

Program EVALPLOT
(Version 2021-1)

by

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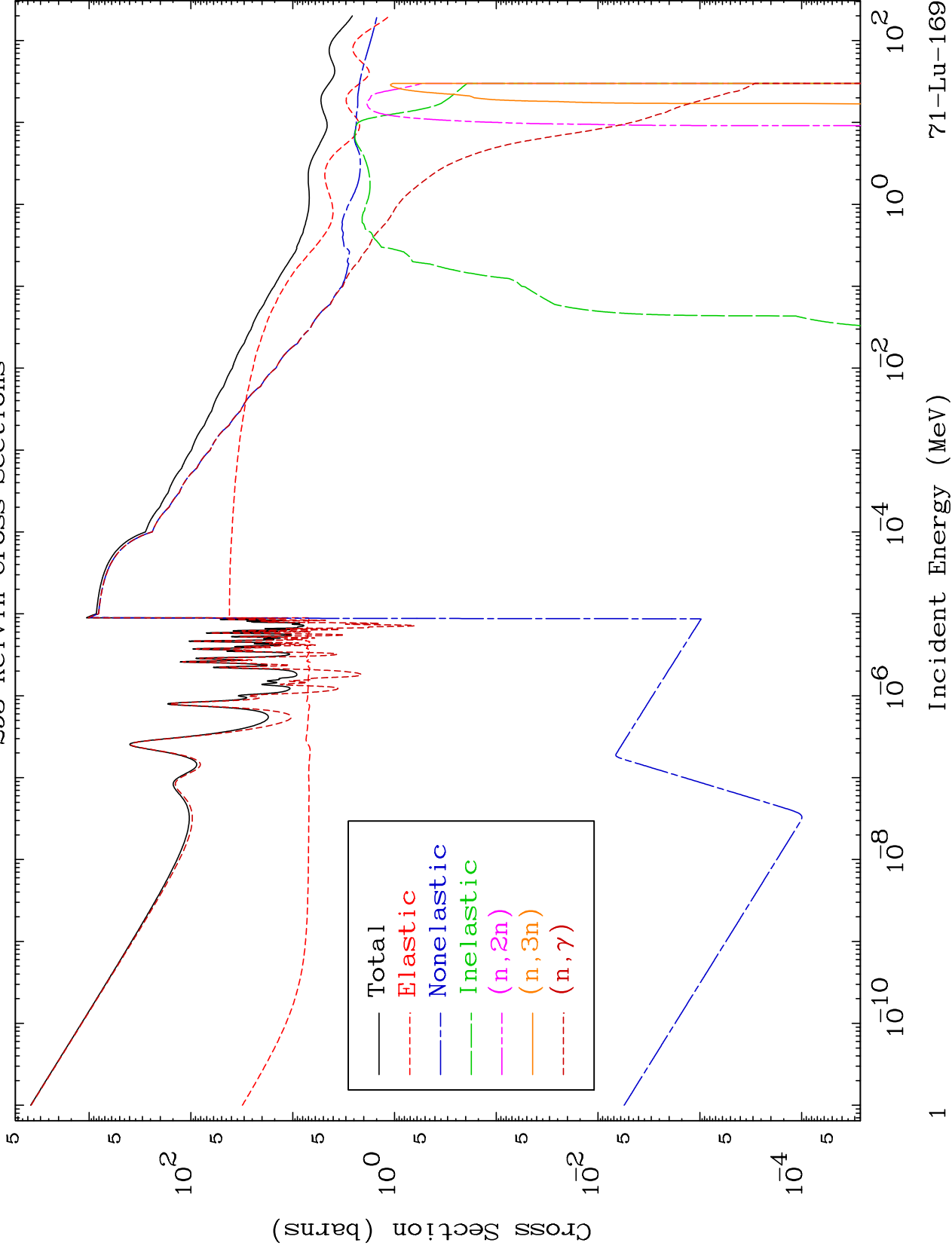
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7107

Neutron Major
293 Kelvin Cross Sections

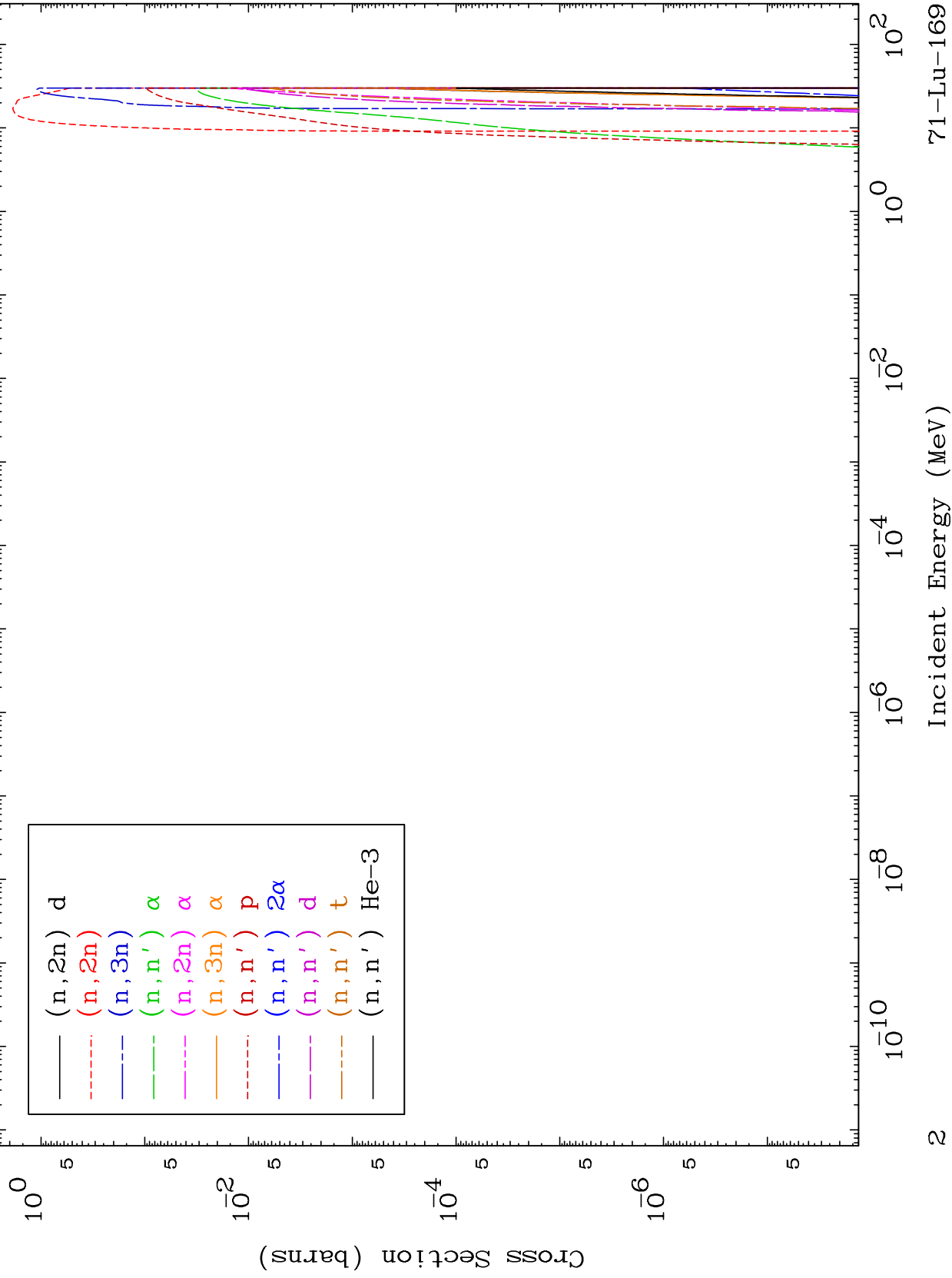
71-Lu-169

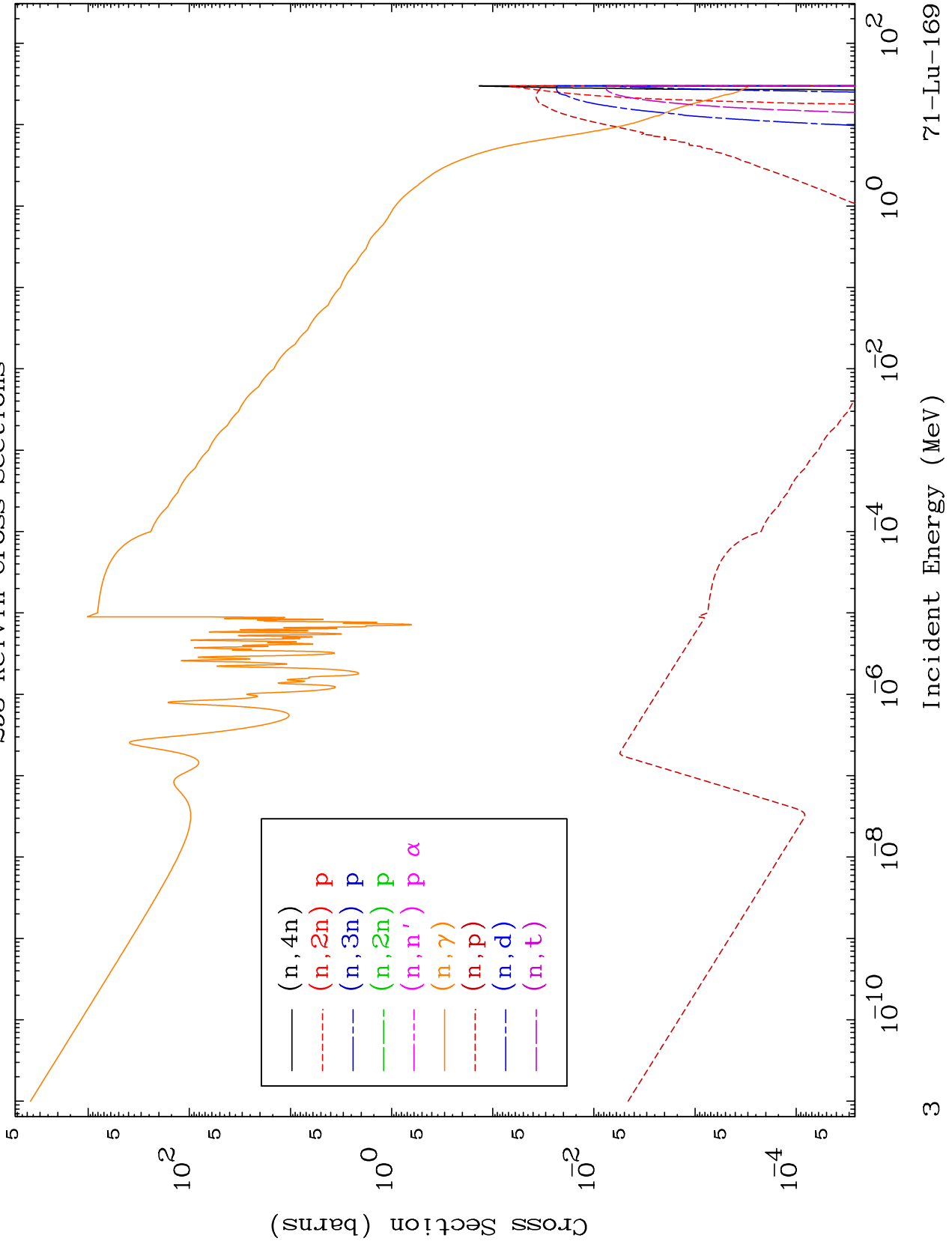


MAT 7107

Neutron Absorption
293 Kelvin Cross Sections

71-Lu-169

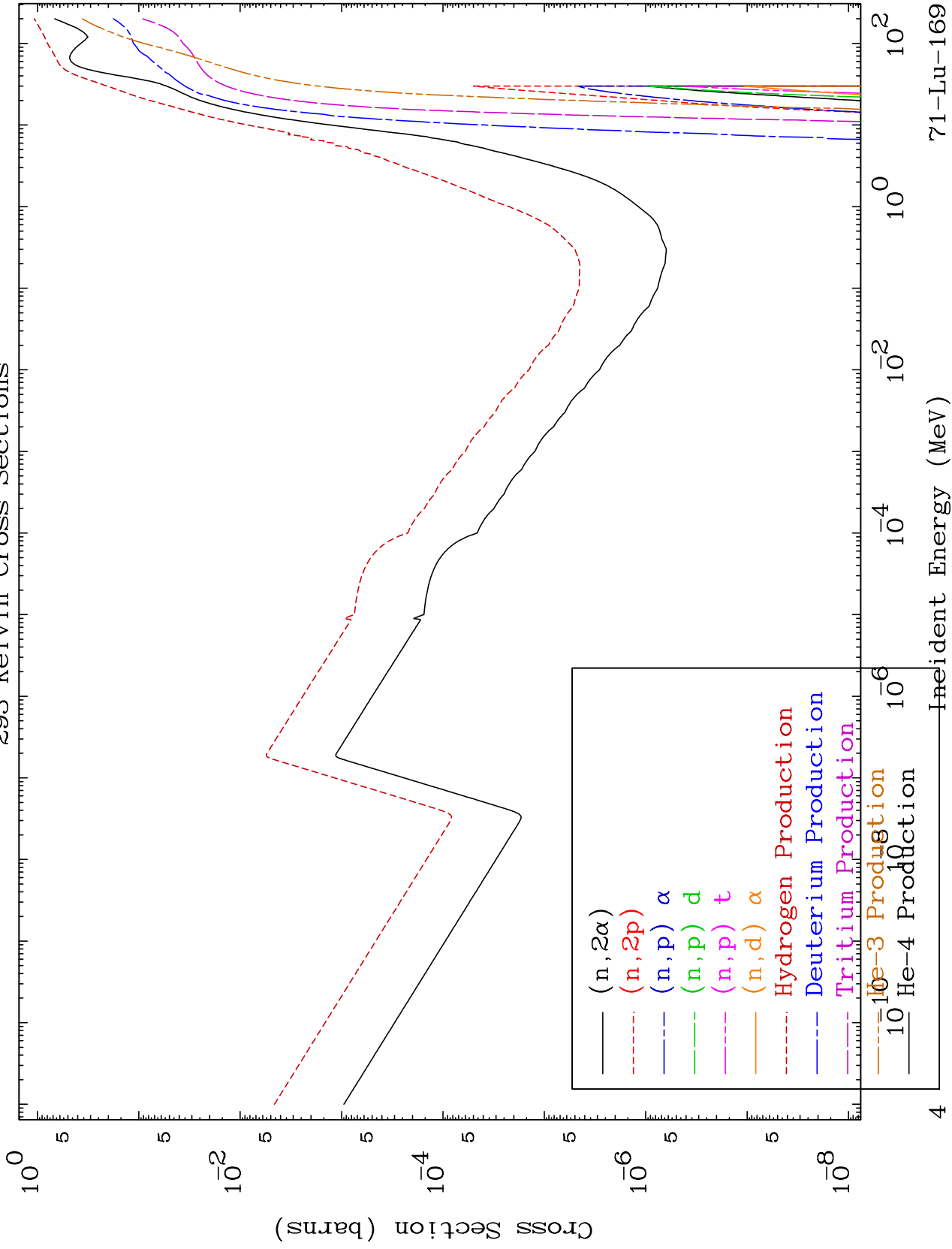




MAT 7107

Neutron Absorption
293 Kelvin Cross Sections

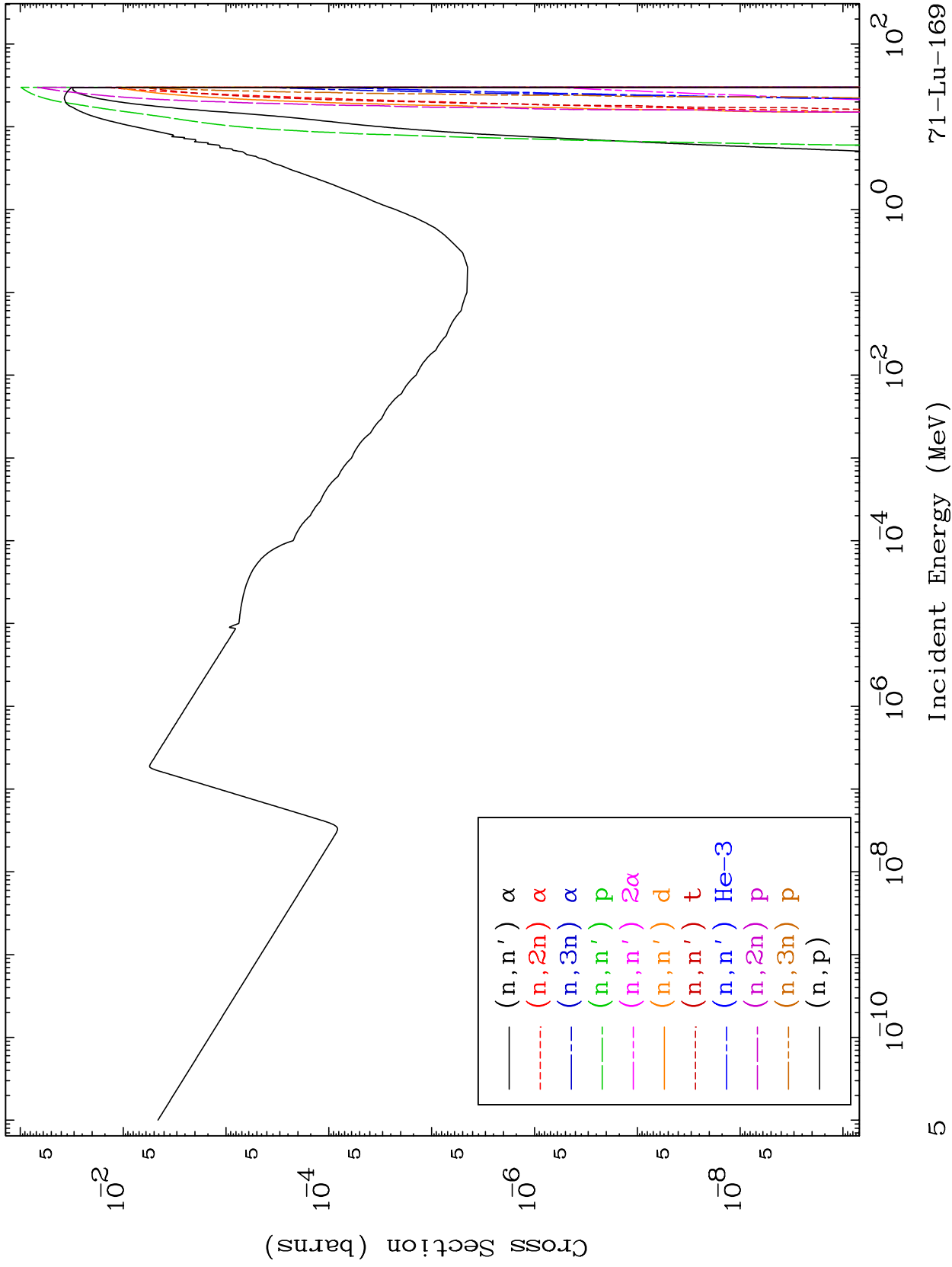
71-Lu-169



MAT 7107

Charged Particle
293 Kelvin Cross Sections

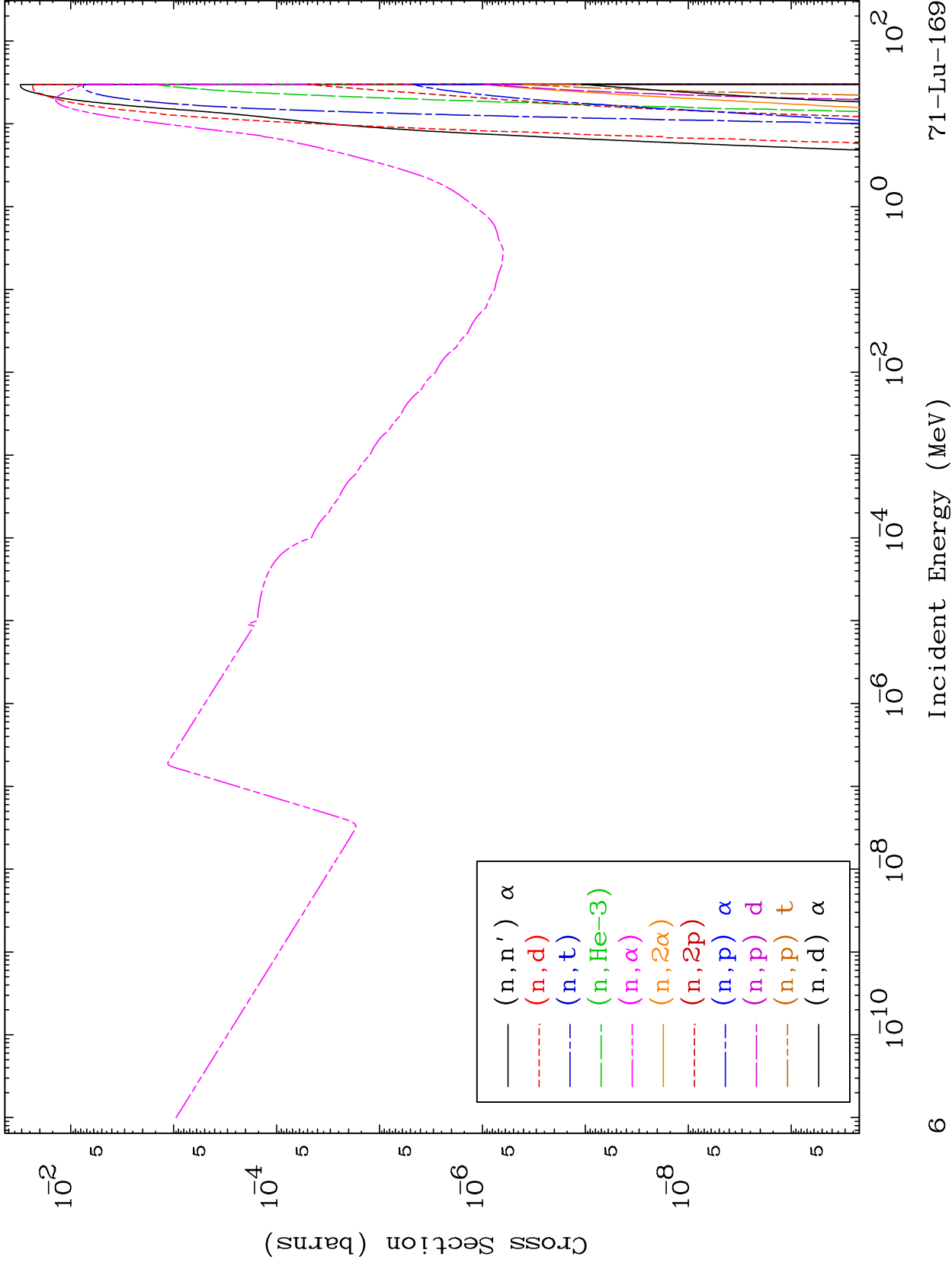
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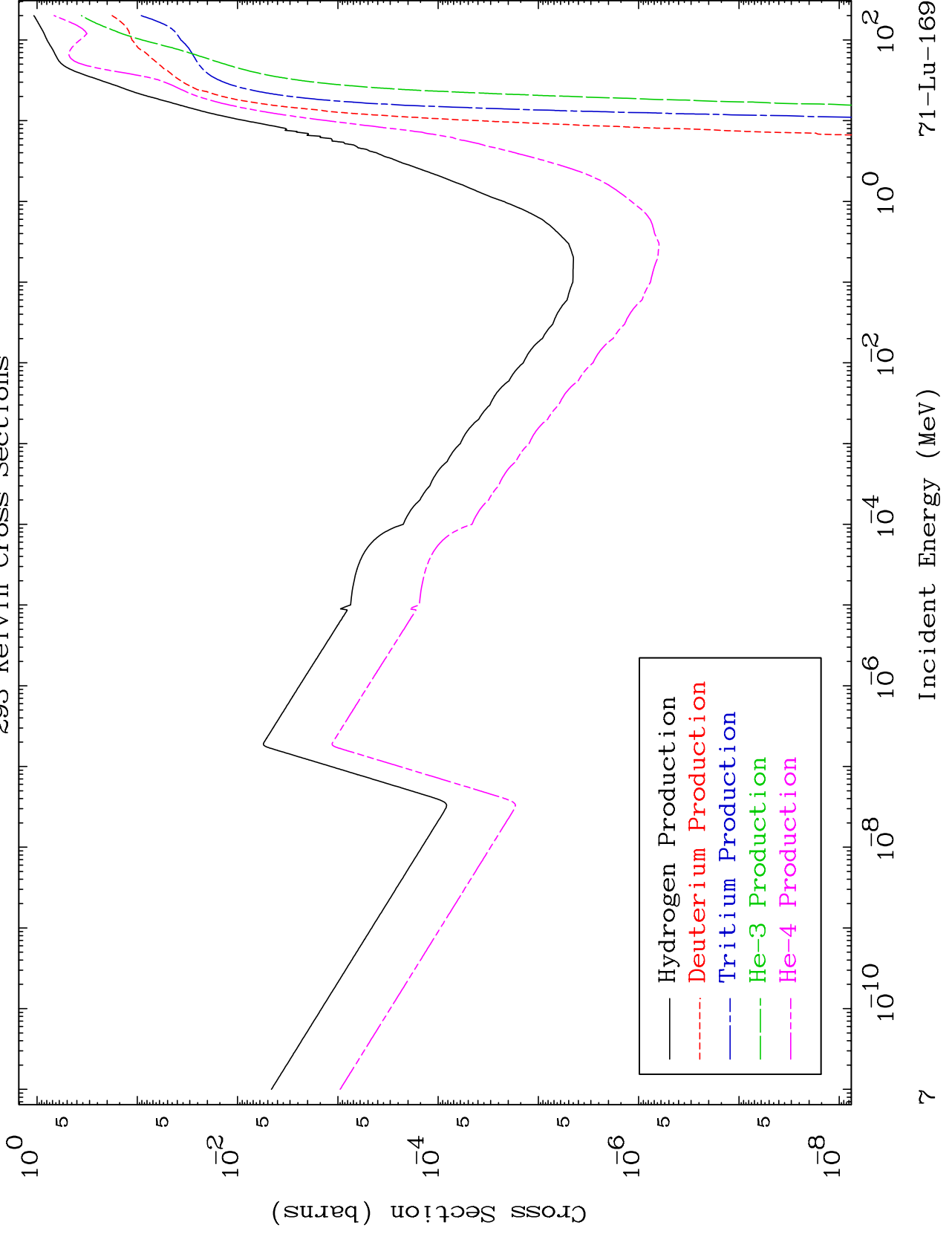


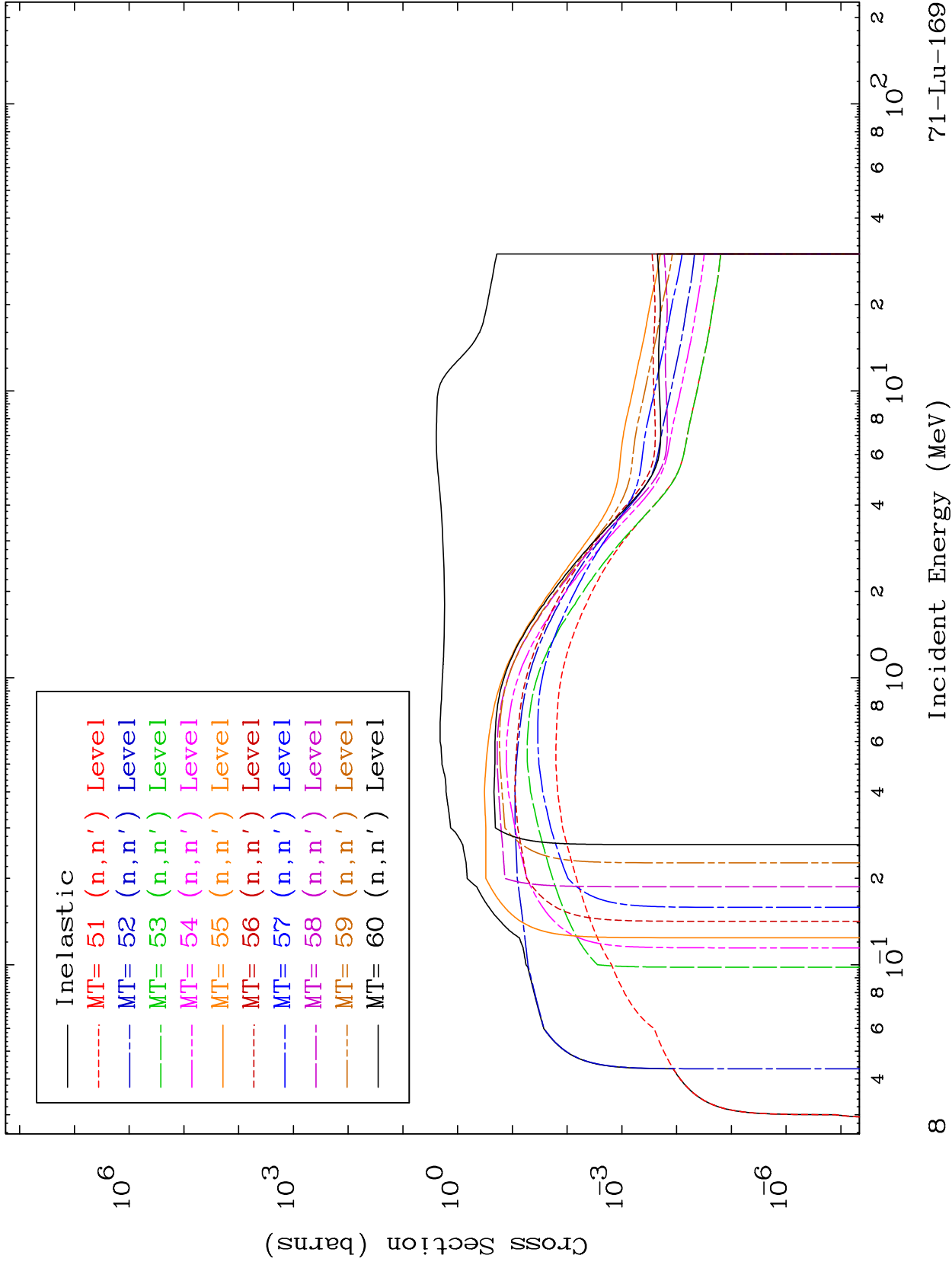
MAT 7107

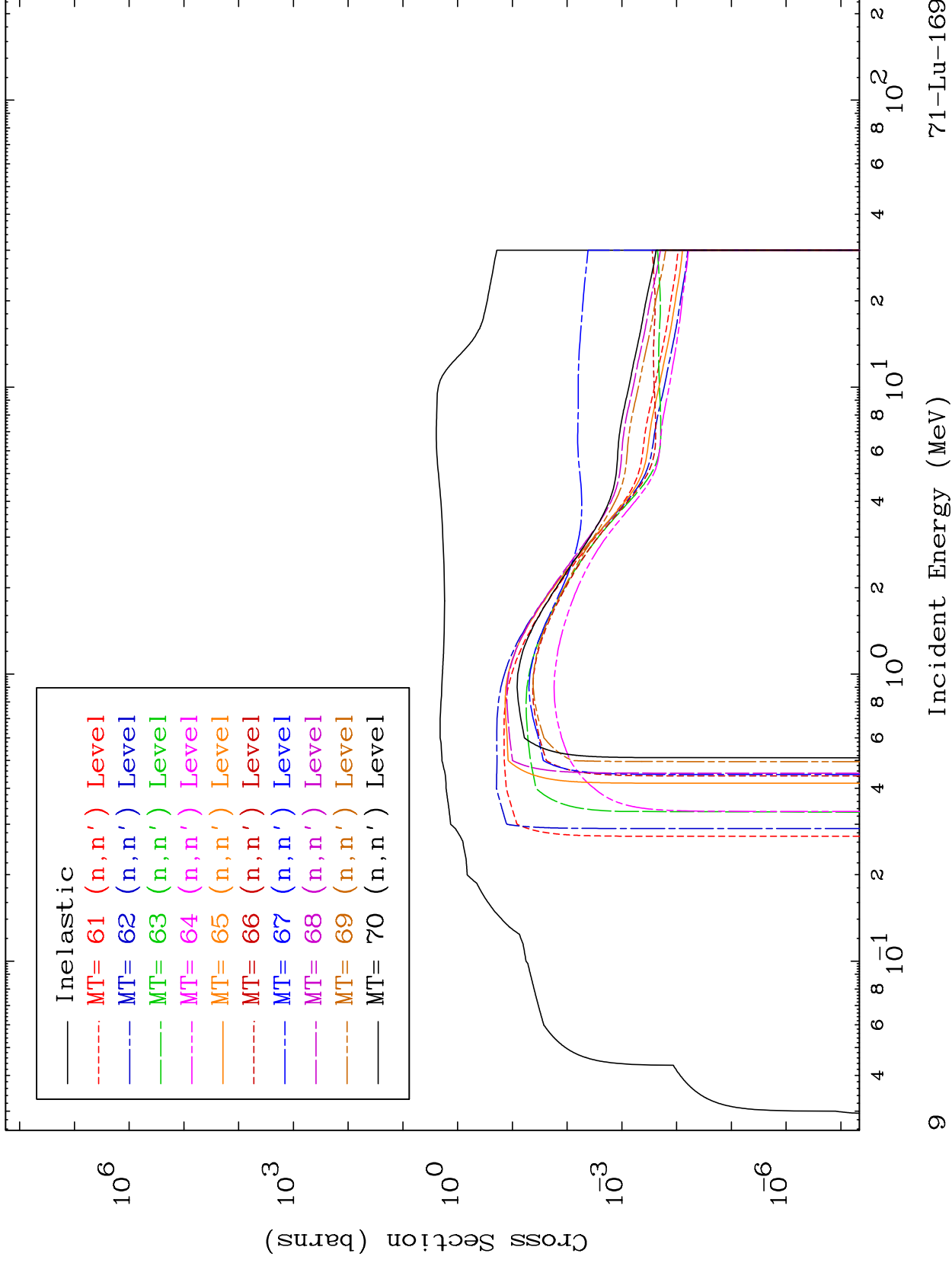
Charged Particle
293 Kelvin Cross Sections

71-Lu-169





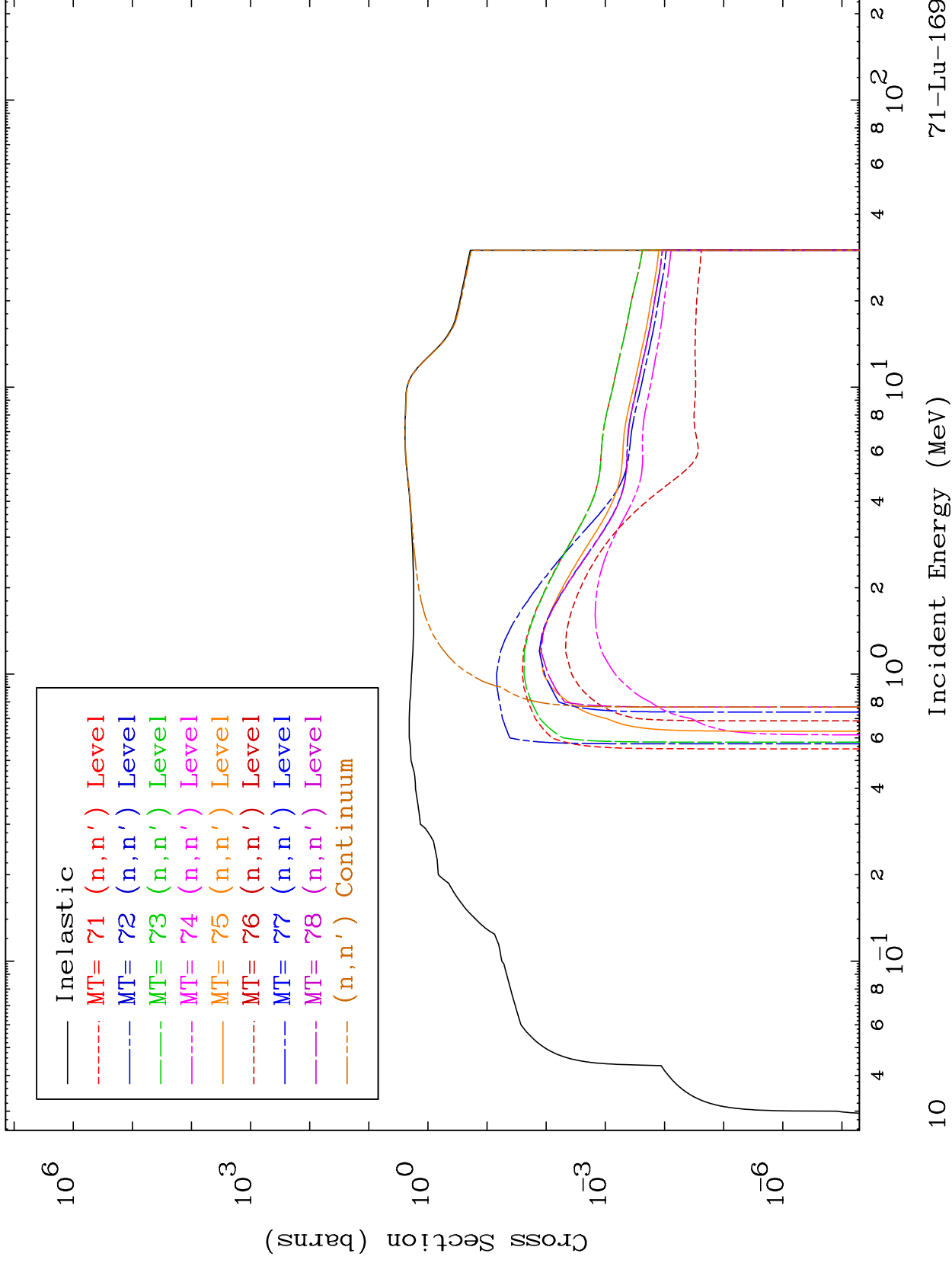




MAT 7107

(n,n') Levels
293 Kelvin Cross Sections

71-Lu-169



10

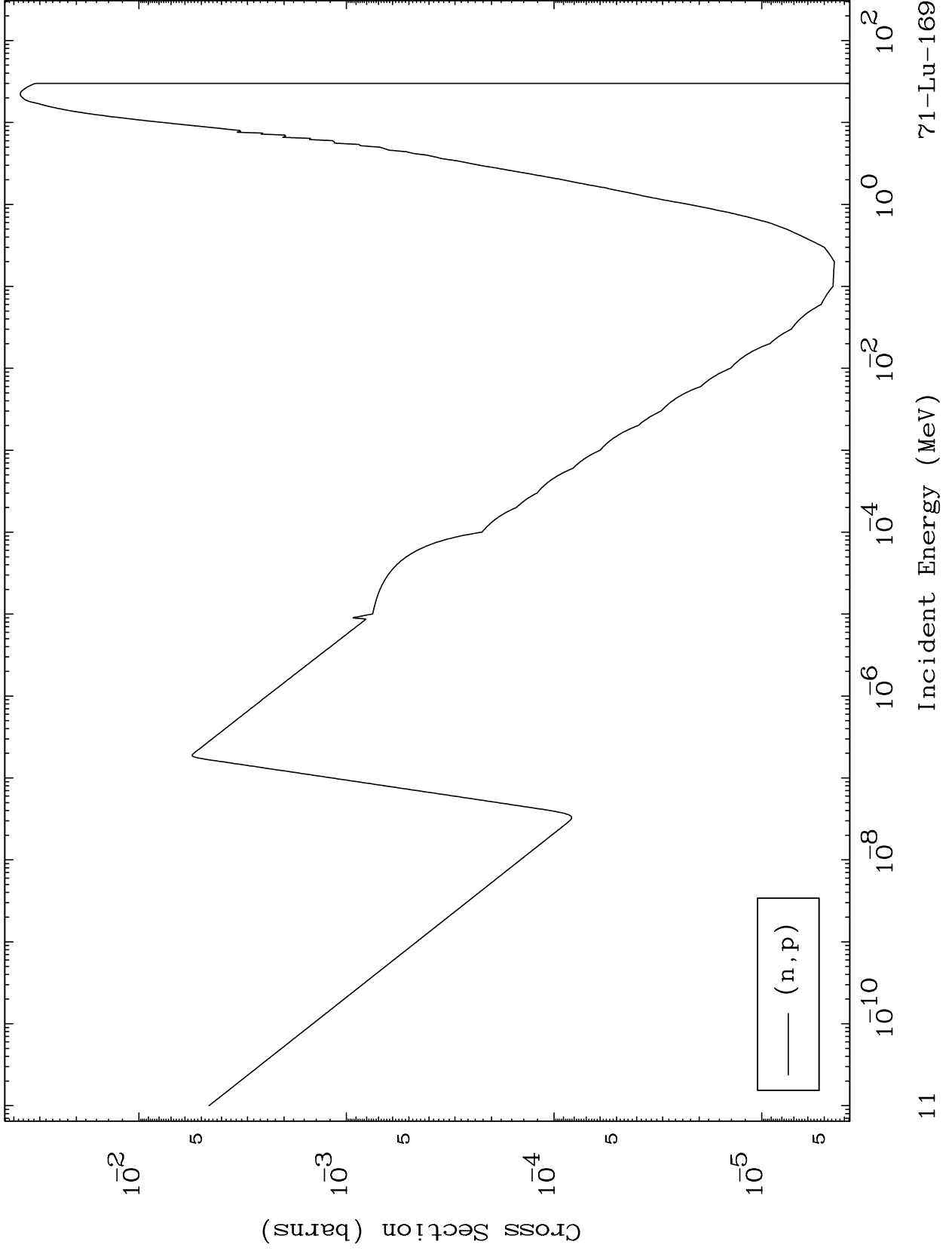
Incident Energy (MeV)

71-Lu-169

MAT 7107

(n,p) Levels
293 Kelvin Cross Sections

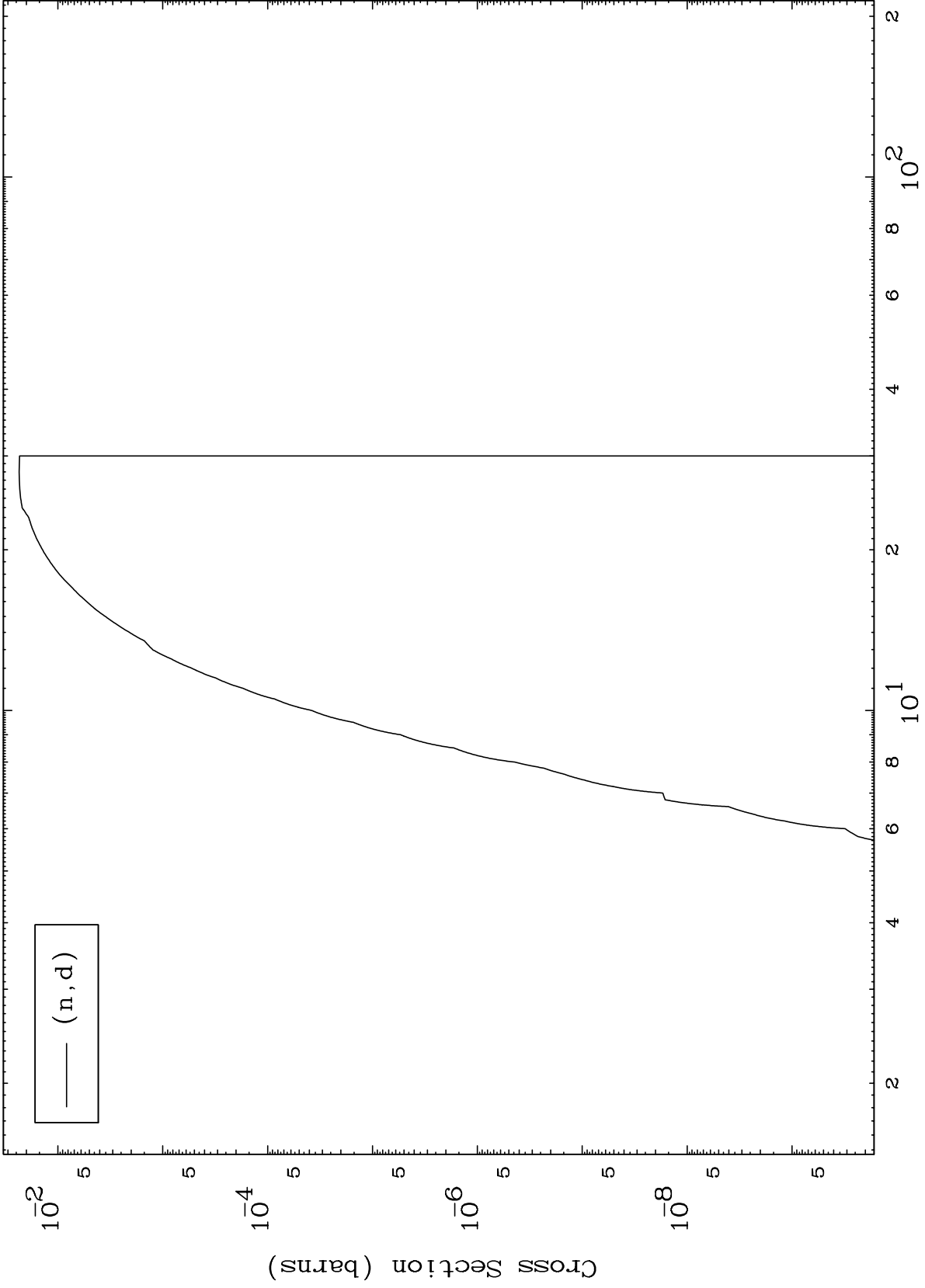
71-Lu-169



MAT 7107

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-169



12

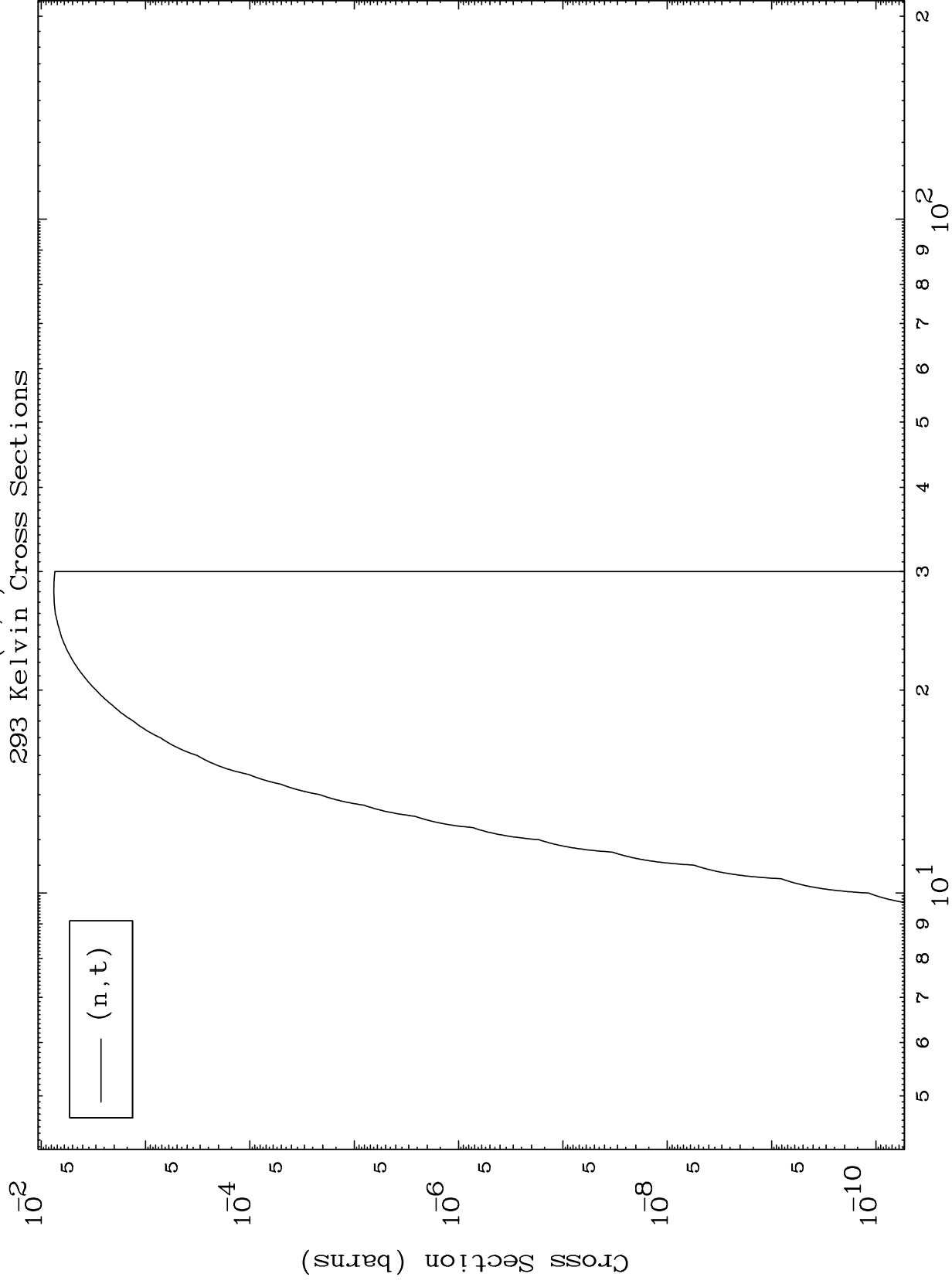
Incident Energy (MeV)

71-Lu-169

MAT 7107

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-169



13

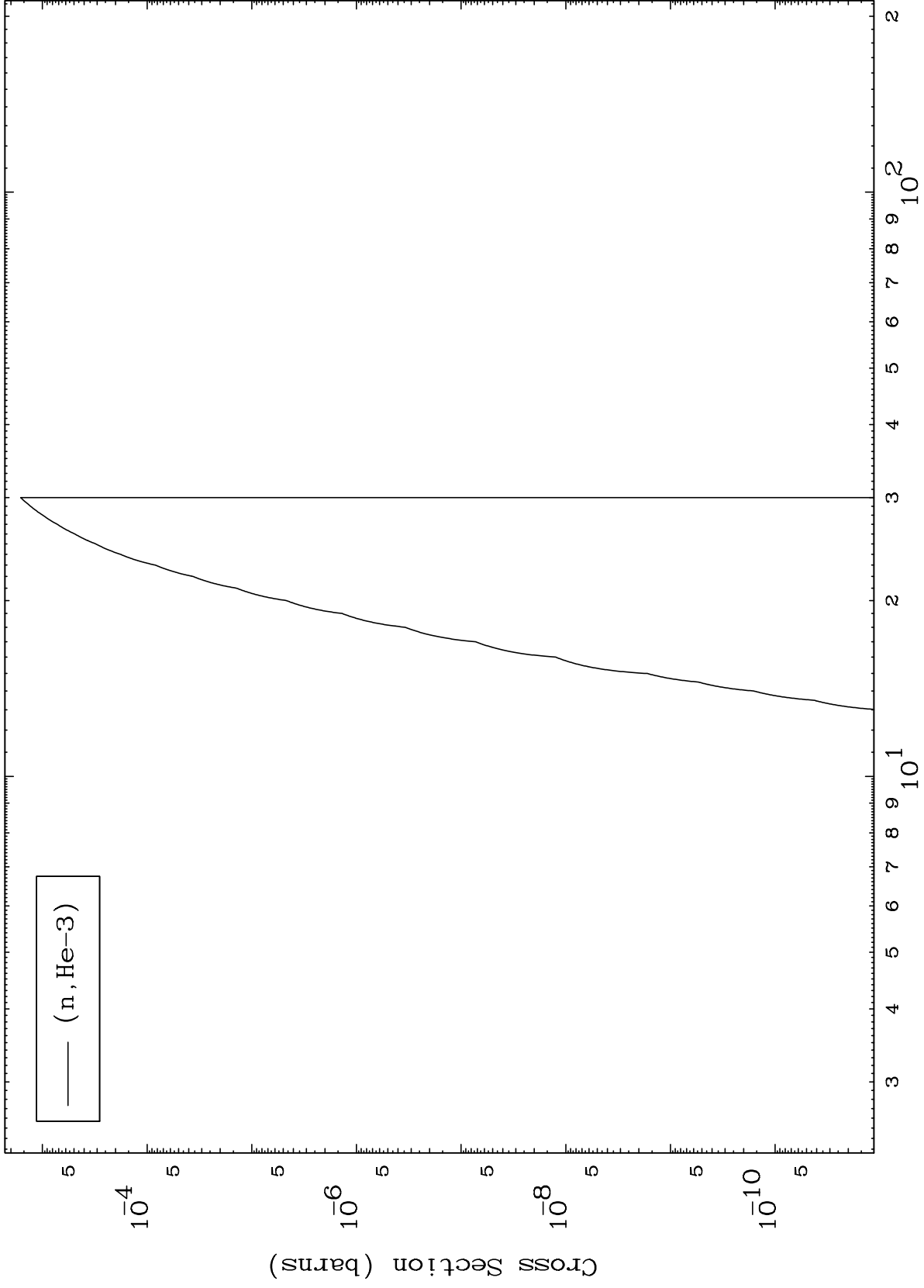
Incident Energy (MeV)

71-Lu-169

MAT 7107

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-169



14

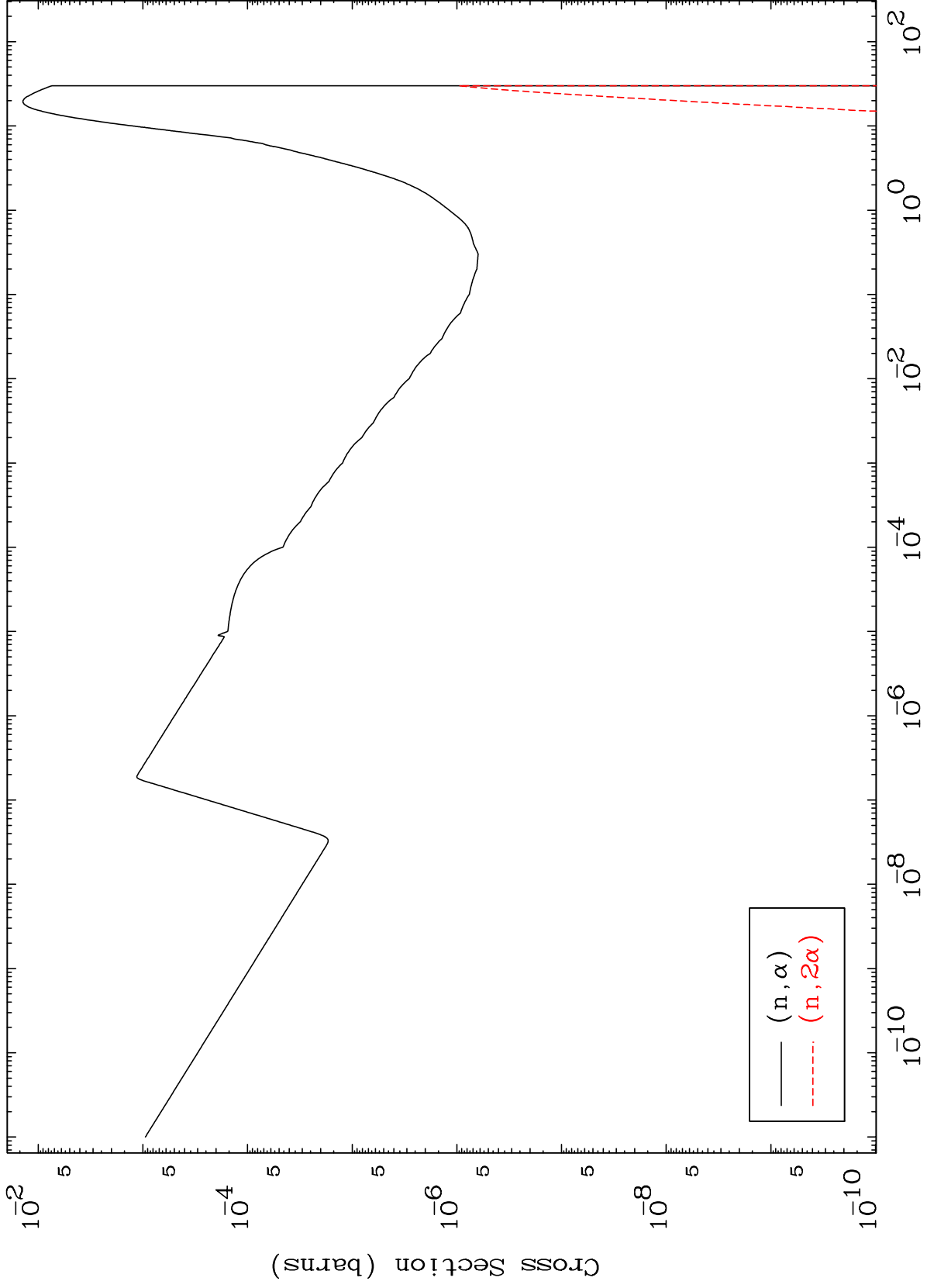
Incident Energy (MeV)

71-Lu-169

MAT 7107

(n, α) Levels
293 Kelvin Cross Sections

71-Lu-169



15

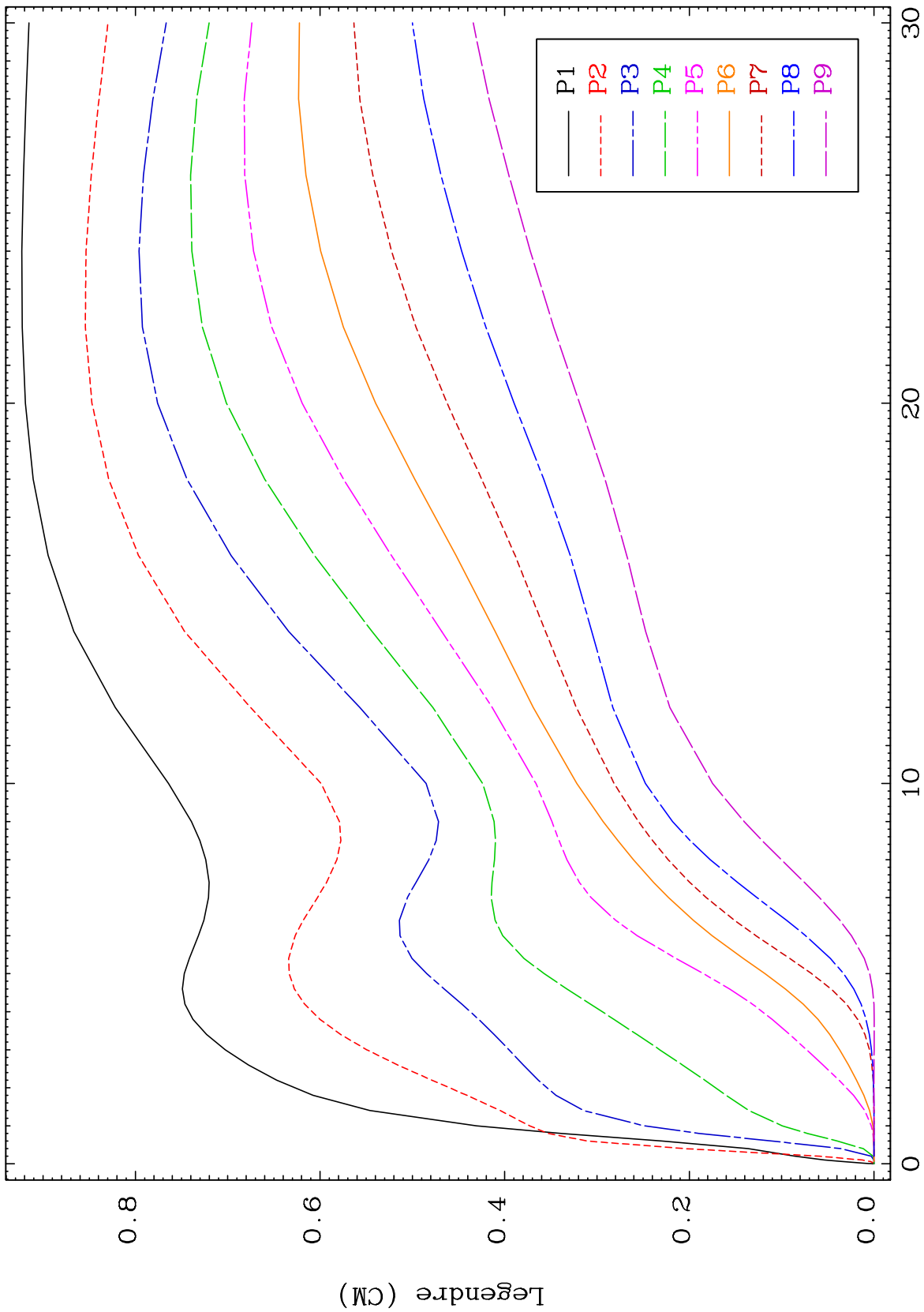
Incident Energy (MeV)

