

Program EVALPLOT  
(Version 2021-1)

by

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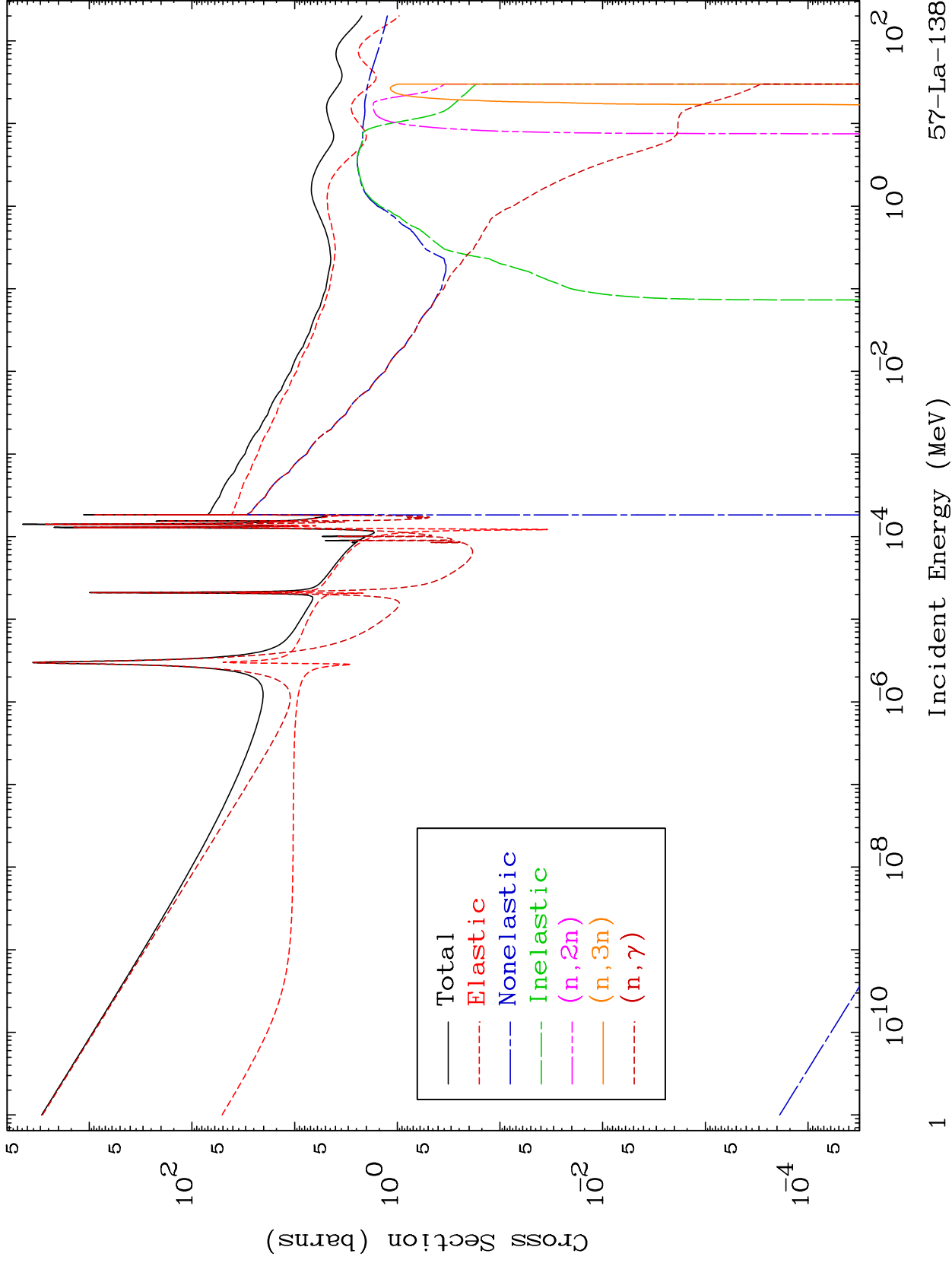
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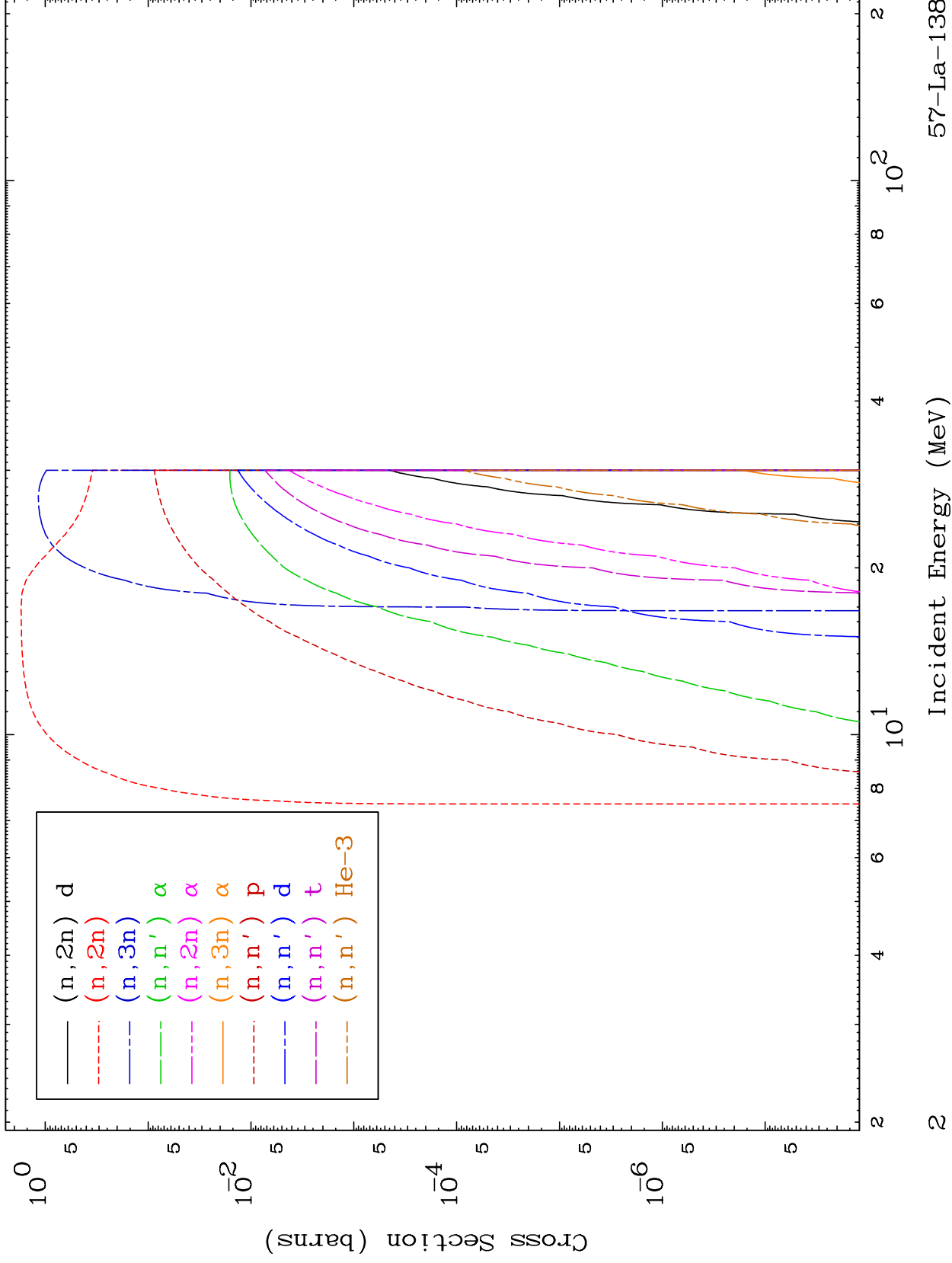
Press Mouse Button to Start

MAT 5725

Neutron Major  
293 Kelvin Cross Sections

57-La-138

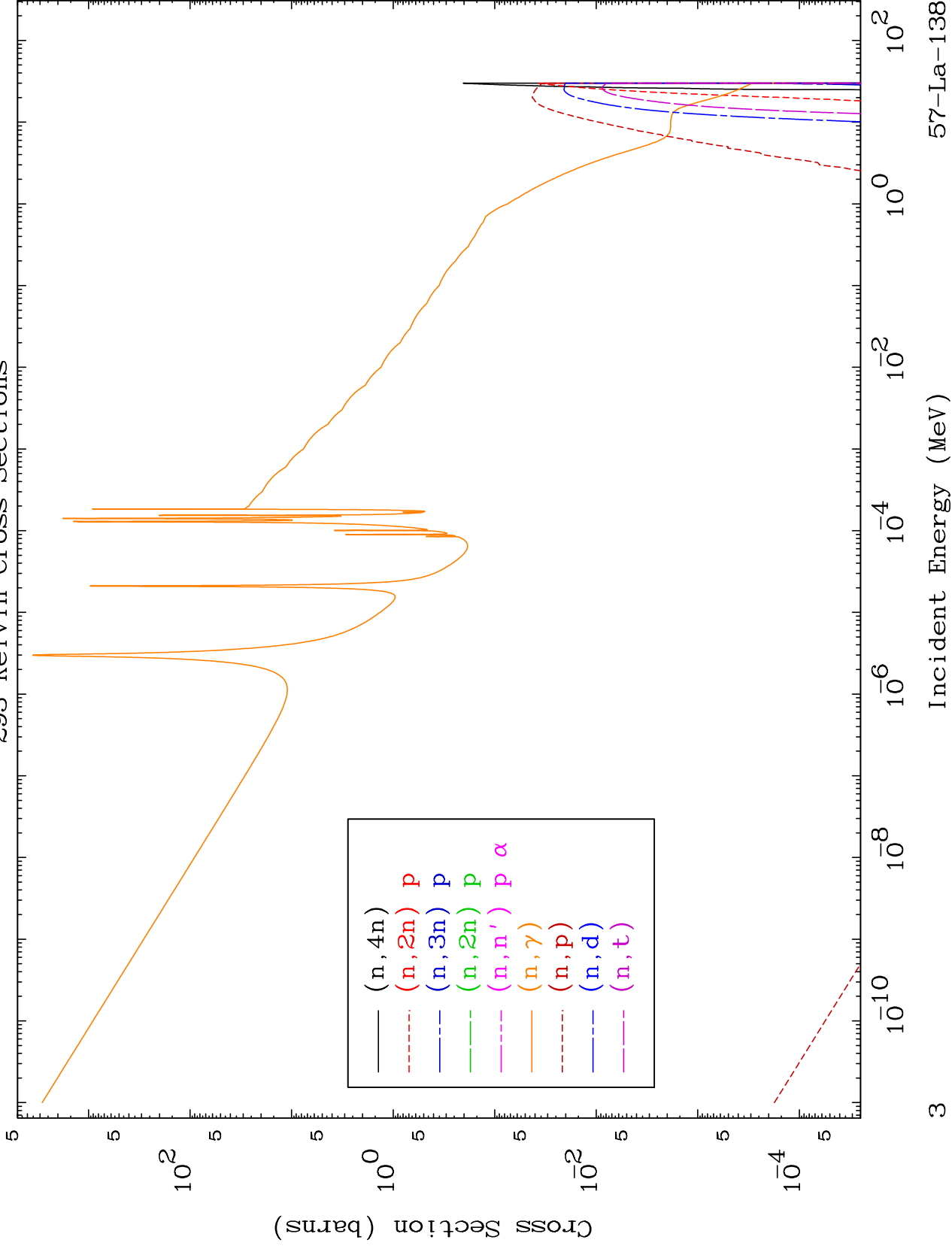




MAT 5725

Neutron Absorption  
293 Kelvin Cross Sections

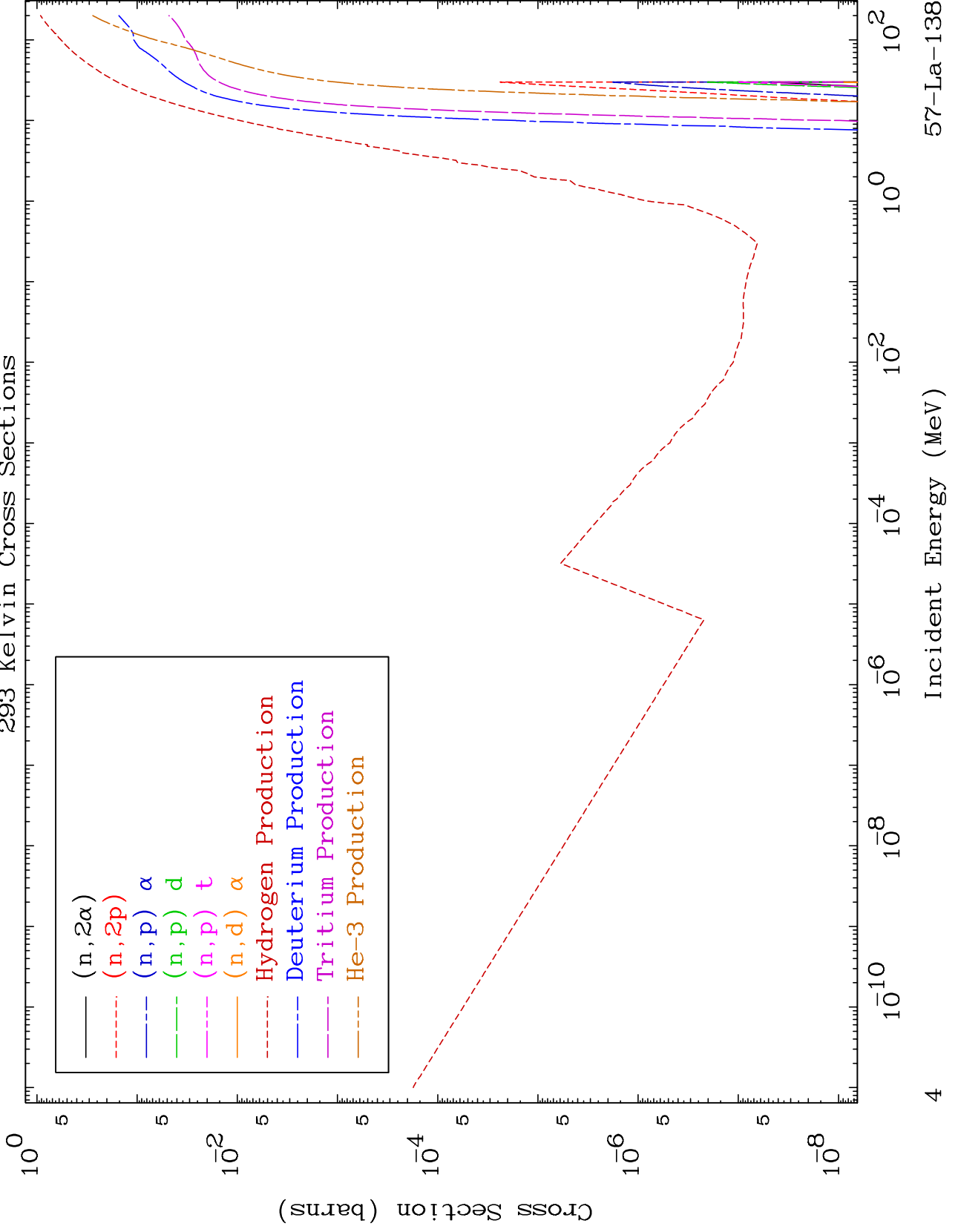
57-La-138



MAT 5725

Neutron Absorption  
293 Kelvin Cross Sections

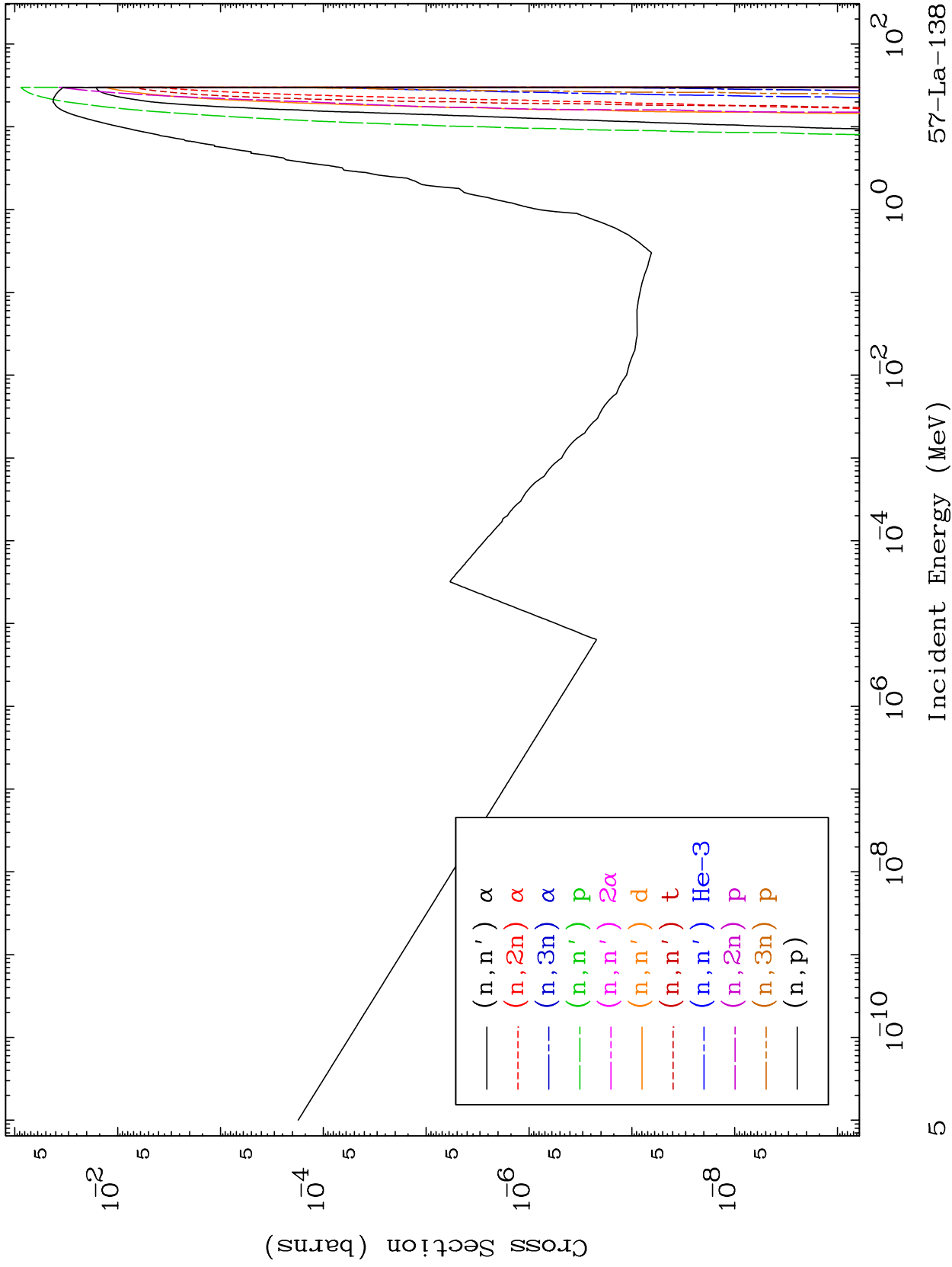
57-La-138



MAT 5725

Charged Particle  
293 Kelvin Cross Sections

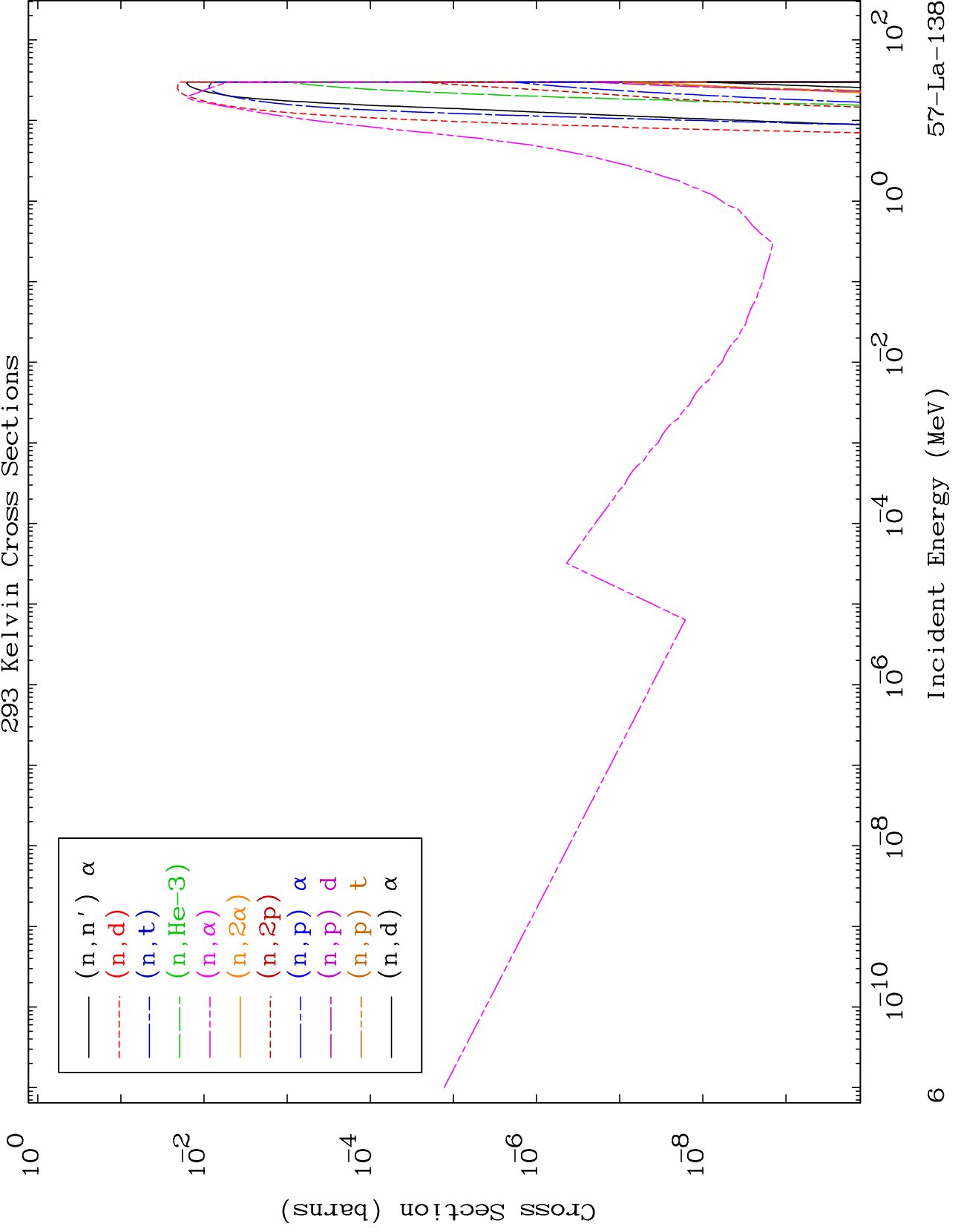
57-La-138



MAT 5725

Charged Particle  
293 Kelvin Cross Sections

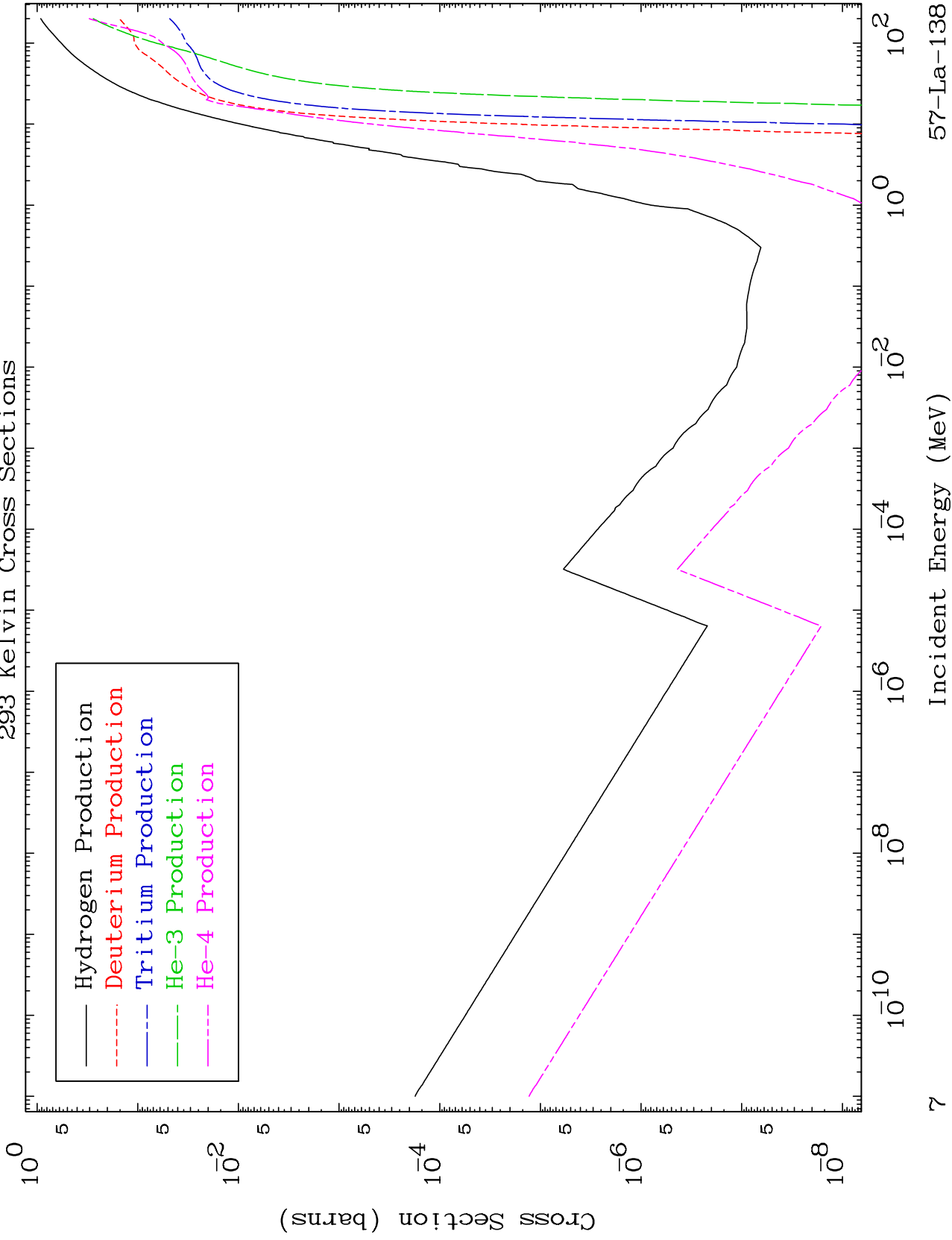
57-La-138



MAT 5725

Particle Production  
293 Kelvin Cross Sections

57-La-138



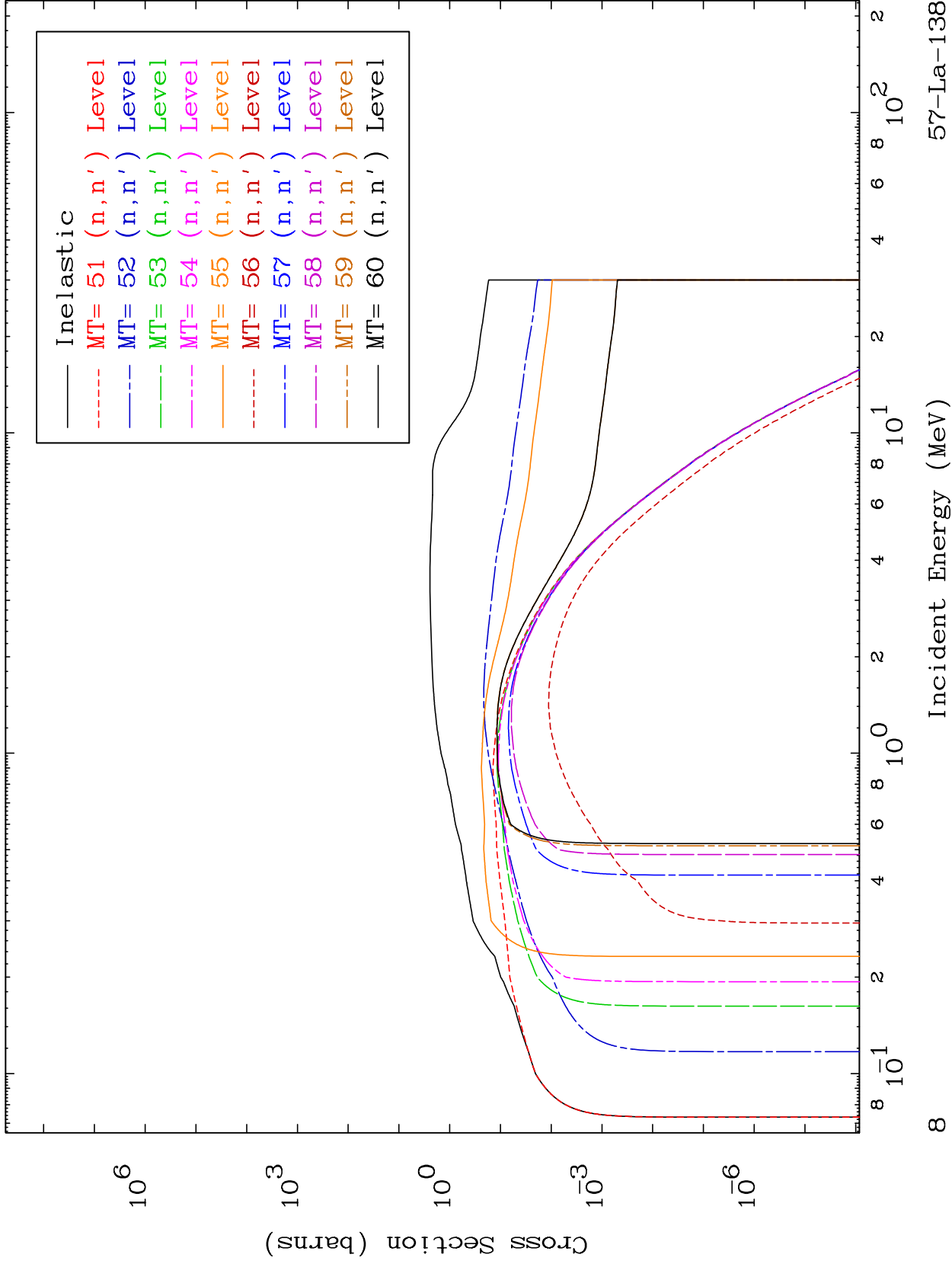


MAT 5725

(n,n') Levels

57-La-138

293 Kelvin Cross Sections



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Incident Energy (MeV)

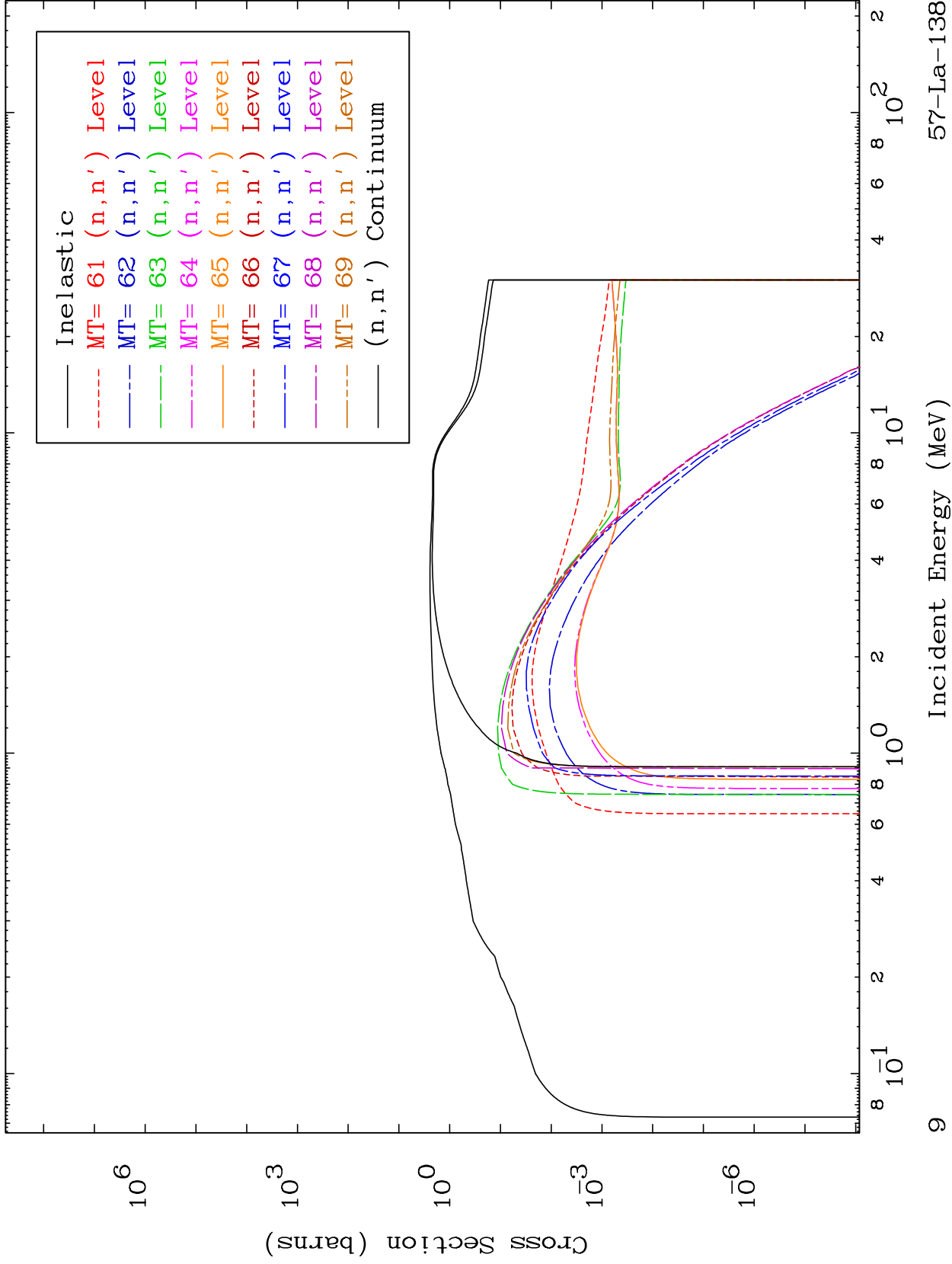
57-La-138

MAT 5725

(n,n') Levels

57-La-138

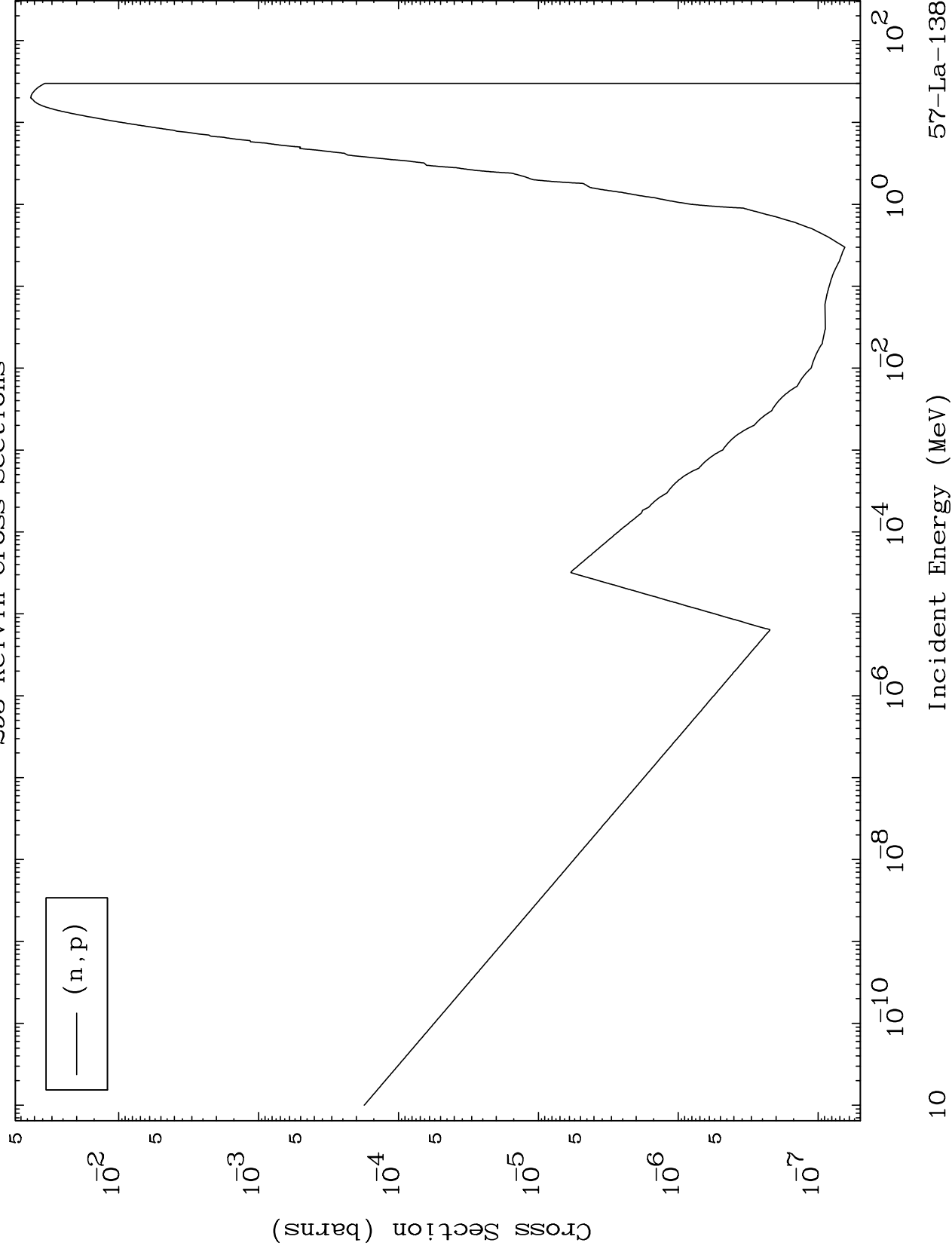
293 Kelvin Cross Sections



MAT 5725

(n,p) Levels  
293 Kelvin Cross Sections

57-La-138



57-La-138

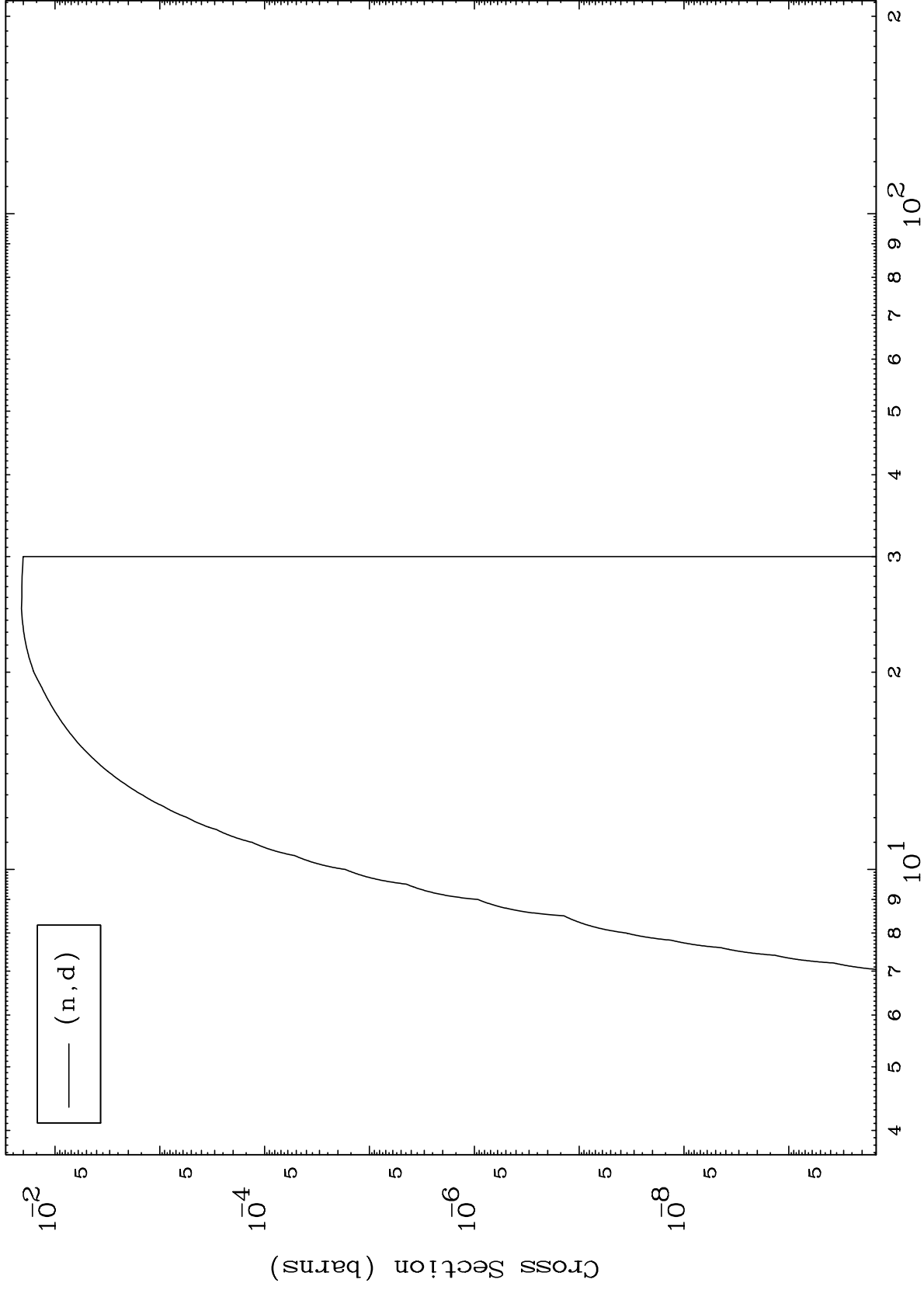
Incident Energy (MeV)

10

MAT 5725

(n,d) Levels  
293 Kelvin Cross Sections

57-La-138



11

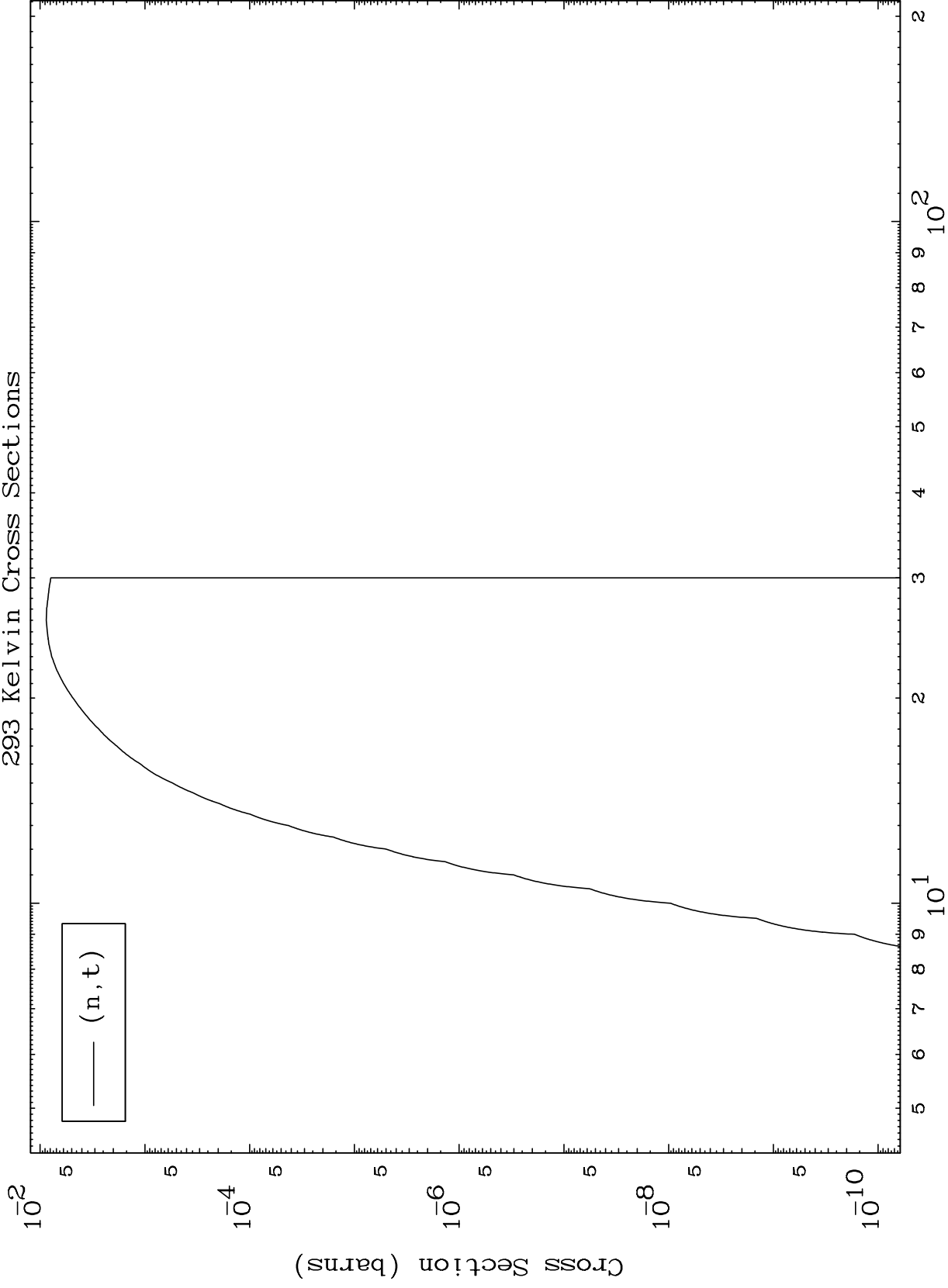
Incident Energy (MeV)

