

Program EVALPLOT
(Version 2021-1)

by

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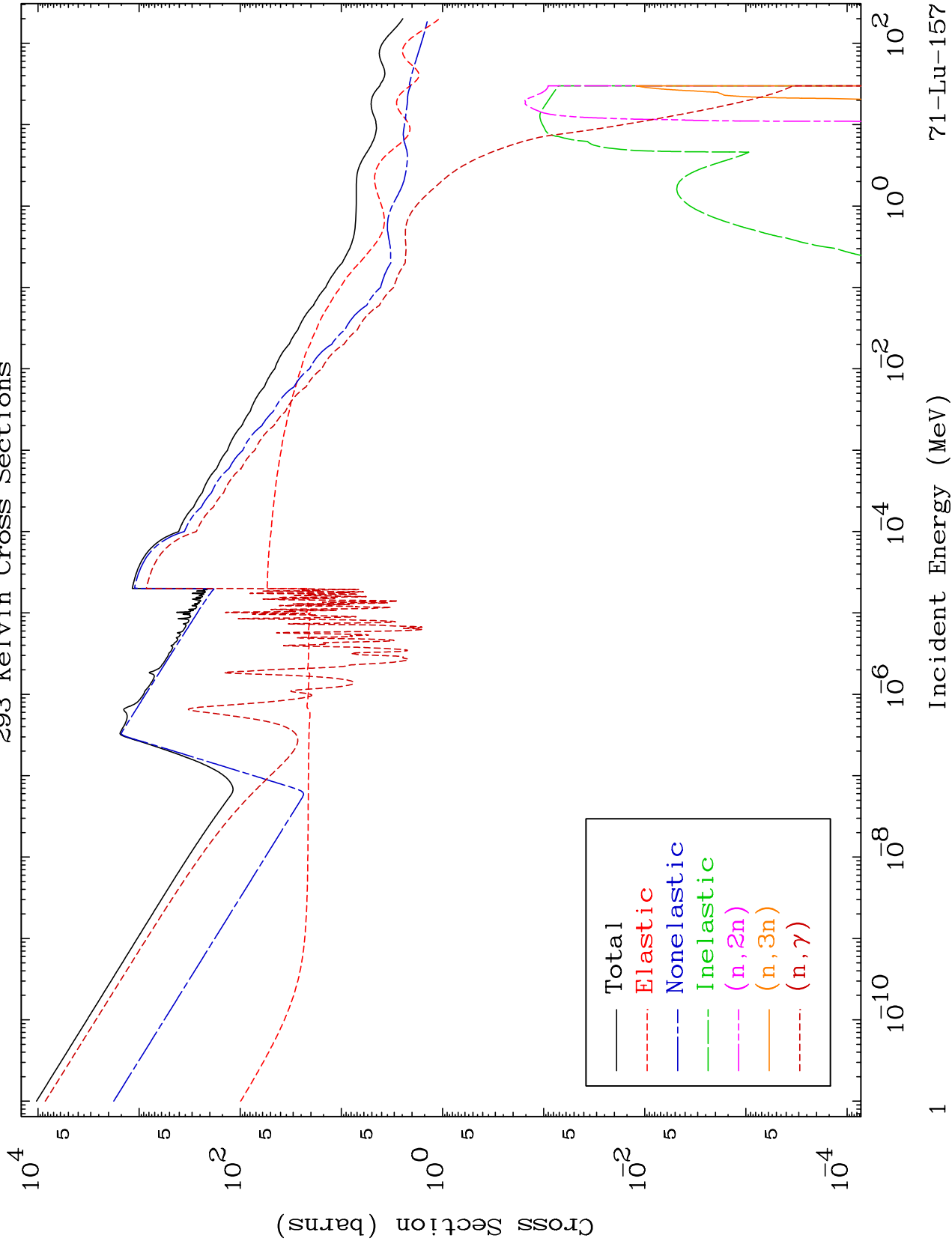
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Press Mouse Button to Start

MAT 7071

Neutron Major
293 Kelvin Cross Sections

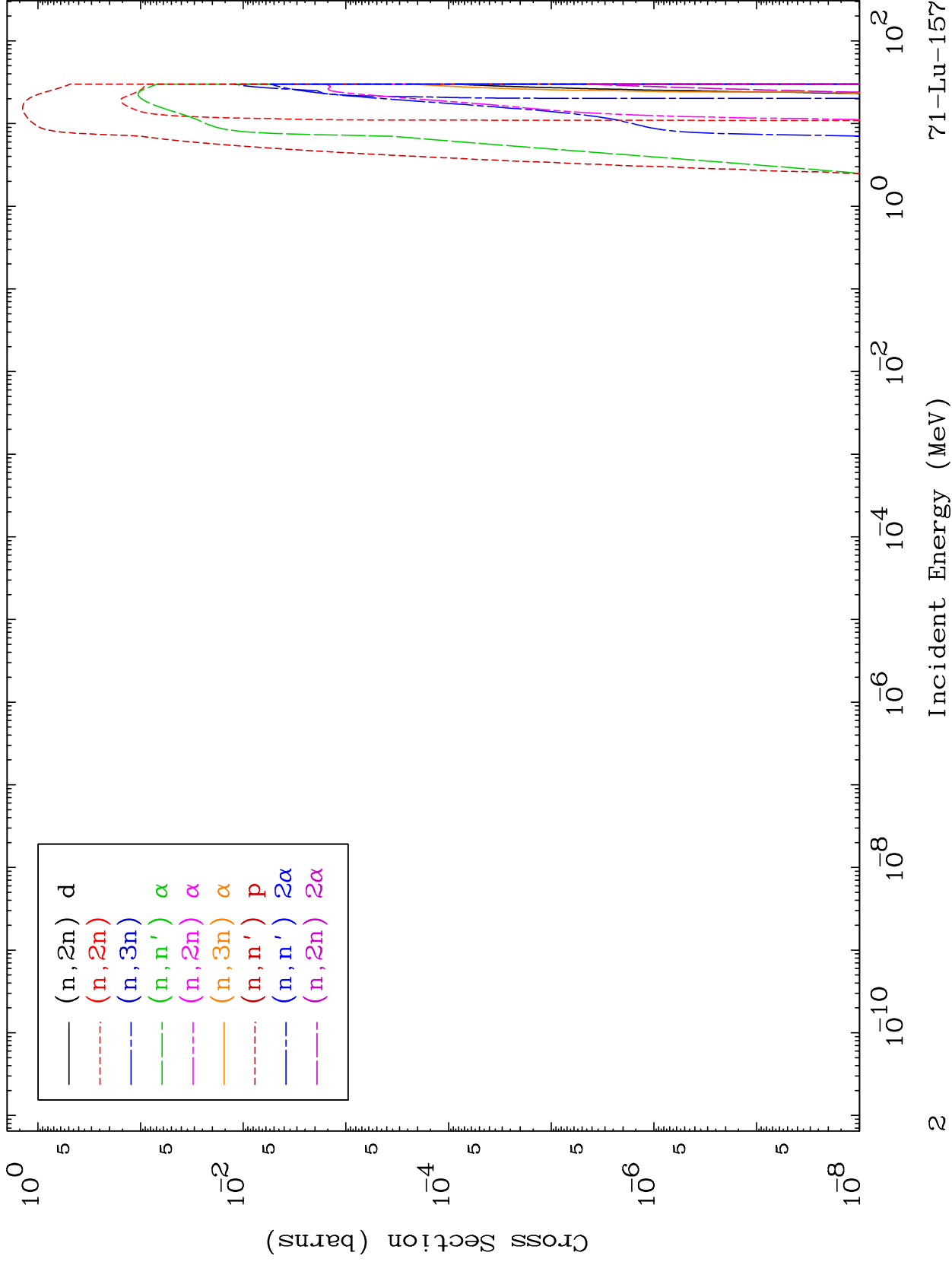
71-Lu-157

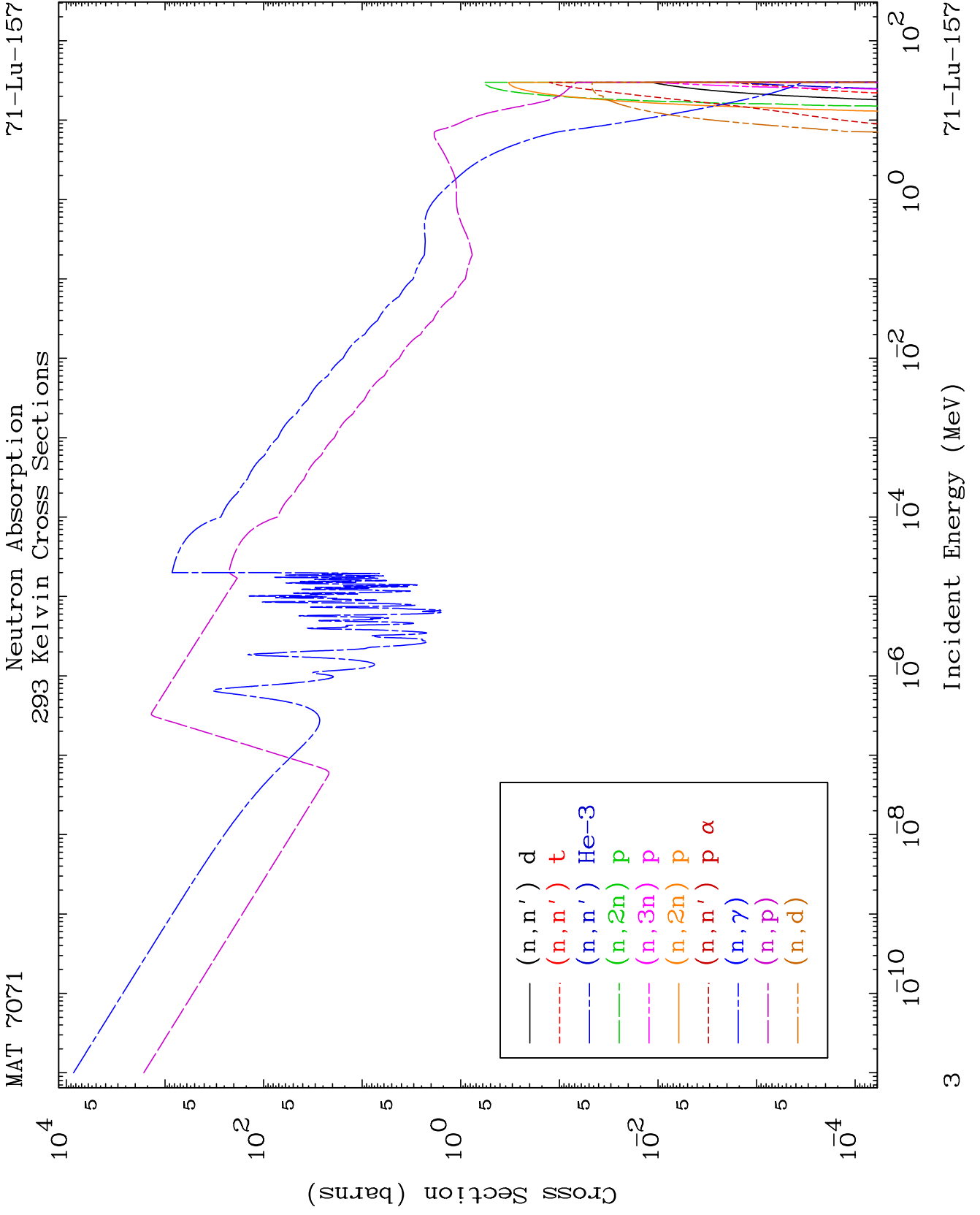


MAT 7071

Neutron Absorption
293 Kelvin Cross Sections

71-Lu-157

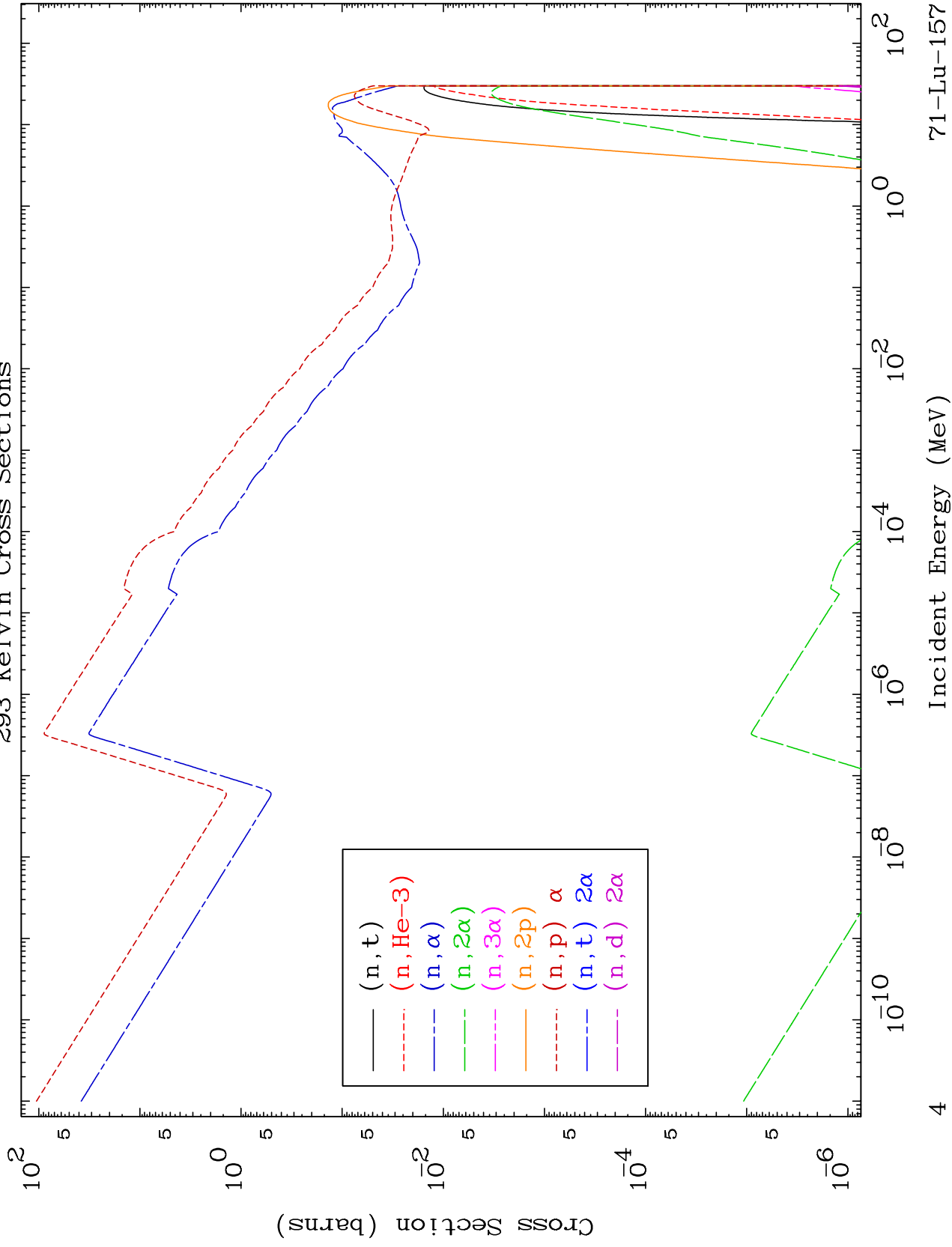


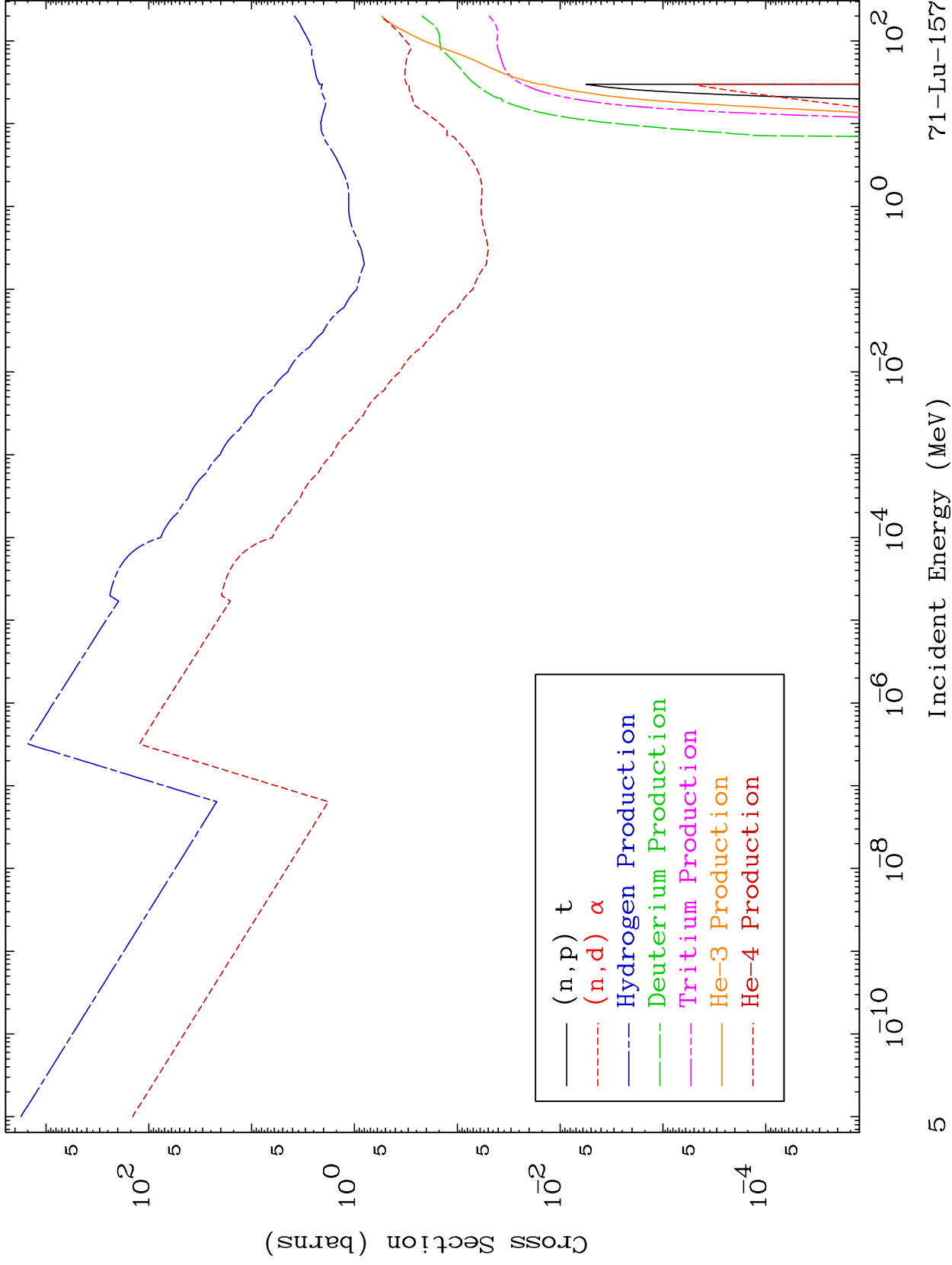


MAT 7071

Neutron Absorption
293 Kelvin Cross Sections

71-Lu-157

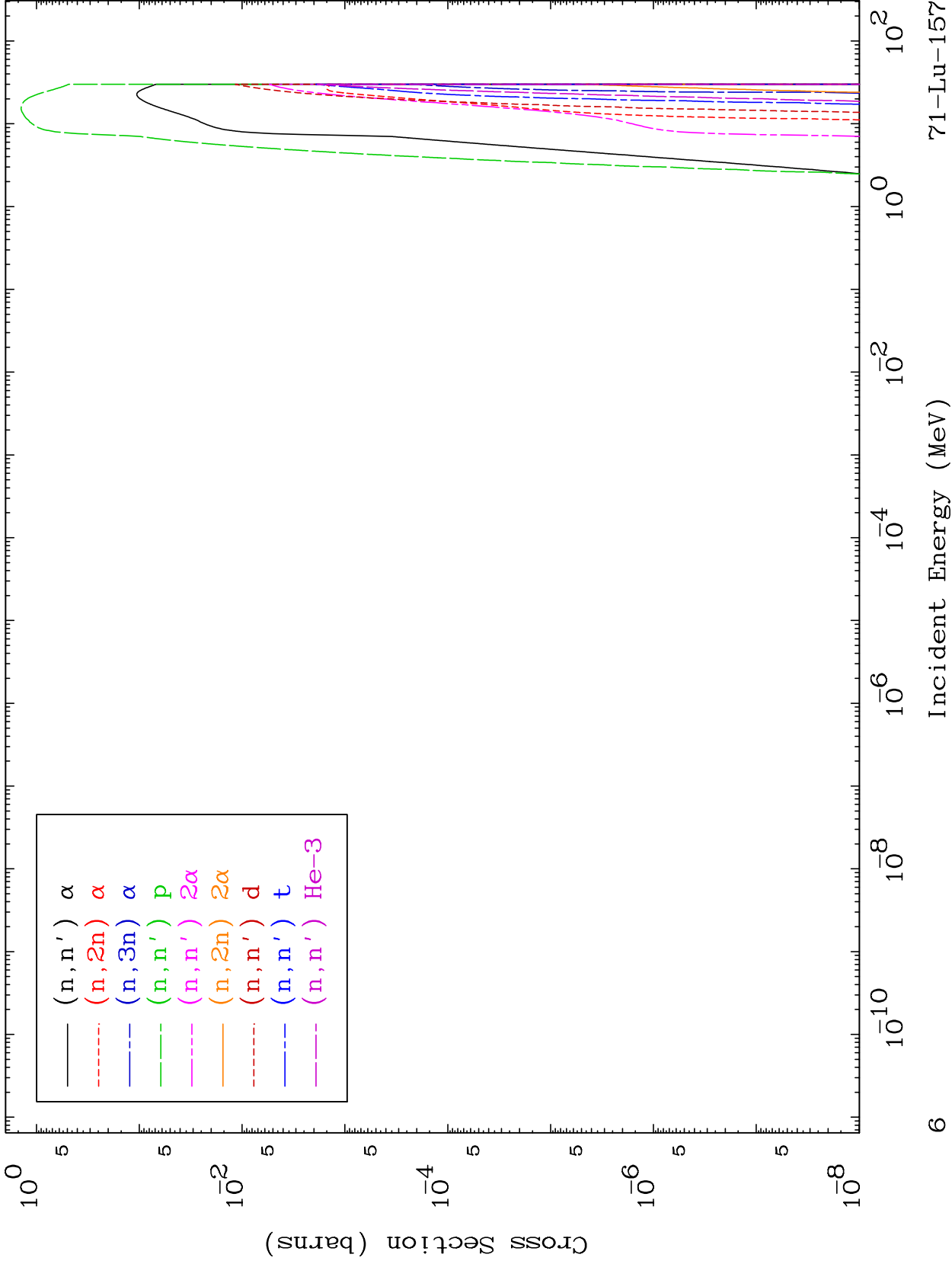




MAT 7071

Charged Particle
293 Kelvin Cross Sections

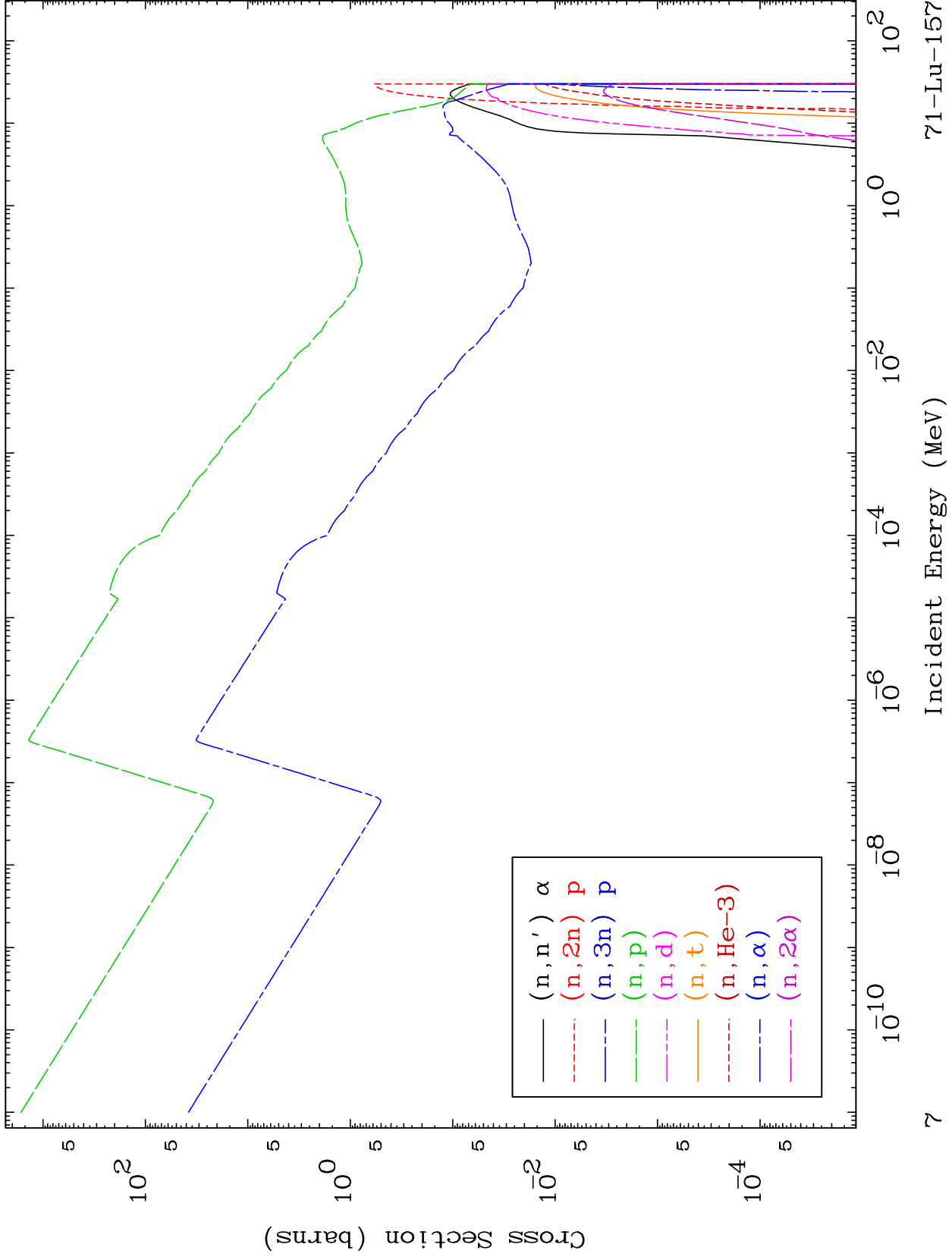
71-Lu-157



MAT 7071

Charged Particle
293 Kelvin Cross Sections

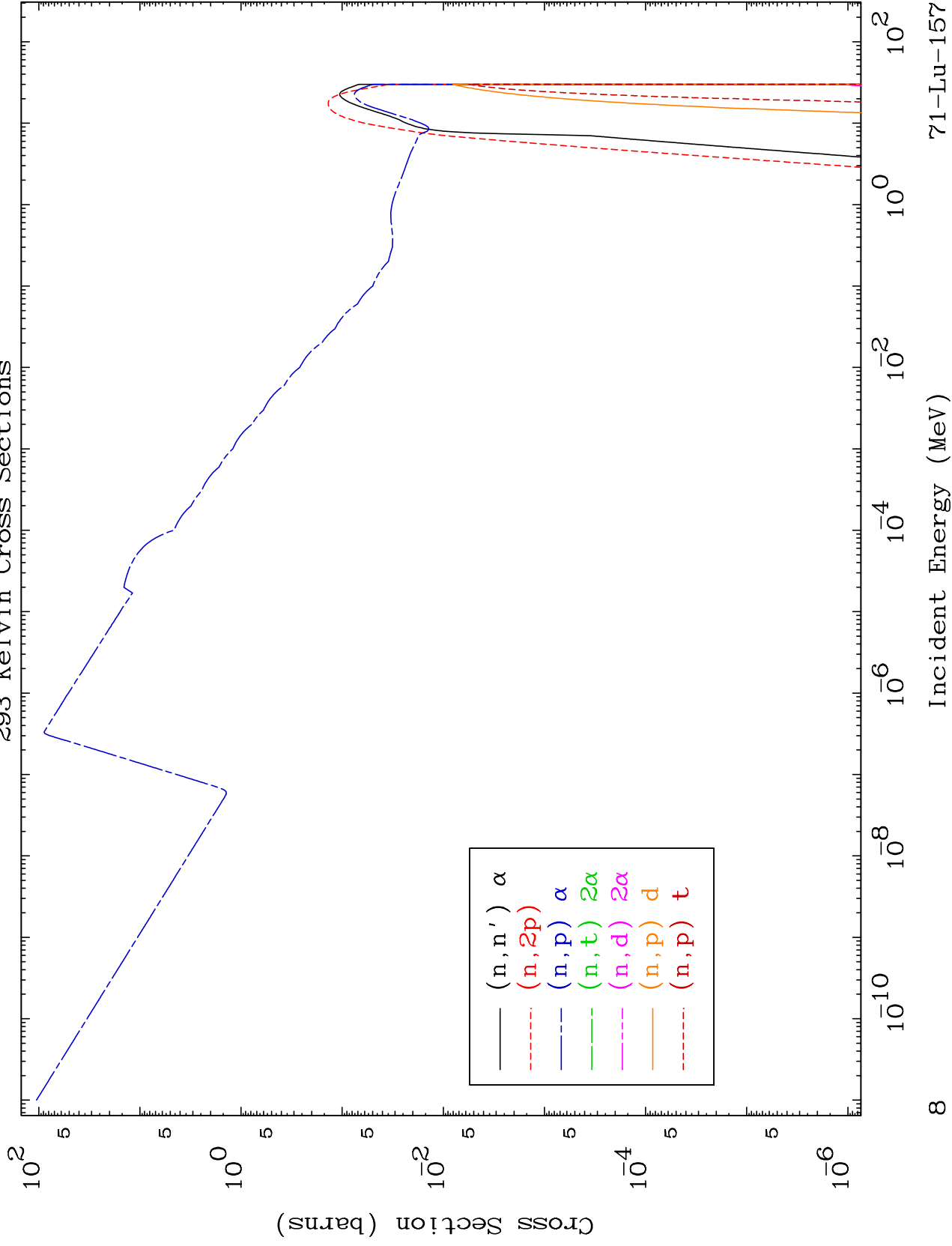
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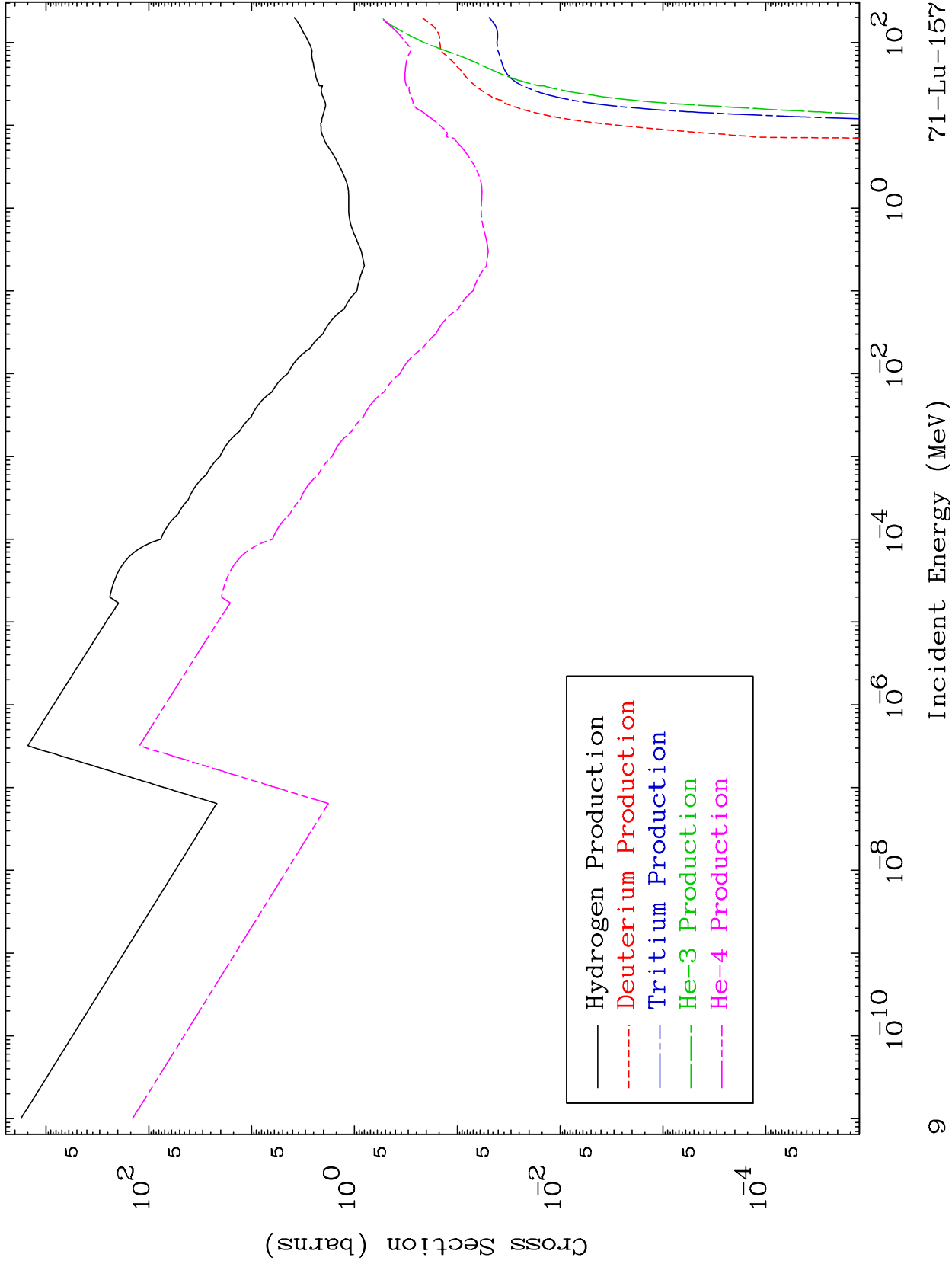


MAT 7071

Charged Particle
293 Kelvin Cross Sections

71-Lu-157

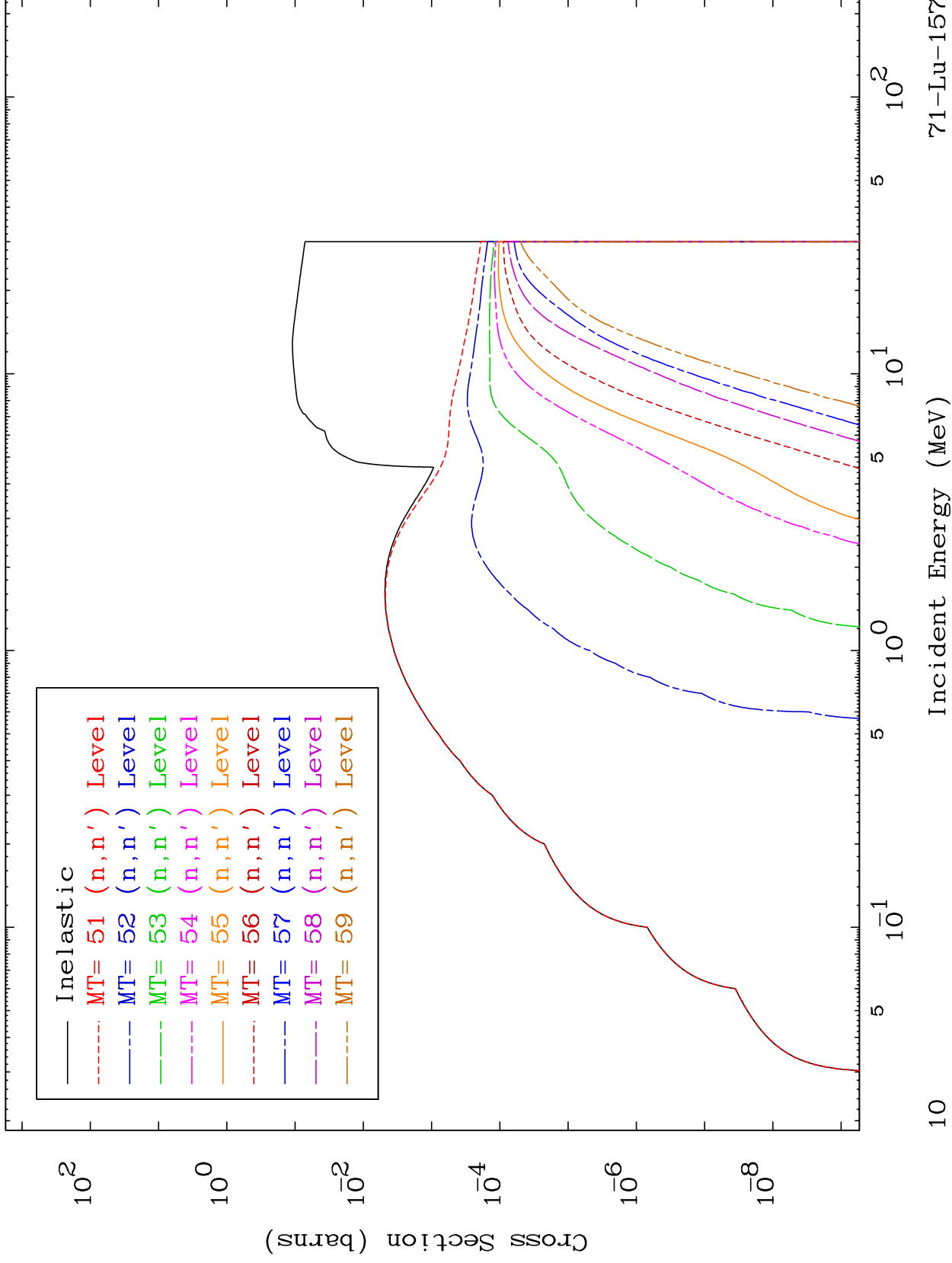




MAT 7071

293 (n,n') Levels

71-Lu-157



10

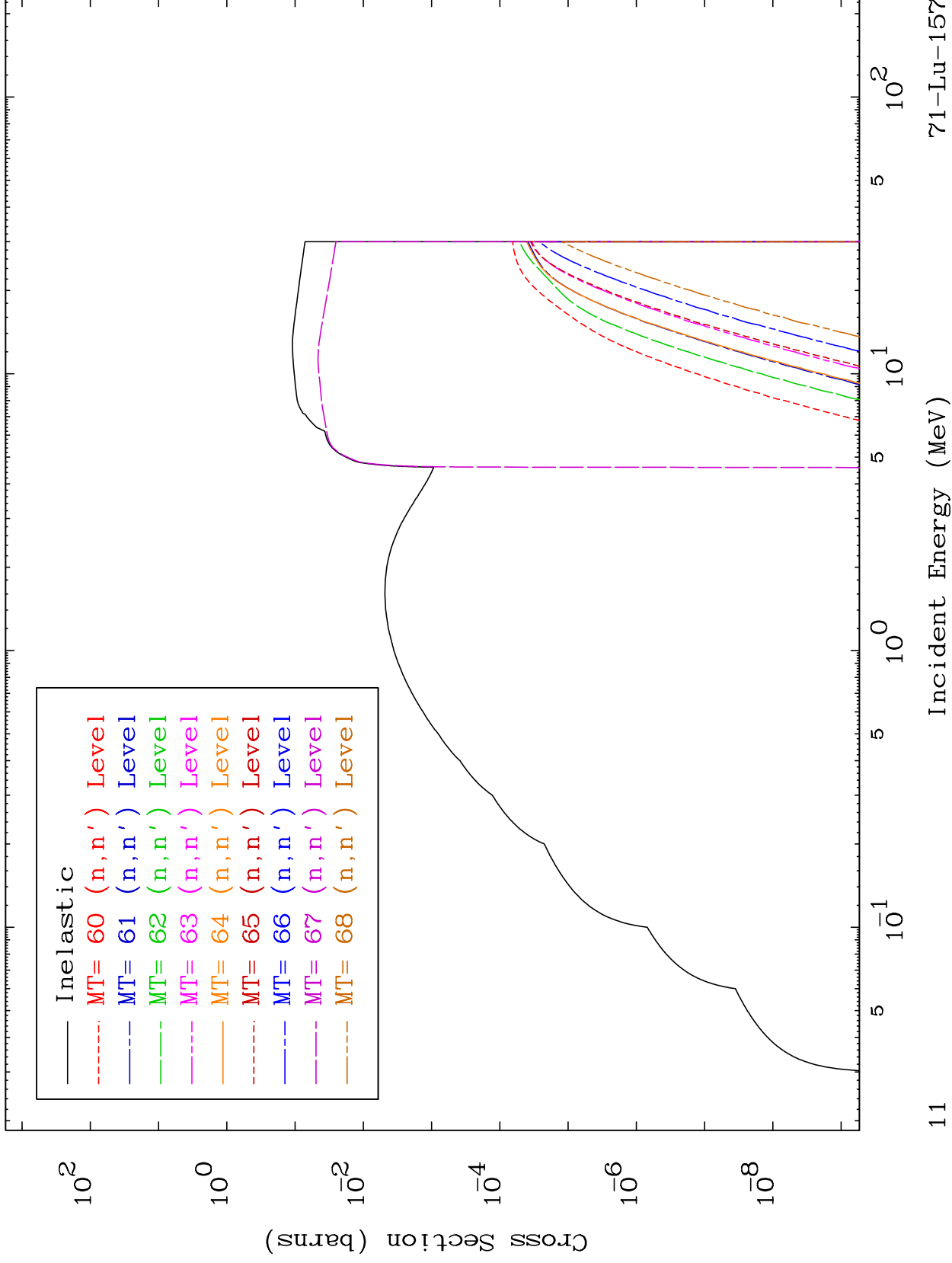
Incident Energy (MeV)

