

Program EVALPLOT
(Version 2018-1)

by

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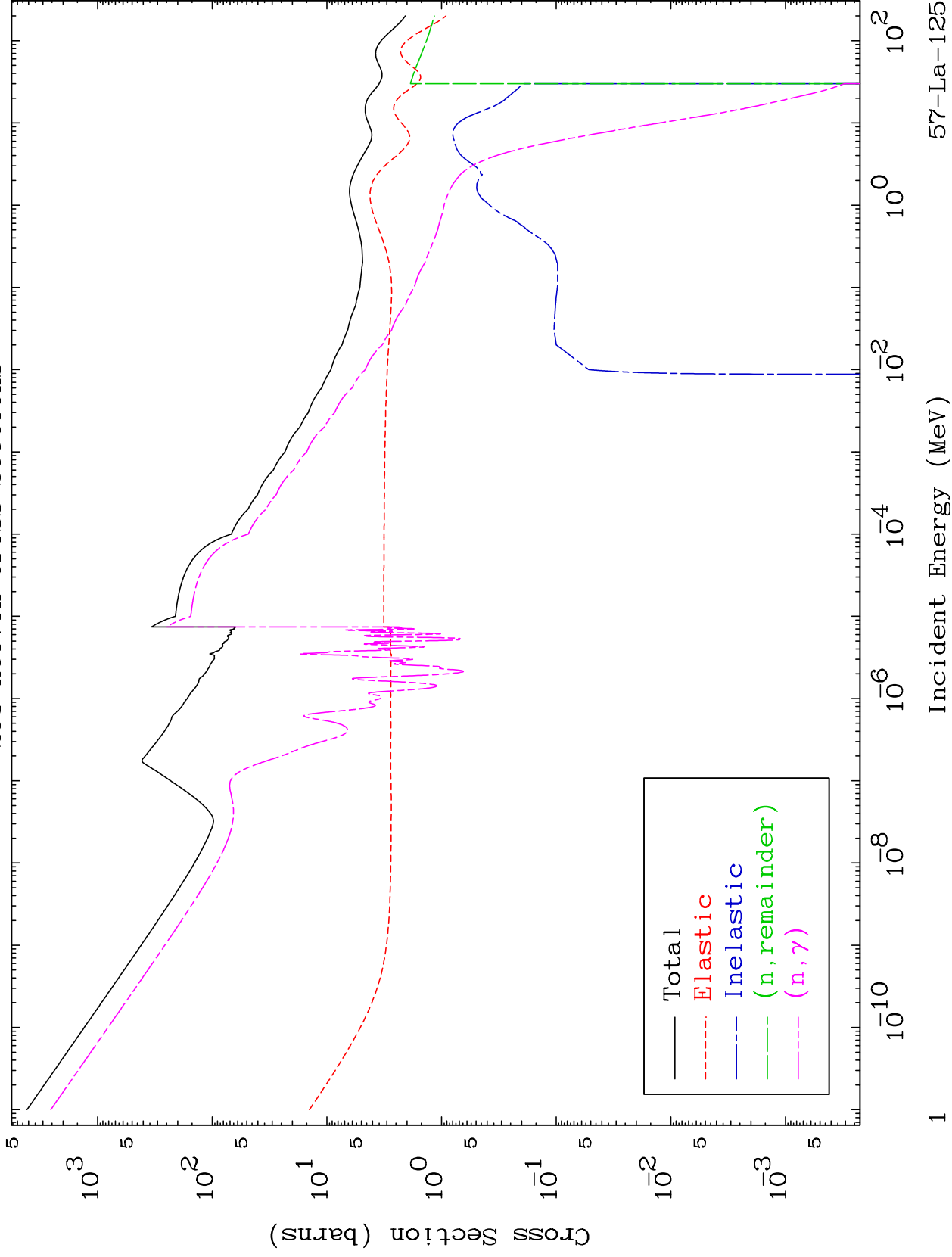
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5686

