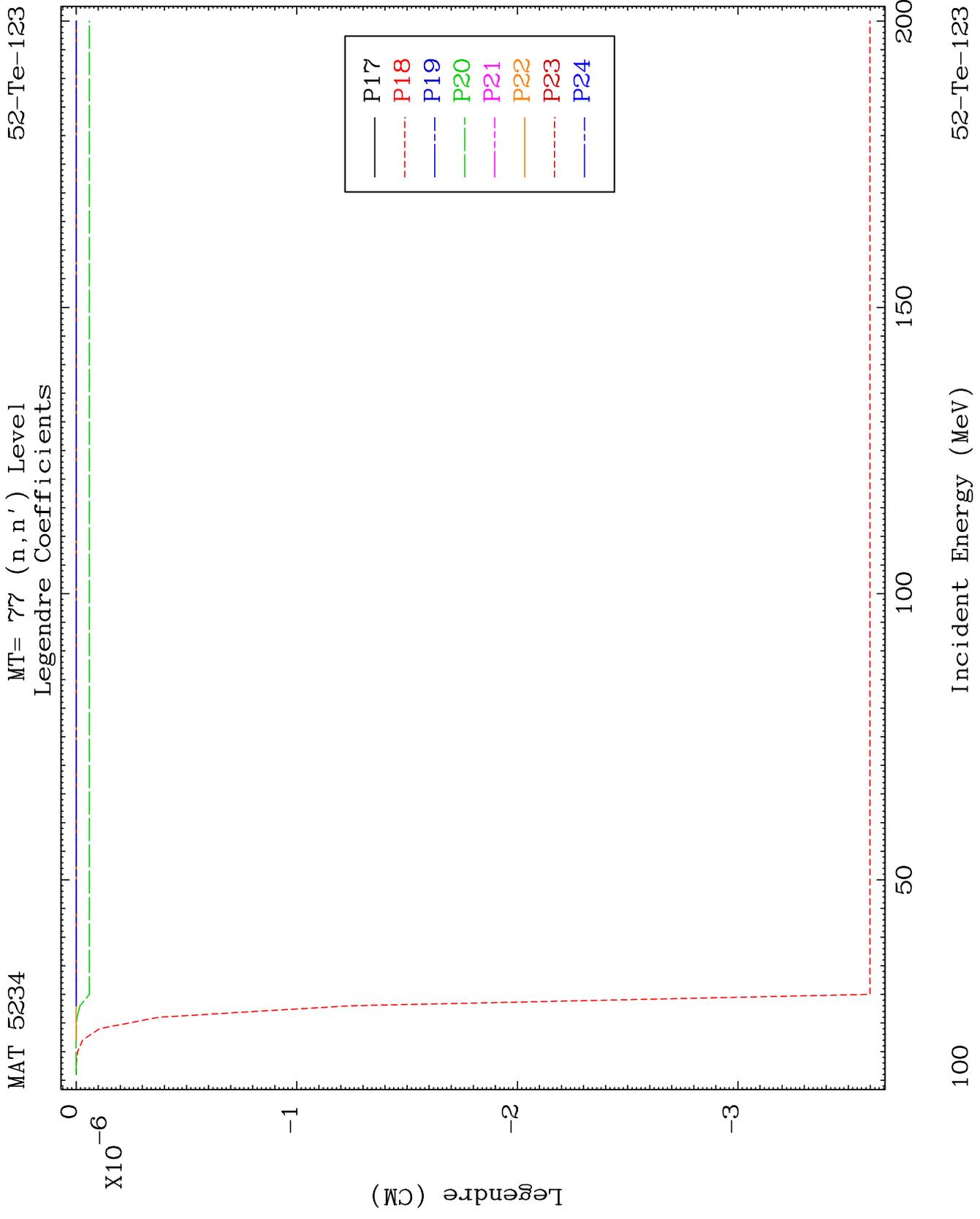
52-Te-123



52-Te-123

Incident Energy (MeV)

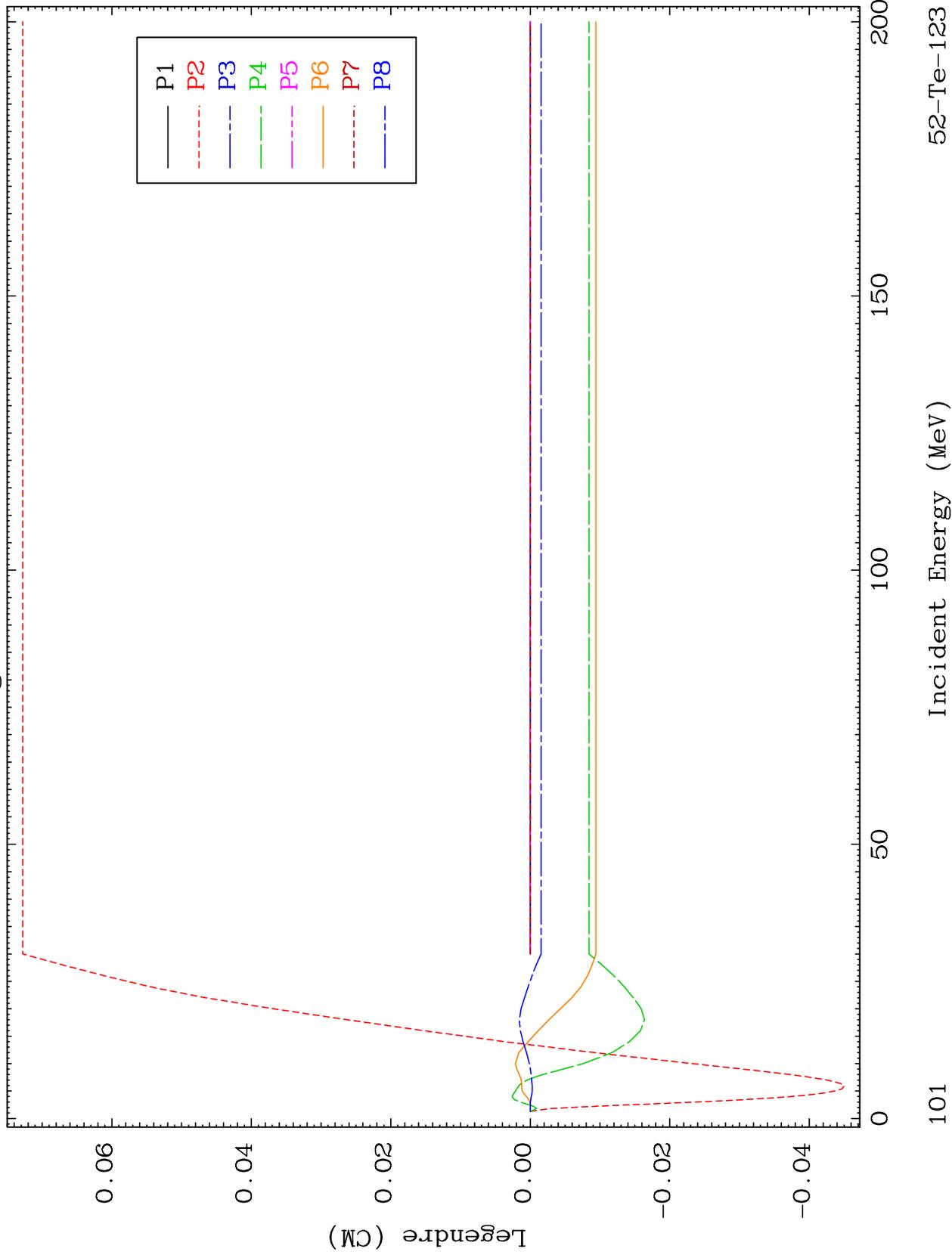
99



MAT 5234

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

52-Te-123

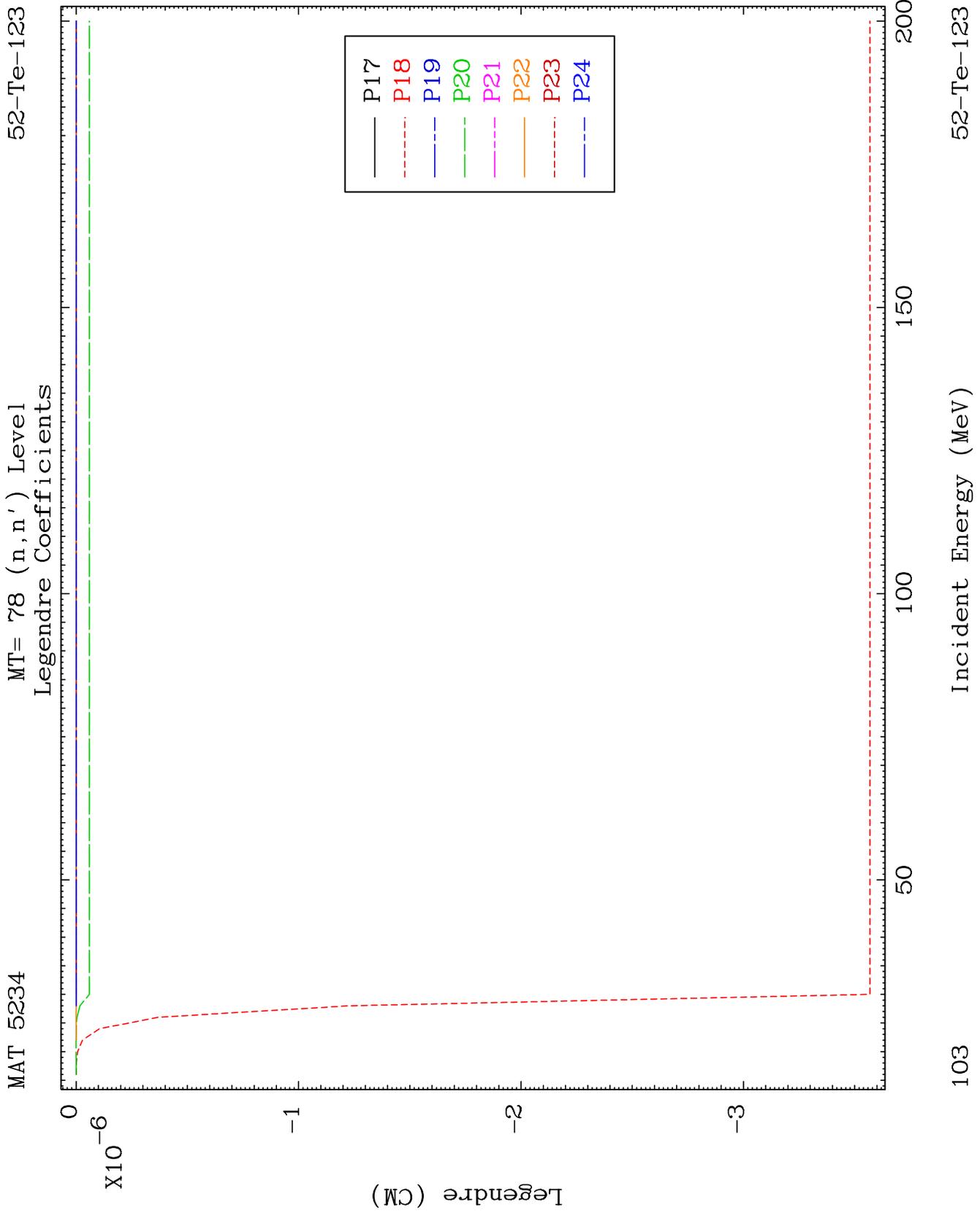


101

Incident Energy (MeV)