71-Lu-157

MAT 7071

293 Kelvin Cross Sections
(n,n') Levels

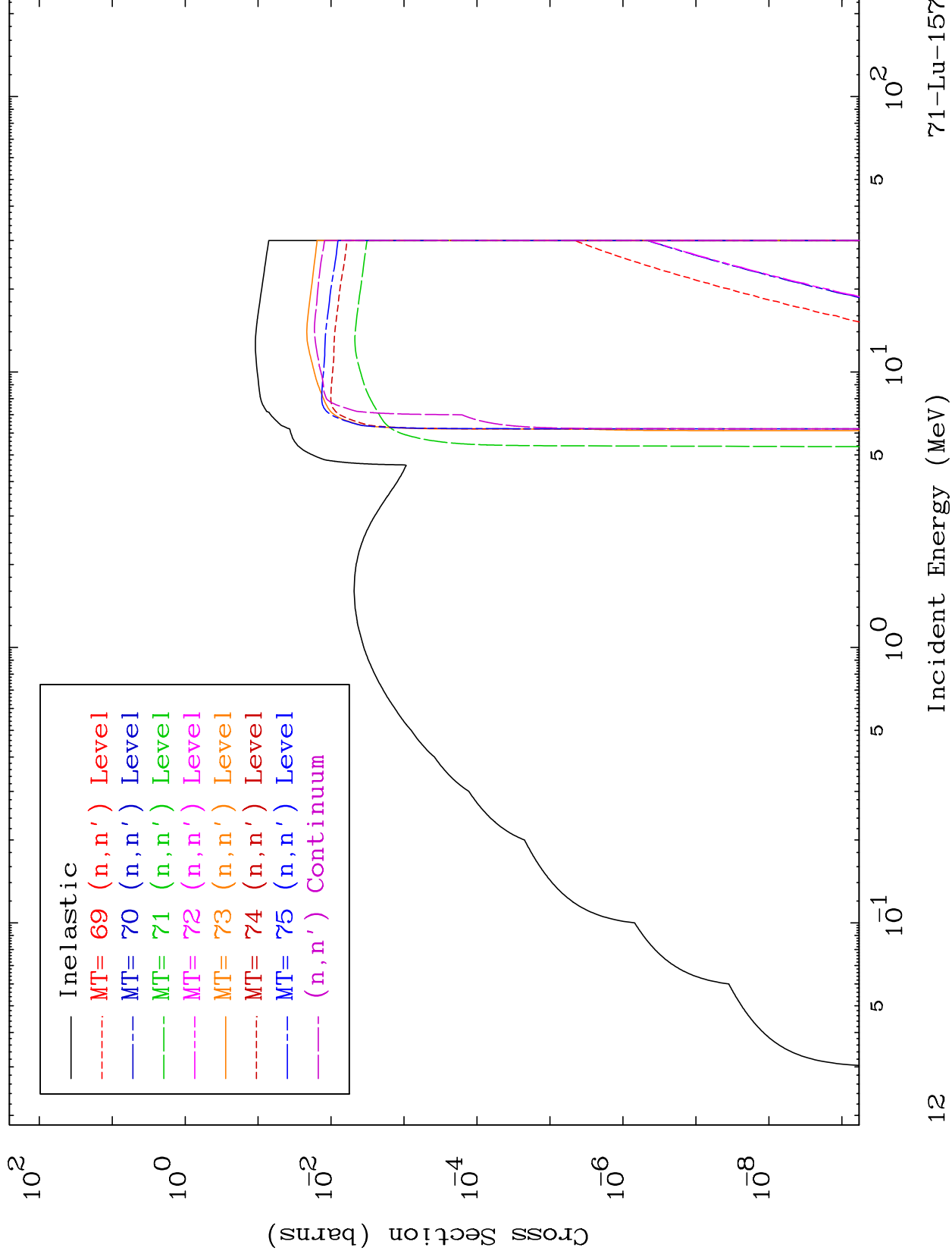
71-Lu-157



MAT 7071

293 (n,n') Levels

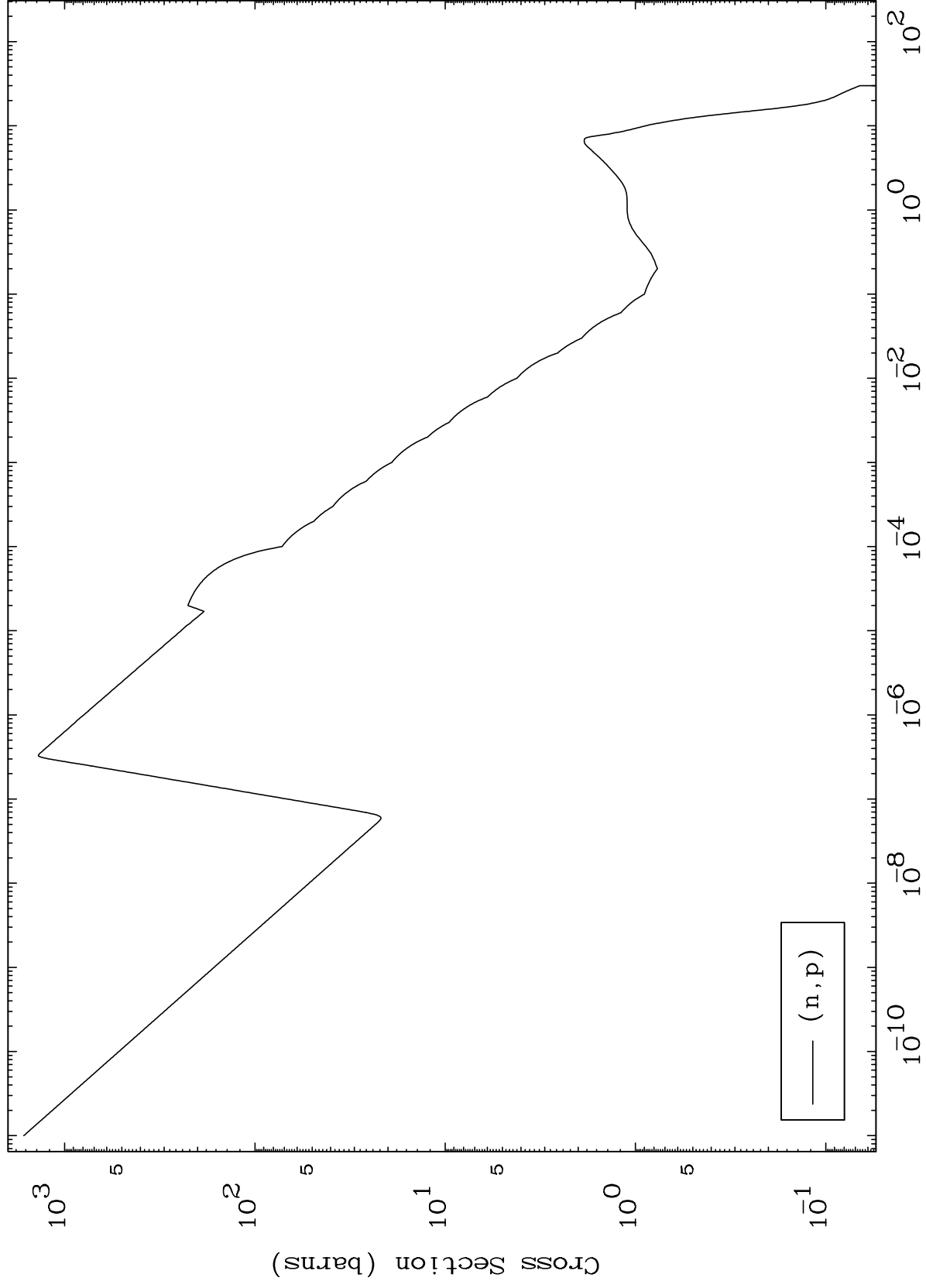
71-Lu-157



MAT 7071

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-157



13

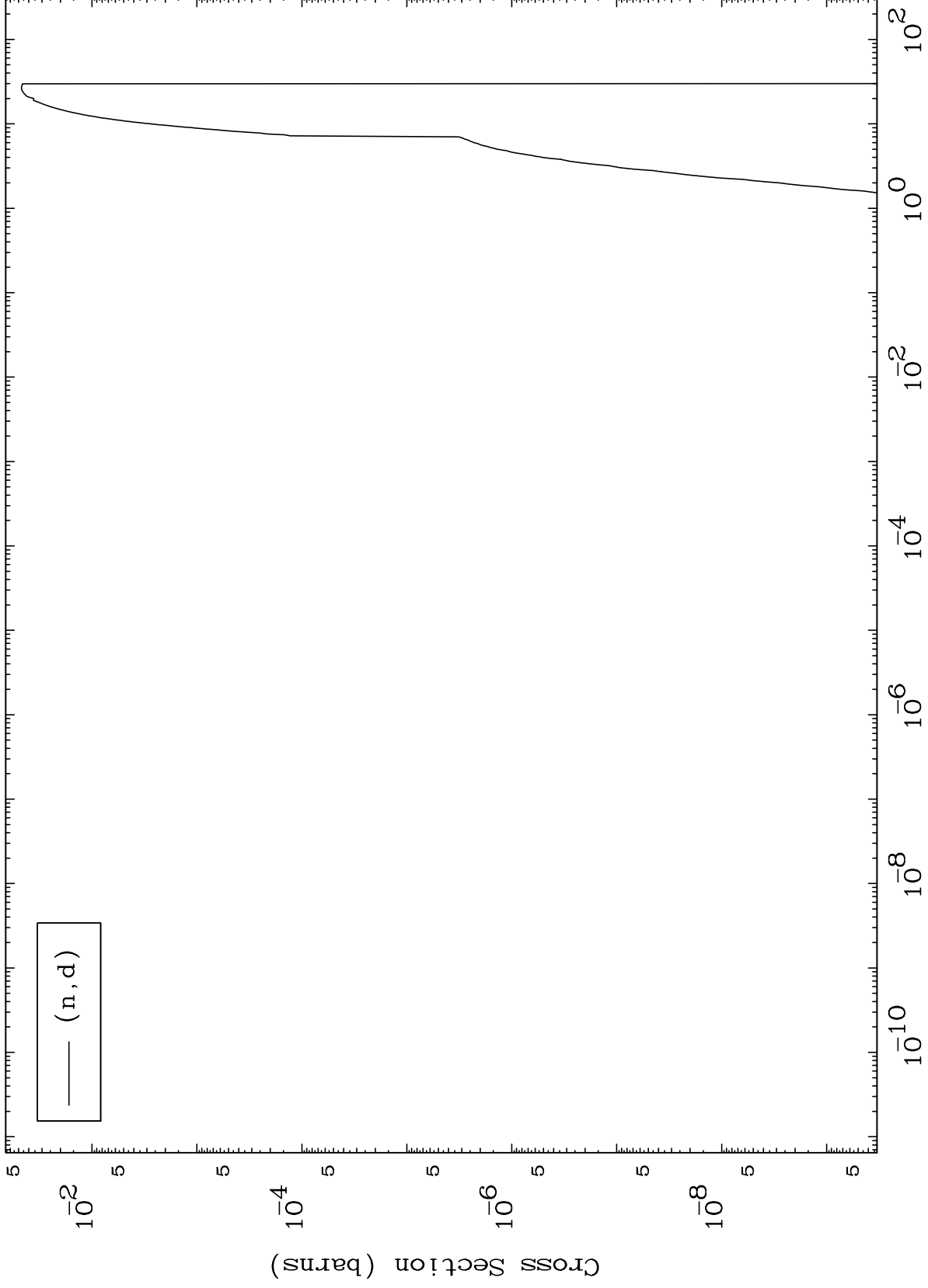
Incident Energy (MeV)

71-Lu-157

MAT 7071

(n,d) Levels
293 Kelvin Cross Sections

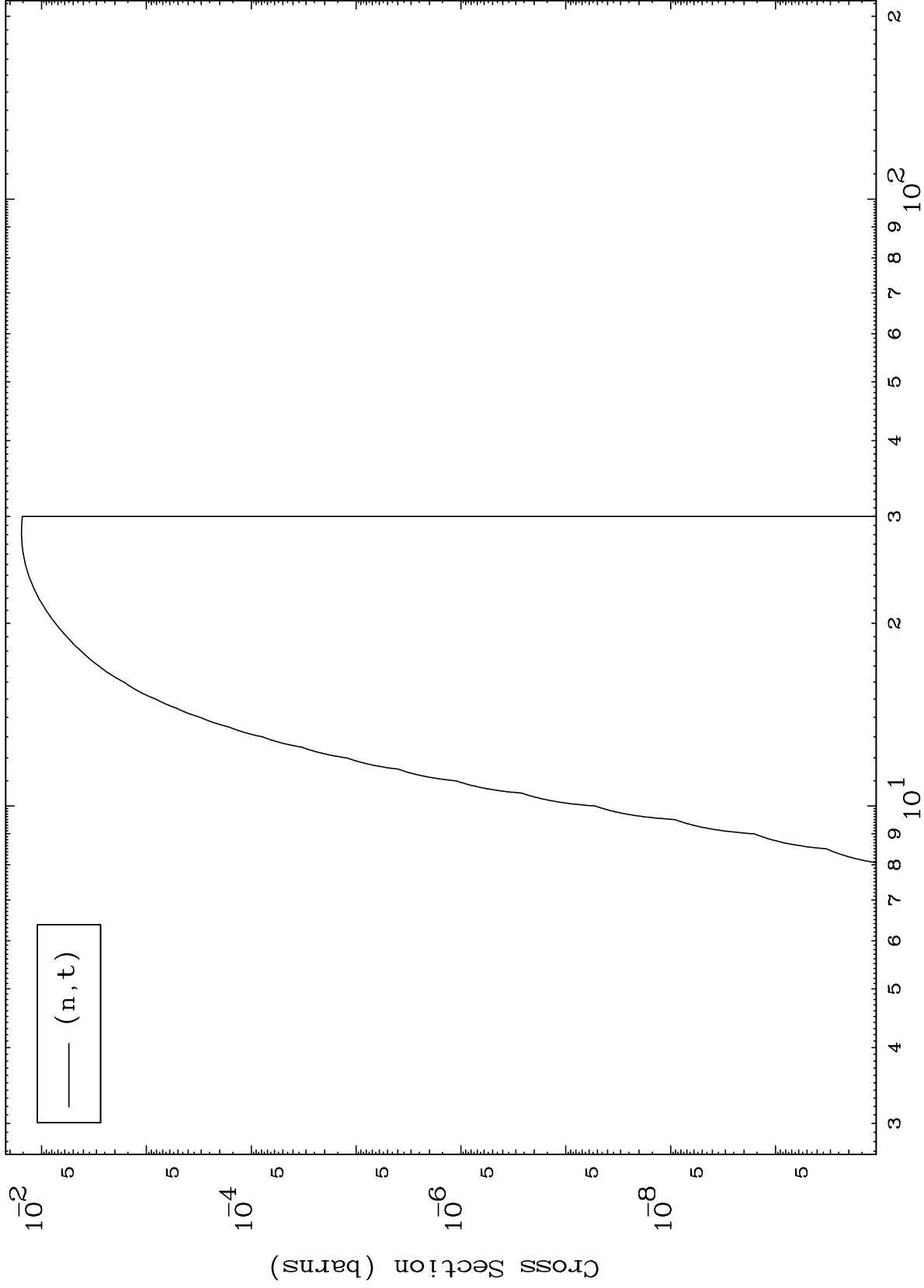
71-Lu-157



MAT 7071

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-157



15

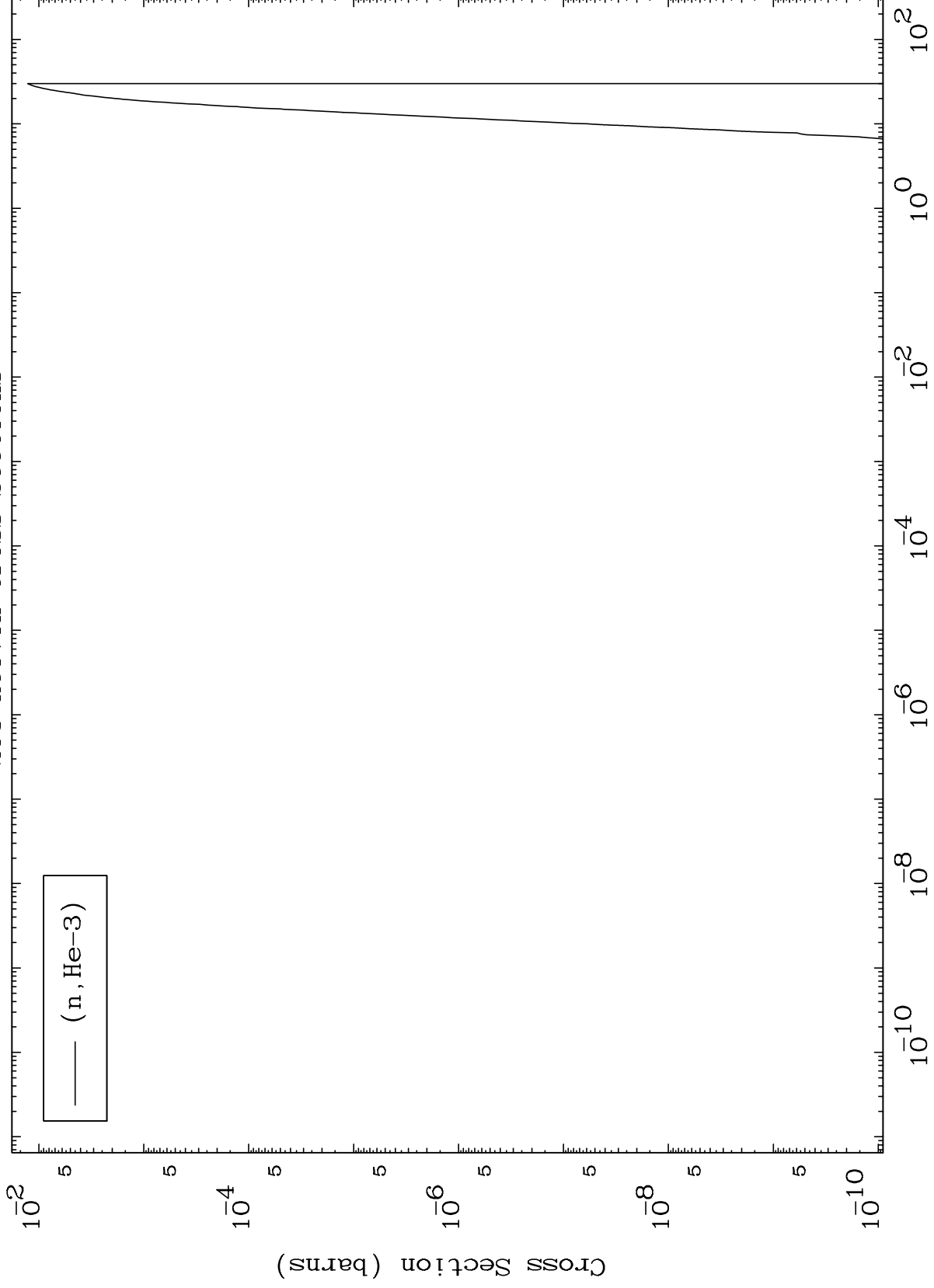
Incident Energy (MeV)

71-Lu-157

MAT 7071

(n,He3) Levels
293 Kelvin Cross Sections

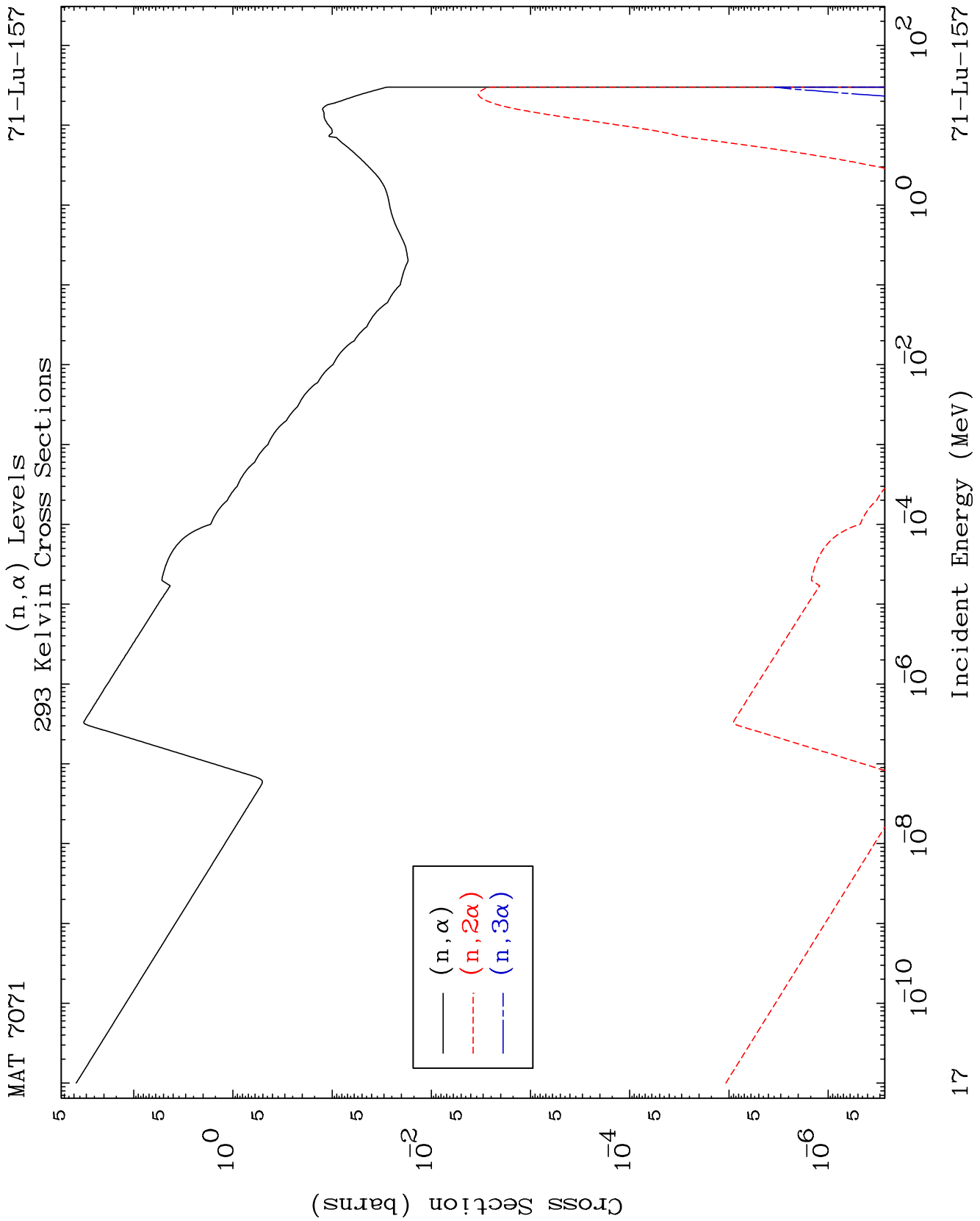
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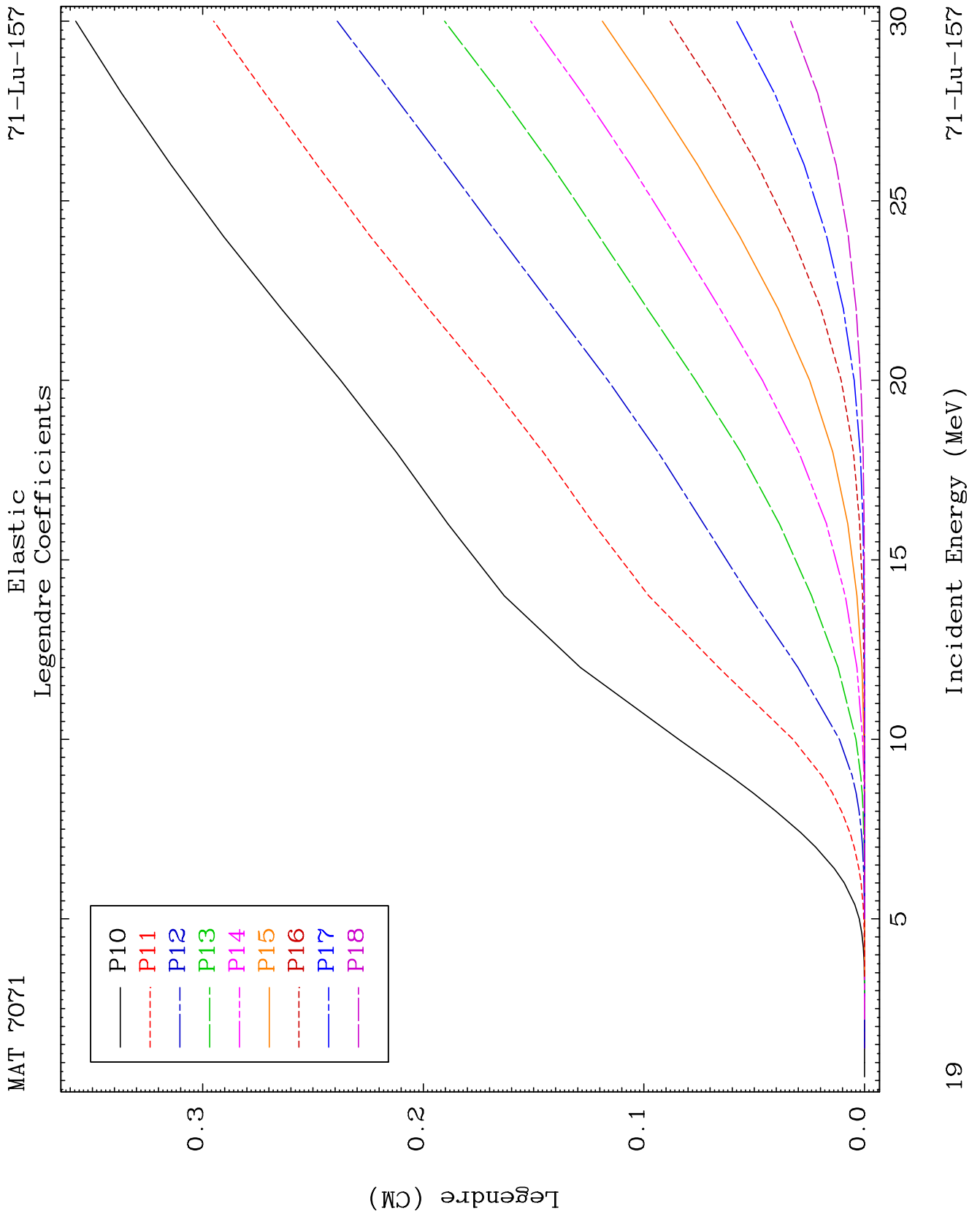


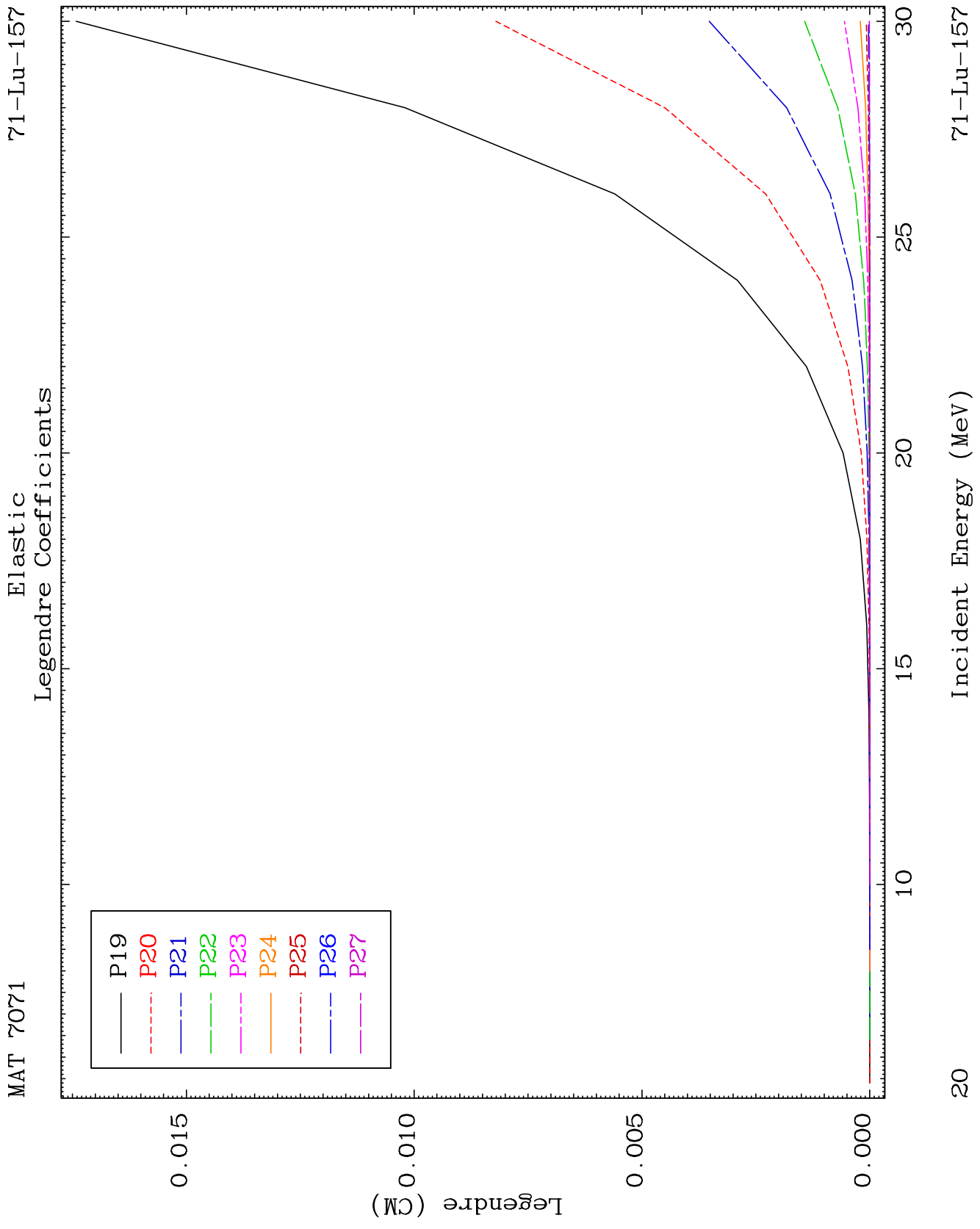
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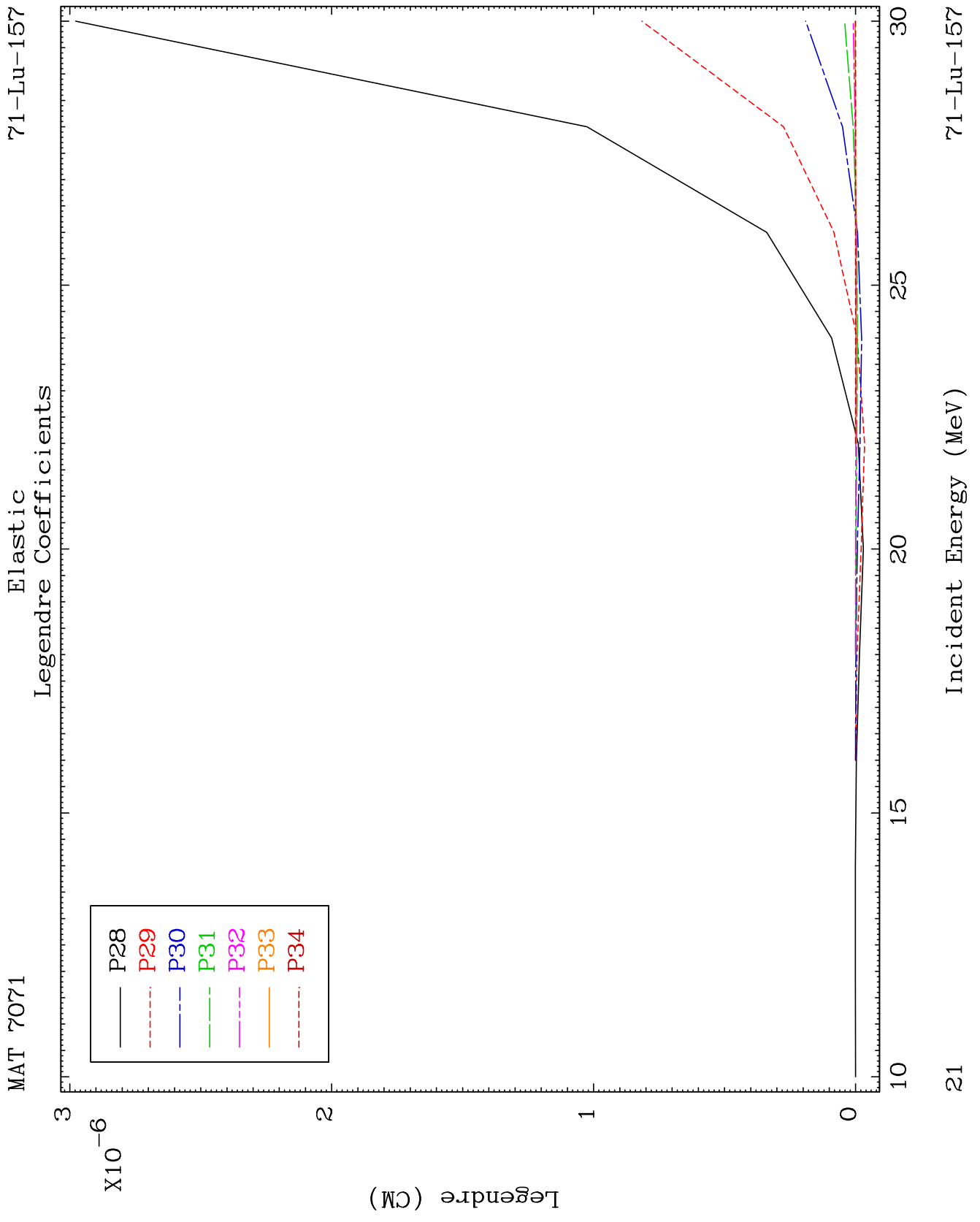
Incident Energy (MeV)

71-Lu-157





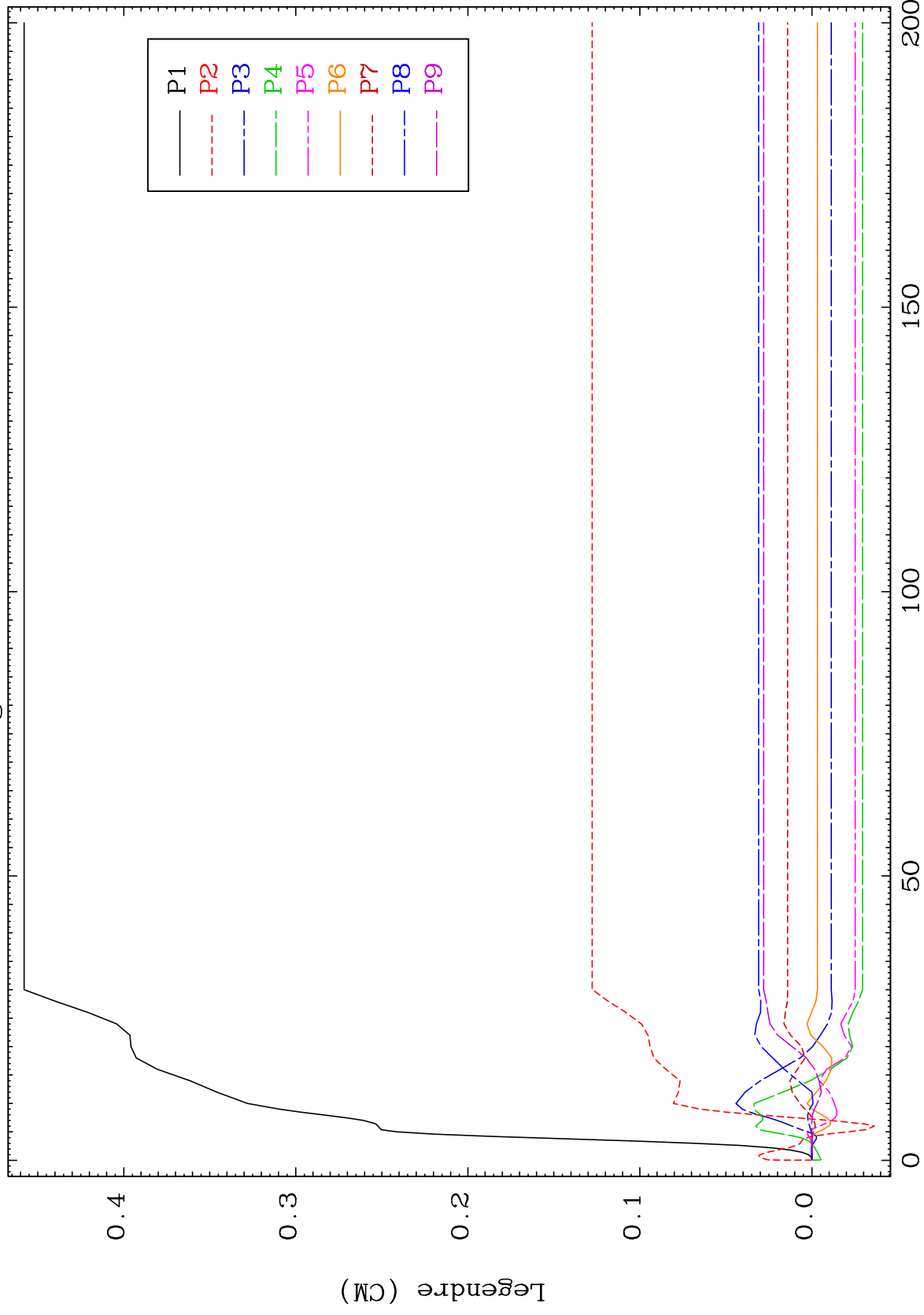




MAT 7071

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

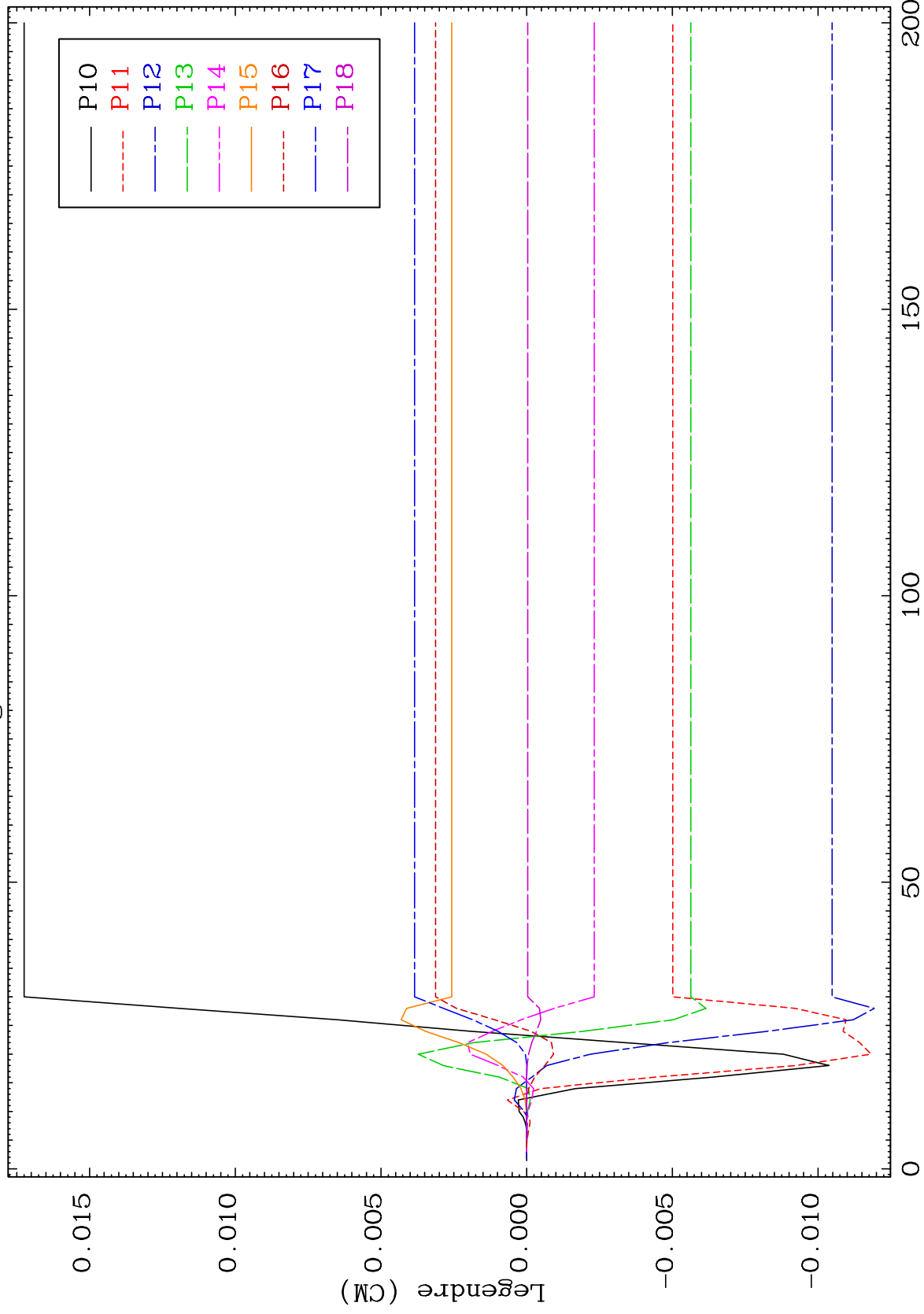
71-Lu-157



22

Incident Energy (MeV)

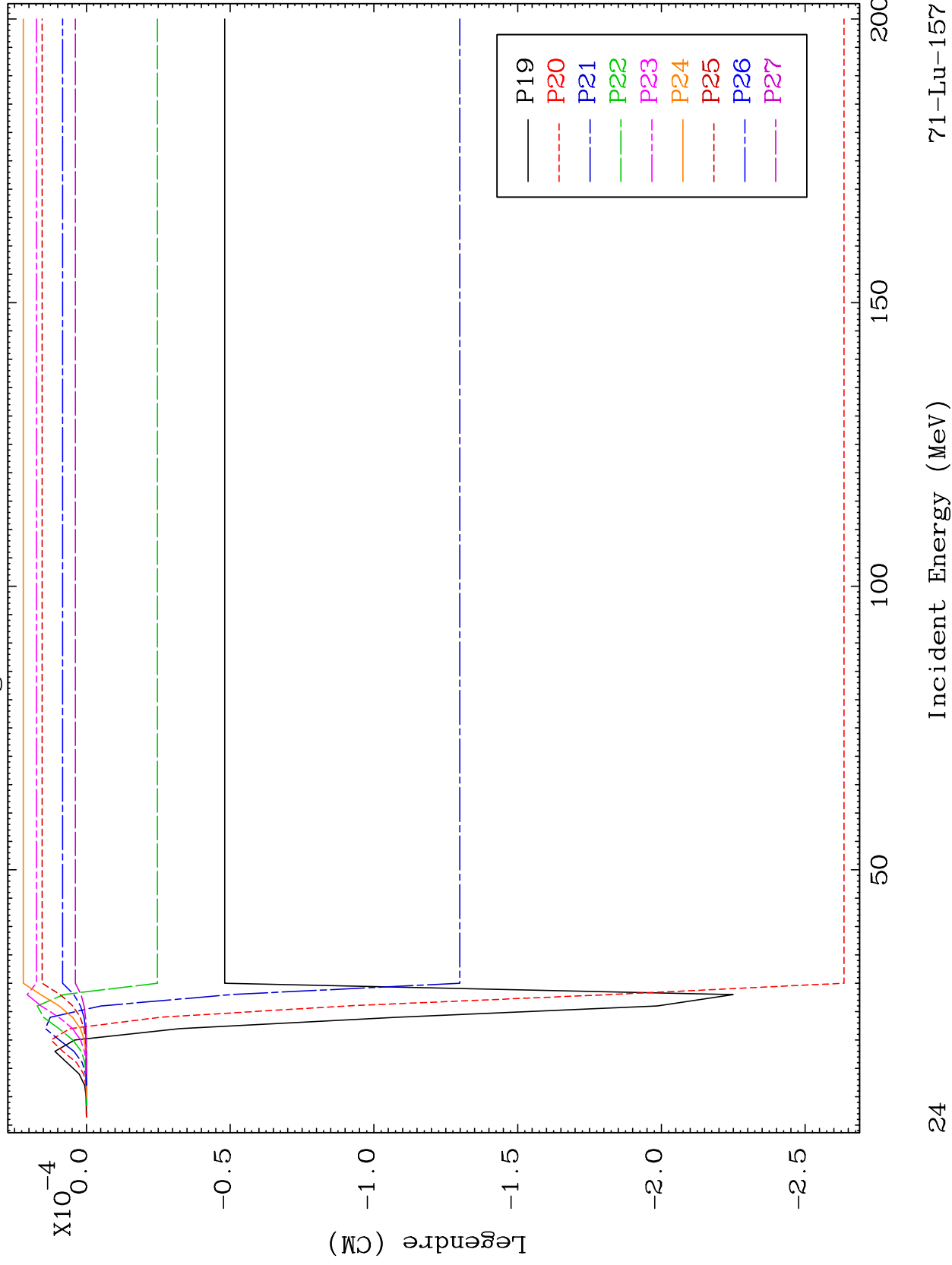
71-Lu-157



MAT 7071

71-Lu-157

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



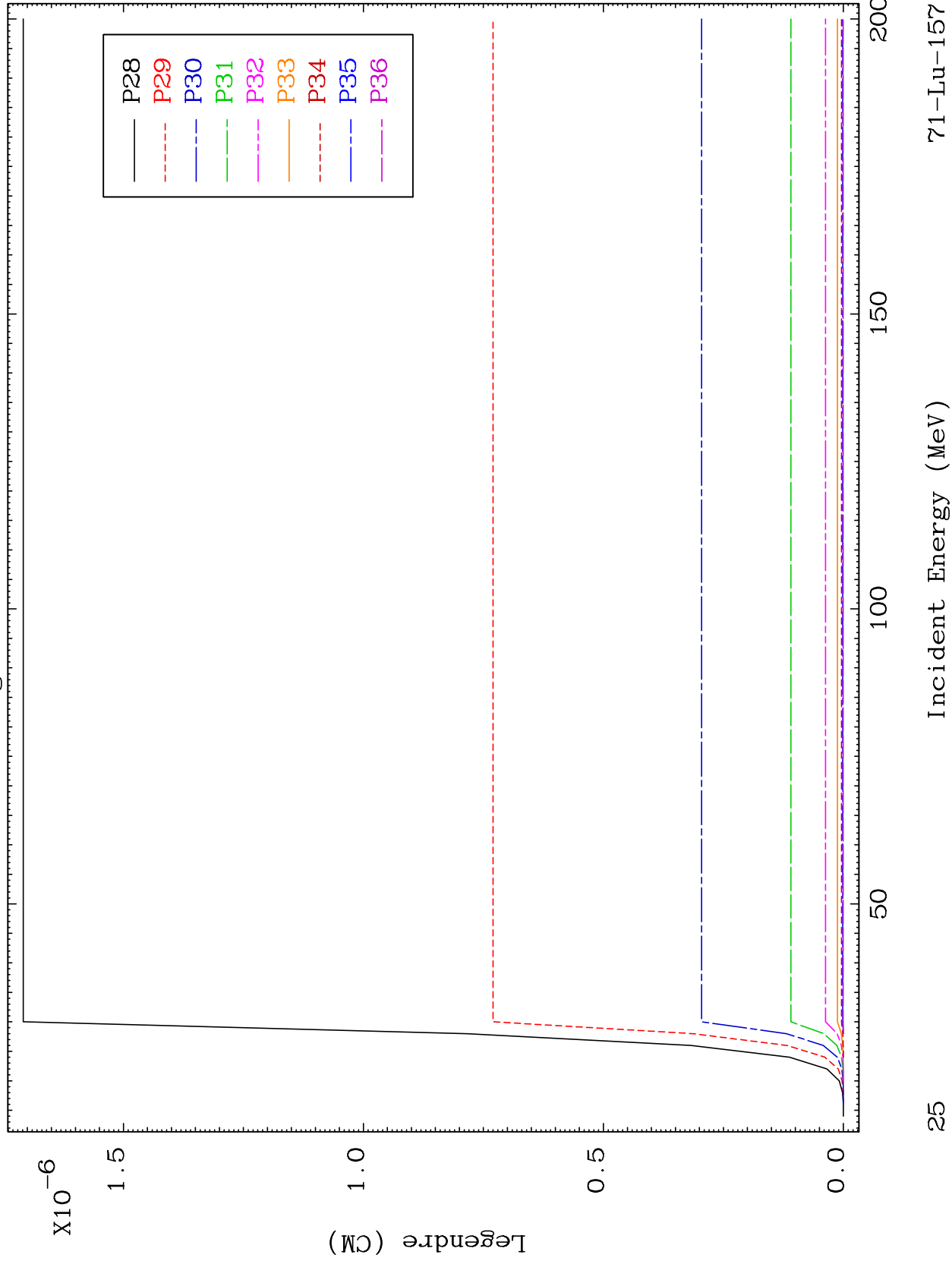
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71-Lu-157