Major
293 Kelvin Cross Sections

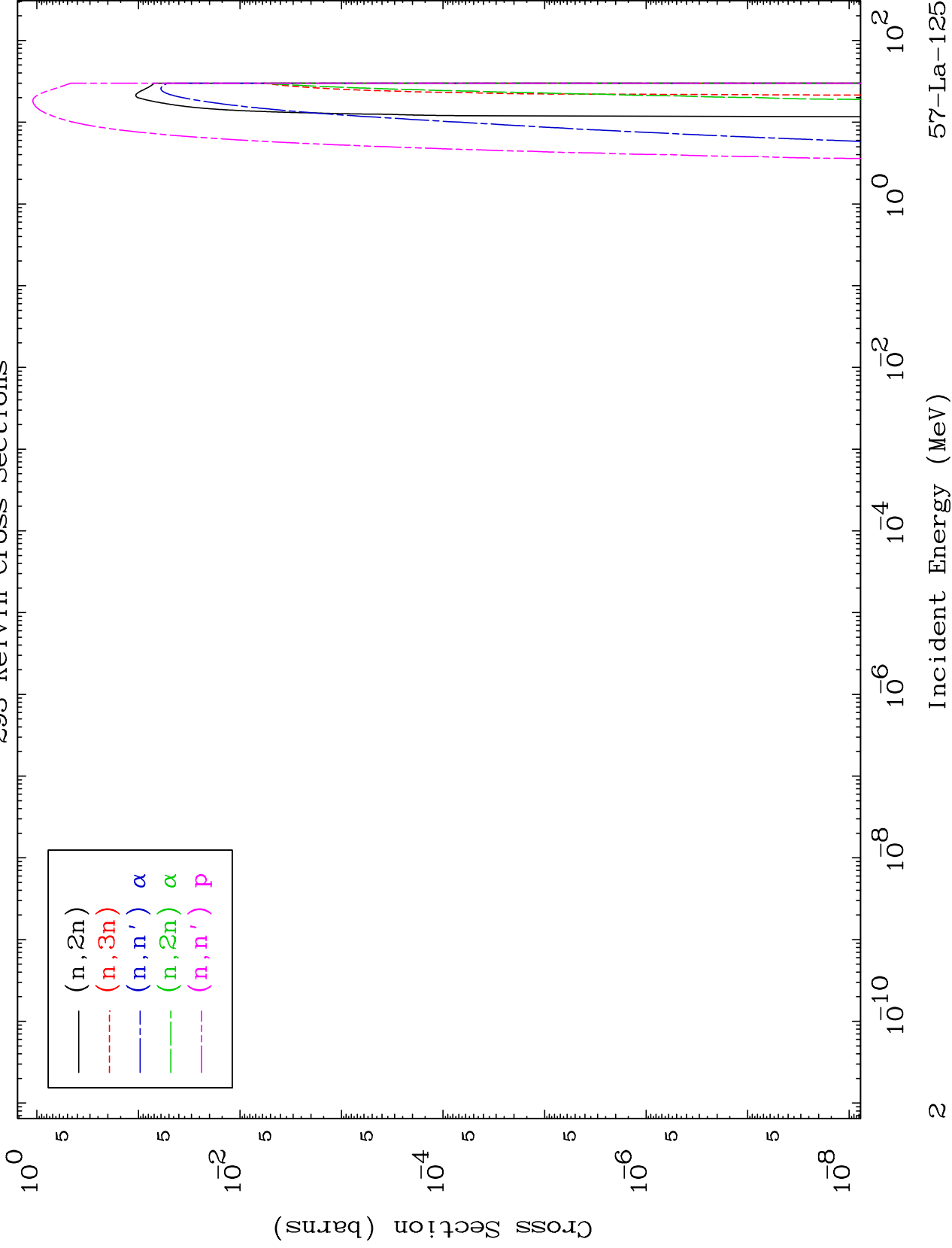
57-La-125



MAT 5686

Neutron Production
