

Program EVALPLOT
(Version 2021-1)

by

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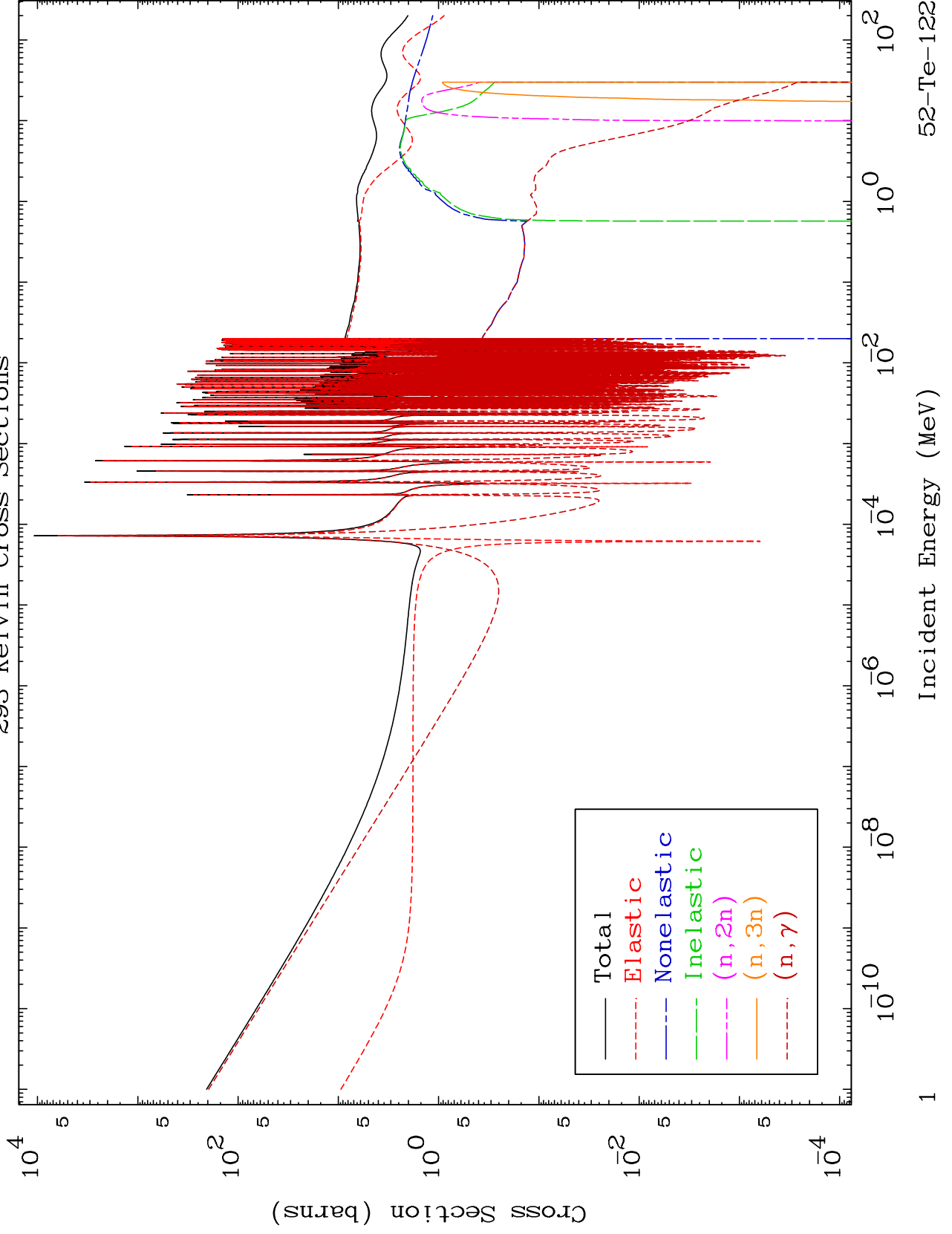
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Press Mouse Button to Start

MAT 5231

Neutron Major
293 Kelvin Cross Sections

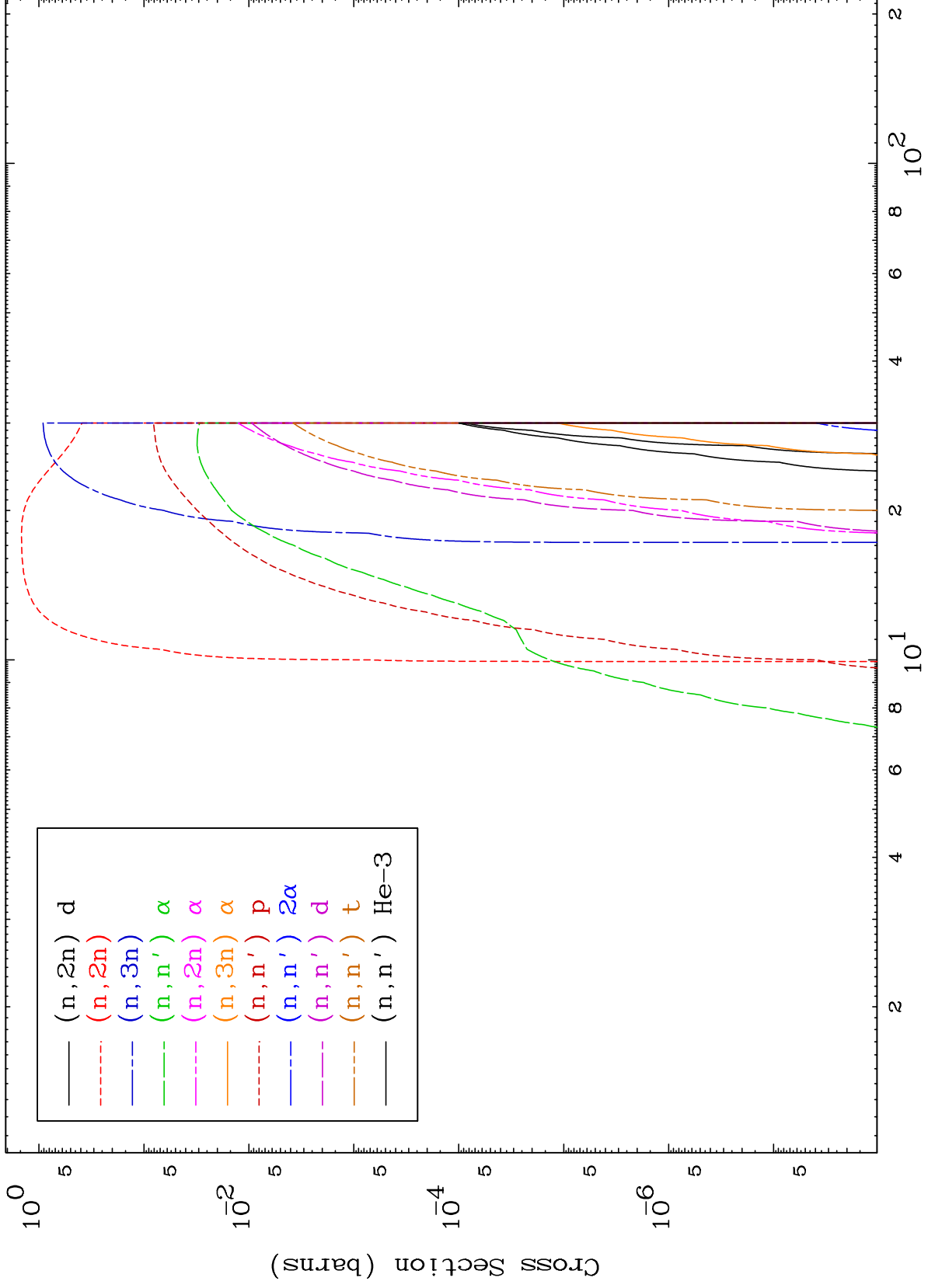
52-Te-122



MAT 5231

Neutron Absorption
293 Kelvin Cross Sections

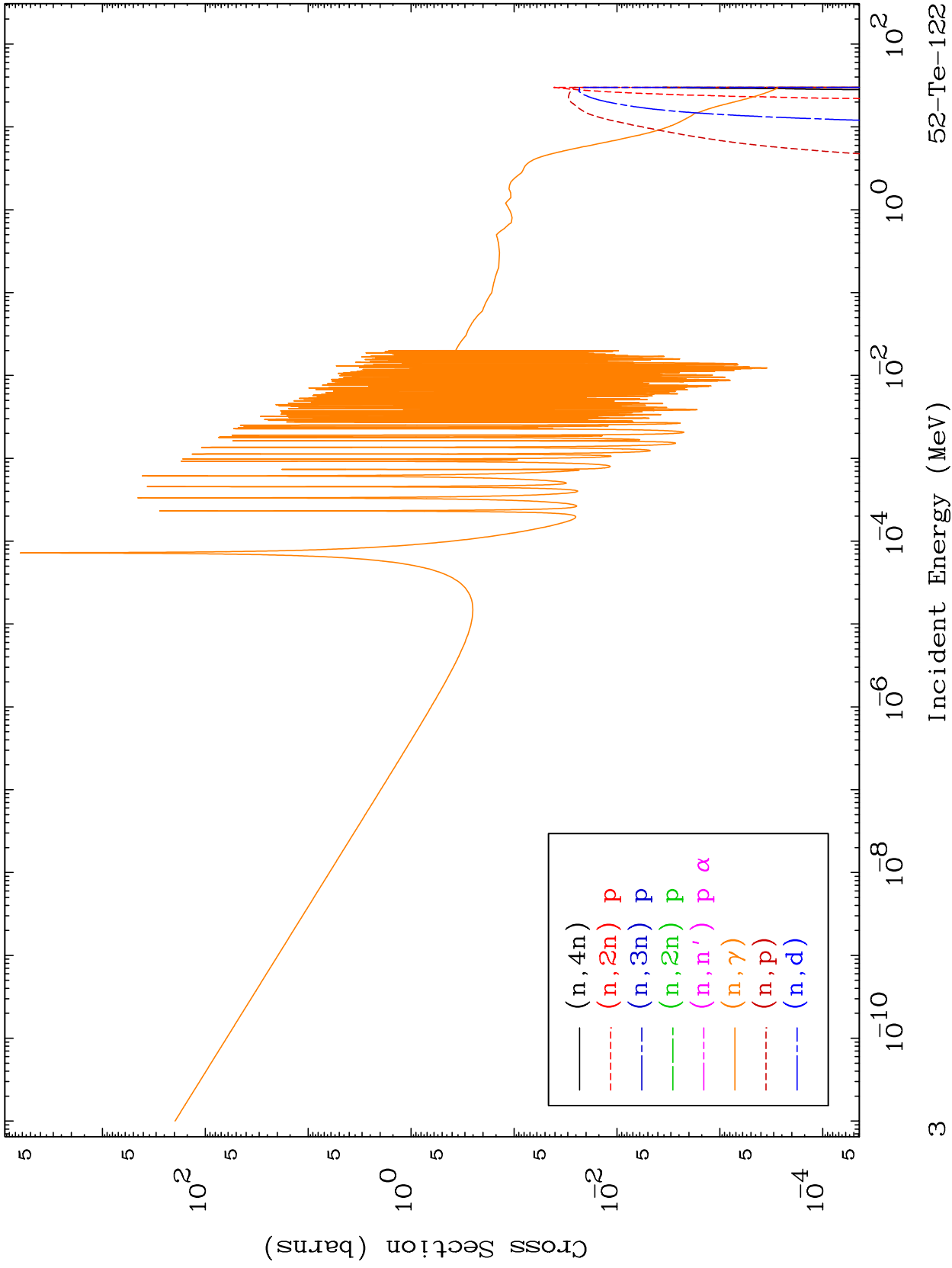
52-Te-122

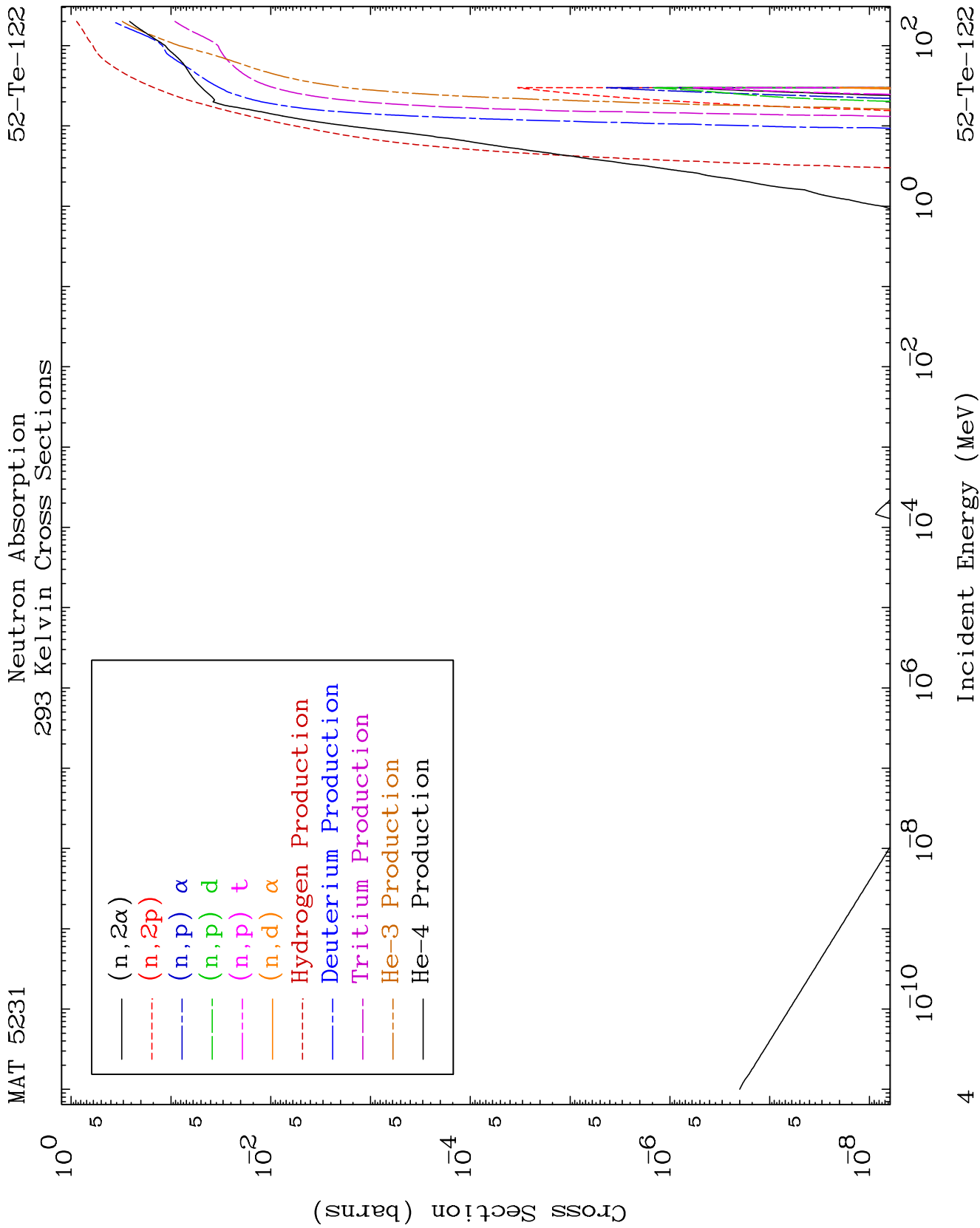


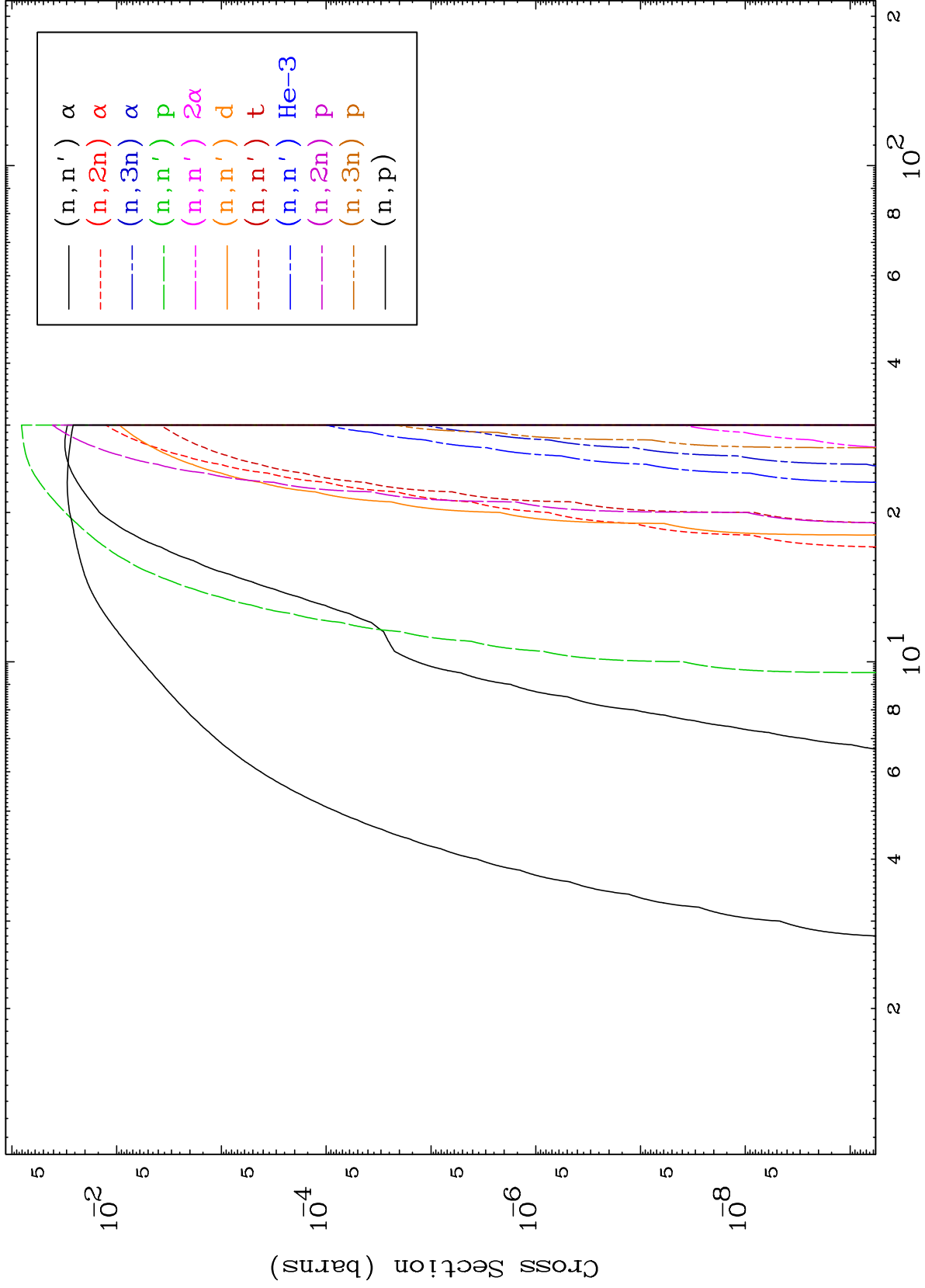
MAT 5231

Neutron Absorption
293 Kelvin Cross Sections

52-Te-122



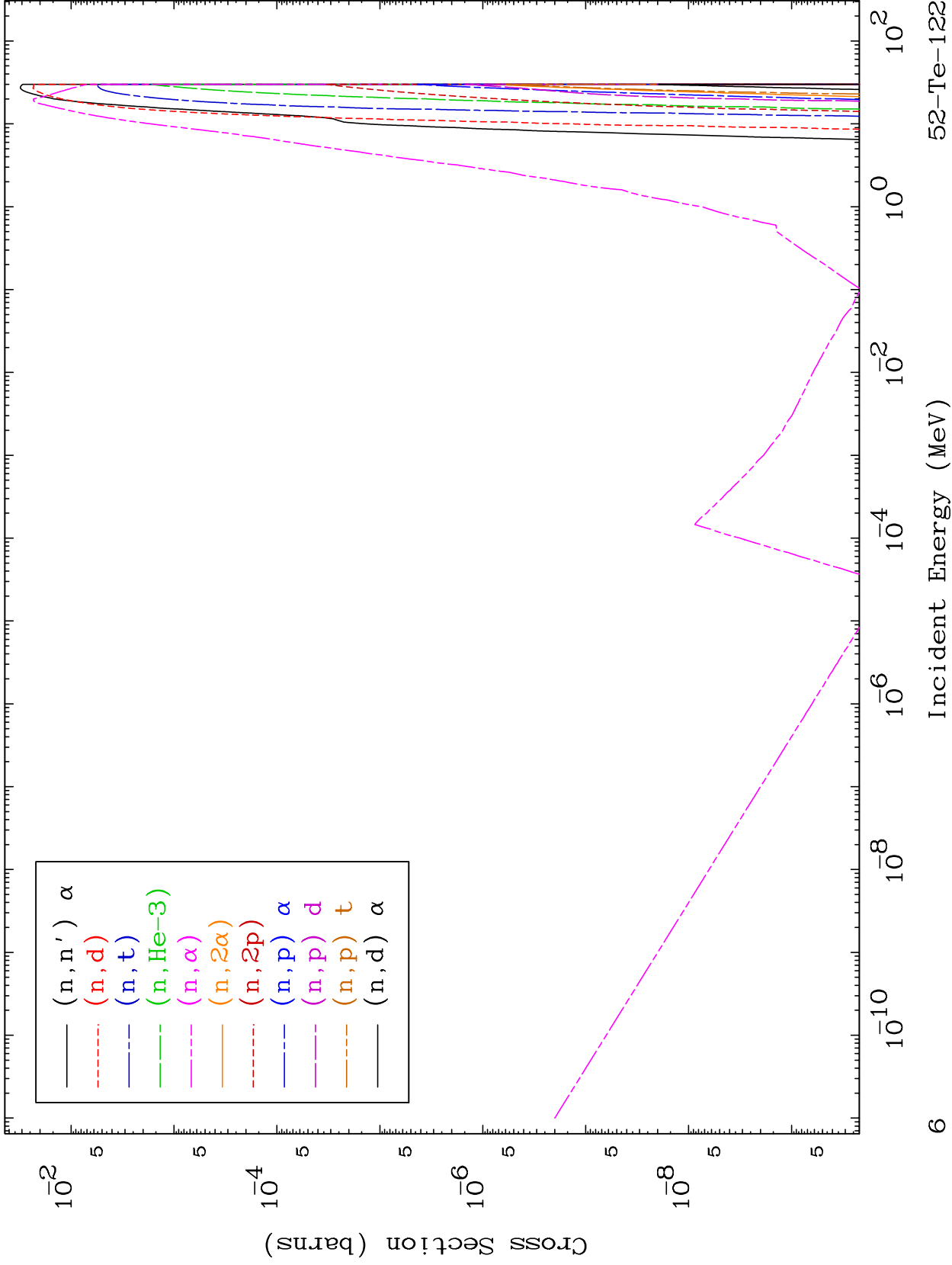




MAT 5231

Charged Particle
293 Kelvin Cross Sections

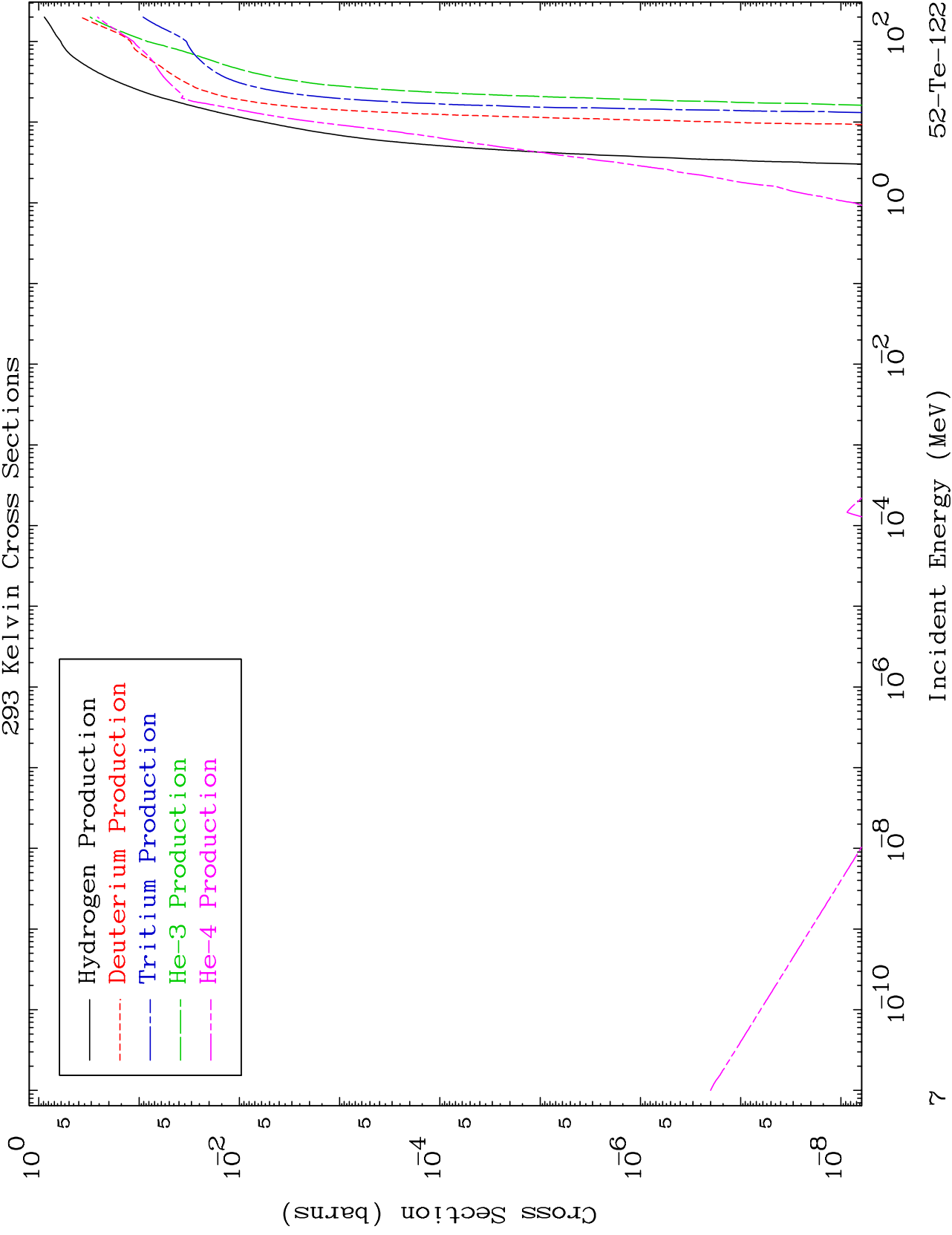
52-Te-122



MAT 5231

Particle Production
293 Kelvin Cross Sections

52-Te-122

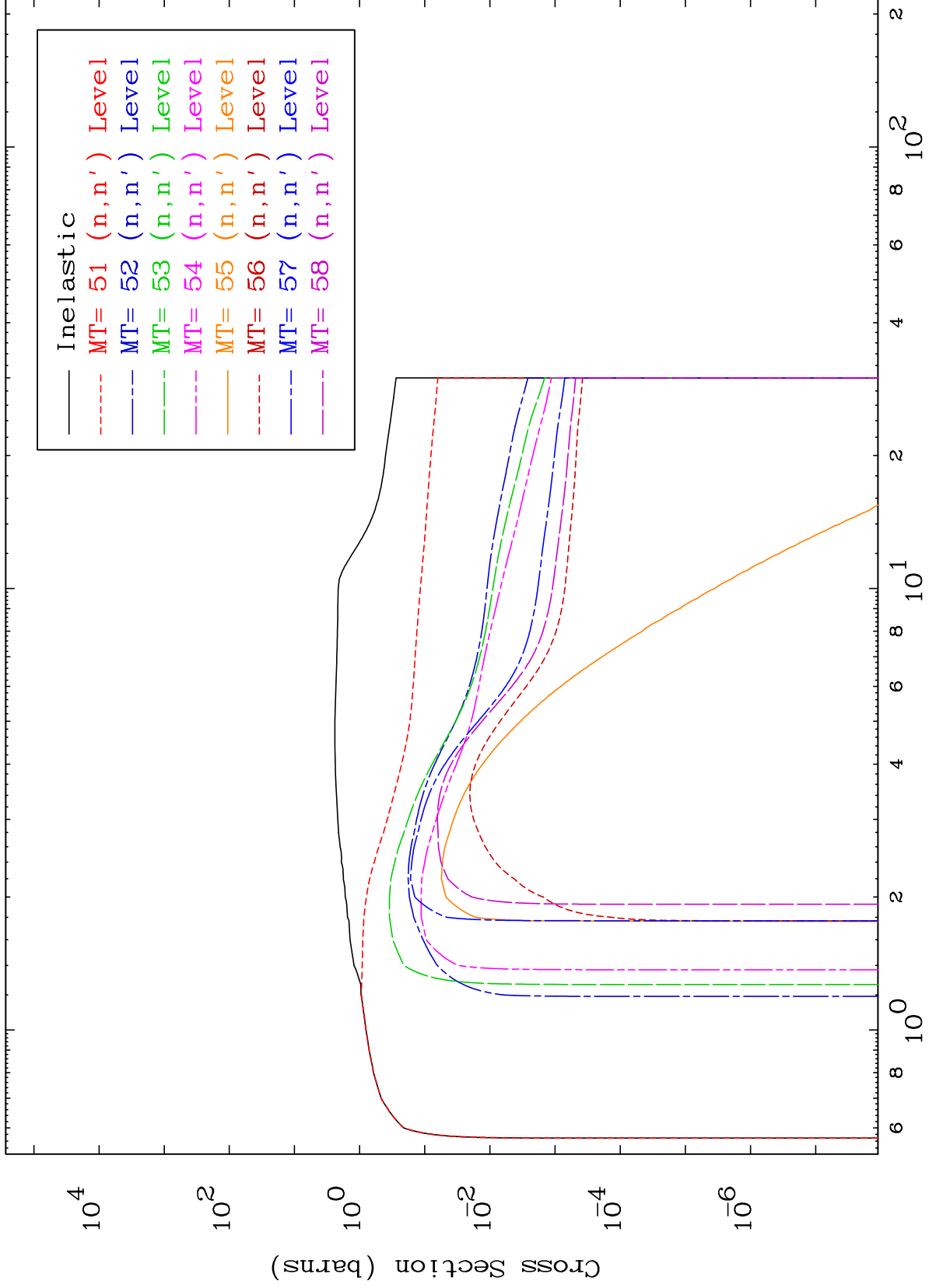


MAT 5231

(n,n') Levels

52-Te-122

293 Kelvin Cross Sections



8

Incident Energy (MeV)

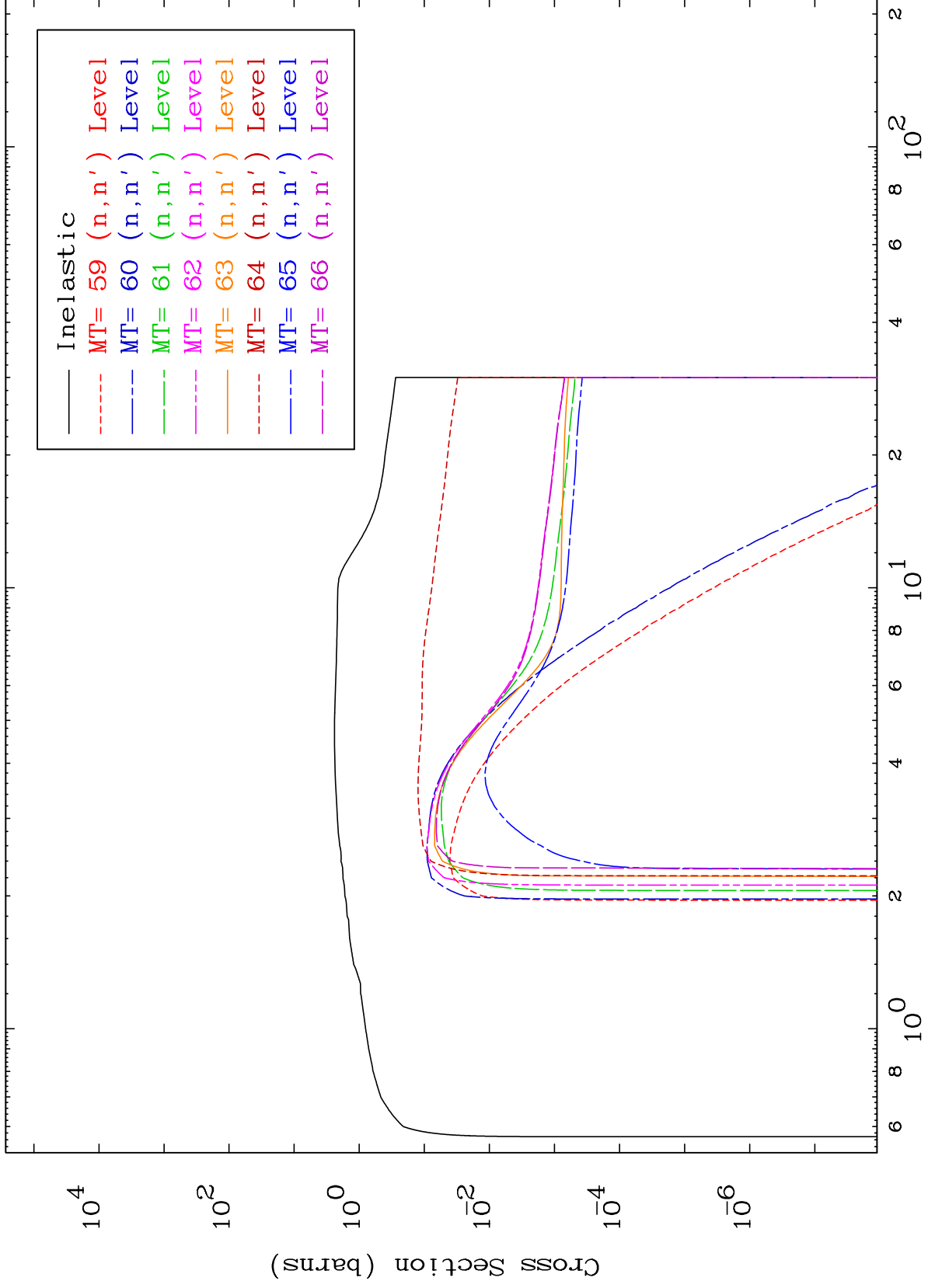
52-Te-122

MAT 5231

(n,n') Levels

52-Te-122

293 Kelvin Cross Sections



9

Incident Energy (MeV)

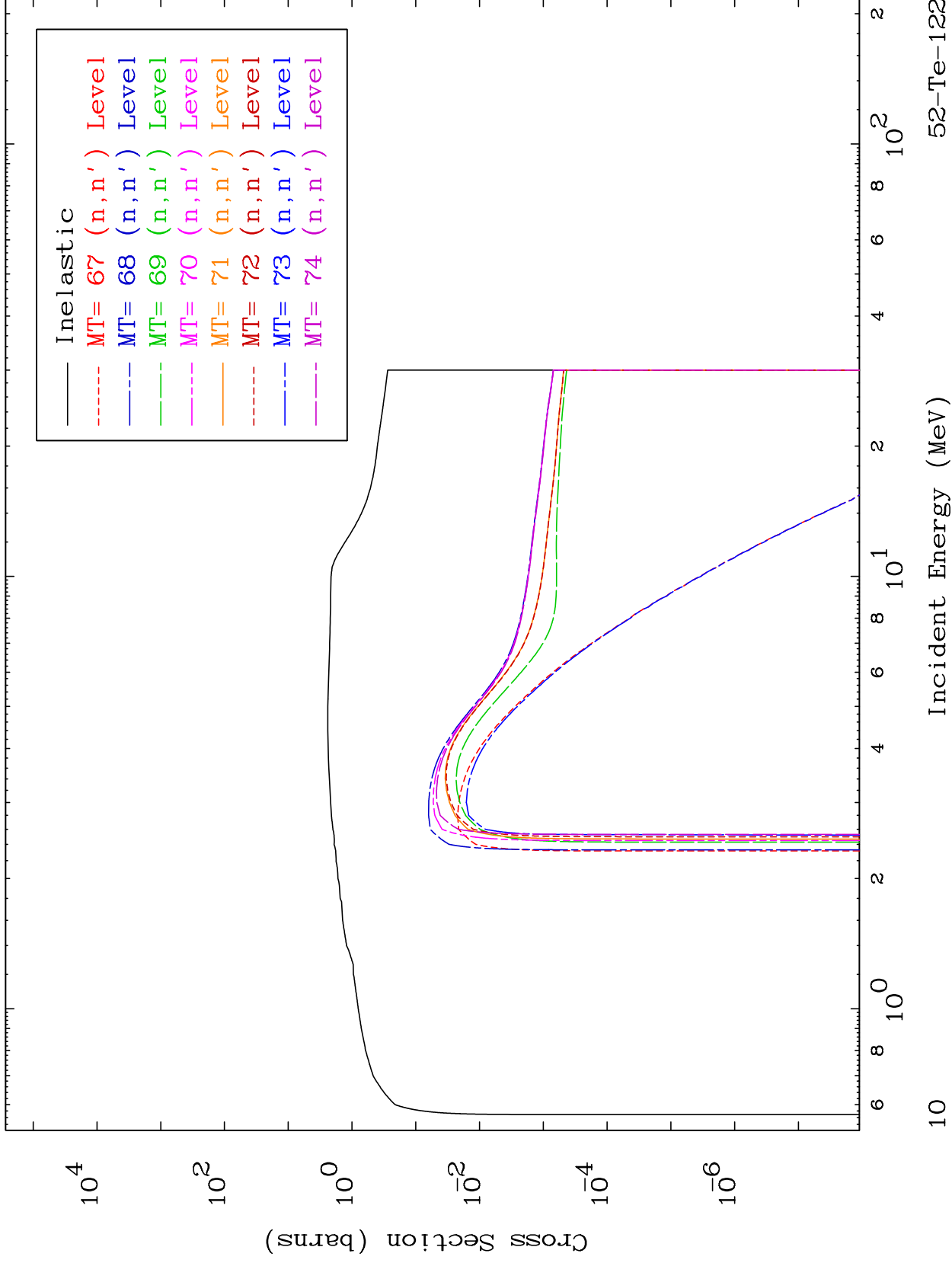
52-Te-122

MAT 5231

(n,n') Levels

52-Te-122

293 Kelvin Cross Sections



10

Incident Energy (MeV)

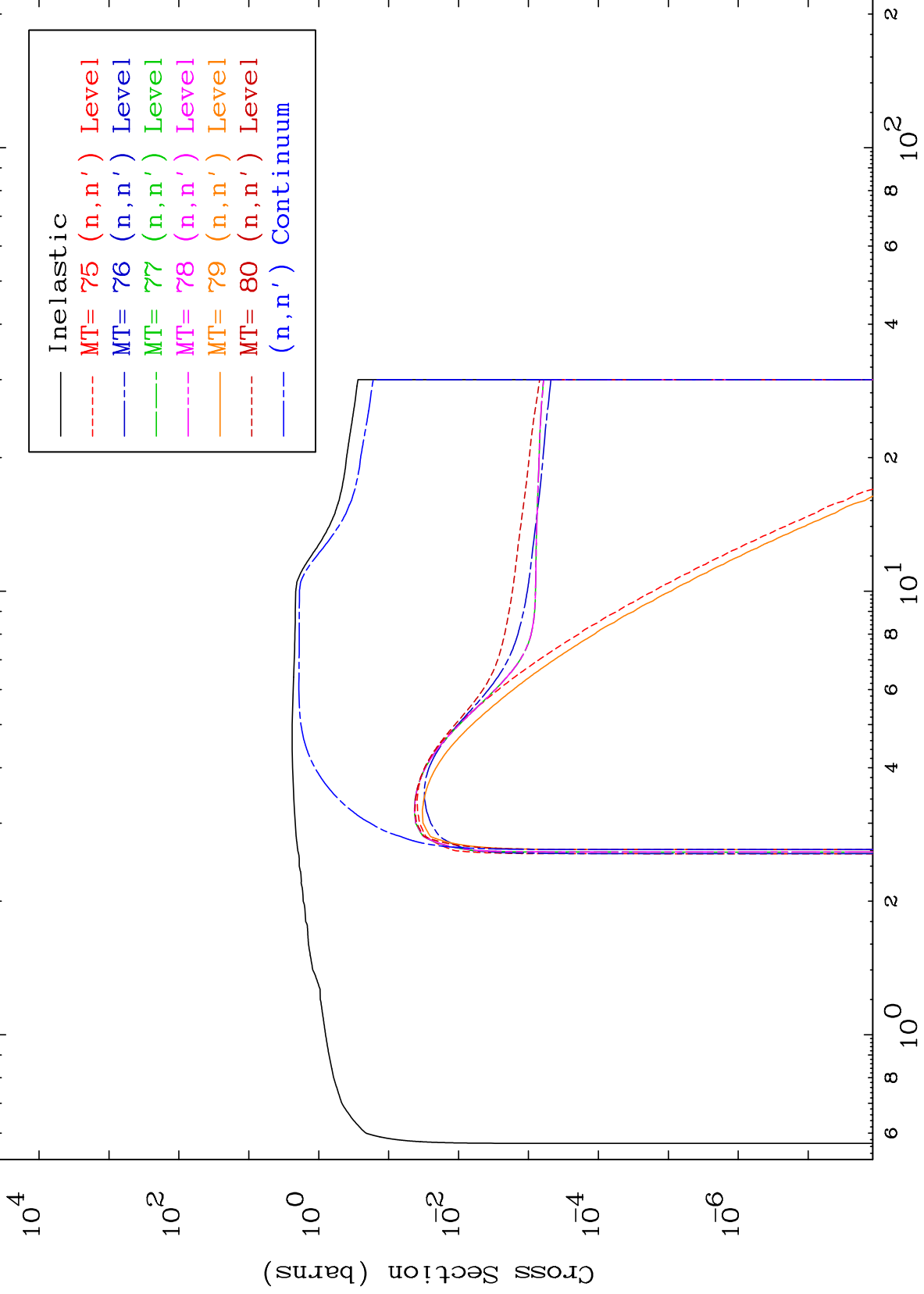
52-Te-122

MAT 5231

(n,n') Levels

52-Te-122

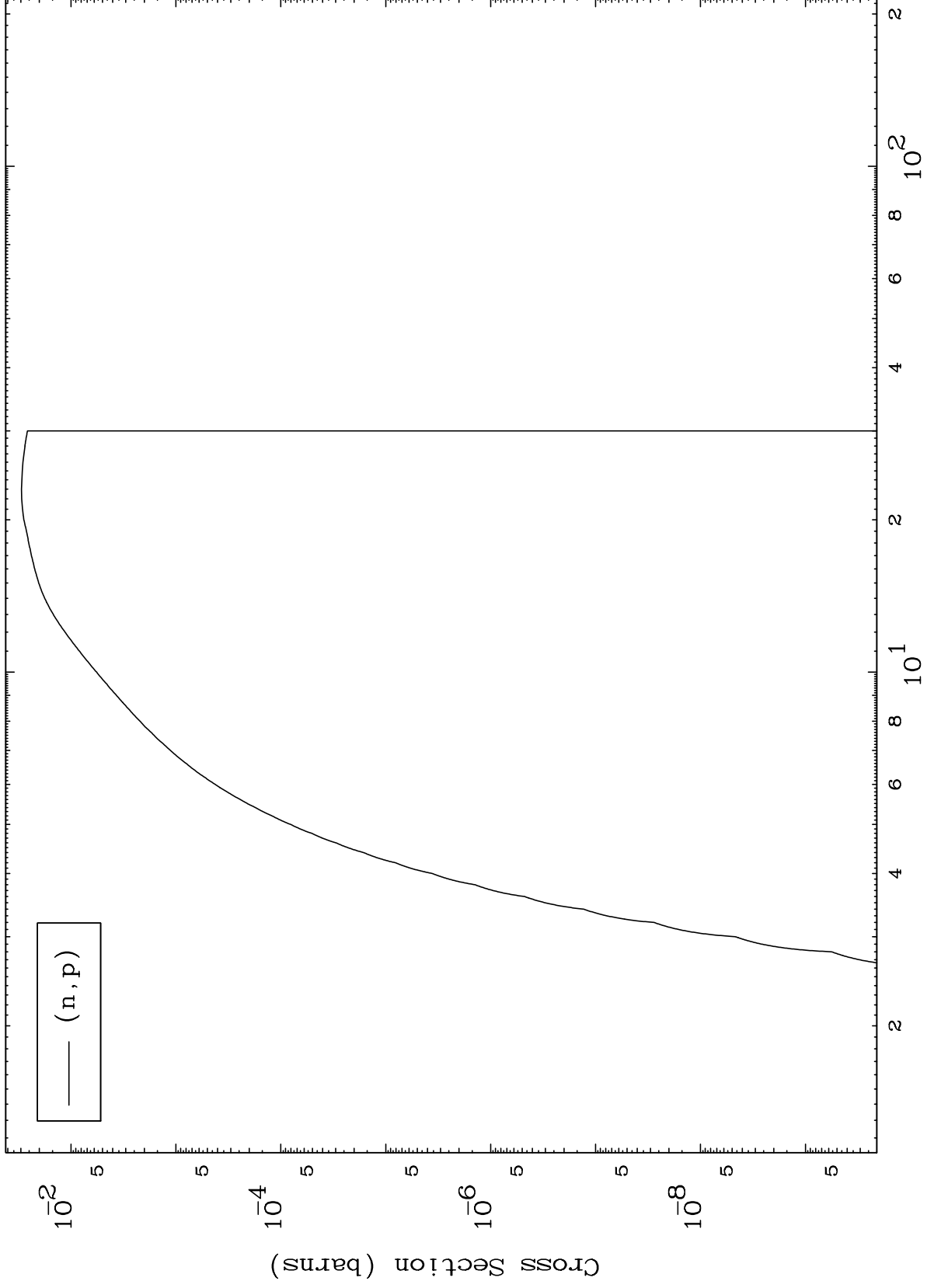
293 Kelvin Cross Sections



MAT 5231

(n,p) Levels
293 Kelvin Cross Sections

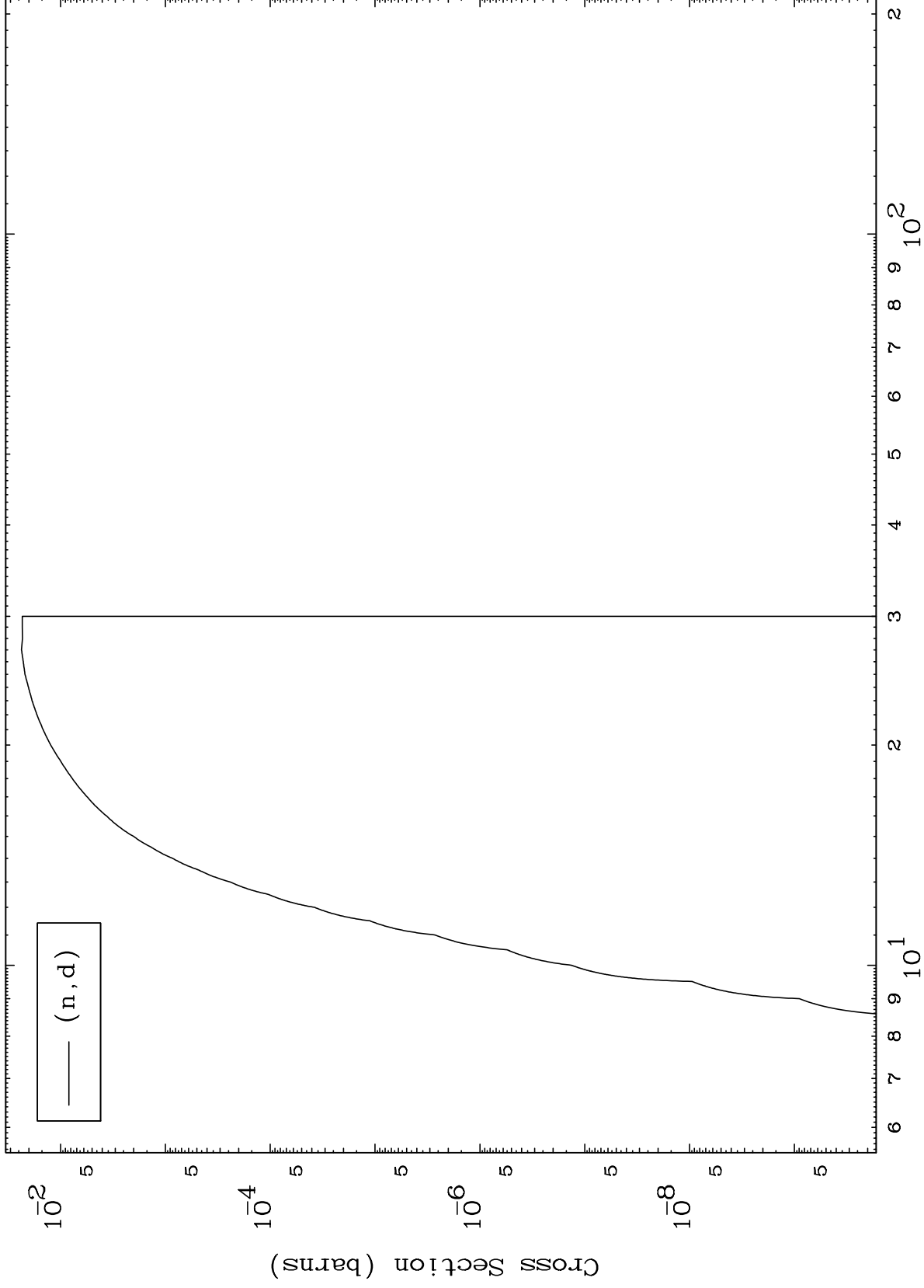
52-Te-122



MAT 5231

(n,d) Levels
293 Kelvin Cross Sections

52-Te-122



13

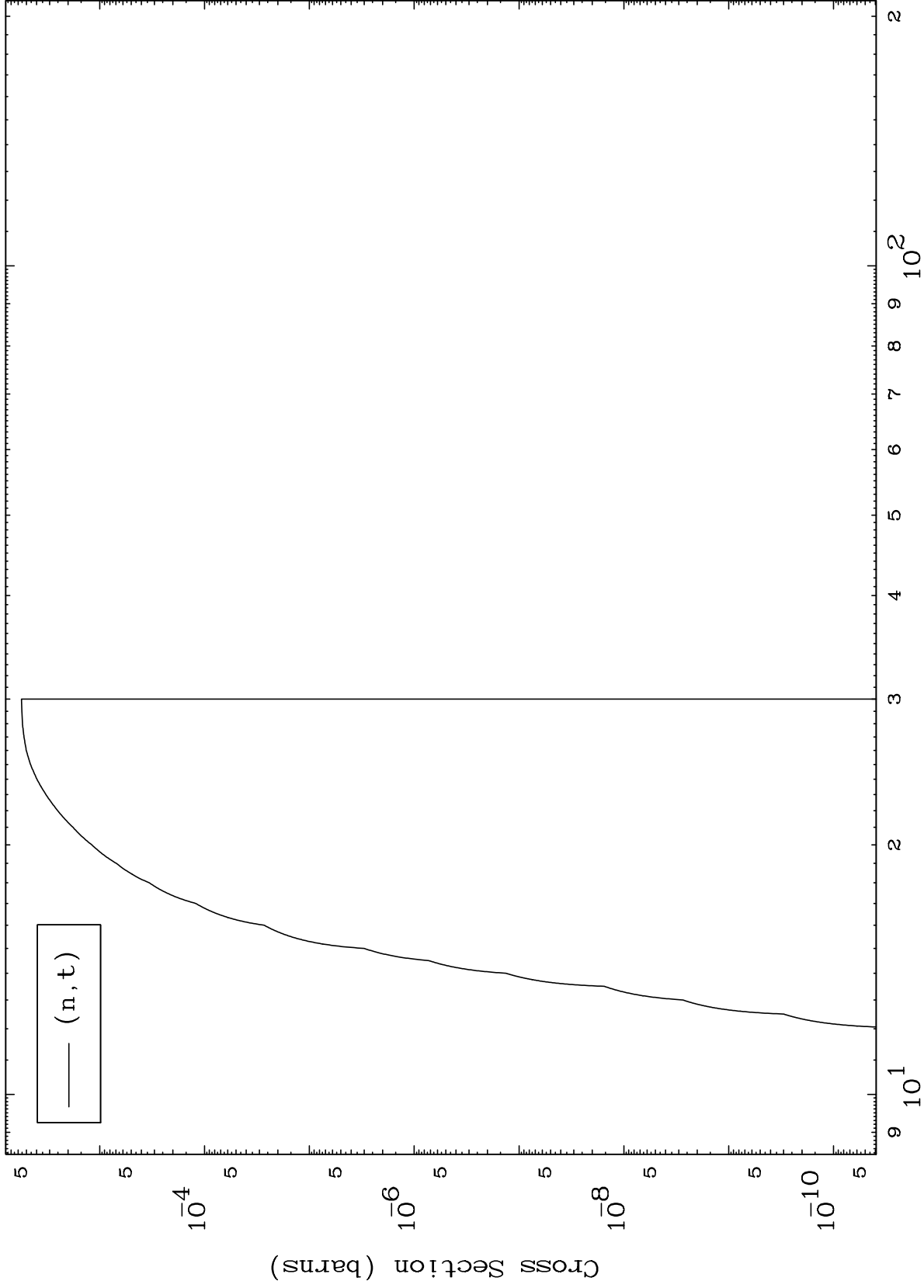
Incident Energy (MeV)

52-Te-122

MAT 5231

(n,t) Levels
293 Kelvin Cross Sections

52-Te-122



14

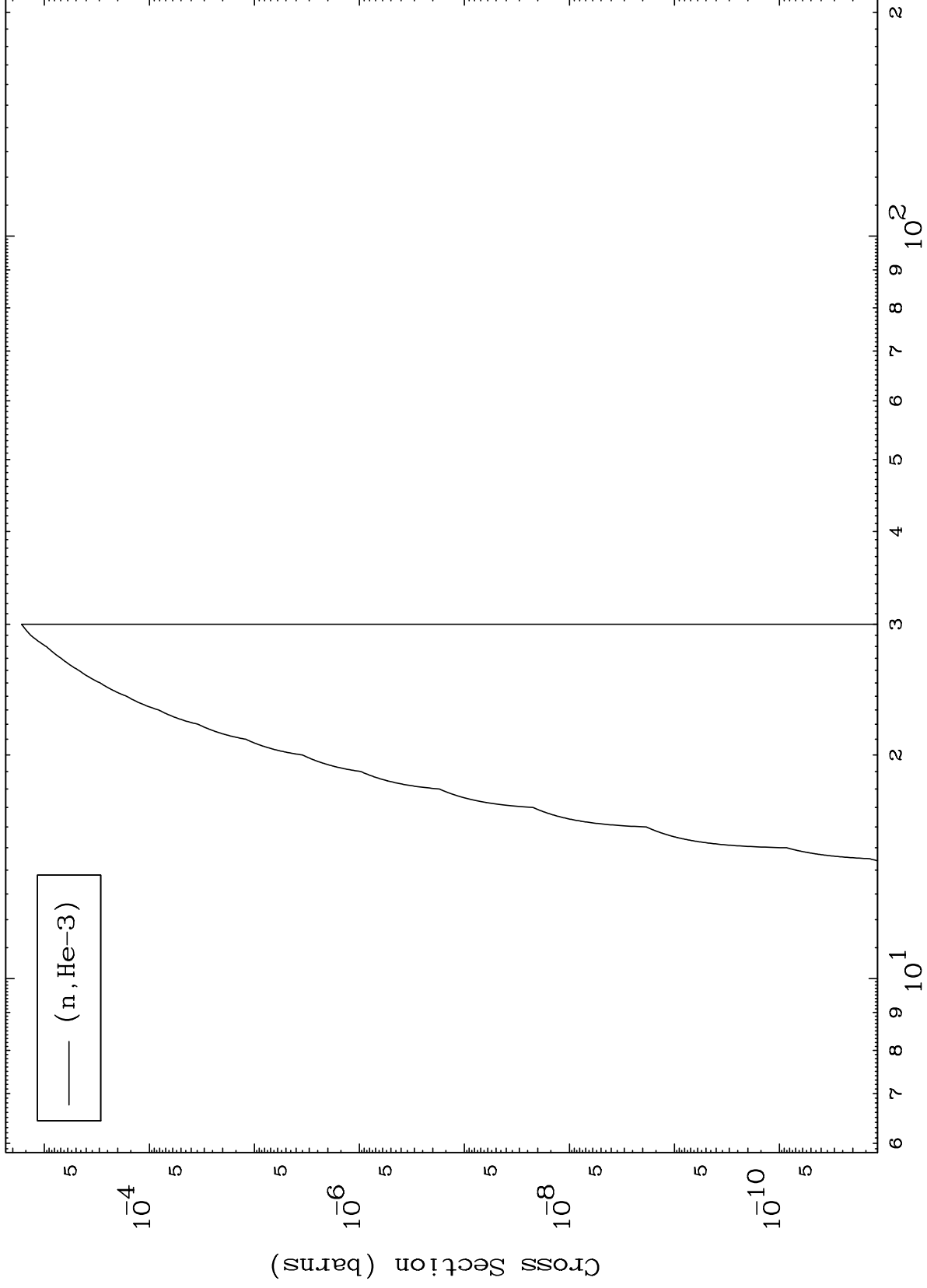
Incident Energy (MeV)

52-Te-122

MAT 5231

(n,He3) Levels
293 Kelvin Cross Sections

52-Te-122



15

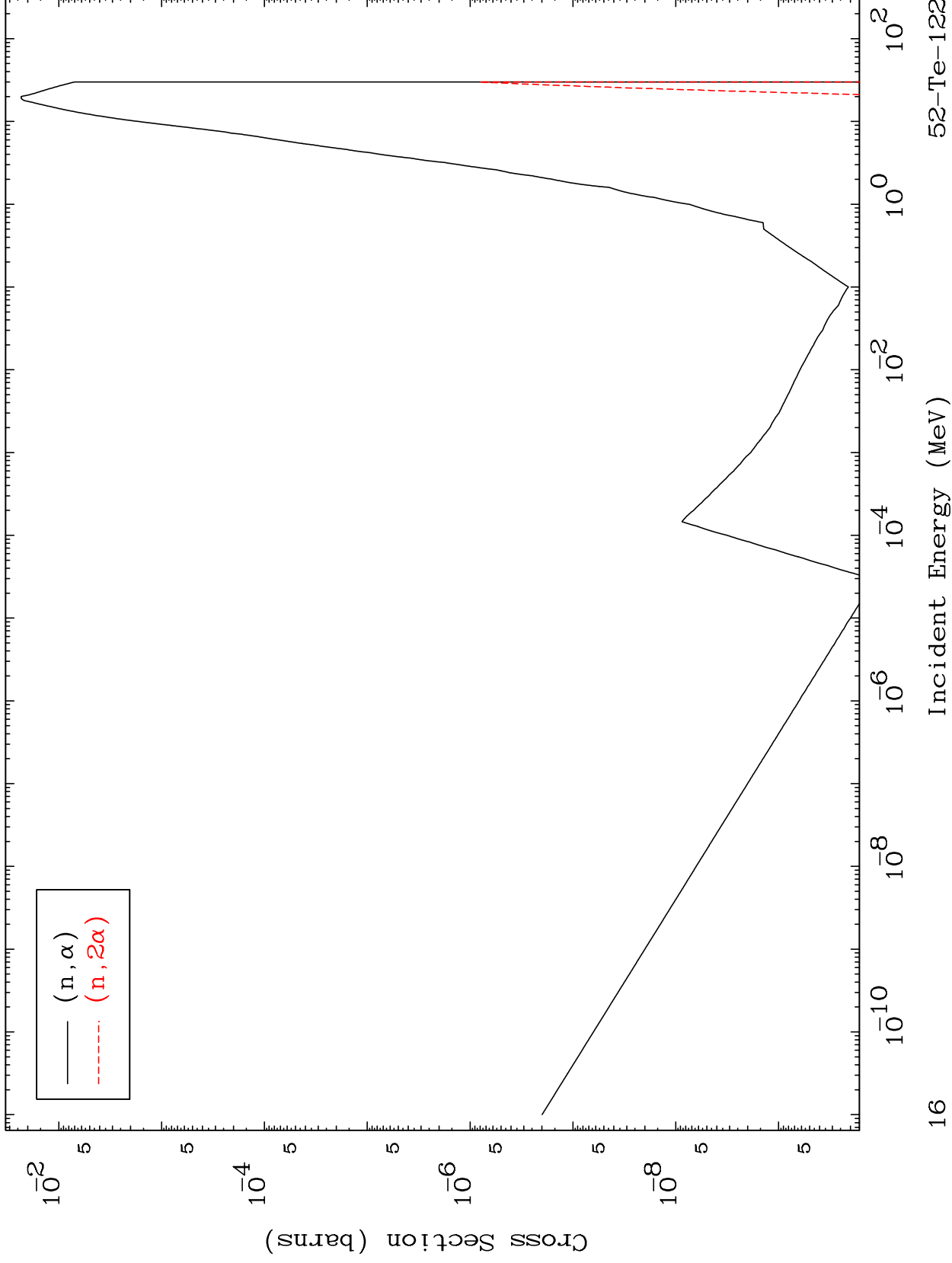
Incident Energy (MeV)