MAT 7071

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

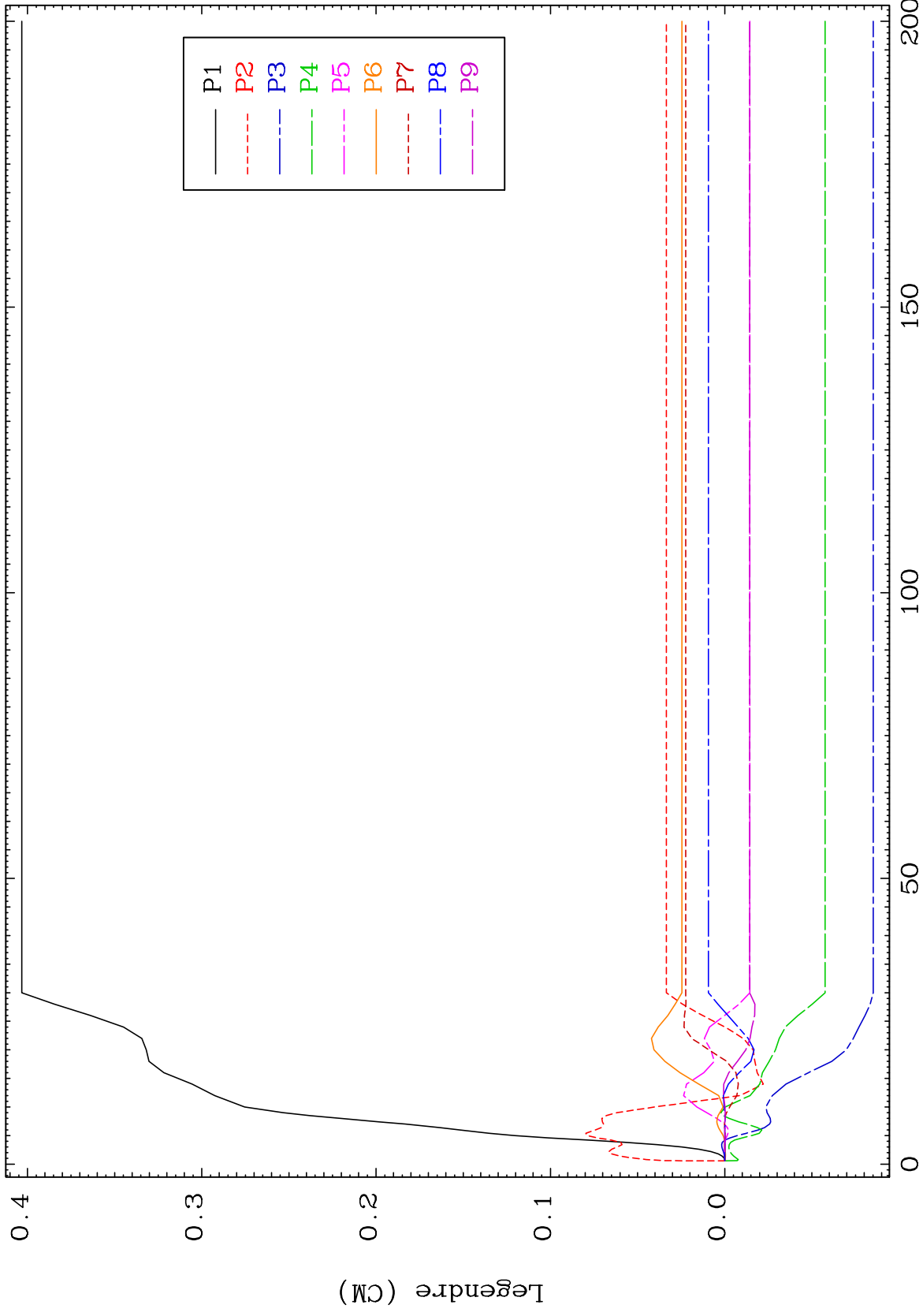
71-Lu-157



MAT 7071

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

71-Lu-157



26

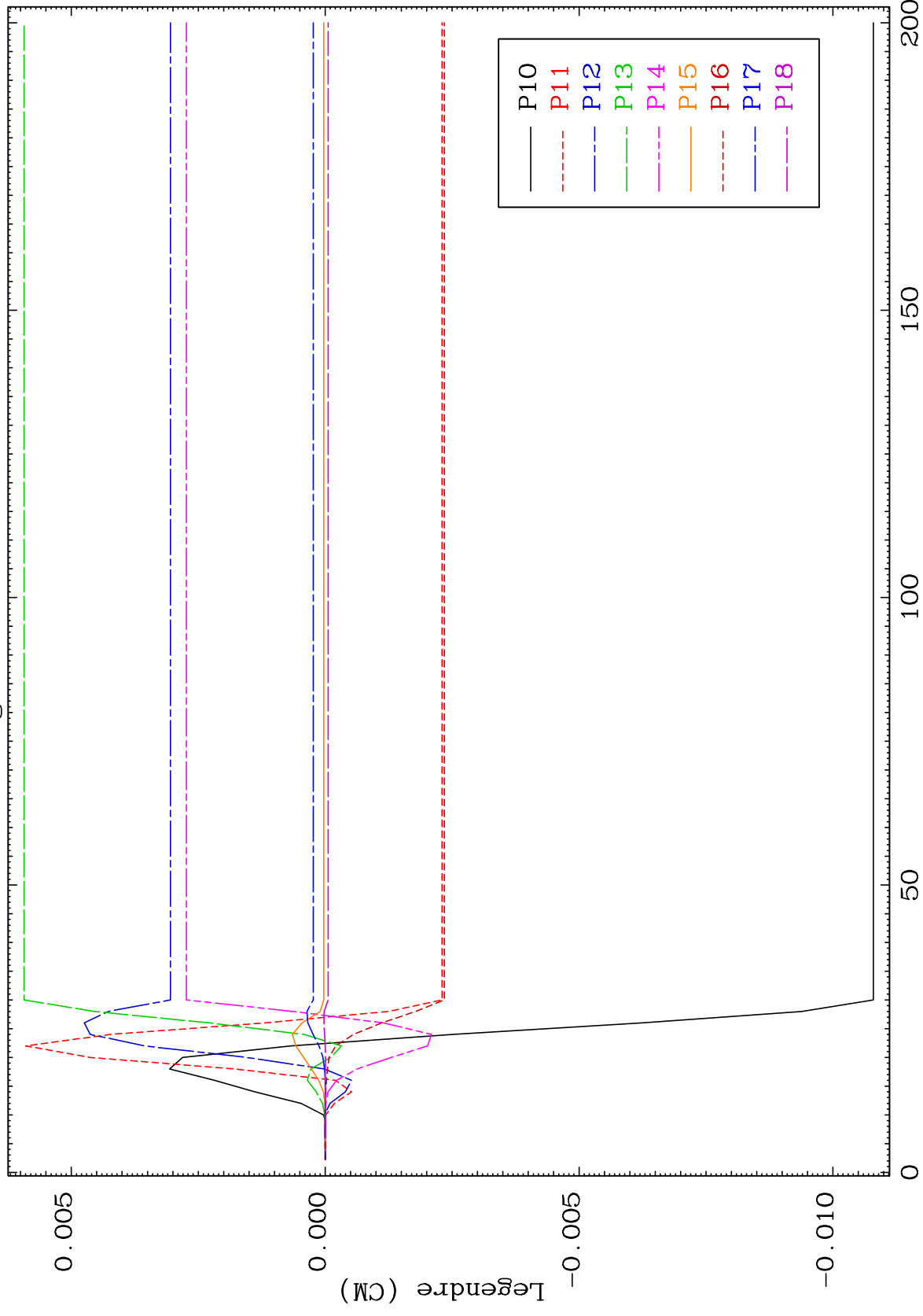
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

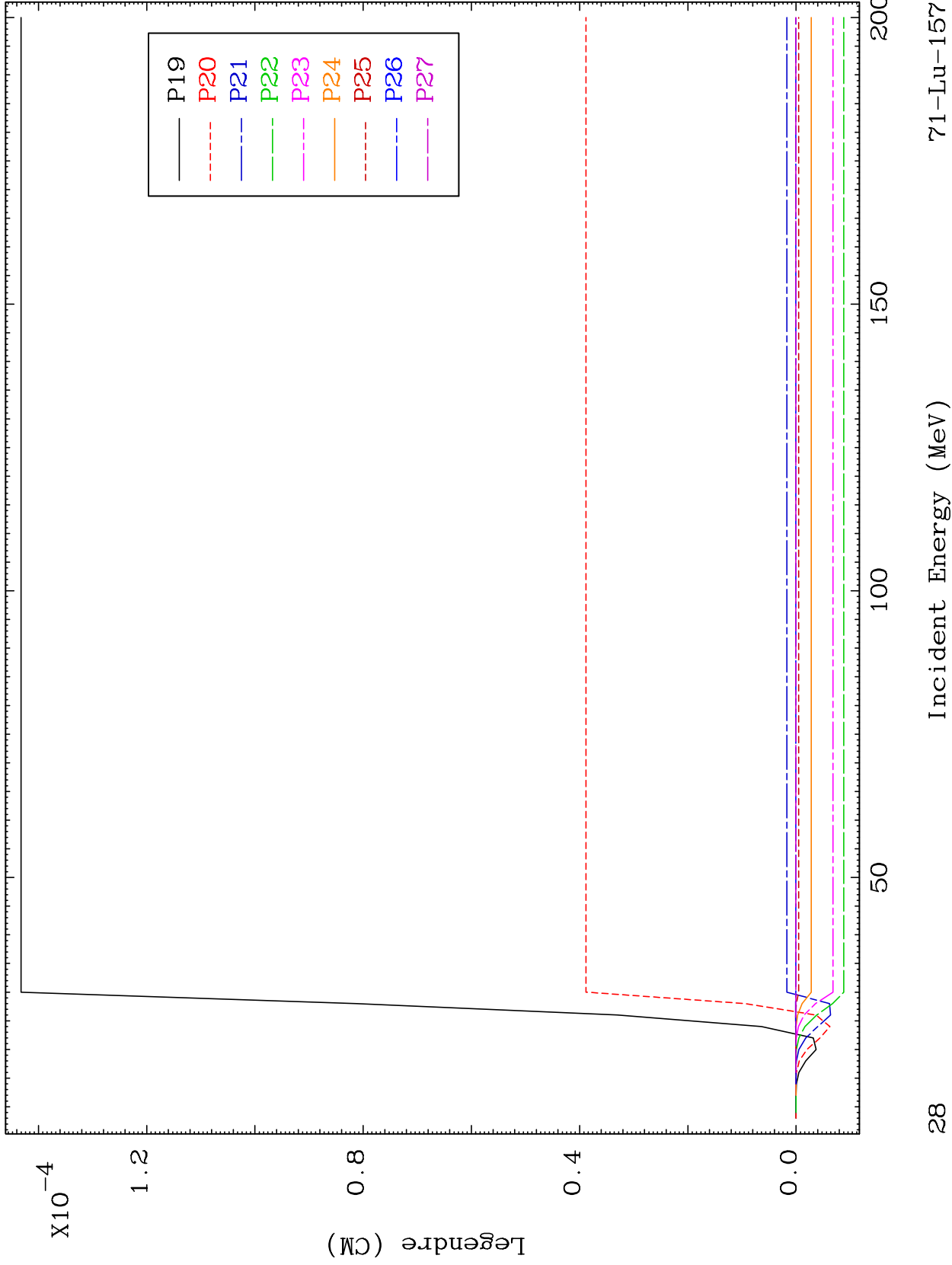
71-Lu-157



27

Incident Energy (MeV)

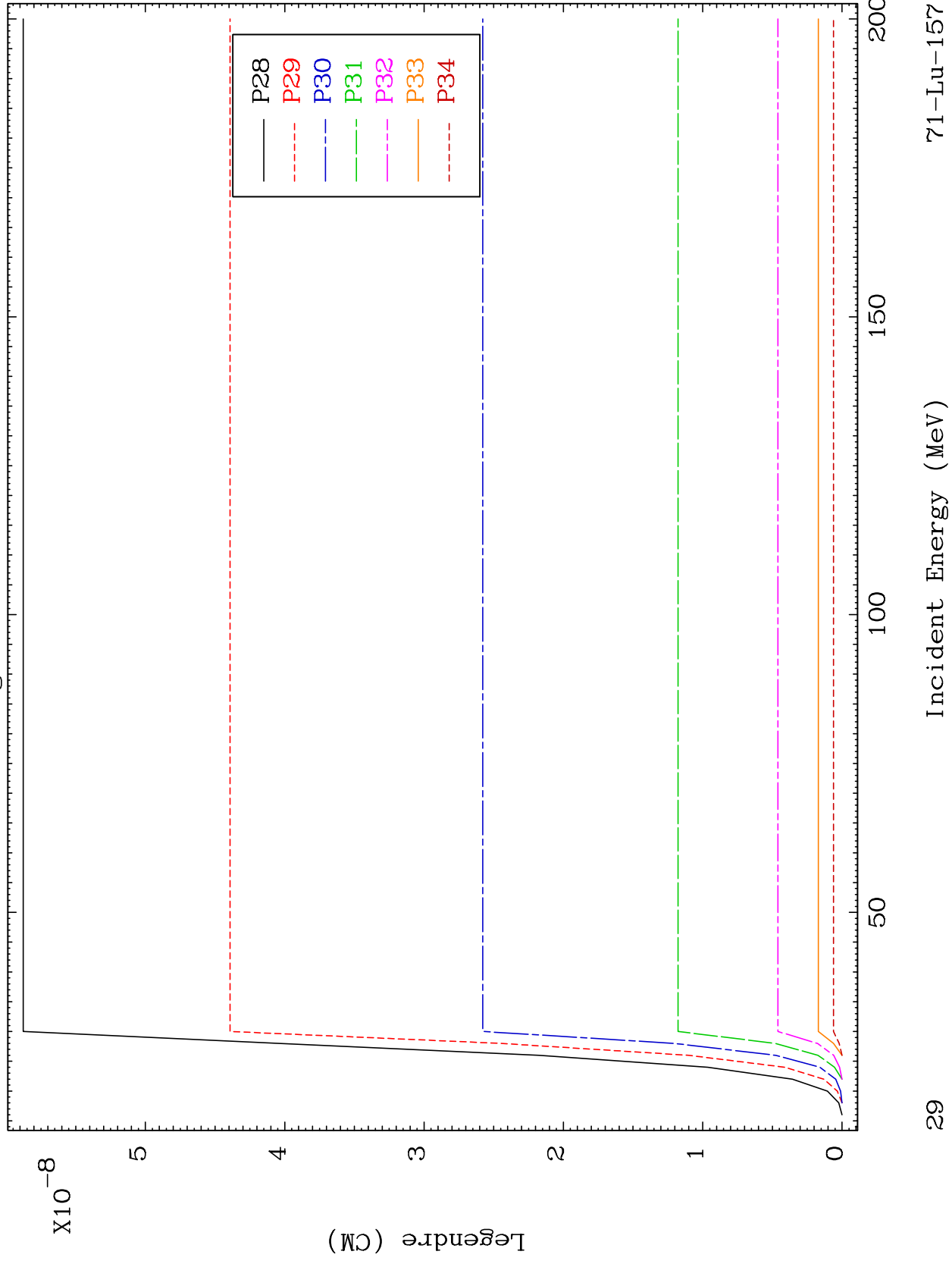
71-Lu-157



MAT 7071

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

71-Lu-157



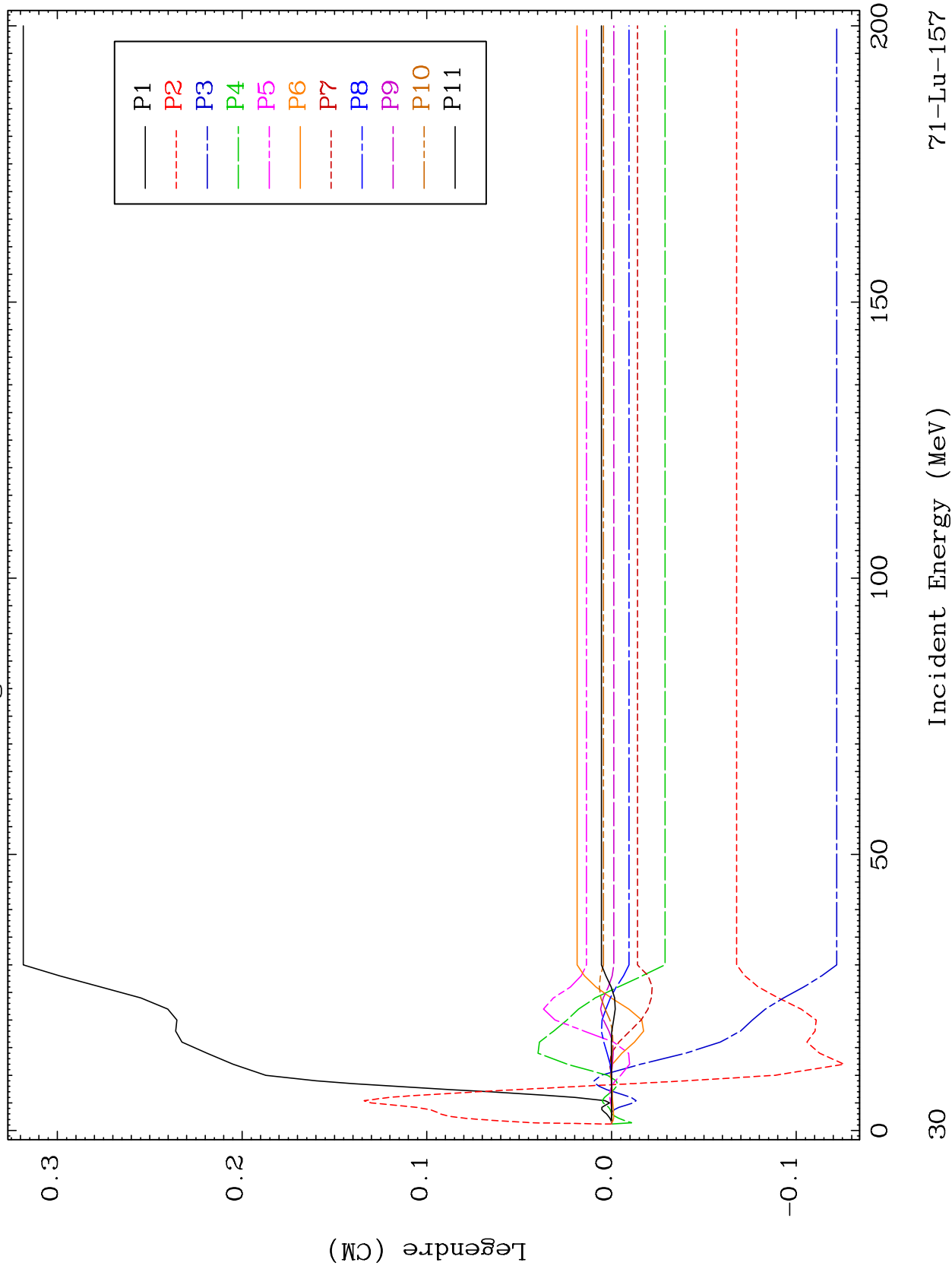
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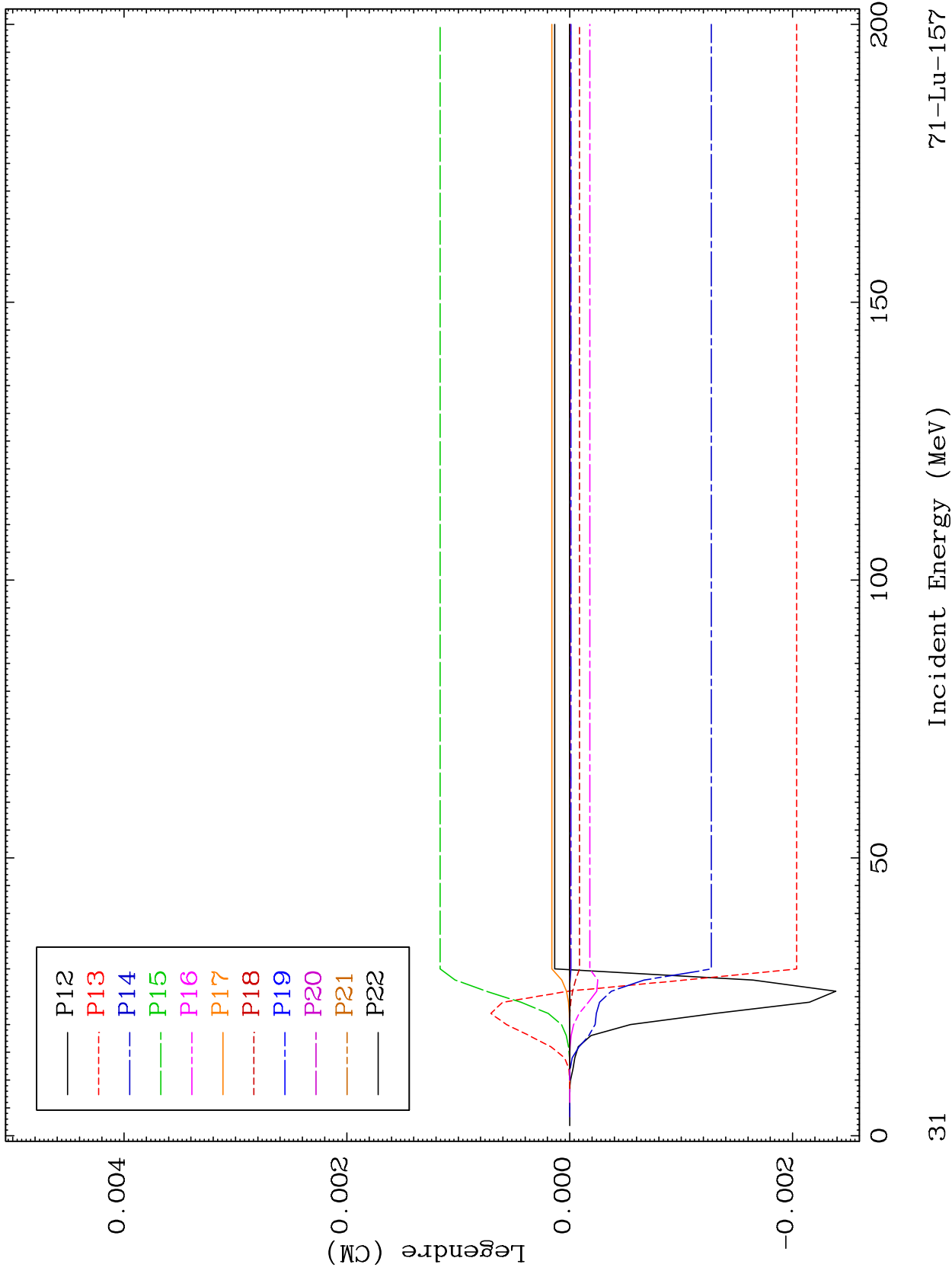
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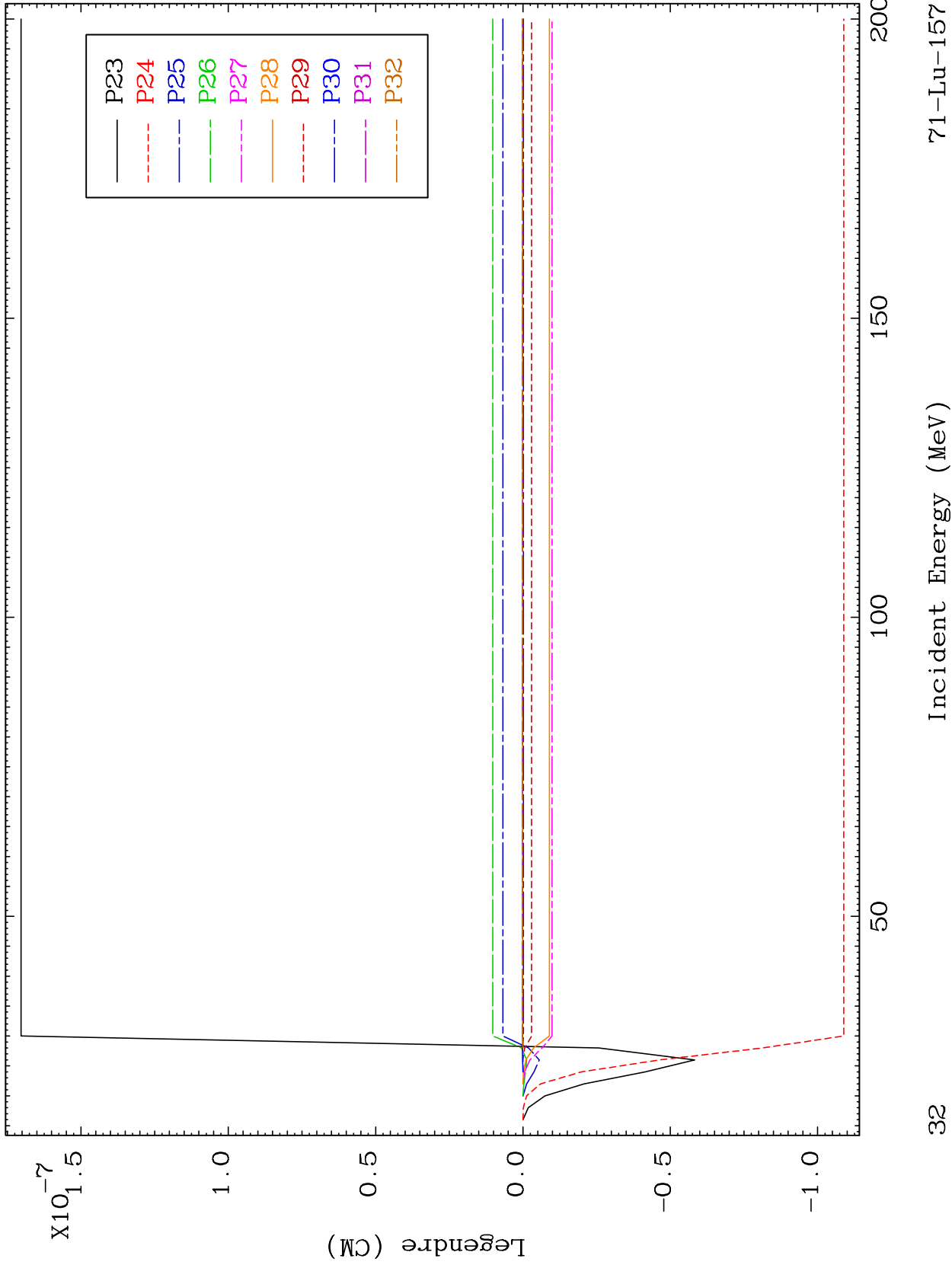
MAT 7071

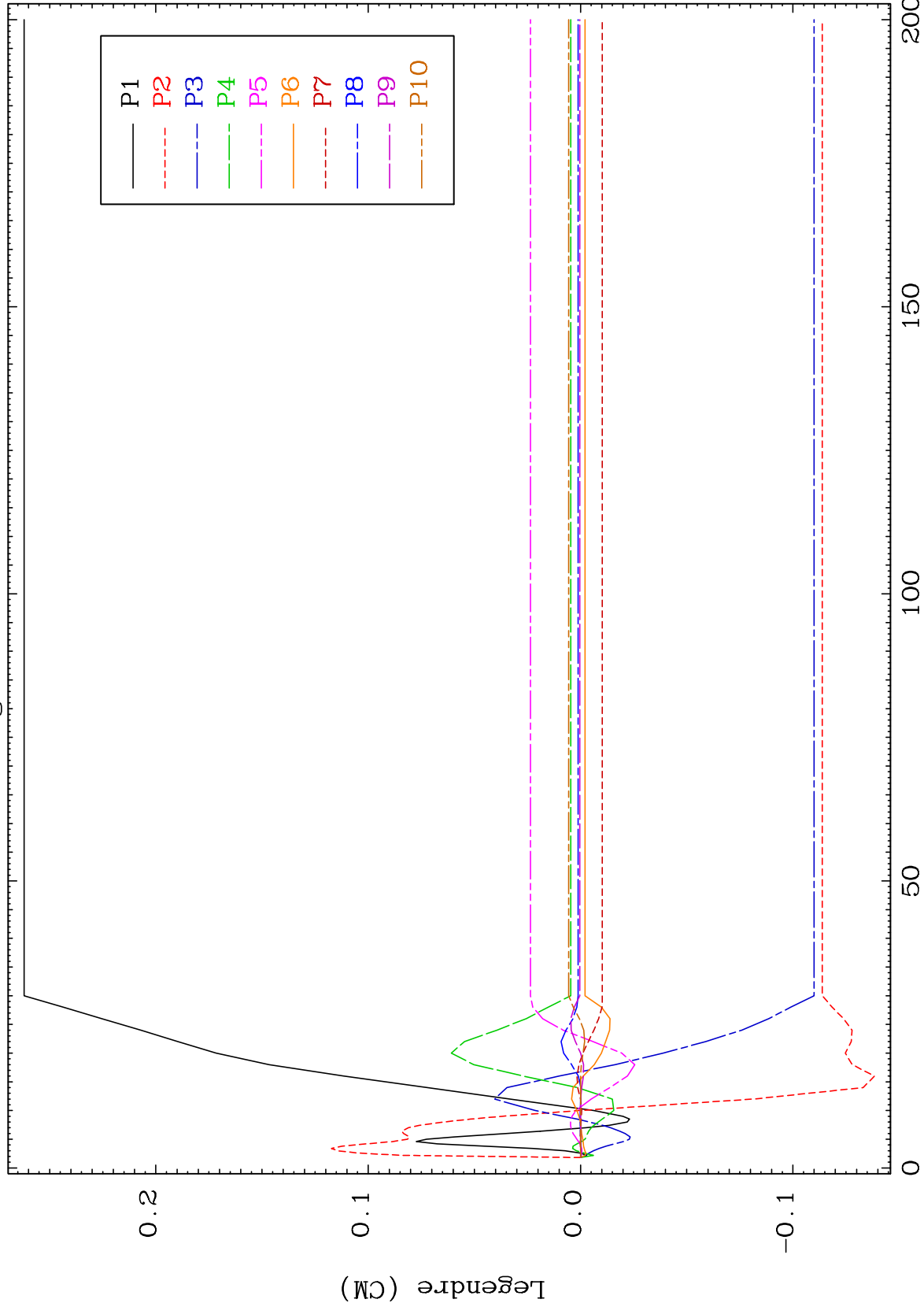
MT= 53 (n,n') Level
Legendre Coefficients

71-Lu-157





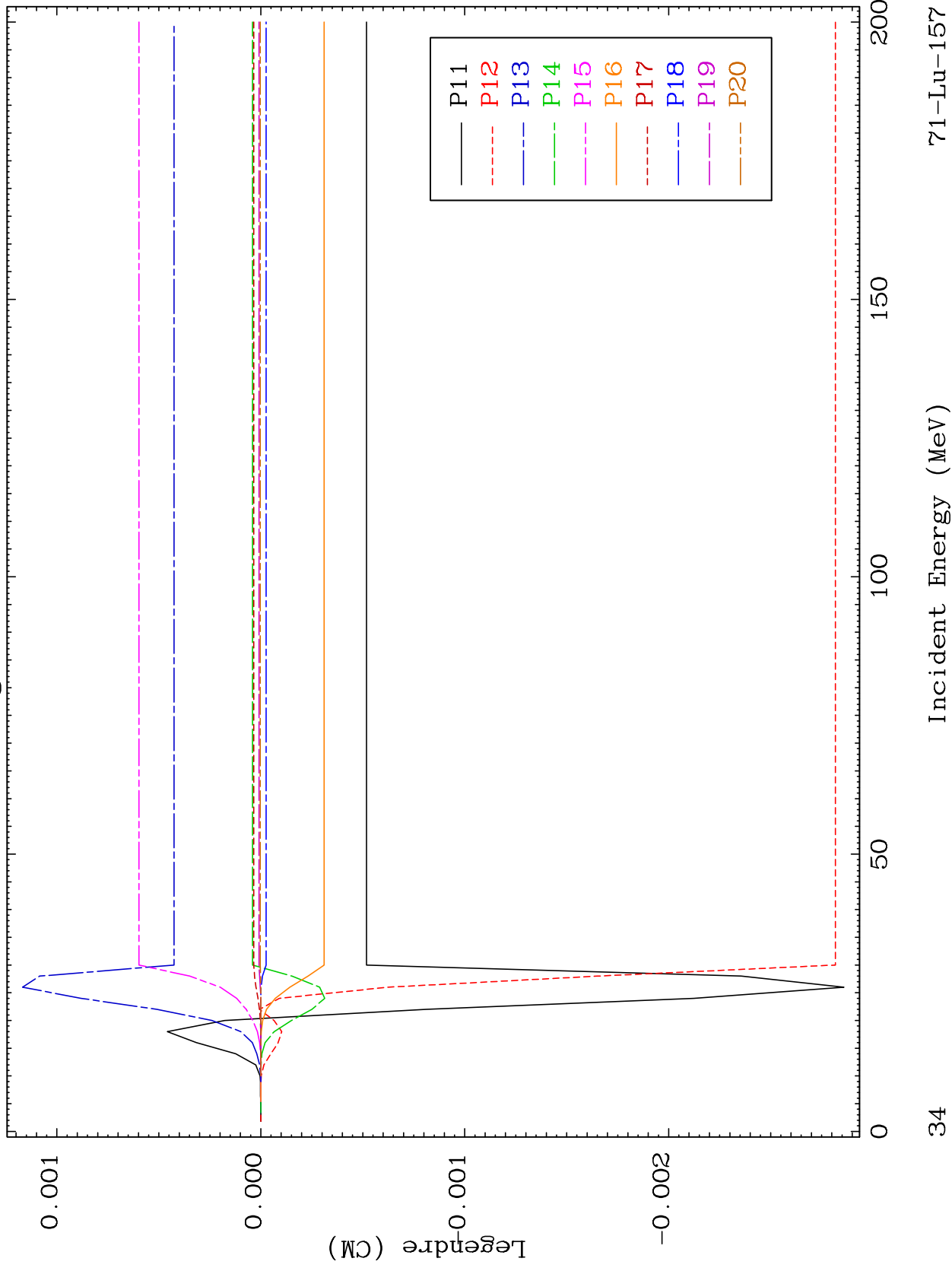




MAT 7071

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

71-Lu-157



34

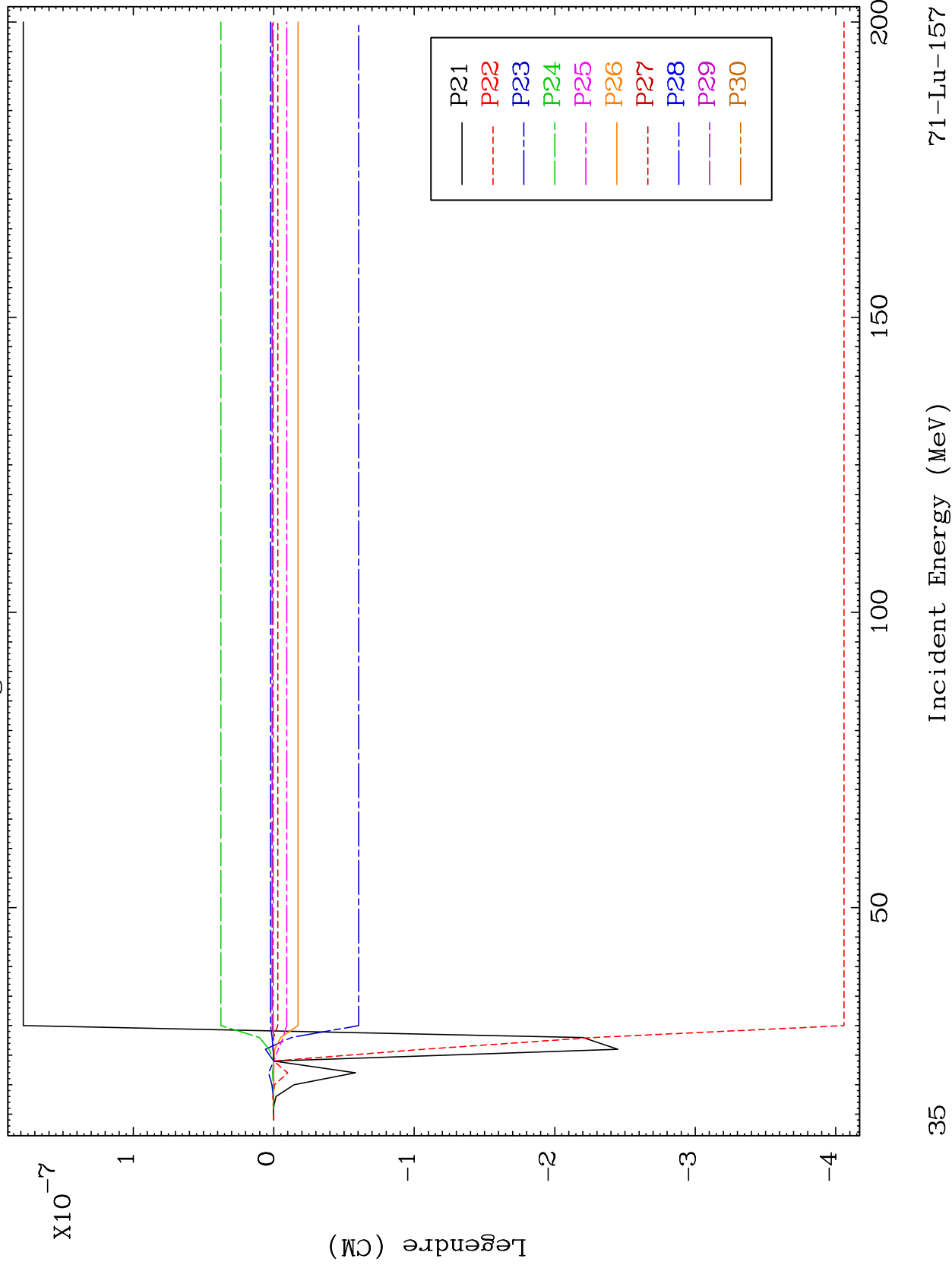
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



35

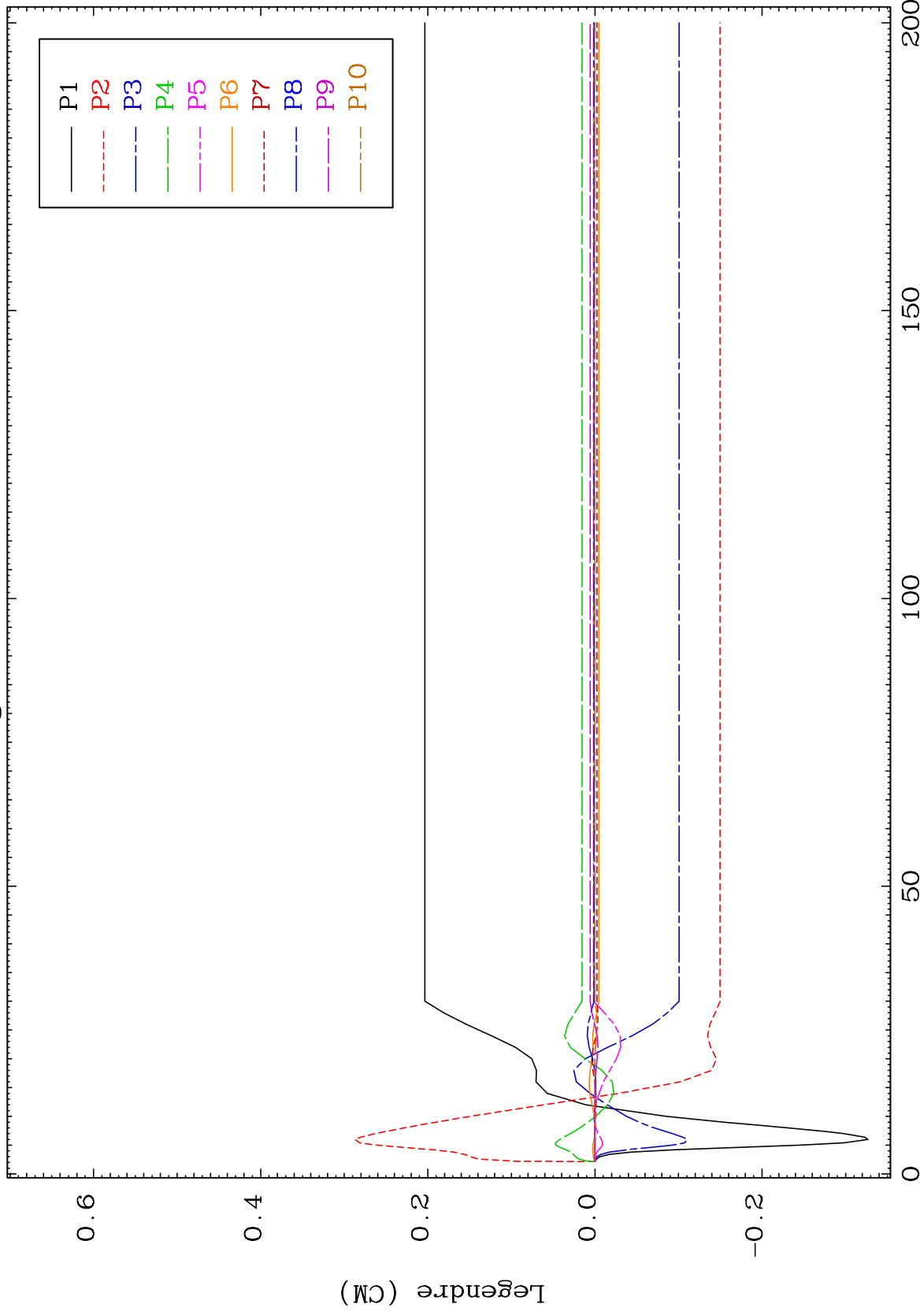
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



36

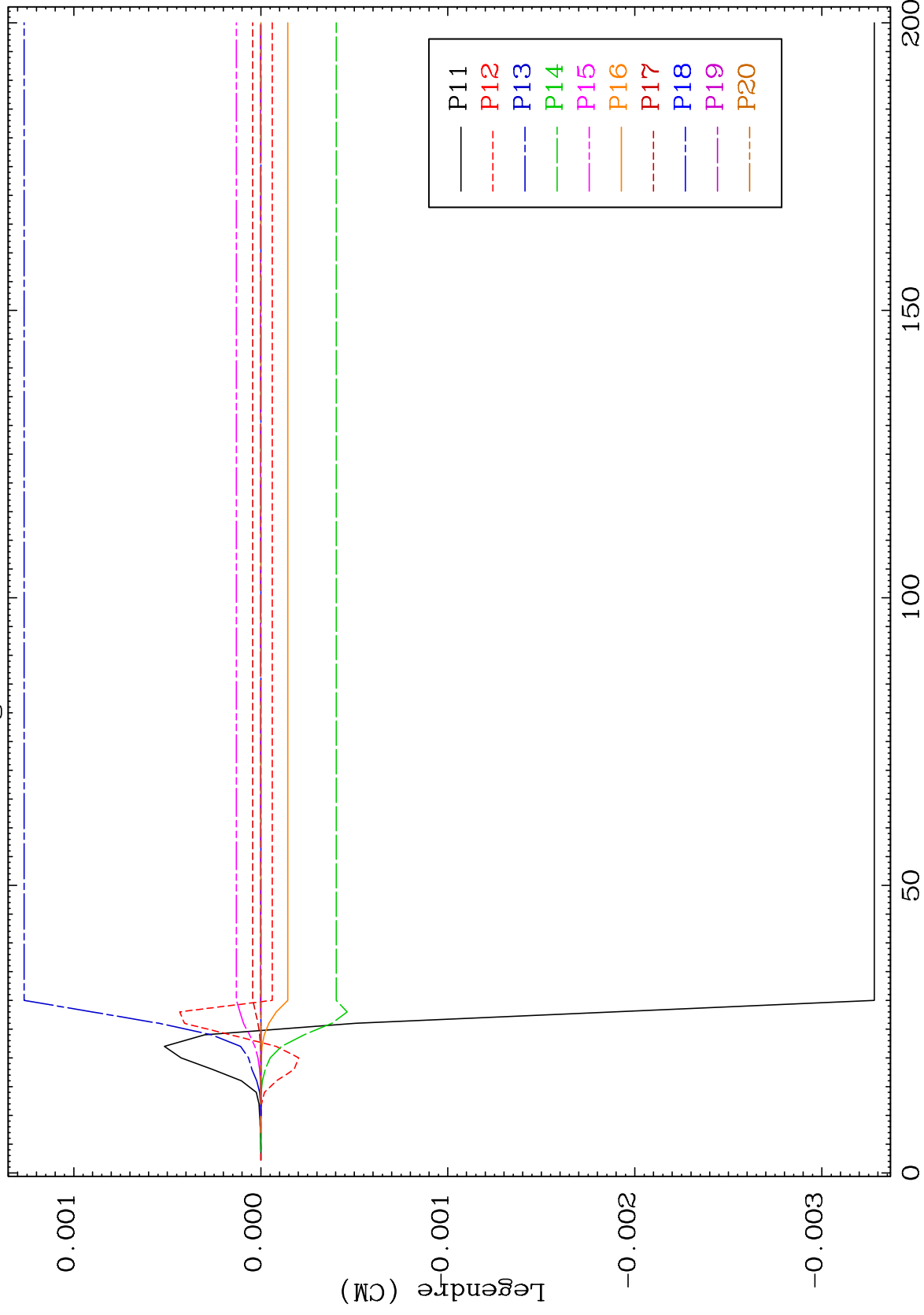
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



