

Program EVALPLOT
(Version 2015-2)

by

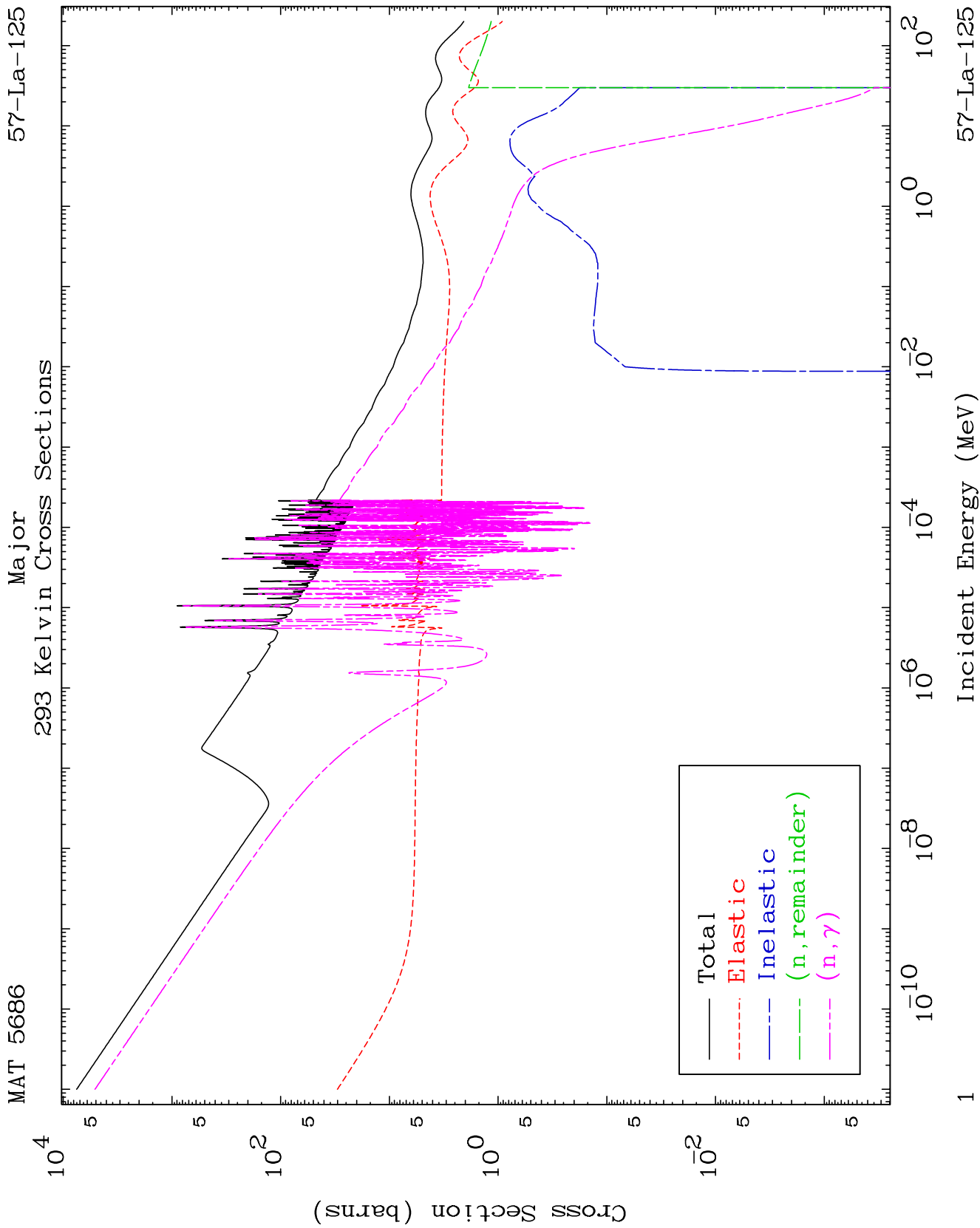
Dermott E. Cullen
(Present Contact Information)

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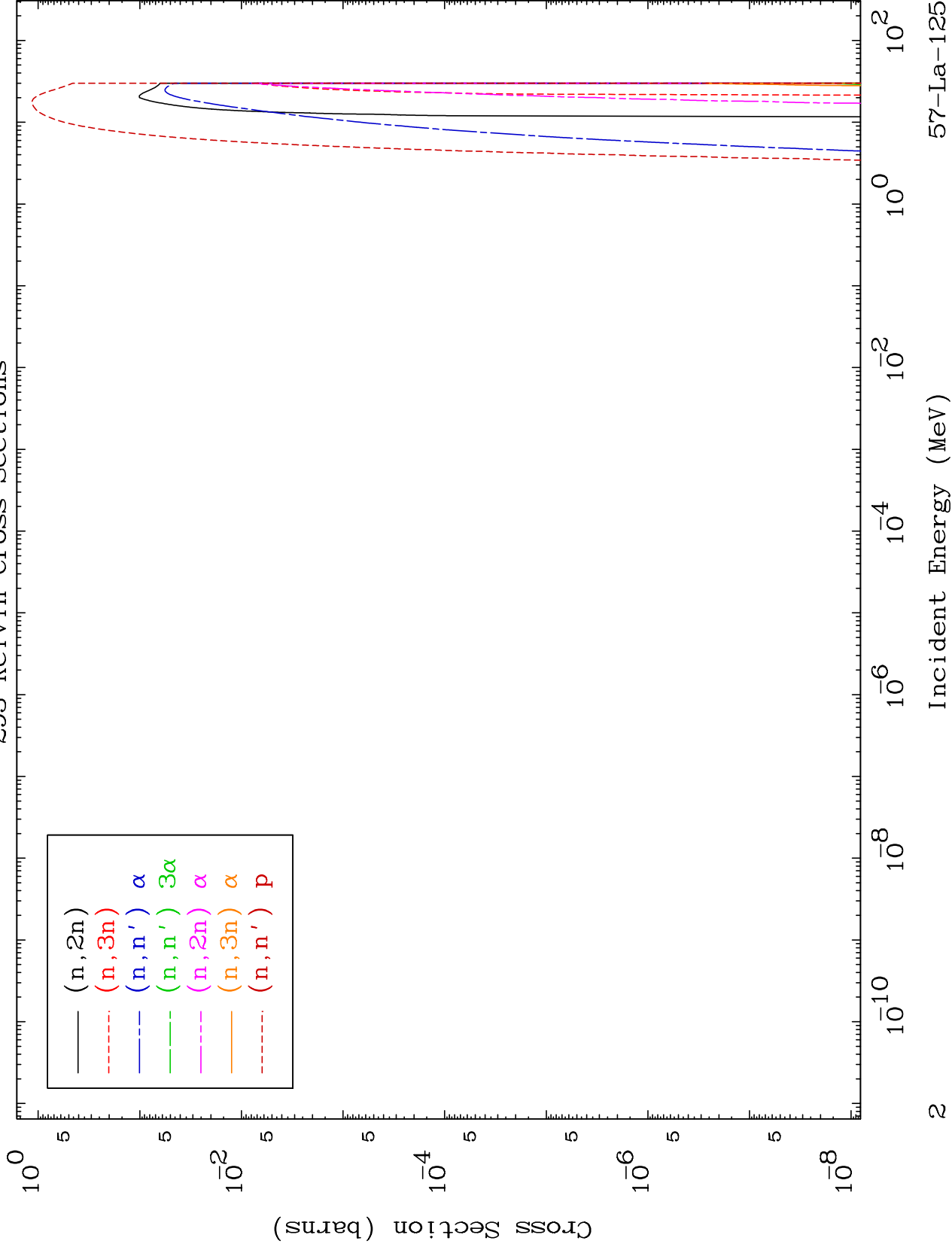
Press Mouse Button to Start



MAT 5686

Neutron Production
293 Kelvin Cross Sections

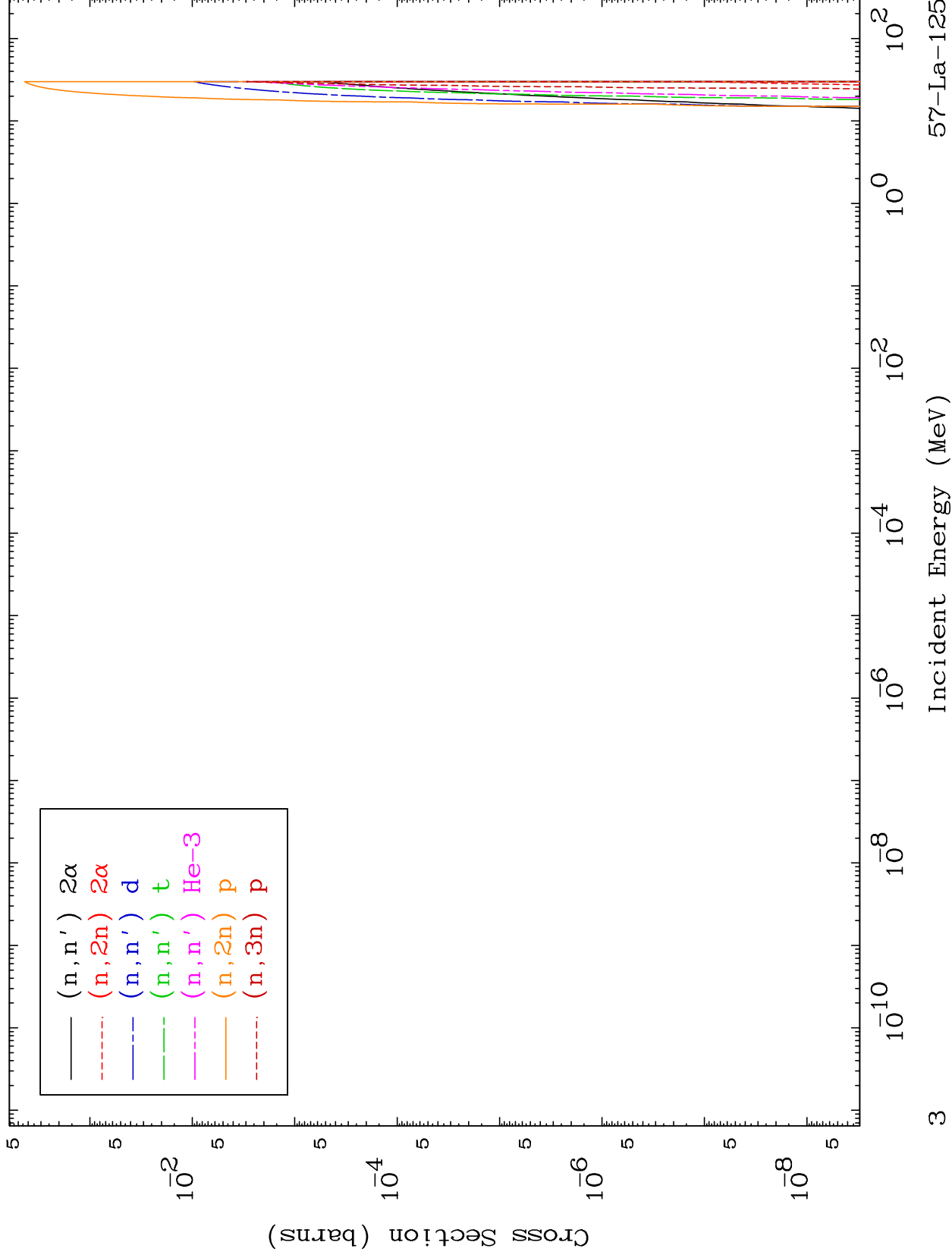
57-La-125



MAT 5686

Neutron Production
293 Kelvin Cross Sections

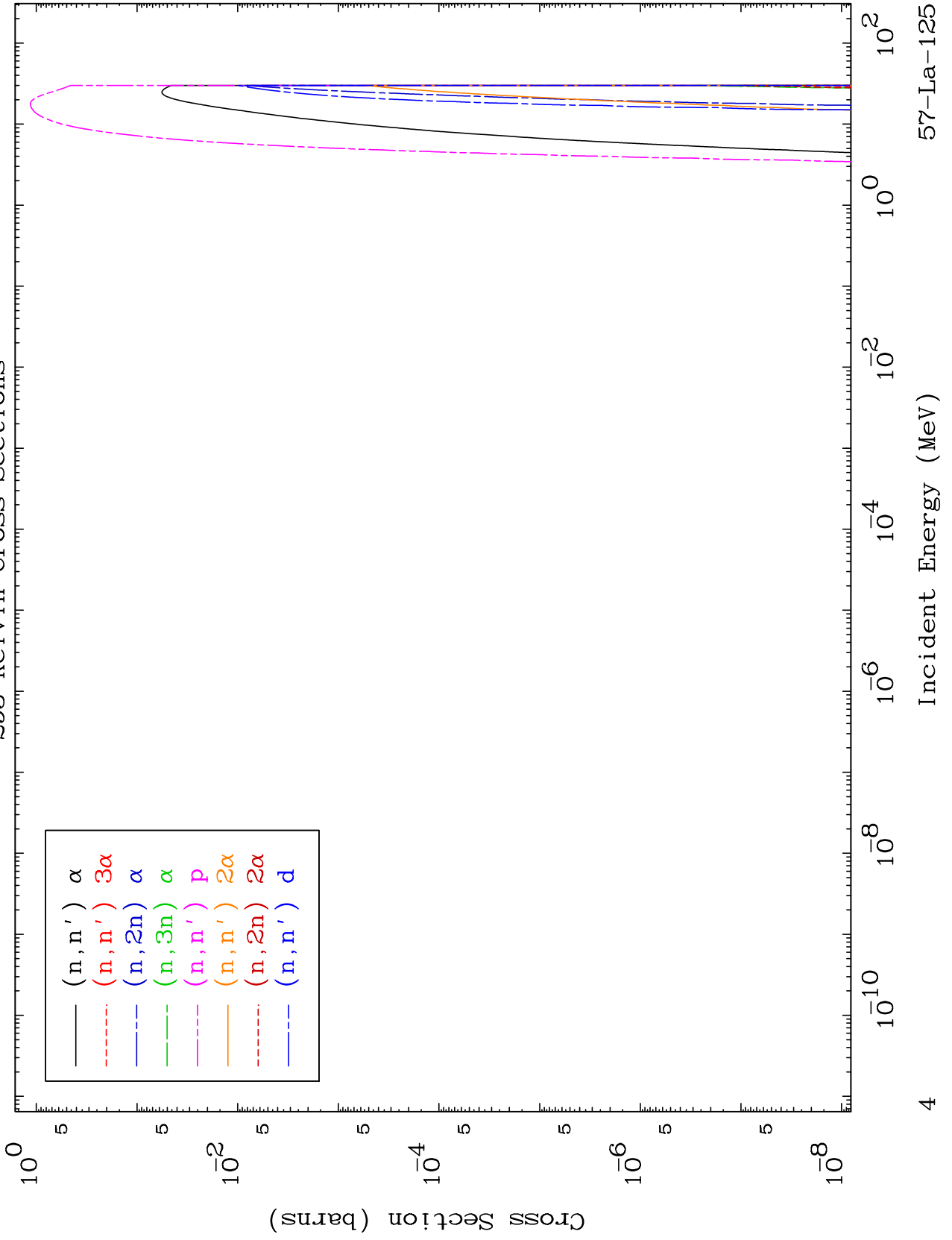
57-La-125



MAT 5686

Charged Particle
293 Kelvin Cross Sections

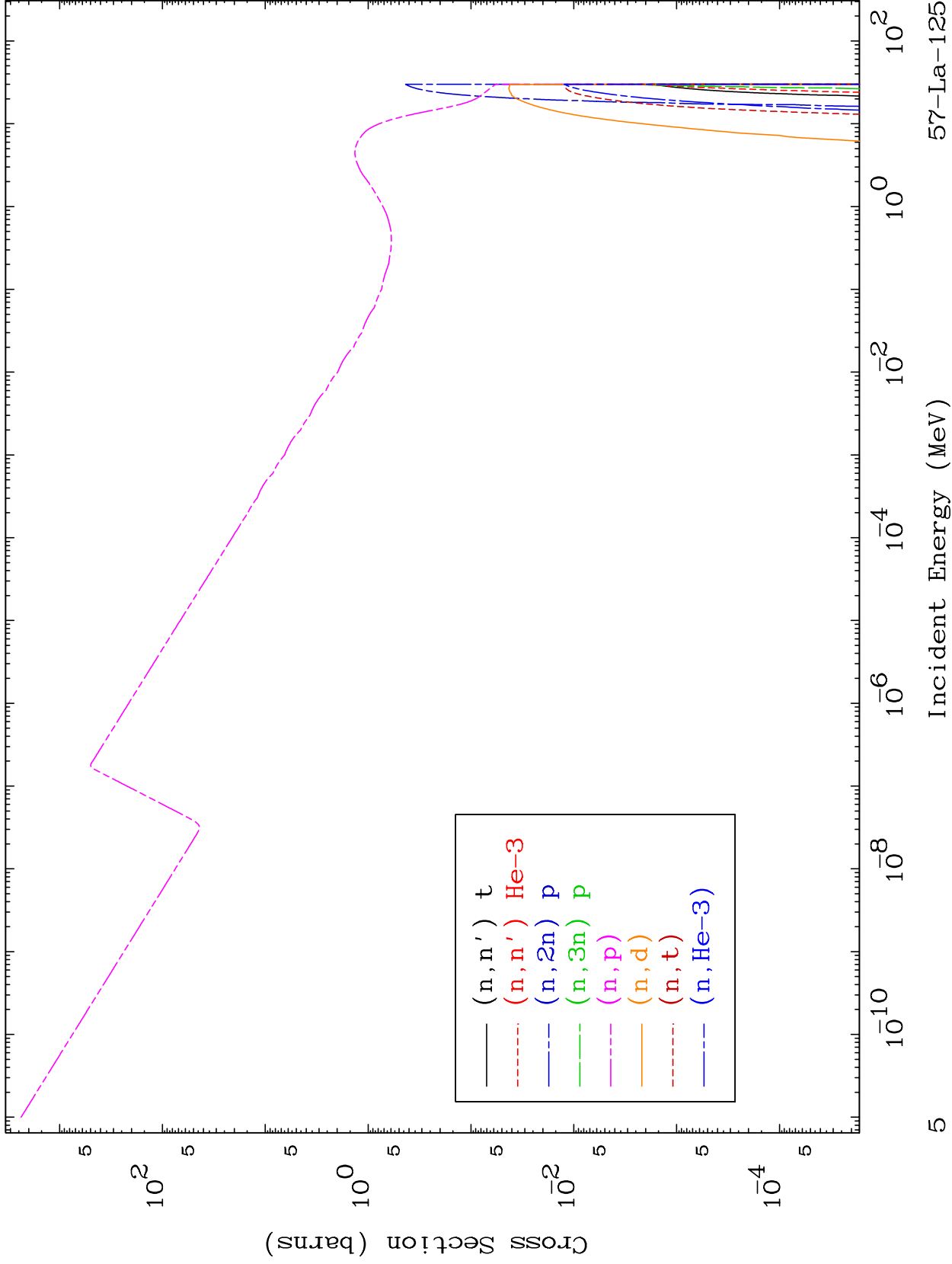
57-La-125



MAT 5686

Charged Particle
293 Kelvin Cross Sections

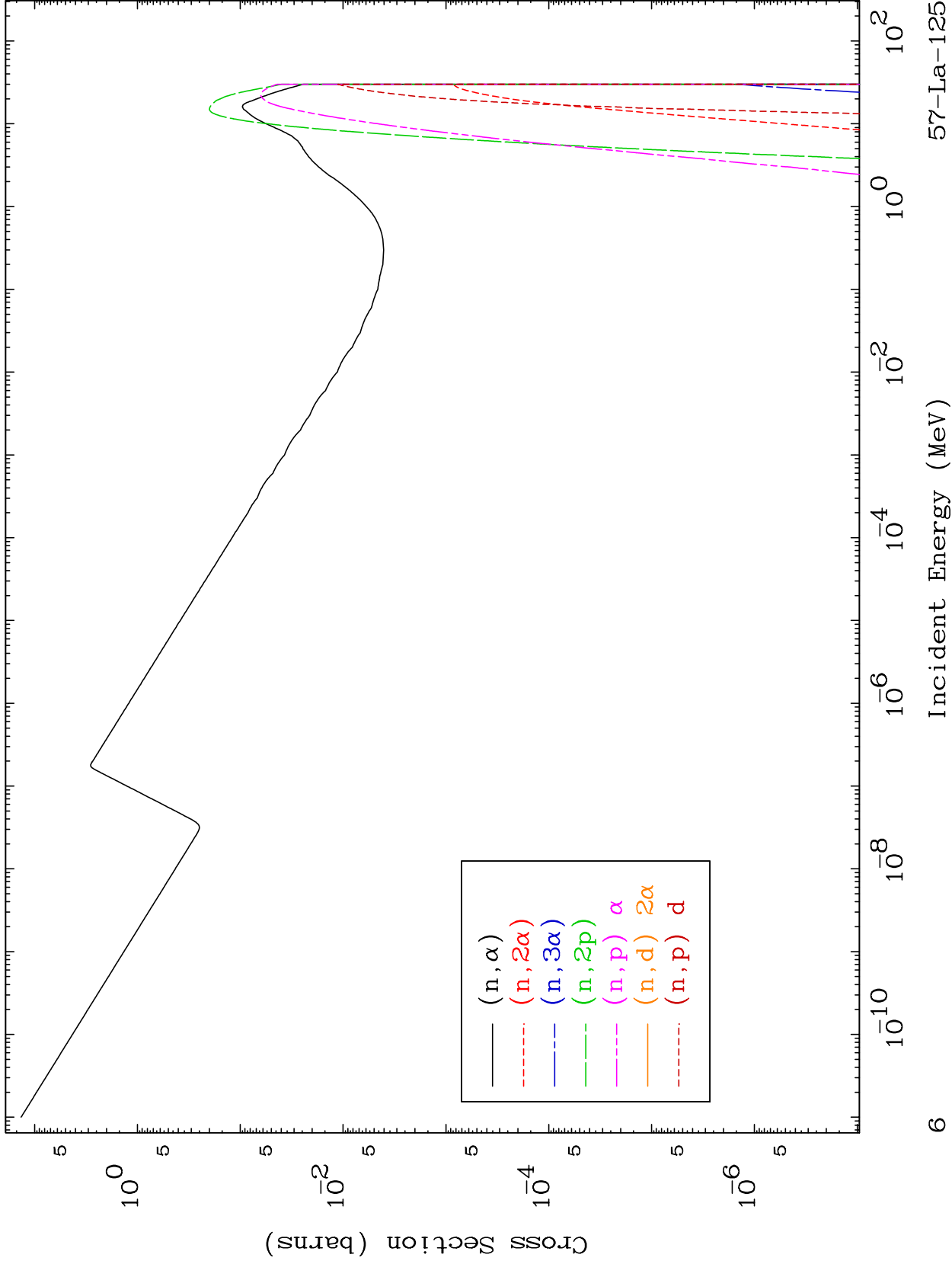
57-La-125



MAT 5686

Charged Particle
293 Kelvin Cross Sections

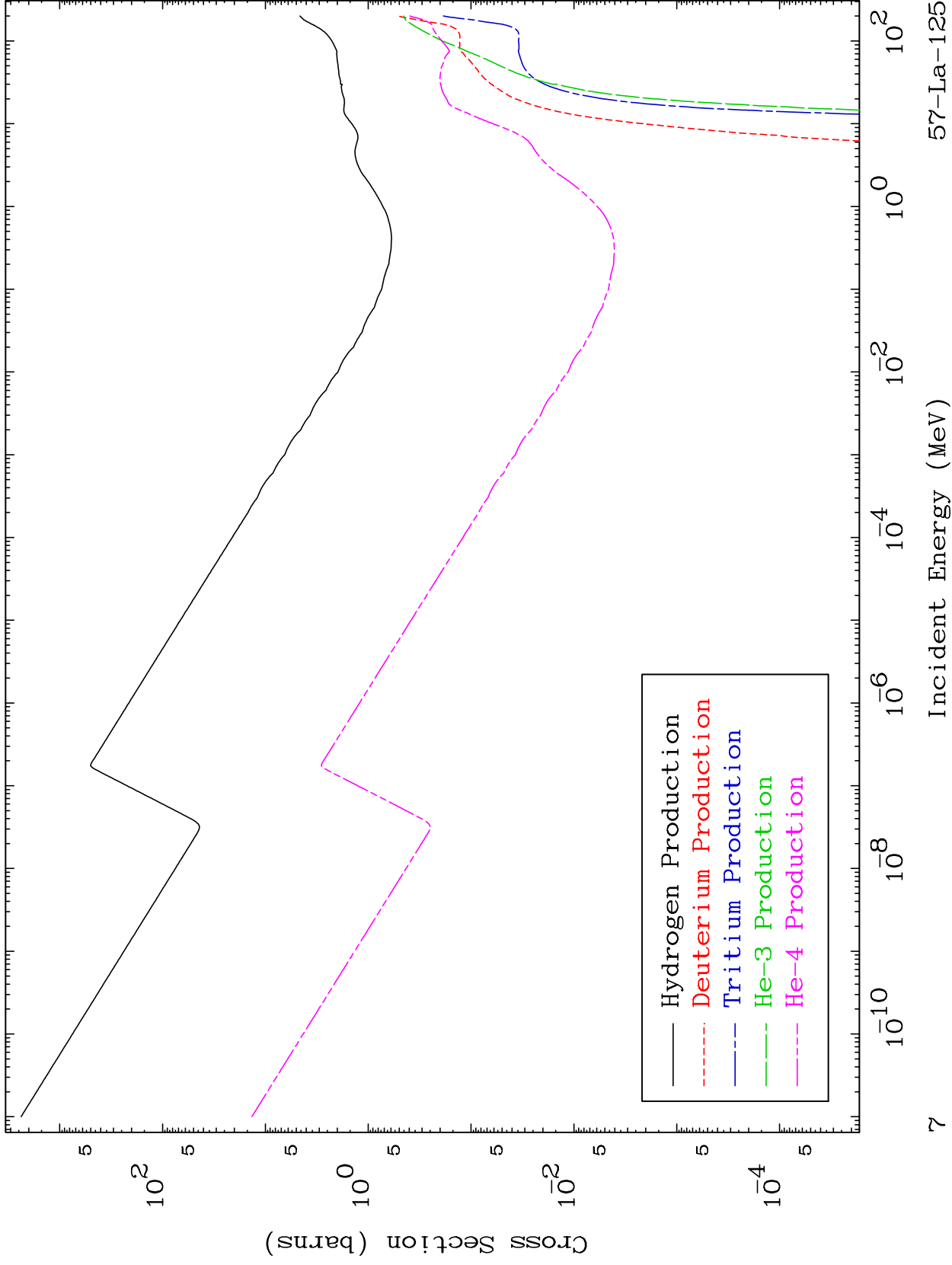
57-La-125



MAT 5686

Particle Production
293 Kelvin Cross Sections

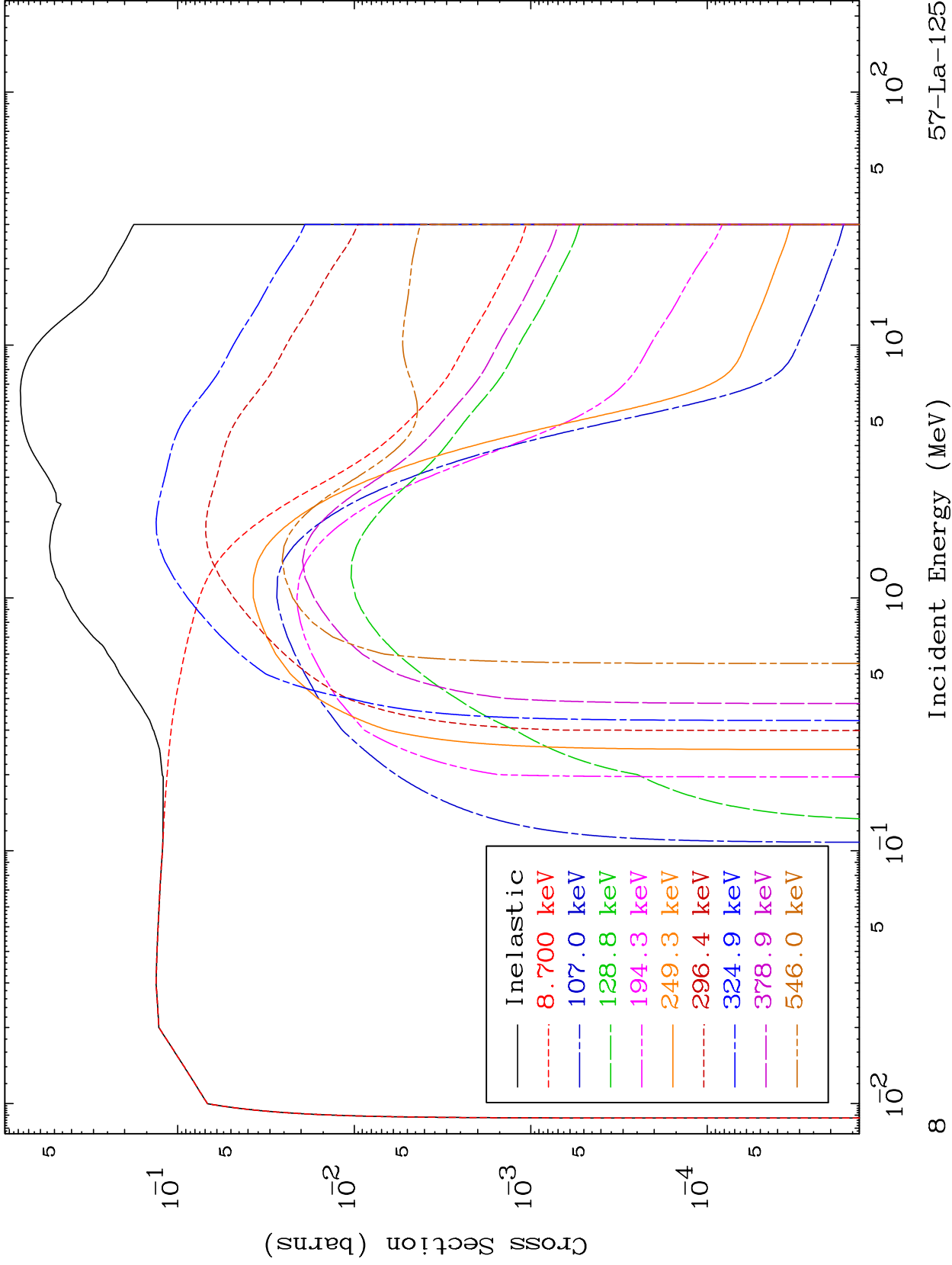
57-La-125



MAT 5686

(n,n') Level
293 Kelvin Cross Sections

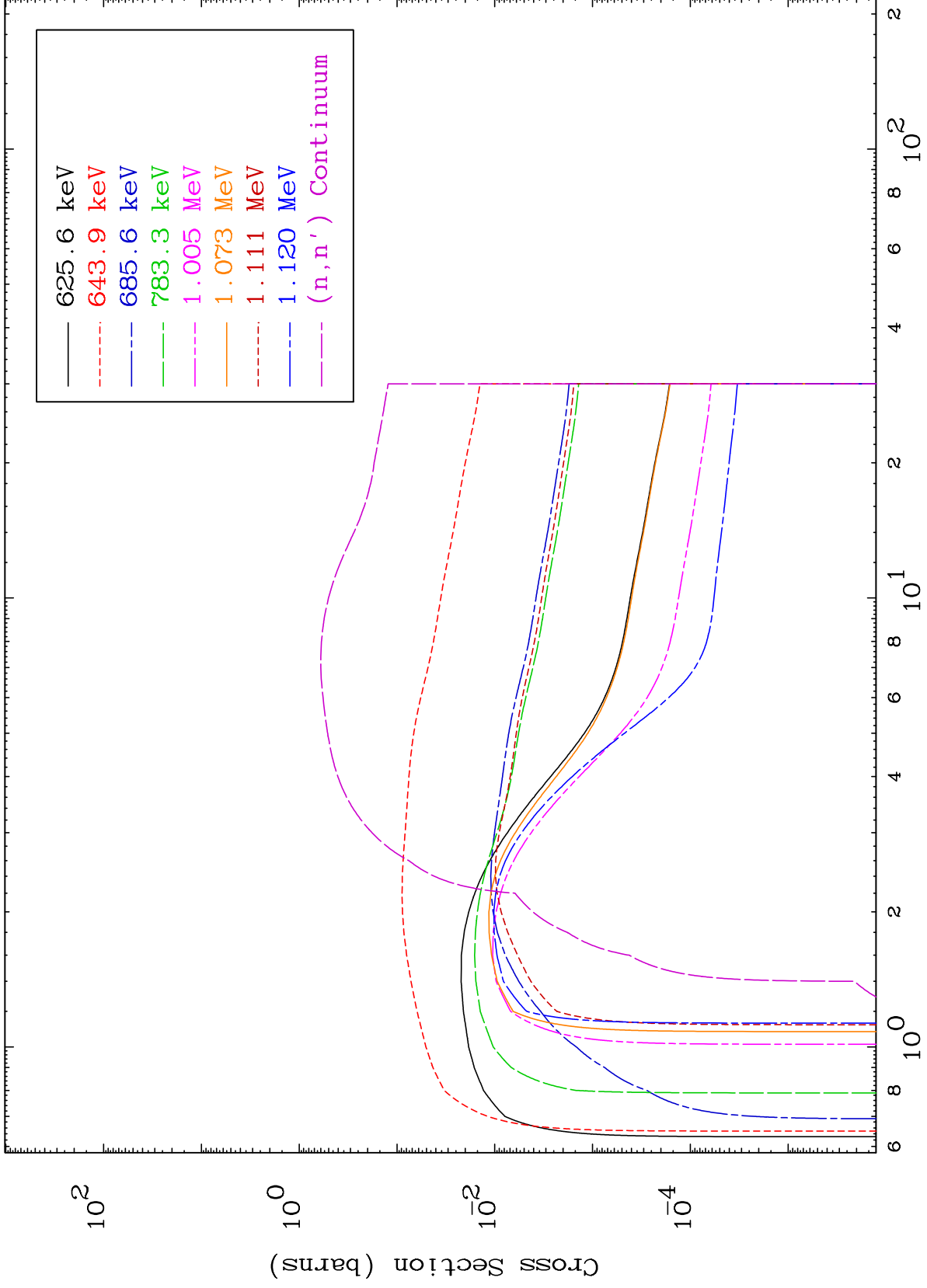
57-La-125



MAT 5686

(n,n') Level
293 Kelvin Cross Sections

57-La-125



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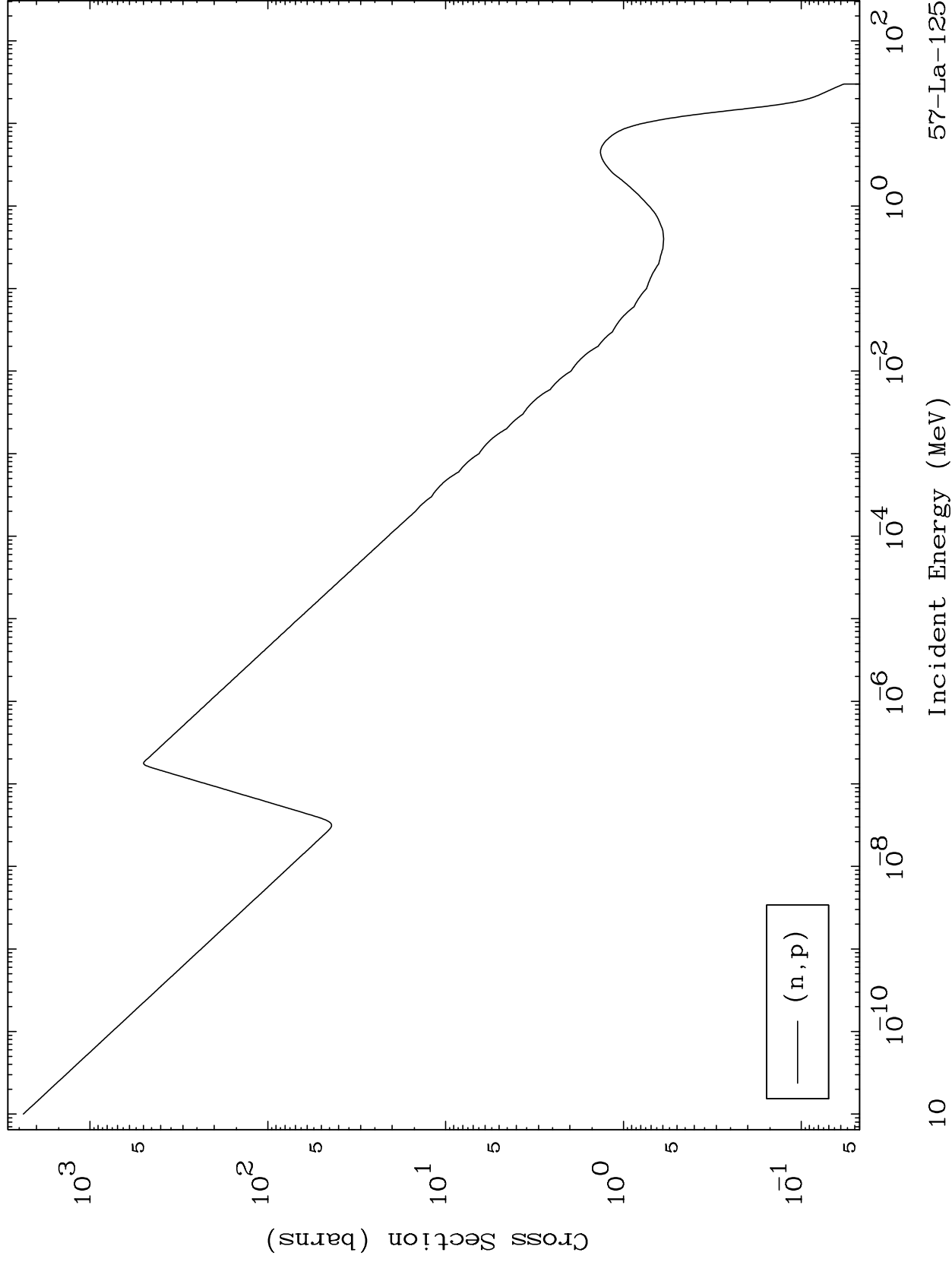
Incident Energy (MeV)

57-La-125

MAT 5686

(n,p) Levels
293 Kelvin Cross Sections

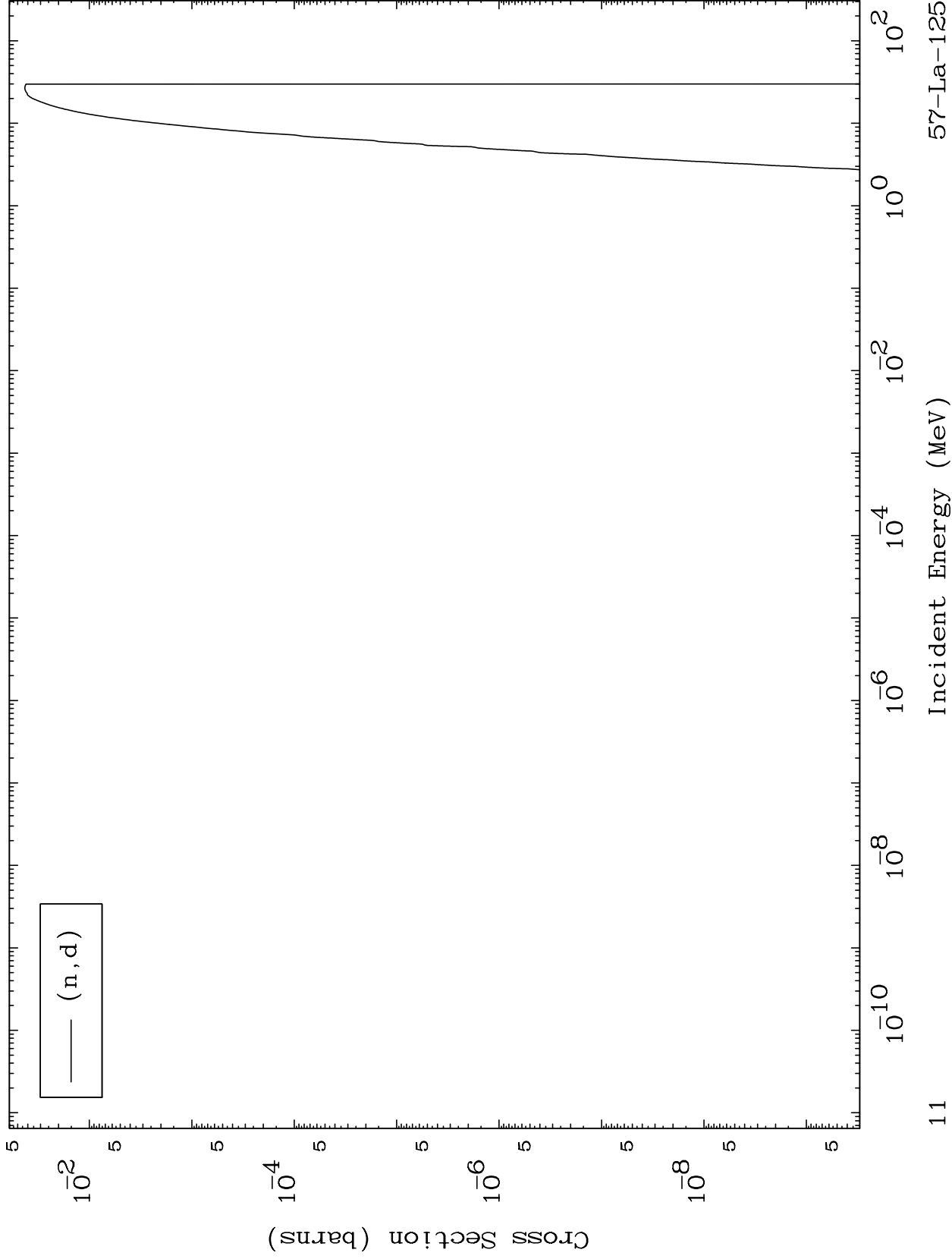
57-La-125



MAT 5686

(n,d) Levels
293 Kelvin Cross Sections

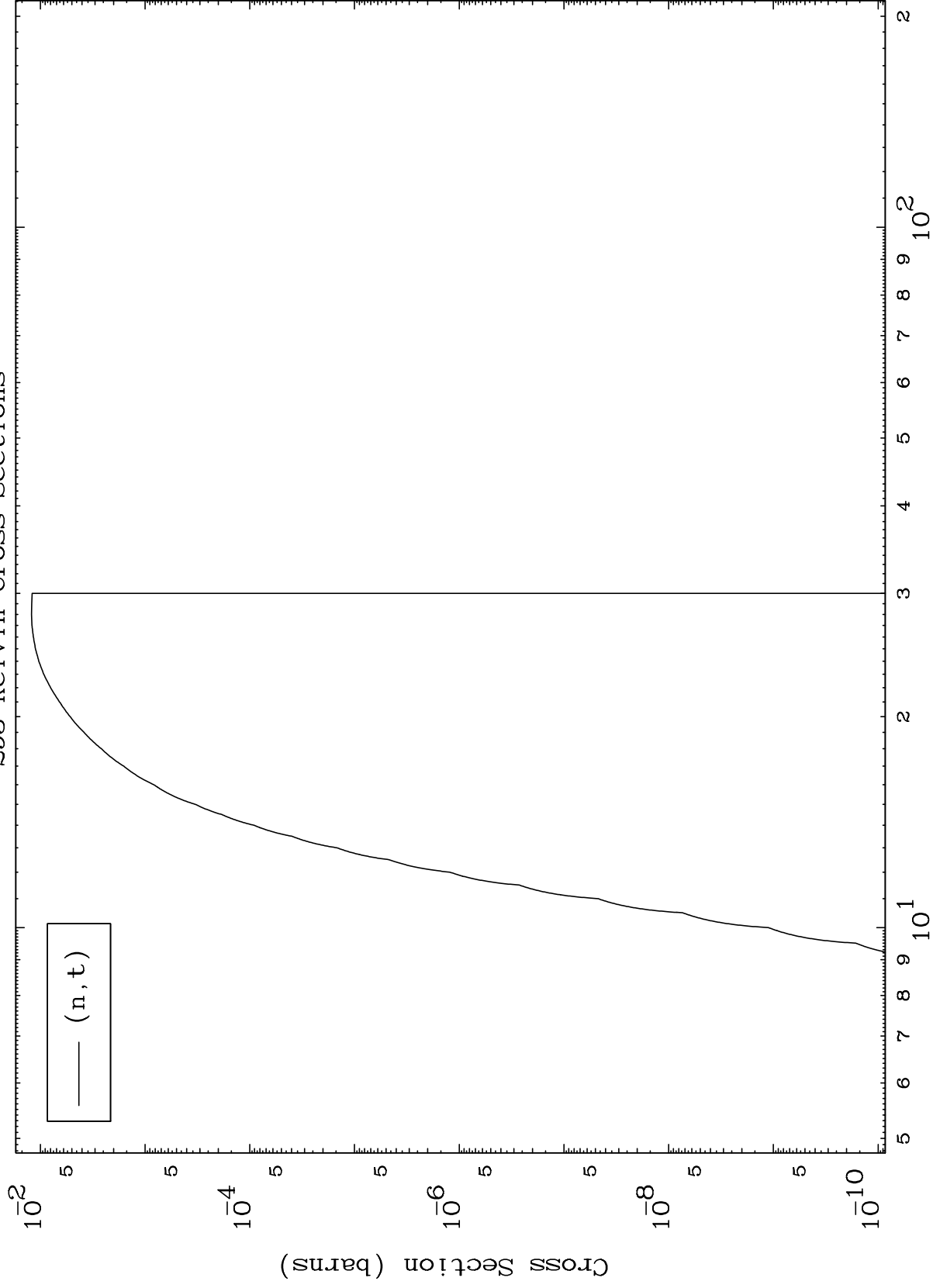
57-La-125



MAT 5686

(n,t) Levels
293 Kelvin Cross Sections

57-La-125



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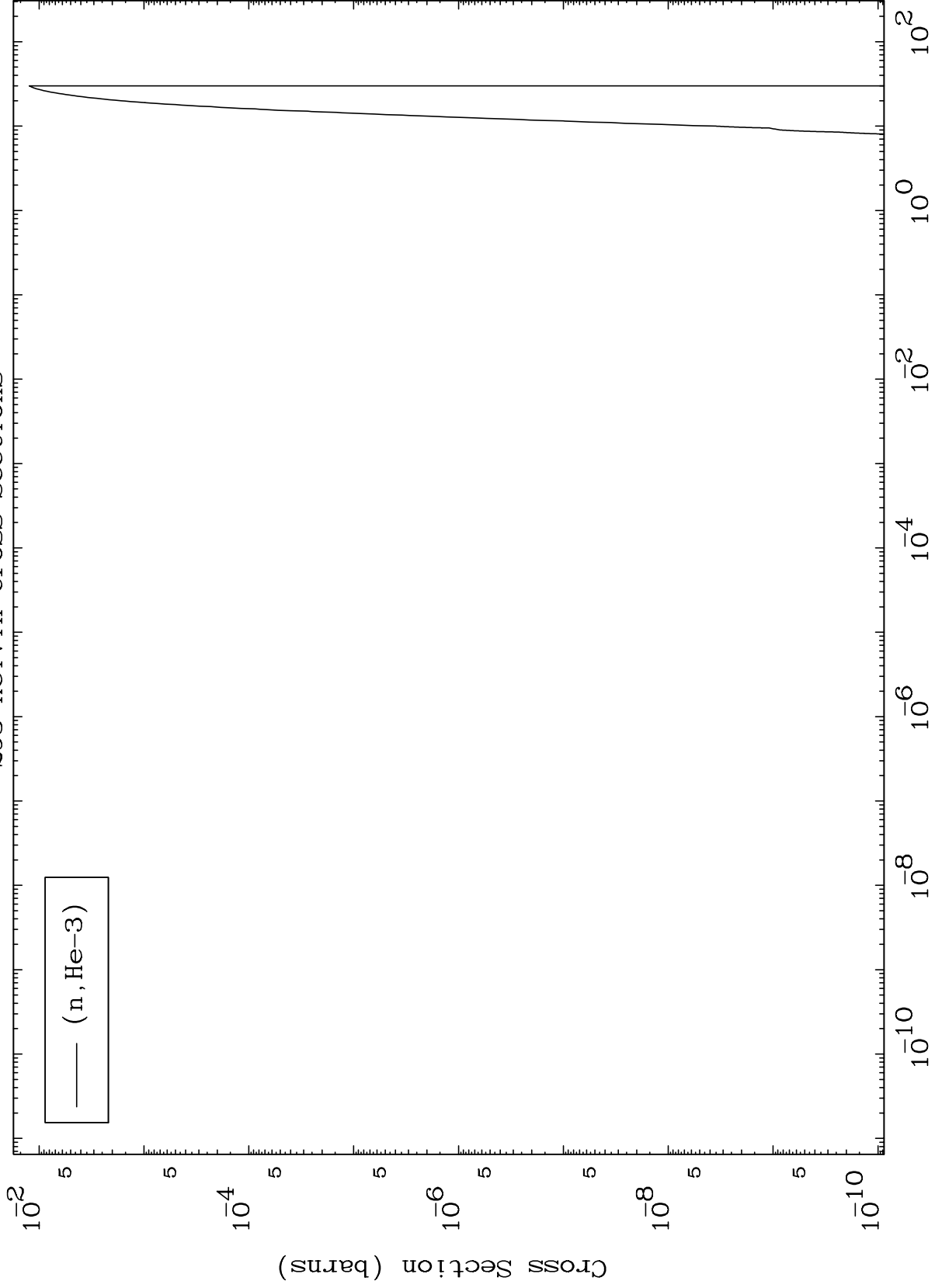
Incident Energy (MeV)