71-Lu-169

MAT 7107

71-Lu-169

Elastic Legendre Coefficients



71-Lu-169

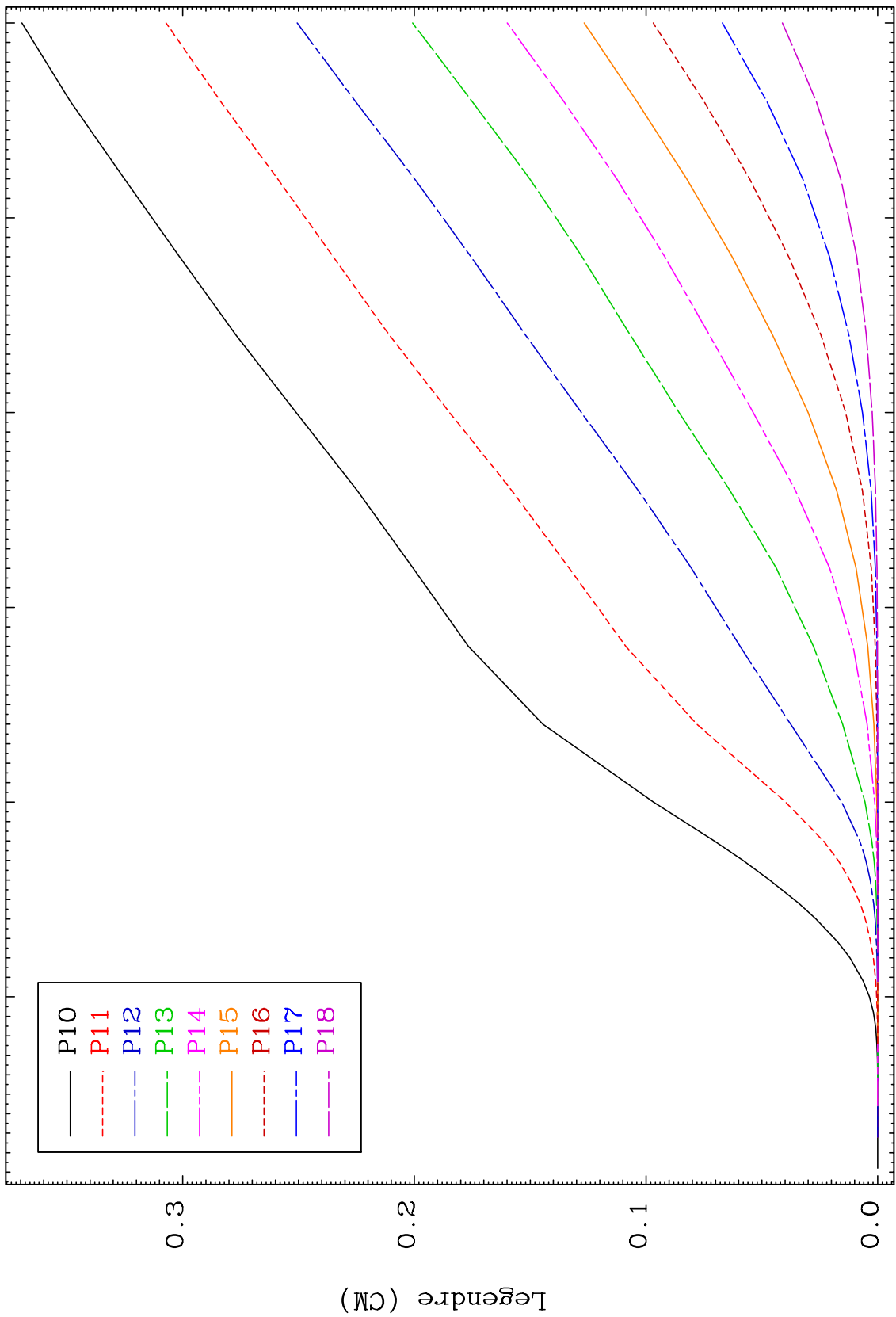
Incident Energy (MeV)

16

MAT 7107

Elastic Legendre Coefficients

⁷¹Lu-169



17

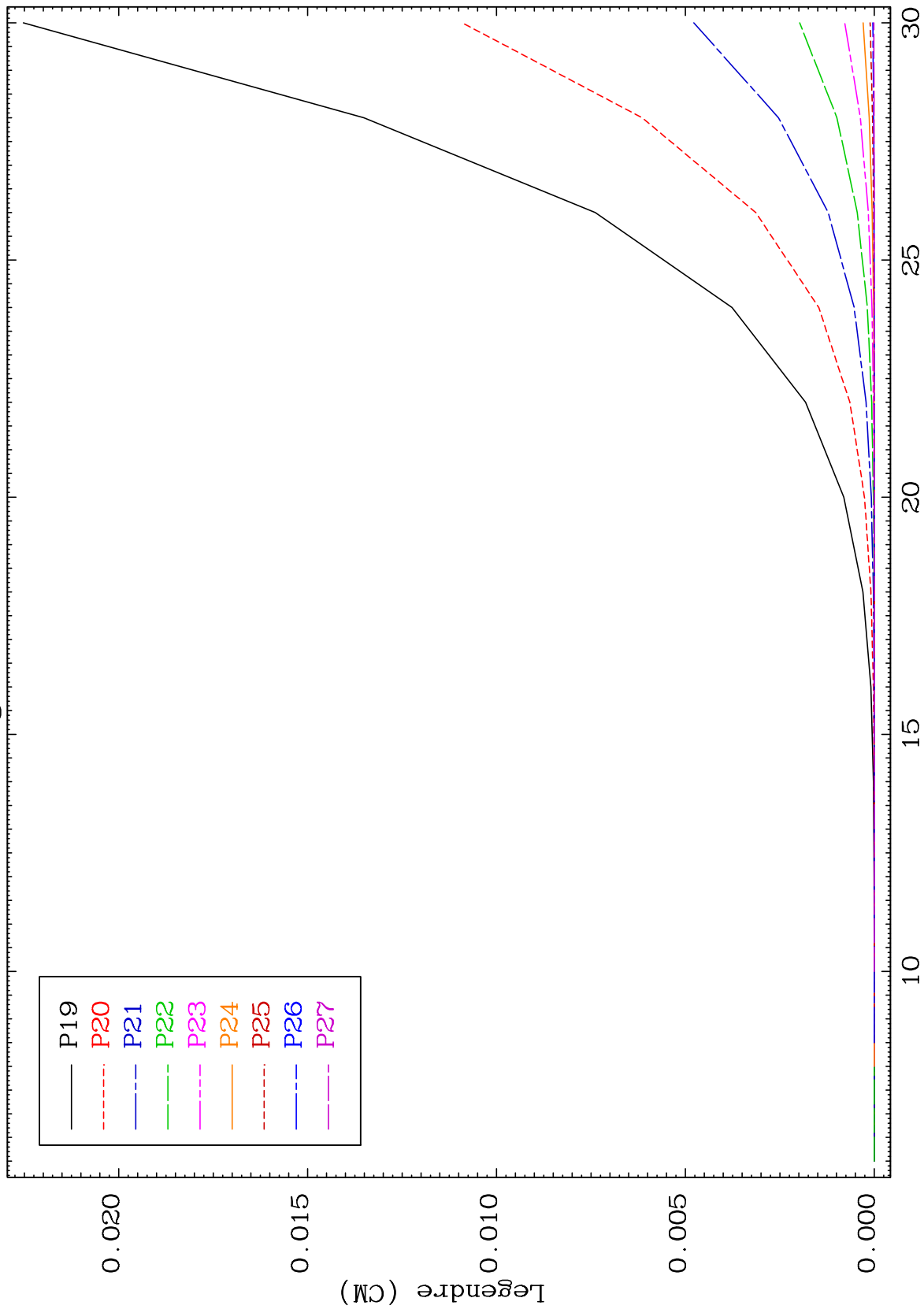
Incident Energy (MeV)

⁷¹Lu-169

MAT 7107

Elastic Legendre Coefficients

71-Lu-169



18

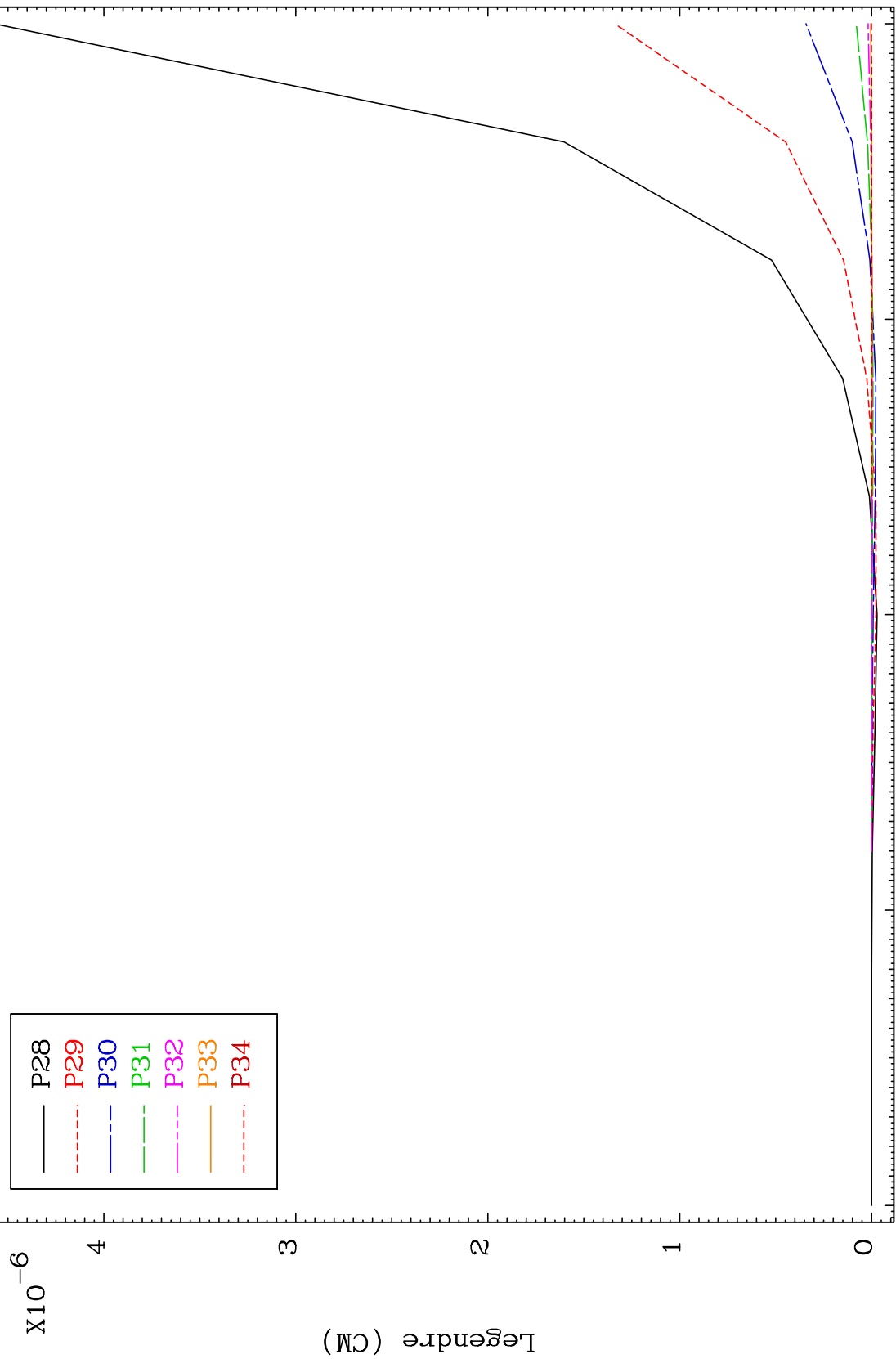
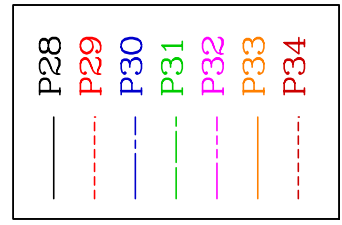
Incident Energy (MeV)

71-Lu-169

MAT 7107

Elastic Legendre Coefficients

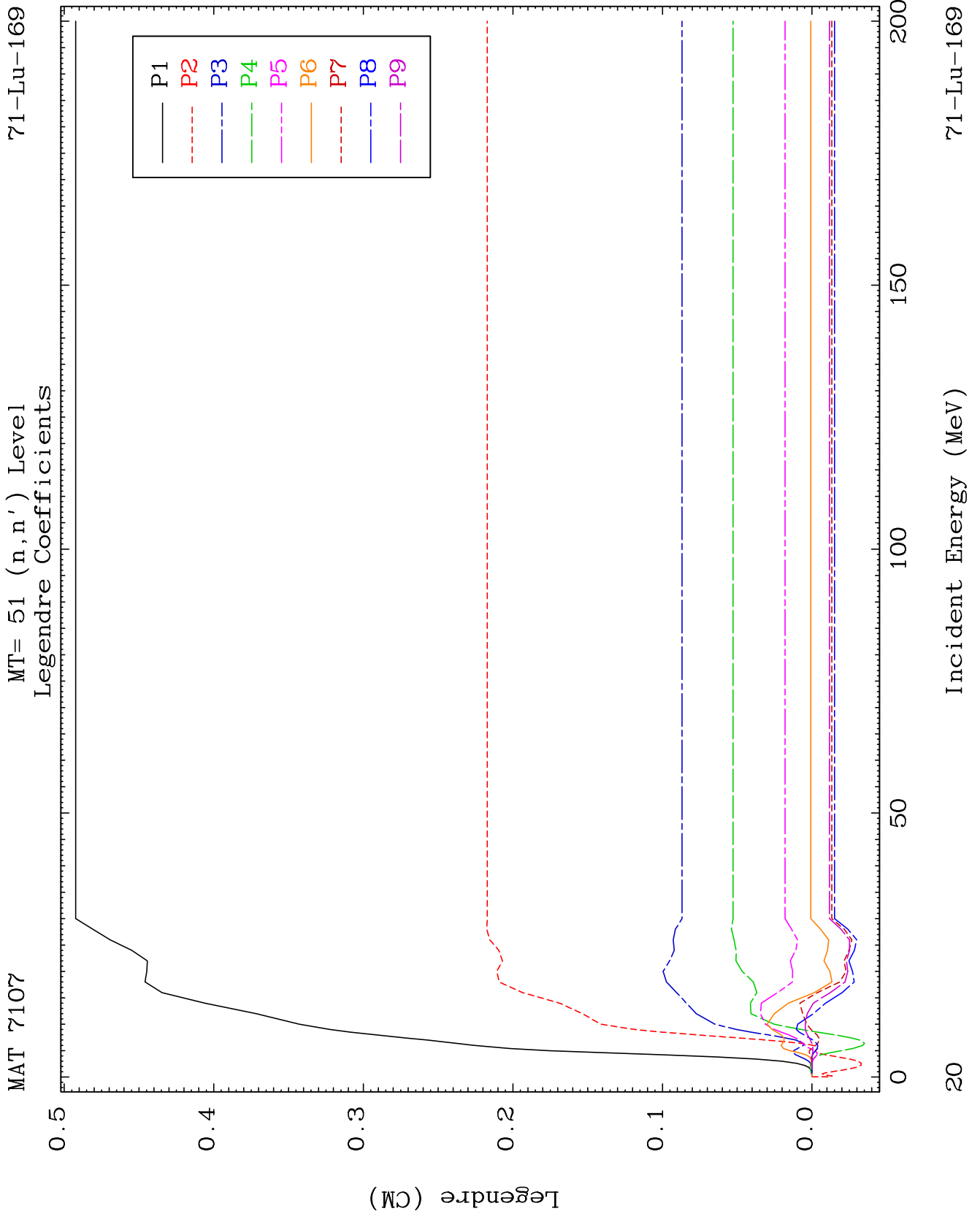
71-Lu-169



19

Incident Energy (MeV)

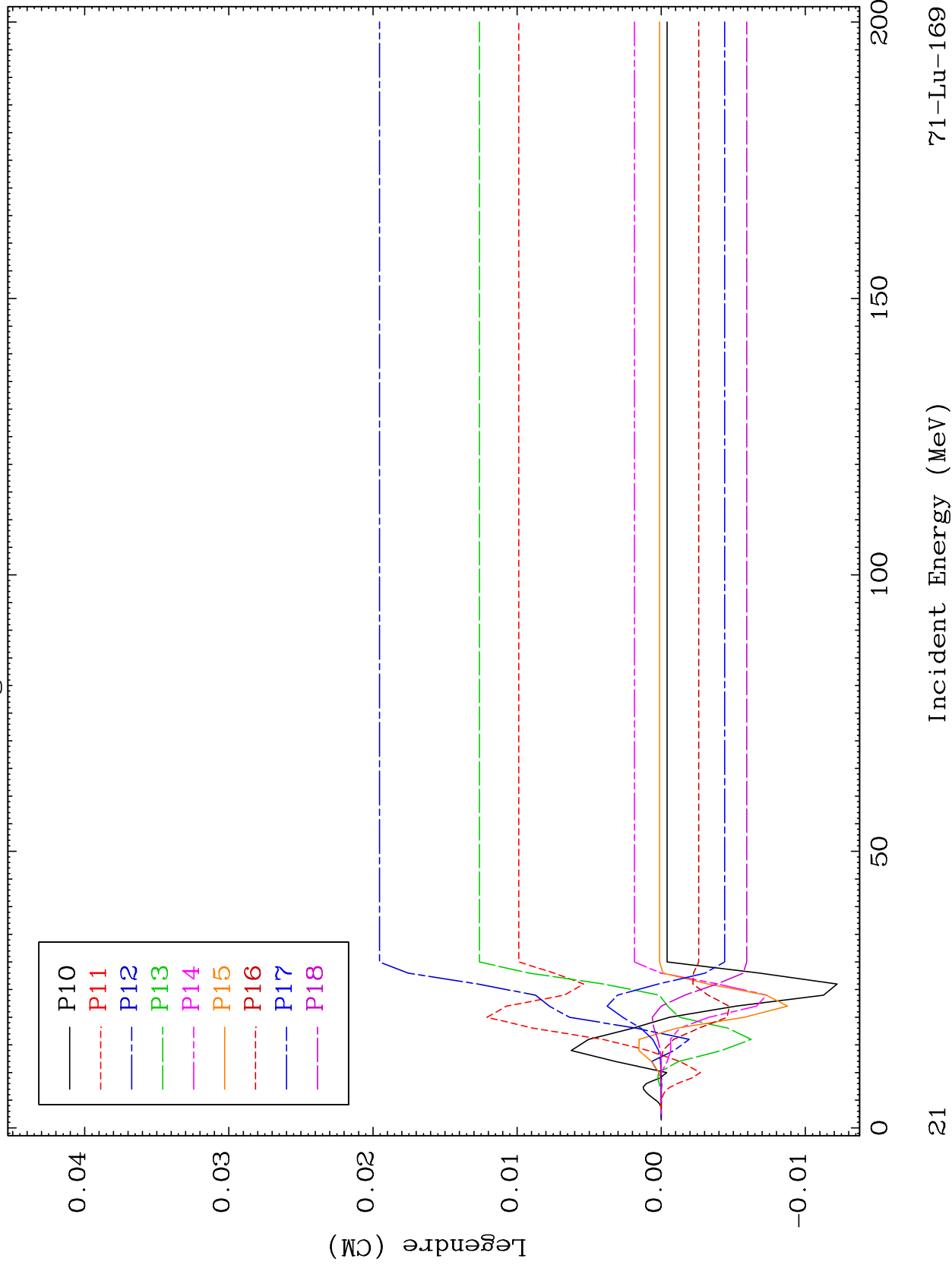
71-Lu-169



MAT 7107

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

71-Lu-169



71-Lu-169

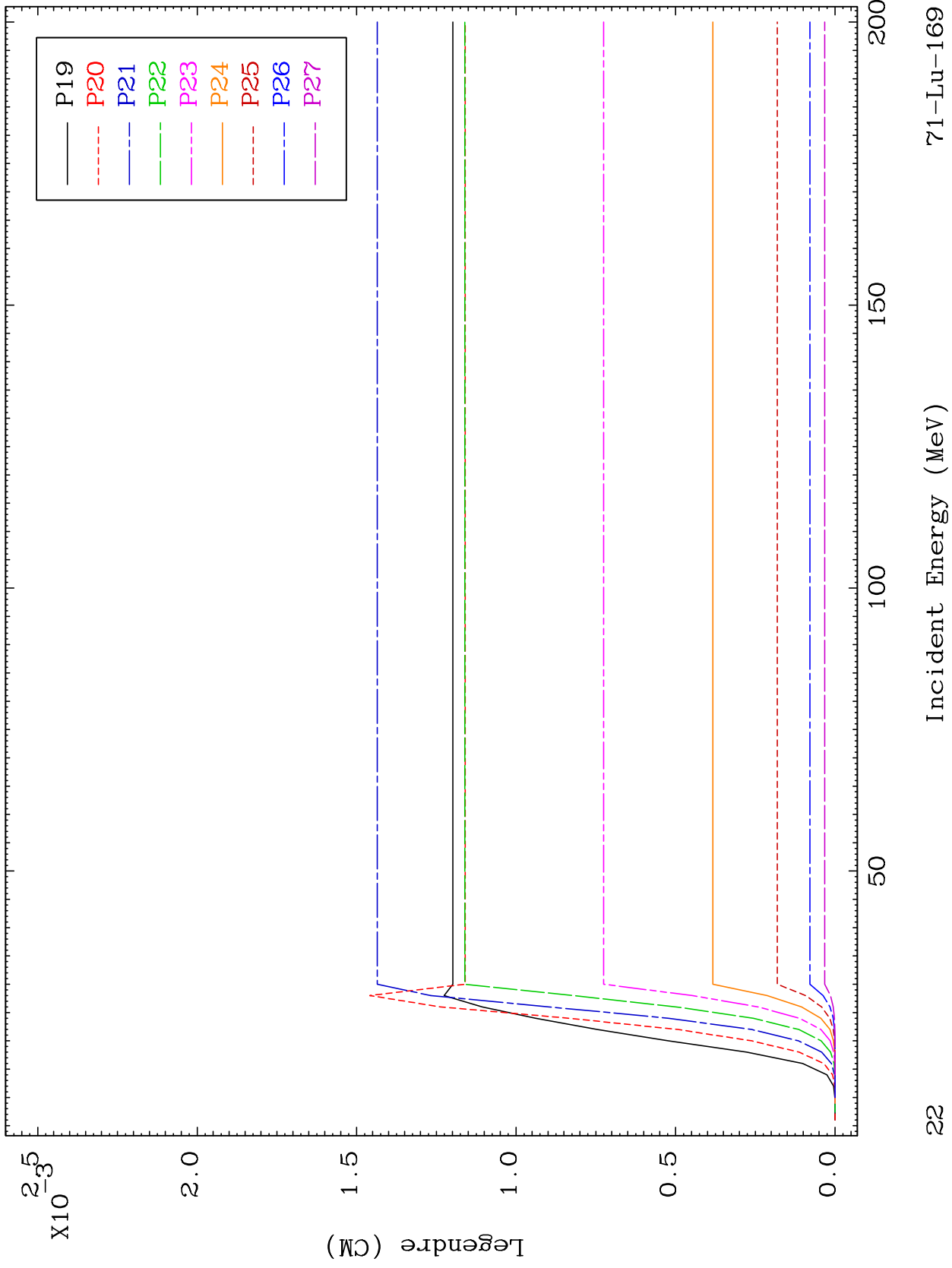
Incident Energy (MeV)

21

MAT 7107

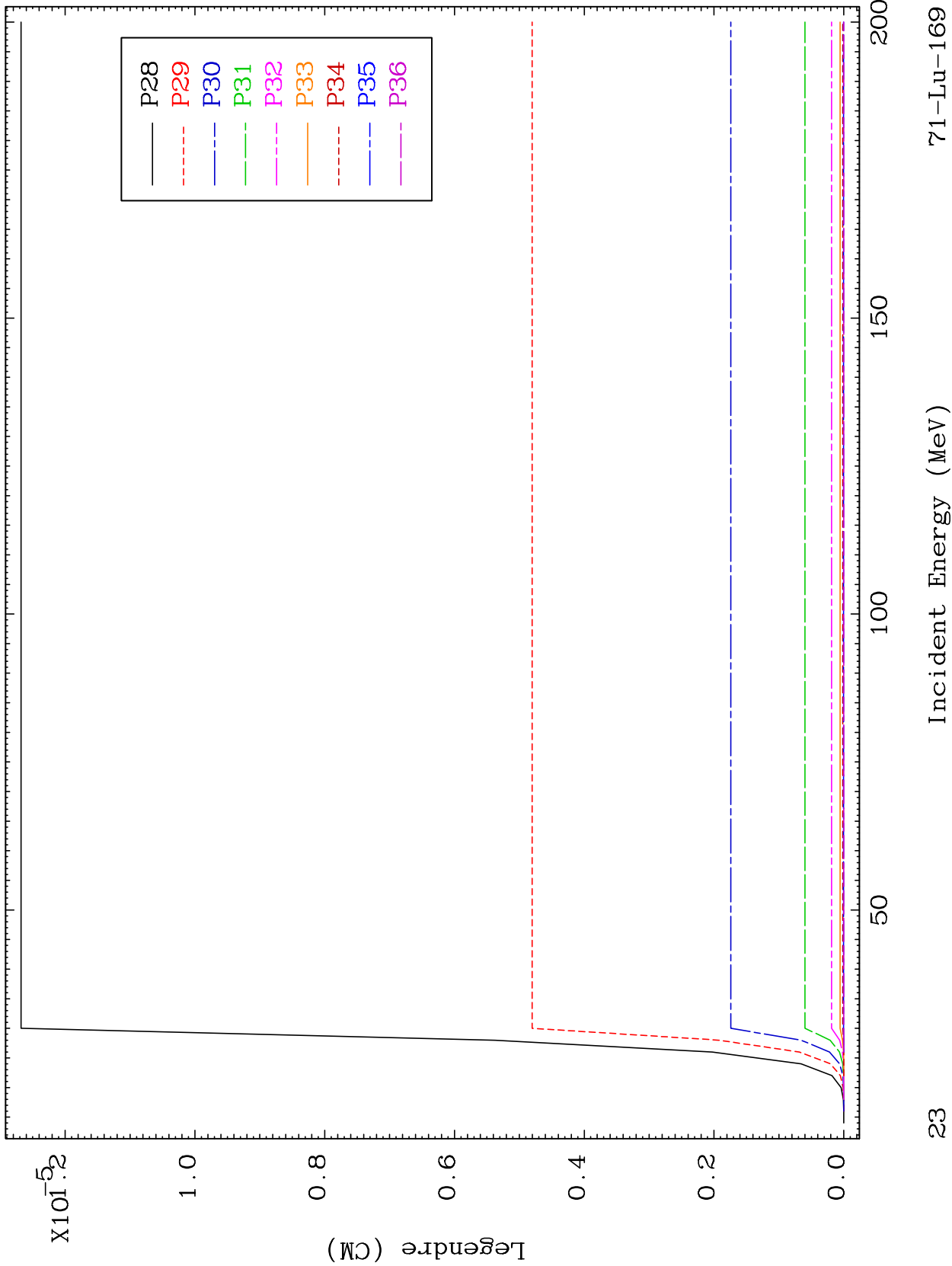
MT= 51 (n,n') Level
Legendre Coefficients

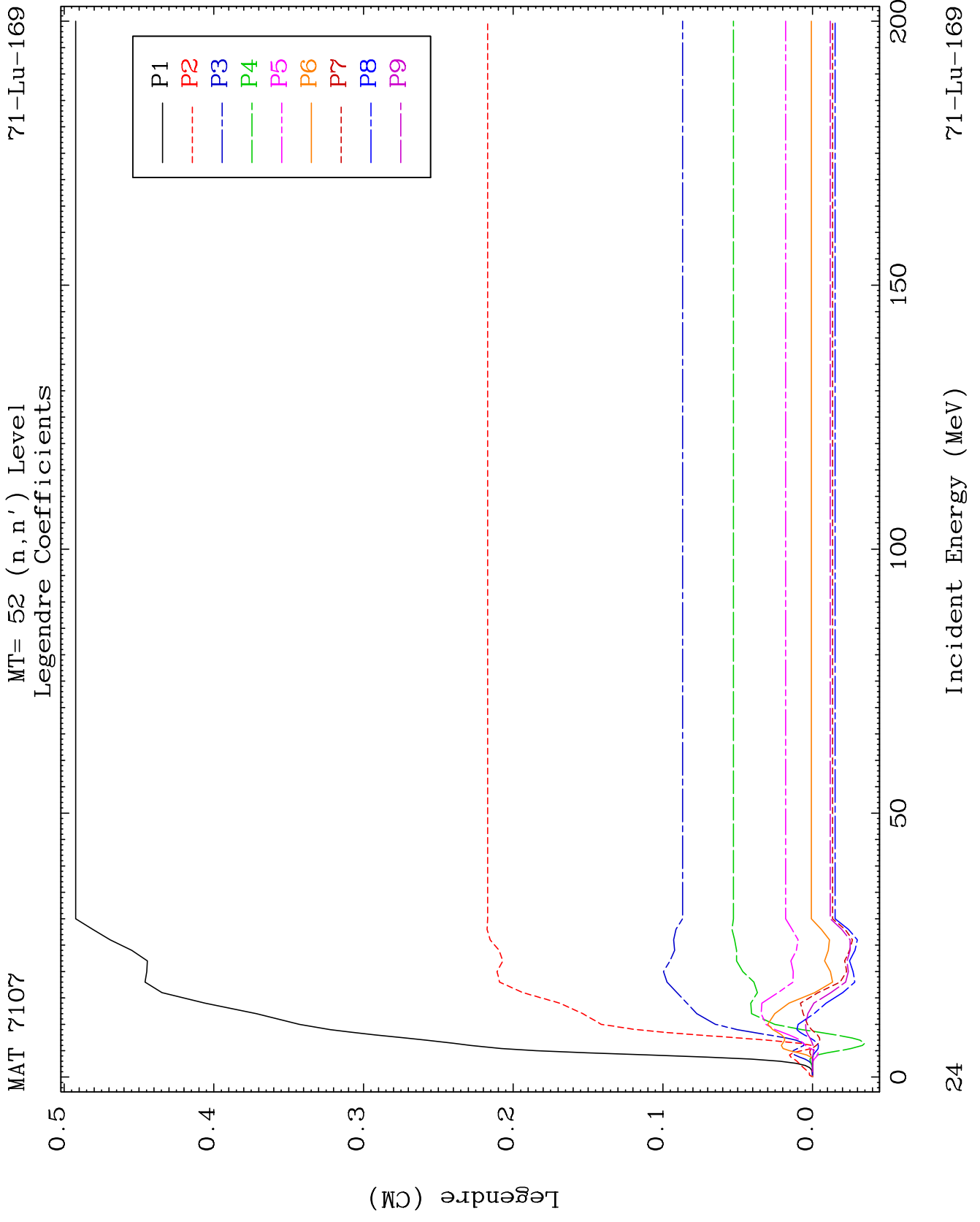
71-Lu-169



22

71-Lu-169

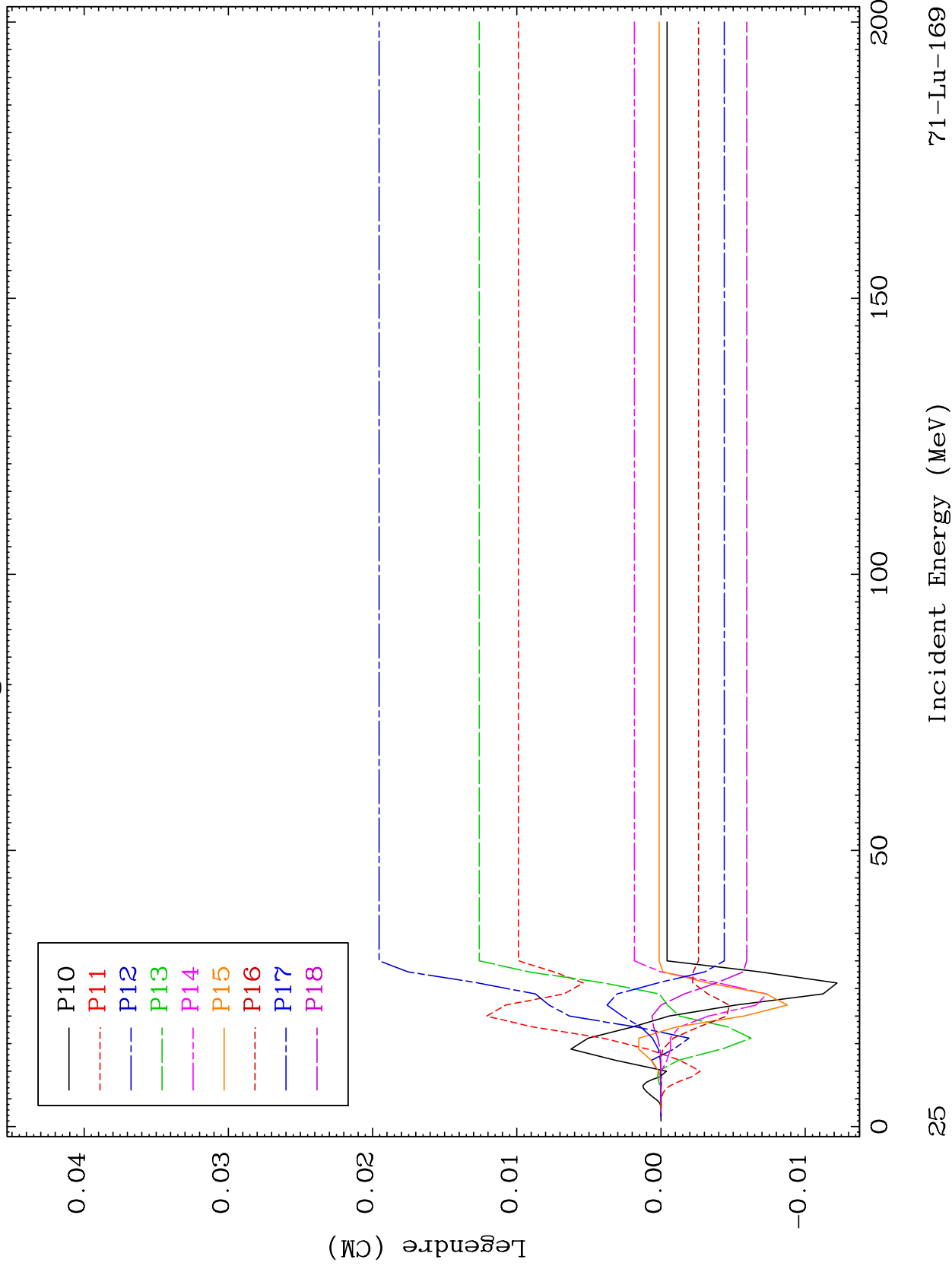




MAT 7107

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

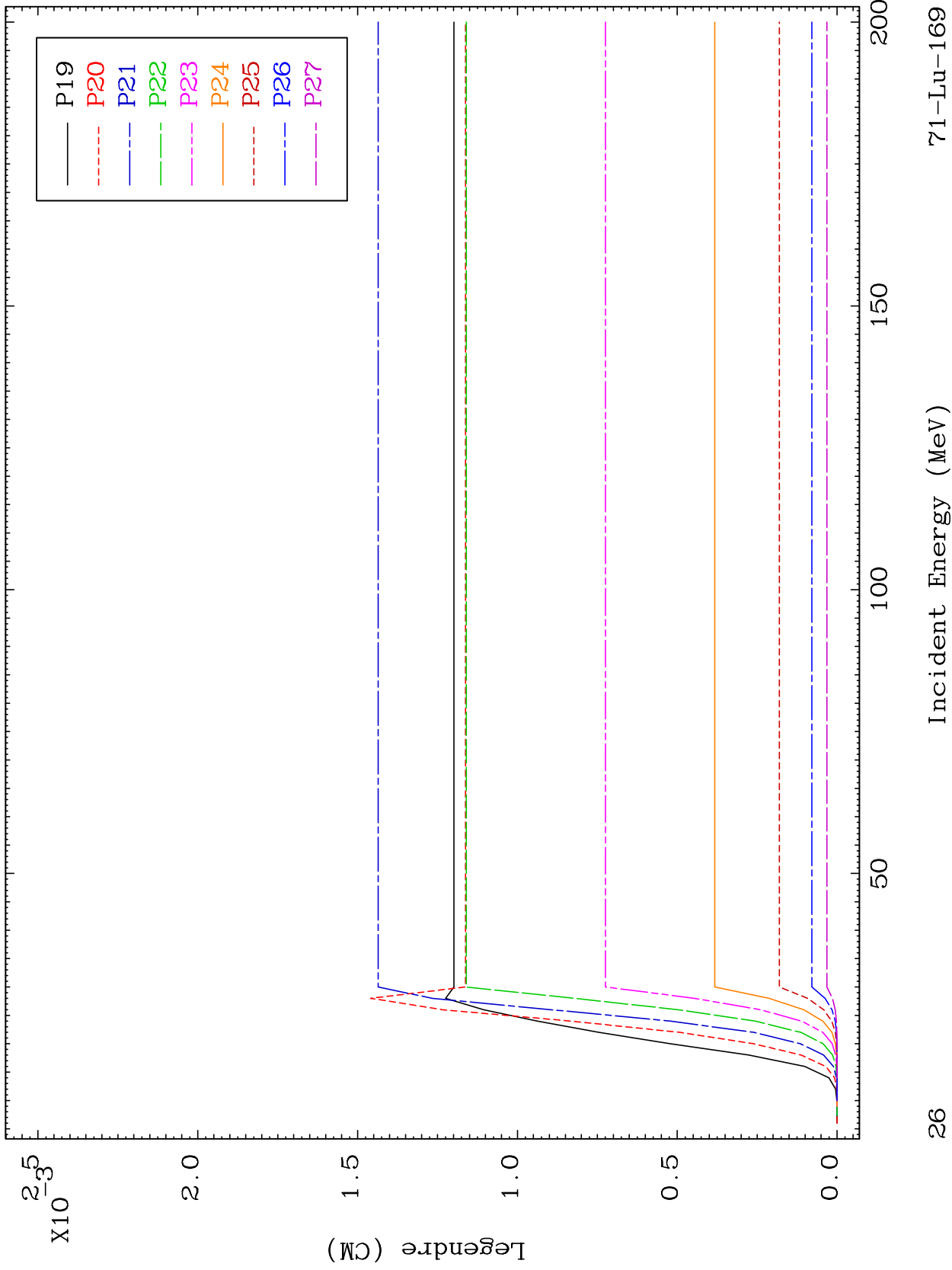
71-Lu-169



71-Lu-169

Incident Energy (MeV)

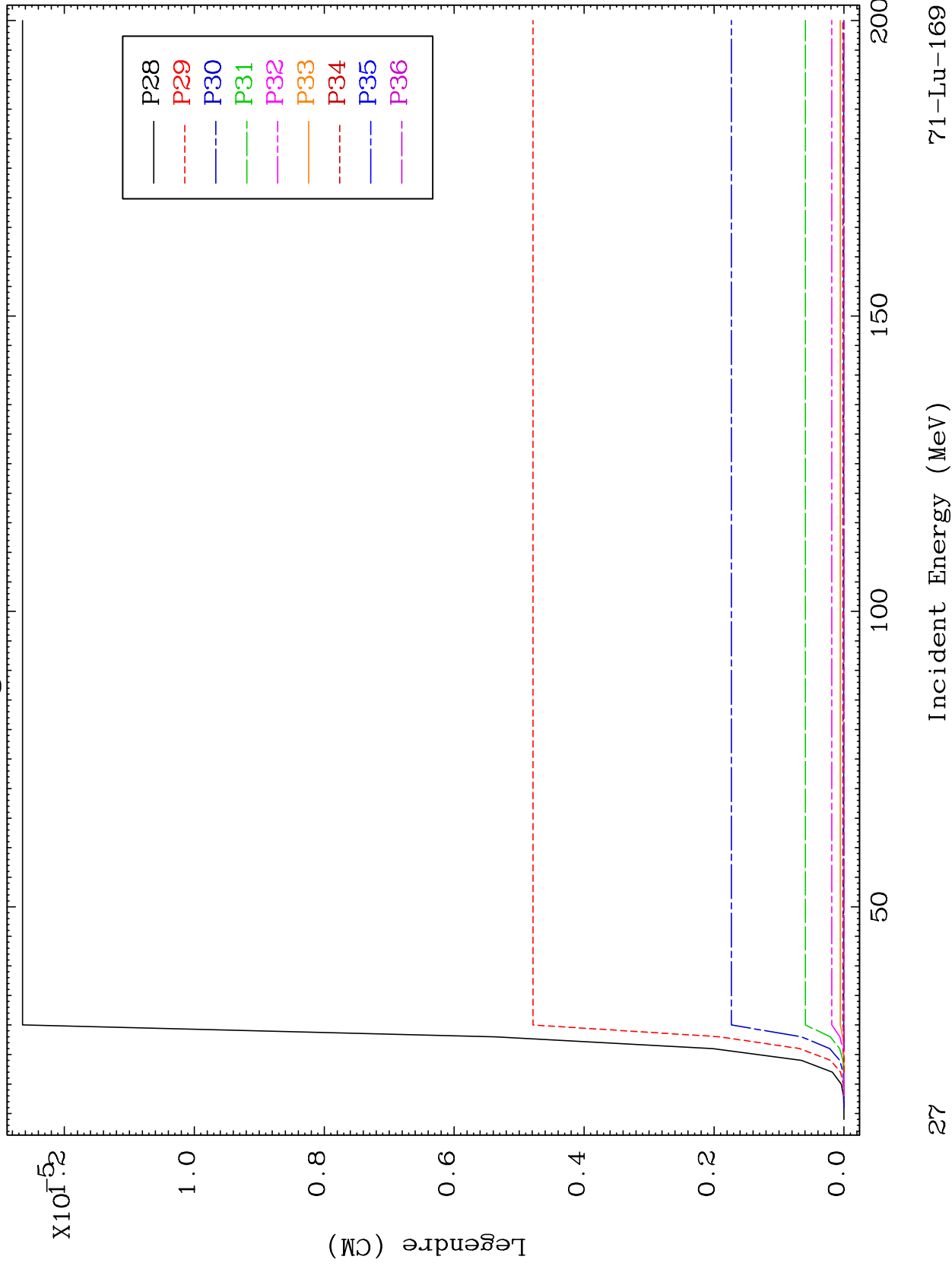
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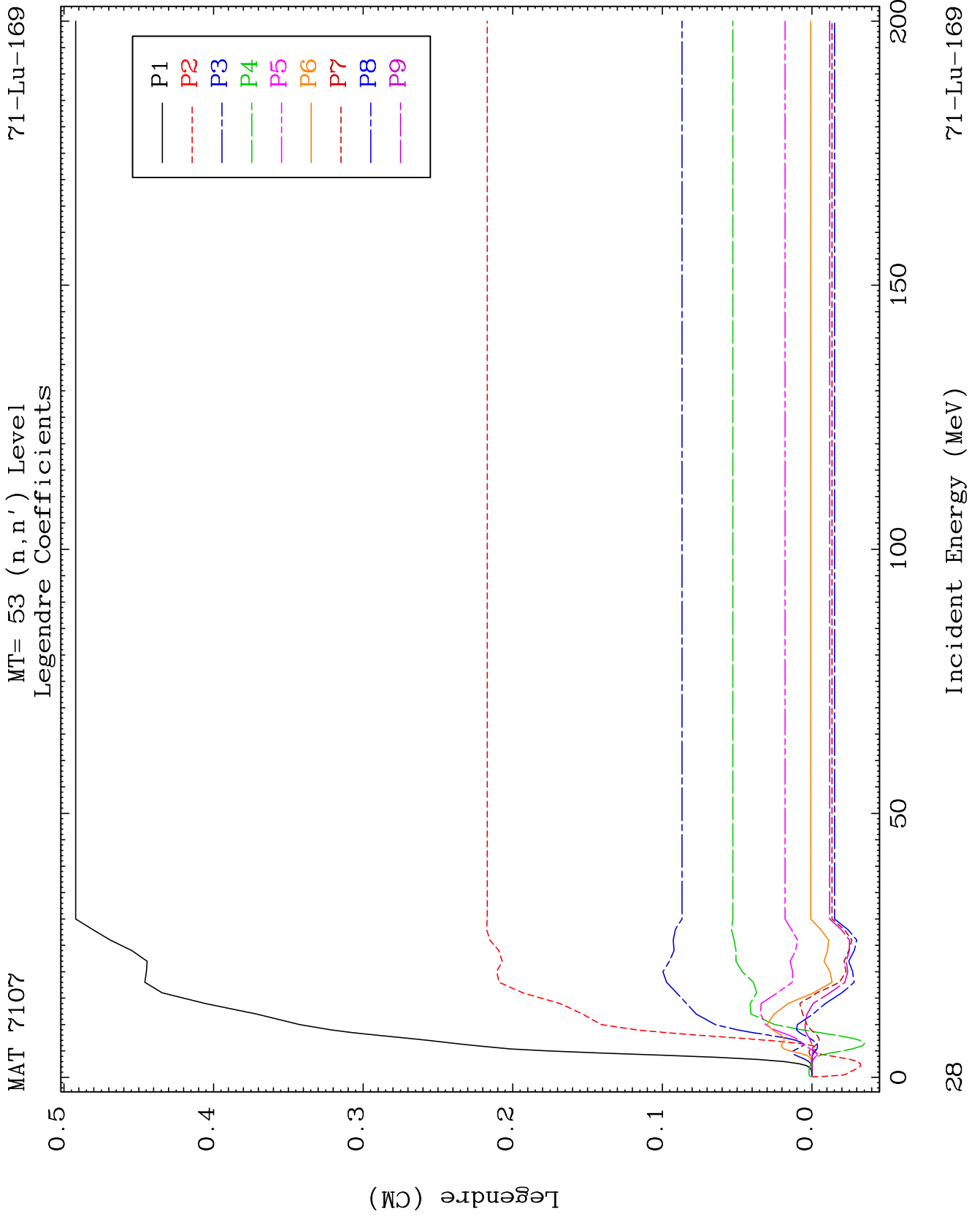


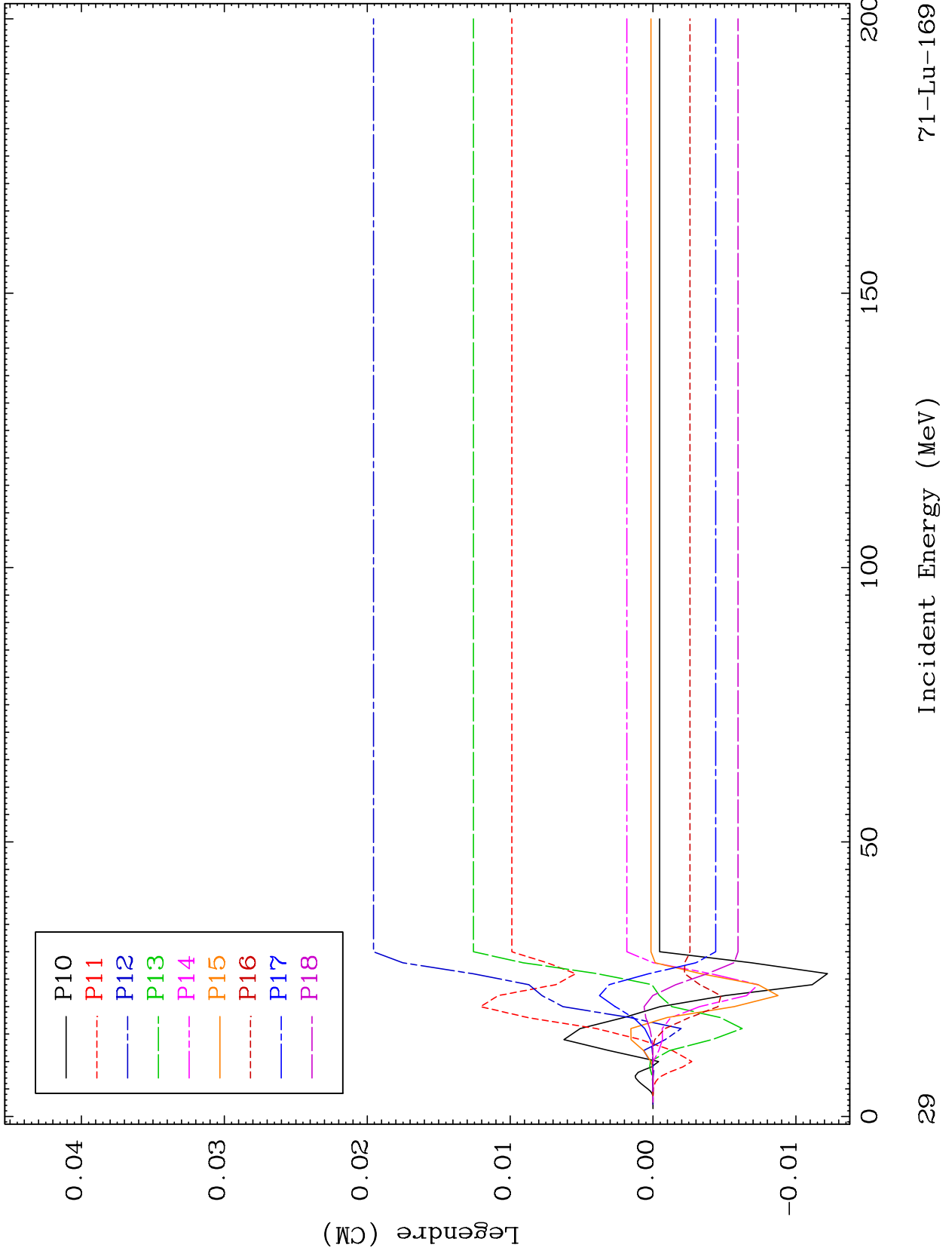
MAT 7107

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

71-Lu-169



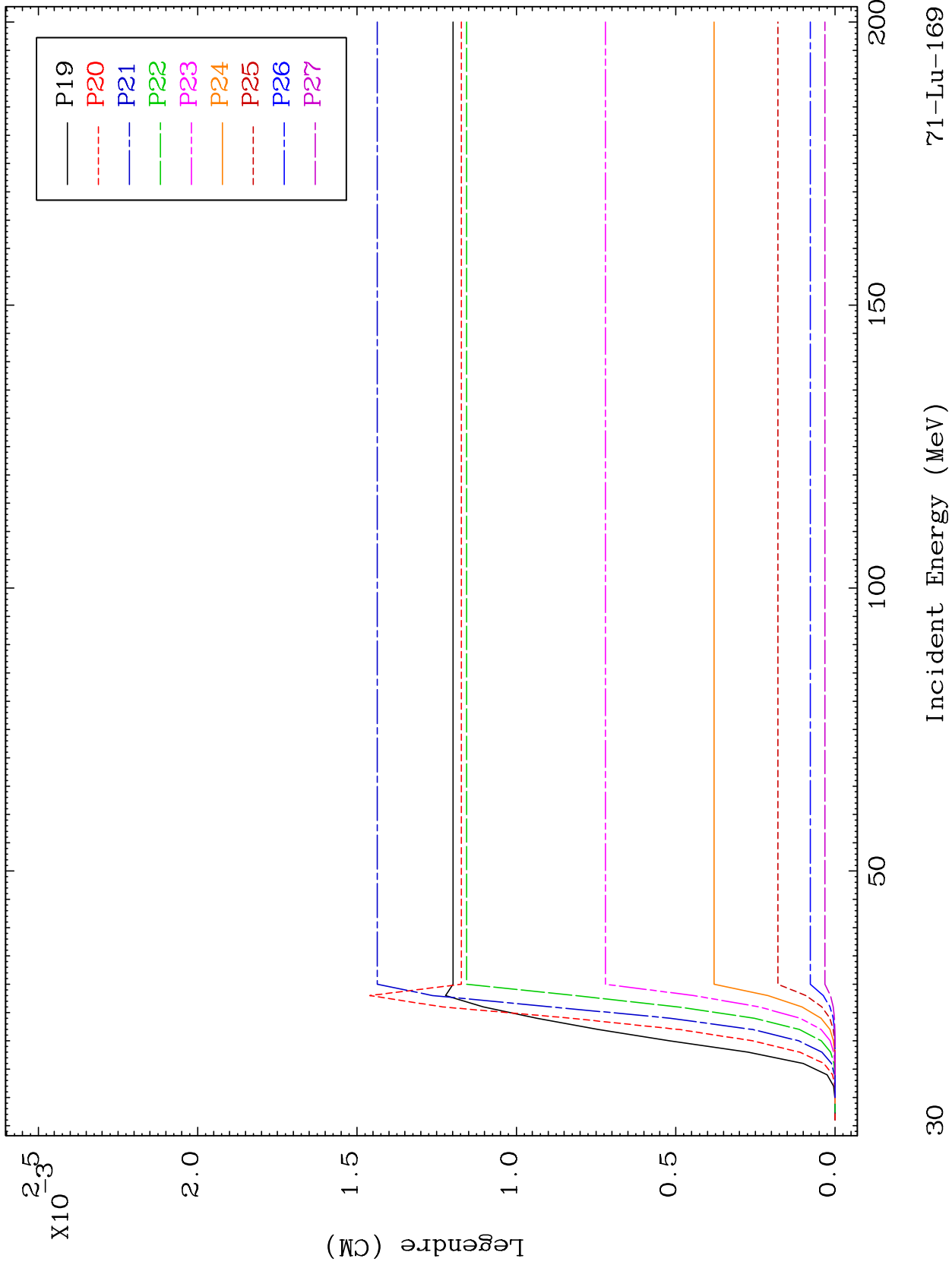




MAT 7107

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

71-Lu-169



71-Lu-169

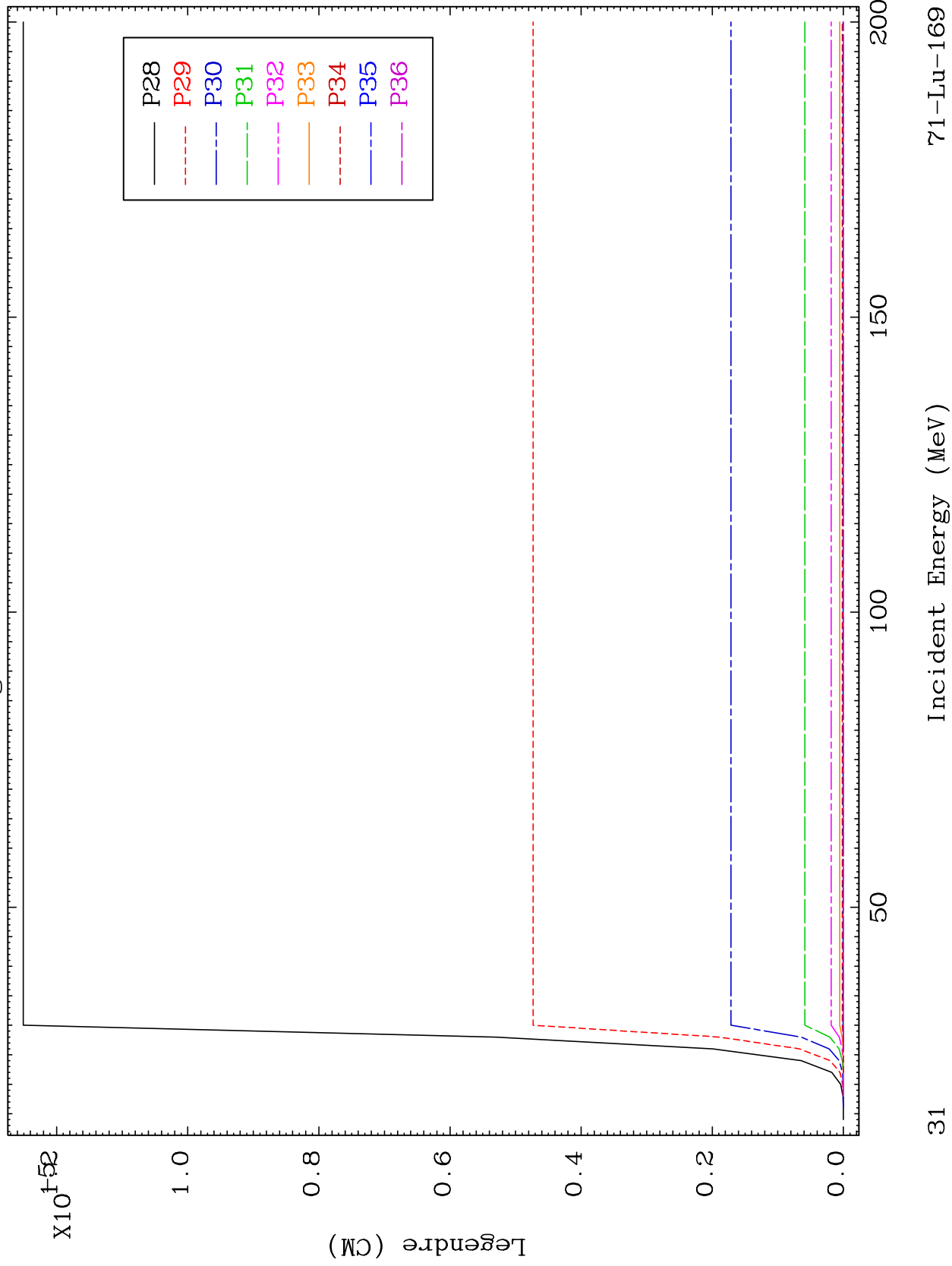
Incident Energy (MeV)

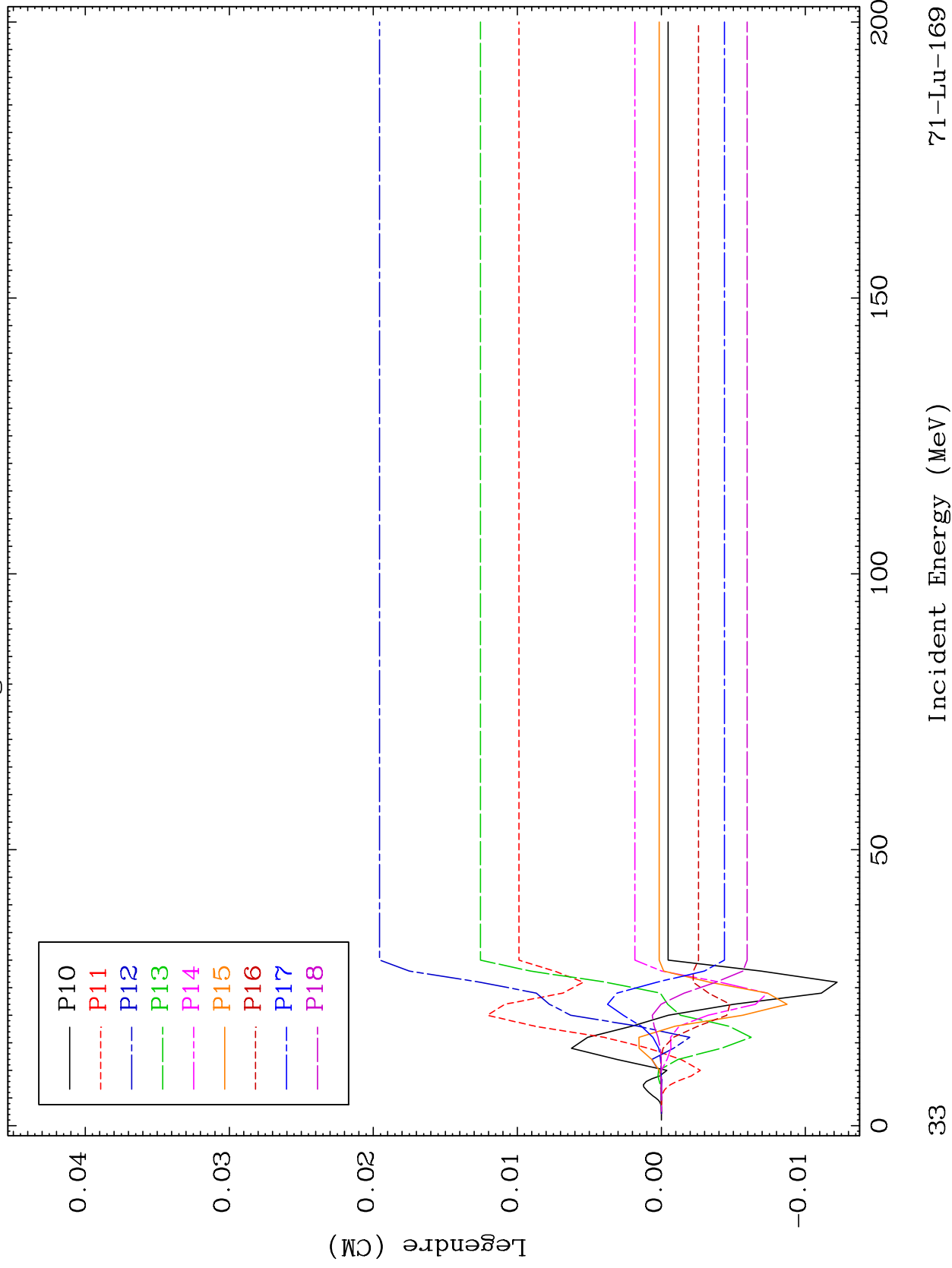
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MAT 7107