37

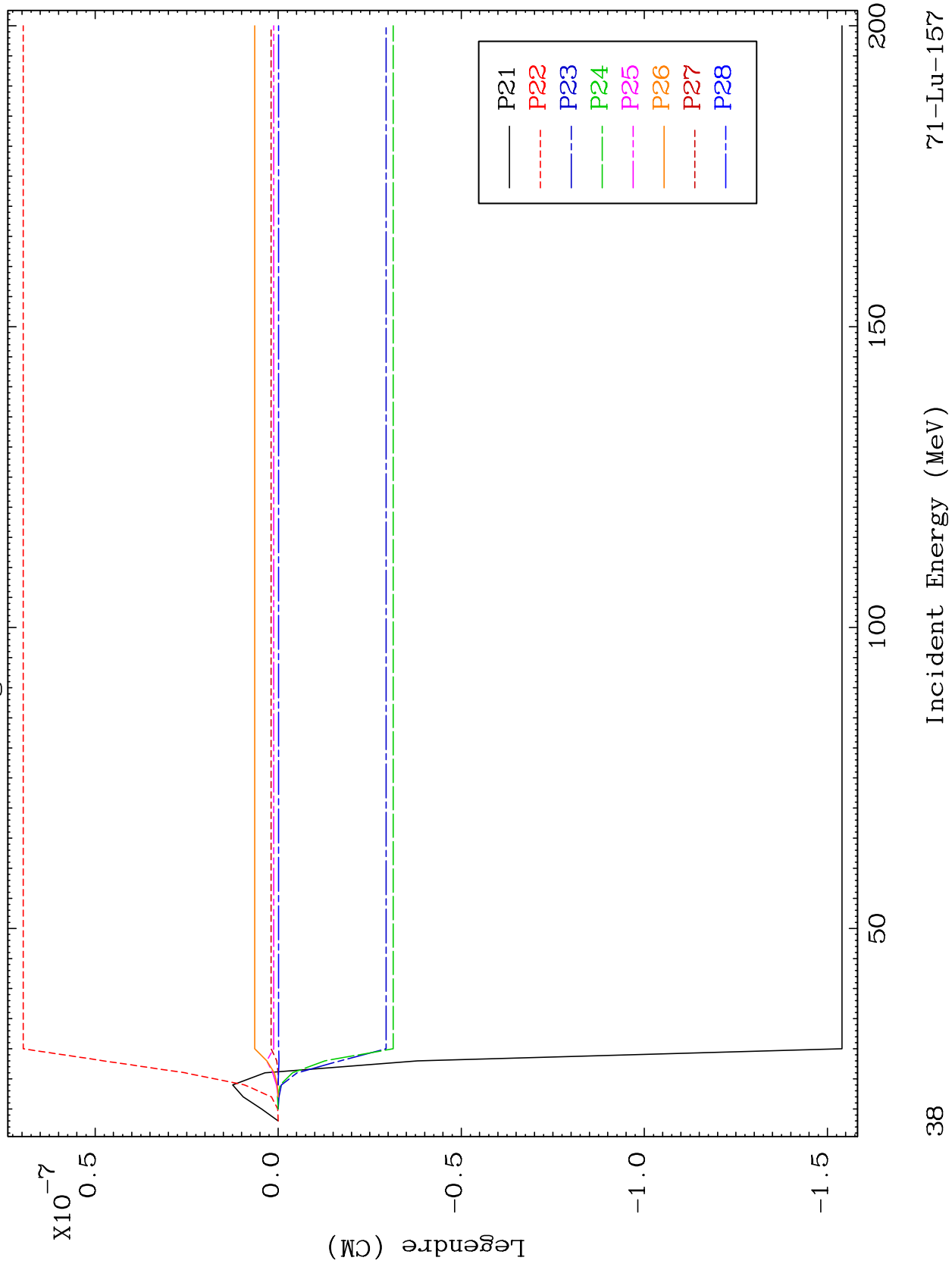
Incident Energy (MeV)

71-Lu-157

MAT 7071

71-Lu-157

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



38

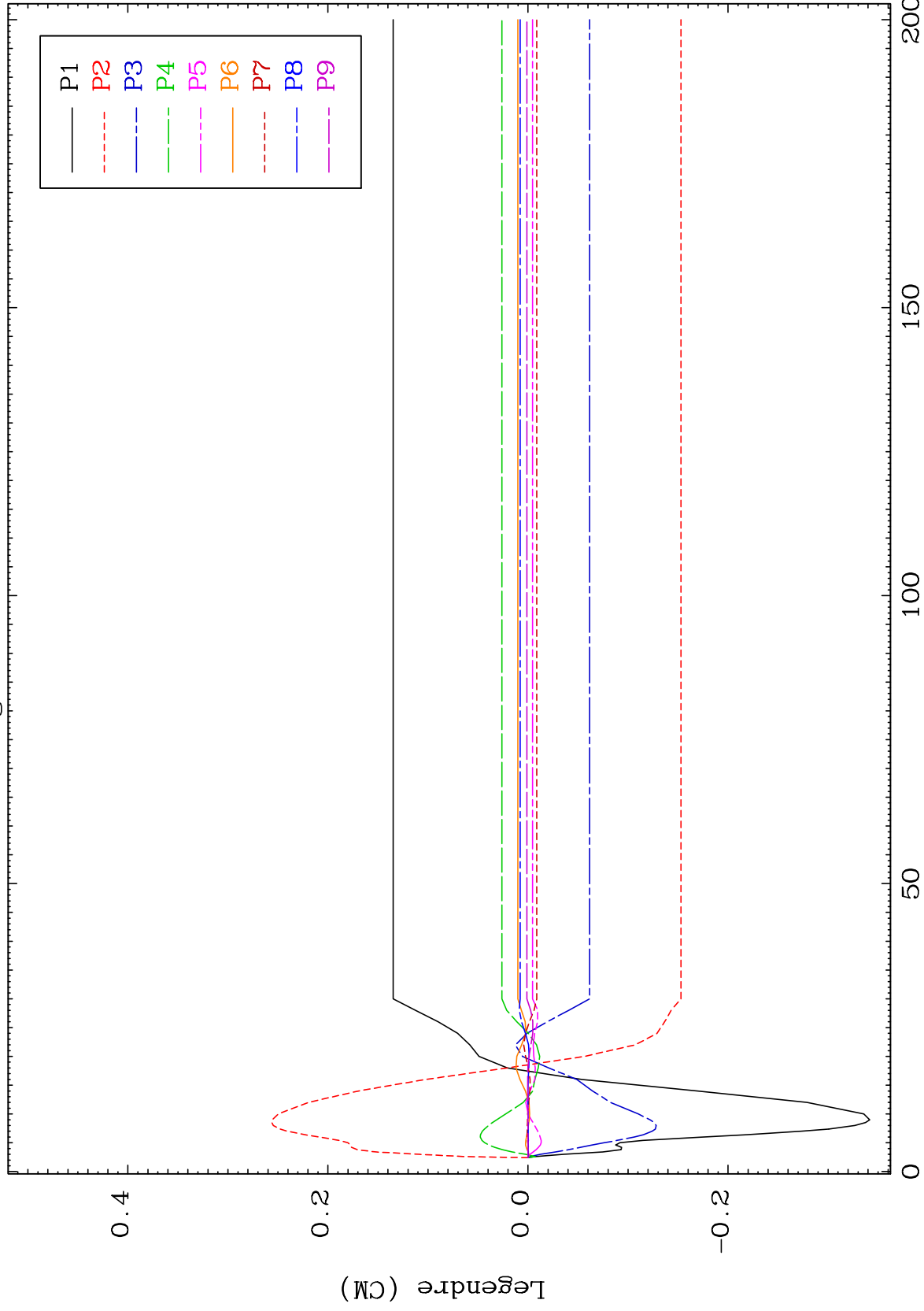
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



39

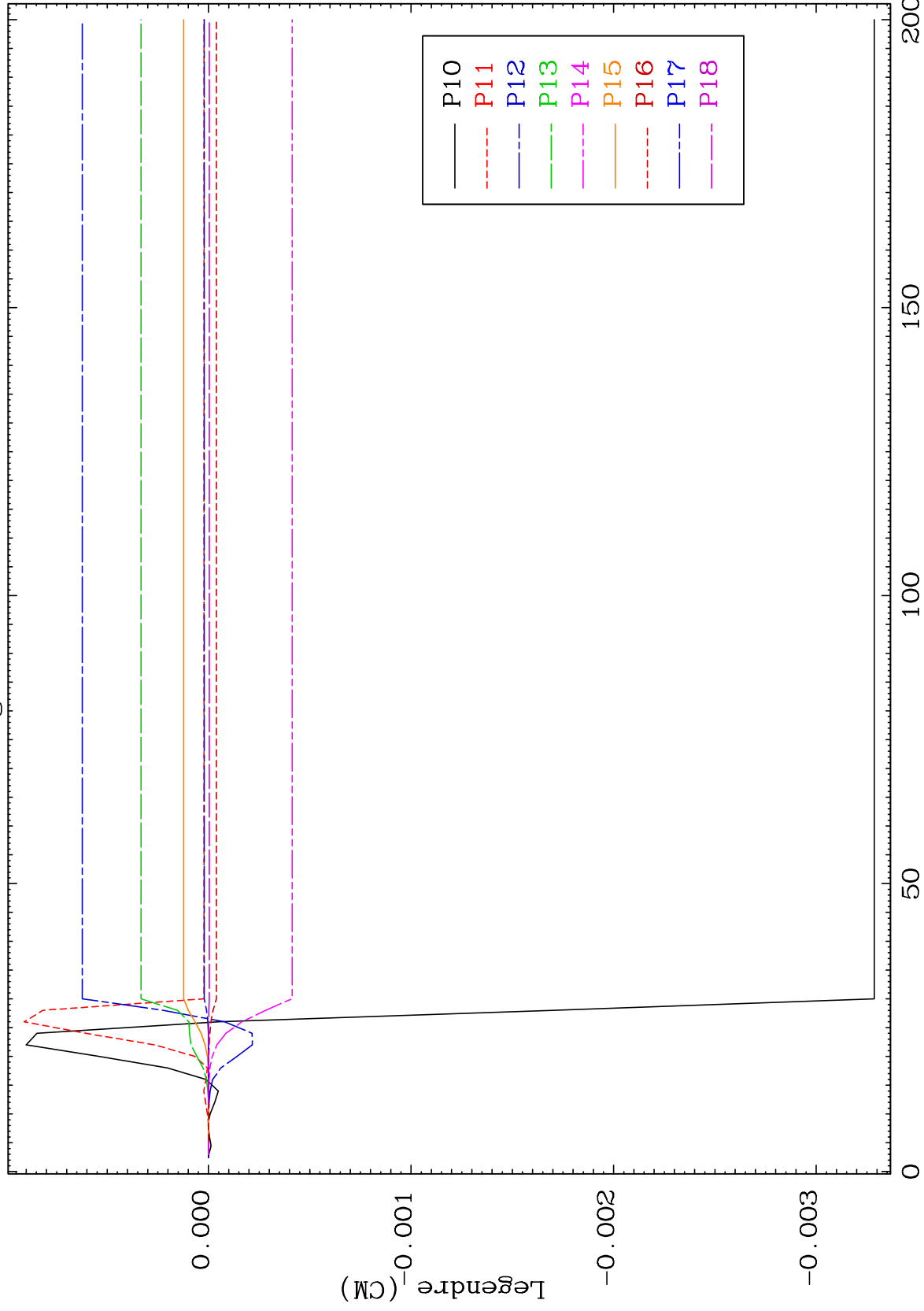
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



40

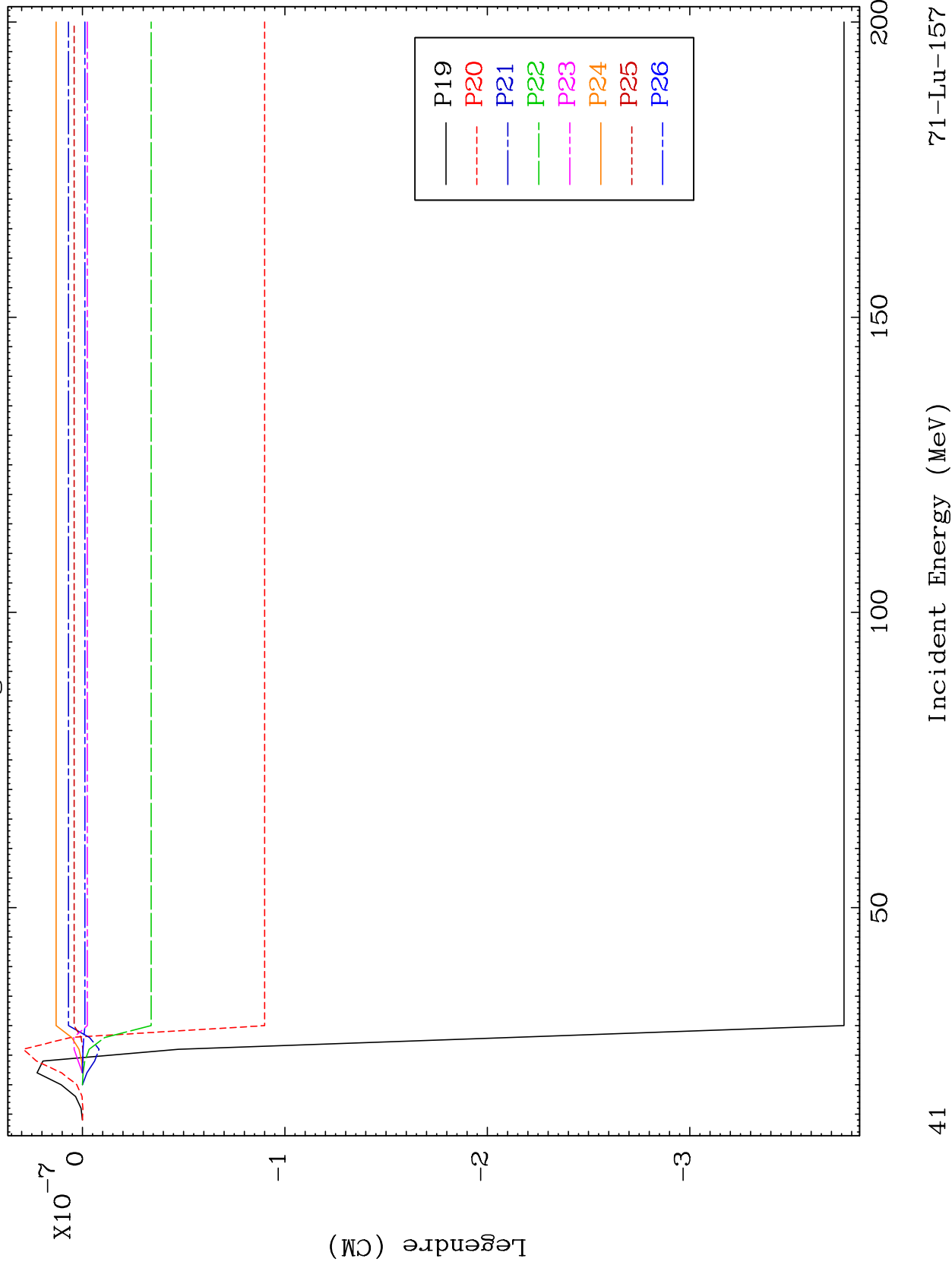
Incident Energy (MeV)

71-Lu-157

MAT 7071

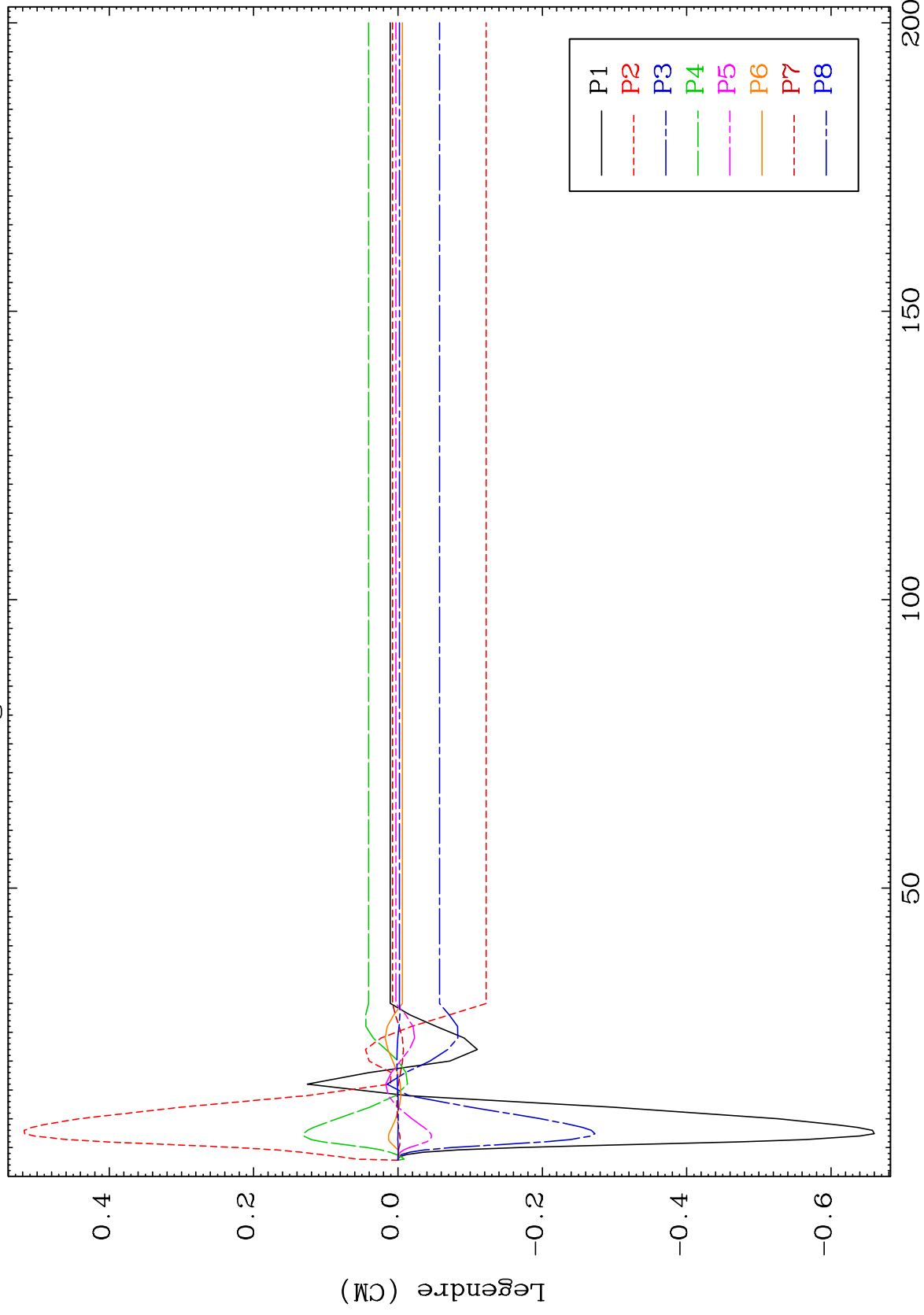
71-Lu-157

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



41

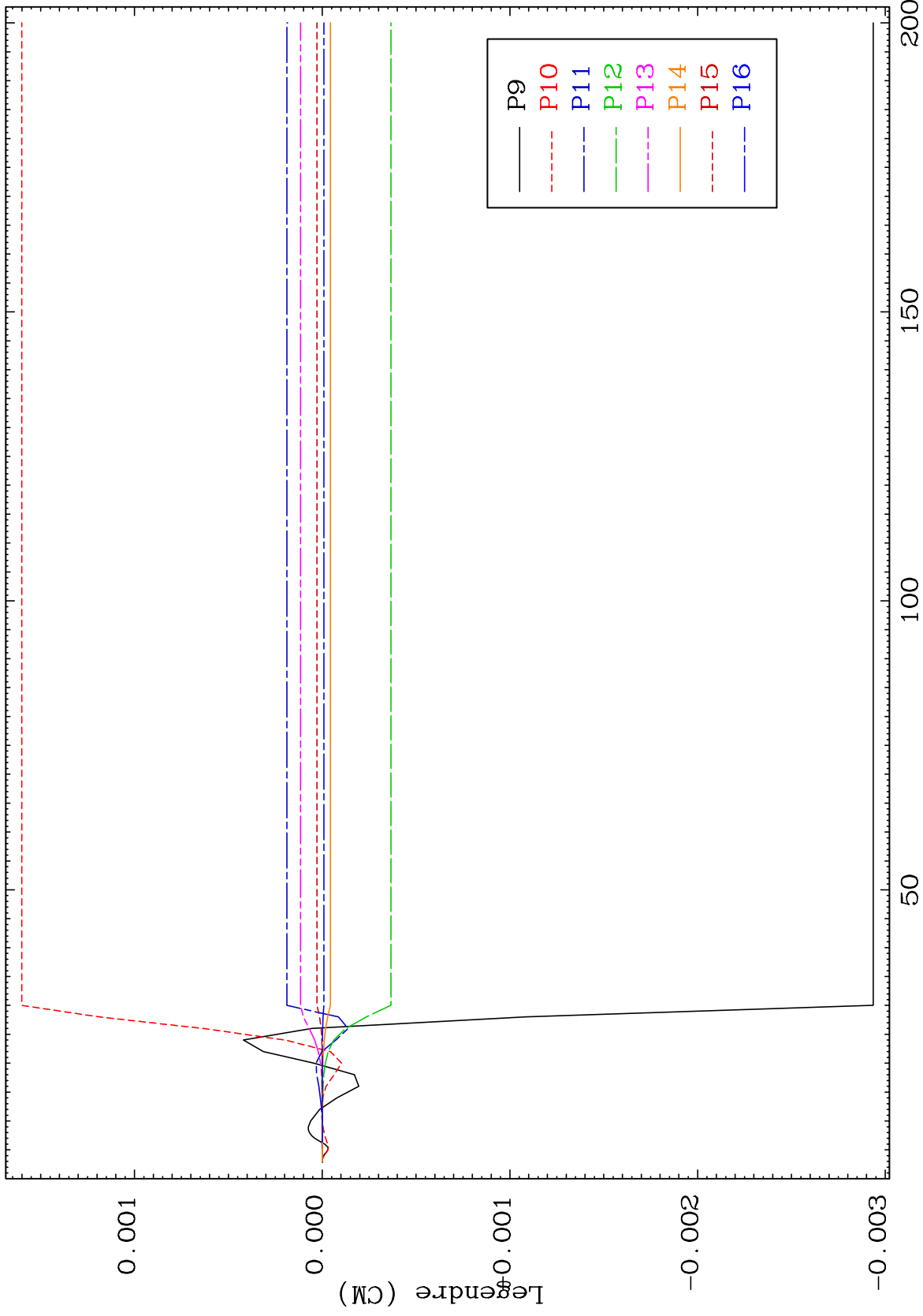
71-Lu-157



MAT 7071

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

71-Lu-157



43

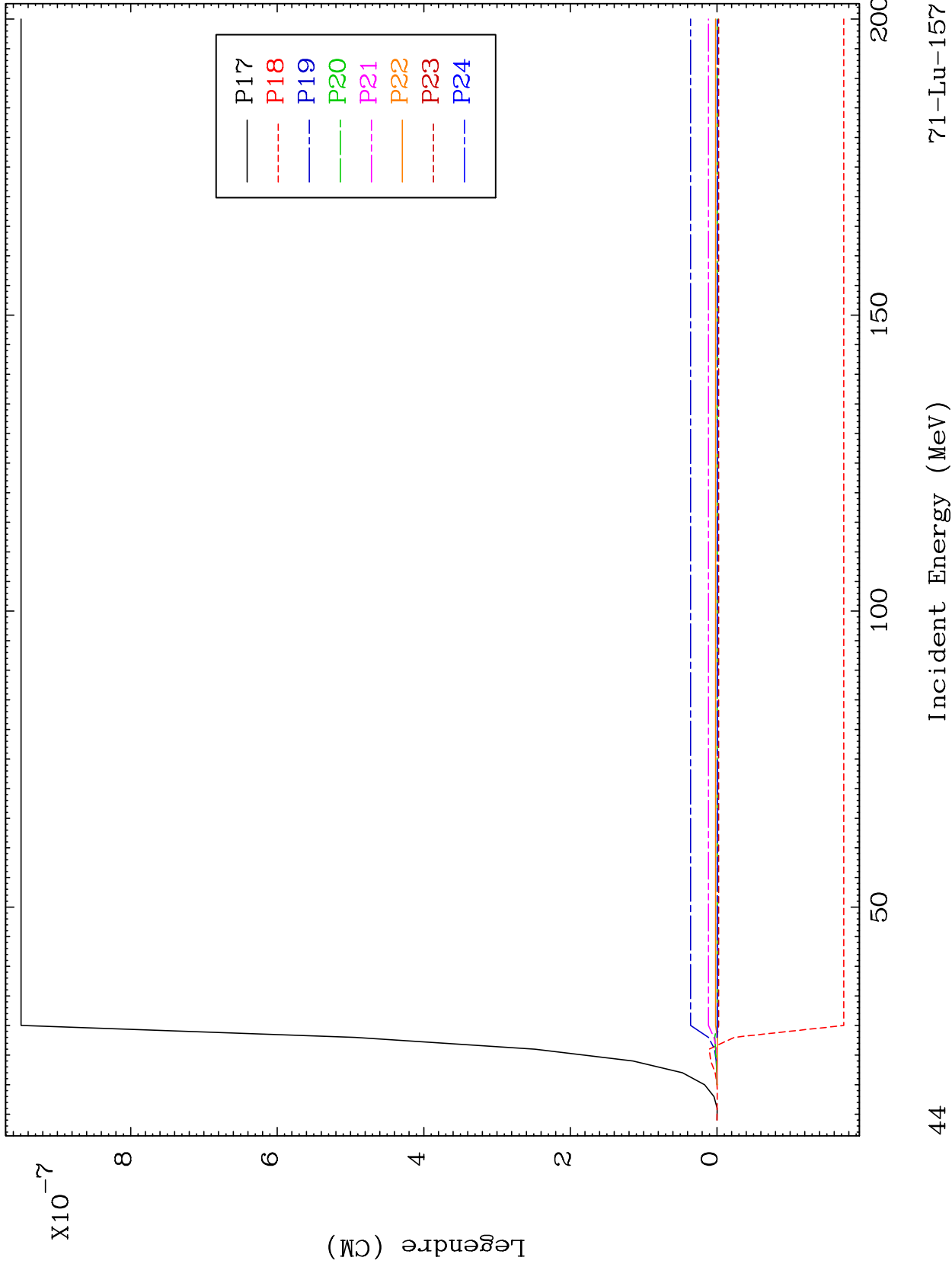
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

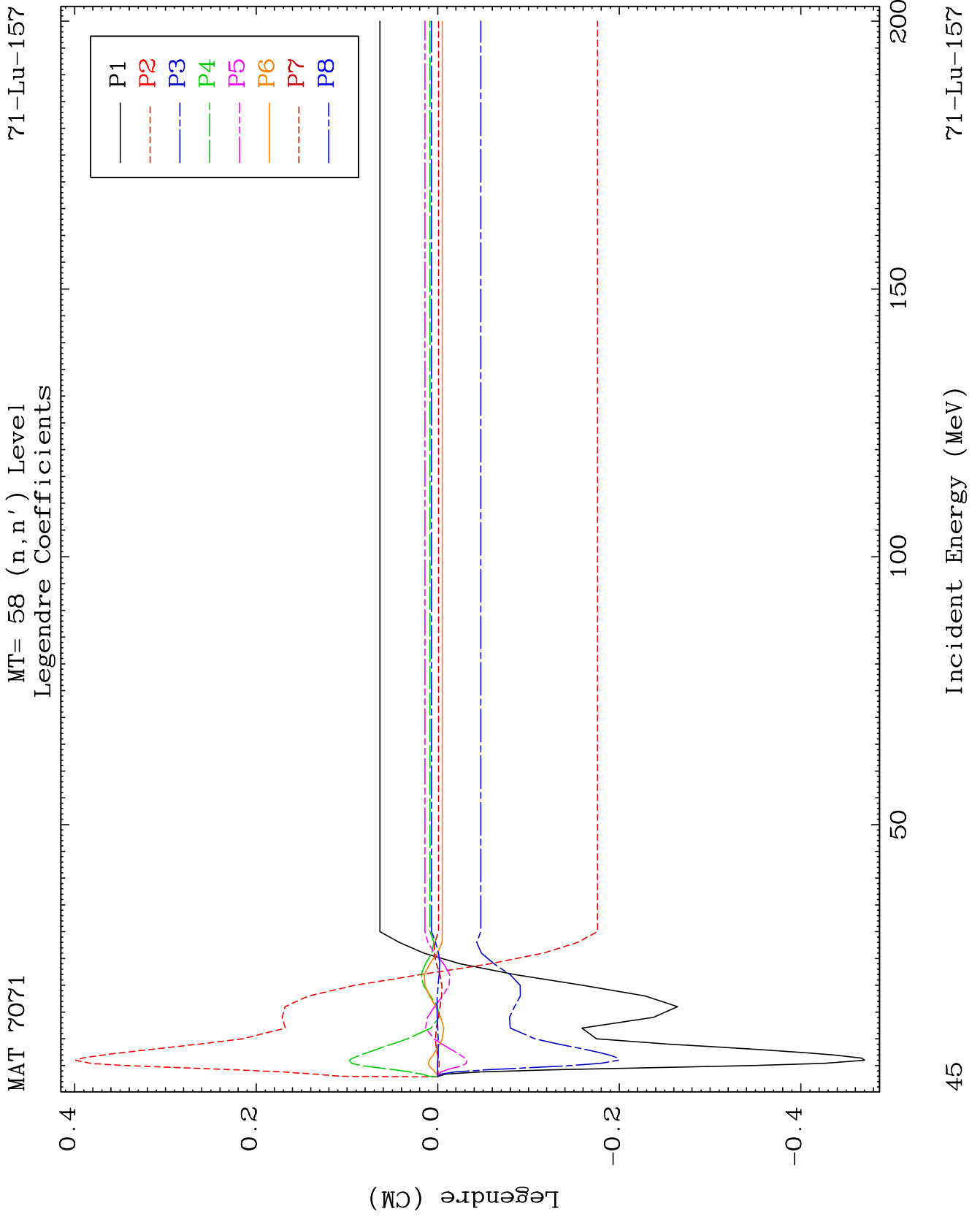
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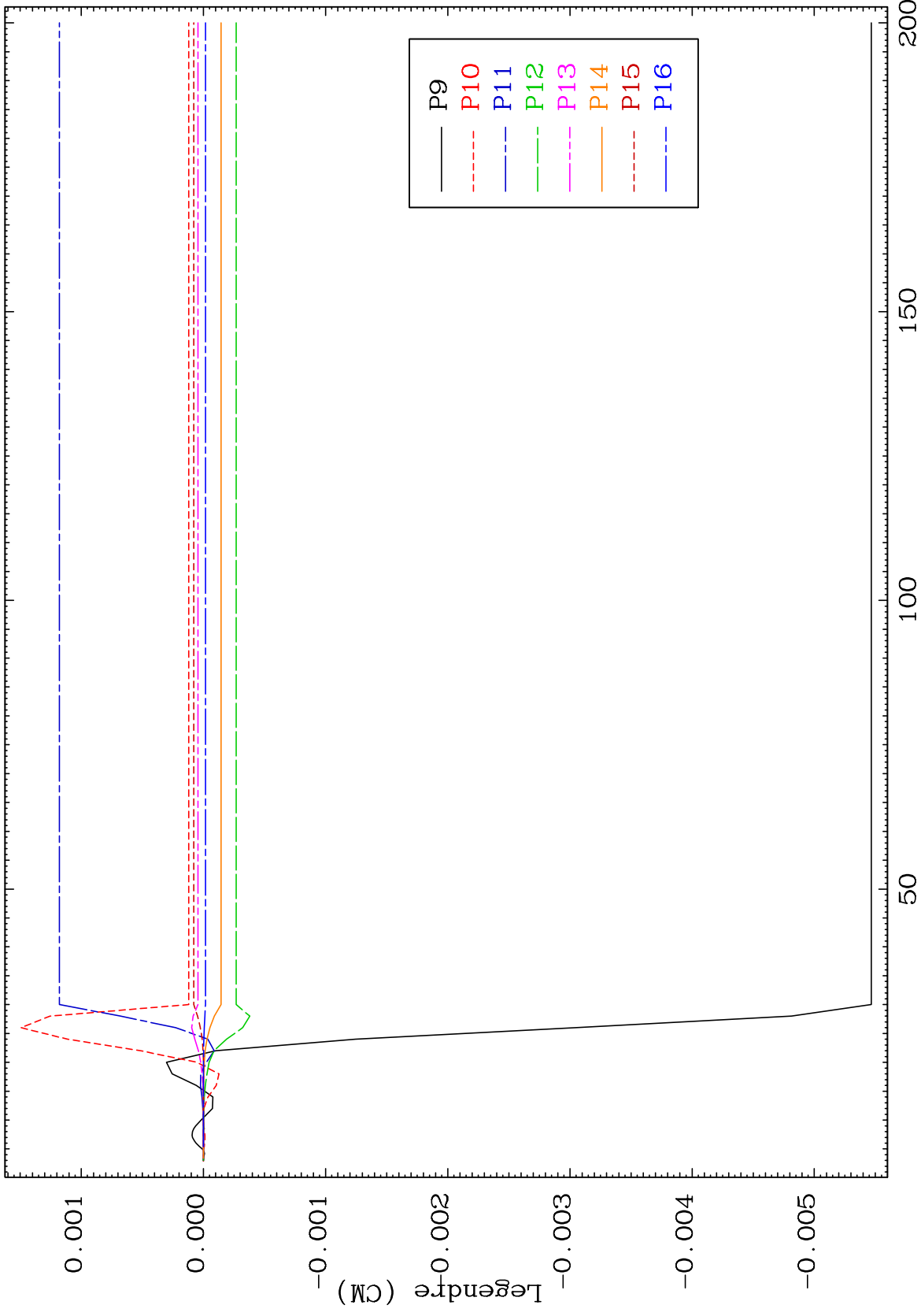


44

Incident Energy (MeV)

71-Lu-157

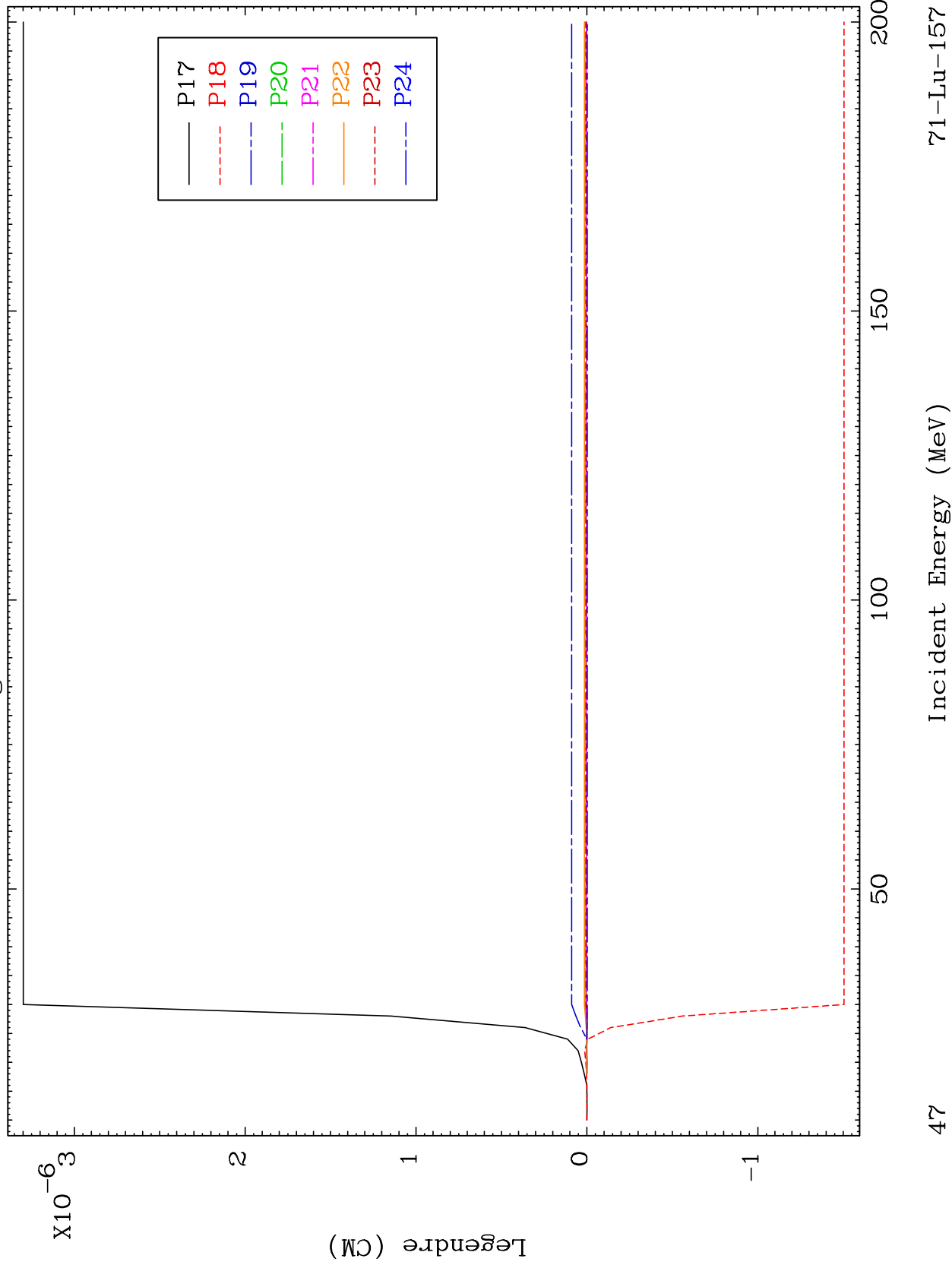




MAT 7071

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

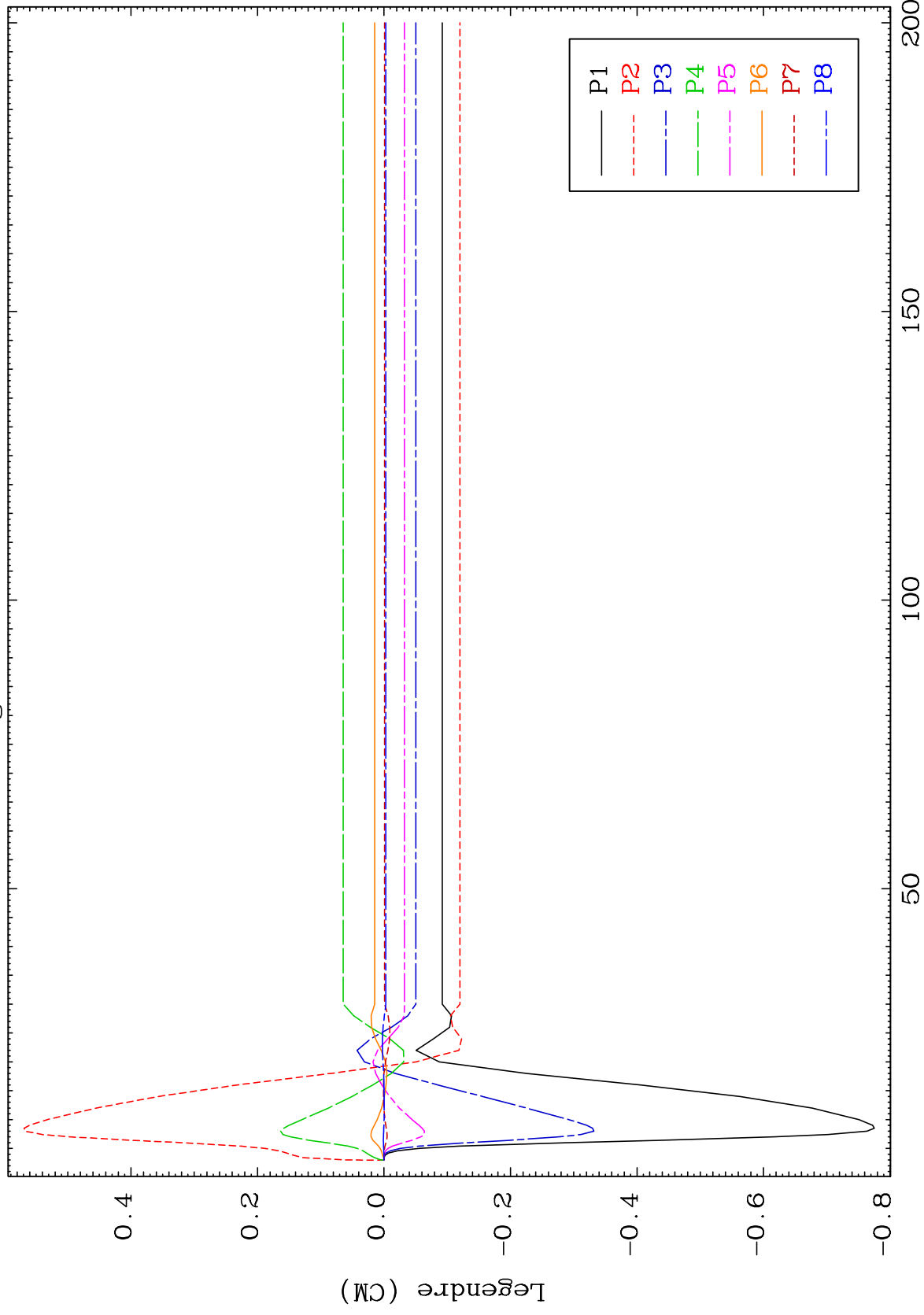
71-Lu-157



MAT 7071

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

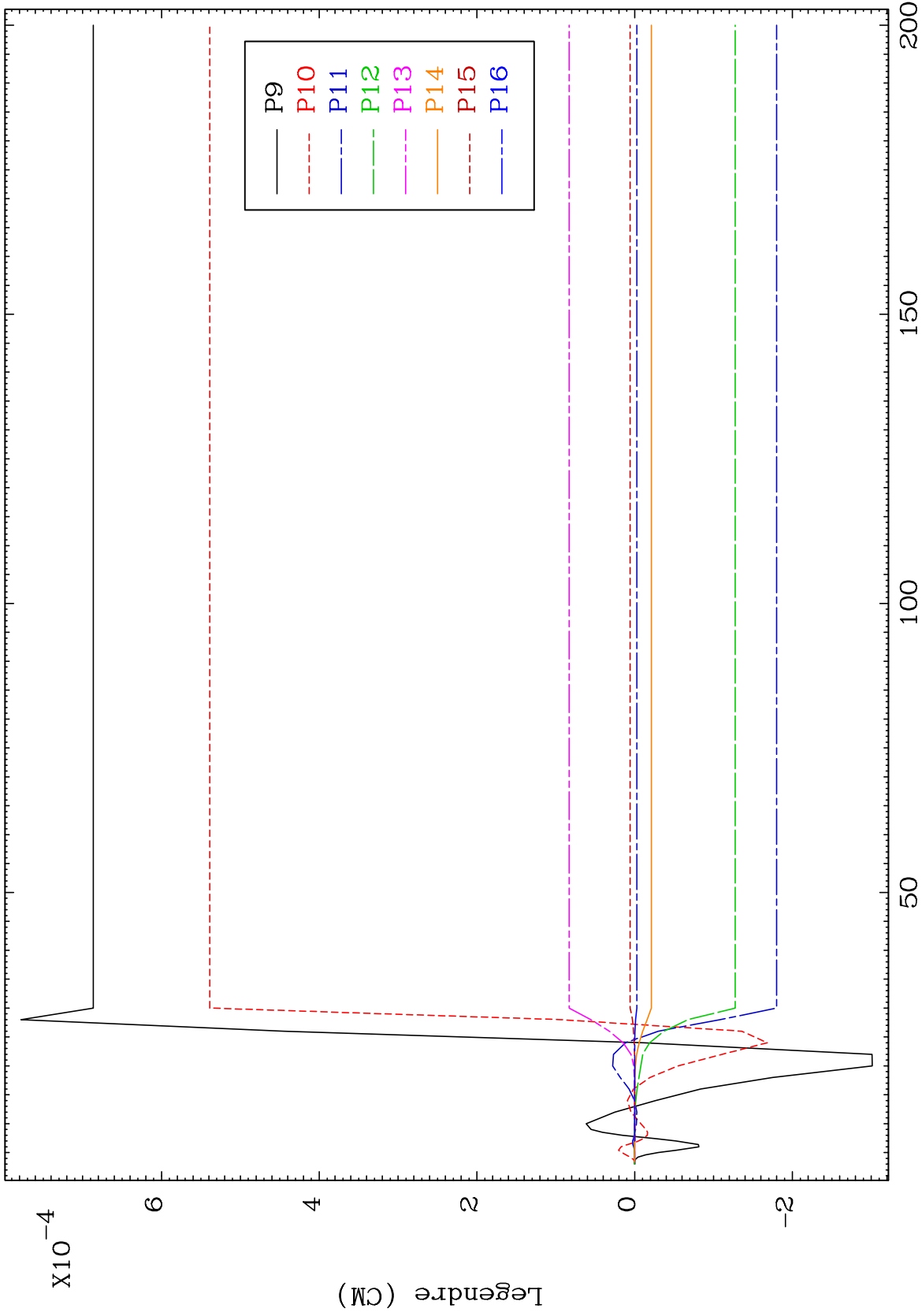
71-Lu-157



48

Incident Energy (MeV)