293 Kelvin Cross Sections

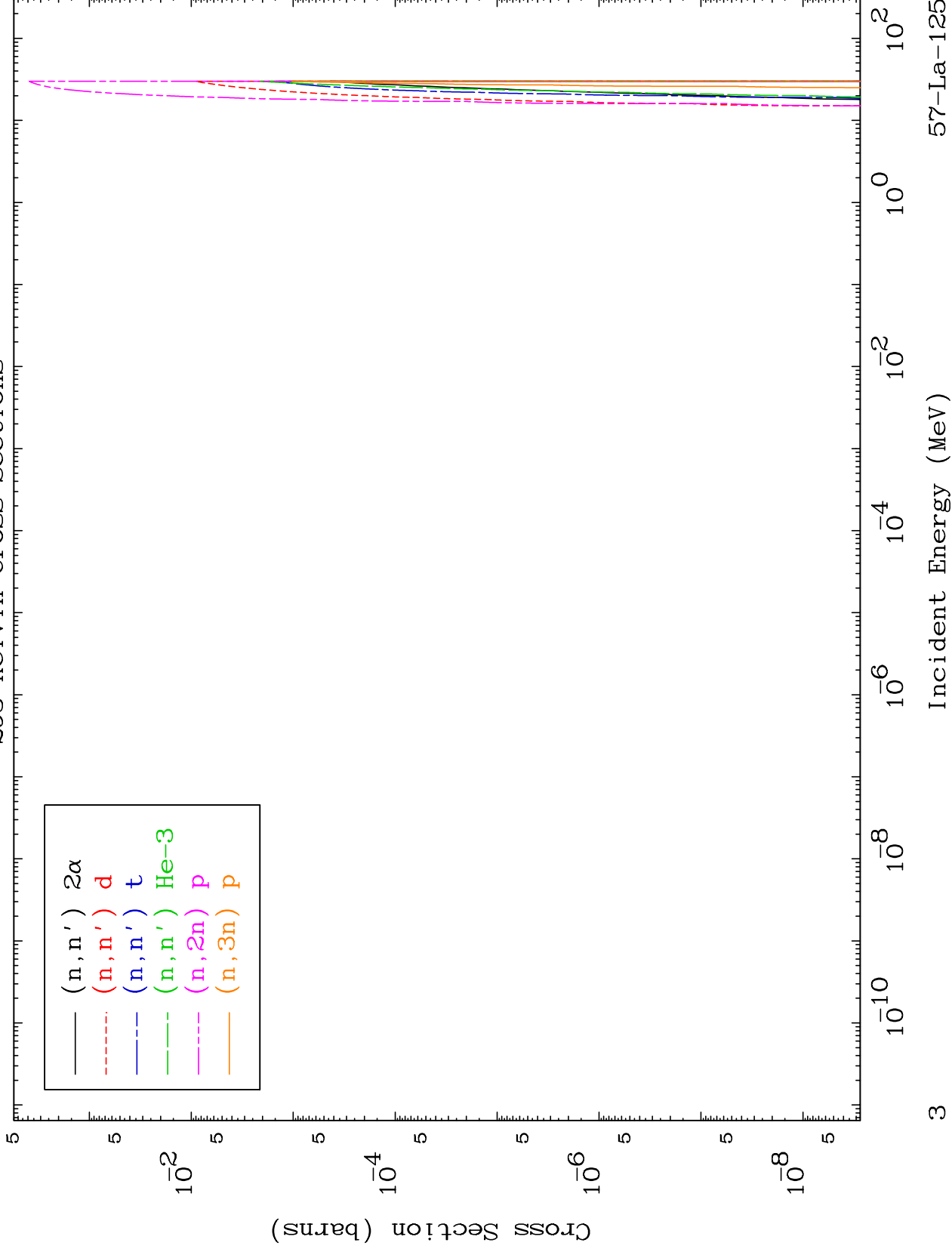
57-La-125



MAT 5686

Neutron Production