57-La-125

MAT 5686

(n,He3) Levels
293 Kelvin Cross Sections

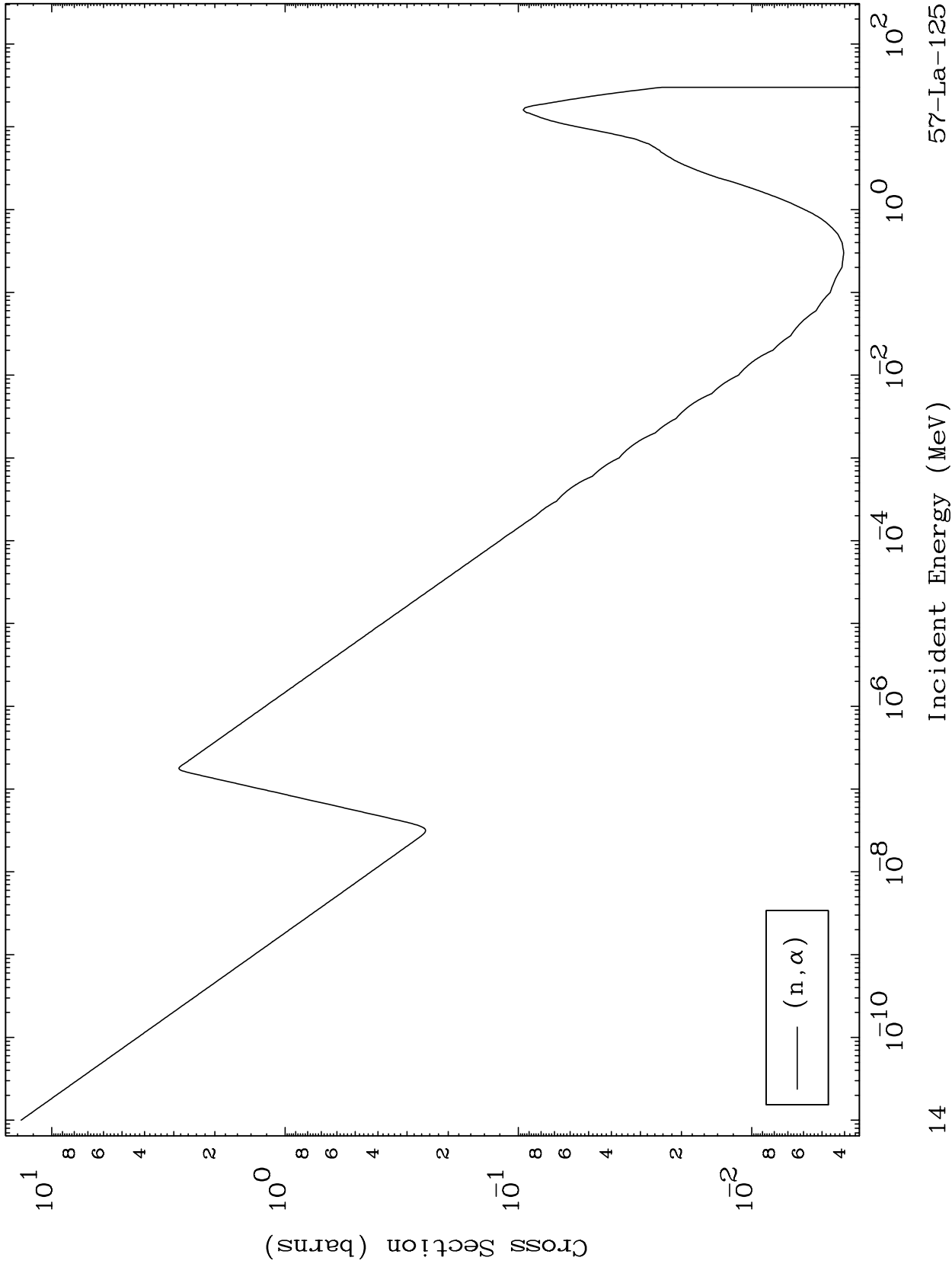
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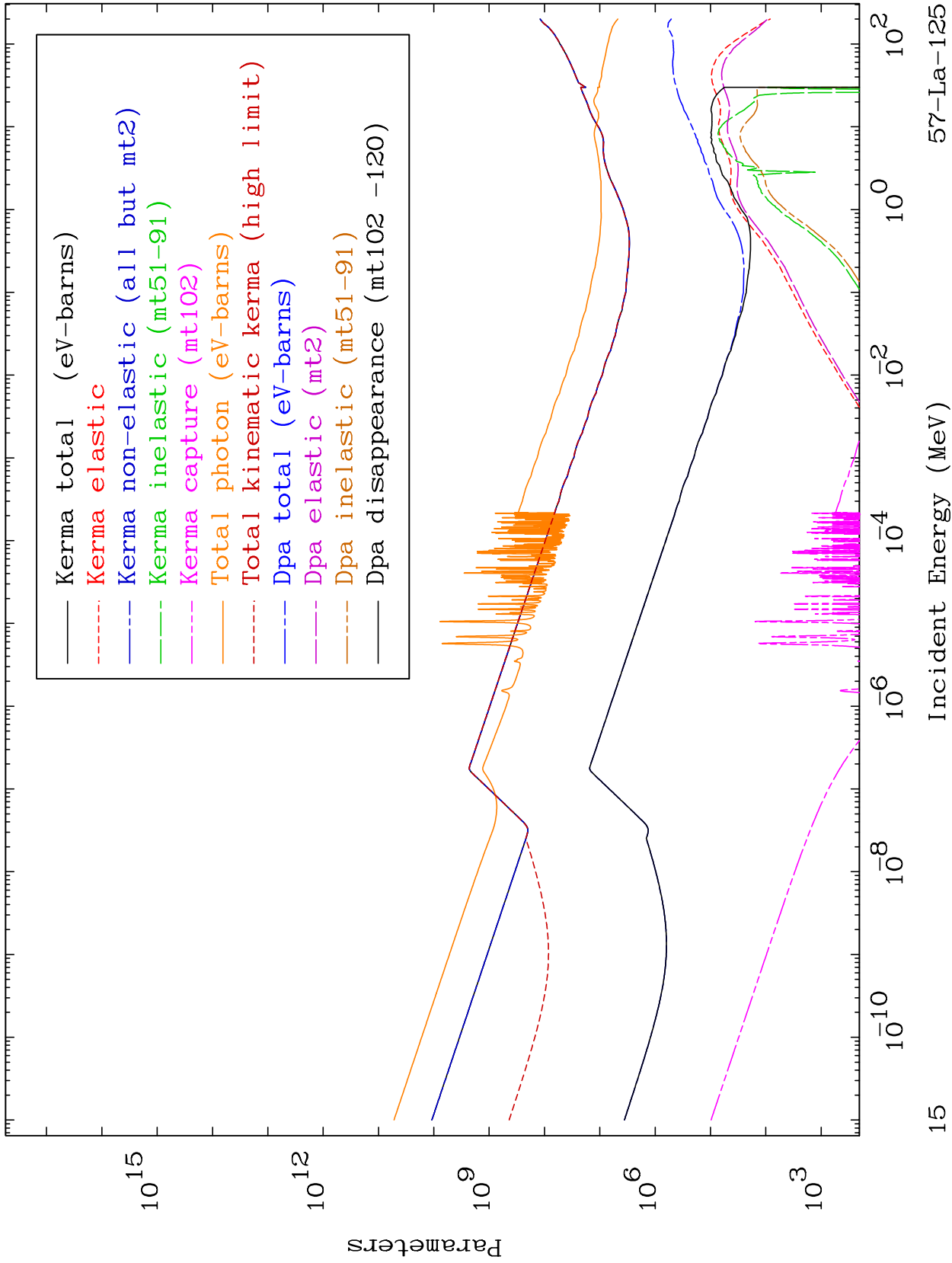


MAT 5686

(n,α) Levels
293 Kelvin Cross Sections

57-La-125

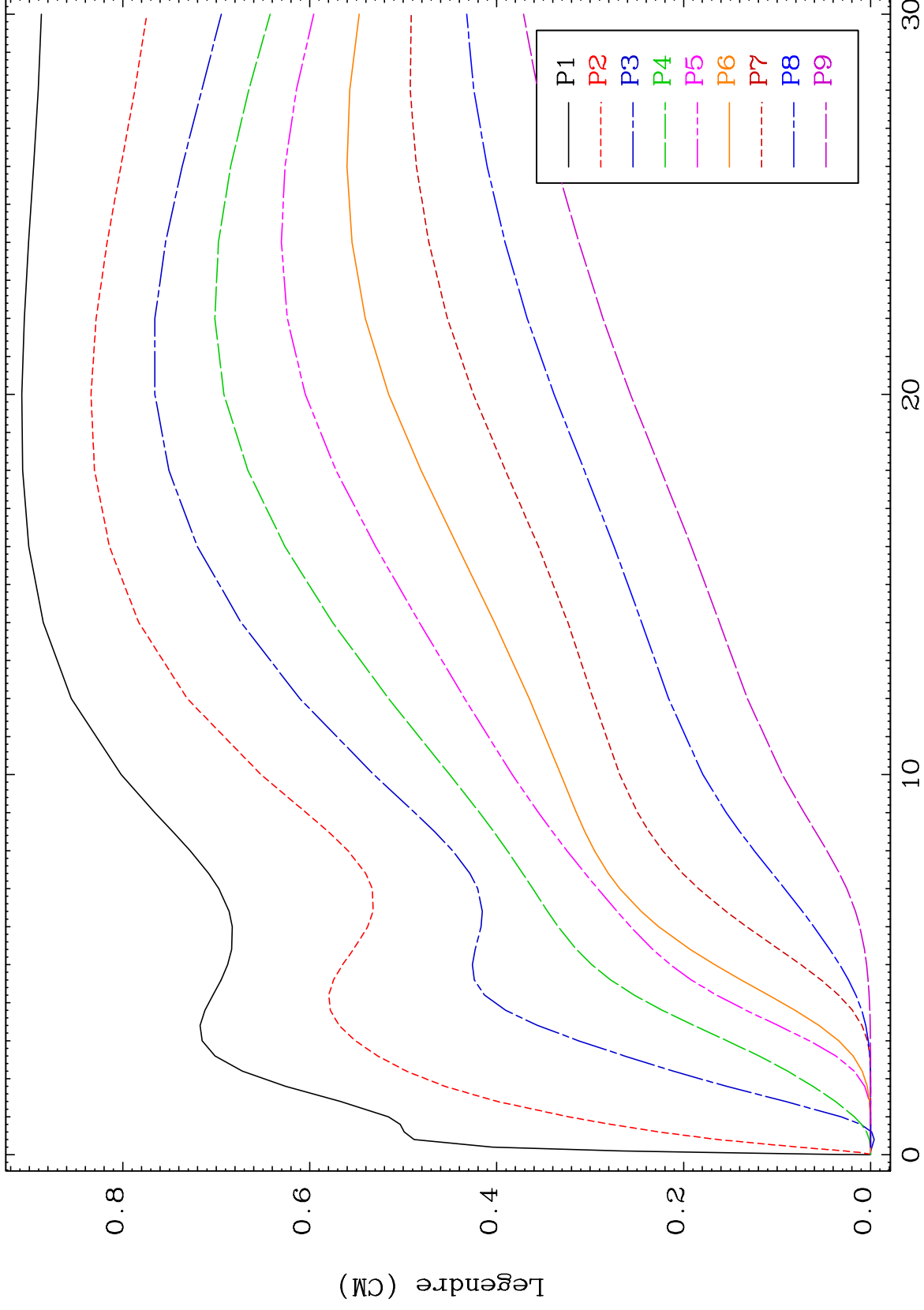




MAT 5686

Elastic Legendre Coefficients

57-La-125



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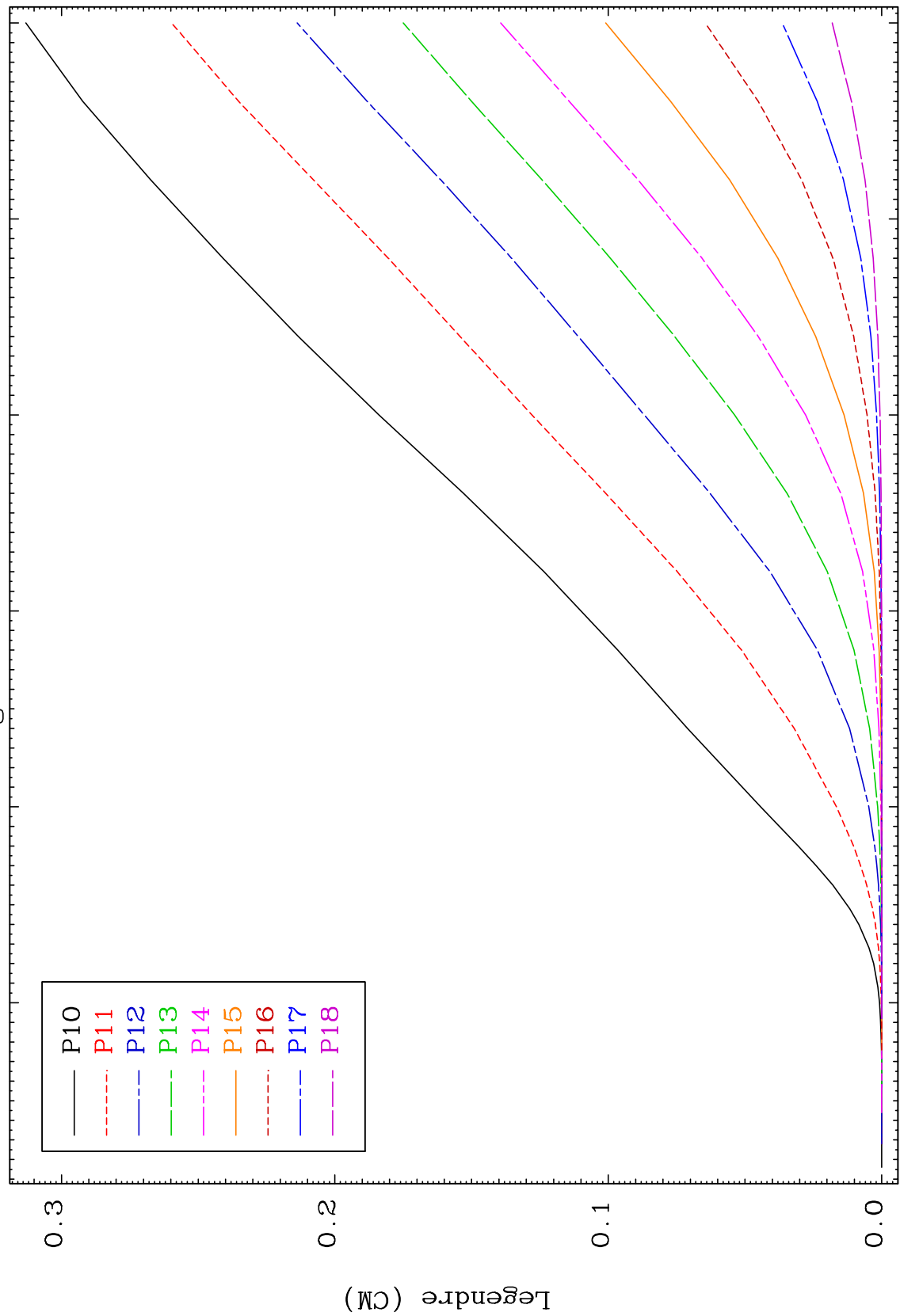
Incident Energy (MeV)

57-La-125

MAT 5686

Elastic Legendre Coefficients

57-La-125



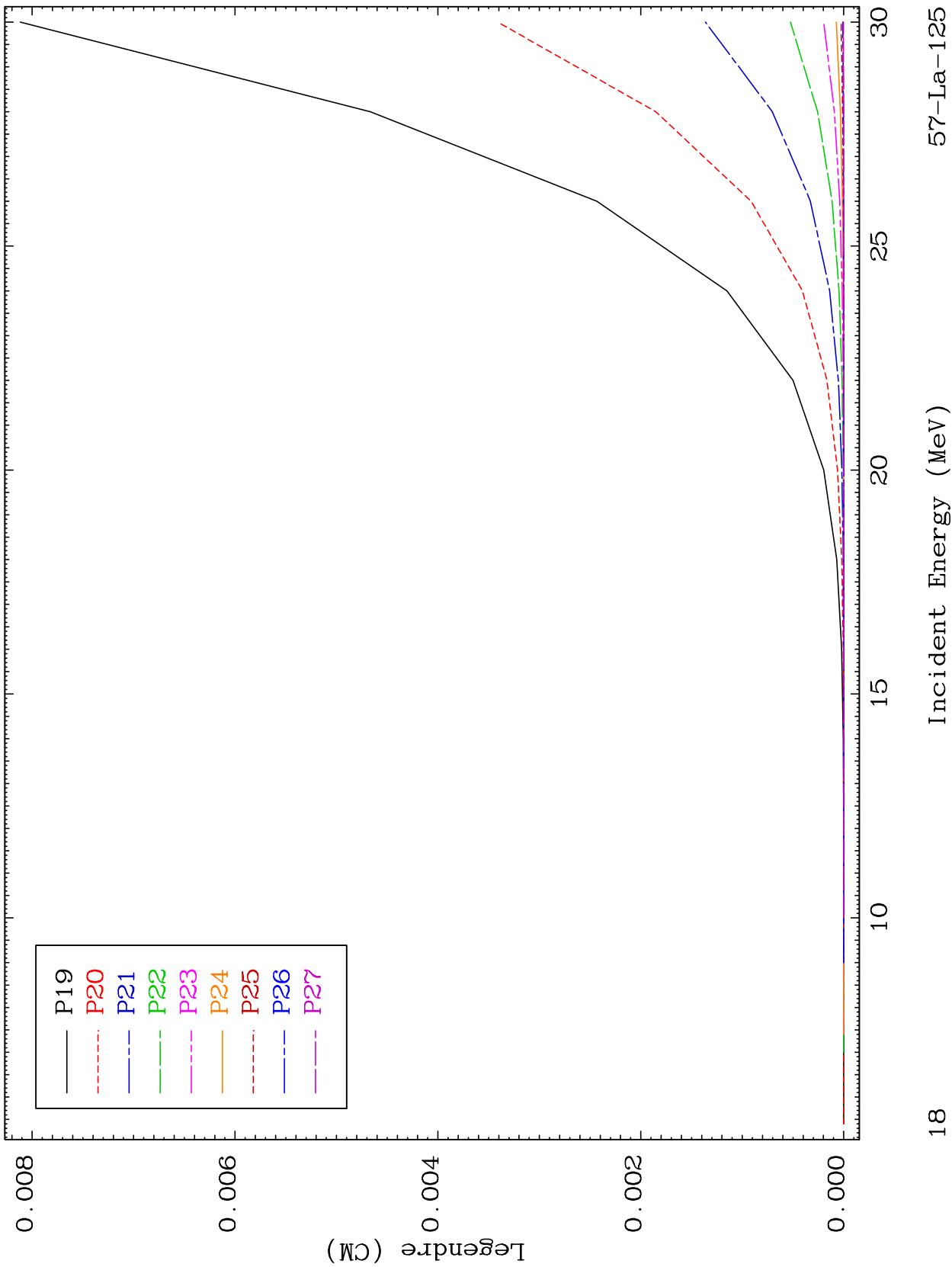
17

57-La-125

MAT 5686

Elastic Legendre Coefficients

57-La-125



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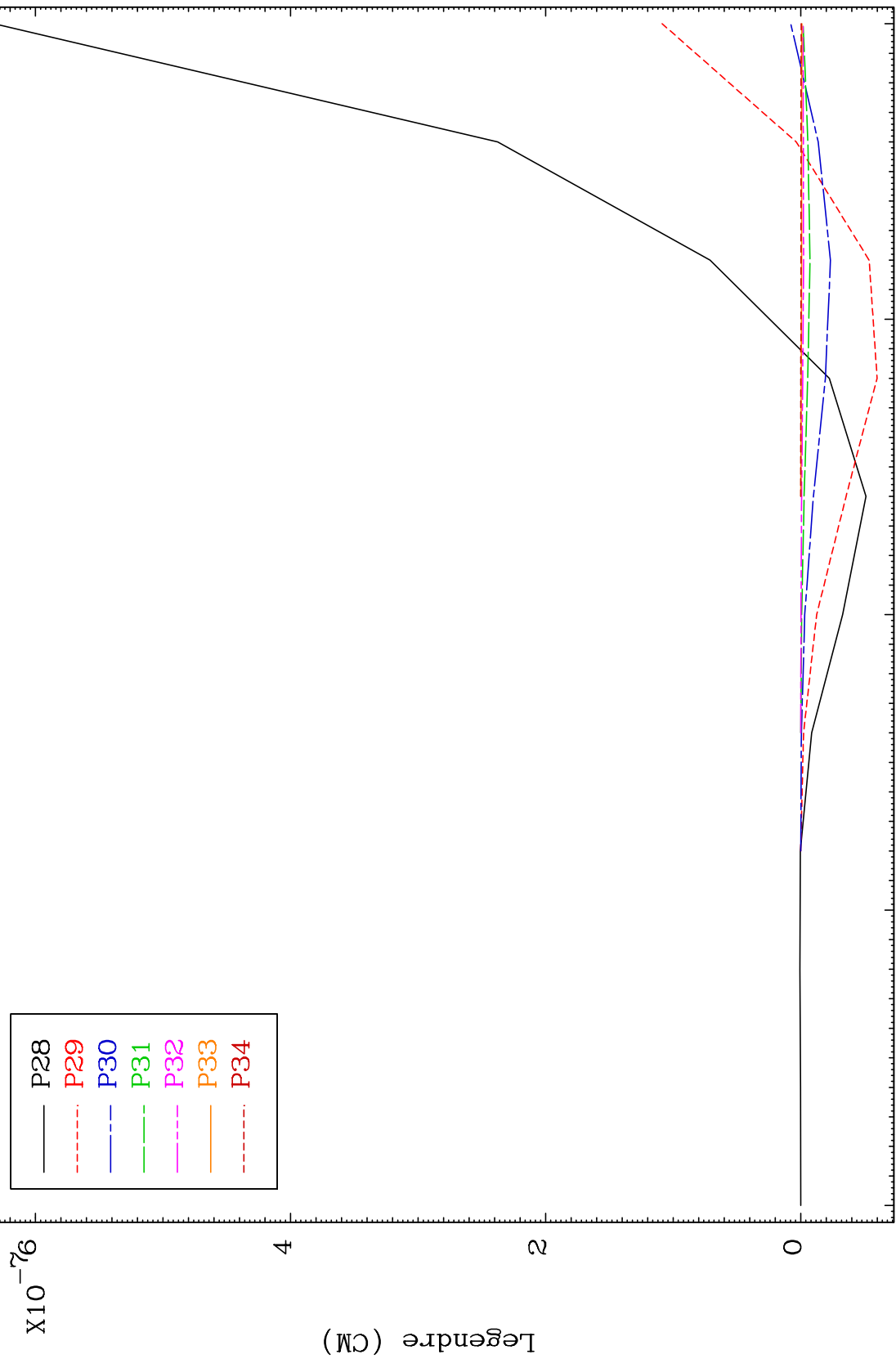
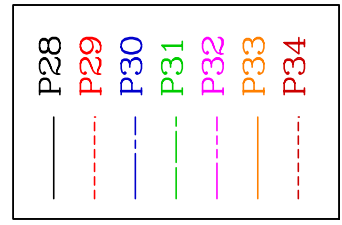
Incident Energy (MeV)

57-La-125

MAT 5686

Elastic Legendre Coefficients

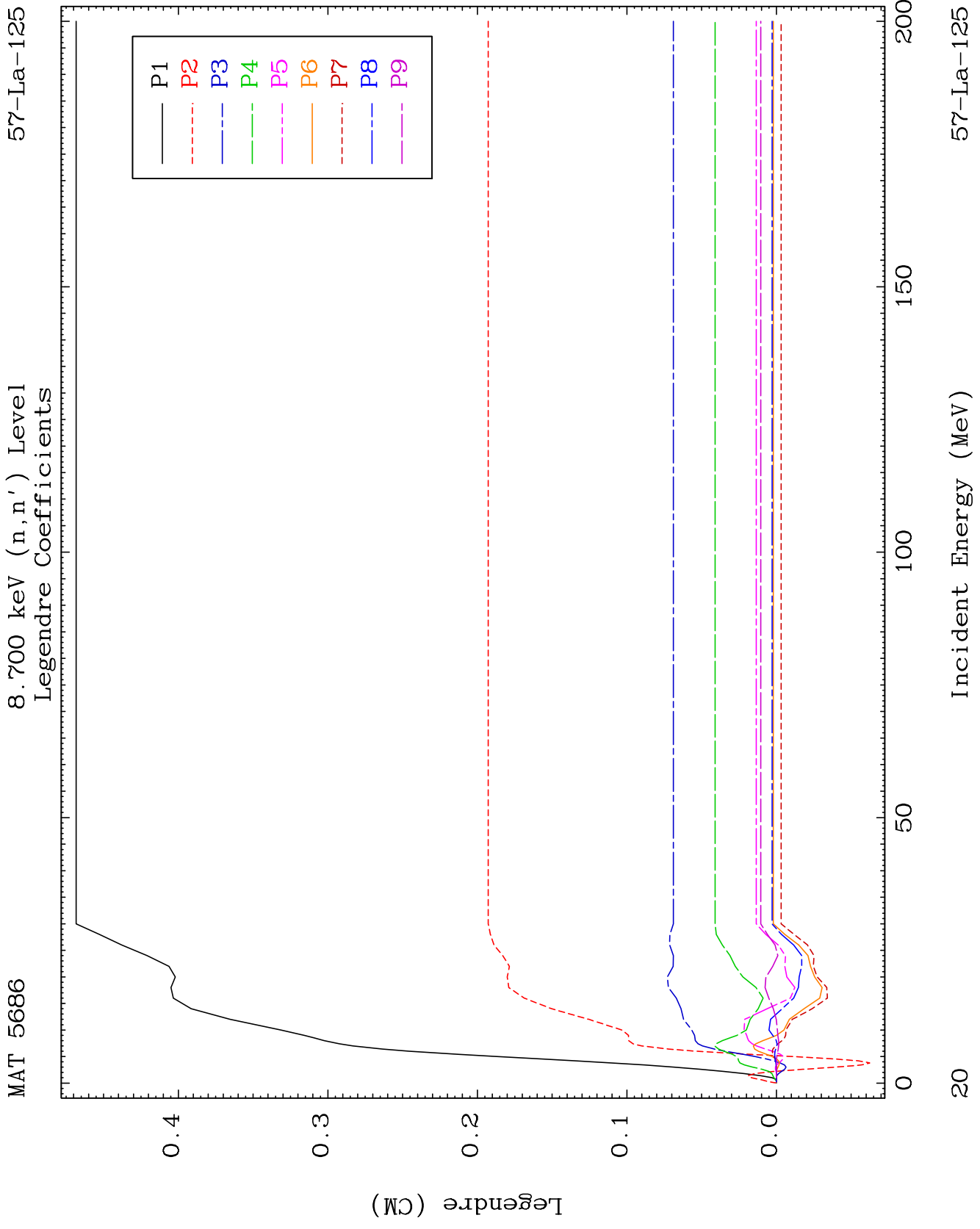
57-La-125



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Incident Energy (MeV)

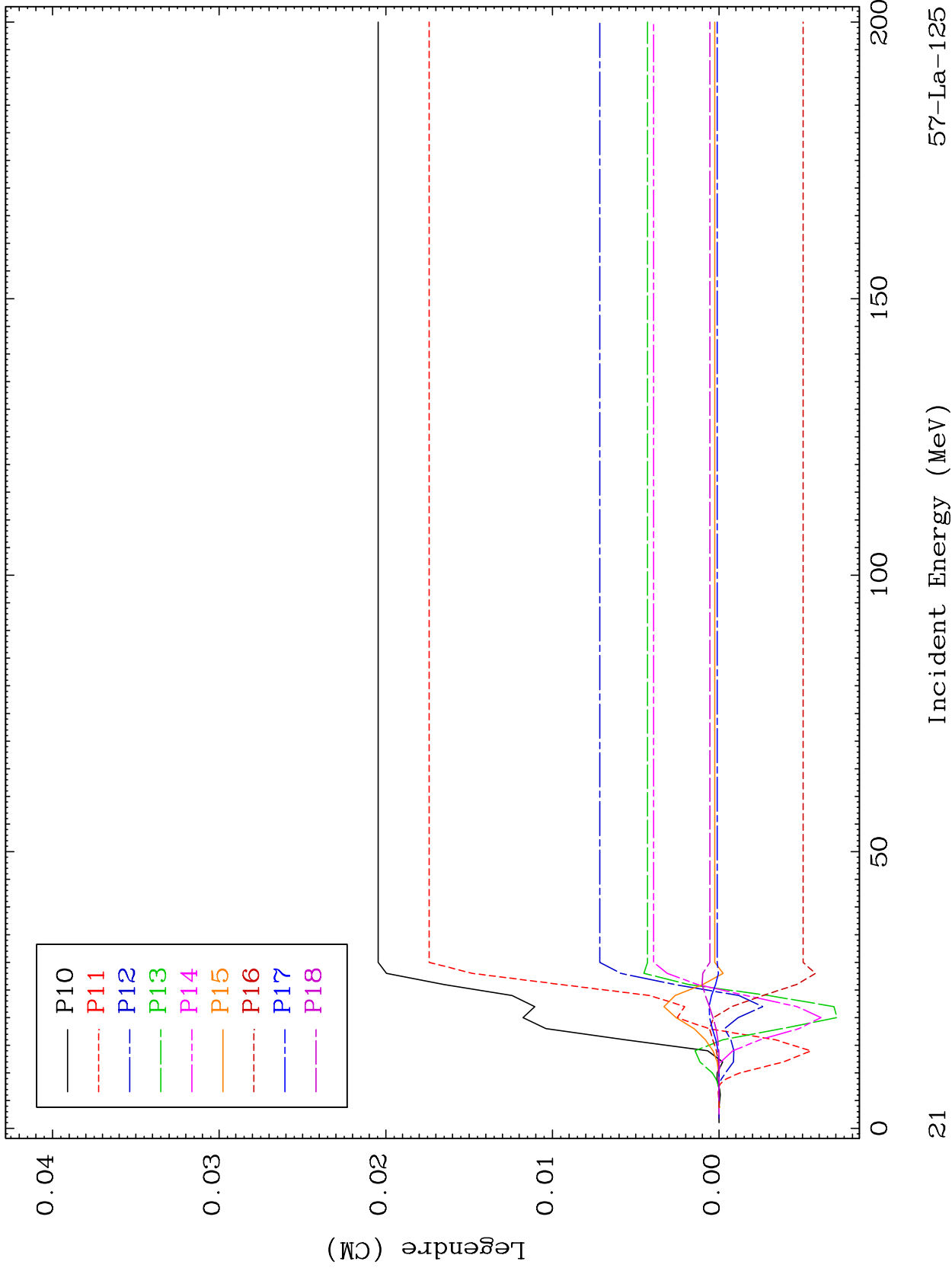
57-La-125



MAT 5686

8.700 keV (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

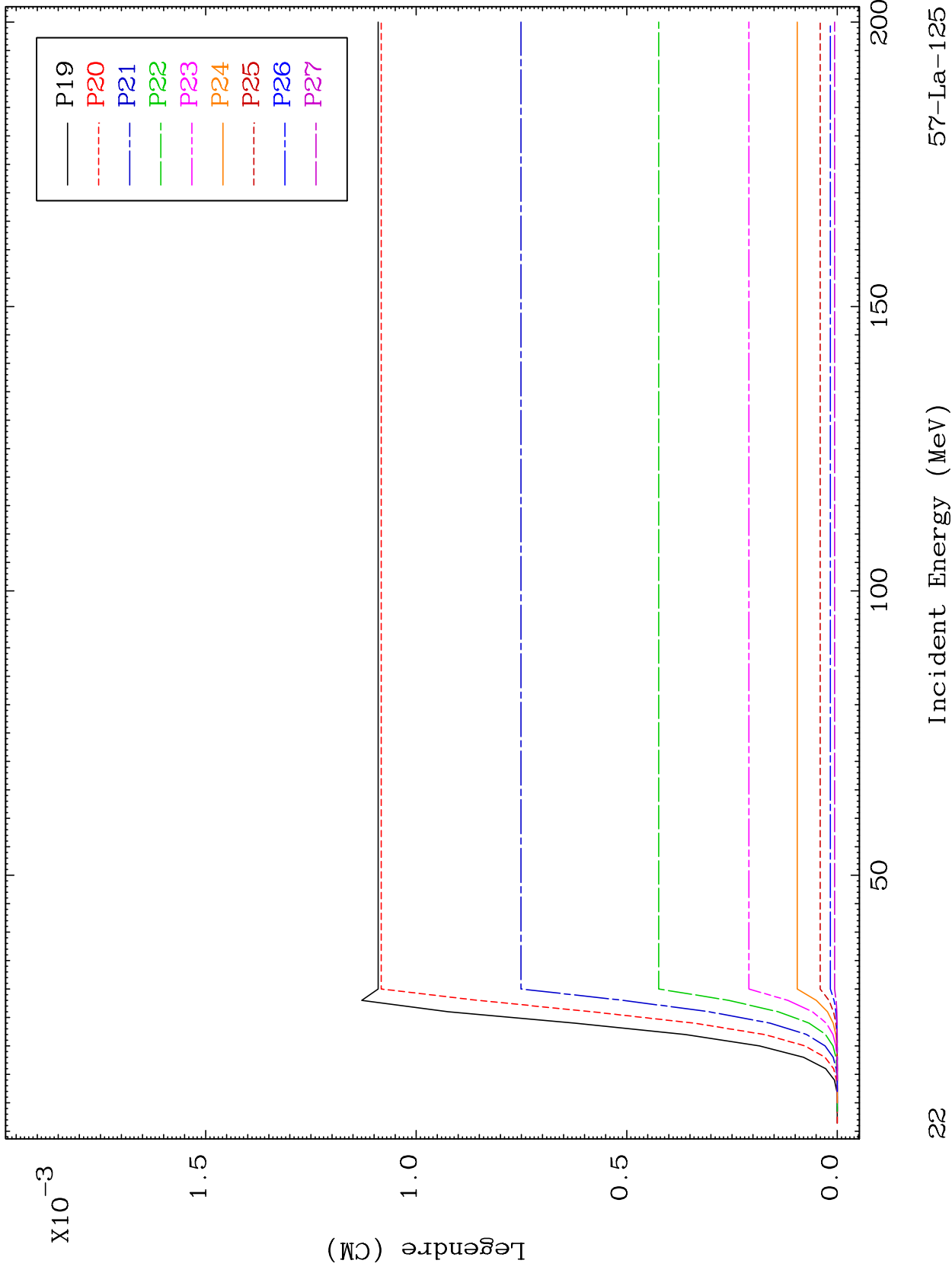
Incident Energy (MeV)

21

MAT 5686

8.700 keV (n,n') Level
Legendre Coefficients

57-La-125



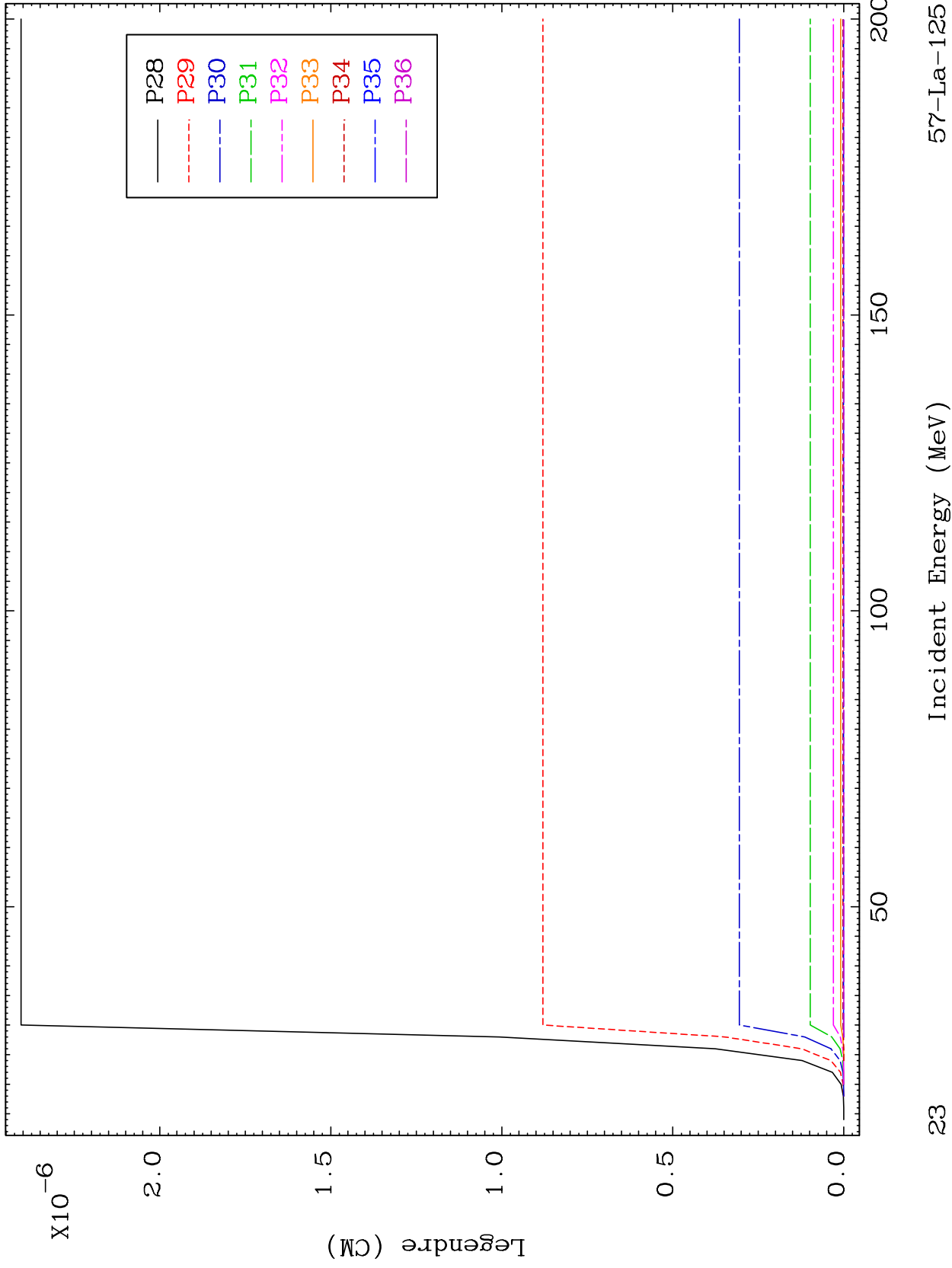
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57-La-125