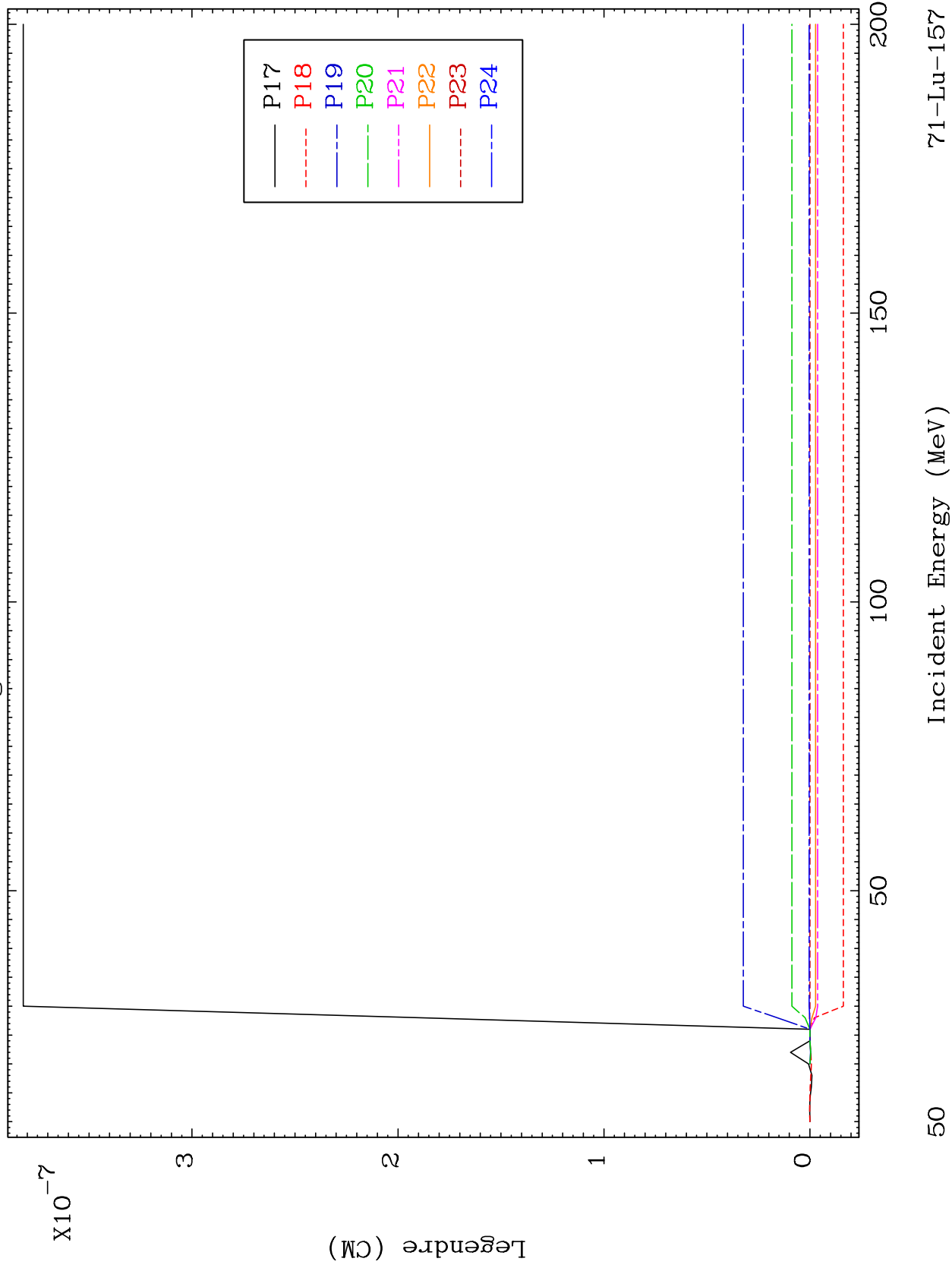
71-Lu-157



MAT 7071

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

71-Lu-157



71-Lu-157

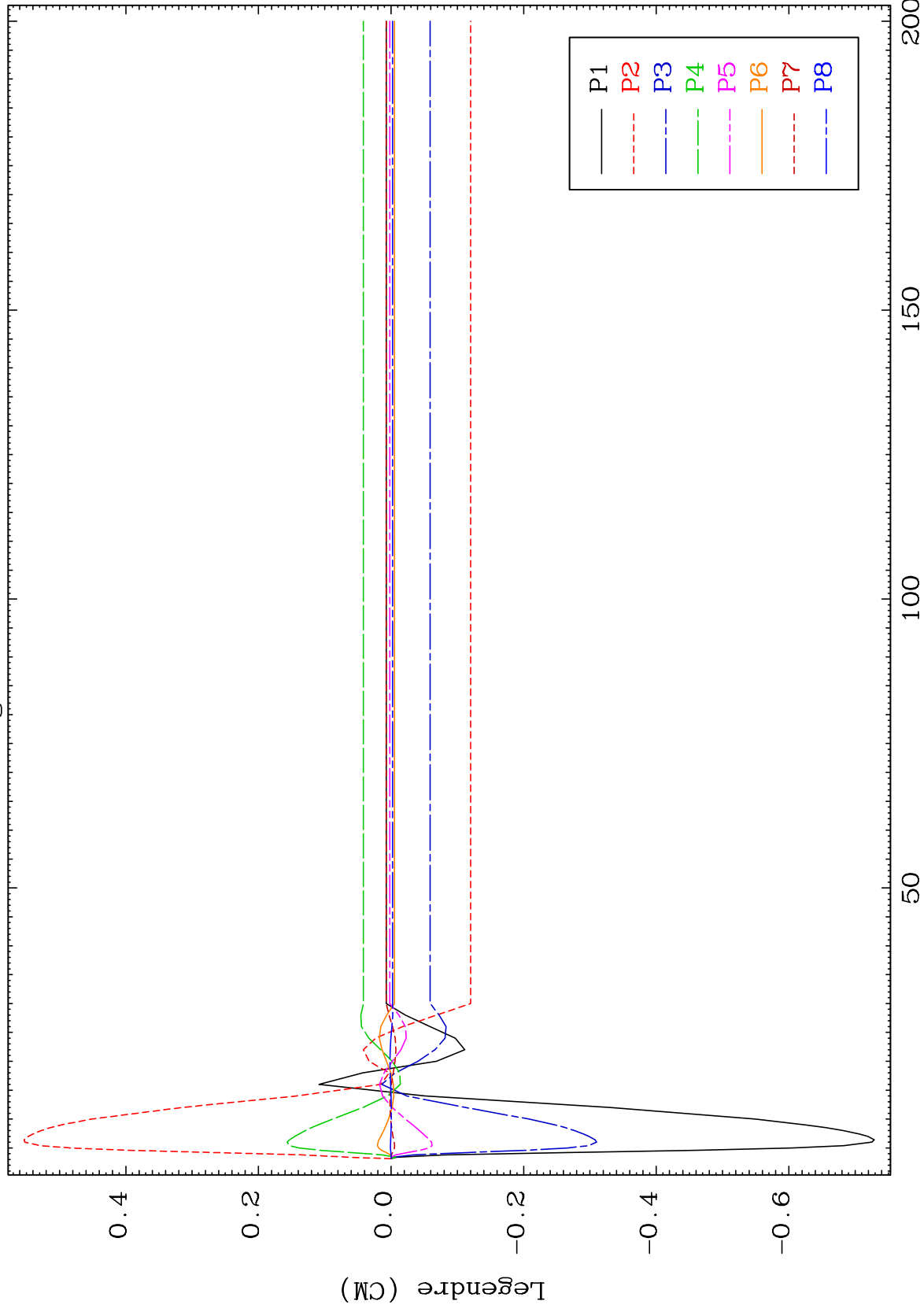
Incident Energy (MeV)

50

MAT 7071

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

71-Lu-157



51

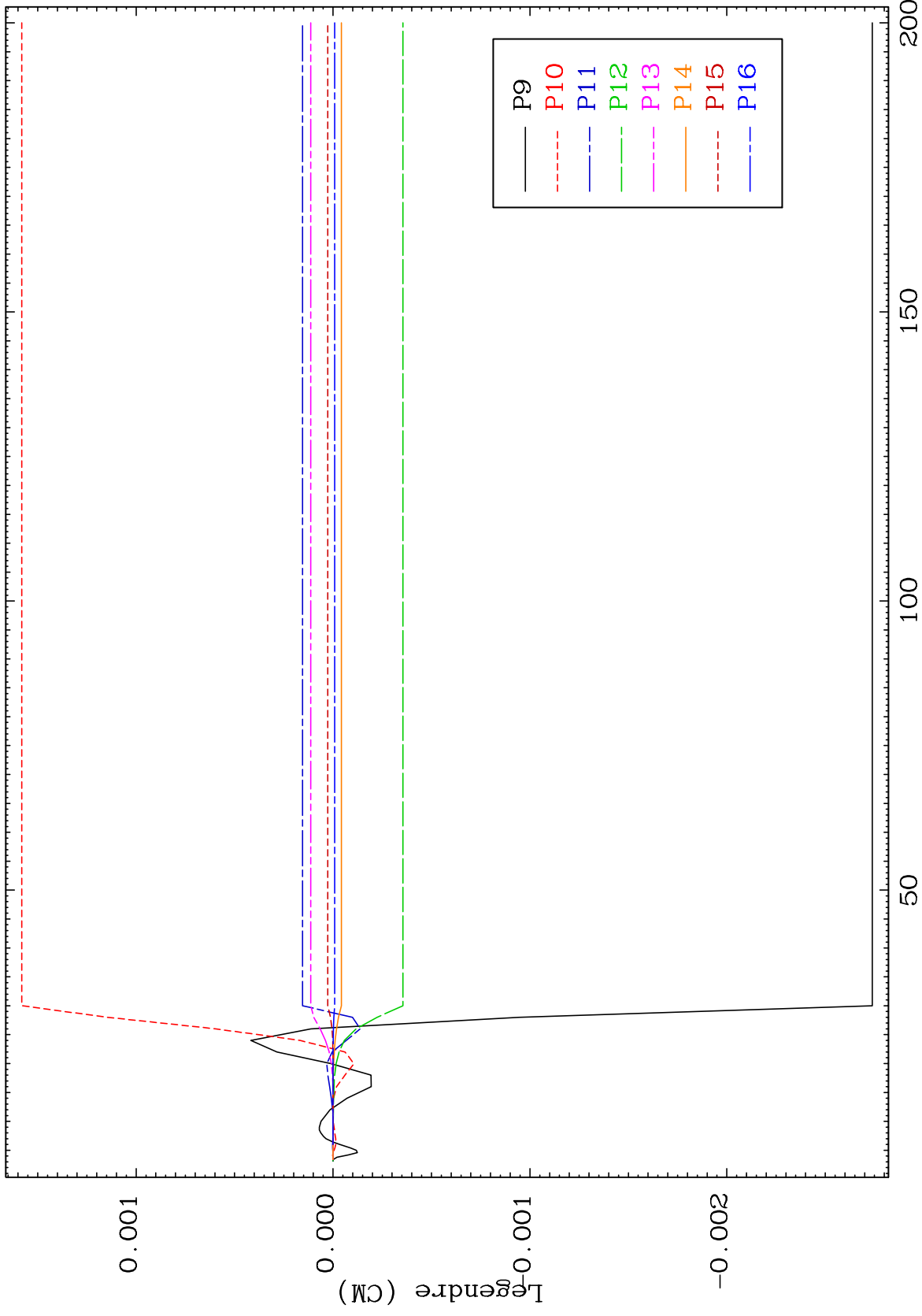
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

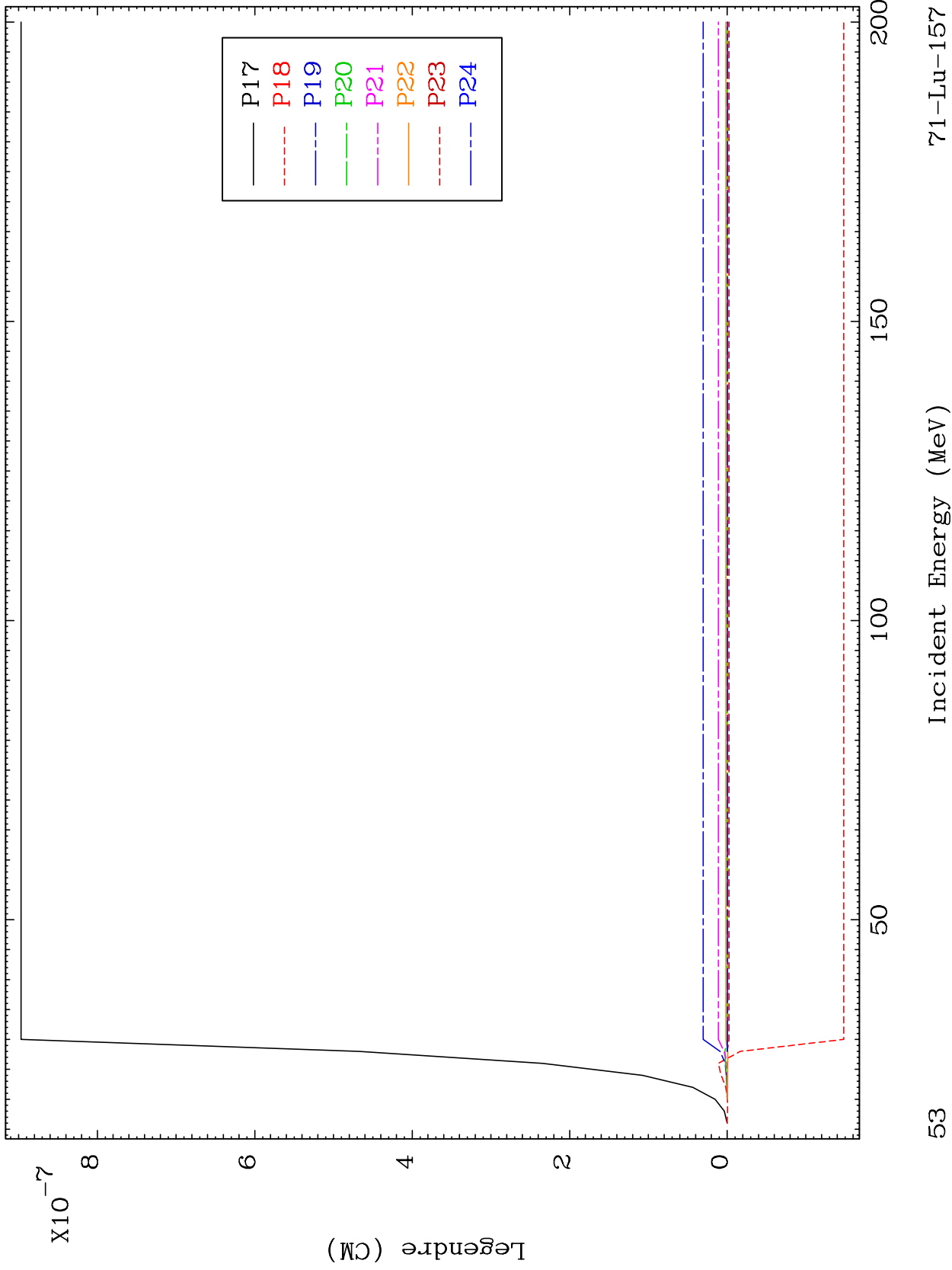
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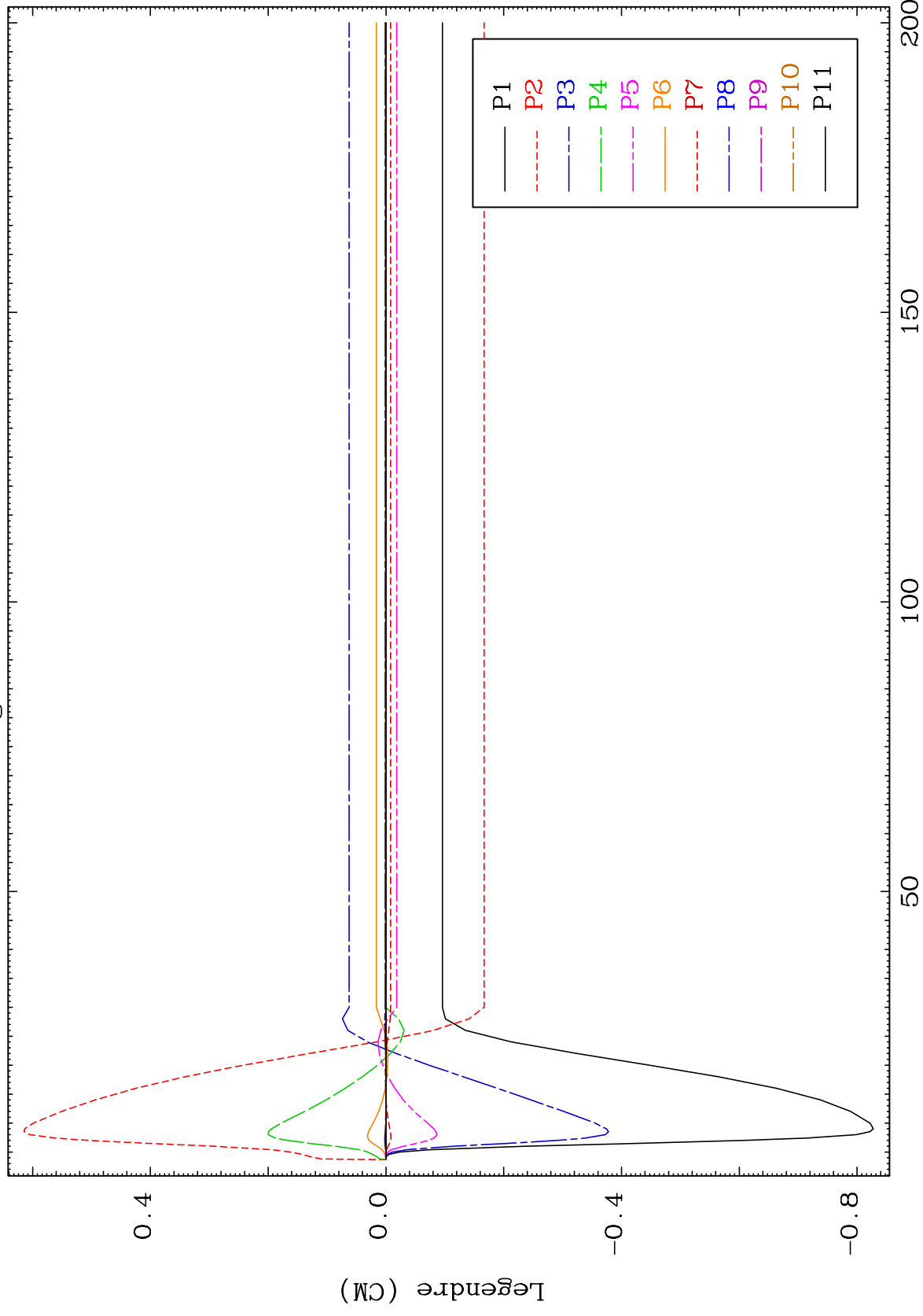


52

Incident Energy (MeV)

71-Lu-157

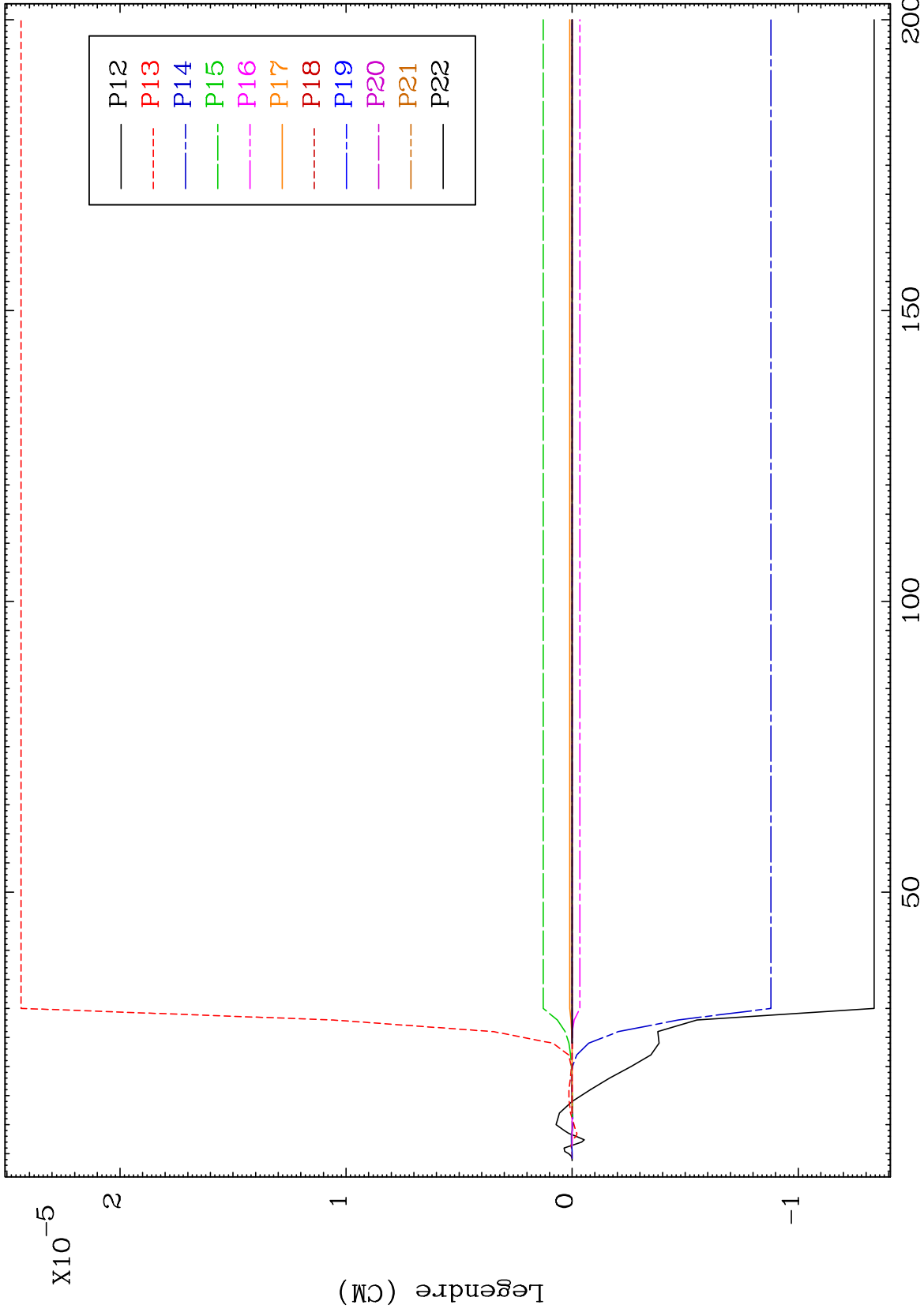




MAT 7071

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

71-Lu-157



55

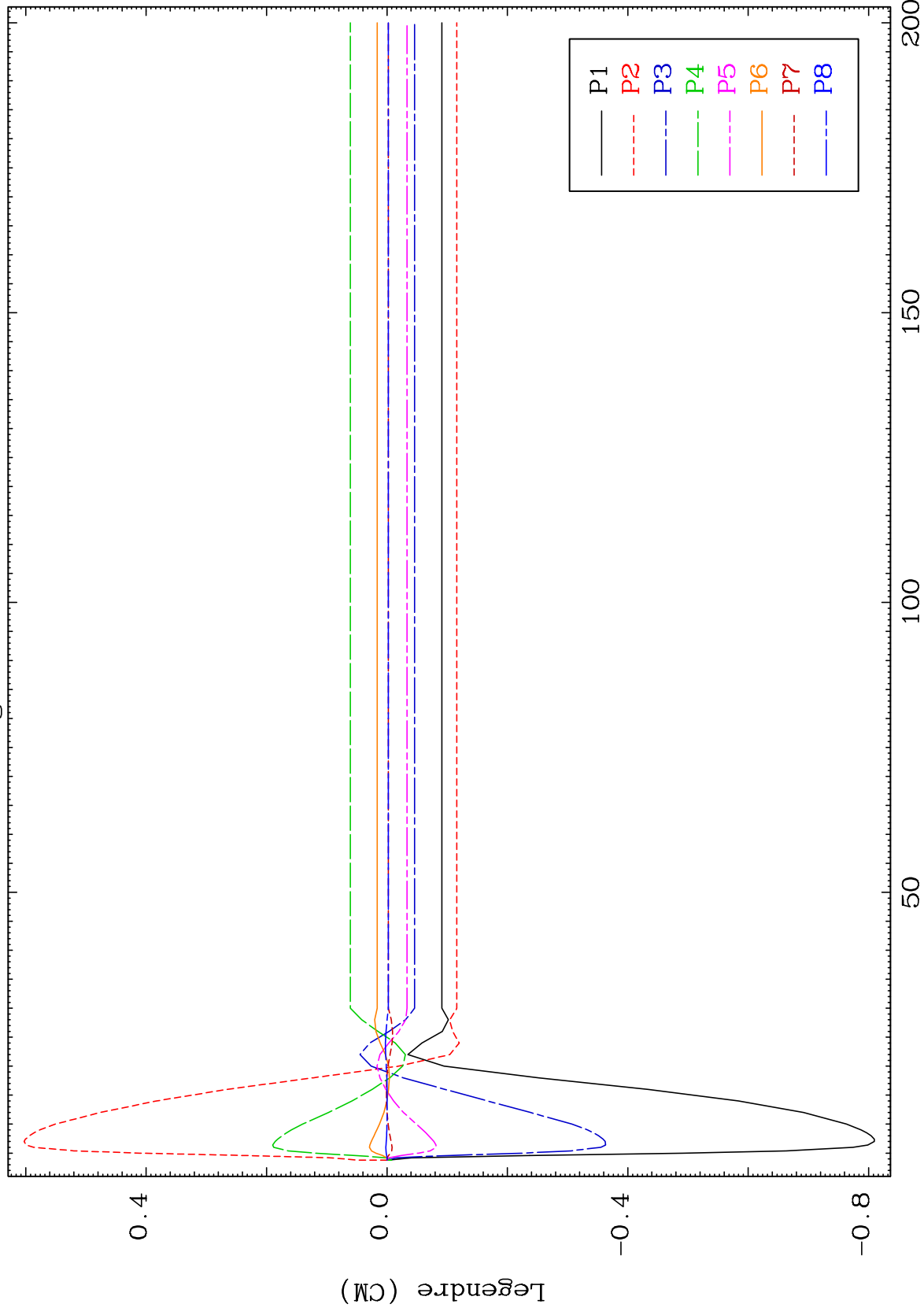
71-Lu-157

71-Lu-157

MAT 7071

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

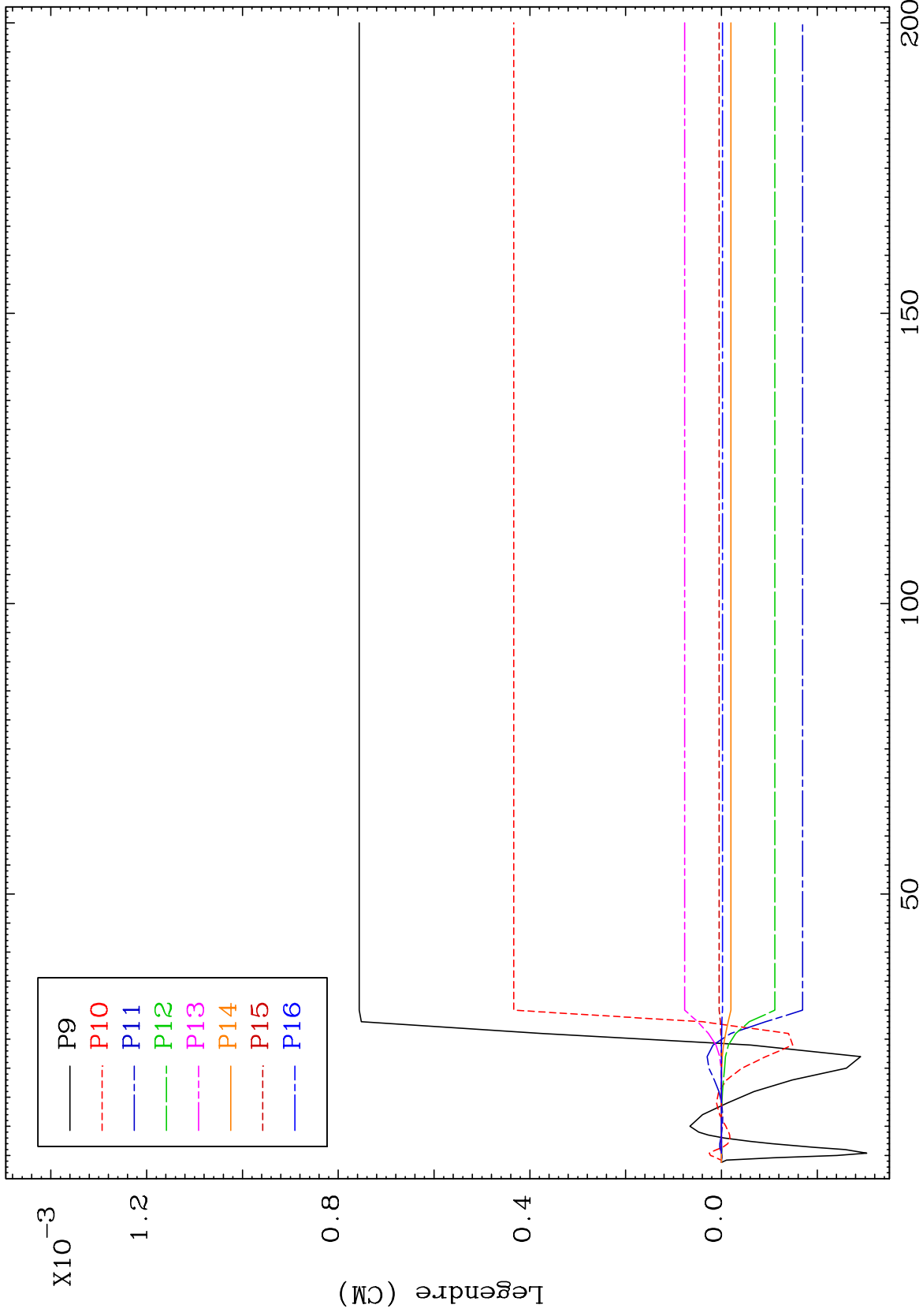
71-Lu-157



56

Incident Energy (MeV)

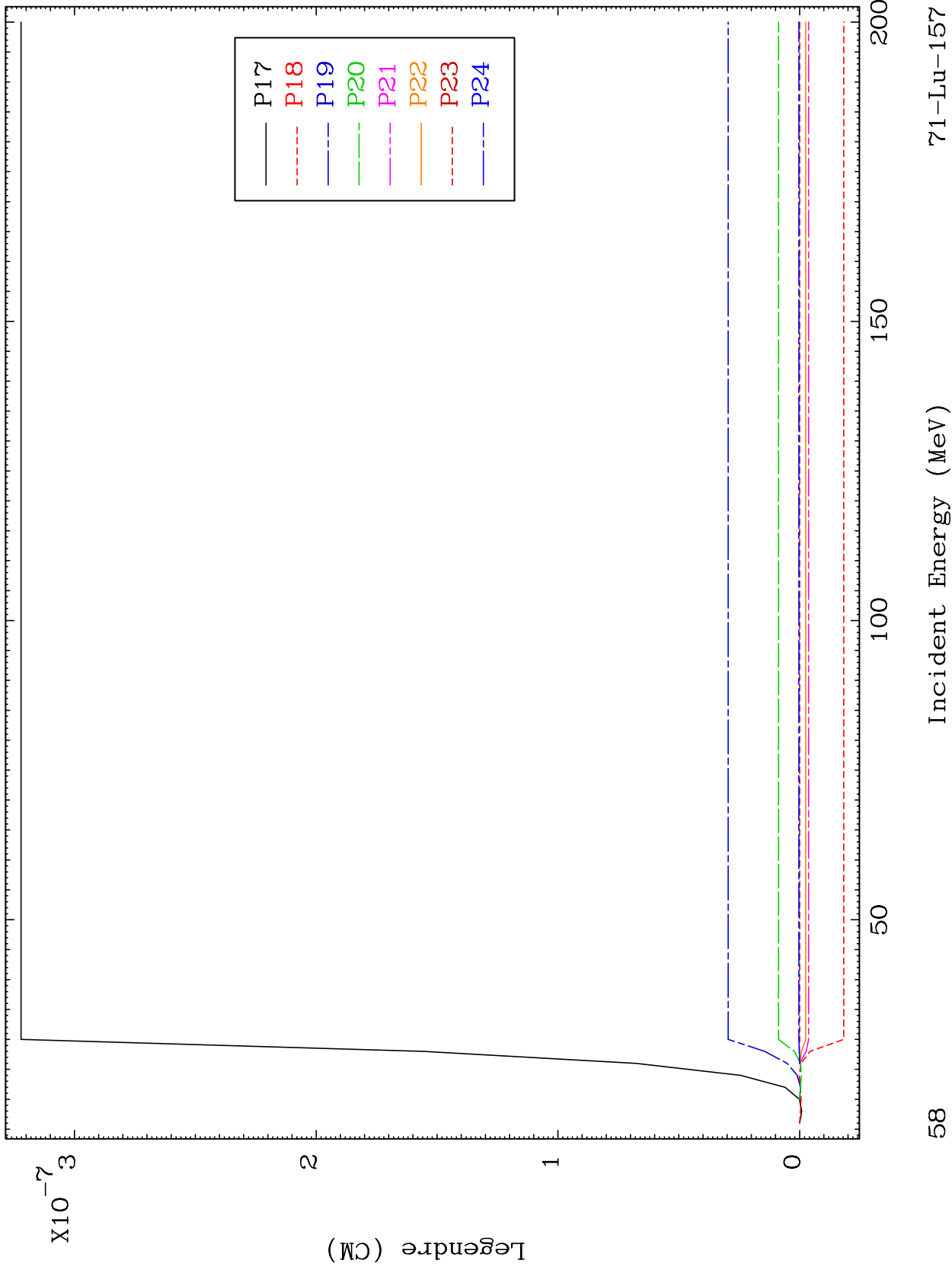
71-Lu-157



MAT 7071

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

71-Lu-157



58

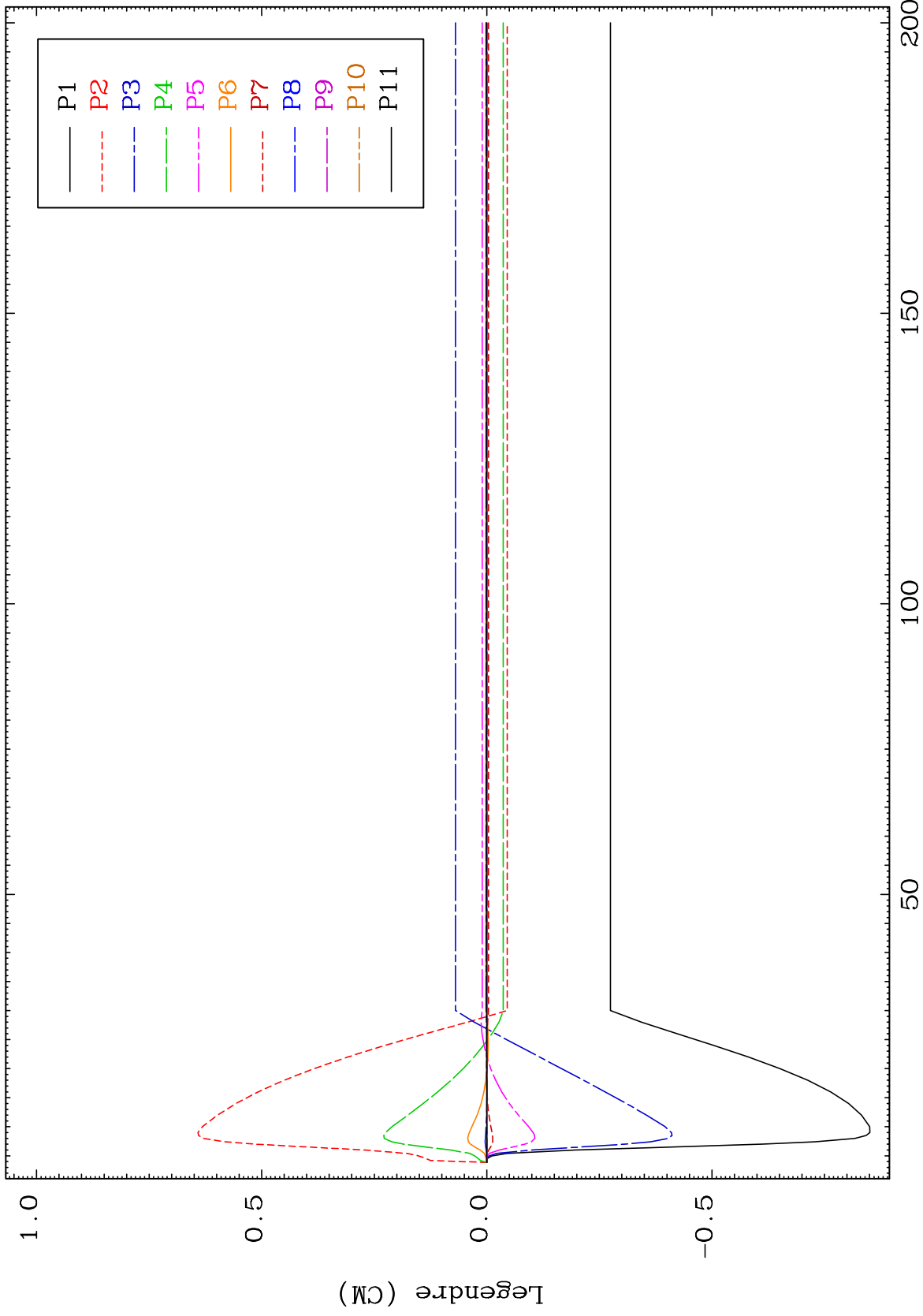
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



59

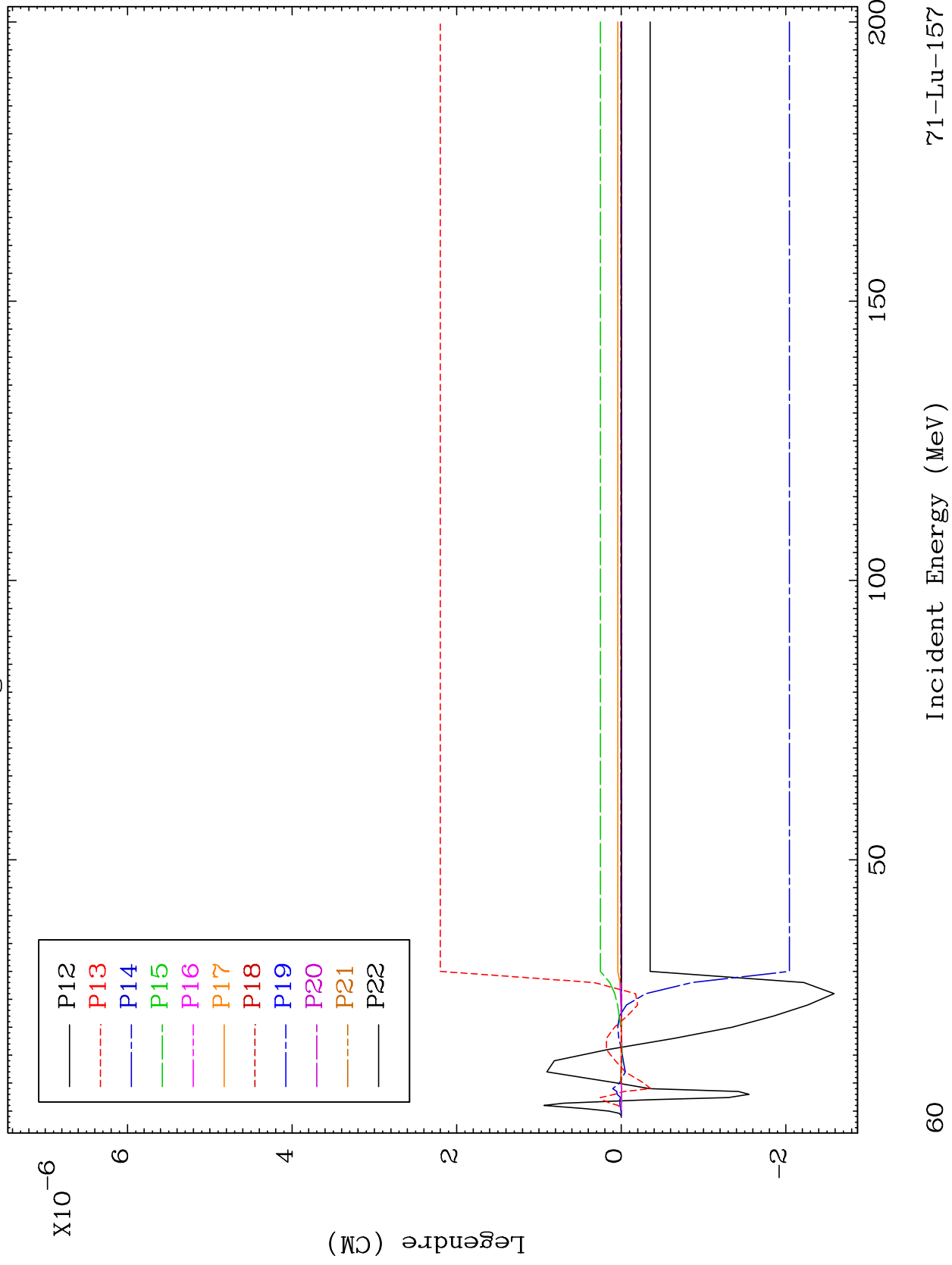
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



60

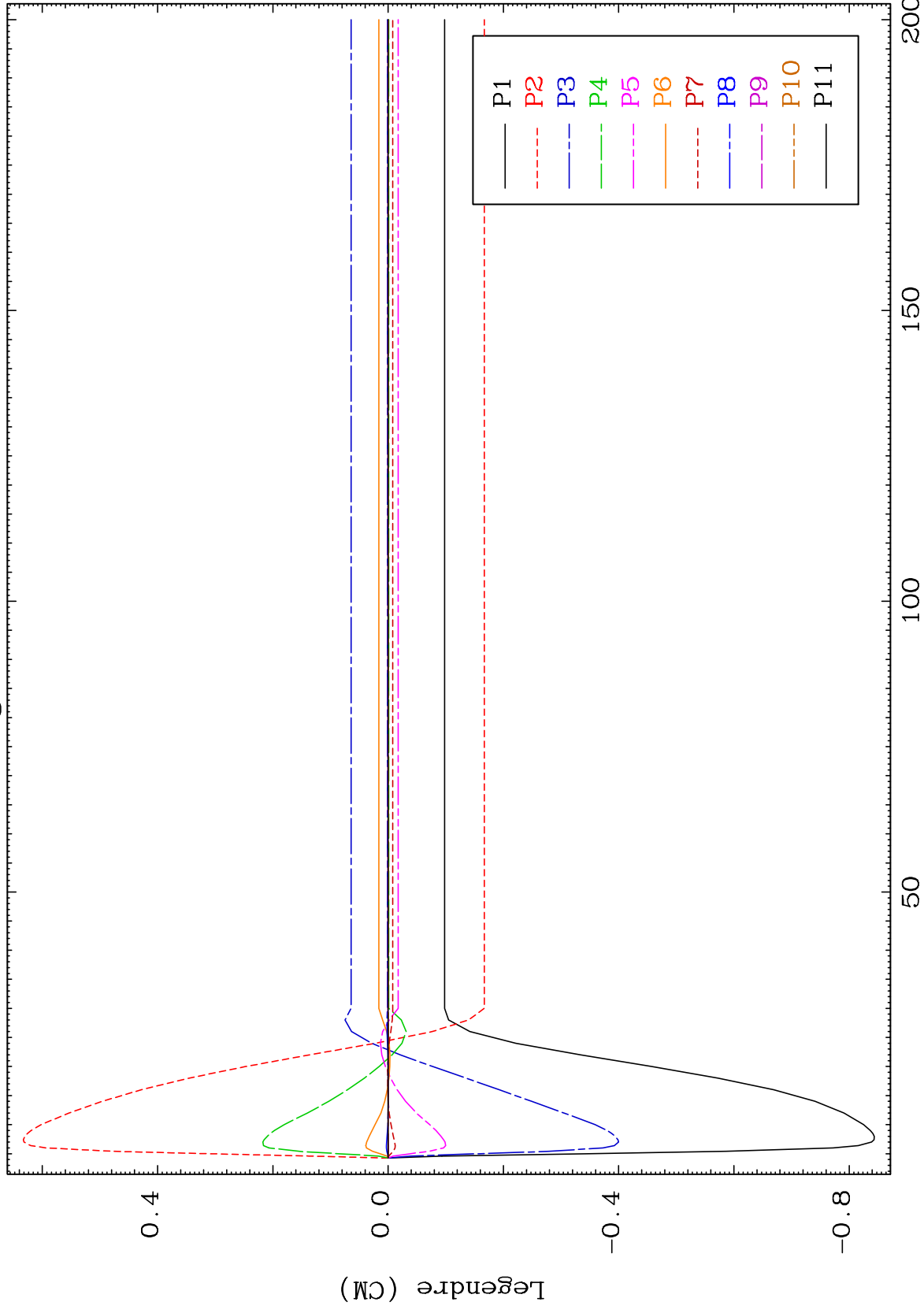
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



