

Program EVALPLOT
(Version 2015-2)

by

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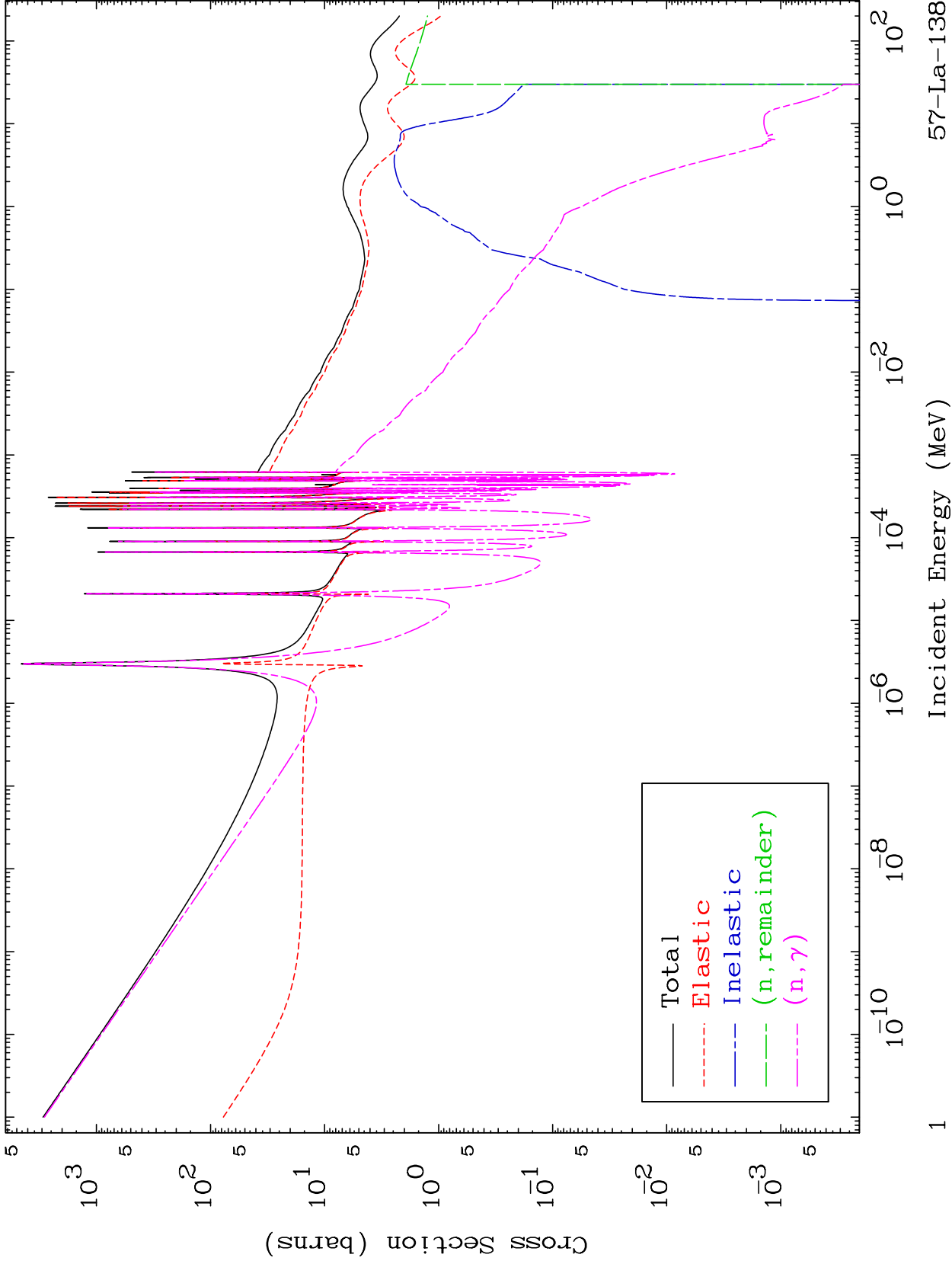
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5725

Major
293 Kelvin Cross Sections

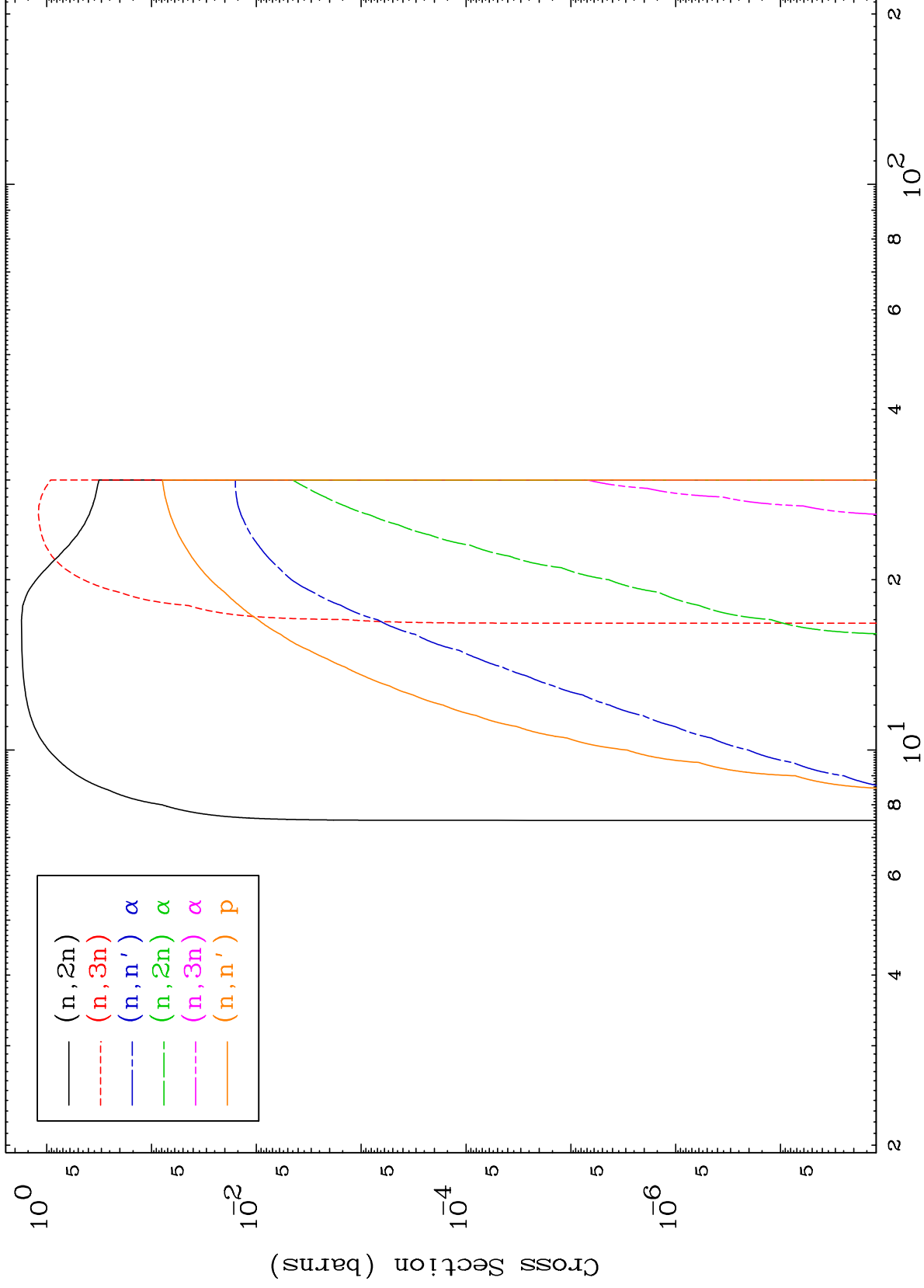
57-La-138



MAT 5725

Neutron Production
293 Kelvin Cross Sections

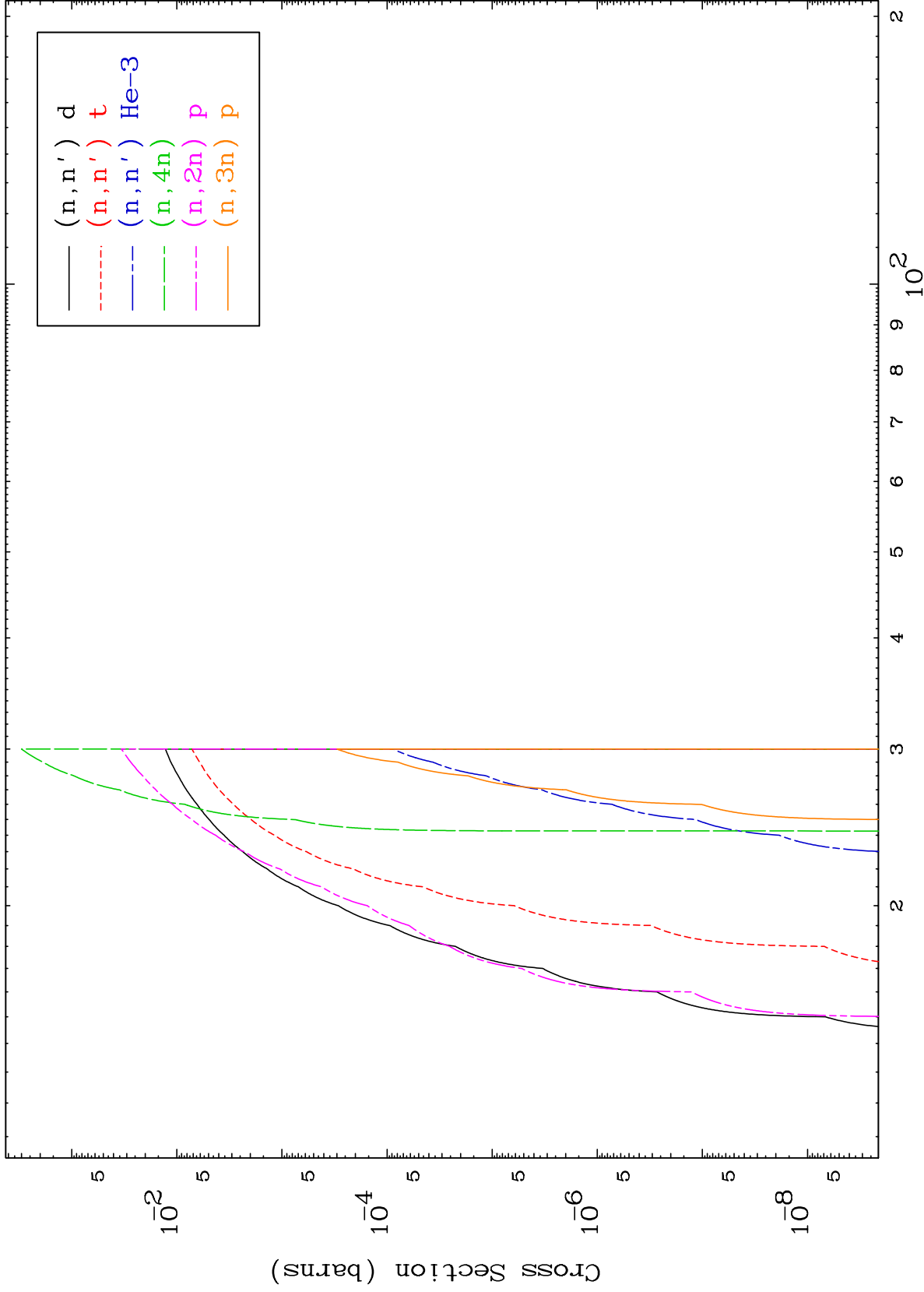
57-La-138

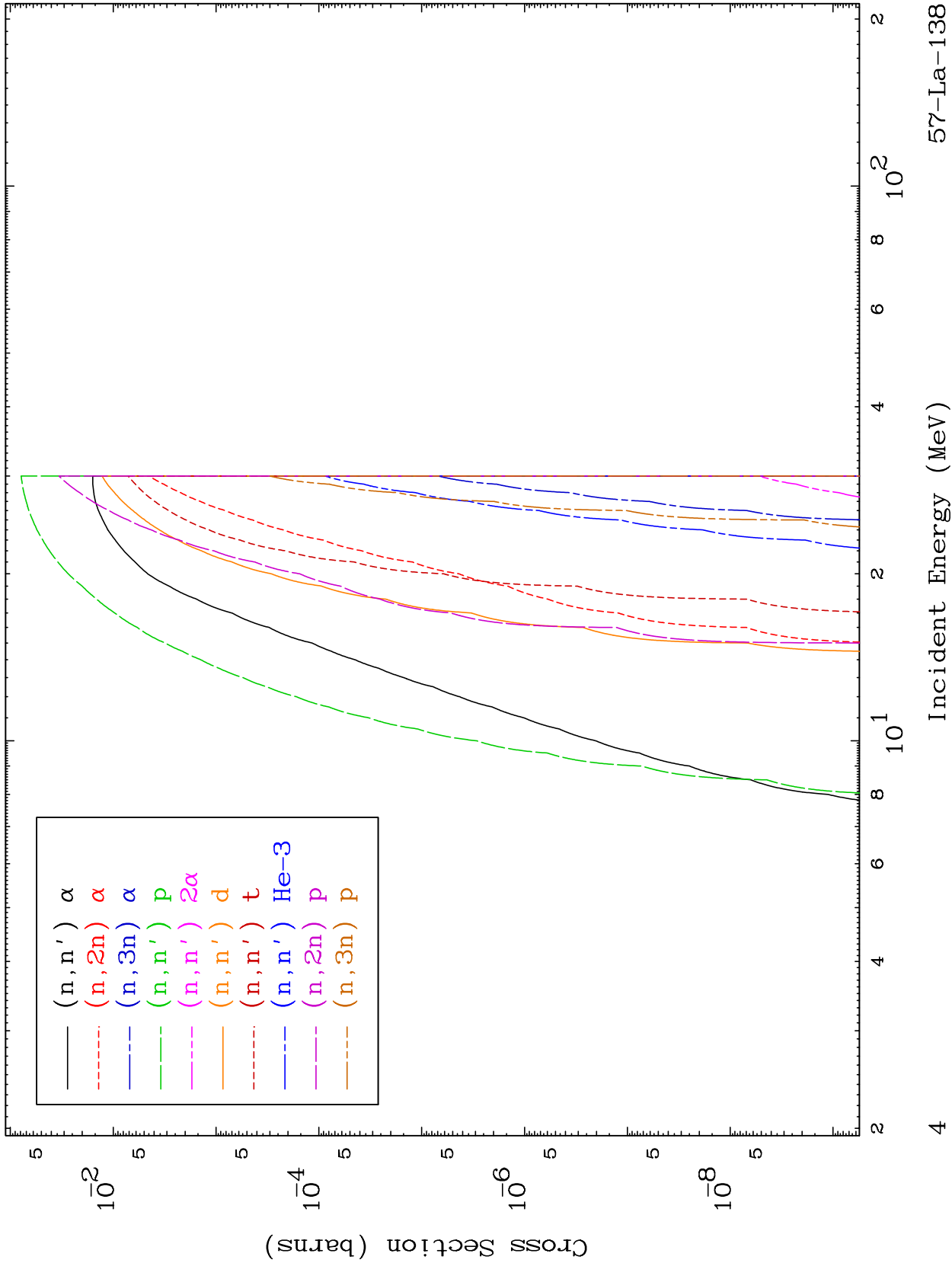


57-La-138

Incident Energy (MeV)

2

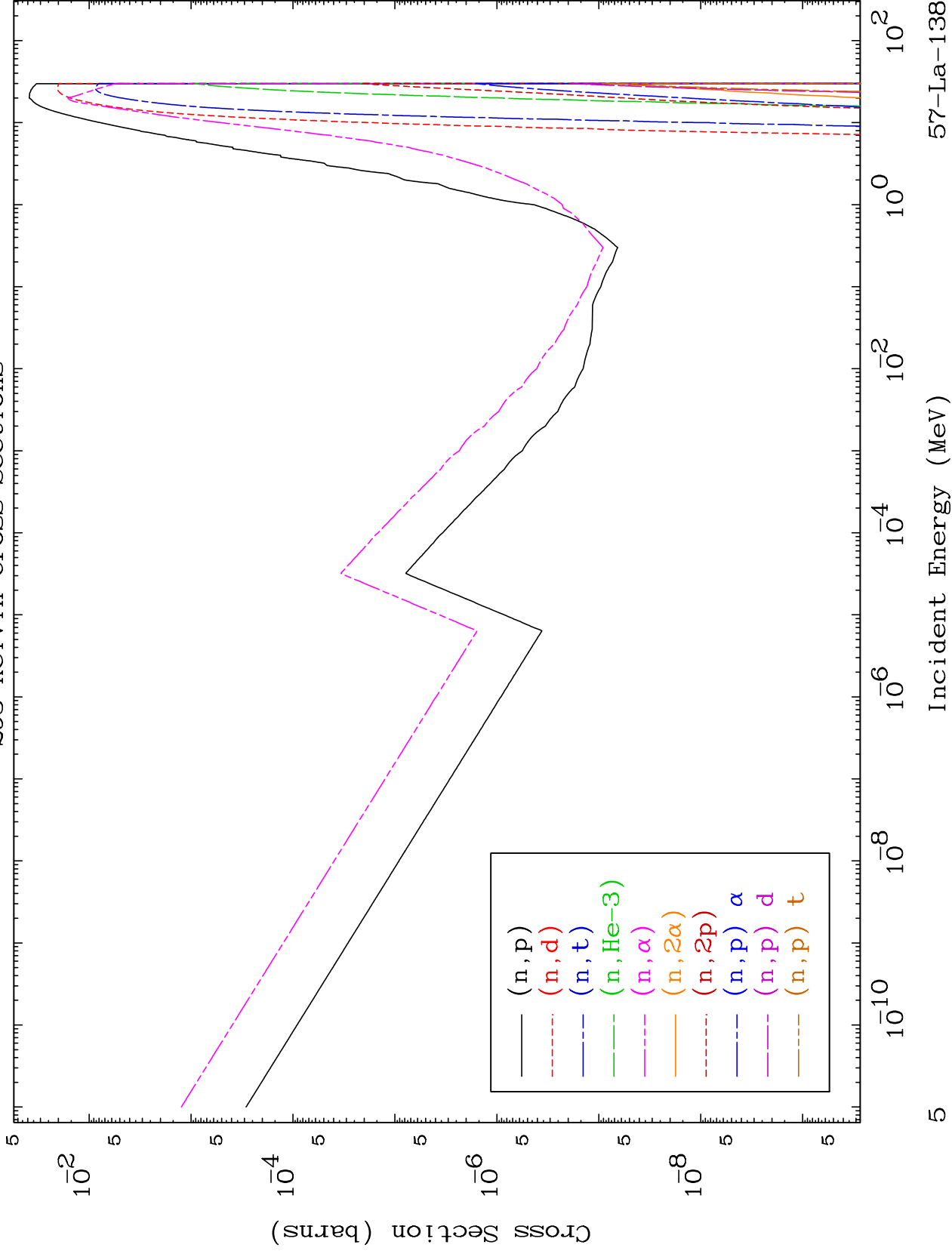




MAT 5725

Charged Particle
293 Kelvin Cross Sections

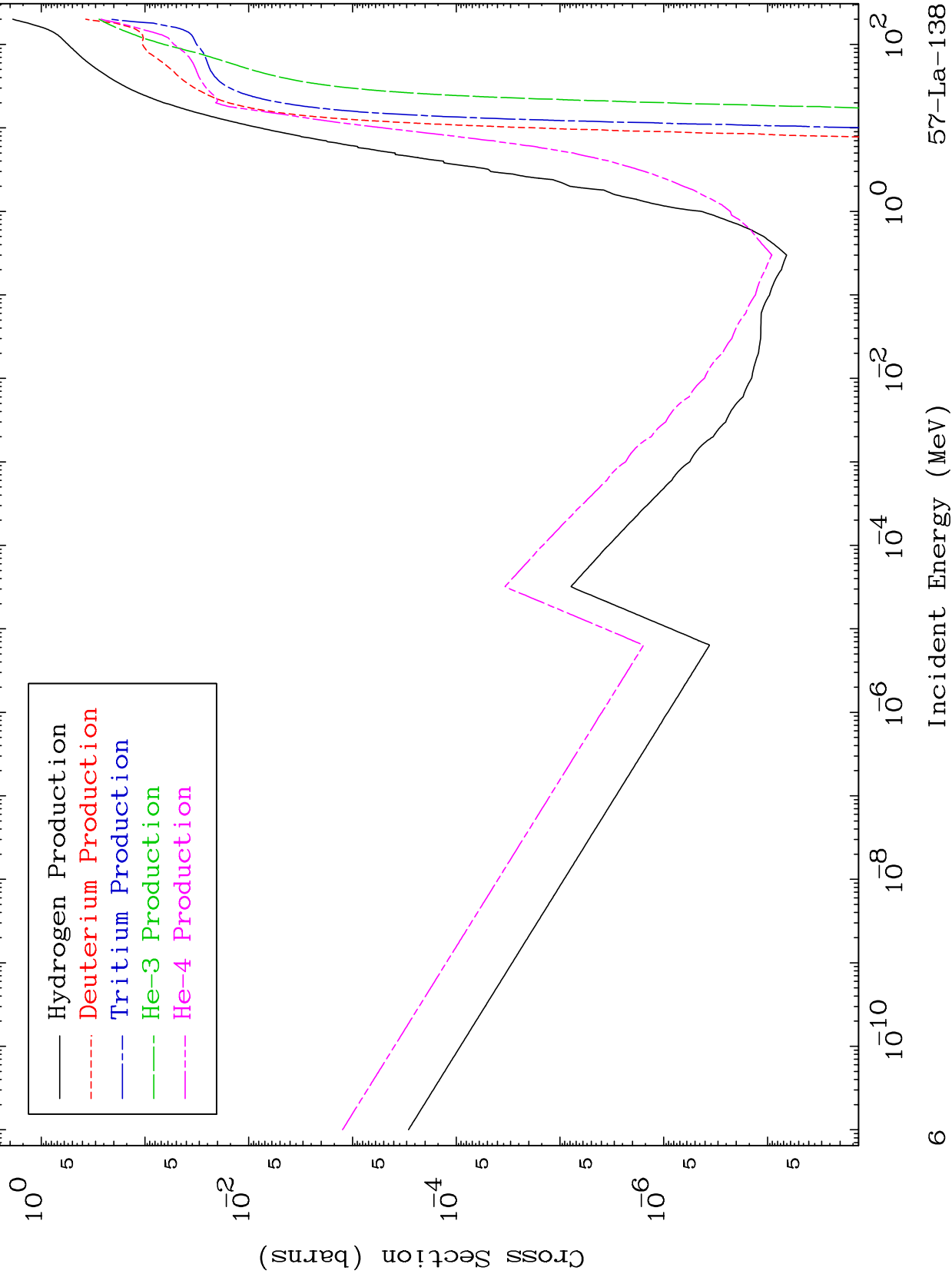
57-La-138



MAT 5725

Particle Production
293 Kelvin Cross Sections

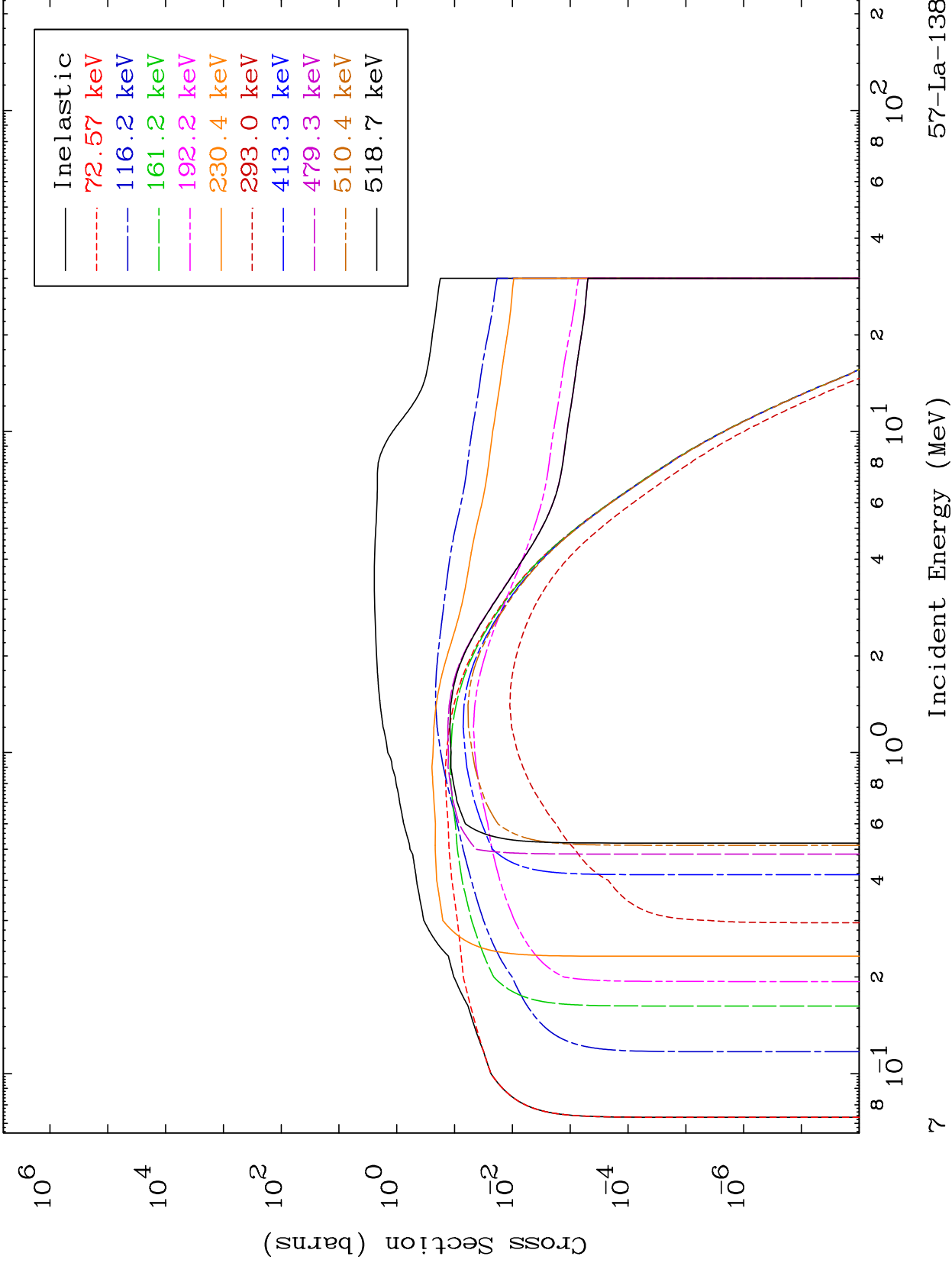
57-La-138



MAT 5725

(n,n') Level
293 Kelvin Cross Sections

57-La-138



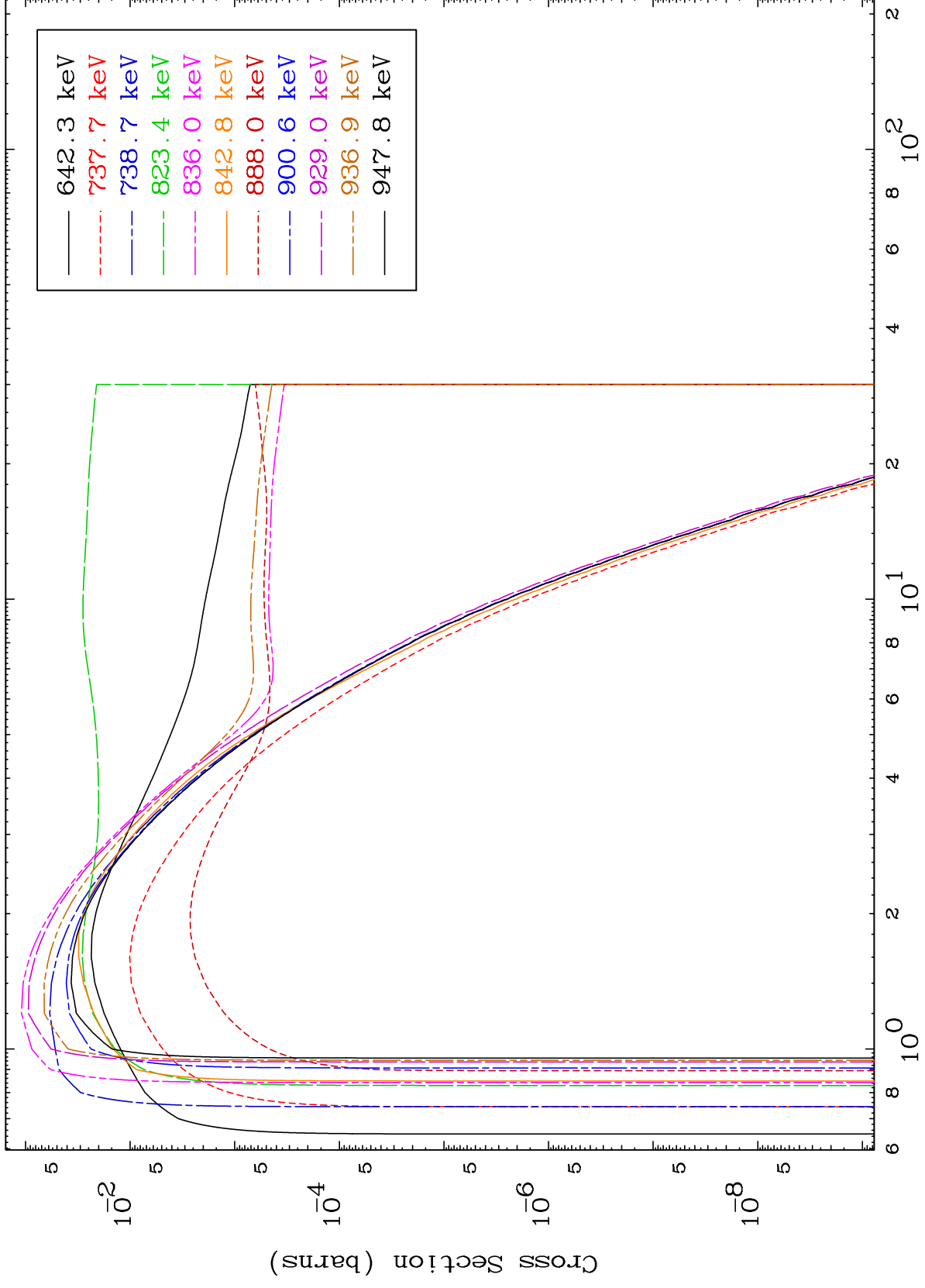
57-La-138

MAT 5725

(n,n') Level

57-La-138

293 Kelvin Cross Sections



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Incident Energy (MeV)

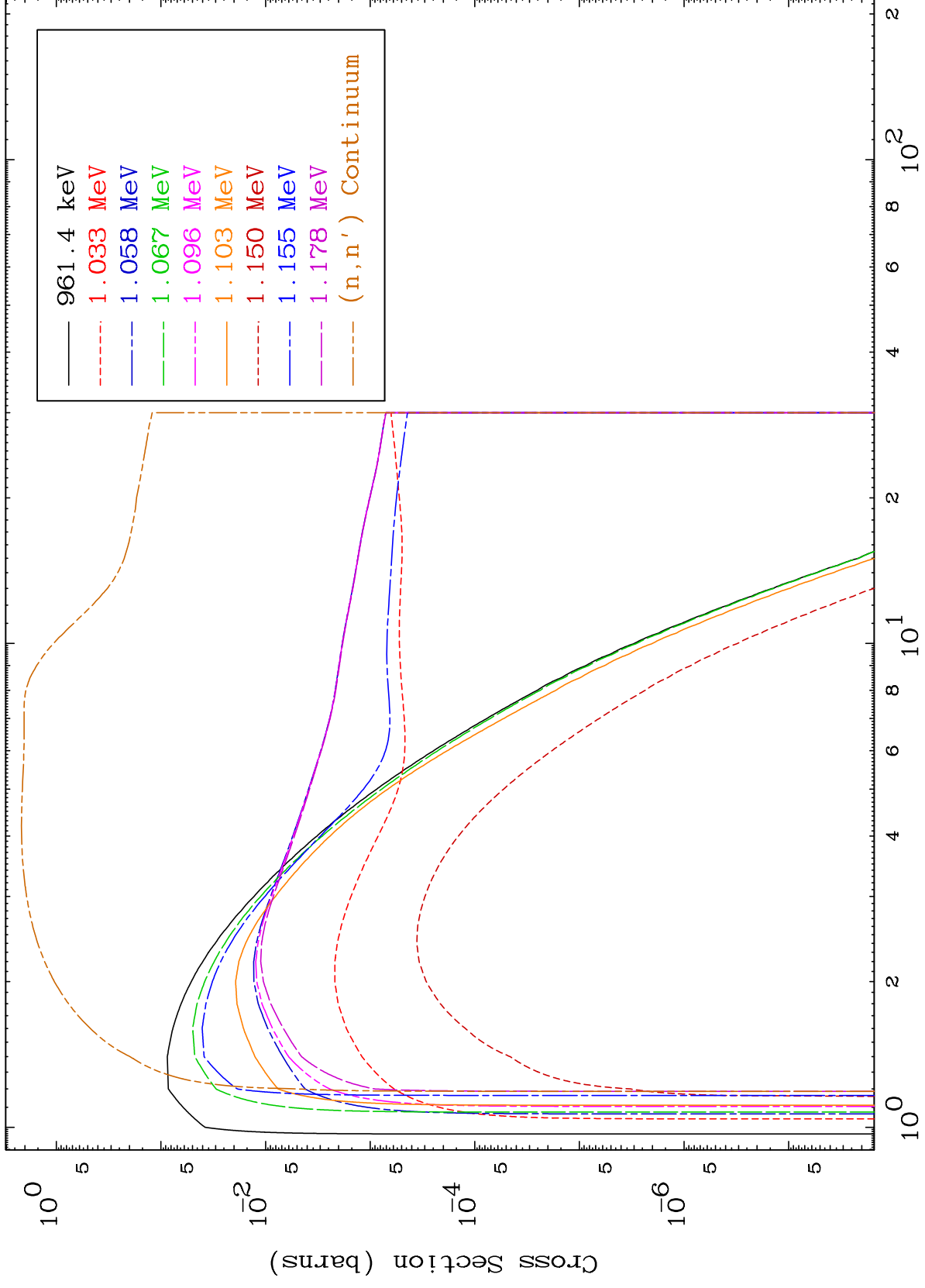
57-La-138

MAT 5725

(n,n') Level

57-La-138

293 Kelvin Cross Sections



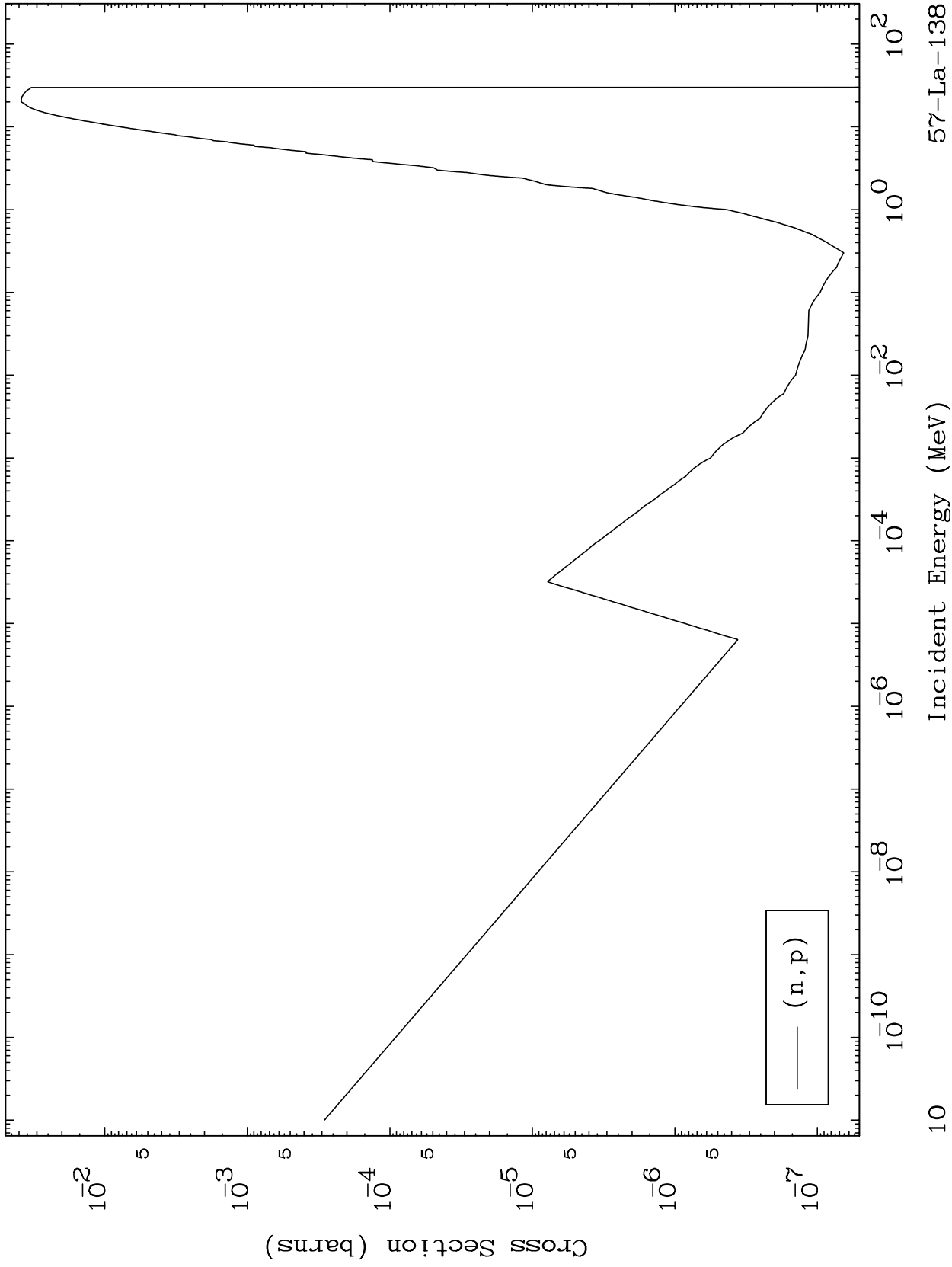
Incident Energy (MeV)

57-La-138

MAT 5725

(n,p) Levels
293 Kelvin Cross Sections

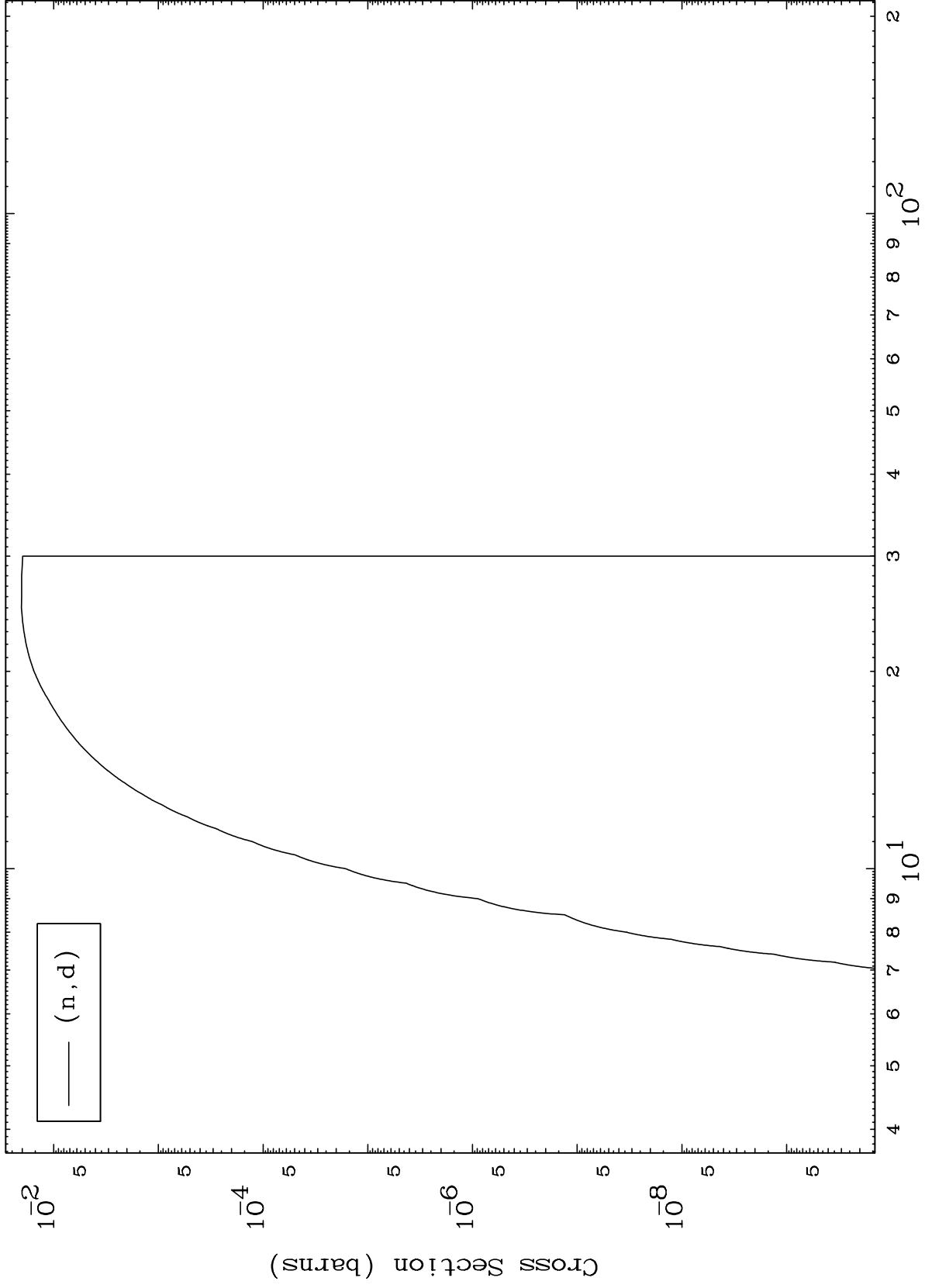
57-La-138



MAT 5725

(n,d) Levels
293 Kelvin Cross Sections

57-La-138



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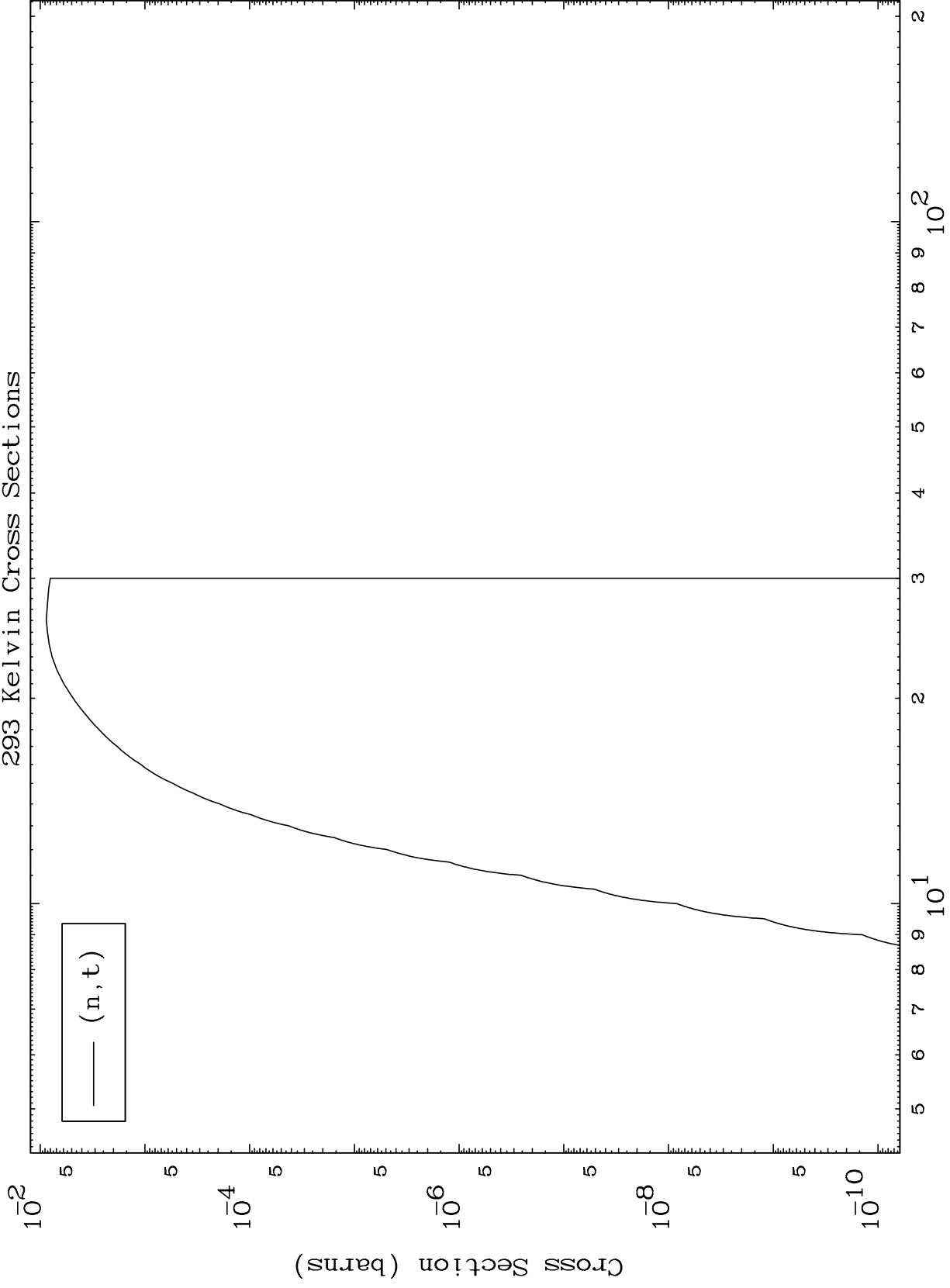
Incident Energy (MeV)

57-La-138

MAT 5725

(n,t) Levels
293 Kelvin Cross Sections

57-La-138



12

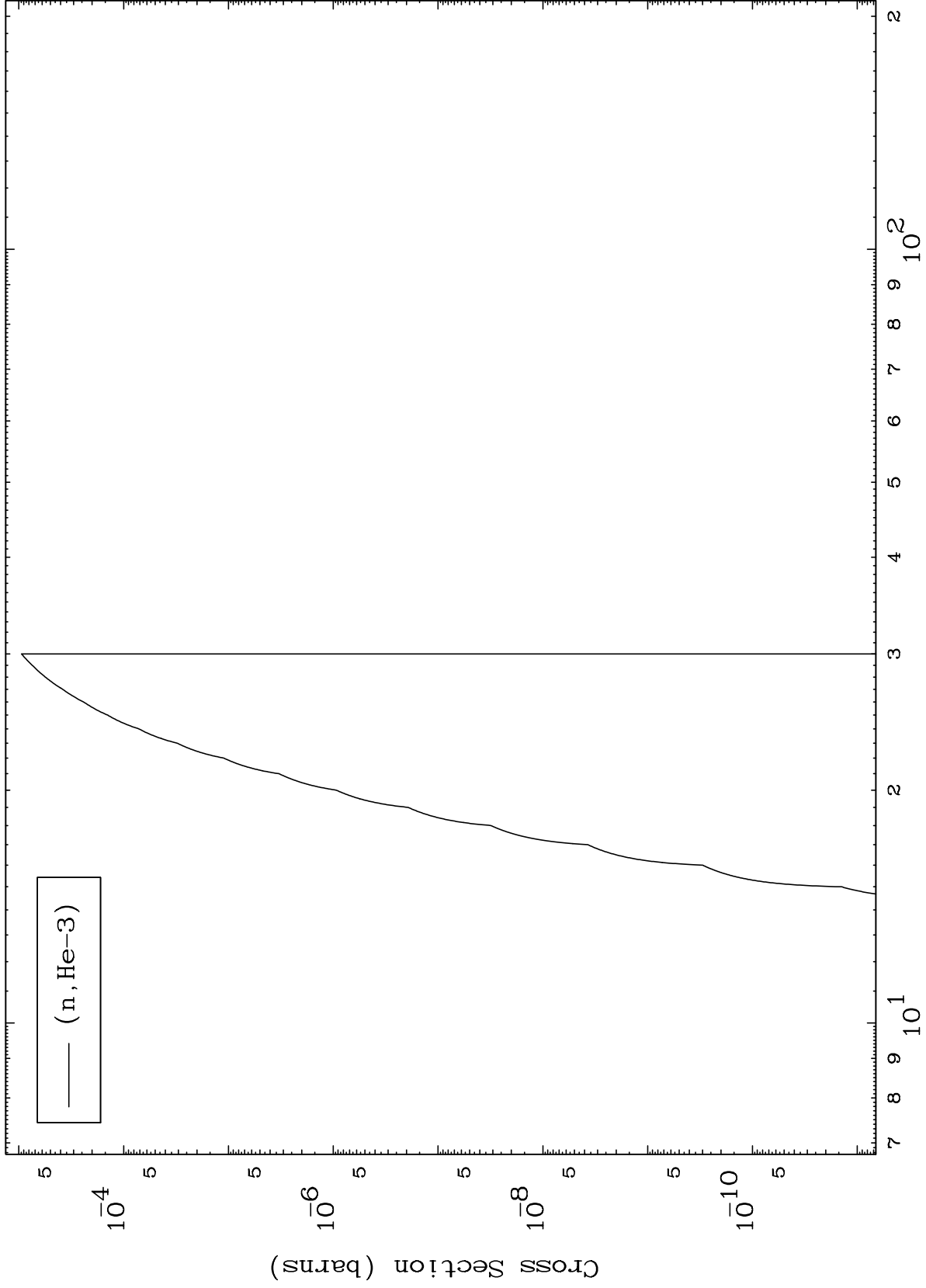
Incident Energy (MeV)

57-La-138

MAT 5725

(n,He3) Levels
293 Kelvin Cross Sections

57-La-138



13

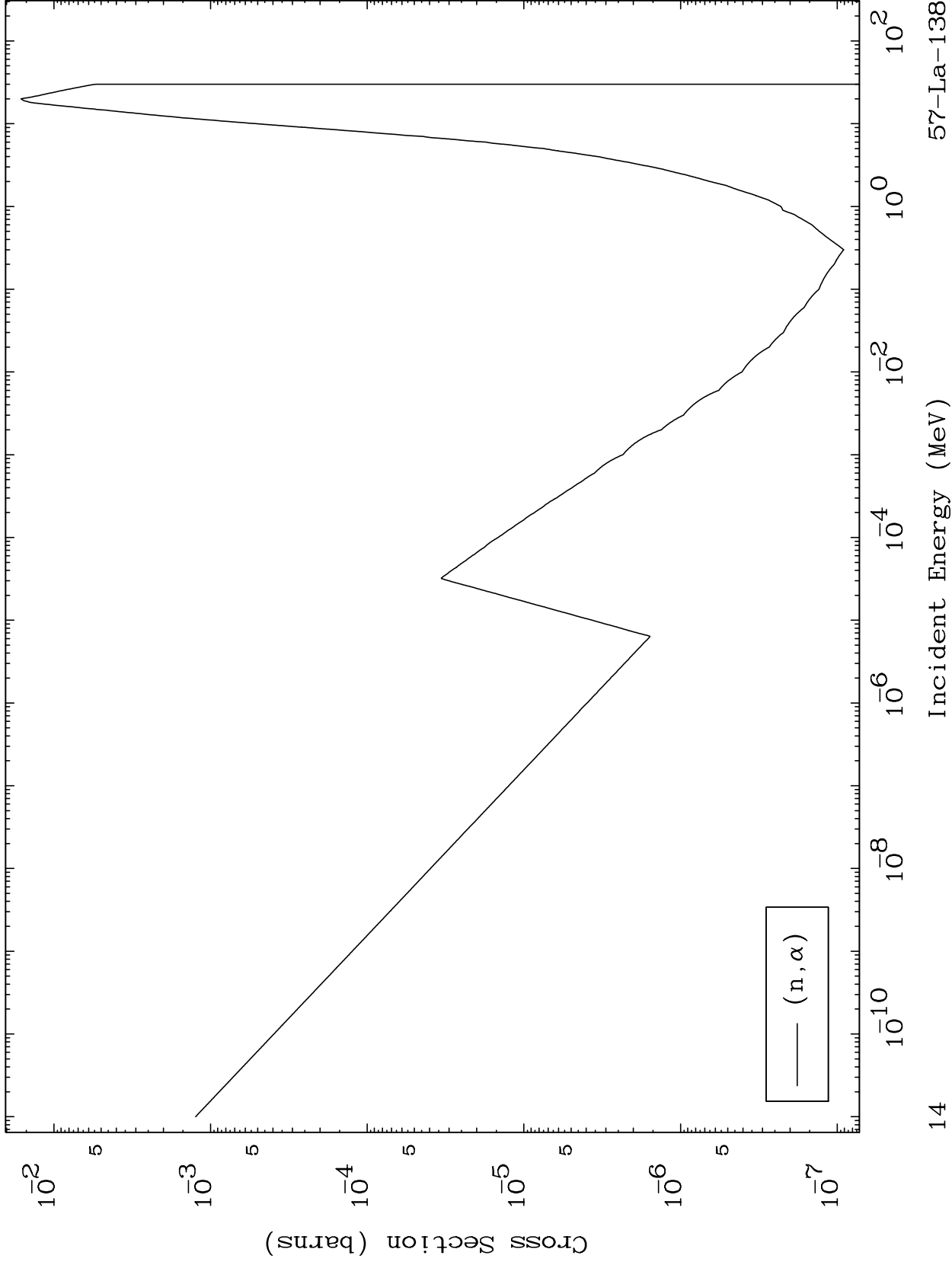
Incident Energy (MeV)

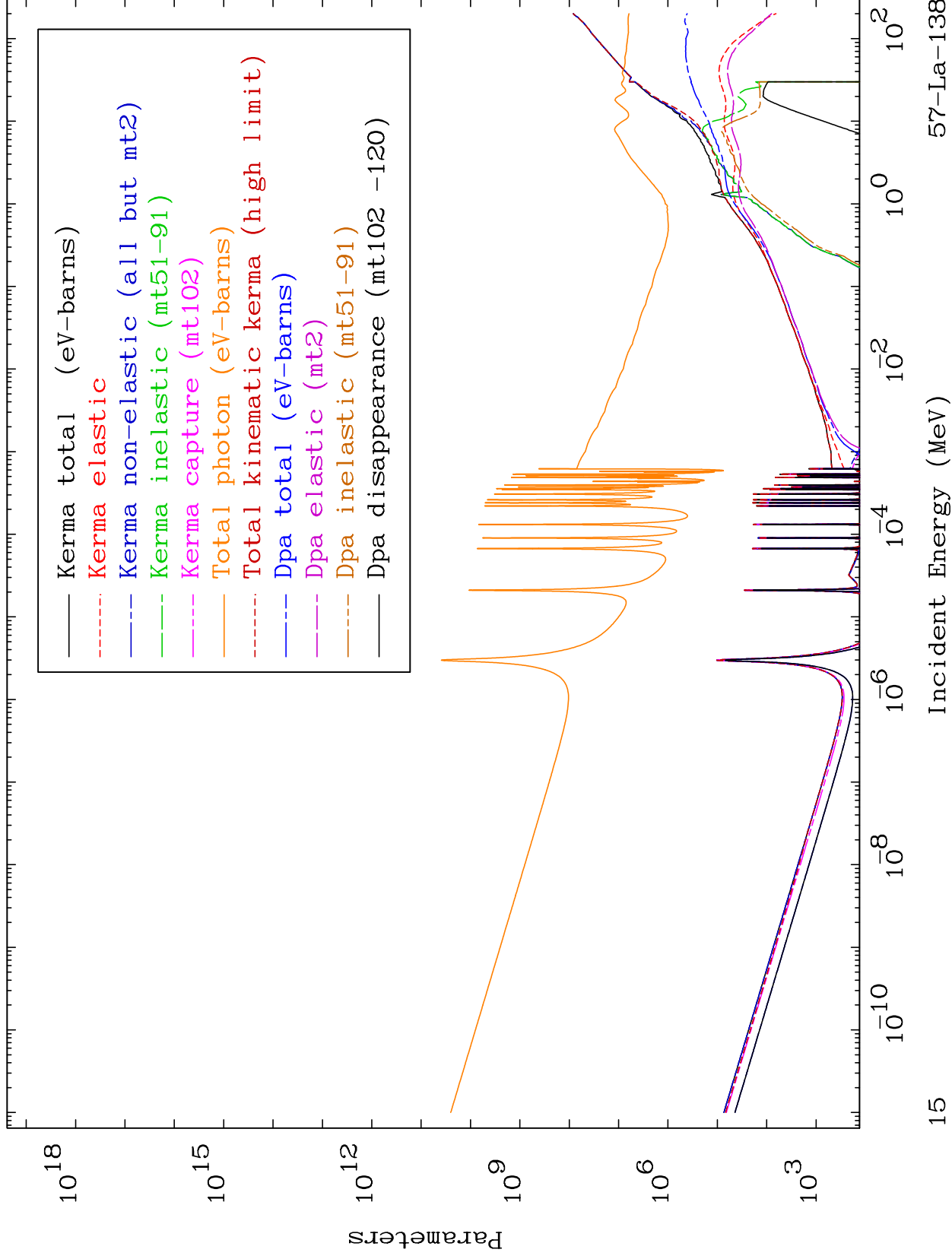
57-La-138

MAT 5725

(n, α) Levels
293 Kelvin Cross Sections

57-La-138

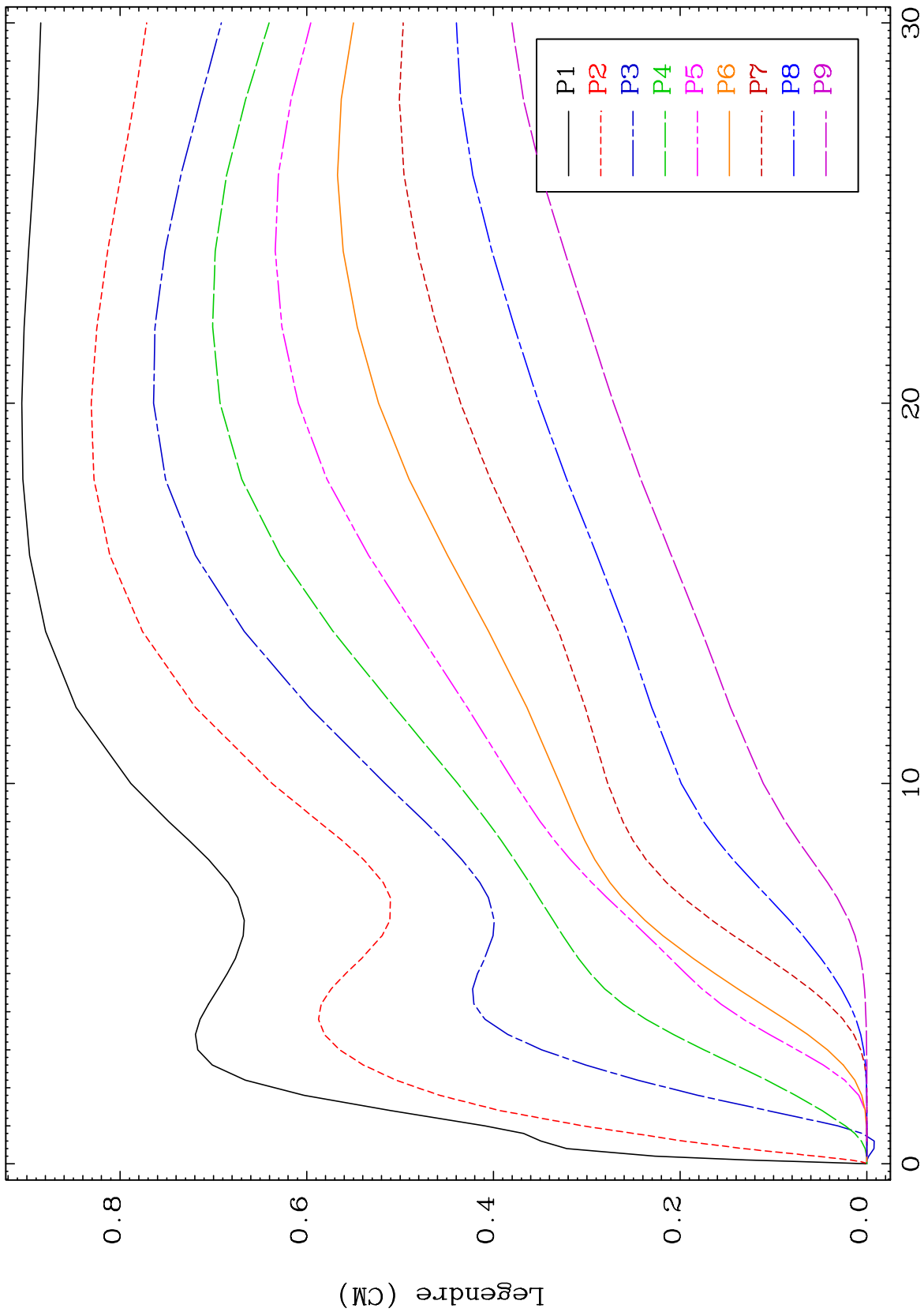




MAT 5725

57-La-138

Elastic Legendre Coefficients



57-La-138

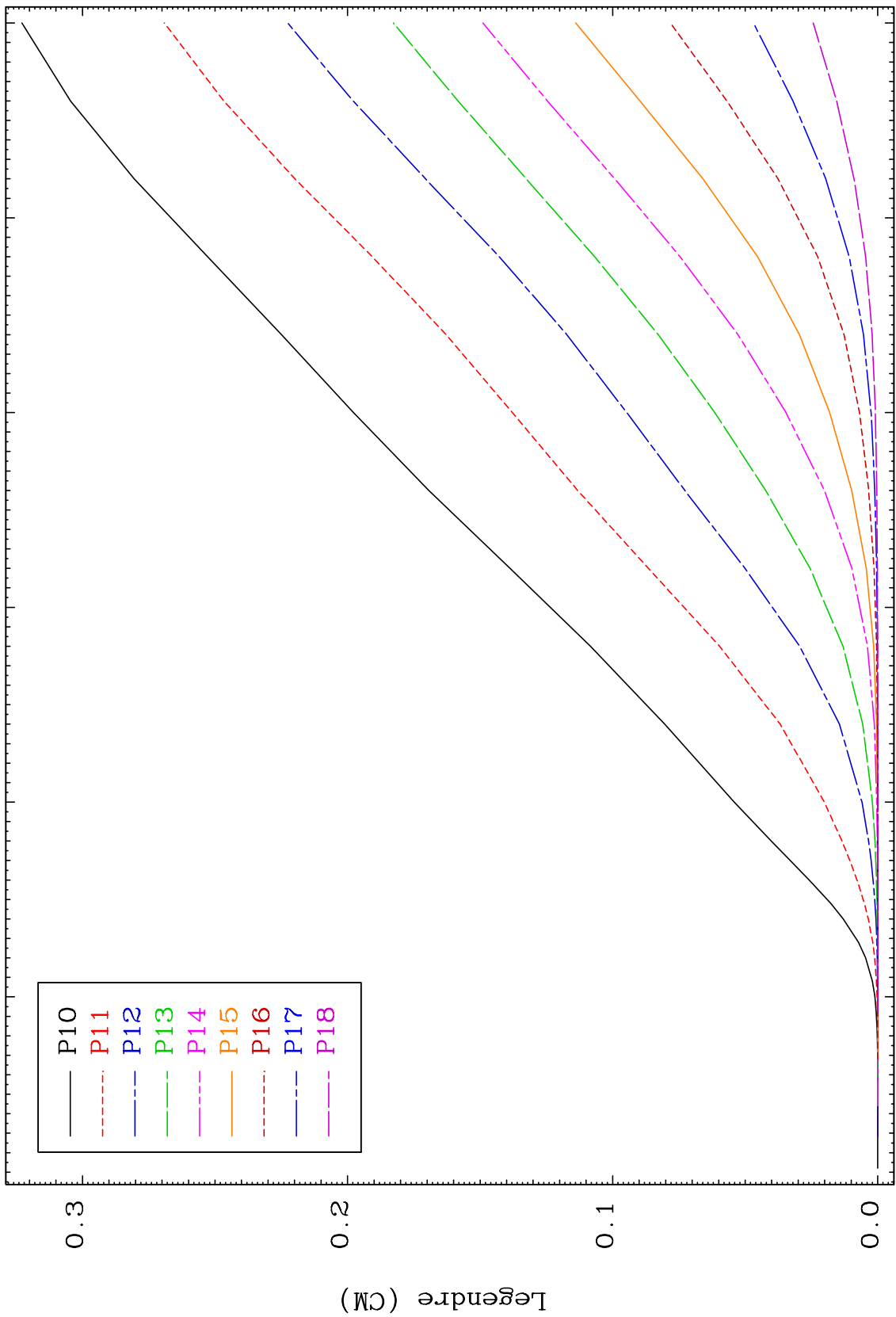
Incident Energy (MeV)