293 Kelvin Cross Sections

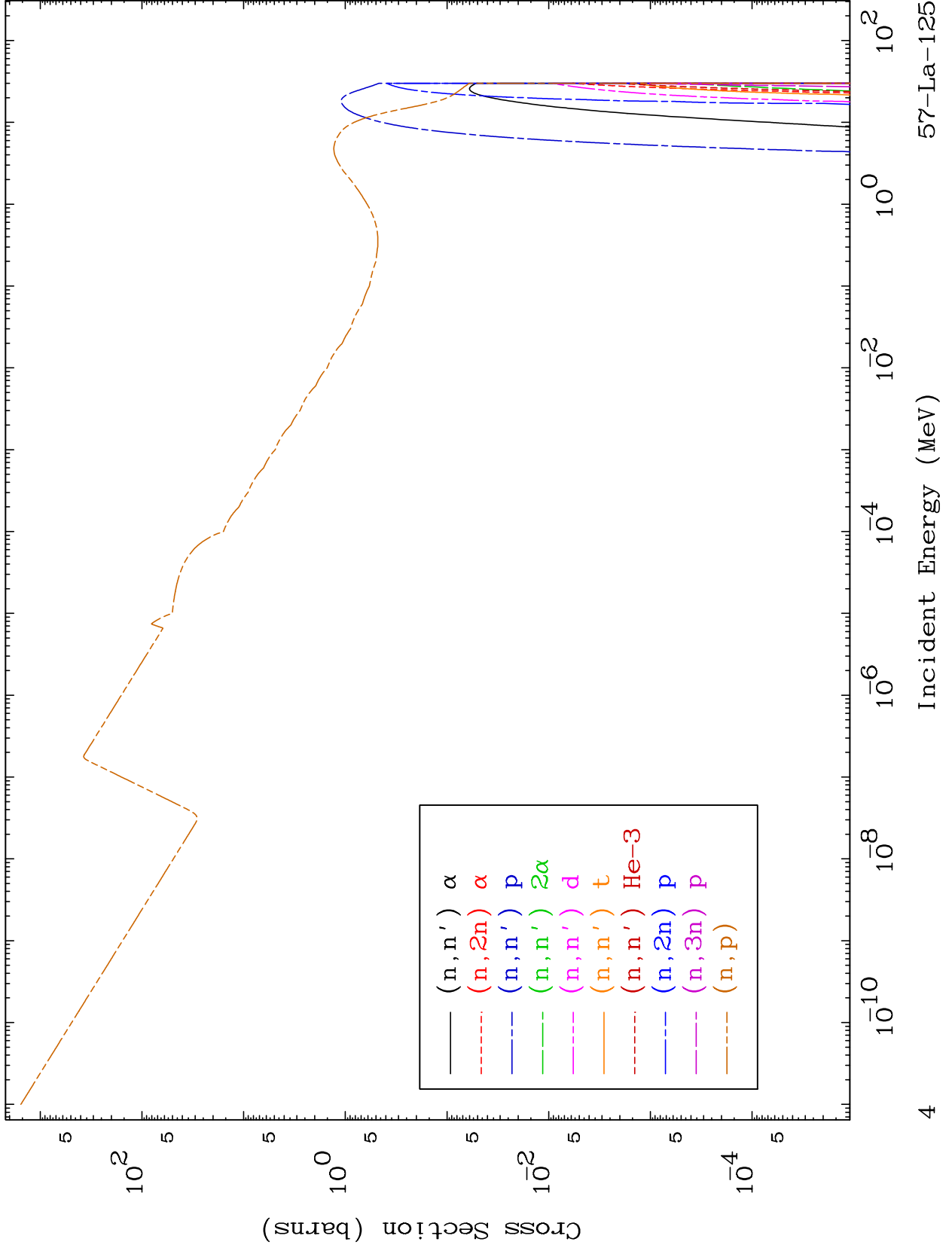
57-La-125



MAT 5686

Charged Particle