61

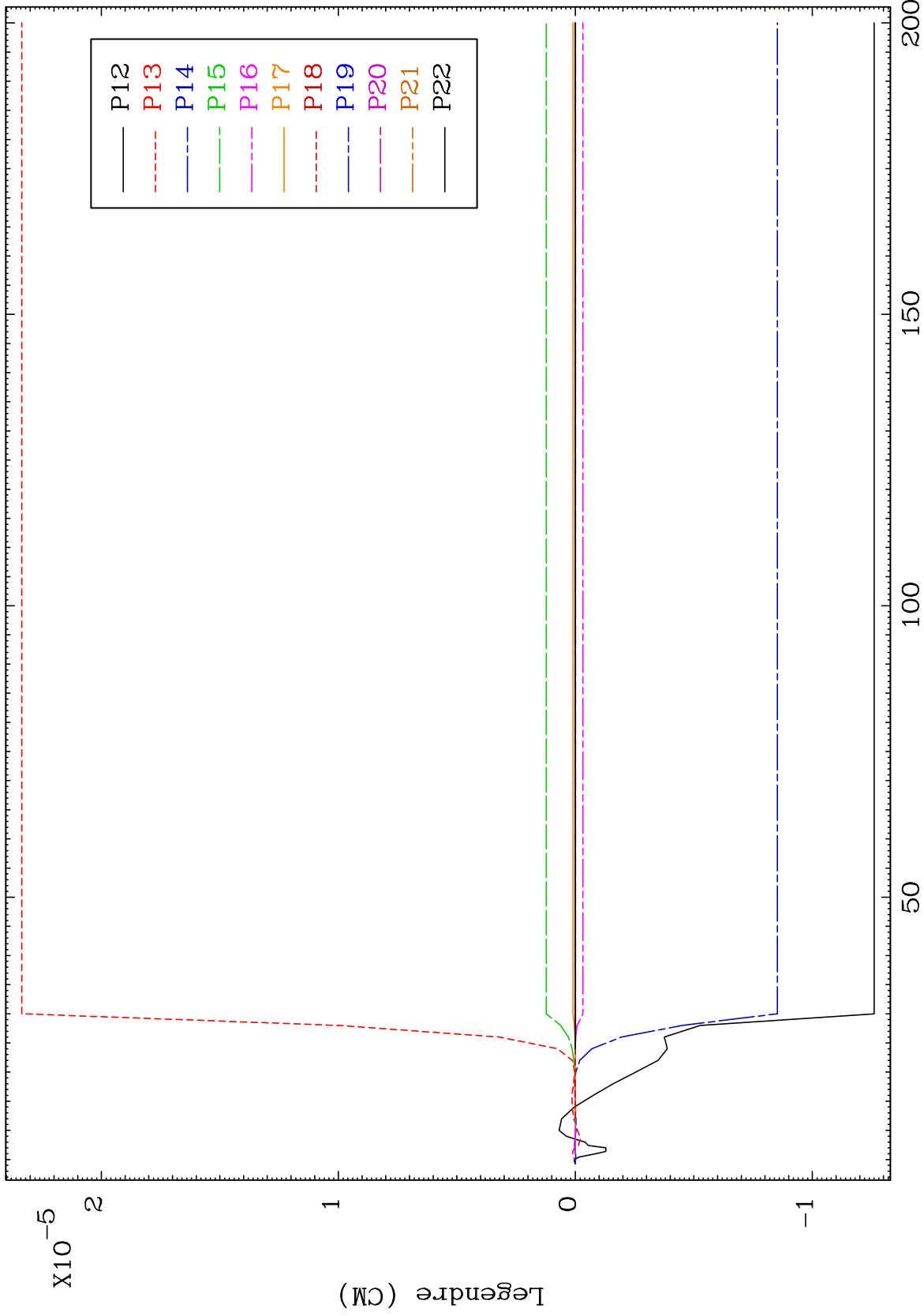
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



62

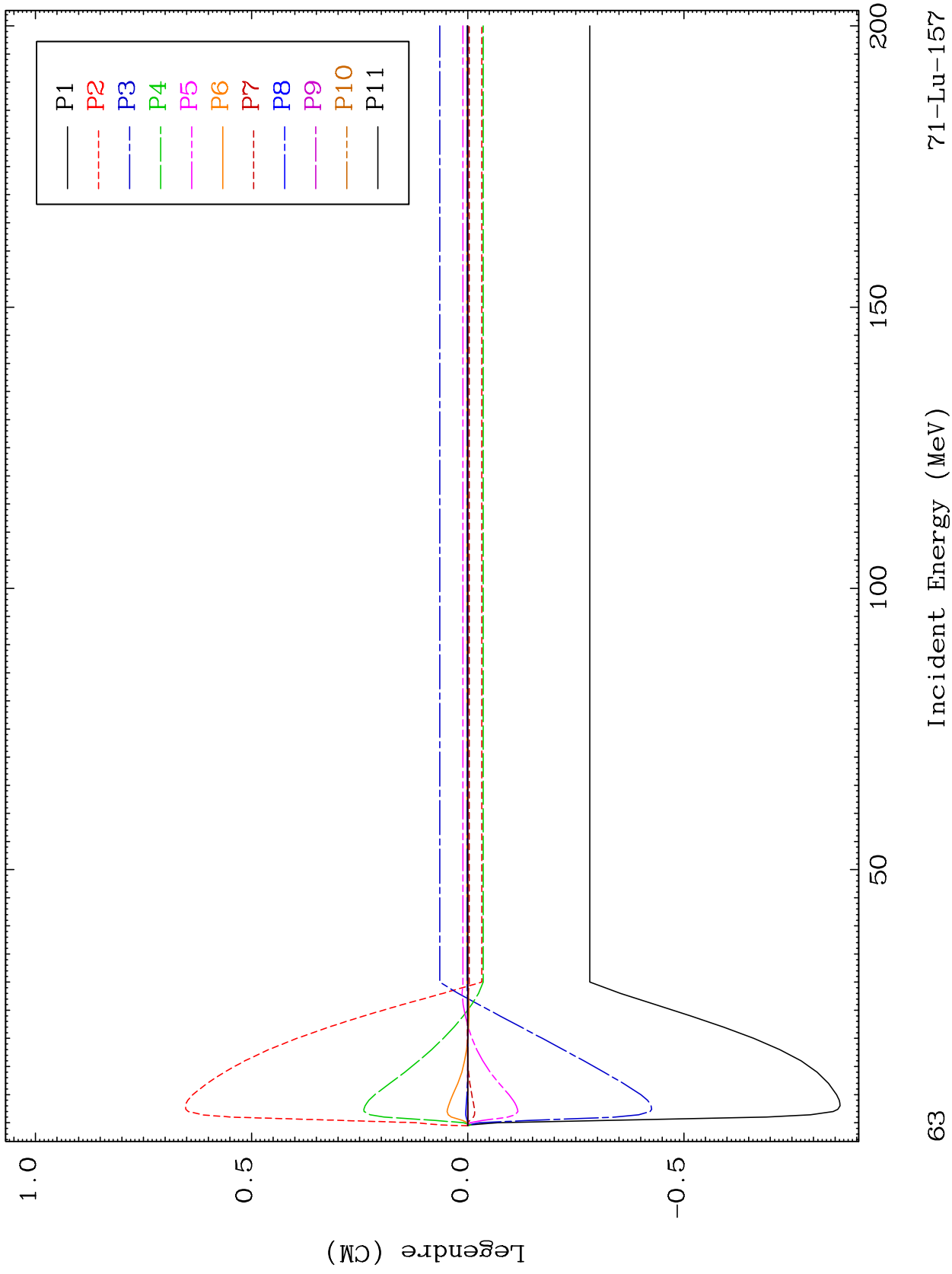
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



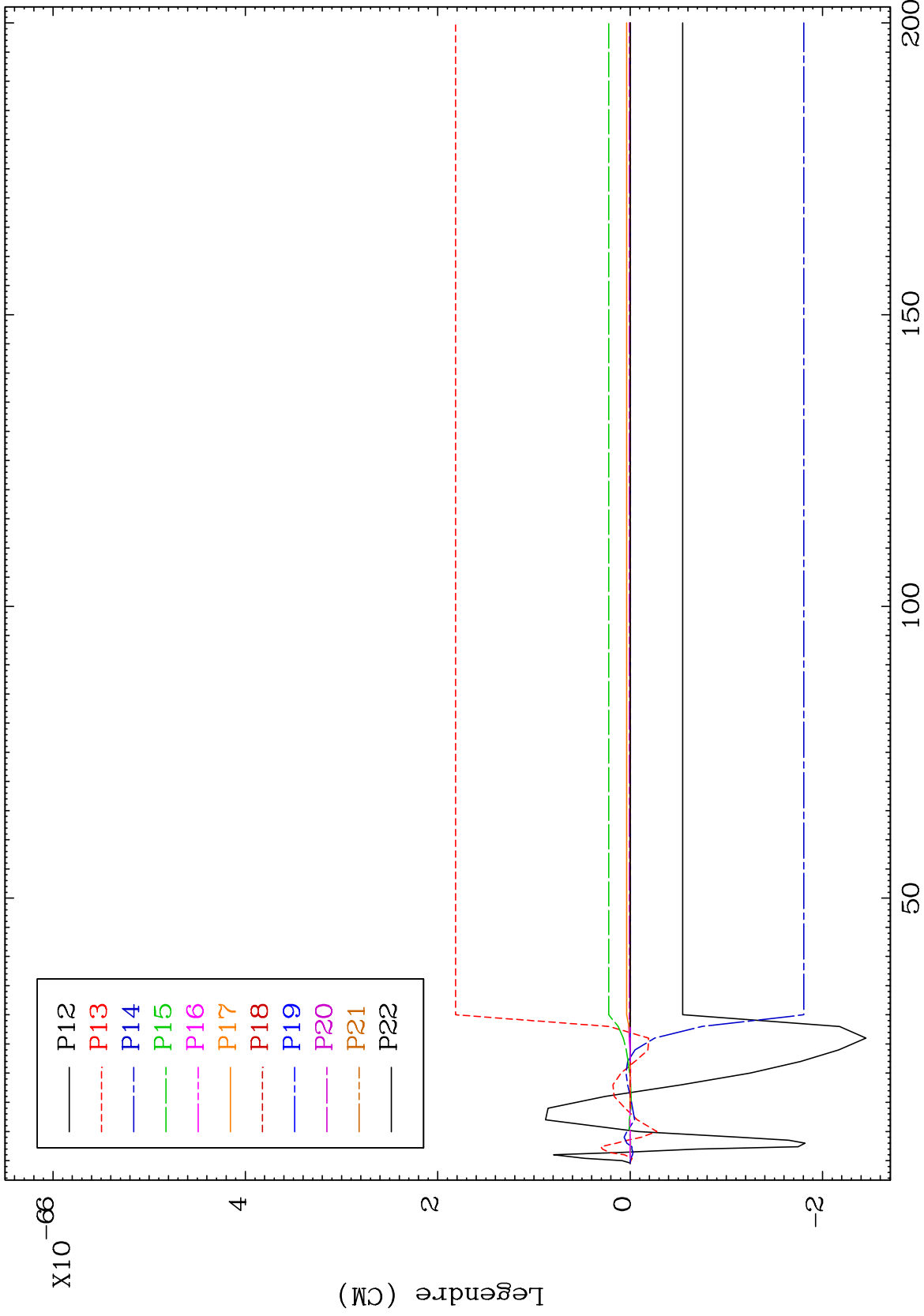
63

71-Lu-157

MAT 7071

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

71-Lu-157



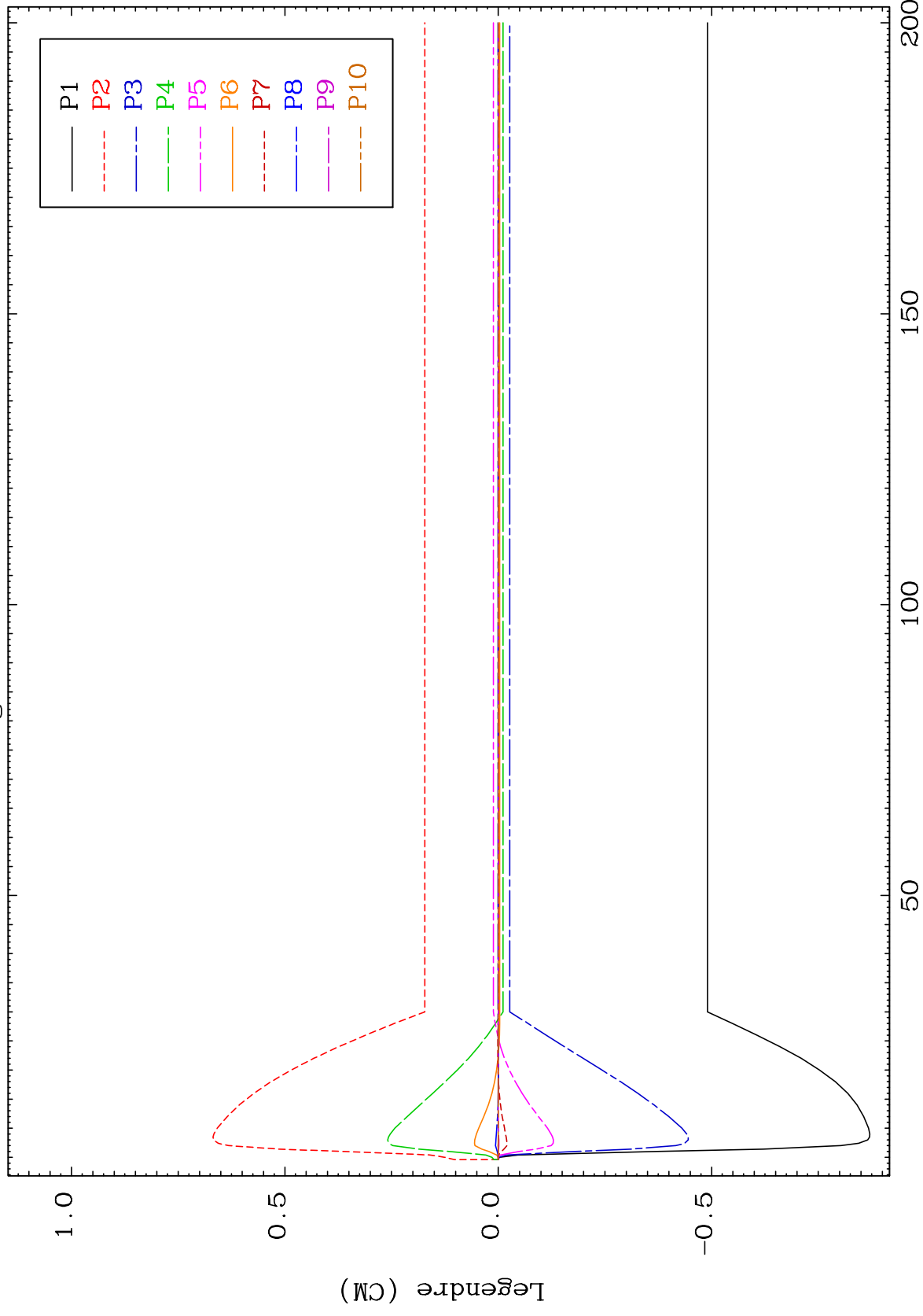
64

71-Lu-157

MAT 7071

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

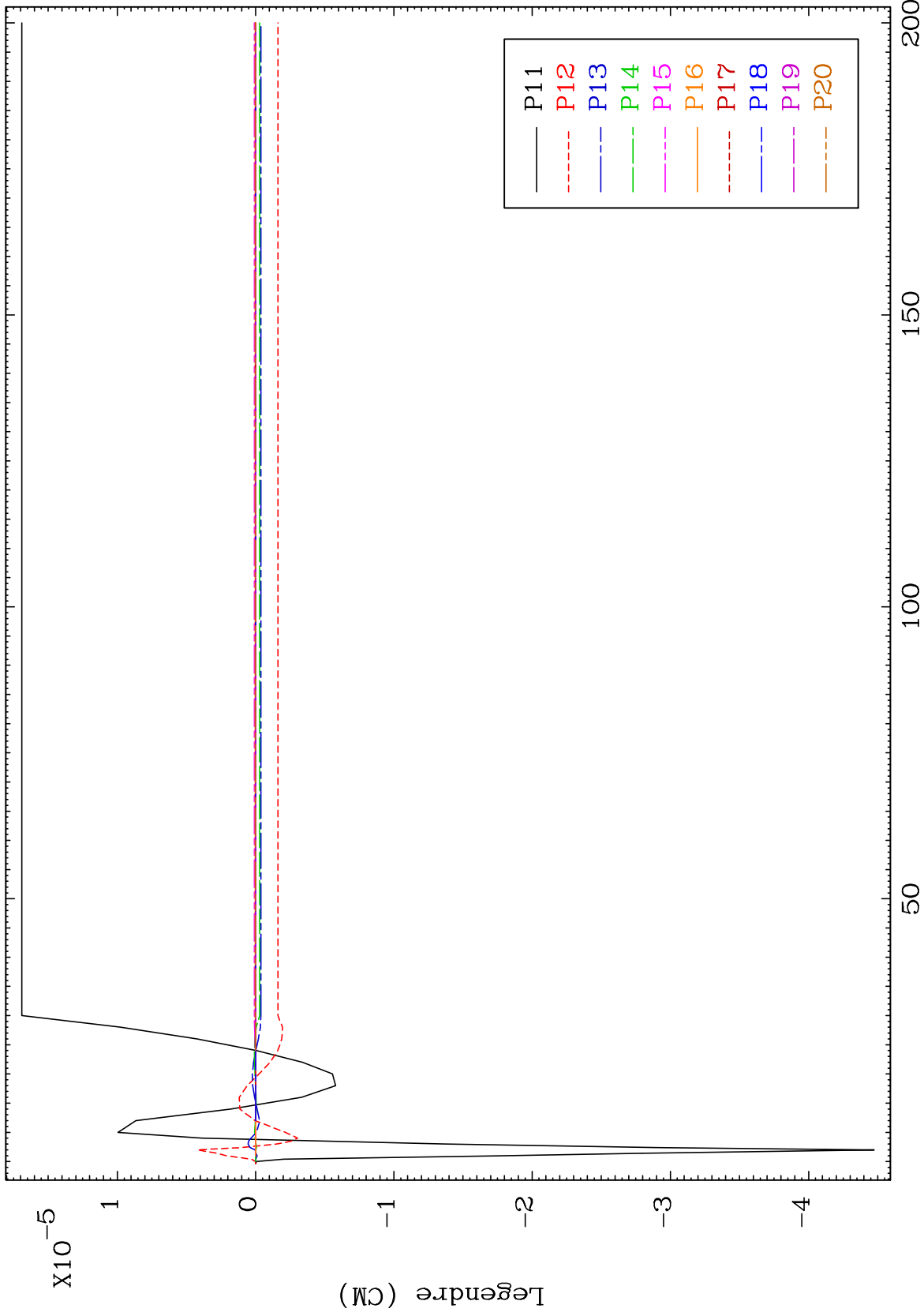
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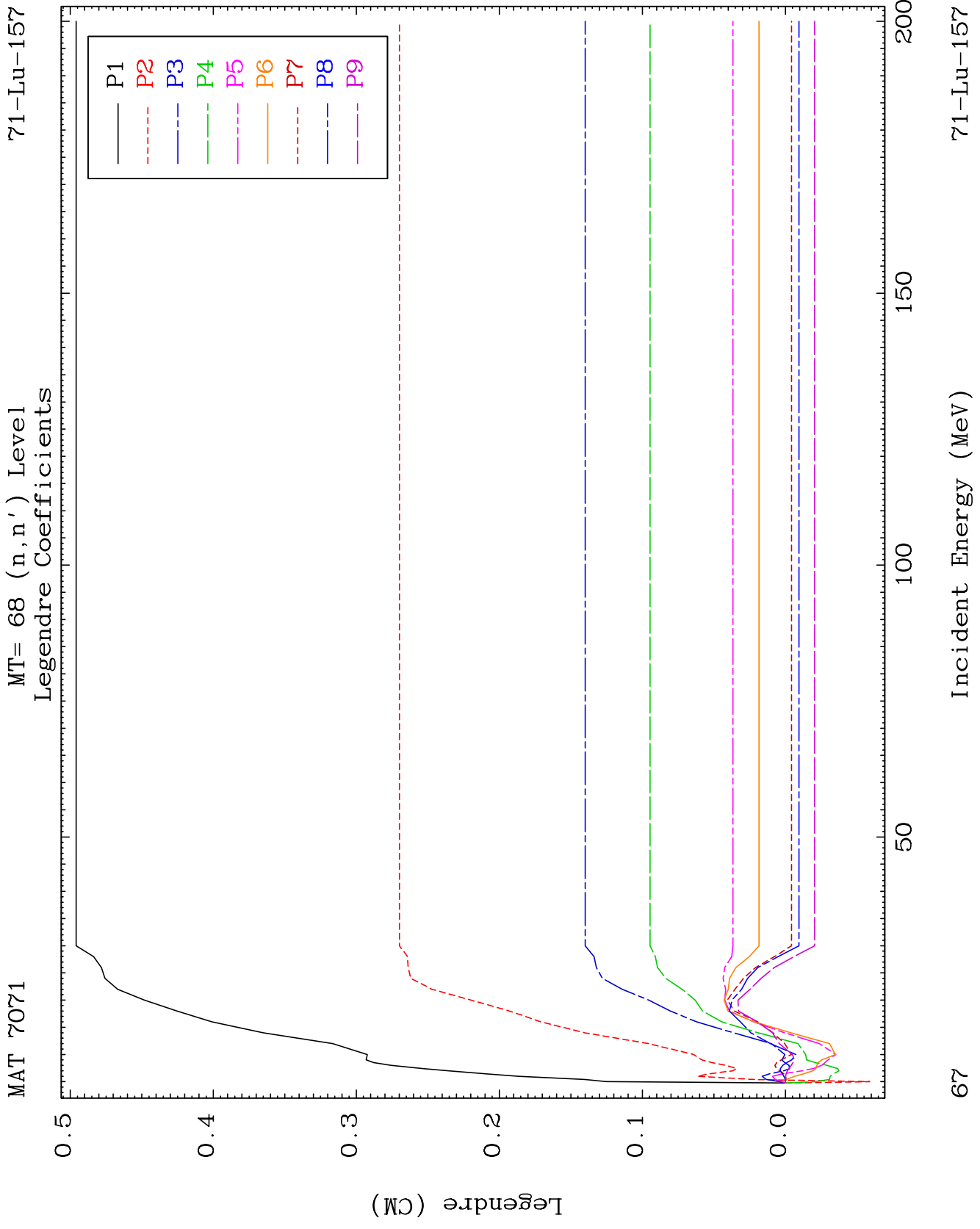


65

Incident Energy (MeV)

71-Lu-157

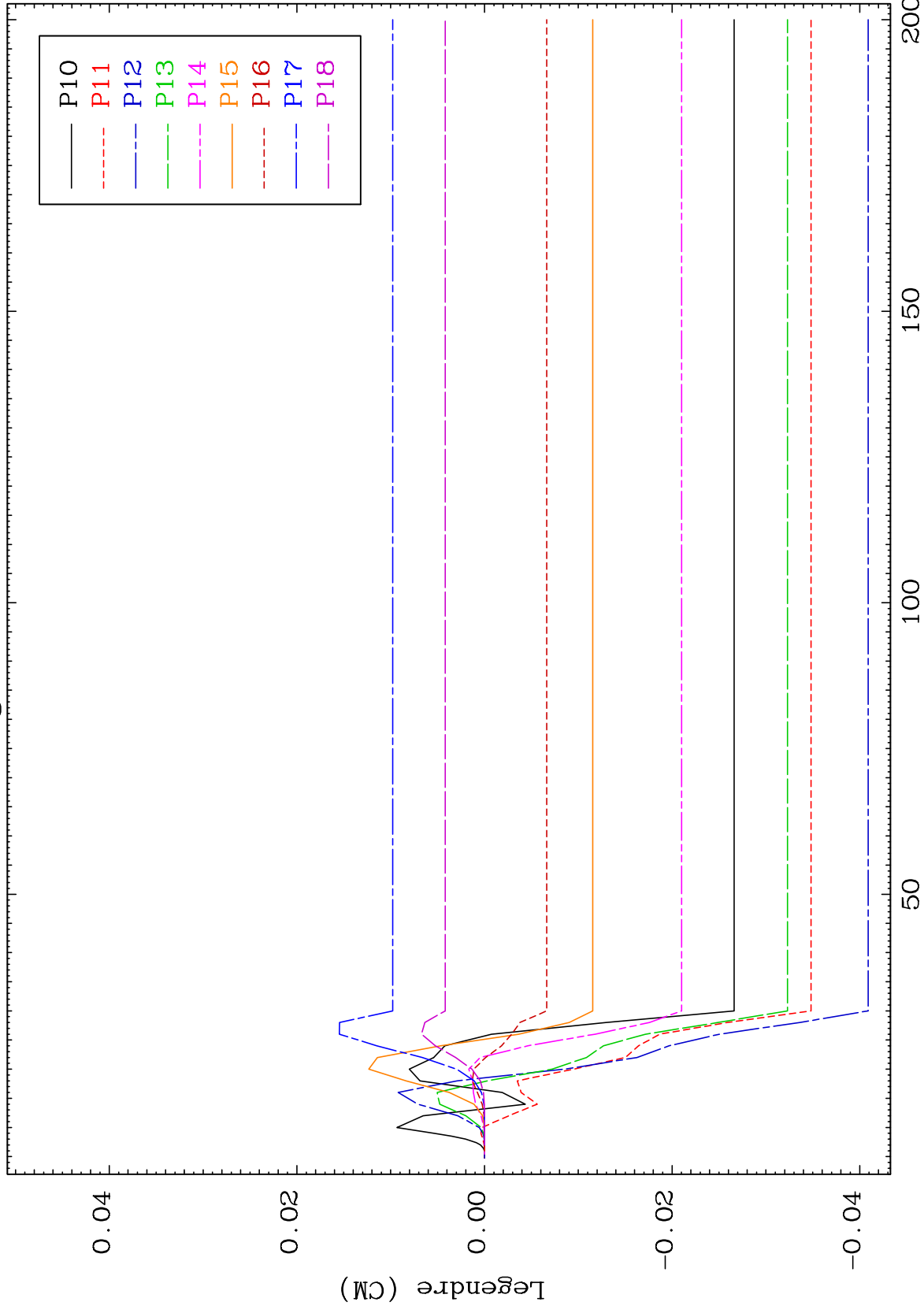




MAT 7071

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

71-Lu-157



68

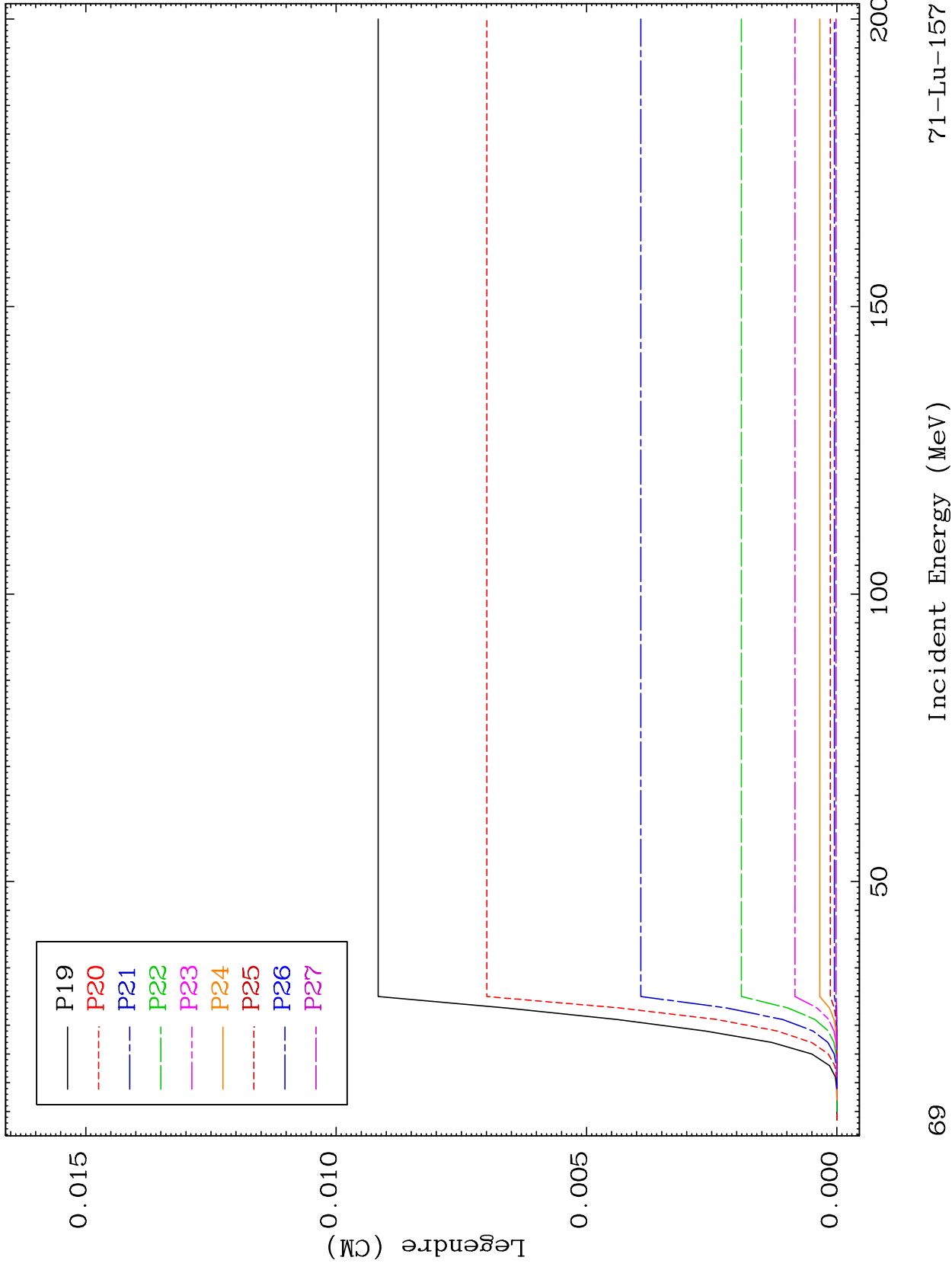
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



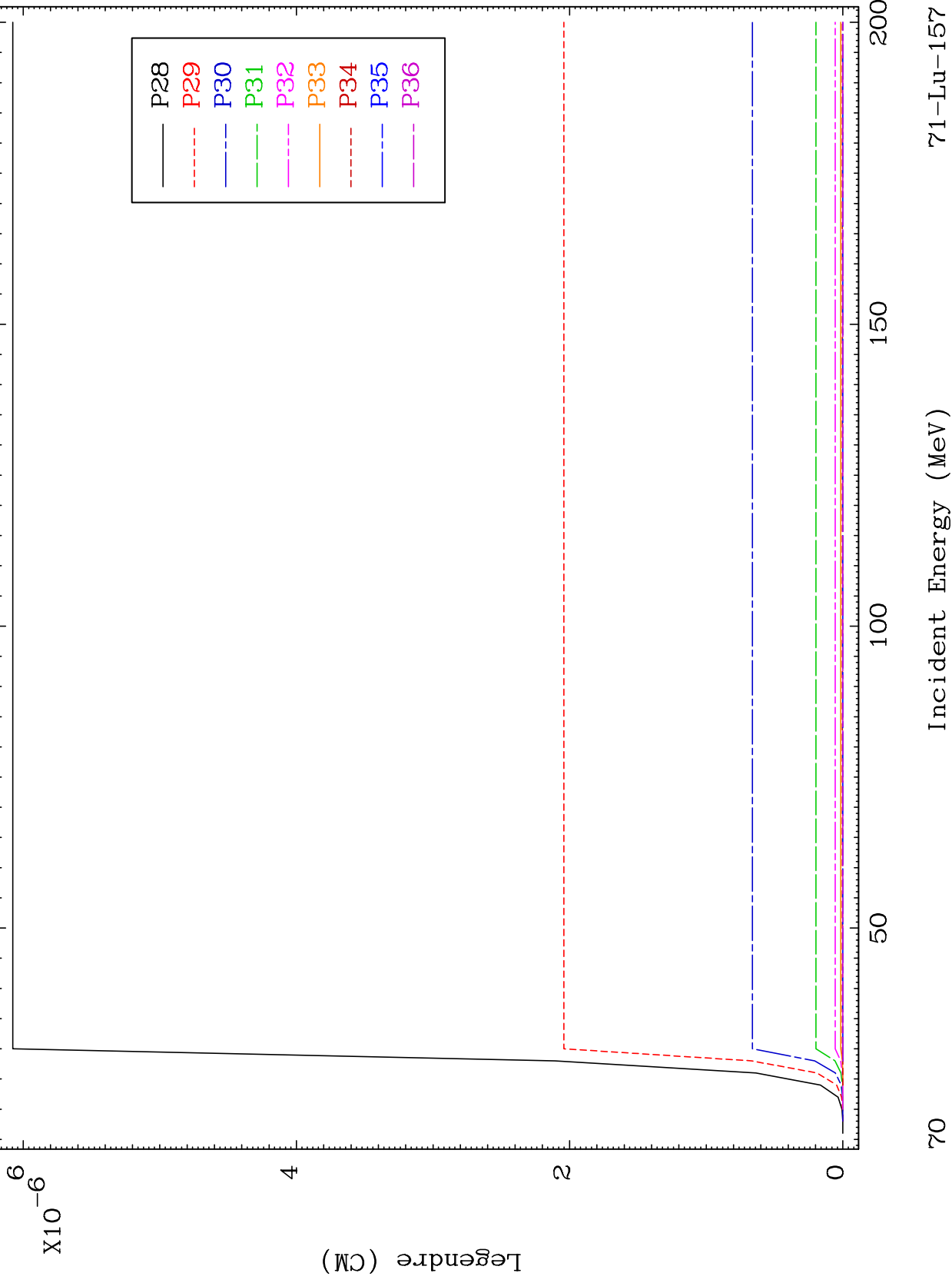
69

71-Lu-157

MAT 7071

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

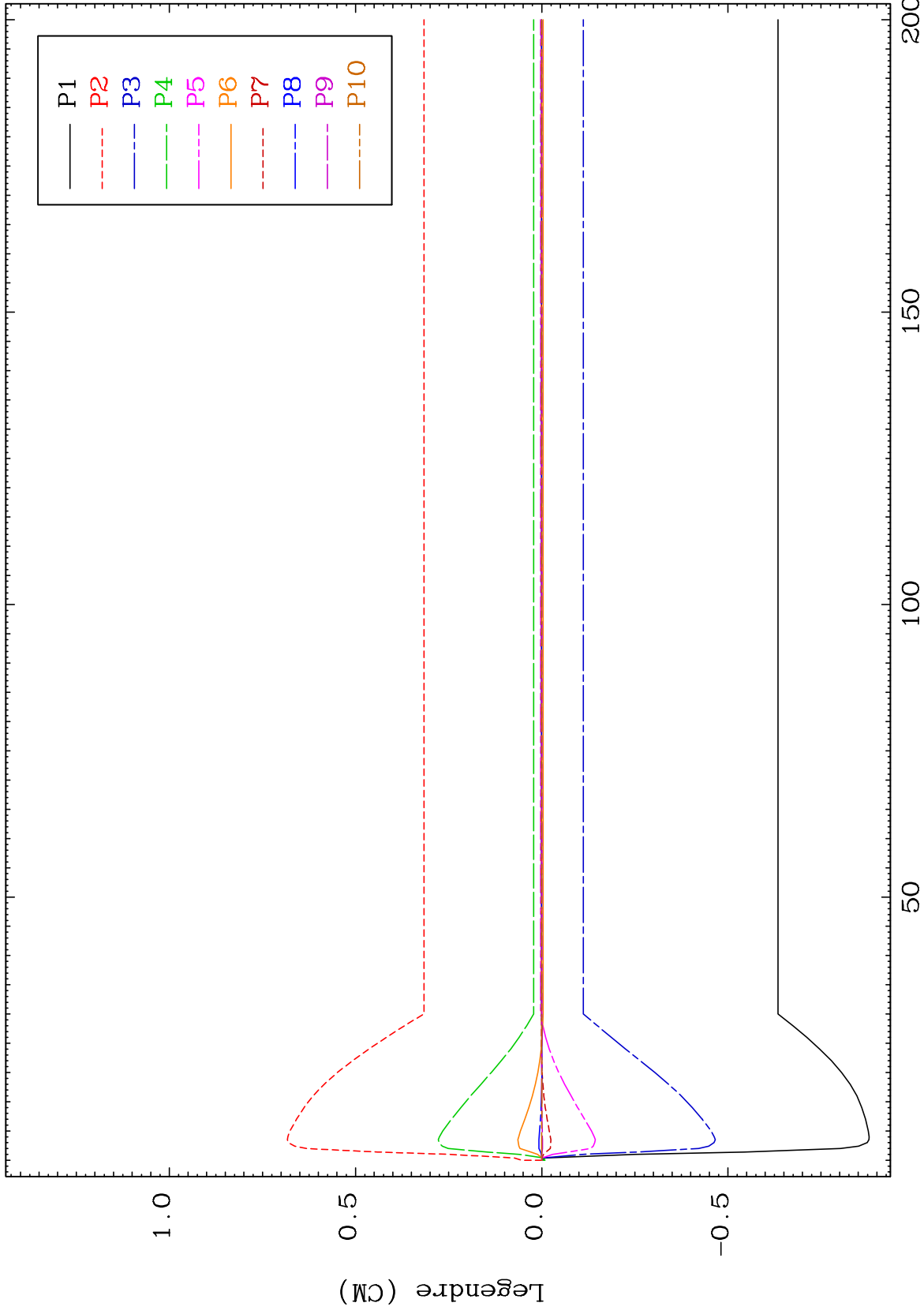
71-Lu-157



MAT 7071

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

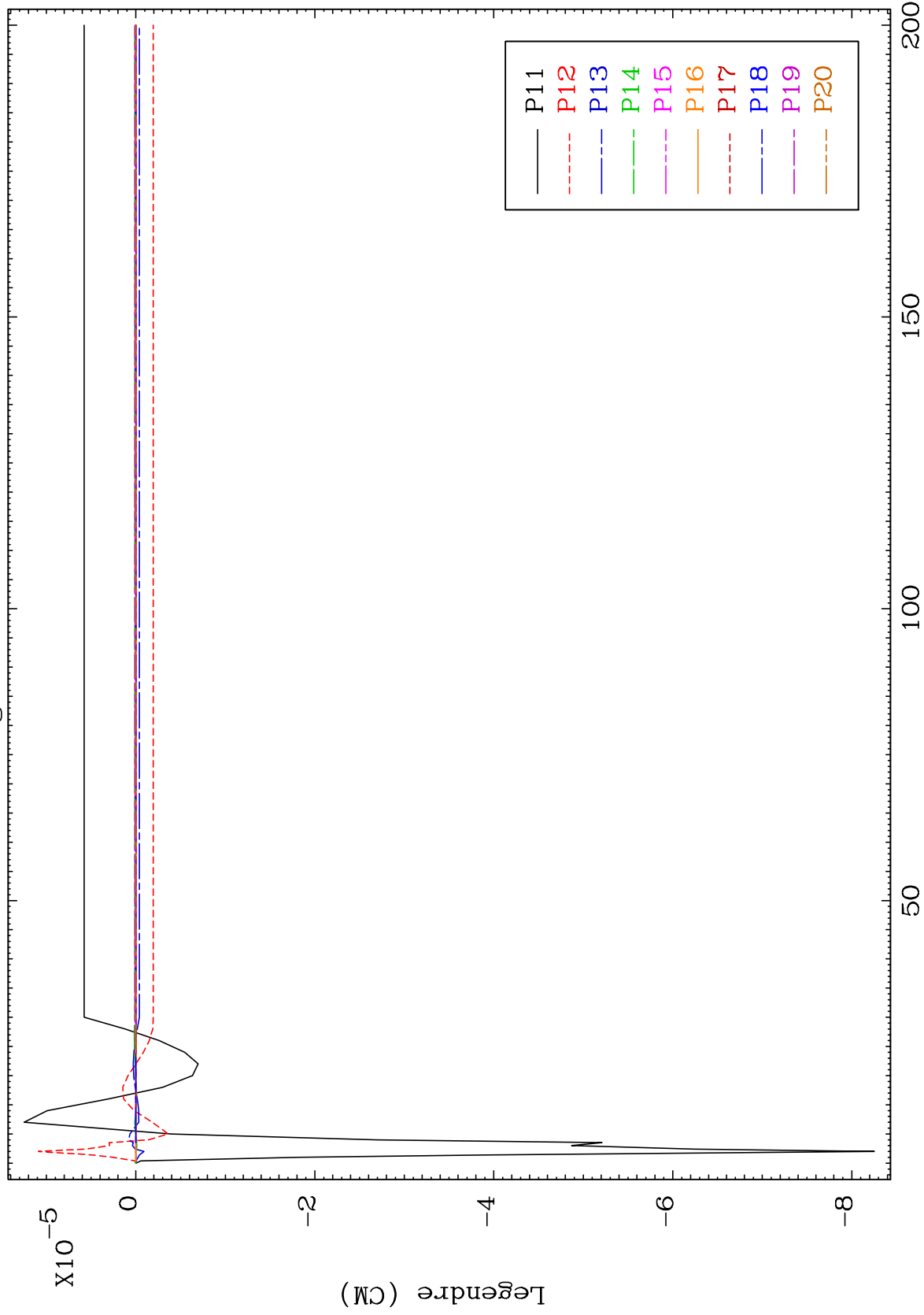
71-Lu-157



71

Incident Energy (MeV)

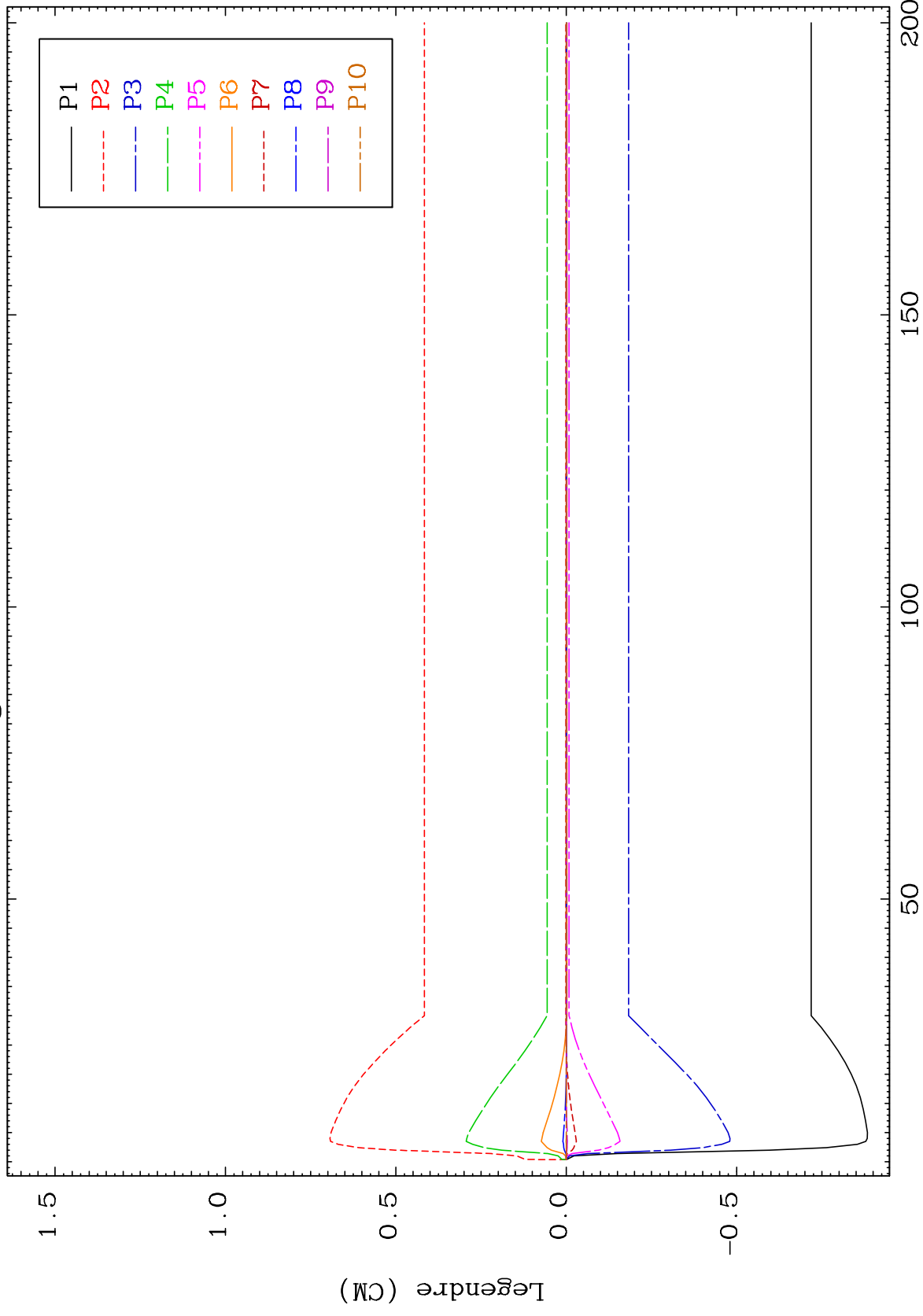
71-Lu-157



MAT 7071

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

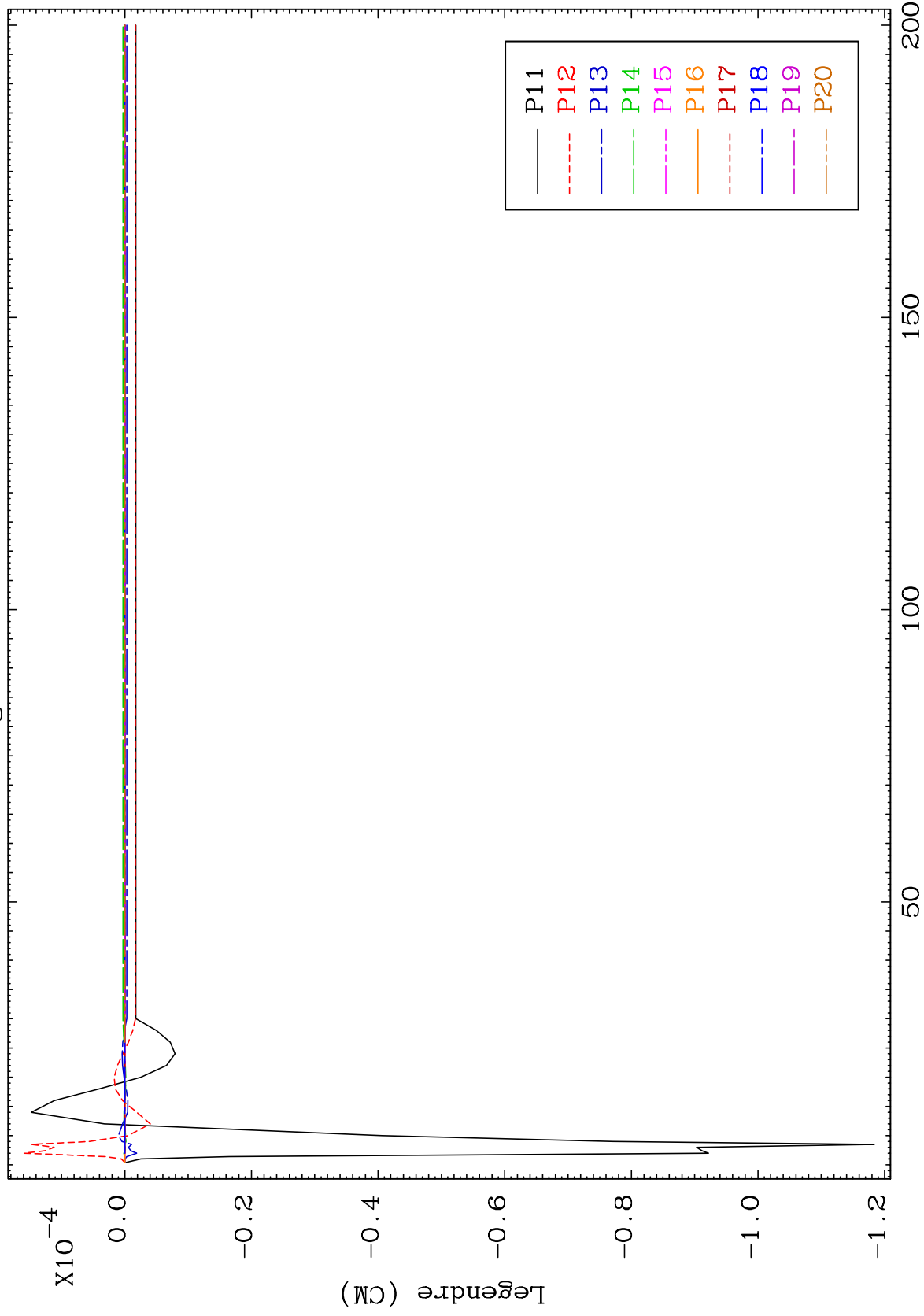
71-Lu-157



73

Incident Energy (MeV)