52-Te-122

MAT 5231

(n, α) Levels
293 Kelvin Cross Sections

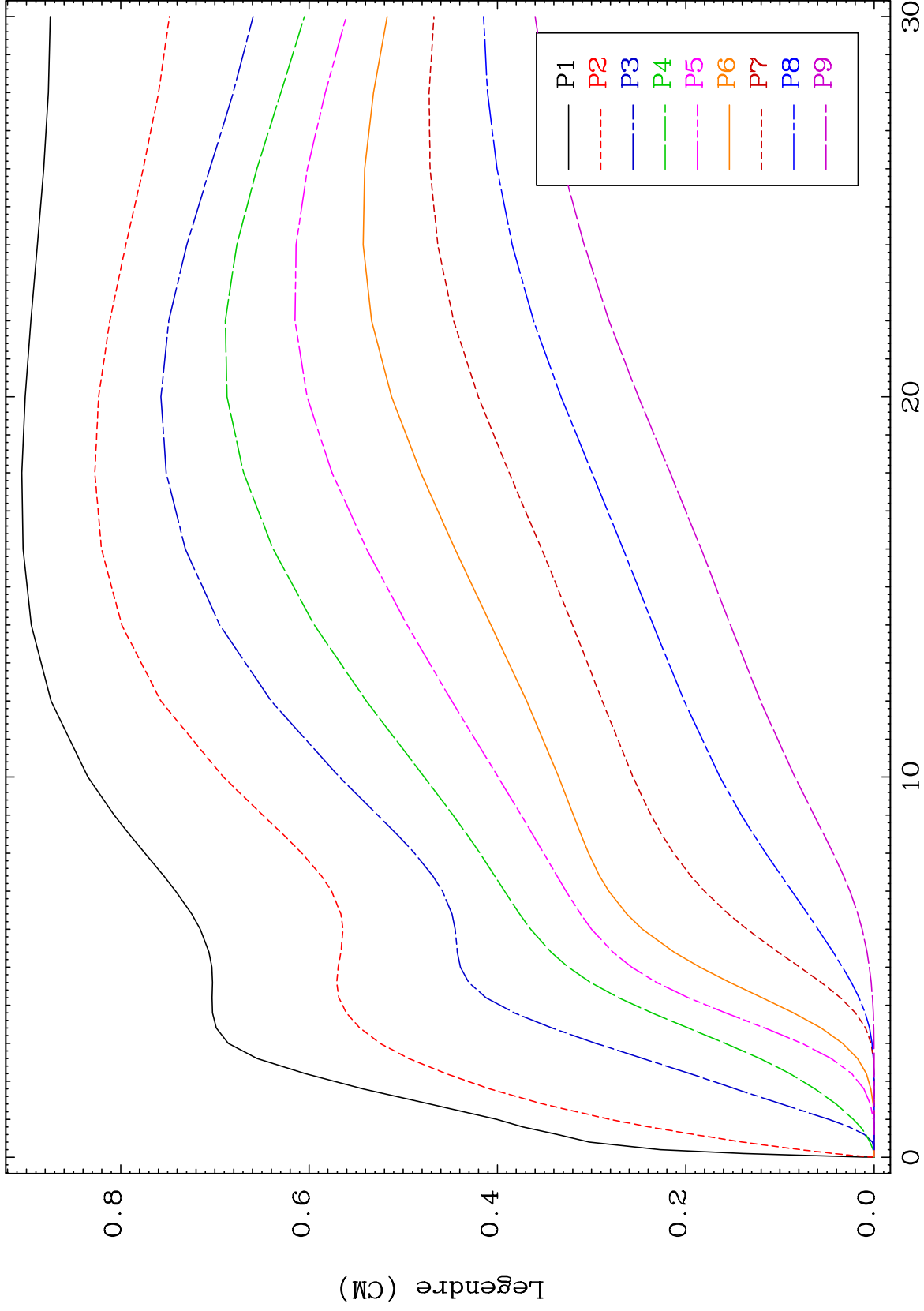
52-Te-122



MAT 5231

Elastic Legendre Coefficients

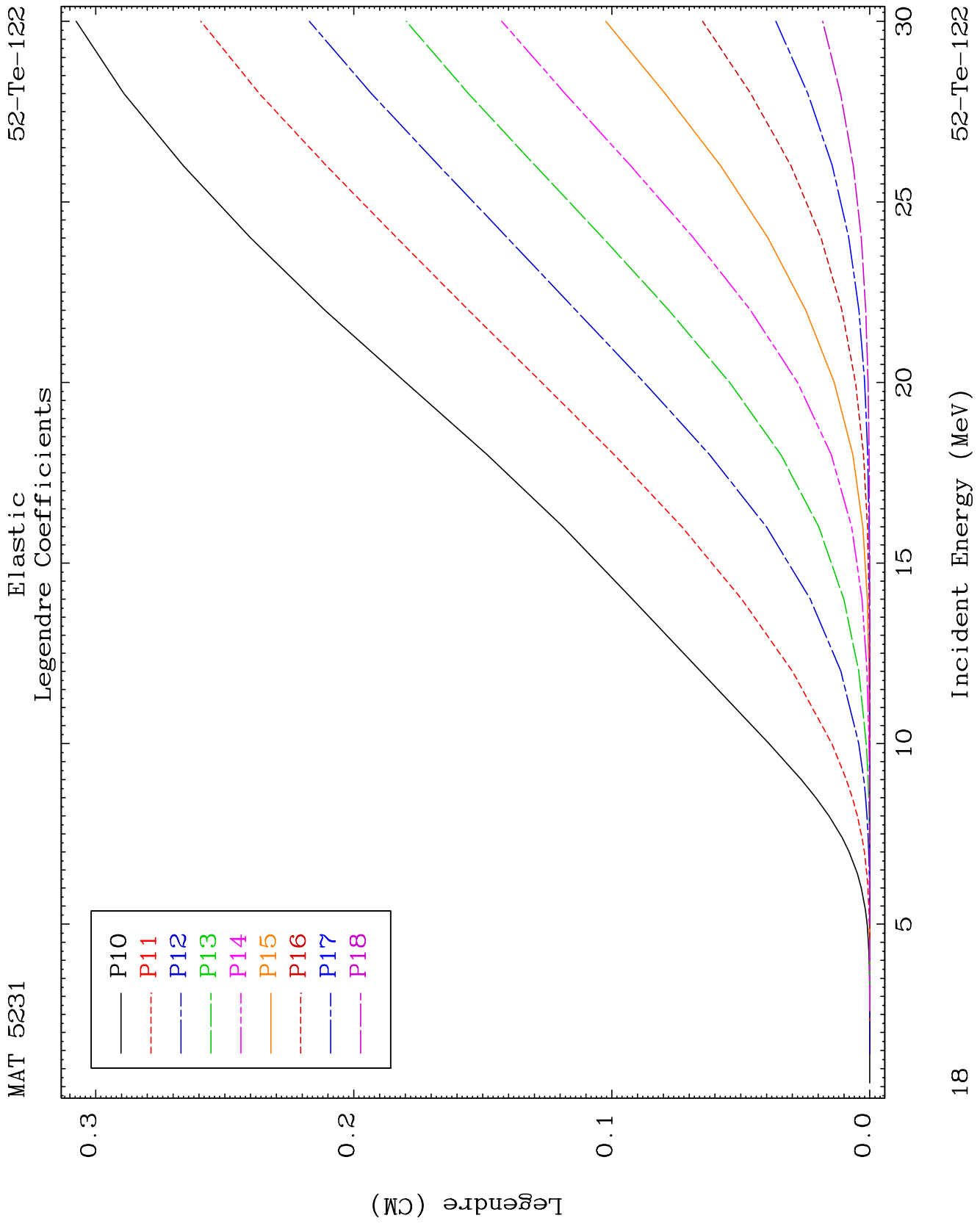
52-Te-122



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Incident Energy (MeV)

52-Te-122



MAT 5231

Elastic Legendre Coefficients

$^{52}\text{Te-122}$

18

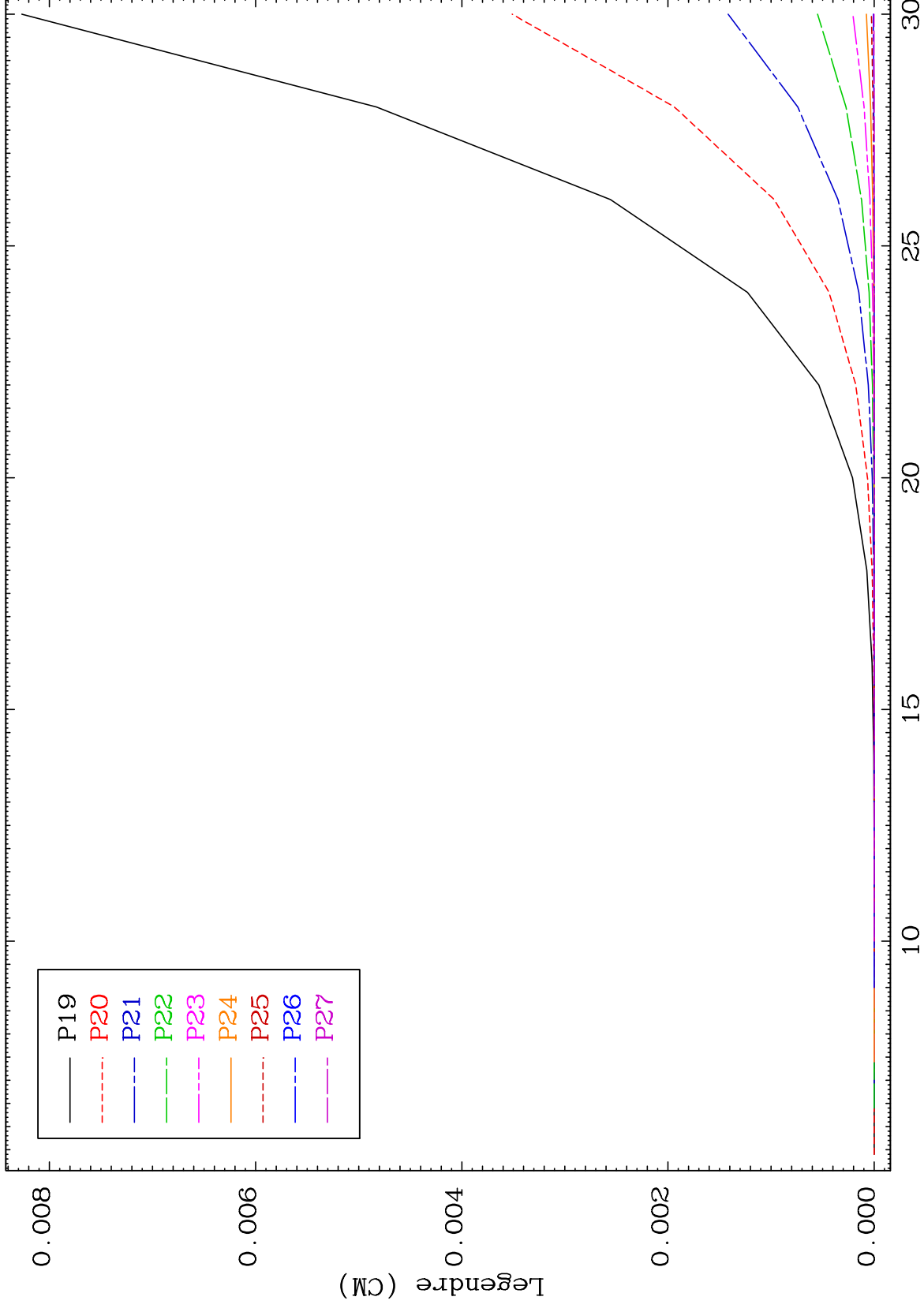
Incident Energy (MeV)

$^{52}\text{Te-122}$

MAT 5231

Elastic
Legendre Coefficients

52-Te-122



19

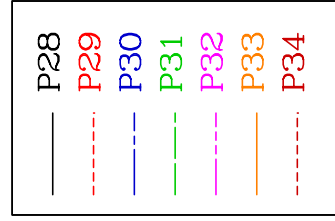
Incident Energy (MeV)

52-Te-122

MAT 5231

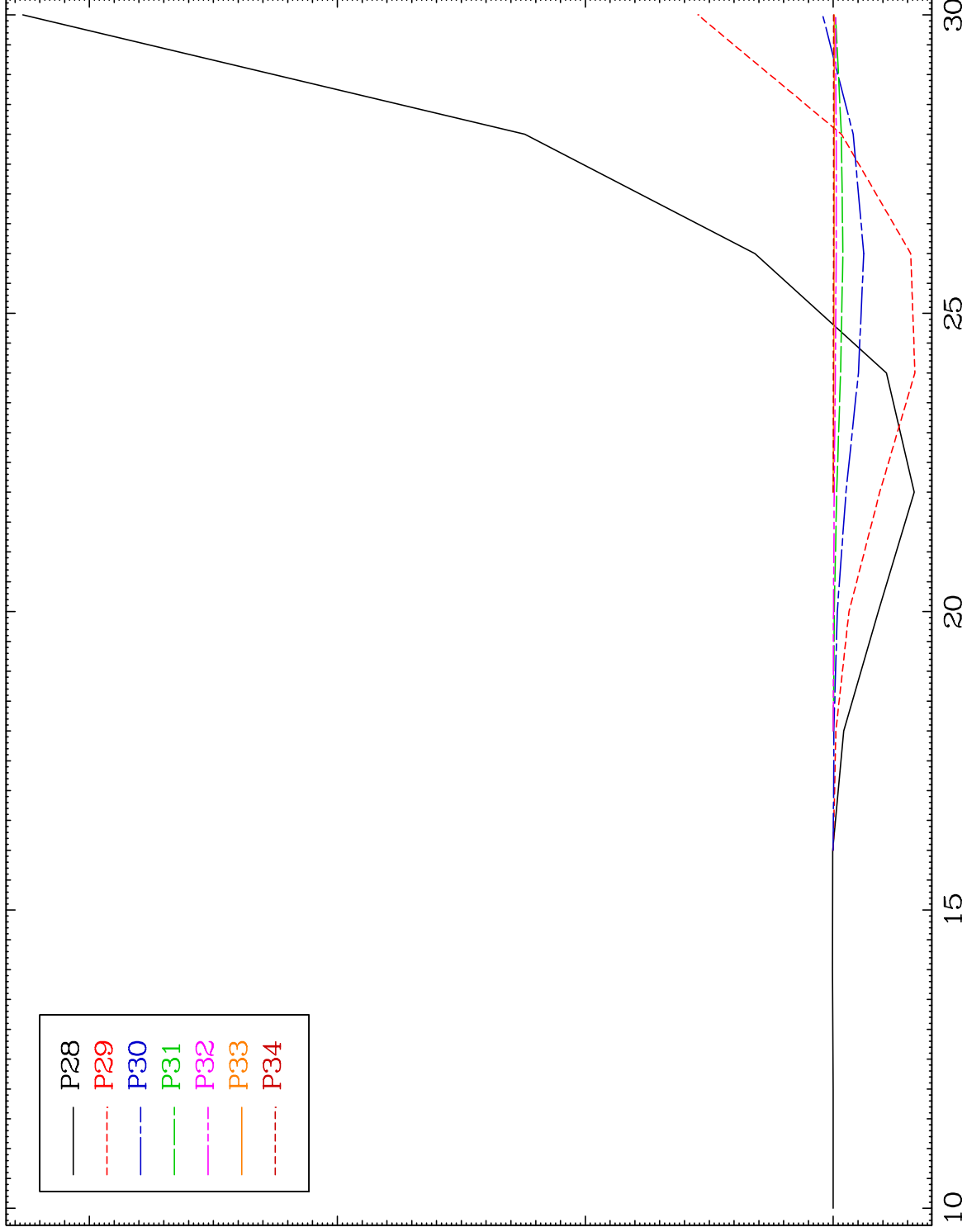
Elastic
Legendre Coefficients

52-Te-122



$\times 10^{-7}$

Legendre (CM)



10

15

20

25

30

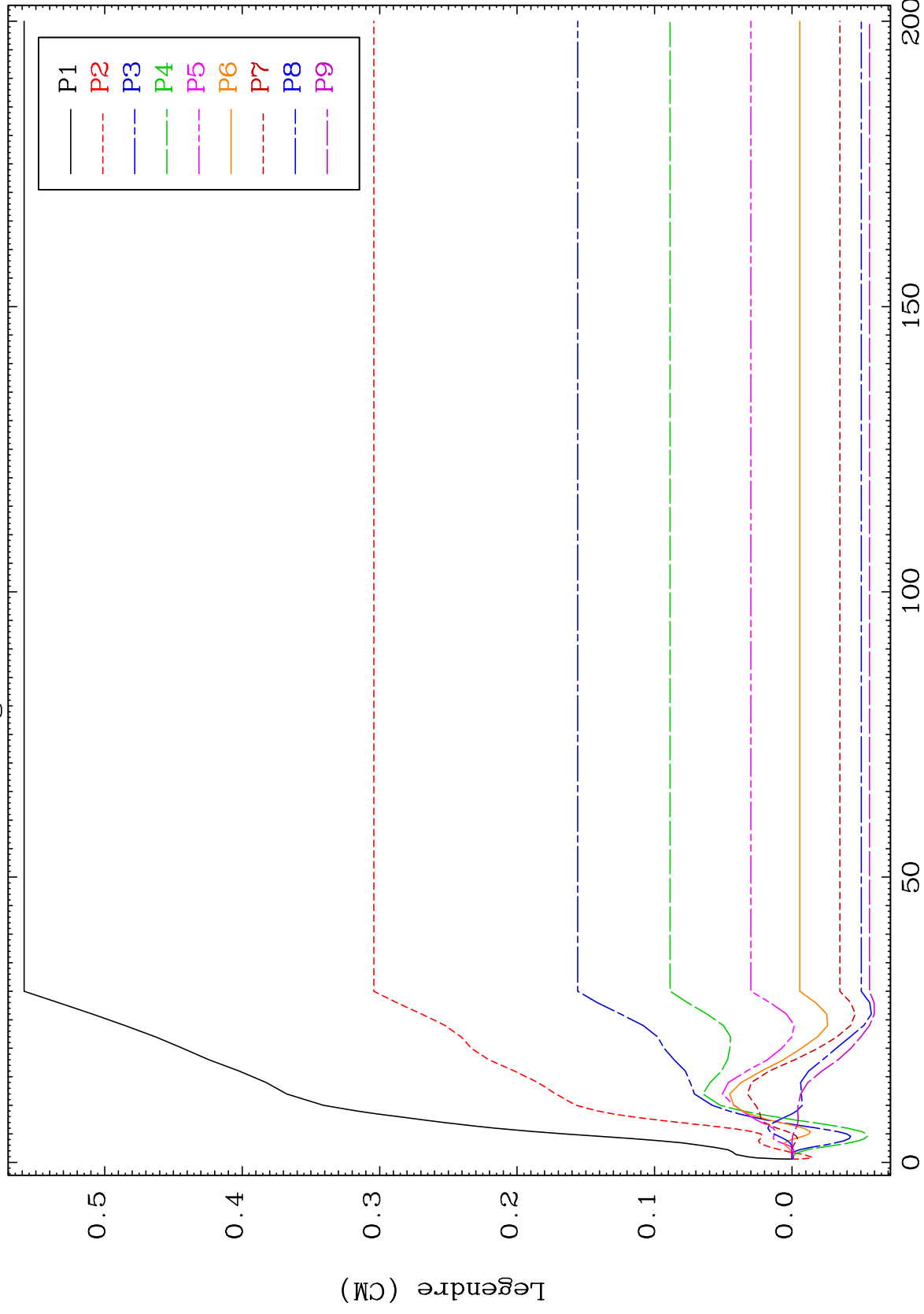
Incident Energy (MeV)

52-Te-122

MAT 5231

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

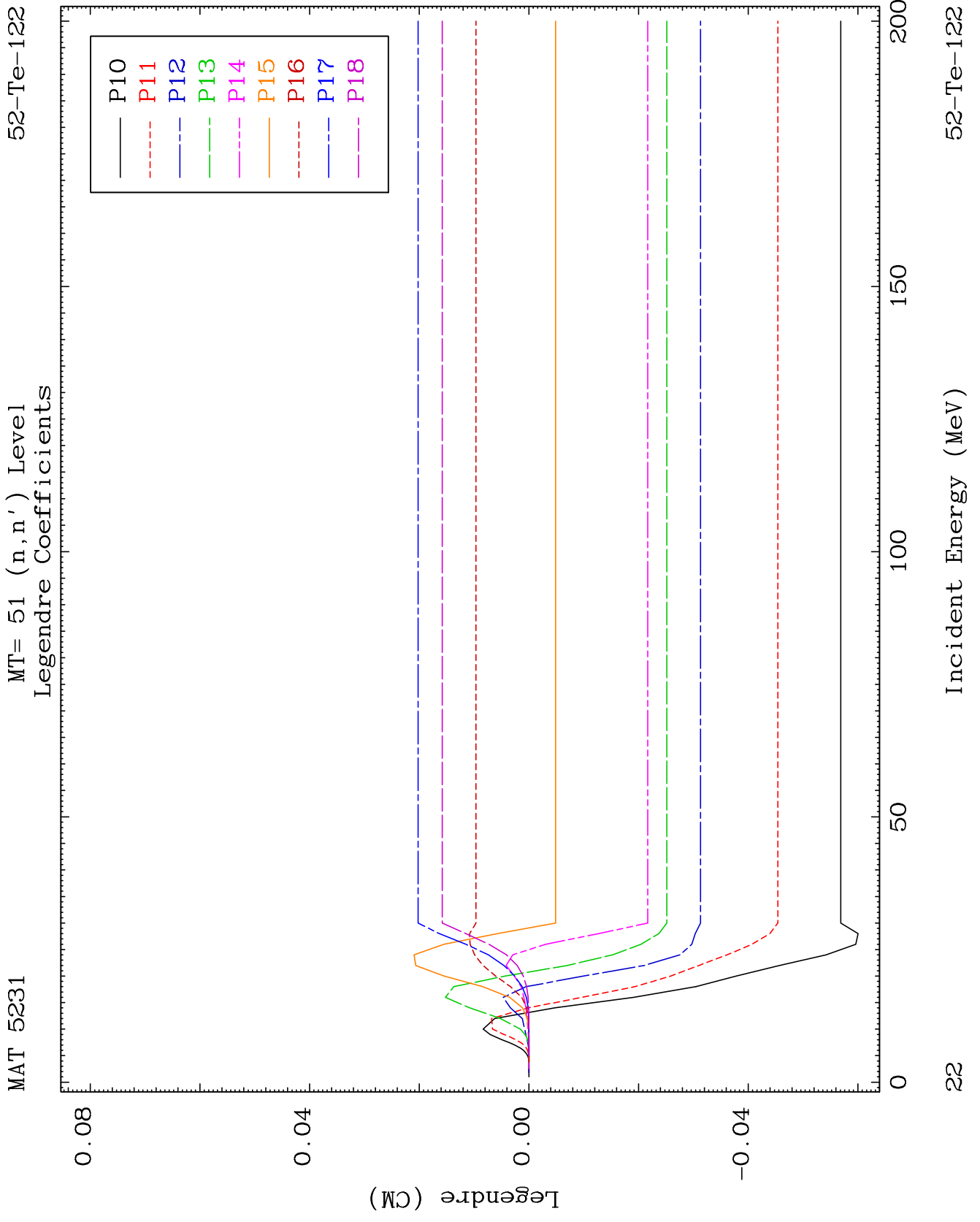
52-Te-122



21

Incident Energy (MeV)

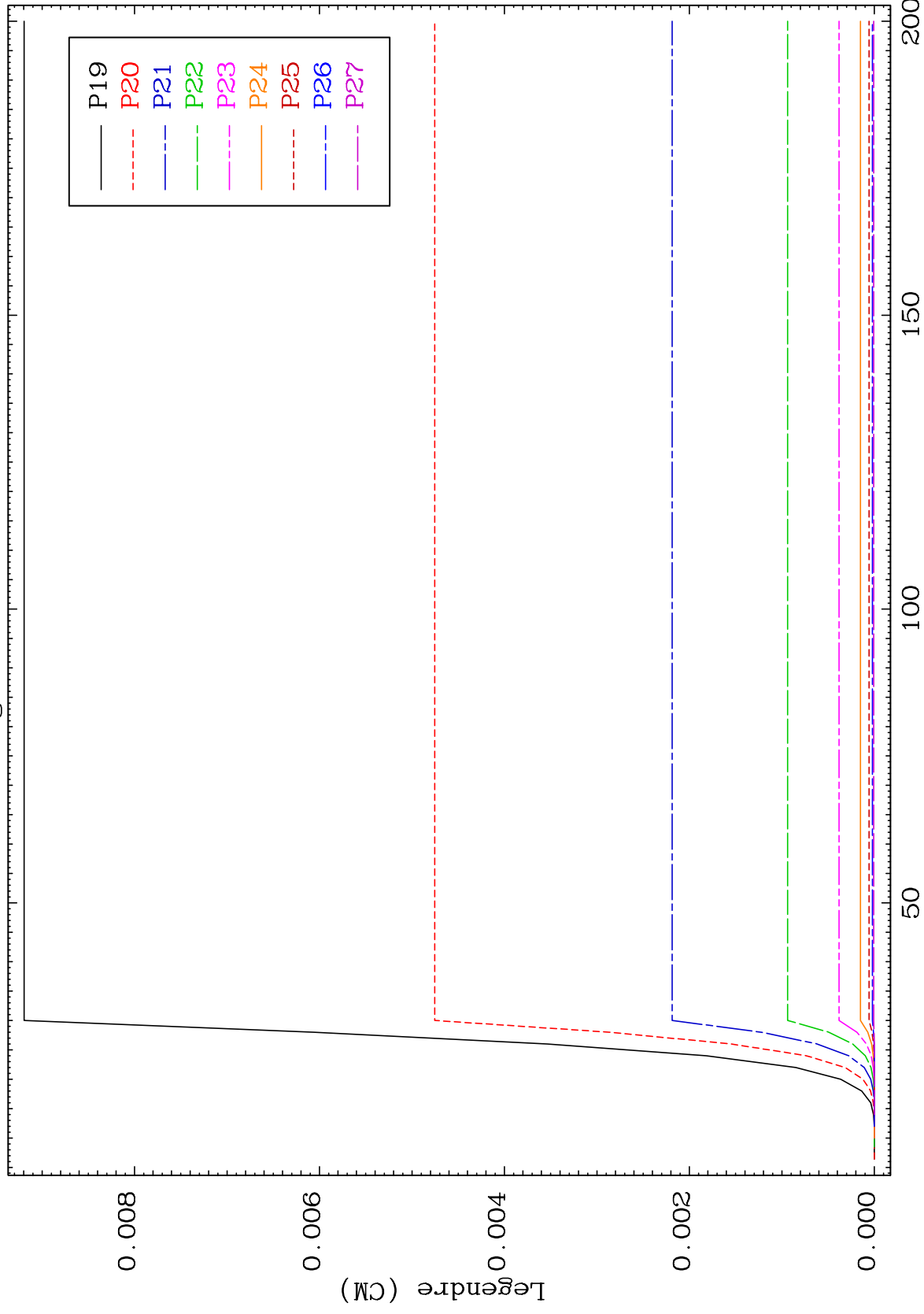
52-Te-122



MAT 5231

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

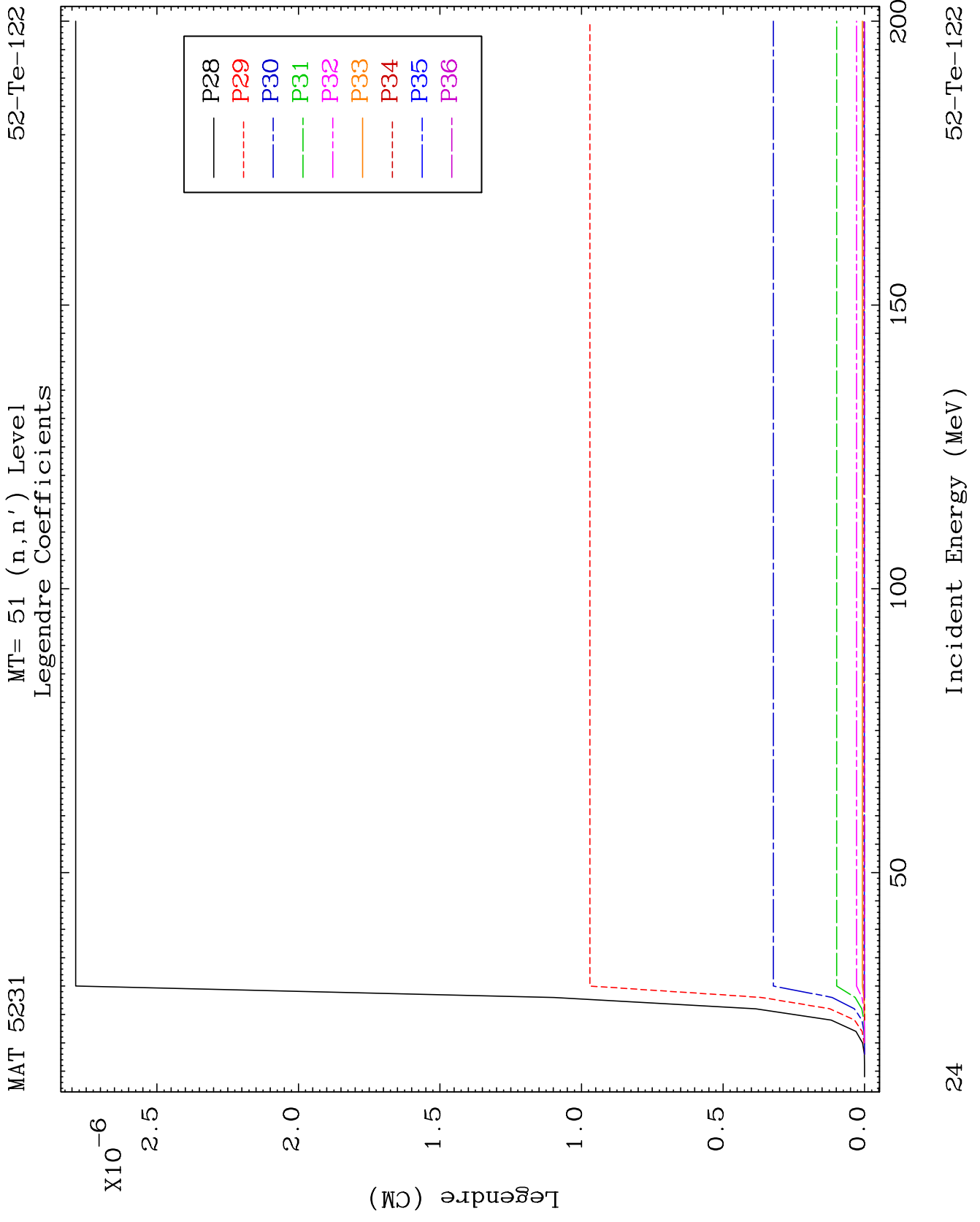
52-Te-122



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Incident Energy (MeV)

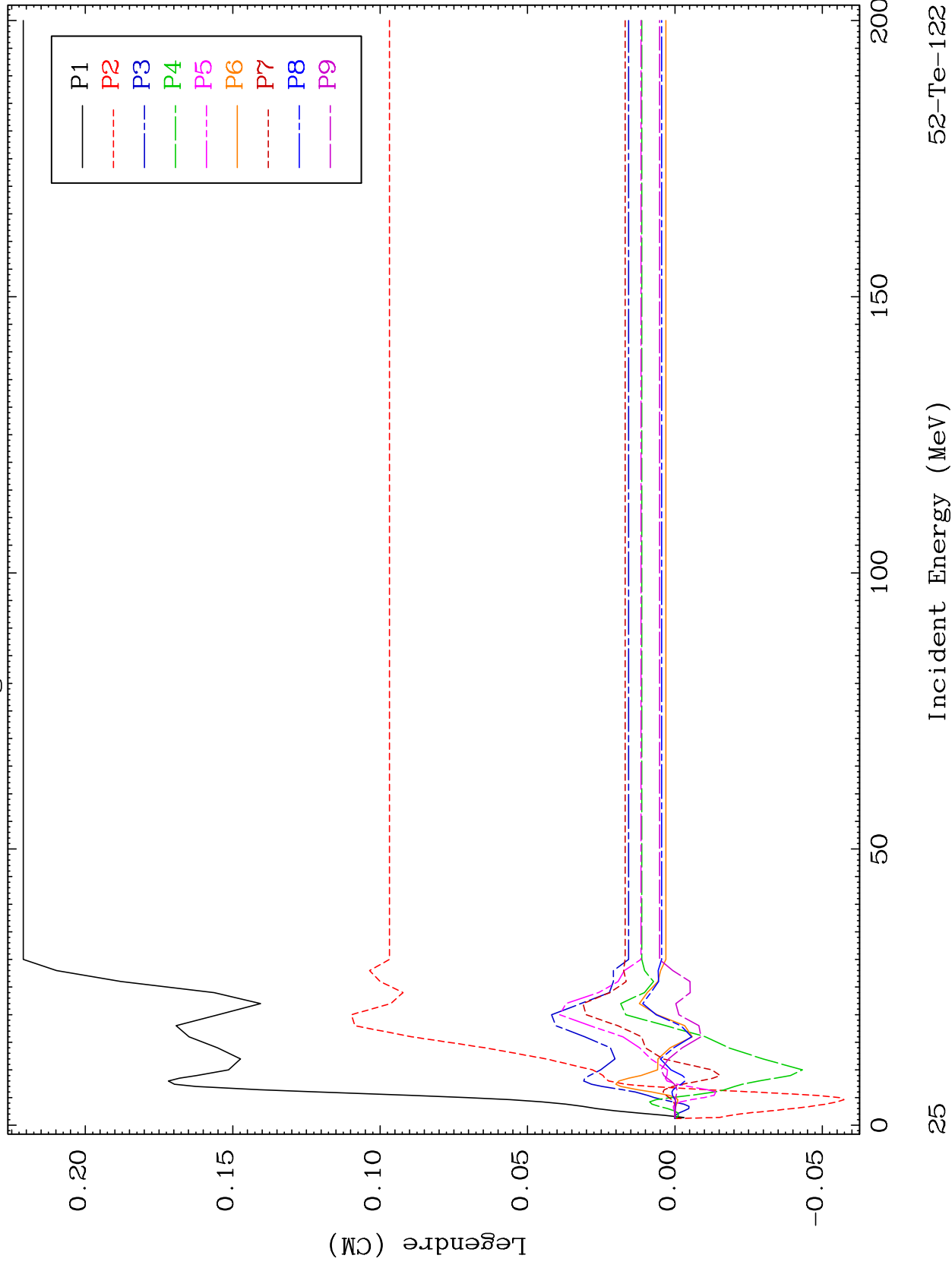
52-Te-122



MAT 5231

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

52-Te-122



52-Te-122

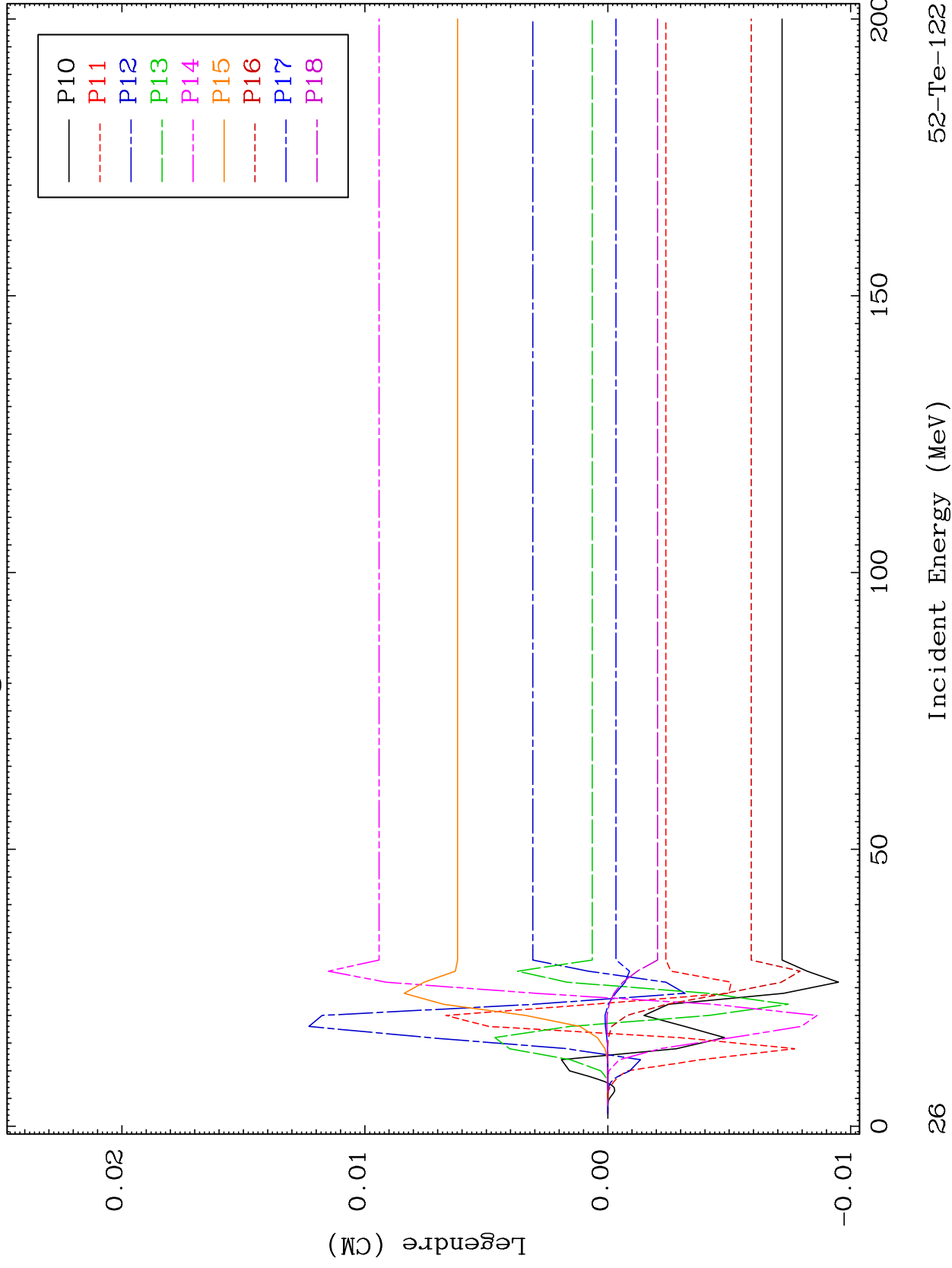
Incident Energy (MeV)

25

MAT 5231

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

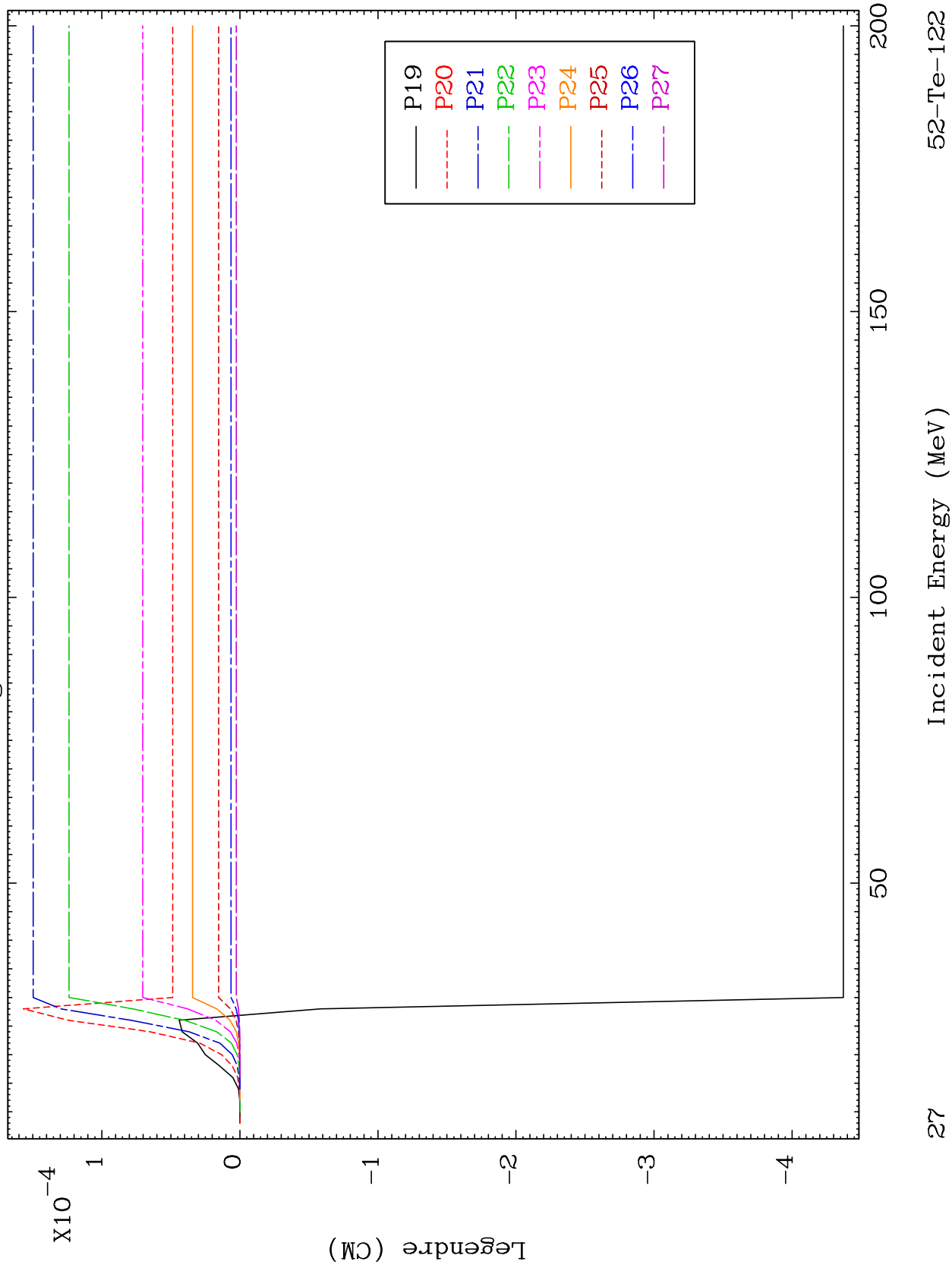
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MAT 5231

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

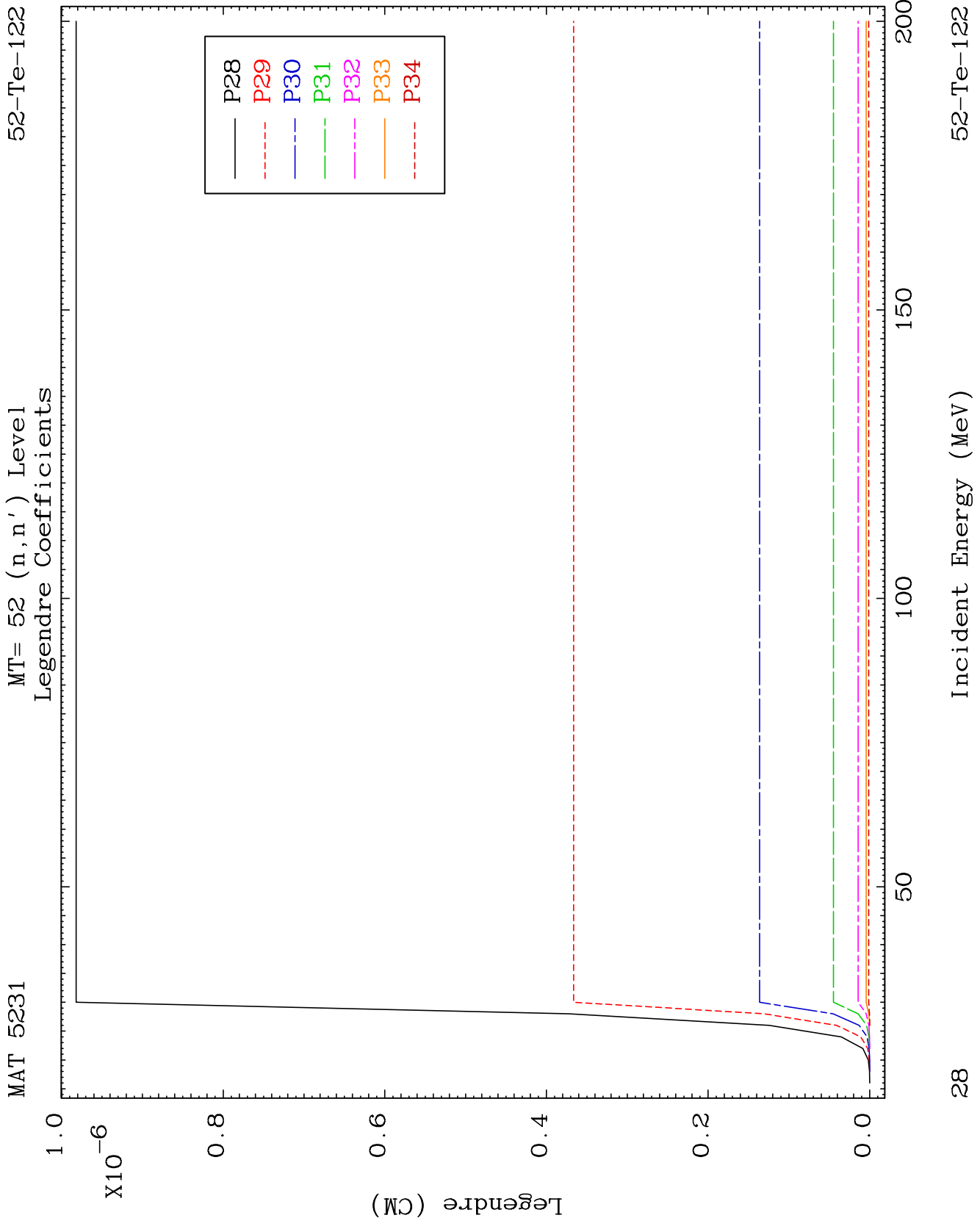
52-Te-122



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Incident Energy (MeV)

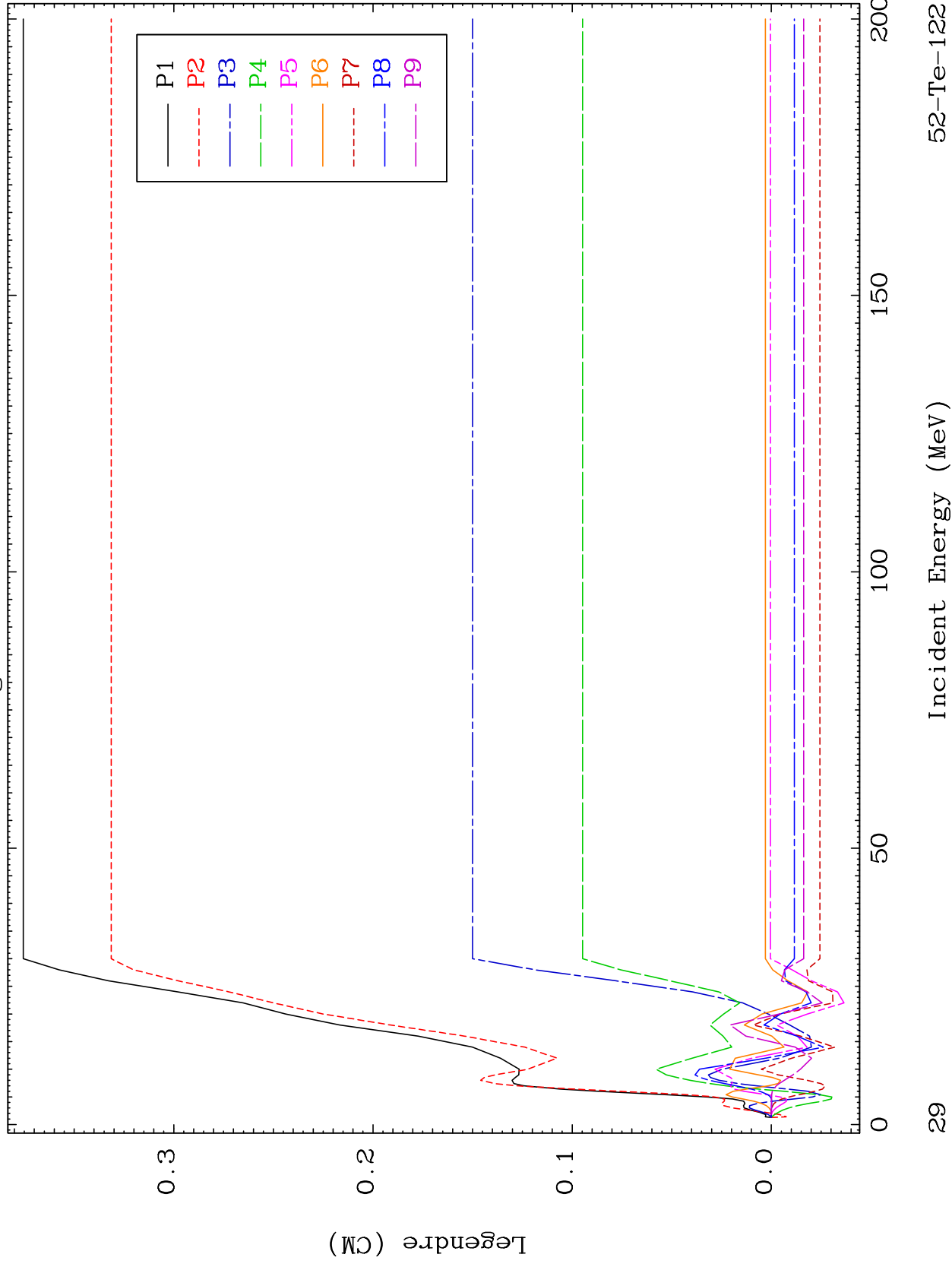
52-Te-122



MAT 5231

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

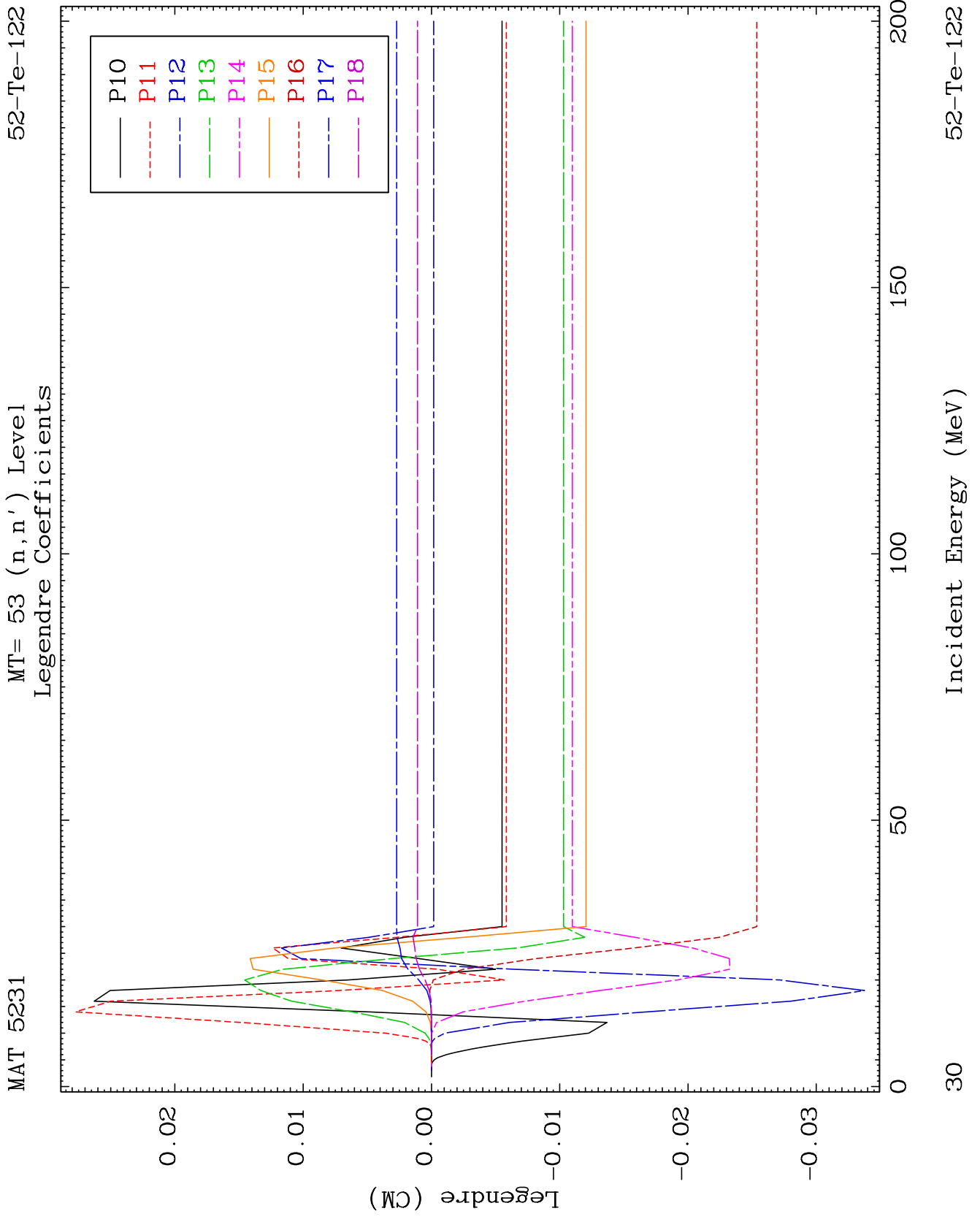
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29

Incident Energy (MeV)

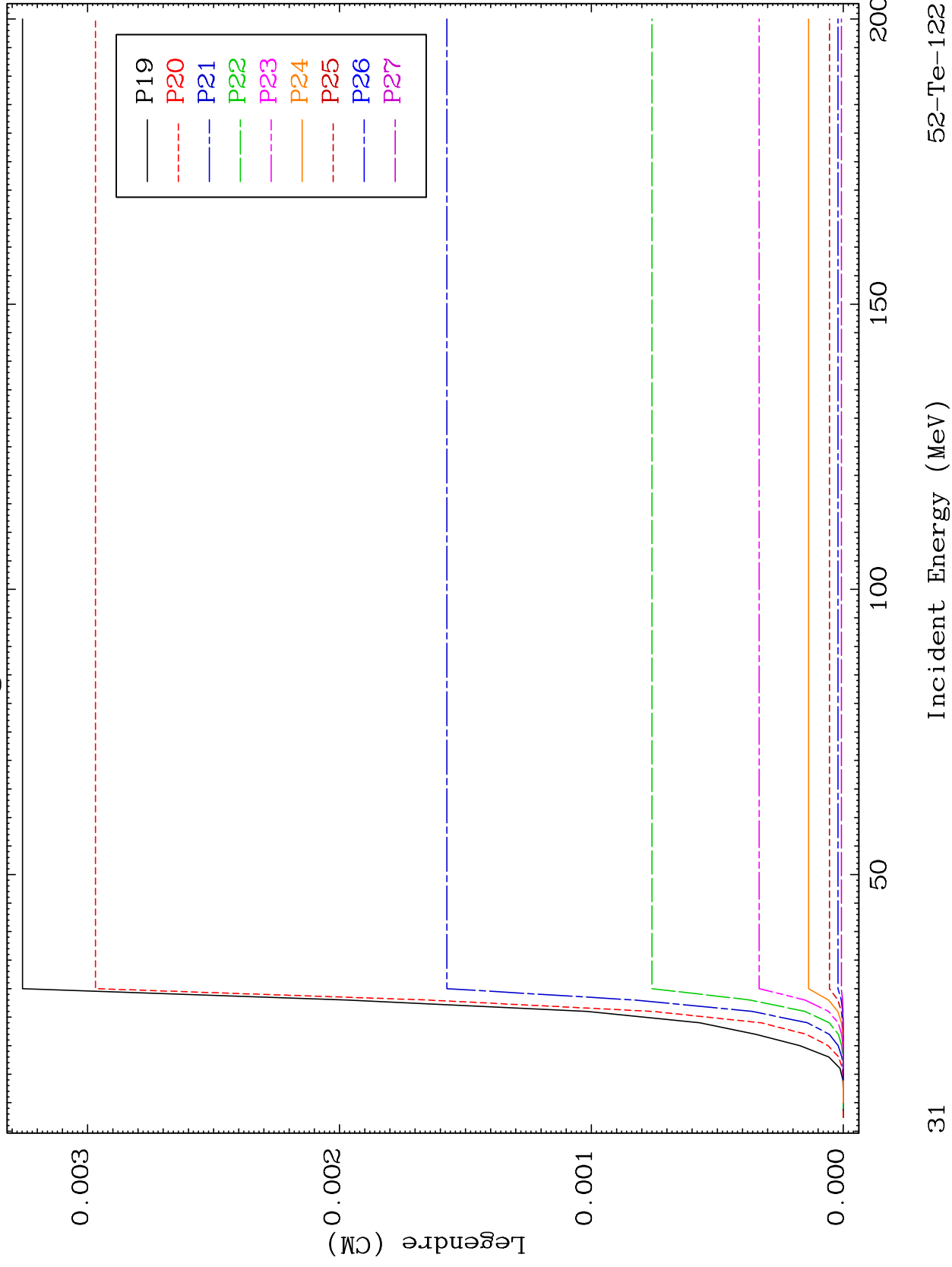
52-Te-122



MAT 5231

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

52-Te-122



31

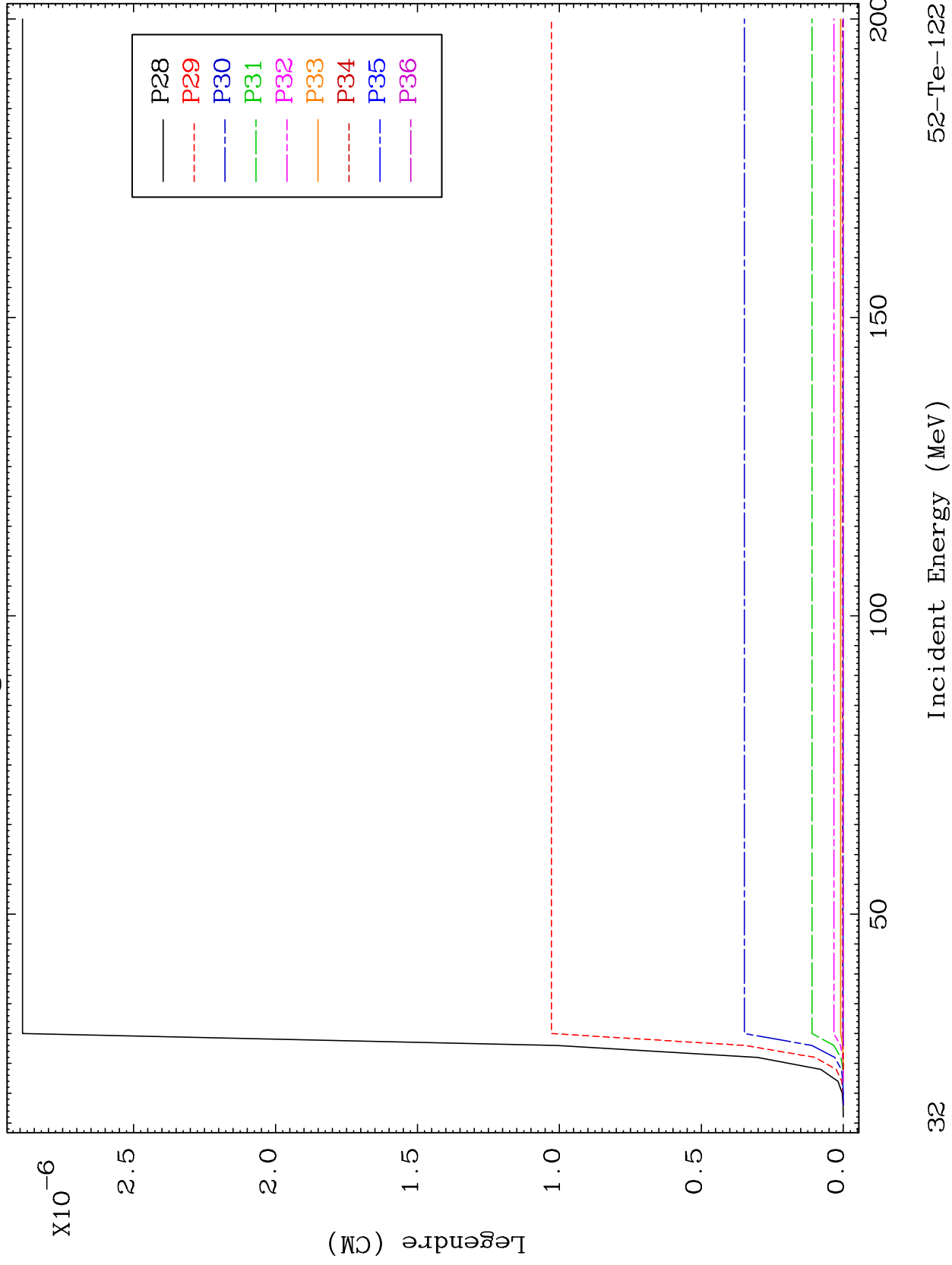
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122

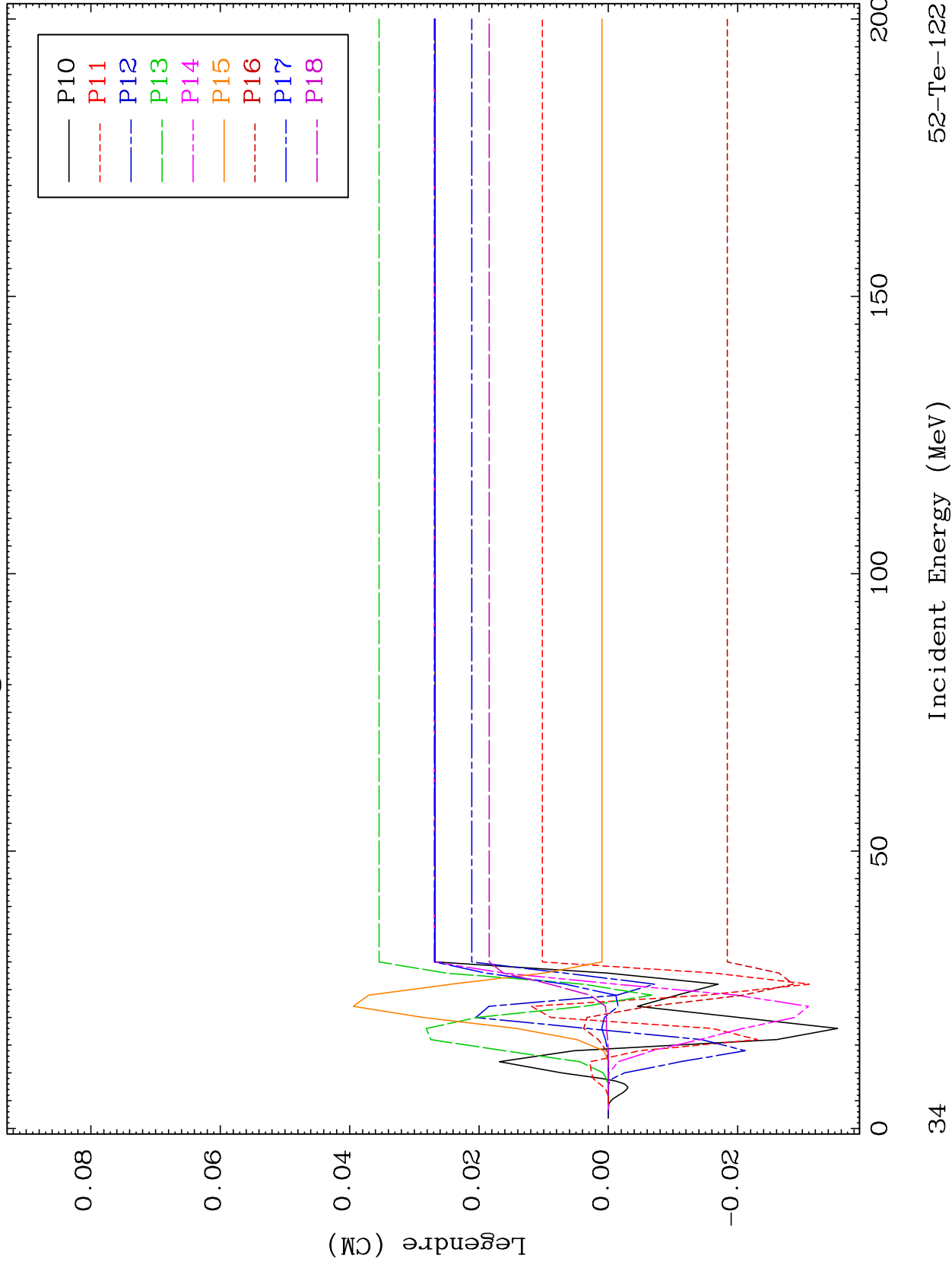


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MAT 5231

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

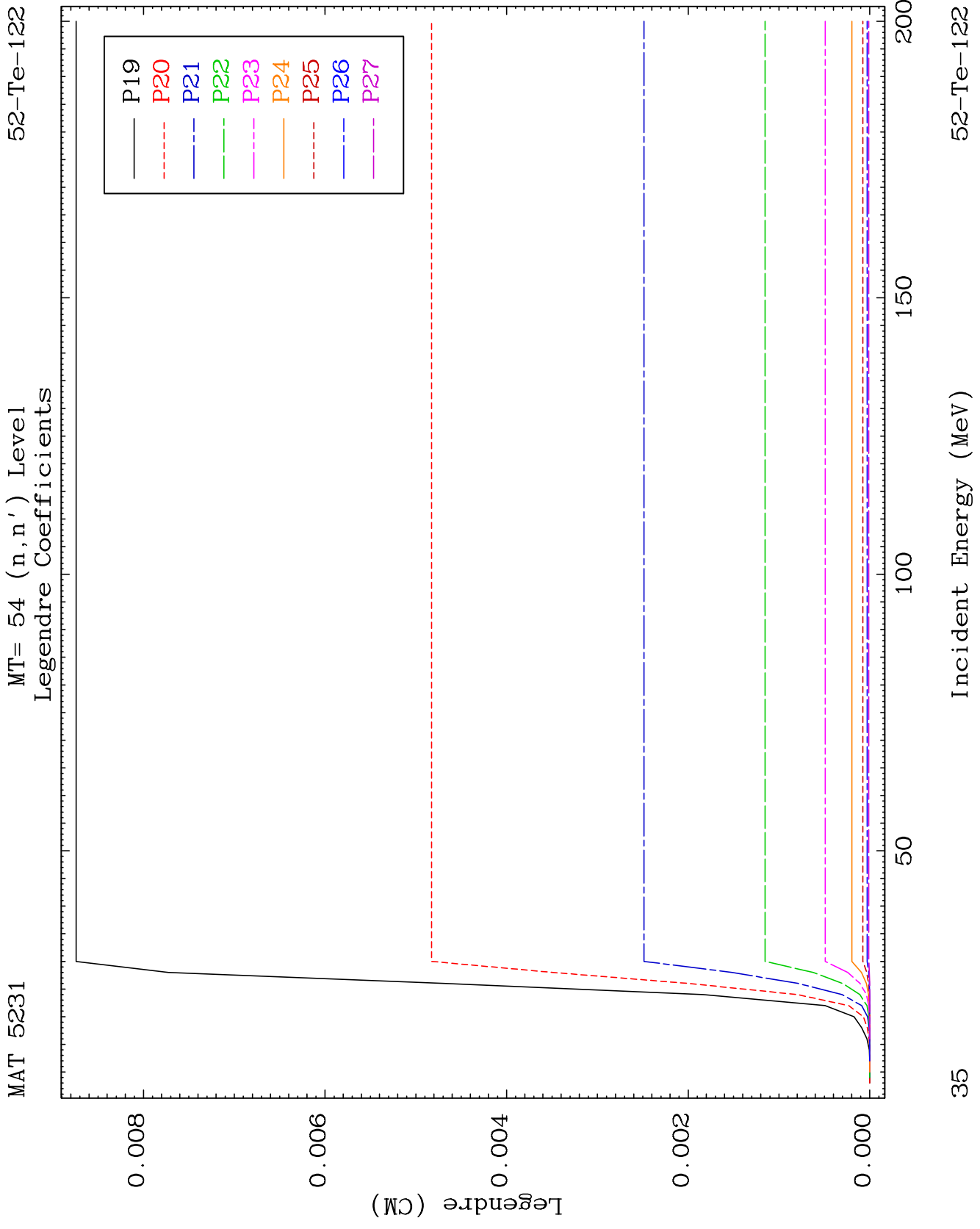
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34