MAT 5686

8.700 keV (n, n') Level
Legendre Coefficients

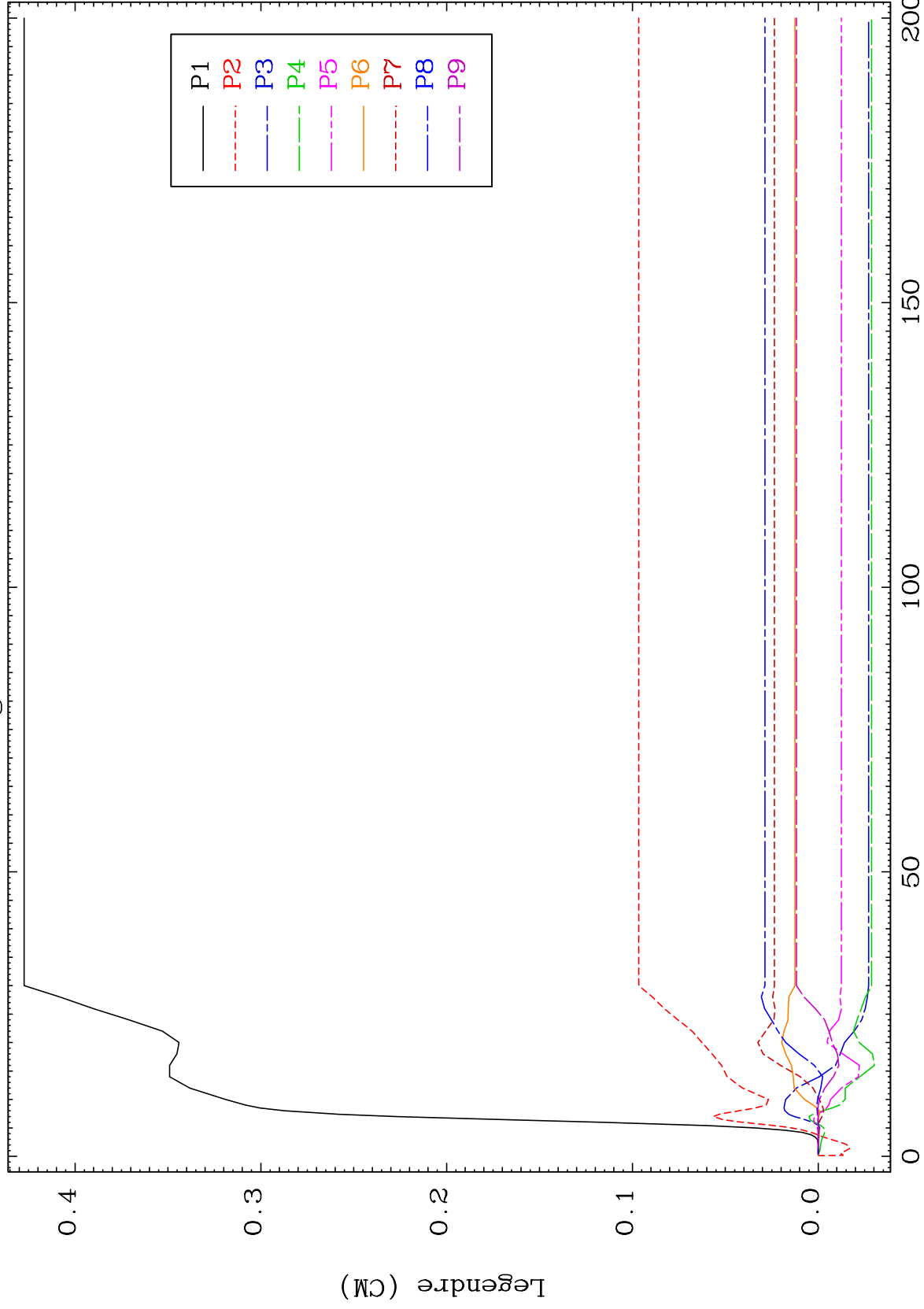
57-La-125



MAT 5686

107.0 keV (n,n') Level
Legendre Coefficients

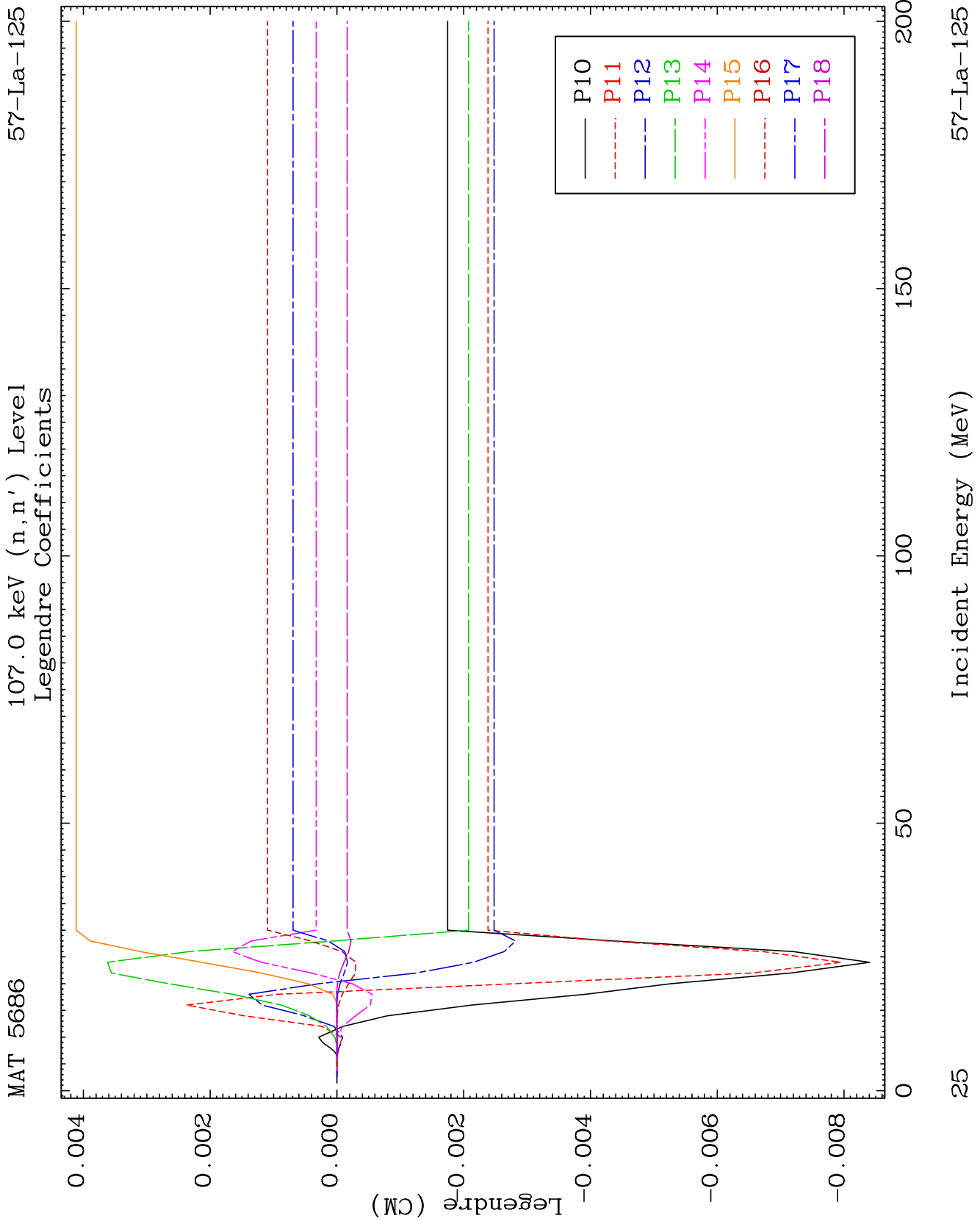
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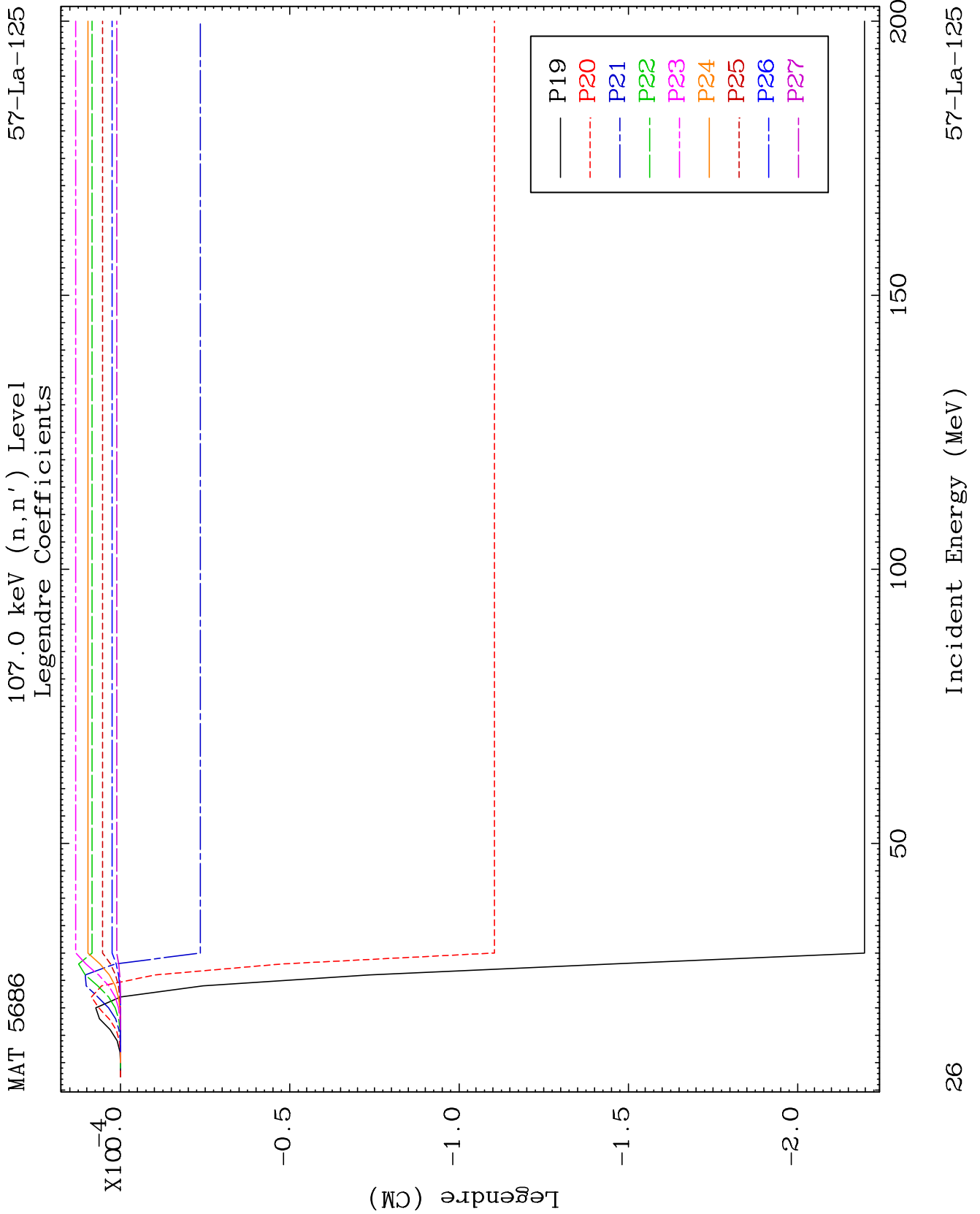


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Incident Energy (MeV)

57-La-125

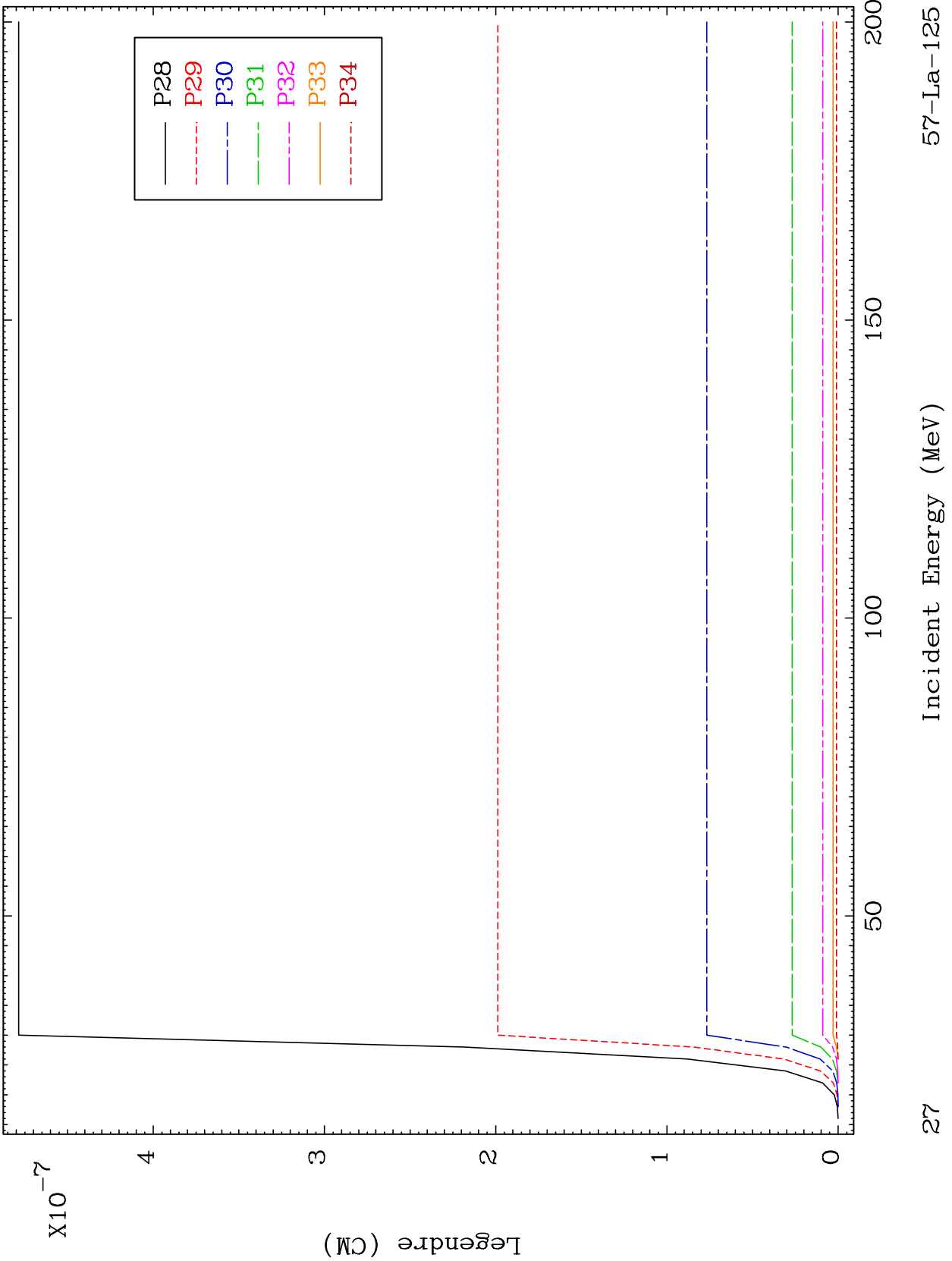




MAT 5686

107.0 keV (n,n') Level
Legendre Coefficients

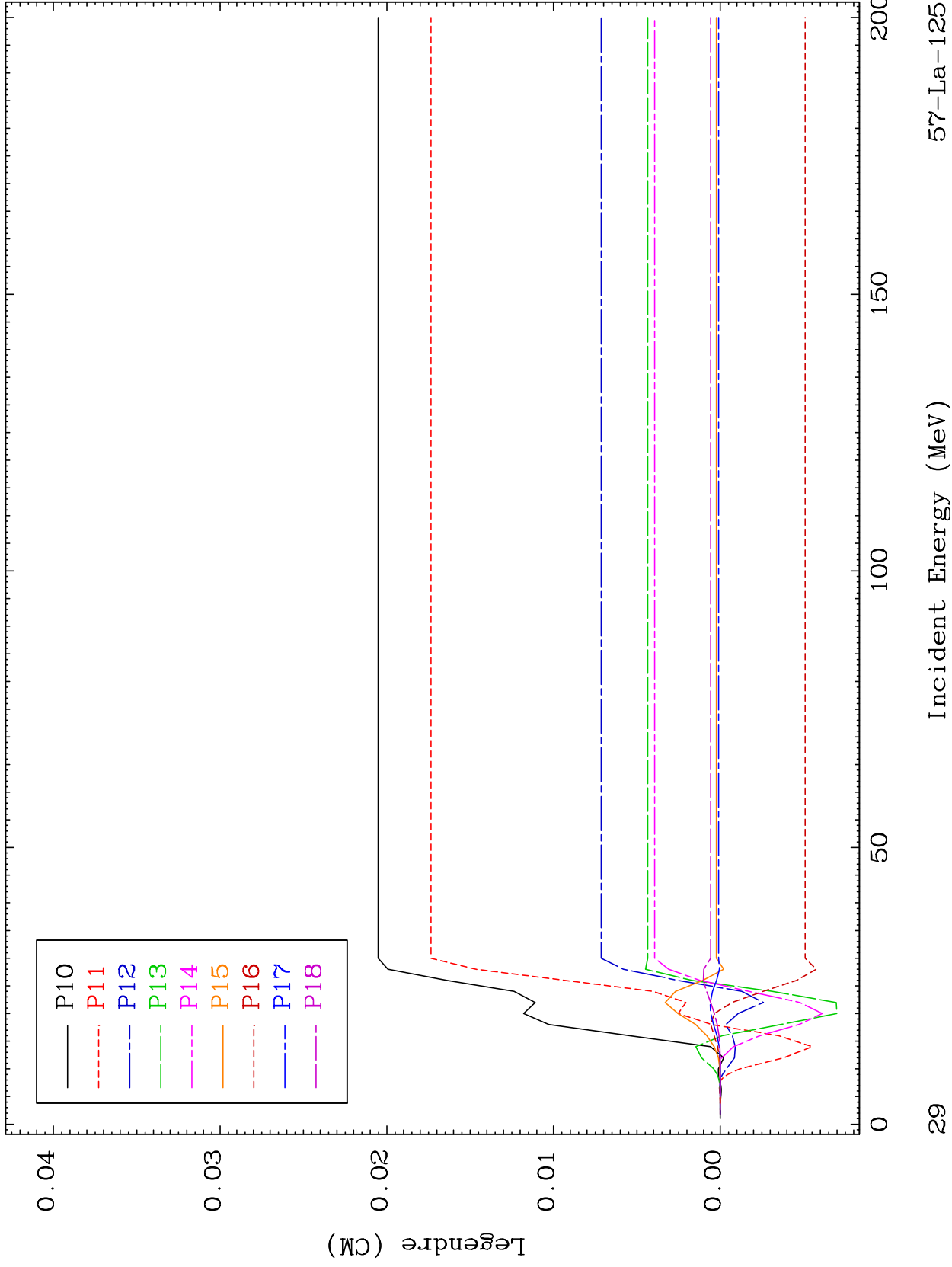
57-La-125



MAT 5686

128.8 keV (n,n') Level
Legendre Coefficients

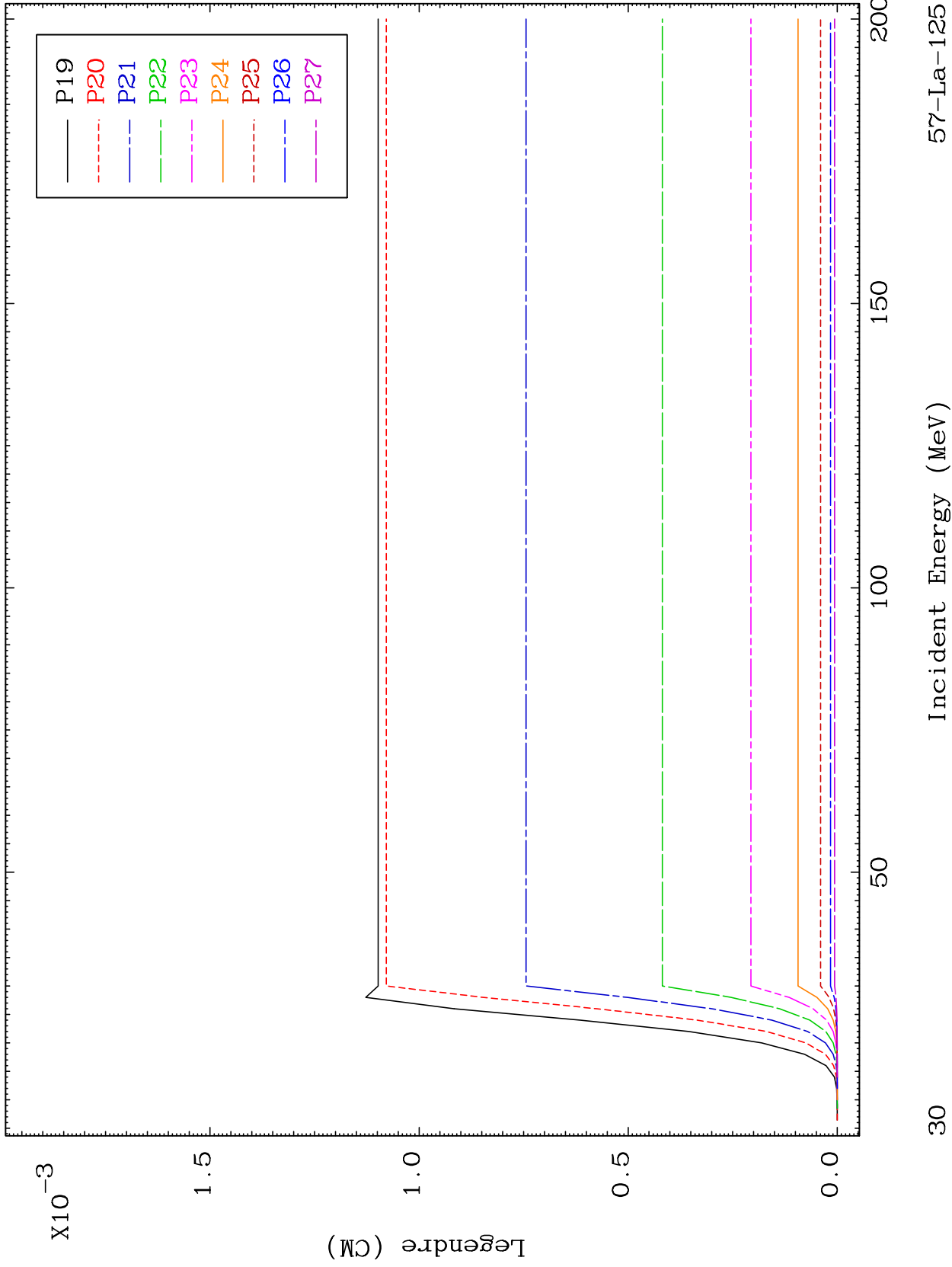
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MAT 5686

128.8 keV (n,n') Level
Legendre Coefficients

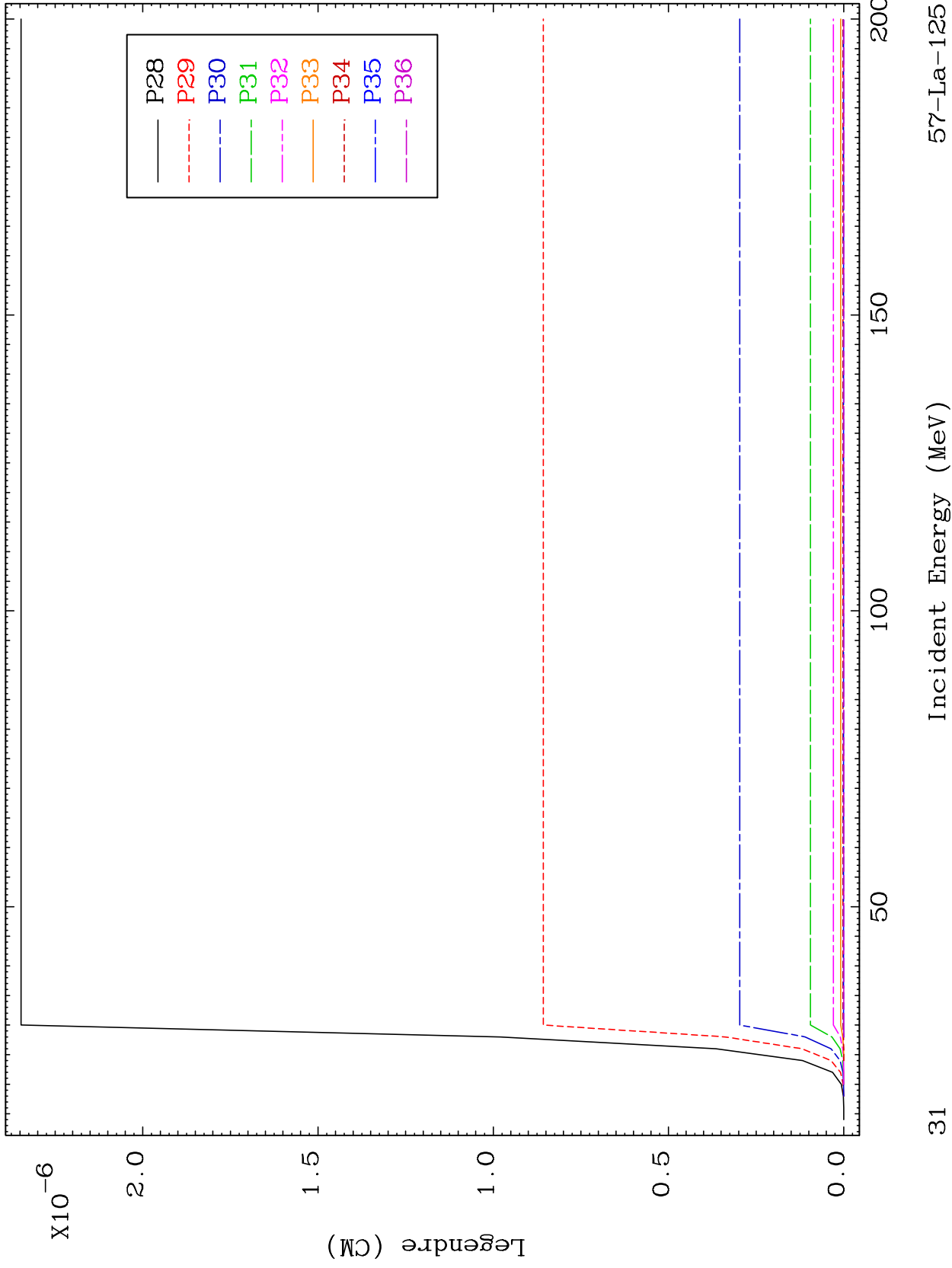
57-La-125



MAT 5686

128.8 keV (n,n') Level
Legendre Coefficients

57-La-125



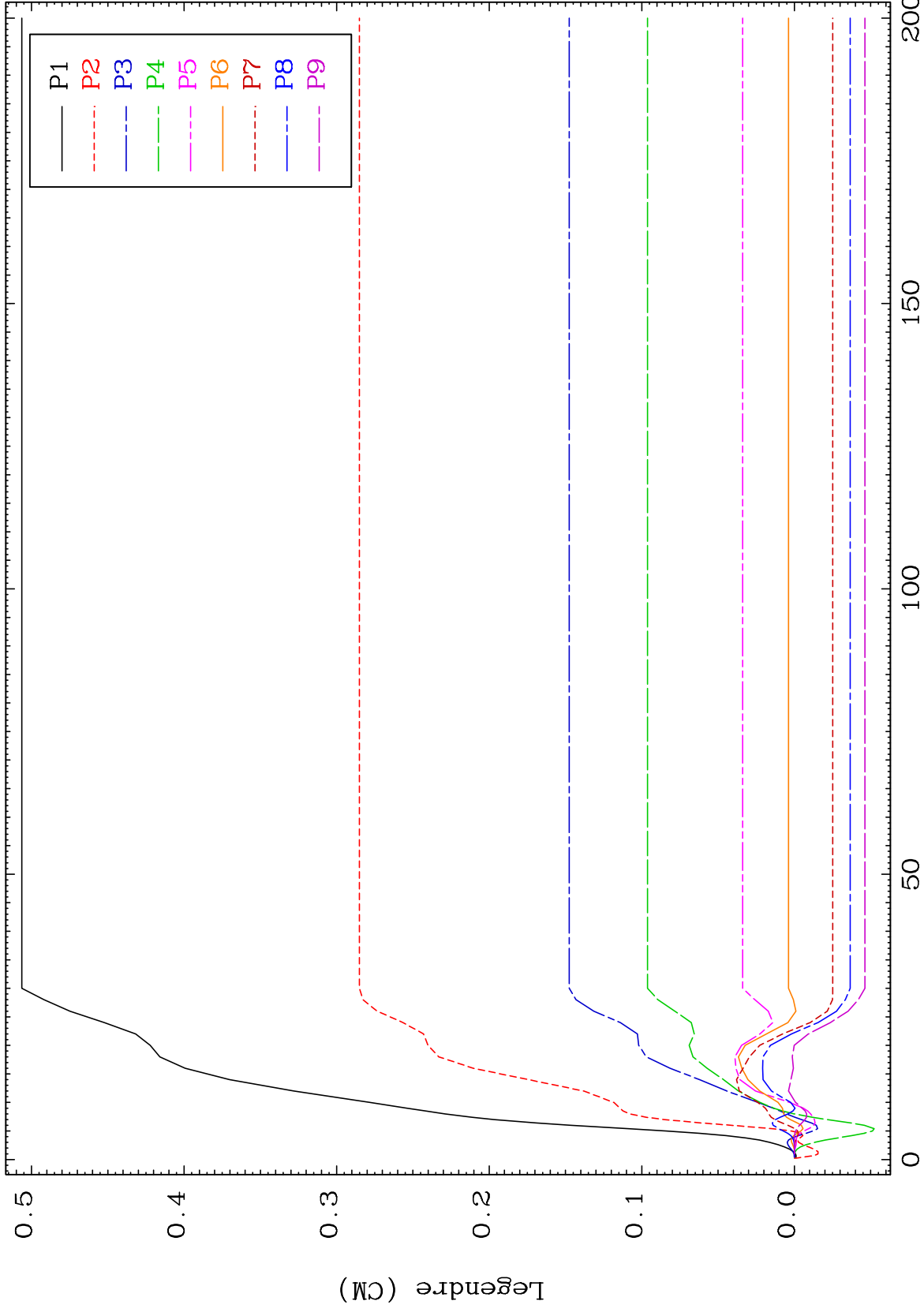
31

57-La-125

MAT 5686

194.3 keV (n, n') Level
Legendre Coefficients

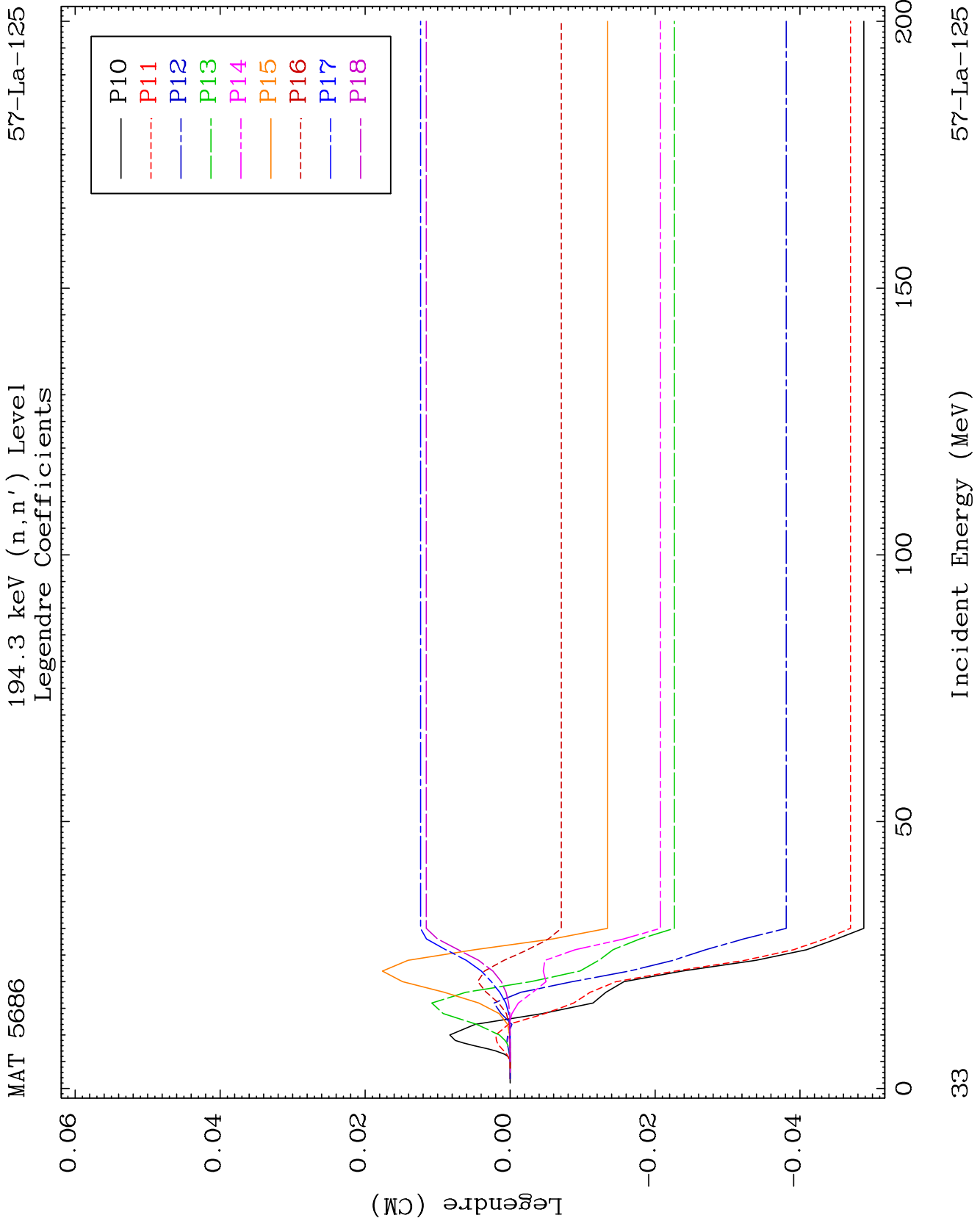
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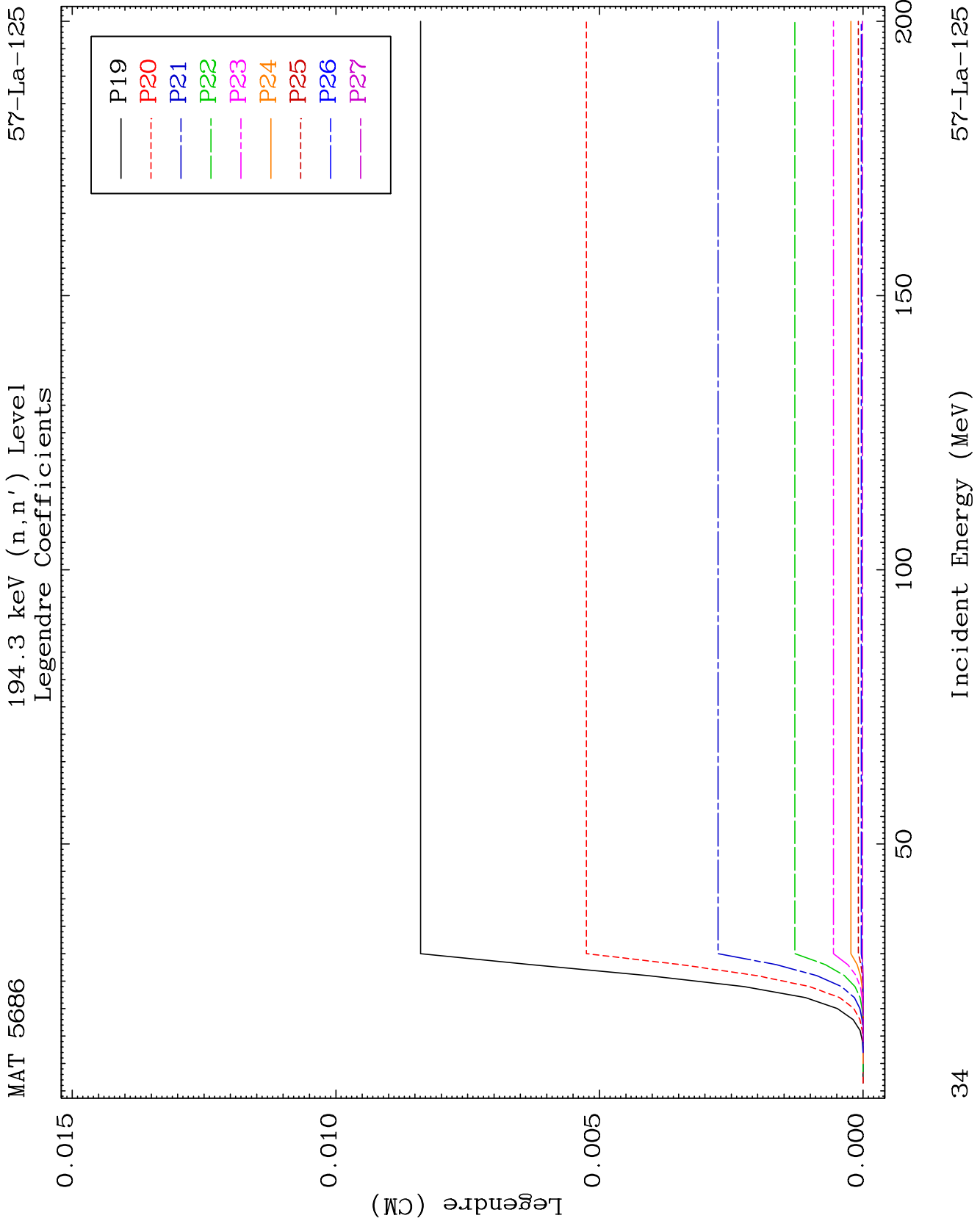


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Incident Energy (MeV)

57-La-125

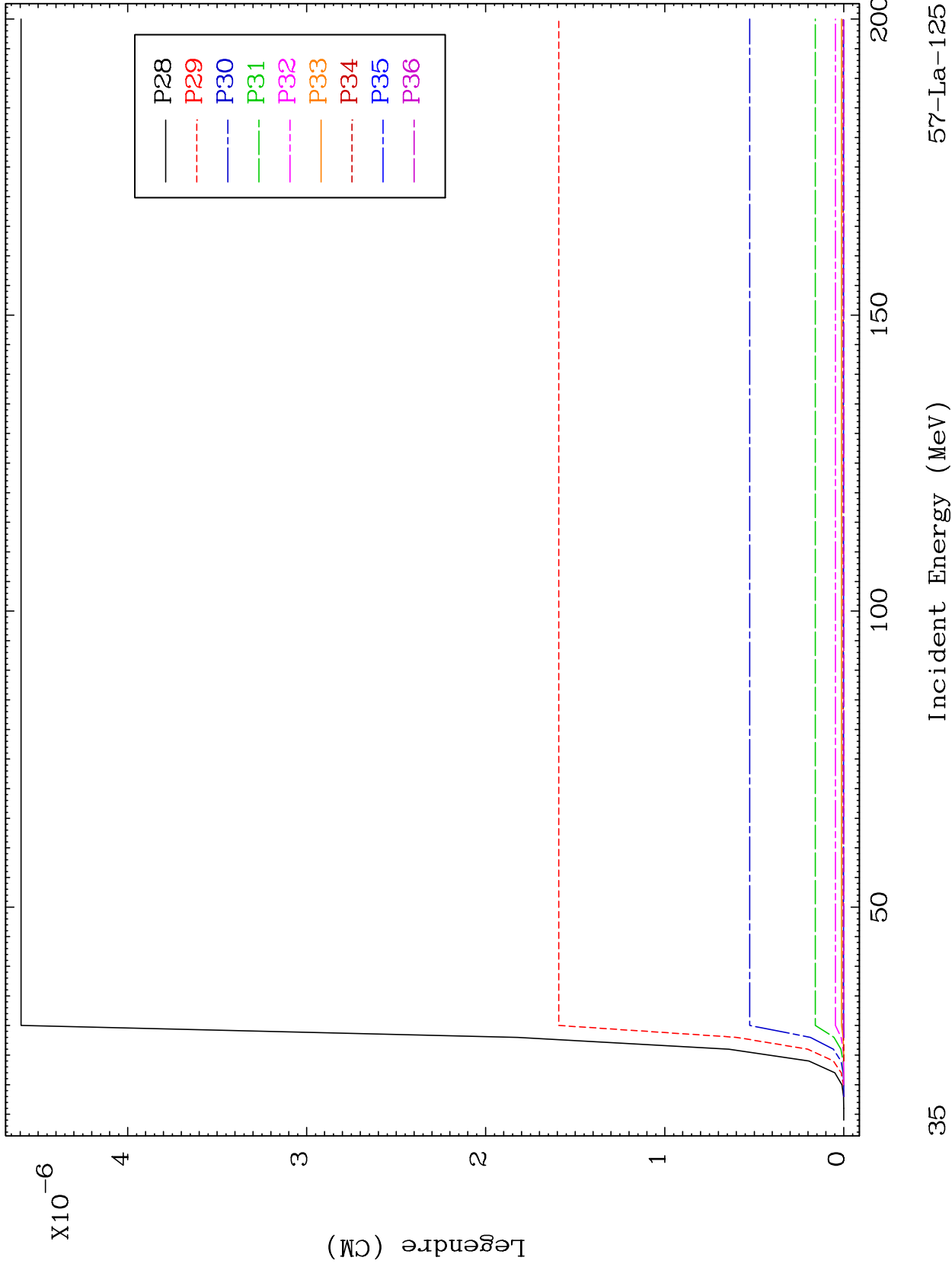




MAT 5686

194.3 keV (n,n') Level
Legendre Coefficients

57-La-125



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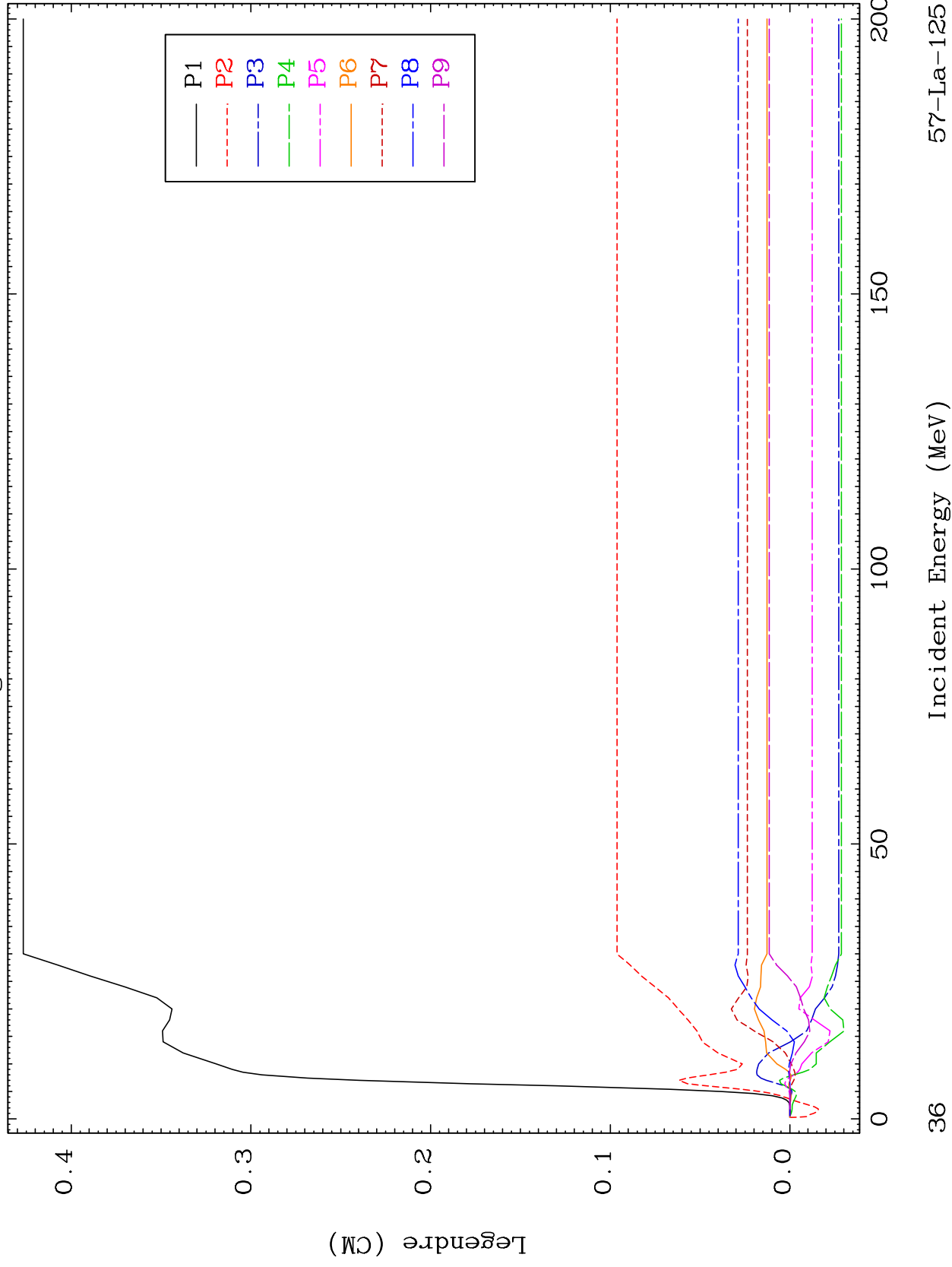
Incident Energy (MeV)

57-La-125

MAT 5686

249.3 keV (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

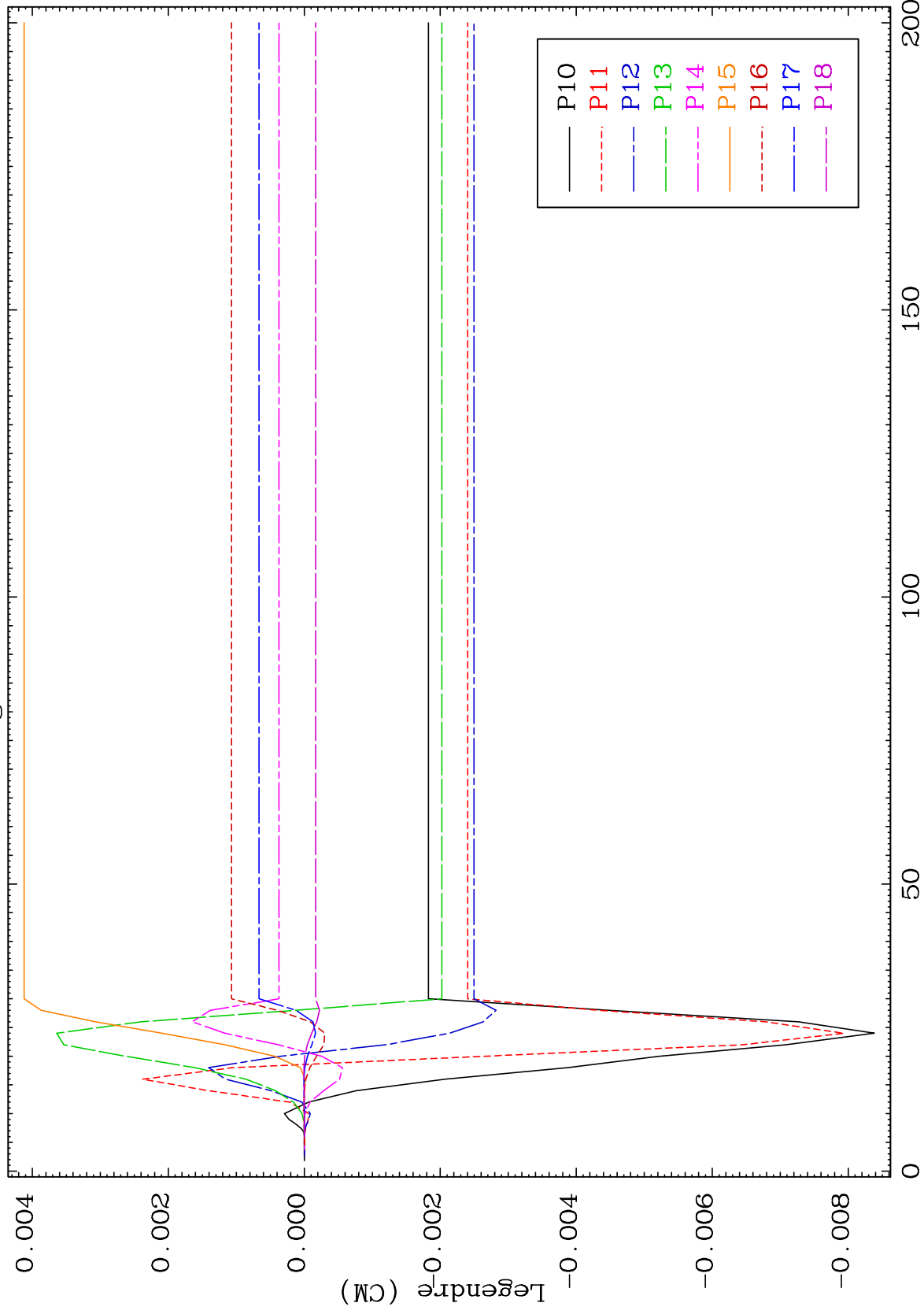
Incident Energy (MeV)