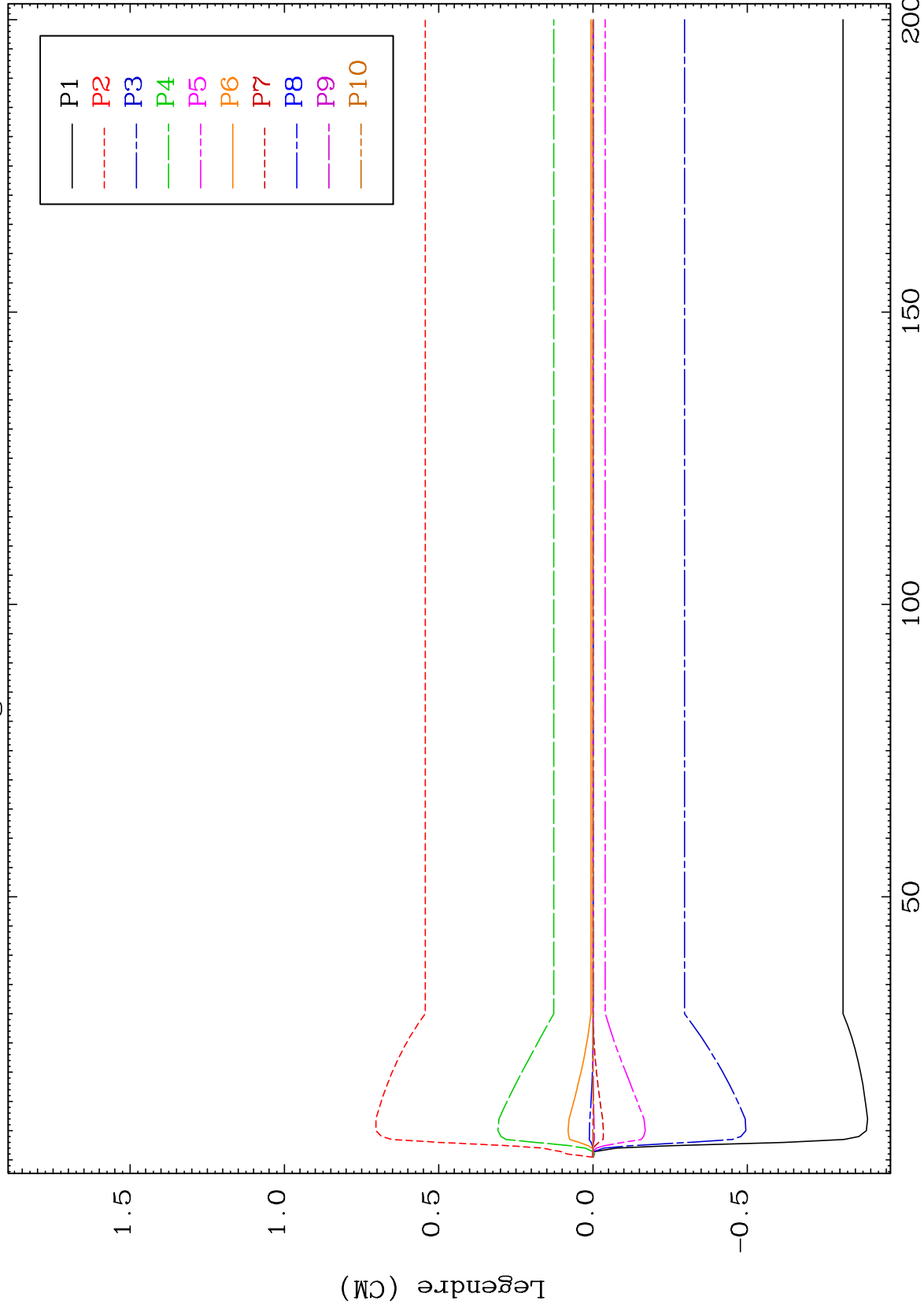
71-Lu-157



MAT 7071

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

71-Lu-157



75

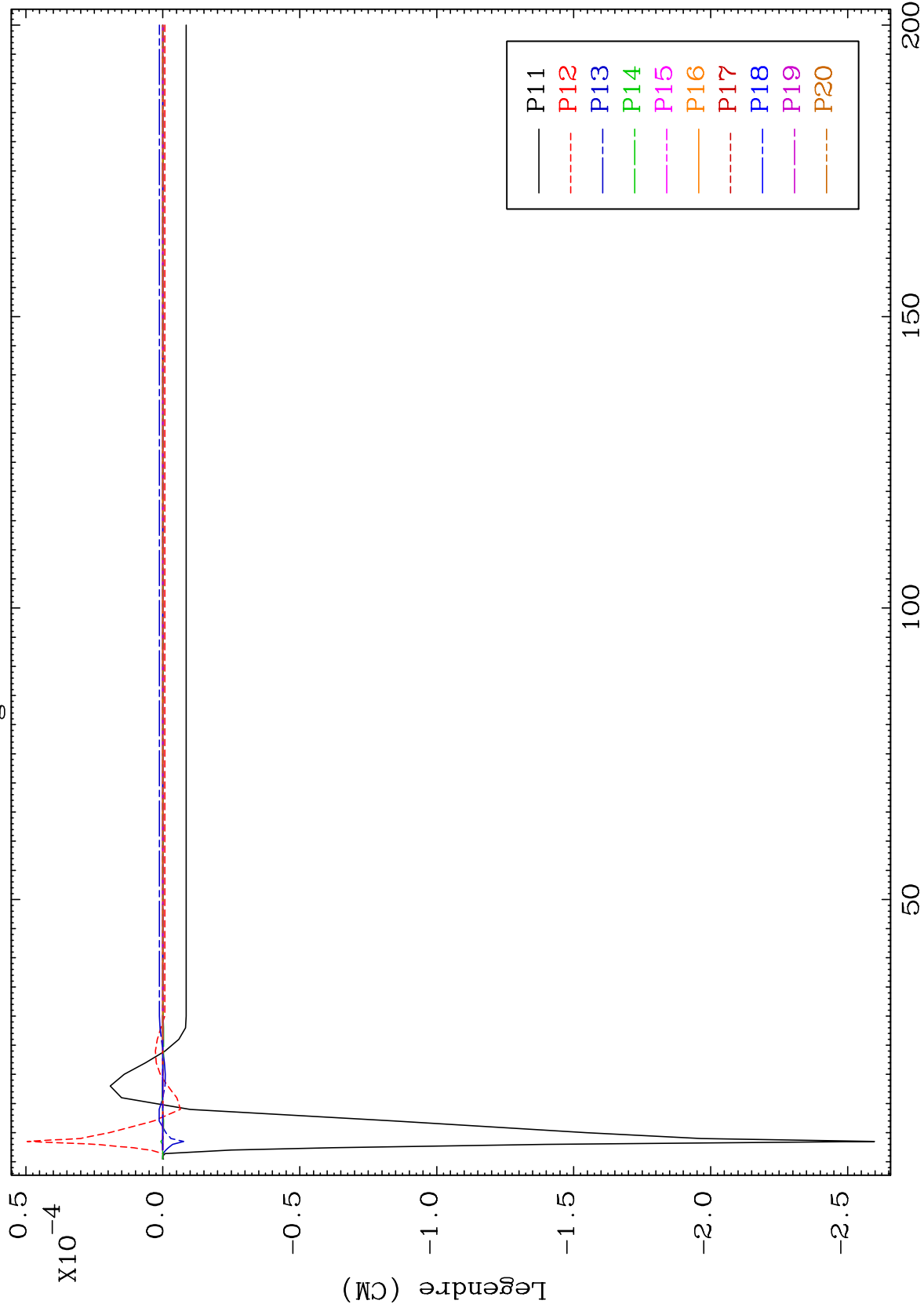
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



76

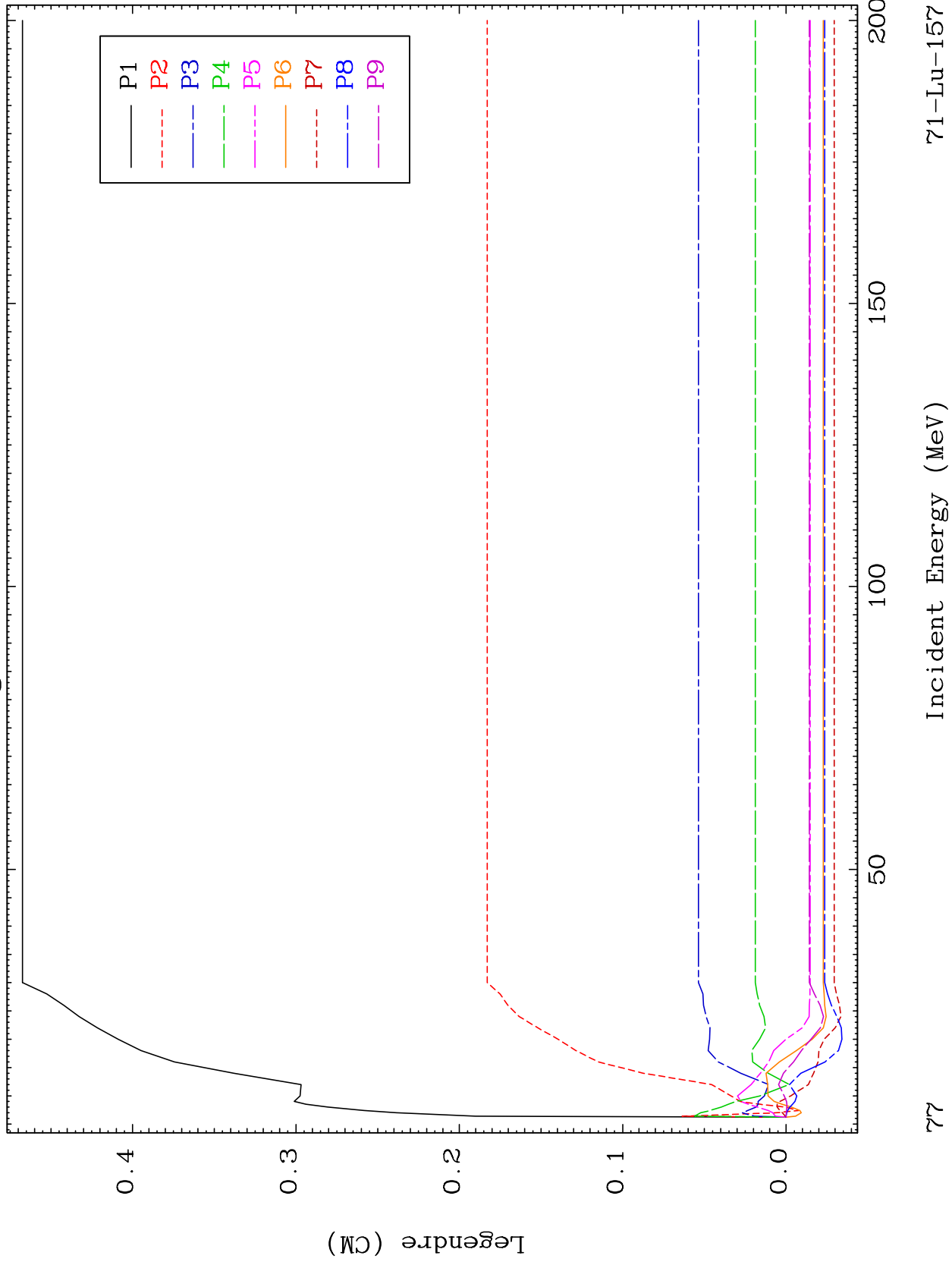
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



71-Lu-157

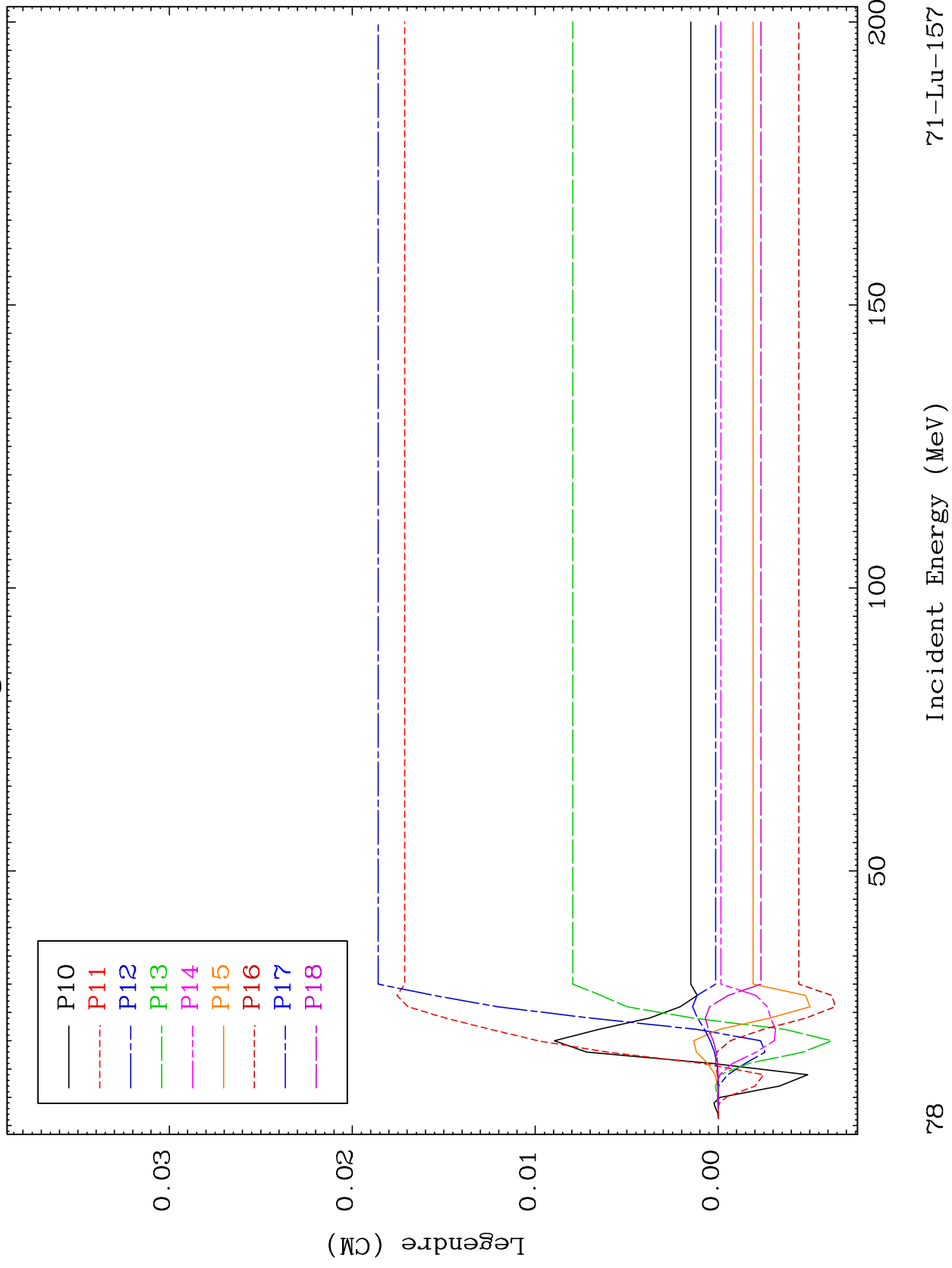
Incident Energy (MeV)

77

MAT 7071

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

71-Lu-157



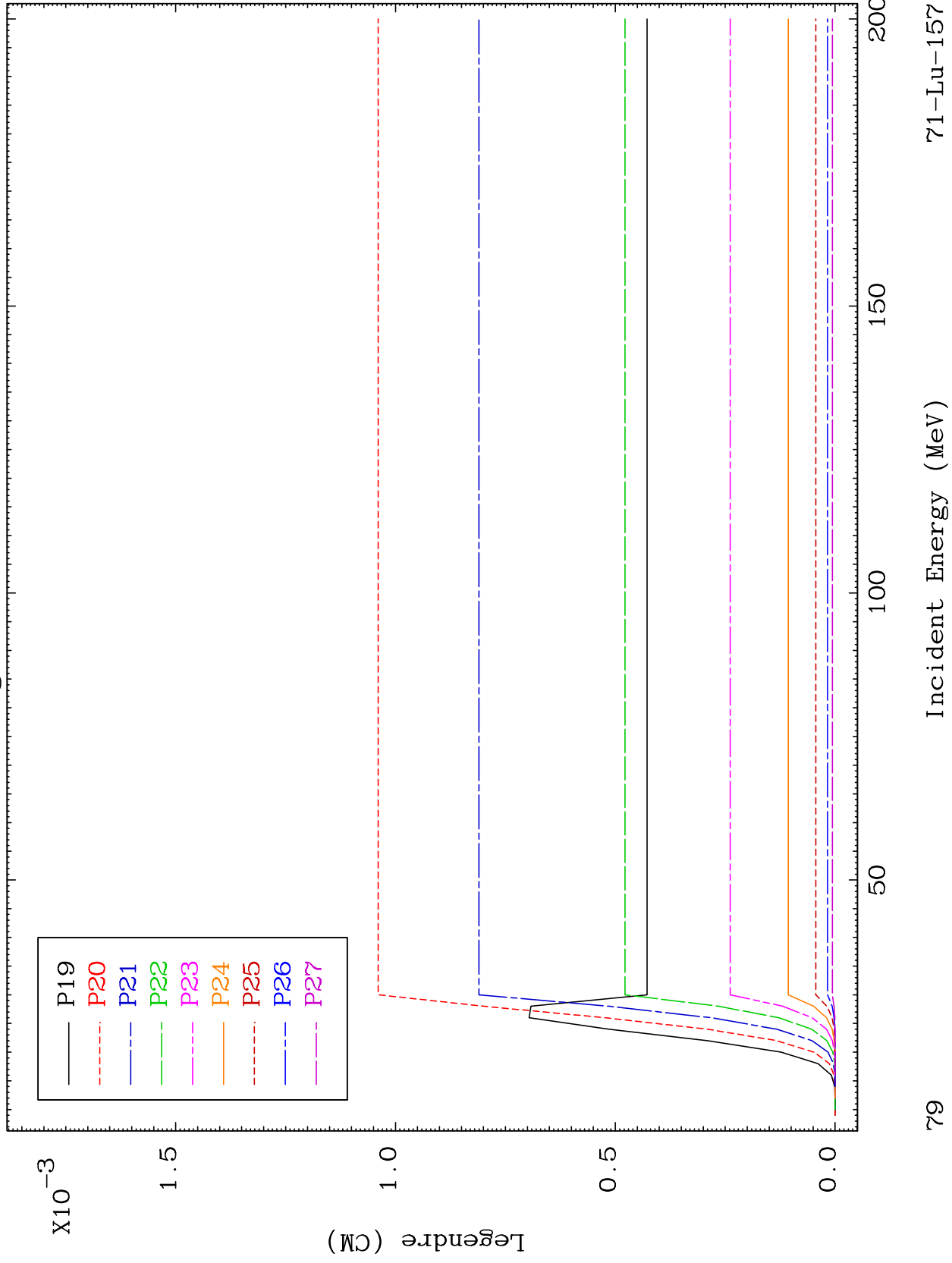
78

71-Lu-157

MAT 7071

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

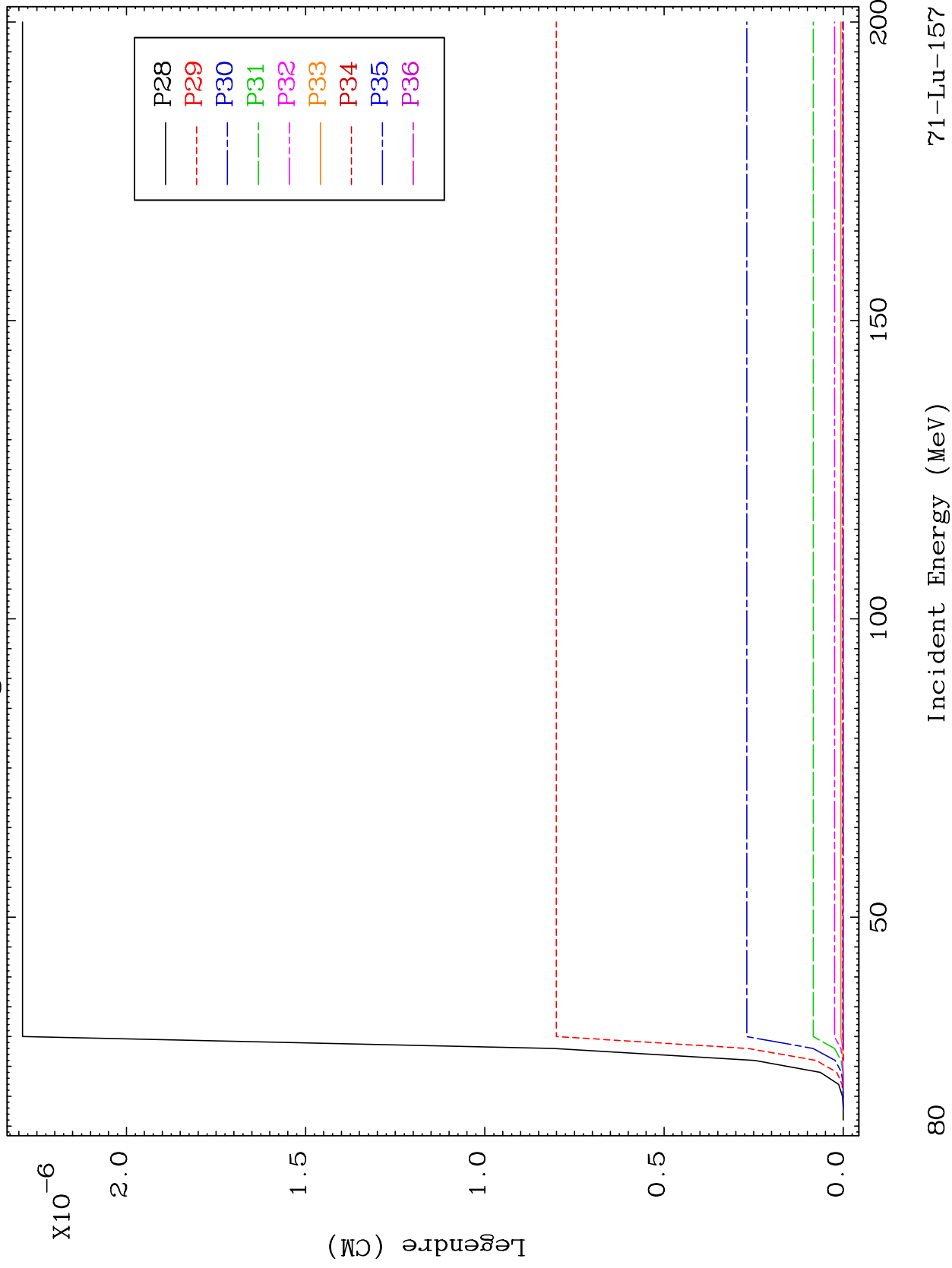
71-Lu-157



MAT 7071

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

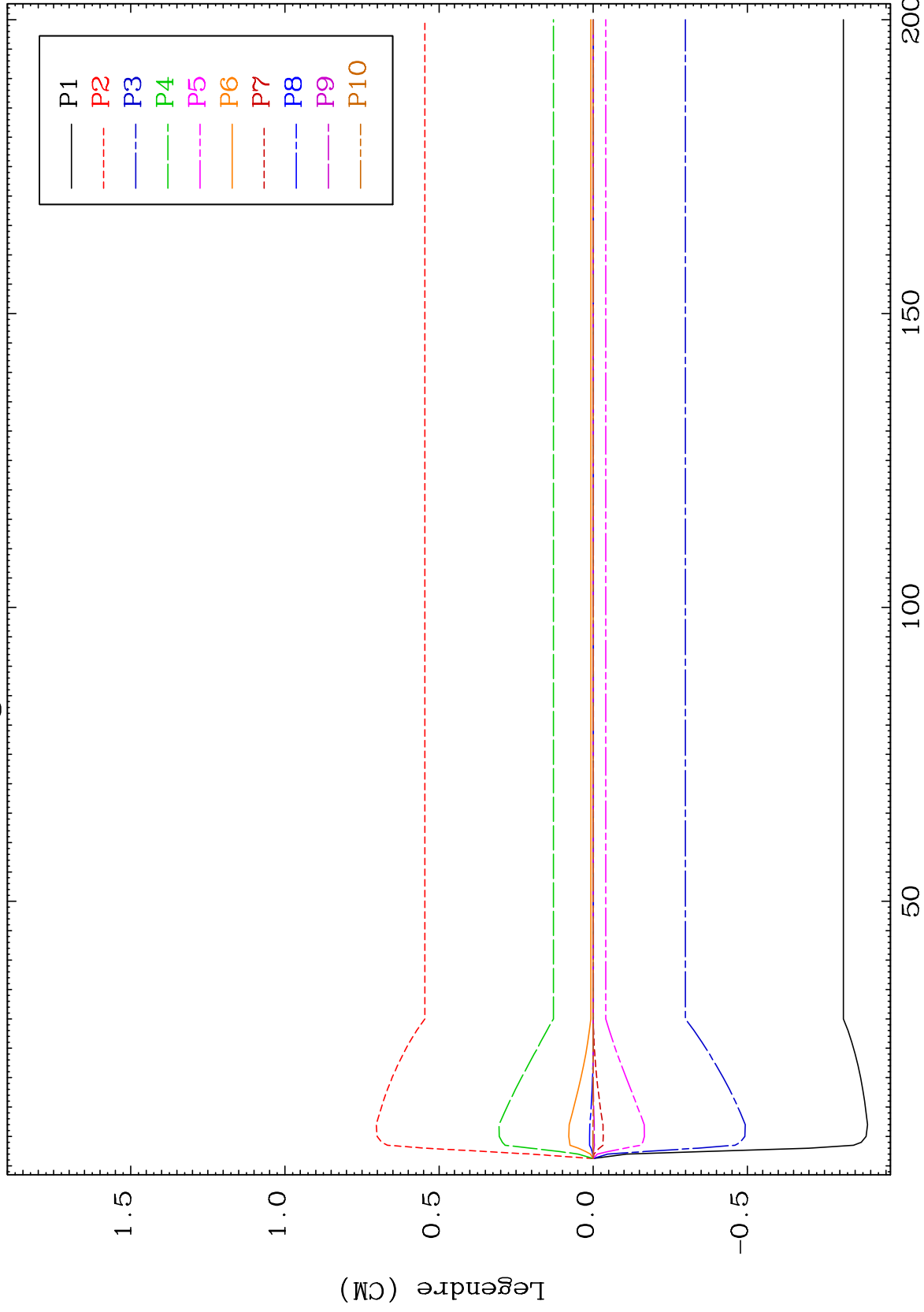
71-Lu-157

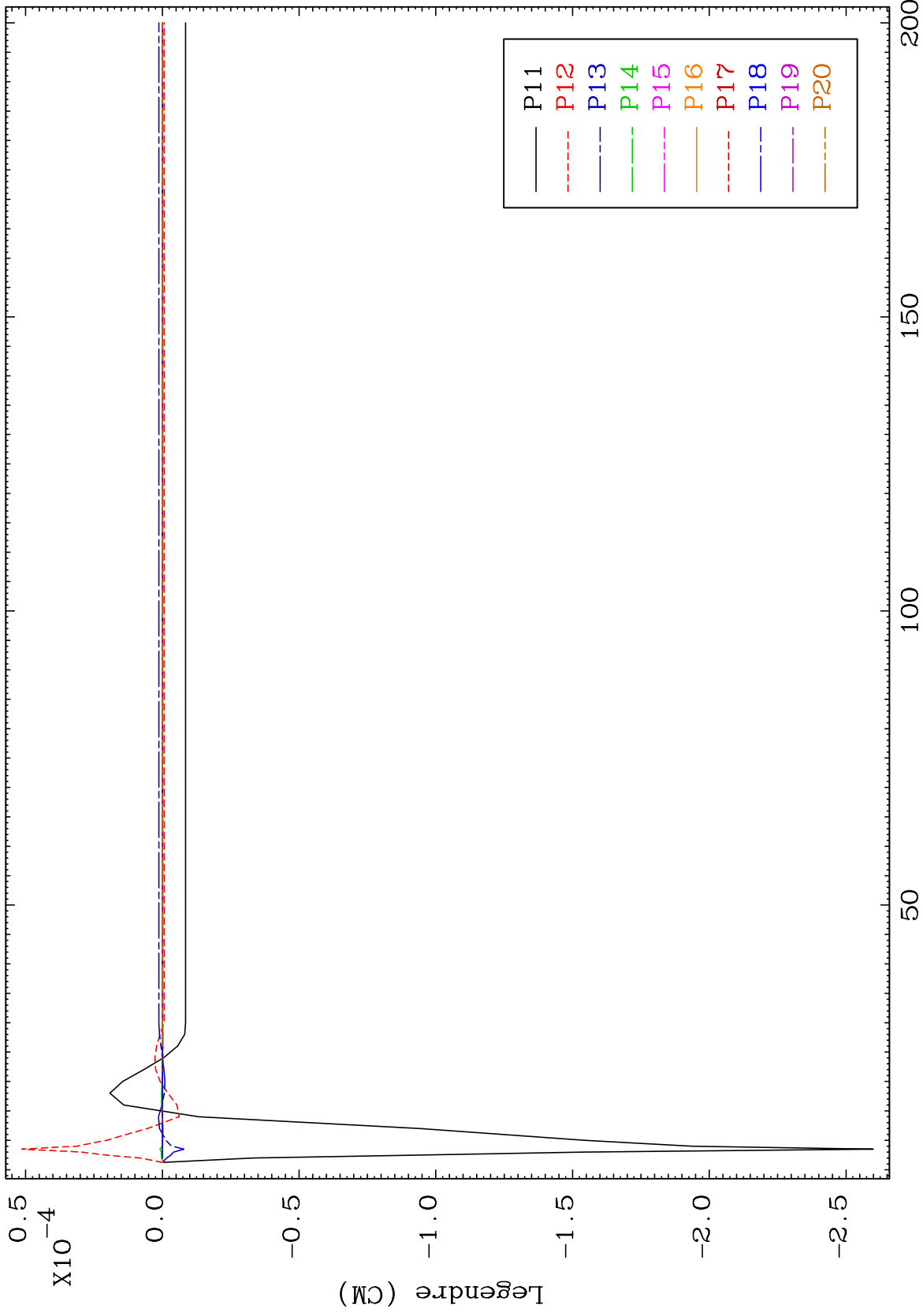


71-Lu-157

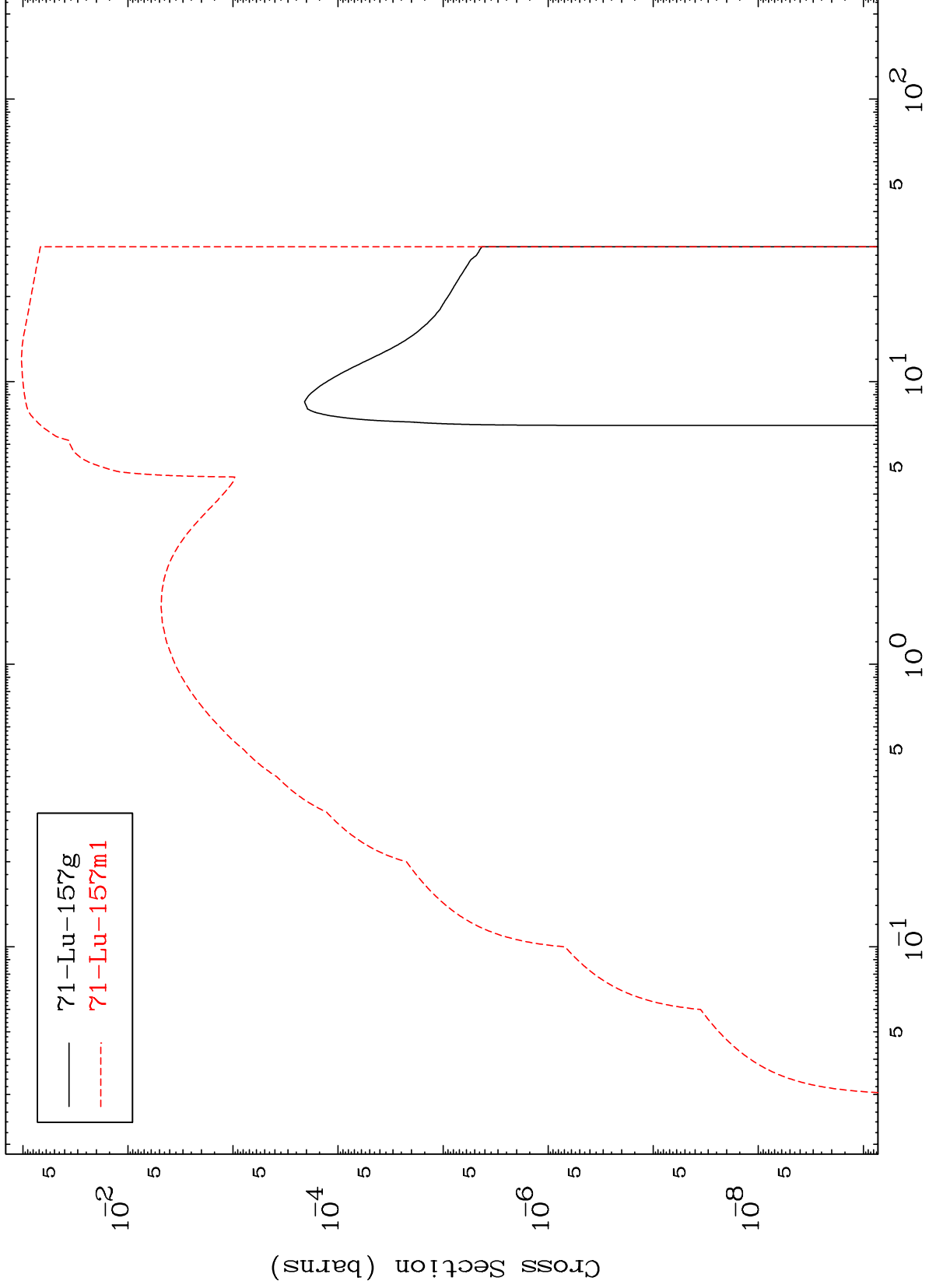
Incident Energy (MeV)

80

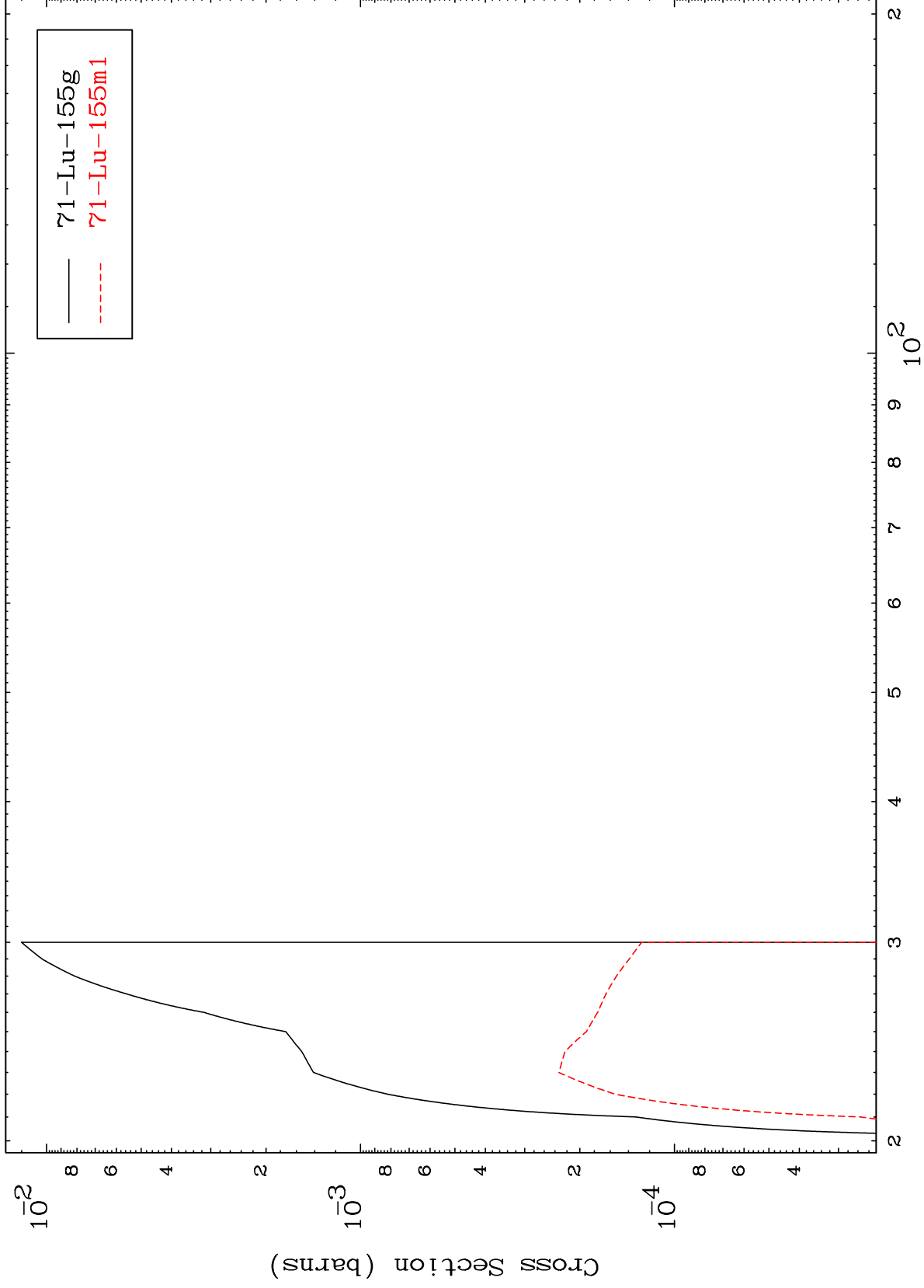




Radionuclide Production Cross Section



(n,3n)
Radionuclide Production Cross Section

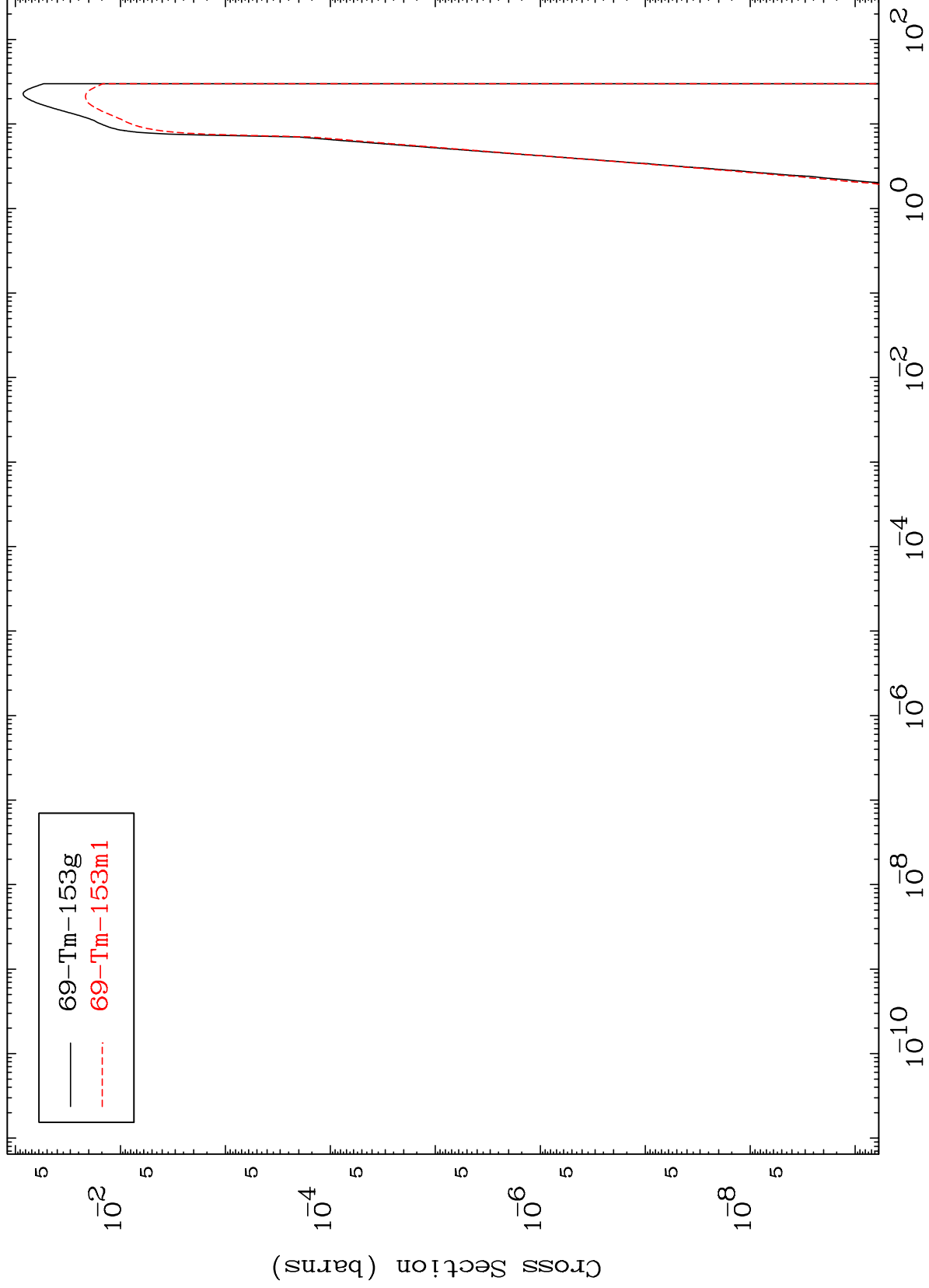


MAT 7071

(n,n') α

71-Lu-157

Radionuclide Production Cross Section



85

Incident Energy (MeV)