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

71-Lu-169

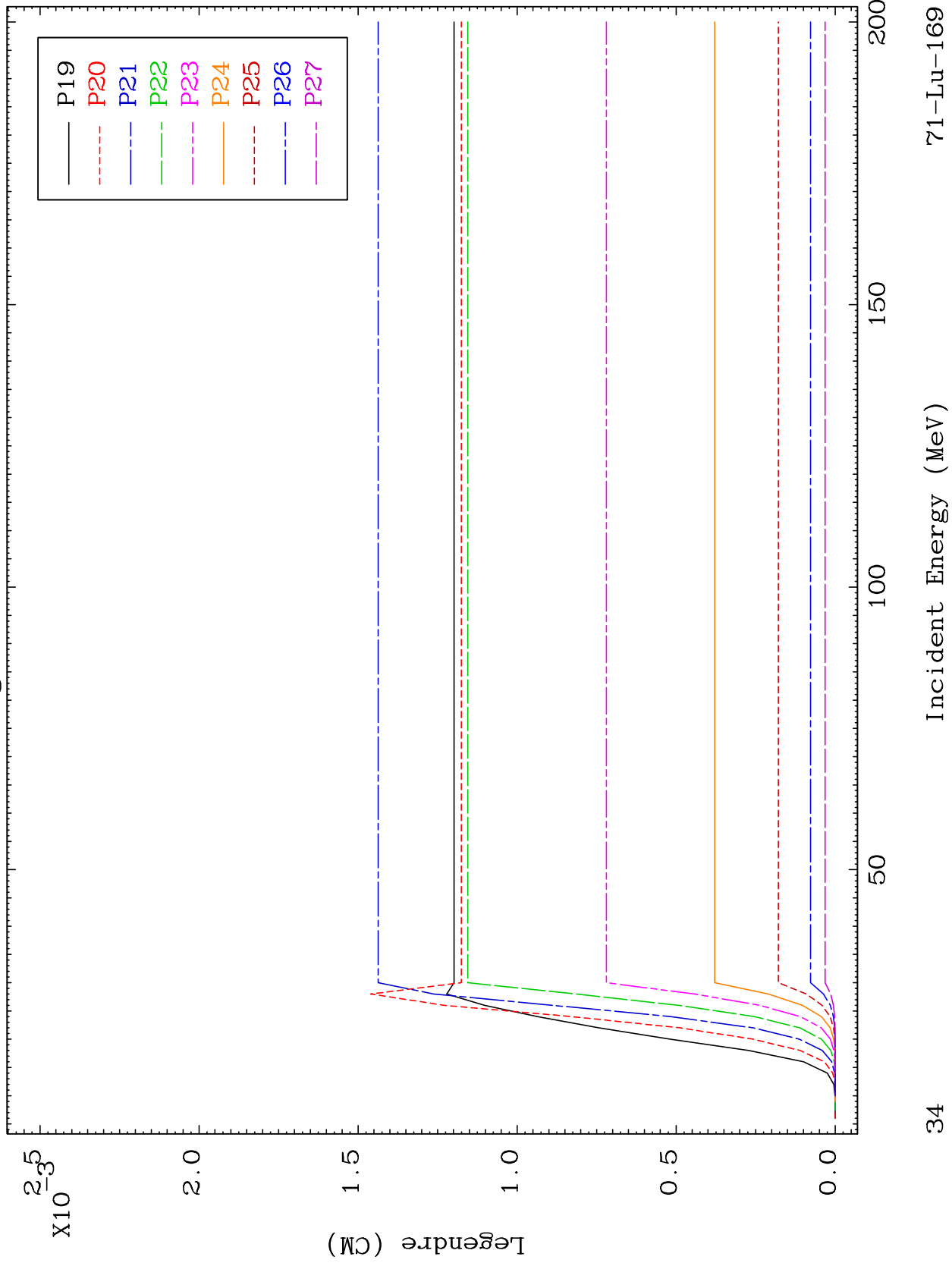




MAT 7107

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

71-Lu-169



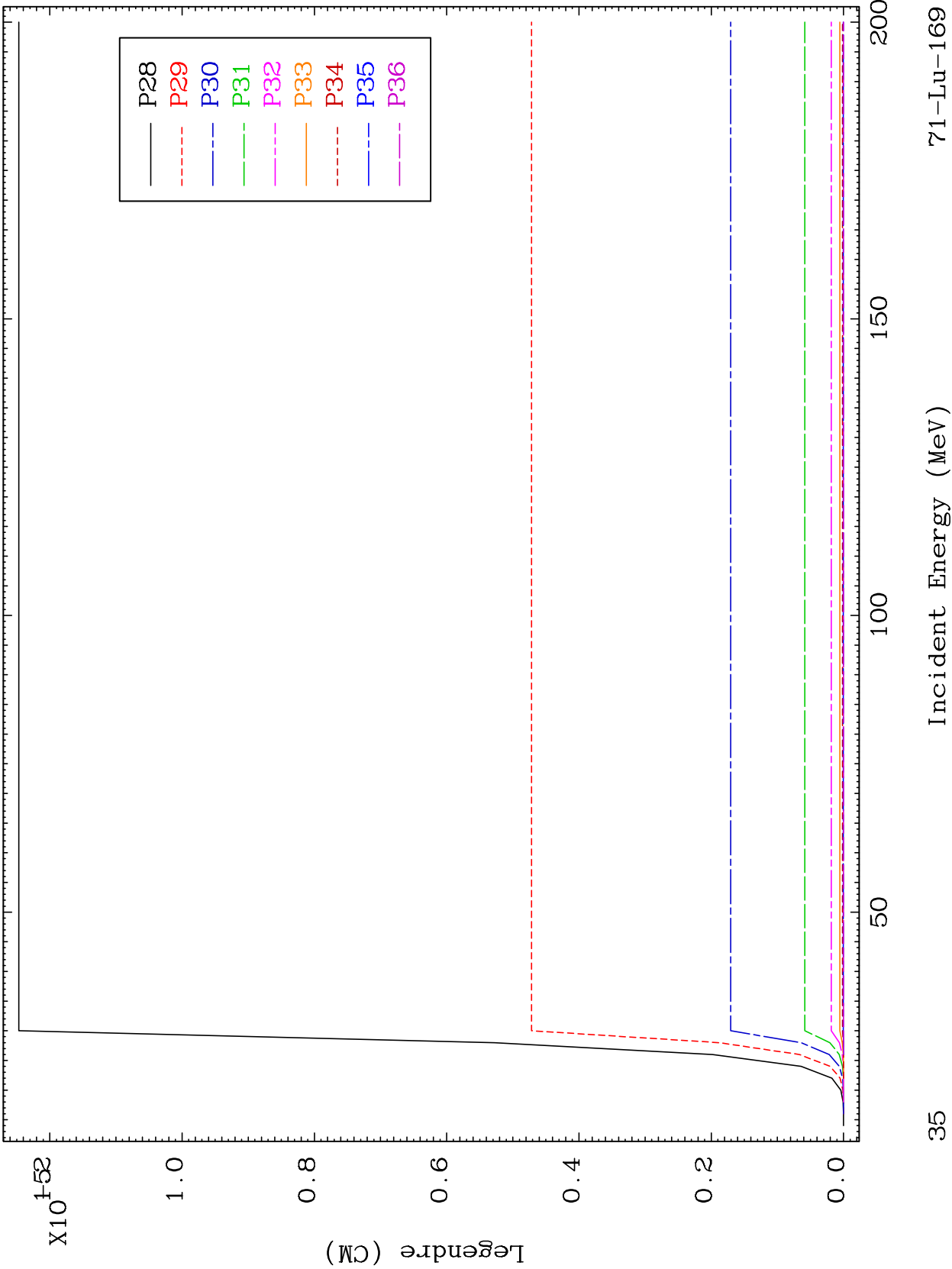
34

71-Lu-169

MAT 7107

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

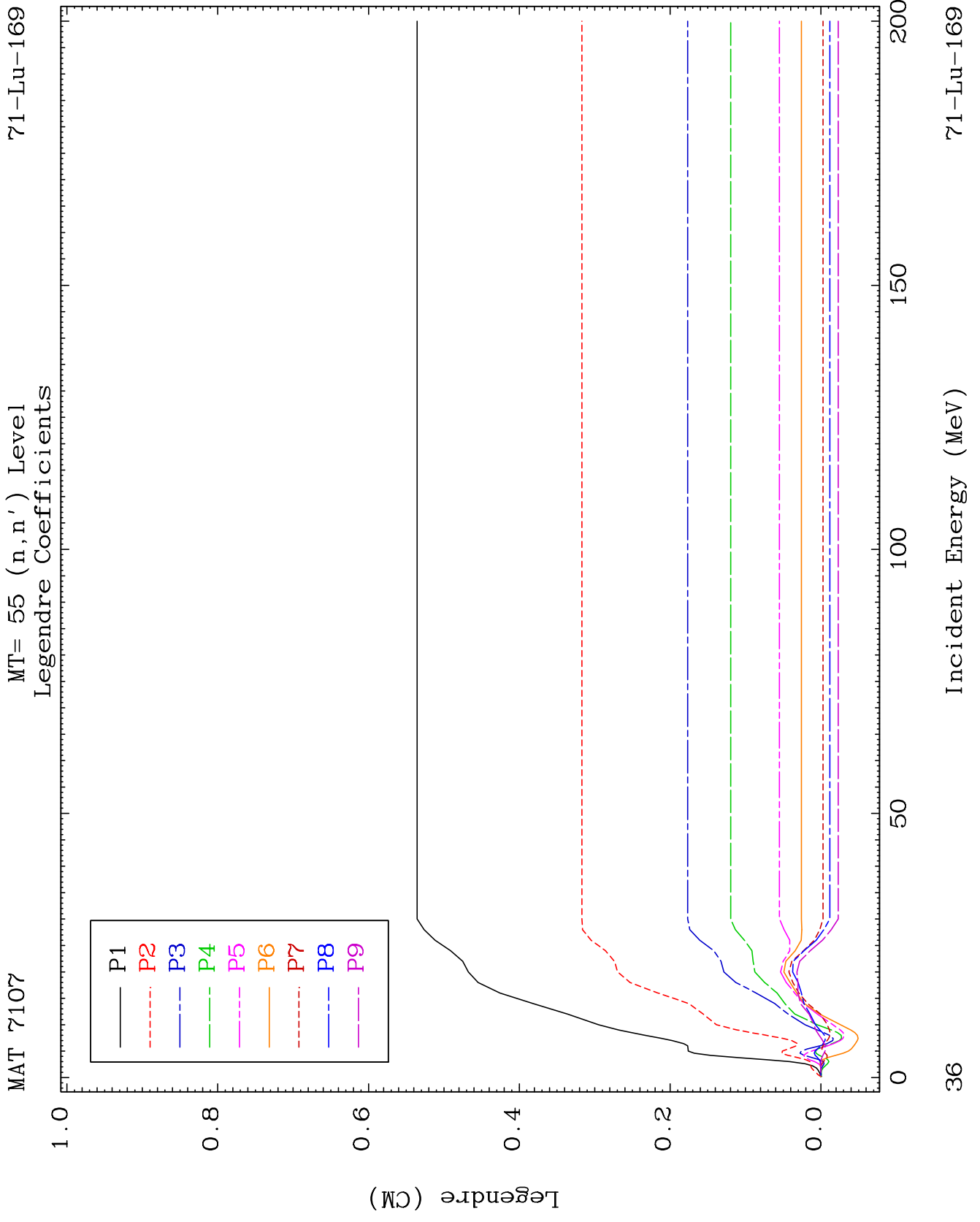
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35

Incident Energy (MeV)

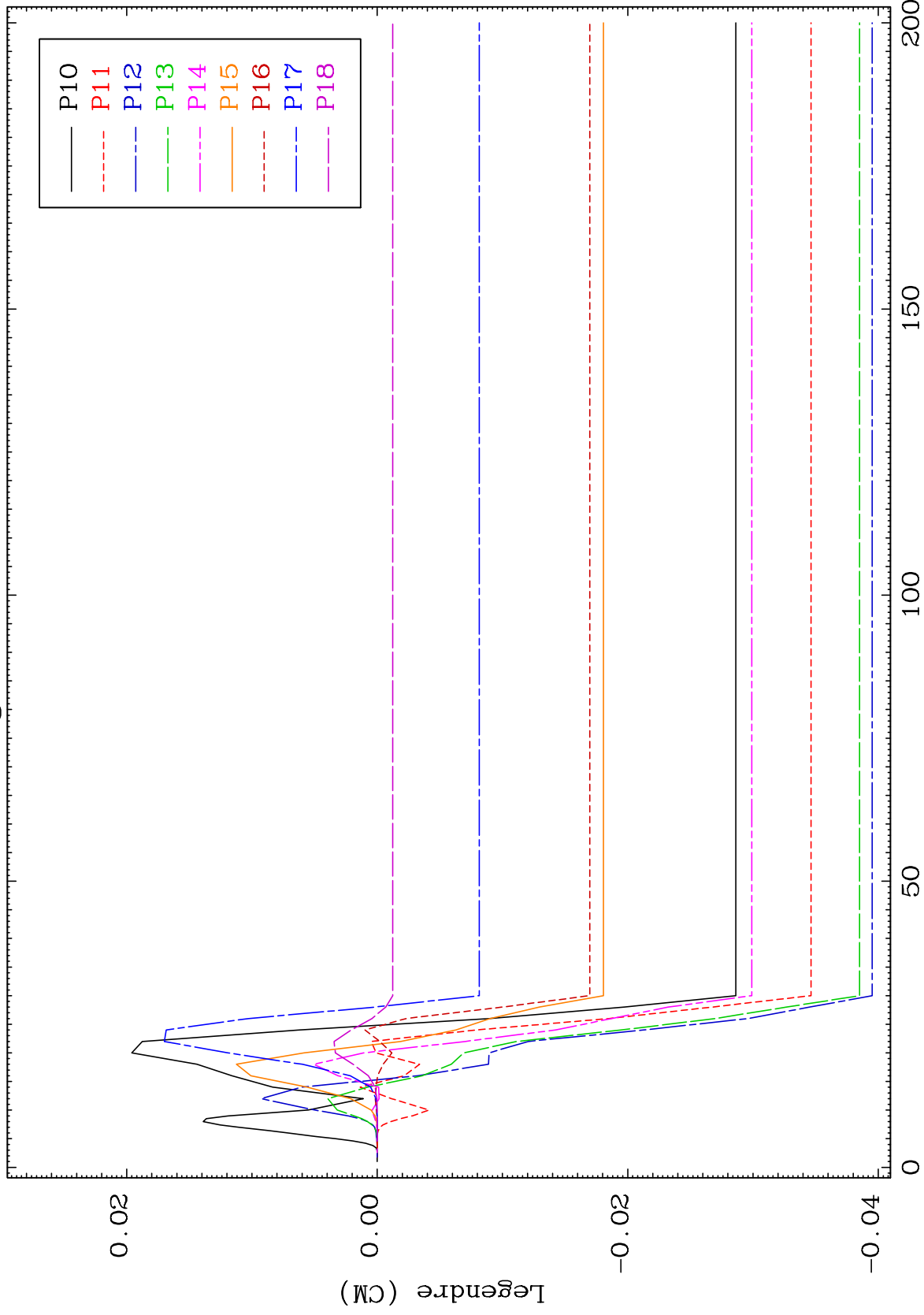
71-Lu-169



MAT 7107

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

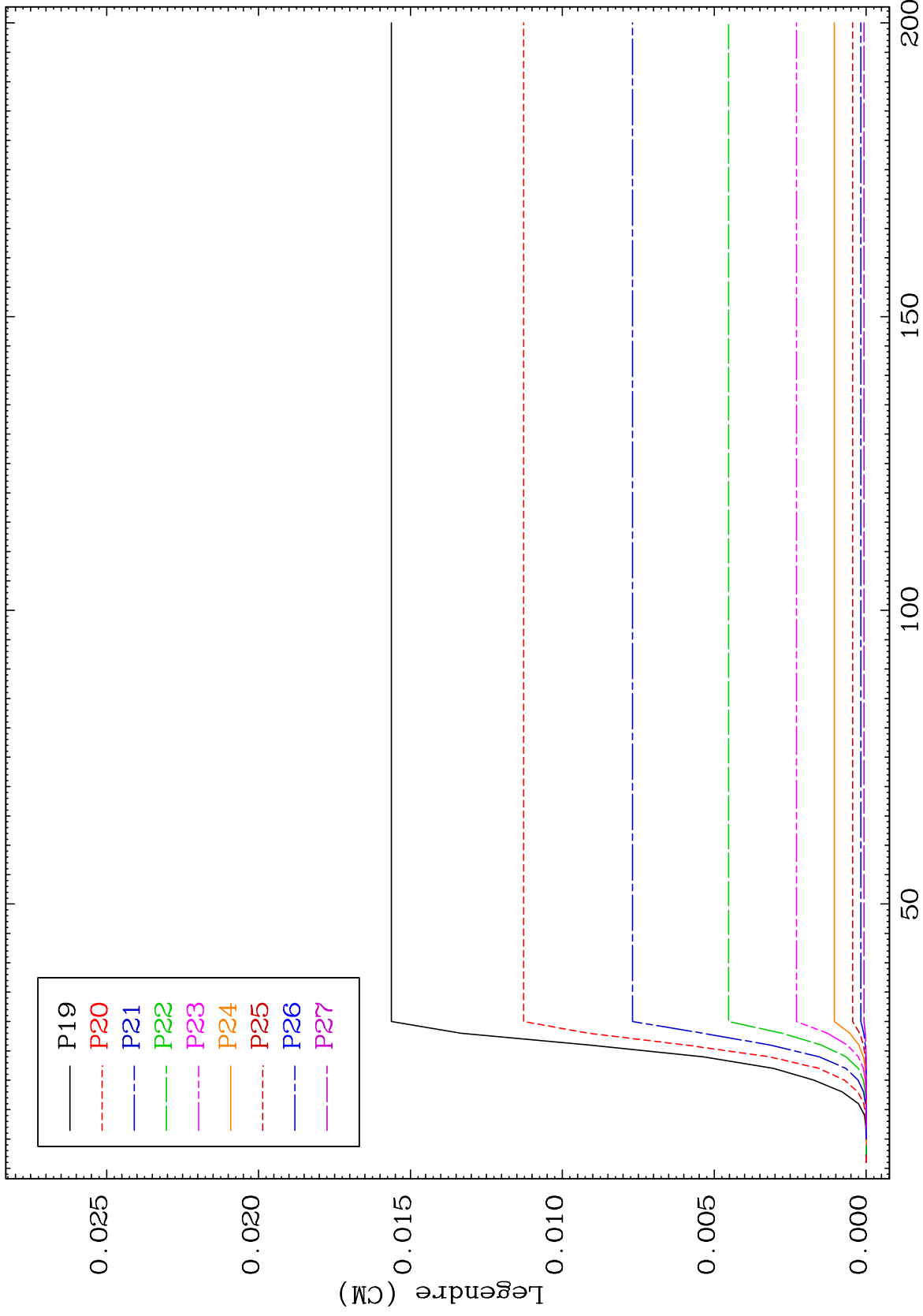
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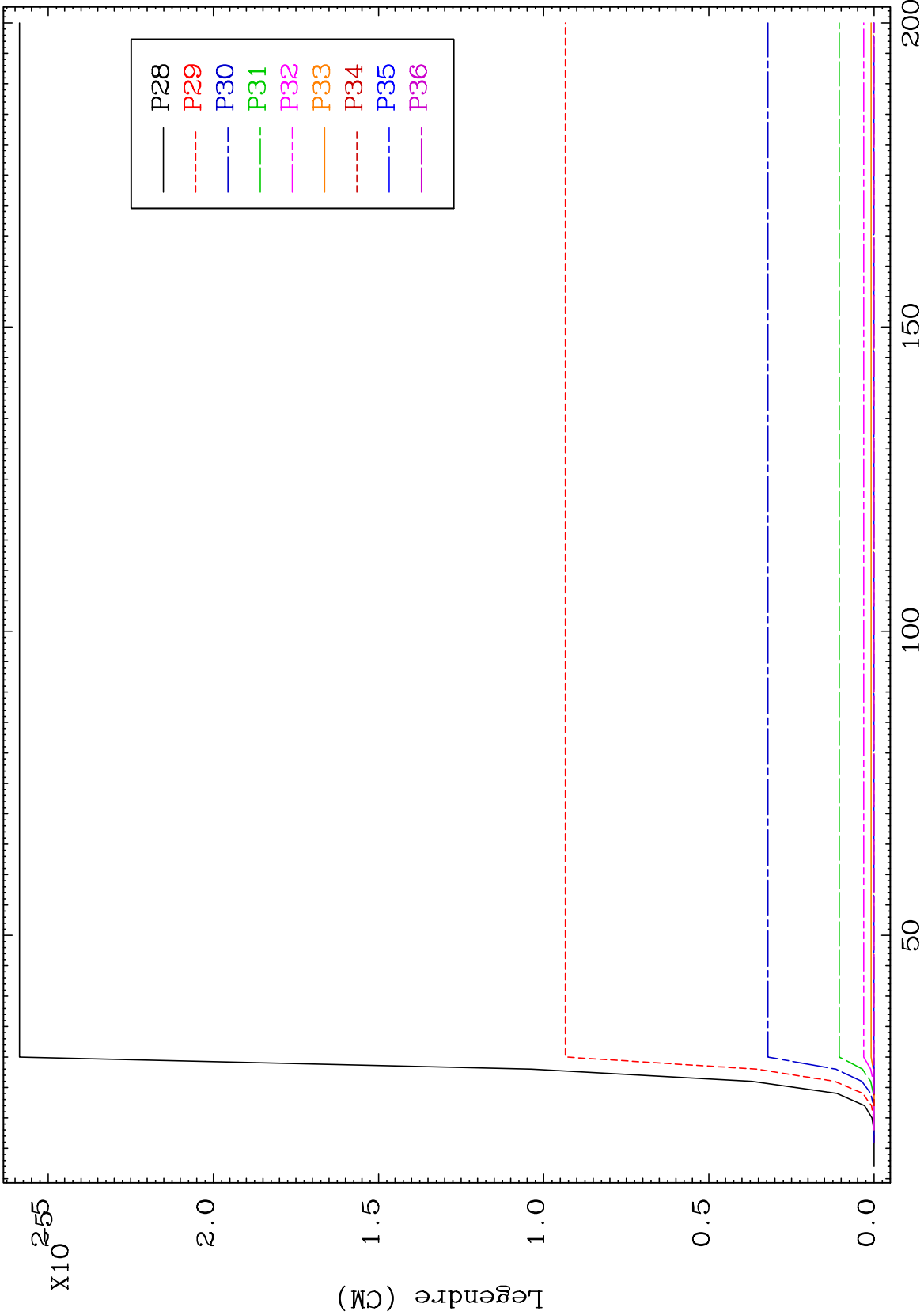


37

Incident Energy (MeV)

71-Lu-169

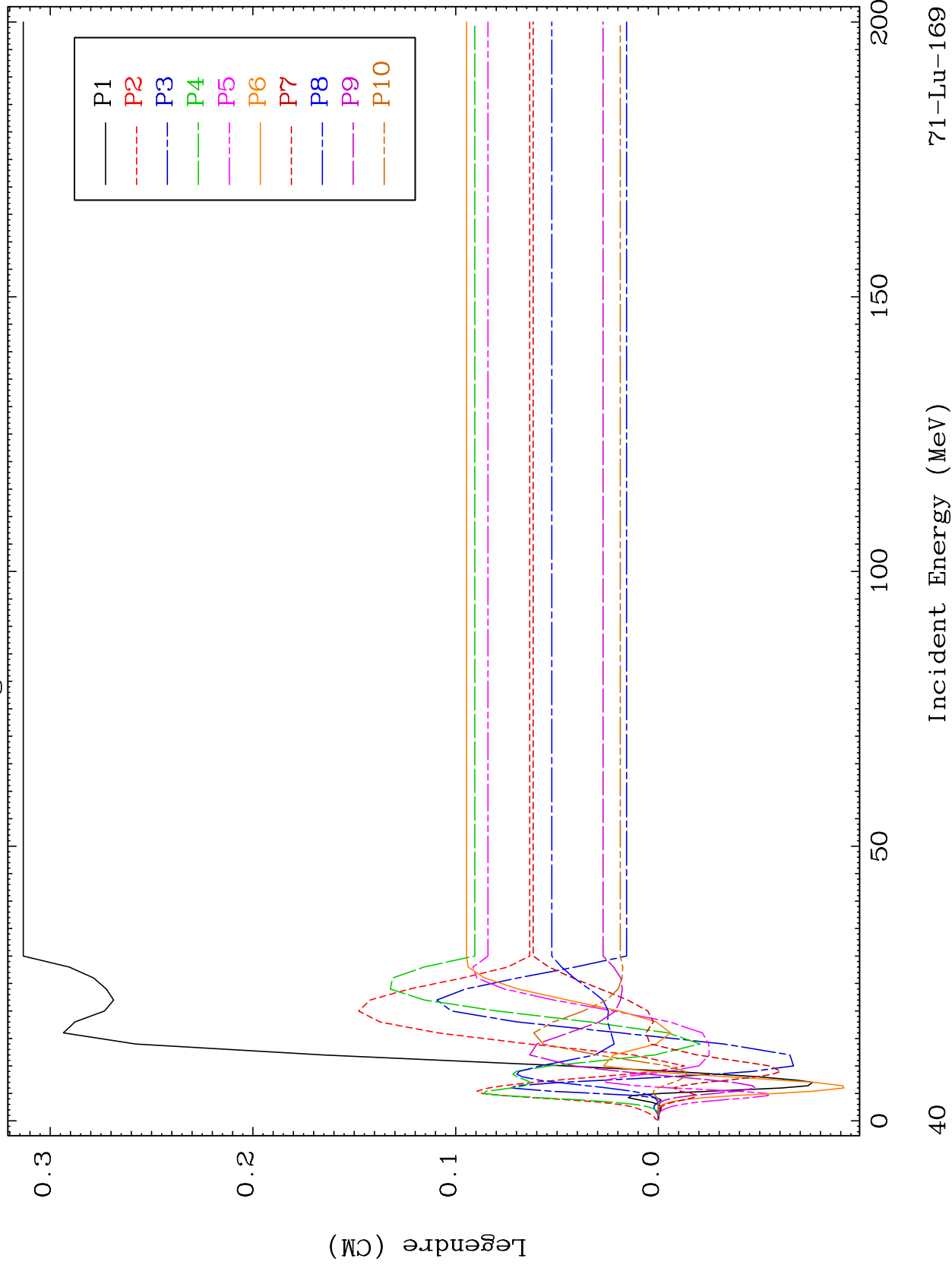




MAT 7107

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

71-Lu-169



71-Lu-169

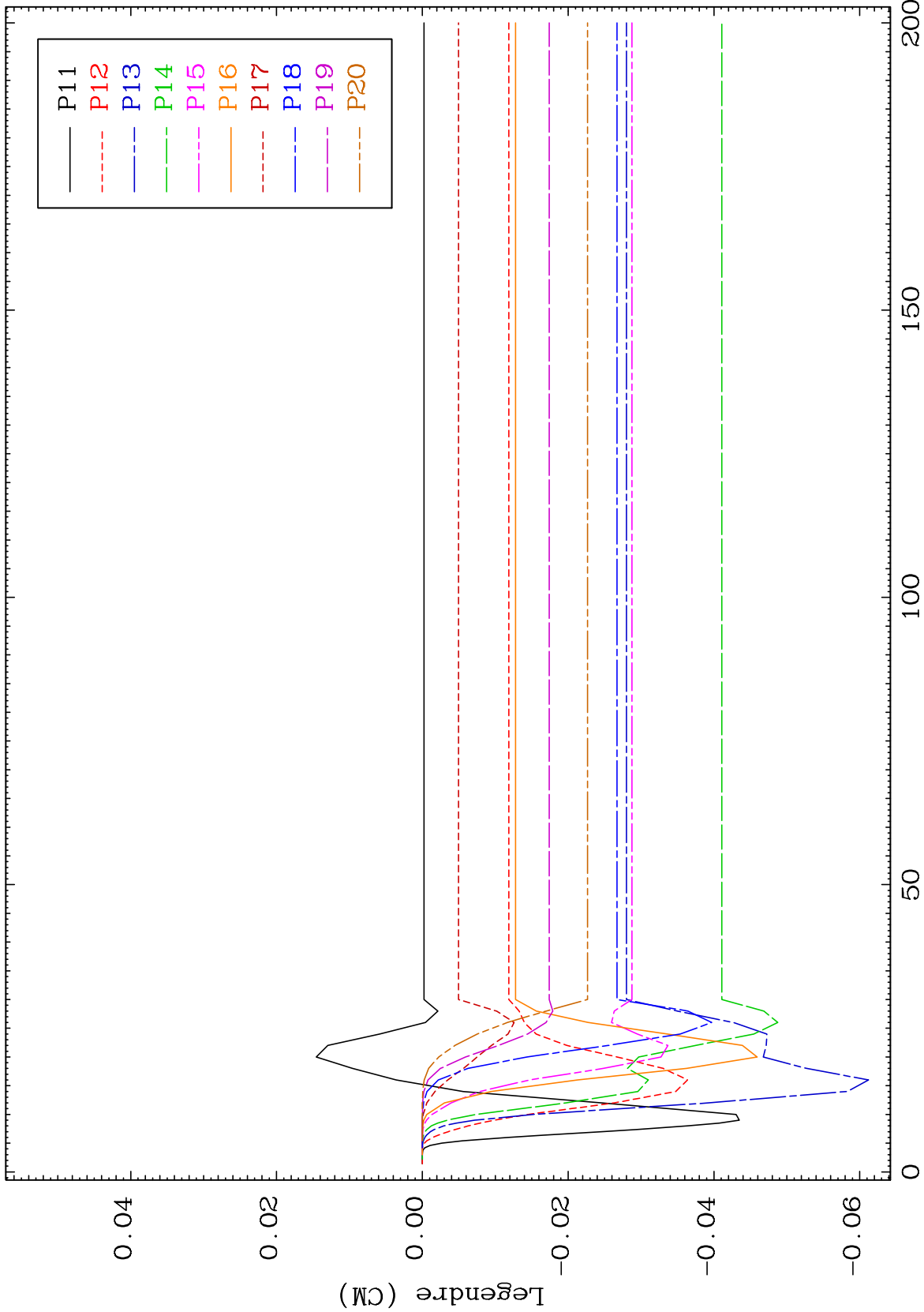
Incident Energy (MeV)

40

MAT 7107

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

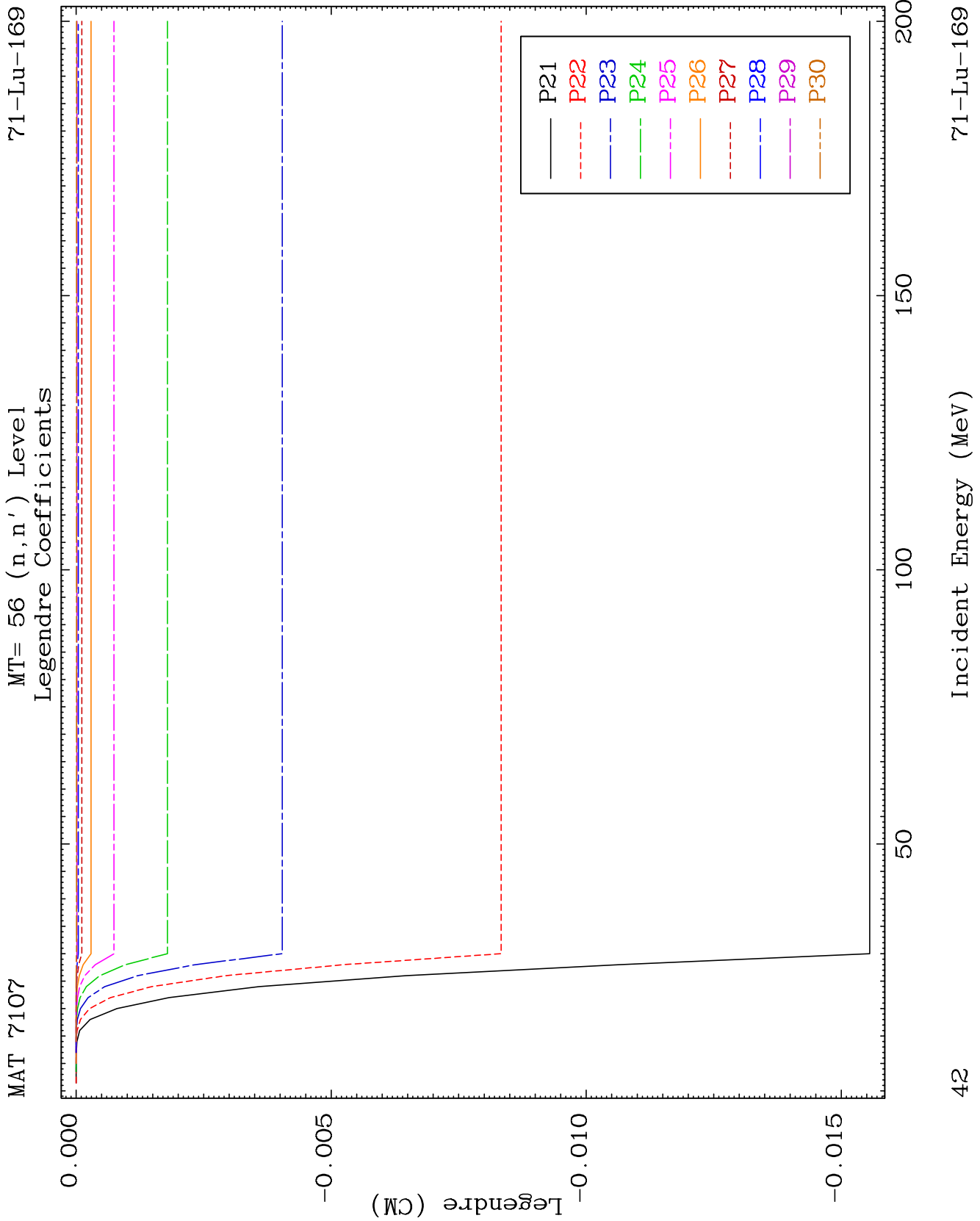
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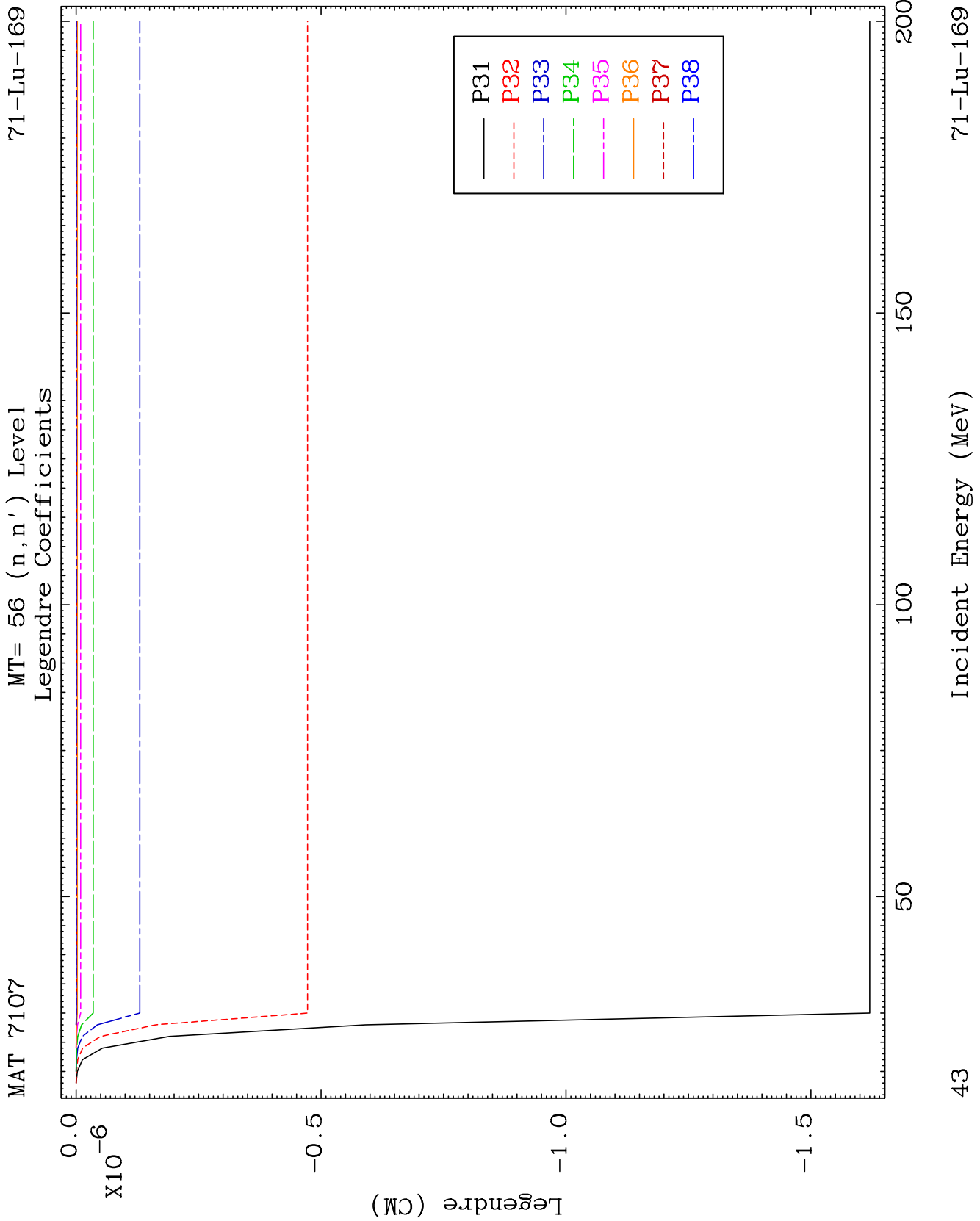


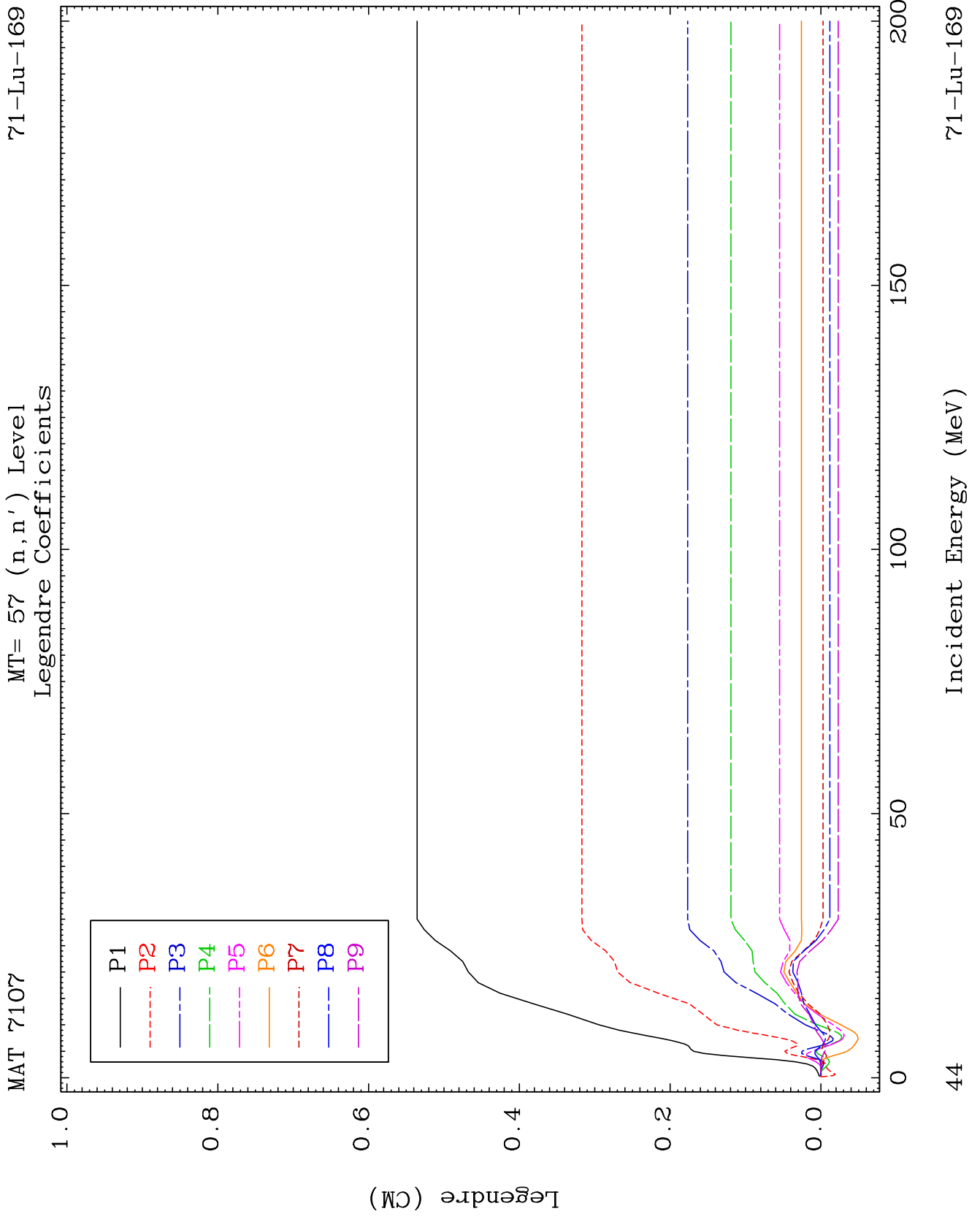
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Incident Energy (MeV)

71-Lu-169



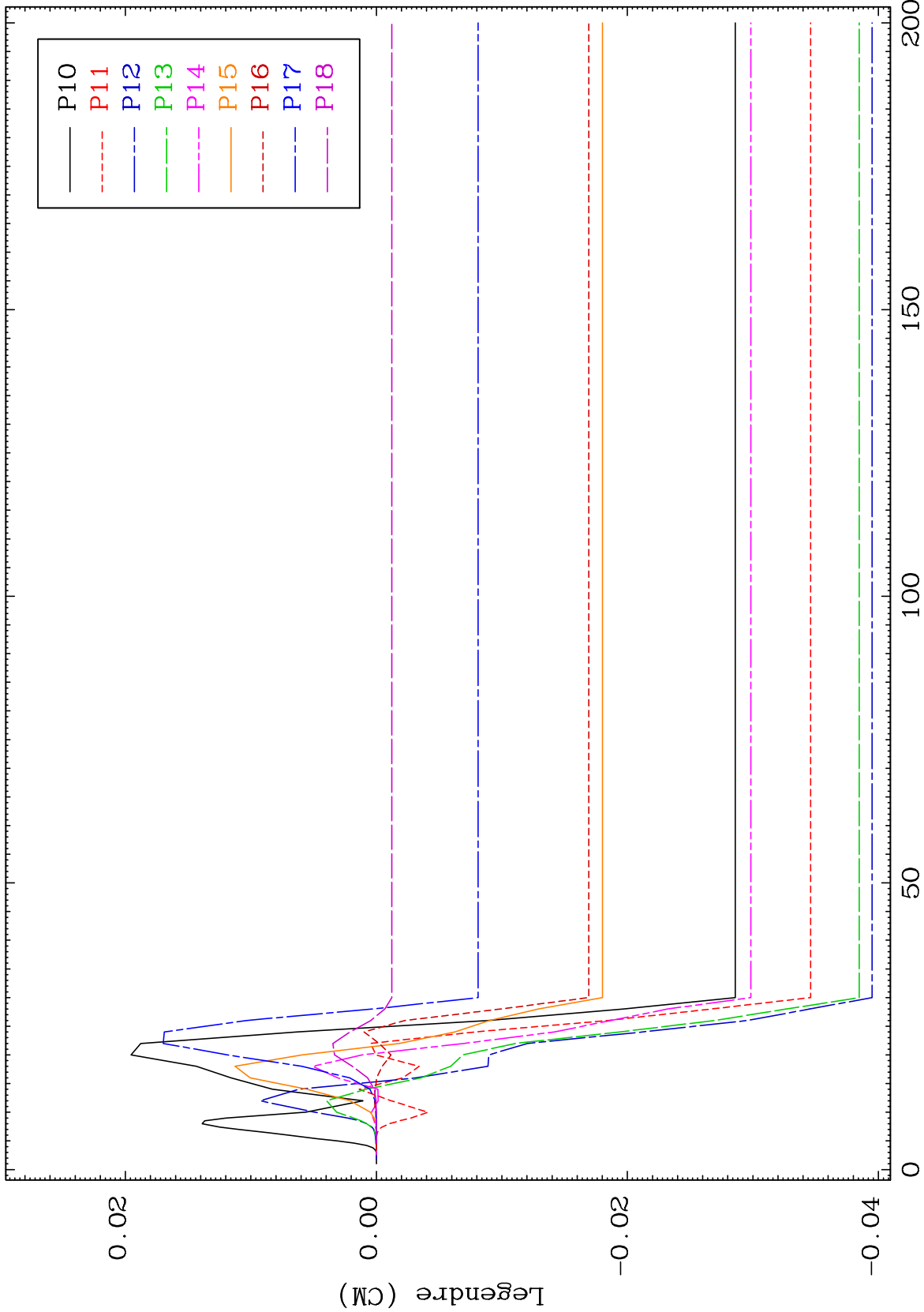




MAT 7107

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

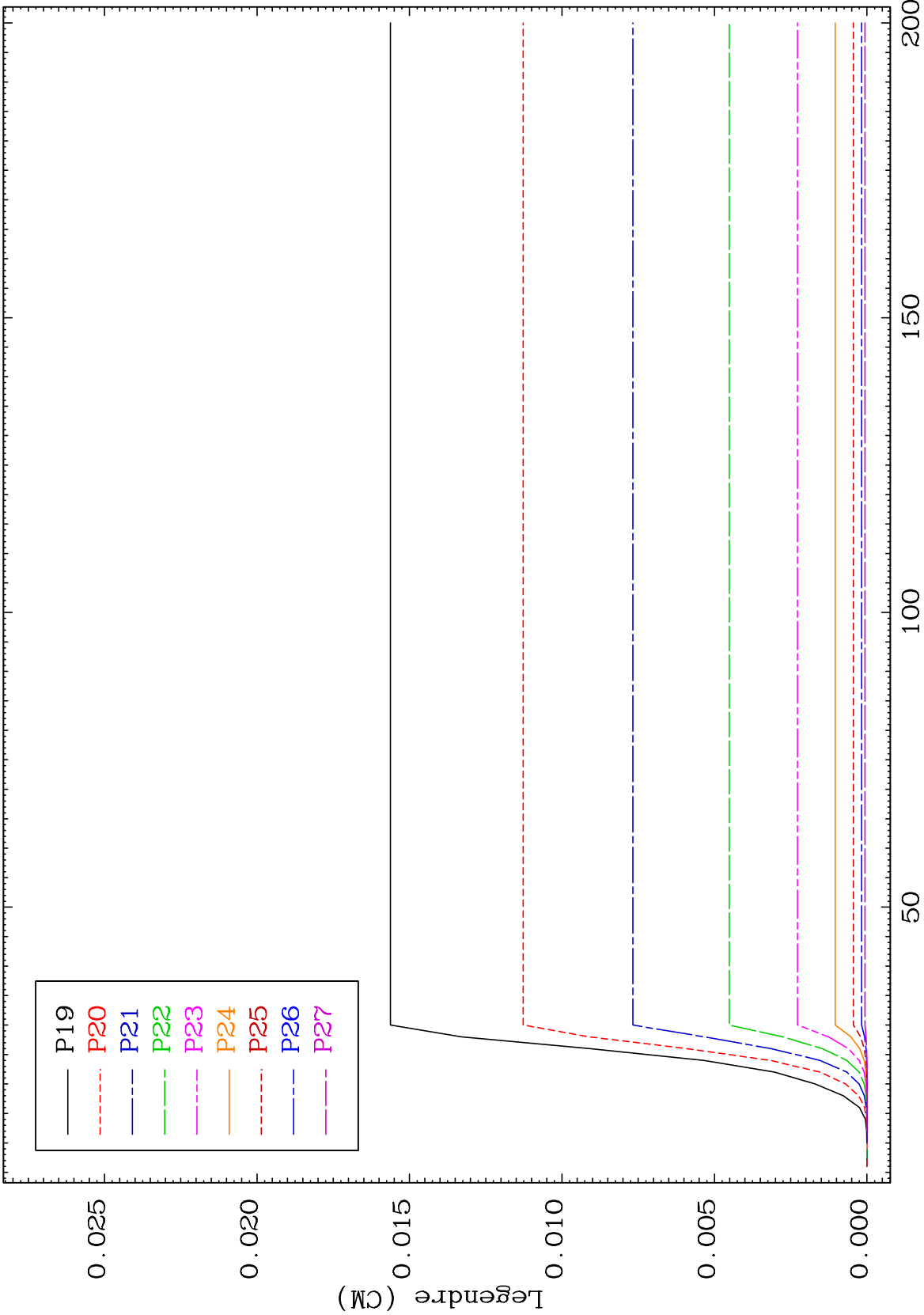
71-Lu-169



71-Lu-169

Incident Energy (MeV)

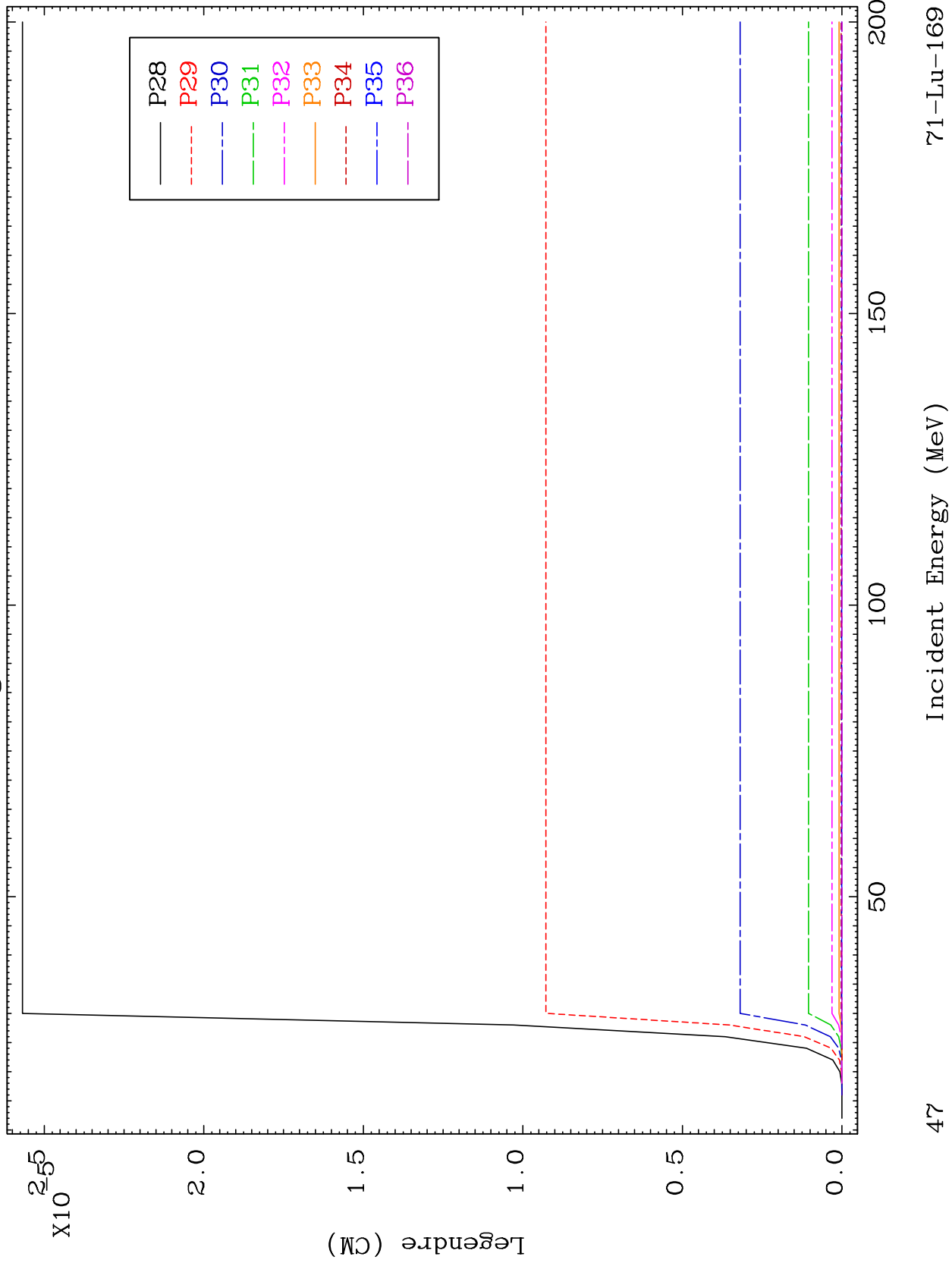
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MAT 7107

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

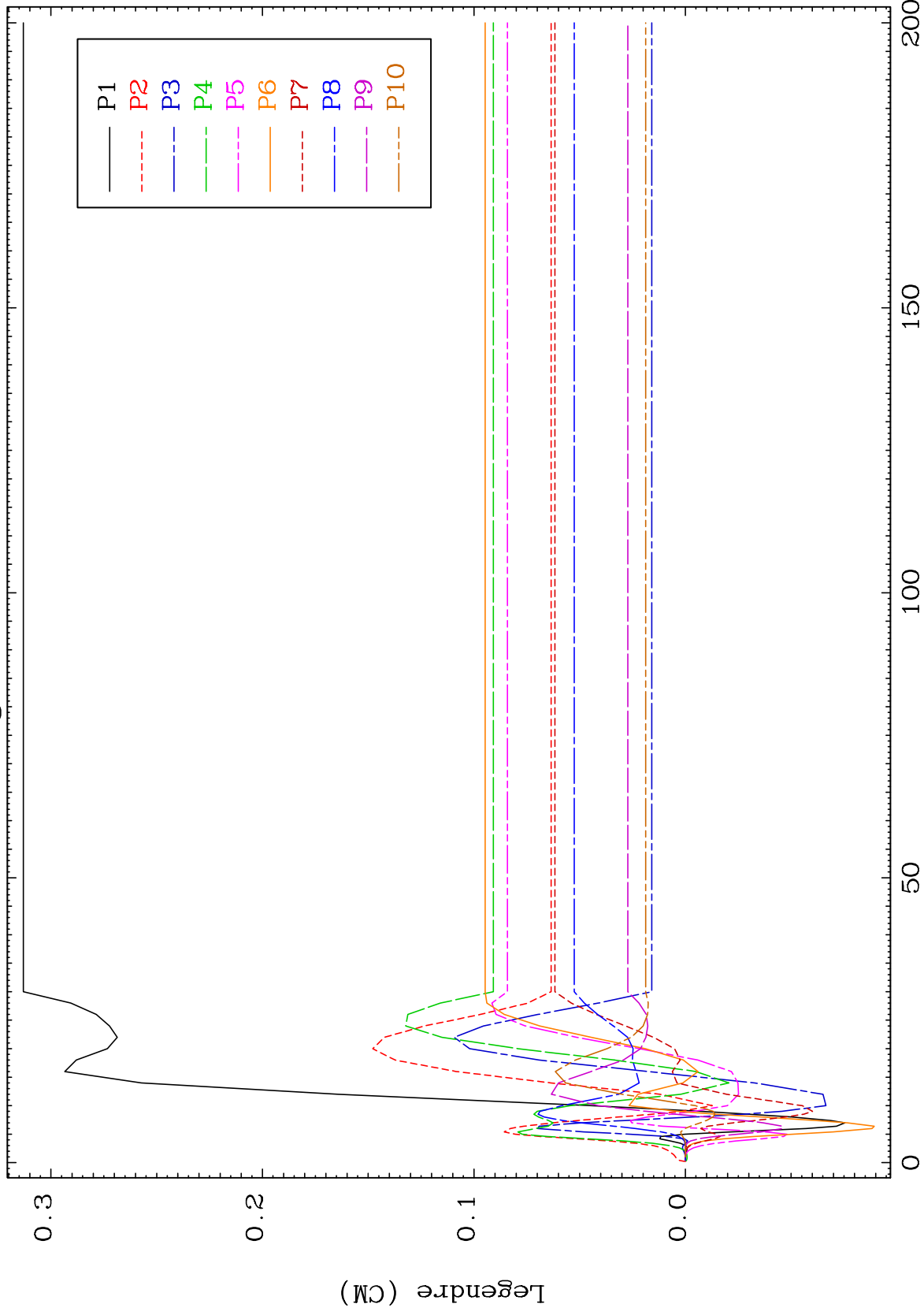
71-Lu-169



MAT 7107

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

71-Lu-169



48

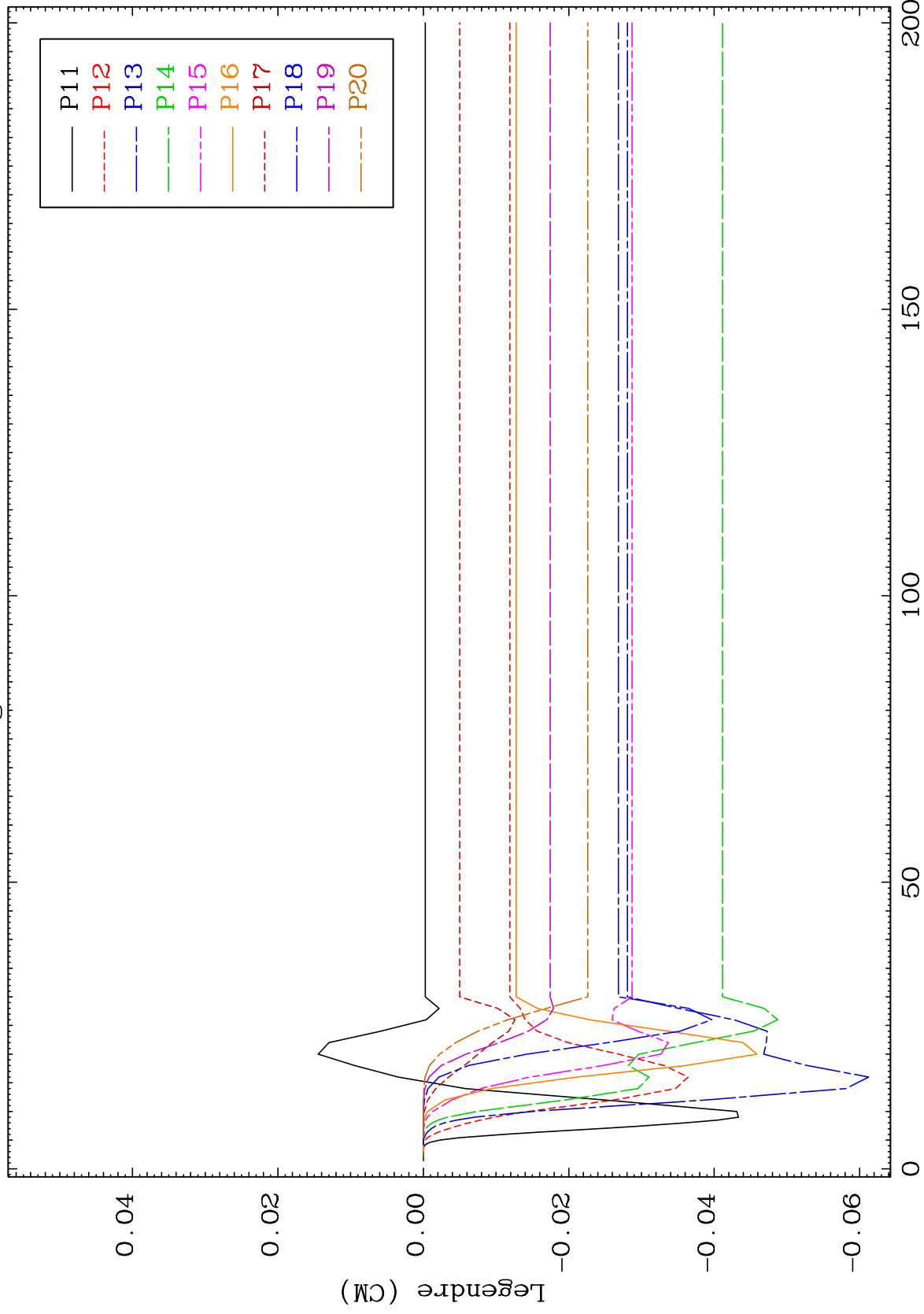
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