16

MAT 5725

Elastic Legendre Coefficients

57-La-138



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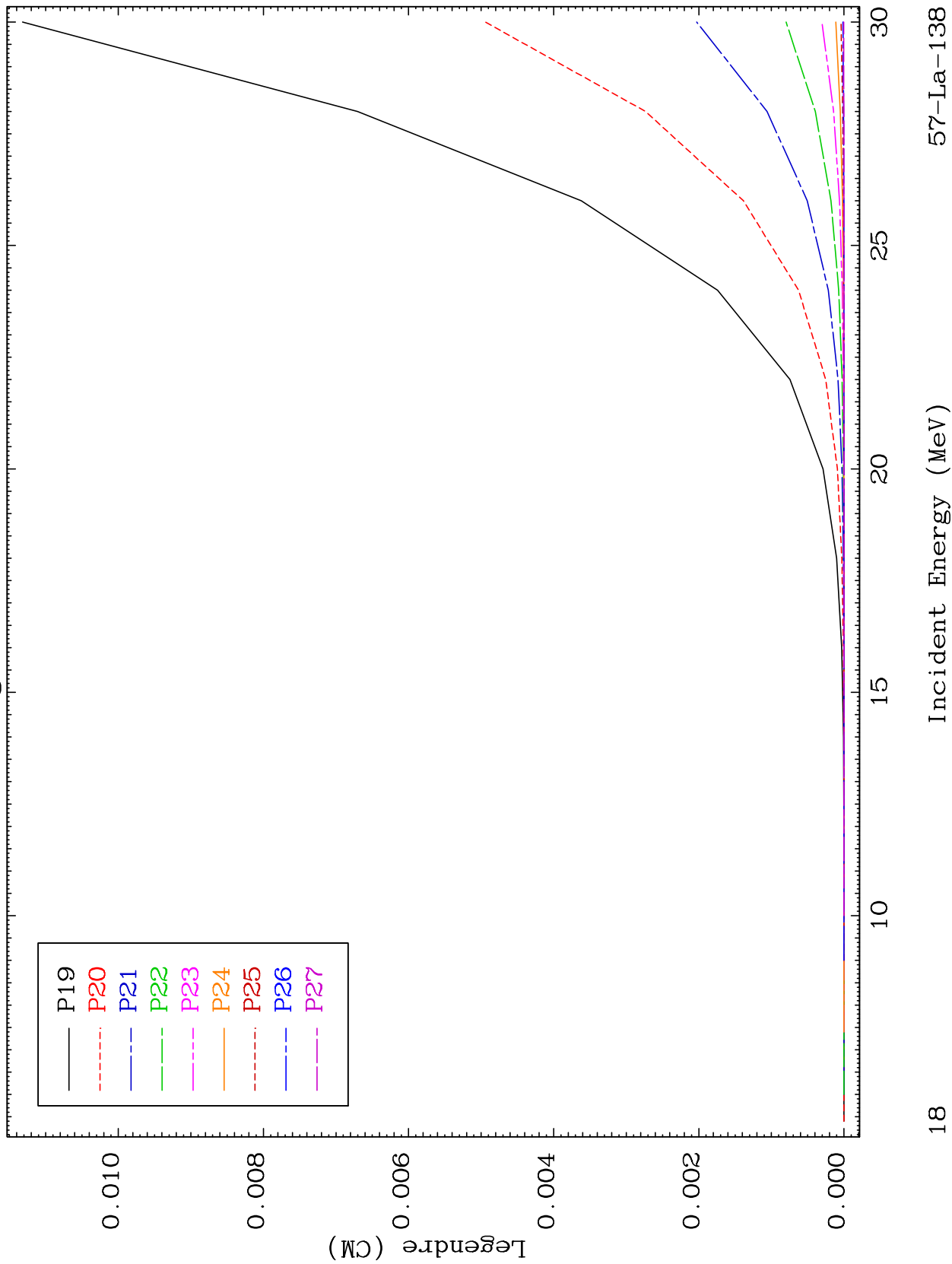
Incident Energy (MeV)

57-La-138

MAT 5725

Elastic Legendre Coefficients

57-La-138



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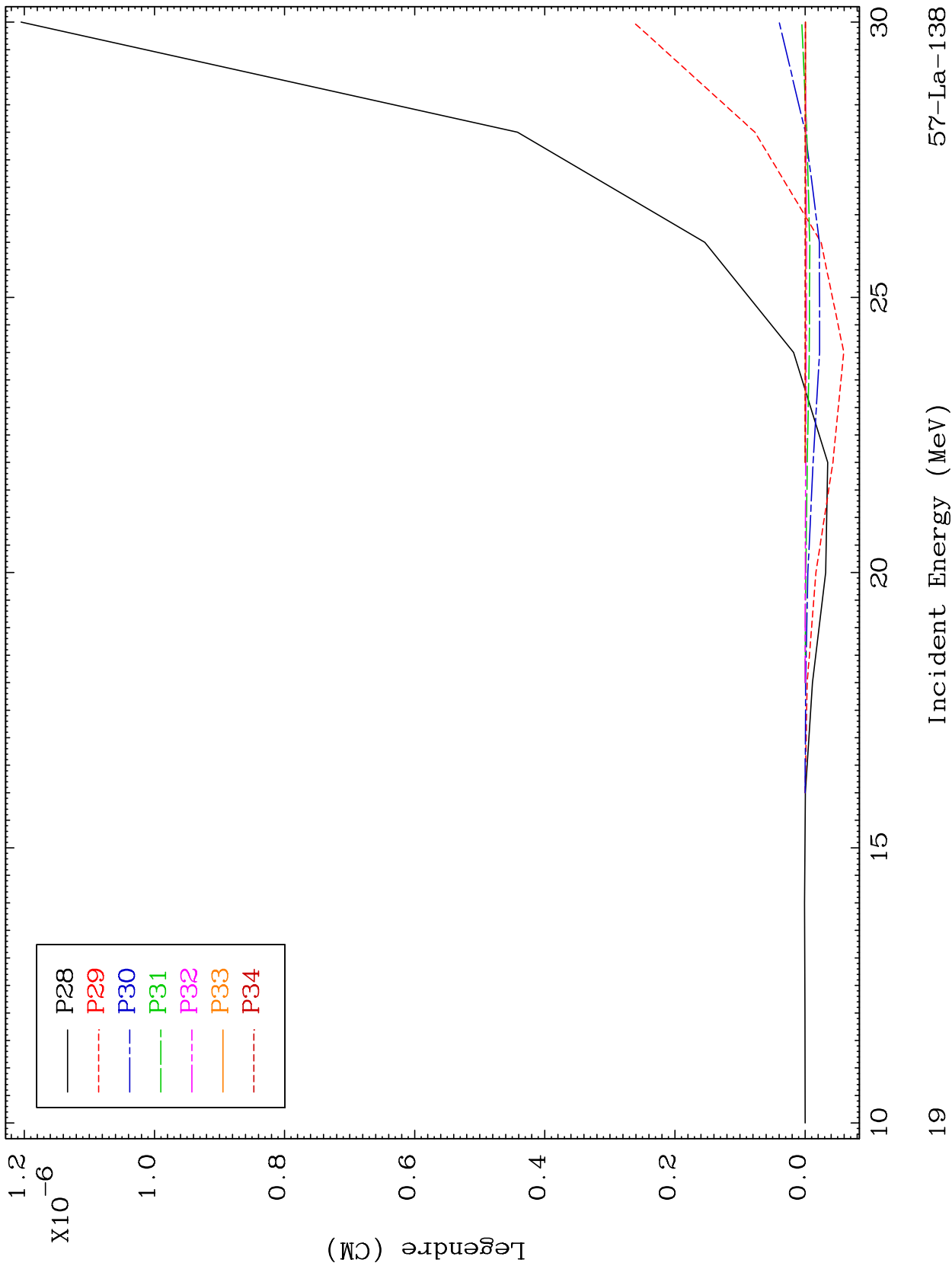
Incident Energy (MeV)

57-La-138

MAT 5725

Elastic Legendre Coefficients

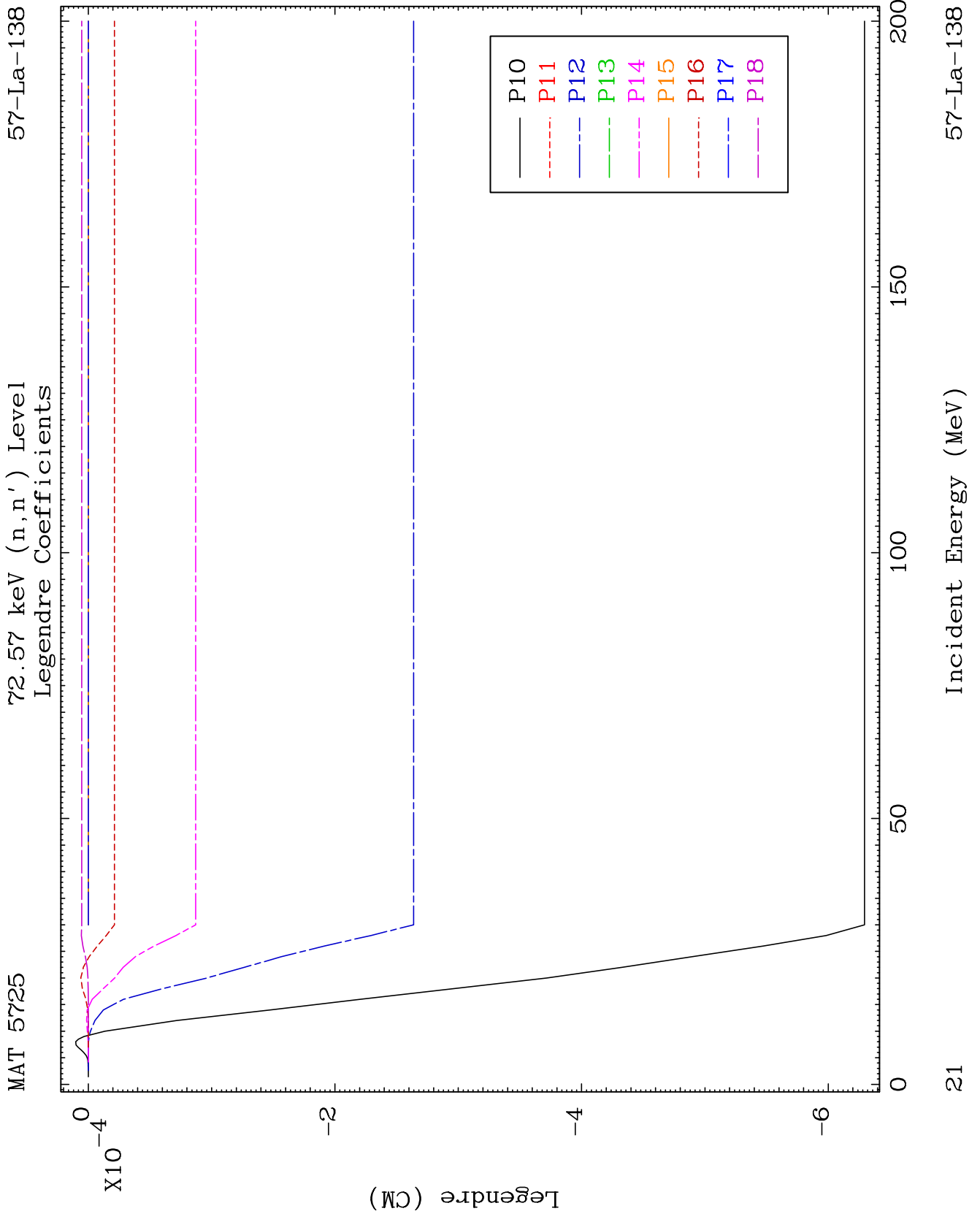
57-La-138

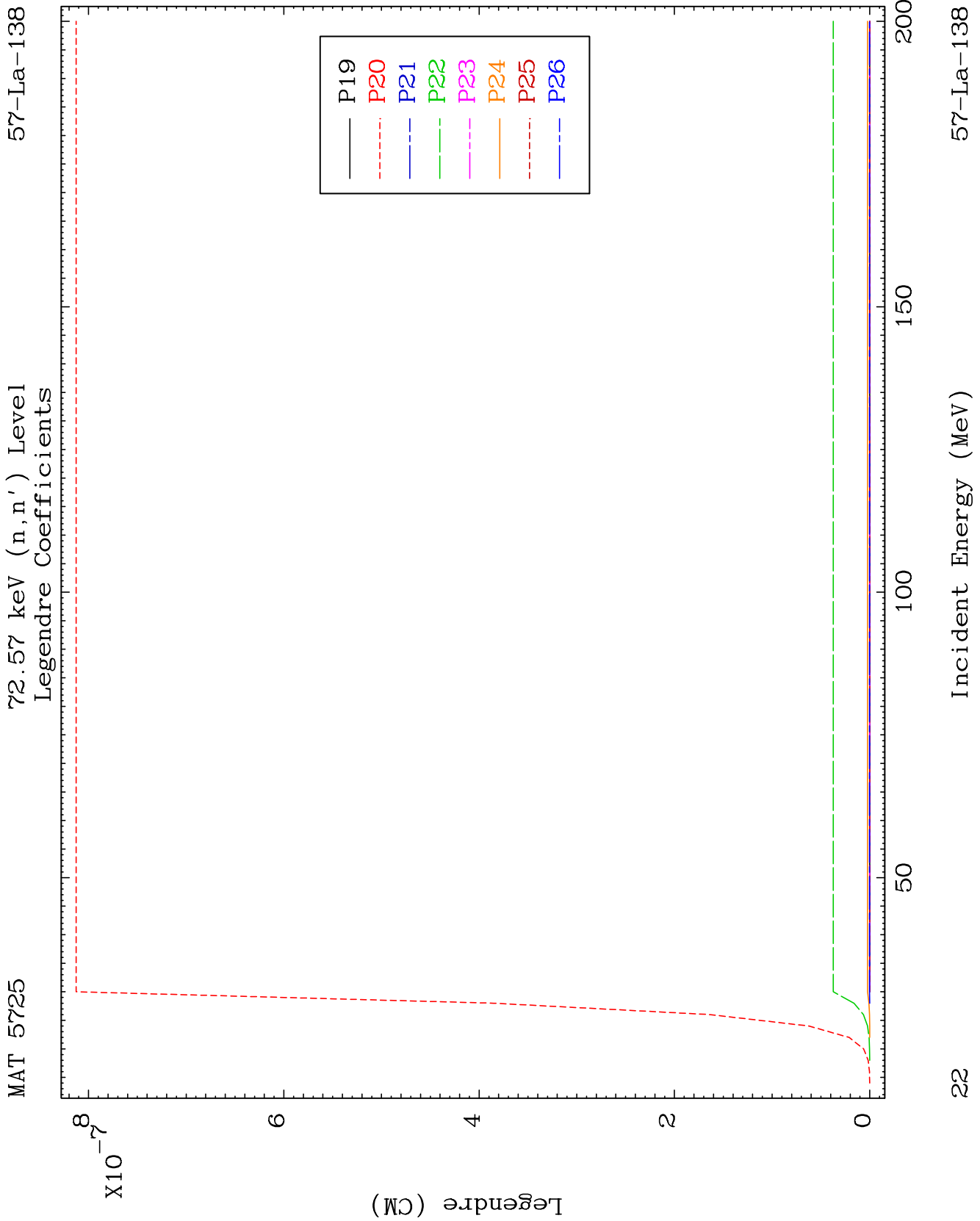


57-La-138

Incident Energy (MeV)

19

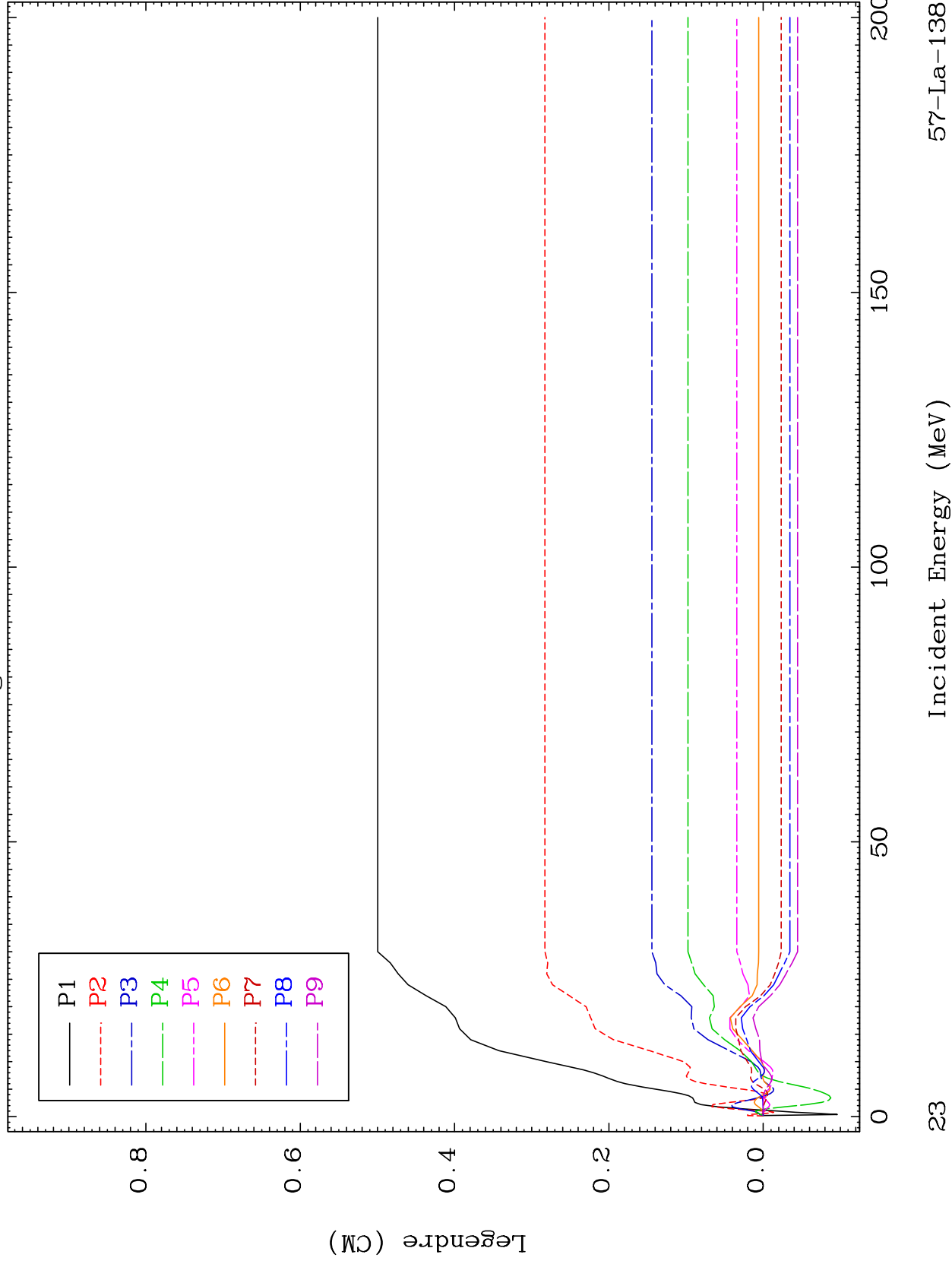




MAT 5725

116.2 keV (n,n') Level
Legendre Coefficients

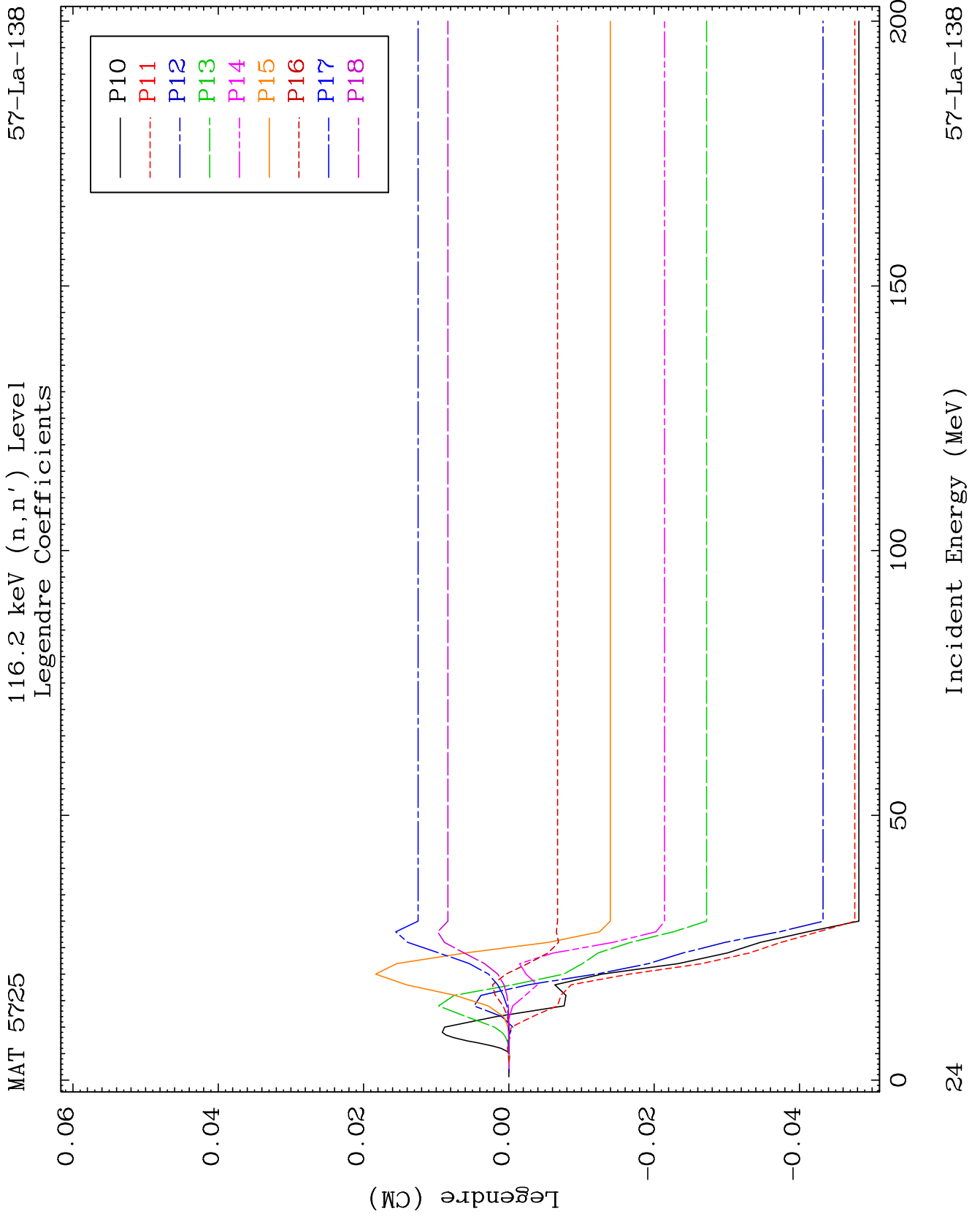
57-La-138



57-La-138

Incident Energy (MeV)

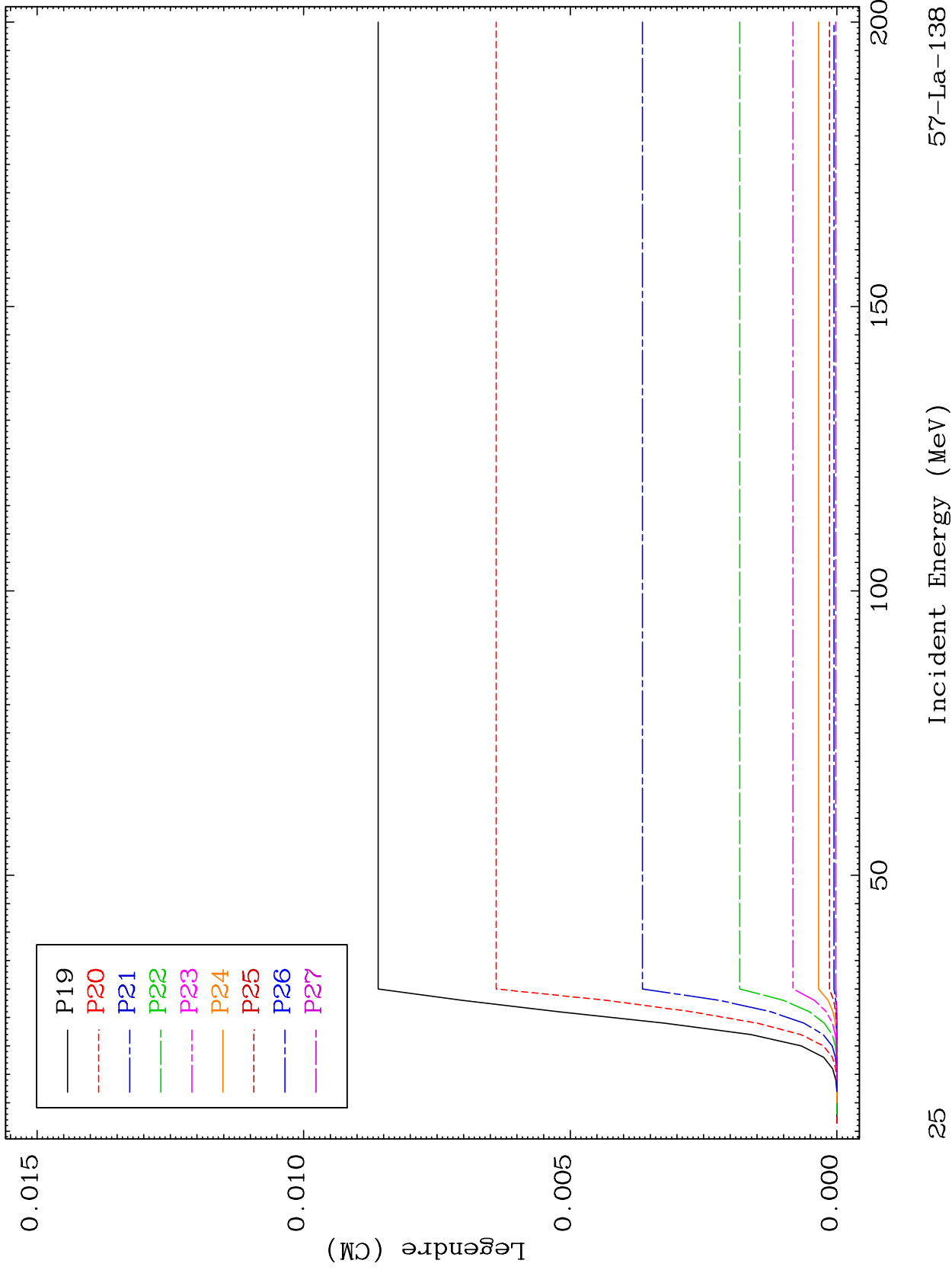
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MAT 5725

116.2 keV (n,n') Level
Legendre Coefficients

57-La-138



57-La-138

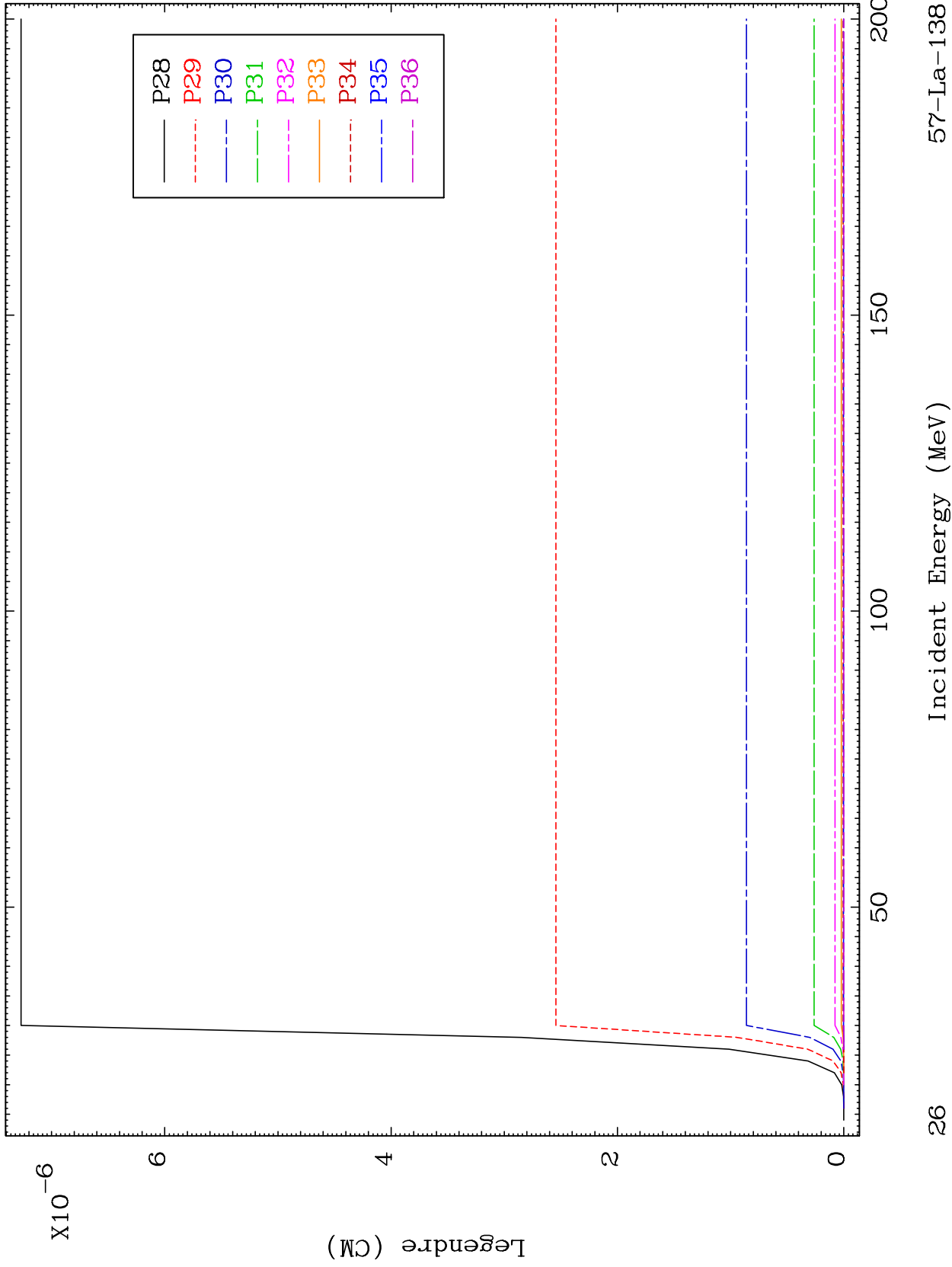
Incident Energy (MeV)

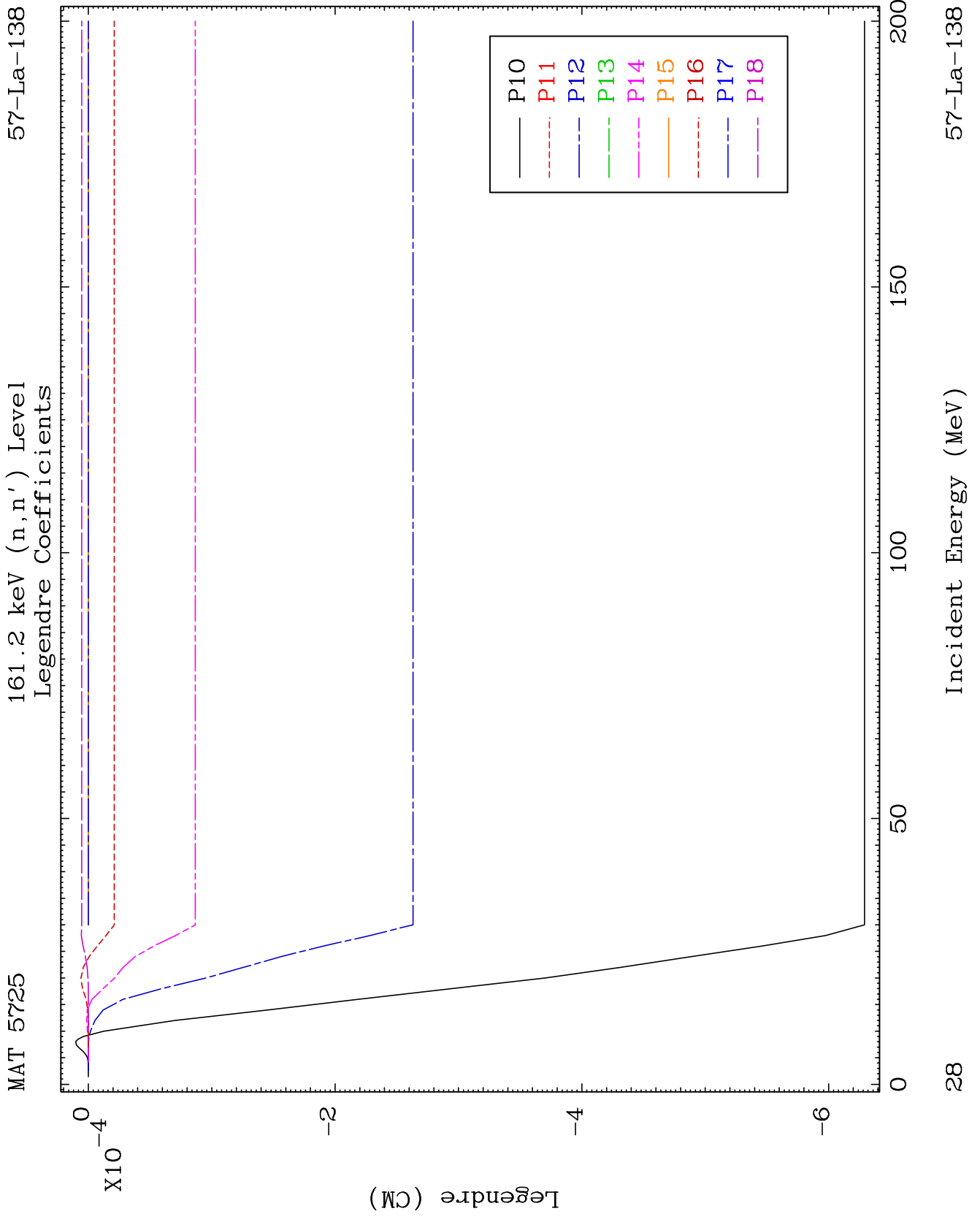
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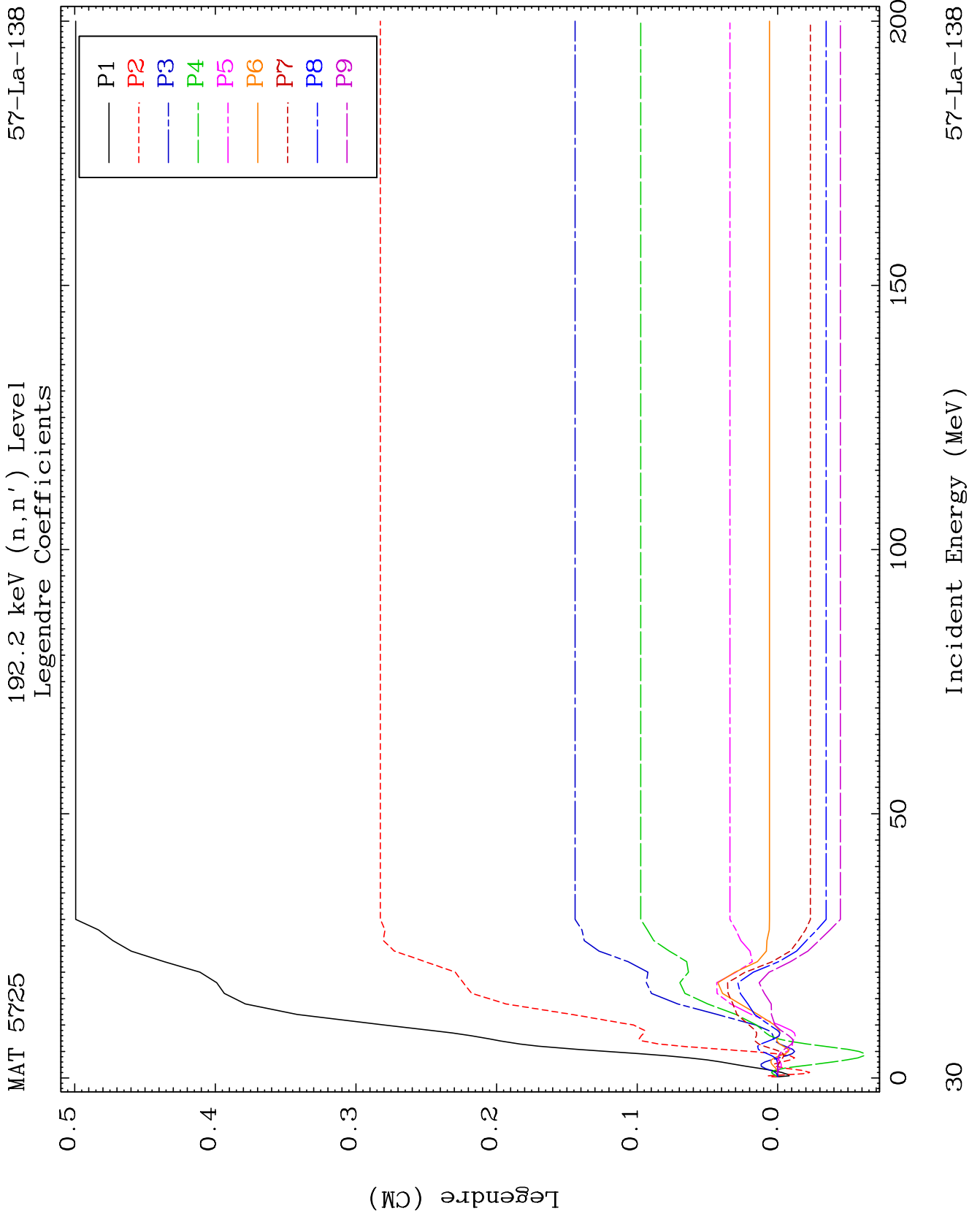
MAT 5725

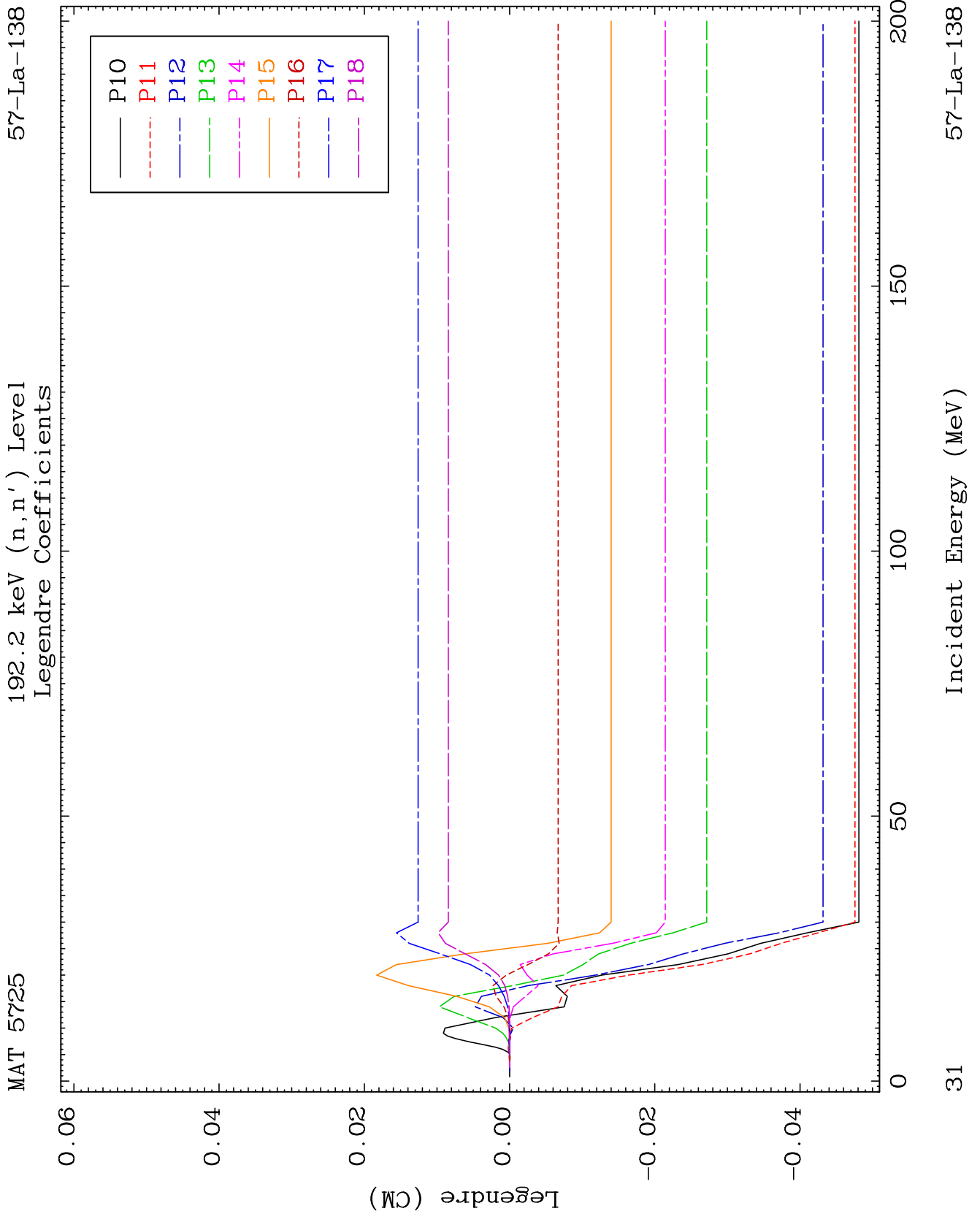
116.2 keV (n, n') Level
Legendre Coefficients

57-La-138





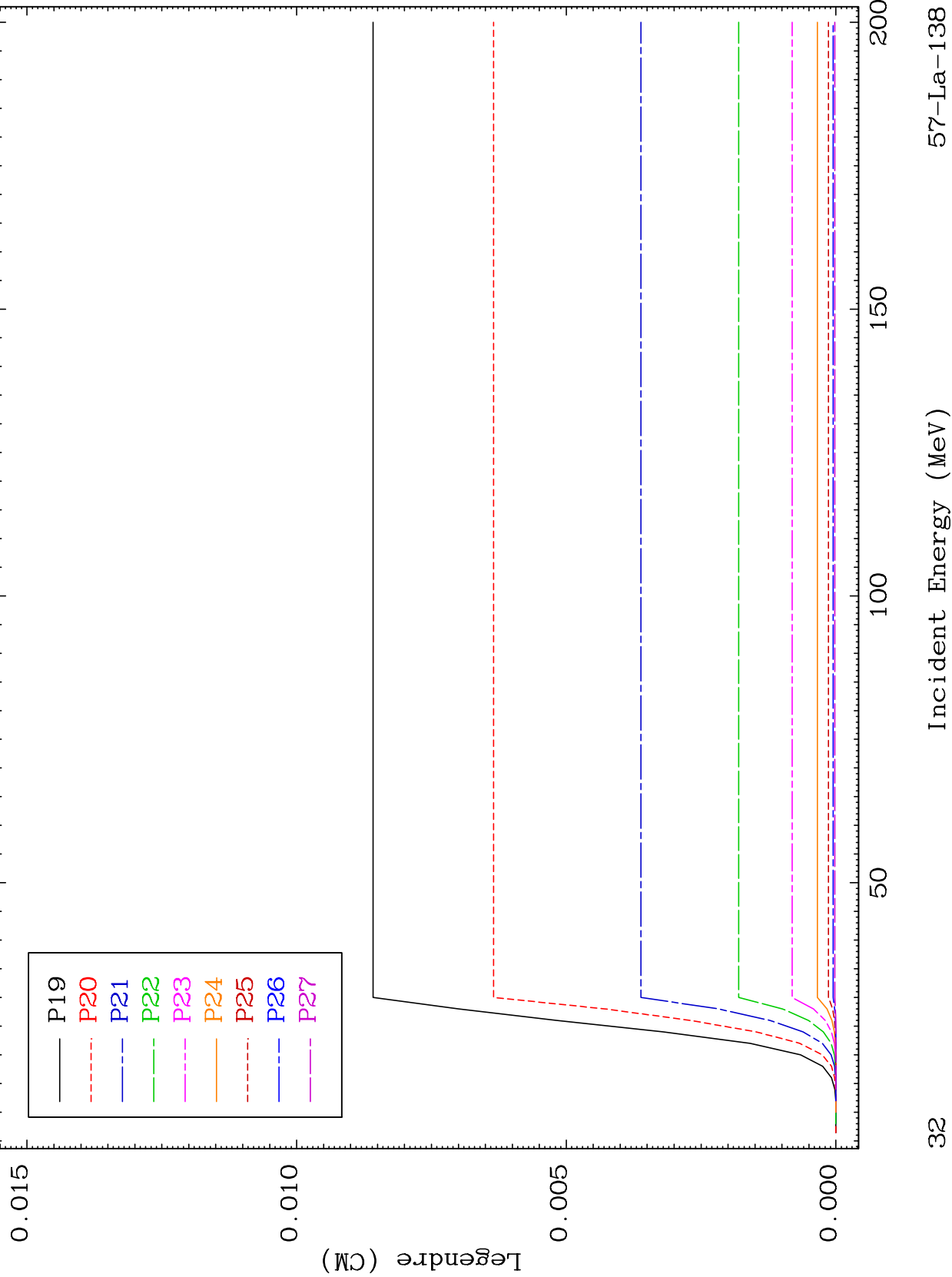




MAT 5725

192.2 keV (n,n') Level
Legendre Coefficients

57-La-138



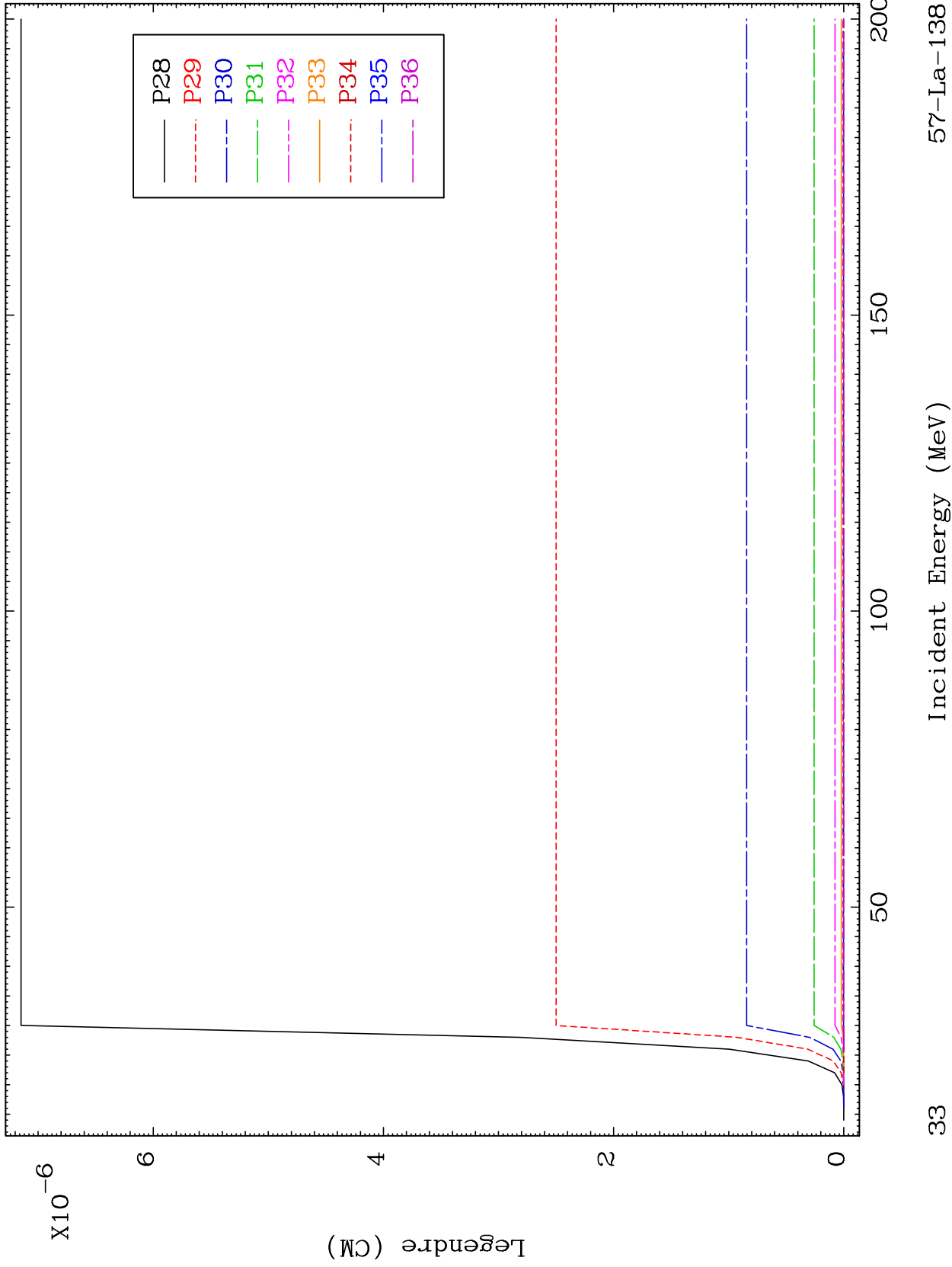
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57-La-138

MAT 5725

192.2 keV (n, n') Level
Legendre Coefficients

57-La-138



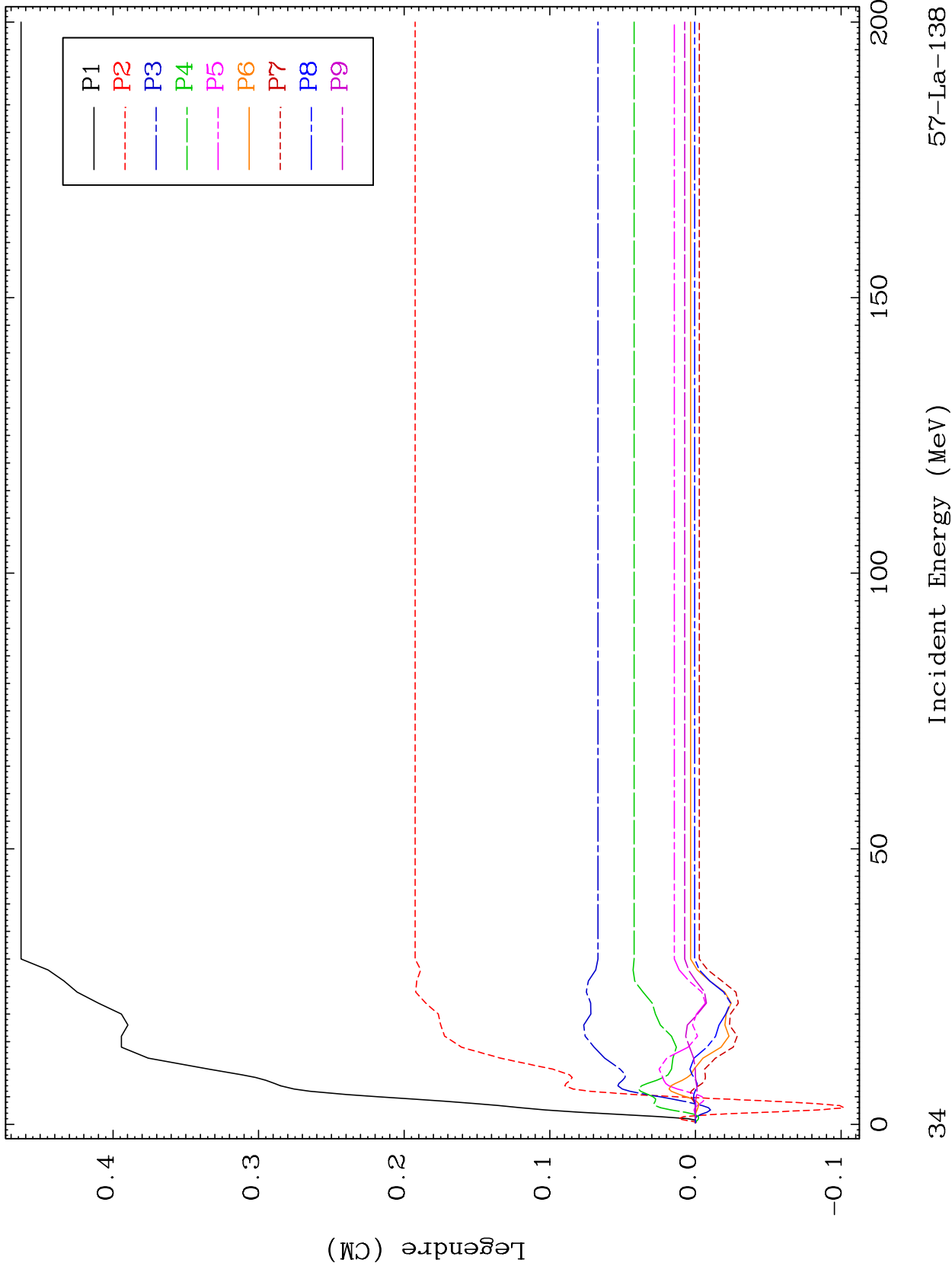
33

57-La-138

MAT 5725

230.4 keV (n,n') Level
Legendre Coefficients

57-La-138



57-La-138

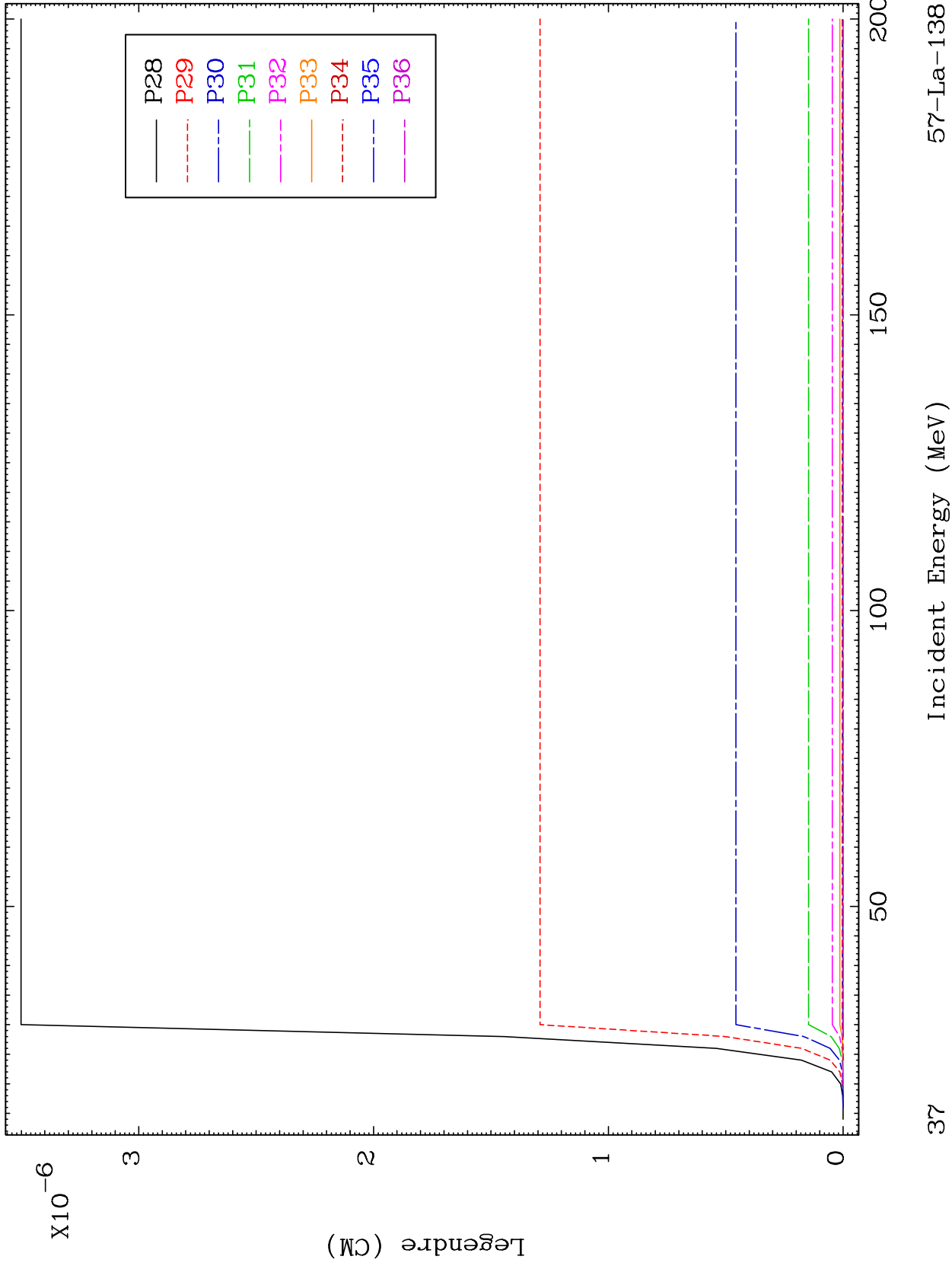
Incident Energy (MeV)