Incident Energy (MeV)

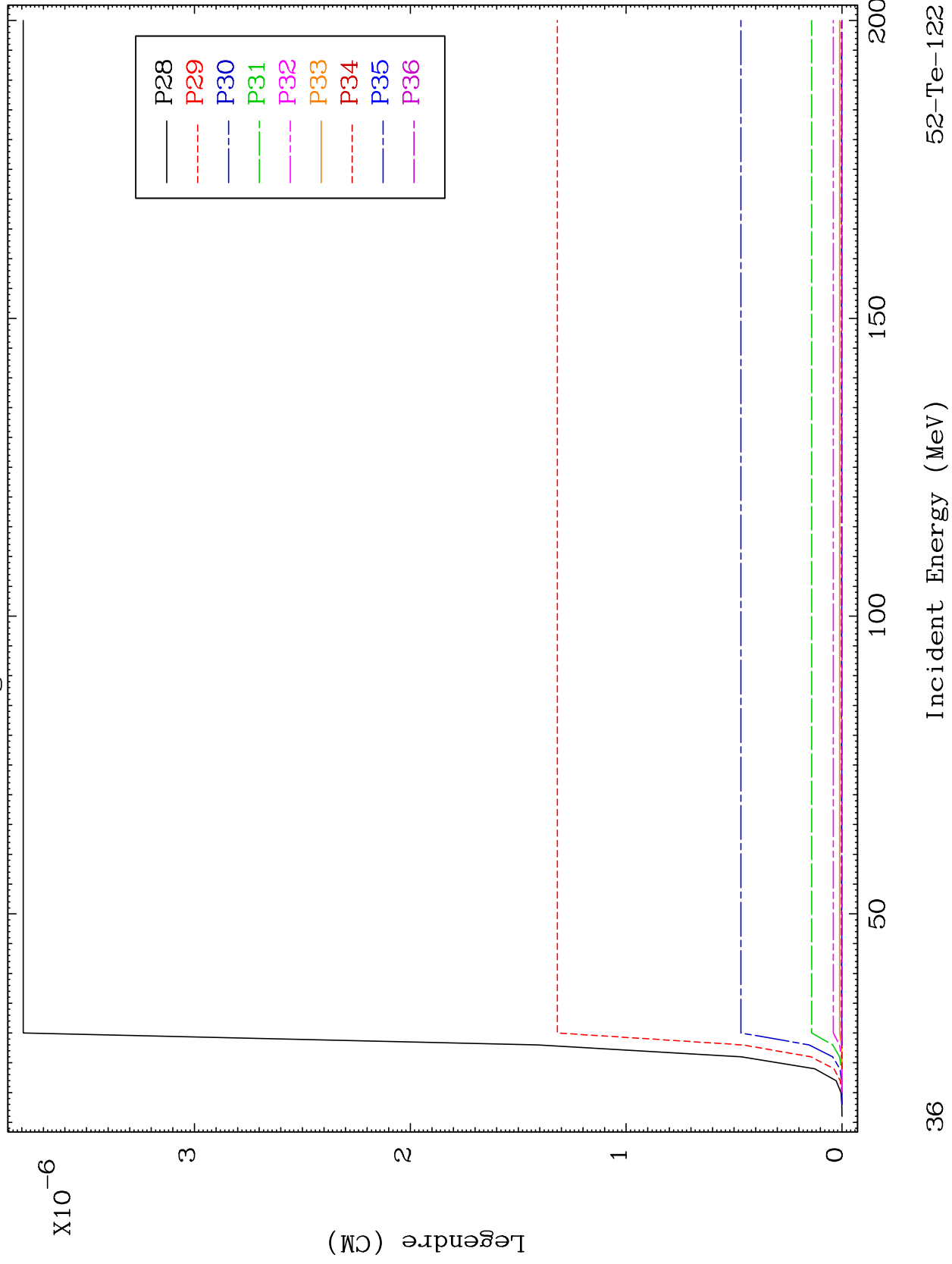
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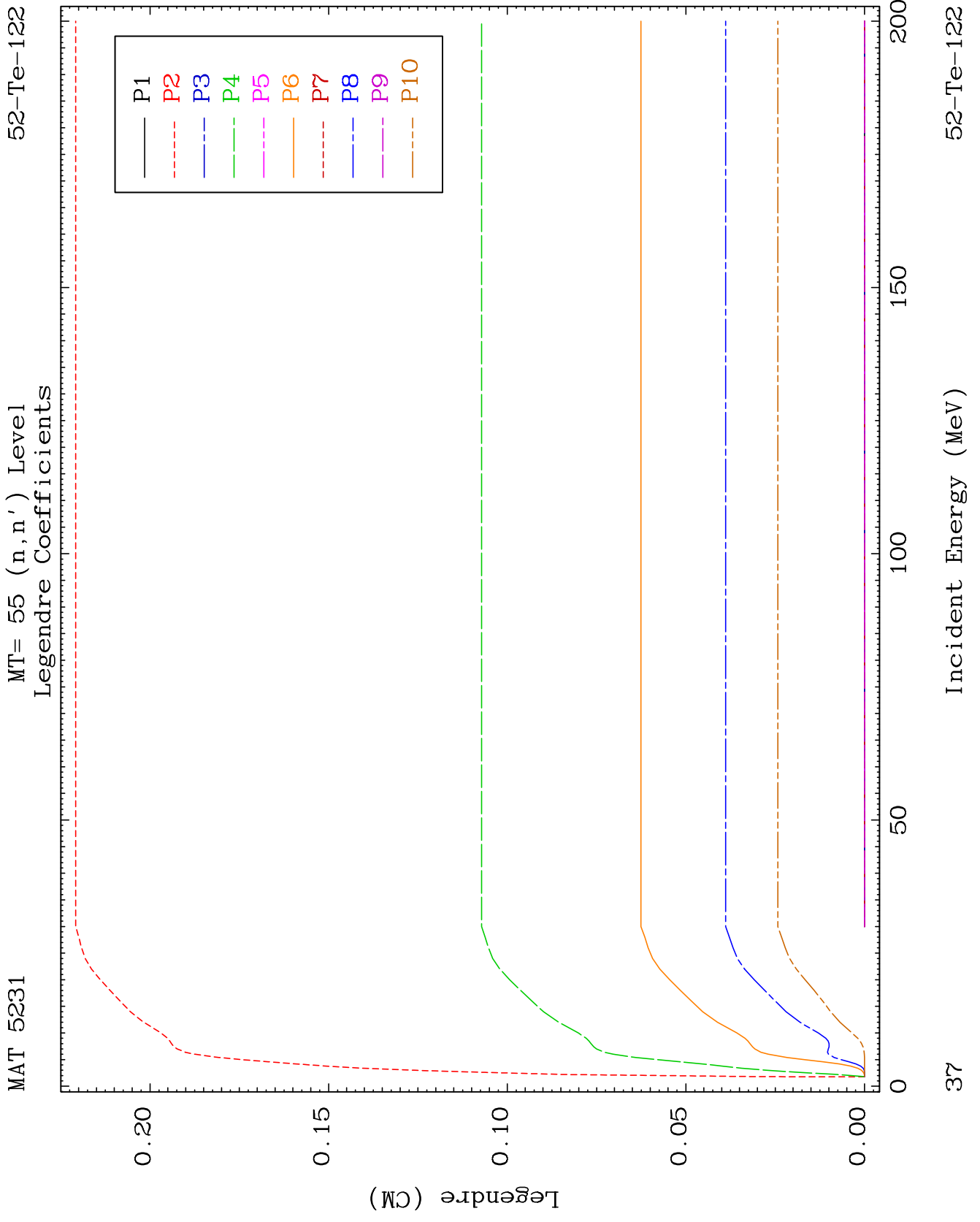


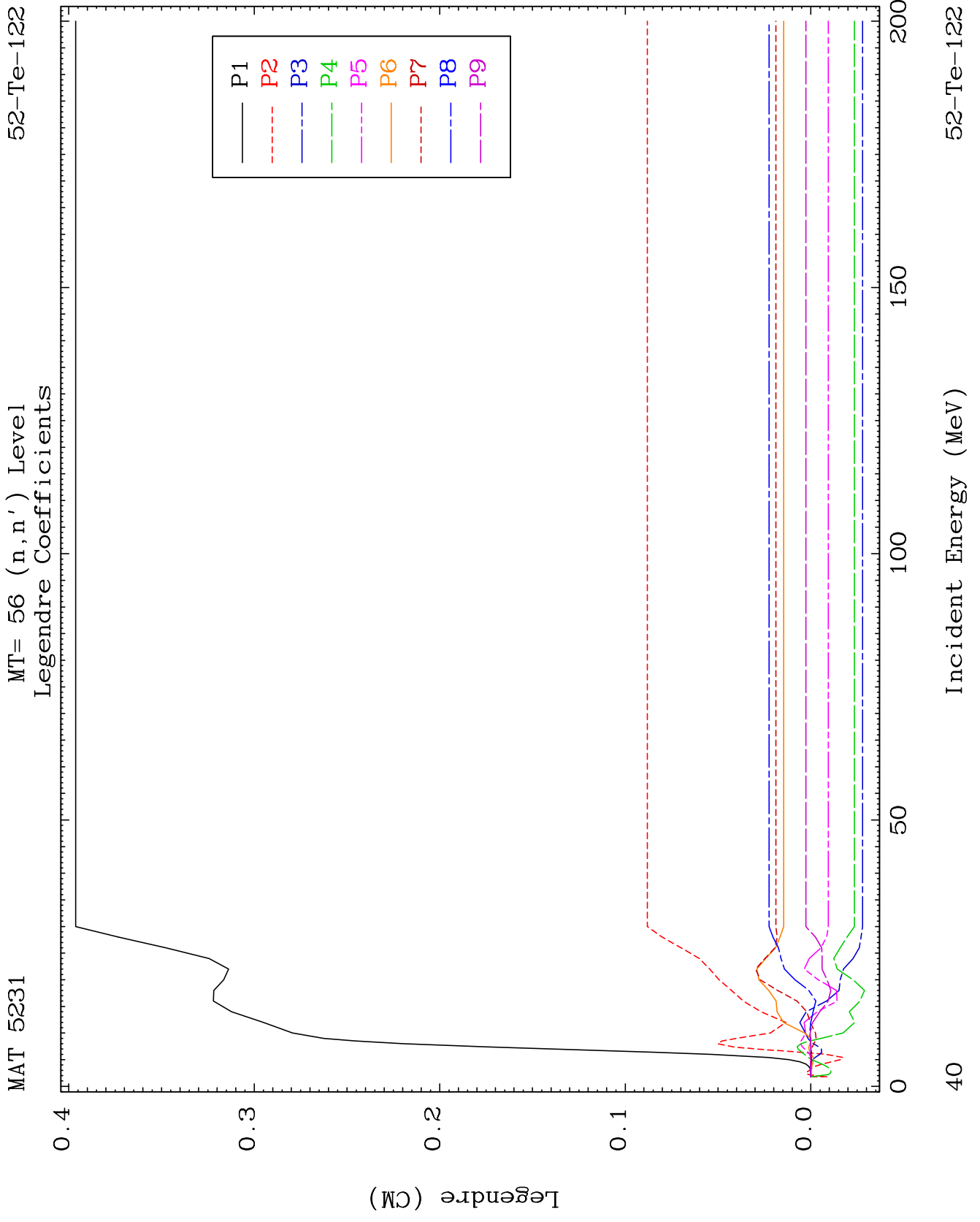
MAT 5231

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

52-Te-122



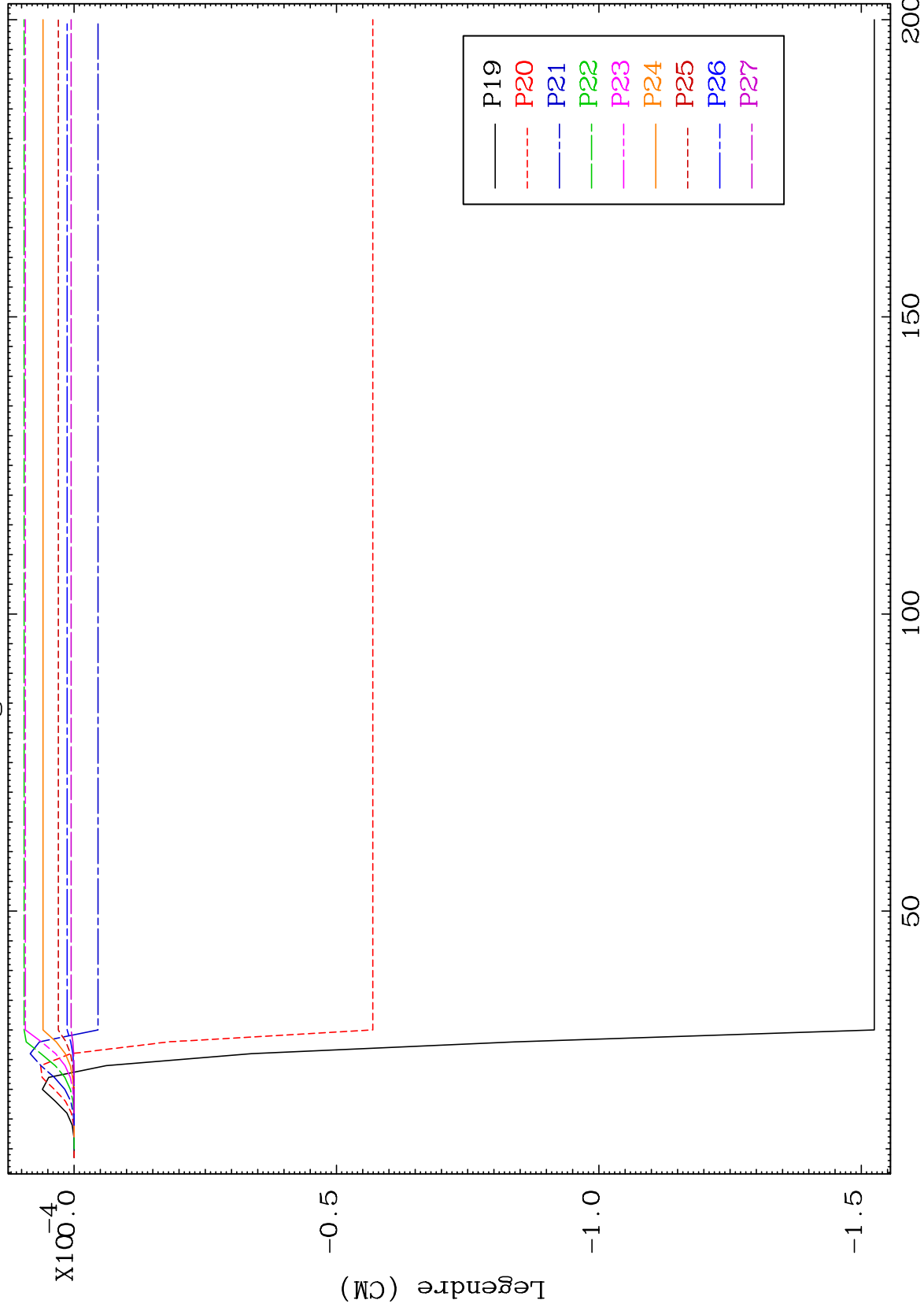




MAT 5231

52-Te-122

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



42

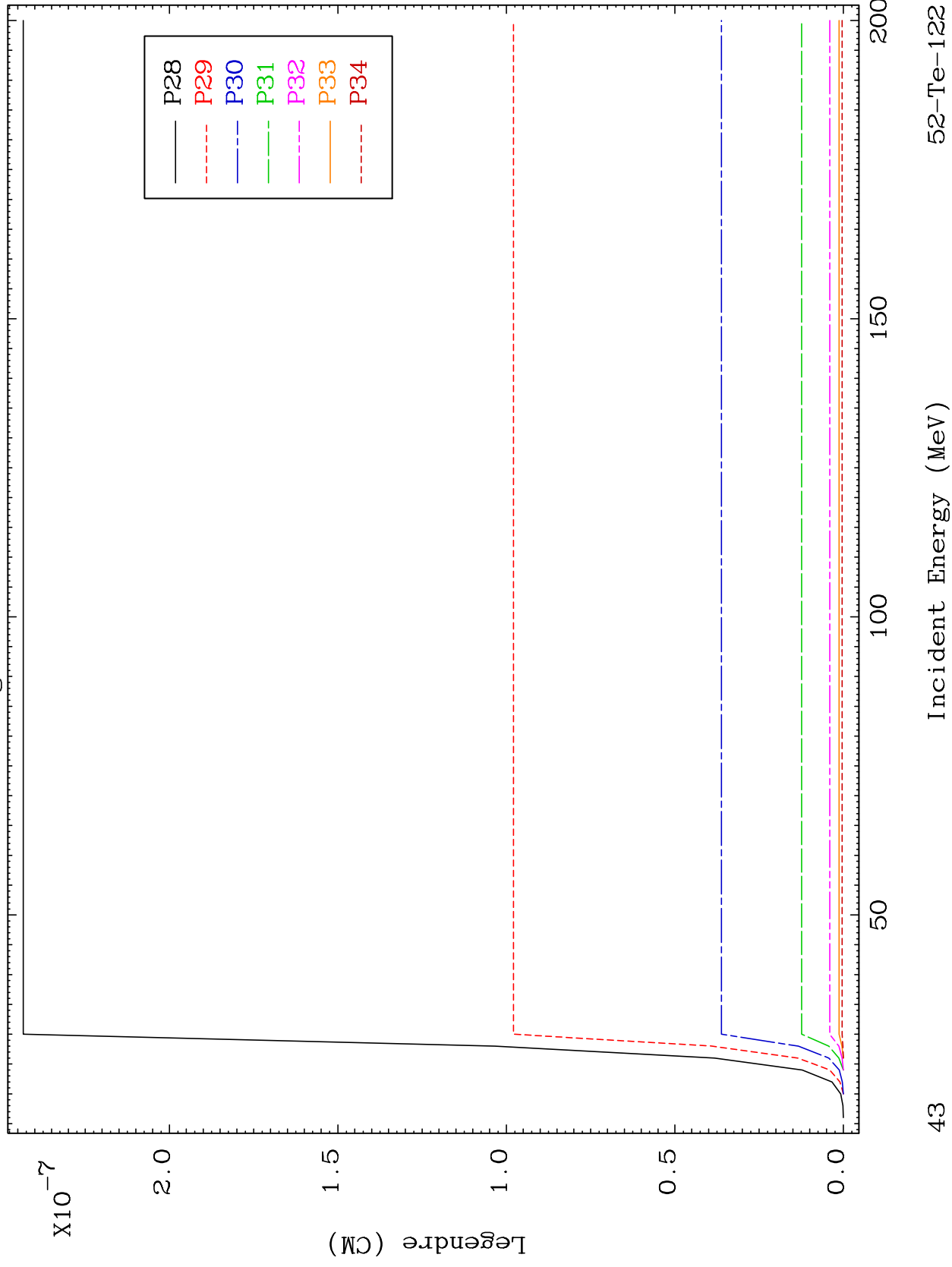
Incident Energy (MeV)

52-Te-122

MAT 5231

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

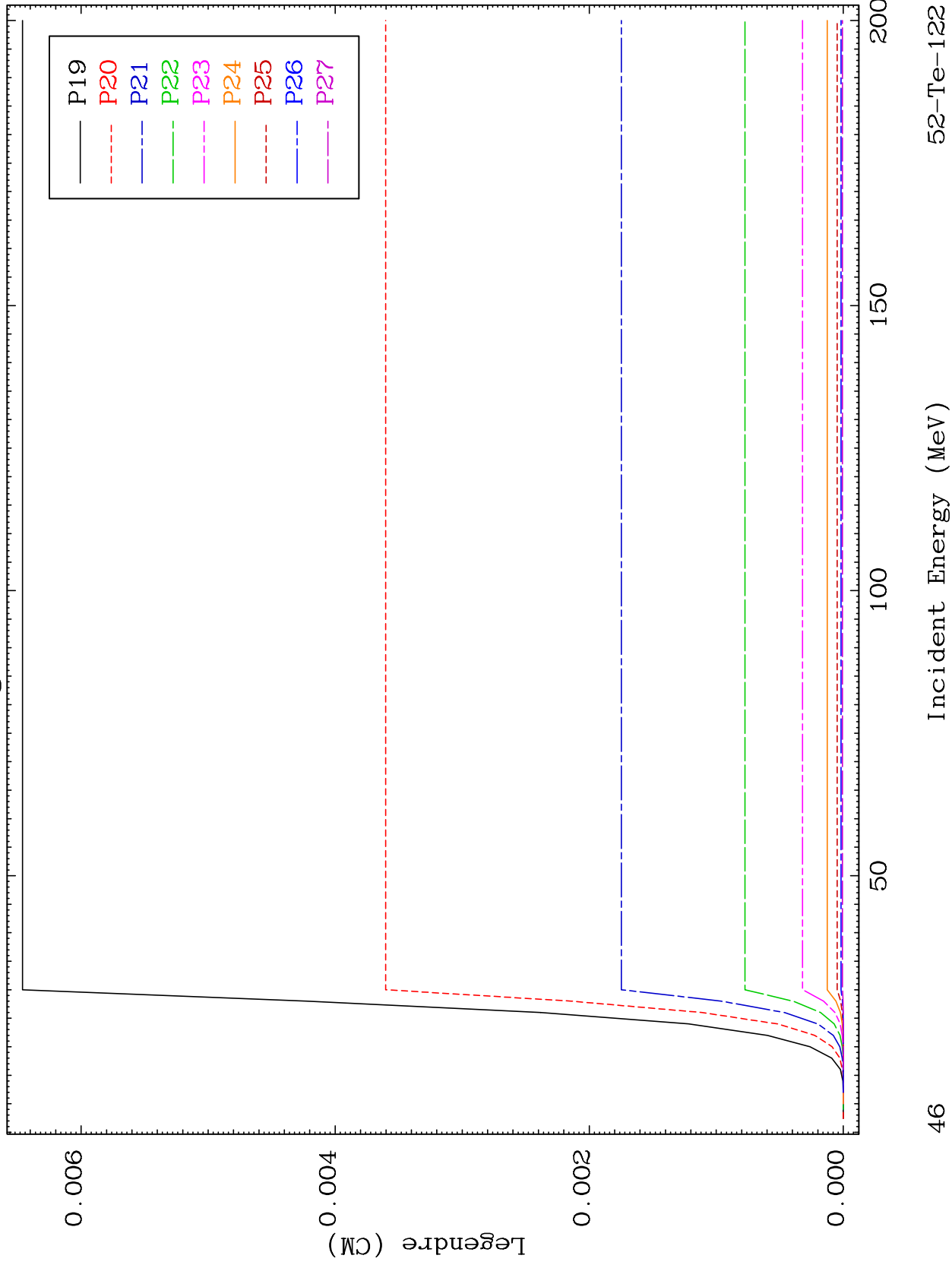
52-Te-122



MAT 5231

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

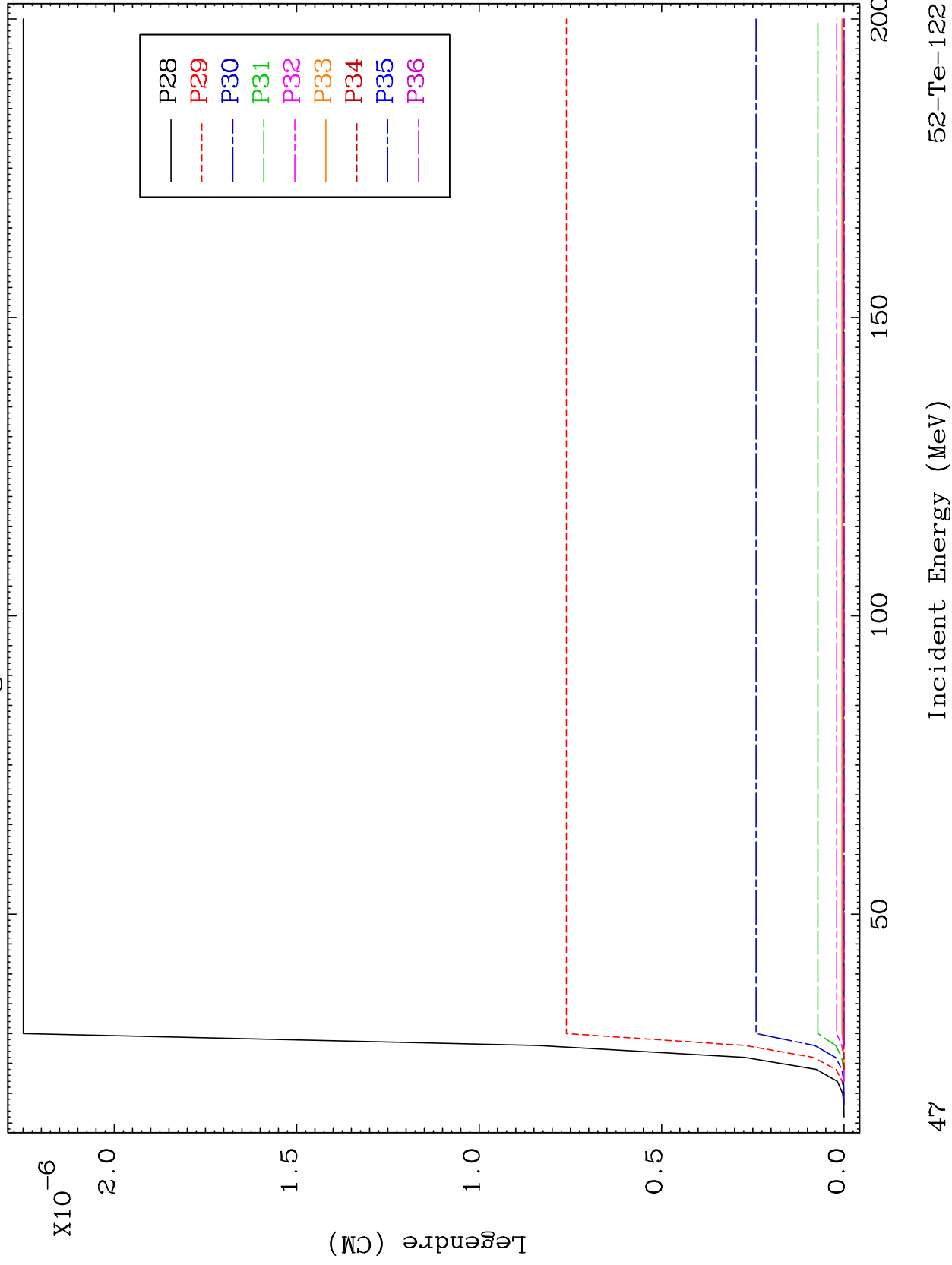
52-Te-122



MAT 5231

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

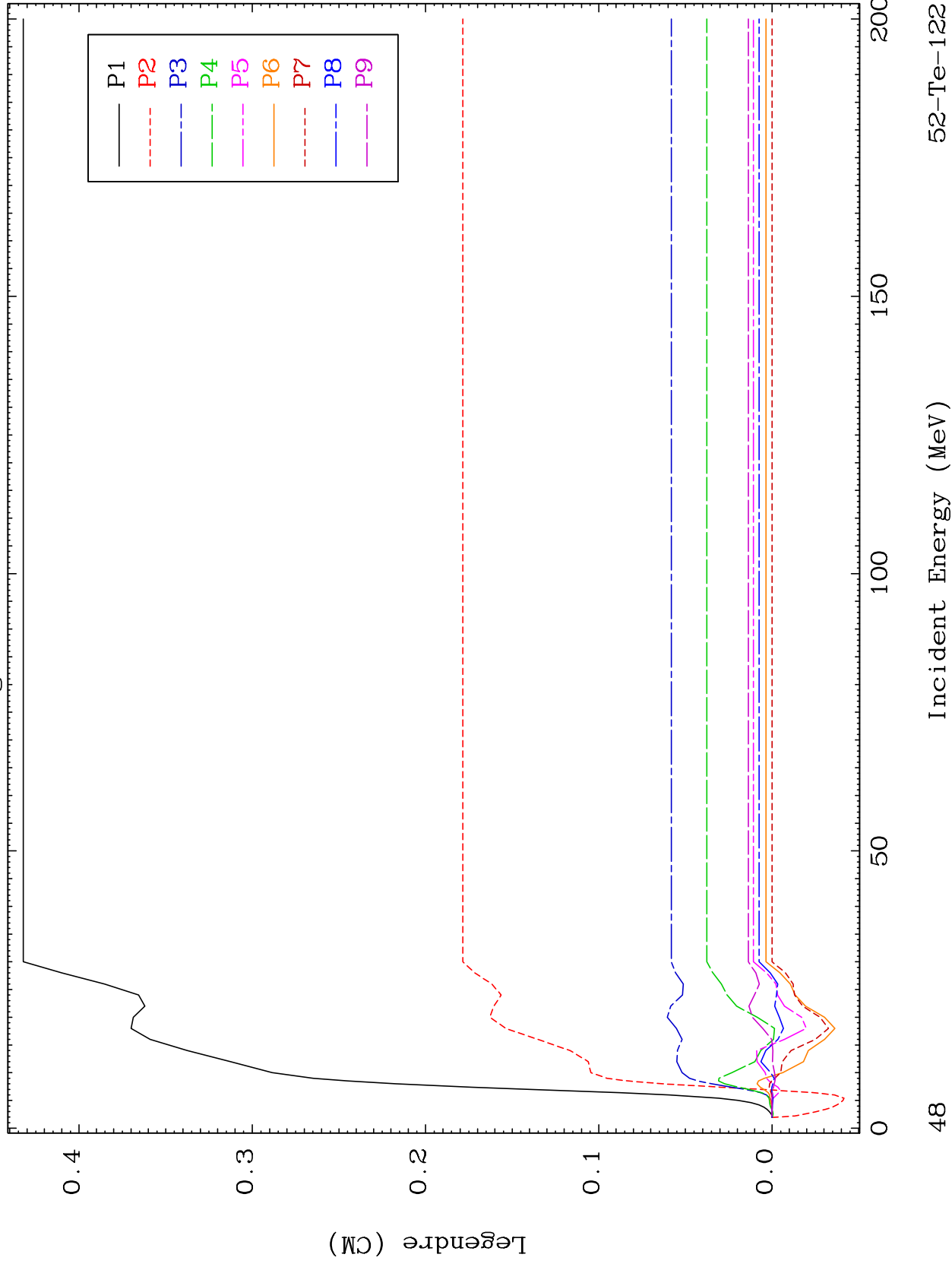
52-Te-122



MAT 5231

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

52-Te-122



52-Te-122

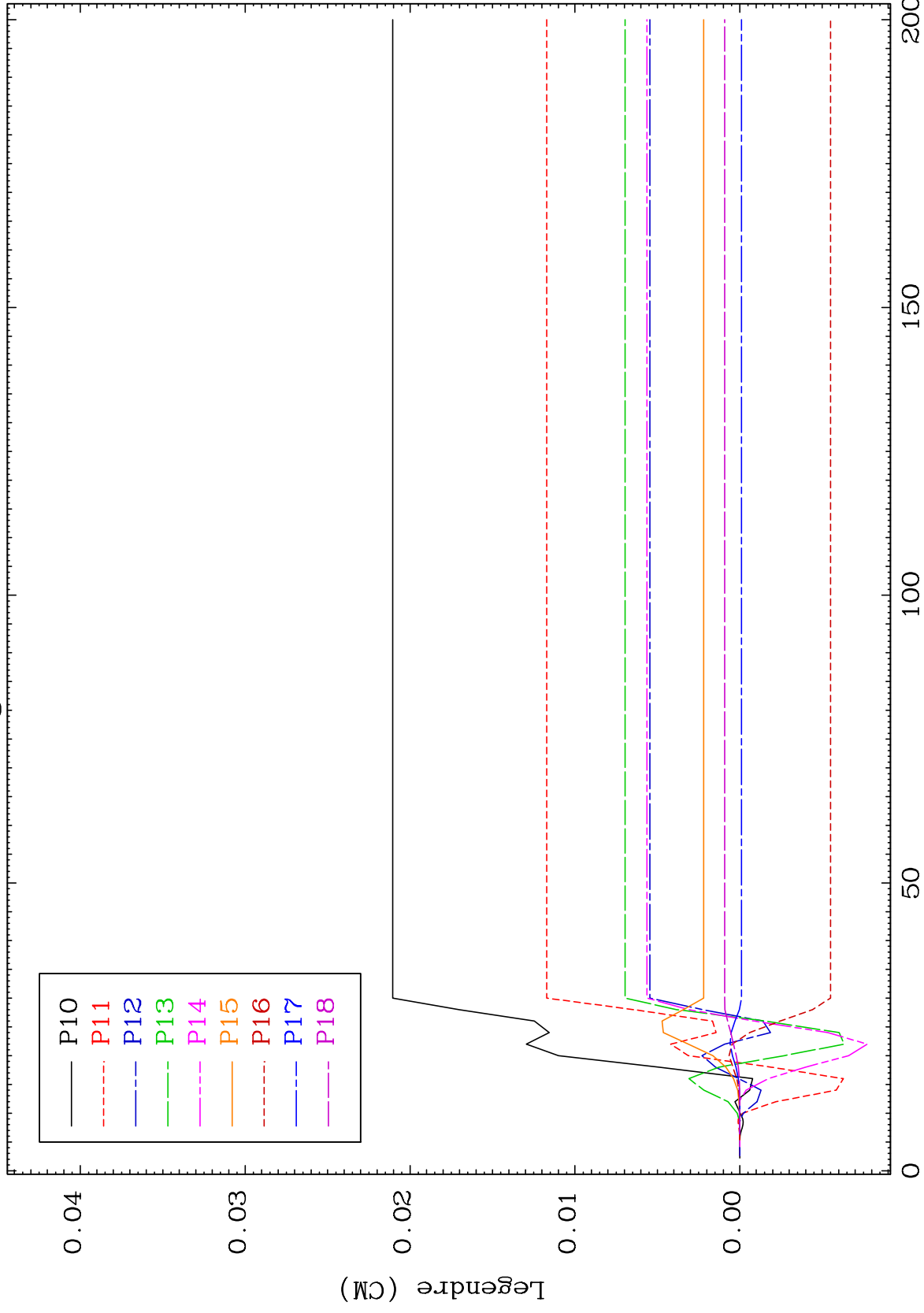
Incident Energy (MeV)

48

MAT 5231

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

52-Te-122



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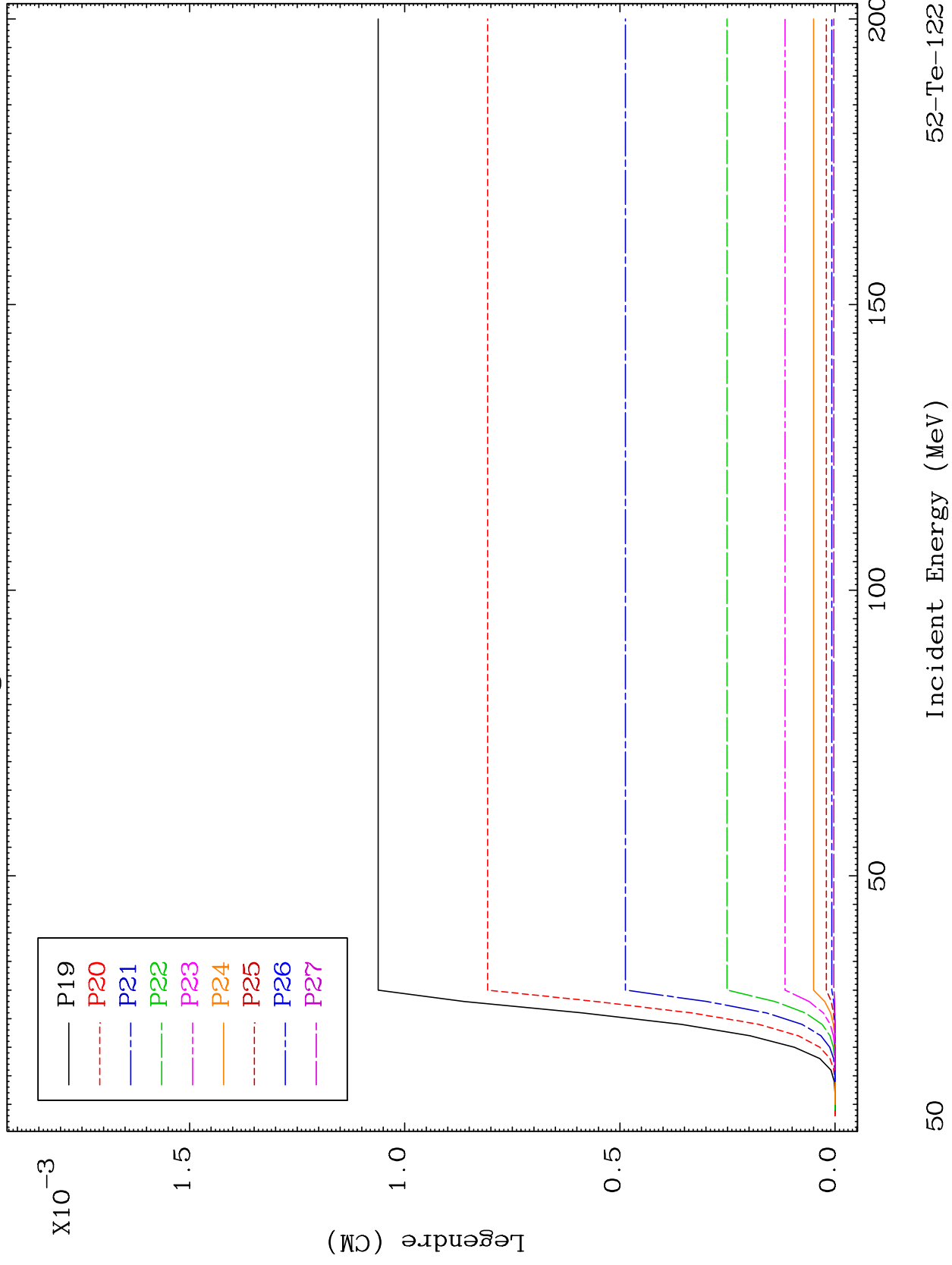
Incident Energy (MeV)

52-Te-122

MAT 5231

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

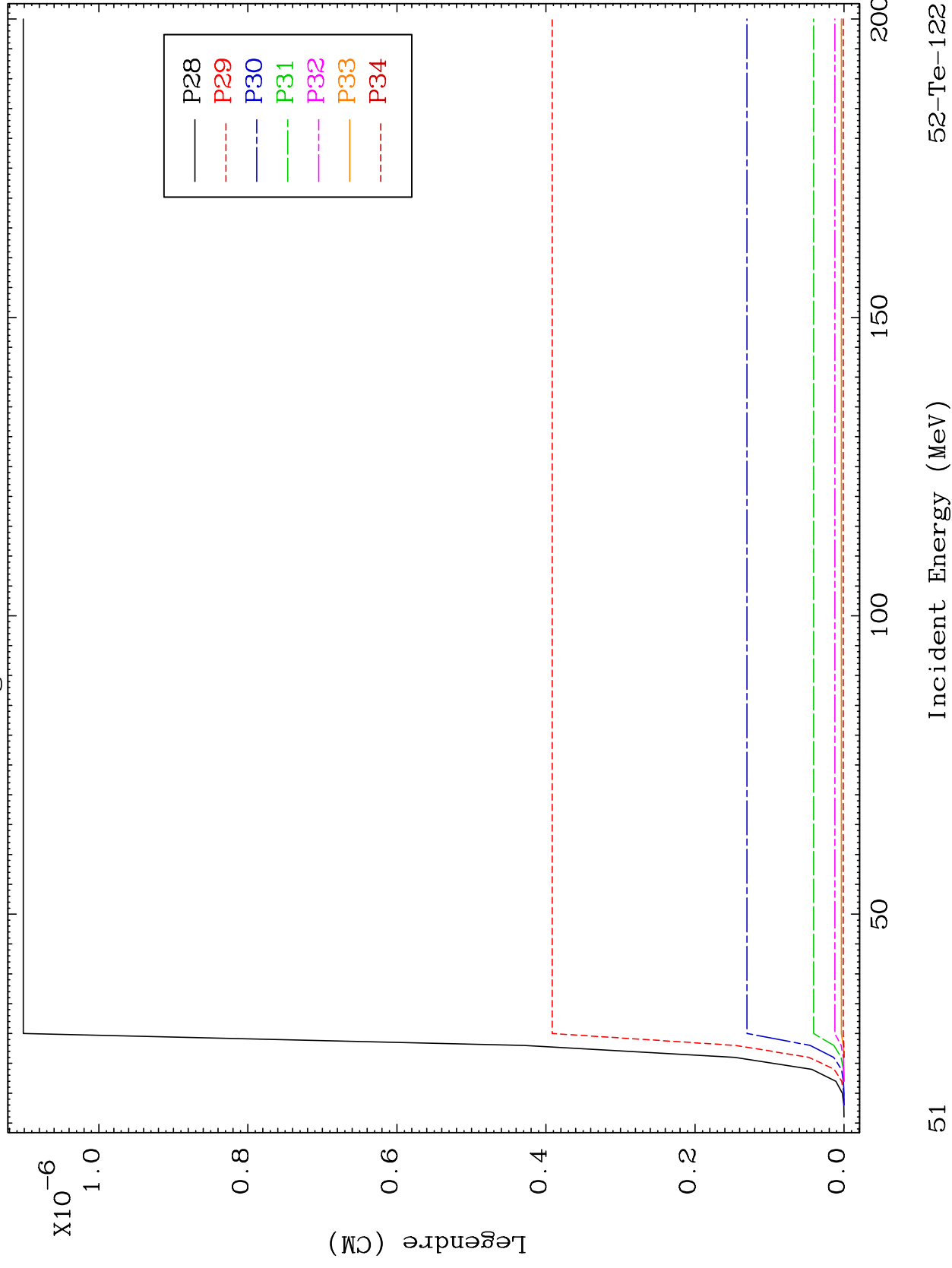
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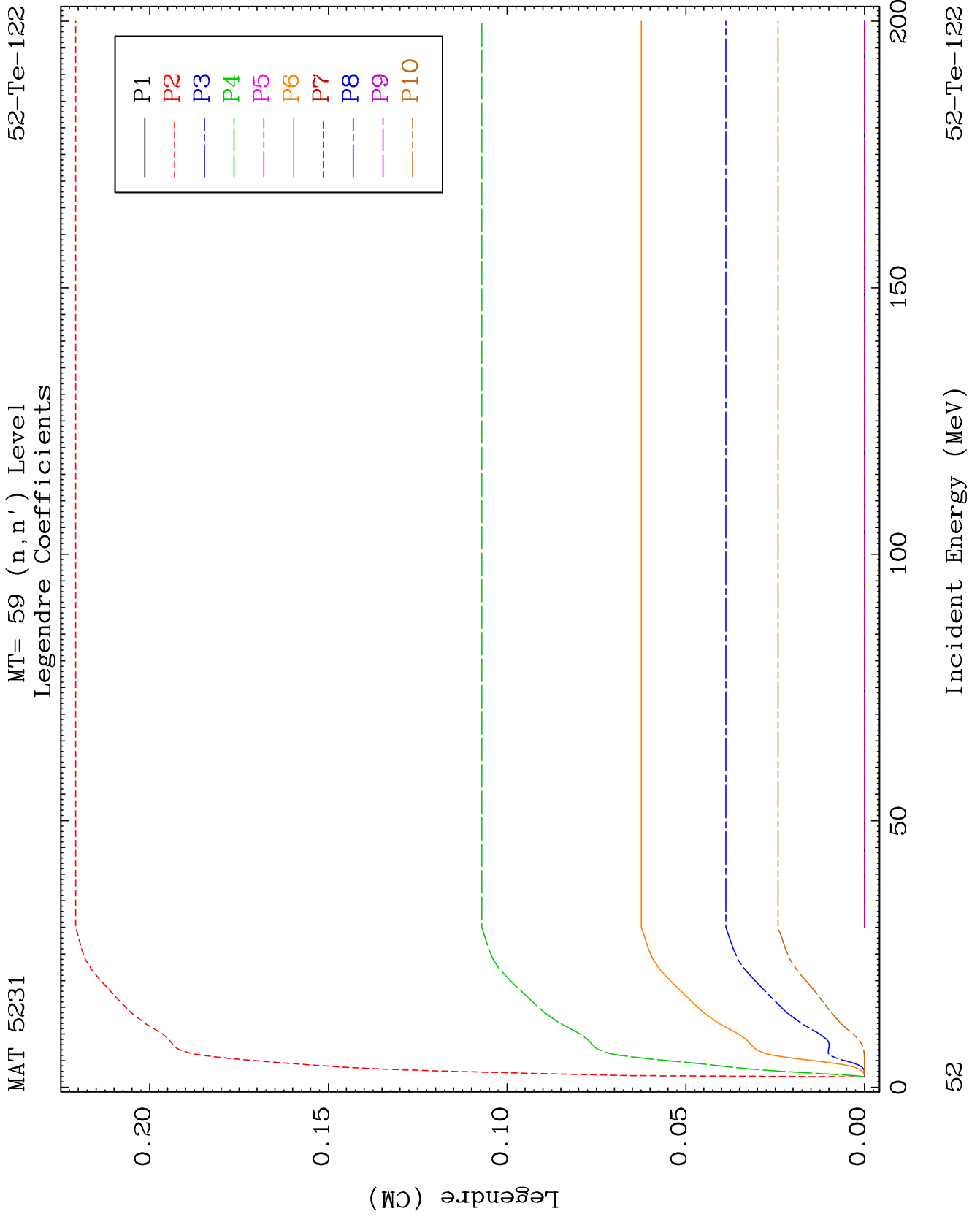
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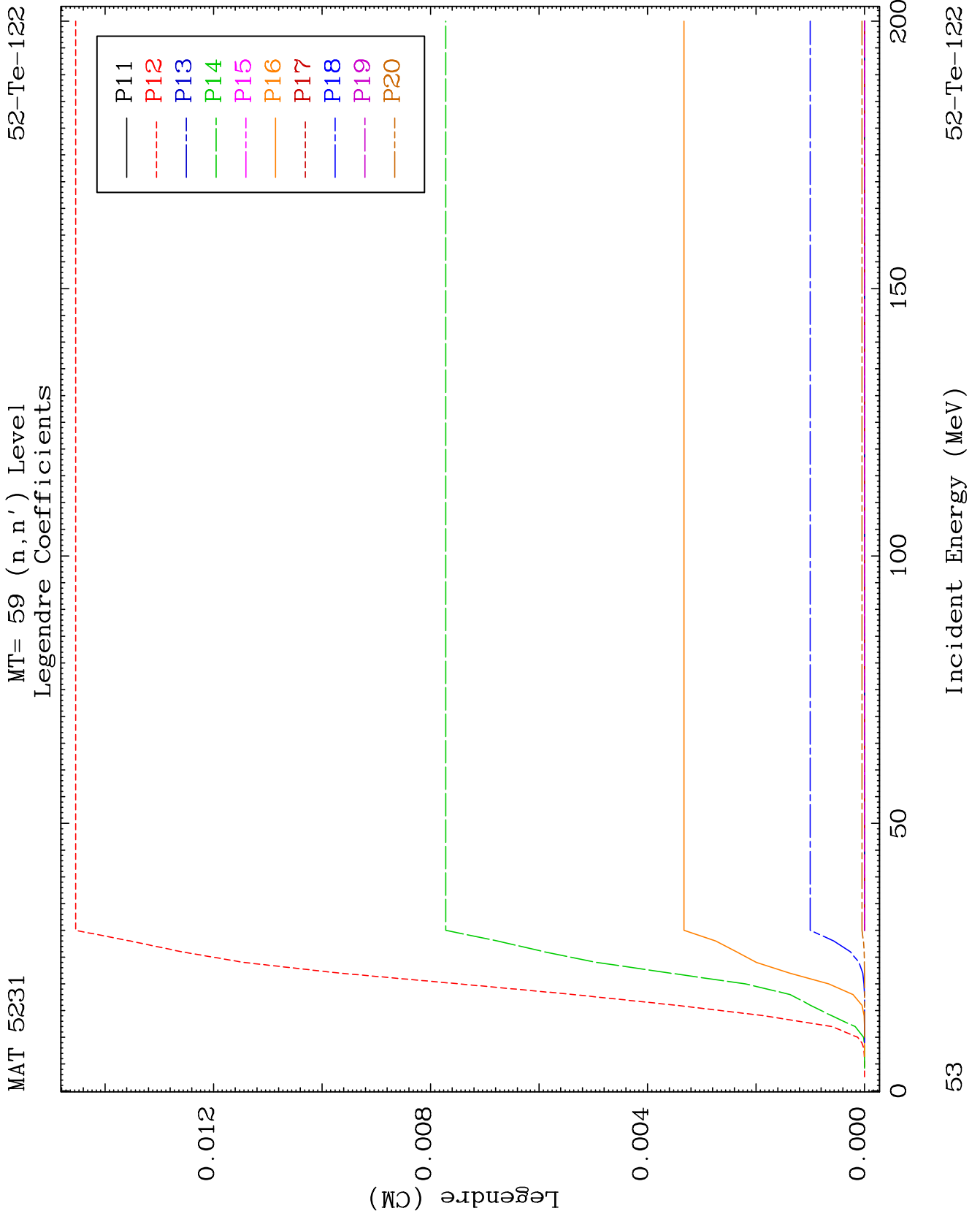
MT= 58 (n,n') Level
Legendre Coefficients

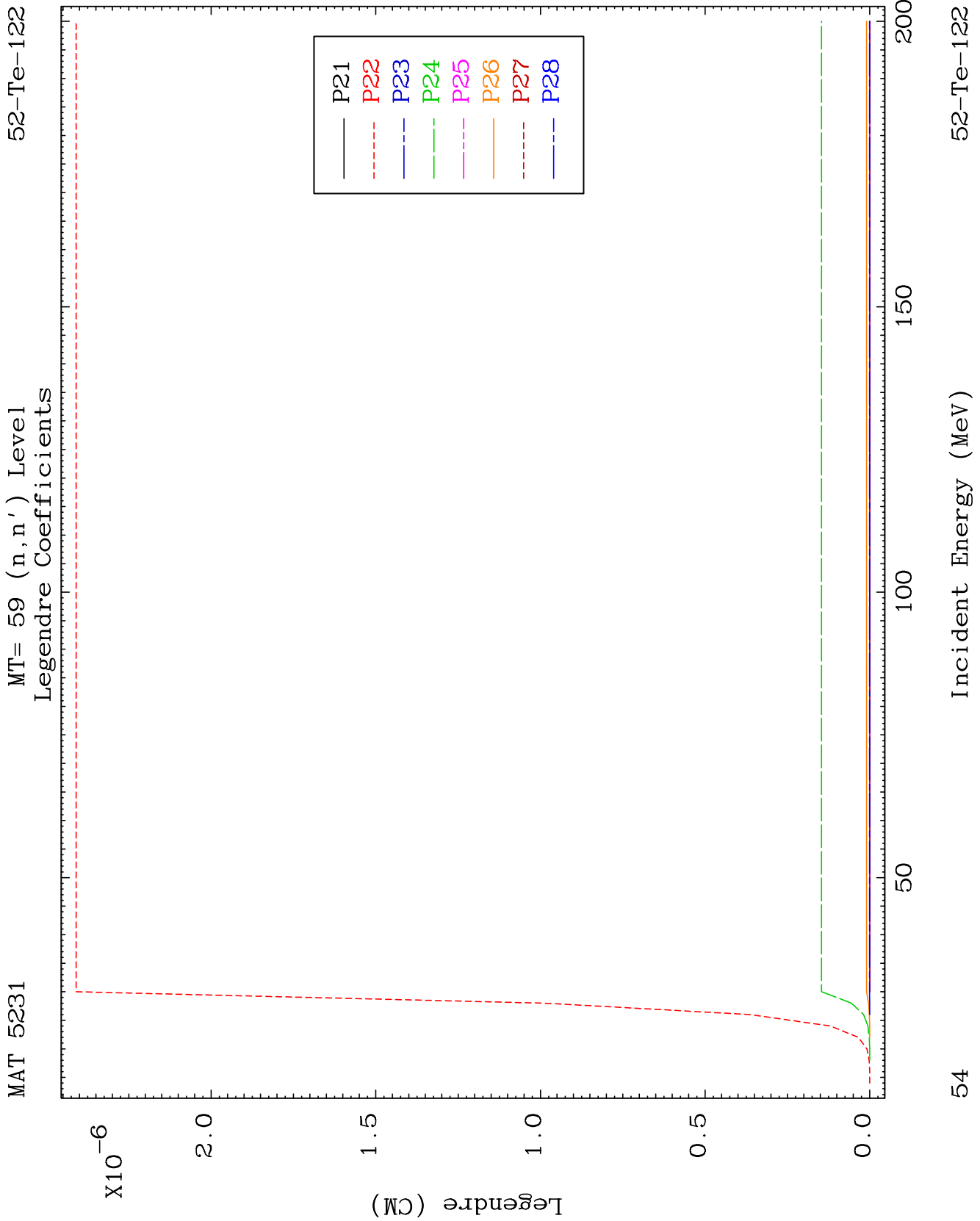
52-Te-122



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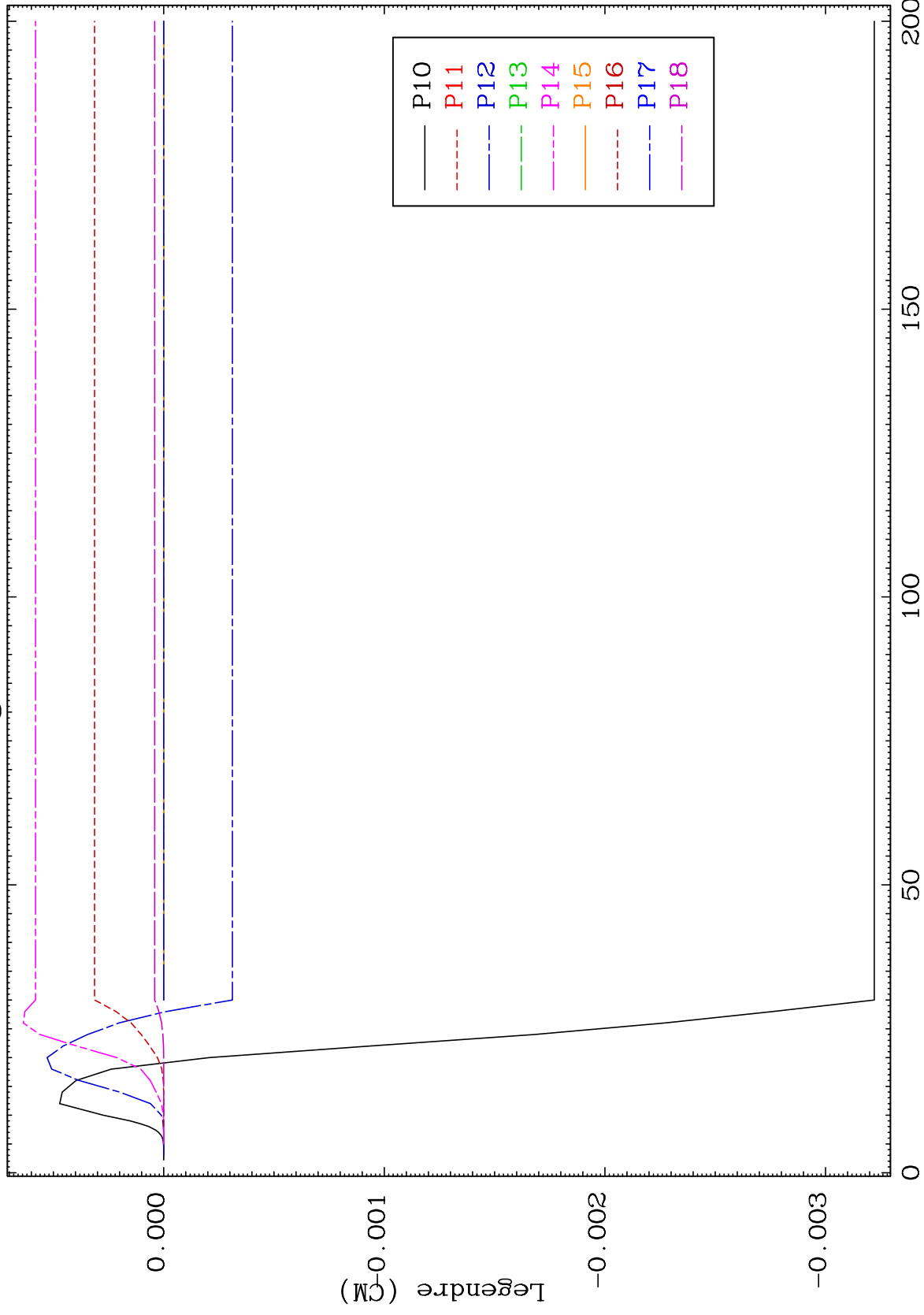


MAT 5231

MT= 60 (n,n') Level

52-Te-122

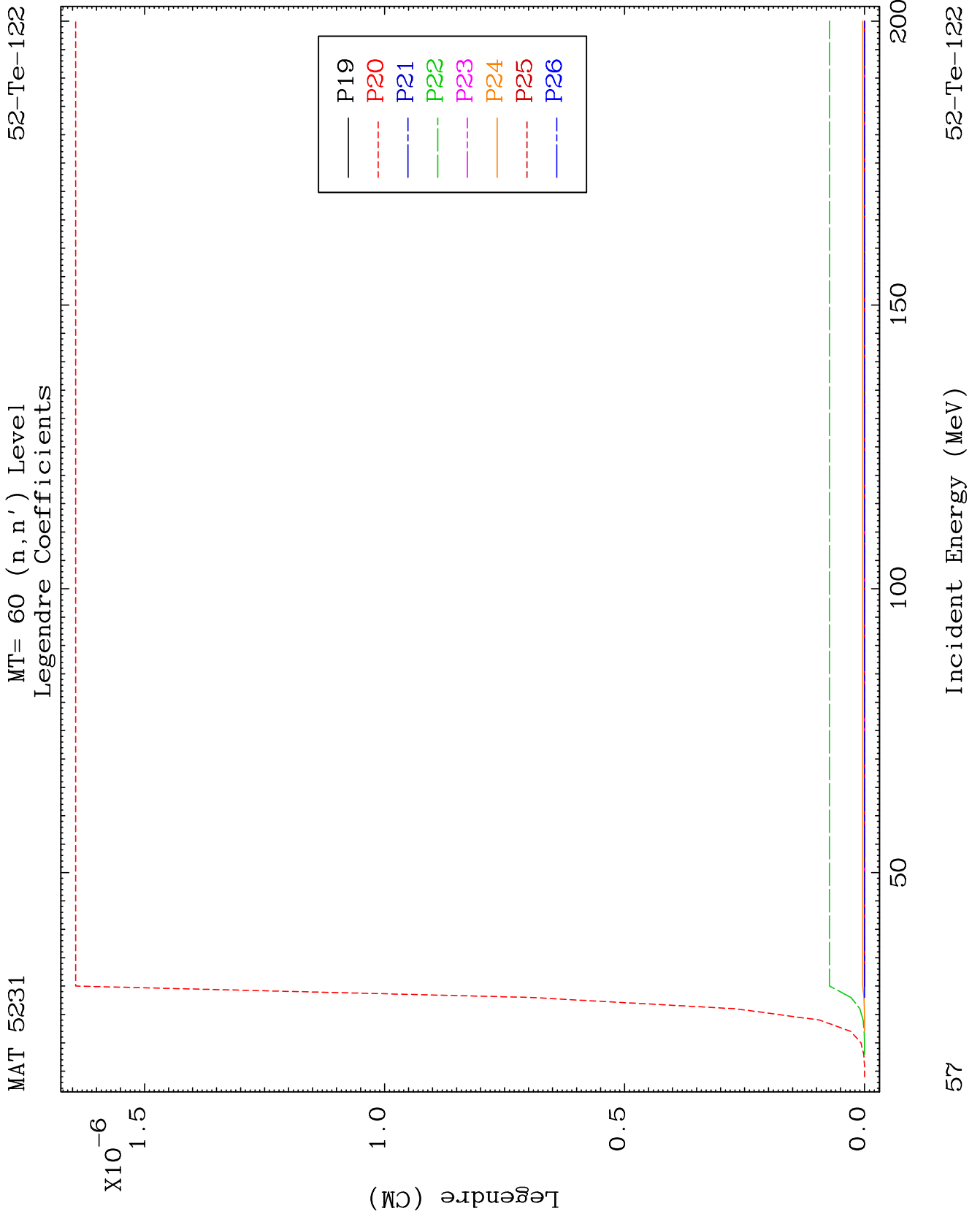
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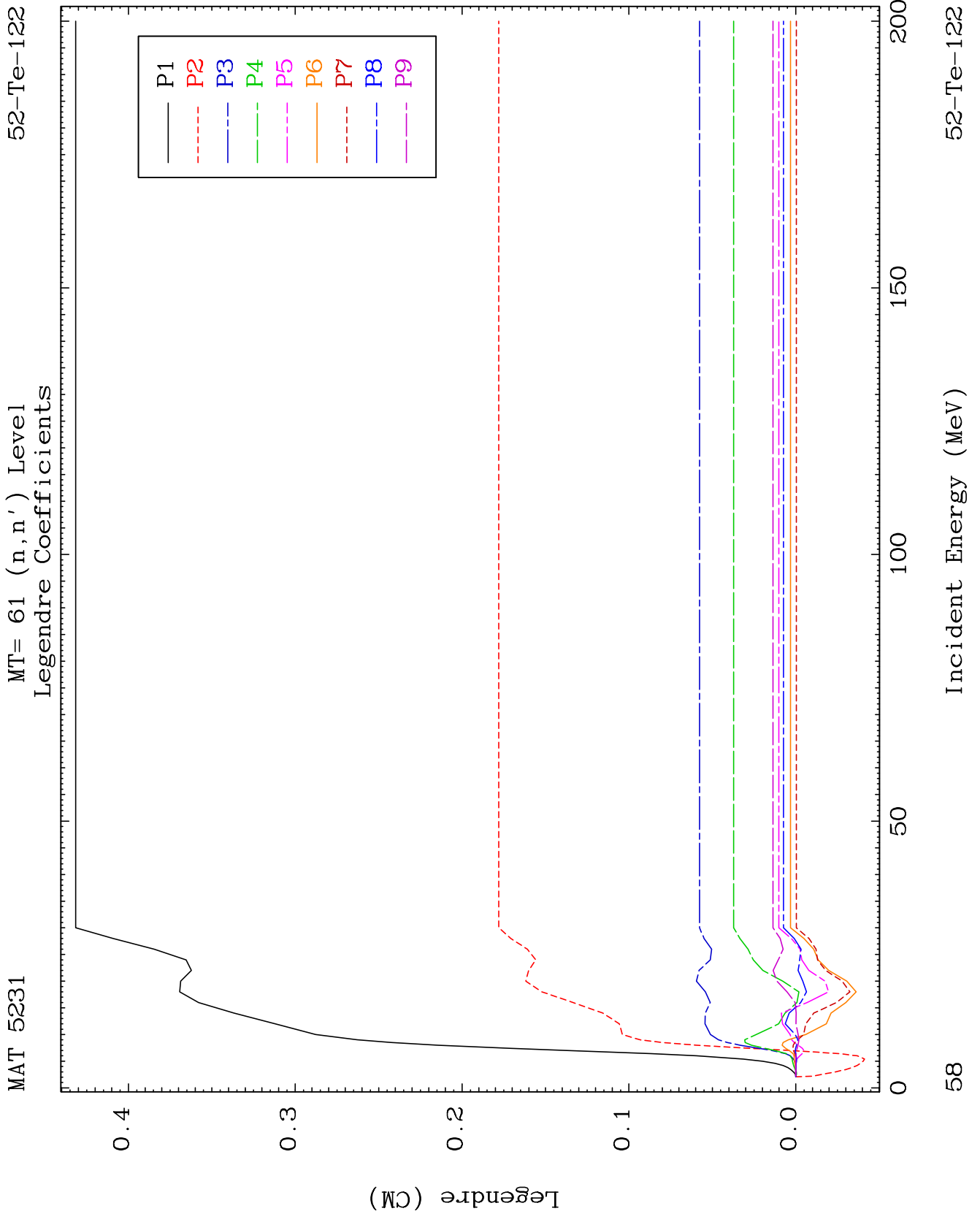