36

MAT 5686

249.3 keV (n,n') Level
Legendre Coefficients

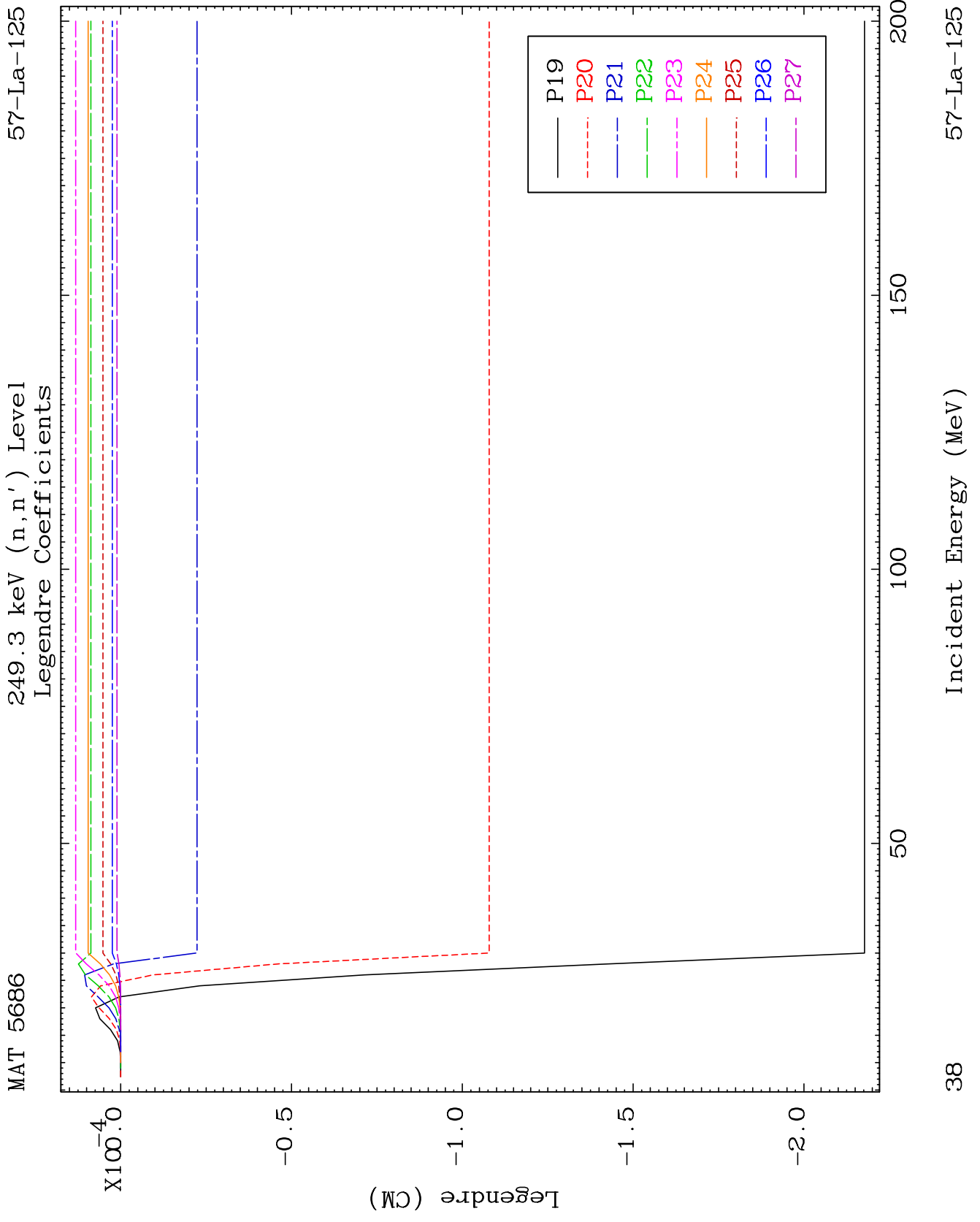
57-La-125



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Incident Energy (MeV)

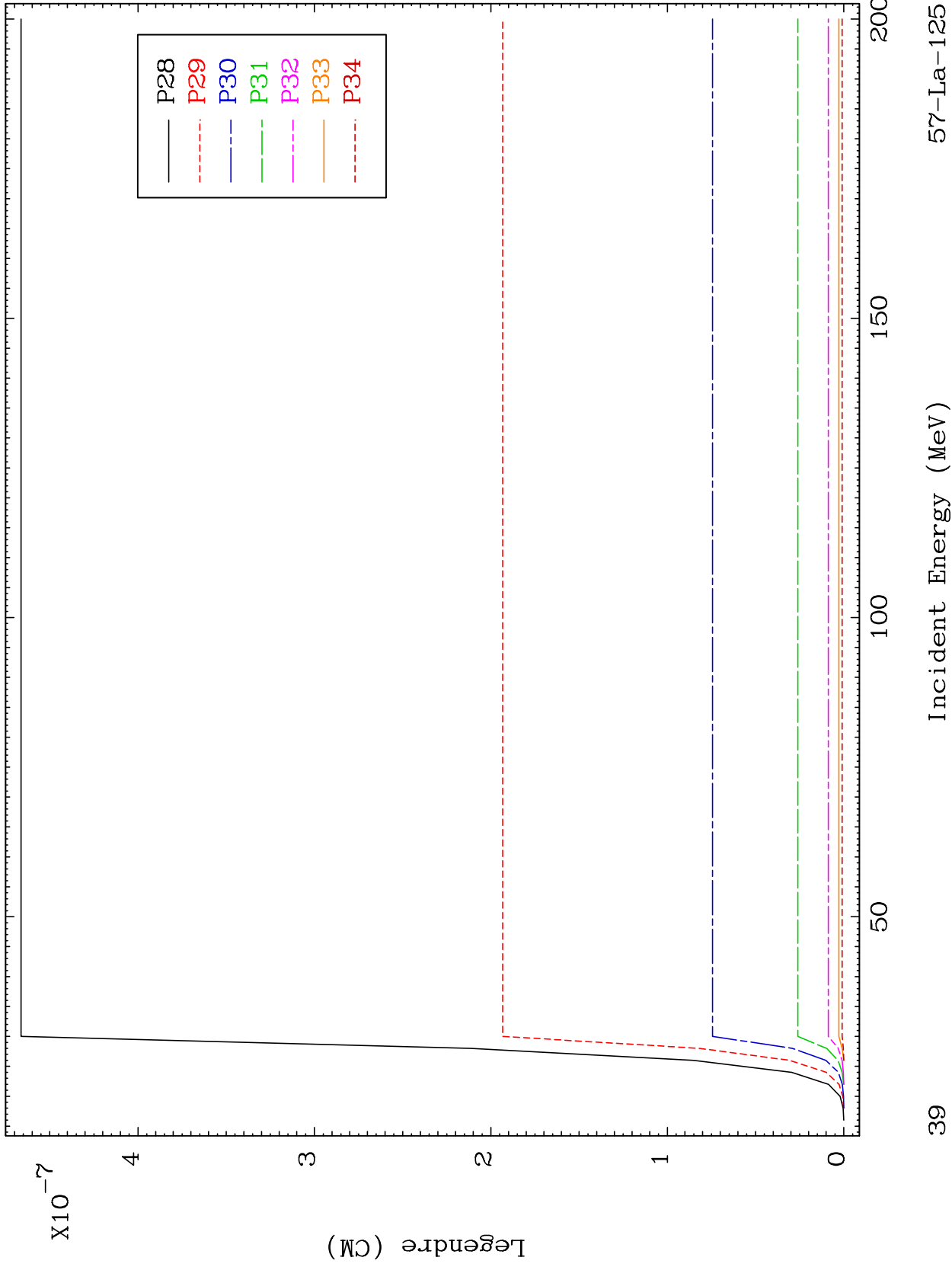
57-La-125



MAT 5686

249.3 keV (n,n') Level
Legendre Coefficients

57-La-125



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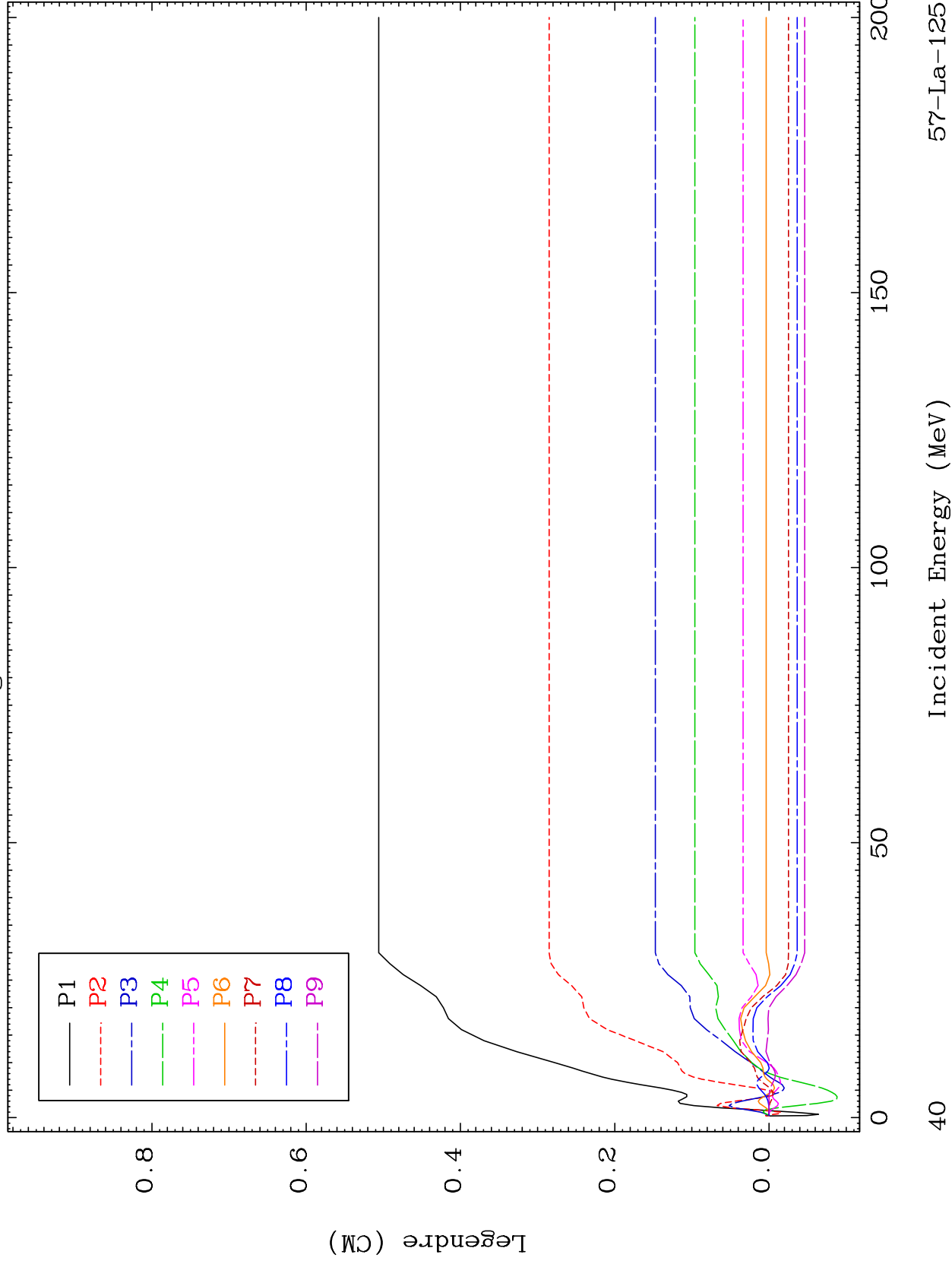
Incident Energy (MeV)

57-La-125

MAT 5686

296.4 keV (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

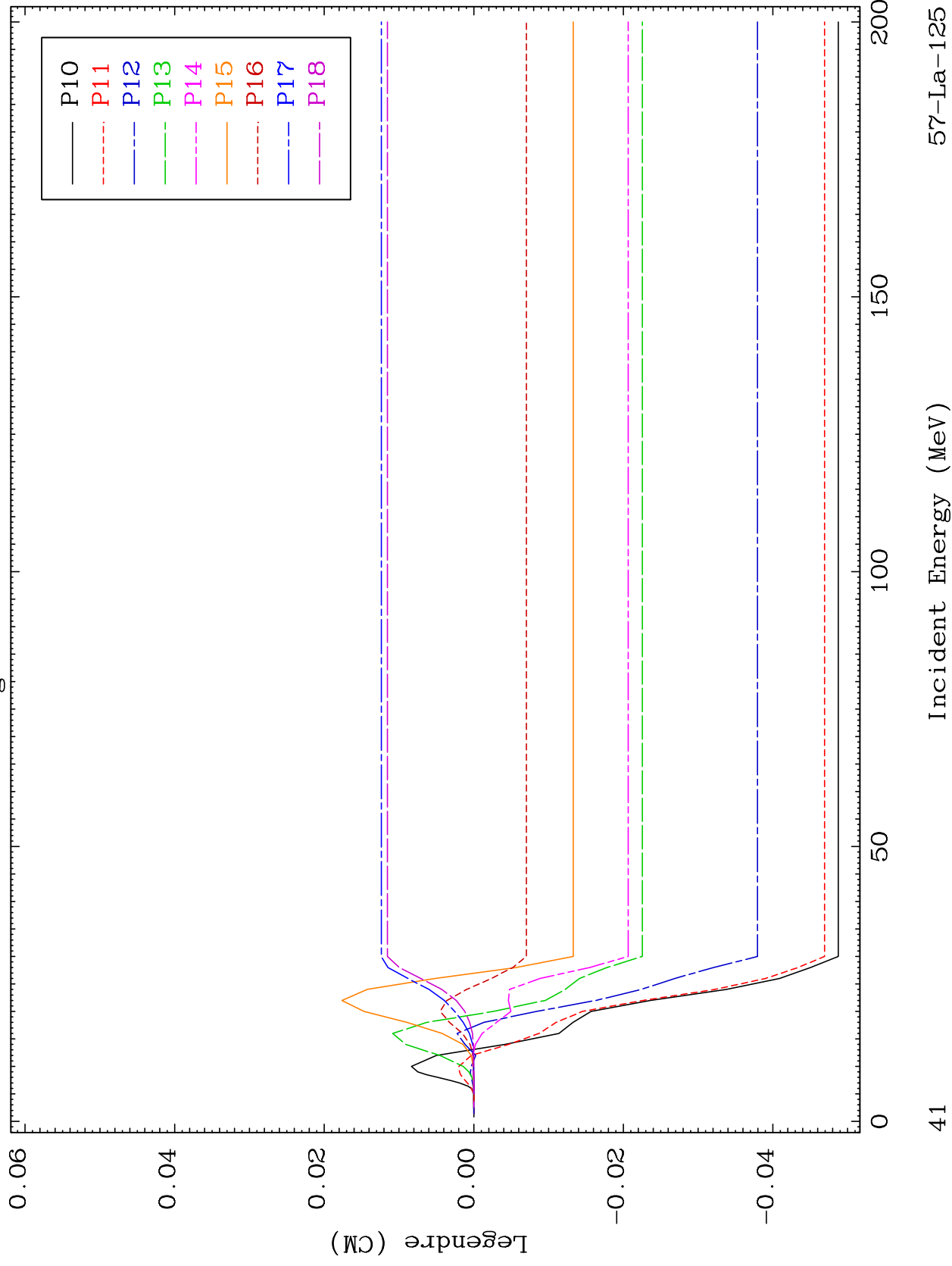
Incident Energy (MeV)

40

MAT 5686

296.4 keV (n,n') Level
Legendre Coefficients

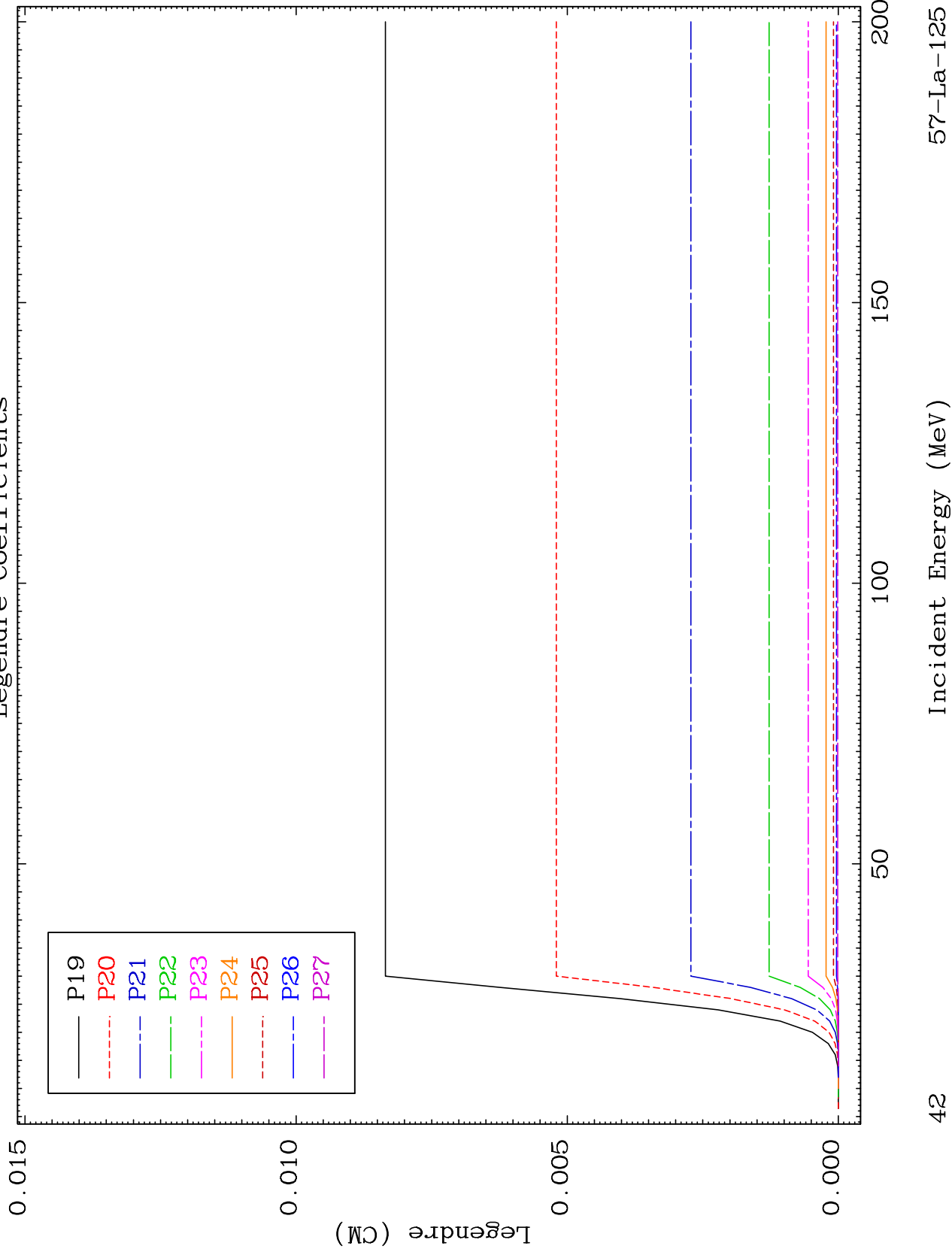
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MAT 5686

296.4 keV (n,n') Level
Legendre Coefficients

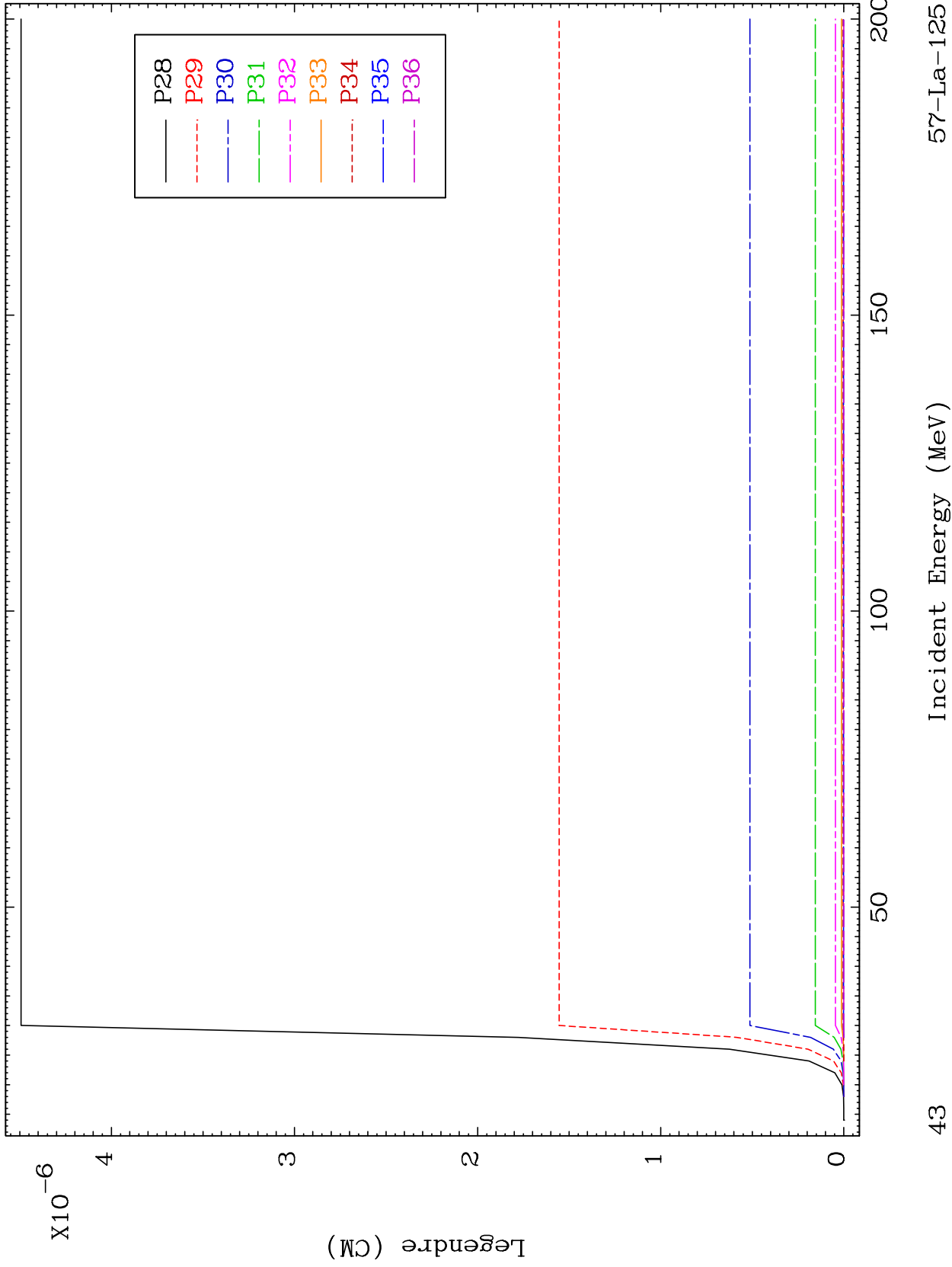
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MAT 5686

296.4 keV (n,n') Level
Legendre Coefficients

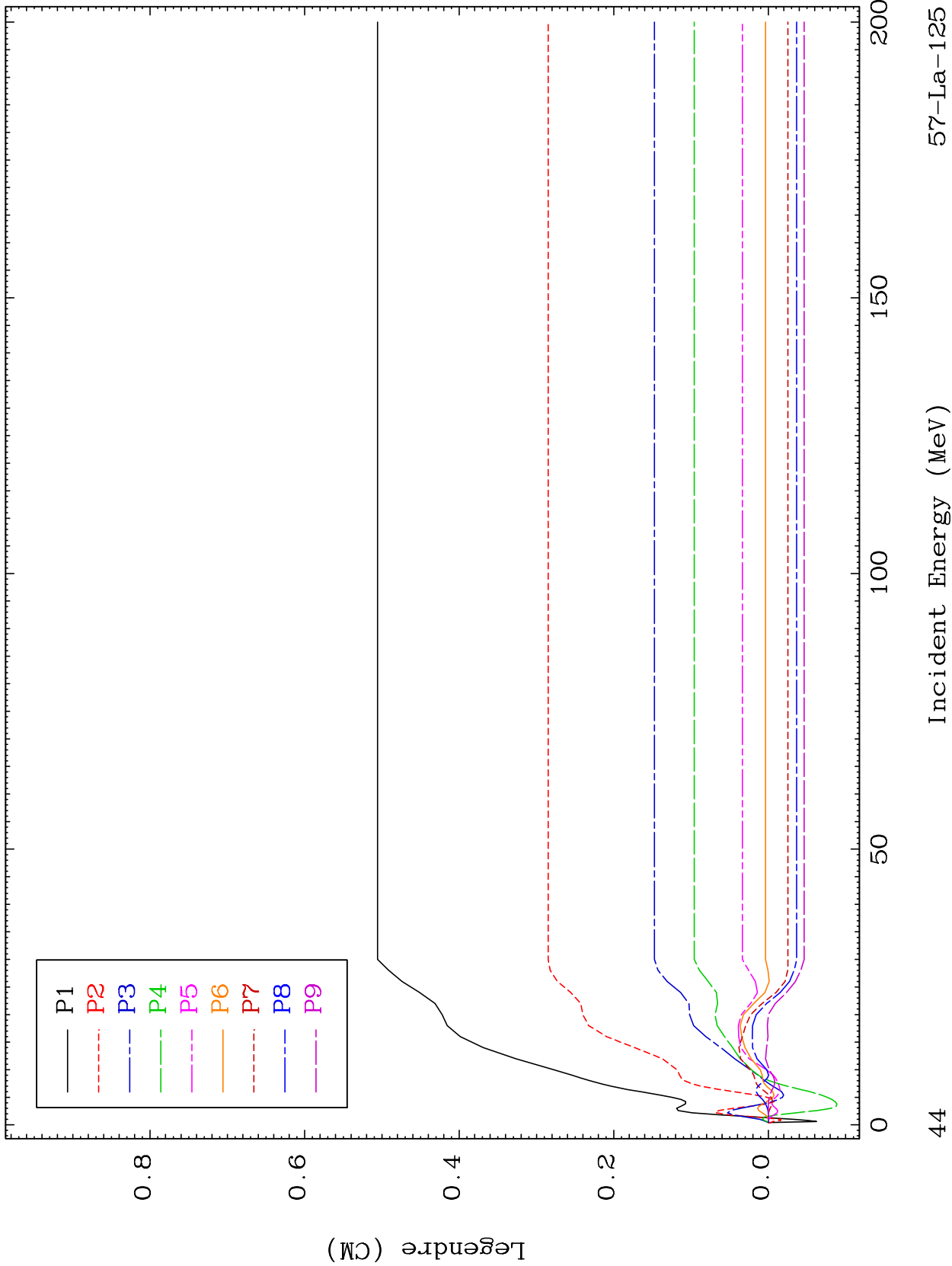
57-La-125



MAT 5686

324.9 keV (n,n') Level
Legendre Coefficients

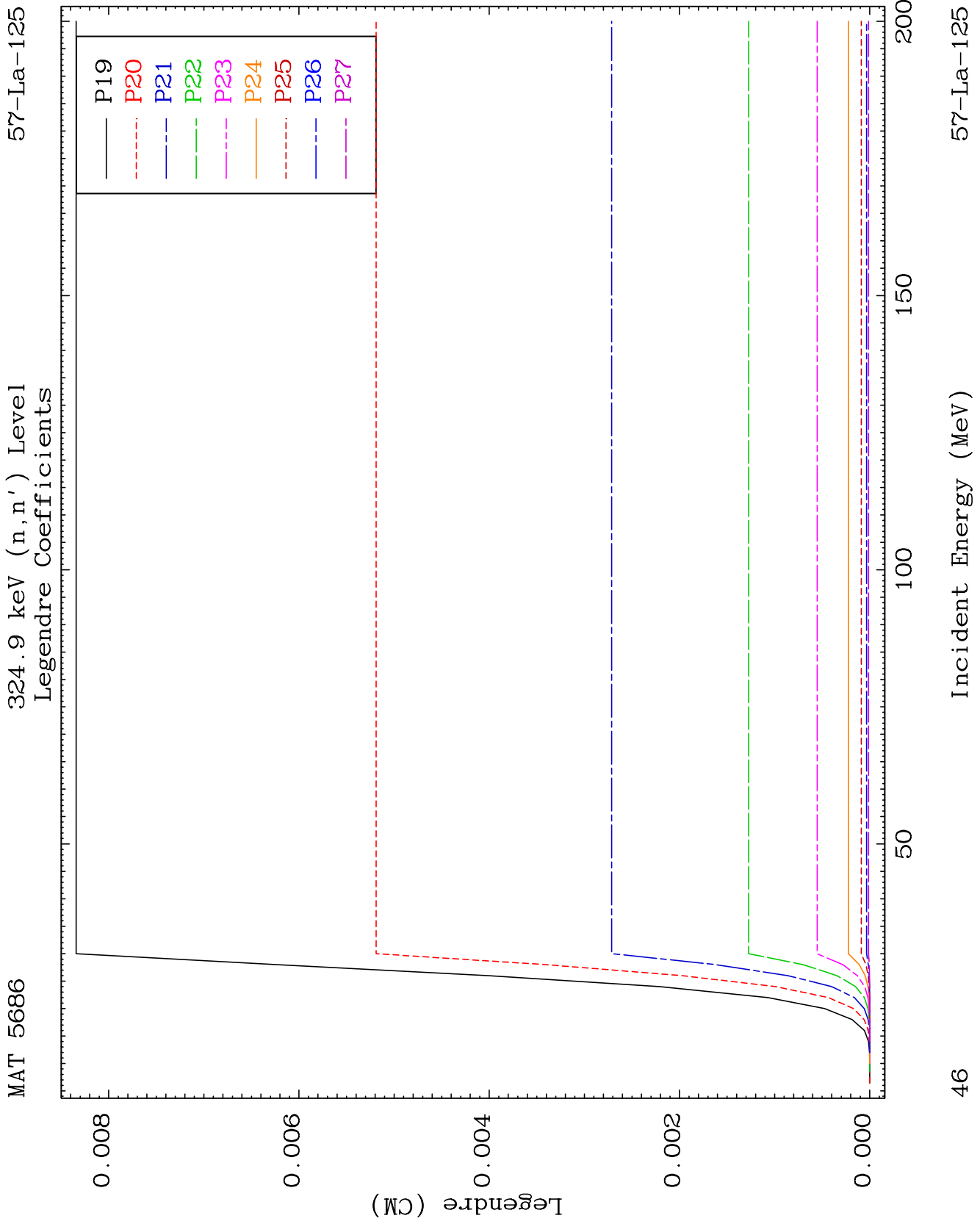
57-La-125



57-La-125

Incident Energy (MeV)

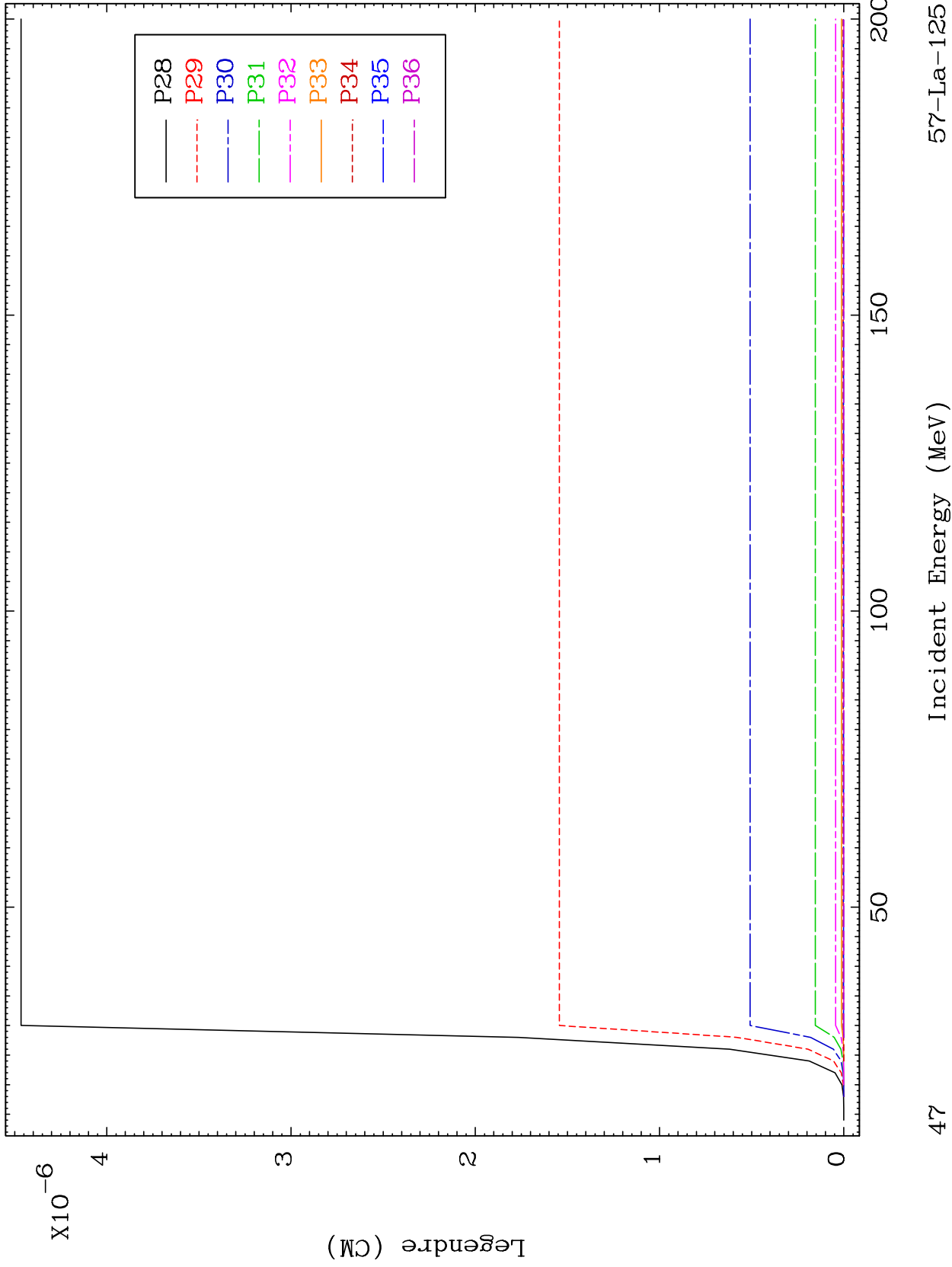
44



MAT 5686

324.9 keV (n, n') Level
Legendre Coefficients

57-La-125



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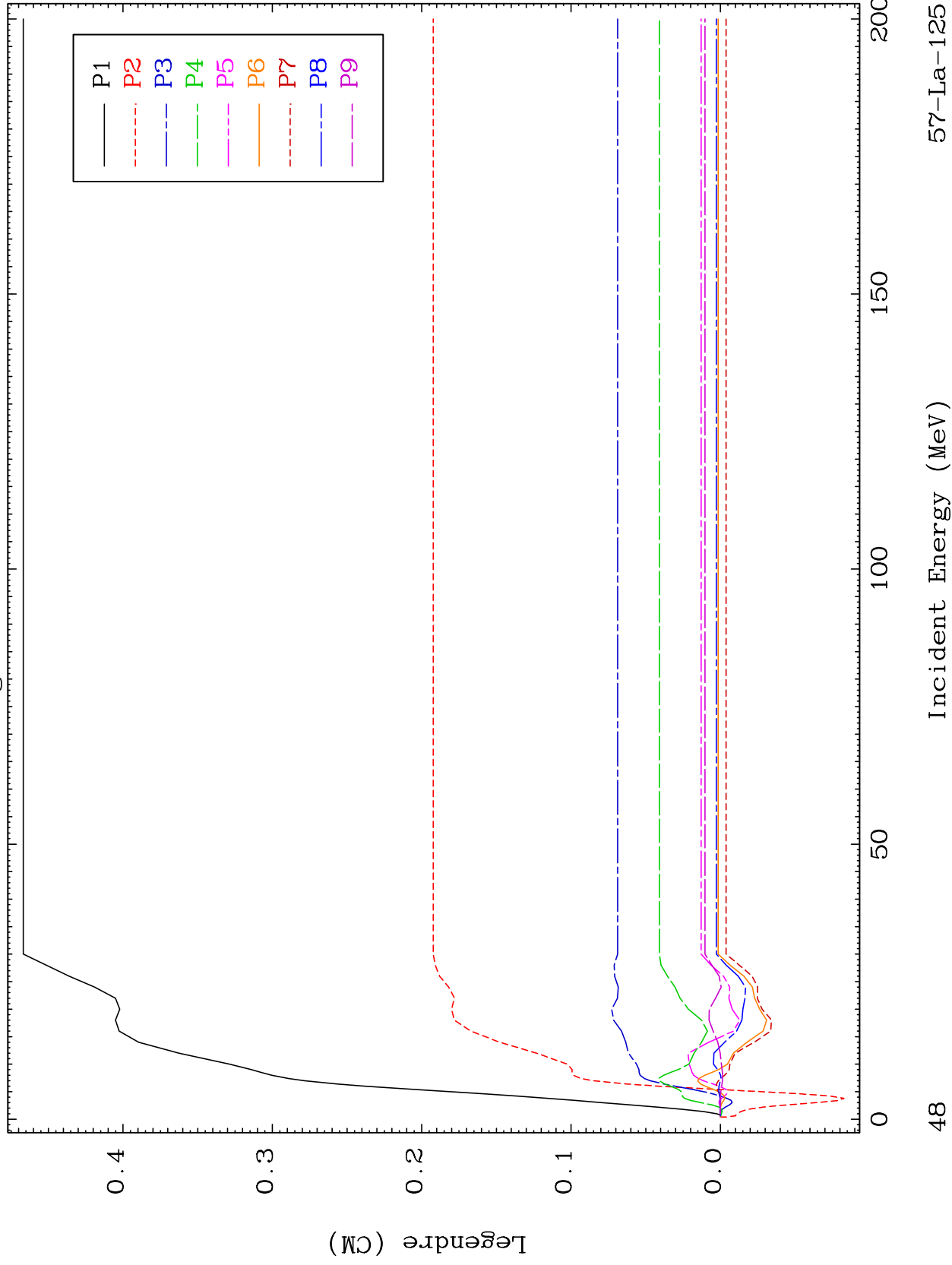
Incident Energy (MeV)

57-La-125

MAT 5686

378.9 keV (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

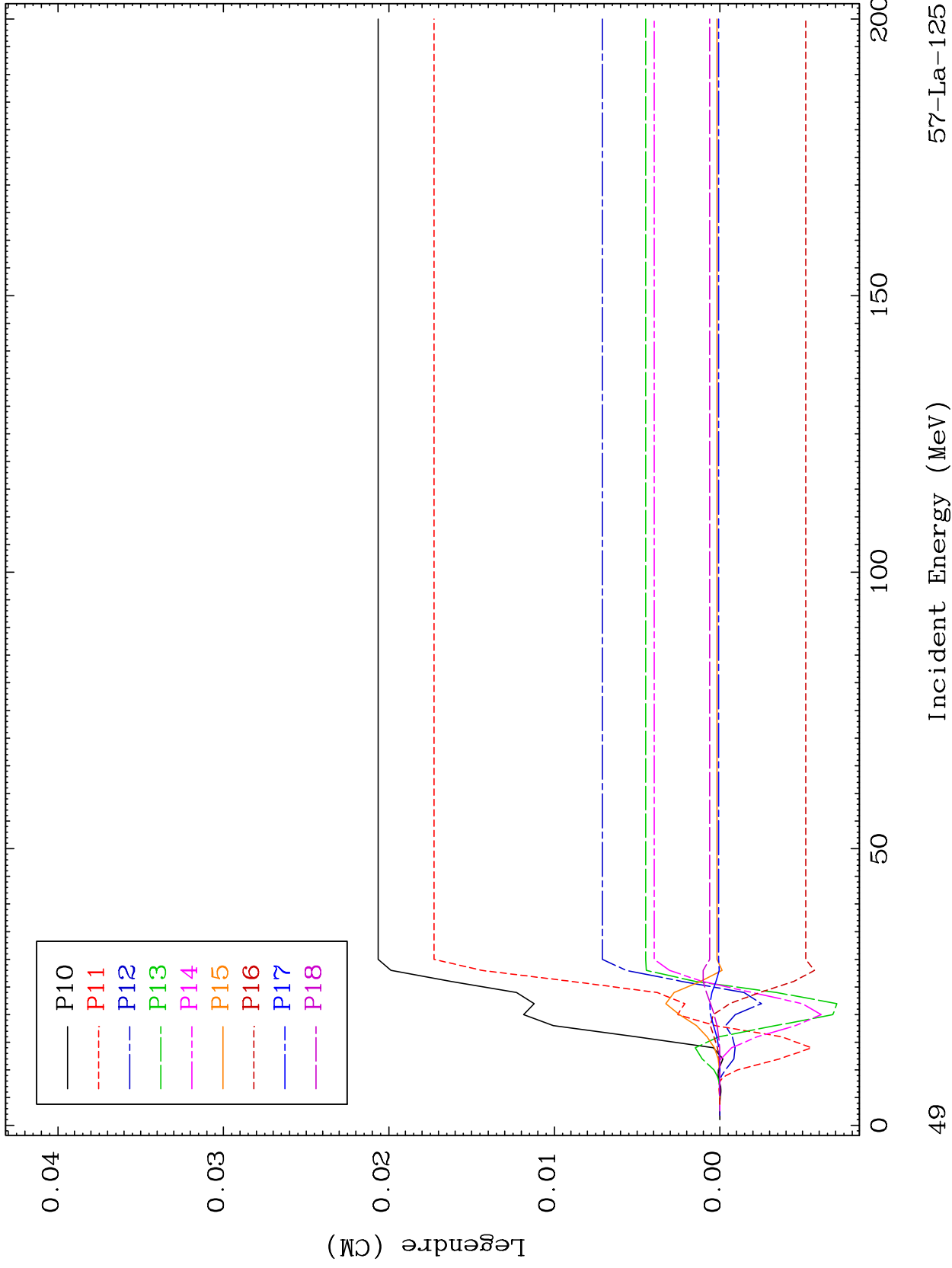
Incident Energy (MeV)