57-La-138

MAT 5725

(n,t) Levels  
293 Kelvin Cross Sections

57-La-138



12

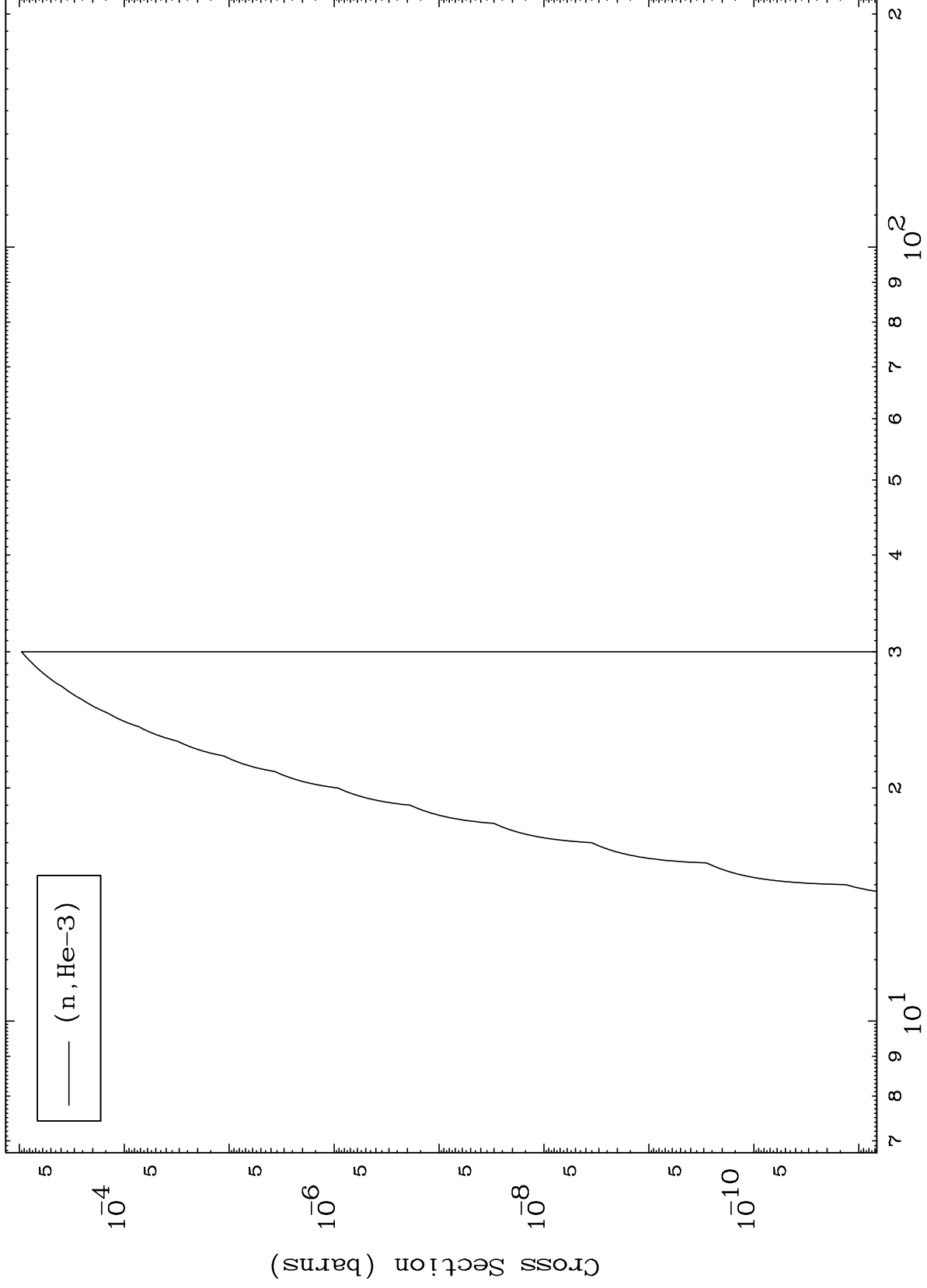
Incident Energy (MeV)

57-La-138

MAT 5725

(n,He3) Levels  
293 Kelvin Cross Sections

57-La-138



13

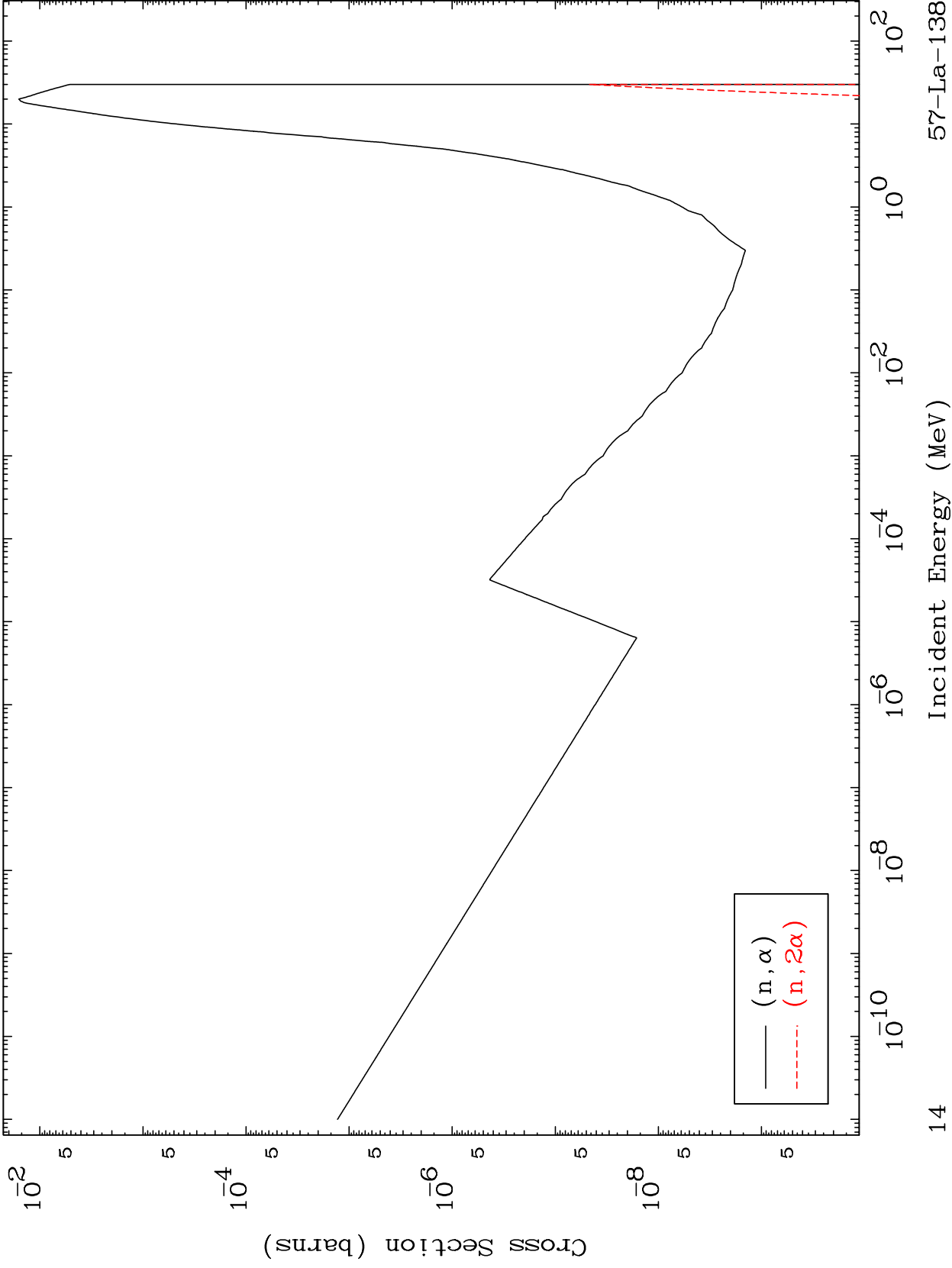
Incident Energy (MeV)

57-La-138

MAT 5725

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

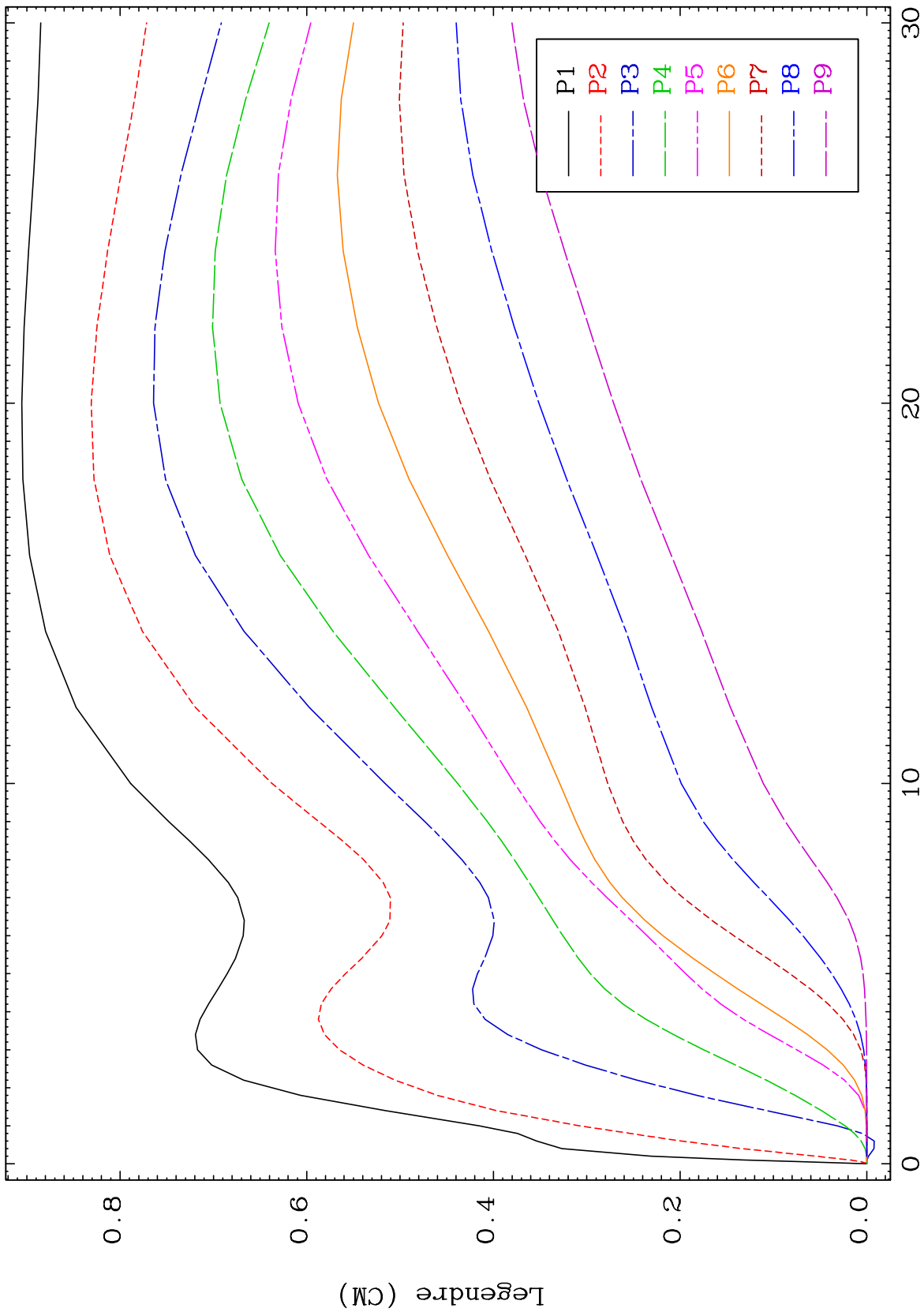
57-La-138



MAT 5725

57-La-138

Elastic Legendre Coefficients



57-La-138

Incident Energy (MeV)

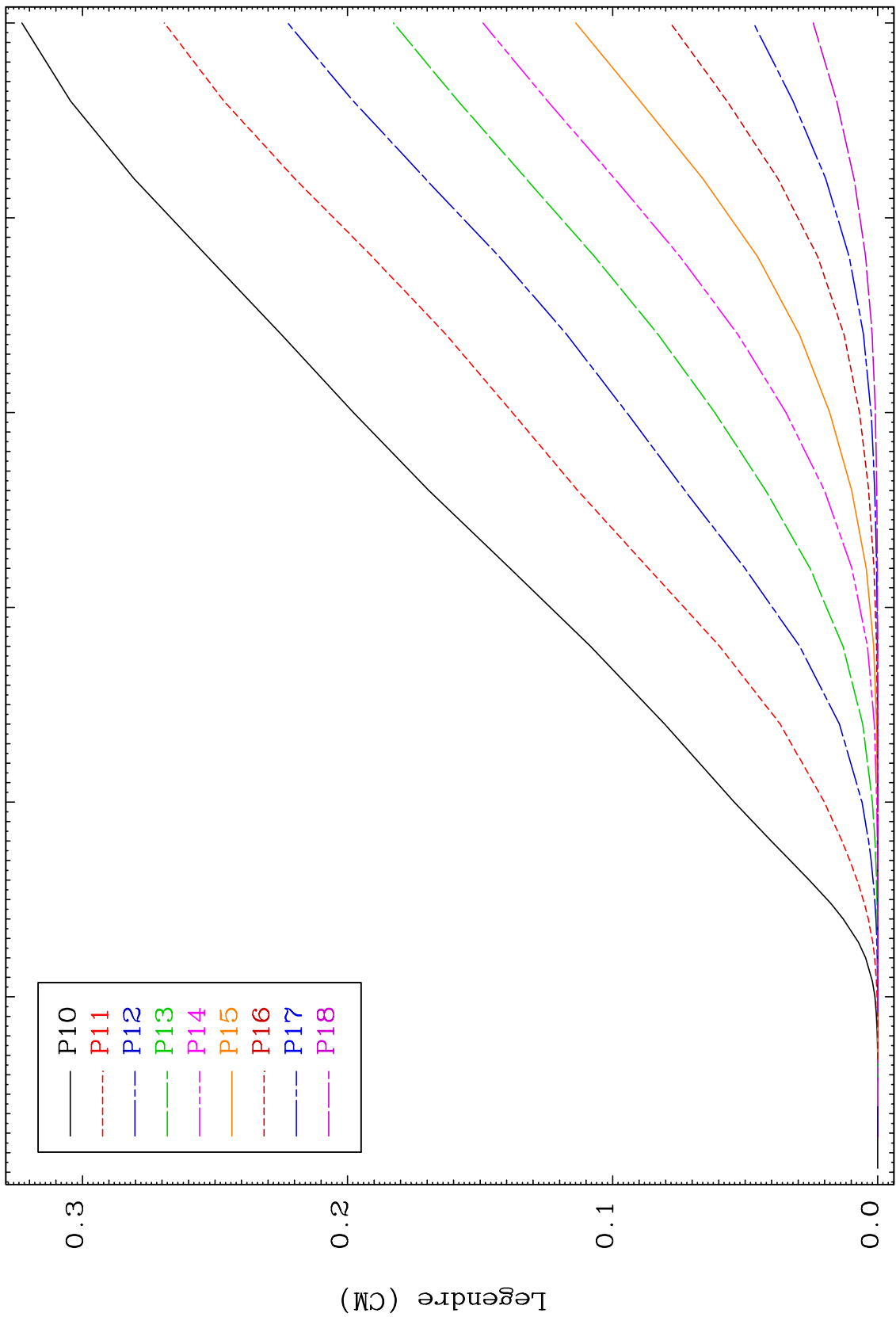
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MAT 5725

Elastic Legendre Coefficients

57-La-138



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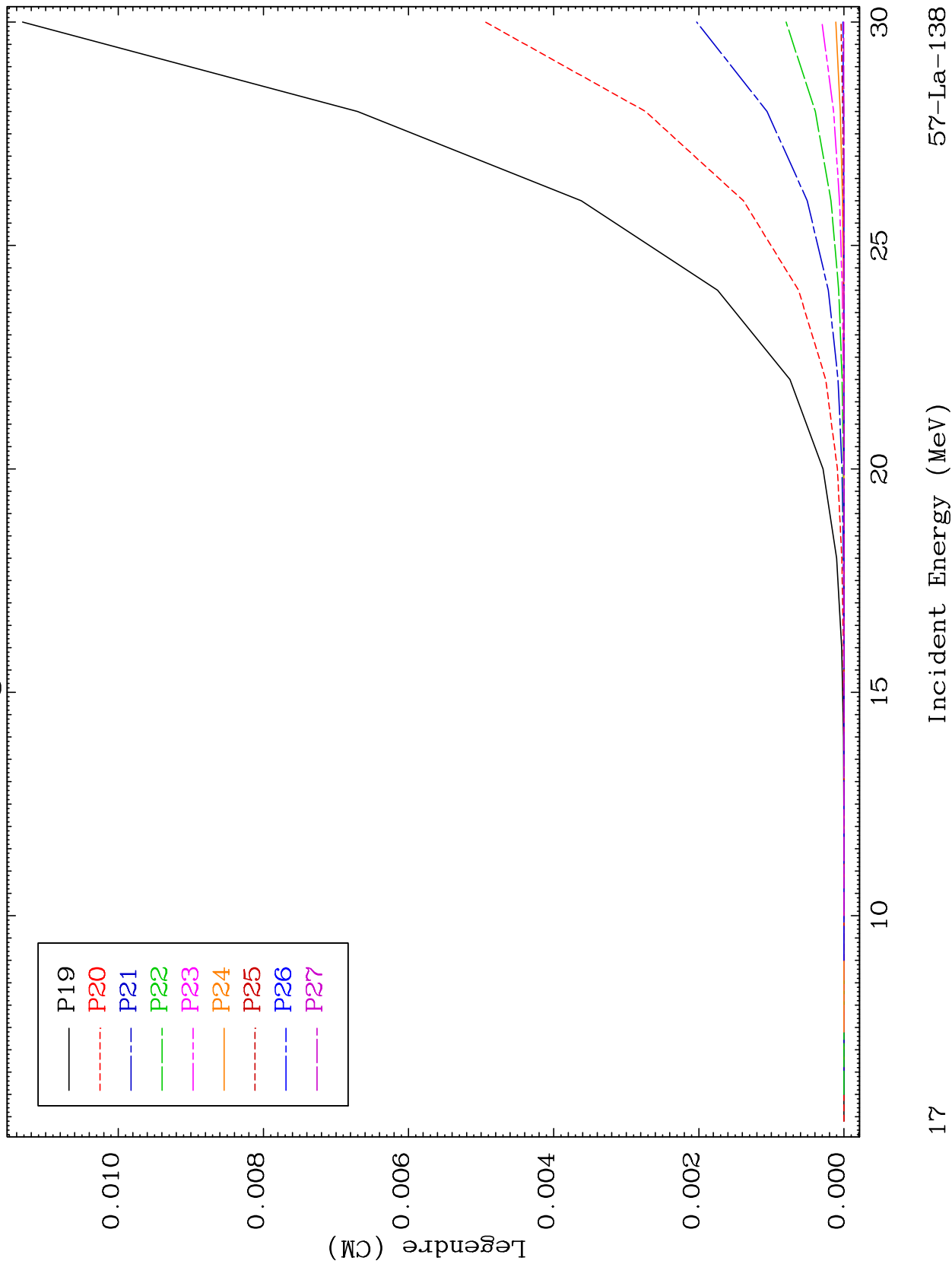
Incident Energy (MeV)

57-La-138

MAT 5725

Elastic Legendre Coefficients

57-La-138



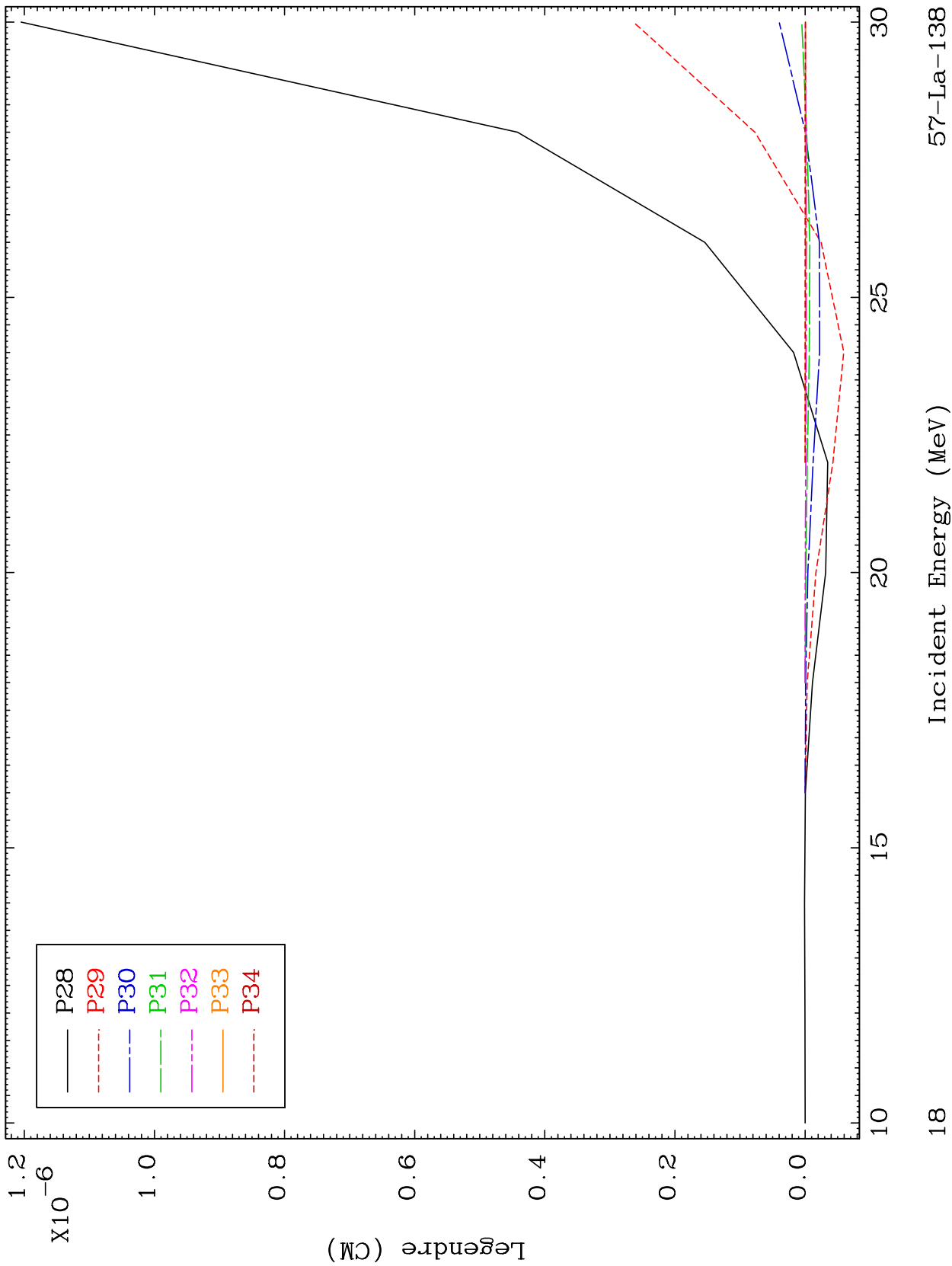
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57-La-138

MAT 5725

Elastic  
Legendre Coefficients

57-La-138



57-La-138

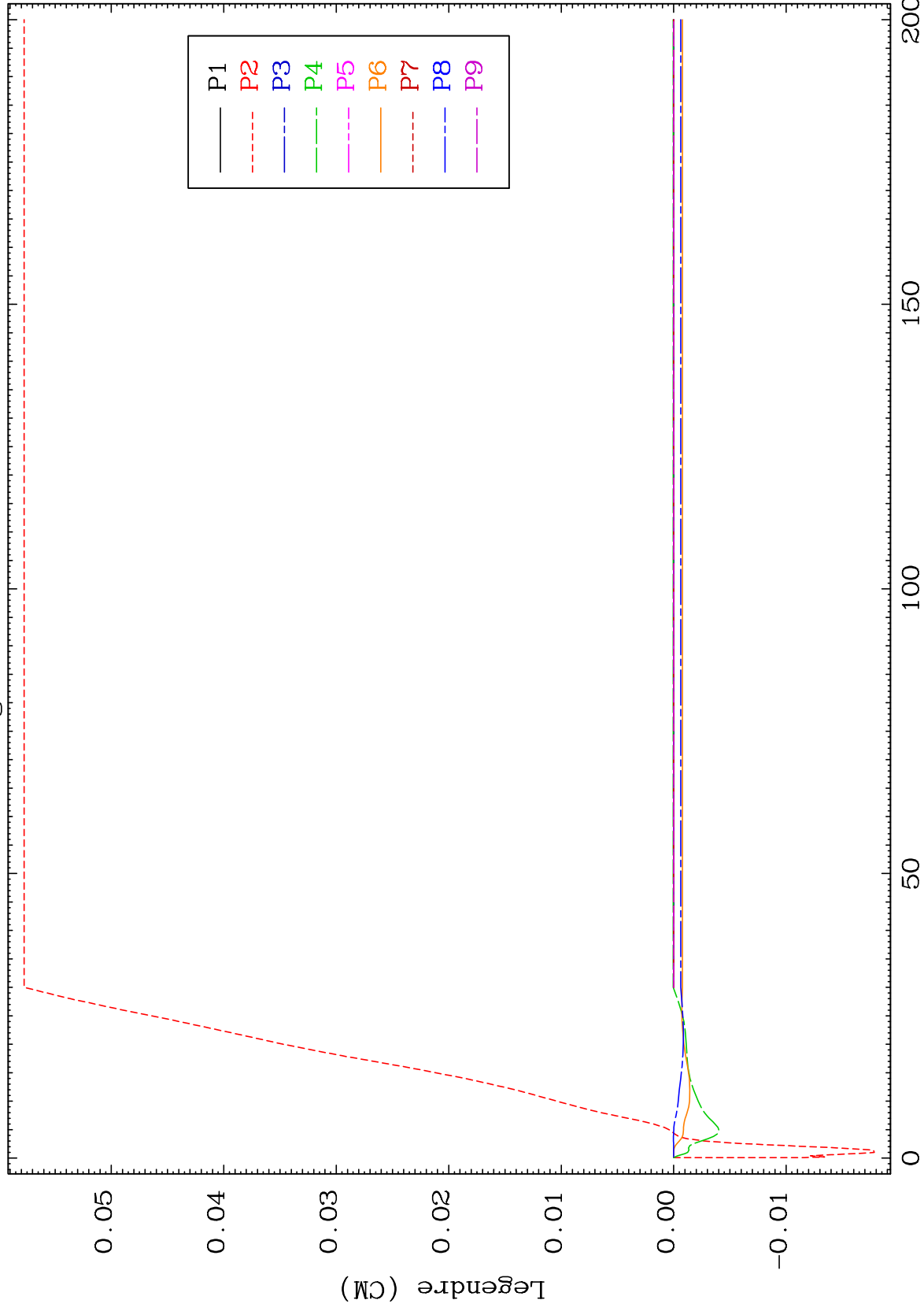
Incident Energy (MeV)

18

MAT 5725

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

57-La-138



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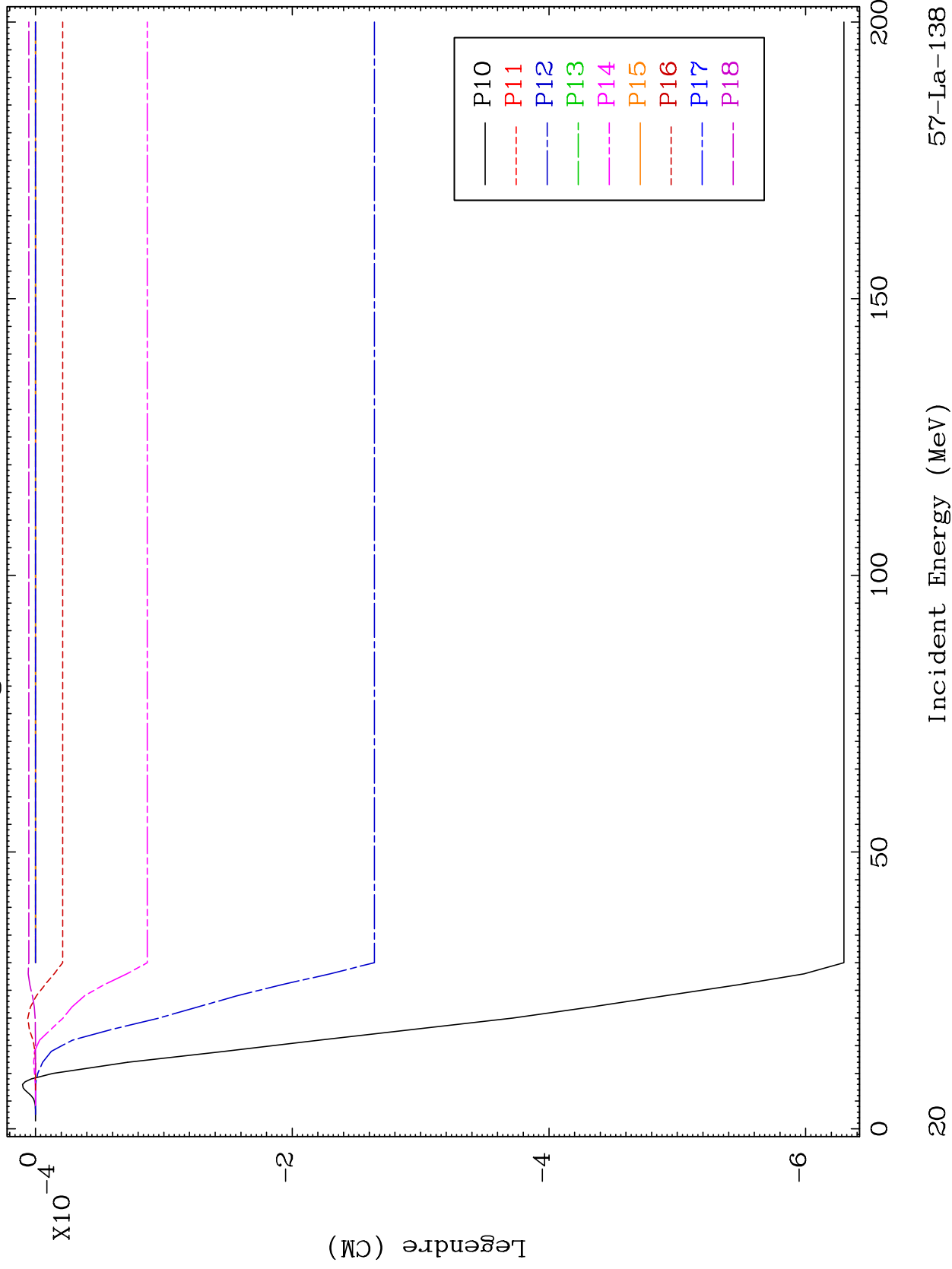
Incident Energy (MeV)

57-La-138

MAT 5725

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

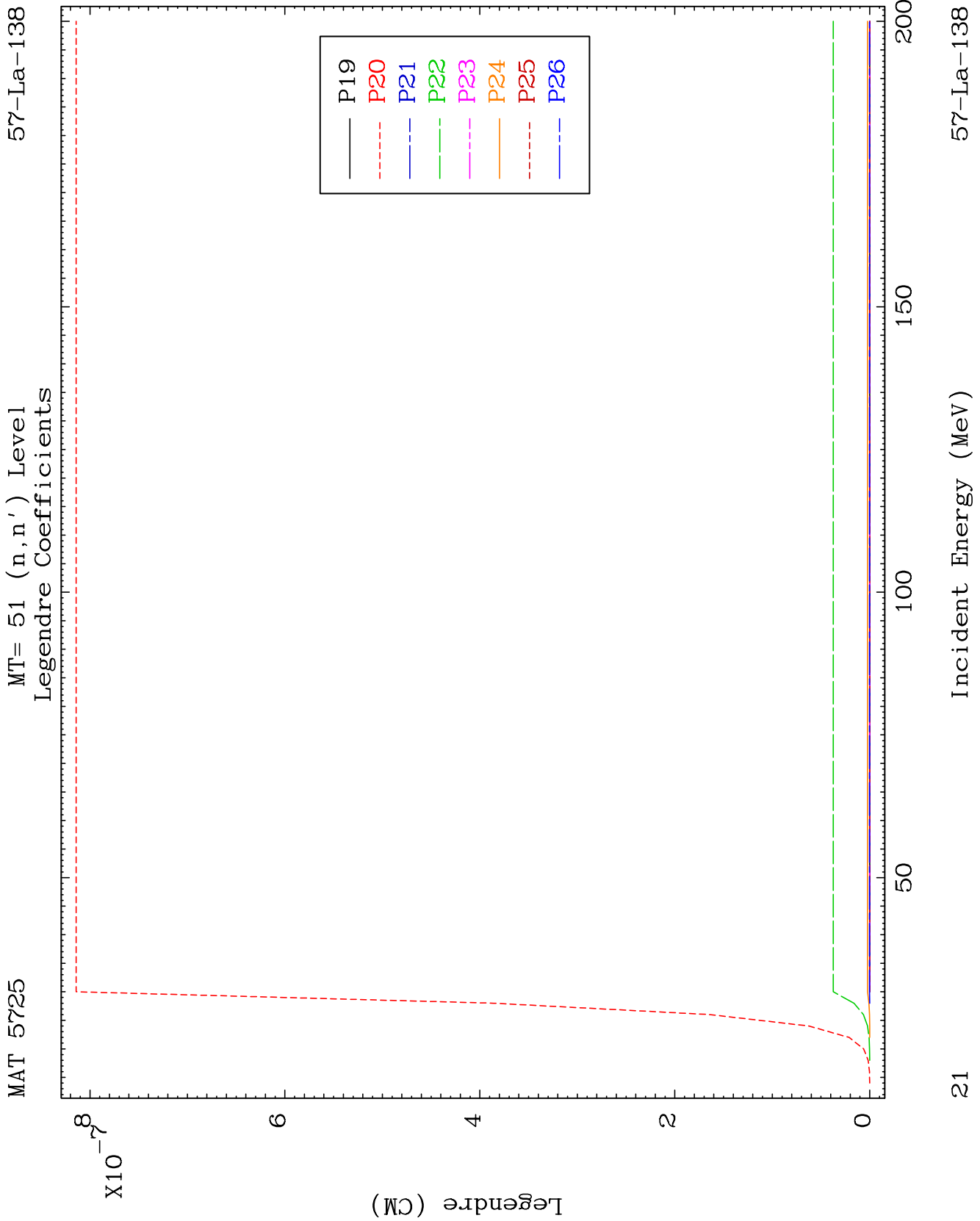
57-La-138



57-La-138

Incident Energy (MeV)

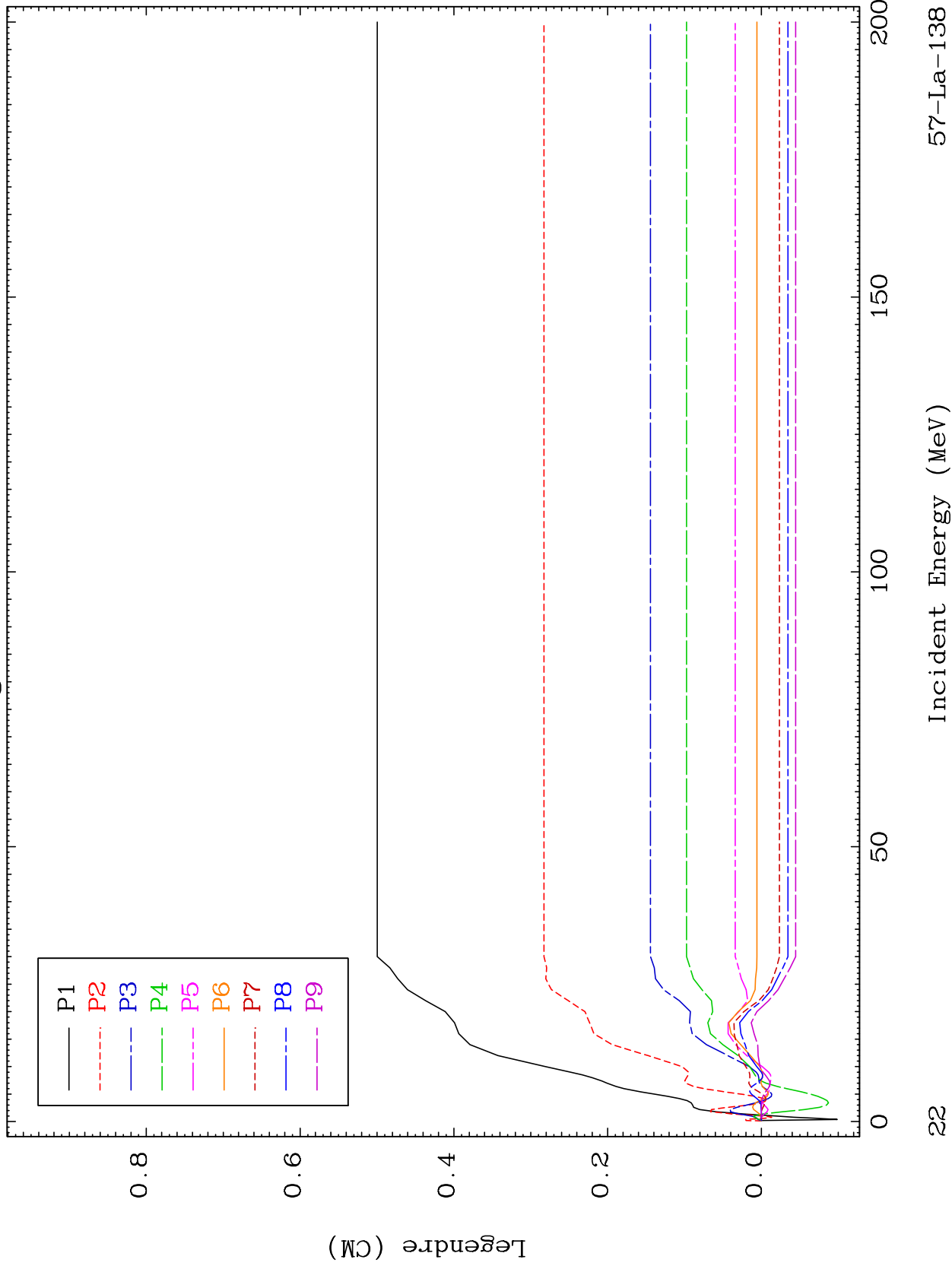
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MAT 5725

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

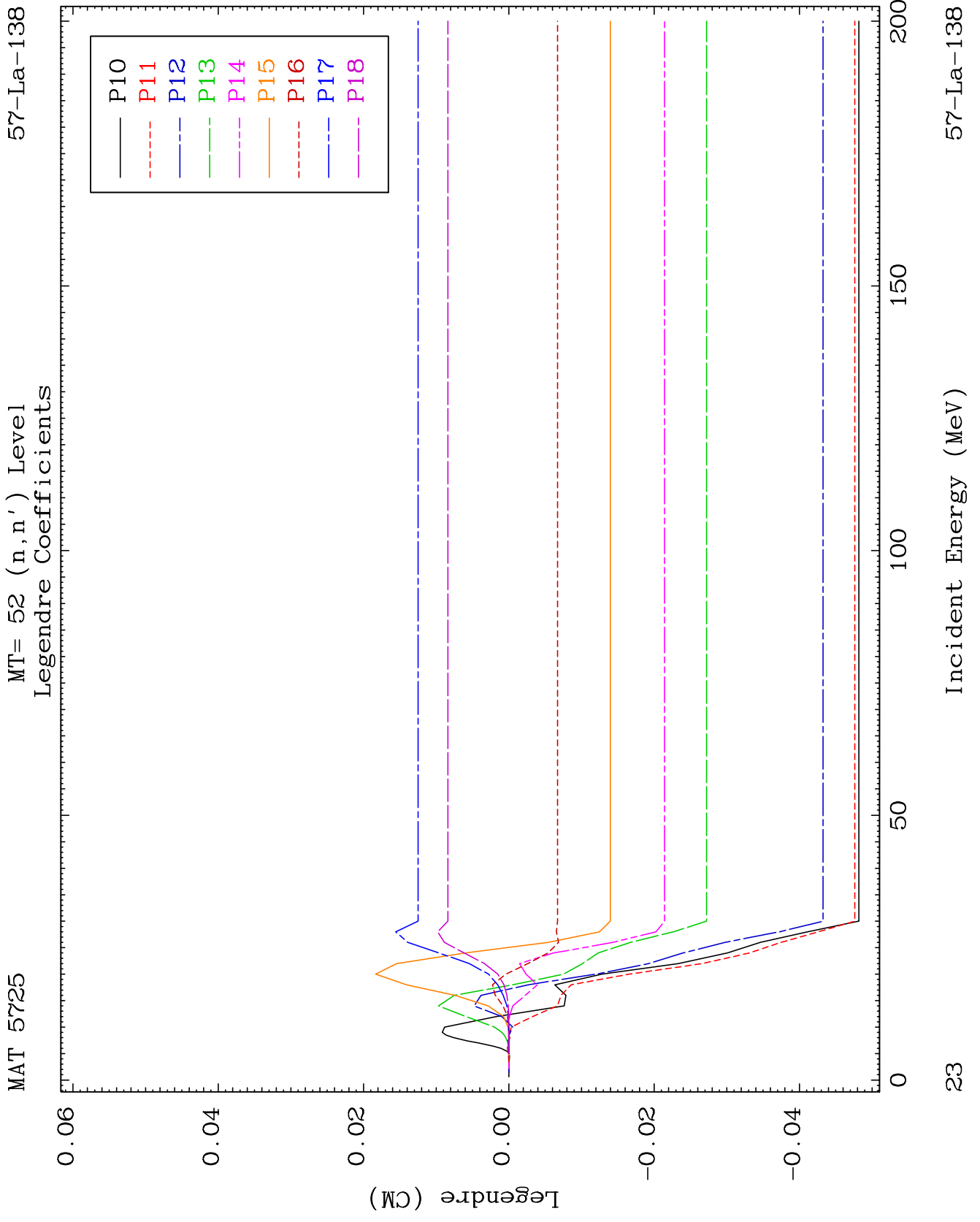
57-La-138



57-La-138

Incident Energy (MeV)

22

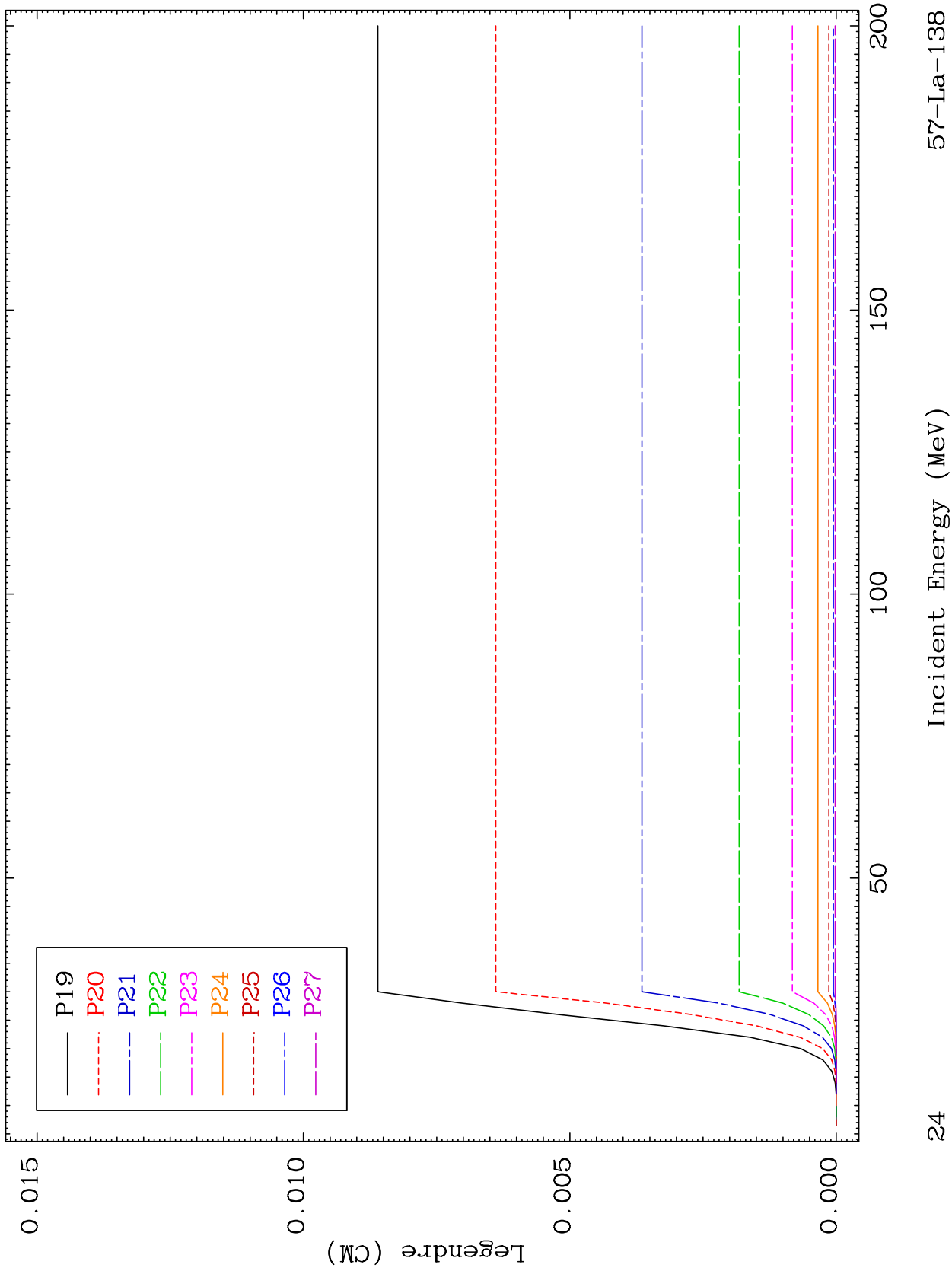




MAT 5725

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

57-La-138



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Incident Energy (MeV)