56

Incident Energy (MeV)

52-Te-122

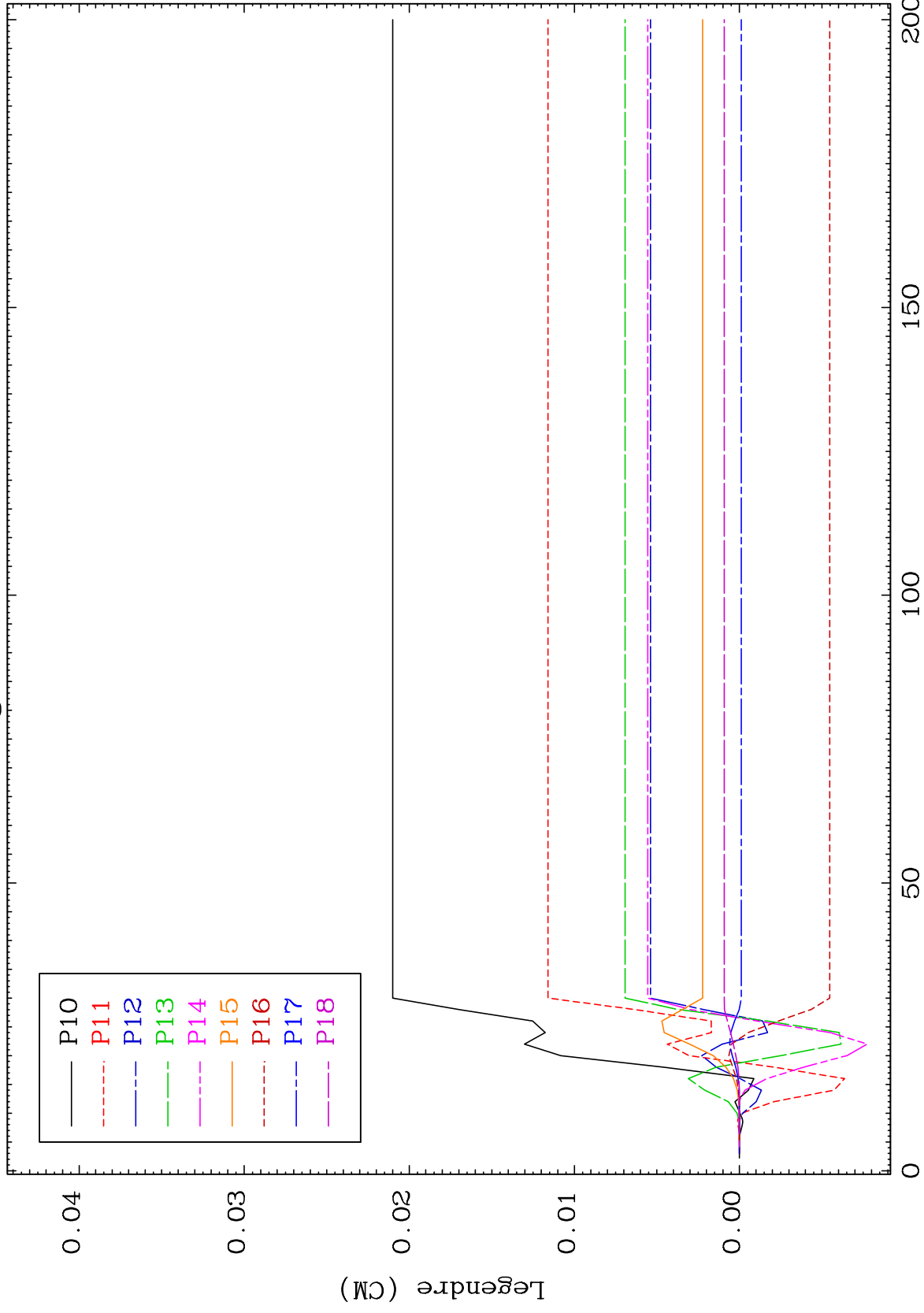




MAT 5231

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

52-Te-122



59

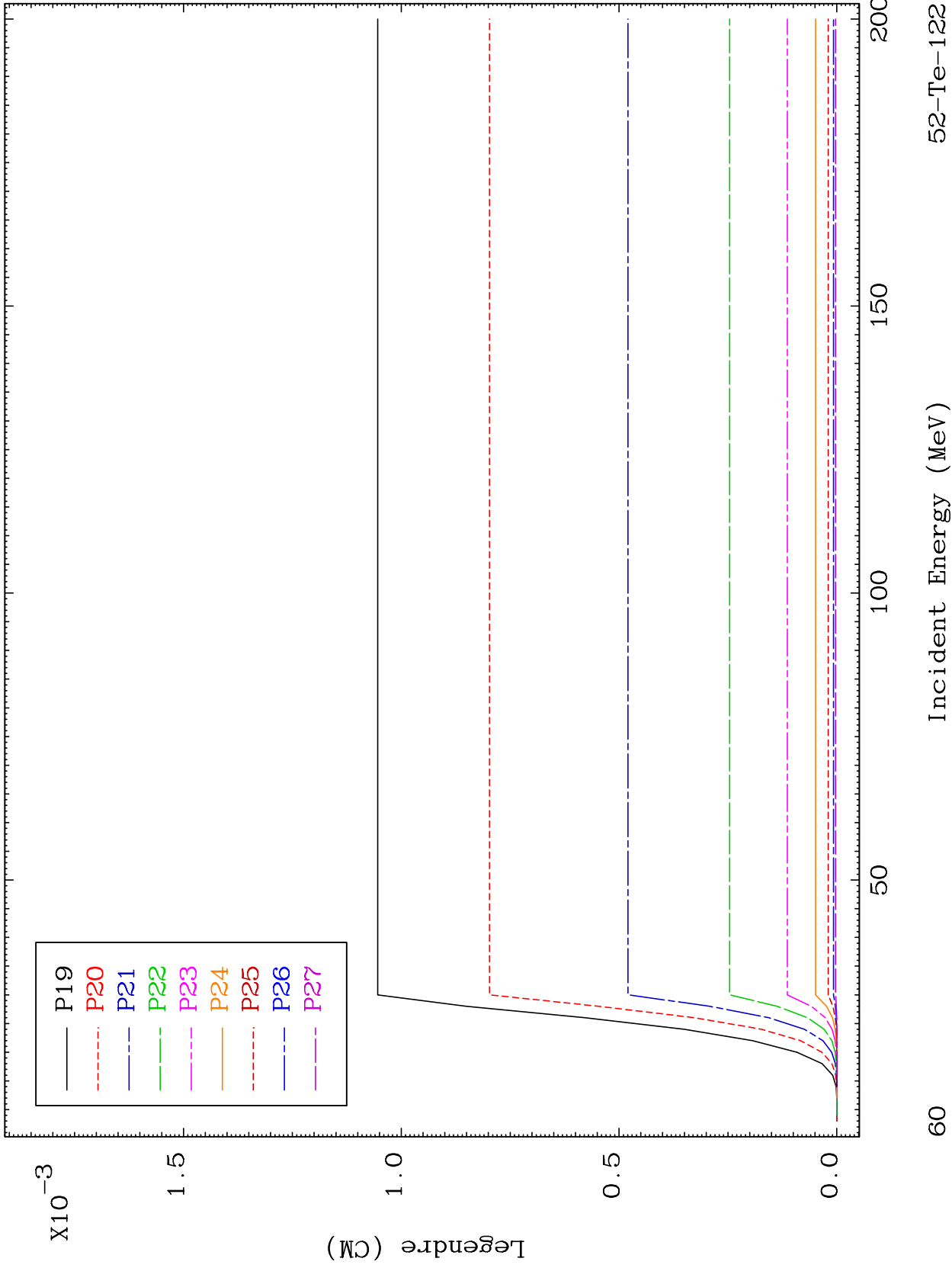
Incident Energy (MeV)

52-Te-122

MAT 5231

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

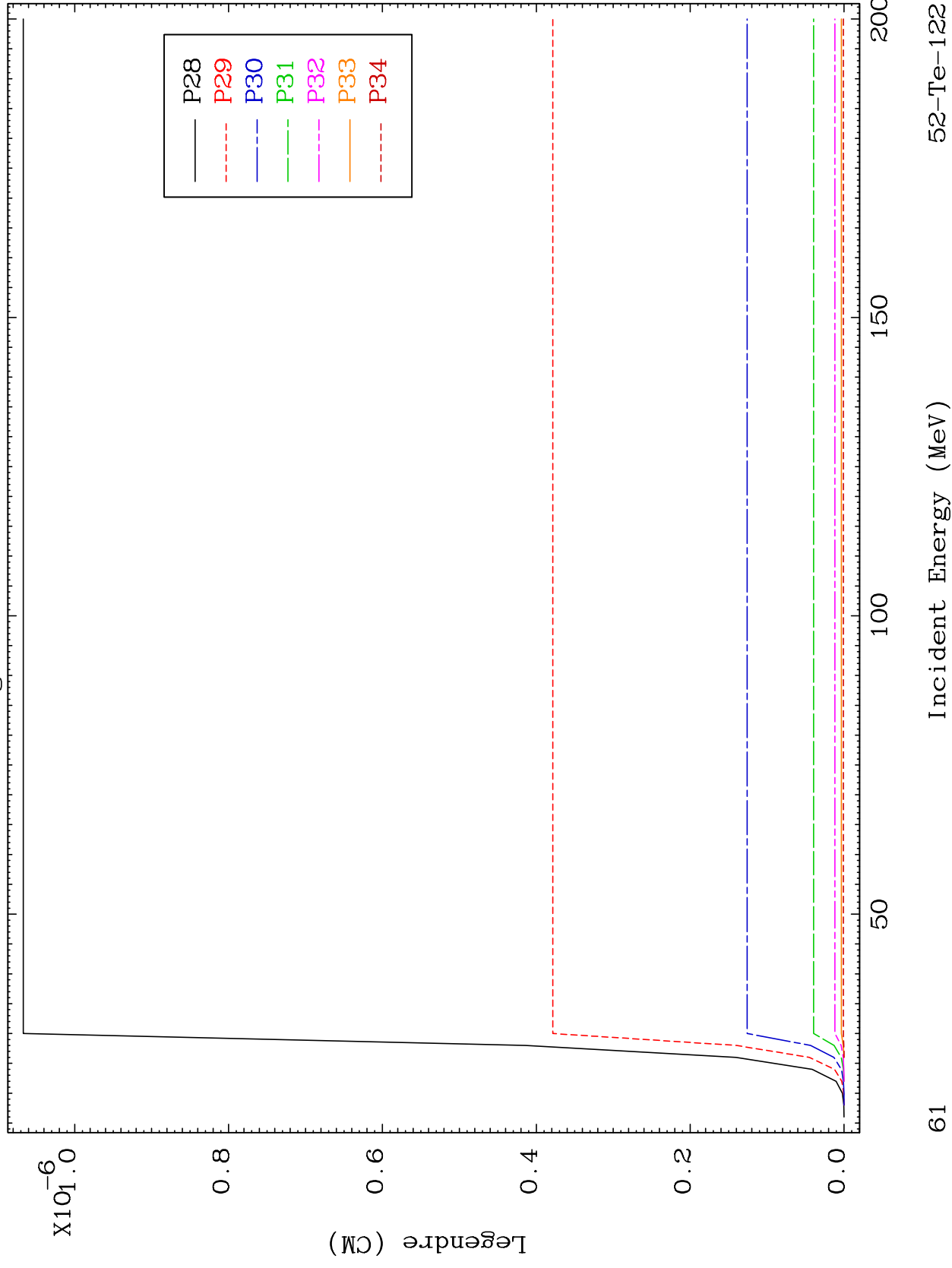
52-Te-122



MAT 5231

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

52-Te-122



61

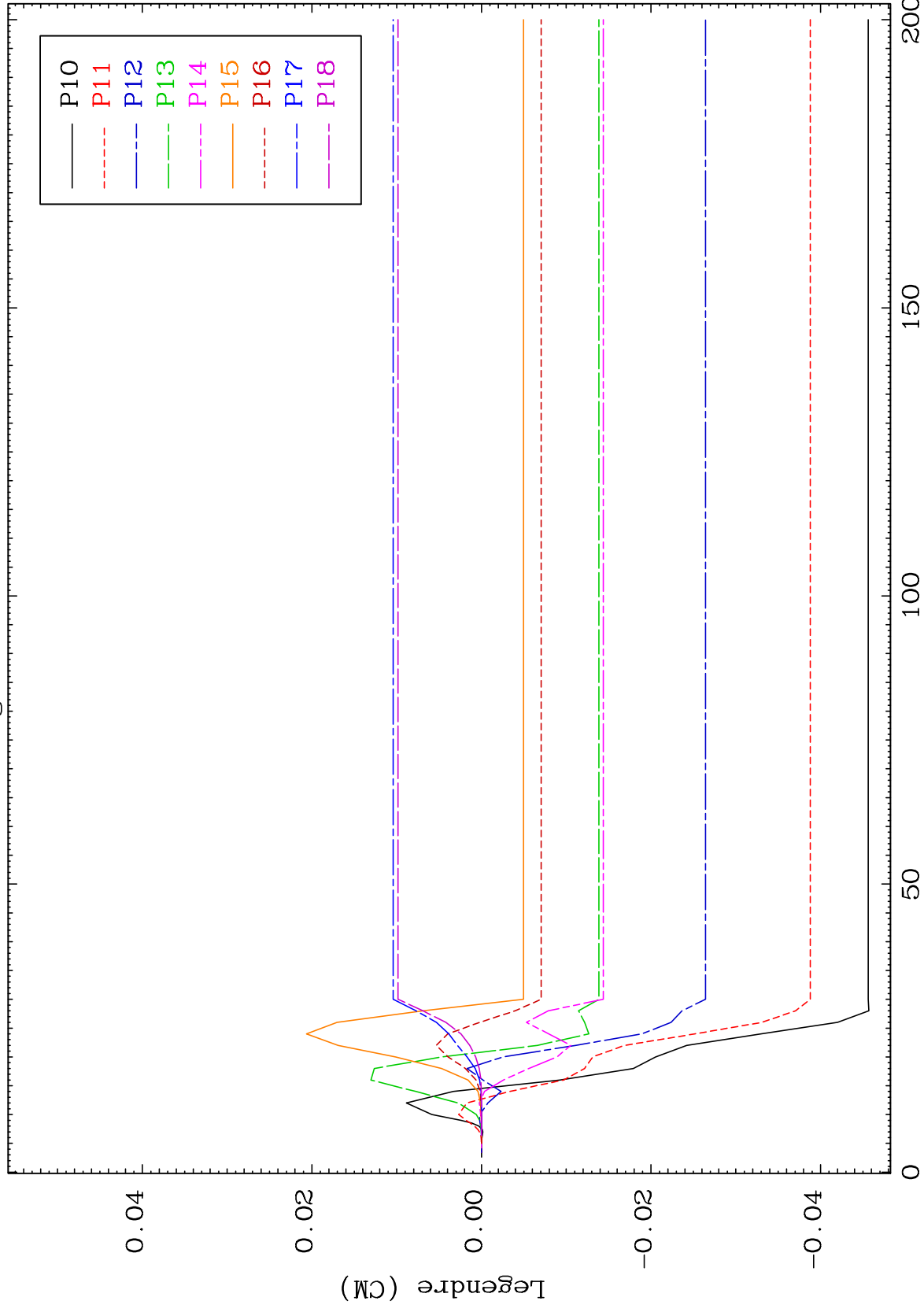
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



63

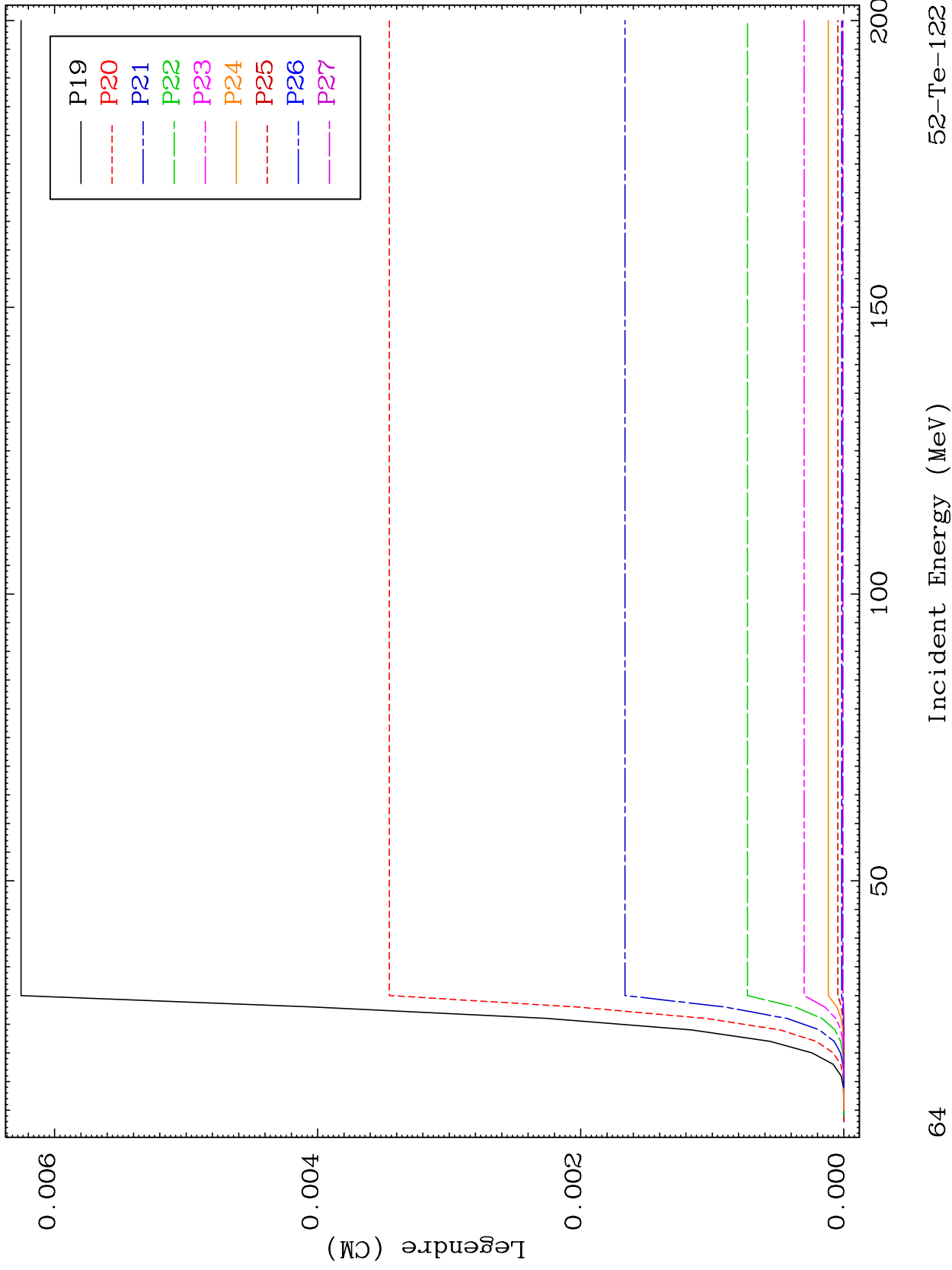
Incident Energy (MeV)

52-Te-122

MAT 5231

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

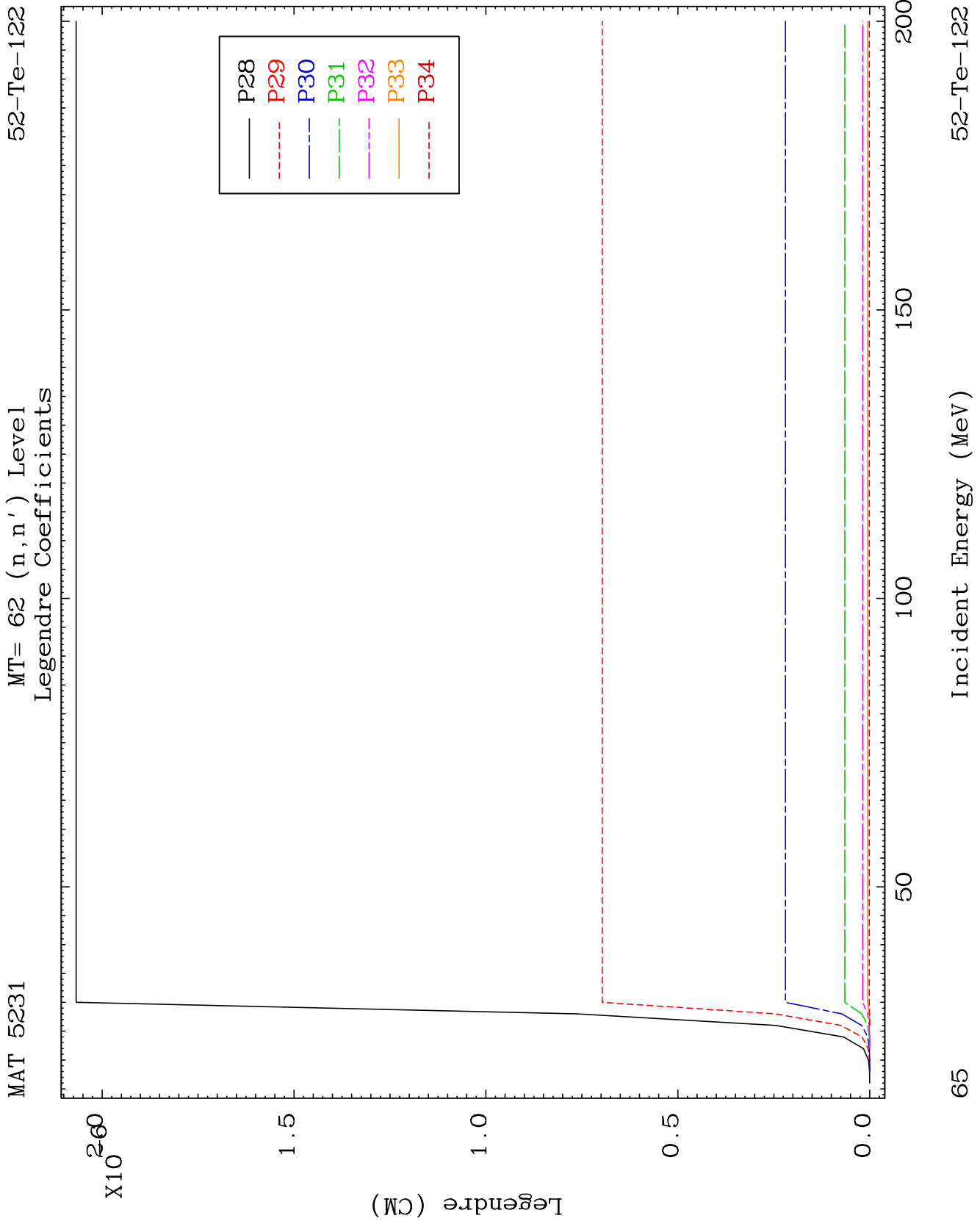
52-Te-122



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Incident Energy (MeV)

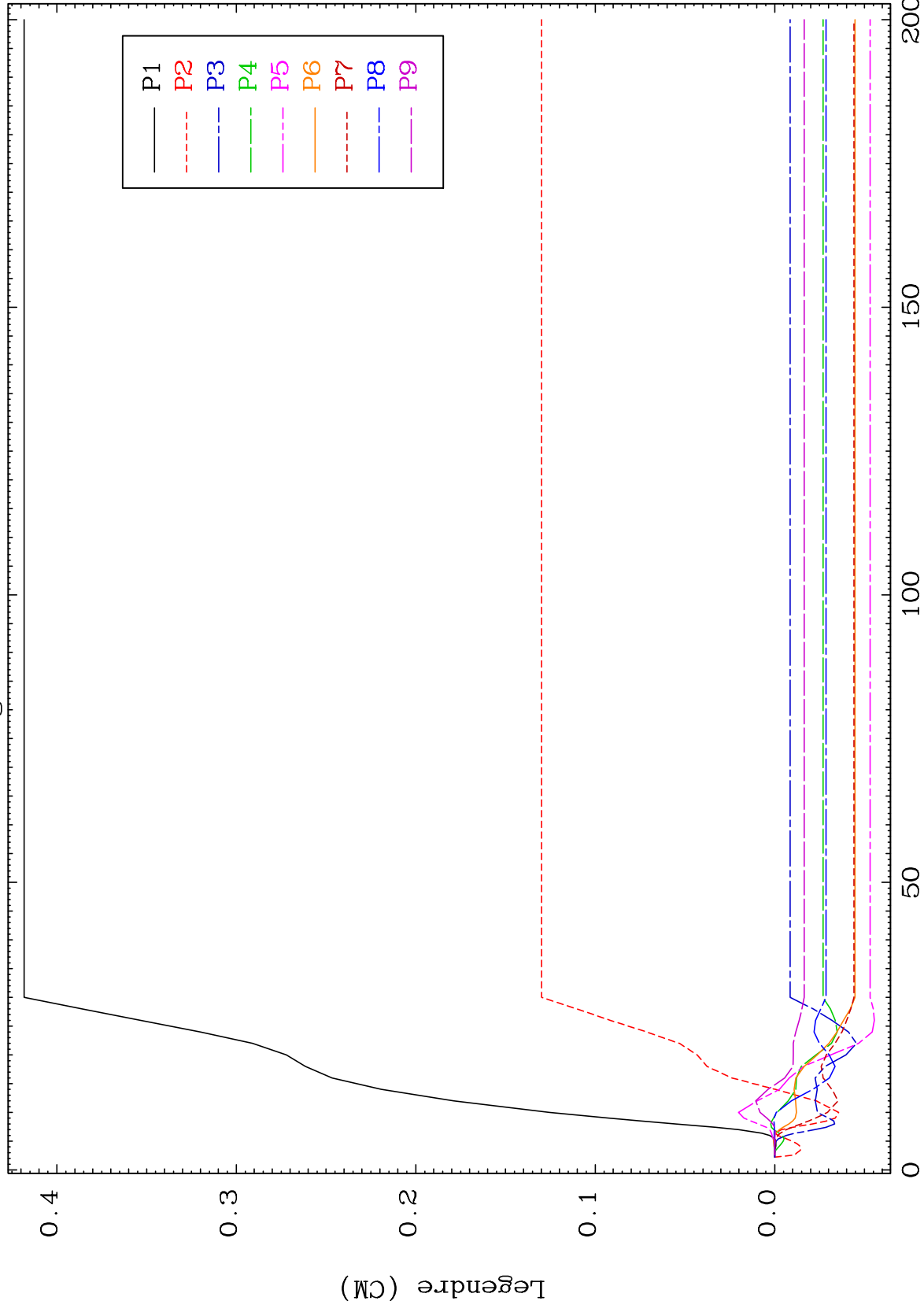
52-Te-122



MAT 5231

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

52-Te-122



66

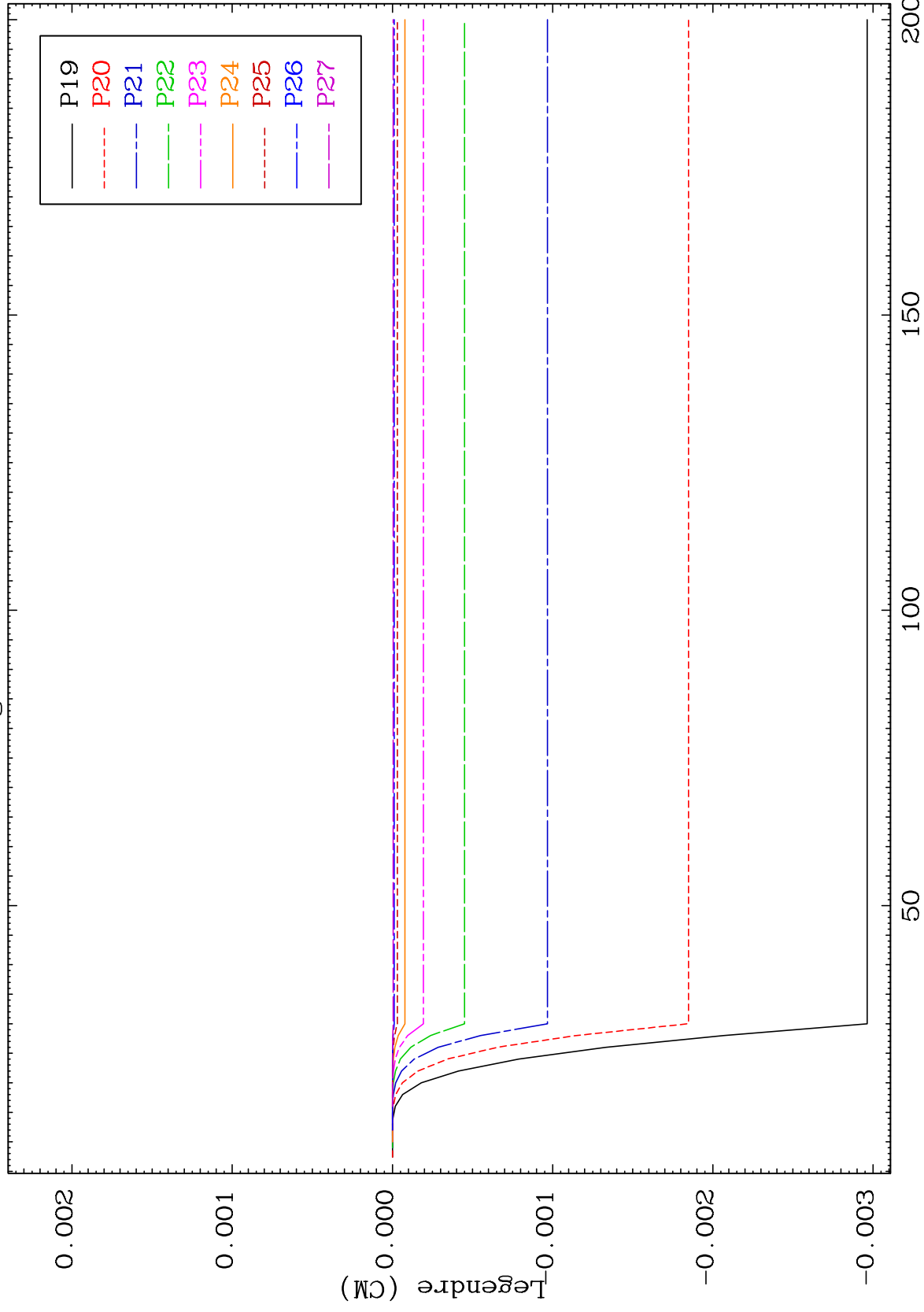
Incident Energy (MeV)

52-Te-122

MAT 5231

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

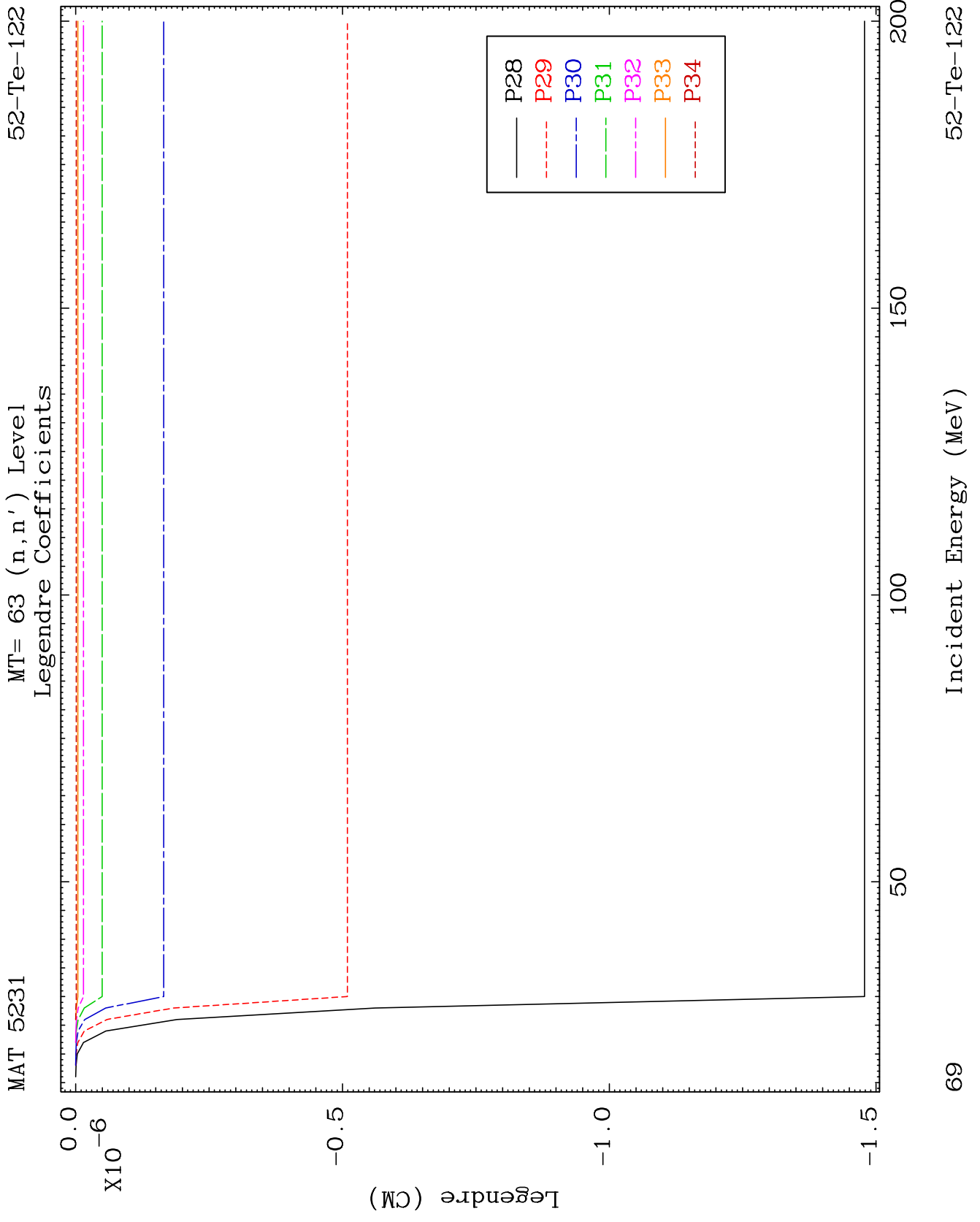
52-Te-122



68

Incident Energy (MeV)

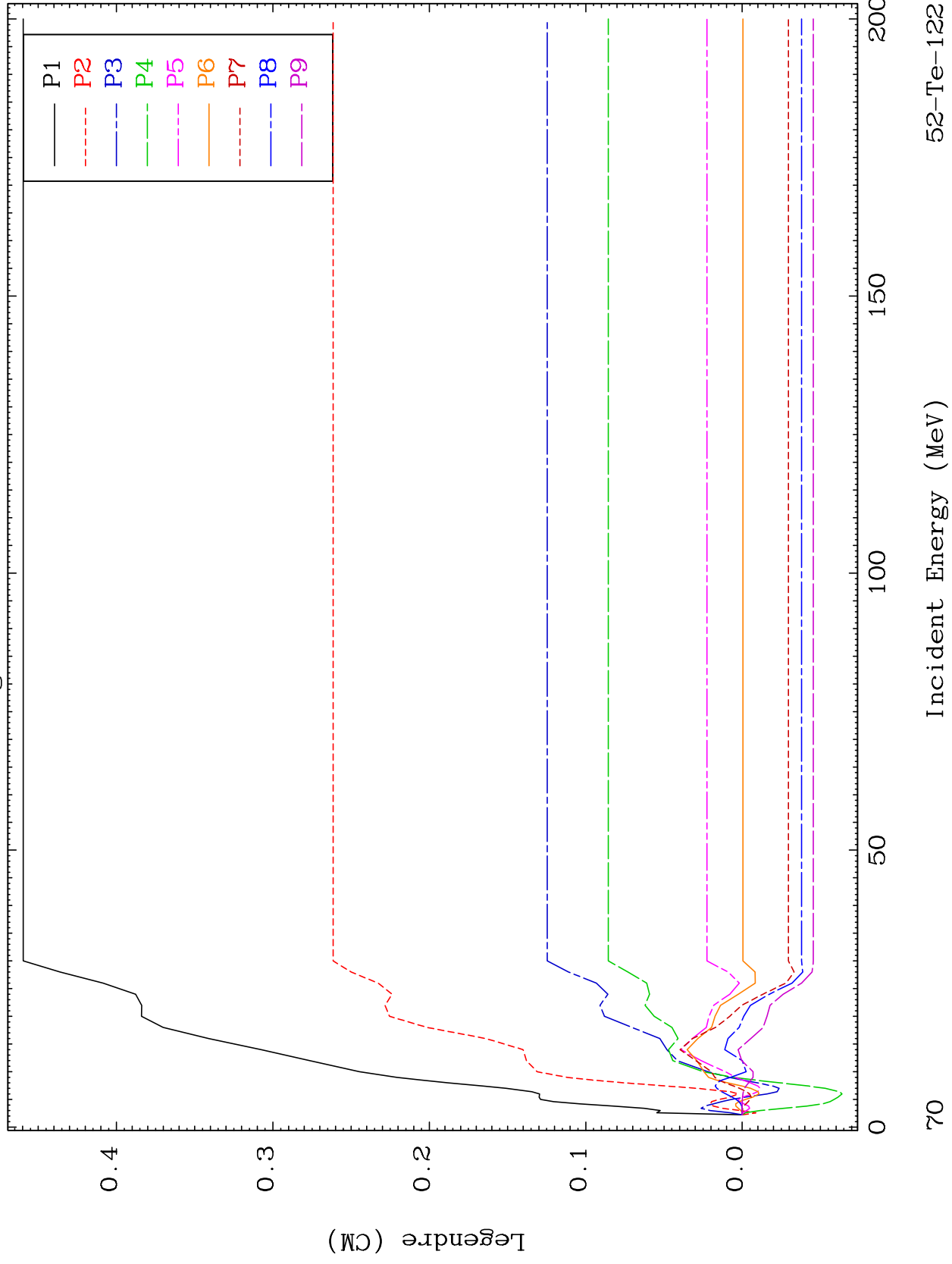
52-Te-122



MAT 5231

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

52-Te-122



52-Te-122

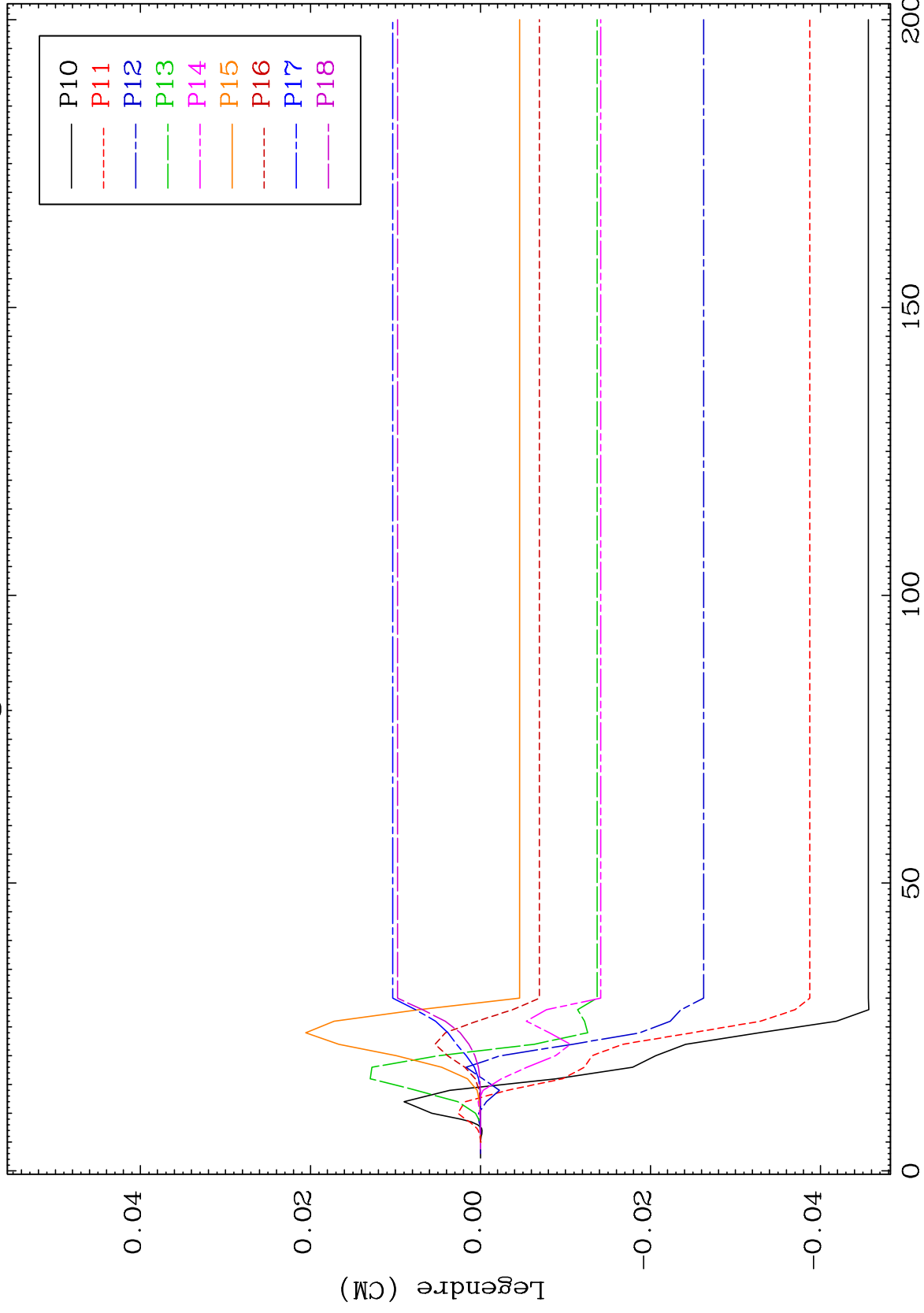
Incident Energy (MeV)

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MAT 5231

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

52-Te-122



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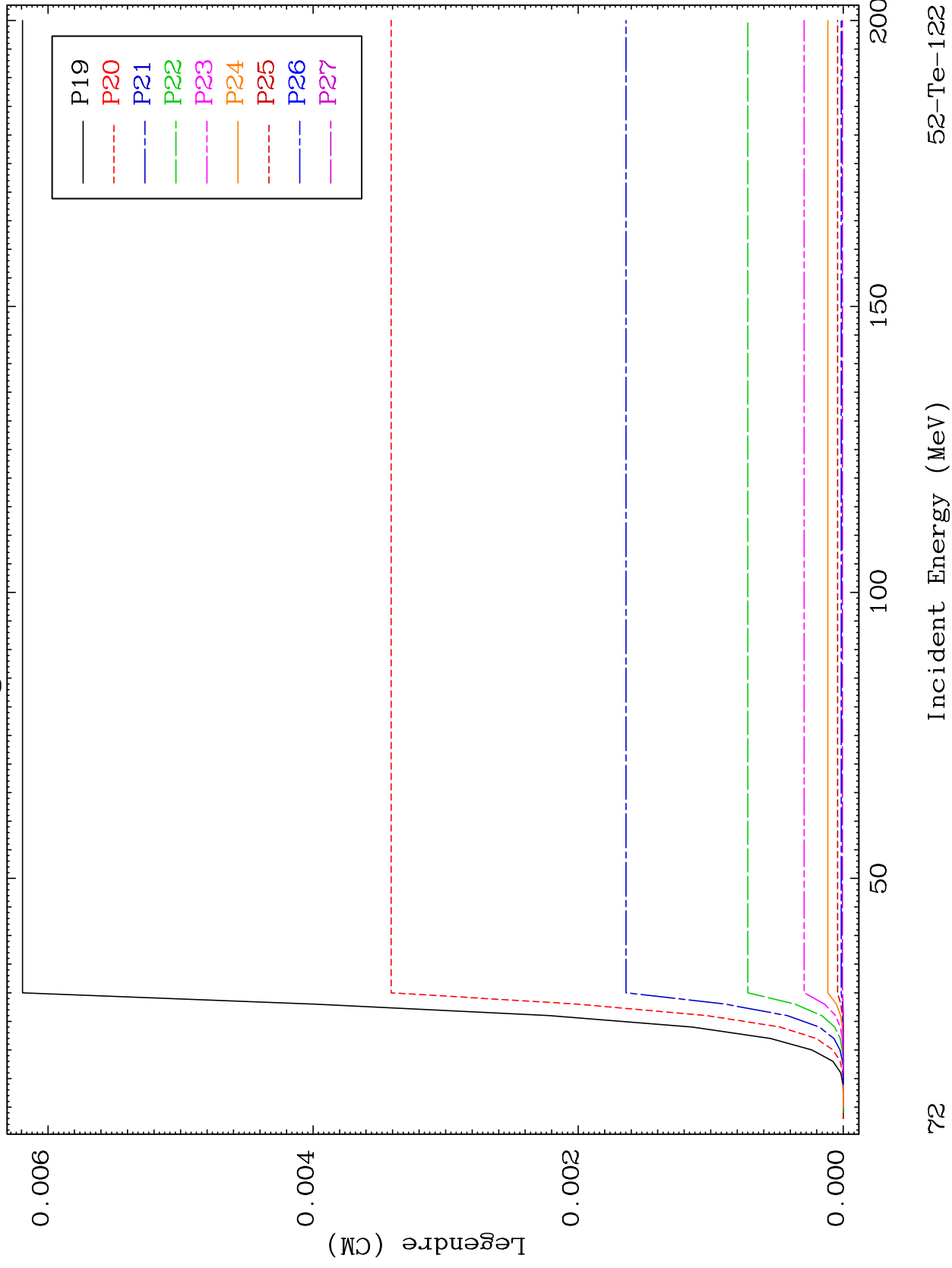
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



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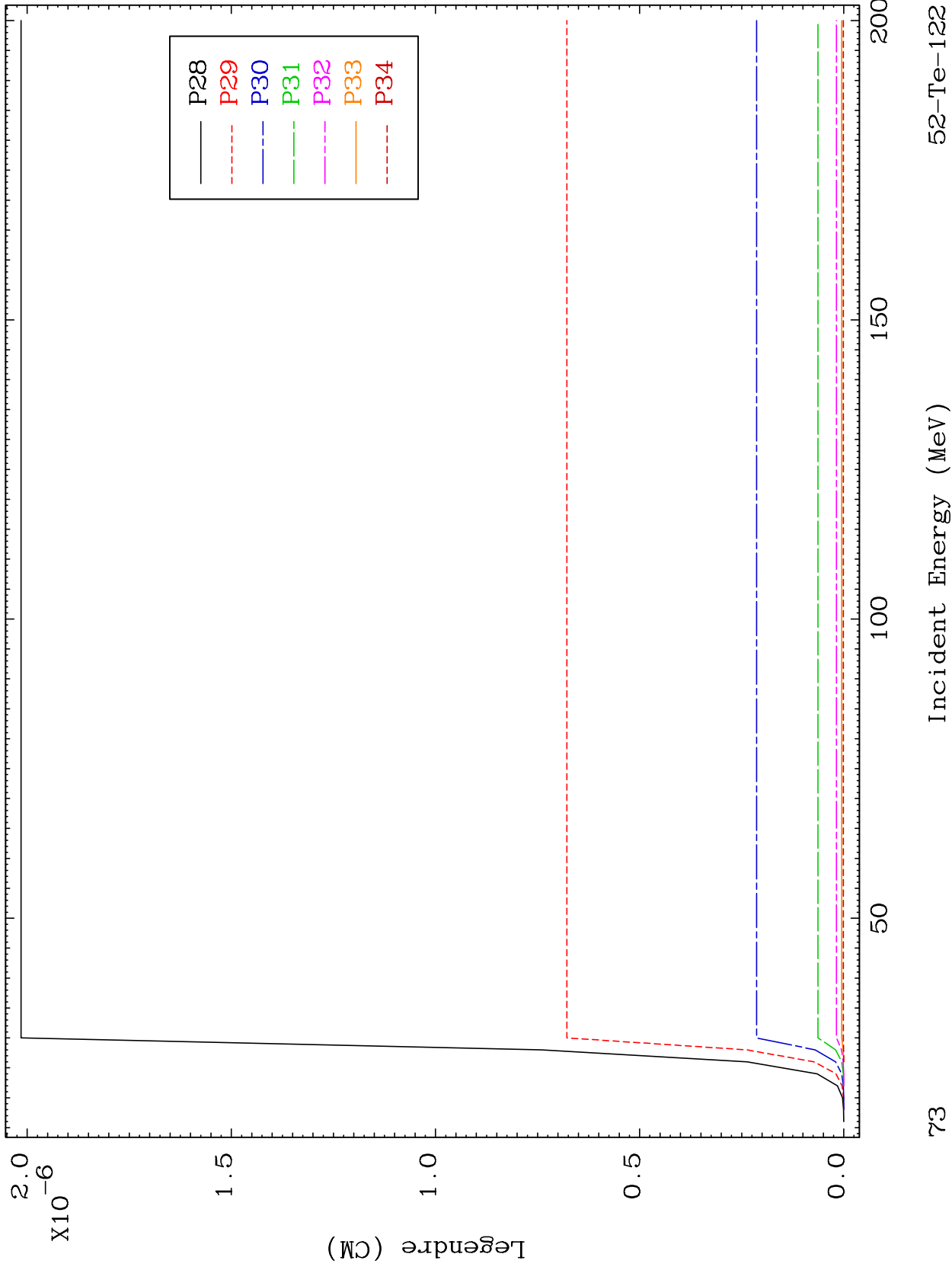
Incident Energy (MeV)

52-Te-122

MAT 5231

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

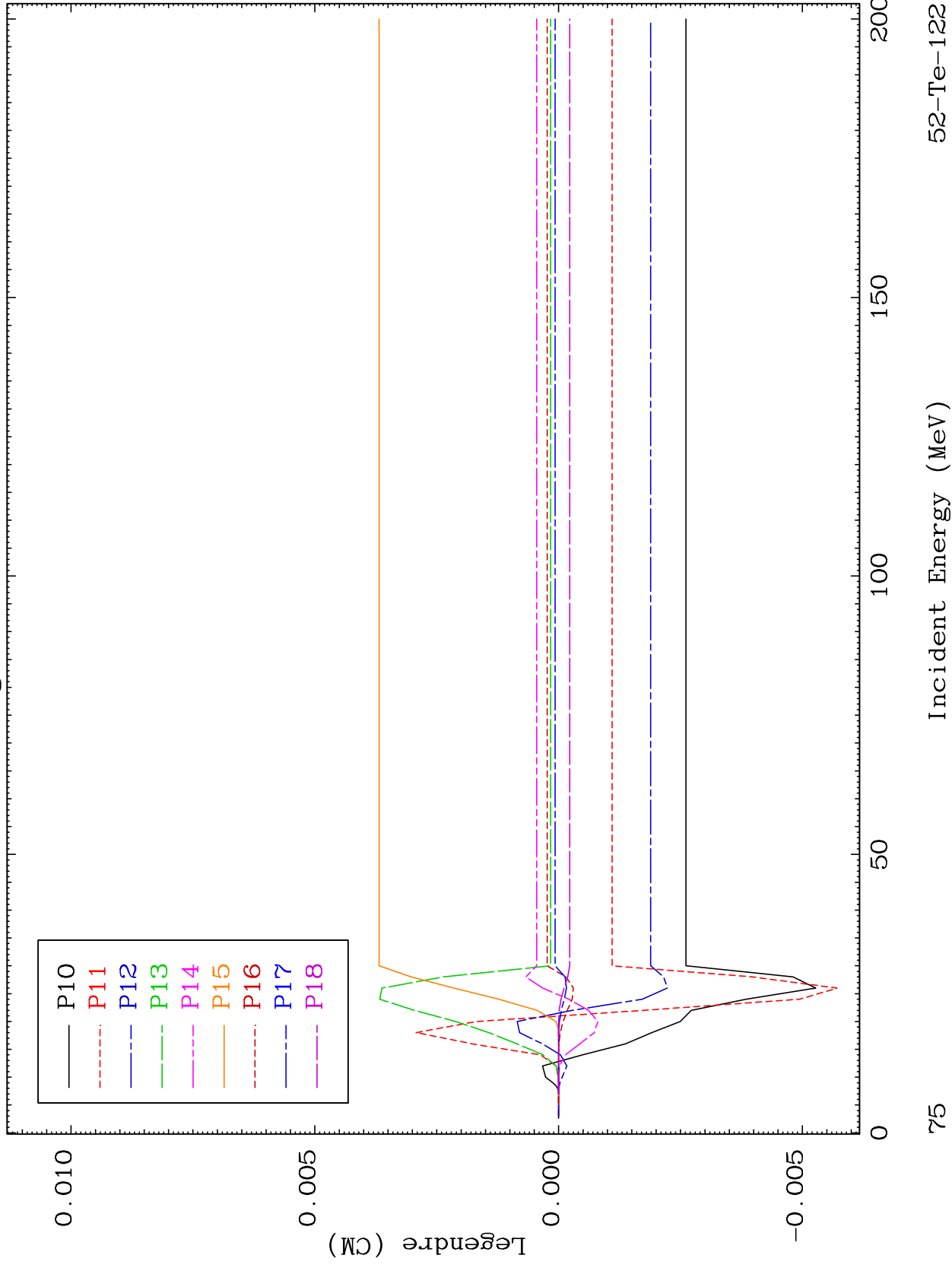
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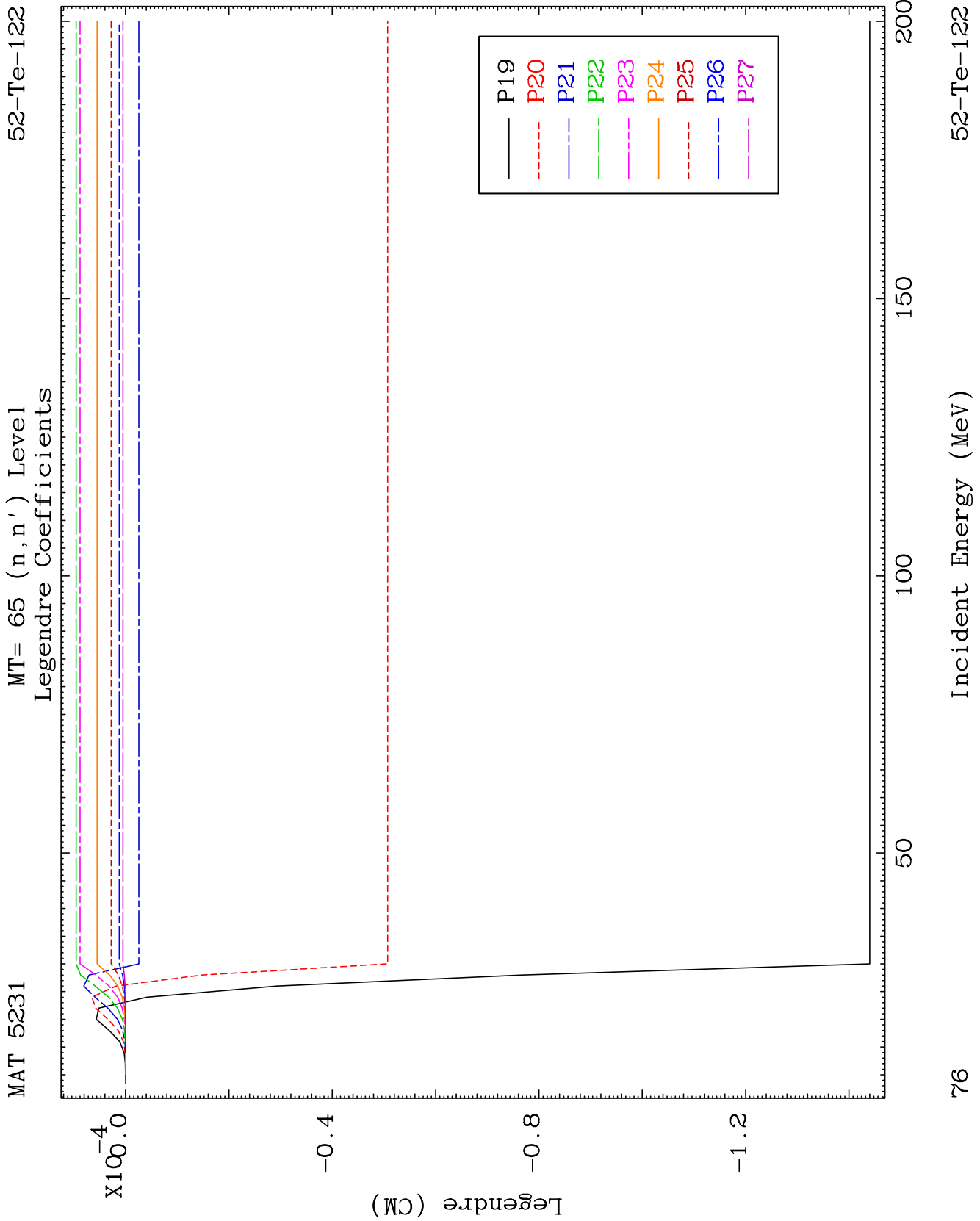