52-Te-123

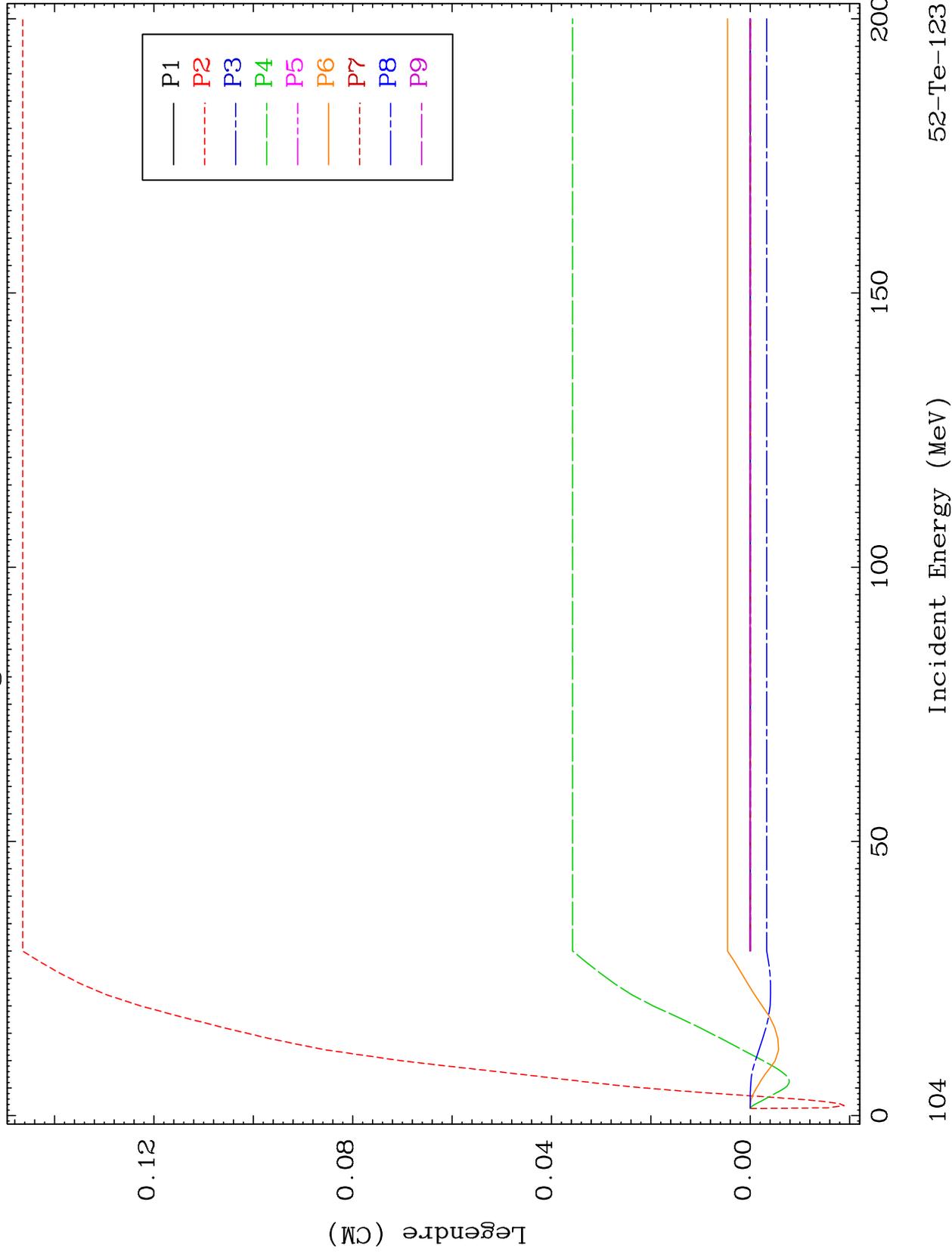




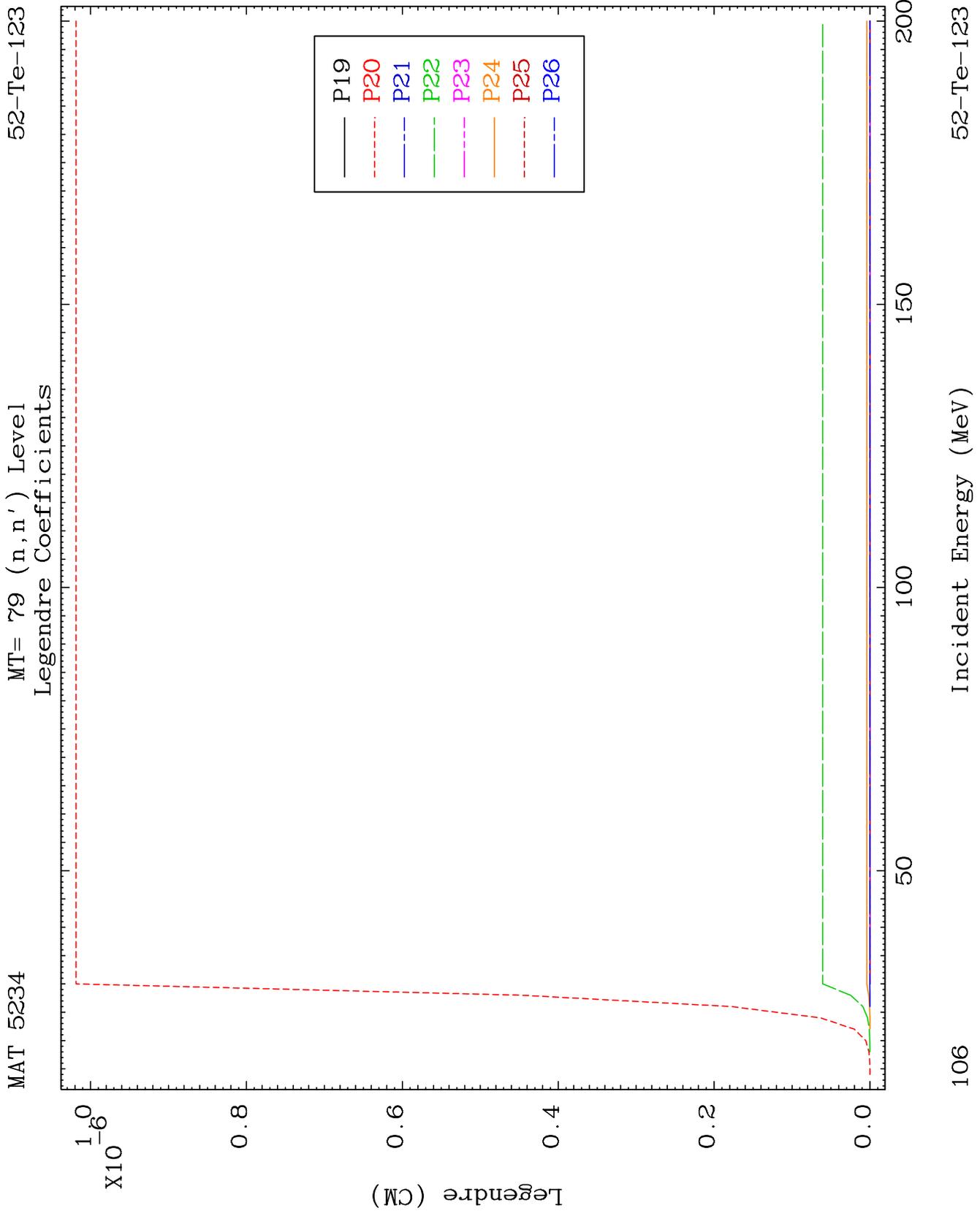
MAT 5234

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

52-Te-123



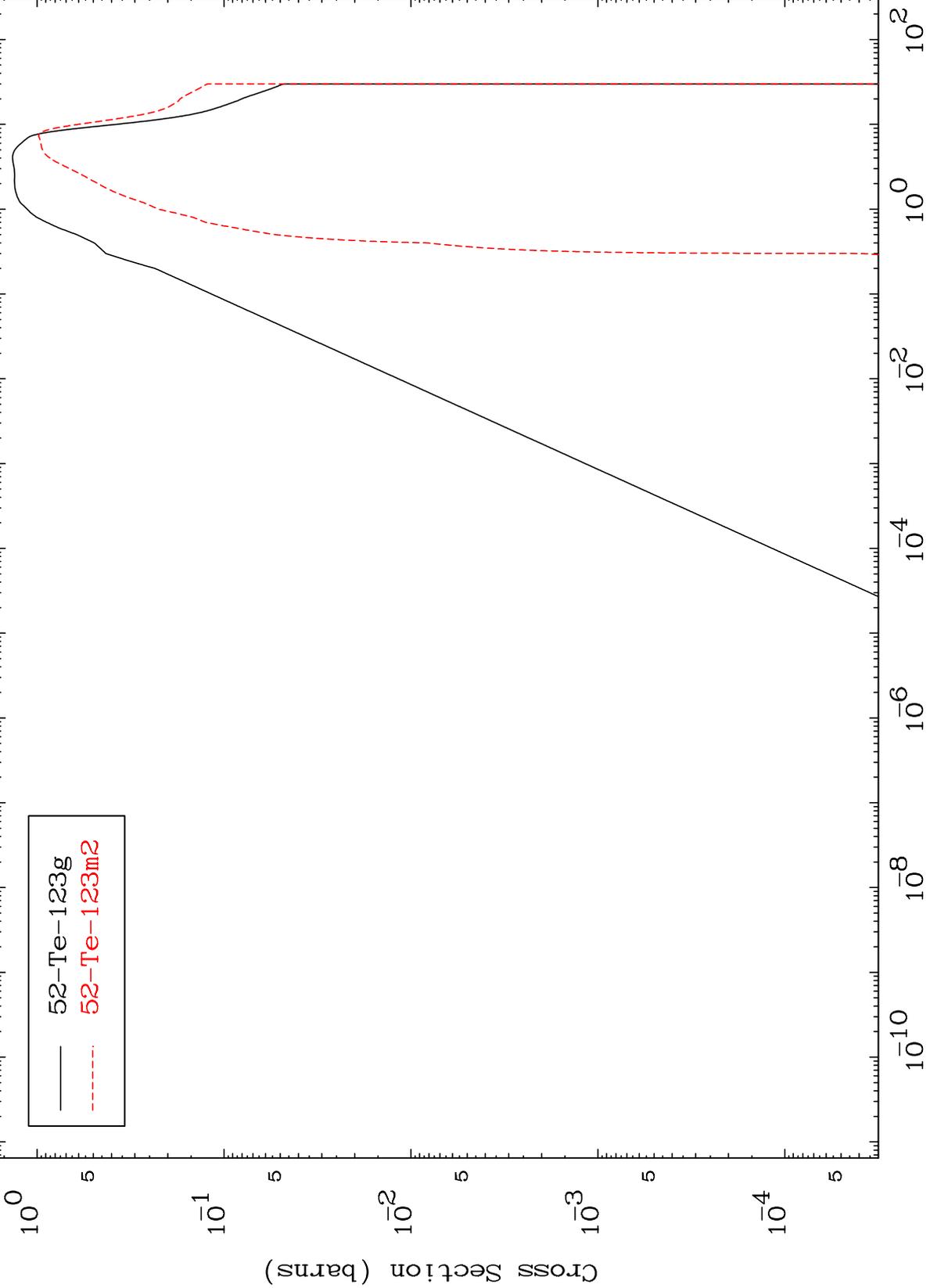




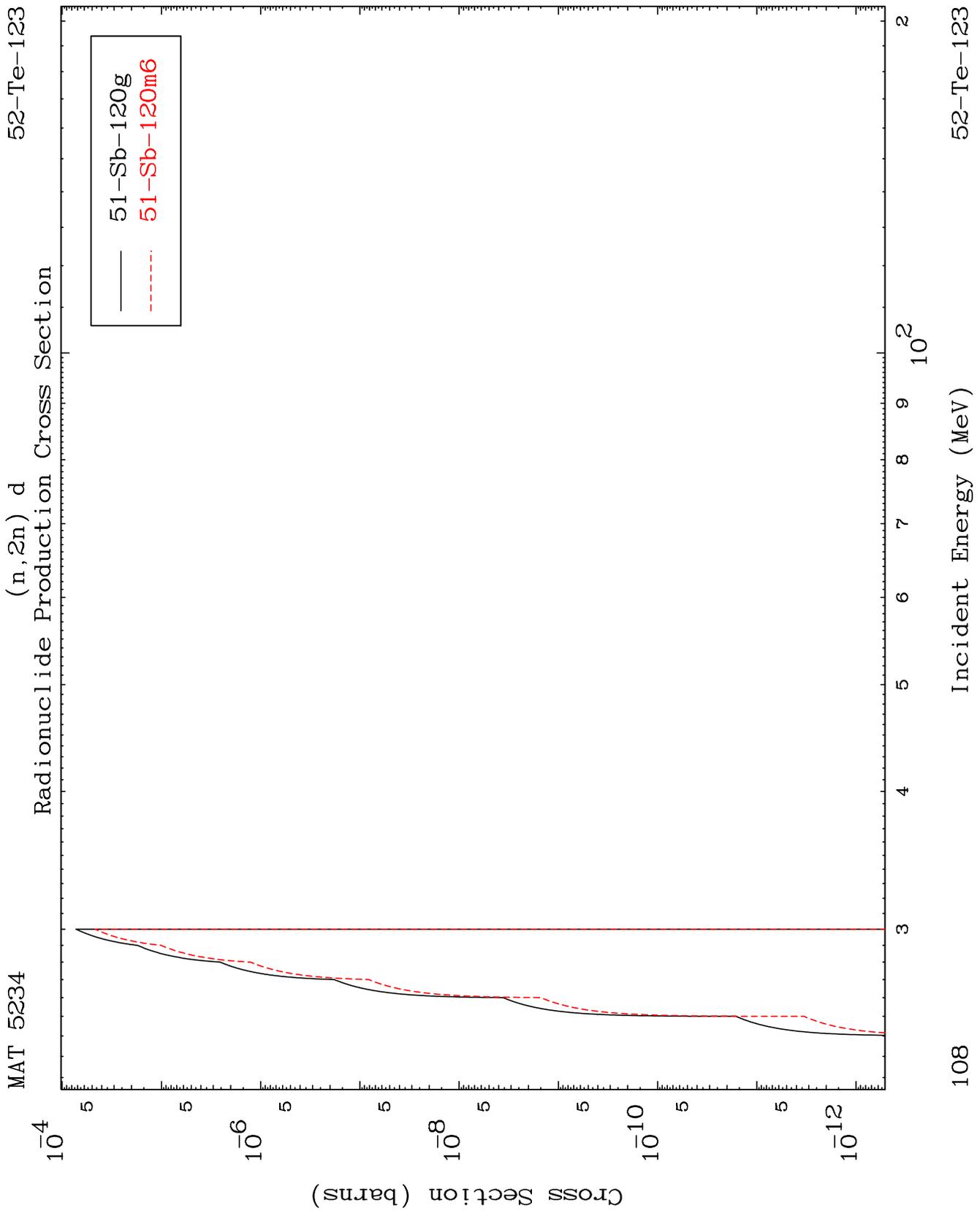
MAT 5234

Inelastic  
Radionuclide Production Cross Section