48

MAT 5686

378.9 keV (n,n') Level
Legendre Coefficients

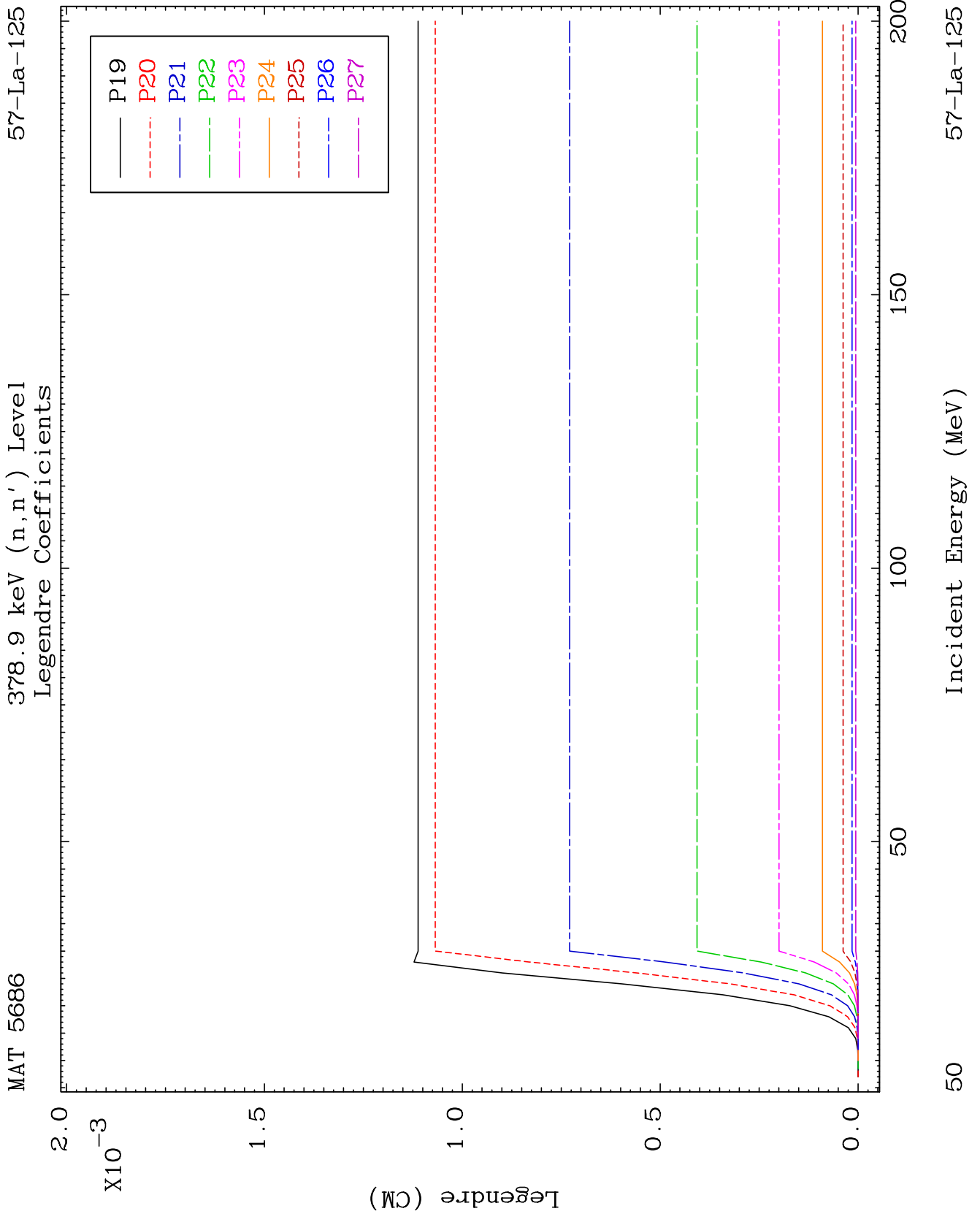
57-La-125



49

Incident Energy (MeV)

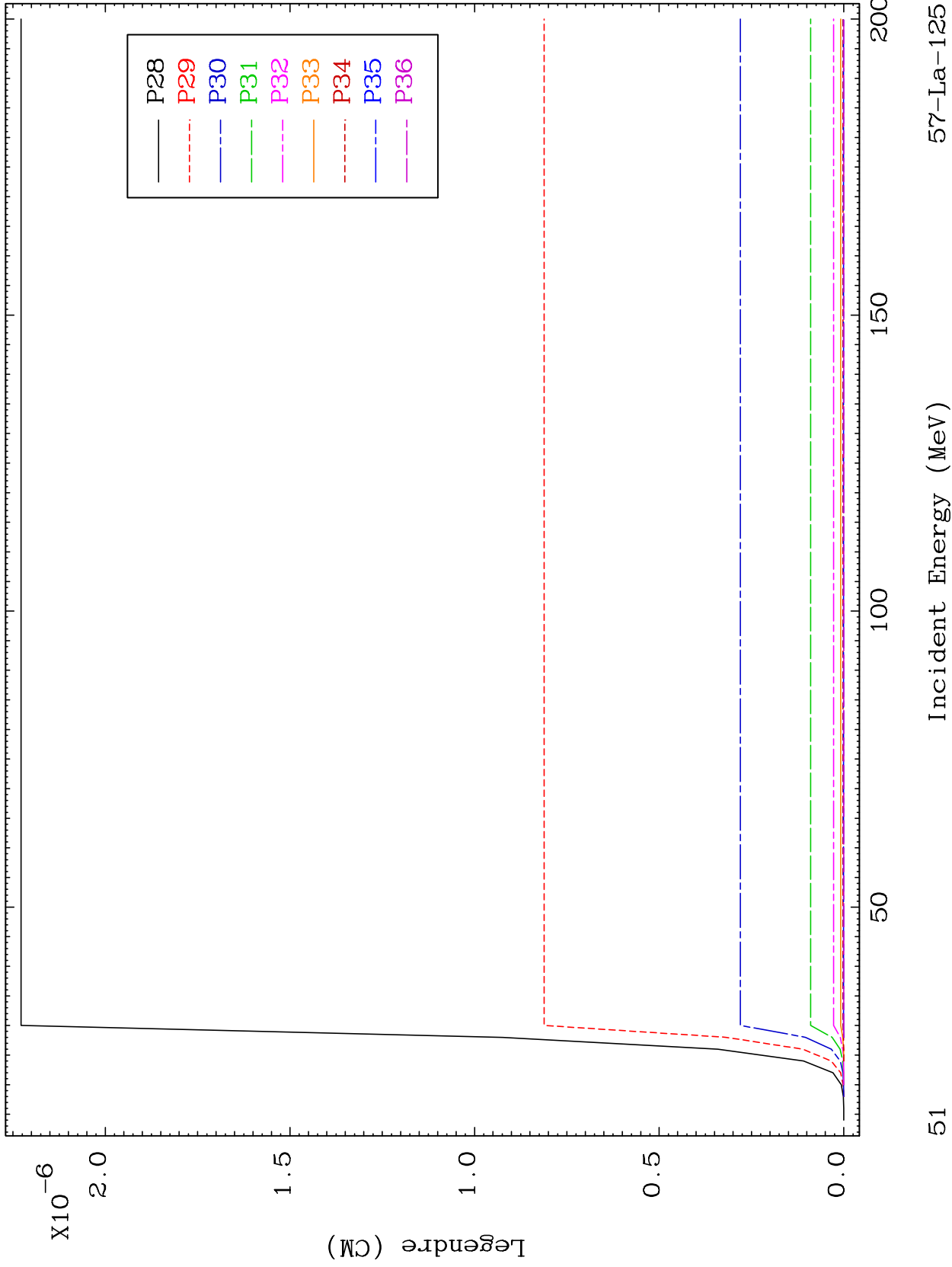
57-La-125



MAT 5686

378.9 keV (n,n') Level
Legendre Coefficients

57-La-125



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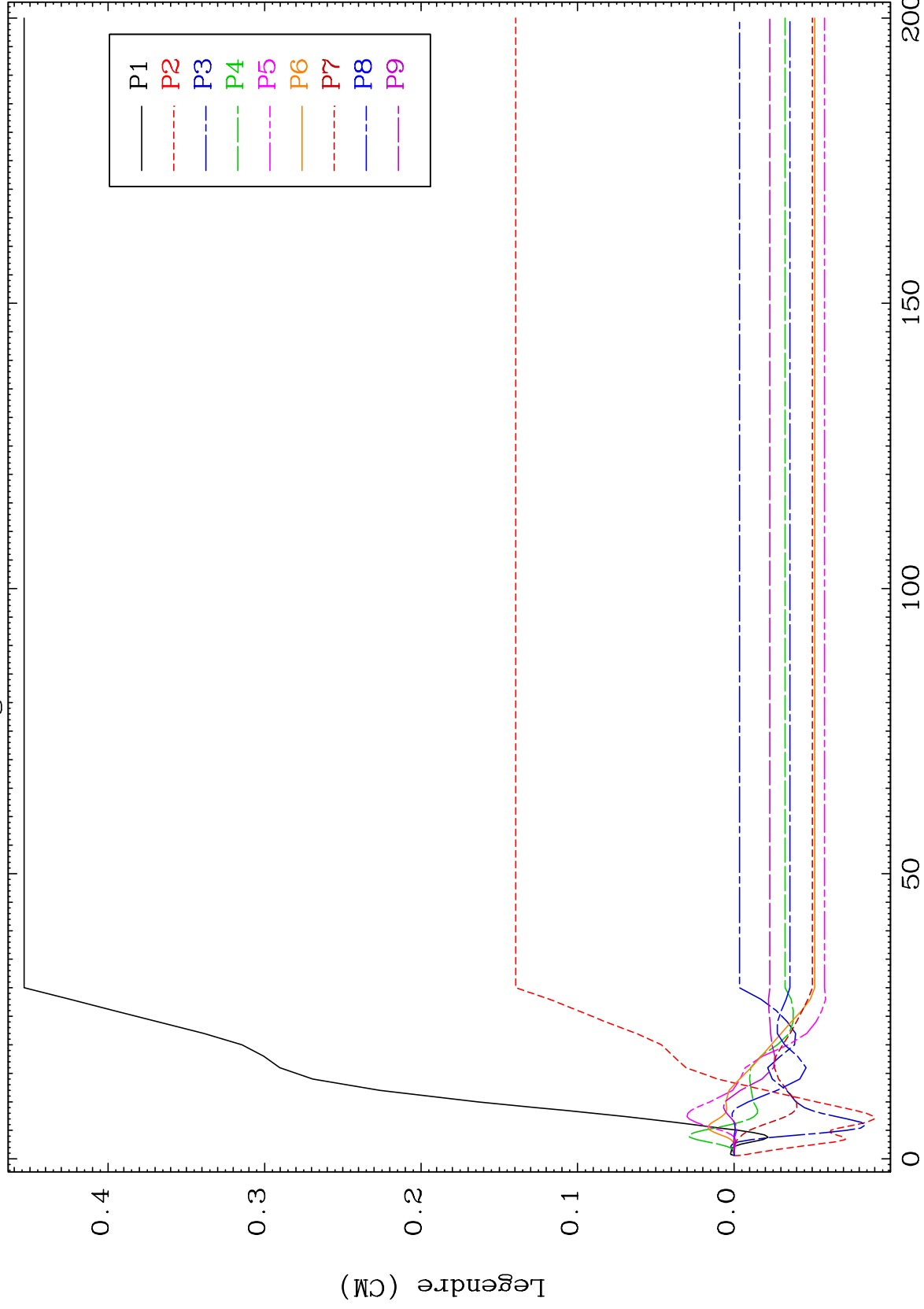
Incident Energy (MeV)

57-La-125

MAT 5686

546.0 keV (n,n') Level
Legendre Coefficients

57-La-125



52

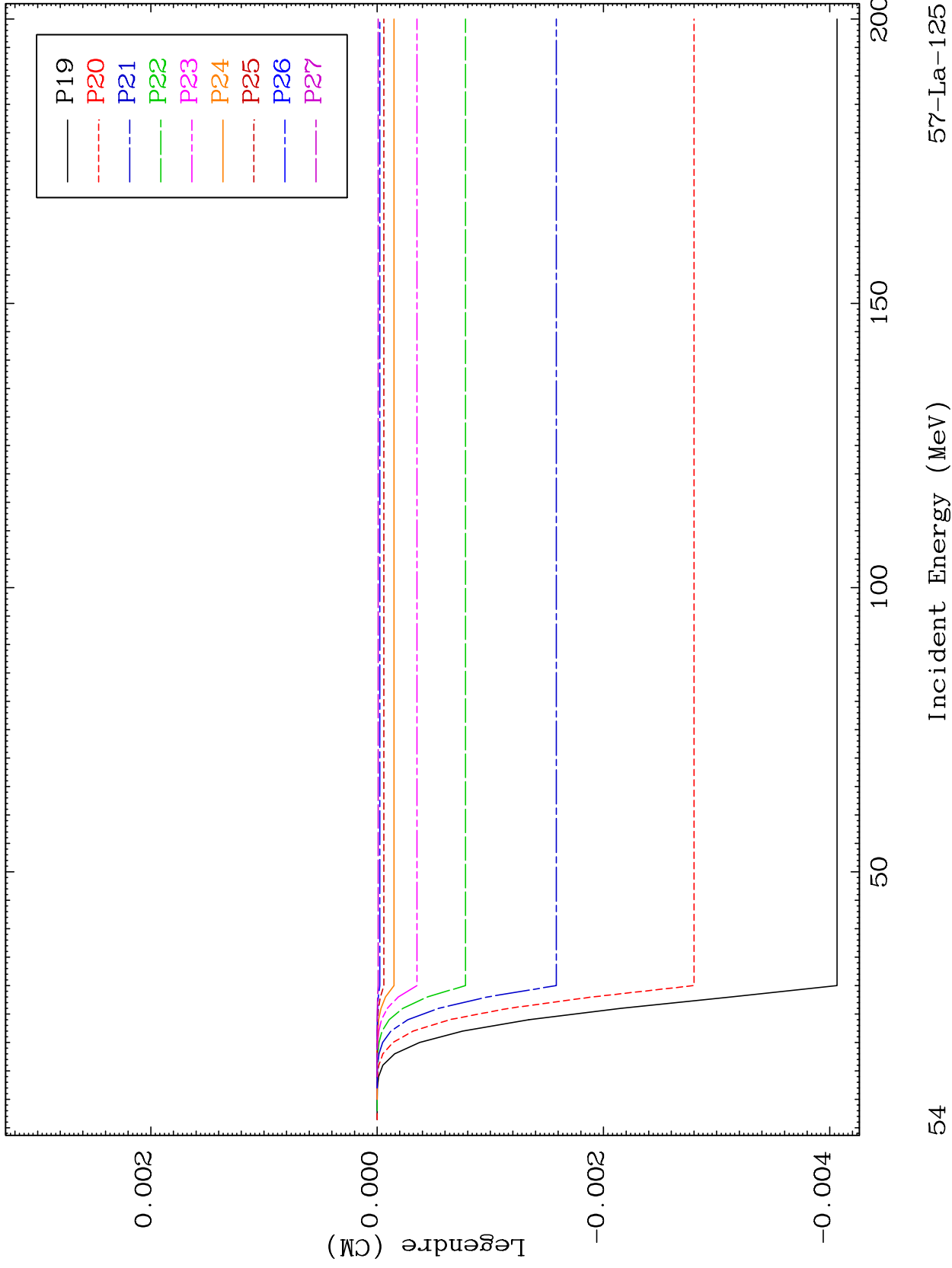
Incident Energy (MeV)

57-La-125

MAT 5686

546.0 keV (n,n') Level
Legendre Coefficients

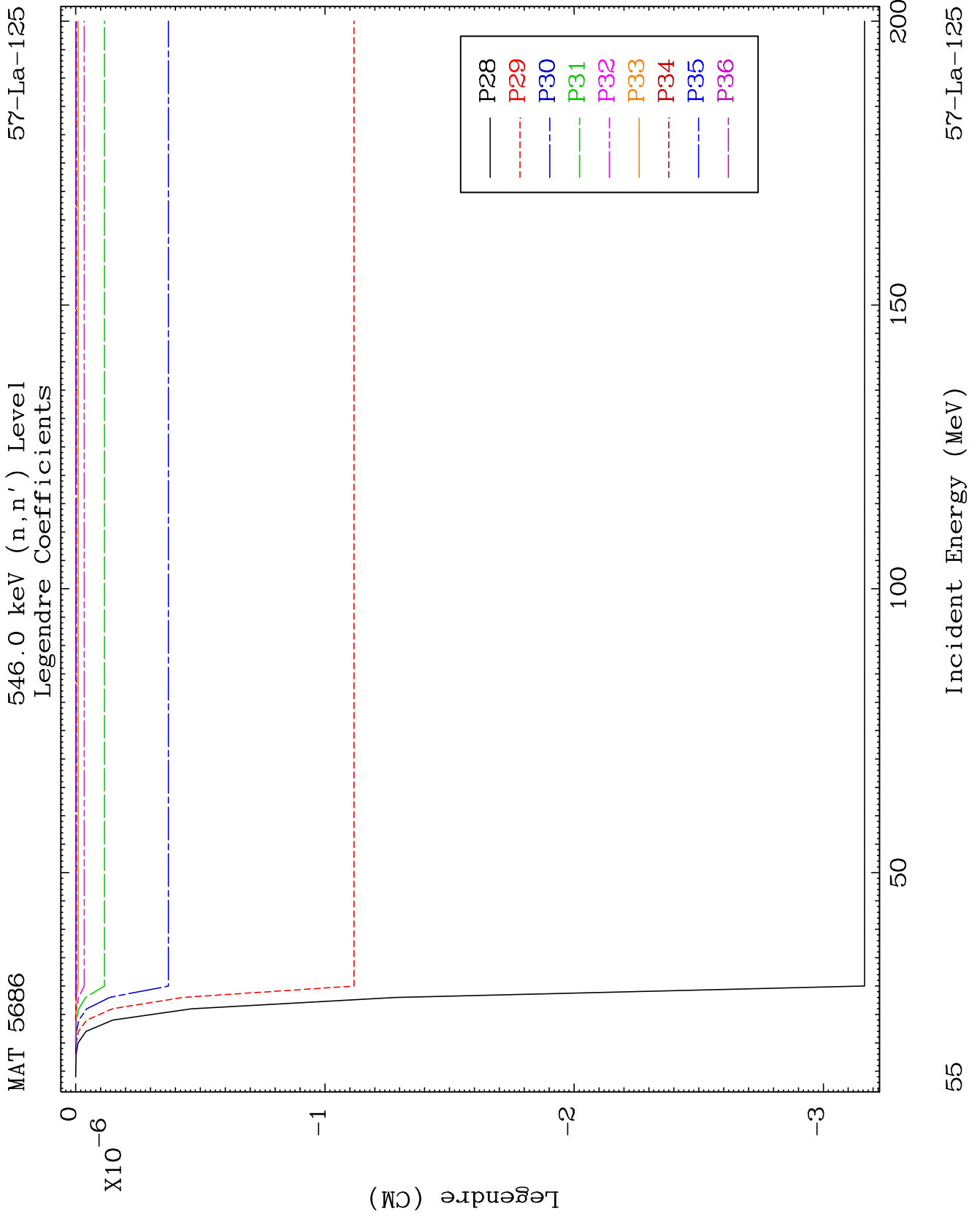
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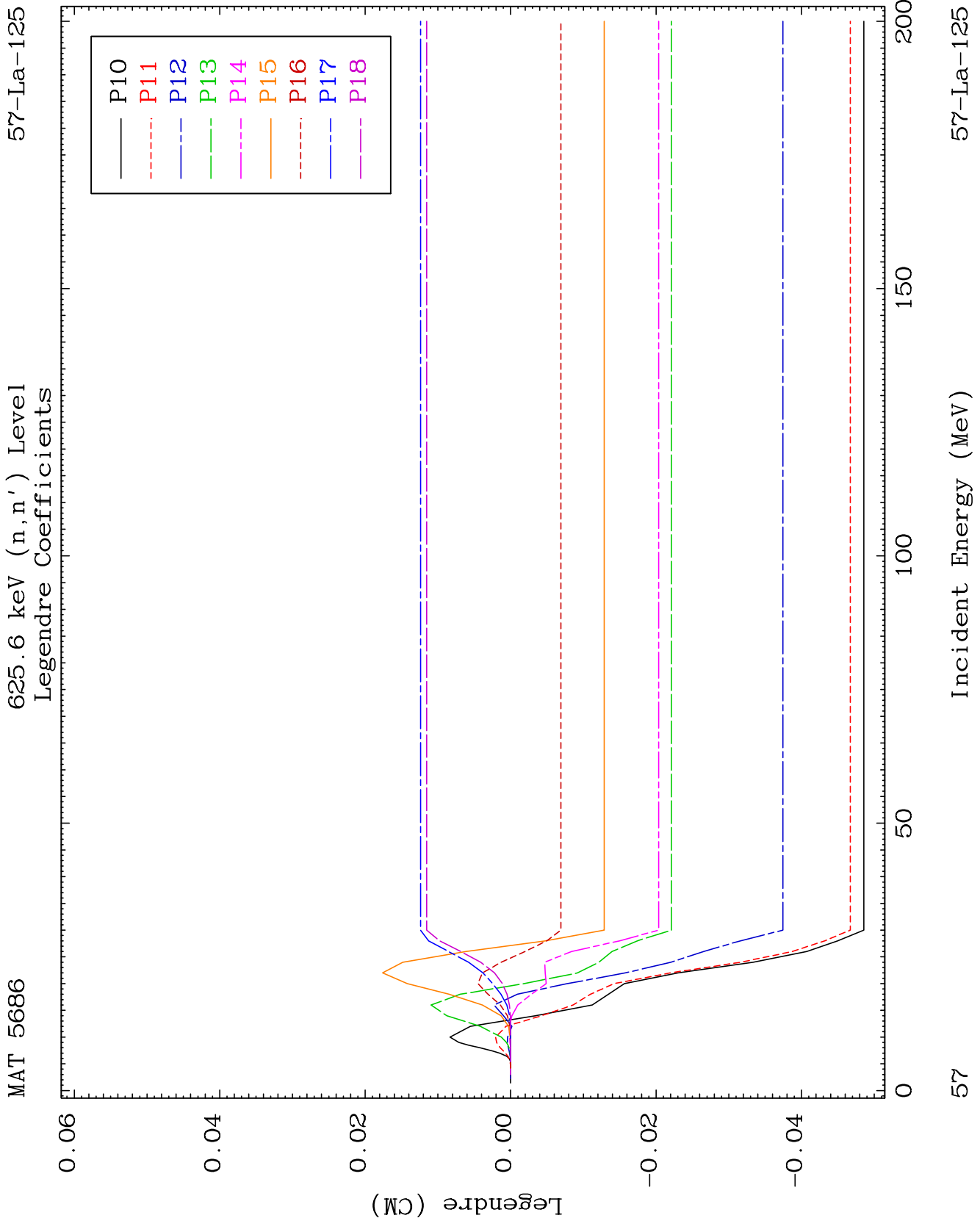


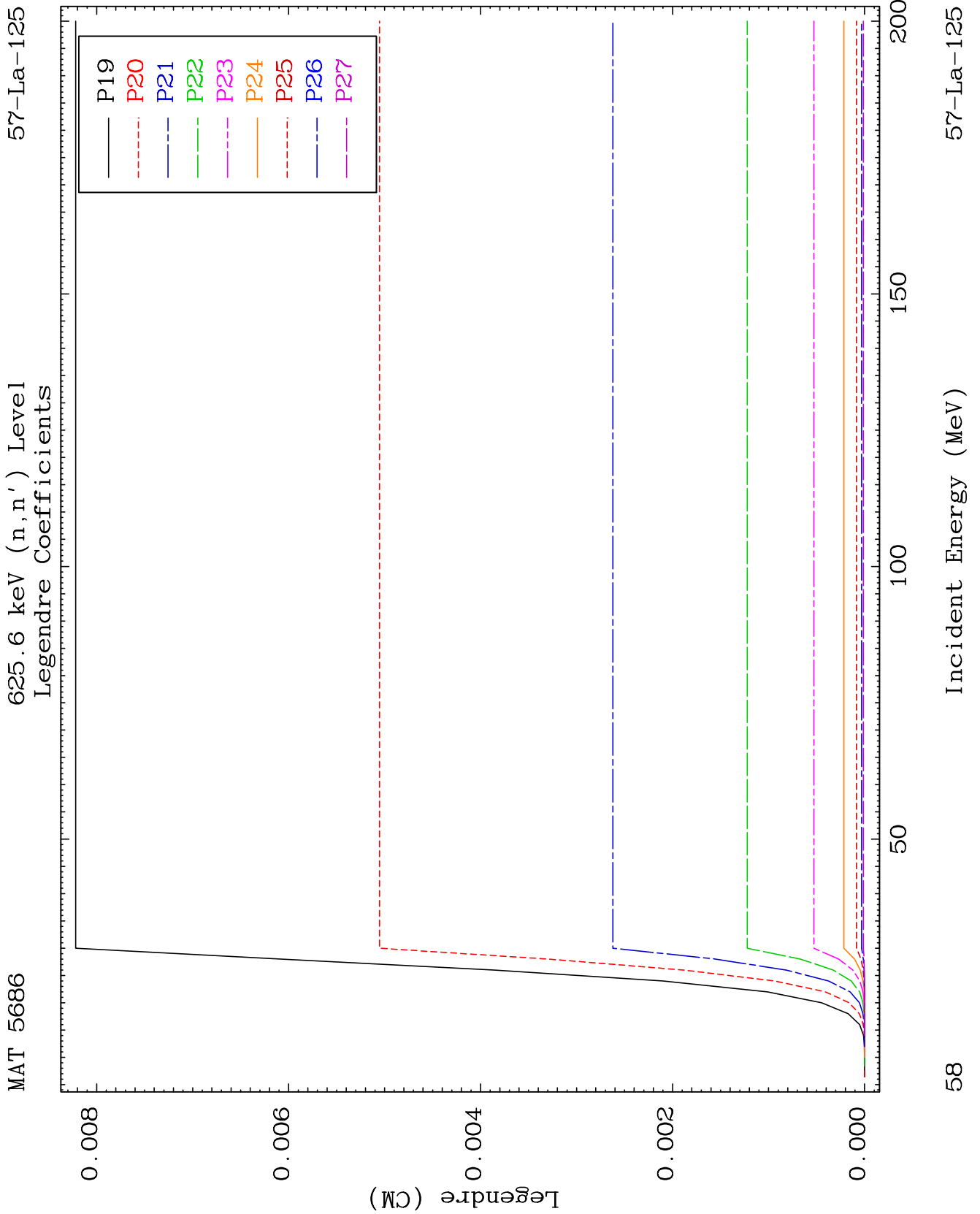
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Incident Energy (MeV)

57-La-125



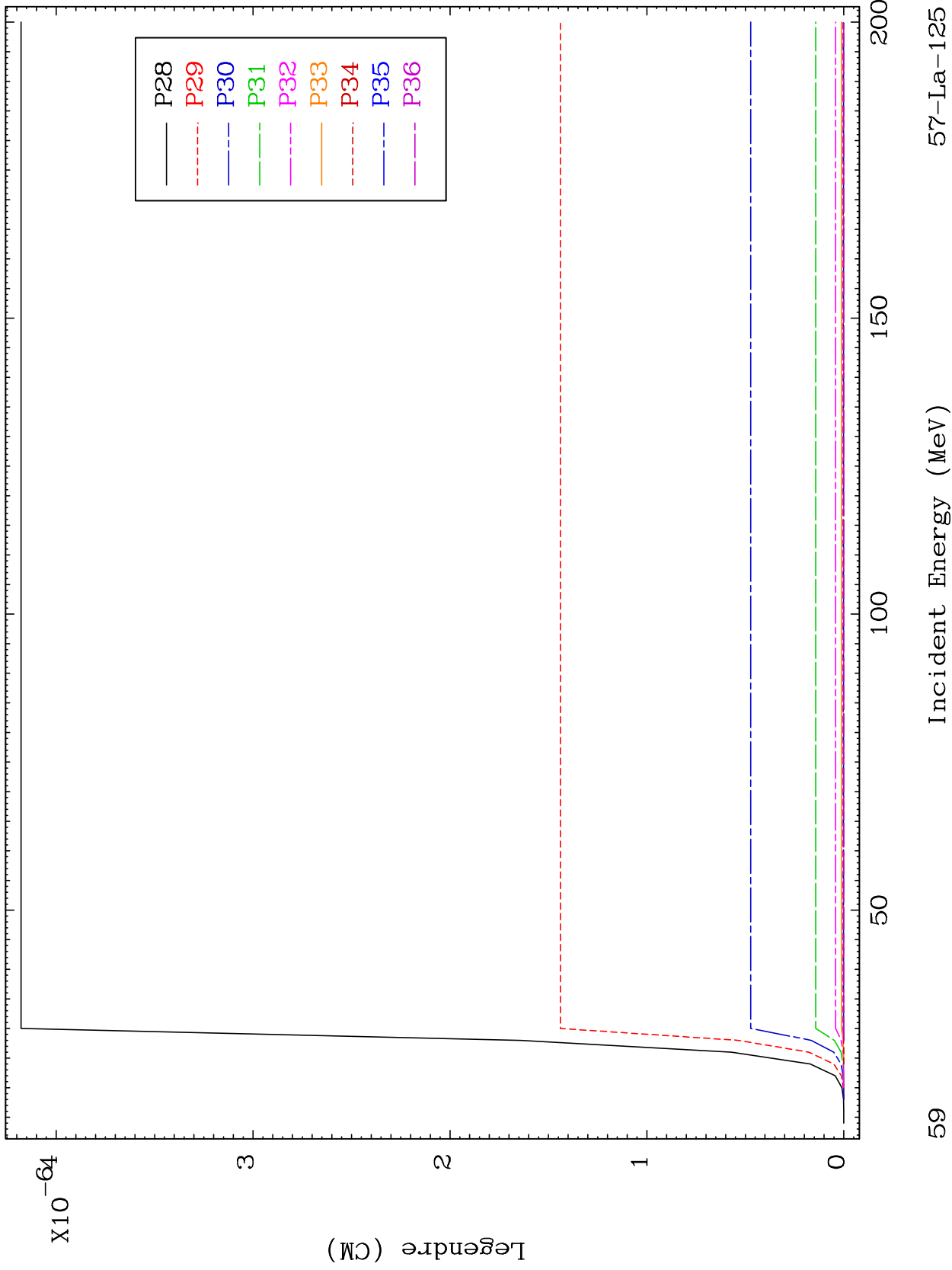




MAT 5686

625.6 keV (n,n') Level
Legendre Coefficients

57-La-125



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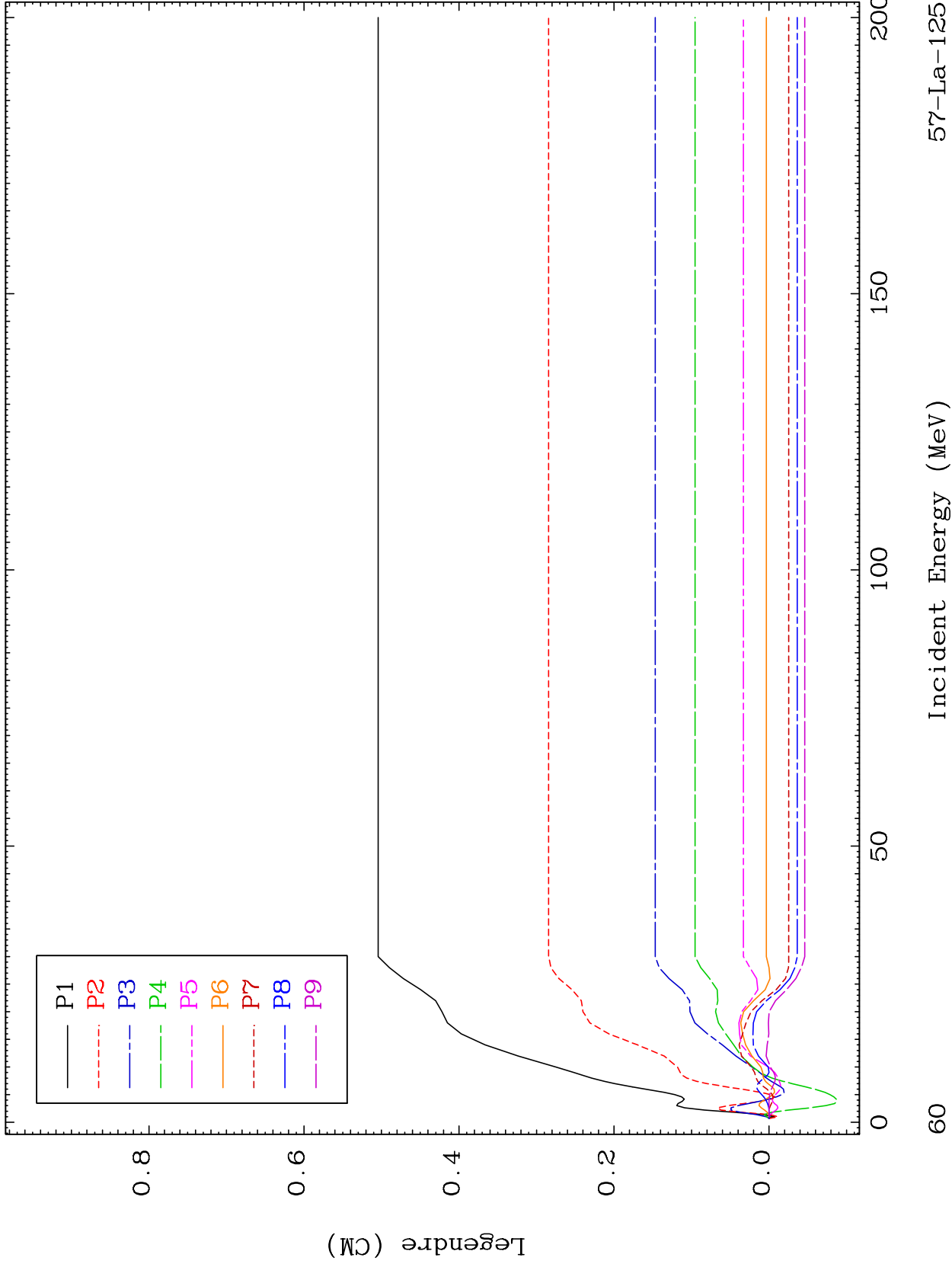
Incident Energy (MeV)

57-La-125

MAT 5686

643.9 keV (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

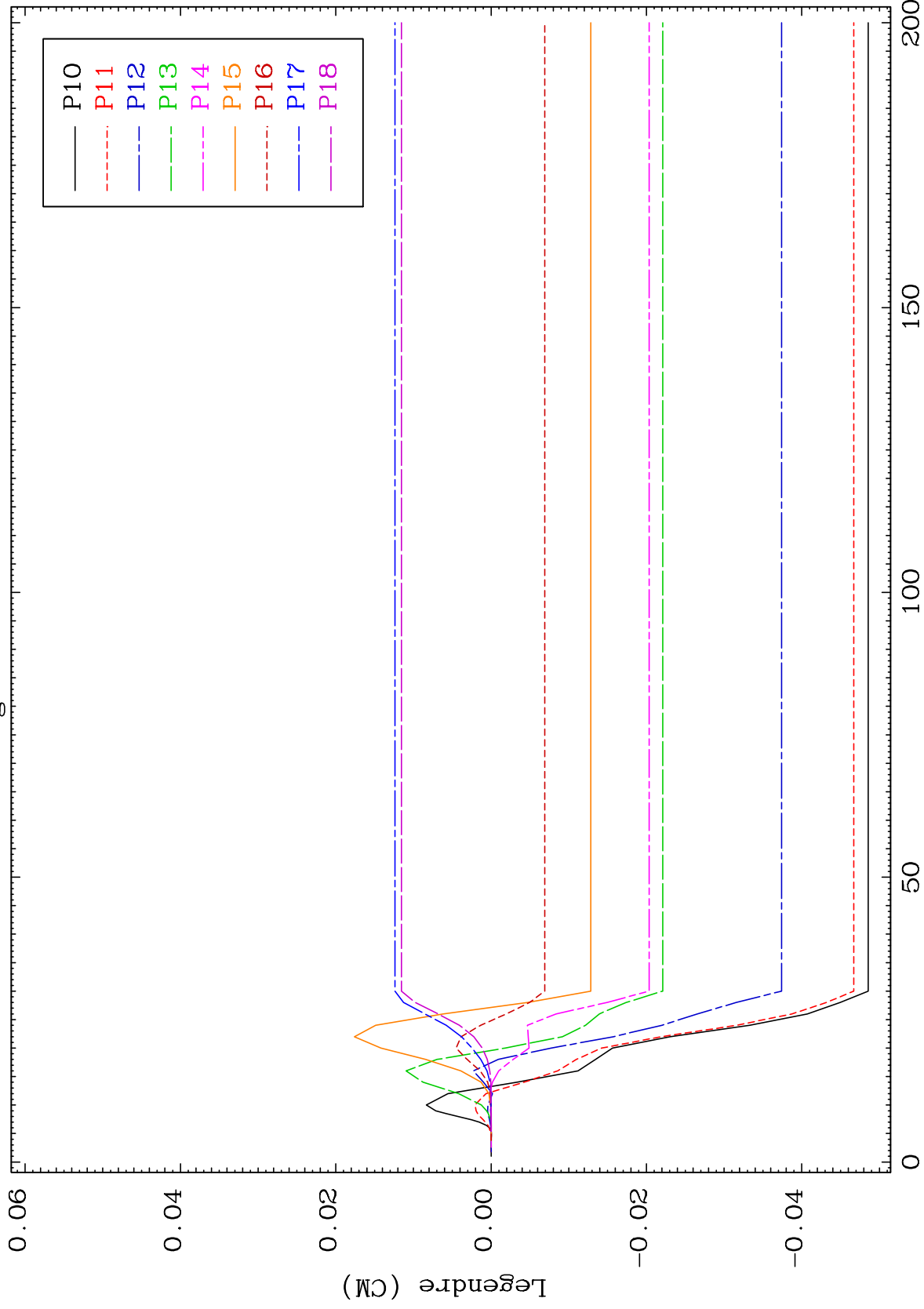
Incident Energy (MeV)

60

MAT 5686

643.9 keV (n,n') Level
Legendre Coefficients

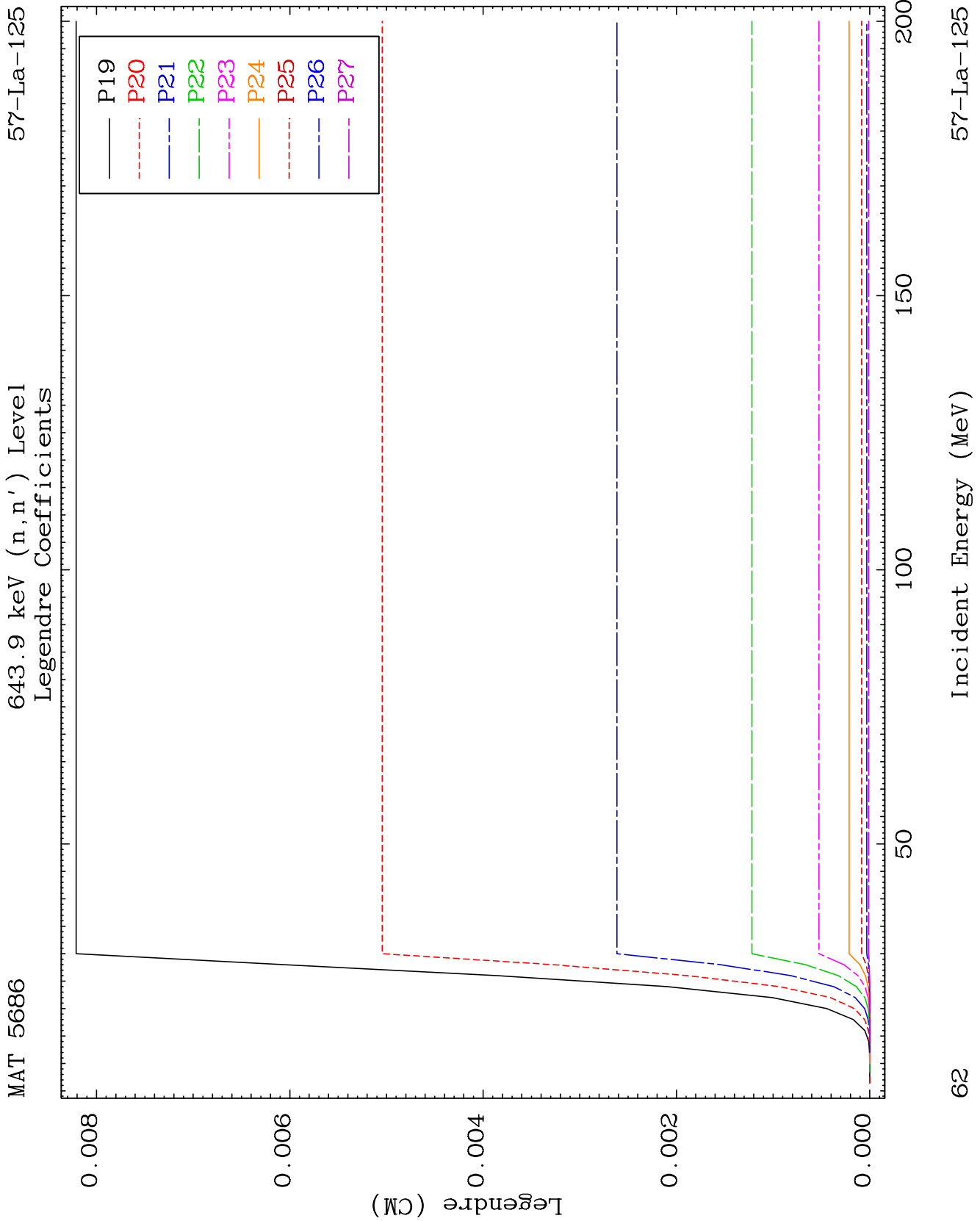
57-La-125



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Incident Energy (MeV)

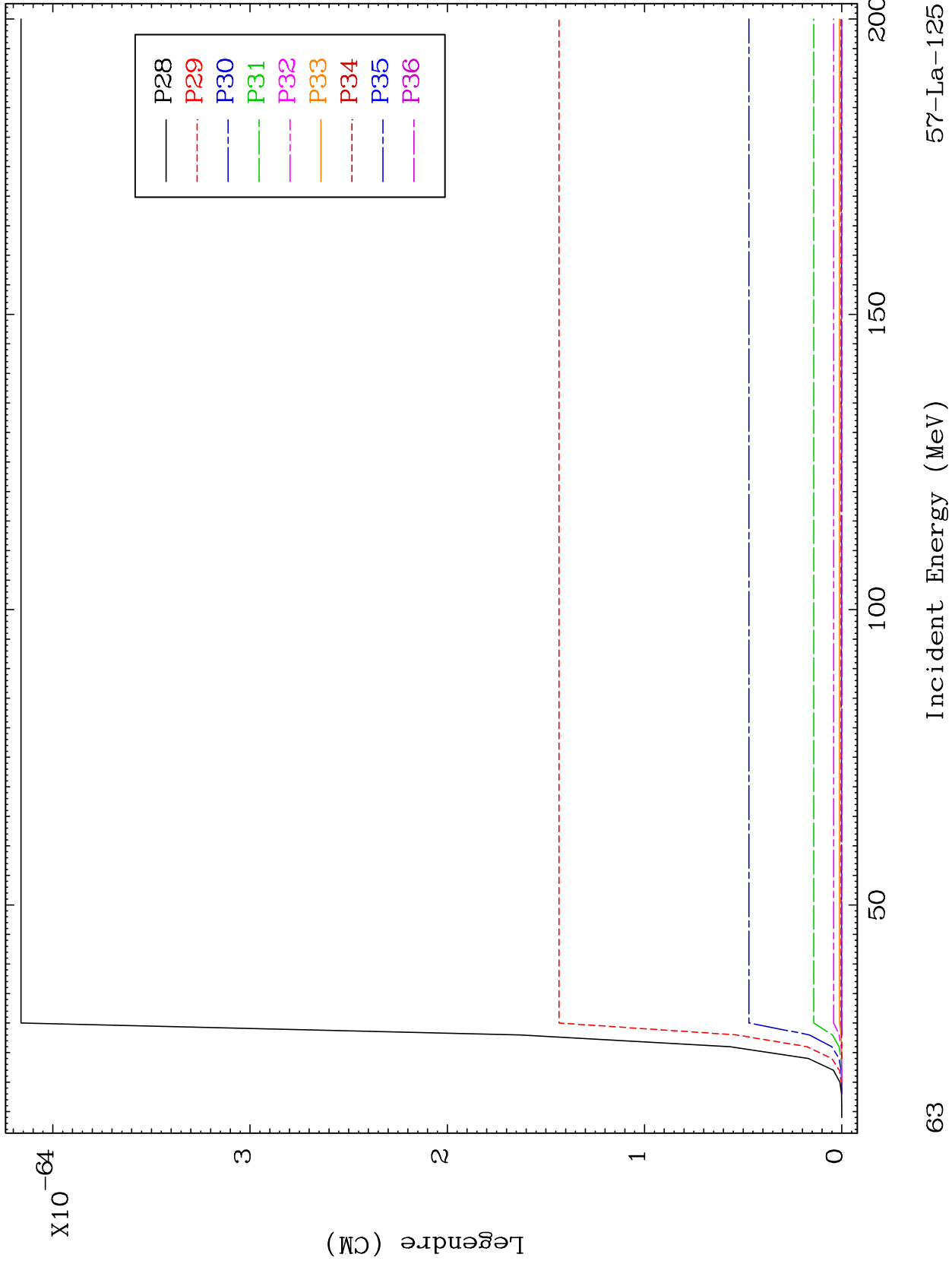
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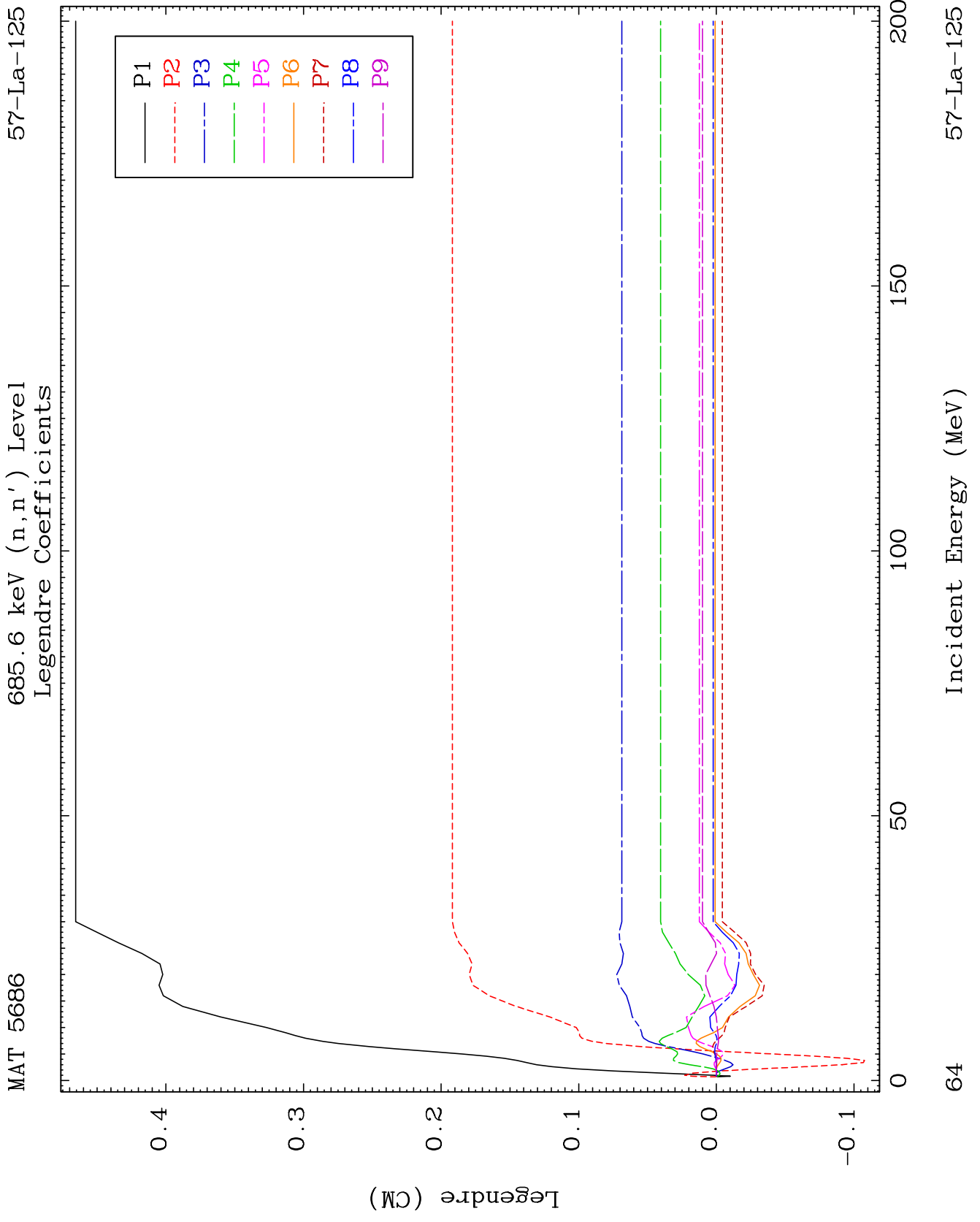