MAT 5231

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

52-Te-122

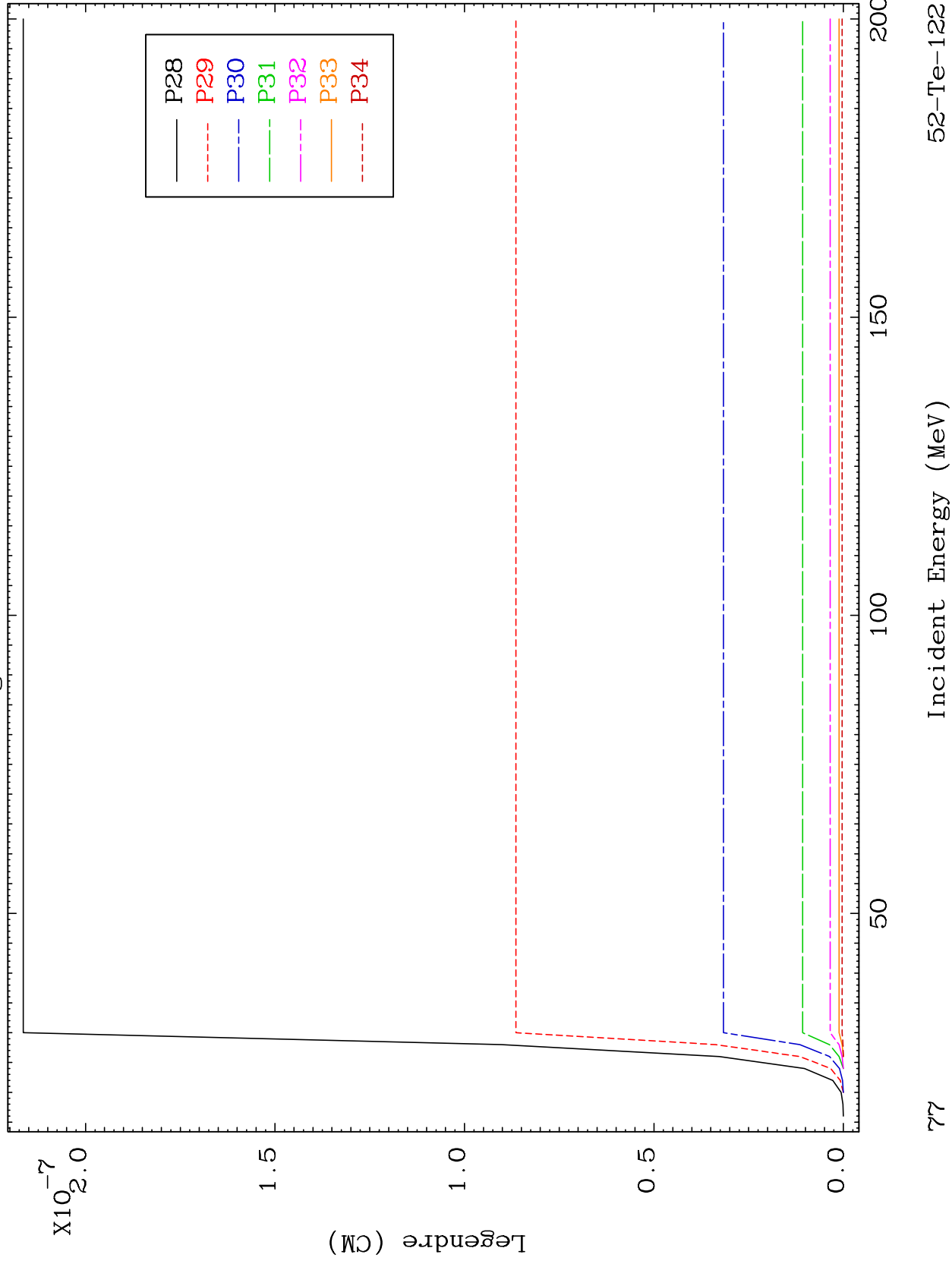


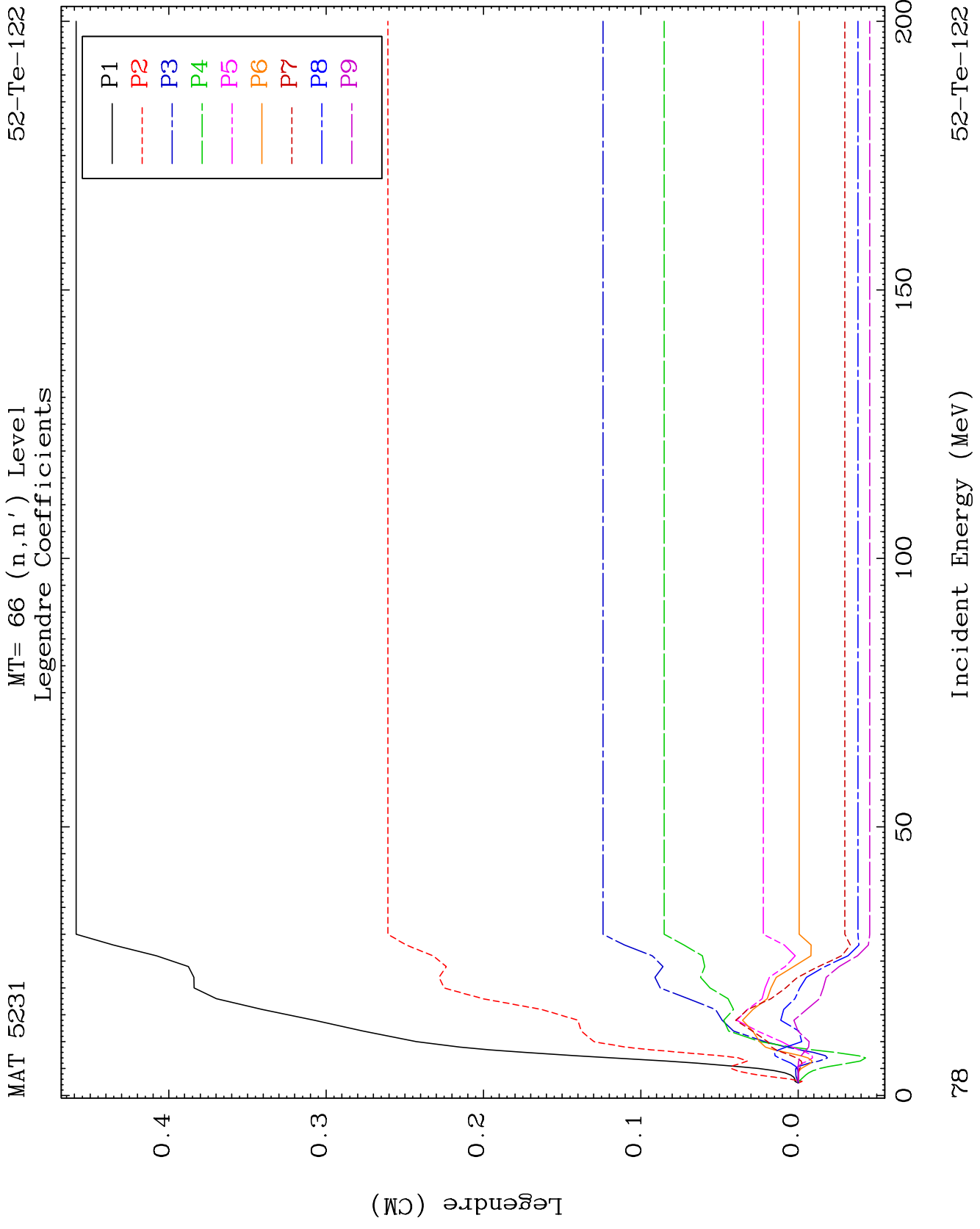


MAT 5231

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

52-Te-122

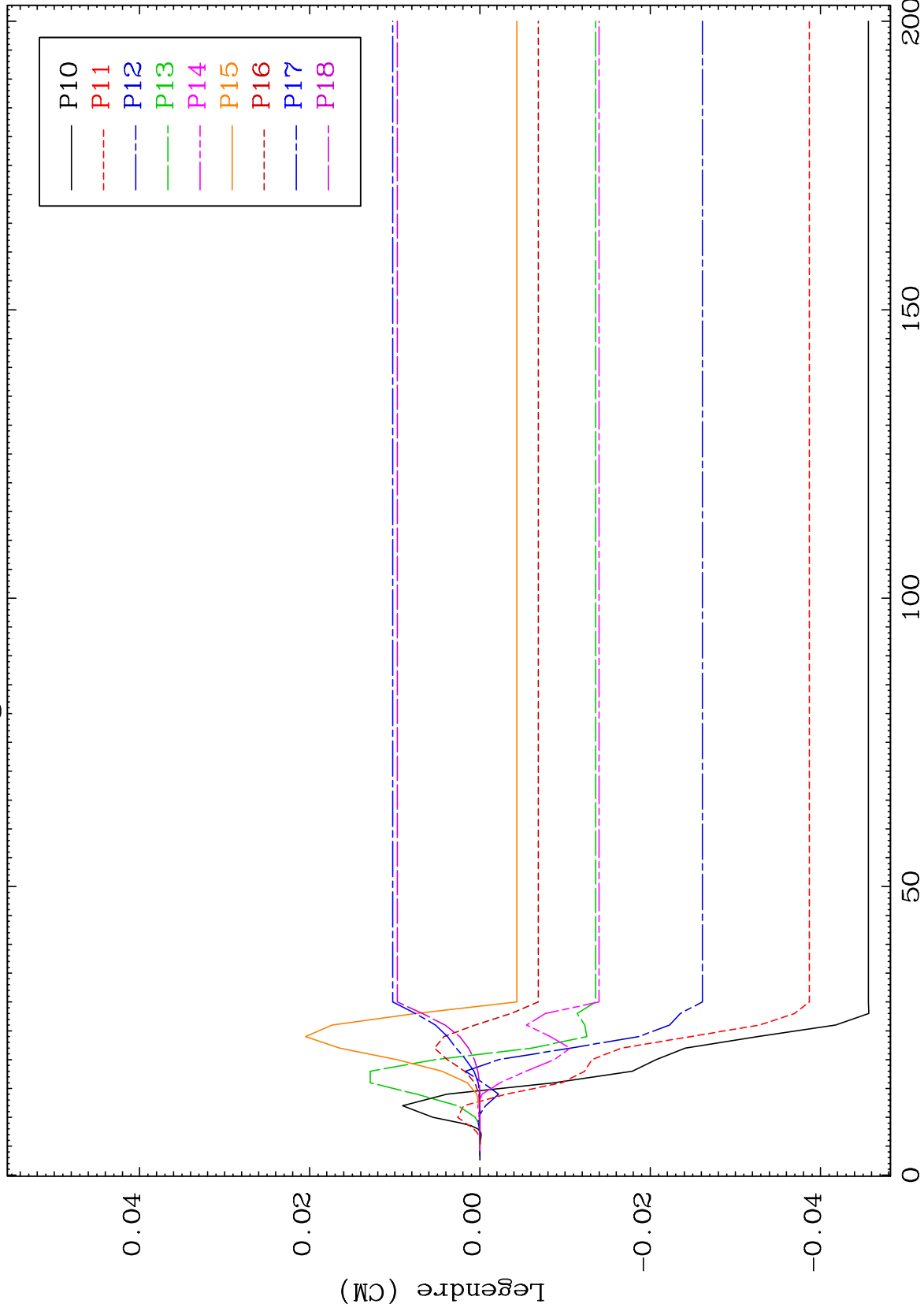




MAT 5231

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

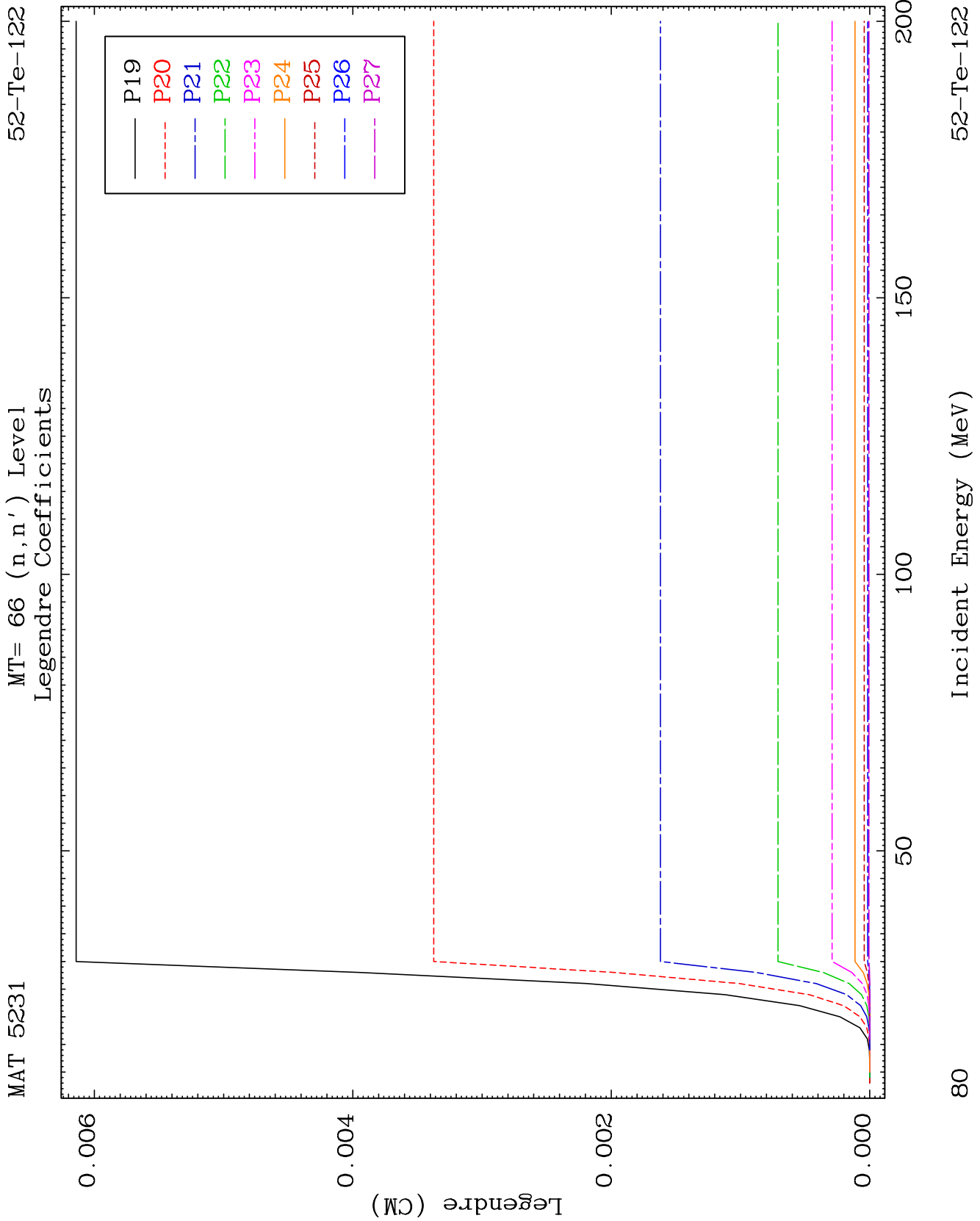
52-Te-122

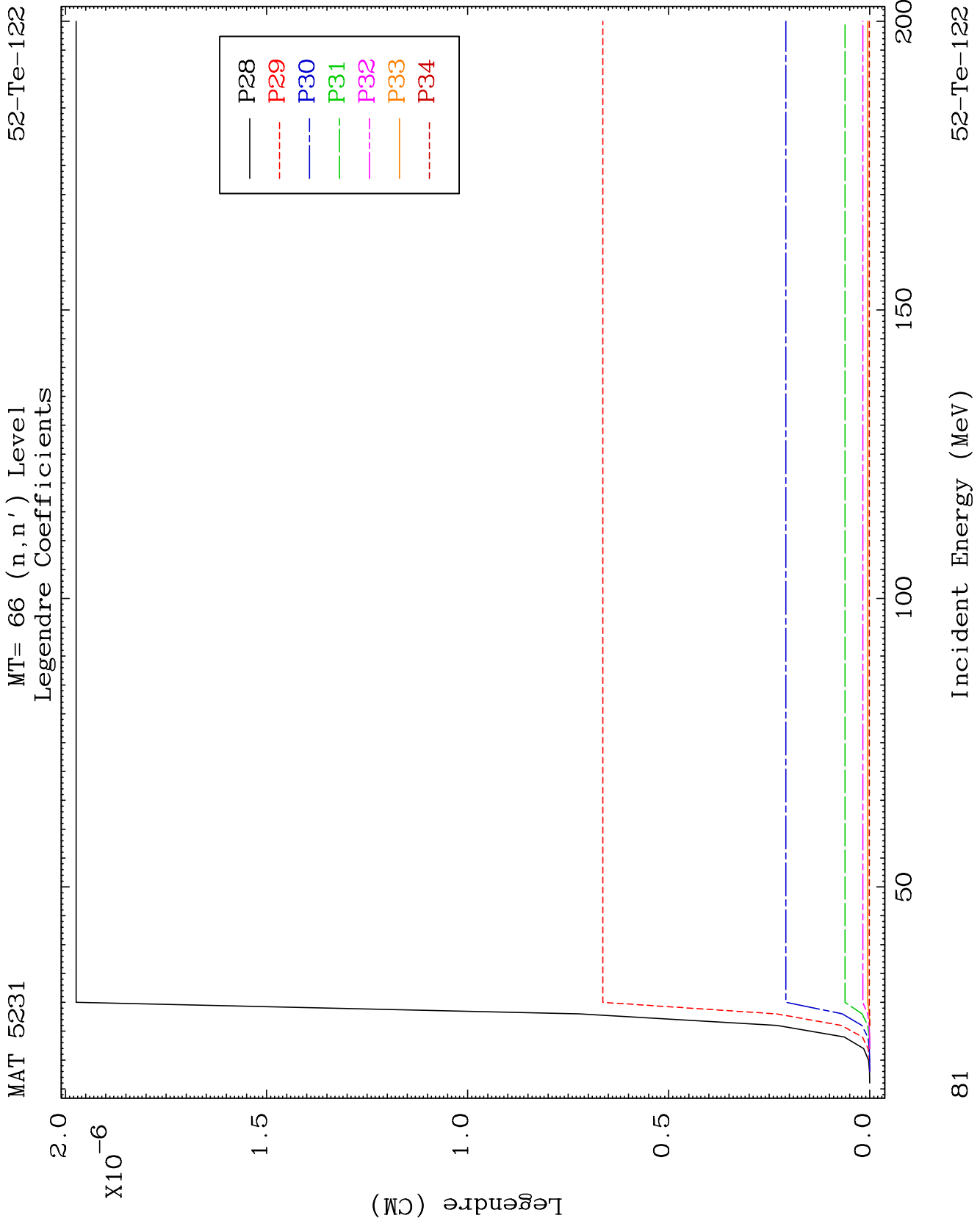


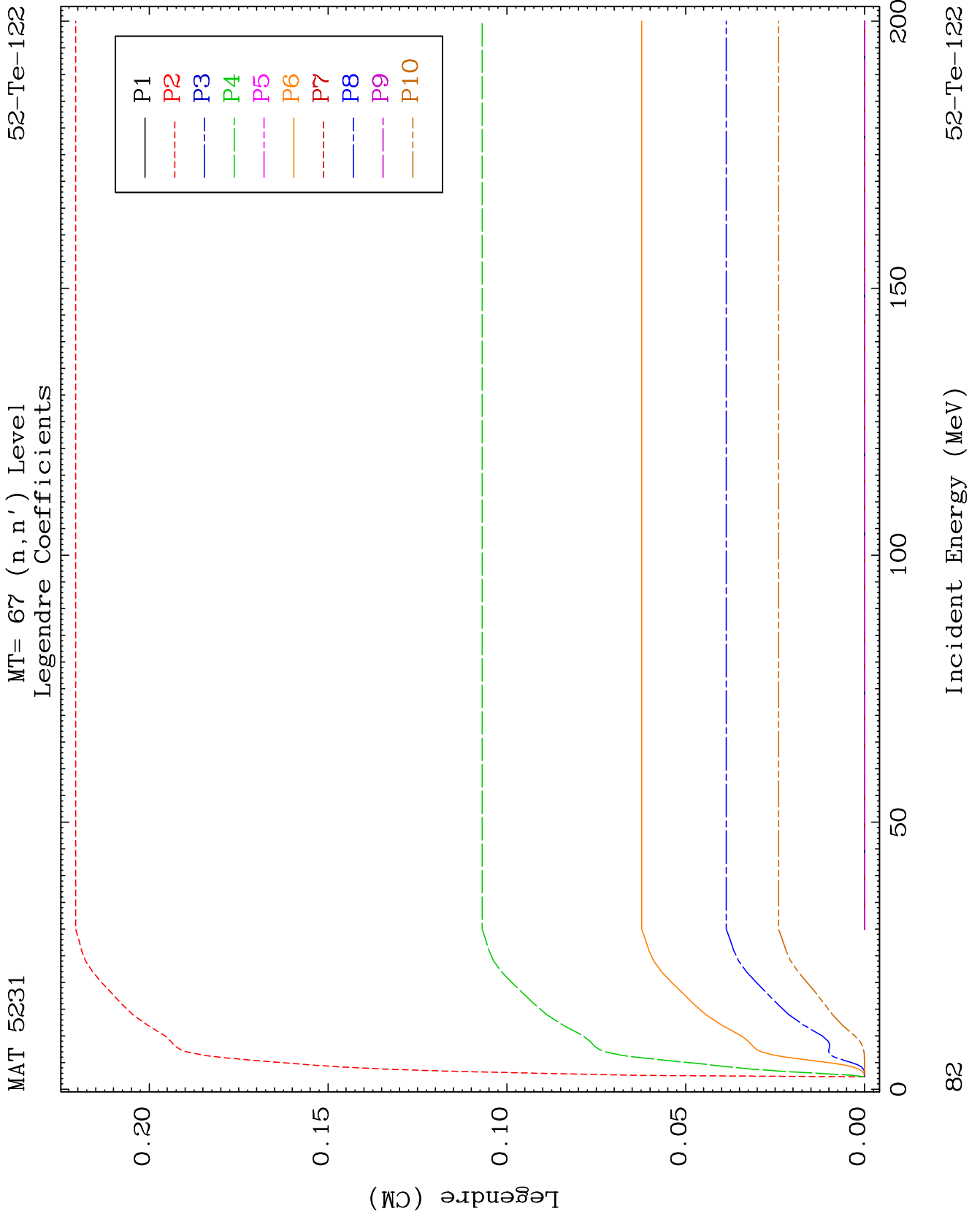
79

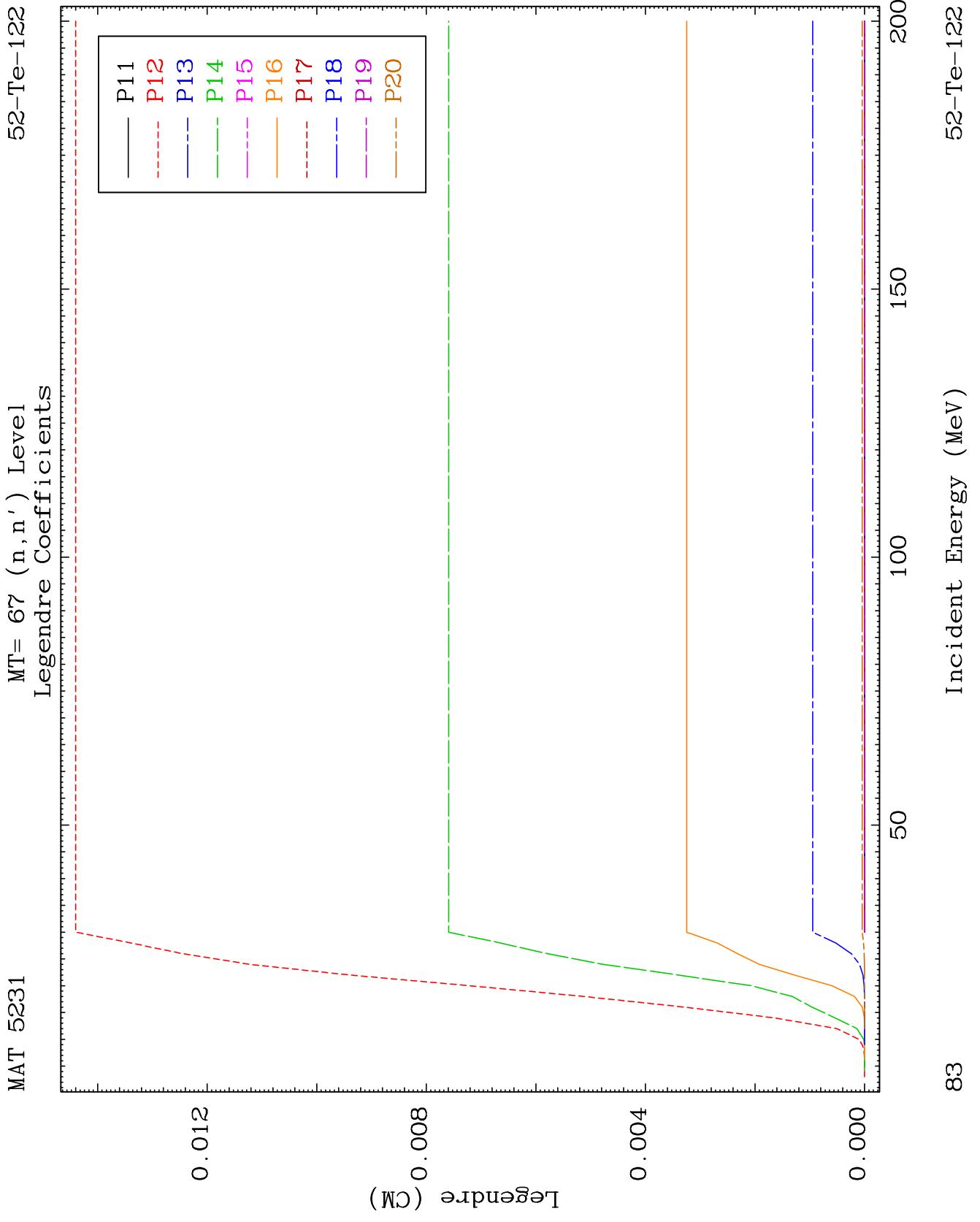
Incident Energy (MeV)

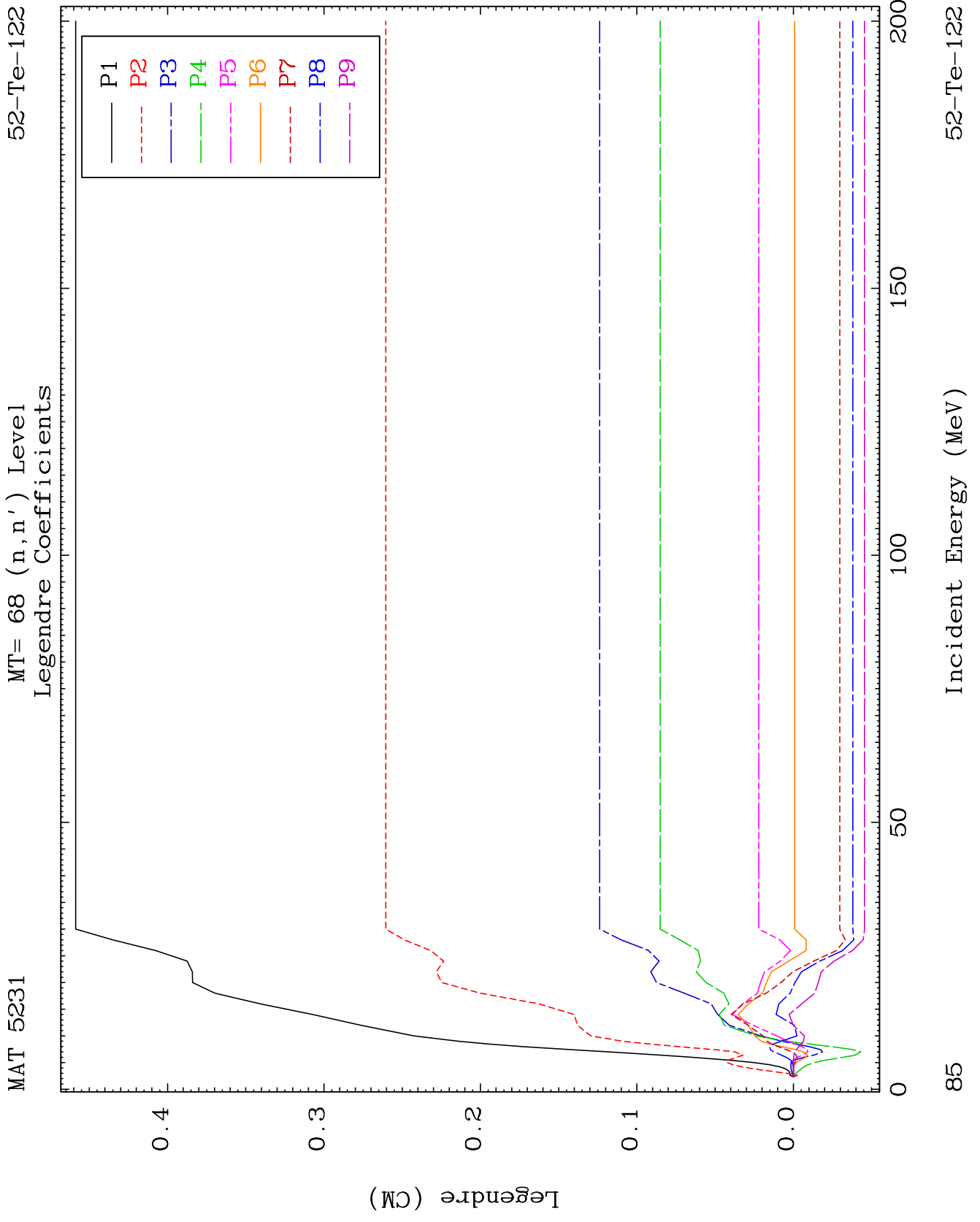
52-Te-122







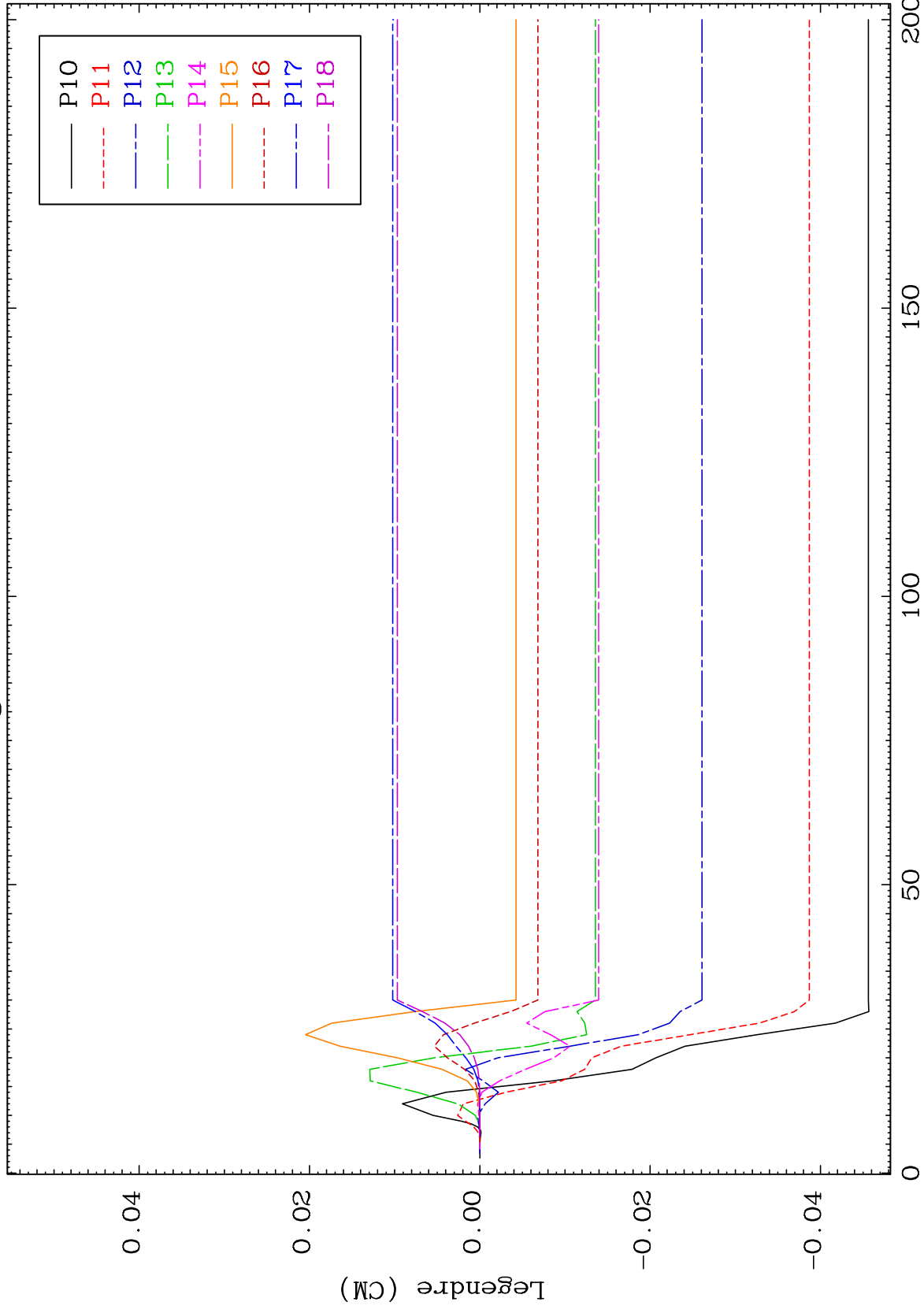




MAT 5231

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

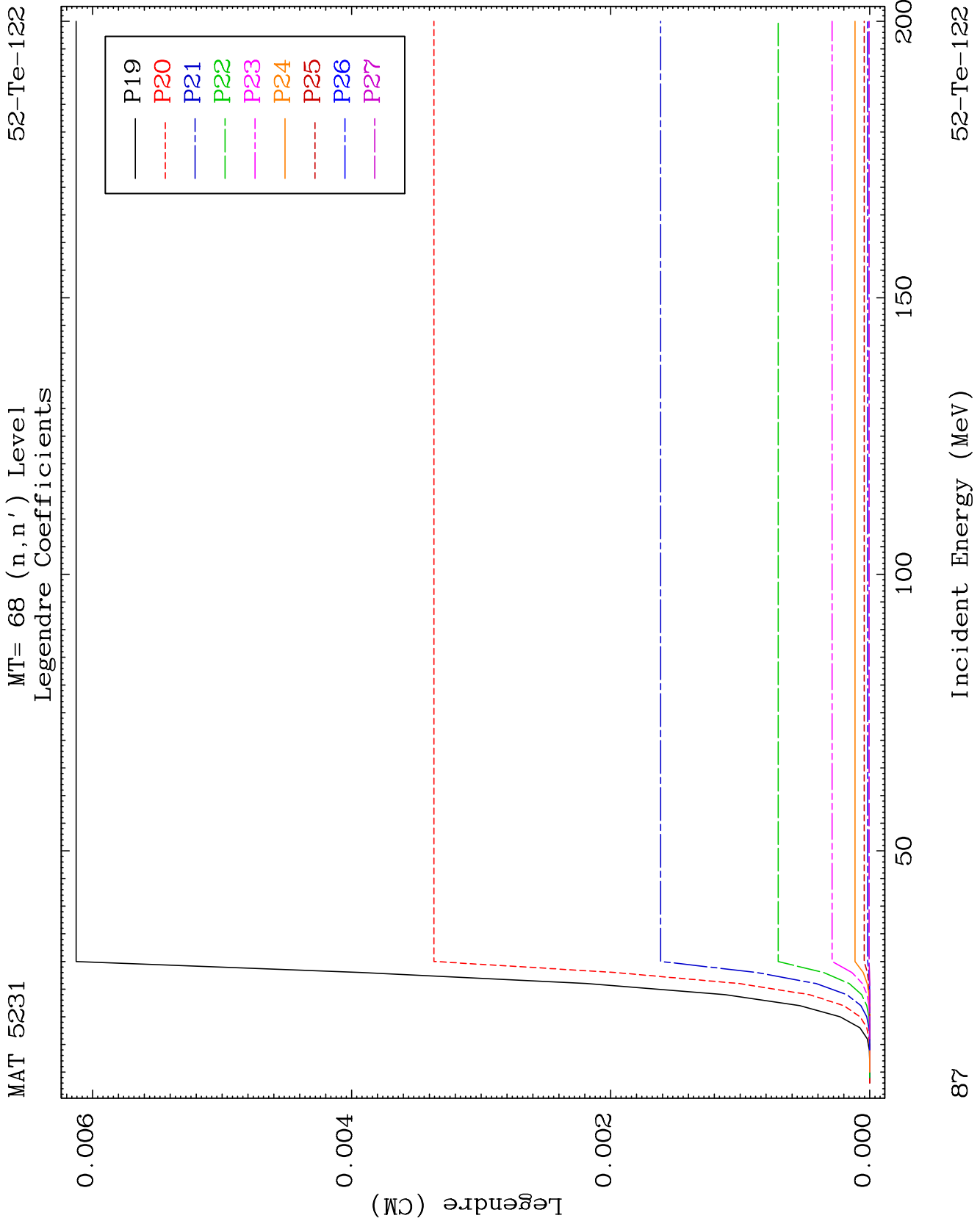
52-Te-122



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Incident Energy (MeV)

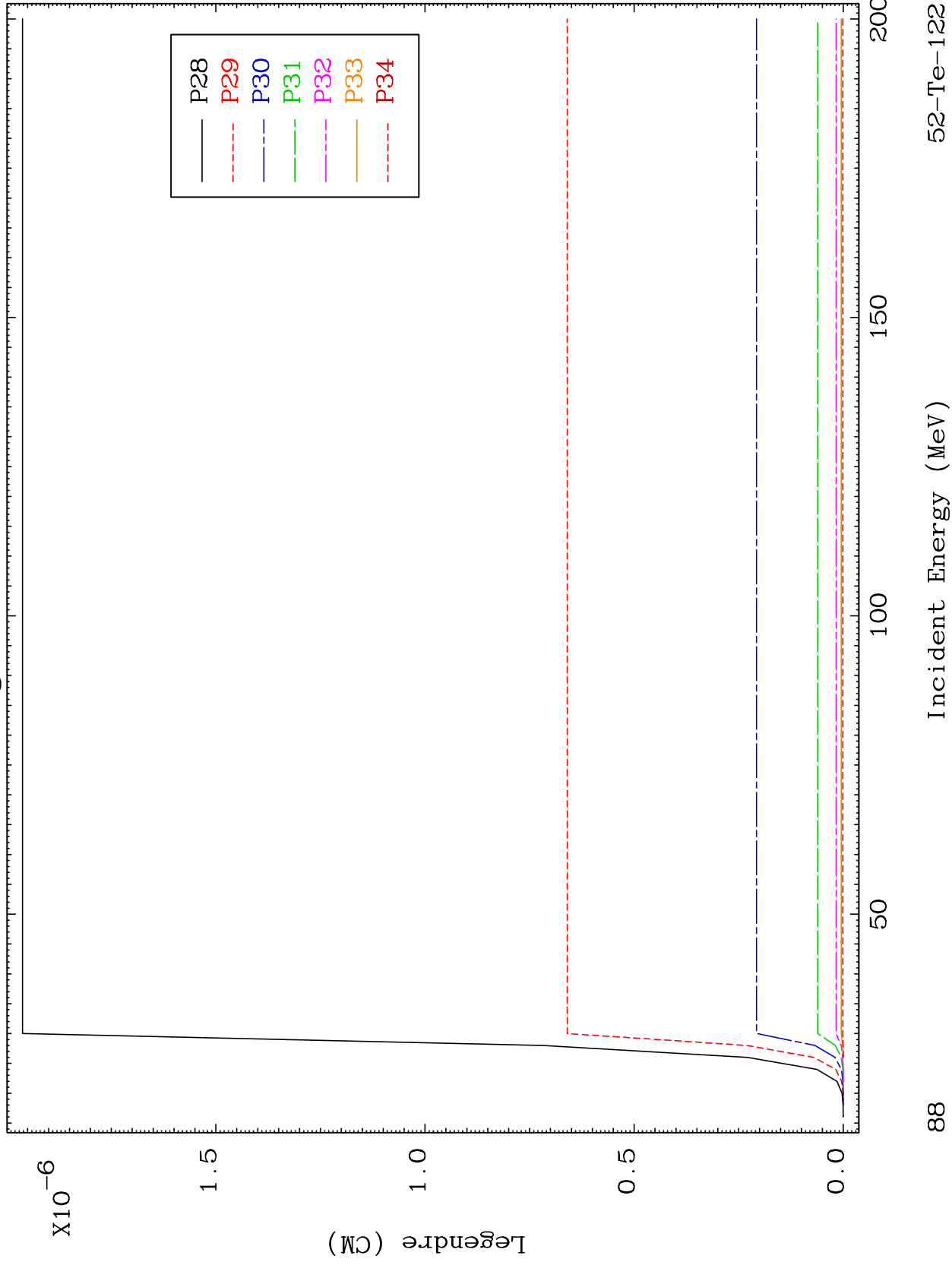
52-Te-122



MAT 5231

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

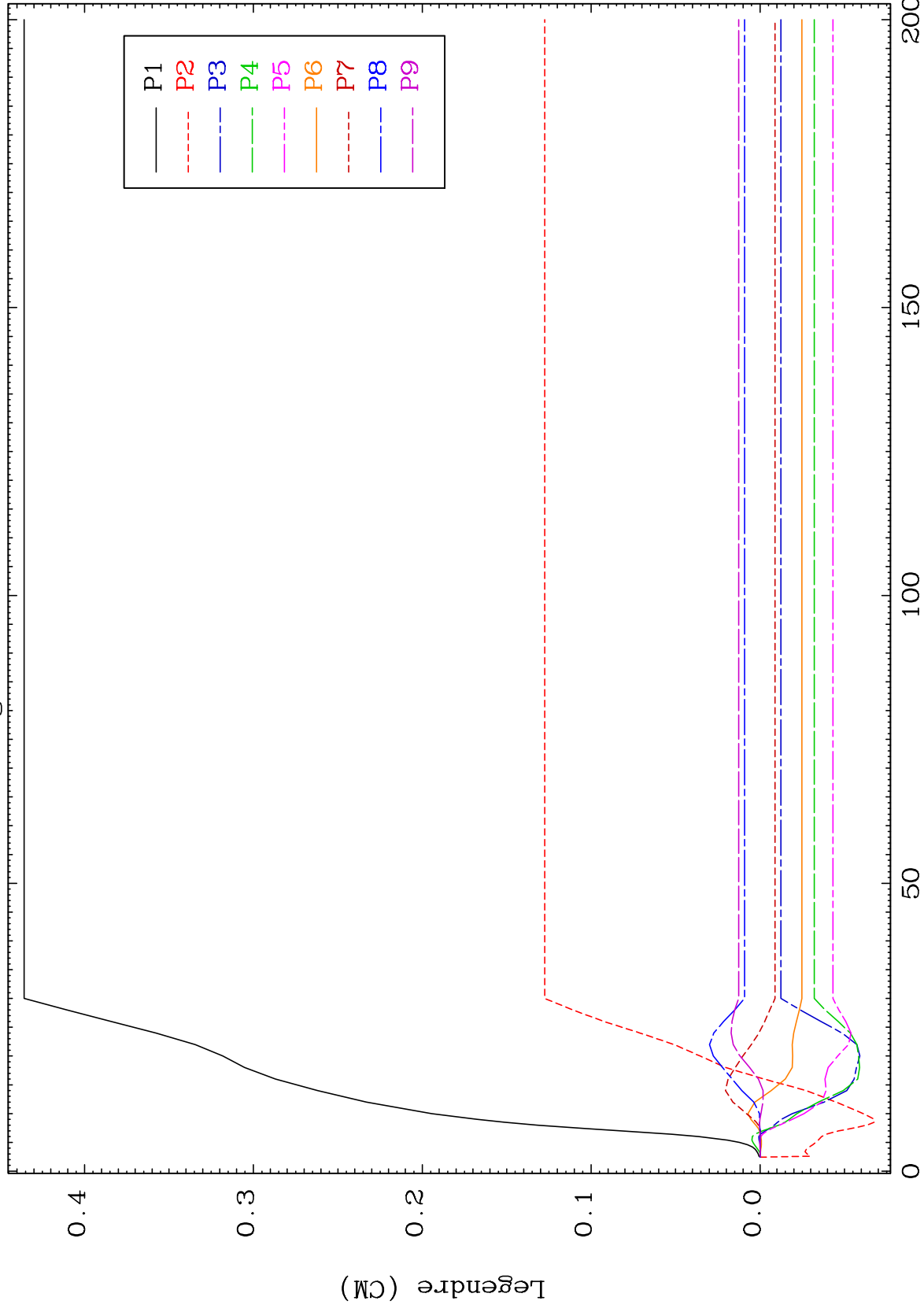
52-Te-122



MAT 5231

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

52-Te-122



89

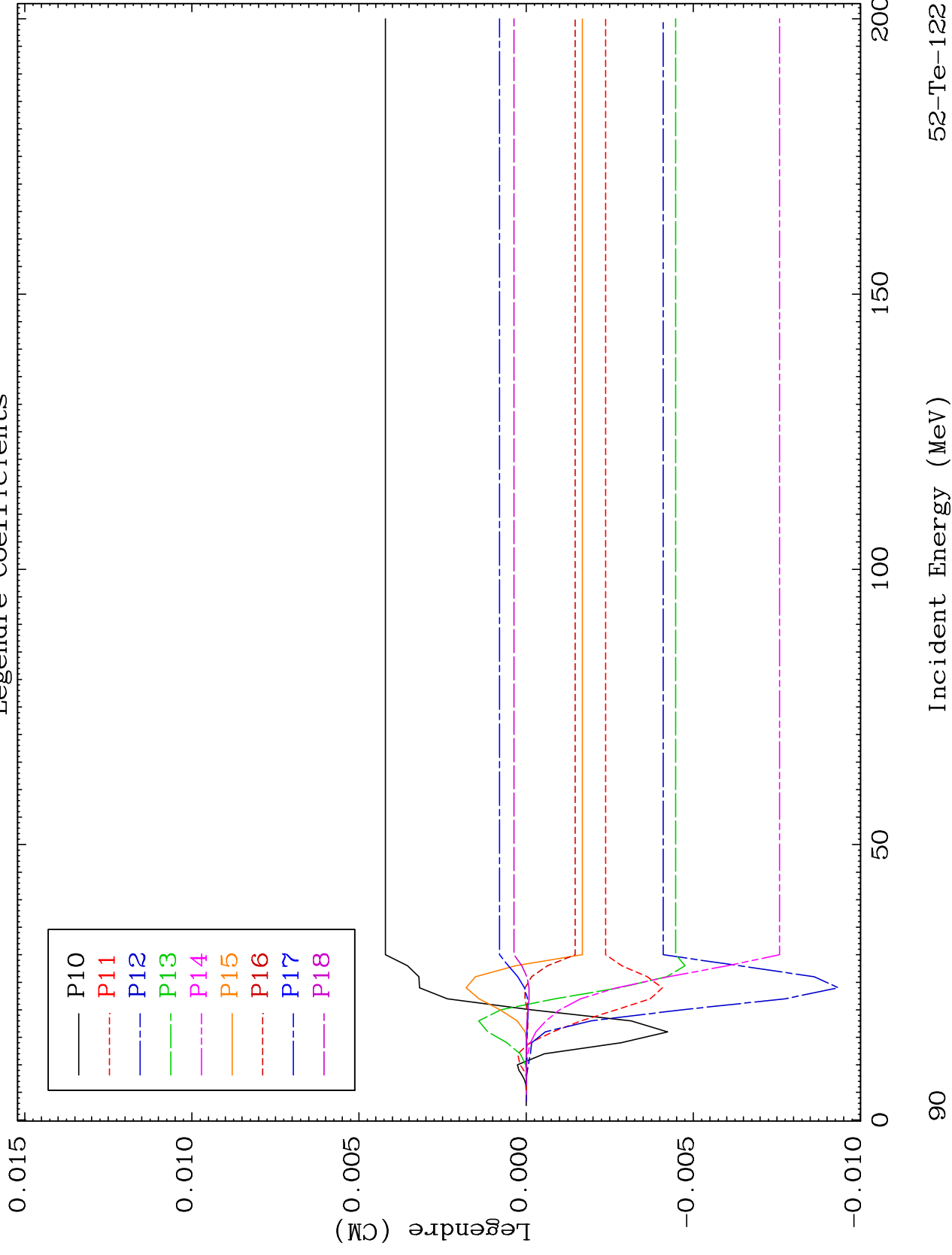
Incident Energy (MeV)

52-Te-122

MAT 5231

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

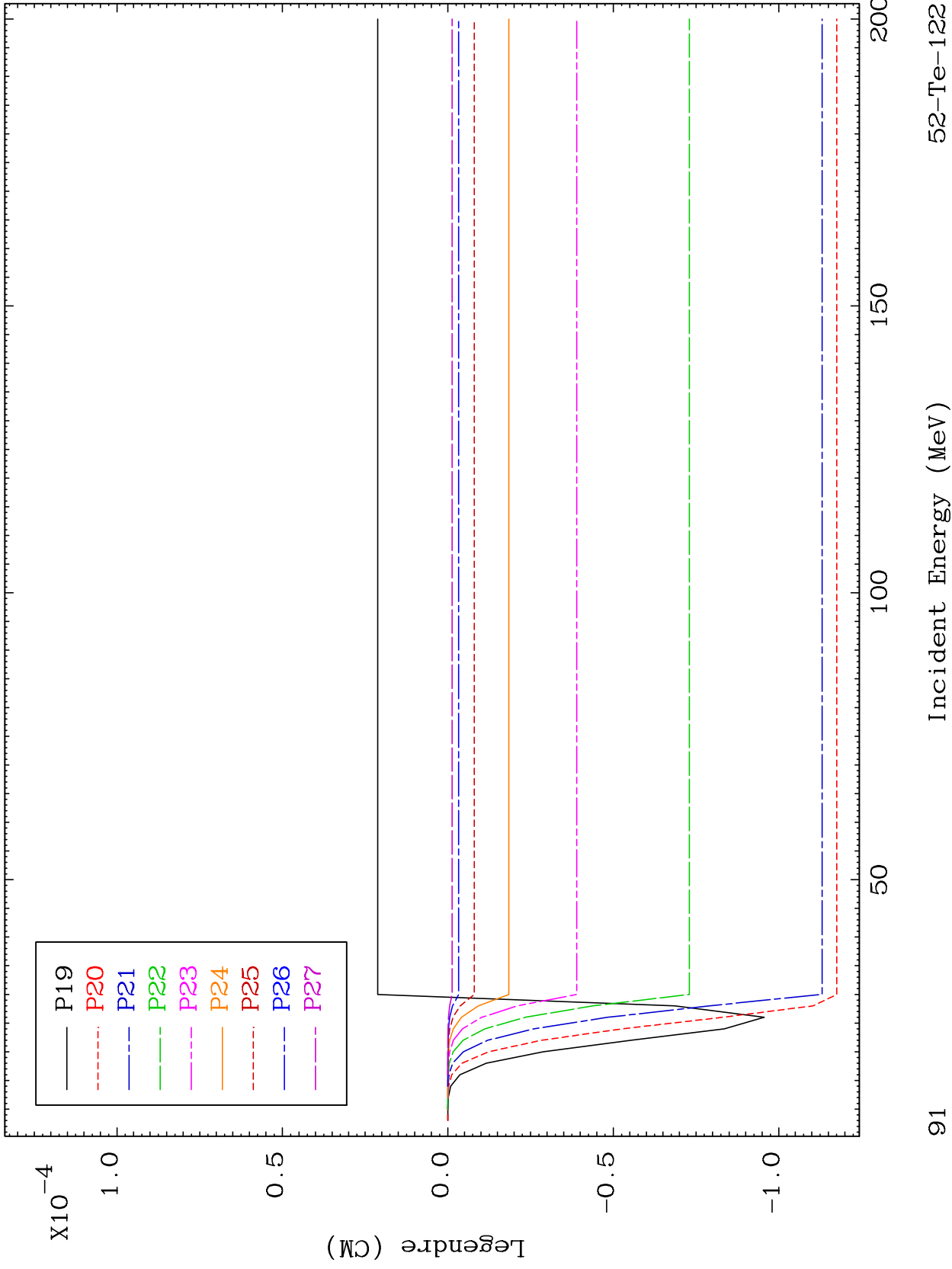
52-Te-122

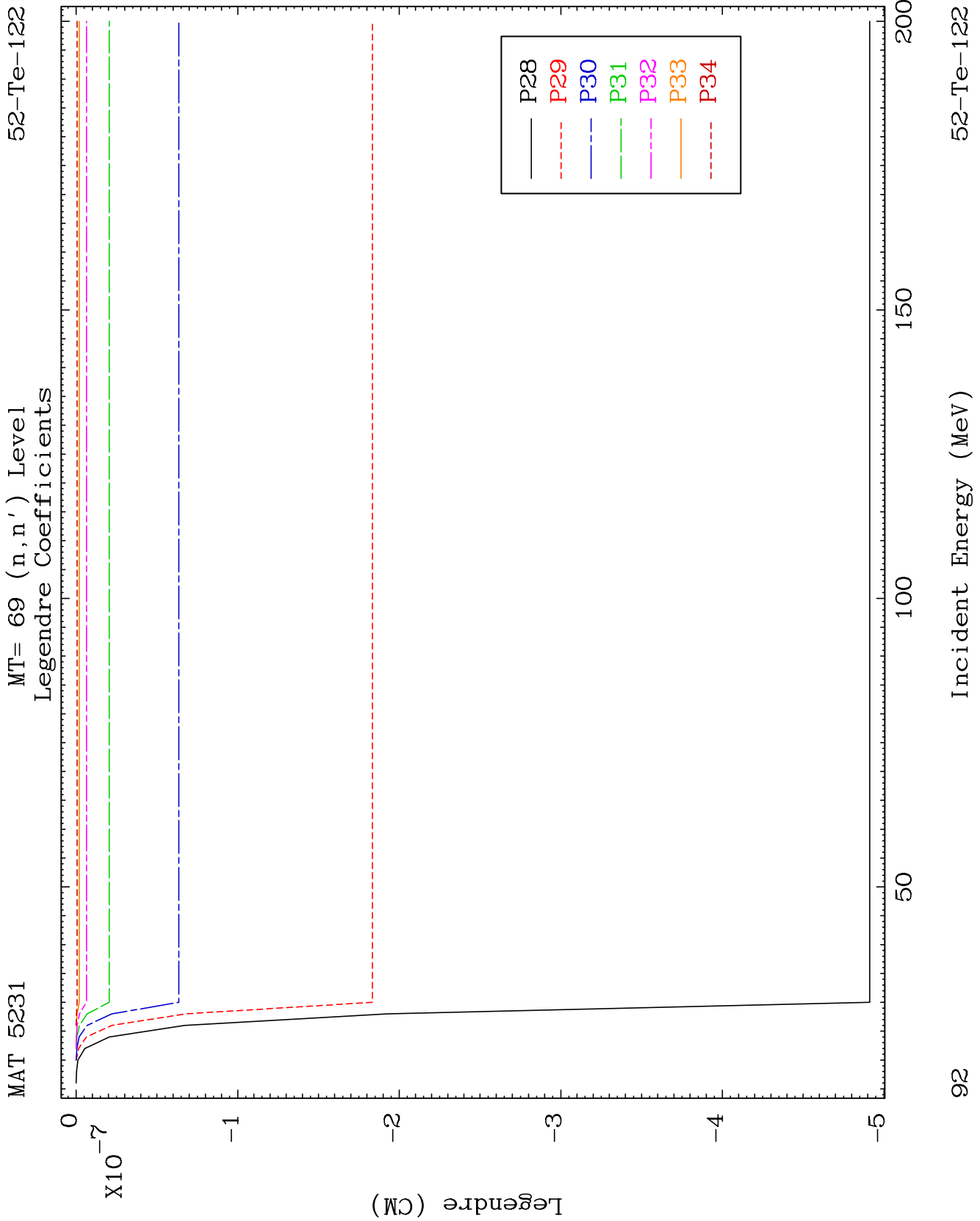


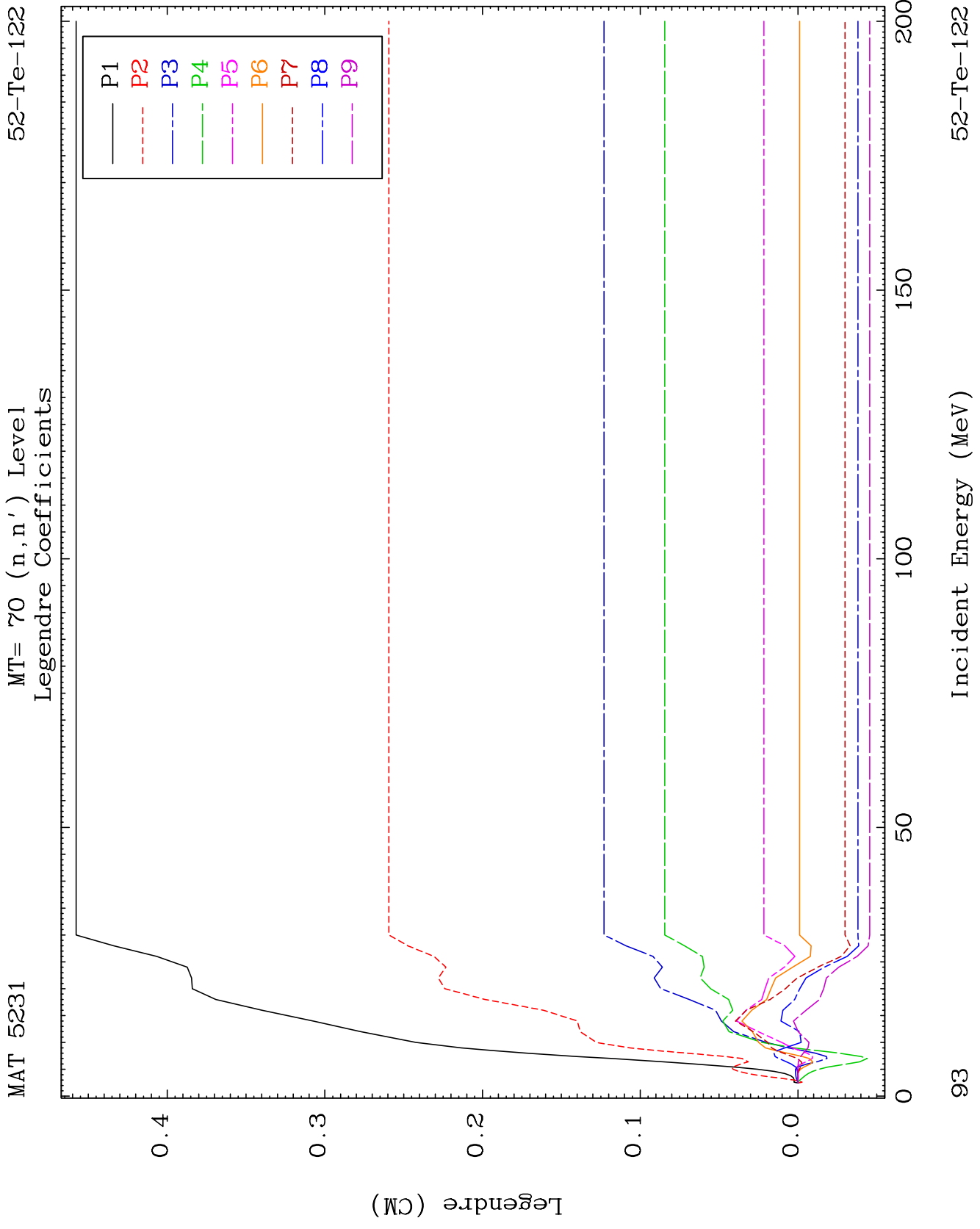
MAT 5231

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

52-Te-122



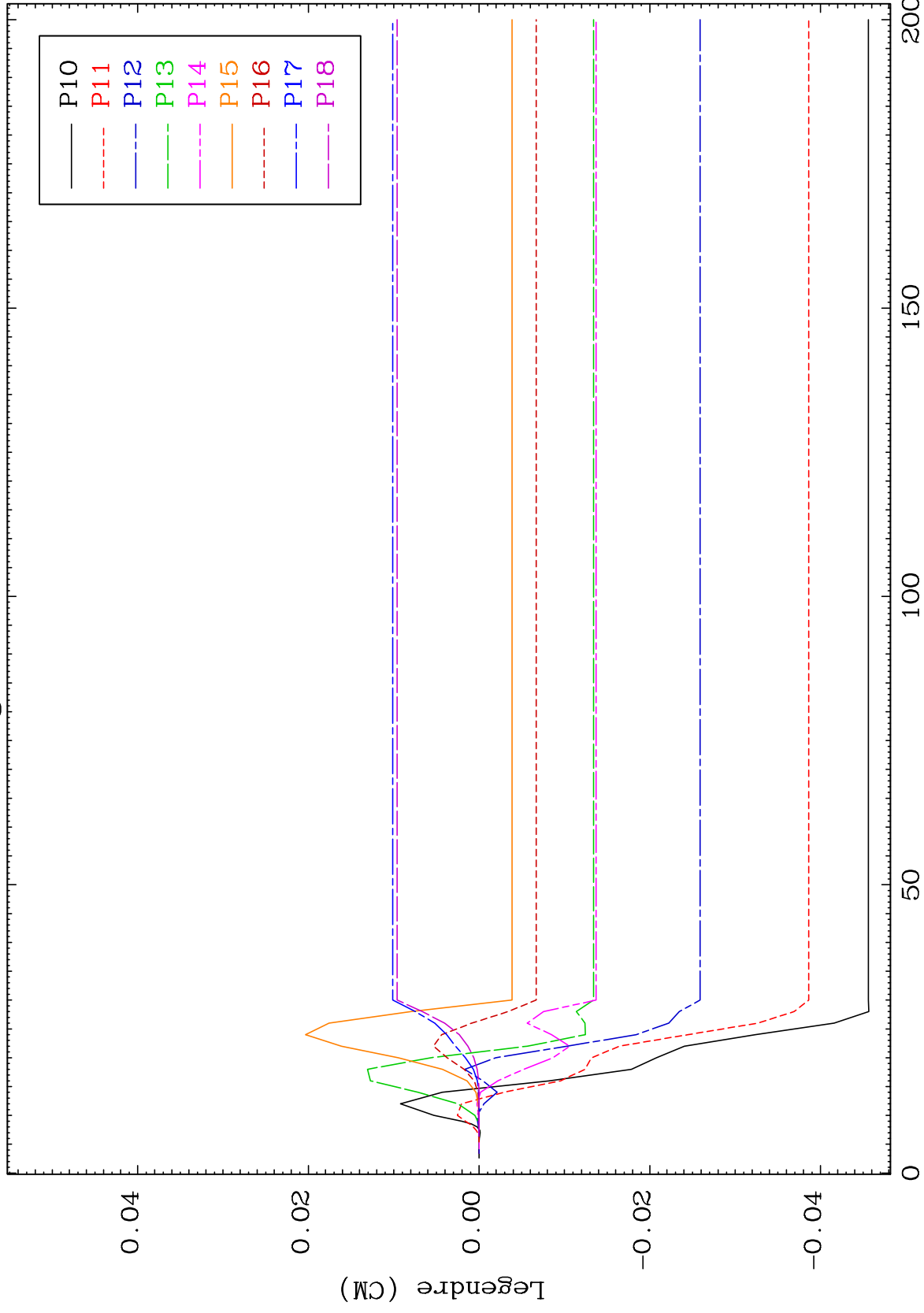




MAT 5231

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

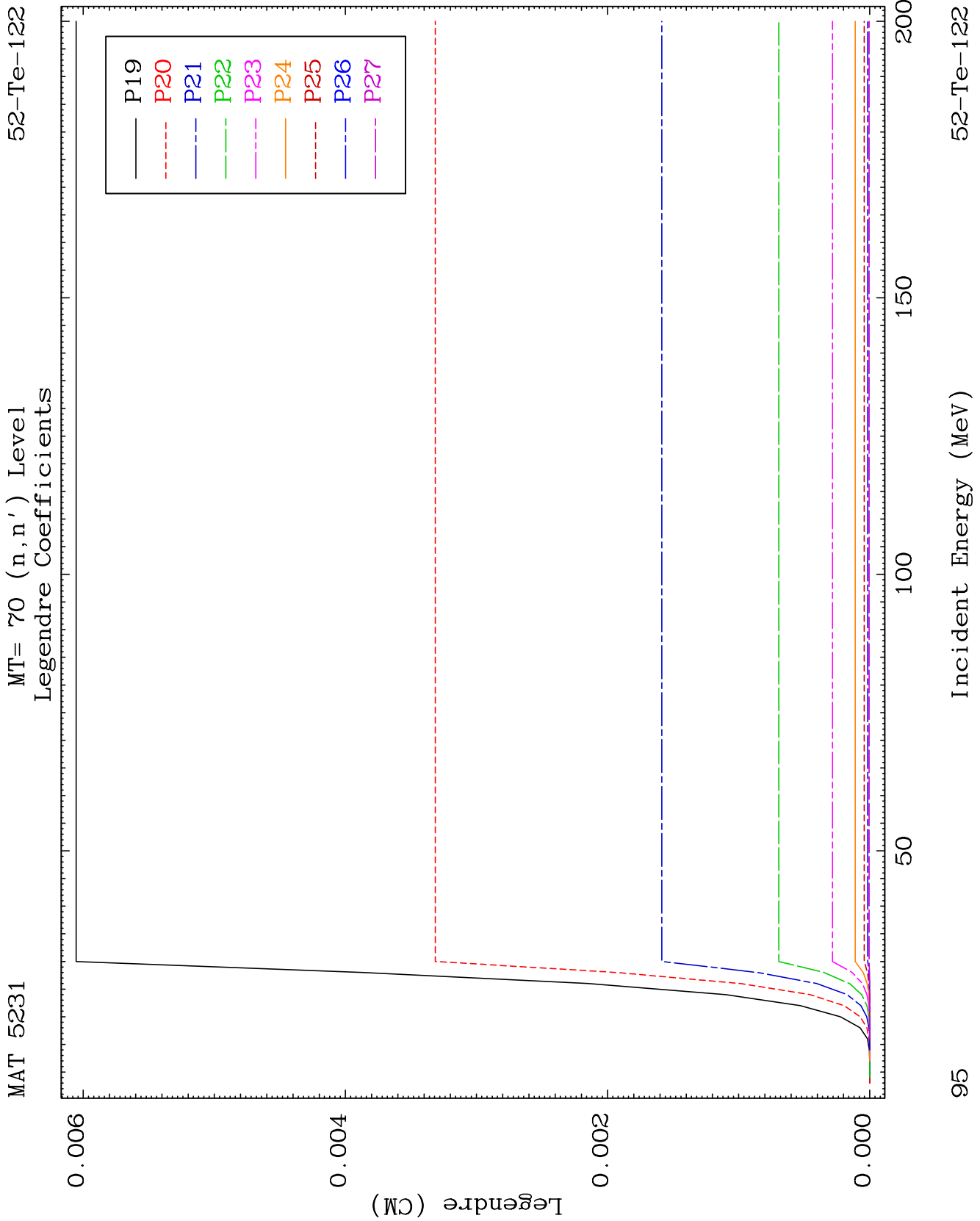
52-Te-122



94

Incident Energy (MeV)