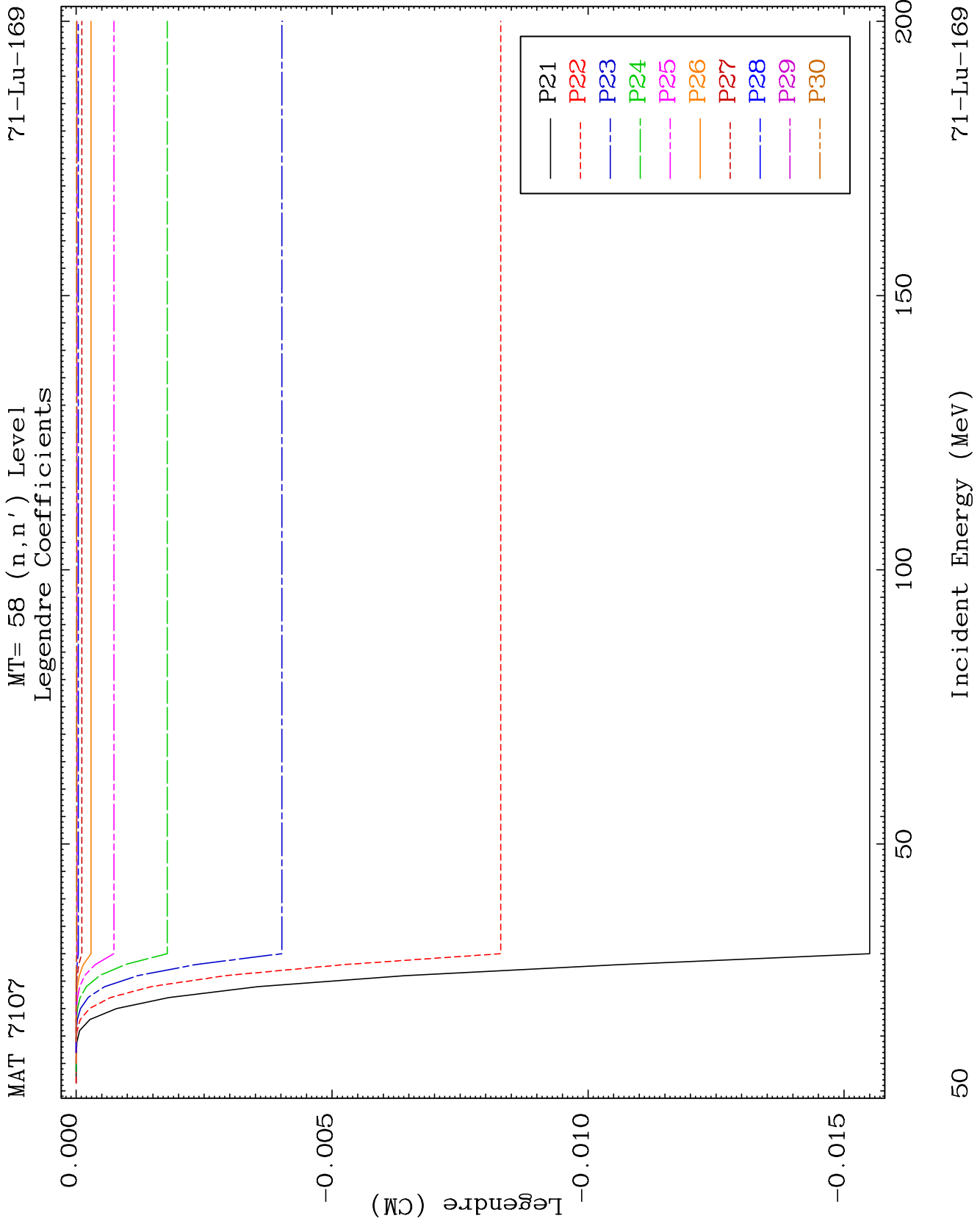
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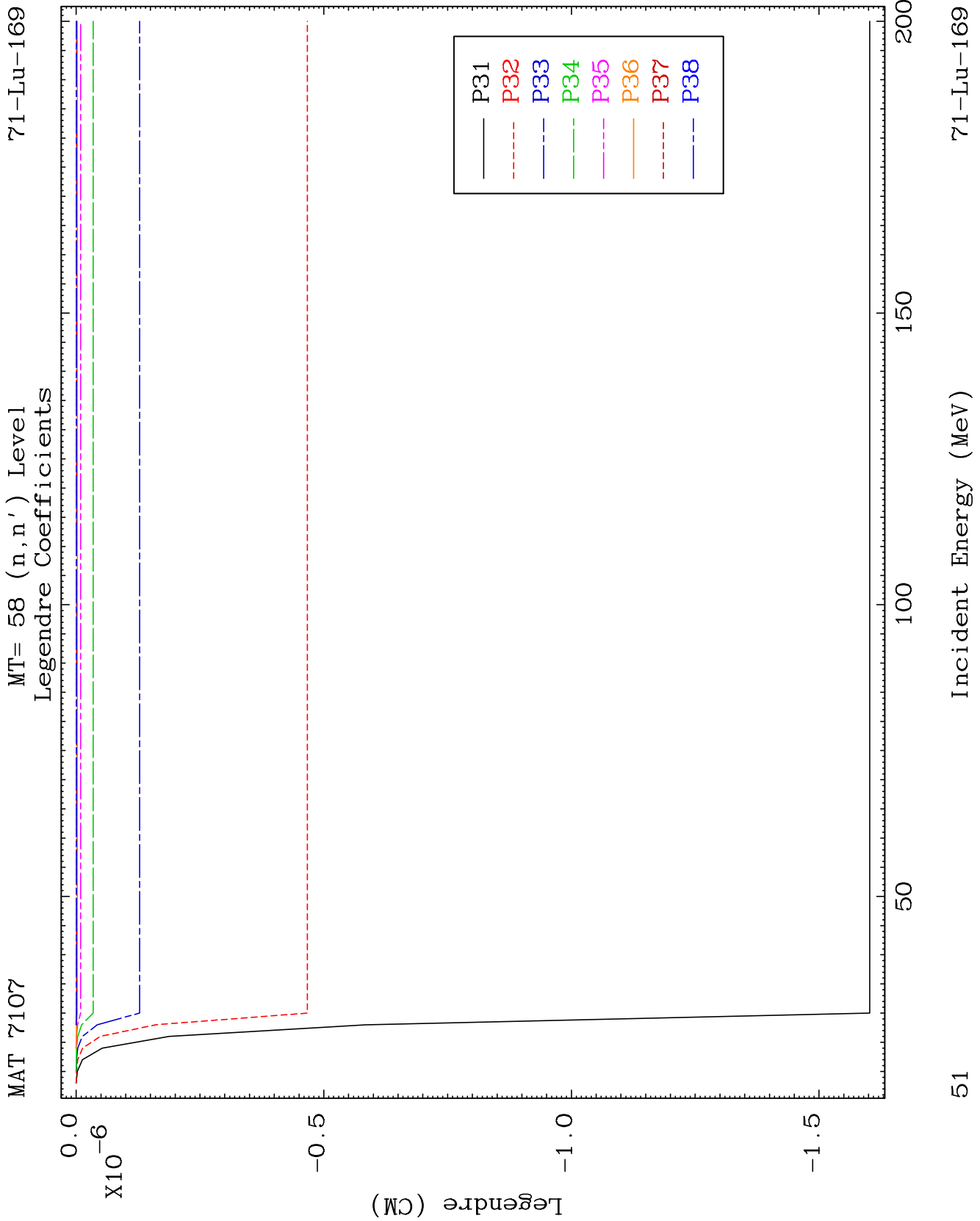


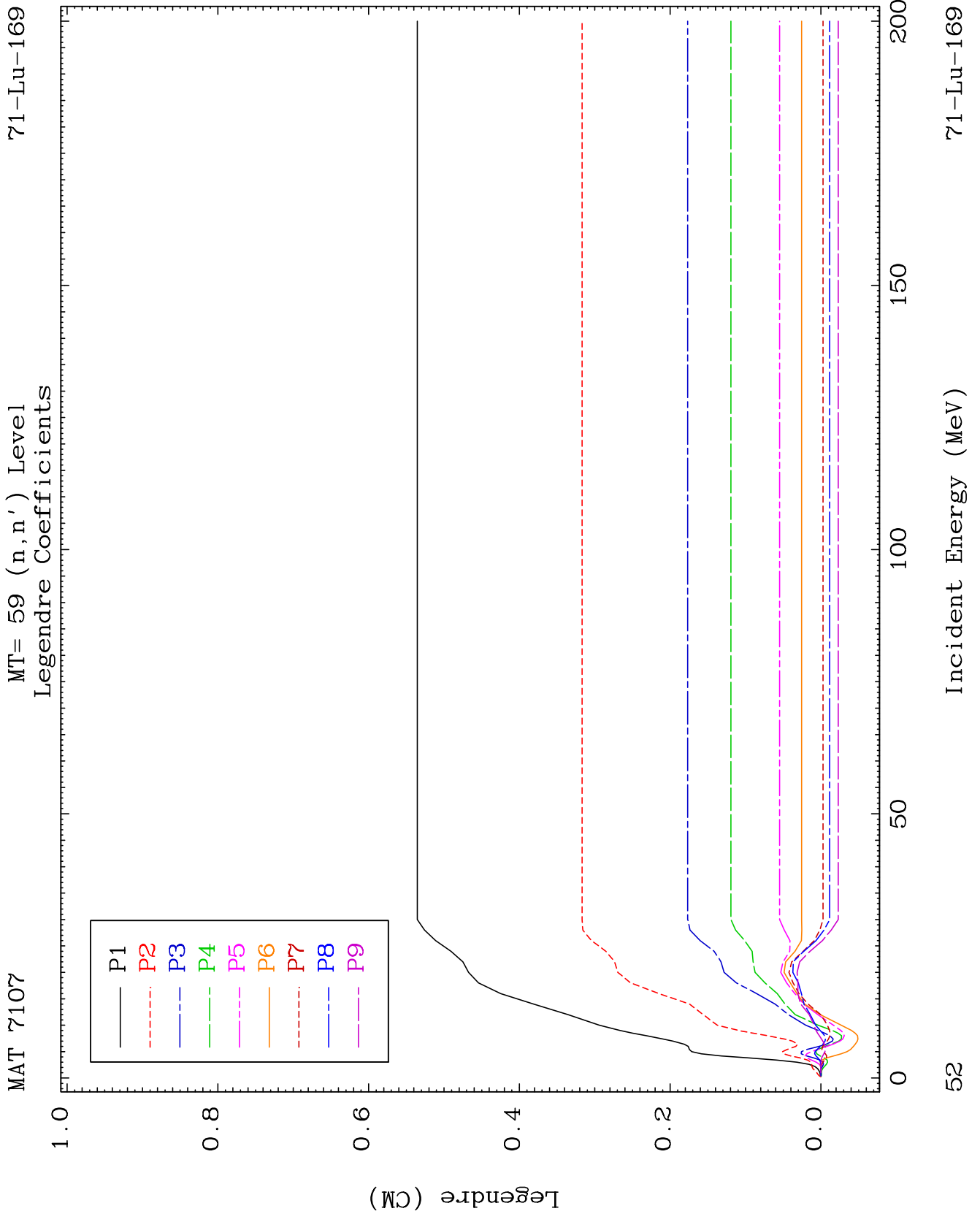
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Incident Energy (MeV)

71-Lu-169



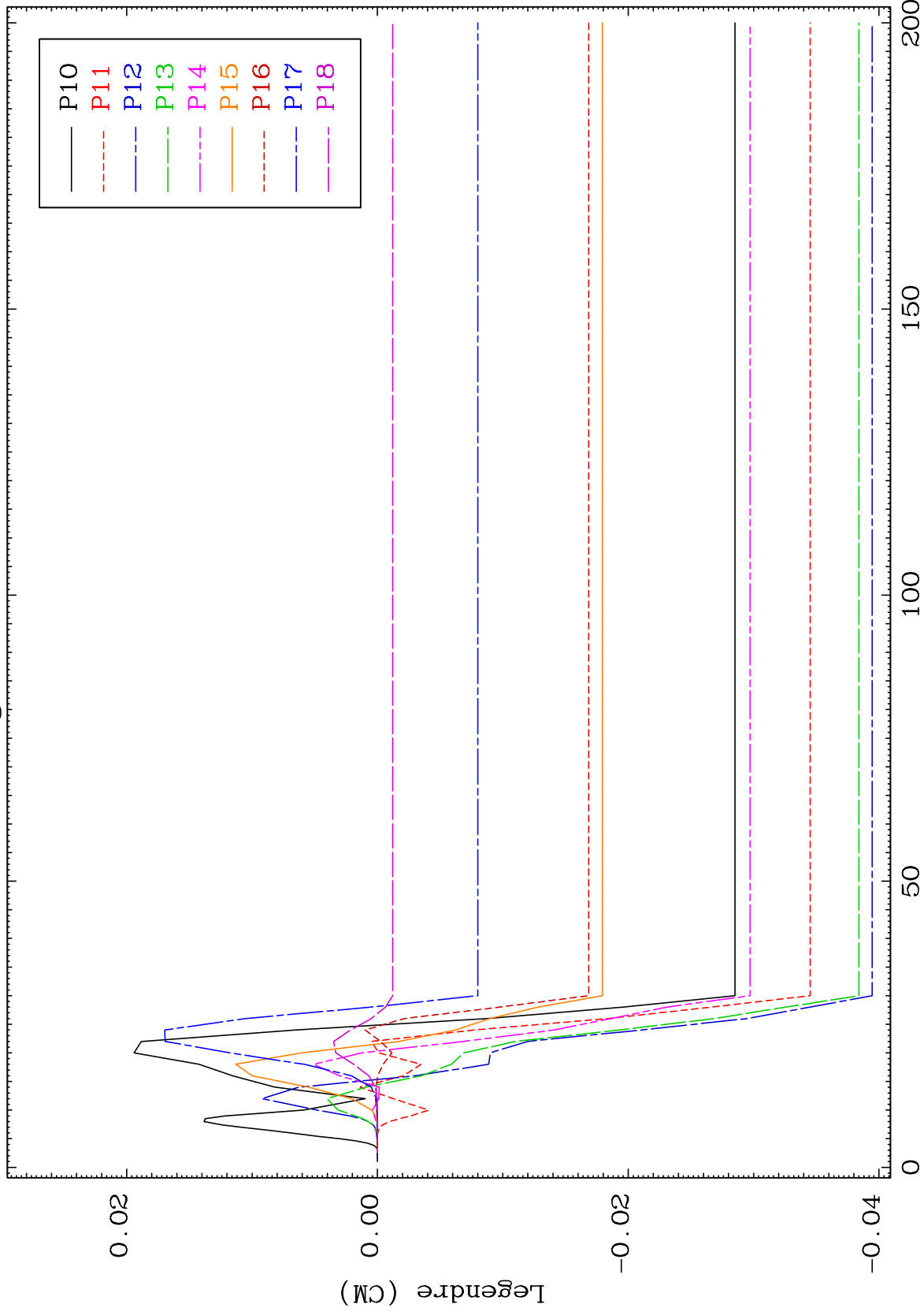




MAT 7107

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

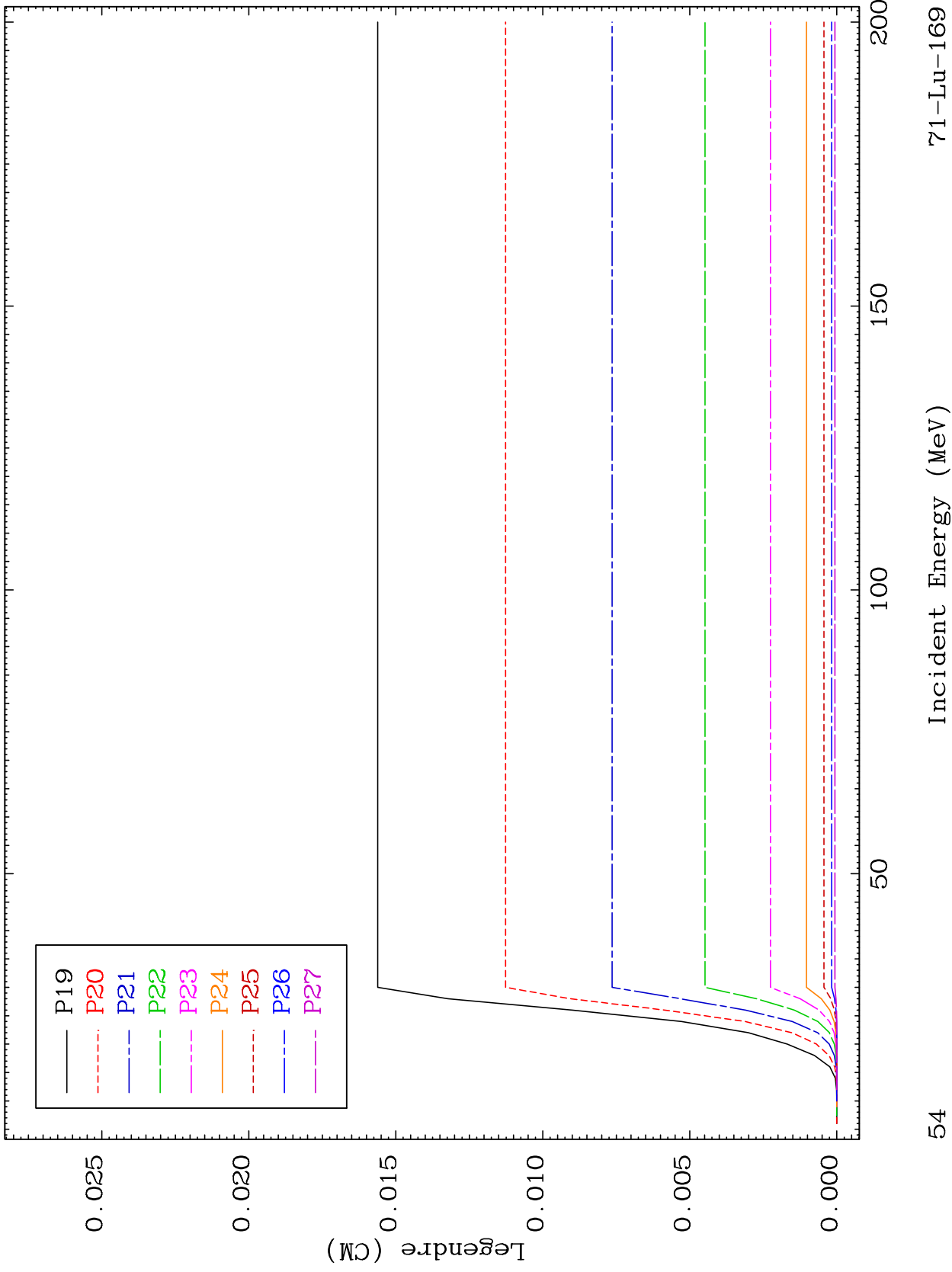
71-Lu-169



53

Incident Energy (MeV)

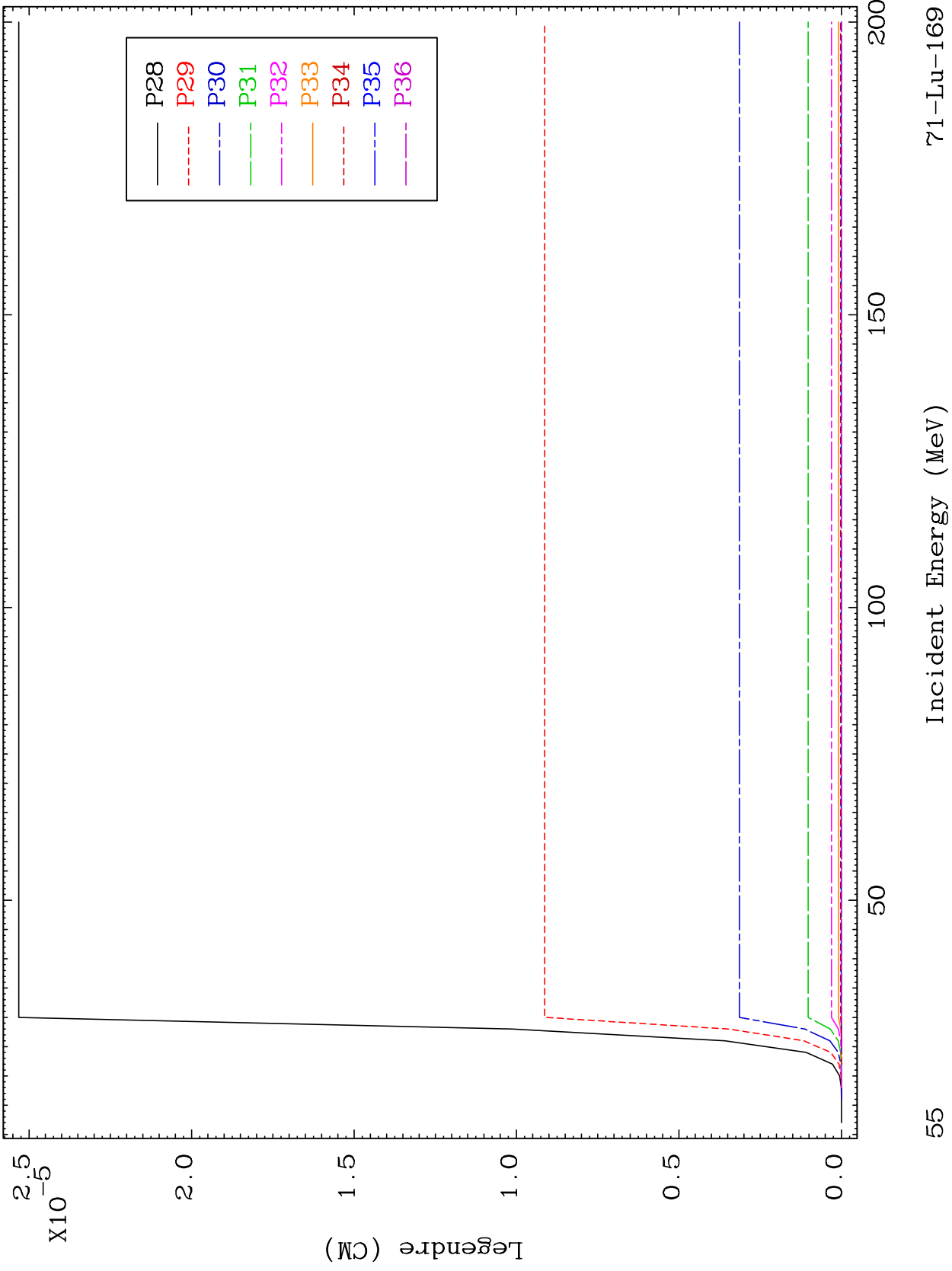
71-Lu-169



MAT 7107

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

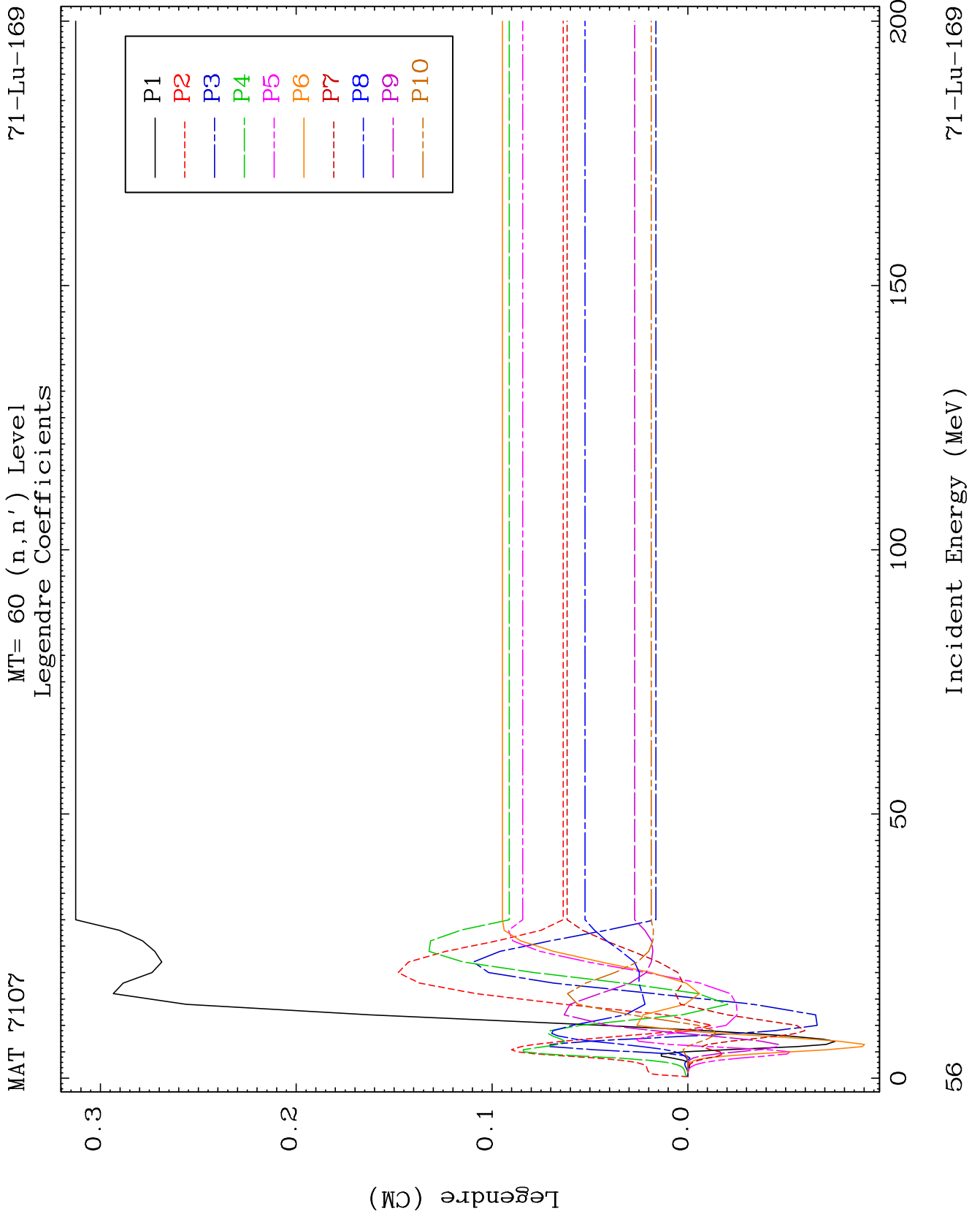
71-Lu-169



55

Incident Energy (MeV)

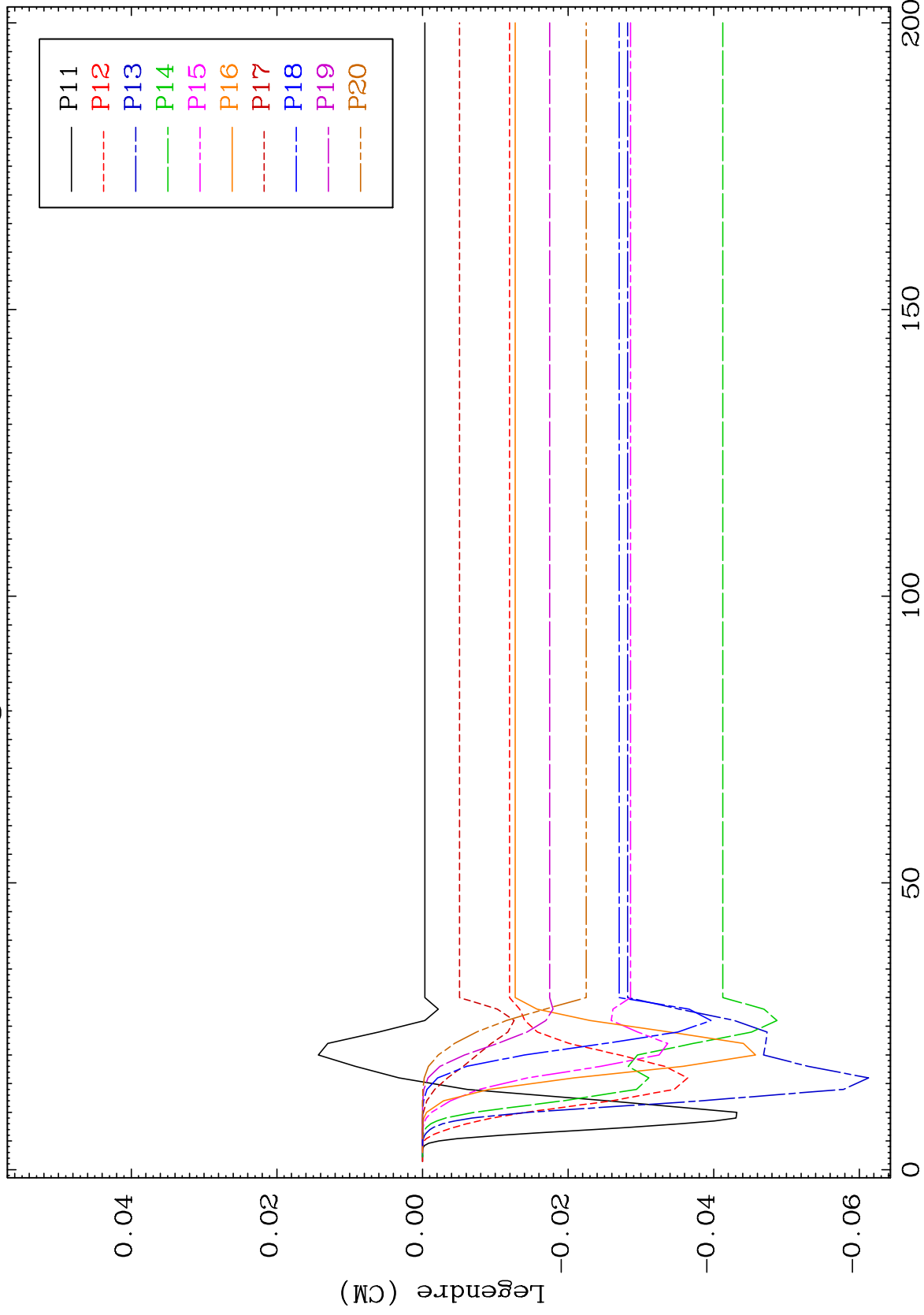
71-Lu-169



MAT 7107

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

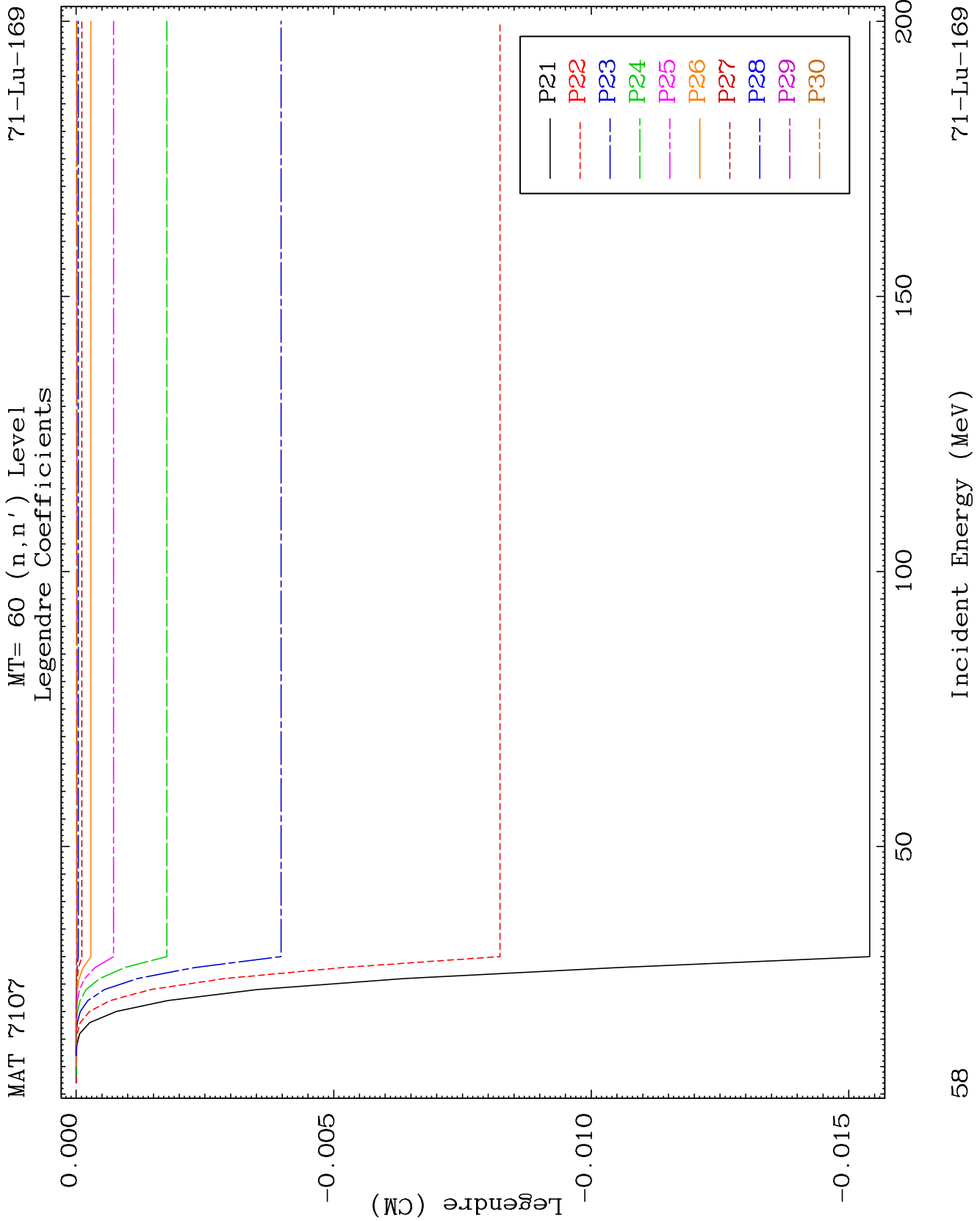
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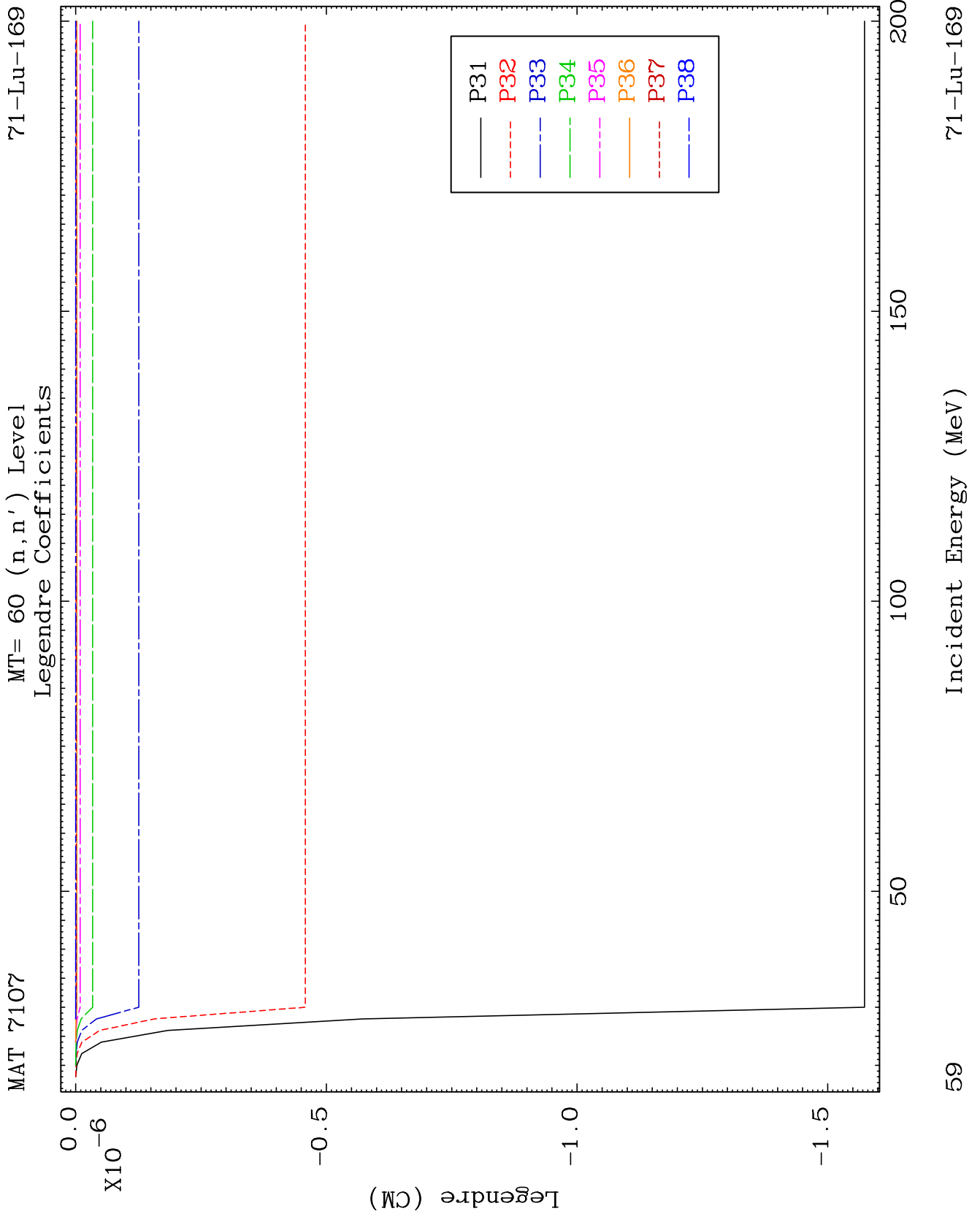


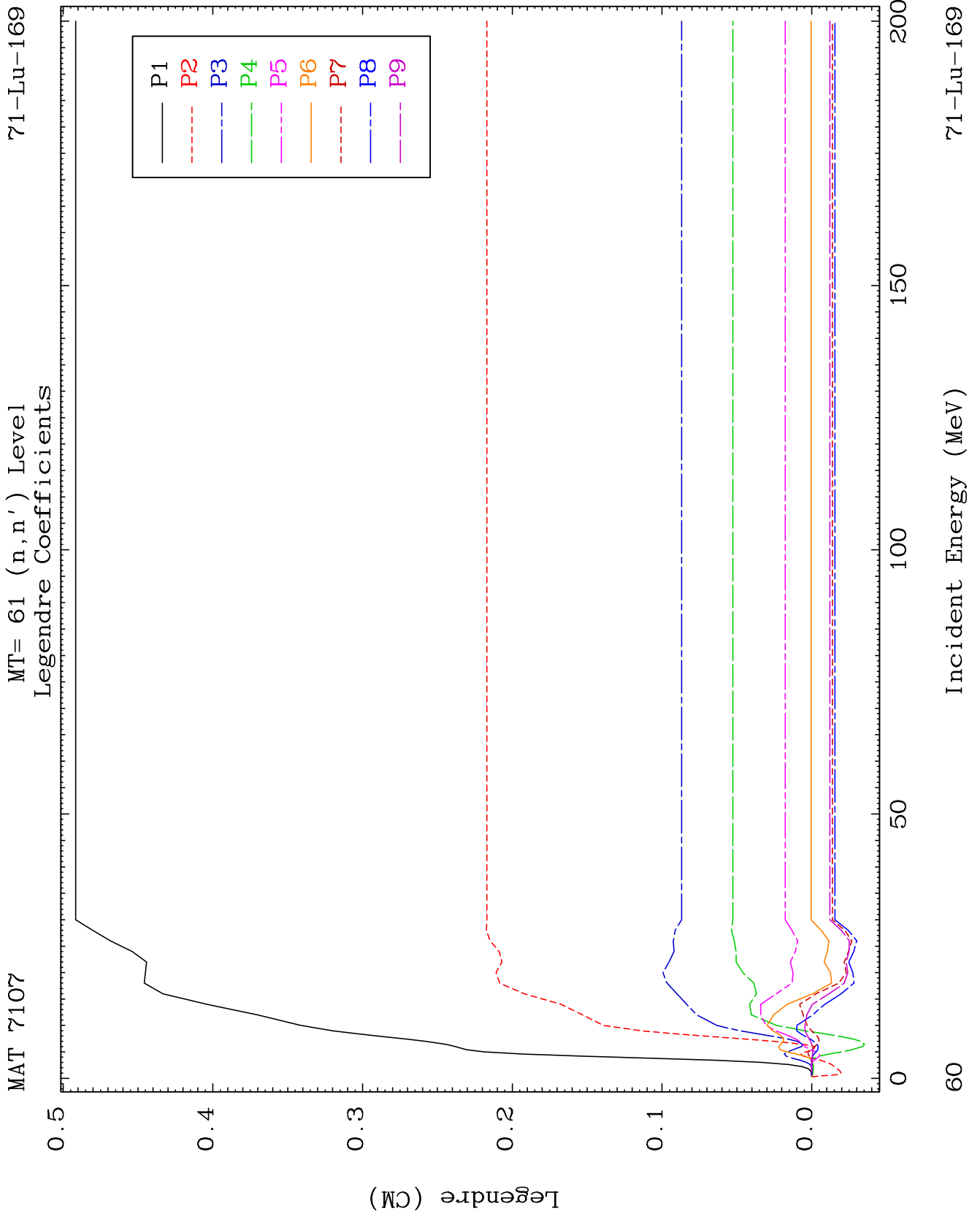
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Incident Energy (MeV)

71-Lu-169



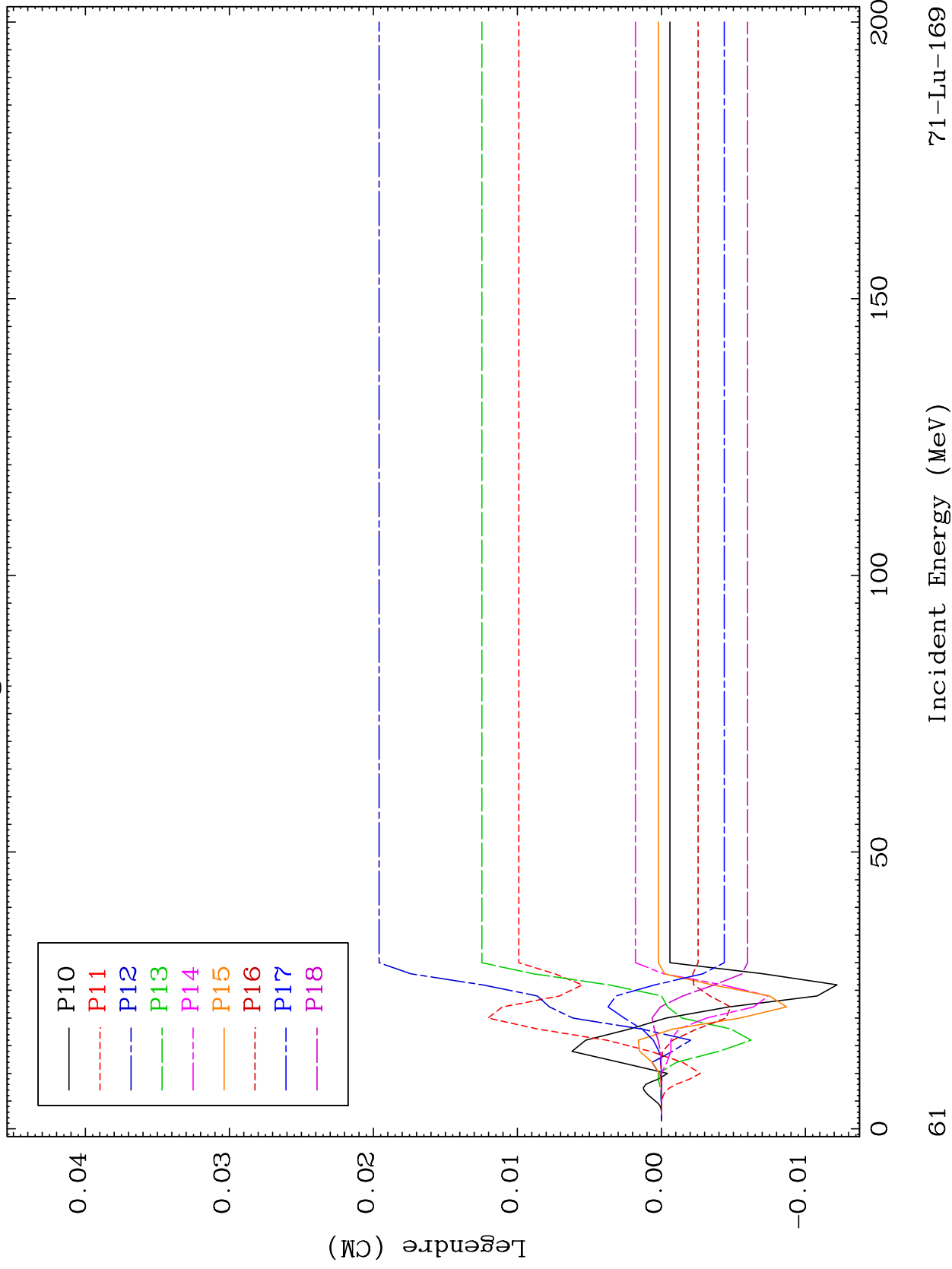




MAT 7107

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

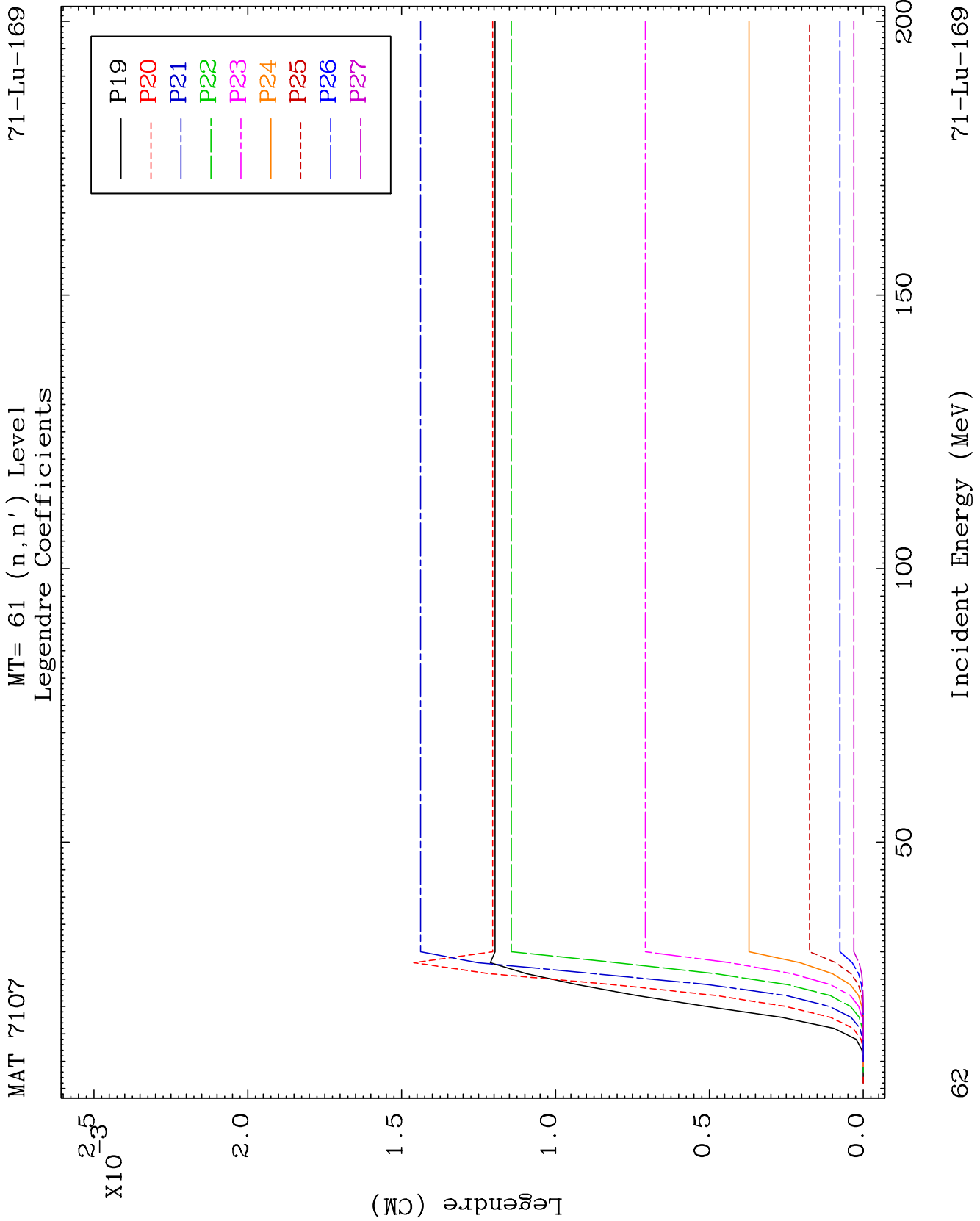
71-Lu-169



71-Lu-169

Incident Energy (MeV)

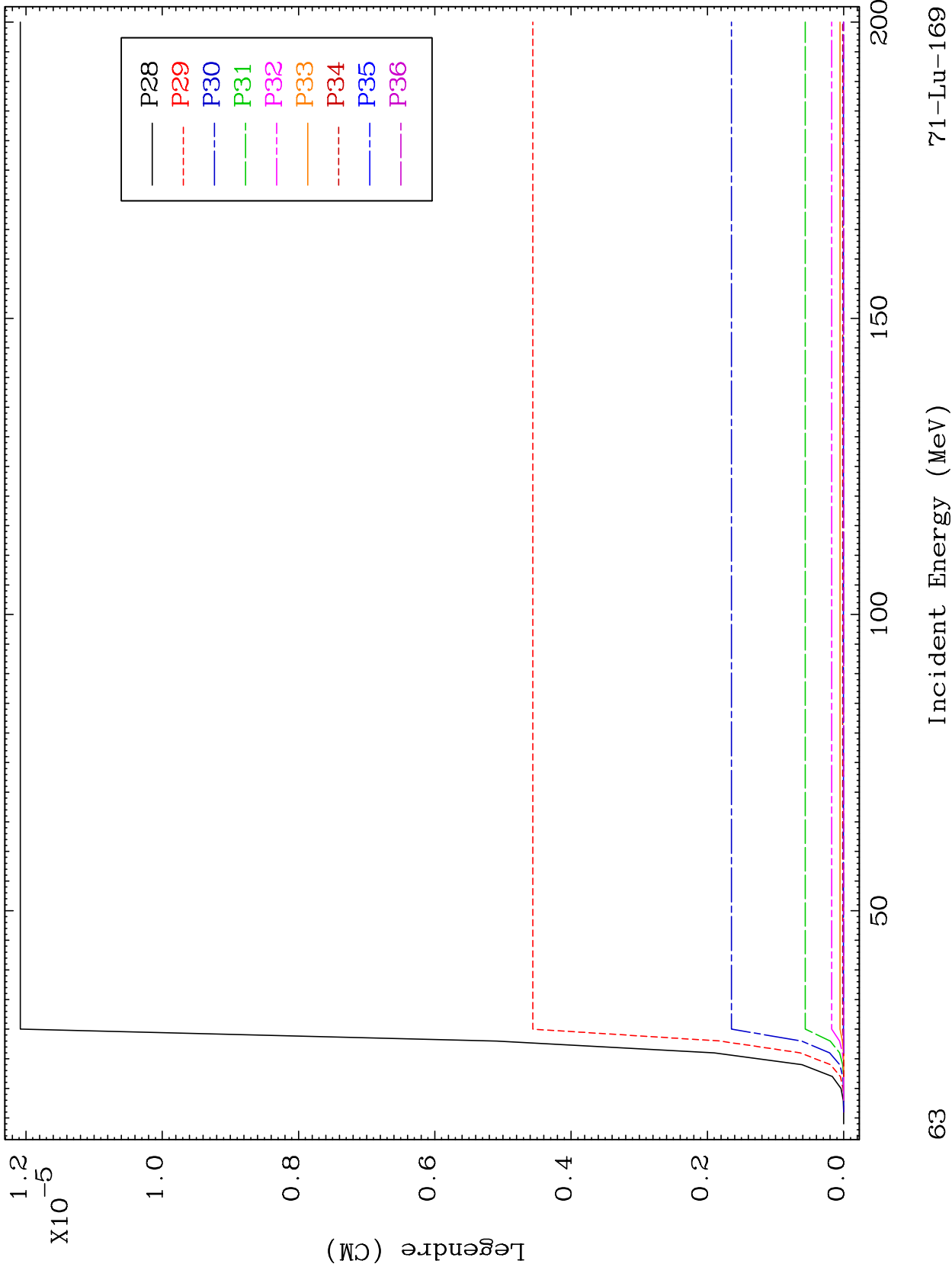
61



MAT 7107

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

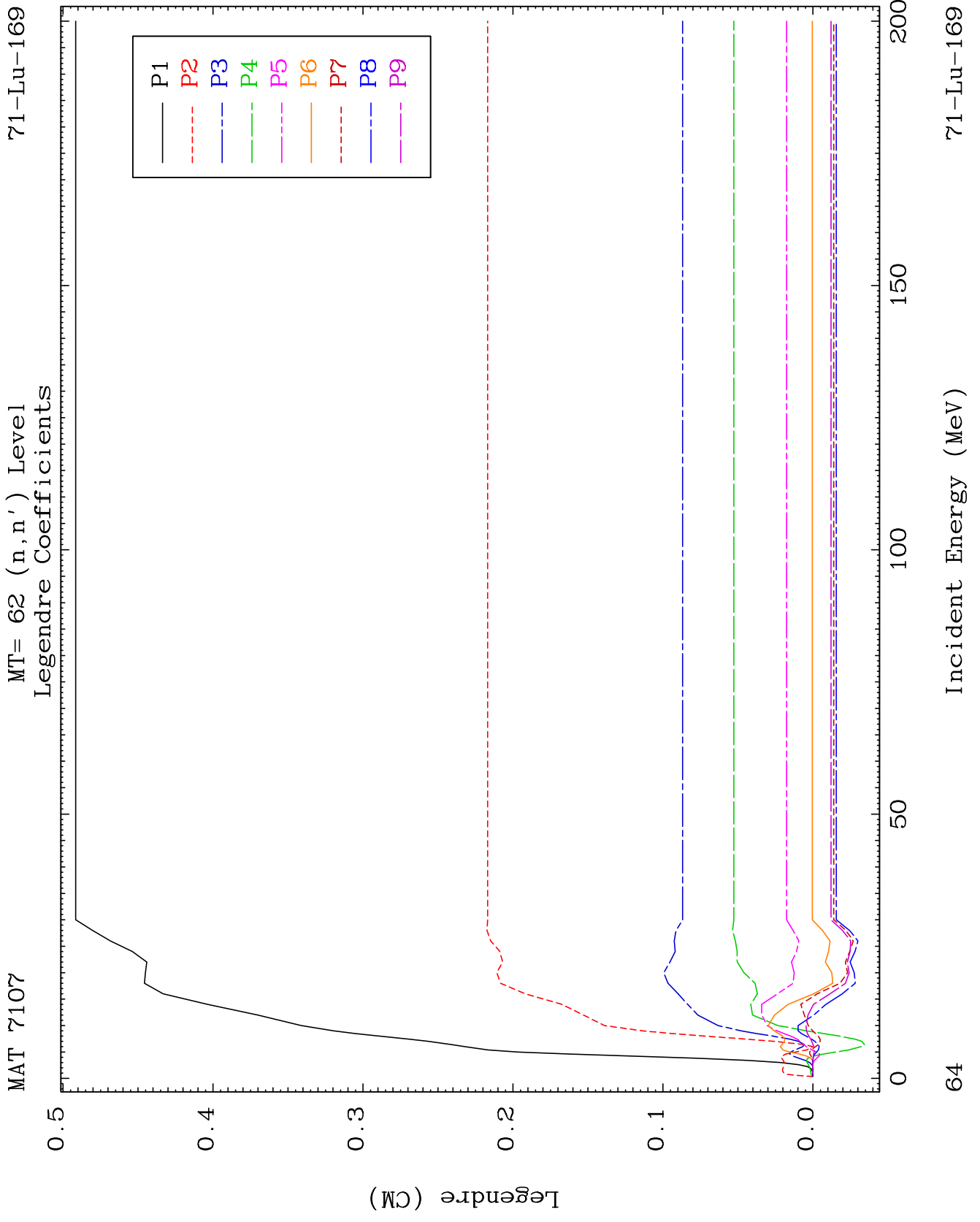
71-Lu-169



63

Incident Energy (MeV)

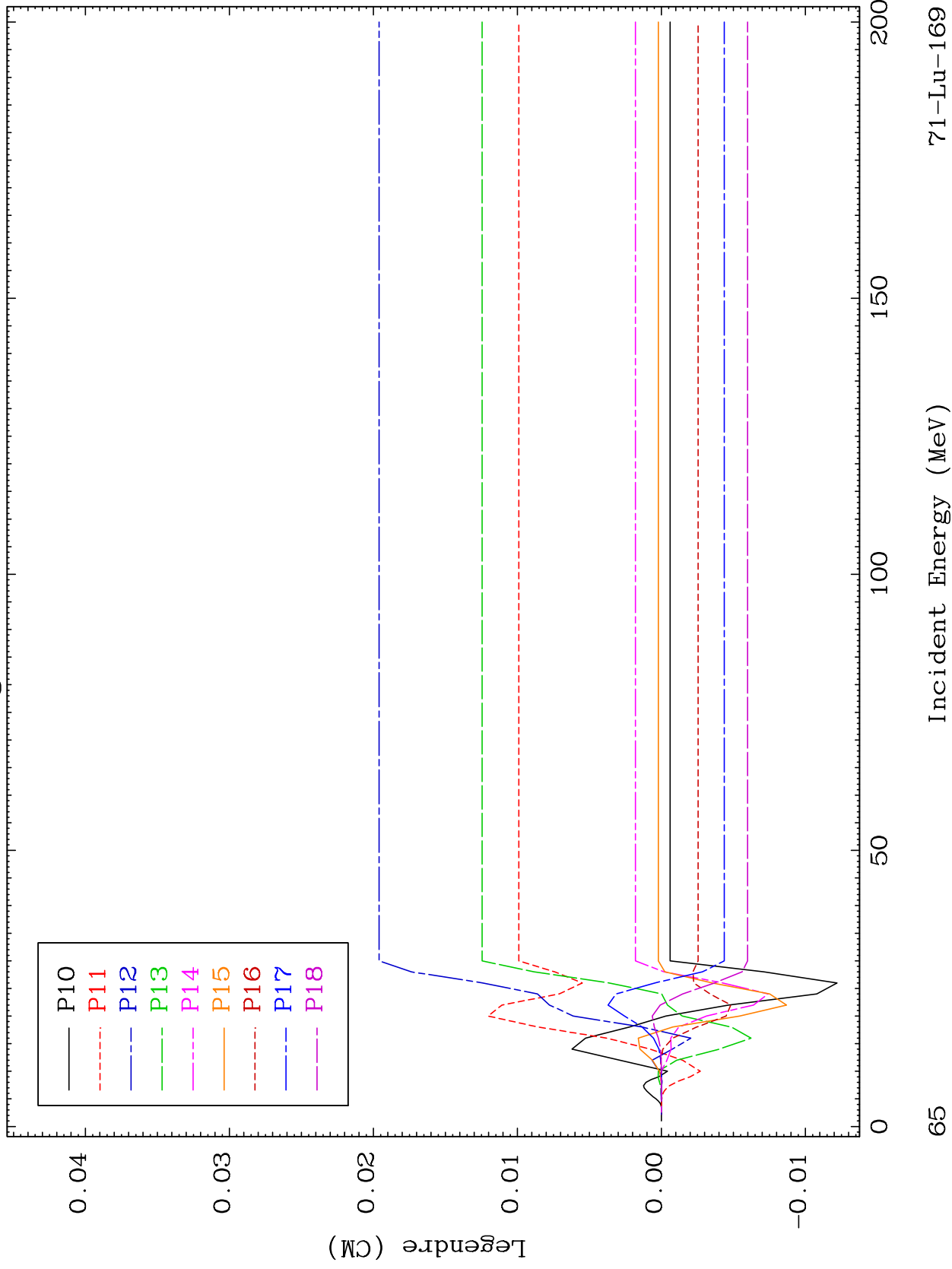
71-Lu-169



MAT 7107

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

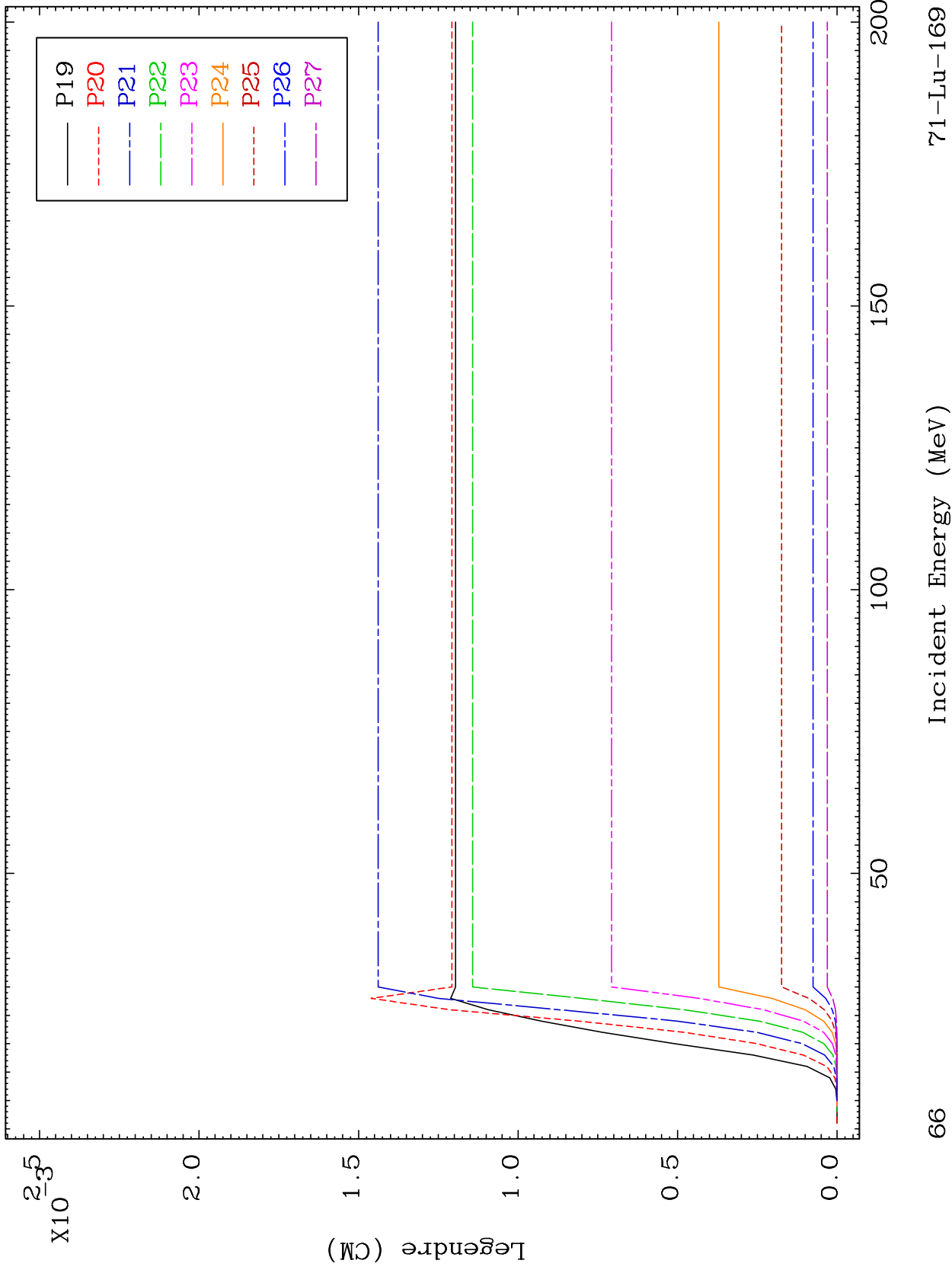
71-Lu-169



71-Lu-169

Incident Energy (MeV)

