

Program EVALPLOT
(Version 2015-2)

by

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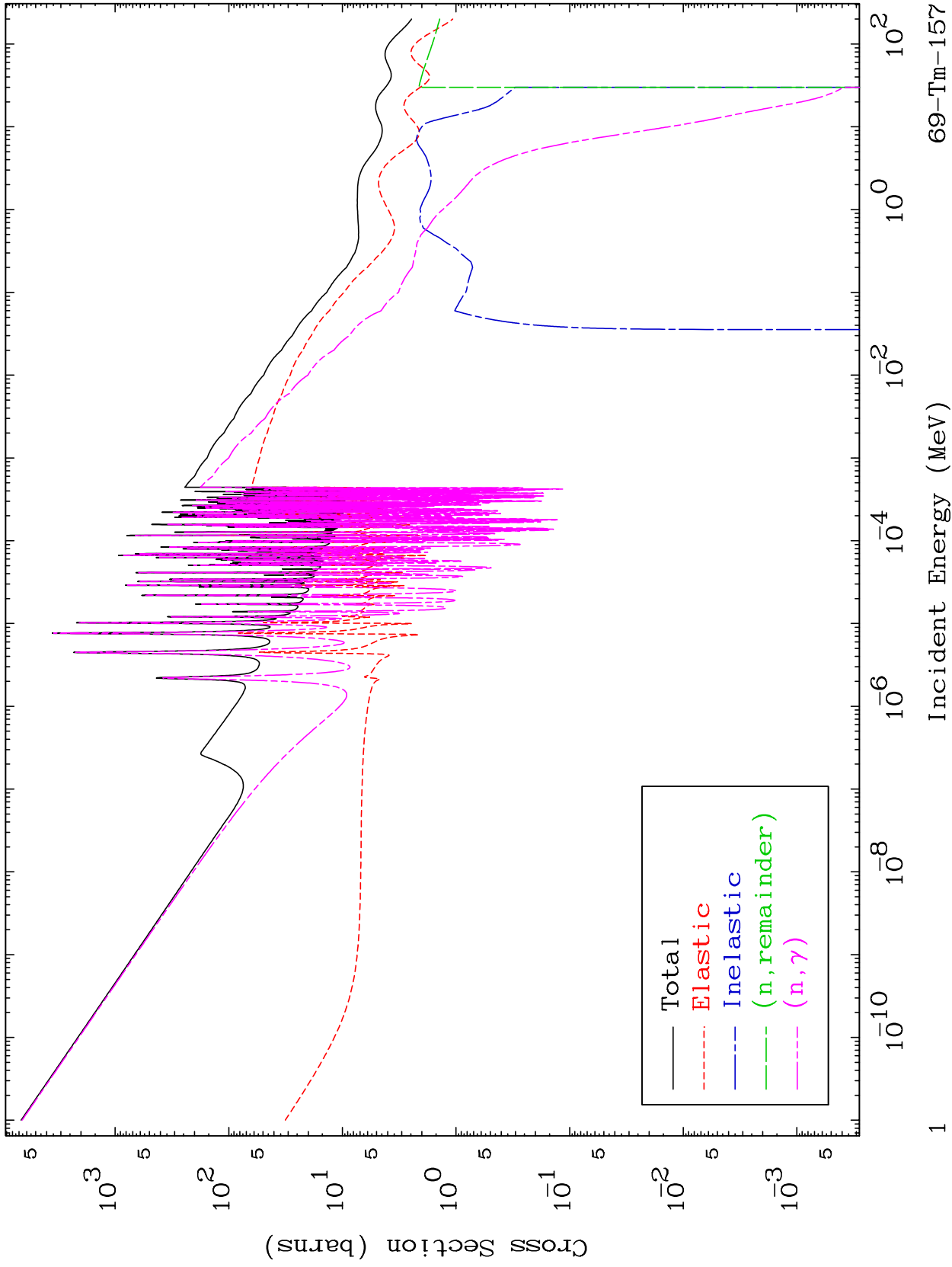
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6889

Major
293 Kelvin Cross Sections

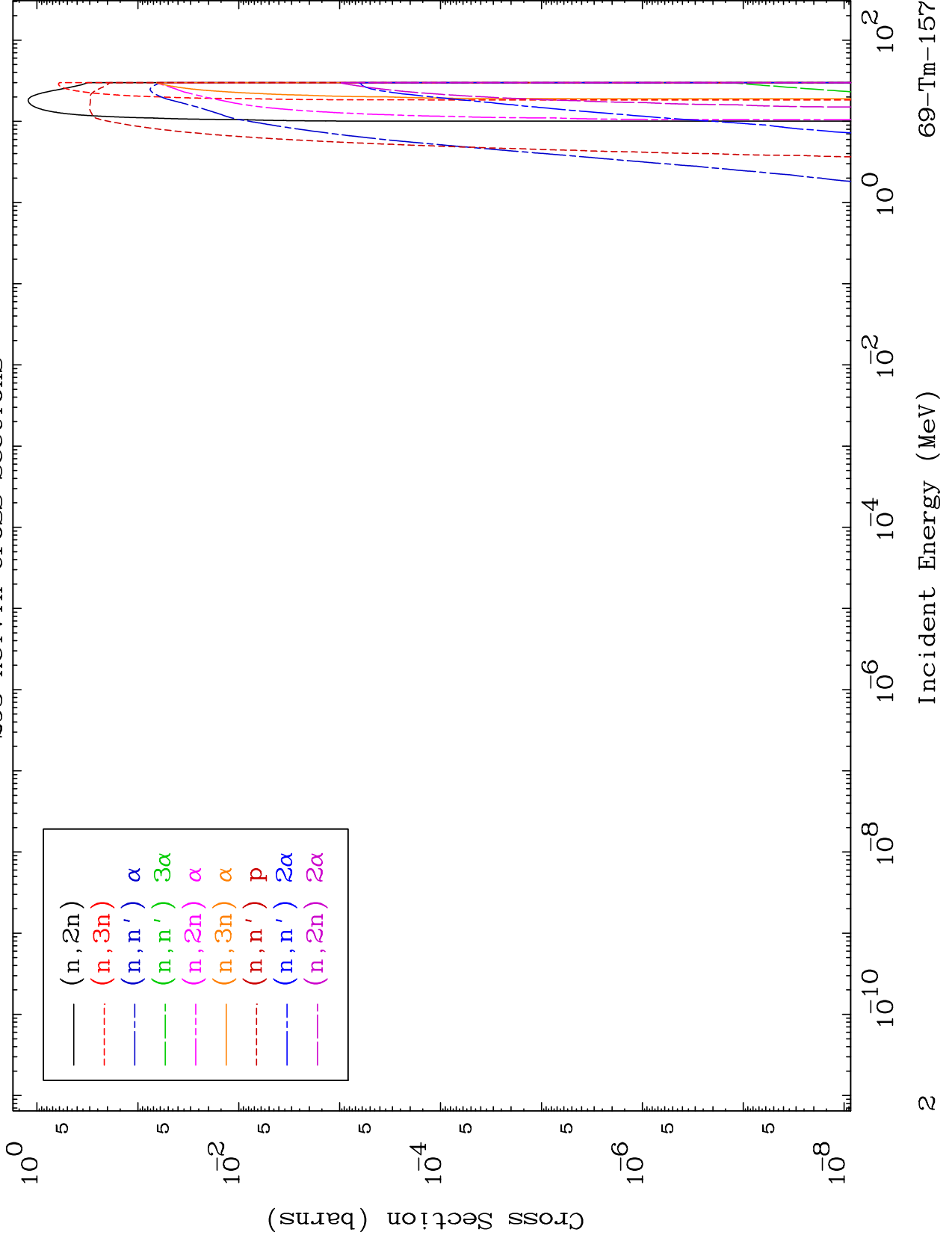
69-Tm-157

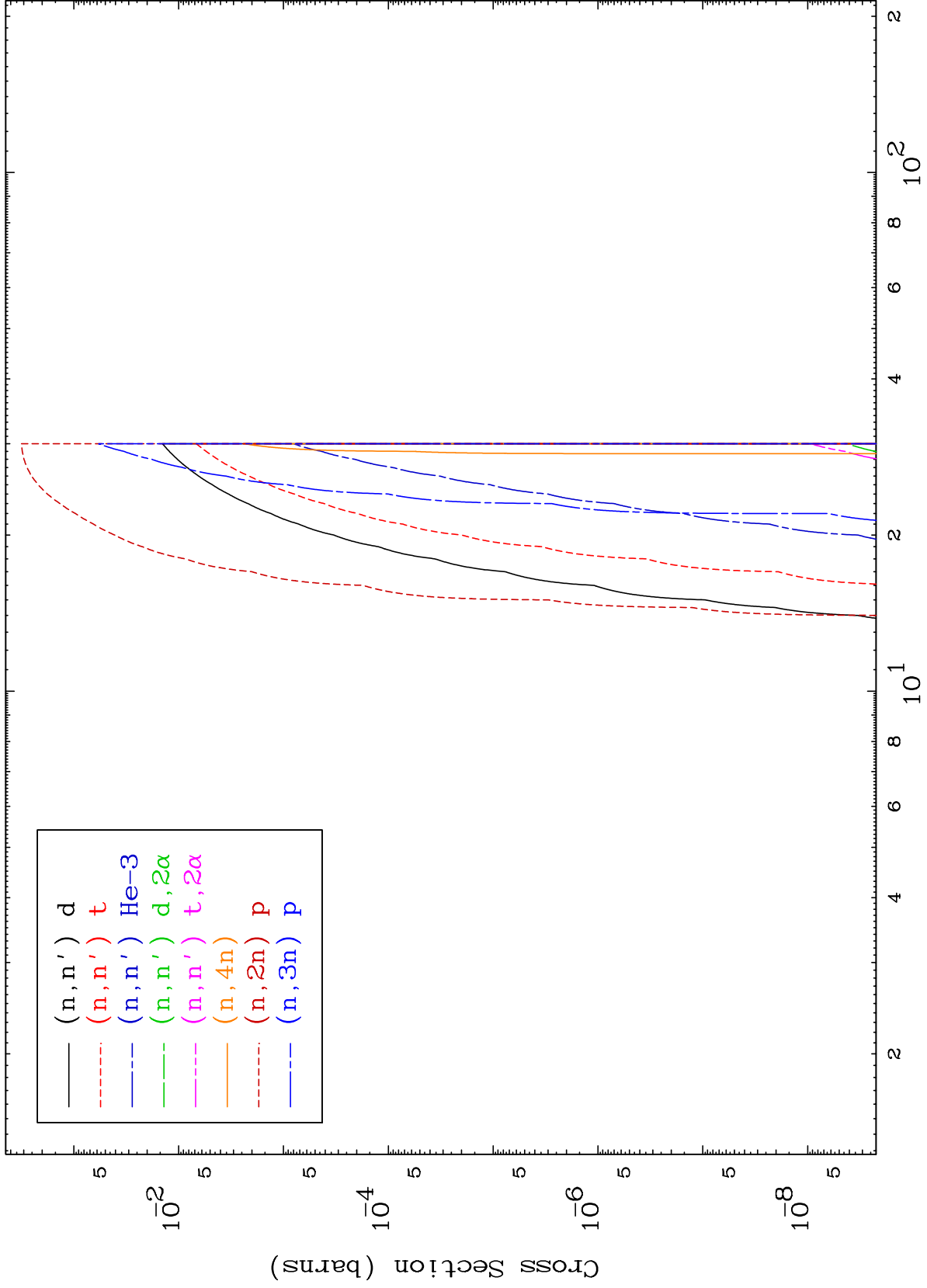


MAT 6889

Neutron Production
293 Kelvin Cross Sections

69-Tm-157

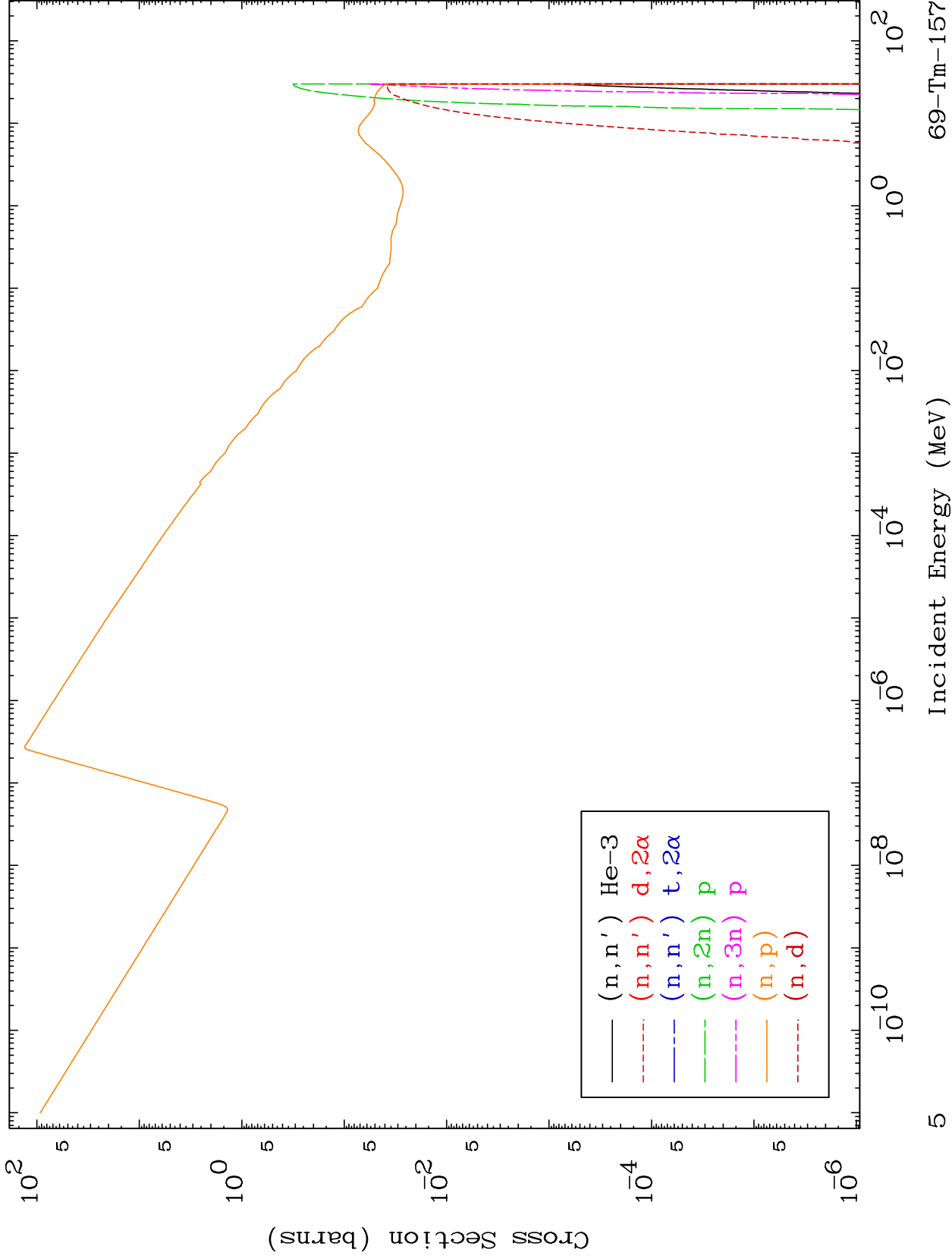




MAT 6889

Charged Particle
293 Kelvin Cross Sections

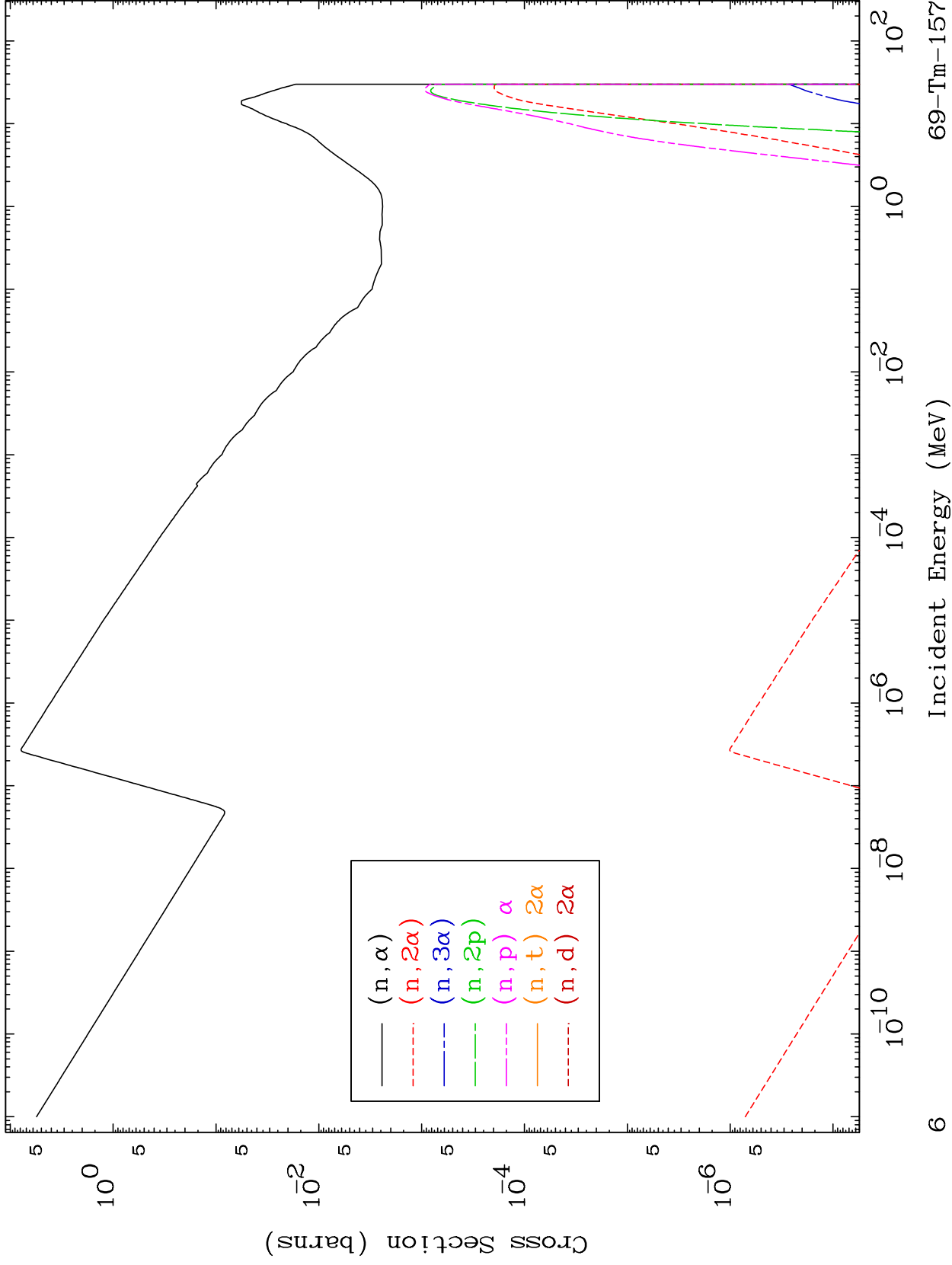
69-Tm-157



MAT 6889

Charged Particle
293 Kelvin Cross Sections

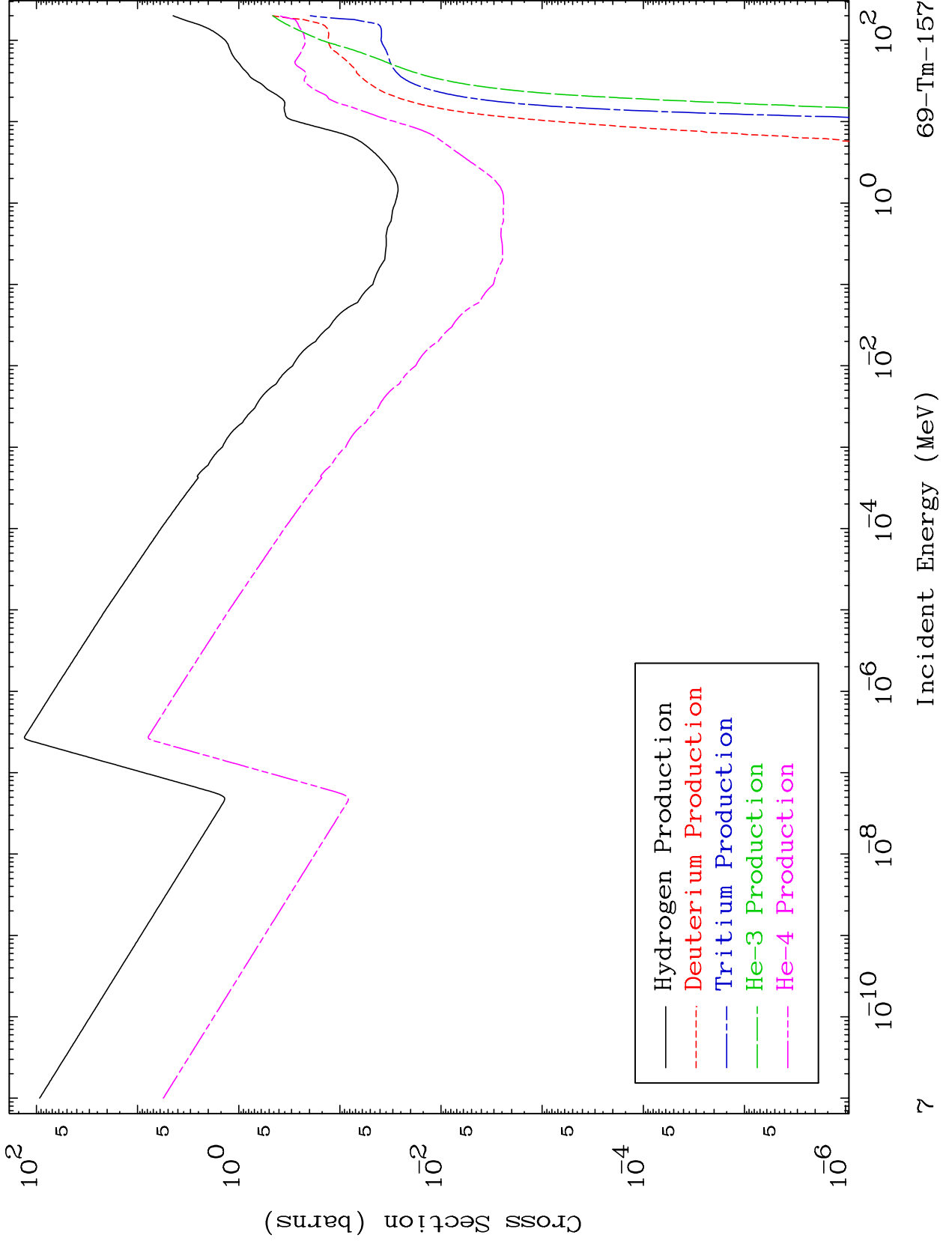
69-Tm-157



MAT 6889

Particle Production
293 Kelvin Cross Sections

69-Tm-157

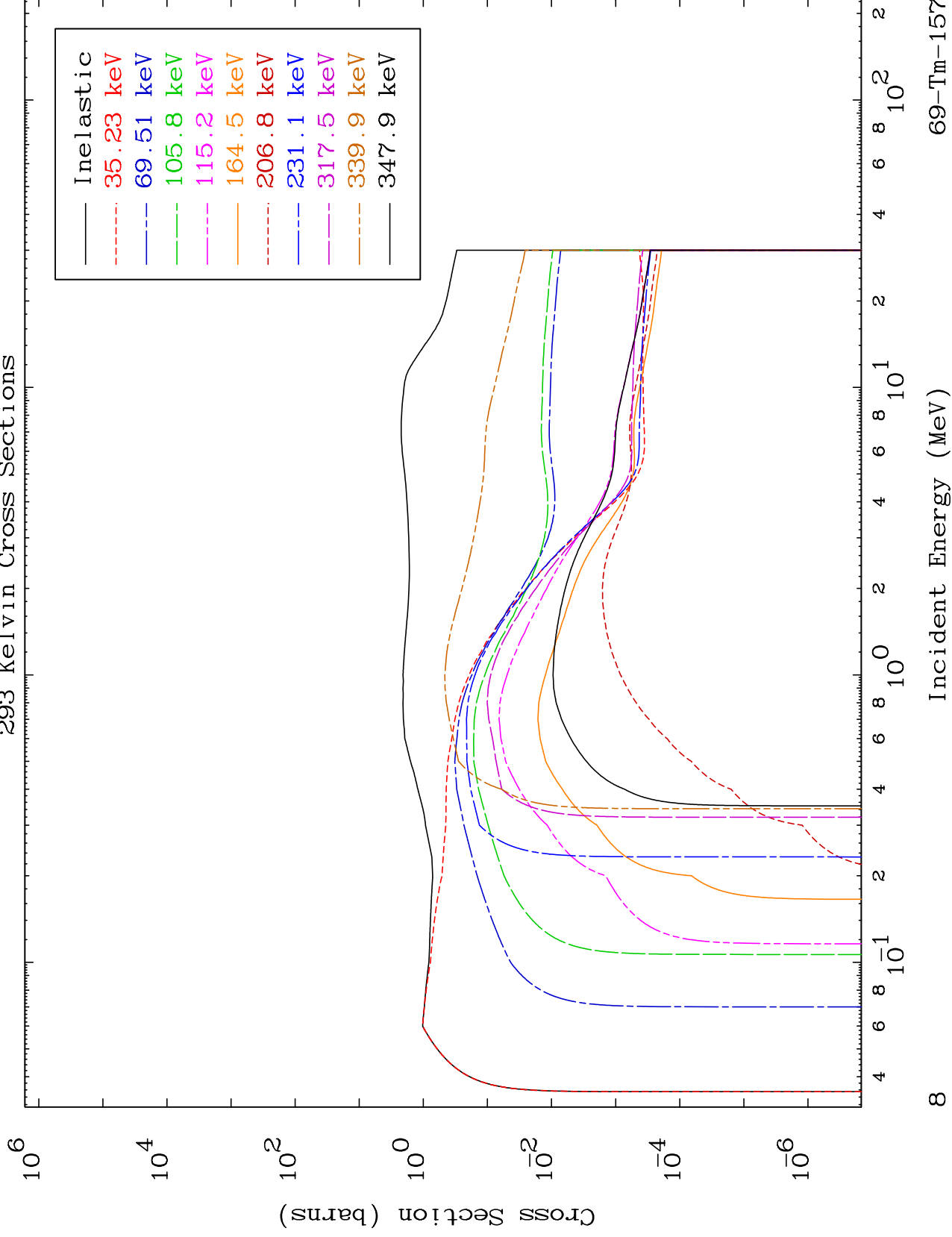


MAT 6889

(n,n') Level

69-Tm-157

293 Kelvin Cross Sections

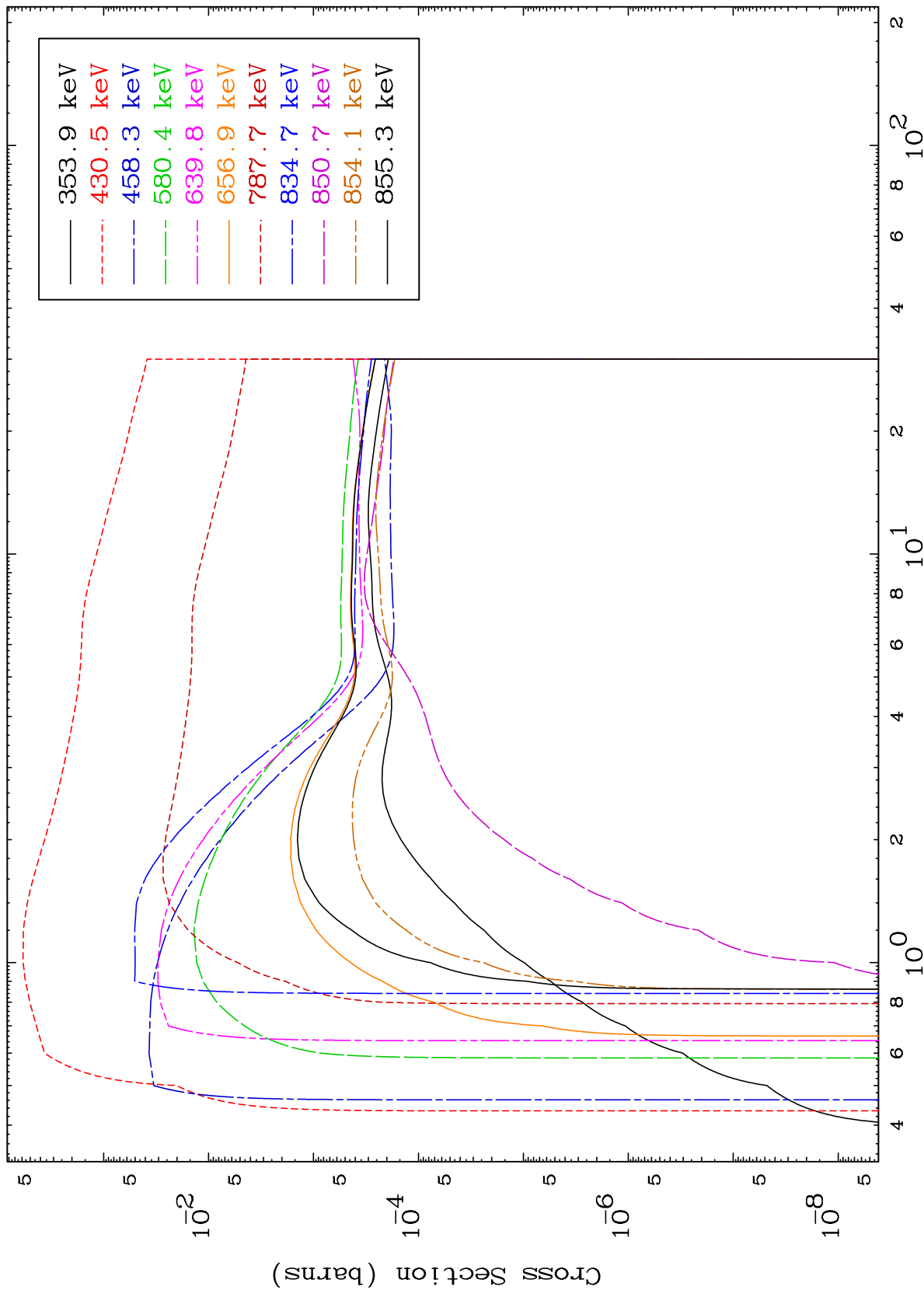


MAT 6889

(n,n') Level

69-Tm-157

293 Kelvin Cross Sections



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Incident Energy (MeV)

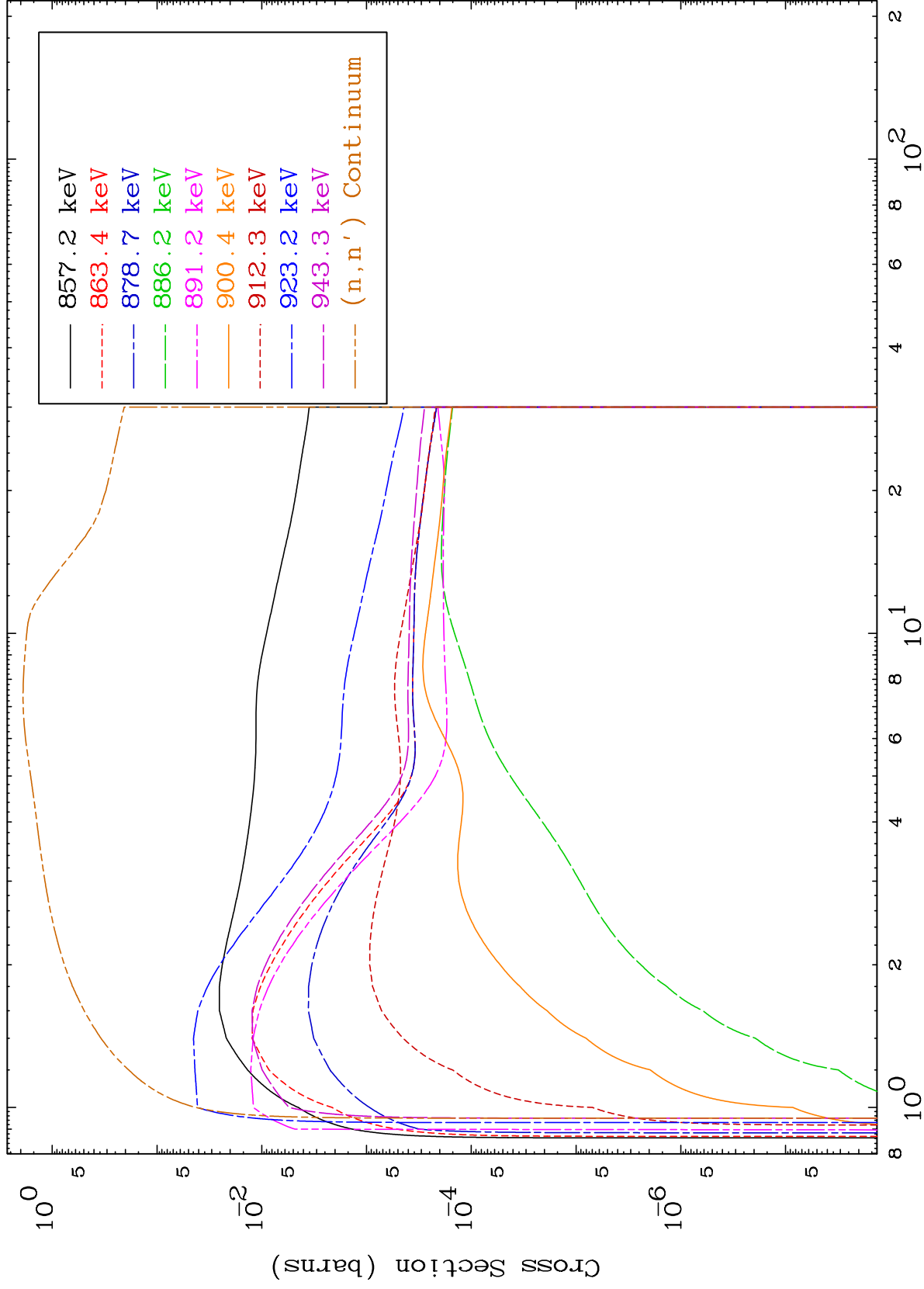
69-Tm-157

MAT 6889

(n,n') Level

69-Tm-157

293 Kelvin Cross Sections



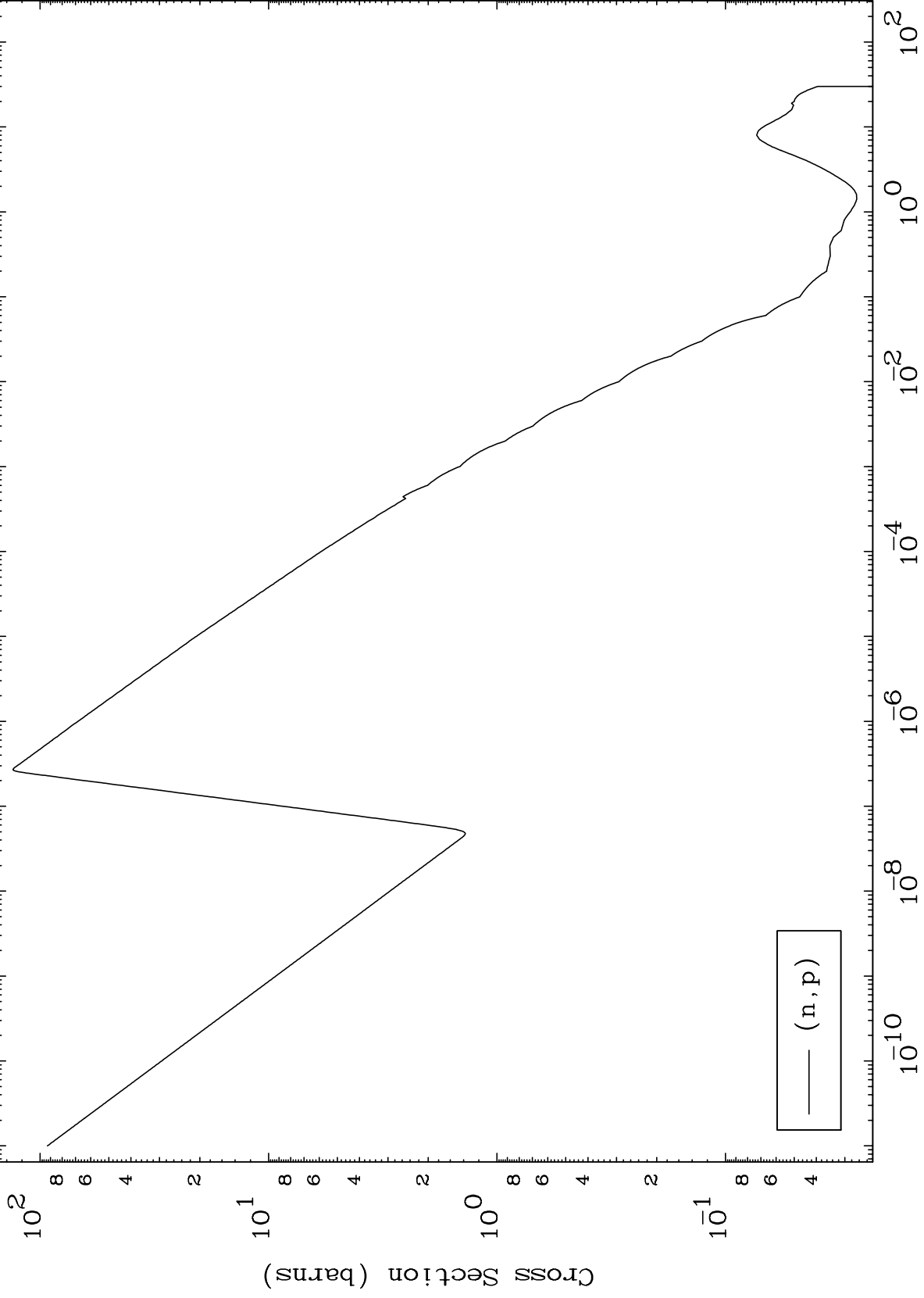
Incident Energy (MeV)

69-Tm-157

MAT 6889

(n,p) Levels
293 Kelvin Cross Sections

69-Tm-157



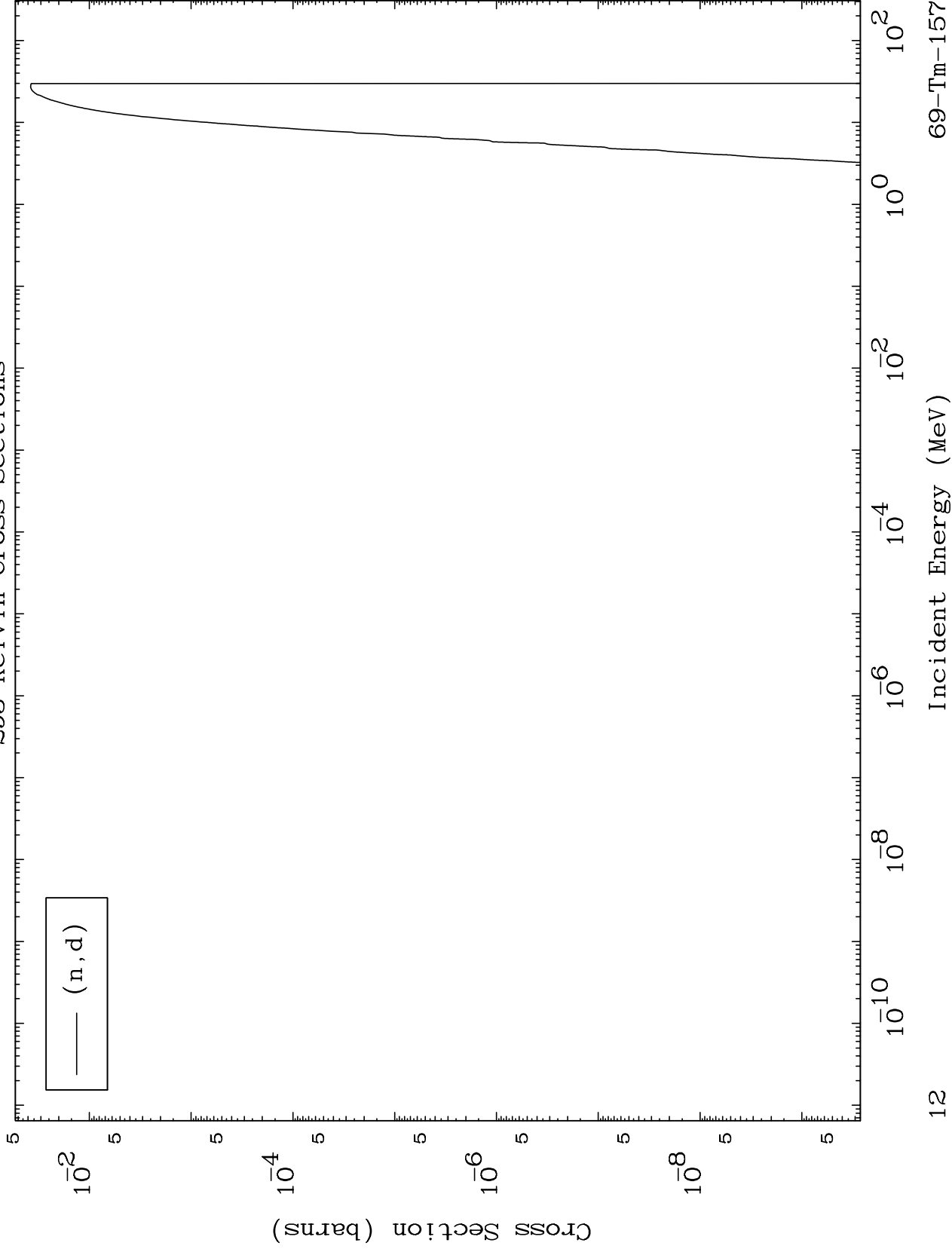
69-Tm-157

Incident Energy (MeV)

MAT 6889

(n,d) Levels
293 Kelvin Cross Sections

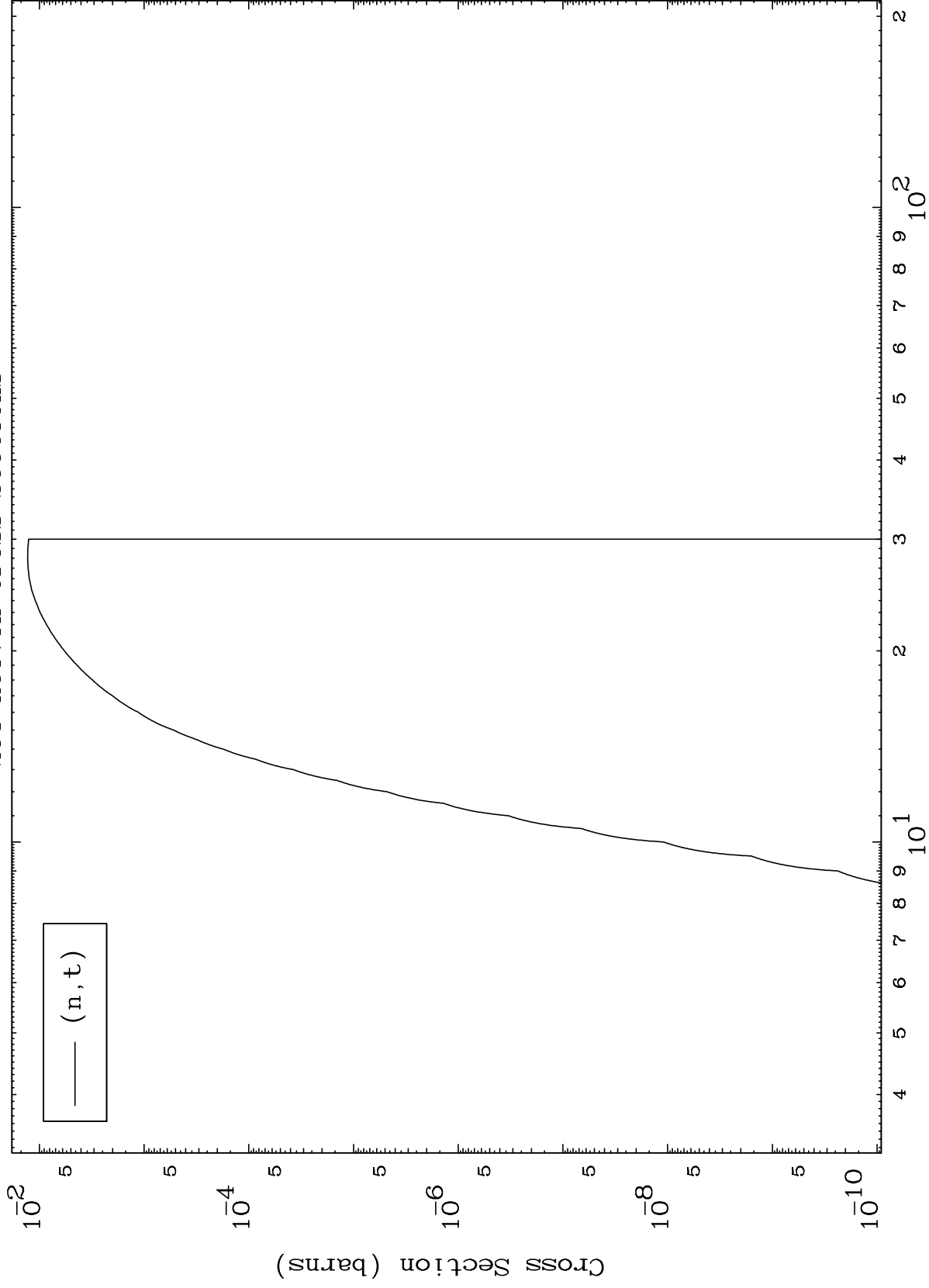
69-Tm-157



MAT 6889

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-157



13

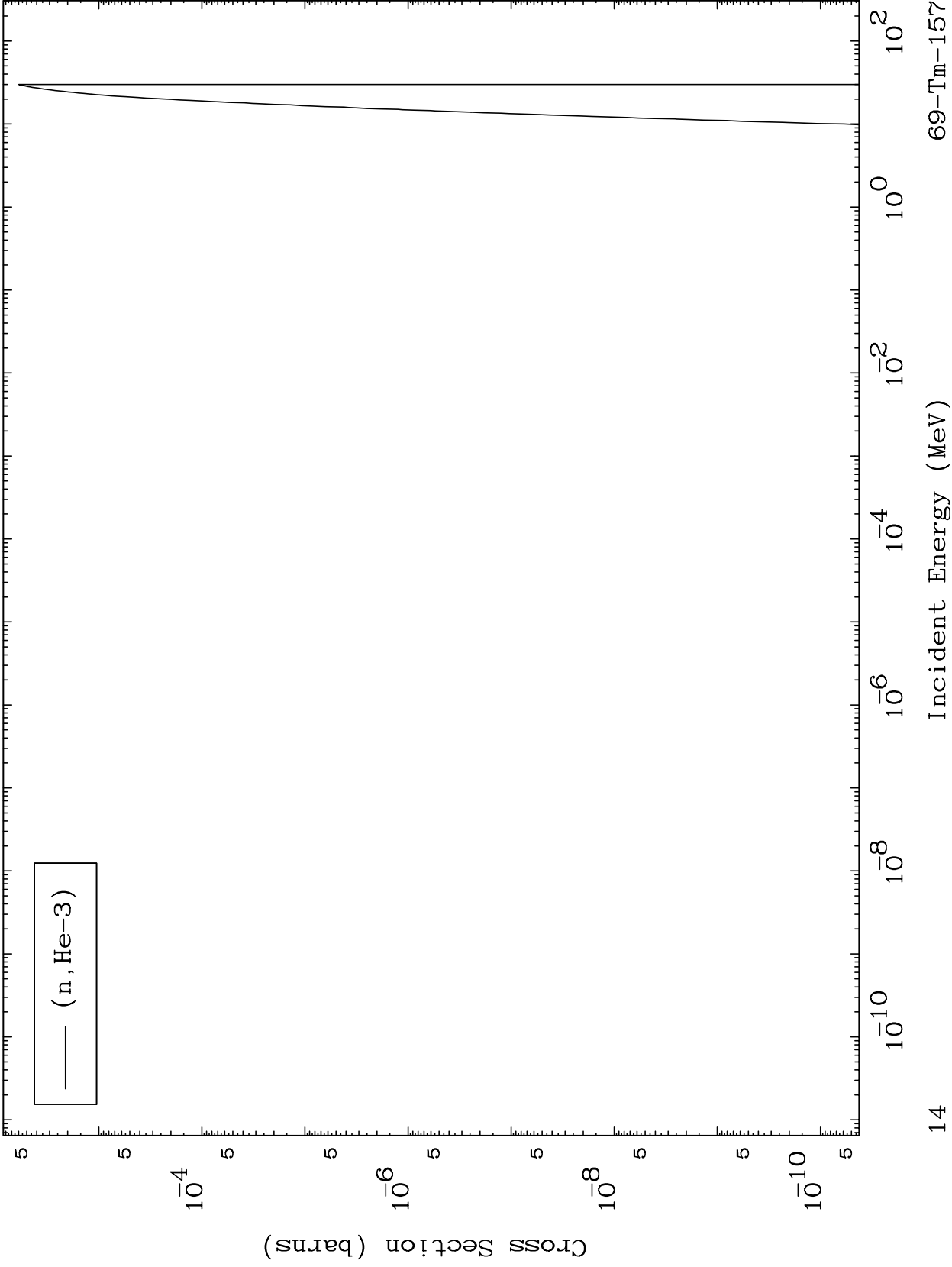
Incident Energy (MeV)

69-Tm-157

MAT 6889

(n,He3) Levels
293 Kelvin Cross Sections

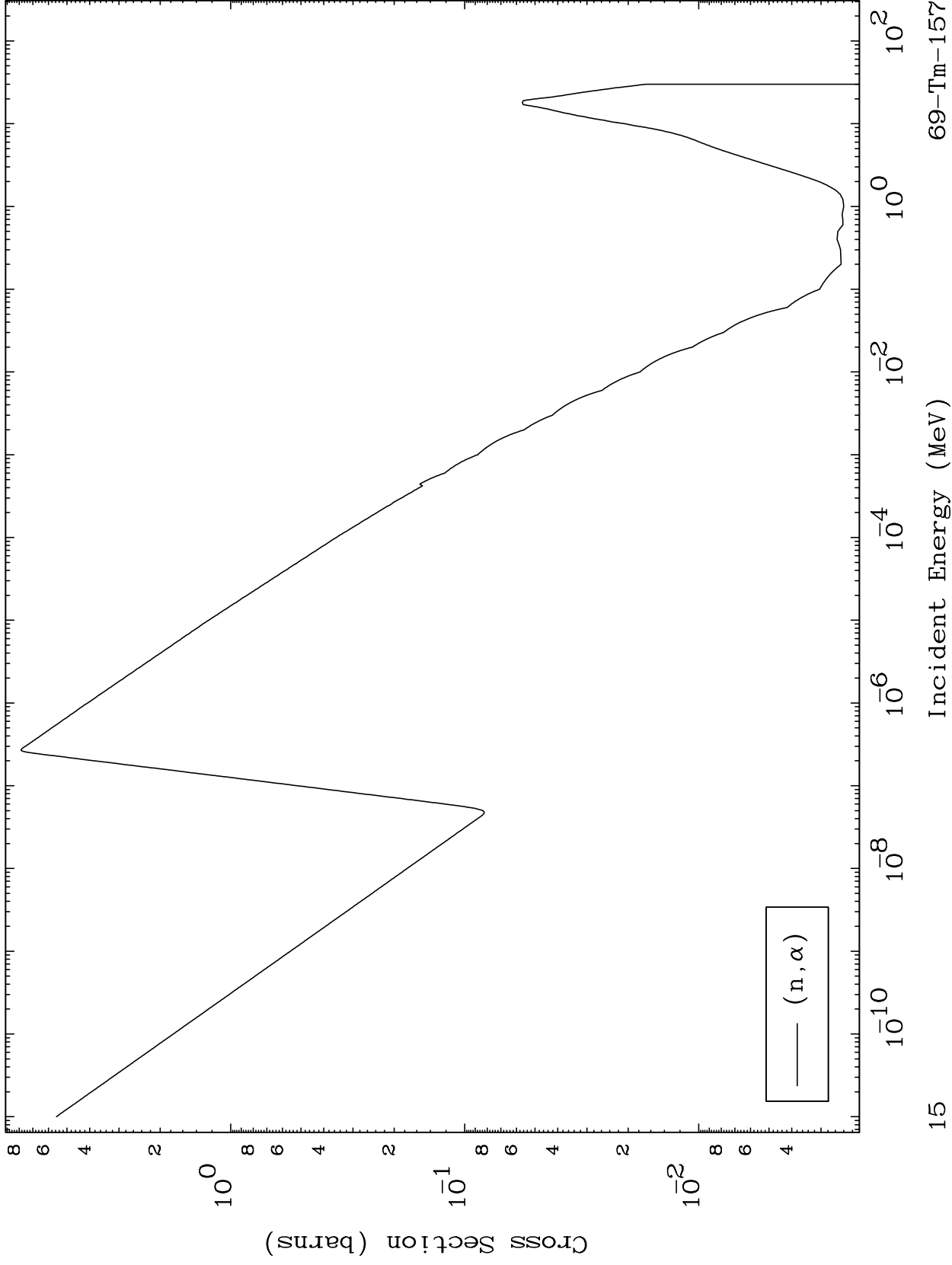
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MAT 6889

(n, α) Levels
293 Kelvin Cross Sections

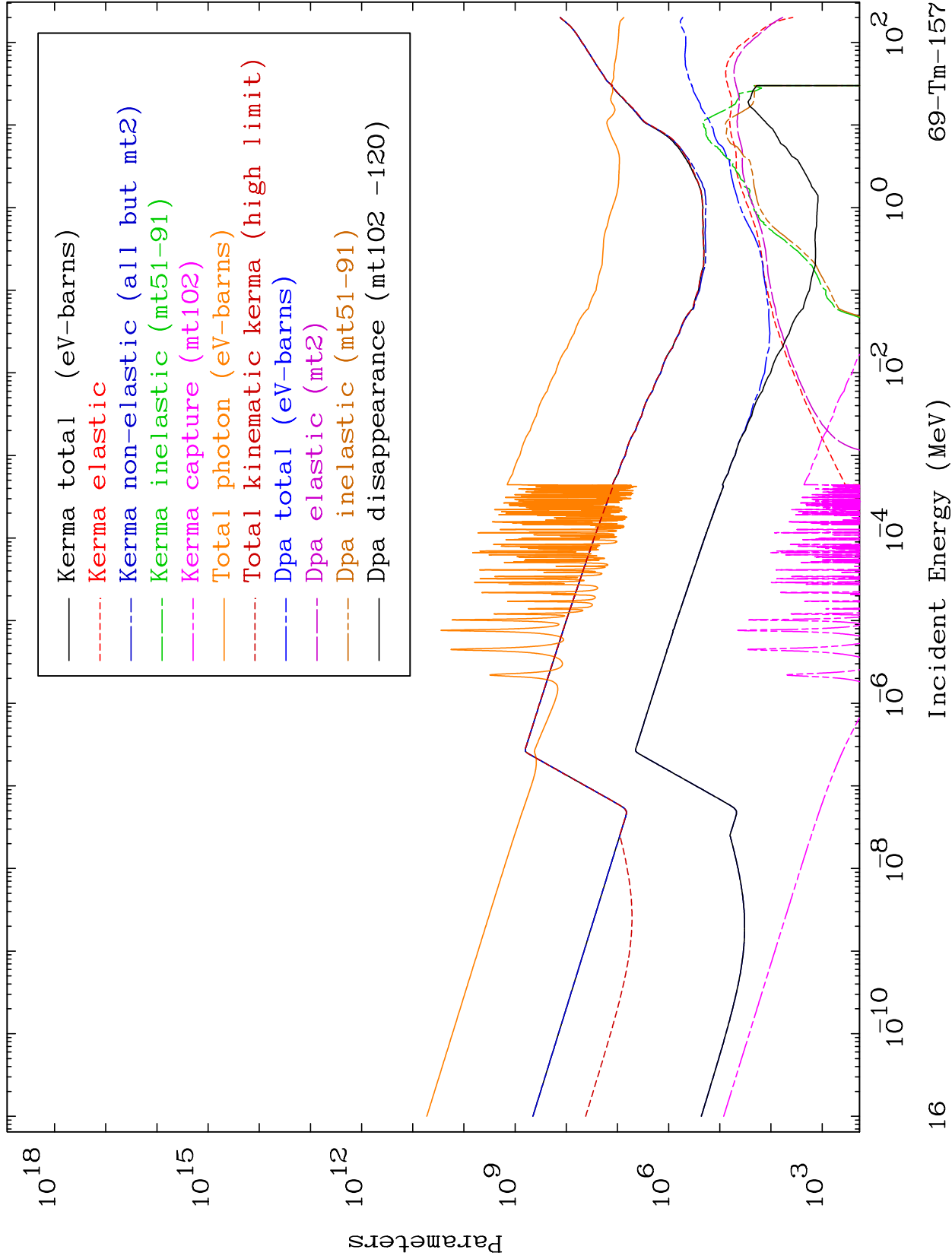
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15

Incident Energy (MeV)

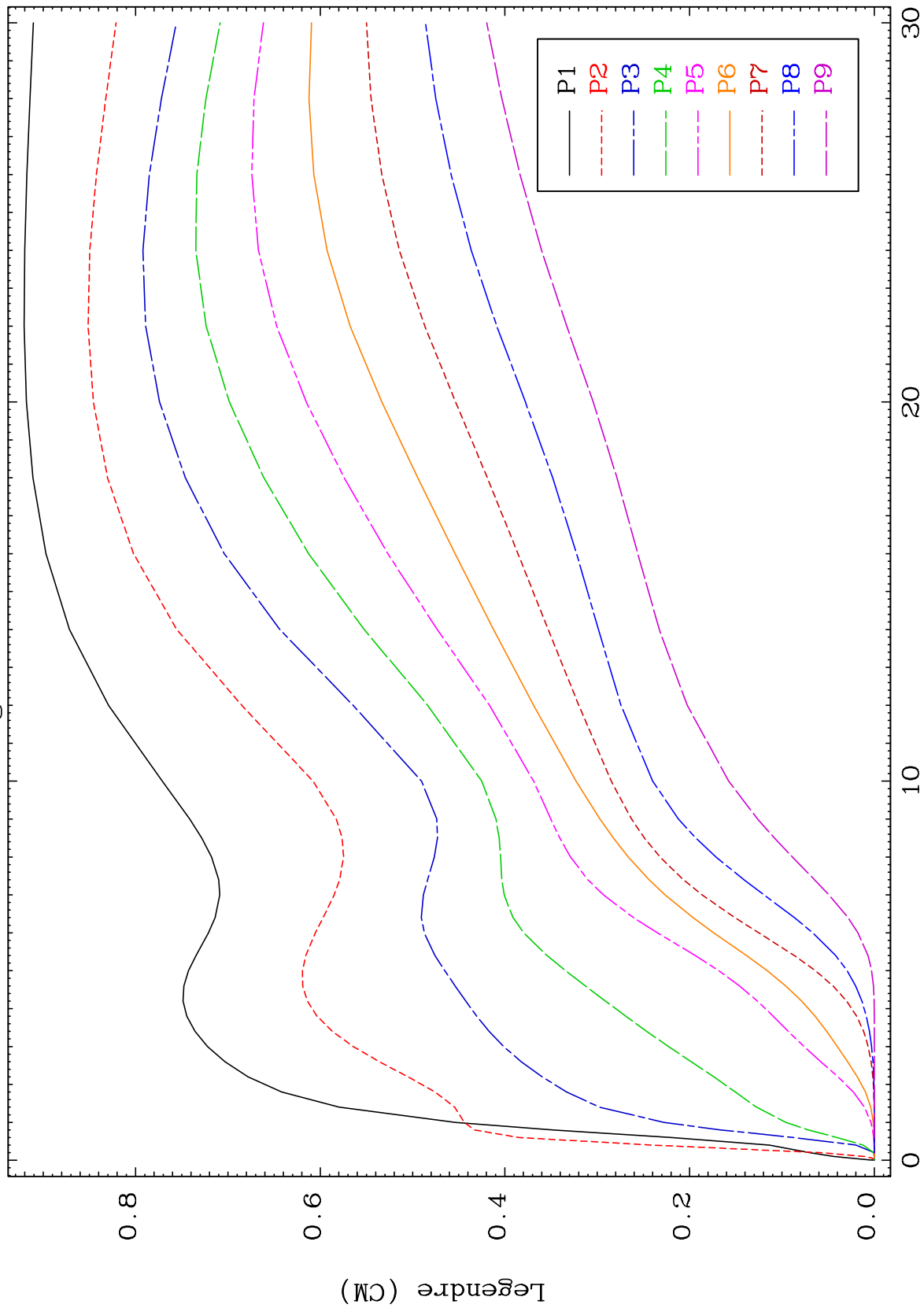
69-Tm-157



MAT 6889

Elastic Legendre Coefficients

69-Tm-157



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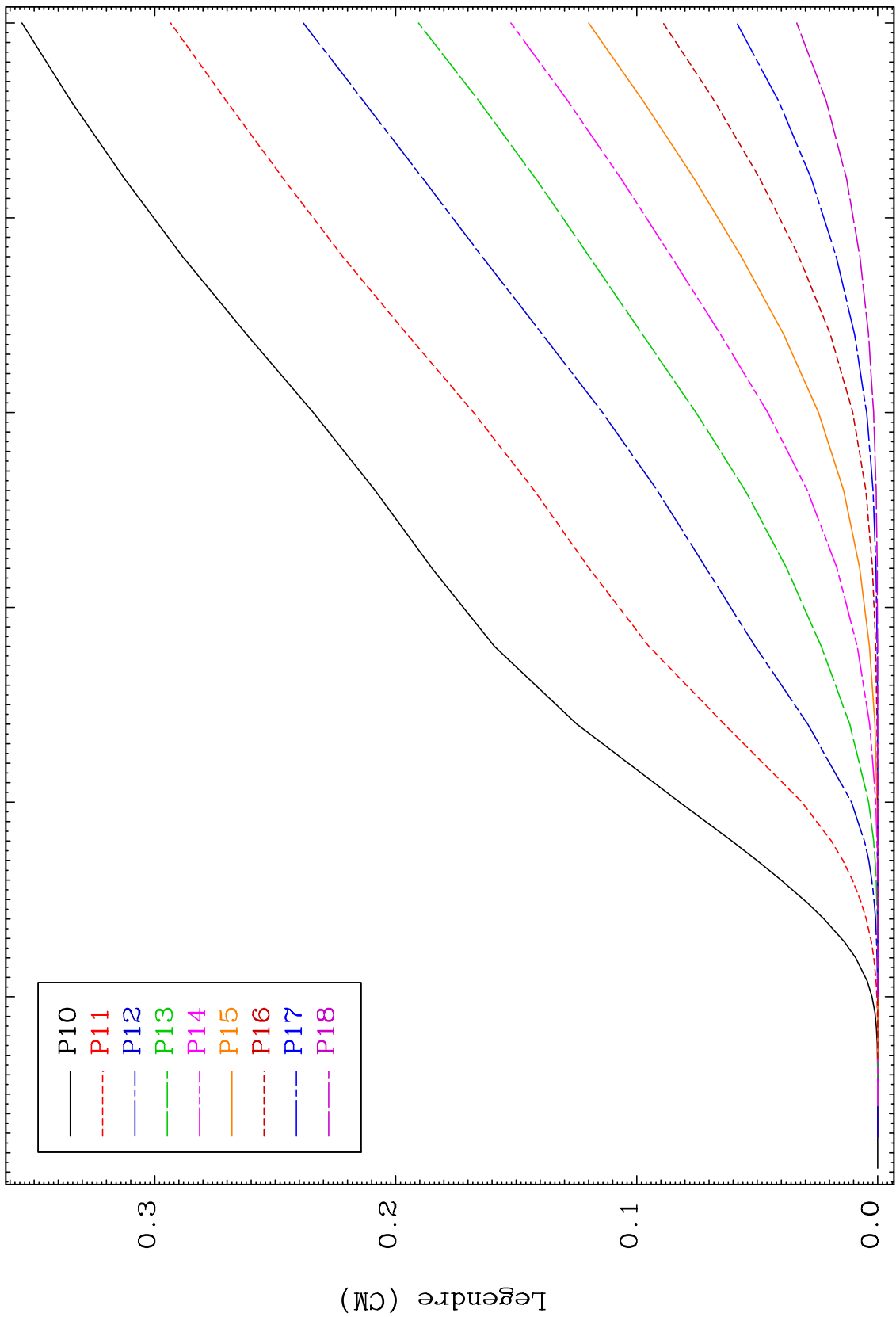
Incident Energy (MeV)