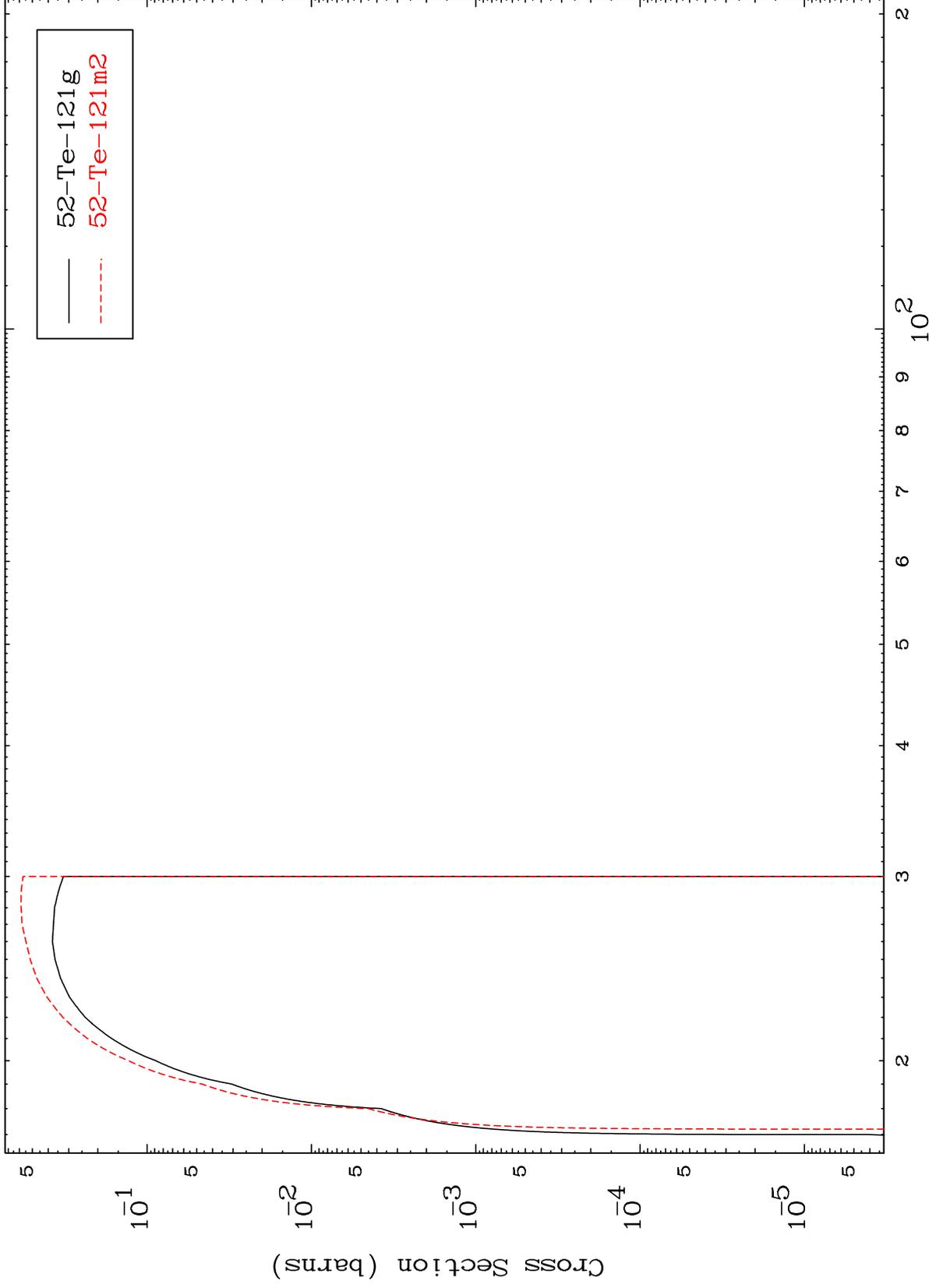
52-Te-123



— 52-Te-123g  
- - - 52-Te-123m2



Radionuclide Production Cross Section

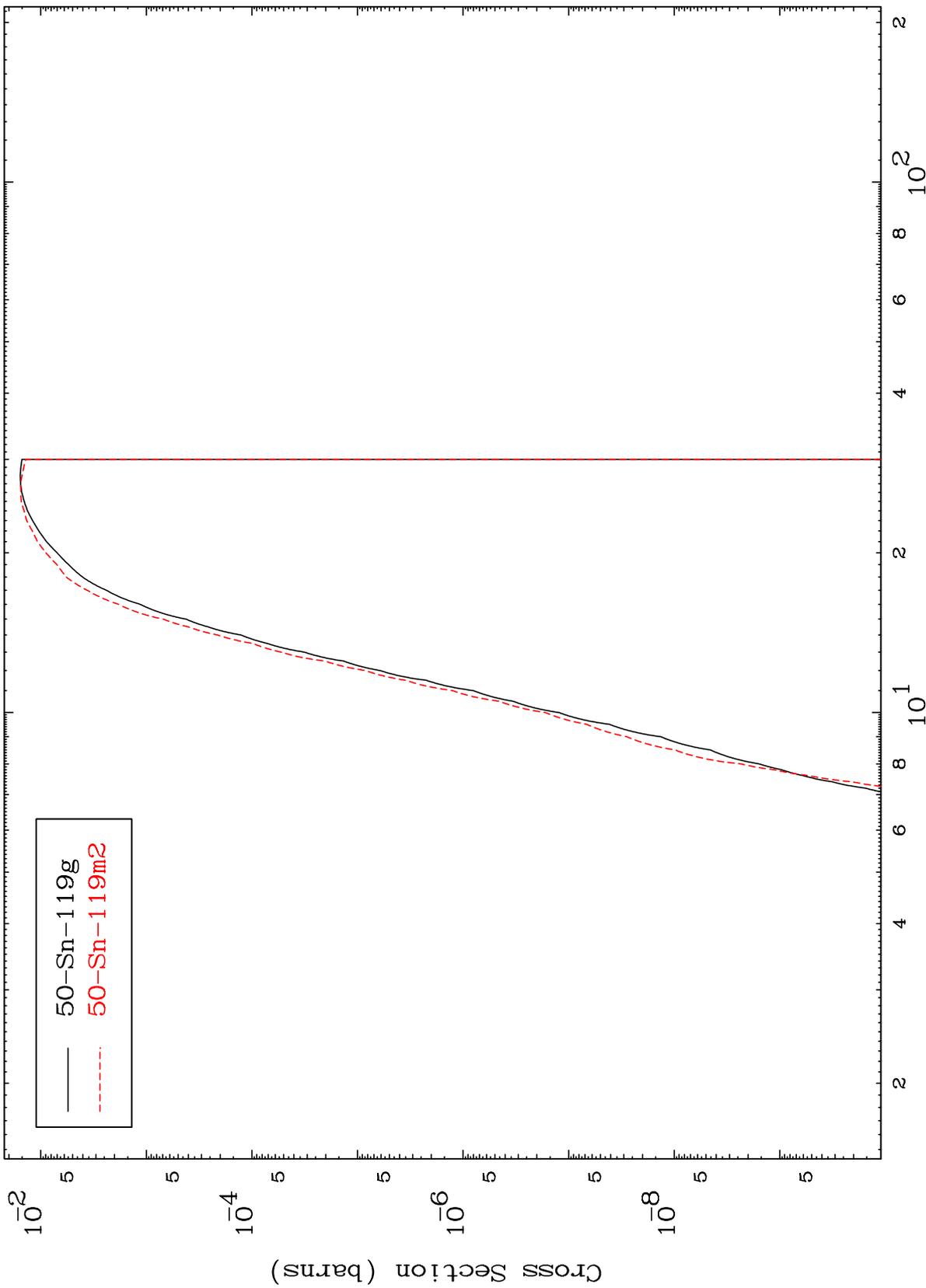


MAT 5234

(n,n')  $\alpha$

52-Te-123

Radionuclide Production Cross Section



110

Incident Energy (MeV)