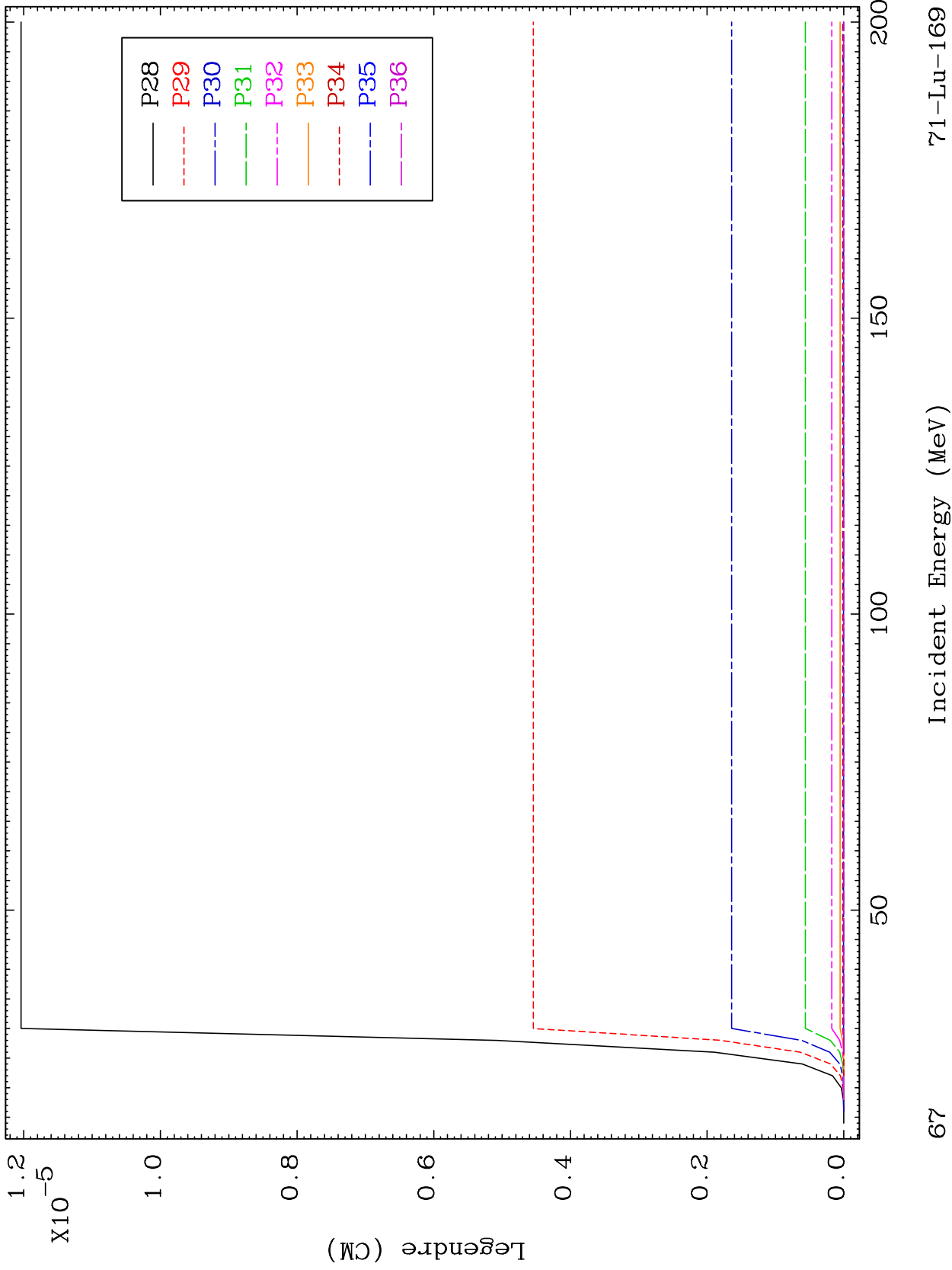
65



MAT 7107

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

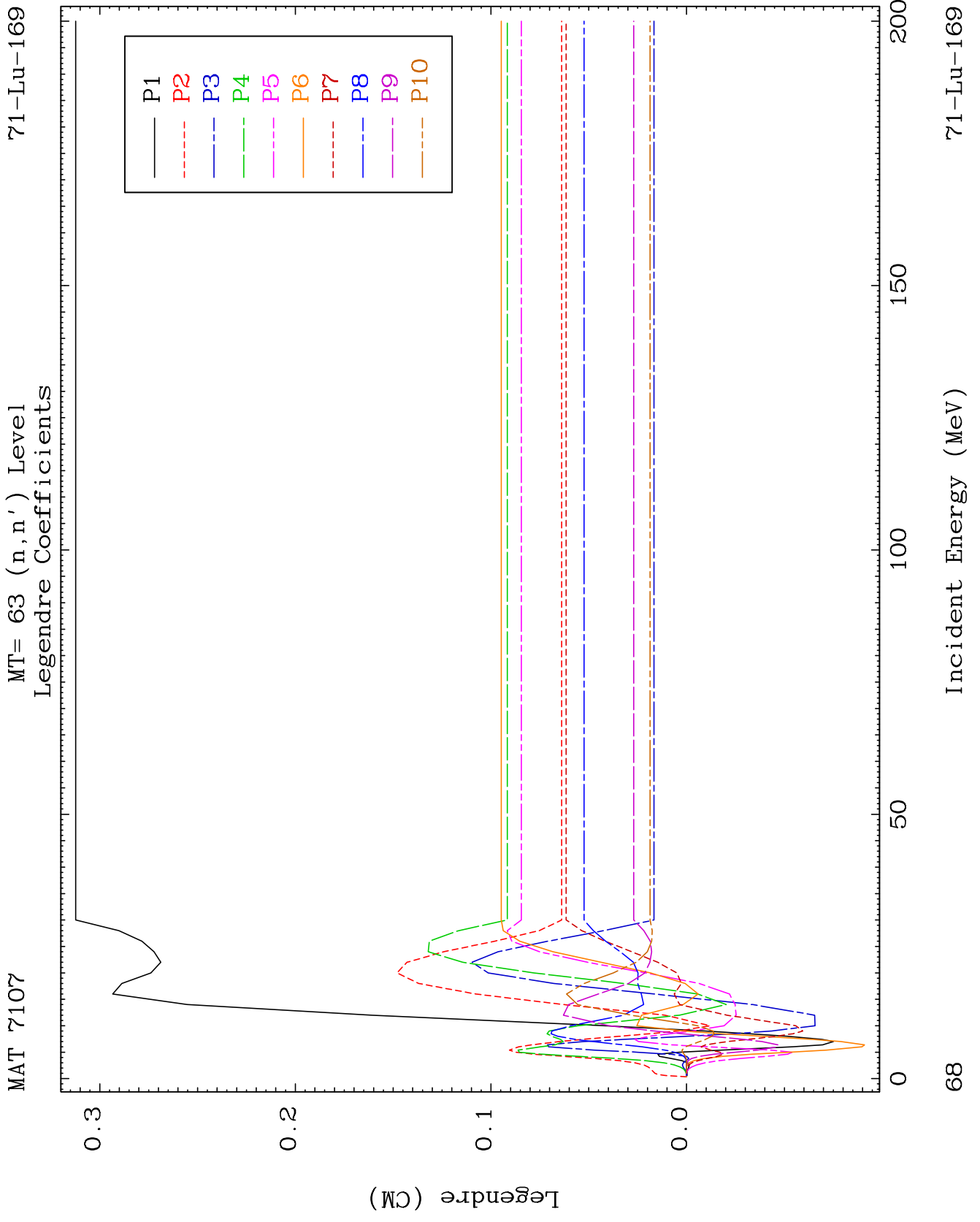
71-Lu-169



67

Incident Energy (MeV)

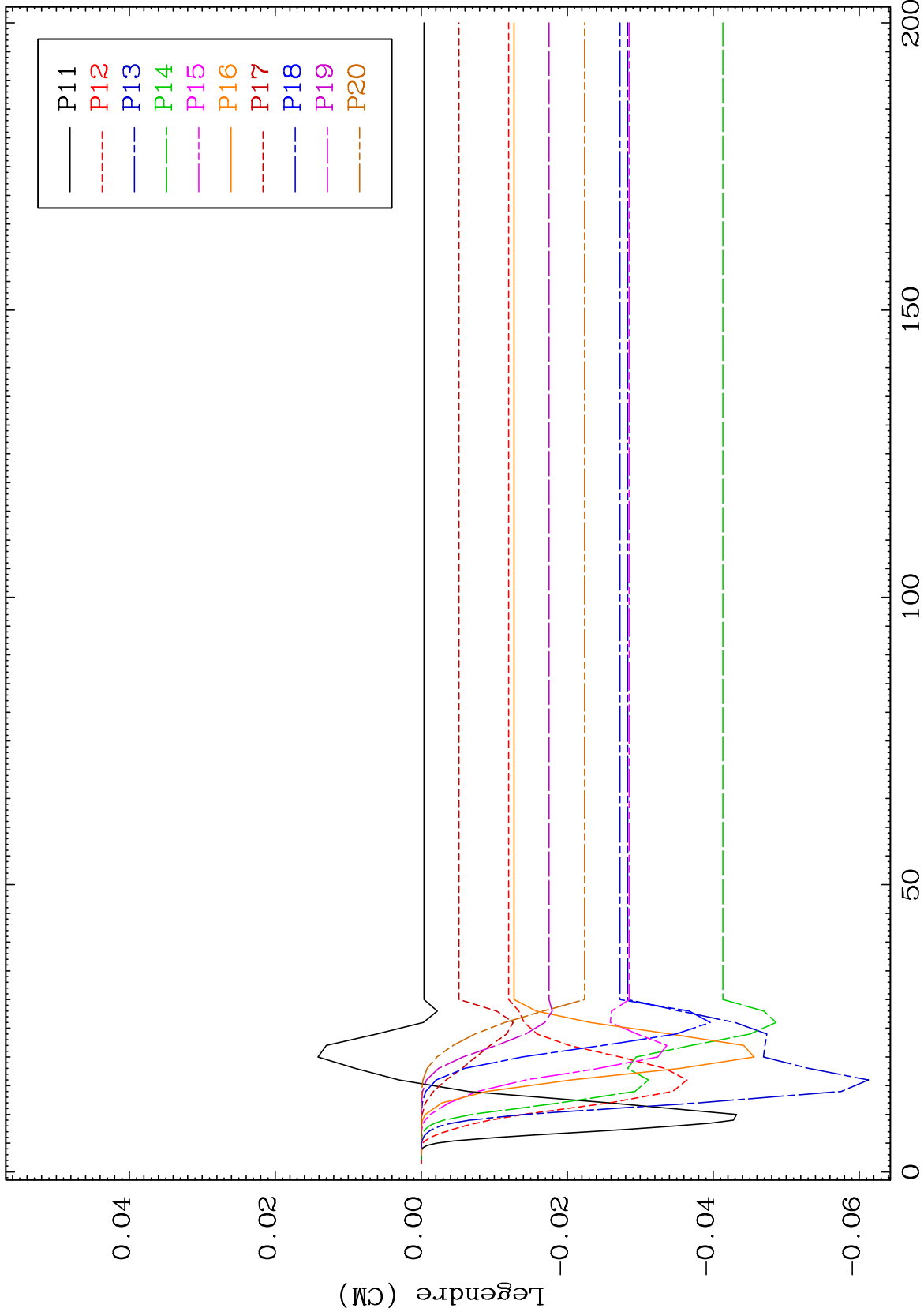
71-Lu-169



MAT 7107

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

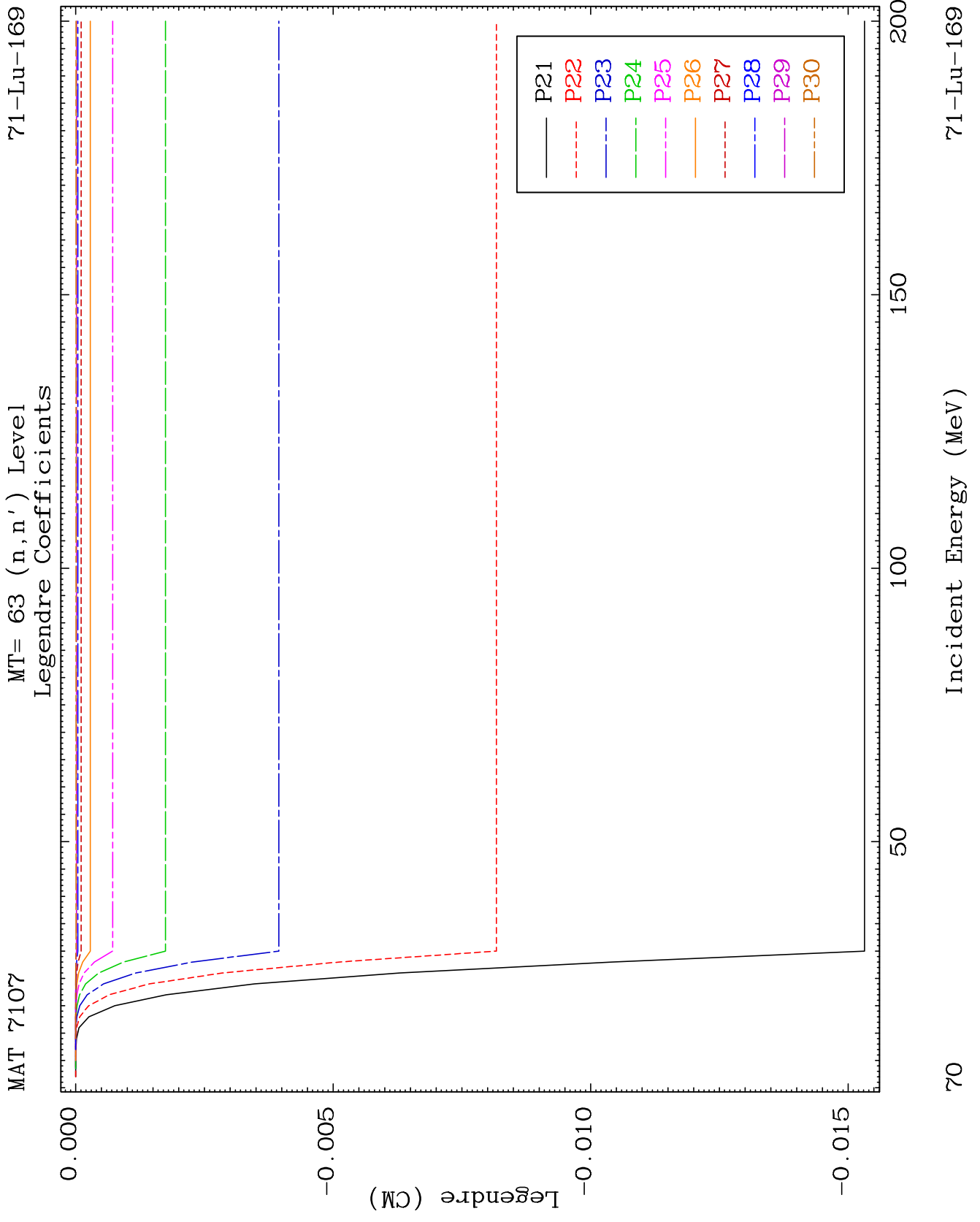
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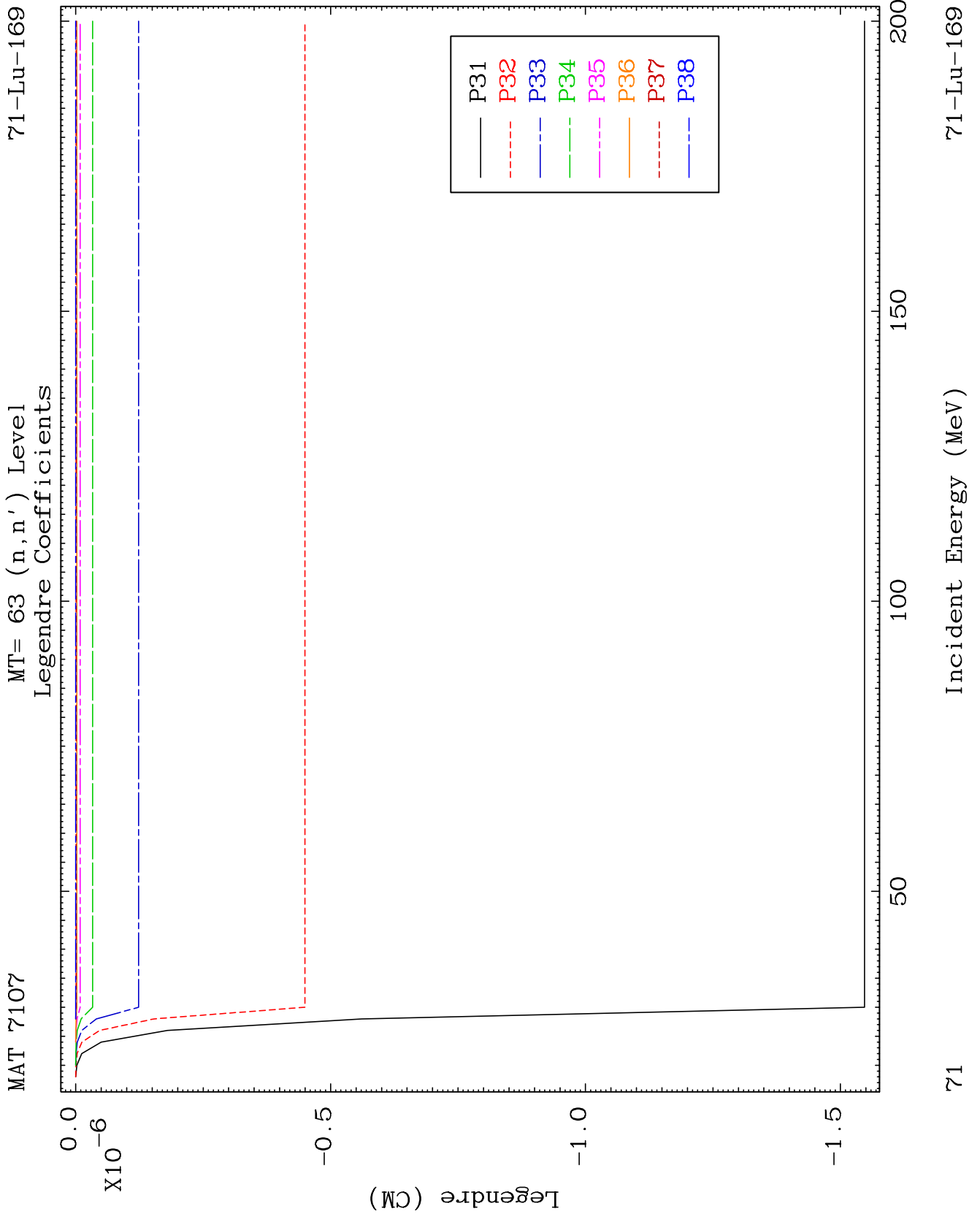


69

Incident Energy (MeV)

71-Lu-169

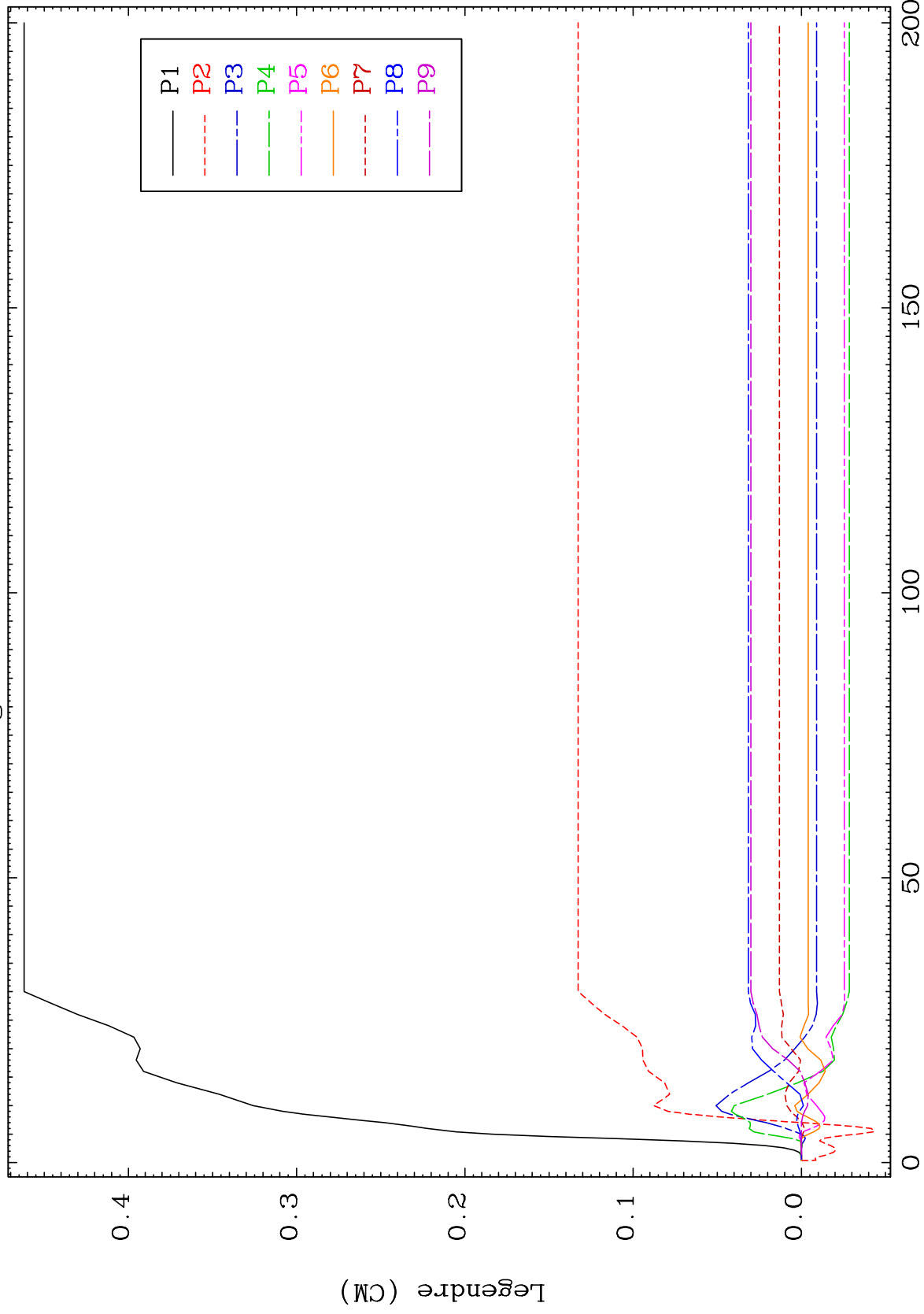




MAT 7107

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

71-Lu-169



72

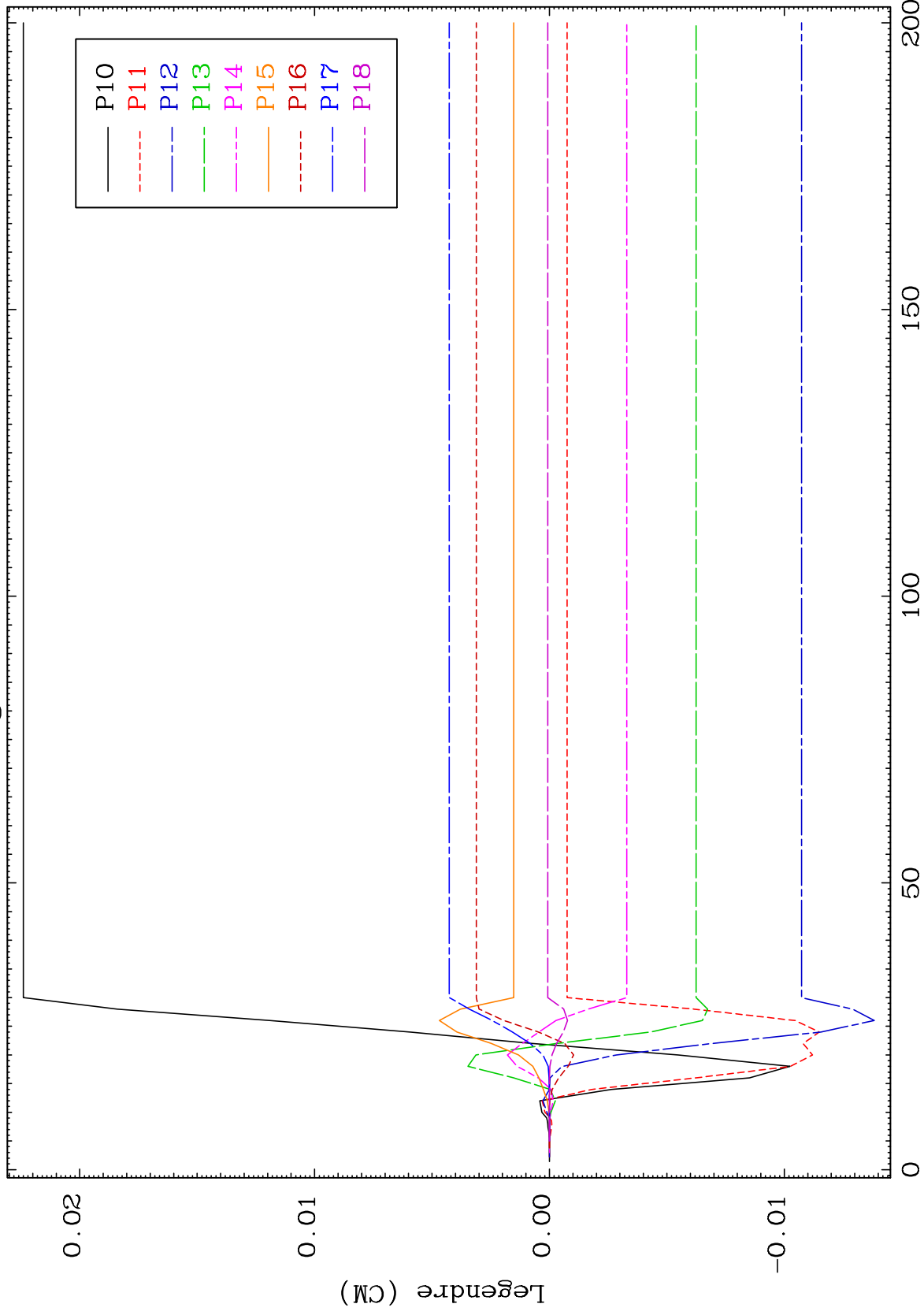
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



73

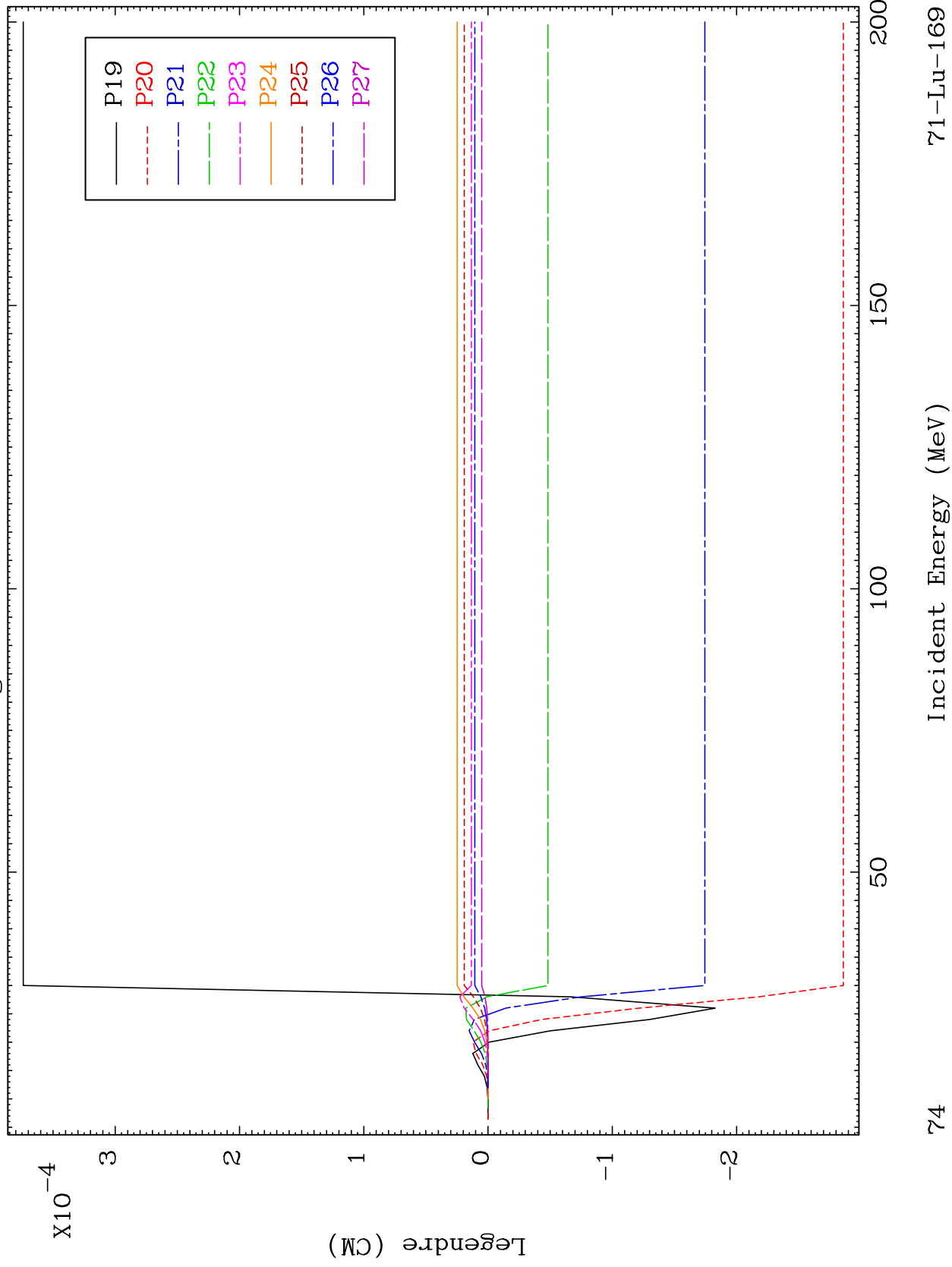
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

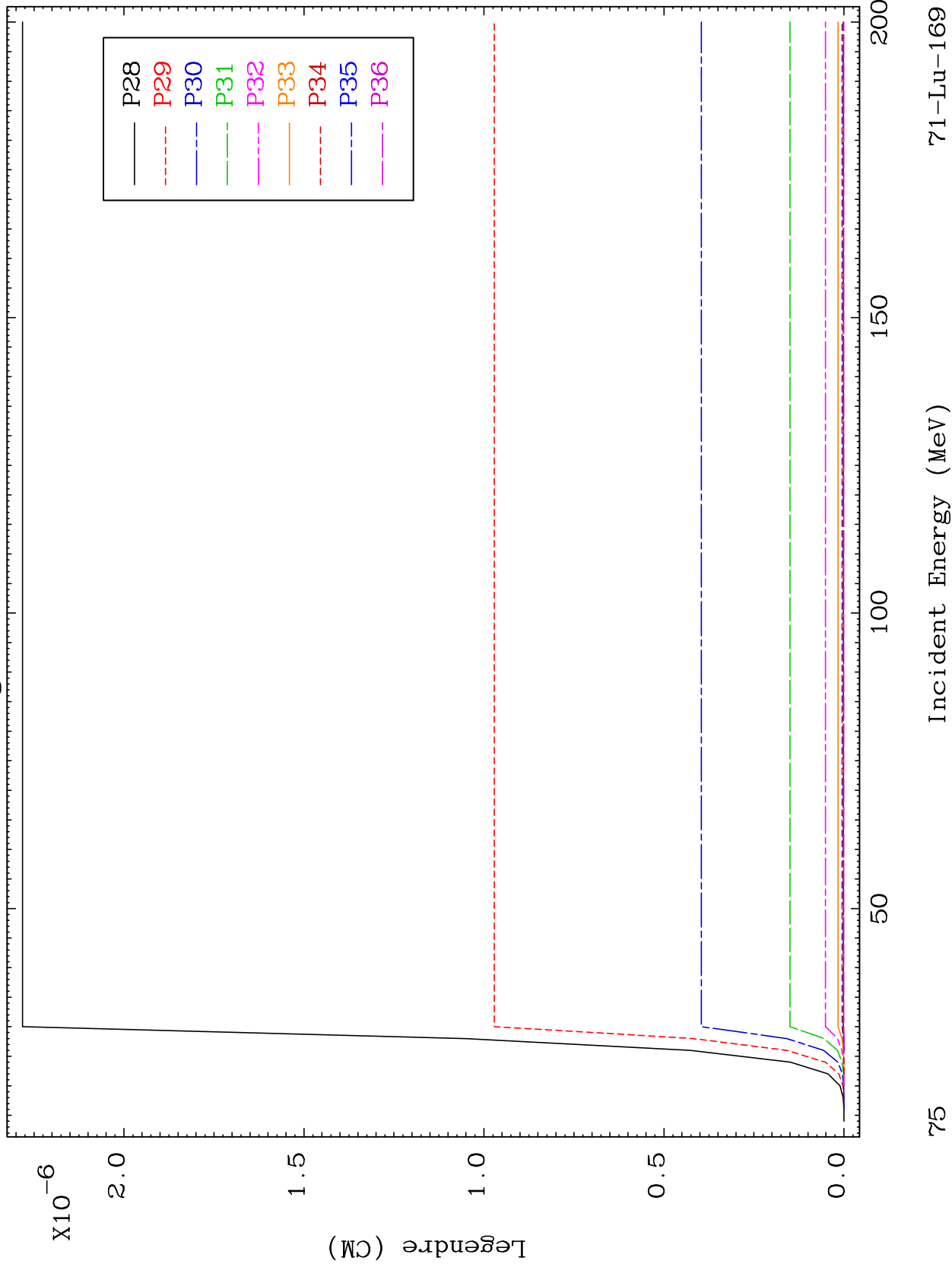
71-Lu-169

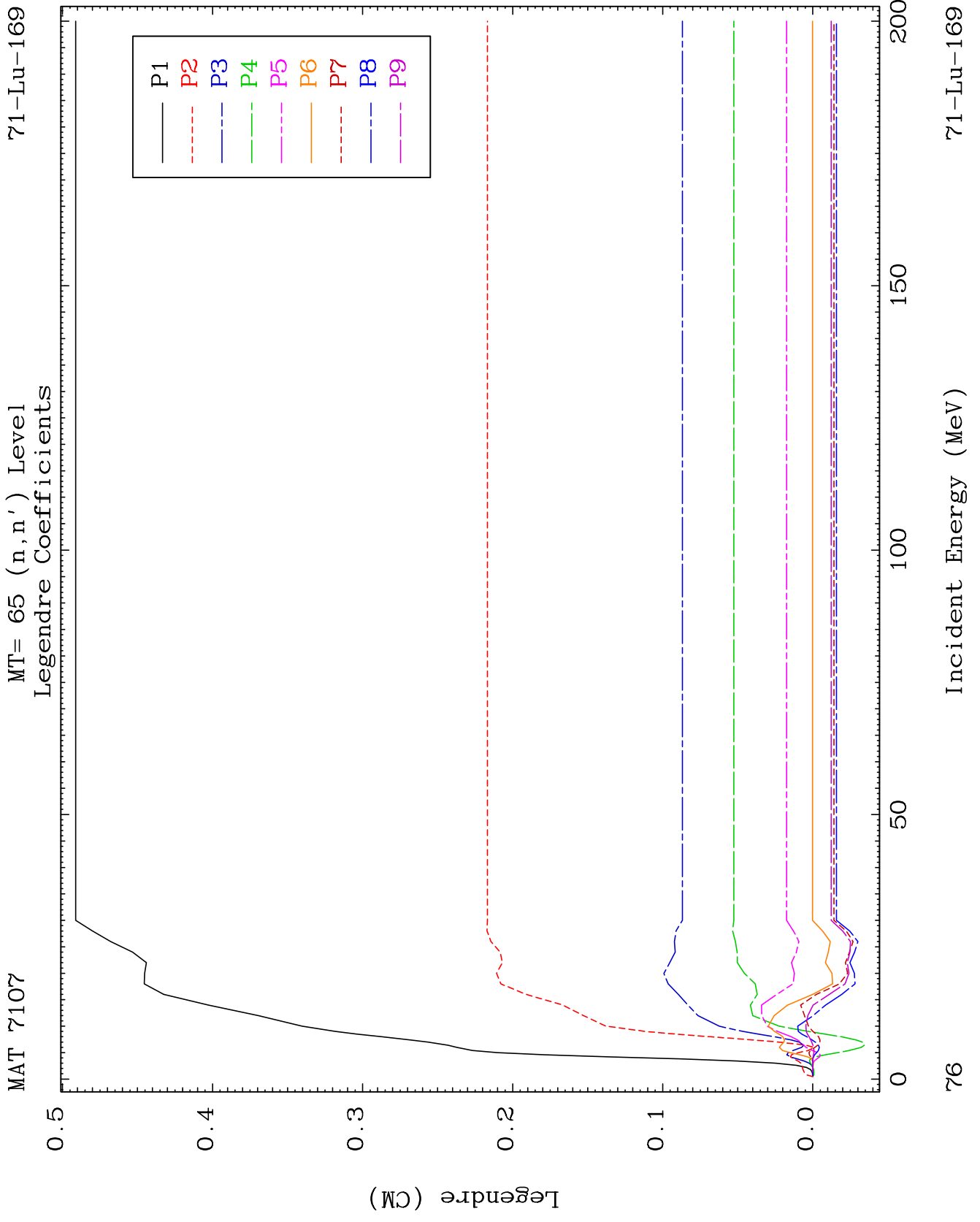


MAT 7107

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

71-Lu-169

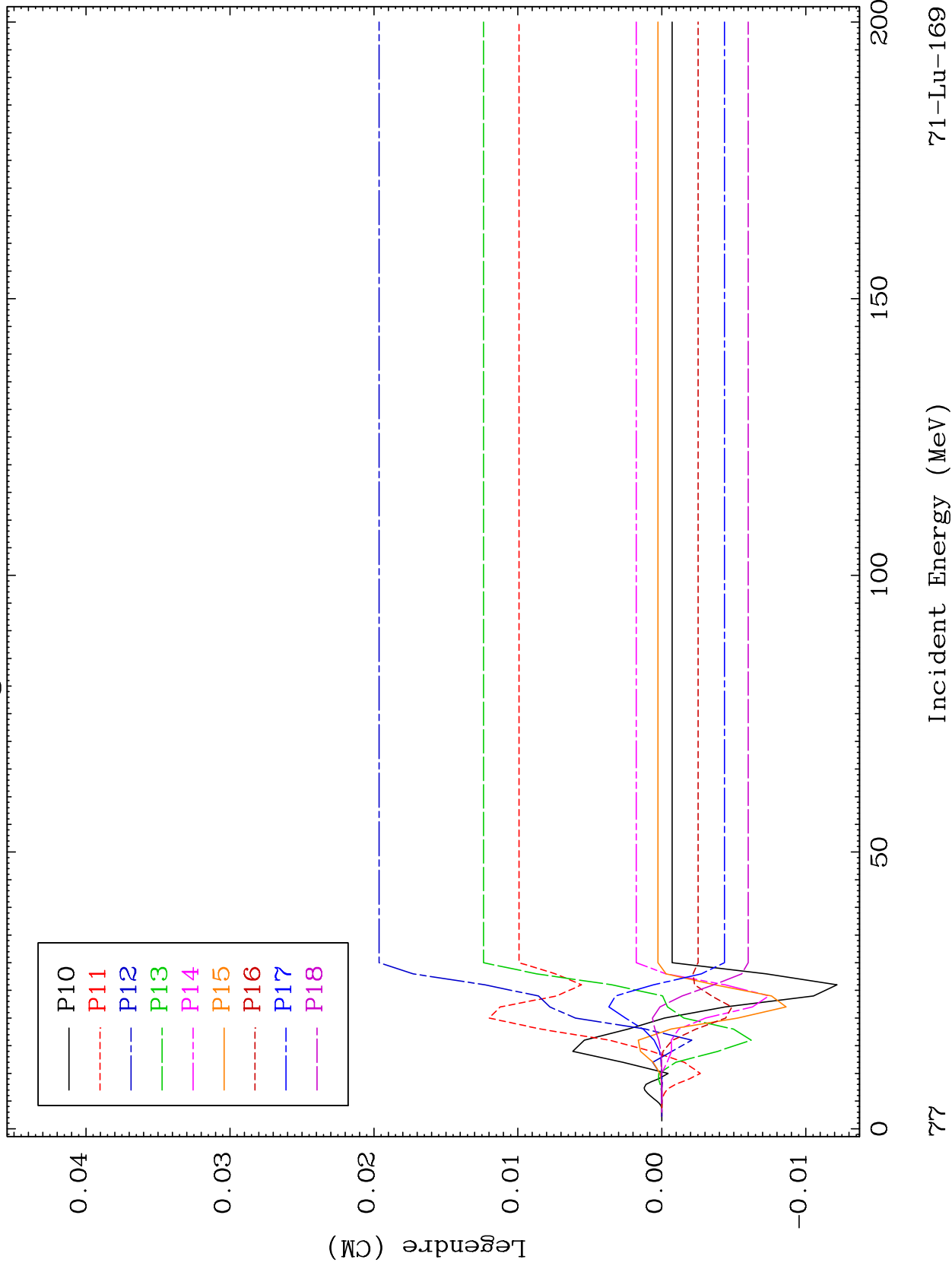




MAT 7107

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

71-Lu-169



71-Lu-169

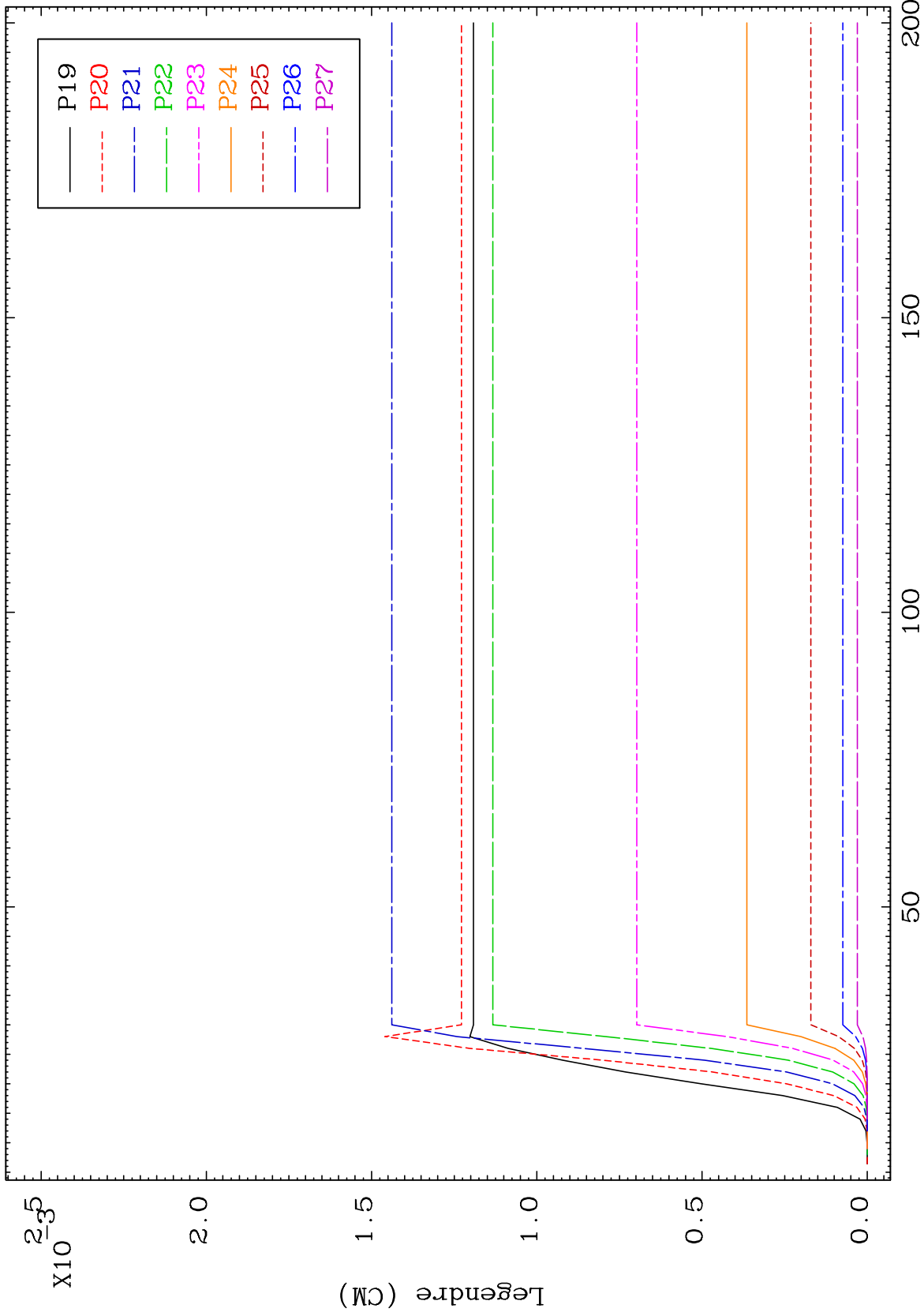
Incident Energy (MeV)

77

MAT 7107

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

71-Lu-169



78

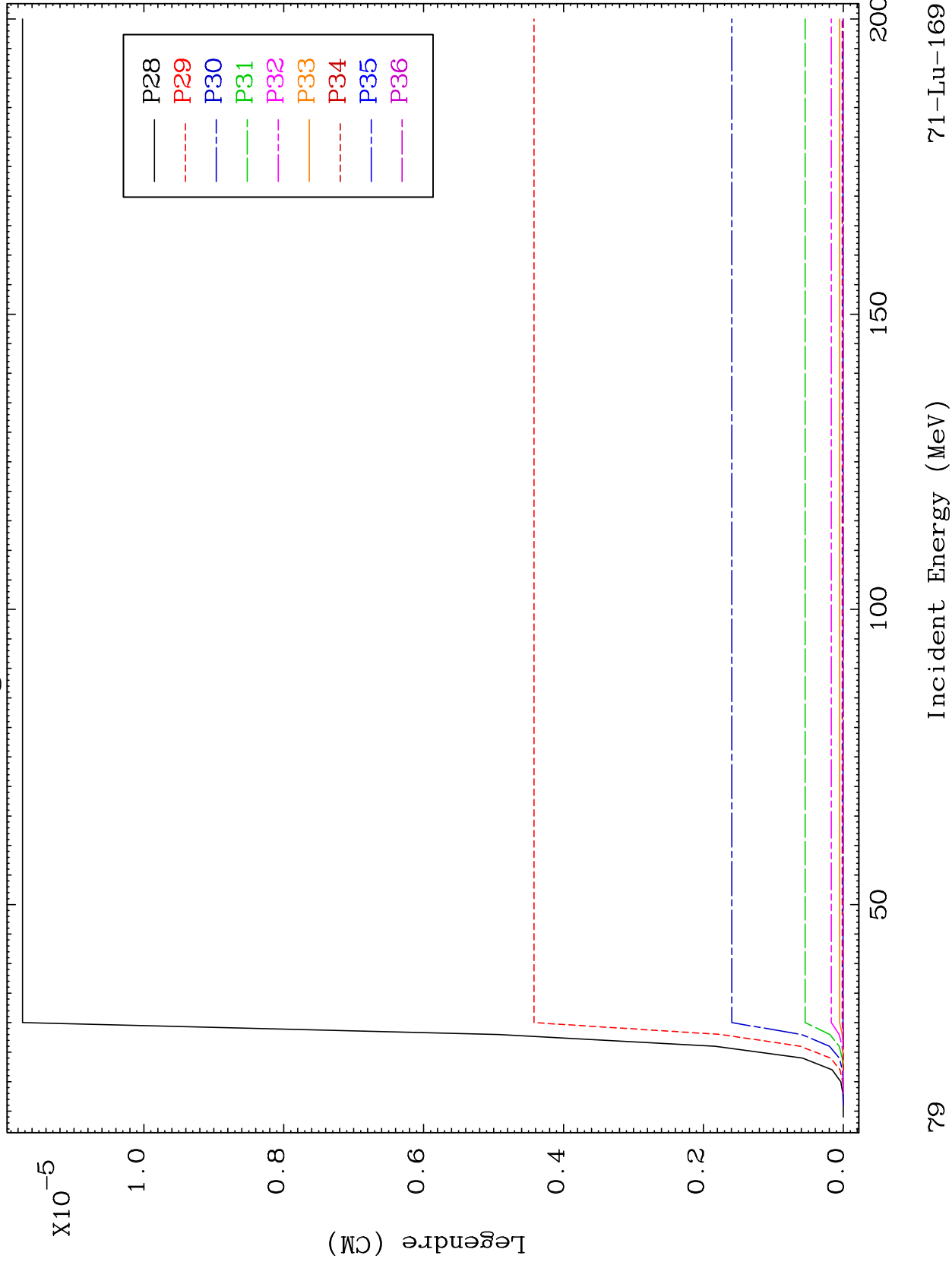
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

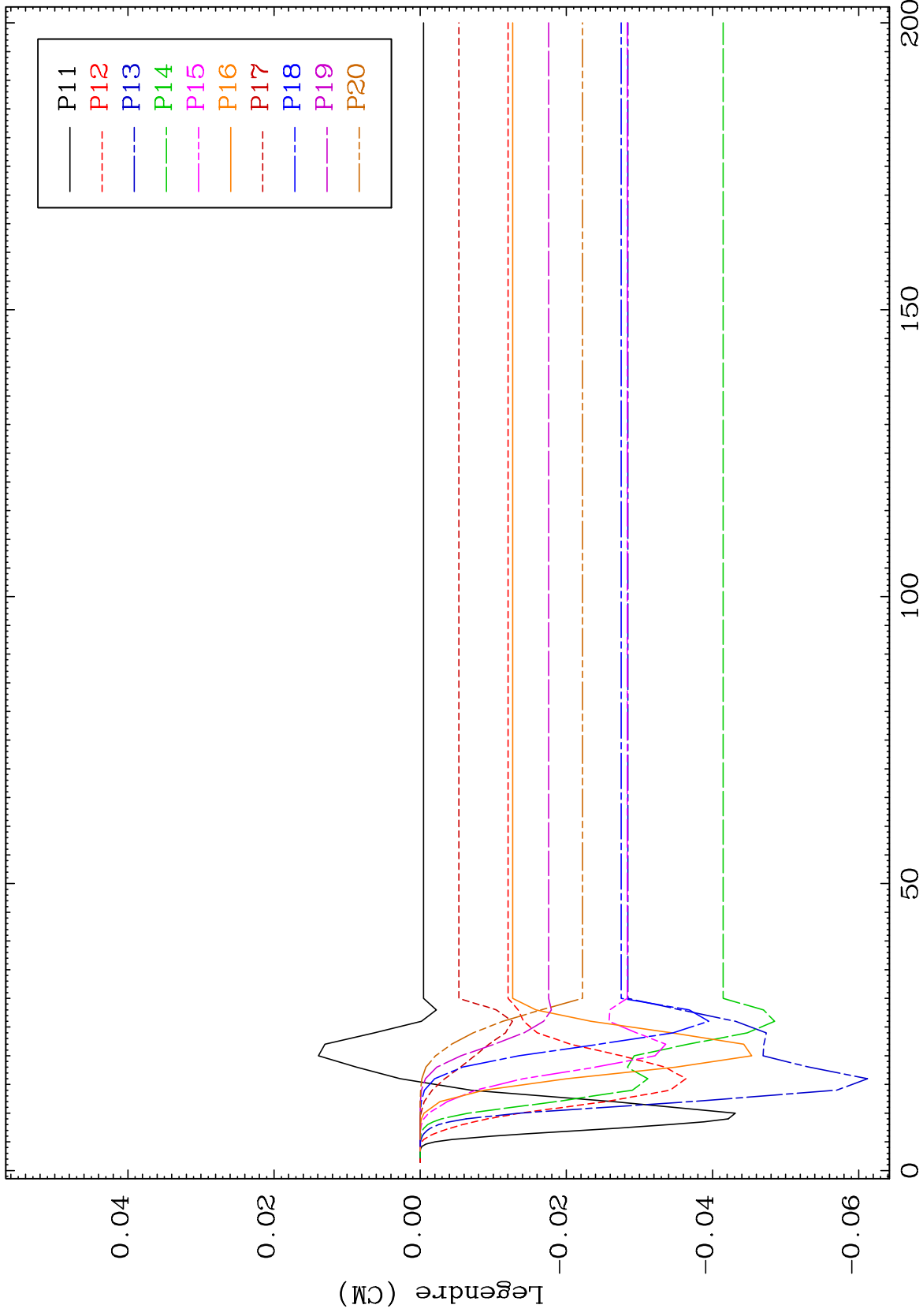
71-Lu-169



MAT 7107

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

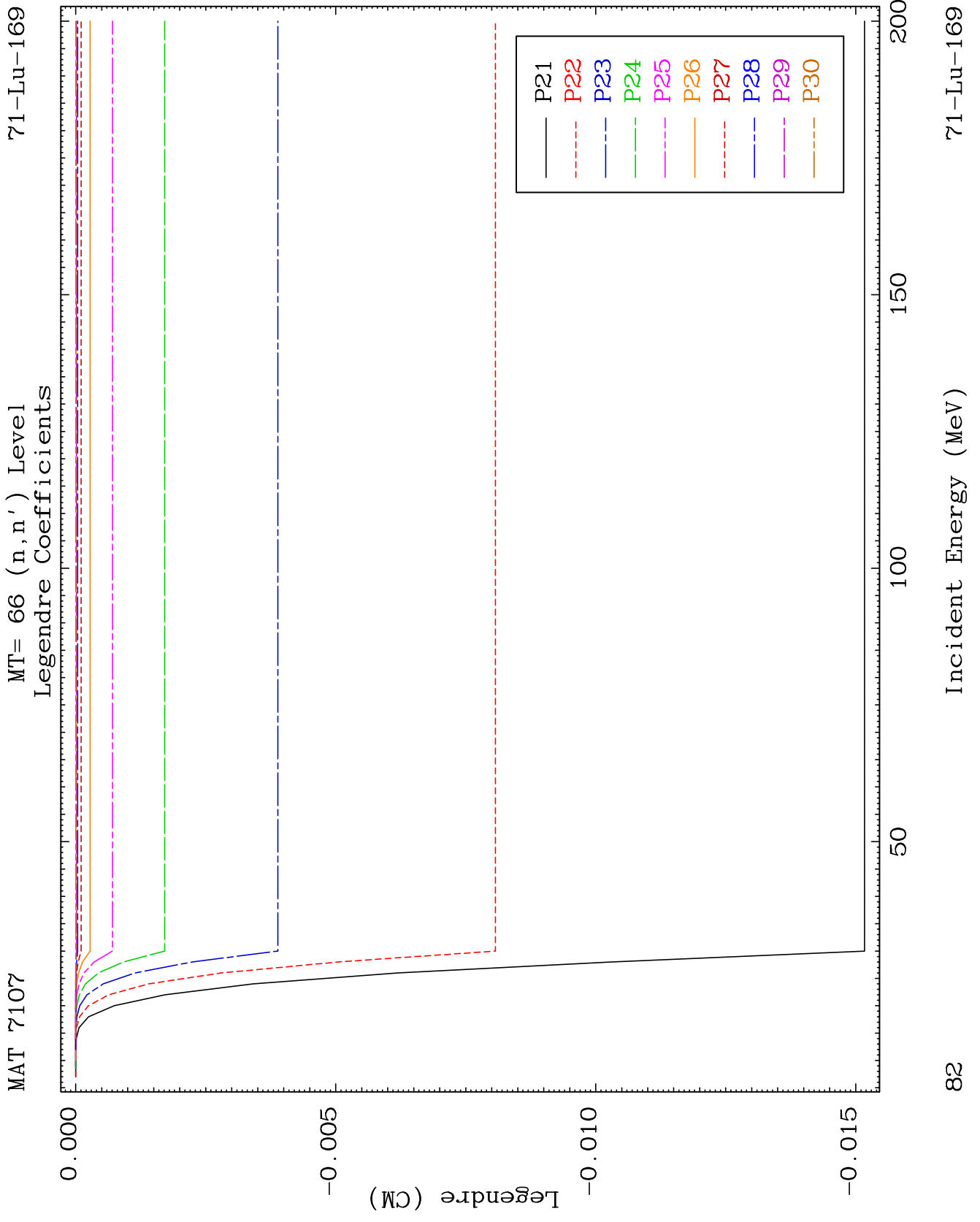
71-Lu-169

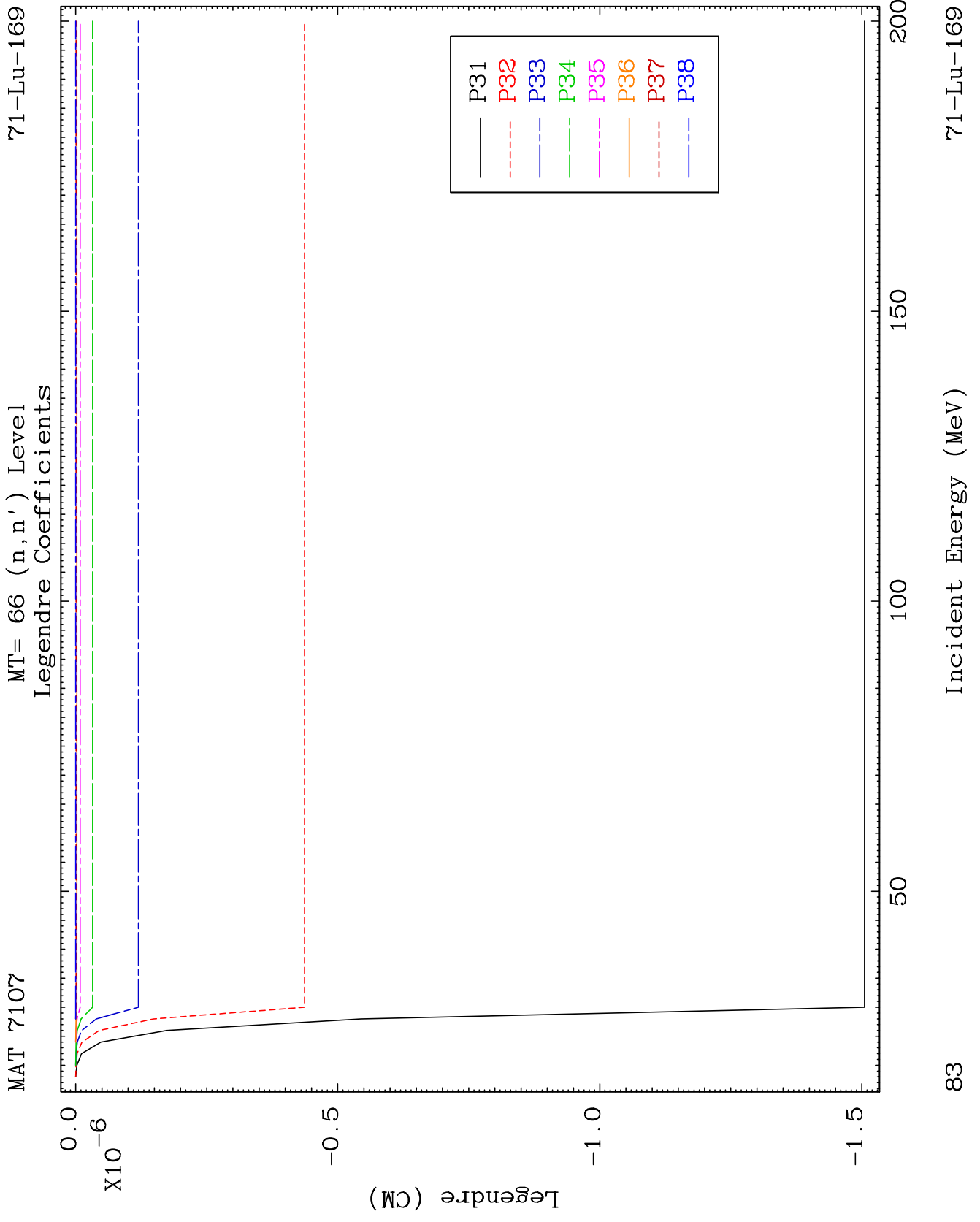


81

Incident Energy (MeV)