57-La-138

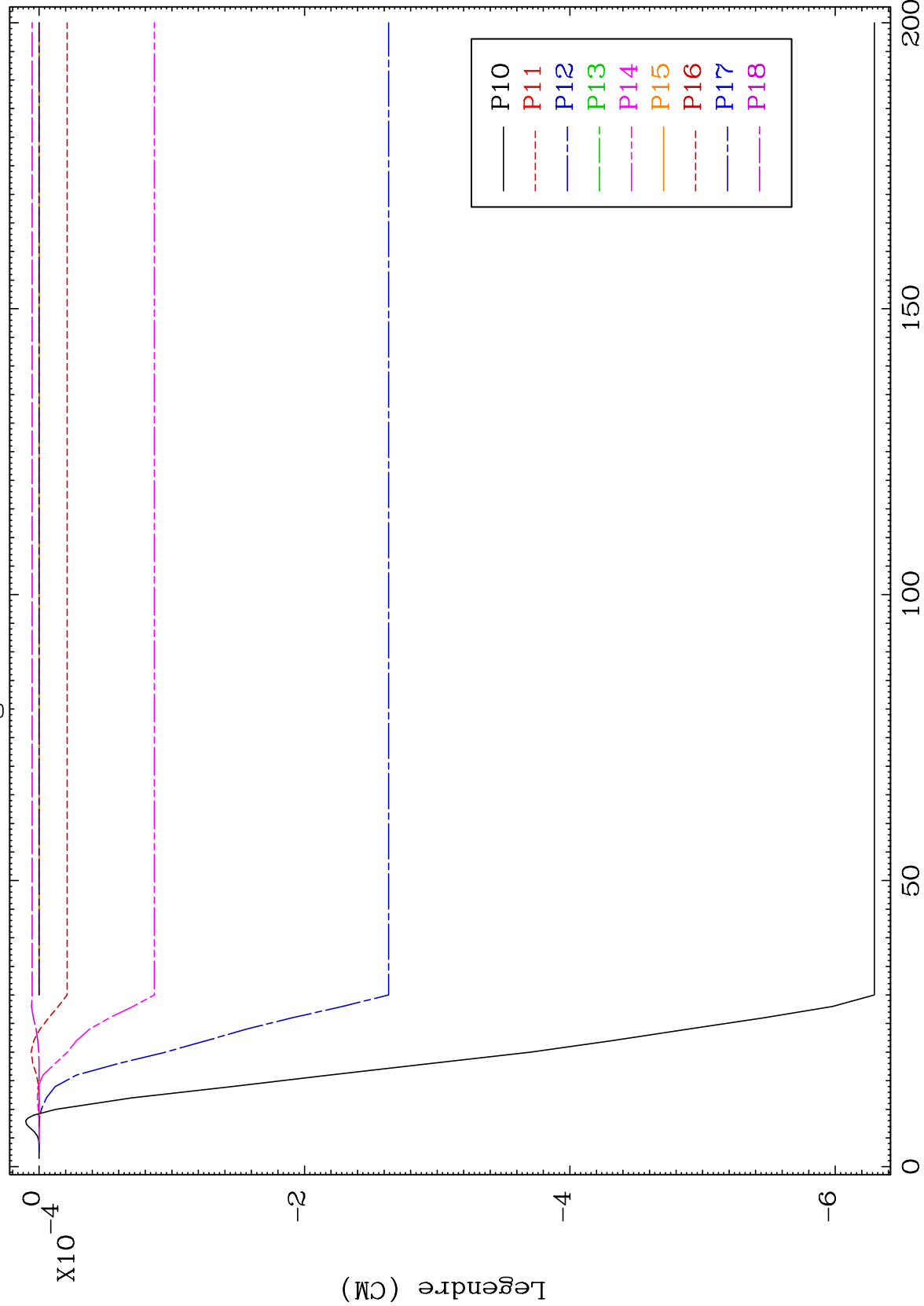




MAT 5725

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

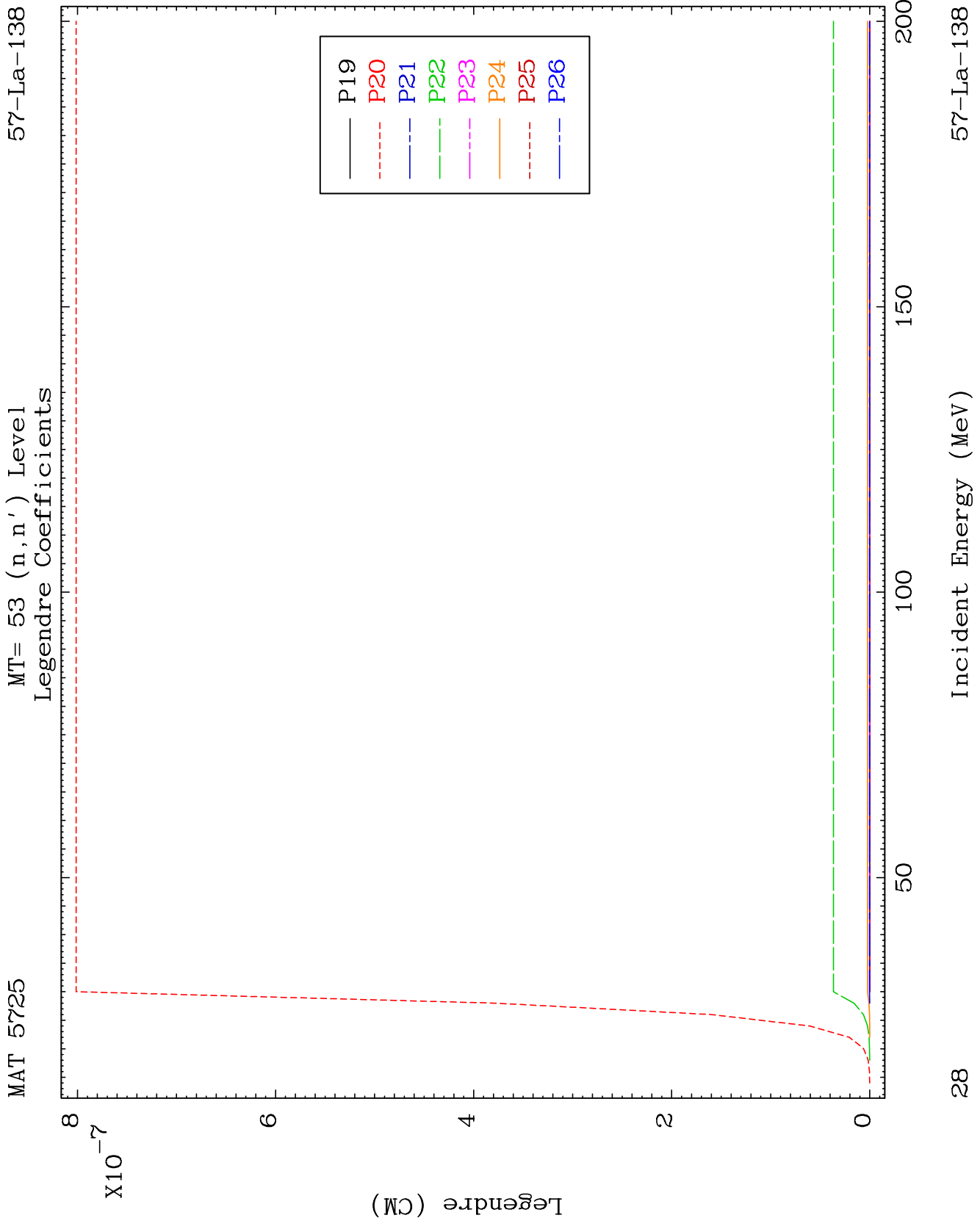
57-La-138



27

Incident Energy (MeV)

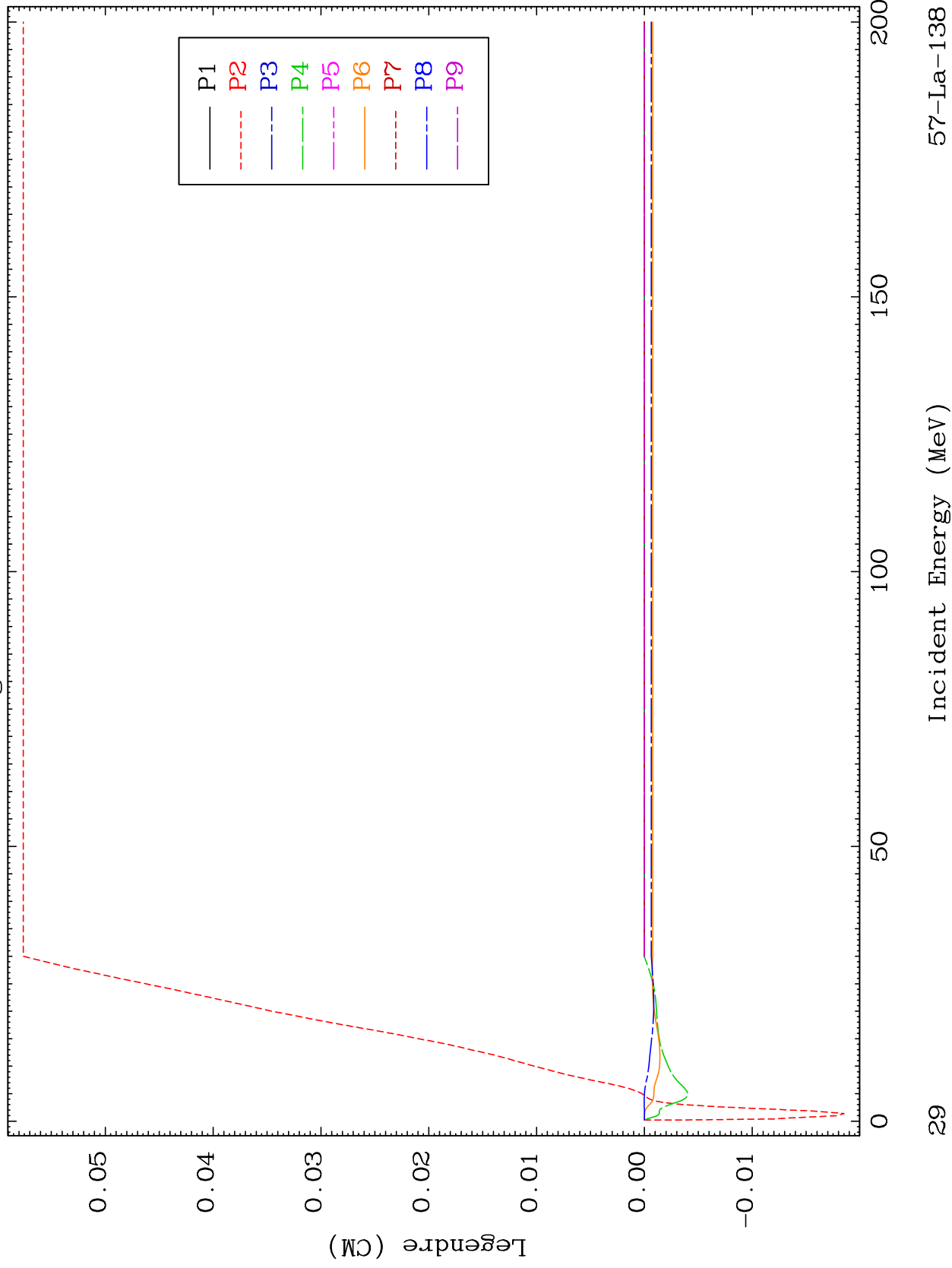
57-La-138



MAT 5725

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

57-La-138



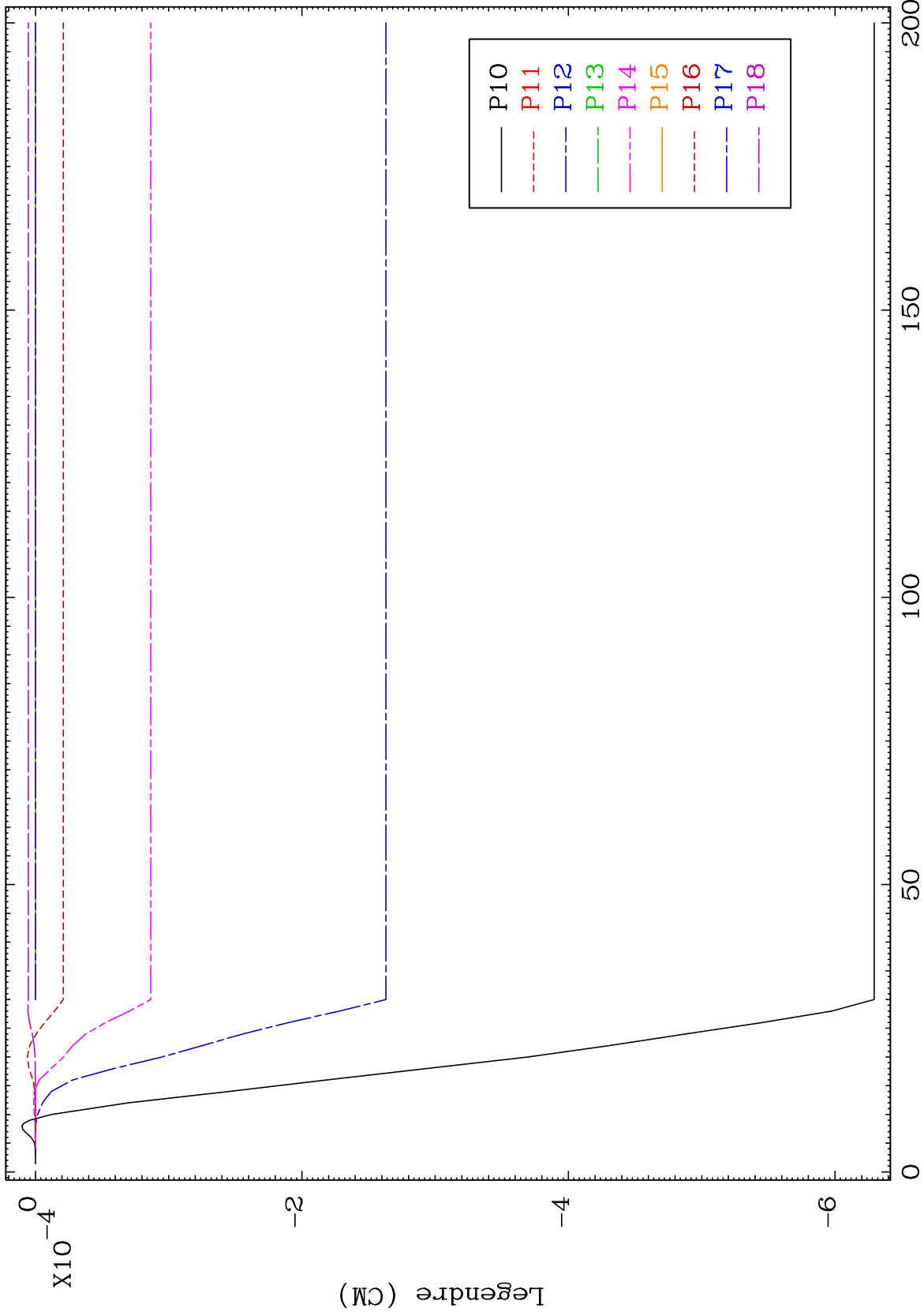
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57-La-138

MAT 5725

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

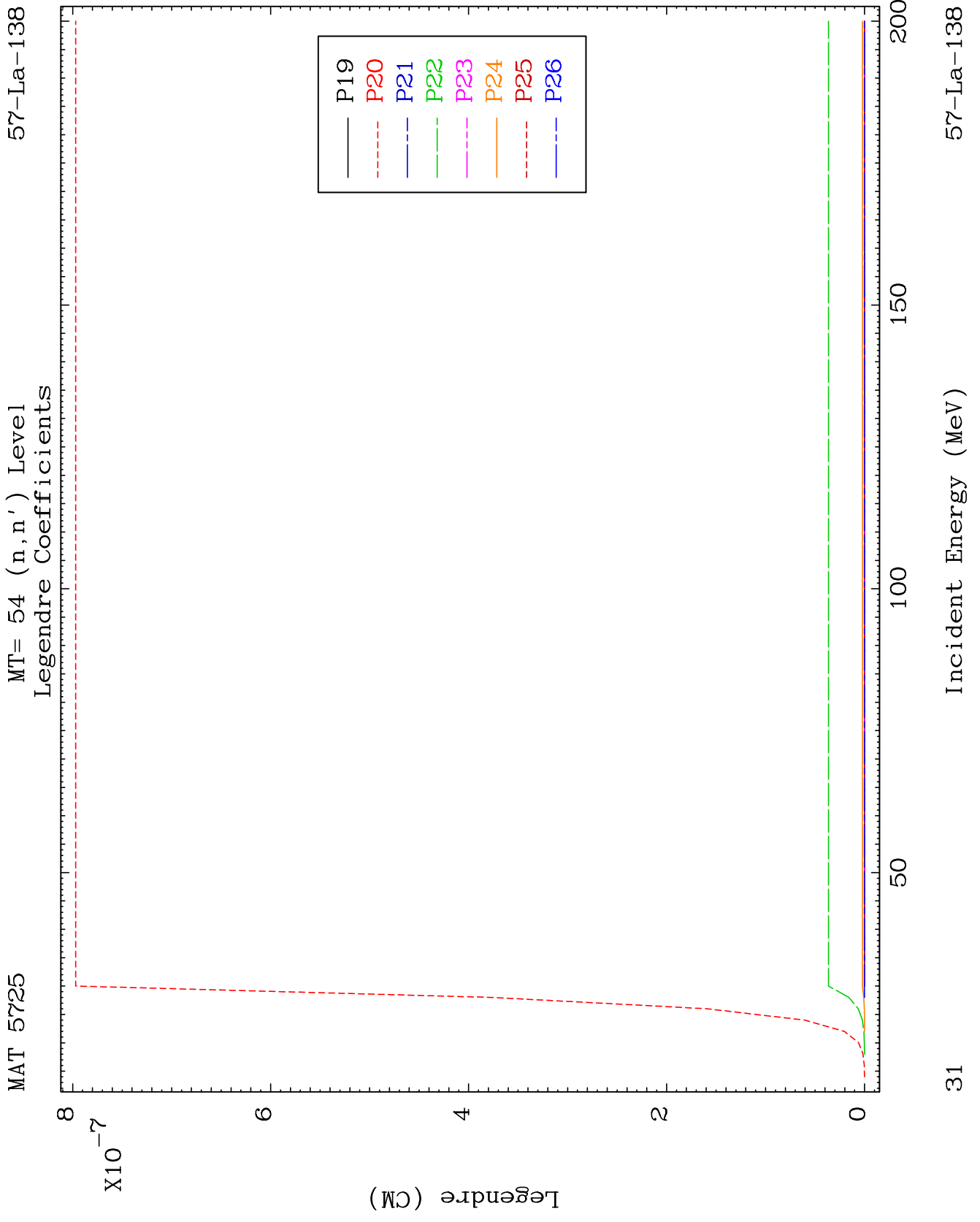
57-La-138



57-La-138

Incident Energy (MeV)

30

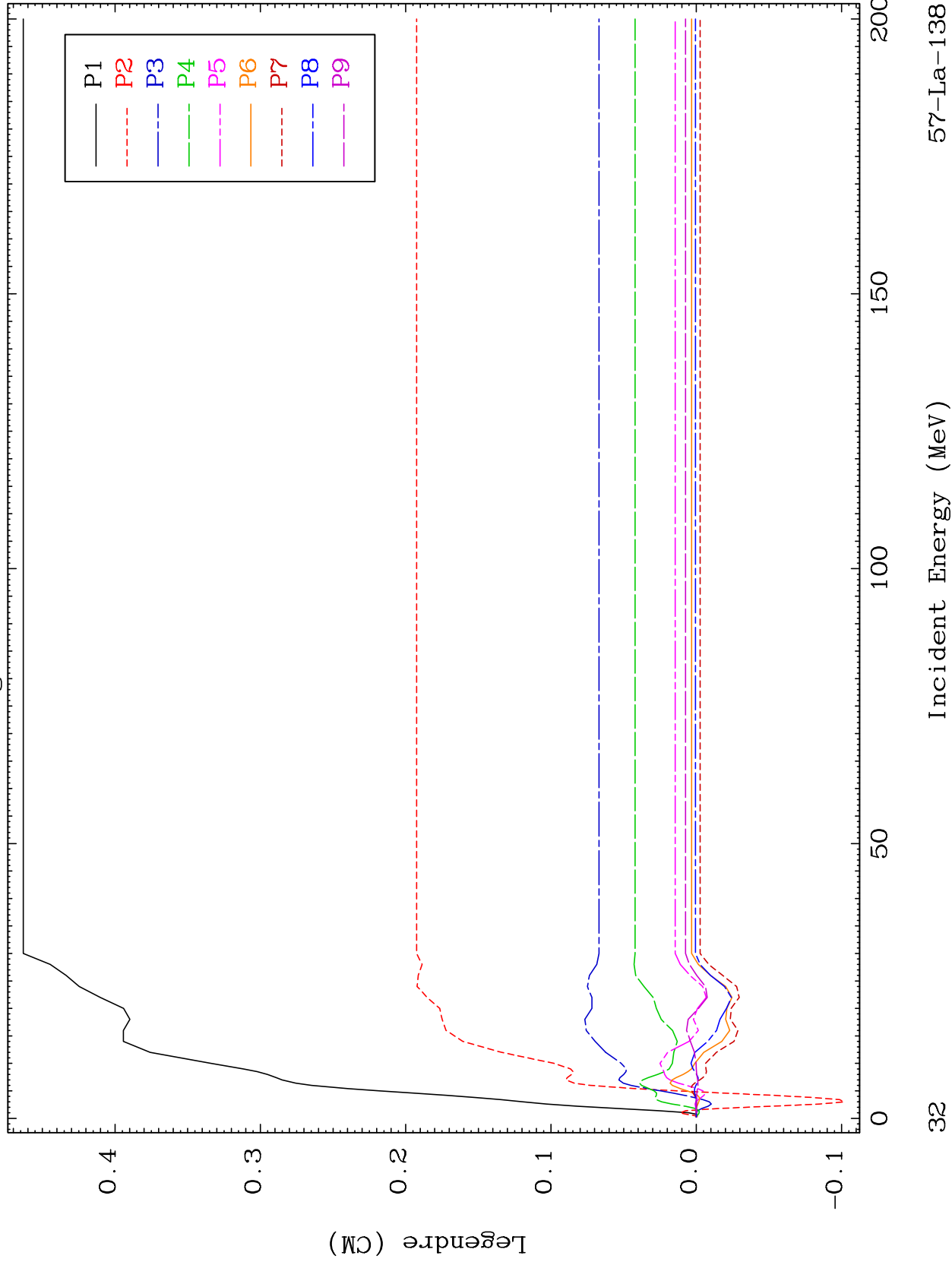




MAT 5725

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

57-La-138



57-La-138

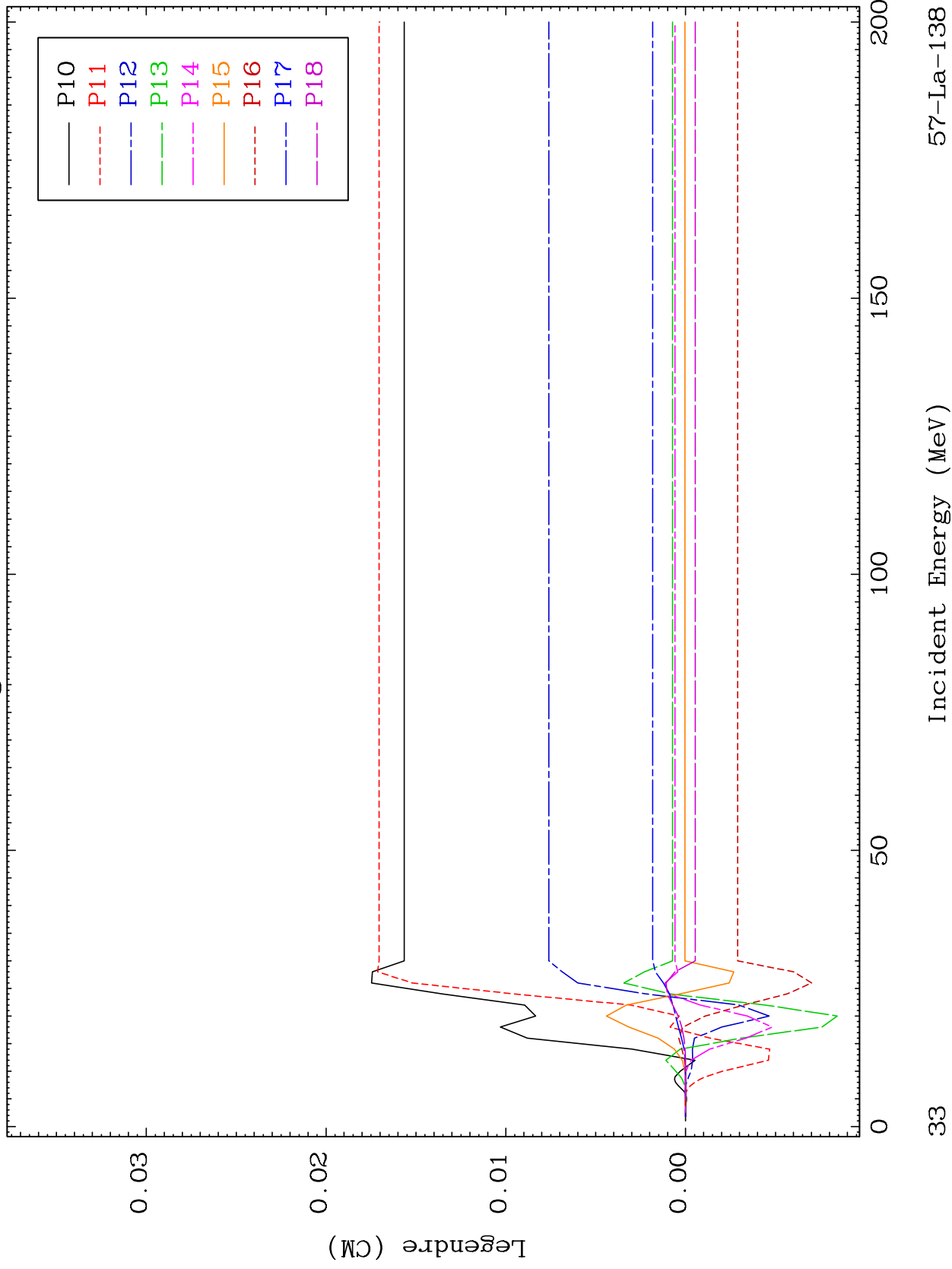
Incident Energy (MeV)

32

MAT 5725

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

57-La-138



33

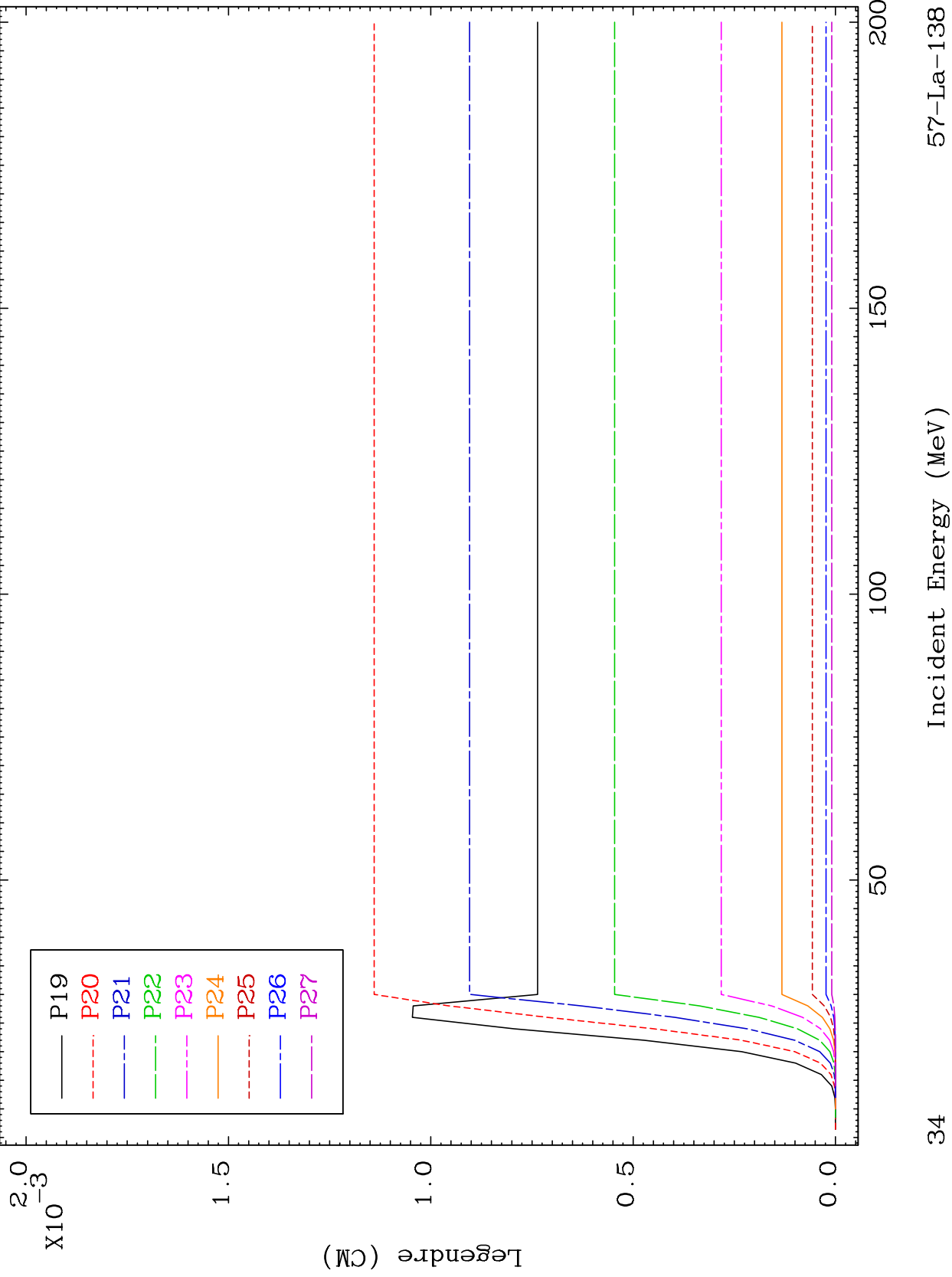
Incident Energy (MeV)

57-La-138

MAT 5725

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

57-La-138



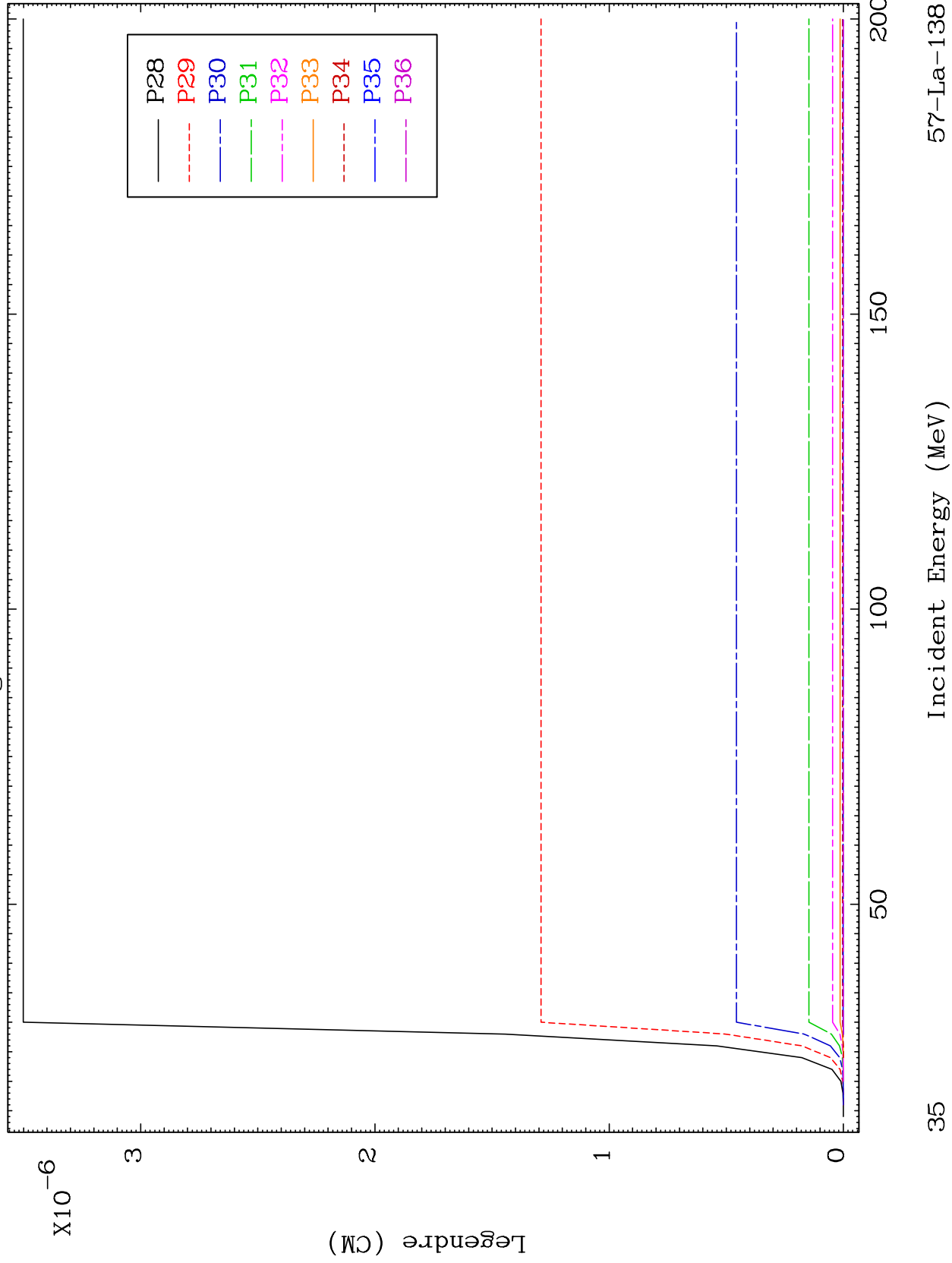
34

57-La-138

MAT 5725

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

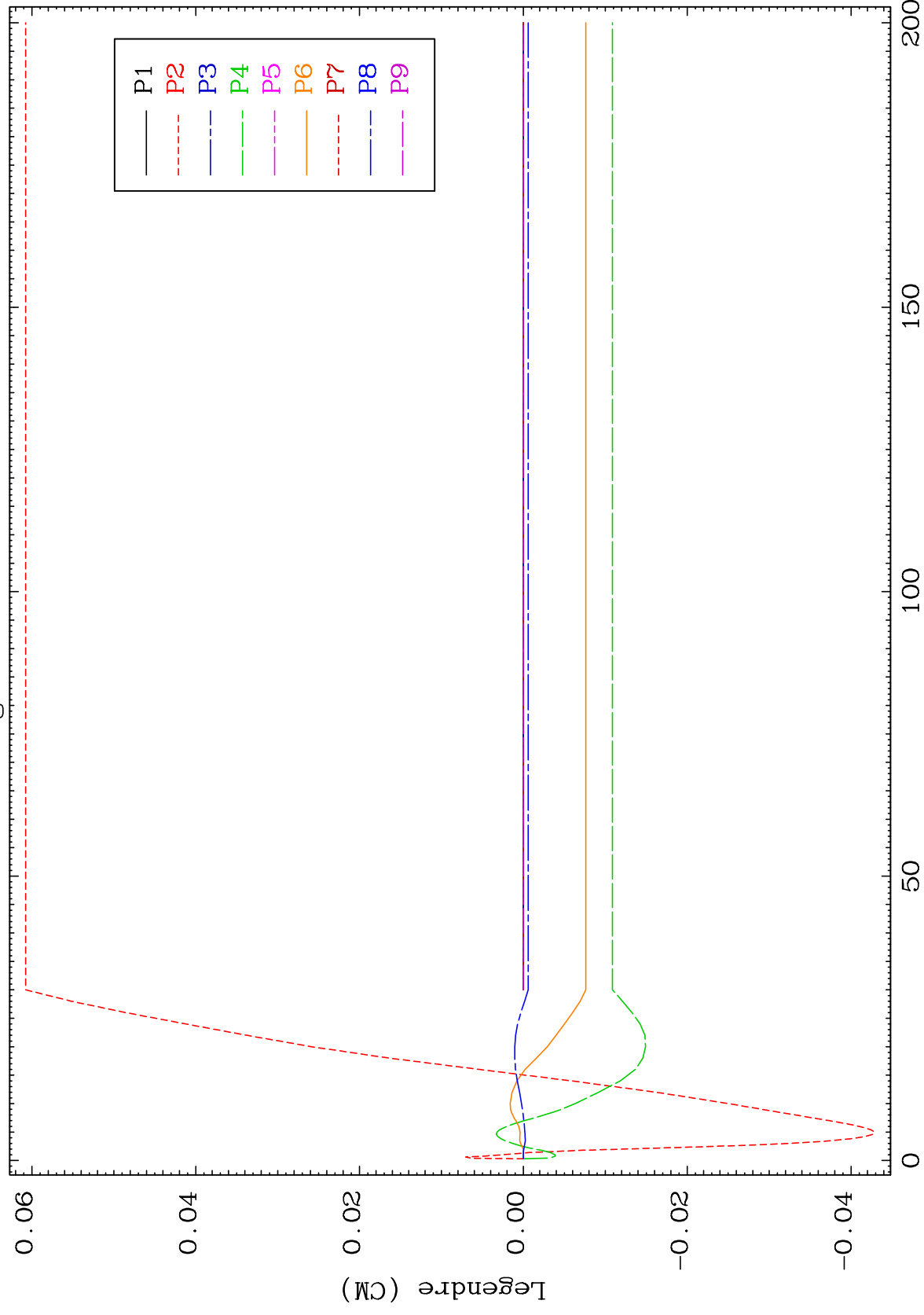
57-La-138



MAT 5725

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

57-La-138



36

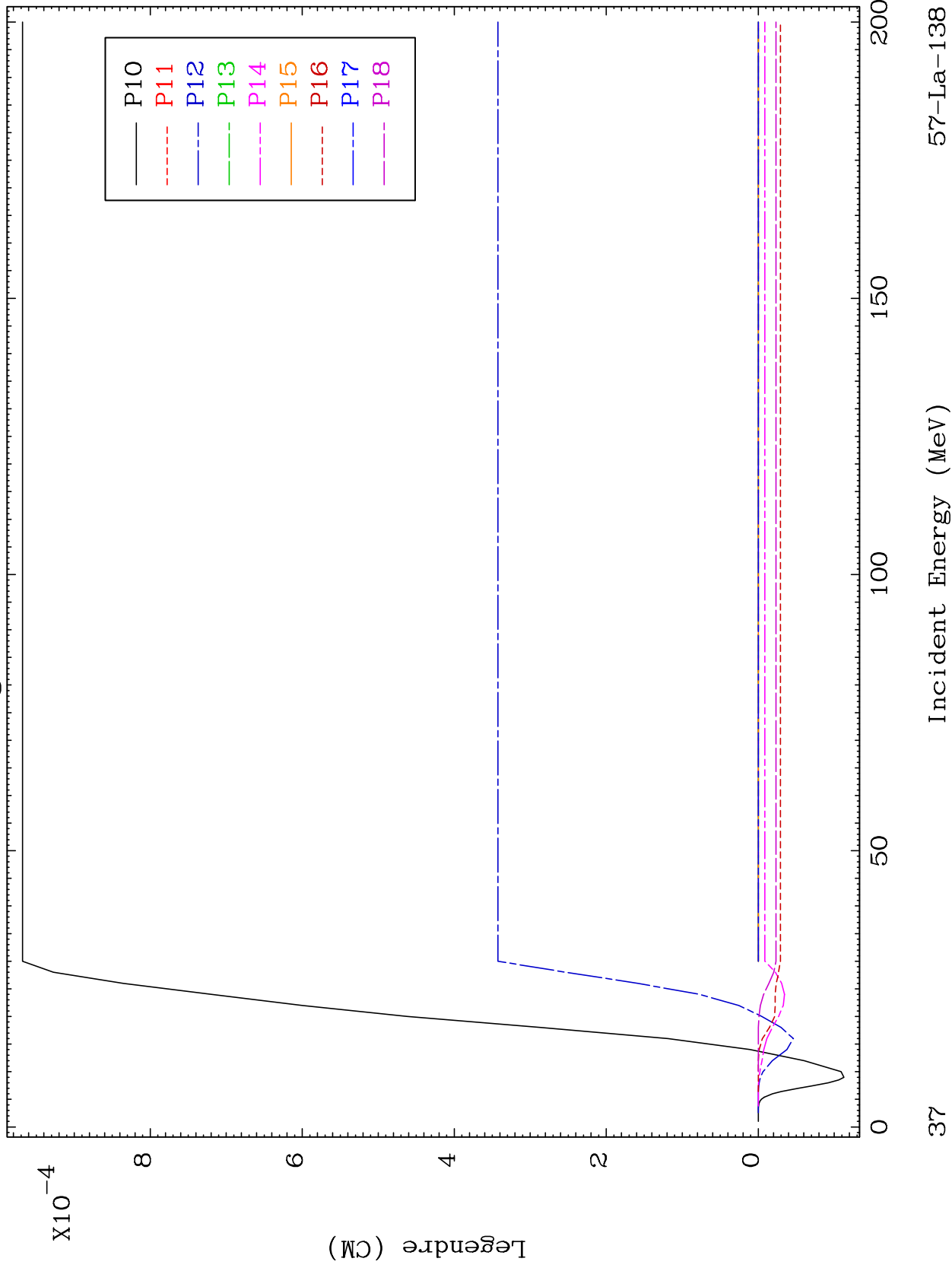
Incident Energy (MeV)

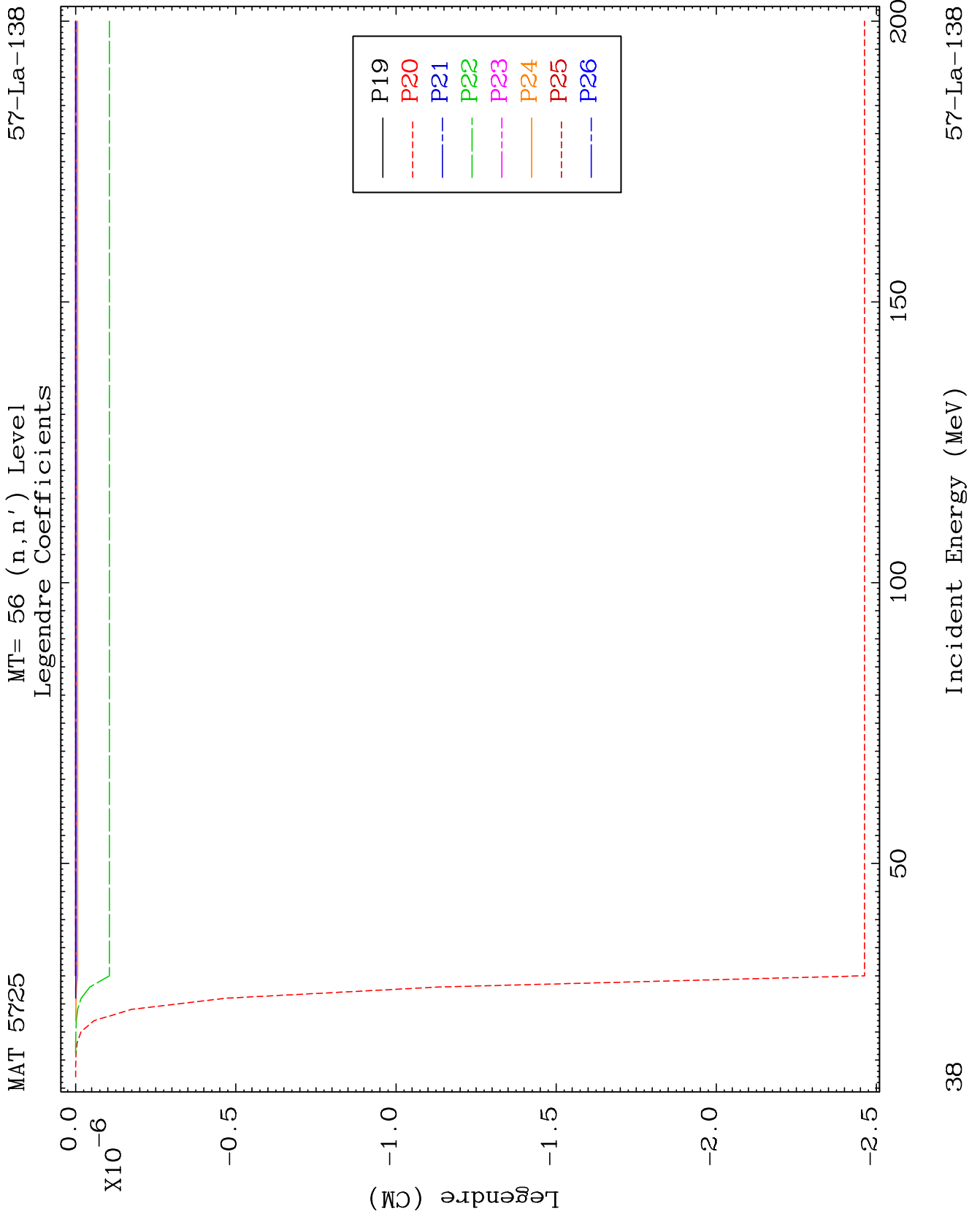
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MAT 5725

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

57-La-138

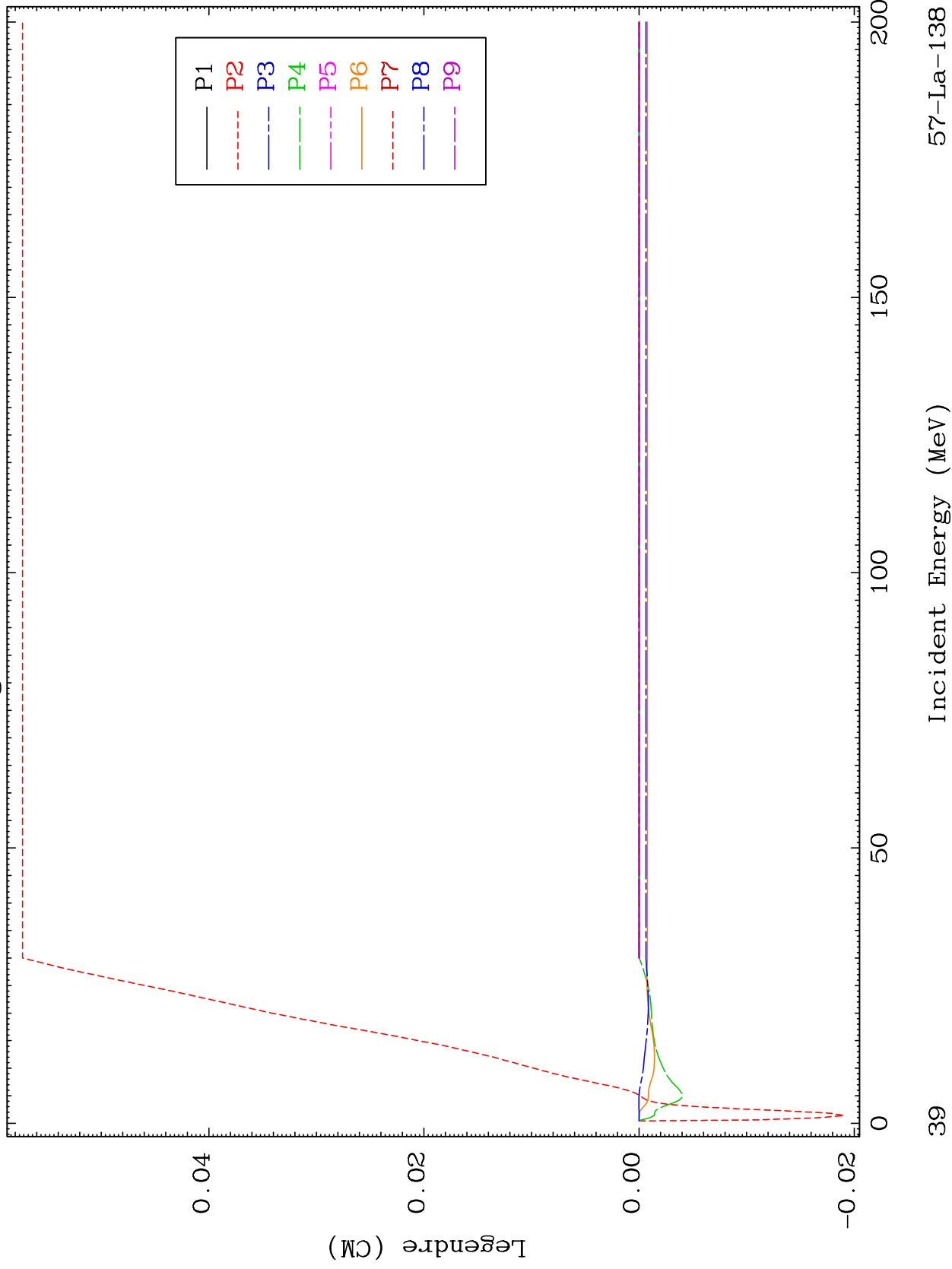




MAT 5725

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

57-La-138



57-La-138

Incident Energy (MeV)