69-Tm-157

MAT 6889

Elastic Legendre Coefficients

69-Tm-157



18

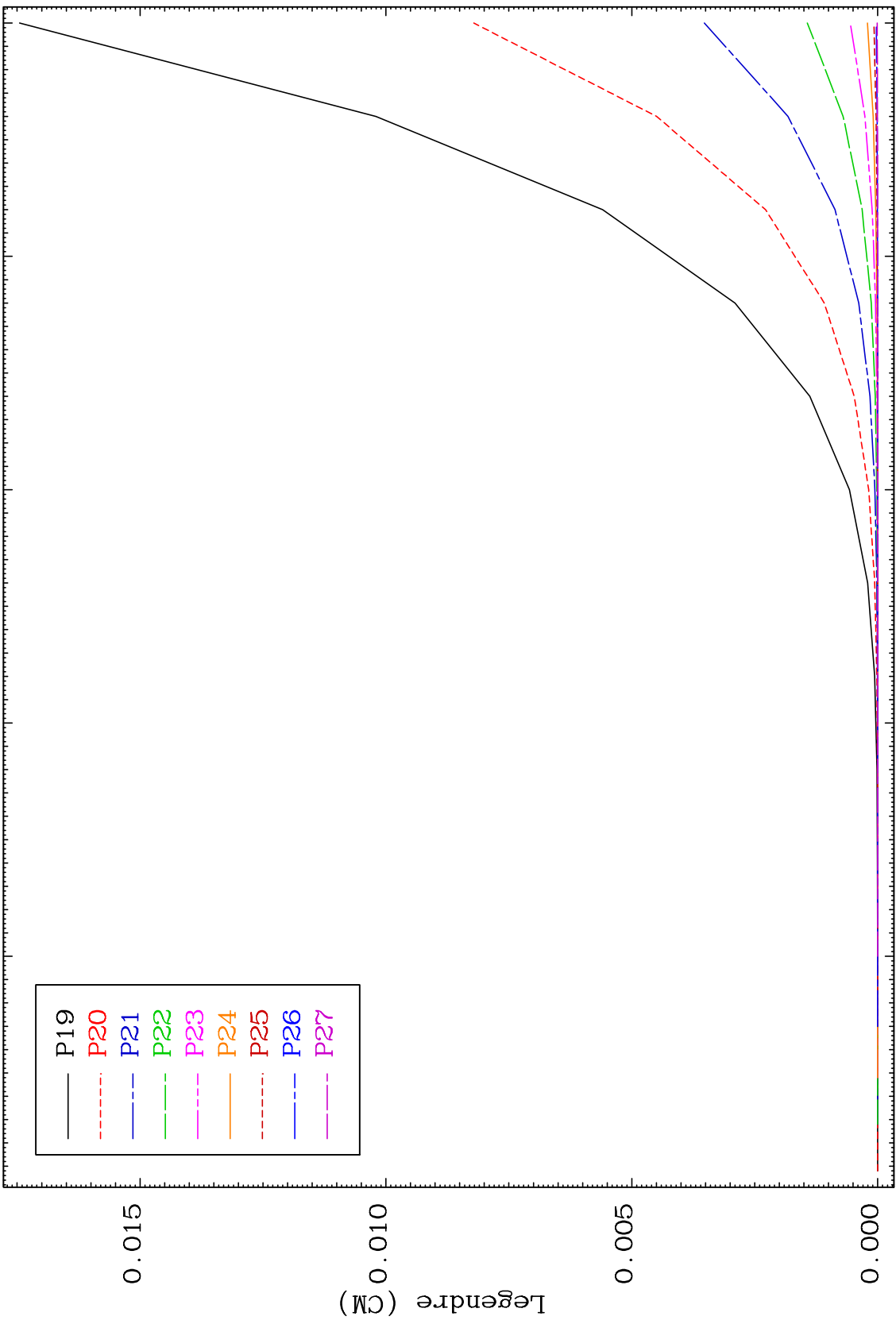
Incident Energy (MeV)

69-Tm-157

MAT 6889

Elastic Legendre Coefficients

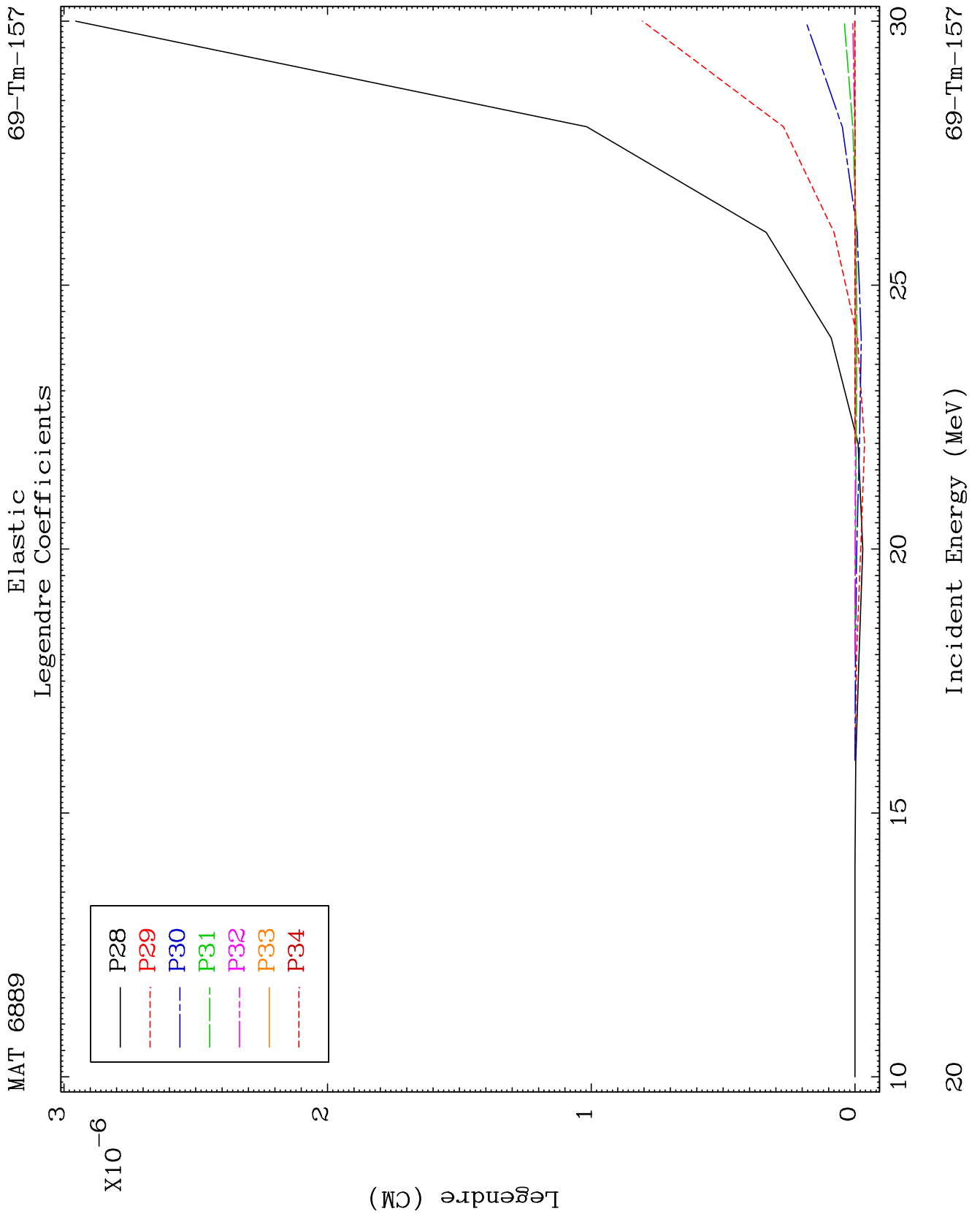
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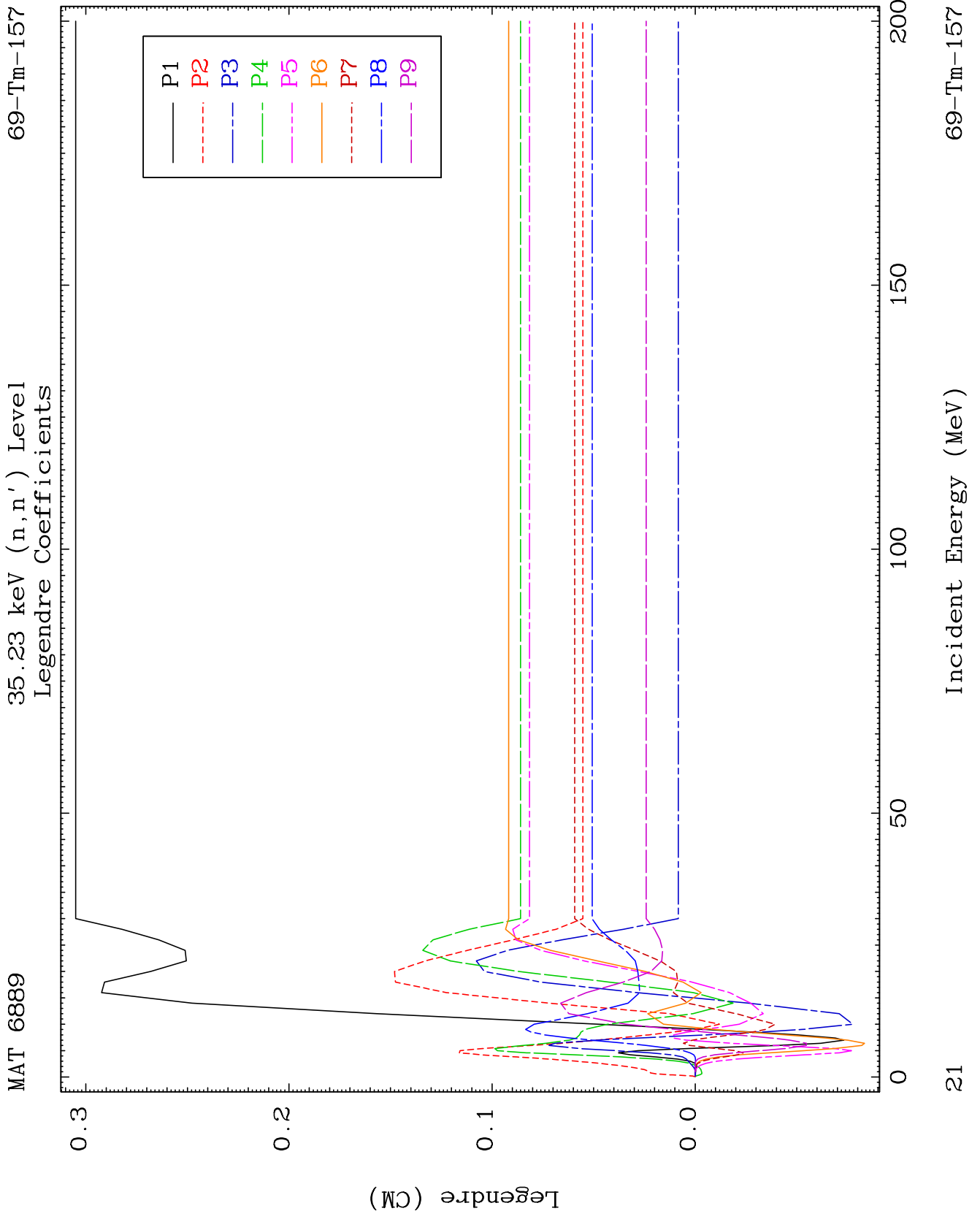


19

Incident Energy (MeV)

69-Tm-157

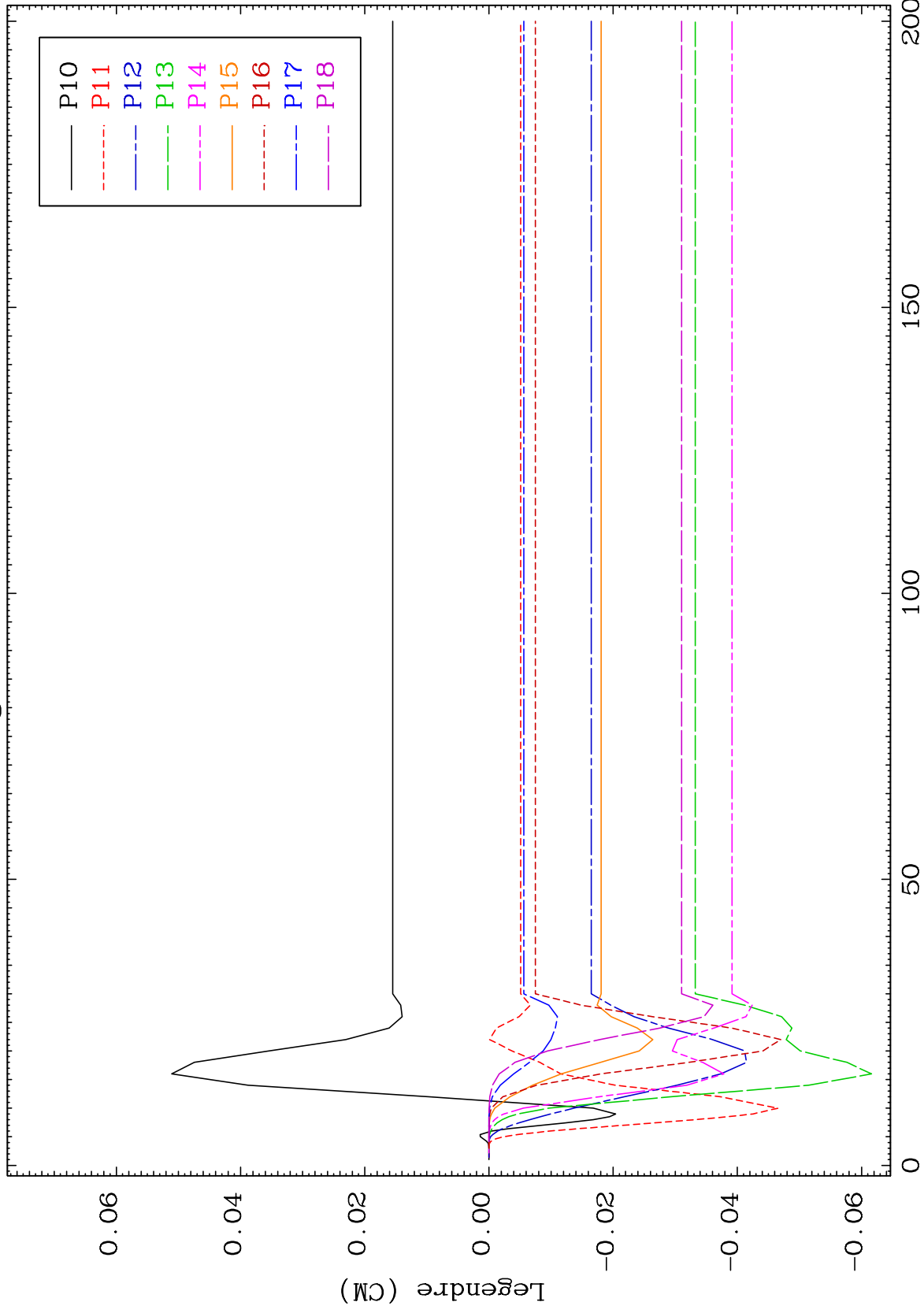




MAT 6889

35.23 keV (n,n') Level
Legendre Coefficients

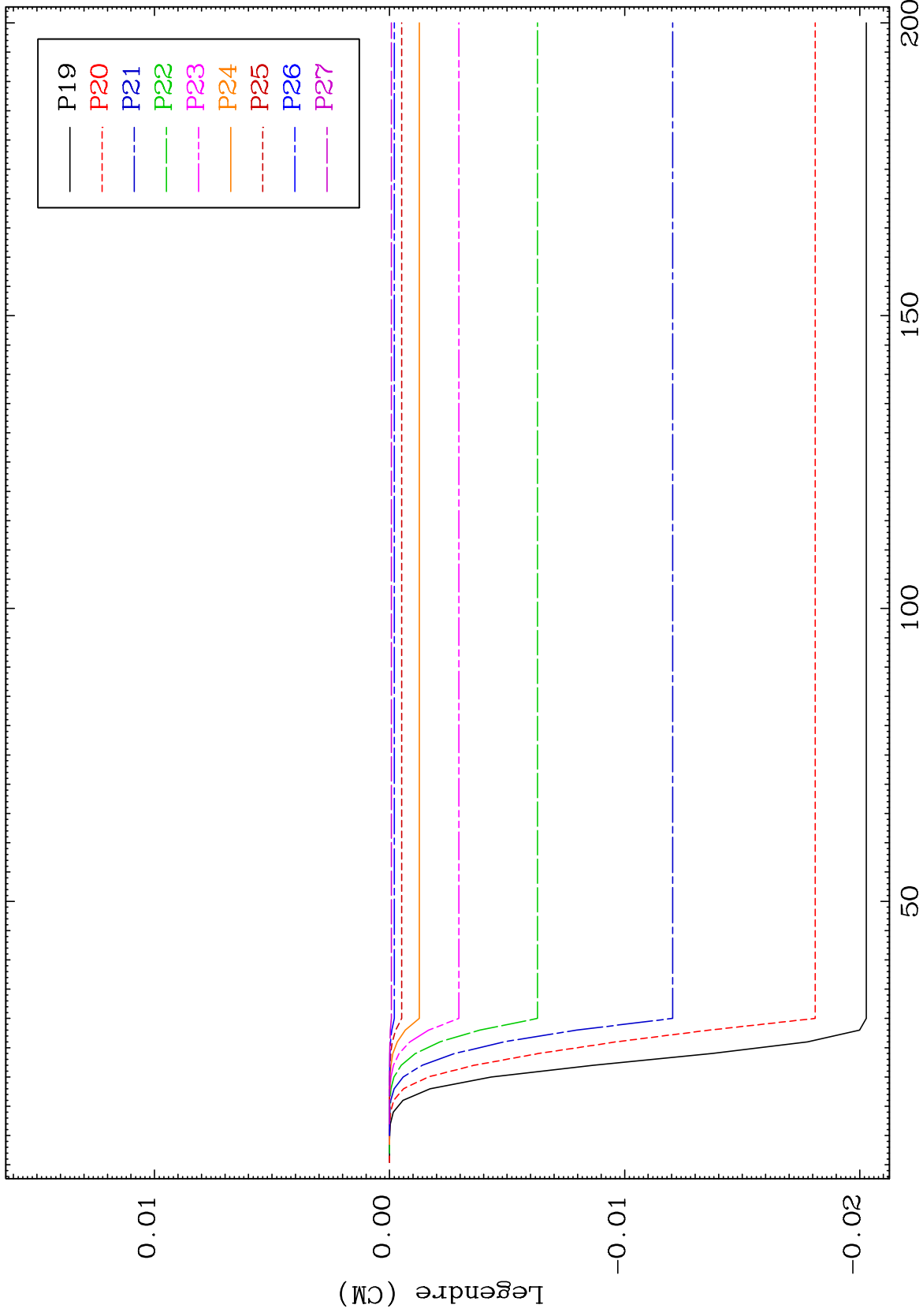
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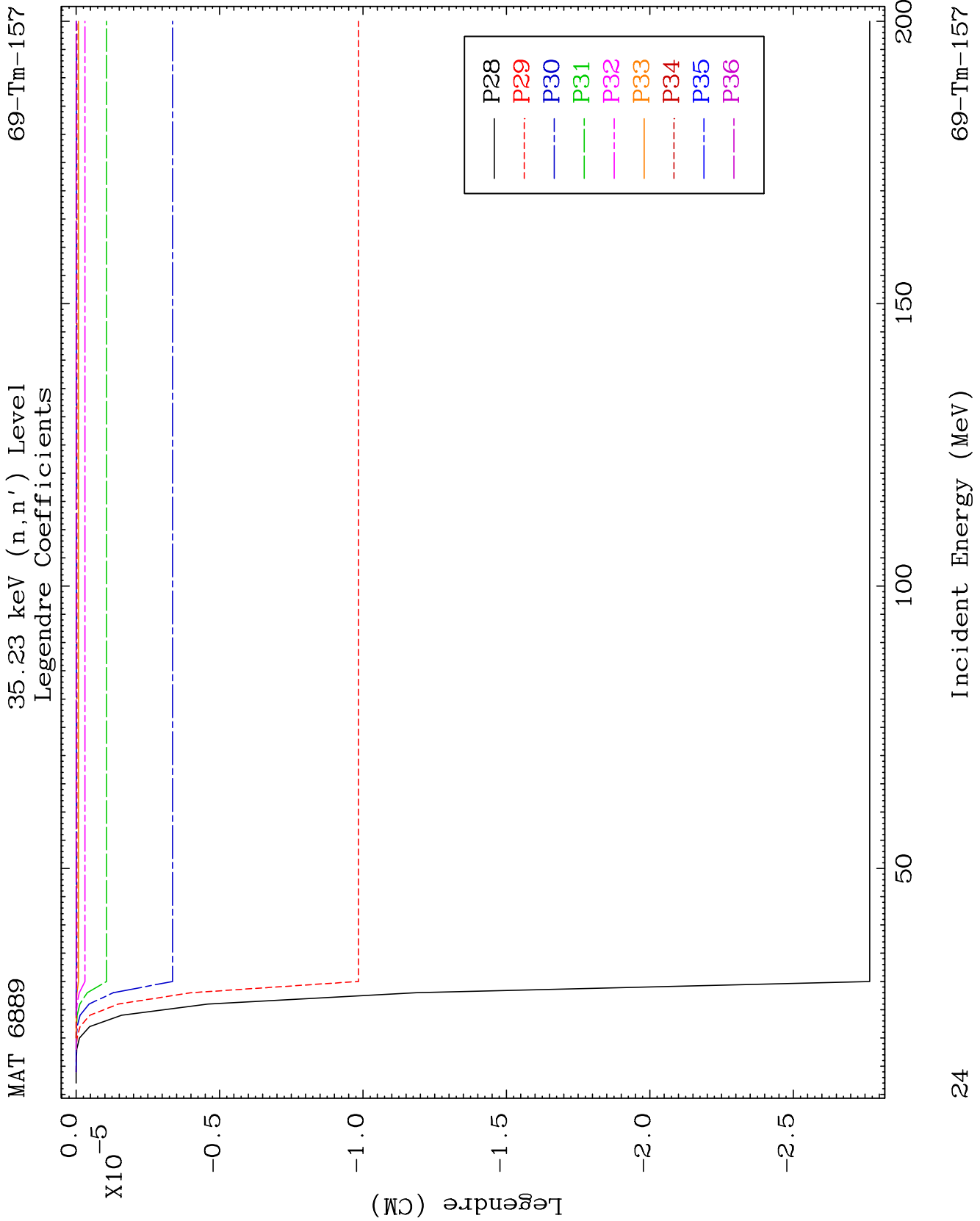


22

Incident Energy (MeV)

69-Tm-157

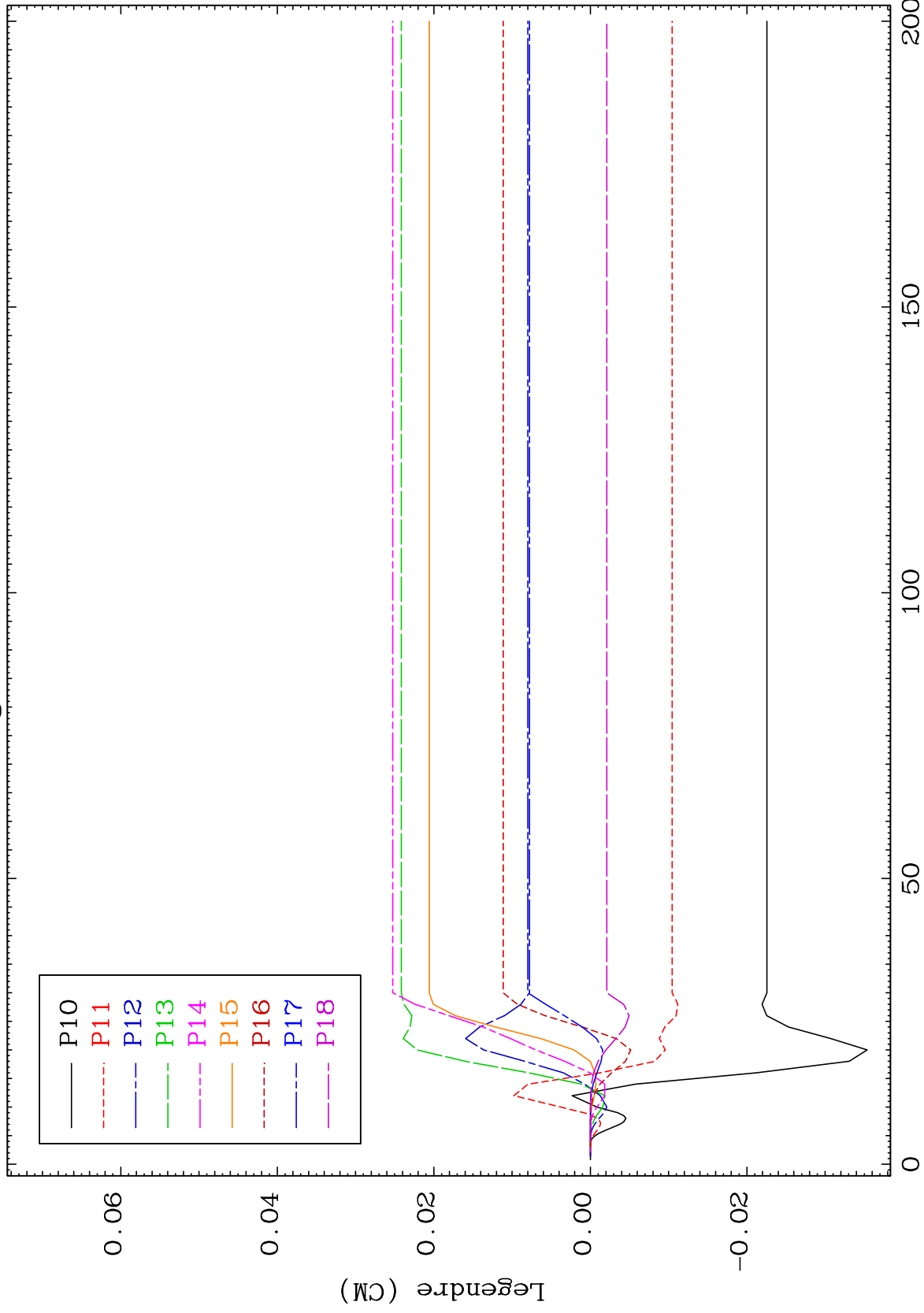




MAT 6889

69.51 keV (n,n') Level
Legendre Coefficients

69-Tm-157



26

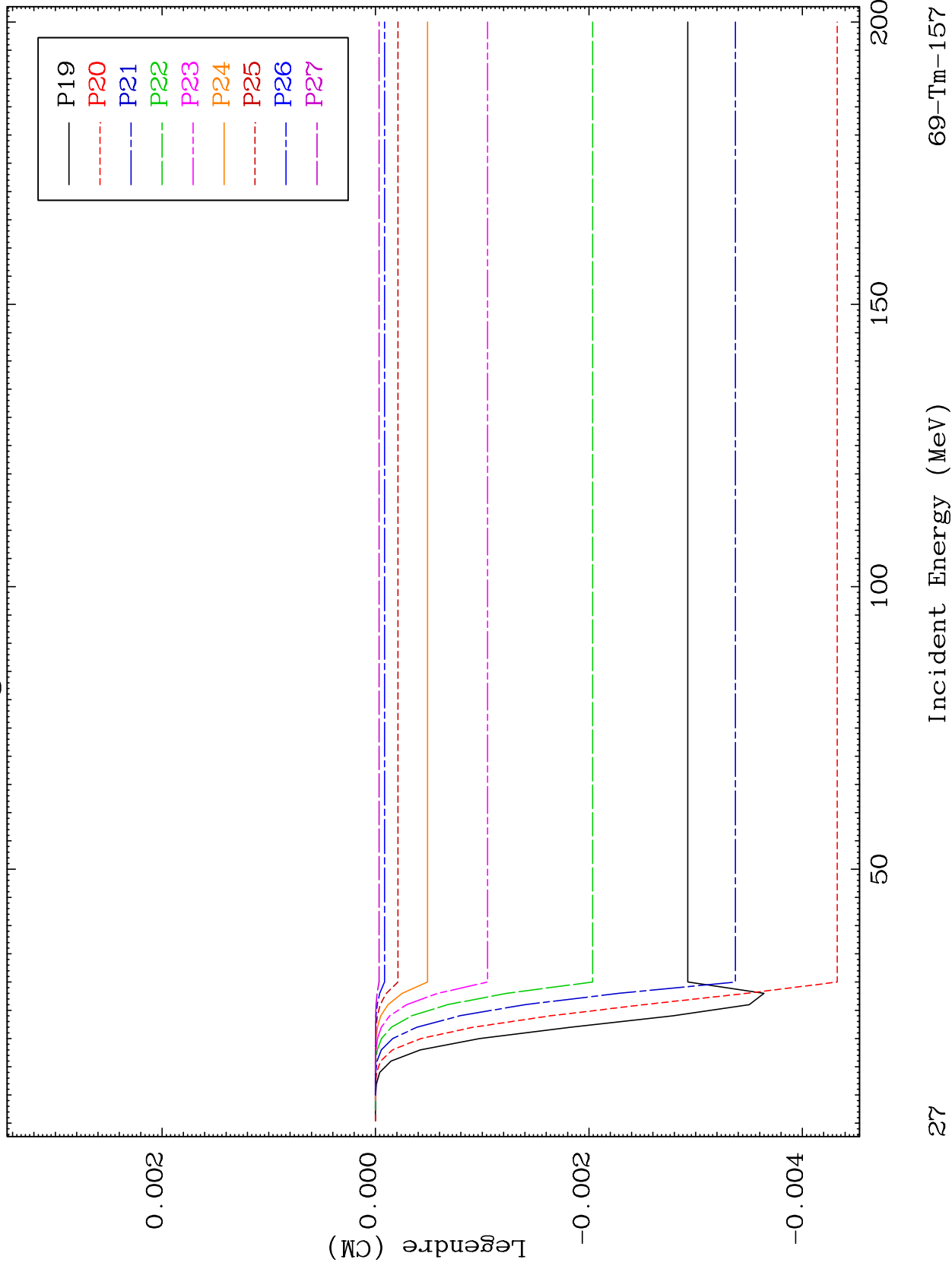
Incident Energy (MeV)

69-Tm-157

MAT 6889

69.51 keV (n,n') Level
Legendre Coefficients

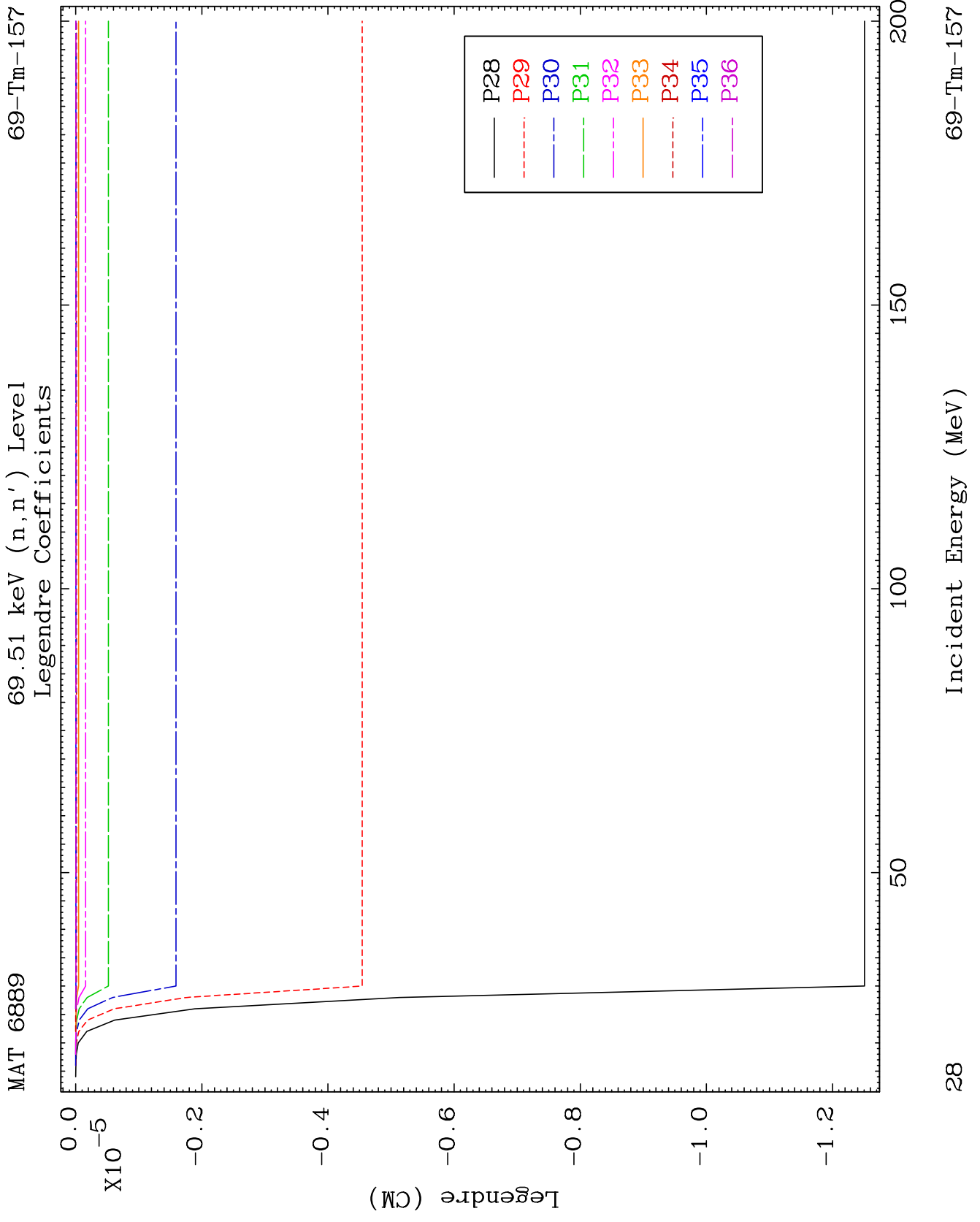
69-Tm-157



27

Incident Energy (MeV)

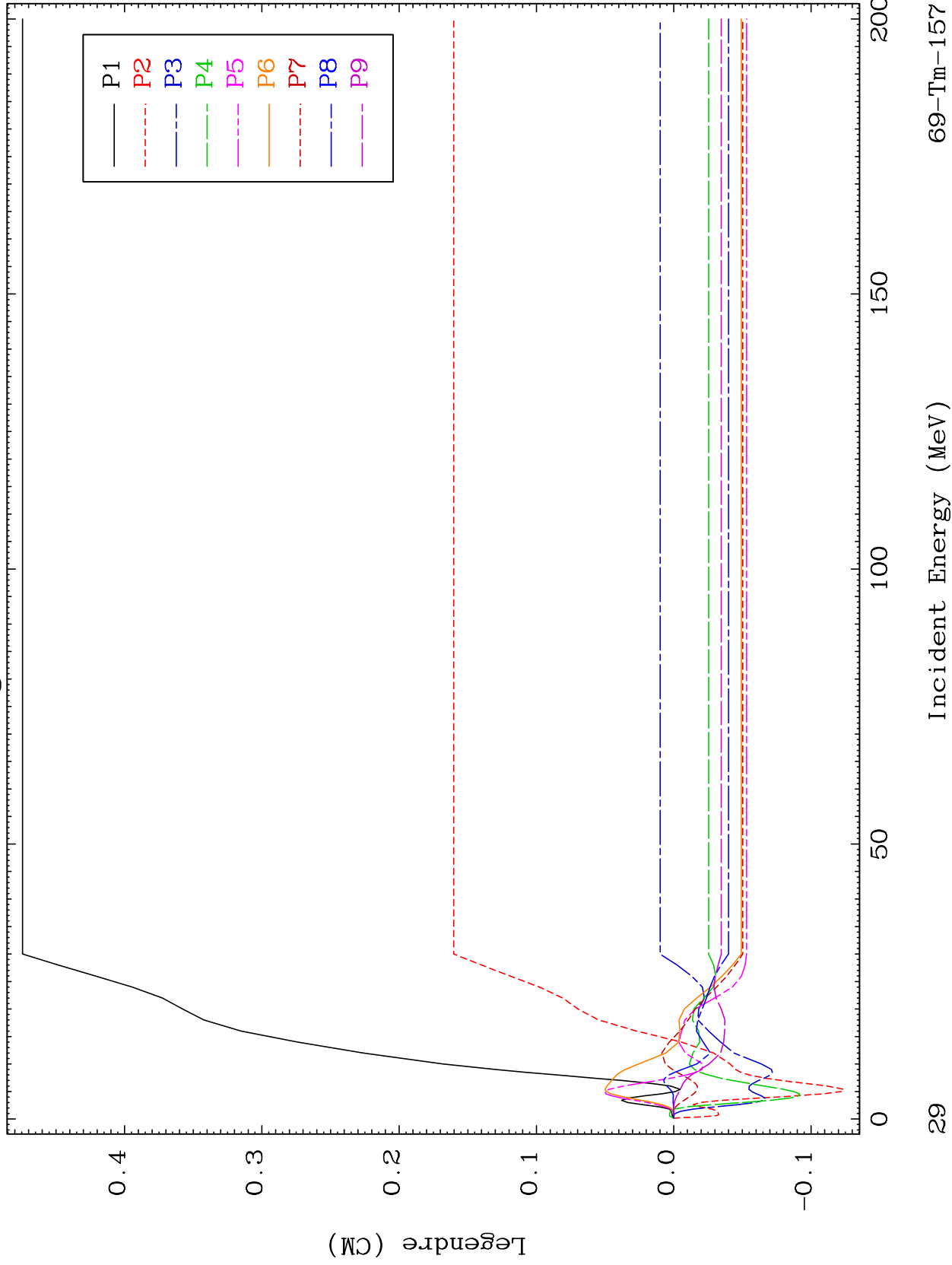
69-Tm-157



MAT 6889

105.8 keV (n,n') Level
Legendre Coefficients

69-Tm-157



69-Tm-157

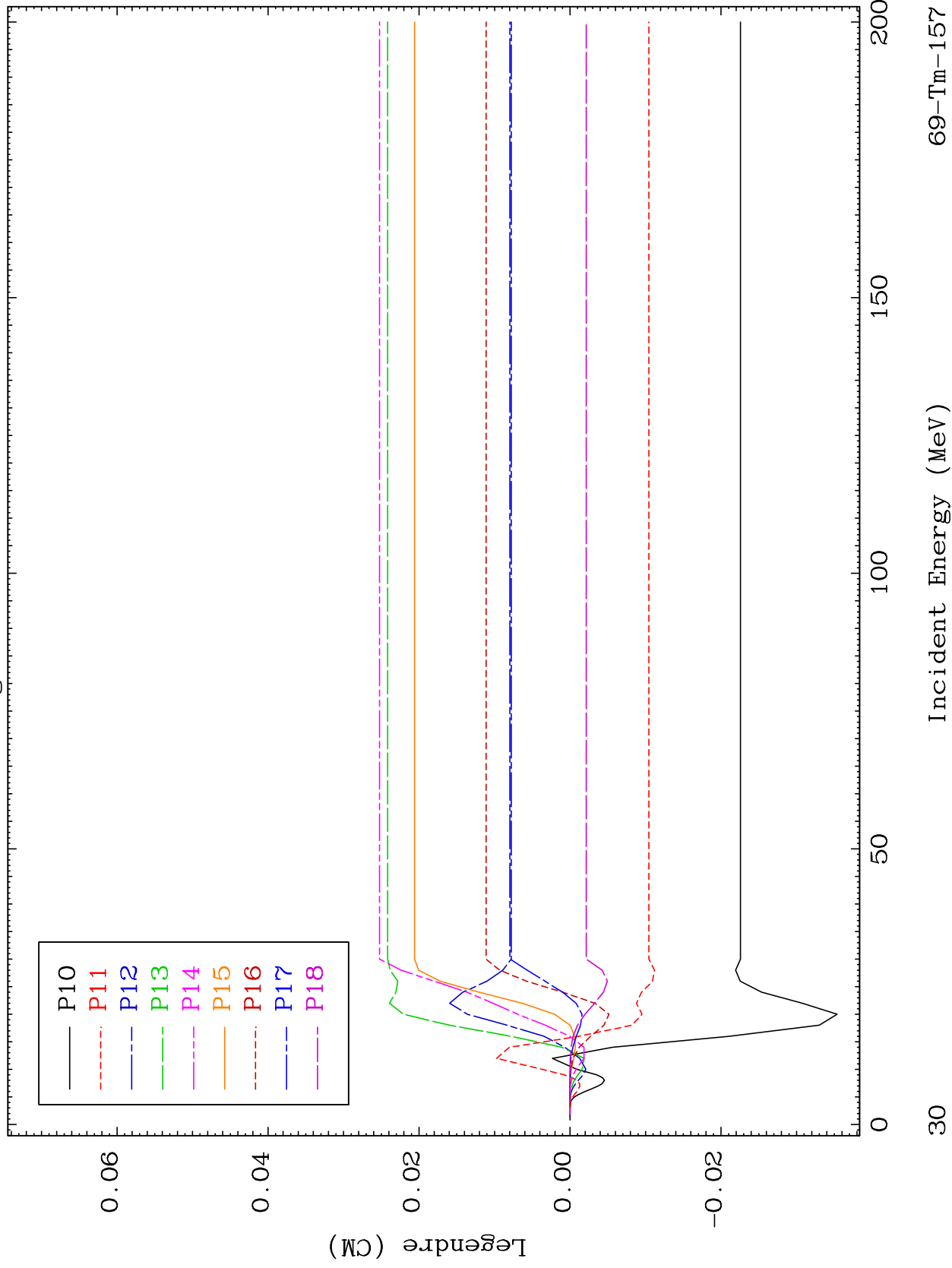
Incident Energy (MeV)

29

MAT 6889

105.8 keV (n,n') Level
Legendre Coefficients

69-Tm-157



69-Tm-157

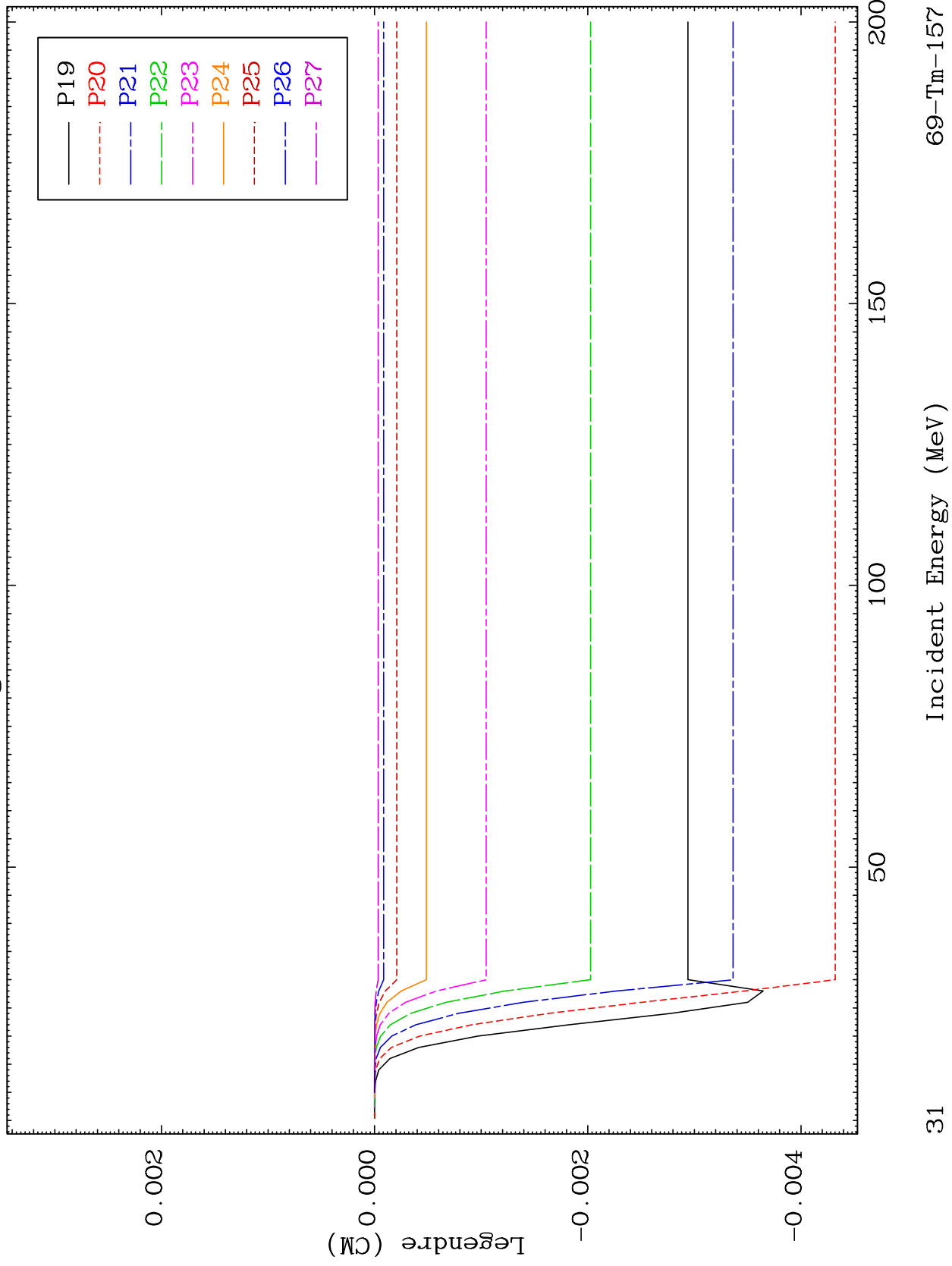
Incident Energy (MeV)

30

MAT 6889

105.8 keV (n,n') Level
Legendre Coefficients

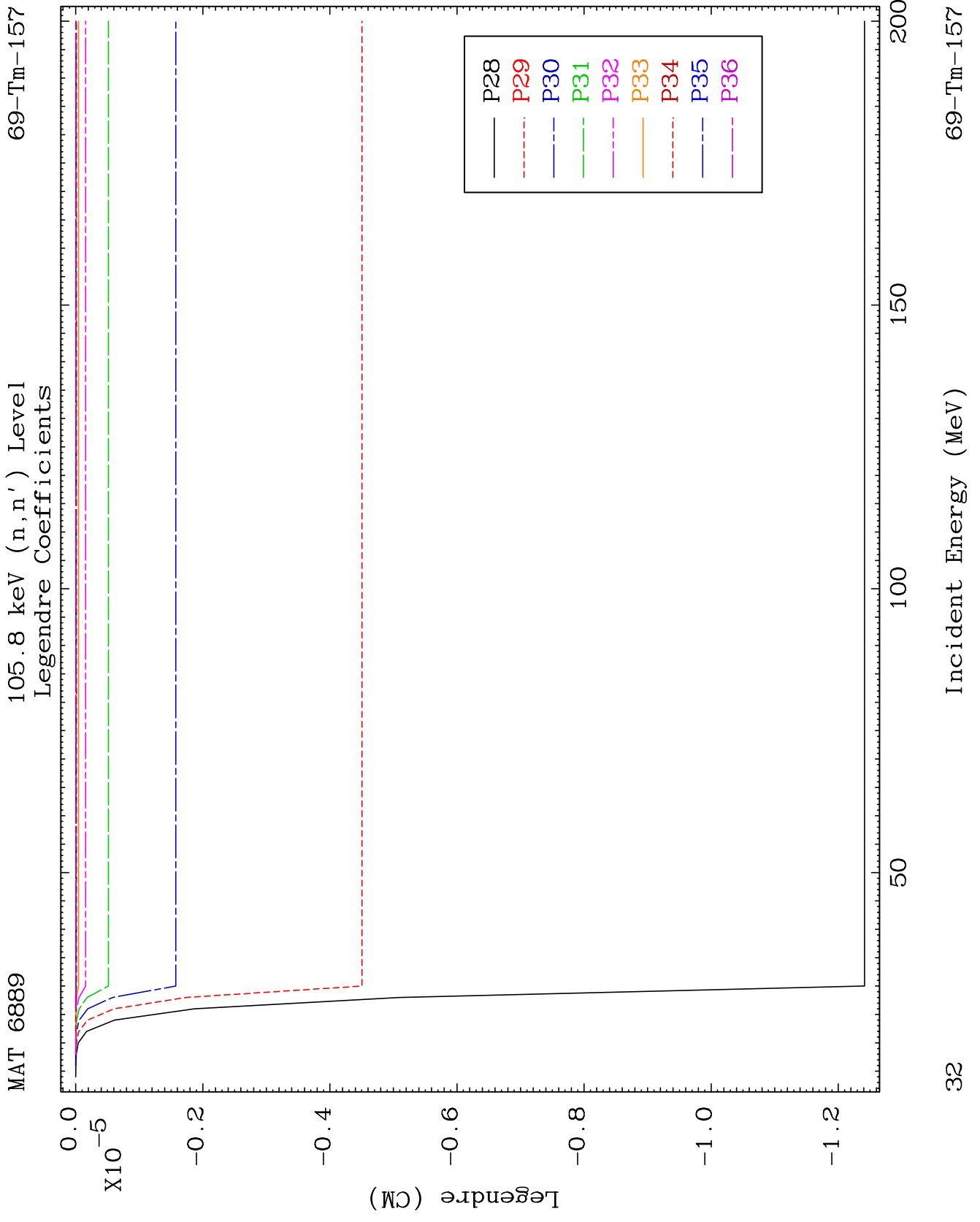
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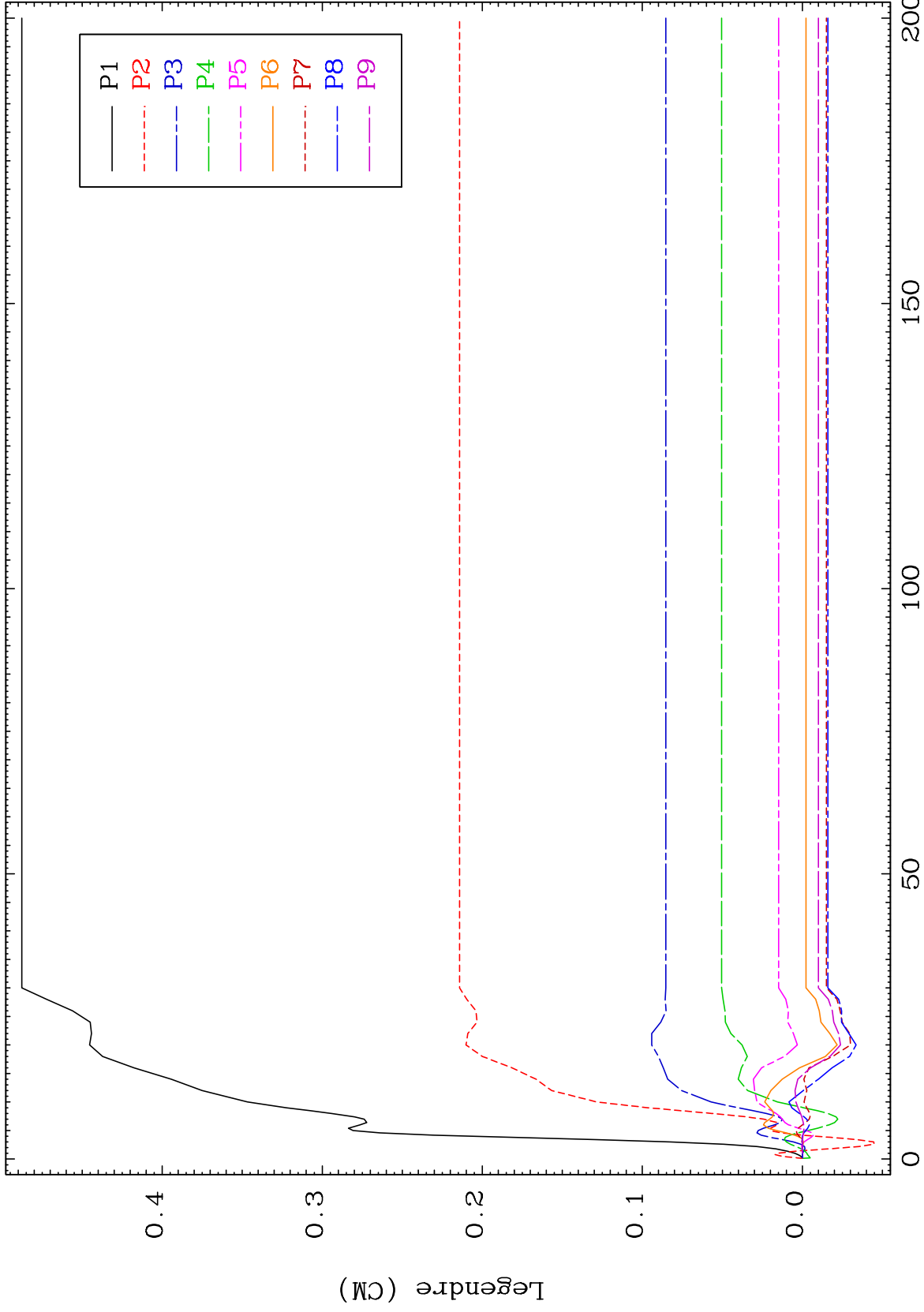


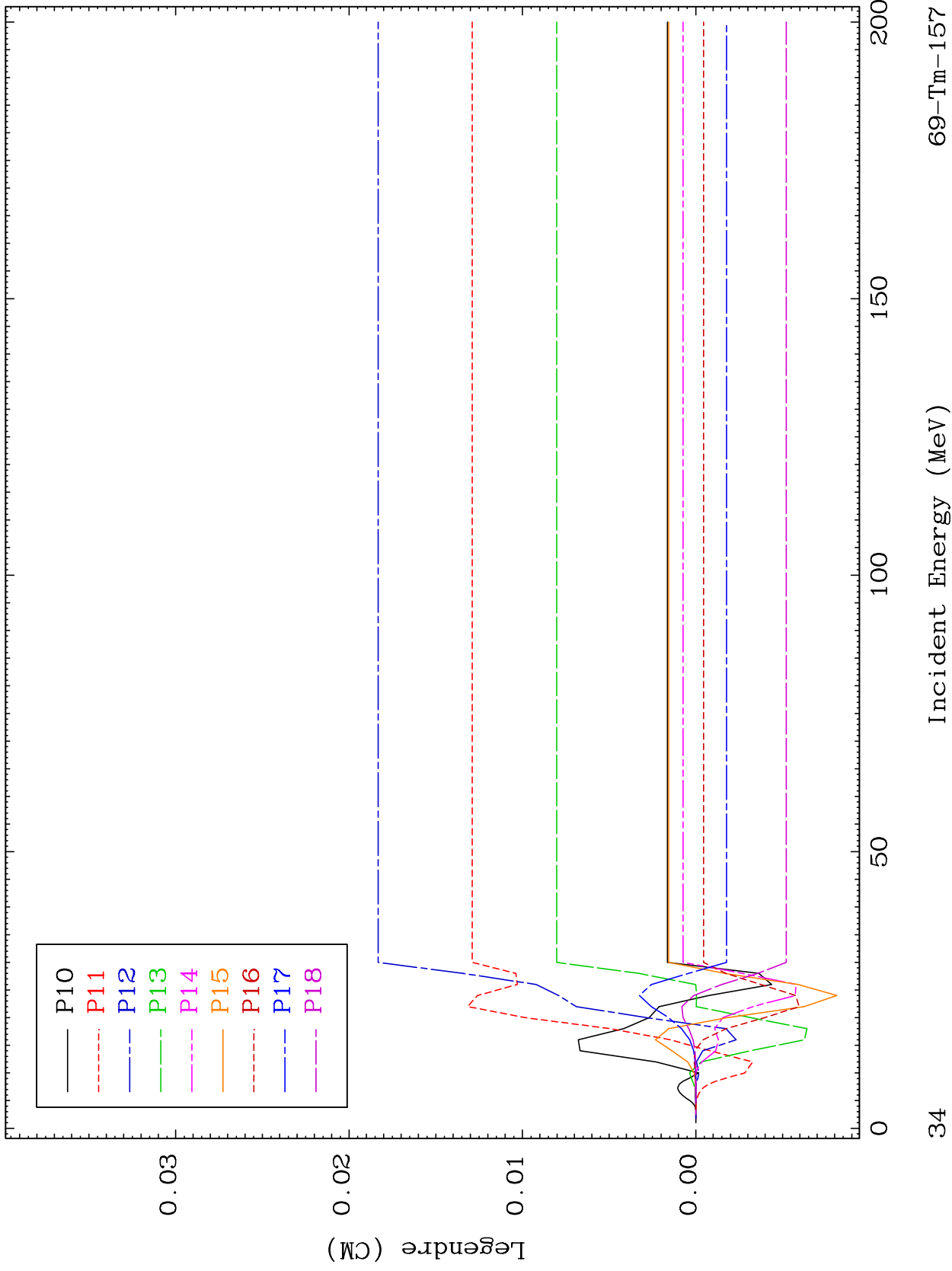
31

Incident Energy (MeV)

69-Tm-157



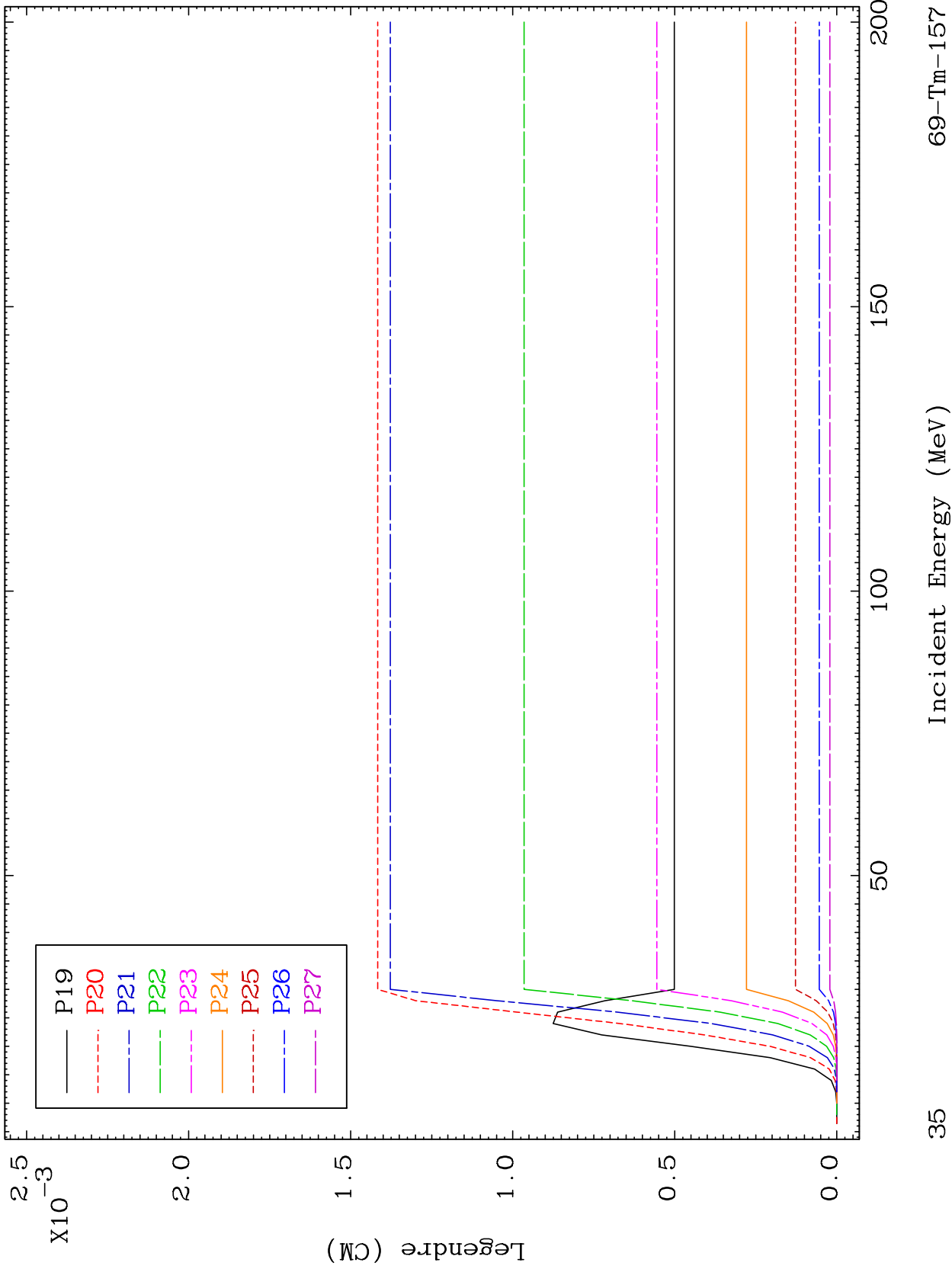




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115.2 keV (n,n') Level
Legendre Coefficients