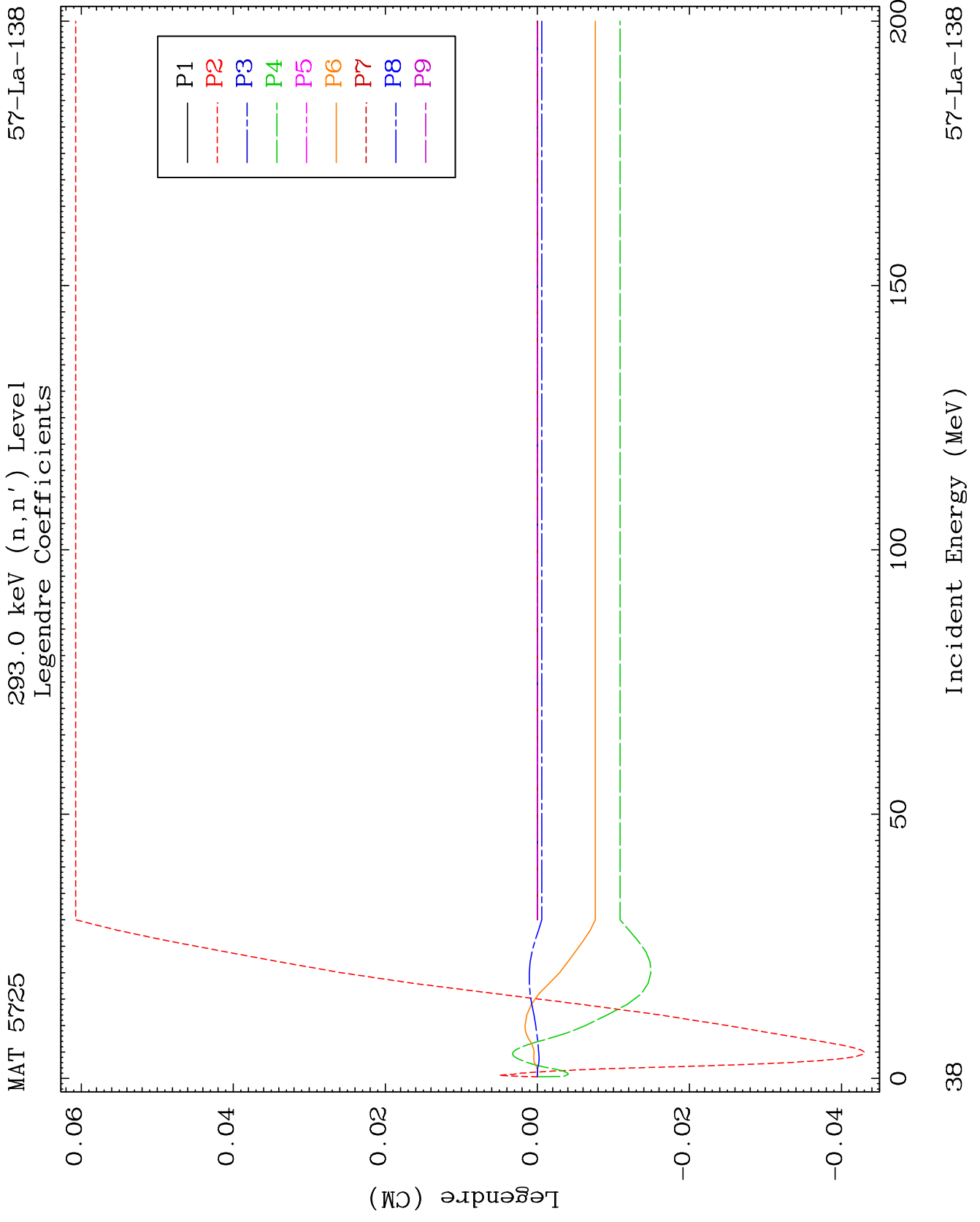
34

MAT 5725

230.4 keV (n,n') Level
Legendre Coefficients

57-La-138

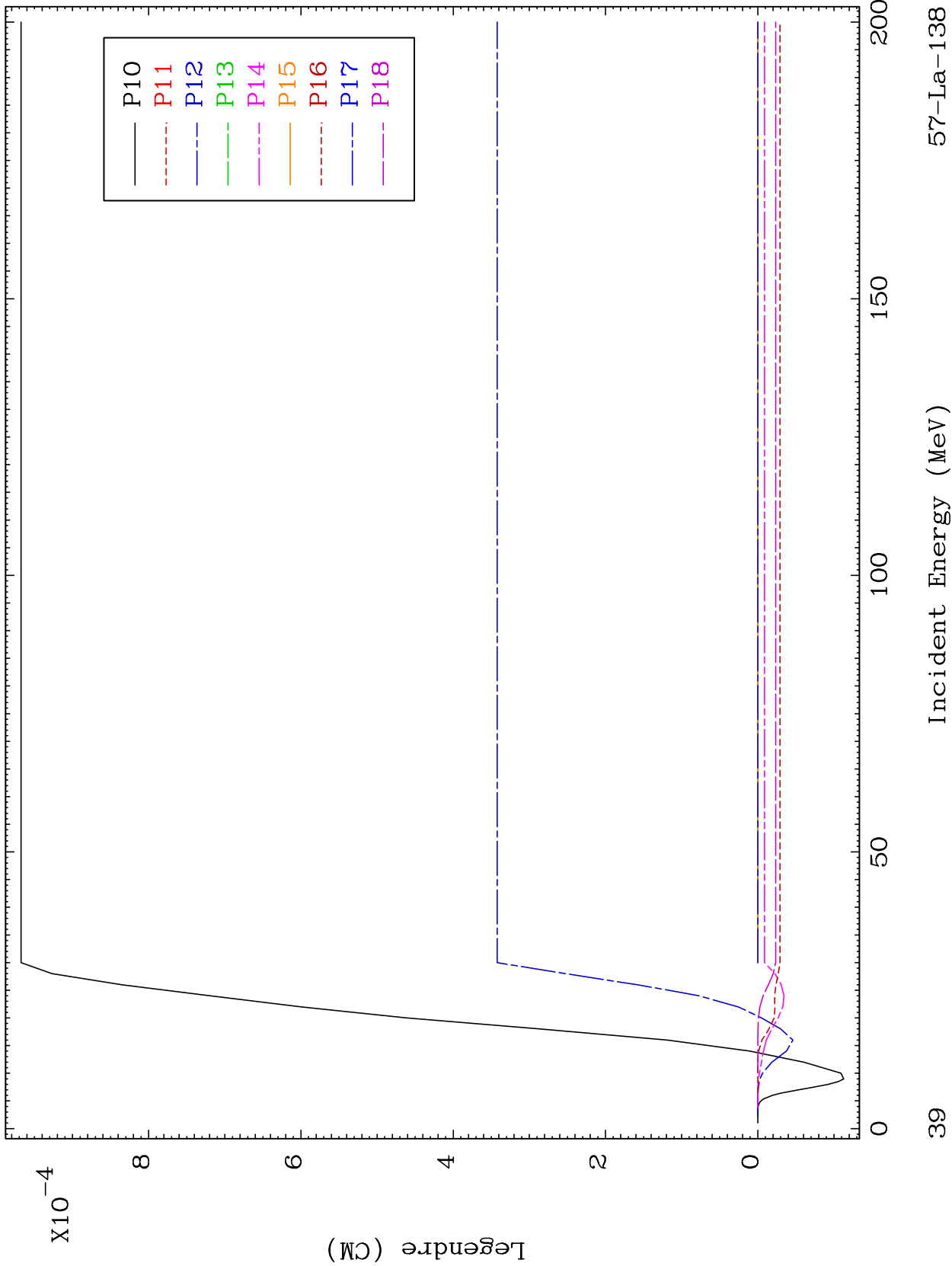




MAT 5725

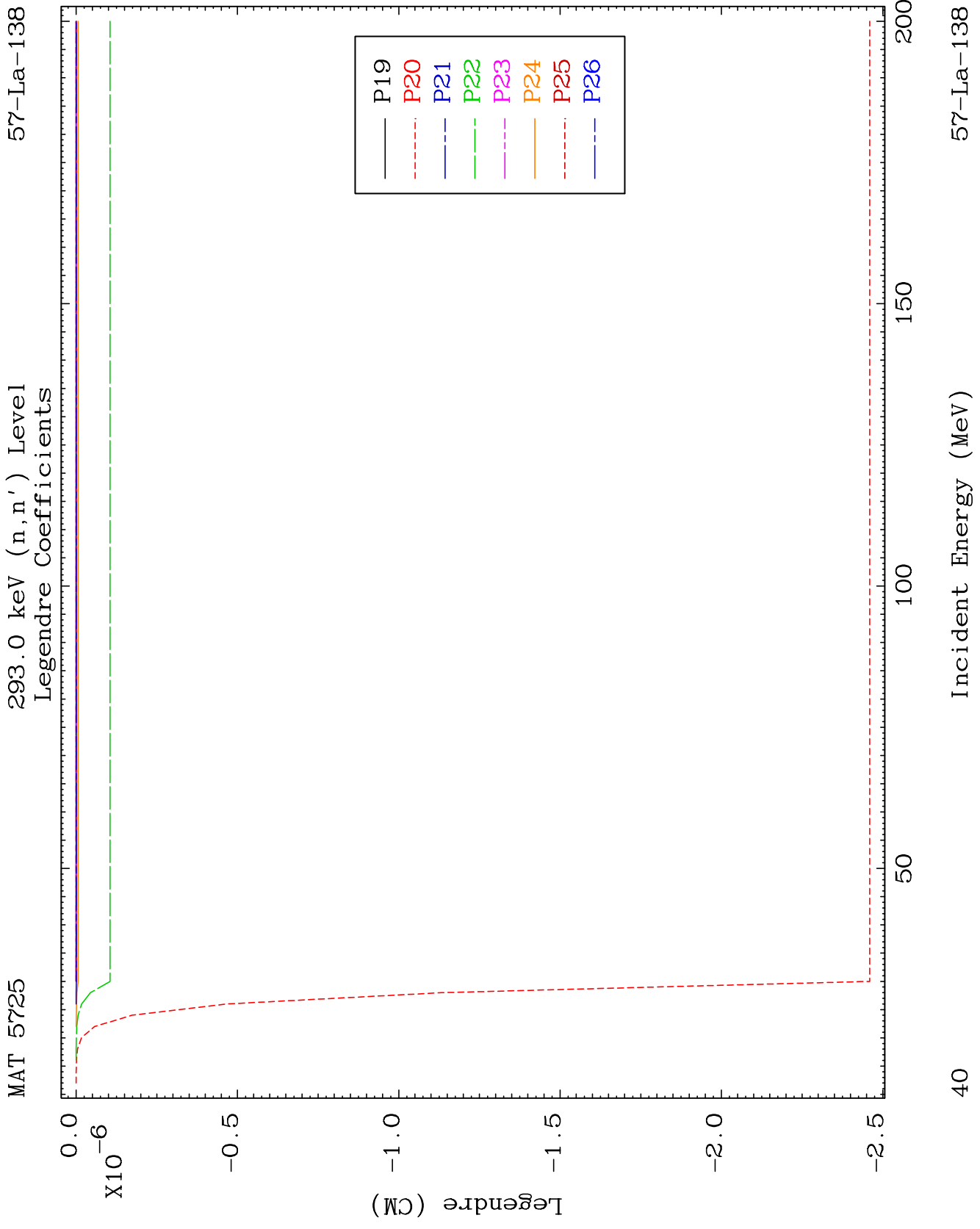
293.0 keV (n,n') Level
Legendre Coefficients

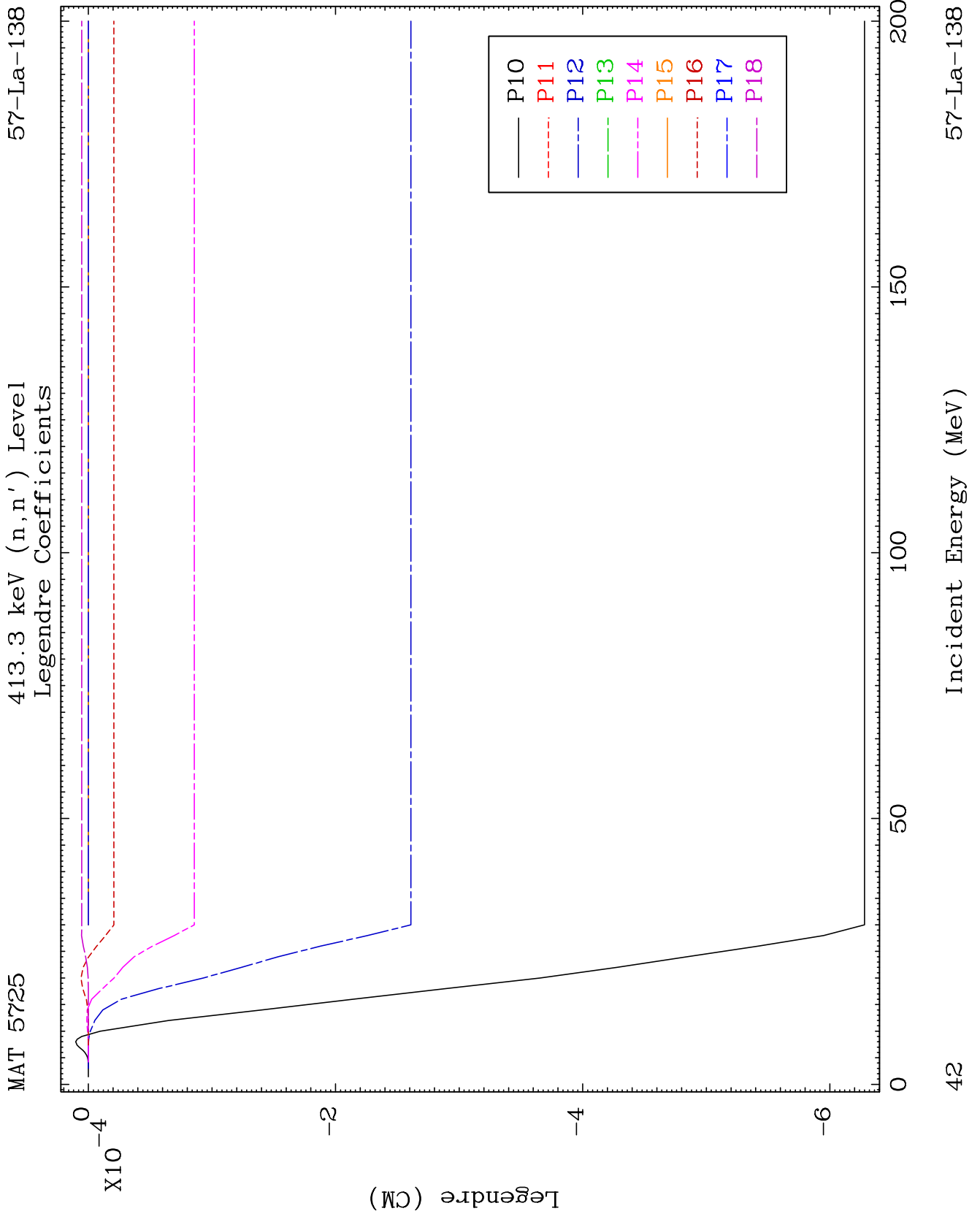
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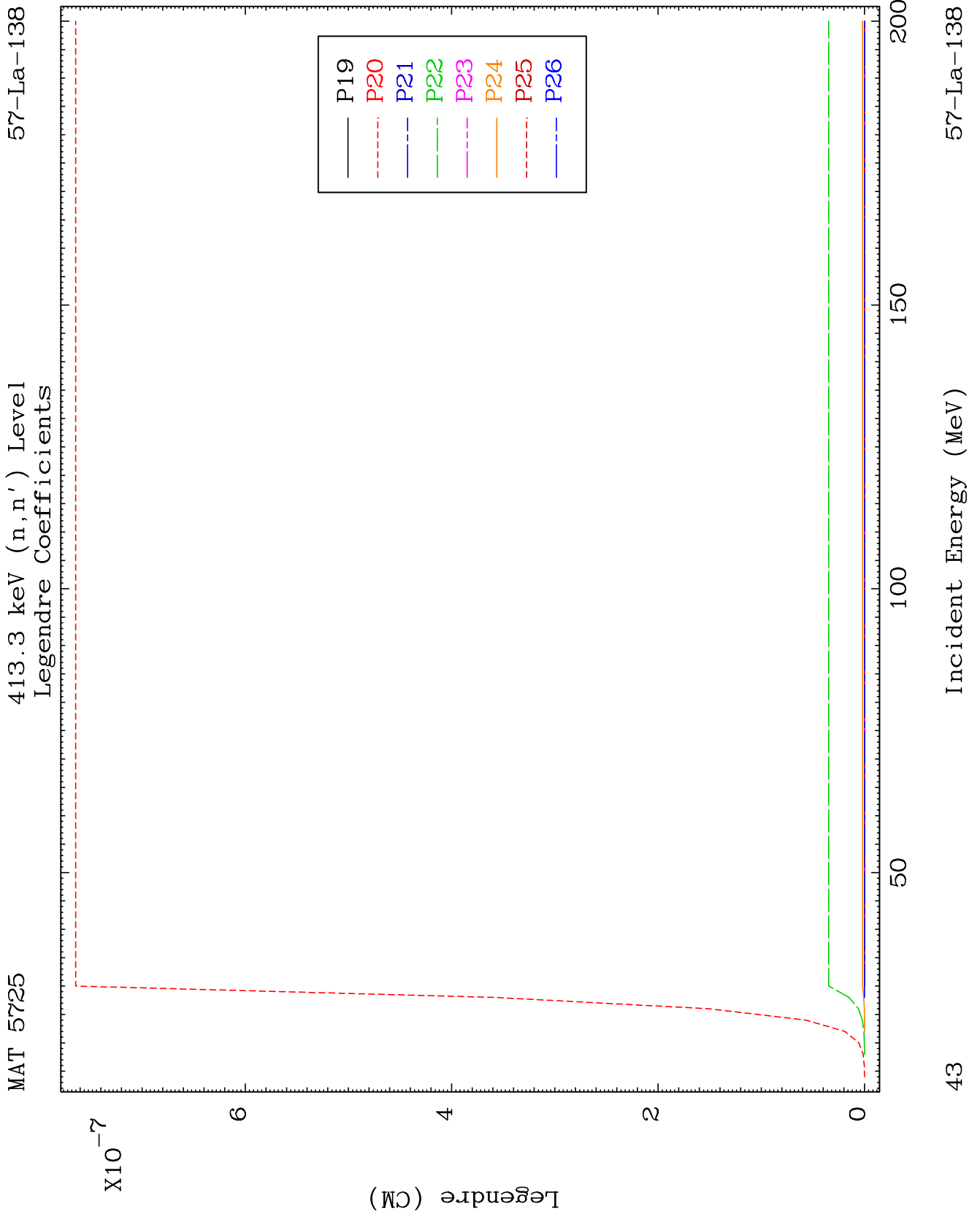


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57-La-138



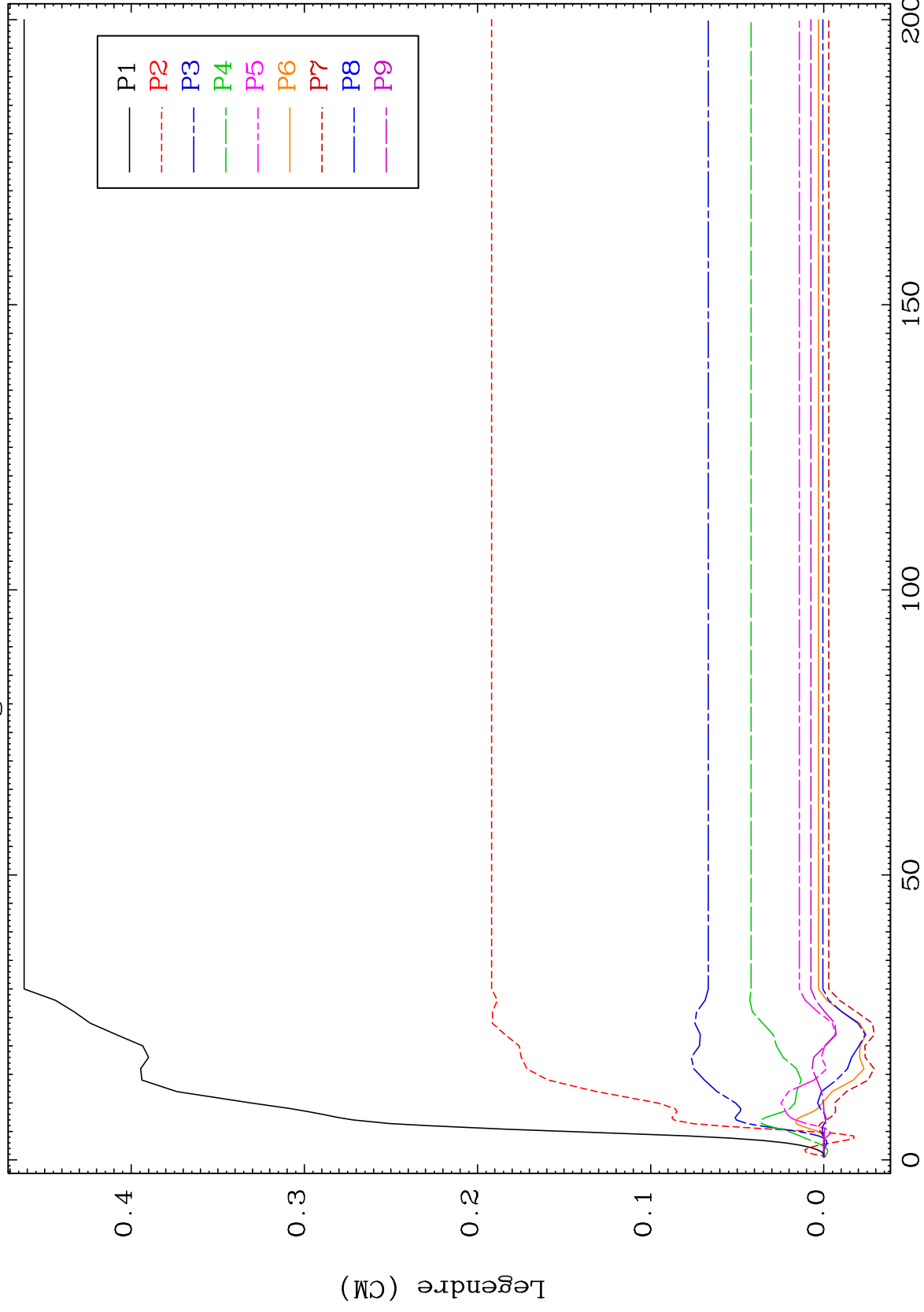




MAT 5725

479.3 keV (n,n') Level
Legendre Coefficients

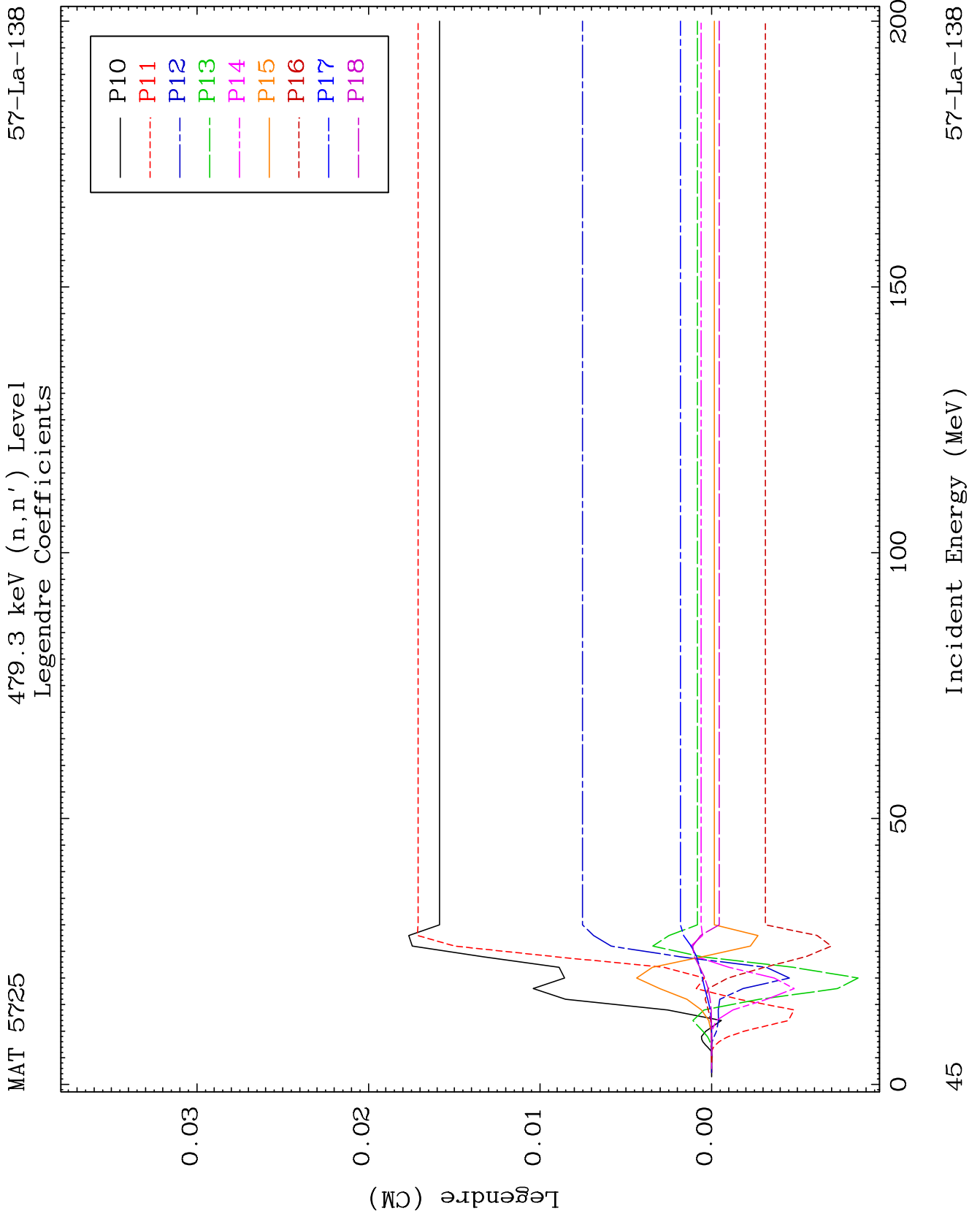
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44

Incident Energy (MeV)

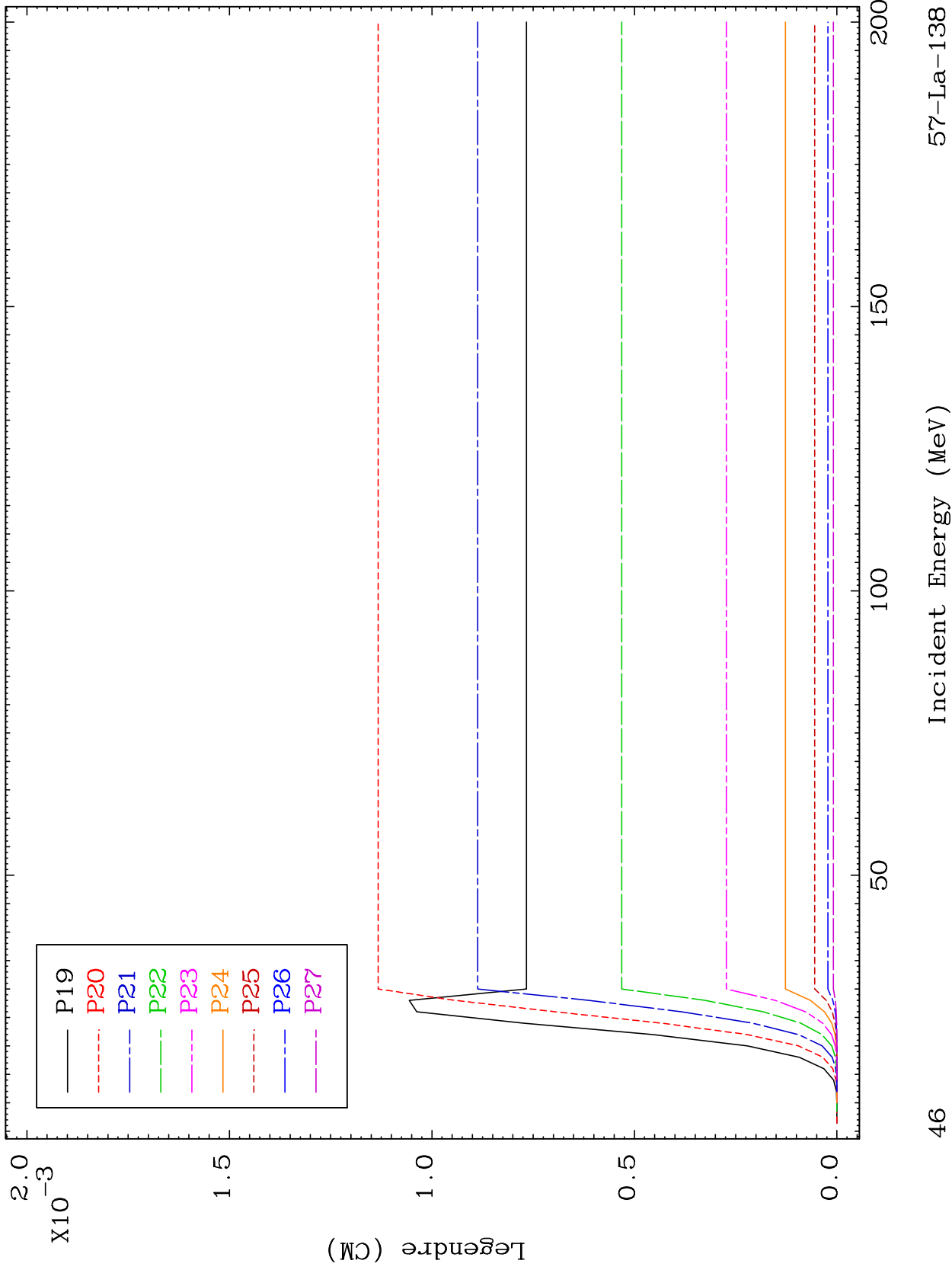
57-La-138



MAT 5725

479.3 keV (n,n') Level
Legendre Coefficients

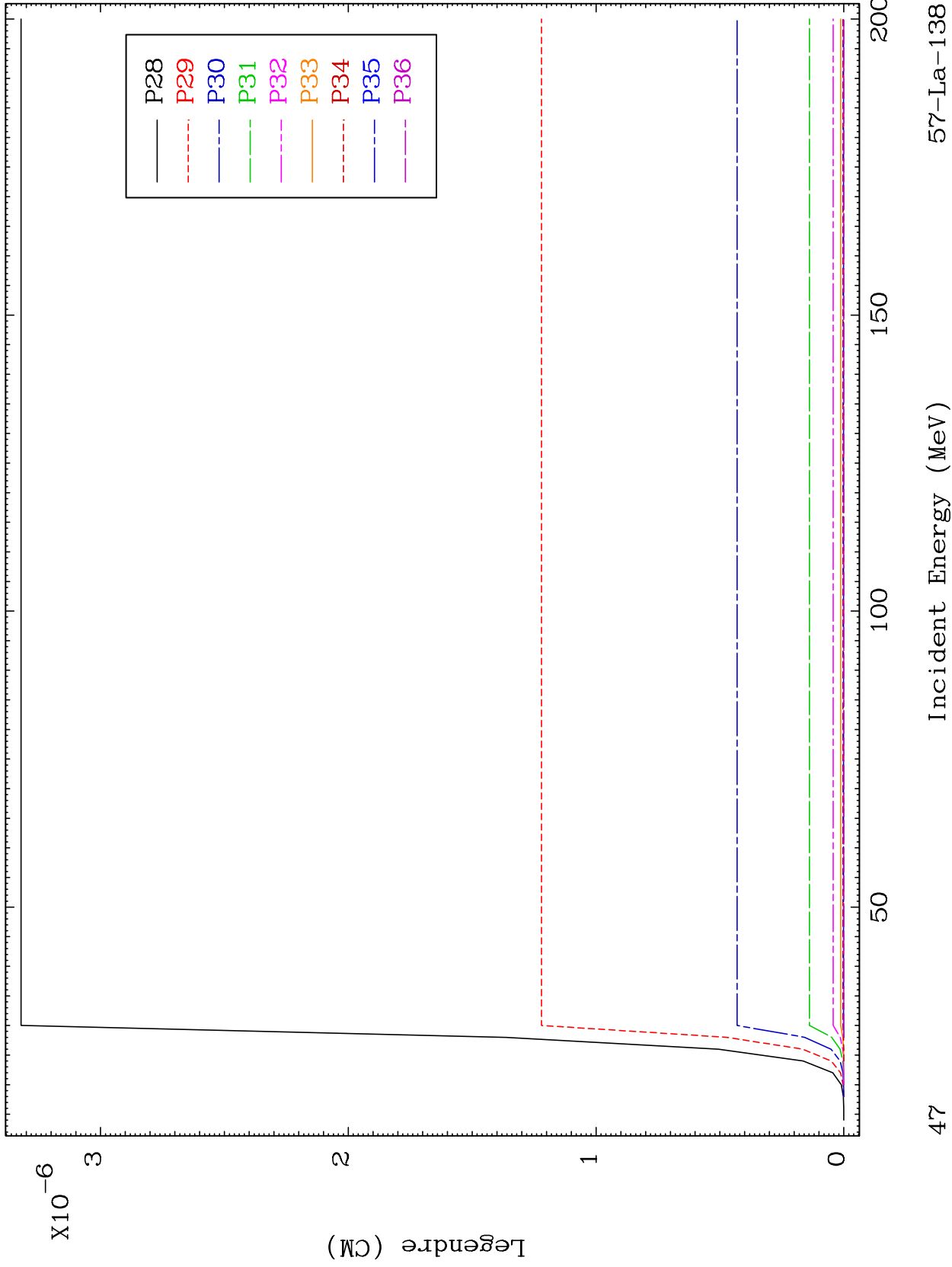
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MAT 5725

479.3 keV (n,n') Level
Legendre Coefficients

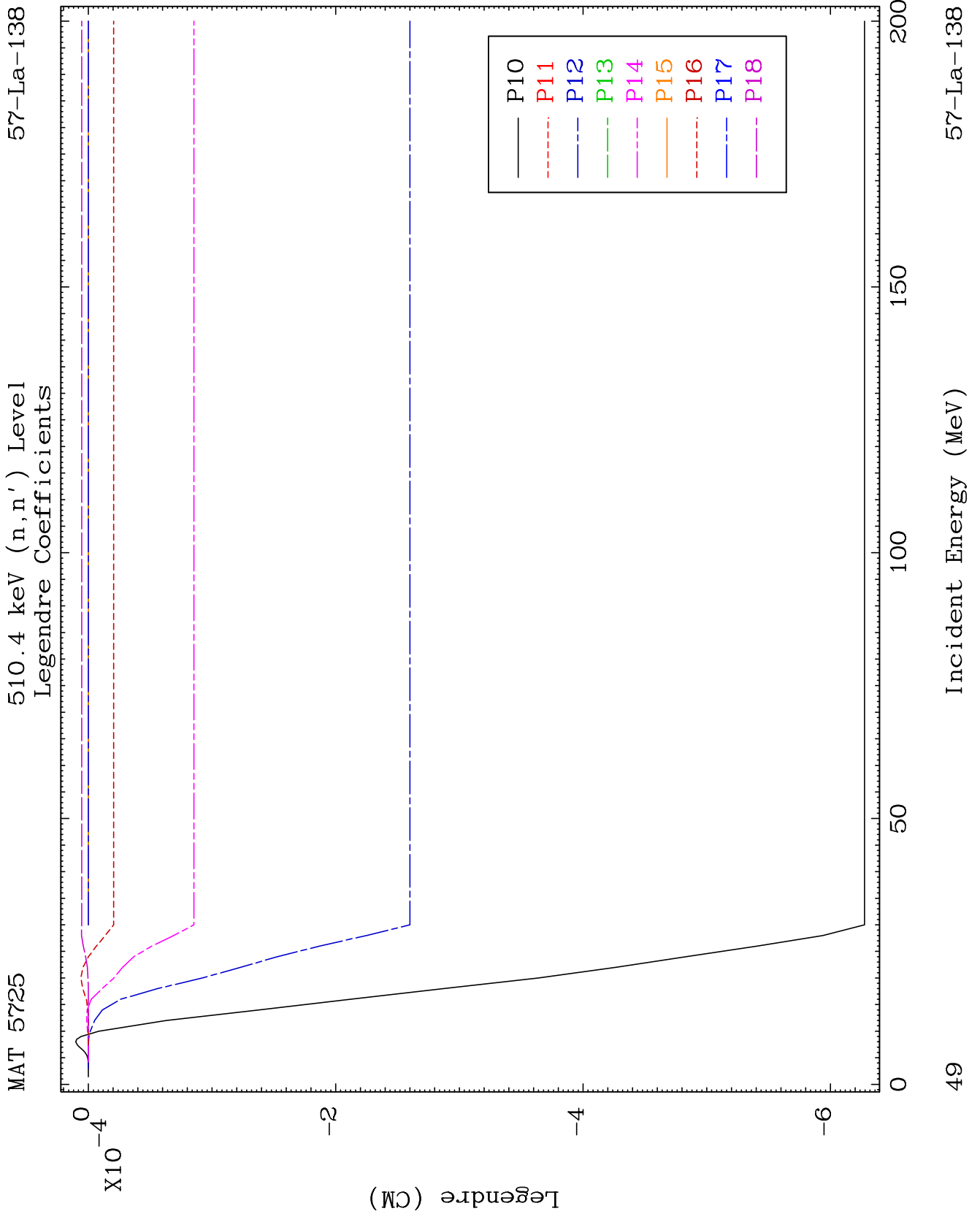
57-La-138



47

Incident Energy (MeV)

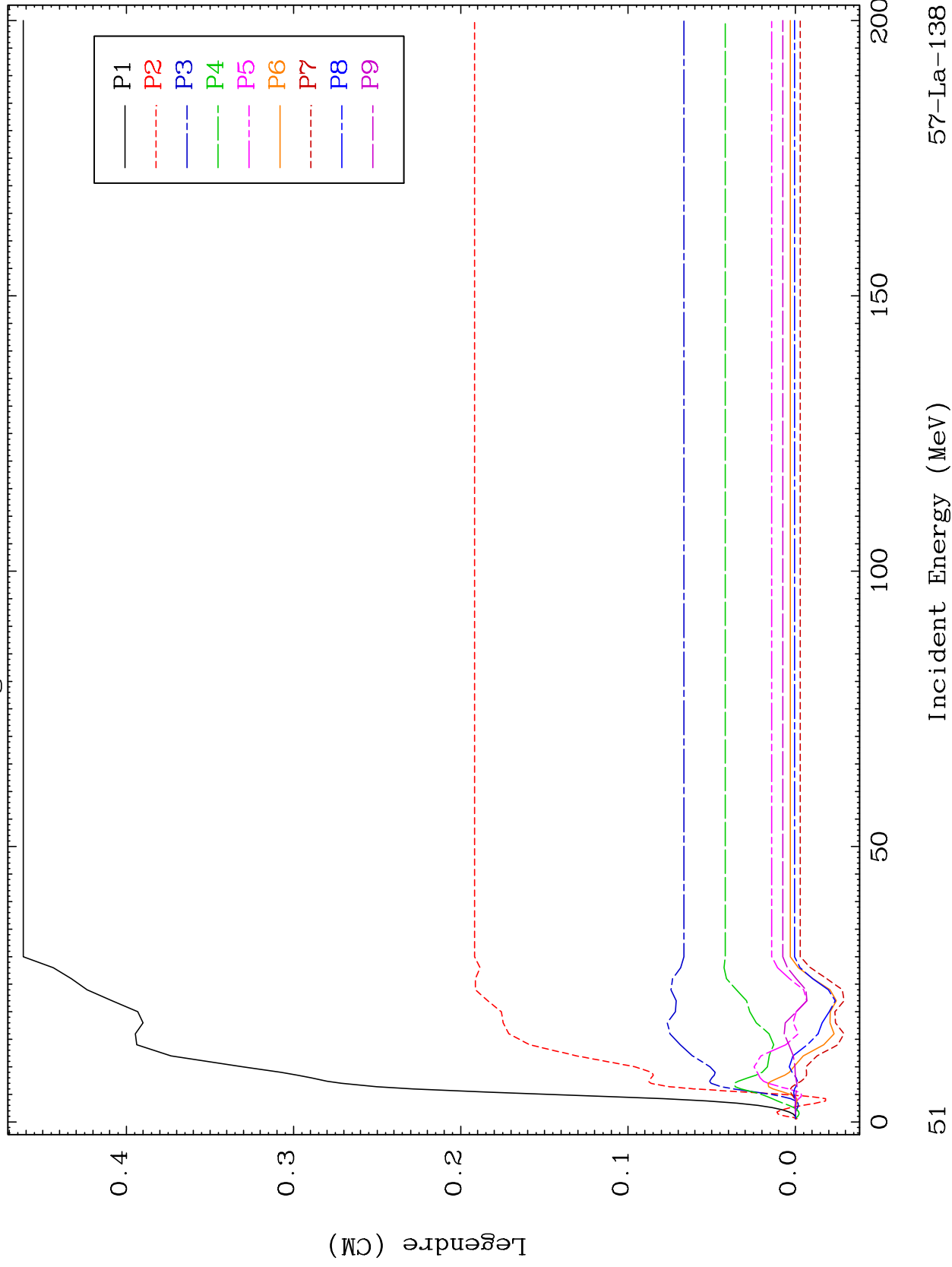
57-La-138



MAT 5725

518.7 keV (n,n') Level
Legendre Coefficients

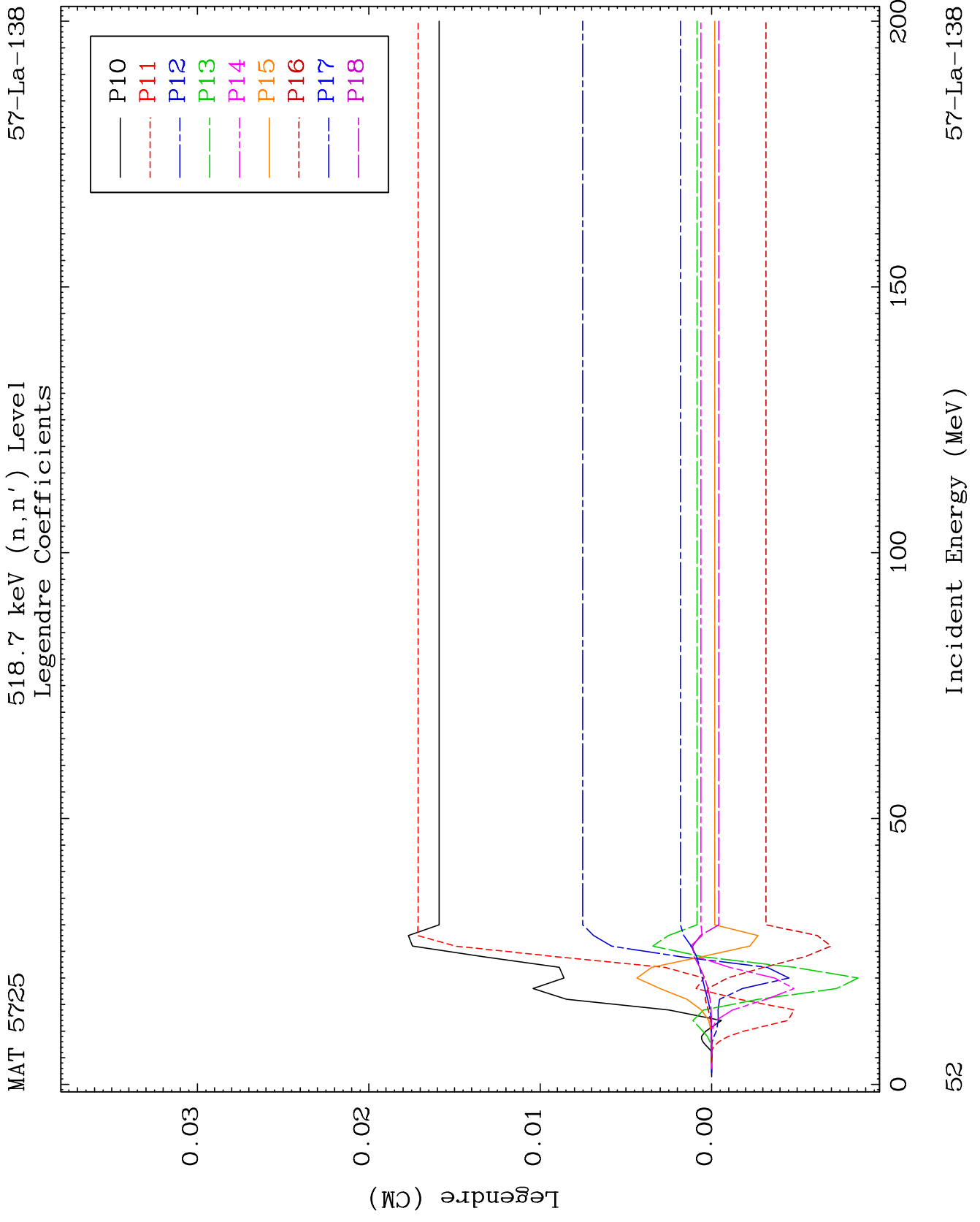
57-La-138



57-La-138

Incident Energy (MeV)

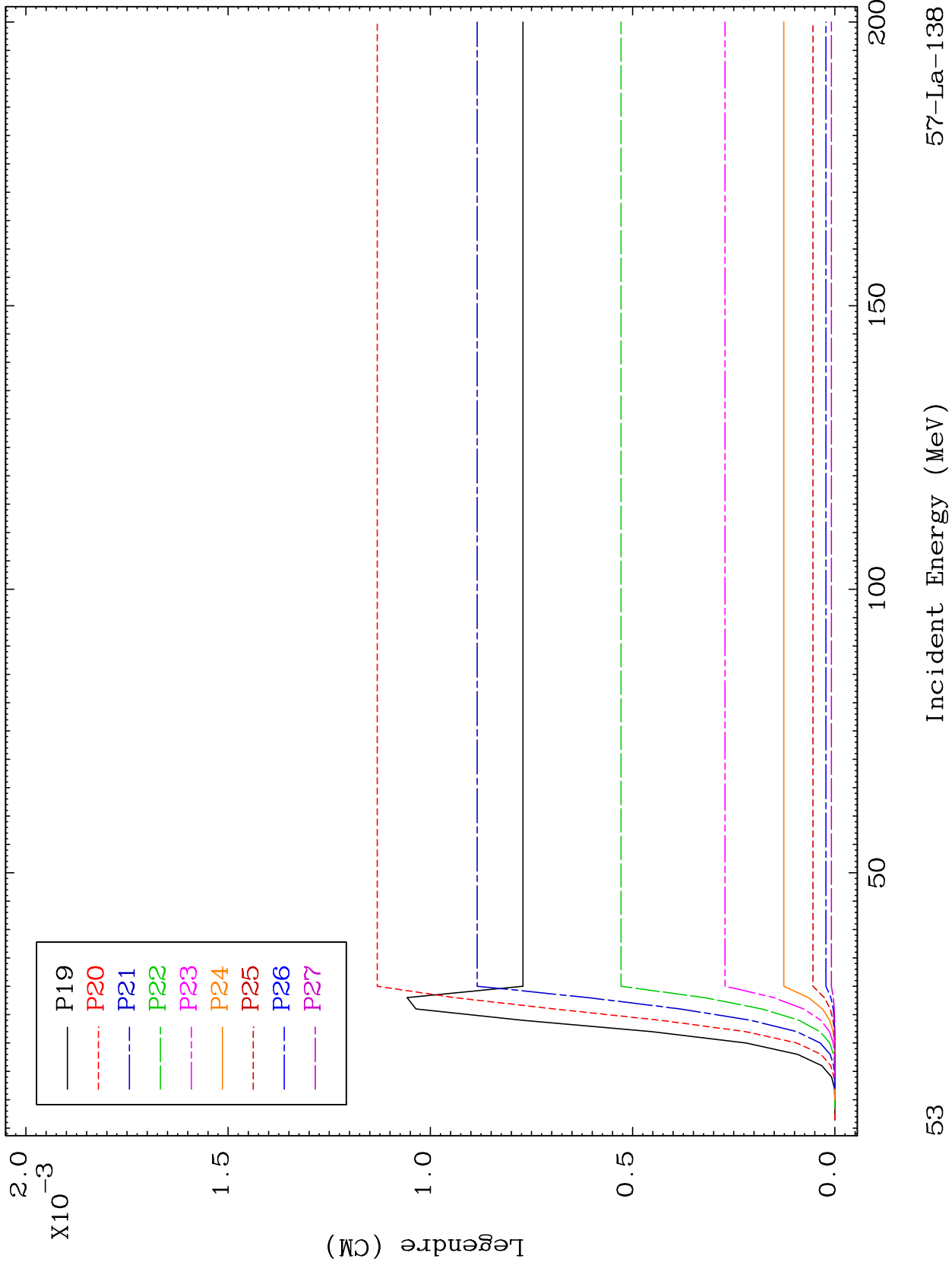
51



MAT 5725

518.7 keV (n,n') Level
Legendre Coefficients

57-La-138

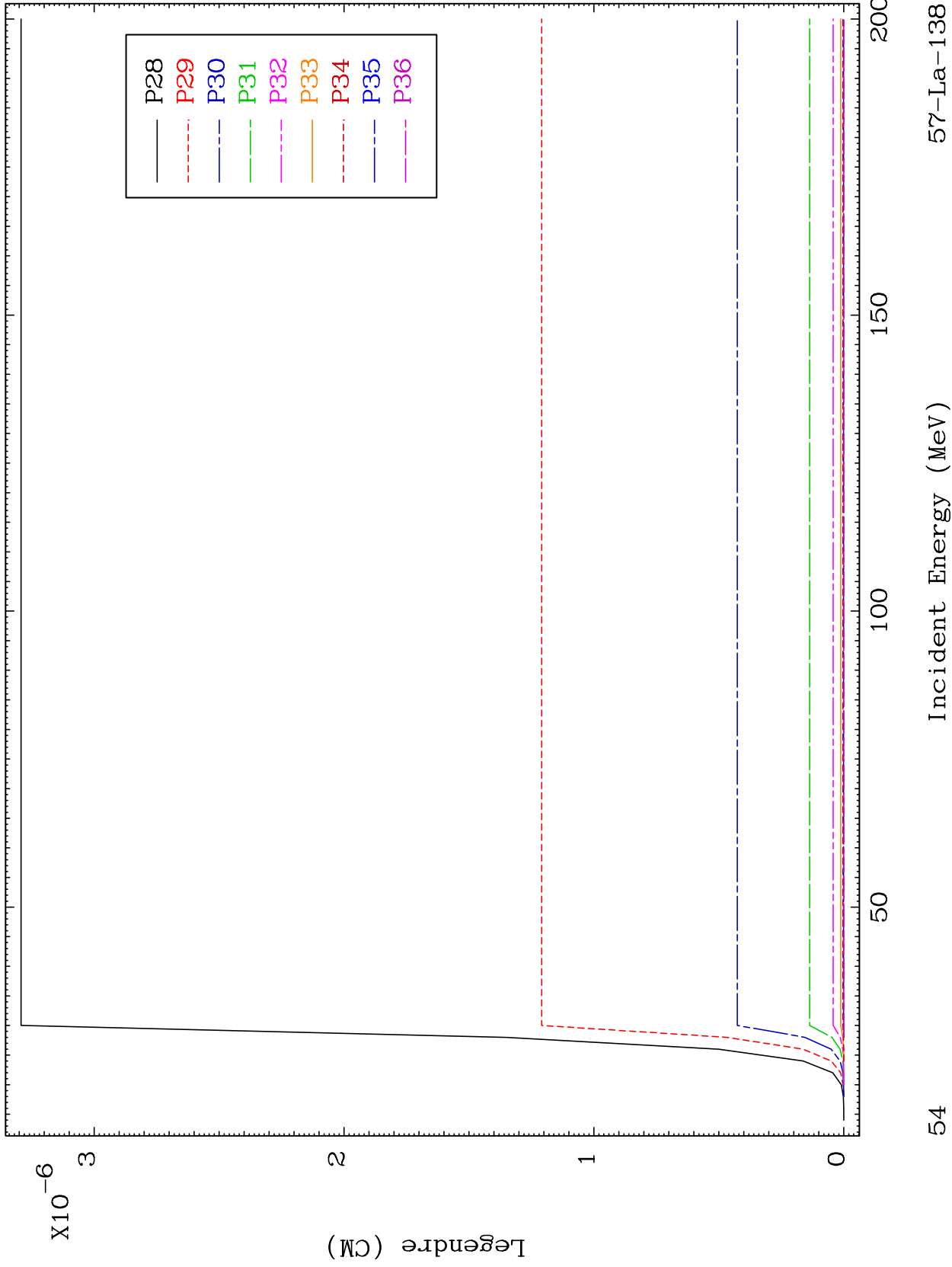


53

MAT 5725

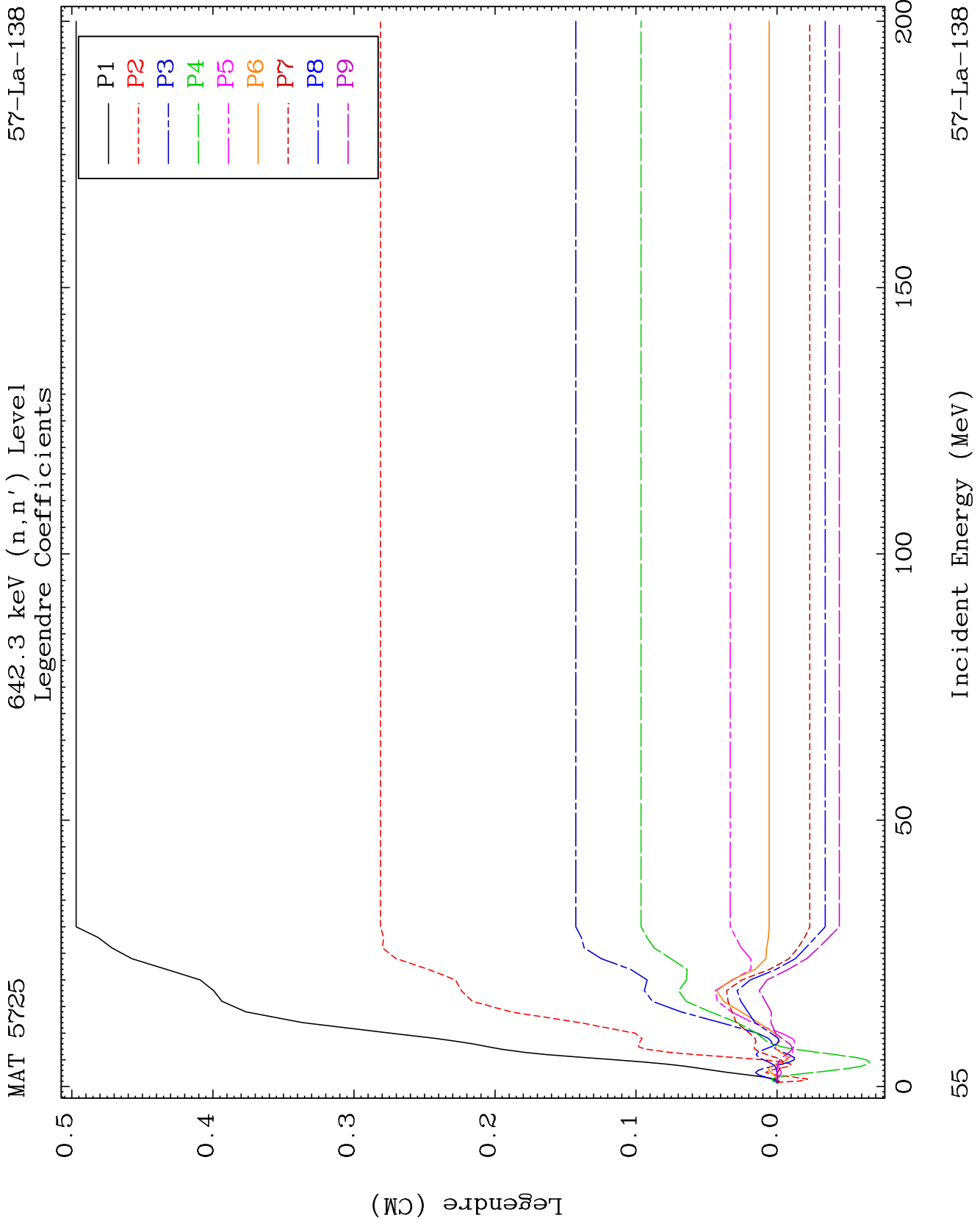
518.7 keV (n,n') Level
Legendre Coefficients

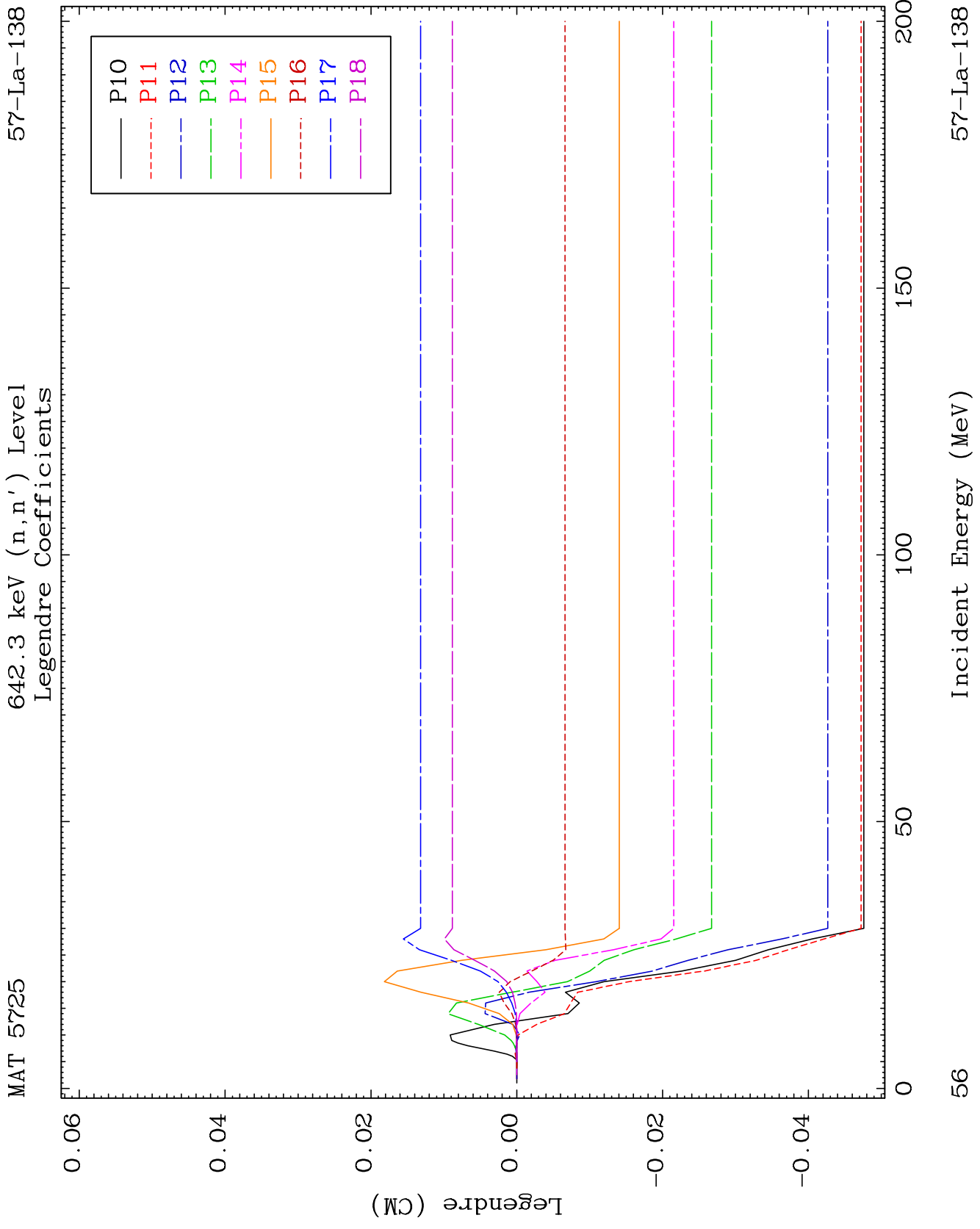
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54