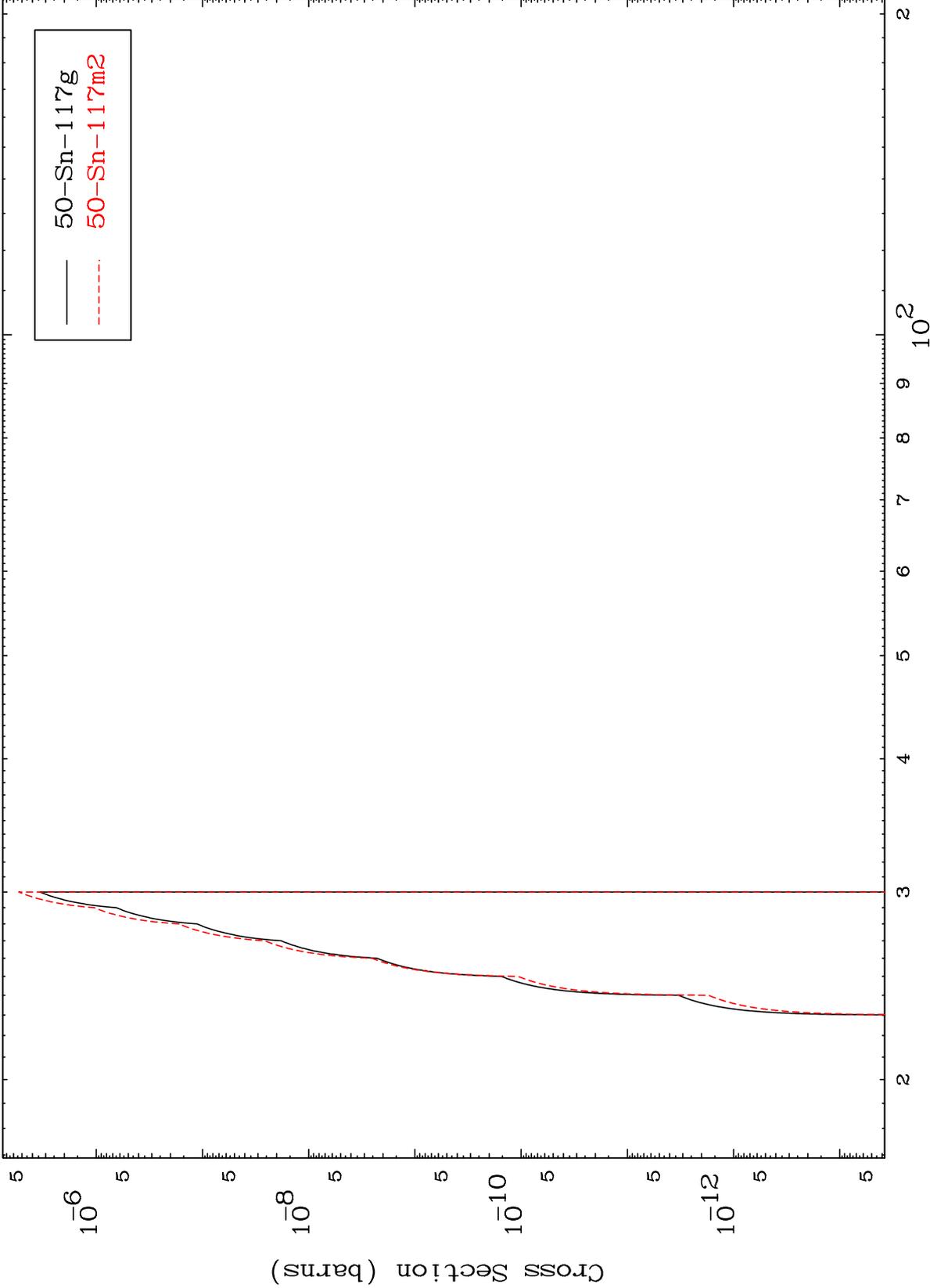
52-Te-123

MAT 5234

(n,3n)  $\alpha$

52-Te-123

Radionuclide Production Cross Section



111

Incident Energy (MeV)

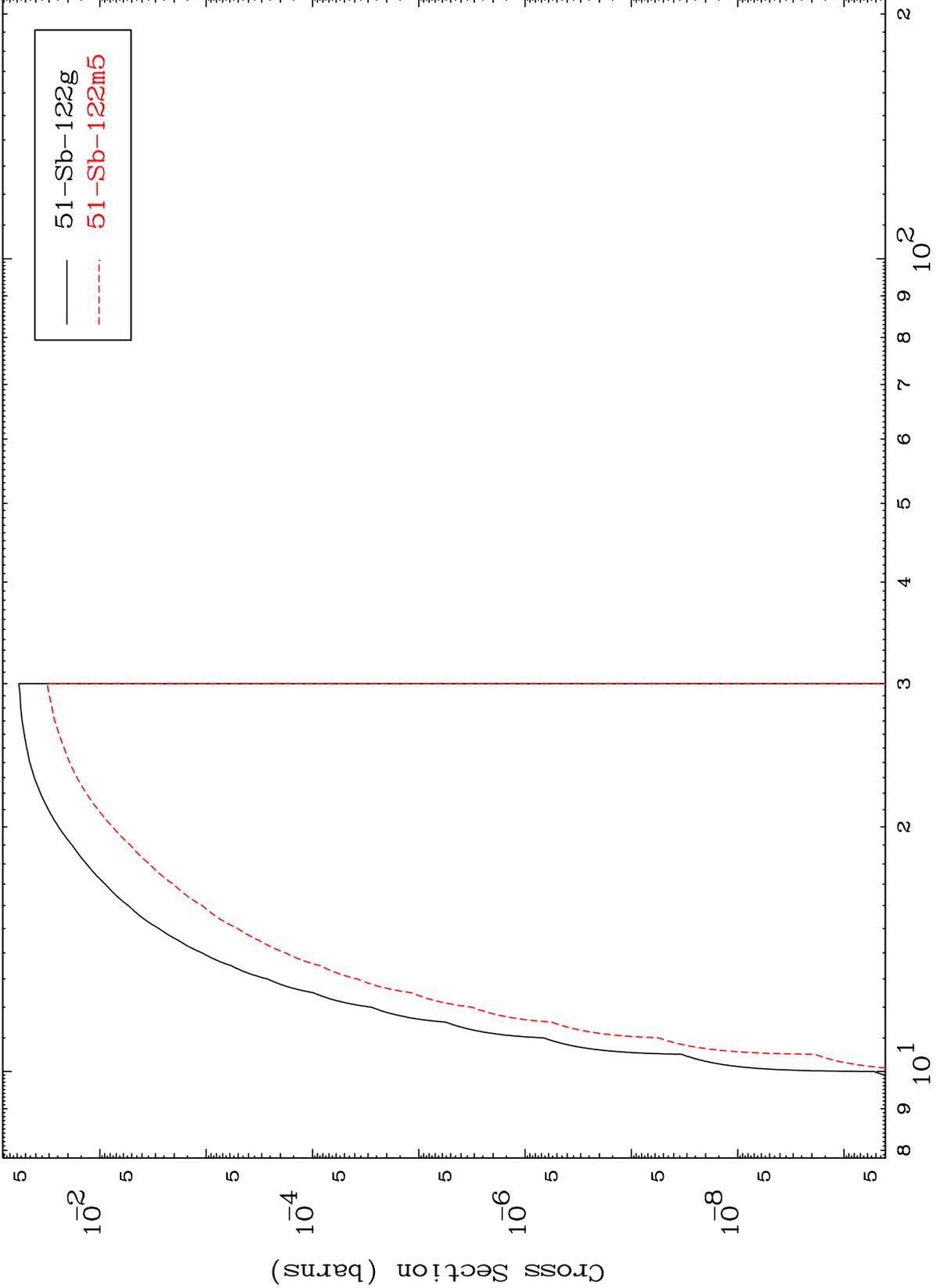
52-Te-123

MAT 5234

(n,n') p

52-Te-123

Radionuclide Production Cross Section



112

Incident Energy (MeV)