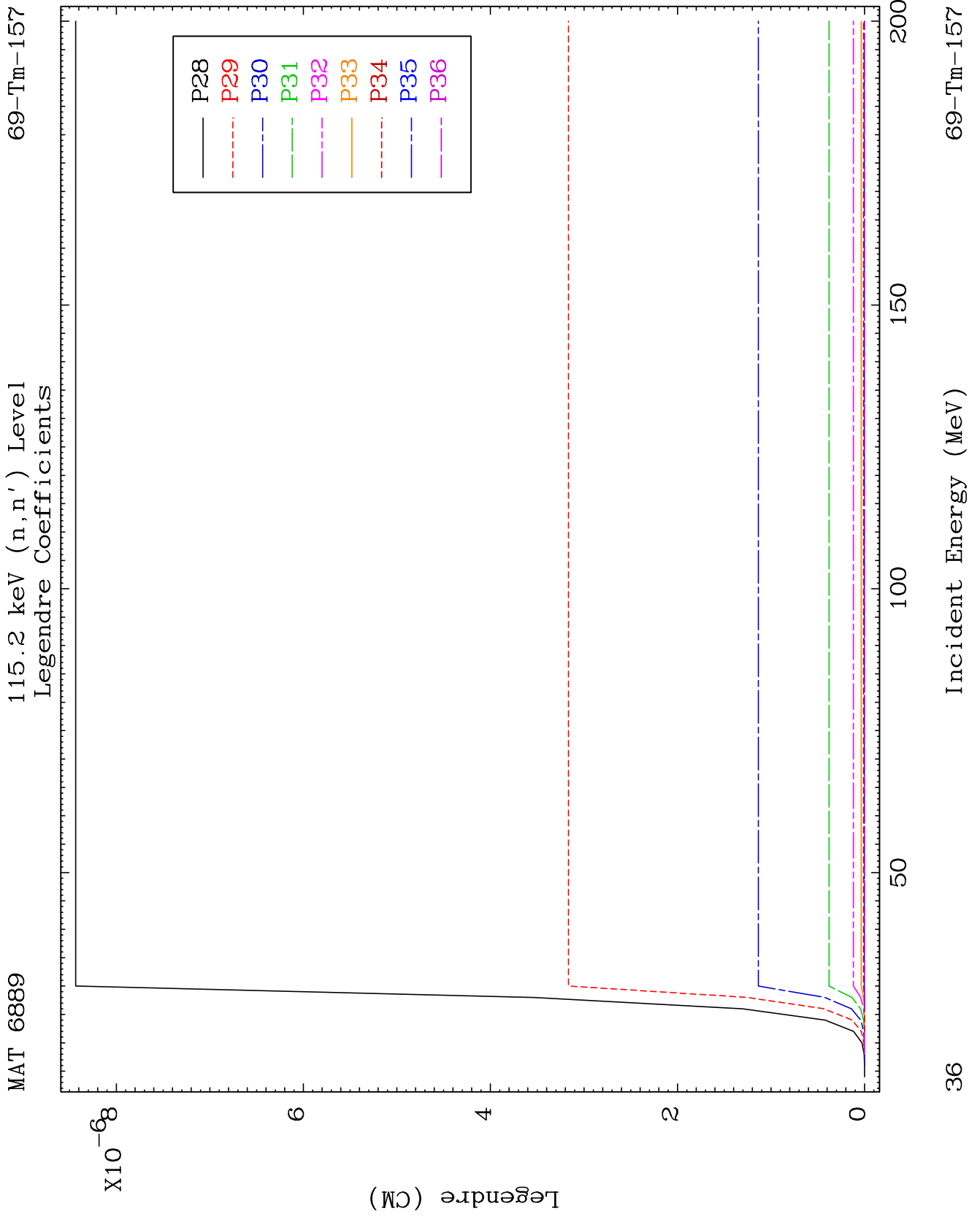
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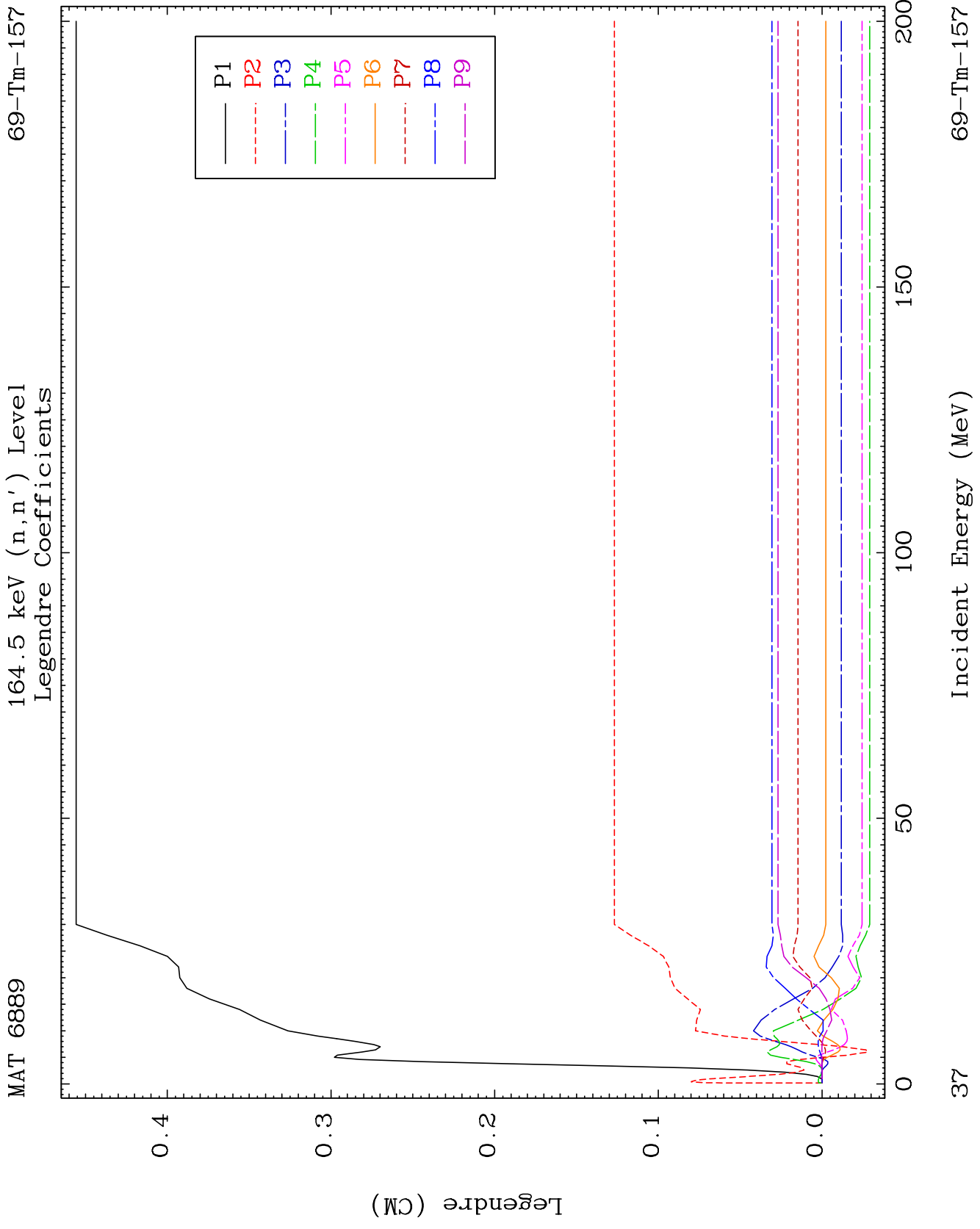


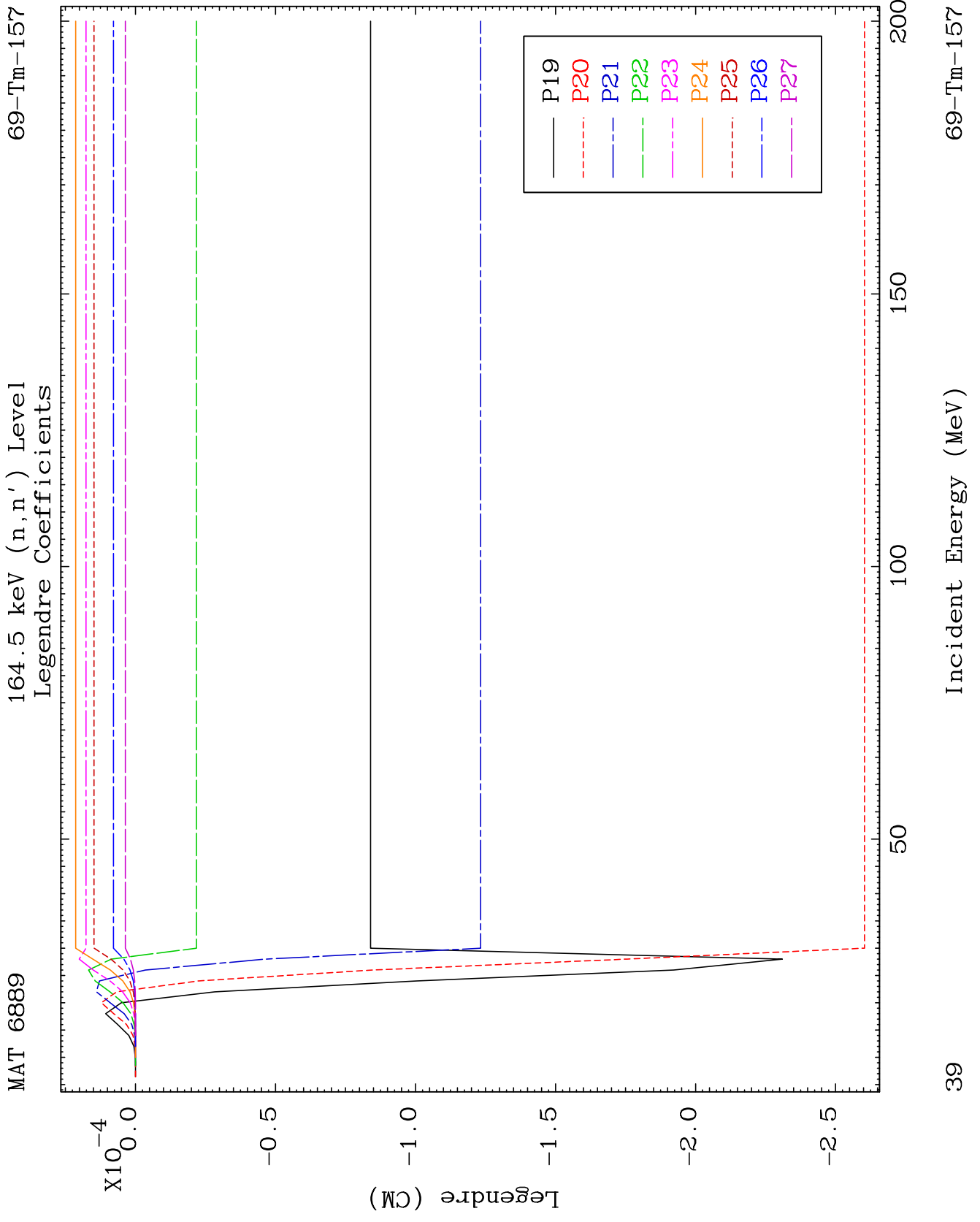
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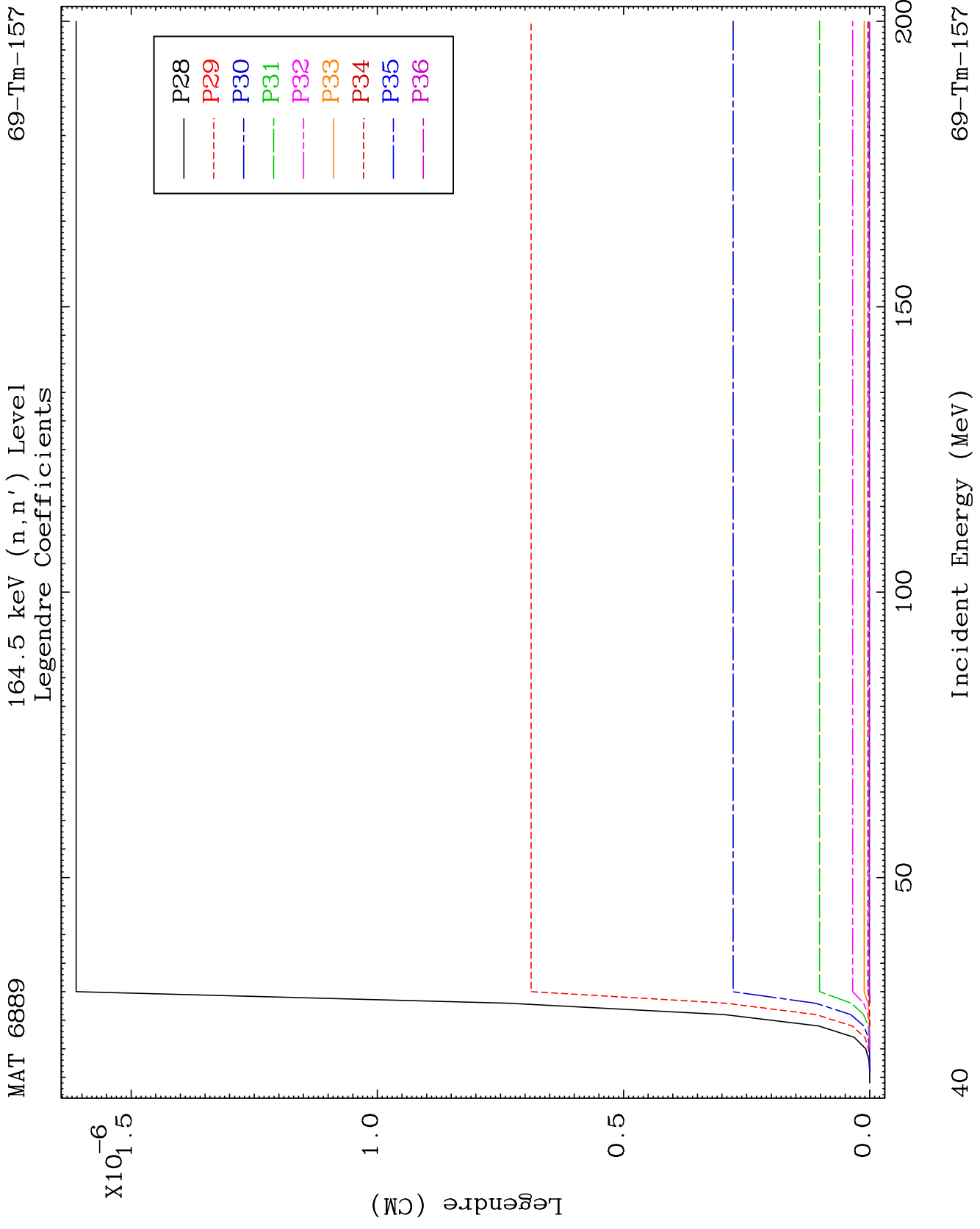
Incident Energy (MeV)

69-Tm-157





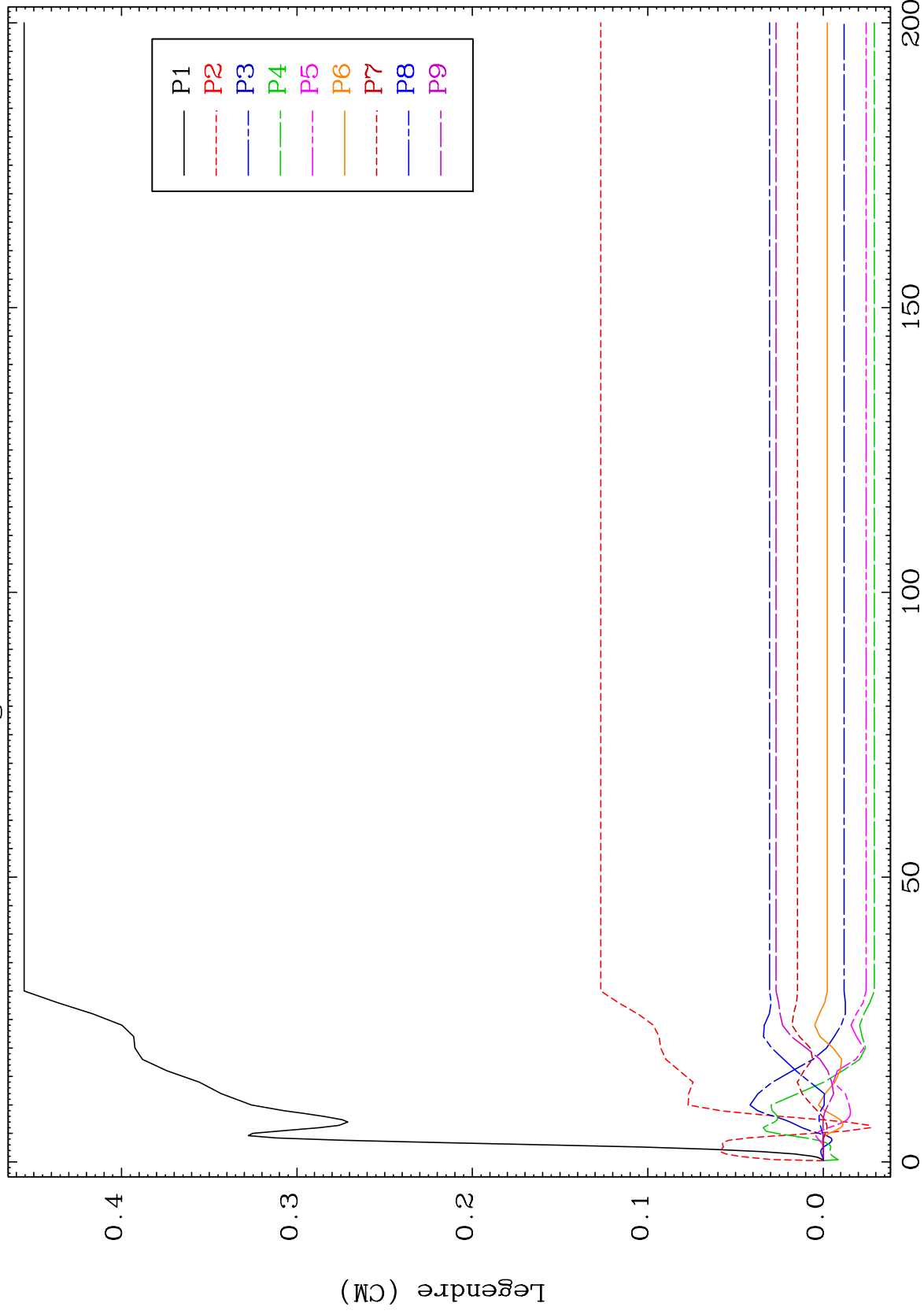




MAT 6889

206.8 keV (n,n') Level
Legendre Coefficients

69-Tm-157



41

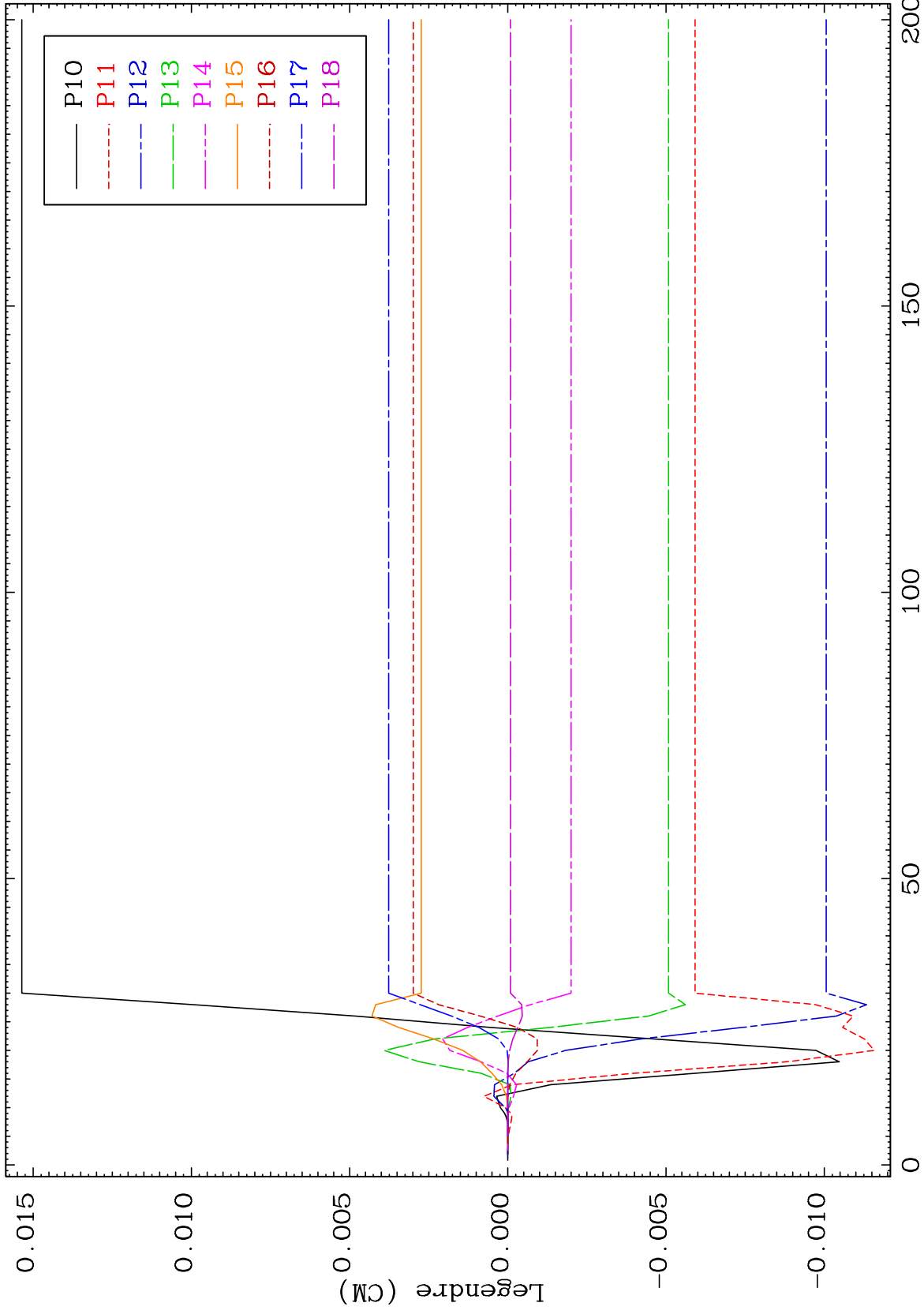
Incident Energy (MeV)

69-Tm-157

MAT 6889

206.8 keV (n,n') Level
Legendre Coefficients

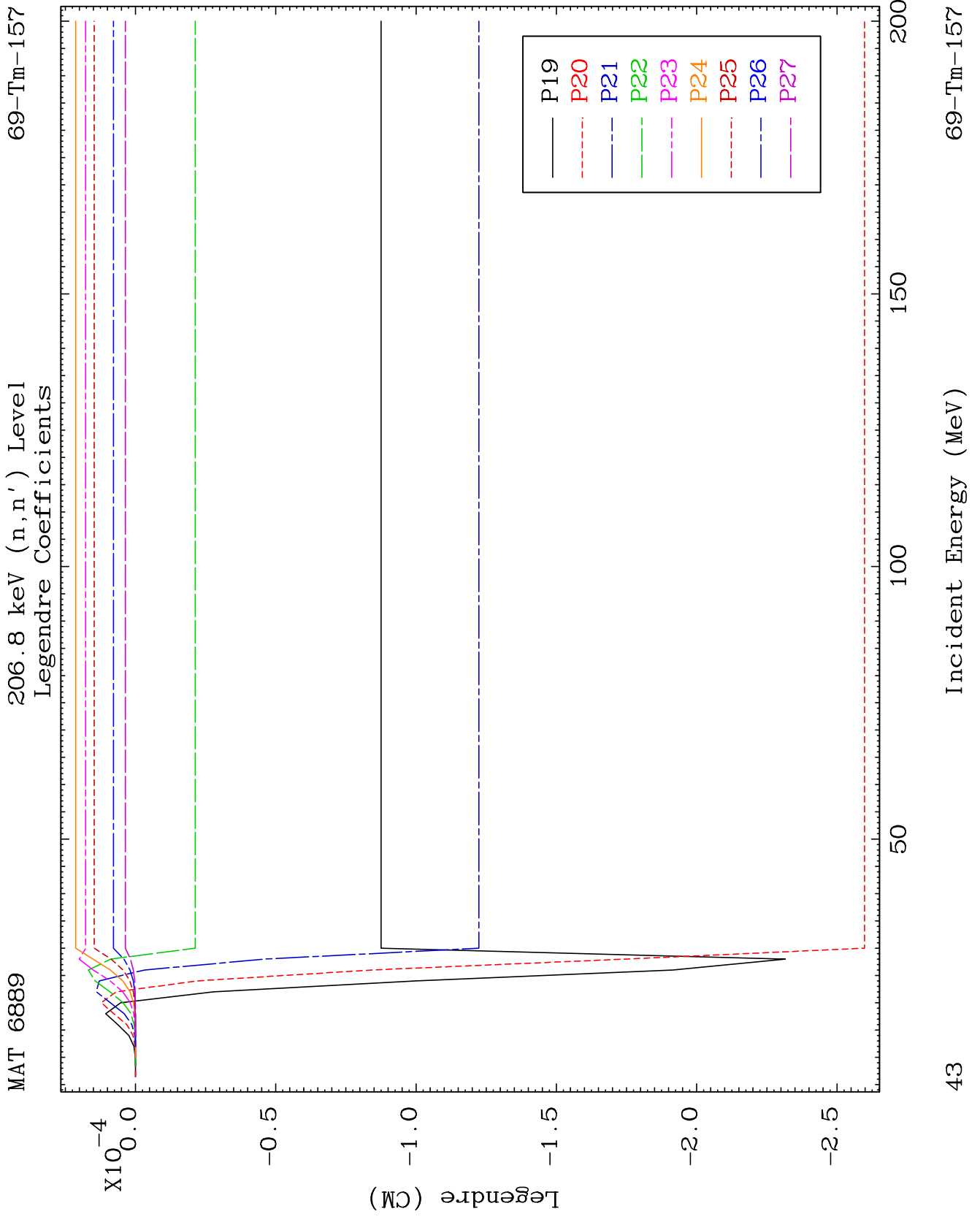
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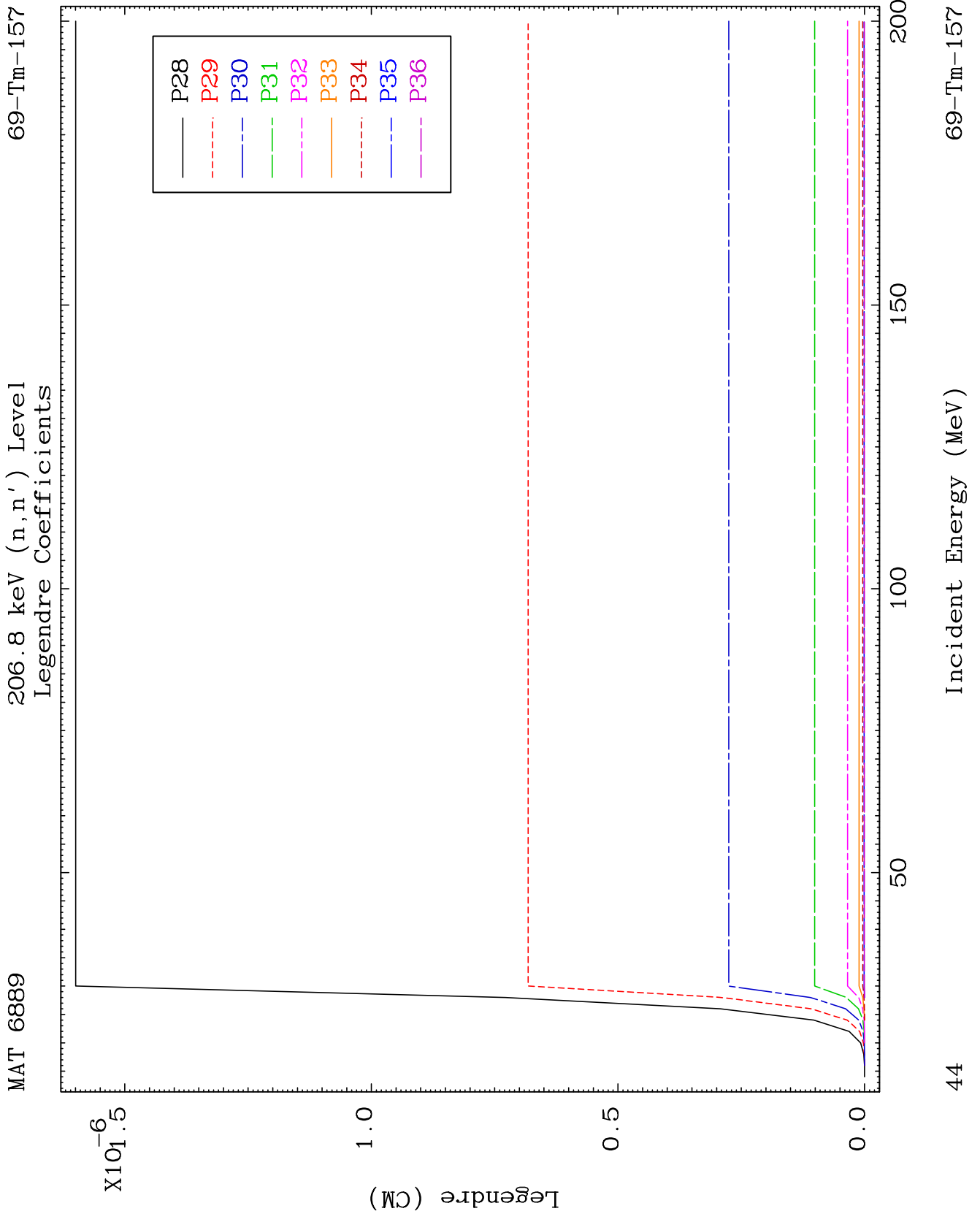


42

Incident Energy (MeV)

69-Tm-157

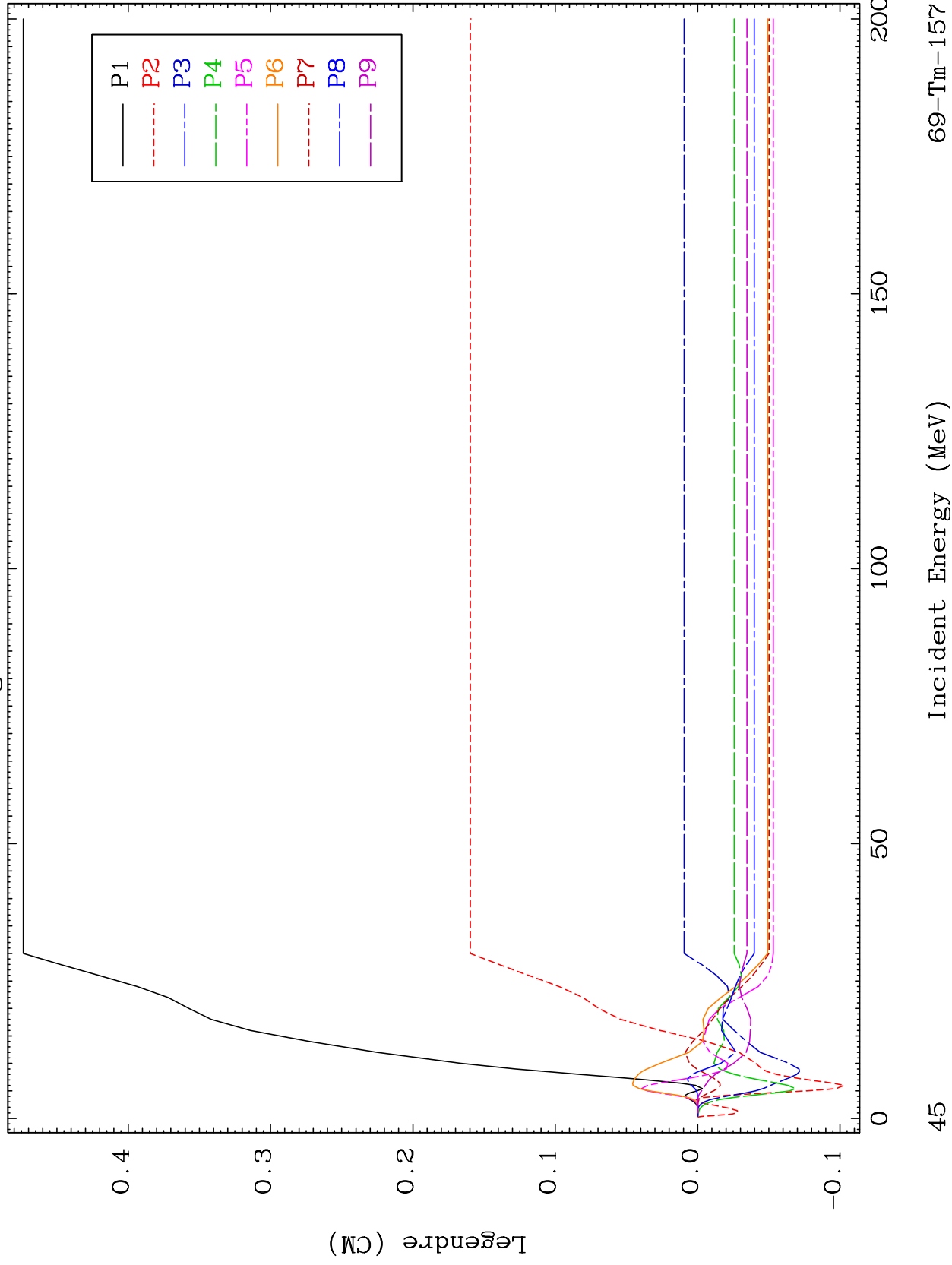




MAT 6889

231.1 keV (n,n') Level
Legendre Coefficients

69-Tm-157



69-Tm-157

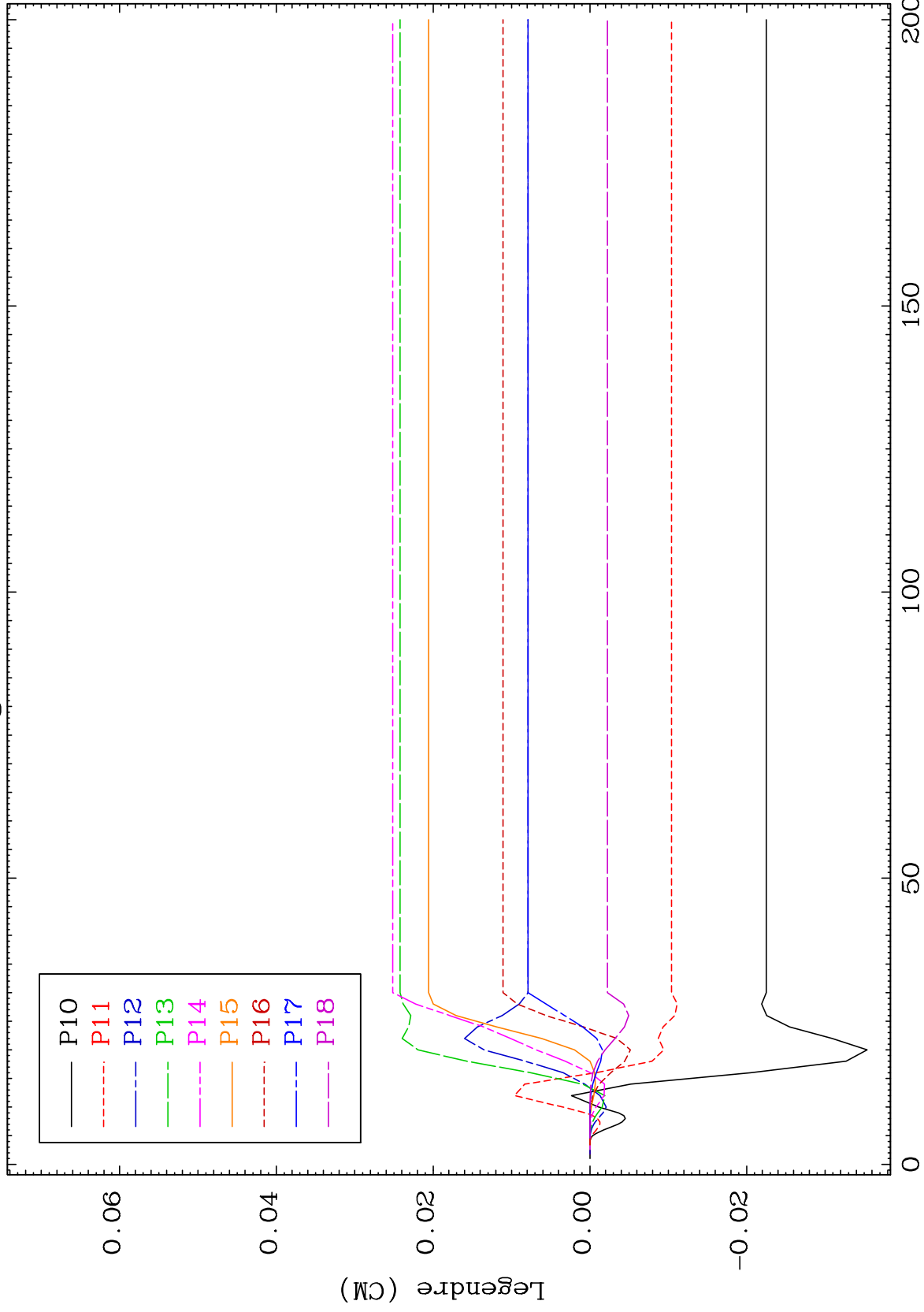
Incident Energy (MeV)

45

MAT 6889

231.1 keV (n,n') Level
Legendre Coefficients

69-Tm-157



46

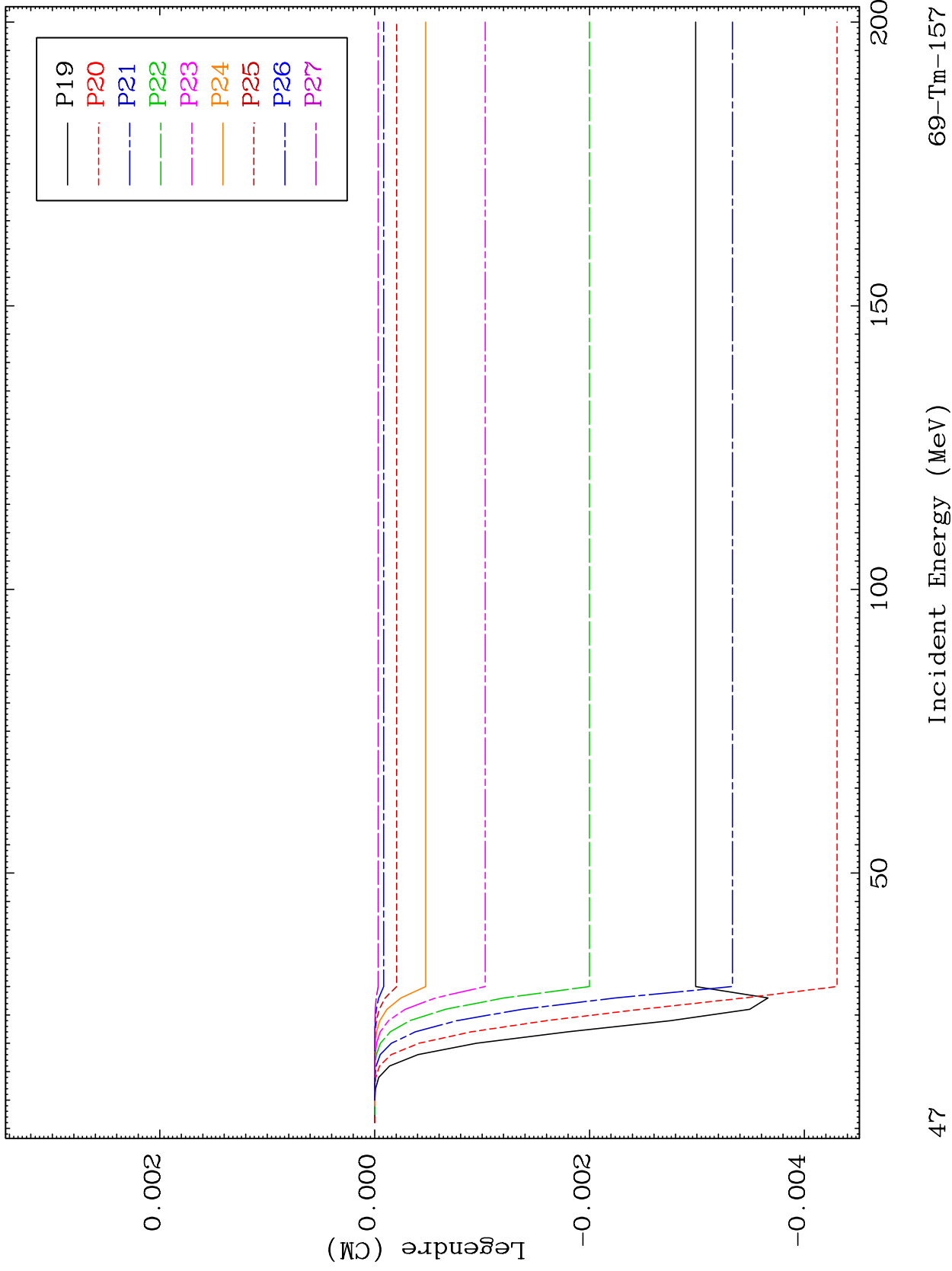
Incident Energy (MeV)

69-Tm-157

MAT 6889

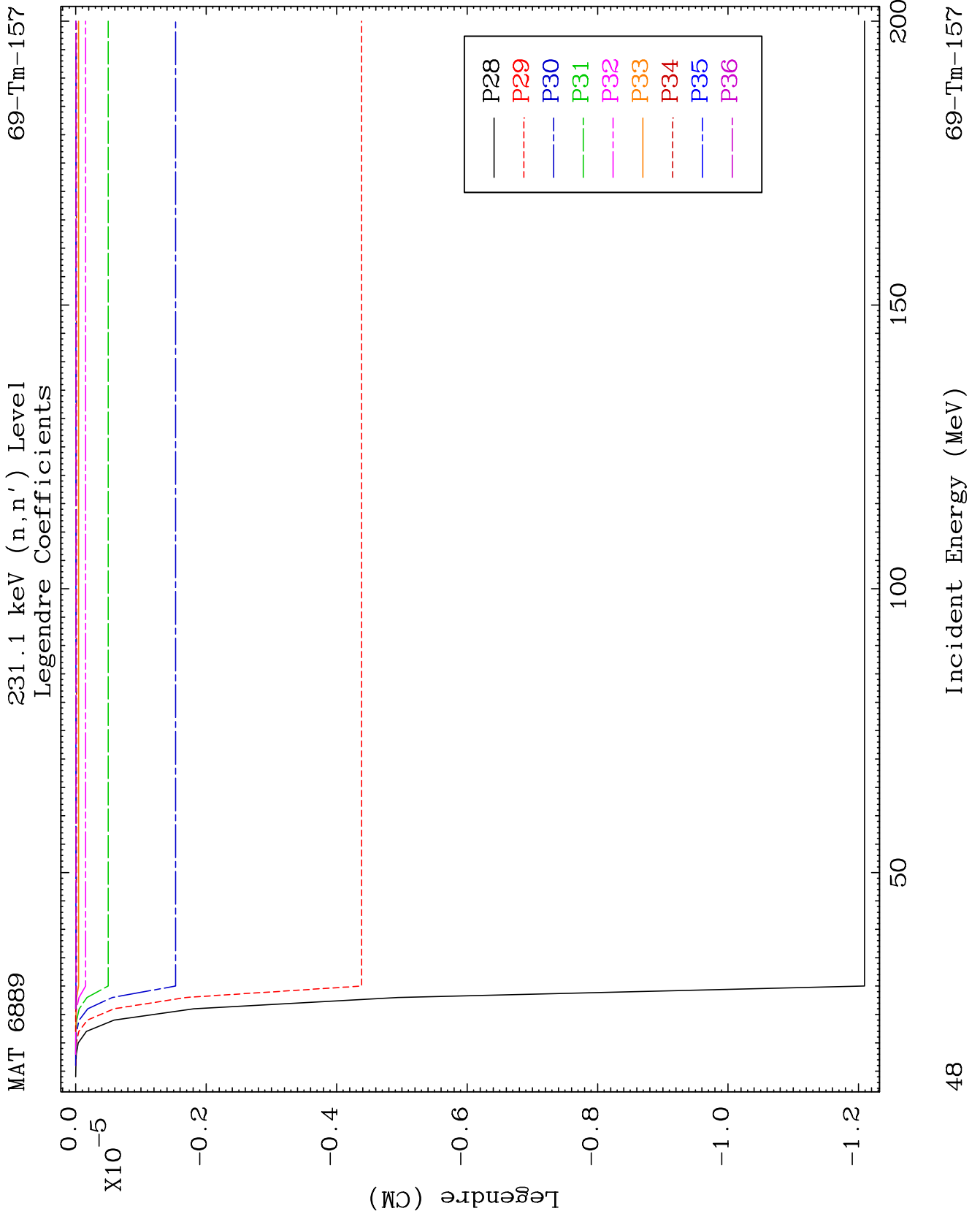
231.1 keV (n,n') Level
Legendre Coefficients

69-Tm-157



47

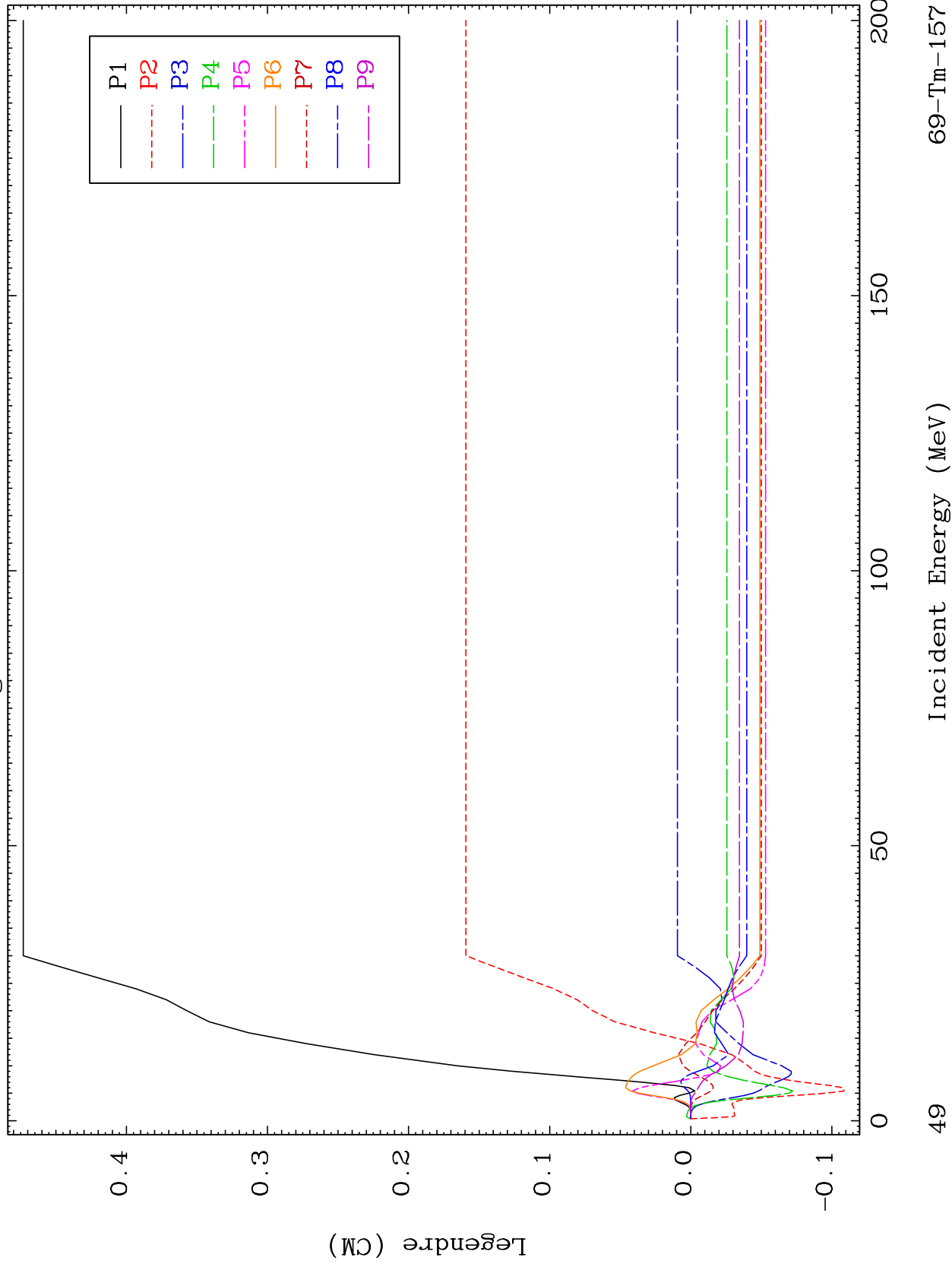
69-Tm-157



MAT 6889

317.5 keV (n,n') Level
Legendre Coefficients

69-Tm-157



69-Tm-157

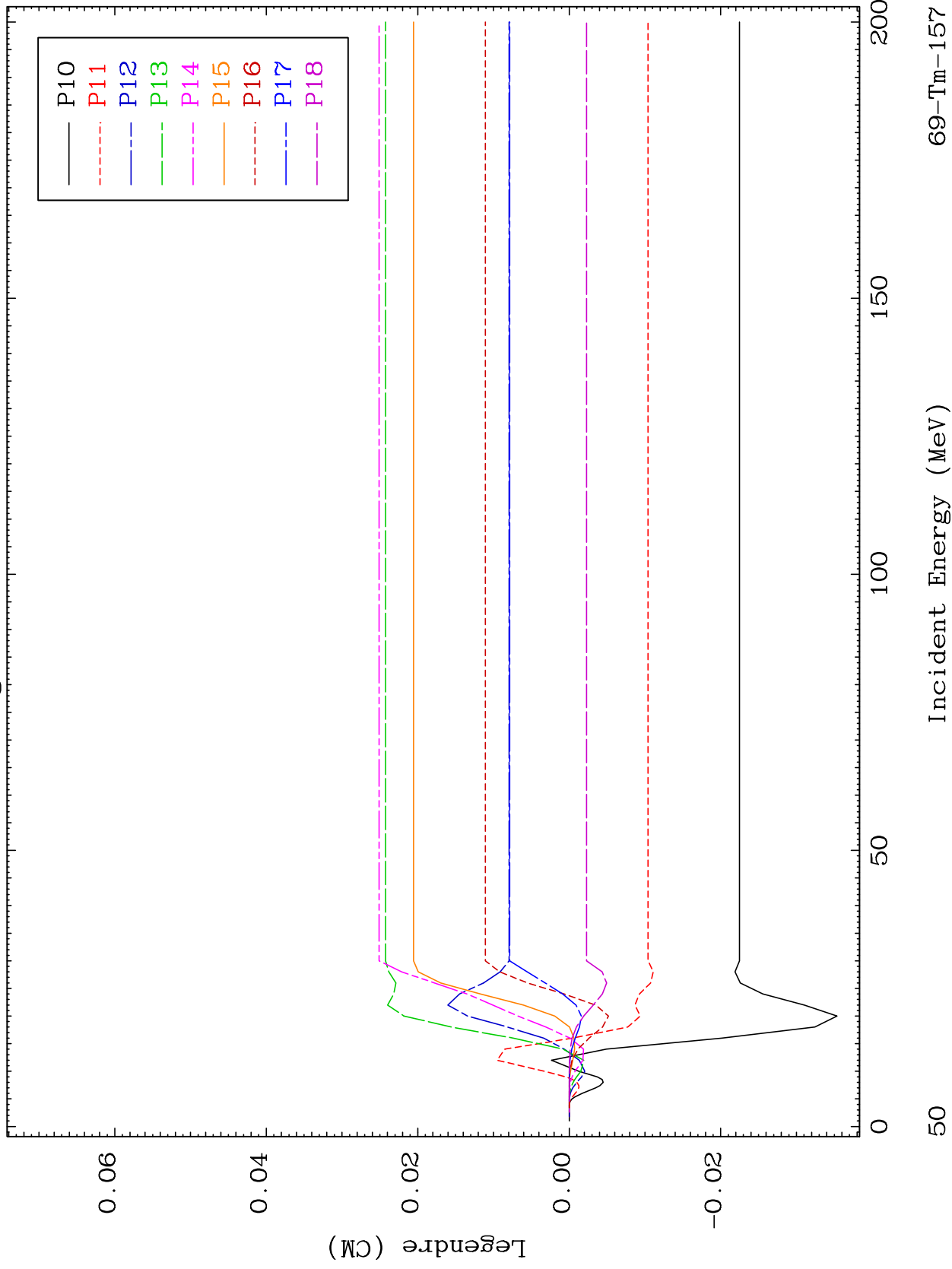
Incident Energy (MeV)

49

MAT 6889

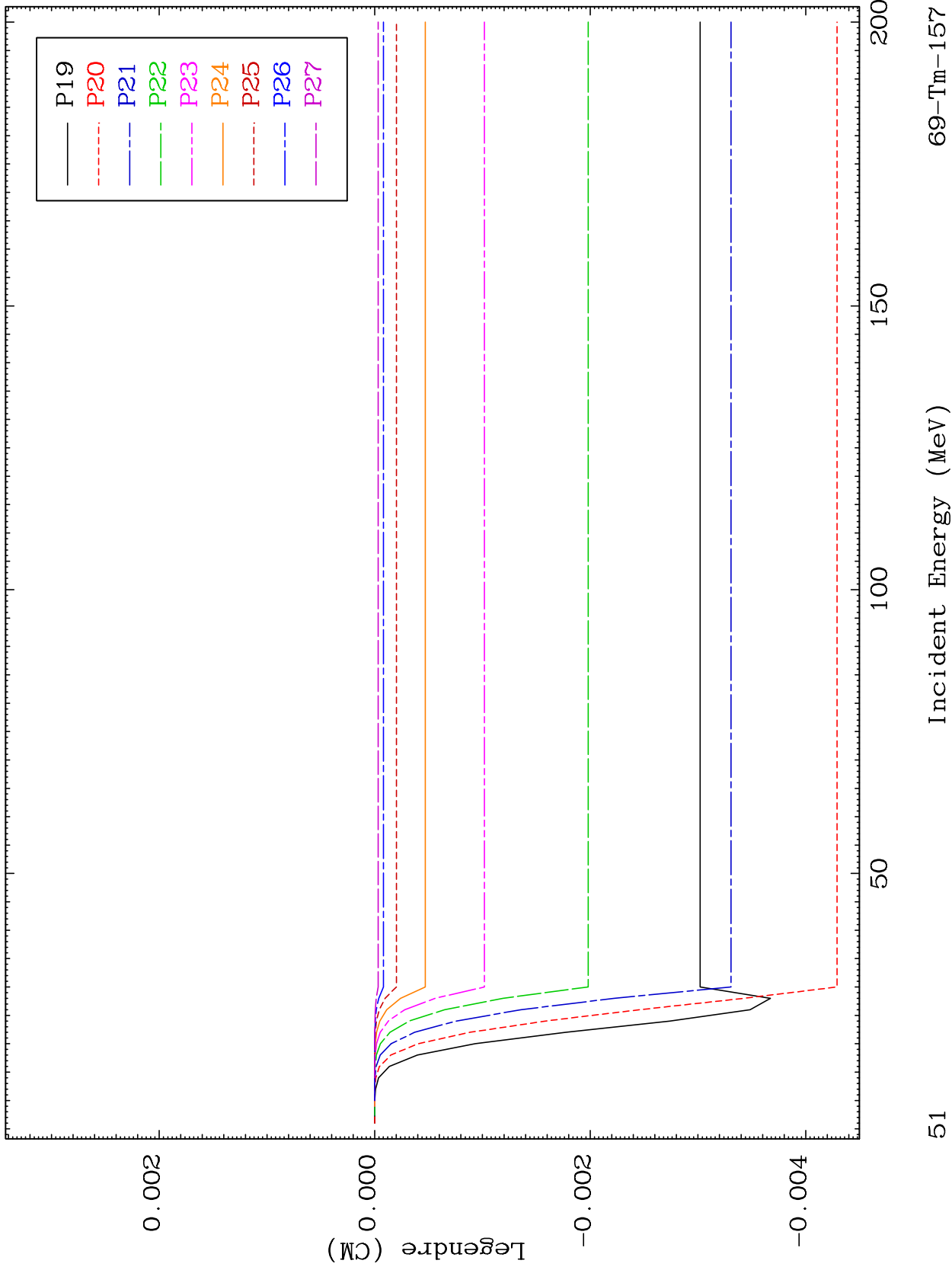
317.5 keV (n,n') Level
Legendre Coefficients

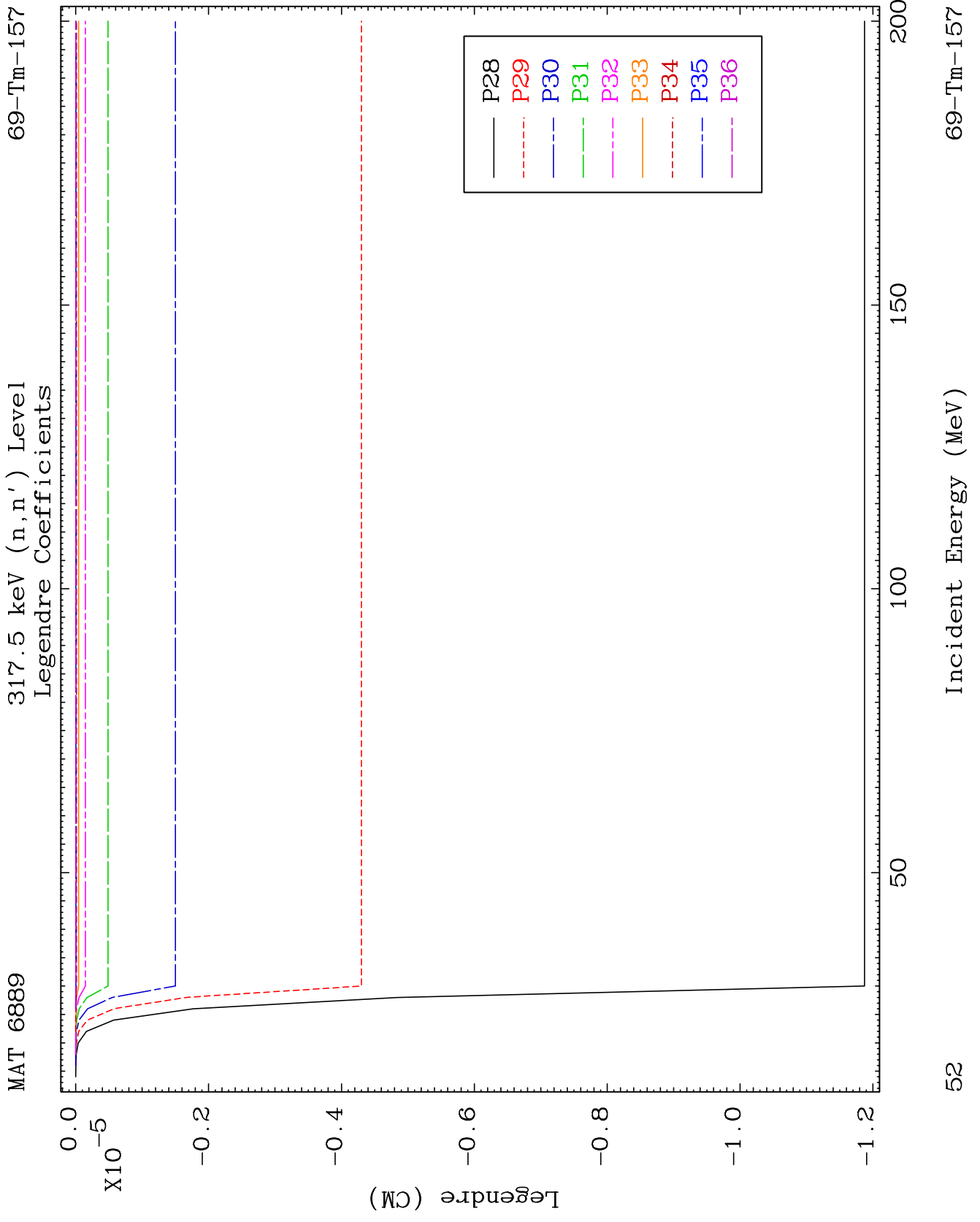
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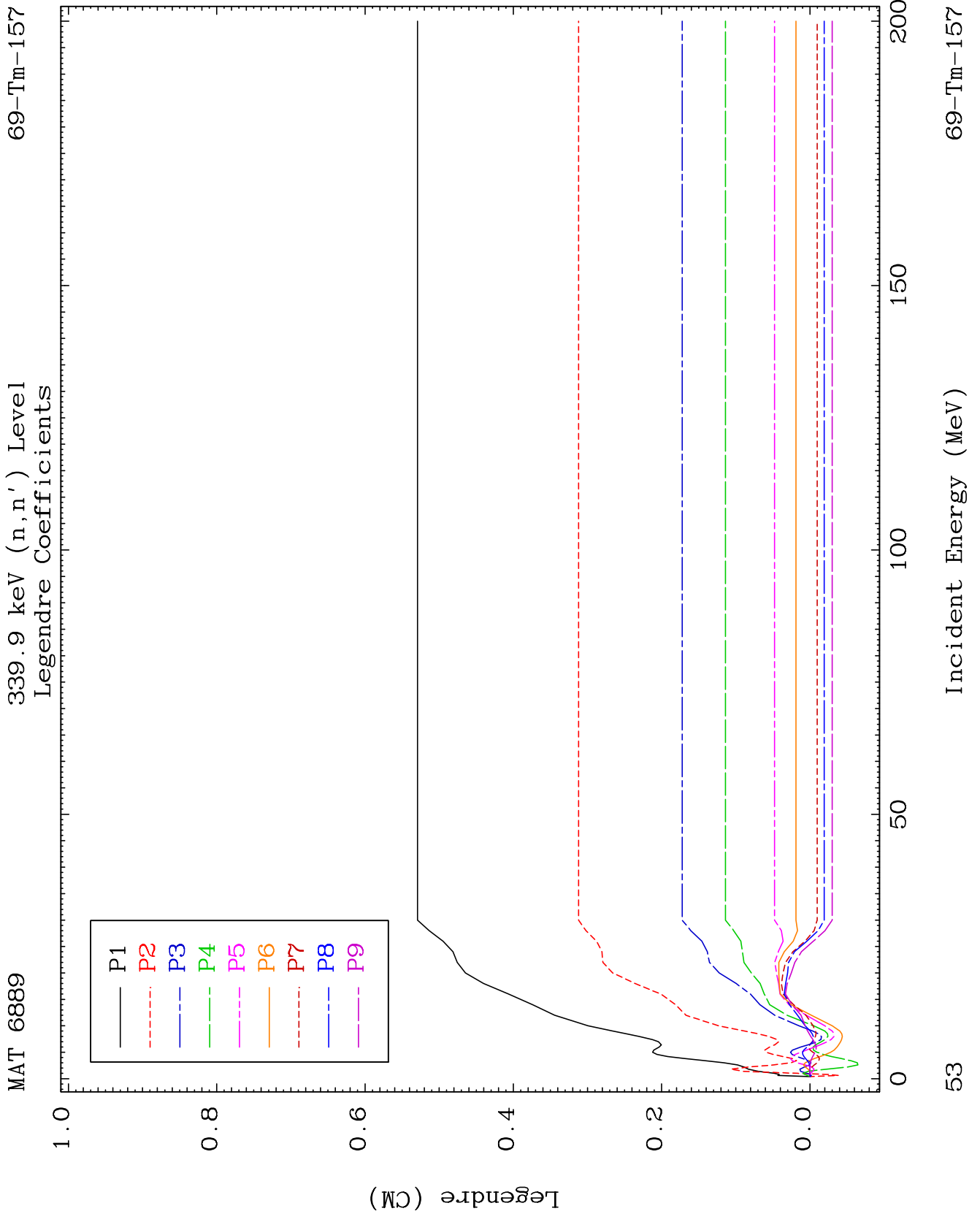


69-Tm-157

Incident Energy (MeV)