57-La-138

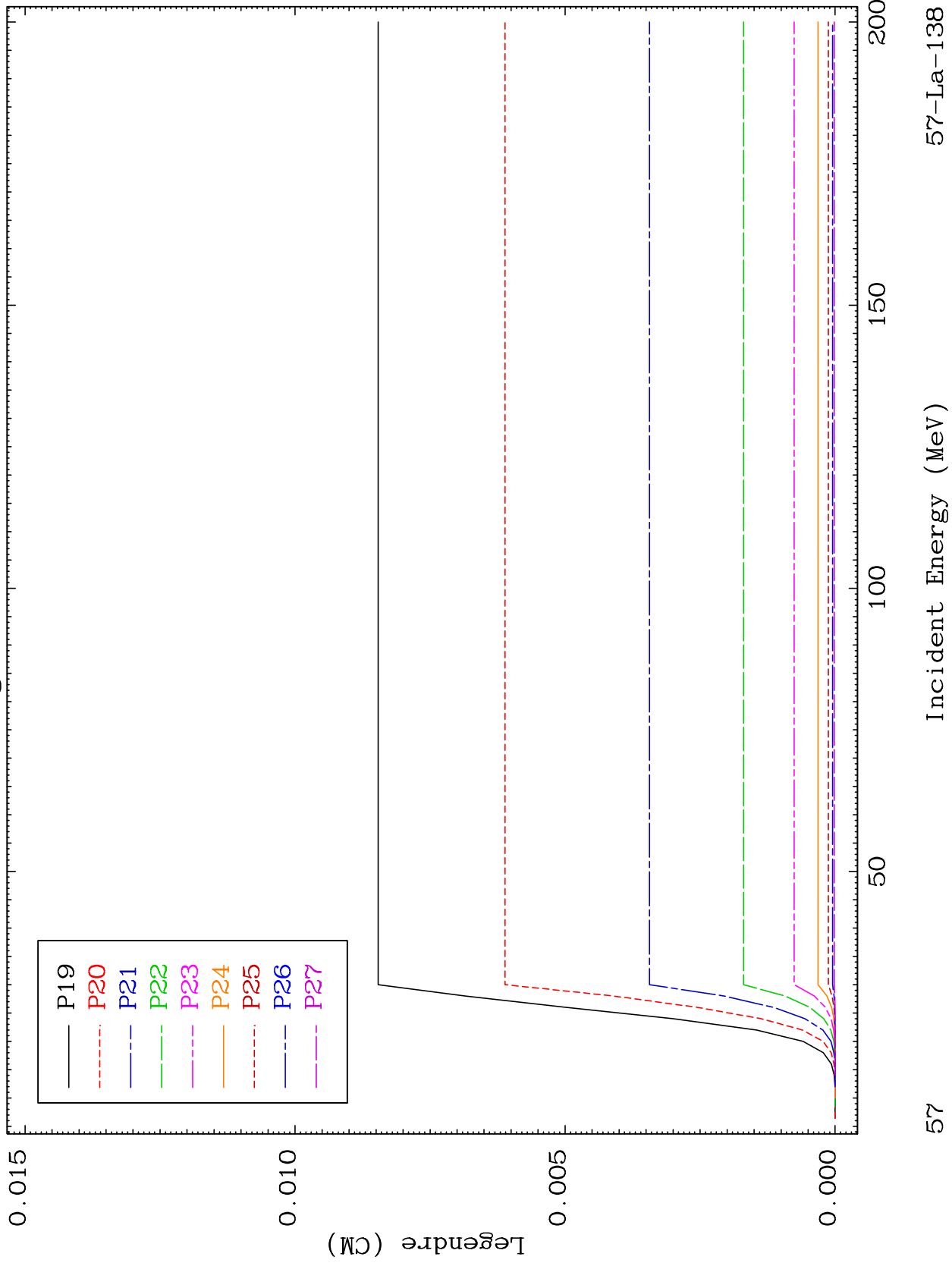




MAT 5725

642.3 keV (n,n') Level
Legendre Coefficients

57-La-138



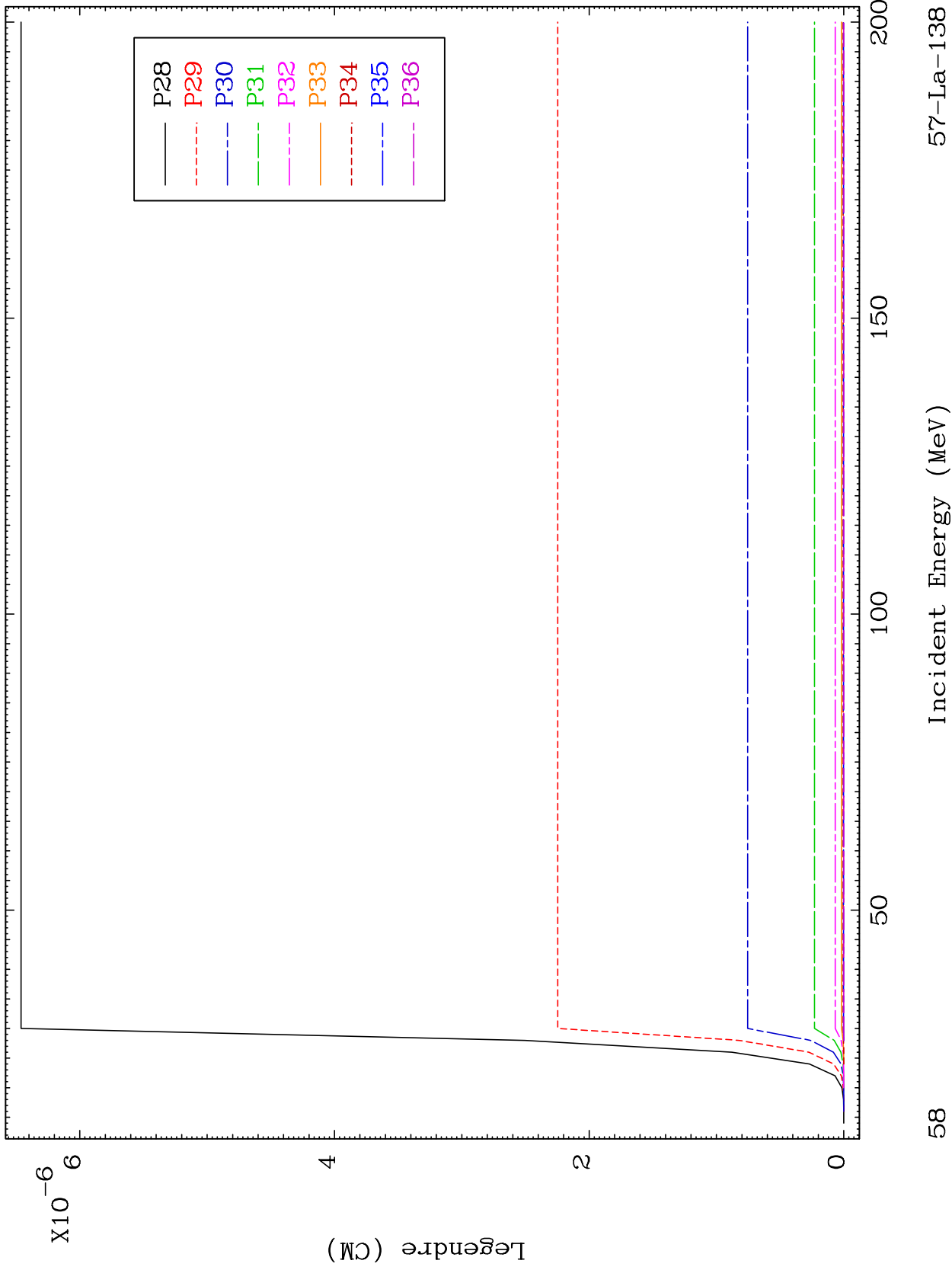
57

57-La-138

MAT 5725

642.3 keV (n,n') Level
Legendre Coefficients

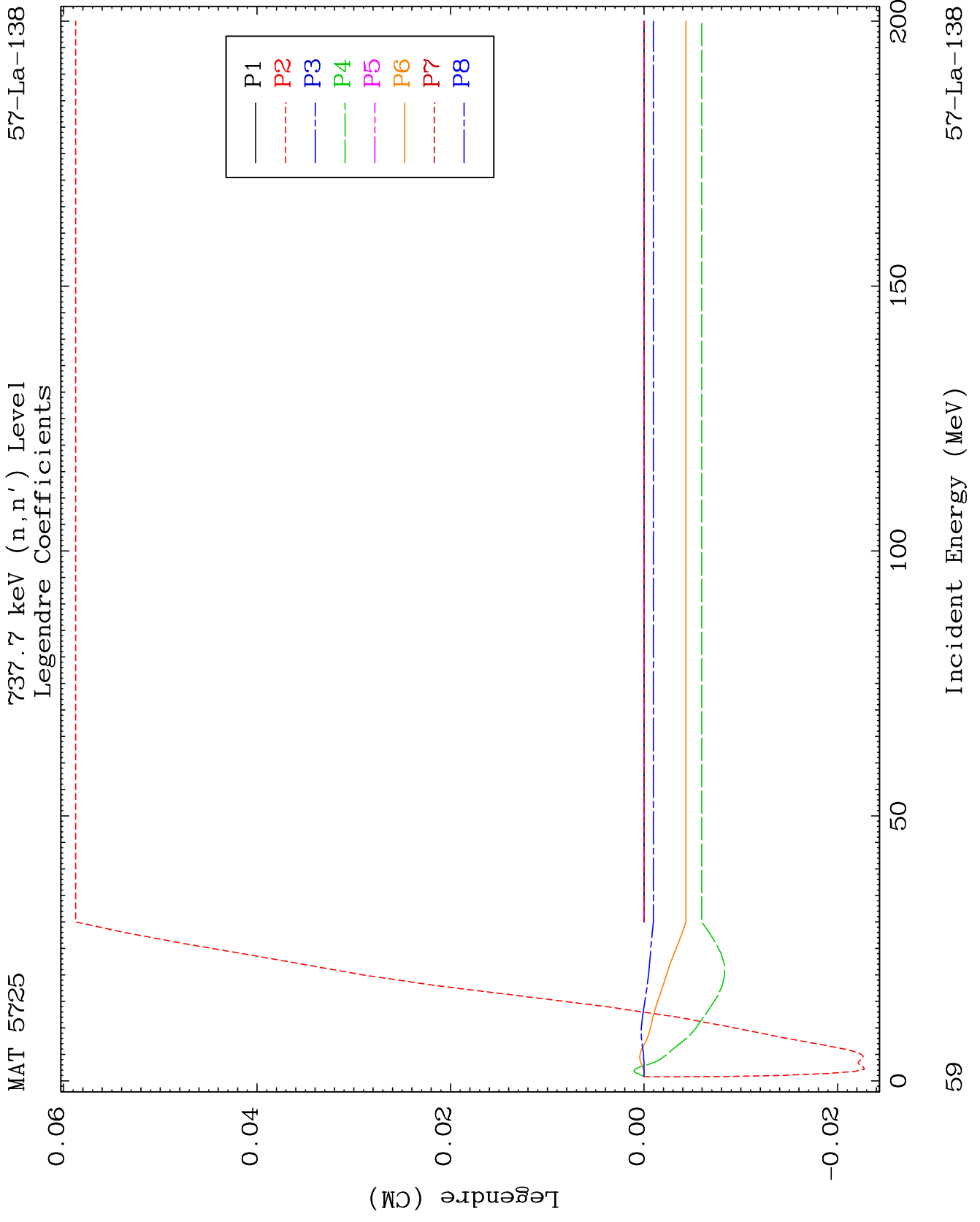
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58

Incident Energy (MeV)

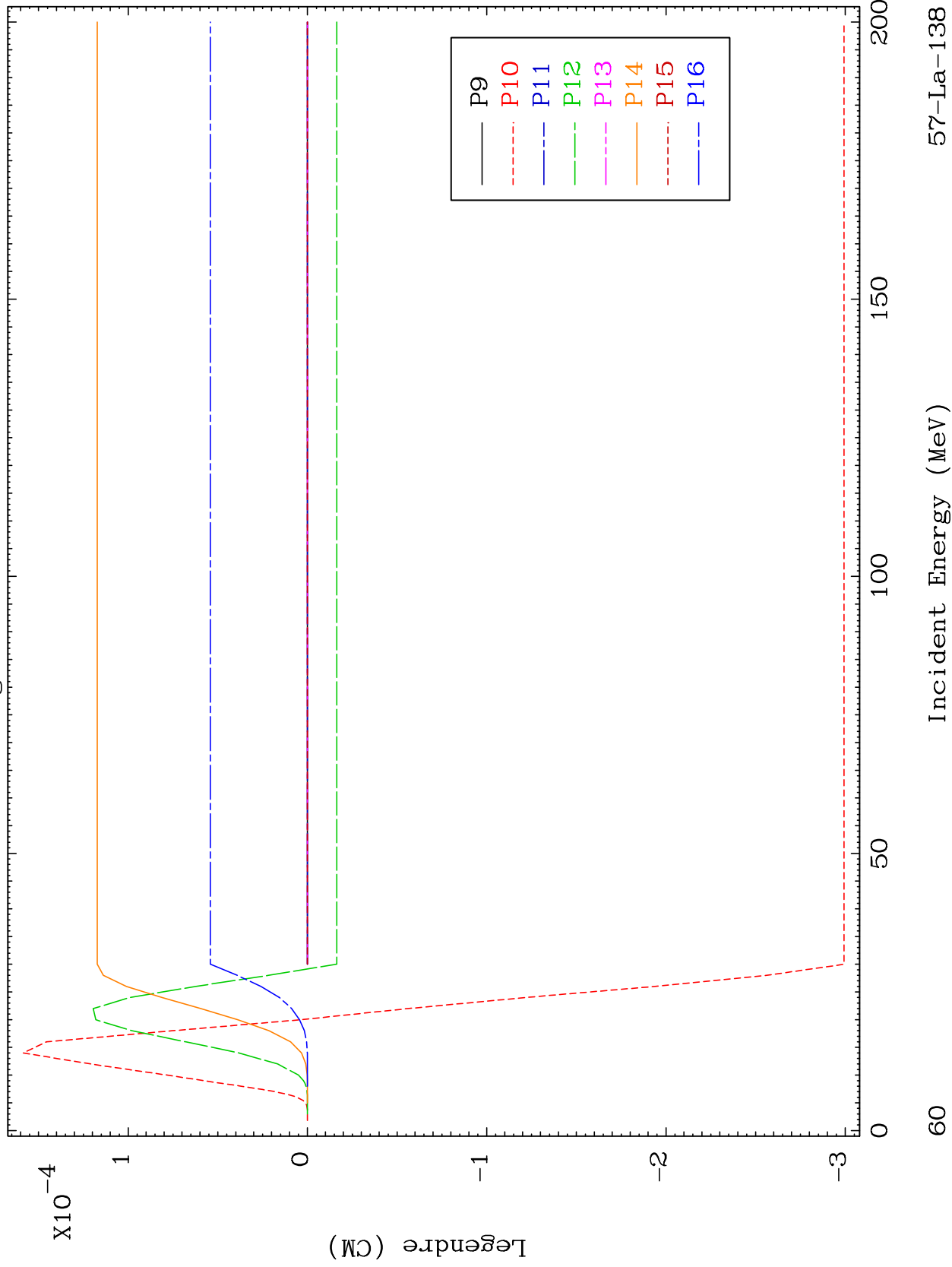
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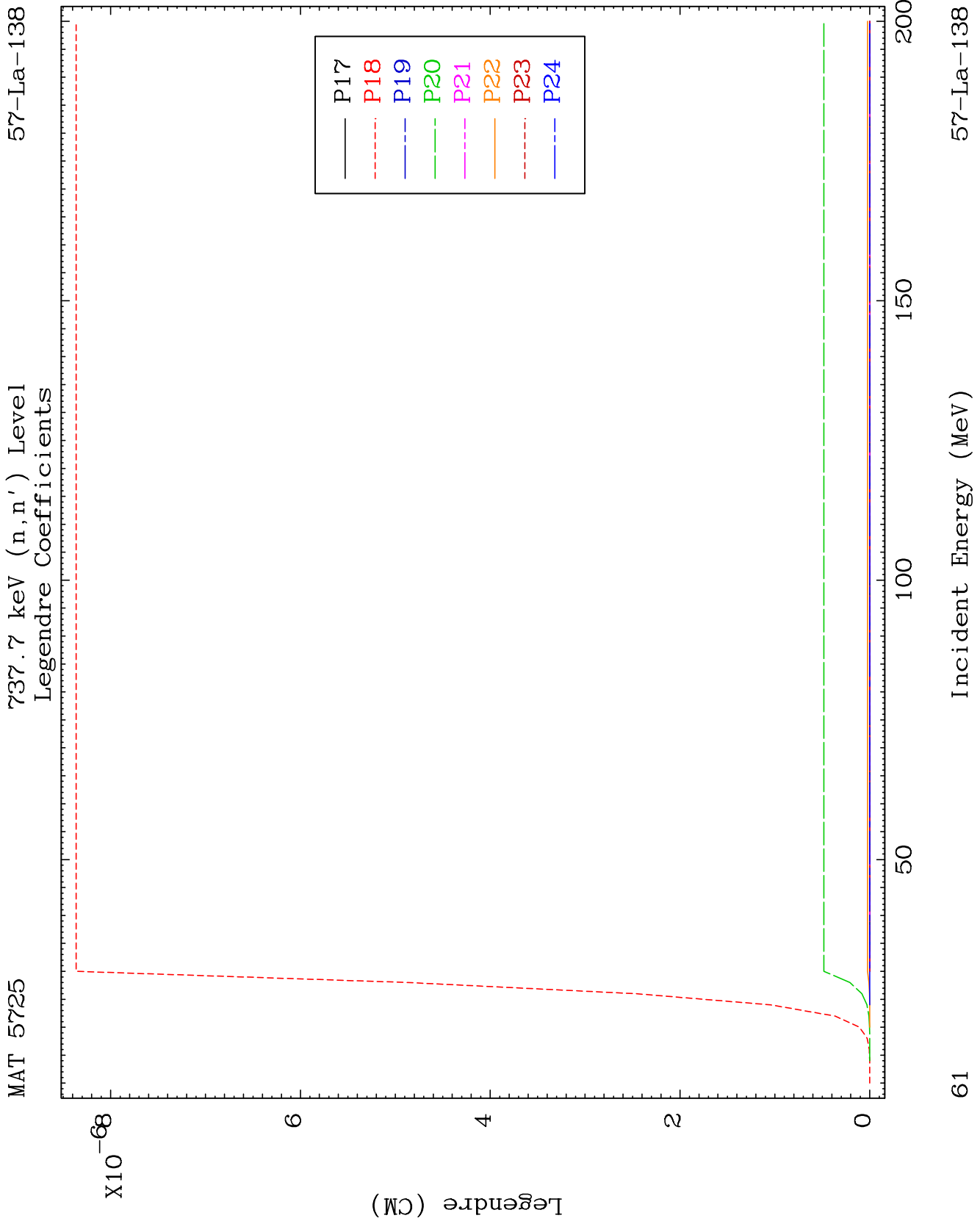
MAT 5725

737.7 keV (n,n') Level
Legendre Coefficients

57-La-138



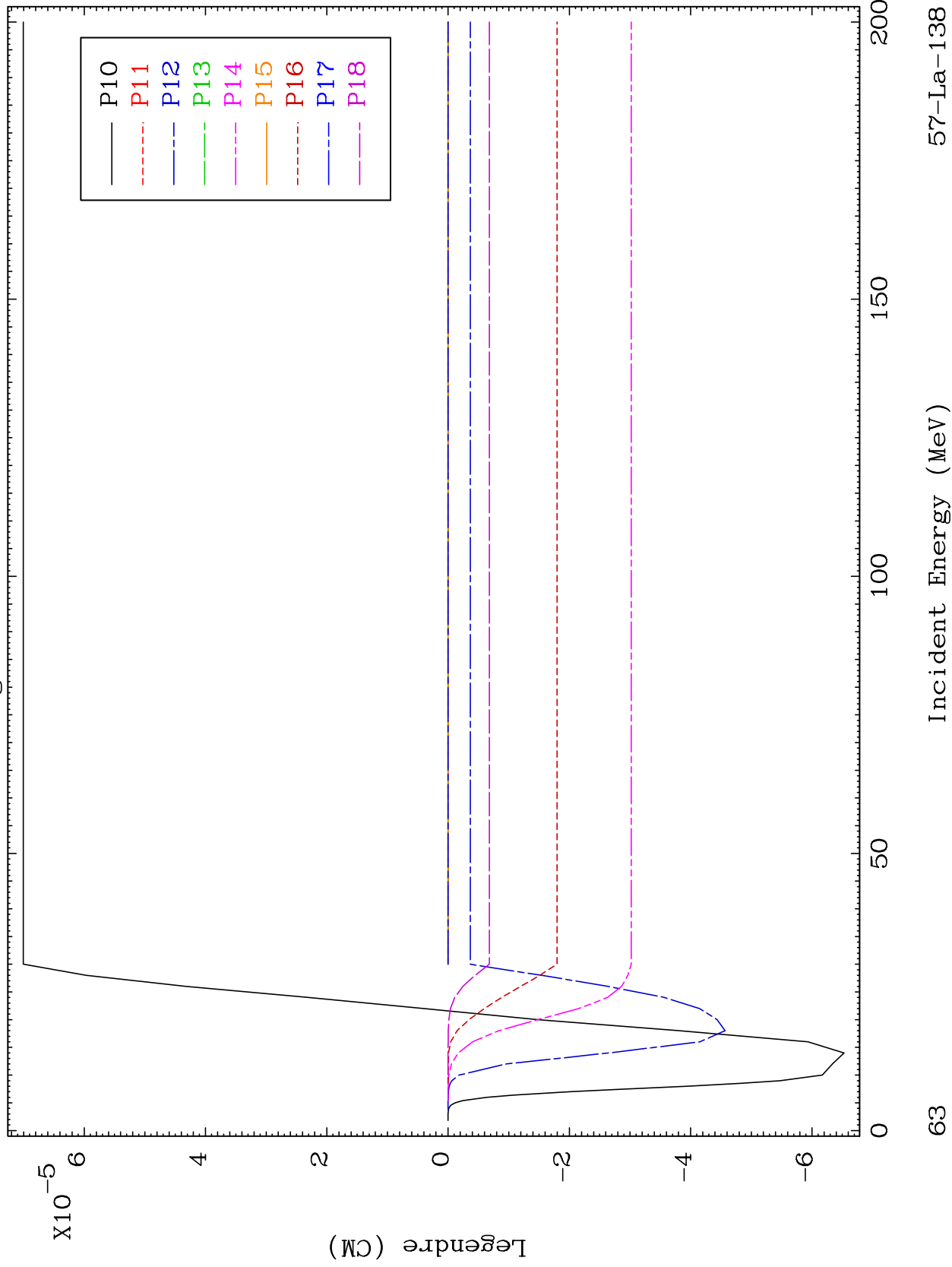
57-La-138



MAT 5725

738.7 keV (n,n') Level
Legendre Coefficients

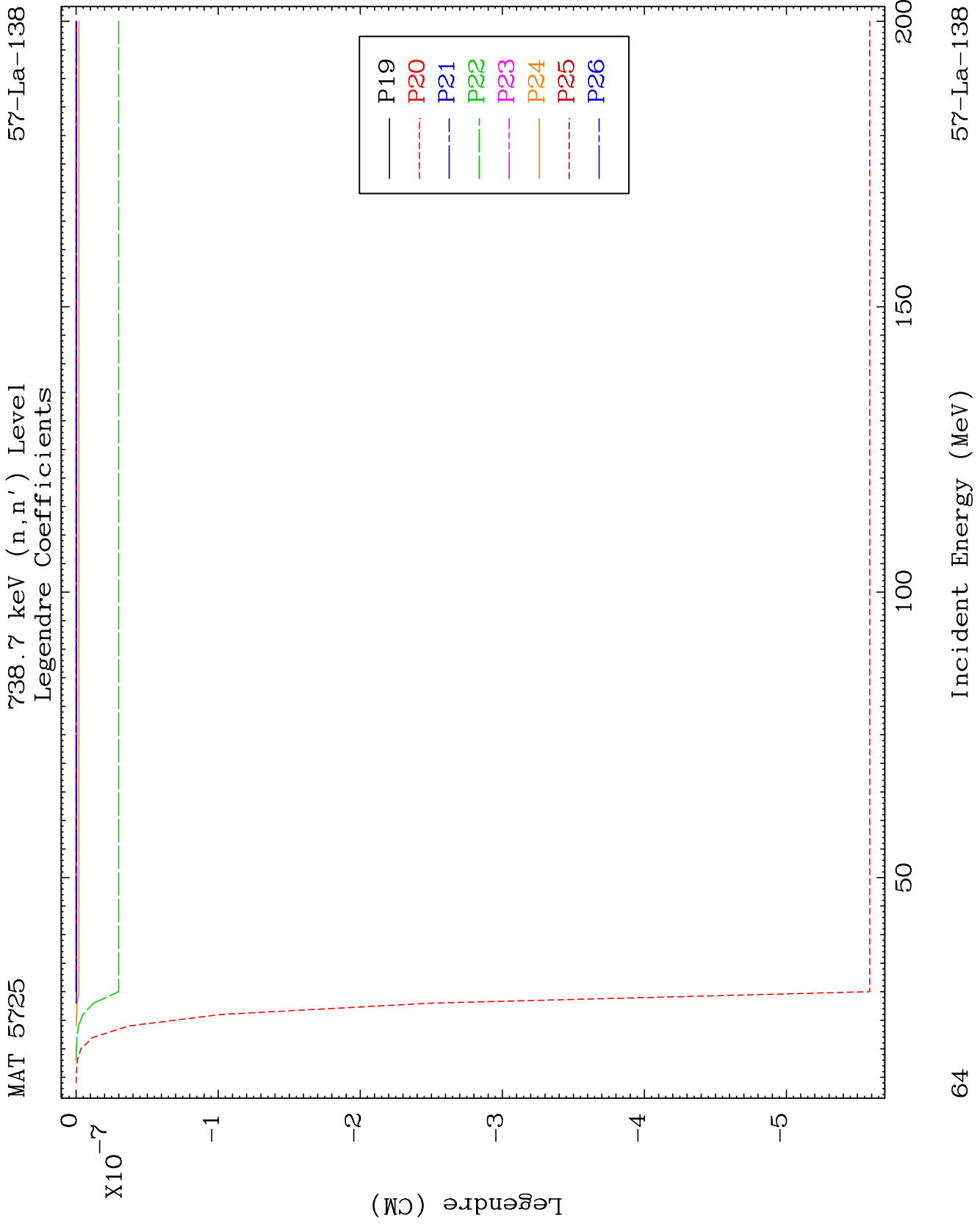
57-La-138



57-La-138

Incident Energy (MeV)

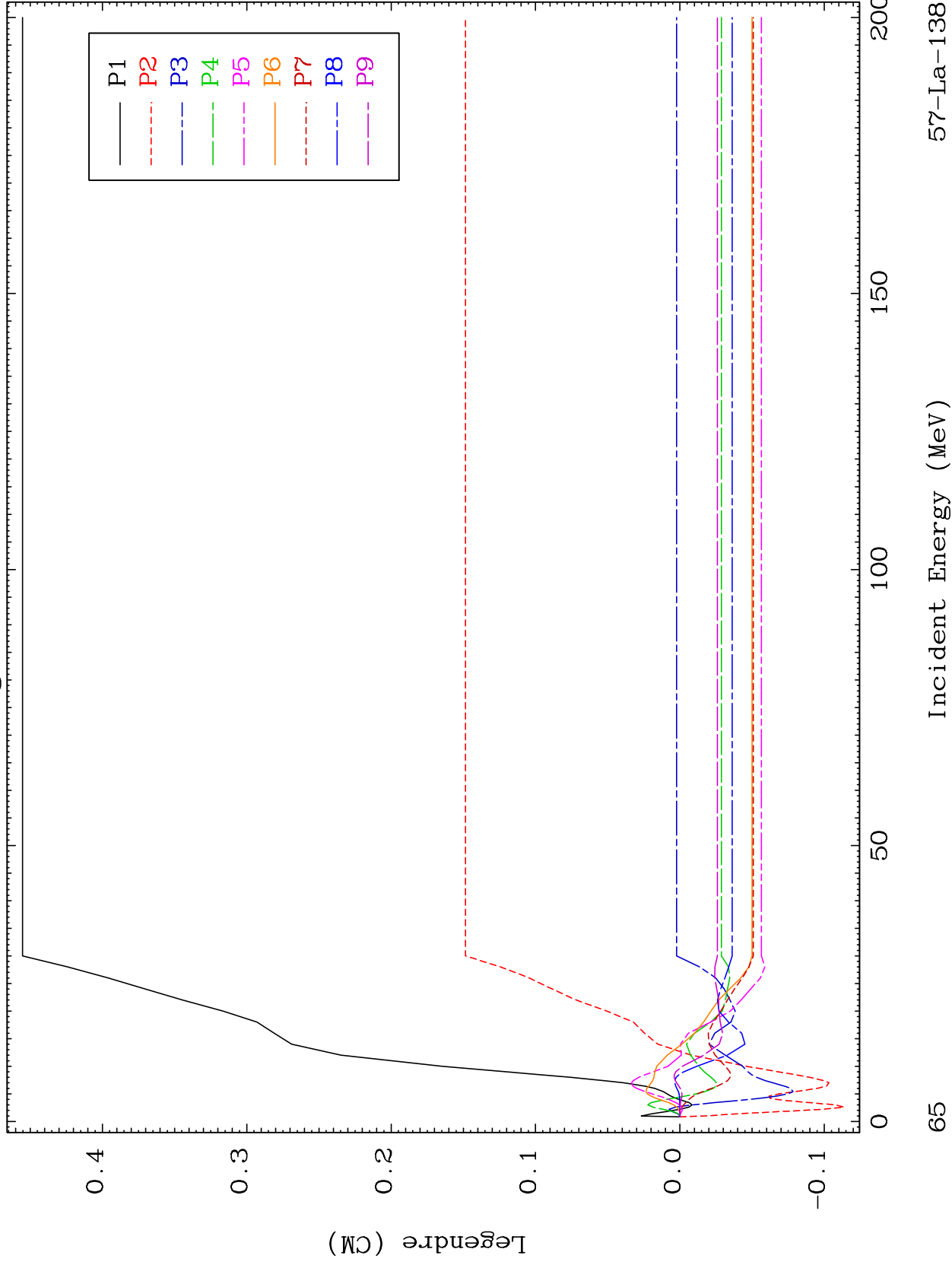
63



MAT 5725

823.4 keV (n,n') Level
Legendre Coefficients

57-La-138



57-La-138

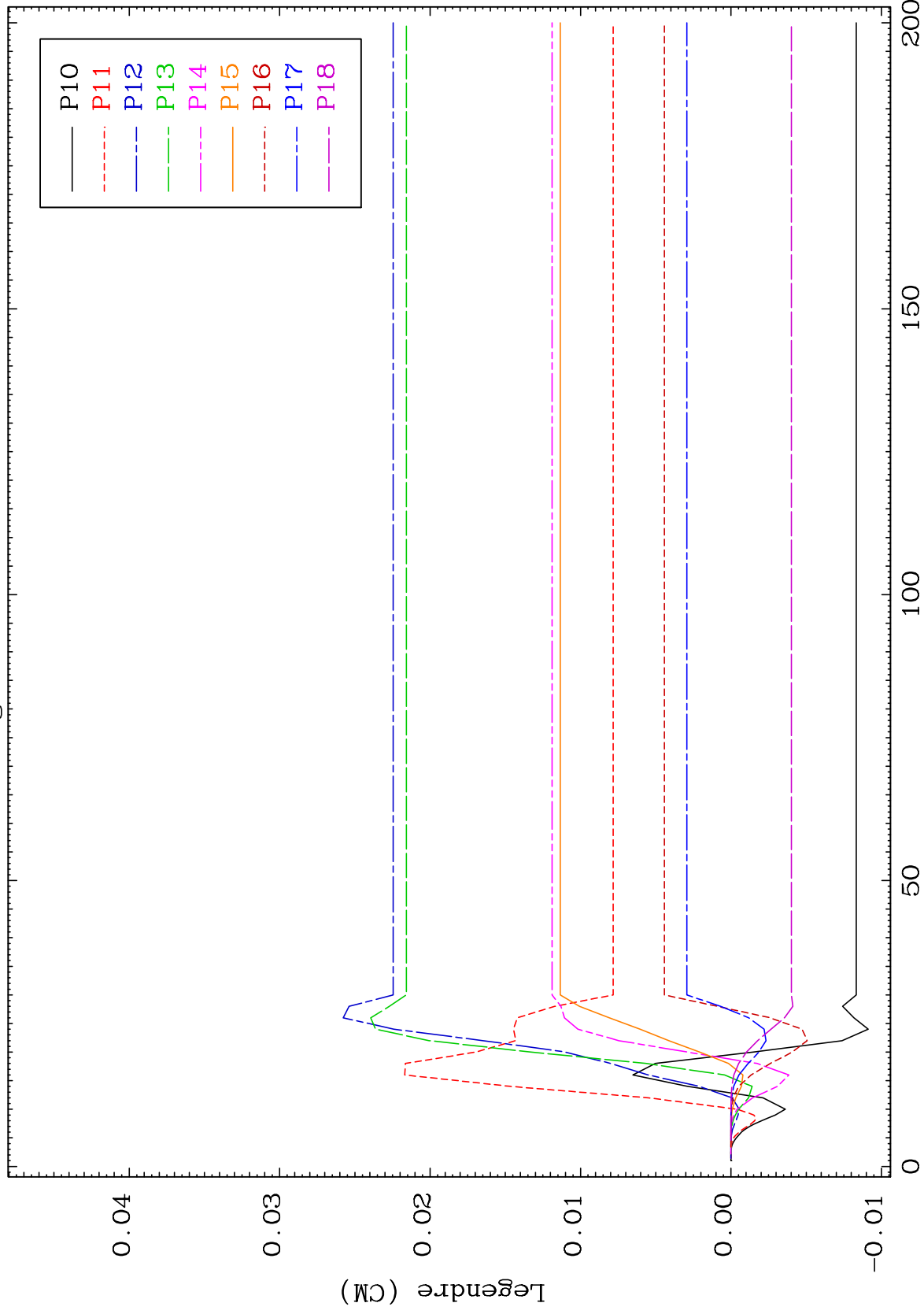
Incident Energy (MeV)

65

MAT 5725

823.4 keV (n,n') Level
Legendre Coefficients

57-La-138



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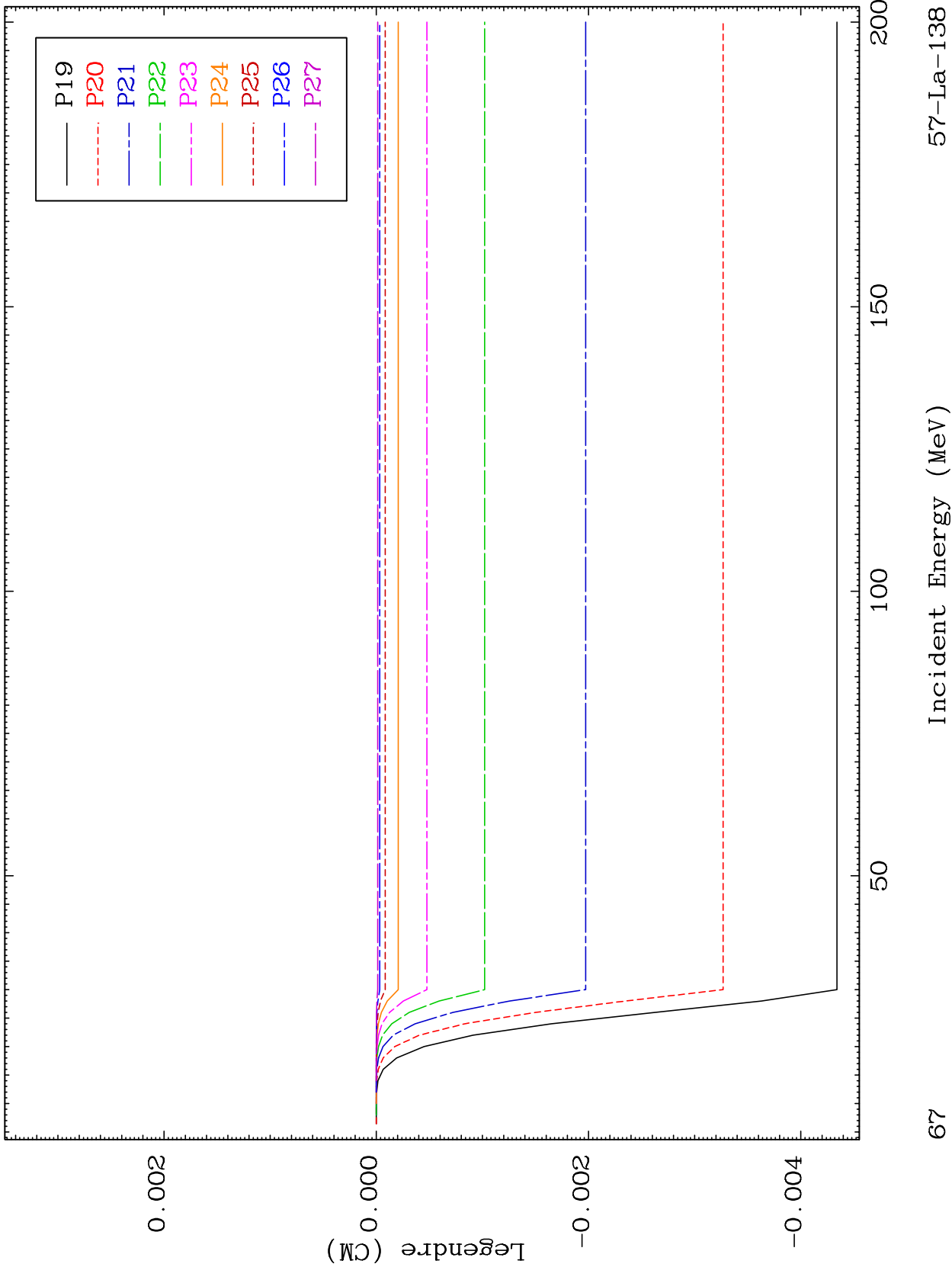
Incident Energy (MeV)

57-La-138

MAT 5725

823.4 keV (n,n') Level
Legendre Coefficients

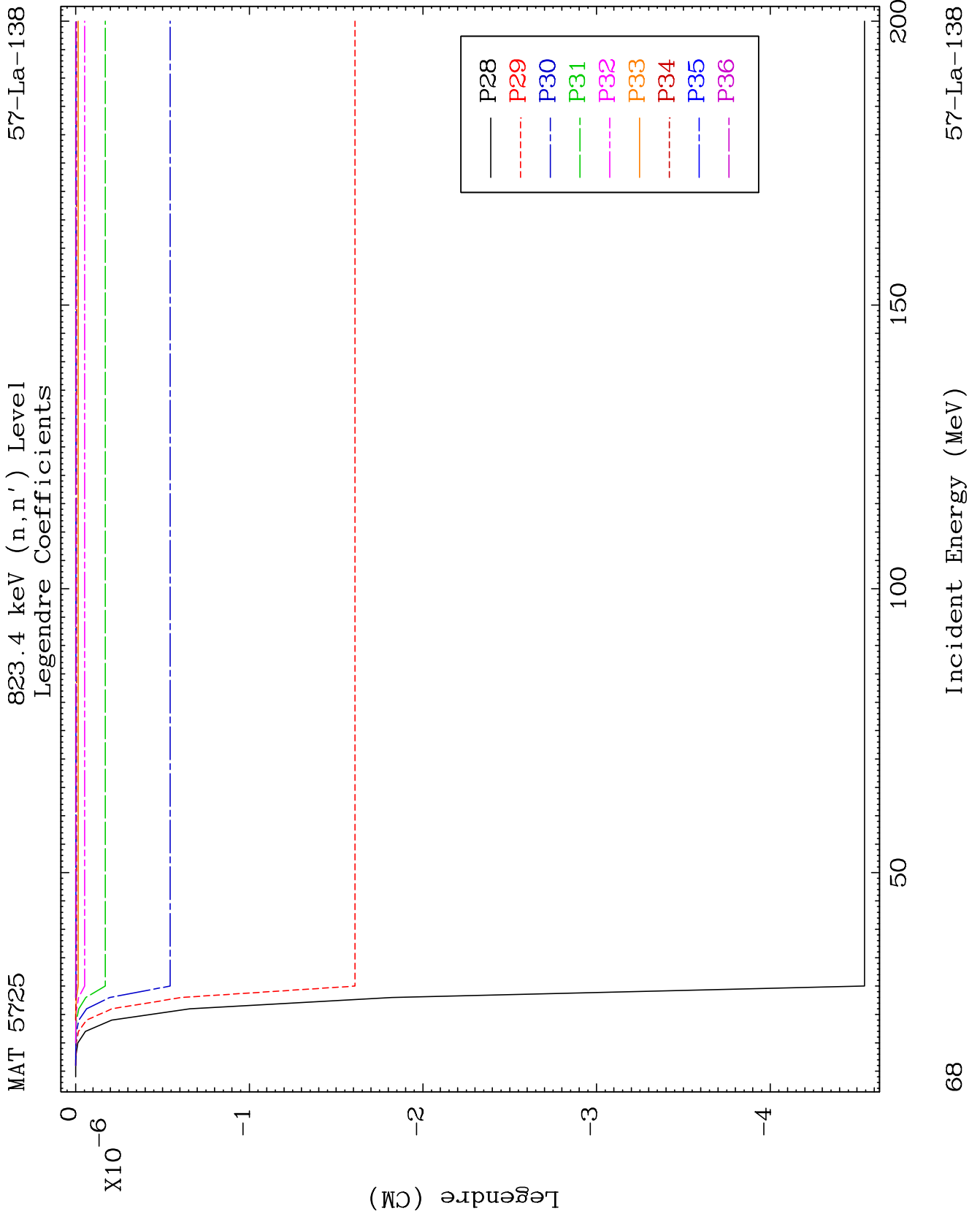
57-La-138



67

Incident Energy (MeV)

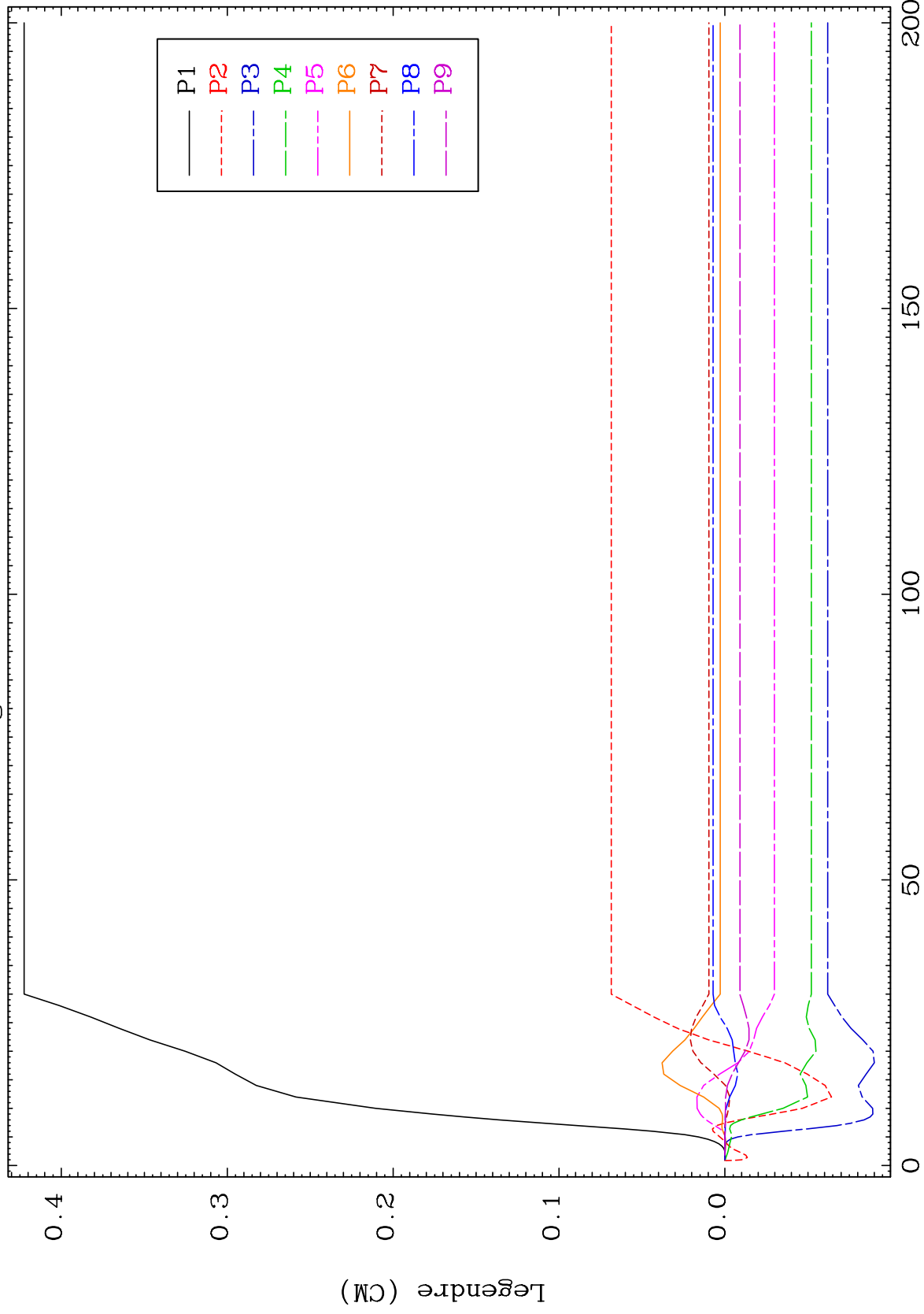
57-La-138



MAT 5725

836.0 keV (n,n') Level
Legendre Coefficients

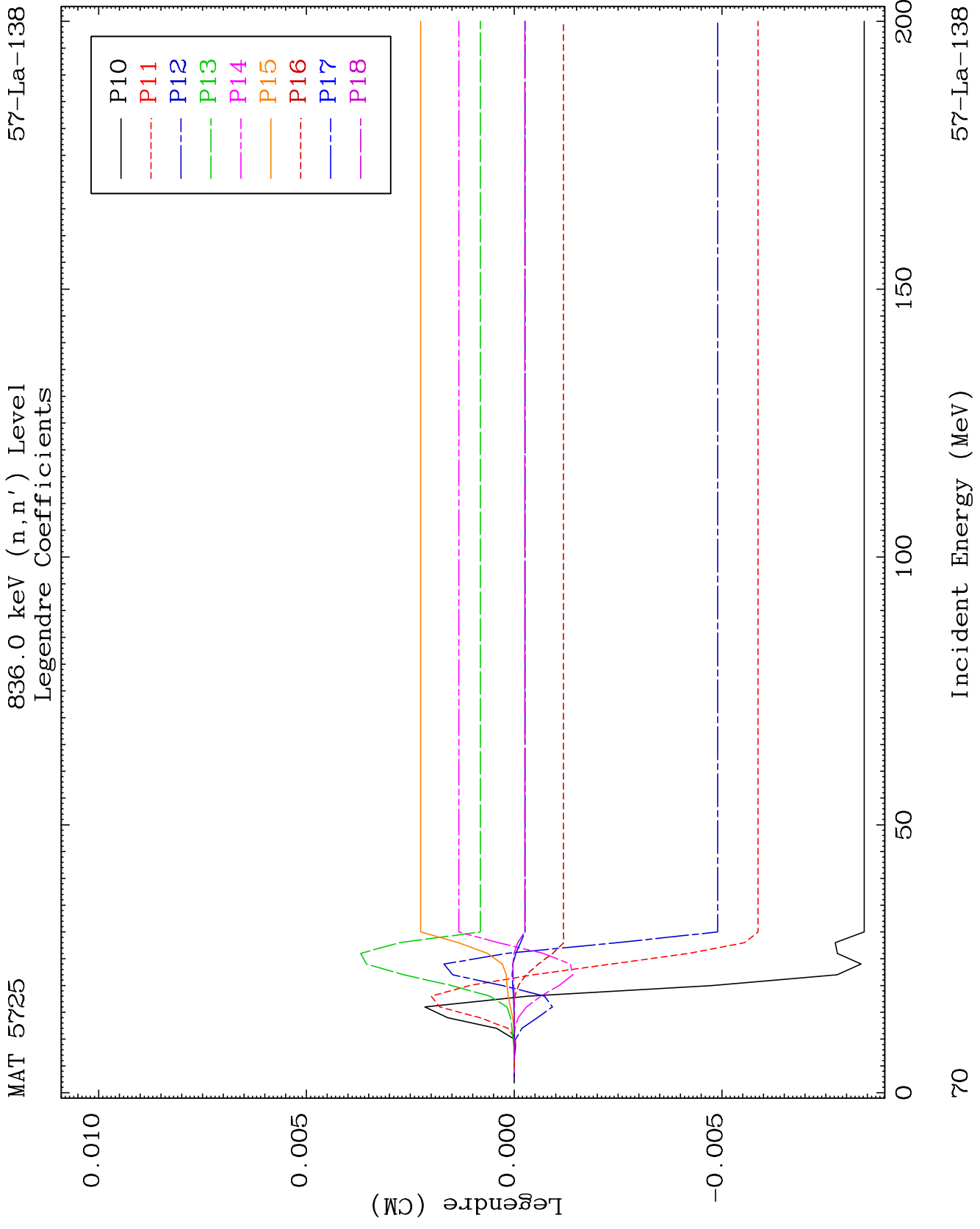
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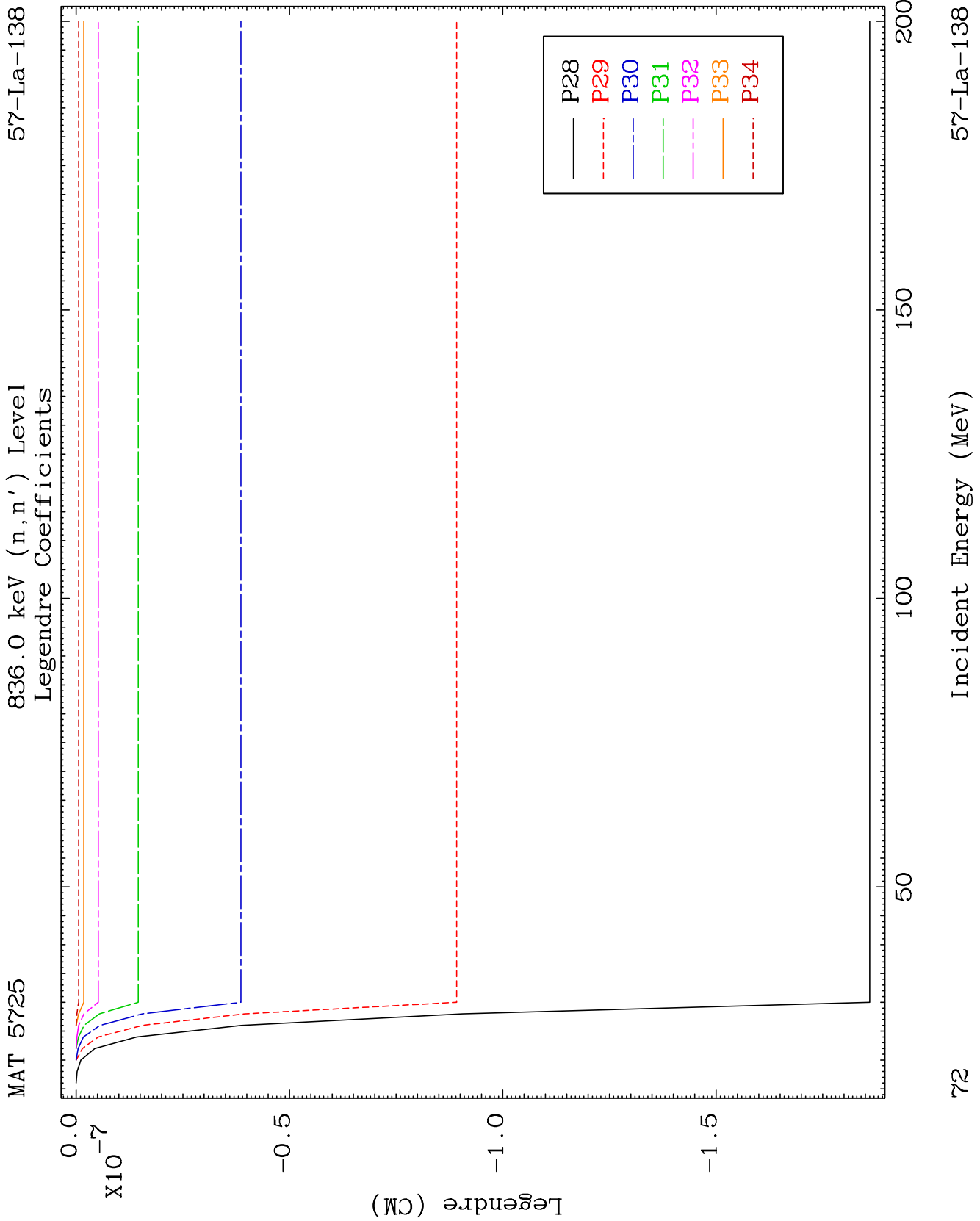


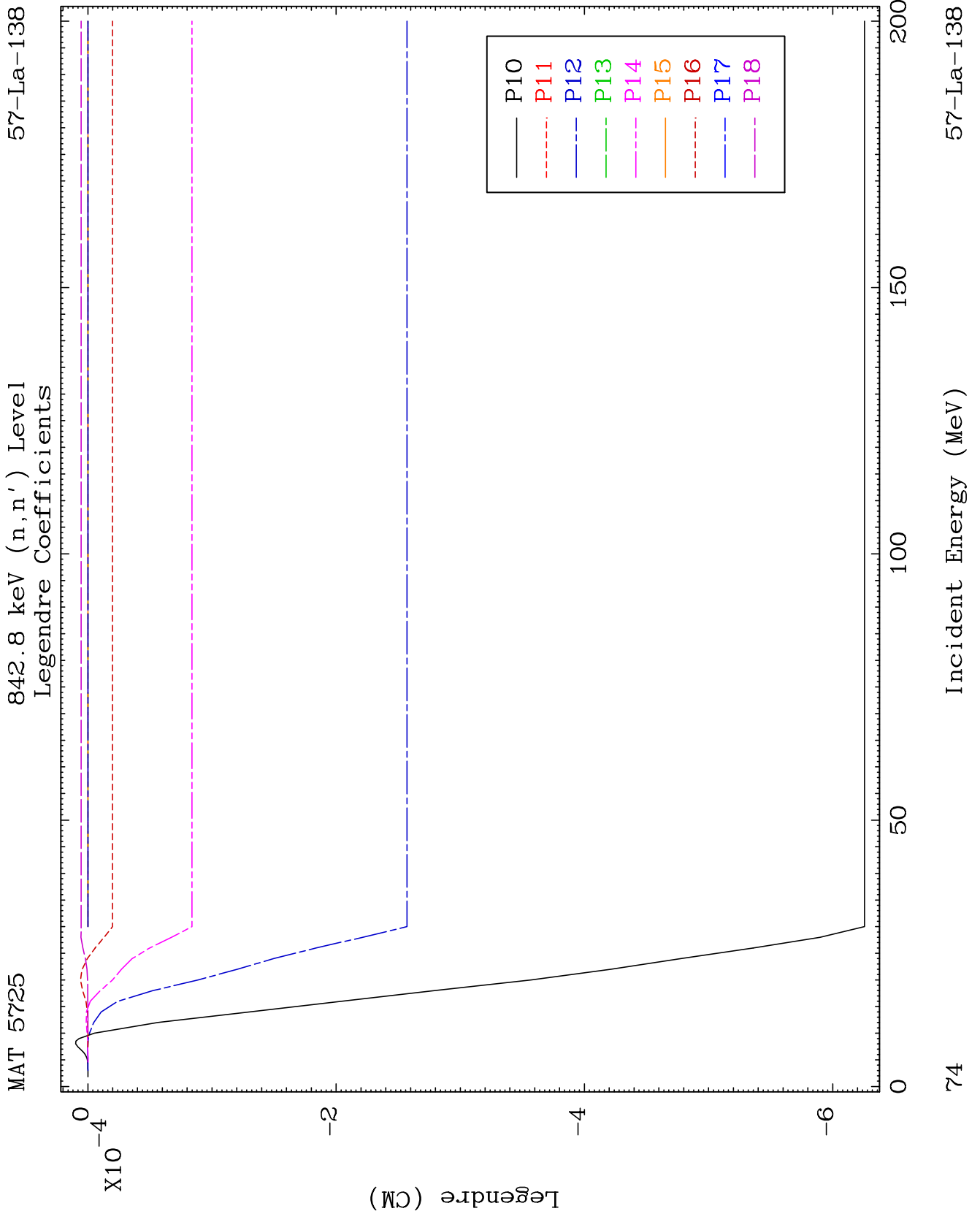
69

Incident Energy (MeV)