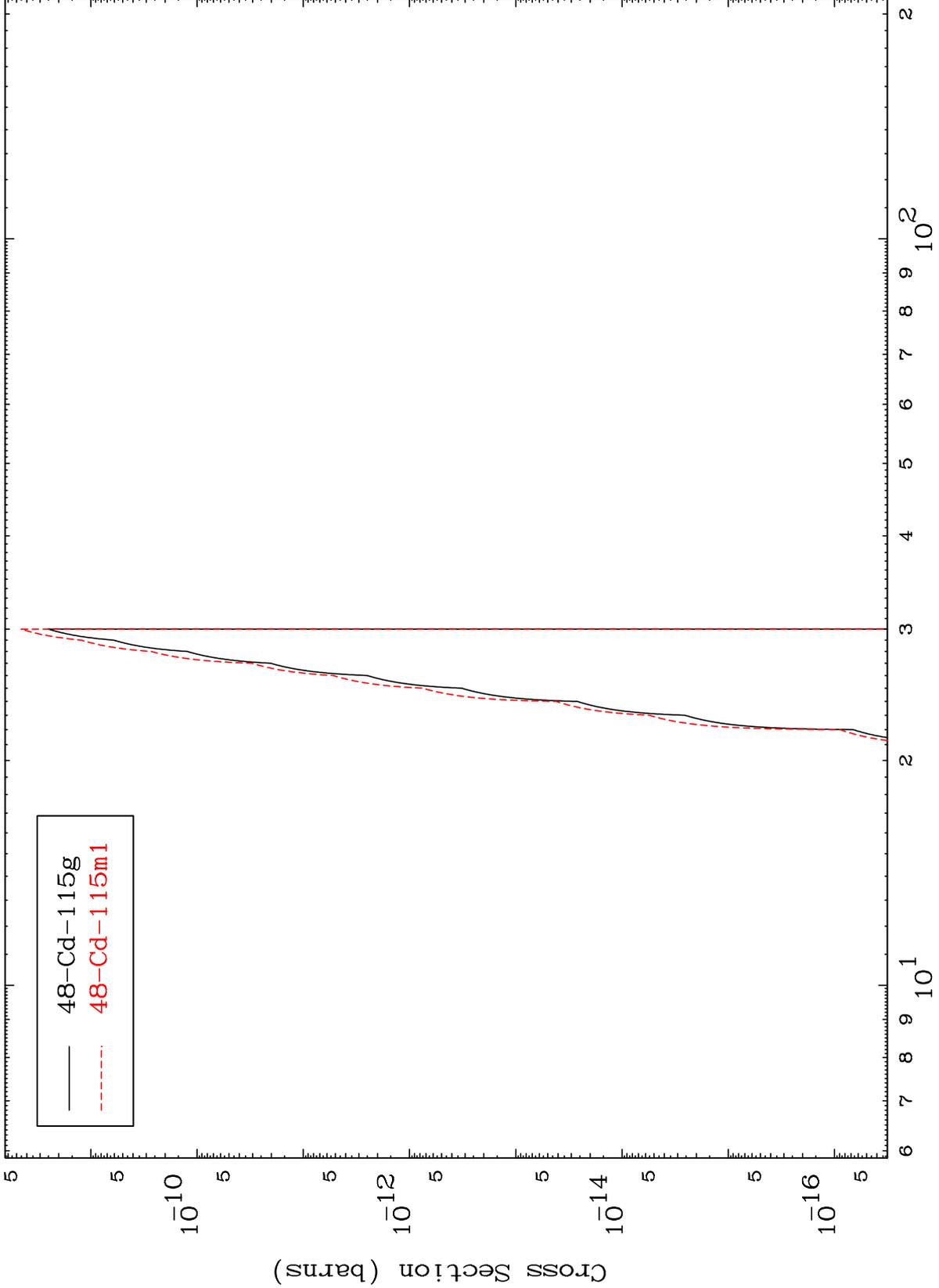
52-Te-123

MAT 5234

(n,n') 2α

52-Te-123

Radionuclide Production Cross Section



48-Cd-115g  
48-Cd-115m1

113

Incident Energy (MeV)

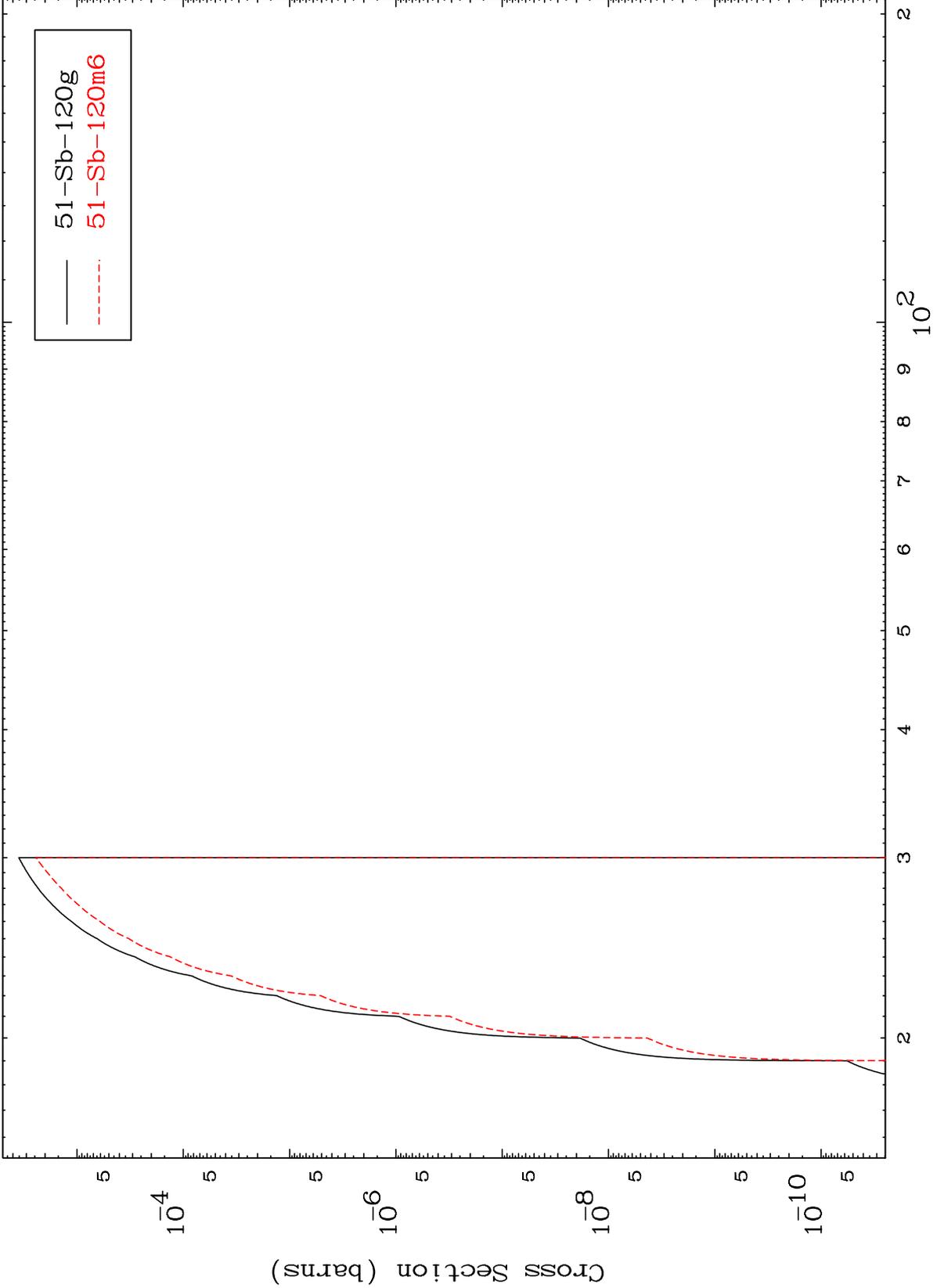
52-Te-123

MAT 5234

(n,n') t

52-Te-123

Radionuclide Production Cross Section



114

Incident Energy (MeV)

