

Program EVALPLOT  
(Version 2015-2)

by

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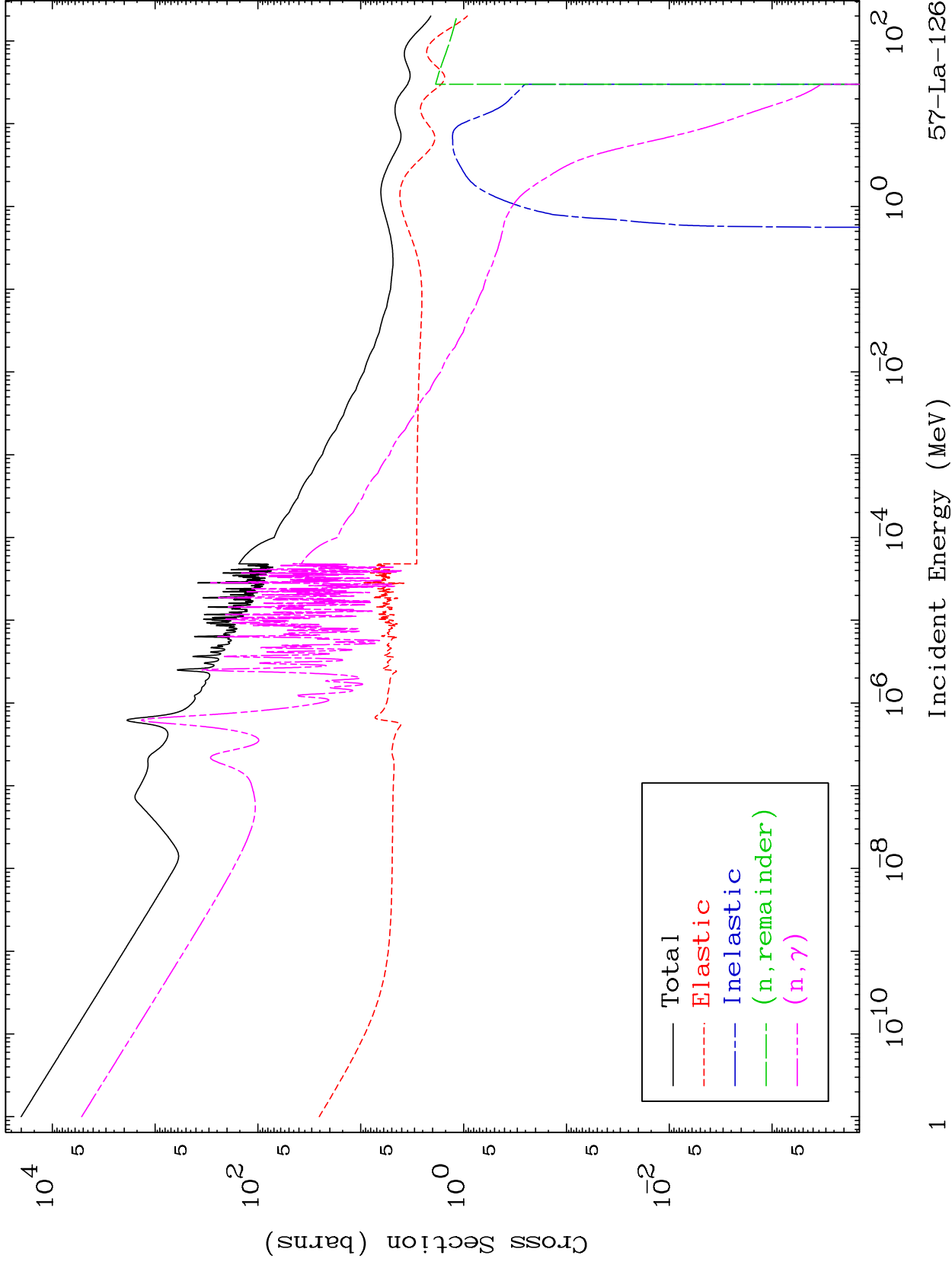
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5689

Major  
293 Kelvin Cross Sections

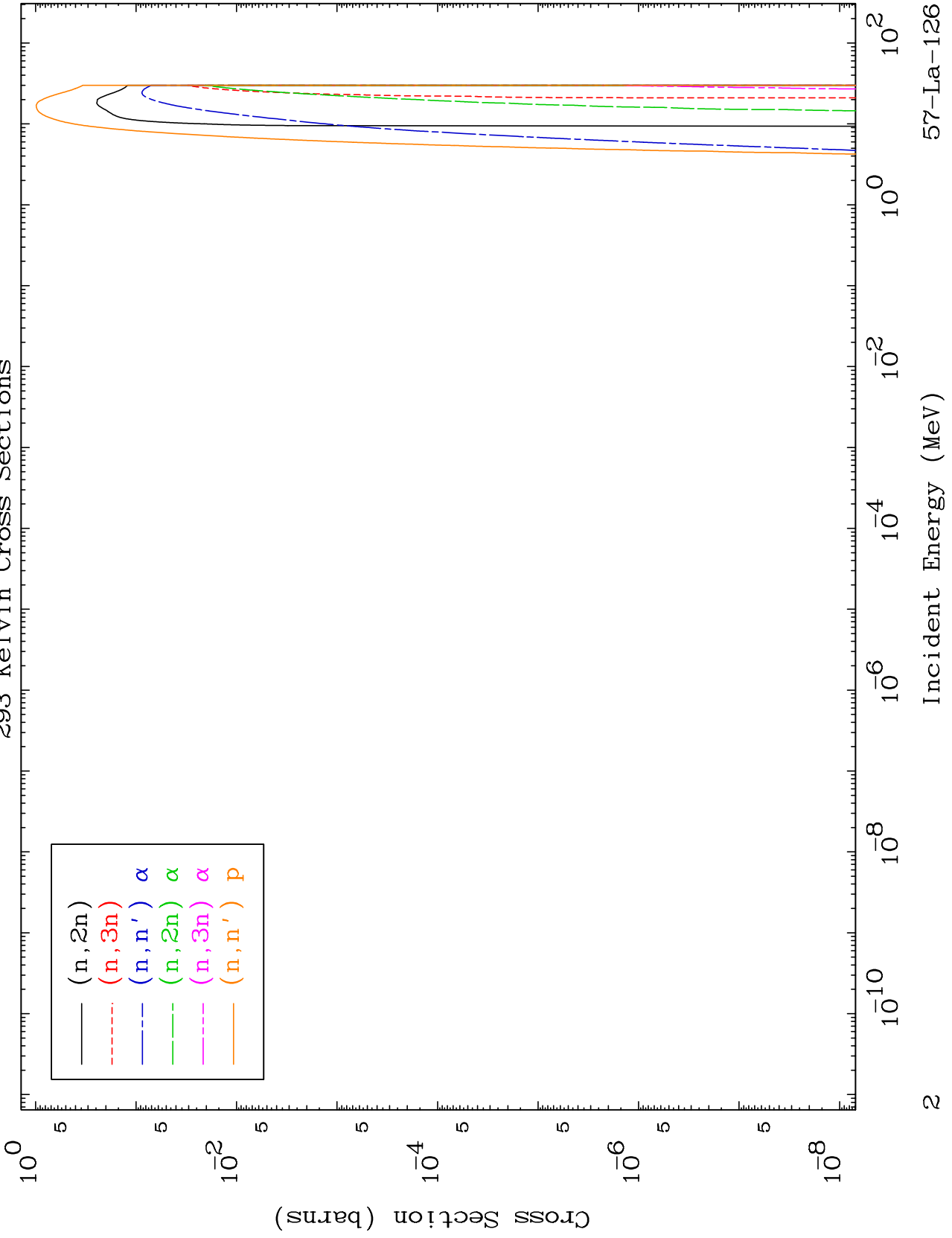
57-La-126



MAT 5689

Neutron Production  
293 Kelvin Cross Sections

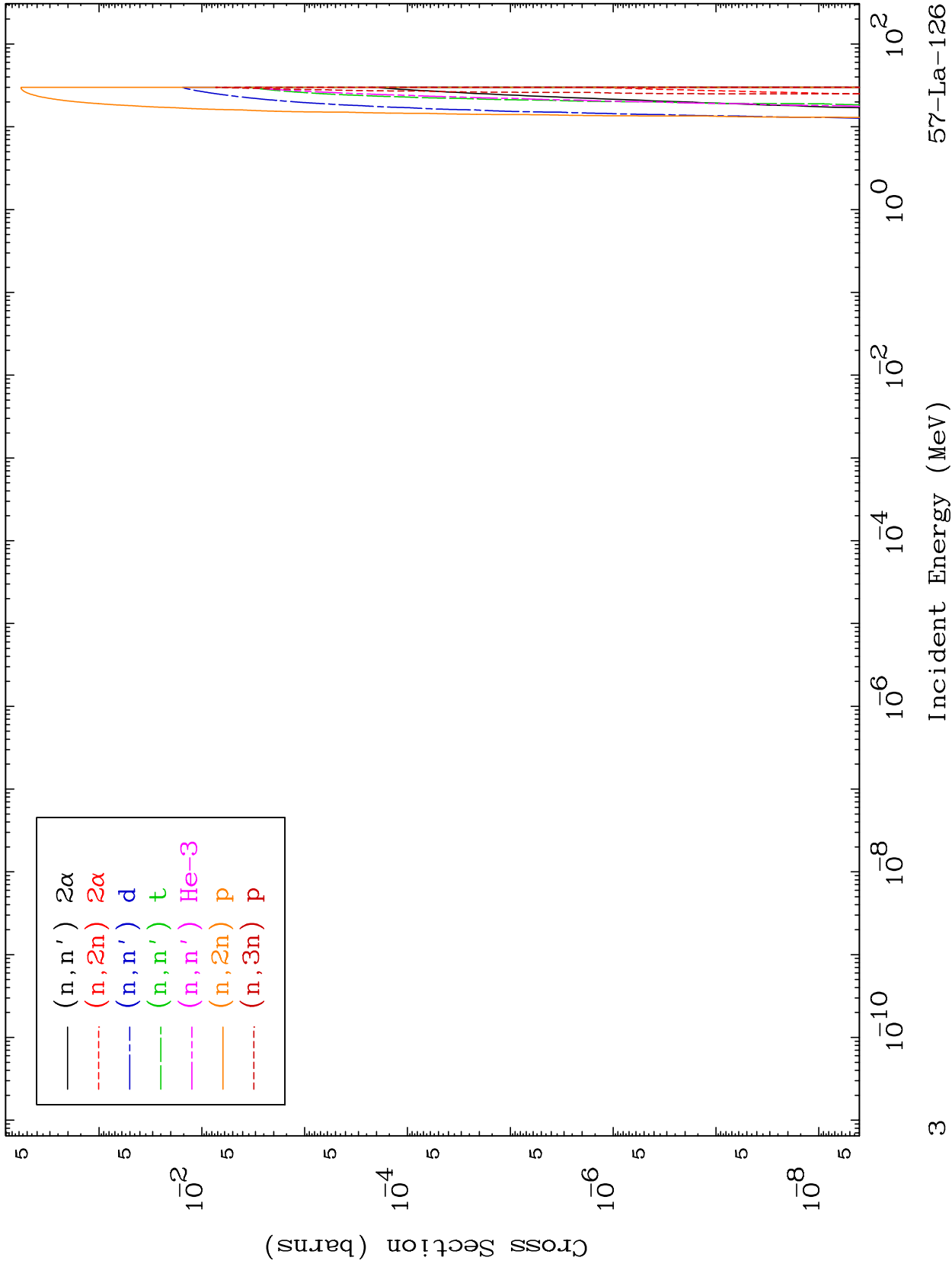
57-La-126



MAT 5689

Neutron Production  
293 Kelvin Cross Sections

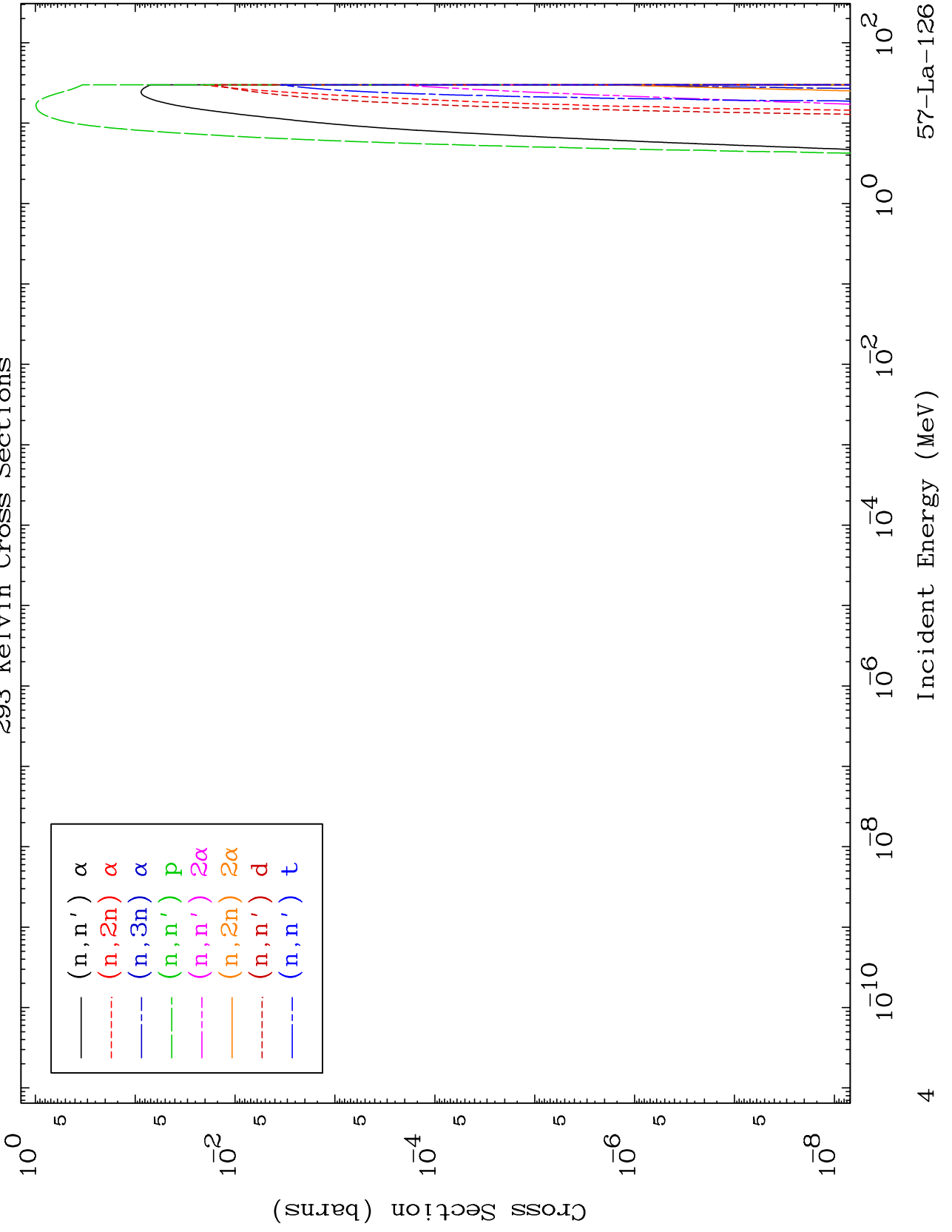
57-La-126



MAT 5689

Charged Particle  
293 Kelvin Cross Sections

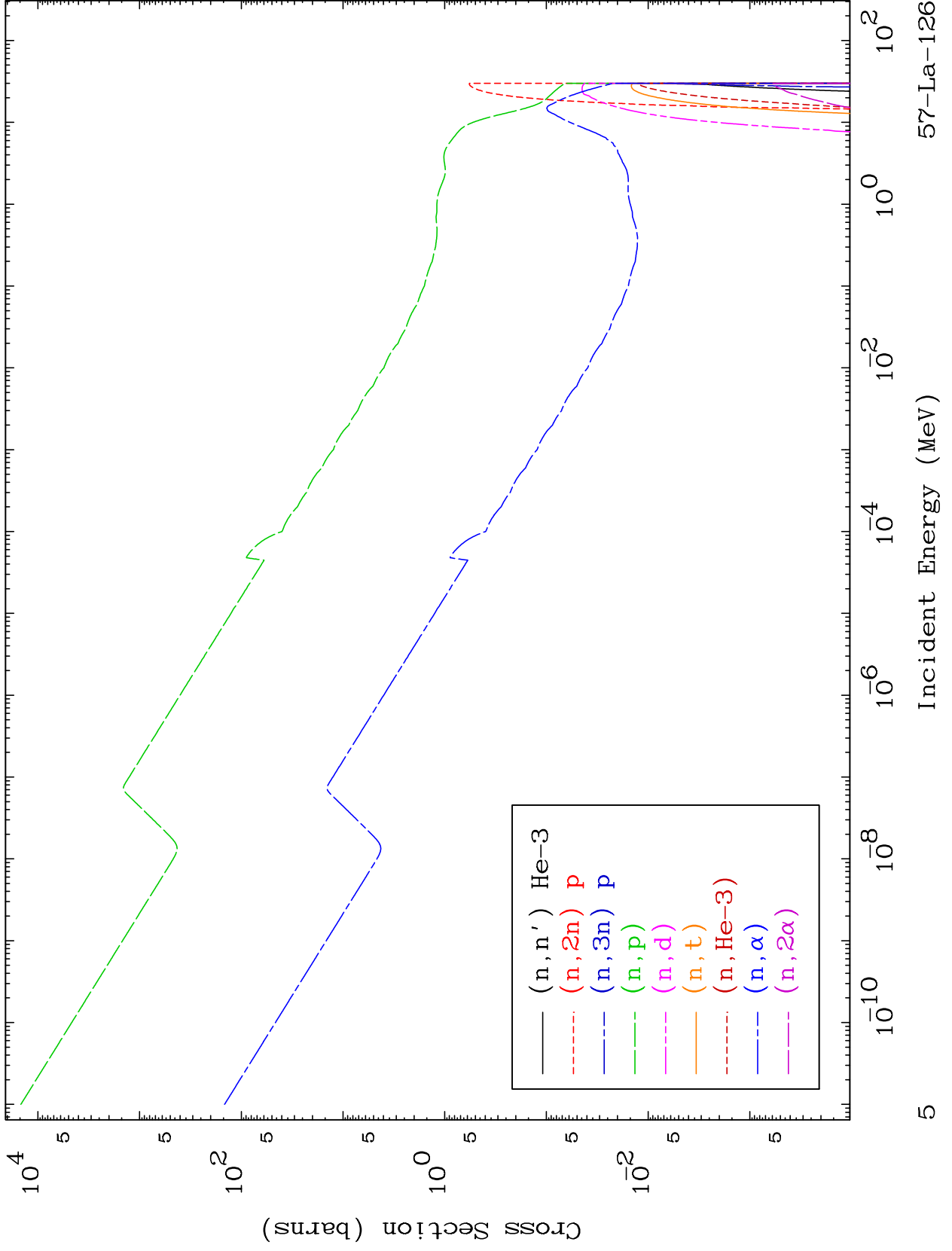
57-La-126



MAT 5689

Charged Particle  
293 Kelvin Cross Sections

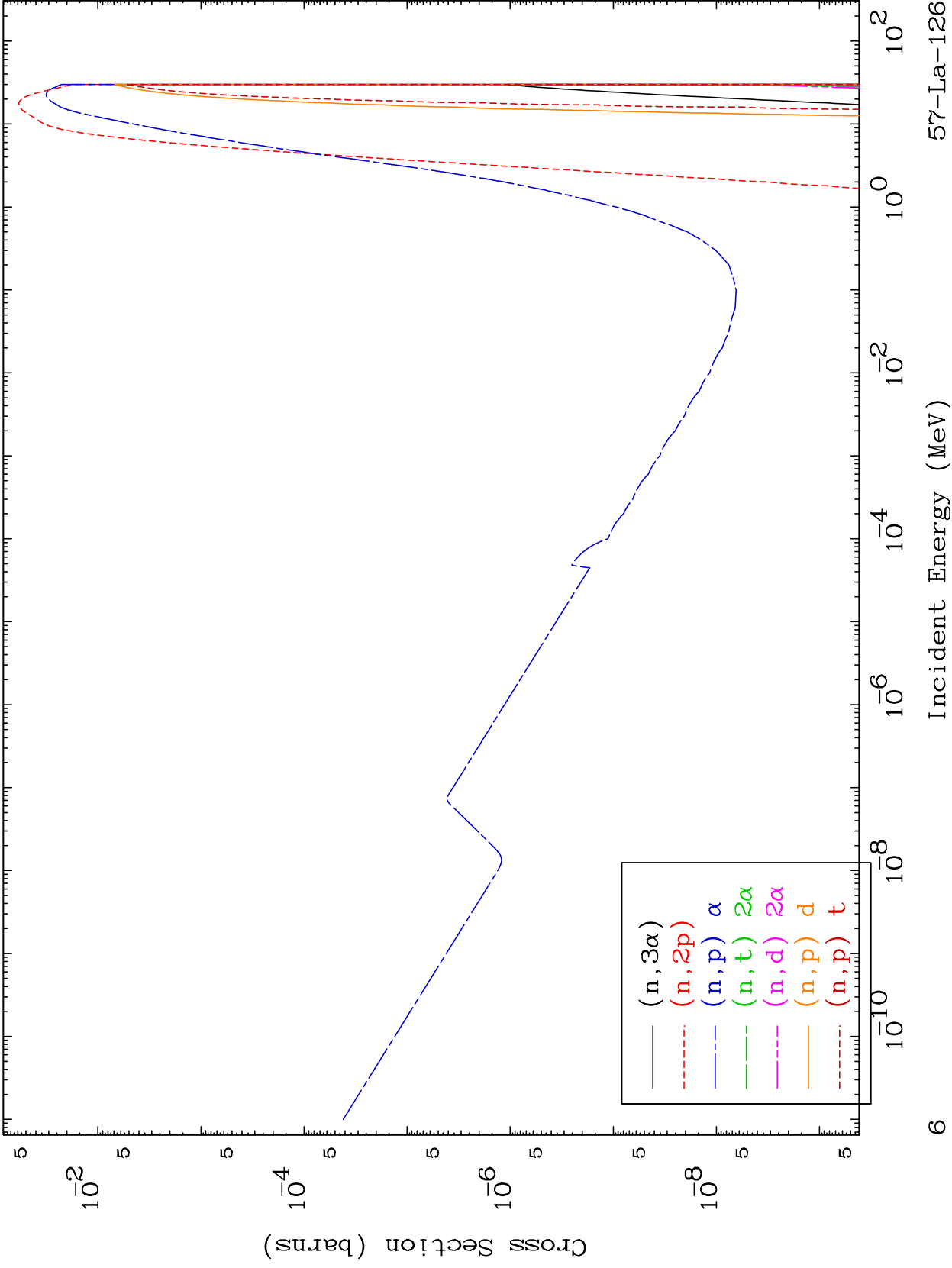
57-La-126



MAT 5689

Charged Particle  
293 Kelvin Cross Sections

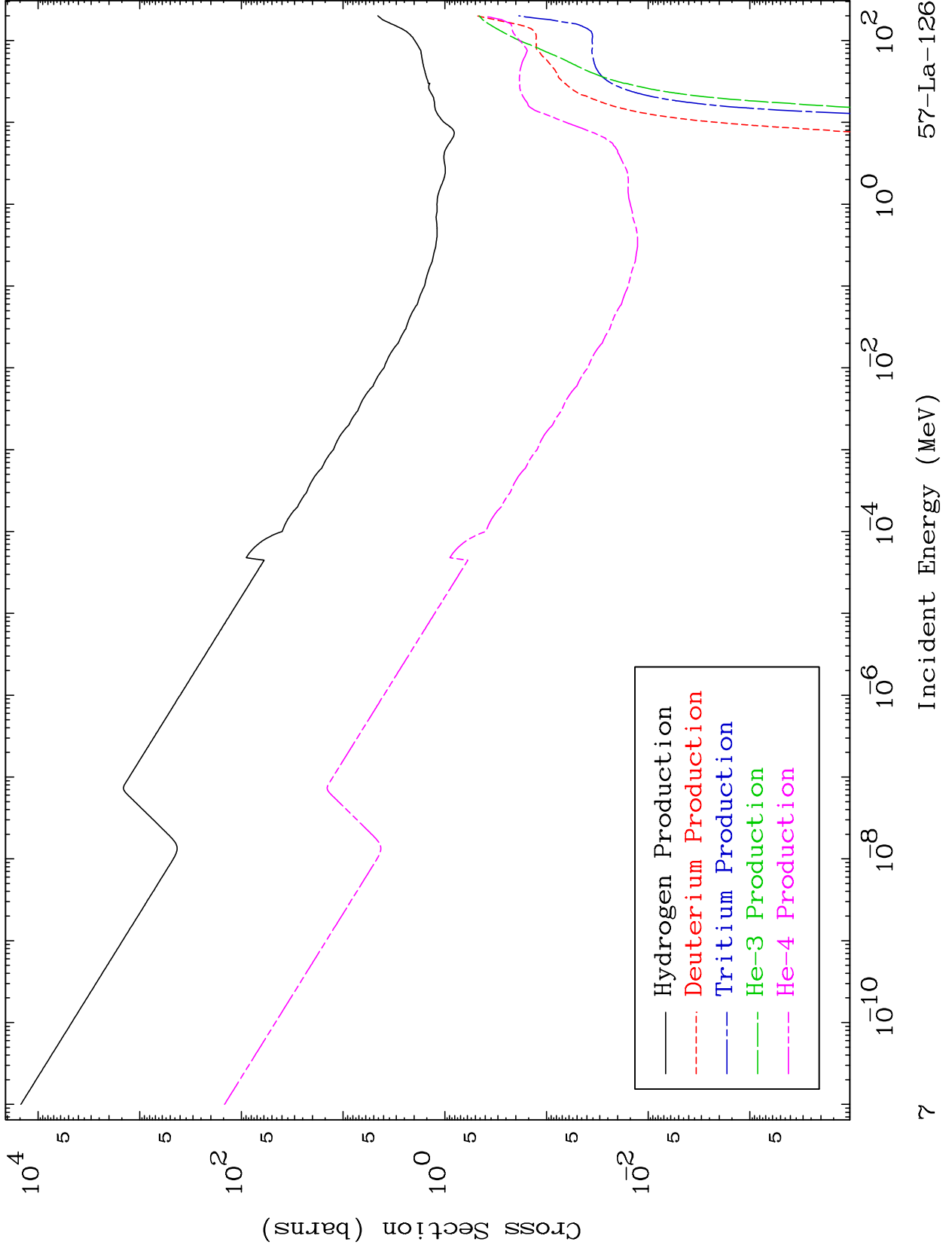
57-La-126



MAT 5689

Particle Production  
293 Kelvin Cross Sections

57-La-126

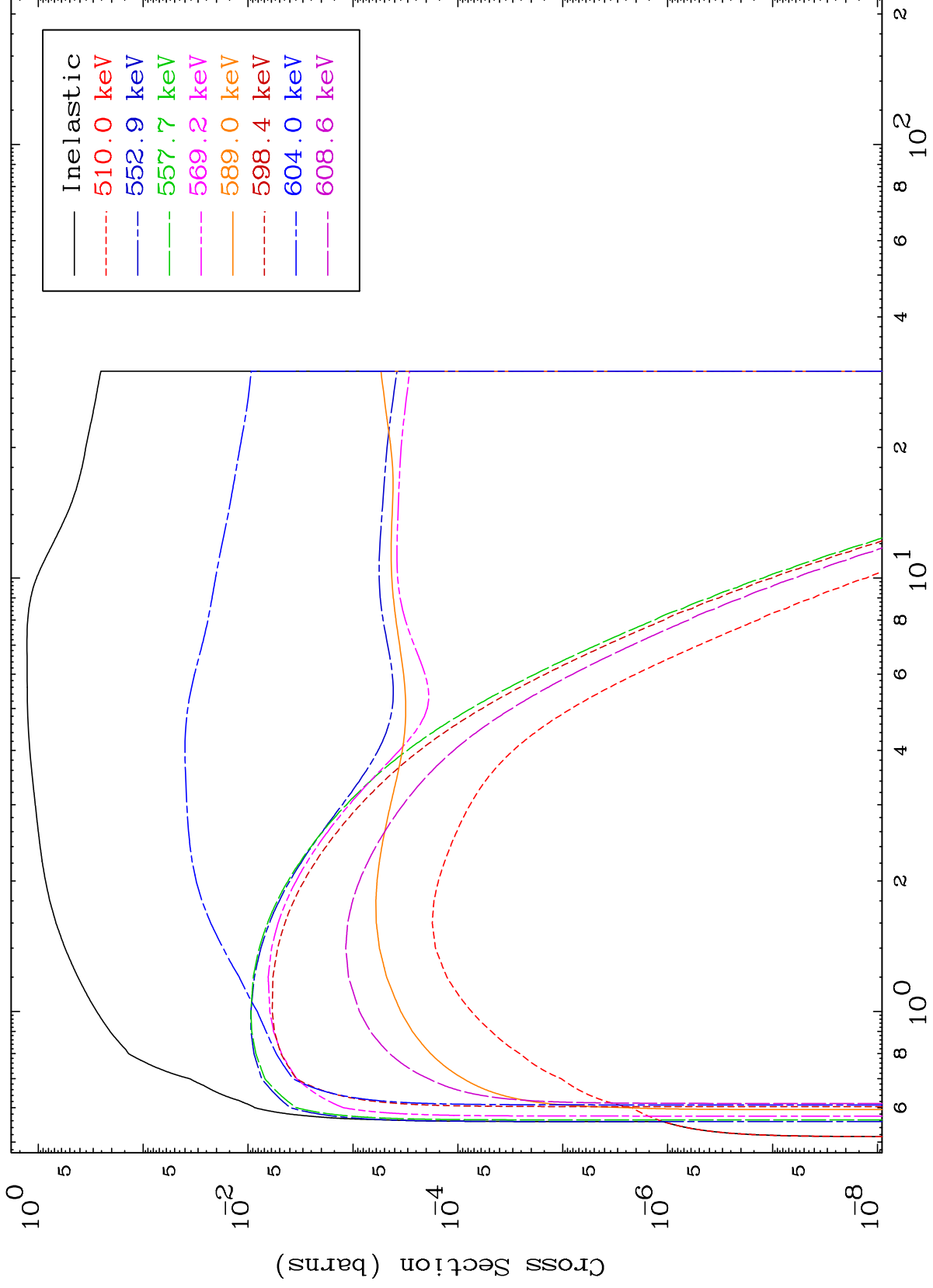




MAT 5689

(n,n') Level  
293 Kelvin Cross Sections

57-La-126



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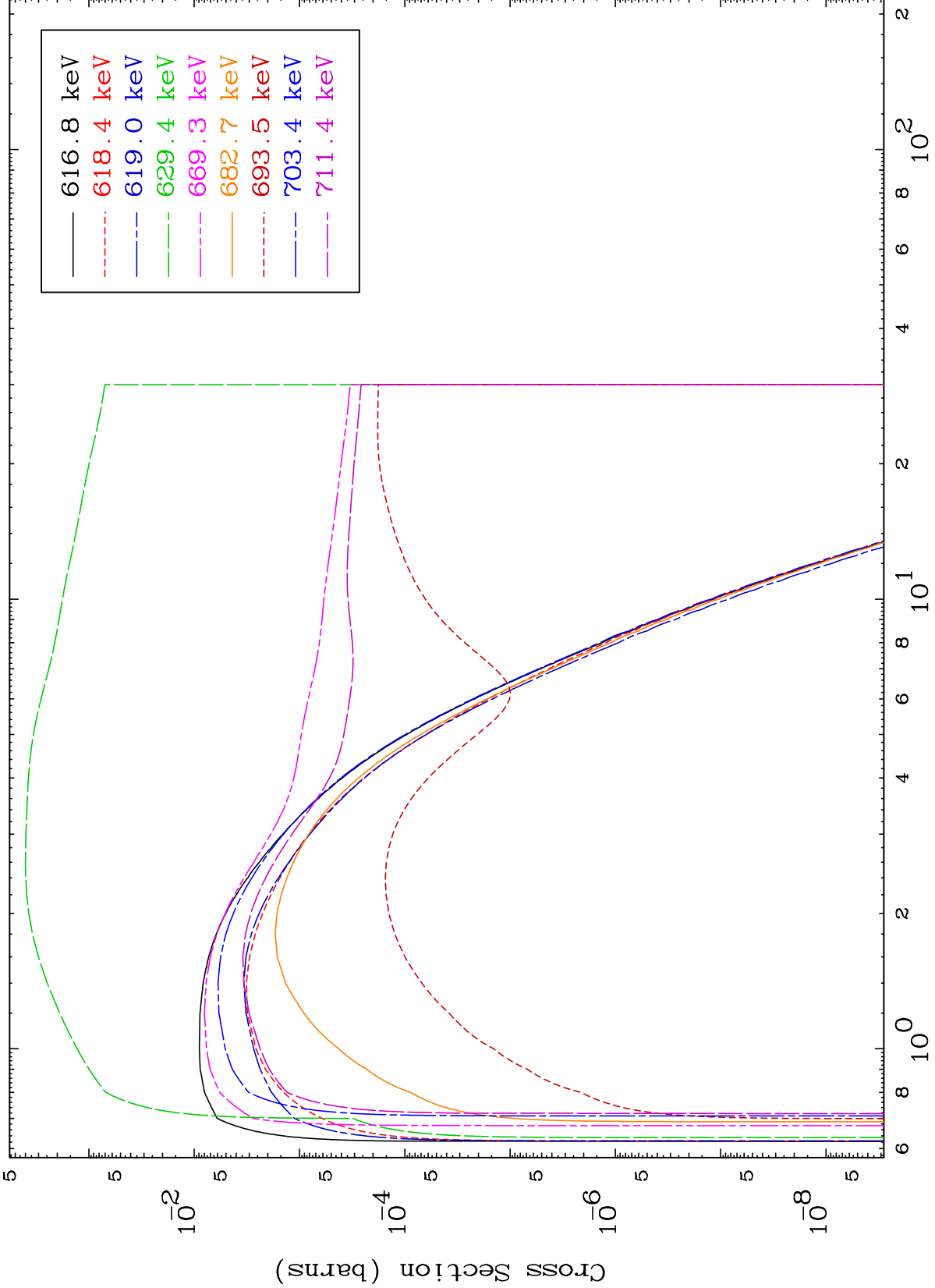
Incident Energy (MeV)

57-La-126

MAT 5689

(n,n') Level  
293 Kelvin Cross Sections

57-La-126



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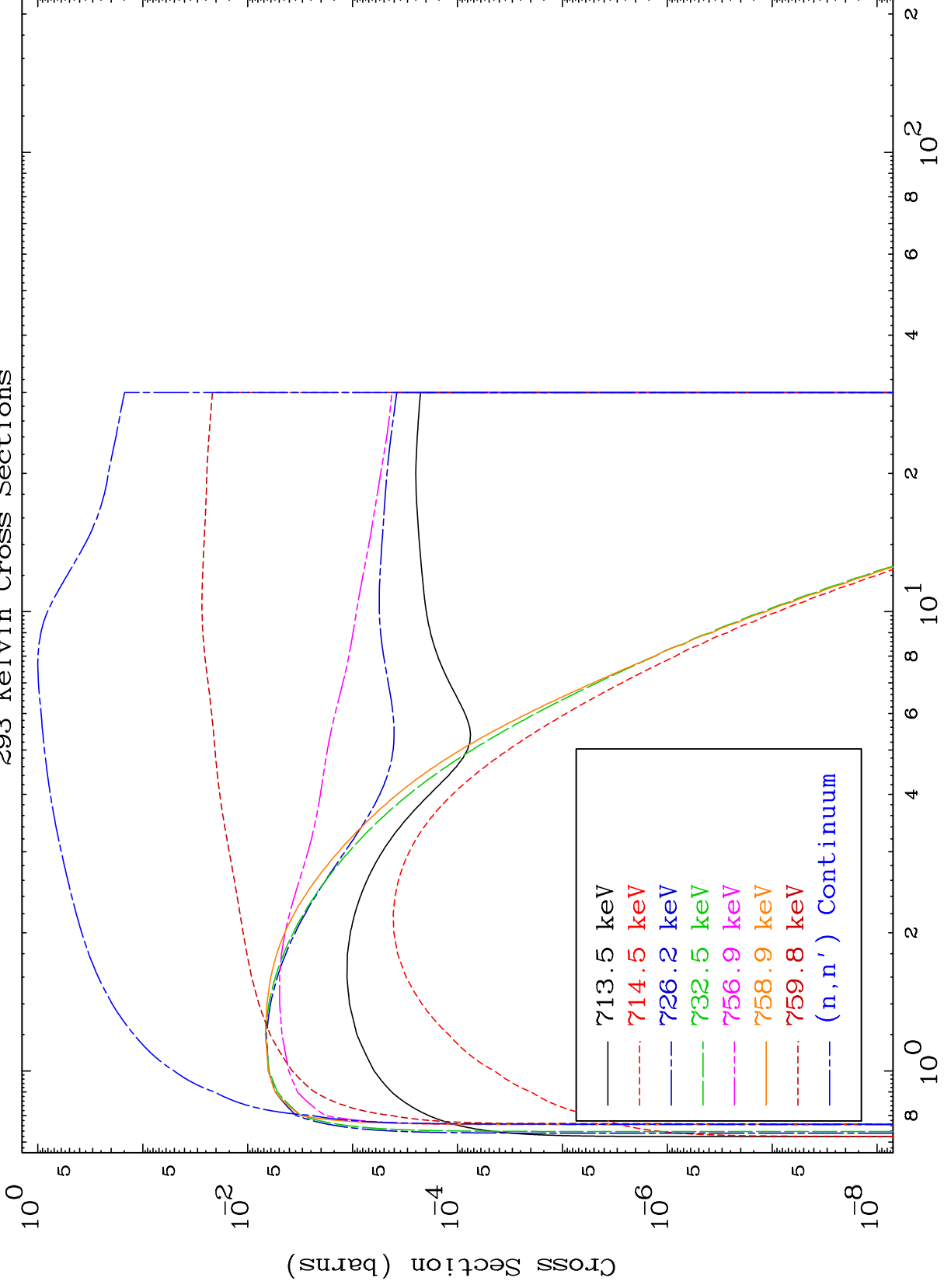
Incident Energy (MeV)

57-La-126

MAT 5689

(n,n') Level  
293 Kelvin Cross Sections

57-La-126



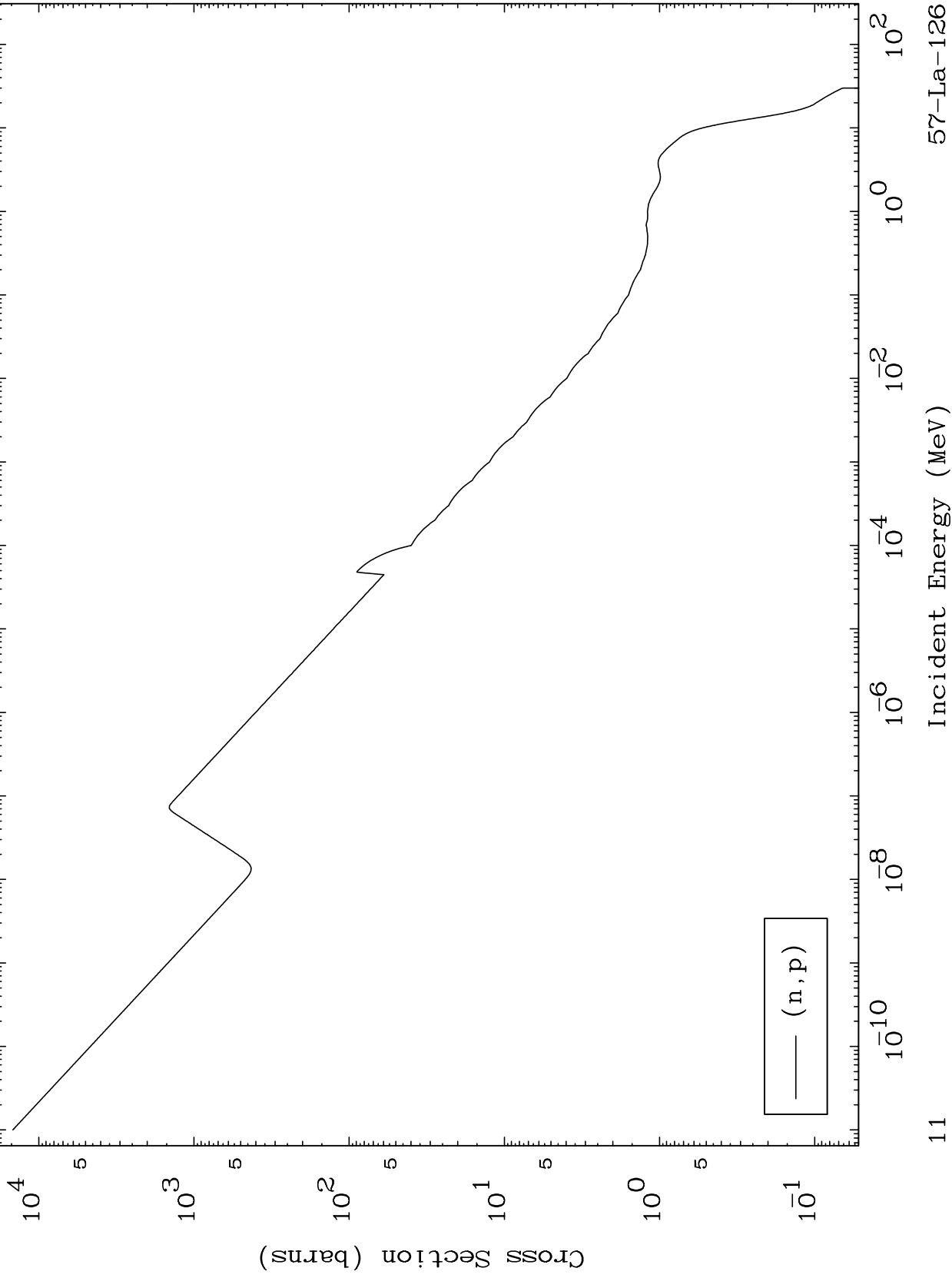
Incident Energy (MeV)

57-La-126

MAT 5689

(n,p) Levels  
293 Kelvin Cross Sections

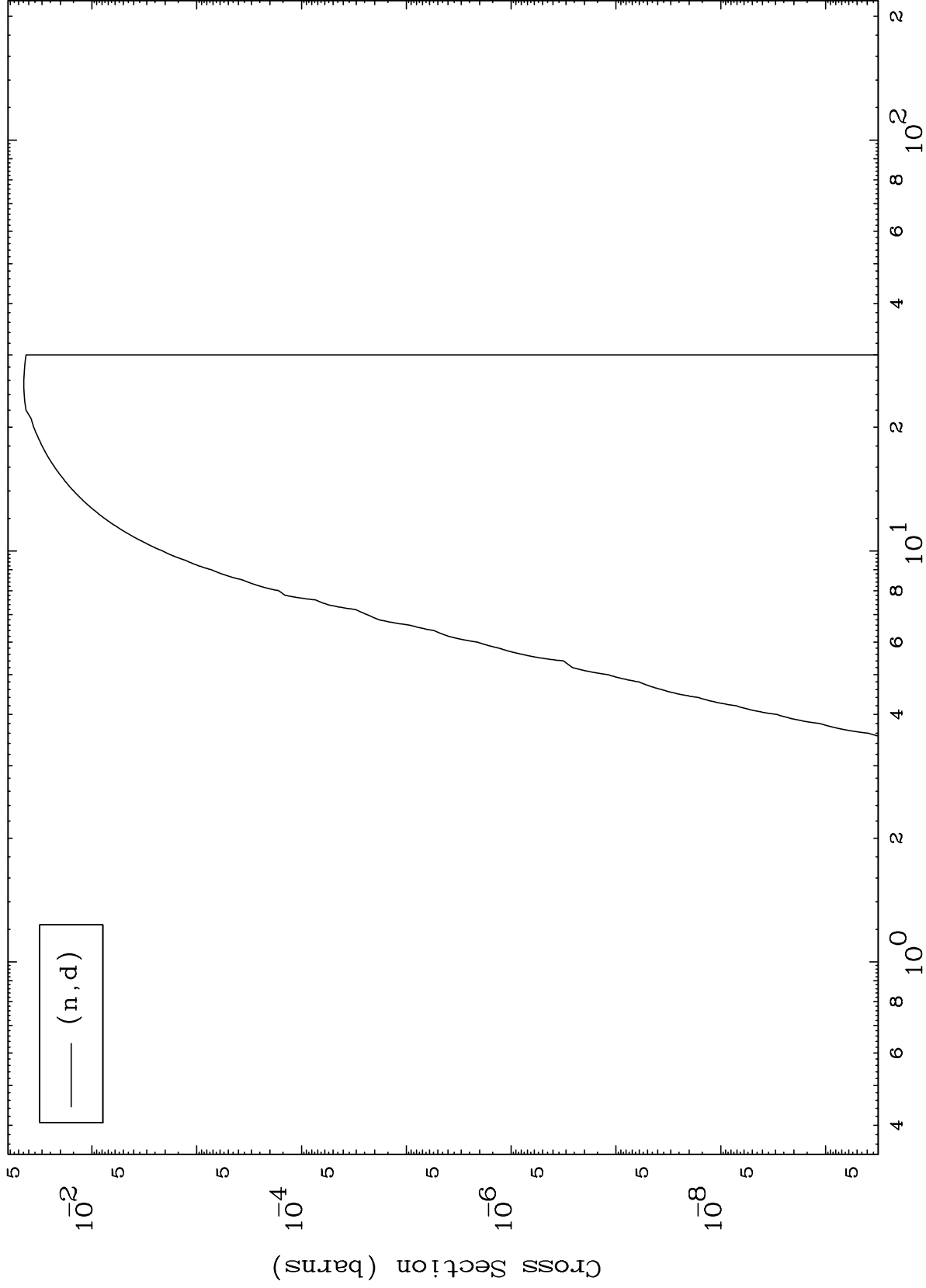
57-La-126



MAT 5689

(n,d) Levels  
293 Kelvin Cross Sections

57-La-126



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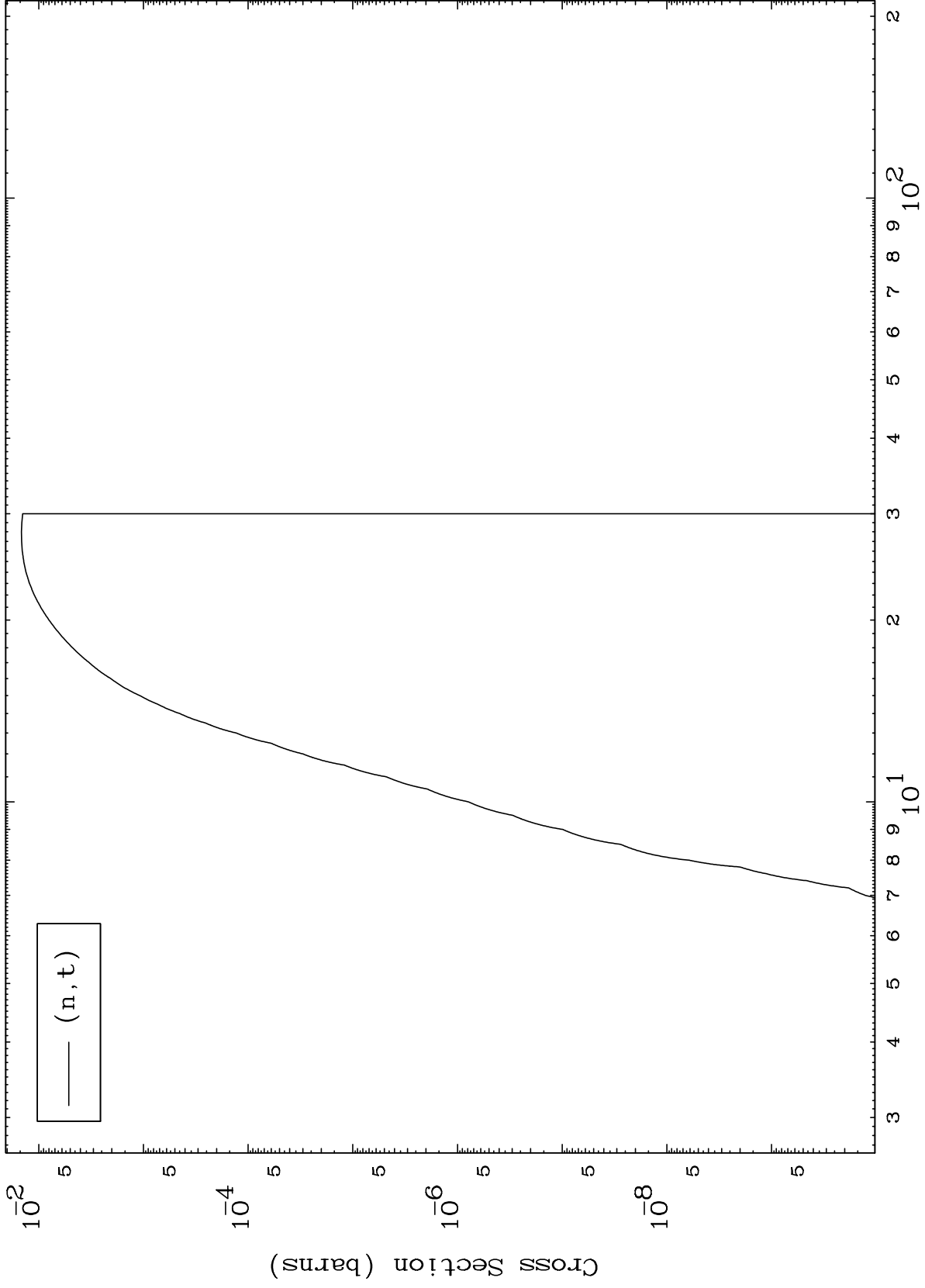
Incident Energy (MeV)