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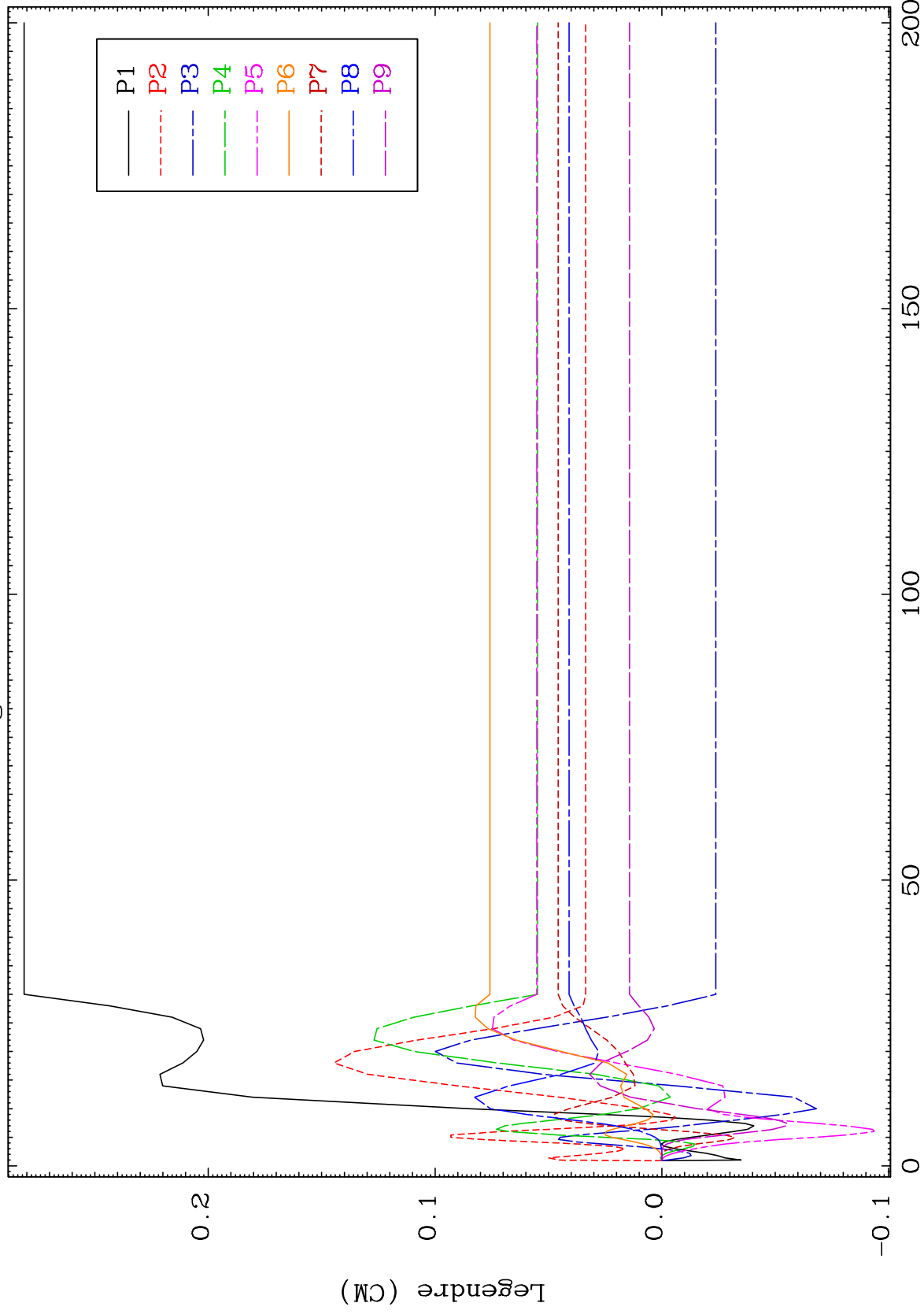




MAT 5725

888.0 keV (n,n') Level
Legendre Coefficients

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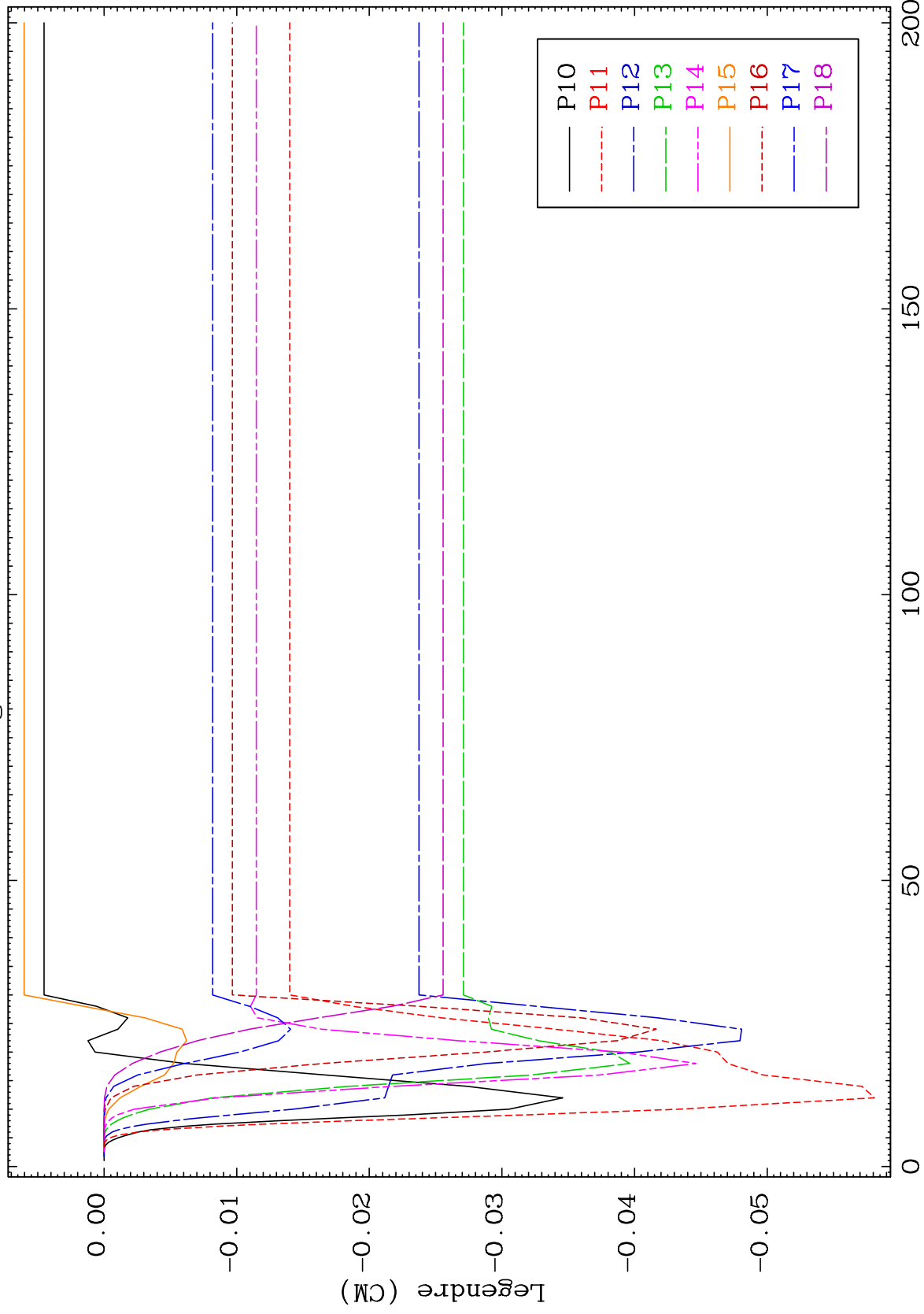
Incident Energy (MeV)

57-La-138

MAT 5725

888.0 keV (n,n') Level
Legendre Coefficients

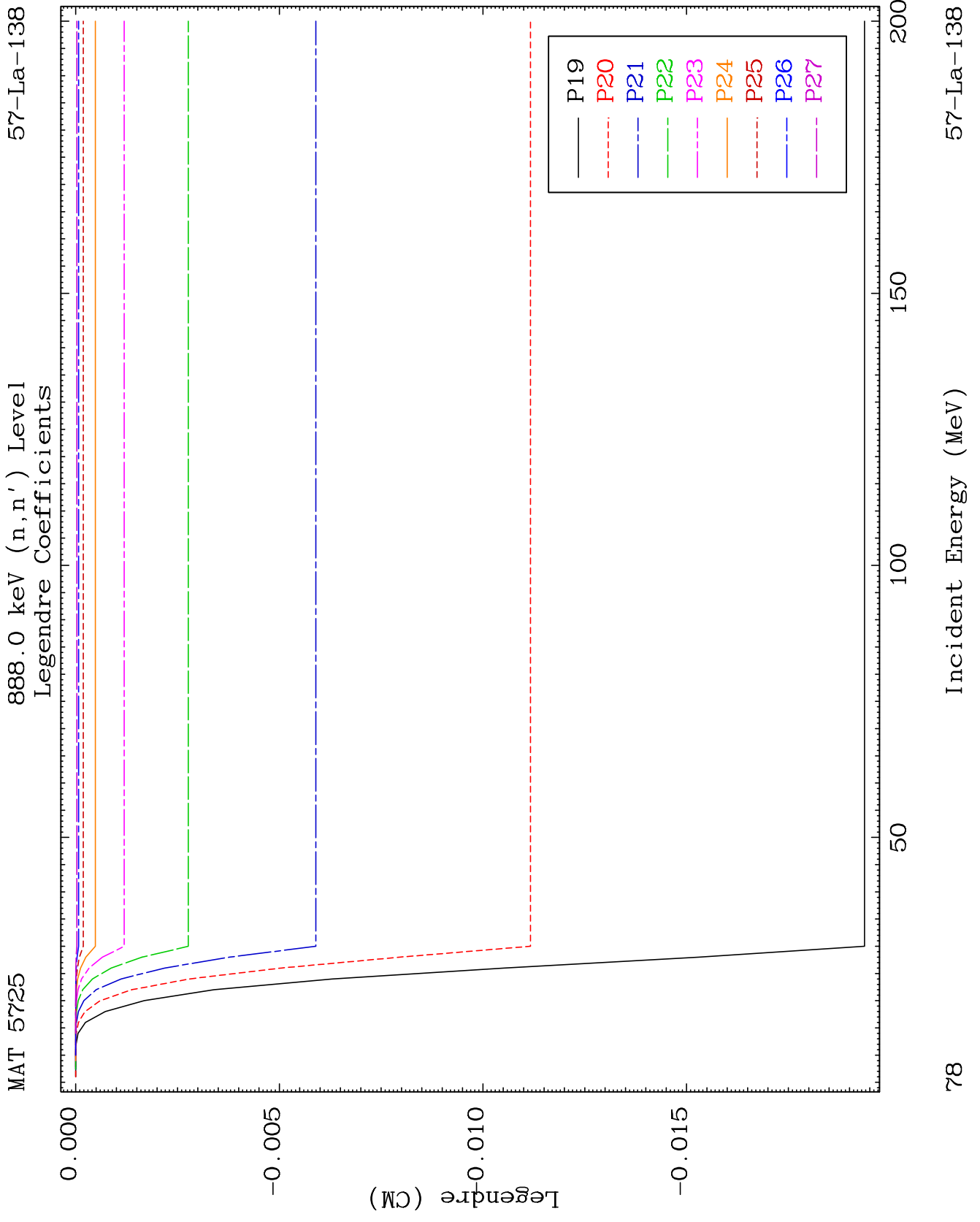
57-La-138

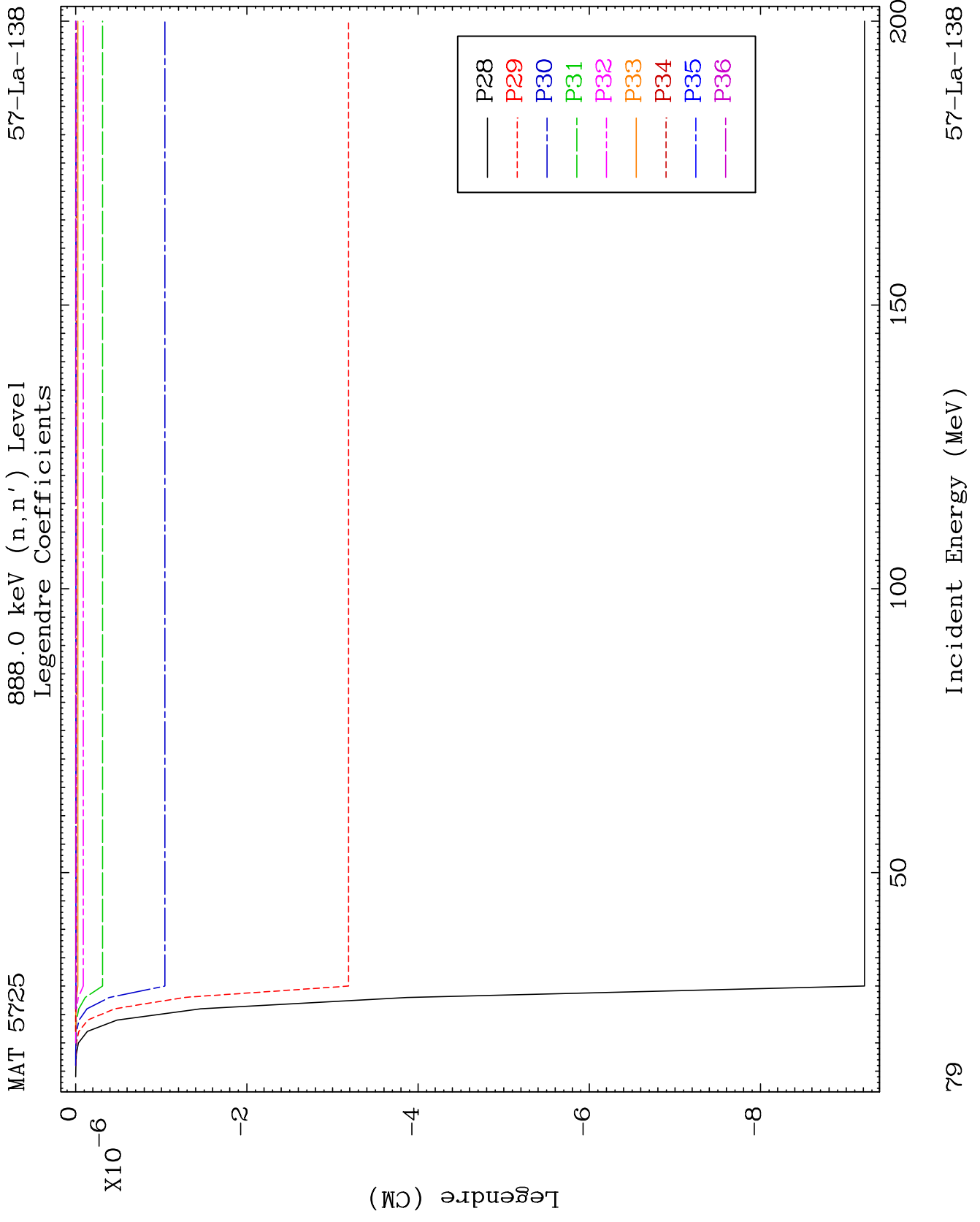


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Incident Energy (MeV)

57-La-138

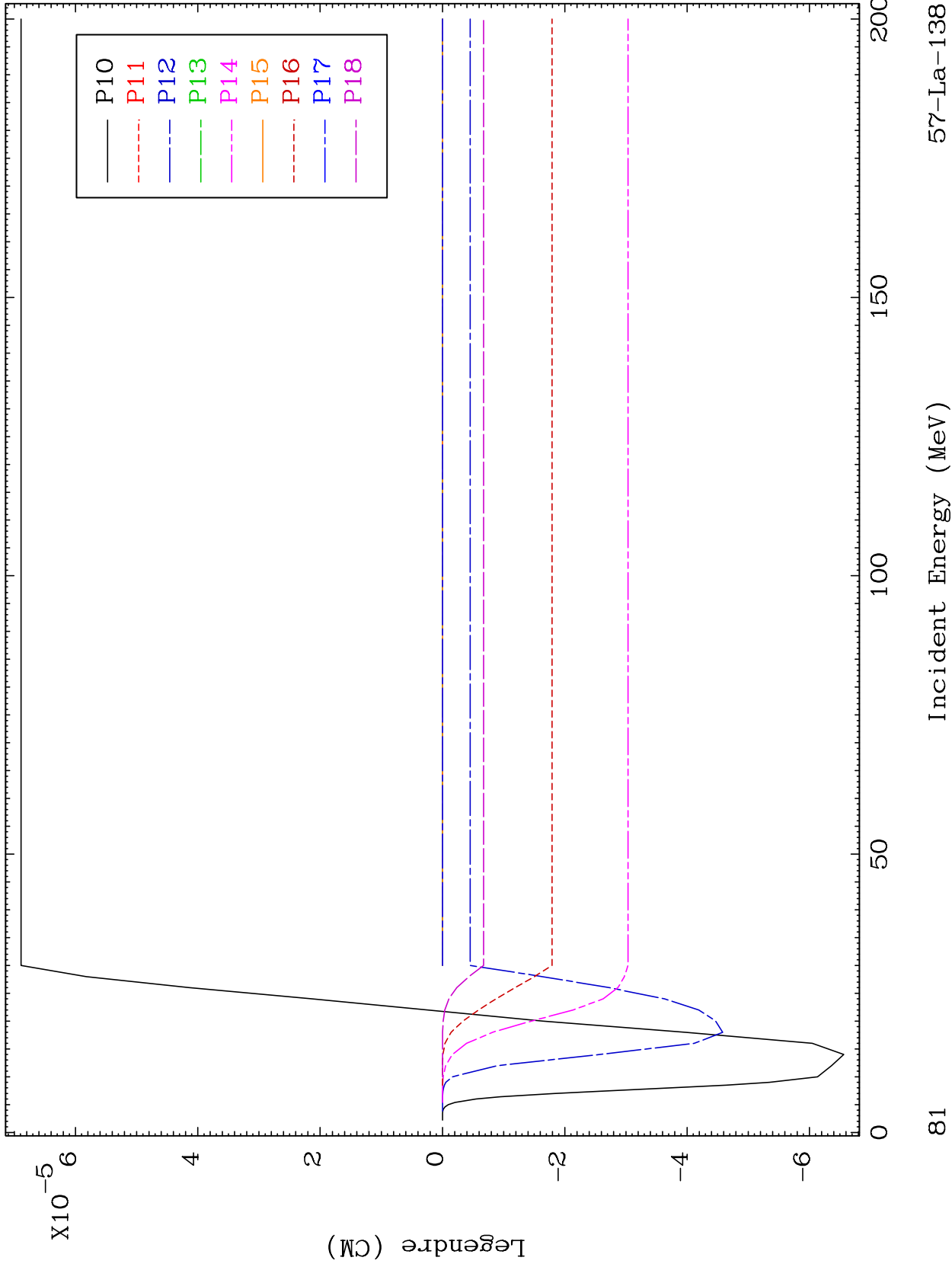




MAT 5725

900.6 keV (n,n') Level
Legendre Coefficients

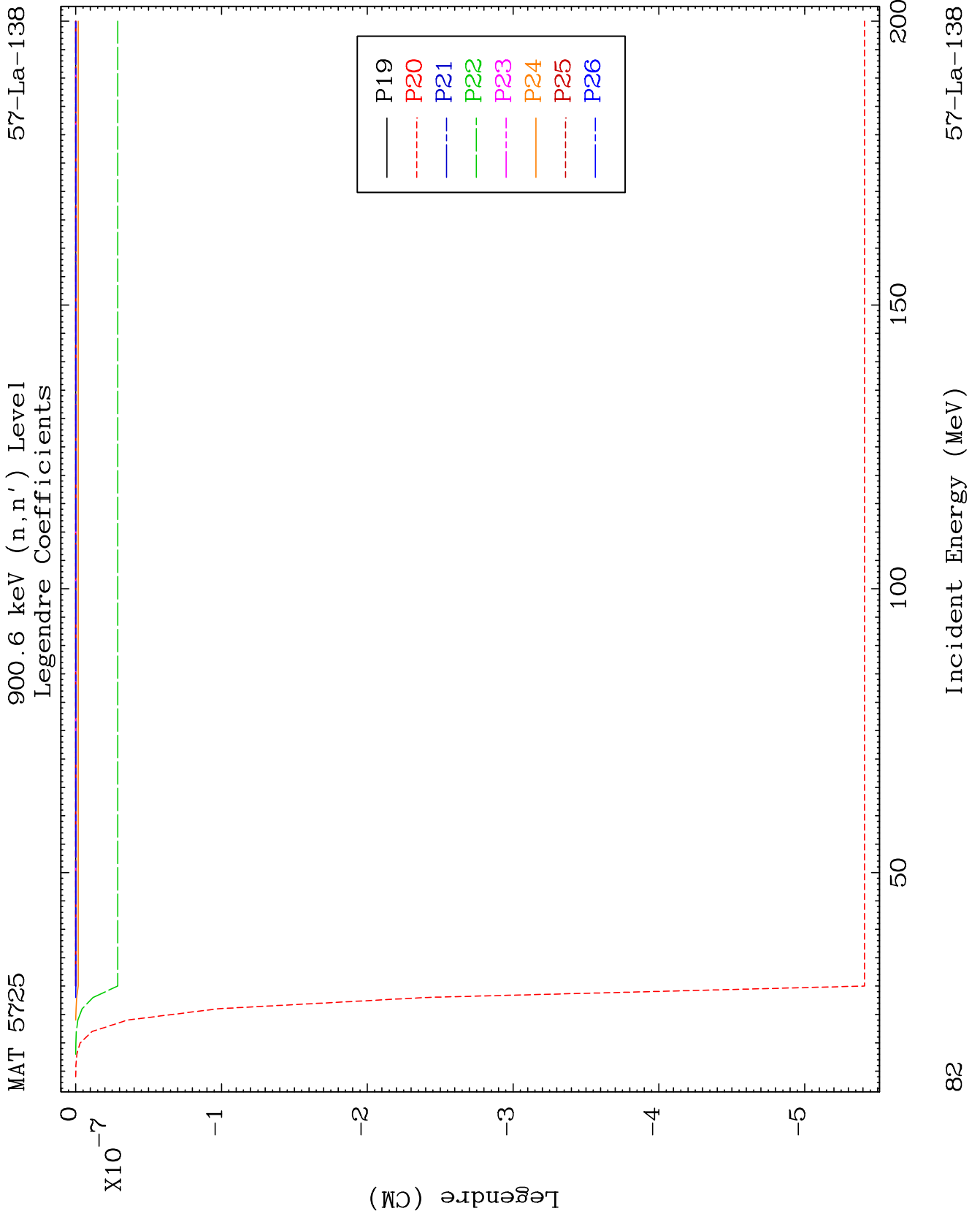
57-La-138



81

Incident Energy (MeV)

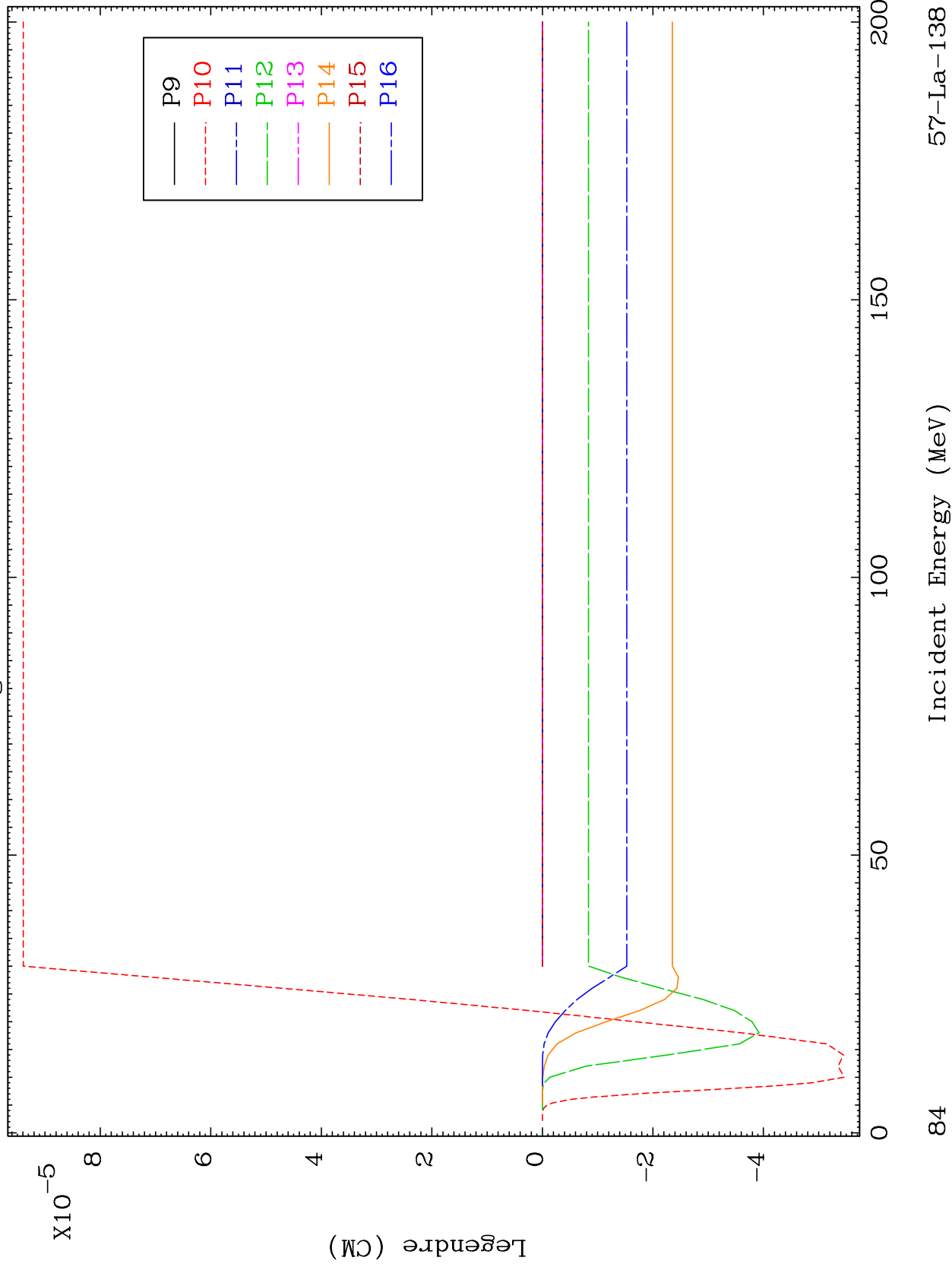
57-La-138



MAT 5725

929.0 keV (n,n') Level
Legendre Coefficients

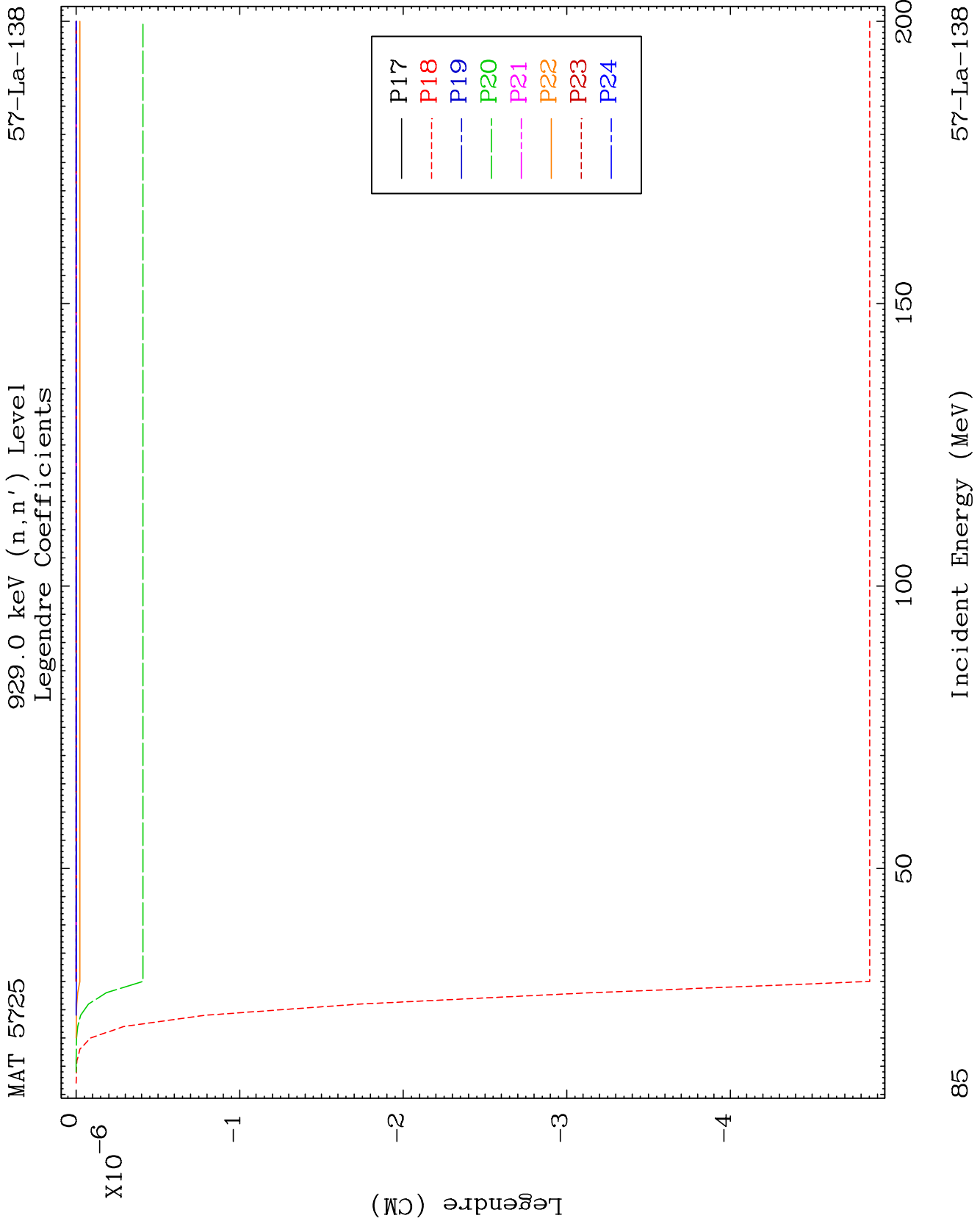
57-La-138



57-La-138

Incident Energy (MeV)

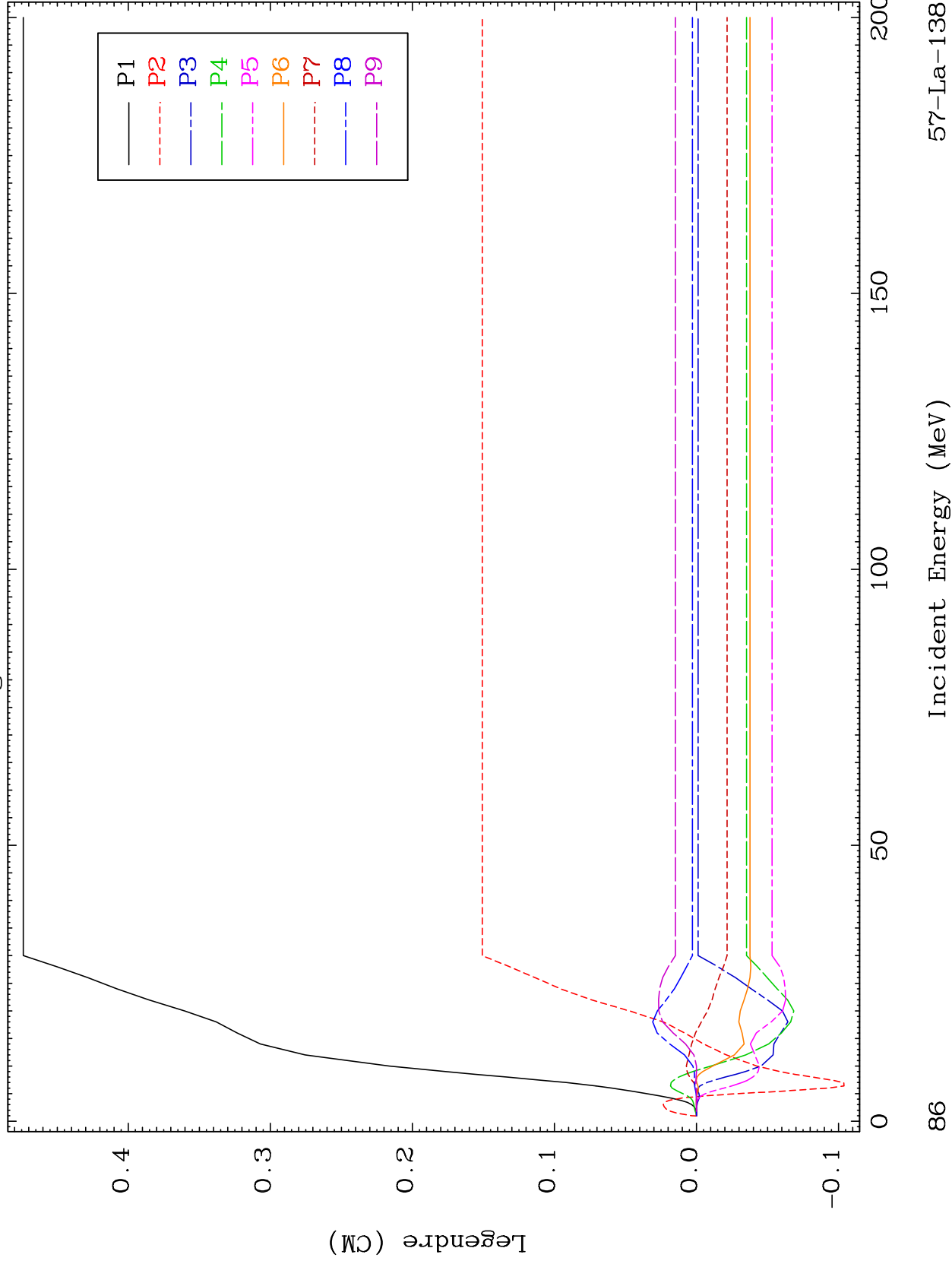
84



MAT 5725

936.9 keV (n,n') Level
Legendre Coefficients

57-La-138



57-La-138

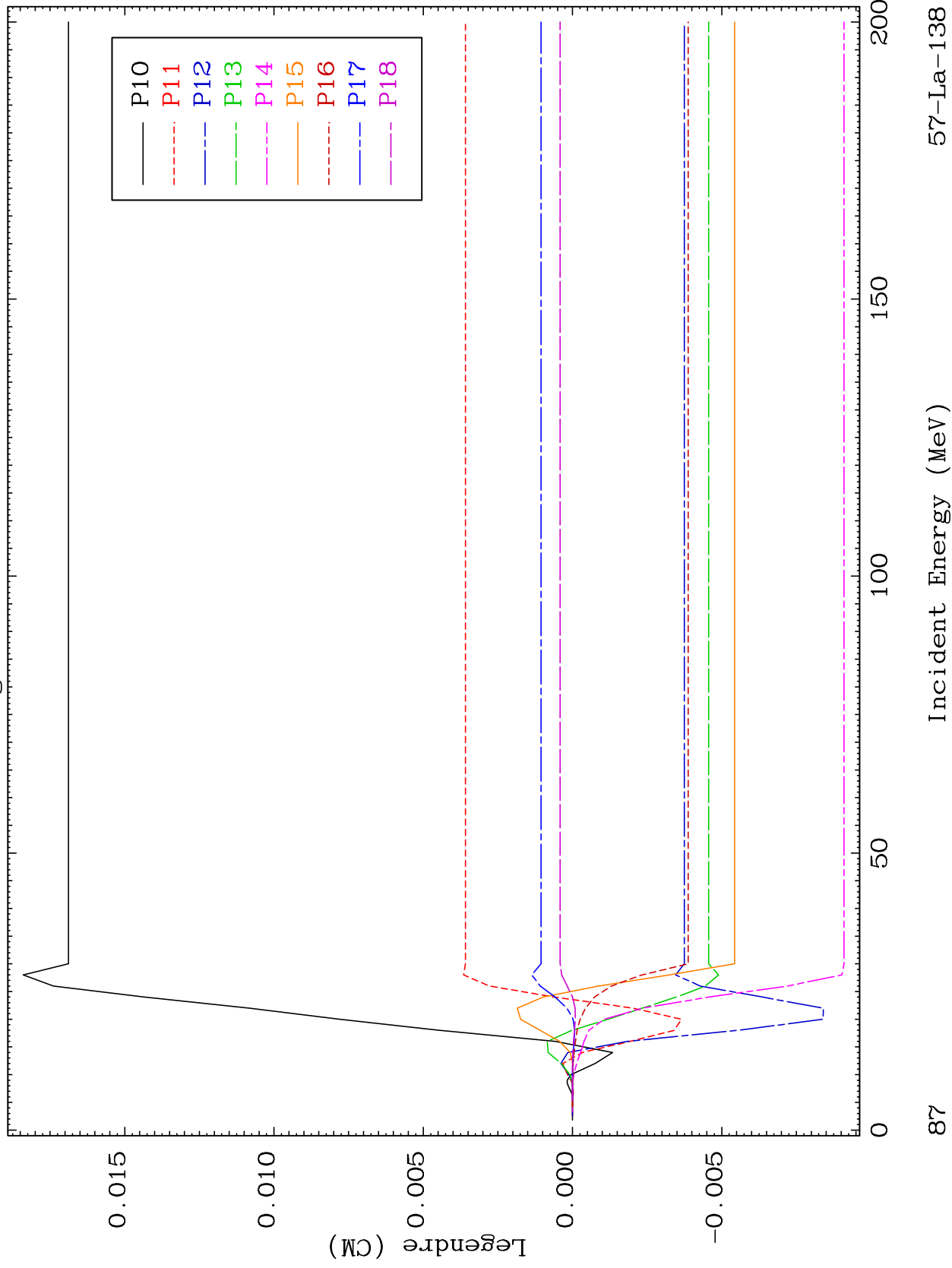
Incident Energy (MeV)

86

MAT 5725

936.9 keV (n,n') Level
Legendre Coefficients

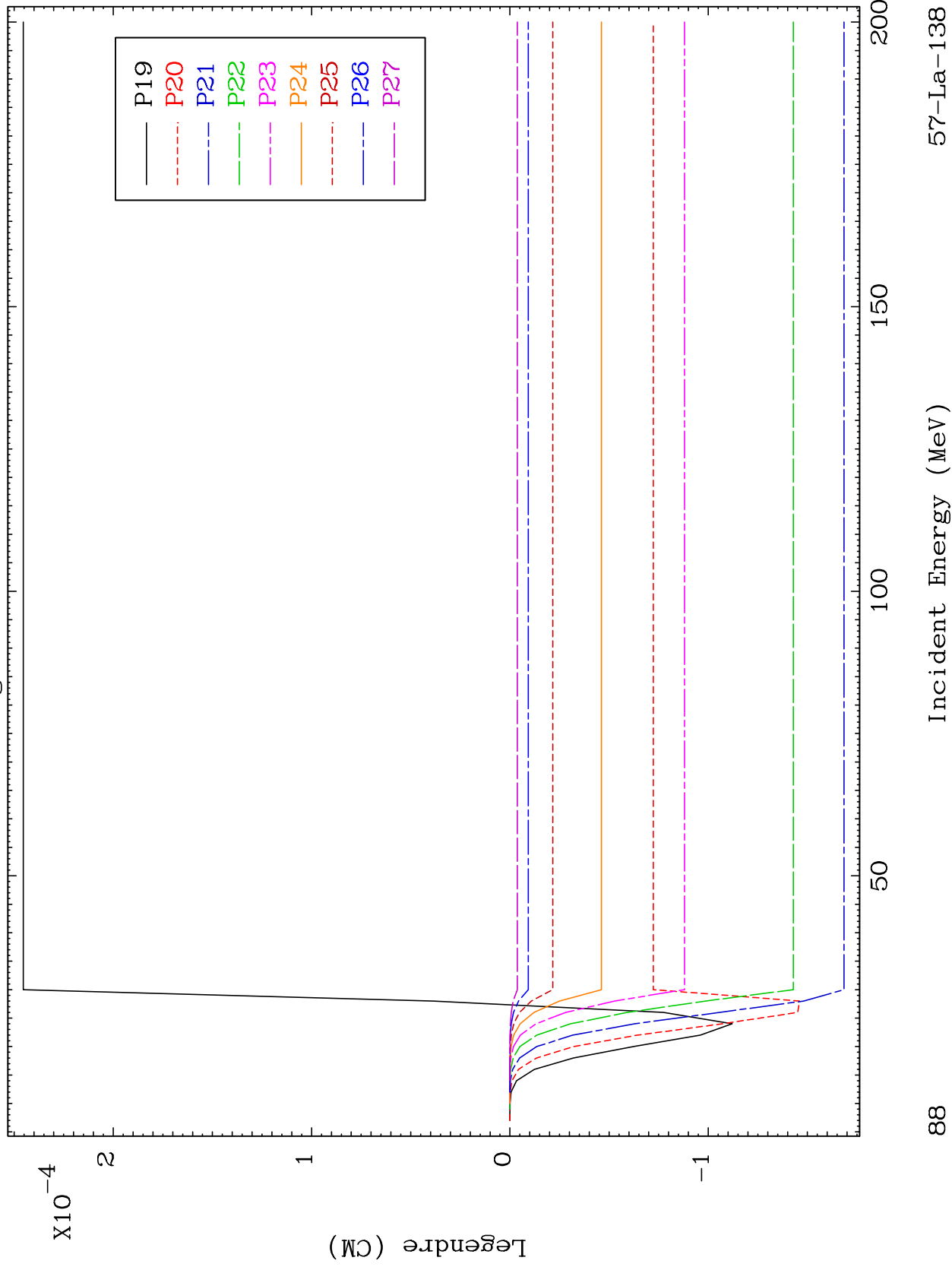
57-La-138

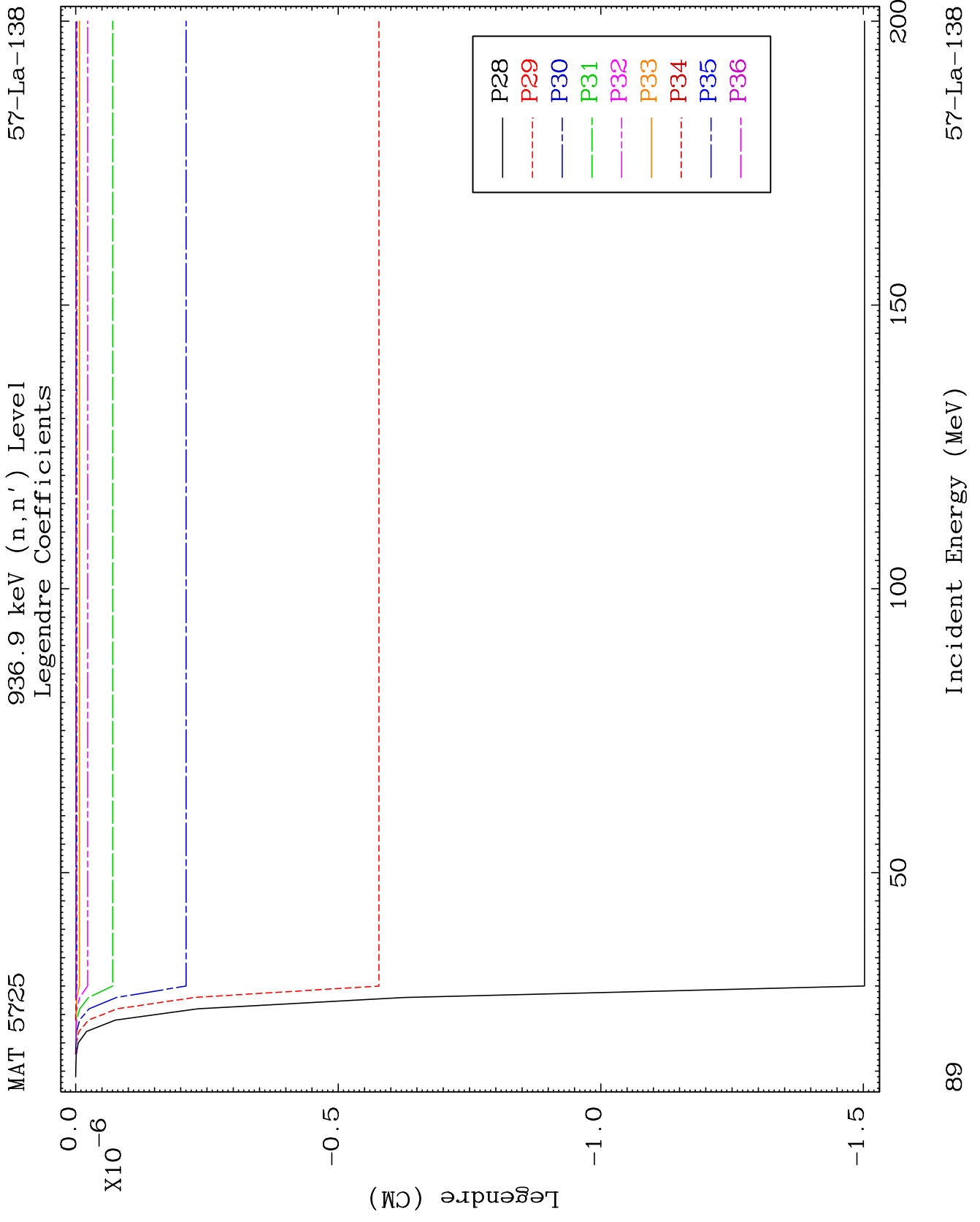


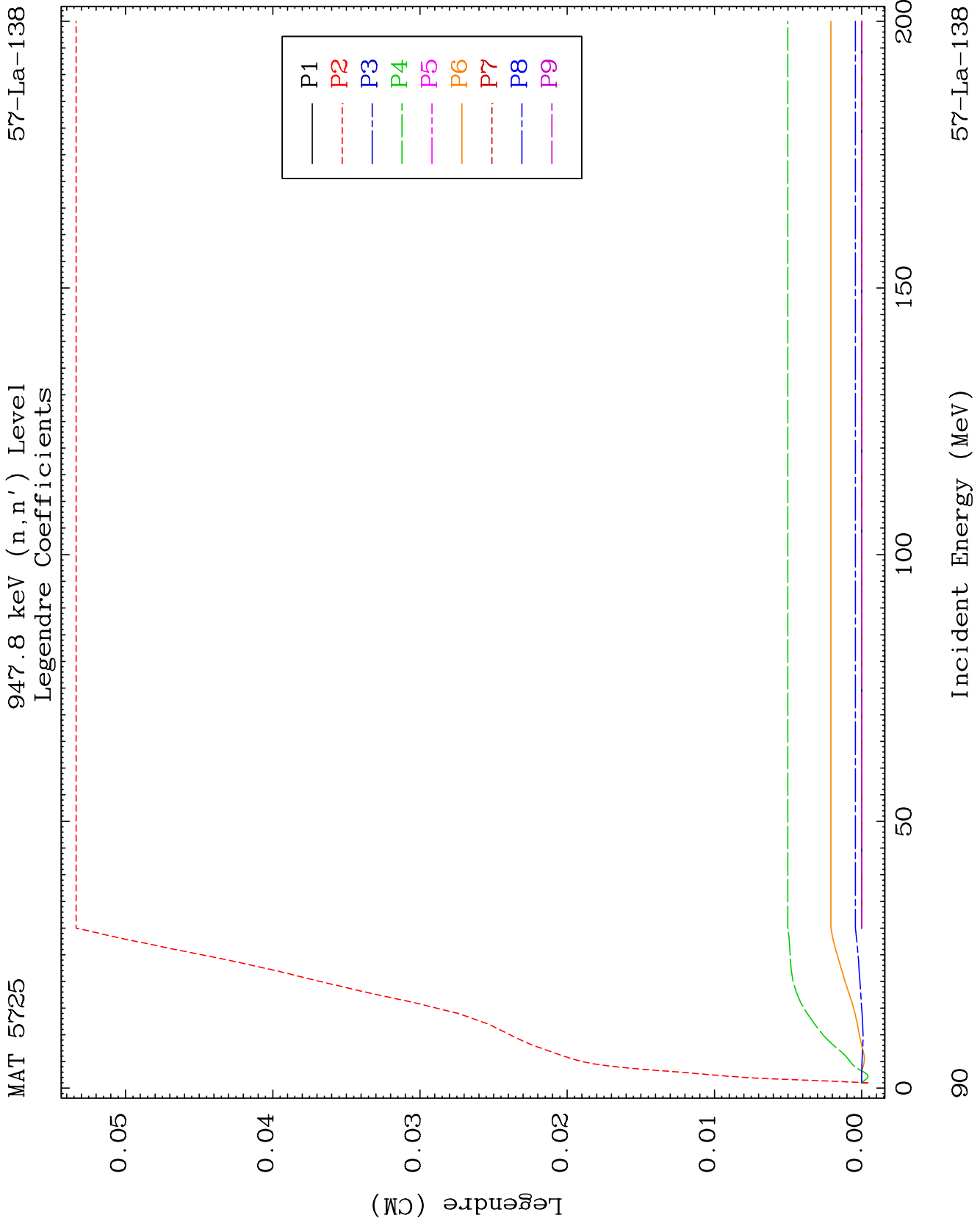
87

Incident Energy (MeV)

57-La-138



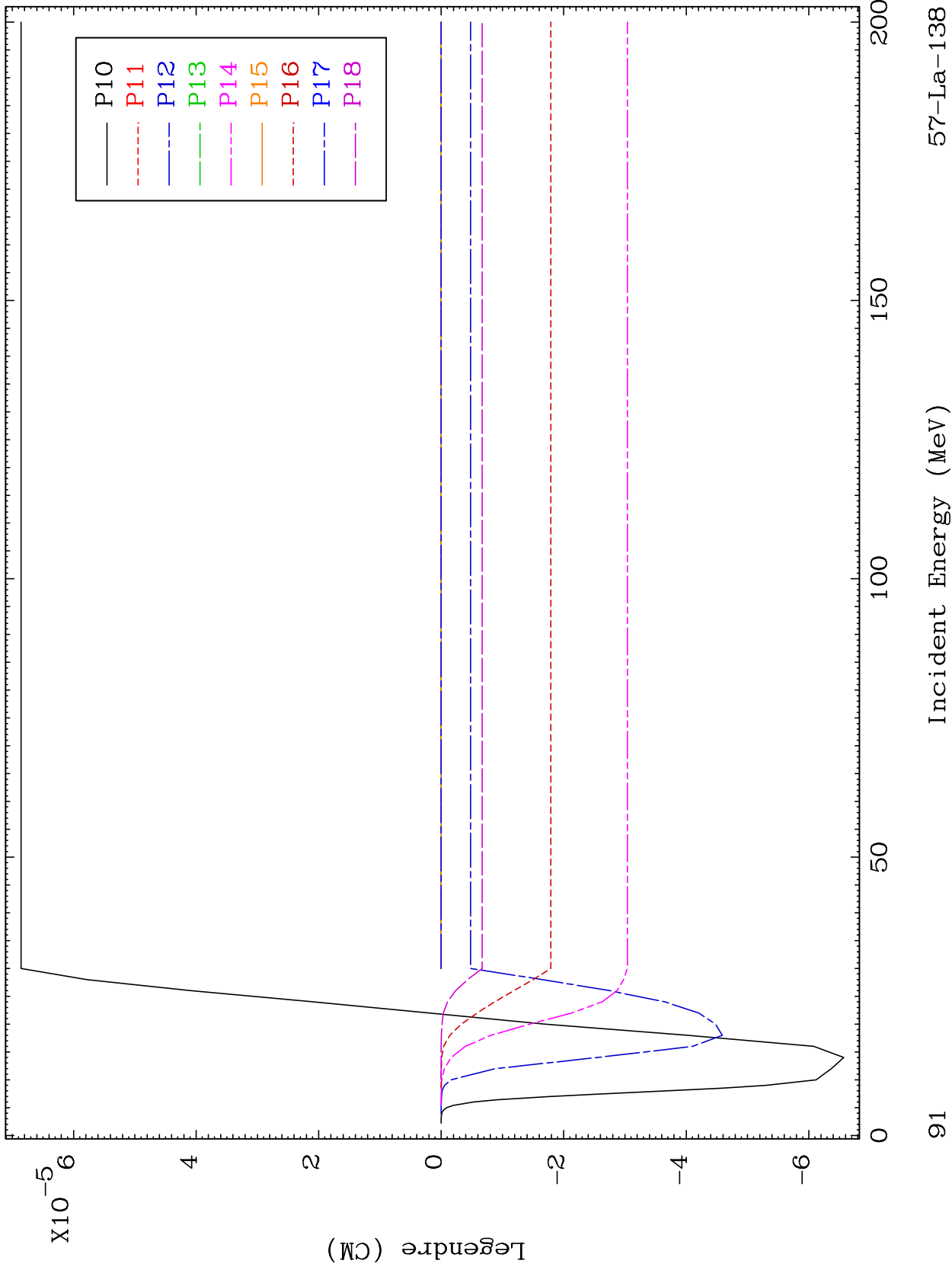




MAT 5725

947.8 keV (n,n') Level
Legendre Coefficients

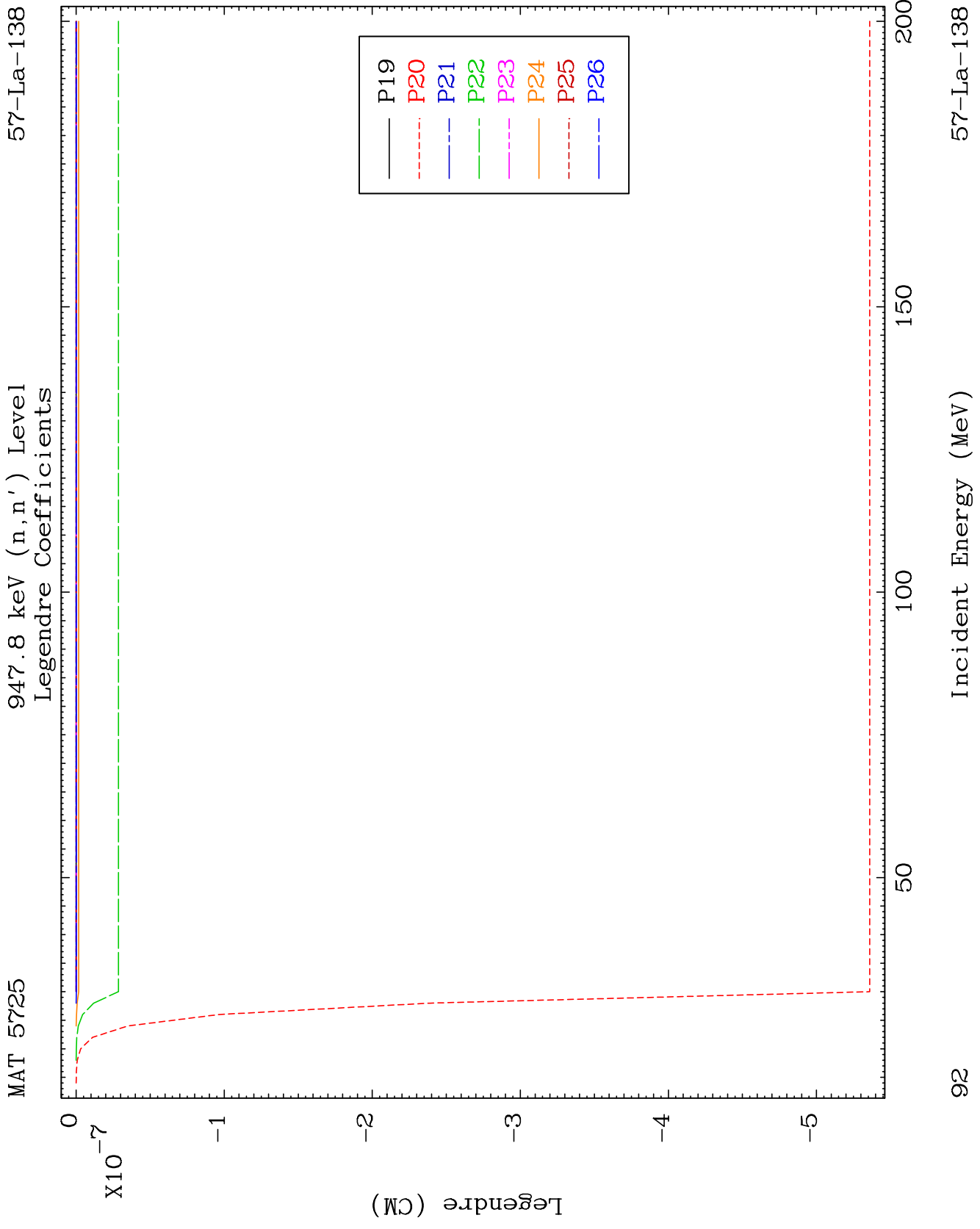
57-La-138

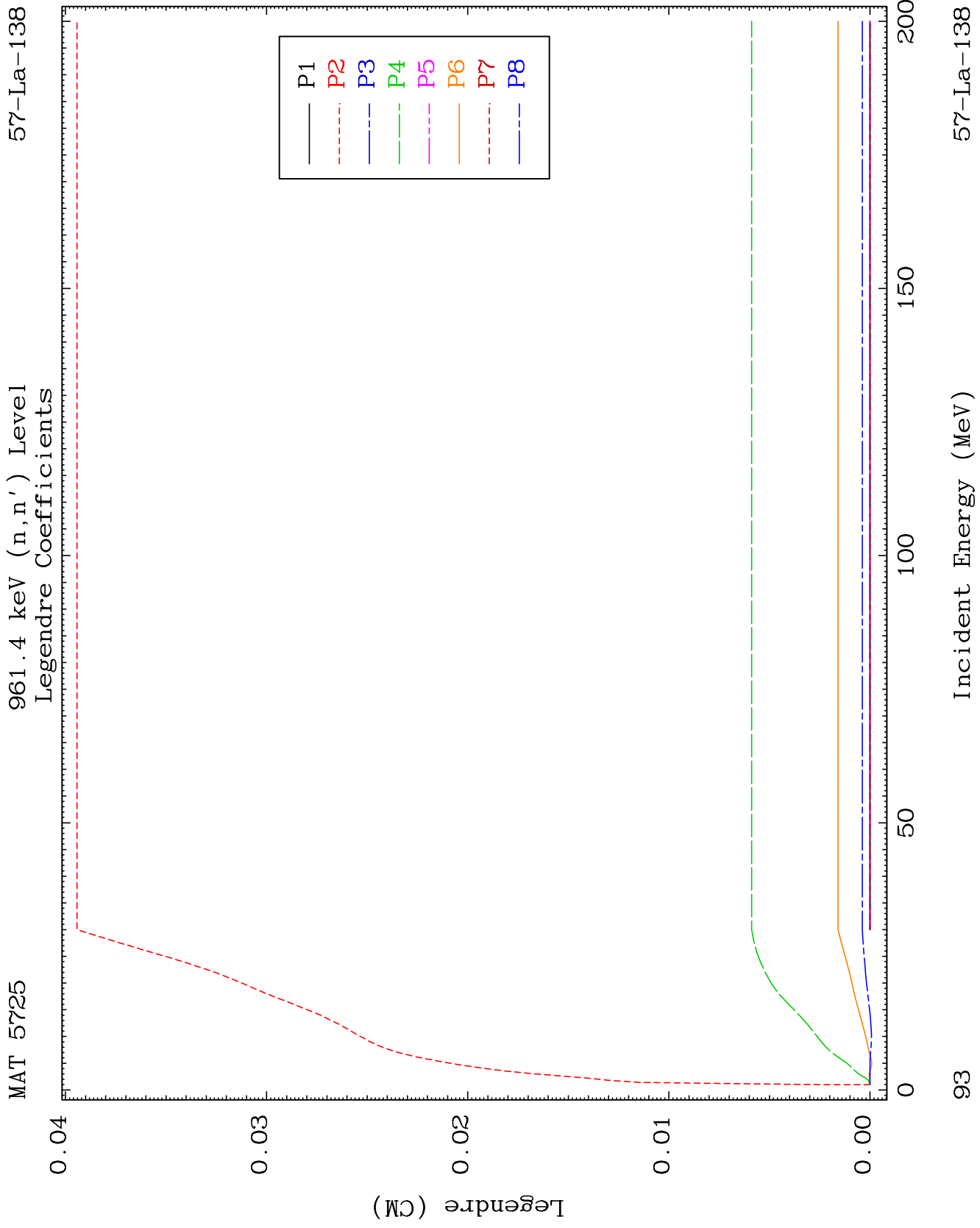


91

Incident Energy (MeV)