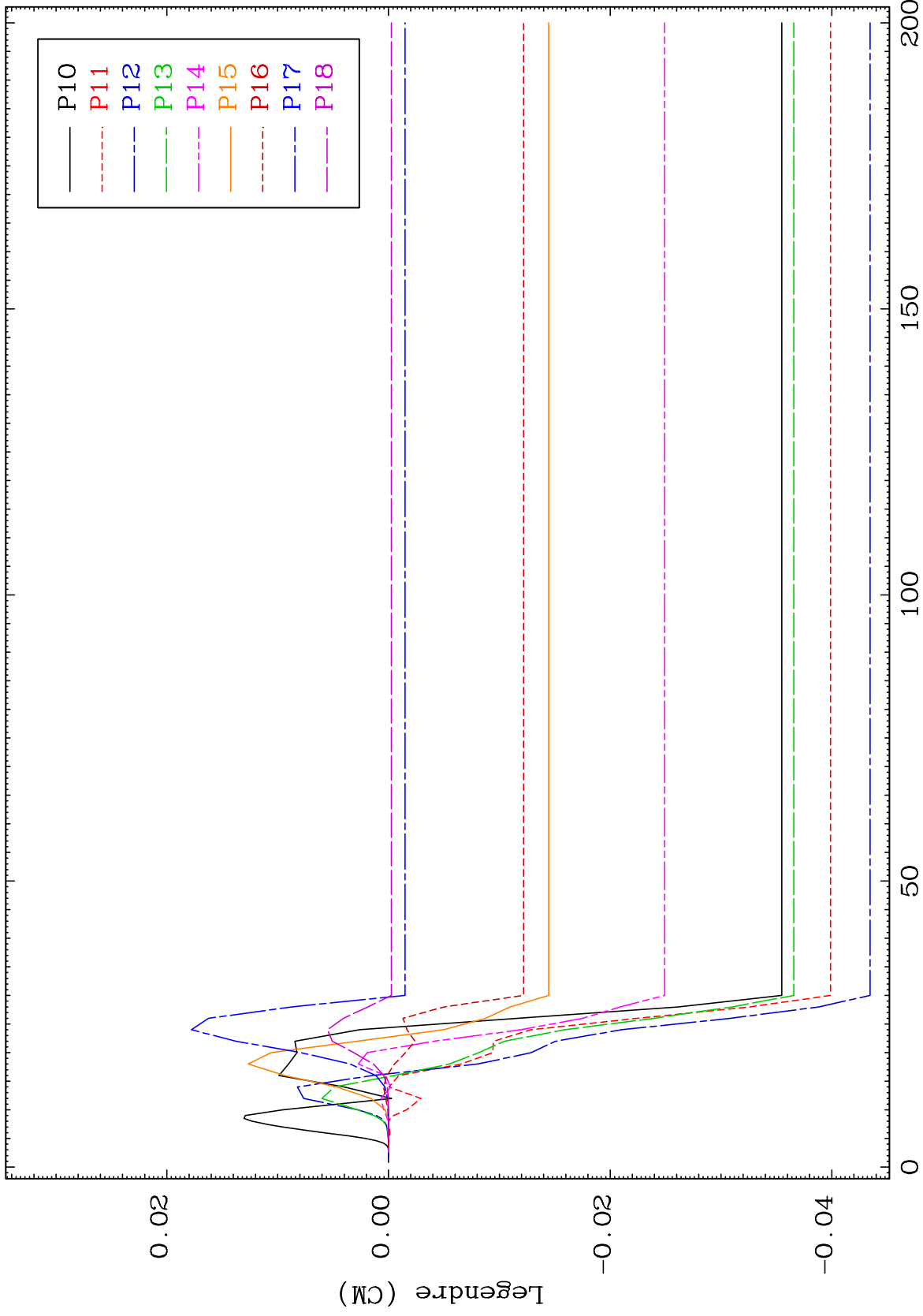




MAT 6889

339.9 keV (n,n') Level
Legendre Coefficients

69-Tm-157



54

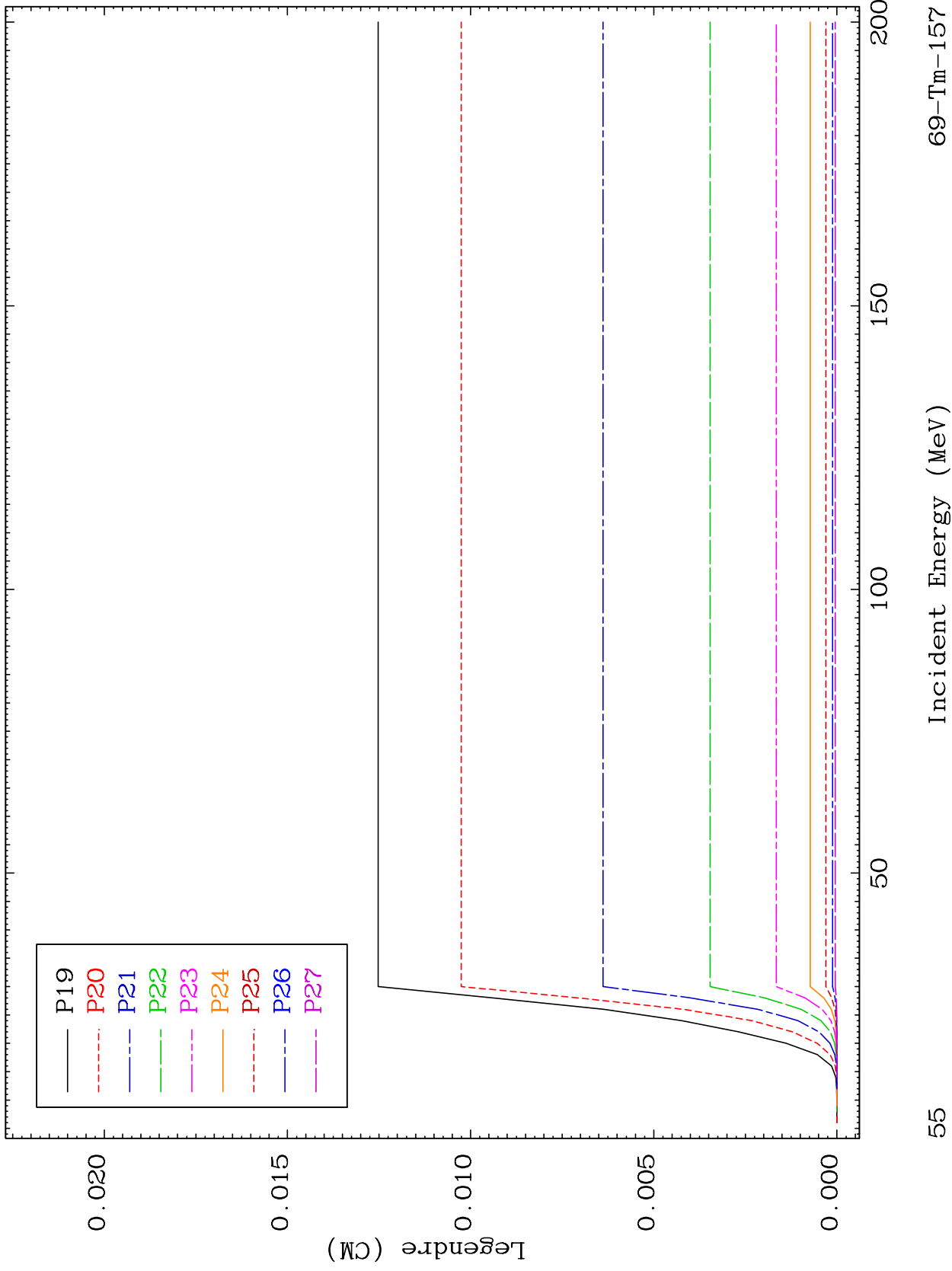
Incident Energy (MeV)

69-Tm-157

MAT 6889

339.9 keV (n,n') Level
Legendre Coefficients

69-Tm-157



55

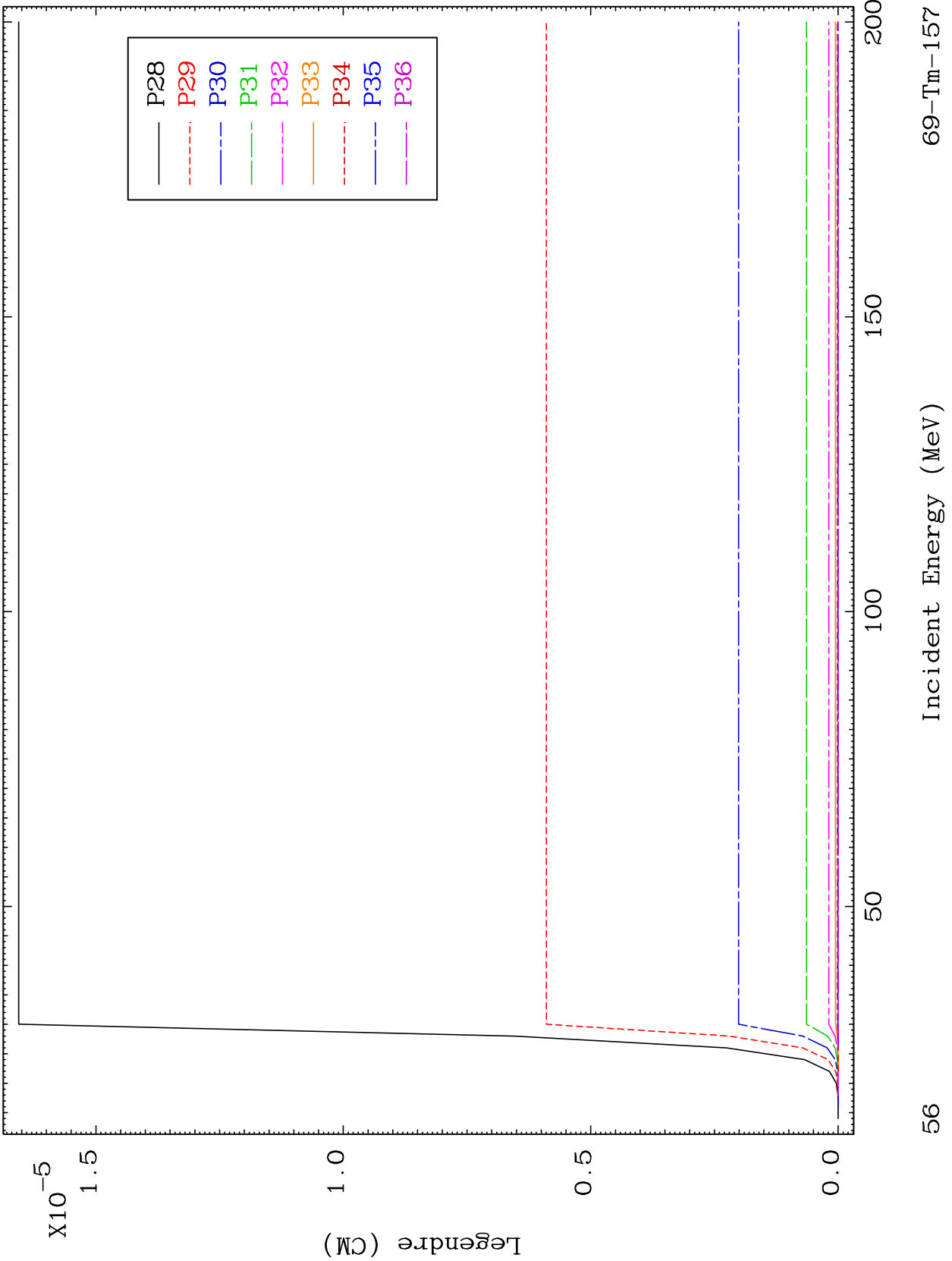
Incident Energy (MeV)

69-Tm-157

MAT 6889

339.9 keV (n,n') Level
Legendre Coefficients

69-Tm-157



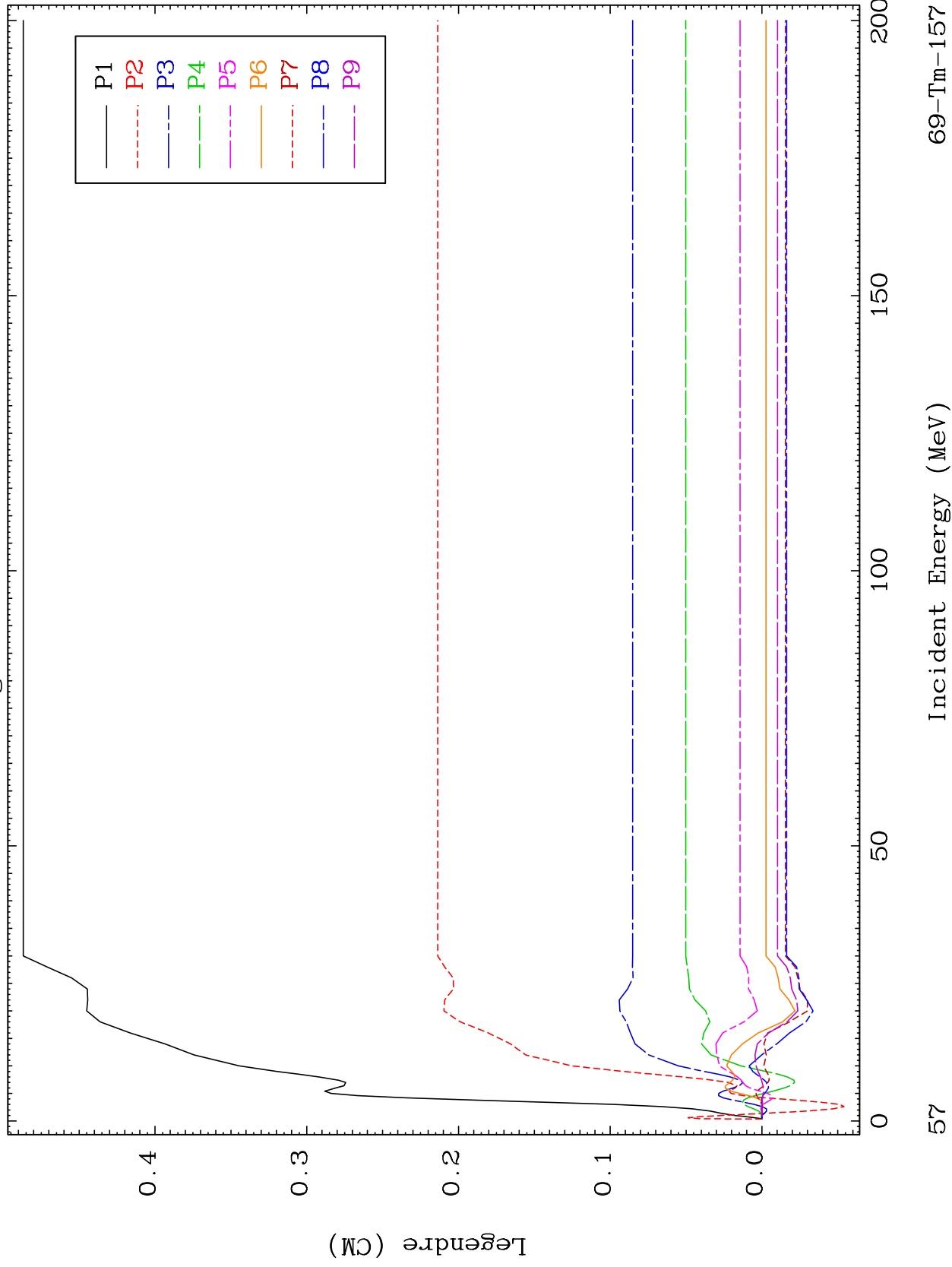
56

69-Tm-157

MAT 6889

347.9 keV (n,n') Level
Legendre Coefficients

69-Tm-157



69-Tm-157

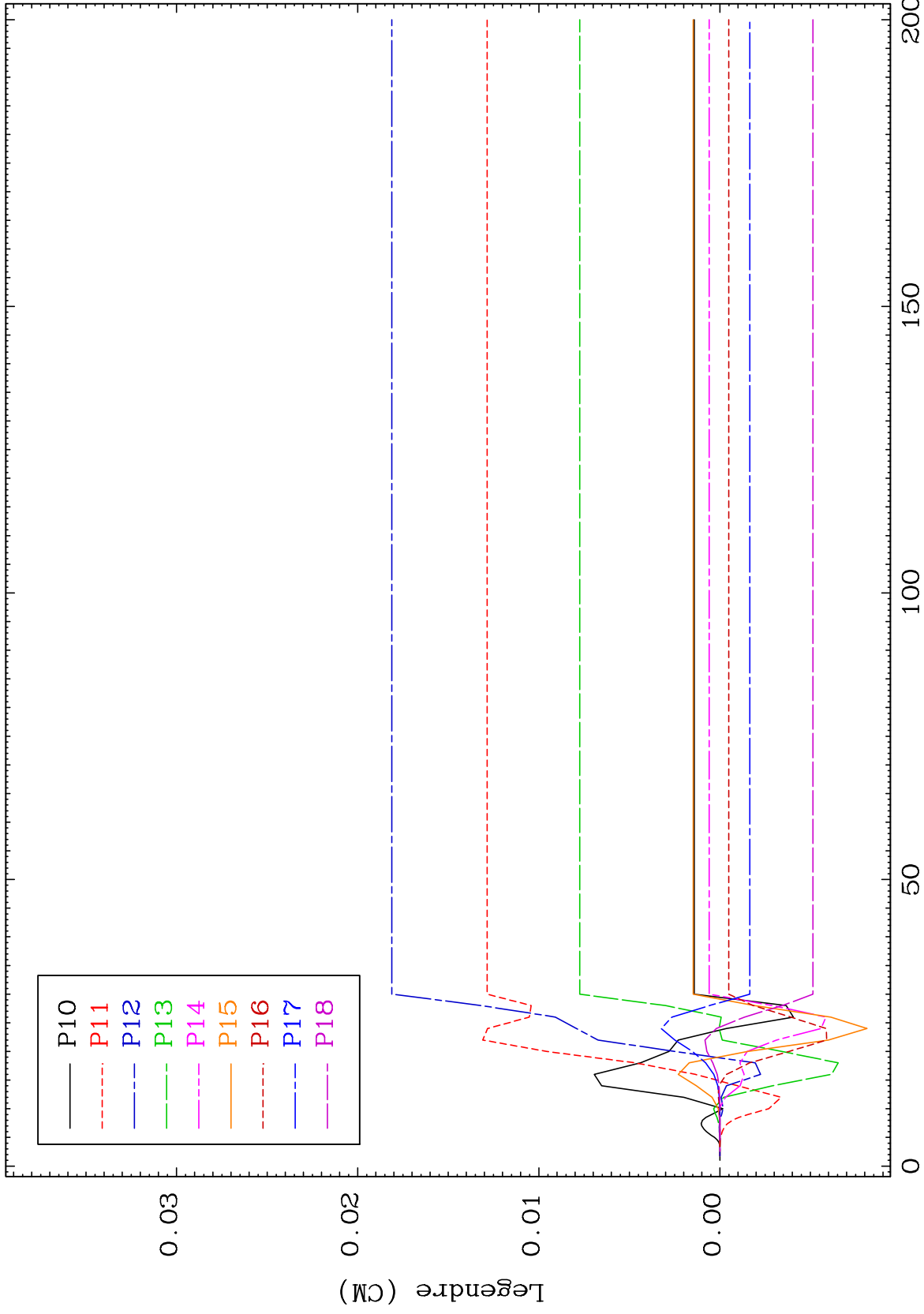
Incident Energy (MeV)

57

MAT 6889

347.9 keV (n, n') Level
Legendre Coefficients

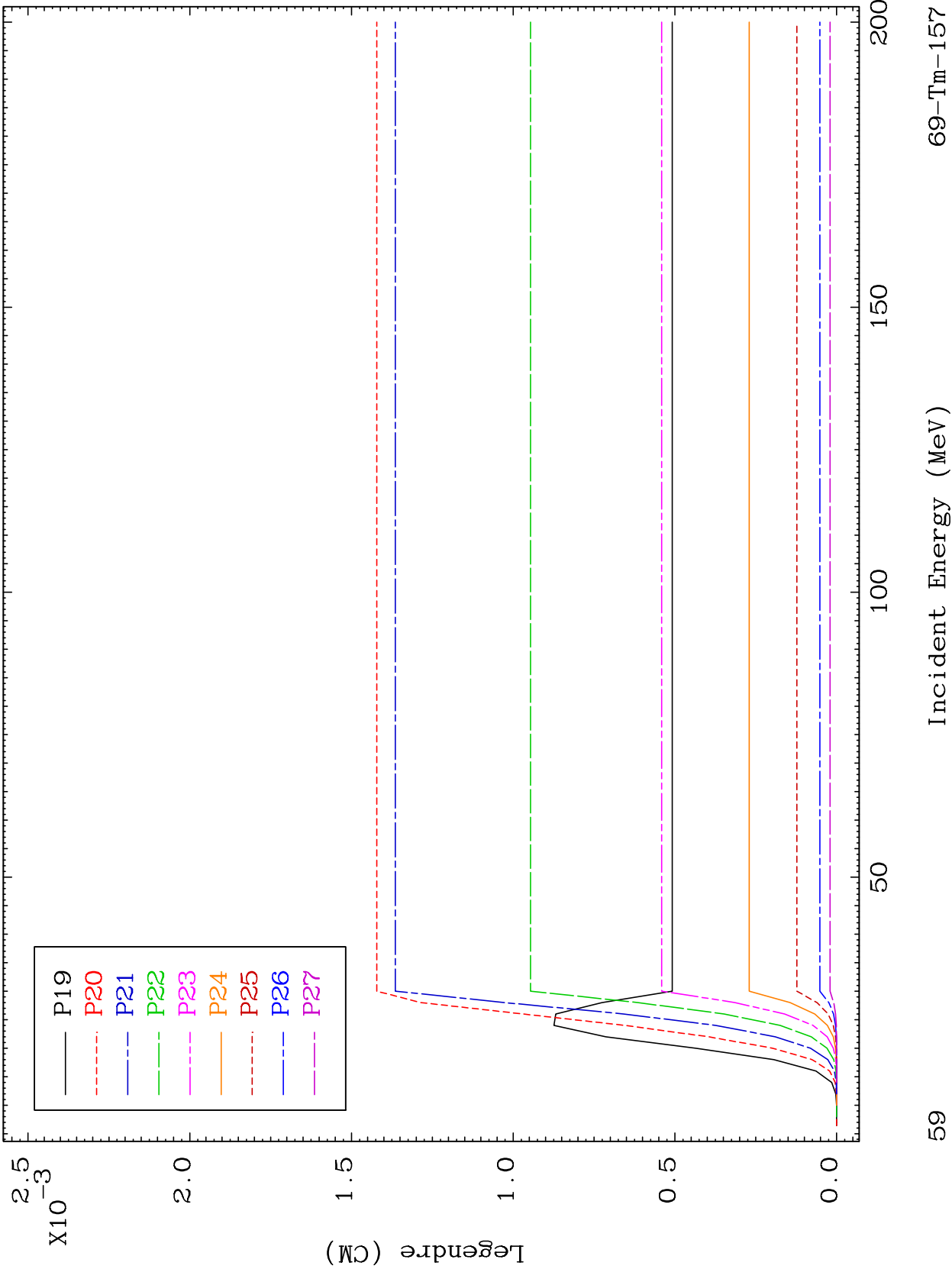
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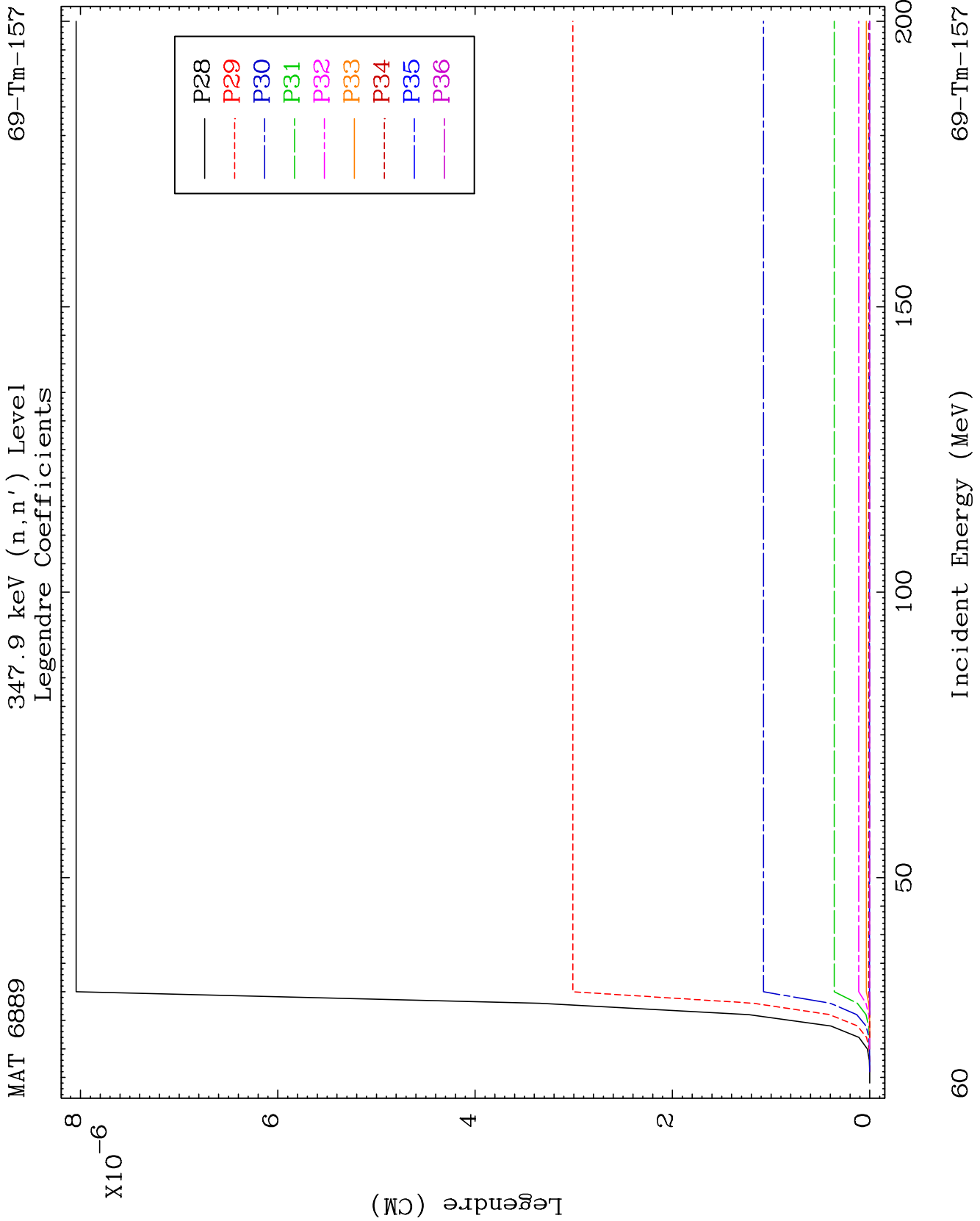


58

Incident Energy (MeV)

69-Tm-157

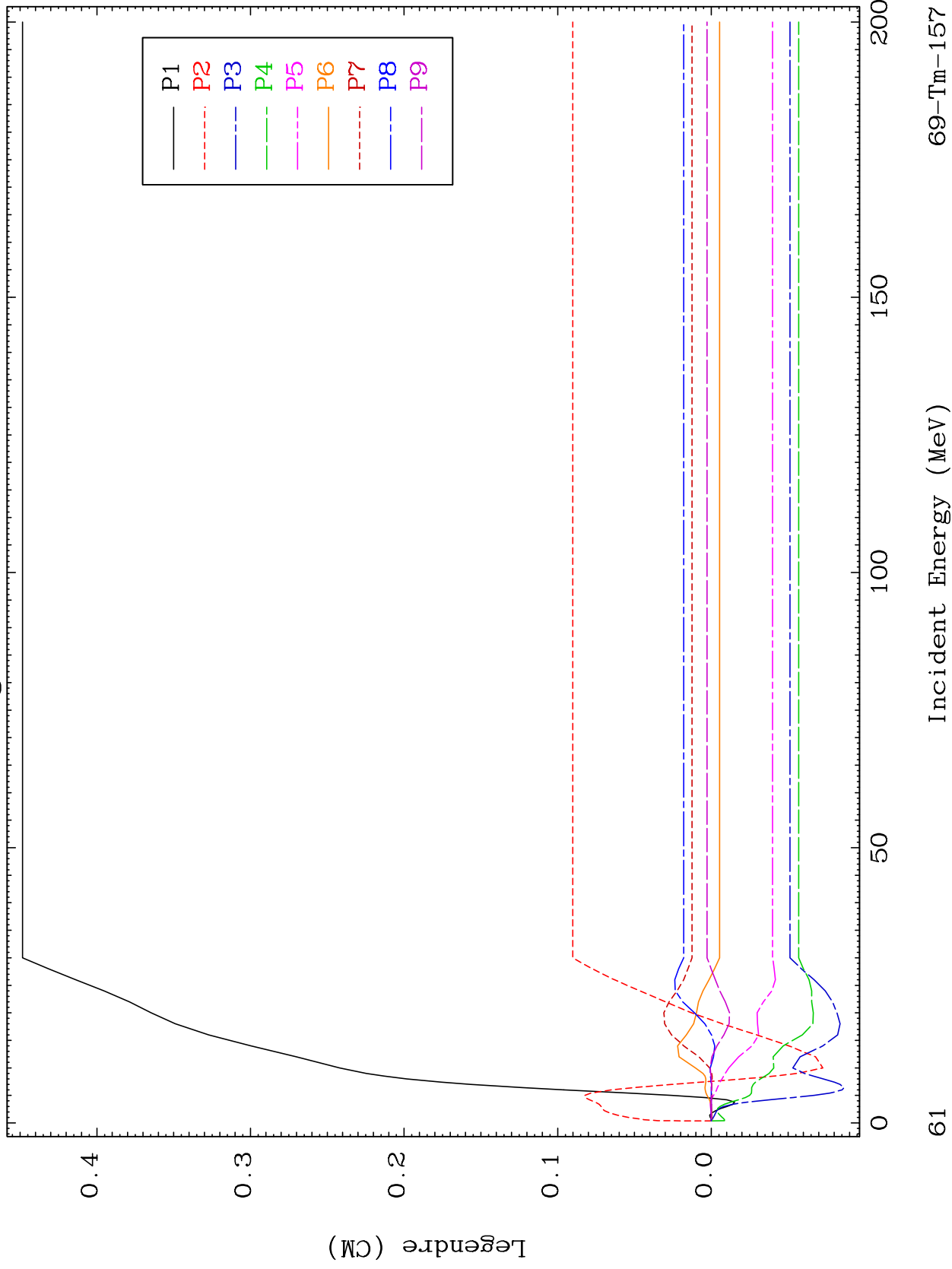




MAT 6889

353.9 keV (n, n') Level
Legendre Coefficients

69-Tm-157



61

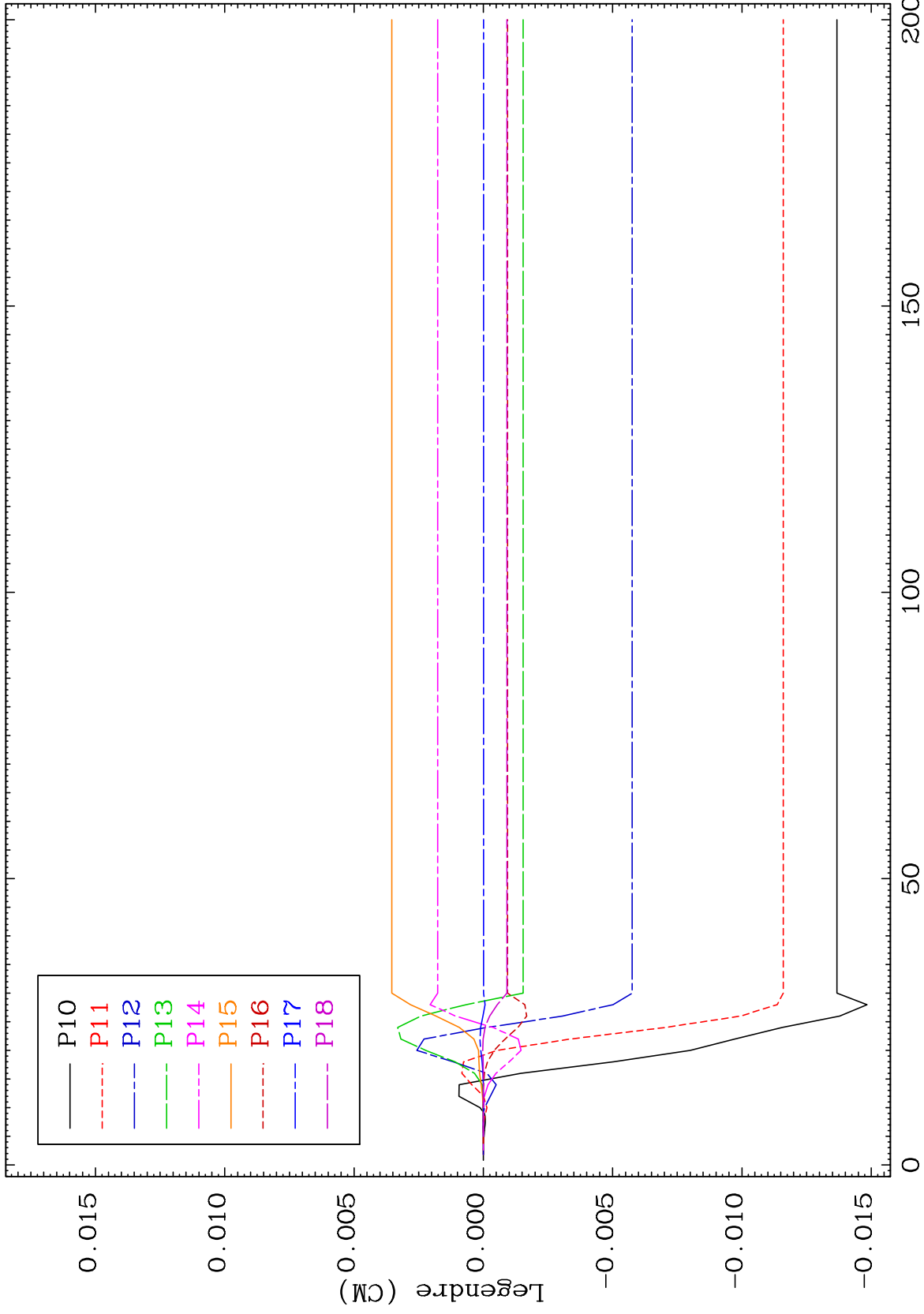
Incident Energy (MeV)

69-Tm-157

MAT 6889

353.9 keV (n,n') Level
Legendre Coefficients

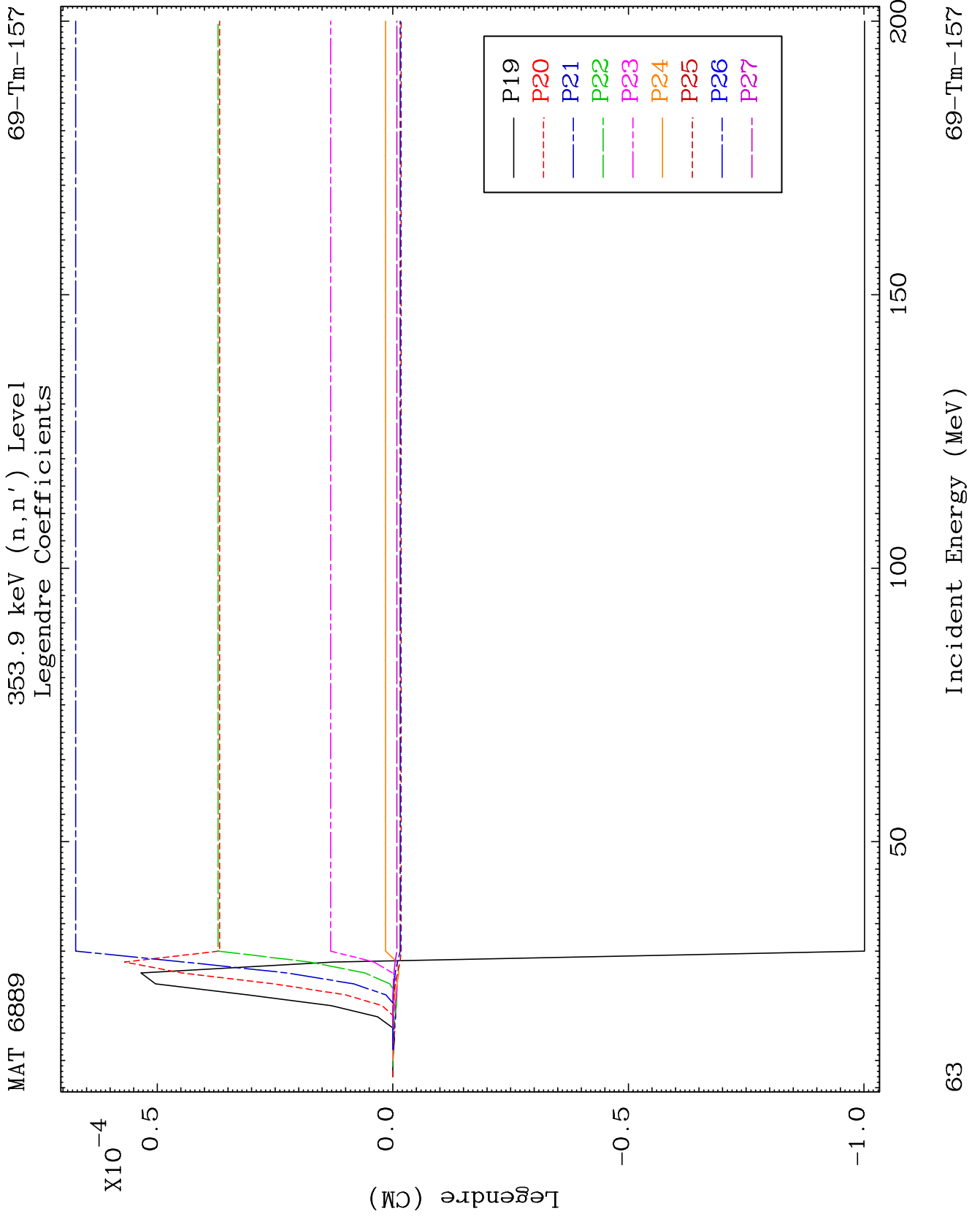
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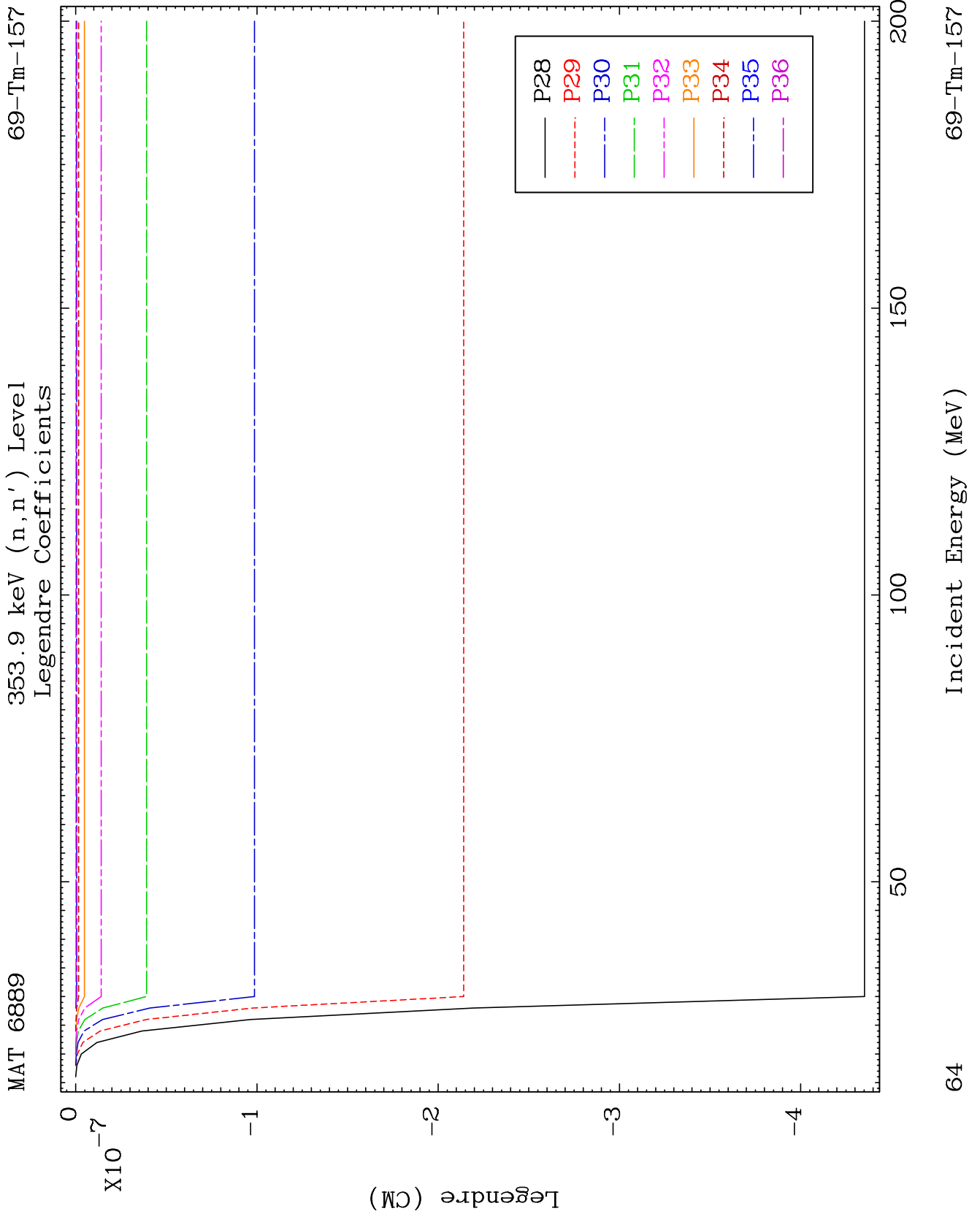


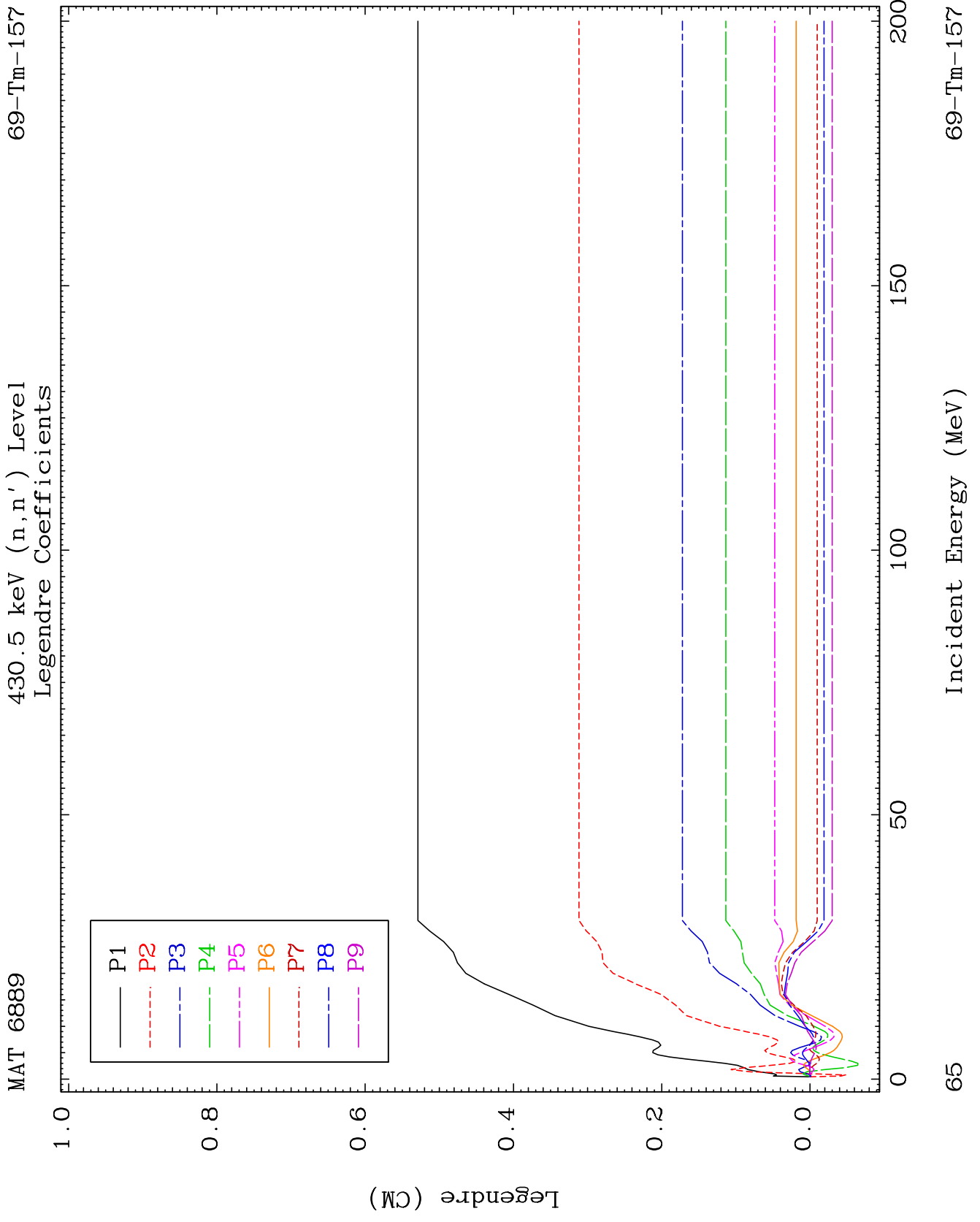
62

Incident Energy (MeV)

69-Tm-157



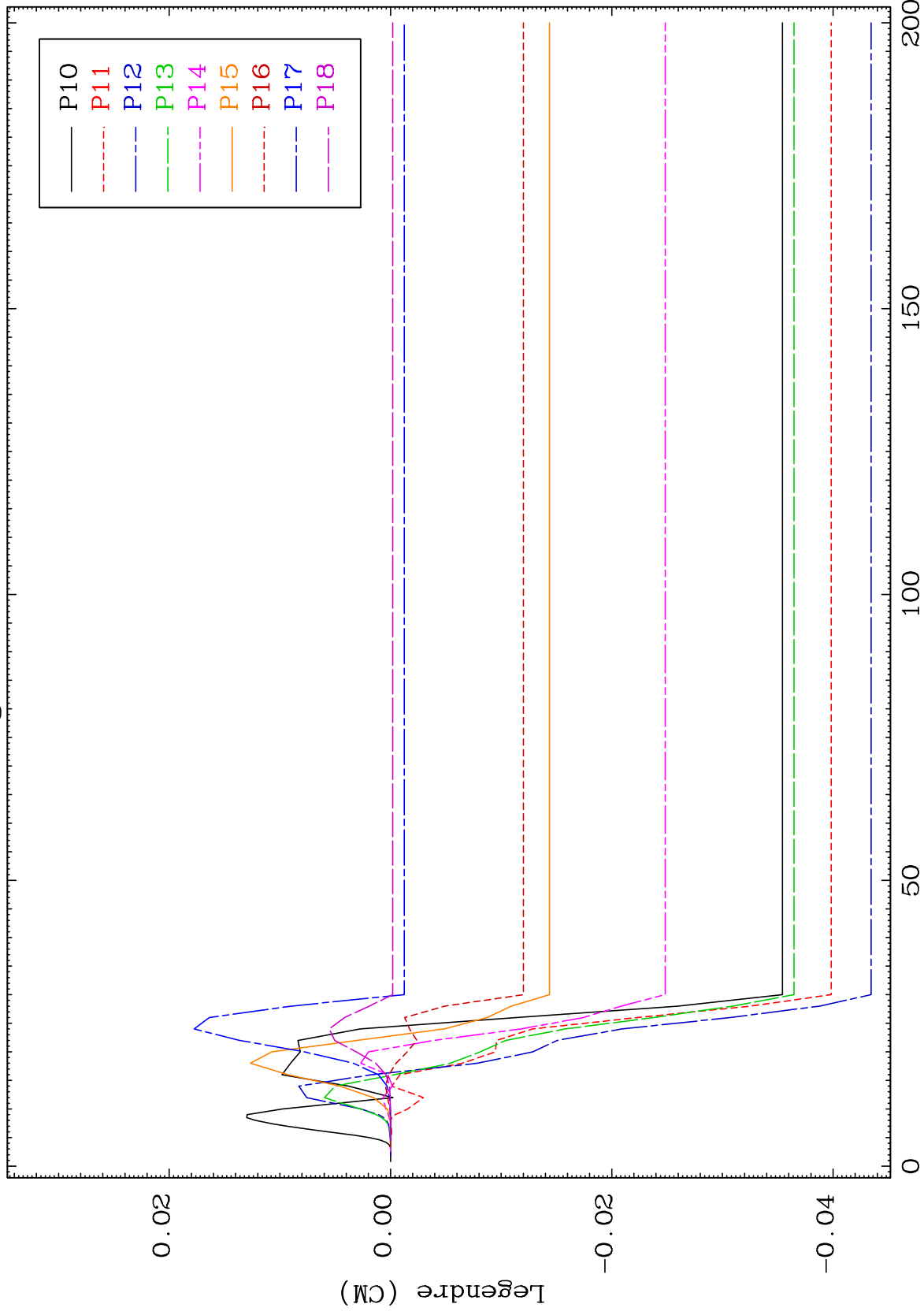




MAT 6889

430.5 keV (n,n') Level
Legendre Coefficients

69-Tm-157



66

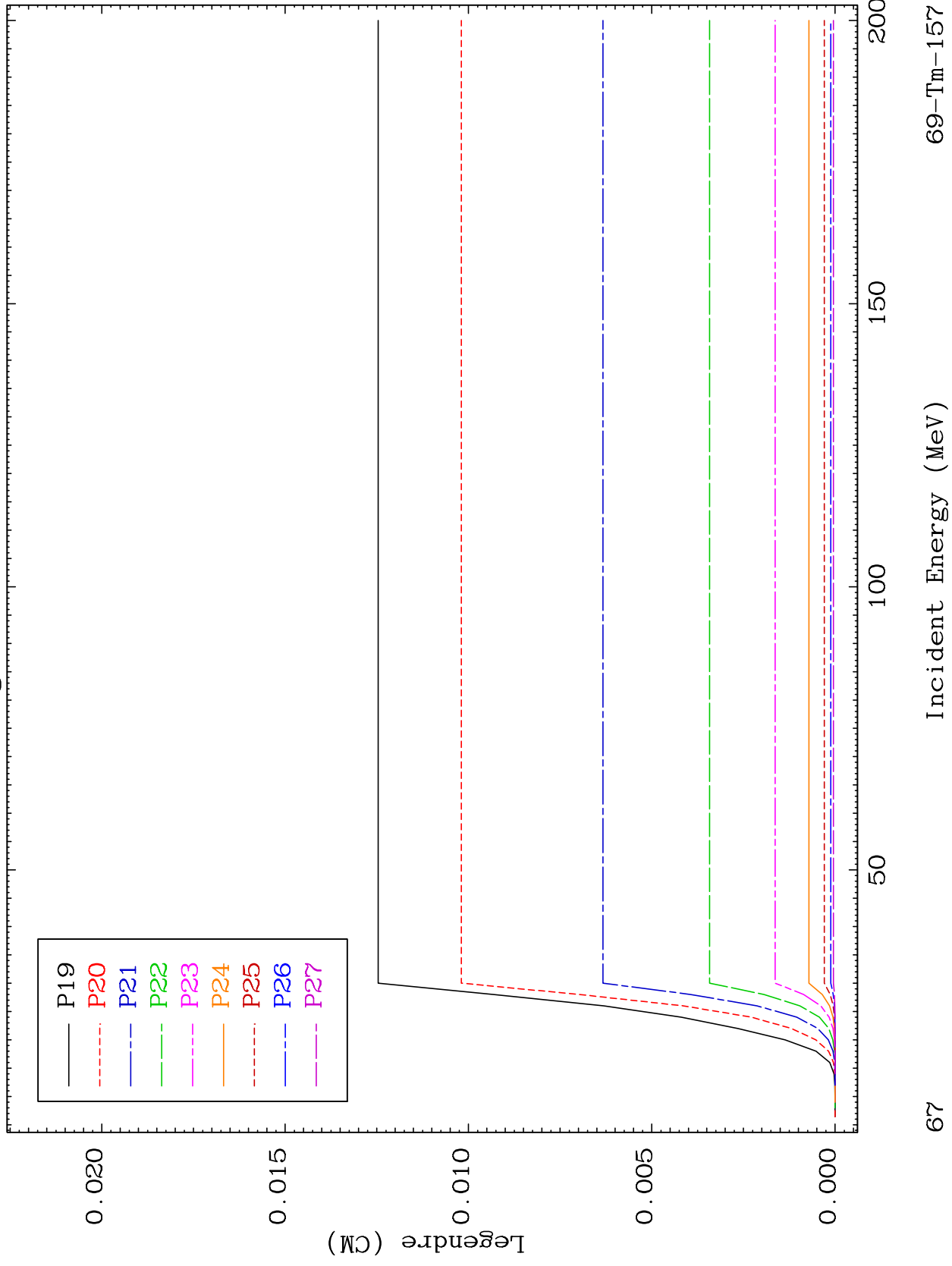
Incident Energy (MeV)

69-Tm-157

MAT 6889

430.5 keV (n,n') Level
Legendre Coefficients

69-Tm-157



67

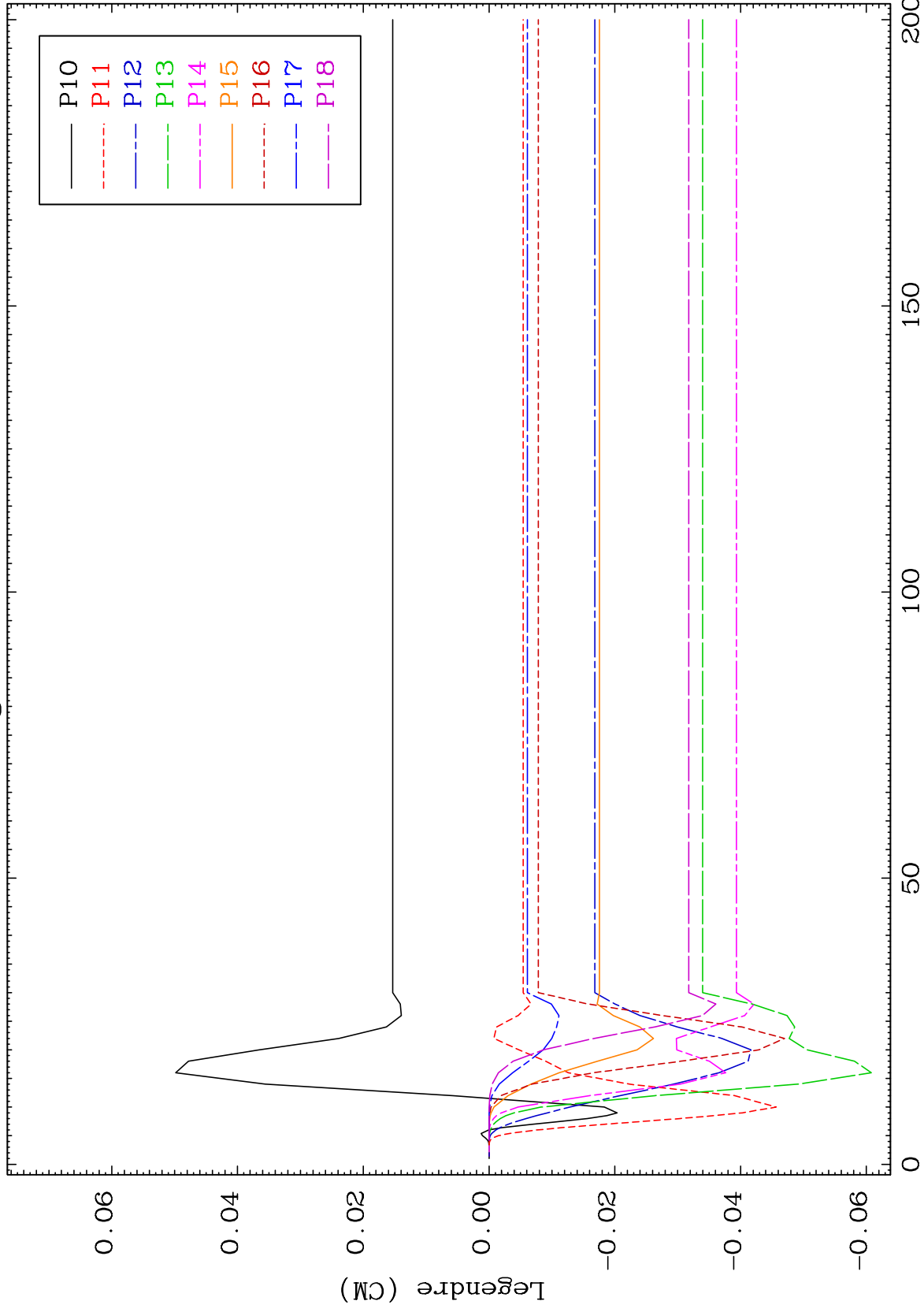
Incident Energy (MeV)

69-Tm-157

MAT 6889

458.3 keV (n,n') Level
Legendre Coefficients

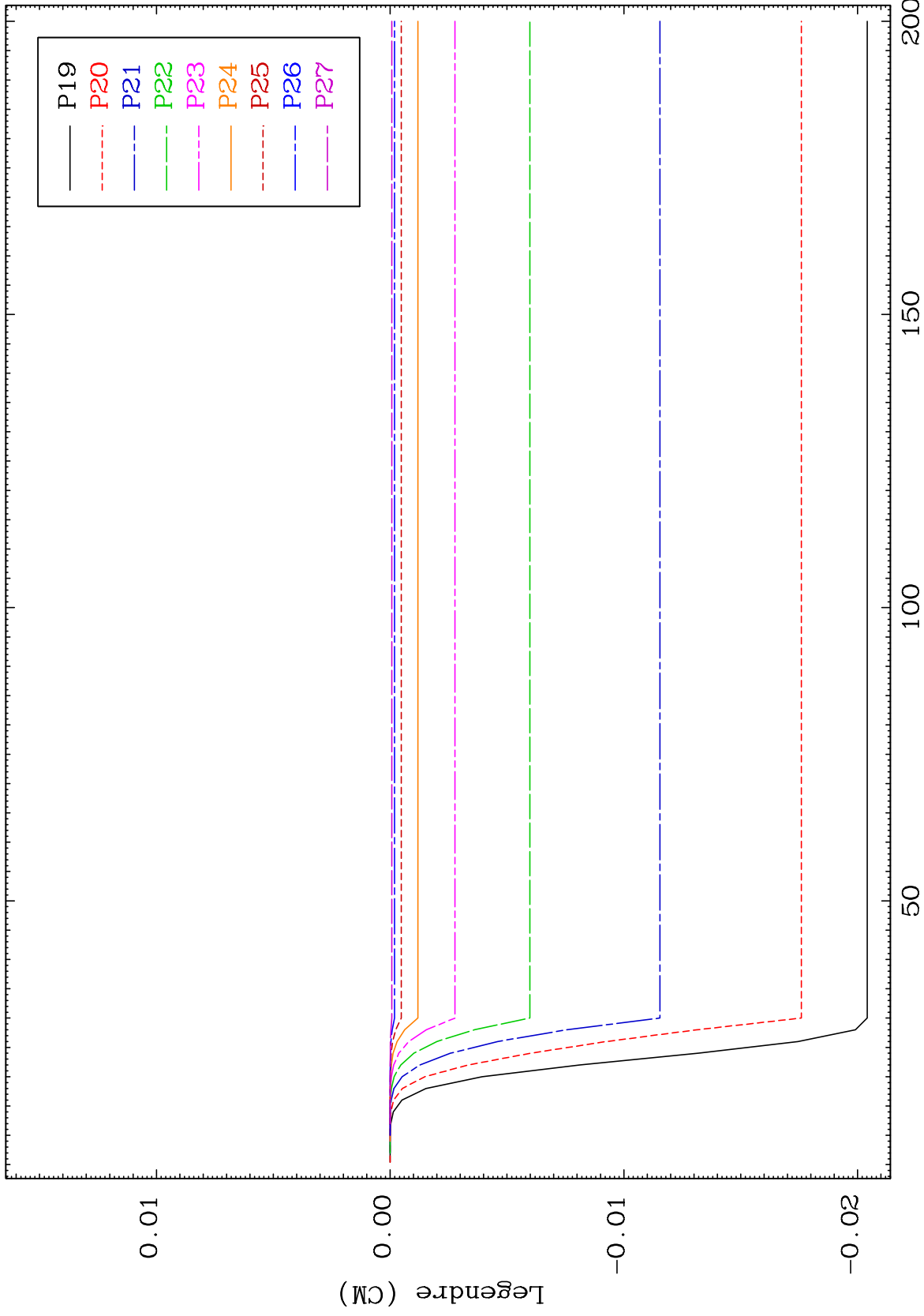
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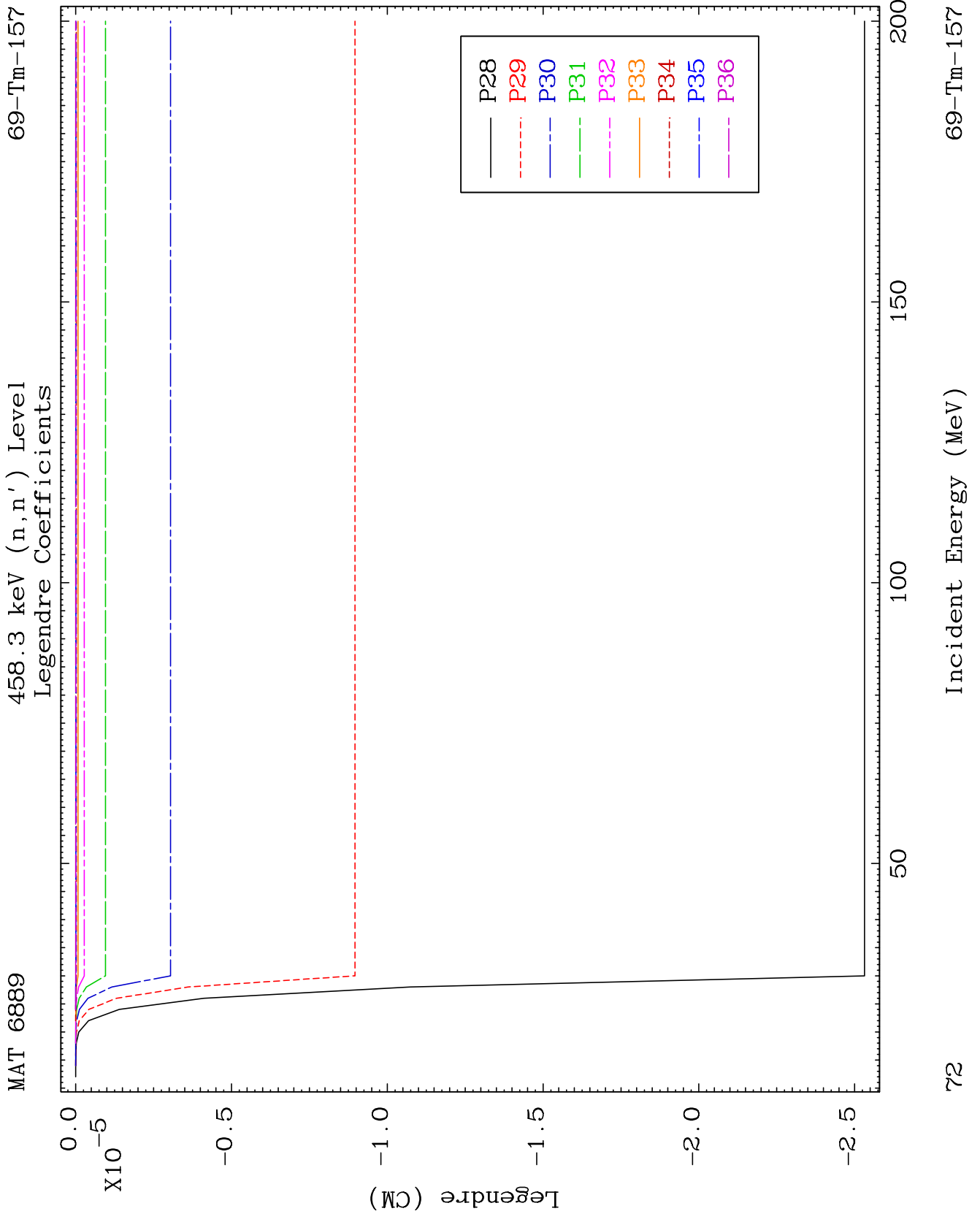


70

Incident Energy (MeV)