57-La-126

MAT 5689

(n,t) Levels  
293 Kelvin Cross Sections

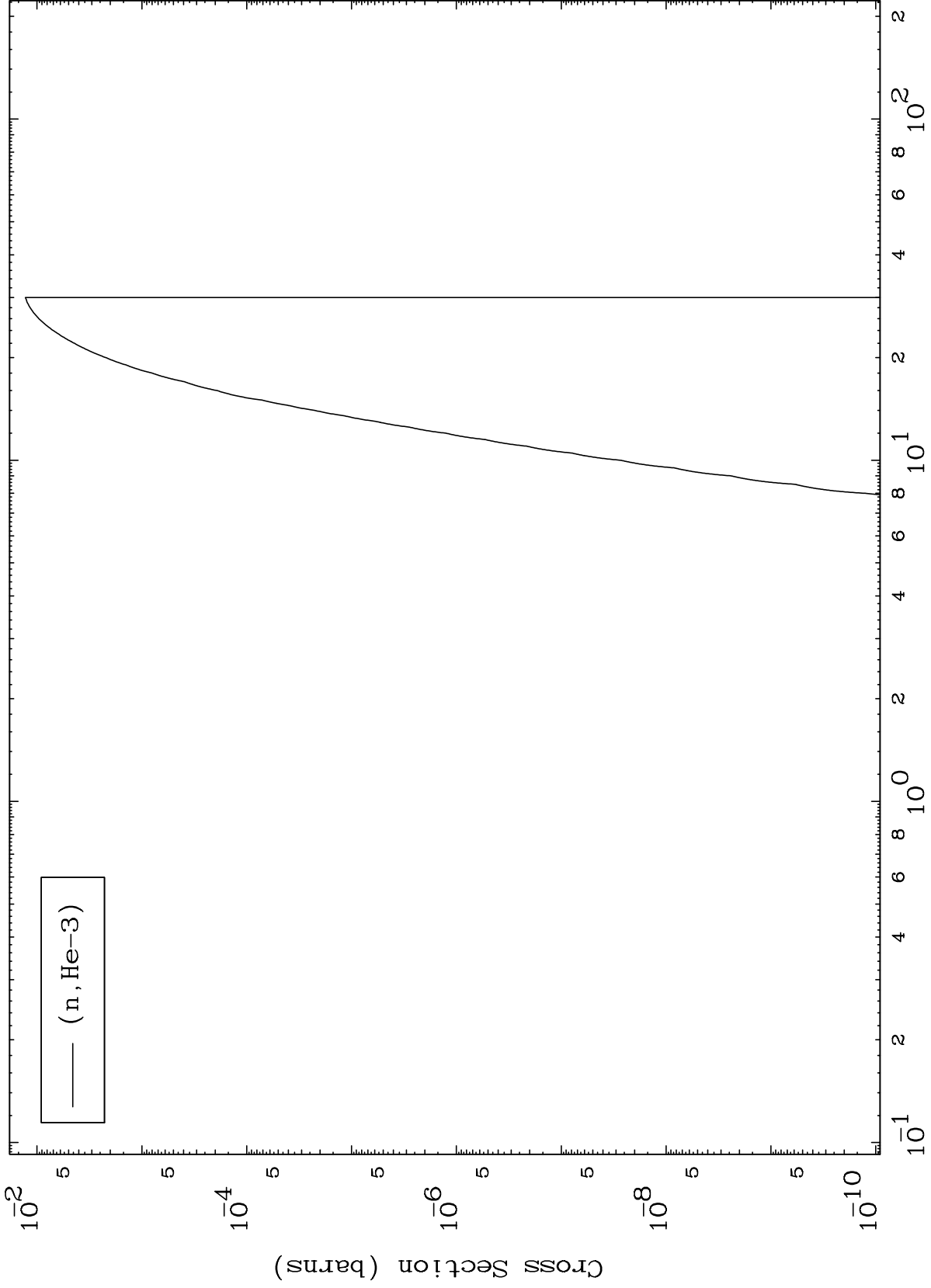
57-La-126



MAT 5689

(n,He3) Levels  
293 Kelvin Cross Sections

57-La-126



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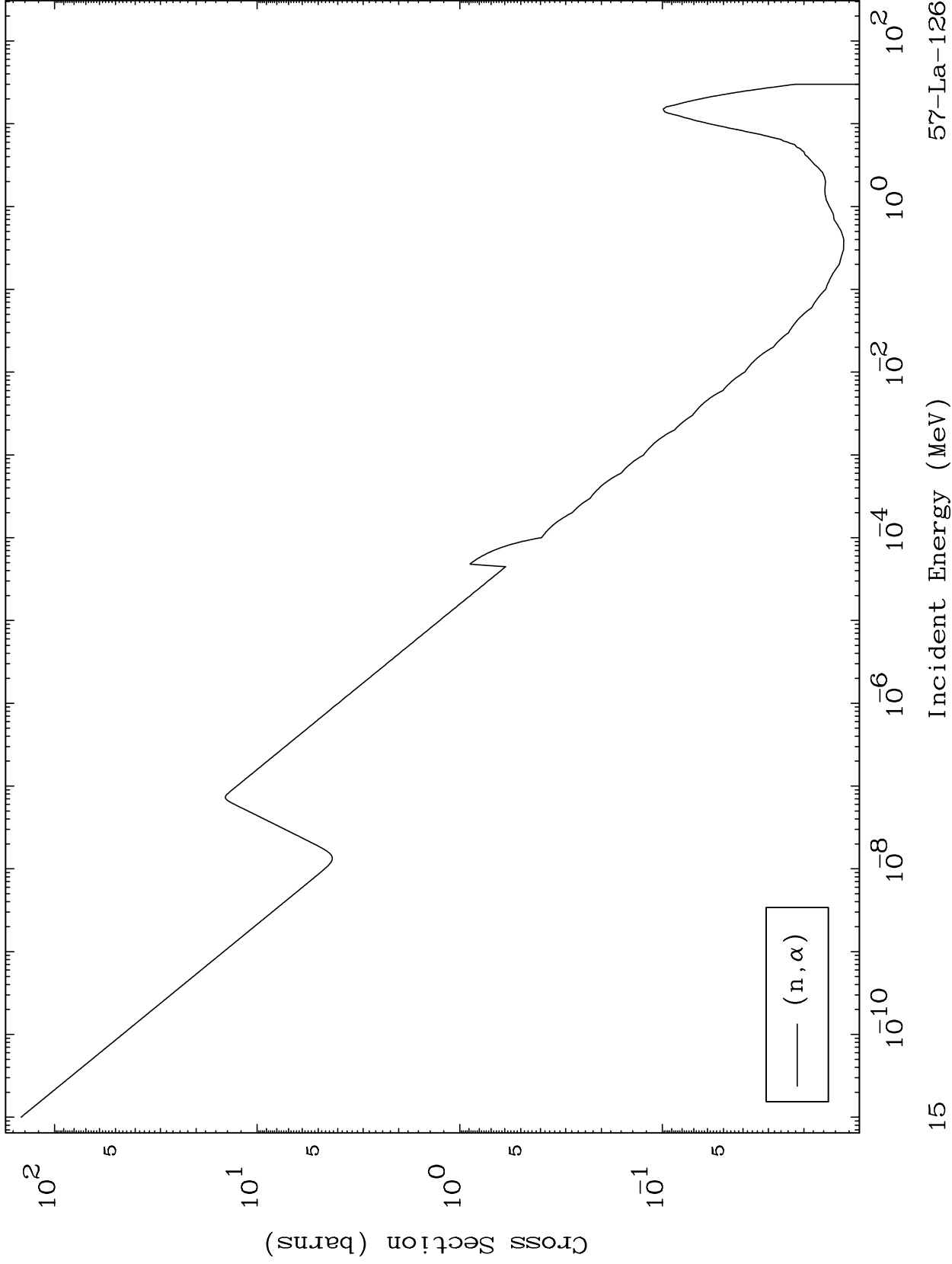
Incident Energy (MeV)

57-La-126

MAT 5689

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

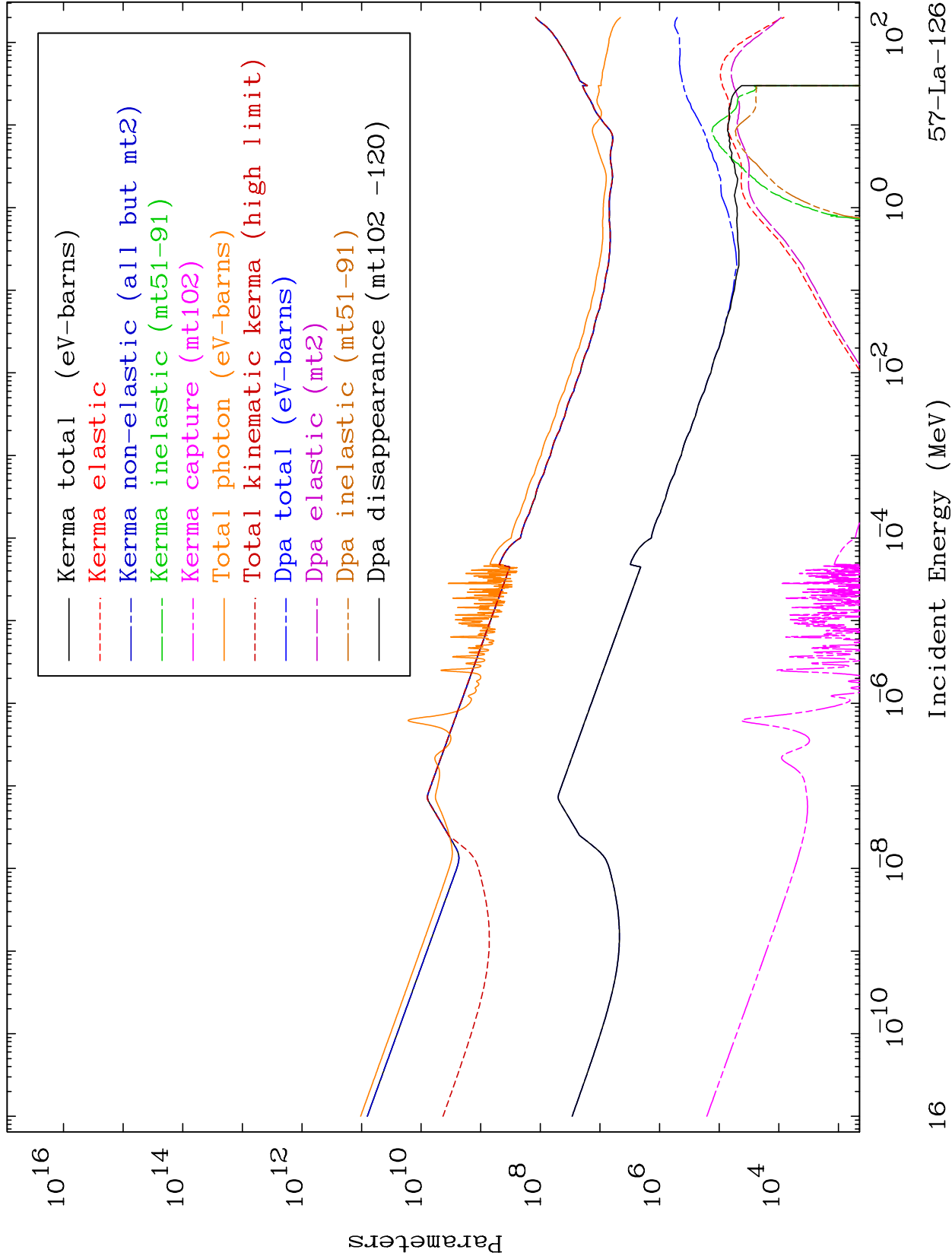
57-La-126



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57-La-126

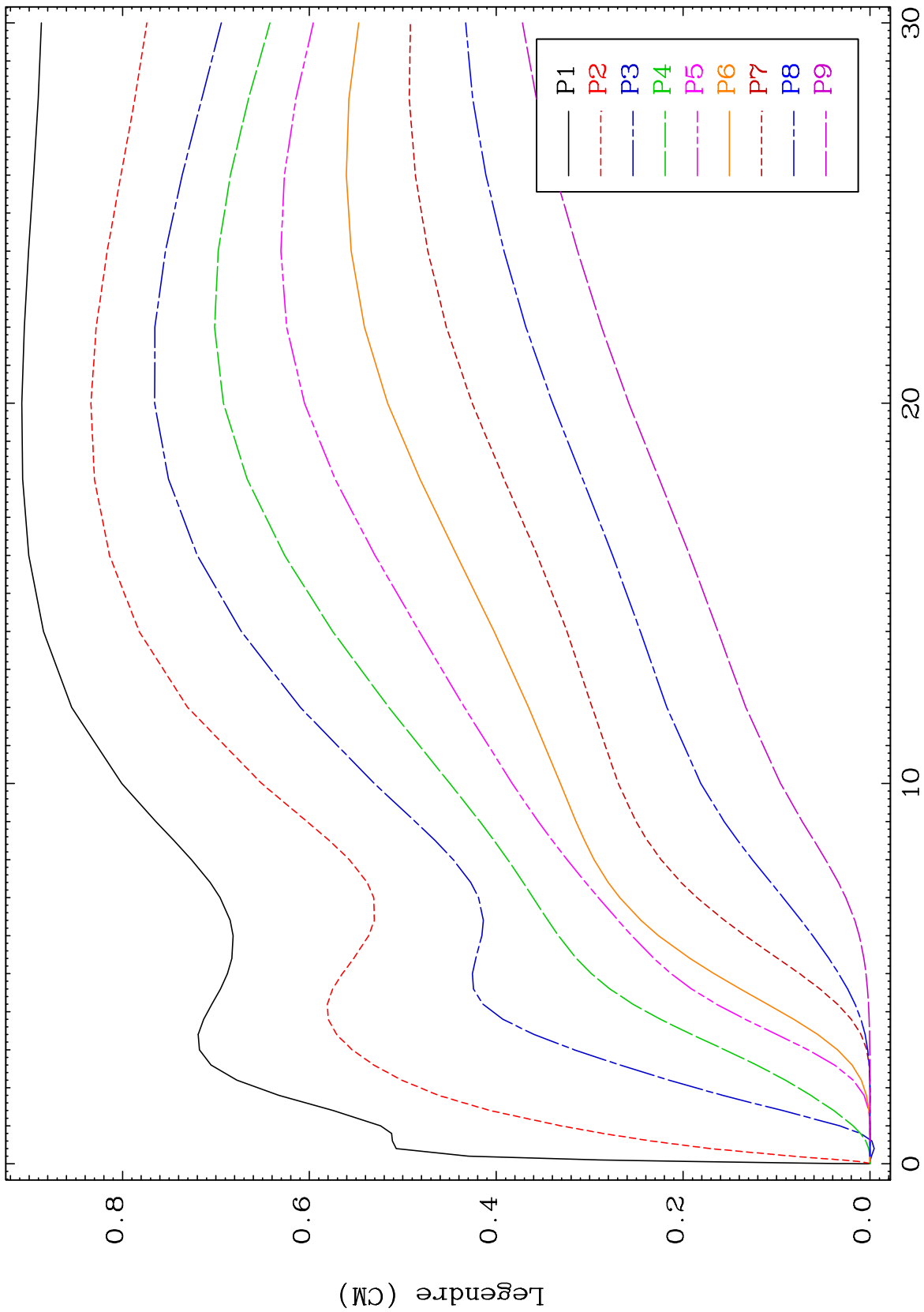




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Elastic Legendre Coefficients



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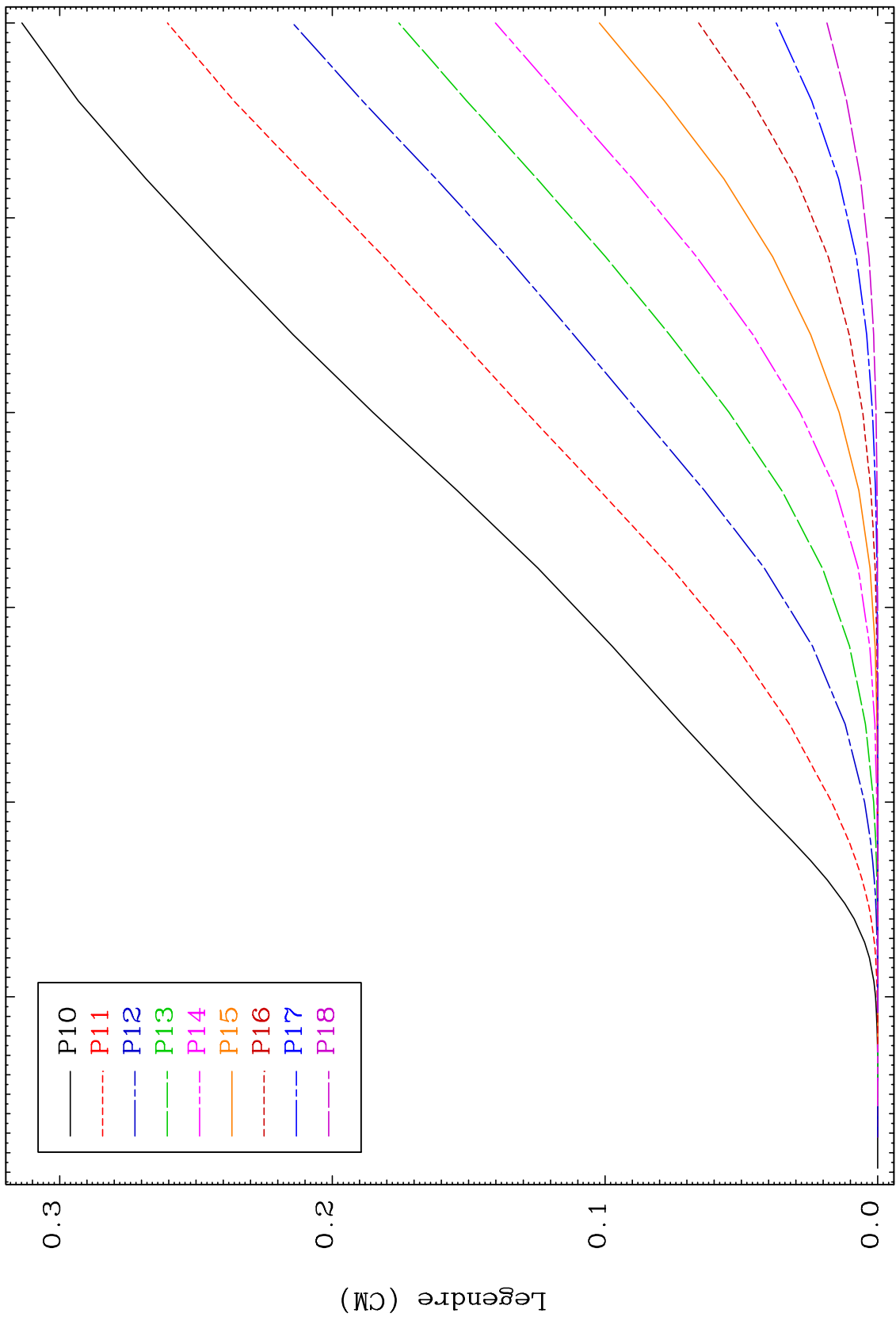
Incident Energy (MeV)

57-La-126

MAT 5689

Elastic Legendre Coefficients

57-La-126



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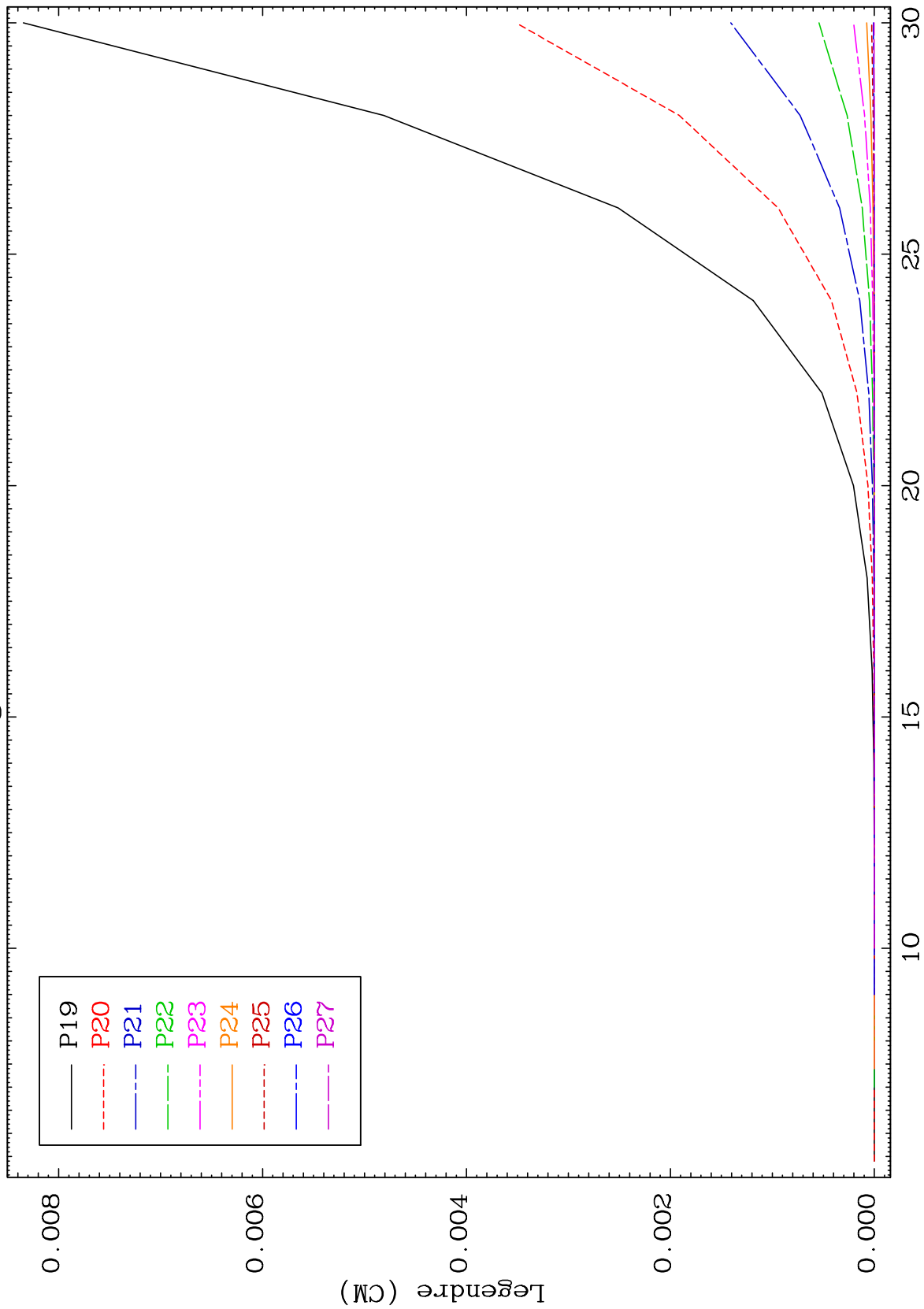
Incident Energy (MeV)

57-La-126

MAT 5689

Elastic Legendre Coefficients

57-La-126



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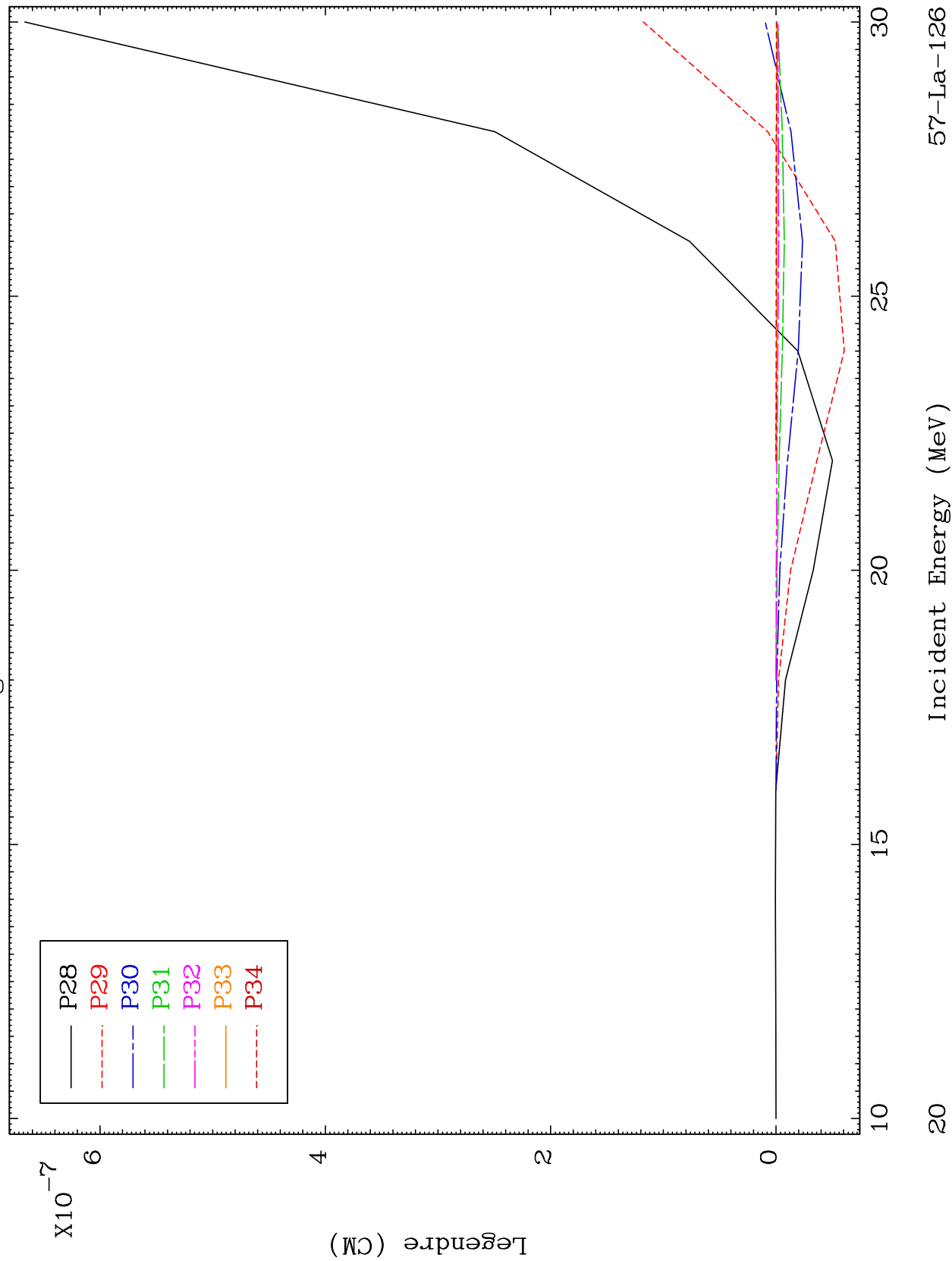
Incident Energy (MeV)

57-La-126

MAT 5689

Elastic  
Legendre Coefficients

57-La-126



57-La-126

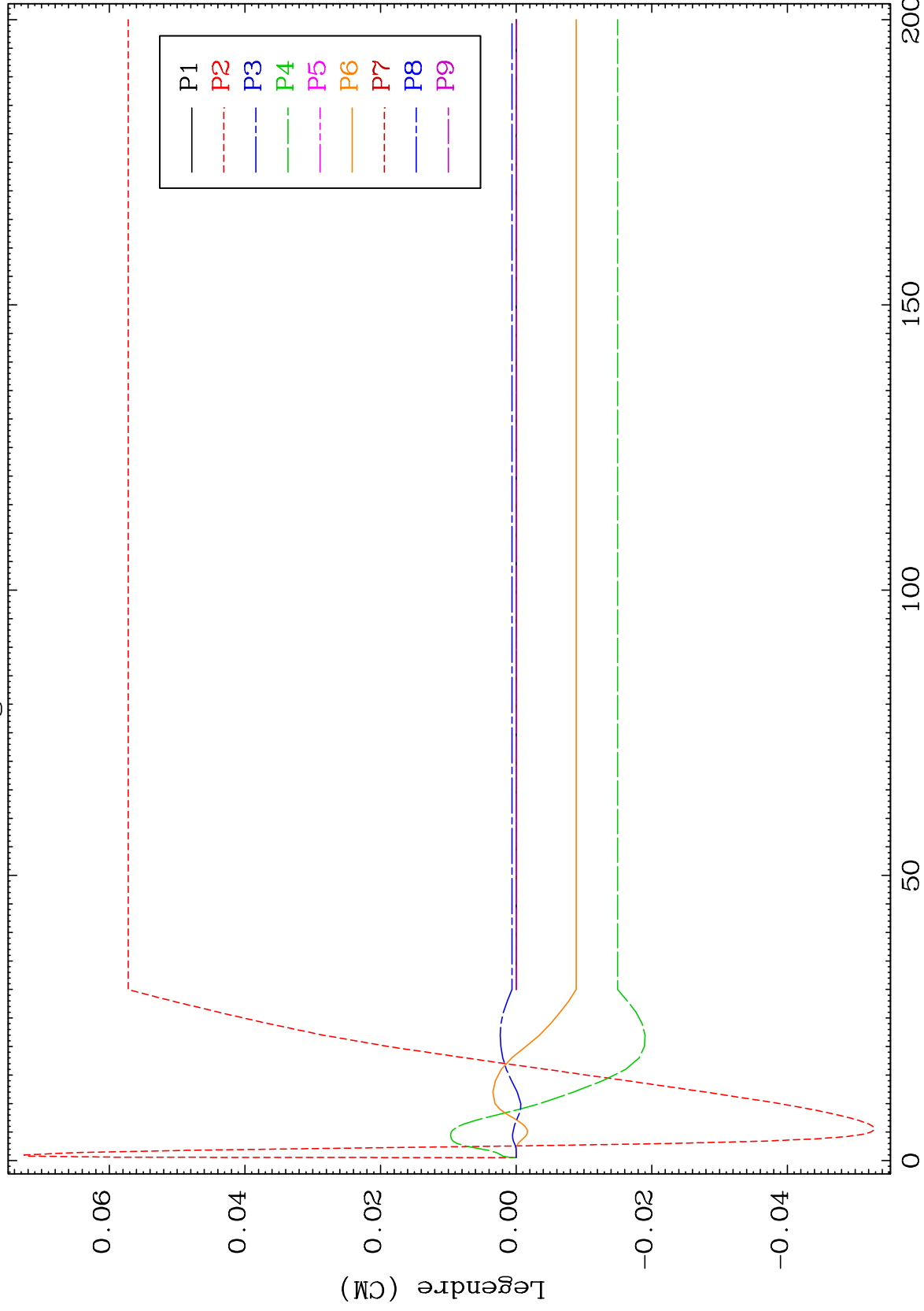
Incident Energy (MeV)

20

MAT 5689

510.0 keV (n,n') Level  
Legendre Coefficients

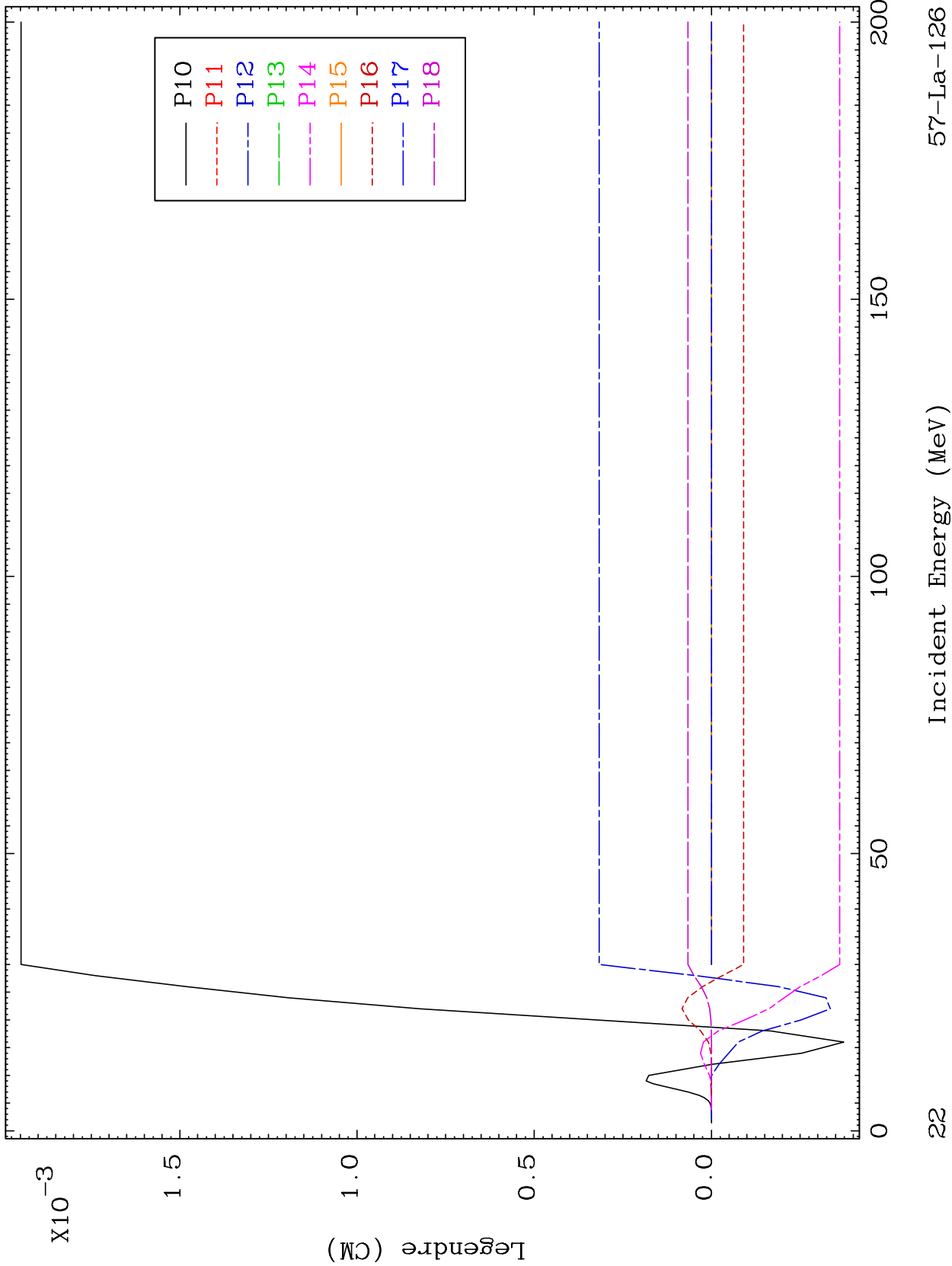
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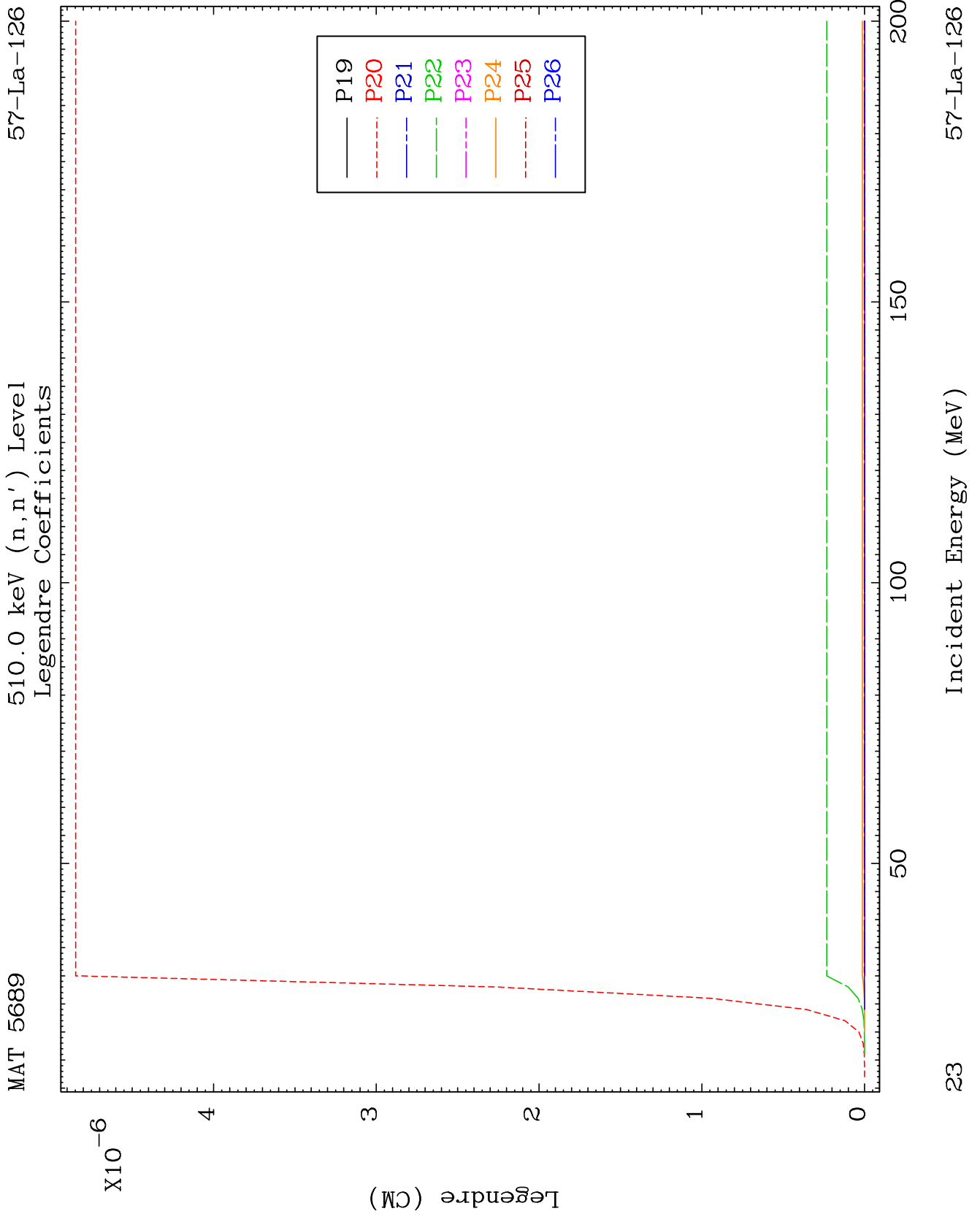


21

Incident Energy (MeV)

57-La-126



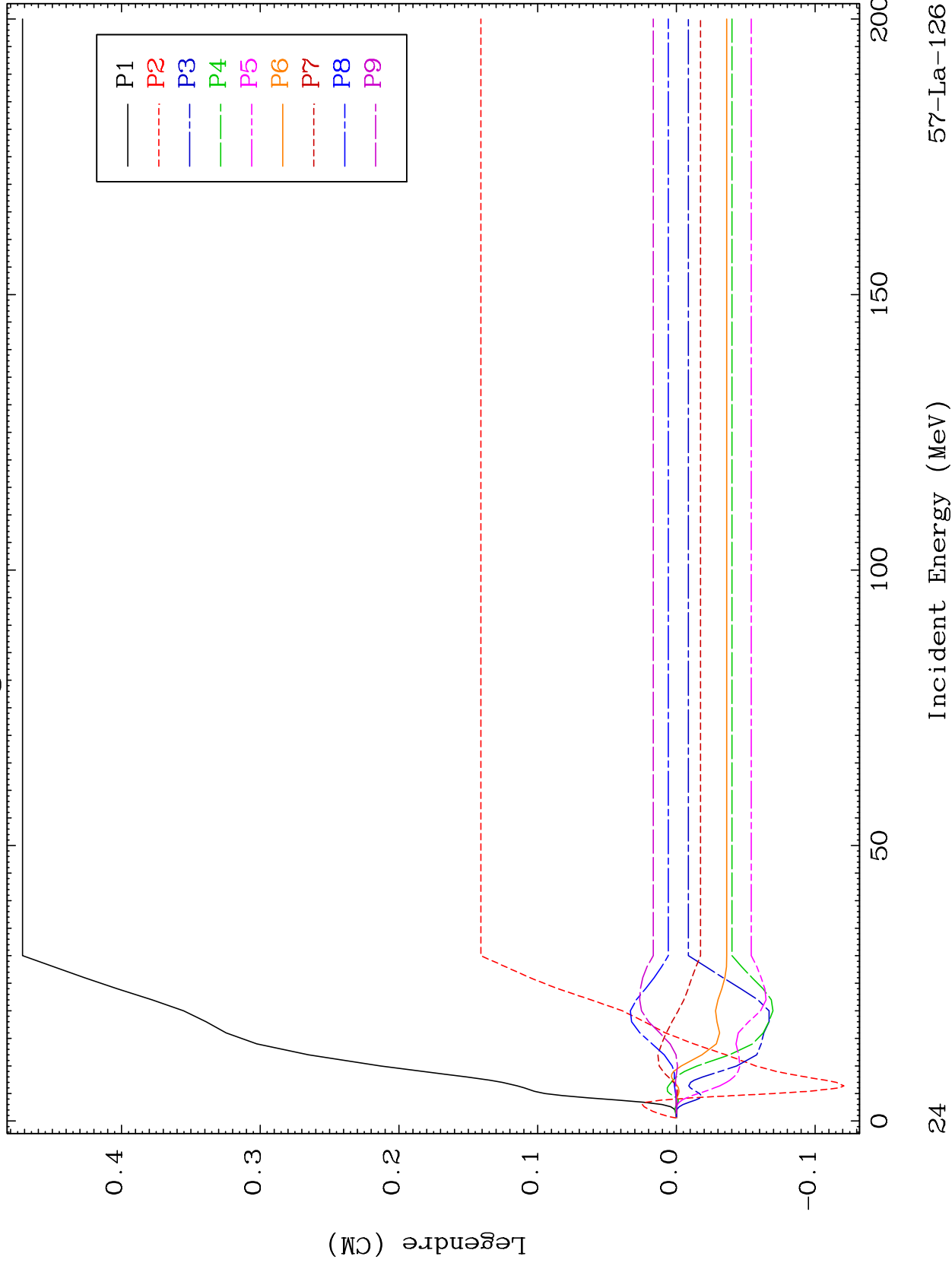




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552.9 keV (n,n') Level  
Legendre Coefficients

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57-La-126

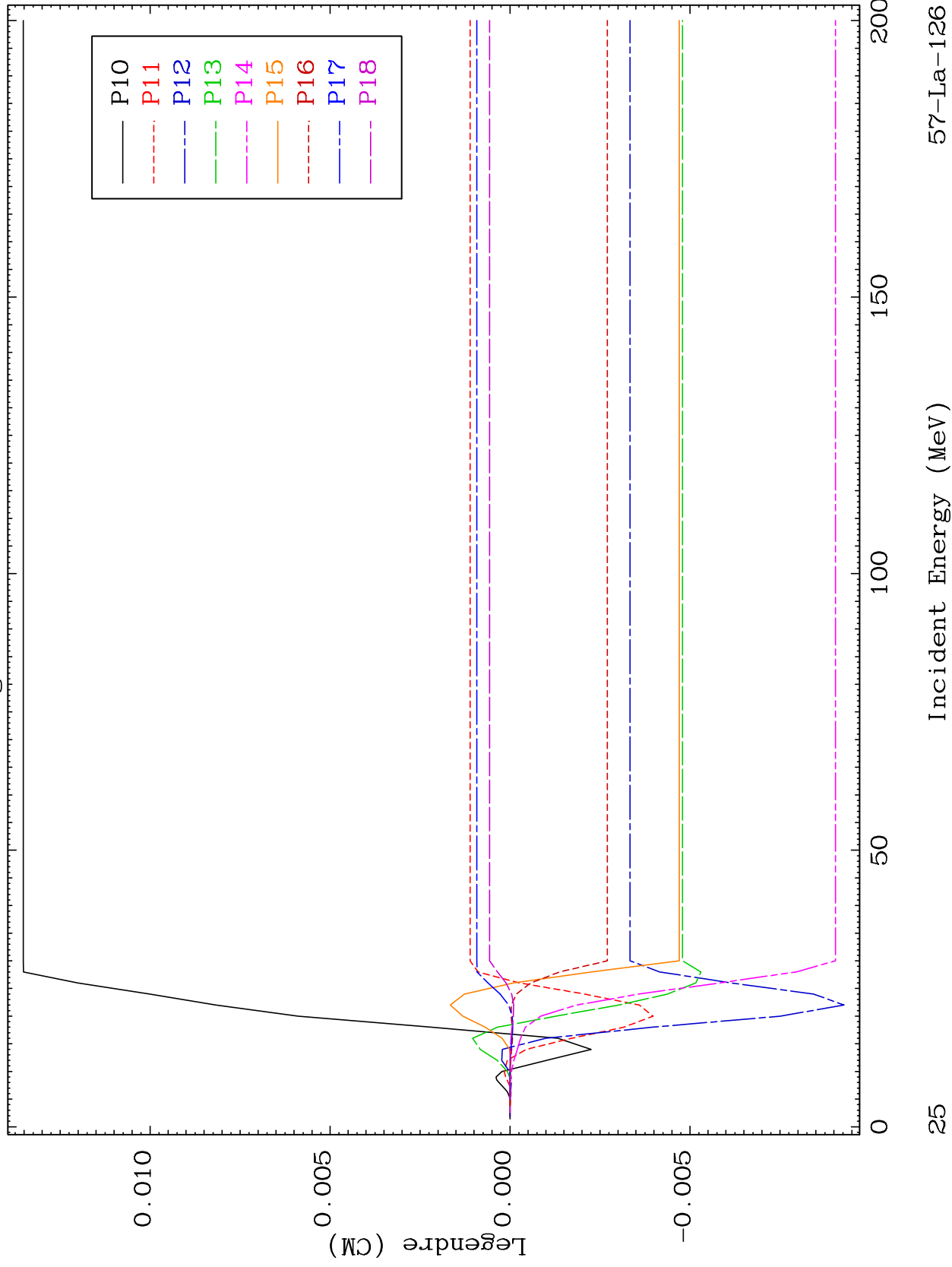
Incident Energy (MeV)

24

MAT 5689

552.9 keV (n,n') Level  
Legendre Coefficients

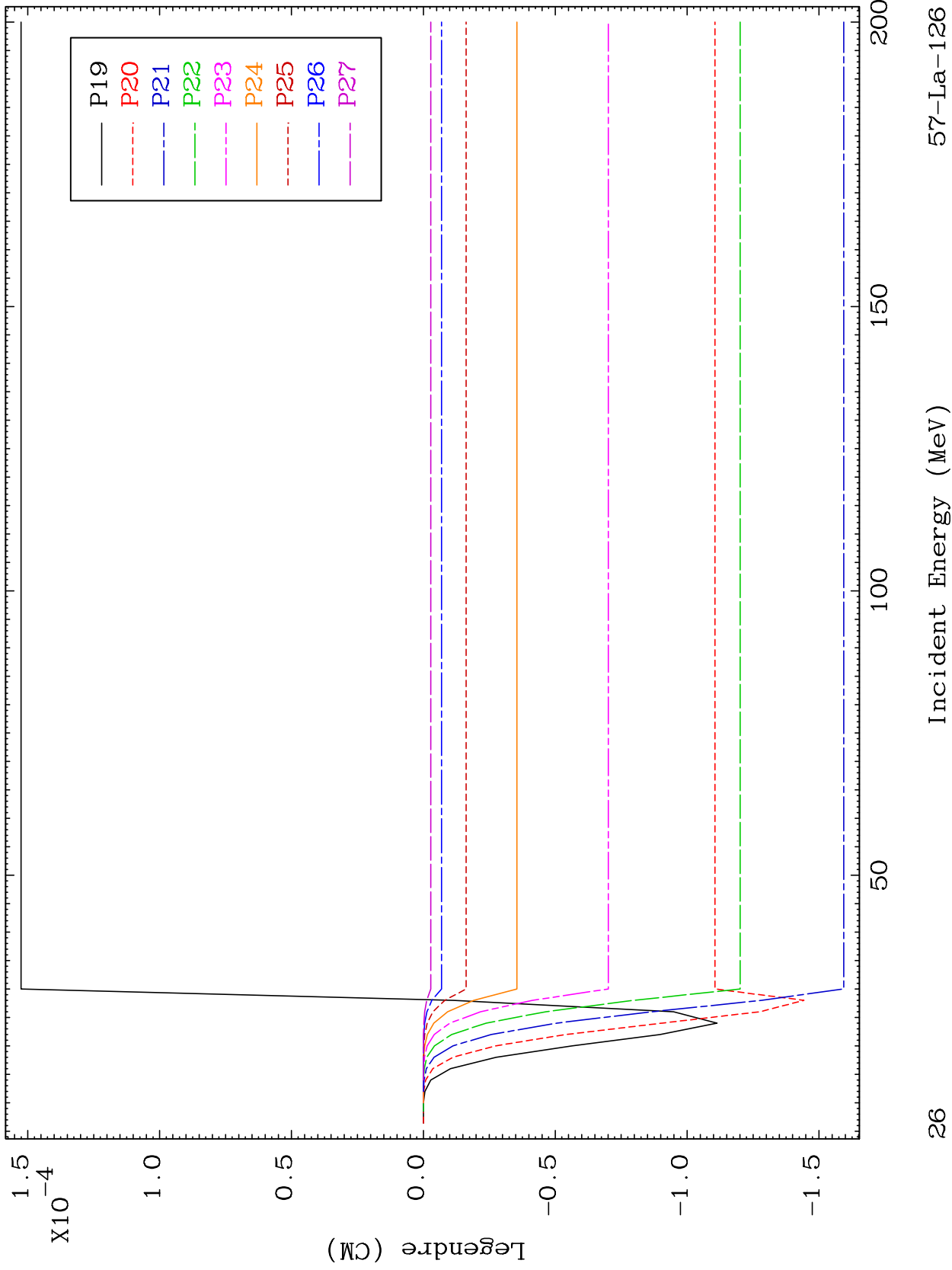
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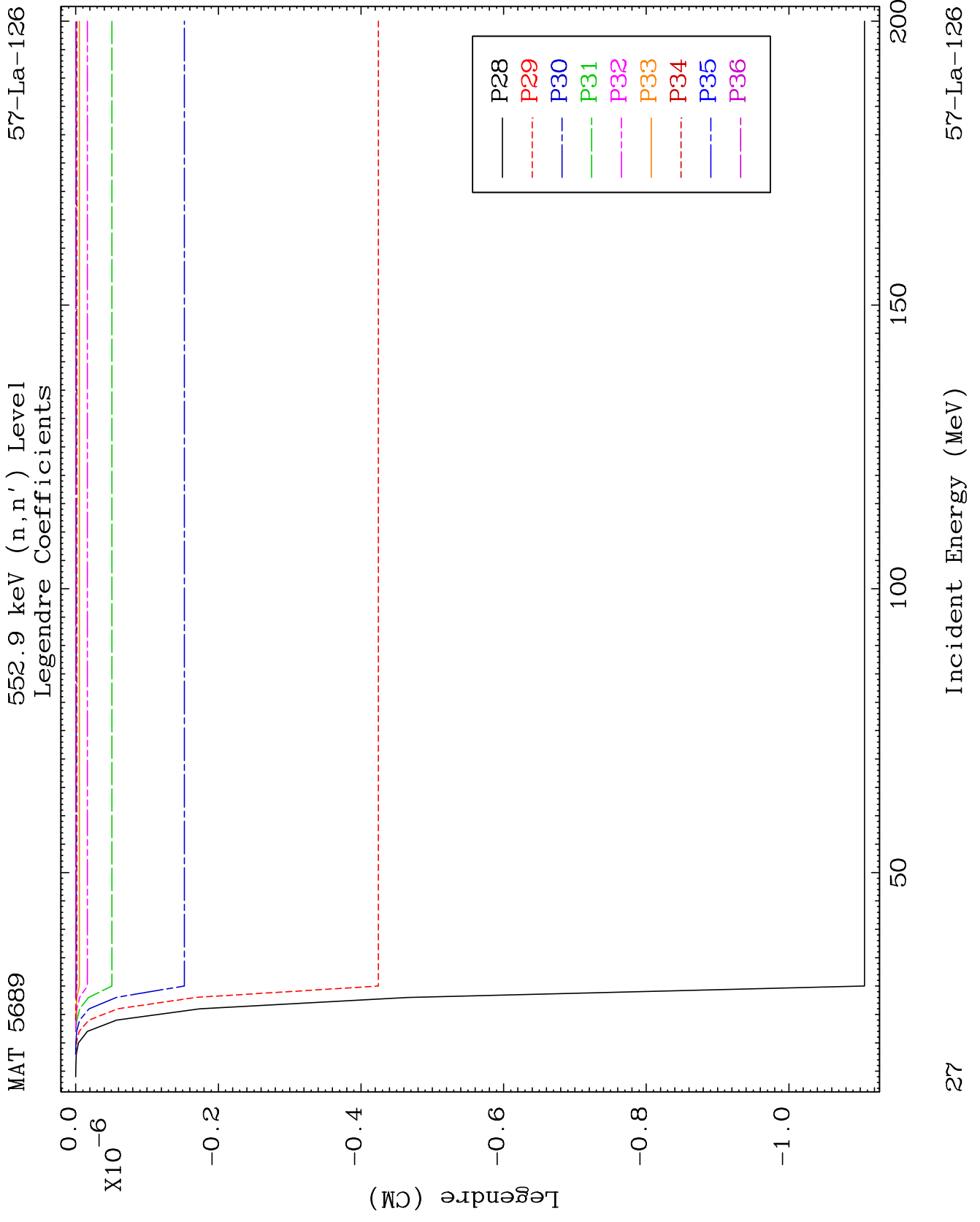