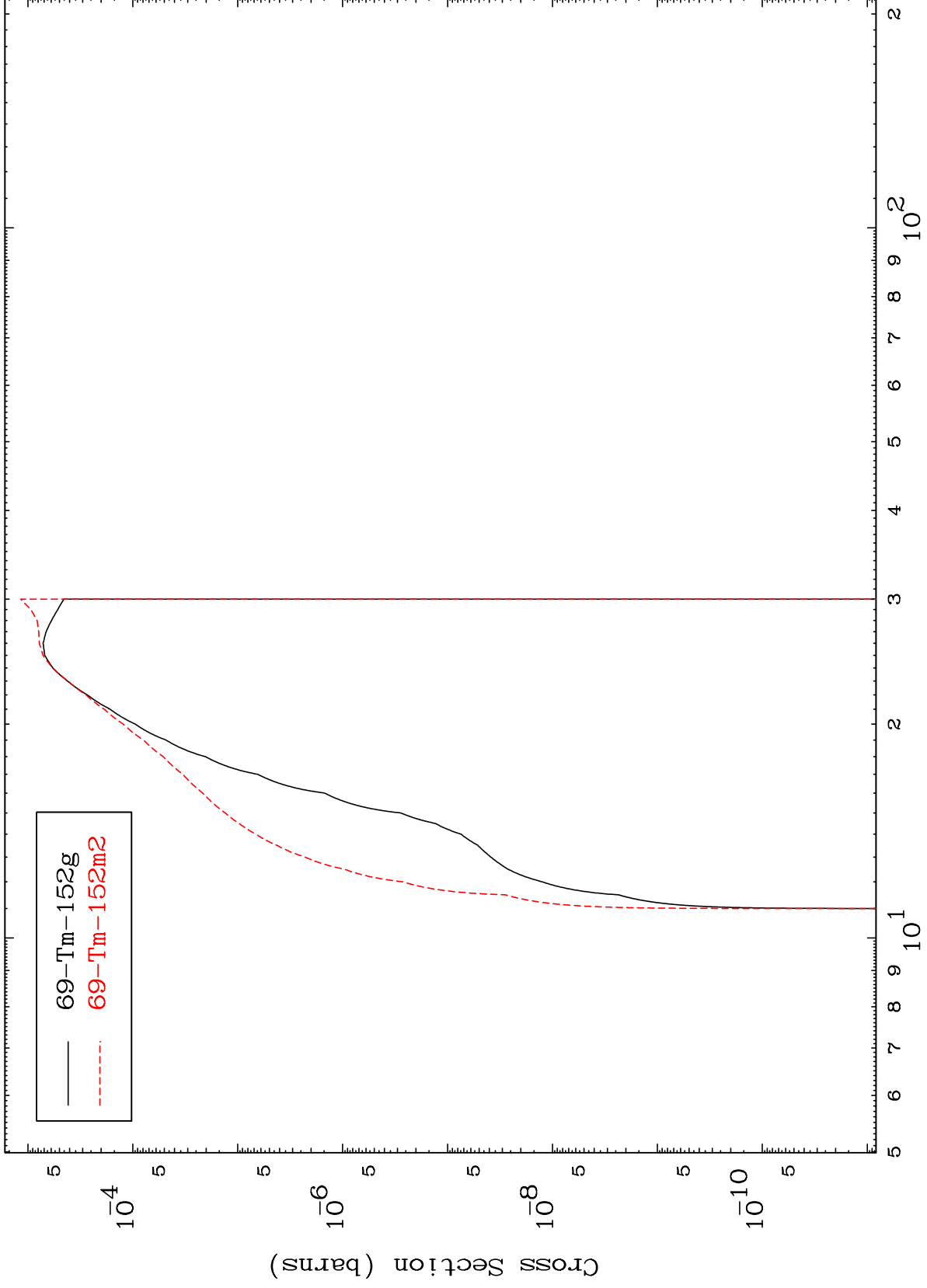
71-Lu-157

MAT 7071

$(n,2n) \alpha$

$^{71}\text{Lu-157}$

Radionuclide Production Cross Section

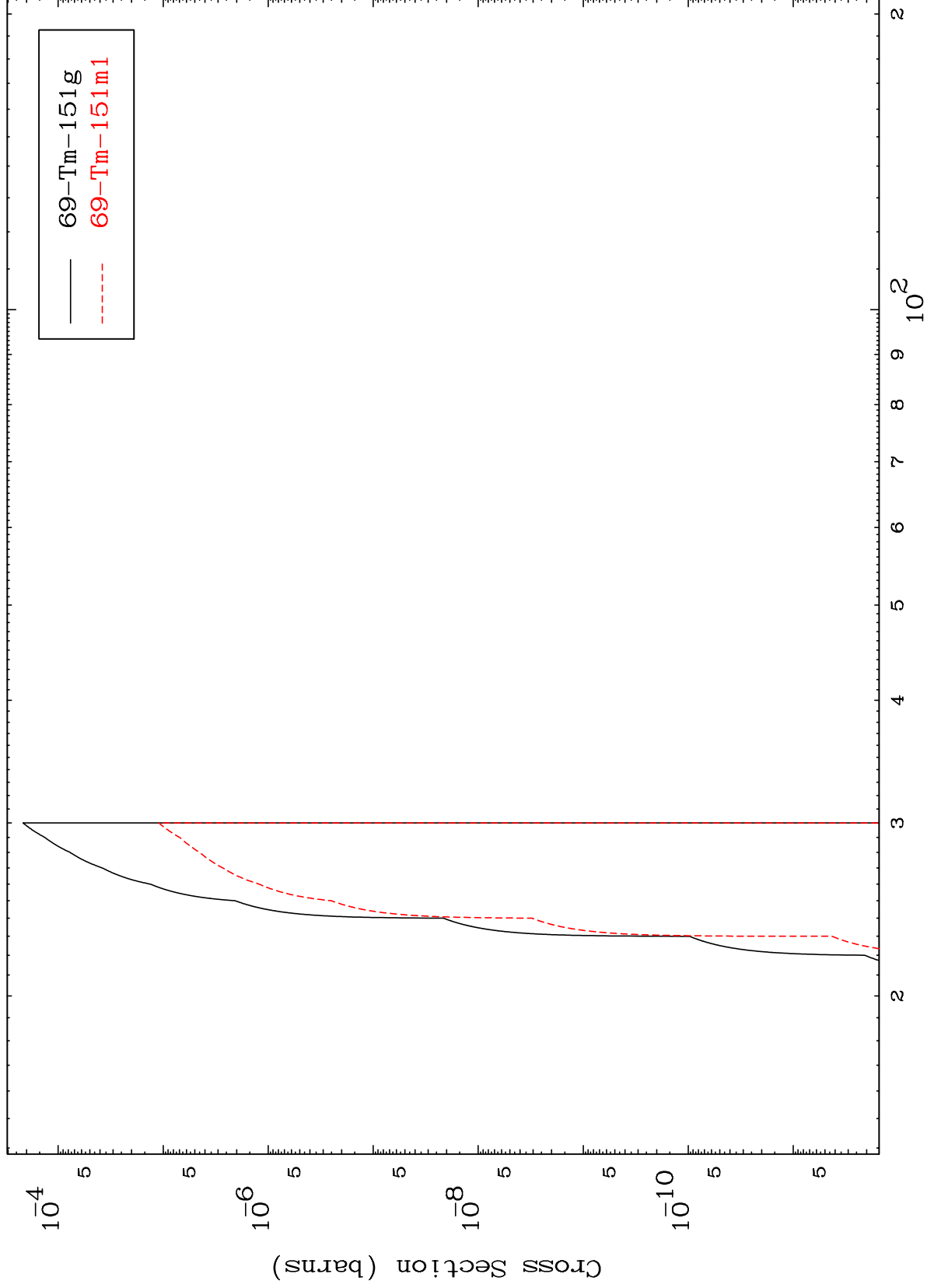


86

Incident Energy (MeV)

$^{71}\text{Lu-157}$

Radionuclide Production Cross Section

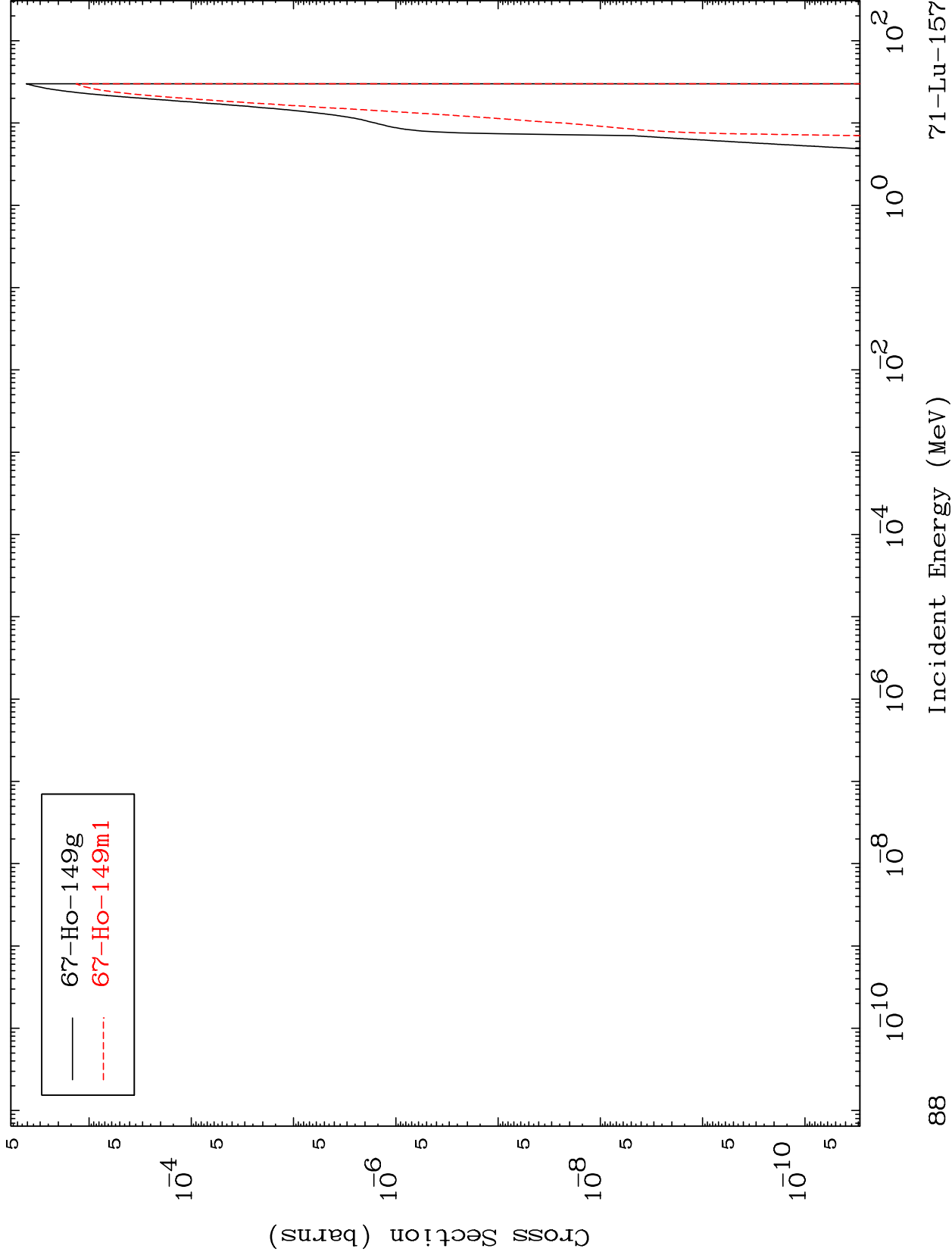


MAT 7071

(n,n') 2α

71-Lu-157

Radionuclide Production Cross Section

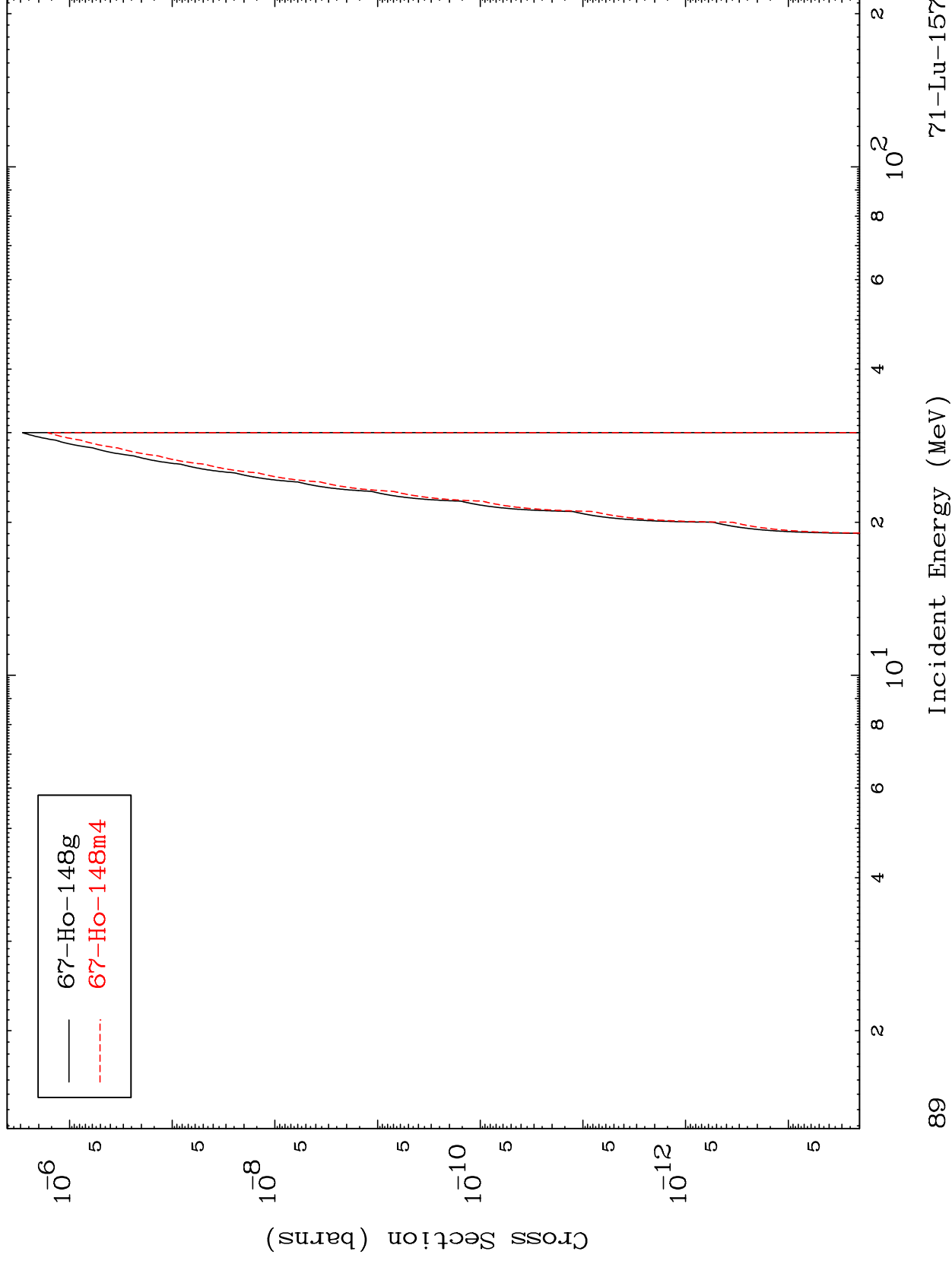


MAT 7071

(n,2n) 2α

71-Lu-157

Radionuclide Production Cross Section



89

Incident Energy (MeV)

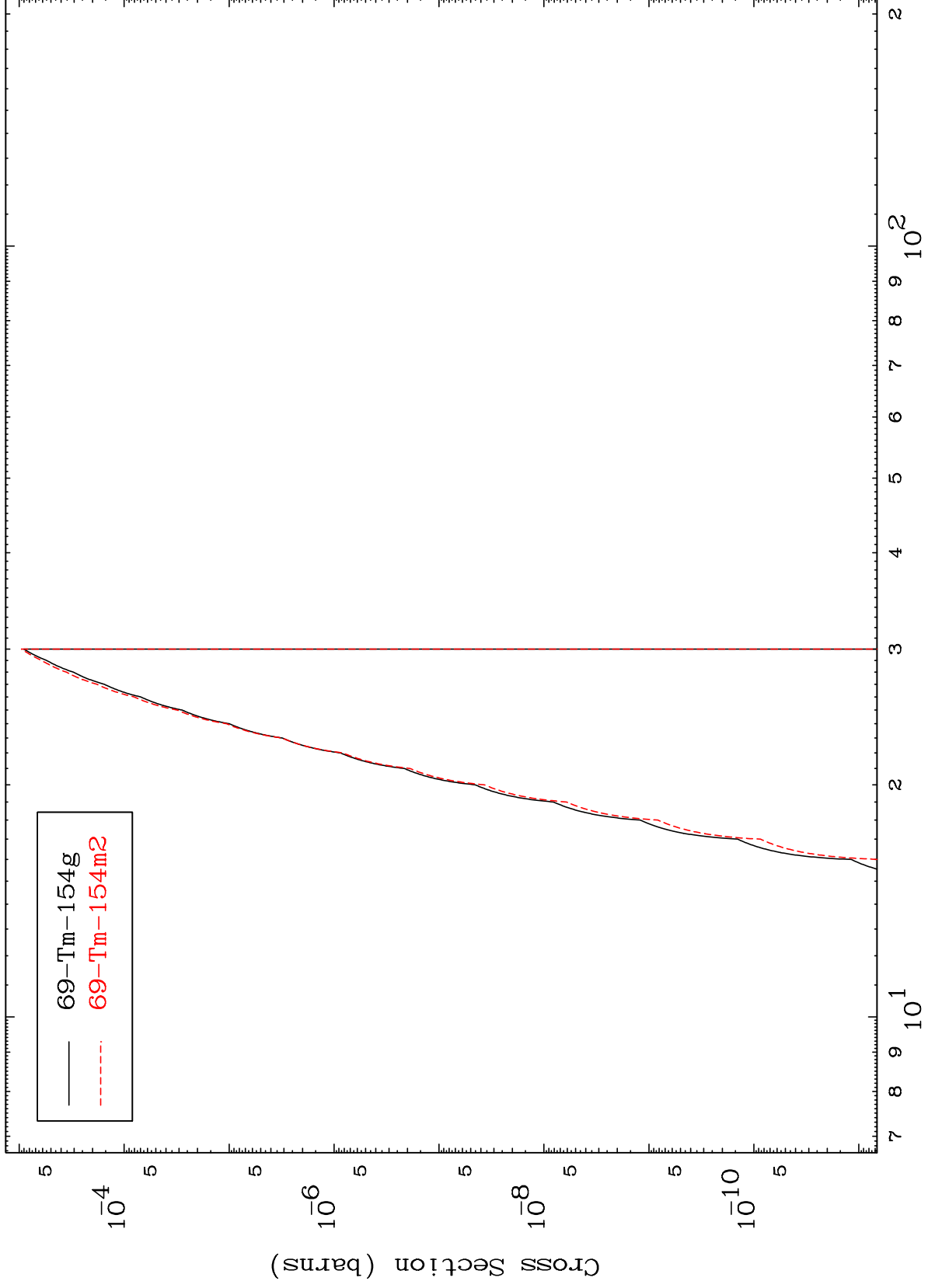
71-Lu-157

MAT 7071

(n,n') He-3

71-Lu-157

Radionuclide Production Cross Section



90

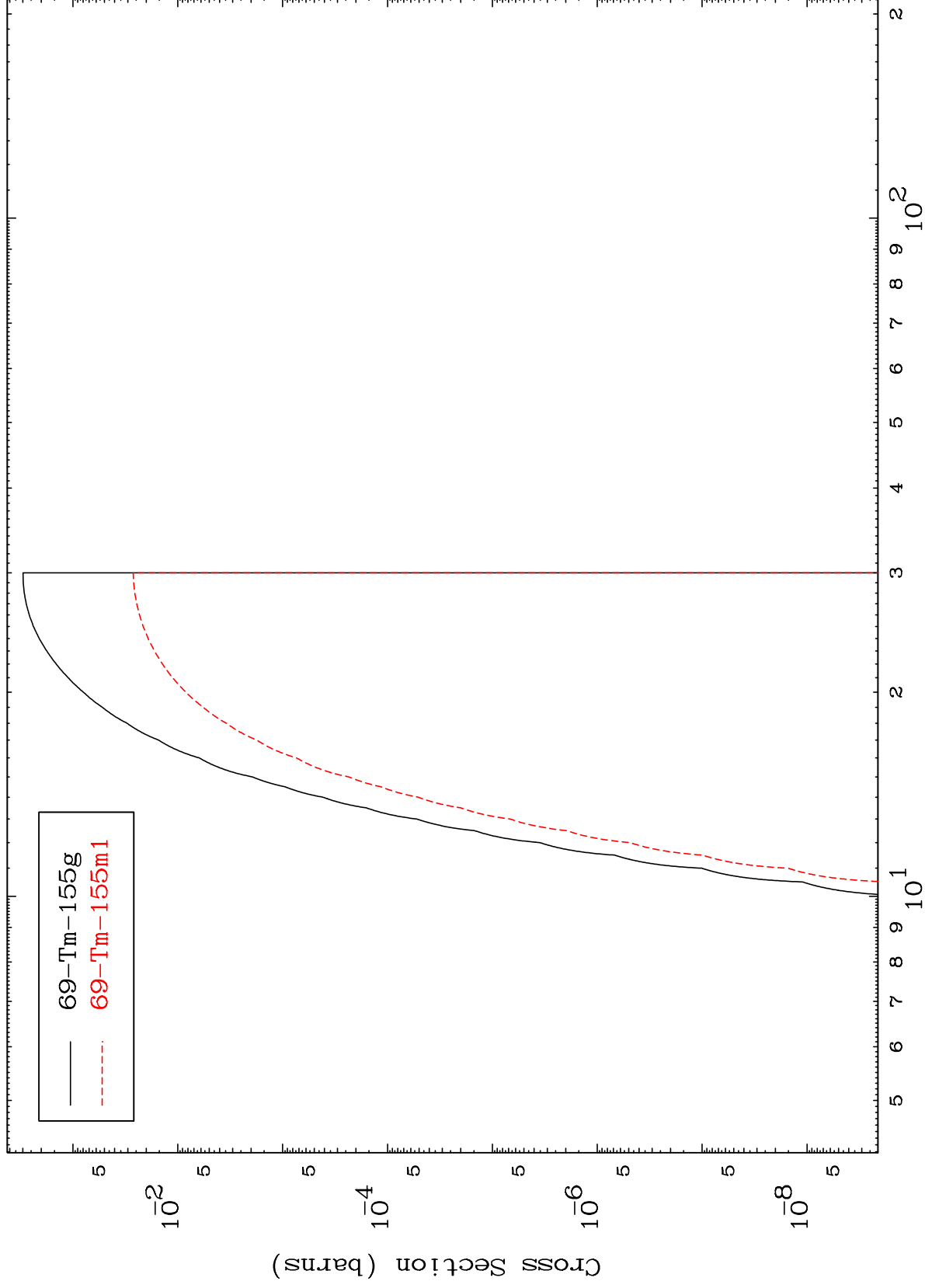
Incident Energy (MeV)

71-Lu-157

MAT 7071

71-Lu-157

(n,2n) p
Radionuclide Production Cross Section



91

Incident Energy (MeV)

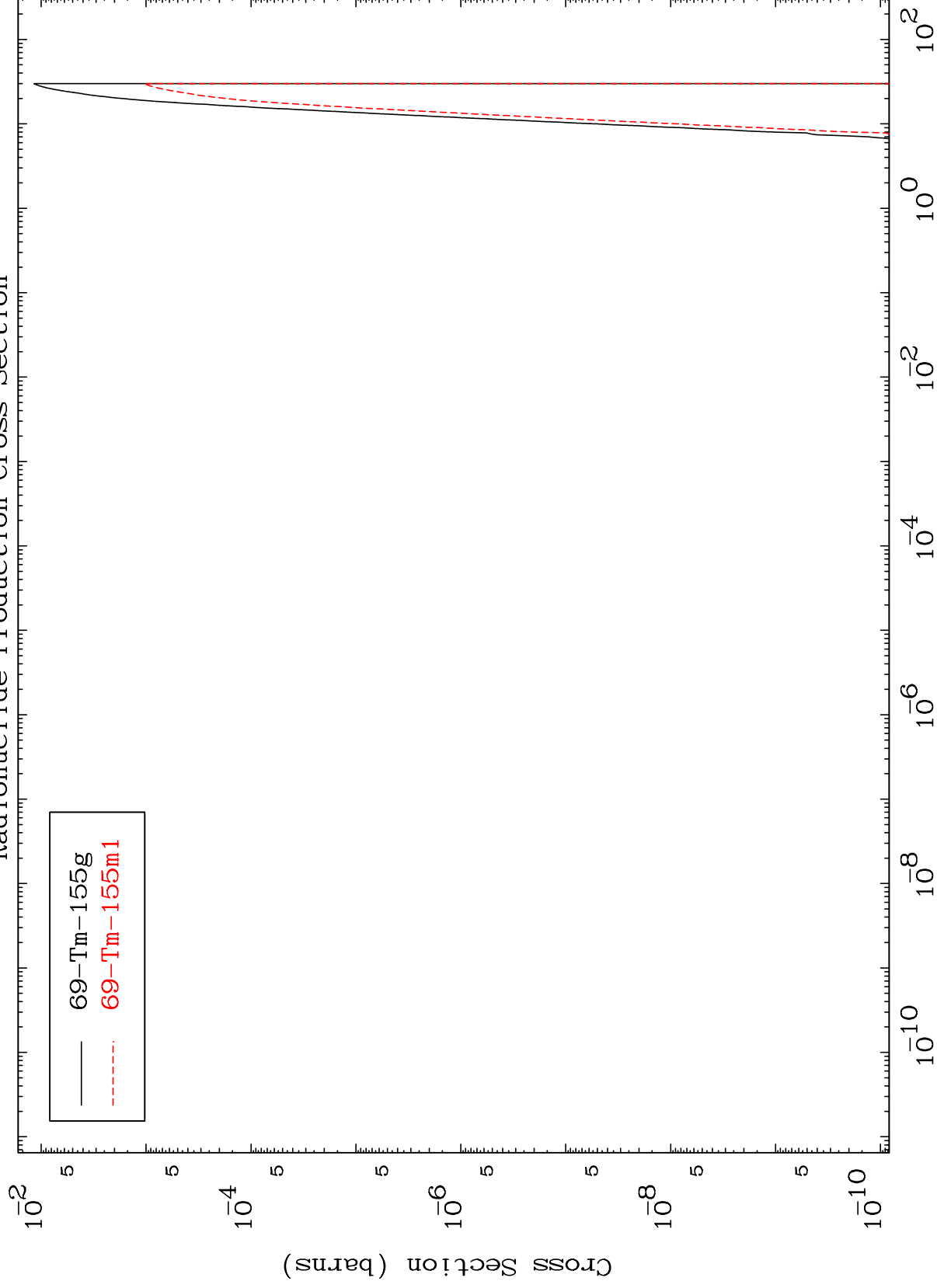
71-Lu-157

MAT 7071

(n,He-3)

71-Lu-157

Radionuclide Production Cross Section



92

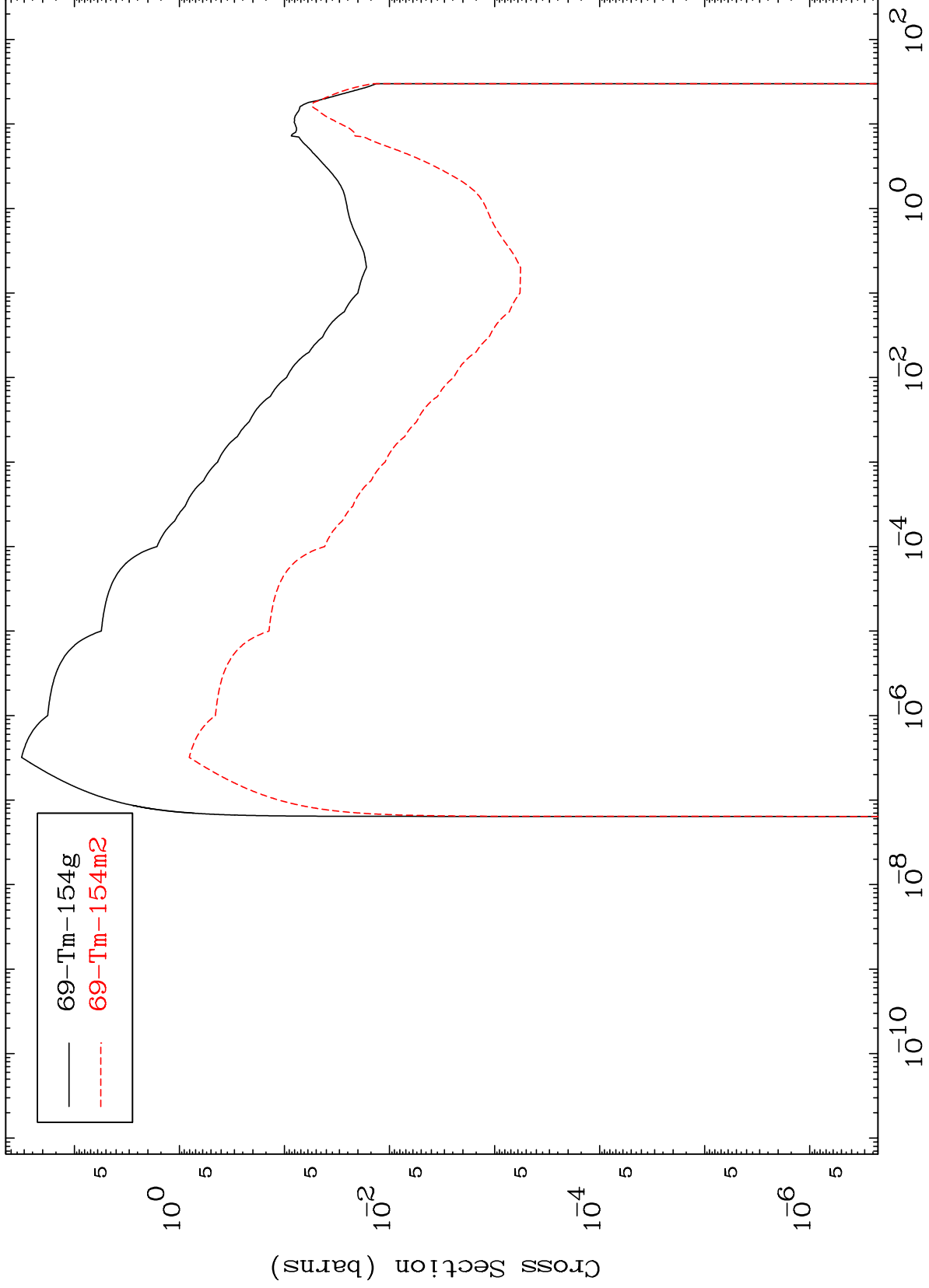
Incident Energy (MeV)

71-Lu-157

MAT 7071

71-Lu-157

Radionuclide Production Cross Section
(n, α)



93

Incident Energy (MeV)

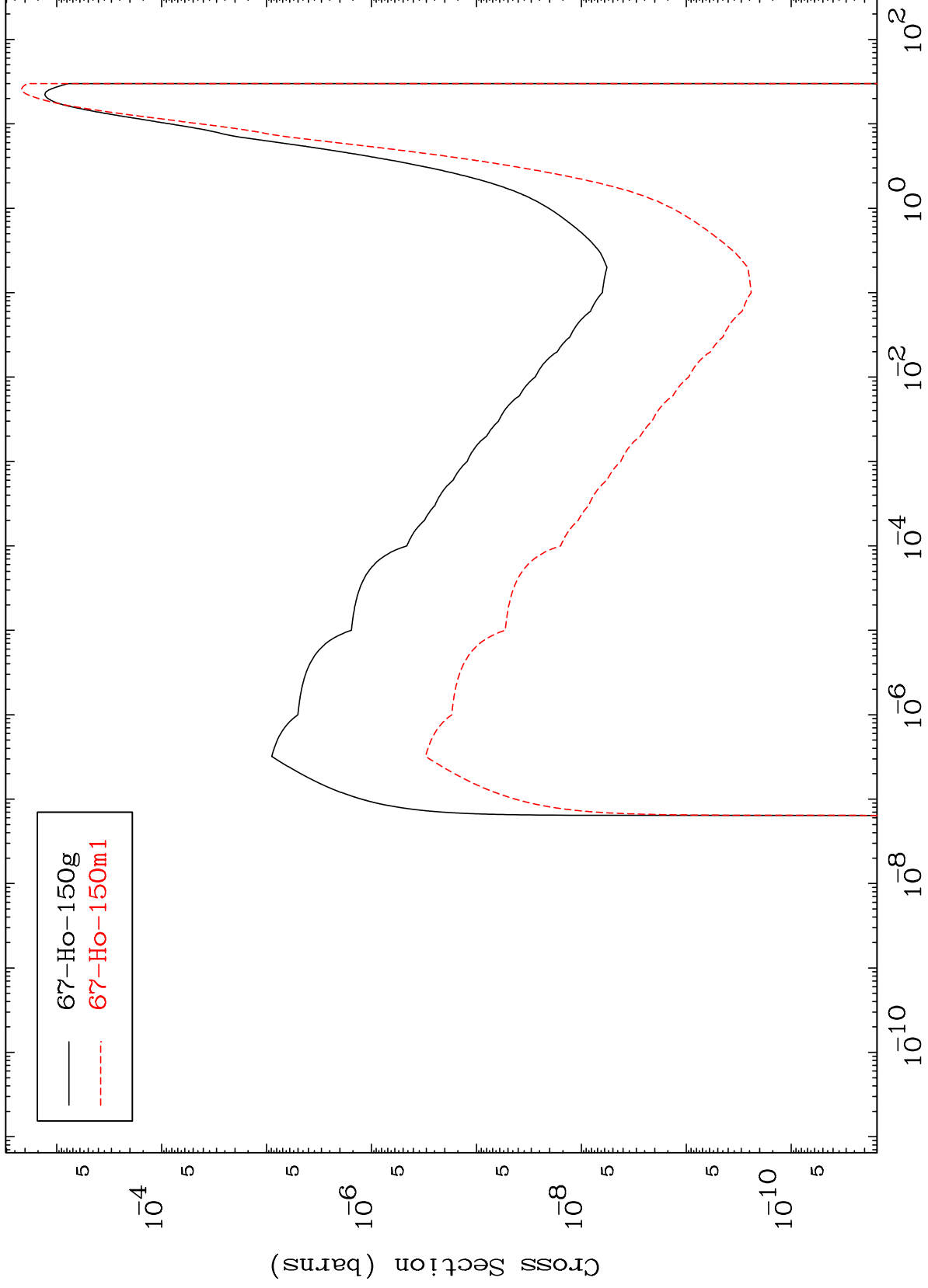
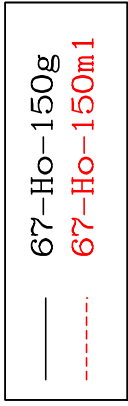
71-Lu-157

MAT 7071

(n,2α)

71-Lu-157

Radionuclide Production Cross Section

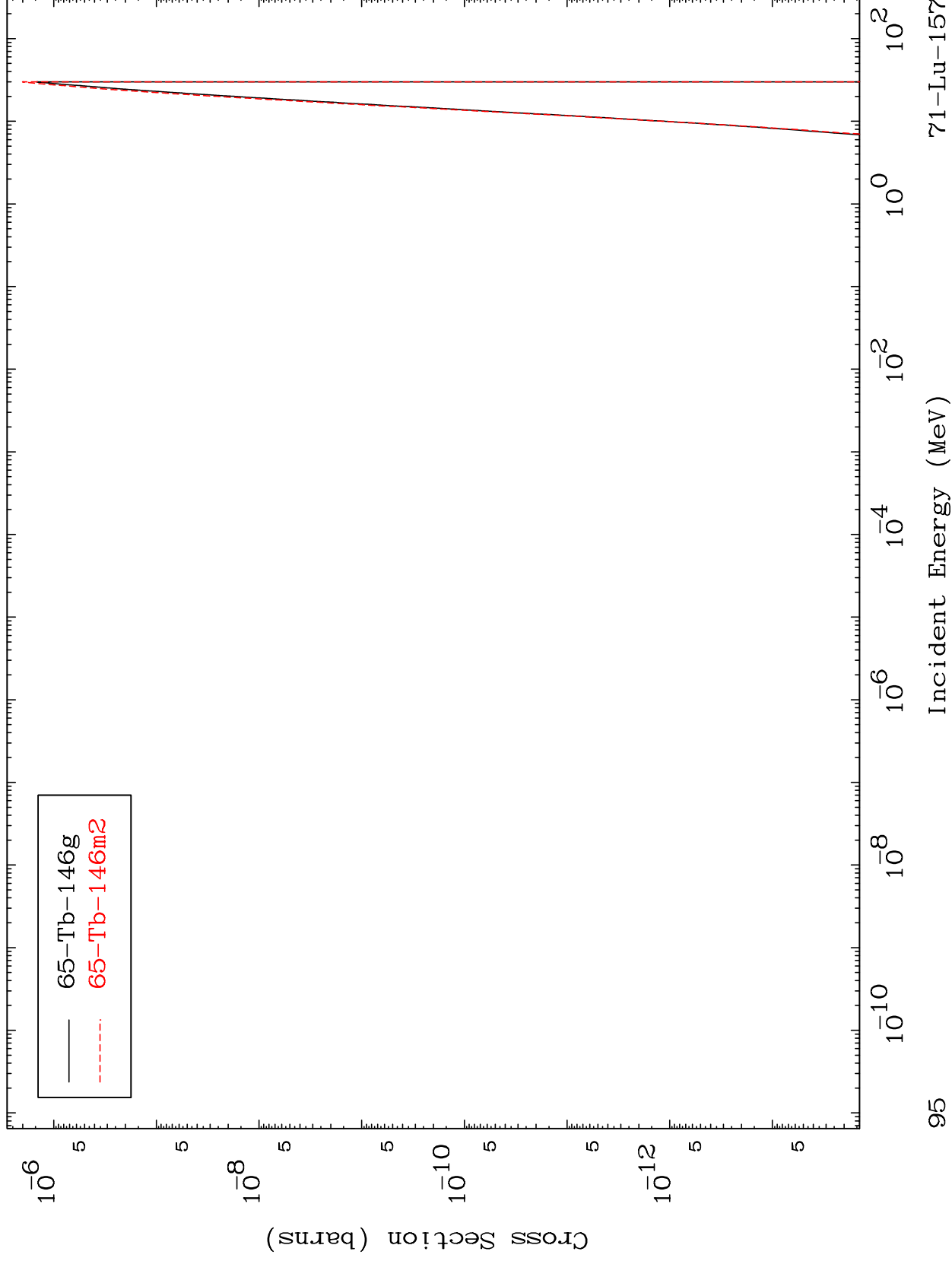


MAT 7071

(n,3 α)

⁷¹Lu-157

Radionuclide Production Cross Section



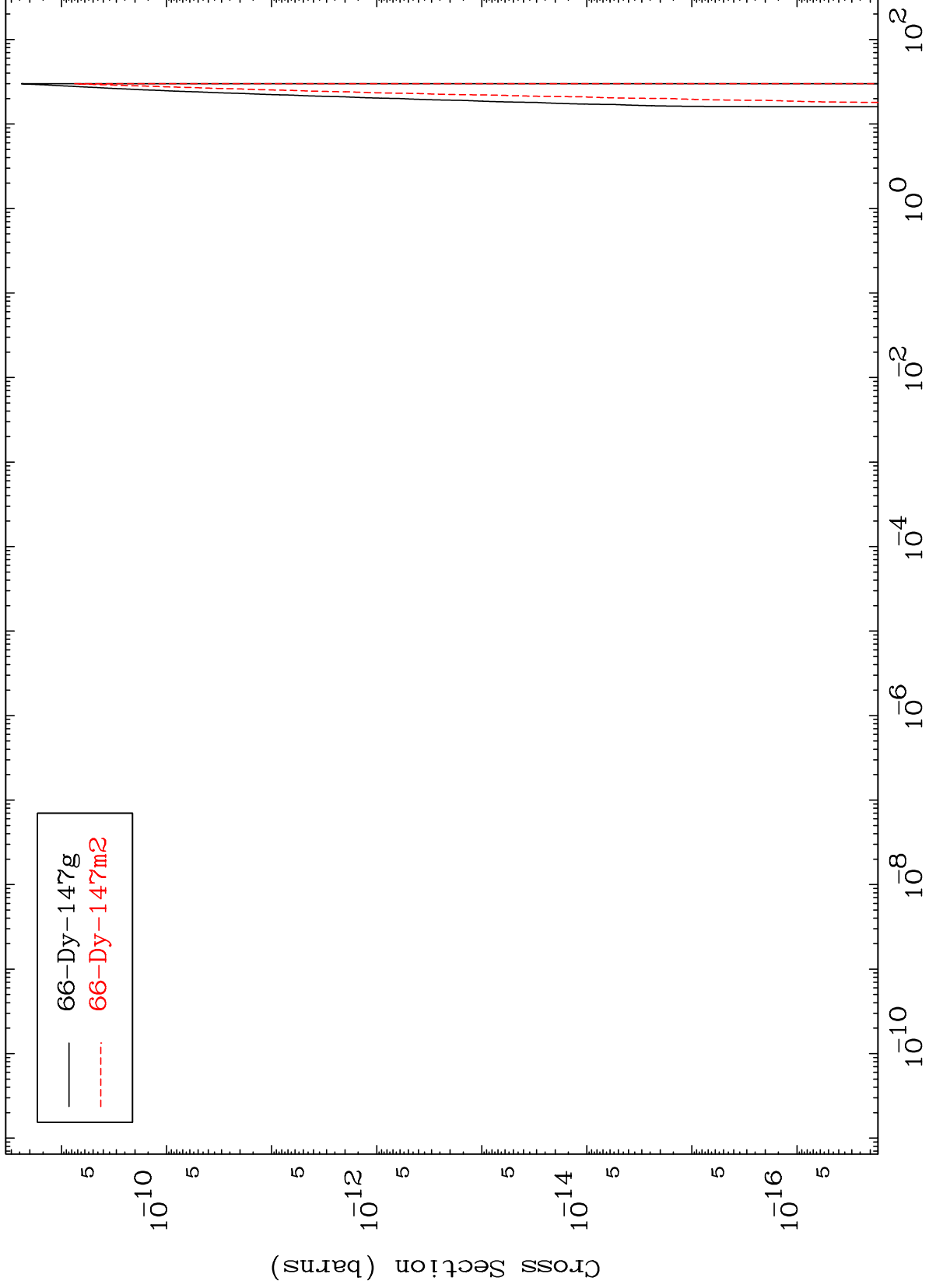
95

MAT 7071

$(n, t) 2\alpha$

$^{71}\text{Lu-157}$

Radionuclide Production Cross Section



96

Incident Energy (MeV)

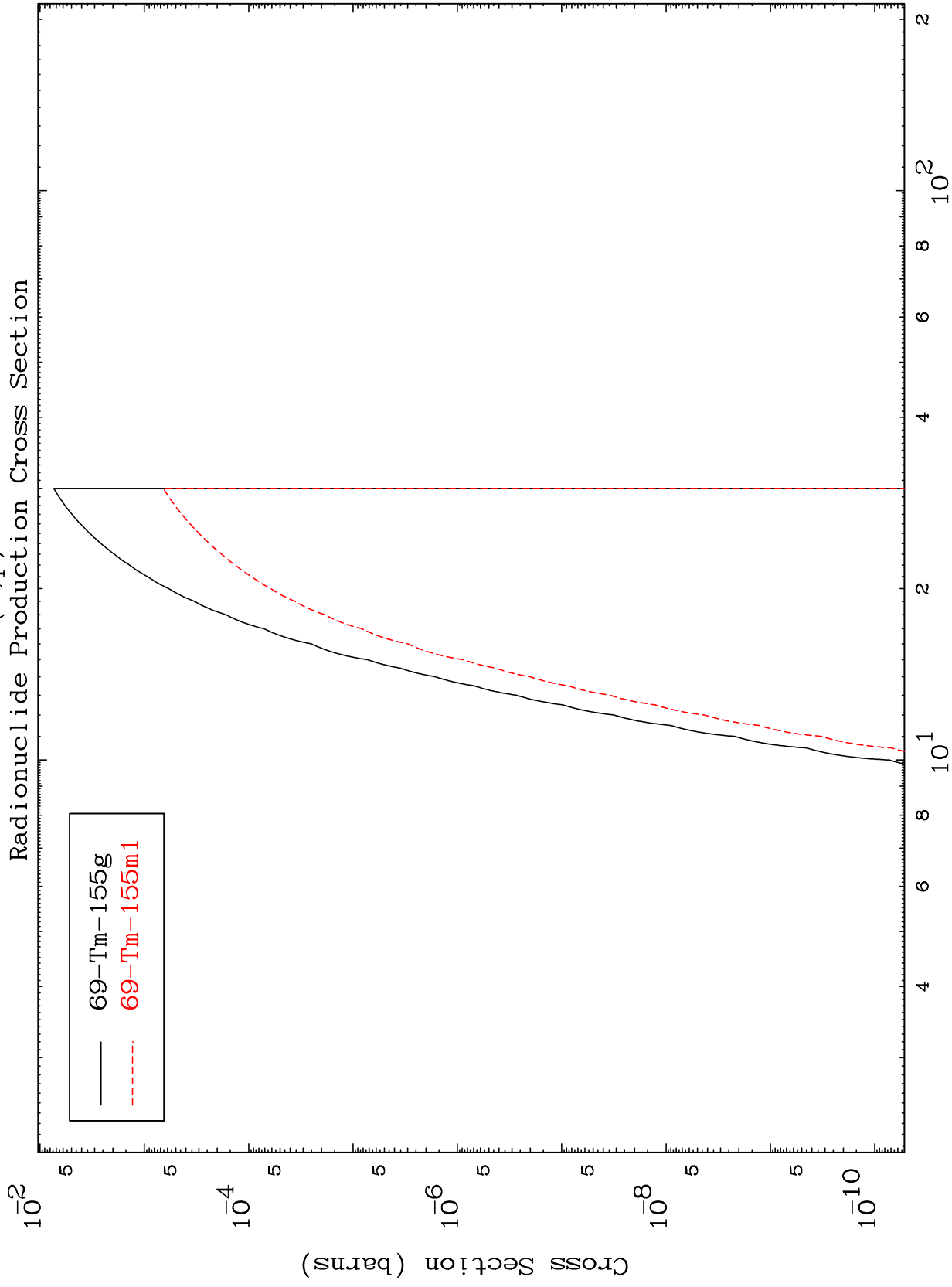
$^{71}\text{Lu-157}$

MAT 7071

(n,p) d

⁷¹Lu-157

Radionuclide Production Cross Section



97

Incident Energy (MeV)

⁷¹Lu-157

Radionuclide Production Cross Section