293 Kelvin Cross Sections

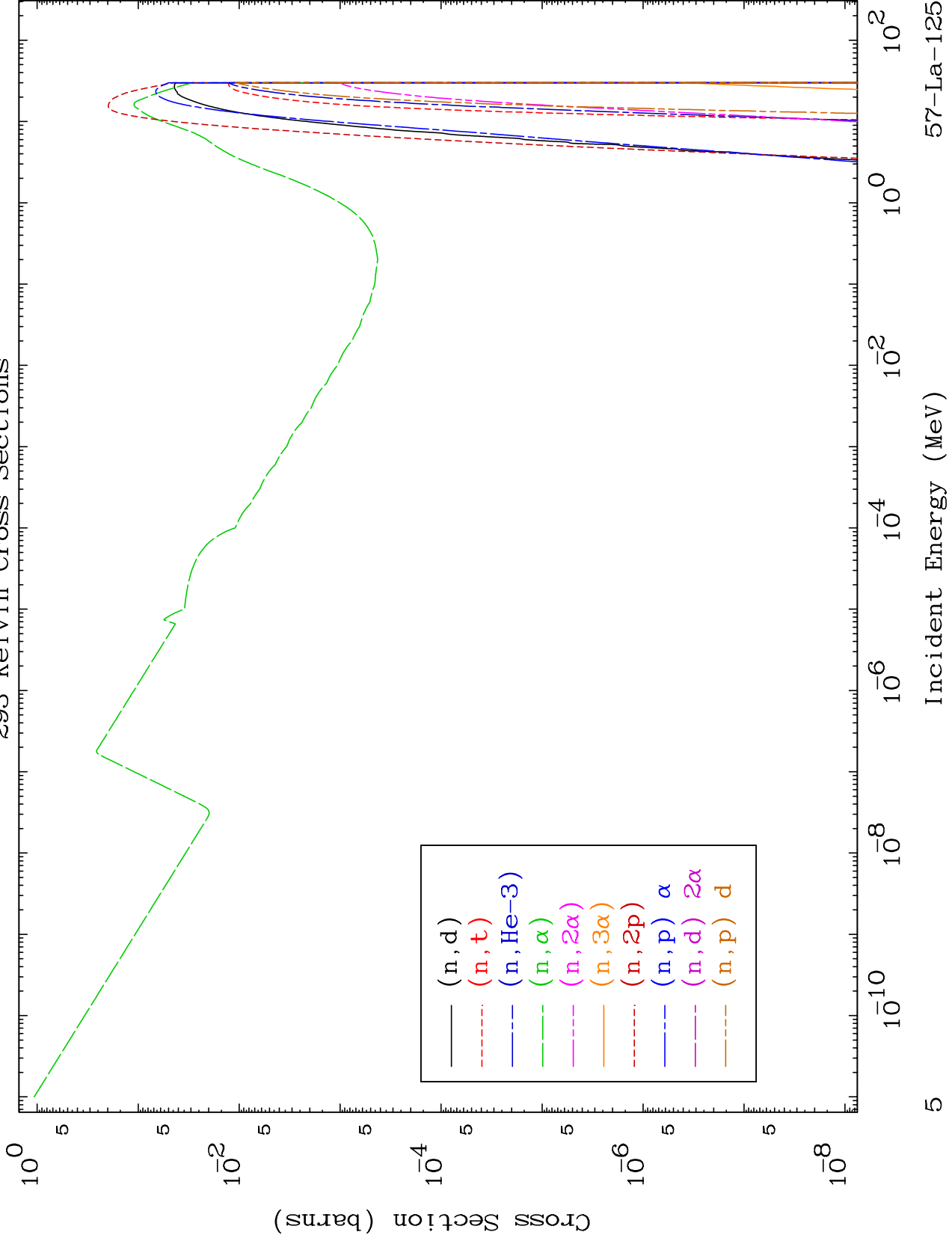
57-La-125

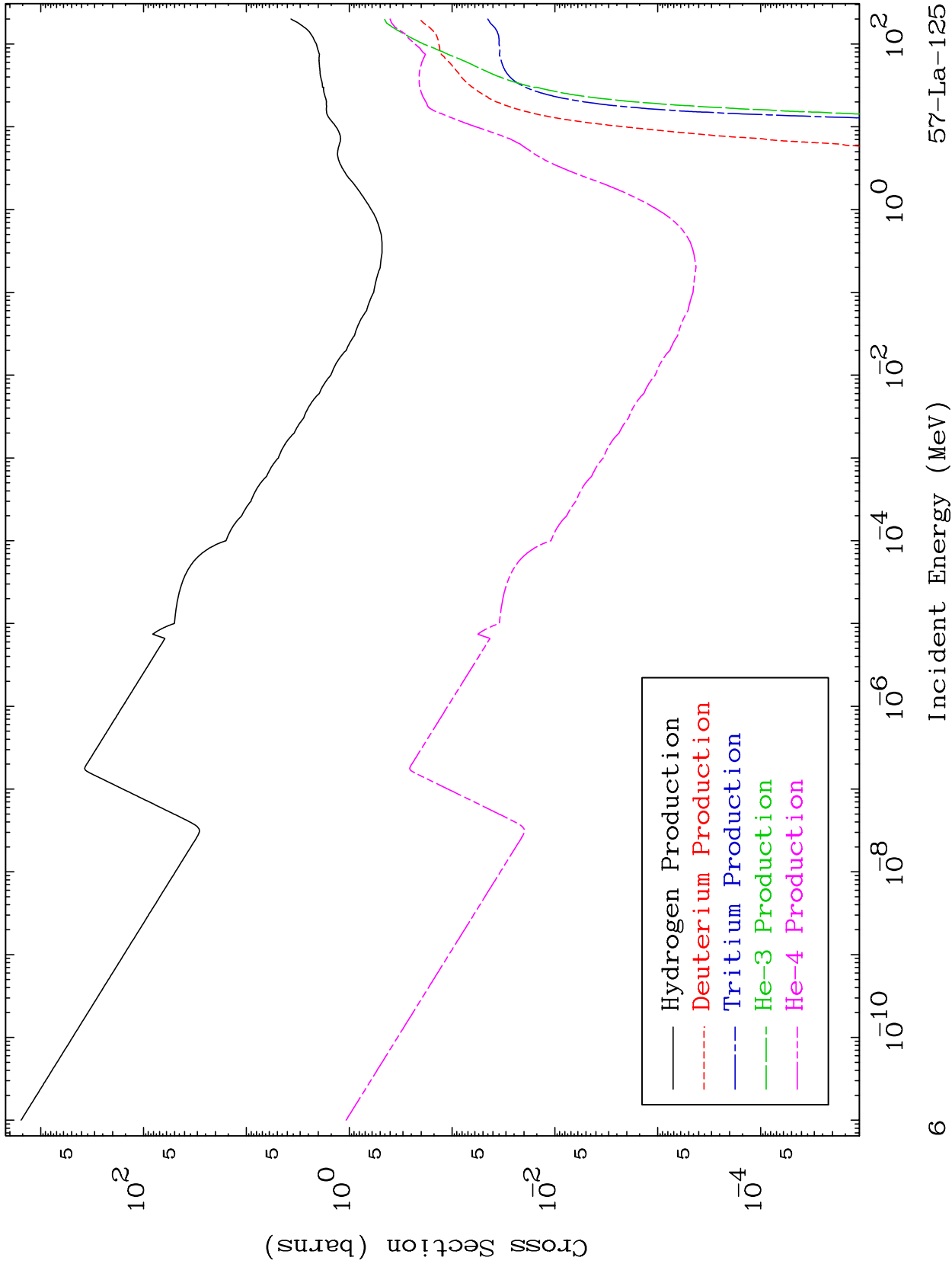