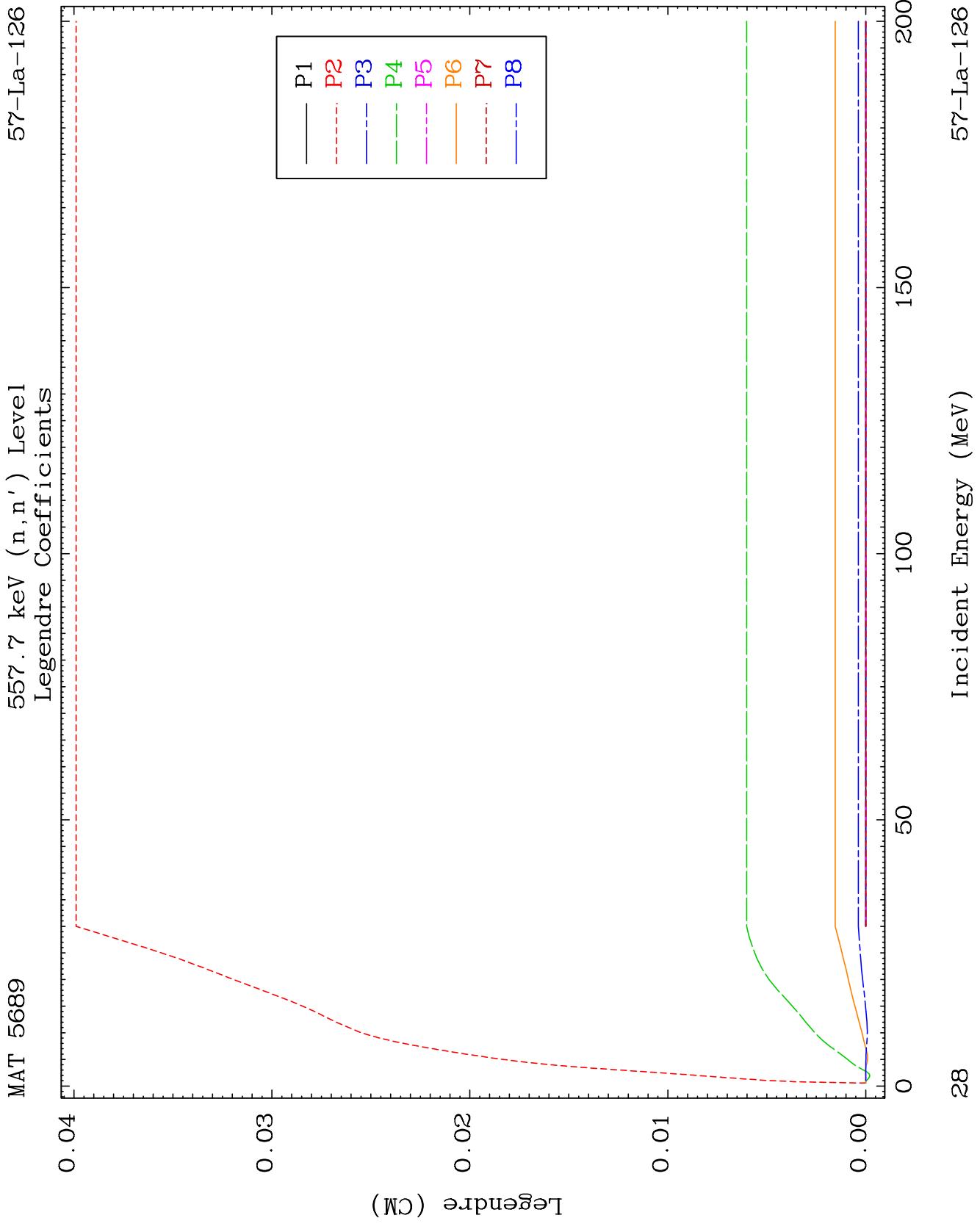
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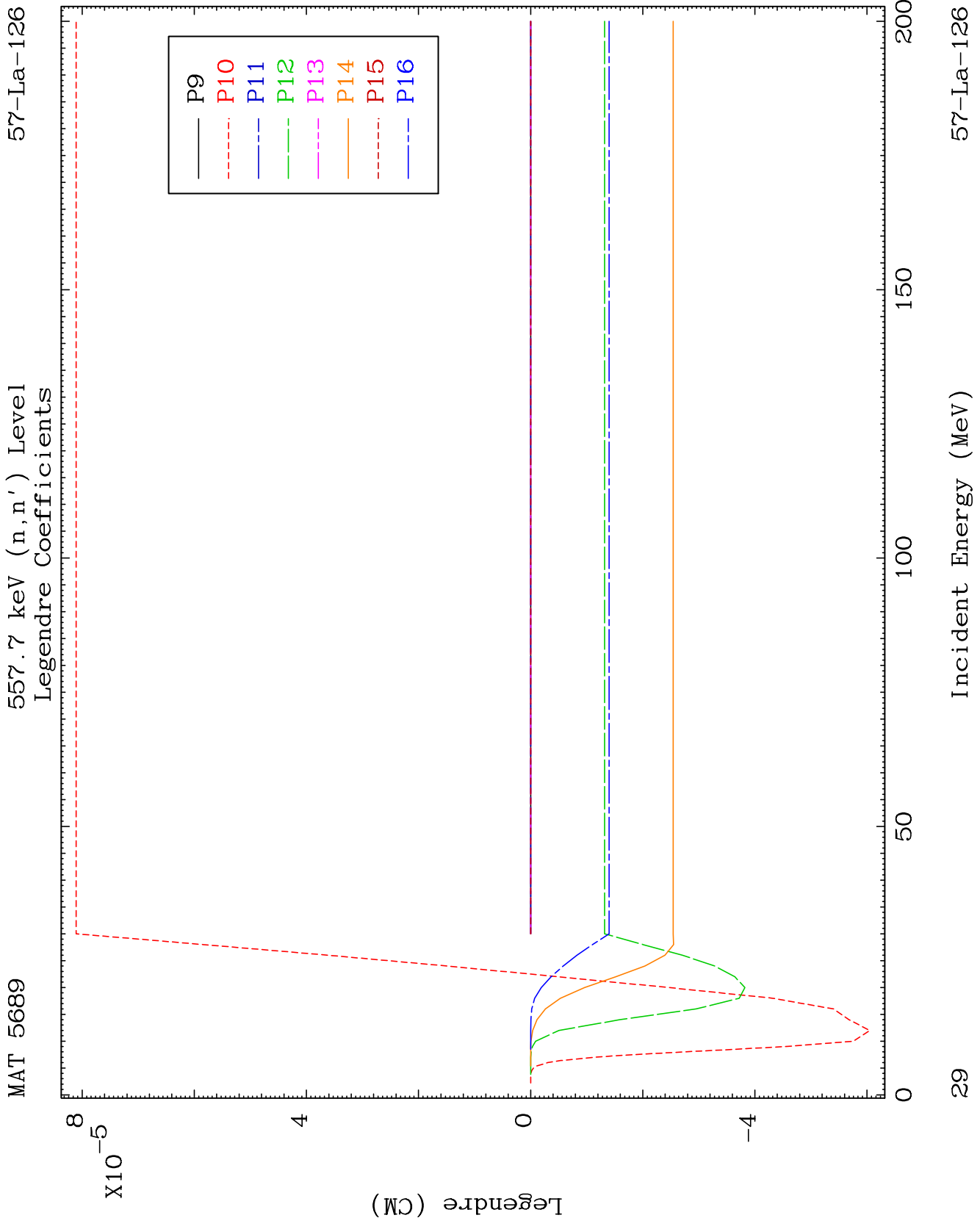
Incident Energy (MeV)

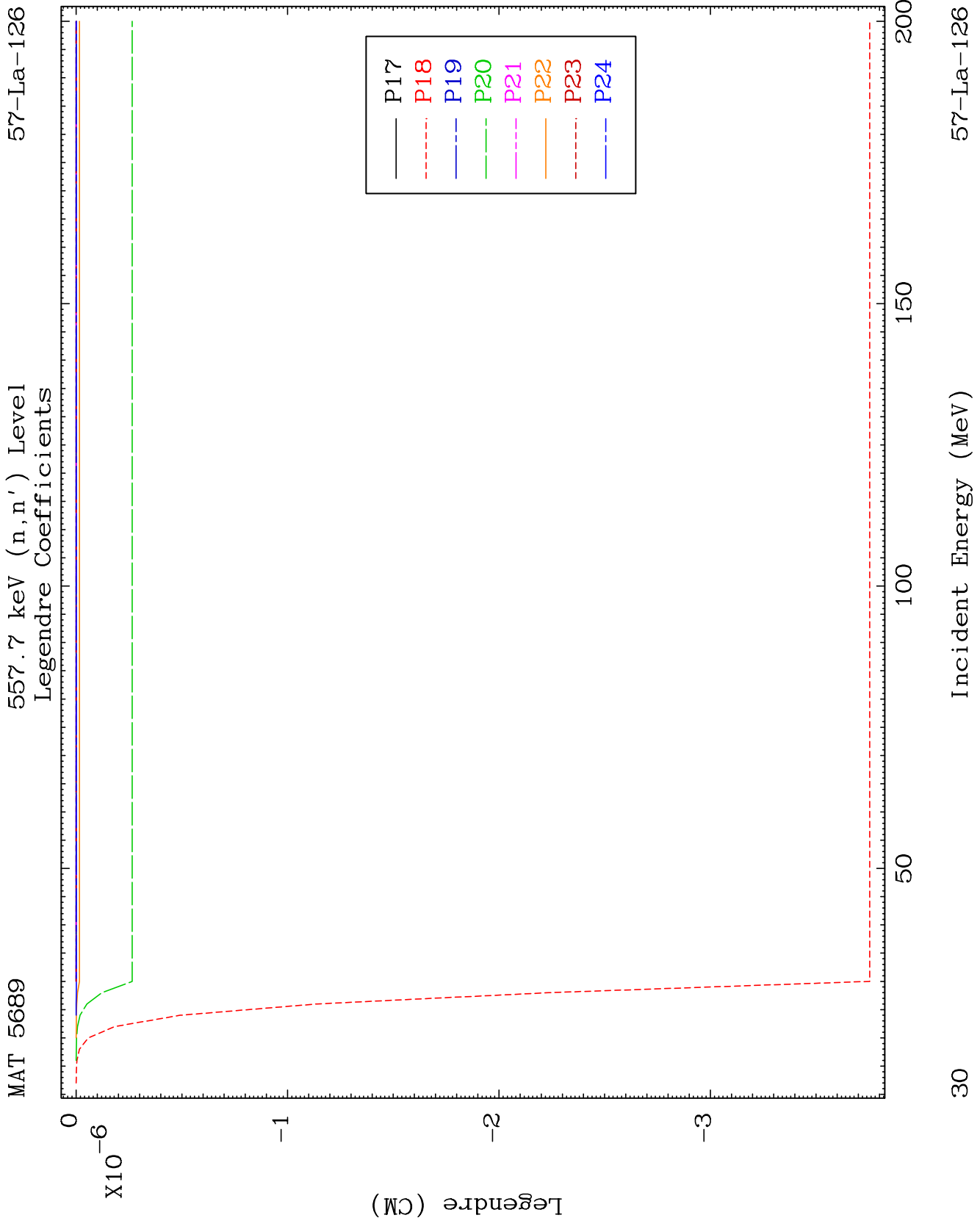
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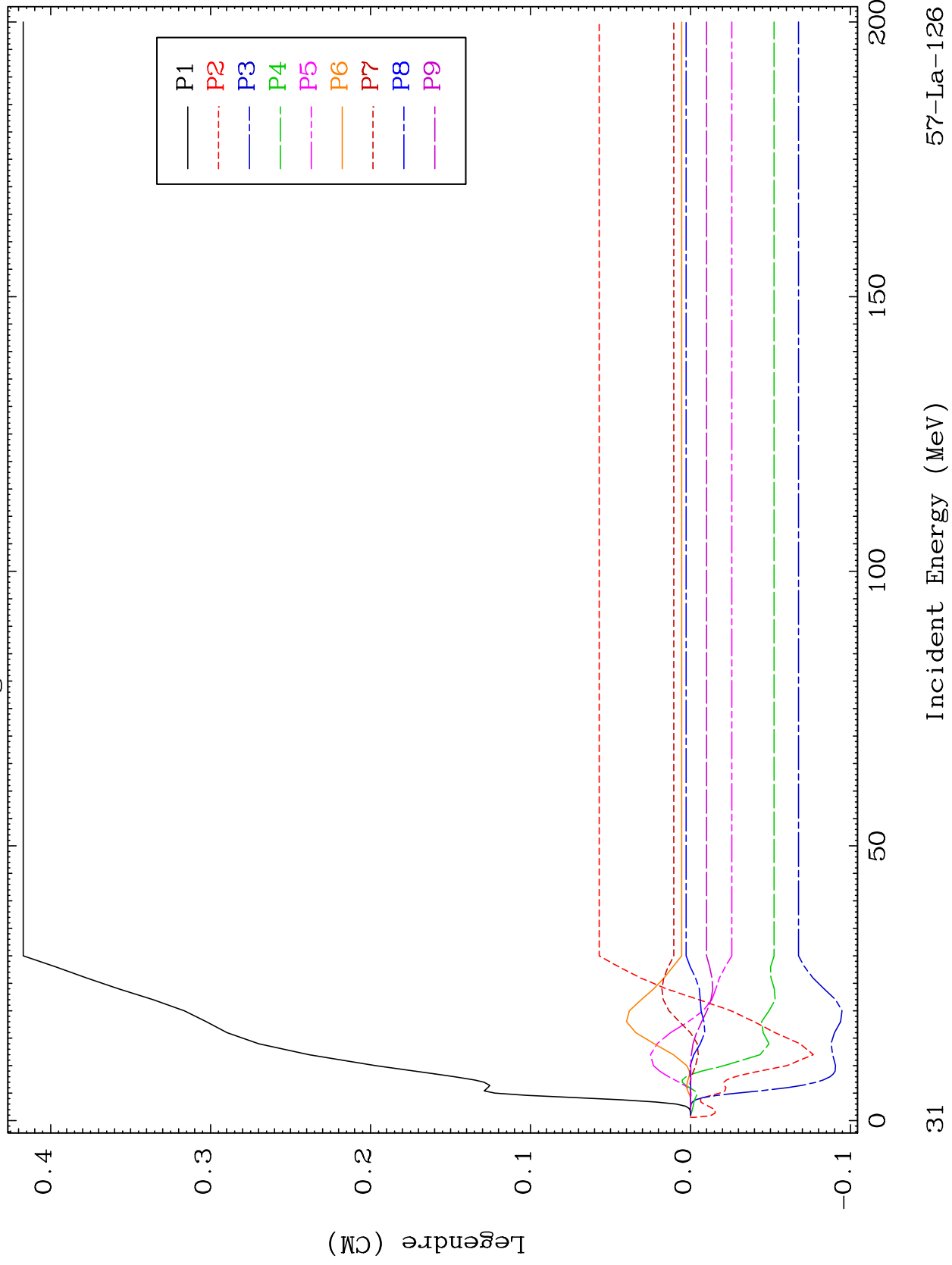




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569.2 keV (n,n') Level  
Legendre Coefficients

57-La-126



57-La-126

Incident Energy (MeV)

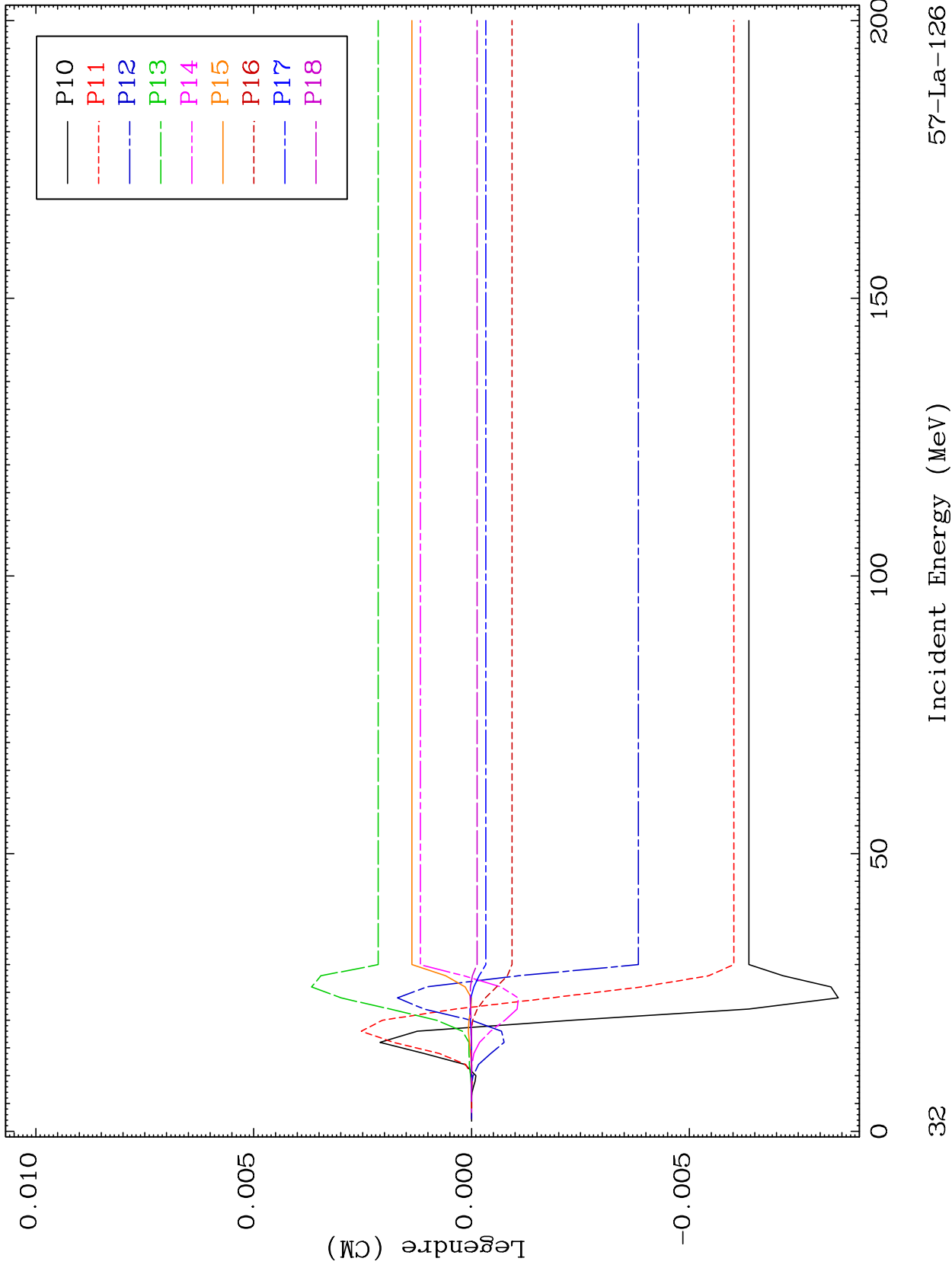
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MAT 5689

569.2 keV (n,n') Level  
Legendre Coefficients

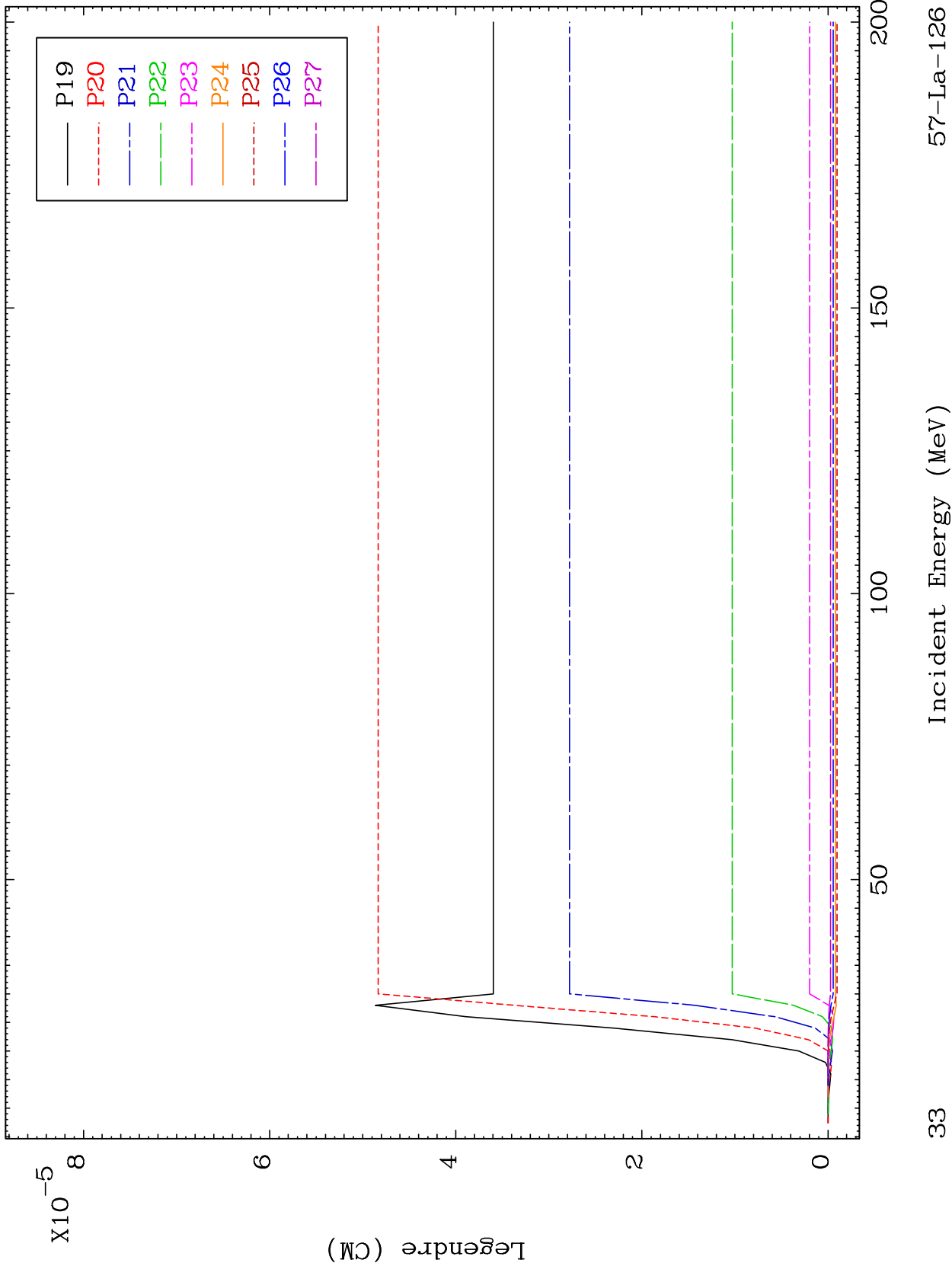
57-La-126



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Incident Energy (MeV)

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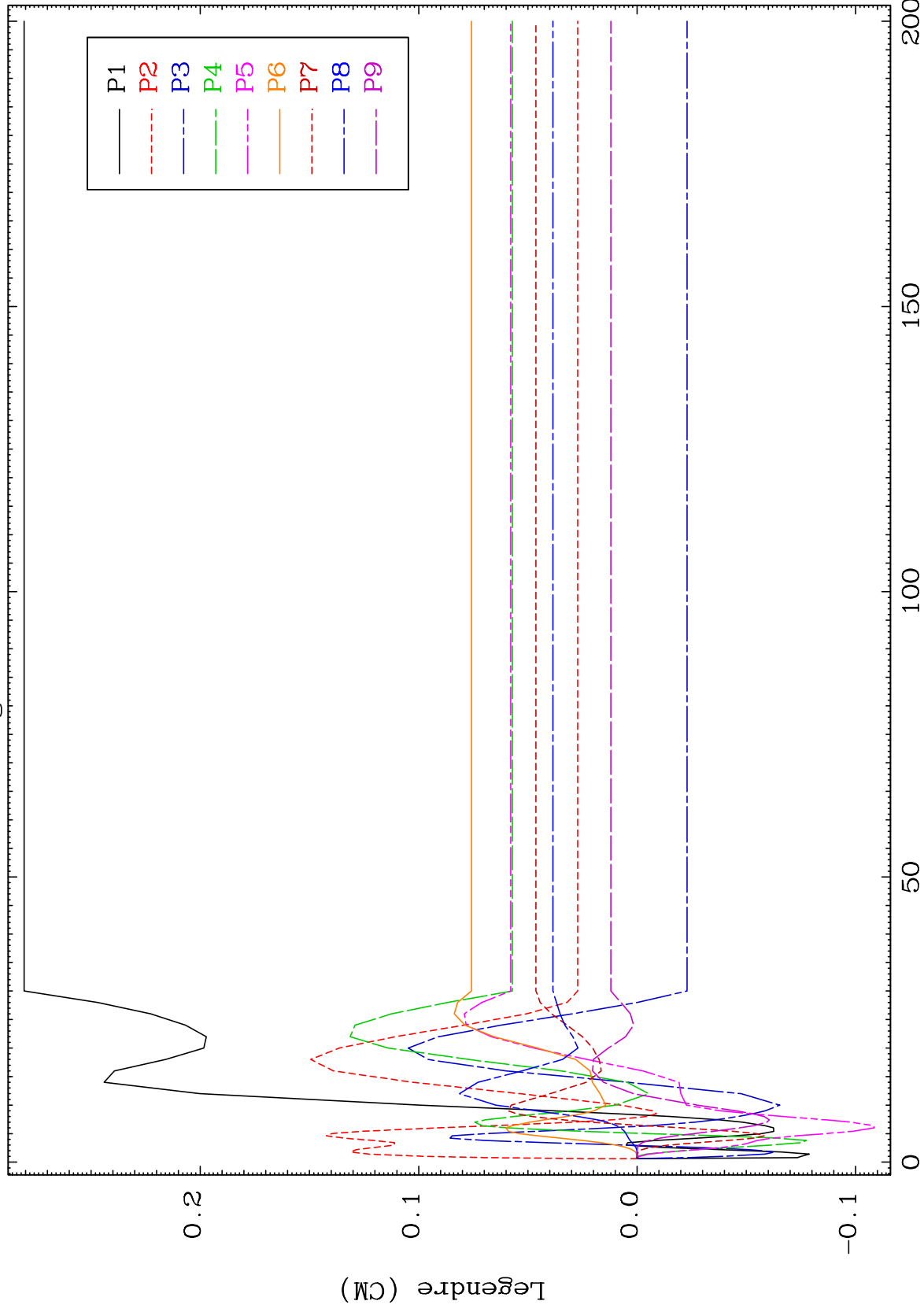




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589.0 keV (n,n') Level  
Legendre Coefficients

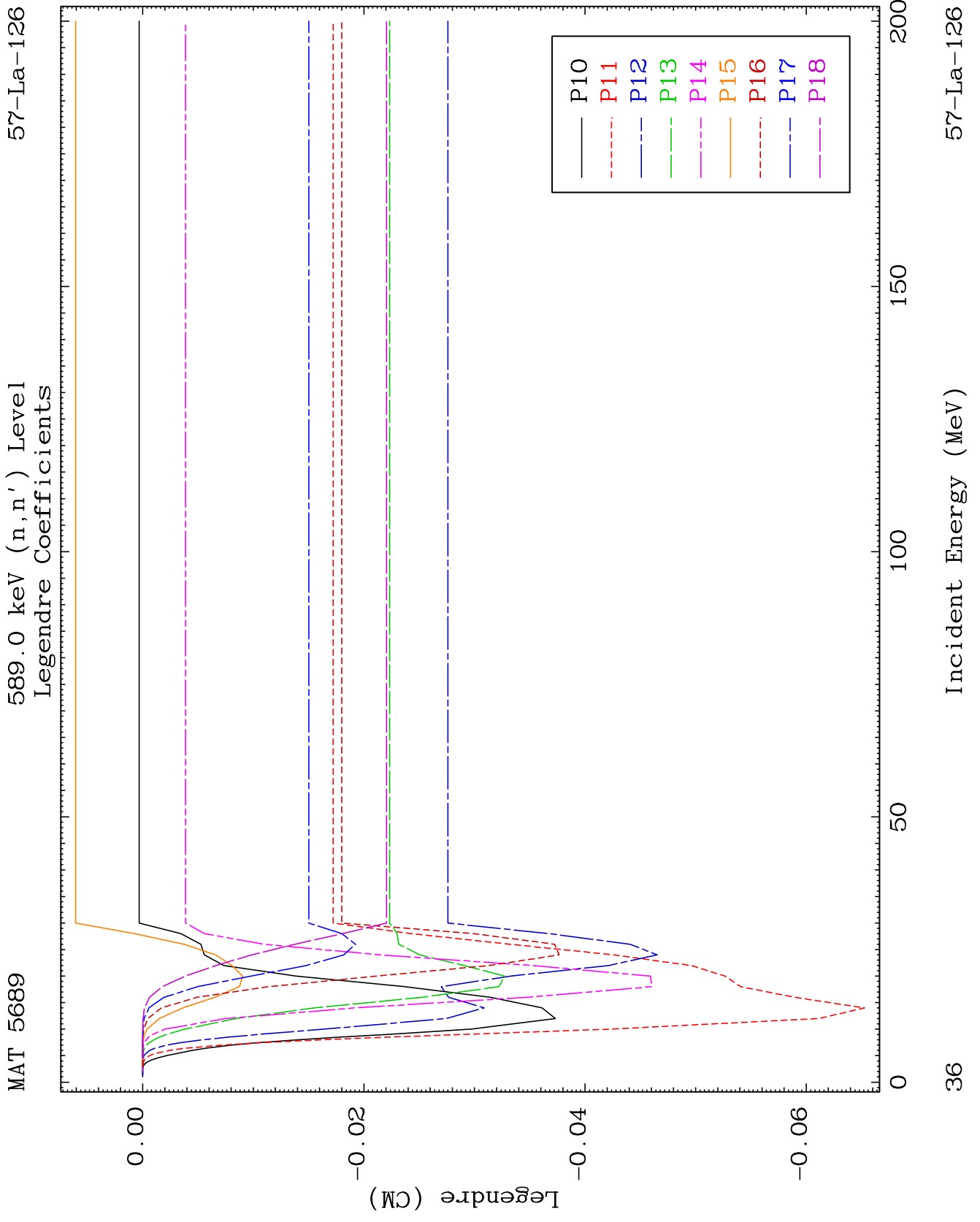
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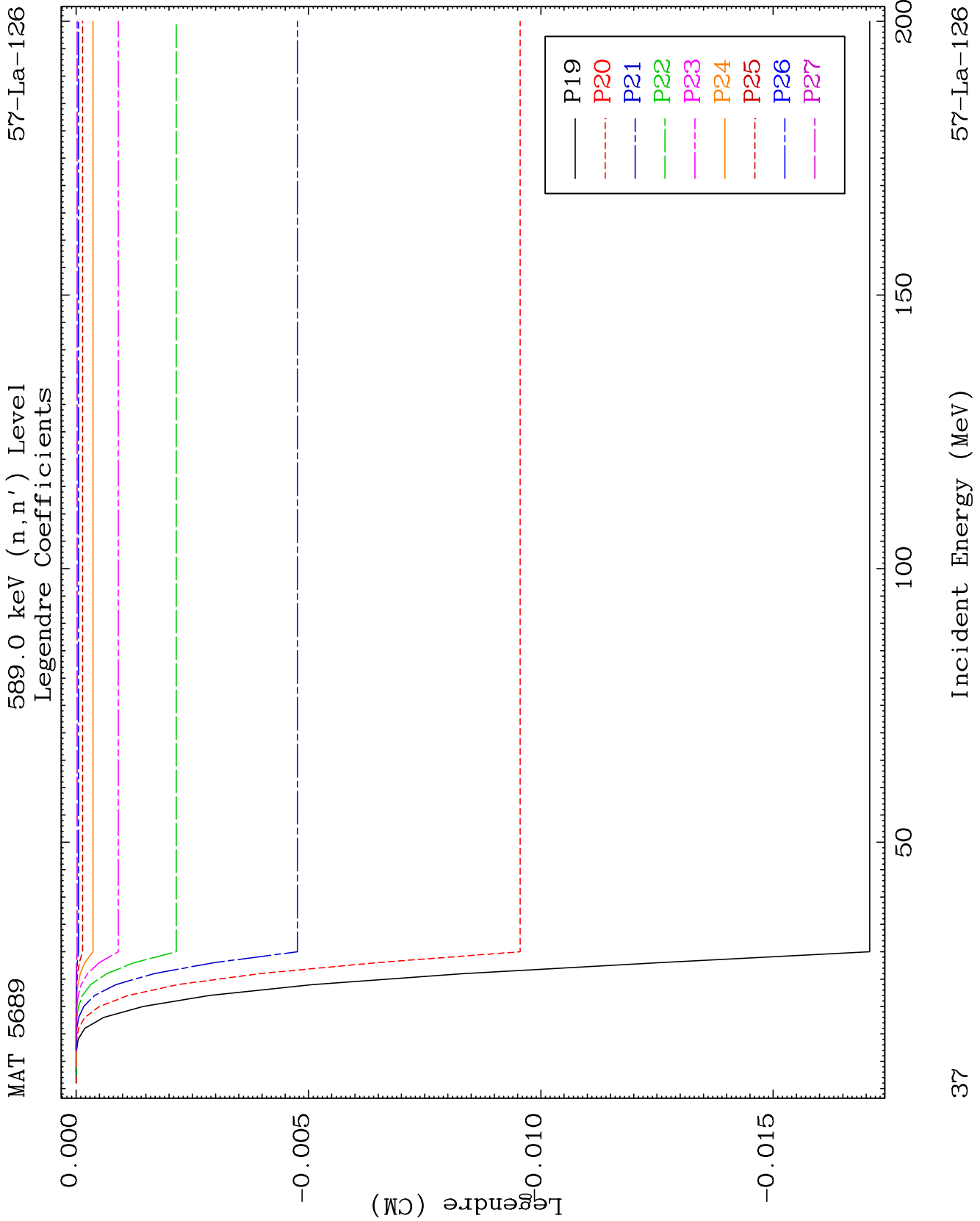


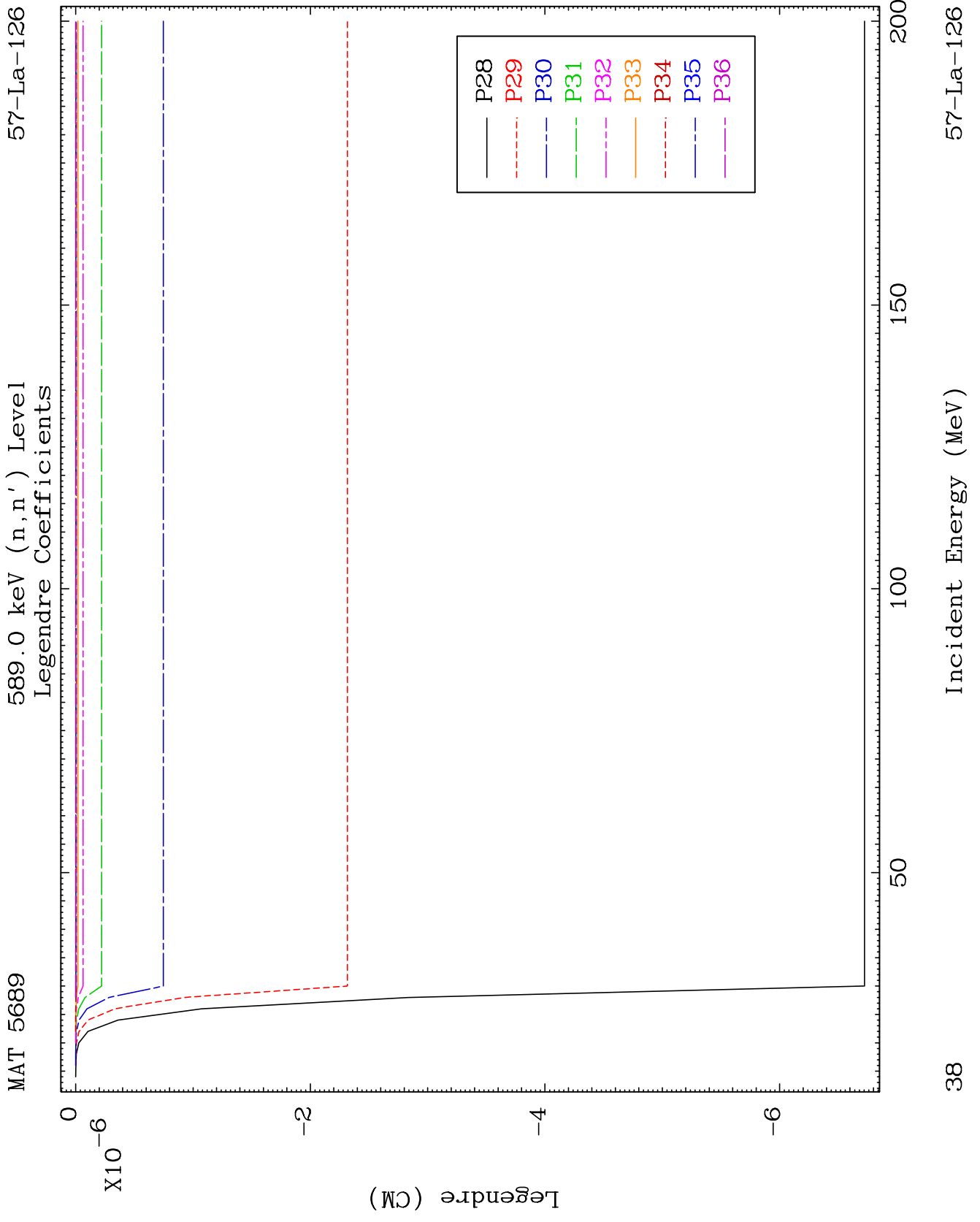
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Incident Energy (MeV)

35

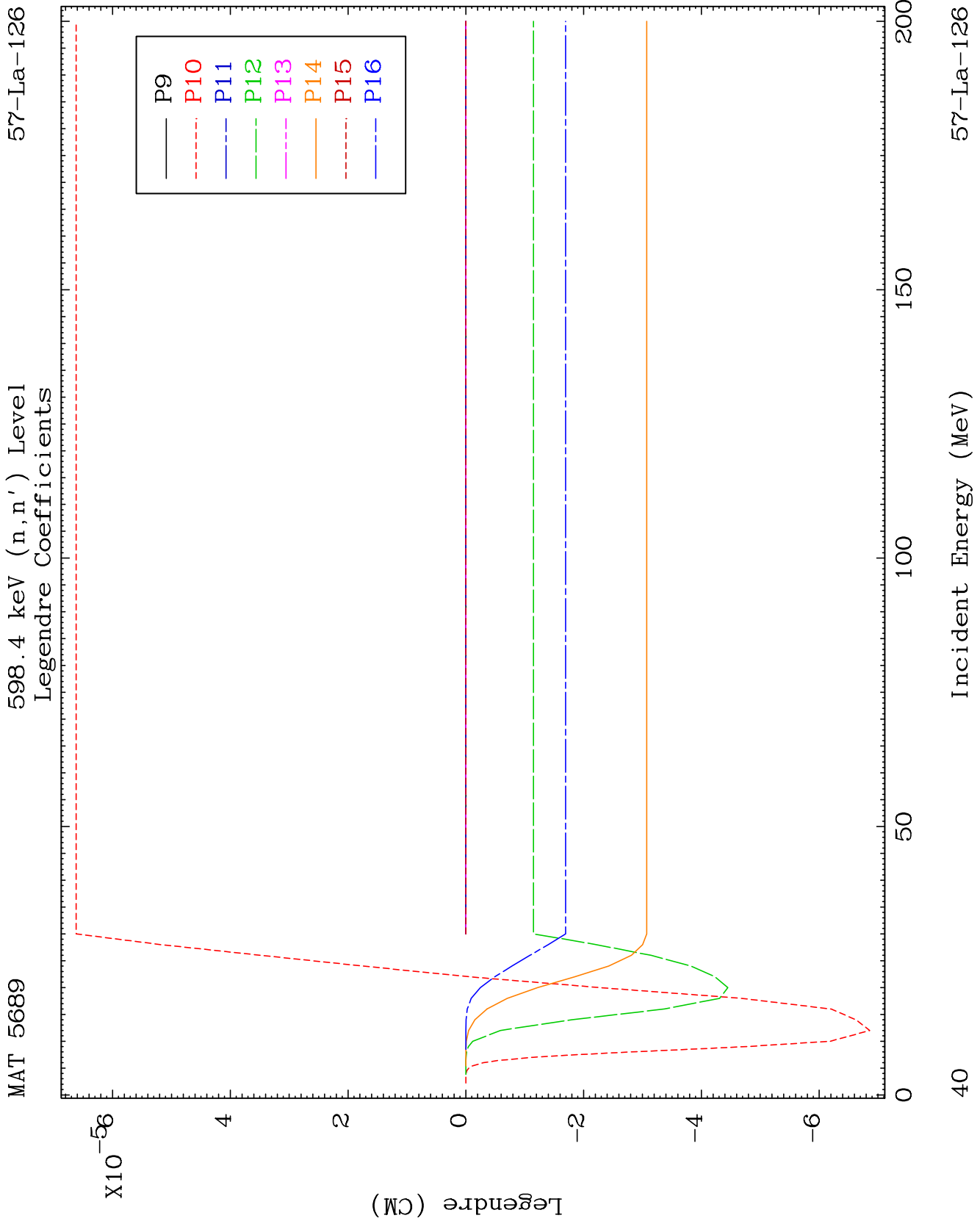


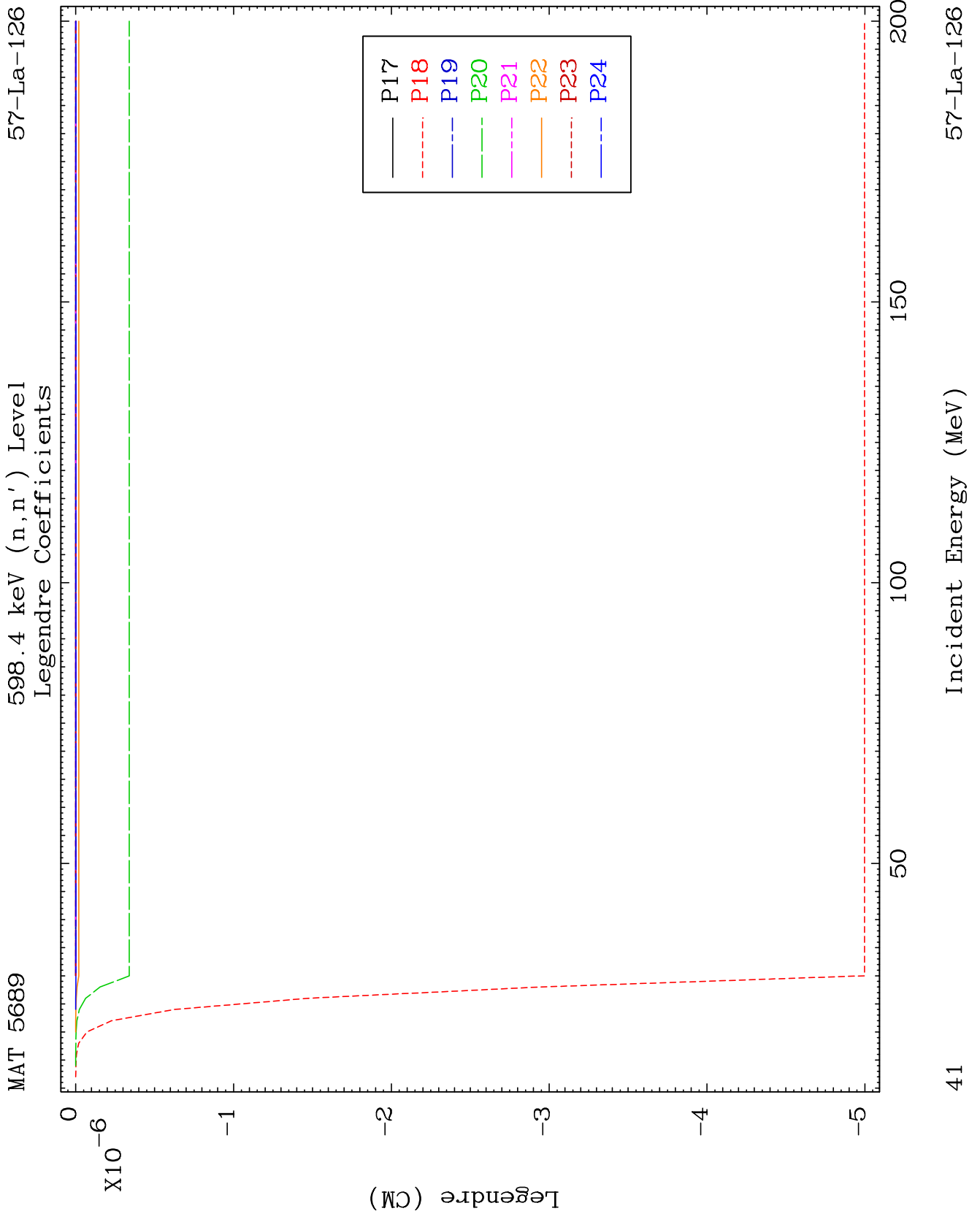








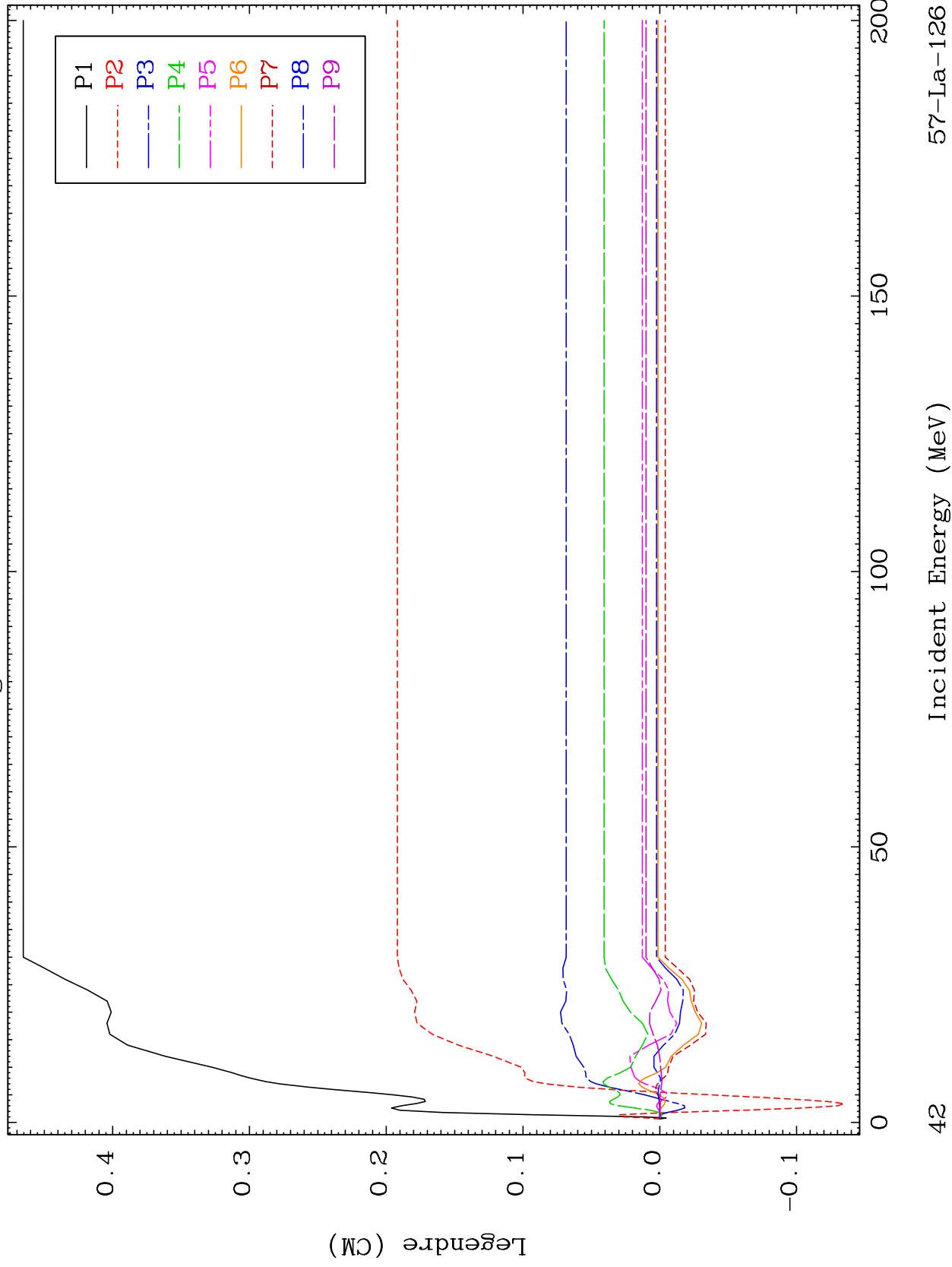




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604.0 keV (n,n') Level  
Legendre Coefficients

57-La-126



57-La-126

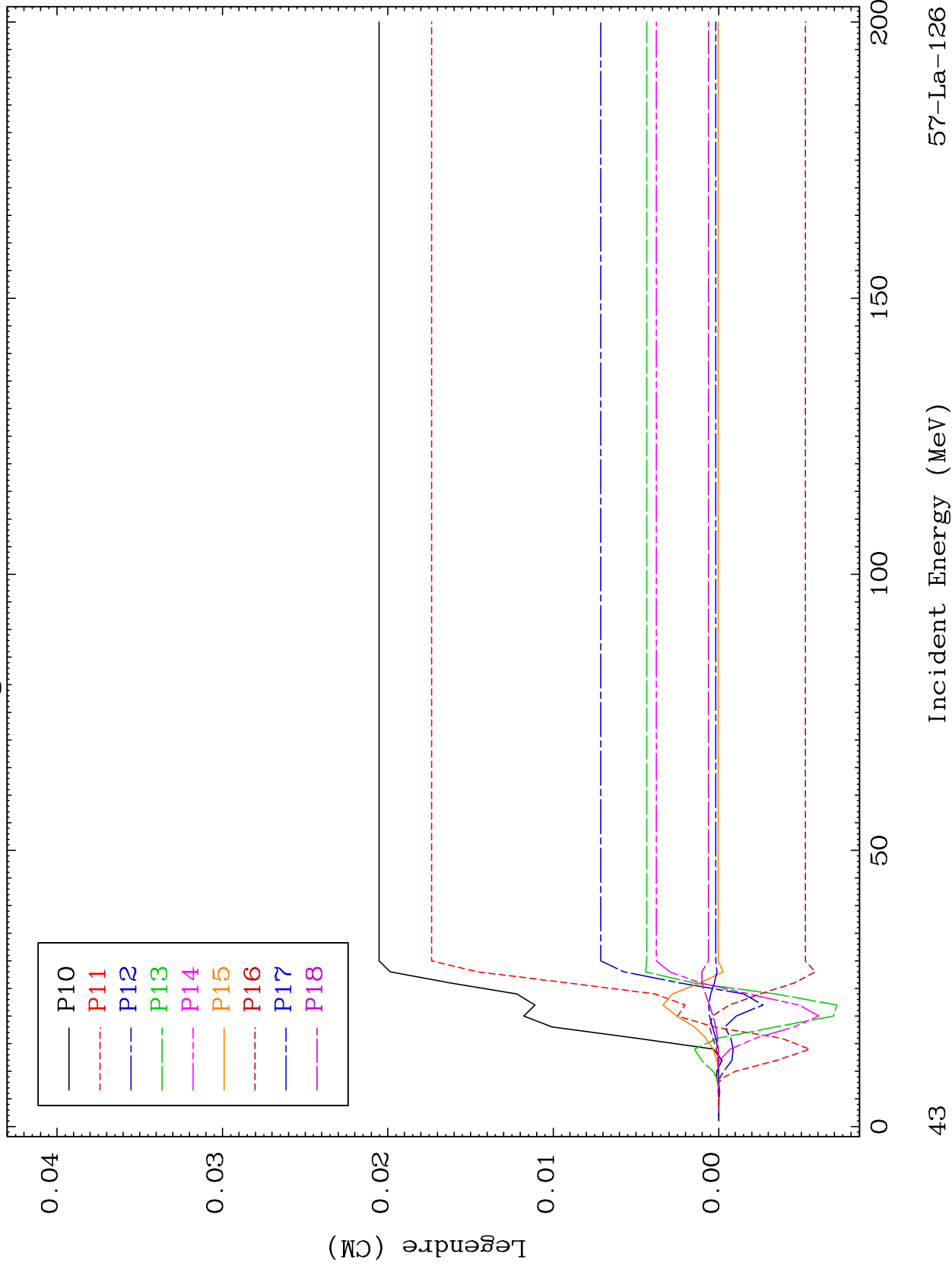
Incident Energy (MeV)