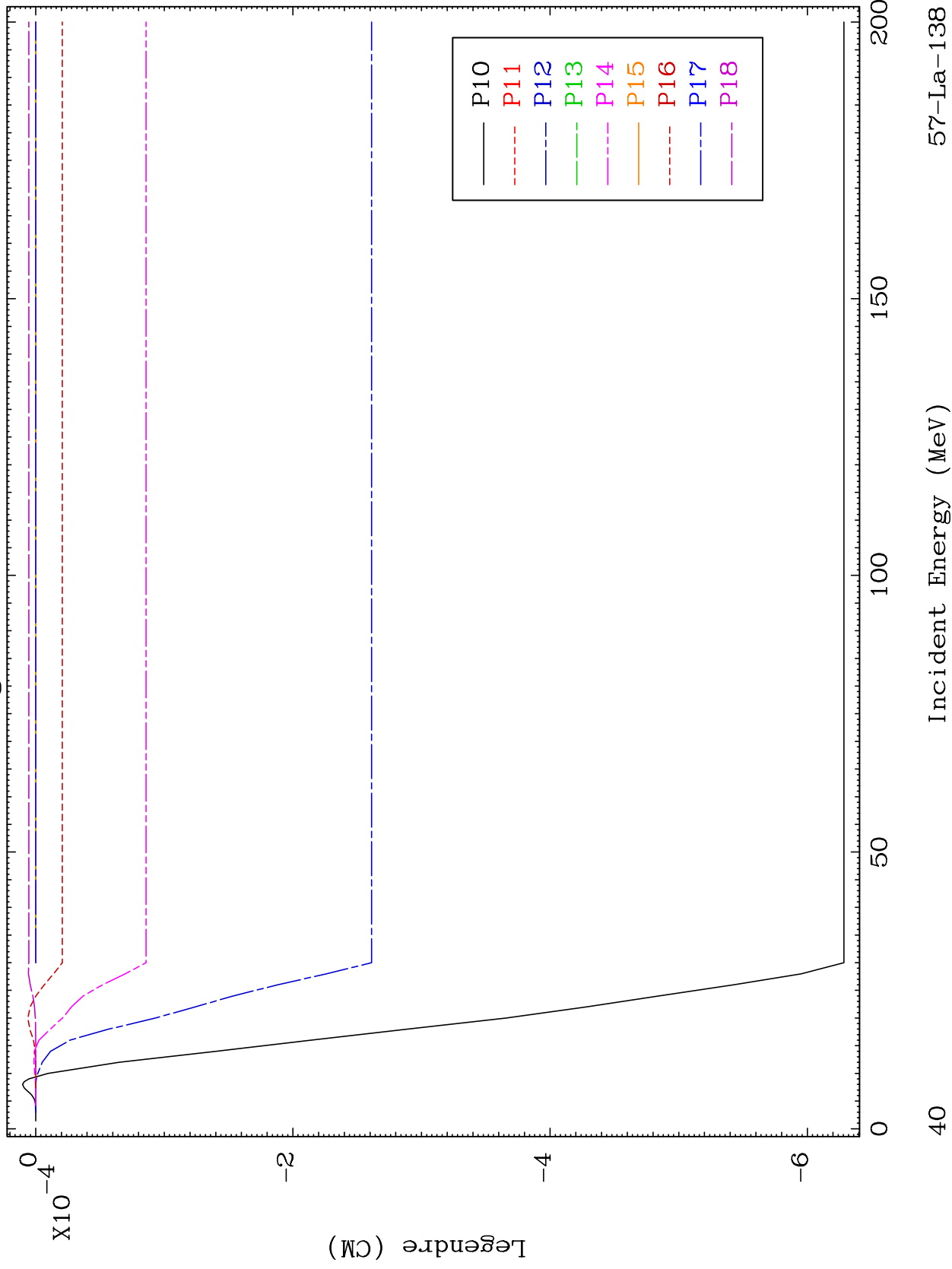
39



MAT 5725

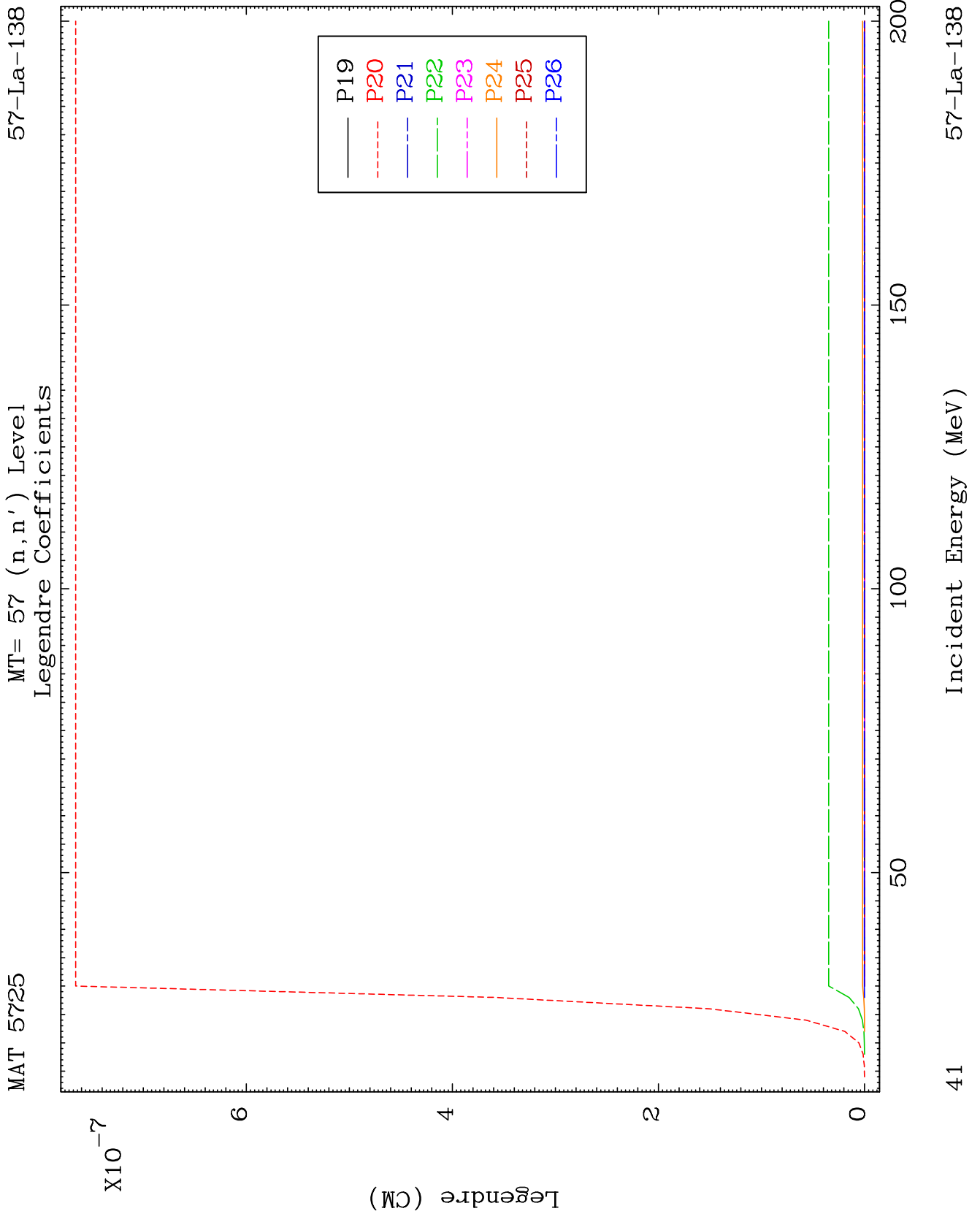
MT= 57 (n,n') Level  
Legendre Coefficients

57-La-138



57-La-138

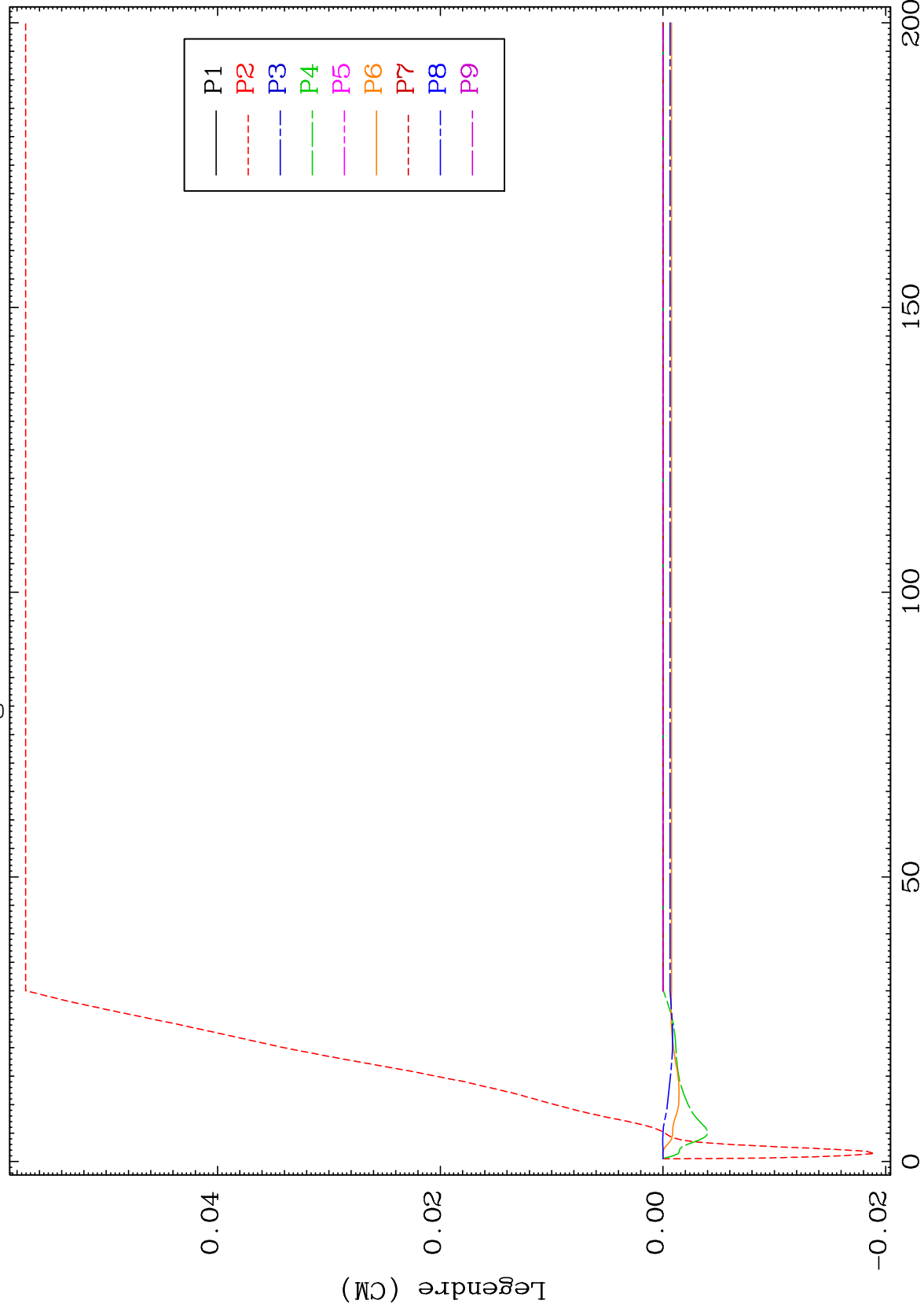
Incident Energy (MeV)



MAT 5725

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

57-La-138



57-La-138

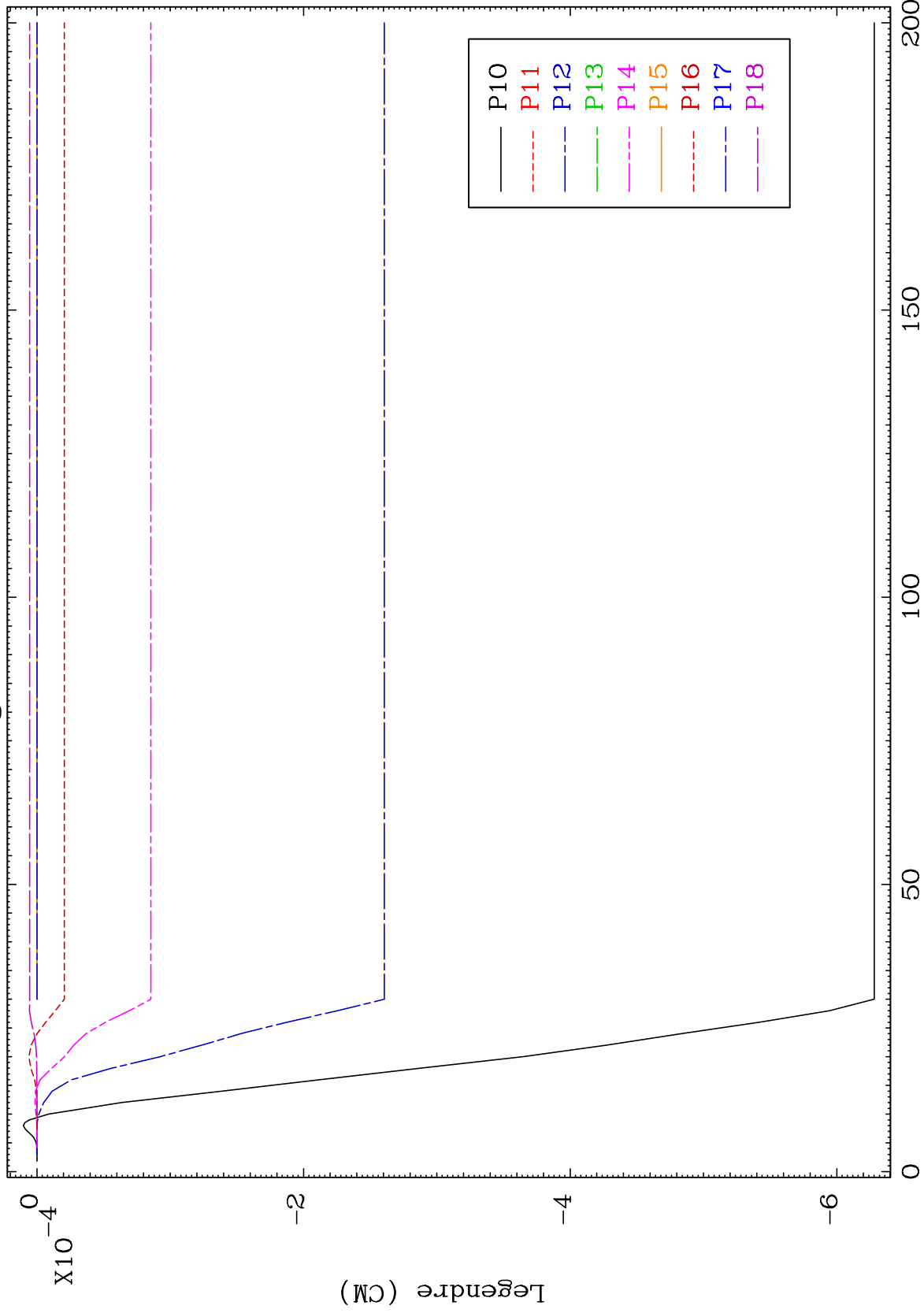
Incident Energy (MeV)

42

MAT 5725

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

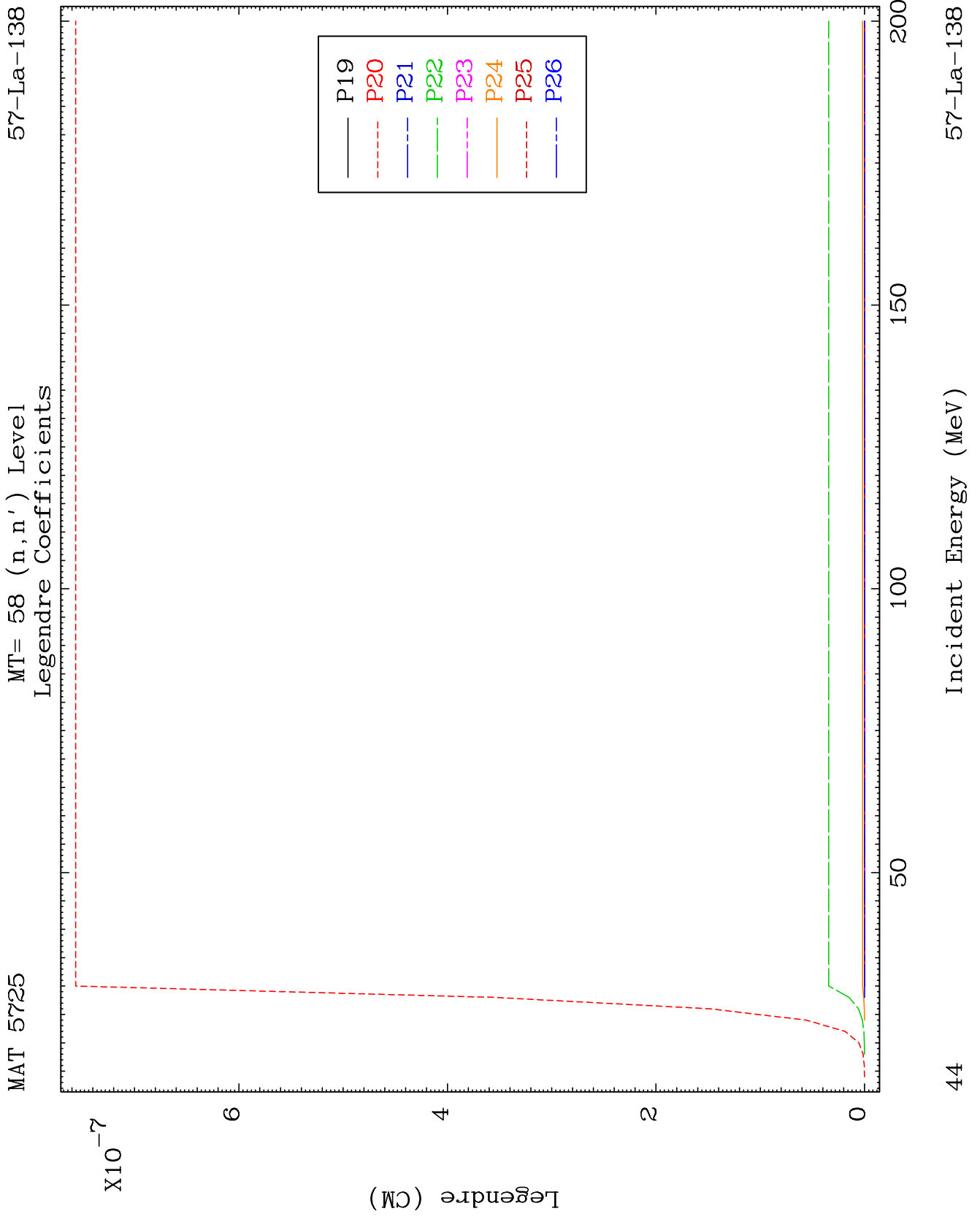
57-La-138



43

Incident Energy (MeV)

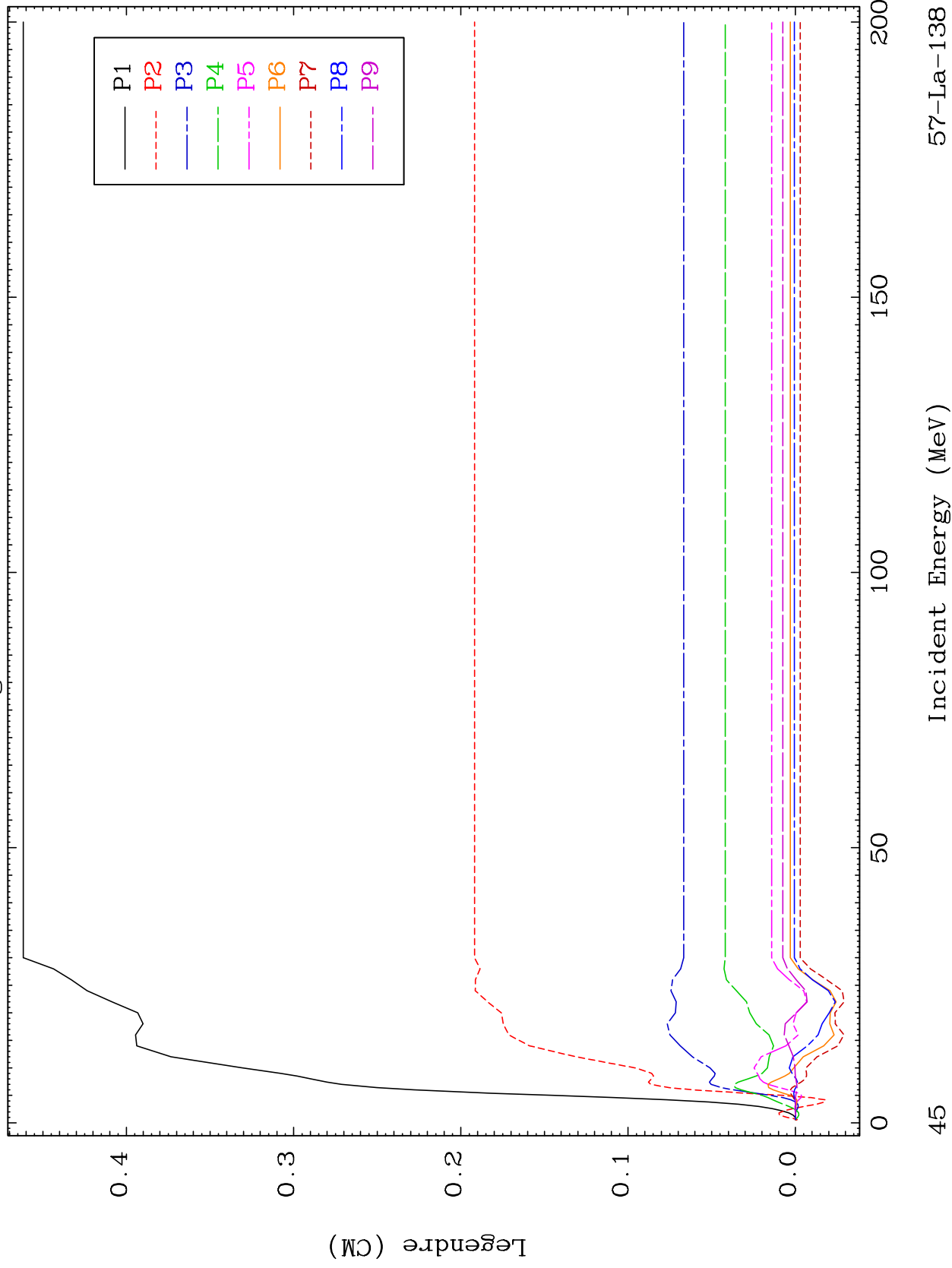
57-La-138



MAT 5725

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

57-La-138



57-La-138

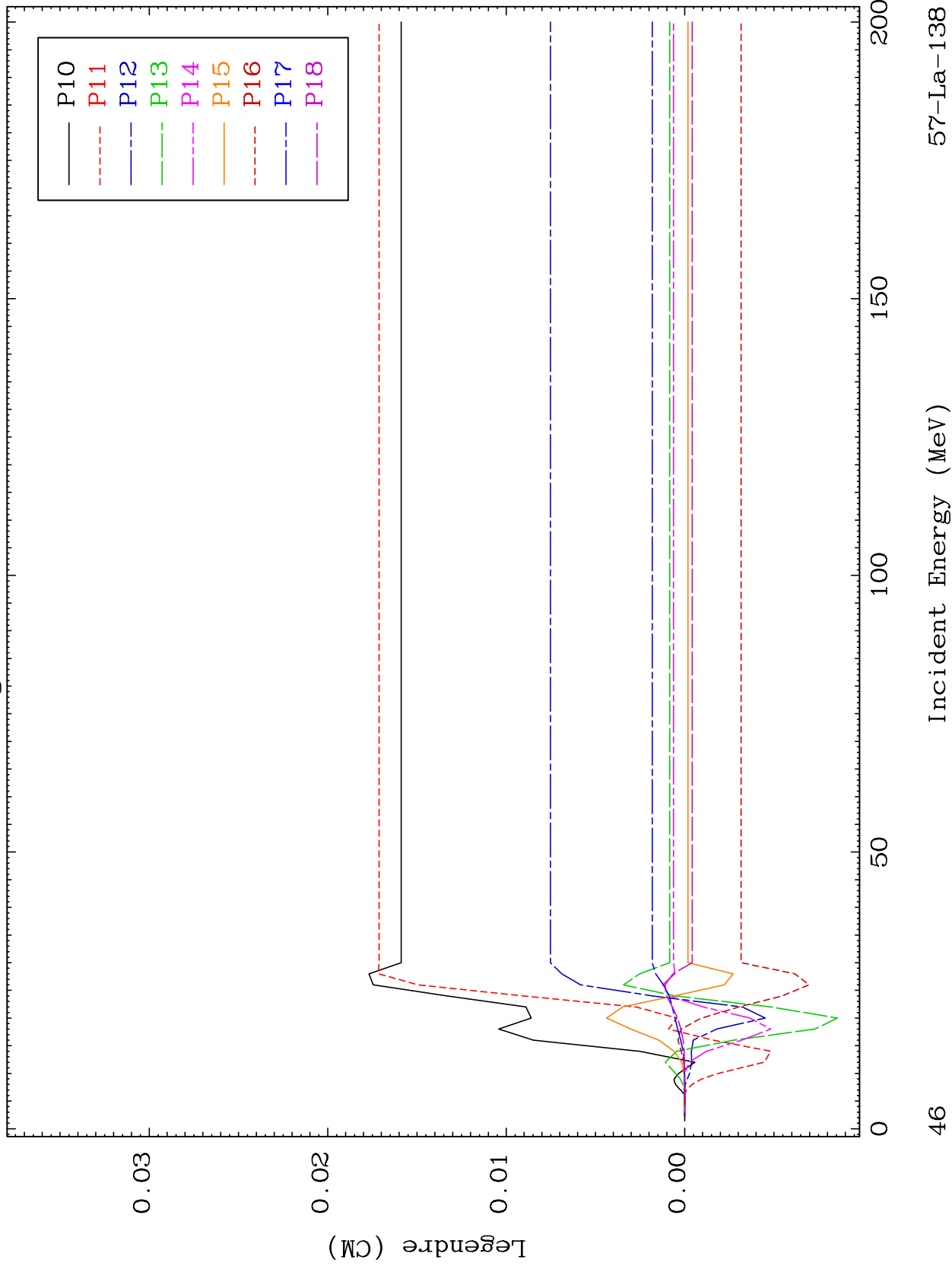
Incident Energy (MeV)

45

MAT 5725

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

57-La-138



57-La-138

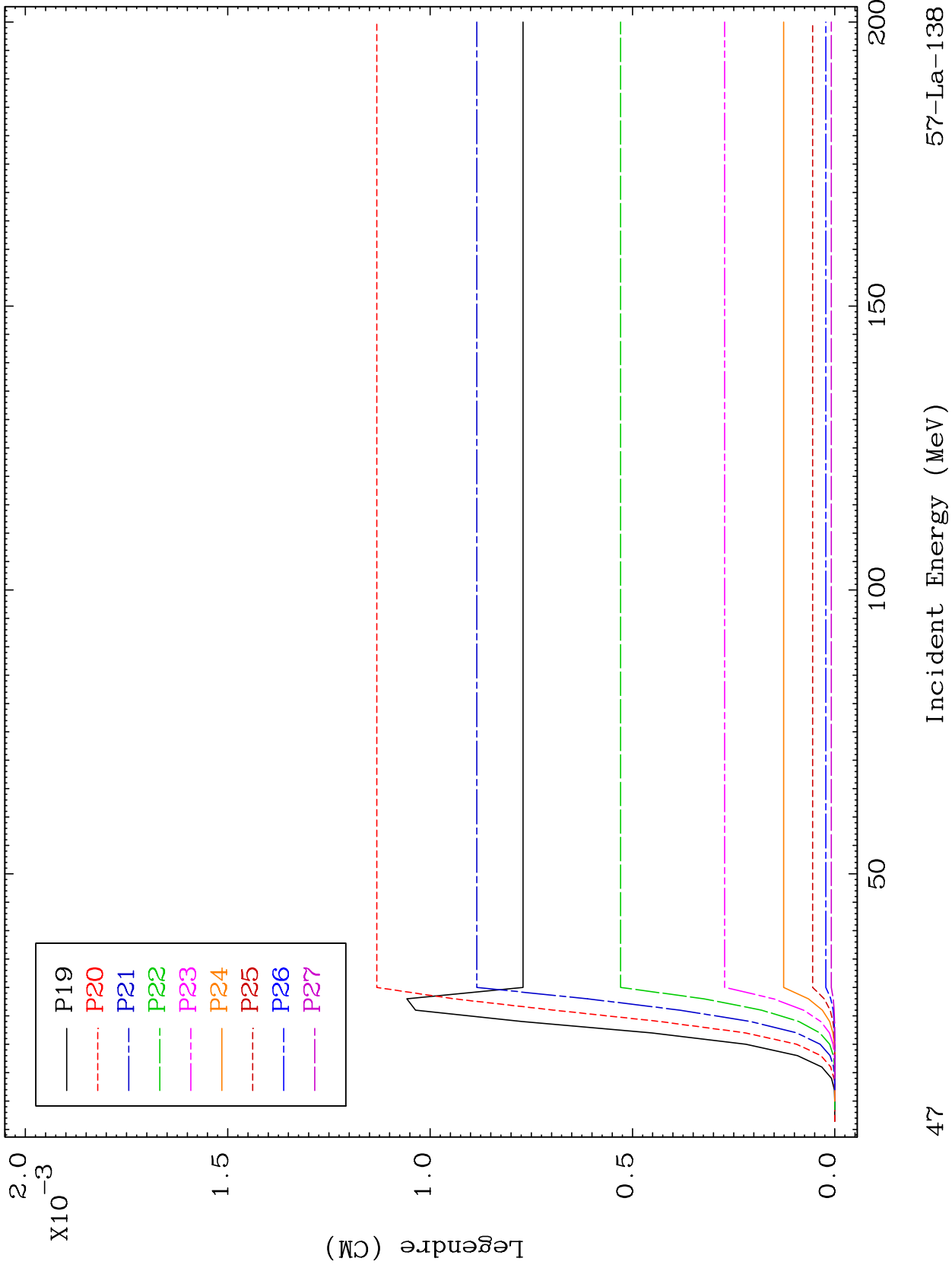
Incident Energy (MeV)

46

MAT 5725

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

57-La-138

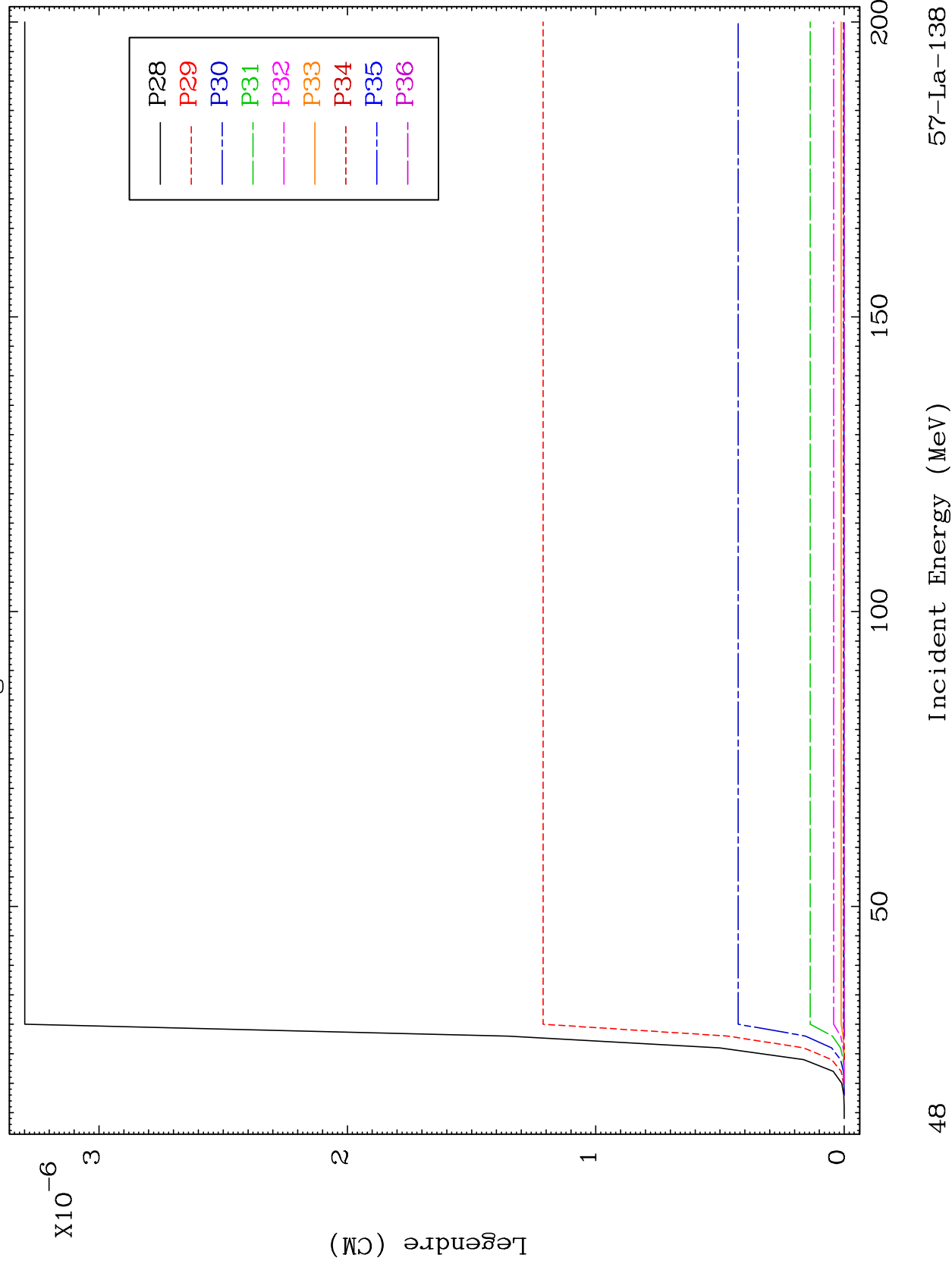




MAT 5725

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

57-La-138



48

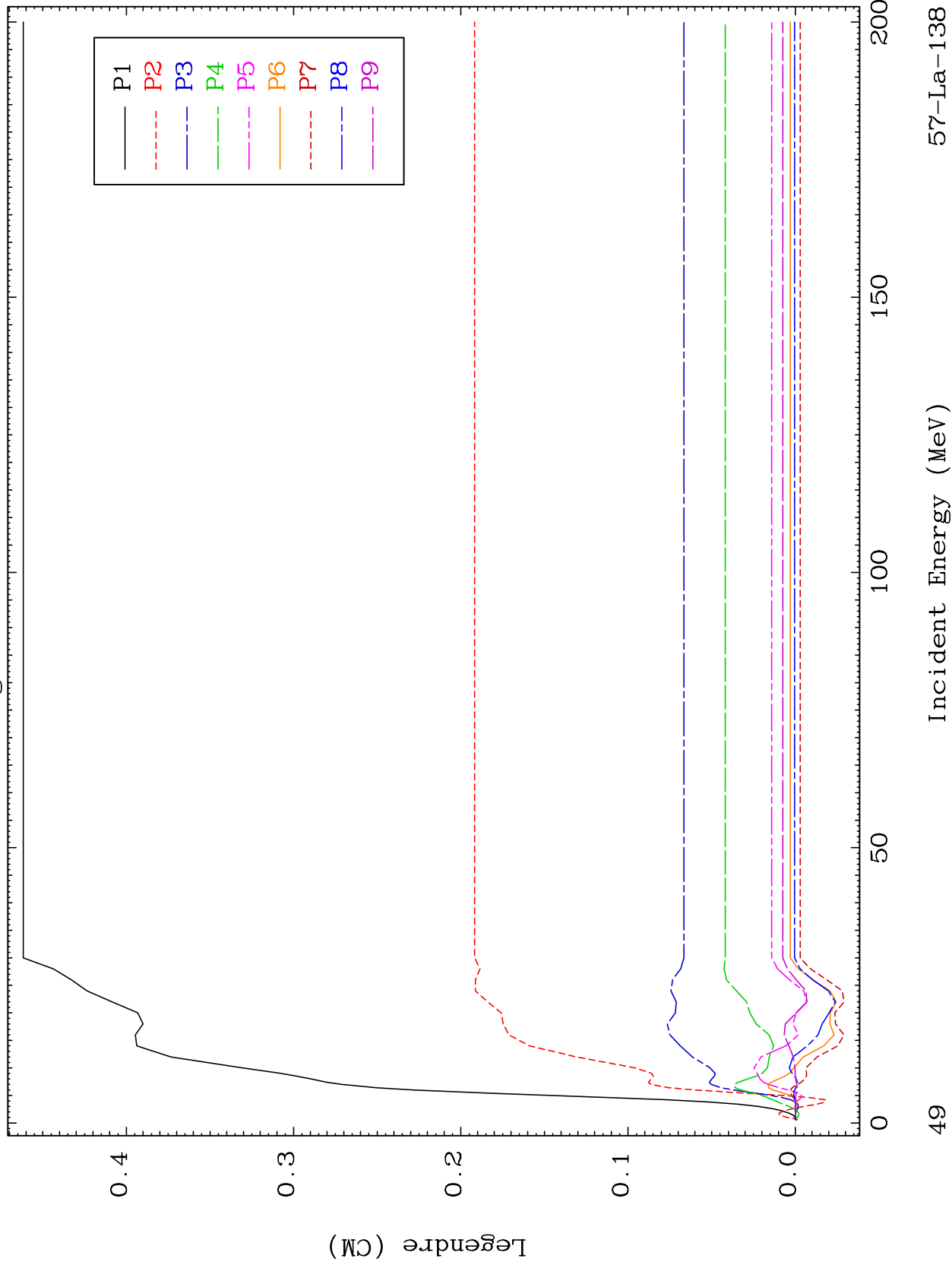
Incident Energy (MeV)

57-La-138

MAT 5725

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

57-La-138



57-La-138

Incident Energy (MeV)

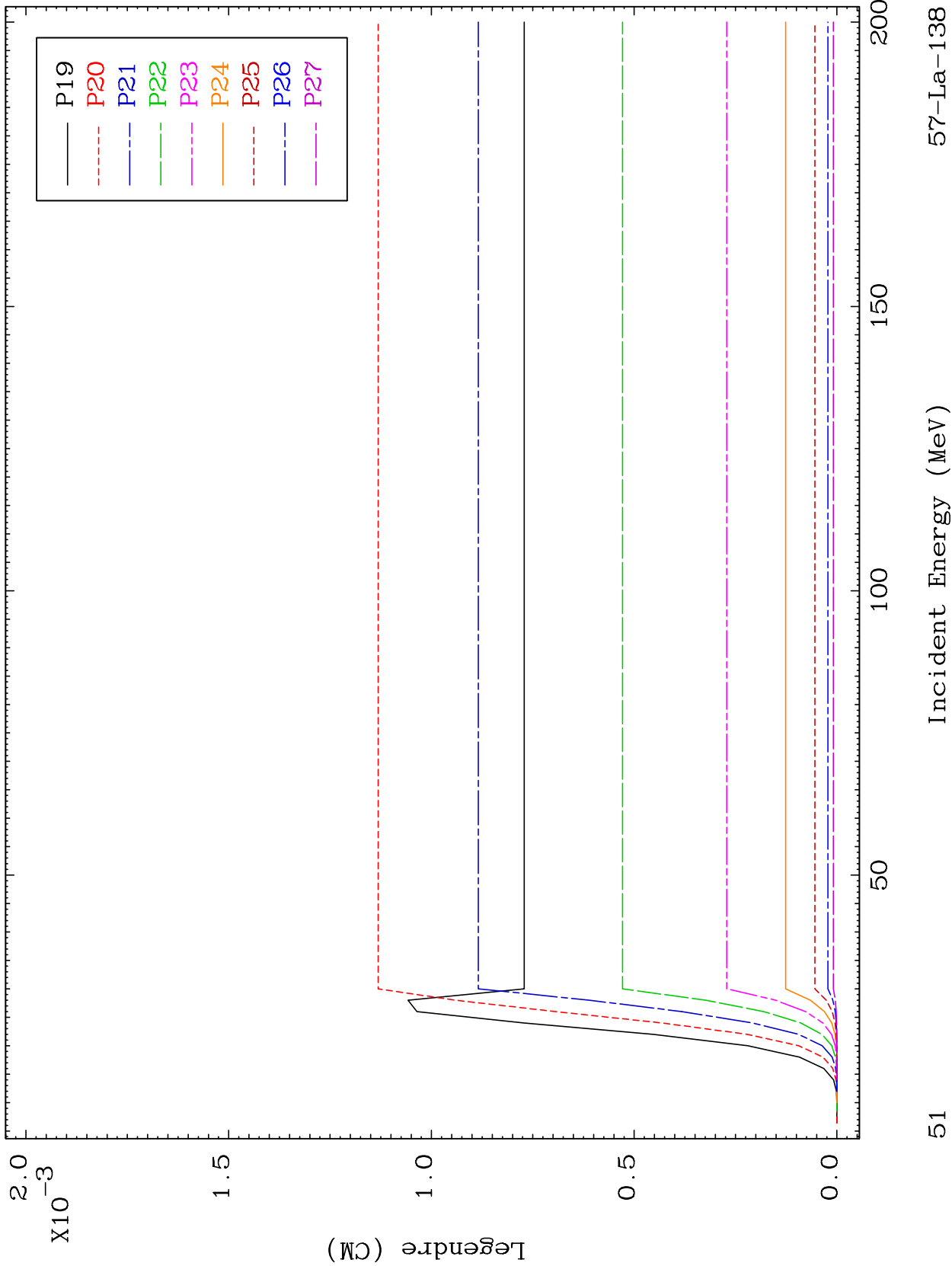
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MAT 5725

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

57-La-138



51

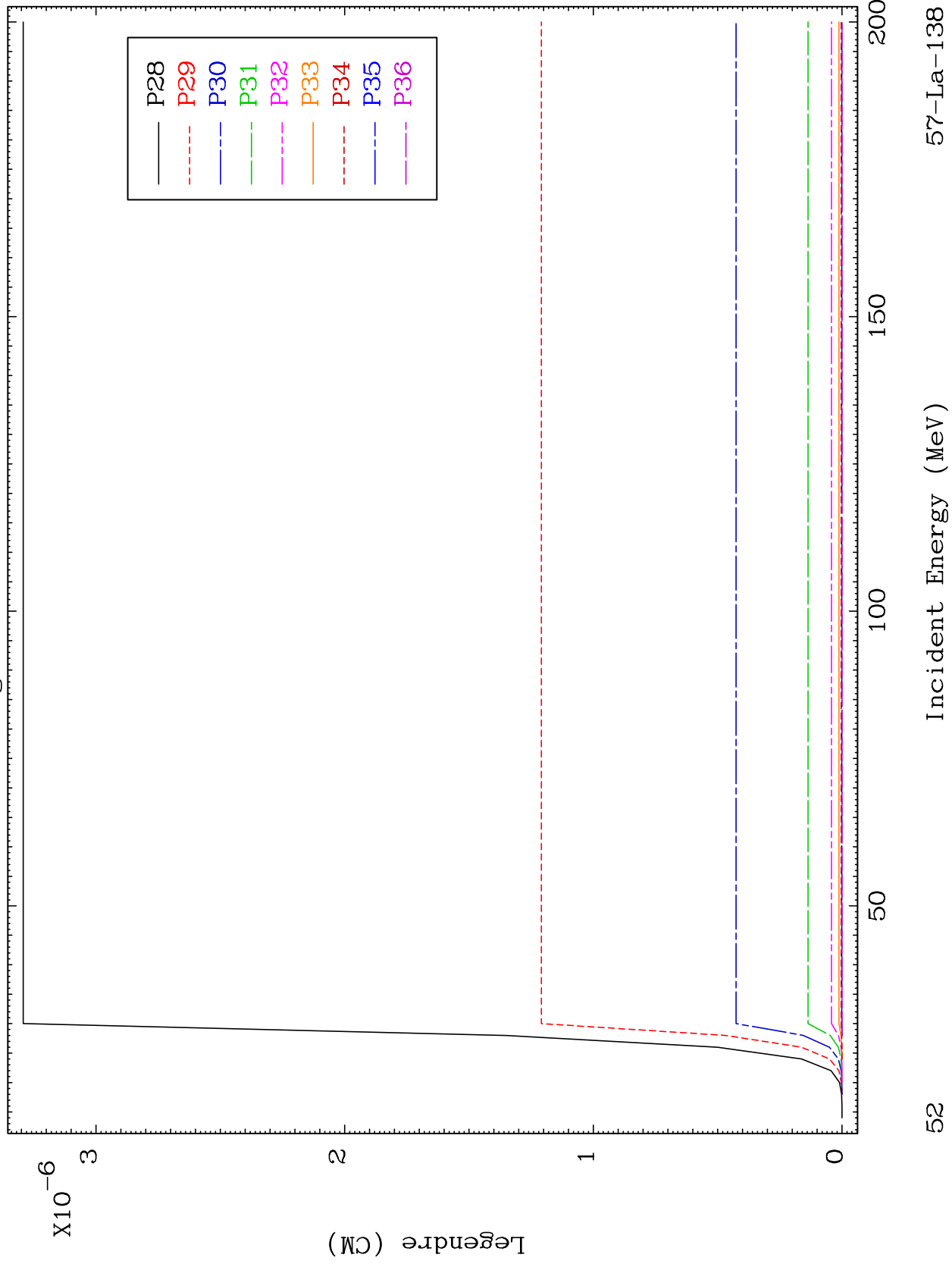
Incident Energy (MeV)