69-Tm-157

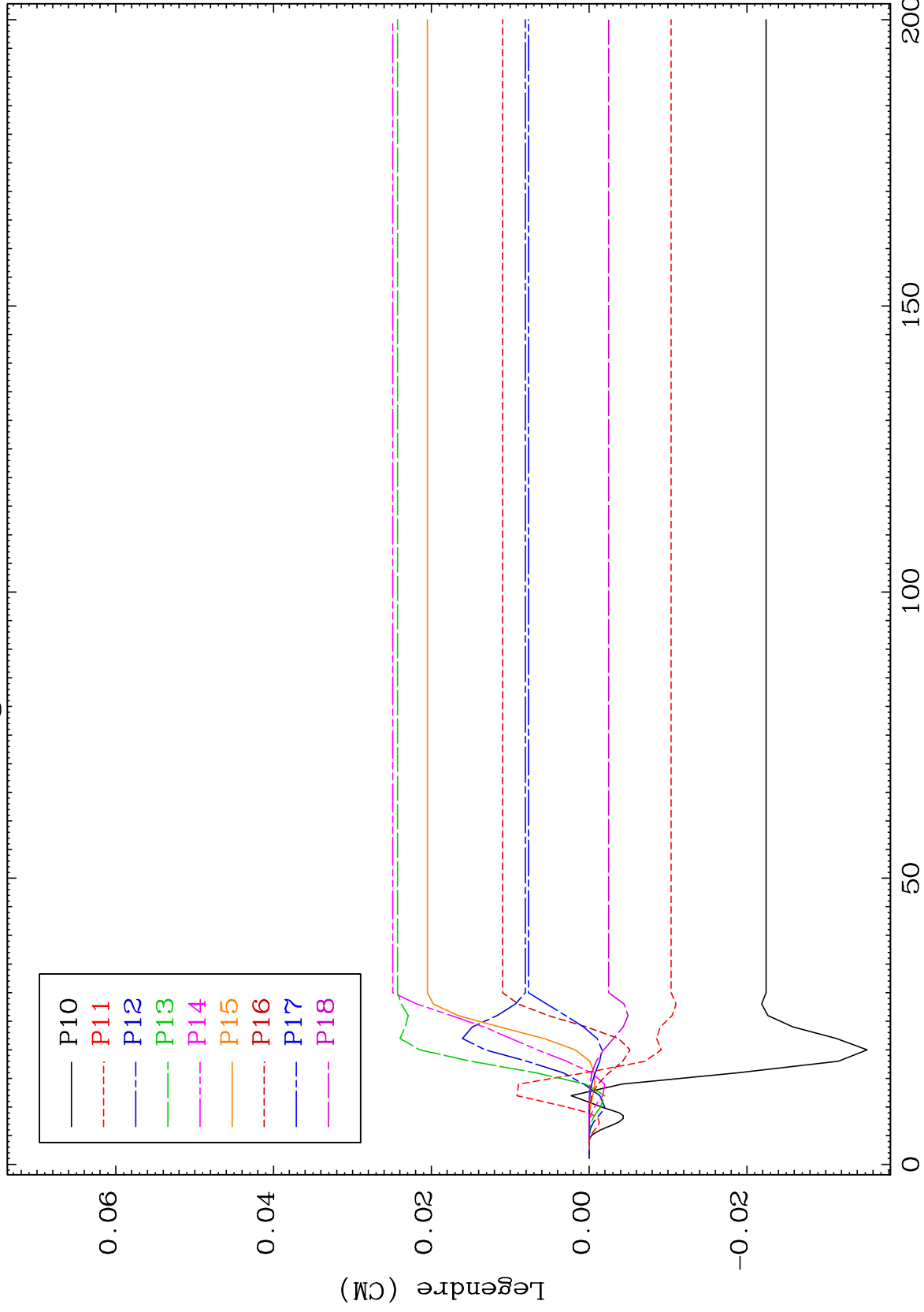




MAT 6889

580.4 keV (n,n') Level
Legendre Coefficients

69-Tm-157



74

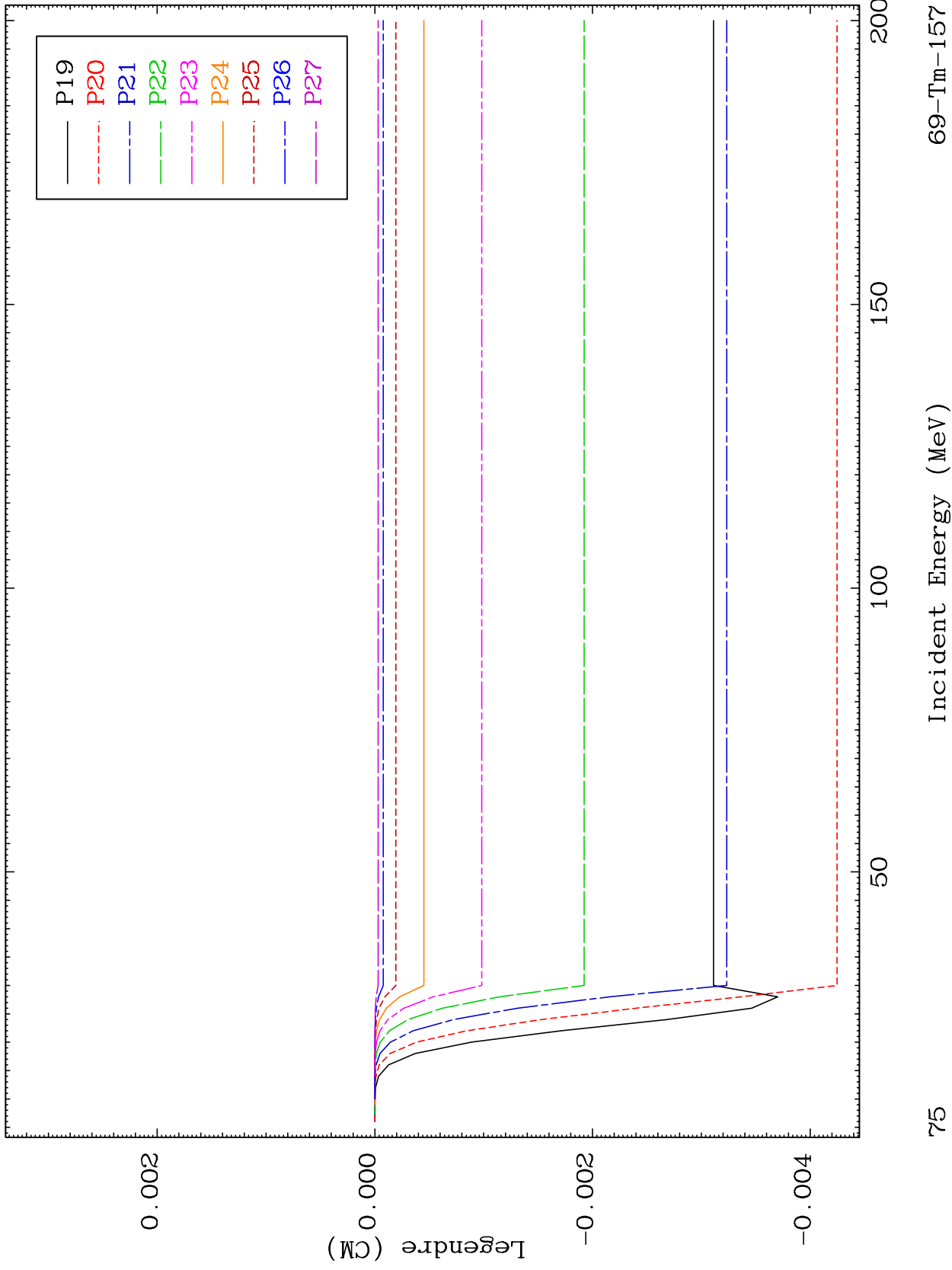
Incident Energy (MeV)

69-Tm-157

MAT 6889

580.4 keV (n,n') Level
Legendre Coefficients

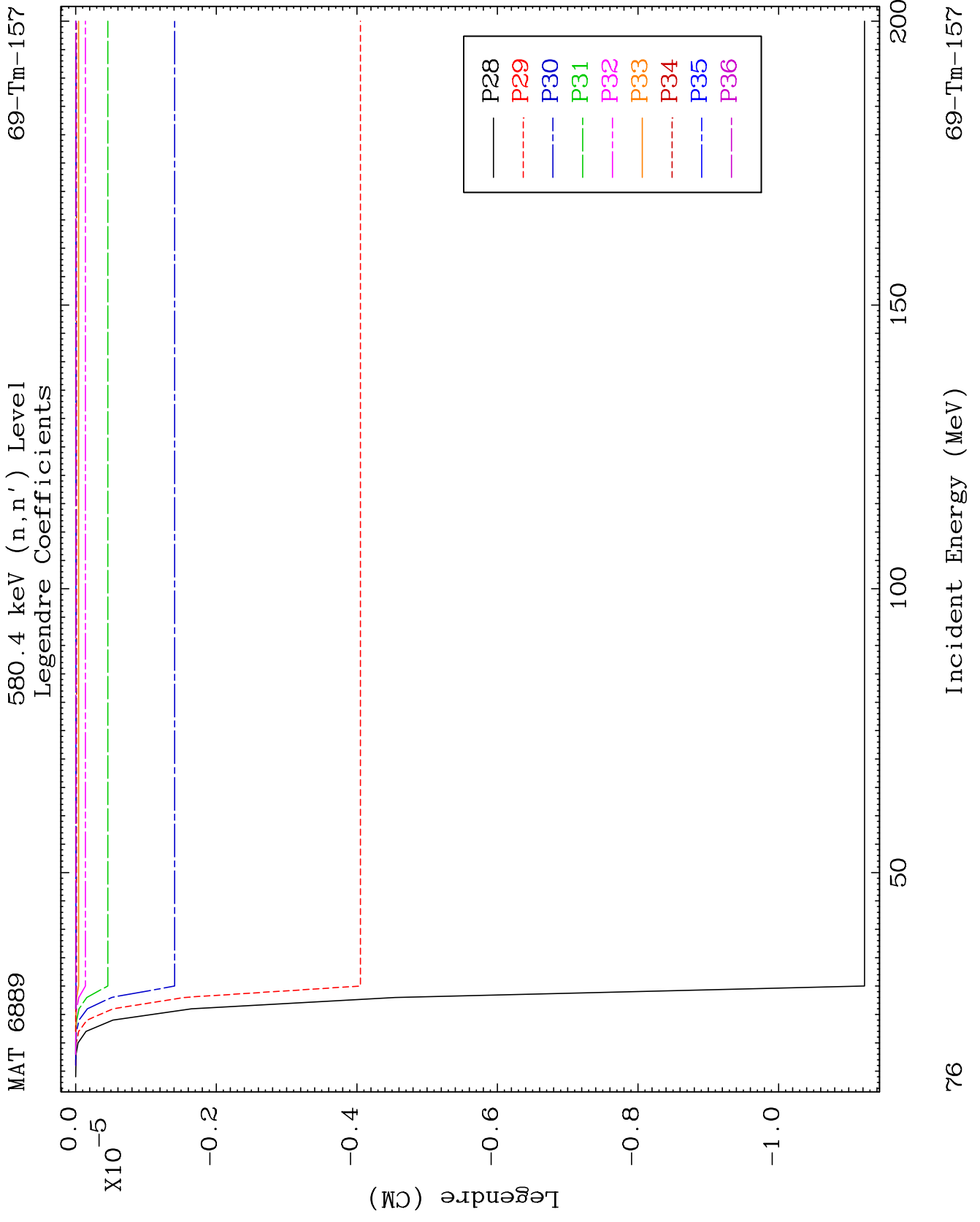
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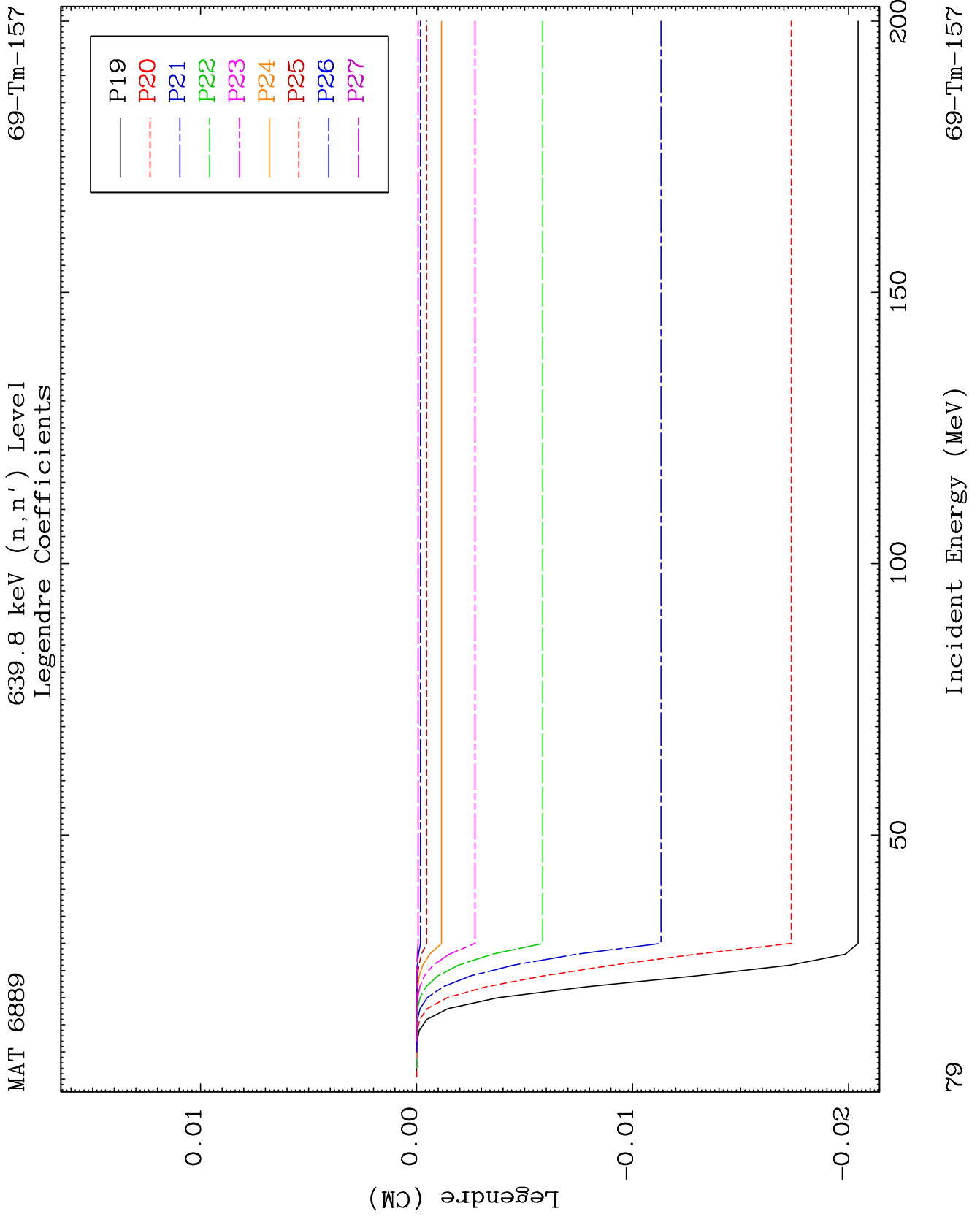


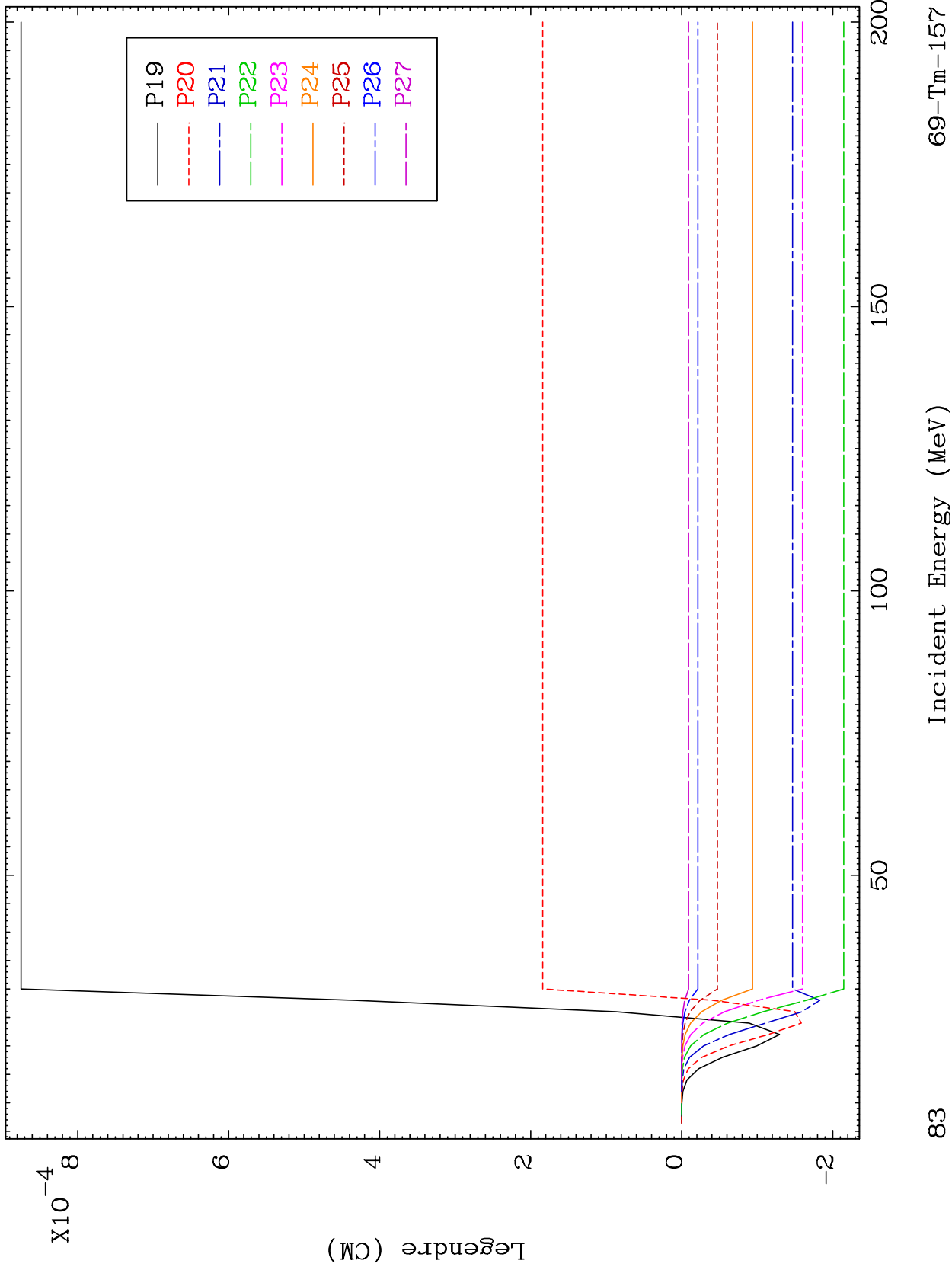
75

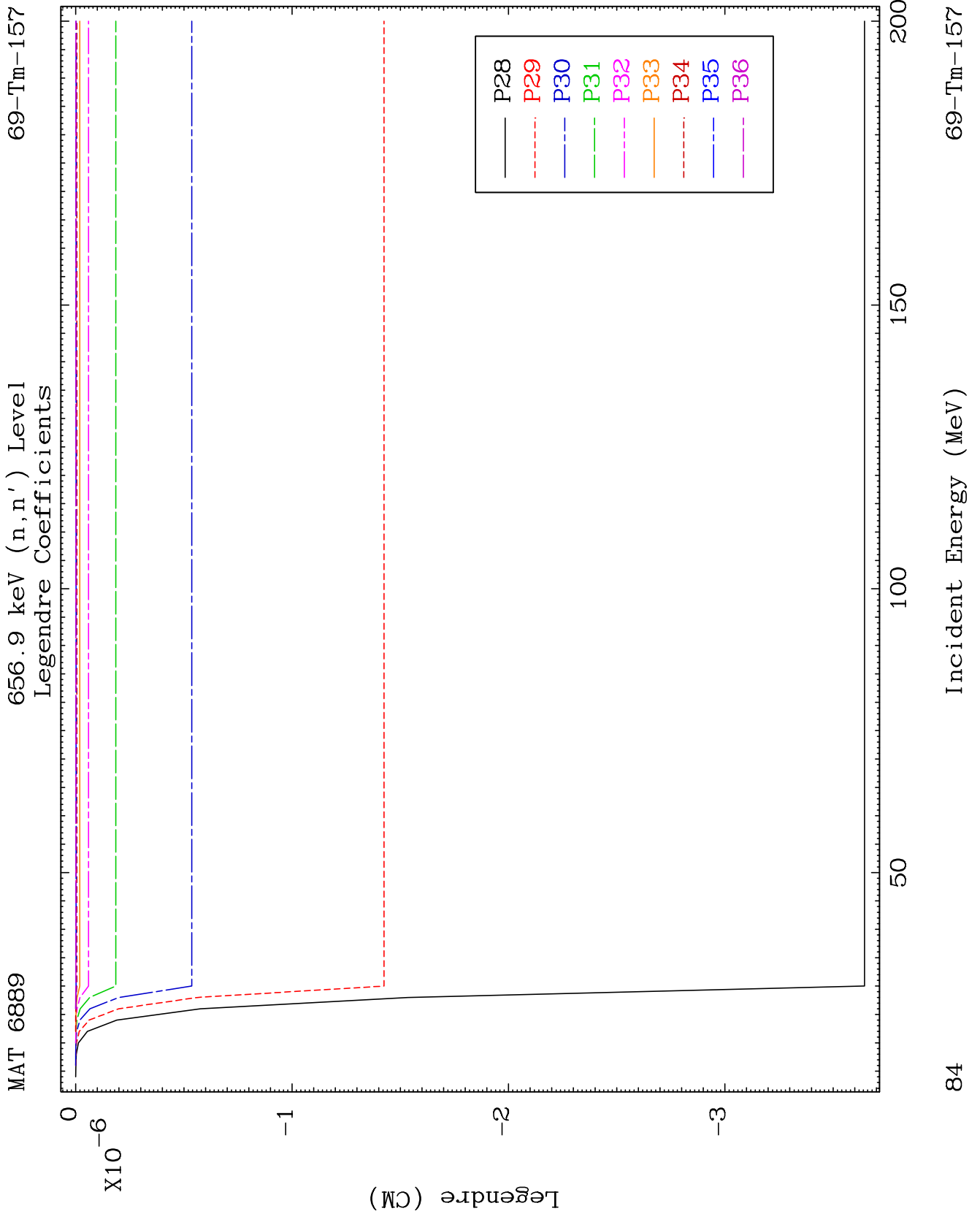
Incident Energy (MeV)

69-Tm-157





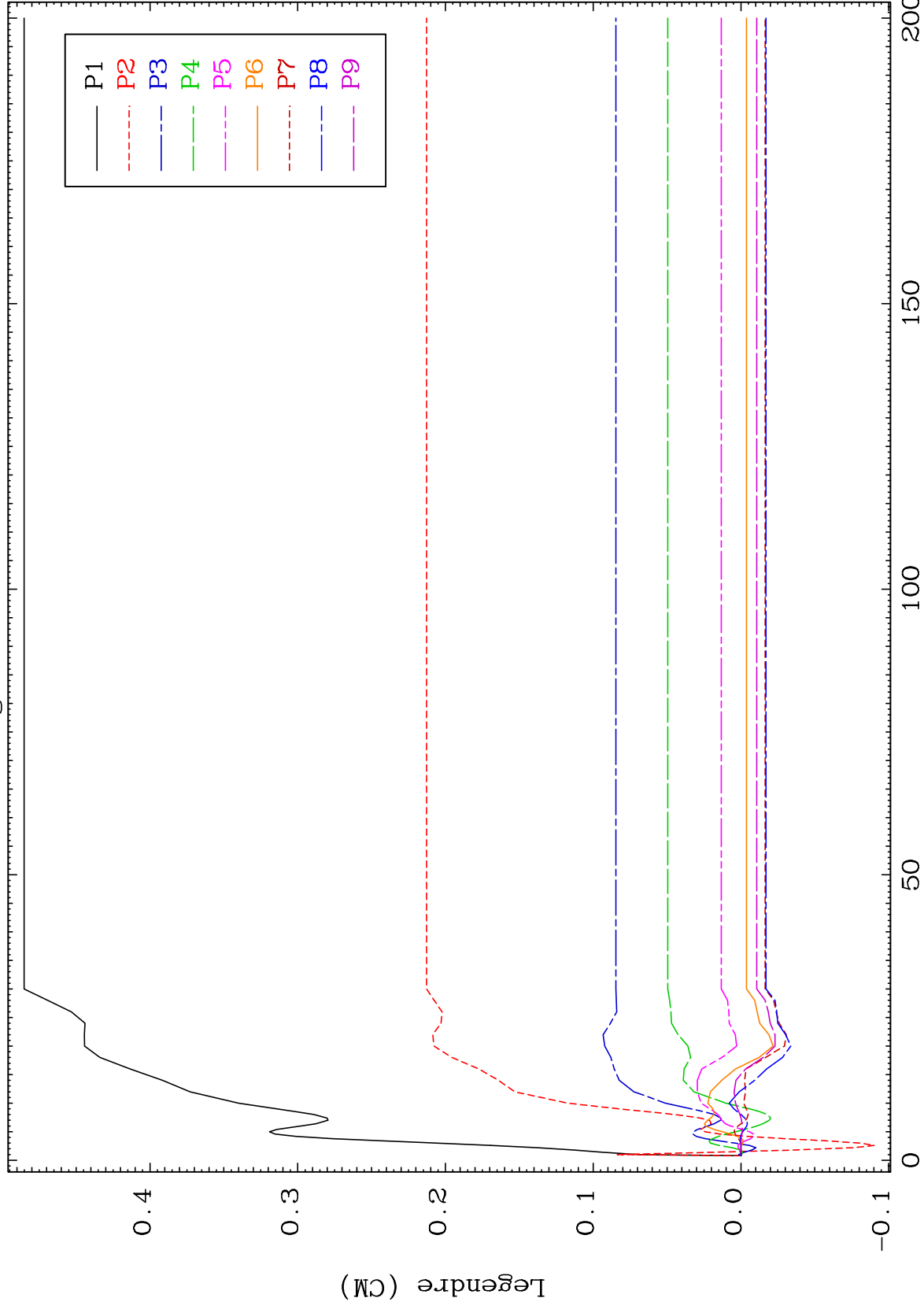




MAT 6889

787.7 keV (n,n') Level
Legendre Coefficients

69-Tm-157



85

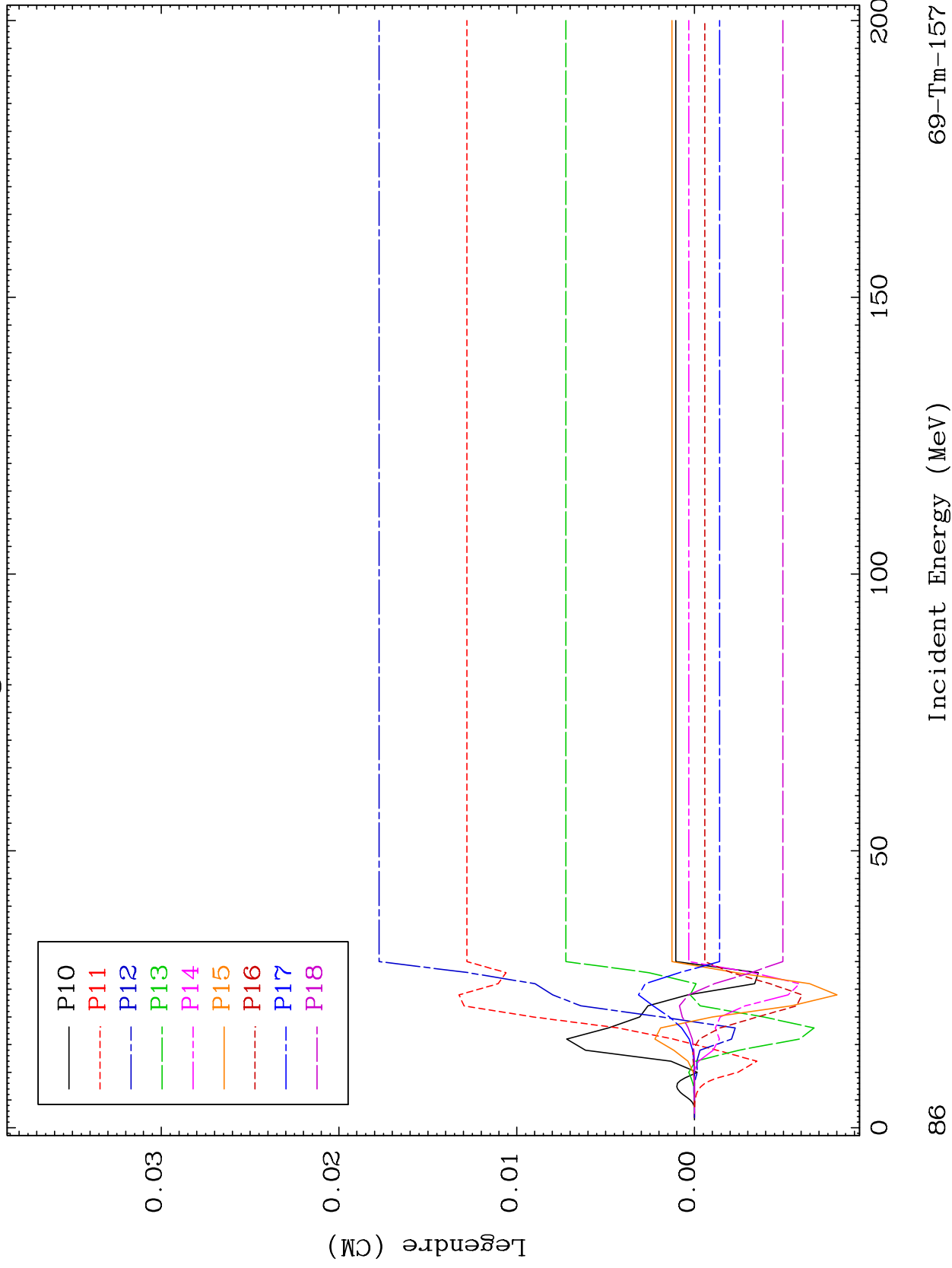
Incident Energy (MeV)

69-Tm-157

MAT 6889

787.7 keV (n,n') Level
Legendre Coefficients

69-Tm-157



86

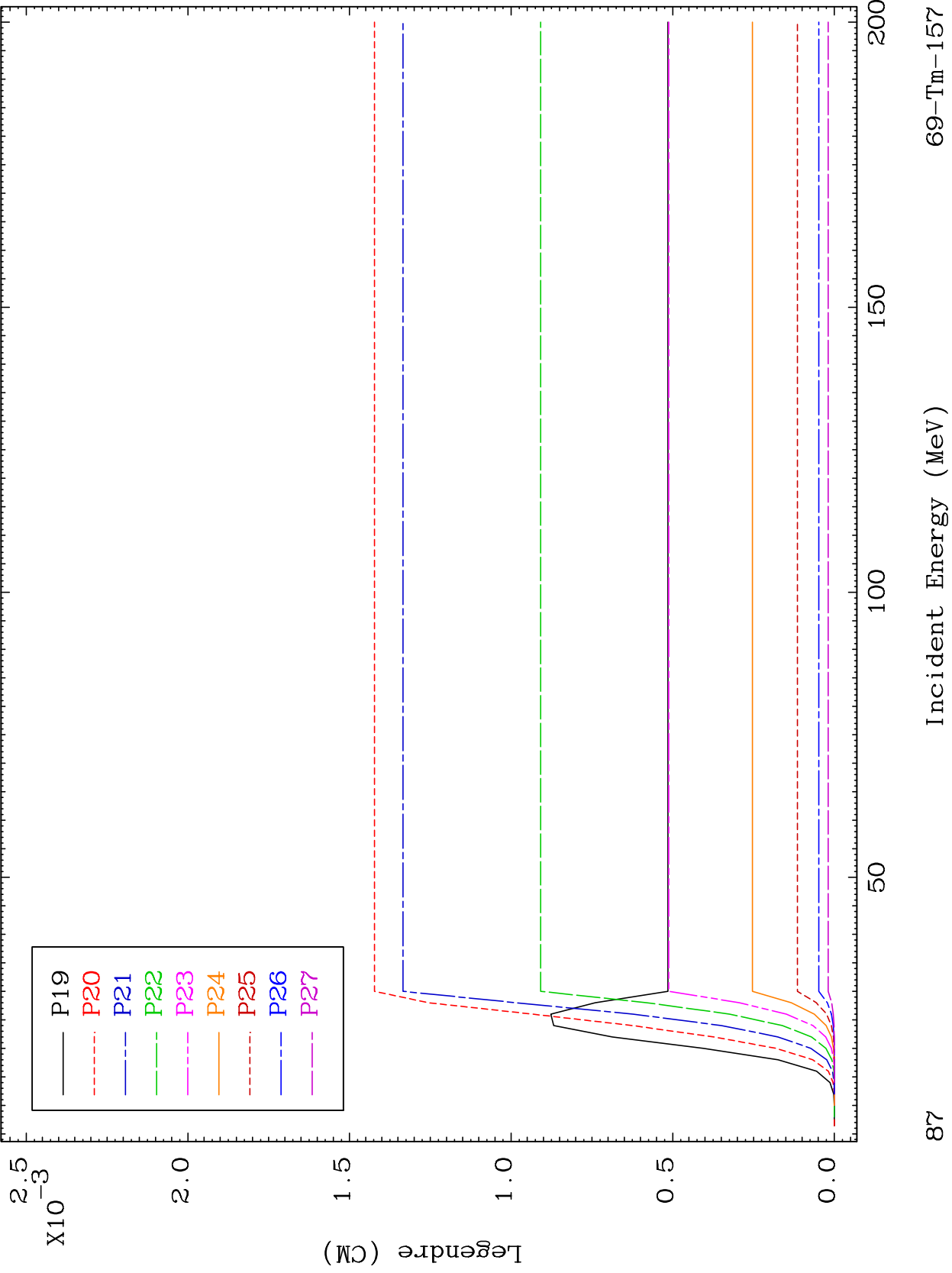
Incident Energy (MeV)

69-Tm-157

MAT 6889

787.7 keV (n,n') Level
Legendre Coefficients

69-Tm-157



87

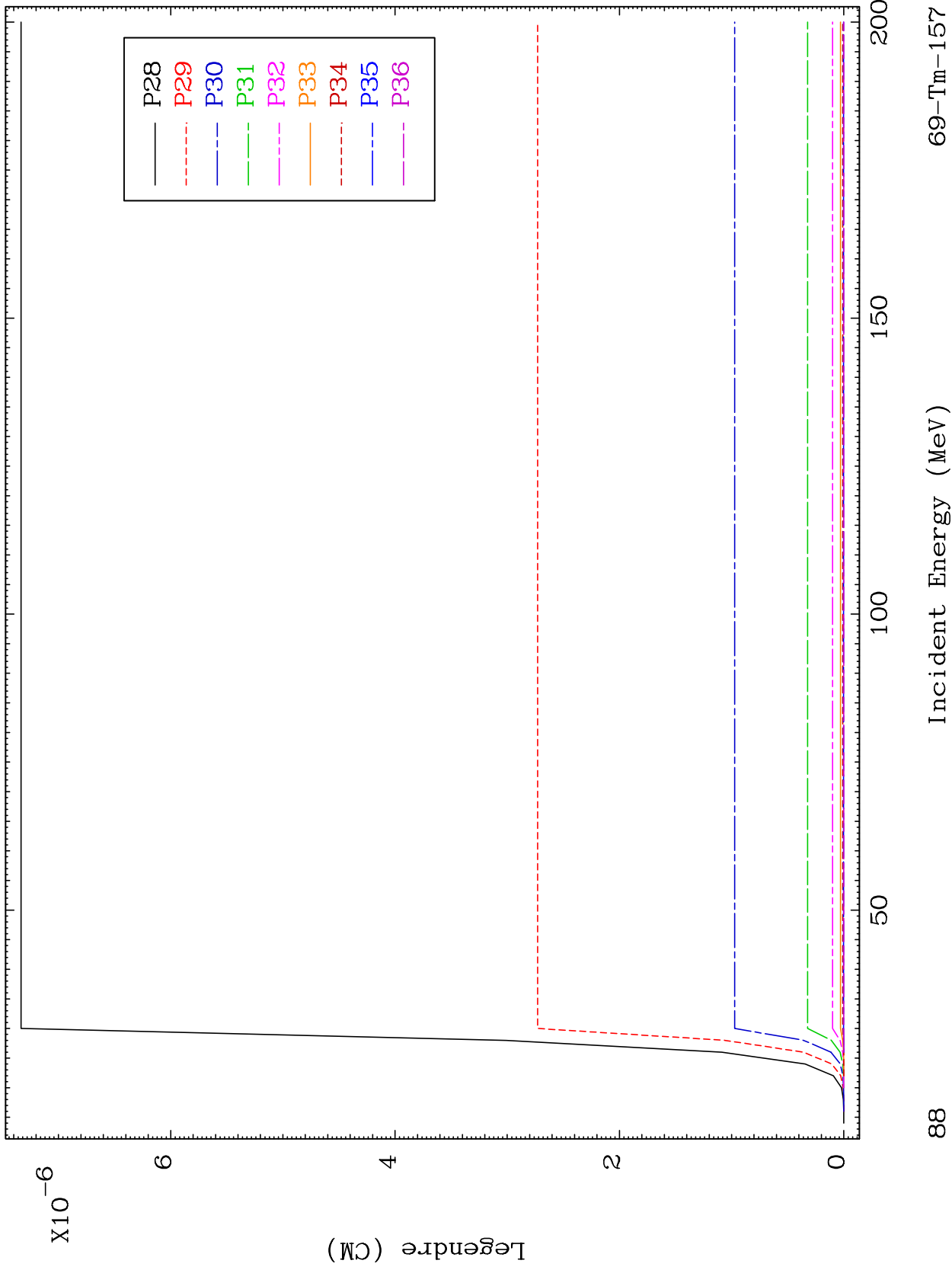
Incident Energy (MeV)

69-Tm-157

MAT 6889

787.7 keV (n,n') Level
Legendre Coefficients

69-Tm-157



88

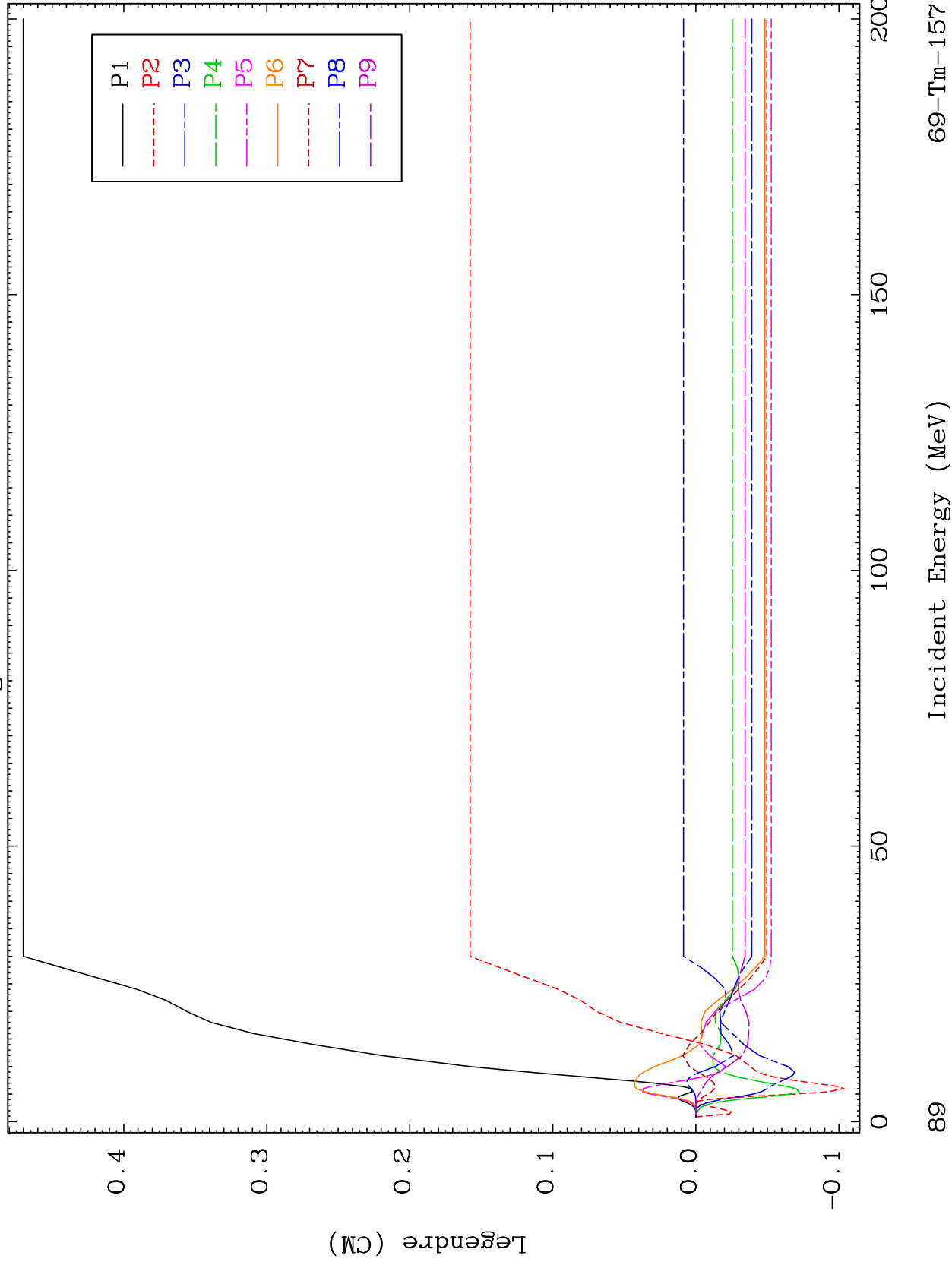
Incident Energy (MeV)

69-Tm-157

MAT 6889

834.7 keV (n,n') Level
Legendre Coefficients

69-Tm-157



69-Tm-157

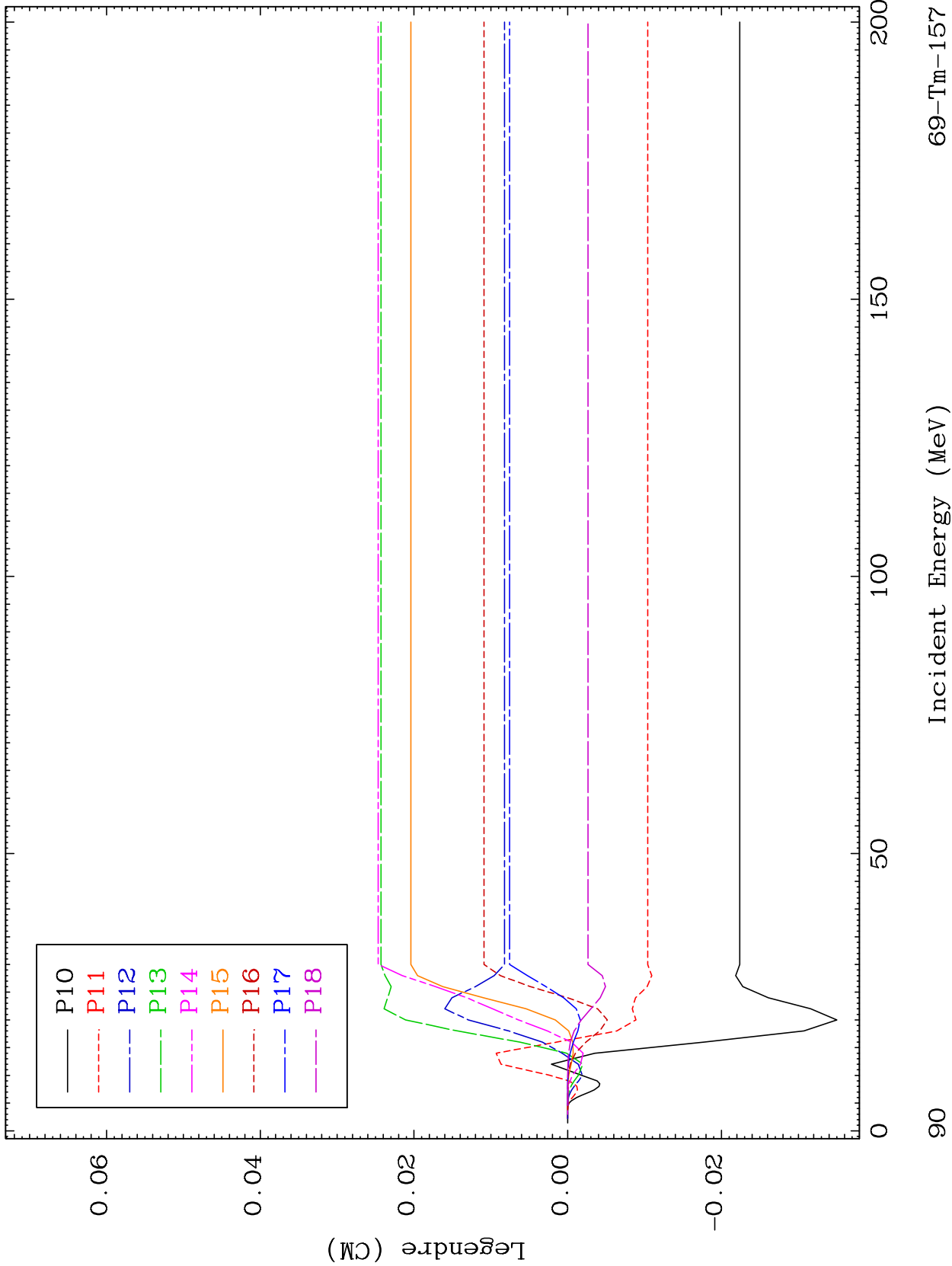
Incident Energy (MeV)

89

MAT 6889

834.7 keV (n,n') Level
Legendre Coefficients

69-Tm-157



69-Tm-157

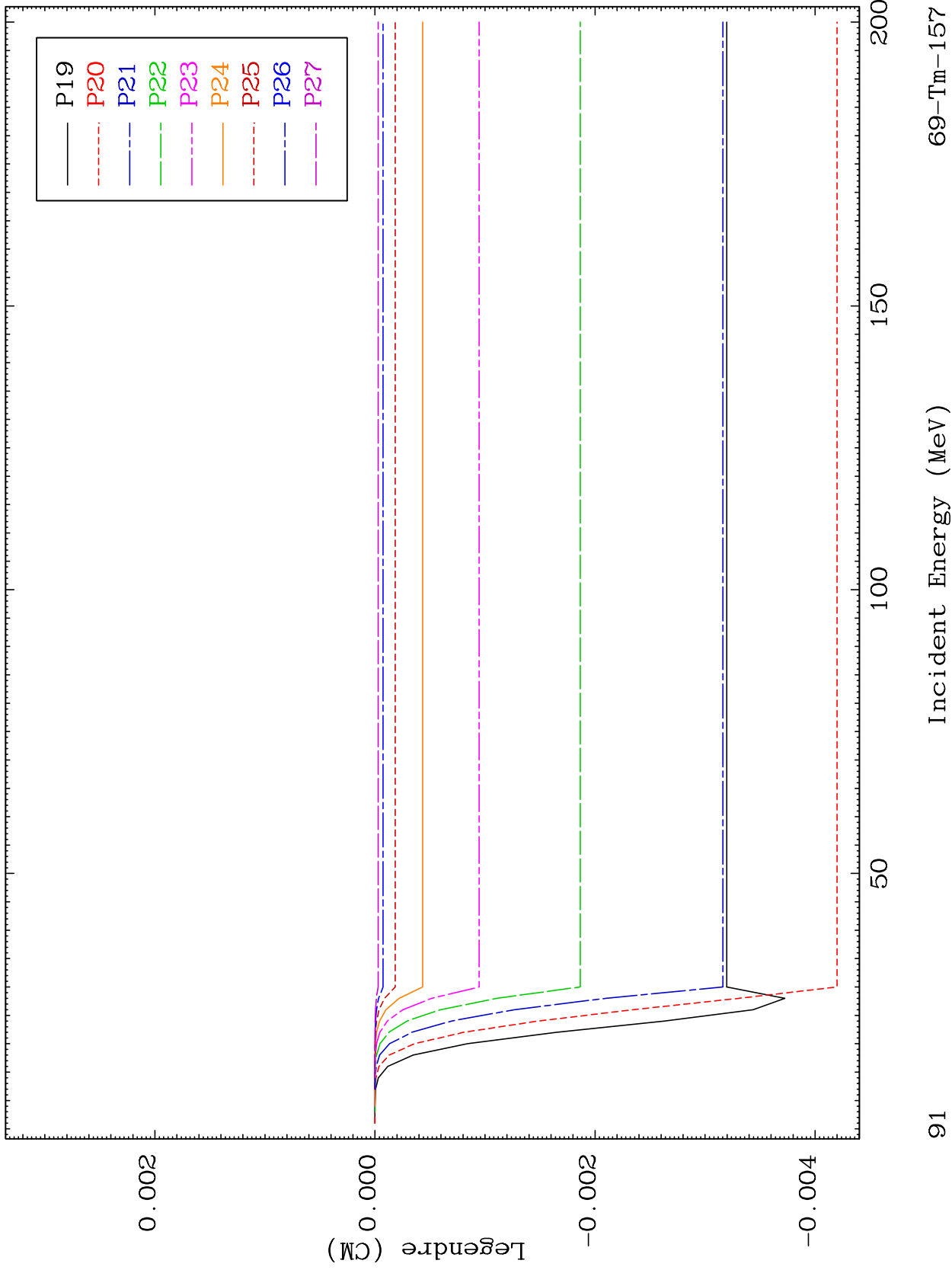
Incident Energy (MeV)

90

MAT 6889

834.7 keV (n,n') Level
Legendre Coefficients

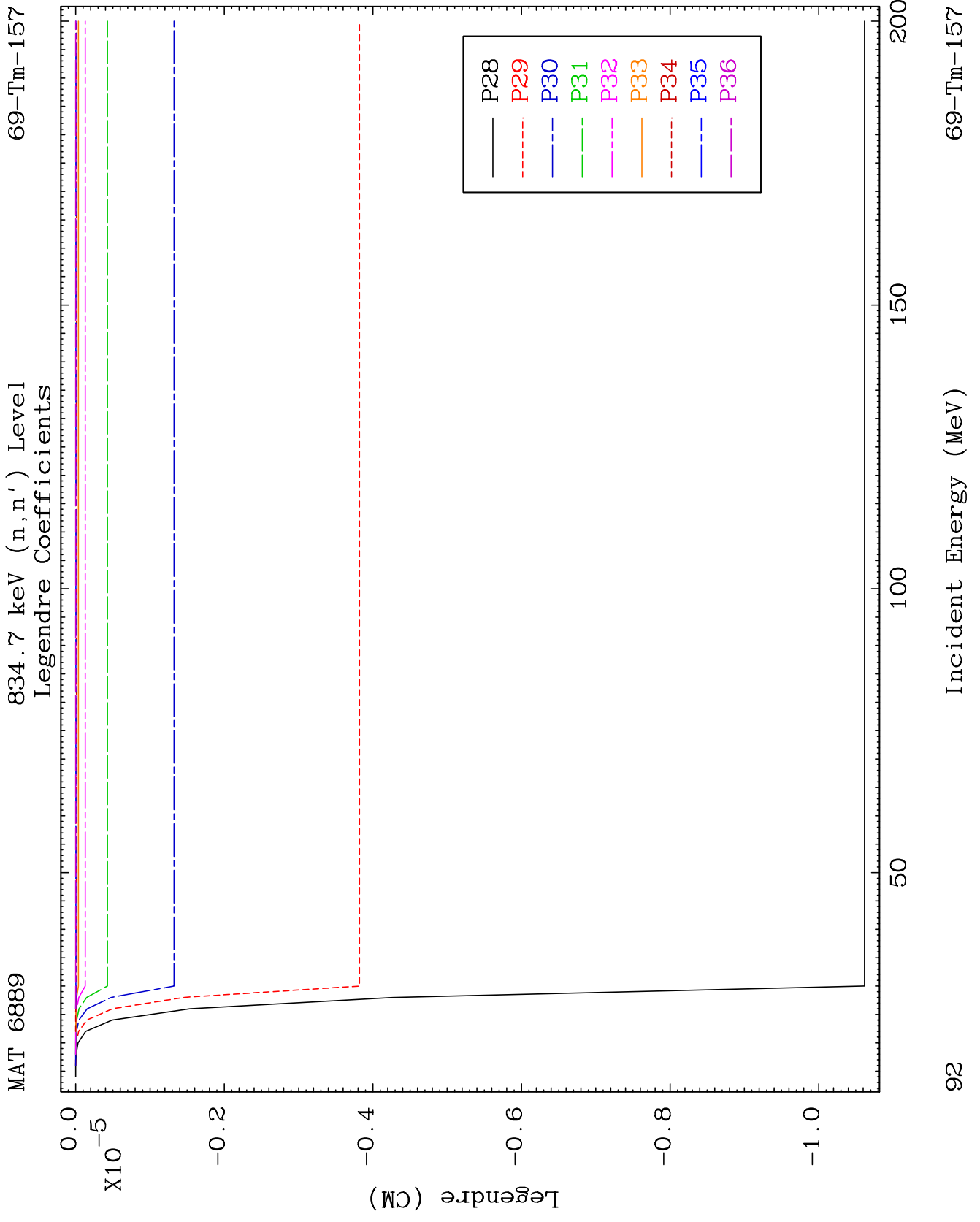
69-Tm-157

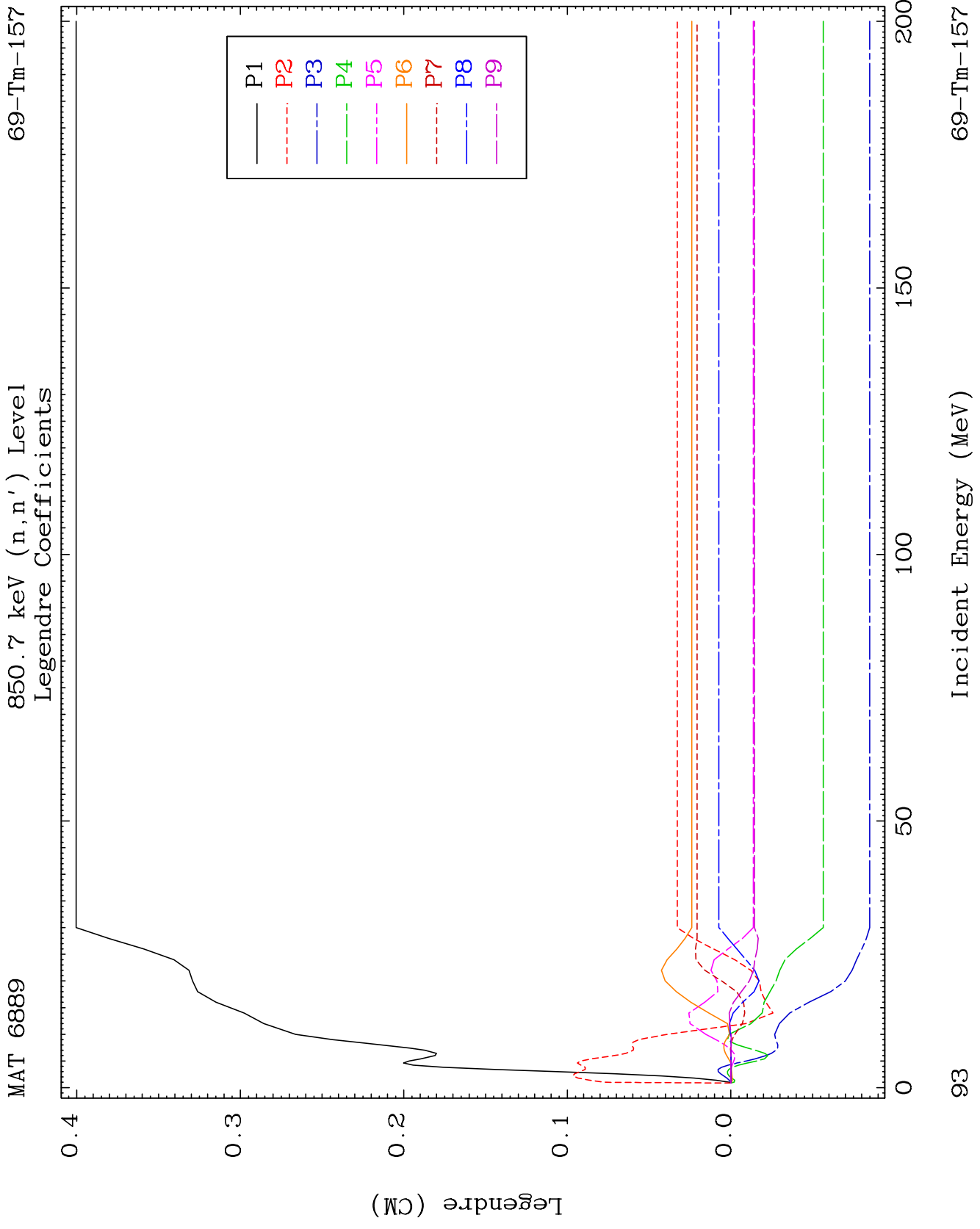


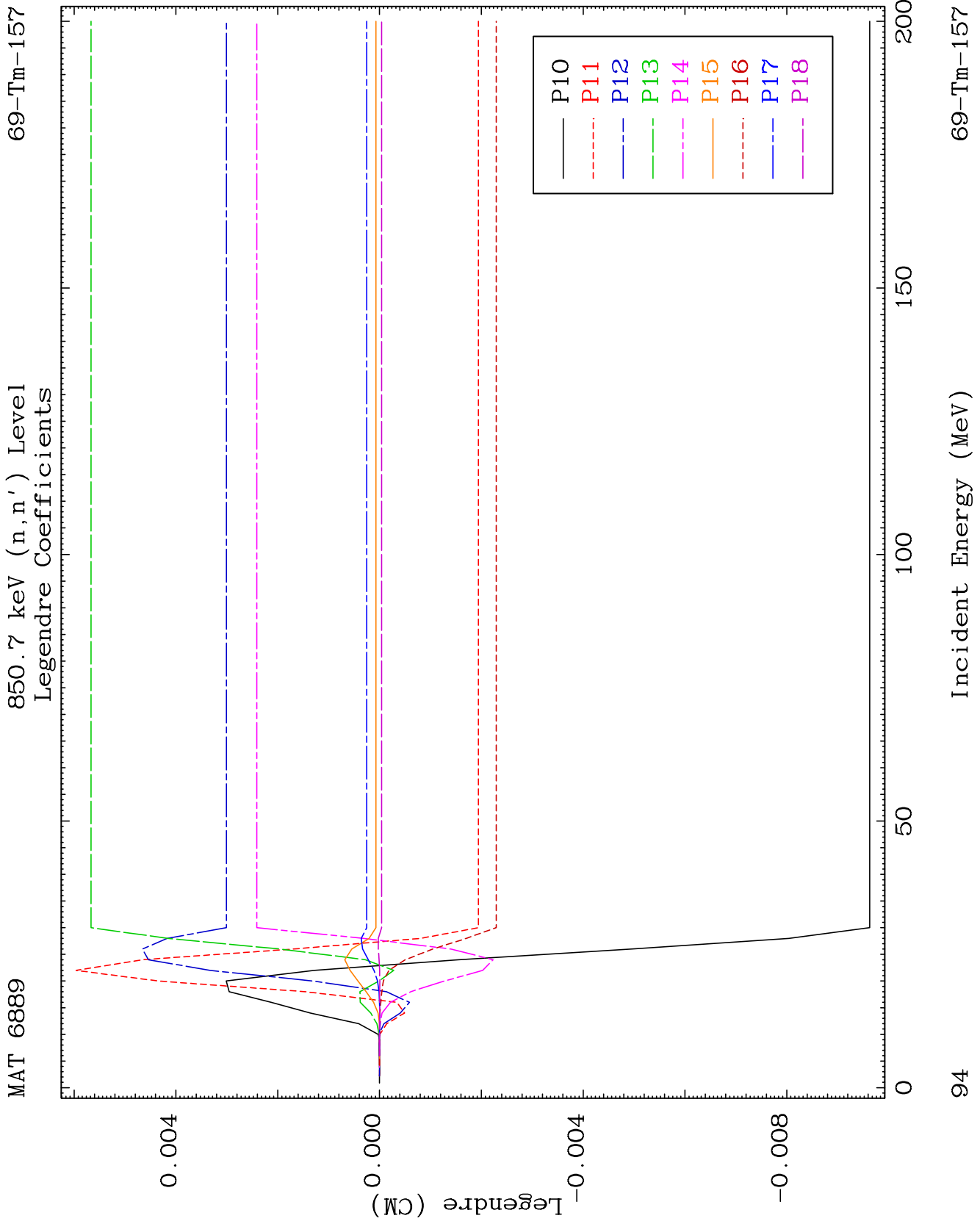
91

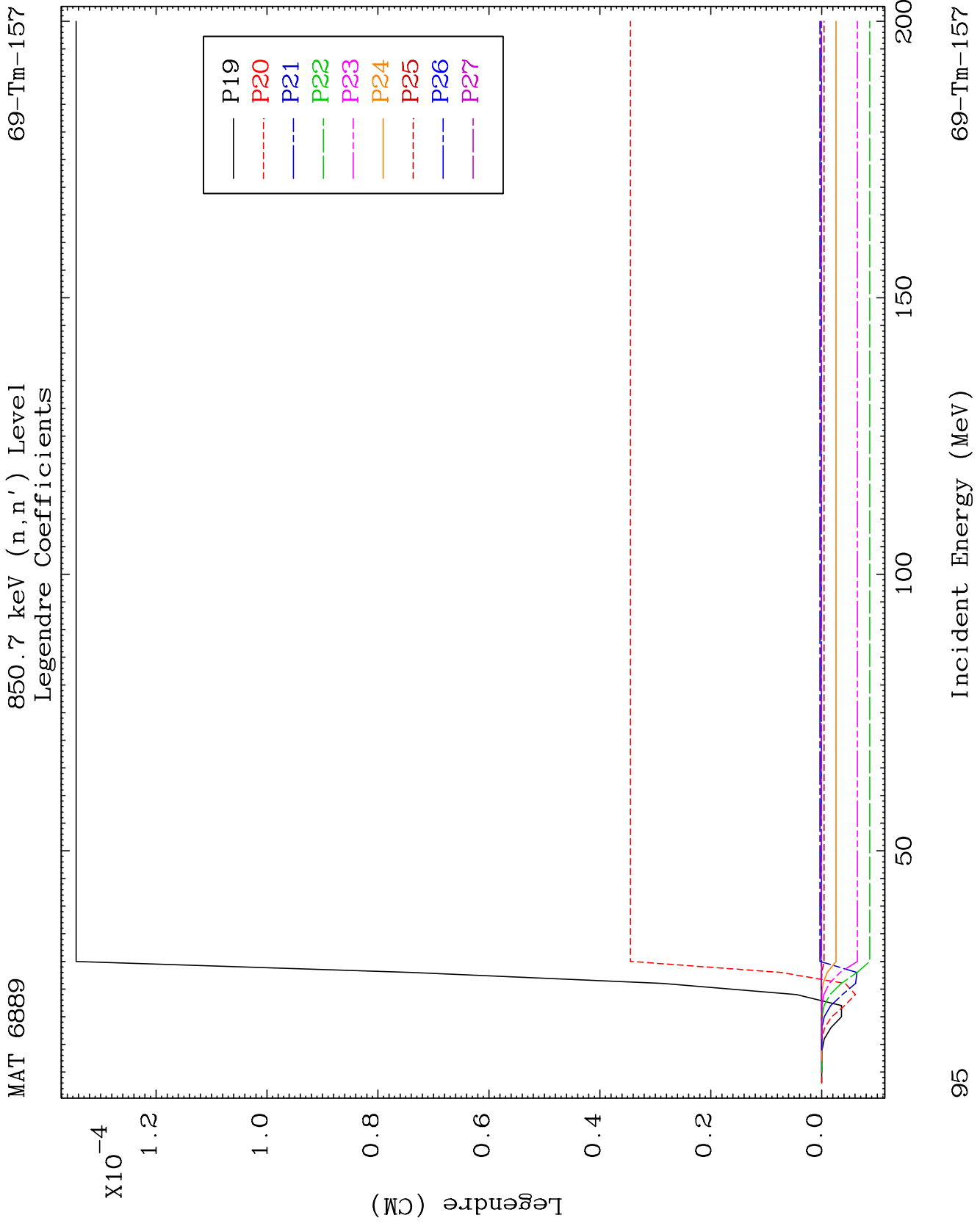
Incident Energy (MeV)