42

MAT 5689

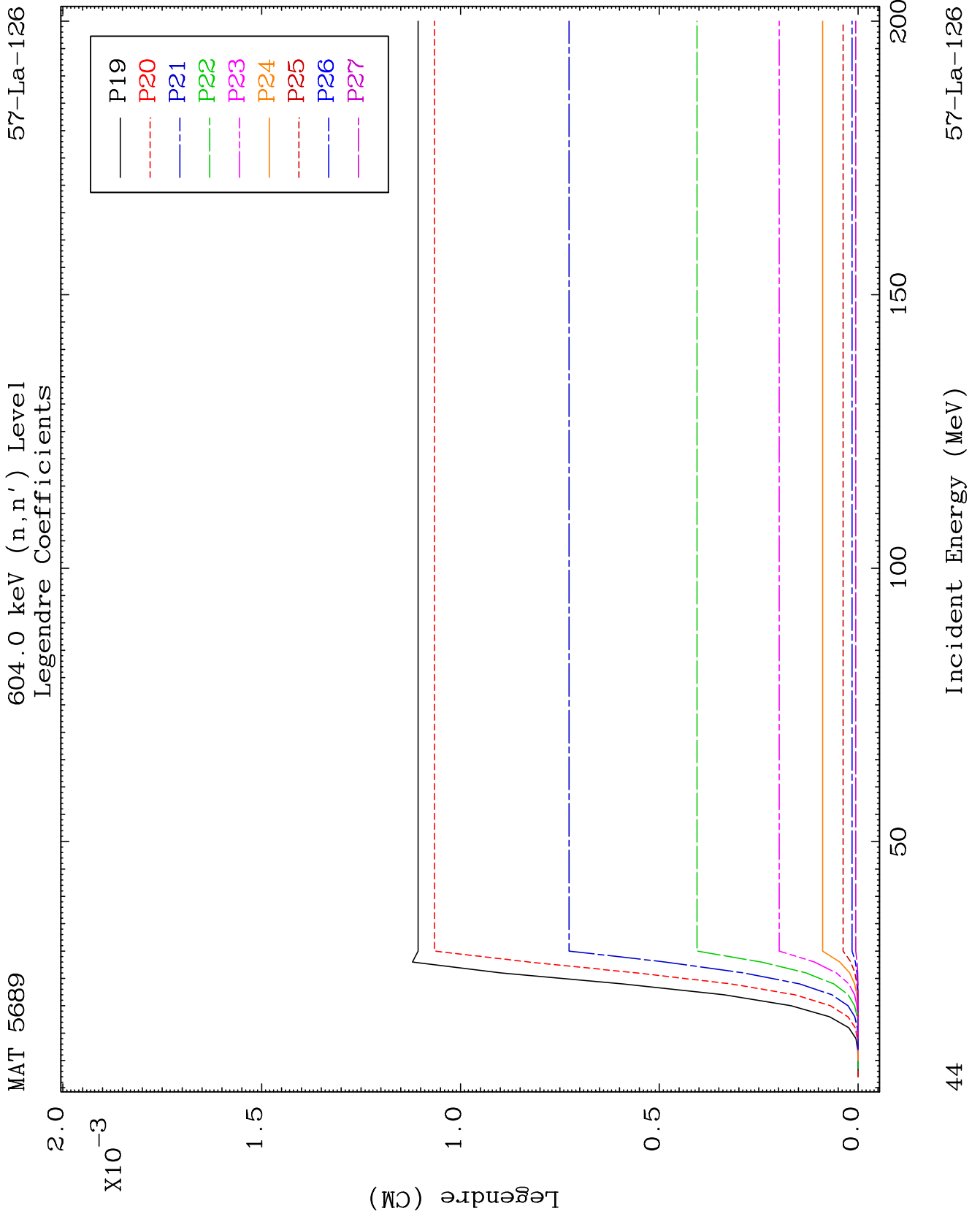
604.0 keV (n,n') Level  
Legendre Coefficients

57-La-126



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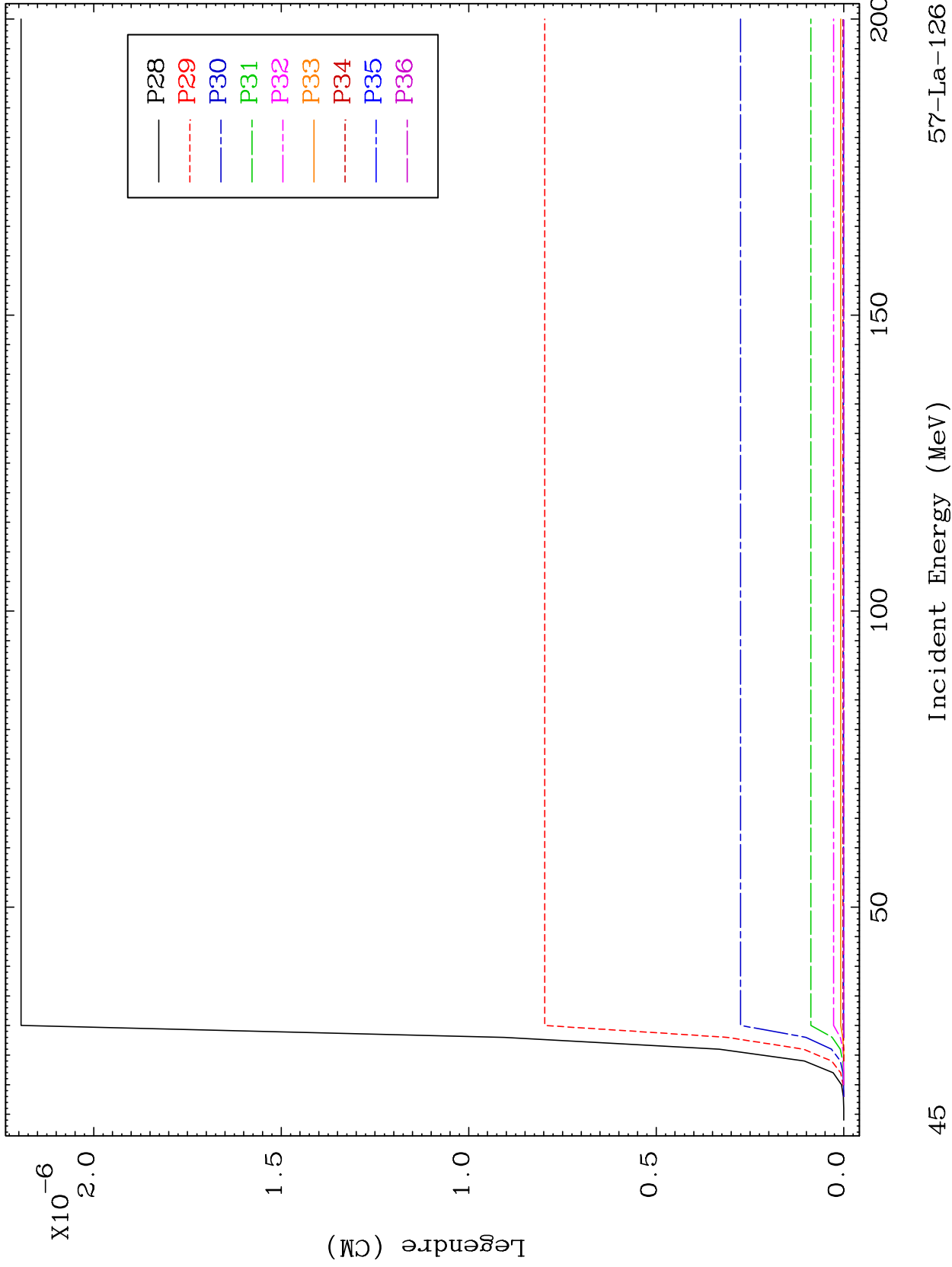
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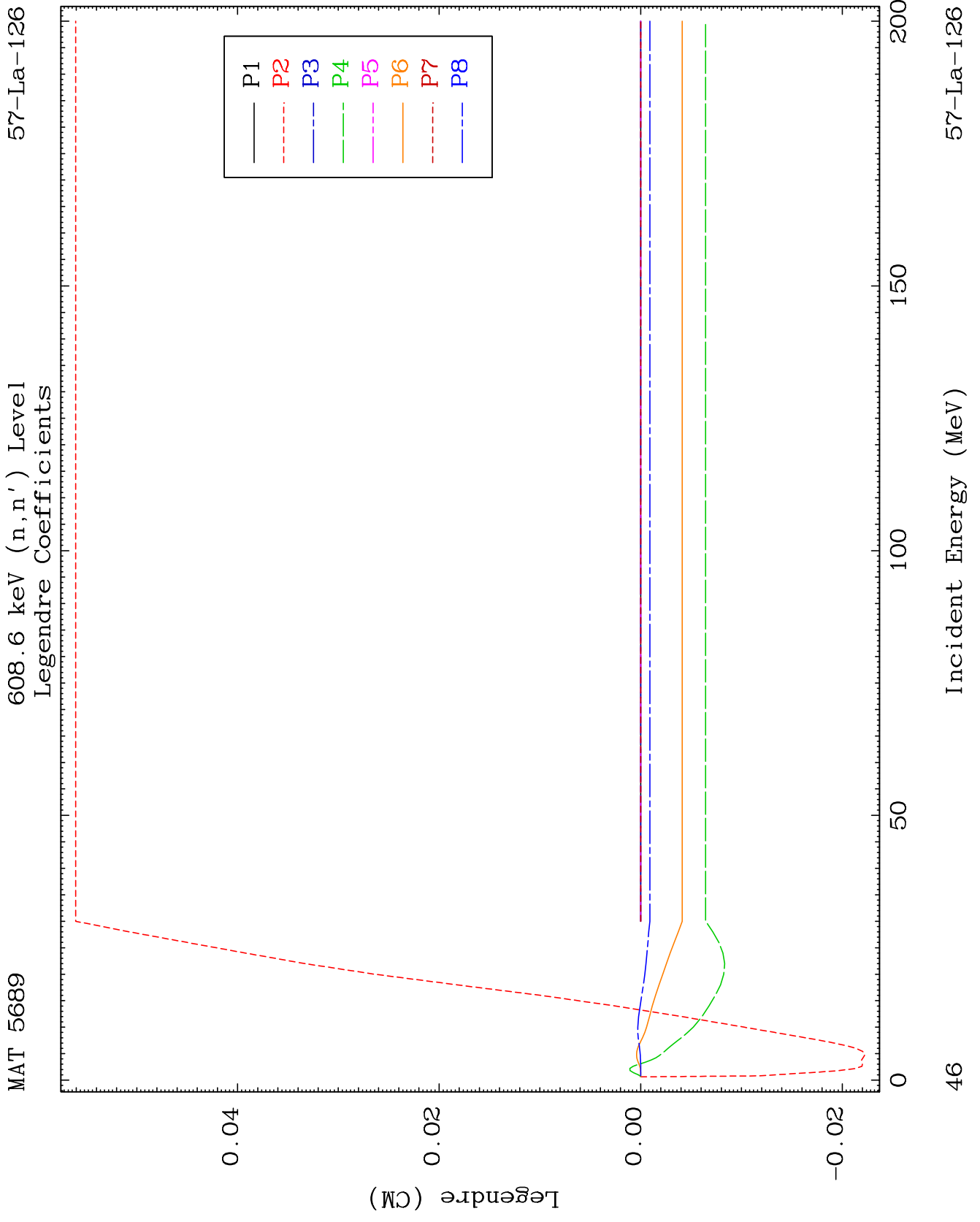
MAT 5689

604.0 keV (n,n') Level  
Legendre Coefficients

57-La-126



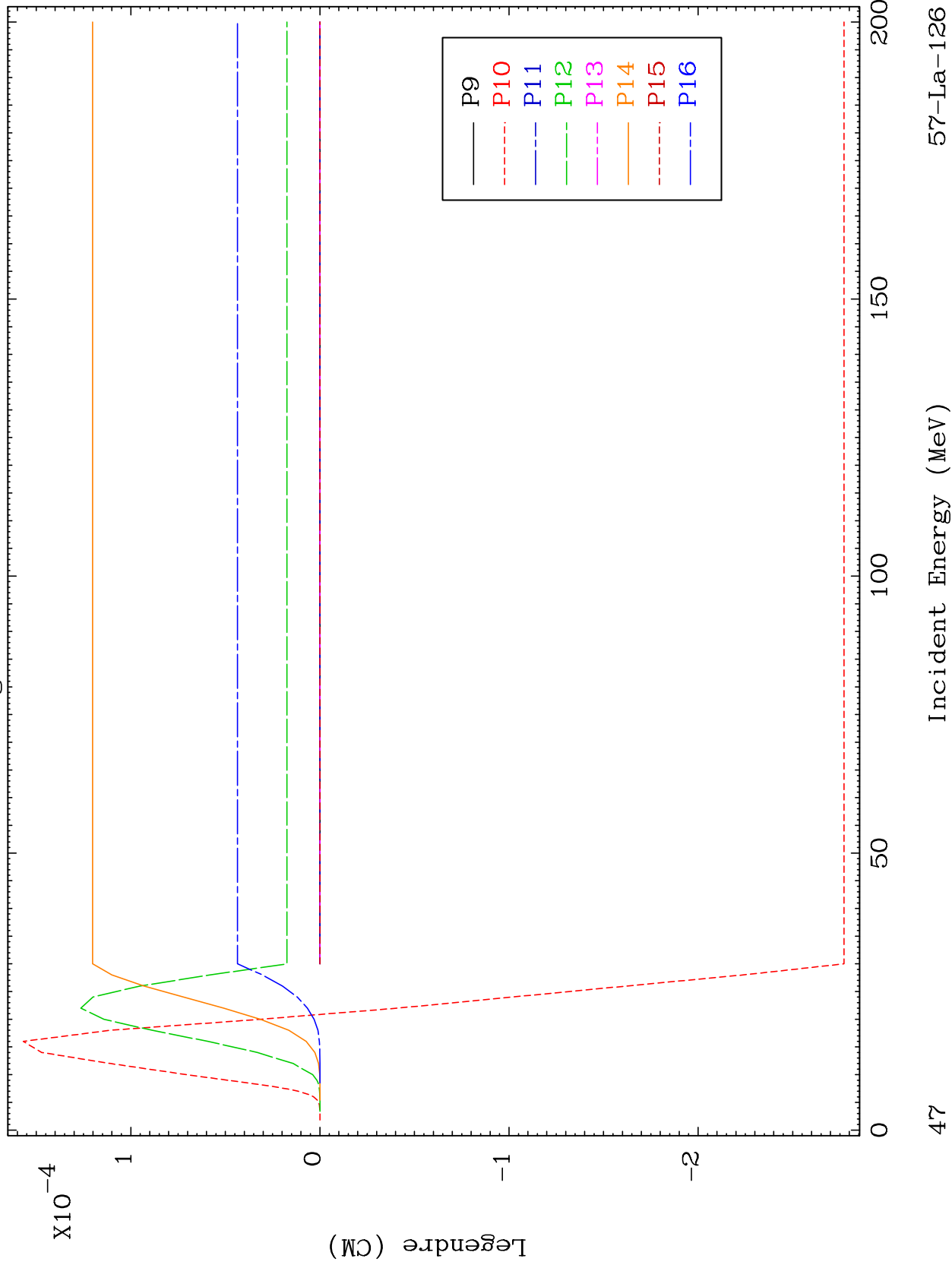
57-La-126



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608.6 keV (n,n') Level  
Legendre Coefficients

57-La-126

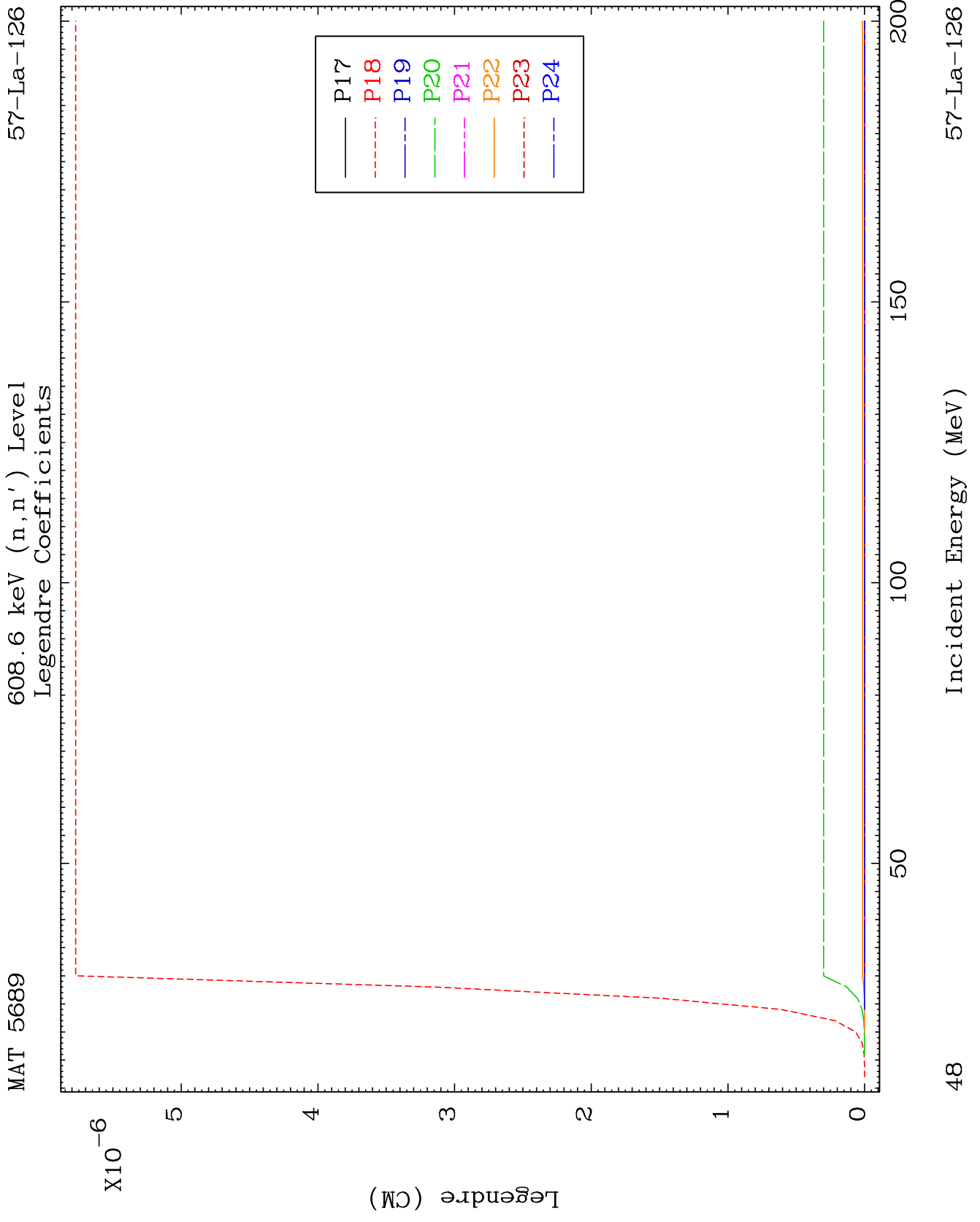


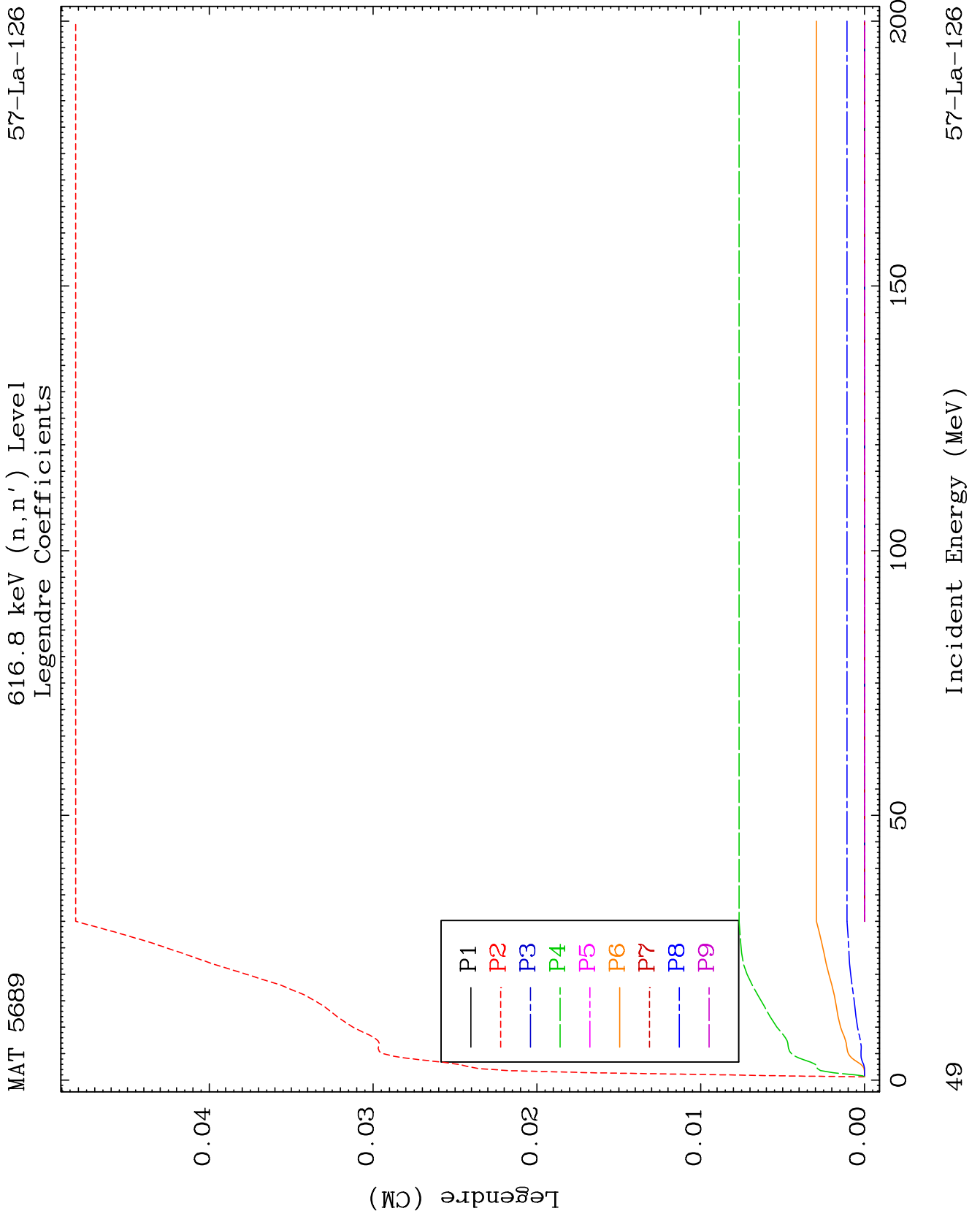
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Incident Energy (MeV)

57-La-126



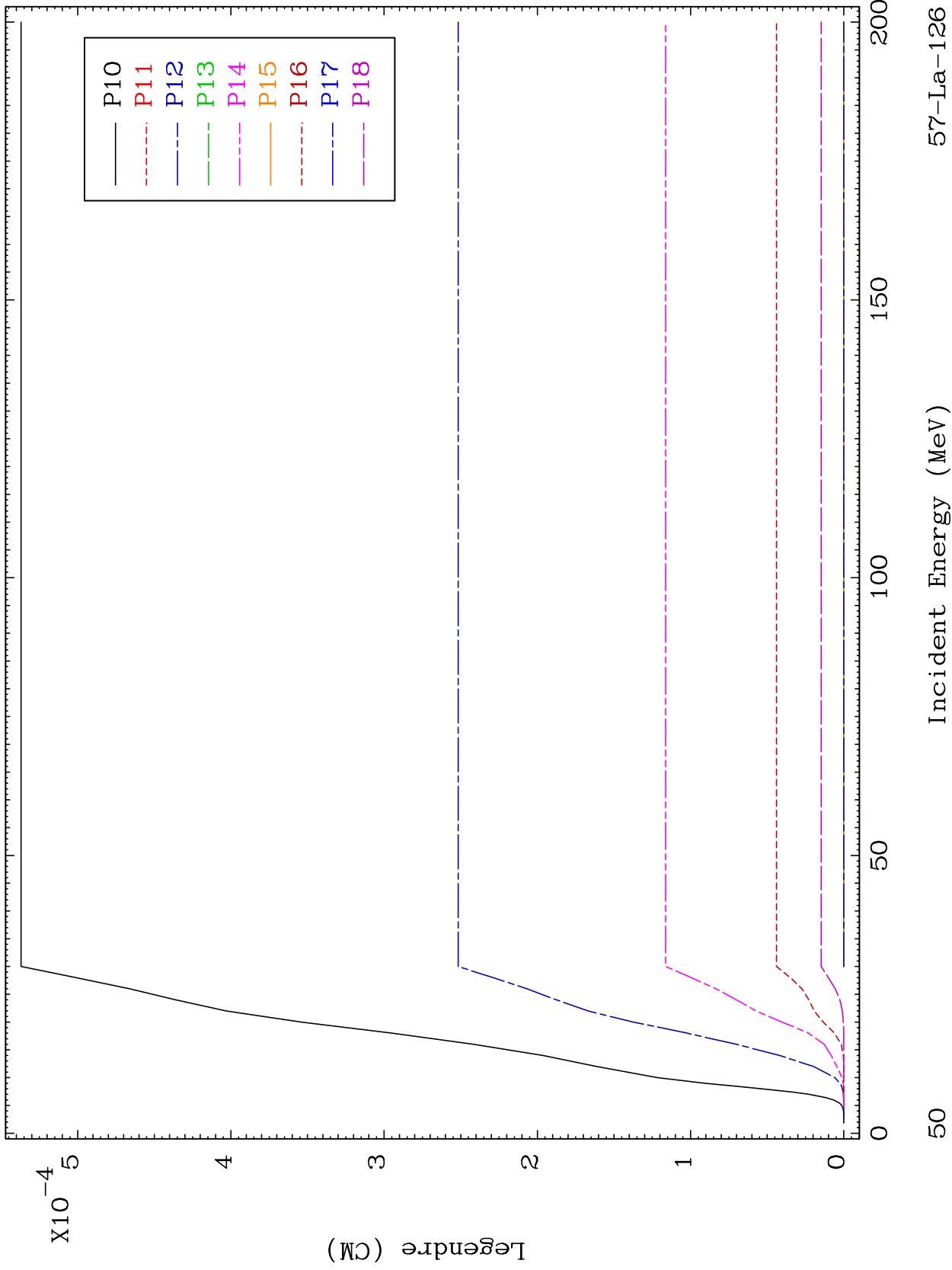




MAT 5689

616.8 keV (n,n') Level  
Legendre Coefficients

57-La-126



57-La-126



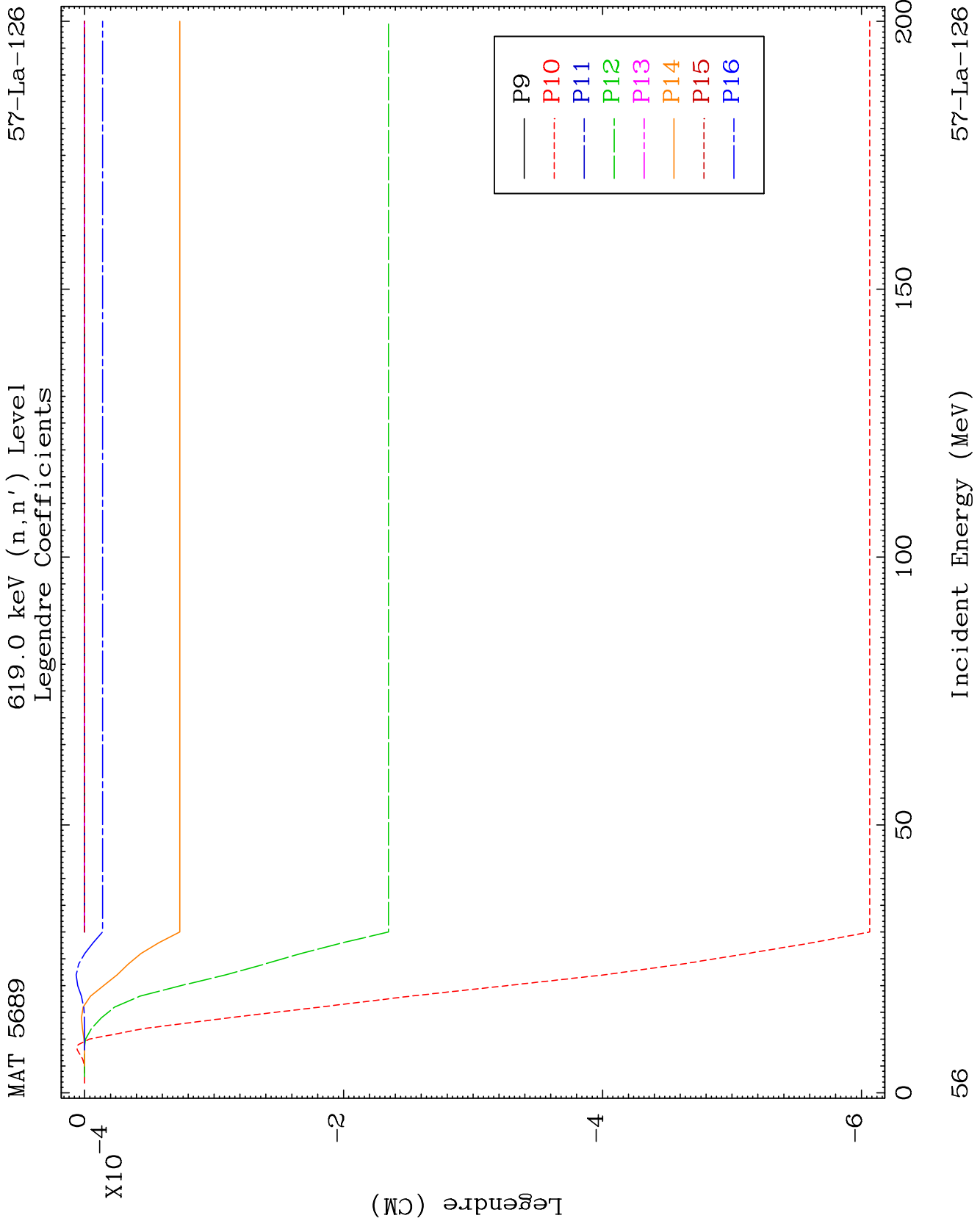


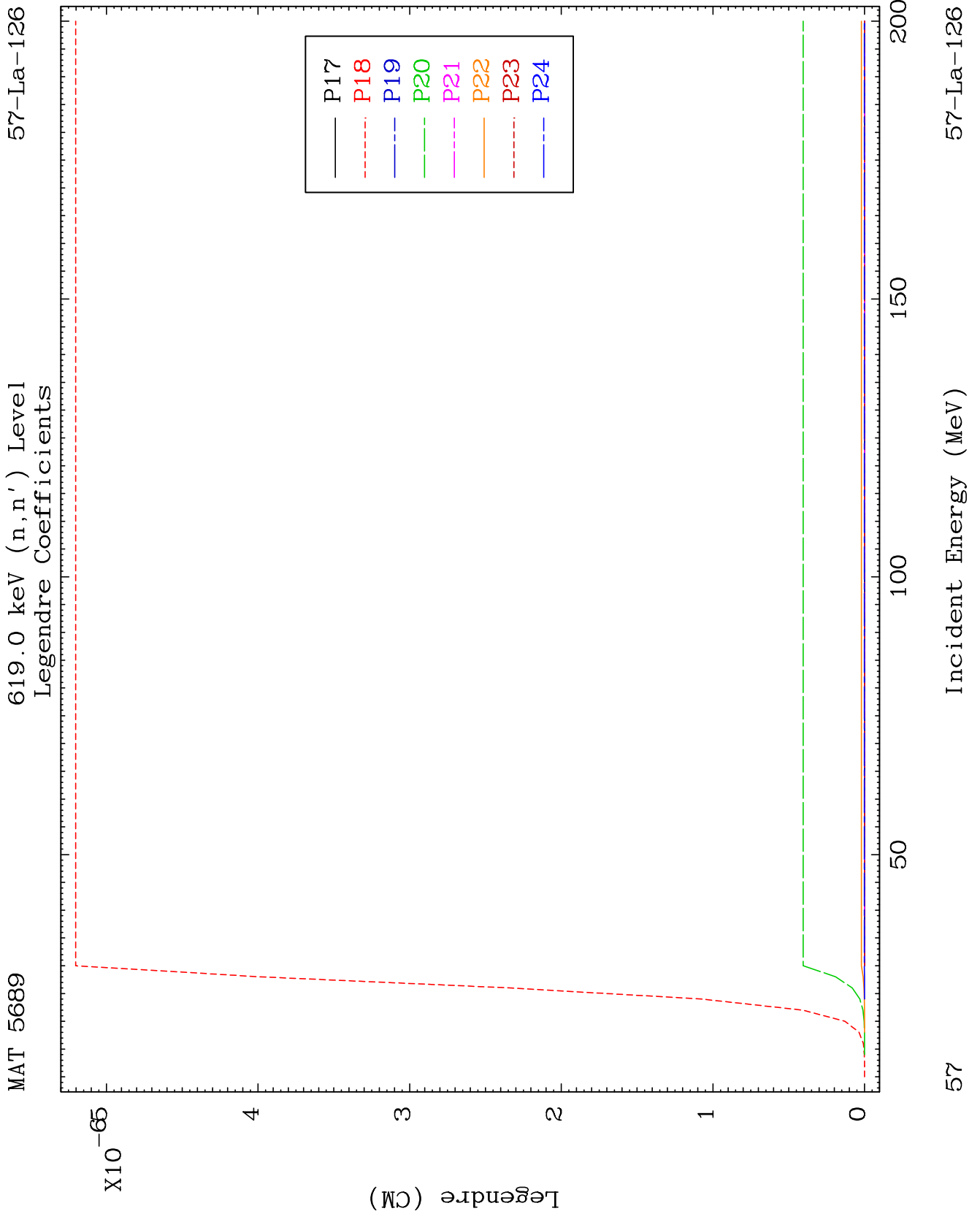








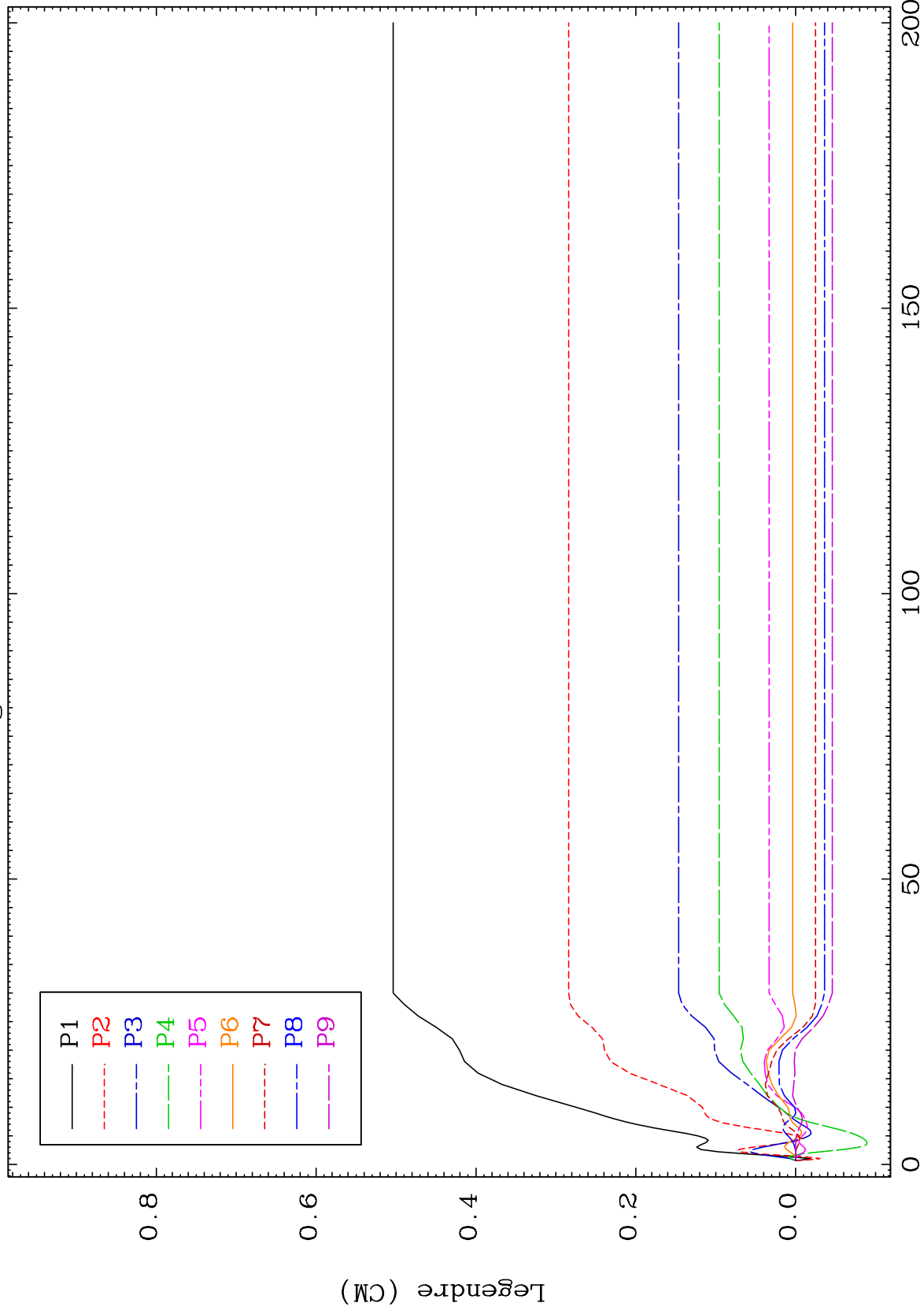




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629.4 keV (n,n') Level  
Legendre Coefficients

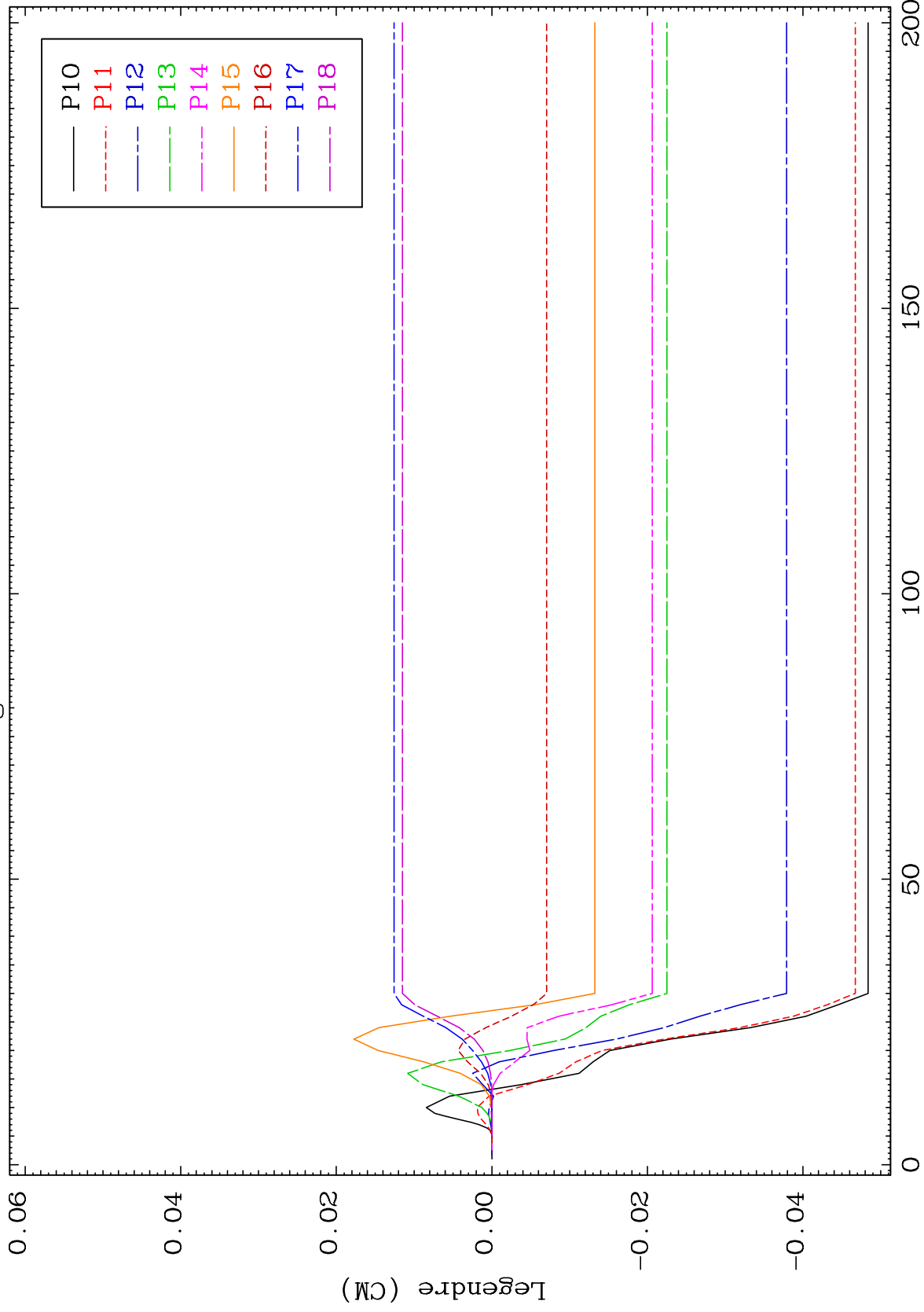
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57-La-126

Incident Energy (MeV)

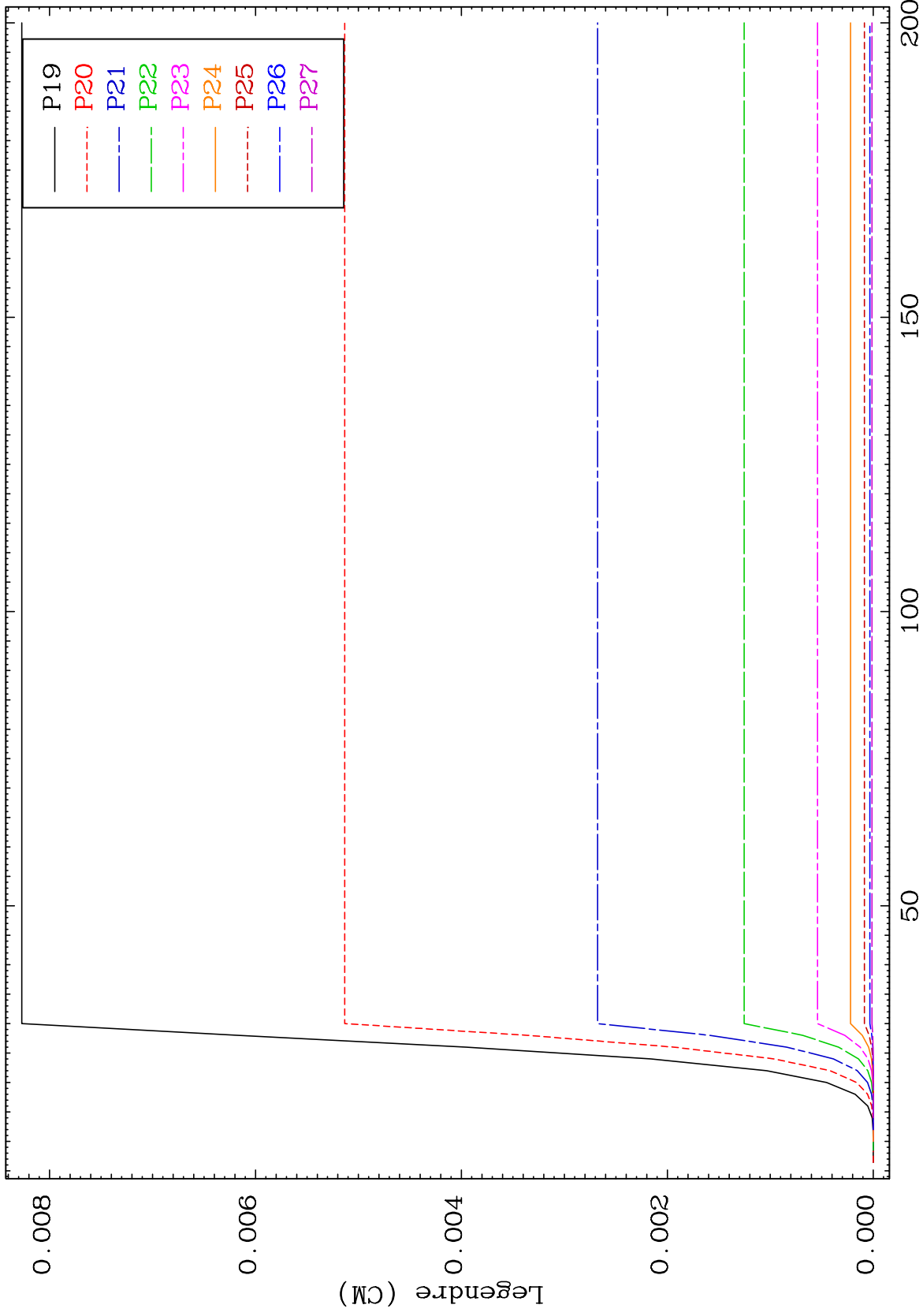
58



MAT 5689

629.4 keV (n,n') Level  
Legendre Coefficients

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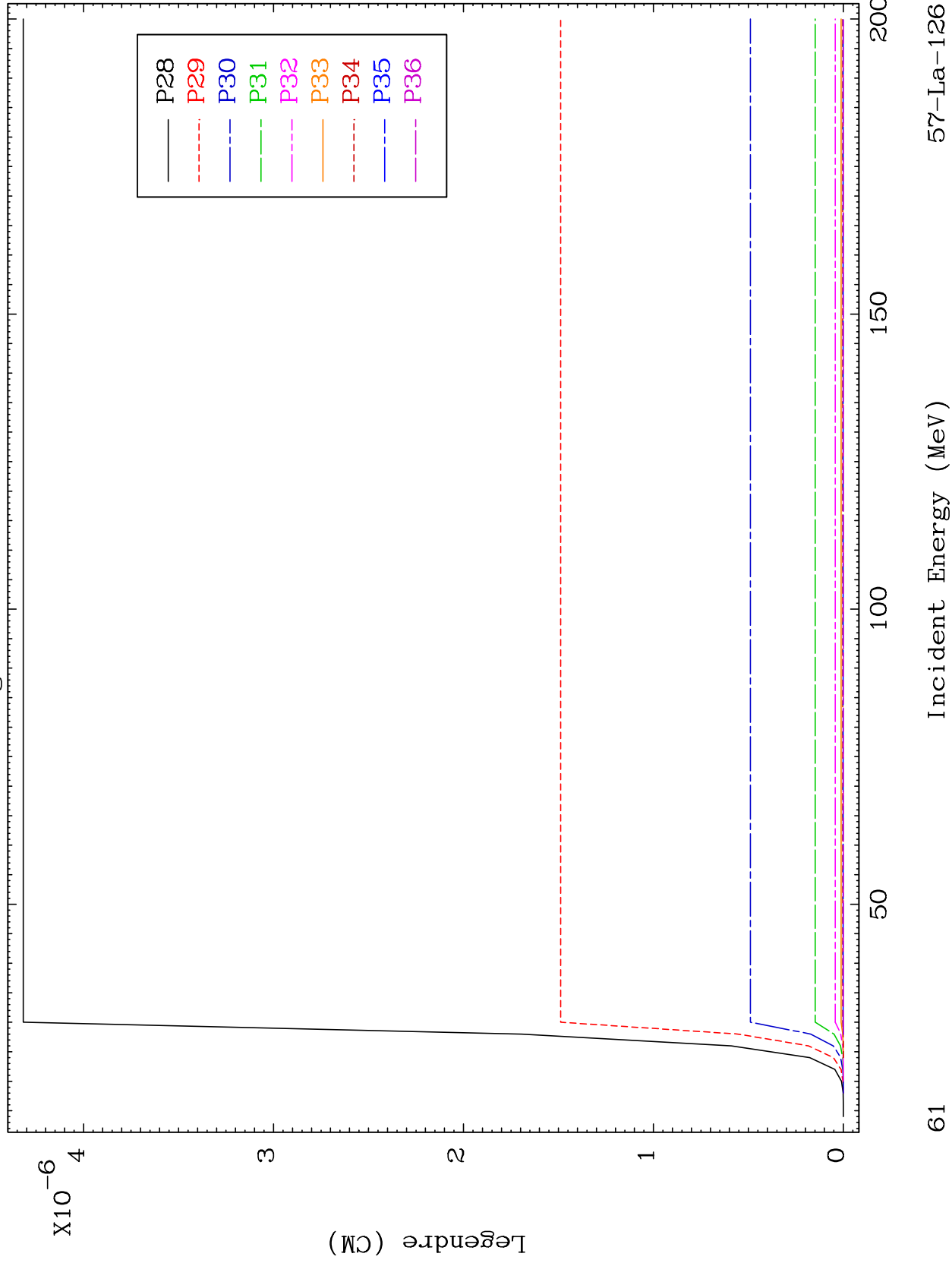
Incident Energy (MeV)