57-La-138

MAT 5725

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

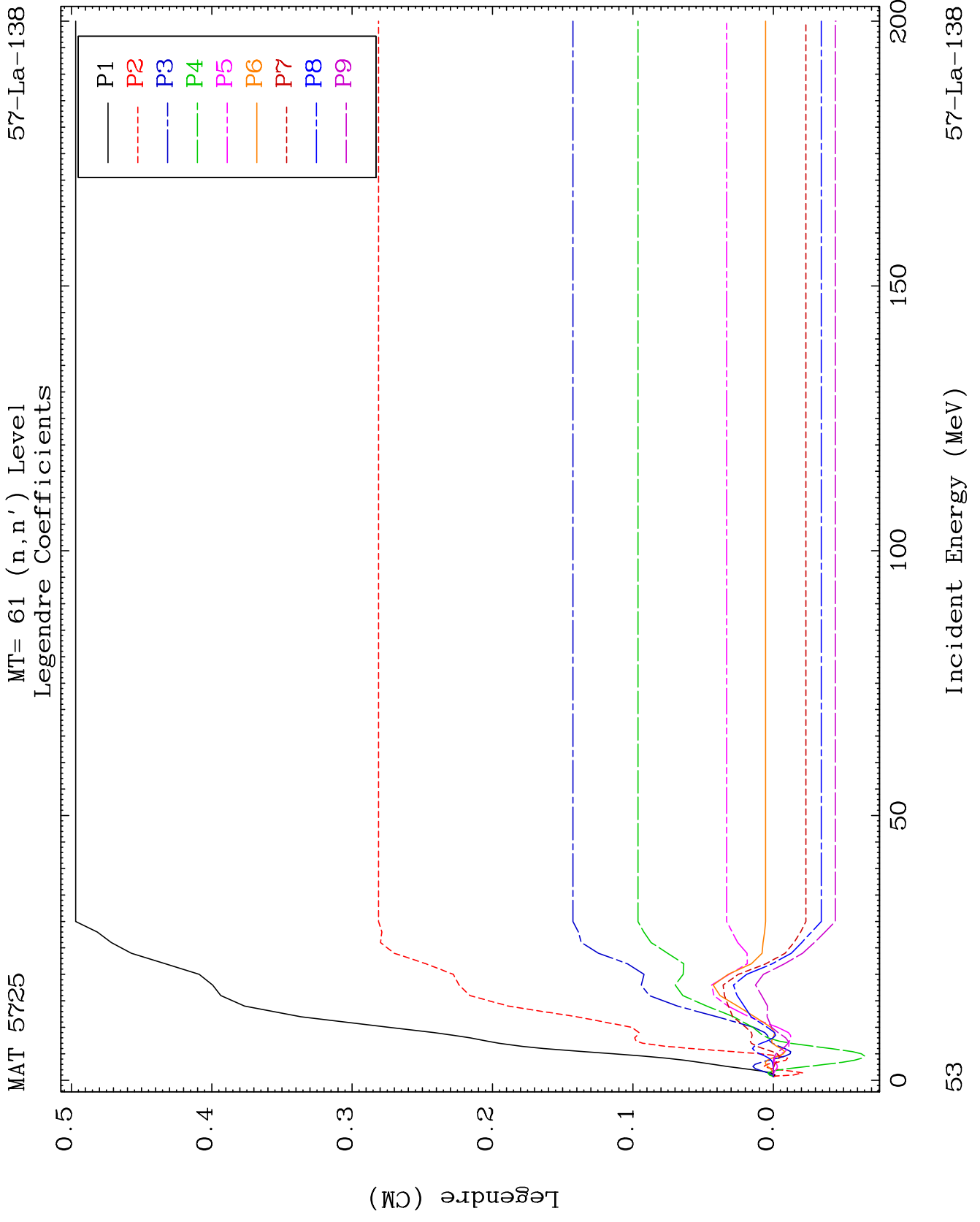
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52

Incident Energy (MeV)

57-La-138

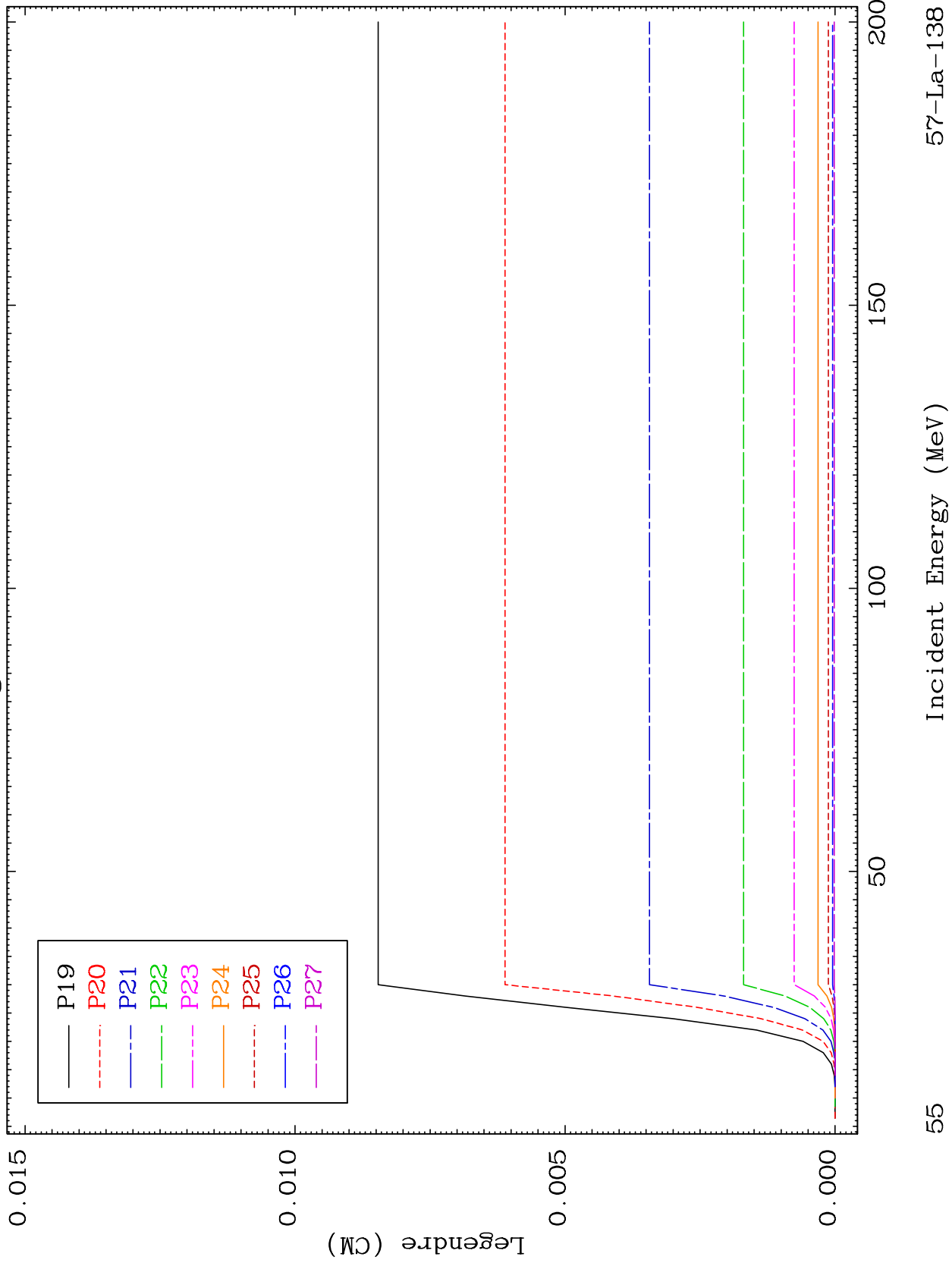




MAT 5725

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

57-La-138



57-La-138

Incident Energy (MeV)

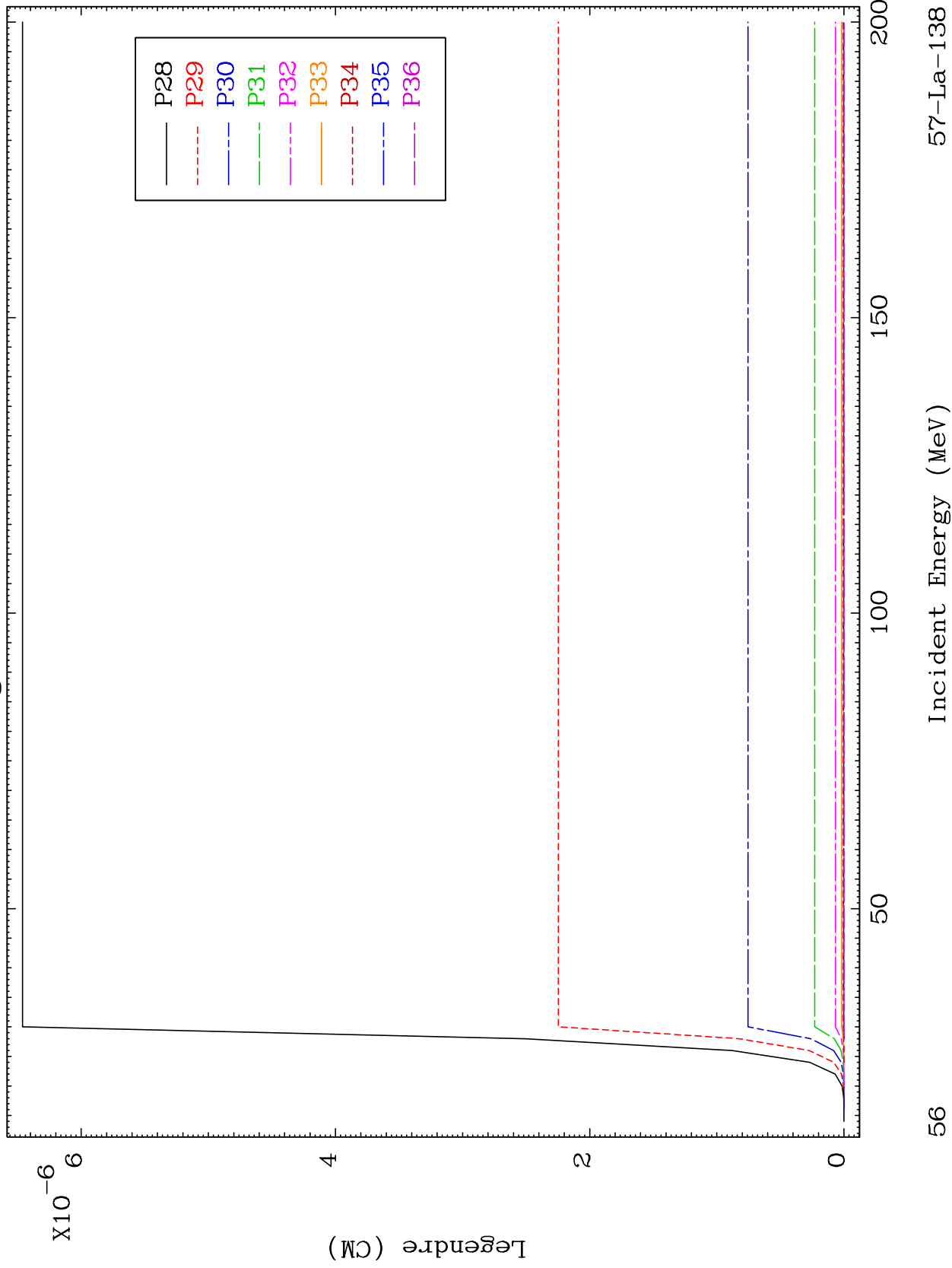
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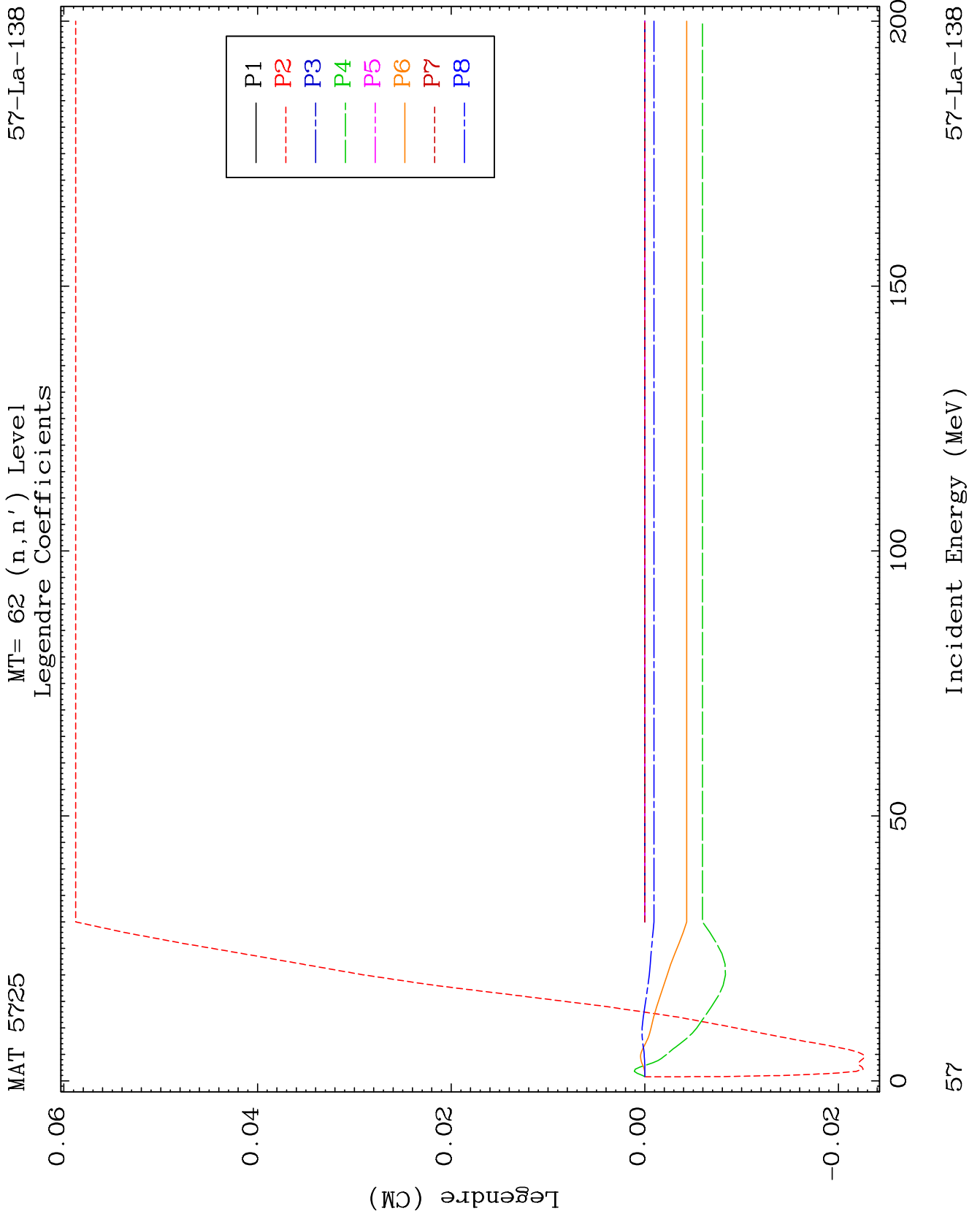


MAT 5725

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

57-La-138

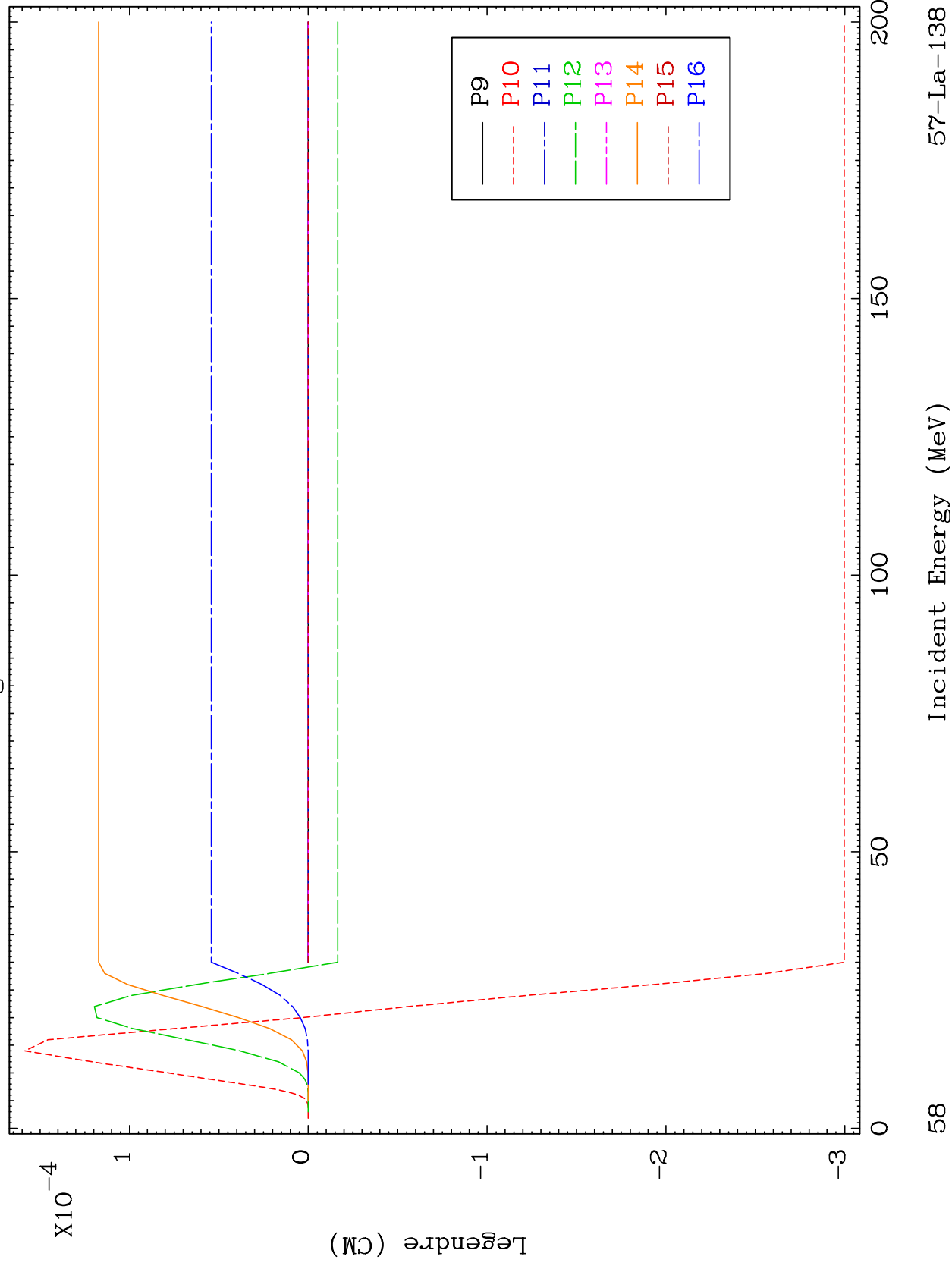




MAT 5725

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

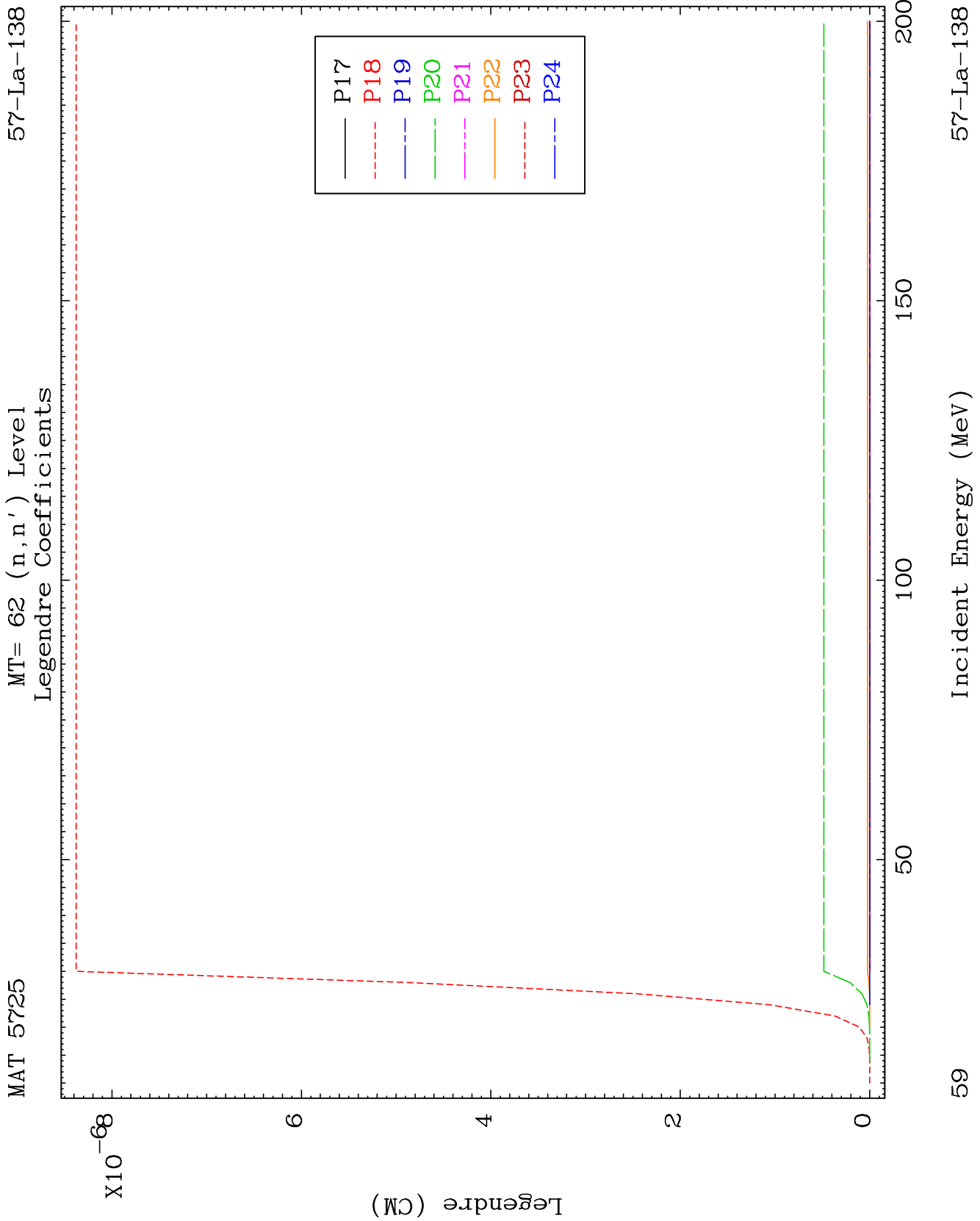
57-La-138



57-La-138

Incident Energy (MeV)

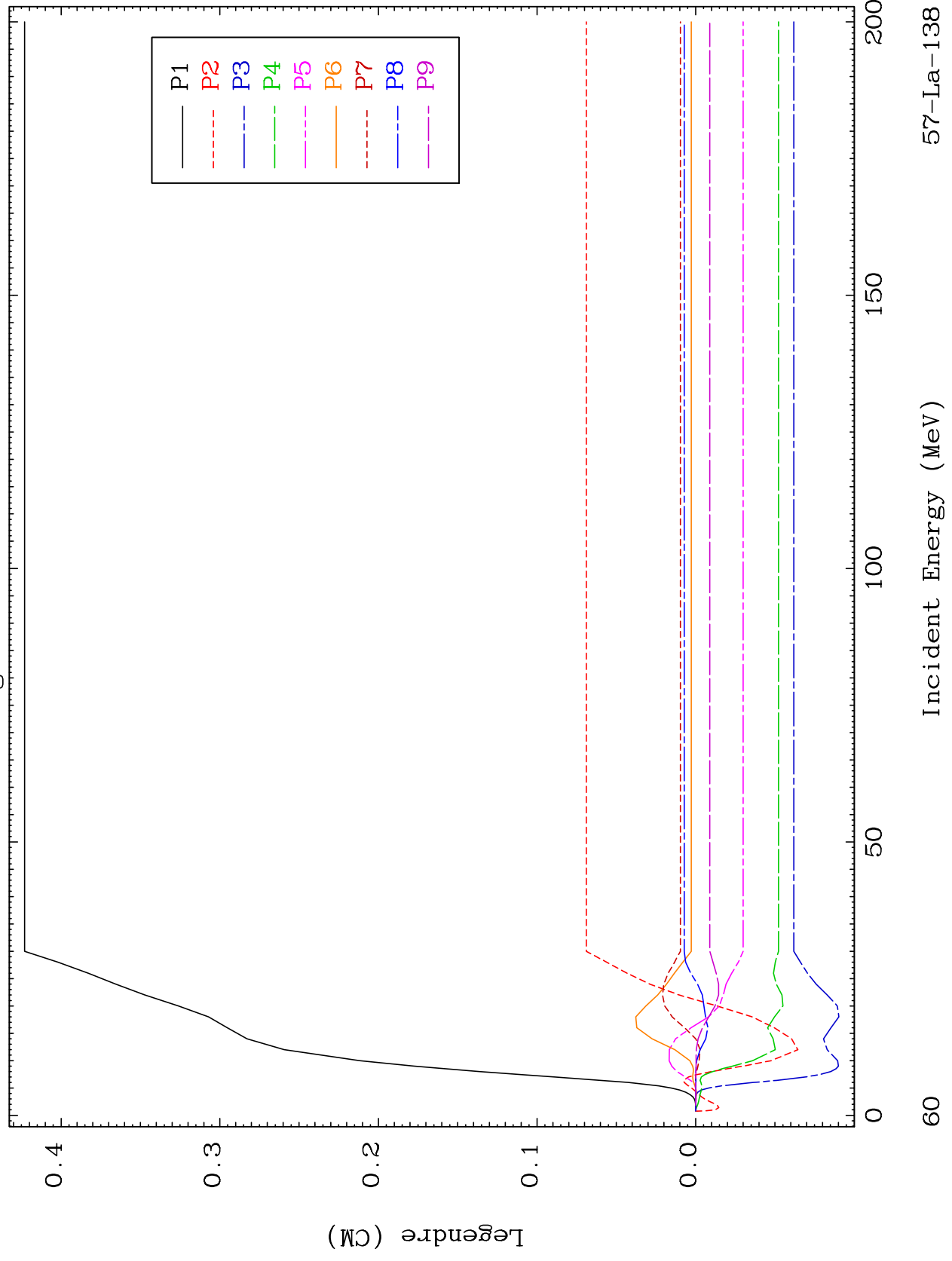
58



MAT 5725

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

57-La-138

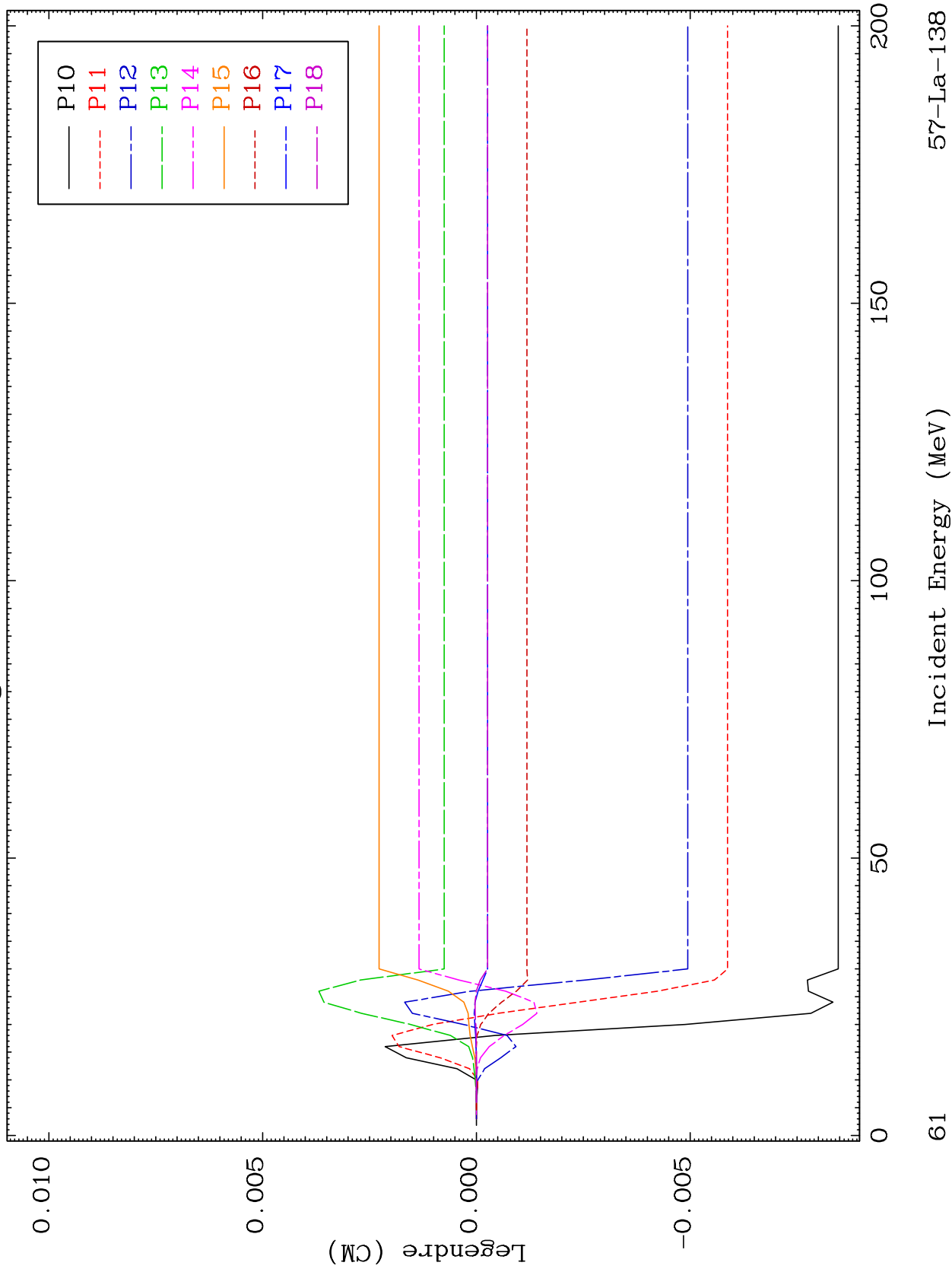


57-La-138

MAT 5725

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

57-La-138



61

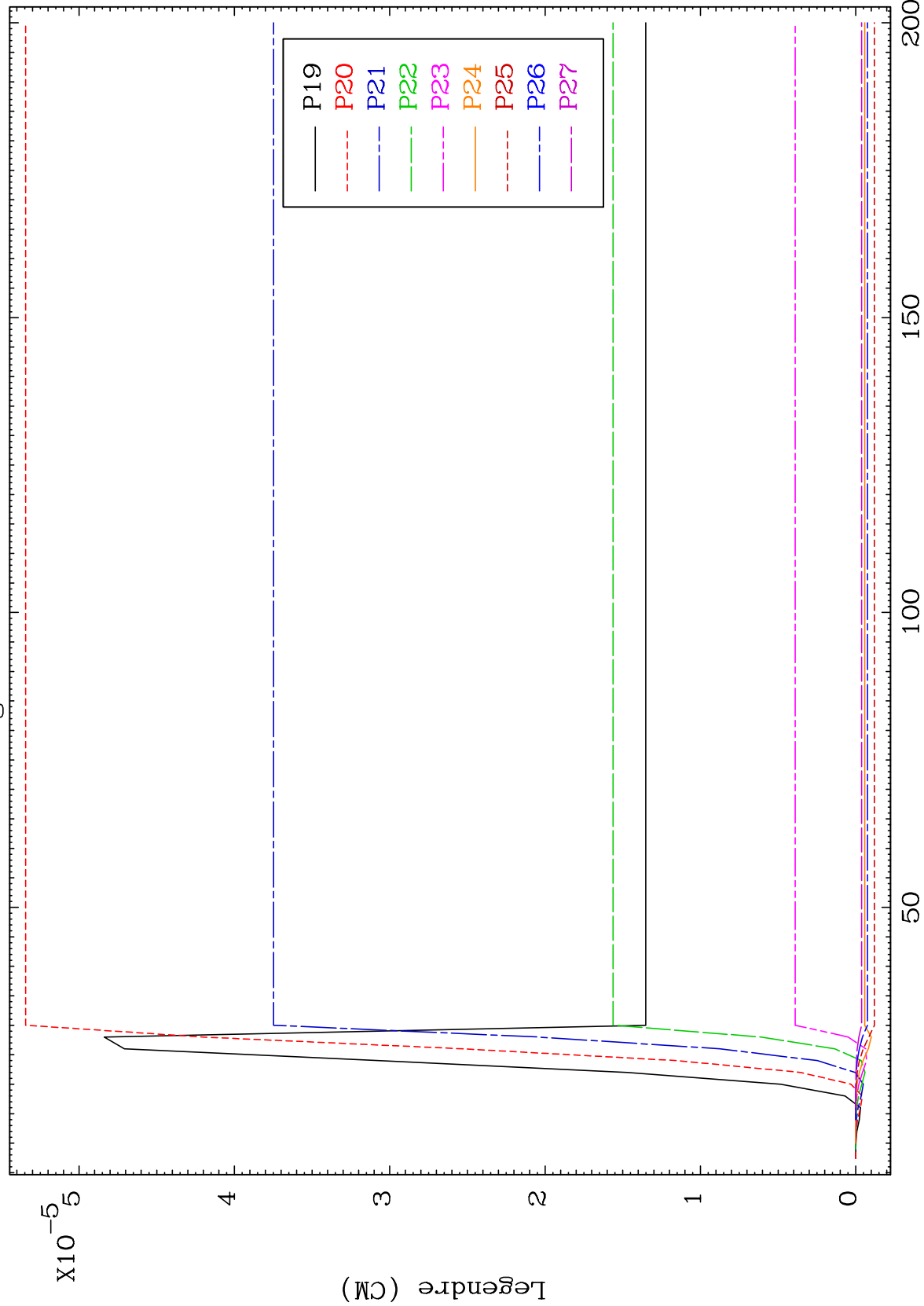
Incident Energy (MeV)

57-La-138

MAT 5725

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

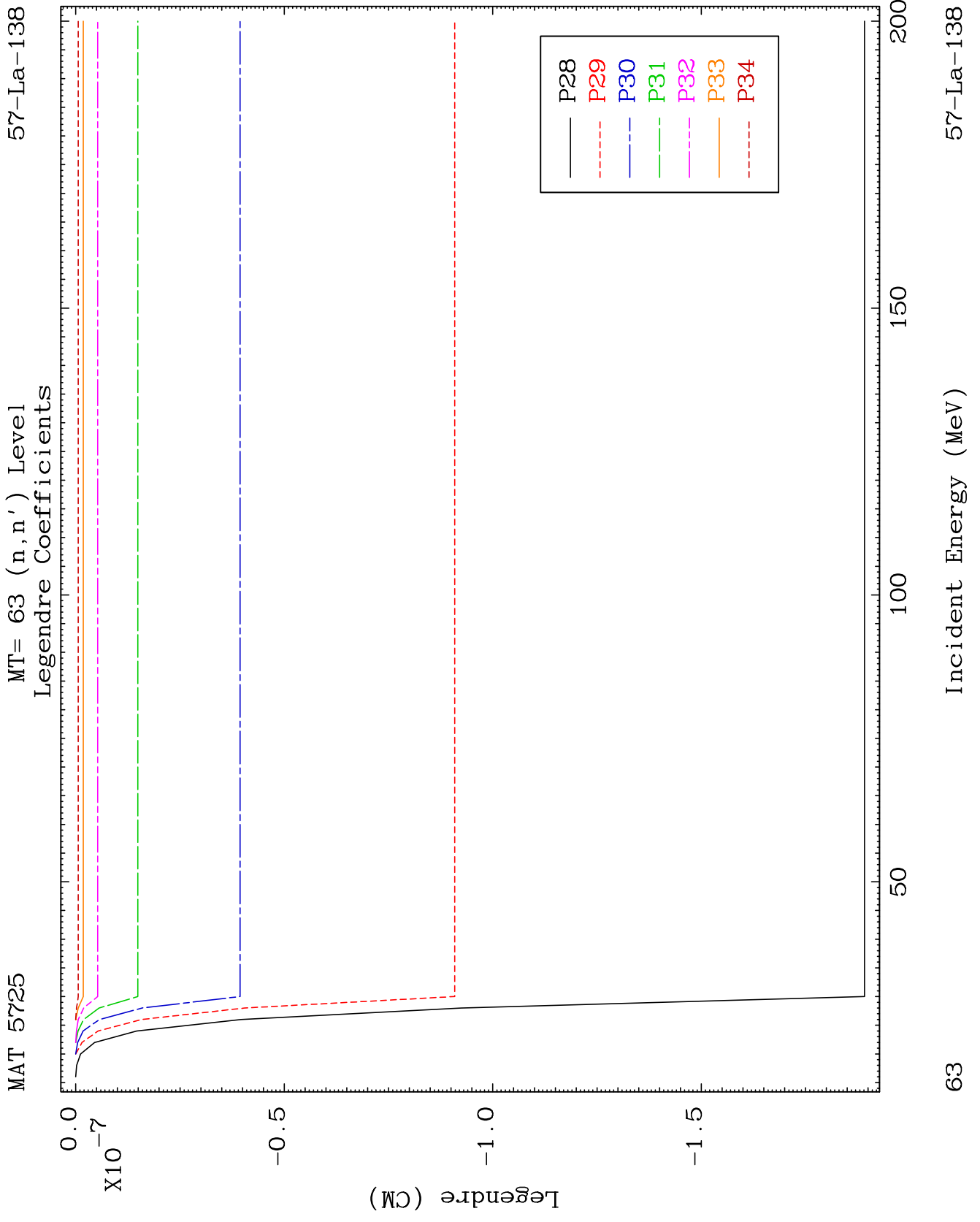
57-La-138



57-La-138

Incident Energy (MeV)

62

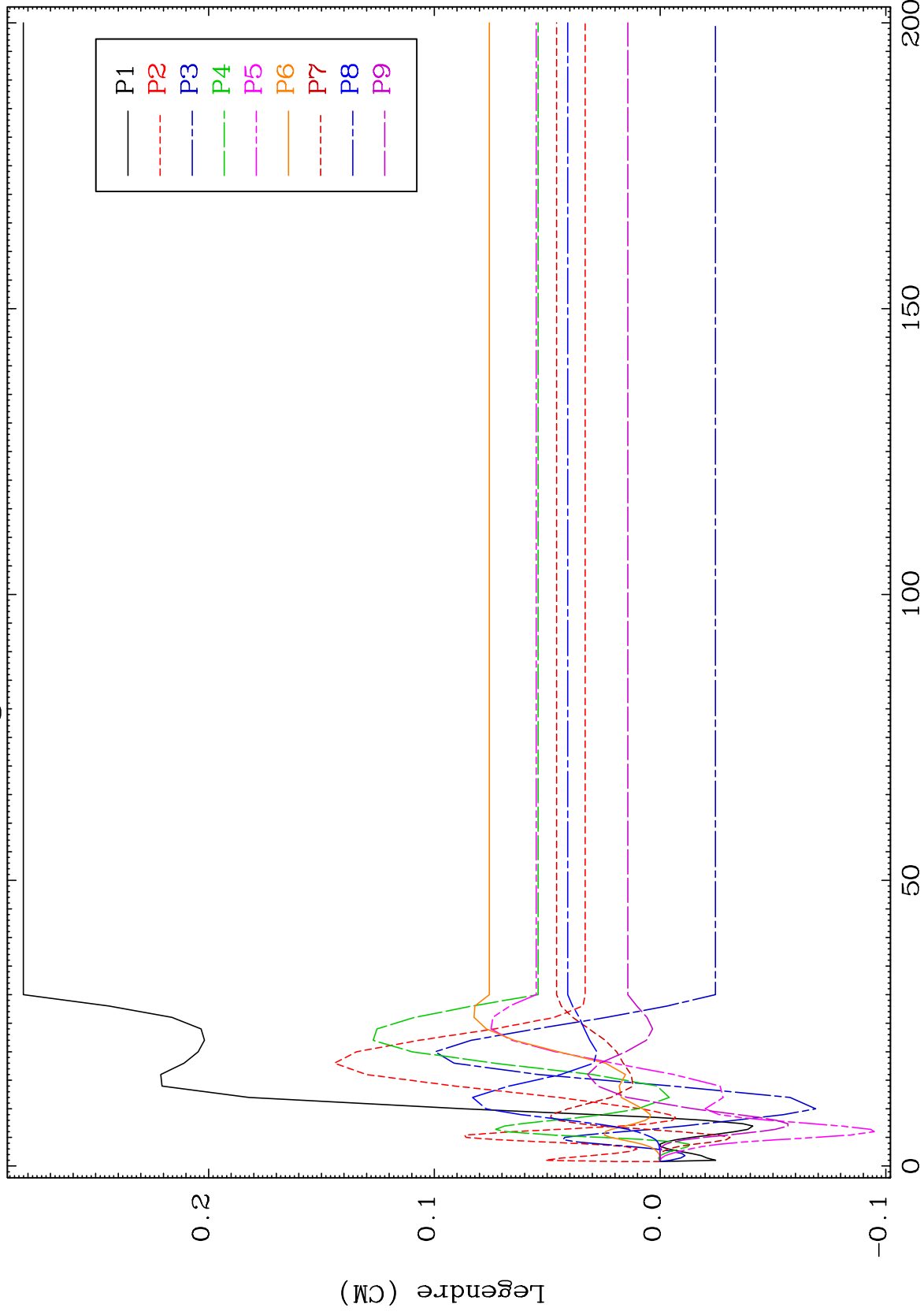




MAT 5725

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

57-La-138



64

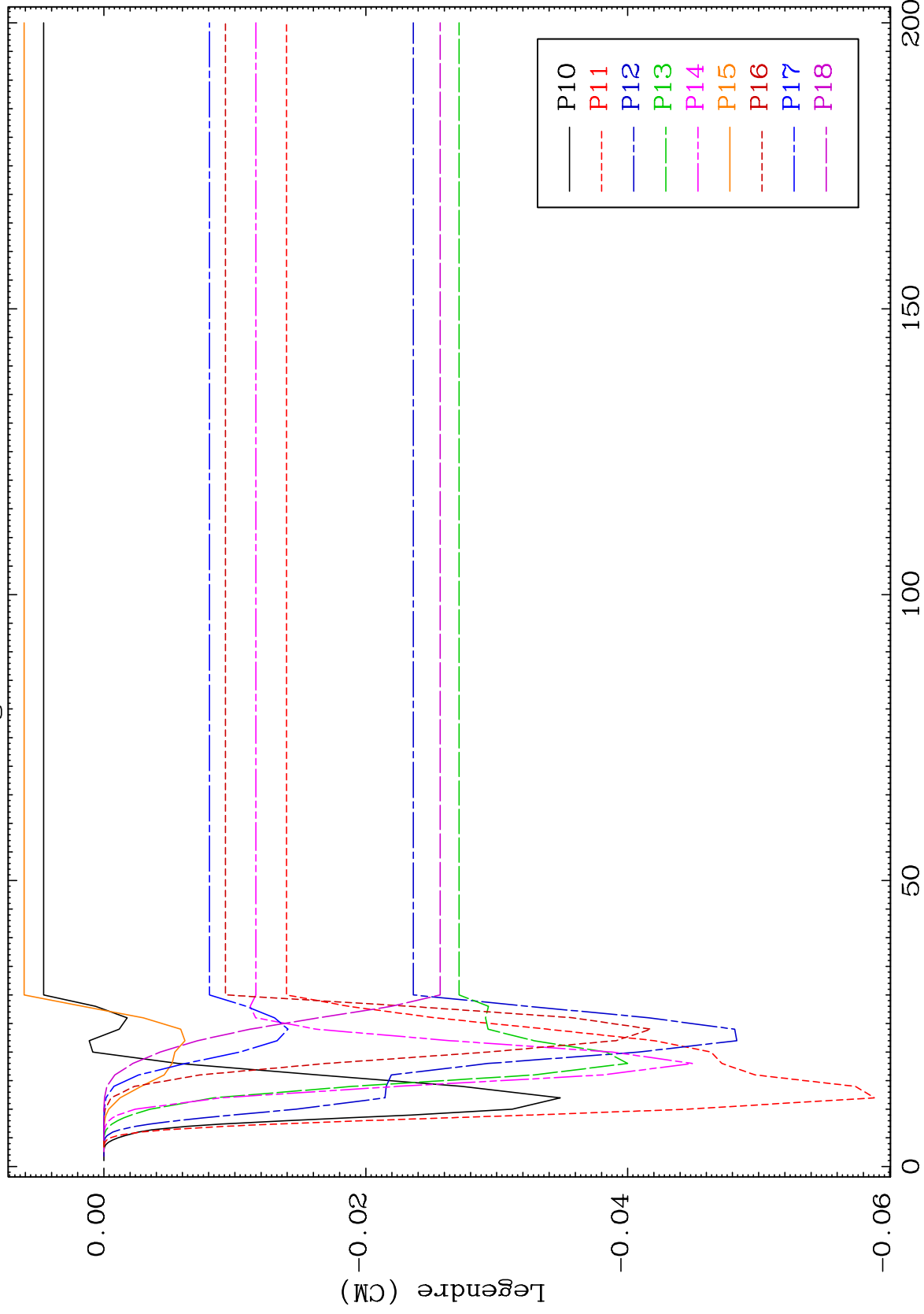
Incident Energy (MeV)