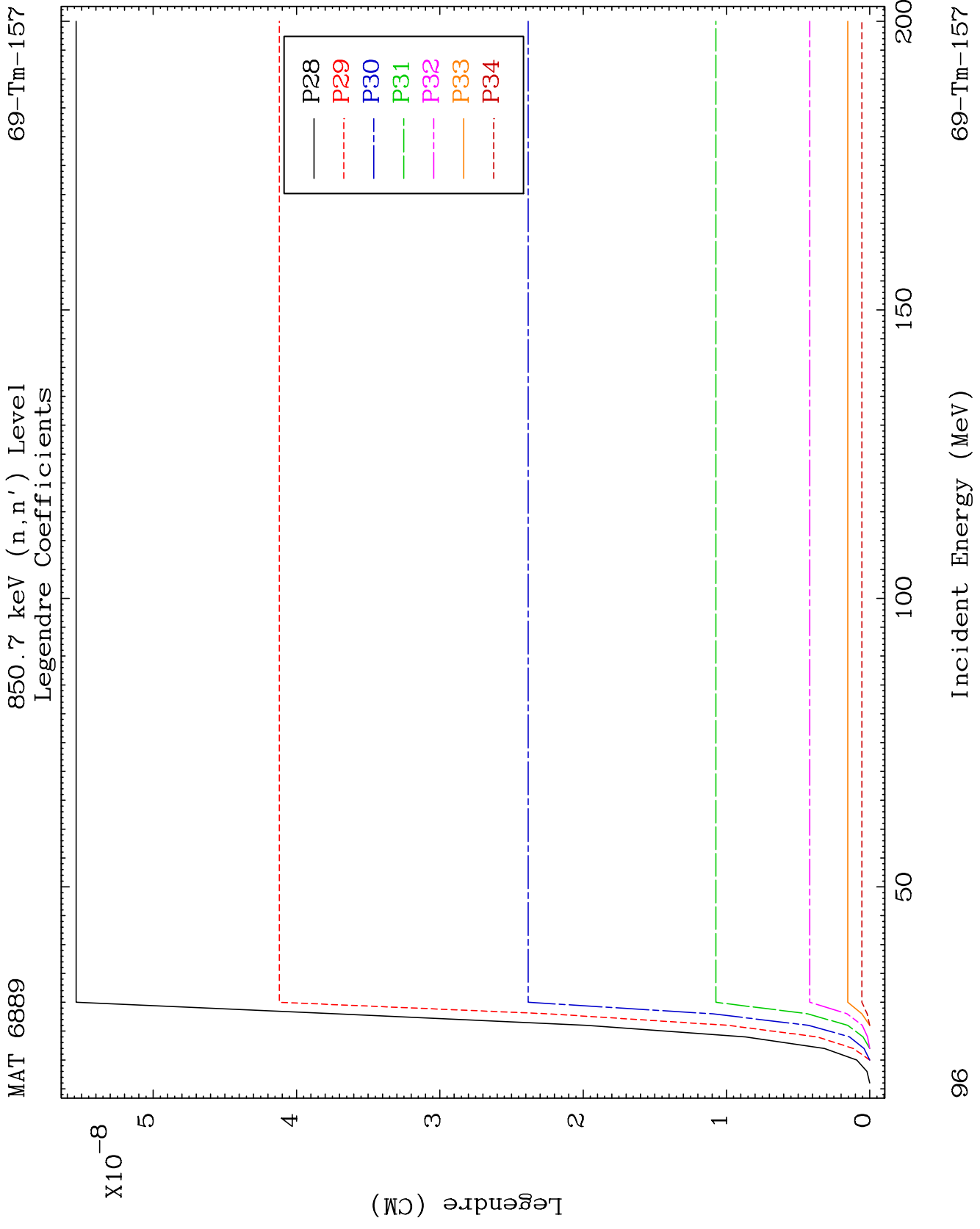
69-Tm-157







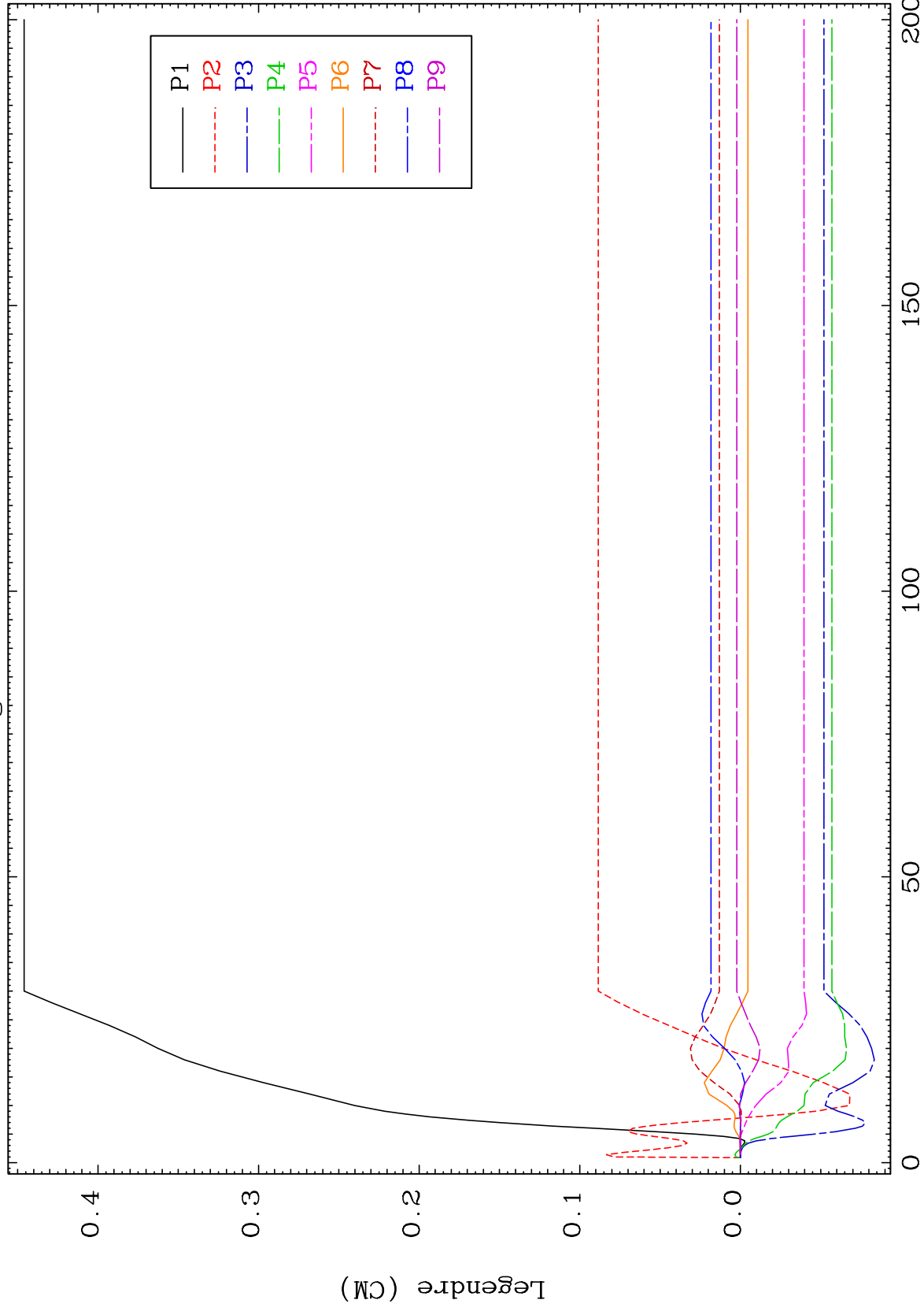




MAT 6889

854.1 keV (n,n') Level
Legendre Coefficients

69-Tm-157



97

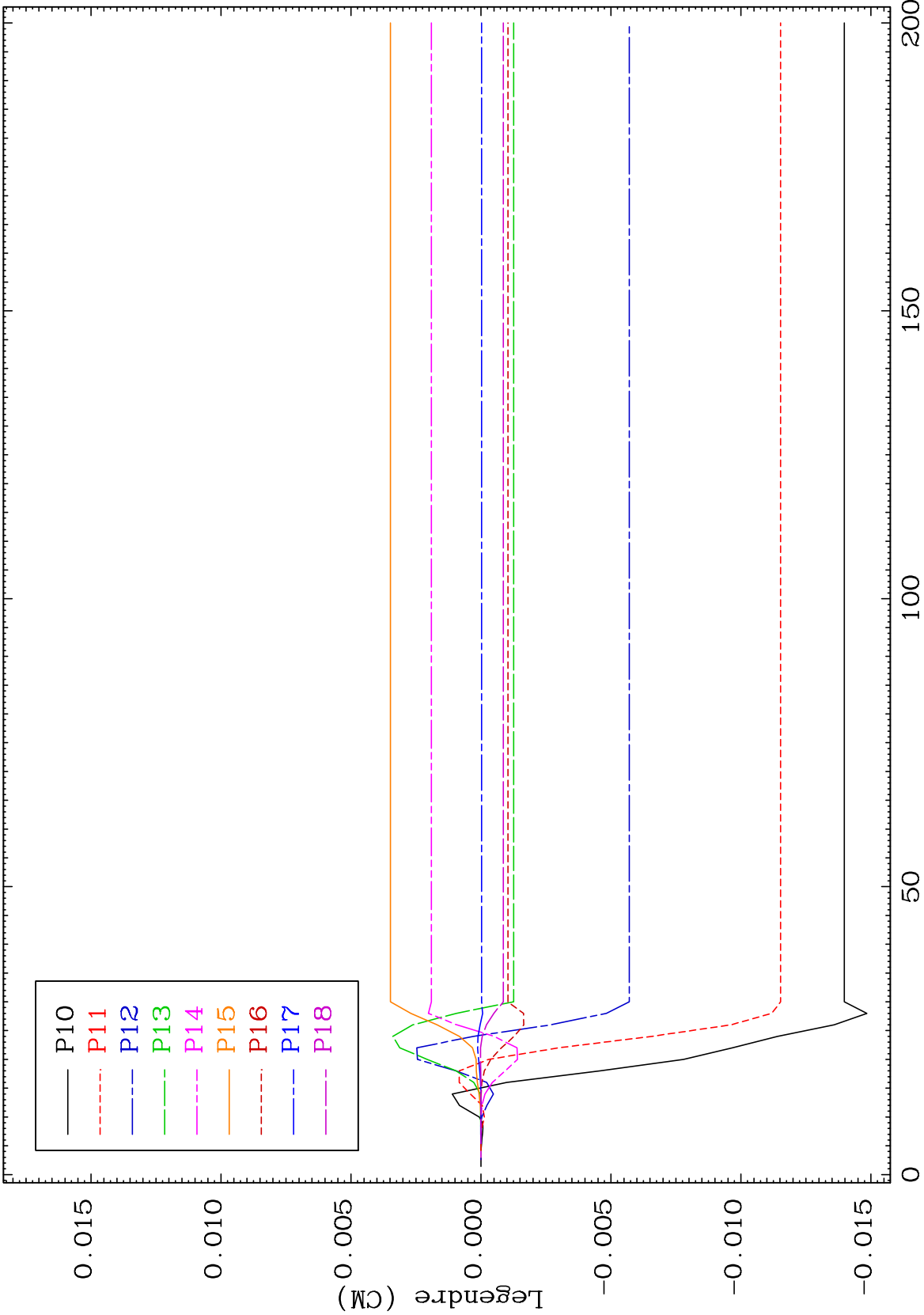
Incident Energy (MeV)

69-Tm-157

MAT 6889

854.1 keV (n,n') Level
Legendre Coefficients

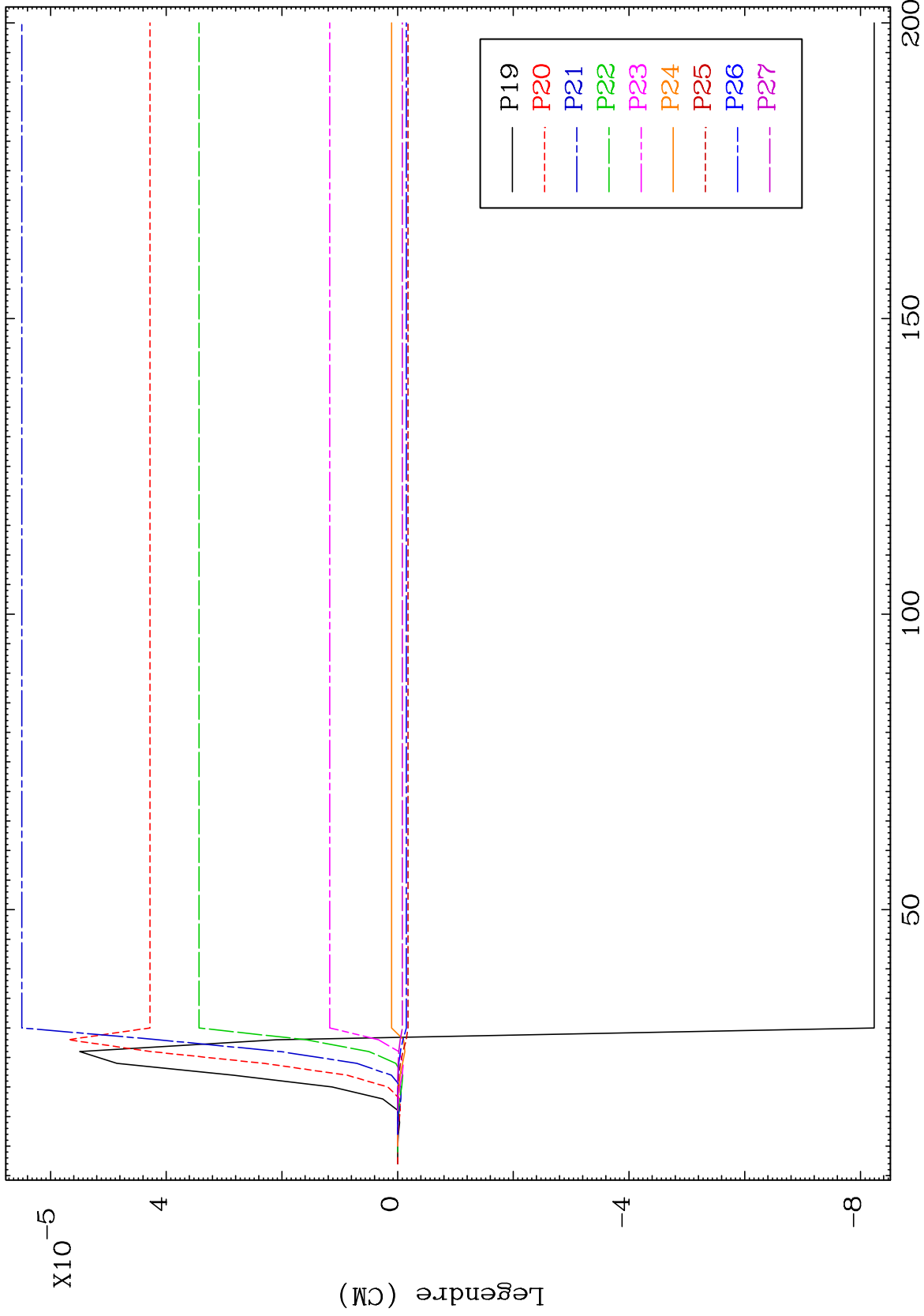
69-Tm-157

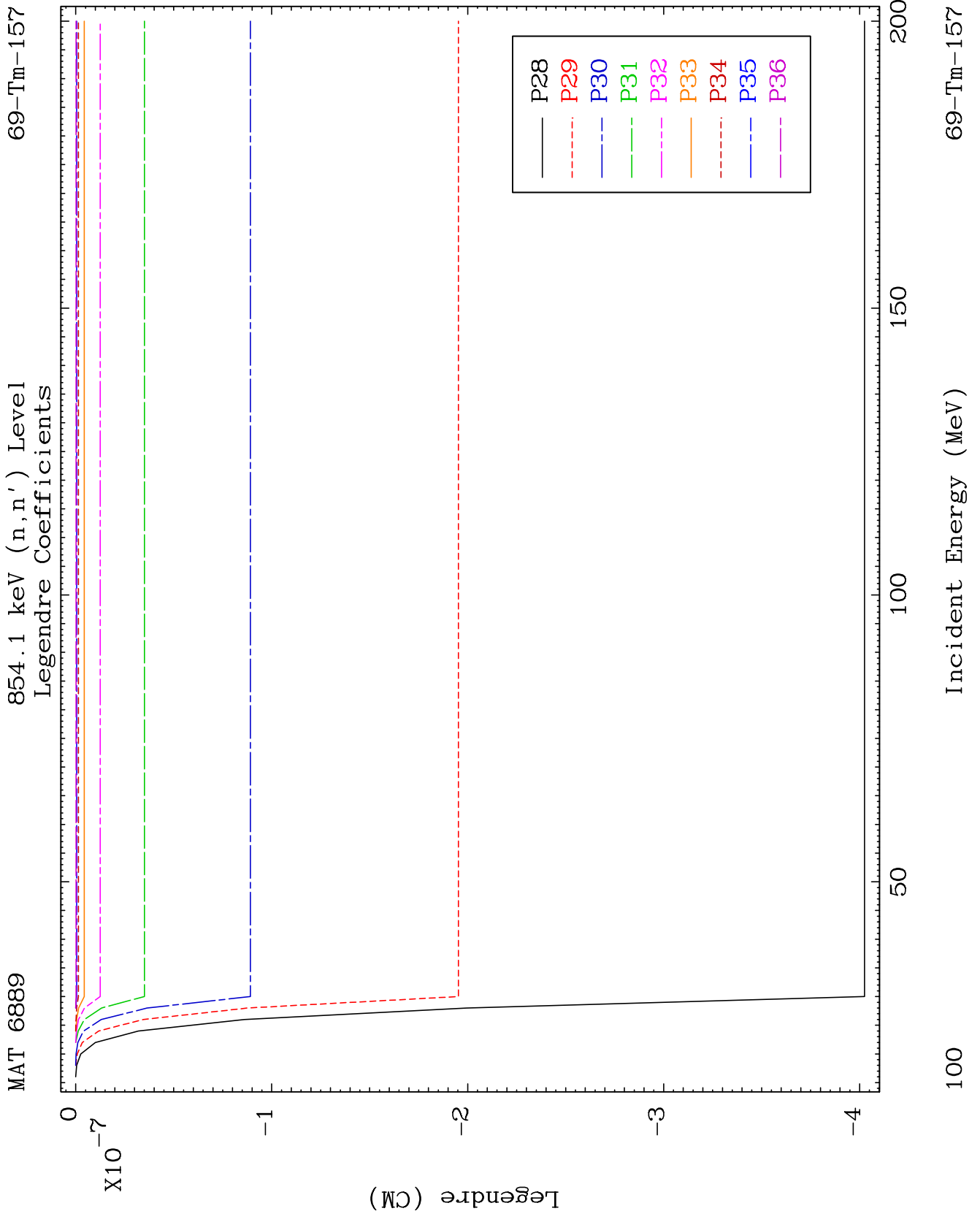


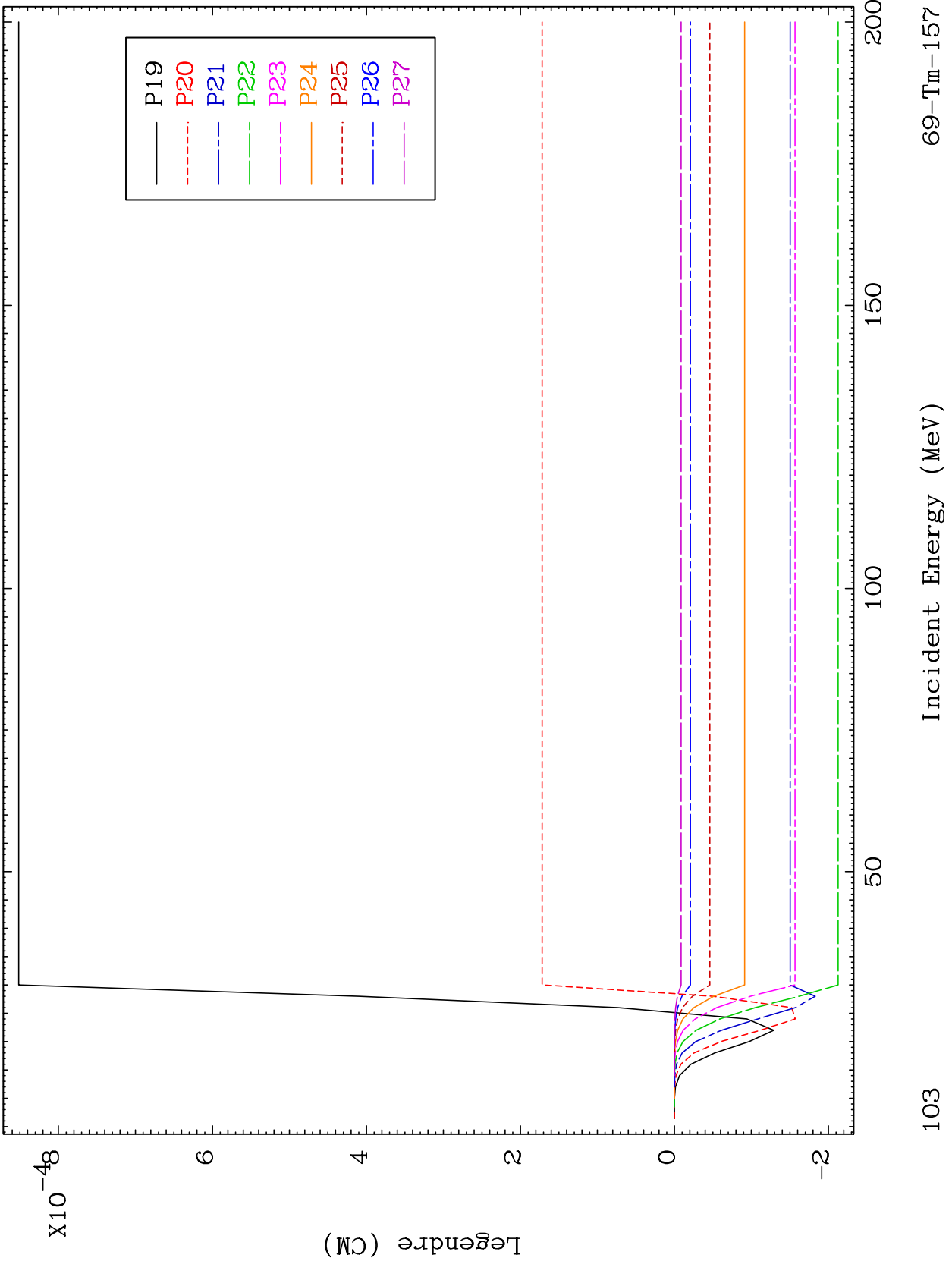
98

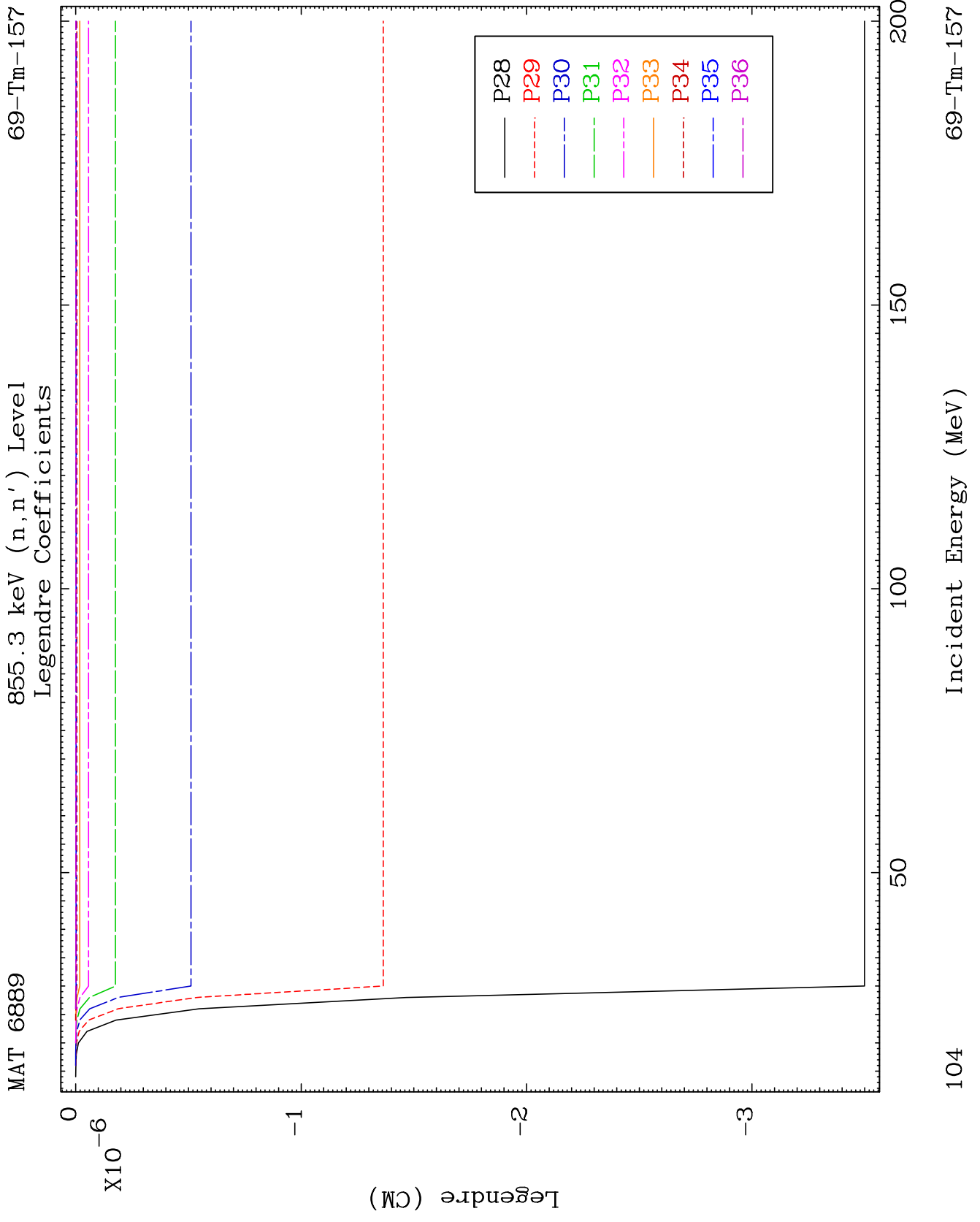
Incident Energy (MeV)

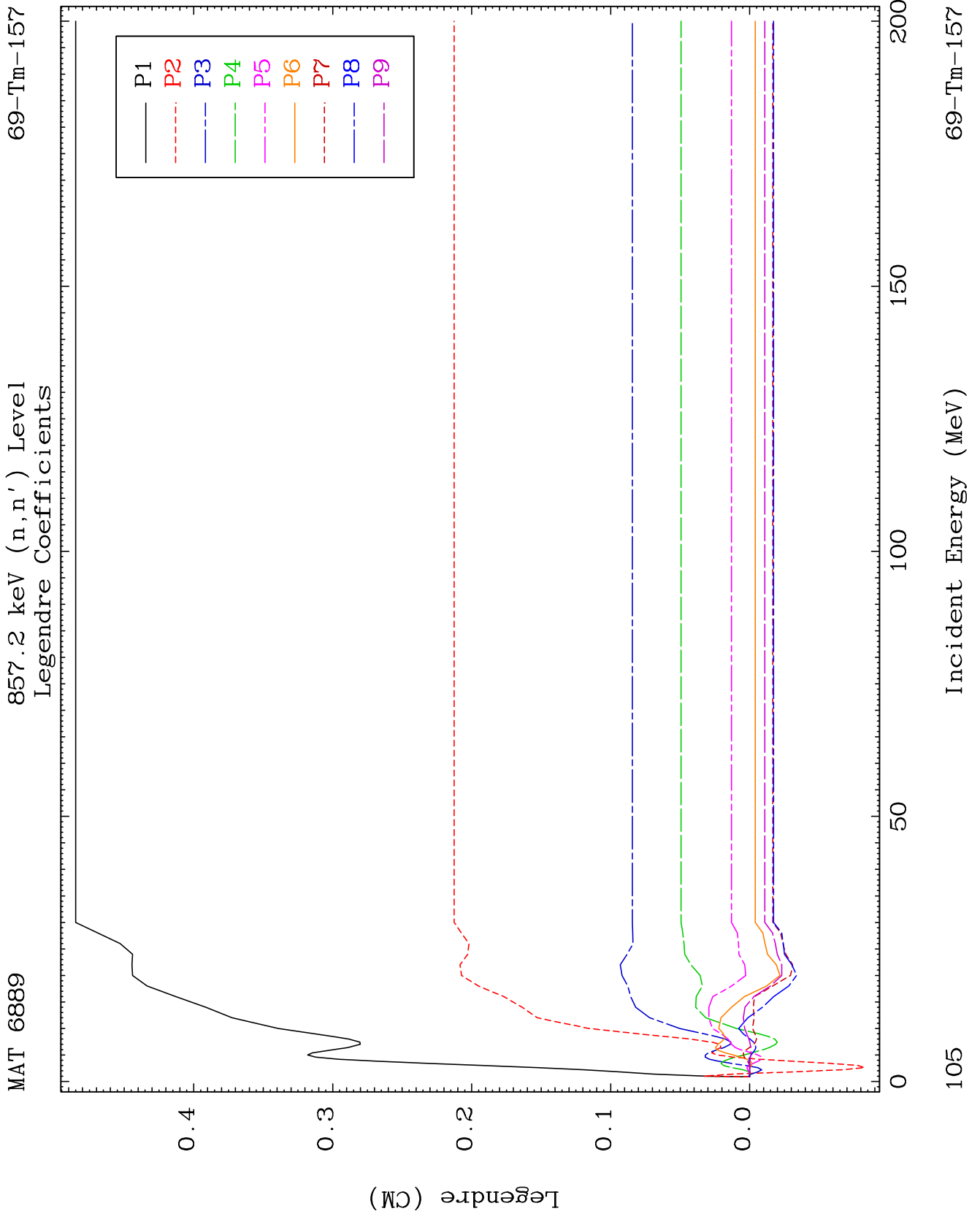
69-Tm-157







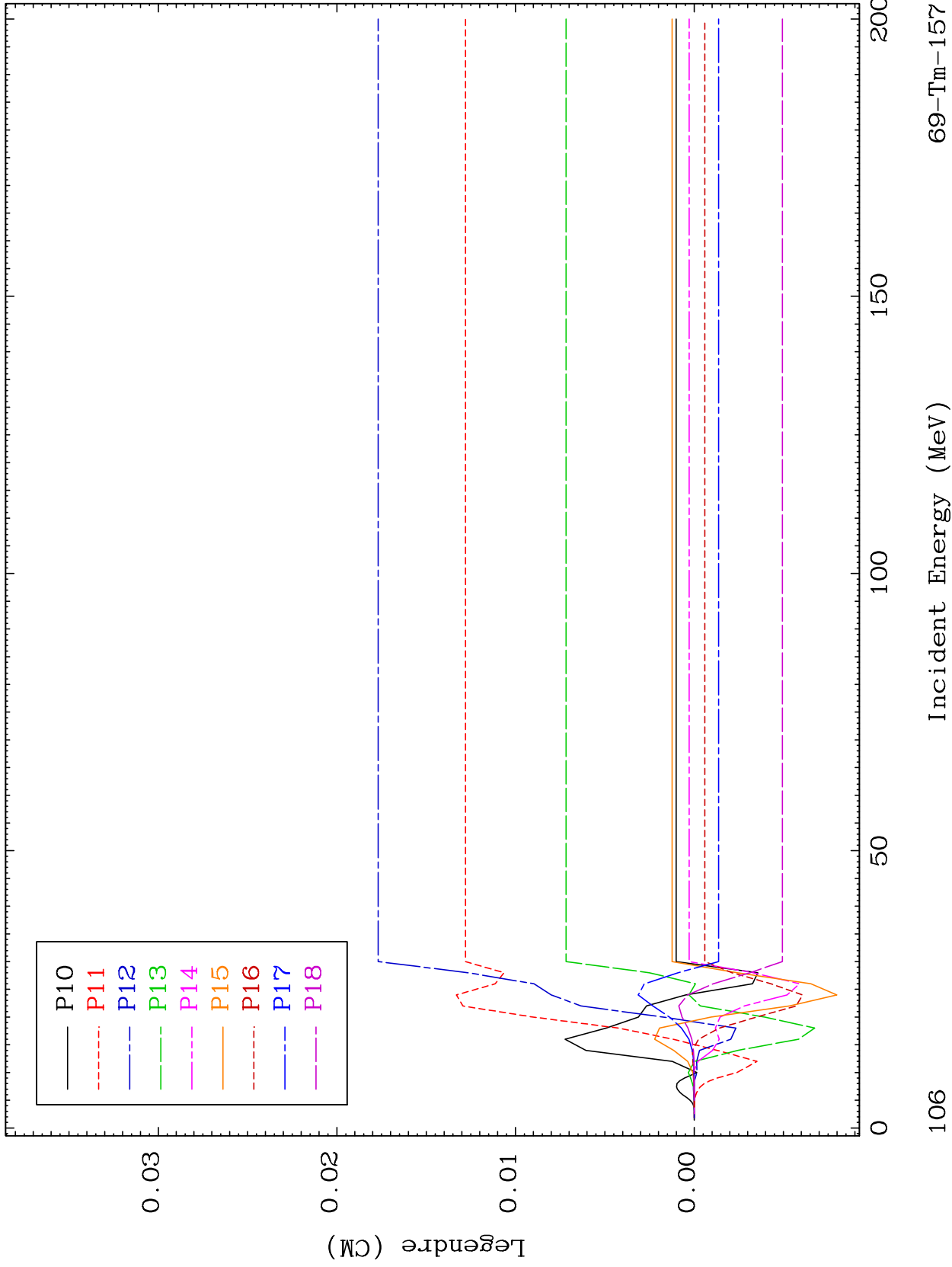




MAT 6889

857.2 keV (n, n') Level
Legendre Coefficients

69-Tm-157



106

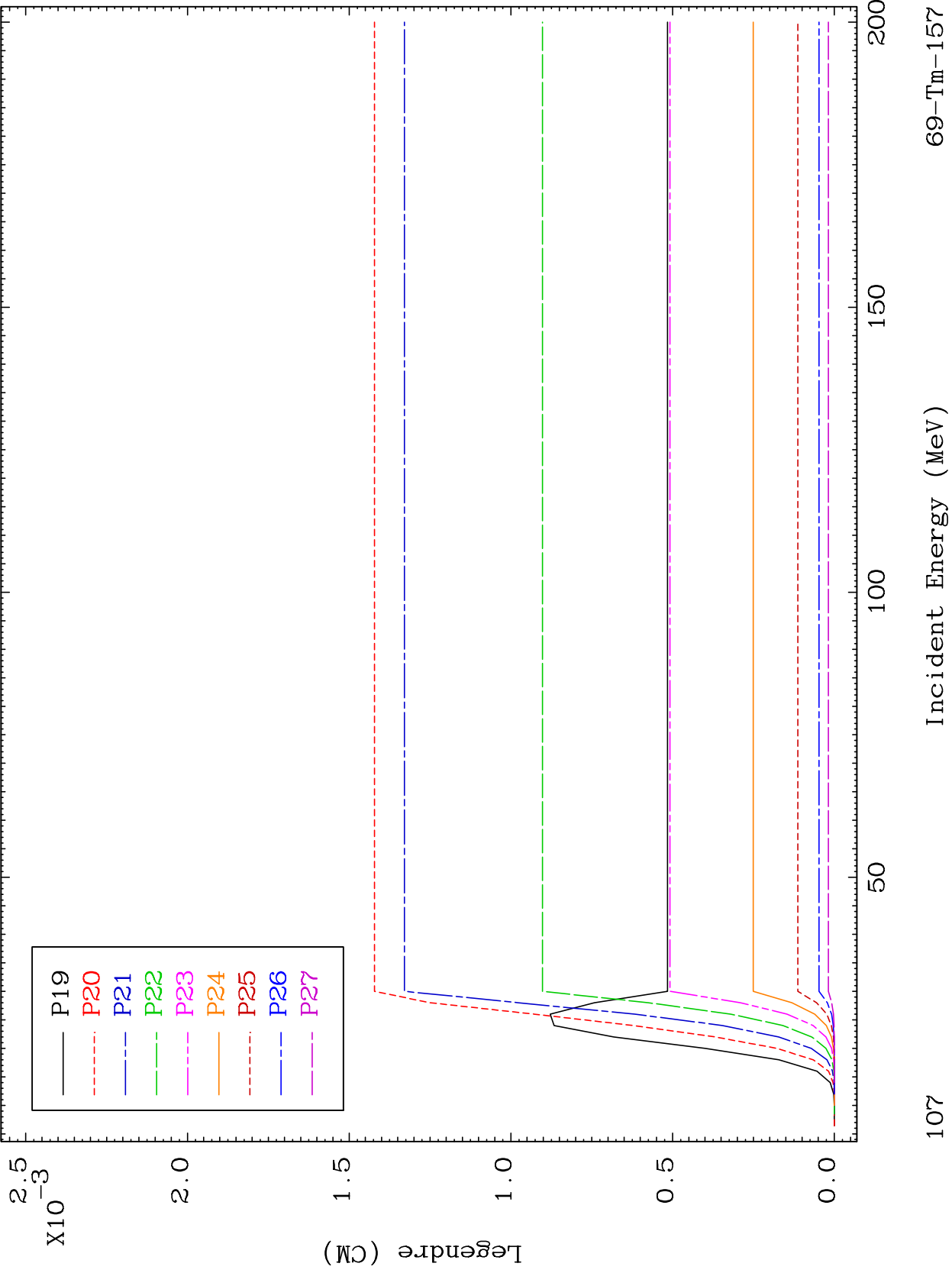
Incident Energy (MeV)

69-Tm-157

MAT 6889

857.2 keV (n,n') Level
Legendre Coefficients

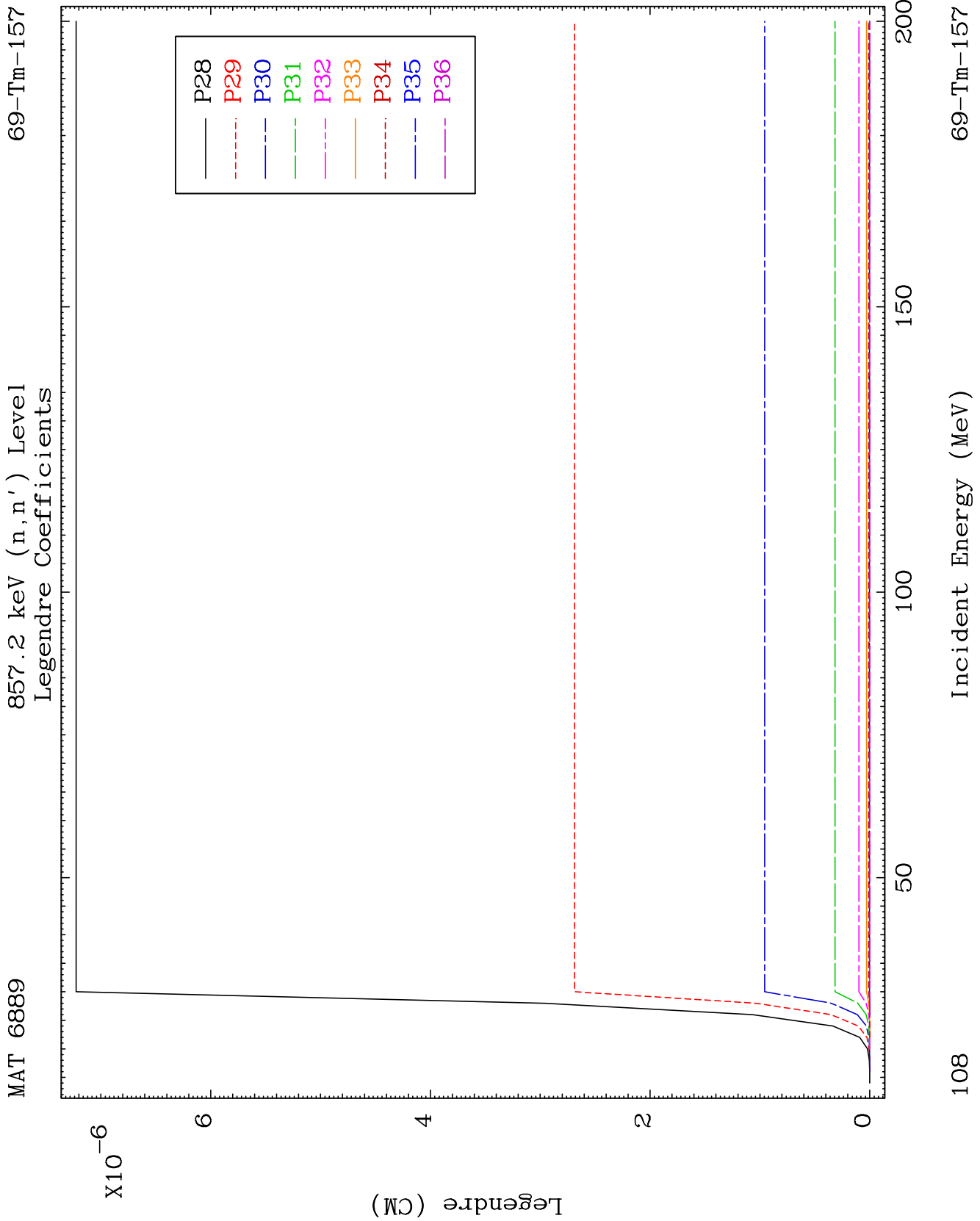
69-Tm-157

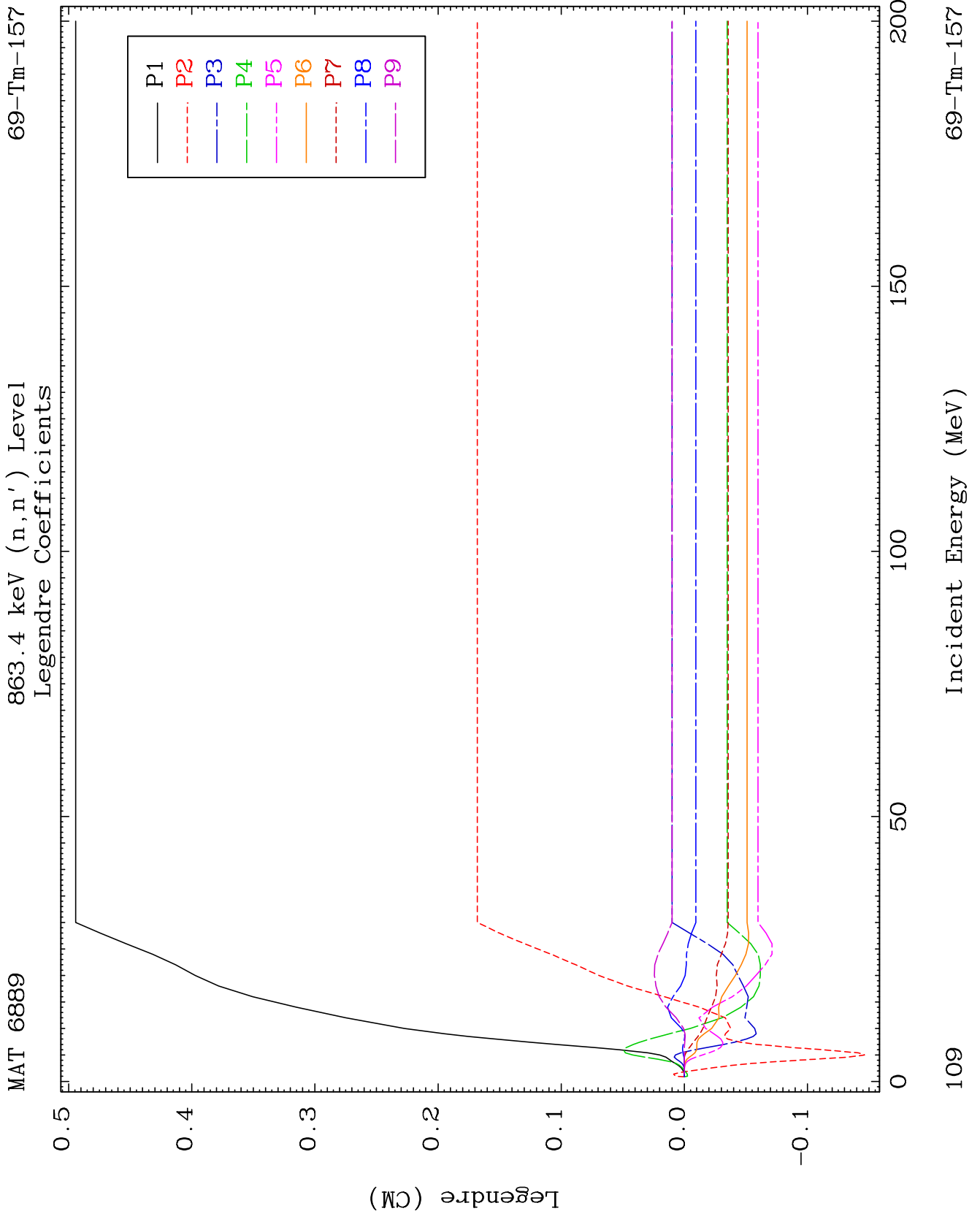


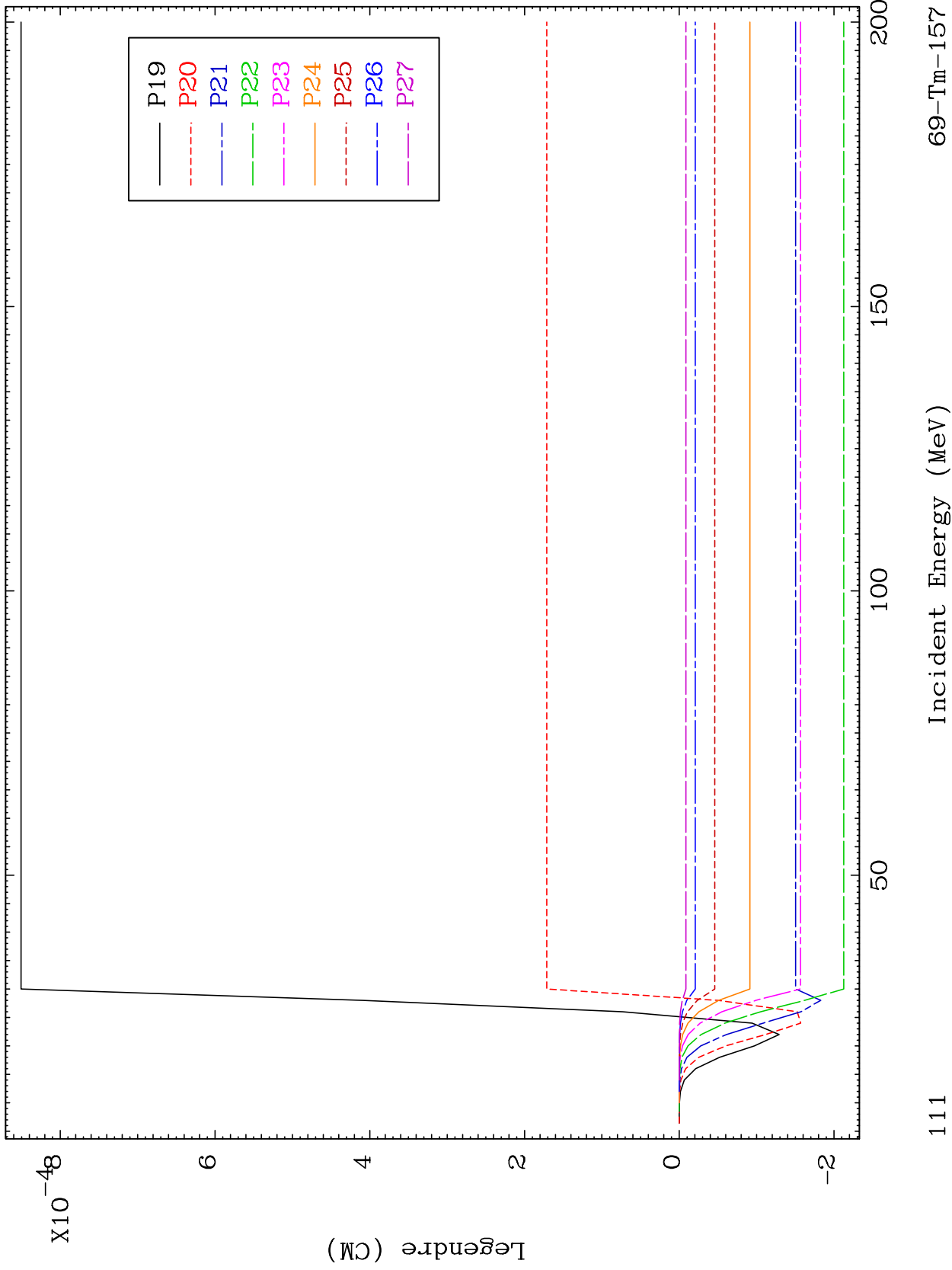
107

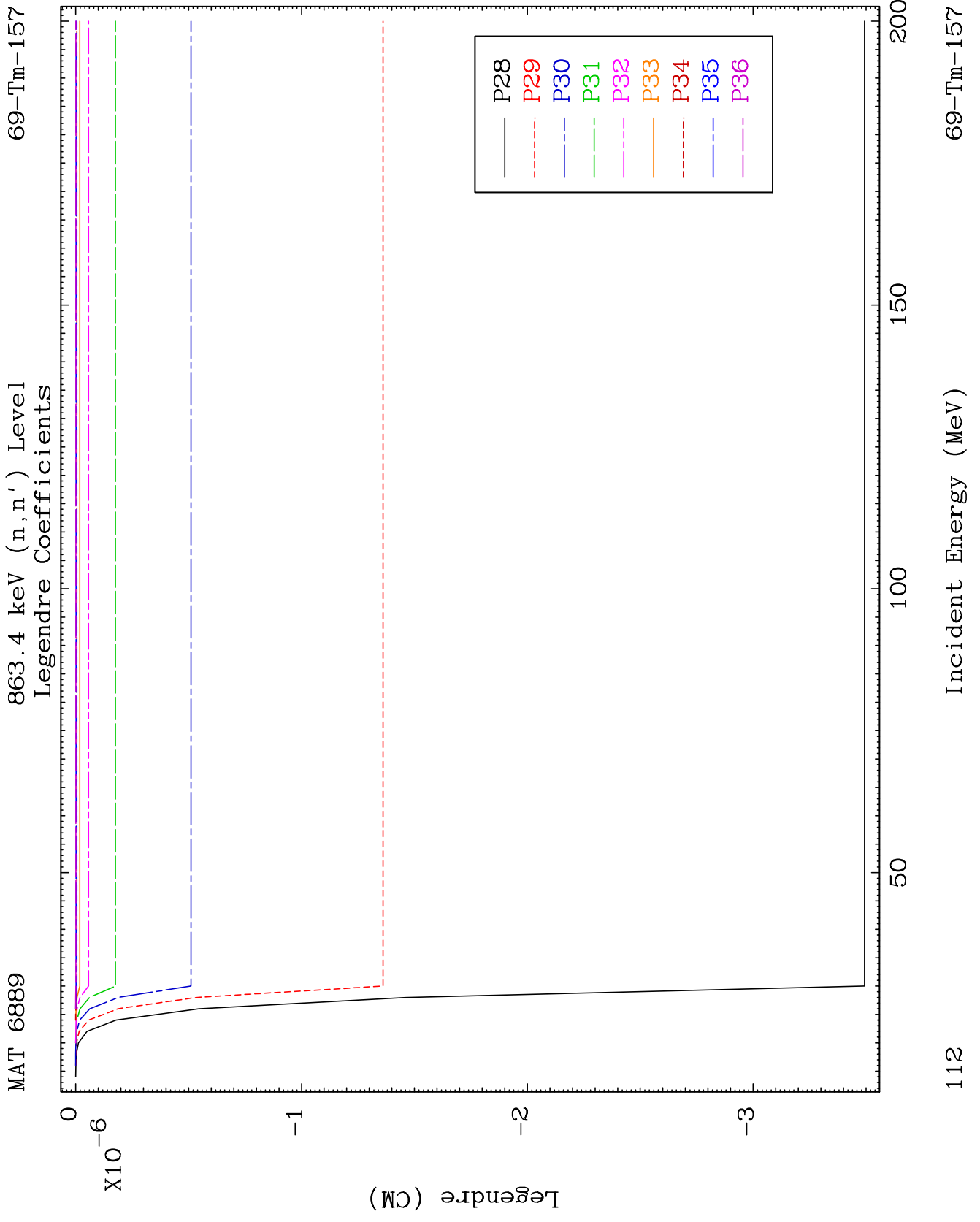
Incident Energy (MeV)

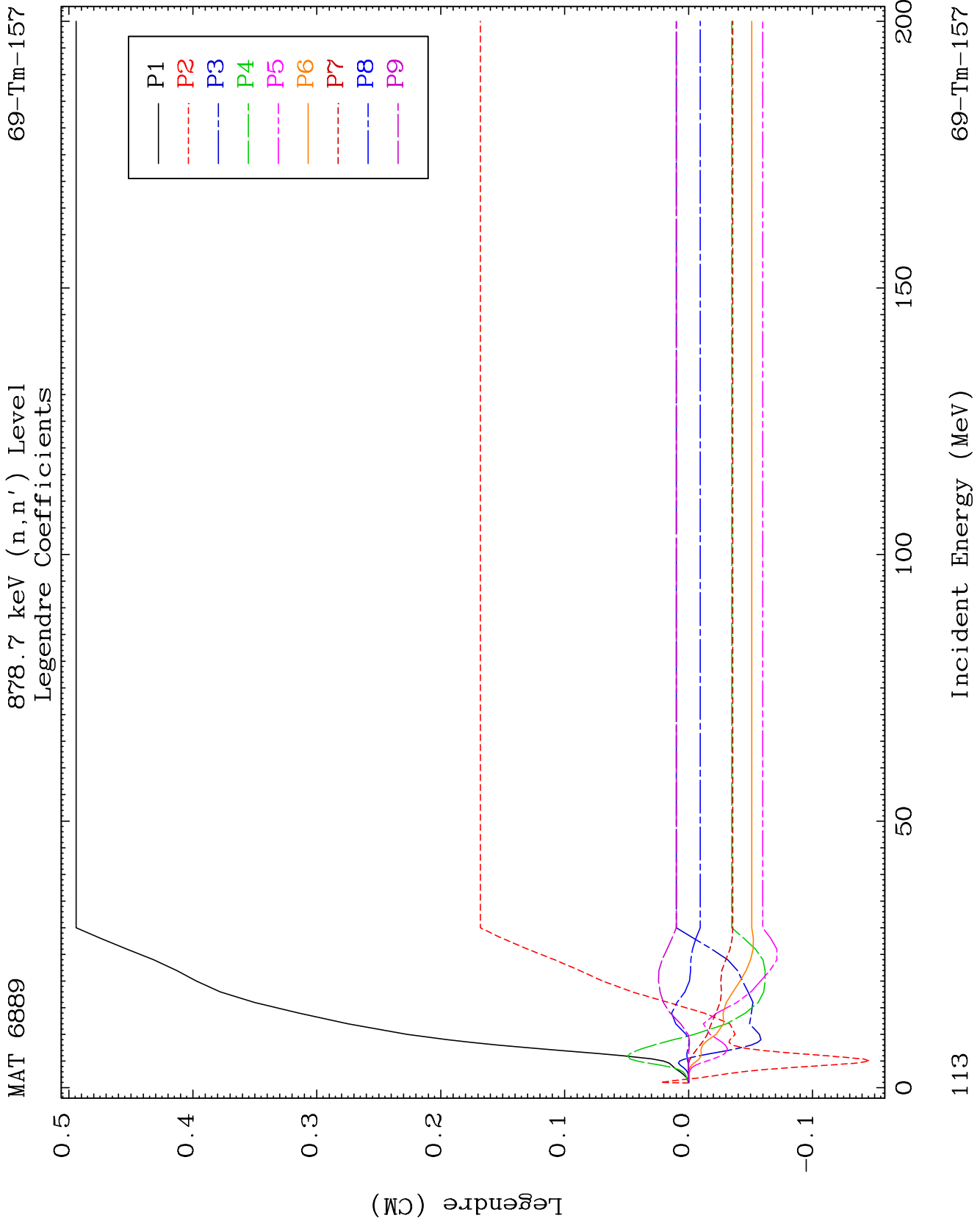
69-Tm-157







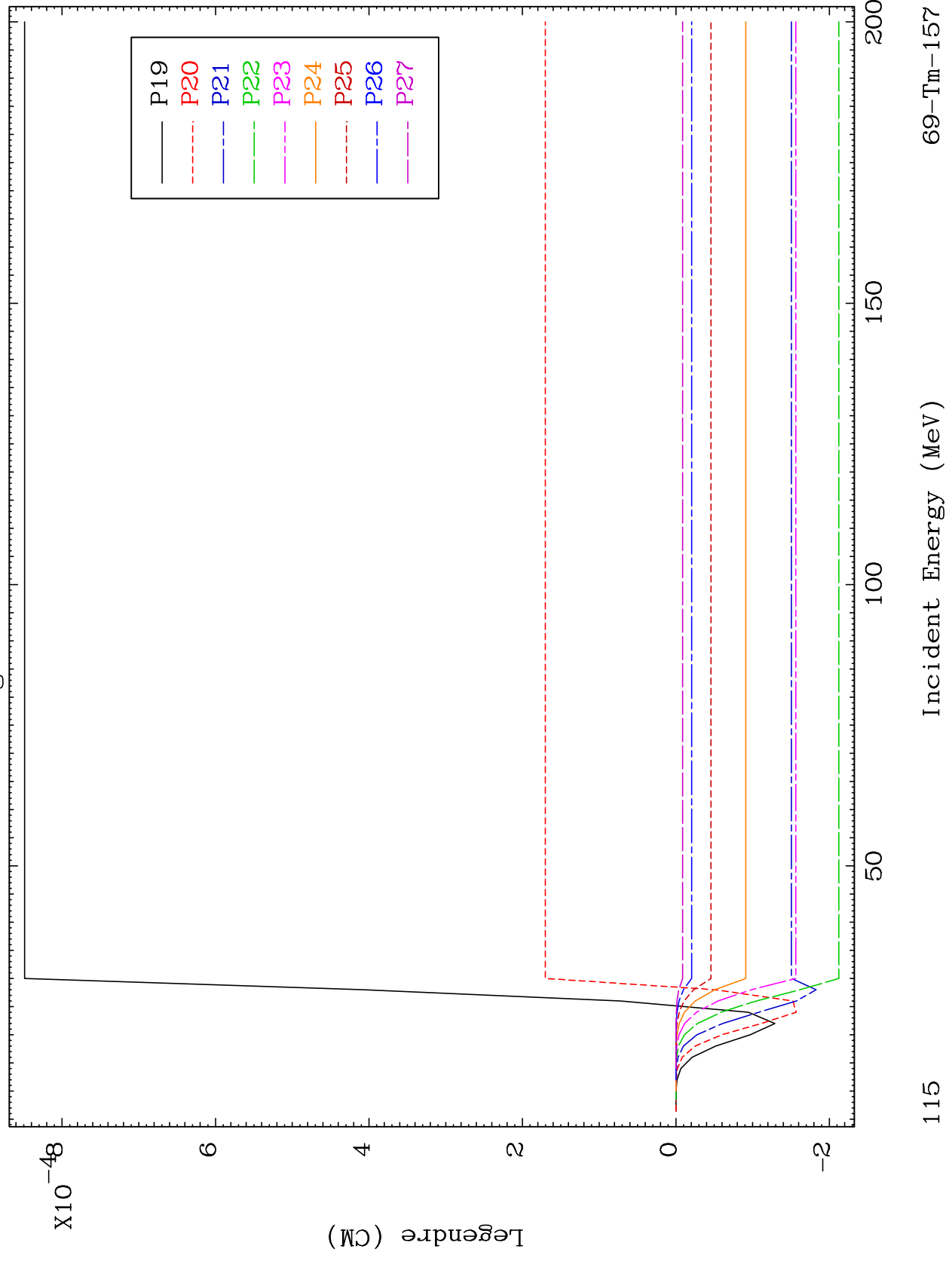




MAT 6889

878.7 keV (n,n') Level
Legendre Coefficients

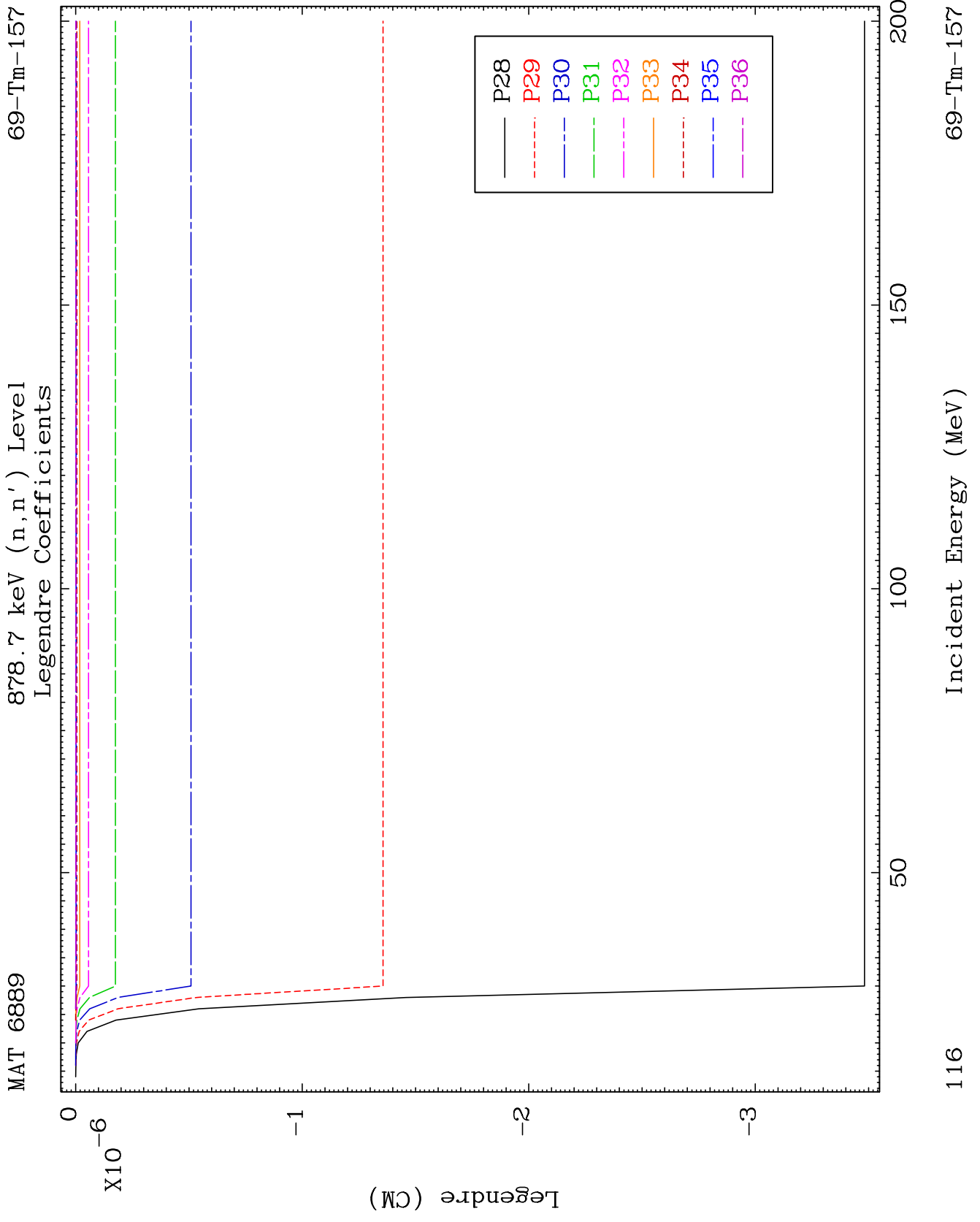
69-Tm-157

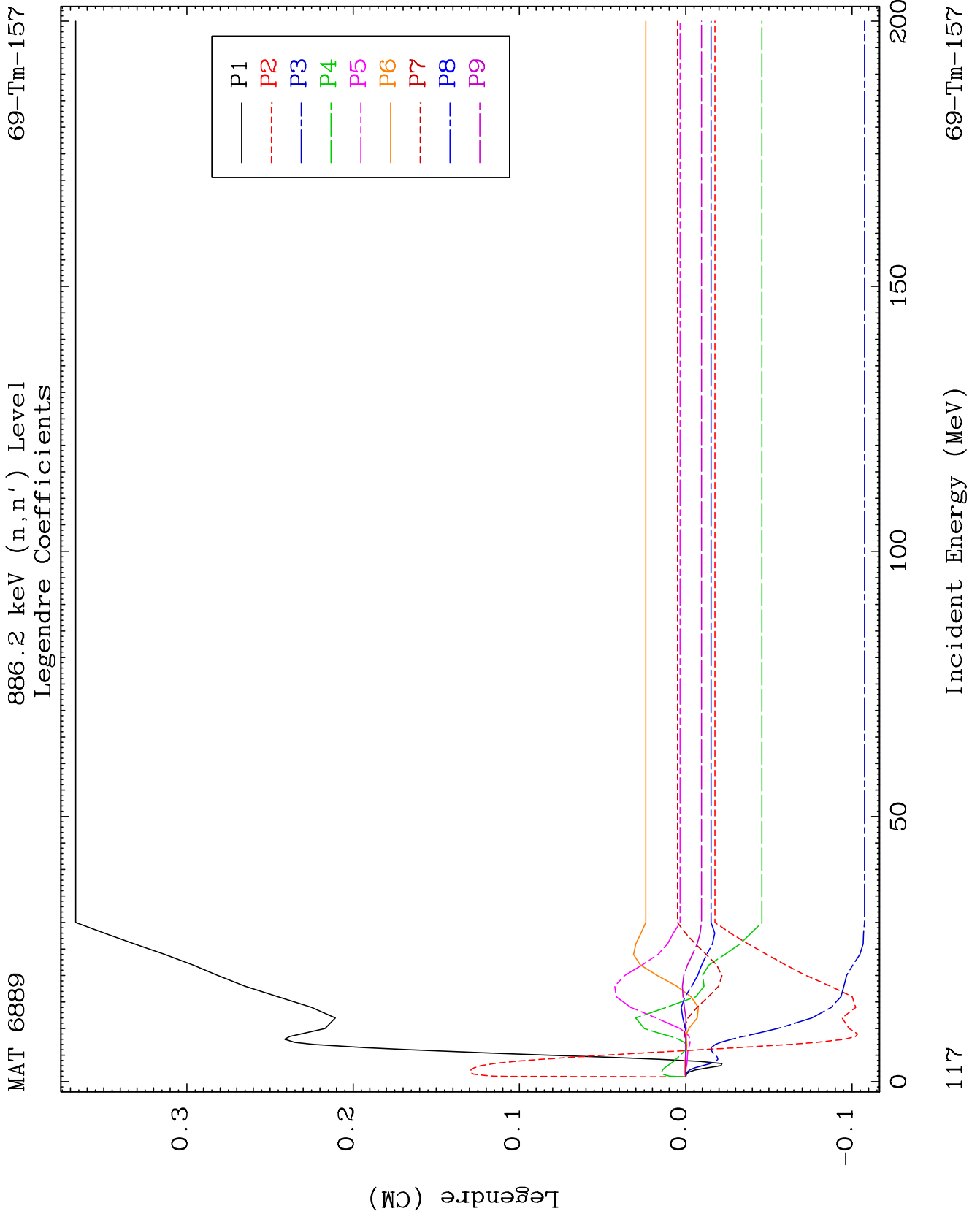


115

Incident Energy (MeV)