71-Lu-169

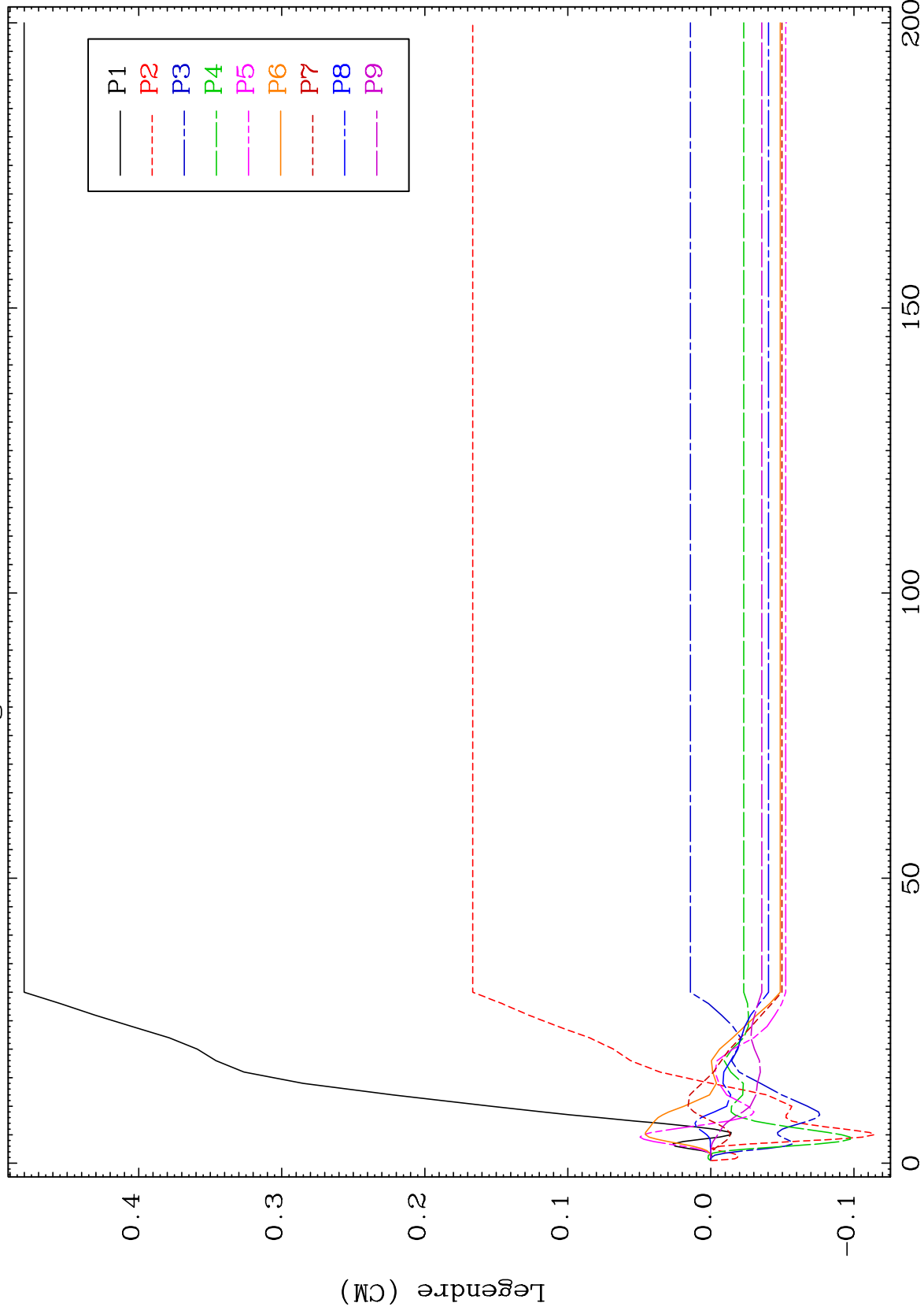




MAT 7107

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

71-Lu-169



84

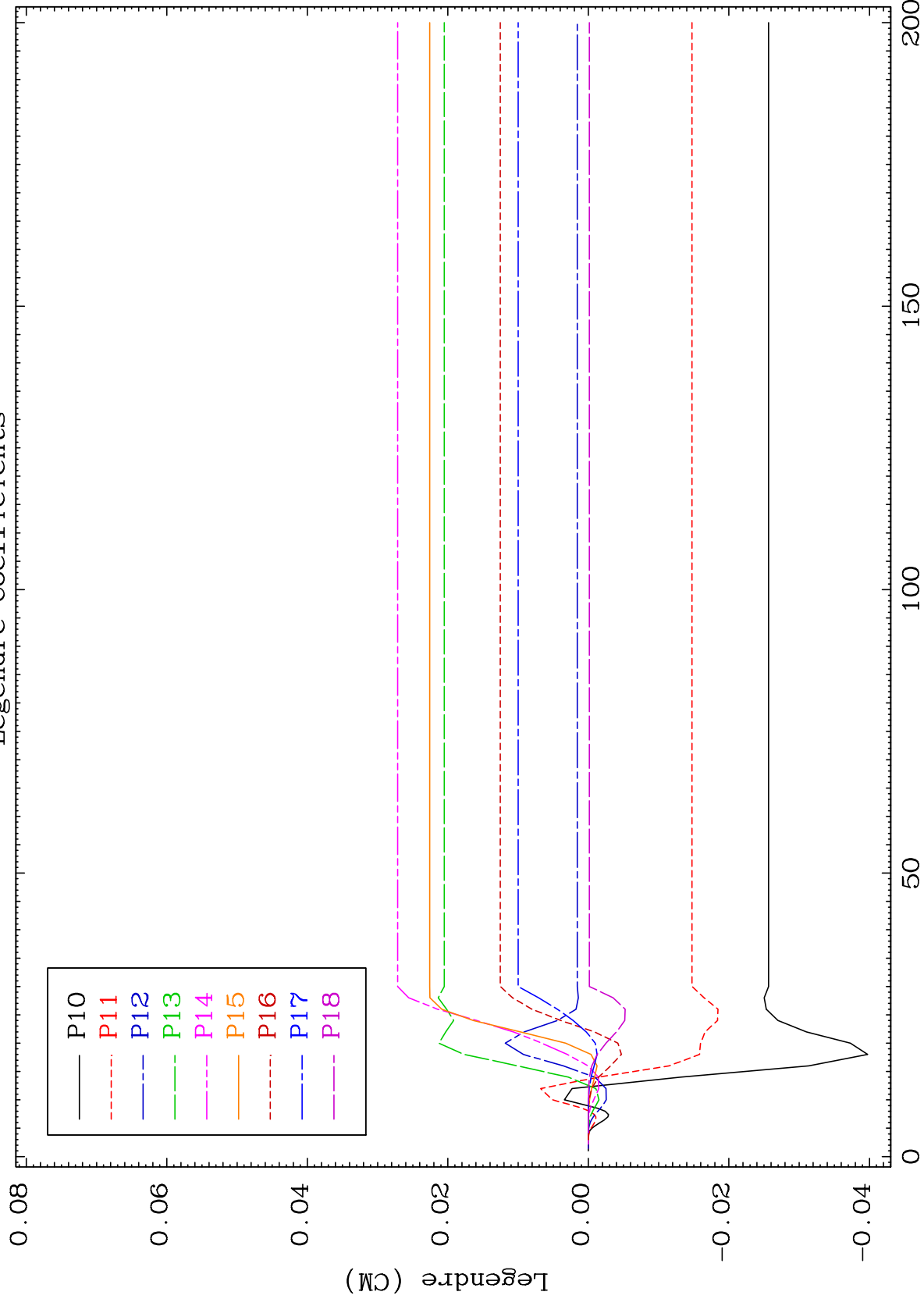
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

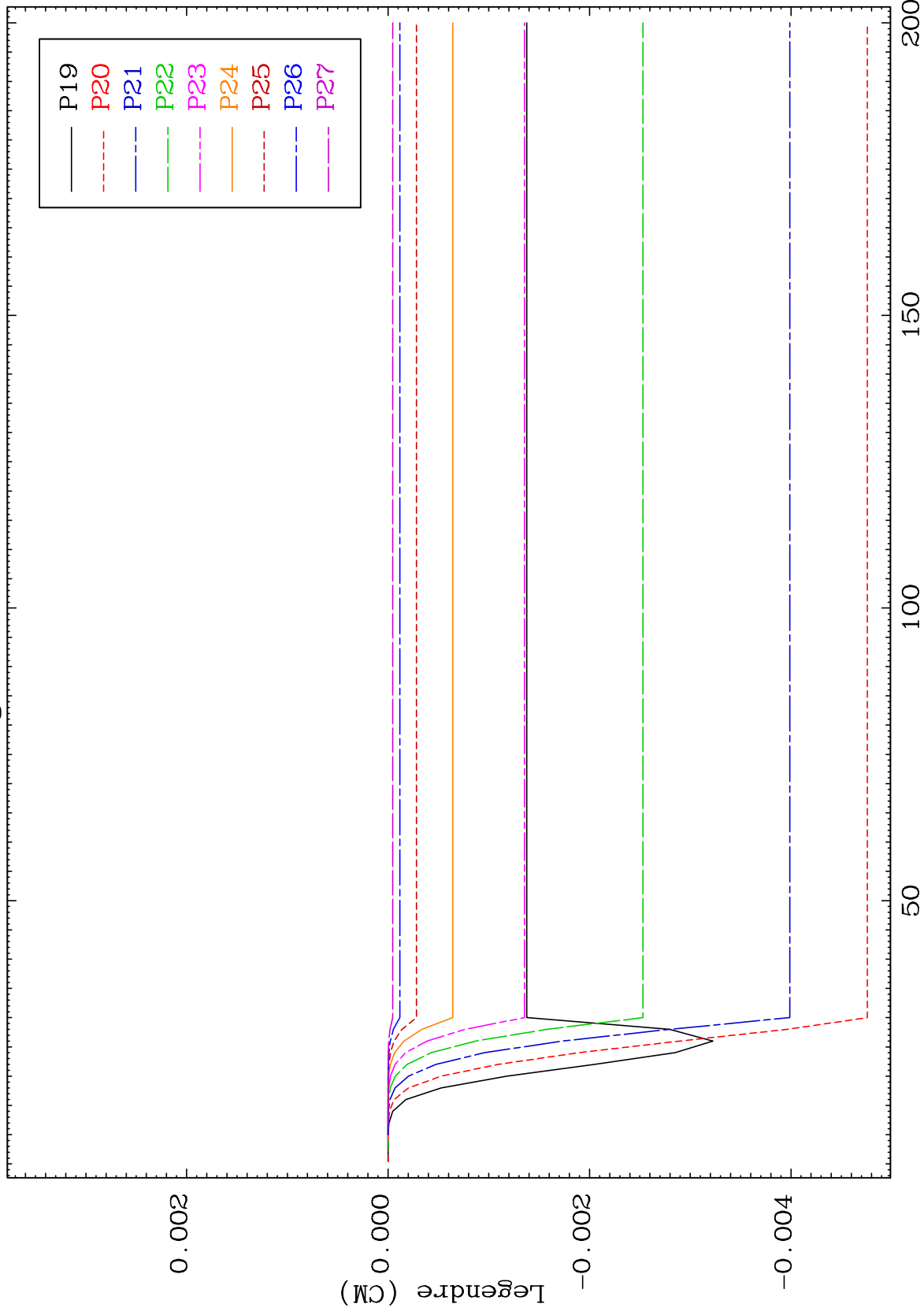
71-Lu-169

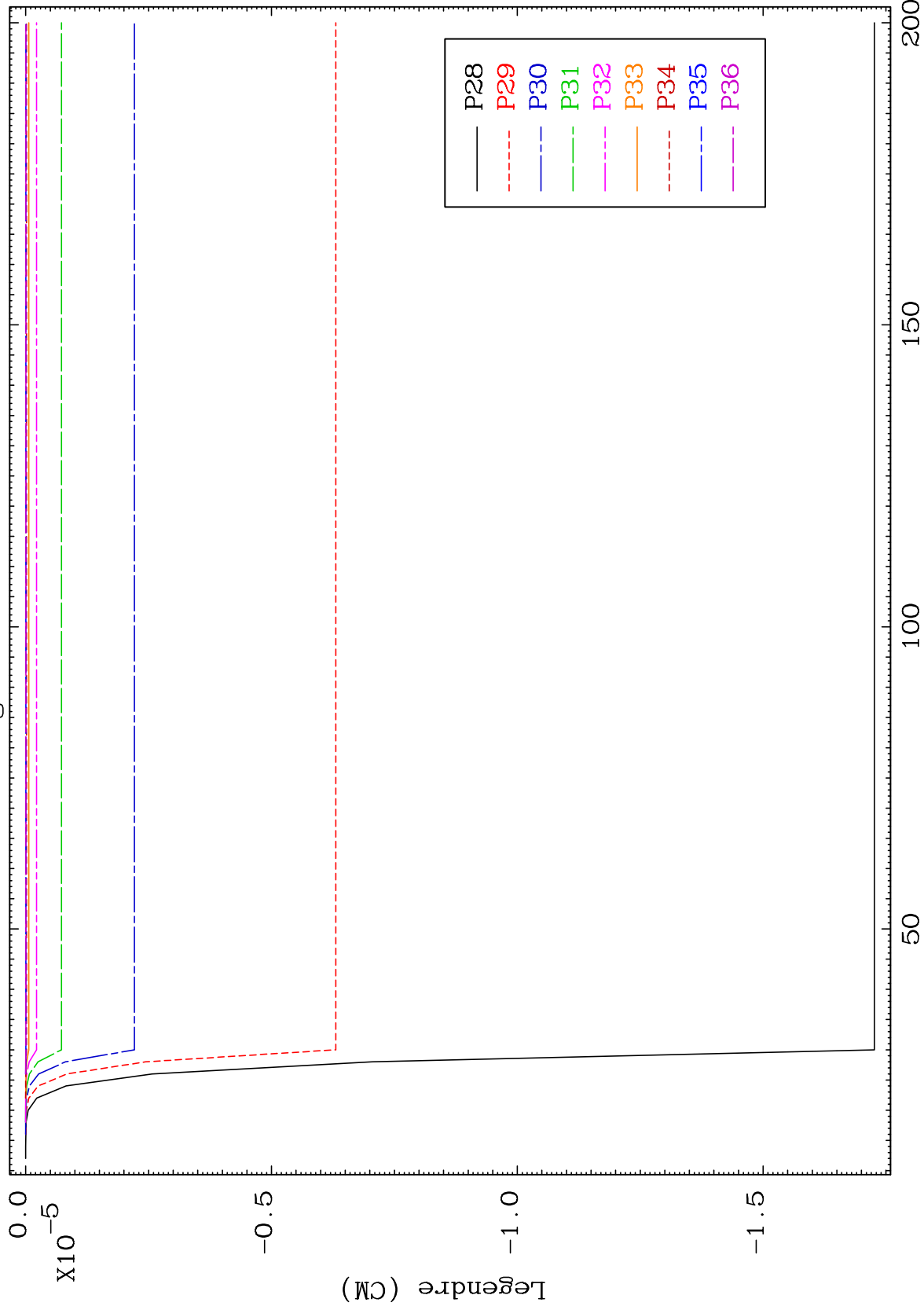


85

Incident Energy (MeV)

71-Lu-169

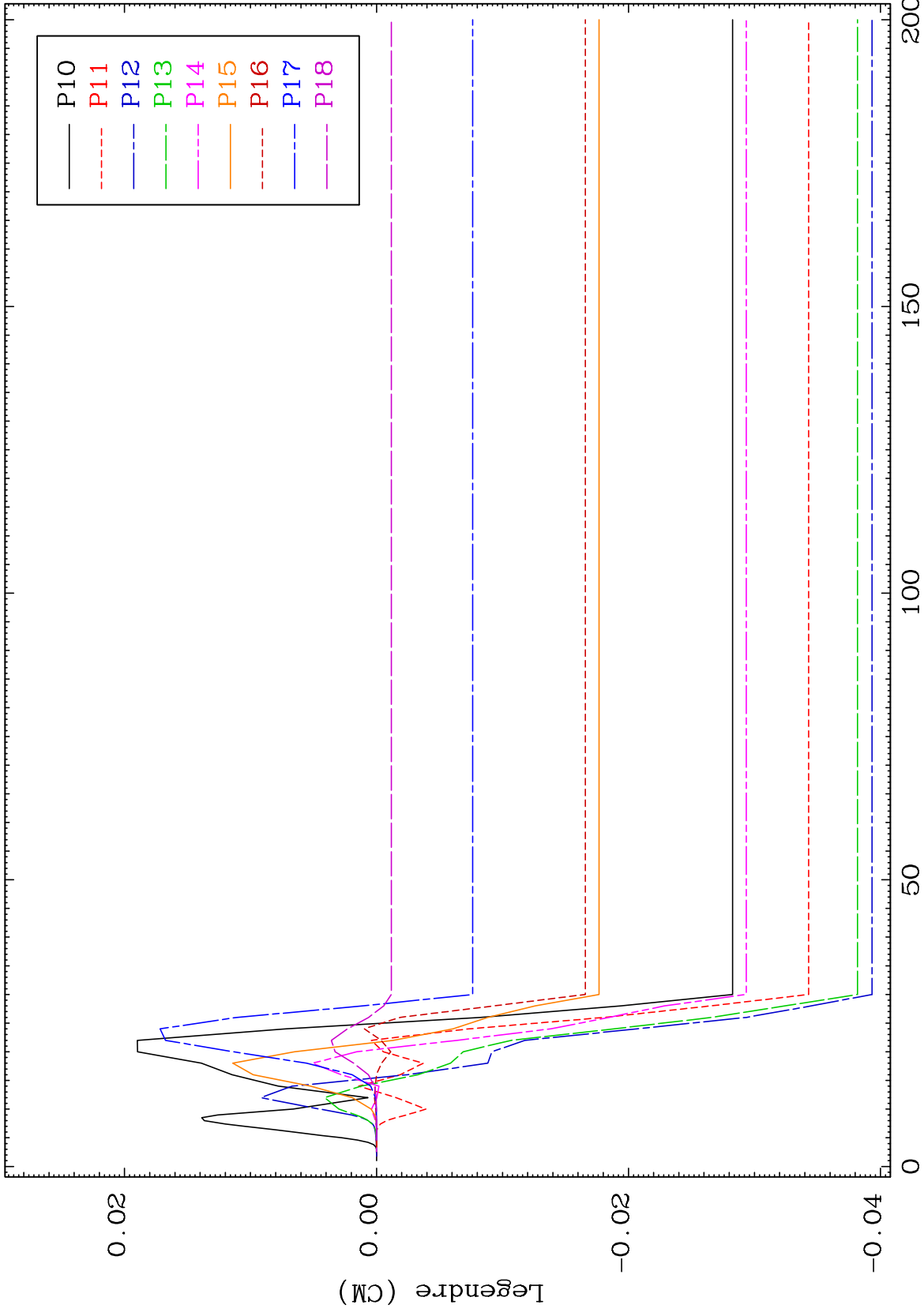




MAT 7107

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

71-Lu-169



89

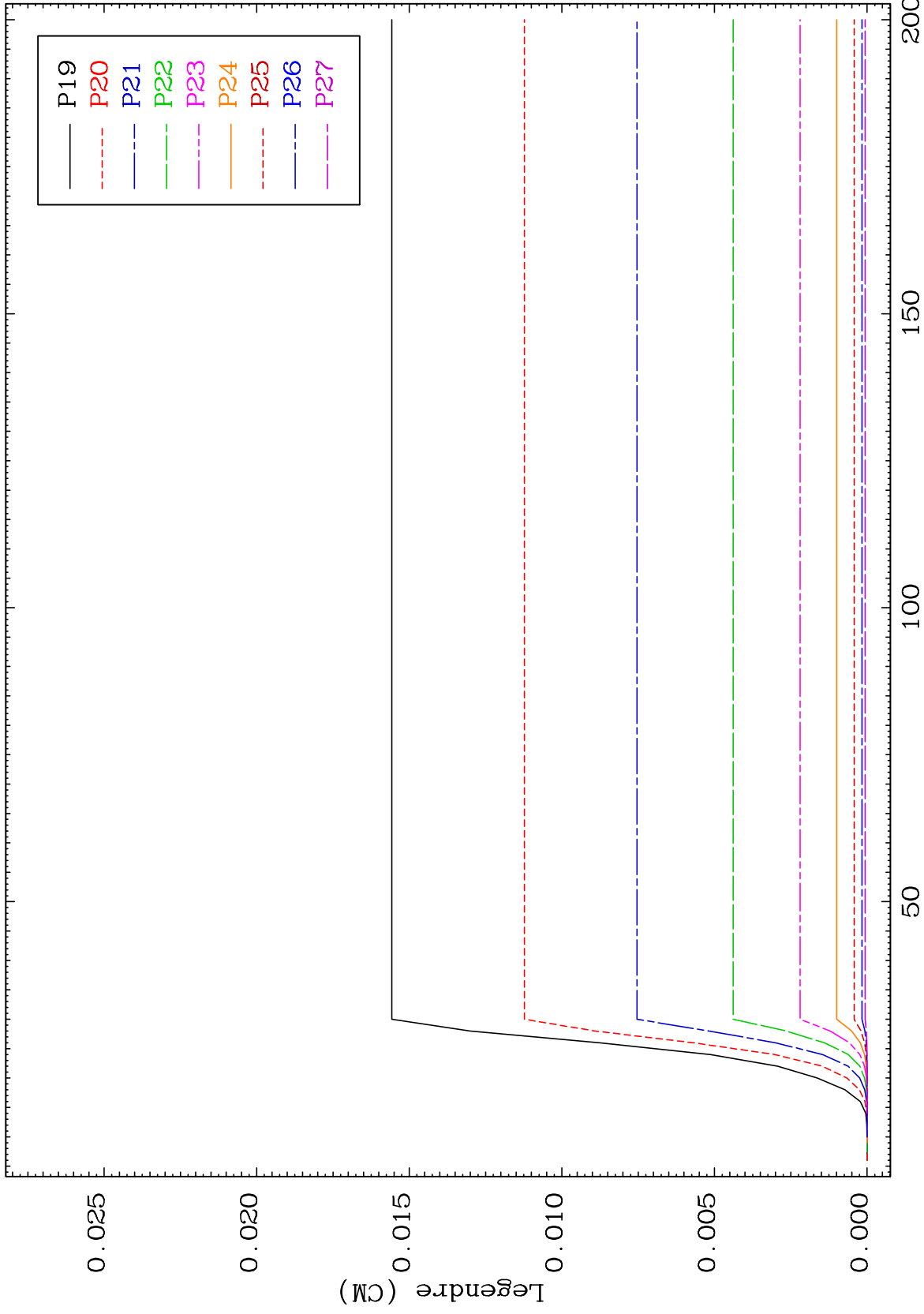
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



90

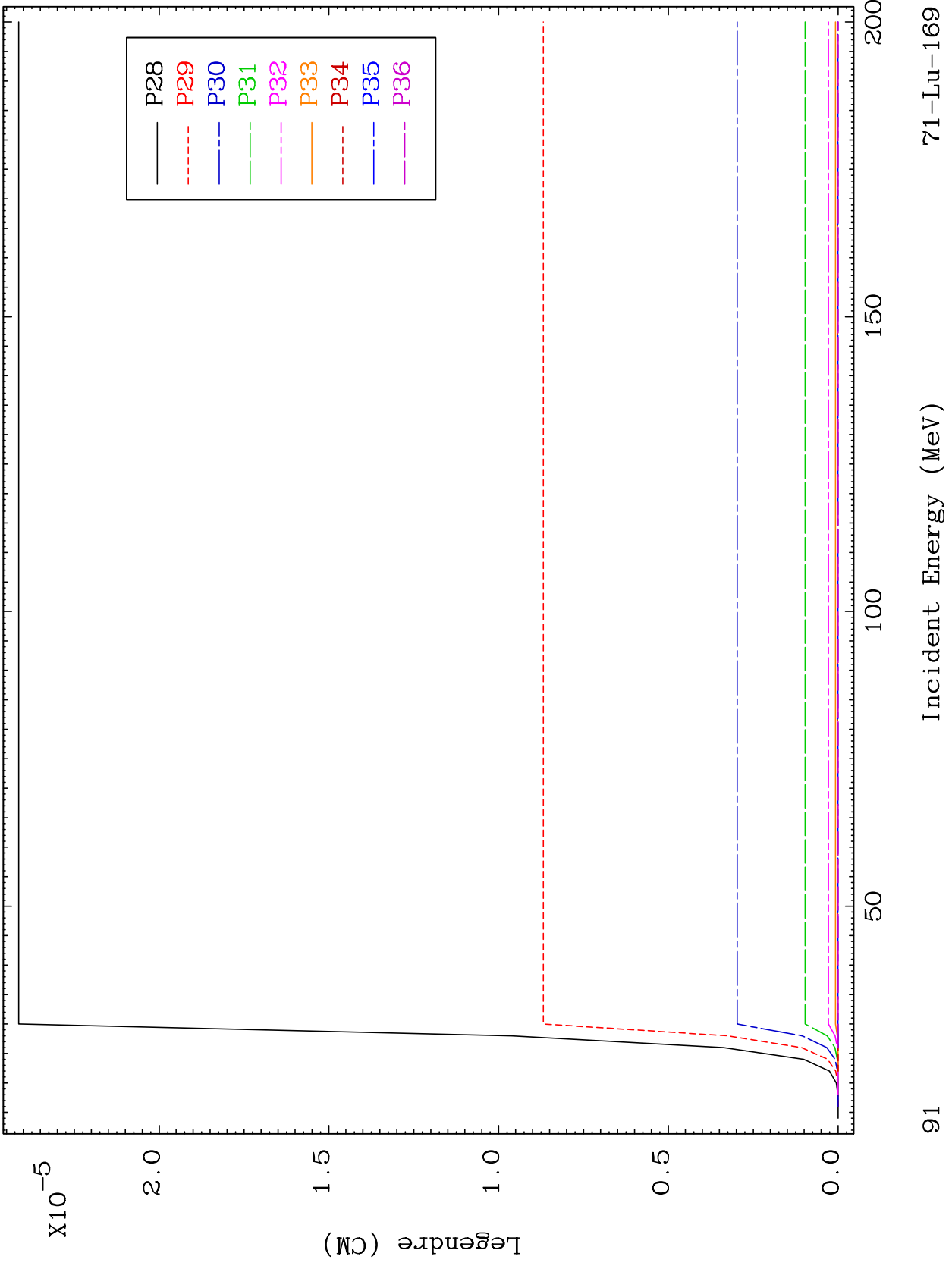
Incident Energy (MeV)

71-Lu-169

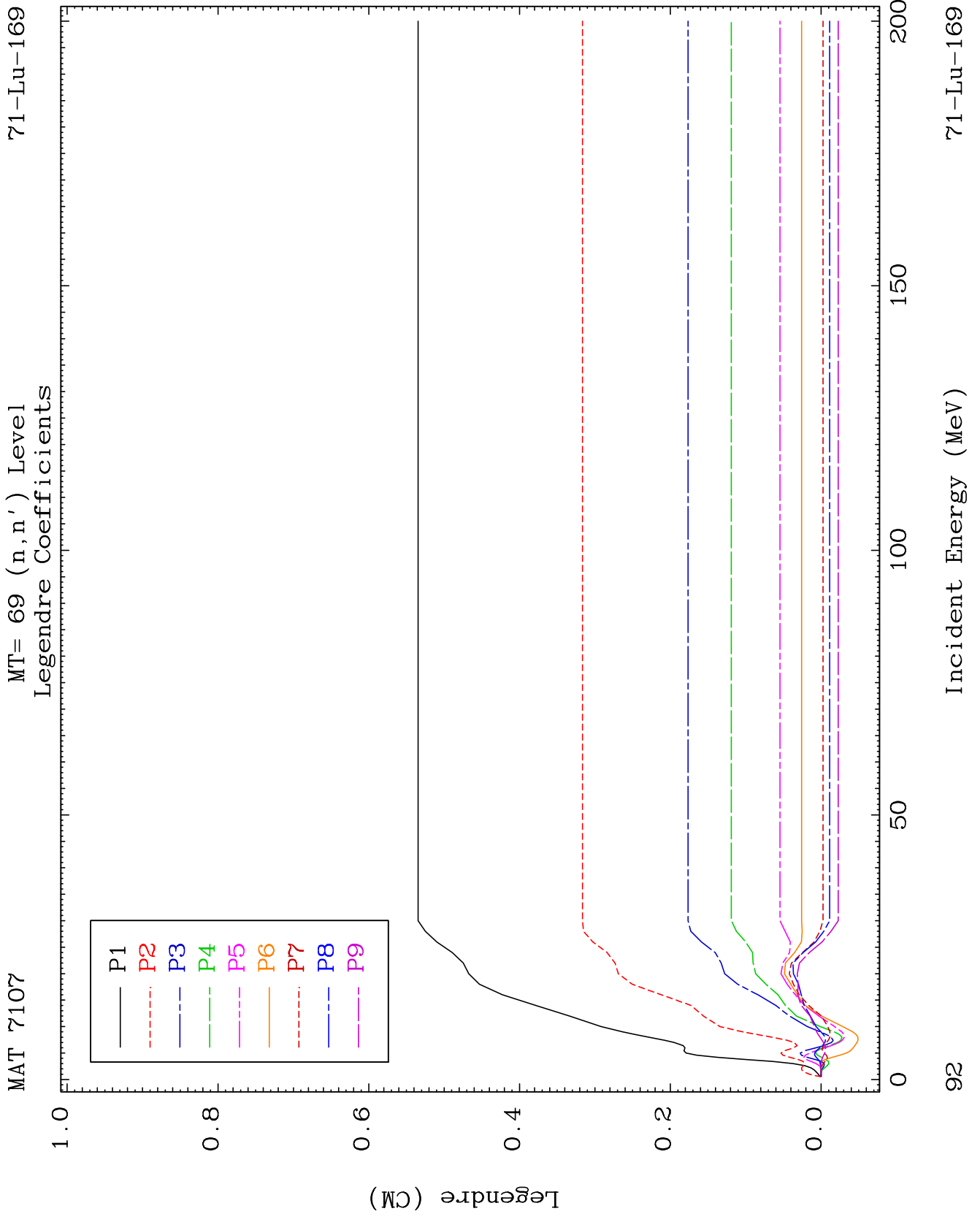
MAT 7107

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

71-Lu-169



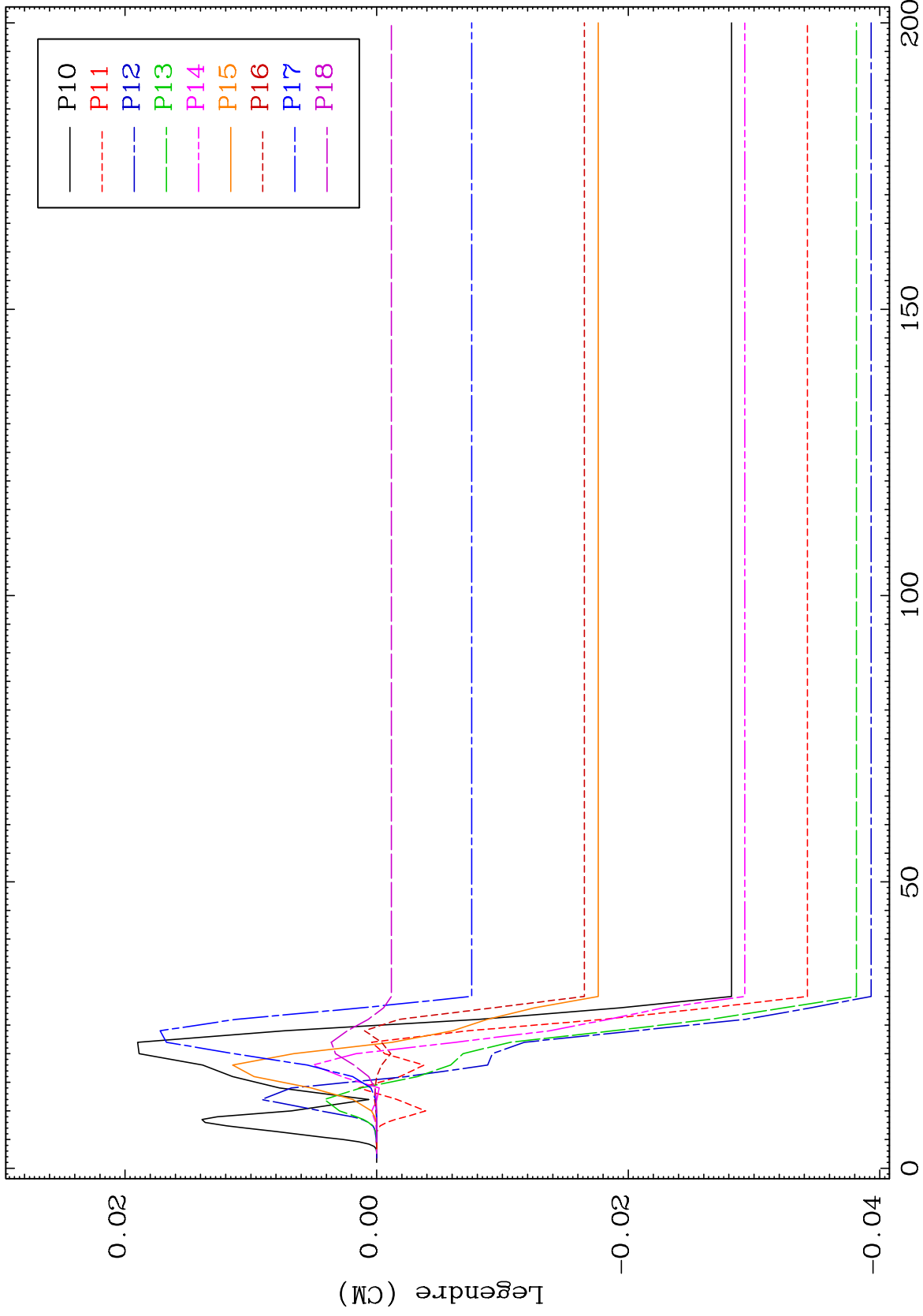
91



MAT 7107

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

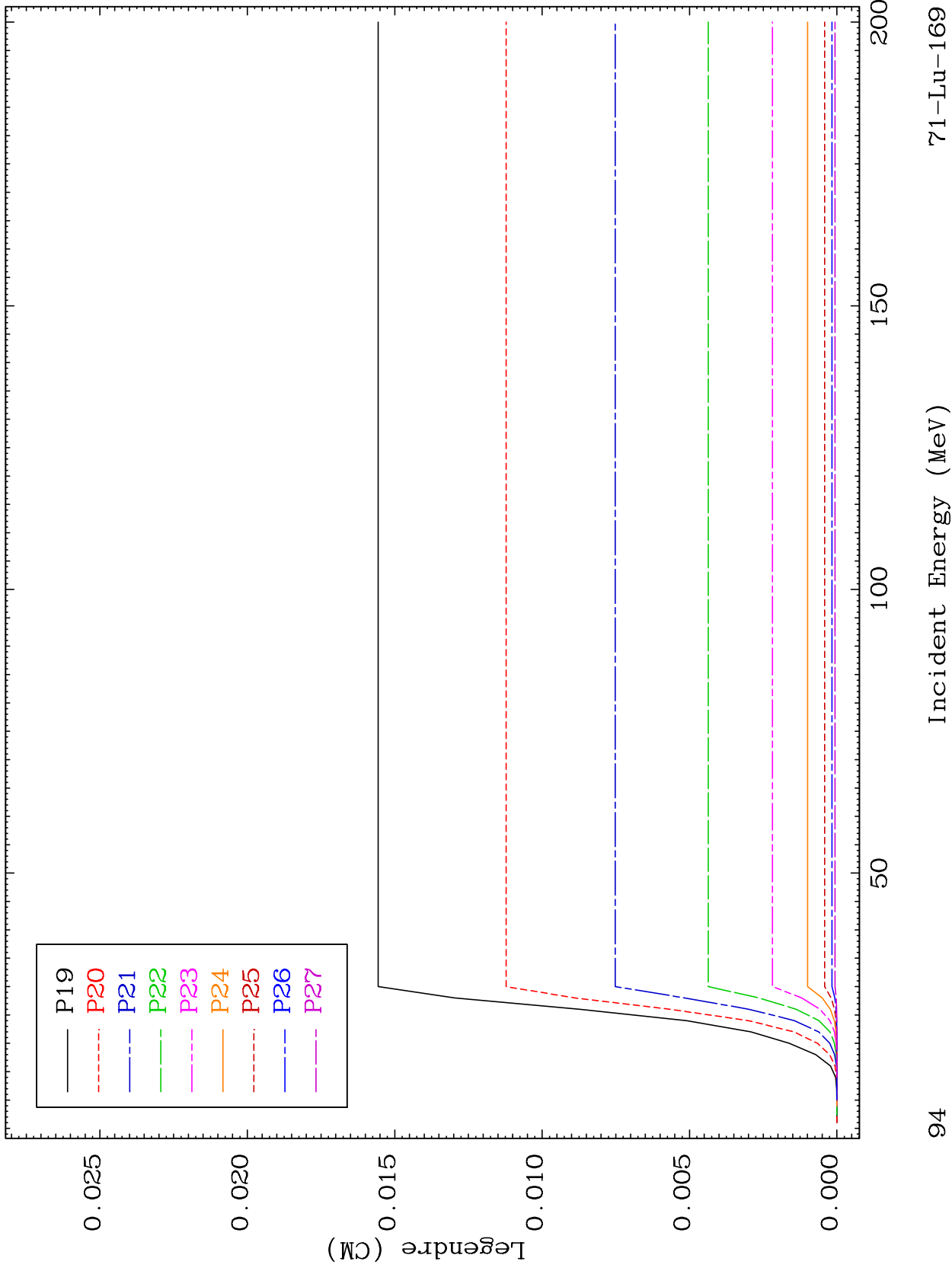
71-Lu-169



93

Incident Energy (MeV)

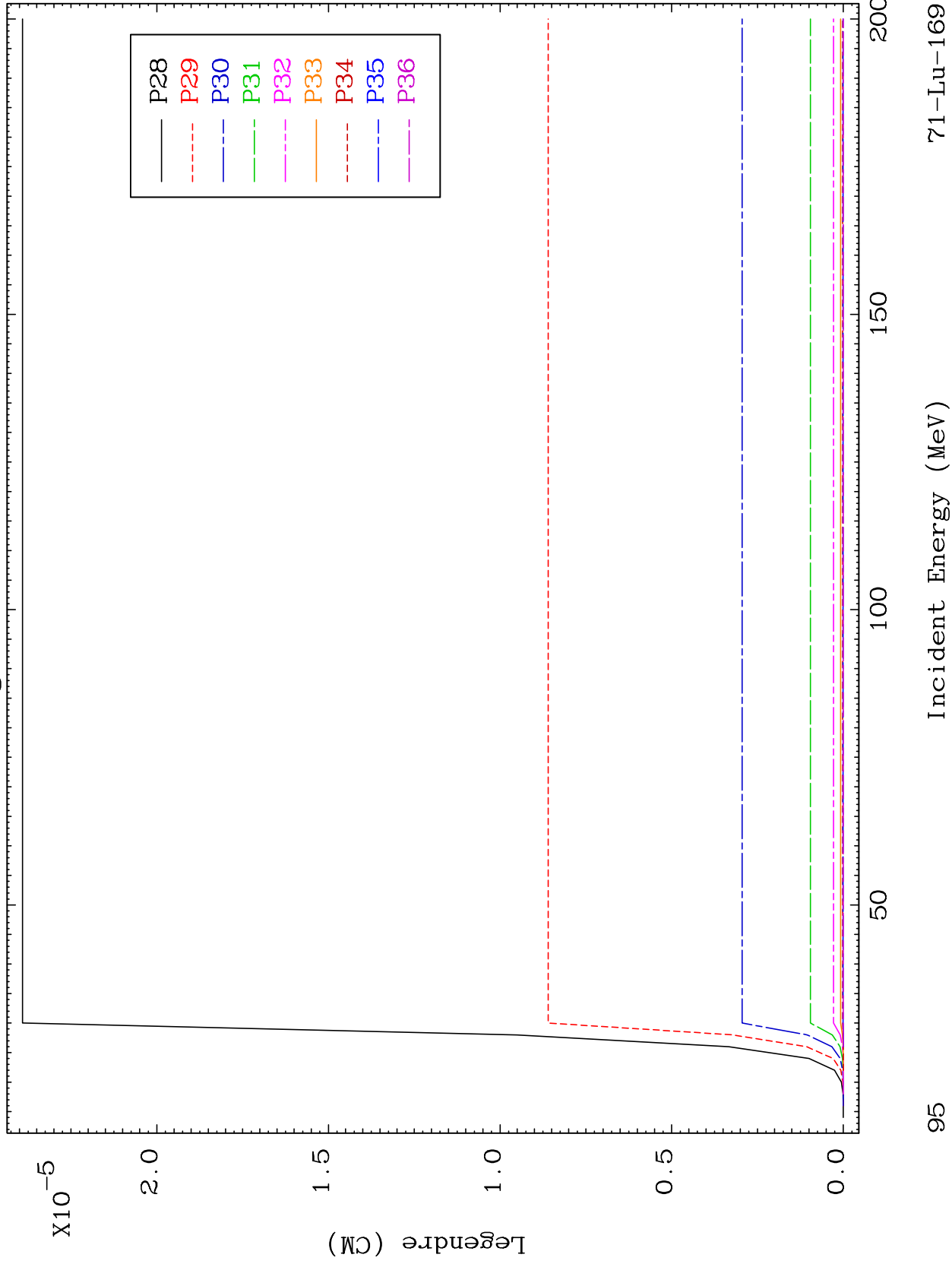
71-Lu-169



MAT 7107

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

71-Lu-169



95

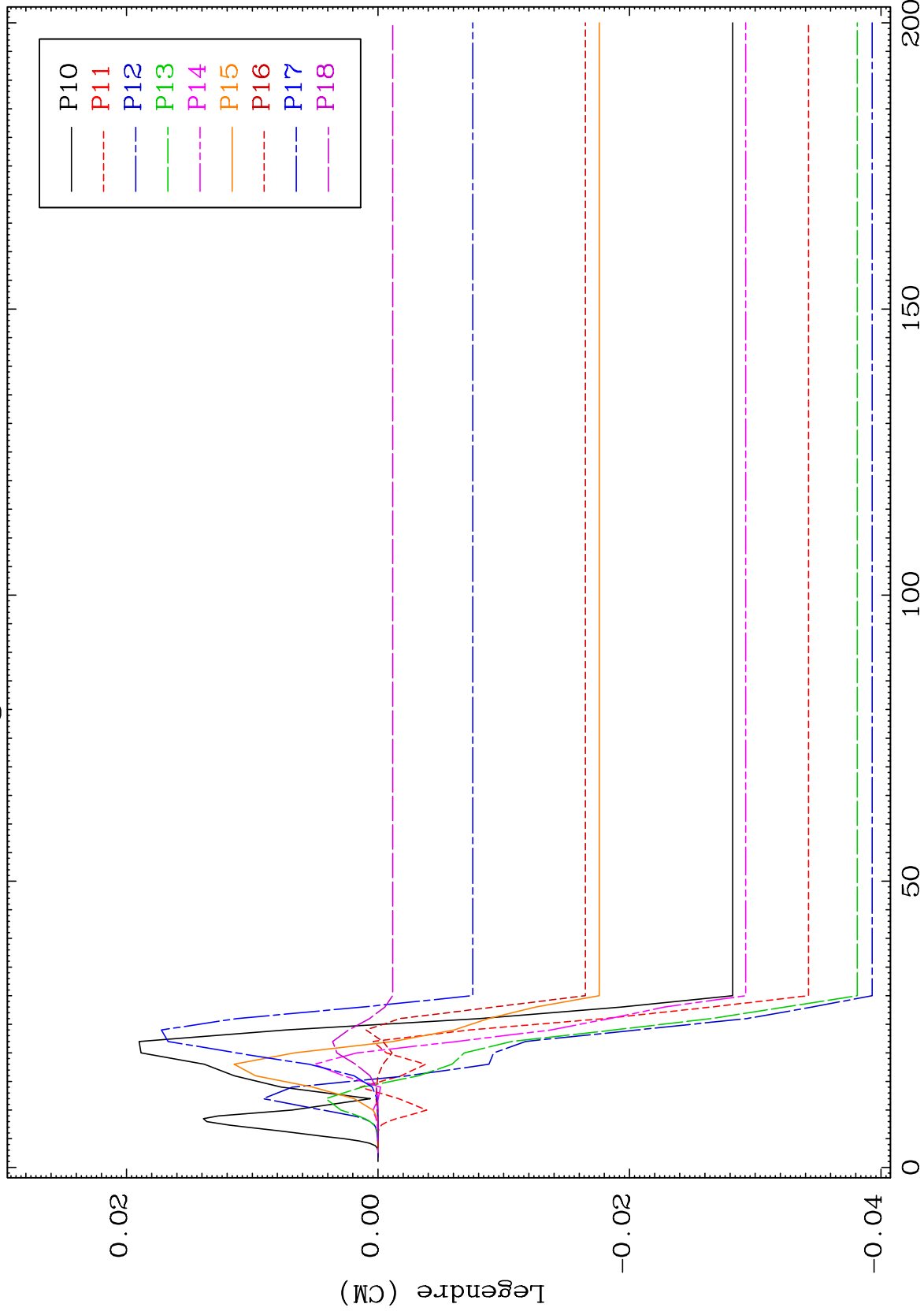
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

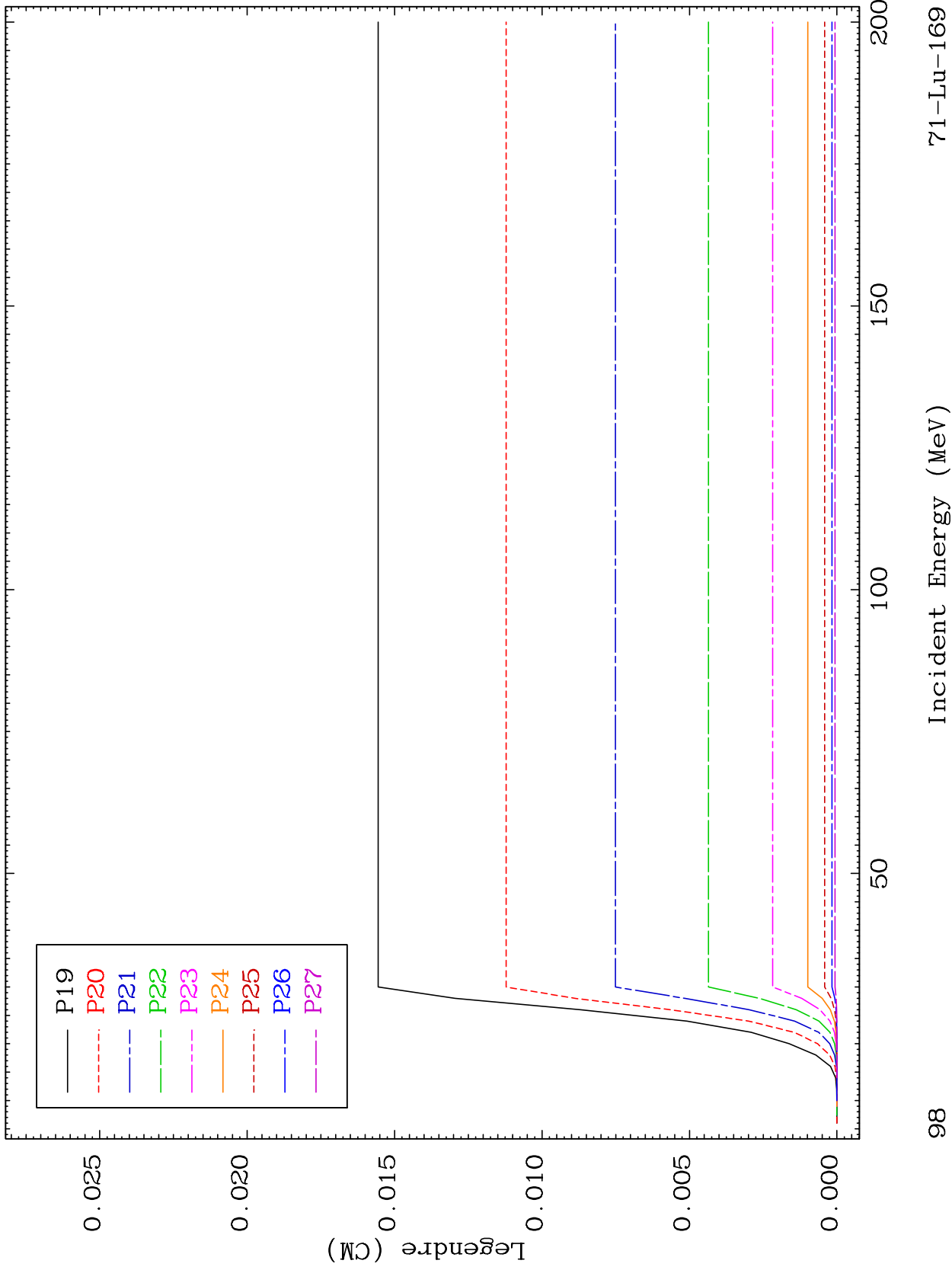
71-Lu-169



97

Incident Energy (MeV)

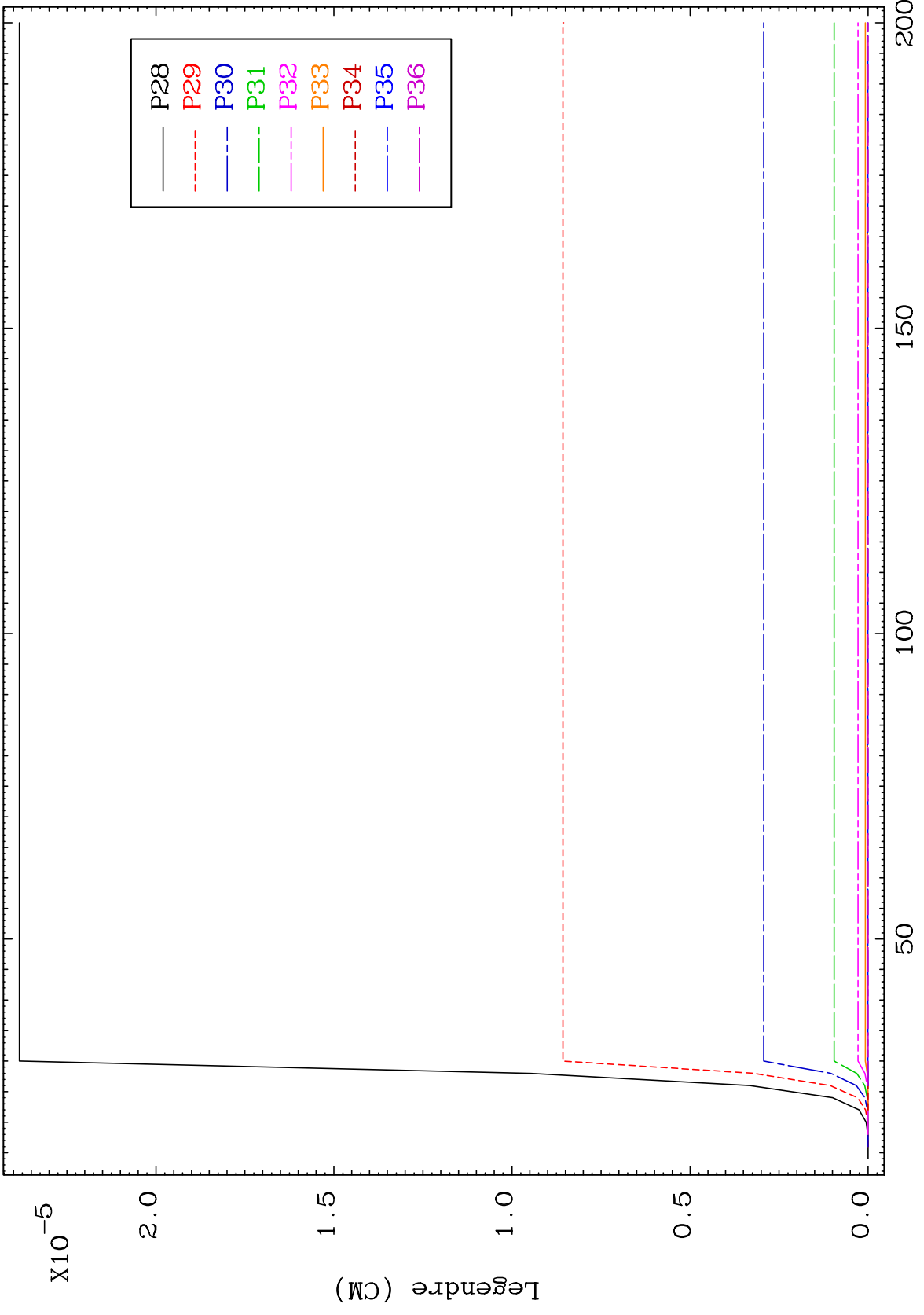
71-Lu-169



MAT 7107

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

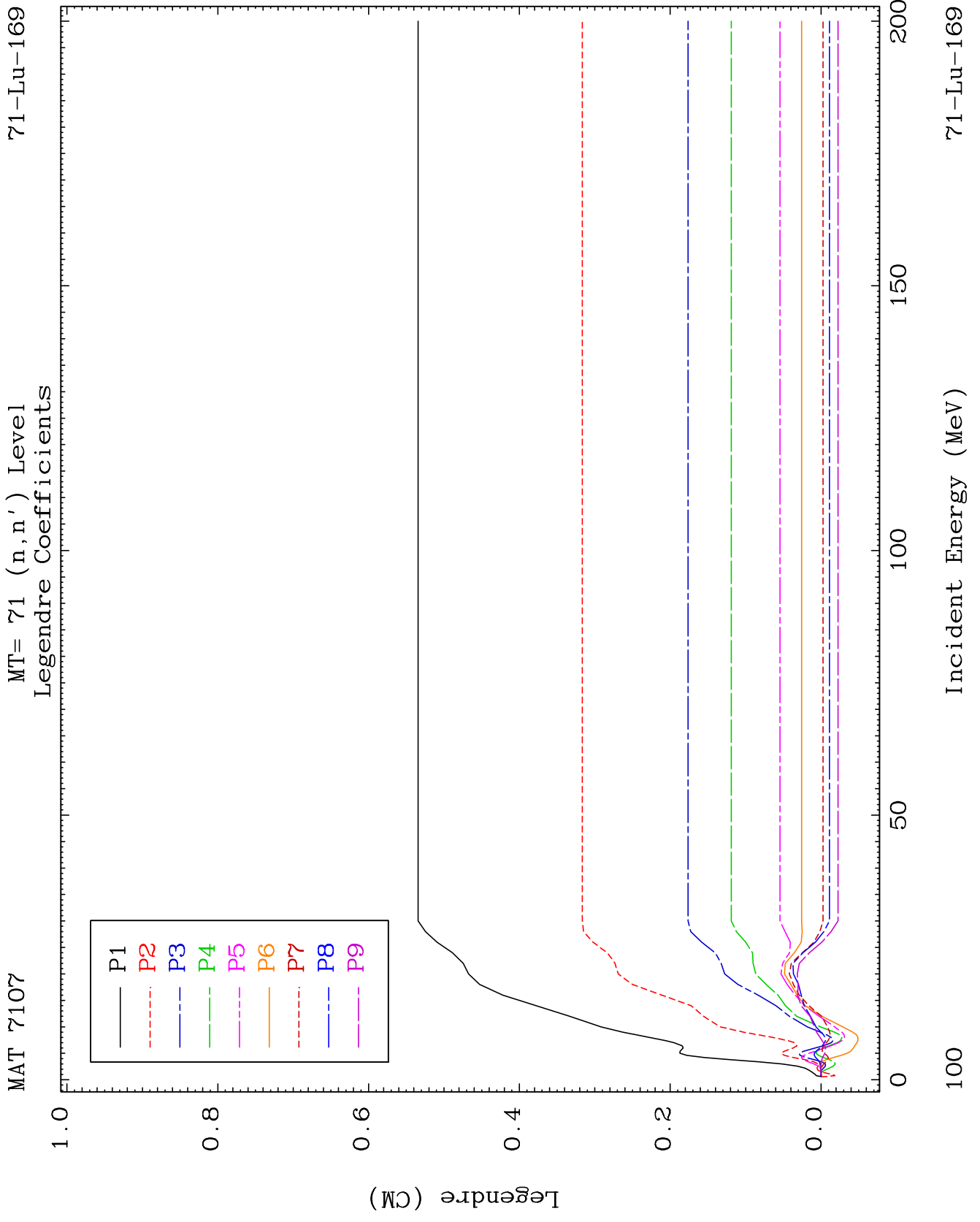
71-Lu-169



99

Incident Energy (MeV)