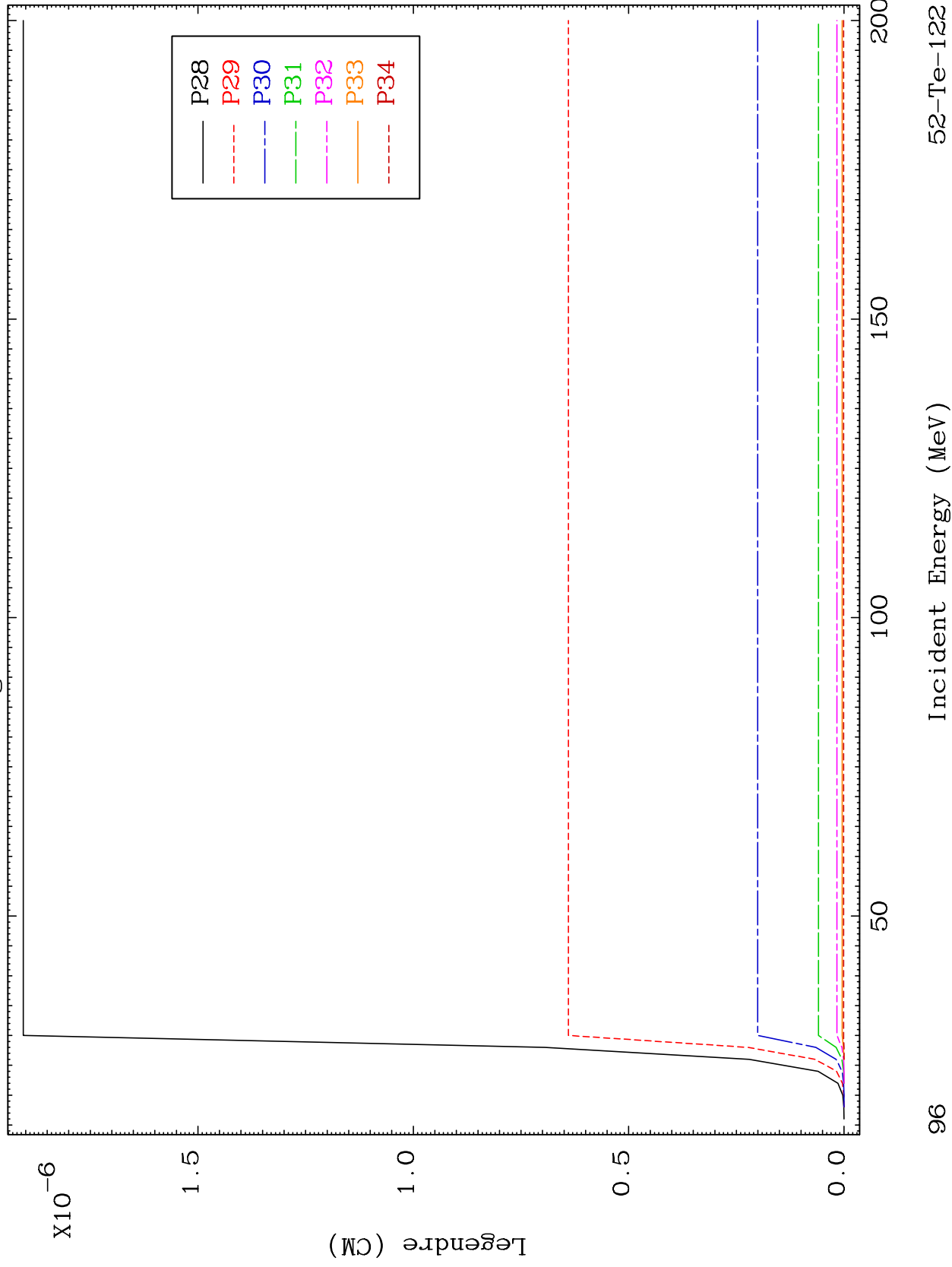
52-Te-122



MAT 5231

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

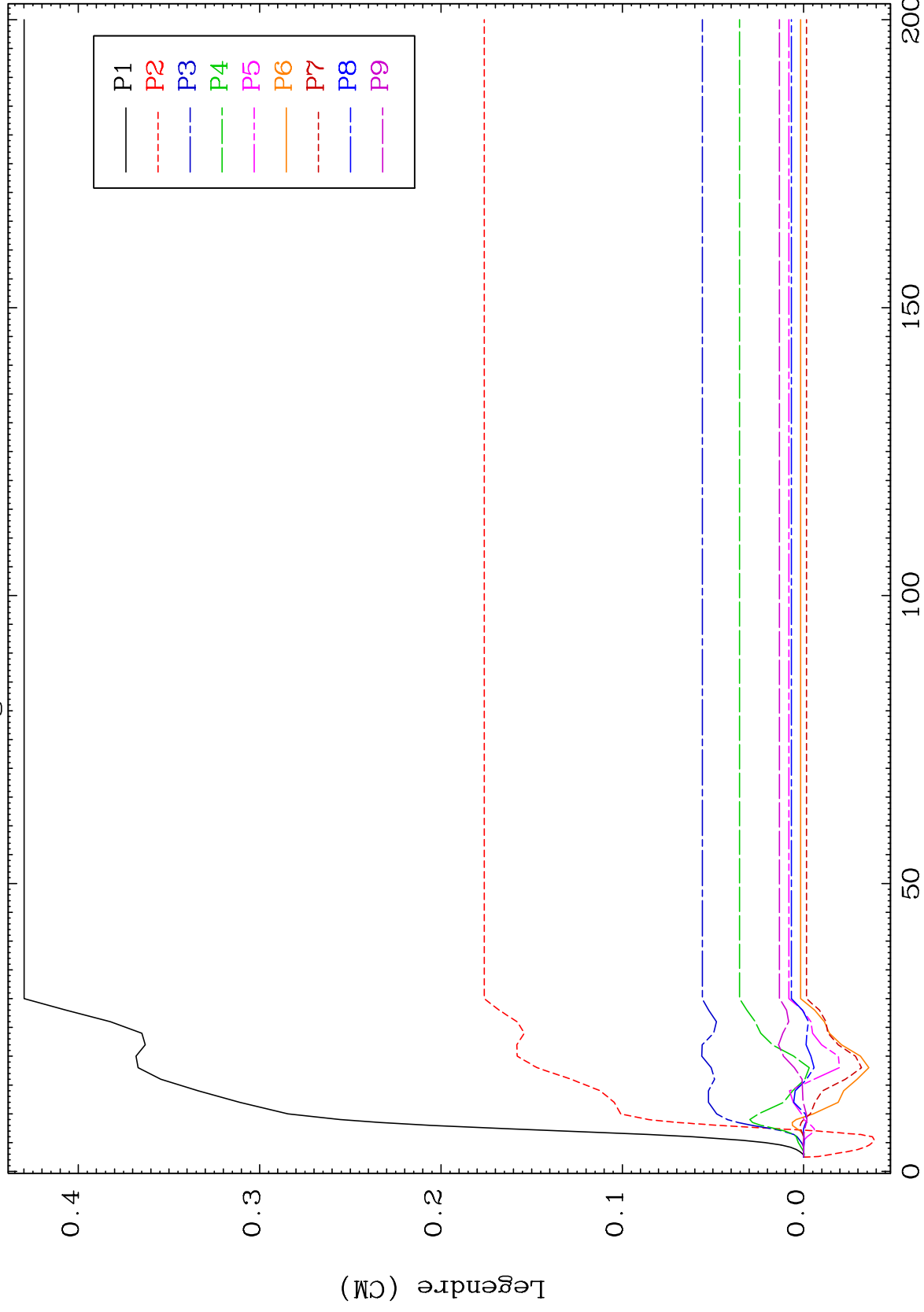
52-Te-122



MAT 5231

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

52-Te-122



97

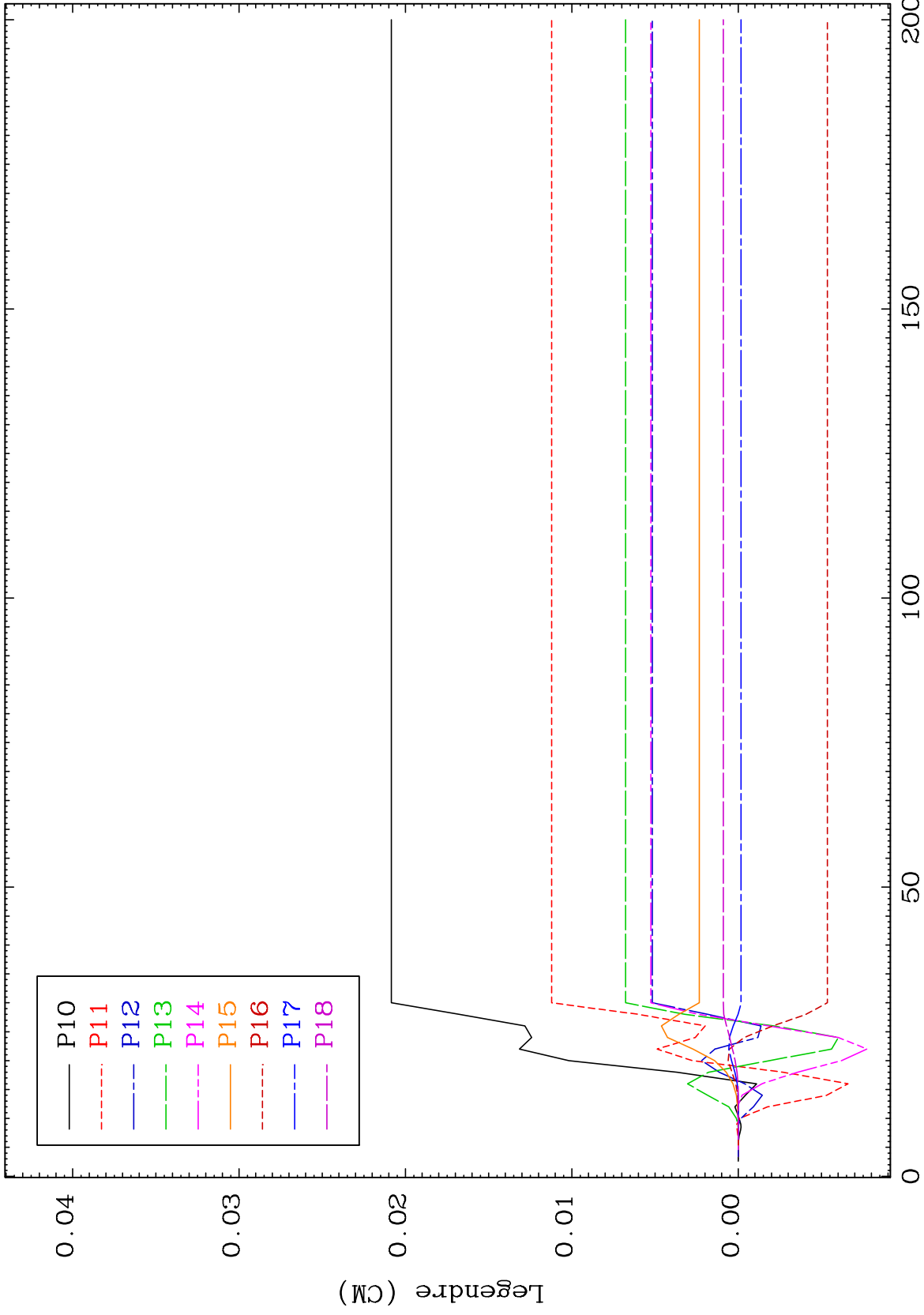
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



98

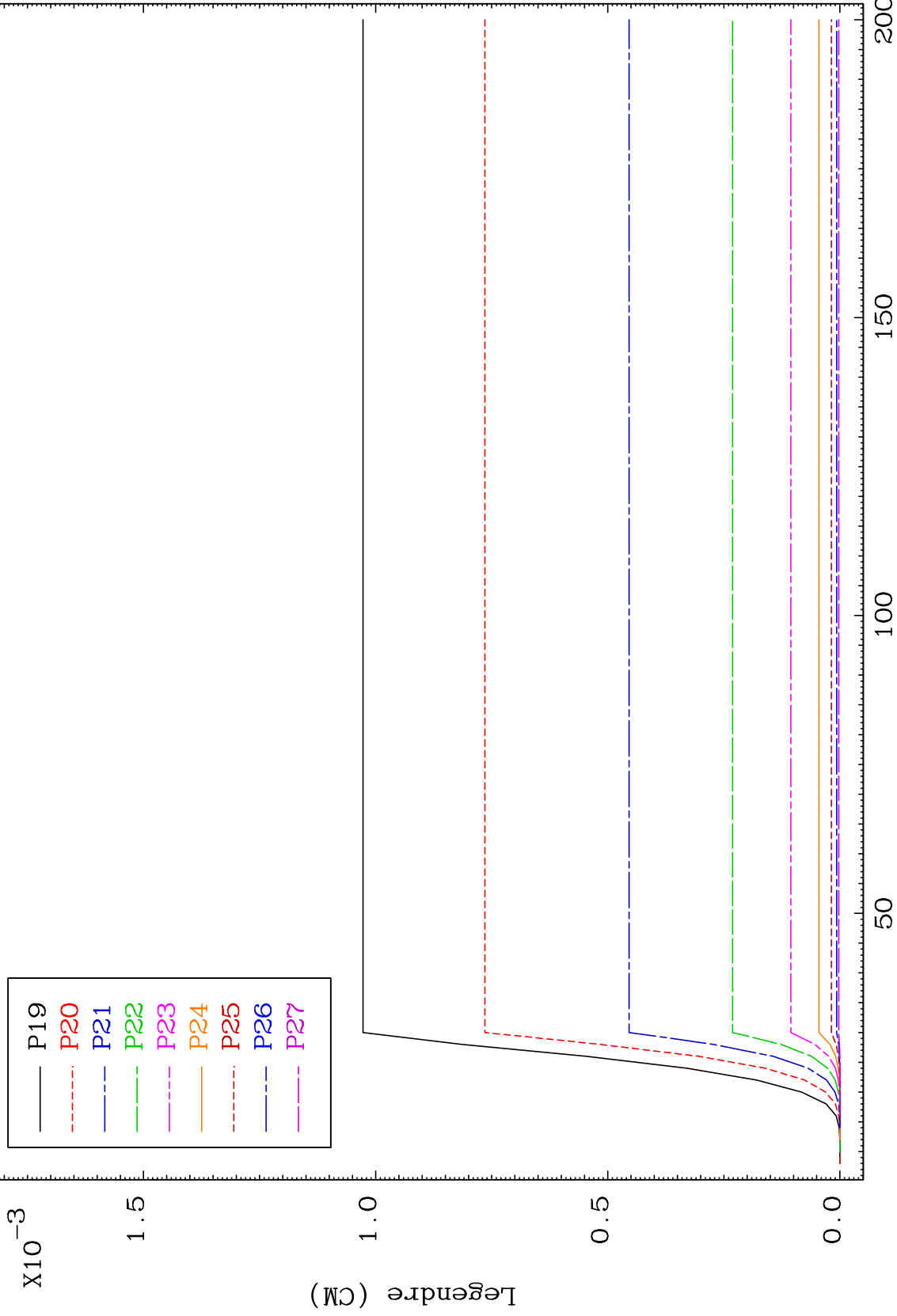
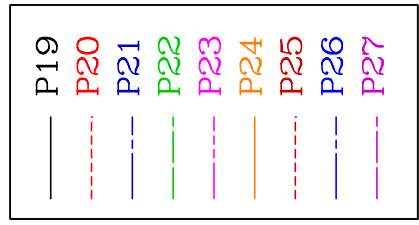
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



99

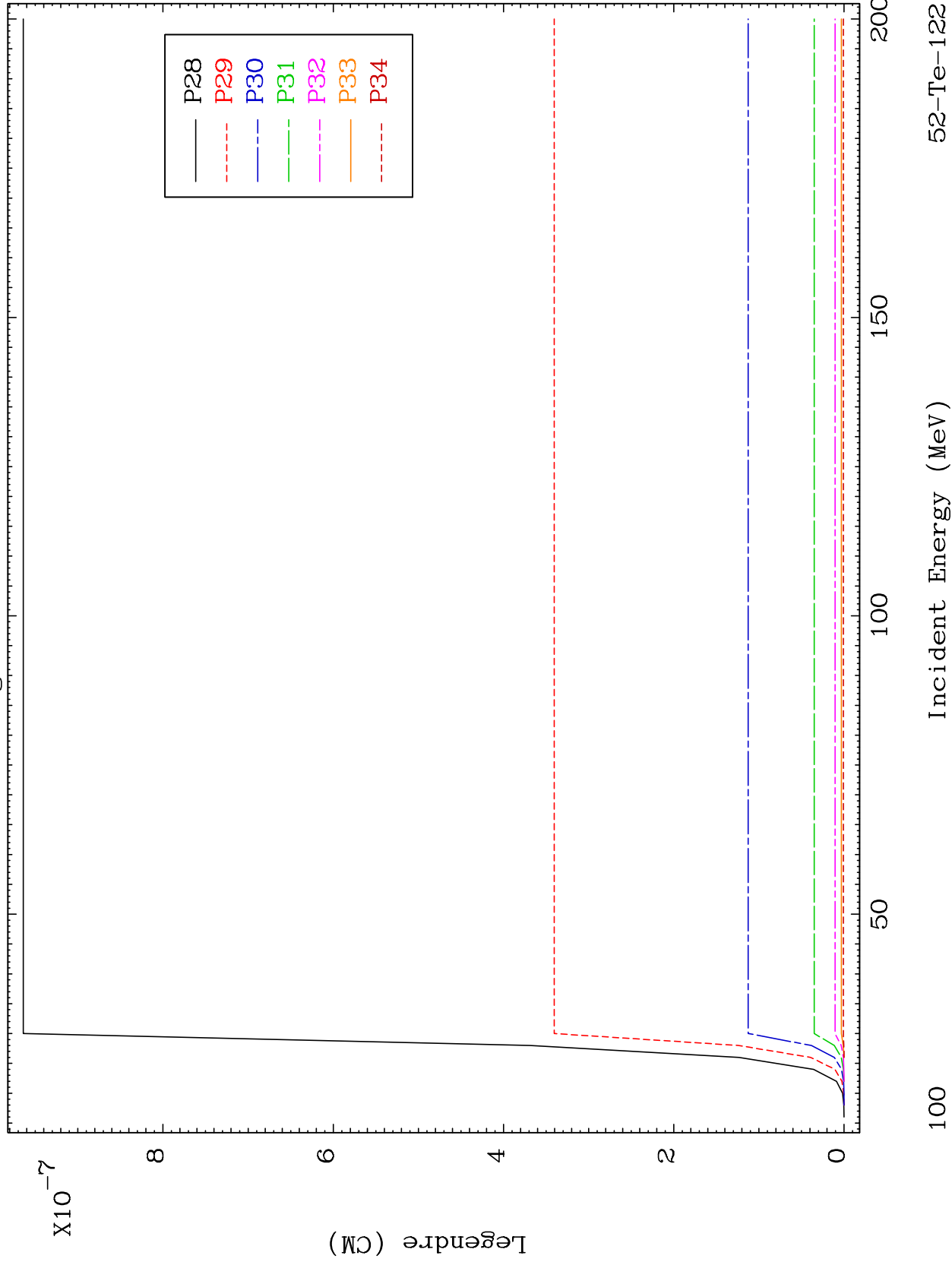
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122

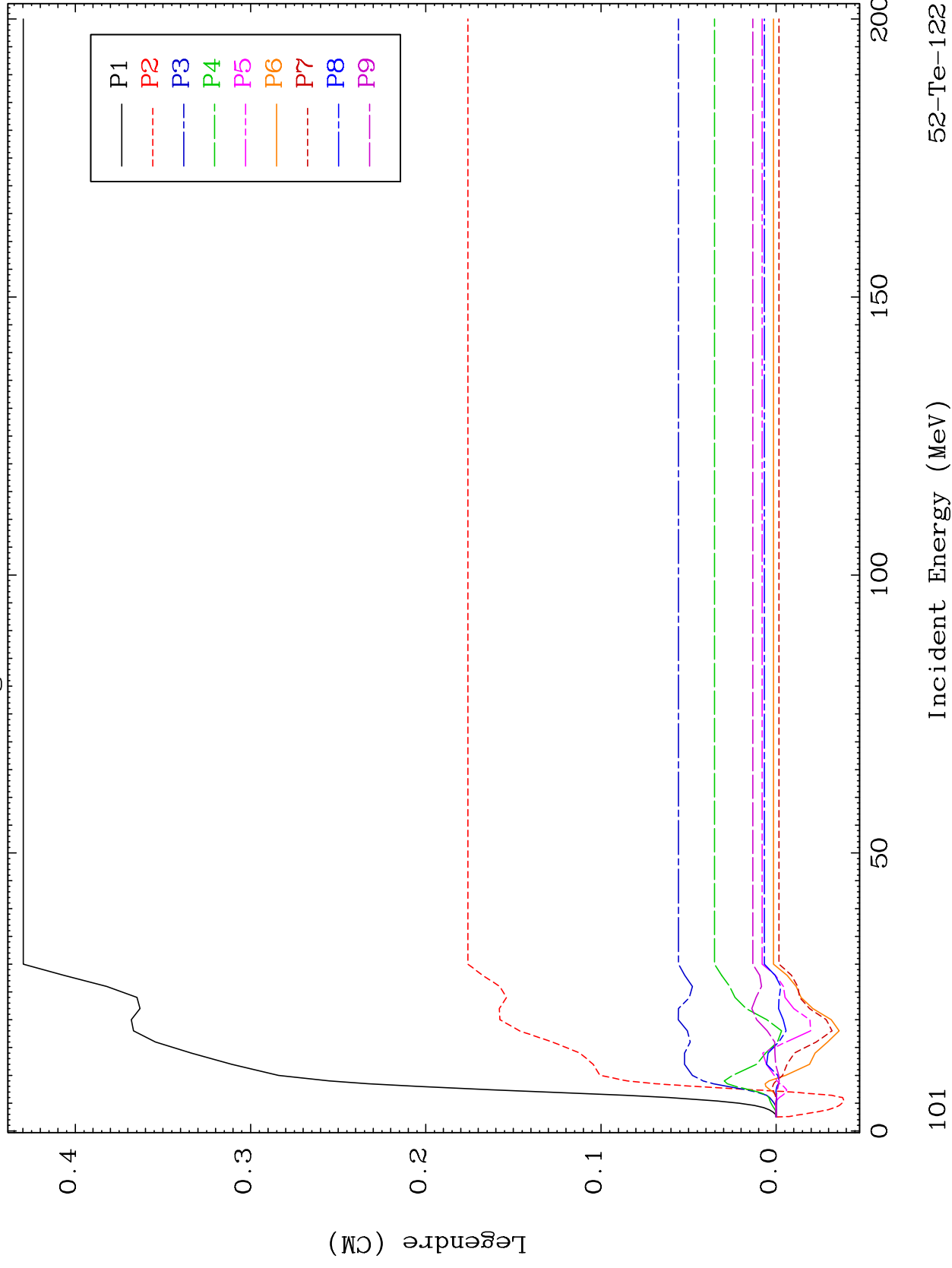


52-Te-122

MAT 5231

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

52-Te-122



52-Te-122

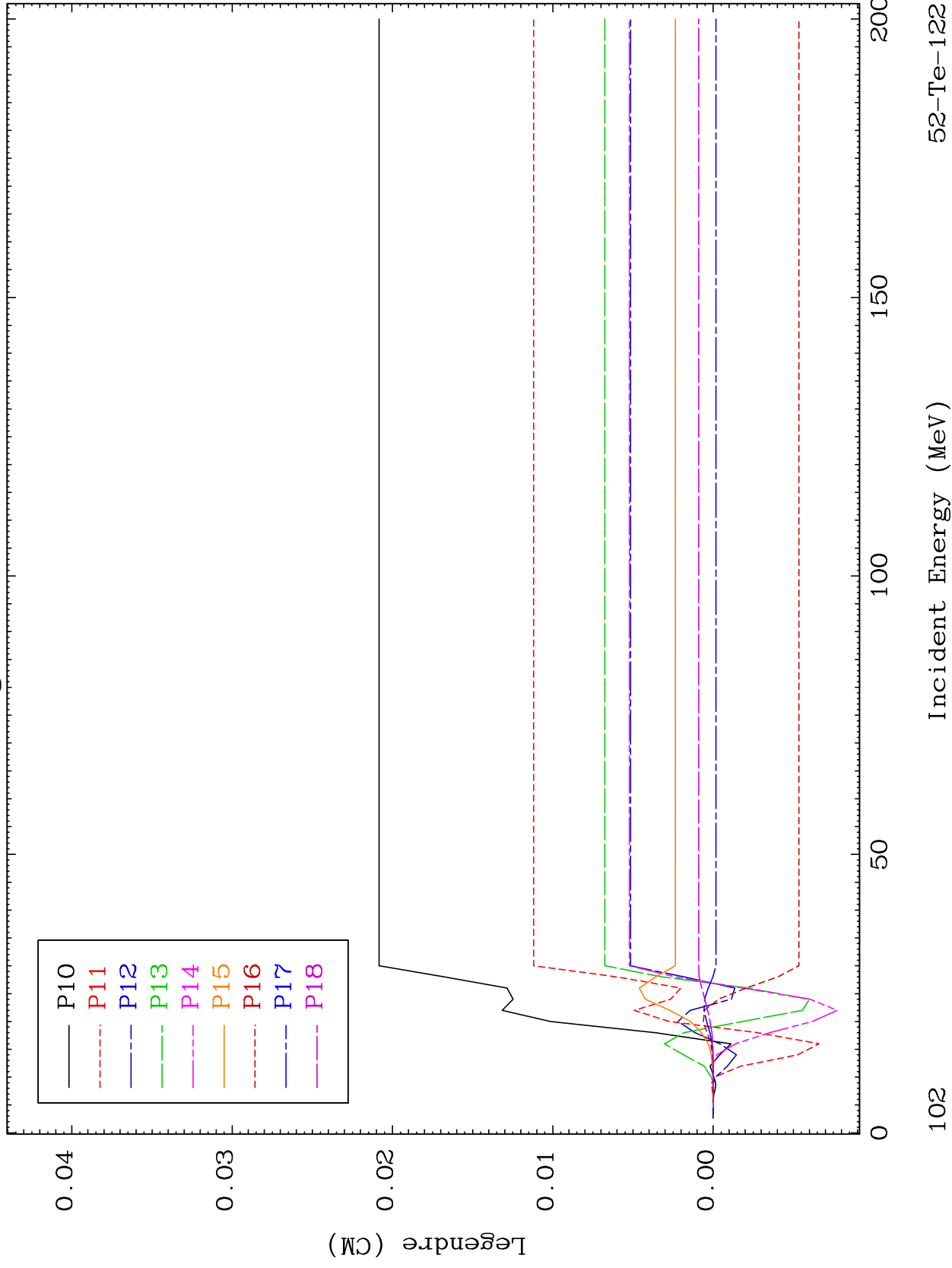
Incident Energy (MeV)

101

MAT 5231

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

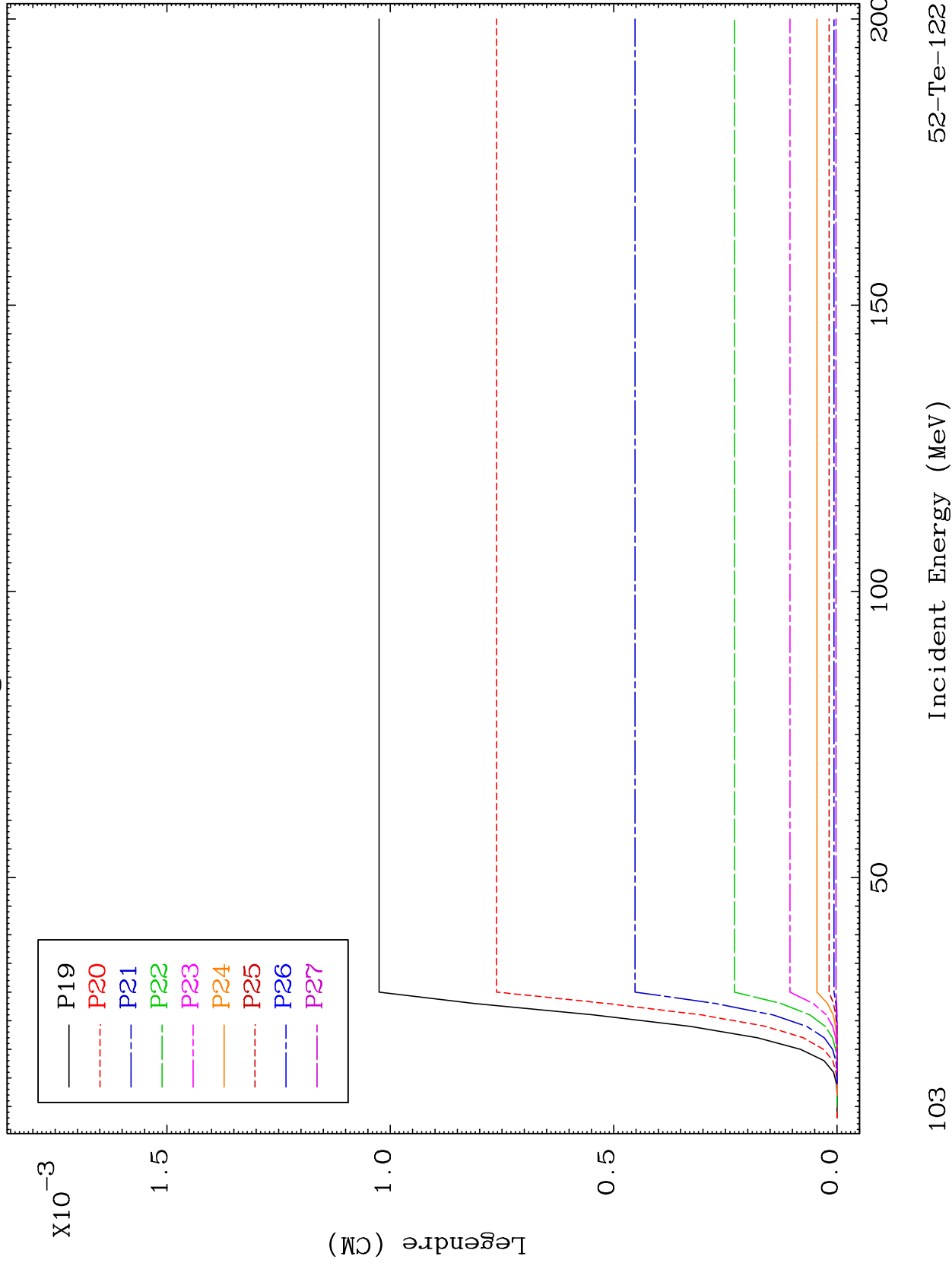
52-Te-122



MAT 5231

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

52-Te-122



103

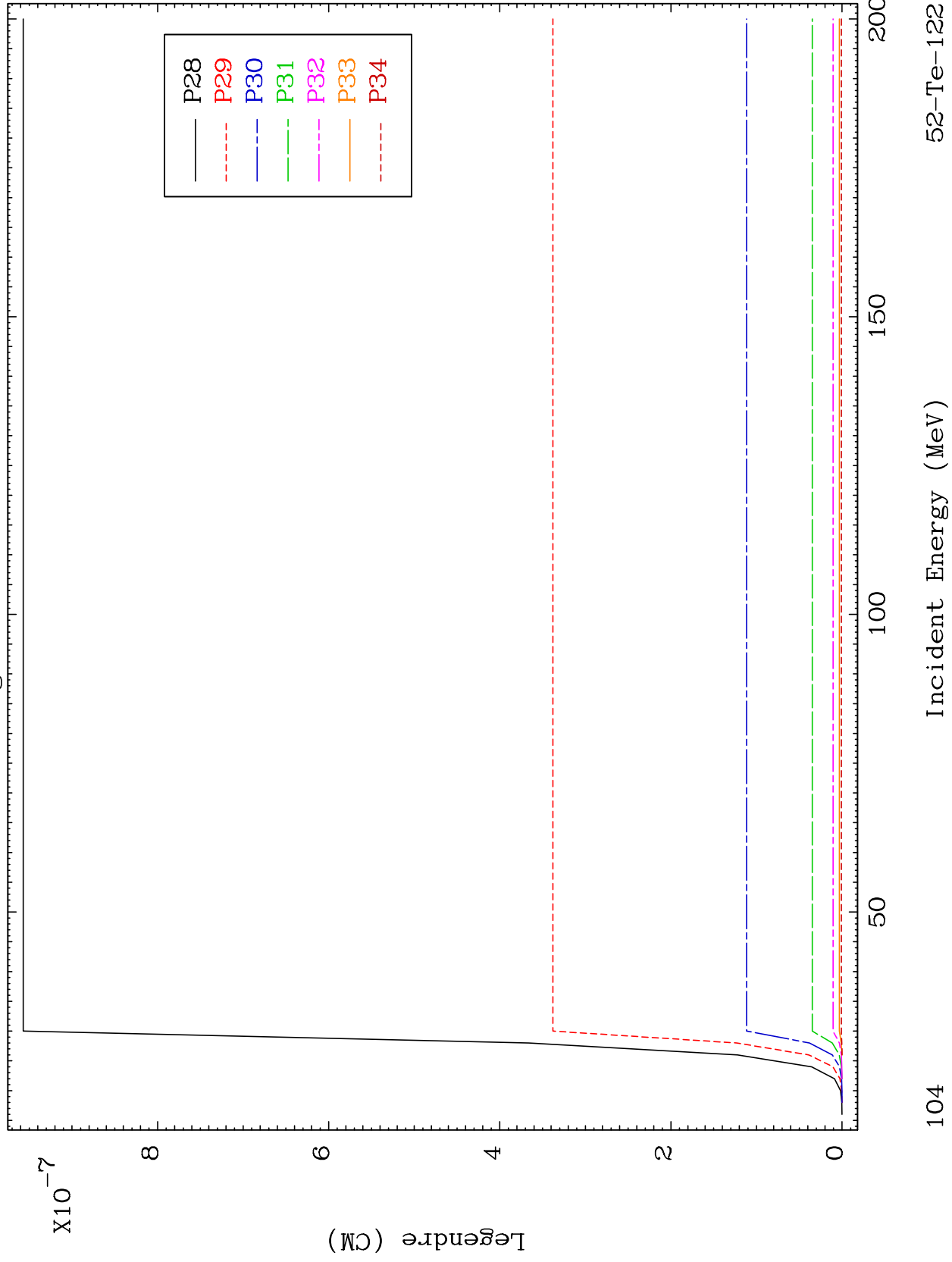
Incident Energy (MeV)

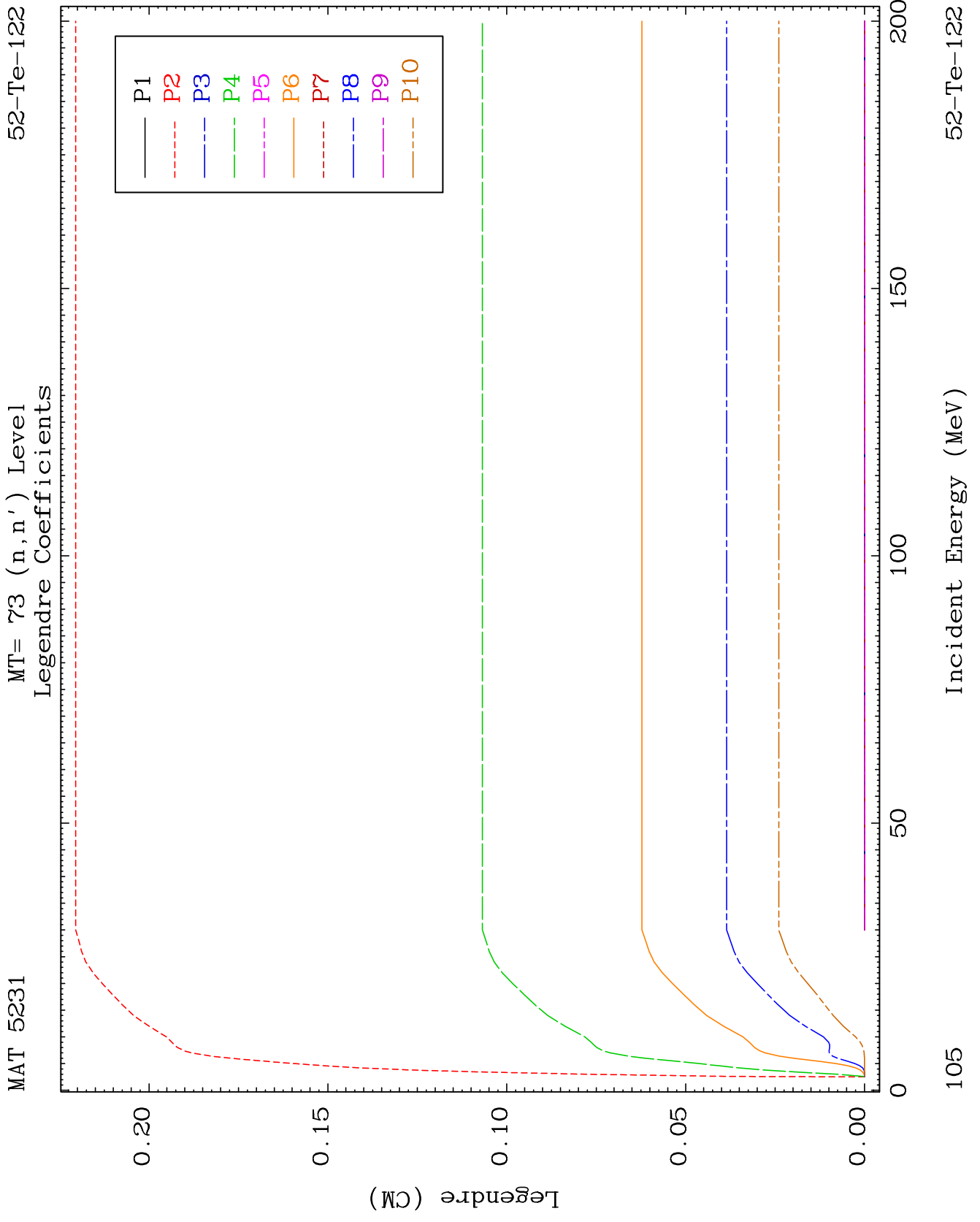
52-Te-122

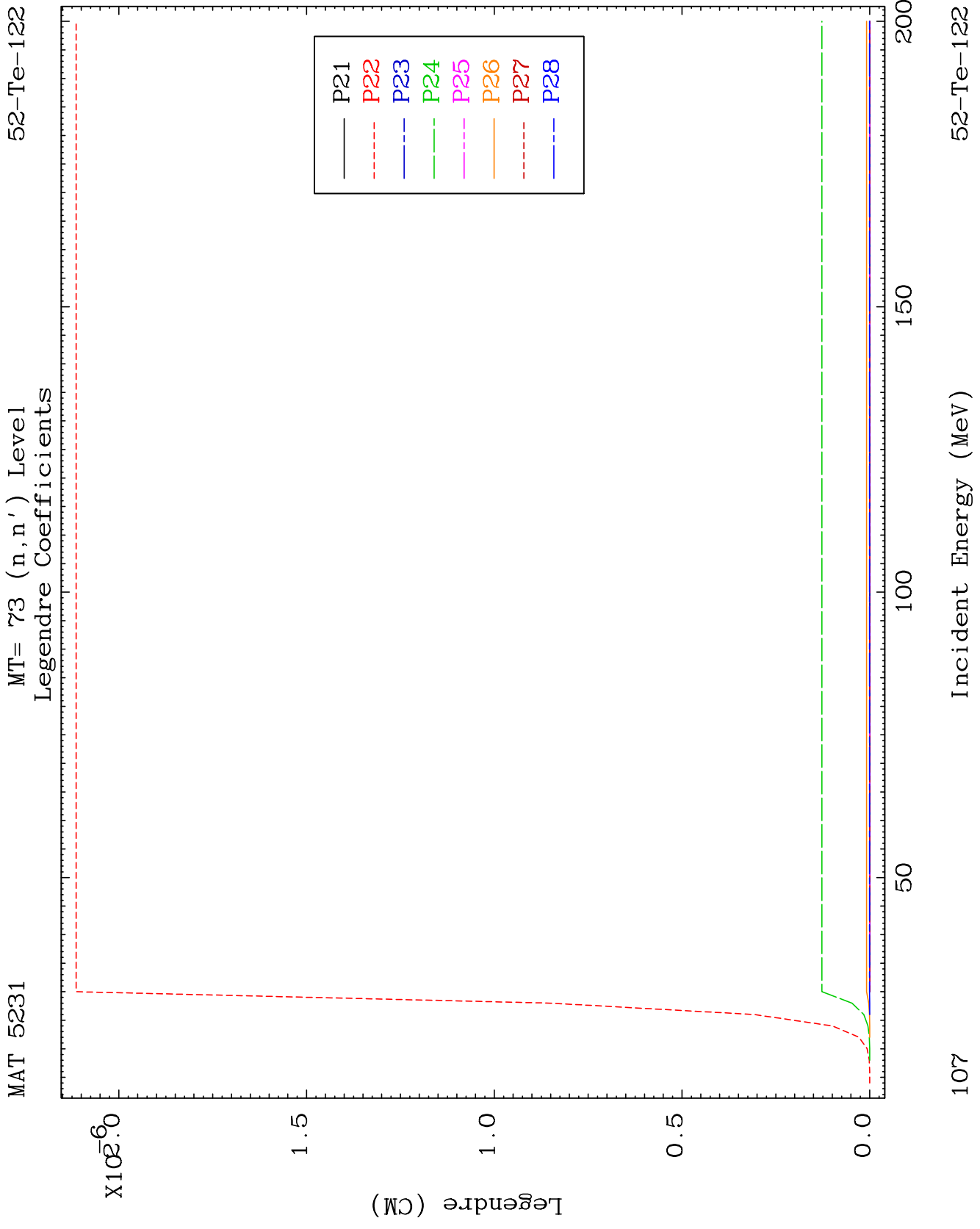
MAT 5231

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

52-Te-122



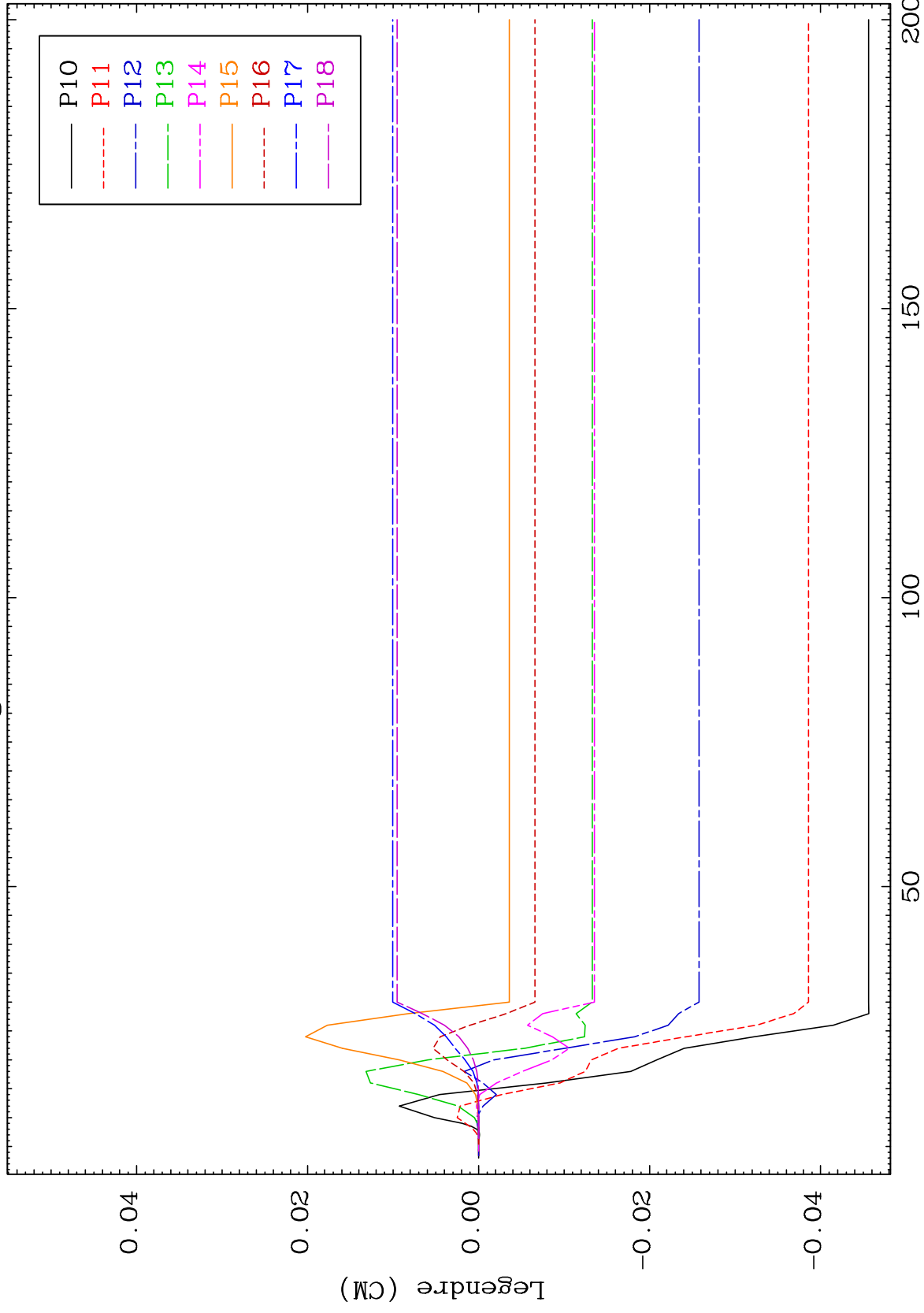




MAT 5231

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

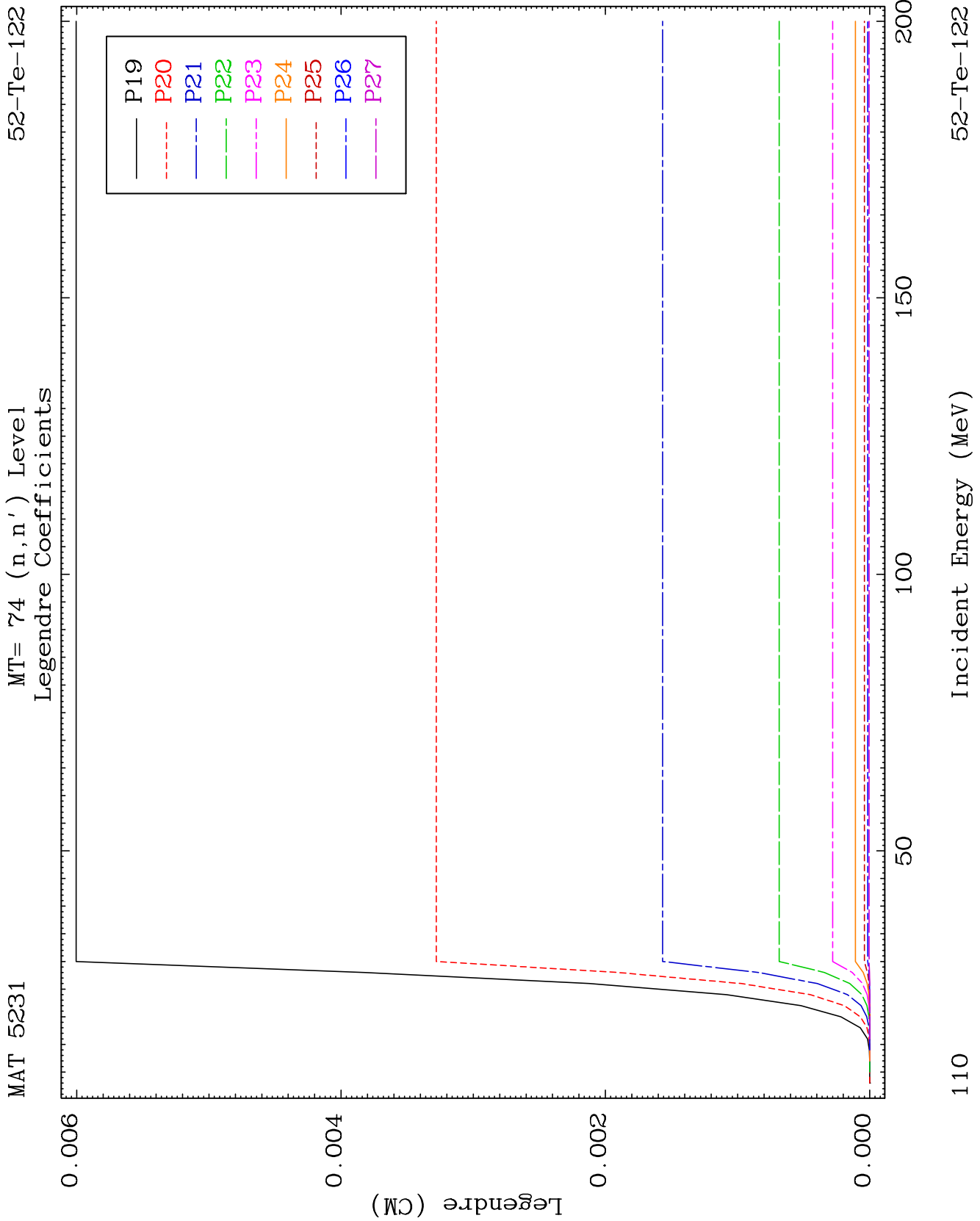
52-Te-122



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Incident Energy (MeV)

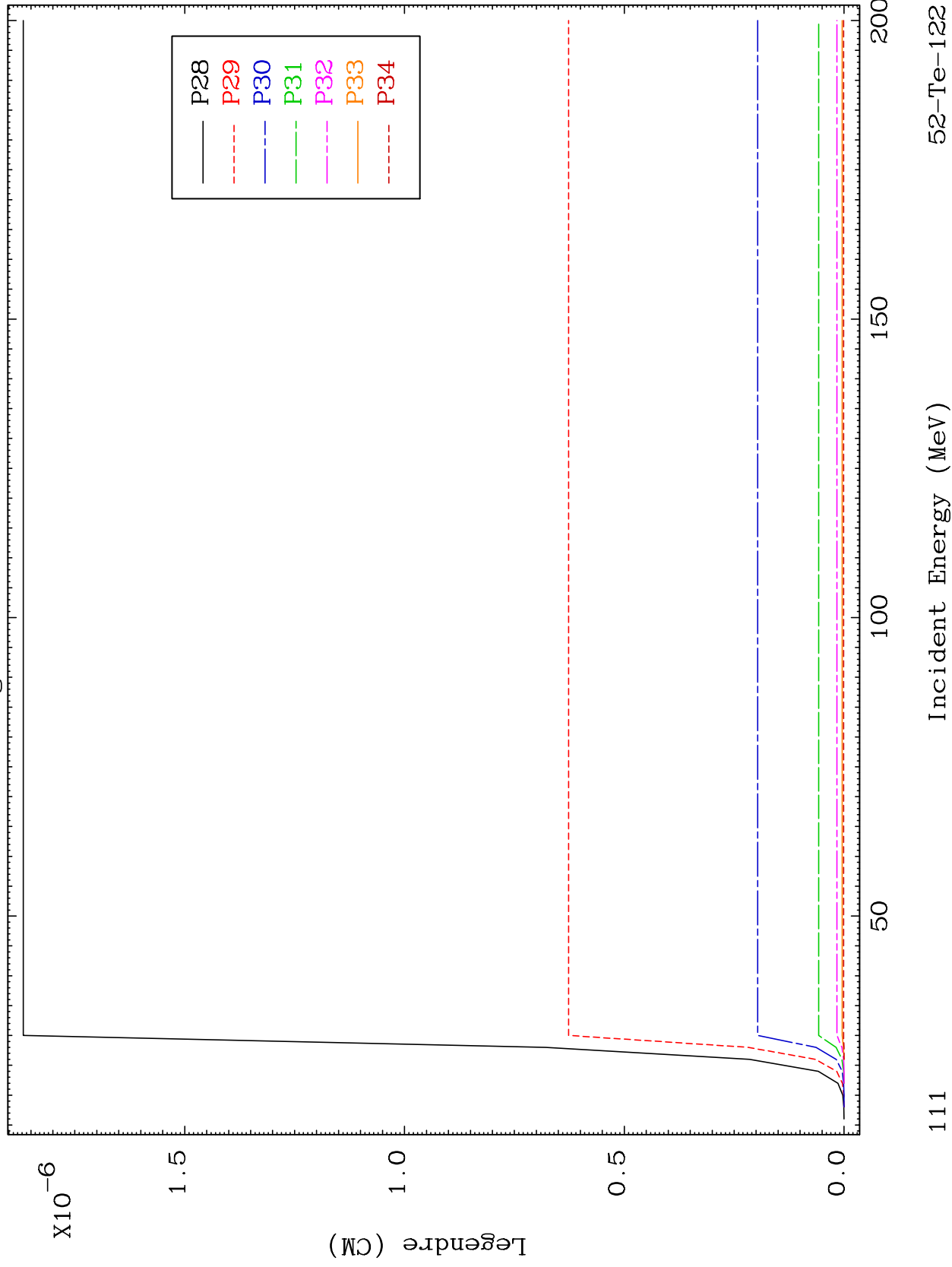
52-Te-122



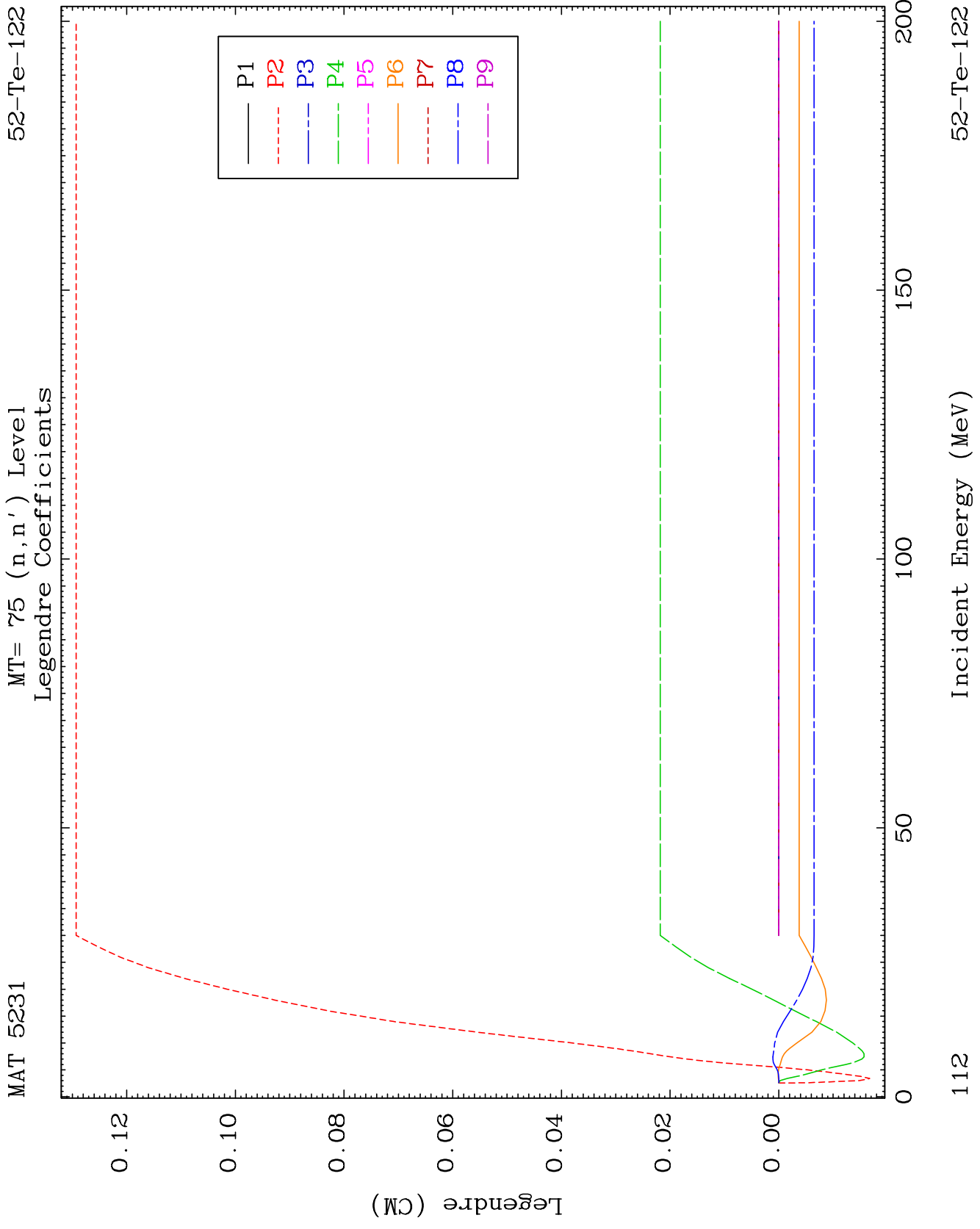
MAT 5231

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

52-Te-122



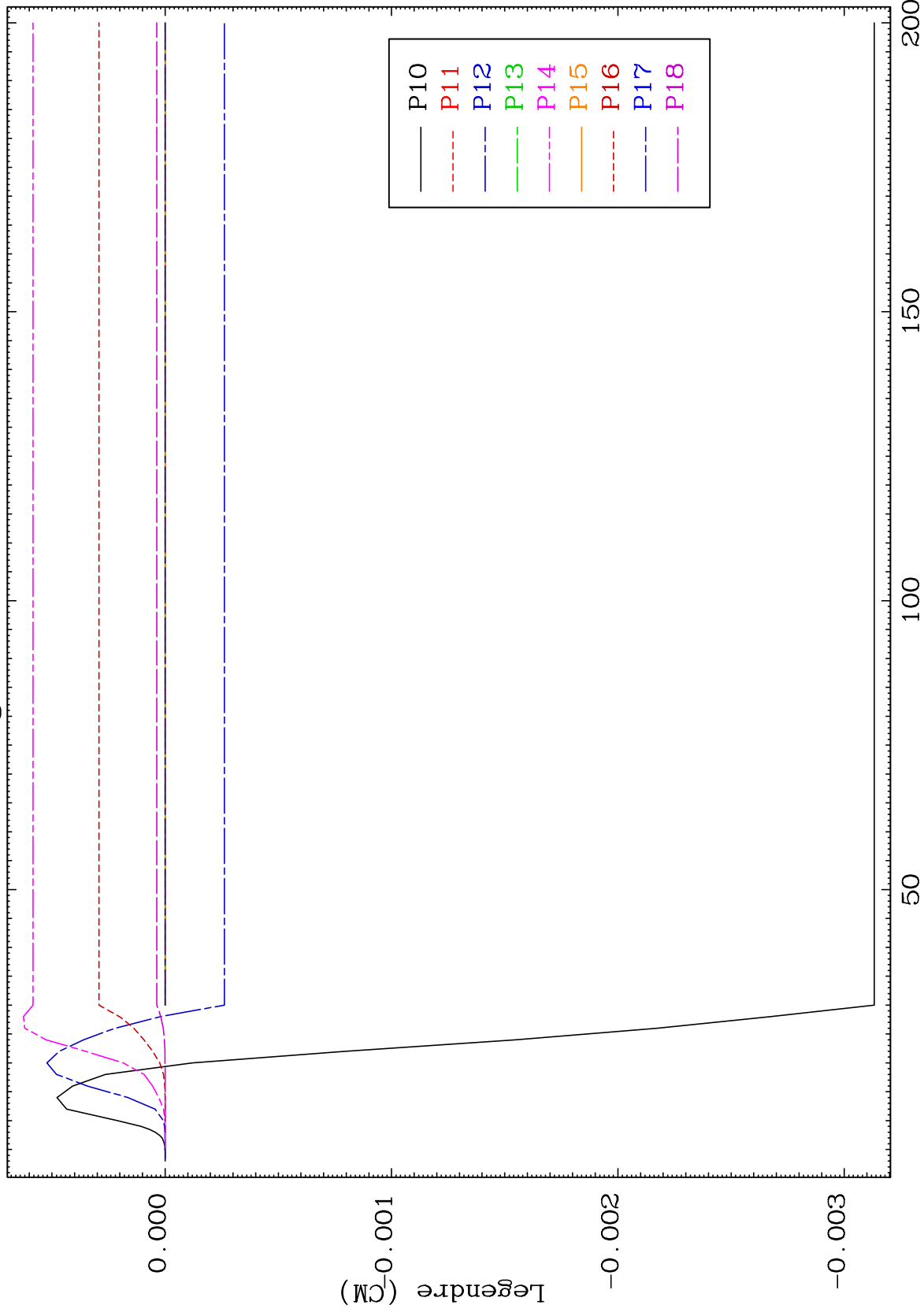
111



MAT 5231

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

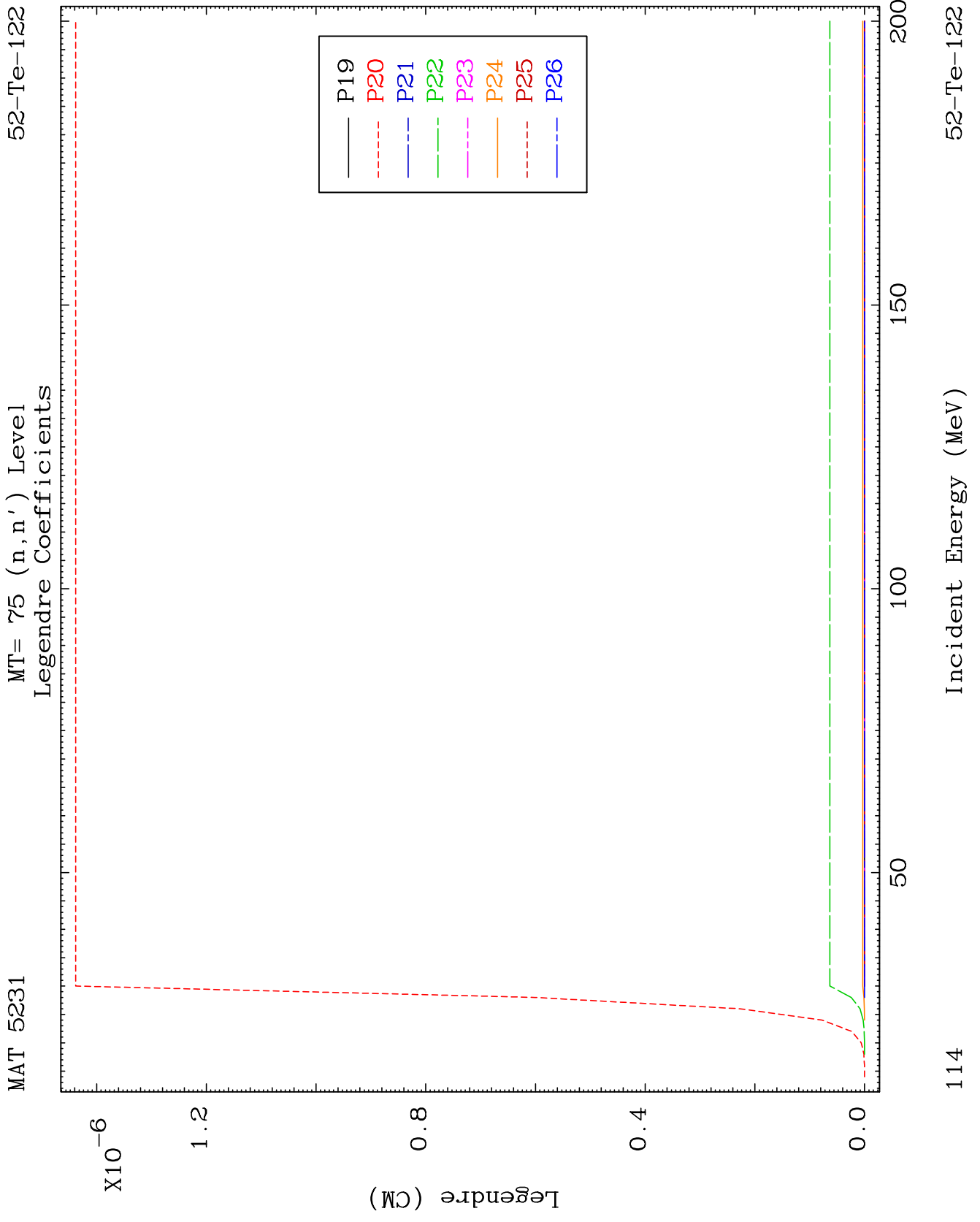
52-Te-122



113

Incident Energy (MeV)