MAT 5686

643.9 keV (n,n') Level
Legendre Coefficients

57-La-125

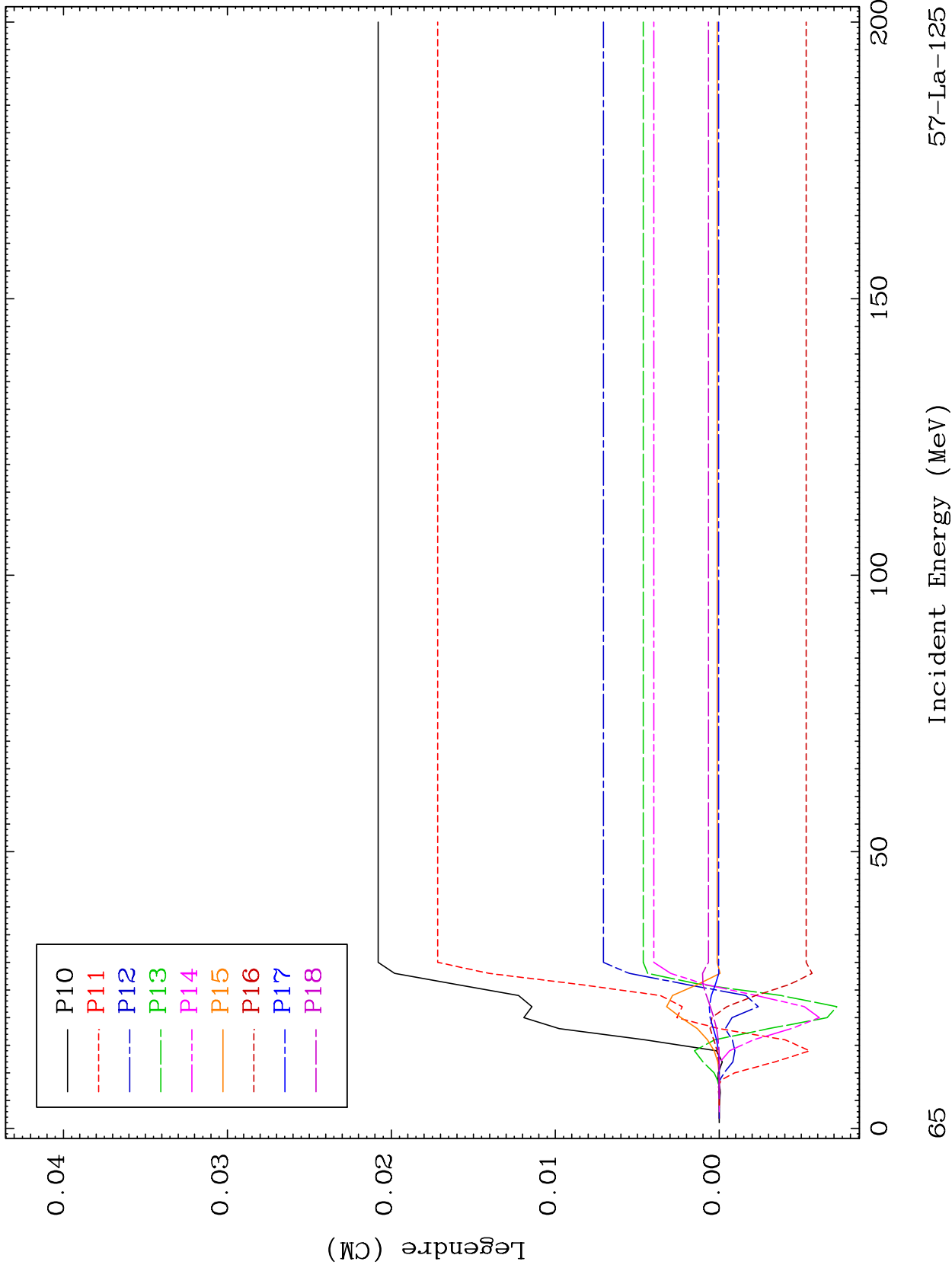




MAT 5686

685.6 keV (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

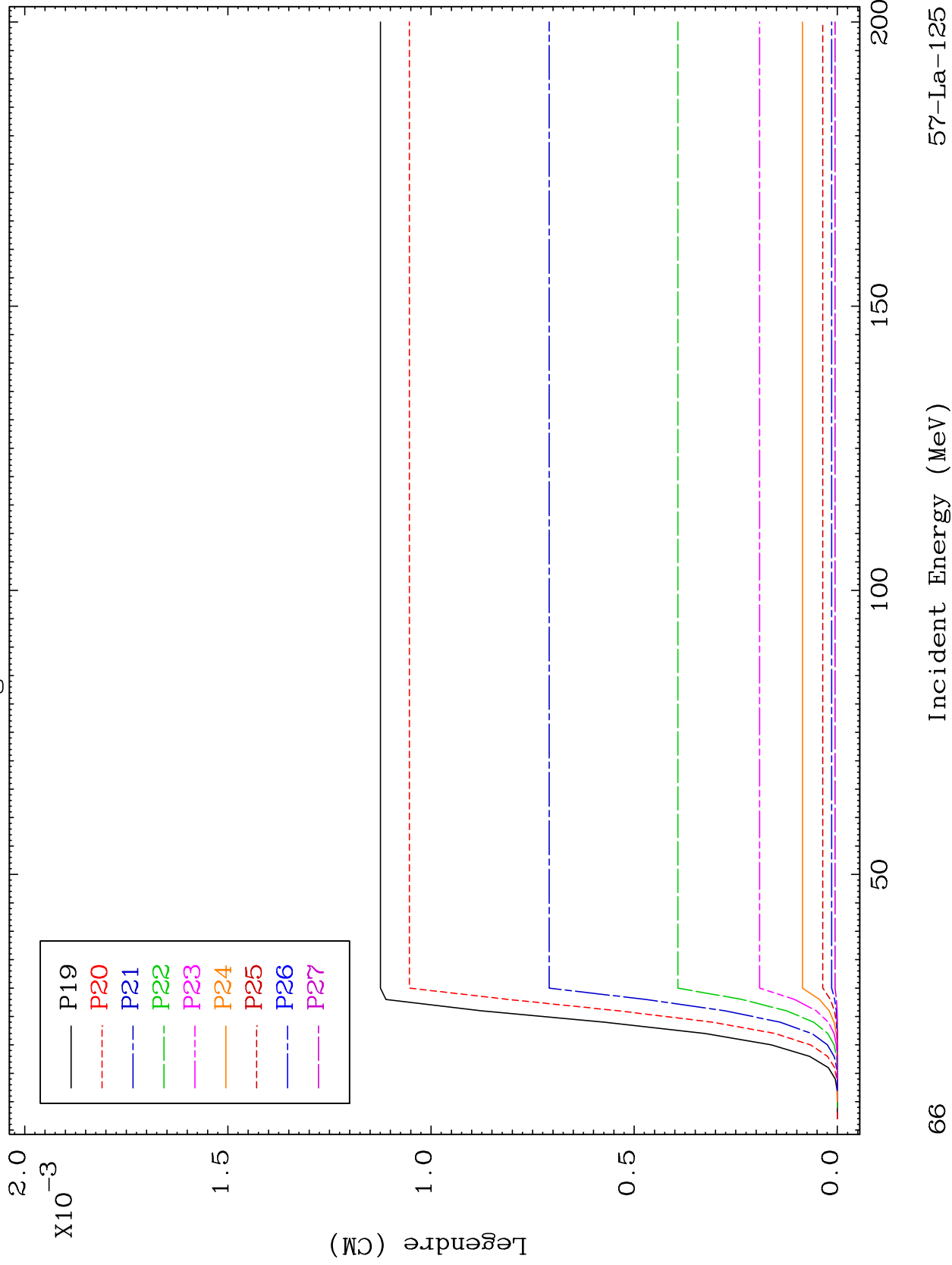
Incident Energy (MeV)

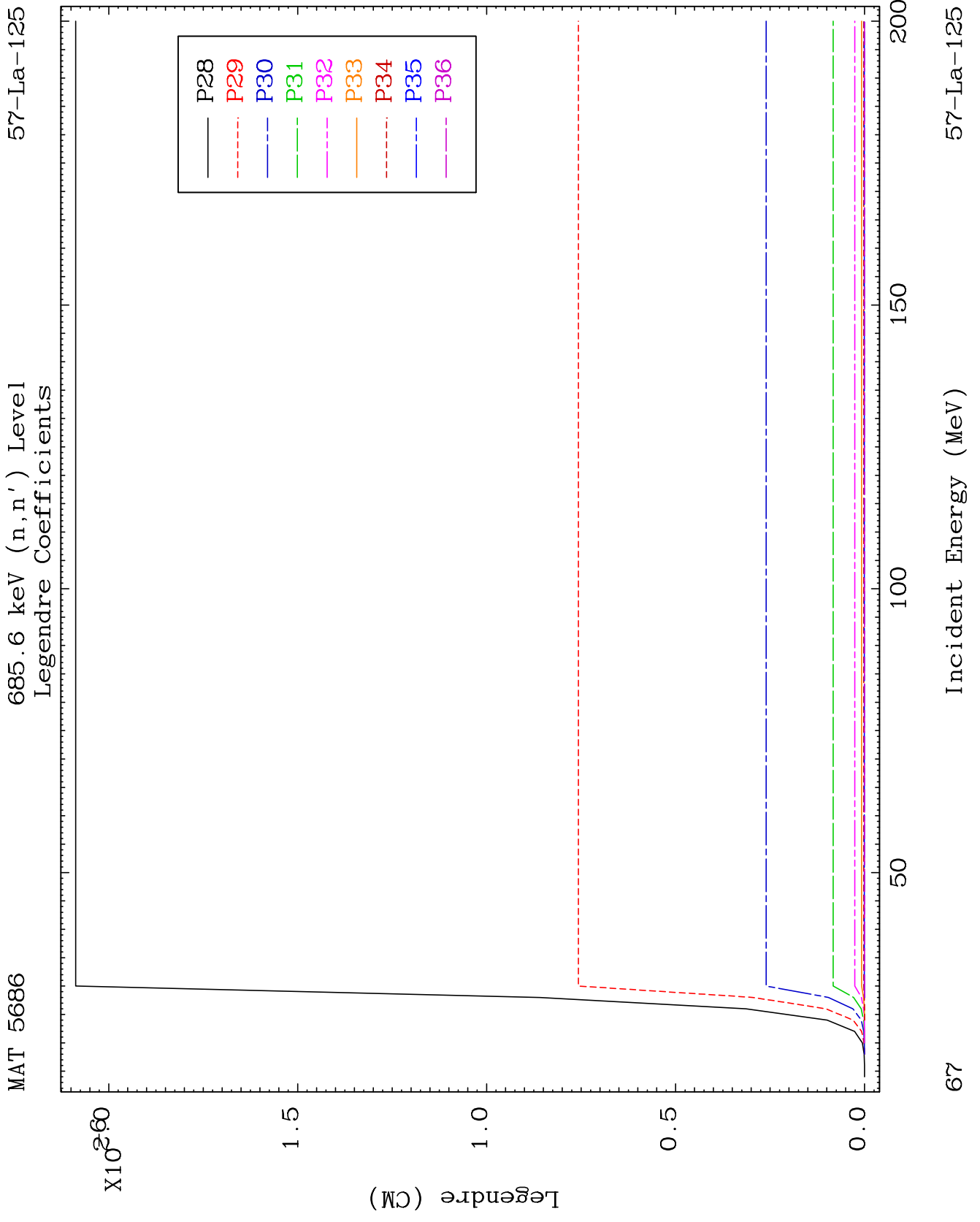
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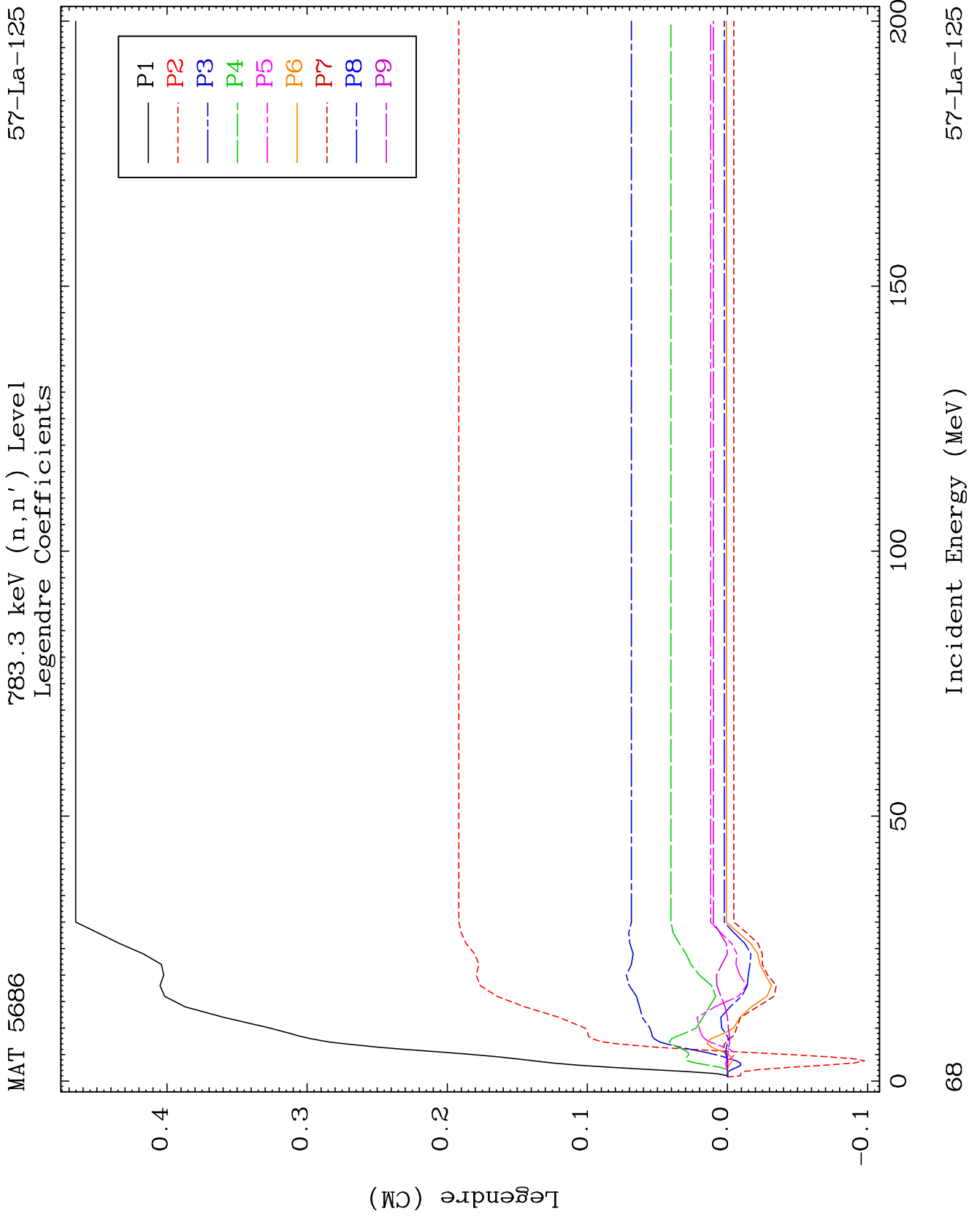
MAT 5686

685.6 keV (n,n') Level
Legendre Coefficients

57-La-125



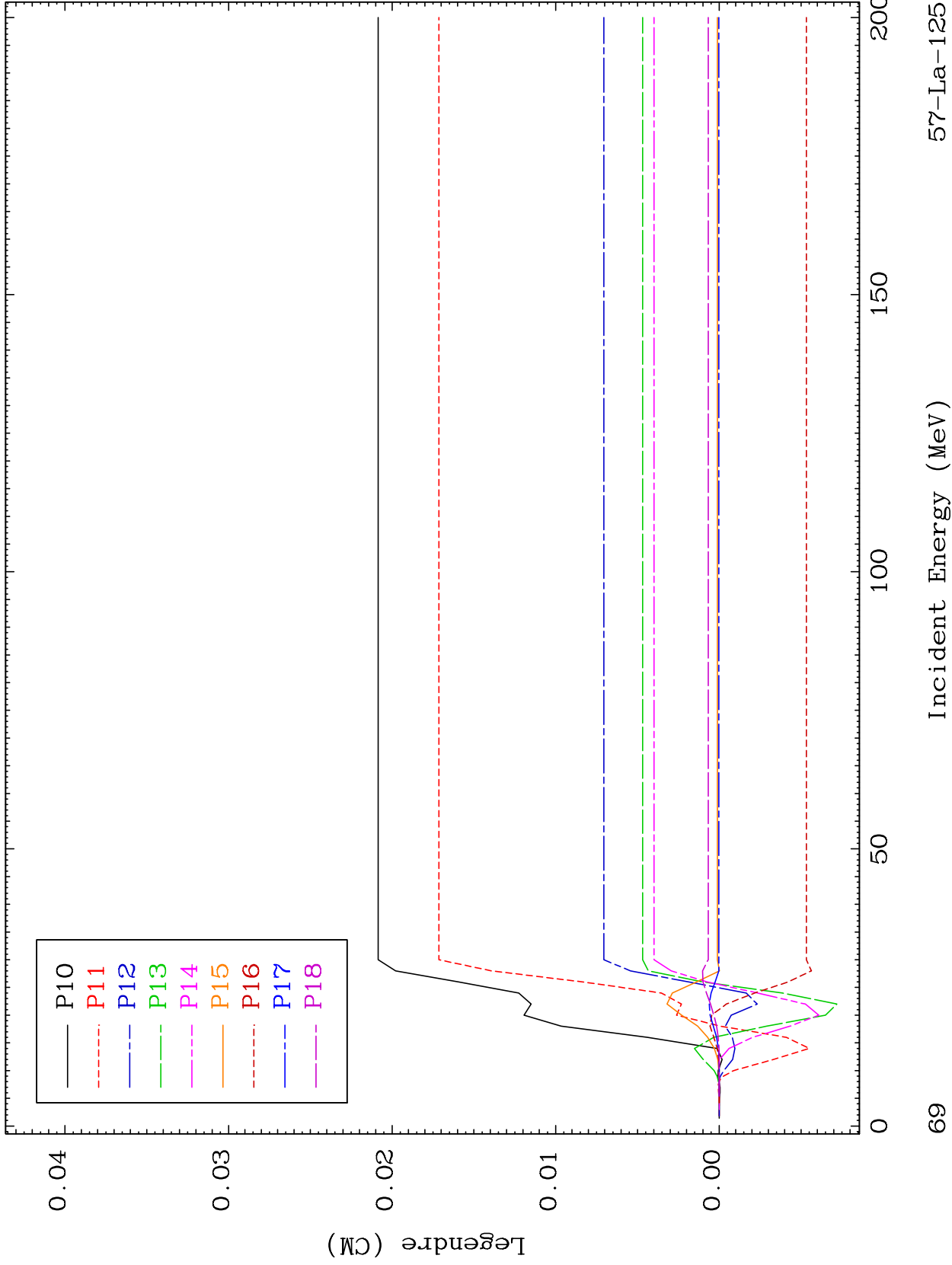




MAT 5686

783.3 keV (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

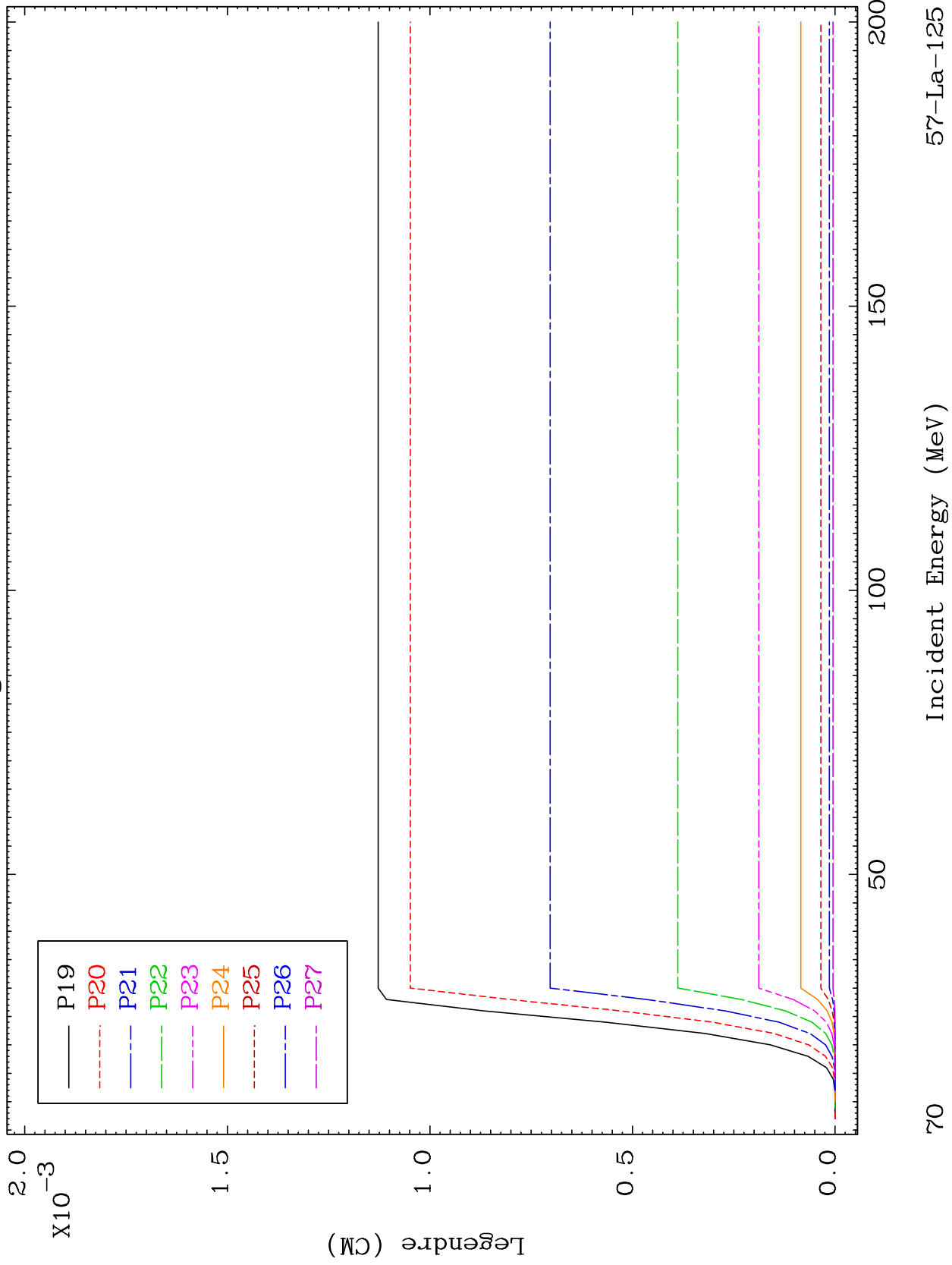
Incident Energy (MeV)

69

MAT 5686

783.3 keV (n,n') Level
Legendre Coefficients

57-La-125



70

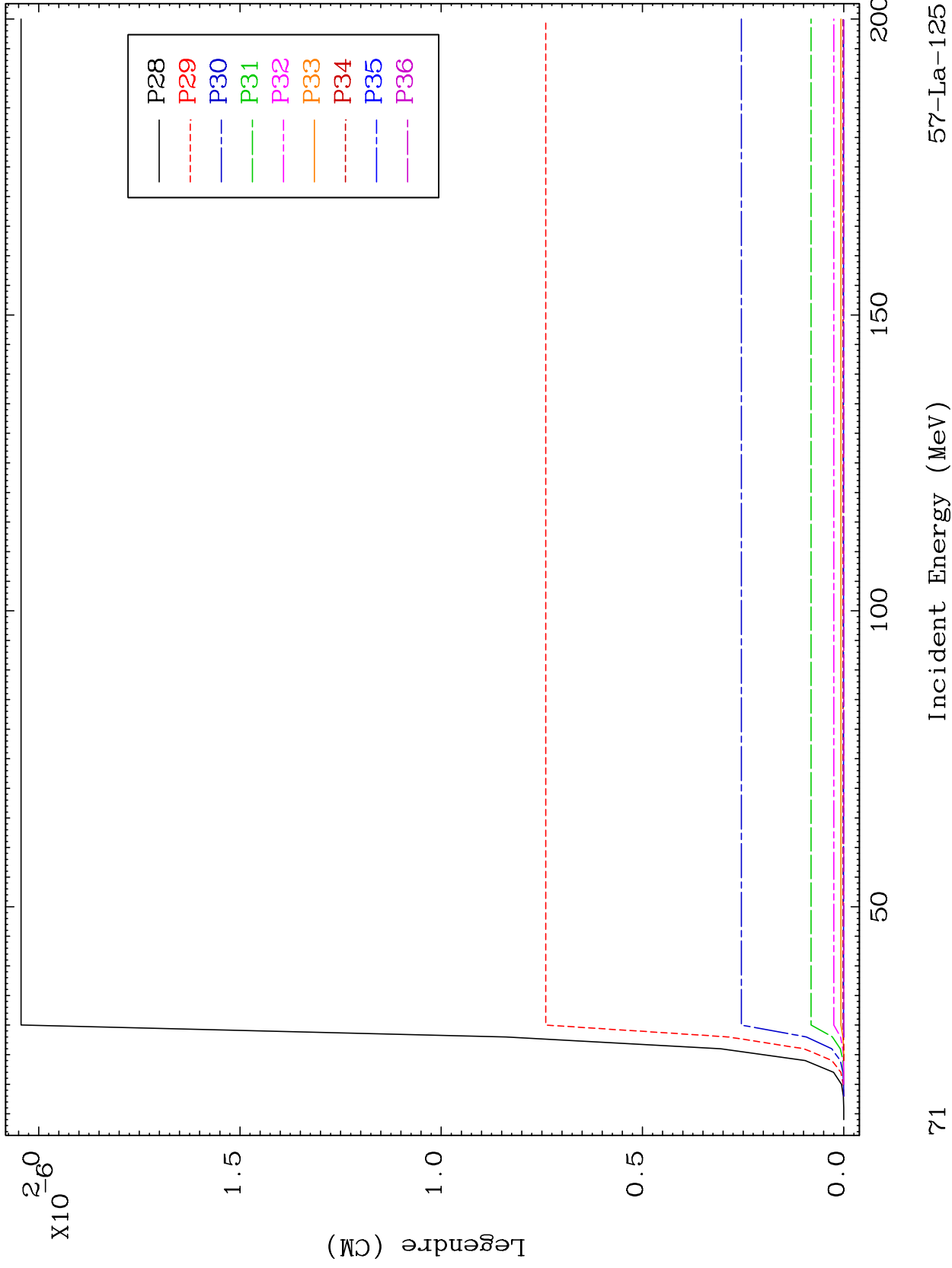
Incident Energy (MeV)

57-La-125

MAT 5686

783.3 keV (n,n') Level
Legendre Coefficients

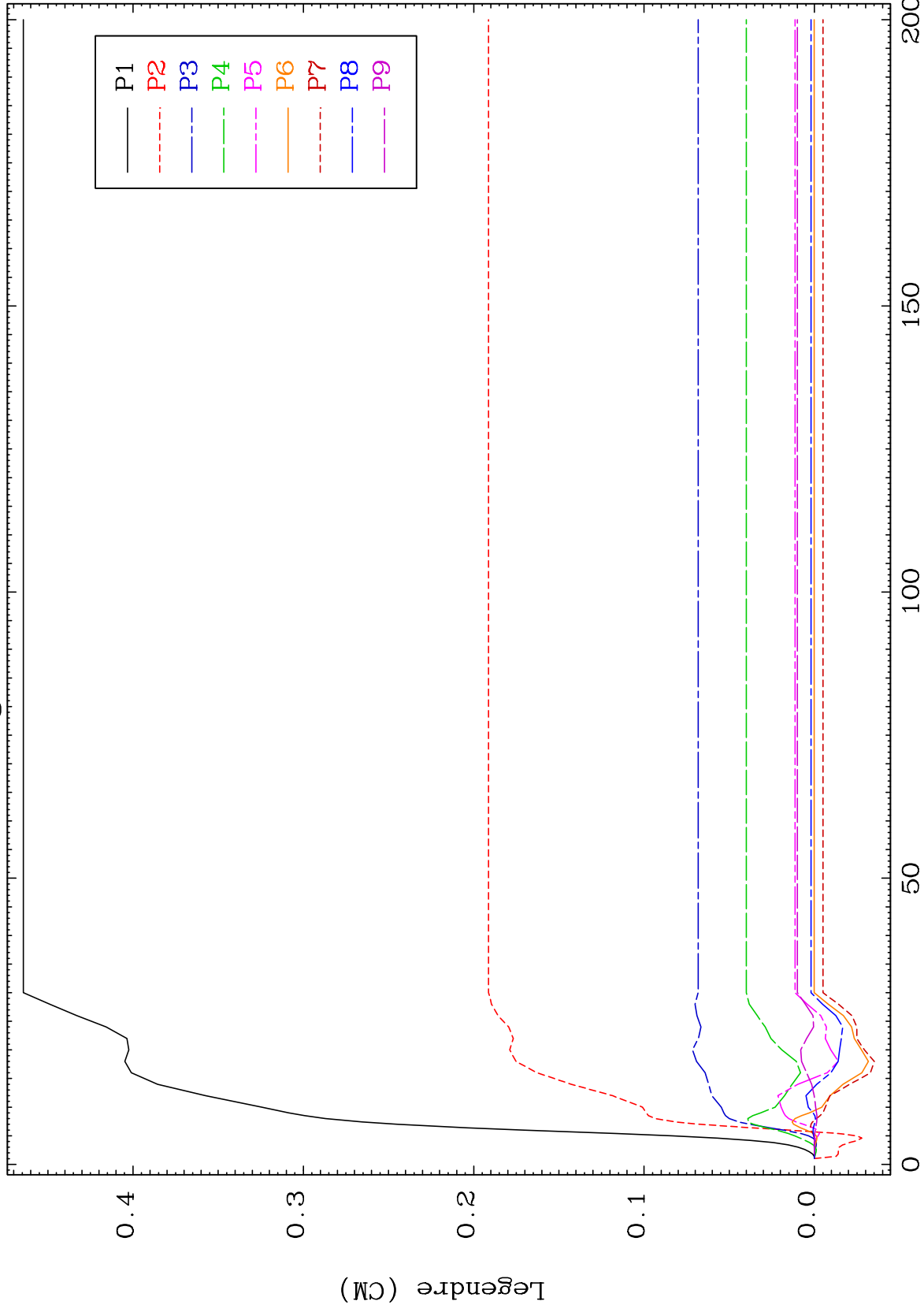
57-La-125



MAT 5686

1.005 MeV (n,n') Level
Legendre Coefficients

57-La-125



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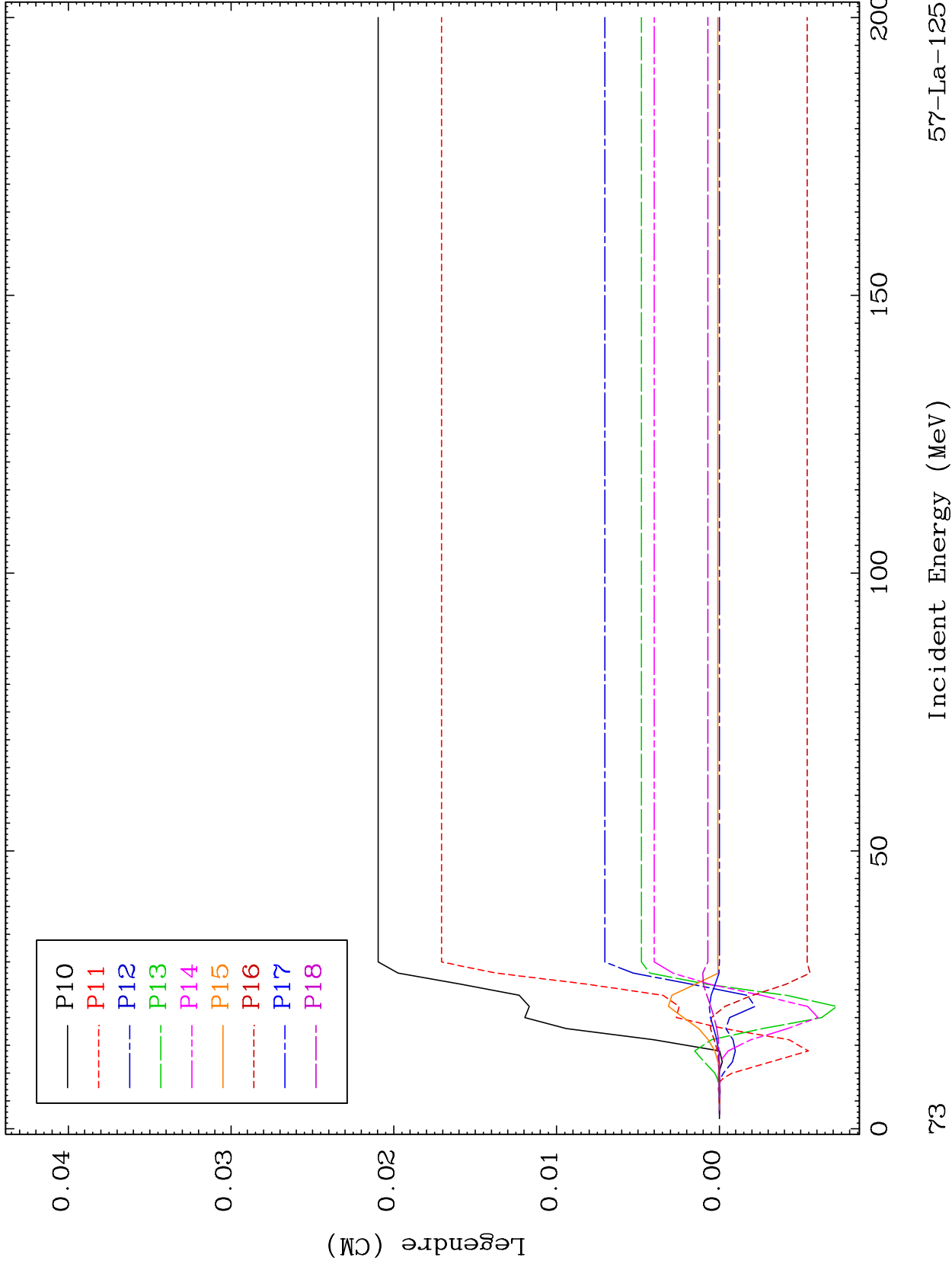
Incident Energy (MeV)

57-La-125

MAT 5686

1.005 MeV (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

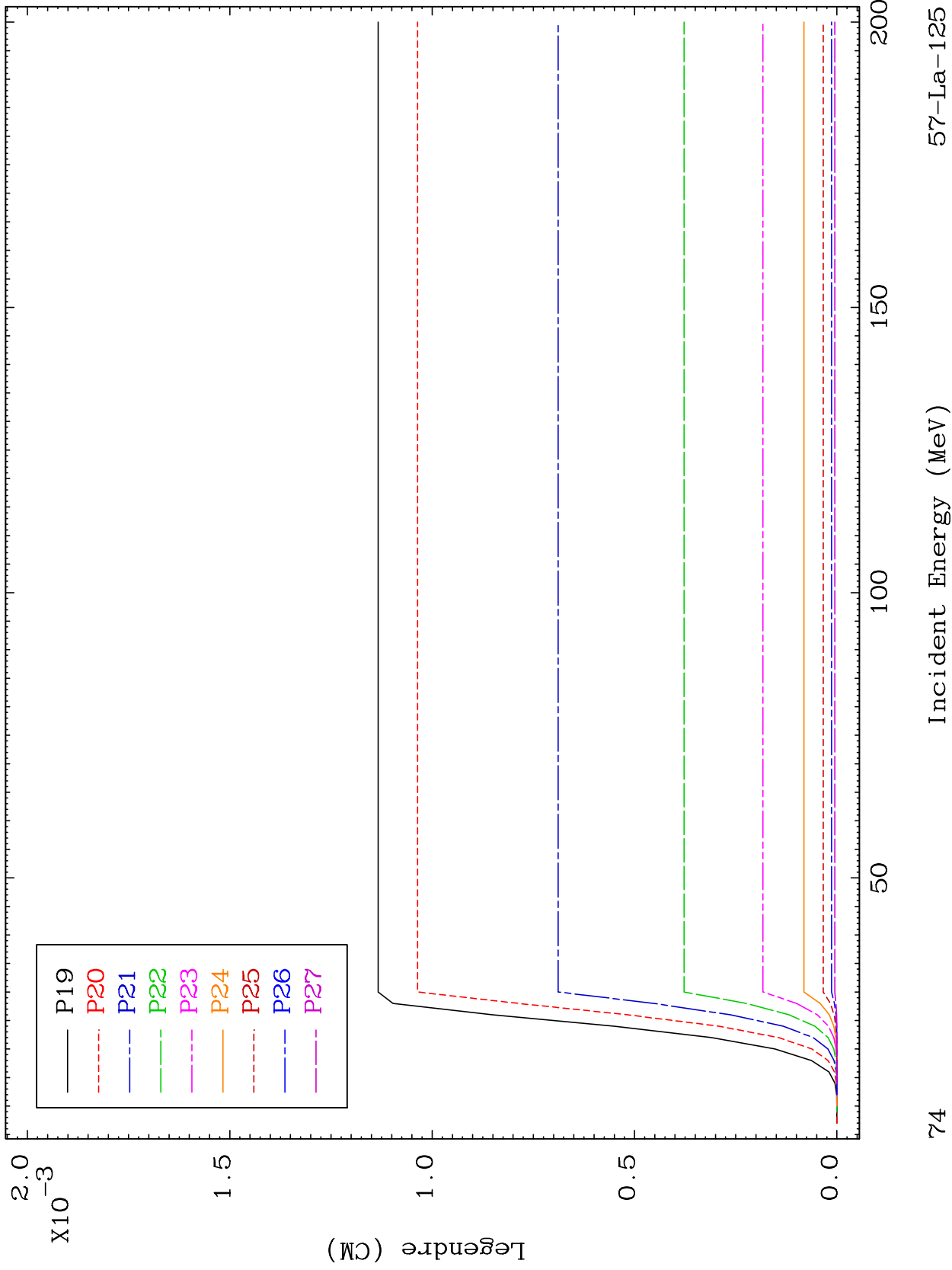
Incident Energy (MeV)