57-La-126

MAT 5689

629.4 keV (n,n') Level  
Legendre Coefficients

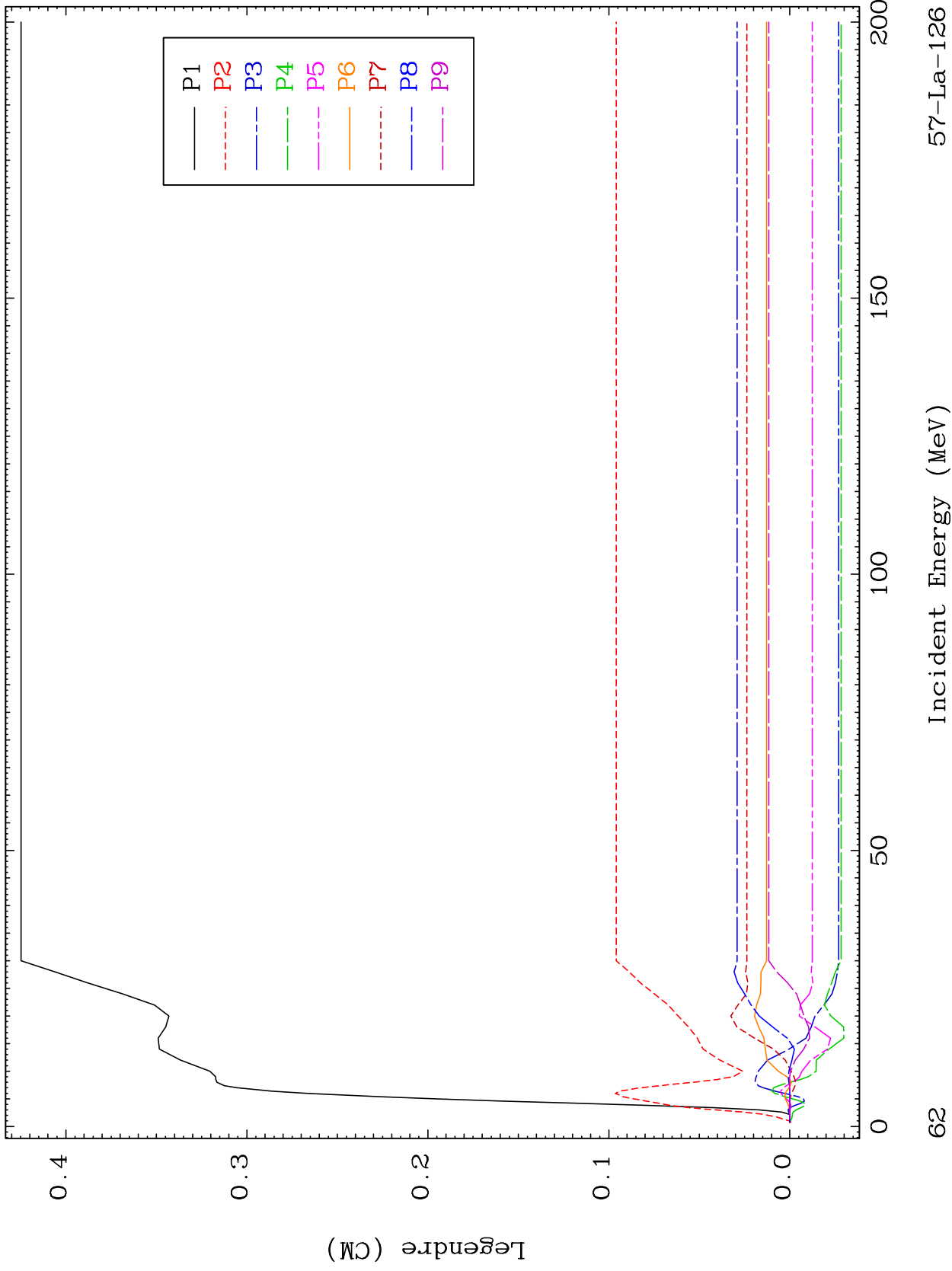
57-La-126



MAT 5689

669.3 keV (n,n') Level  
Legendre Coefficients

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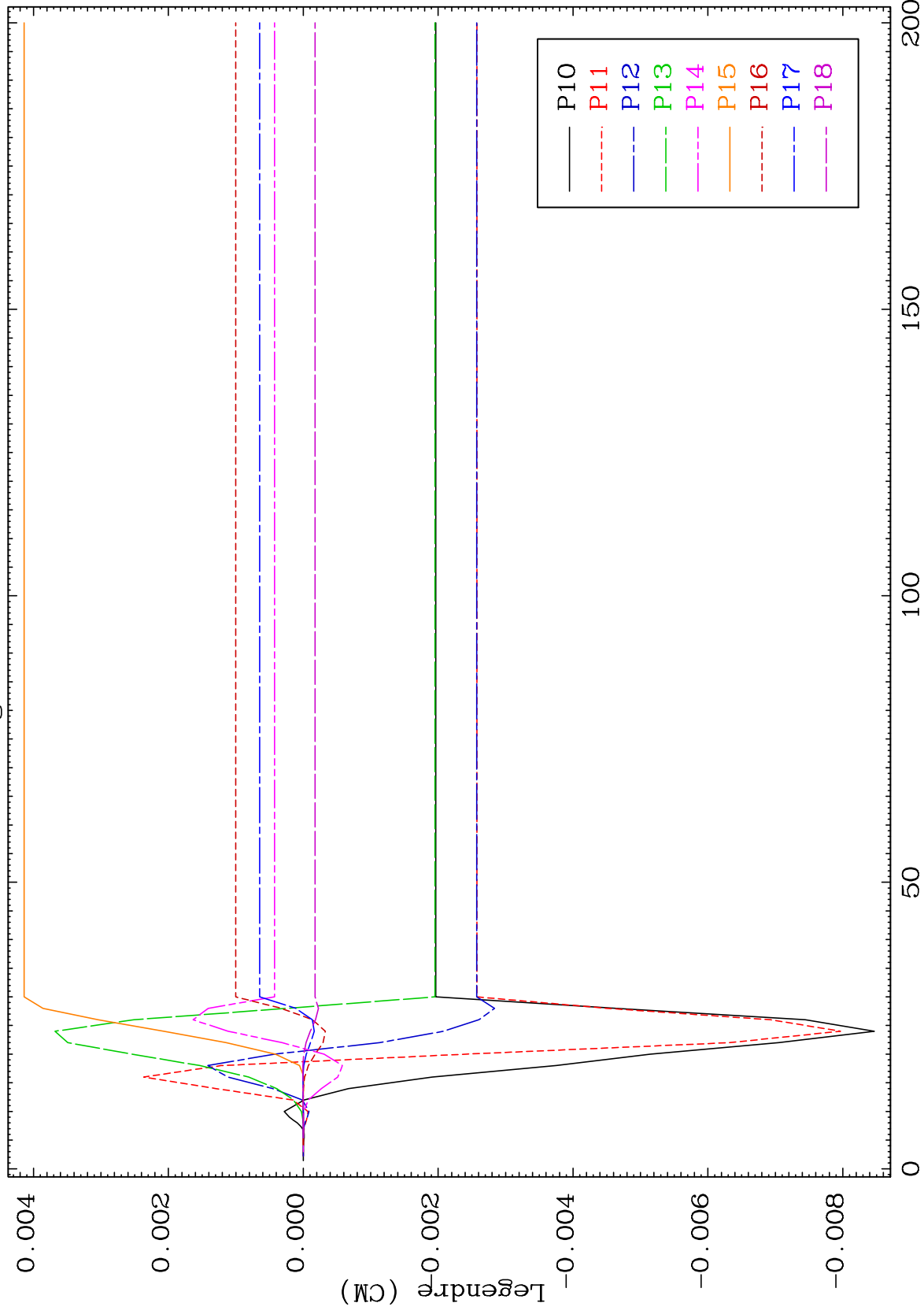
Incident Energy (MeV)

57-La-126

MAT 5689

669.3 keV (n,n') Level  
Legendre Coefficients

57-La-126

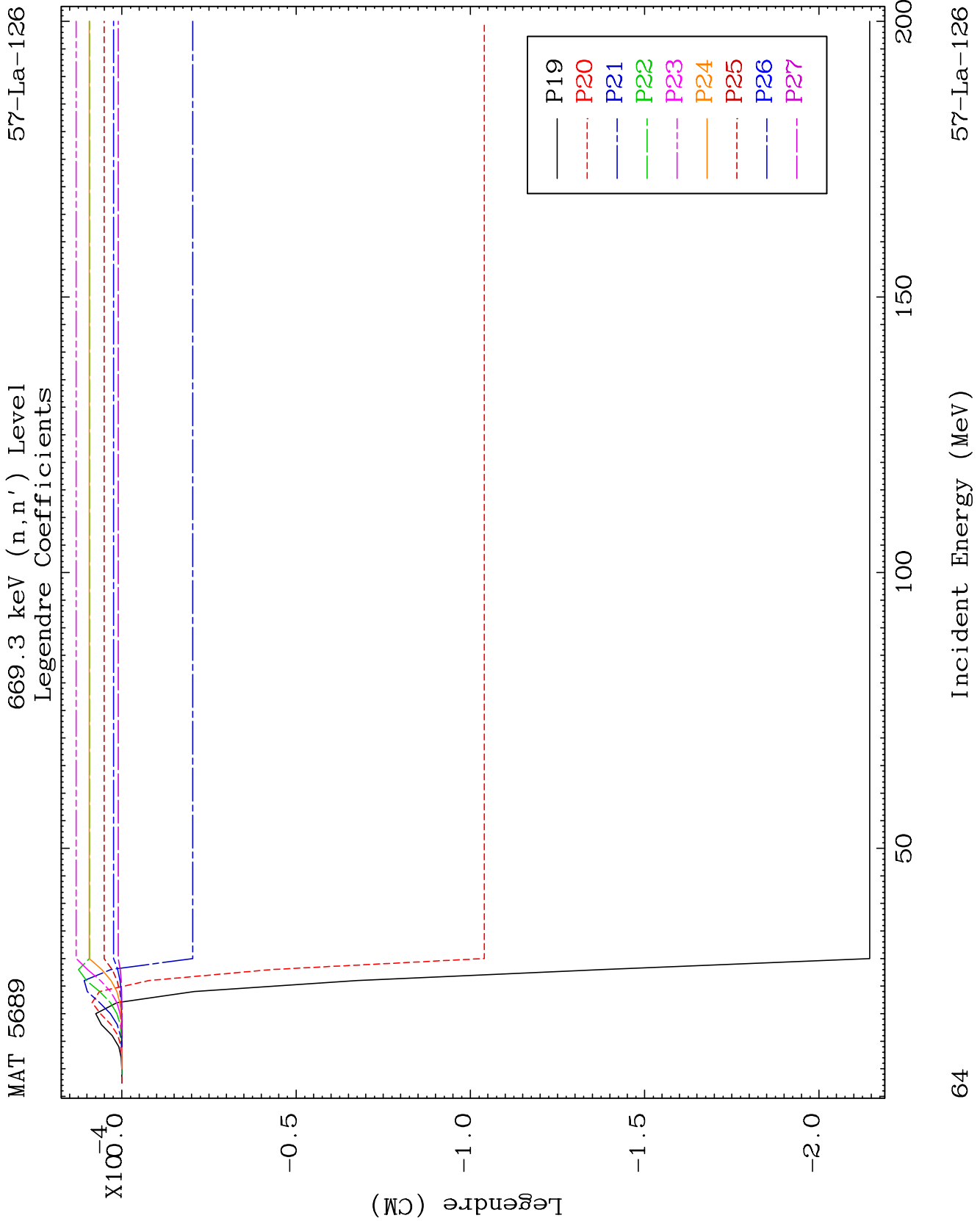


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Incident Energy (MeV)

57-La-126

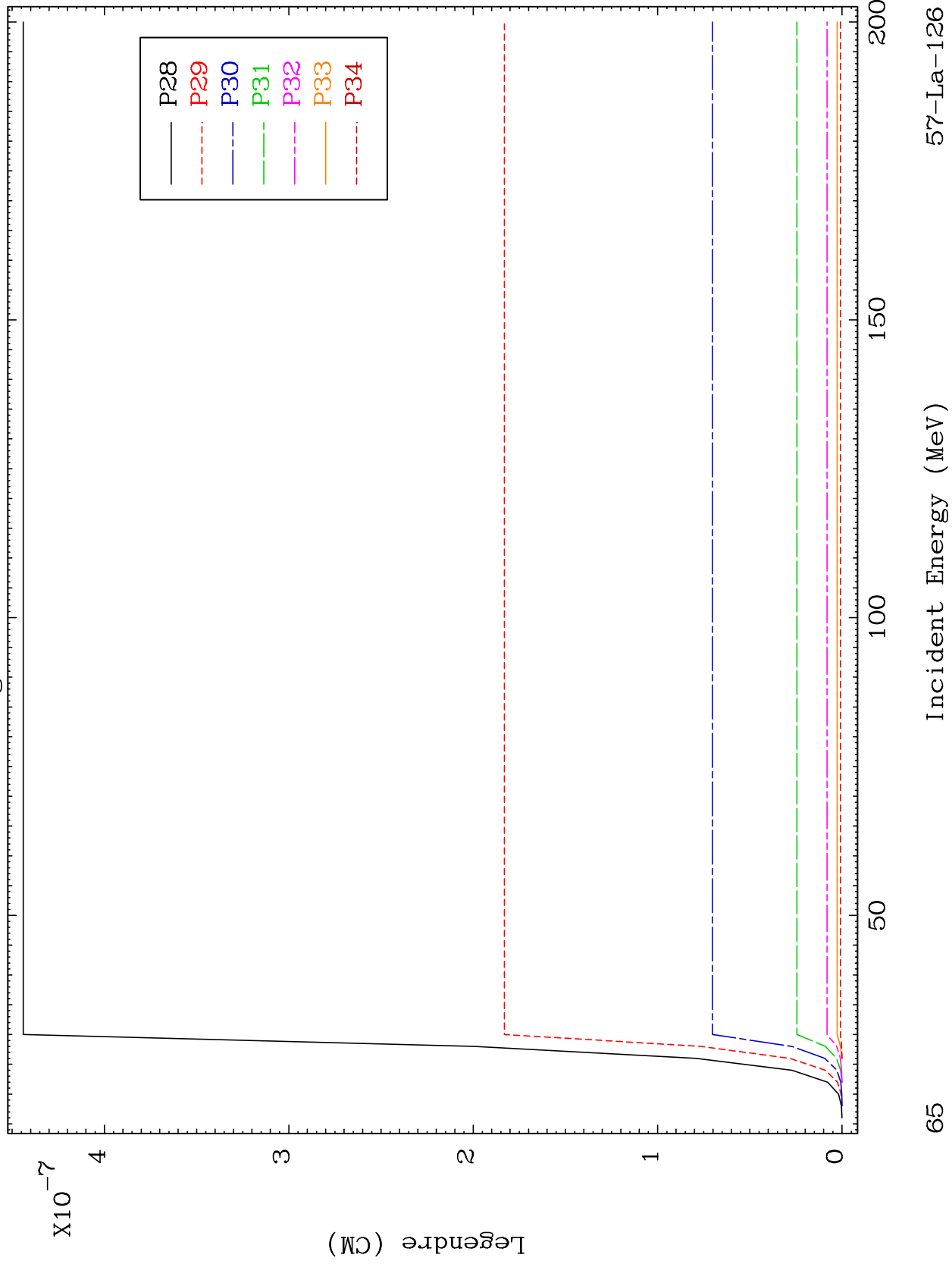




MAT 5689

669.3 keV (n,n') Level  
Legendre Coefficients

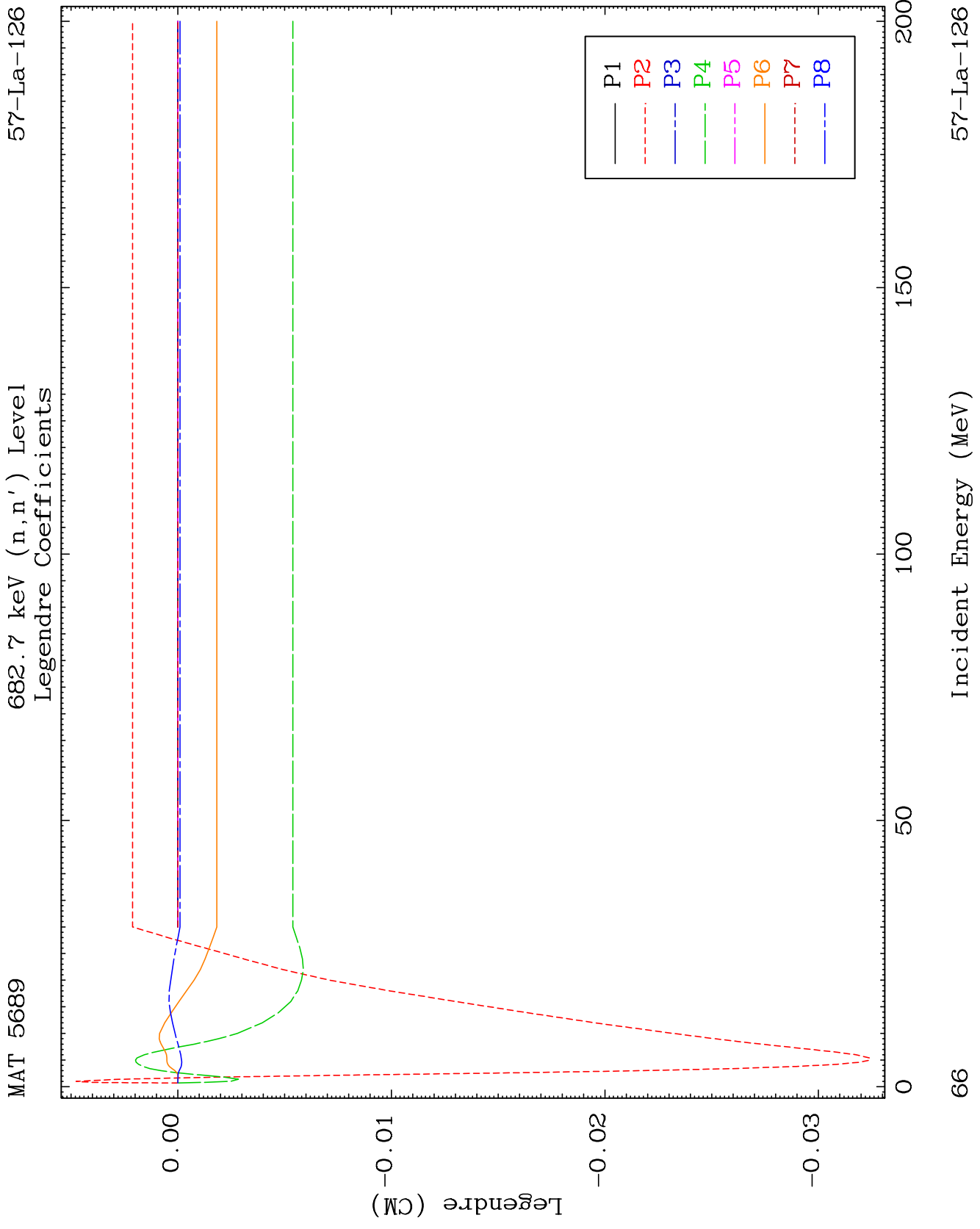
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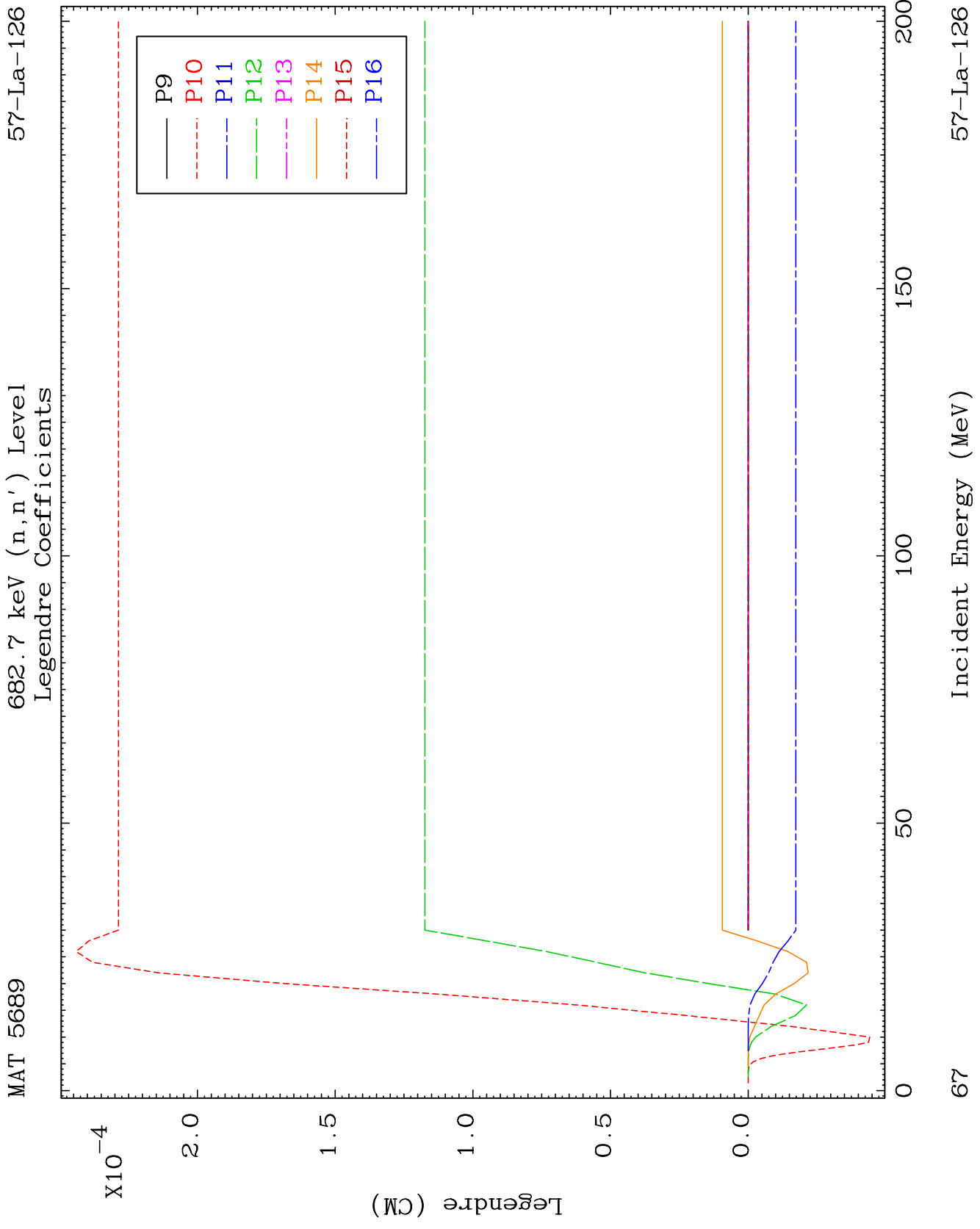


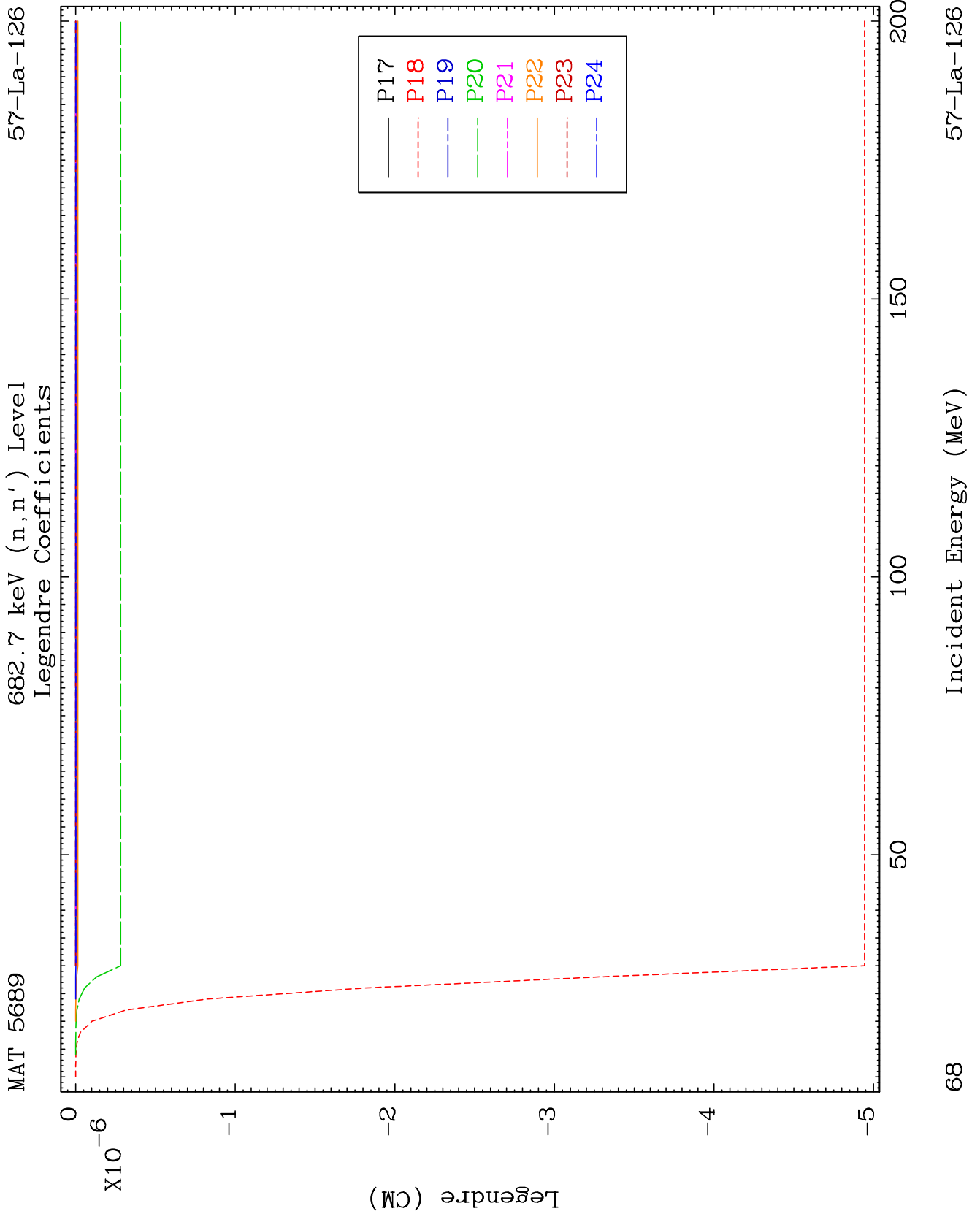
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Incident Energy (MeV)

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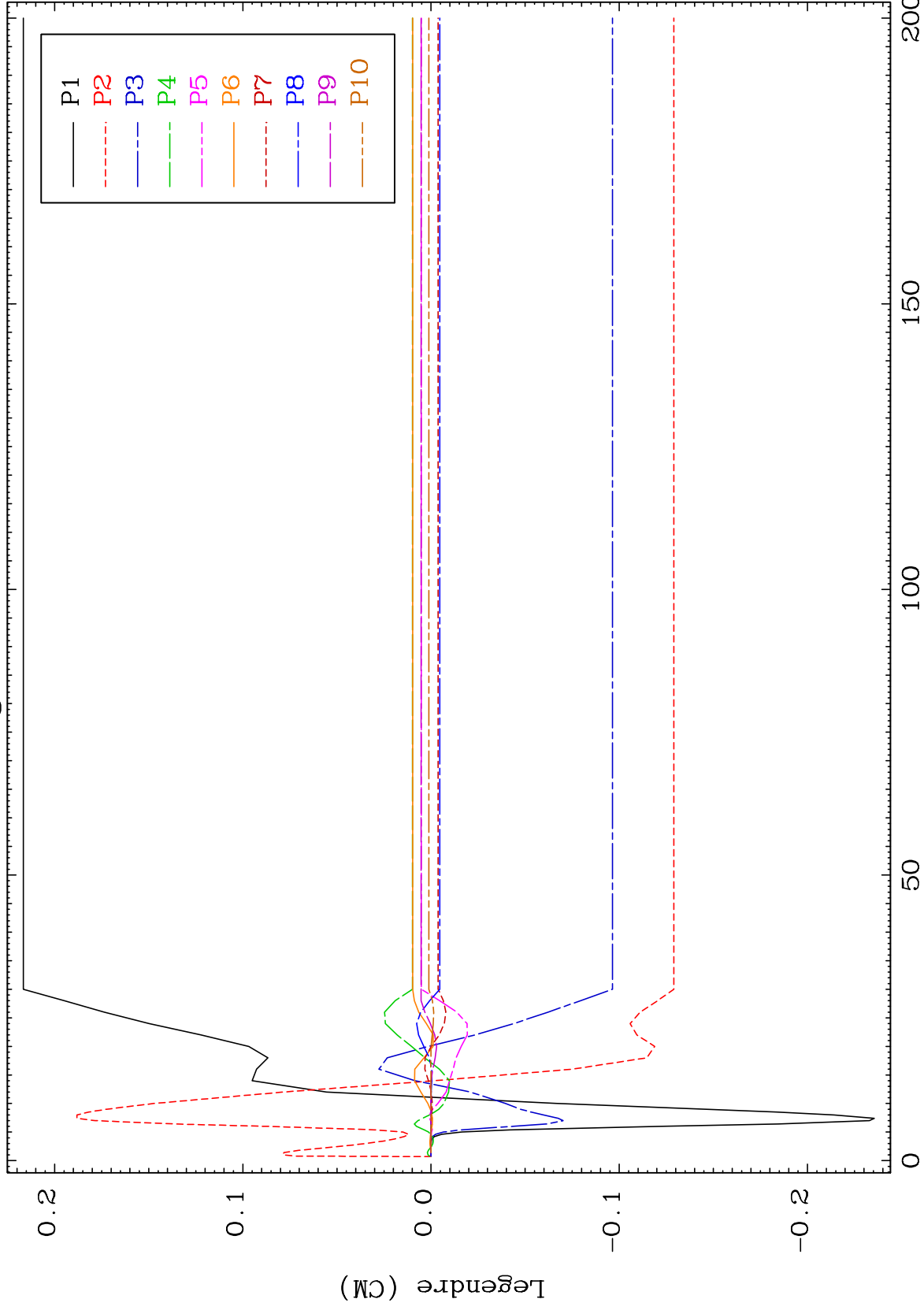




MAT 5689

693.5 keV (n,n') Level  
Legendre Coefficients

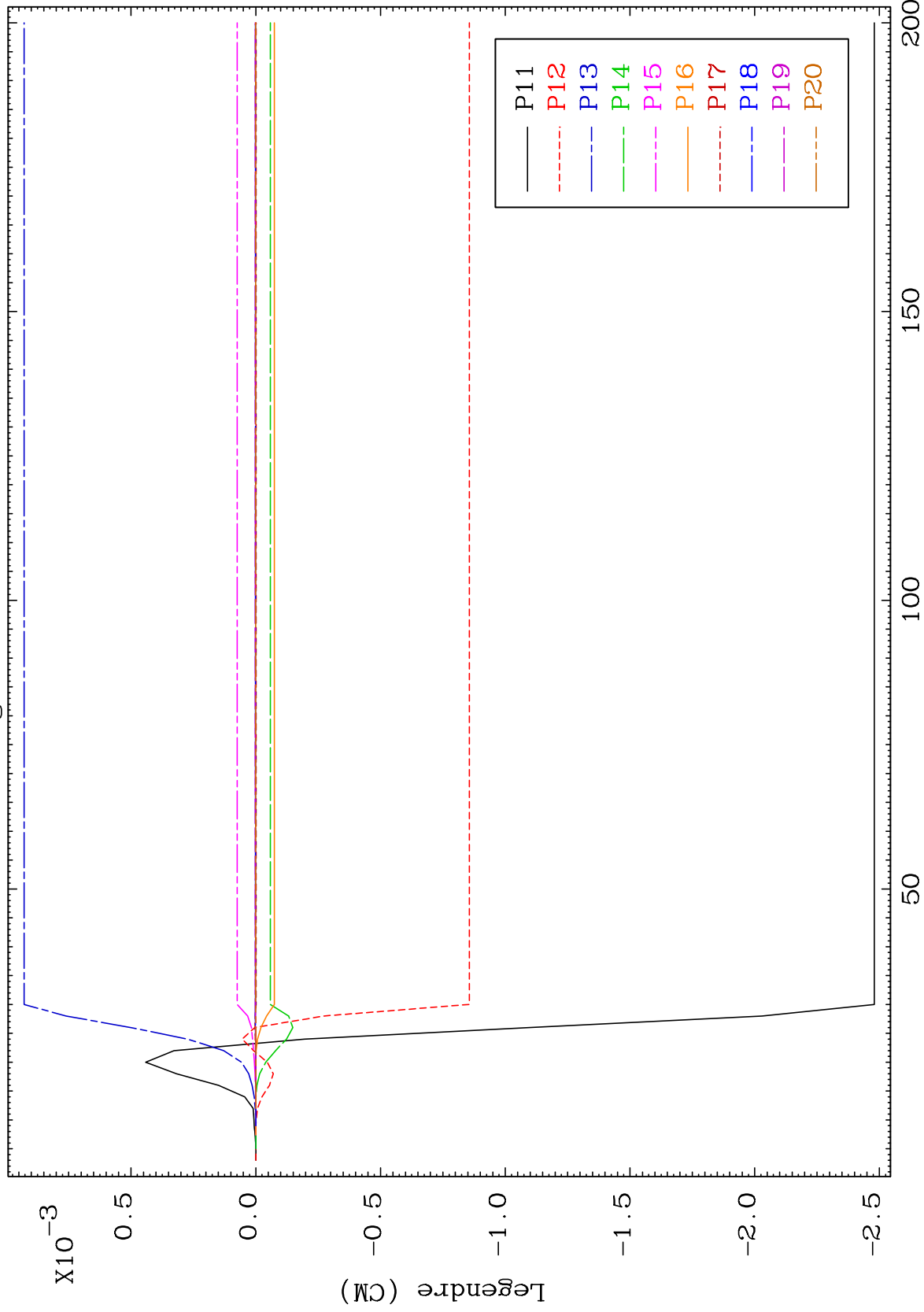
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Incident Energy (MeV)

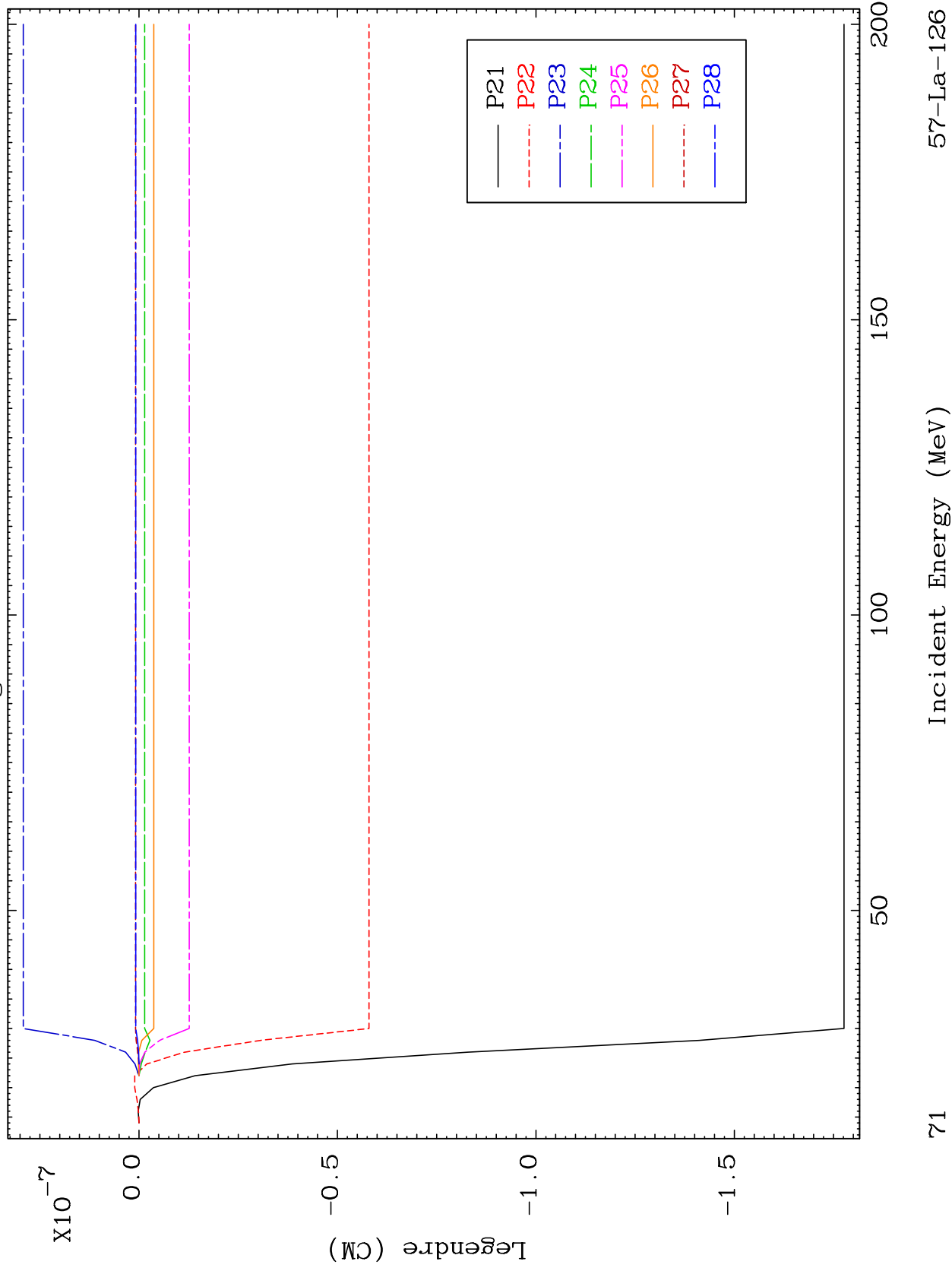
57-La-126



MAT 5689

693.5 keV (n,n') Level  
Legendre Coefficients

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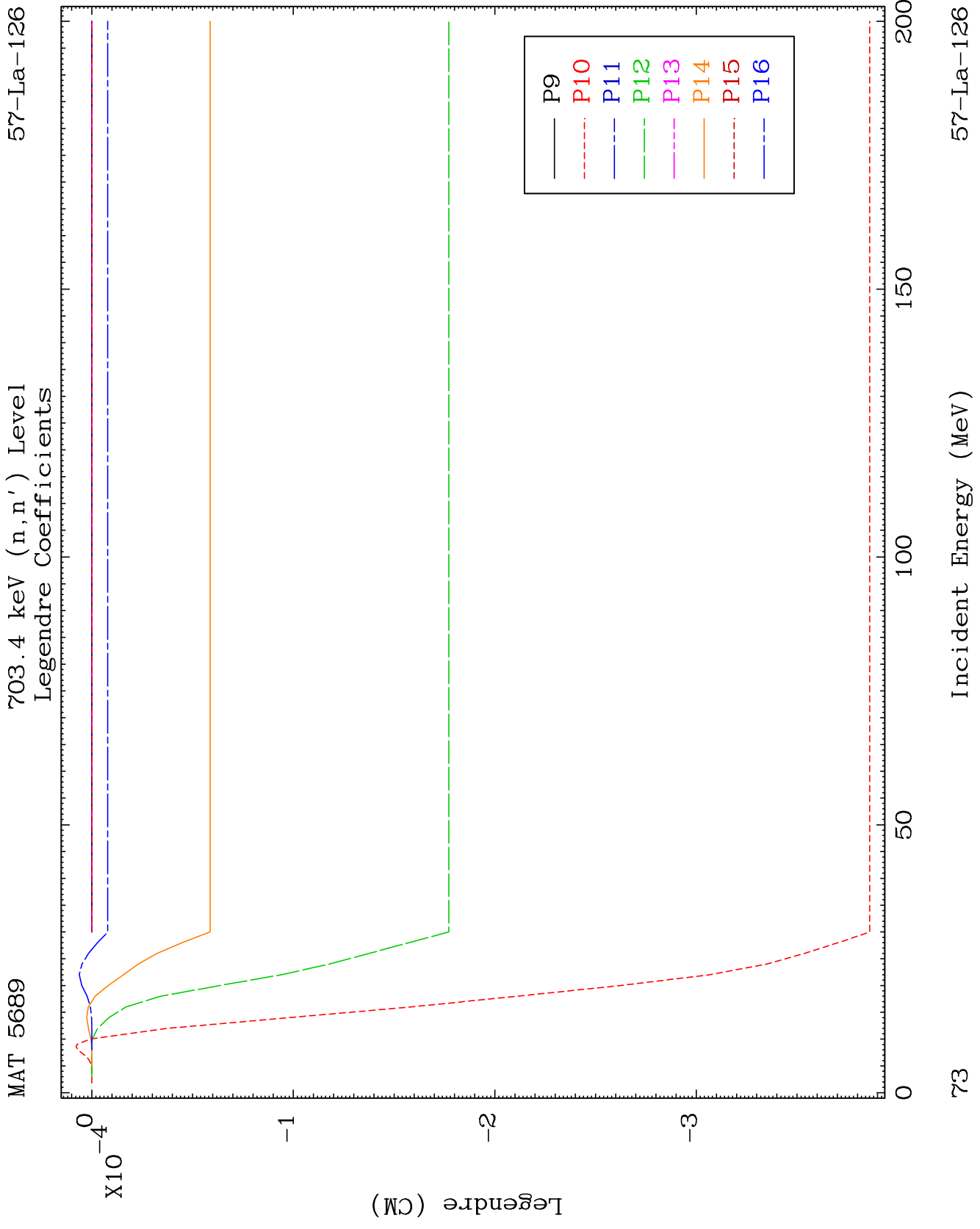


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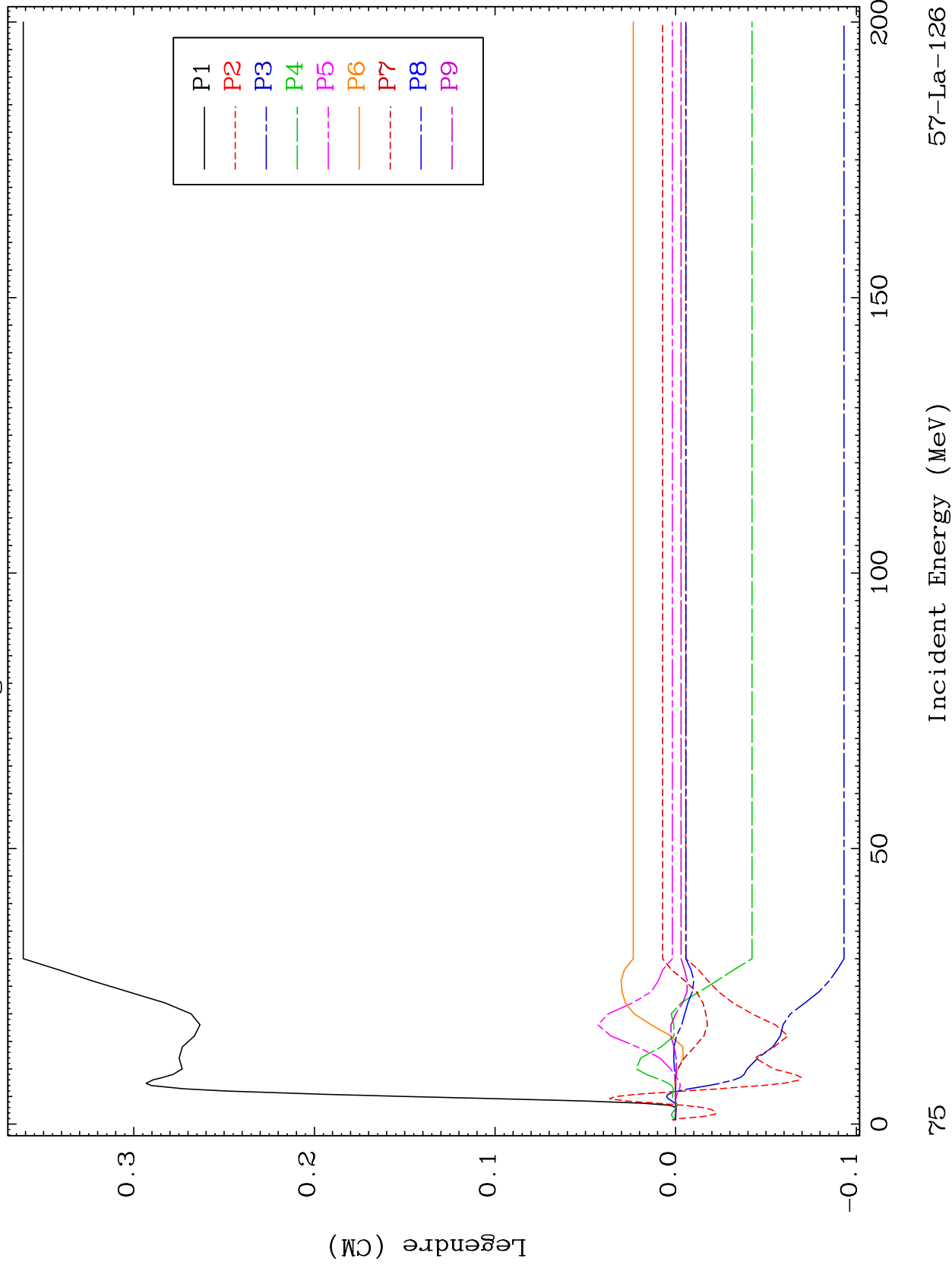




MAT 5689

711.4 keV (n,n') Level  
Legendre Coefficients

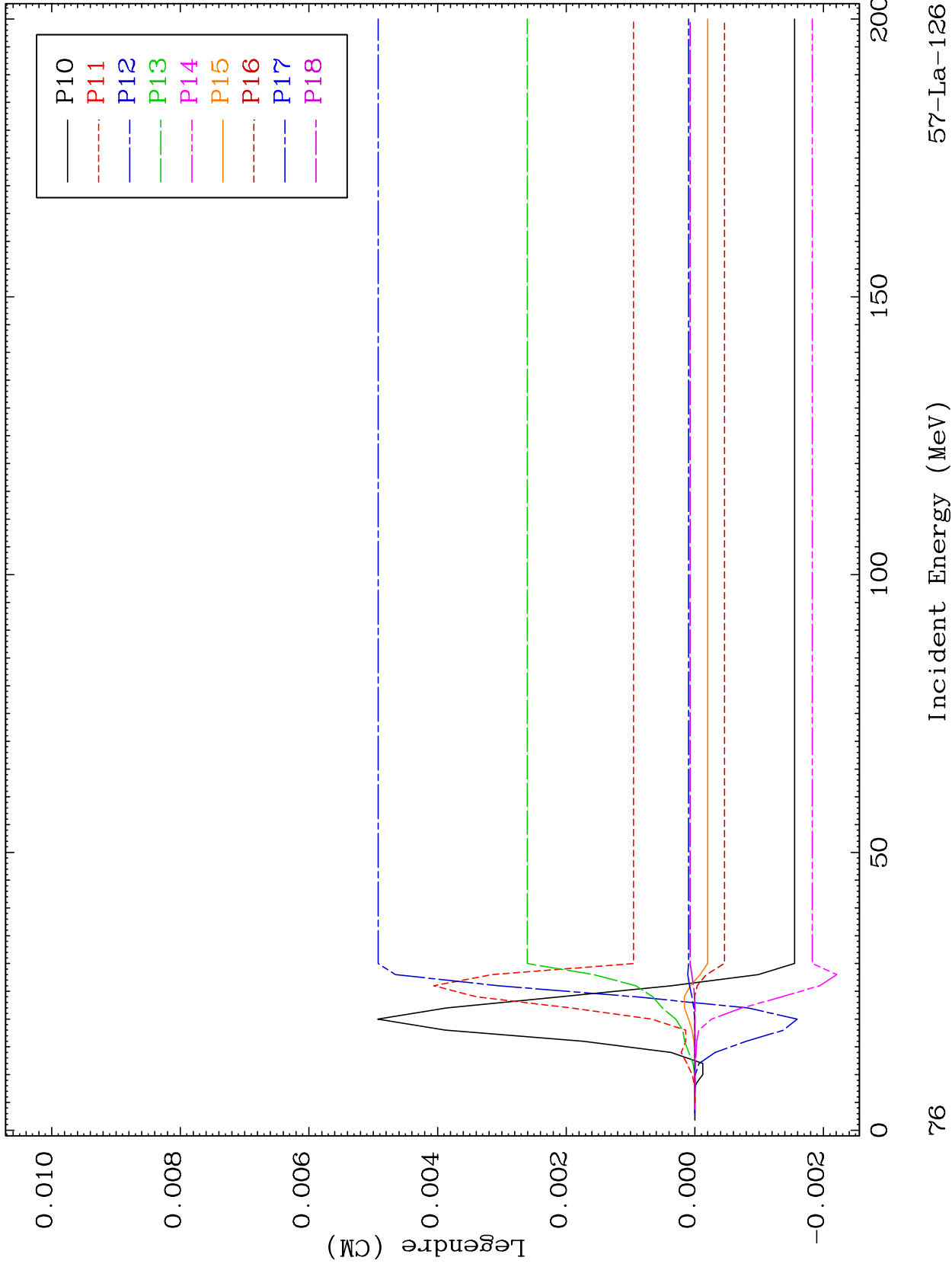
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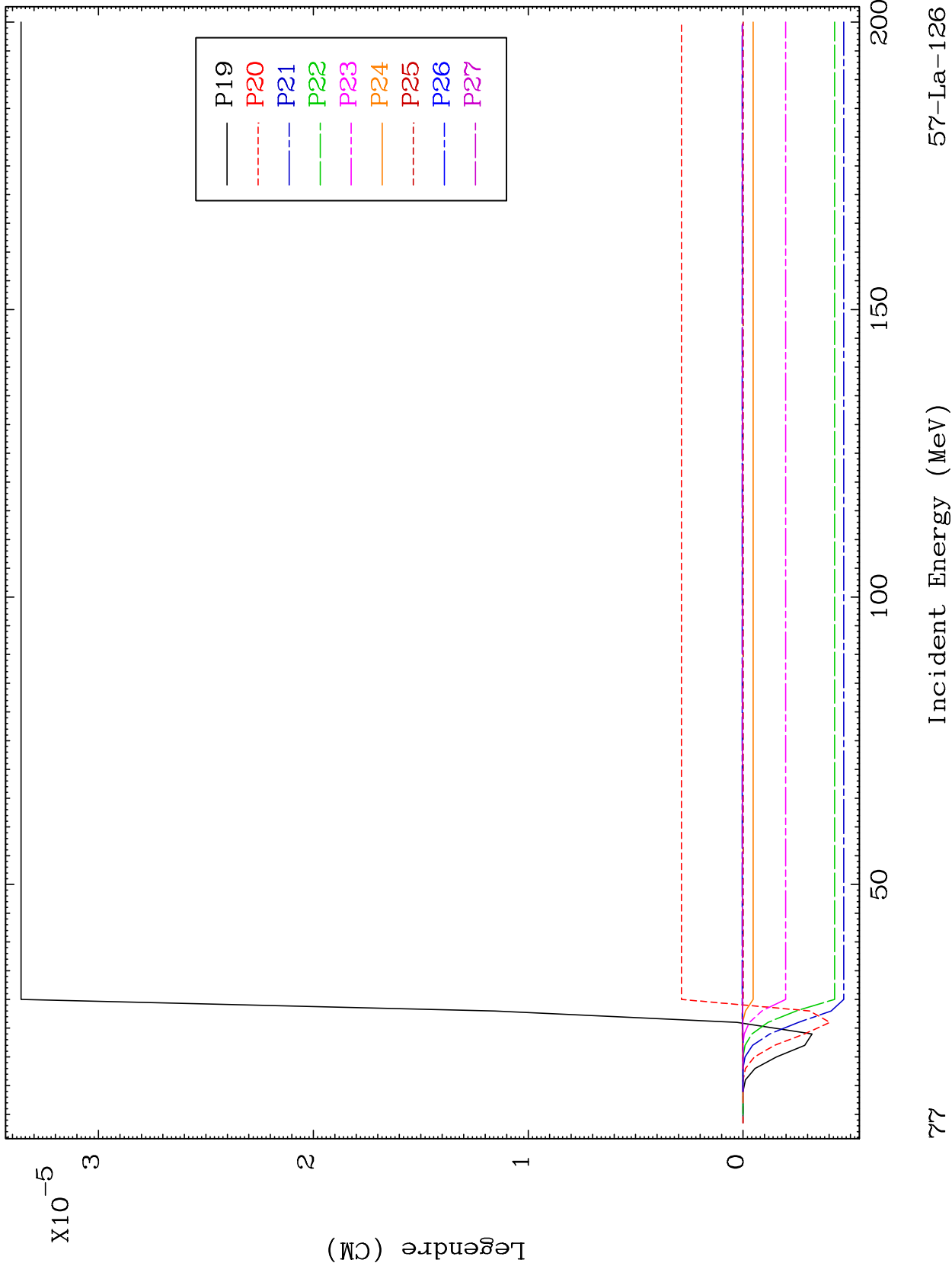