57-La-138

MAT 5725

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

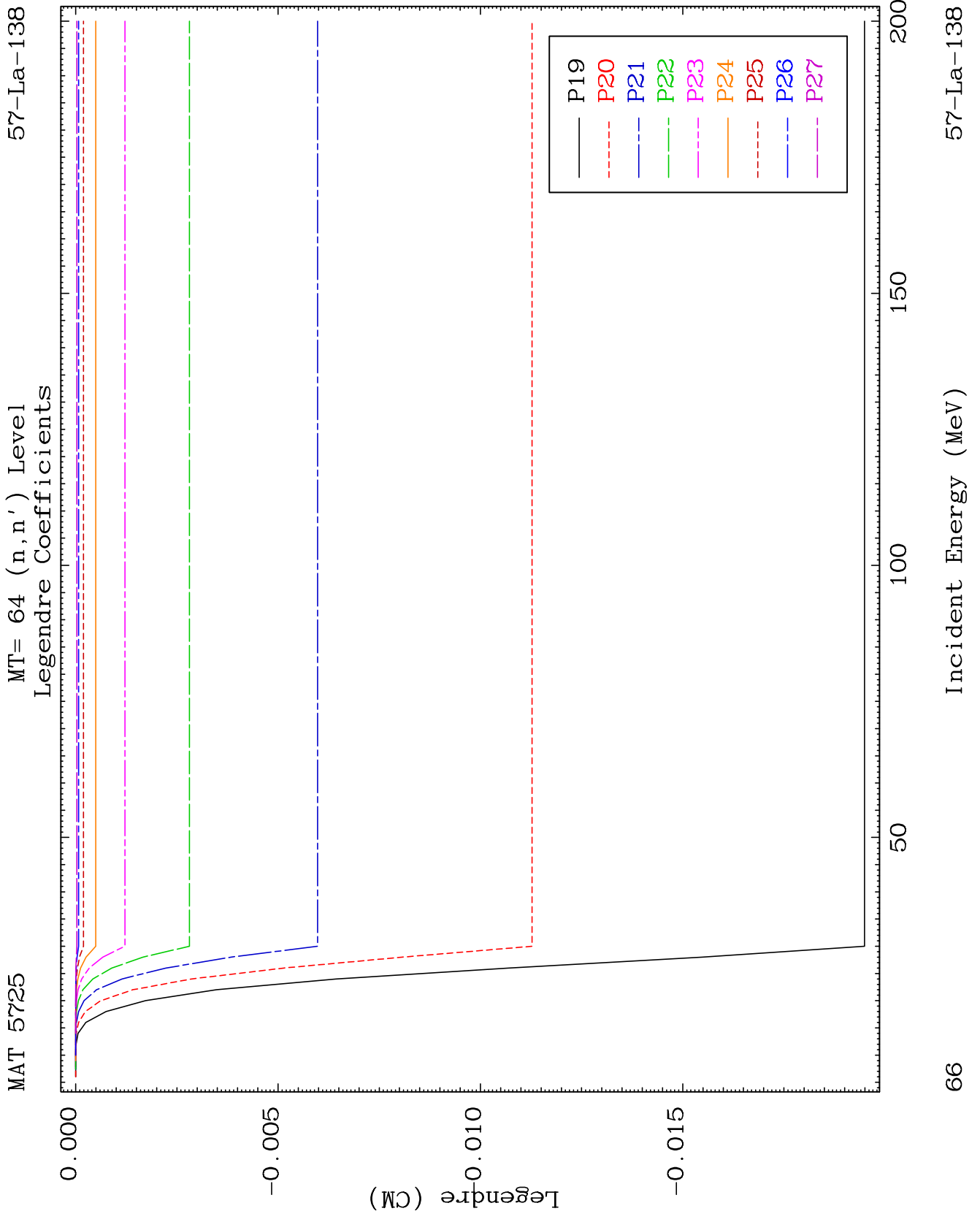
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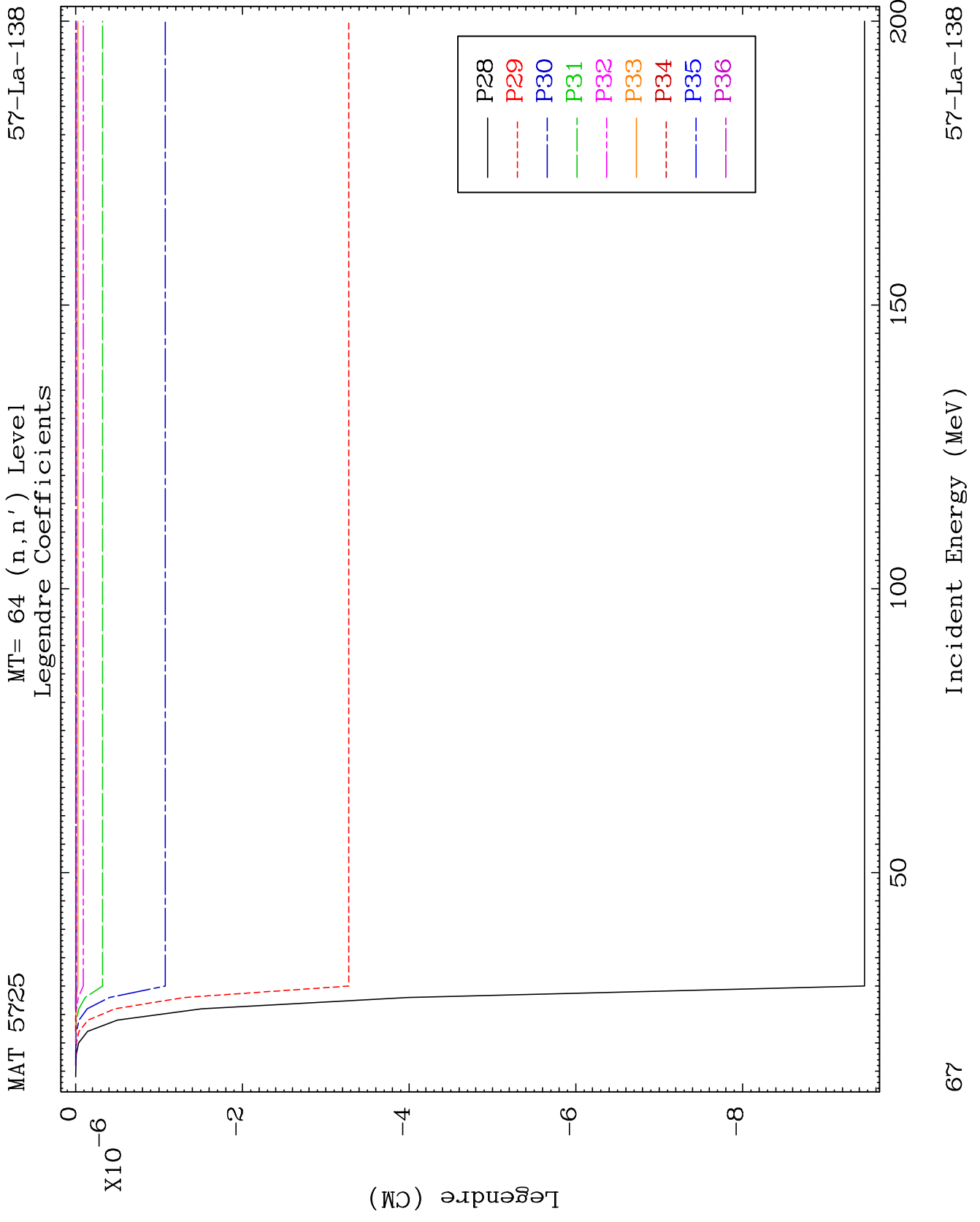


65

Incident Energy (MeV)

57-La-138

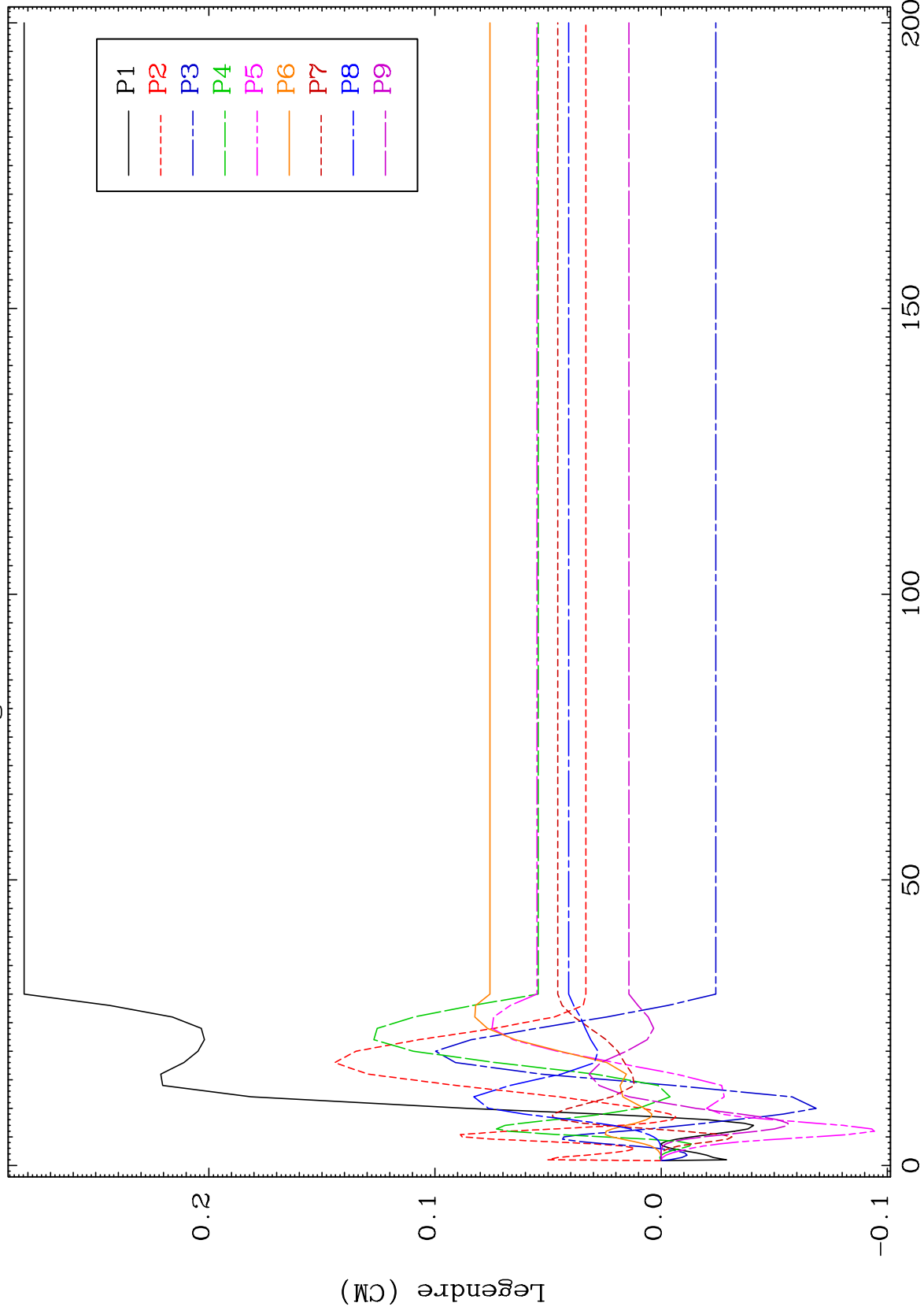




MAT 5725

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

57-La-138



57-La-138

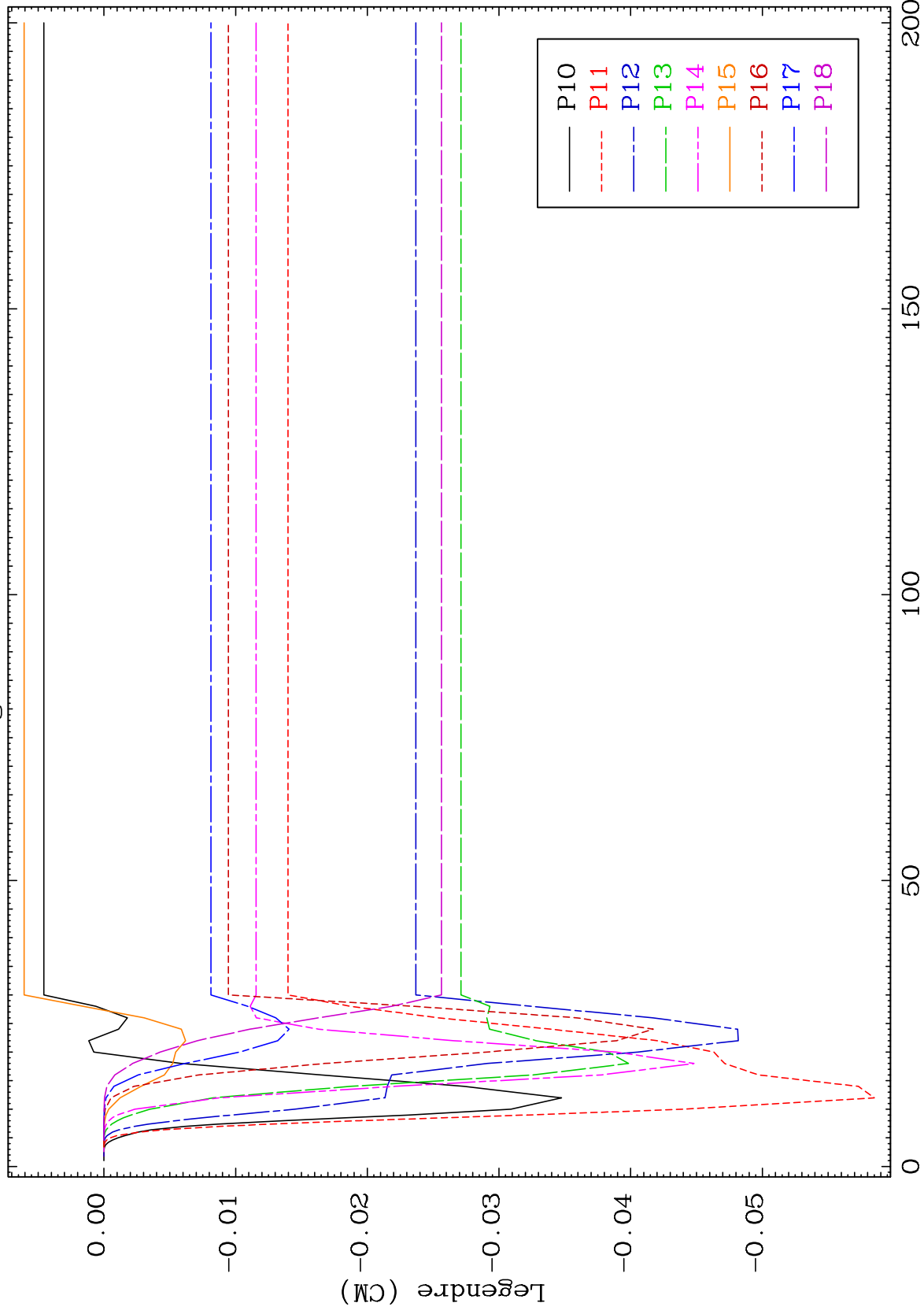
Incident Energy (MeV)

68

MAT 5725

57-La-138

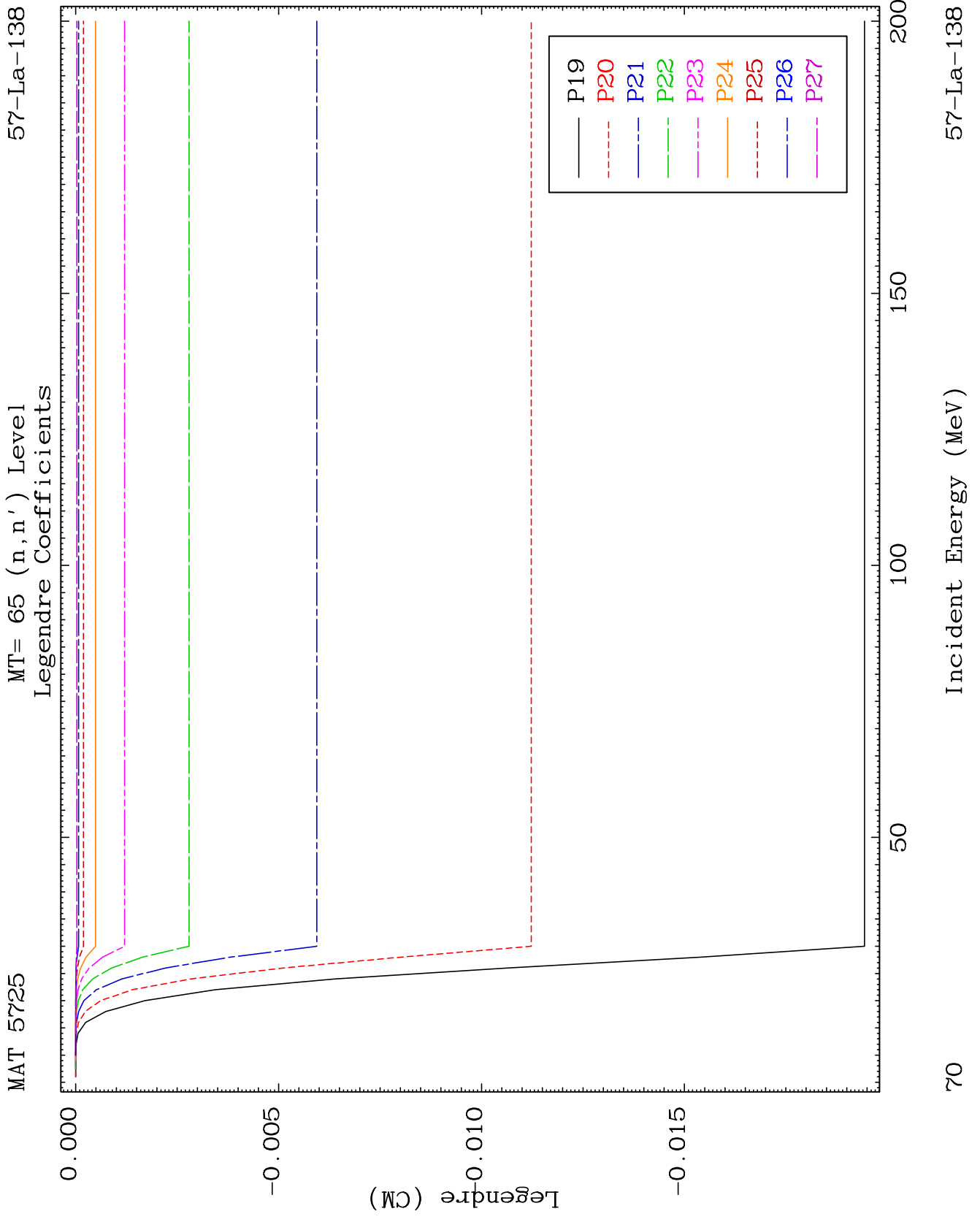
MT= 65 (n,n') Level  
Legendre Coefficients

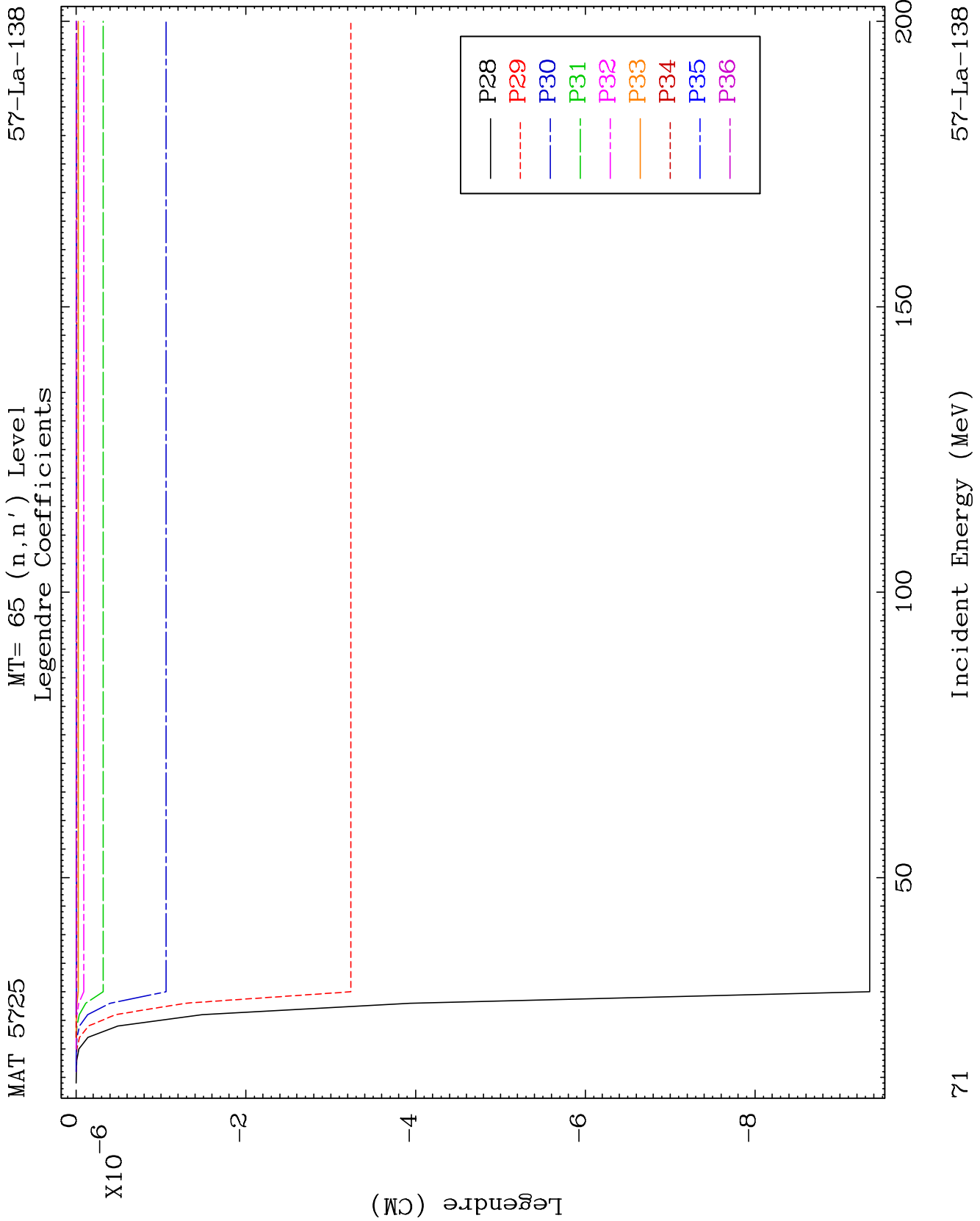


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Incident Energy (MeV)

57-La-138



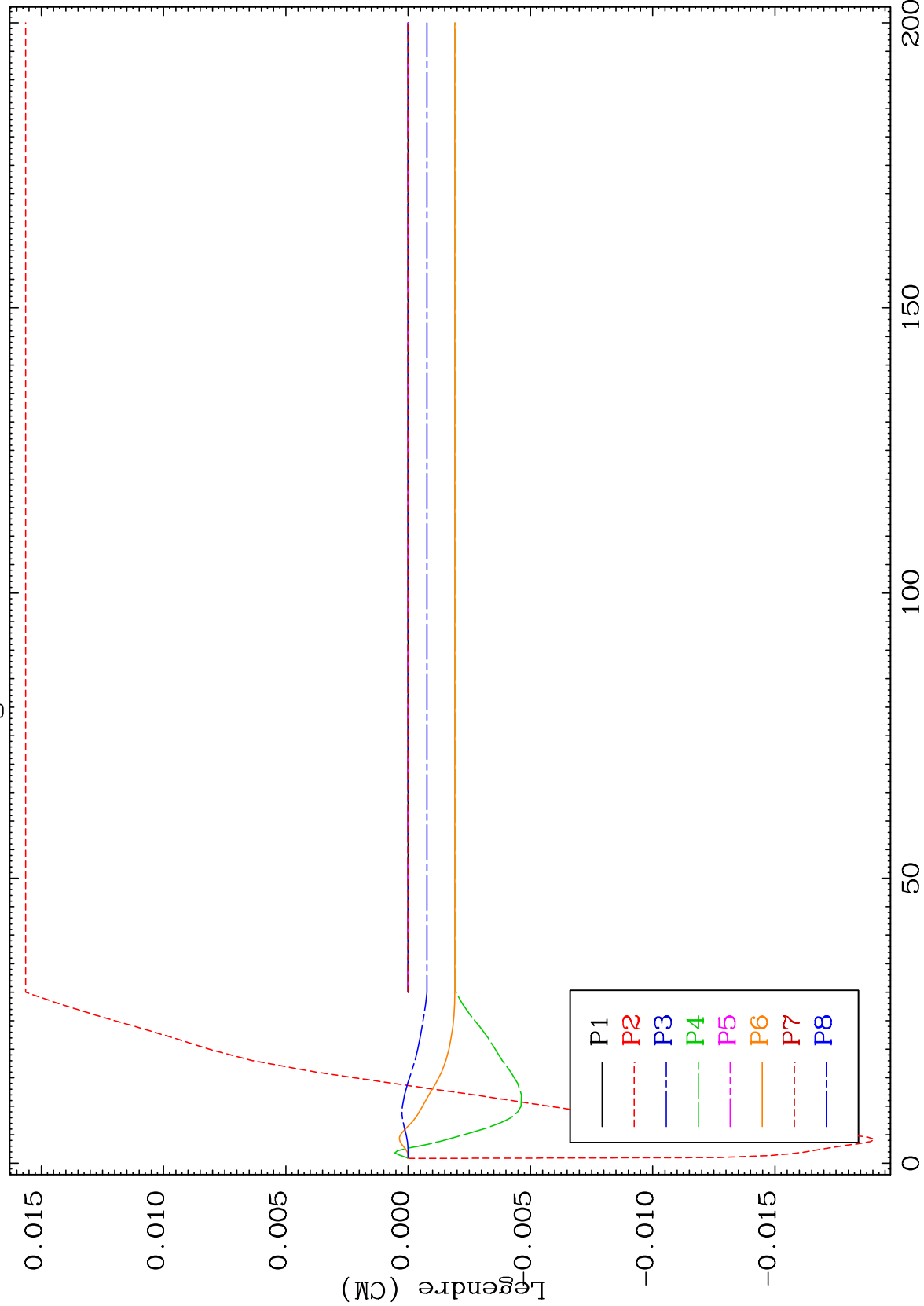




MAT 5725

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

57-La-138



57-La-138

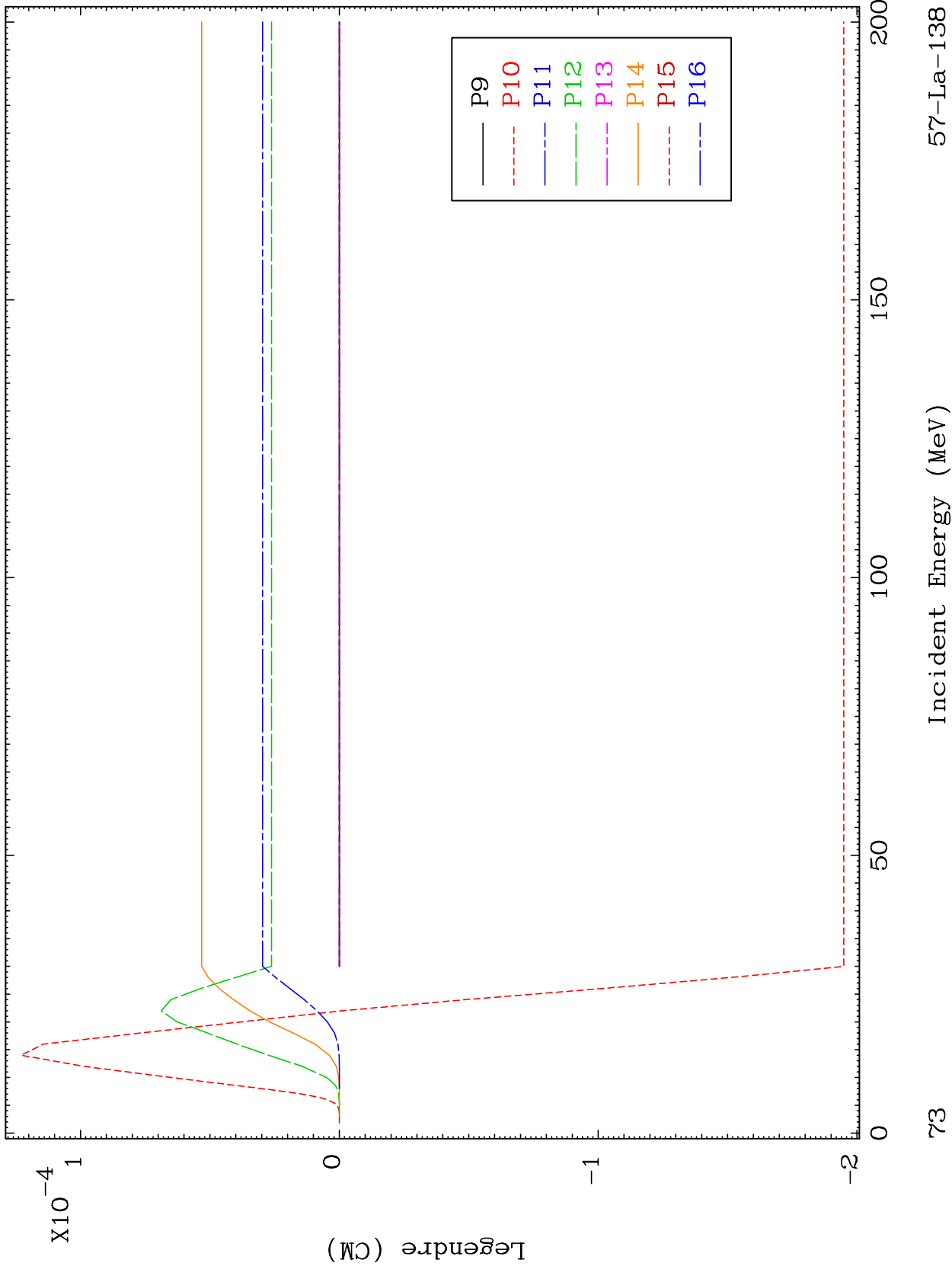
Incident Energy (MeV)

72

MAT 5725

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

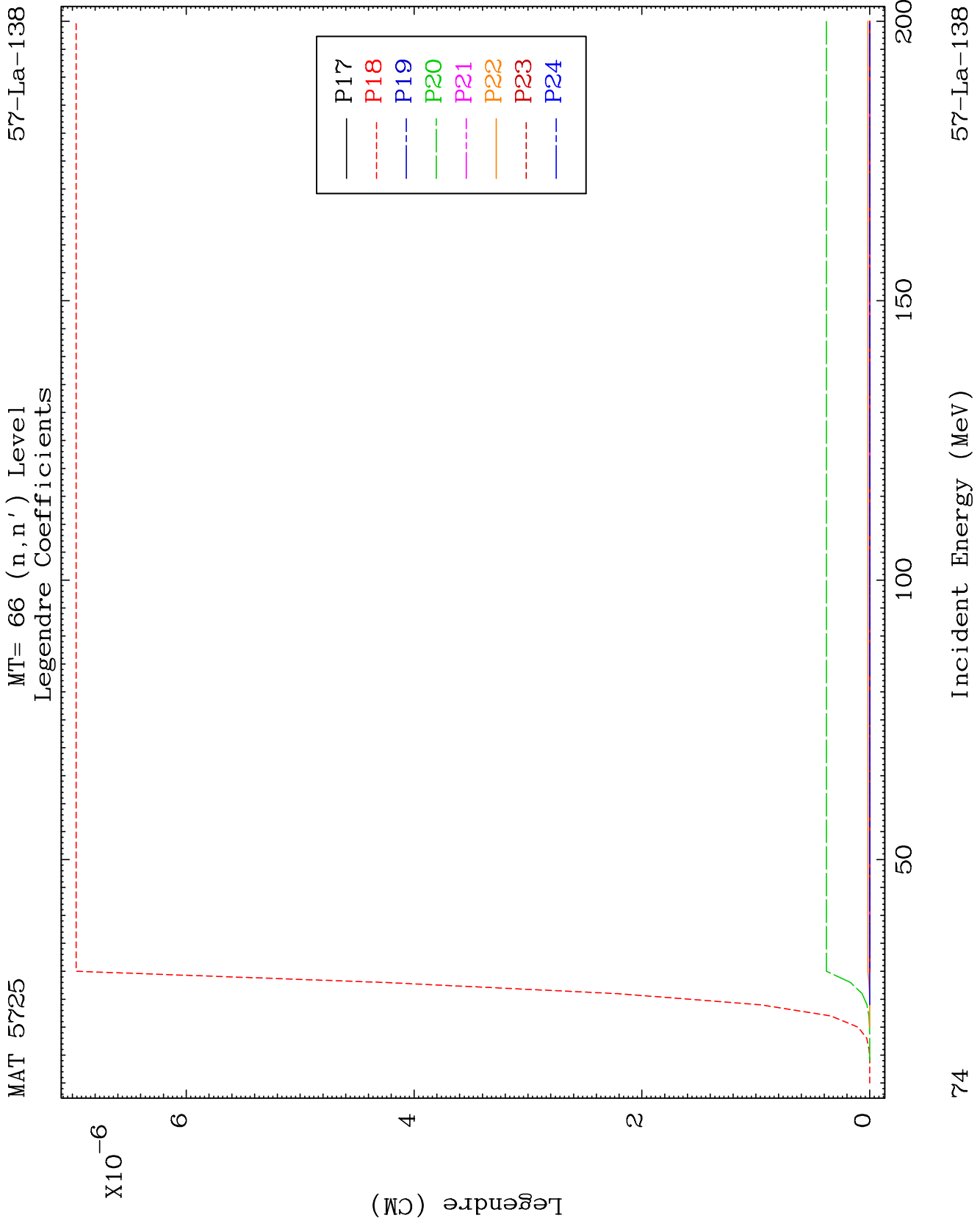
57-La-138

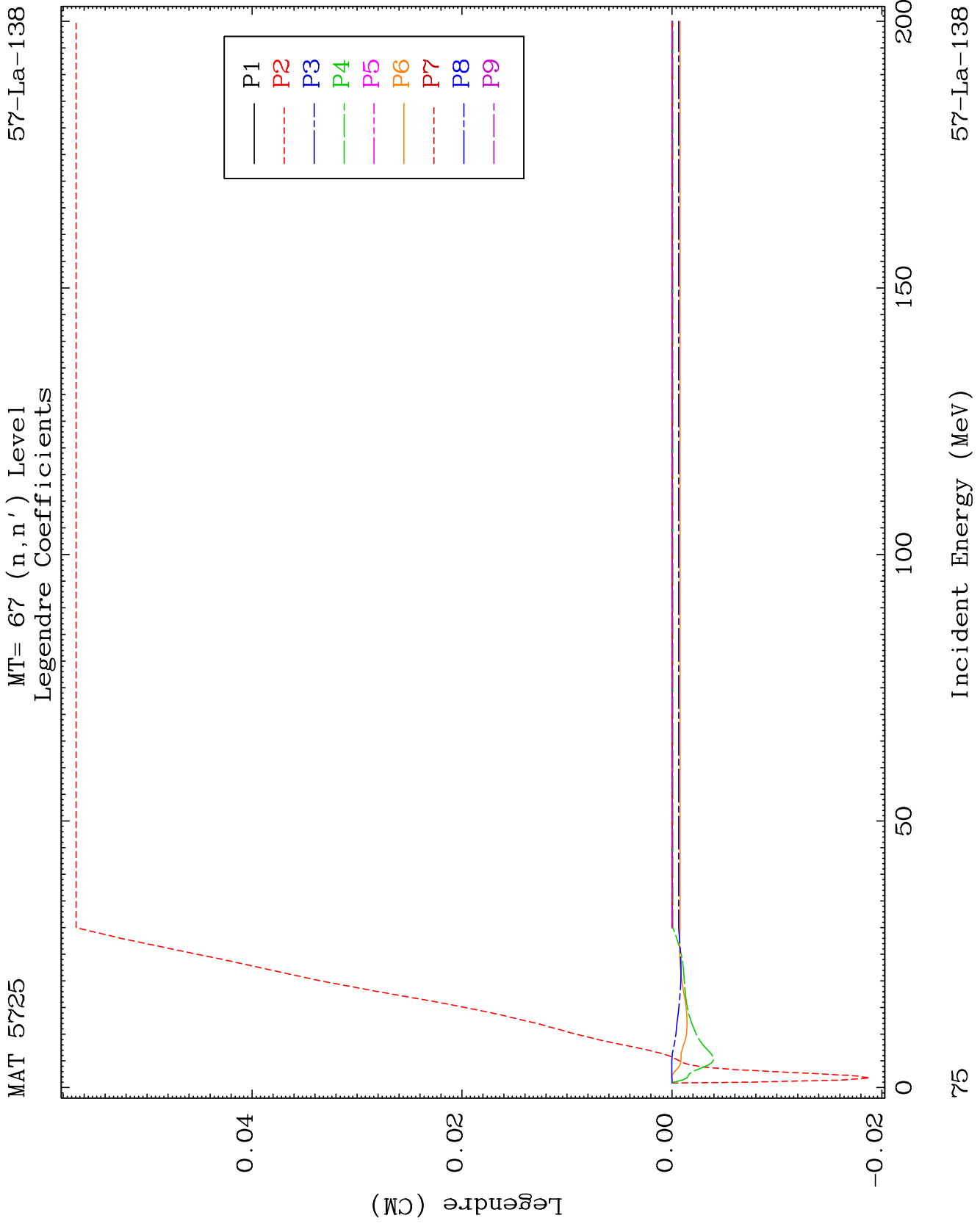


57-La-138

Incident Energy (MeV)

73



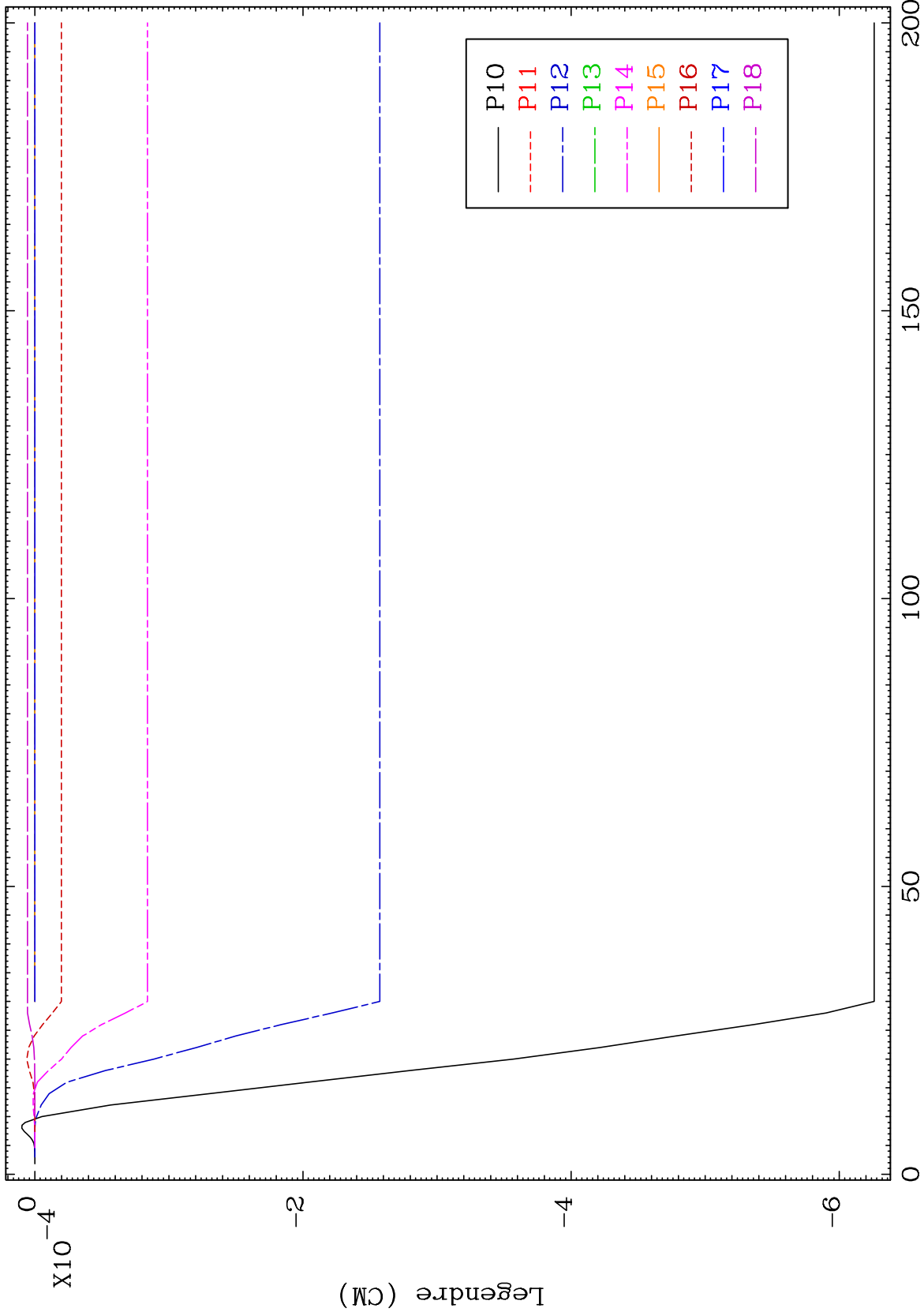


MAT 5725

MT= 67 (n,n') Level

57-La-138

Legendre Coefficients



76

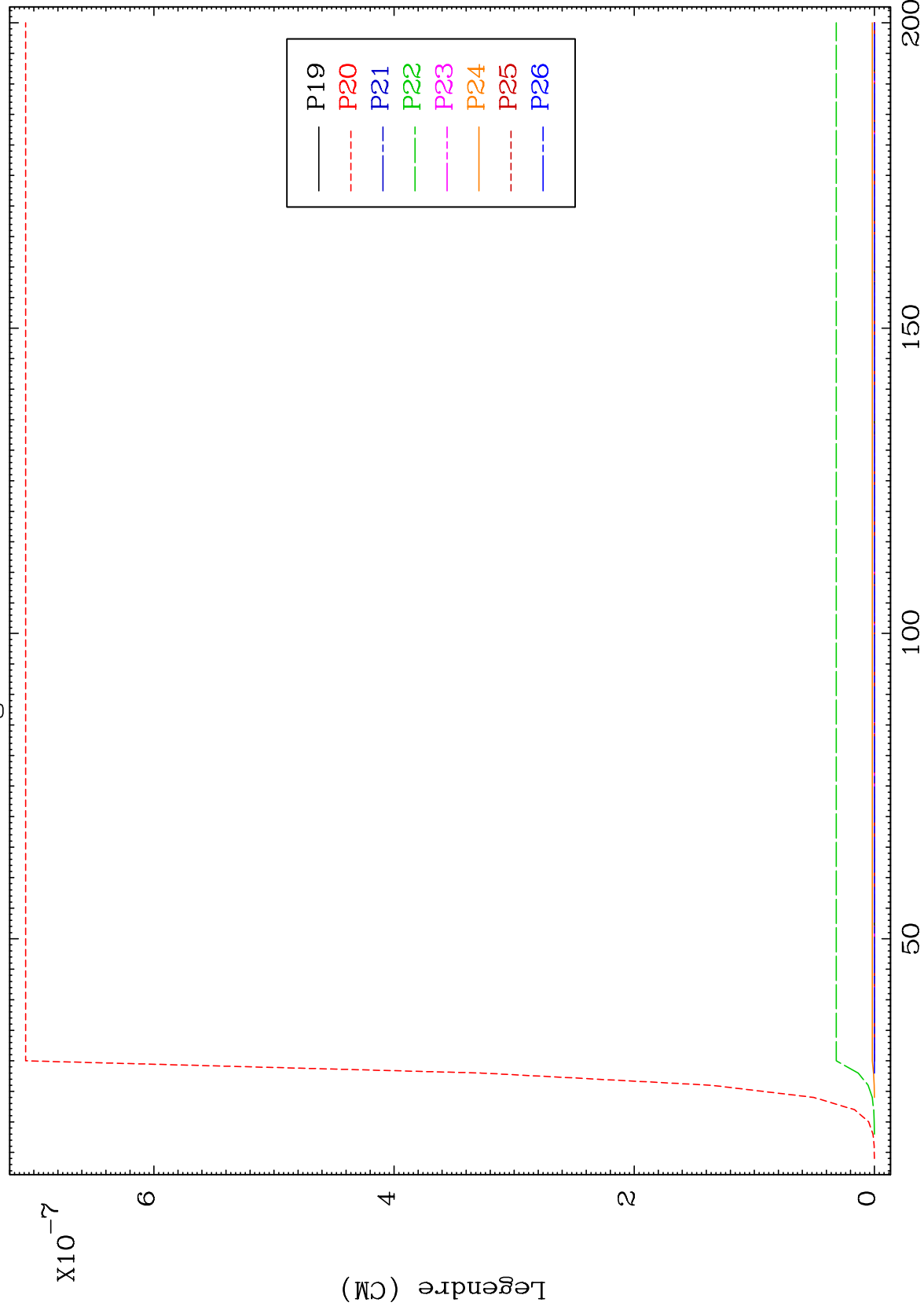
Incident Energy (MeV)

57-La-138

MAT 5725

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

57-La-138



57-La-138

Incident Energy (MeV)