57-La-138

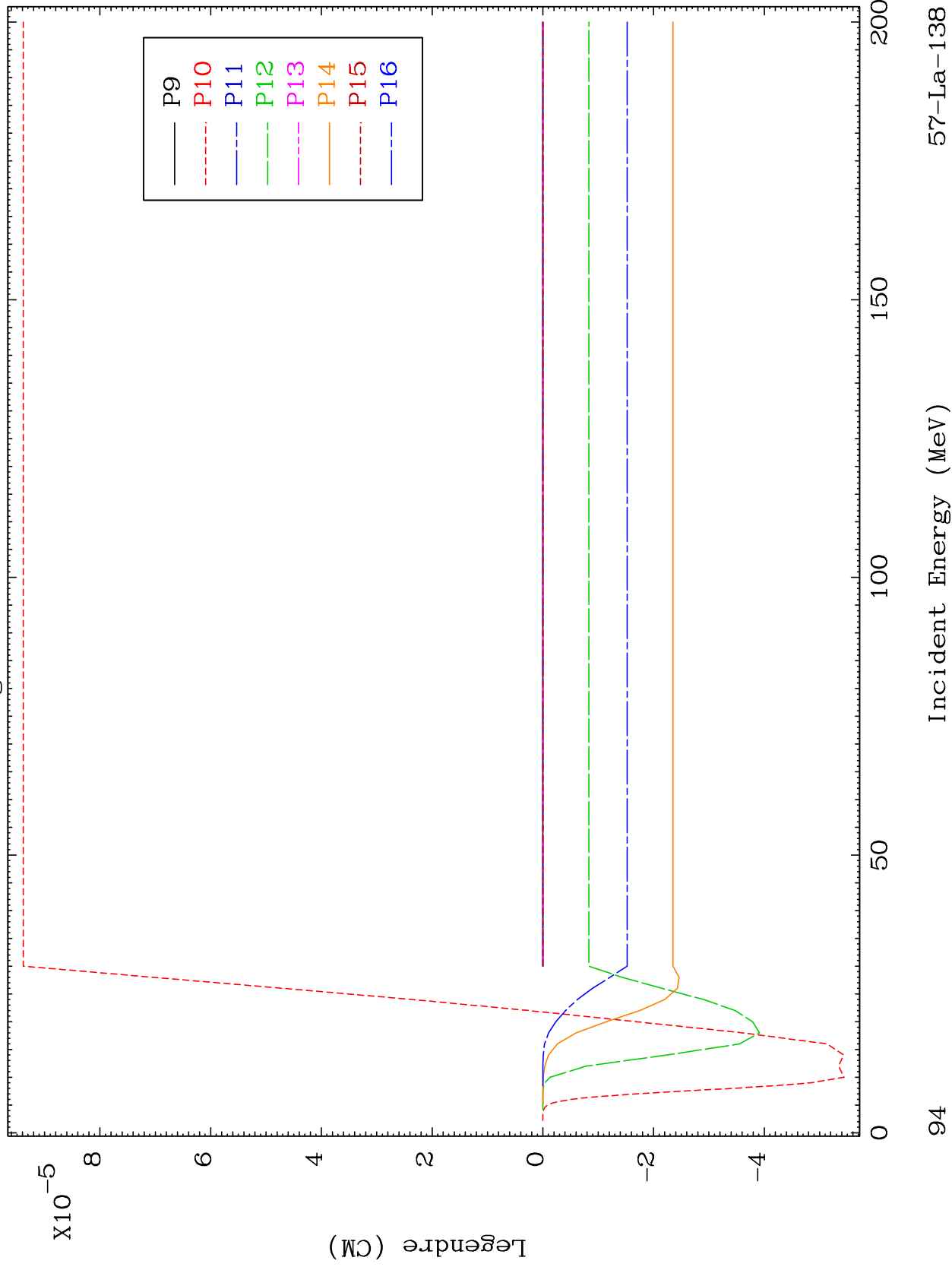




MAT 5725

961.4 keV (n,n') Level
Legendre Coefficients

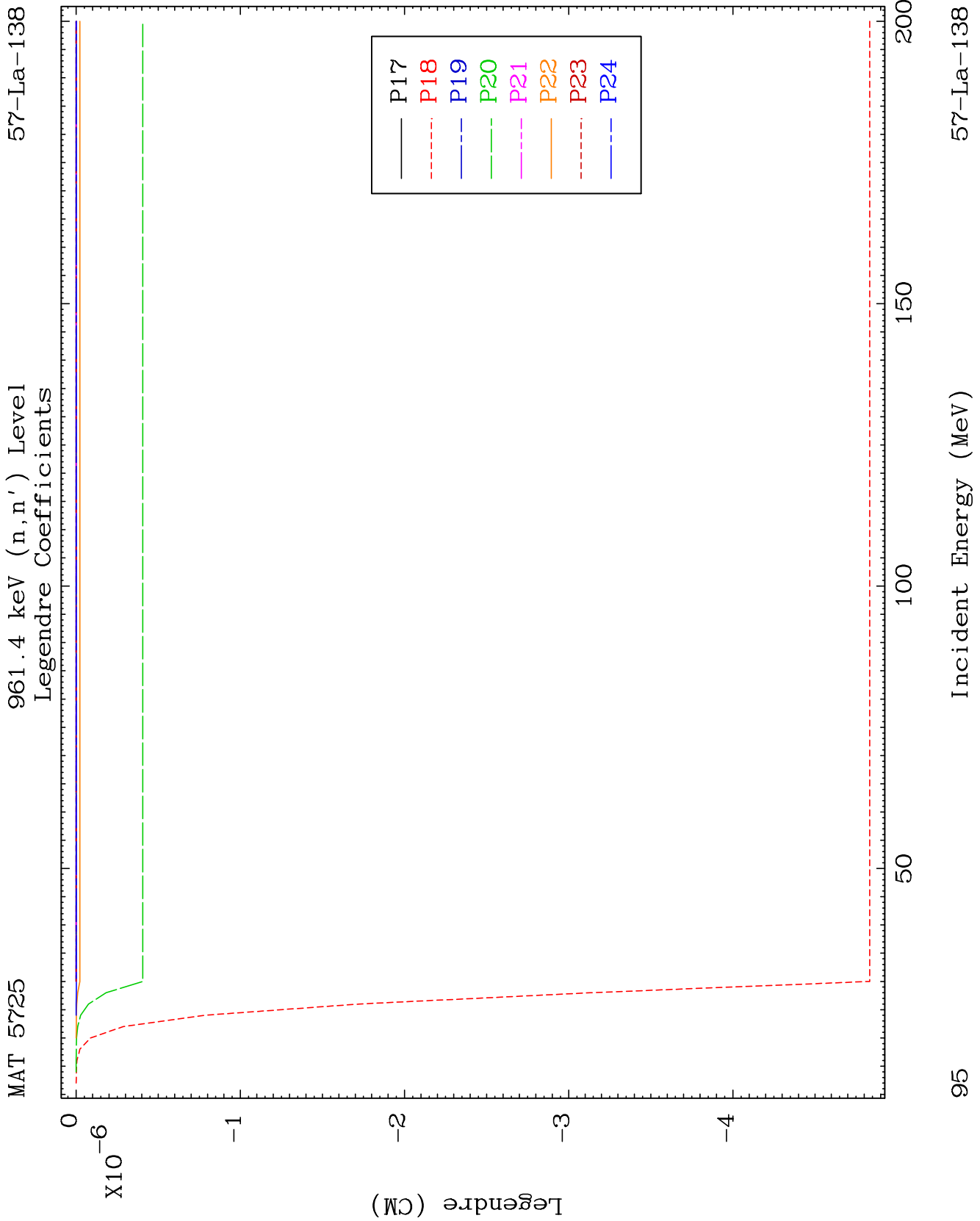
57-La-138



57-La-138

Incident Energy (MeV)

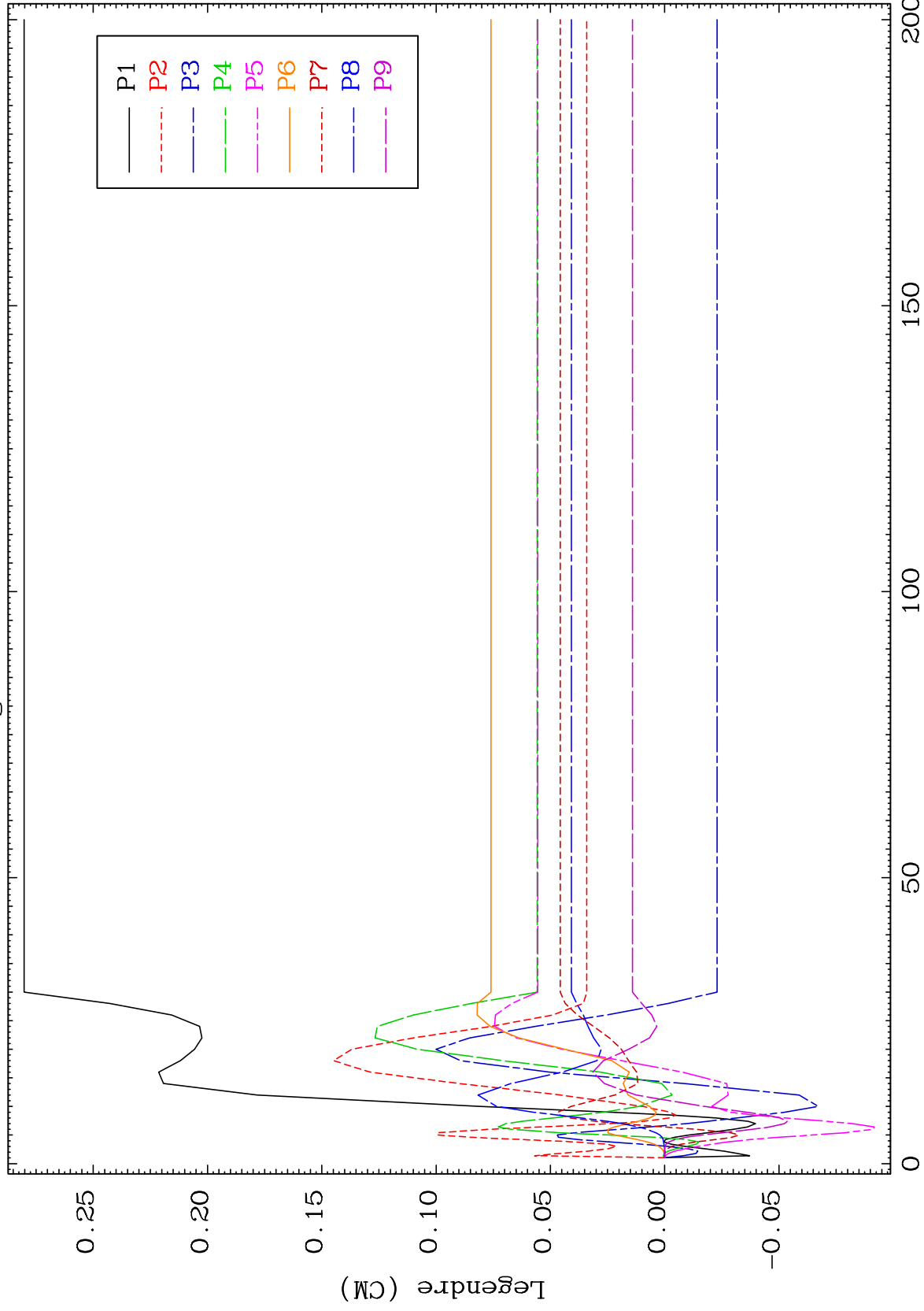
94



MAT 5725

1.033 MeV (n,n') Level
Legendre Coefficients

57-La-138



96

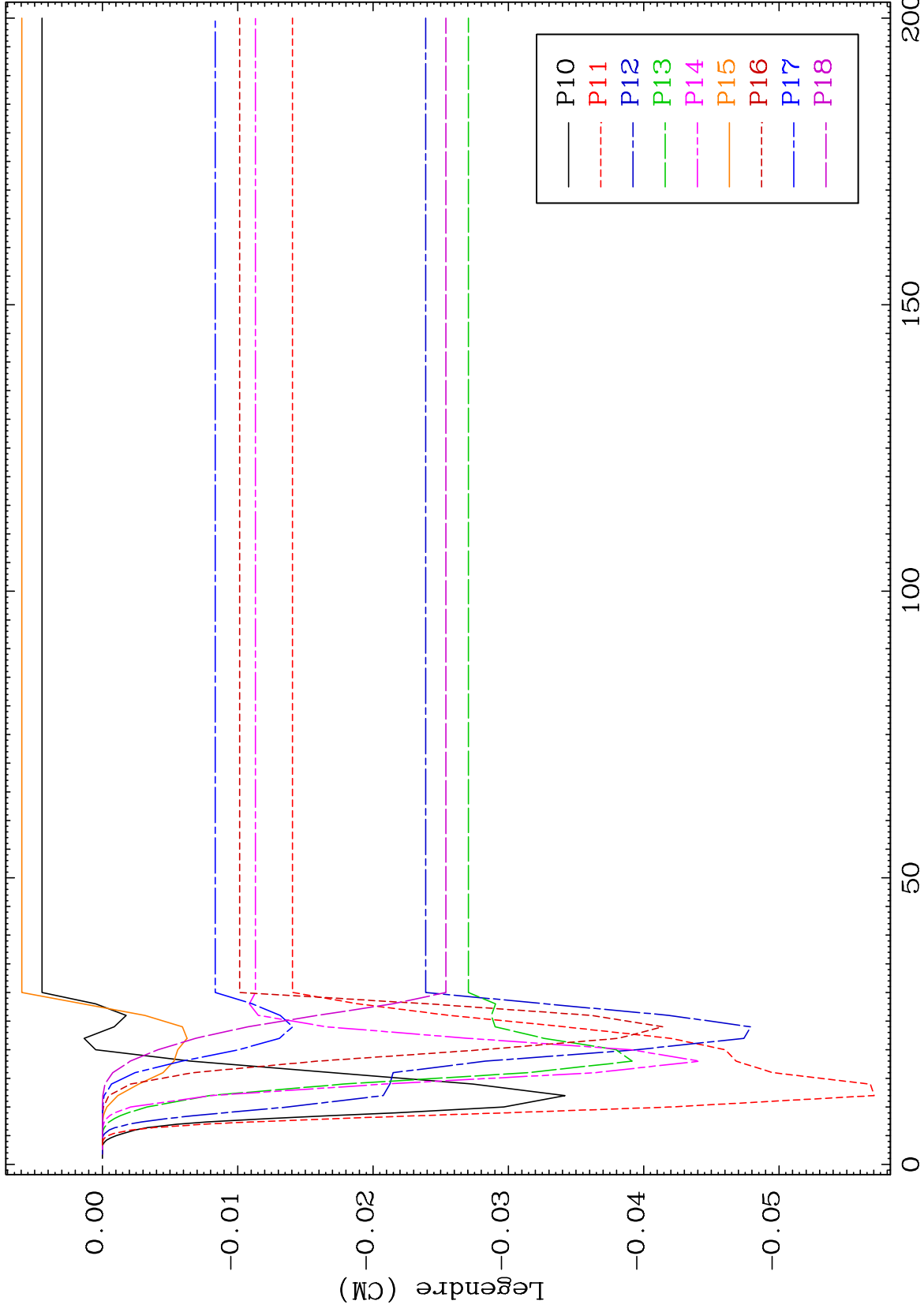
Incident Energy (MeV)

57-La-138

MAT 5725

1.033 MeV (n,n') Level
Legendre Coefficients

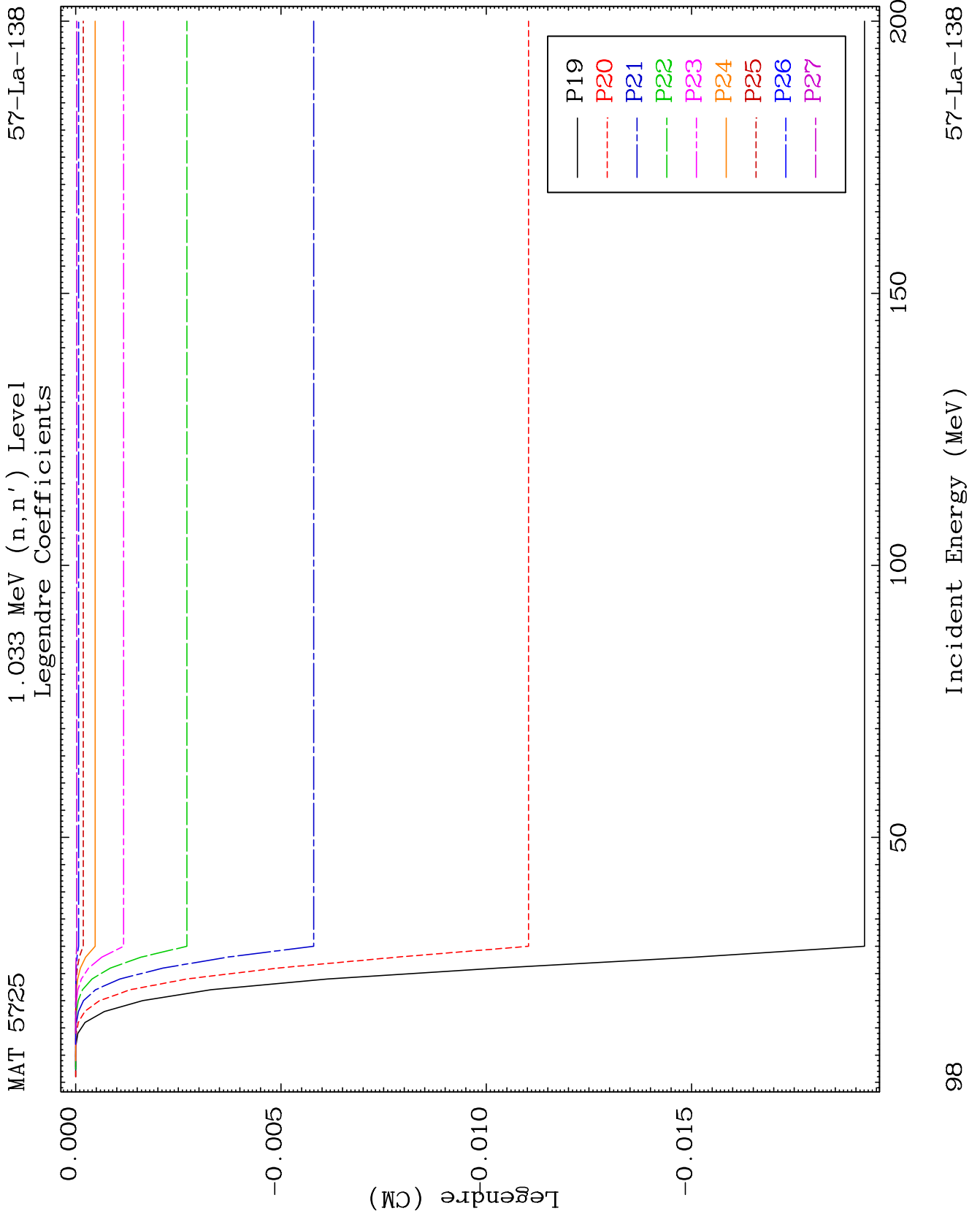
57-La-138

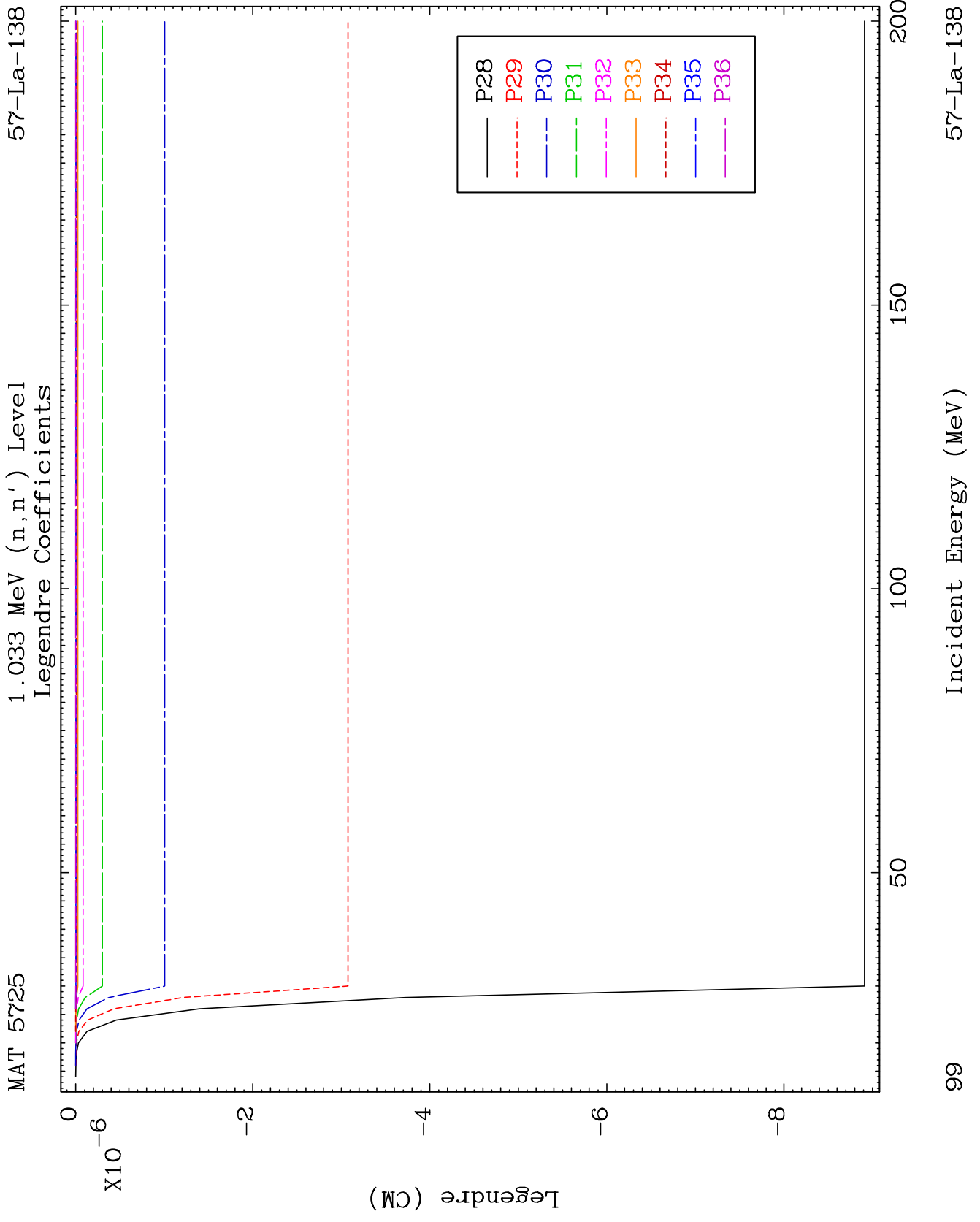


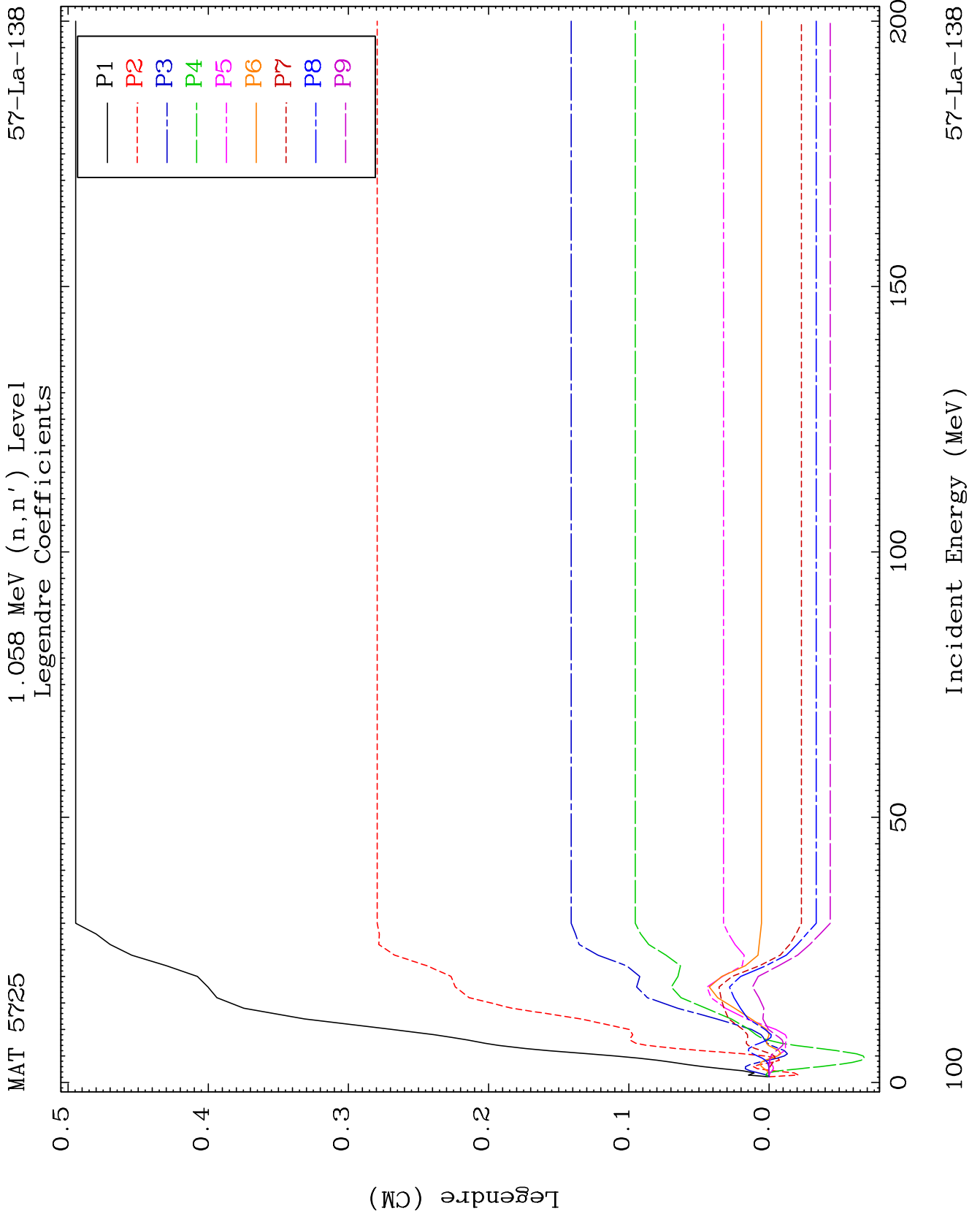
97

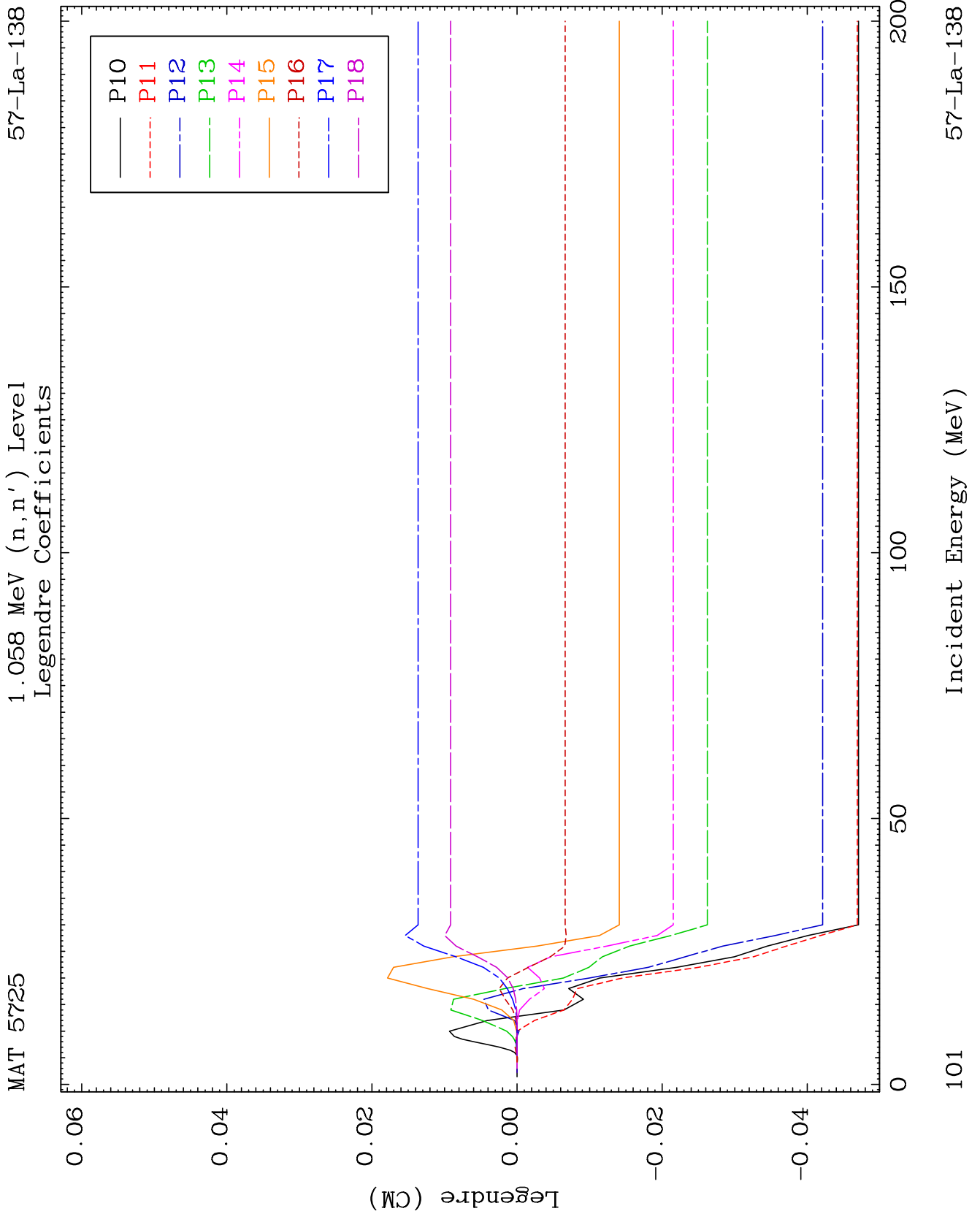
Incident Energy (MeV)

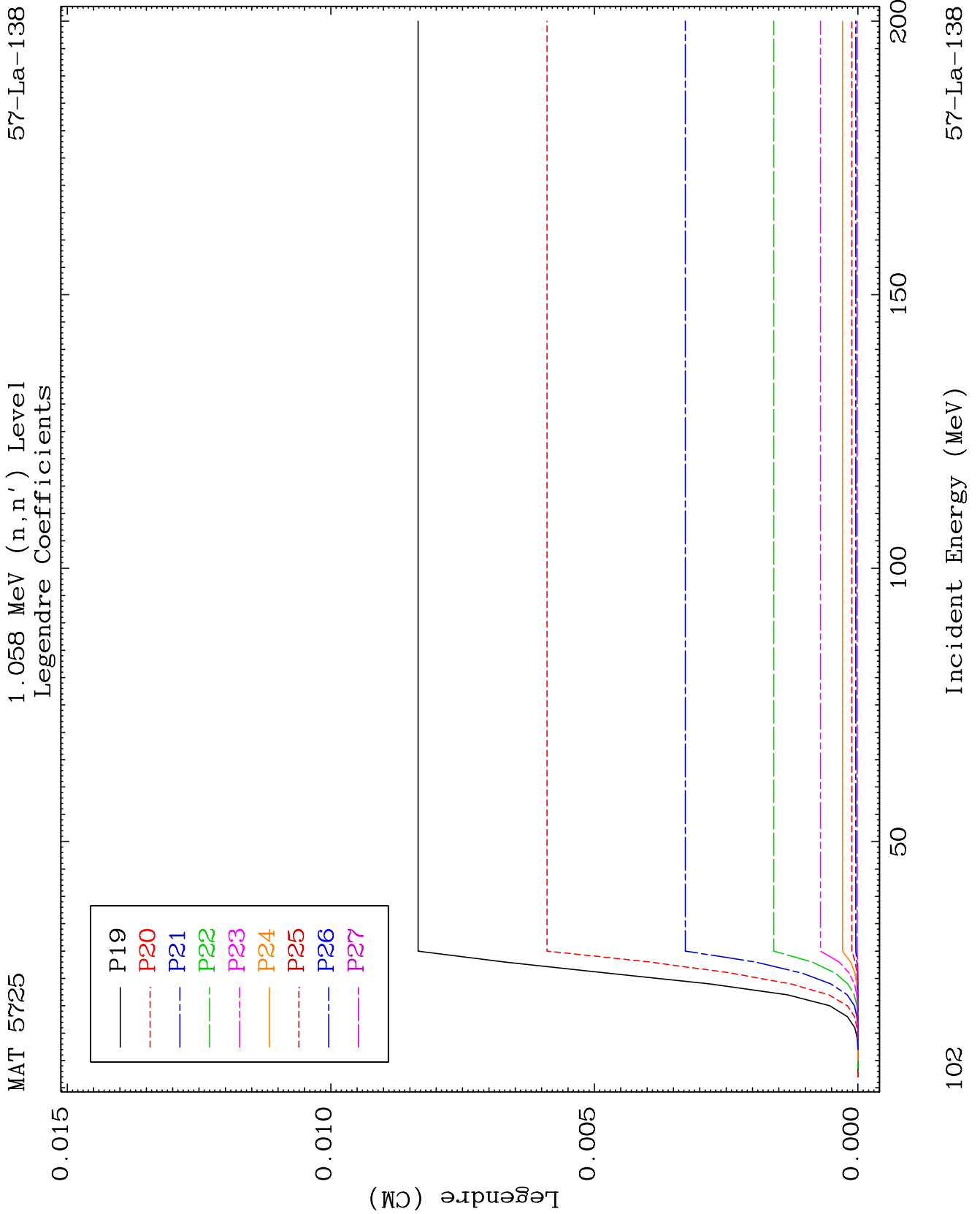
57-La-138







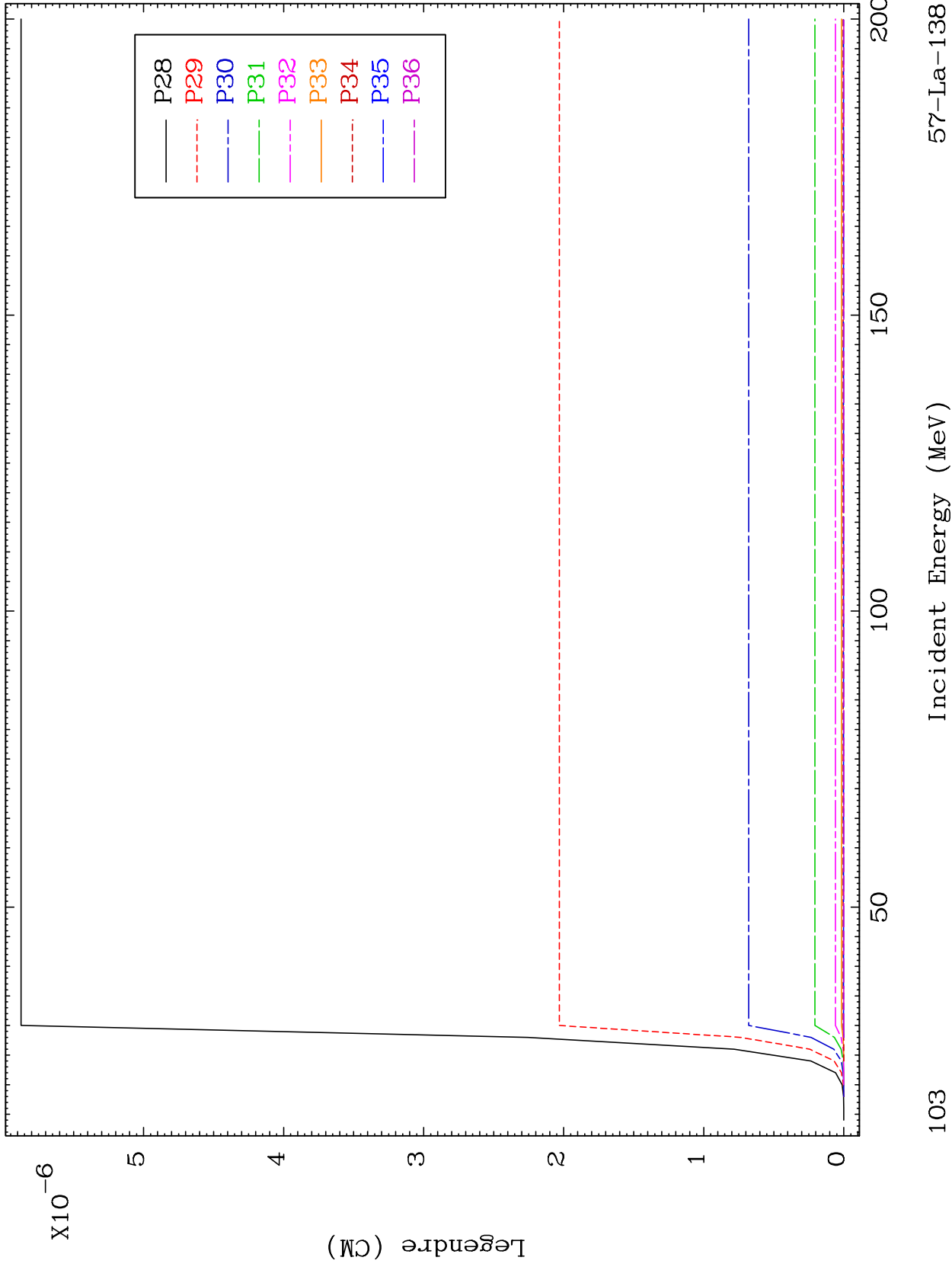




MAT 5725

1.058 MeV (n,n') Level
Legendre Coefficients

57-La-138



103

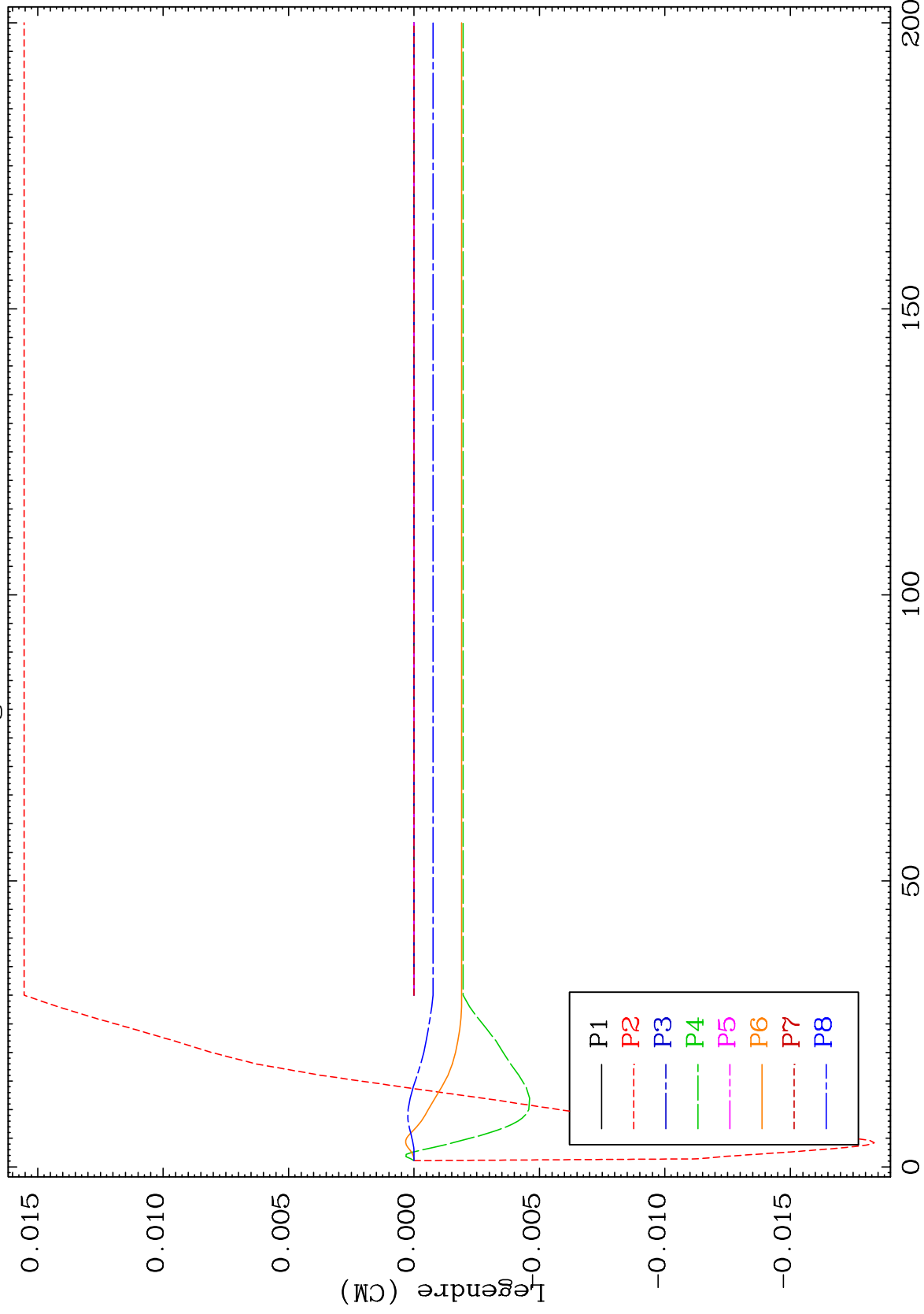
Incident Energy (MeV)

57-La-138

MAT 5725

1.067 MeV (n,n') Level
Legendre Coefficients

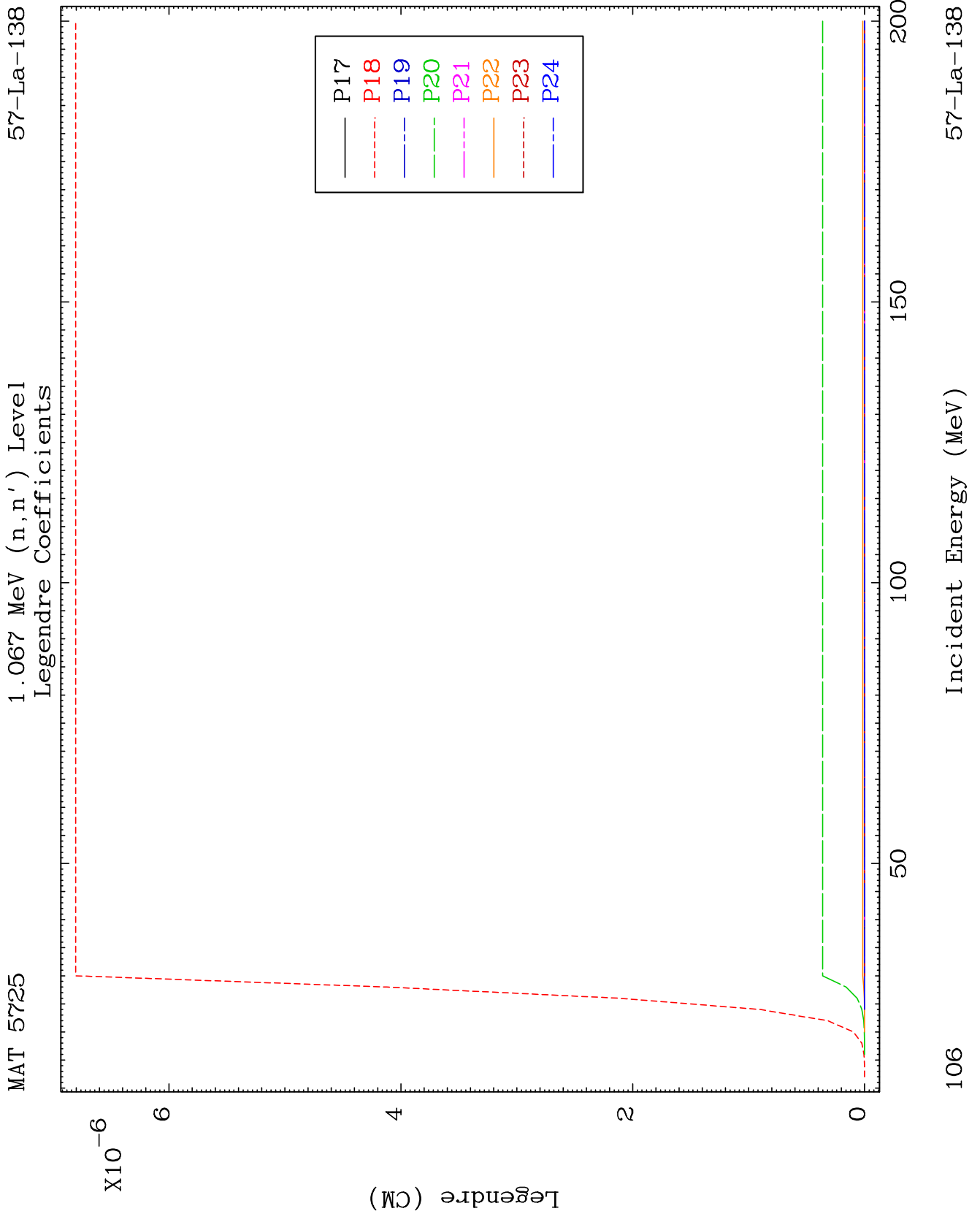
57-La-138

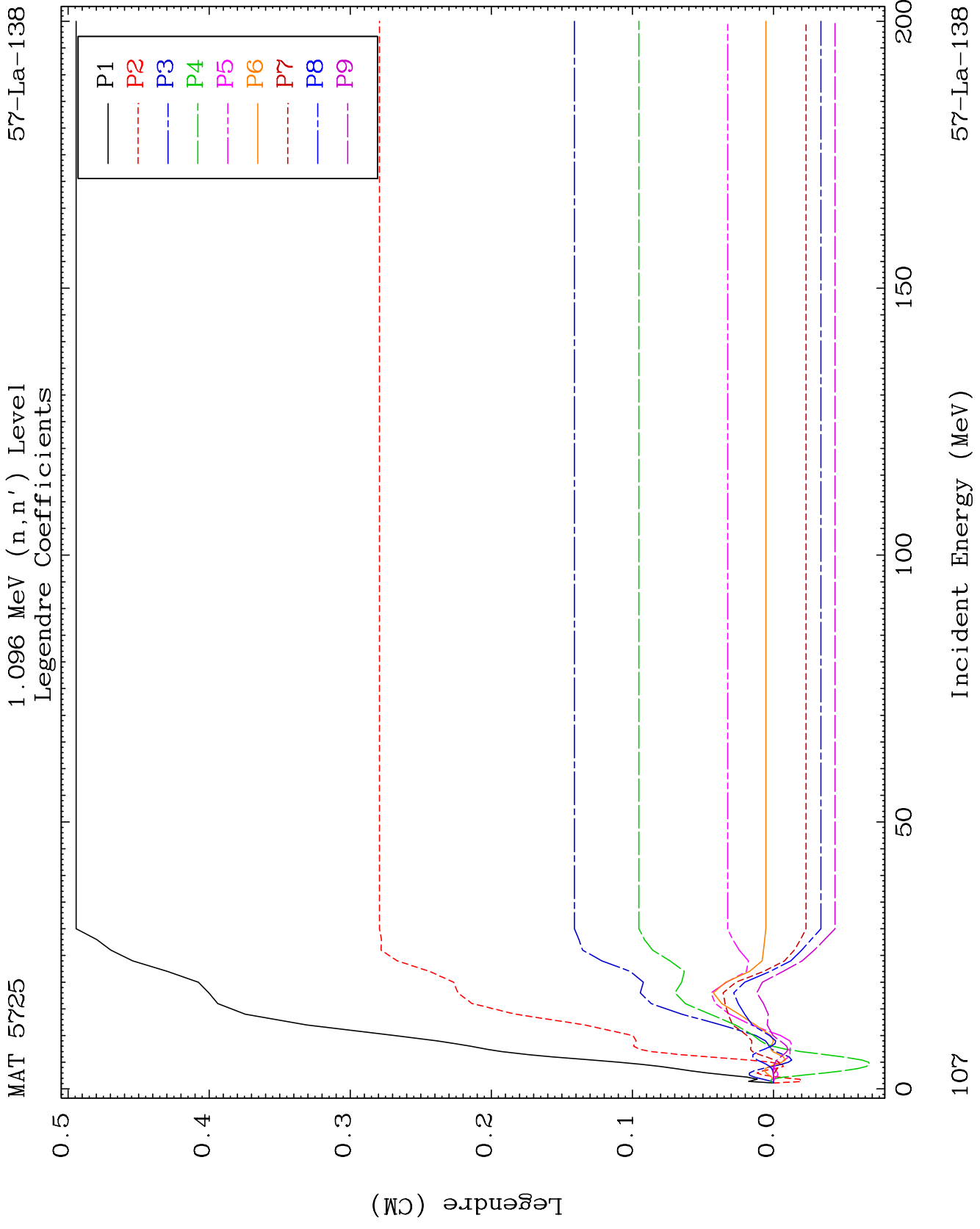


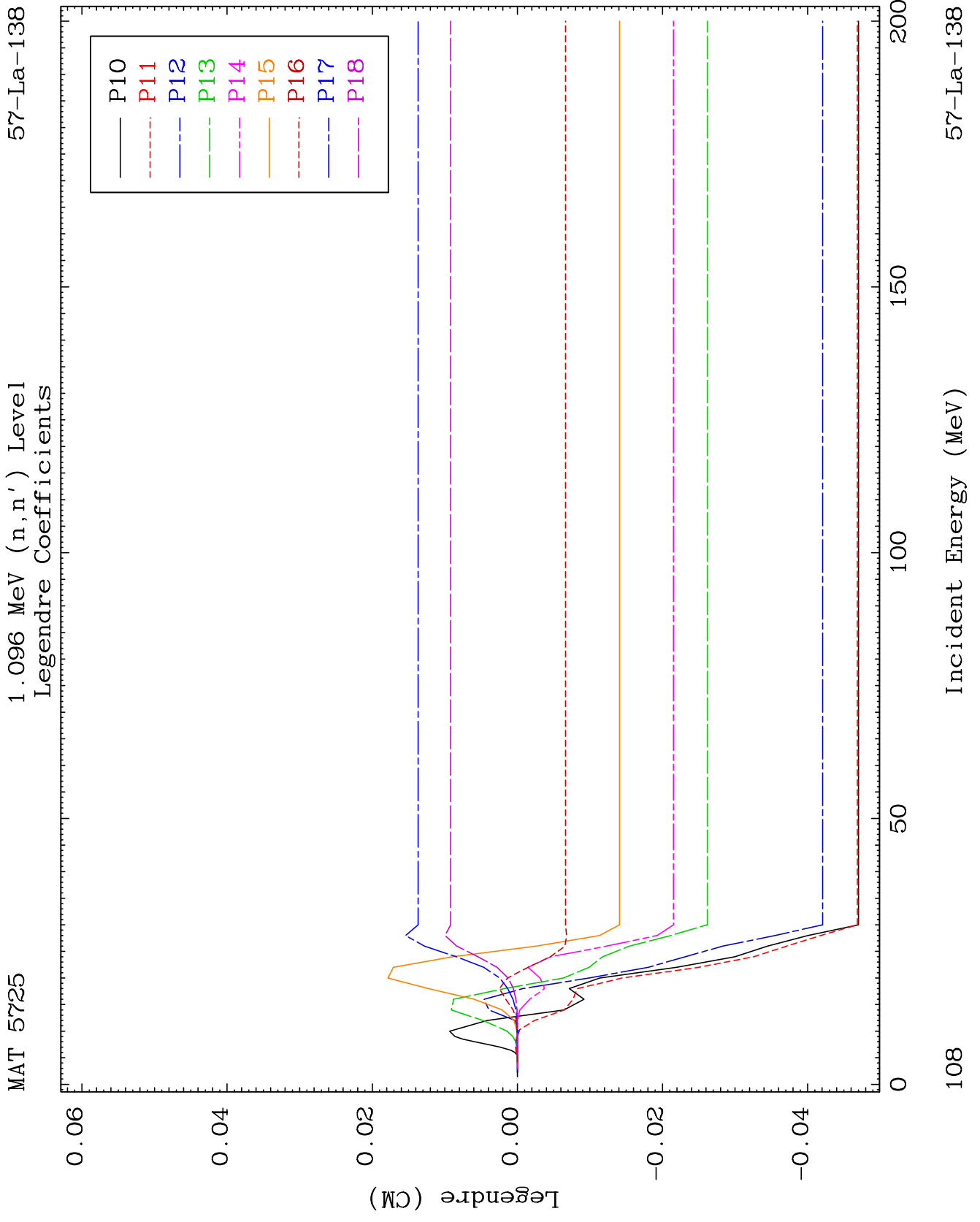
104

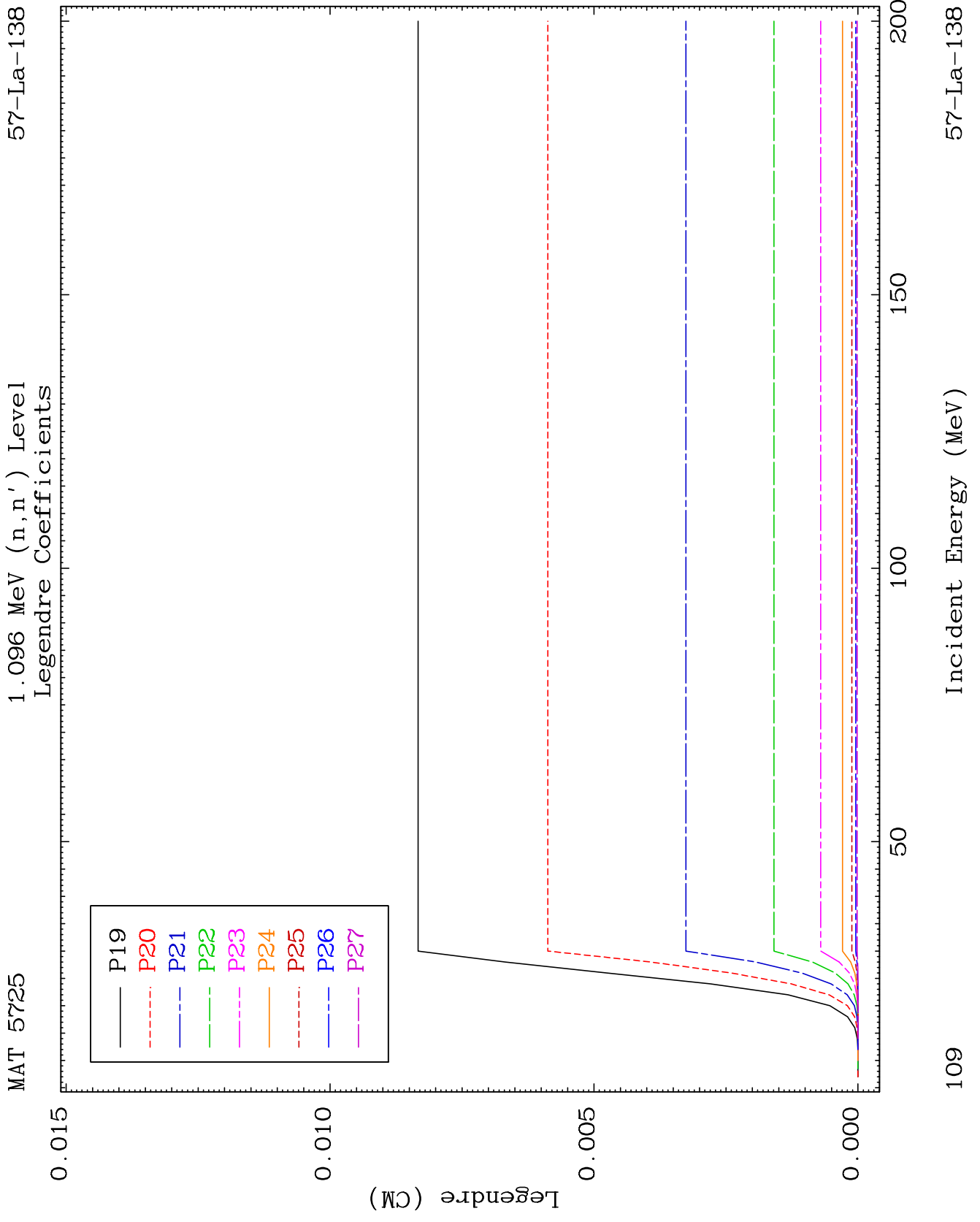
Incident Energy (MeV)