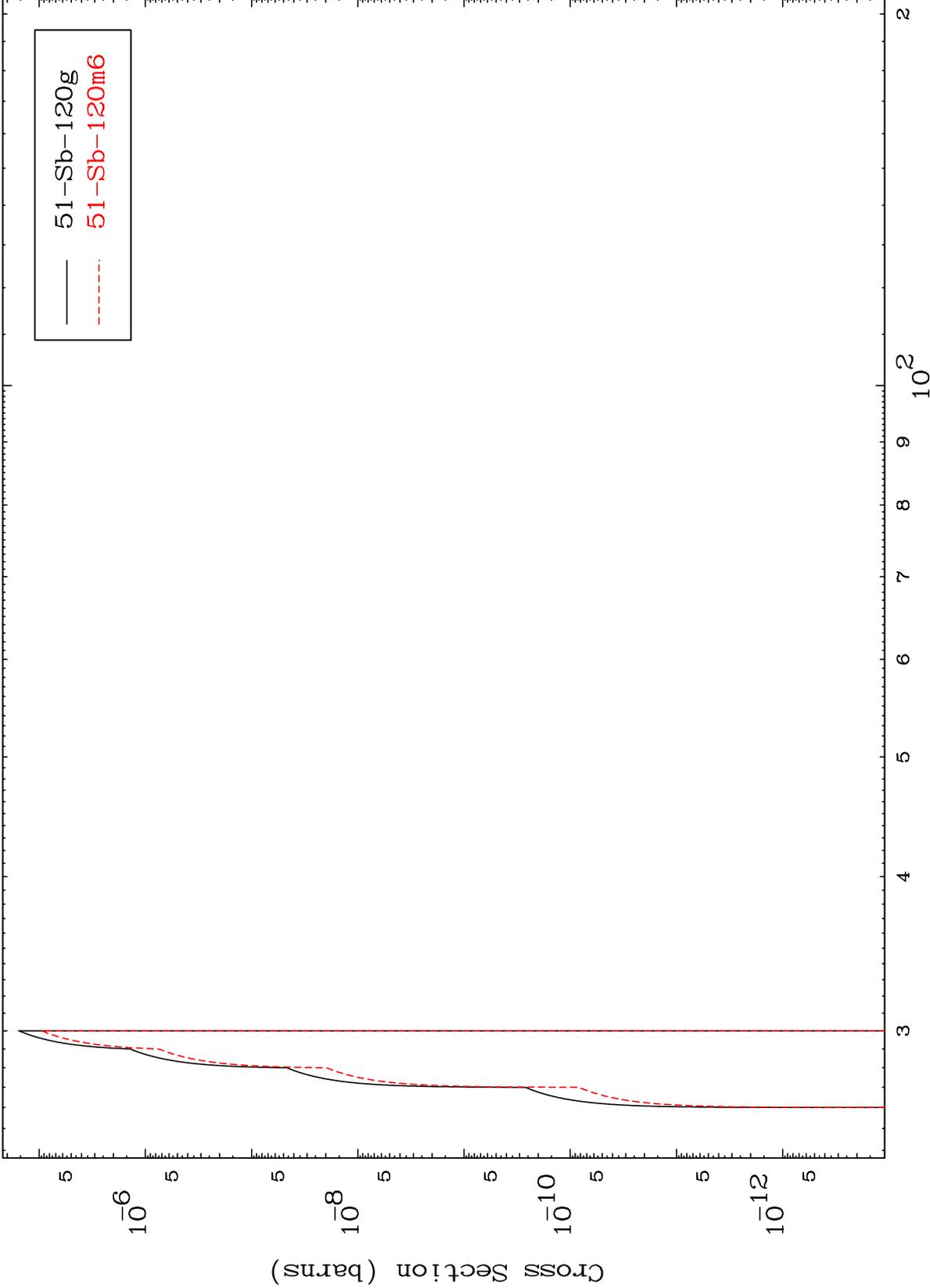
52-Te-123

MAT 5234

(n,3n) p

52-Te-123

Radionuclide Production Cross Section



51-Sb-120g  
51-Sb-120m6

115

Incident Energy (MeV)

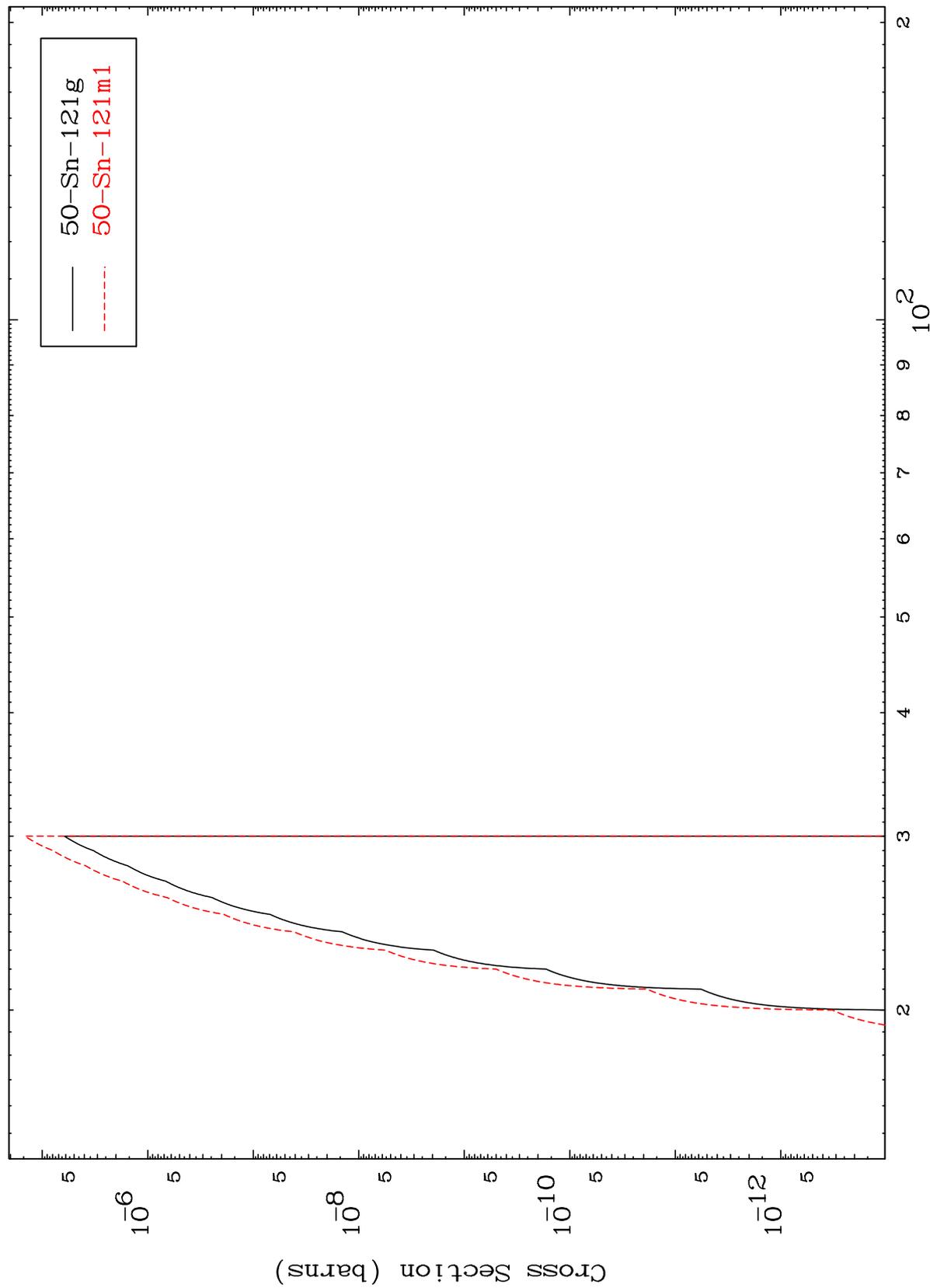
52-Te-123

MAT 5234

(n,2n) p

52-Te-123

Radionuclide Production Cross Section



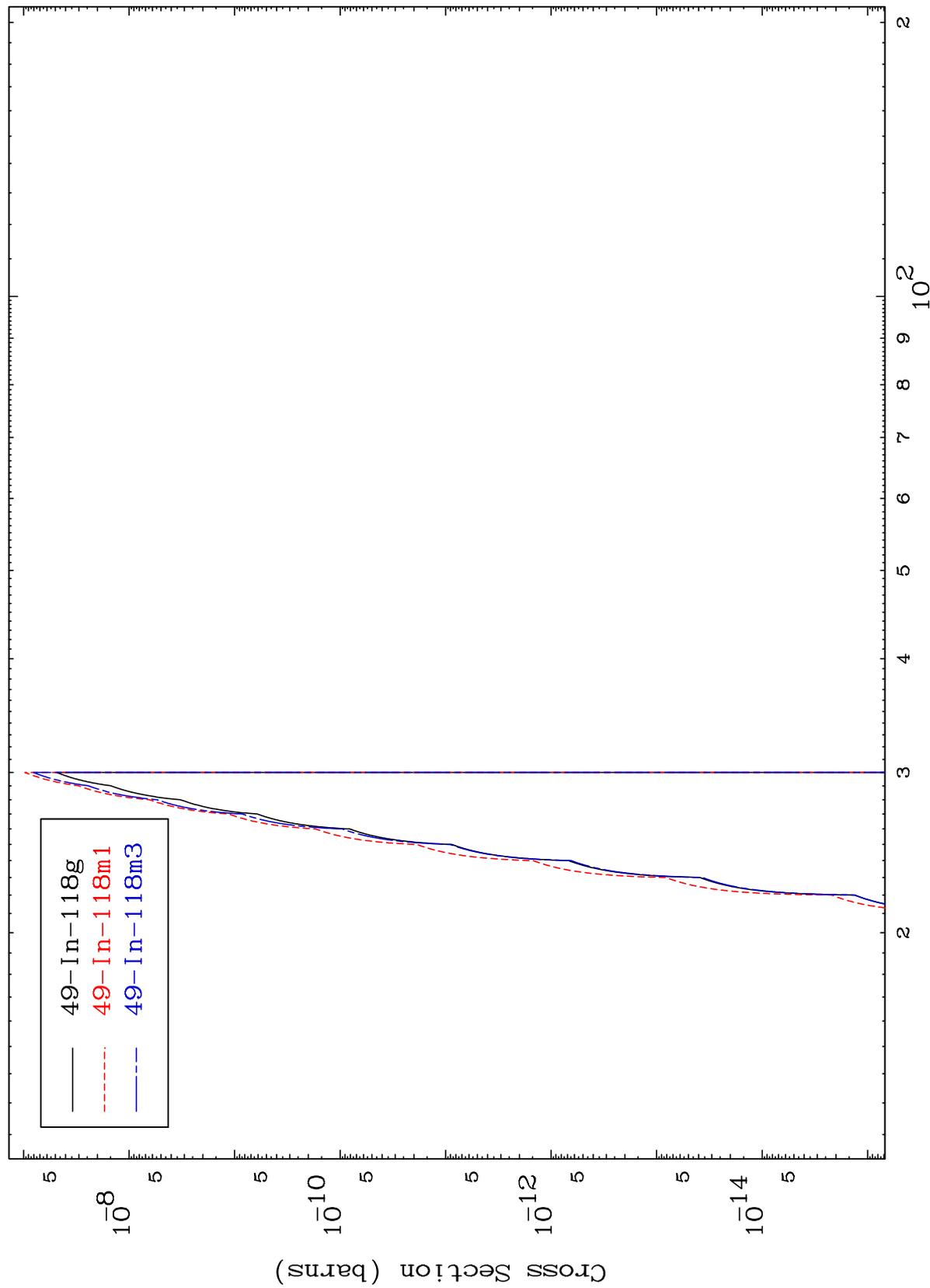
50-Sn-121g  
50-Sn-121m1

116

Incident Energy (MeV)