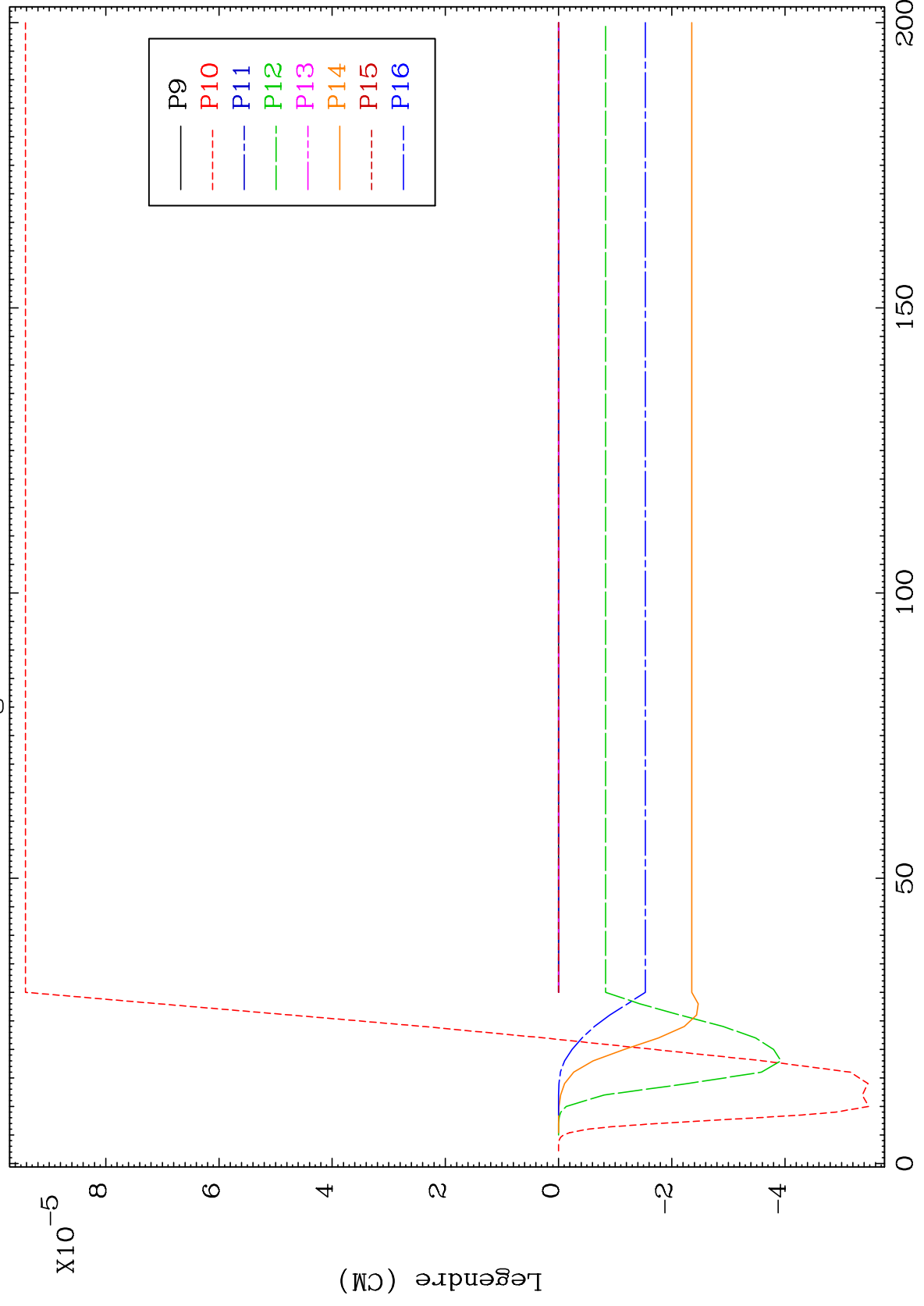
77



MAT 5725

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

57-La-138

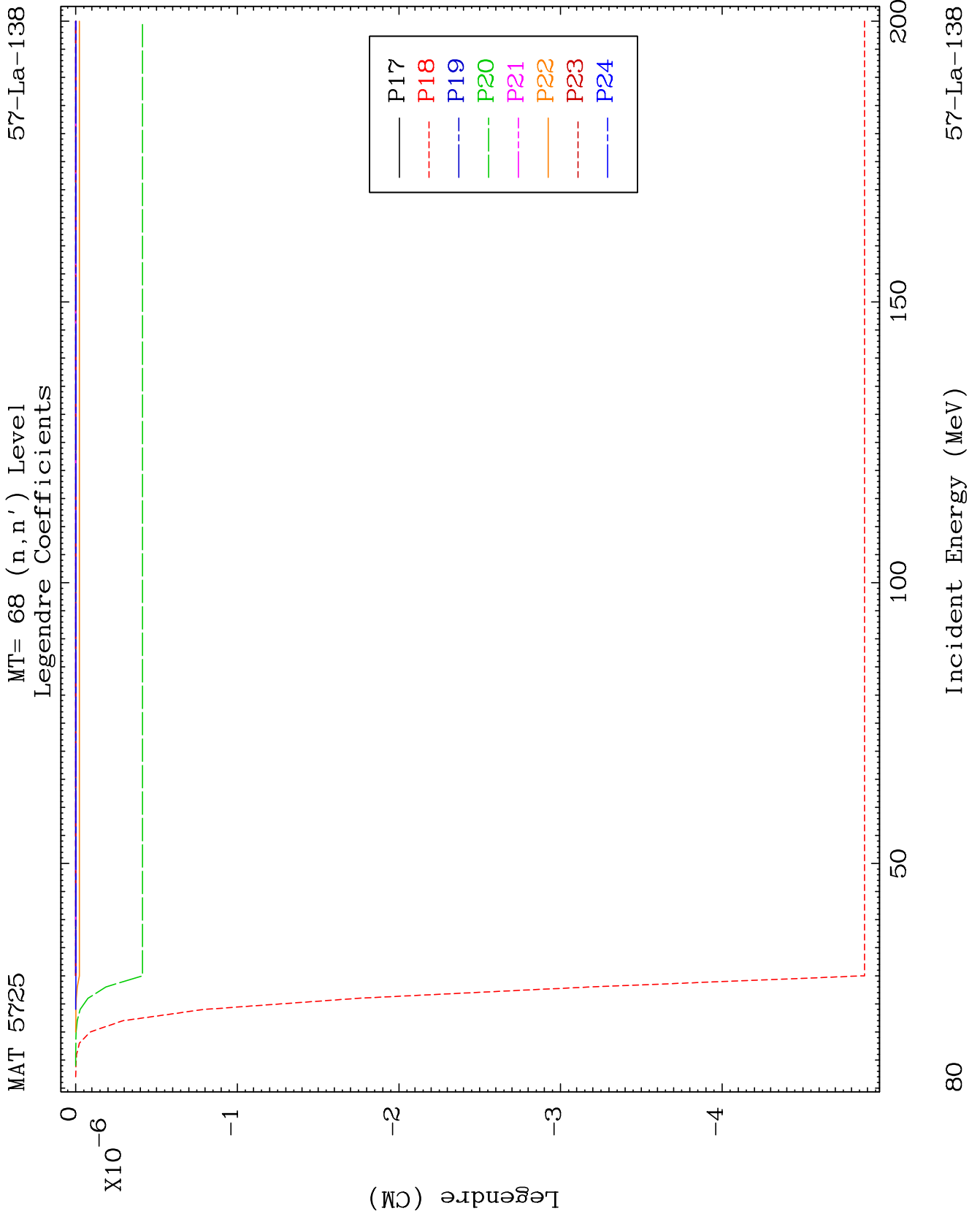


79

Incident Energy (MeV)

57-La-138



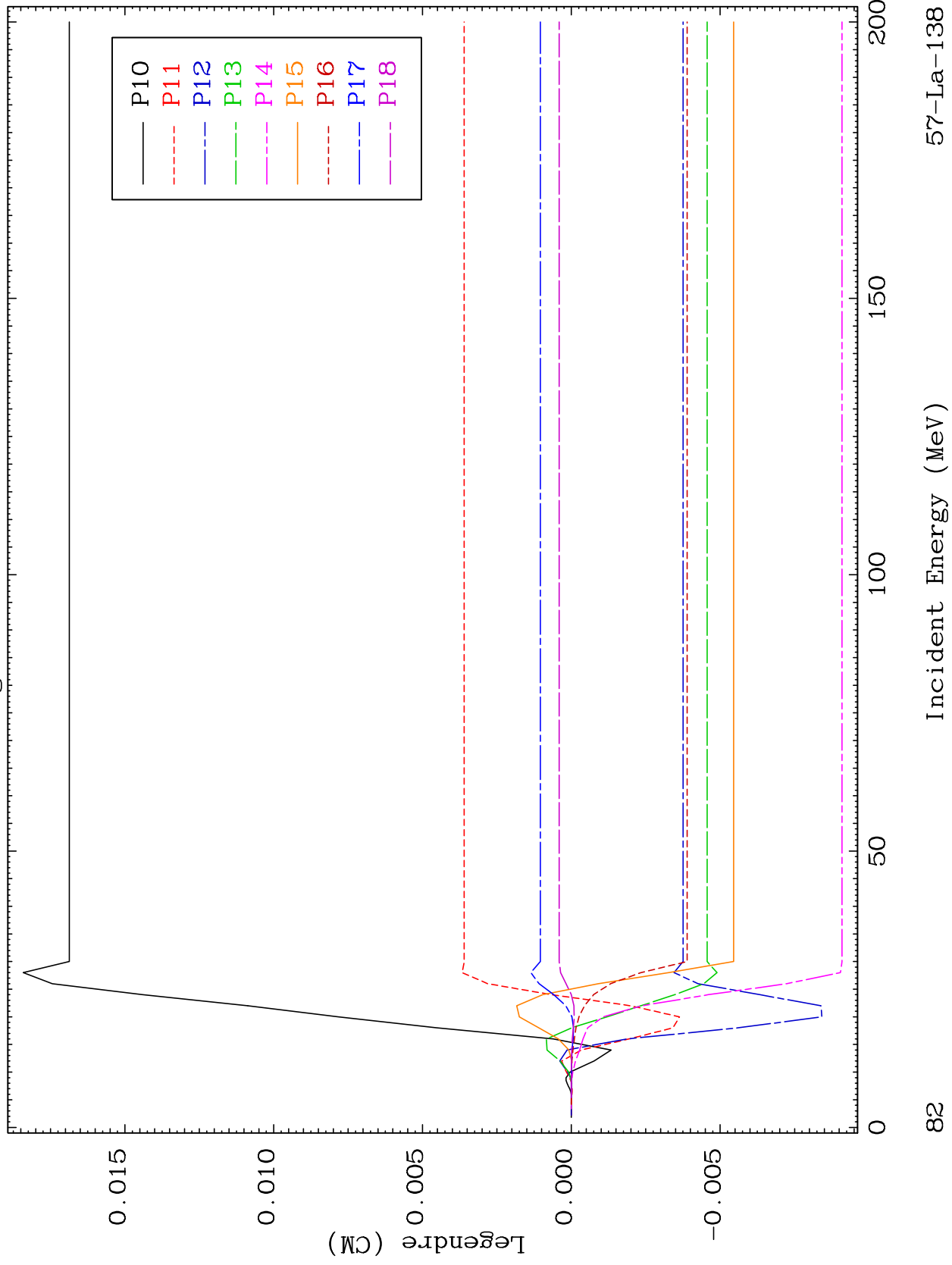




MAT 5725

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

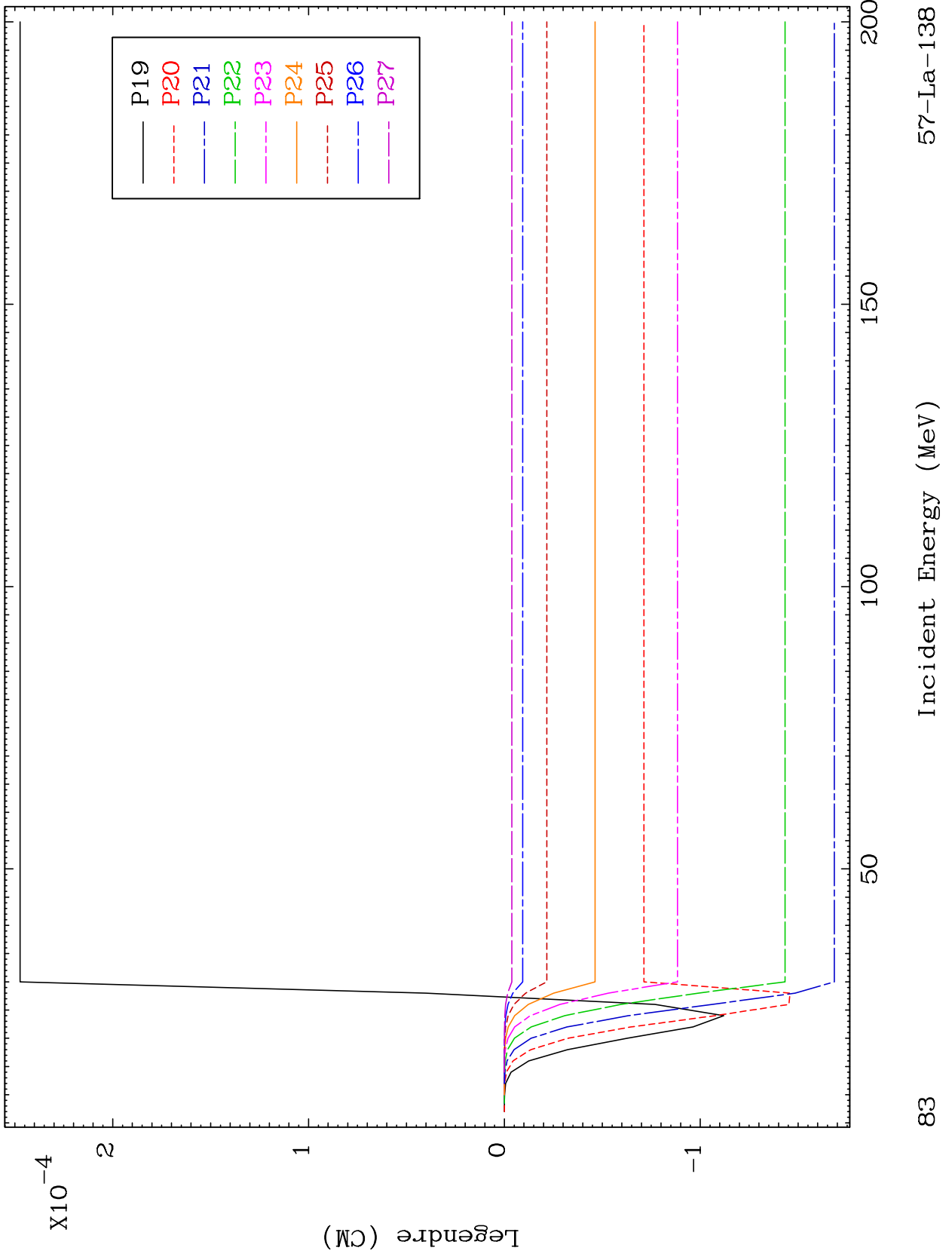
57-La-138

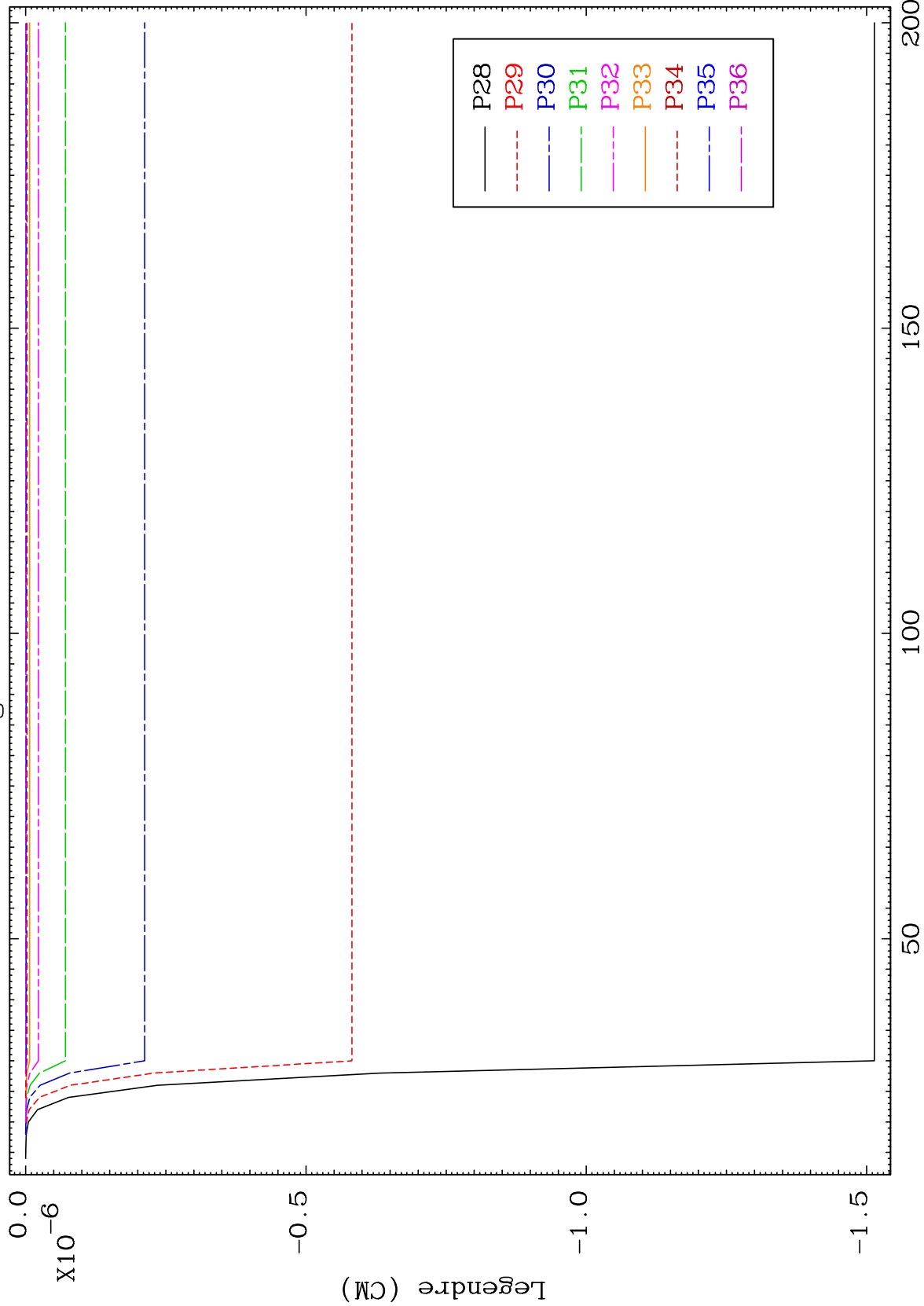


57-La-138

Incident Energy (MeV)

82

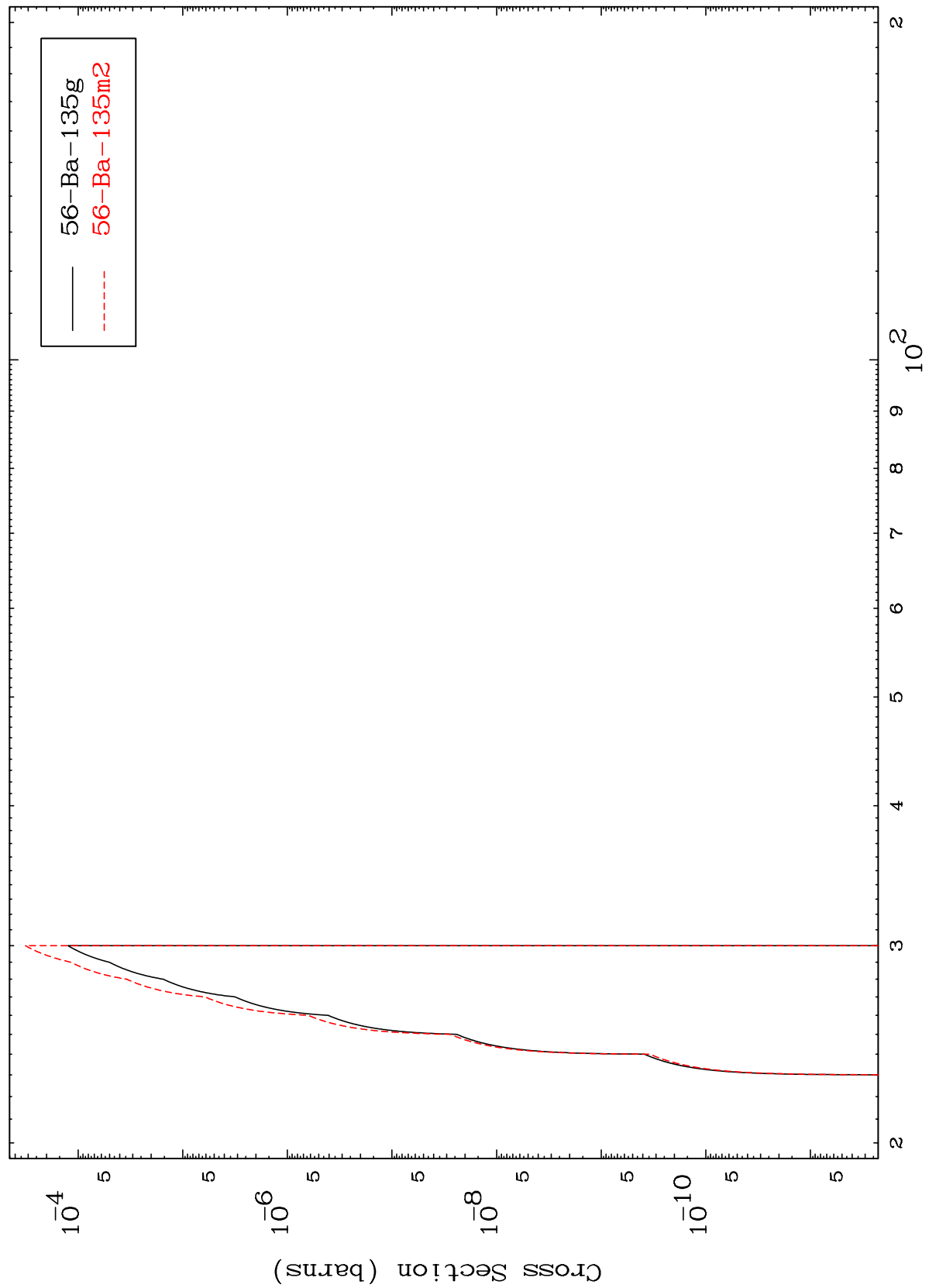




MAT 5725

57-La-138

(n,2n) d  
Radionuclide Production Cross Section



85

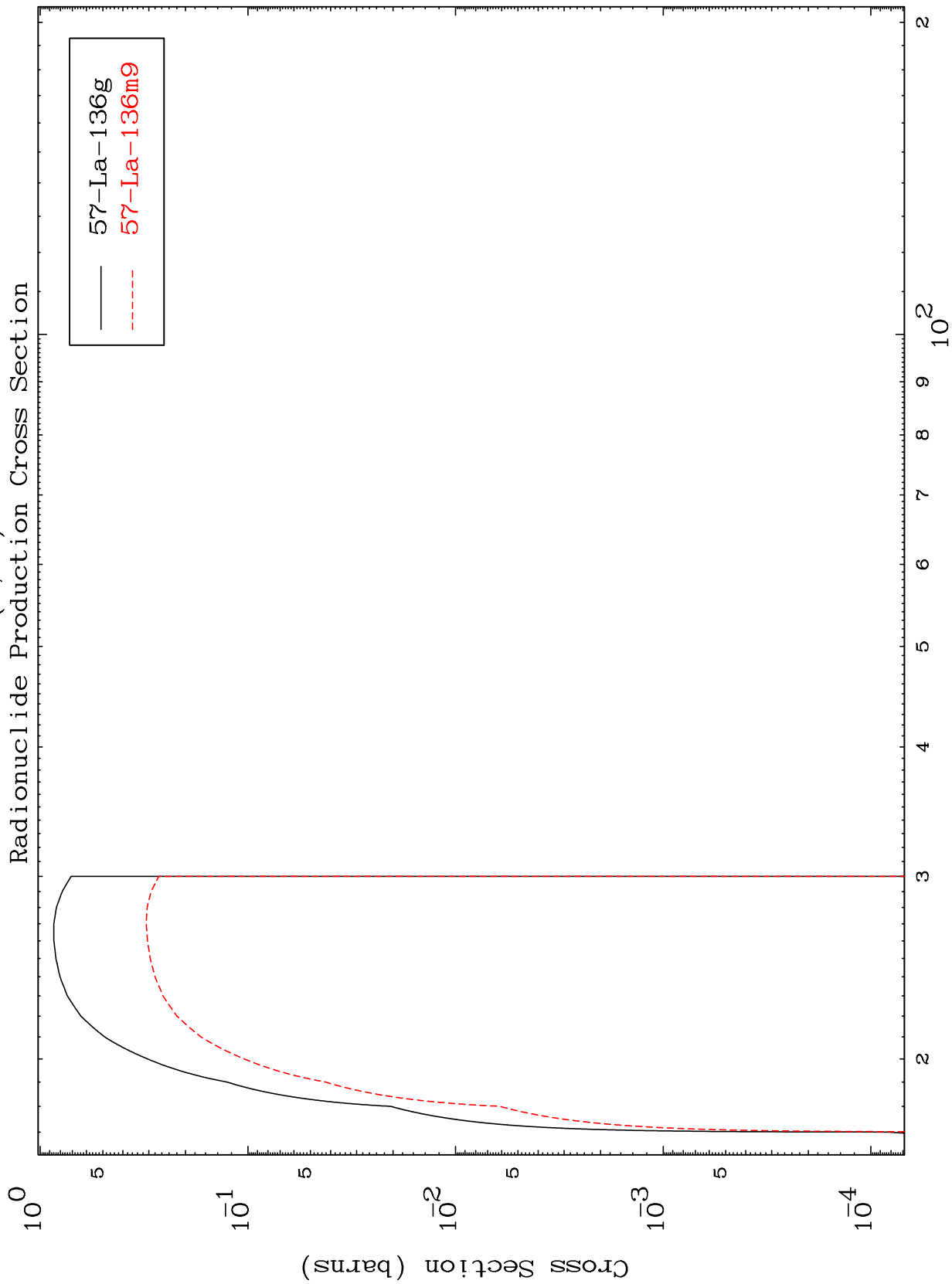
57-La-138

Incident Energy (MeV)

MAT 5725

57-La-138

(n,3n)  
Radionuclide Production Cross Section



86

Incident Energy (MeV)

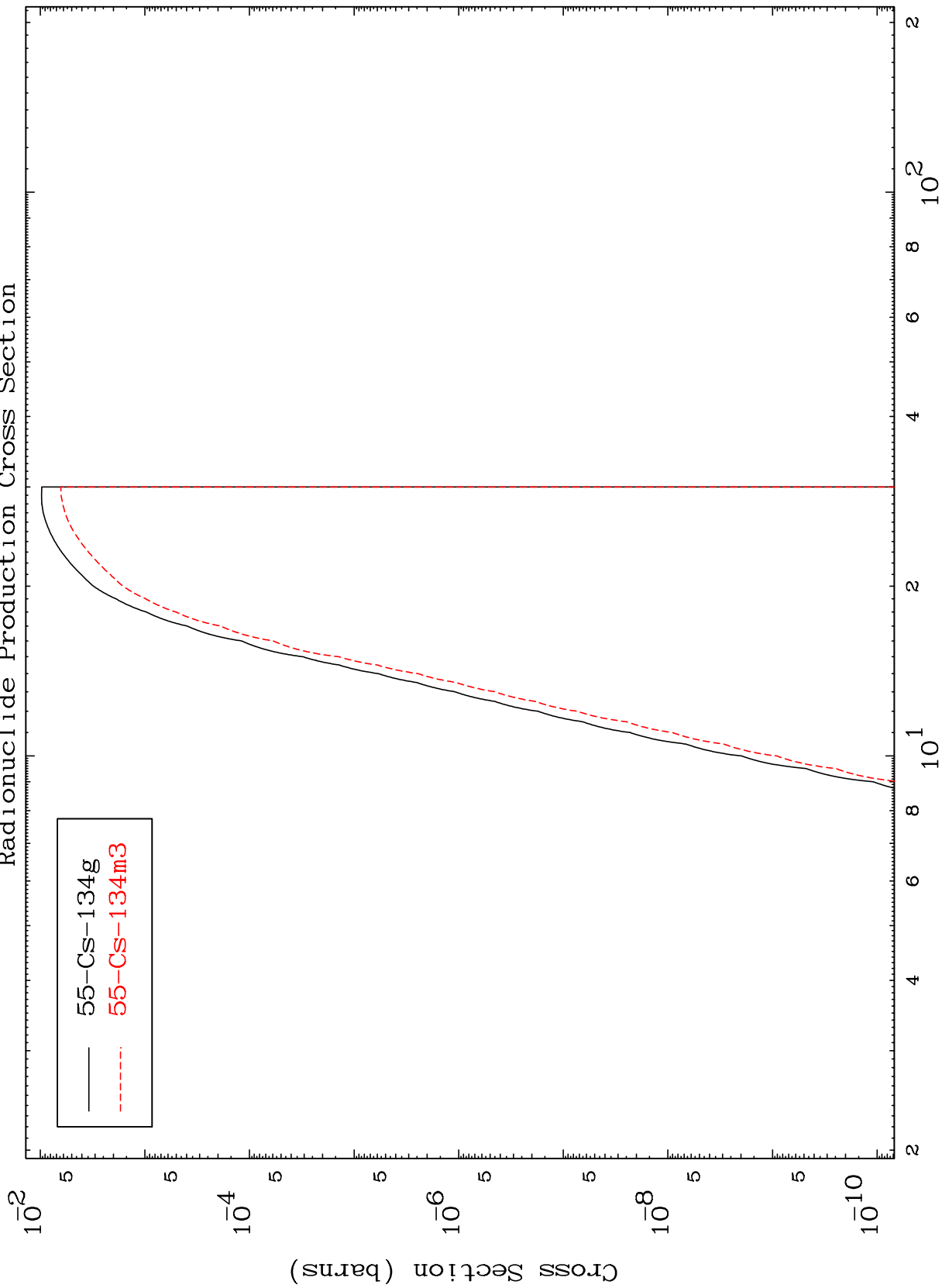
57-La-138

MAT 5725

(n,n')  $\alpha$

57-La-138

Radionuclide Production Cross Section



87

Incident Energy (MeV)

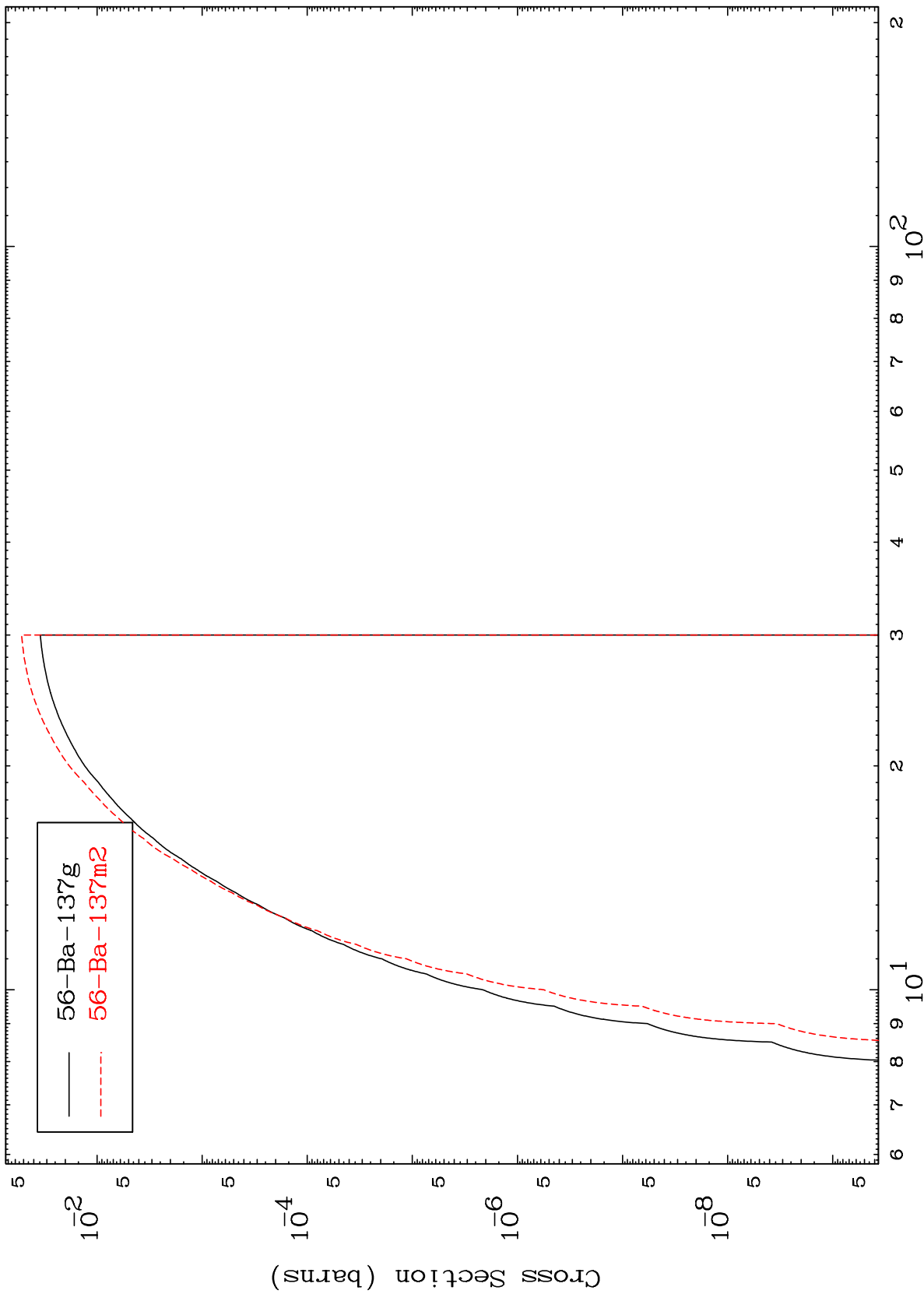
57-La-138



MAT 5725

57-La-138

(n,n') p  
Radionuclide Production Cross Section



57-La-138

Incident Energy (MeV)

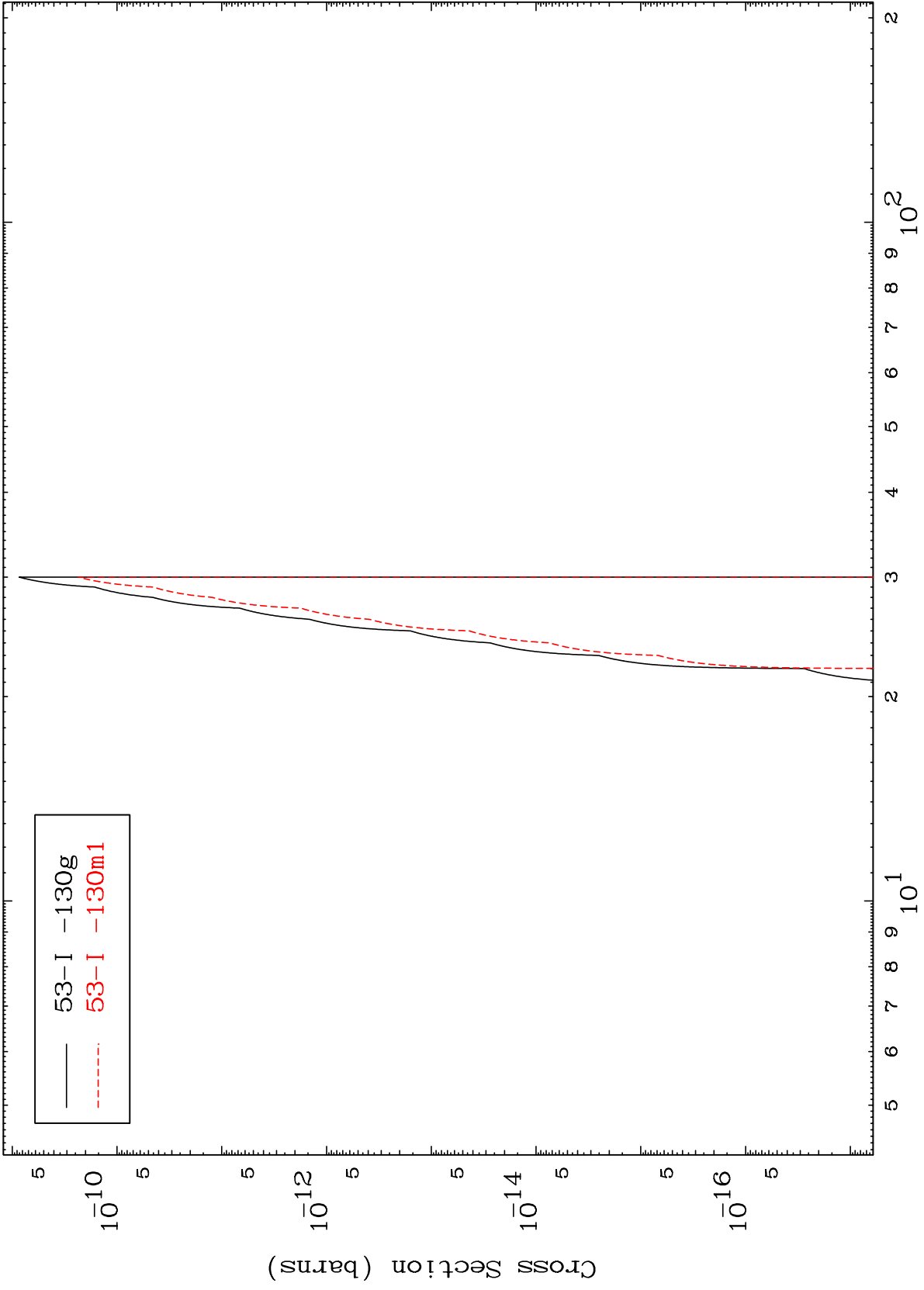
88

MAT 5725

(n,n') 2α

57-La-138

Radionuclide Production Cross Section



89

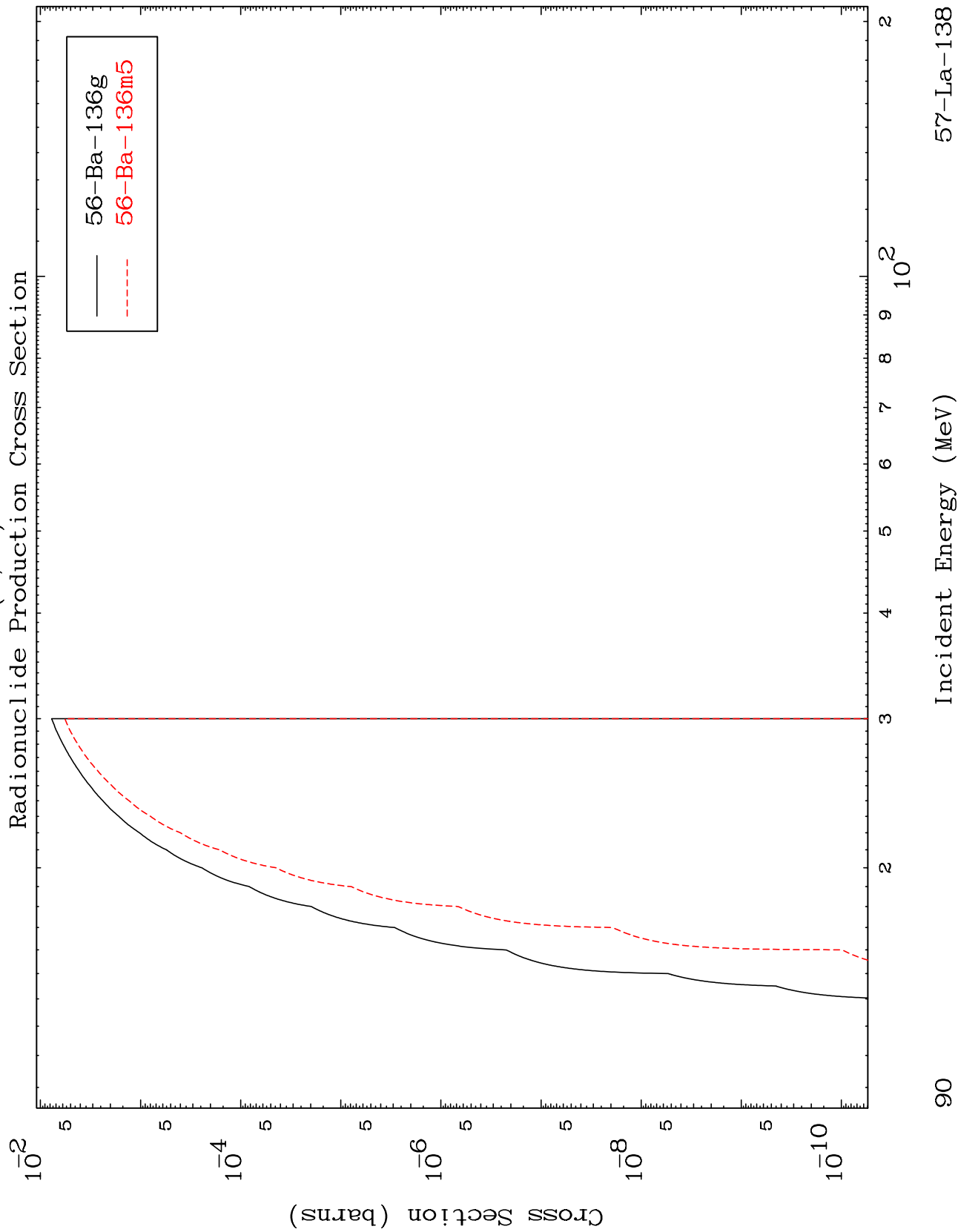
Incident Energy (MeV)