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MAT 5686

1.005 MeV (n,n') Level
Legendre Coefficients

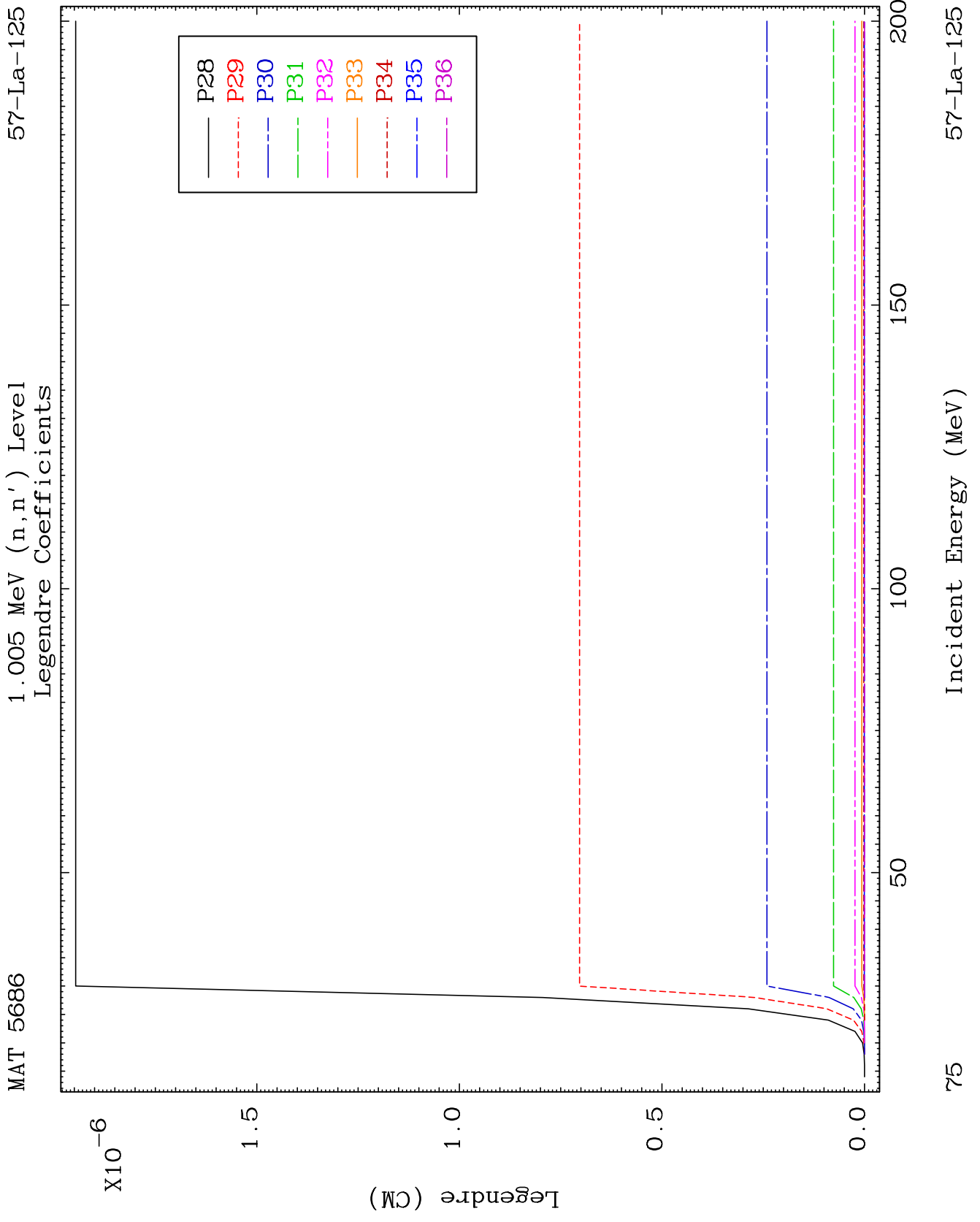
57-La-125

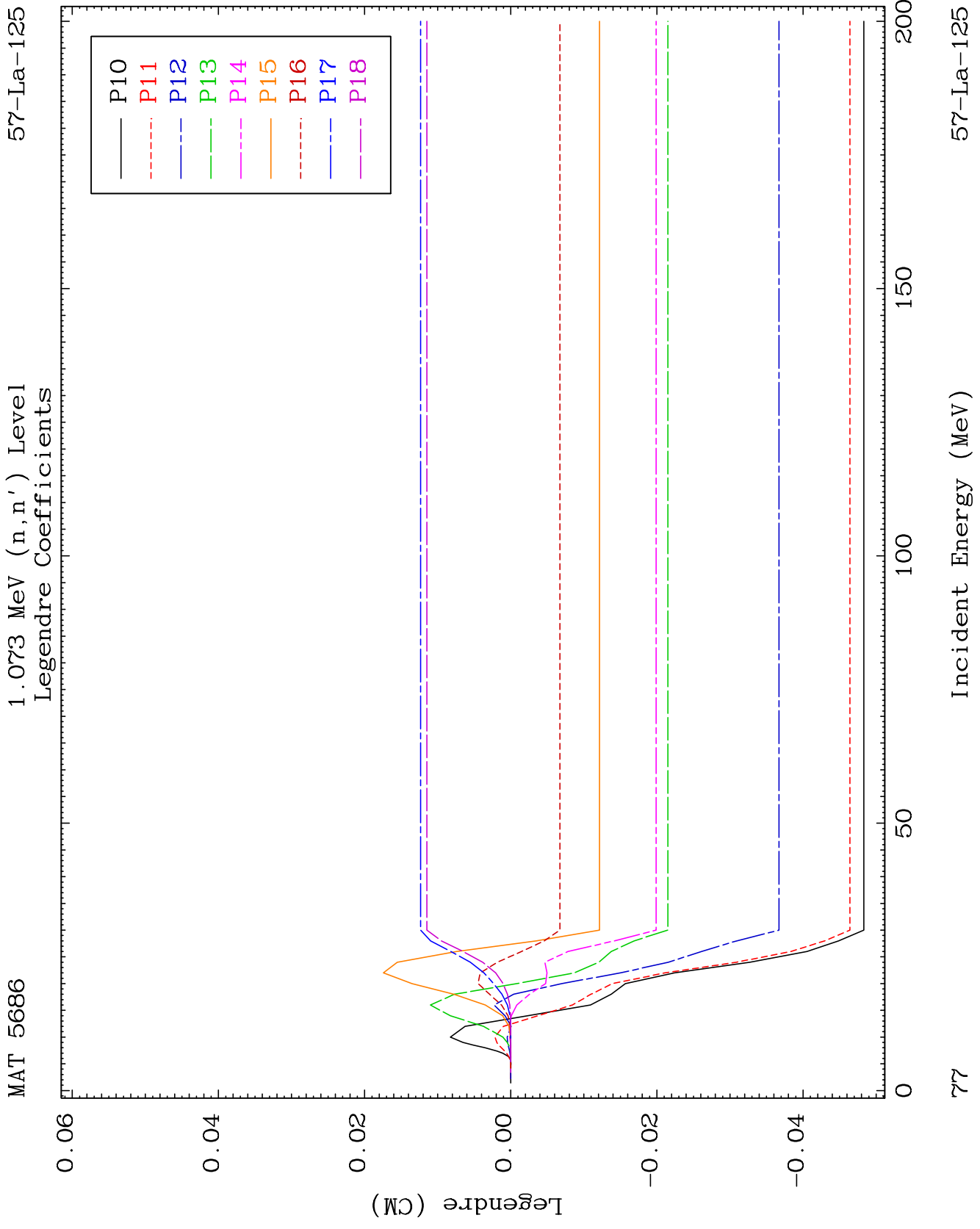


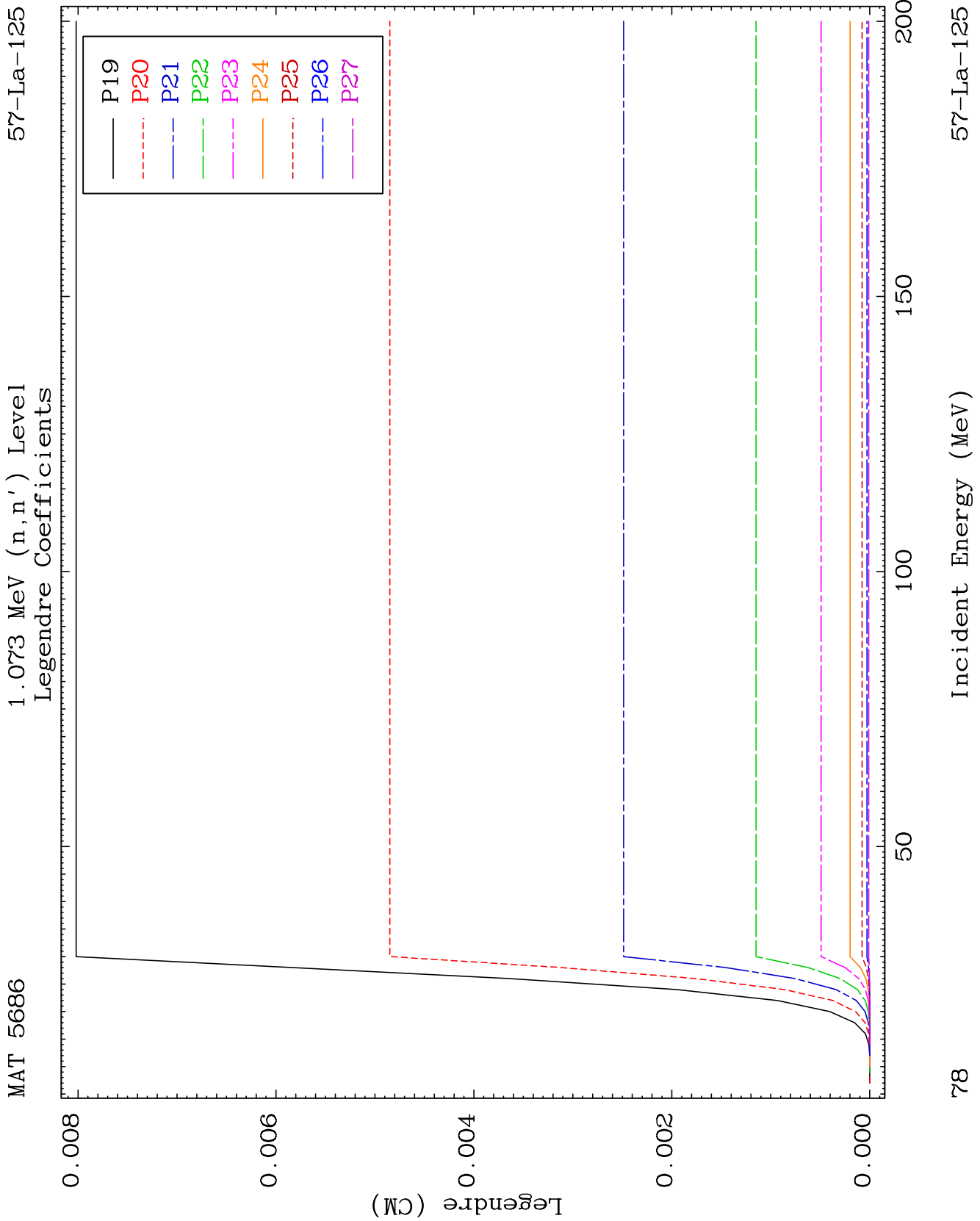
74

Incident Energy (MeV)

57-La-125



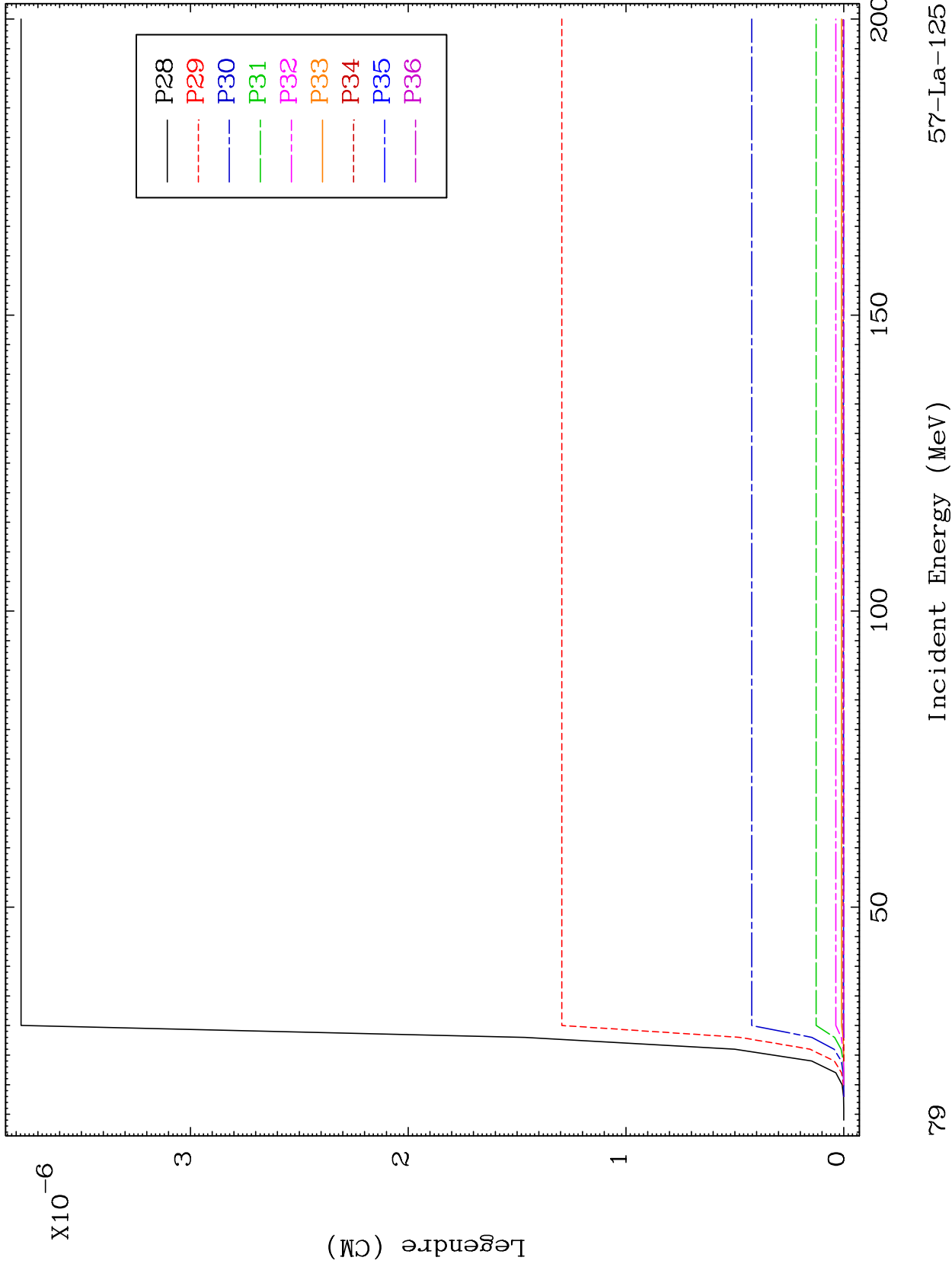




MAT 5686

1.073 MeV (n,n') Level
Legendre Coefficients

57-La-125



79

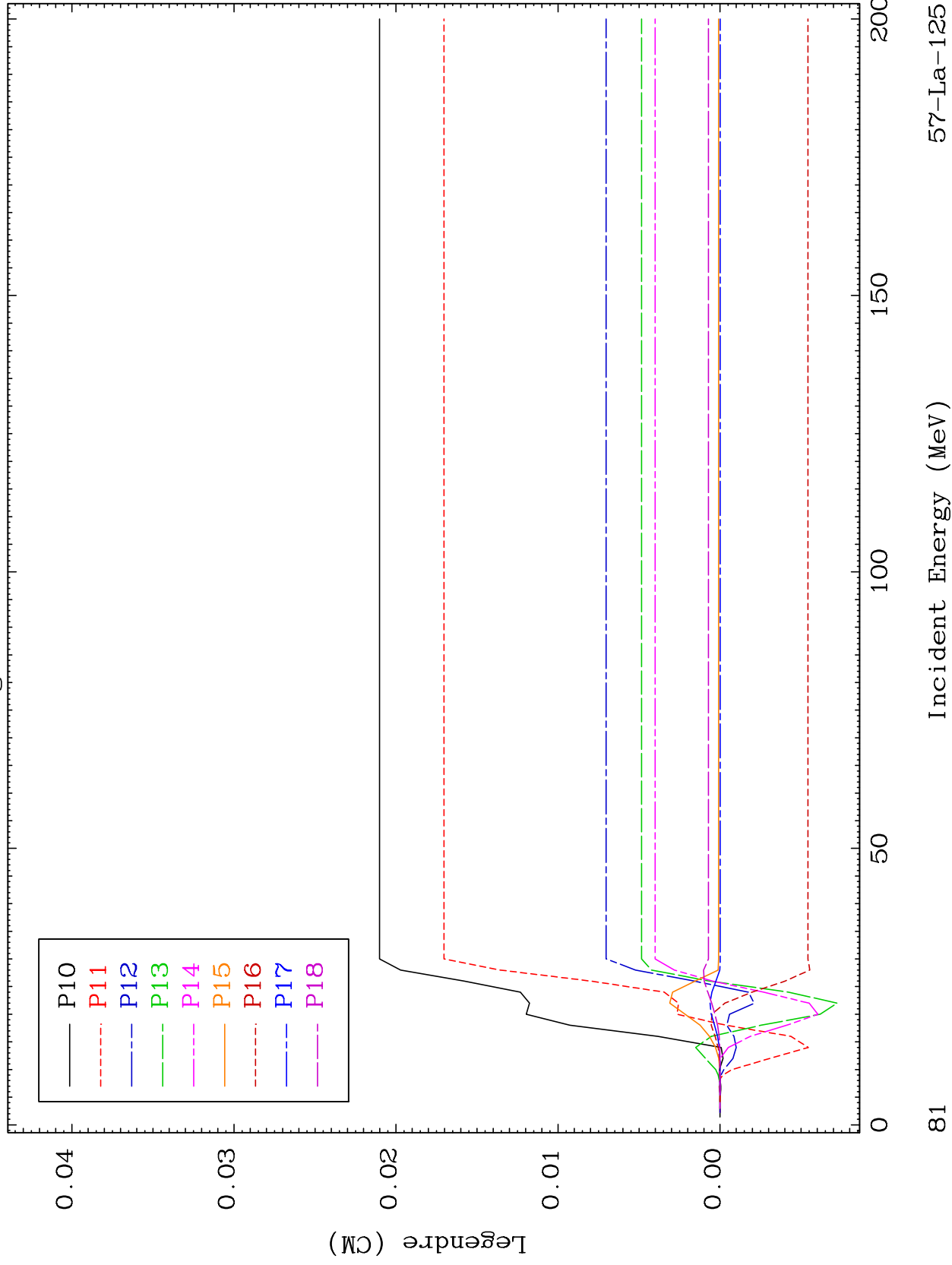
Incident Energy (MeV)

57-La-125

MAT 5686

1.111 MeV (n,n') Level
Legendre Coefficients

57-La-125



81

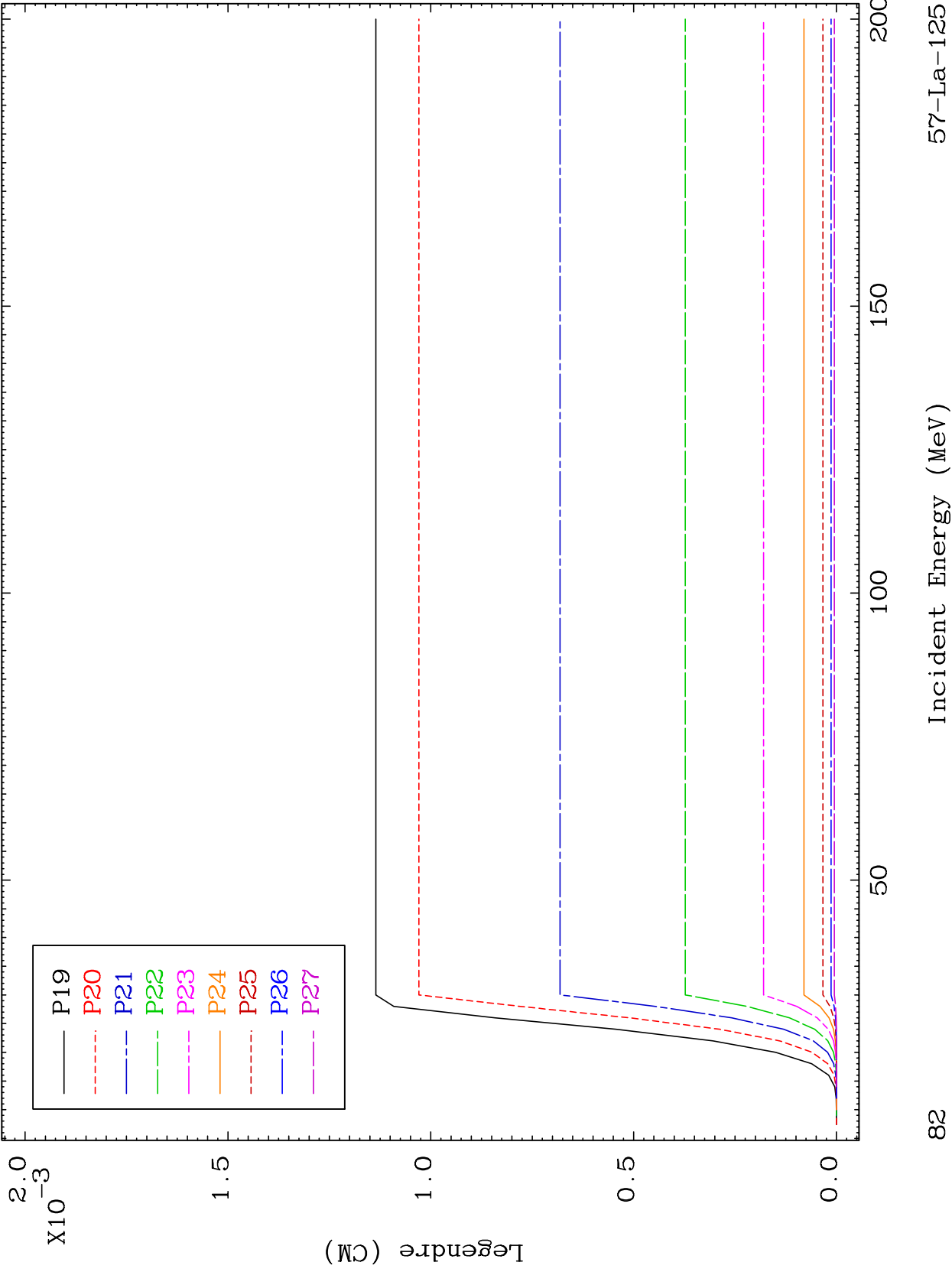
Incident Energy (MeV)

57-La-125

MAT 5686

1.111 MeV (n,n') Level
Legendre Coefficients

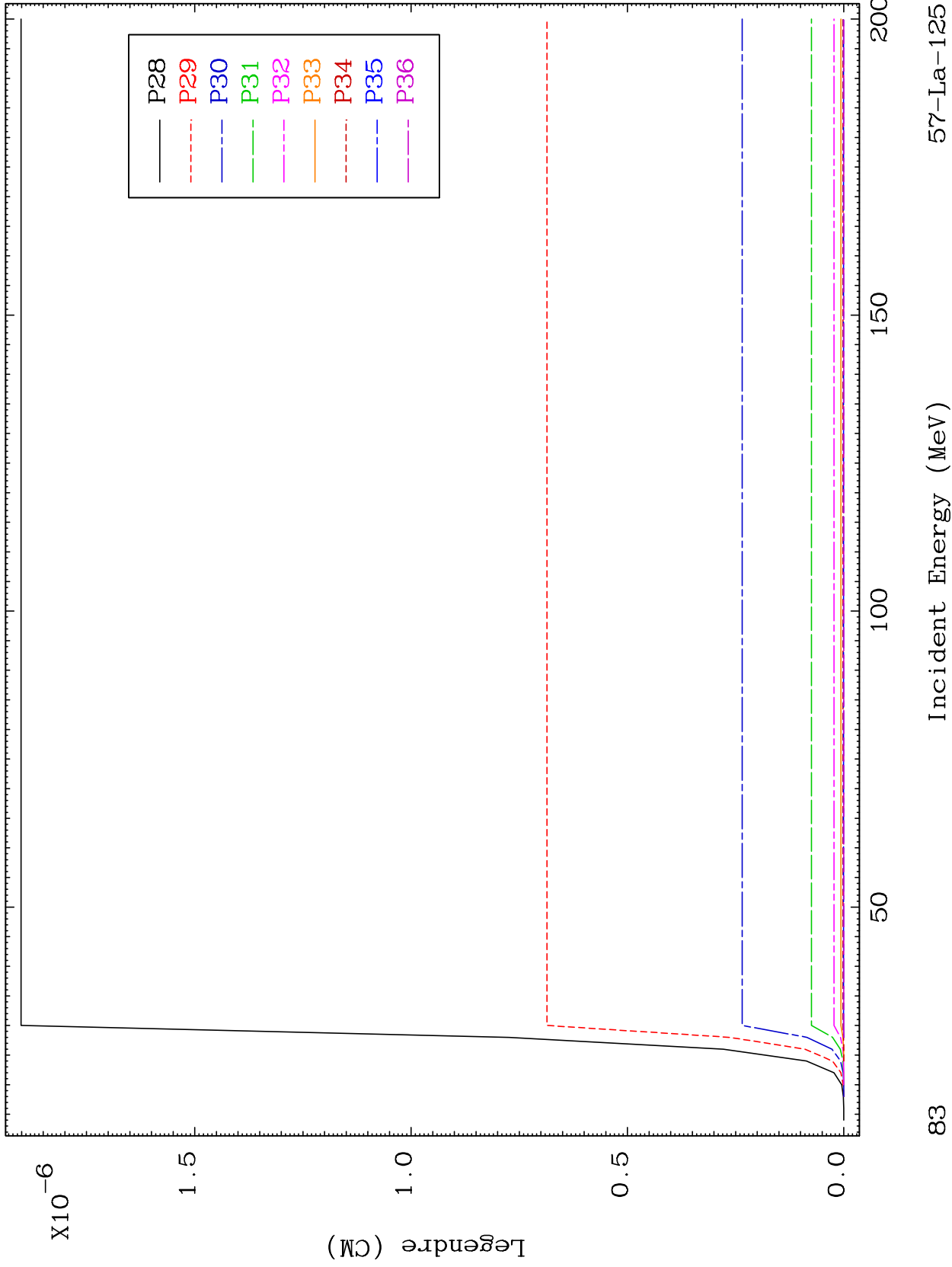
57-La-125



MAT 5686

1.111 MeV (n,n') Level
Legendre Coefficients

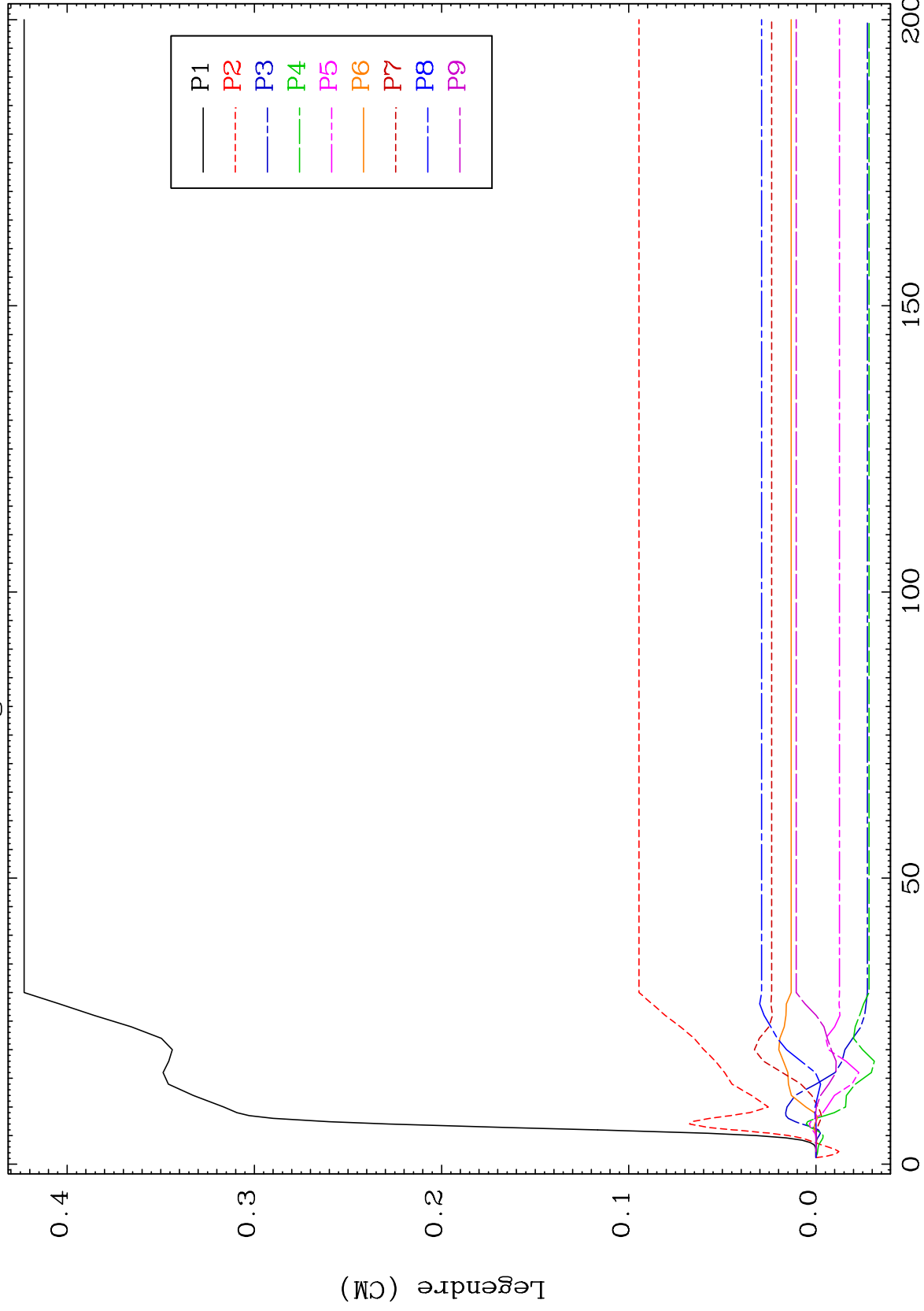
57-La-125



MAT 5686

1.120 MeV (n,n') Level
Legendre Coefficients

57-La-125



84

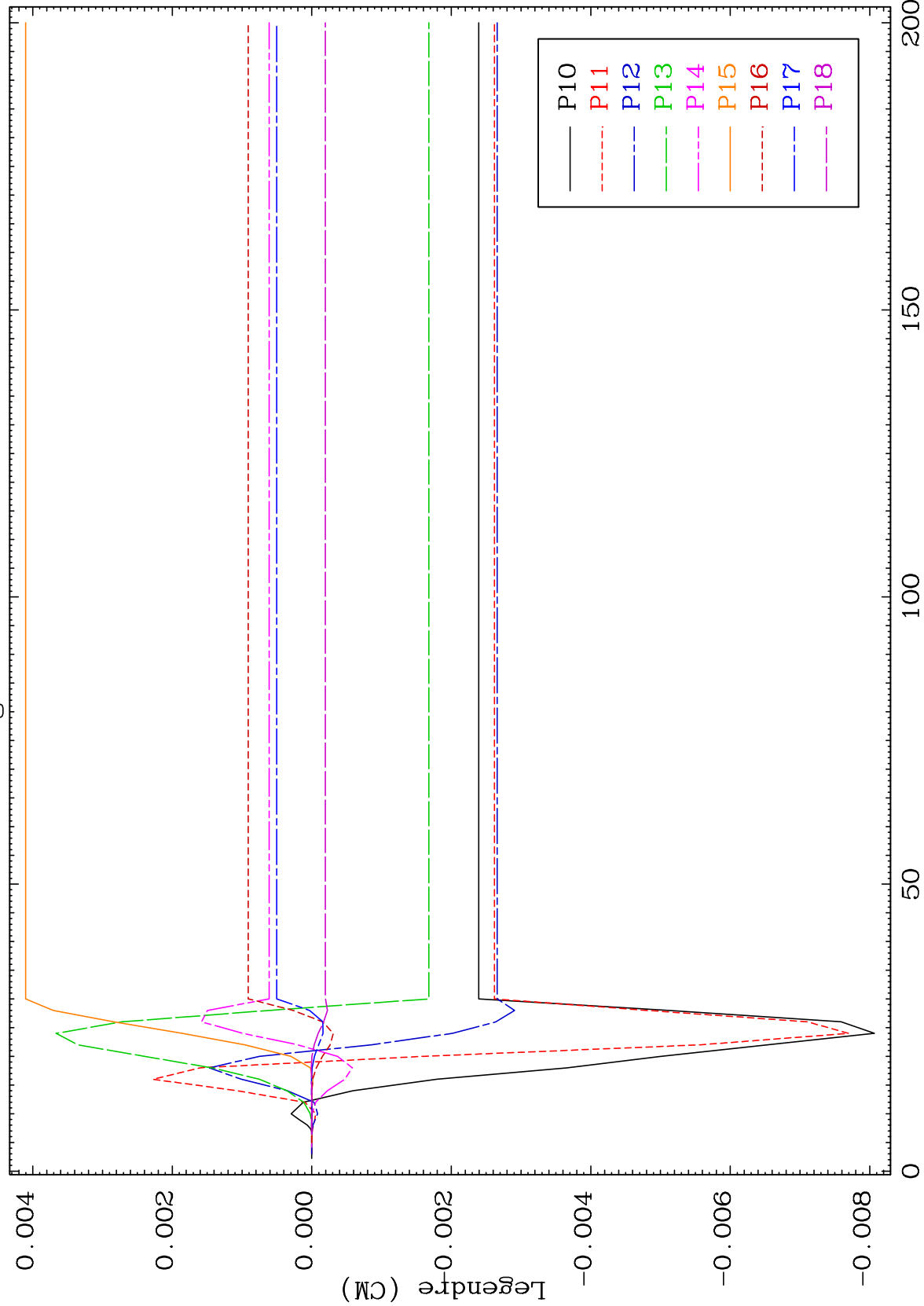
Incident Energy (MeV)

57-La-125

MAT 5686

1.120 MeV (n,n') Level
Legendre Coefficients

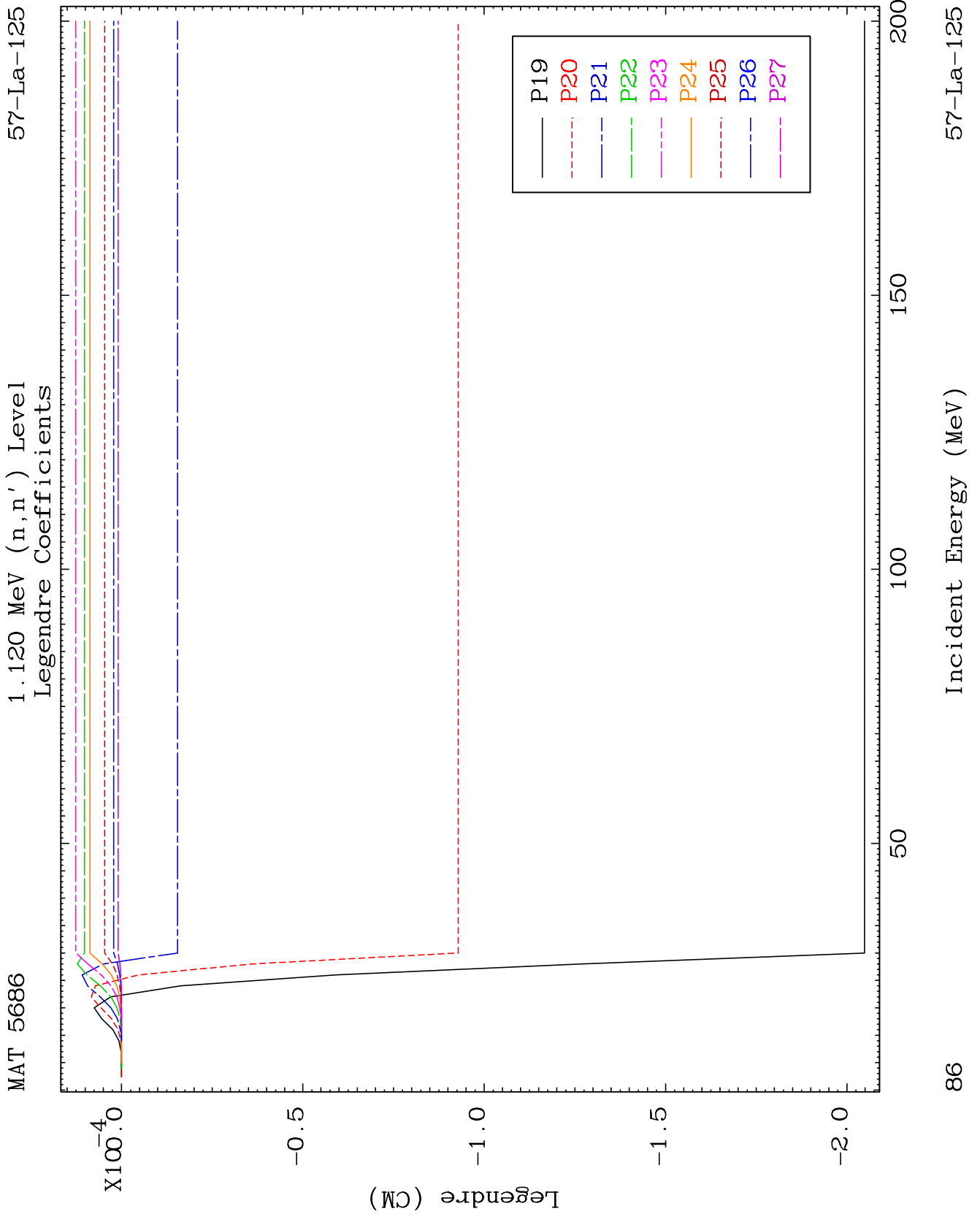
57-La-125

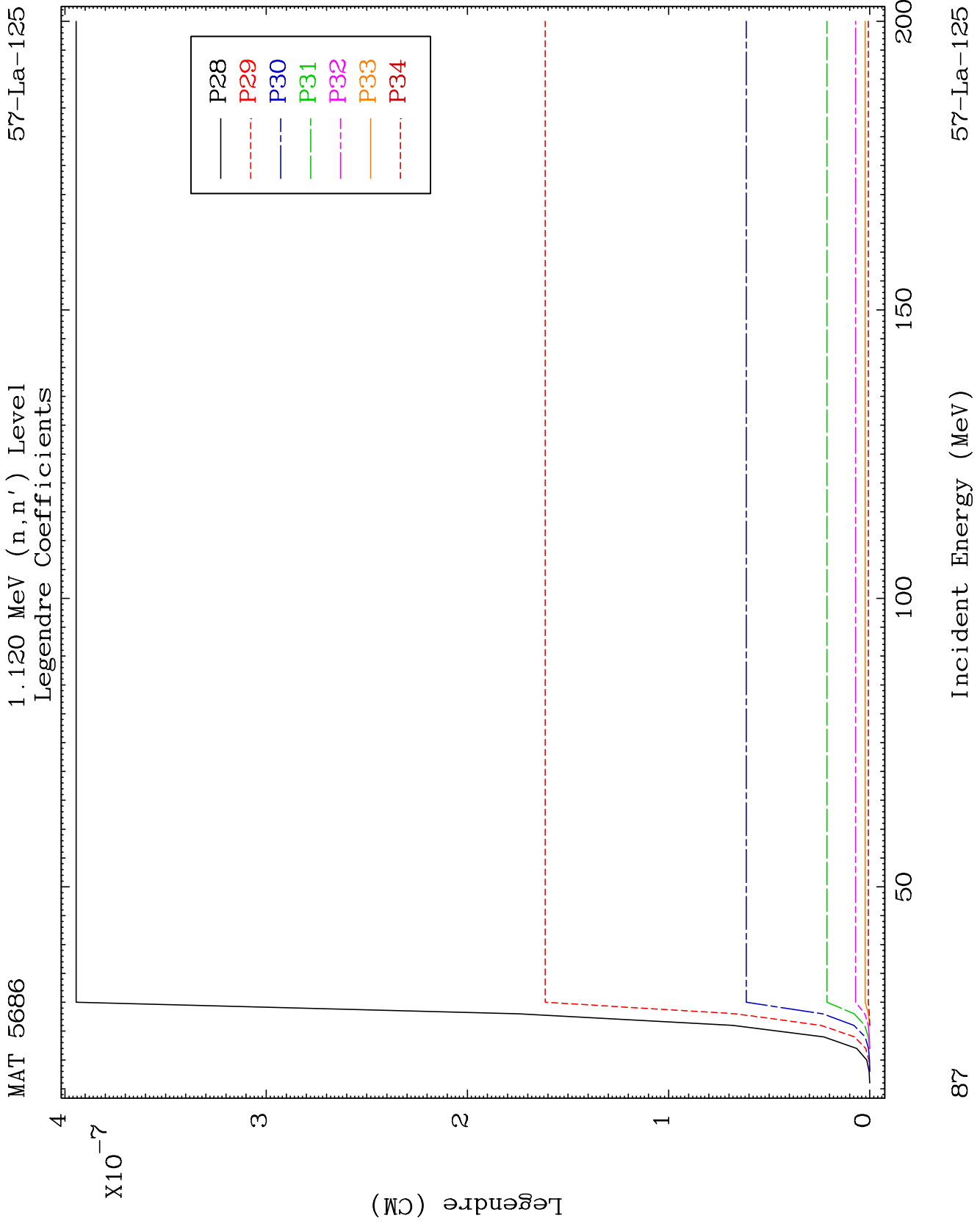


85

Incident Energy (MeV)

57-La-125

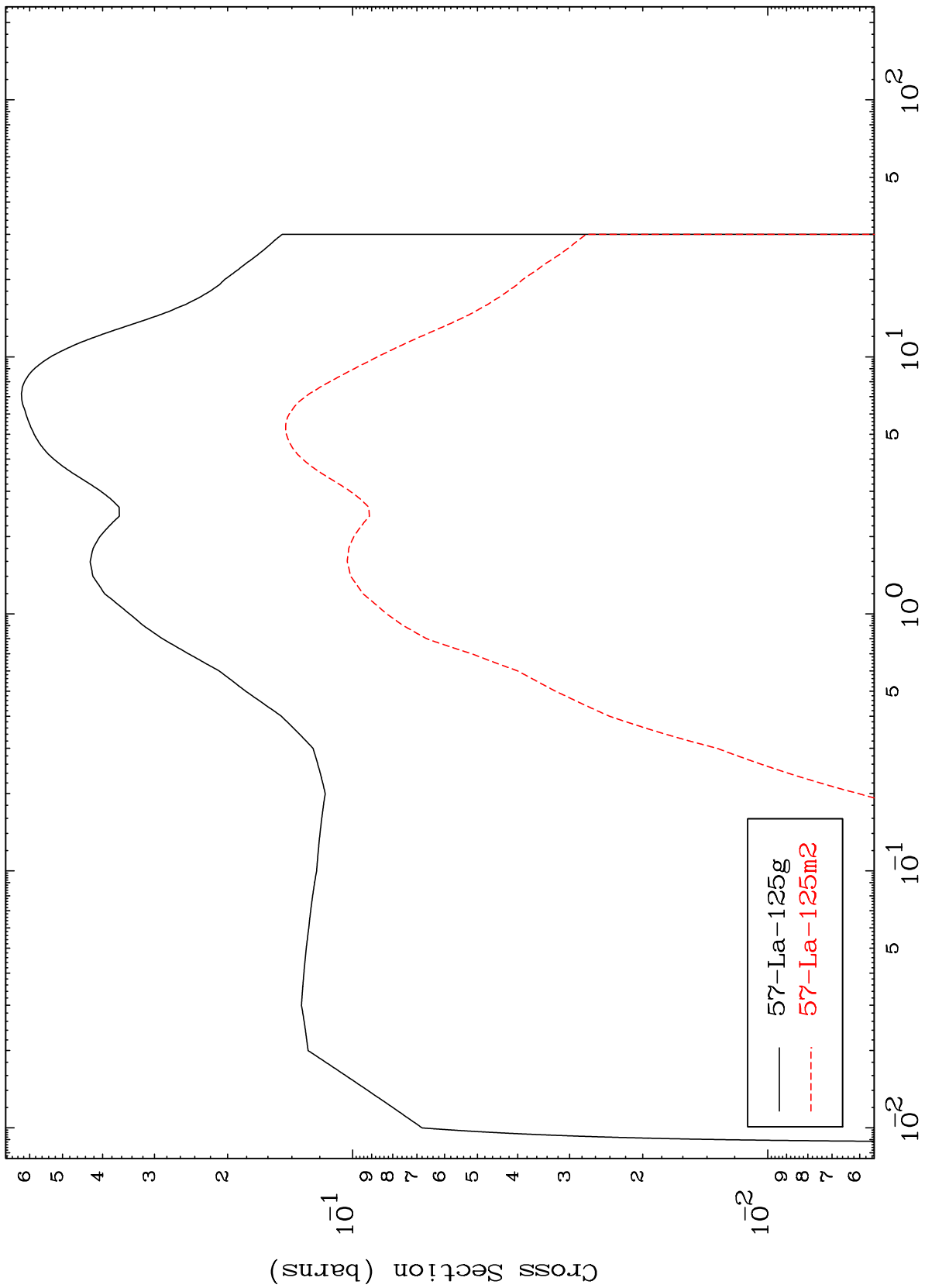




MAT 5686

57-La-125

Inelastic
Radionuclide Production Cross Section



57-La-125

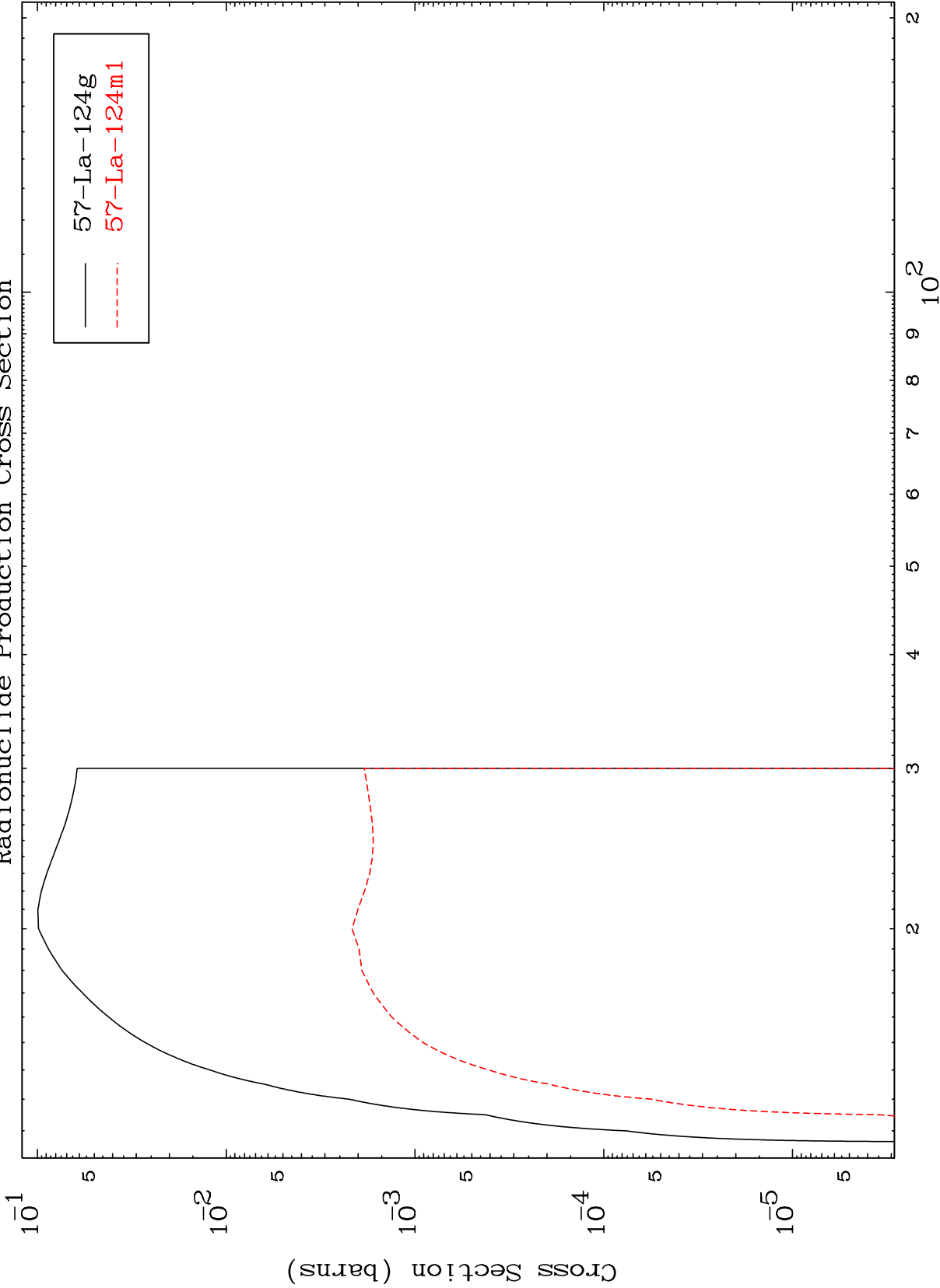
Incident Energy (MeV)

88

MAT 5686

57-La-125

(n,2n)
Radionuclide Production Cross Section



89

Incident Energy (MeV)