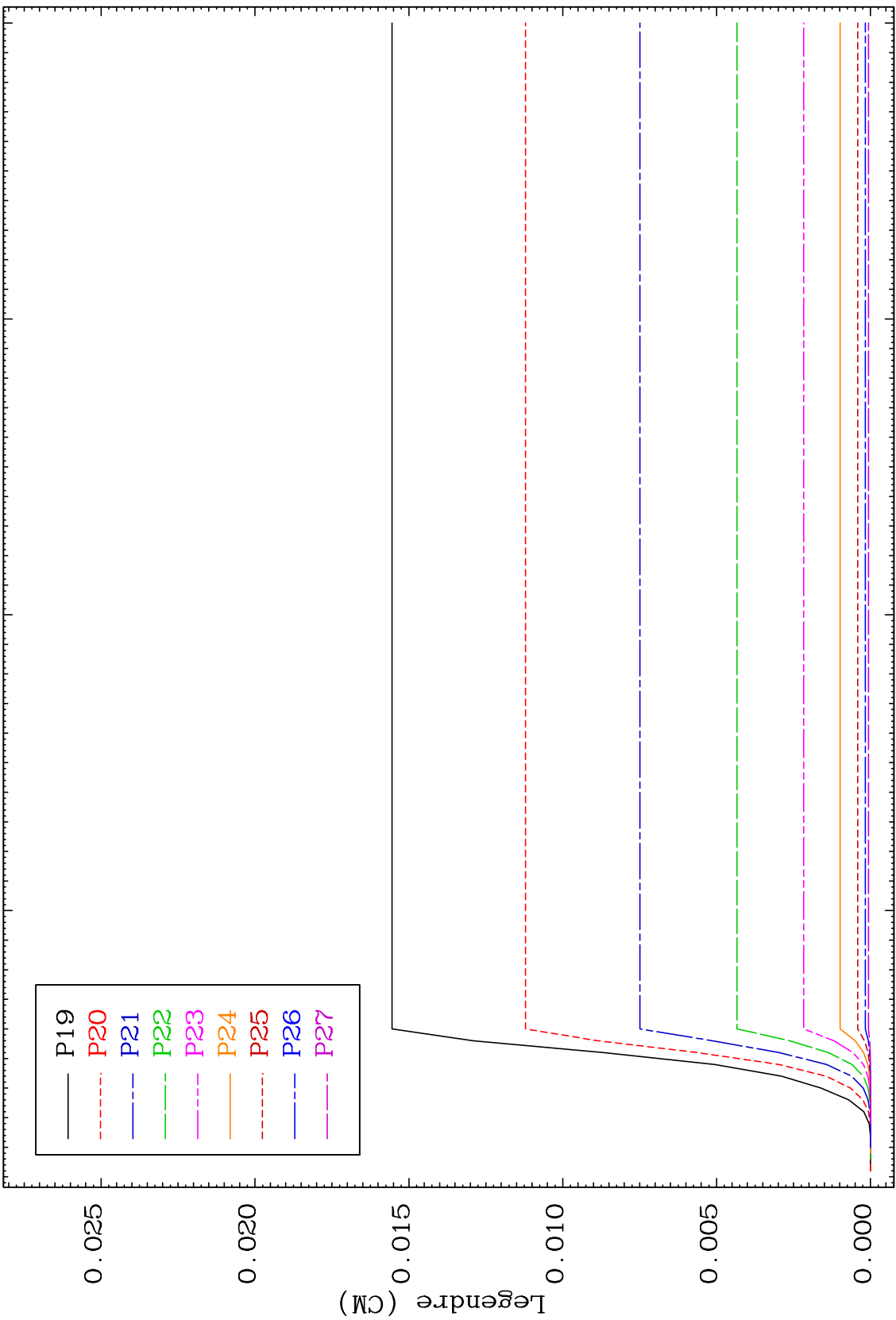
71-Lu-169



MAT 7107

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

71-Lu-169



102

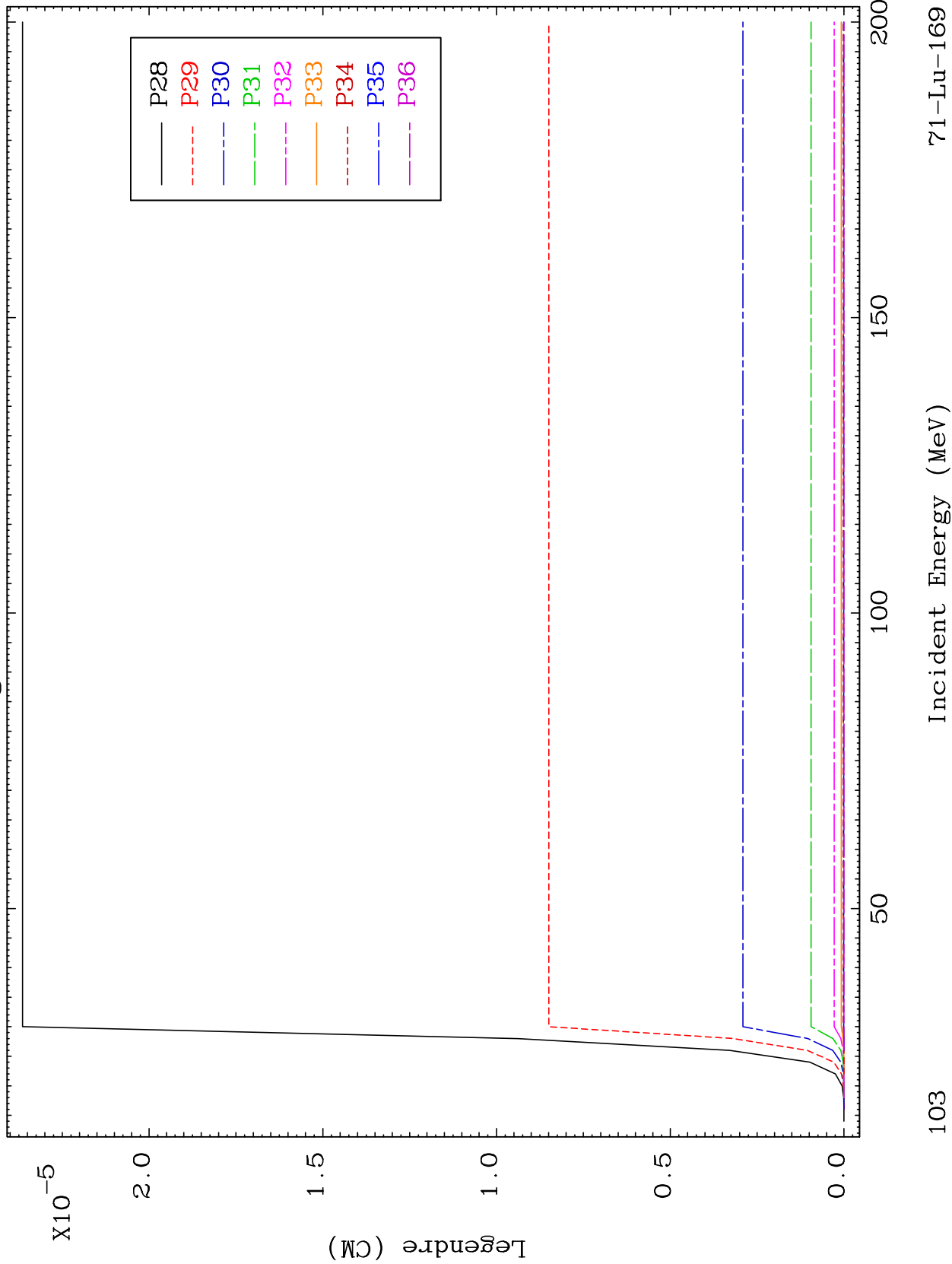
Incident Energy (MeV)

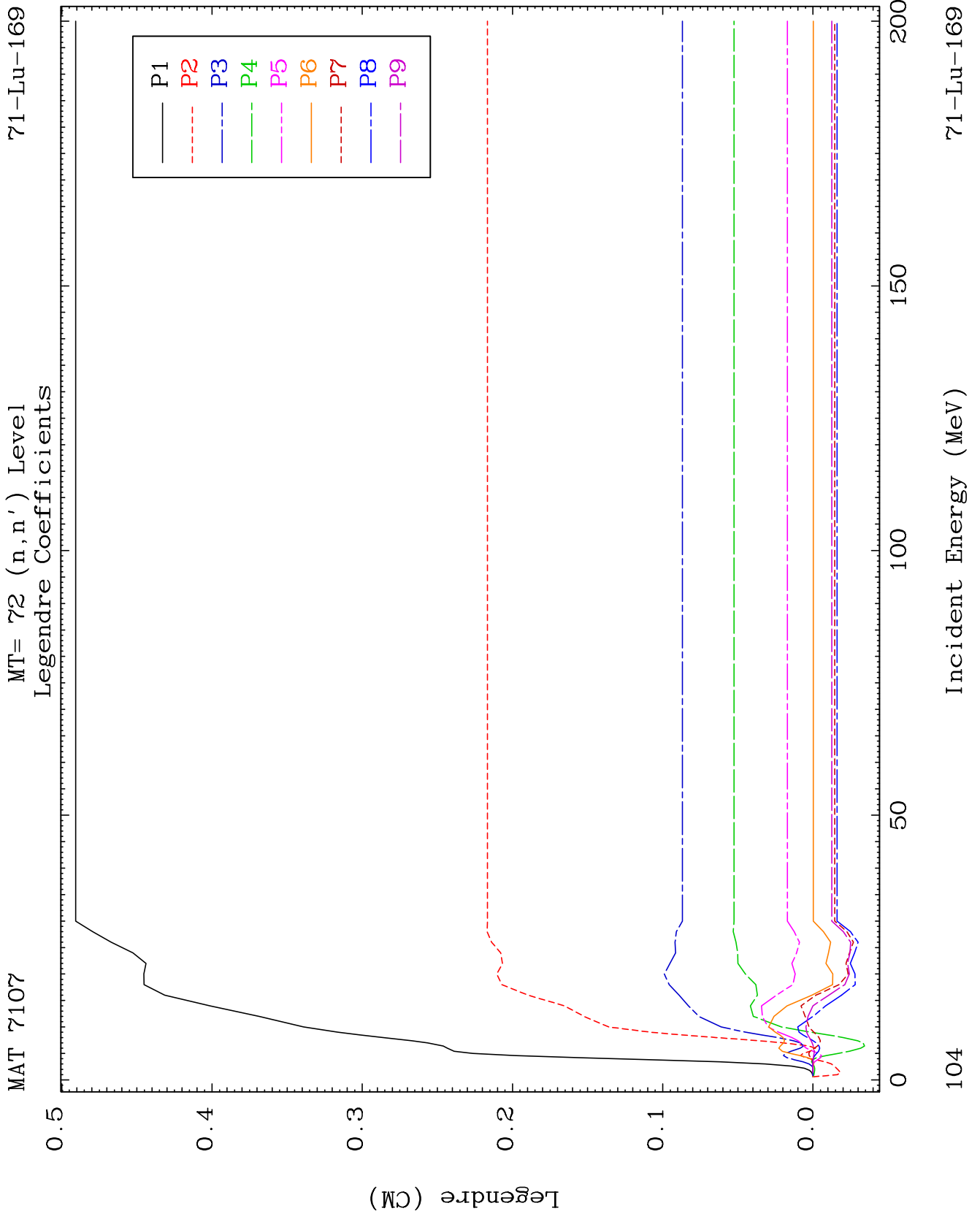
71-Lu-169

MAT 7107

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

71-Lu-169

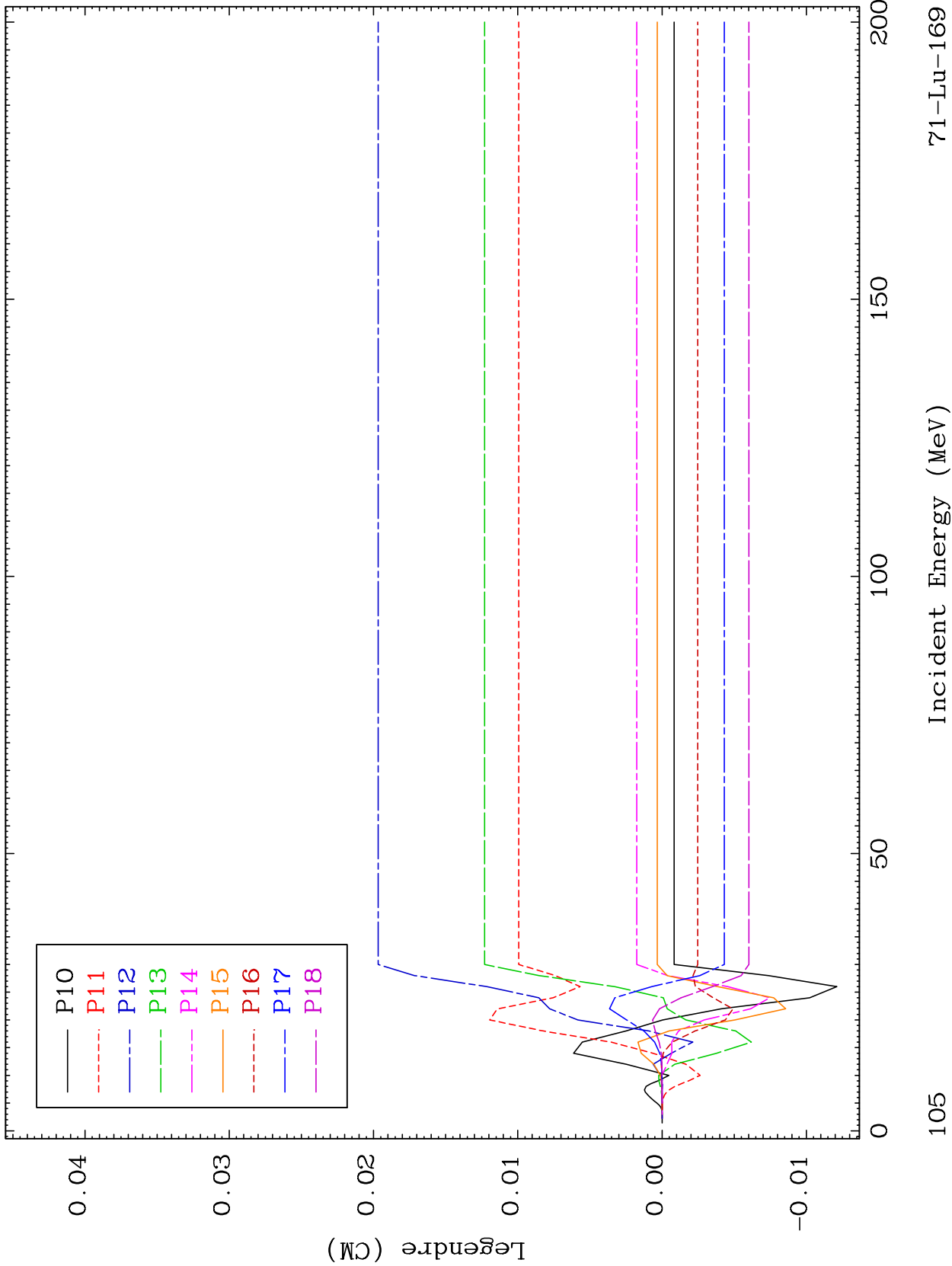




MAT 7107

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

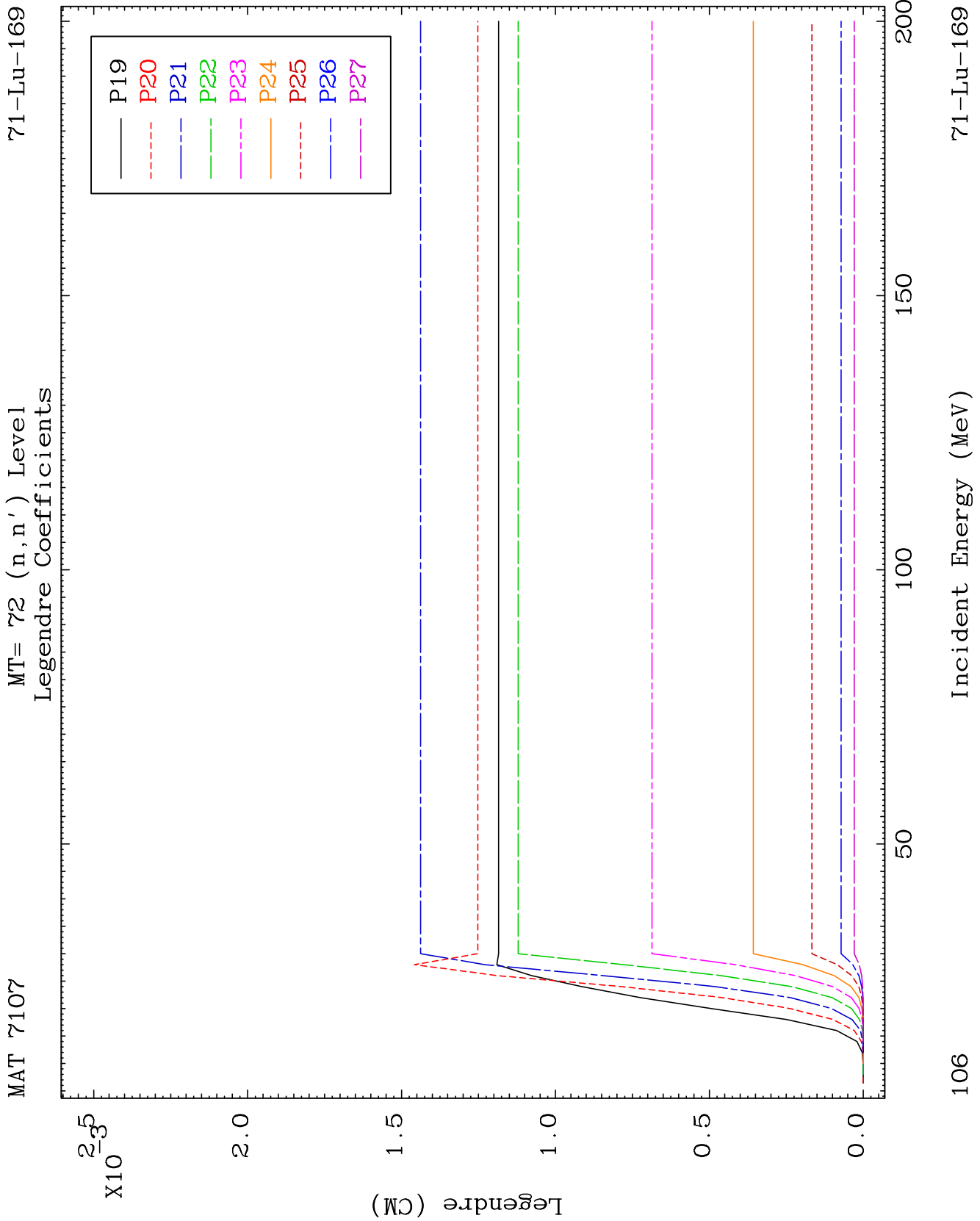
71-Lu-169

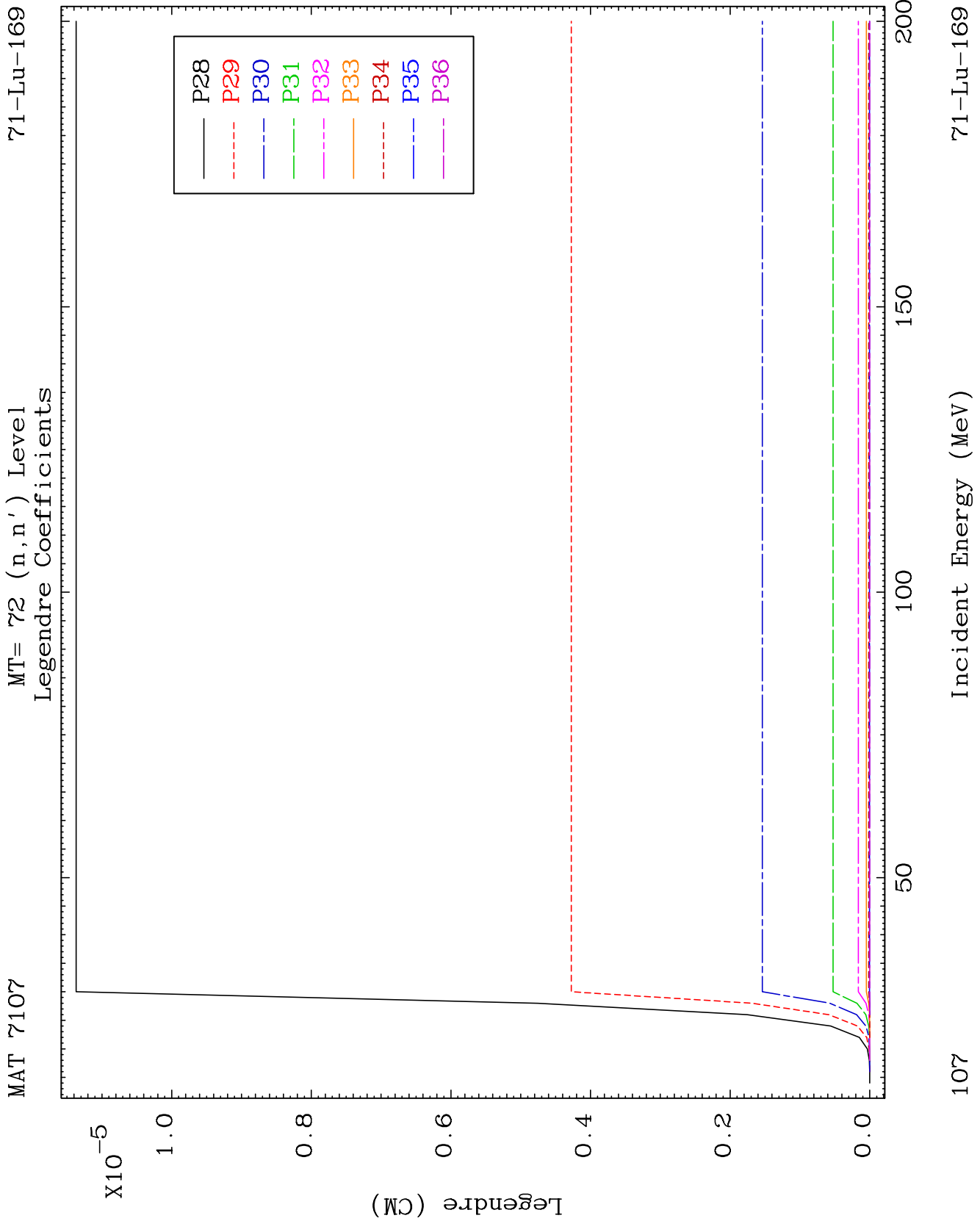


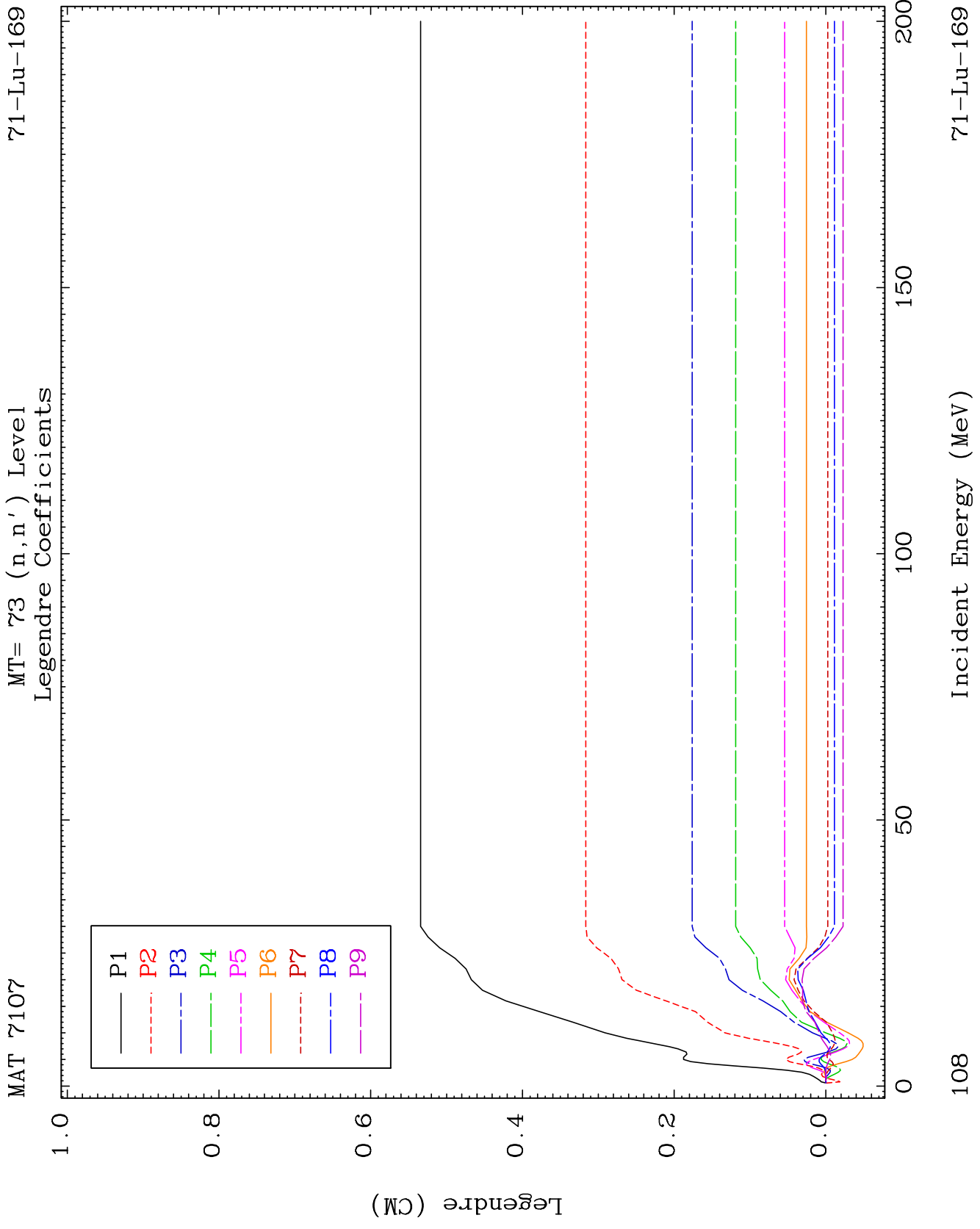
71-Lu-169

Incident Energy (MeV)

105



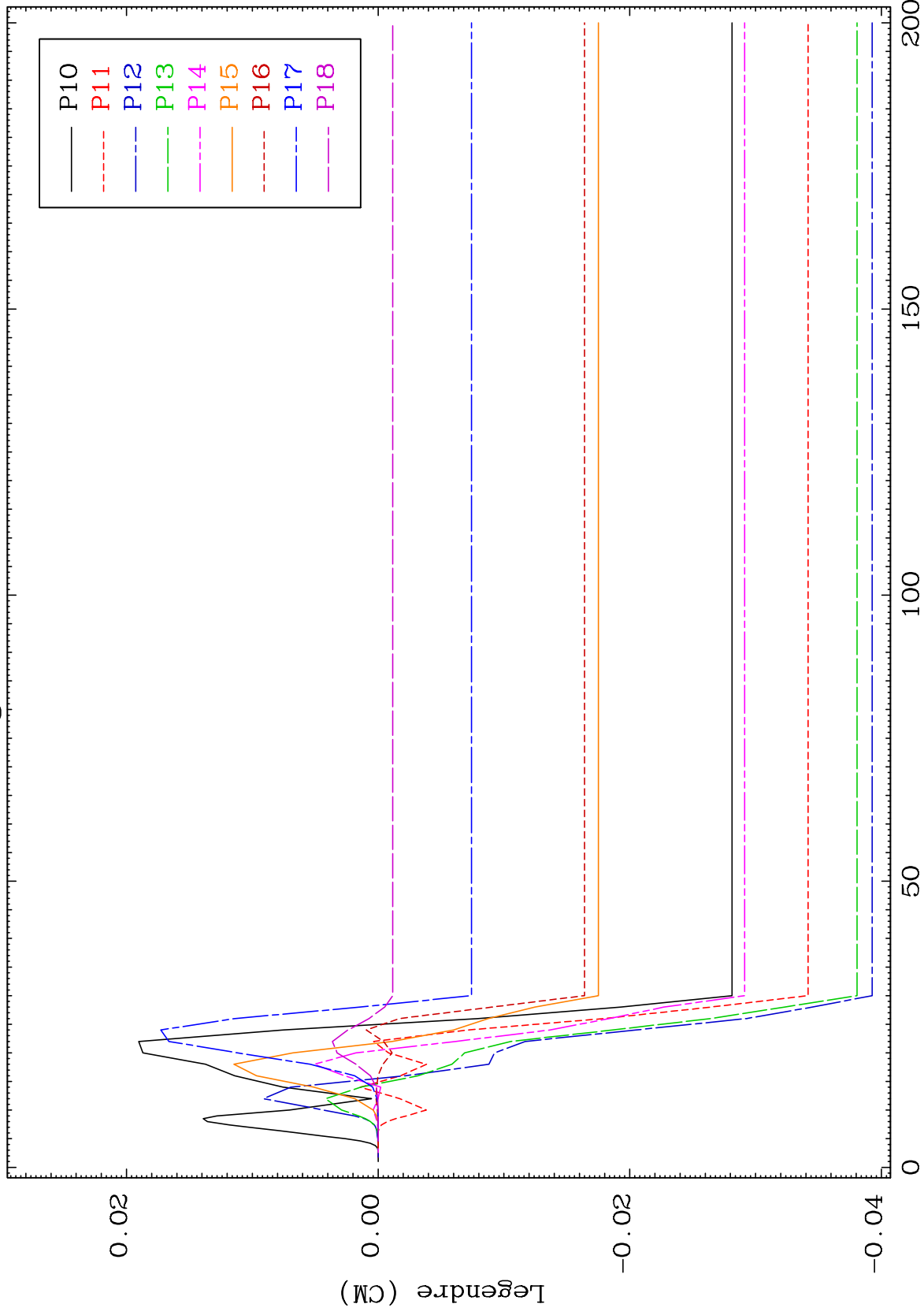




MAT 7107

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

71-Lu-169



109

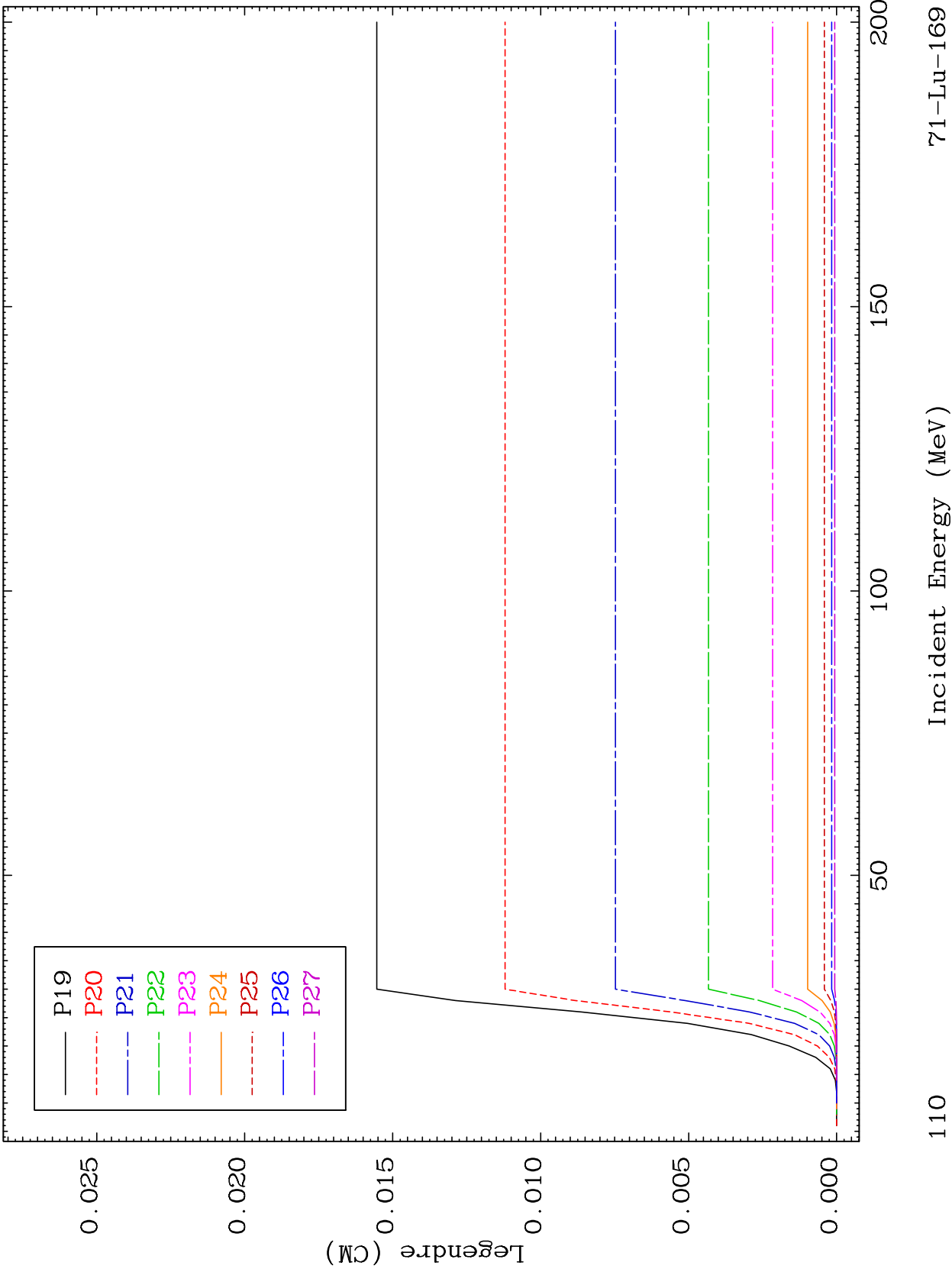
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



71-Lu-169

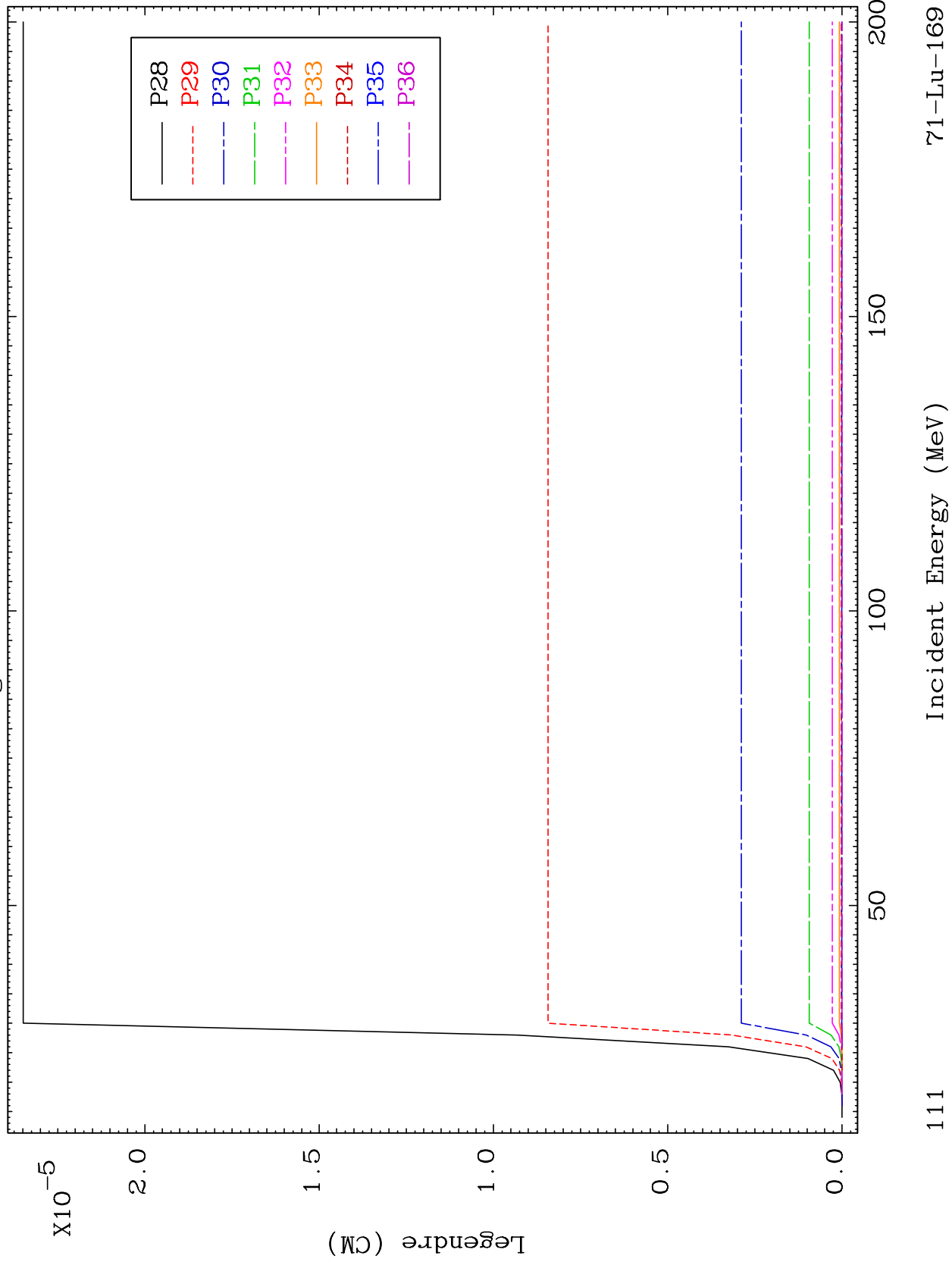
Incident Energy (MeV)

110

MAT 7107

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

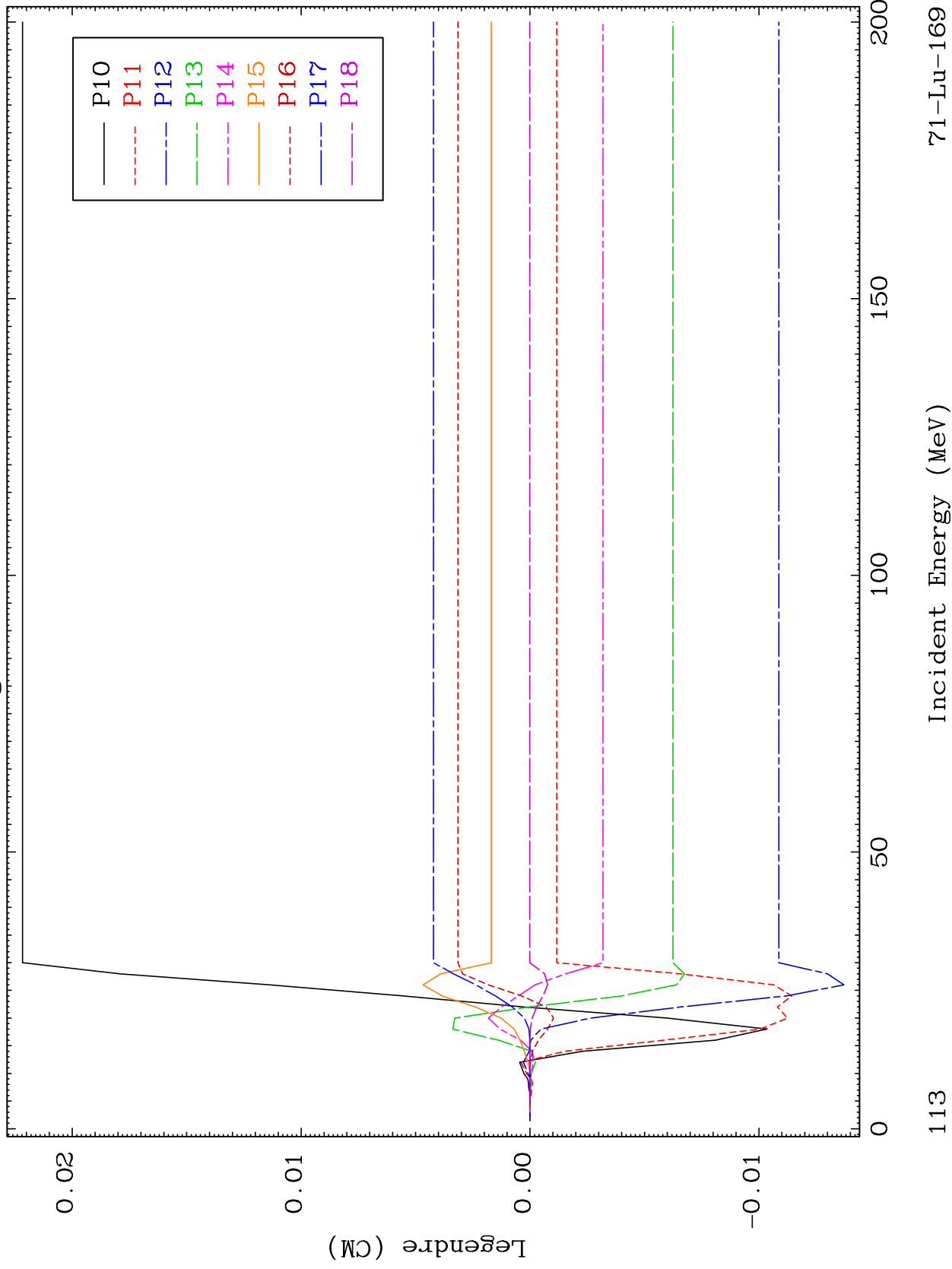
71-Lu-169



MAT 7107

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

71-Lu-169



71-Lu-169

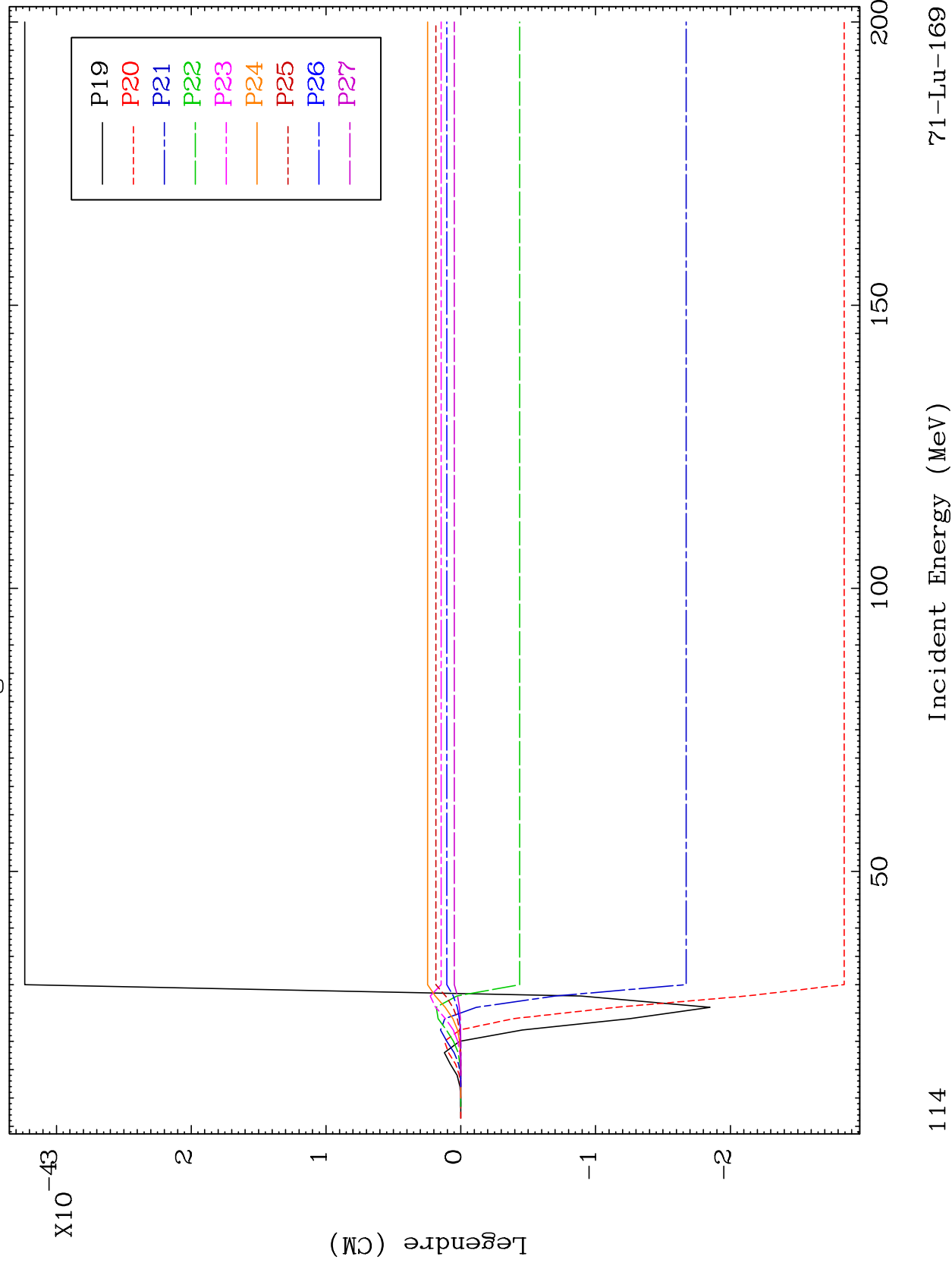
Incident Energy (MeV)

113

MAT 7107

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

71-Lu-169



114

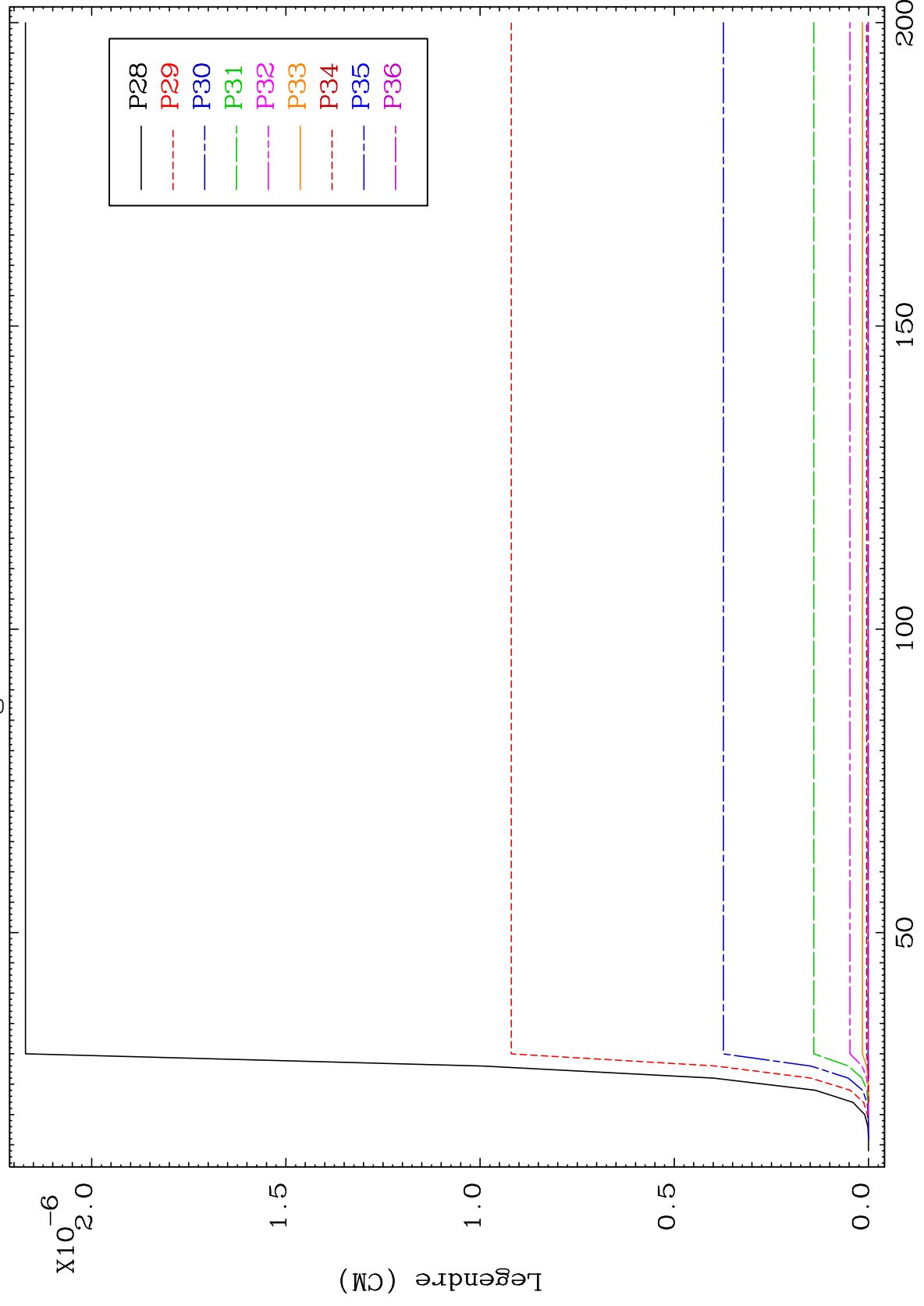
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

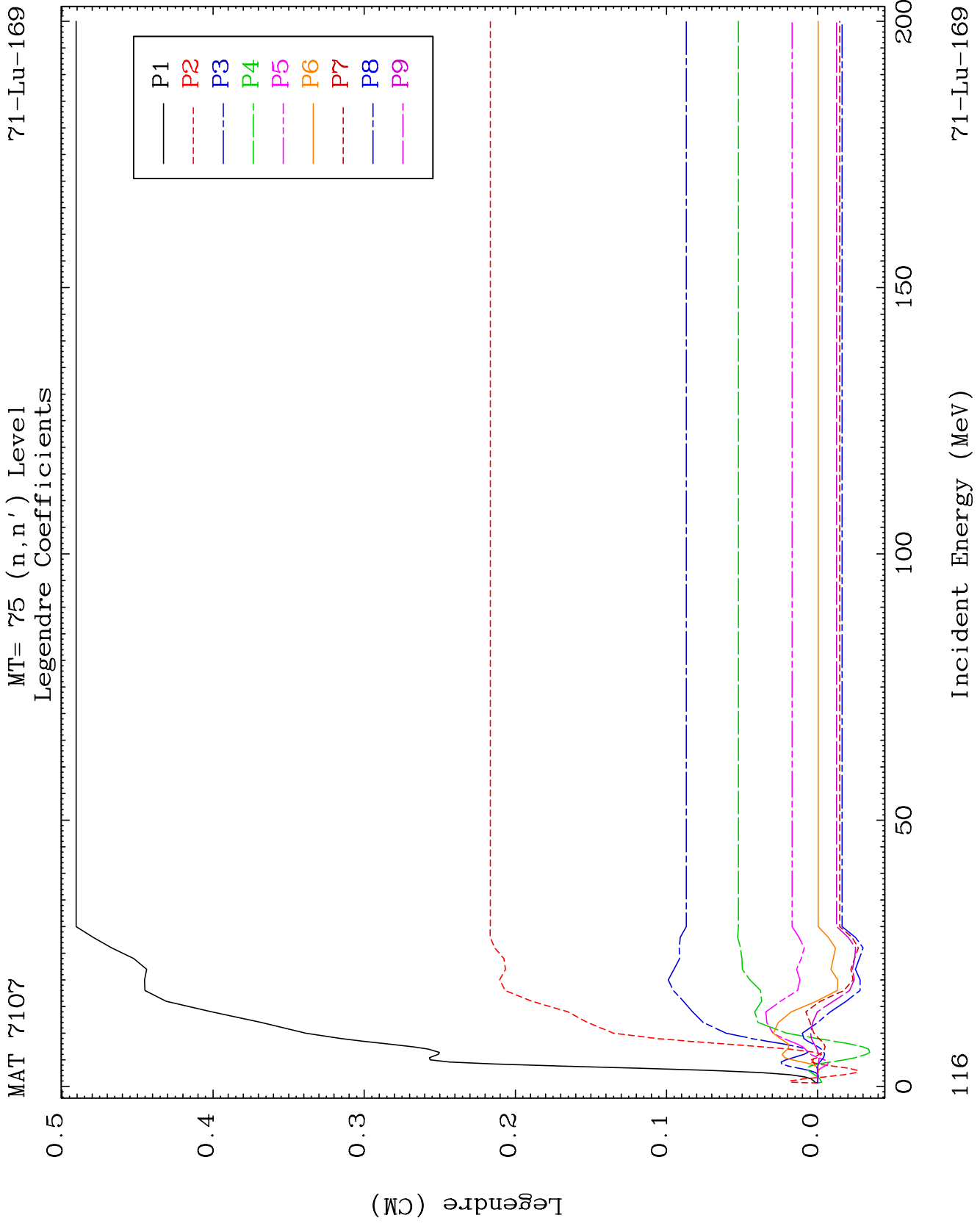
71-Lu-169



71-Lu-169

Incident Energy (MeV)

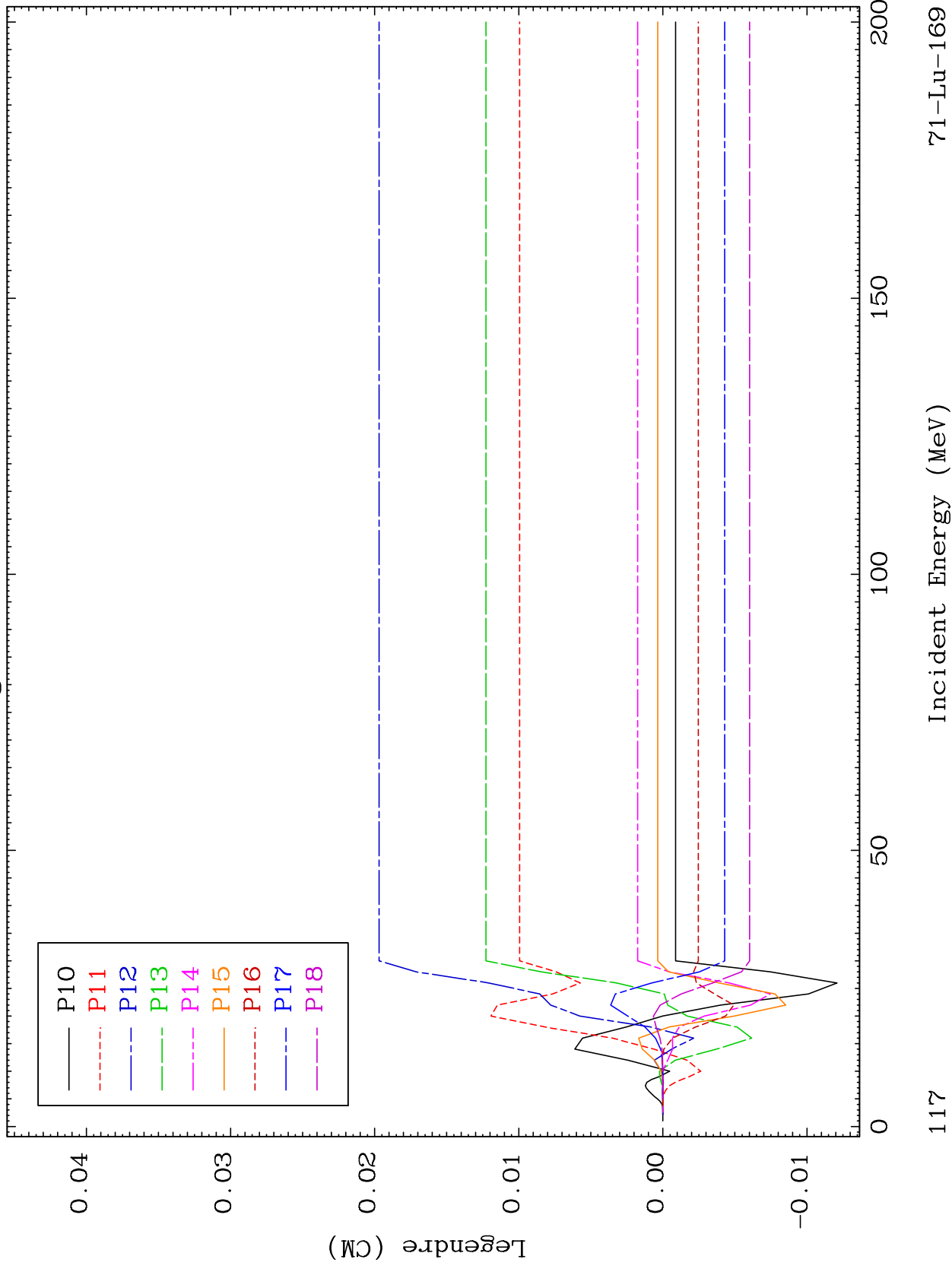
115



MAT 7107

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

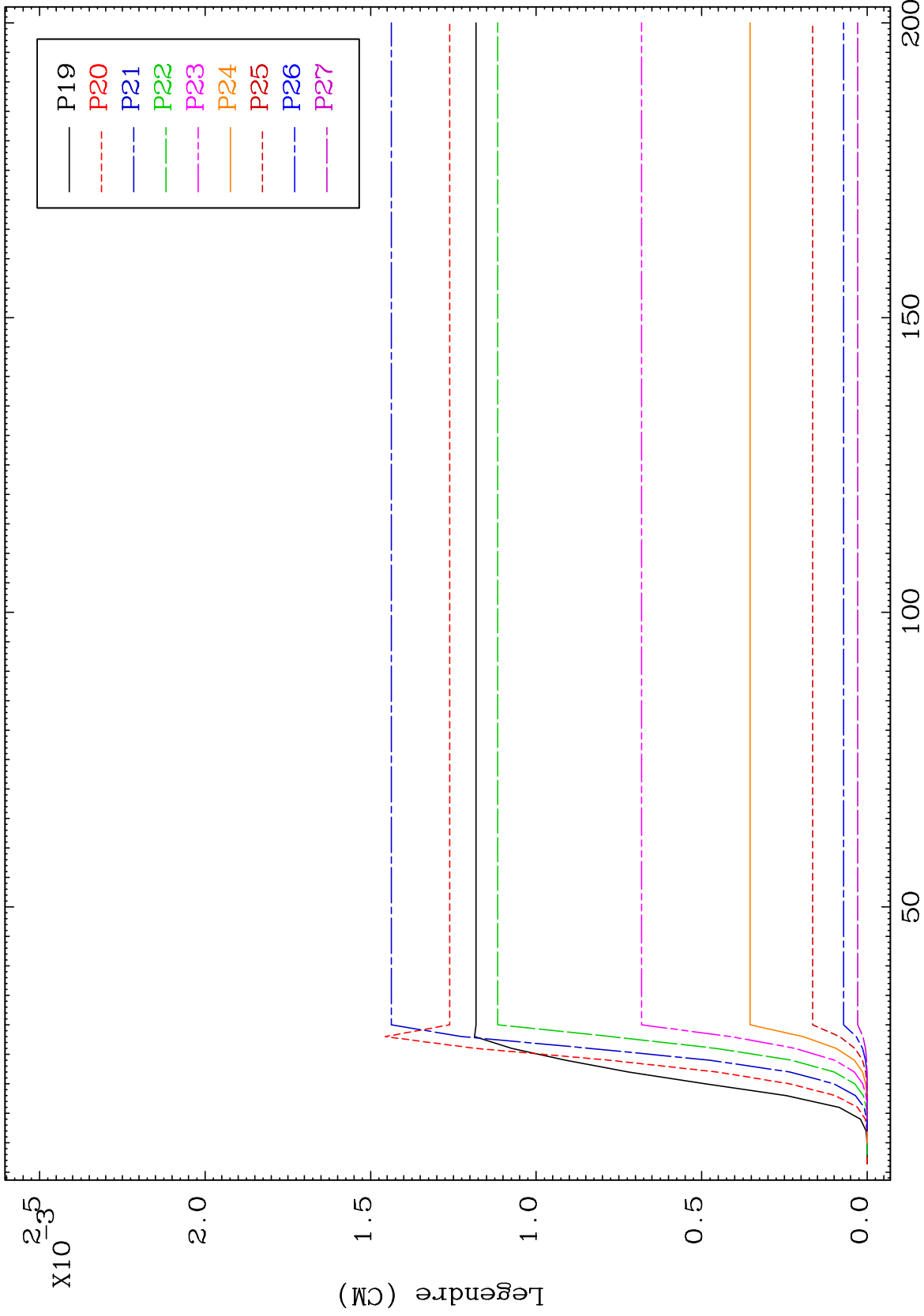
71-Lu-169



MAT 7107

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

71-Lu-169



118

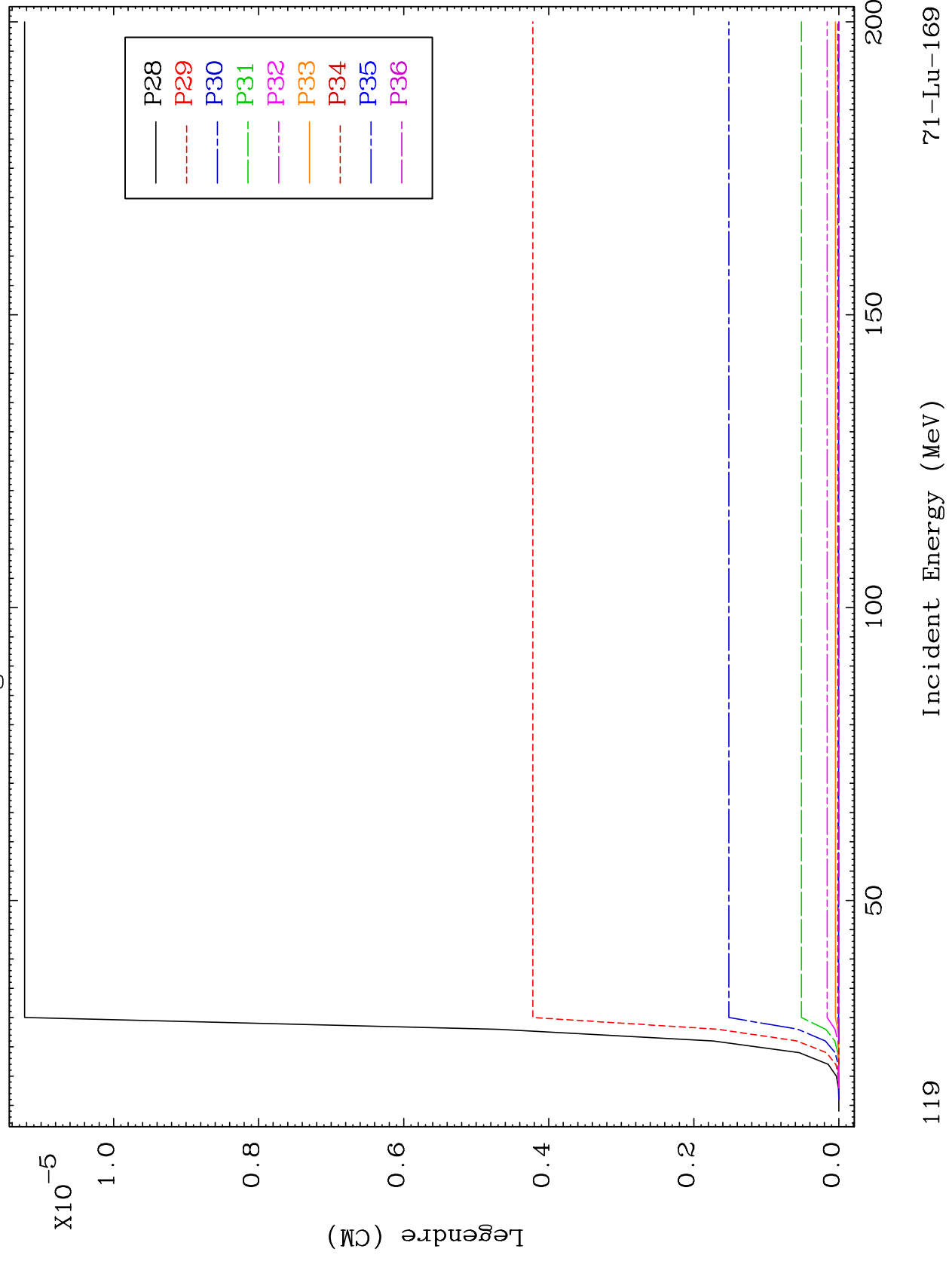
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