57-La-138

MAT 5725

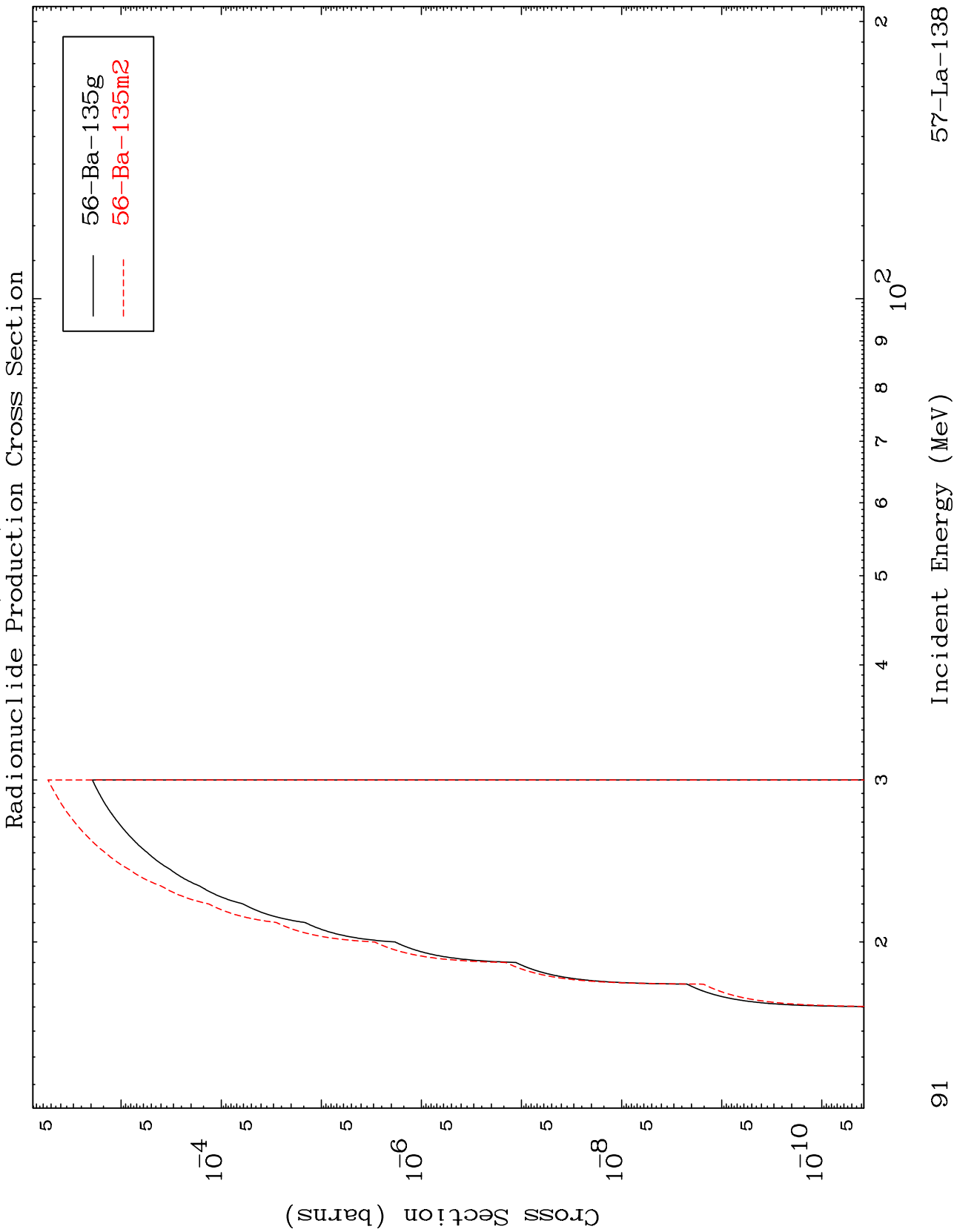
(n,n') d

57-La-138



90

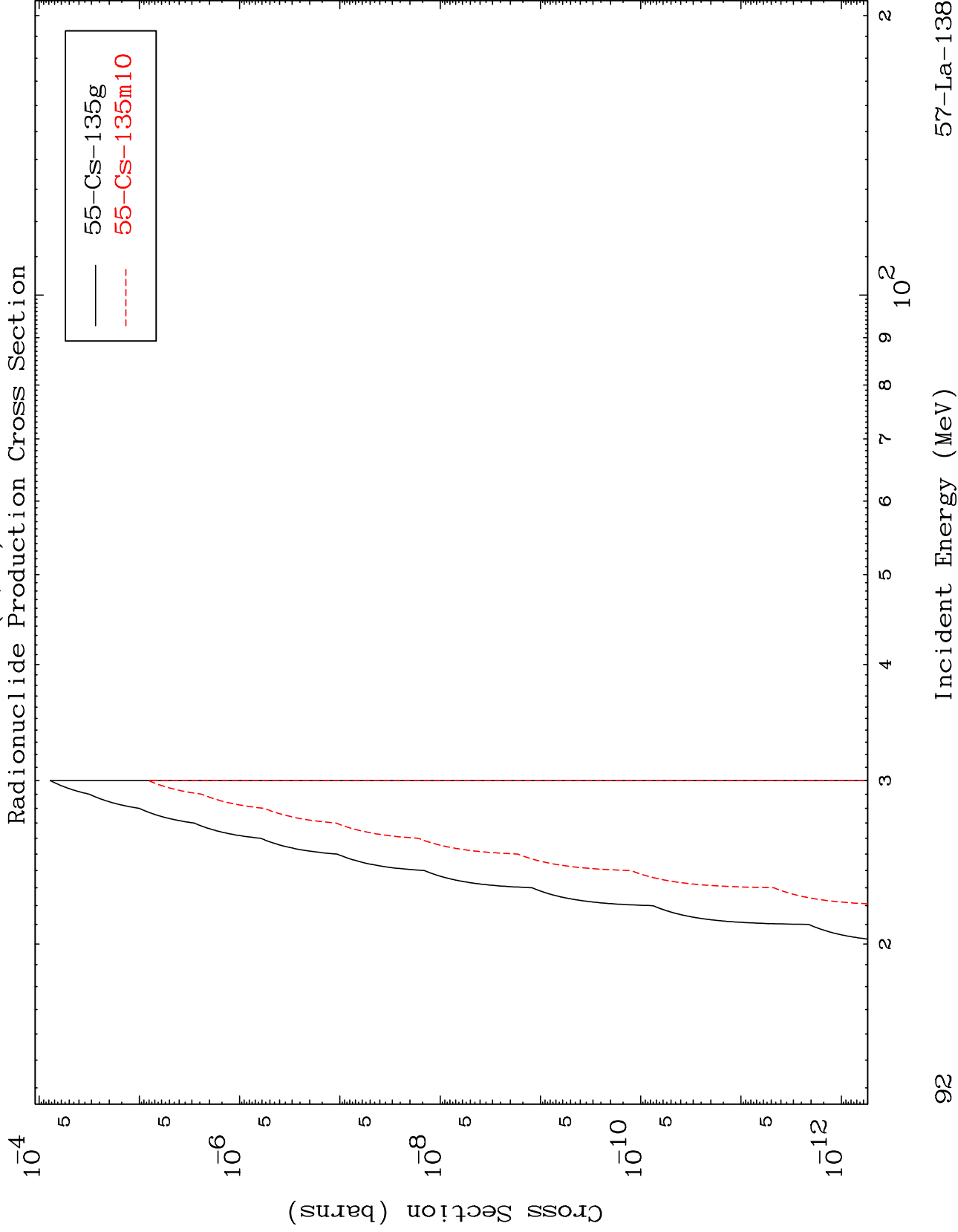
57-La-138



MAT 5725

(n,n') He-3

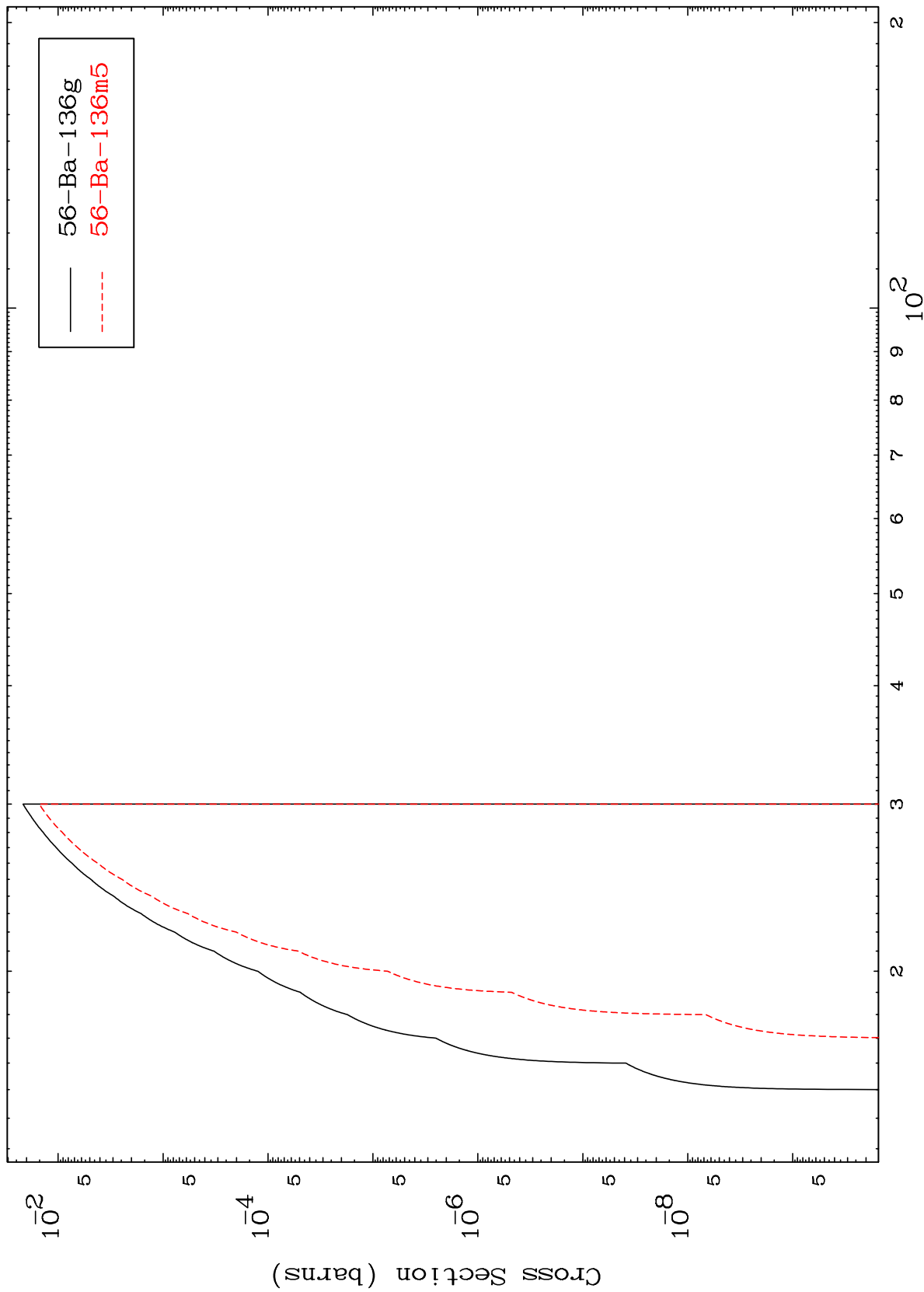
57-La-138



92

57-La-138

Radionuclide Production Cross Section

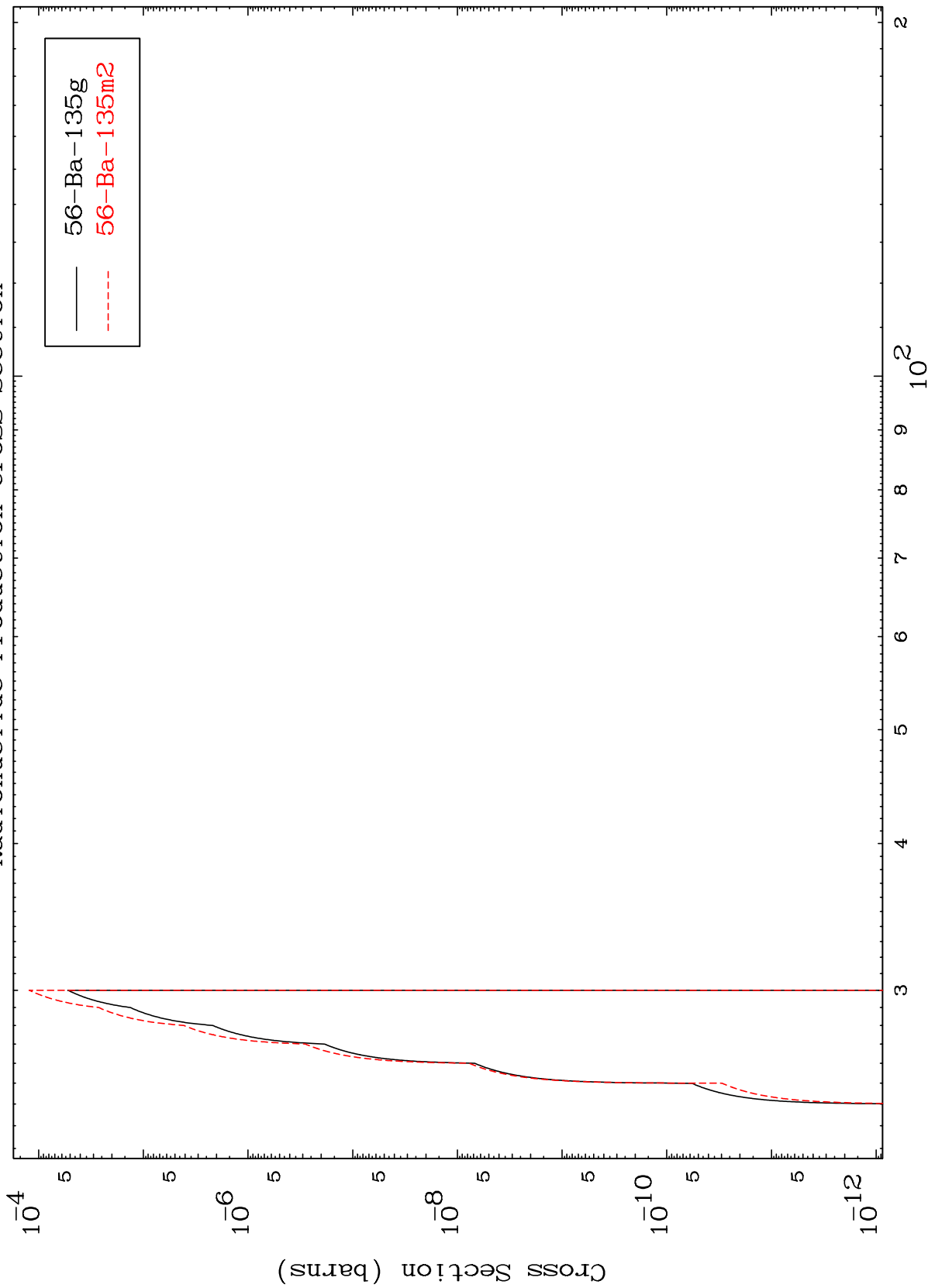


MAT 5725

(n,3n) p

57-La-138

Radionuclide Production Cross Section



94

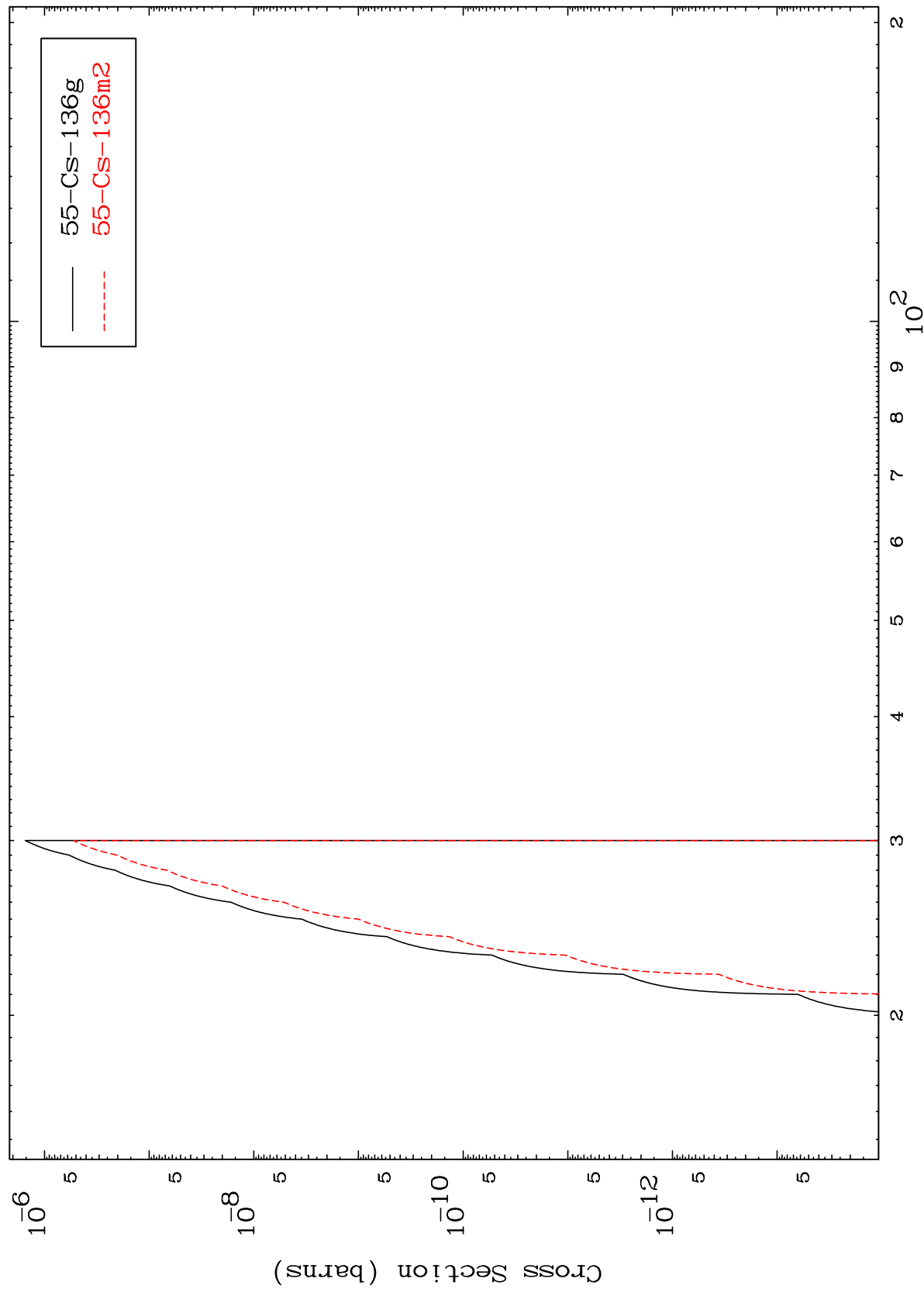
Incident Energy (MeV)

57-La-138

MAT 5725

57-La-138

(n,2n) p  
Radionuclide Production Cross Section



55-Cs-136g  
55-Cs-136m2

95

57-La-138

Incident Energy (MeV)

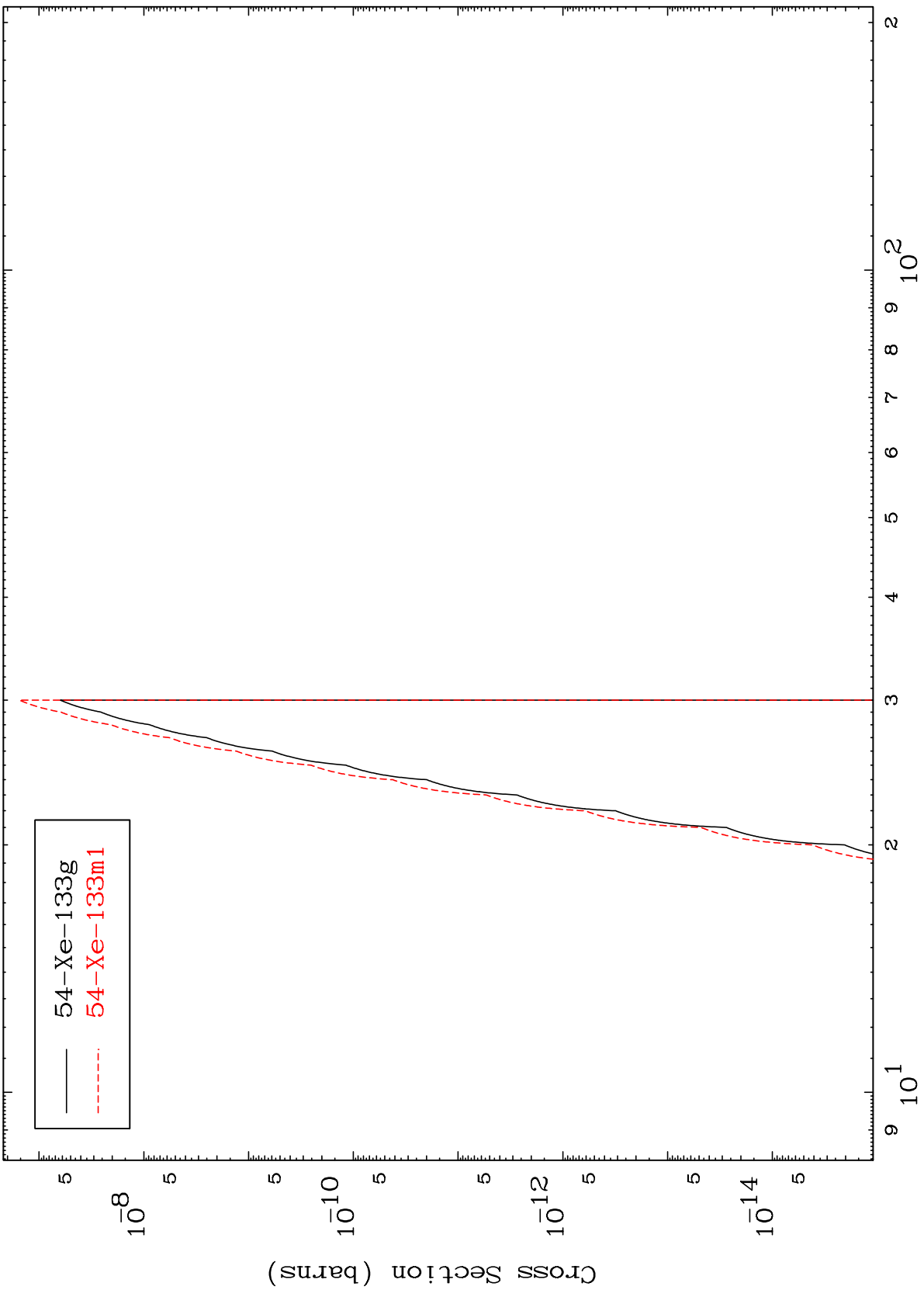


MAT 5725

(n,n') p  $\alpha$

57-La-138

Radionuclide Production Cross Section



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

96

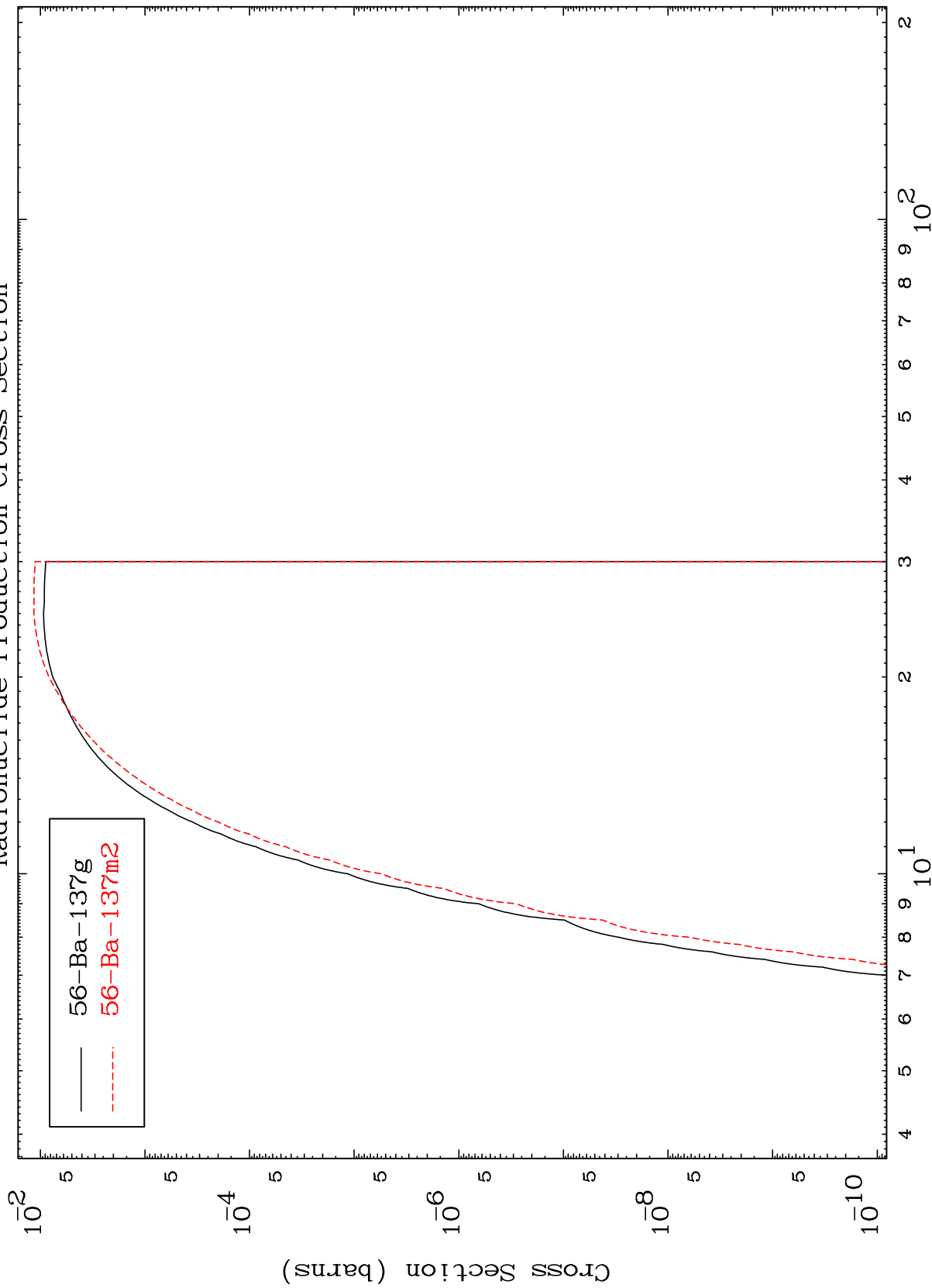
Incident Energy (MeV)

57-La-138

MAT 5725

57-La-138

(n,d)  
Radionuclide Production Cross Section



56-Ba-137g  
56-Ba-137m2

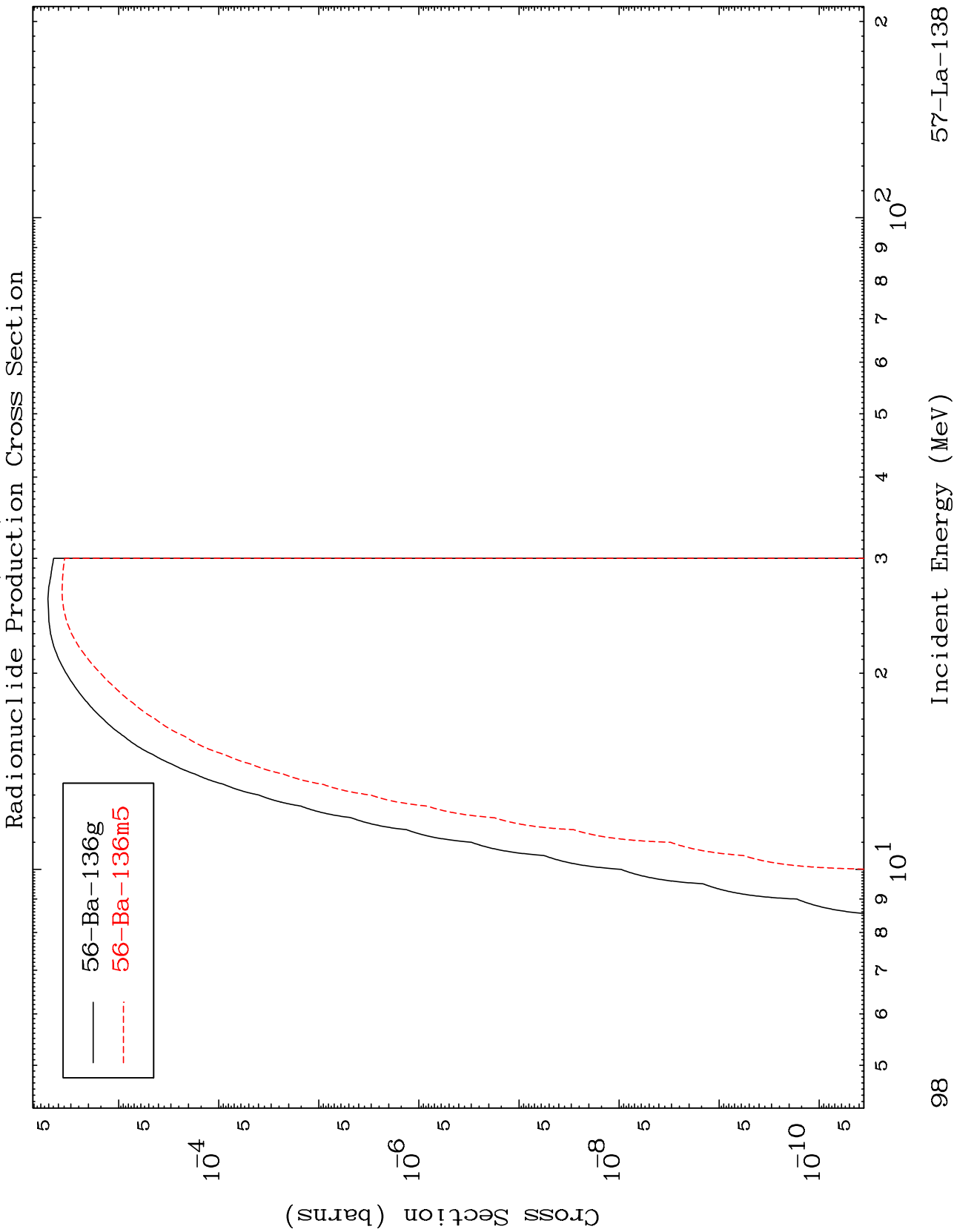
57-La-138

Incident Energy (MeV)

97

MAT 5725

57-La-138



98

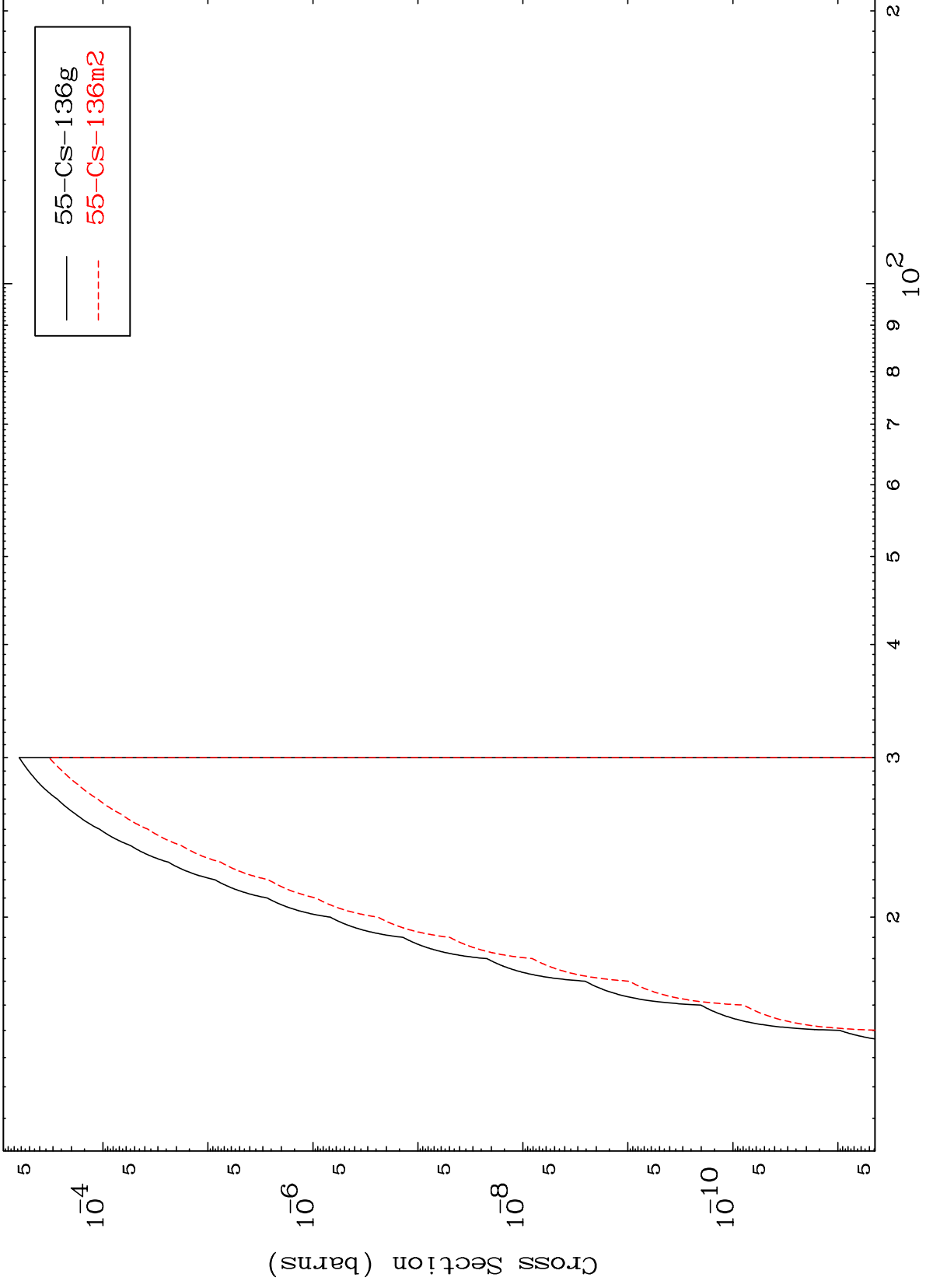
57-La-138

MAT 5725

(n,He-3)

57-La-138

Radionuclide Production Cross Section



99

Incident Energy (MeV)

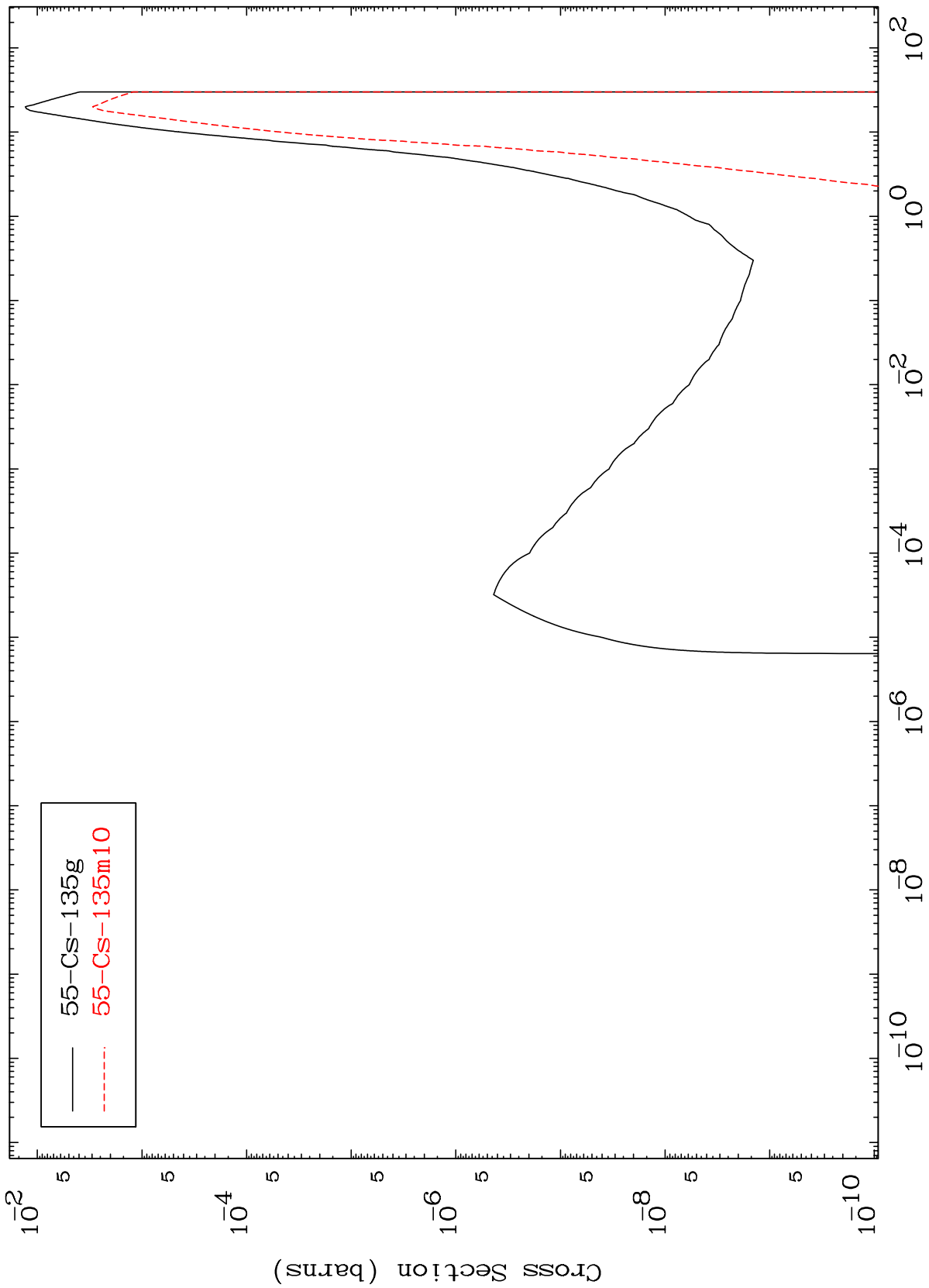
57-La-138

MAT 5725

(n,  $\alpha$ )

57-La-138

Radionuclide Production Cross Section



100

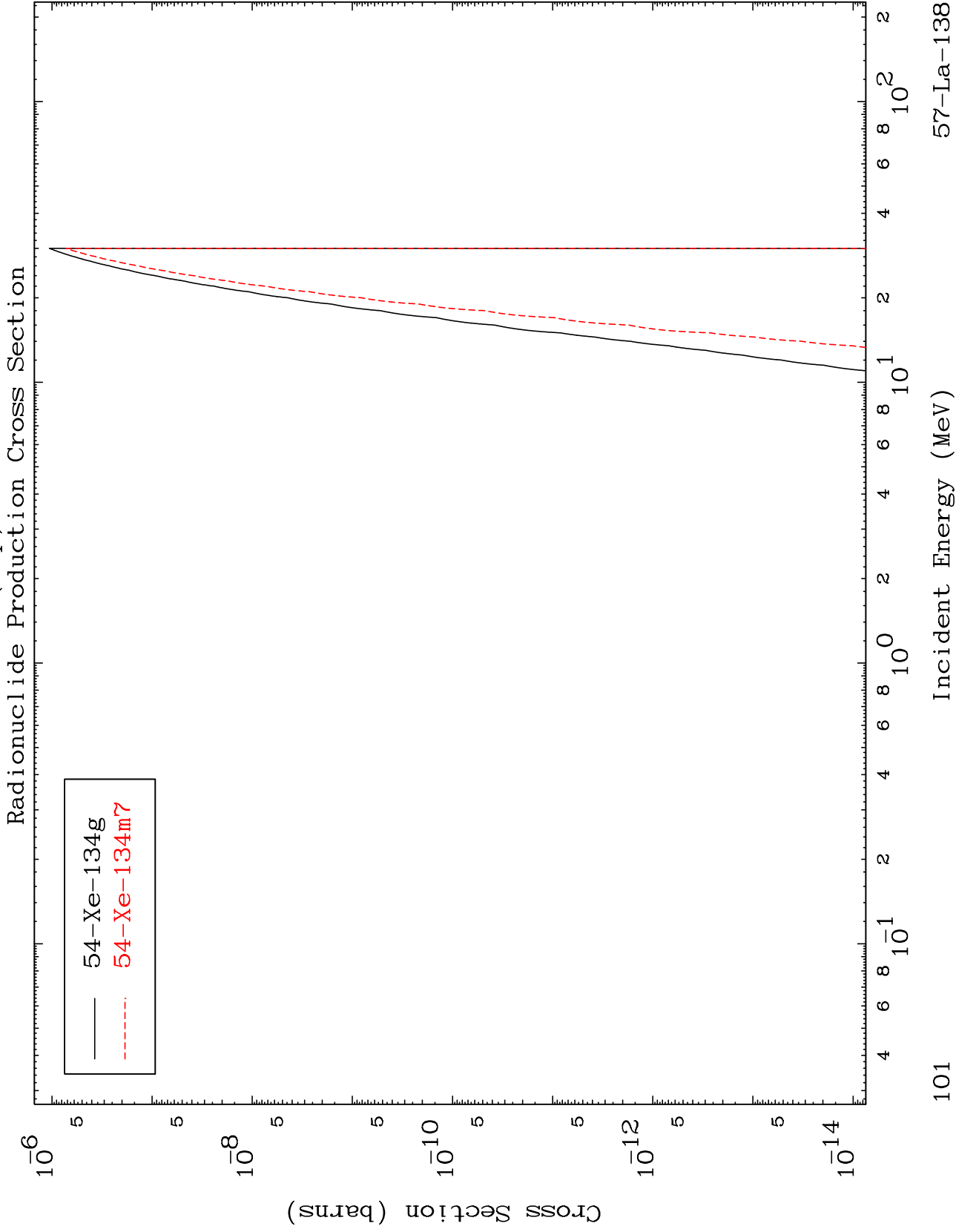
Incident Energy (MeV)

57-La-138

MAT 5725

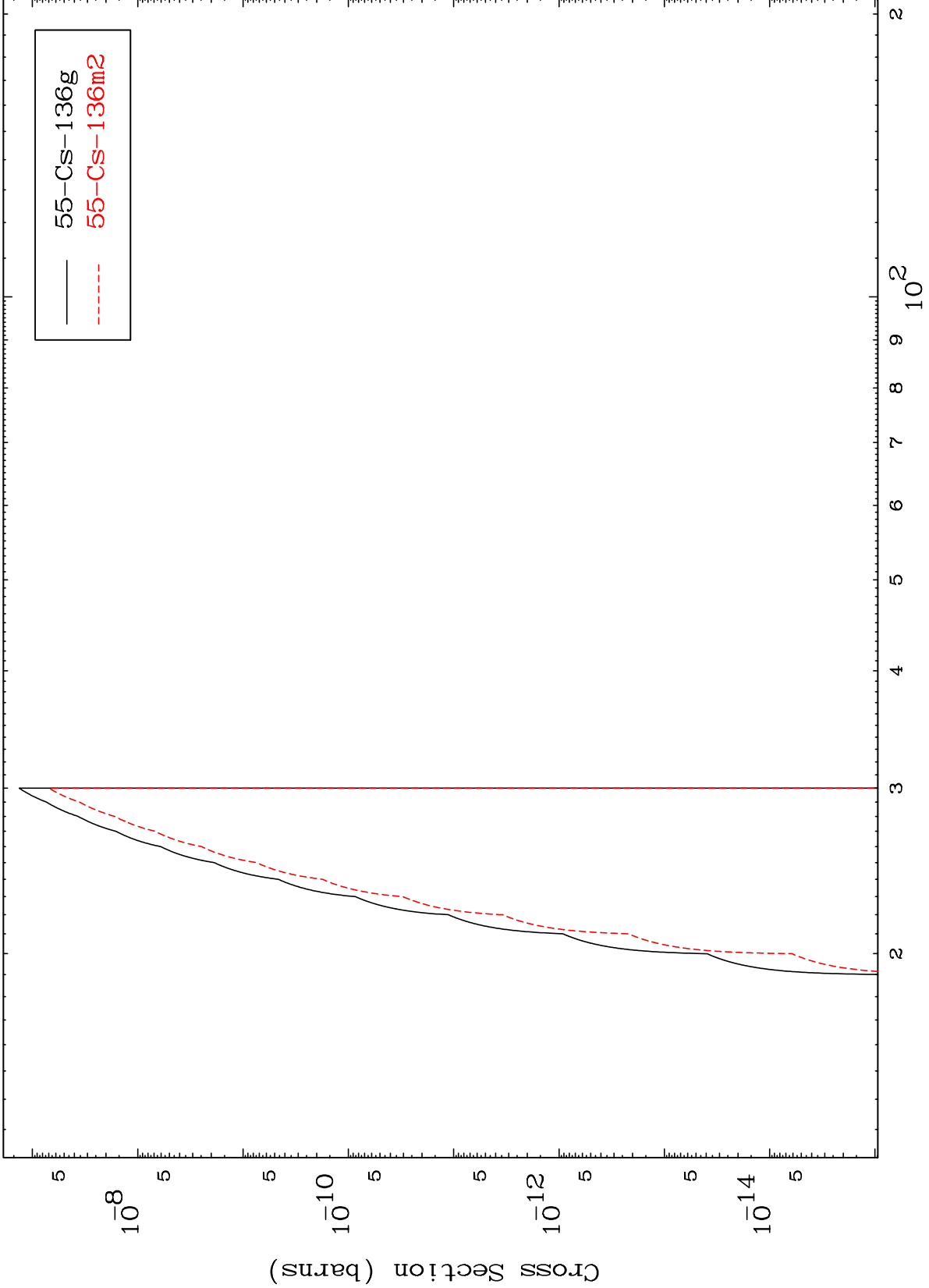
(n,p)  $\alpha$

57-La-138



101

Radionuclide Production Cross Section



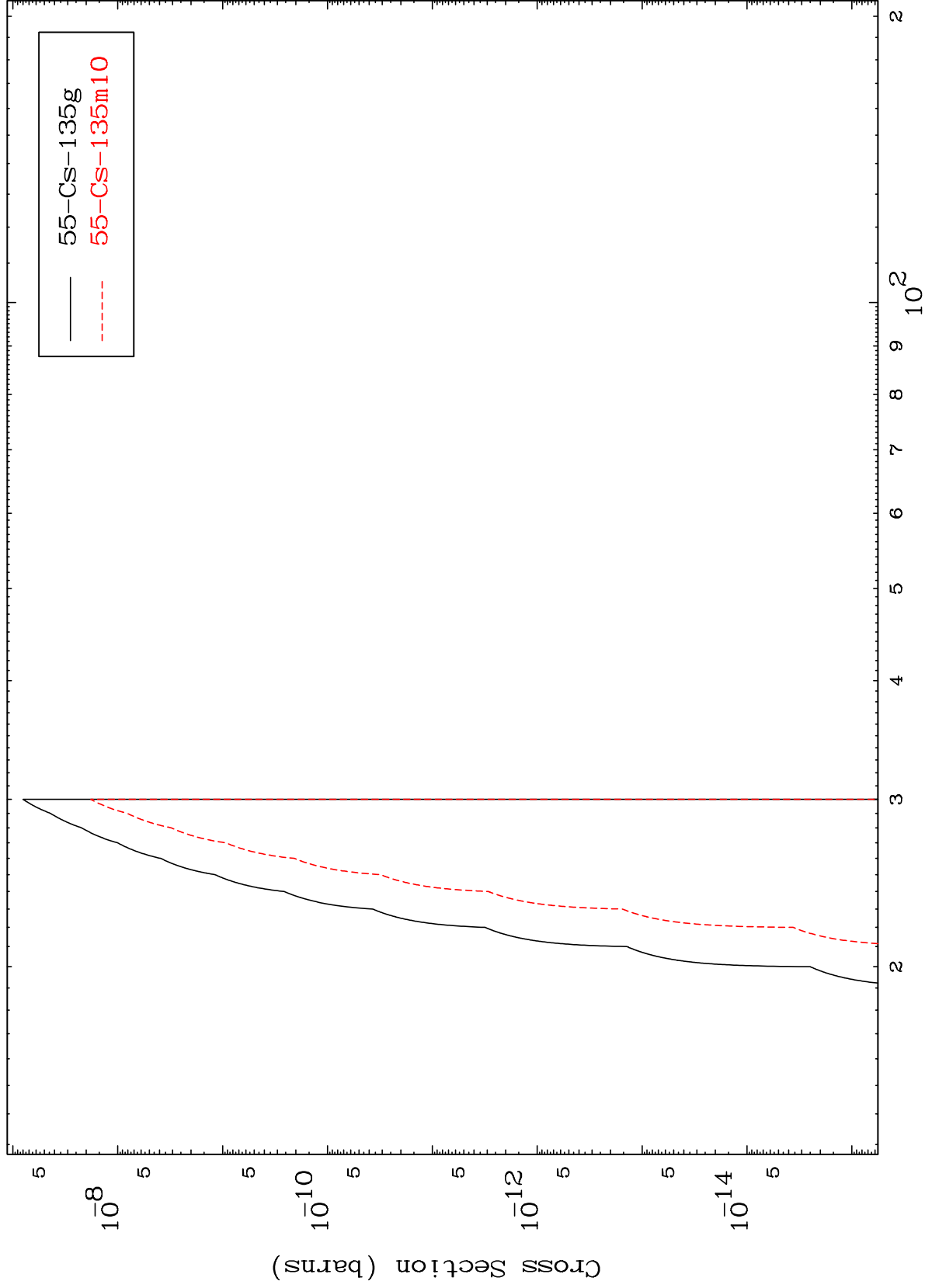
55-Cs-136g  
55-Cs-136m2

MAT 5725

(n,p) t

57-La-138

Radionuclide Production Cross Section



103

Incident Energy (MeV)

57-La-138

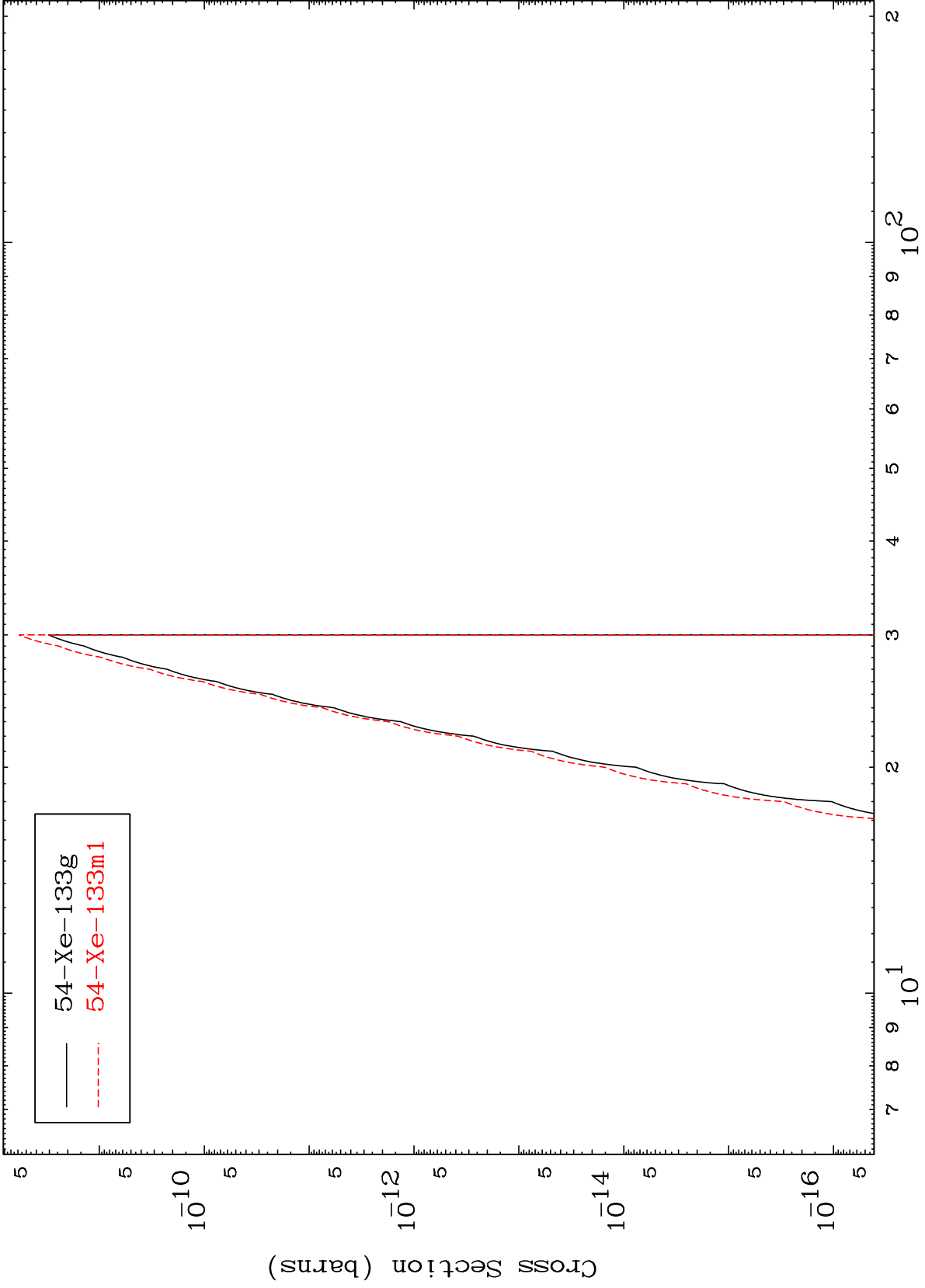


MAT 5725

(n,d)  $\alpha$

57-La-138

Radionuclide Production Cross Section



104

Incident Energy (MeV)

57-La-138