69-Tm-157

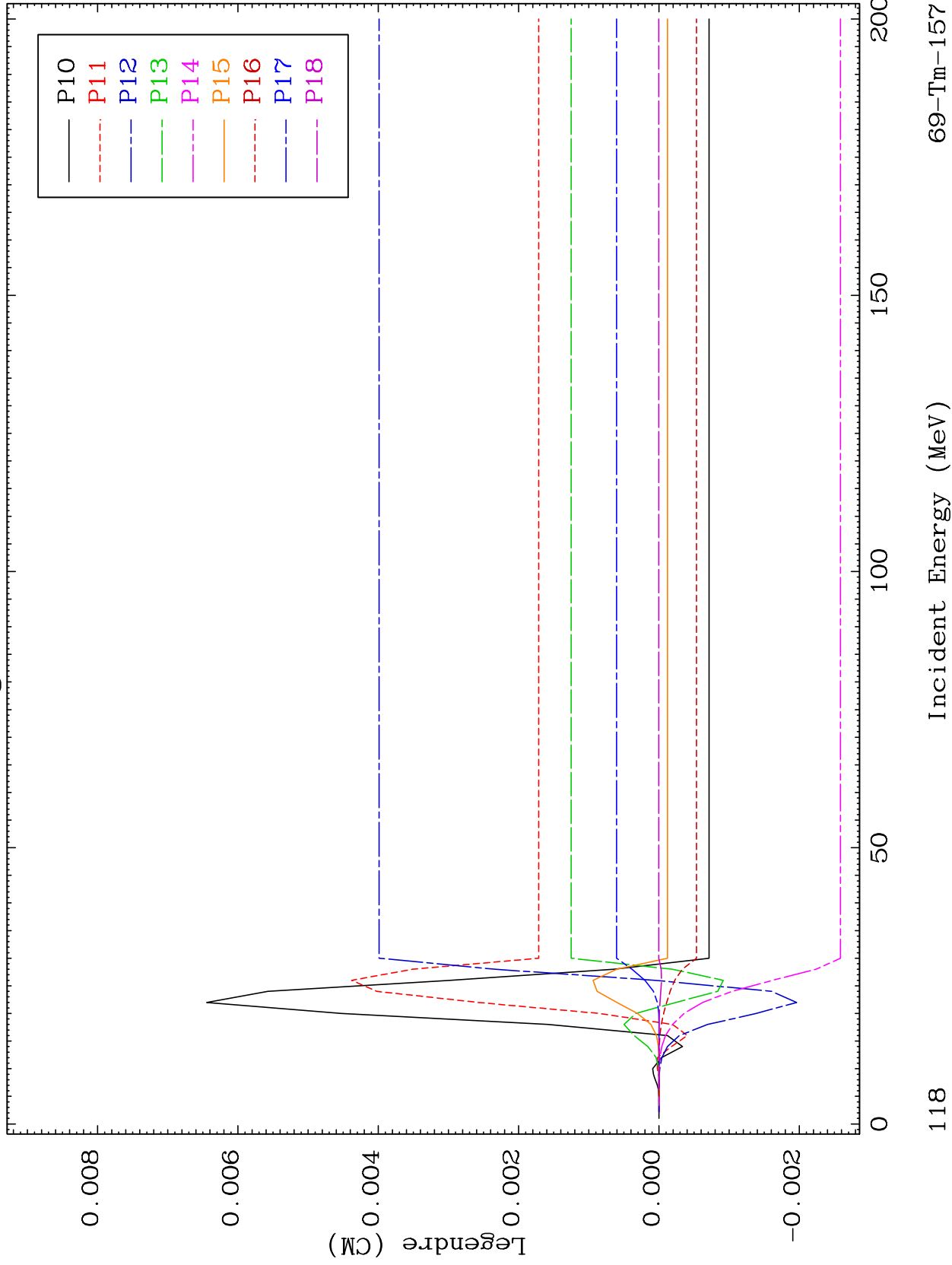




MAT 6889

886.2 keV (n,n') Level
Legendre Coefficients

69-Tm-157



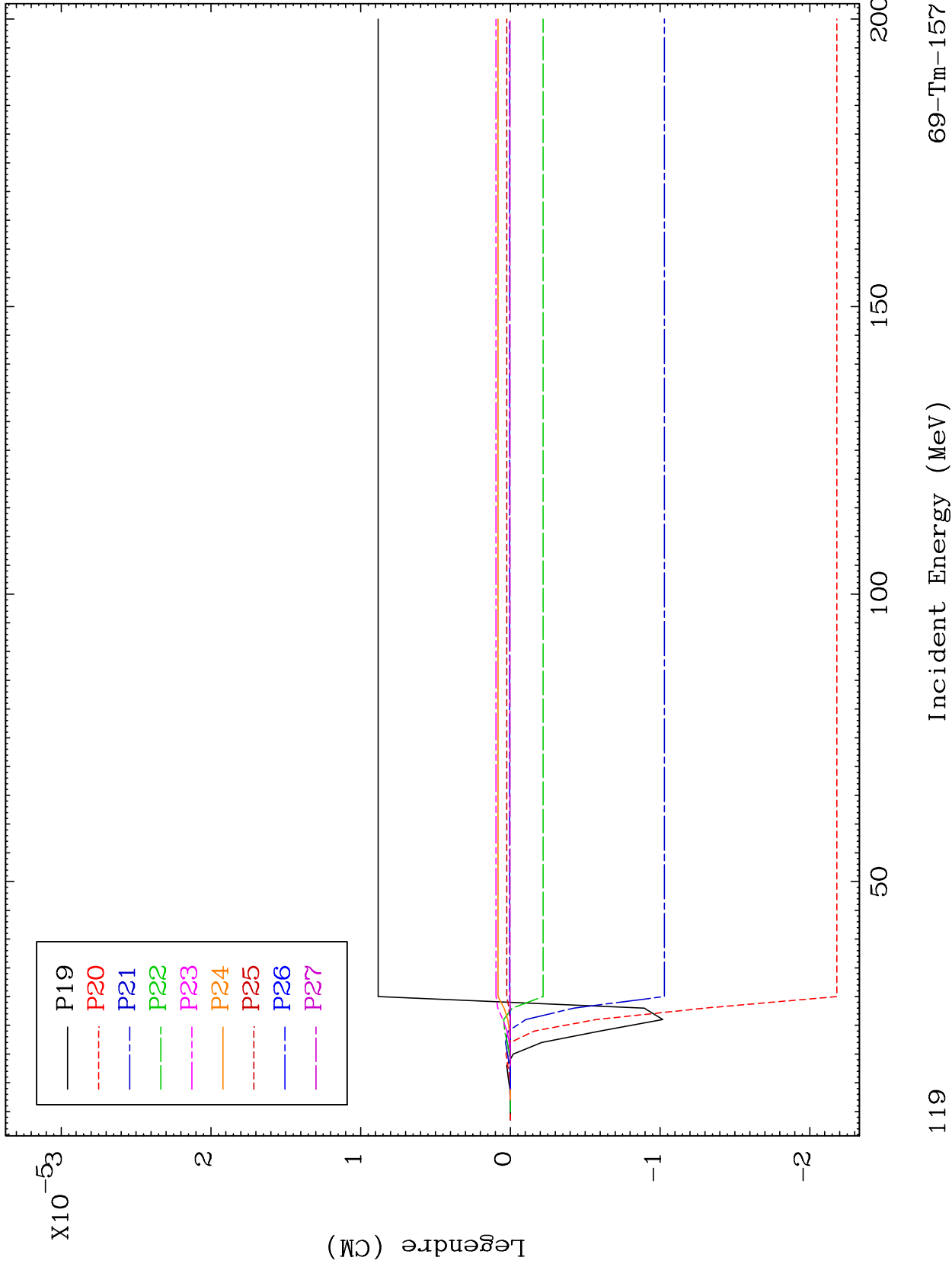
118

69-Tm-157

MAT 6889

886.2 keV (n,n') Level
Legendre Coefficients

69-Tm-157



119

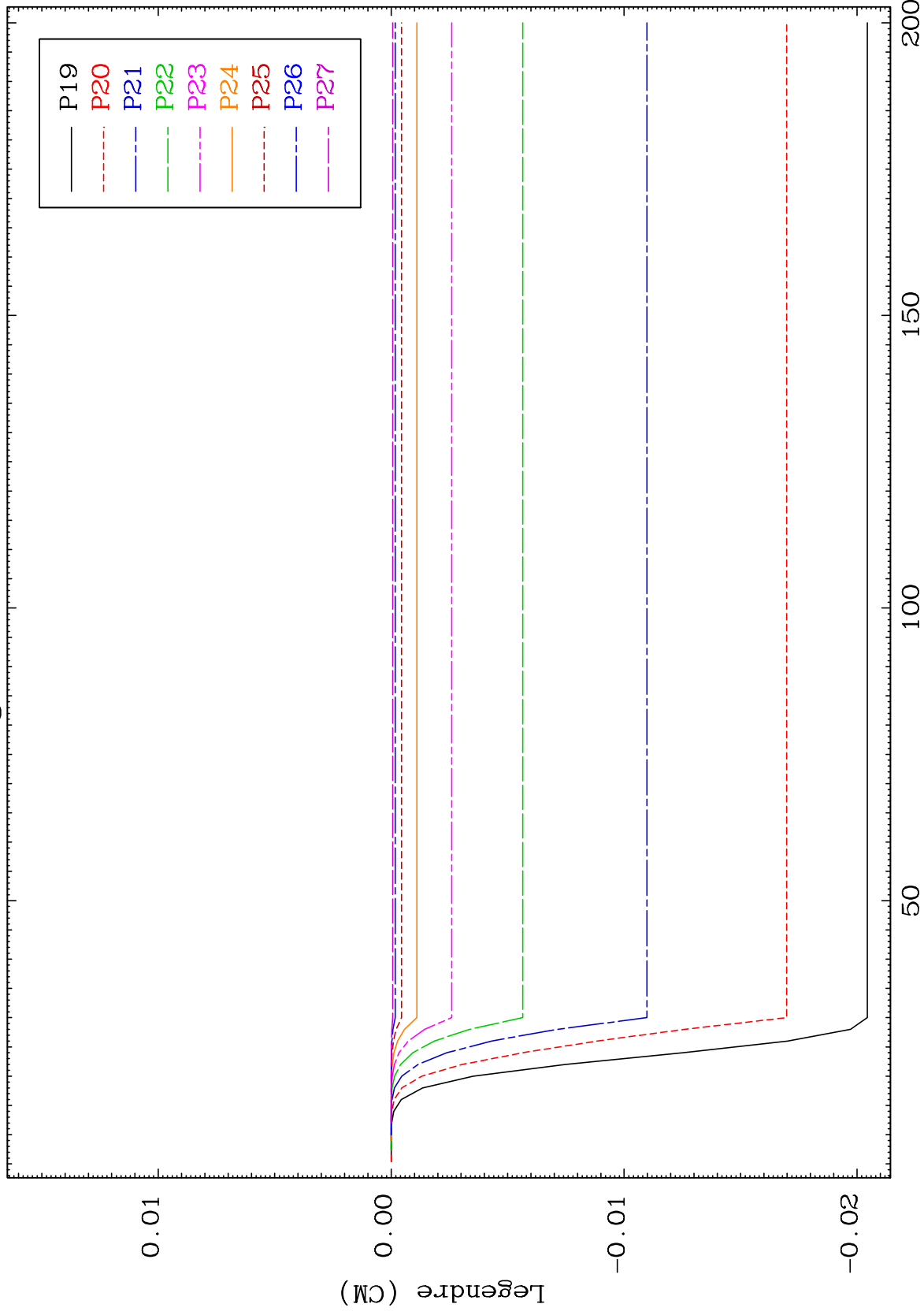
Incident Energy (MeV)

69-Tm-157

MAT 6889

891.2 keV (n,n') Level
Legendre Coefficients

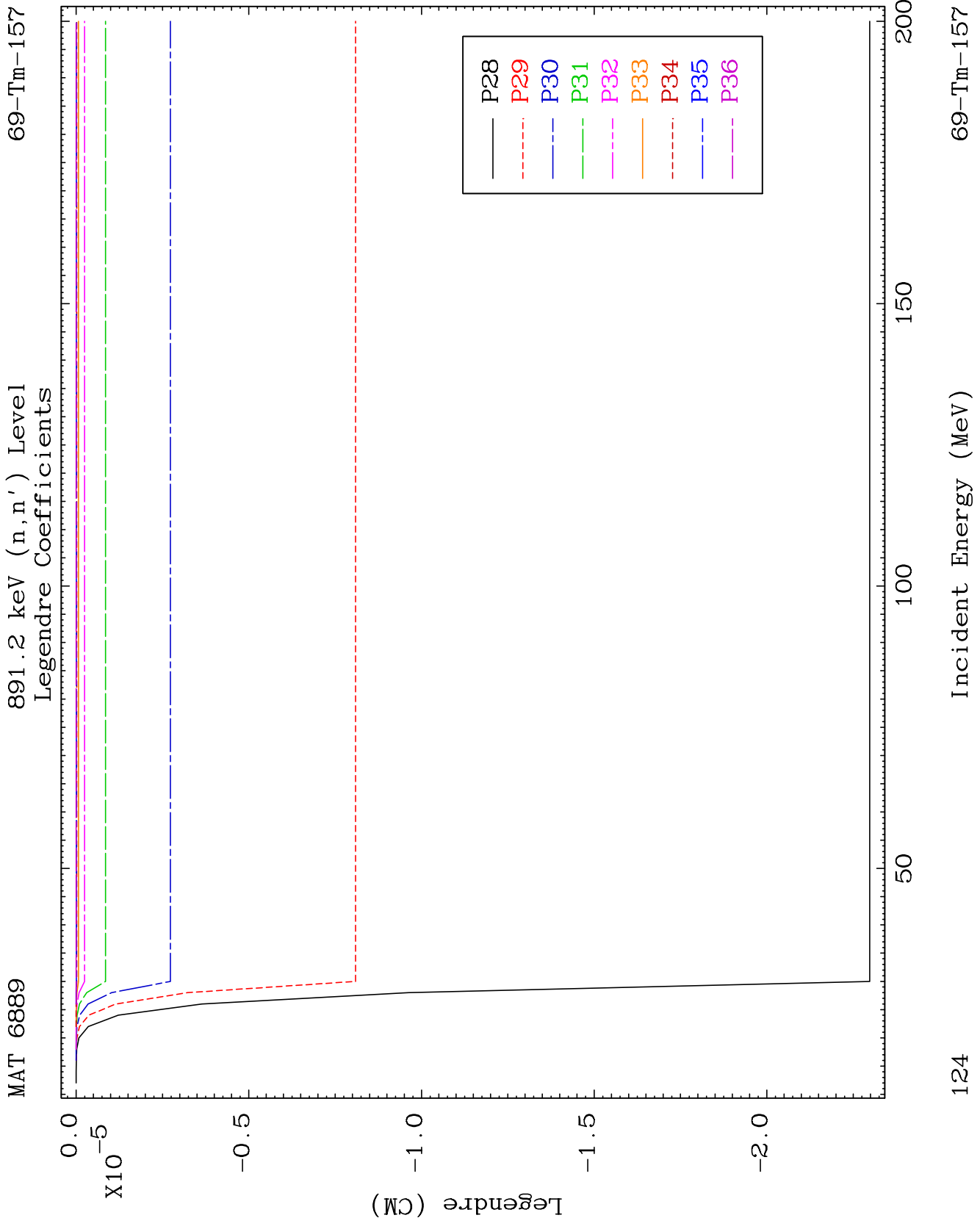
69-Tm-157

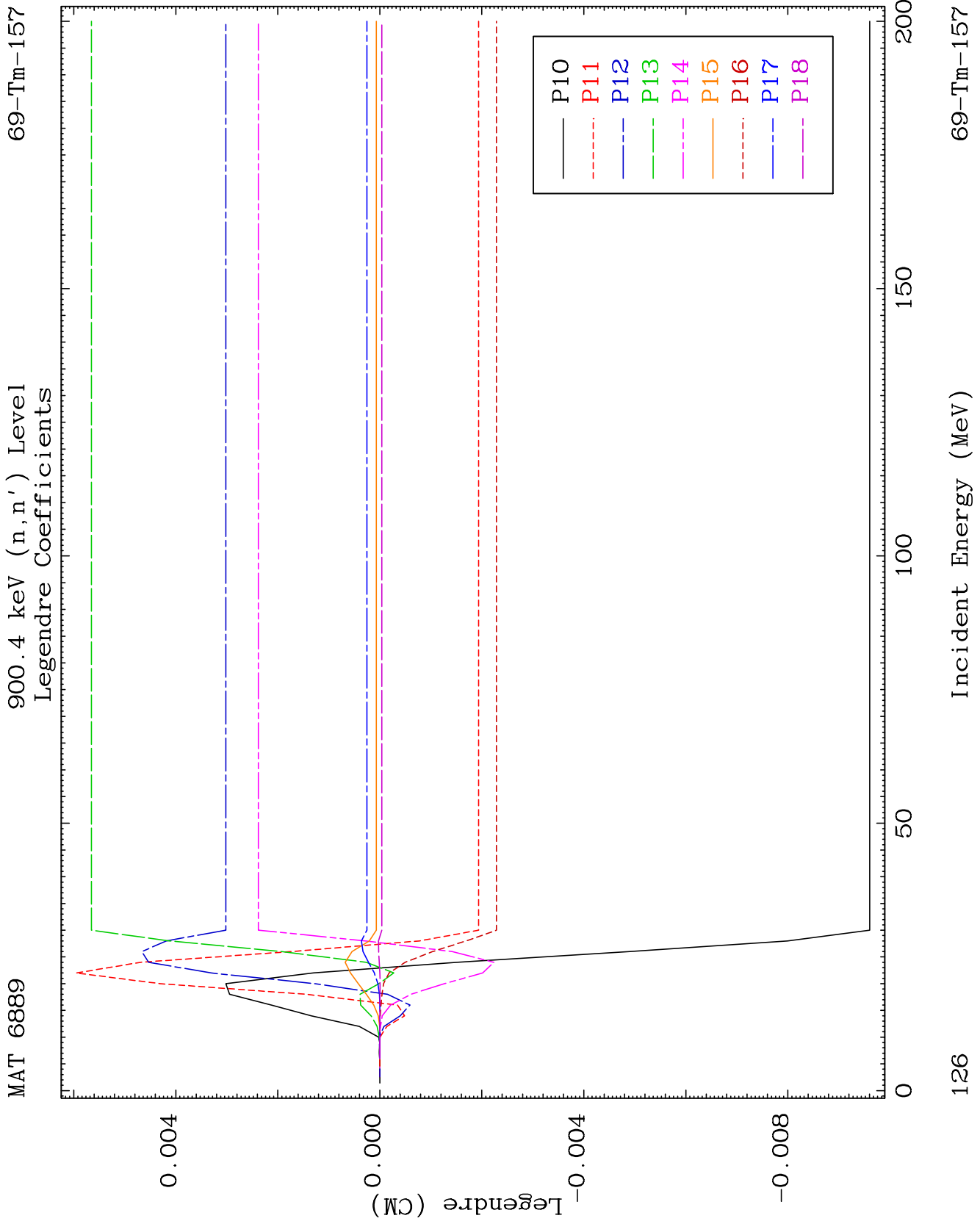


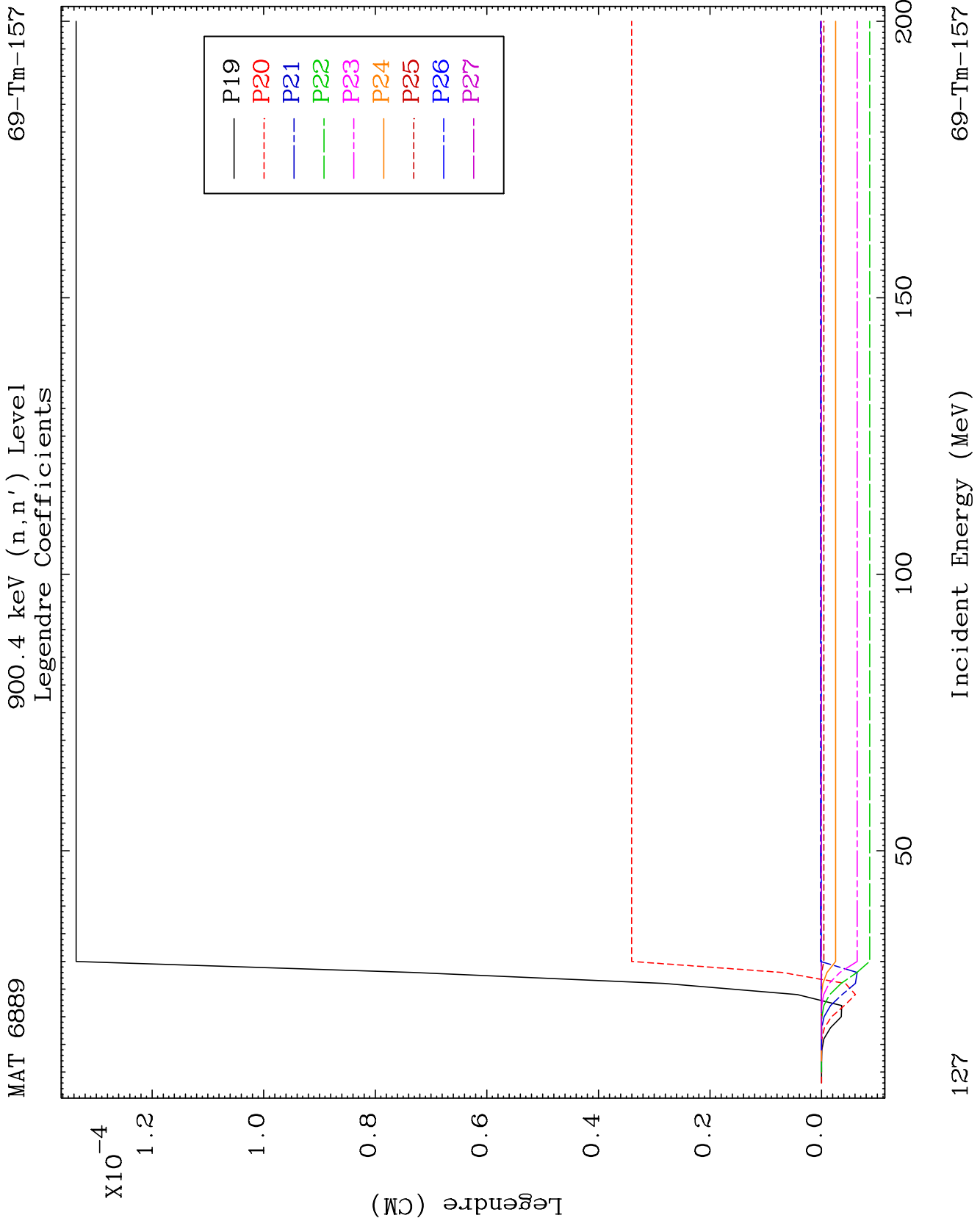
123

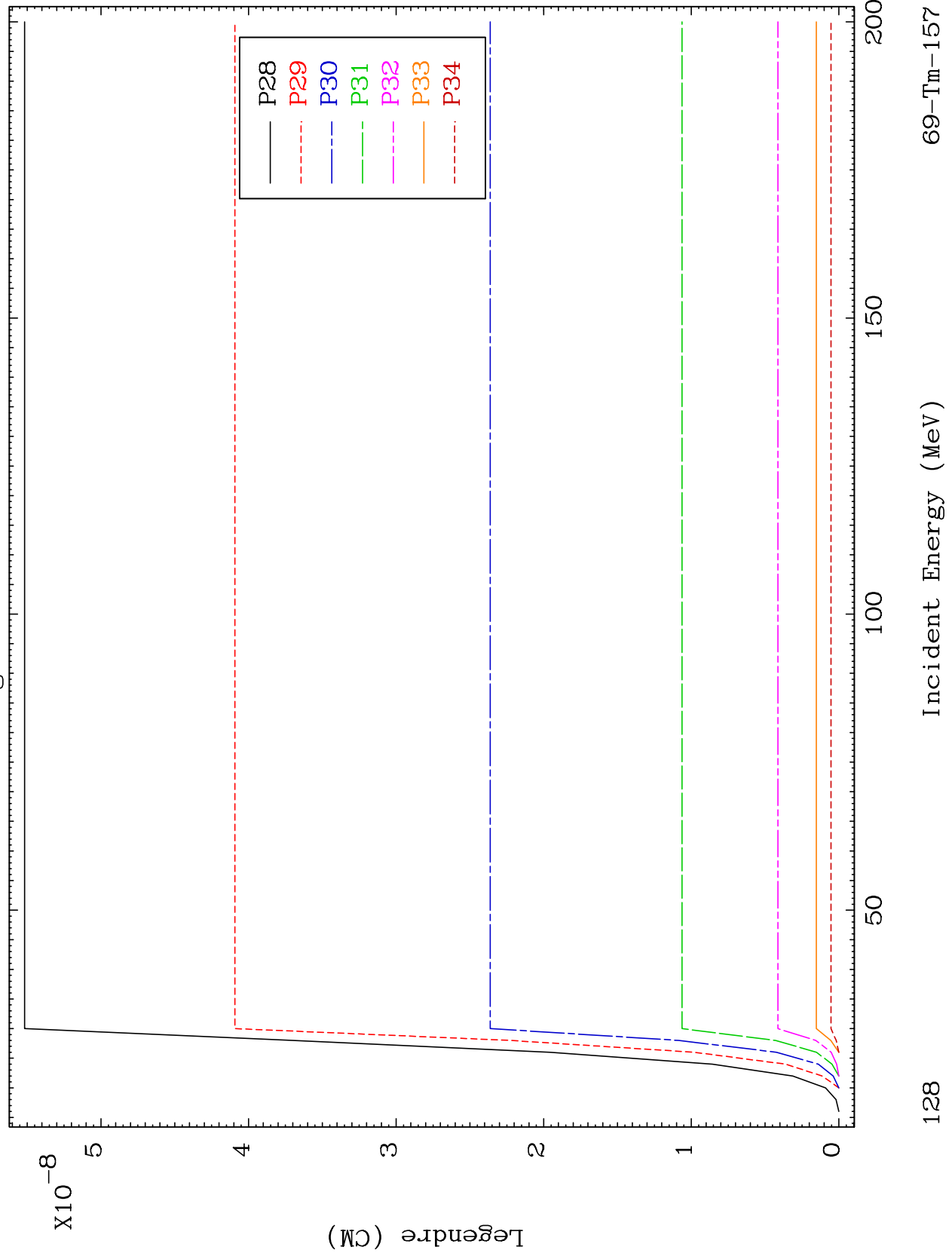
Incident Energy (MeV)

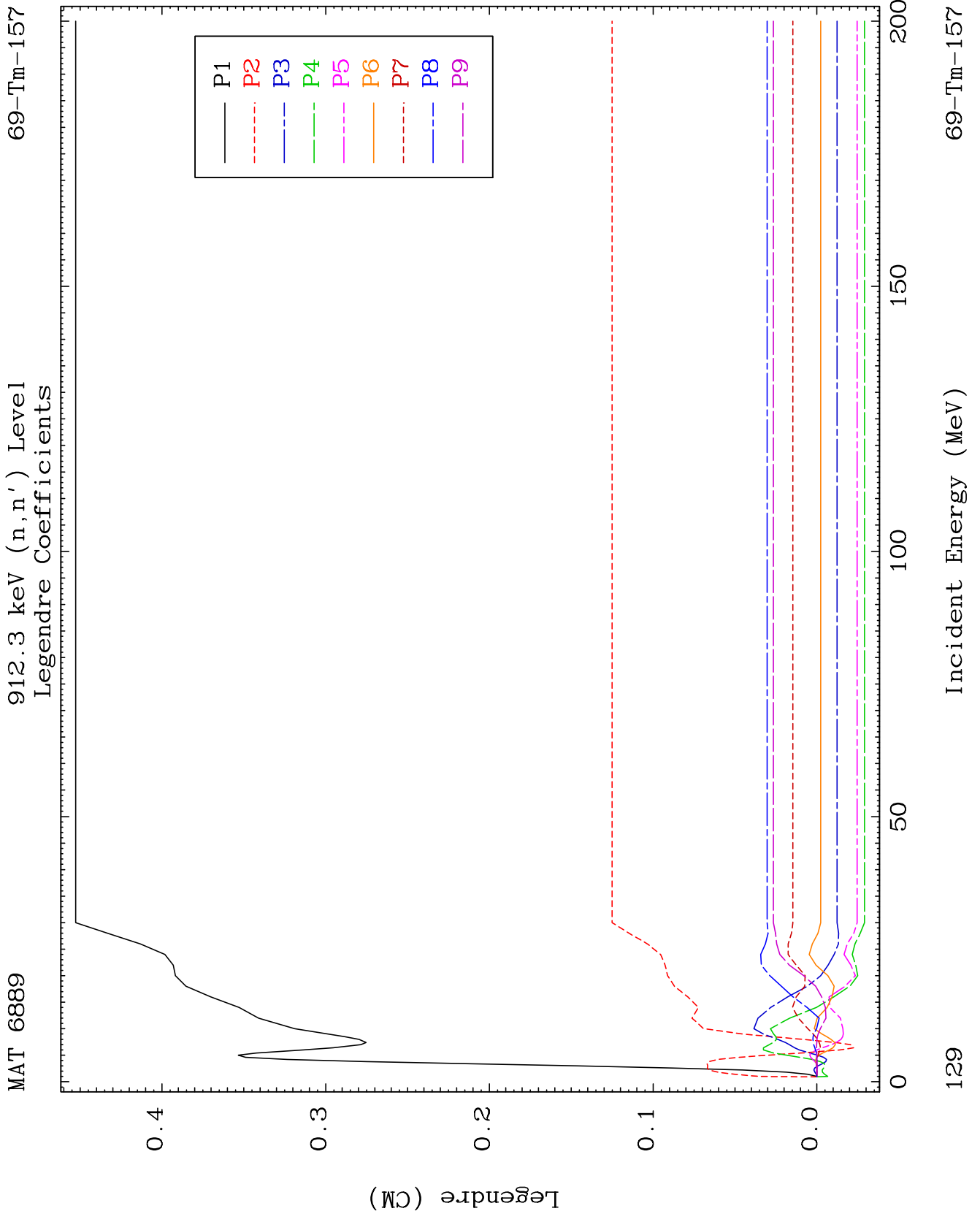
69-Tm-157

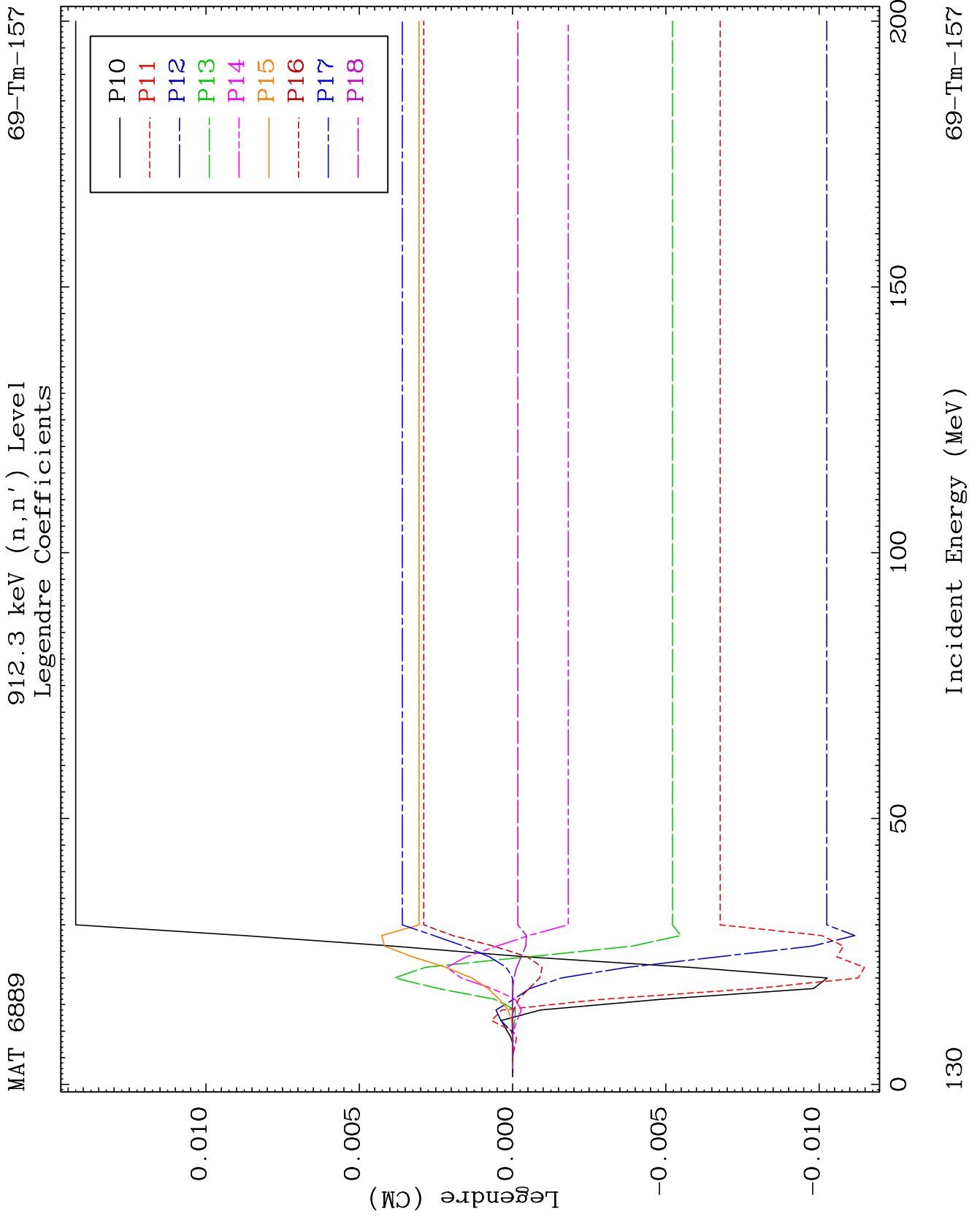


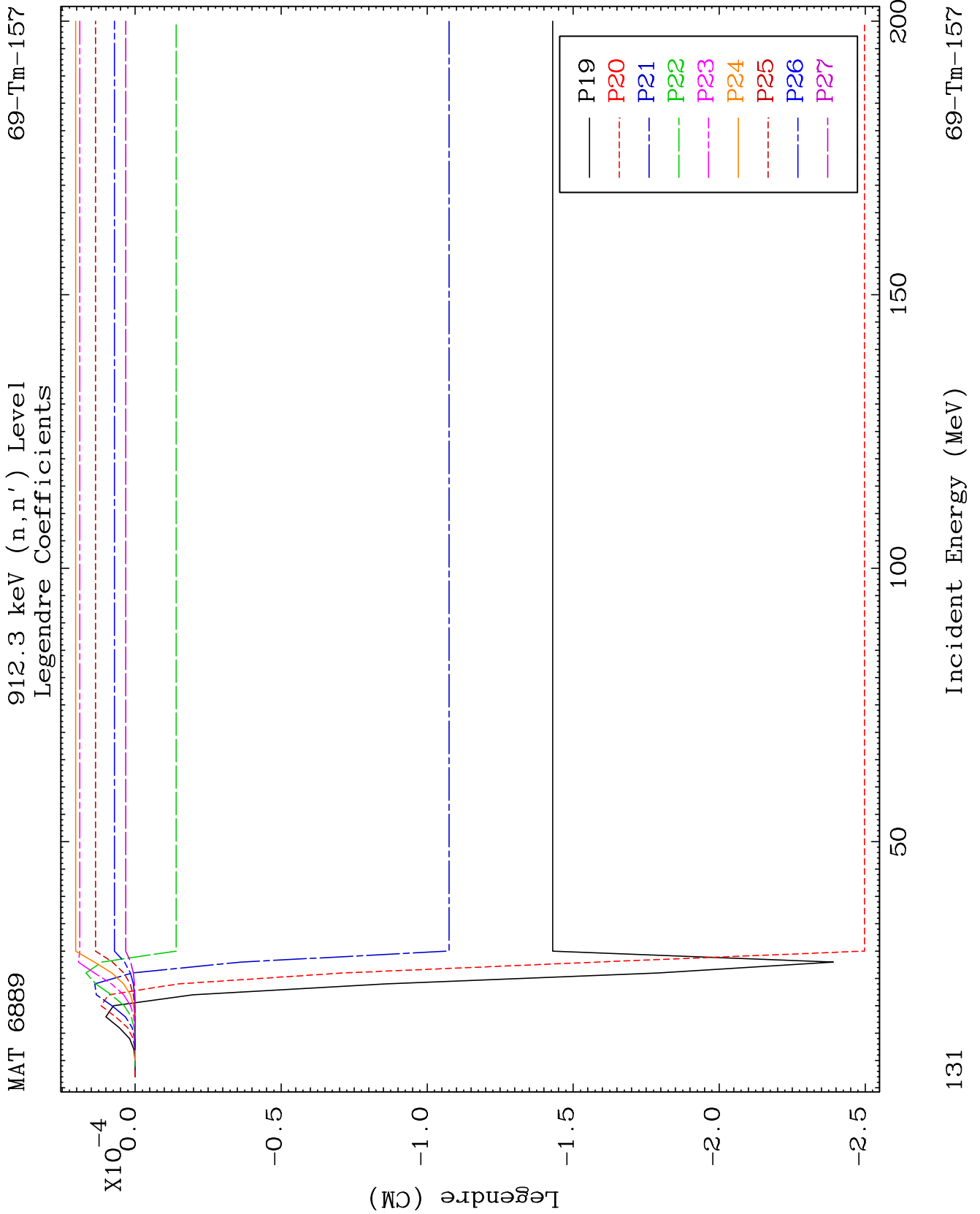


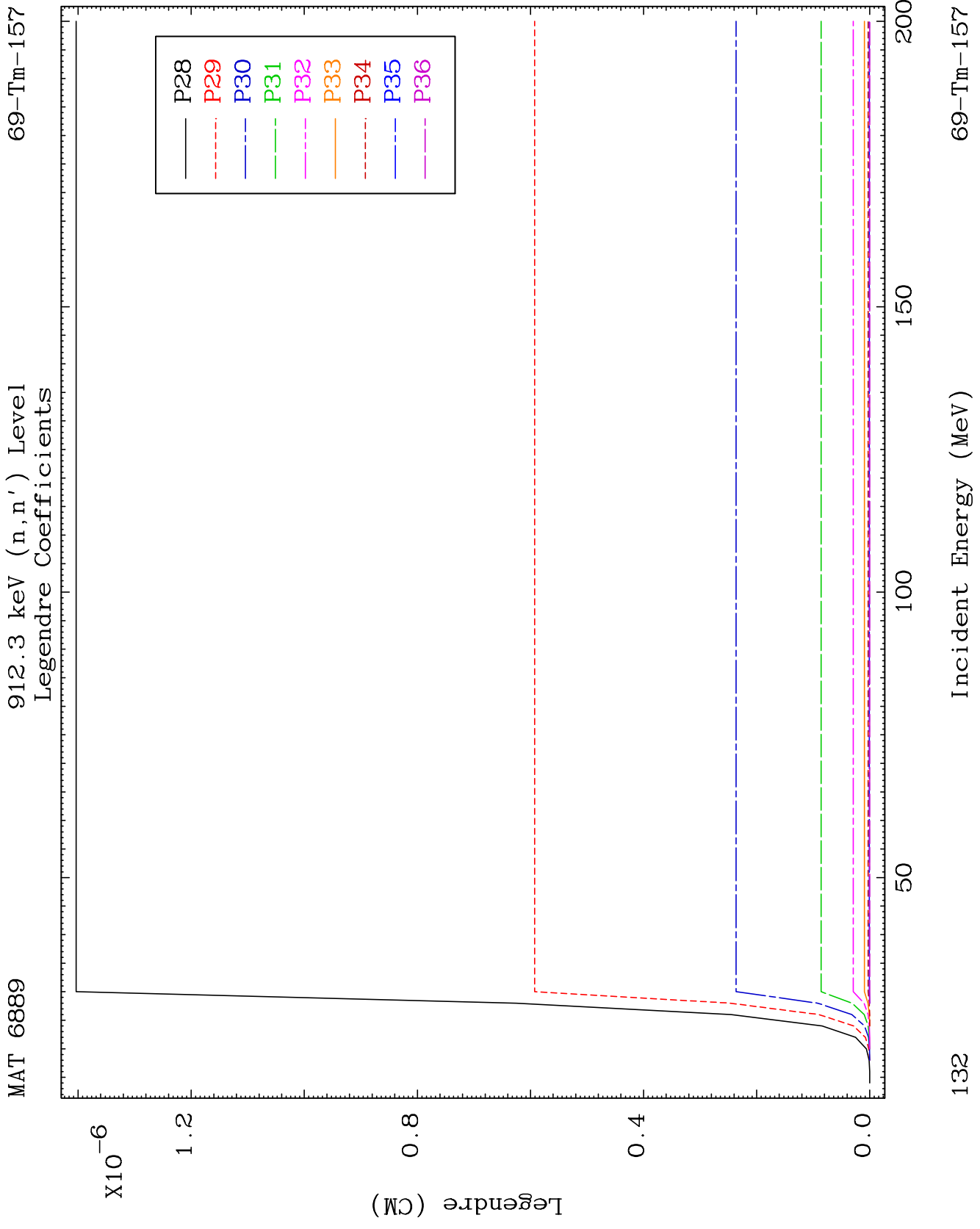


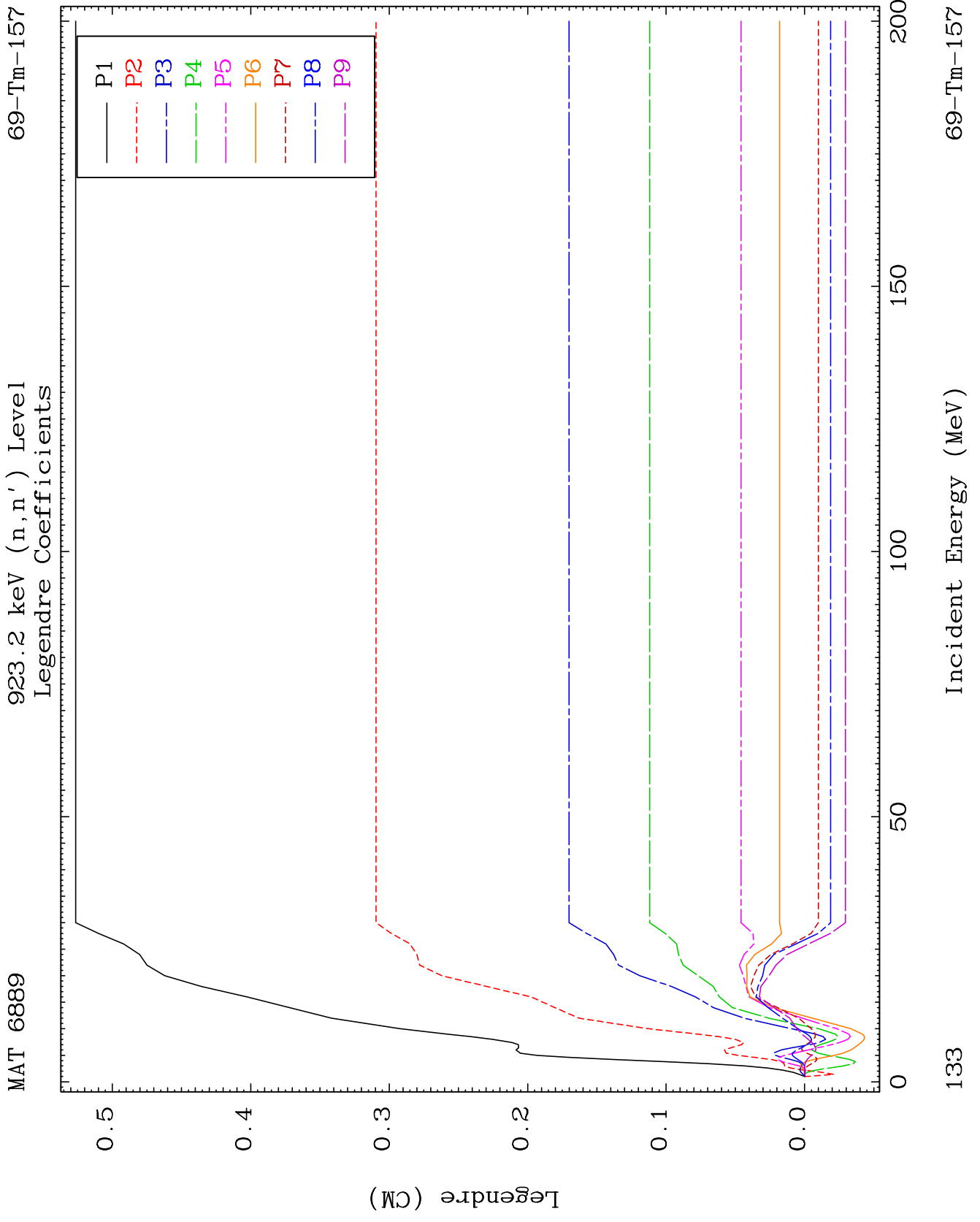








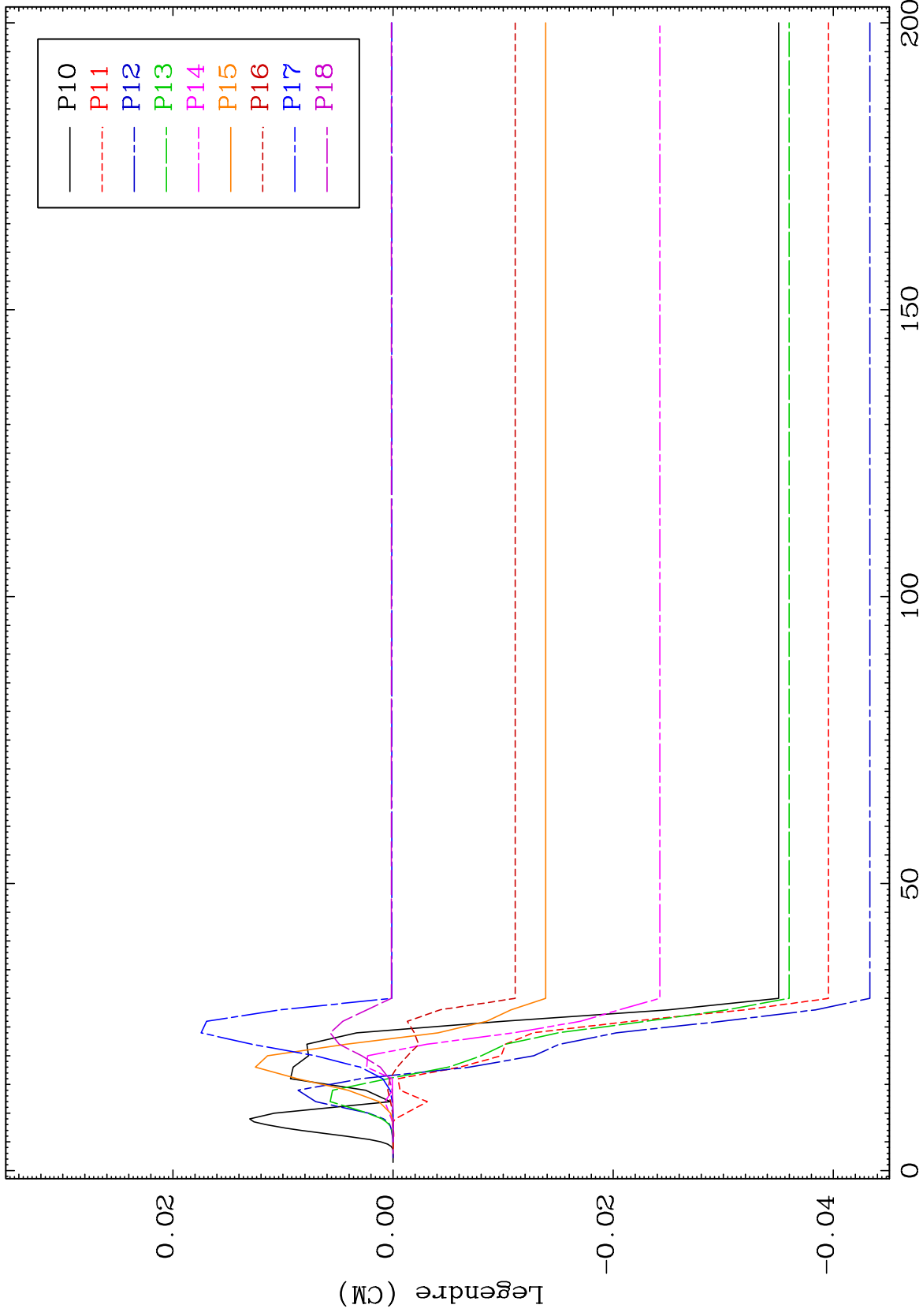




MAT 6889

923.2 keV (n,n') Level
Legendre Coefficients

69-Tm-157



134

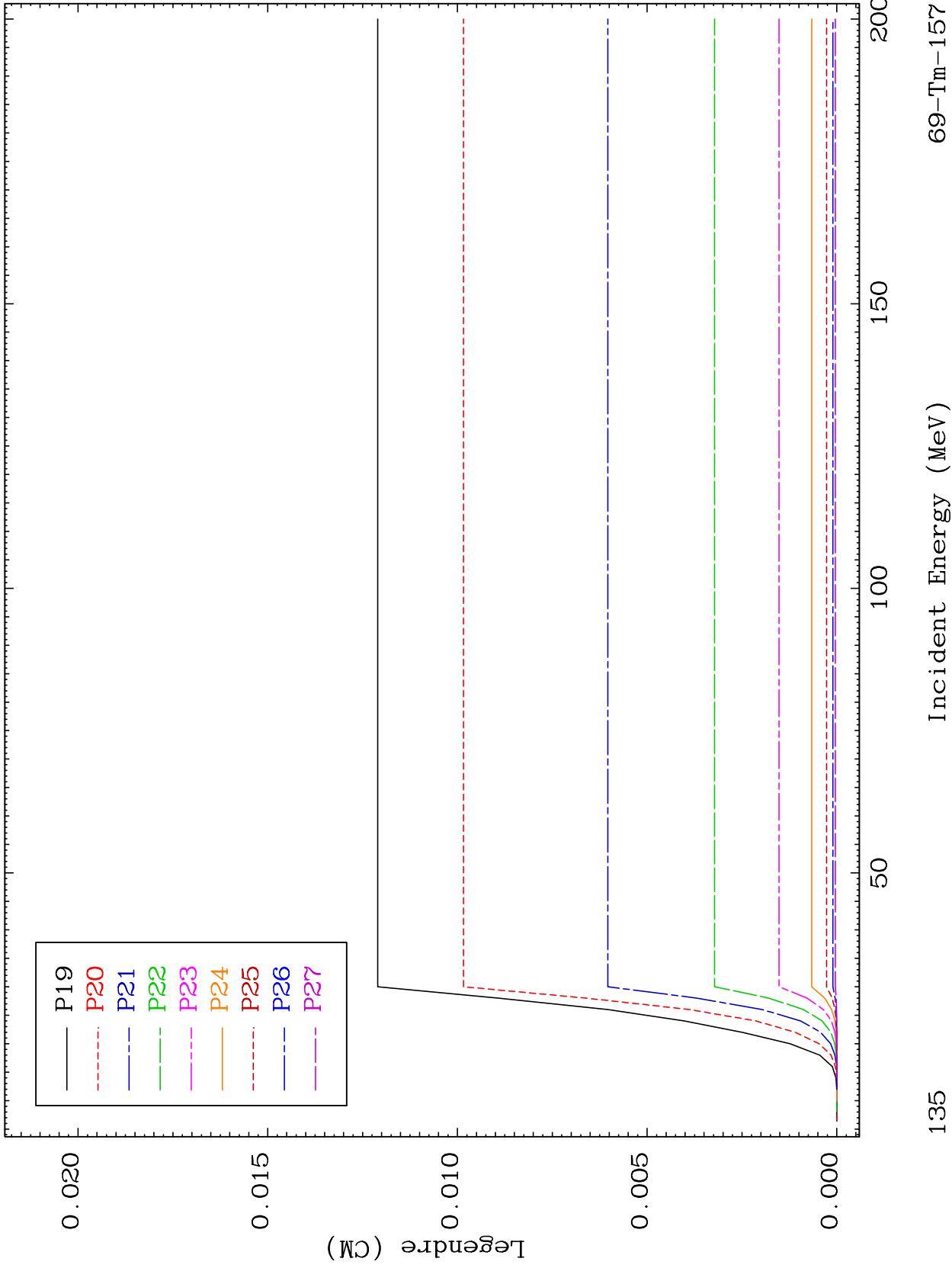
Incident Energy (MeV)

69-Tm-157

MAT 6889

923.2 keV (n,n') Level
Legendre Coefficients

69-Tm-157



135

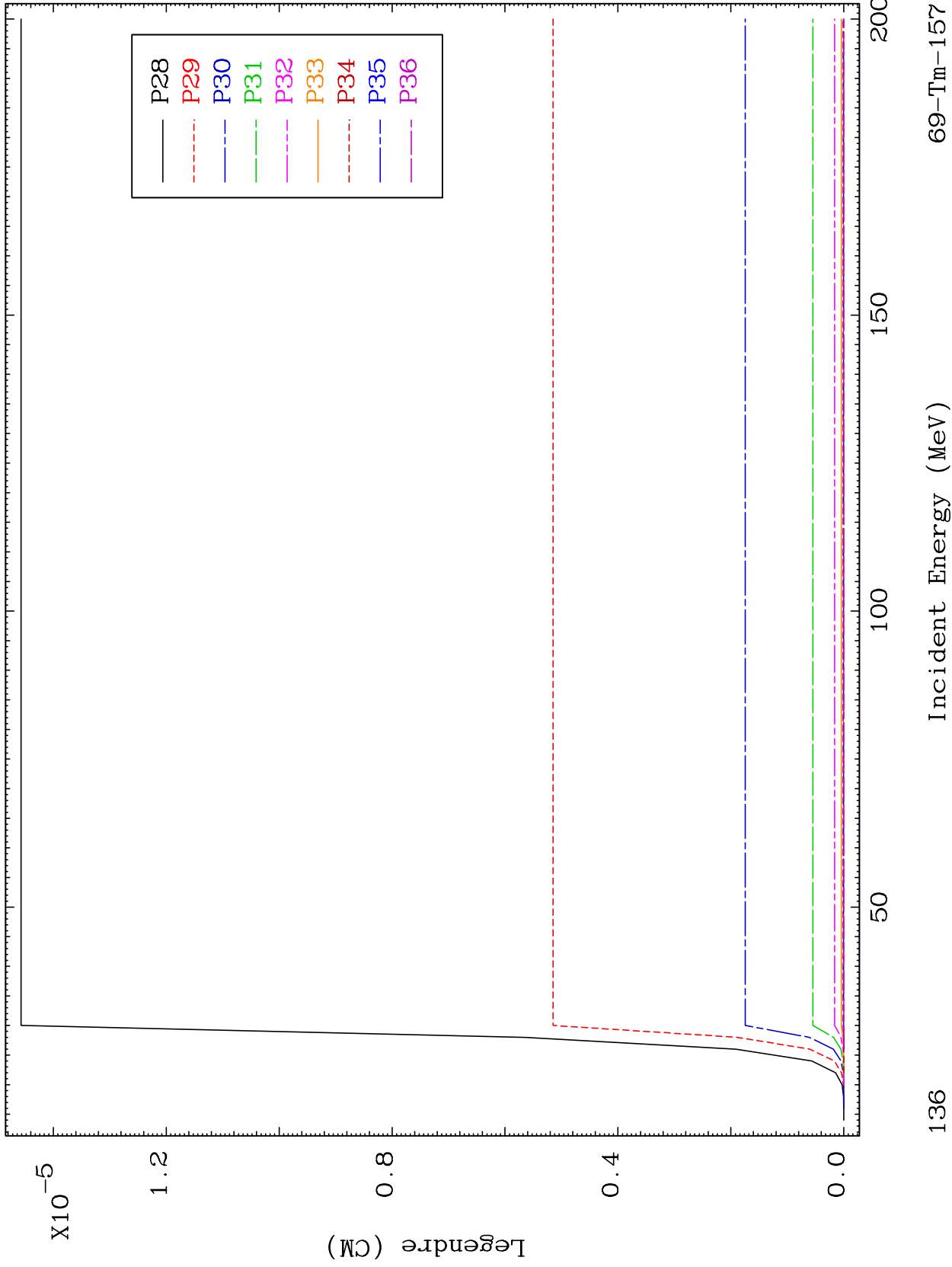
Incident Energy (MeV)