71-Lu-169



71-Lu-169

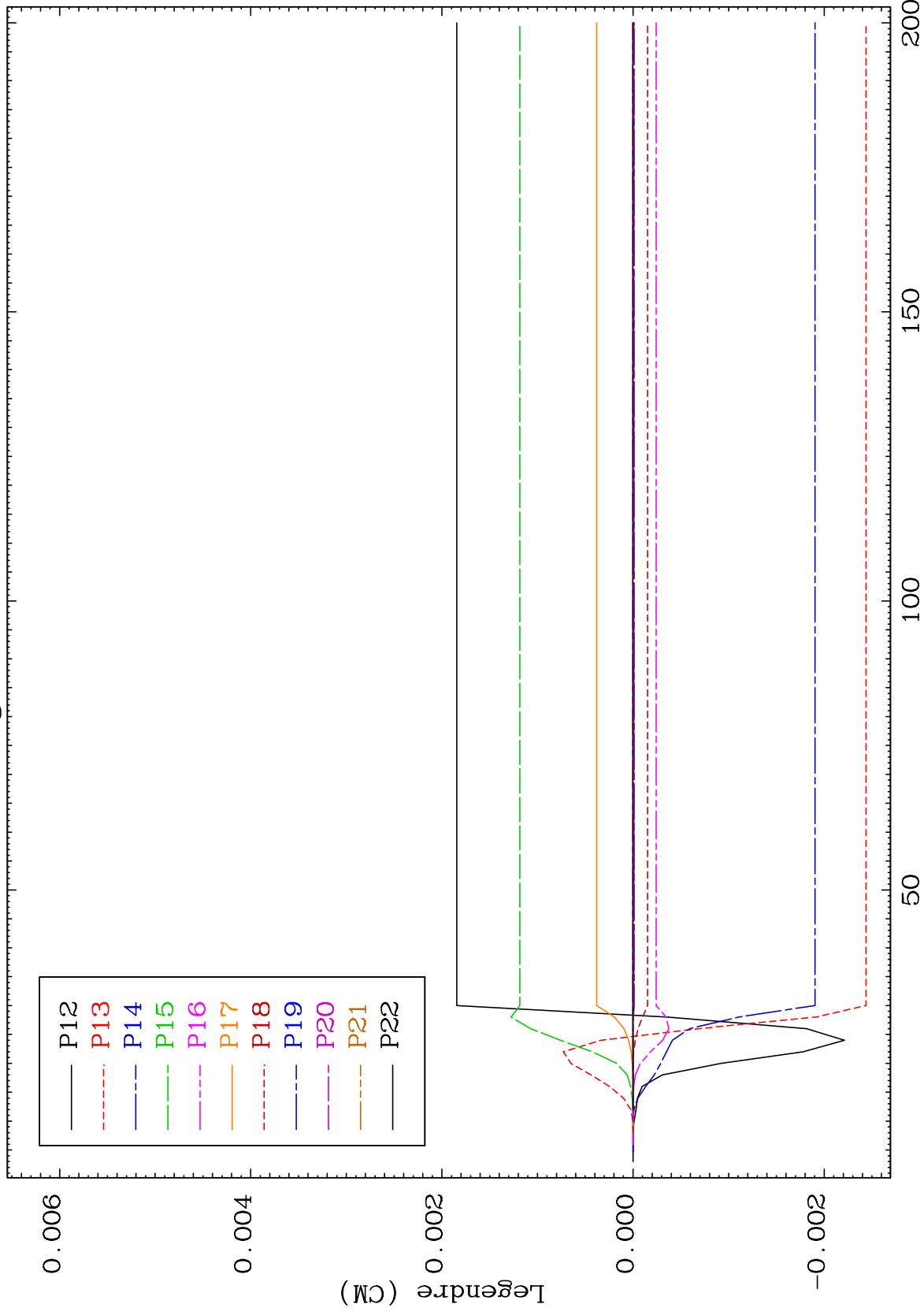
Incident Energy (MeV)

119

MAT 7107

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

71-Lu-169



121

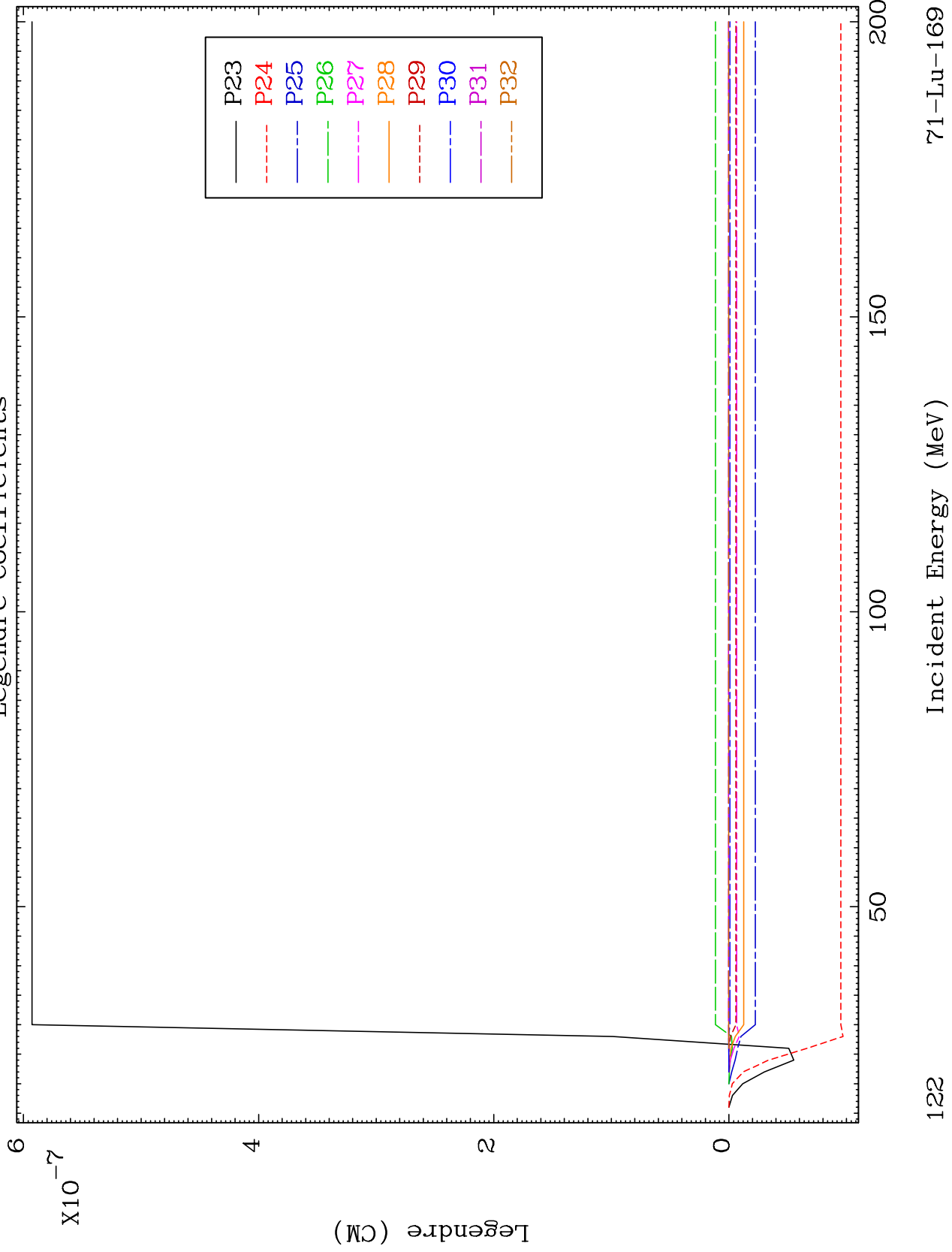
Incident Energy (MeV)

71-Lu-169

MAT 7107

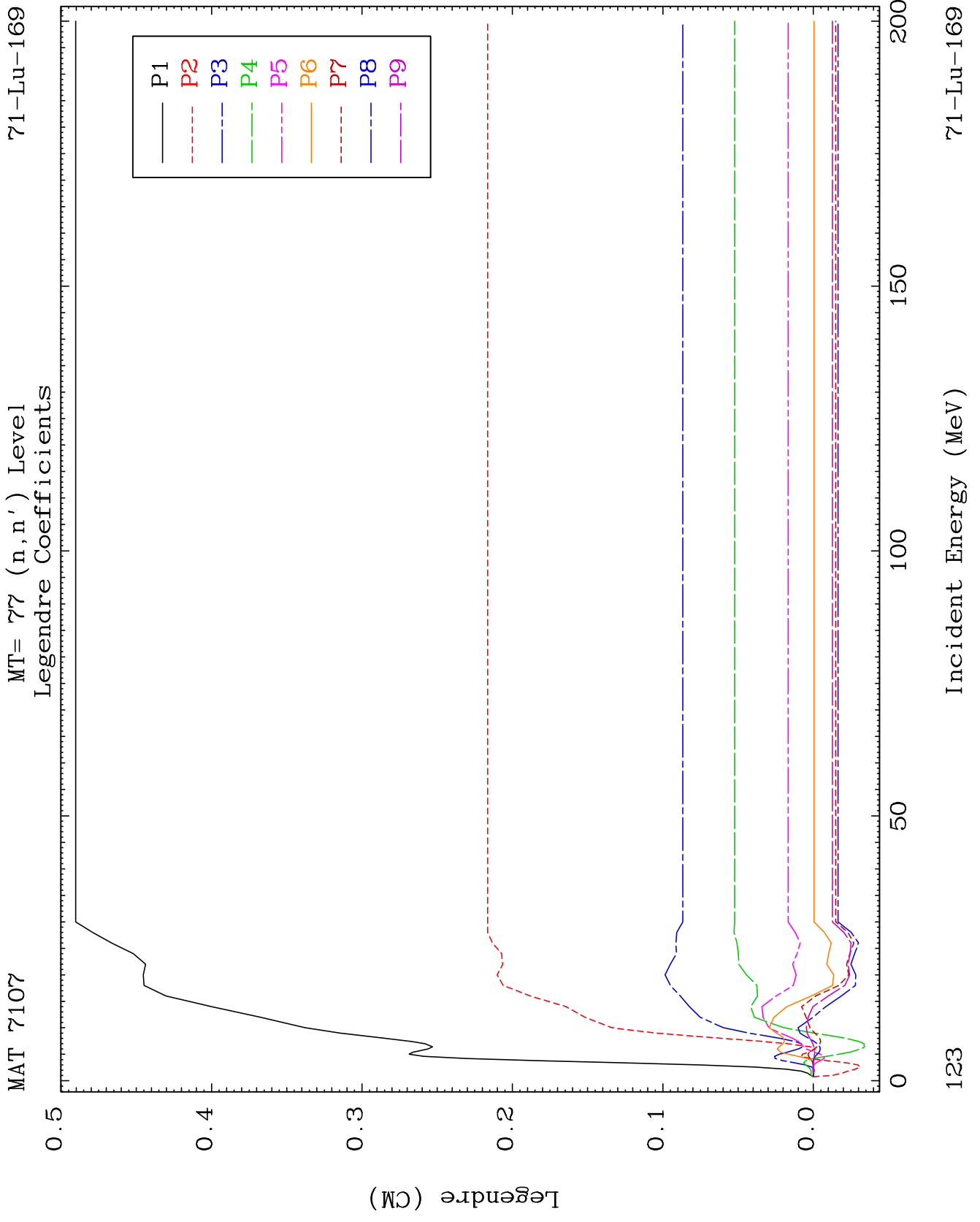
MT= 76 (n,n') Level
Legendre Coefficients

71-Lu-169



122

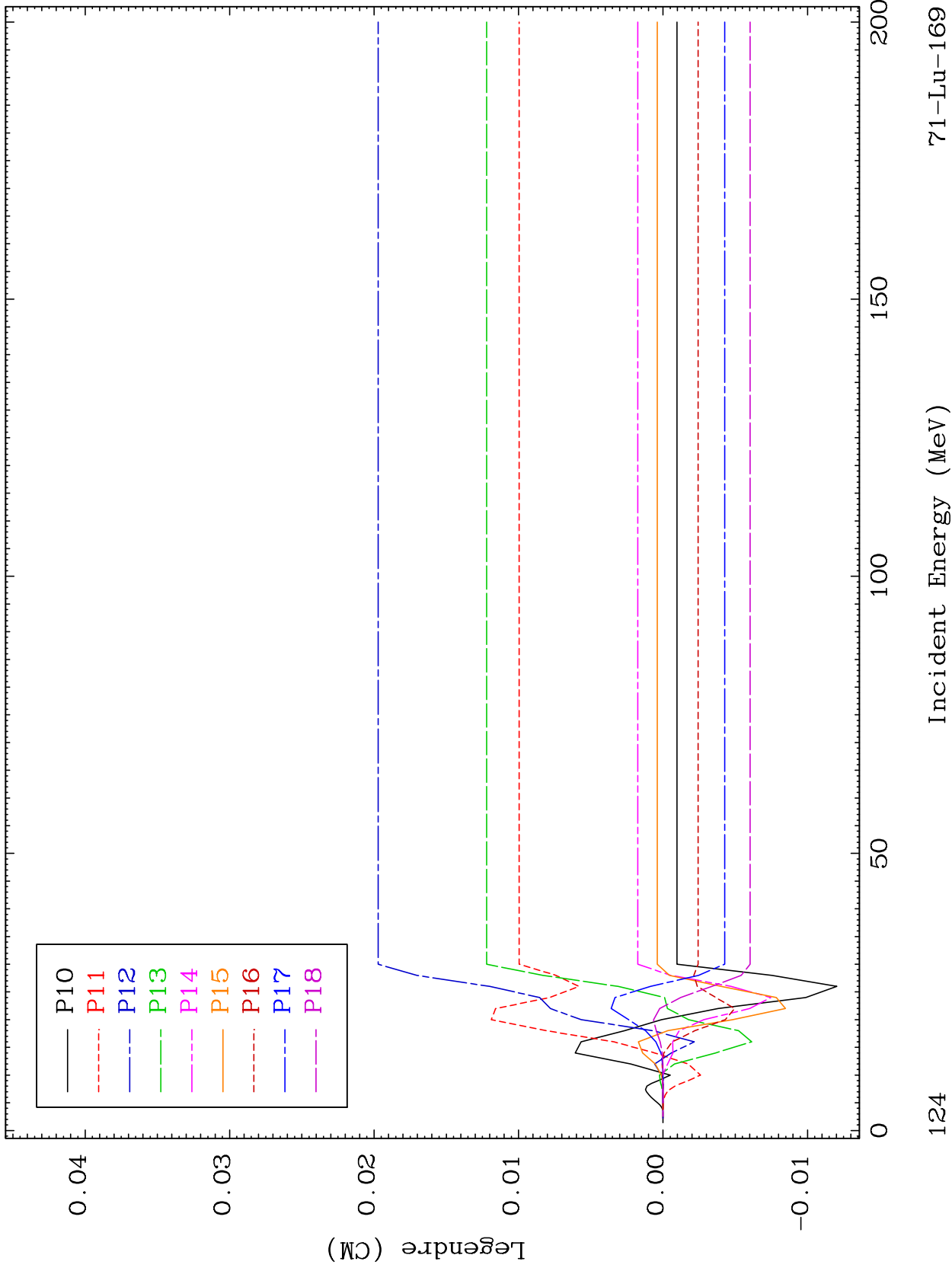
71-Lu-169



MAT 7107

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

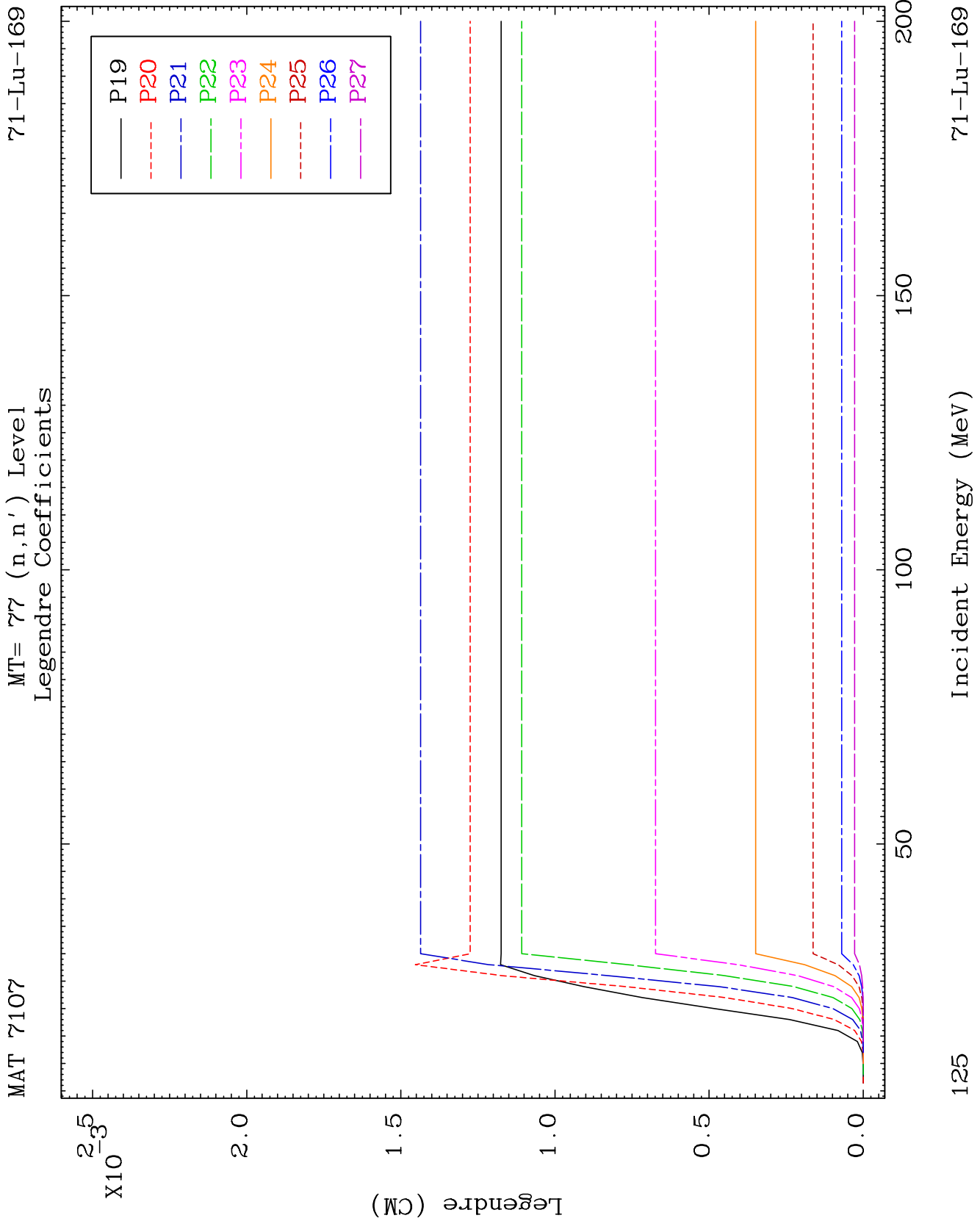
71-Lu-169



124

Incident Energy (MeV)

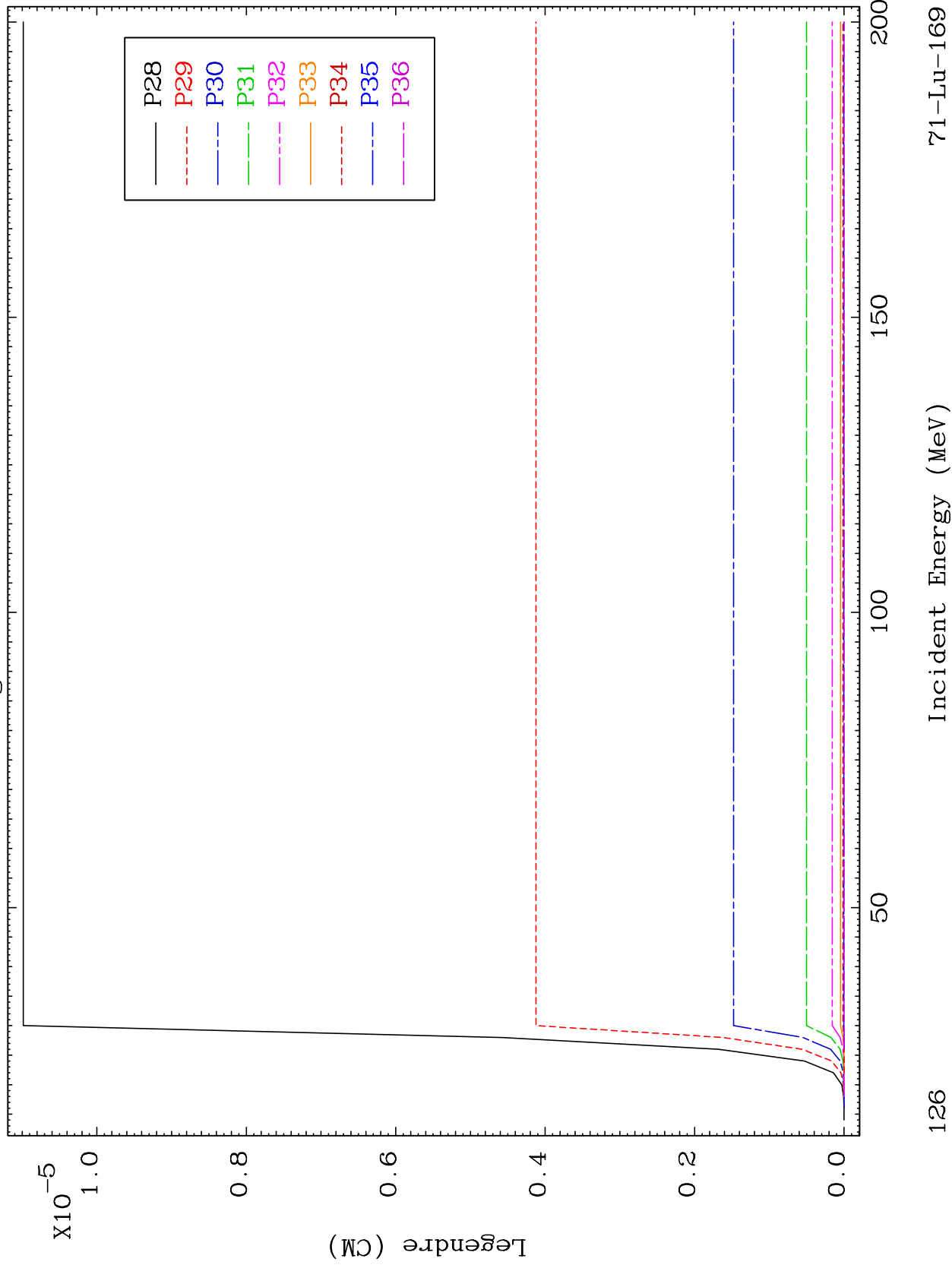
71-Lu-169



MAT 7107

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

71-Lu-169



126

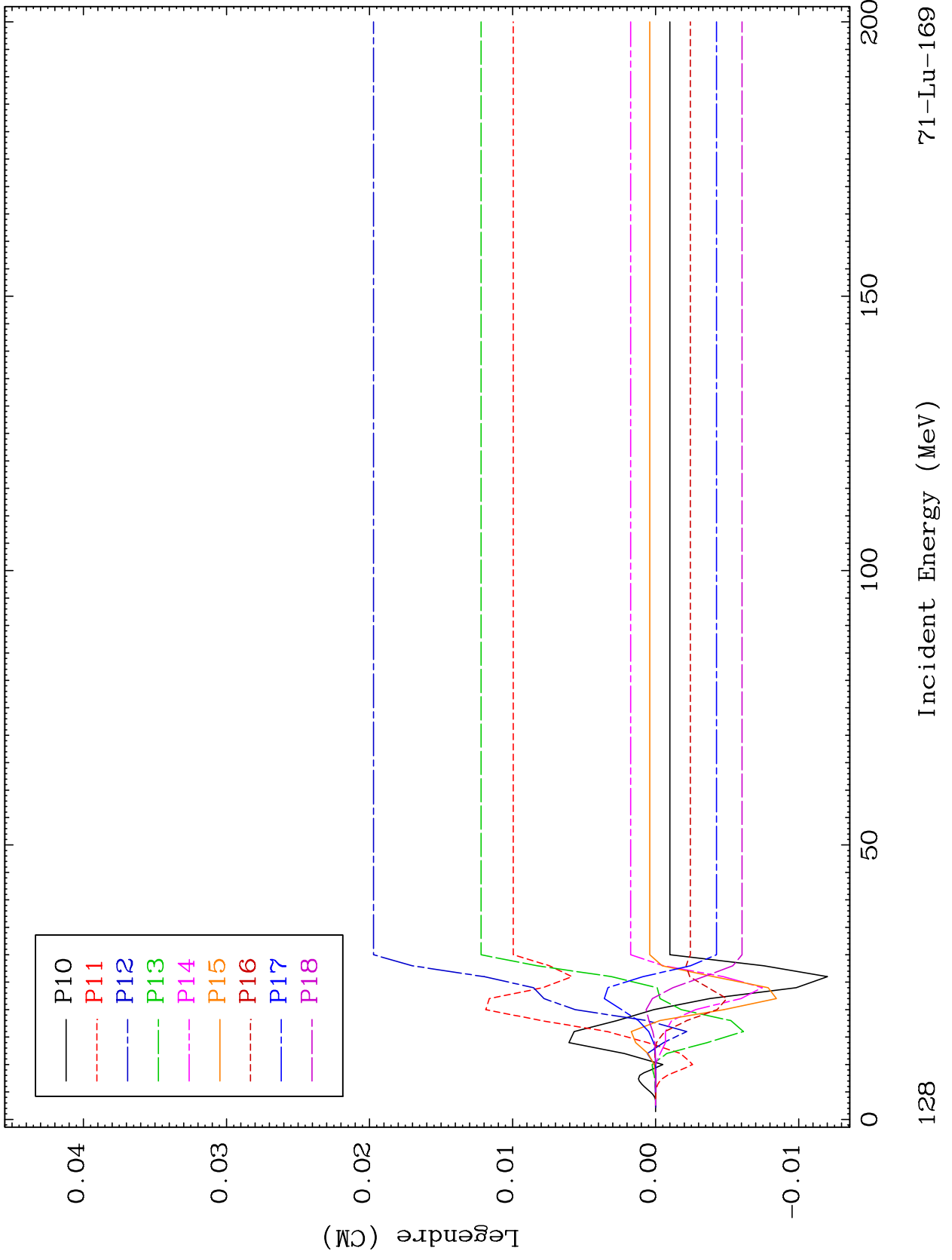
Incident Energy (MeV)

71-Lu-169

MAT 7107

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

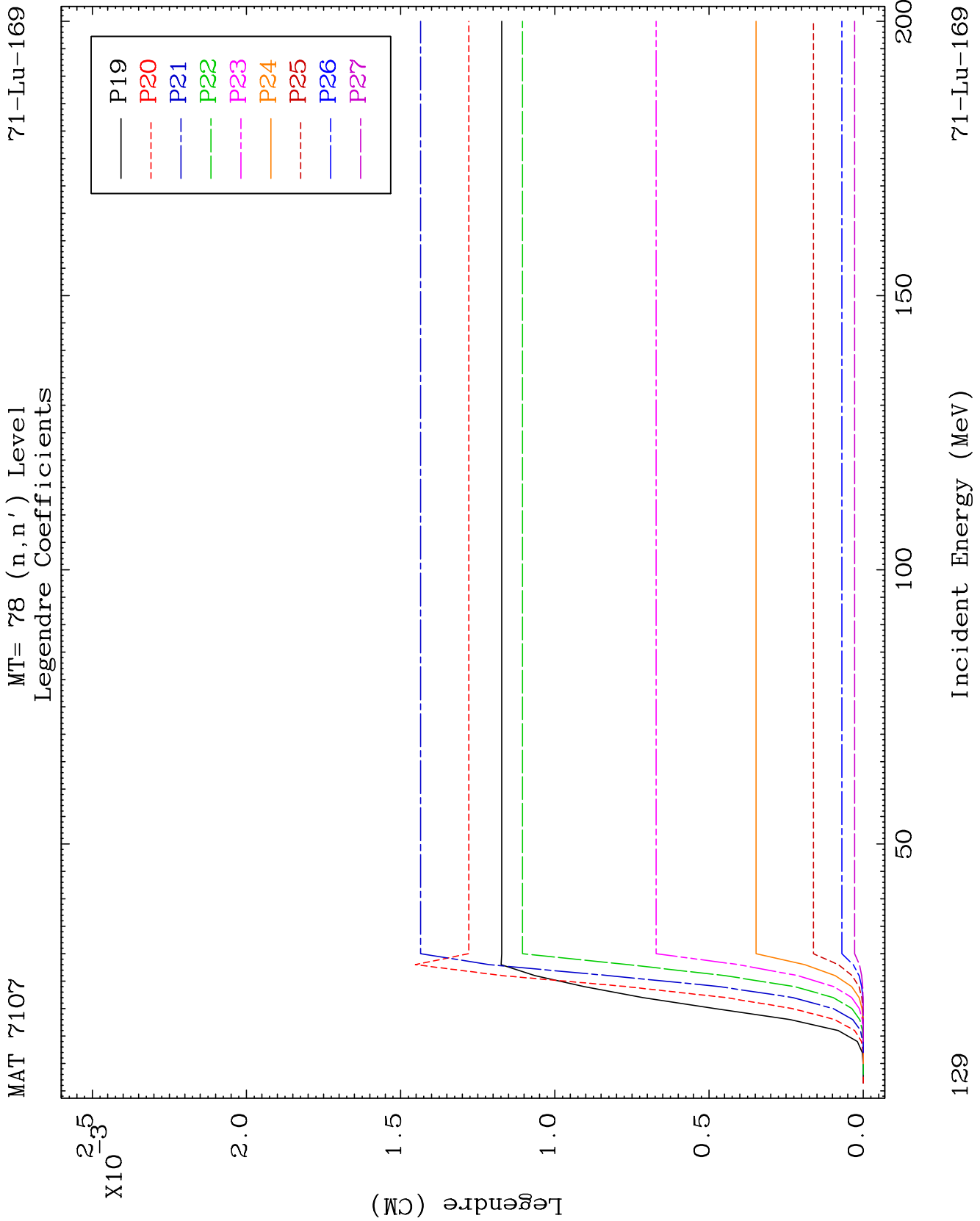
71-Lu-169



128

Incident Energy (MeV)

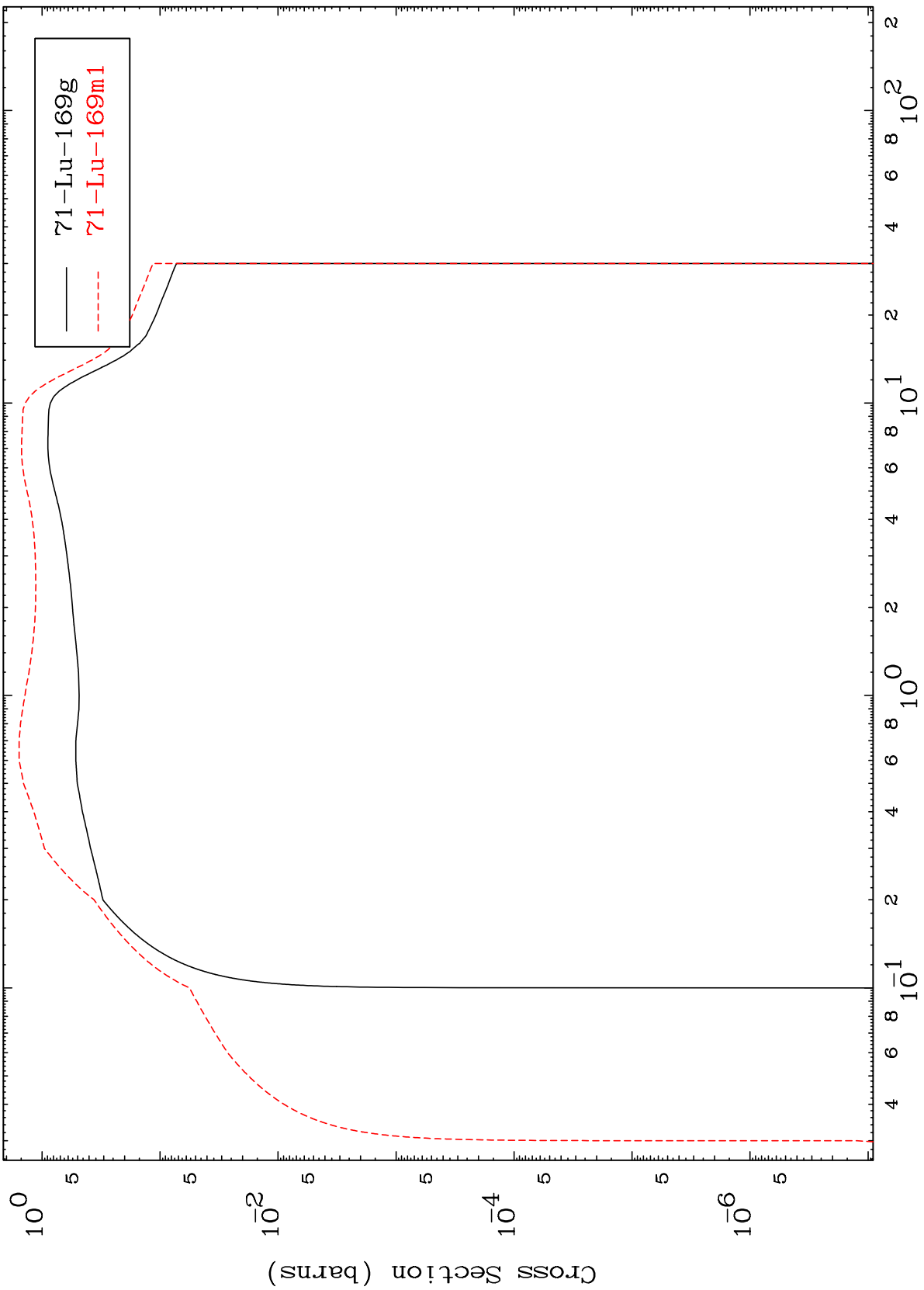
71-Lu-169



MAT 7107

71-Lu-169

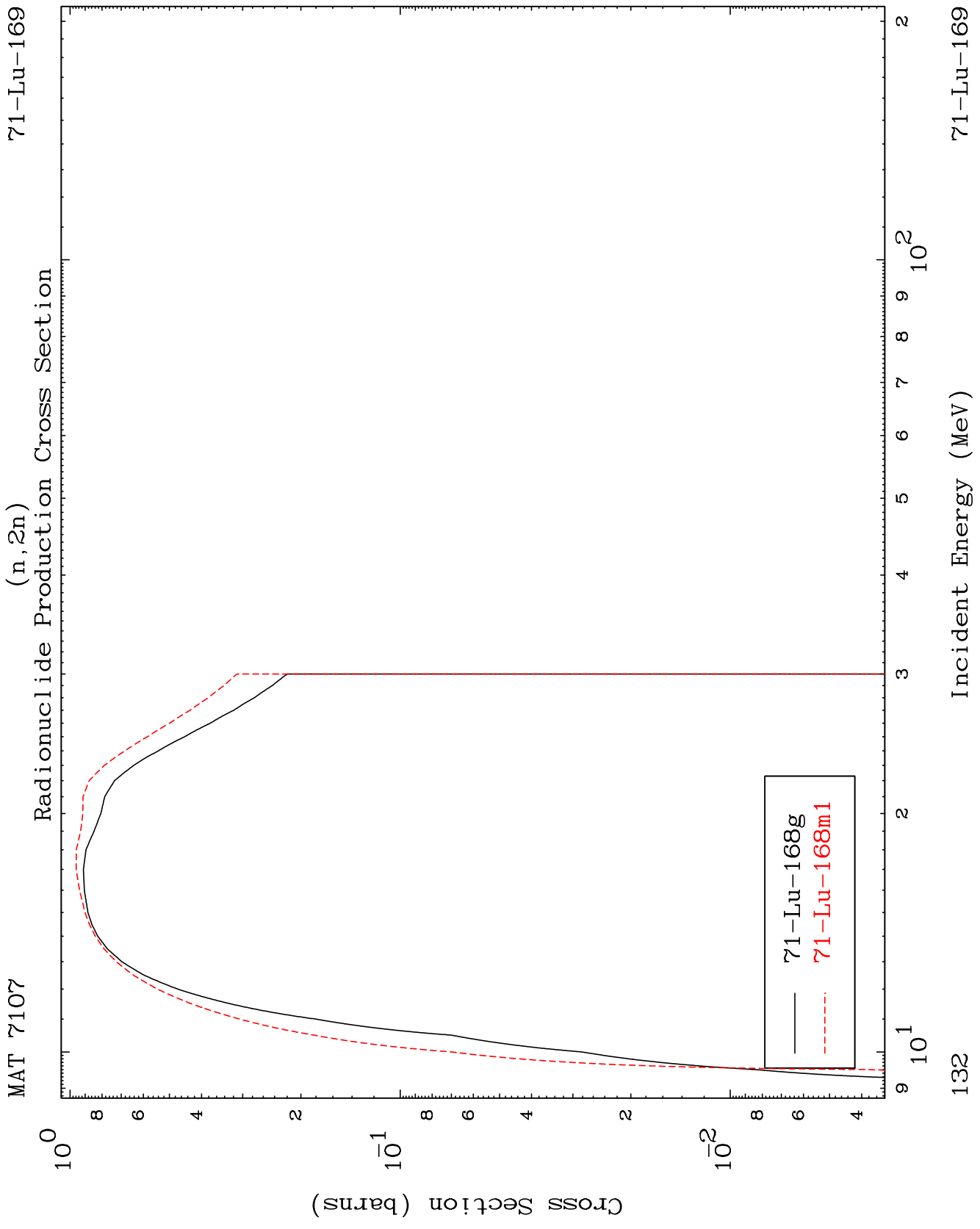
Inelastic
Radionuclide Production Cross Section



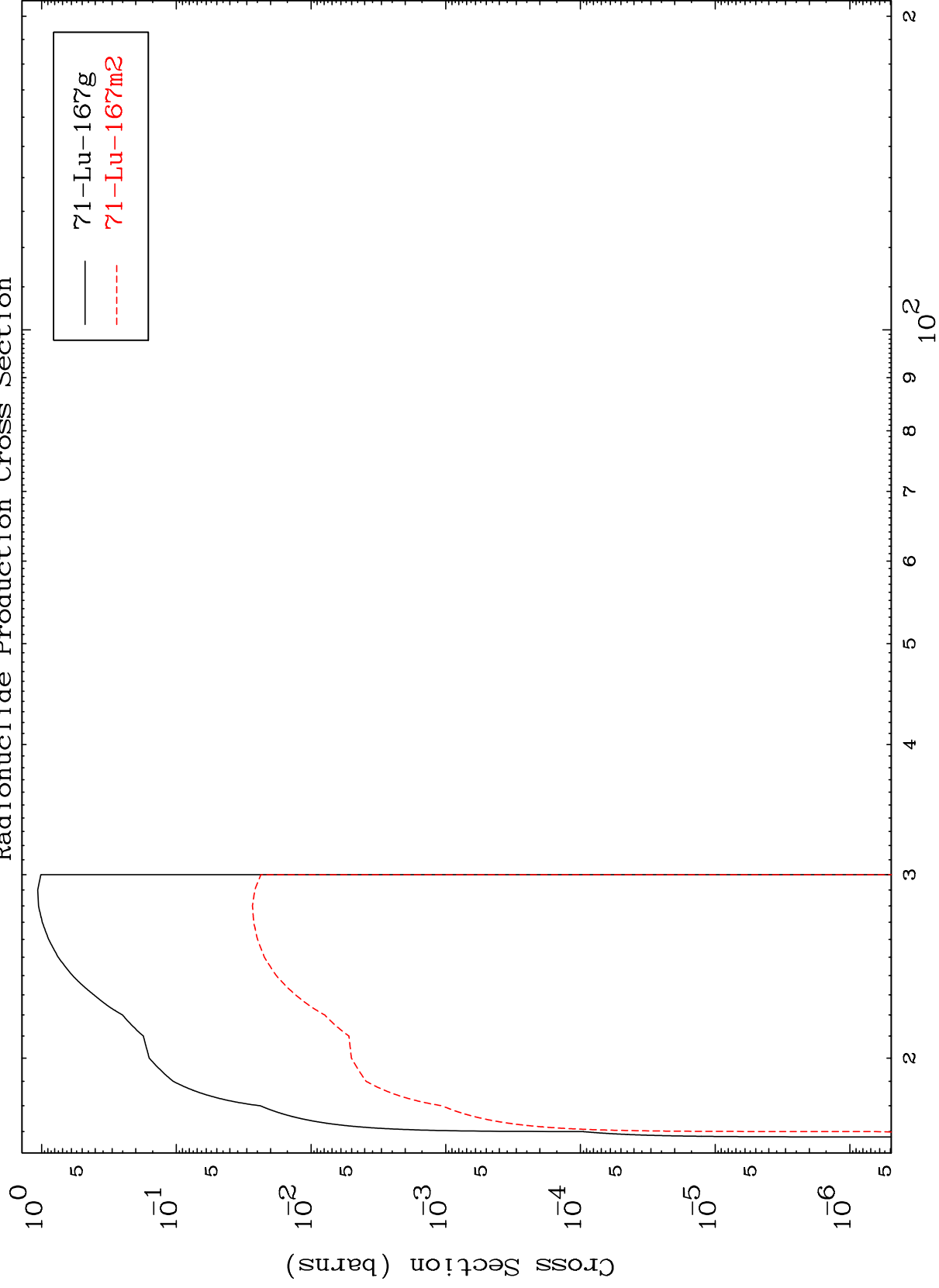
131

Incident Energy (MeV)

71-Lu-169



Radionuclide Production Cross Section

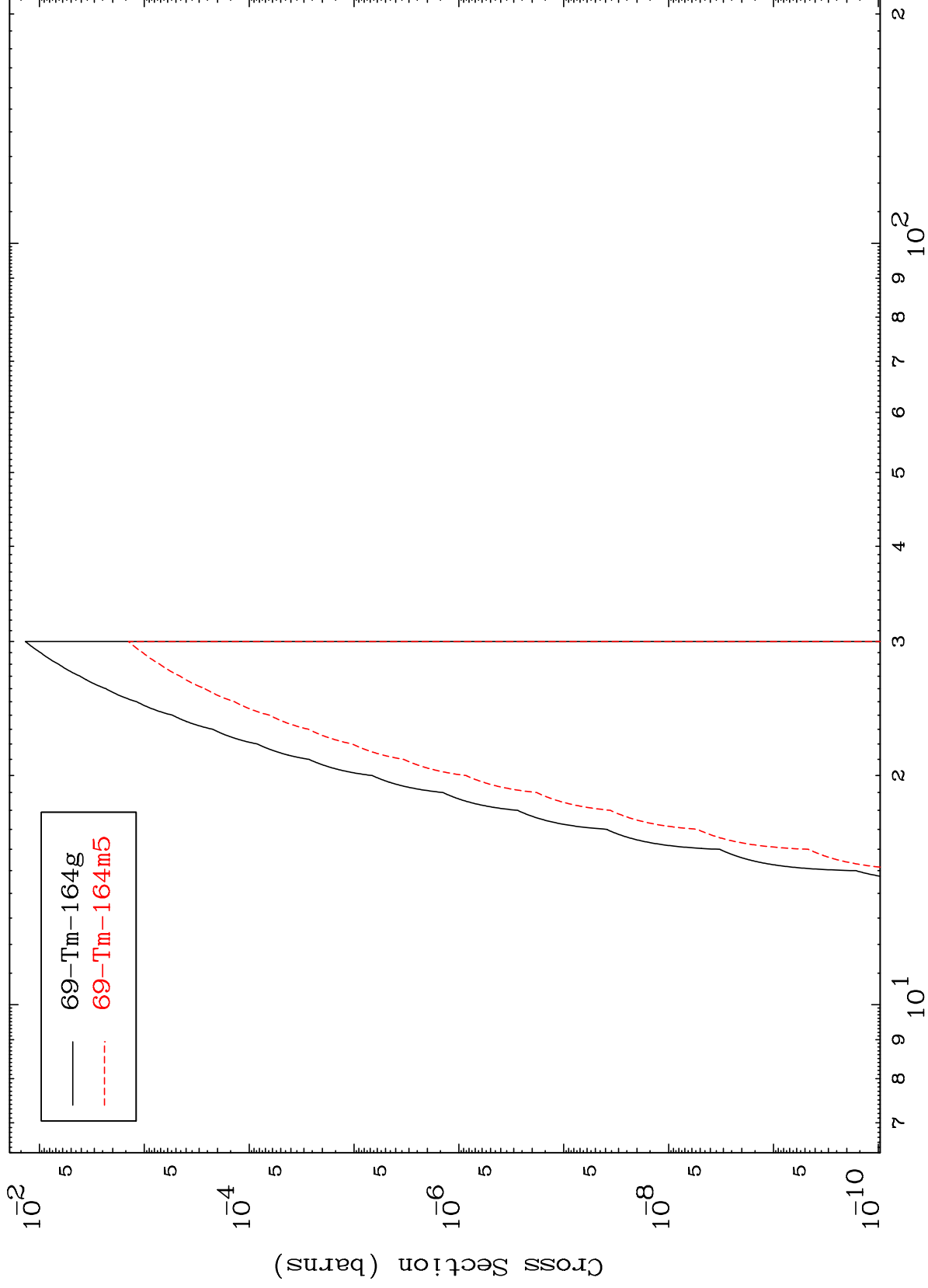


MAT 7107

$(n,2n) \alpha$

$^{71}\text{Lu-169}$

Radionuclide Production Cross Section



134

Incident Energy (MeV)

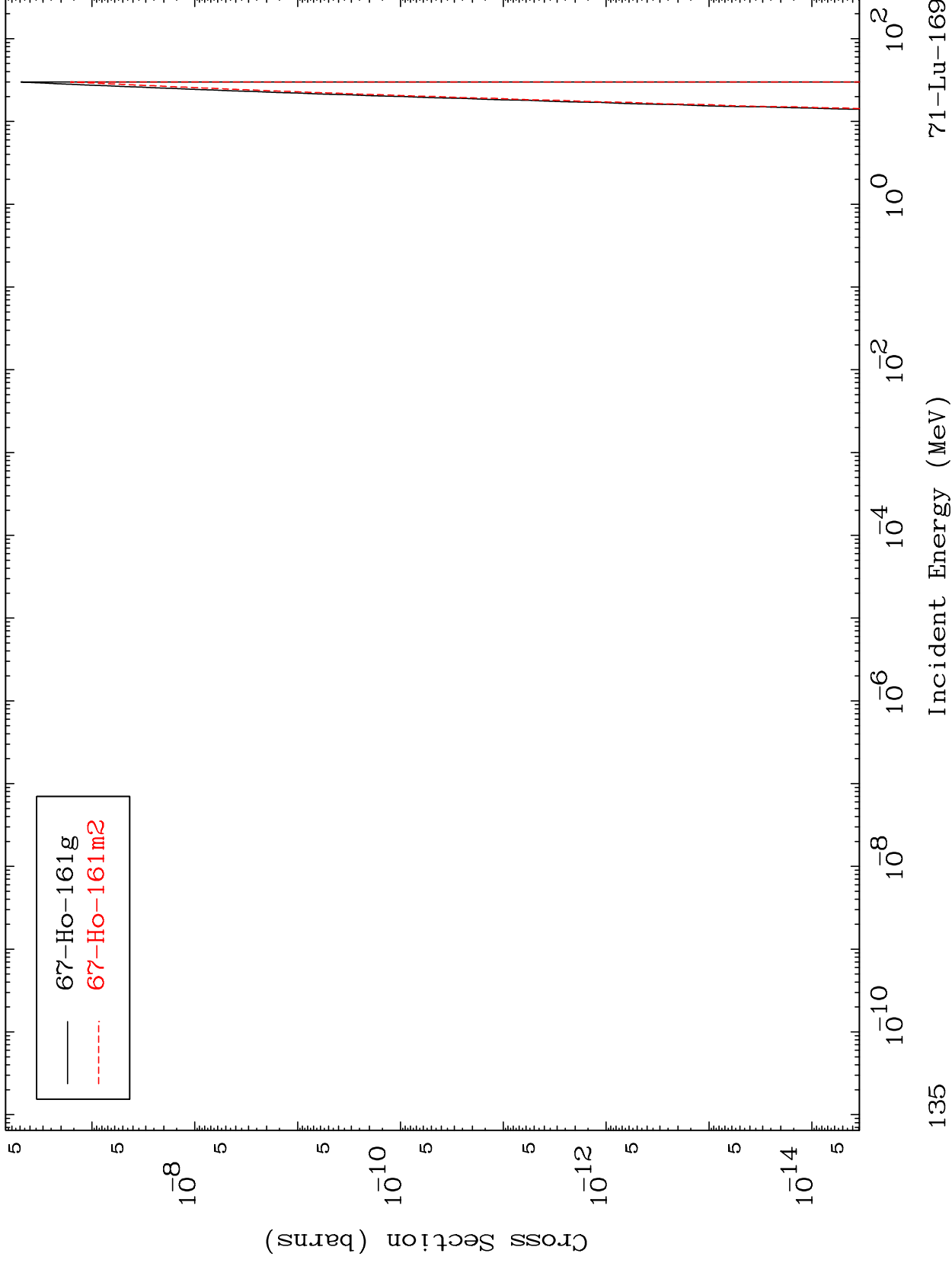
$^{71}\text{Lu-169}$

MAT 7107

(n,n') 2α

71-Lu-169

Radionuclide Production Cross Section



135

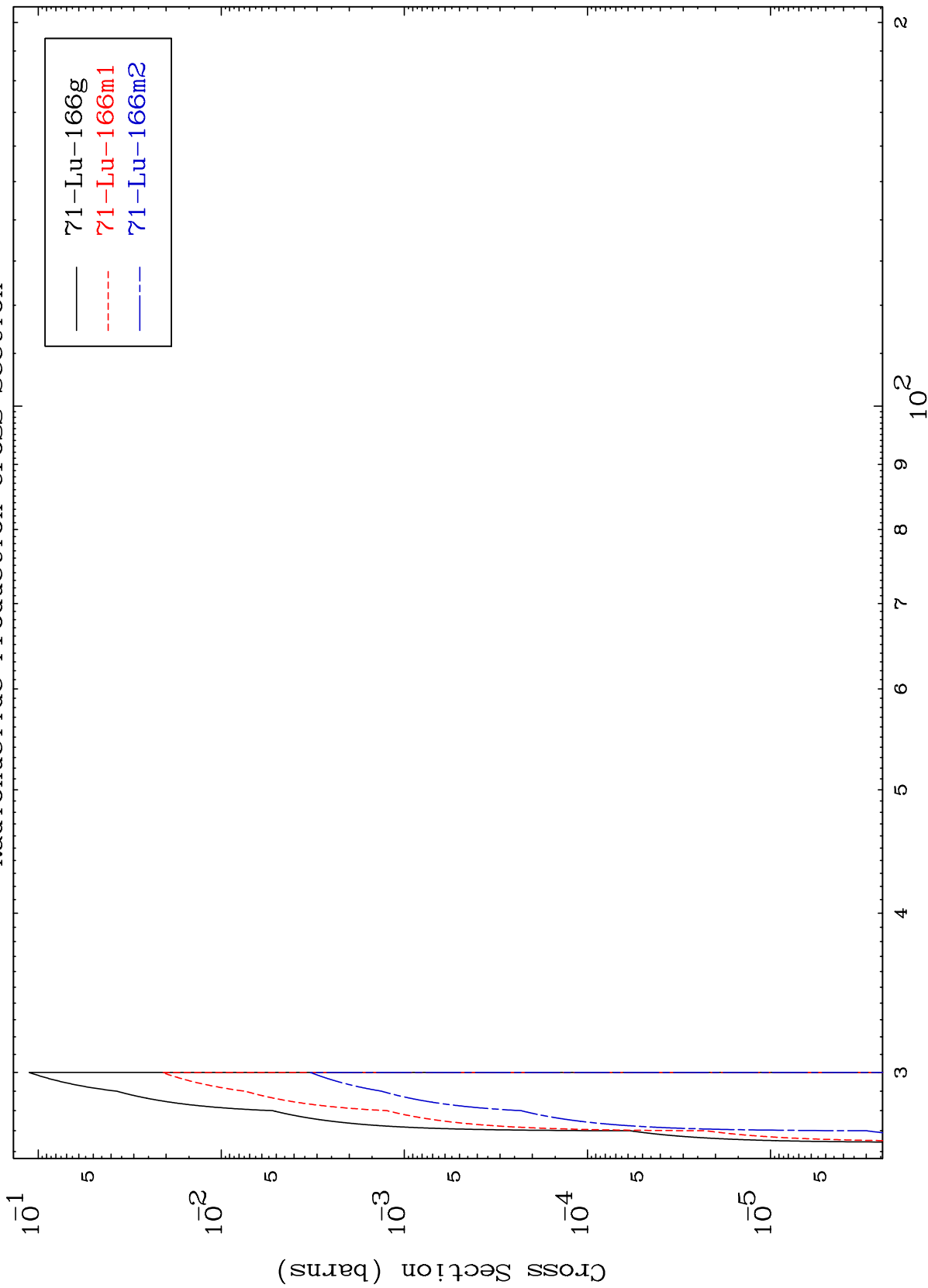
Incident Energy (MeV)

71-Lu-169

MAT 7107

71-Lu-169

(n,4n)
Radionuclide Production Cross Section



136

71-Lu-169

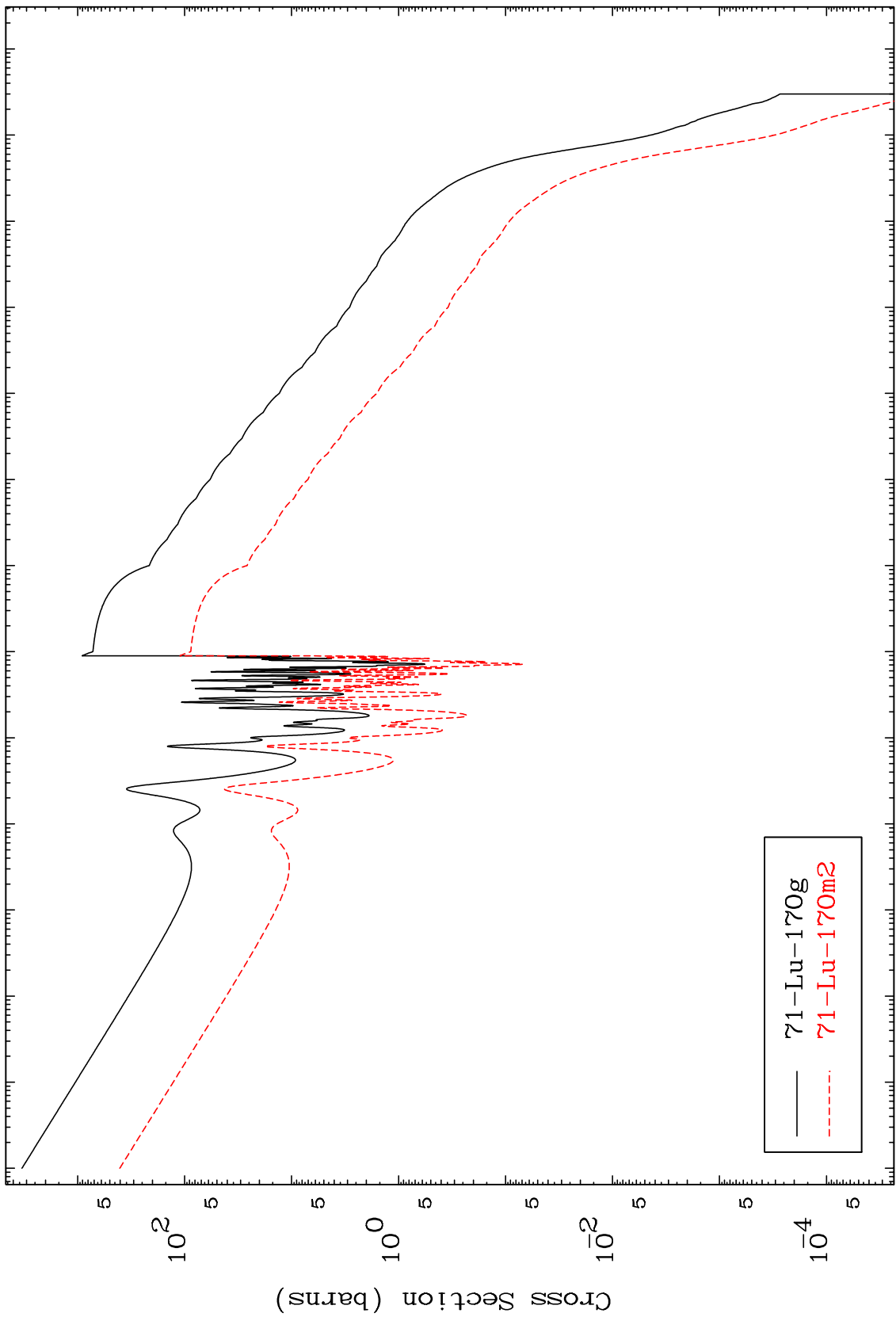
Incident Energy (MeV)

MAT 7107

⁷¹Lu-169

Radionuclide Production Cross Section

(n,γ)

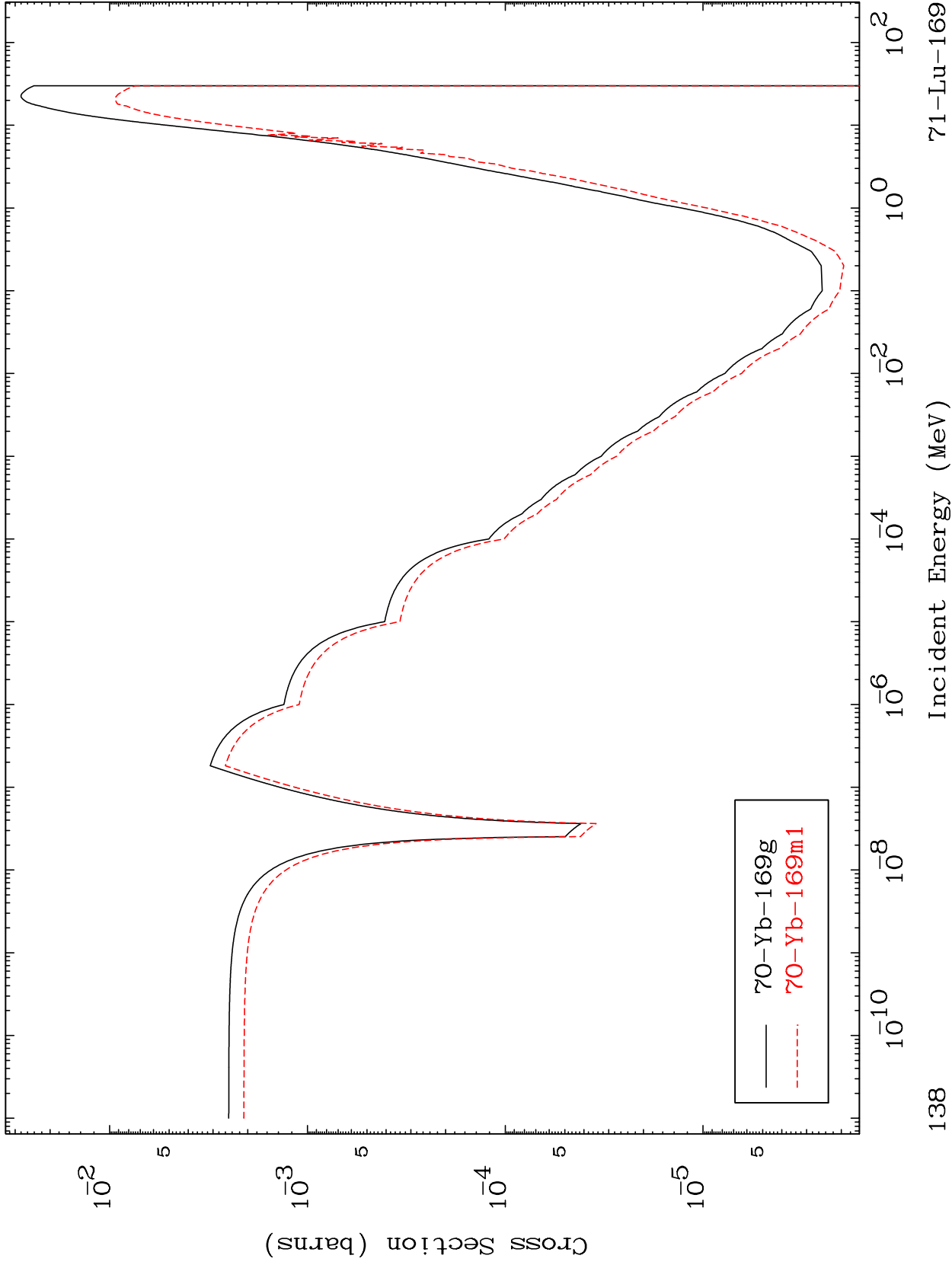


⁷¹Lu-169

Incident Energy (MeV)

137

(n,p)
Radionuclide Production Cross Section



MAT 7107

(n,2α)

71-Lu-169

Radionuclide Production Cross Section