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Incident Energy (MeV)

57-La-126

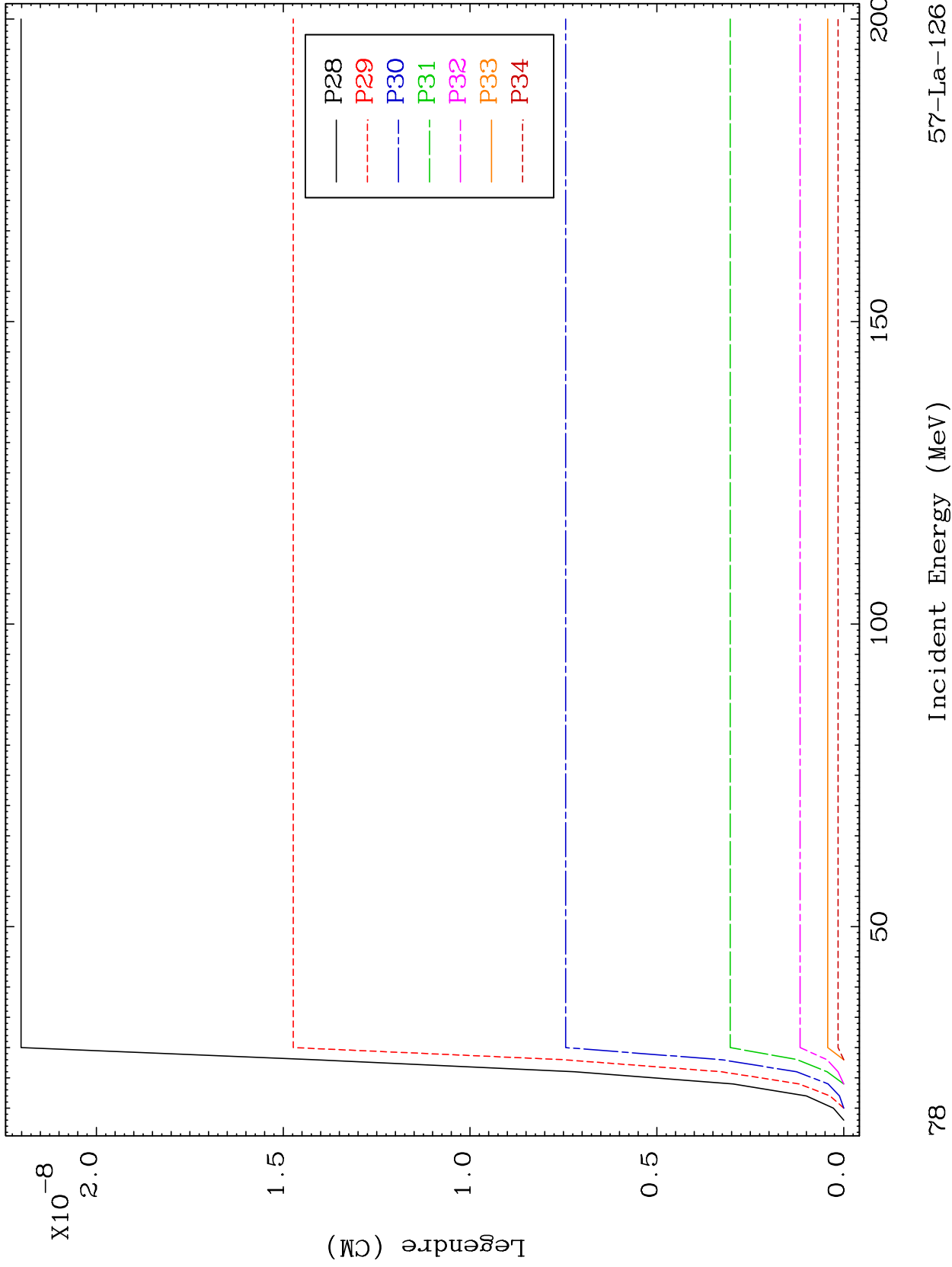




MAT 5689

711.4 keV (n,n') Level  
Legendre Coefficients

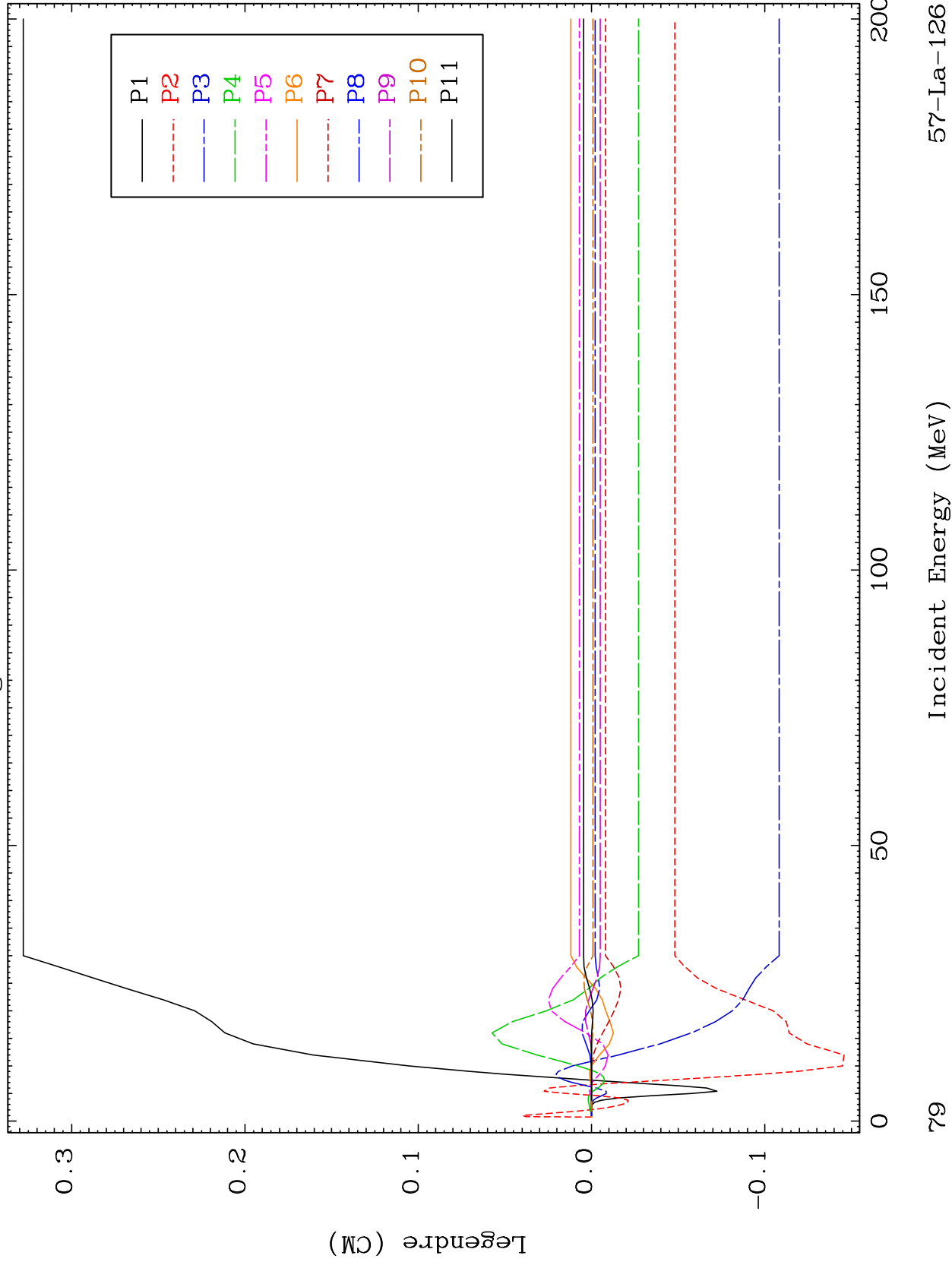
57-La-126



MAT 5689

713.5 keV (n,n') Level  
Legendre Coefficients

57-La-126



57-La-126

Incident Energy (MeV)

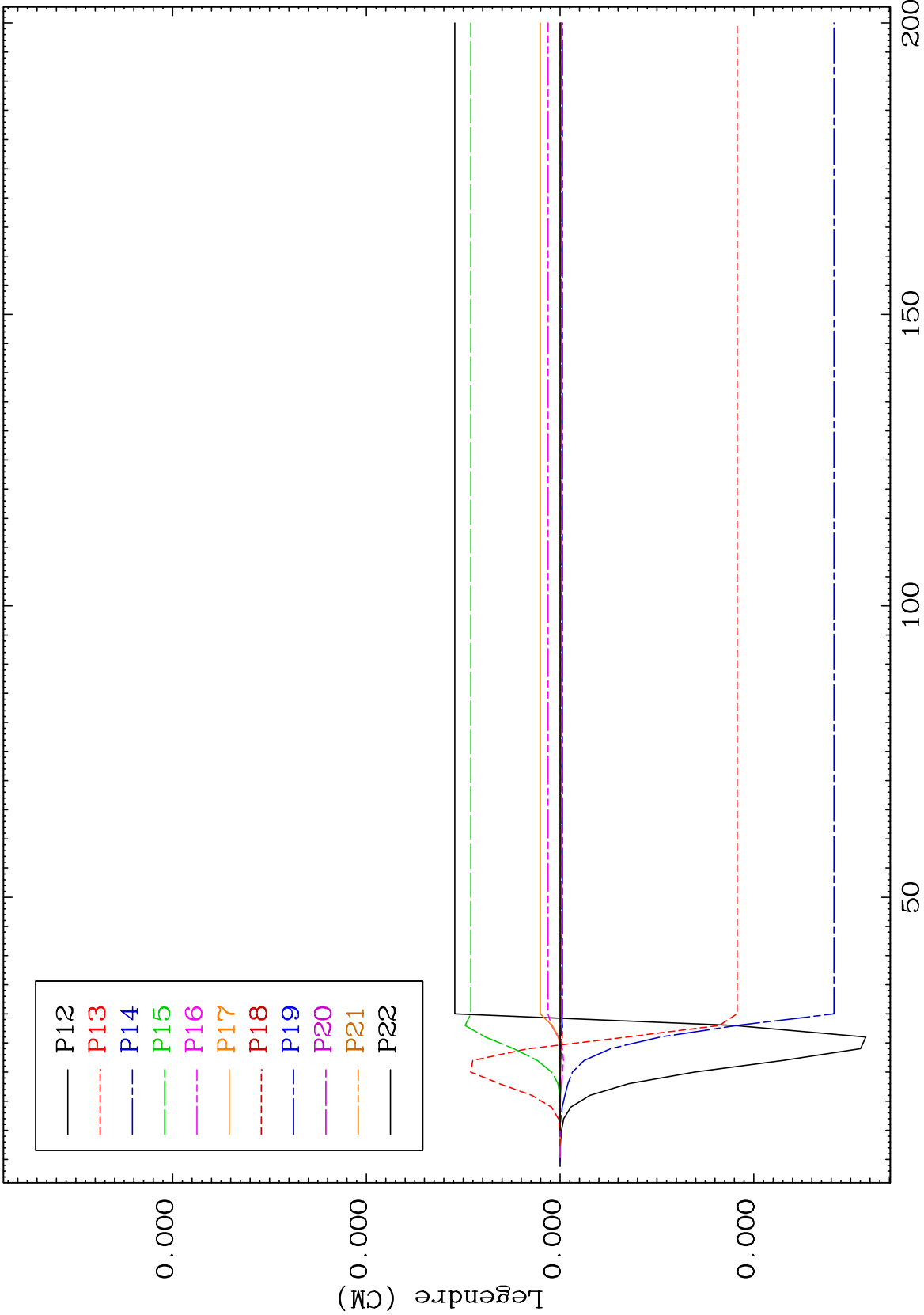
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MAT 5689

713.5 keV (n,n') Level  
Legendre Coefficients

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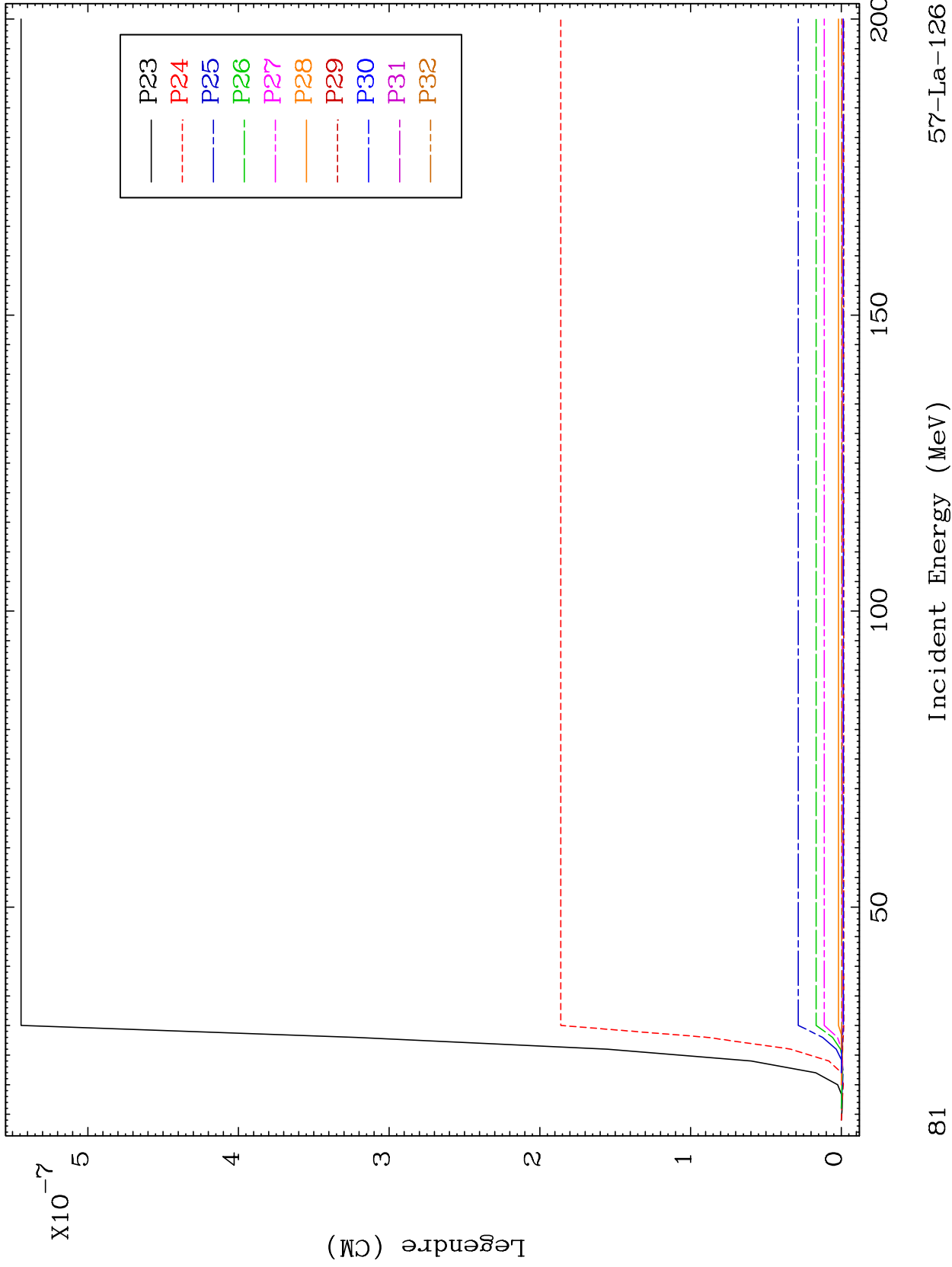
Incident Energy (MeV)

57-La-126

MAT 5689

713.5 keV (n,n') Level  
Legendre Coefficients

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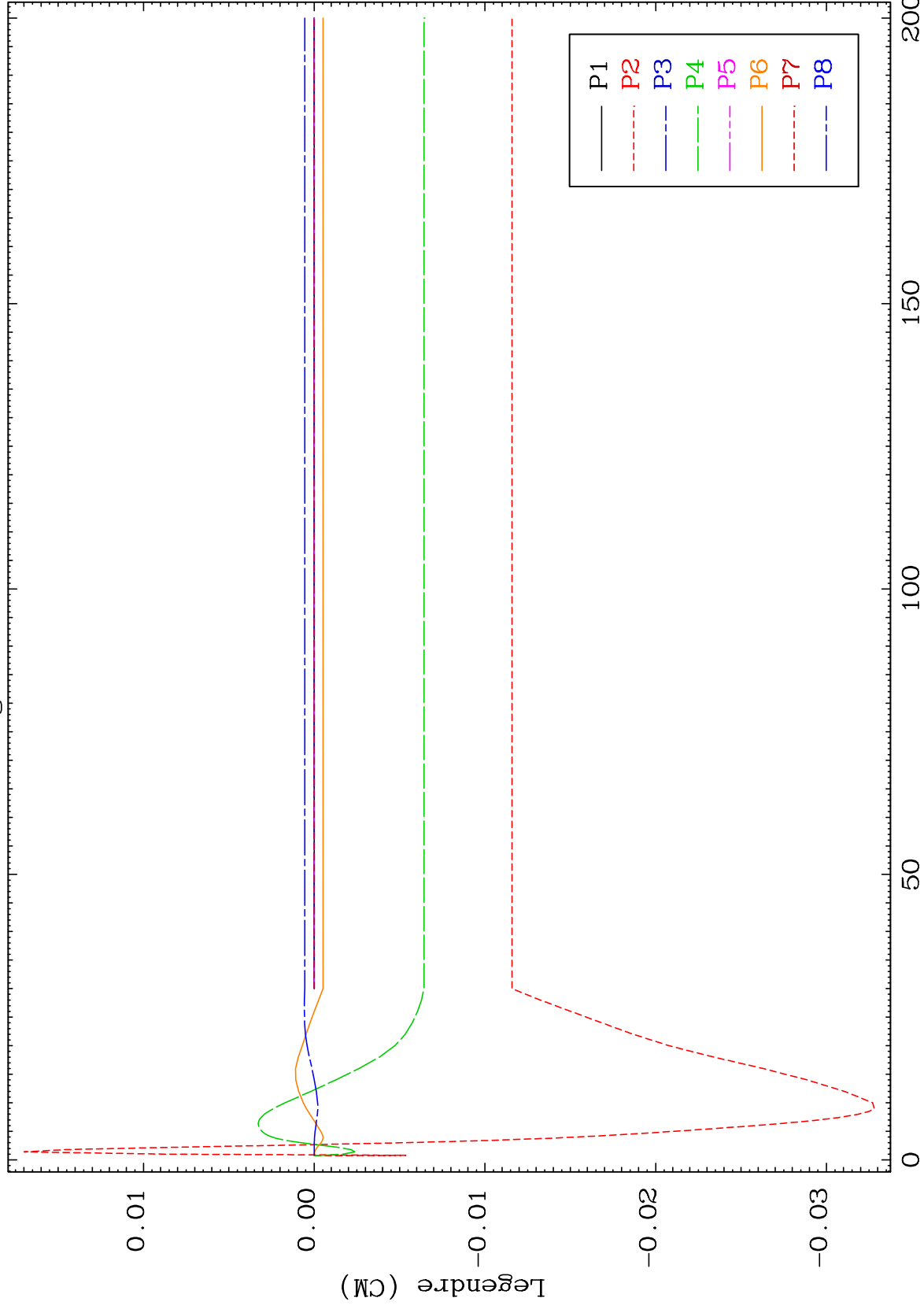
Incident Energy (MeV)

57-La-126

MAT 5689

714.5 keV (n,n') Level  
Legendre Coefficients

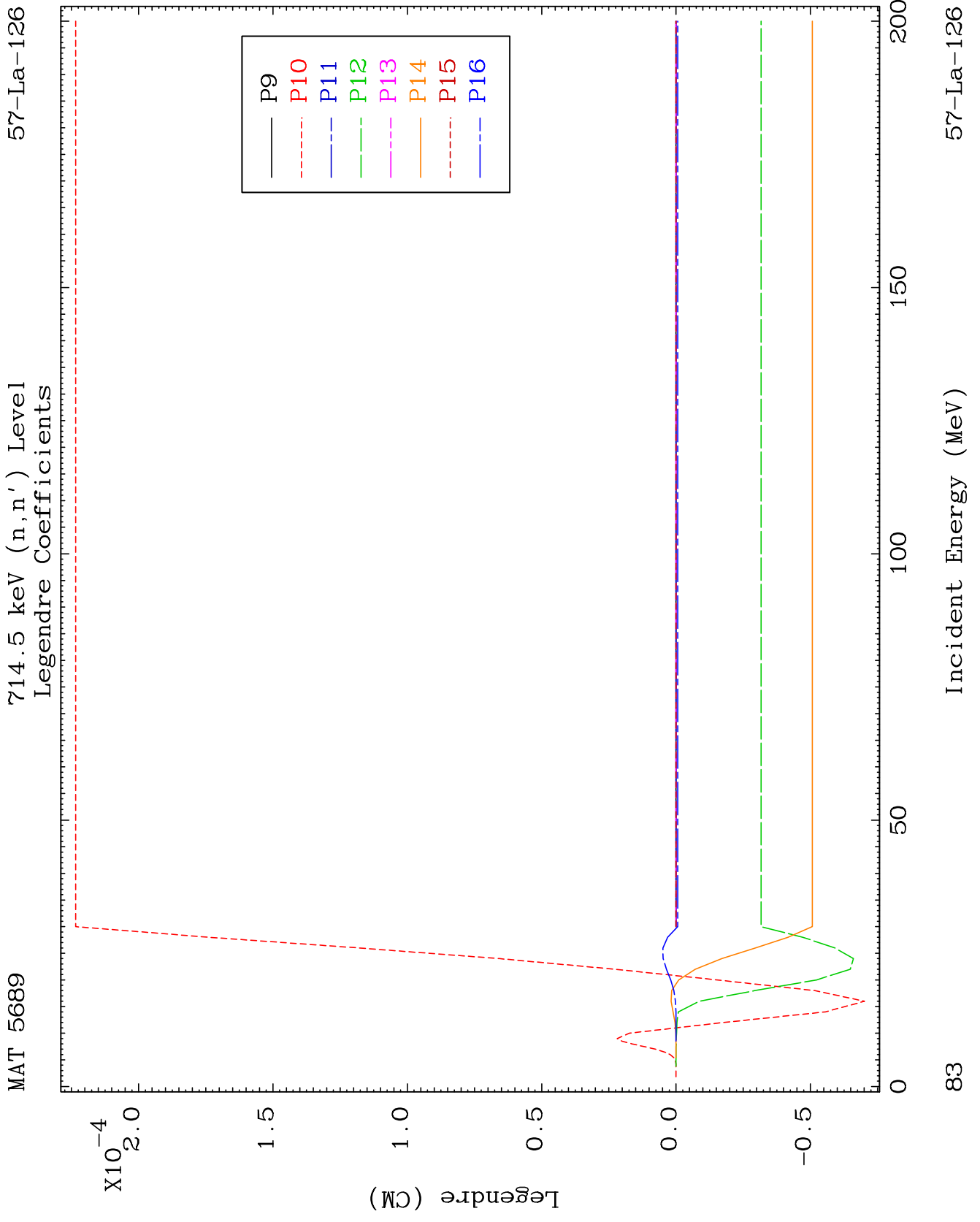
57-La-126

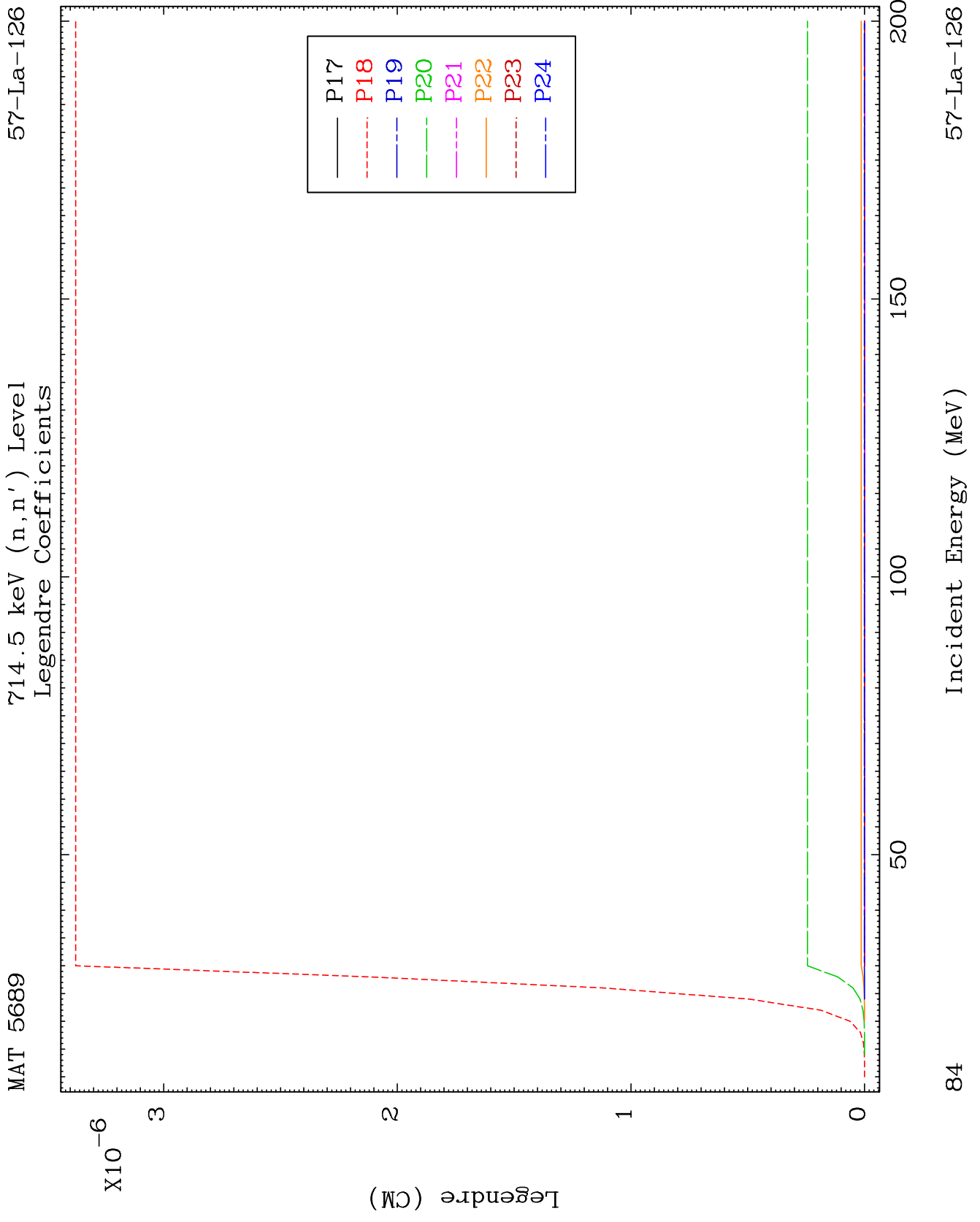


57-La-126

Incident Energy (MeV)

82

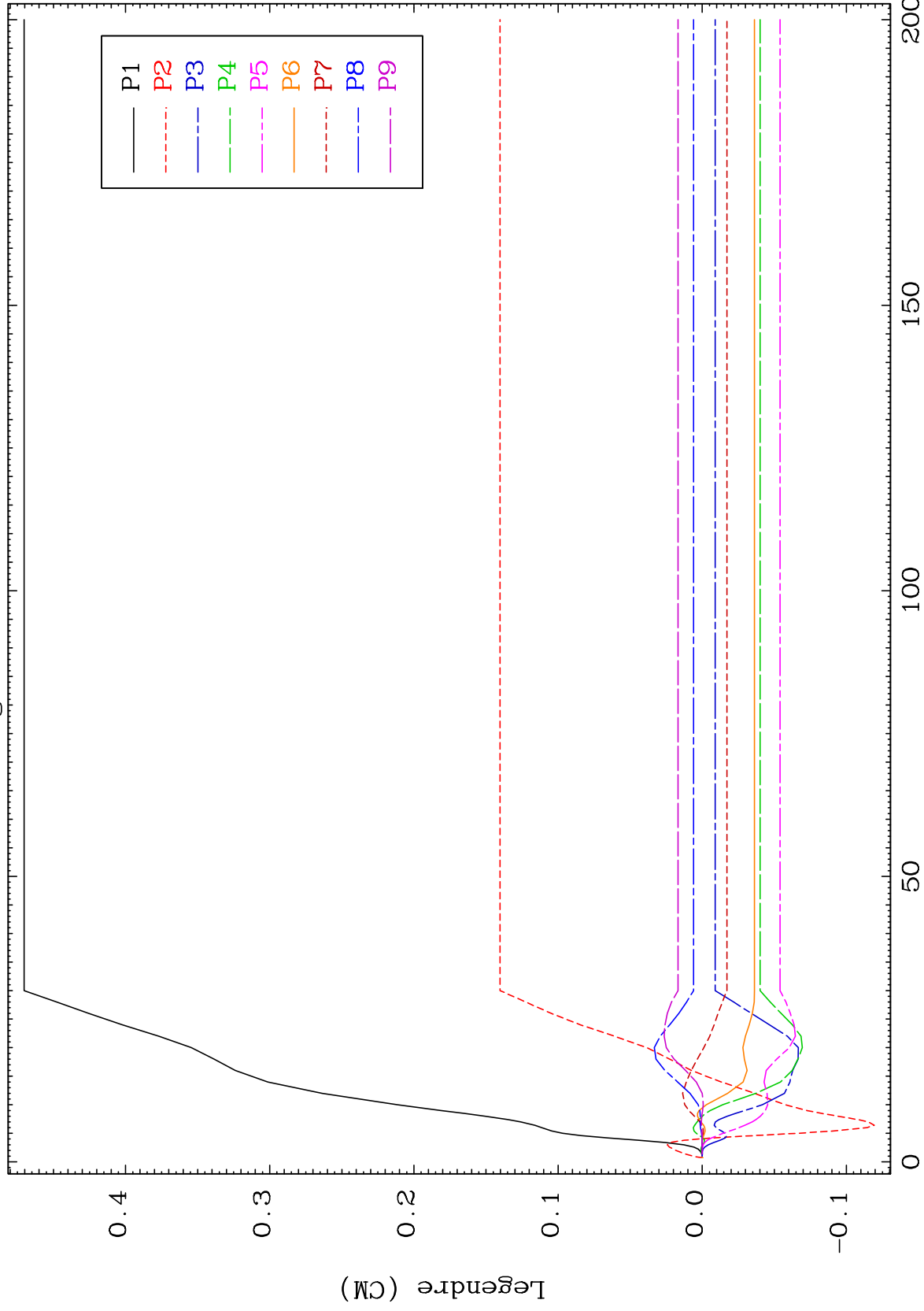




MAT 5689

726.2 keV (n,n') Level  
Legendre Coefficients

57-La-126



57-La-126

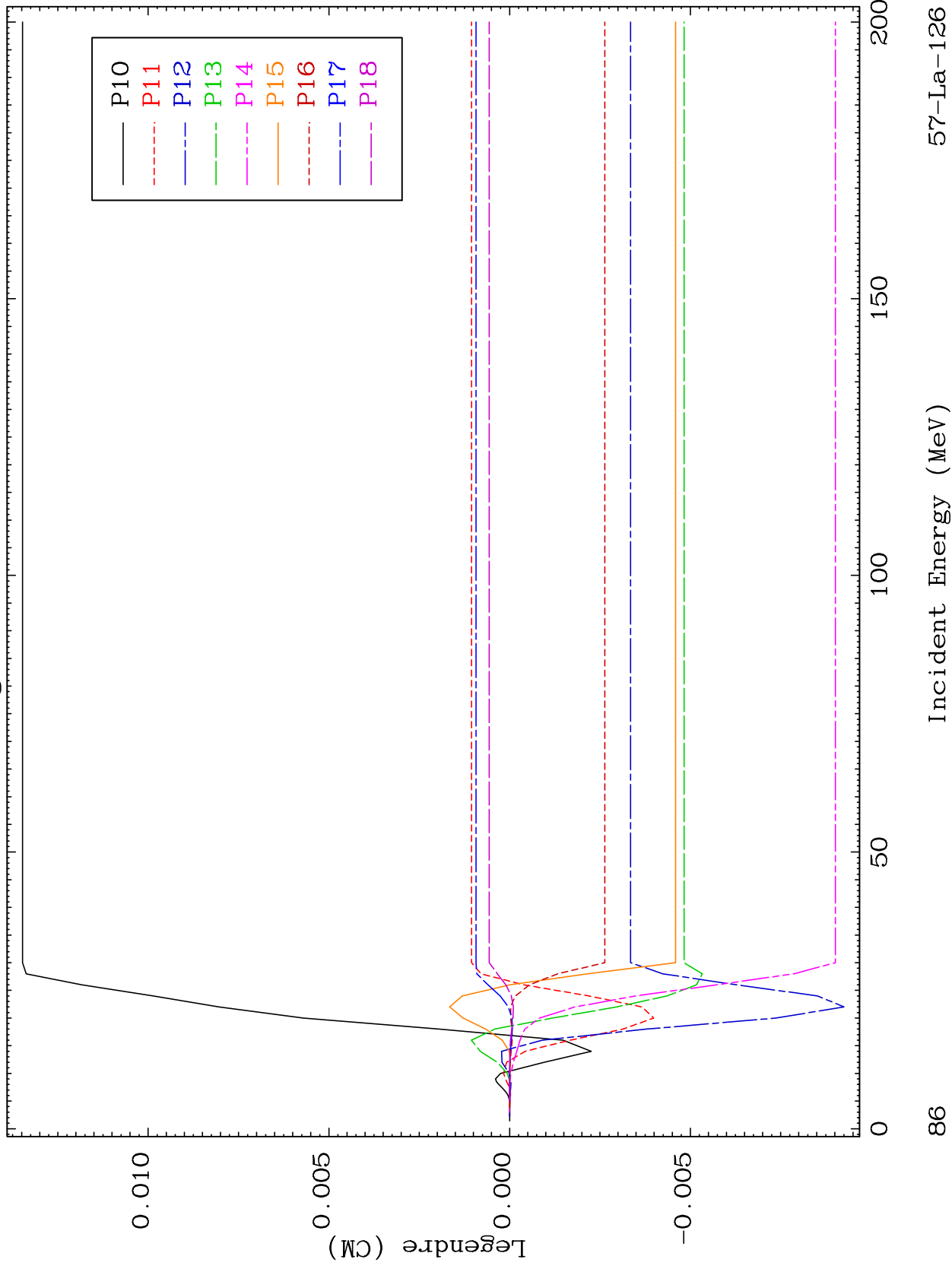
Incident Energy (MeV)

85

MAT 5689

726.2 keV (n,n') Level  
Legendre Coefficients

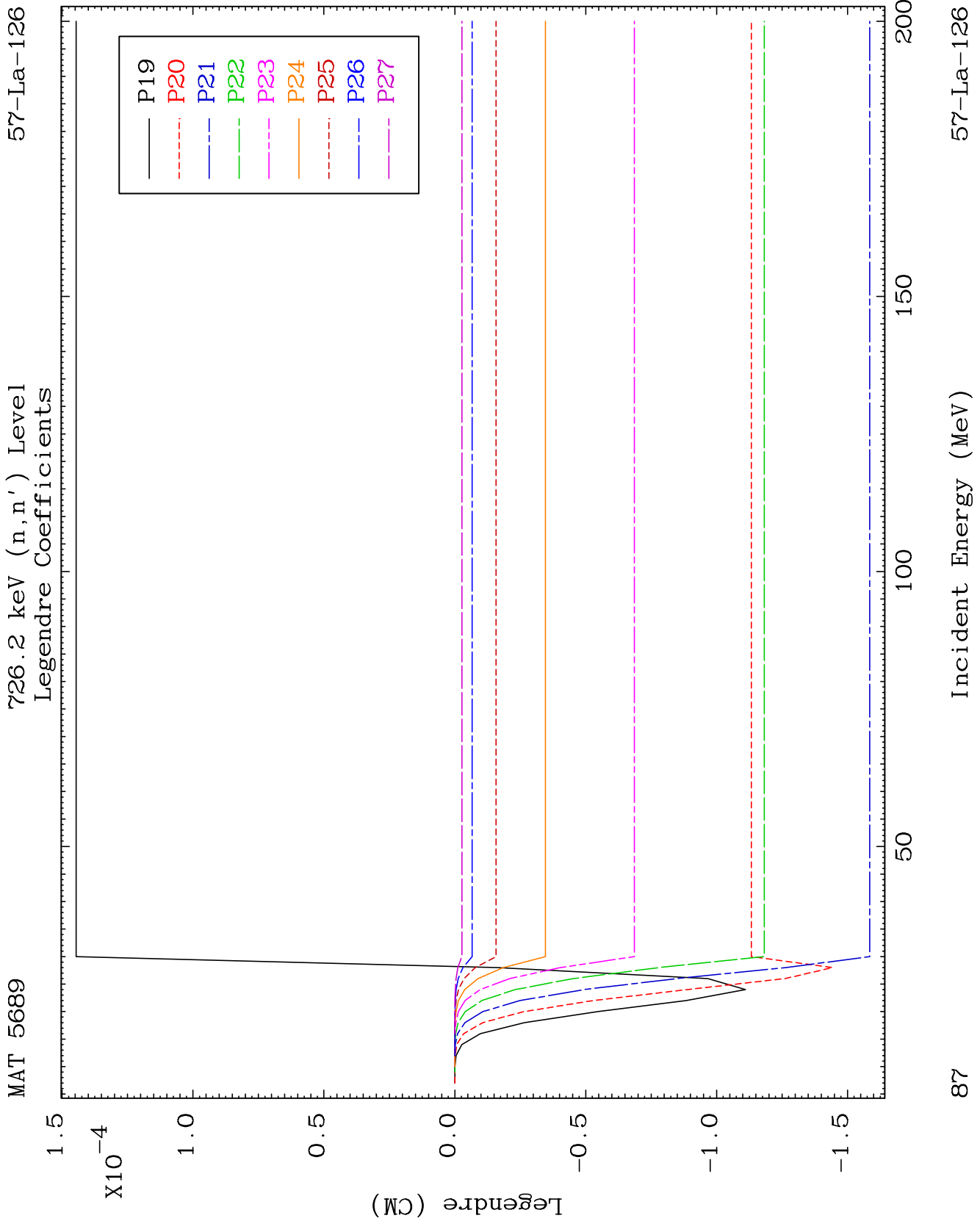
57-La-126



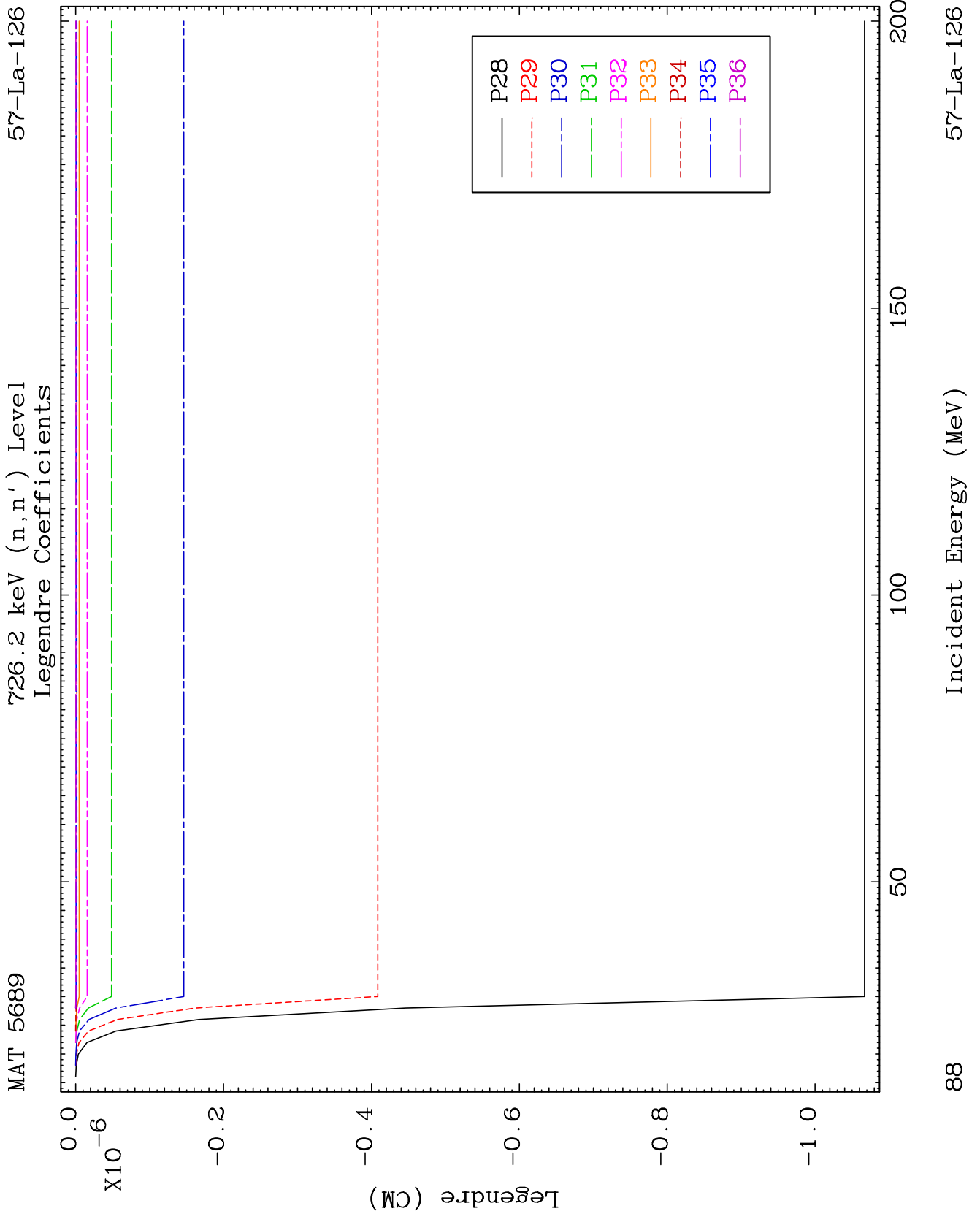
86

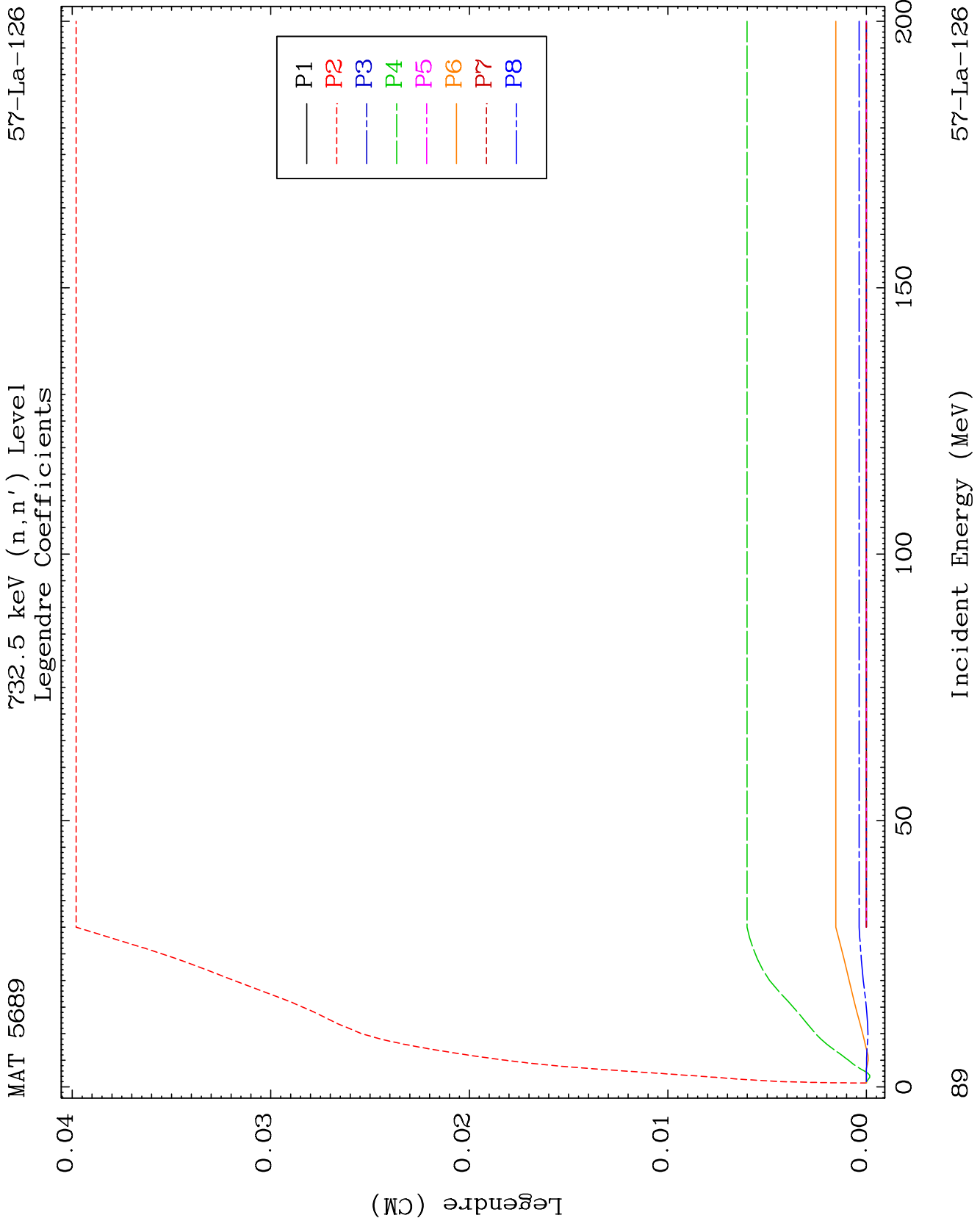
Incident Energy (MeV)