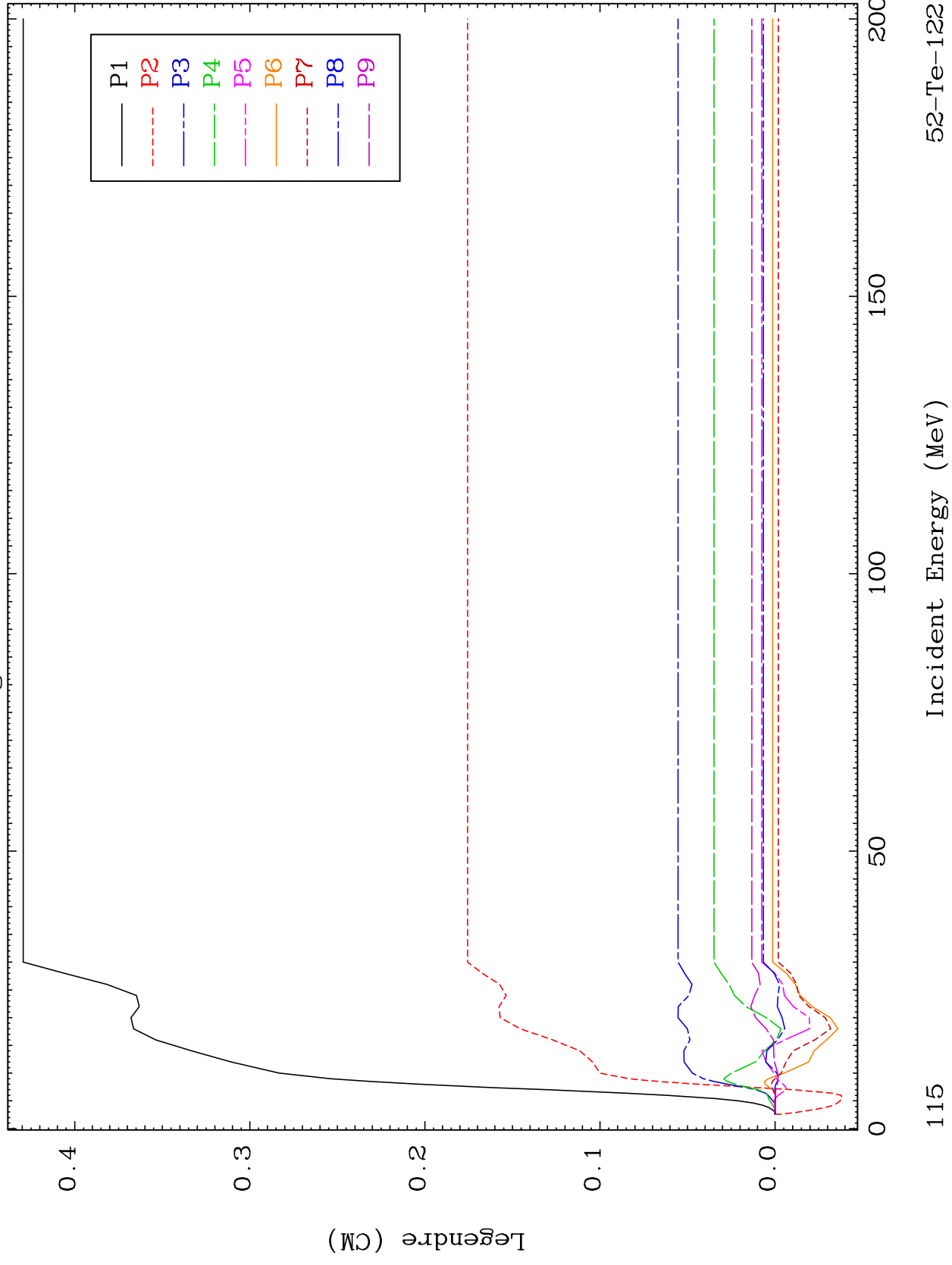
52-Te-122



MAT 5231

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

52-Te-122



52-Te-122

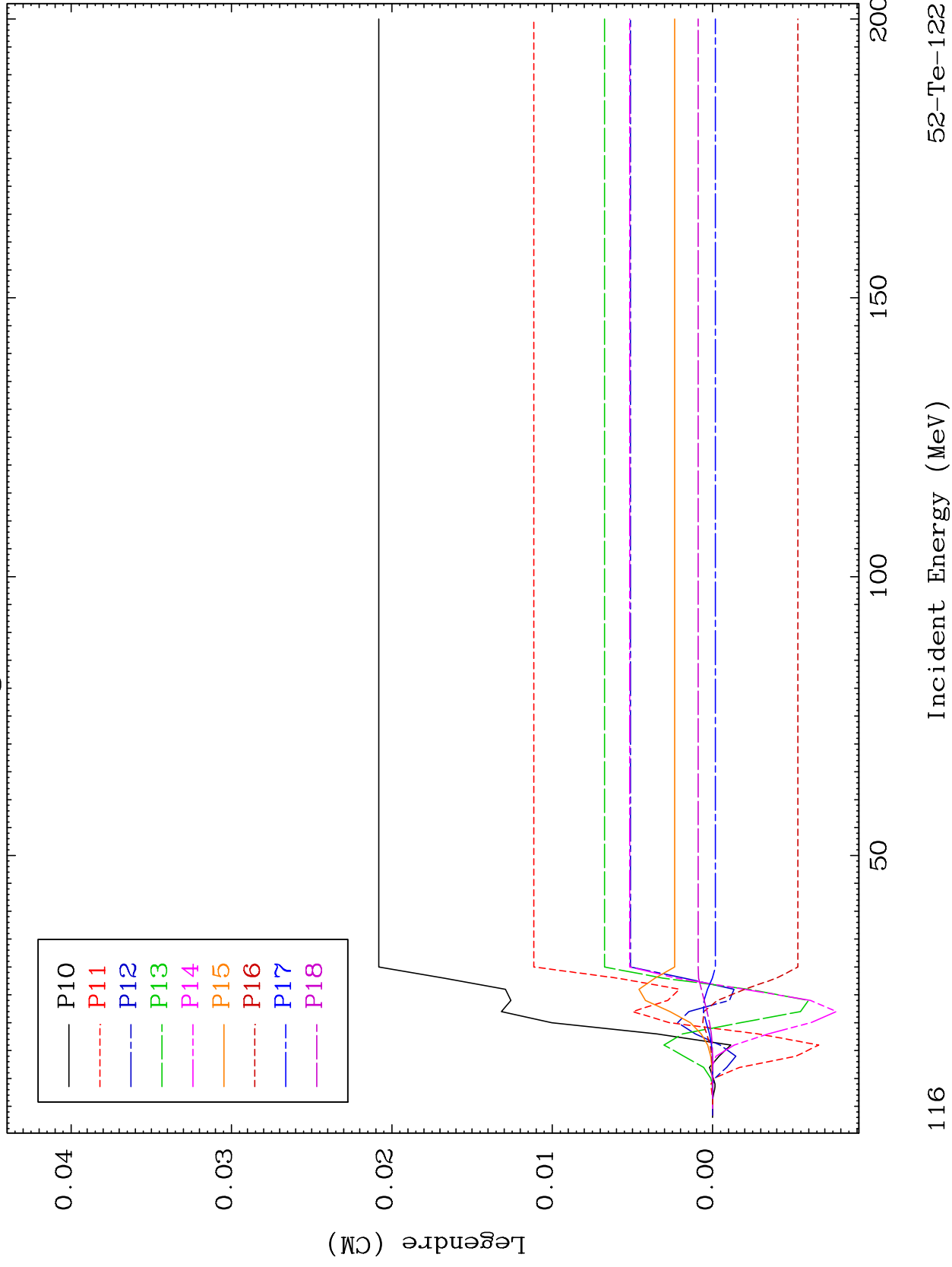
Incident Energy (MeV)

115

MAT 5231

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

52-Te-122



116

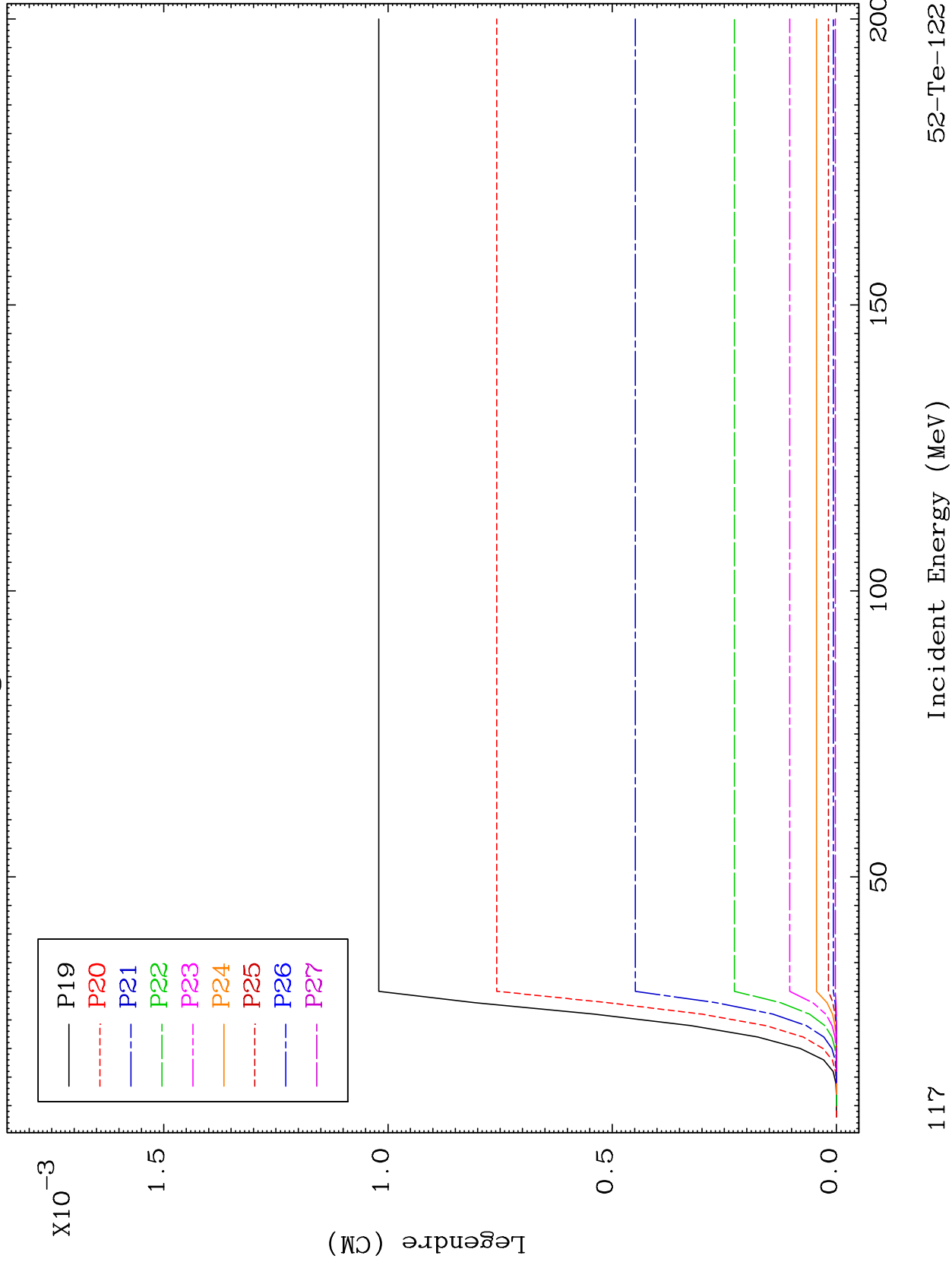
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



117

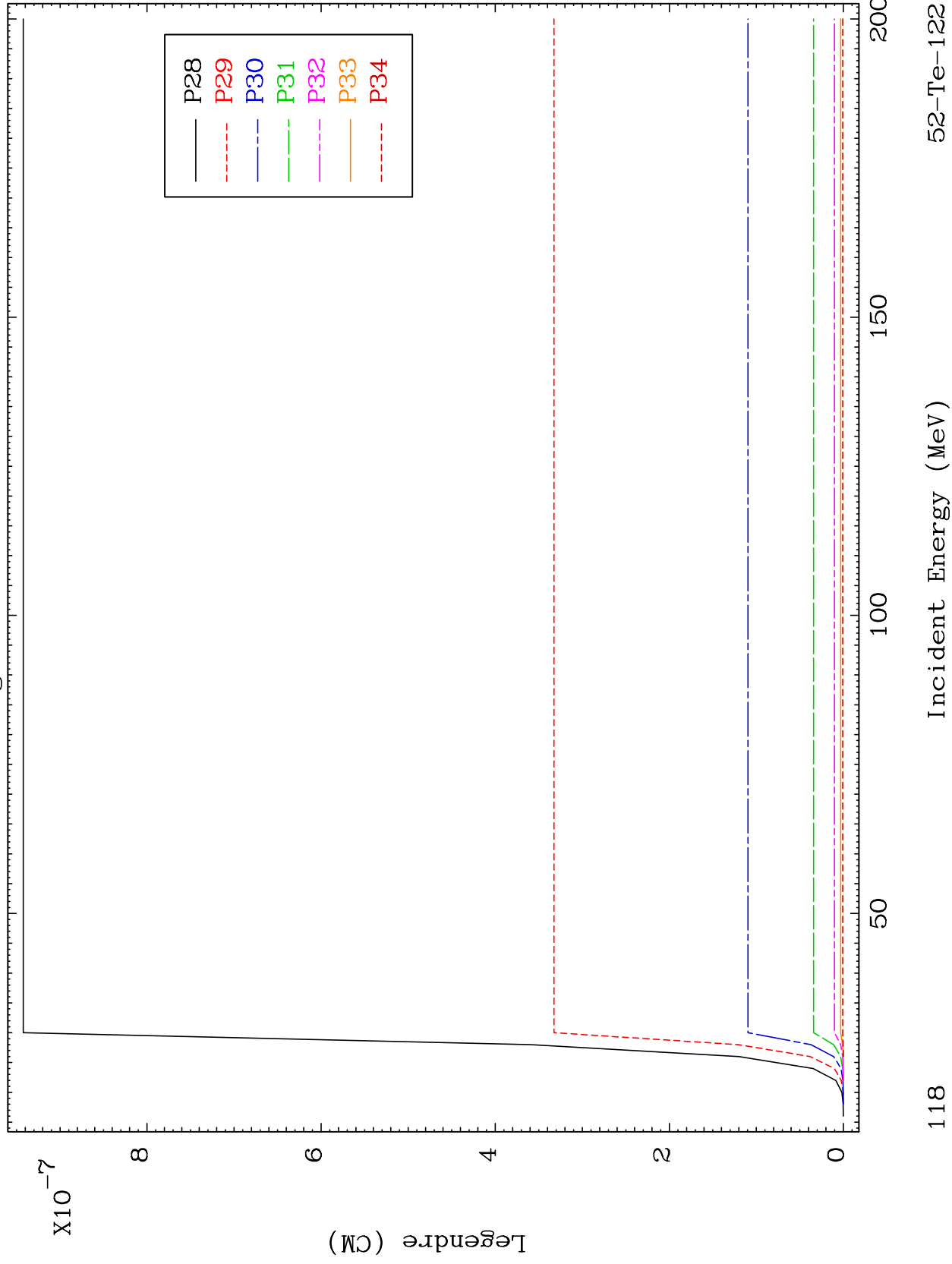
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122

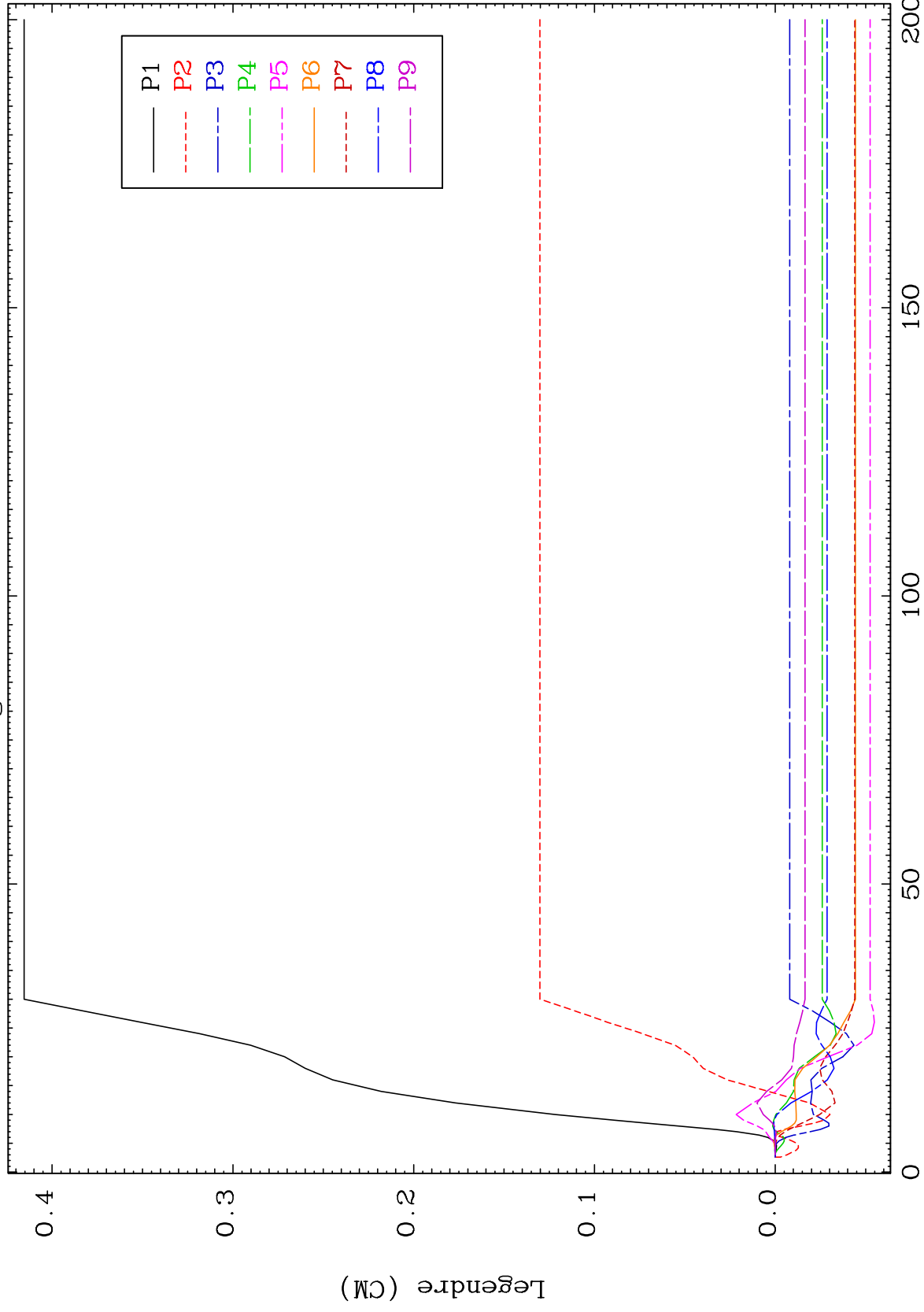


118

MAT 5231

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

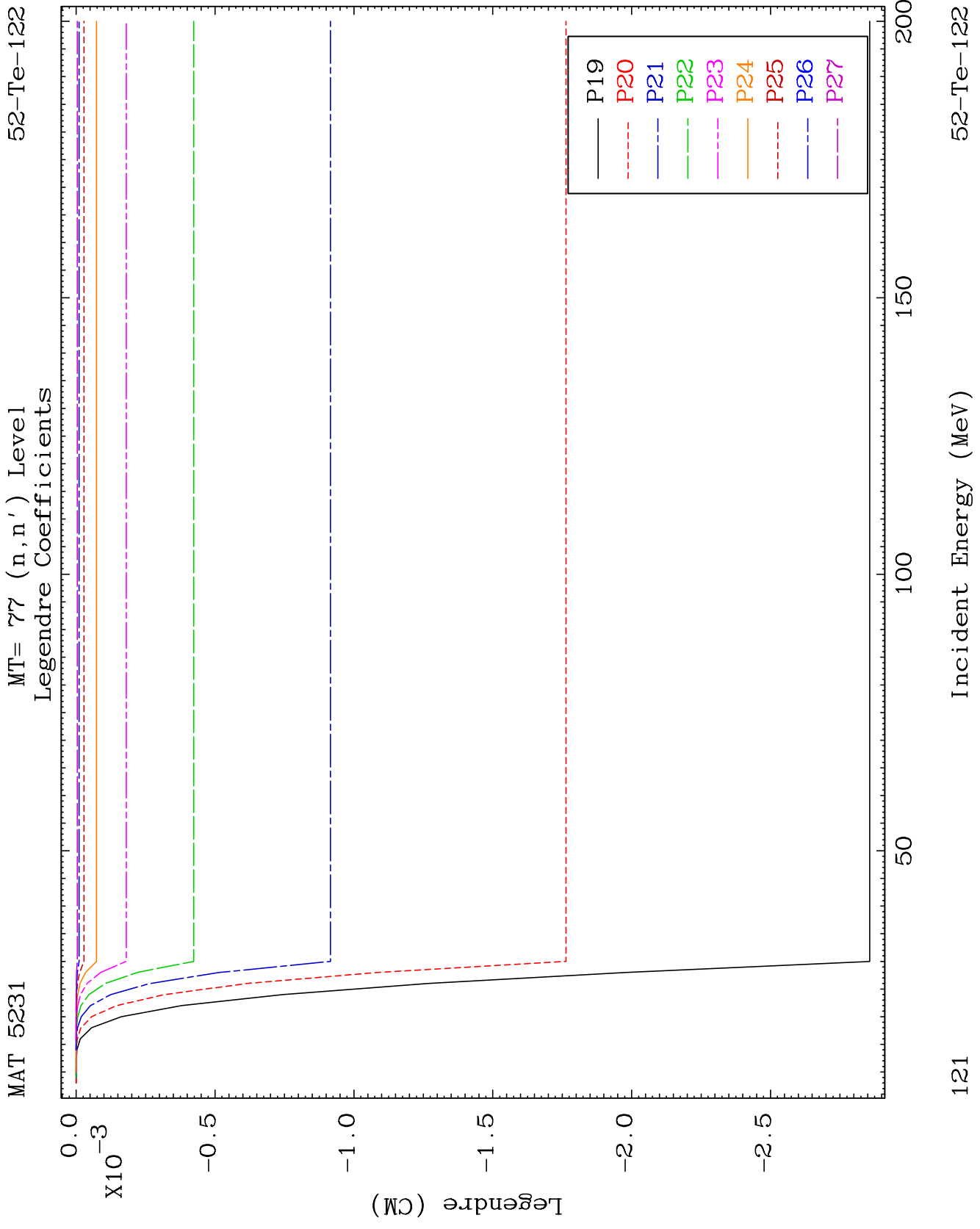
52-Te-122

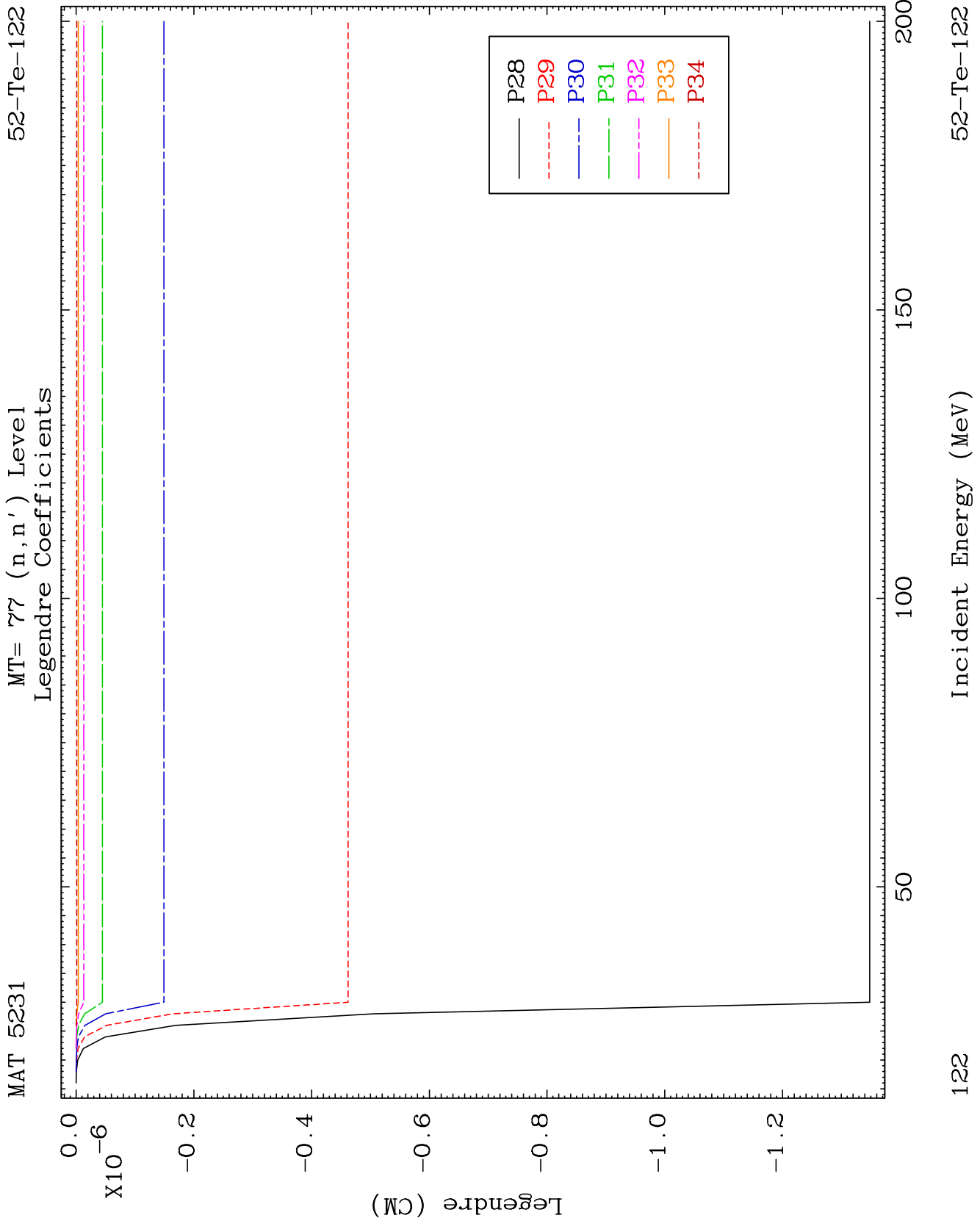


119

Incident Energy (MeV)

52-Te-122

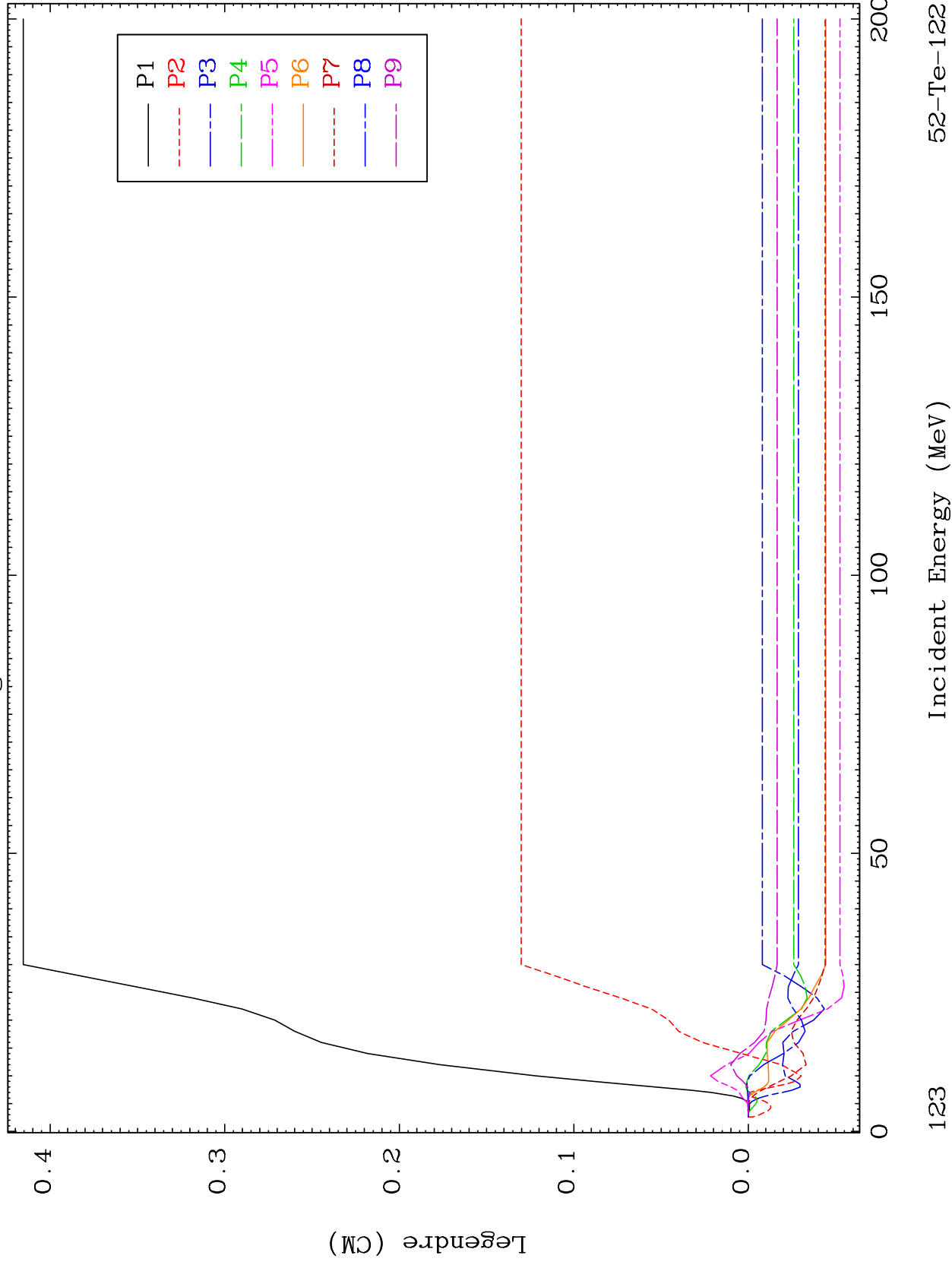




MAT 5231

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

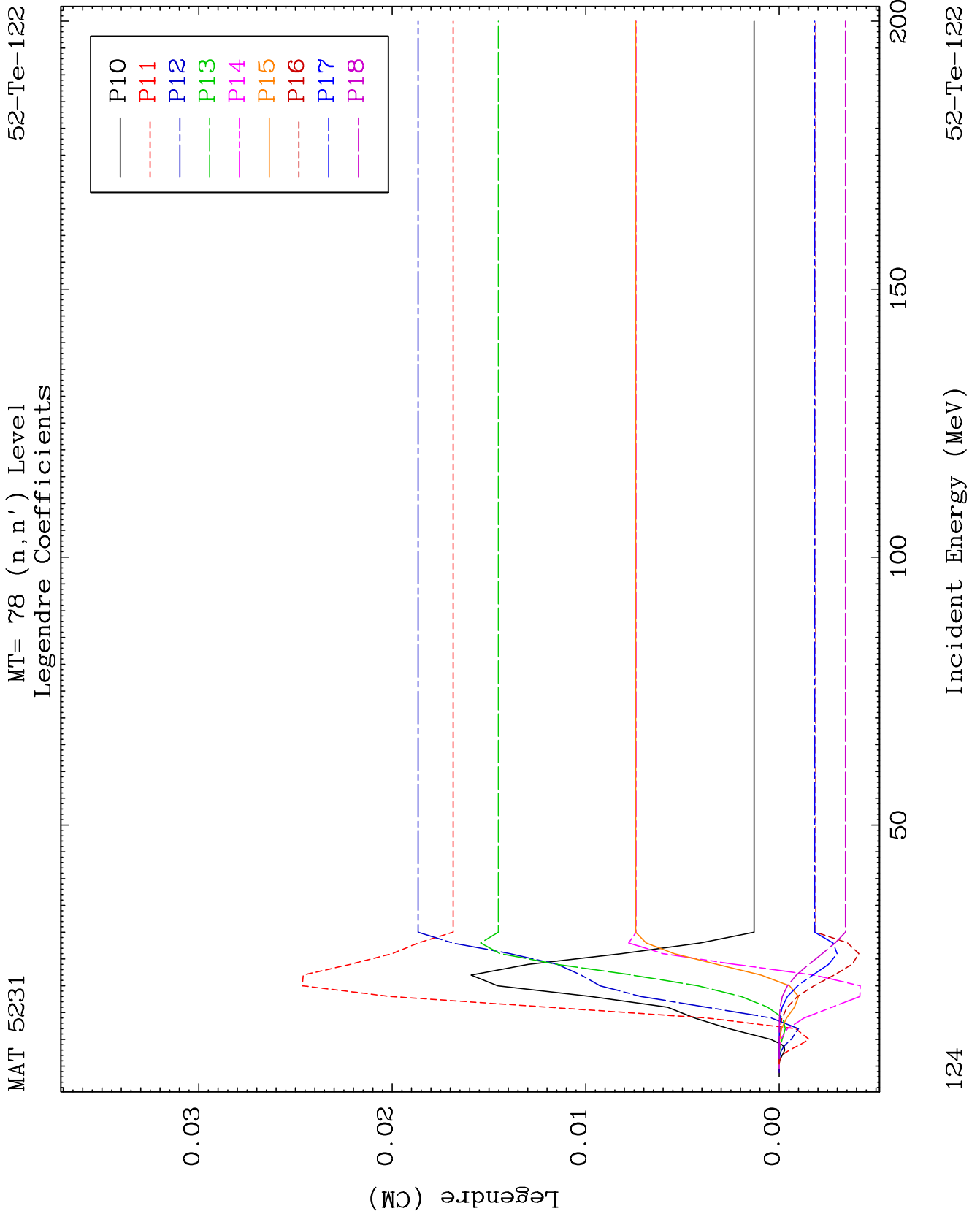
52-Te-122

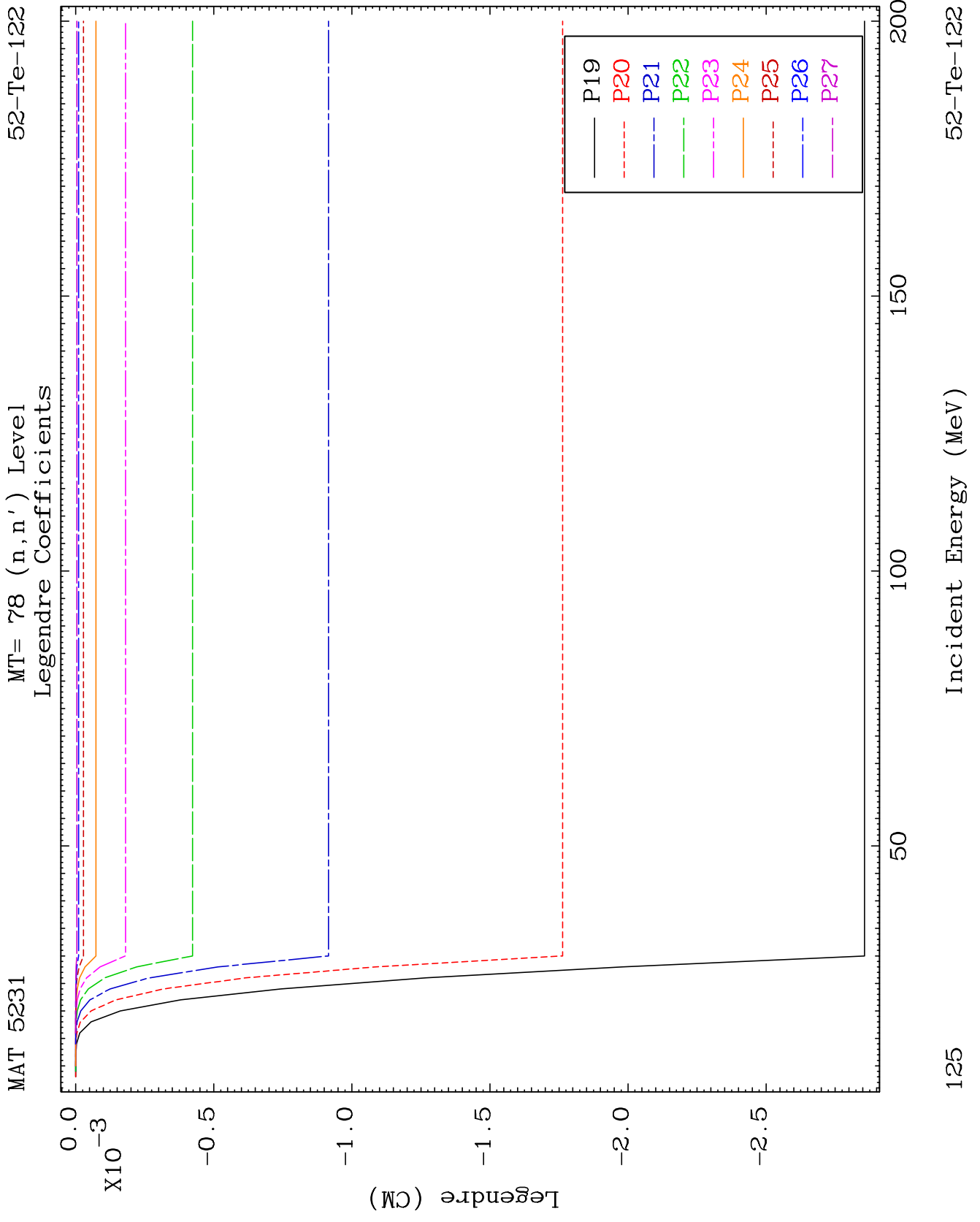


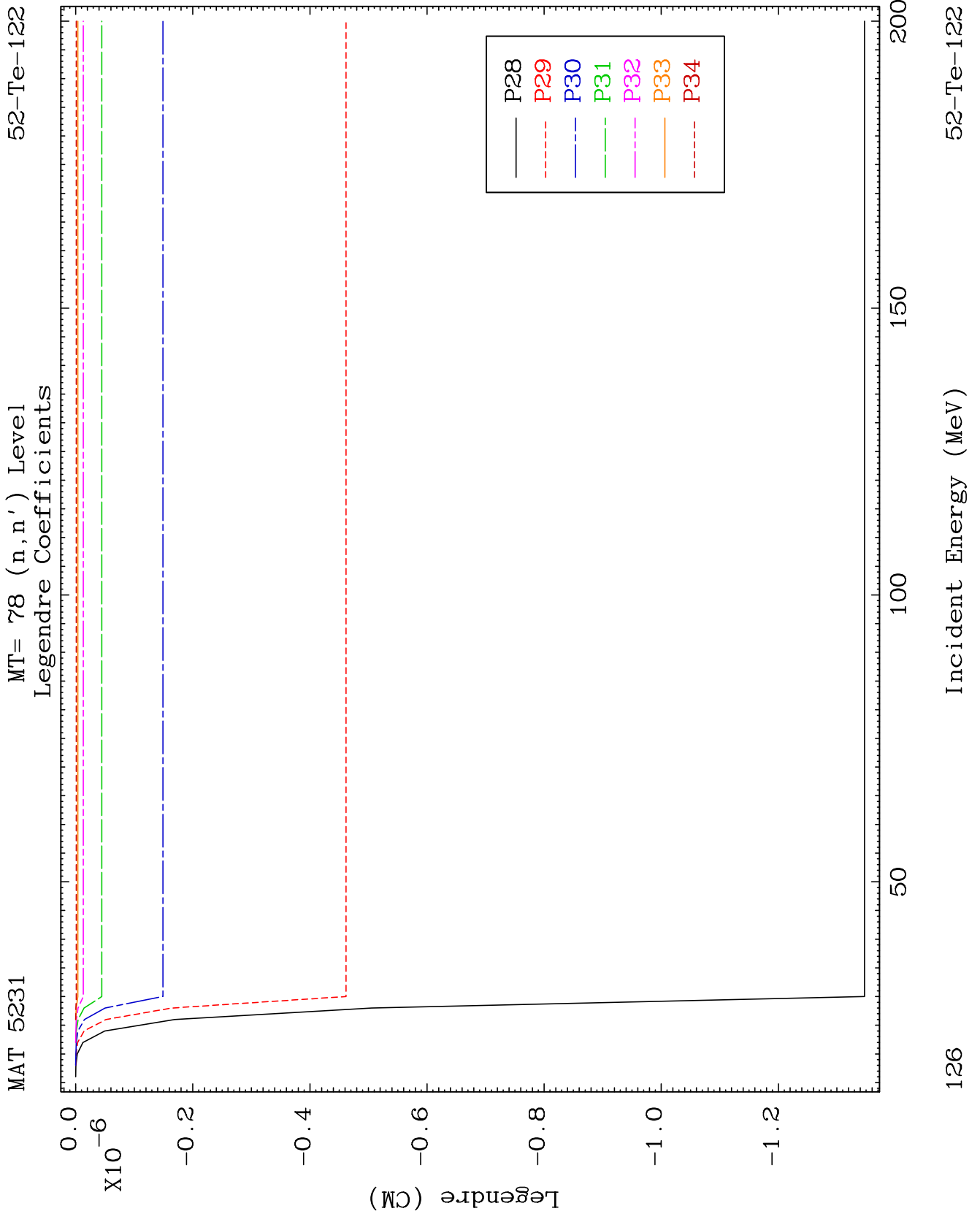
123

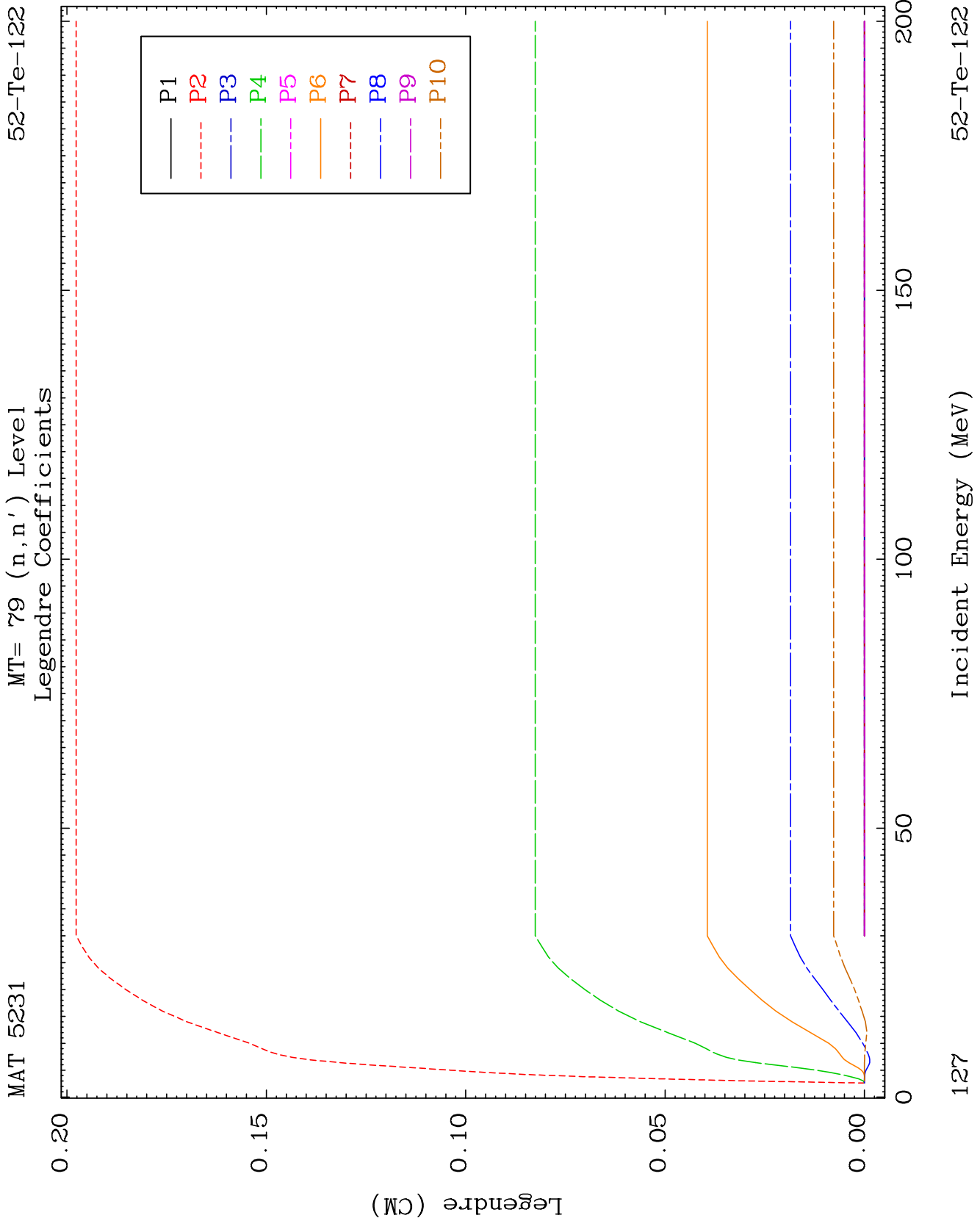
Incident Energy (MeV)

52-Te-122





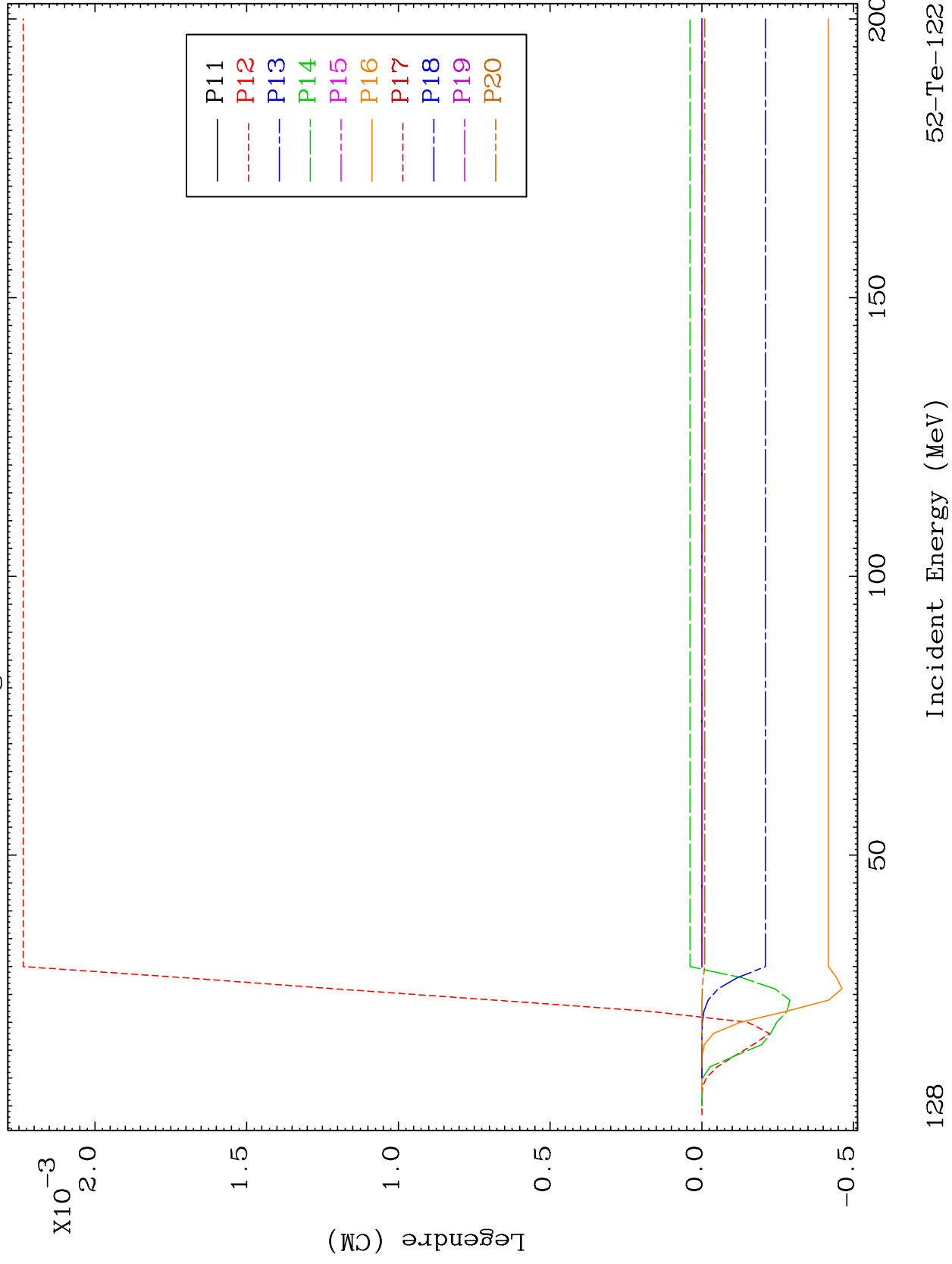




MAT 5231

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

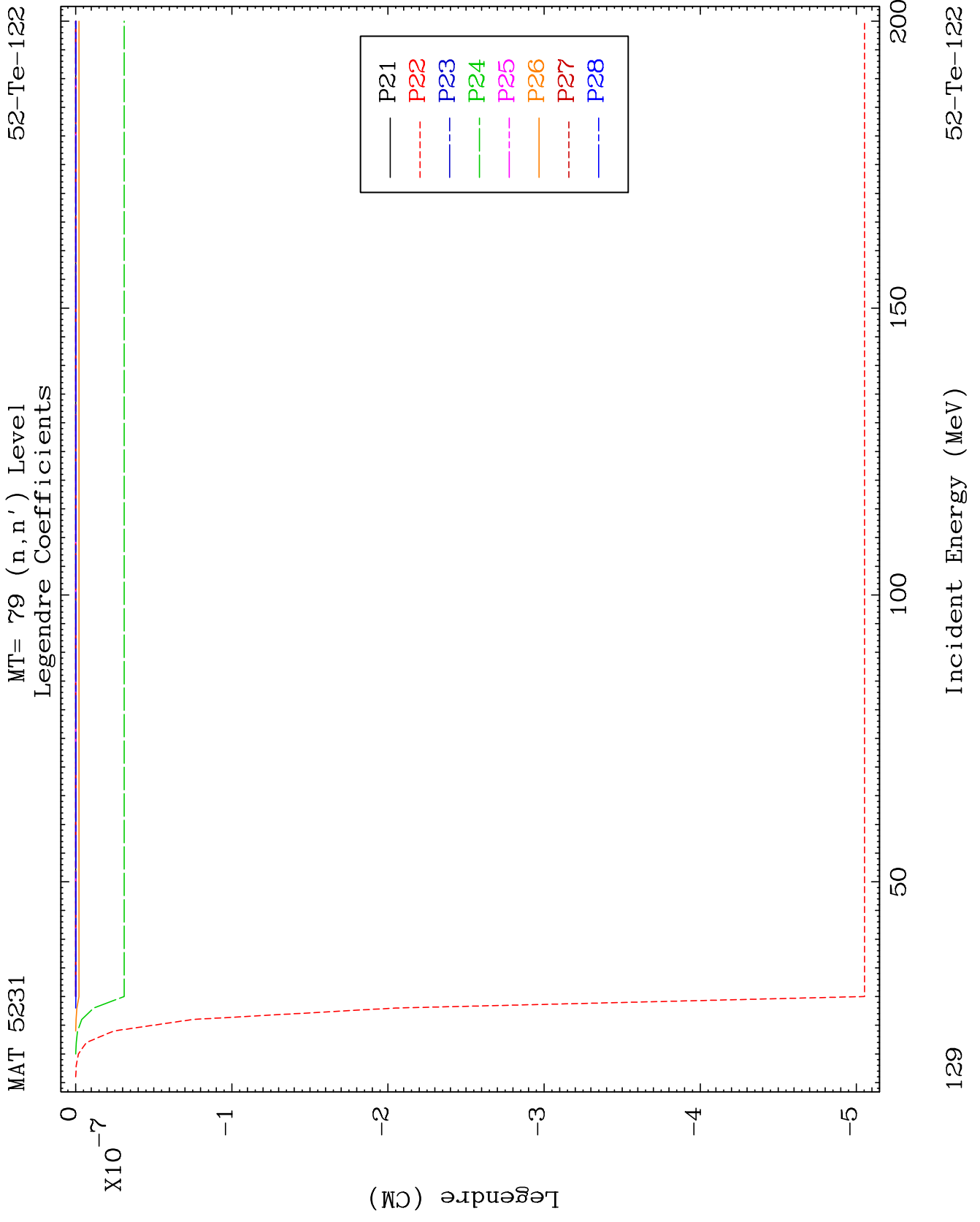
52-Te-122

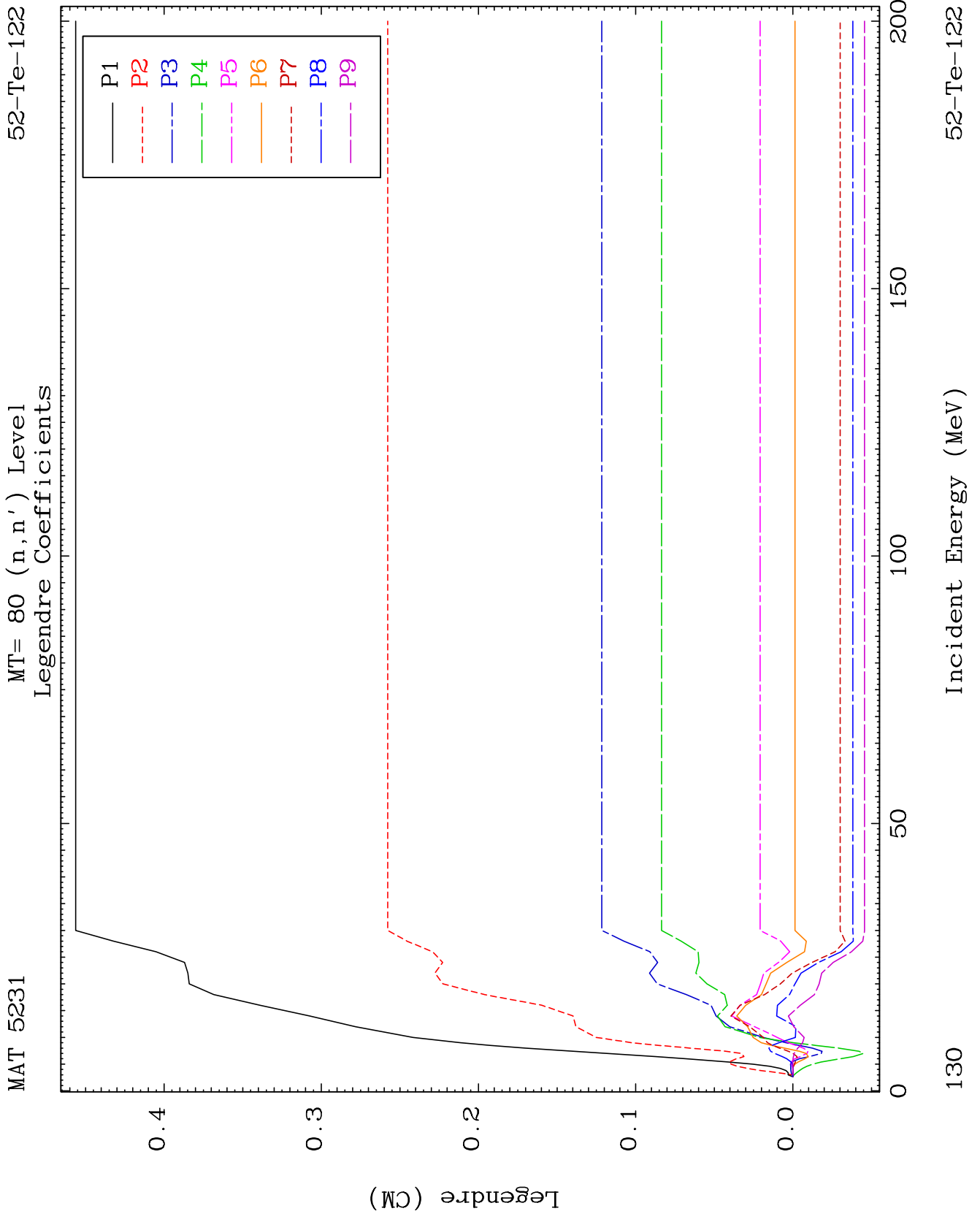


128

Incident Energy (MeV)

52-Te-122

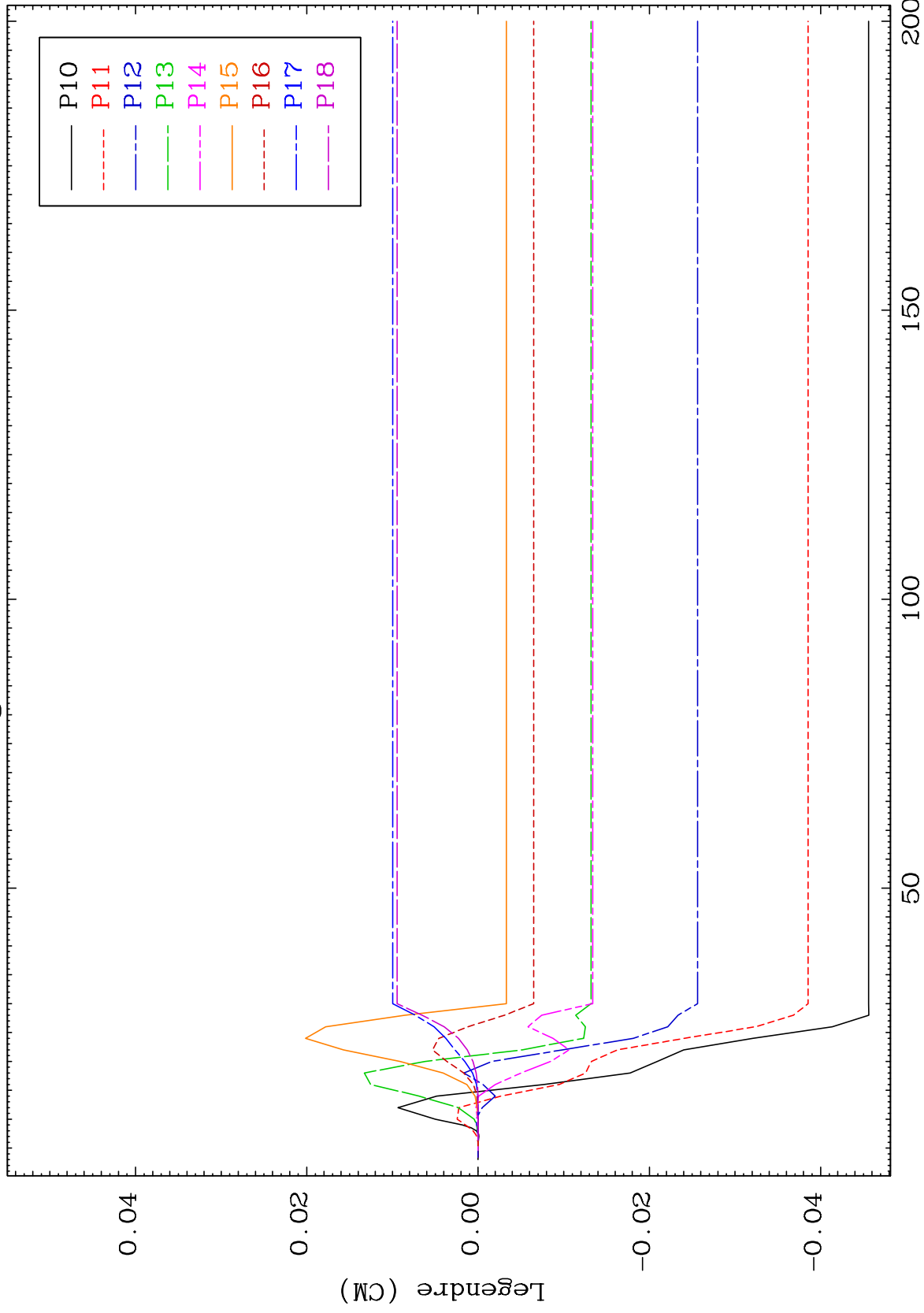




MAT 5231

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

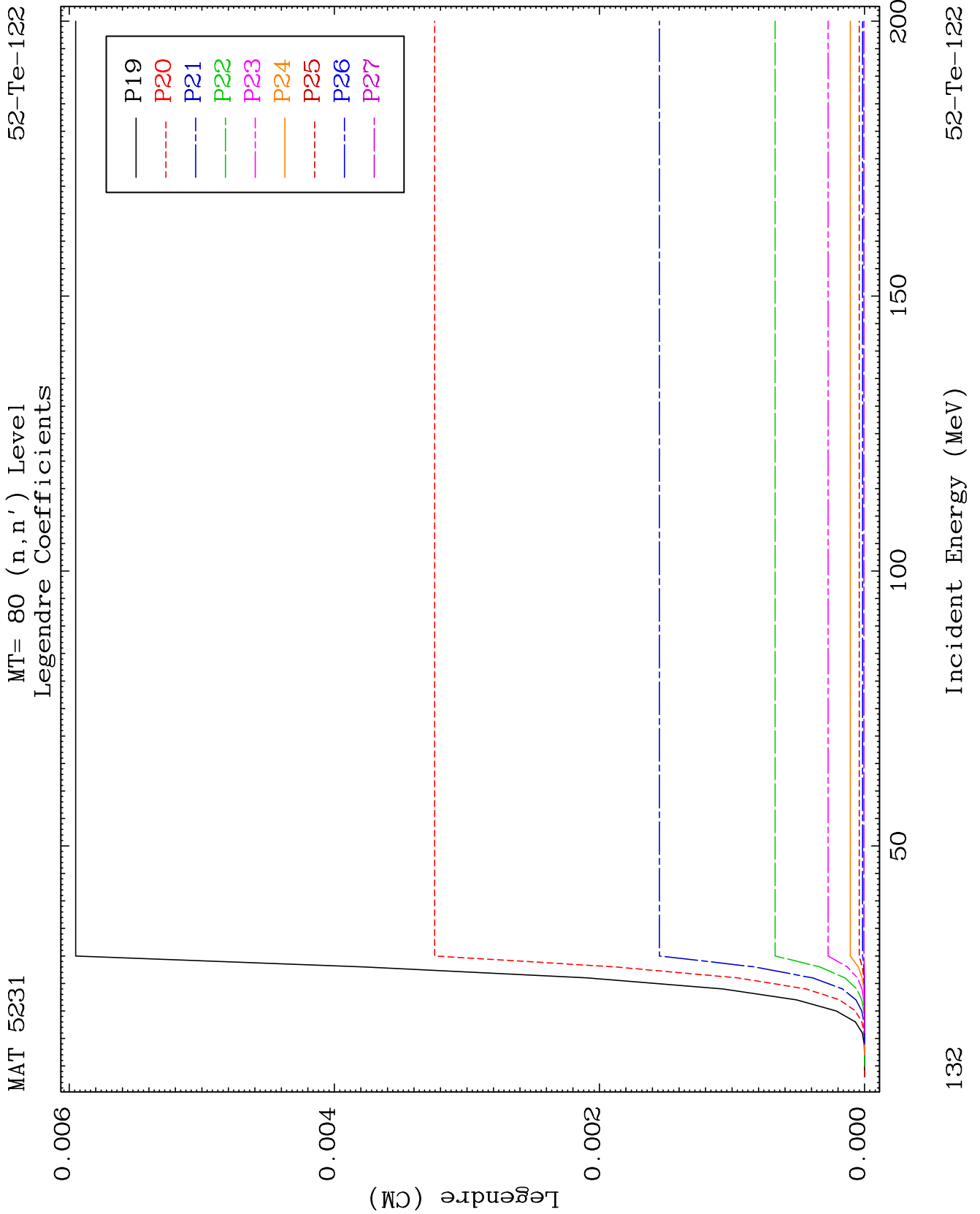
52-Te-122



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Incident Energy (MeV)