69-Tm-157

MAT 6889

923.2 keV (n,n') Level
Legendre Coefficients

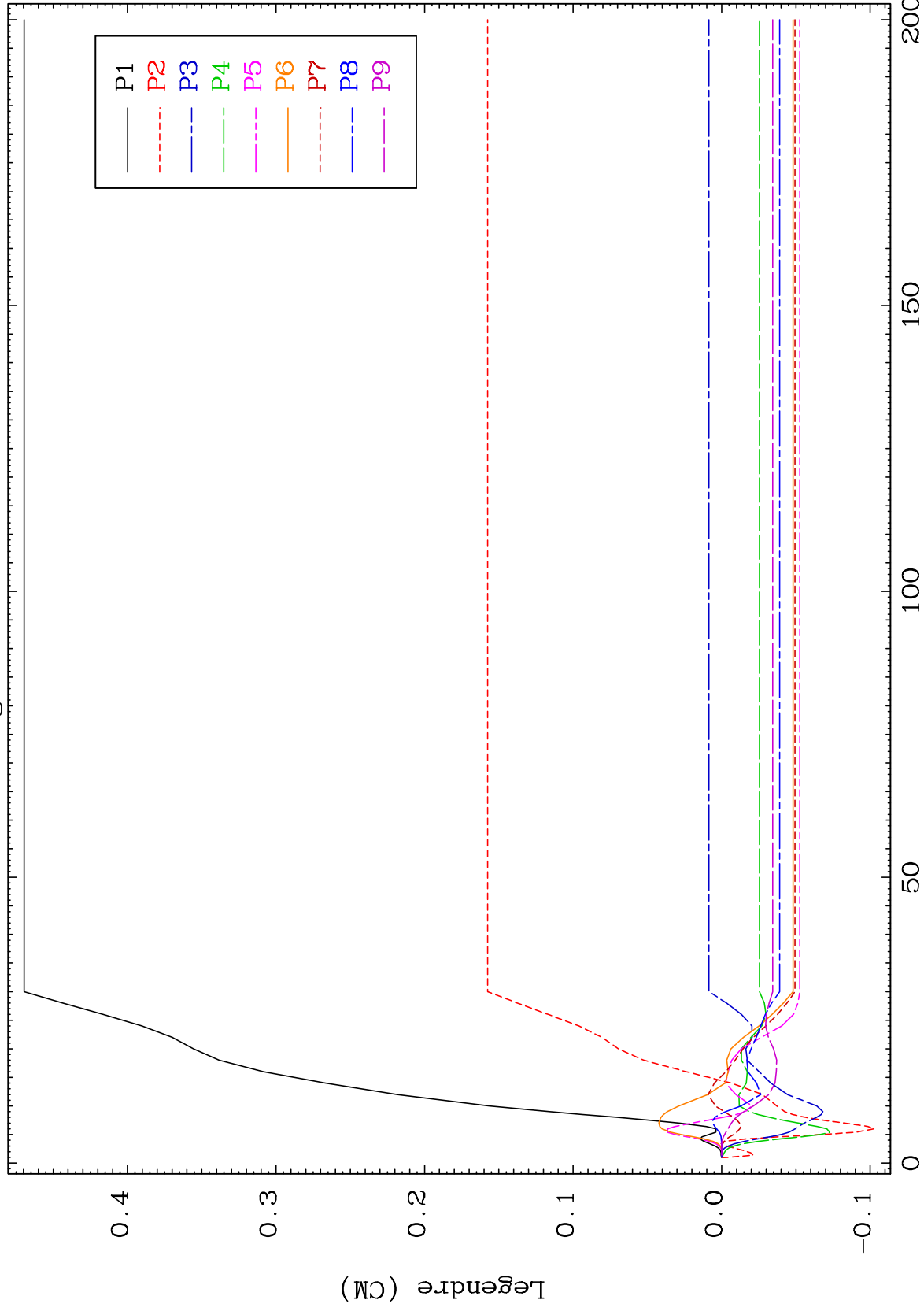
69-Tm-157



MAT 6889

943.3 keV (n,n') Level
Legendre Coefficients

69-Tm-157



137

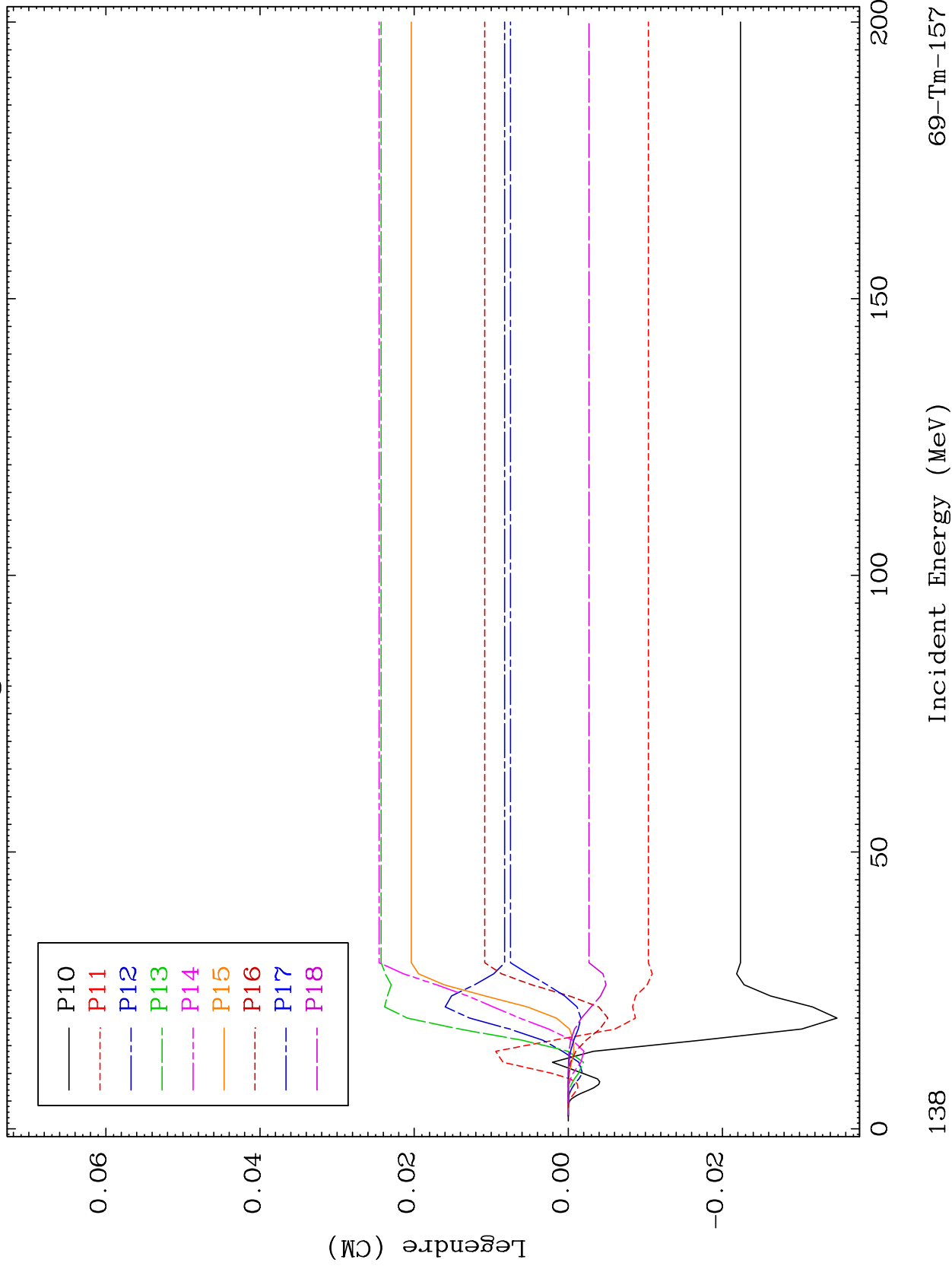
Incident Energy (MeV)

69-Tm-157

MAT 6889

943.3 keV (n,n') Level
Legendre Coefficients

69-Tm-157



138

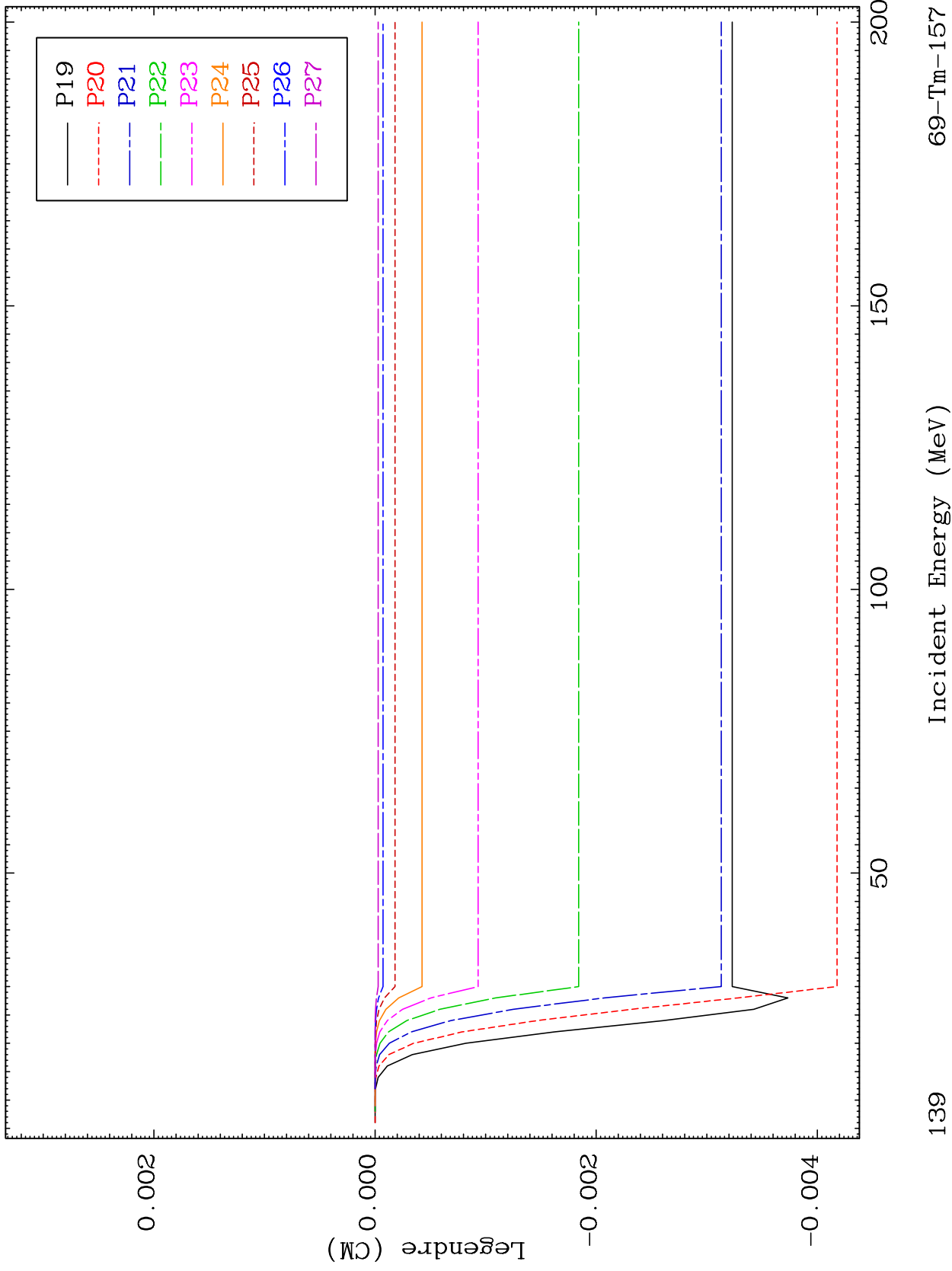
Incident Energy (MeV)

69-Tm-157

MAT 6889

943.3 keV (n,n') Level
Legendre Coefficients

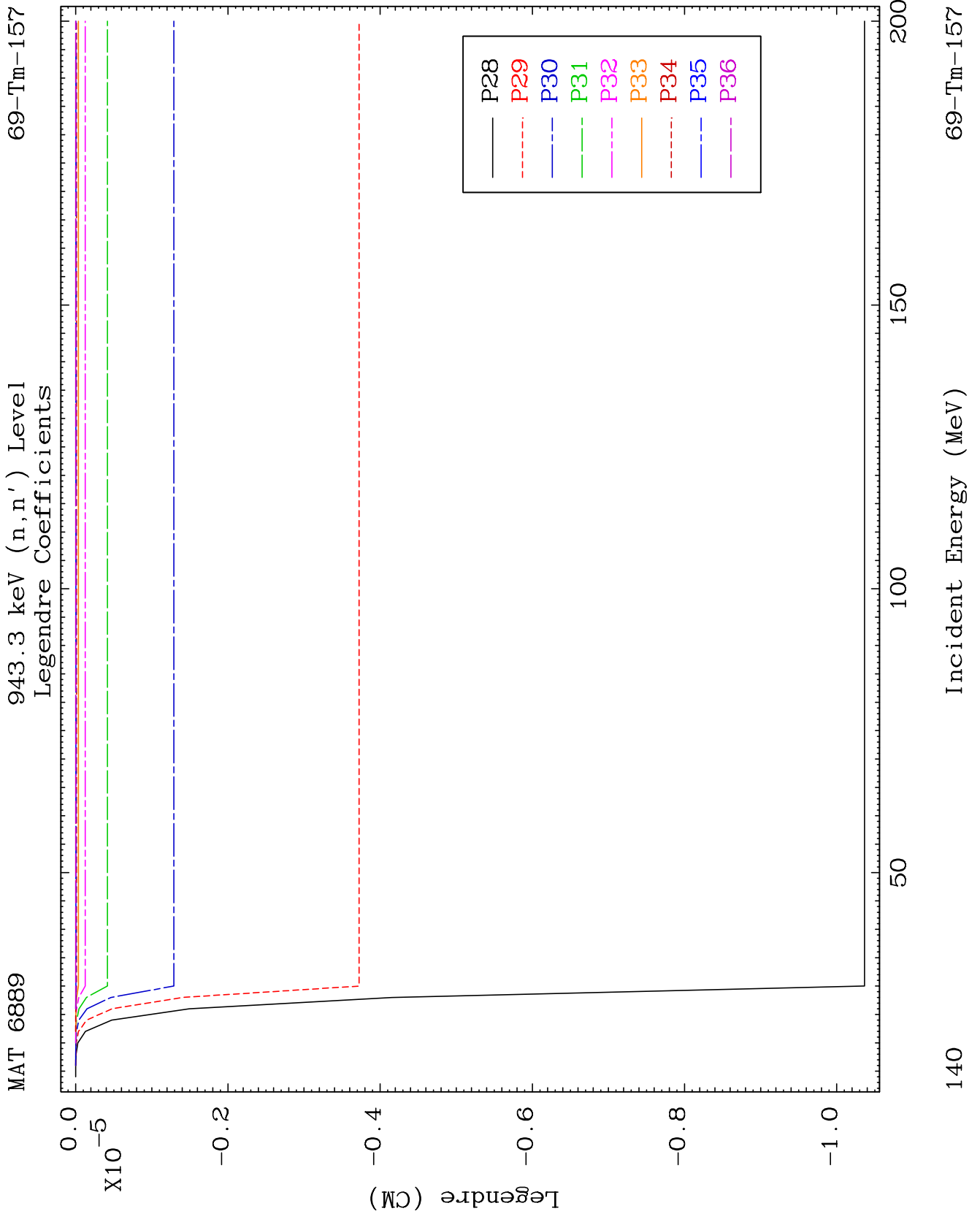
69-Tm-157



139

Incident Energy (MeV)

69-Tm-157

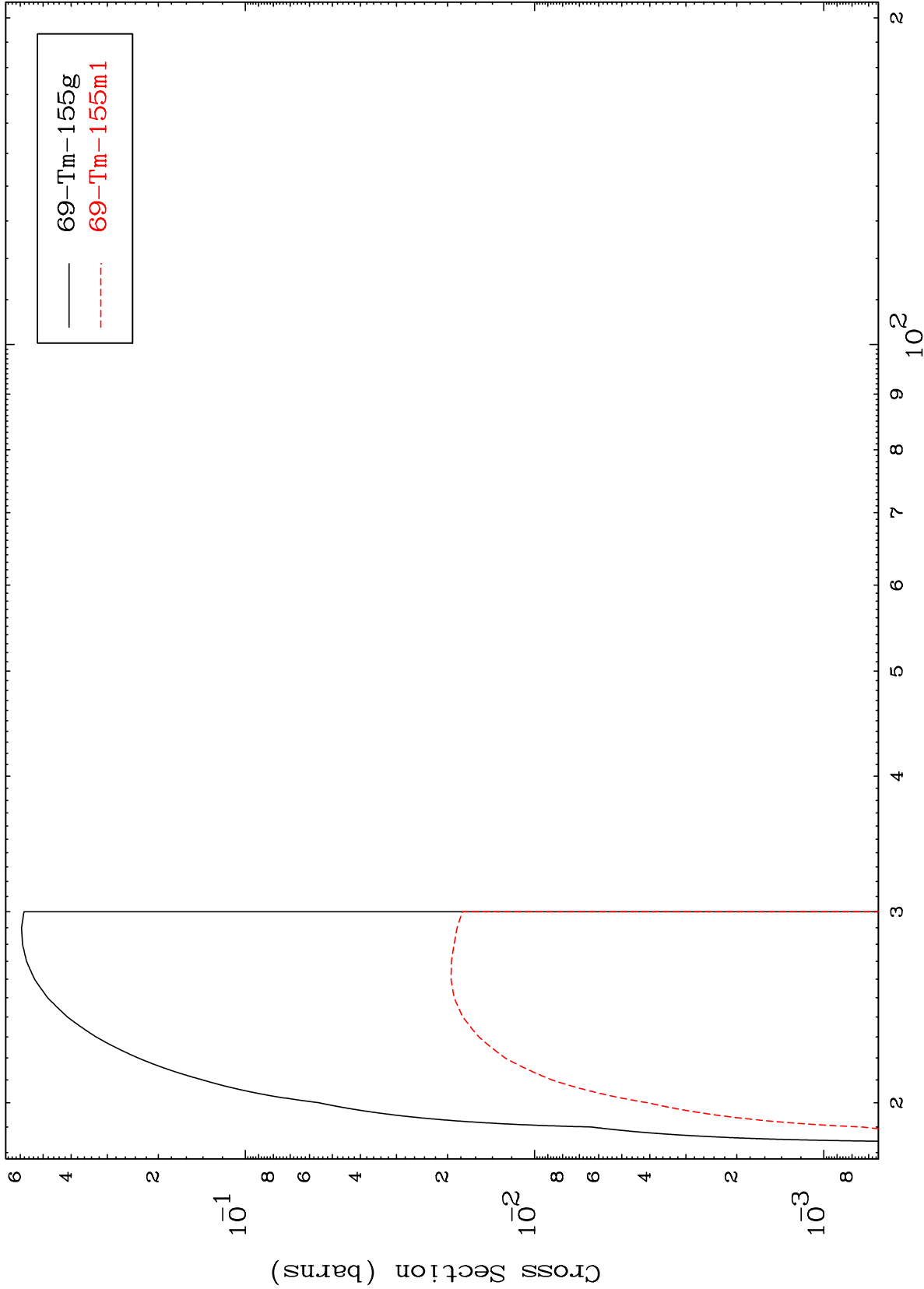


MAT 6889

(n,3n)

69-Tm-157

Radionuclide Production Cross Section



141

Incident Energy (MeV)

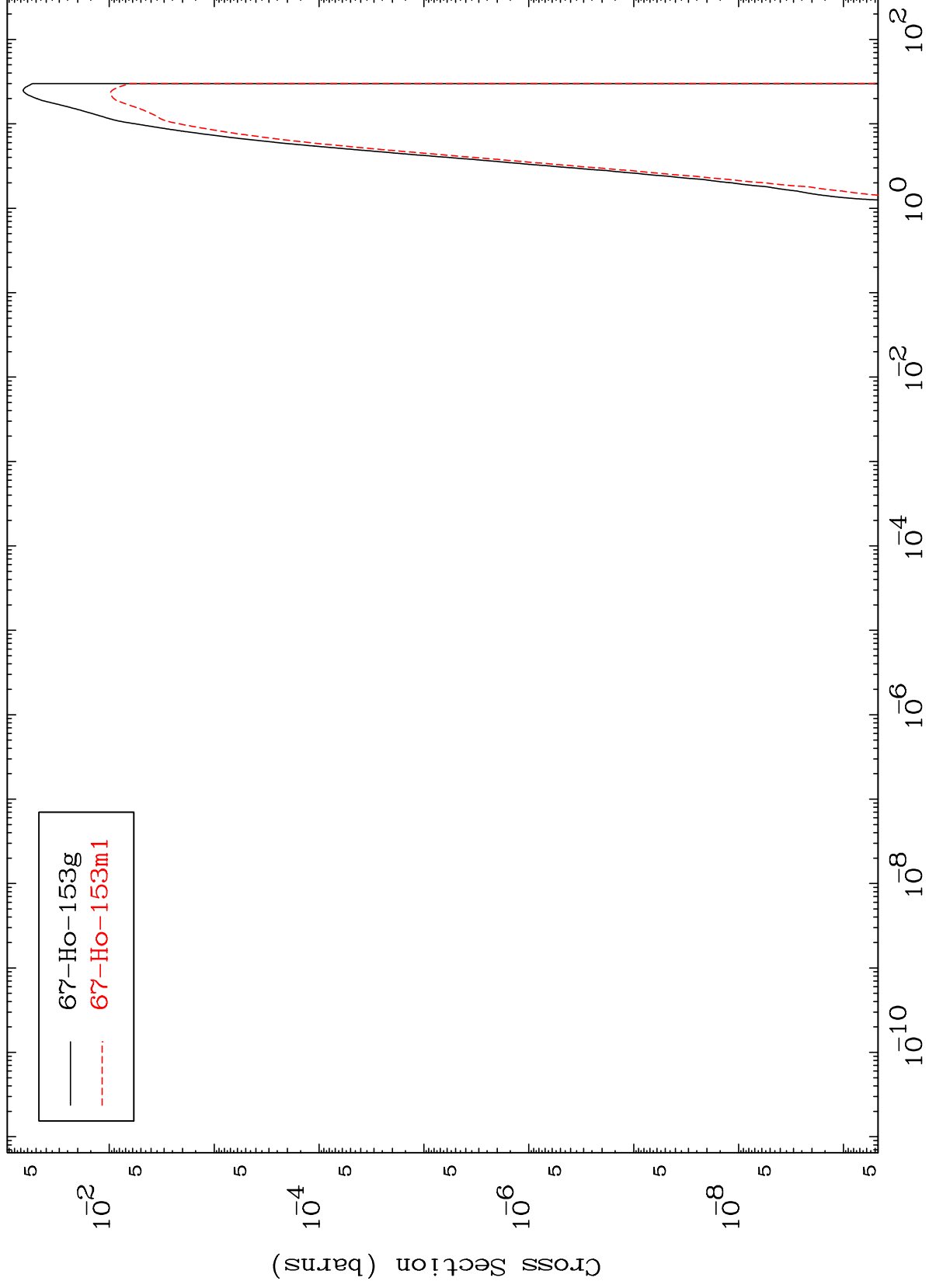
69-Tm-157

MAT 6889

(n, n') α

$^{69}\text{Tm-157}$

Radionuclide Production Cross Section



142

Incident Energy (MeV)

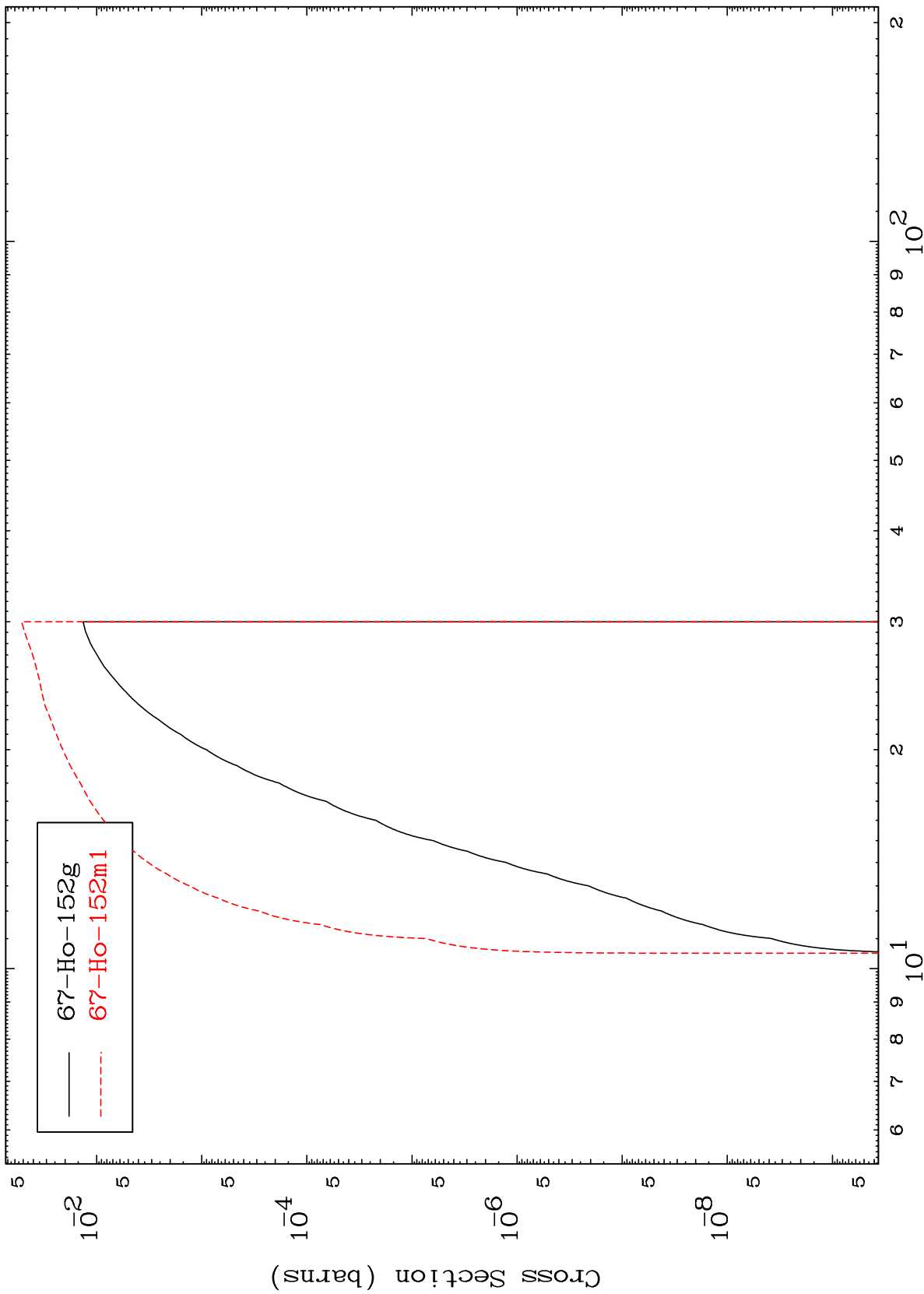
$^{69}\text{Tm-157}$

MAT 6889

$(n,2n) \alpha$

69-Tm-157

Radionuclide Production Cross Section



143

Incident Energy (MeV)

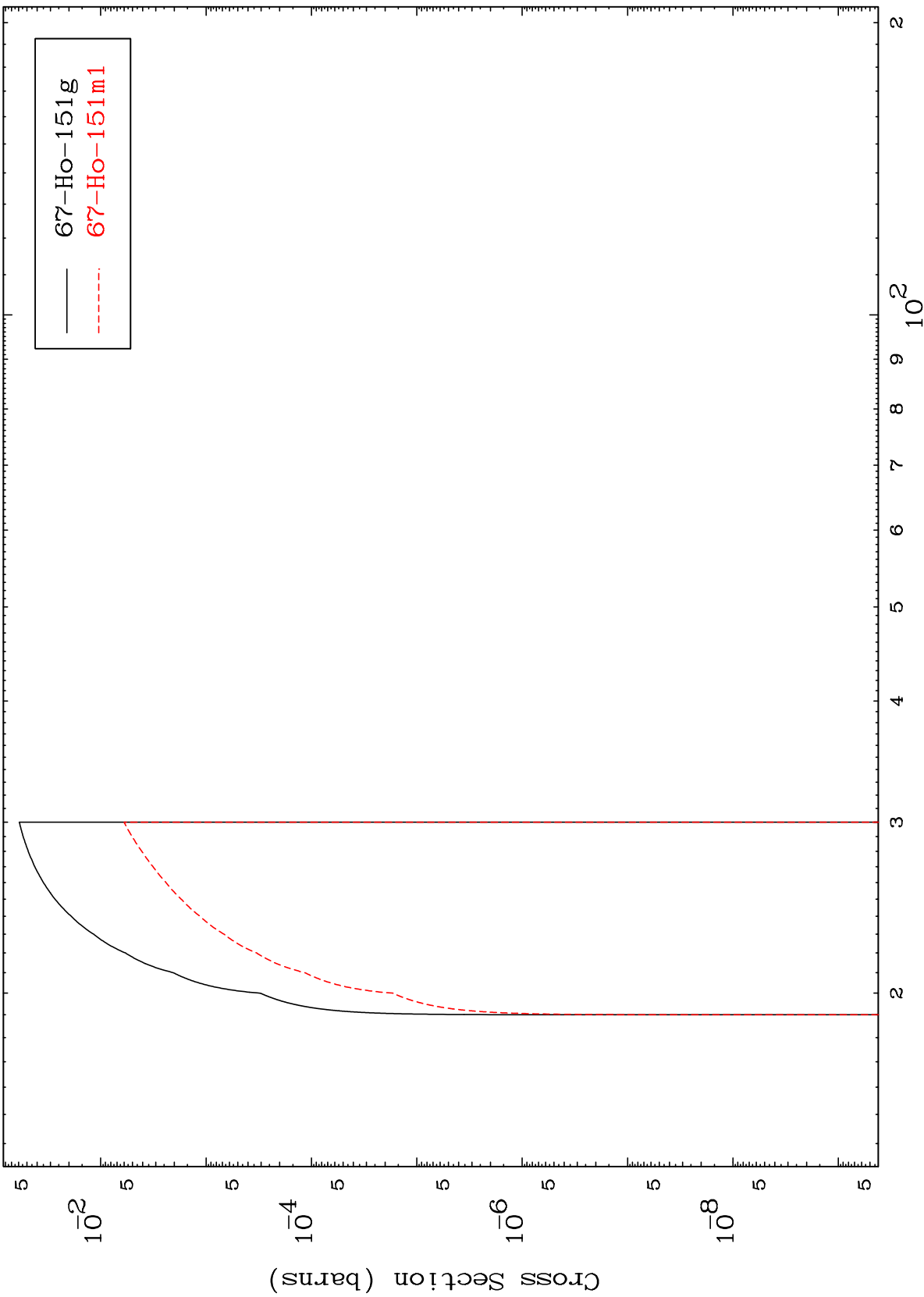
69-Tm-157

MAT 6889

$(n,3n) \alpha$

69-Tm-157

Radionuclide Production Cross Section



67-Ho-151g
67-Ho-151m1

144

Incident Energy (MeV)

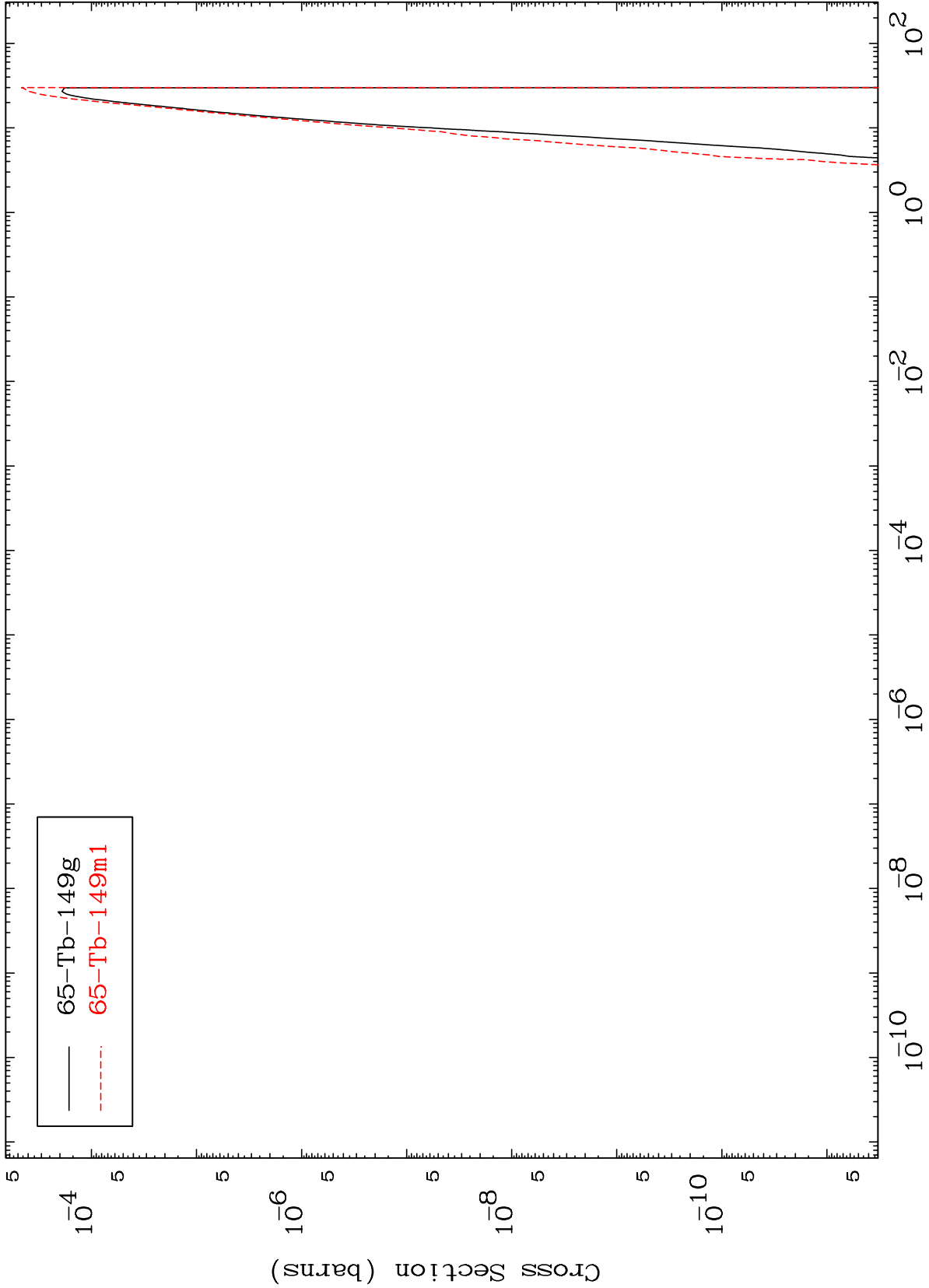
69-Tm-157

MAT 6889

(n,n') 2α

69-Tm-157

Radionuclide Production Cross Section



145

Incident Energy (MeV)

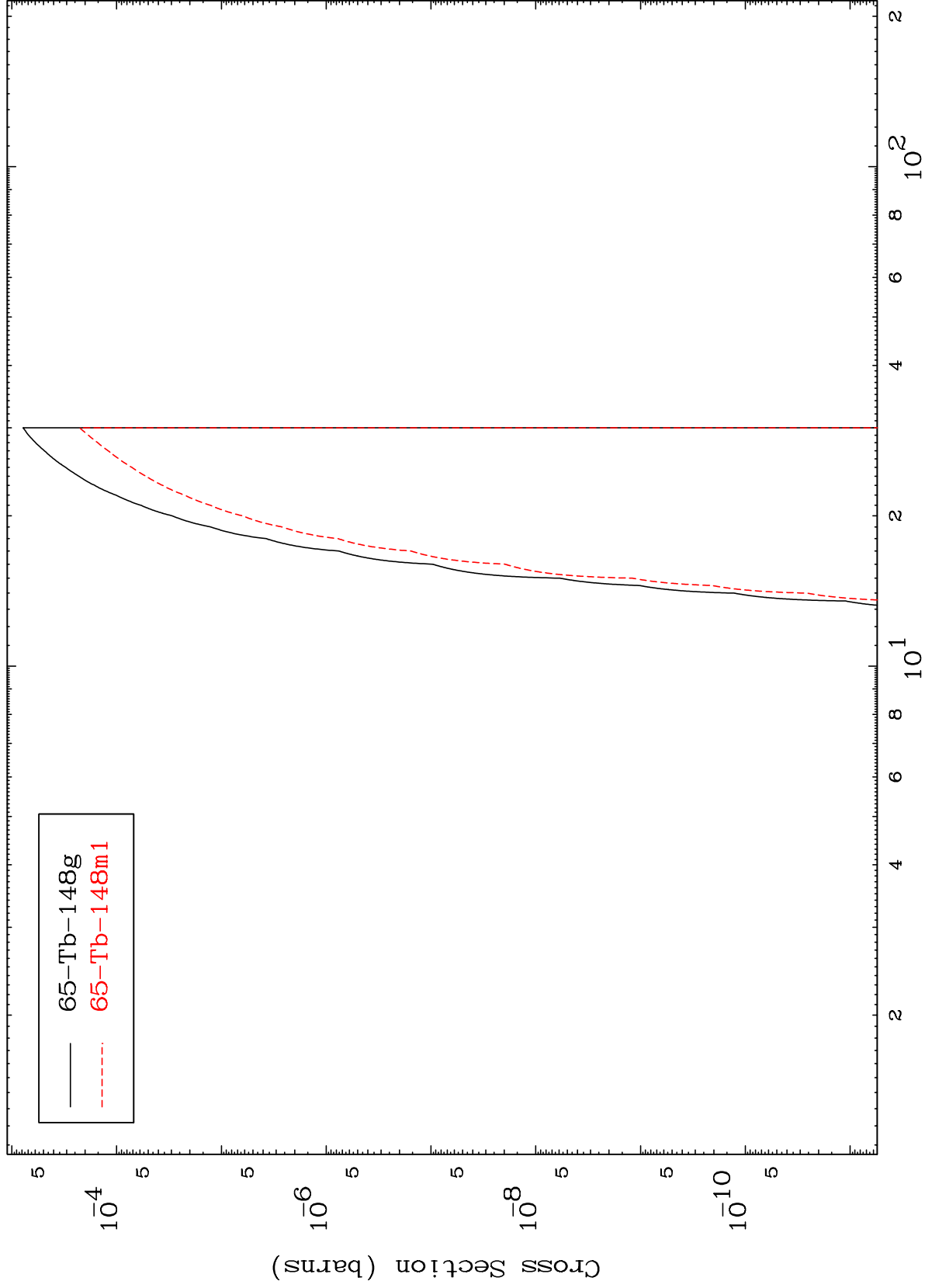
69-Tm-157

MAT 6889

(n,2n) 2α

69-Tm-157

Radionuclide Production Cross Section



146

Incident Energy (MeV)

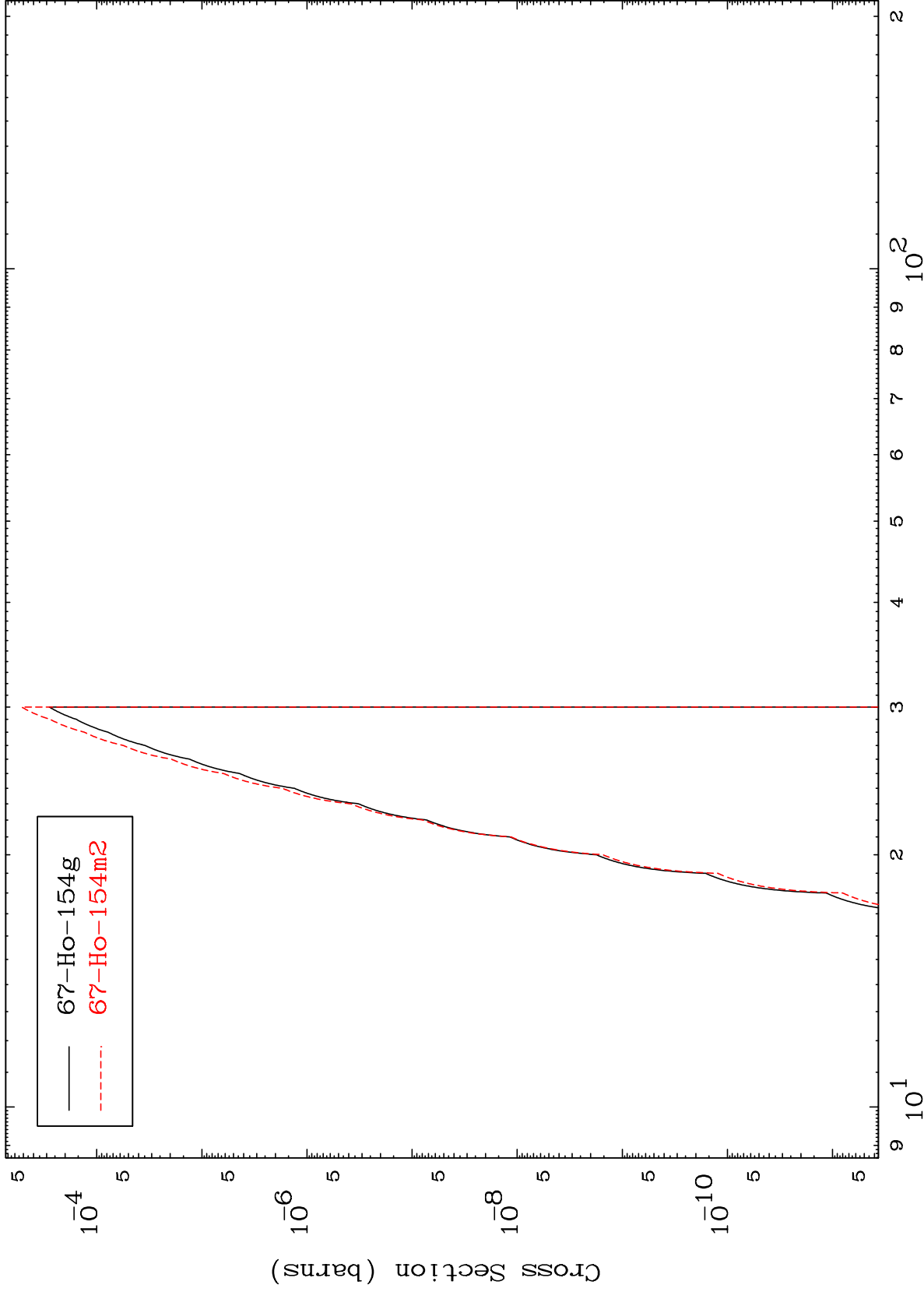
69-Tm-157

MAT 6889

(n,n') He-3

69-Tm-157

Radionuclide Production Cross Section



147

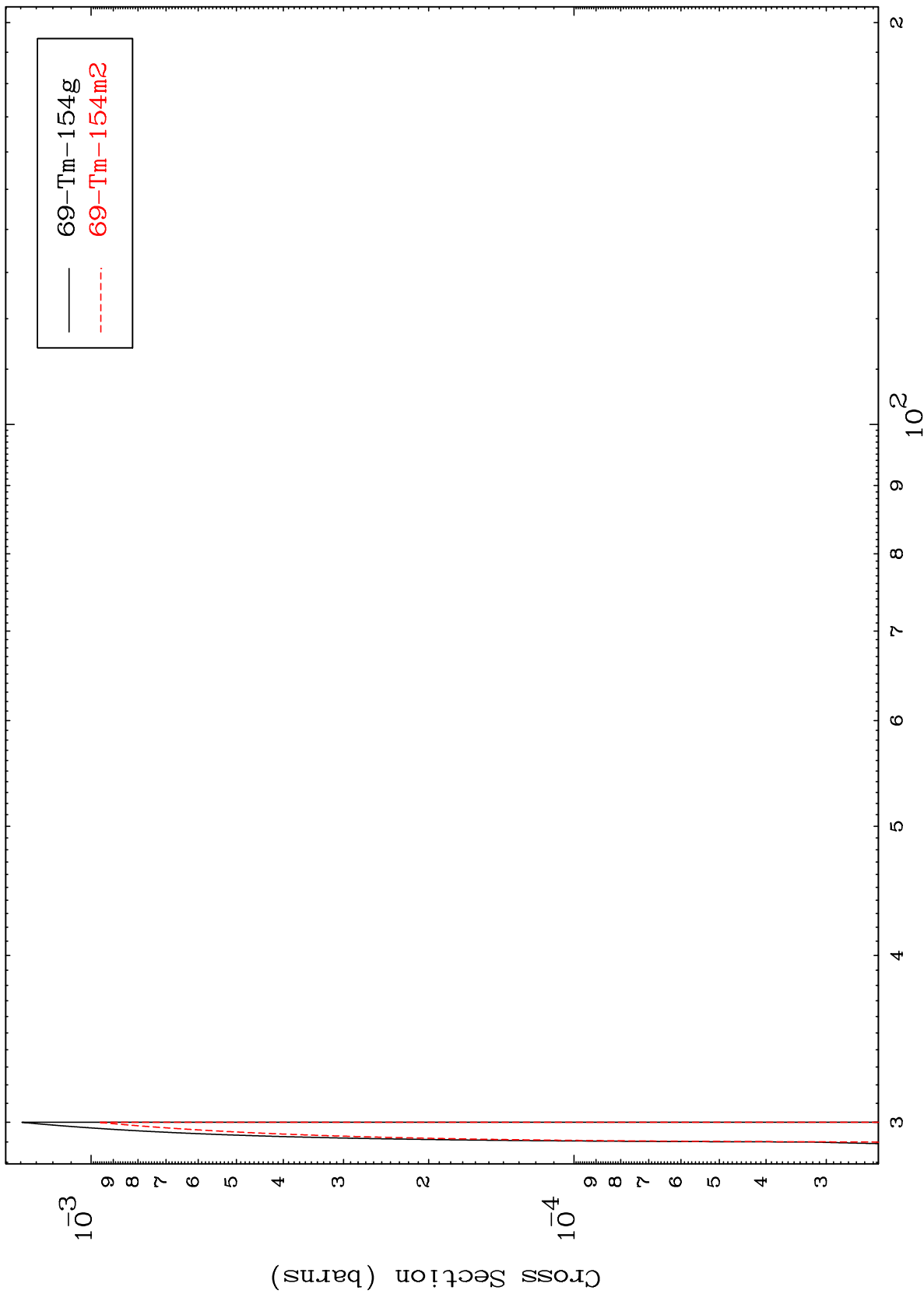
Incident Energy (MeV)

69-Tm-157

MAT 6889

69-Tm-157

(n,4n)
Radionuclide Production Cross Section



148

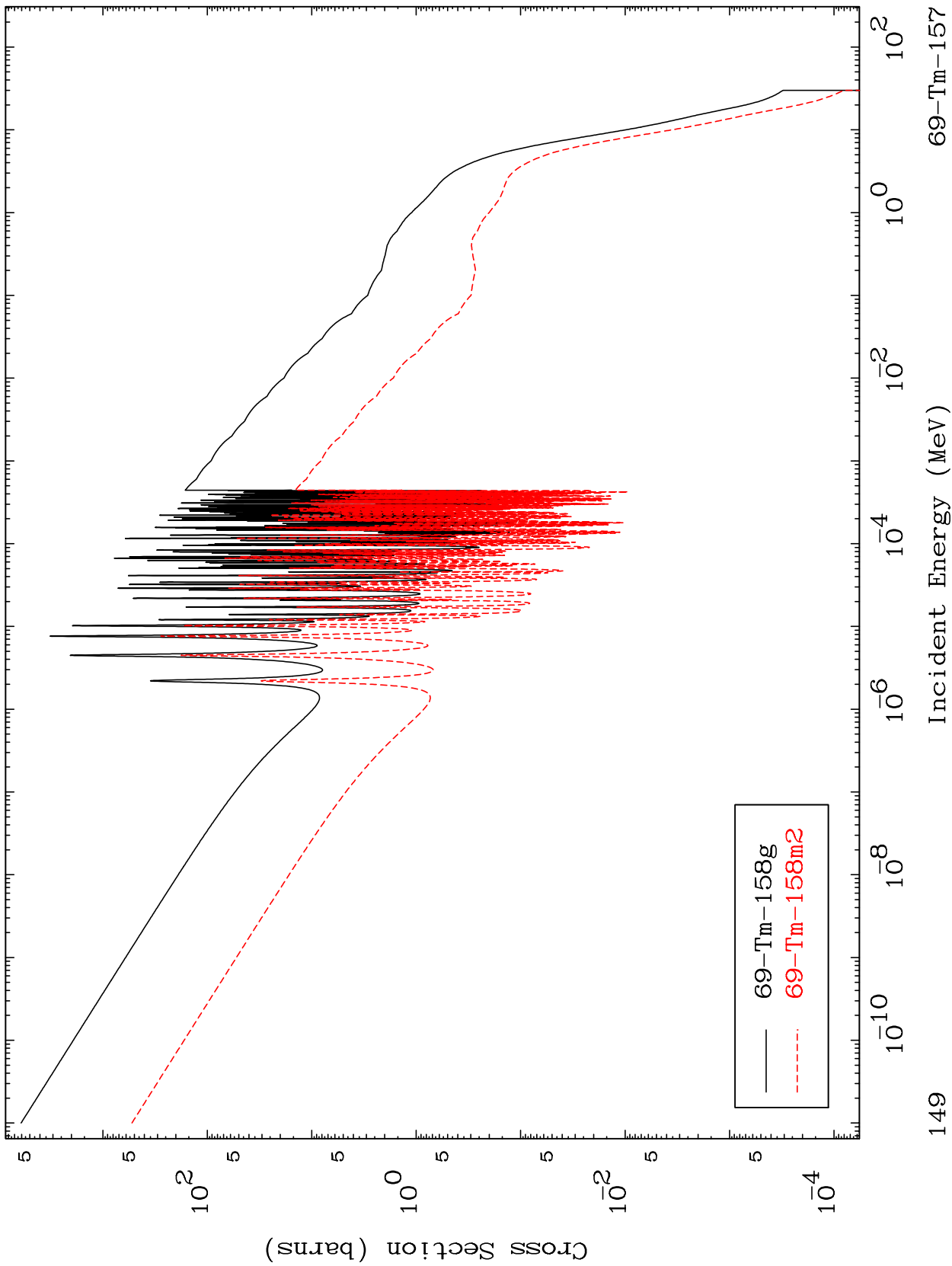
69-Tm-157

Incident Energy (MeV)

MAT 6889

69-Tm-157

(n,γ)
Radionuclide Production Cross Section



149

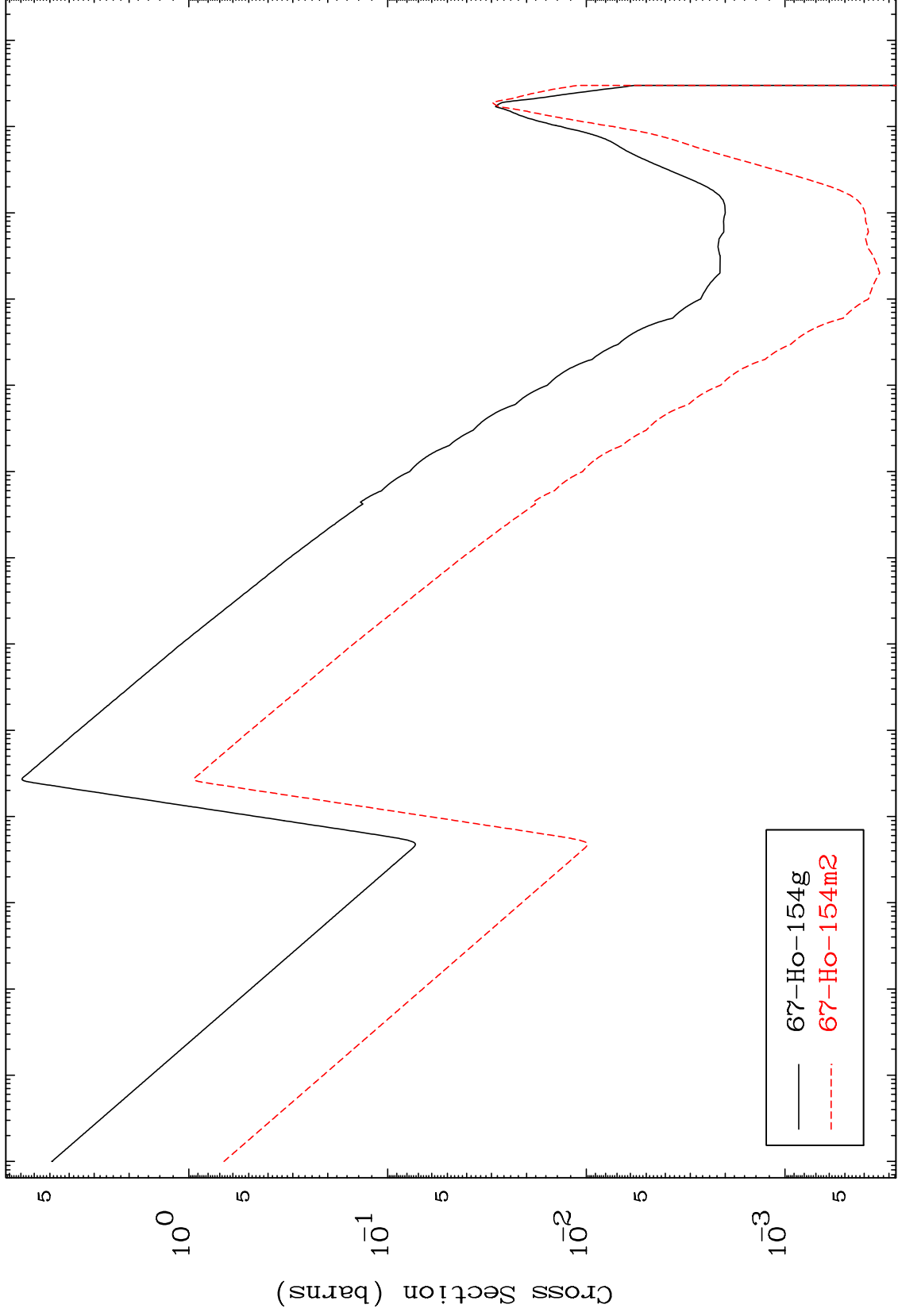
69-Tm-157

MAT 6889

69-Tm-157

Radionuclide Production Cross Section

(n, α)



— 67-Ho-154g
- - - 67-Ho-154m2

69-Tm-157

Incident Energy (MeV)

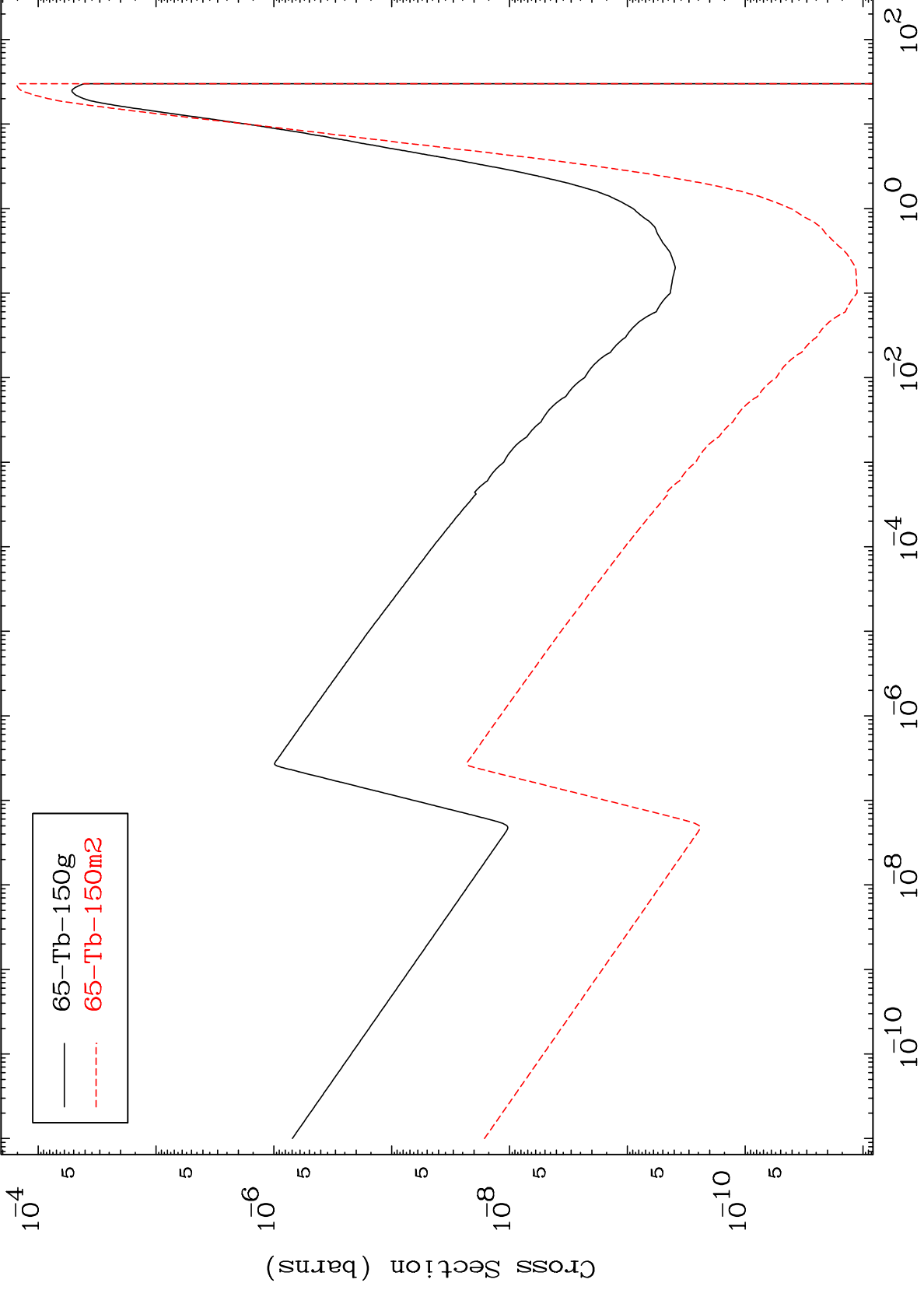
150

MAT 6889

(n,2α)

69-Tm-157

Radionuclide Production Cross Section



151

Incident Energy (MeV)

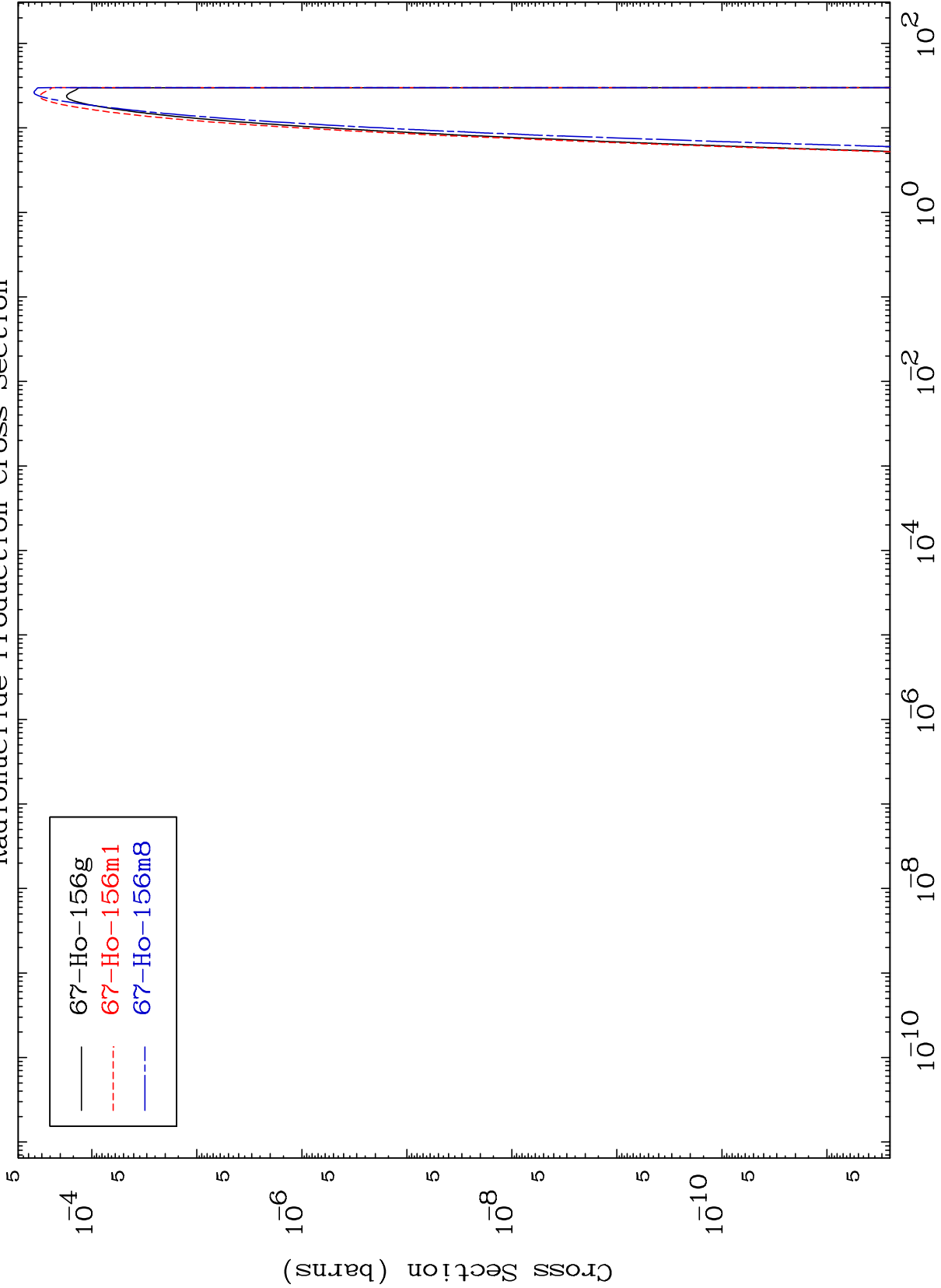
69-Tm-157

MAT 6889

(n,2p)

69-Tm-157

Radionuclide Production Cross Section



152

Incident Energy (MeV)

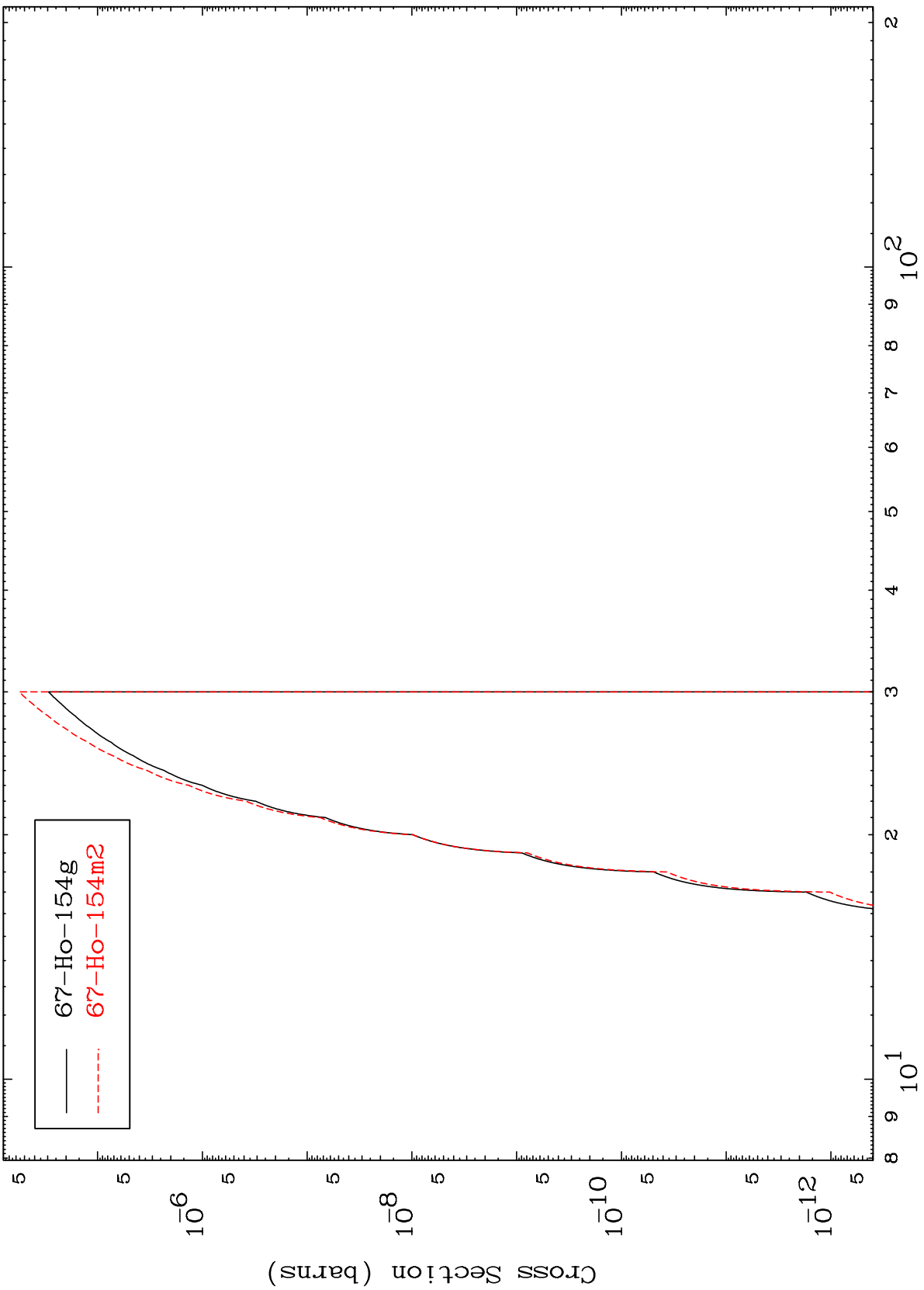
69-Tm-157

MAT 6889

(n,p) t

69-Tm-157

Radionuclide Production Cross Section



153

Incident Energy (MeV)

69-Tm-157