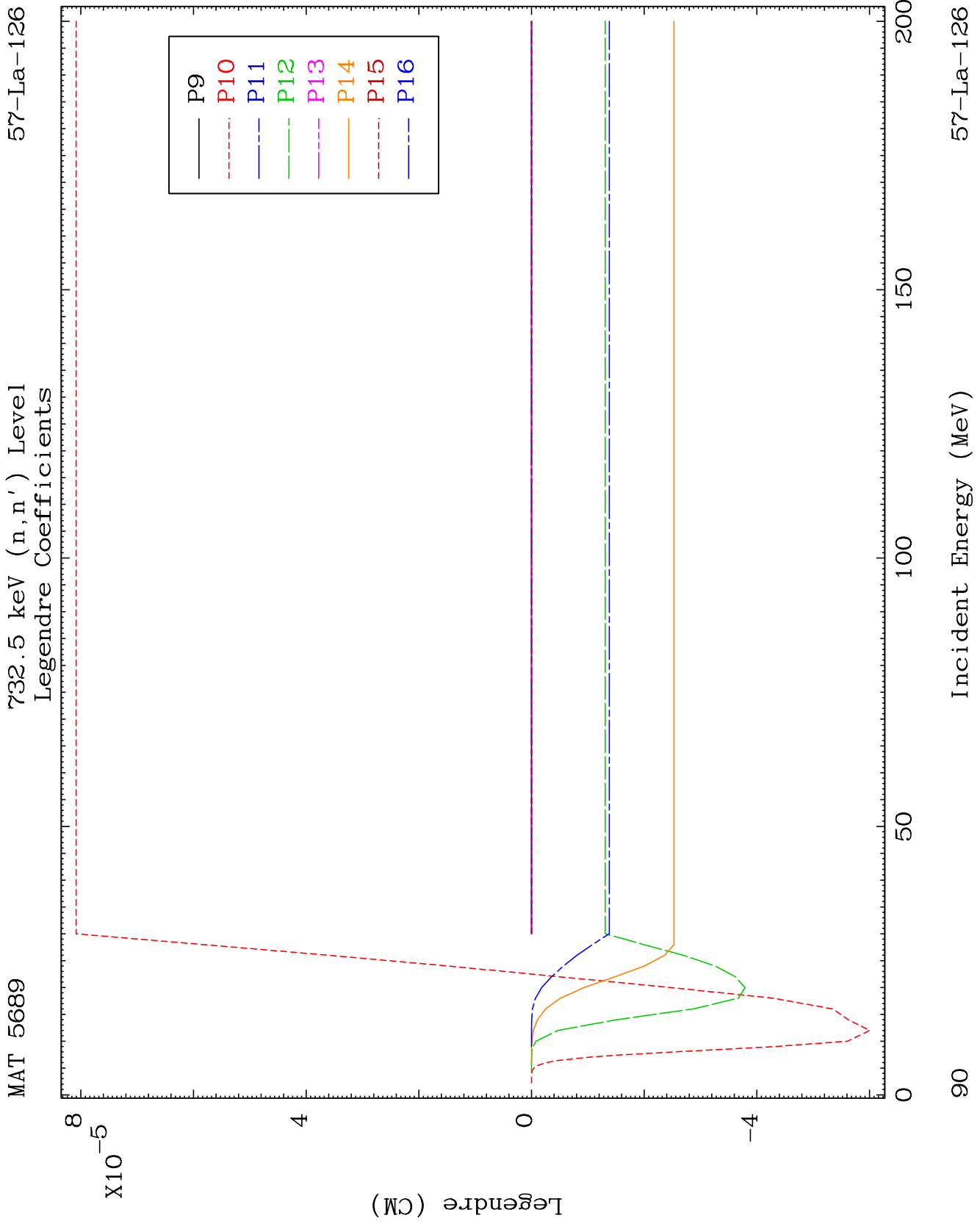
57-La-126

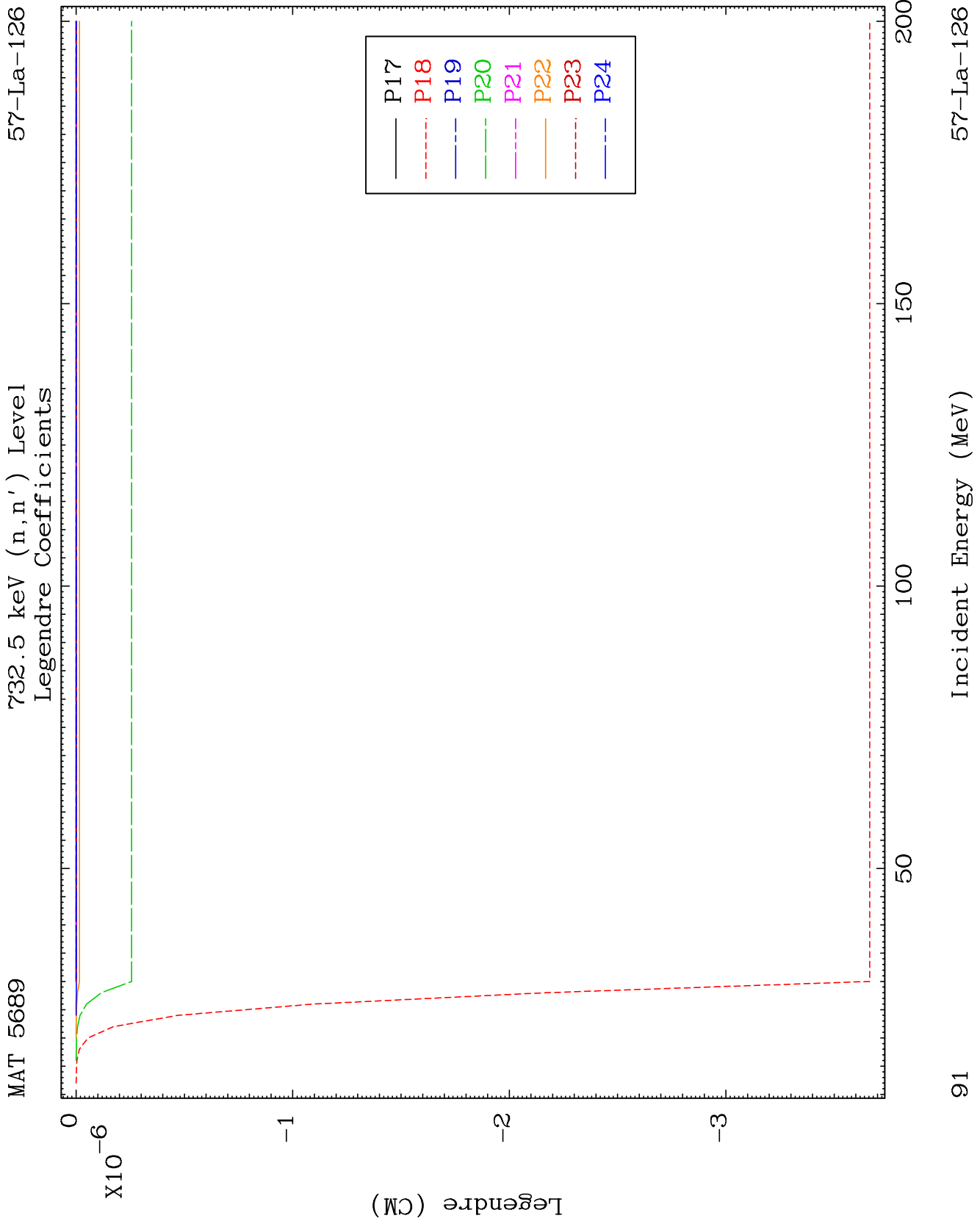








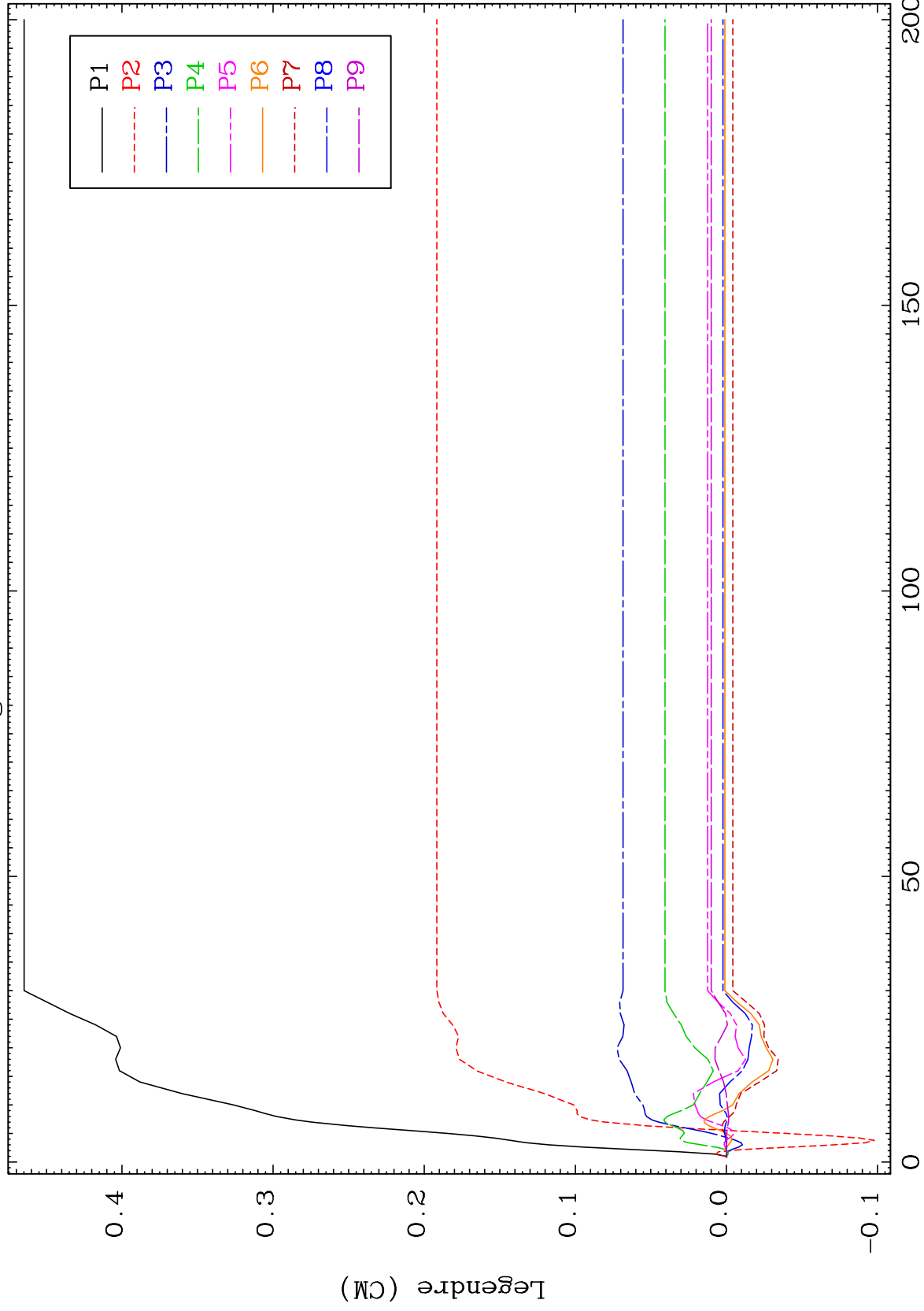




MAT 5689

756.9 keV (n,n') Level  
Legendre Coefficients

57-La-126



92

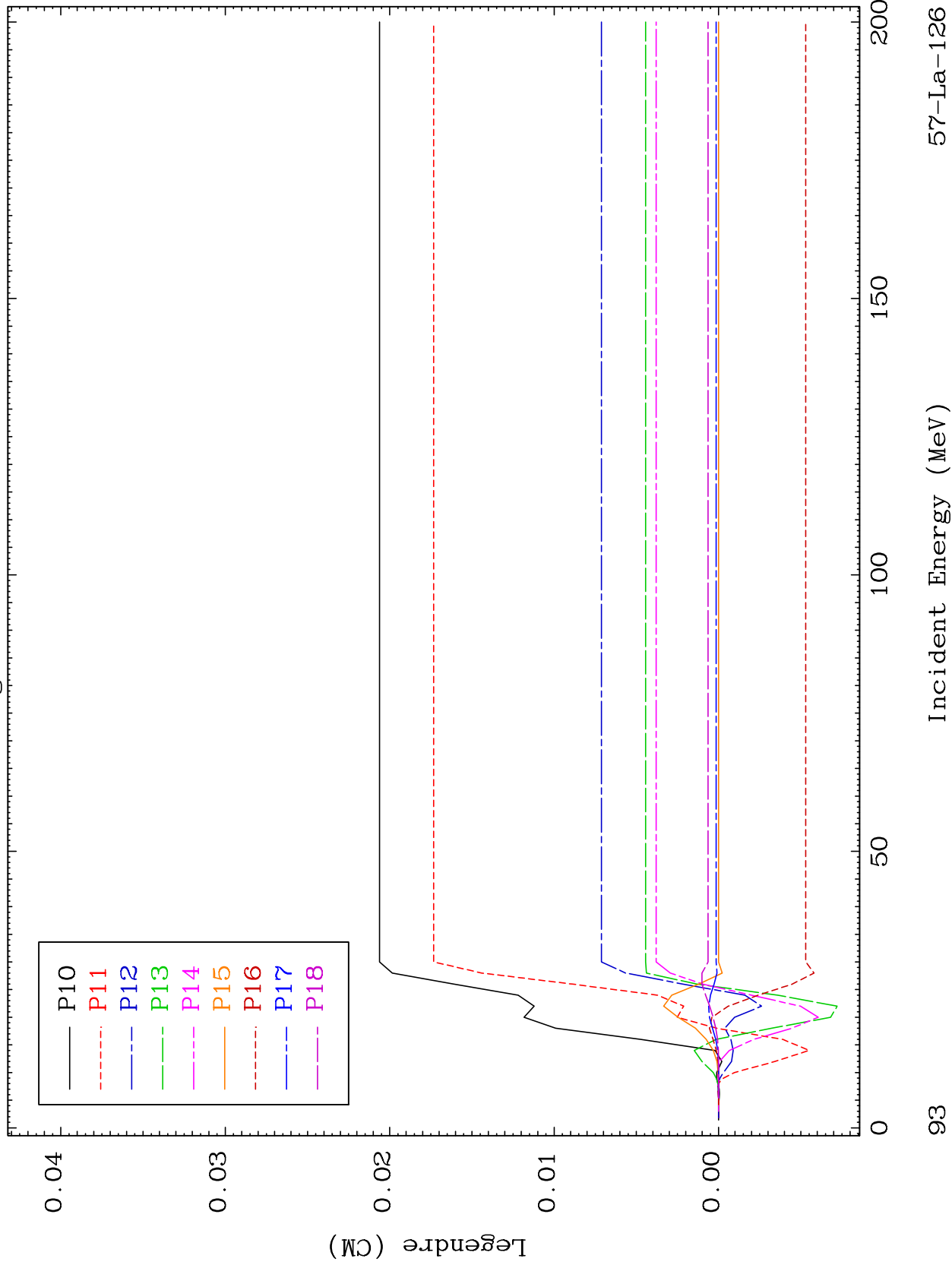
Incident Energy (MeV)

57-La-126

MAT 5689

756.9 keV (n,n') Level  
Legendre Coefficients

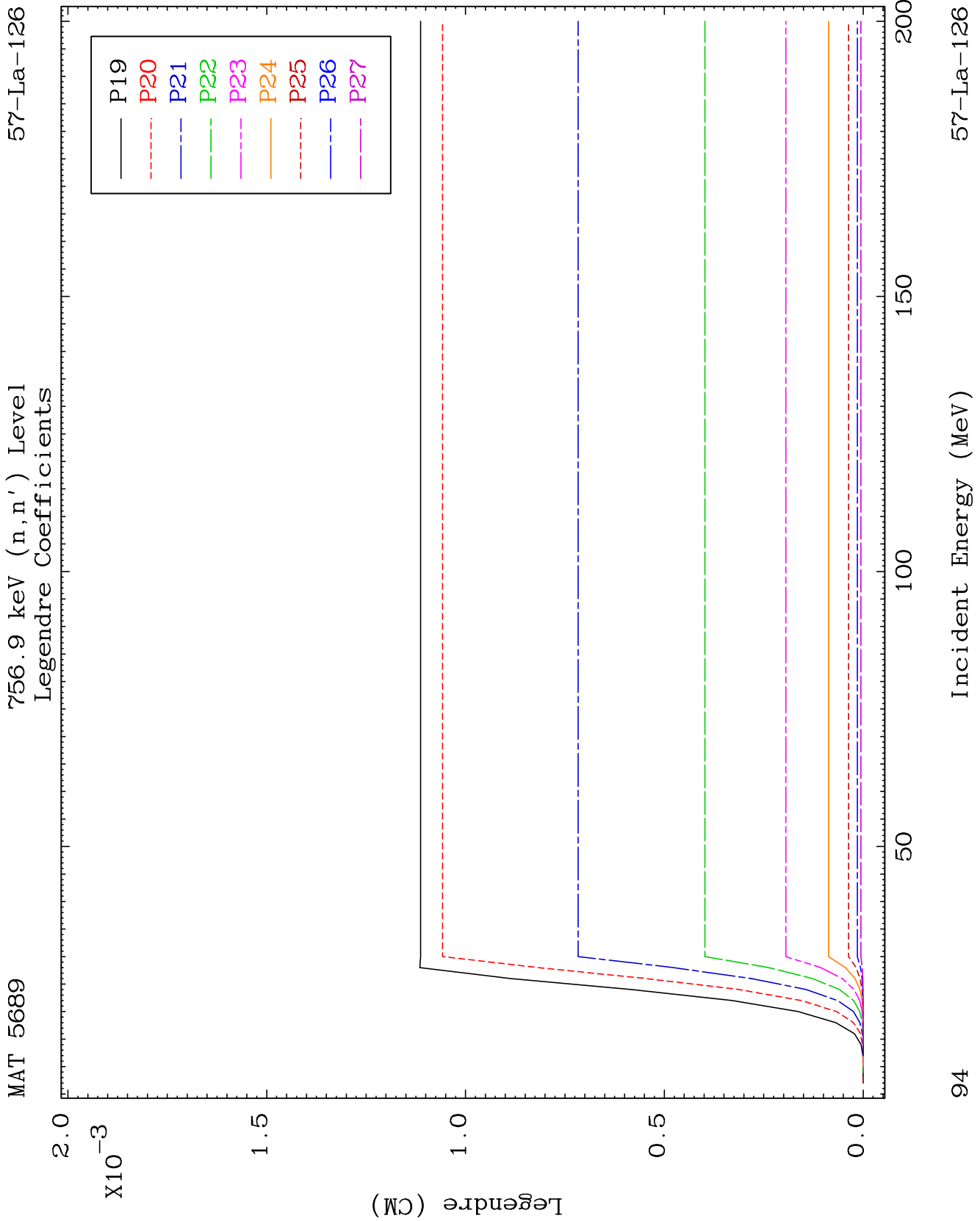
57-La-126



93

Incident Energy (MeV)

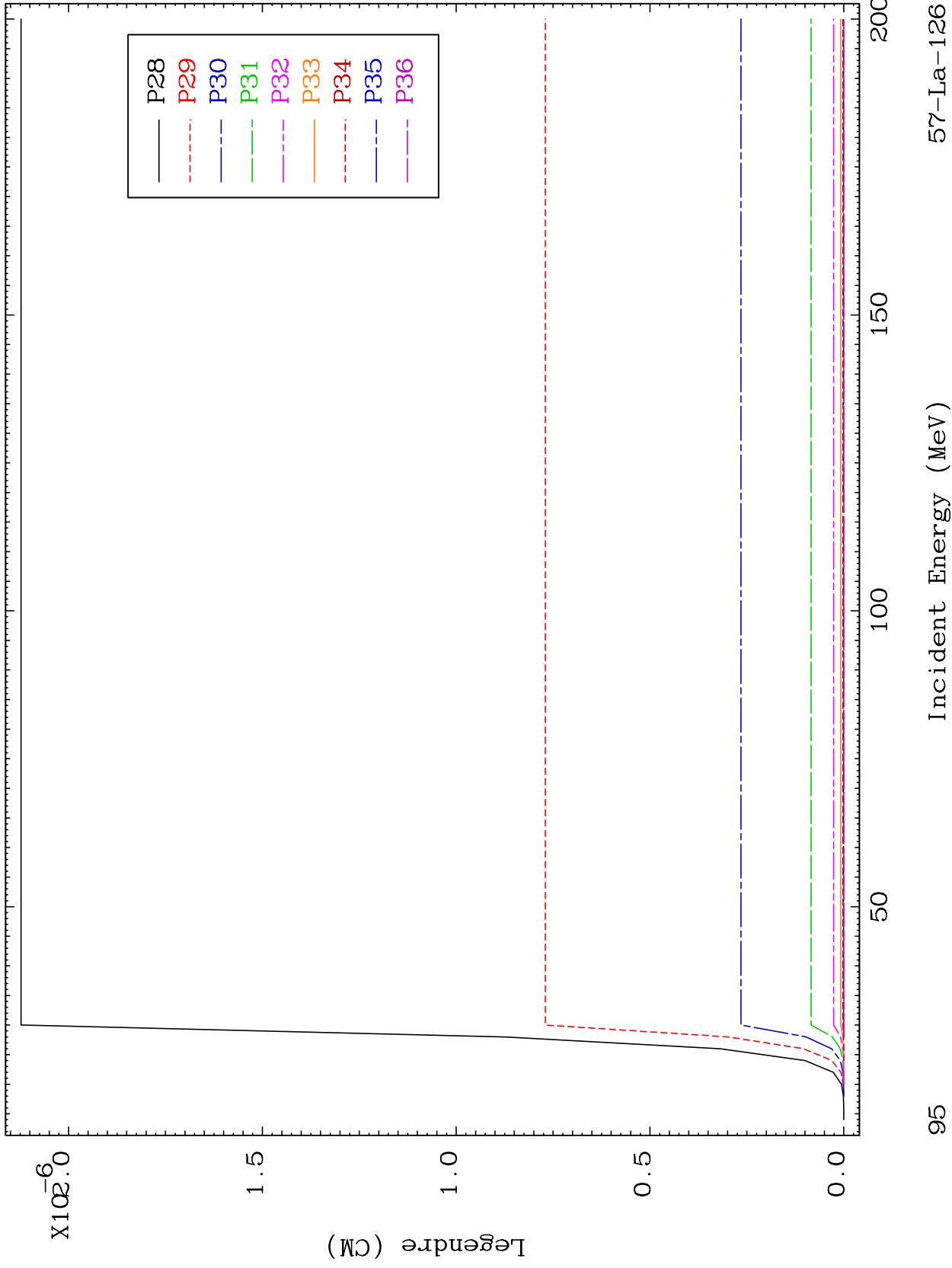
57-La-126



MAT 5689

756.9 keV (n, n') Level  
Legendre Coefficients

57-La-126

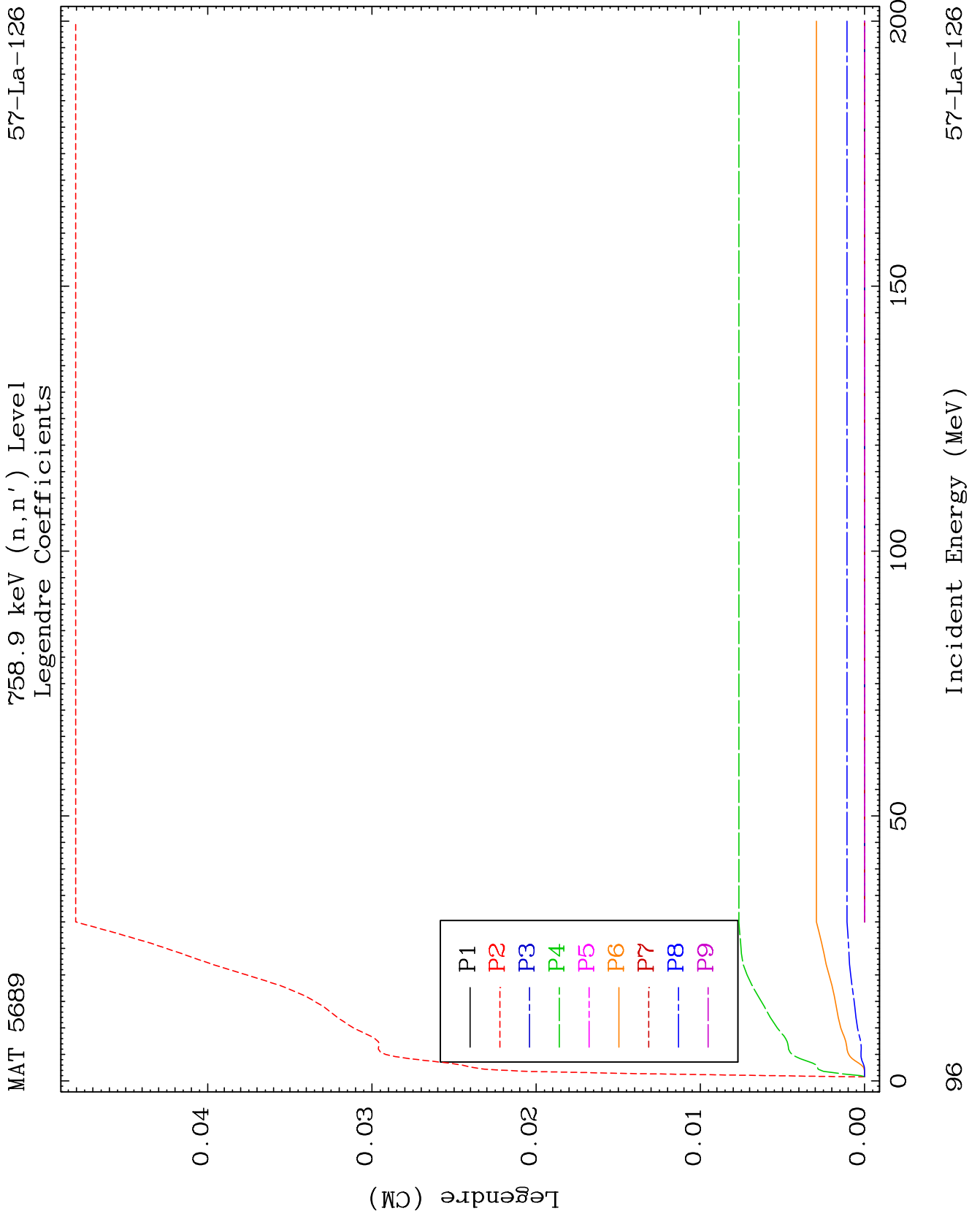


95

Incident Energy (MeV)

57-La-126

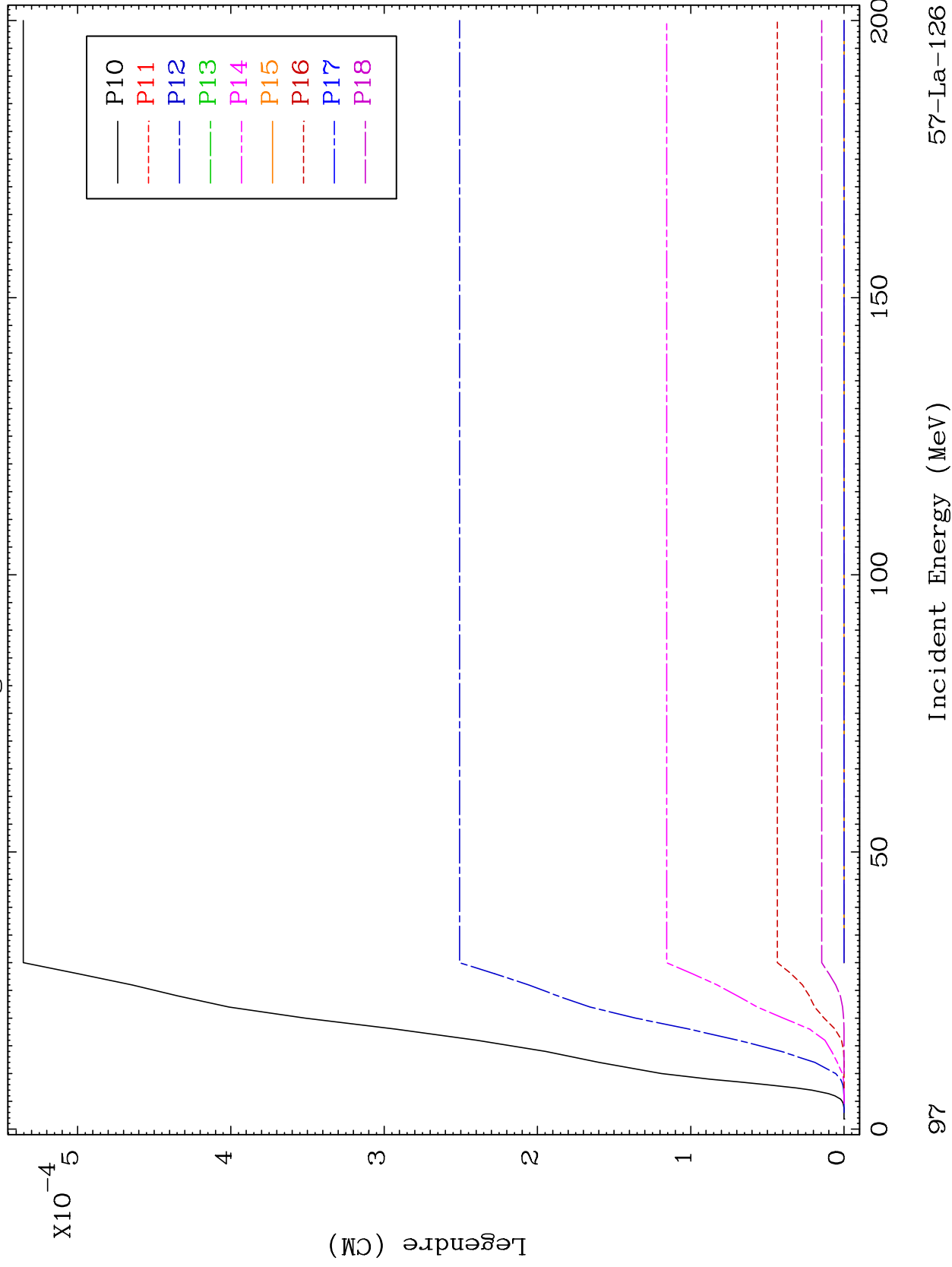




MAT 5689

758.9 keV (n,n') Level  
Legendre Coefficients

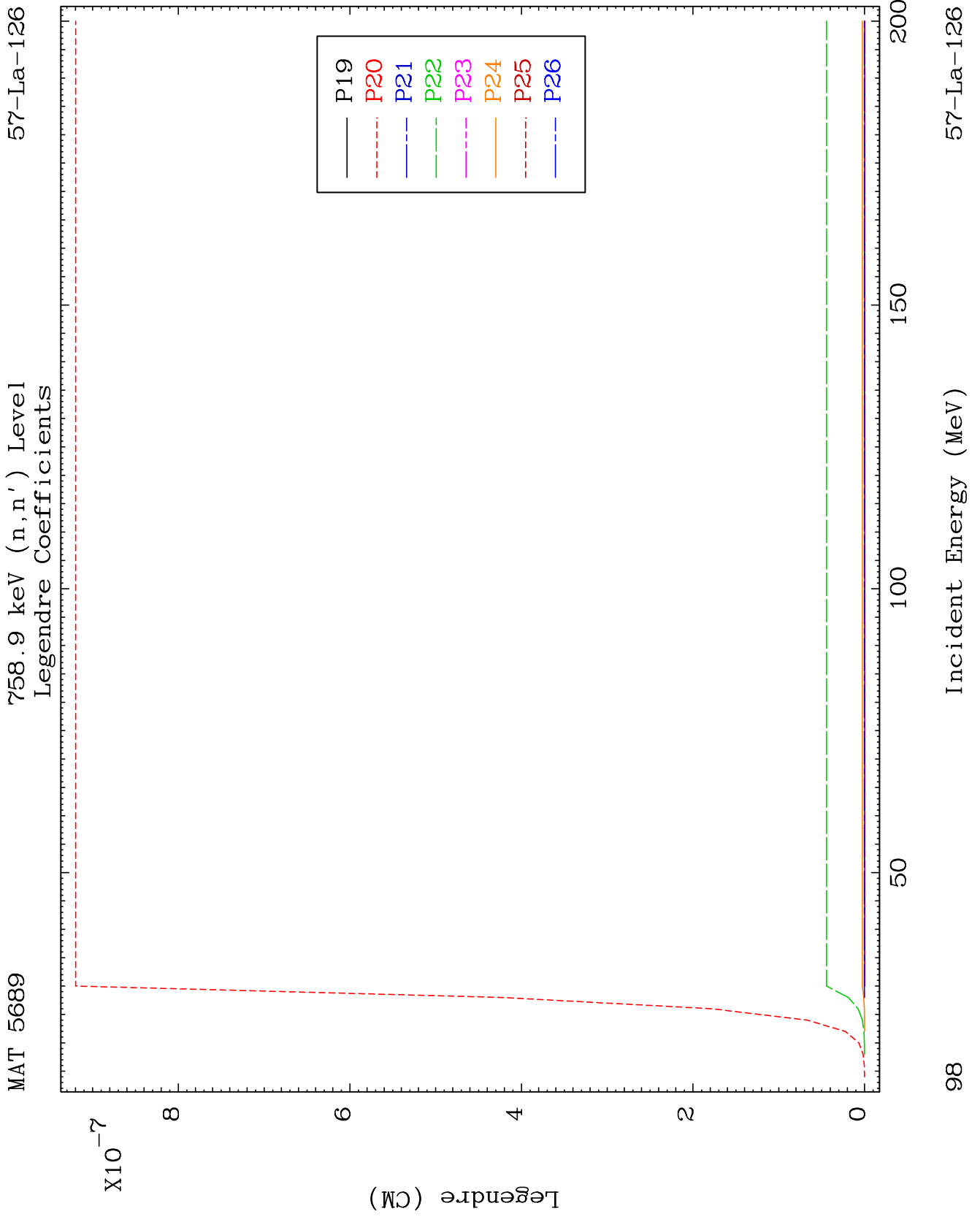
57-La-126

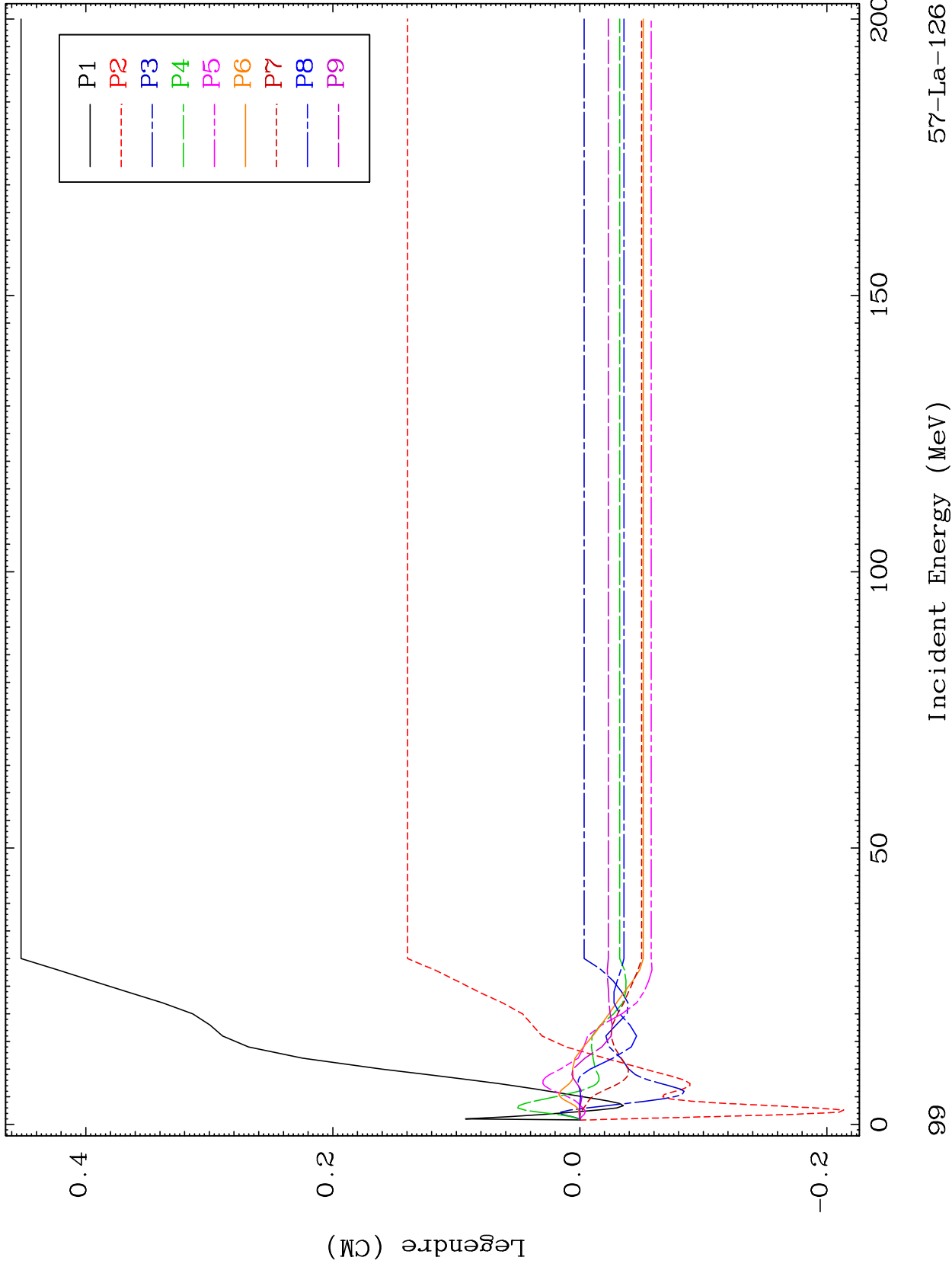


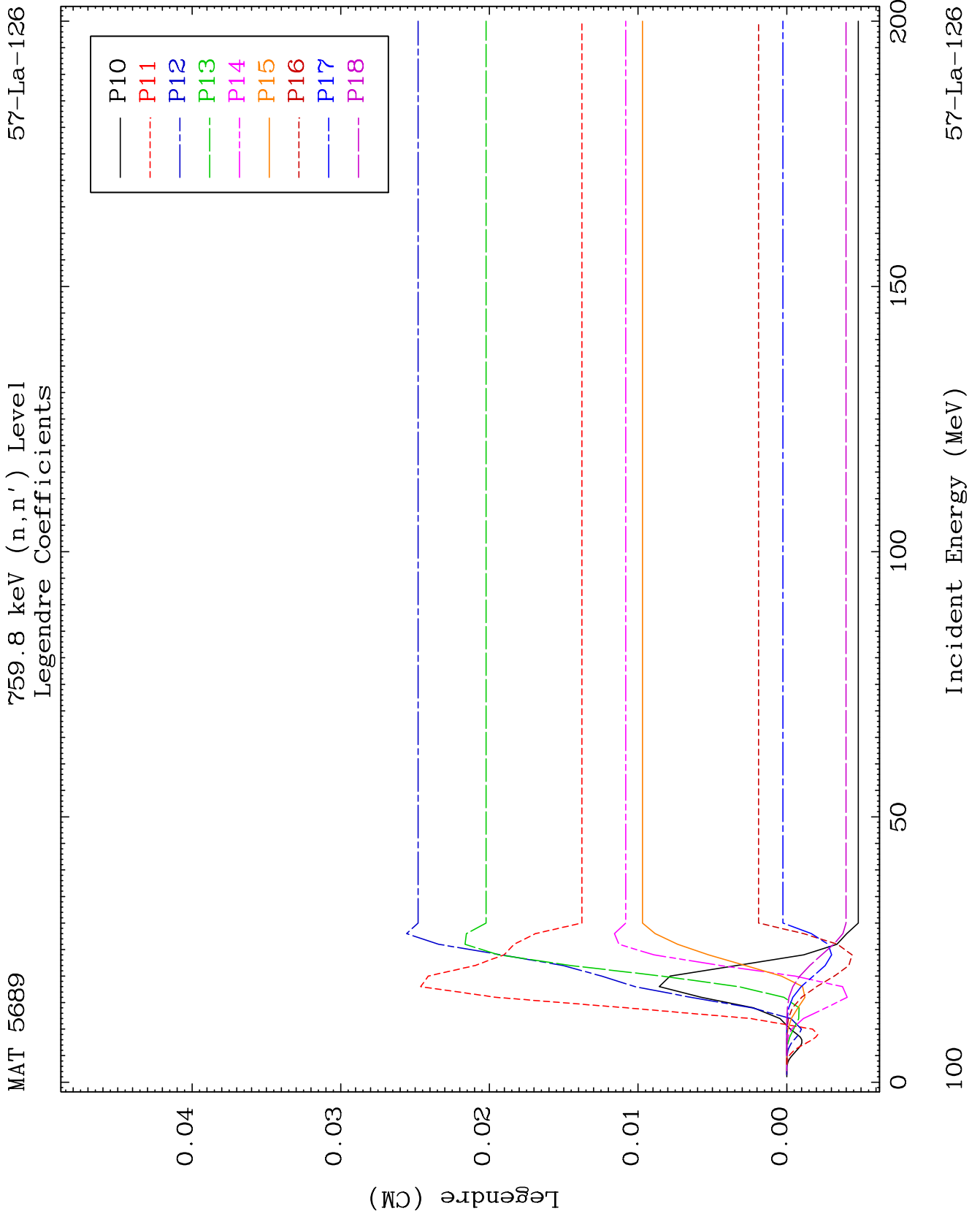
57-La-126

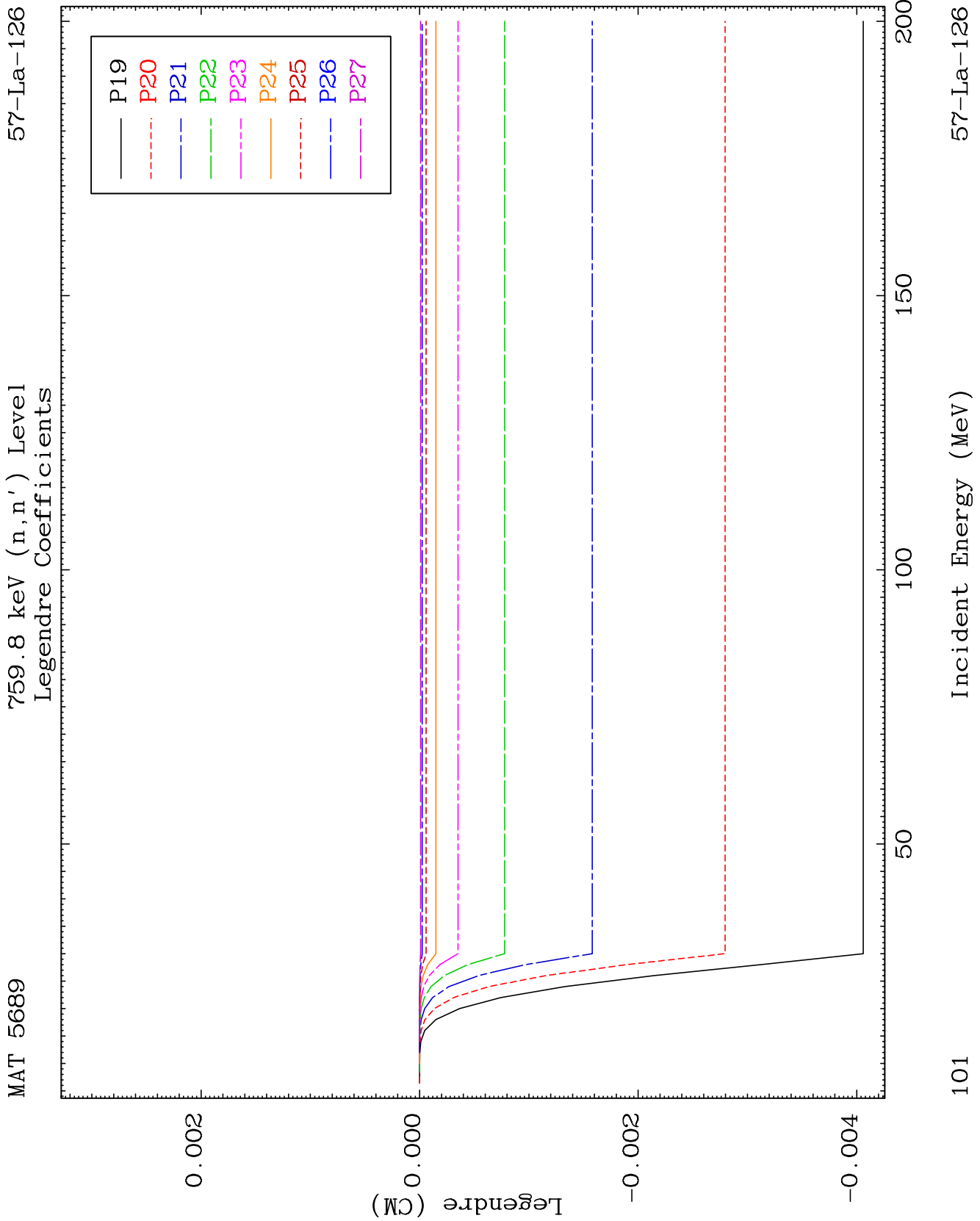
Incident Energy (MeV)

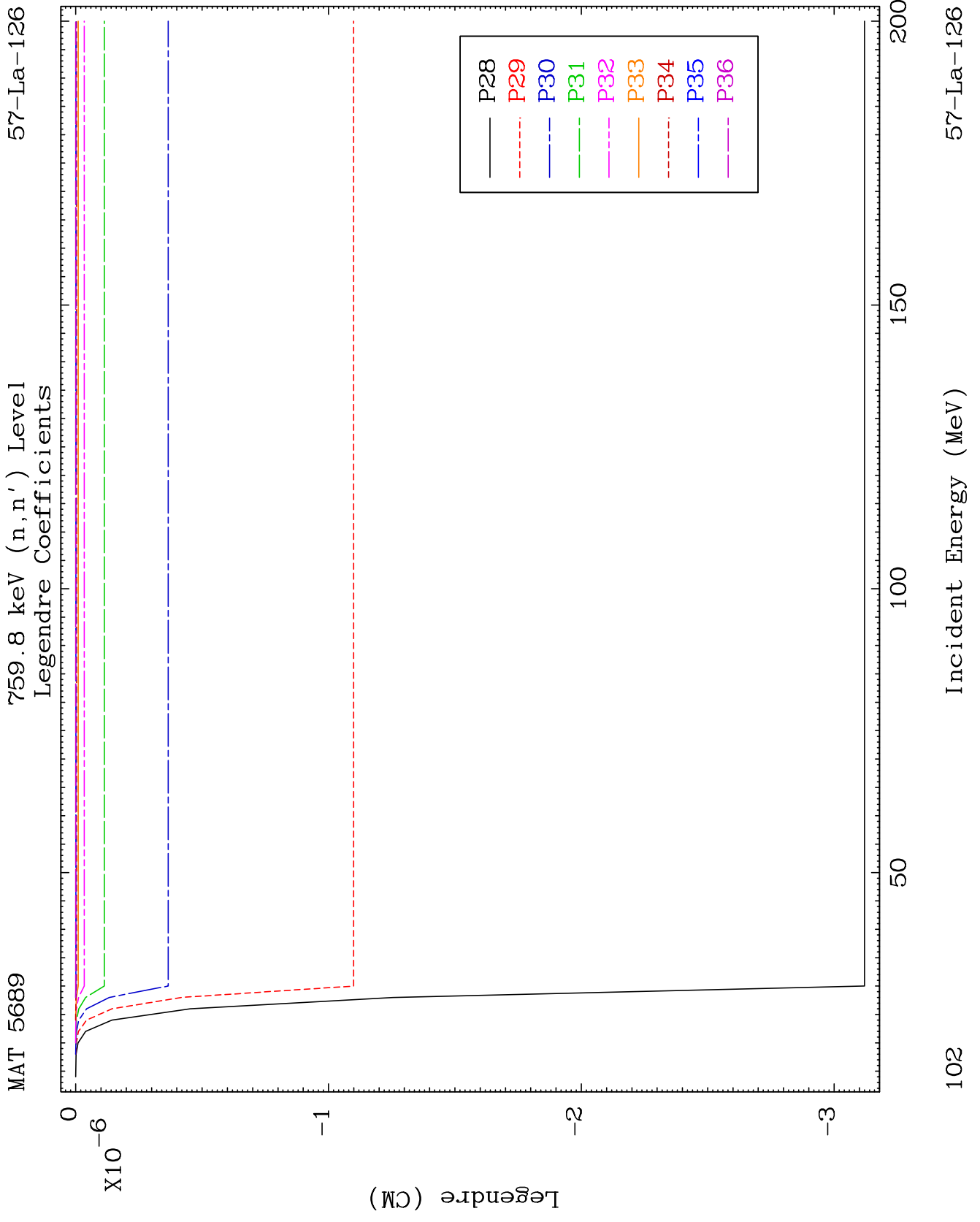
97







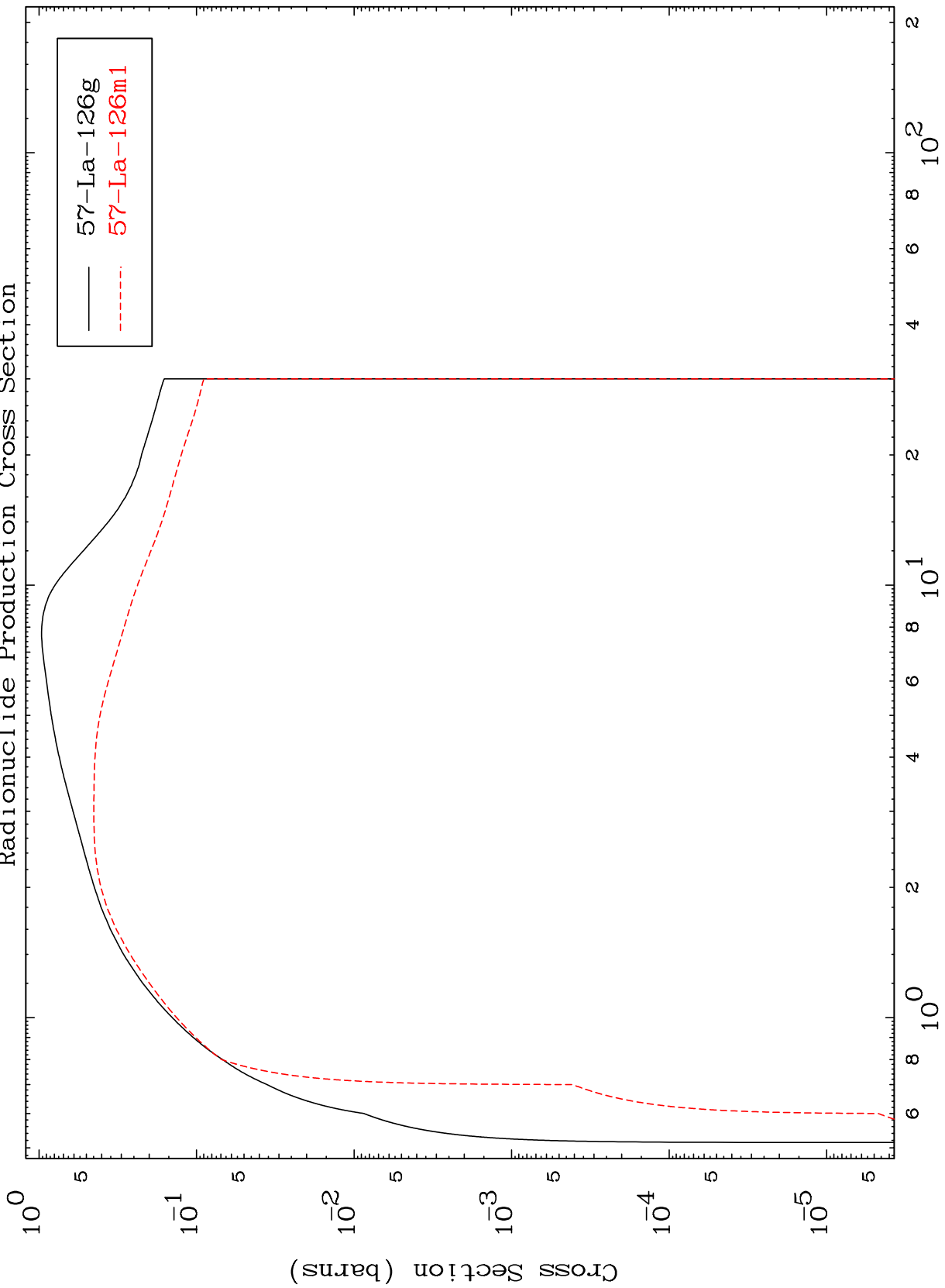




MAT 5689

57-La-126

Inelastic  
Radionuclide Production Cross Section



103

Incident Energy (MeV)