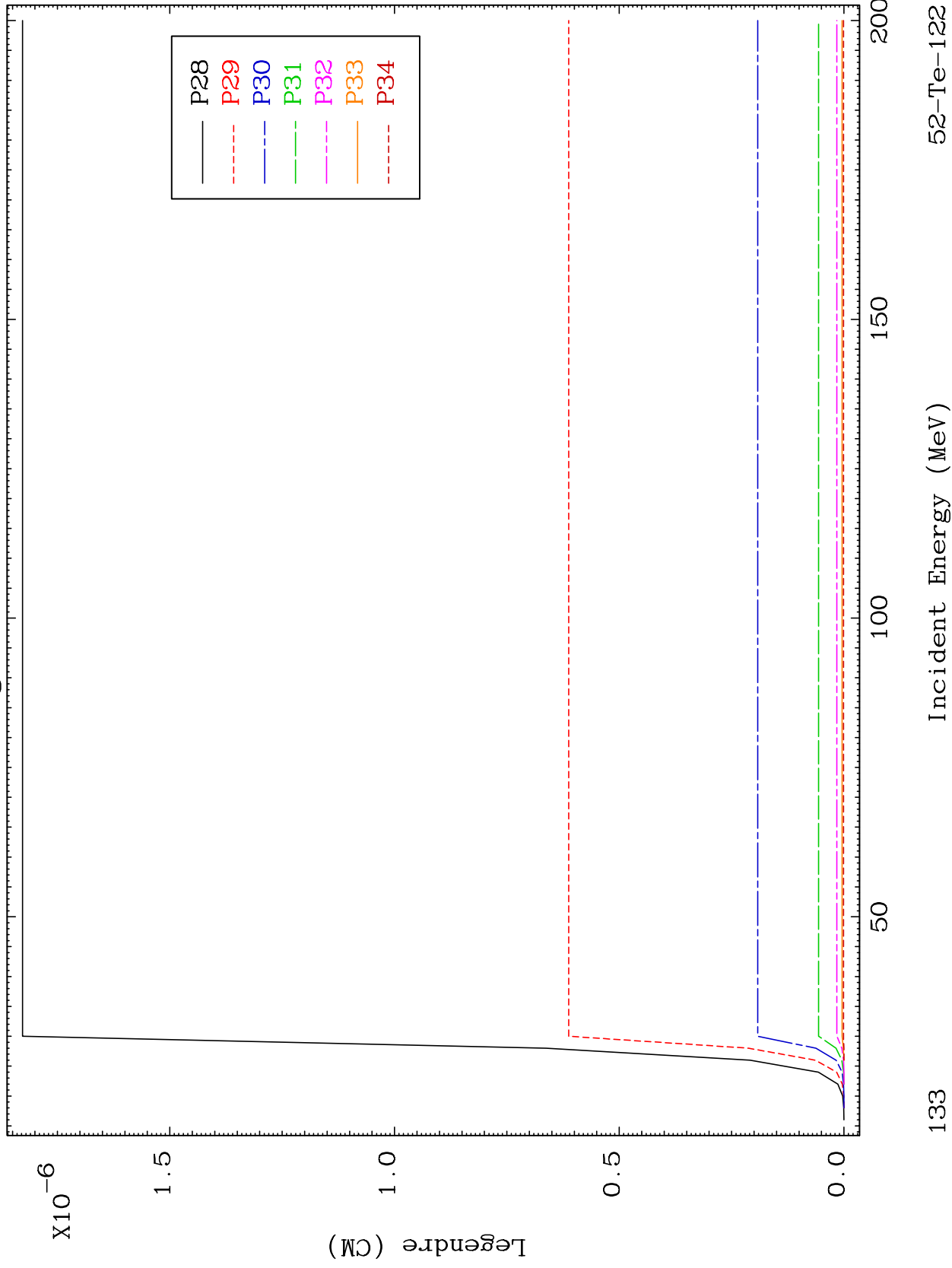
52-Te-122



MAT 5231

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

52-Te-122

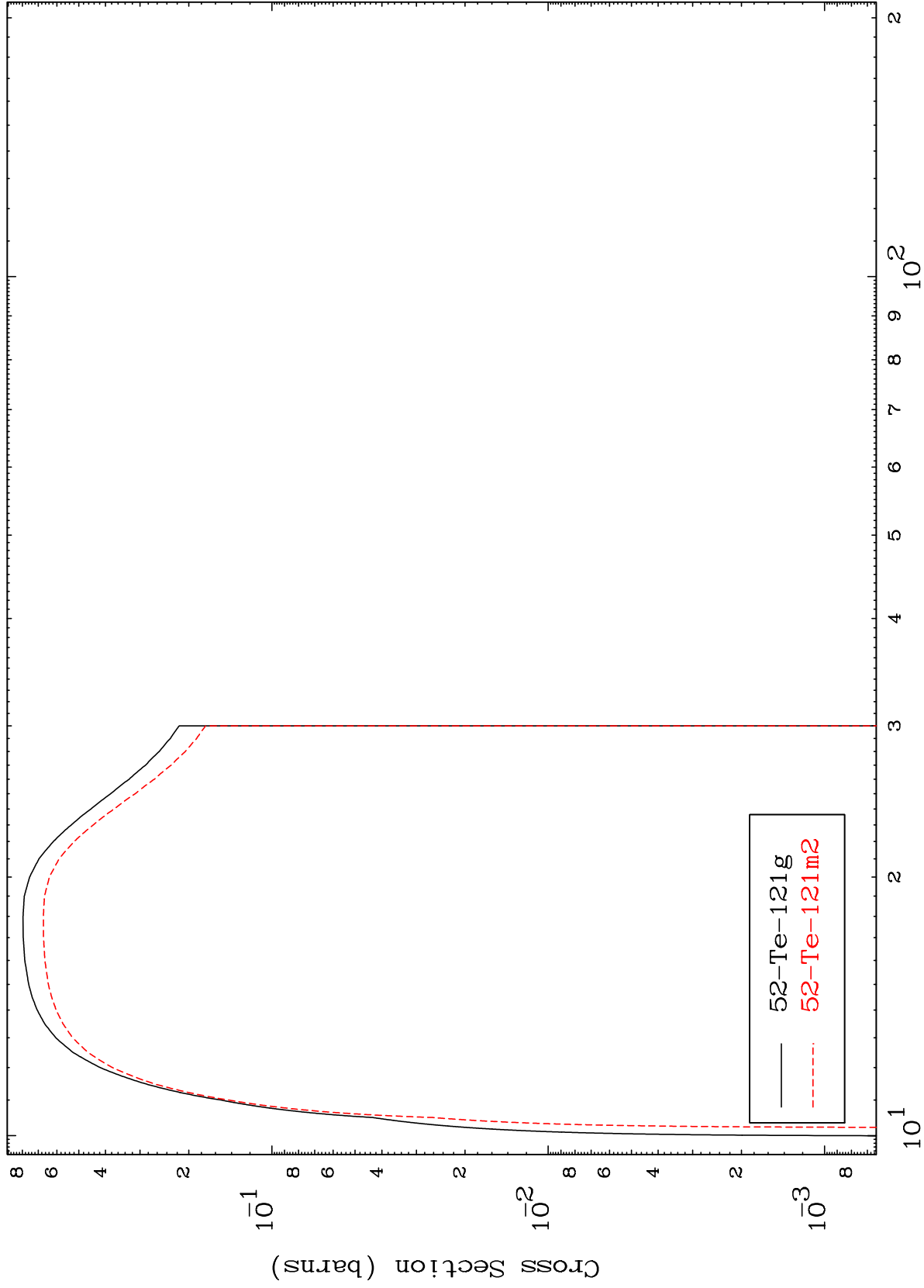


MAT 5231

(n,2n)

52-Te-122

Radionuclide Production Cross Section



52-Te-122

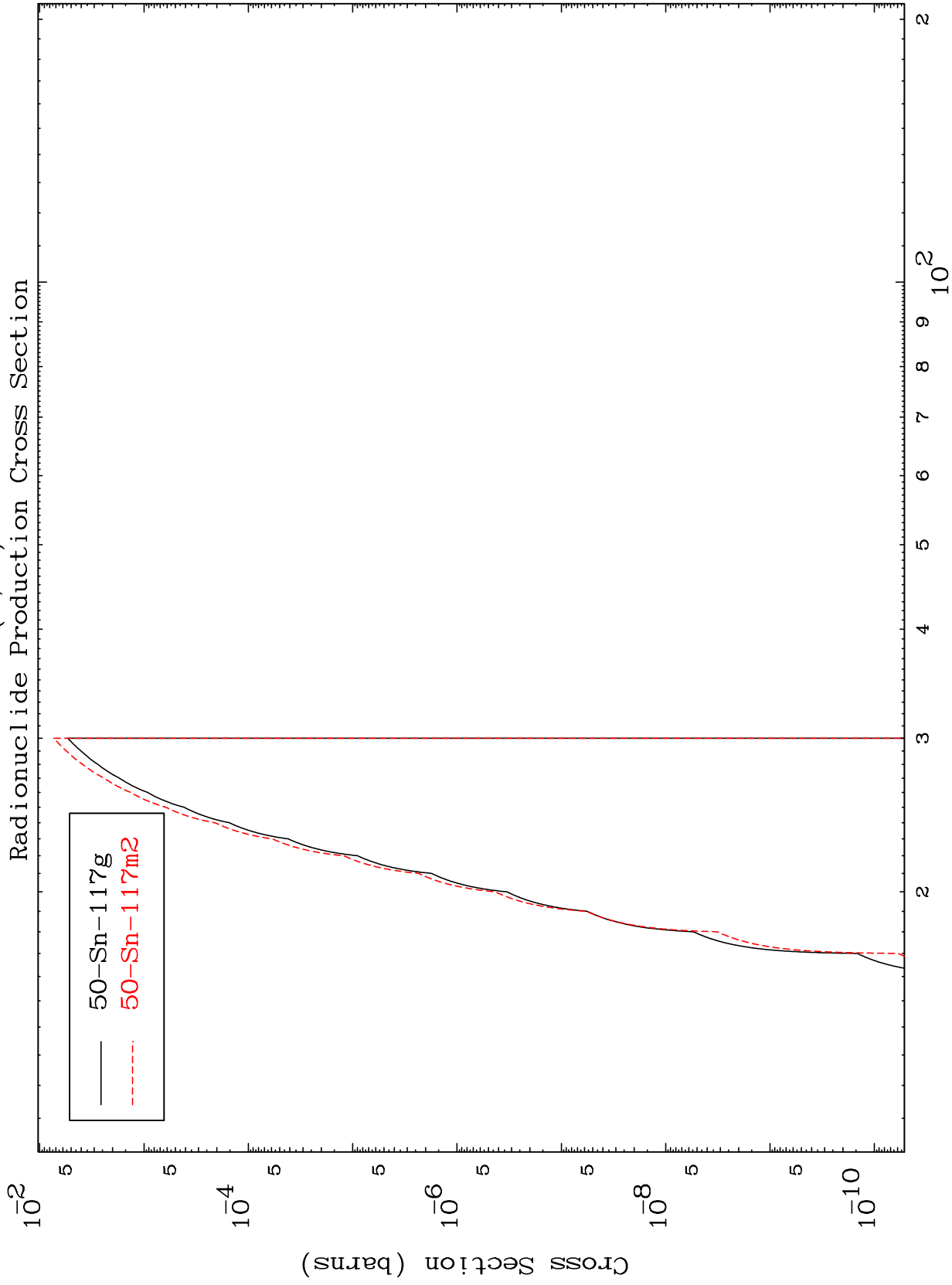
134

MAT 5231

52-Te-122

(n,2n) α

Radionuclide Production Cross Section

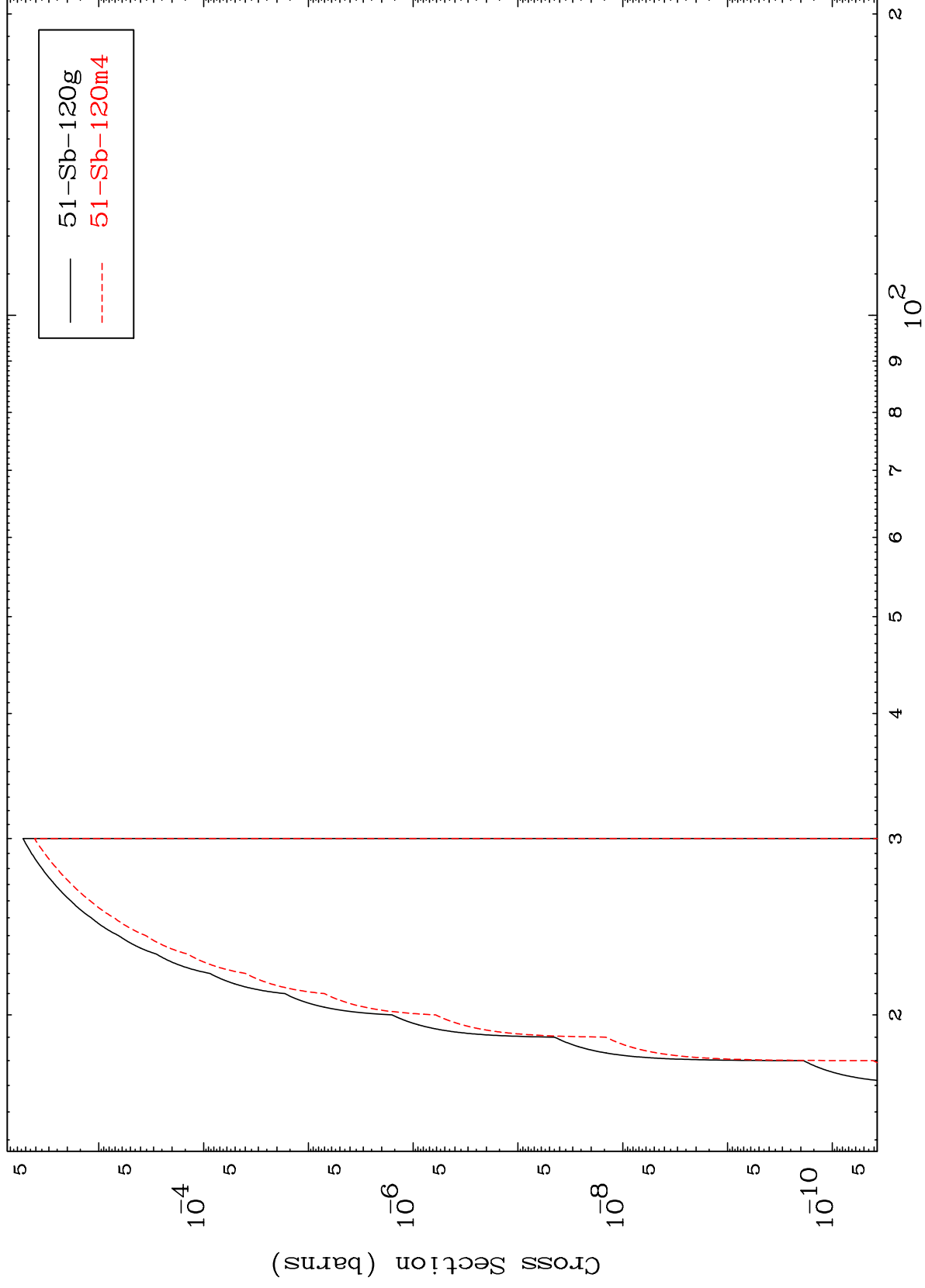


135

Incident Energy (MeV)

52-Te-122

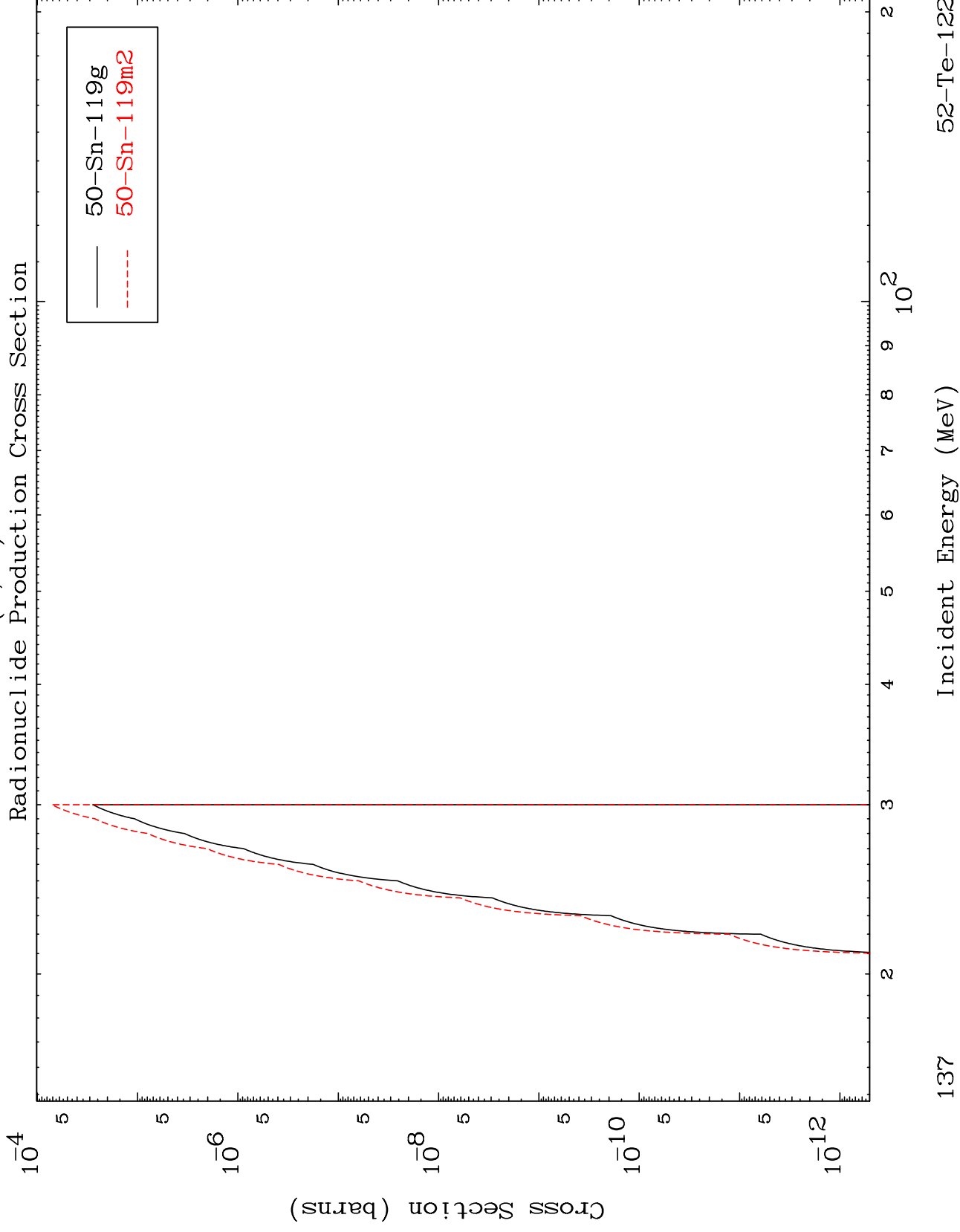
Radionuclide Production Cross Section



MAT 5231

(n,n') He-3

52-Te-122



137

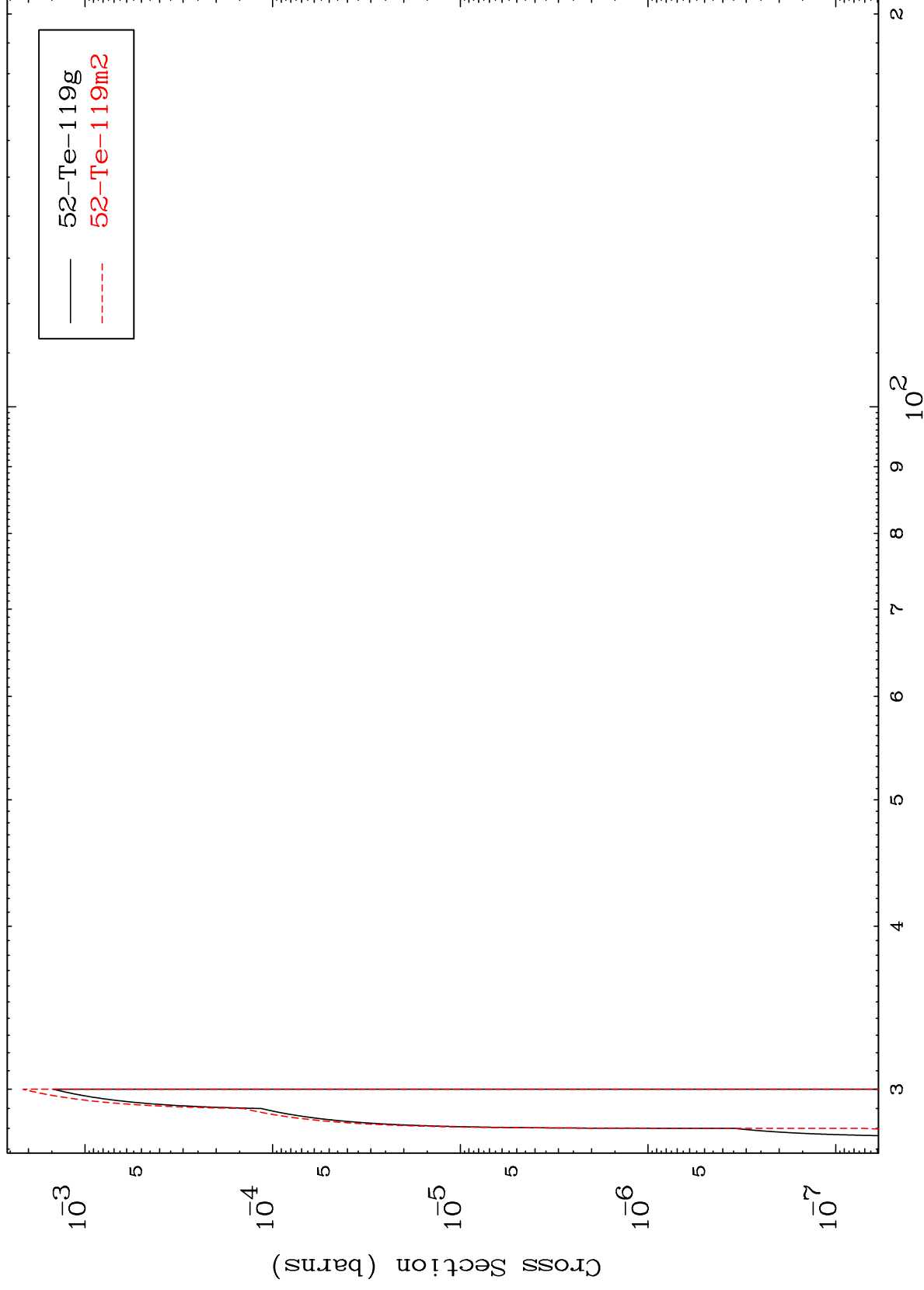
52-Te-122

MAT 5231

(n,4n)

52-Te-122

Radionuclide Production Cross Section

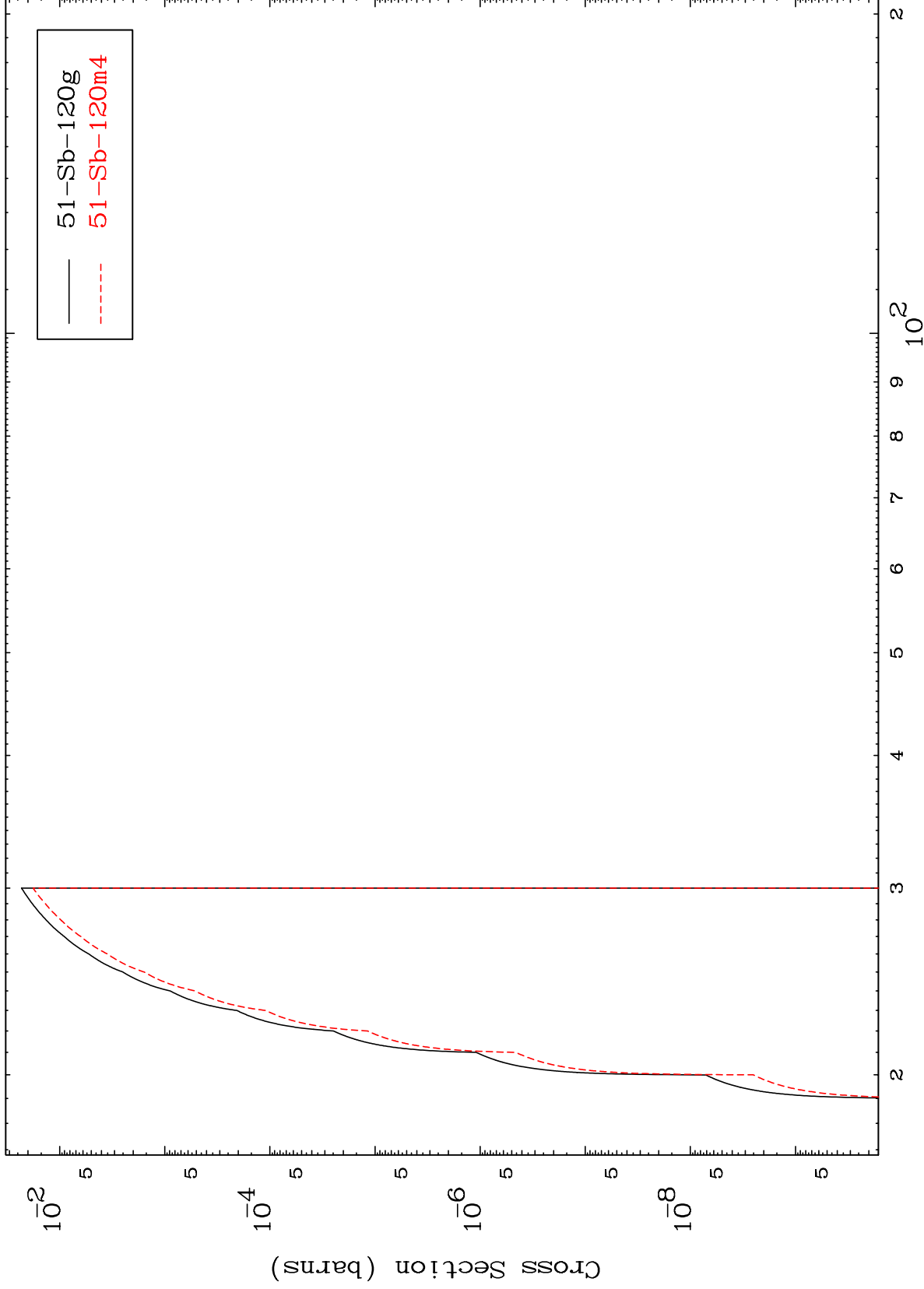


138

Incident Energy (MeV)

52-Te-122

Radionuclide Production Cross Section

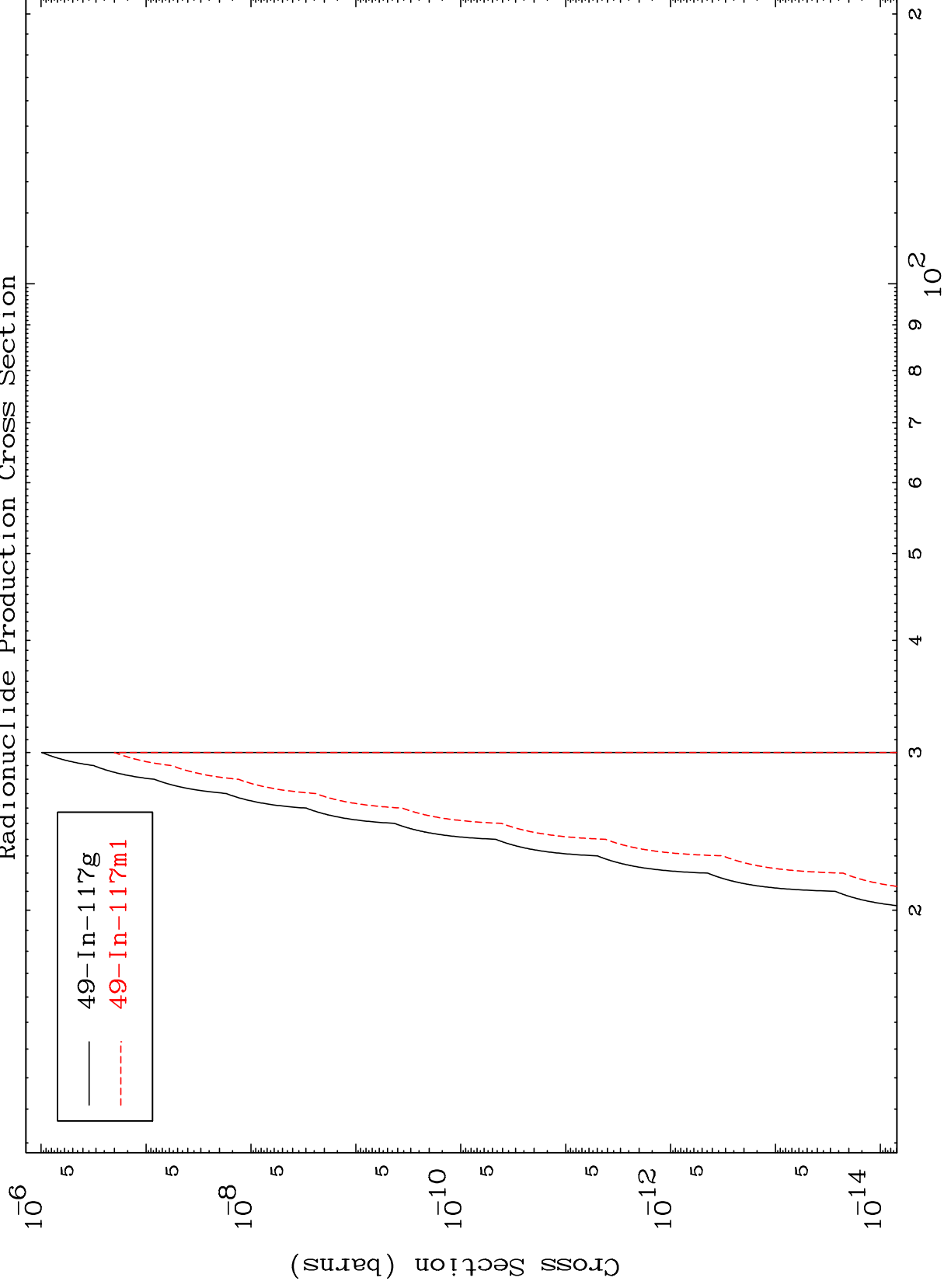


MAT 5231

(n,n') p α

52-Te-122

Radionuclide Production Cross Section

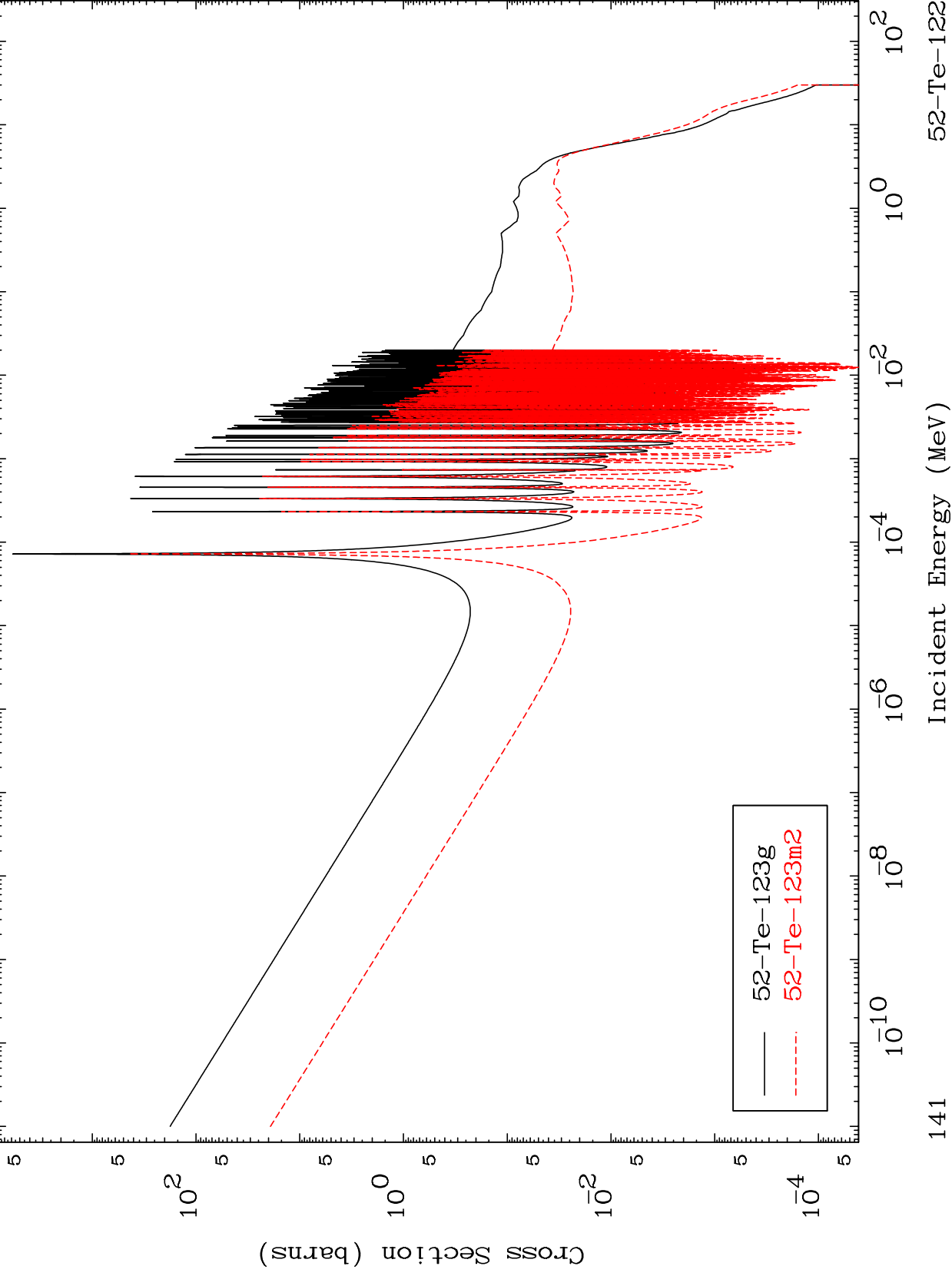


49-In-117g
49-In-117m1

MAT 5231

52-Te-122

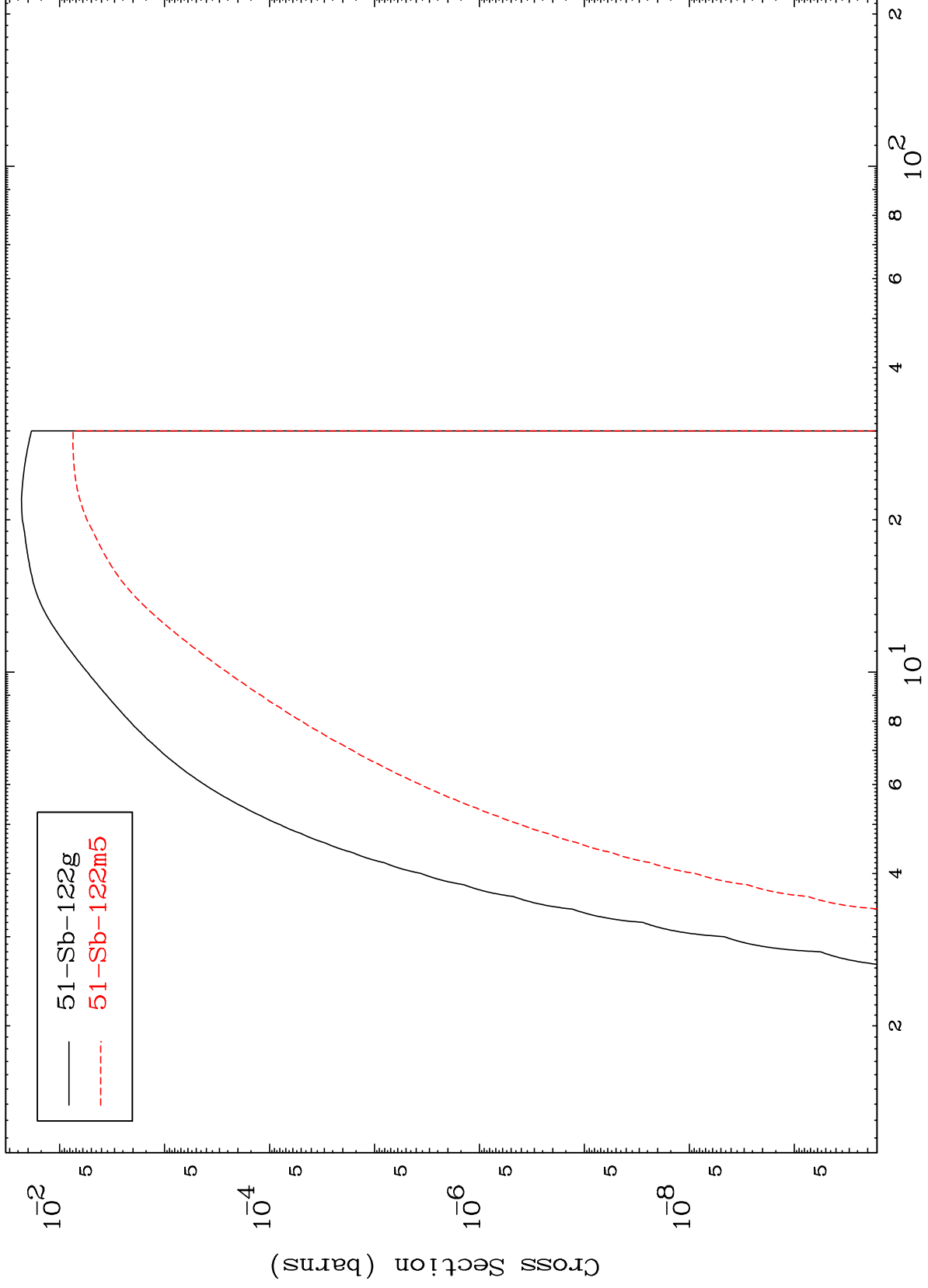
(n, γ)
Radionuclide Production Cross Section



MAT 5231

52-Te-122

(n,p)
Radionuclide Production Cross Section



142

52-Te-122

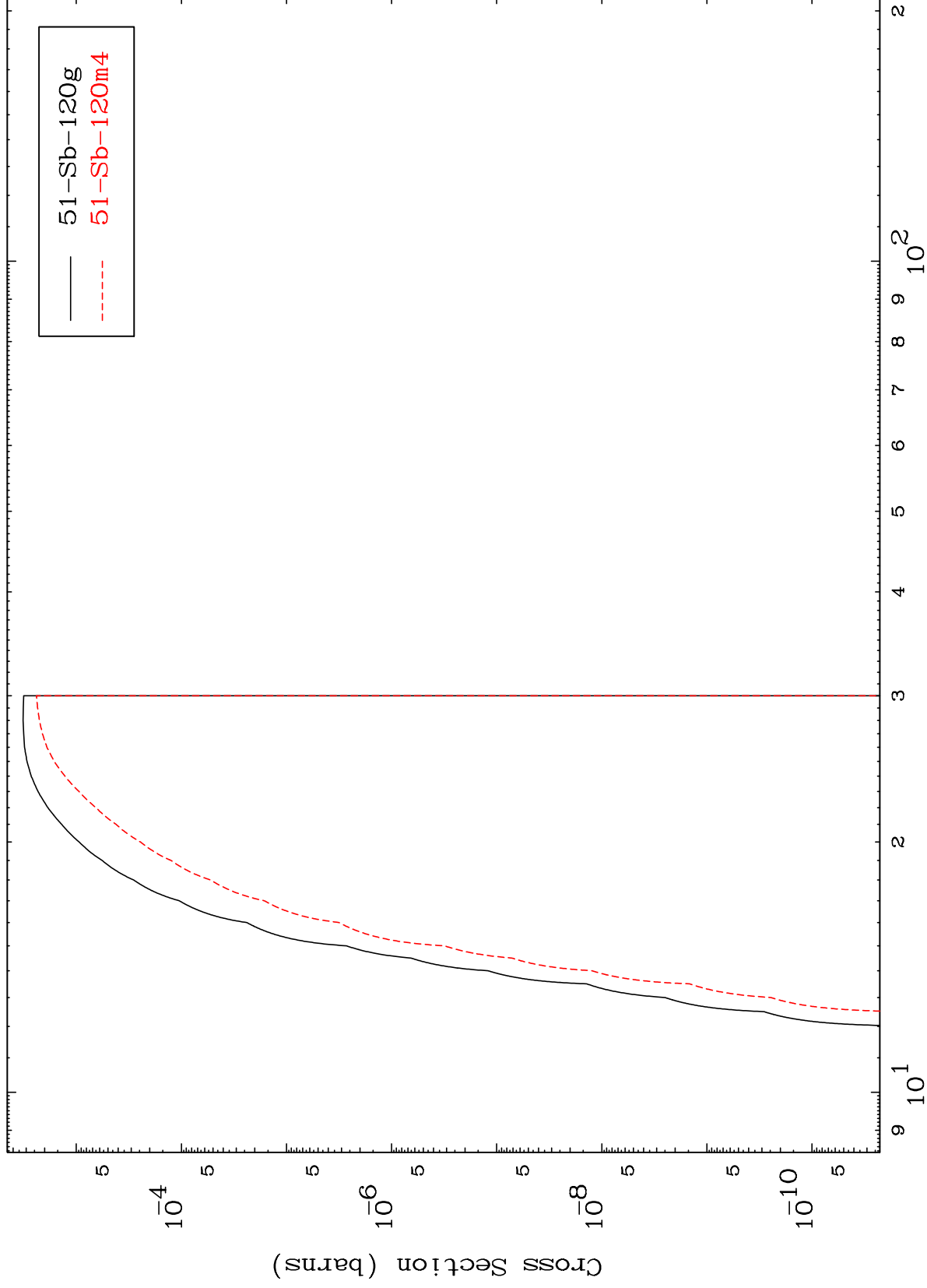
Incident Energy (MeV)

MAT 5231

(n, t)

52-Te-122

Radionuclide Production Cross Section



143

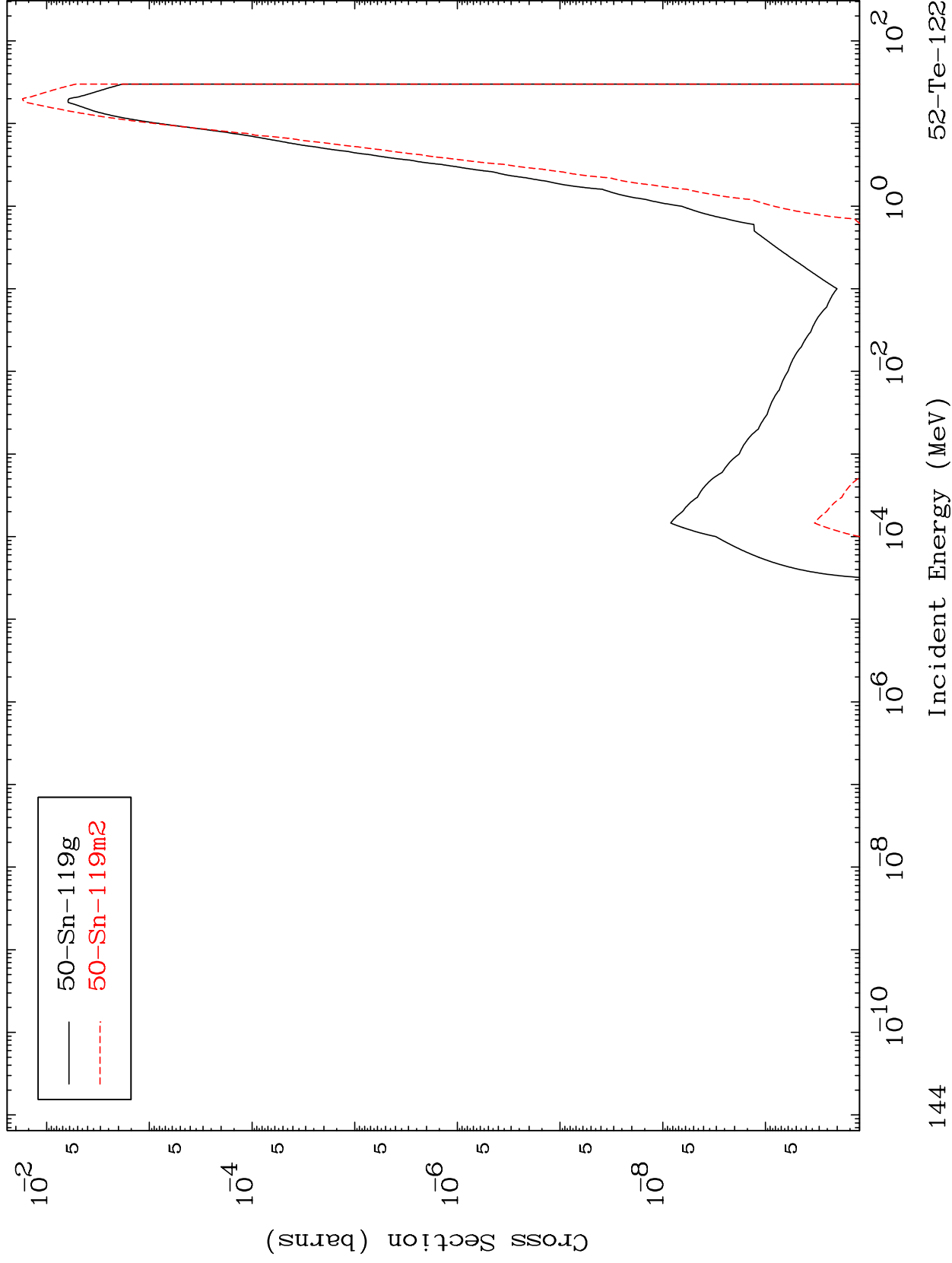
Incident Energy (MeV)

52-Te-122

MAT 5231

52-Te-122

(n, α)
Radionuclide Production Cross Section



144

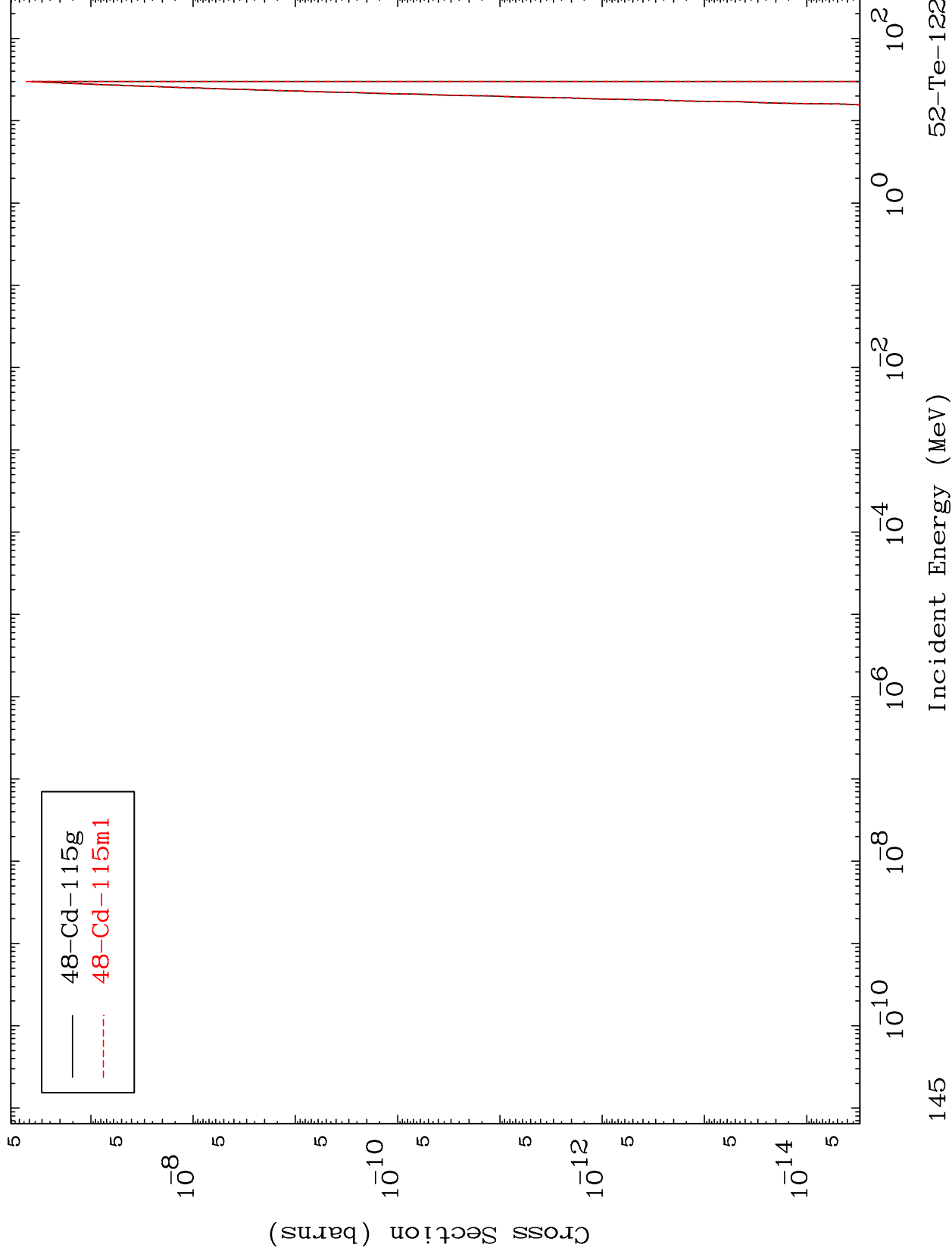
52-Te-122

MAT 5231

(n,2α)

52-Te-122

Radionuclide Production Cross Section



145

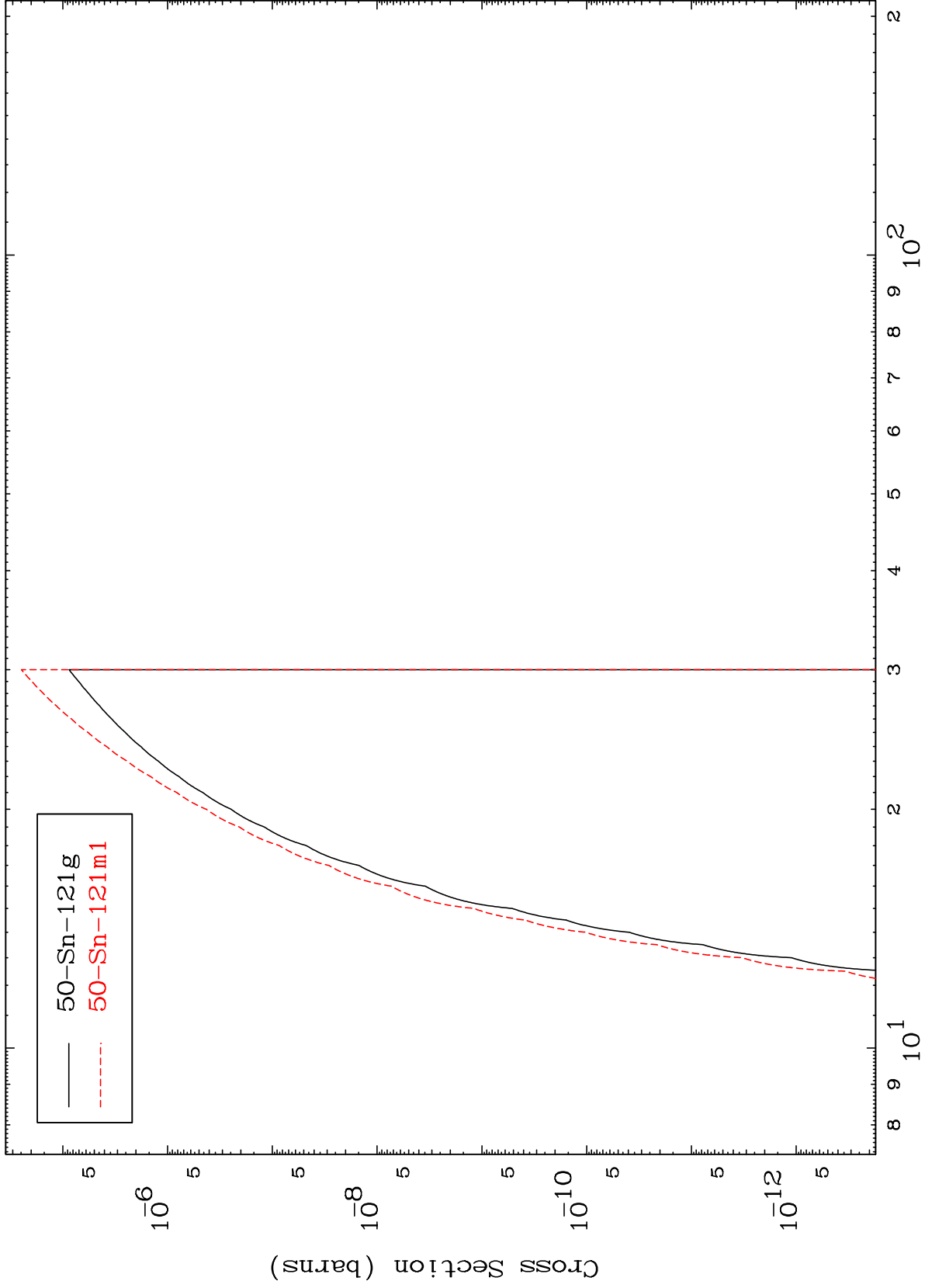
Incident Energy (MeV)

52-Te-122

MAT 5231

52-Te-122

(n,2p)
Radionuclide Production Cross Section



52-Te-122

Incident Energy (MeV)

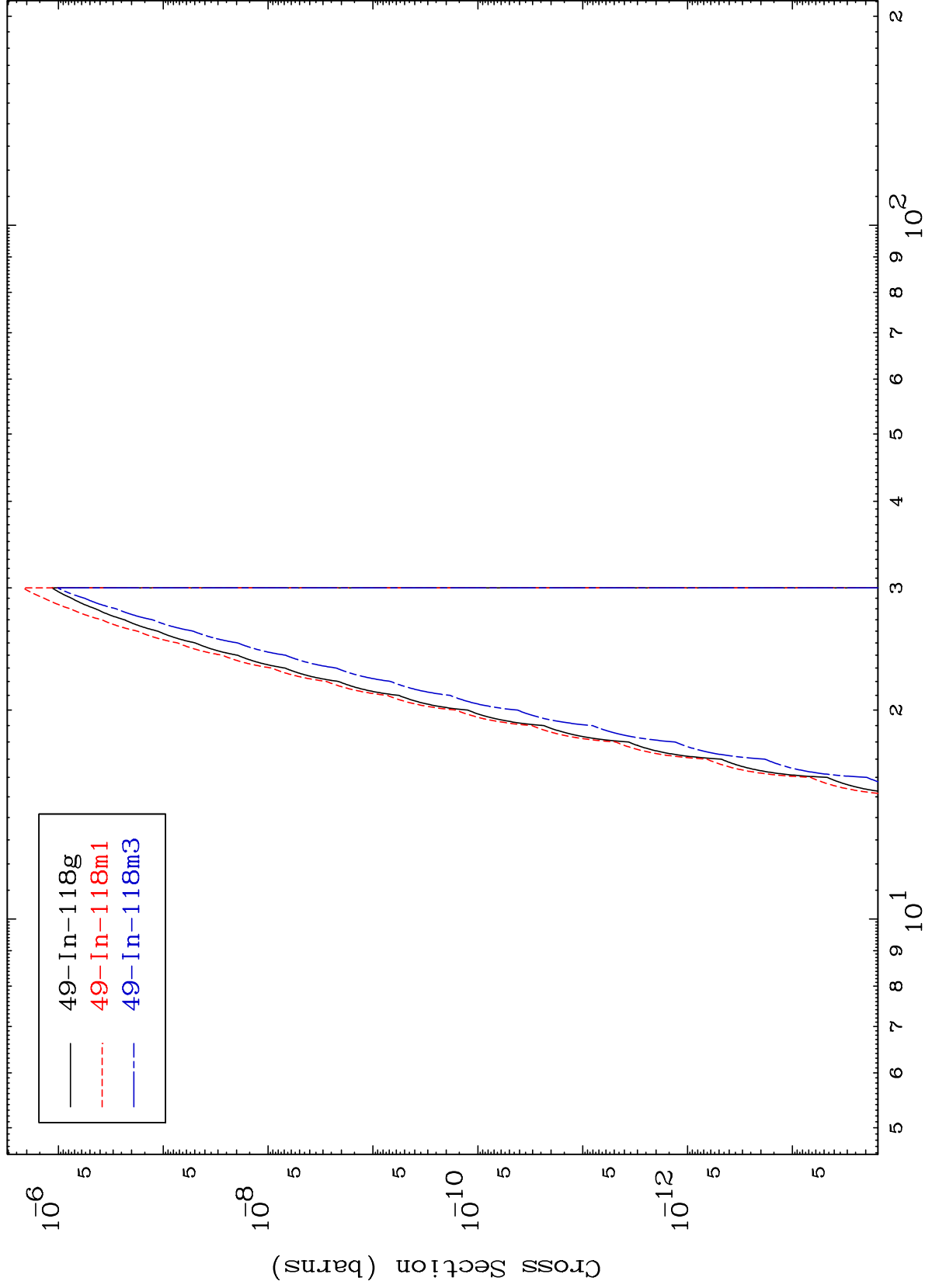
146

MAT 5231

52-Te-122

(n,p) α

Radionuclide Production Cross Section



147

Incident Energy (MeV)

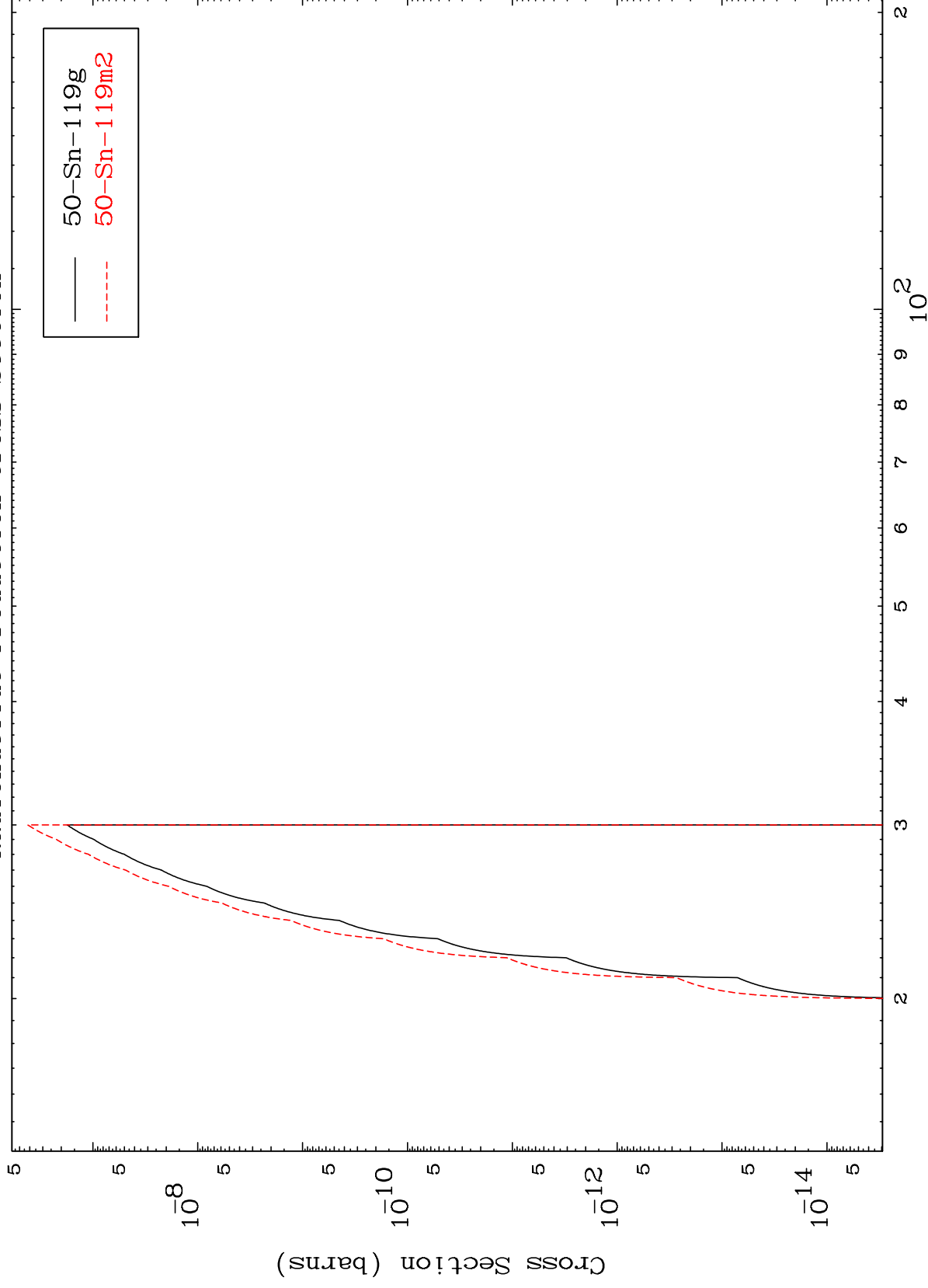
52-Te-122

MAT 5231

(n,p) t

52-Te-122

Radionuclide Production Cross Section



148

Incident Energy (MeV)

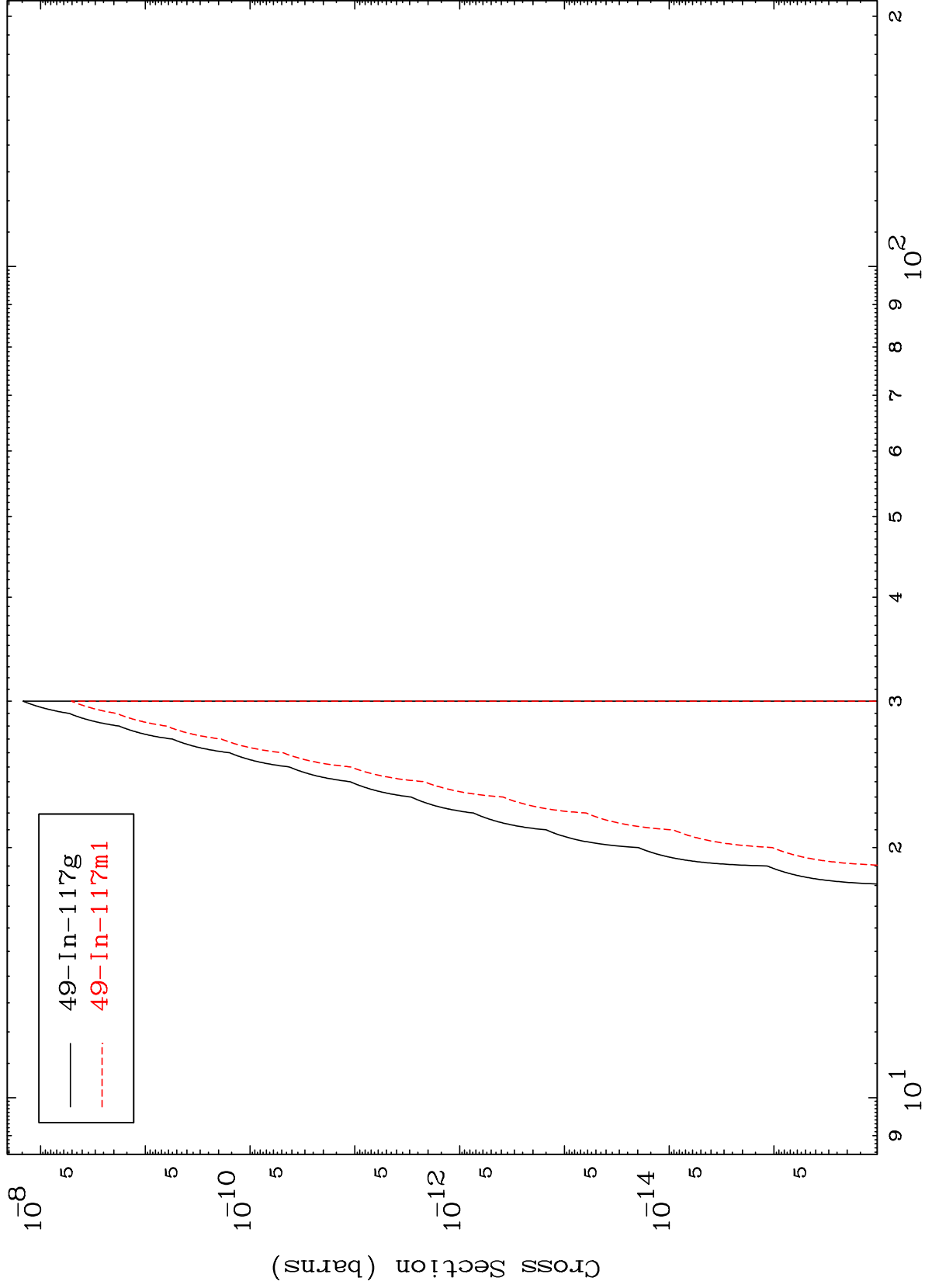
52-Te-122

MAT 5231

(n,d) α

52-Te-122

Radionuclide Production Cross Section



149

Incident Energy (MeV)

52-Te-122