52-Te-123

Radionuclide Production Cross Section

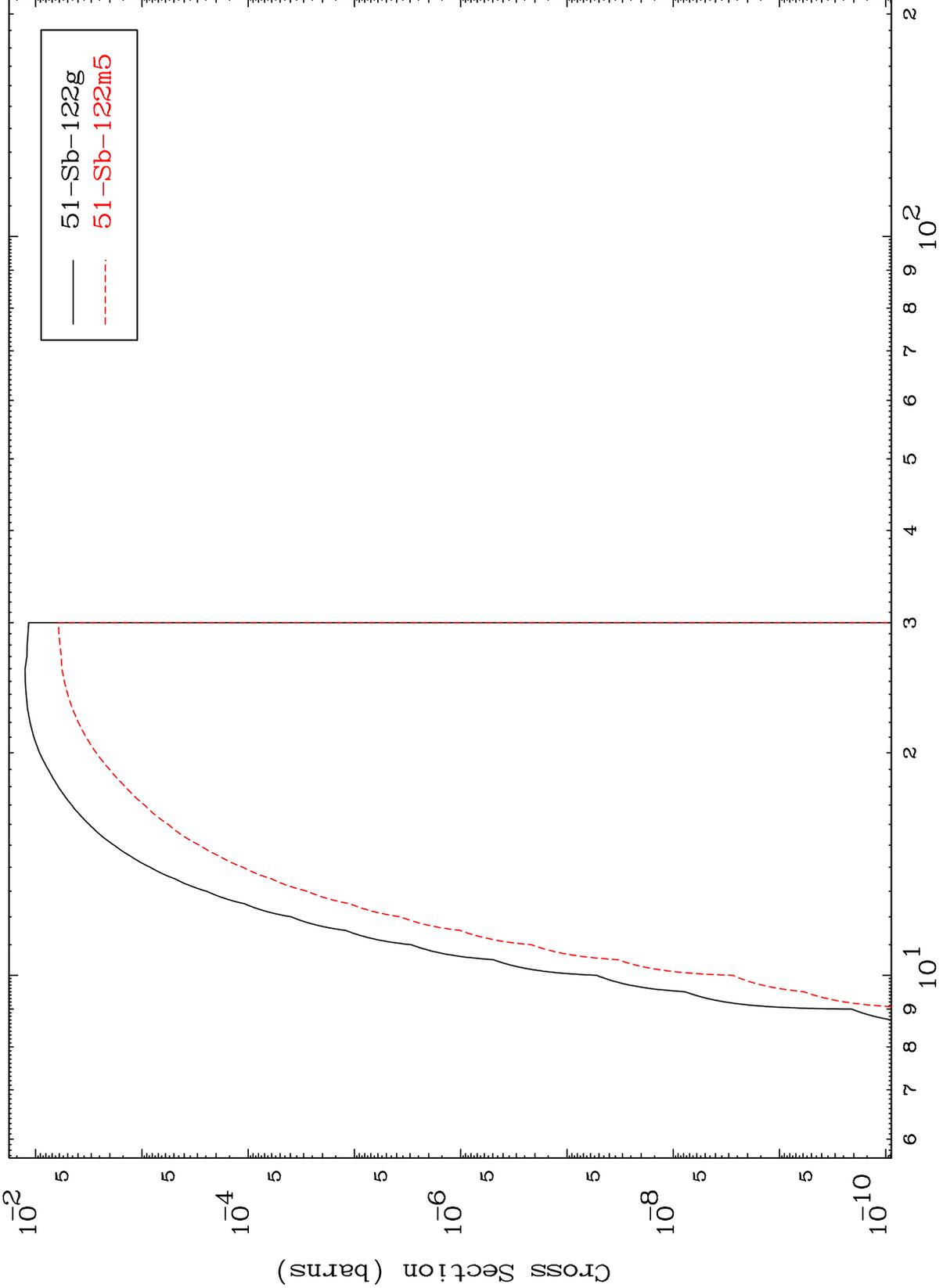


MAT 5234

(n,d)

52-Te-123

Radionuclide Production Cross Section



51-Sb-122g  
51-Sb-122m5

118

Incident Energy (MeV)

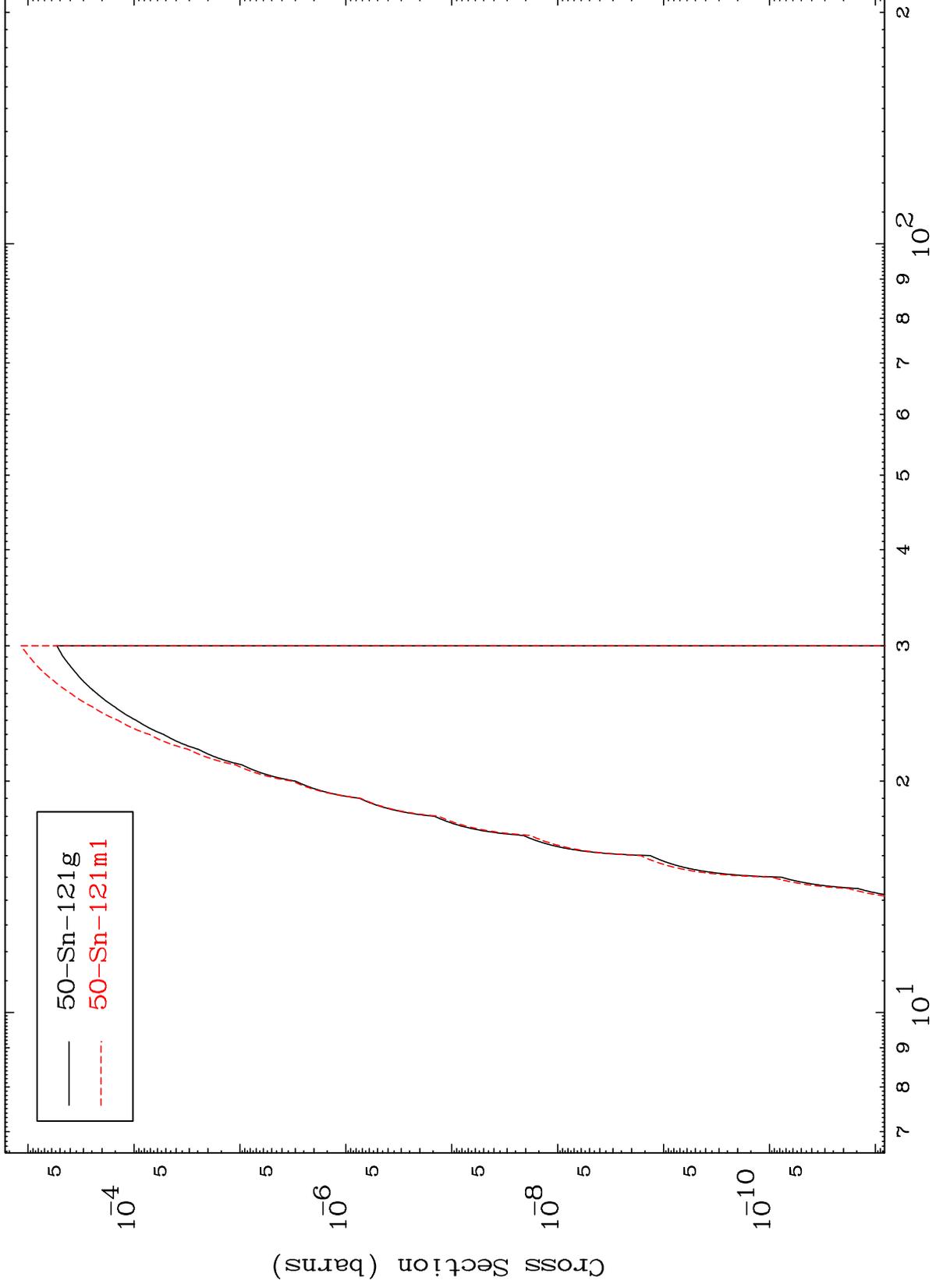
52-Te-123

MAT 5234

(n,He-3)

52-Te-123

Radionuclide Production Cross Section



119

Incident Energy (MeV)