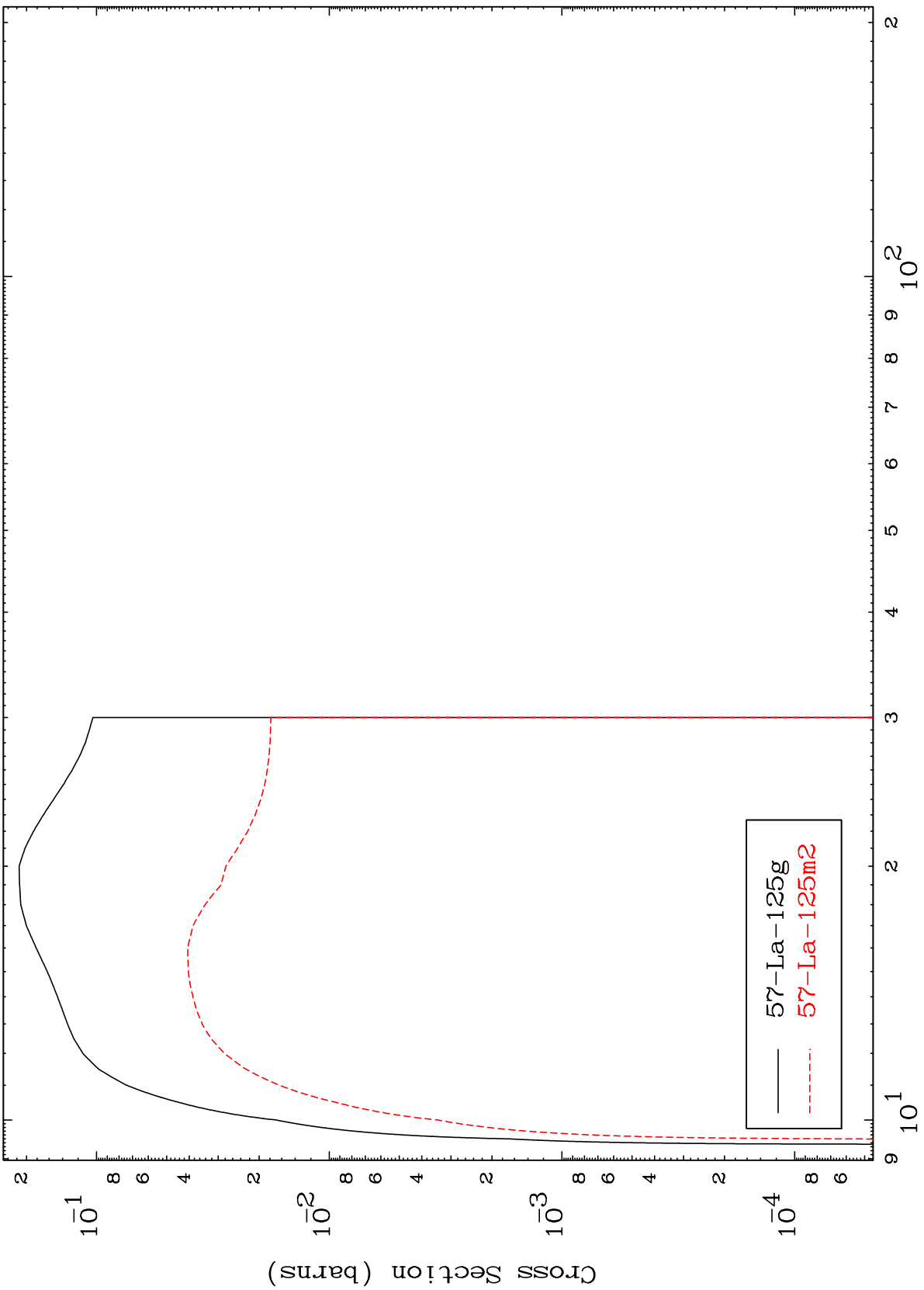
57-La-126



MAT 5689

57-La-126

(n,2n)  
Radionuclide Production Cross Section



57-La-126

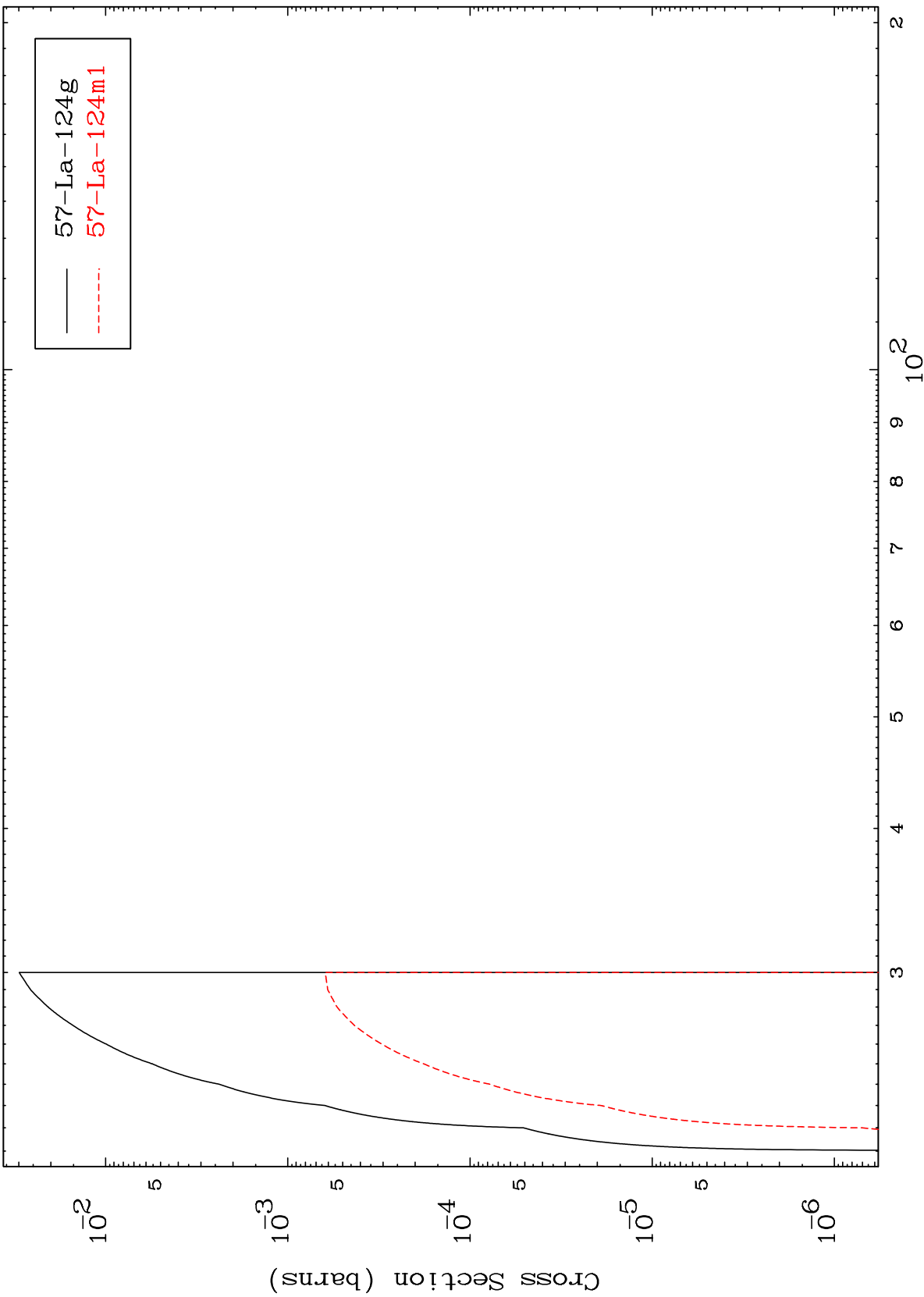
Incident Energy (MeV)

104

MAT 5689

57-La-126

(n,3n)  
Radionuclide Production Cross Section



105

Incident Energy (MeV)

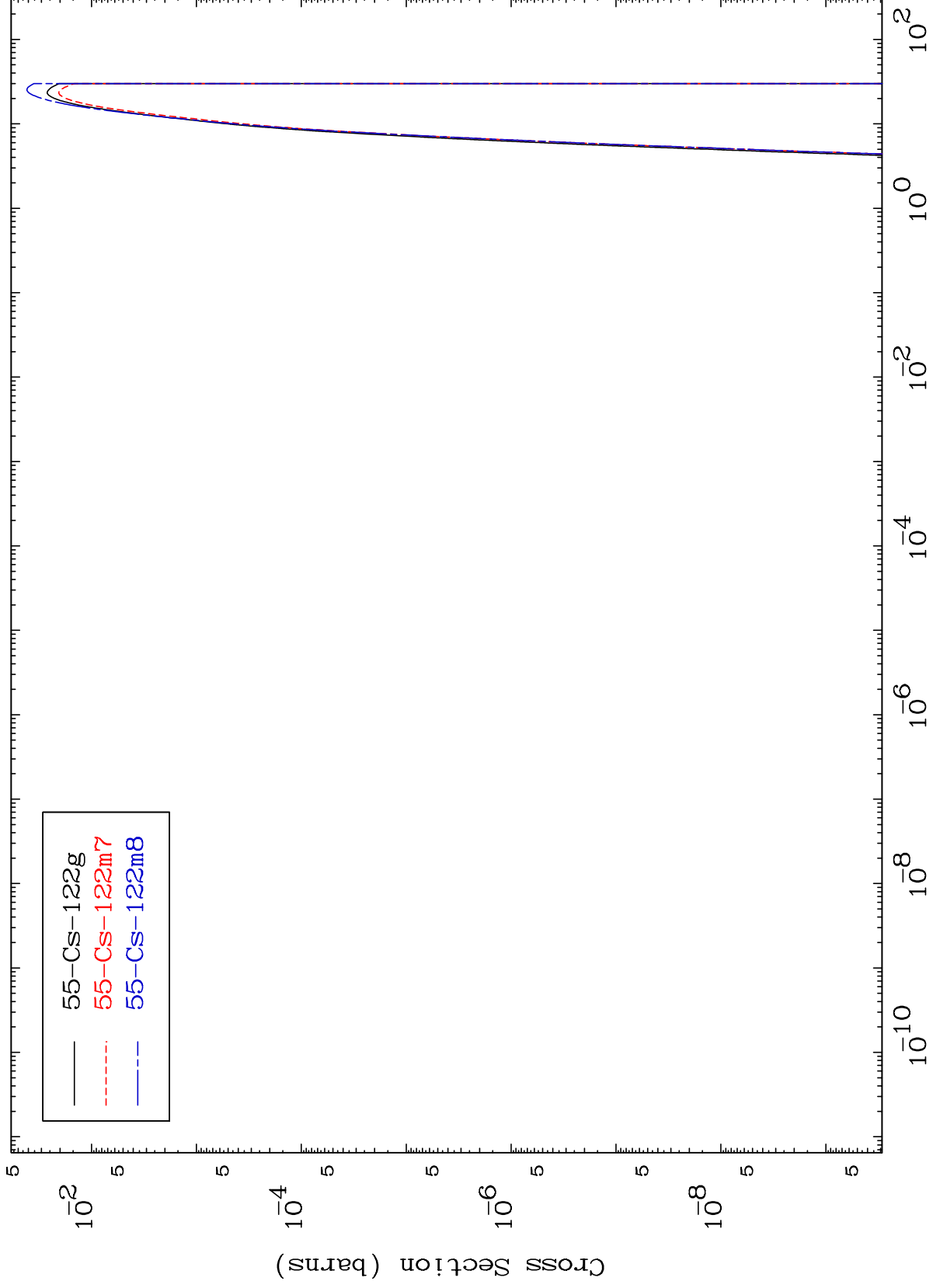
57-La-126

MAT 5689

(n,n')  $\alpha$

57-La-126

Radionuclide Production Cross Section



106

Incident Energy (MeV)

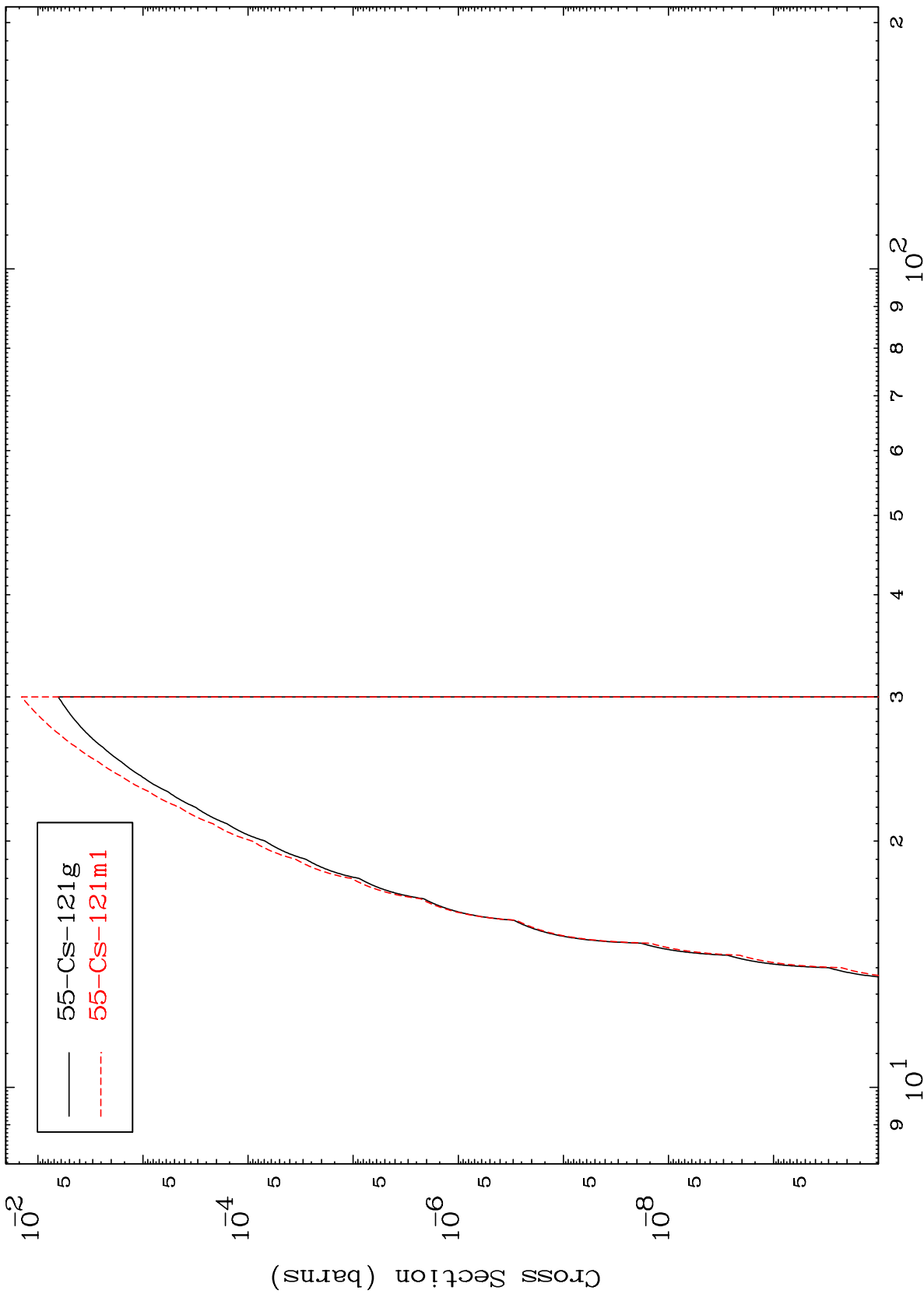
57-La-126

MAT 5689

(n,2n)  $\alpha$

57-La-126

Radionuclide Production Cross Section



107

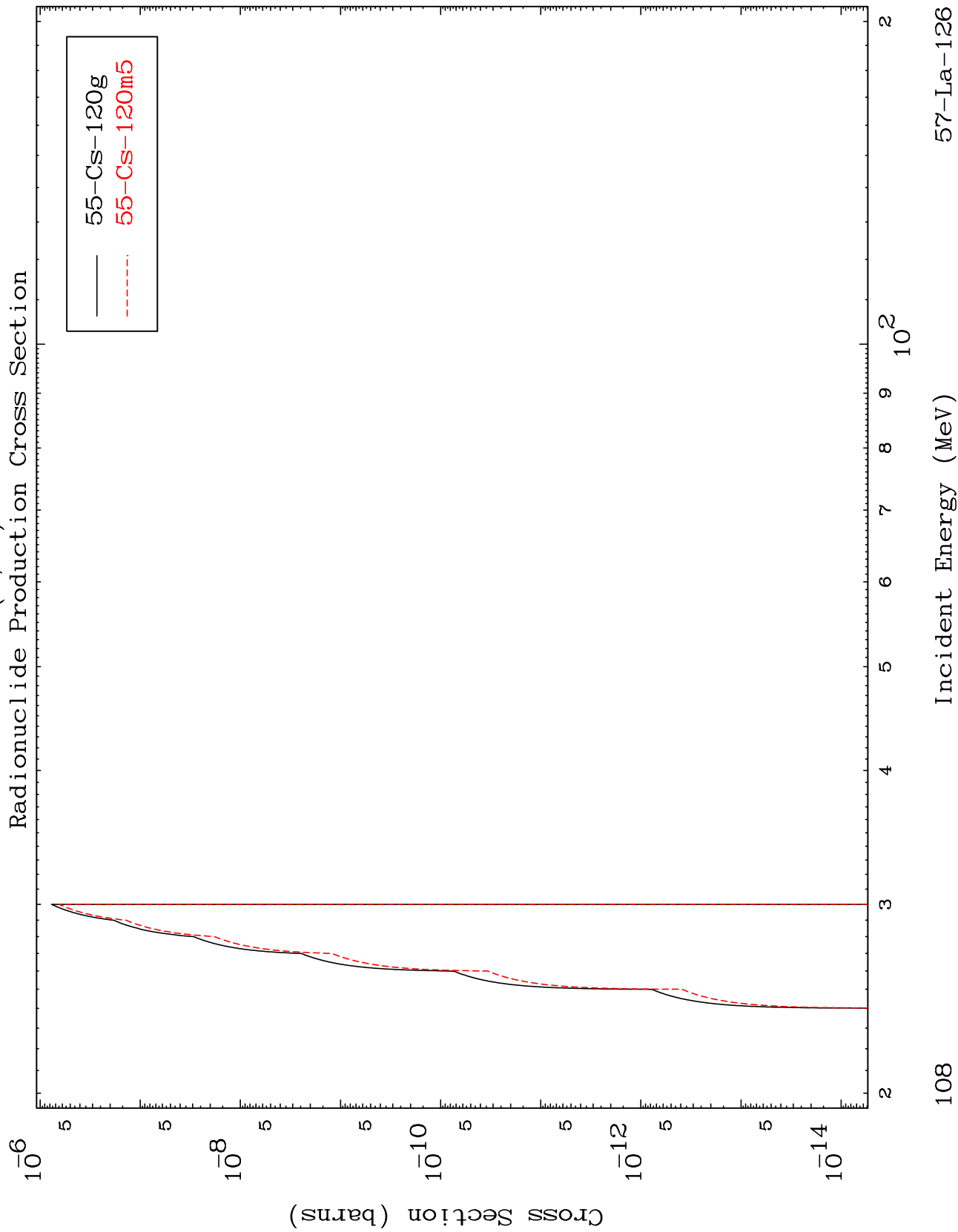
Incident Energy (MeV)

57-La-126

MAT 5689

(n,3n)  $\alpha$

57-La-126



108

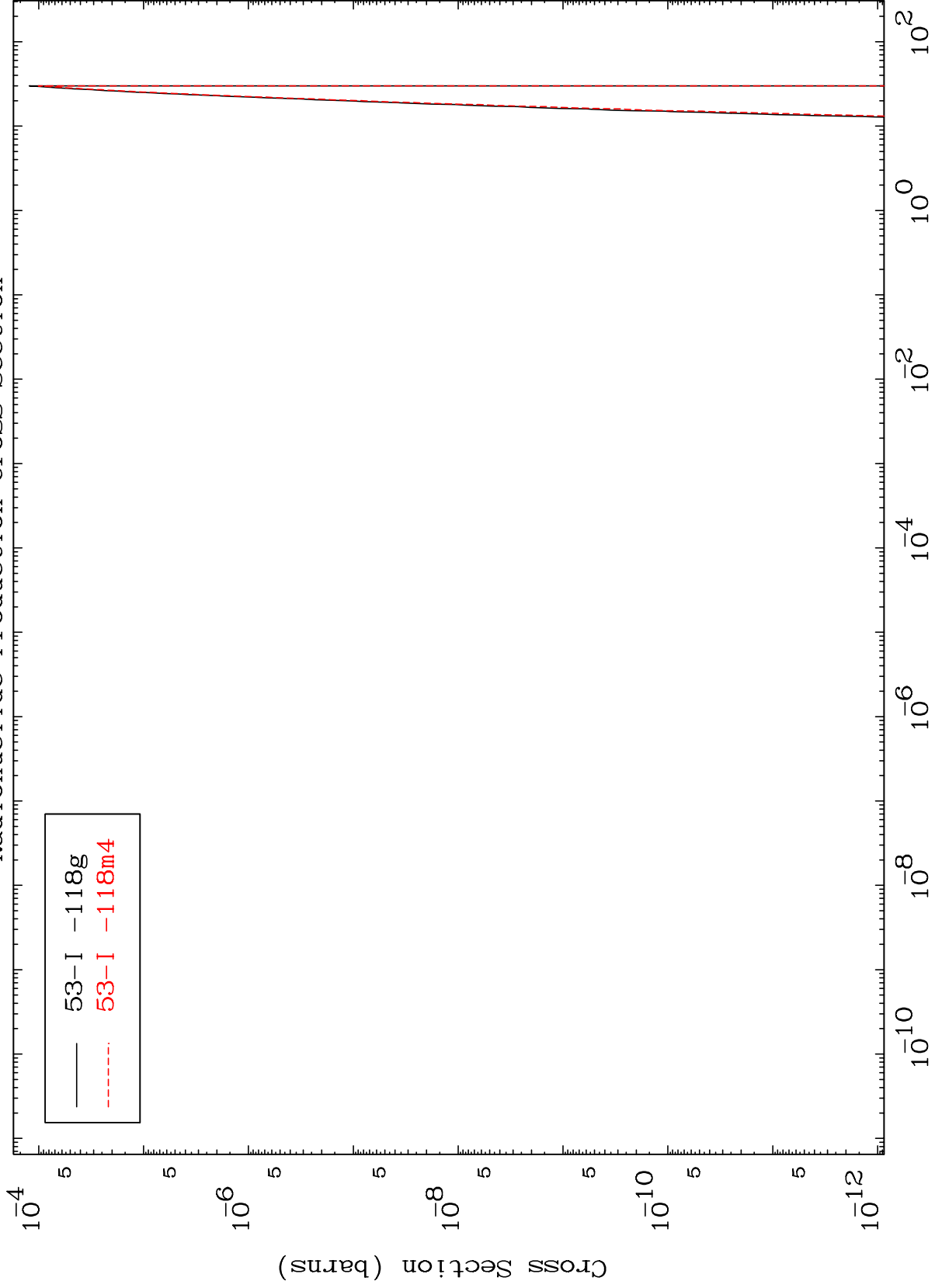
57-La-126

MAT 5689

(n,n') 2 $\alpha$

57-La-126

Radionuclide Production Cross Section



109

Incident Energy (MeV)

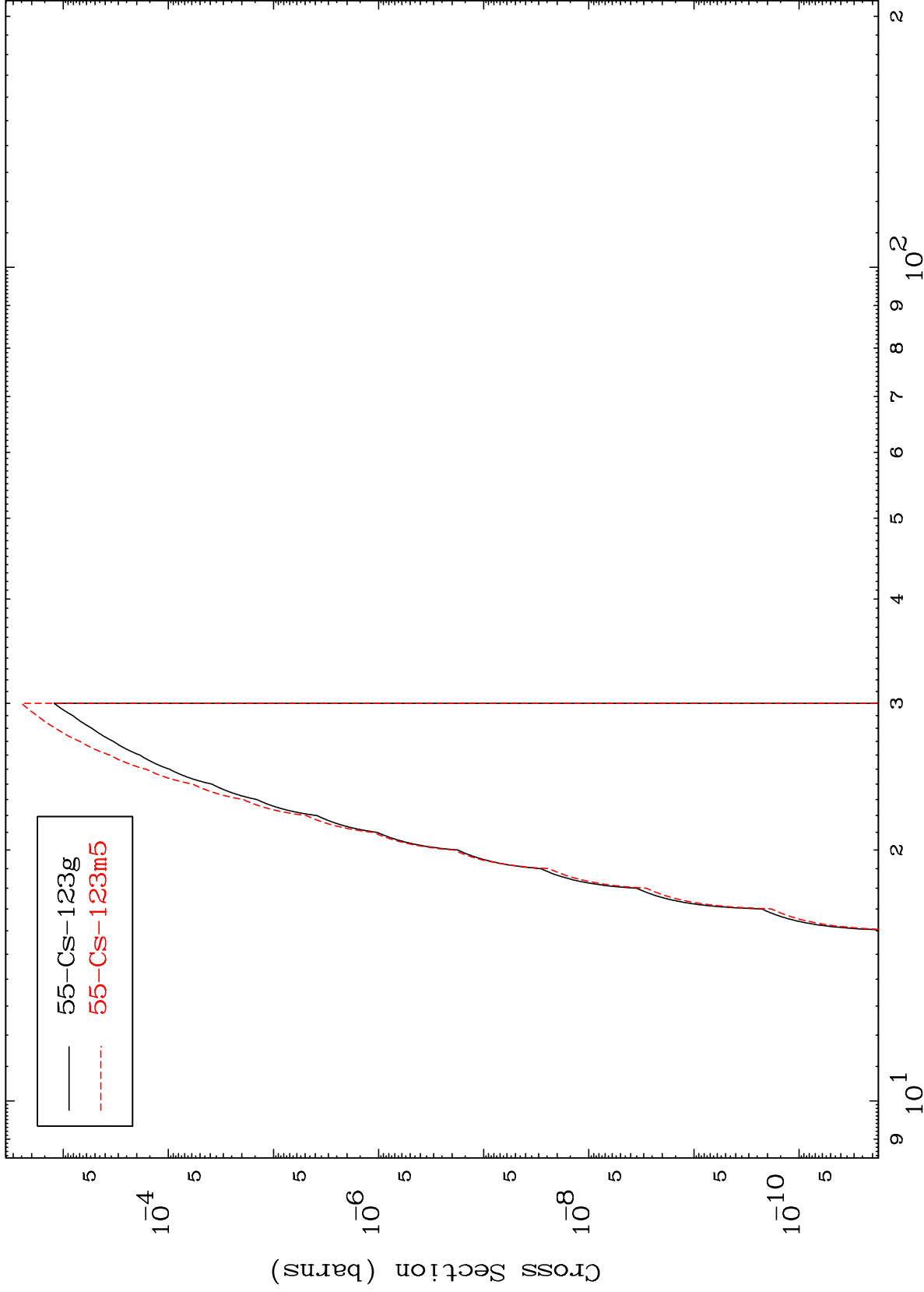
57-La-126

MAT 5689

(n,n') He-3

57-La-126

Radionuclide Production Cross Section



Incident Energy (MeV)

57-La-126

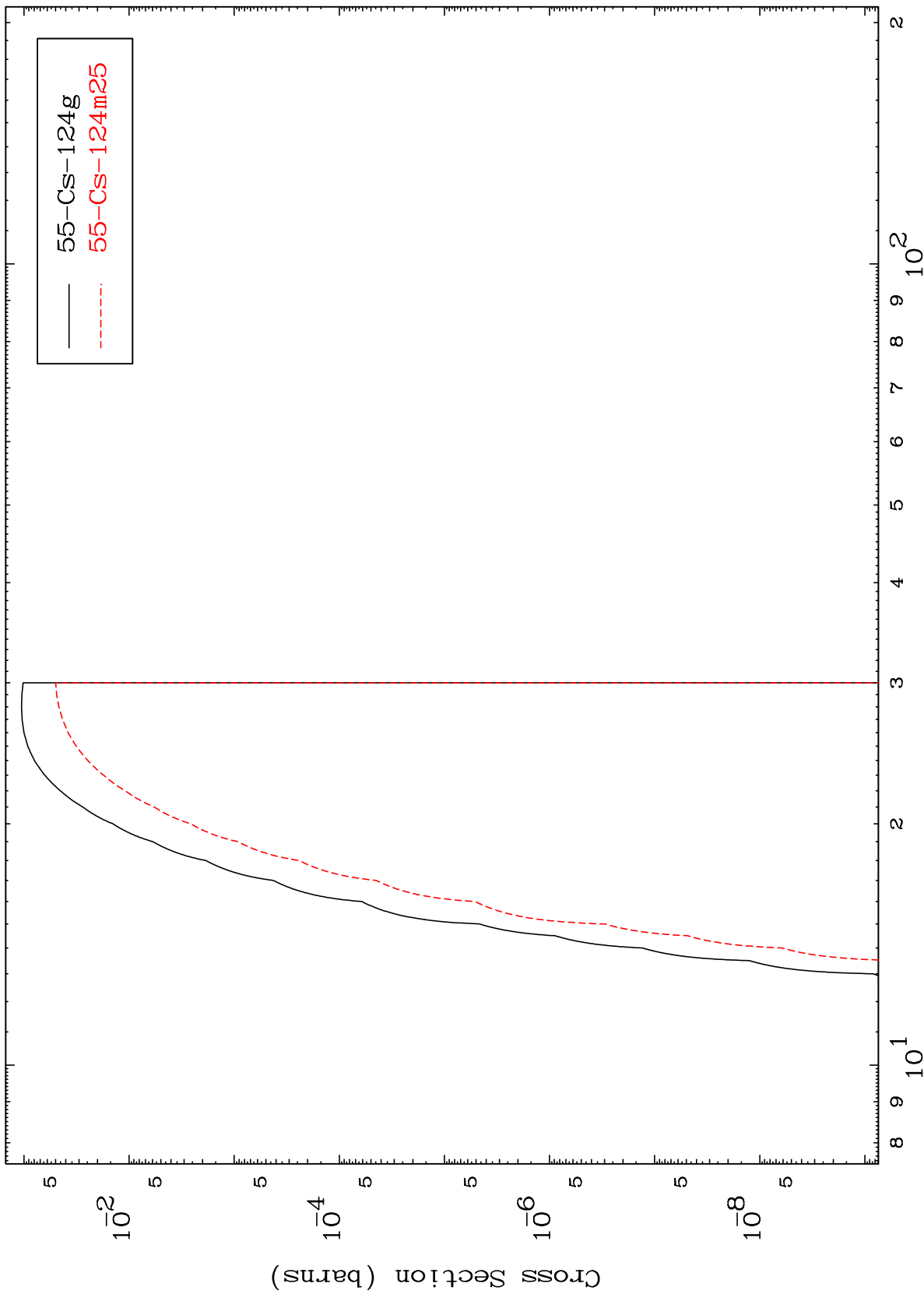
110

MAT 5689

(n,2n) p

57-La-126

Radionuclide Production Cross Section



111

Incident Energy (MeV)

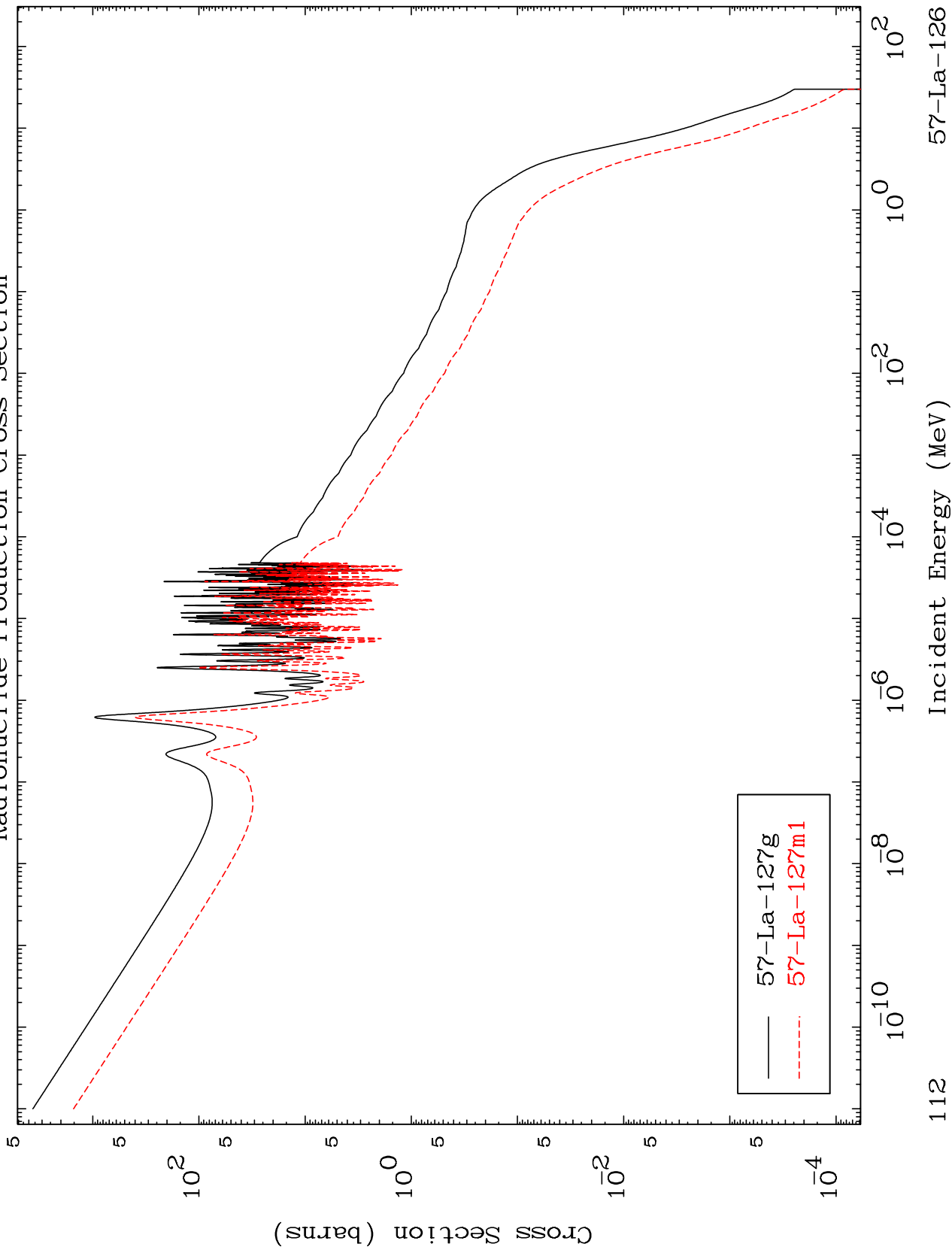
57-La-126



MAT 5689

57-La-126

(n,γ)  
Radionuclide Production Cross Section



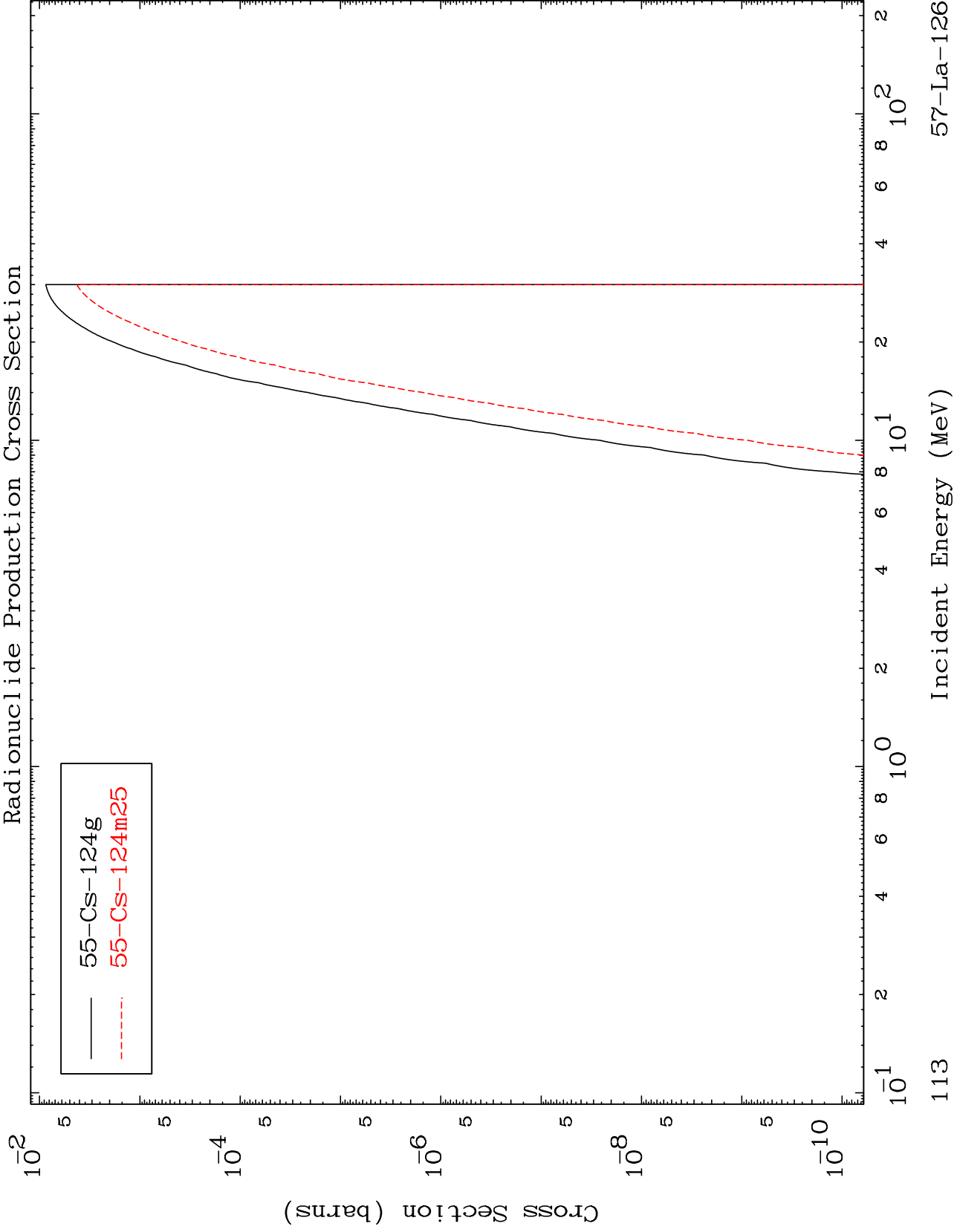
112

MAT 5689

(n,He-3)

57-La-126

Radionuclide Production Cross Section

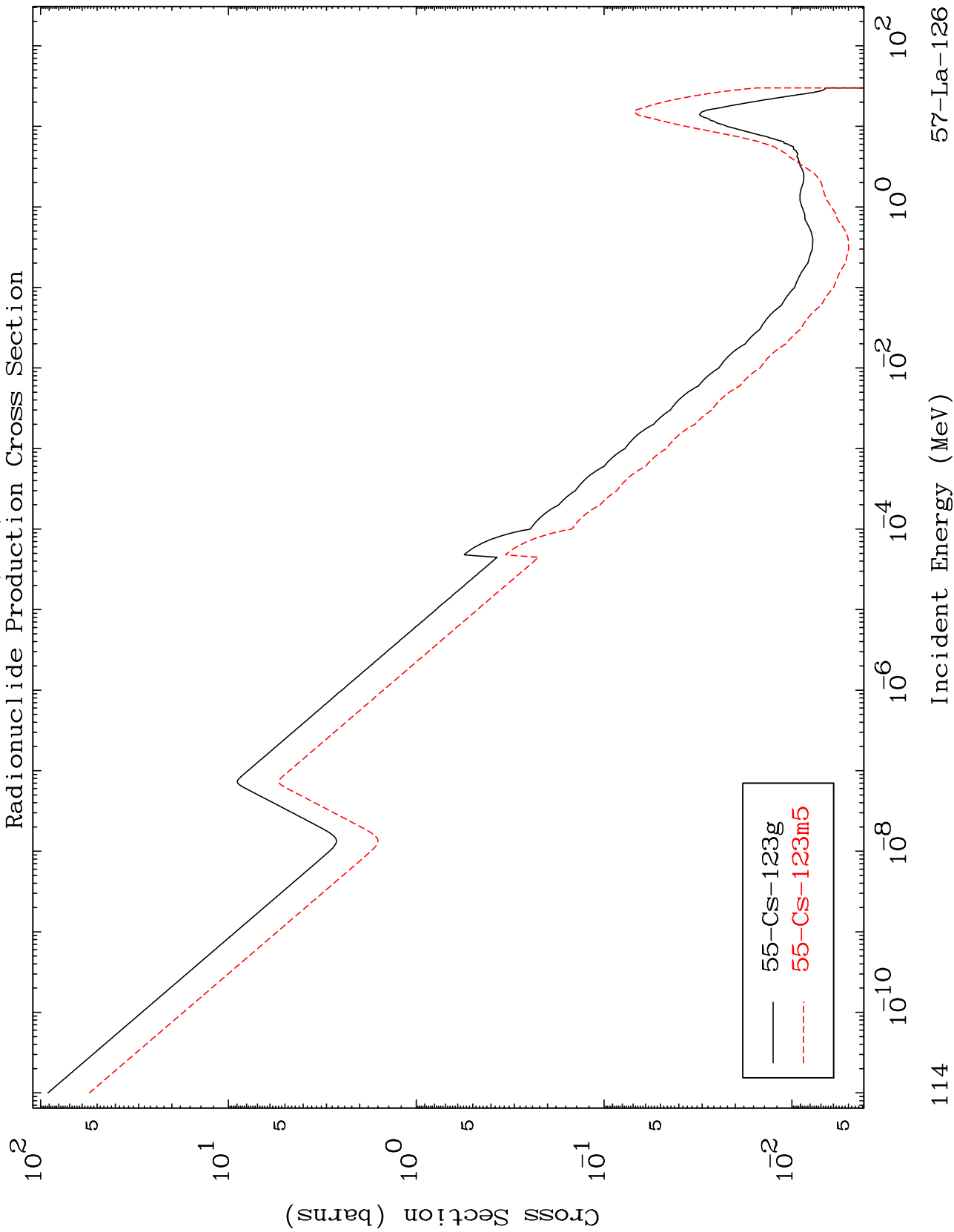


MAT 5689

57-La-126

Radionuclide Production Cross Section

(n,  $\alpha$ )



57-La-126

Incident Energy (MeV)

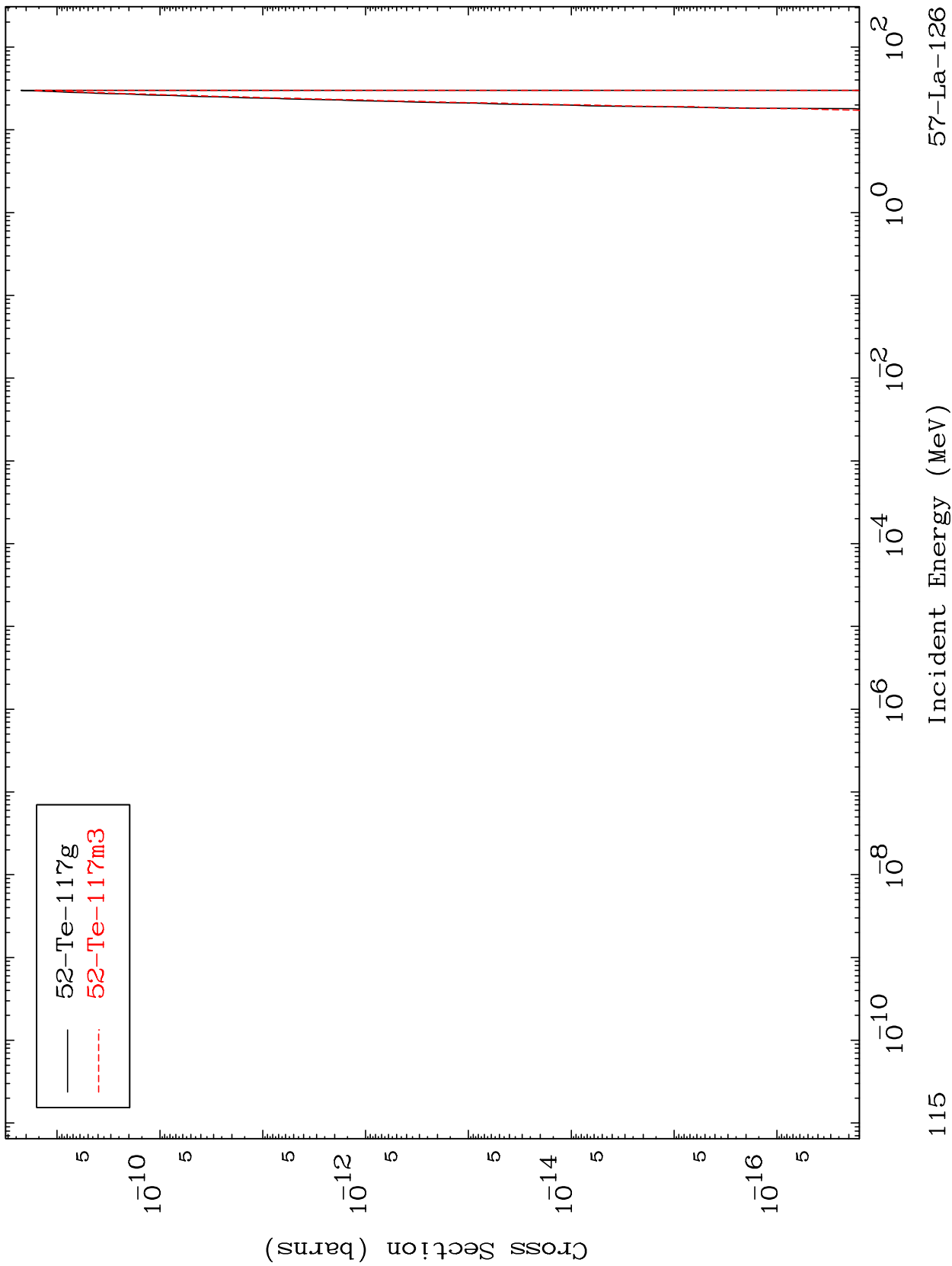
114

MAT 5689

(n,d)  $2\alpha$

57-La-126

Radionuclide Production Cross Section



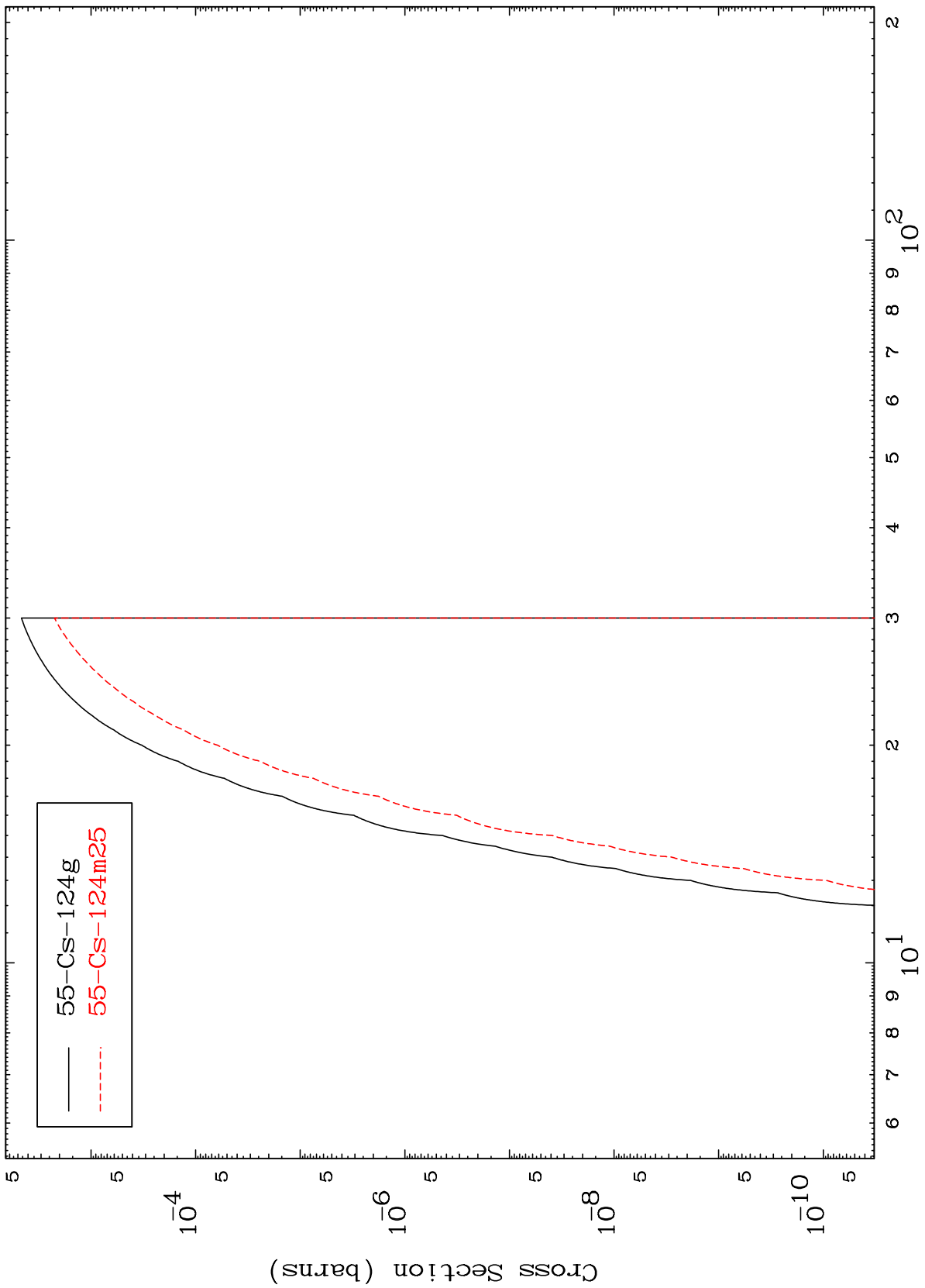
115

MAT 5689

(n,p) d

57-La-126

Radionuclide Production Cross Section



55-Cs-124g  
55-Cs-124m25

116

Incident Energy (MeV)

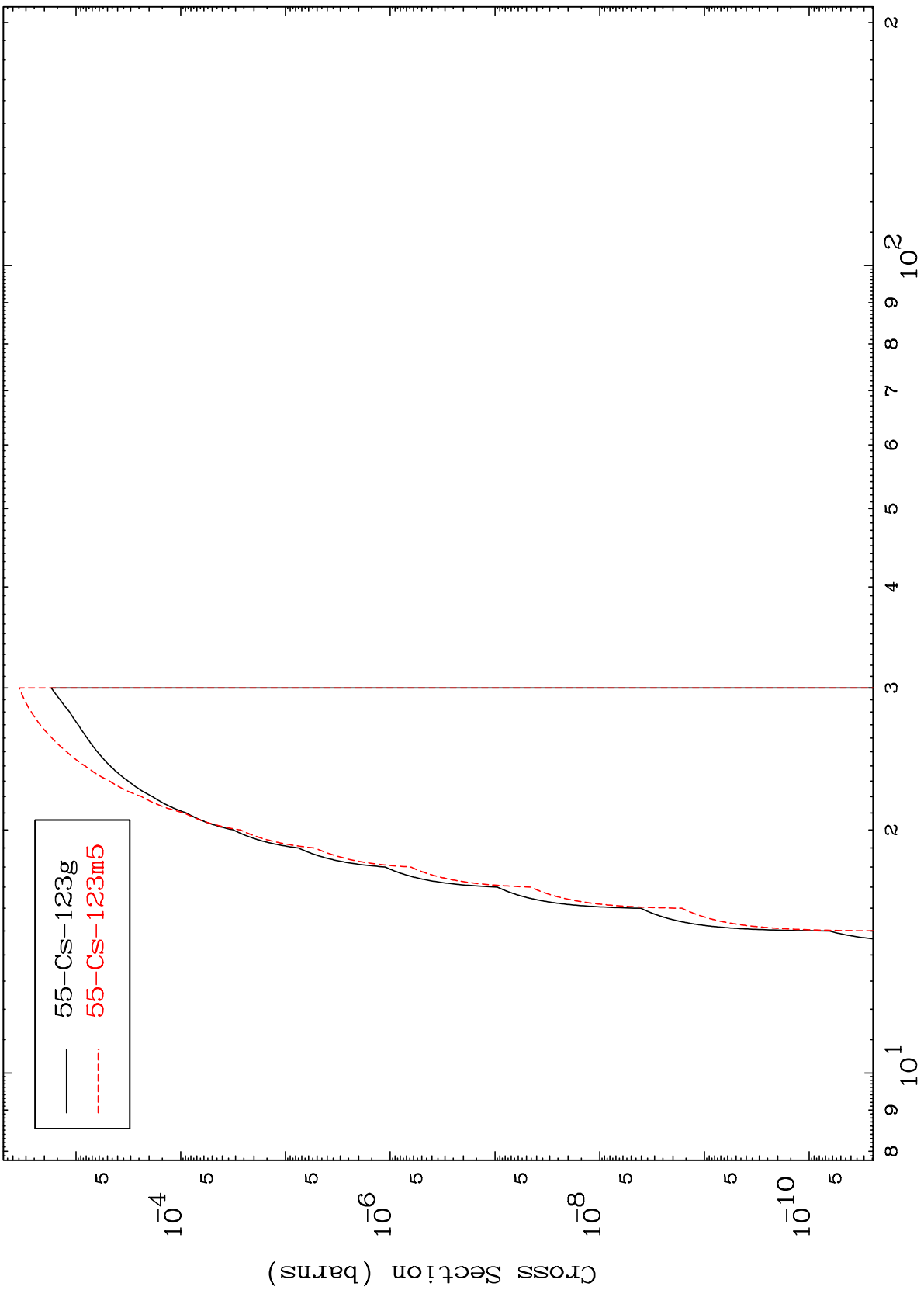
57-La-126

MAT 5689

(n,p) t

57-La-126

Radionuclide Production Cross Section



117

Incident Energy (MeV)

57-La-126