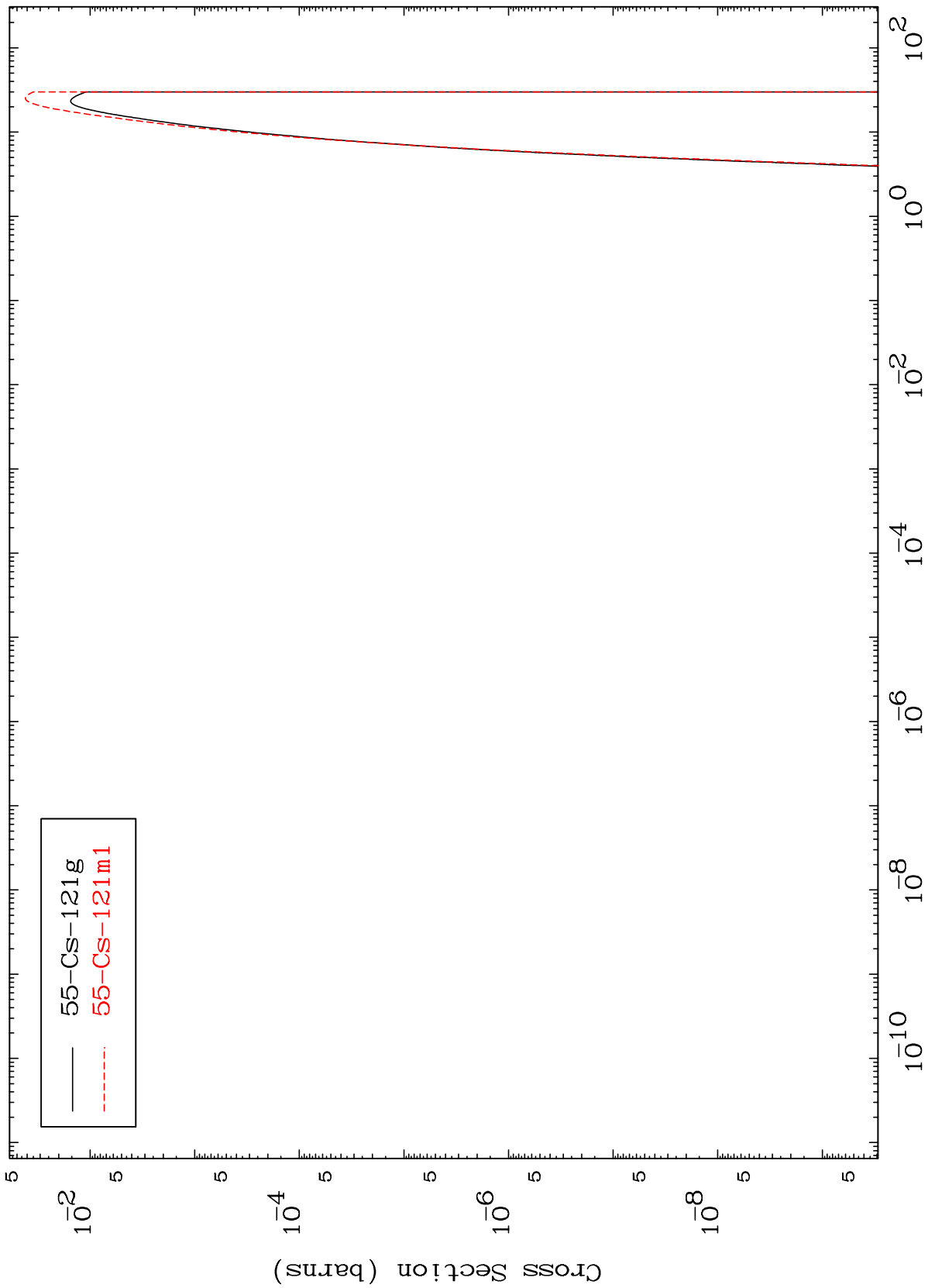
57-La-125

MAT 5686

(n, n') α

57-La-125

Radionuclide Production Cross Section



55-Cs-121g
55-Cs-121m1

90

Incident Energy (MeV)

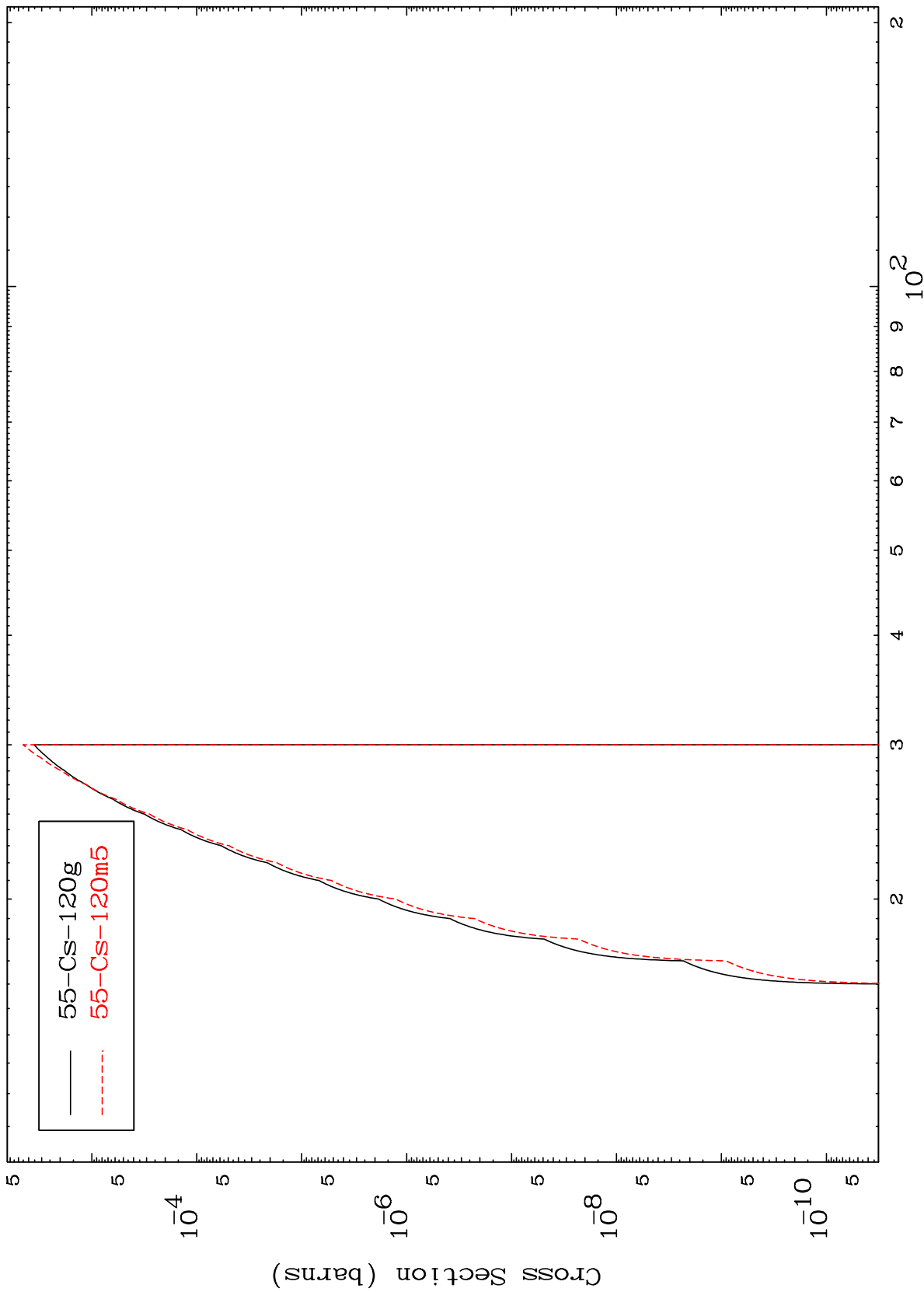
57-La-125

MAT 5686

(n,2n) α

57-La-125

Radionuclide Production Cross Section



91

Incident Energy (MeV)

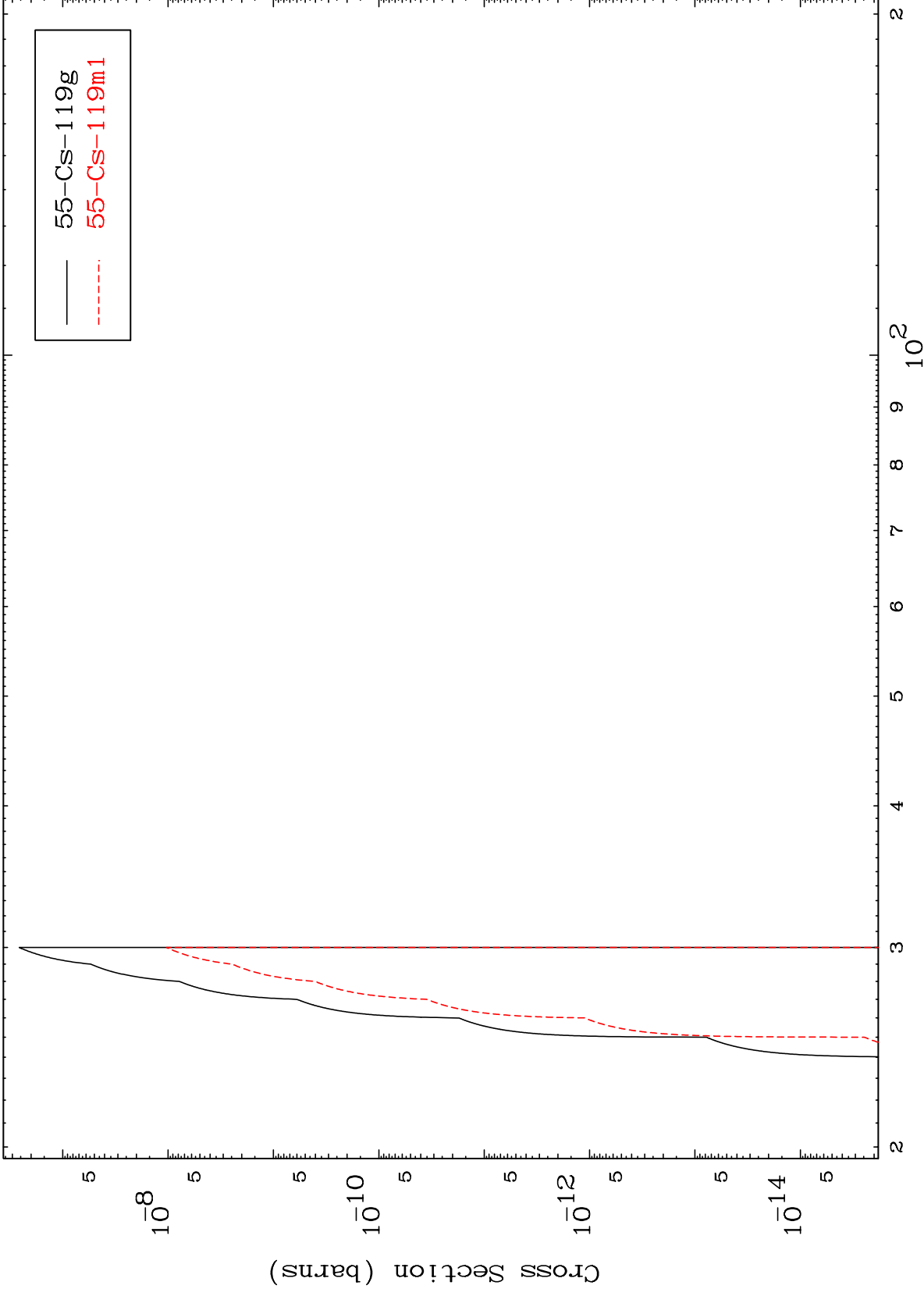
57-La-125

MAT 5686

(n,3n) α

57-La-125

Radionuclide Production Cross Section



92

Incident Energy (MeV)

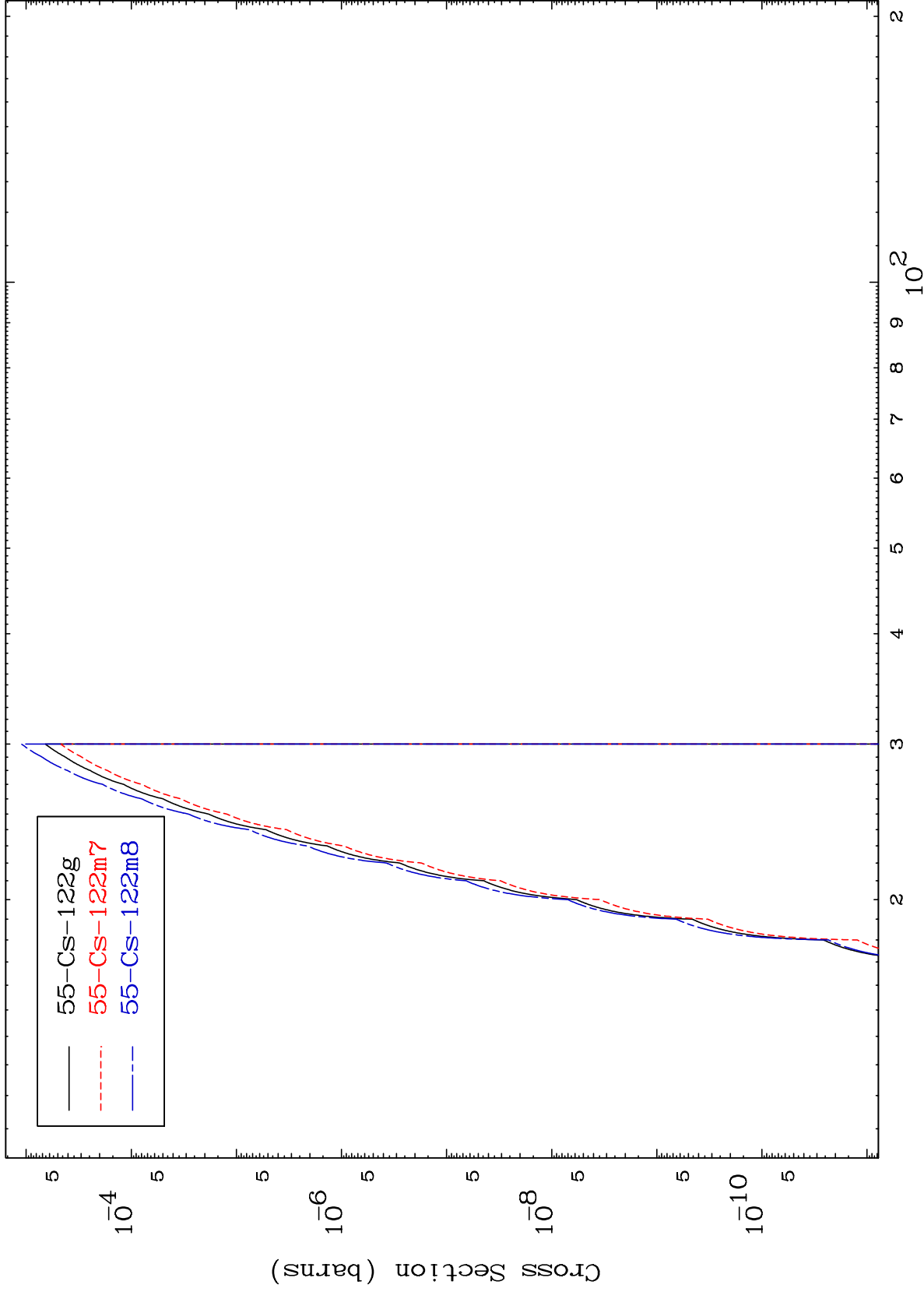
57-La-125

MAT 5686

(n,n') He-3

57-La-125

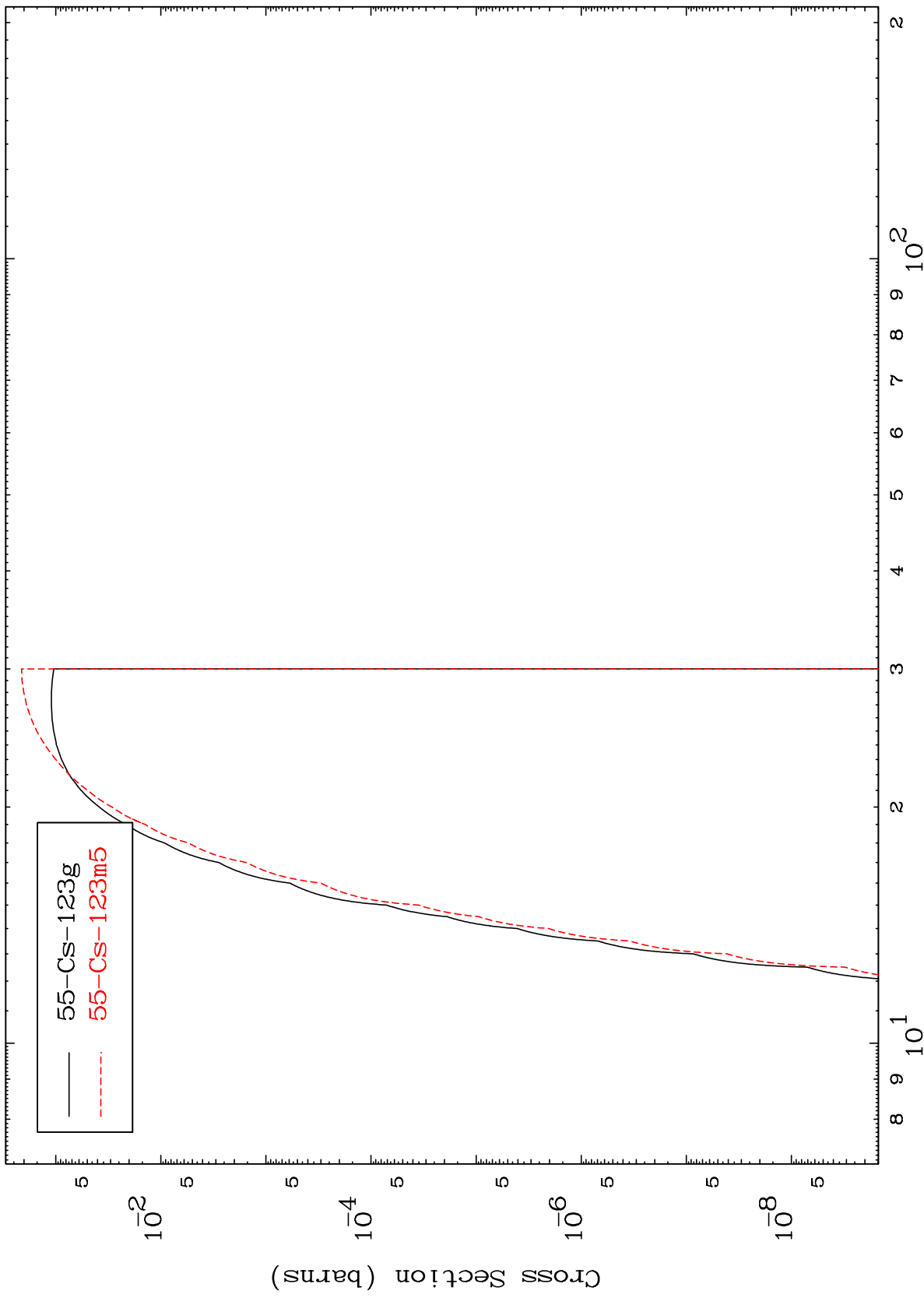
Radionuclide Production Cross Section



MAT 5686

57-La-125

(n,2n) p
Radionuclide Production Cross Section



94

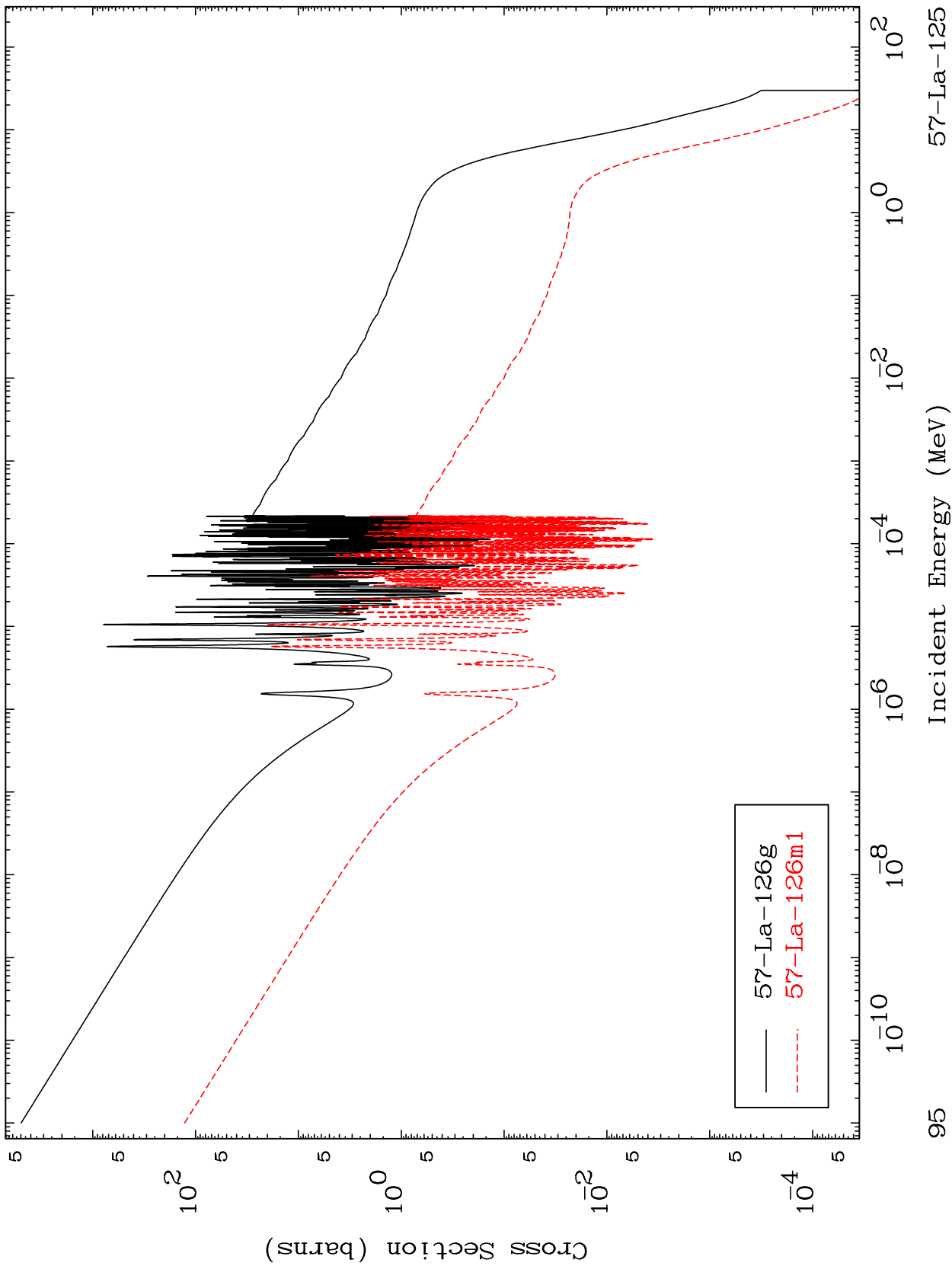
Incident Energy (MeV)

57-La-125

MAT 5686

$^{57}\text{La-125}$

(n, γ)
Radionuclide Production Cross Section

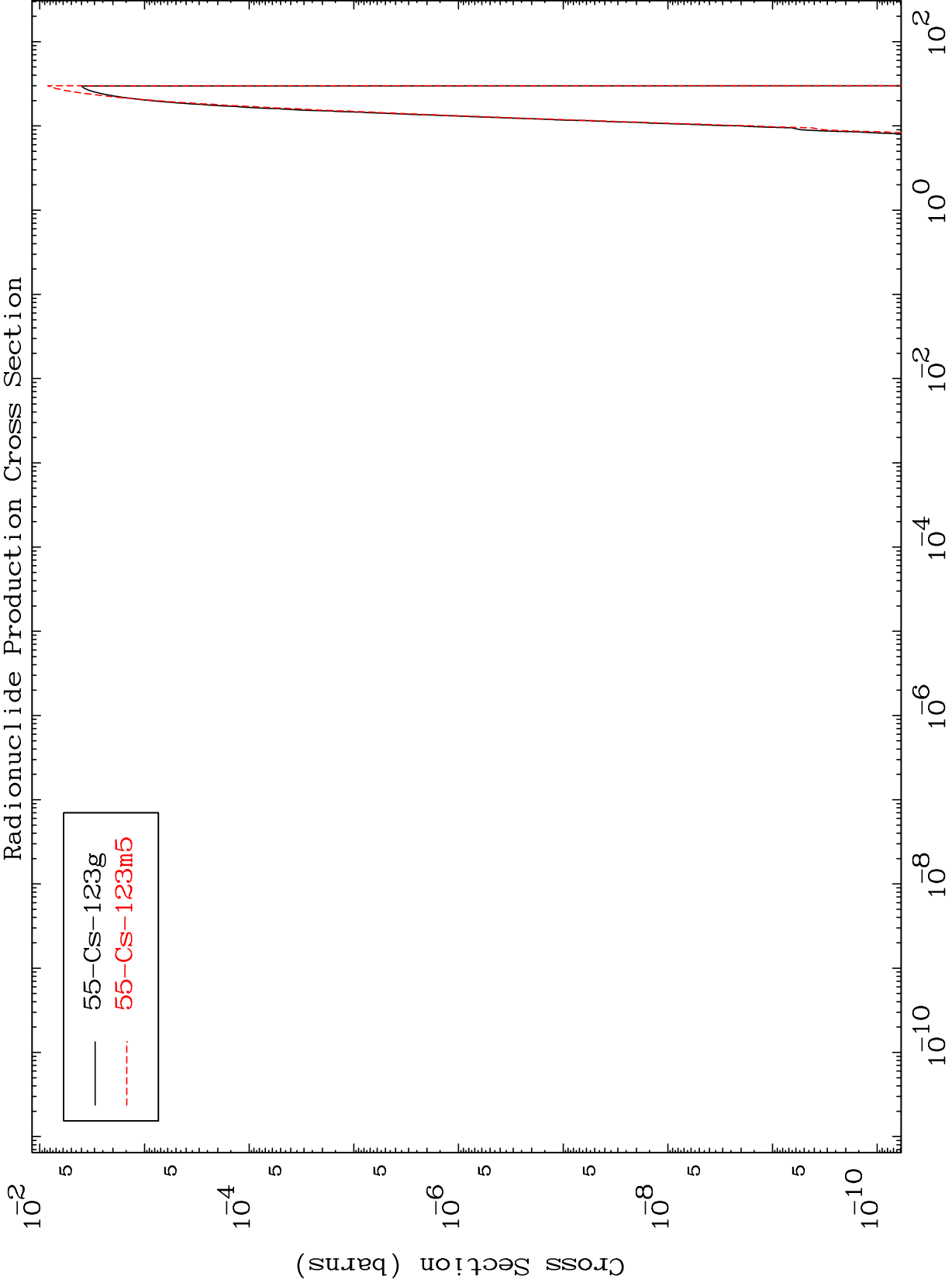


MAT 5686

(n,He-3)

57-La-125

Radionuclide Production Cross Section



55-Cs-123g
55-Cs-123m5

96

Incident Energy (MeV)

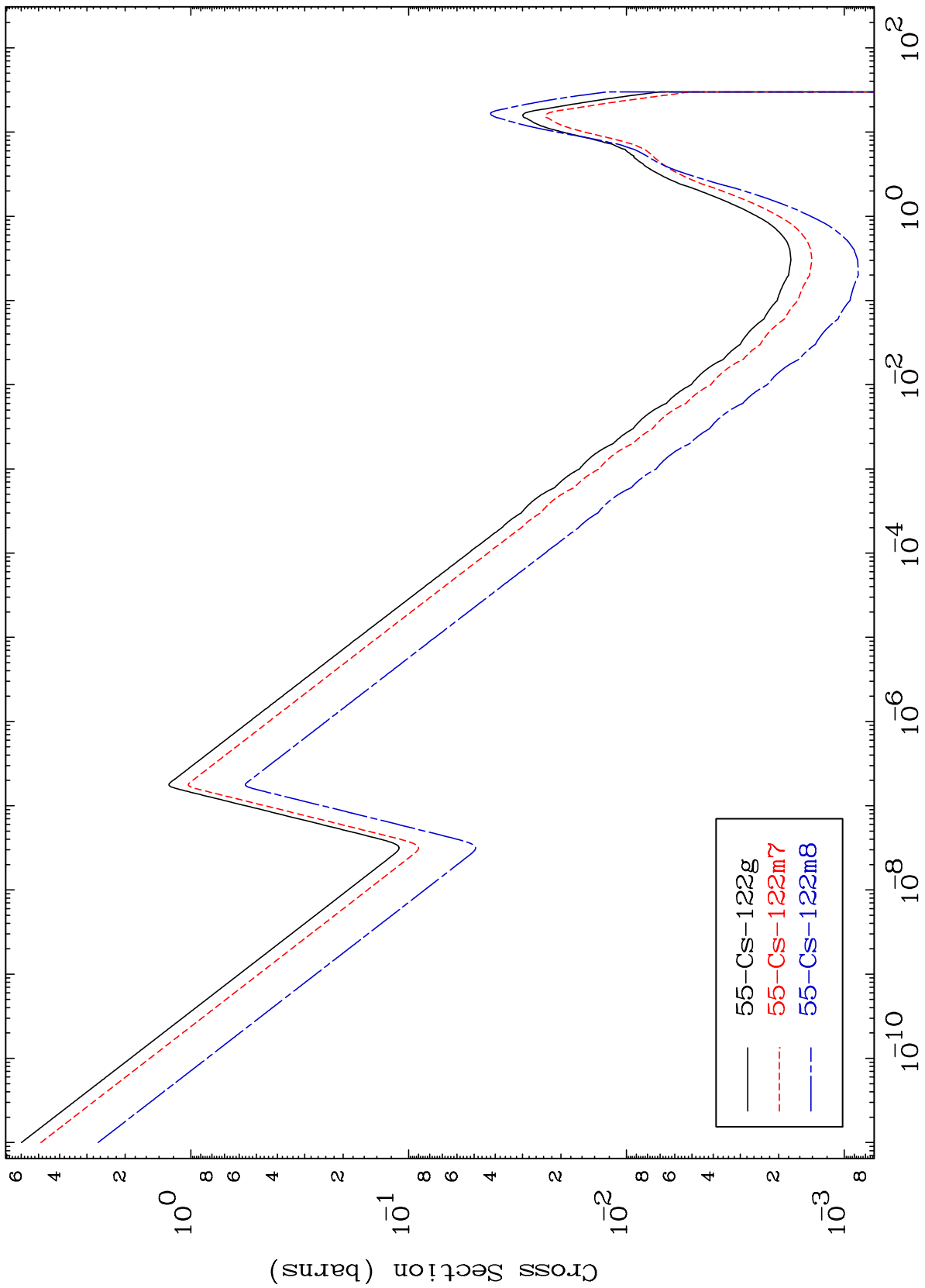
57-La-125

MAT 5686

57-La-125

Radionuclide Production Cross Section

(n, α)



57-La-125

Incident Energy (MeV)

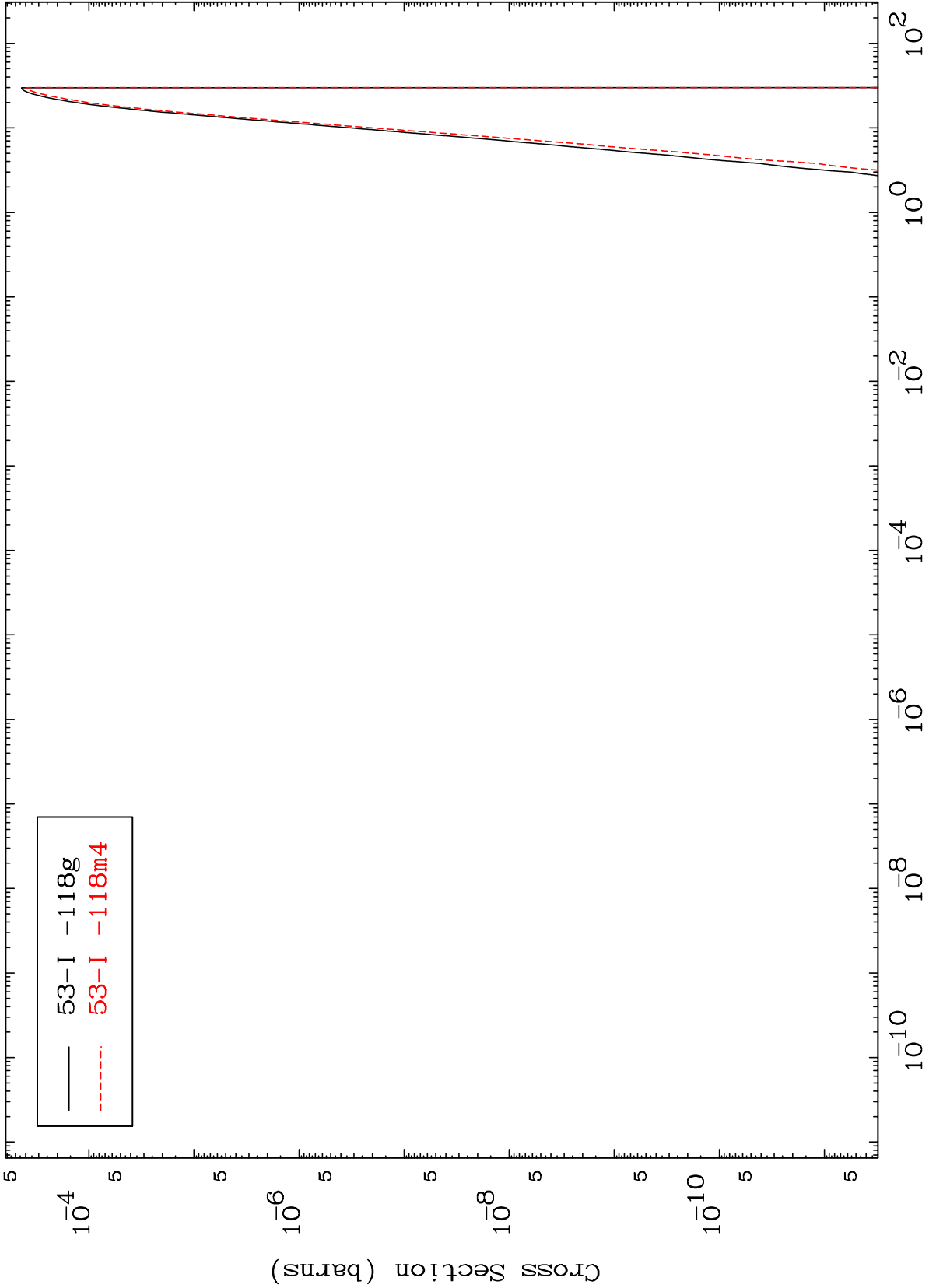
97

MAT 5686

(n,2α)

57-La-125

Radionuclide Production Cross Section



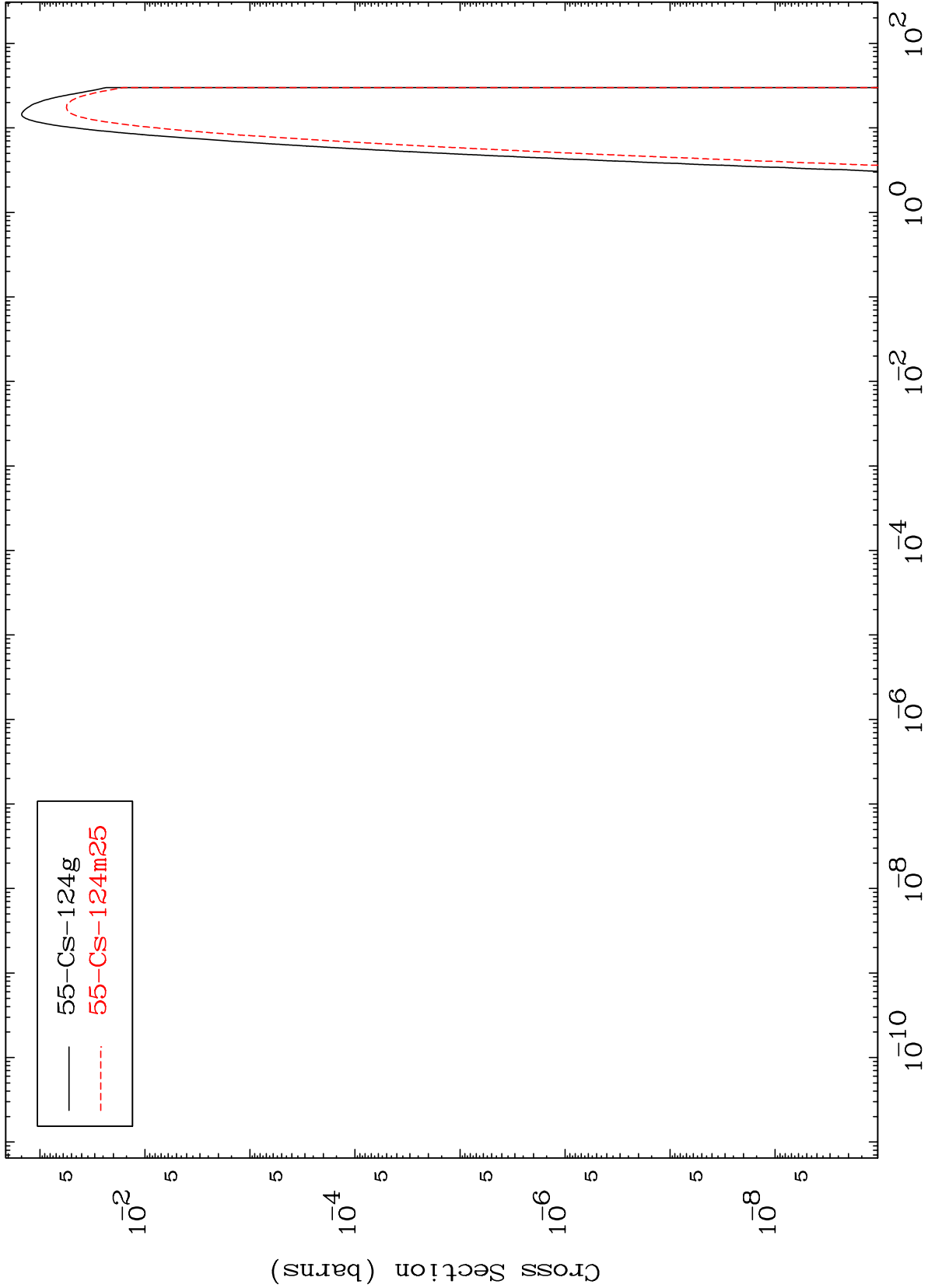
—	53-I	-118g
- - -	53-I	-118m4

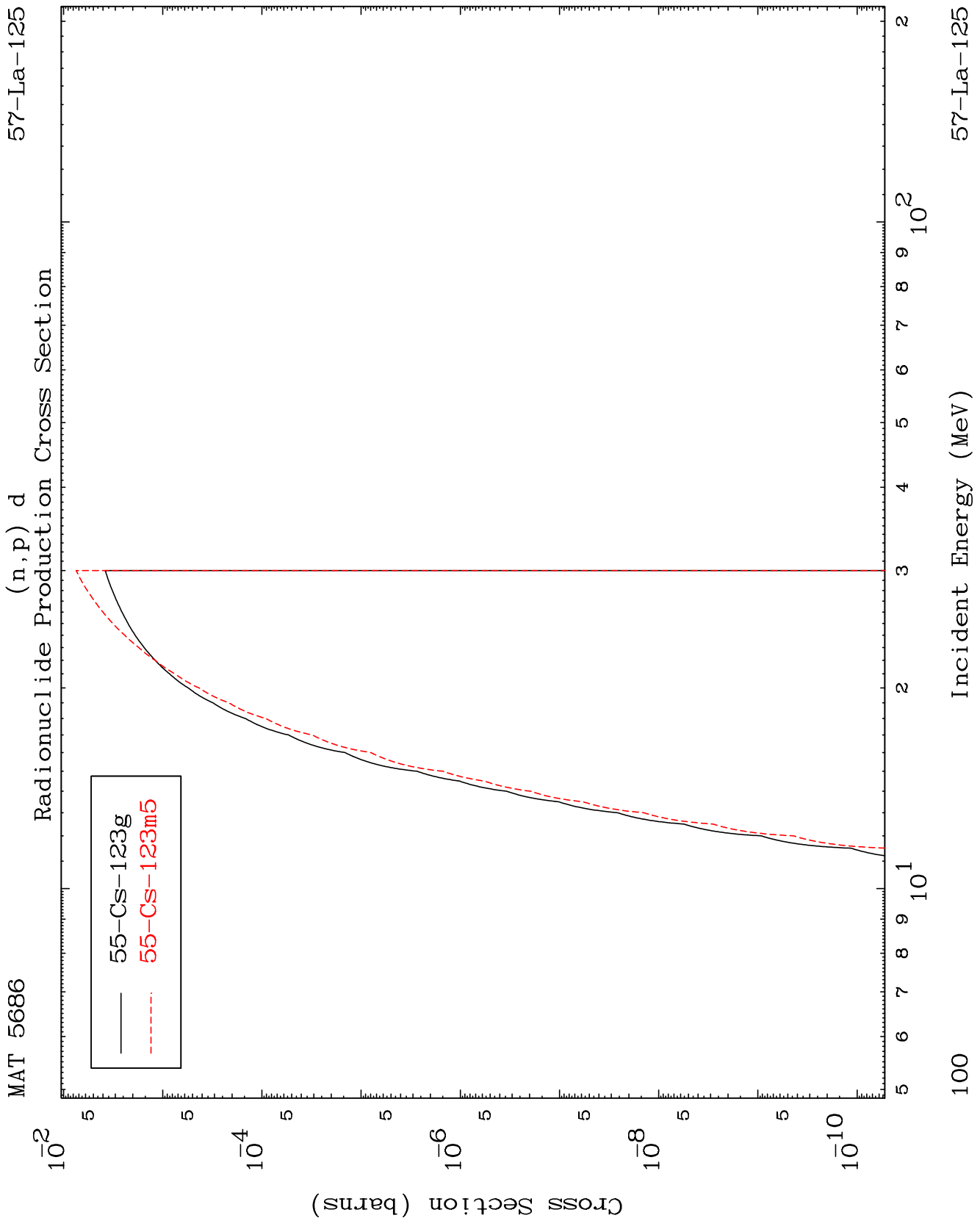
MAT 5686

(n,2p)

57-La-125

Radionuclide Production Cross Section



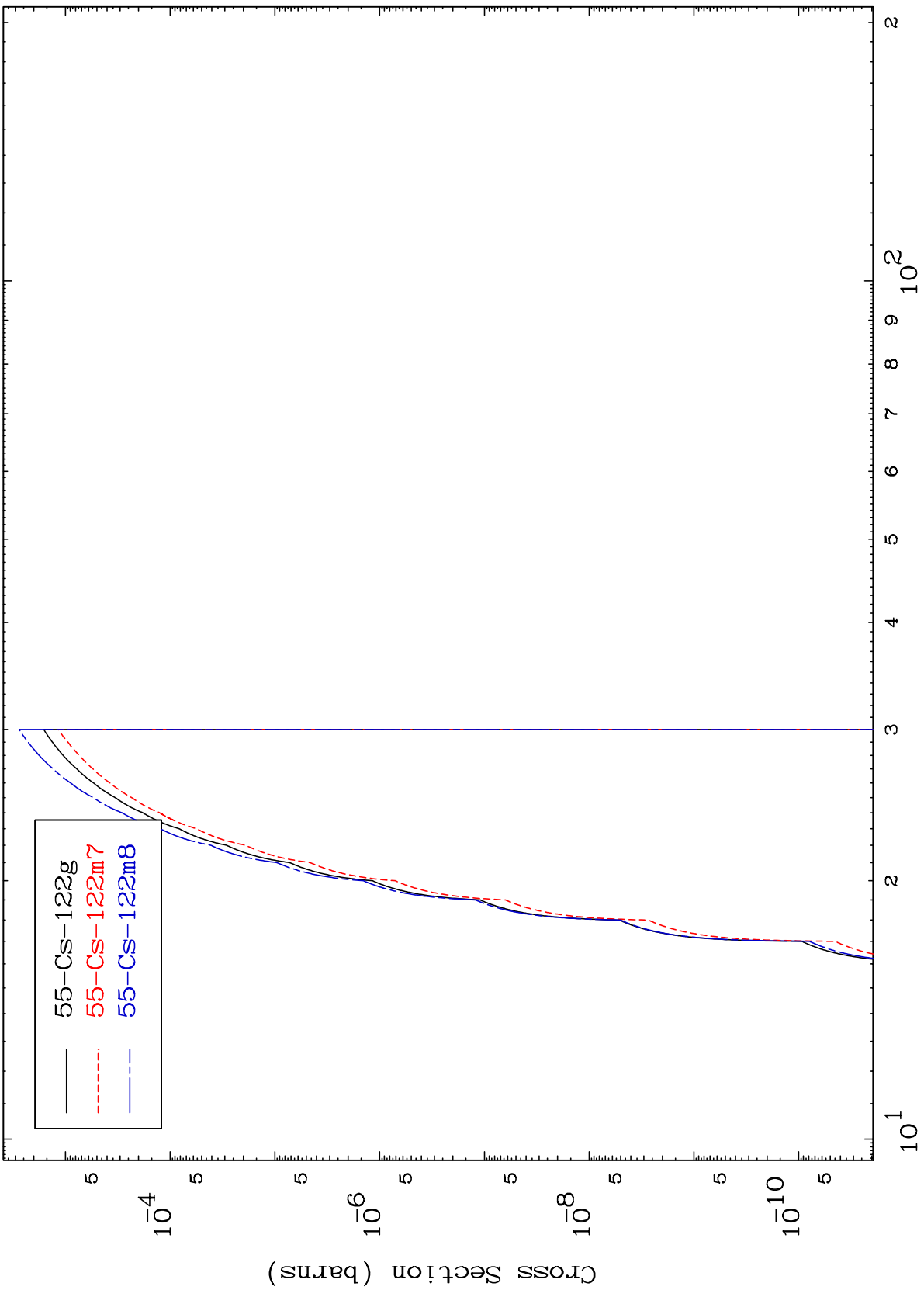


MAT 5686

(n,p) t

57-La-125

Radionuclide Production Cross Section



Incident Energy (MeV)

57-La-125