57-La-138





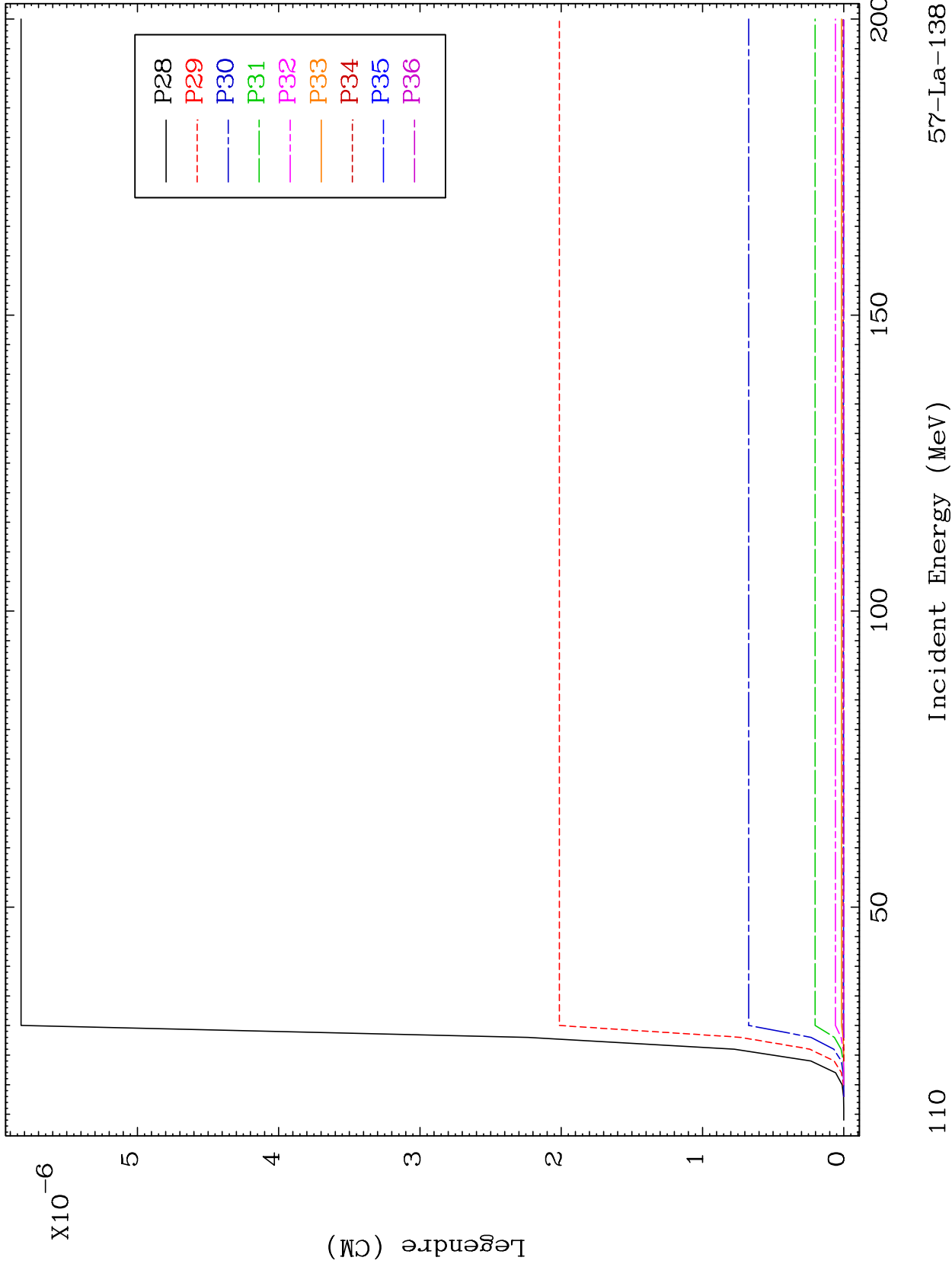


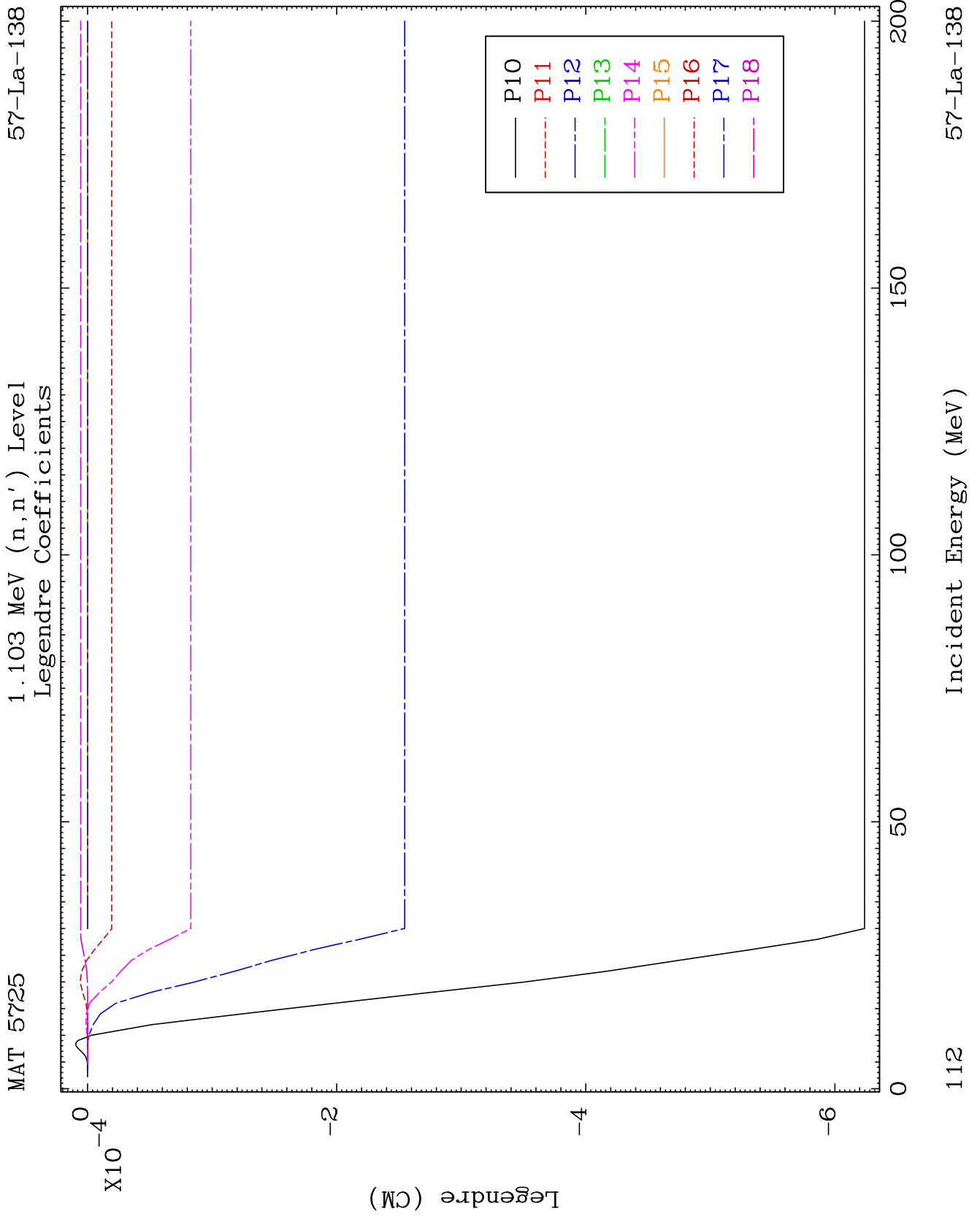


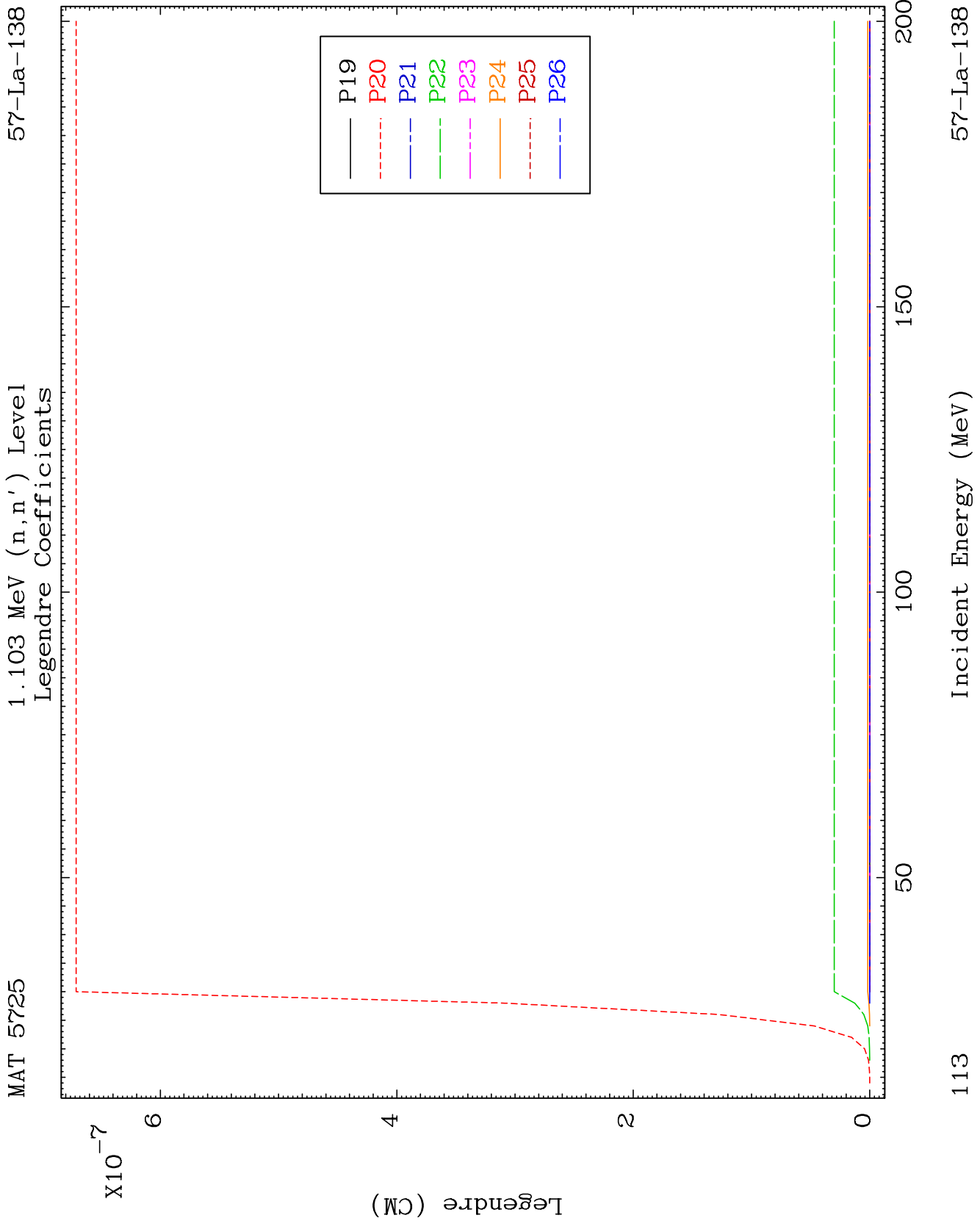
MAT 5725

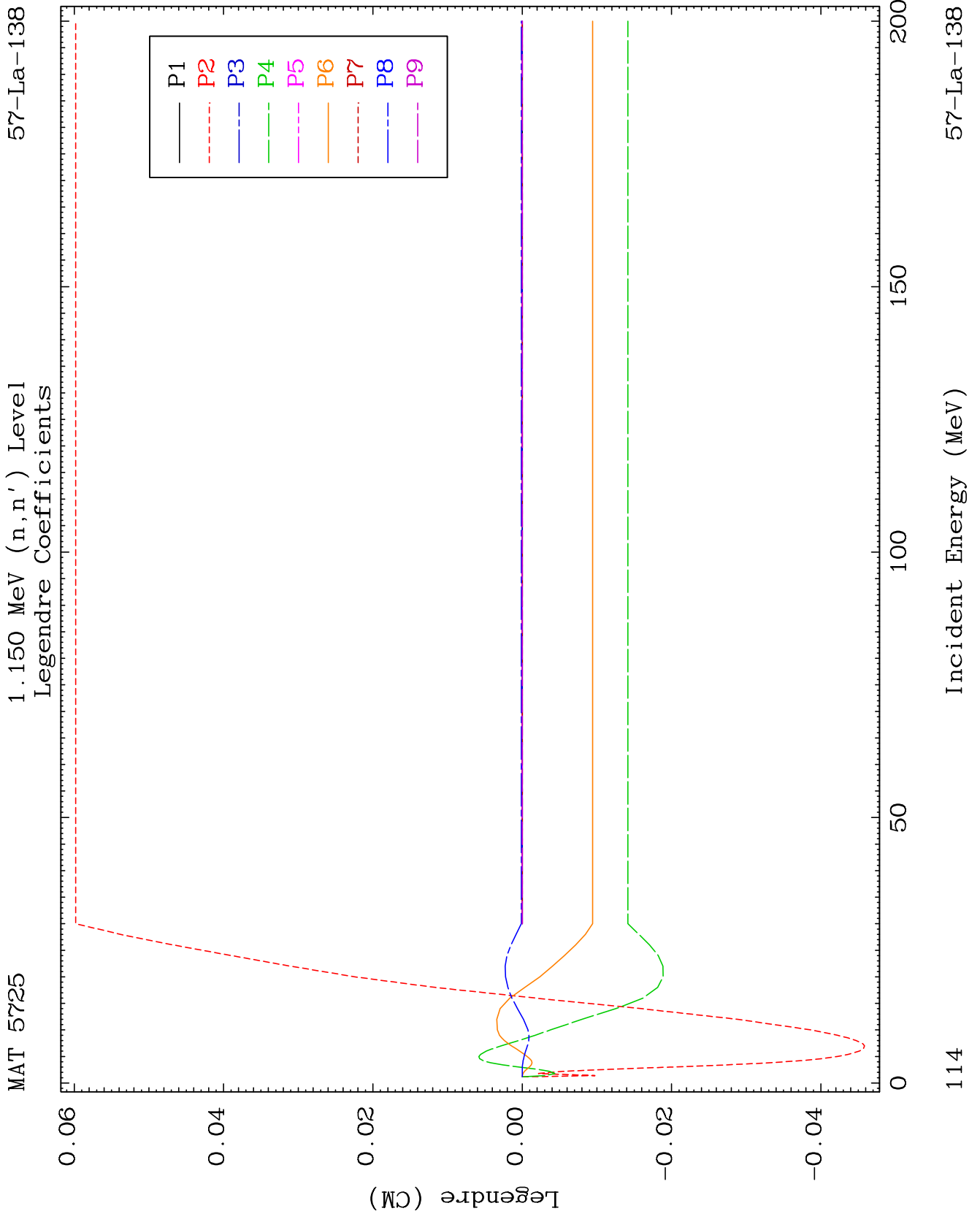
1.096 MeV (n,n') Level
Legendre Coefficients

57-La-138





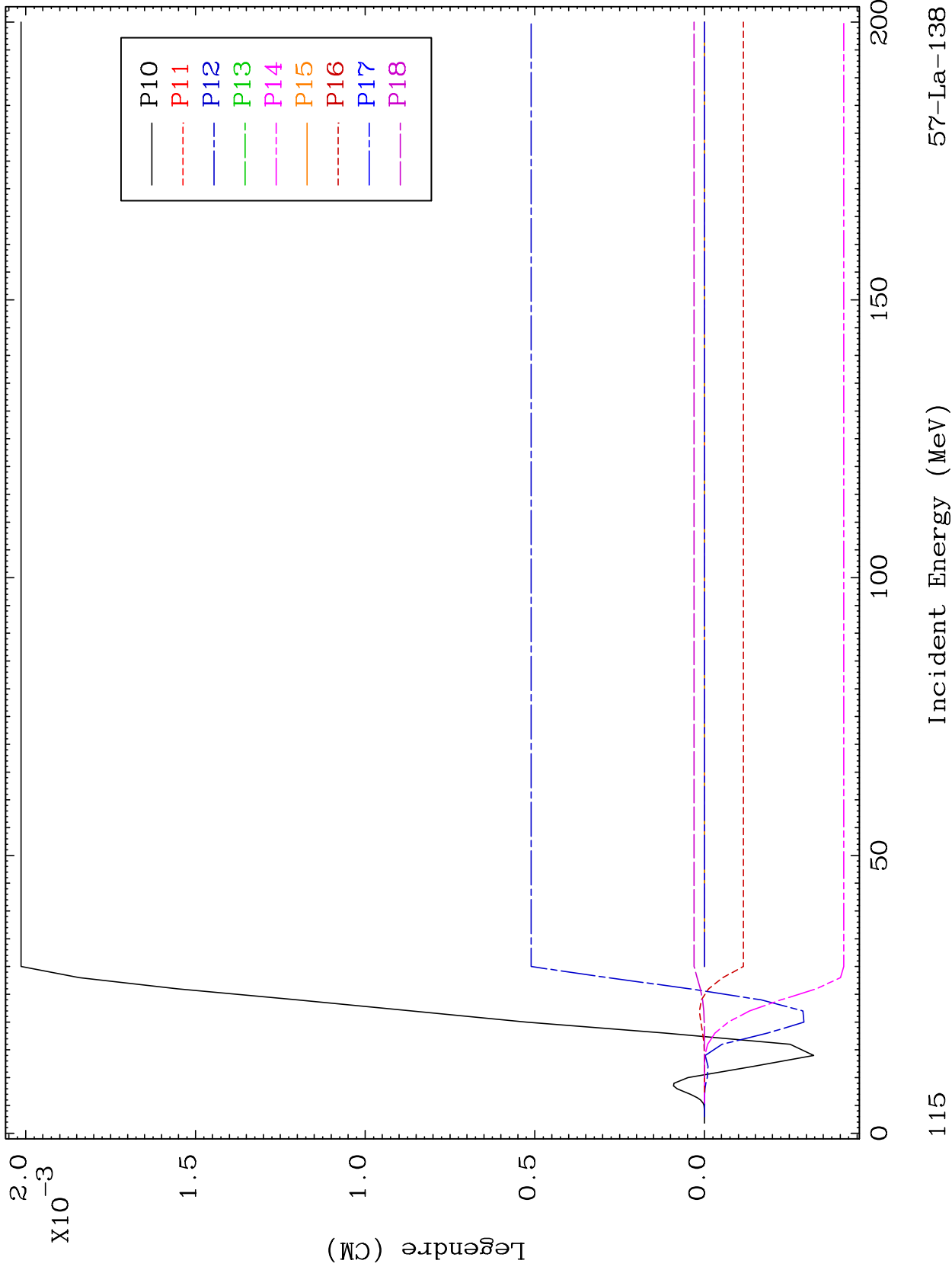




MAT 5725

1.150 MeV (n,n') Level
Legendre Coefficients

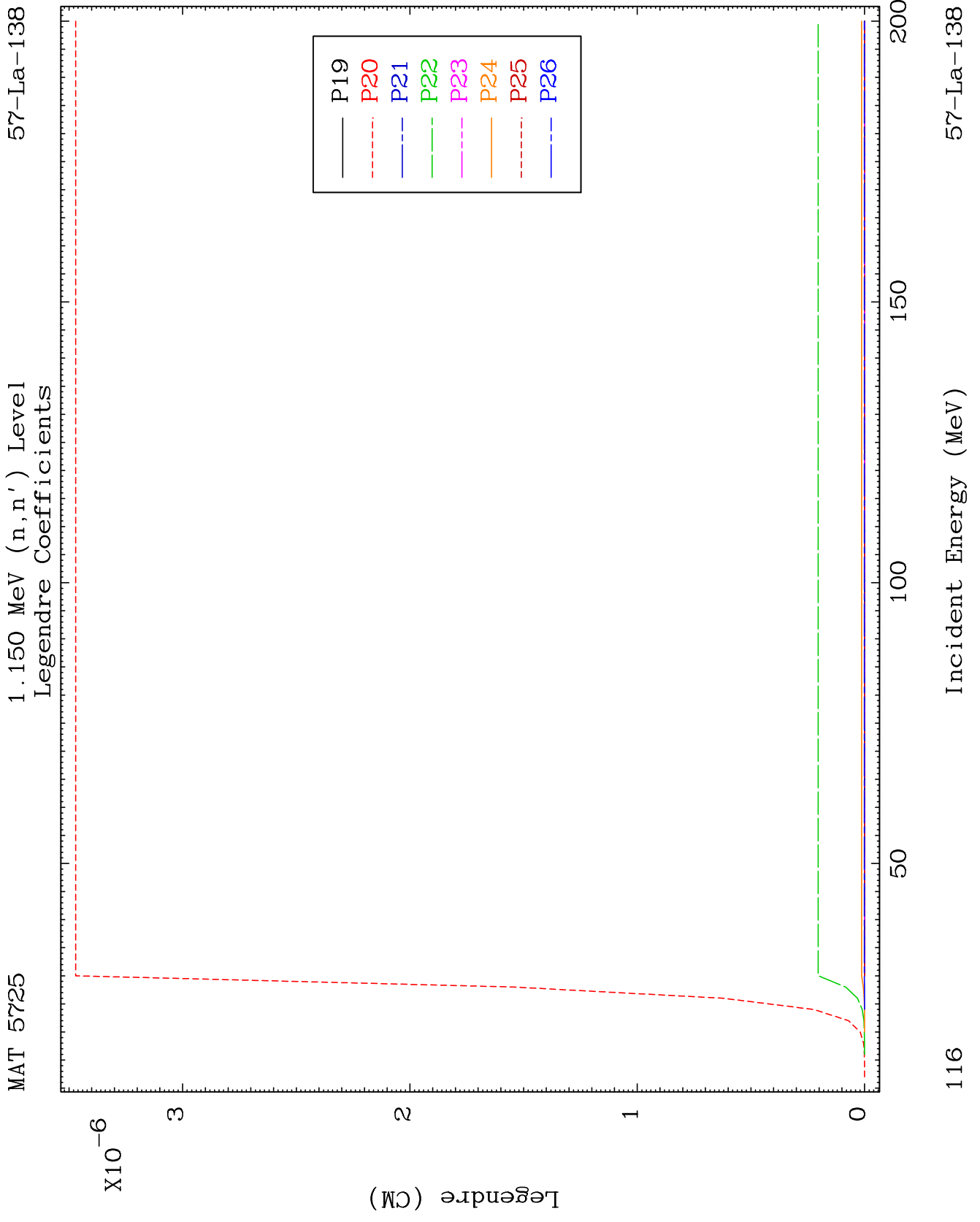
57-La-138

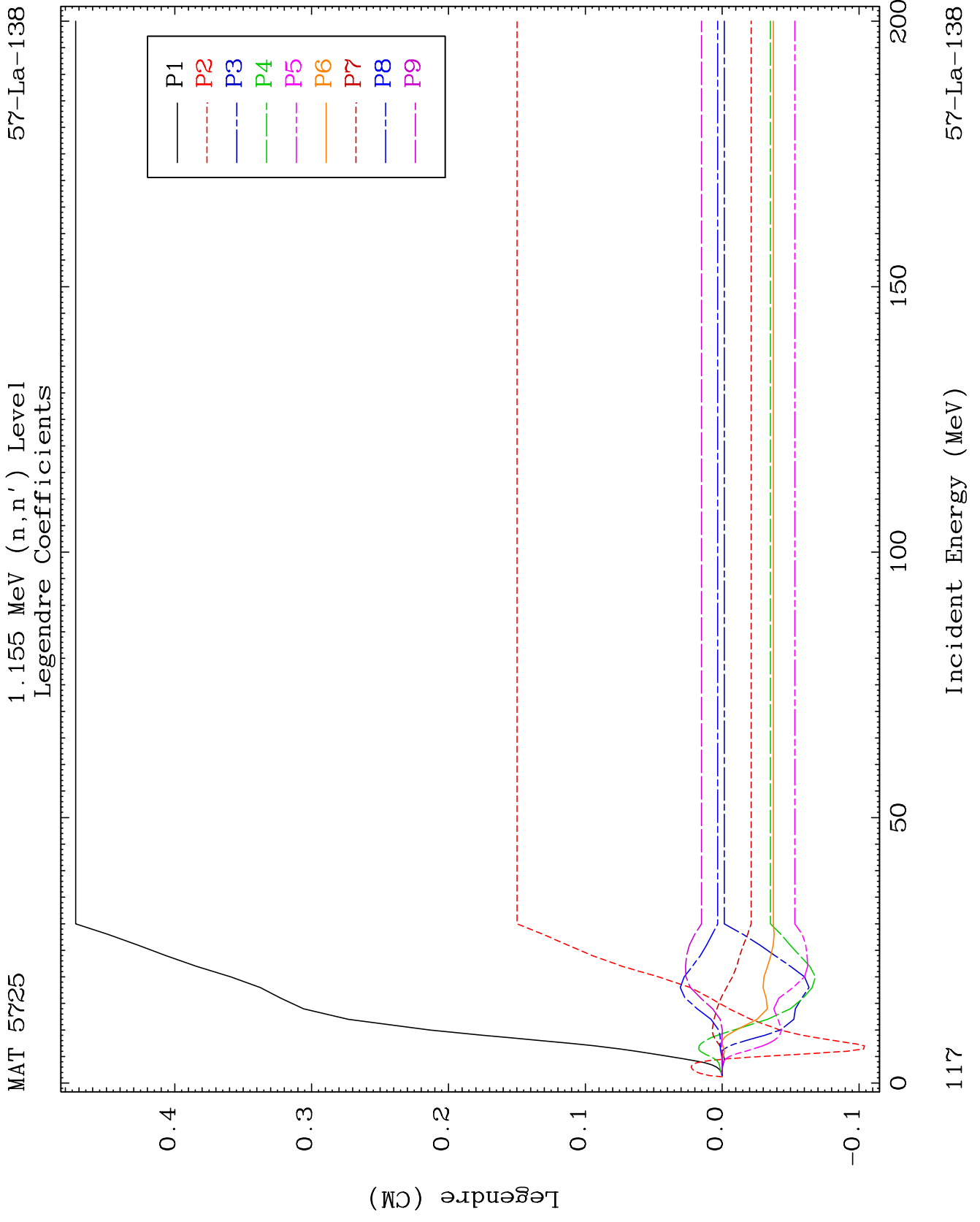


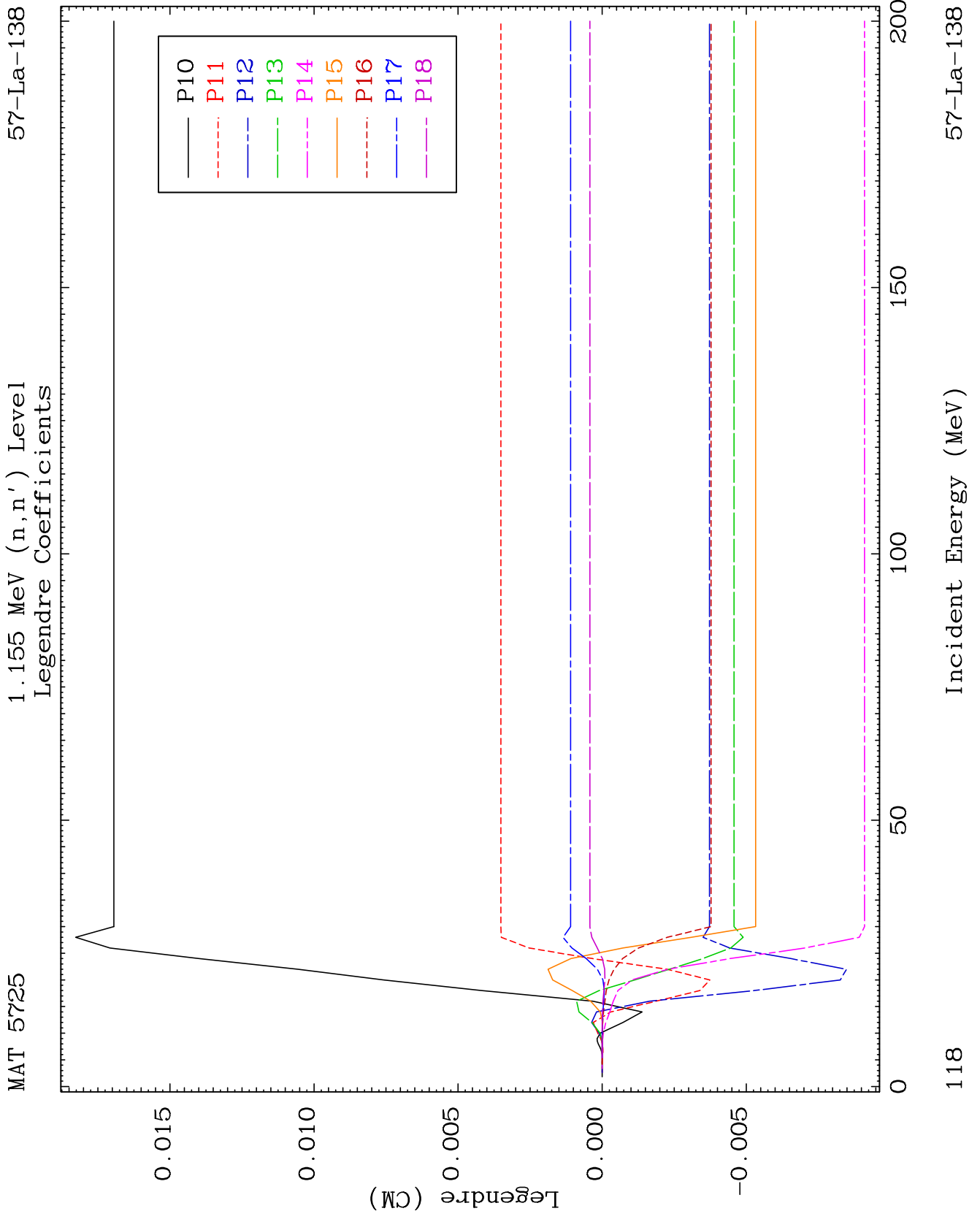
57-La-138

Incident Energy (MeV)

115



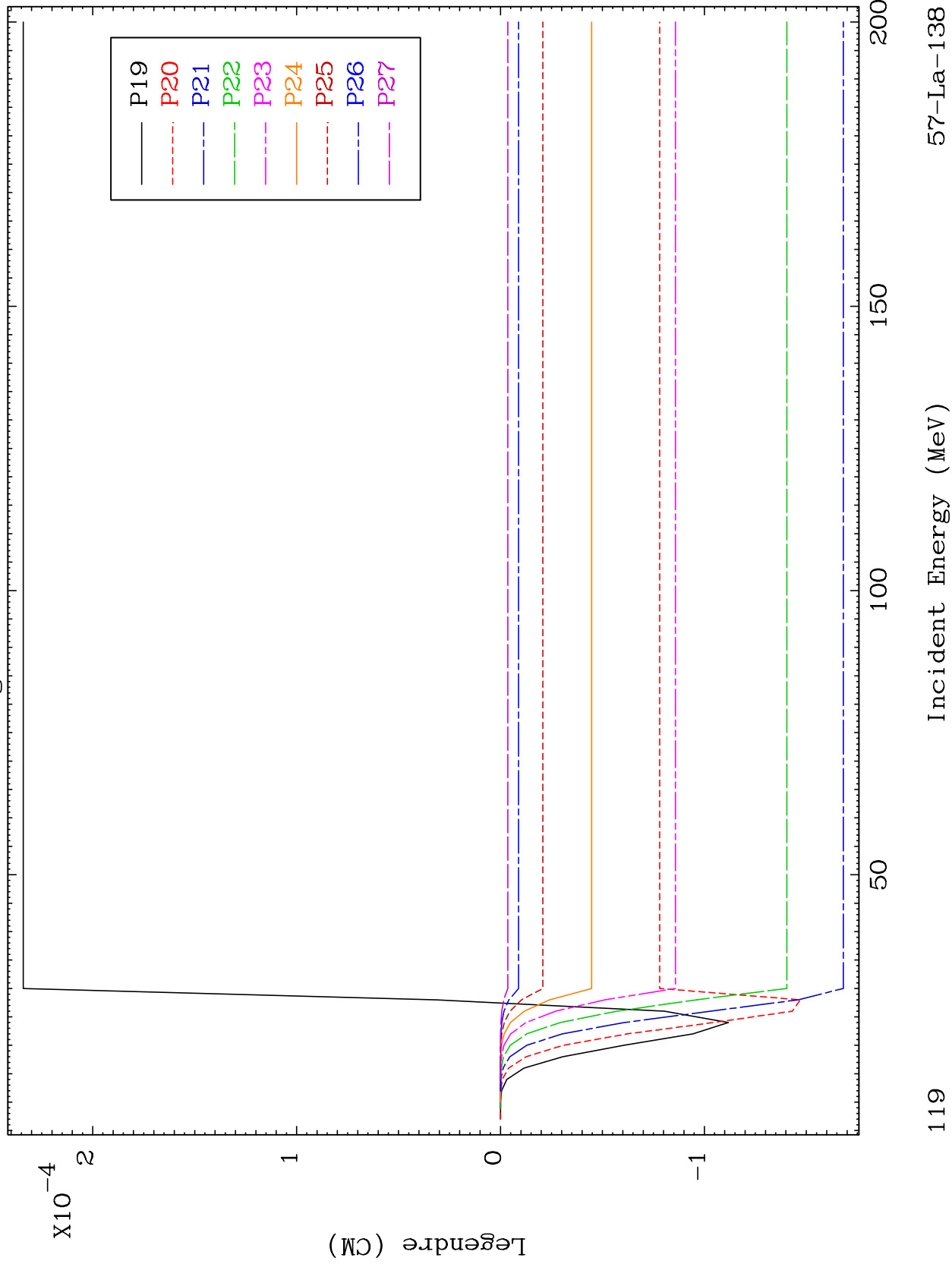




MAT 5725

1.155 MeV (n,n') Level
Legendre Coefficients

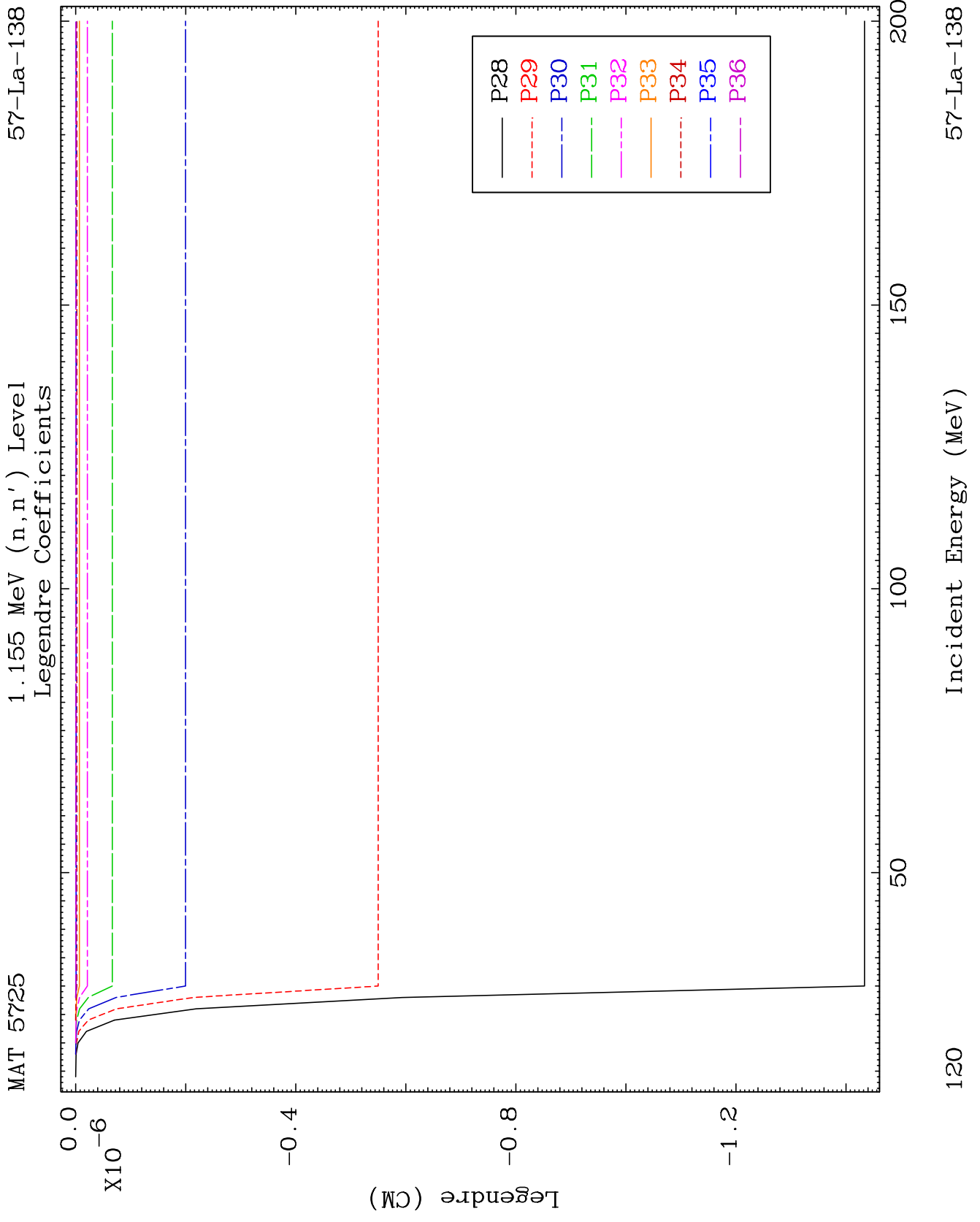
57-La-138

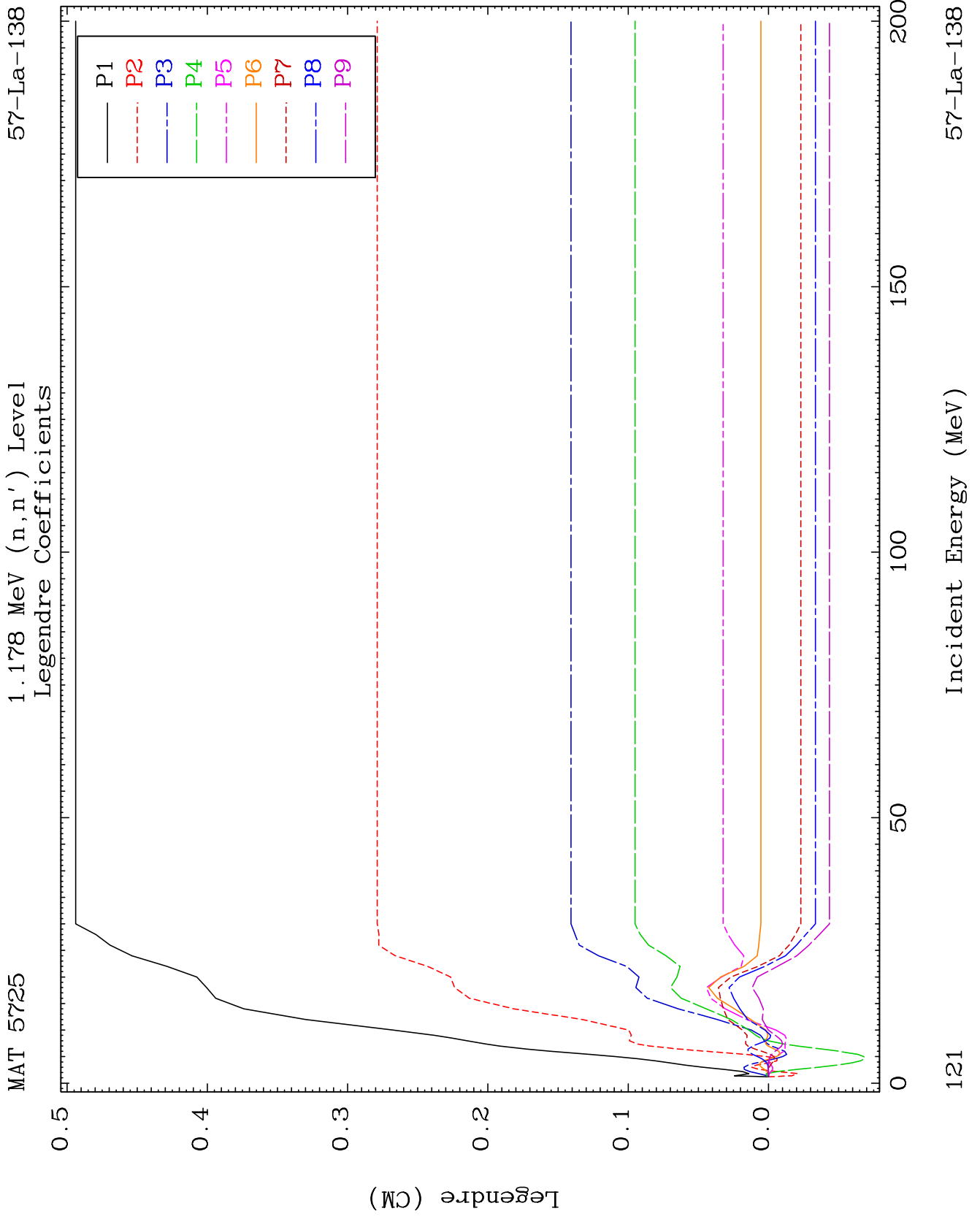


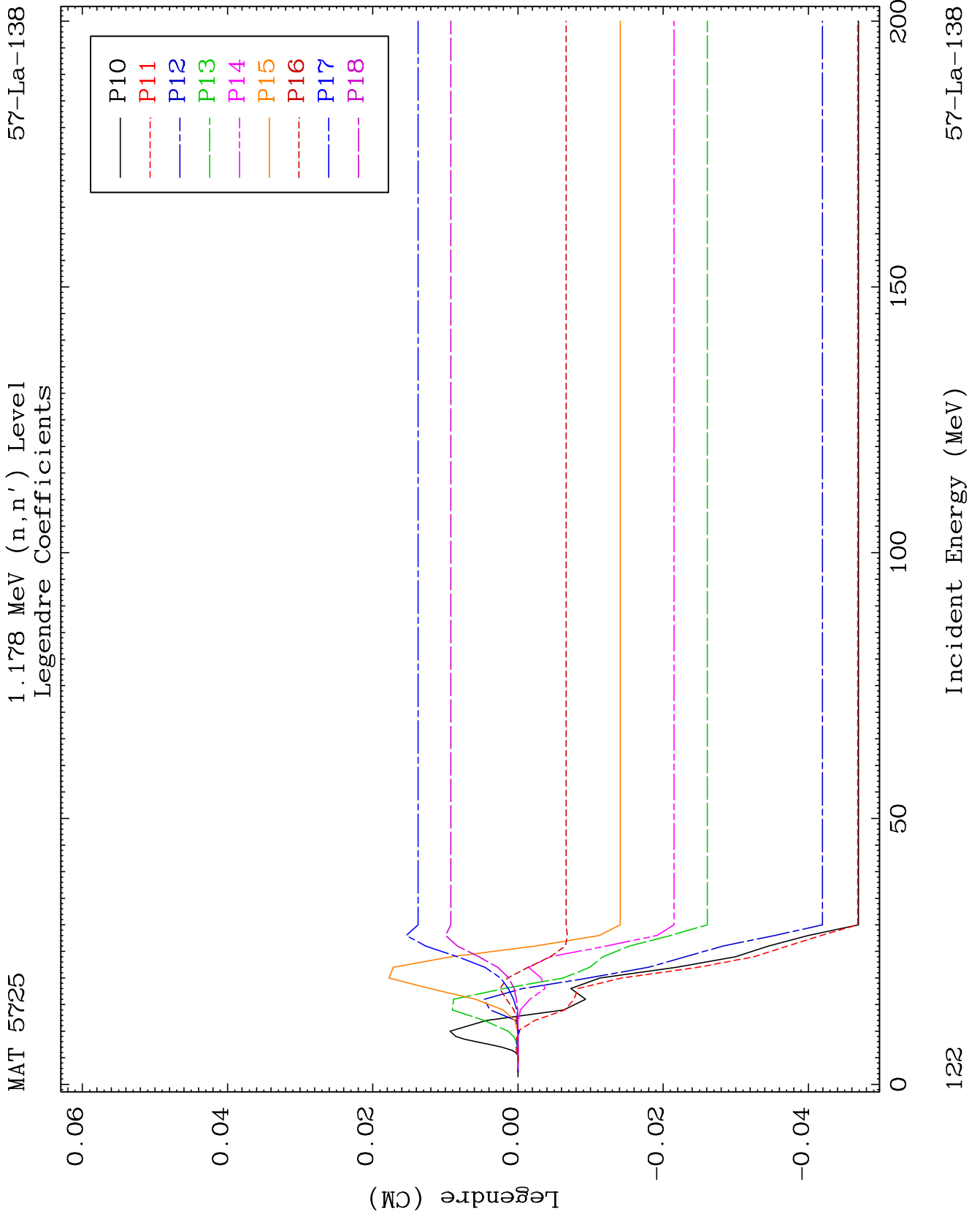
119

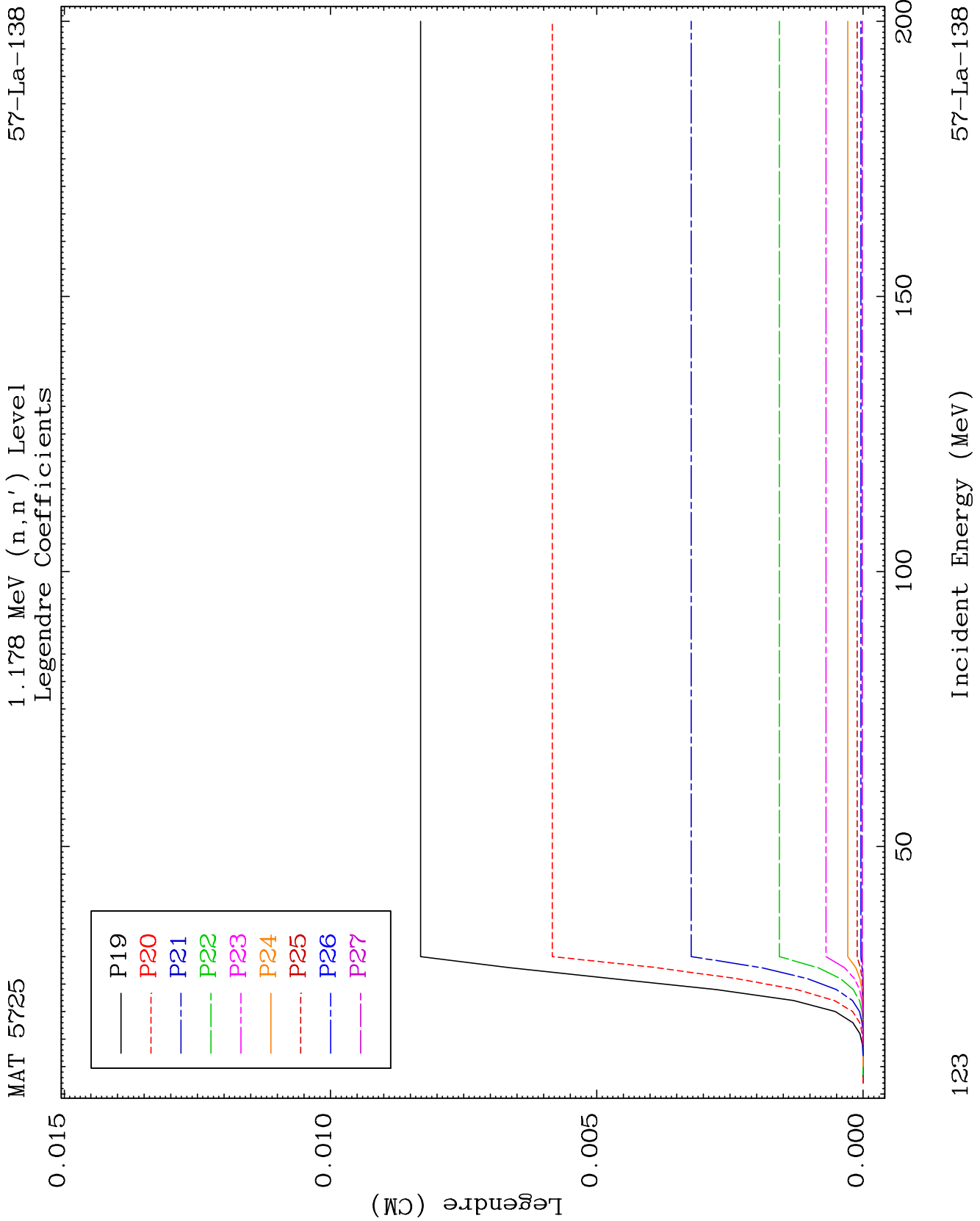
Incident Energy (MeV)

57-La-138





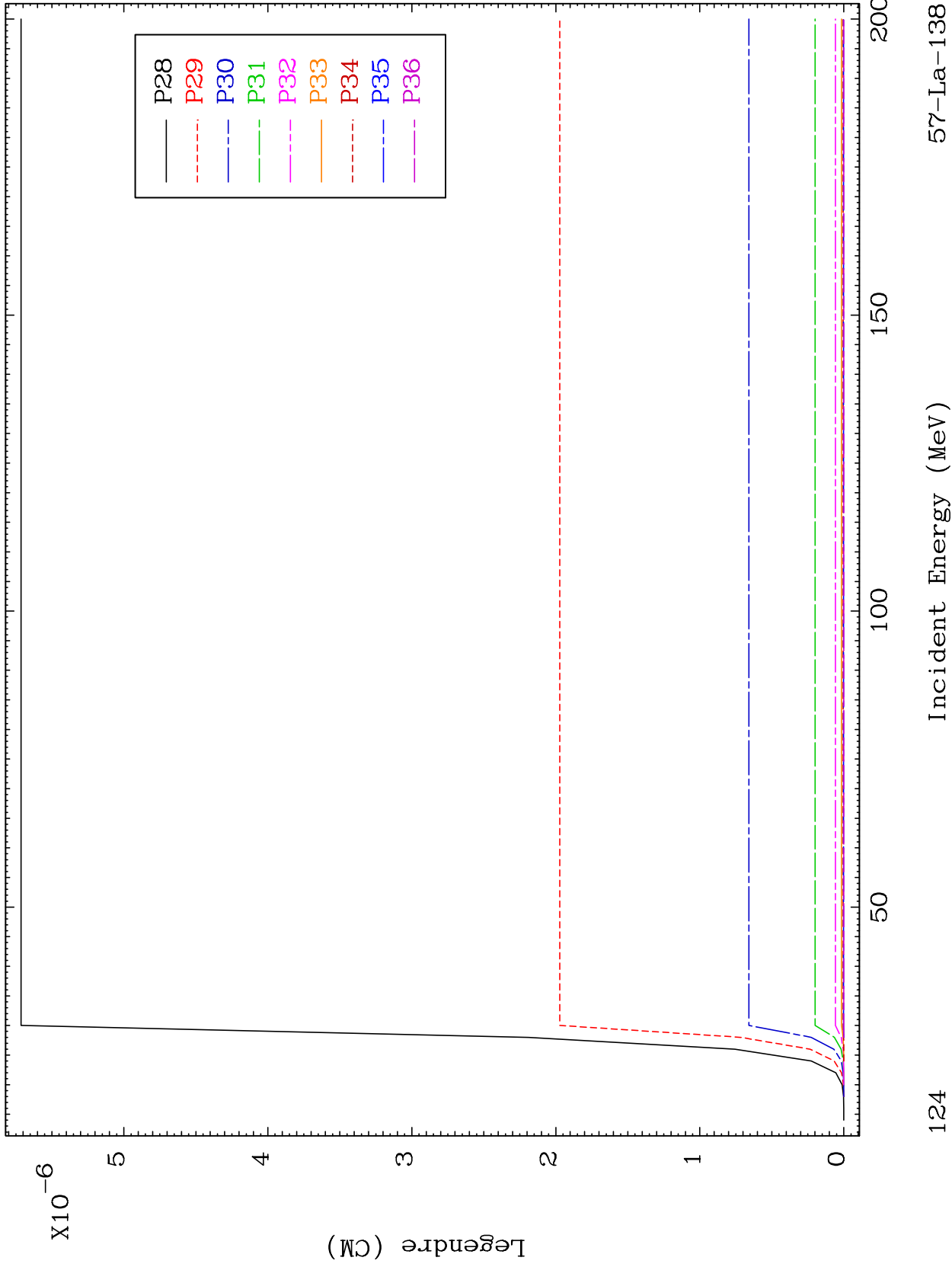




MAT 5725

1.178 MeV (n,n') Level
Legendre Coefficients

57-La-138



124

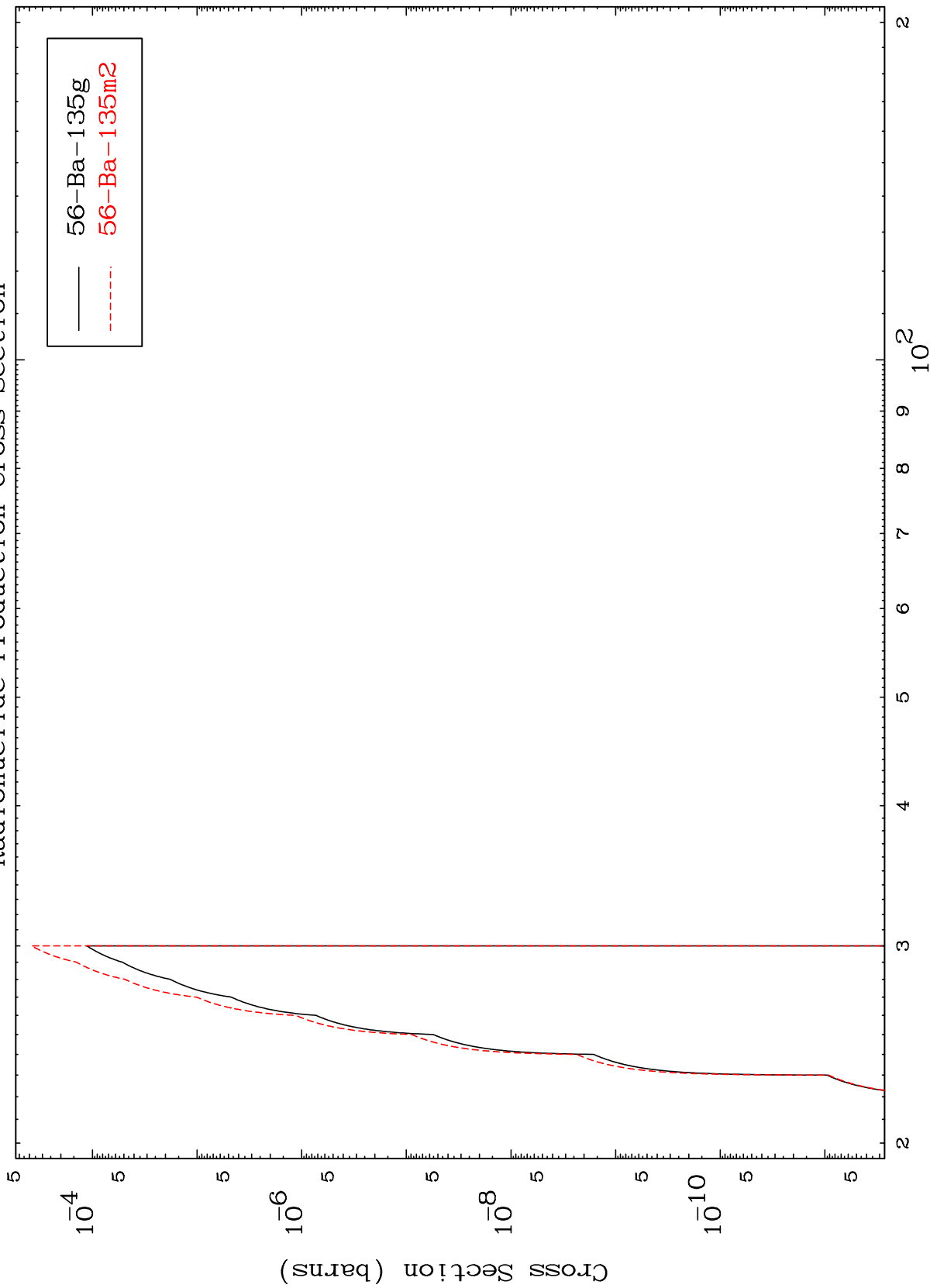
Incident Energy (MeV)

57-La-138

MAT 5725

57-La-138

(n,2n) d
Radionuclide Production Cross Section



56-Ba-135g
56-Ba-135m2

57-La-138

Incident Energy (MeV)

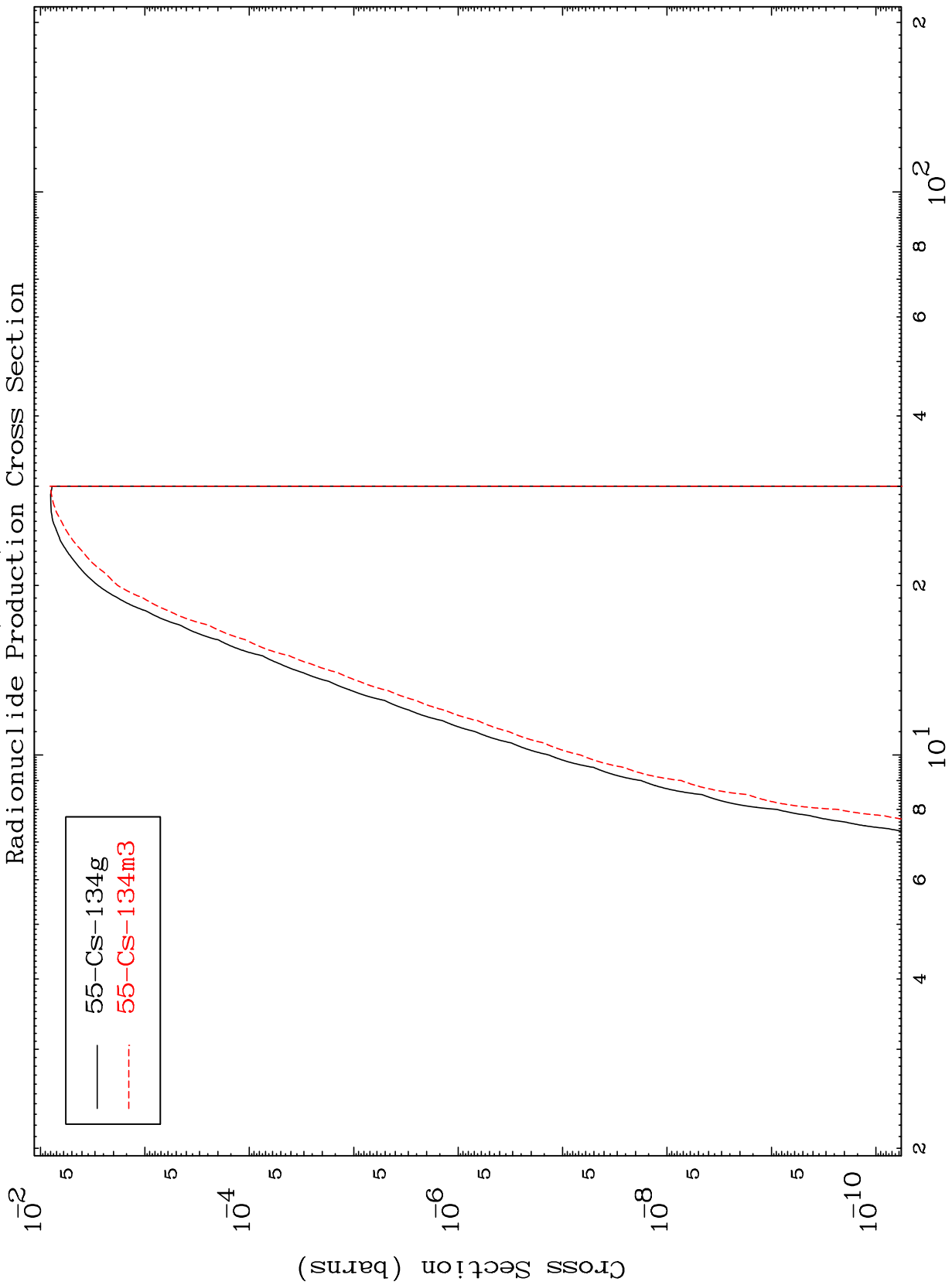
125

MAT 5725

(n,n') α

57-La-138

Radionuclide Production Cross Section



126

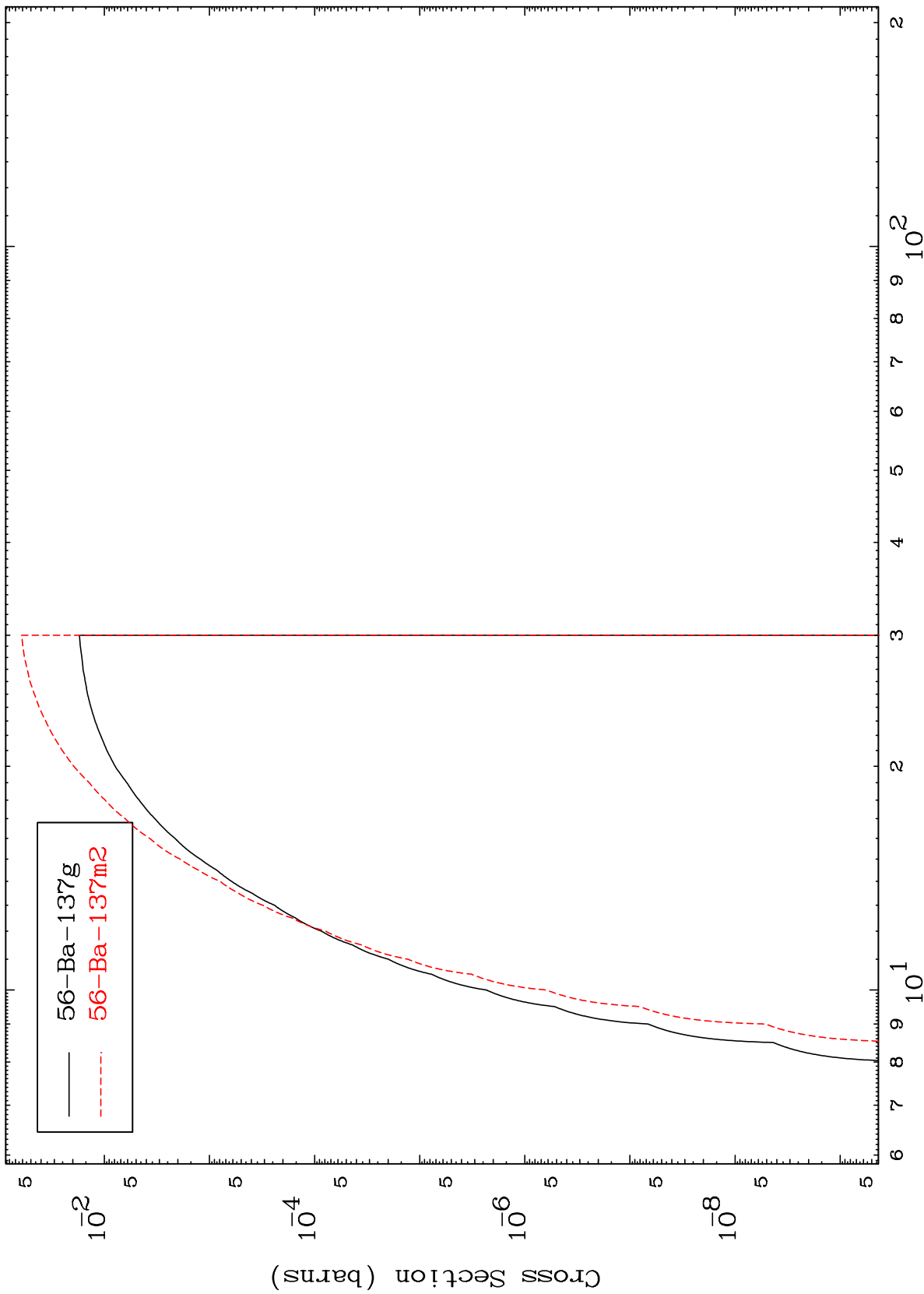
Incident Energy (MeV)

57-La-138

MAT 5725

57-La-138

(n,n') p
Radionuclide Production Cross Section



57-La-138

Incident Energy (MeV)