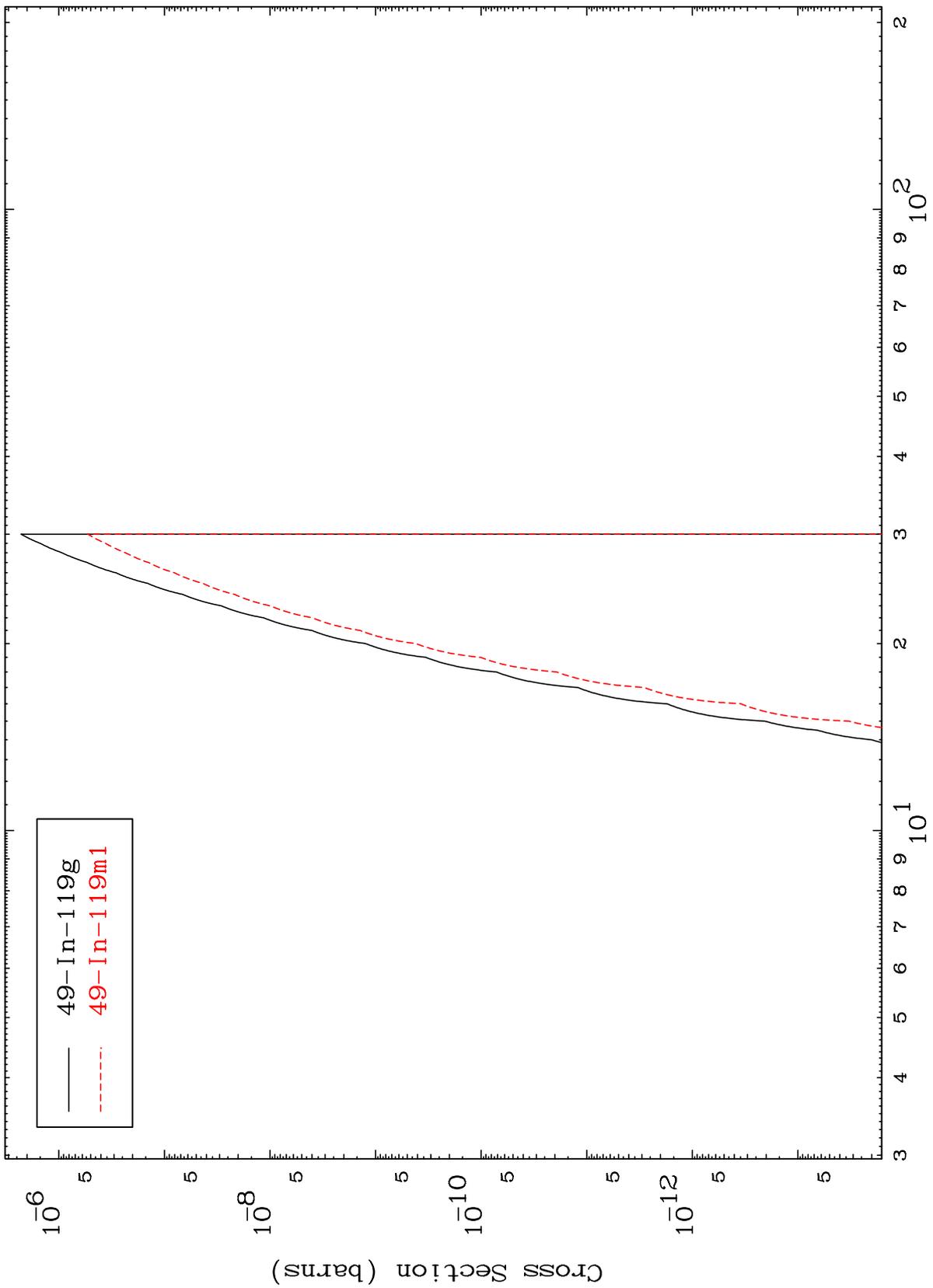
52-Te-123

MAT 5234

(n,p)  $\alpha$

52-Te-123

Radionuclide Production Cross Section



— 49-In-119g  
- - - 49-In-119m1

120

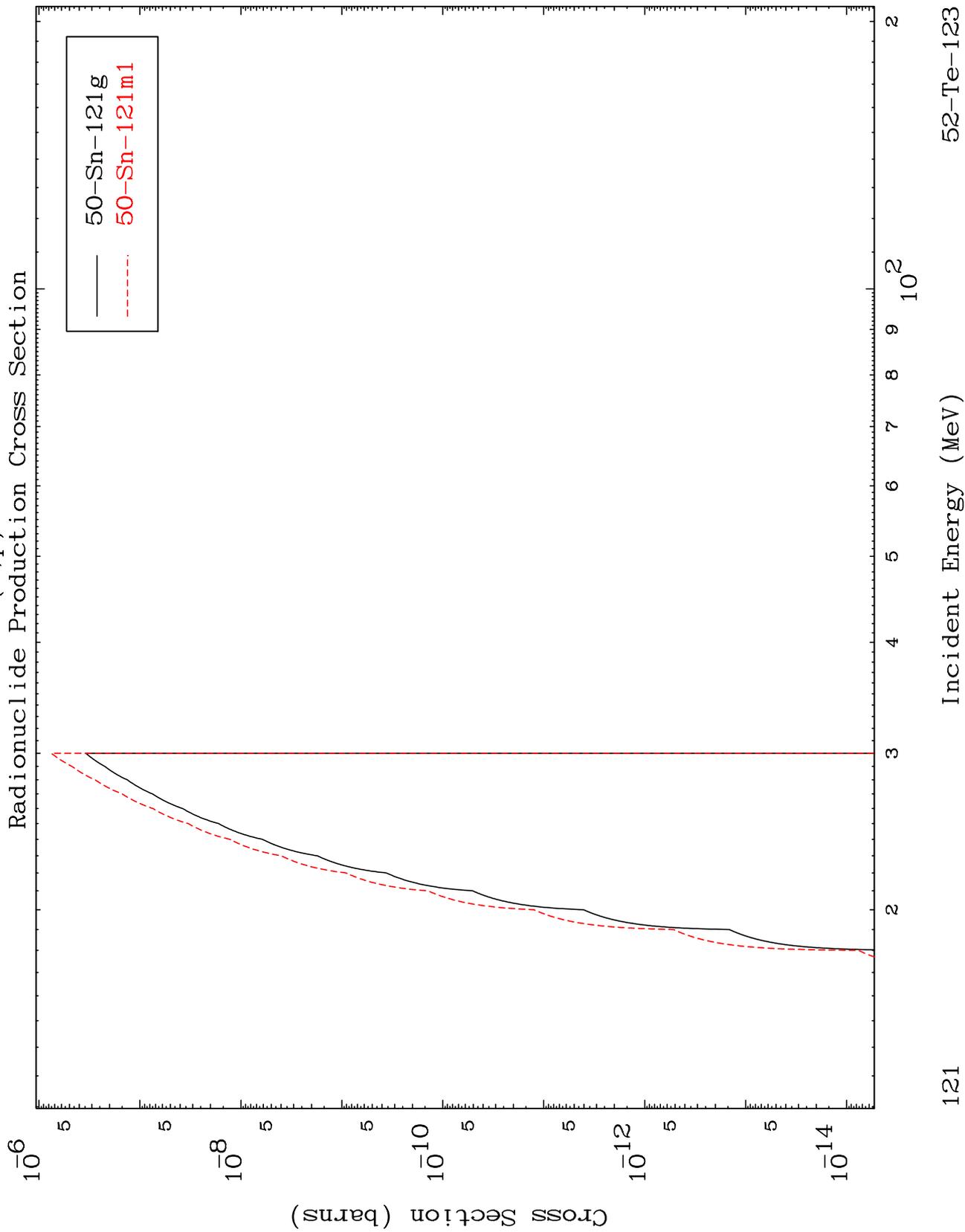
Incident Energy (MeV)

52-Te-123

MAT 5234

(n,p) d

52-Te-123



121

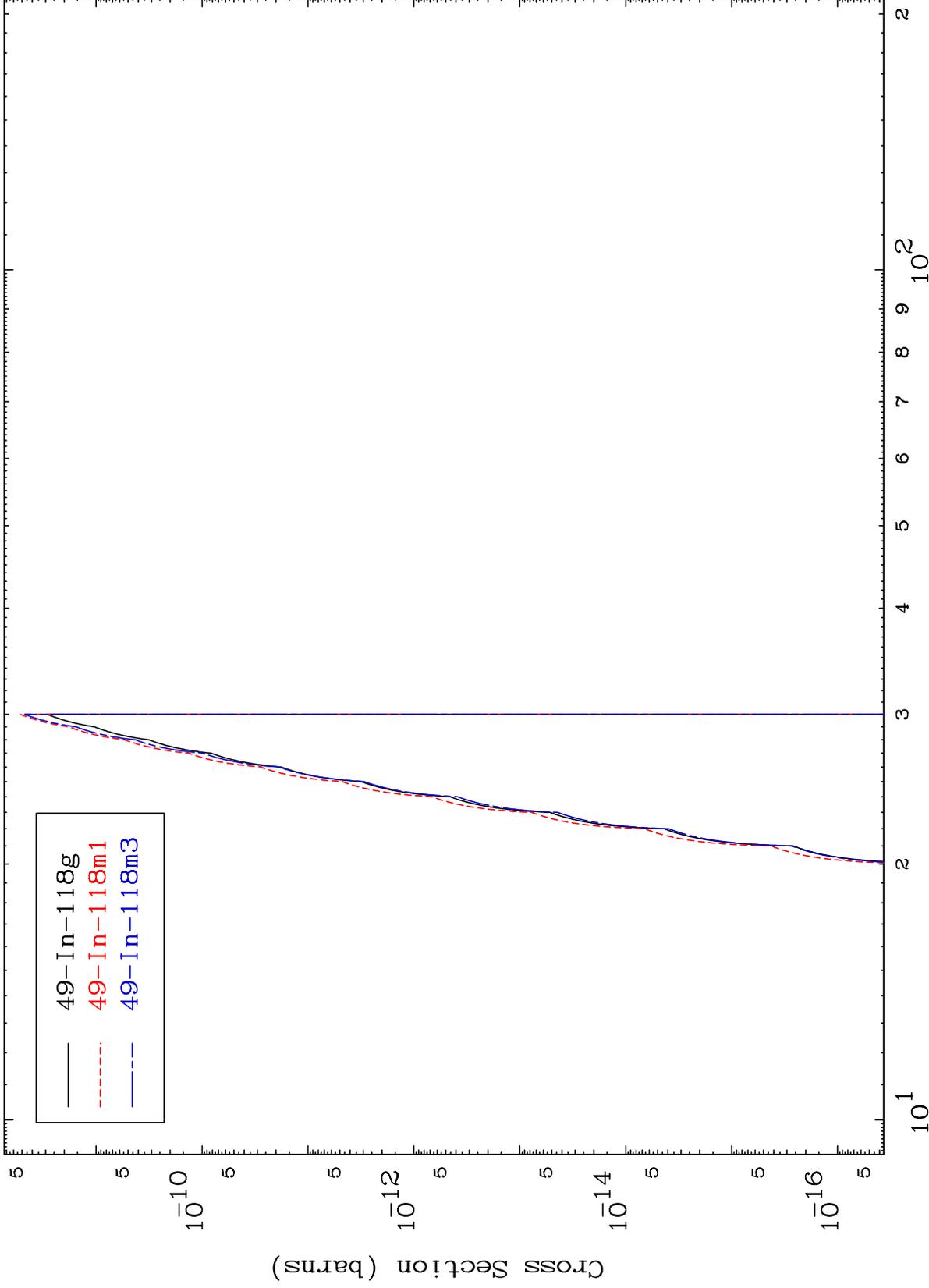
52-Te-123

MAT 5234

(n,d)  $\alpha$

52-Te-123

Radionuclide Production Cross Section



122

Incident Energy (MeV)

52-Te-123