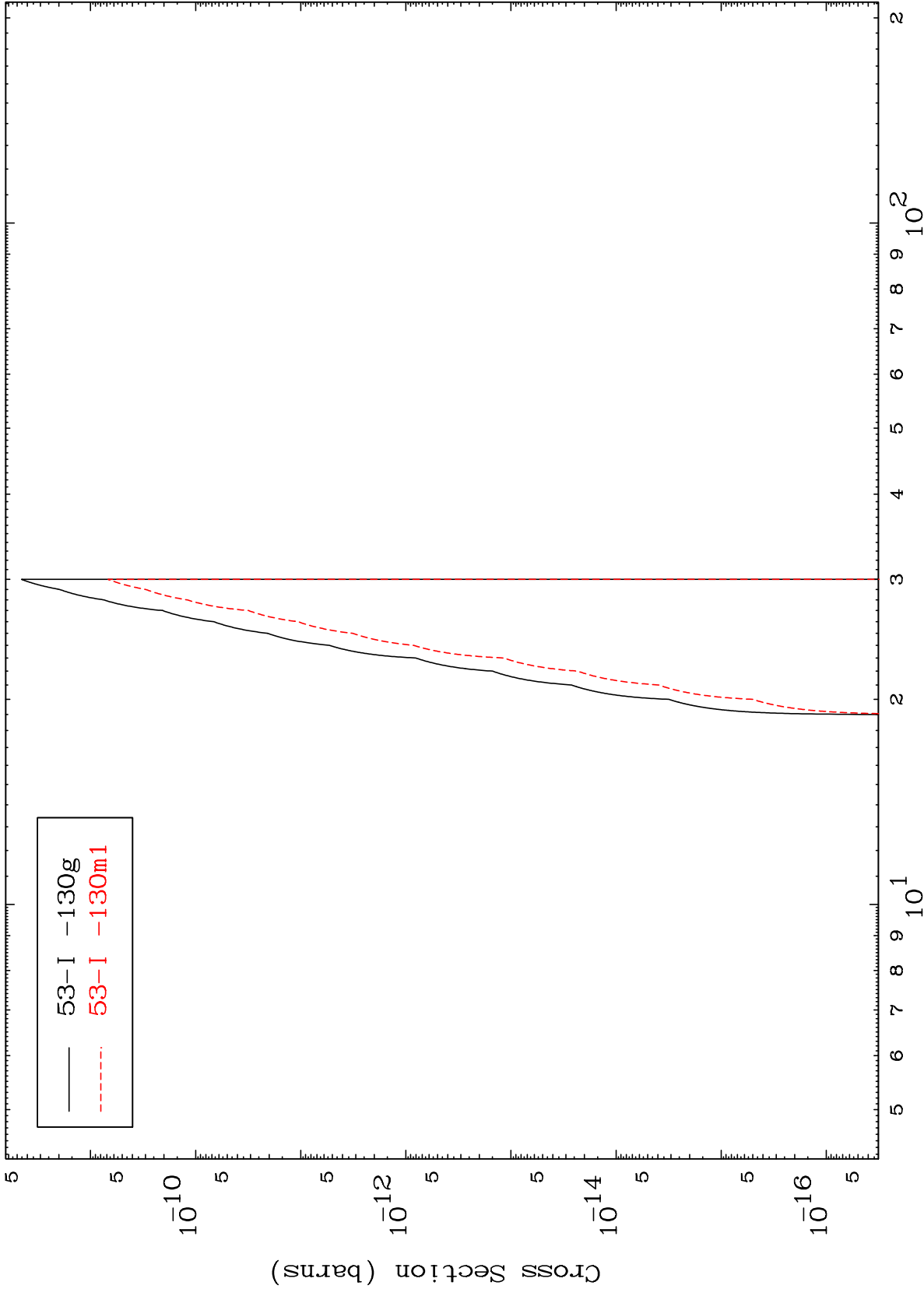
127

MAT 5725

(n,n') 2α

57-La-138

Radionuclide Production Cross Section



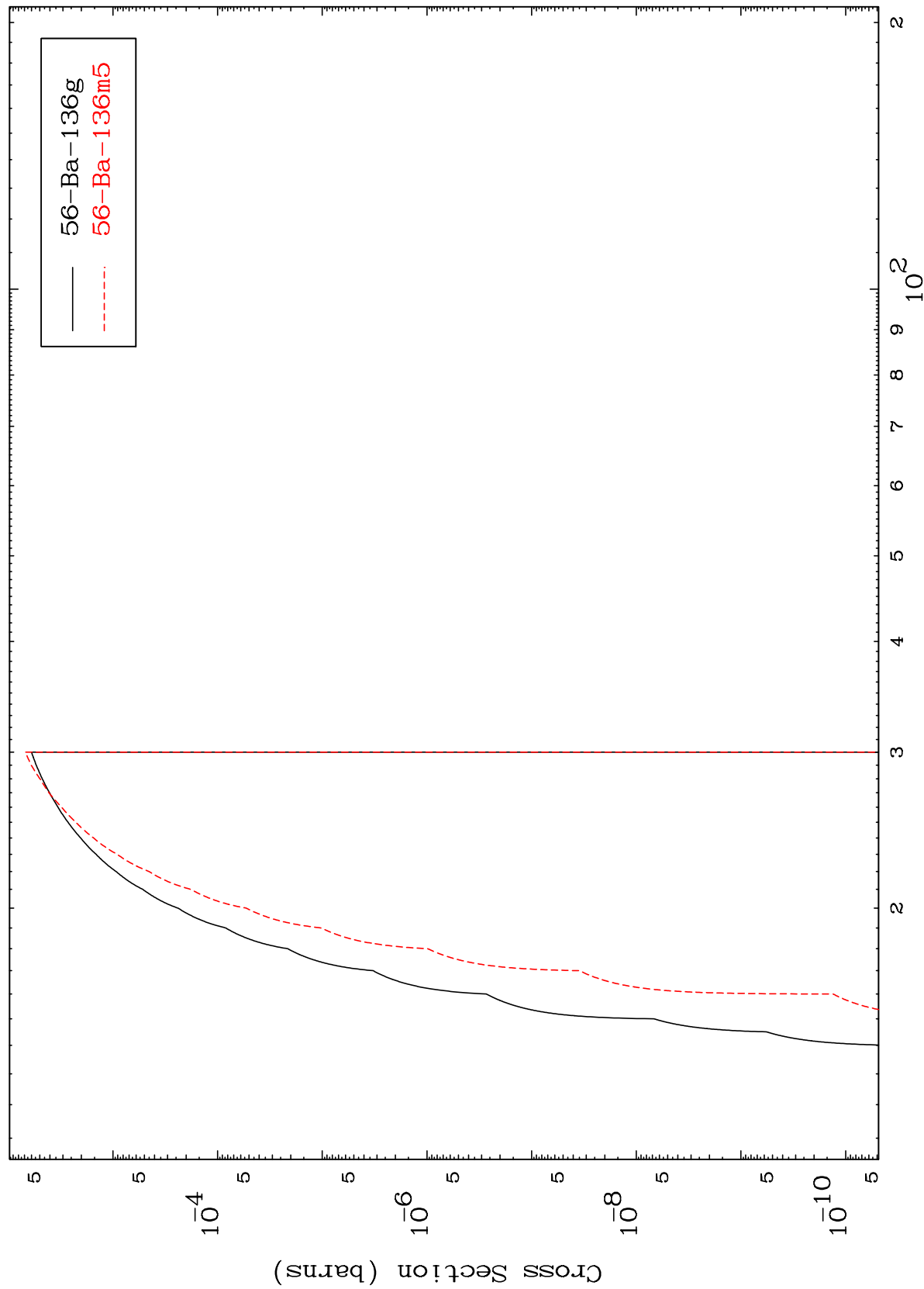
53-I -130g
53-I -130m1

128

Incident Energy (MeV)

57-La-138

Radionuclide Production Cross Section

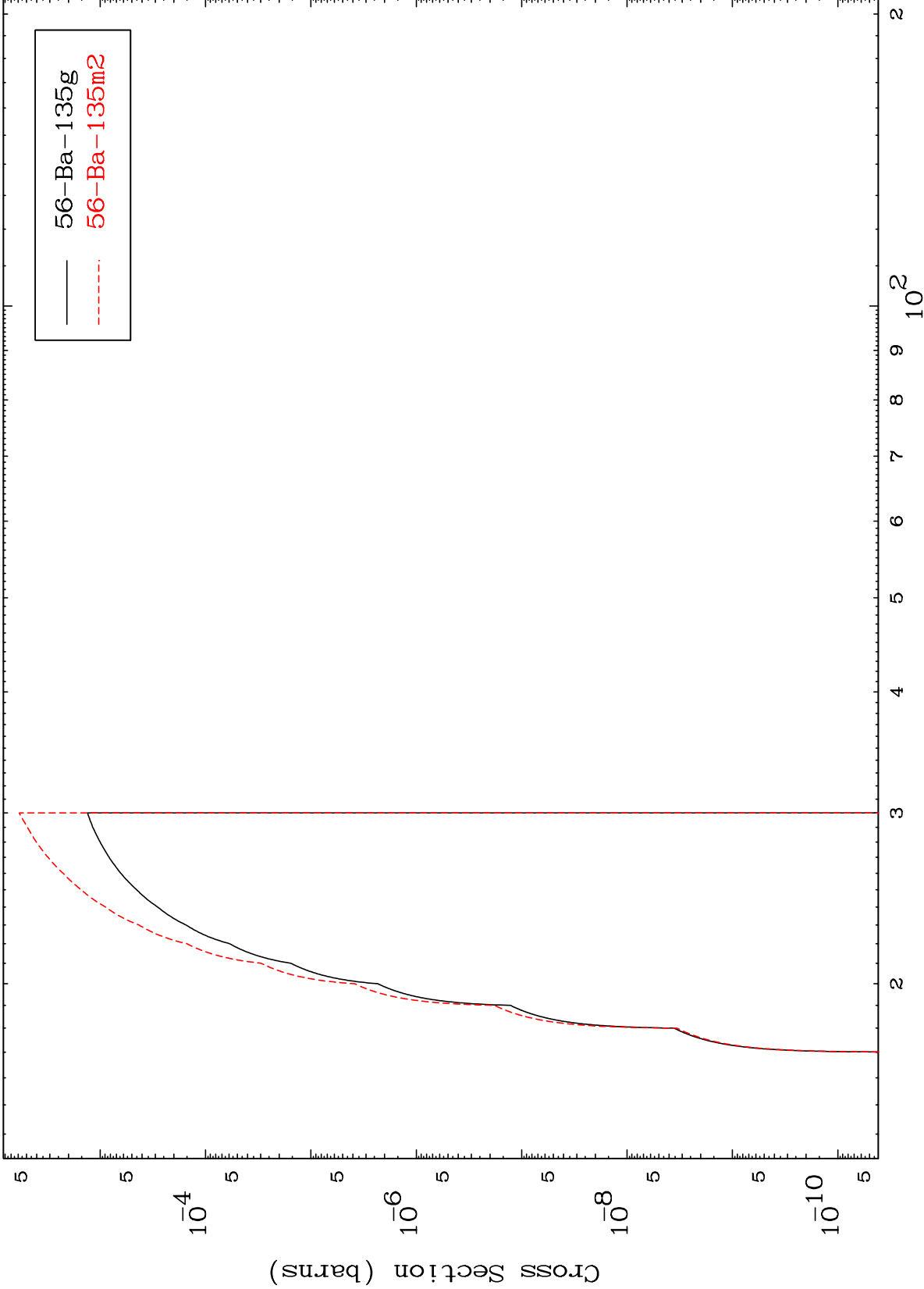


MAT 5725

(n,n') t

57-La-138

Radionuclide Production Cross Section



130

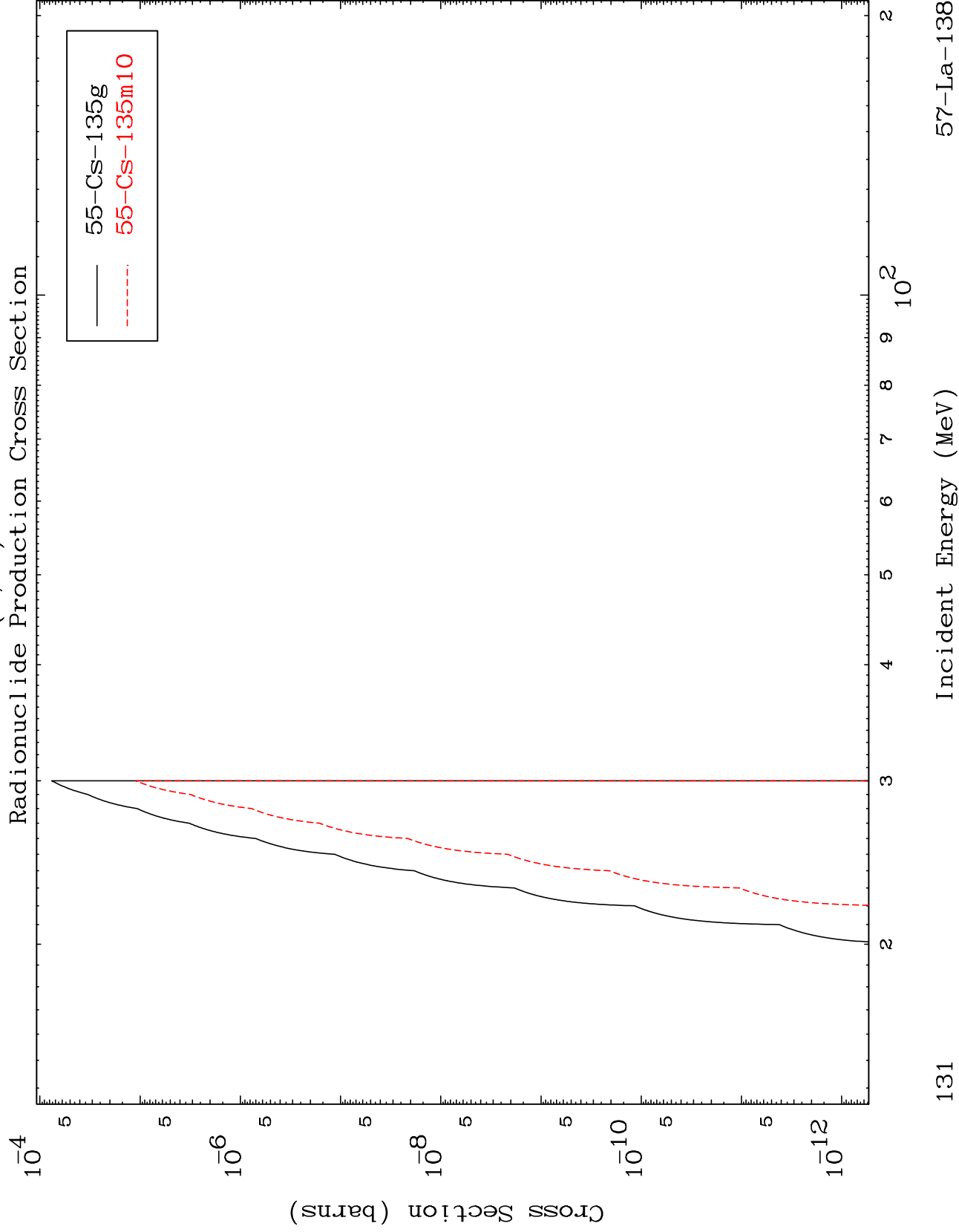
Incident Energy (MeV)

57-La-138

MAT 5725

(n,n') He-3

57-La-138



131

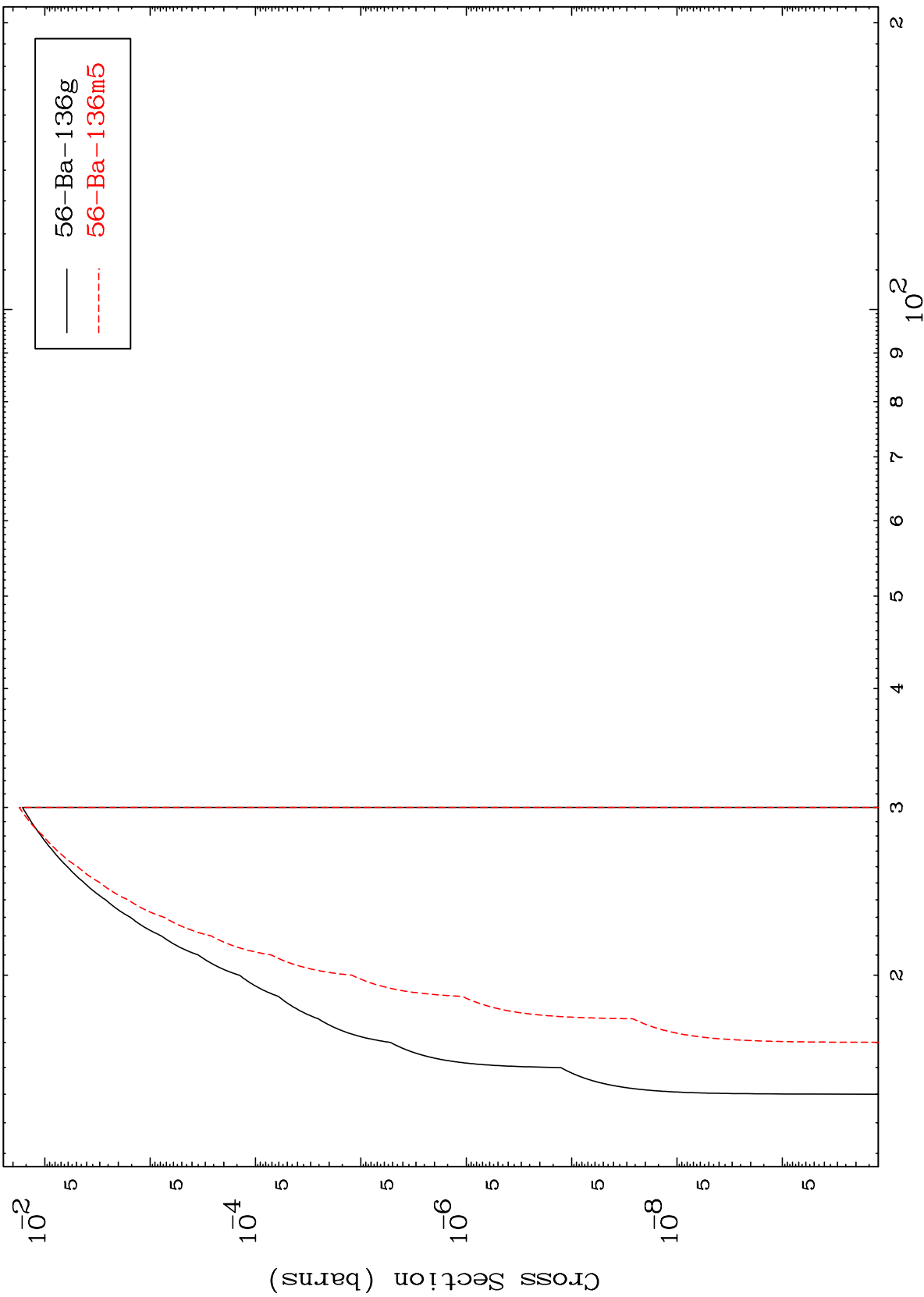
57-La-138

MAT 5725

(n,2n) p

57-La-138

Radionuclide Production Cross Section



56-Ba-136g
56-Ba-136m5

132

Incident Energy (MeV)

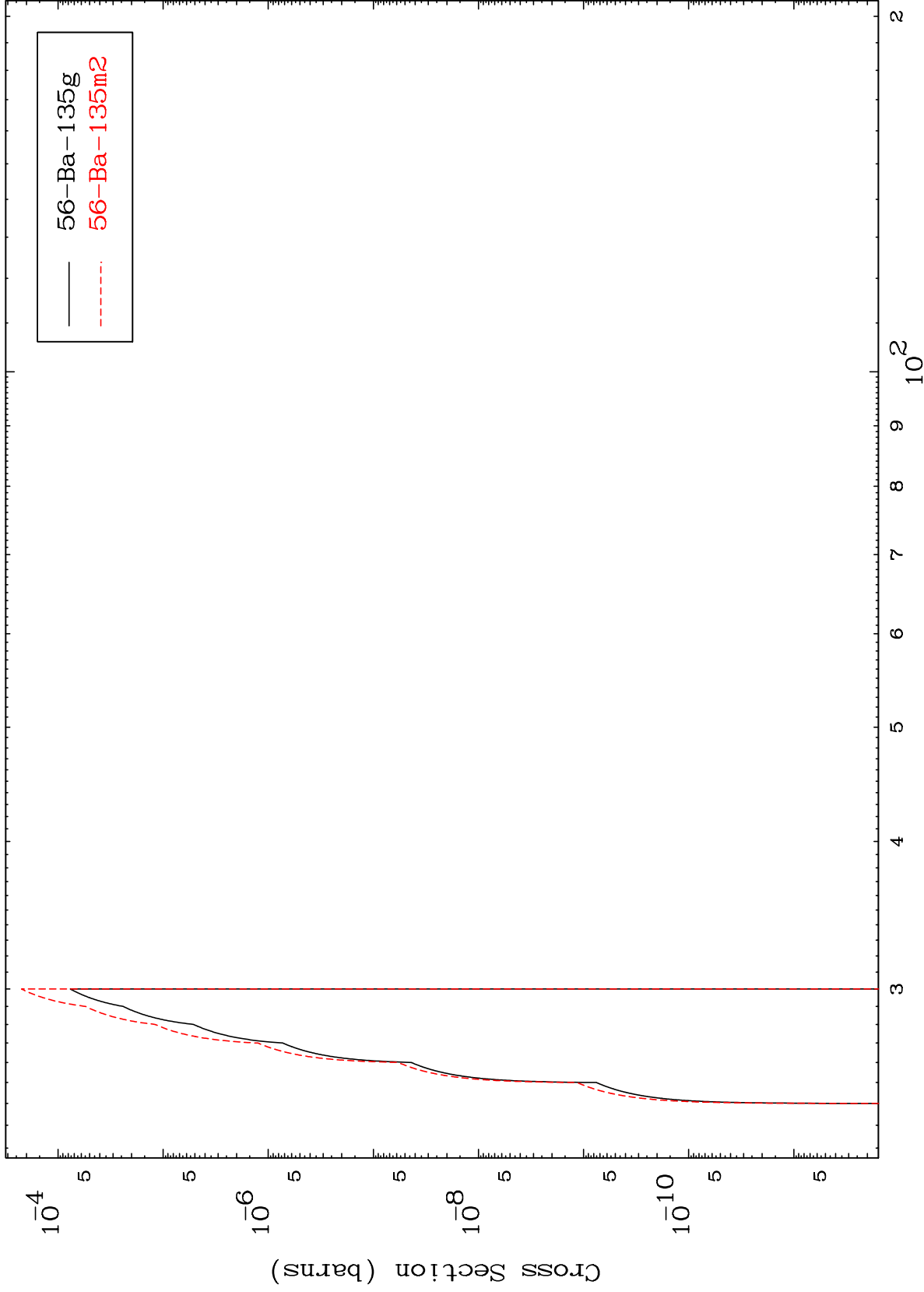
57-La-138

MAT 5725

(n,3n) p

57-La-138

Radionuclide Production Cross Section



133

Incident Energy (MeV)

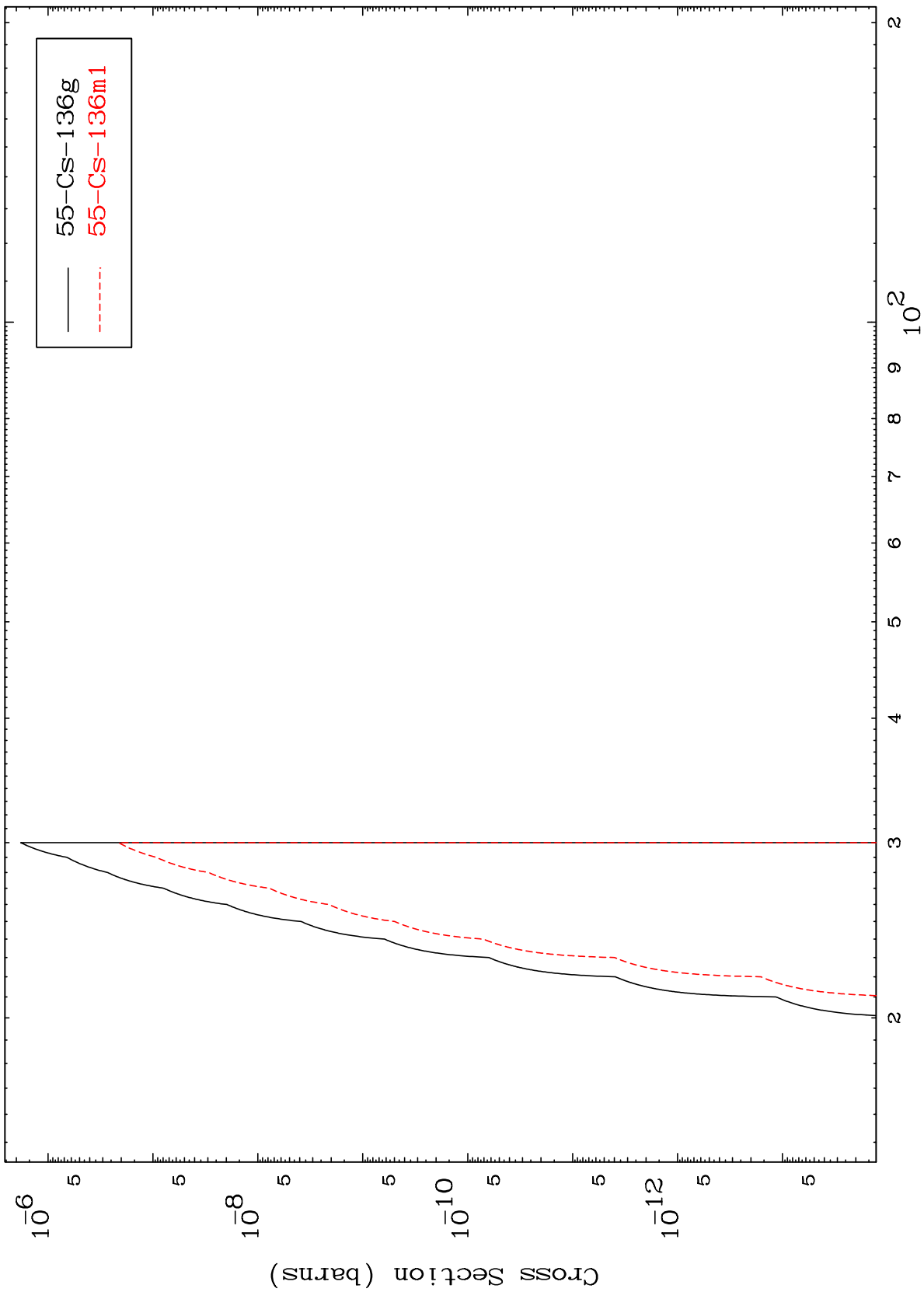
57-La-138

MAT 5725

(n,2n) p

57-La-138

Radionuclide Production Cross Section



134

Incident Energy (MeV)

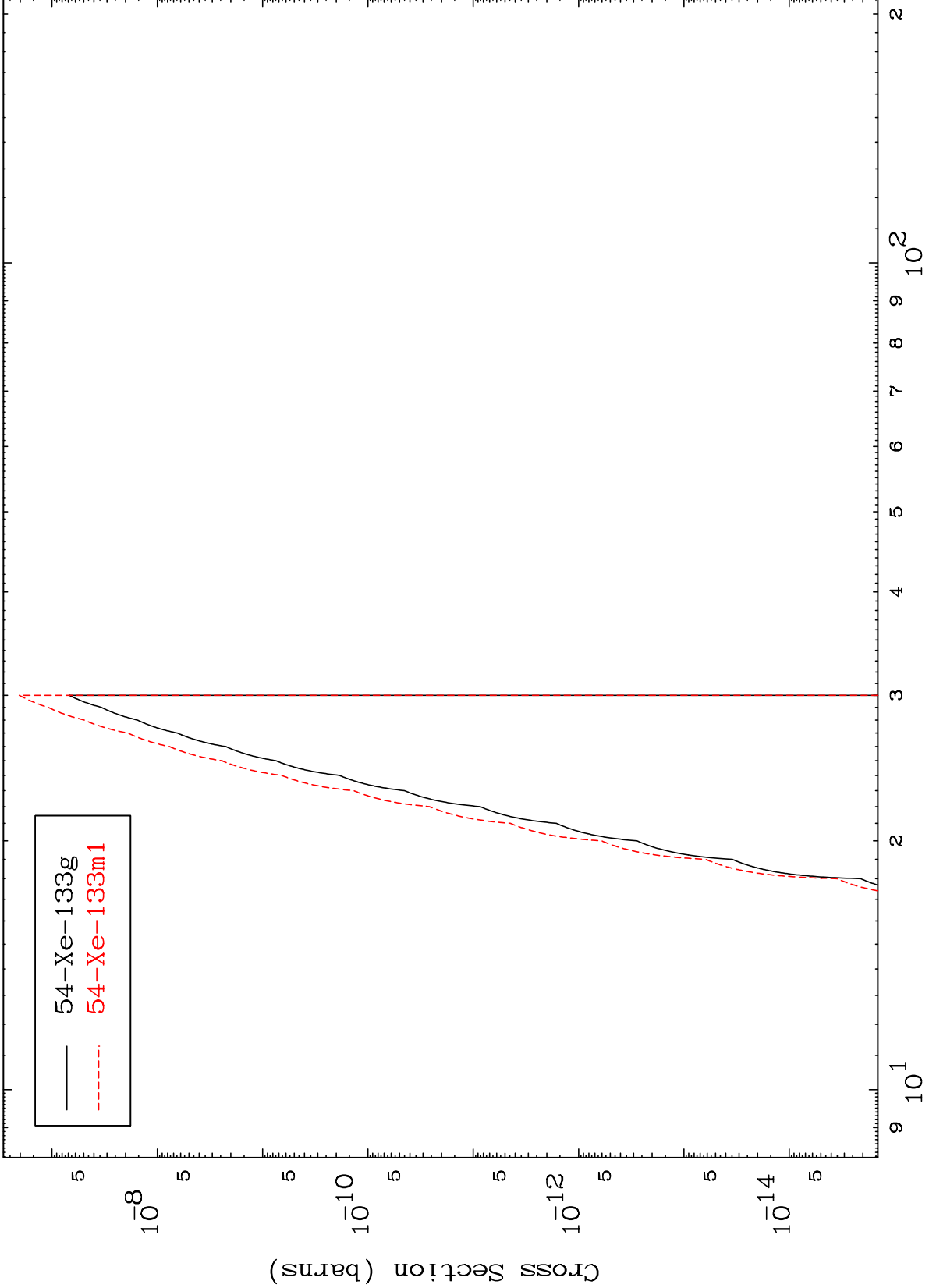
57-La-138

MAT 5725

(n,n') p α

57-La-138

Radionuclide Production Cross Section



54-Xe-133g
54-Xe-133m1

135

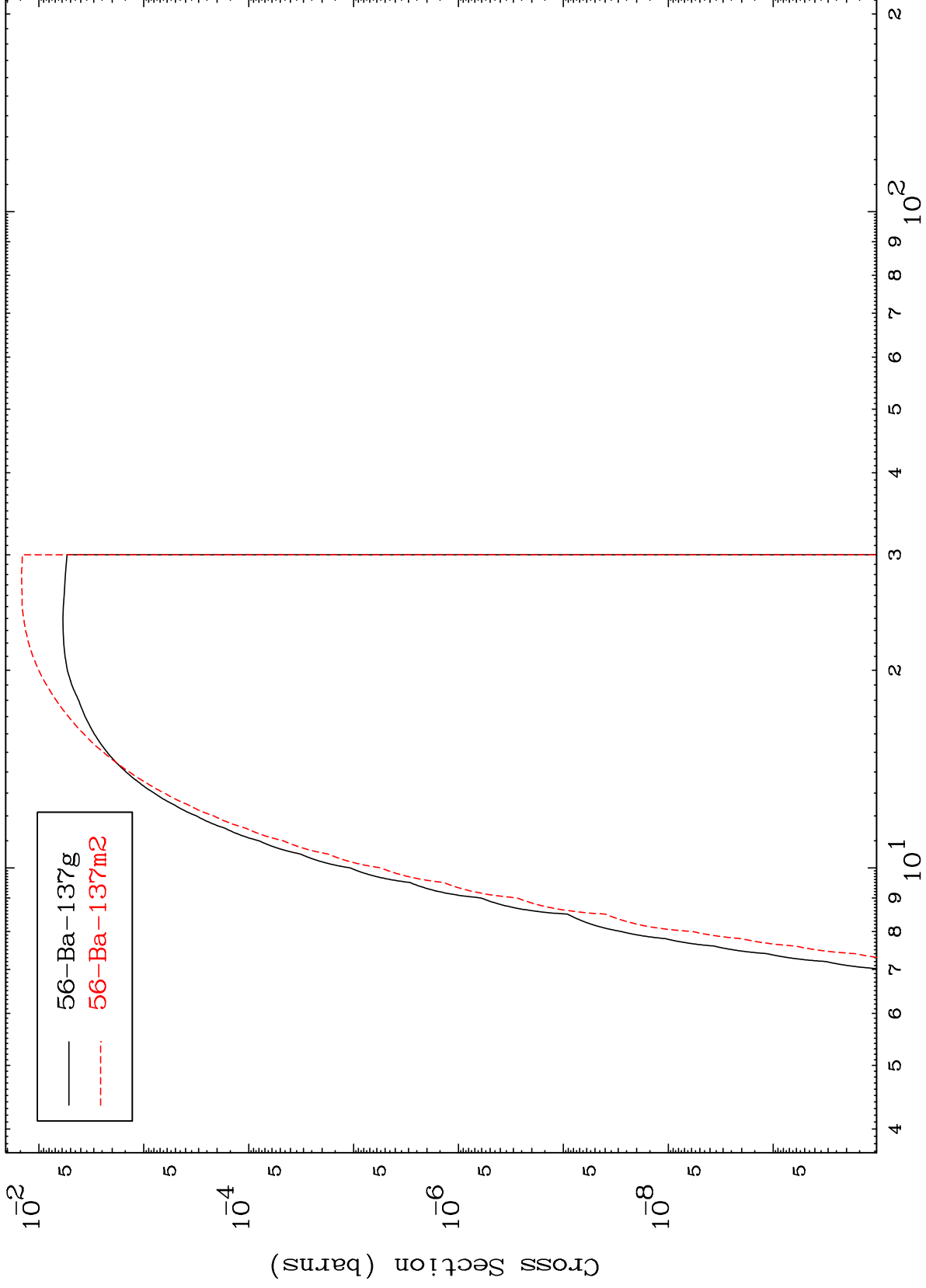
Incident Energy (MeV)

57-La-138

MAT 5725

57-La-138

(n,d)
Radionuclide Production Cross Section



136

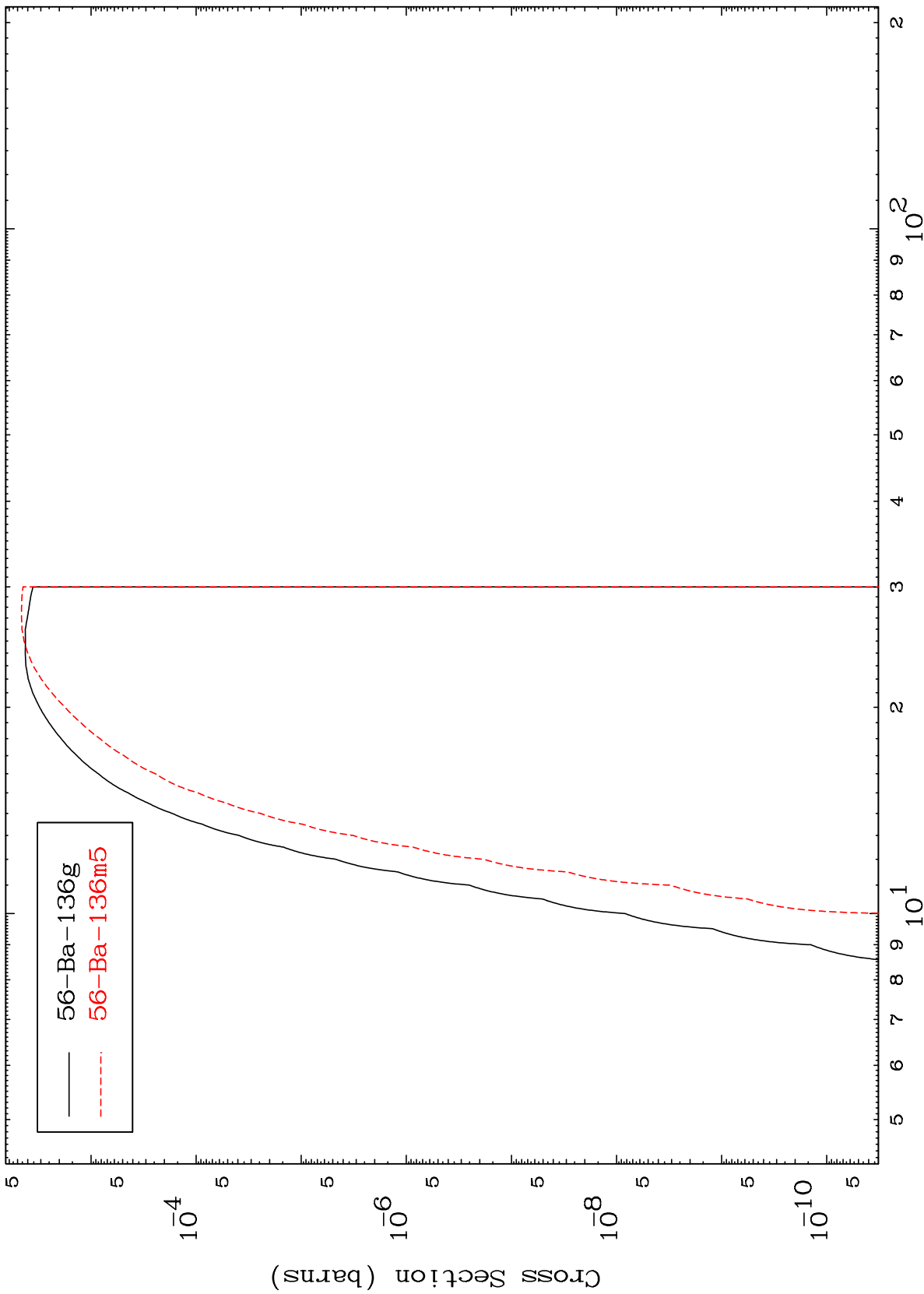
Incident Energy (MeV)

57-La-138

MAT 5725

57-La-138

(n, t)
Radionuclide Production Cross Section



137

Incident Energy (MeV)

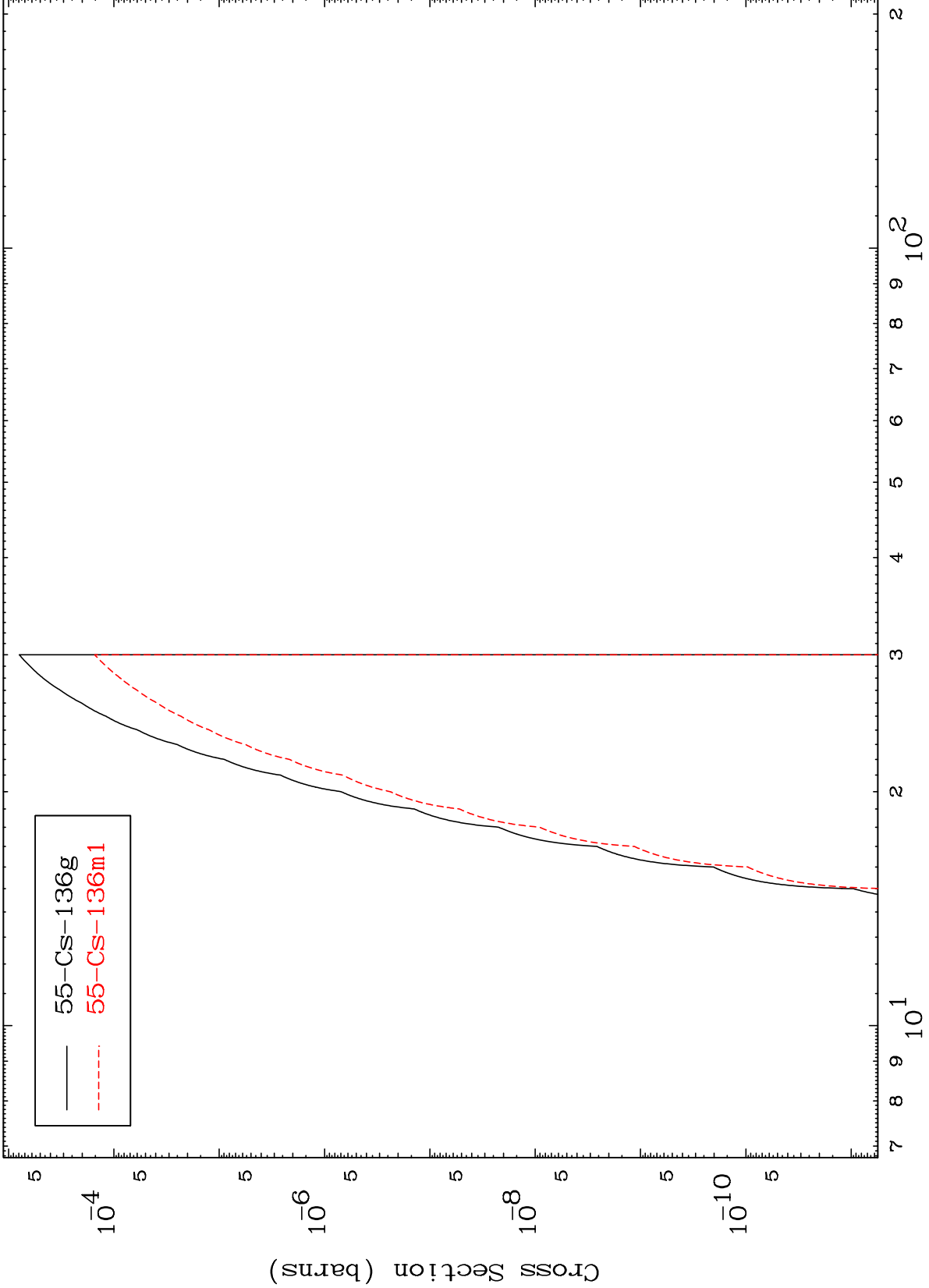
57-La-138

MAT 5725

(n,He-3)

57-La-138

Radionuclide Production Cross Section



55-Cs-136g
55-Cs-136m1

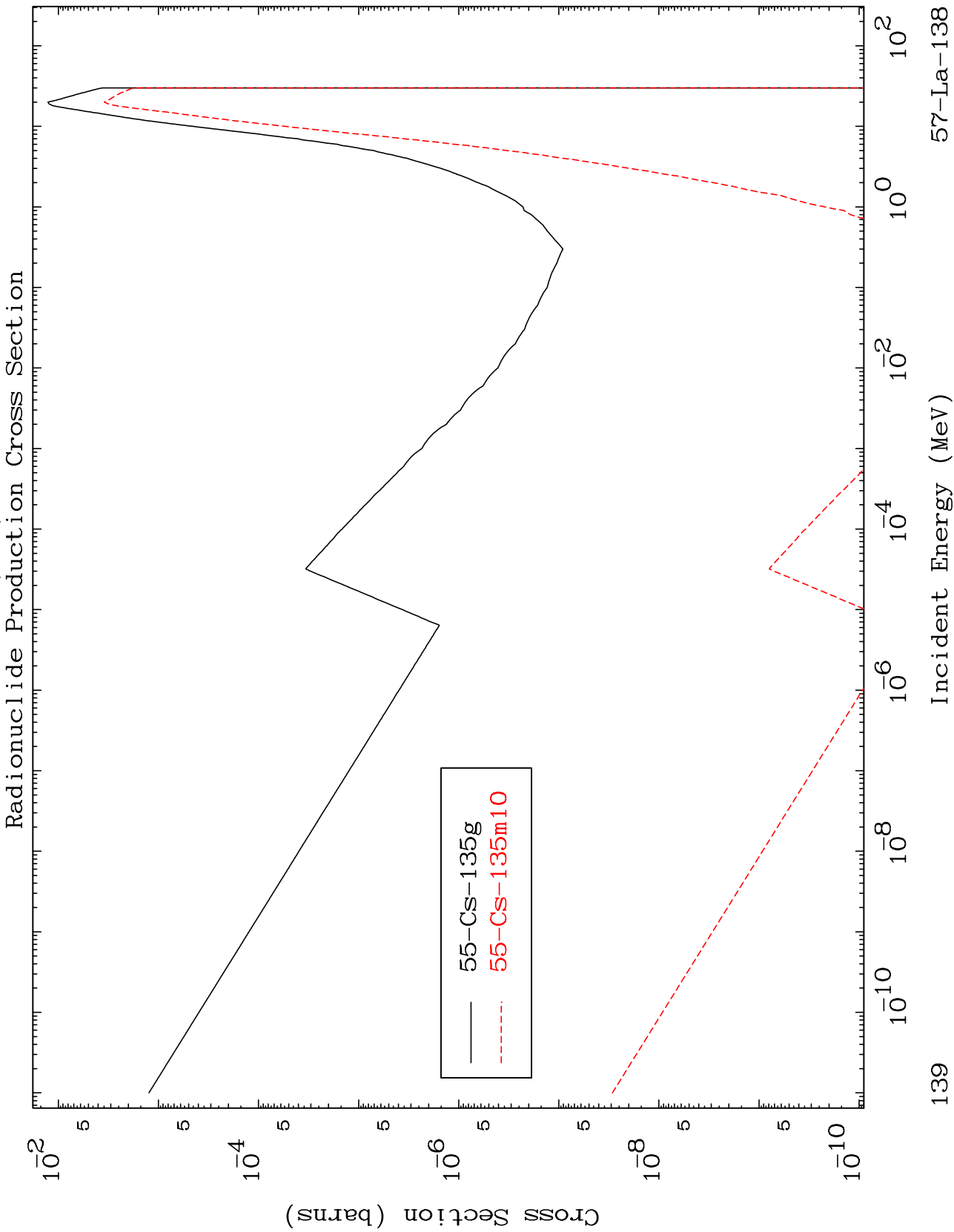
138

Incident Energy (MeV)

57-La-138

MAT 5725

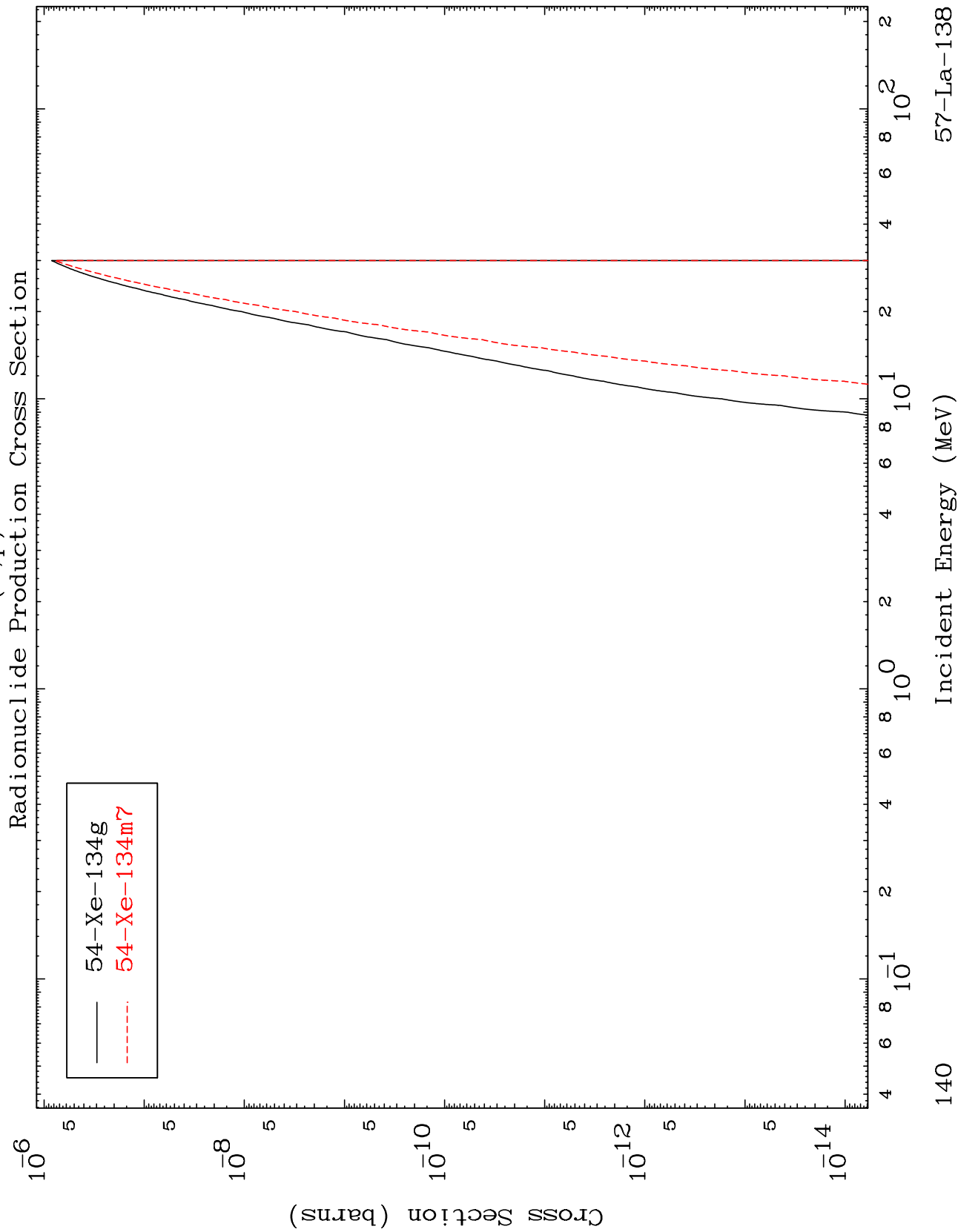
57-La-138



MAT 5725

(n,p) α

57-La-138

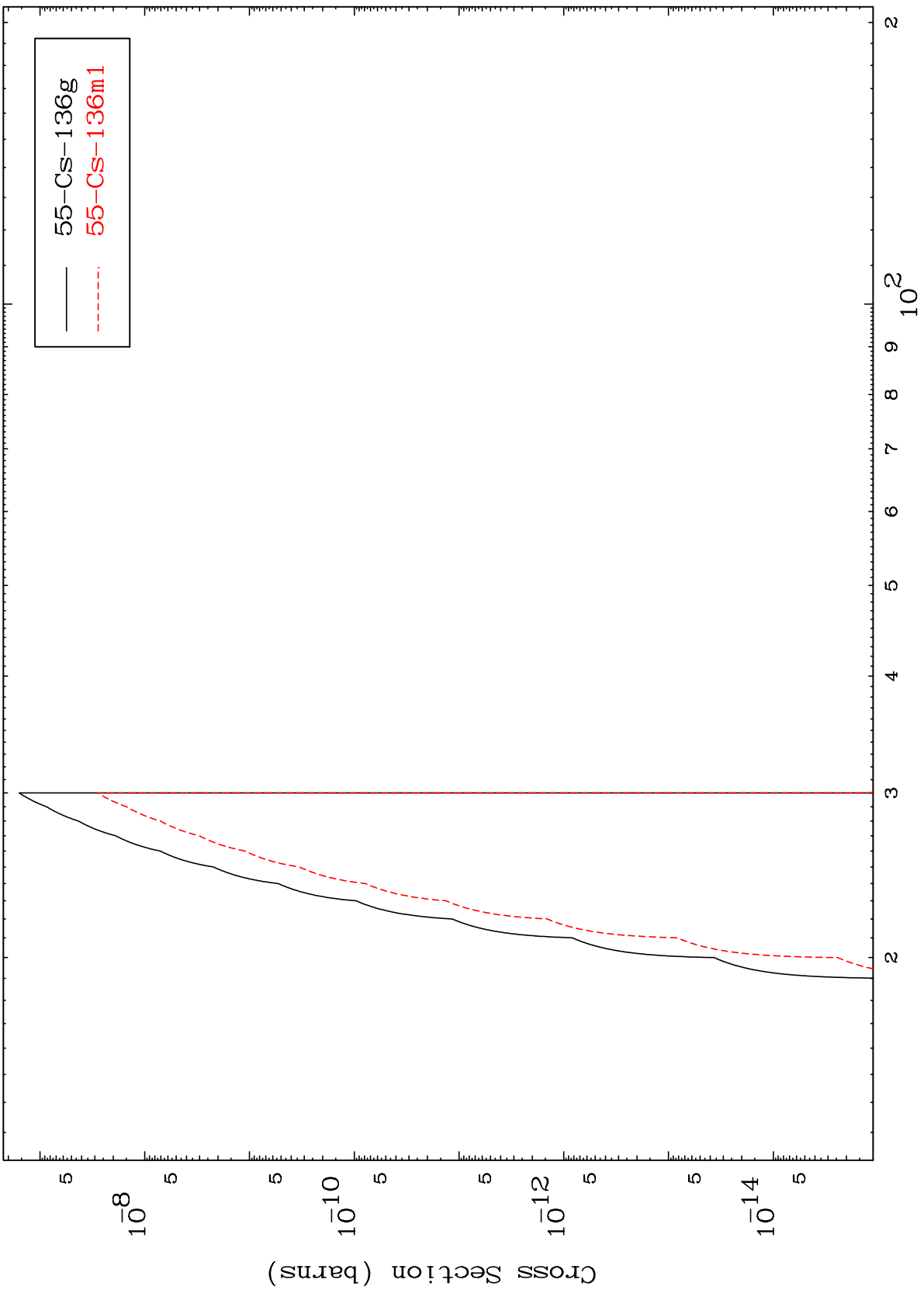


MAT 5725

(n,p) d

57-La-138

Radionuclide Production Cross Section



55-Cs-136g
55-Cs-136m1

141

Incident Energy (MeV)

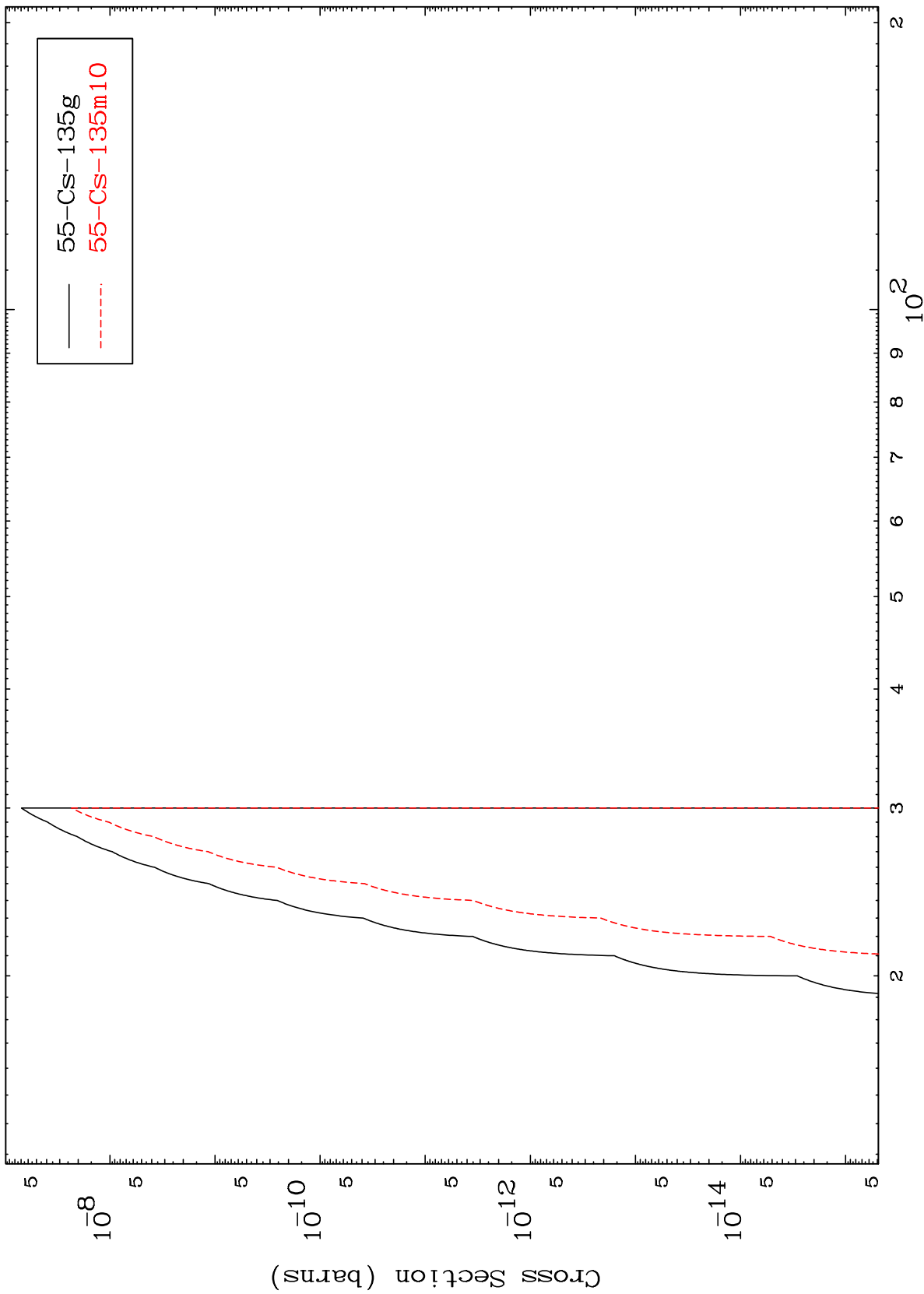
57-La-138

MAT 5725

(n,p) t

57-La-138

Radionuclide Production Cross Section



142

Incident Energy (MeV)

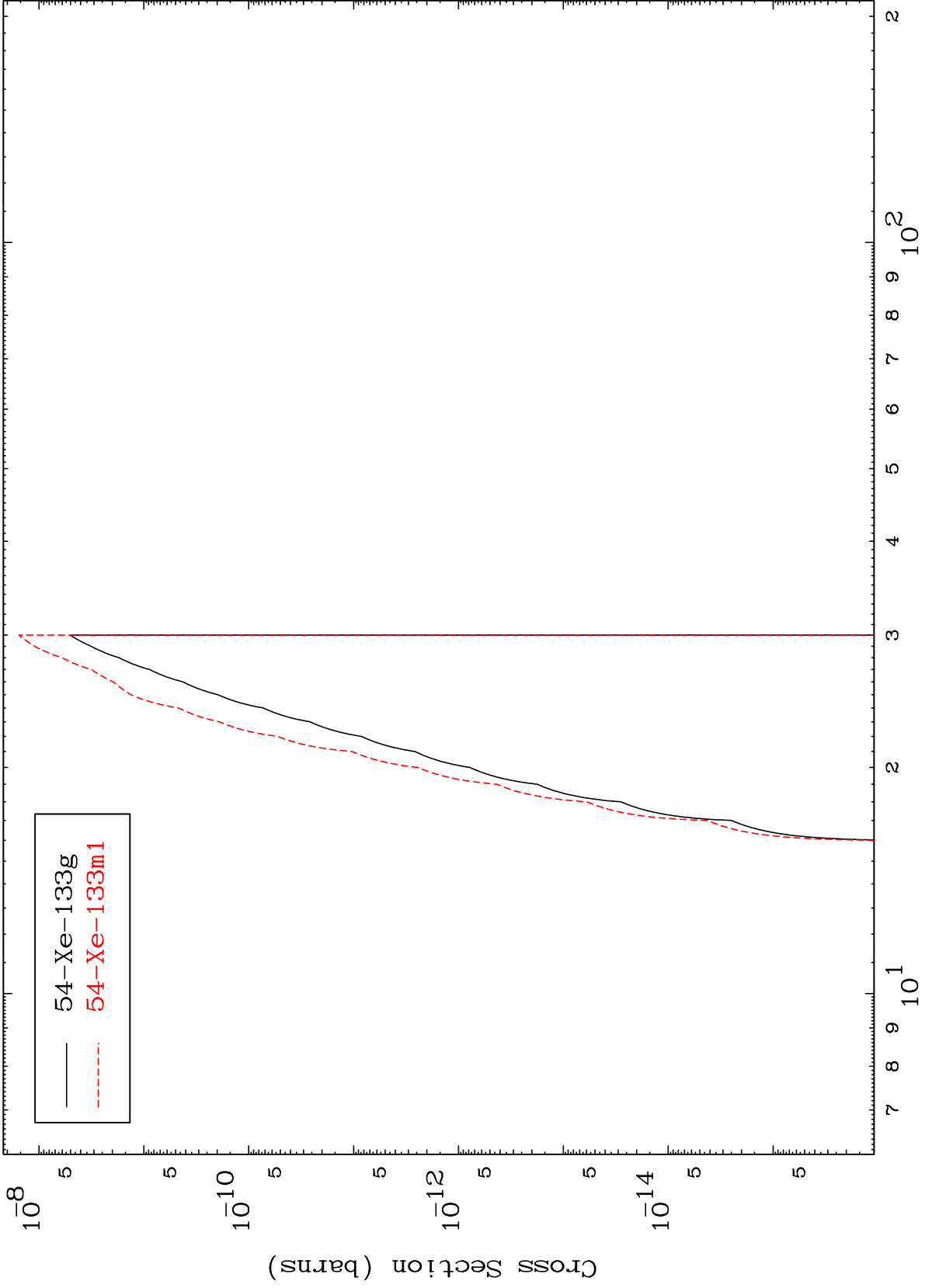
57-La-138

MAT 5725

(n,d) α

57-La-138

Radionuclide Production Cross Section



143

57-La-138