MAT 5686

Charged Particle
293 Kelvin Cross Sections

57-La-125

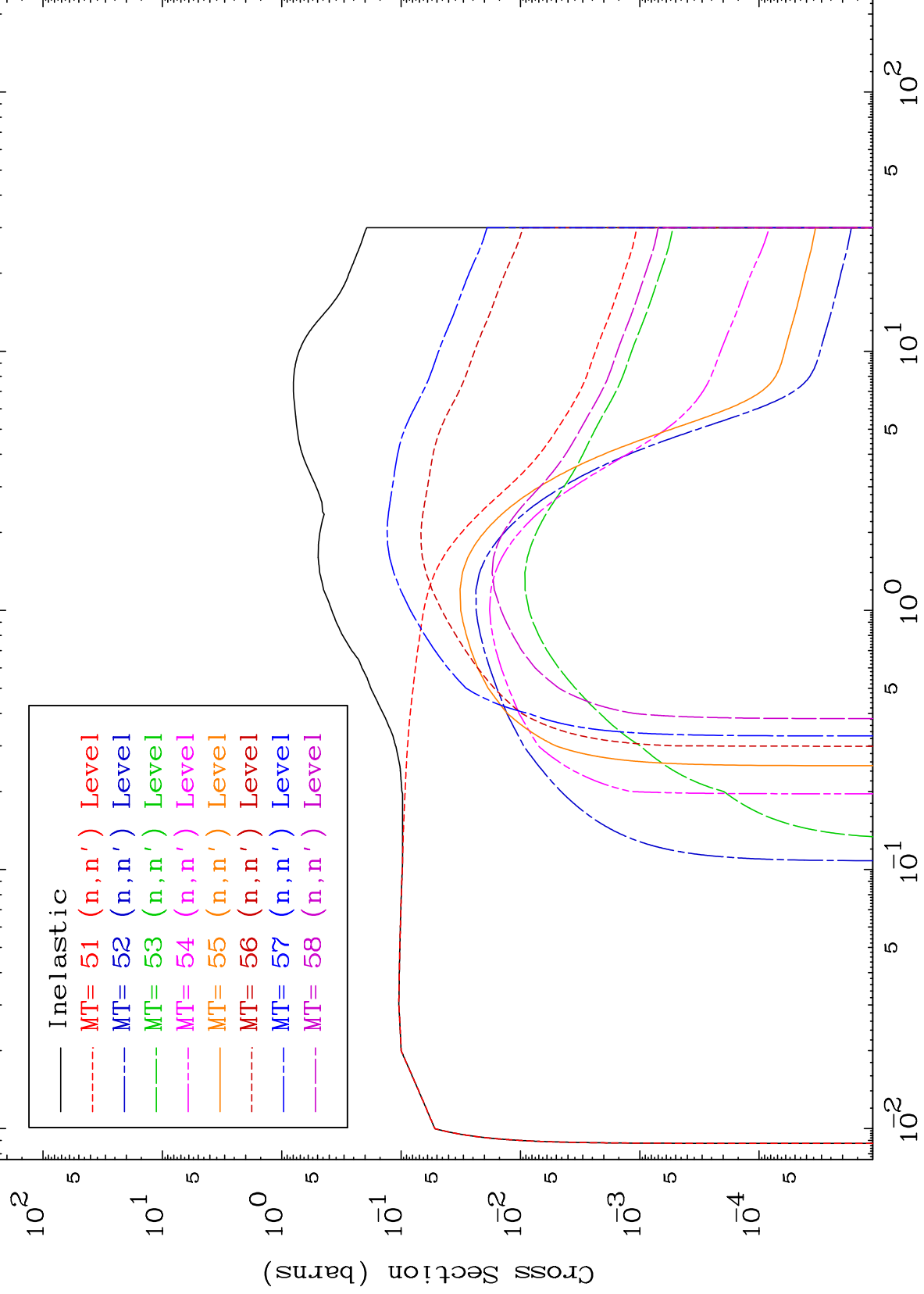




MAT 5686

(n,n') Level
293 Kelvin Cross Sections

57-La-125



57-La-125

Incident Energy (MeV)

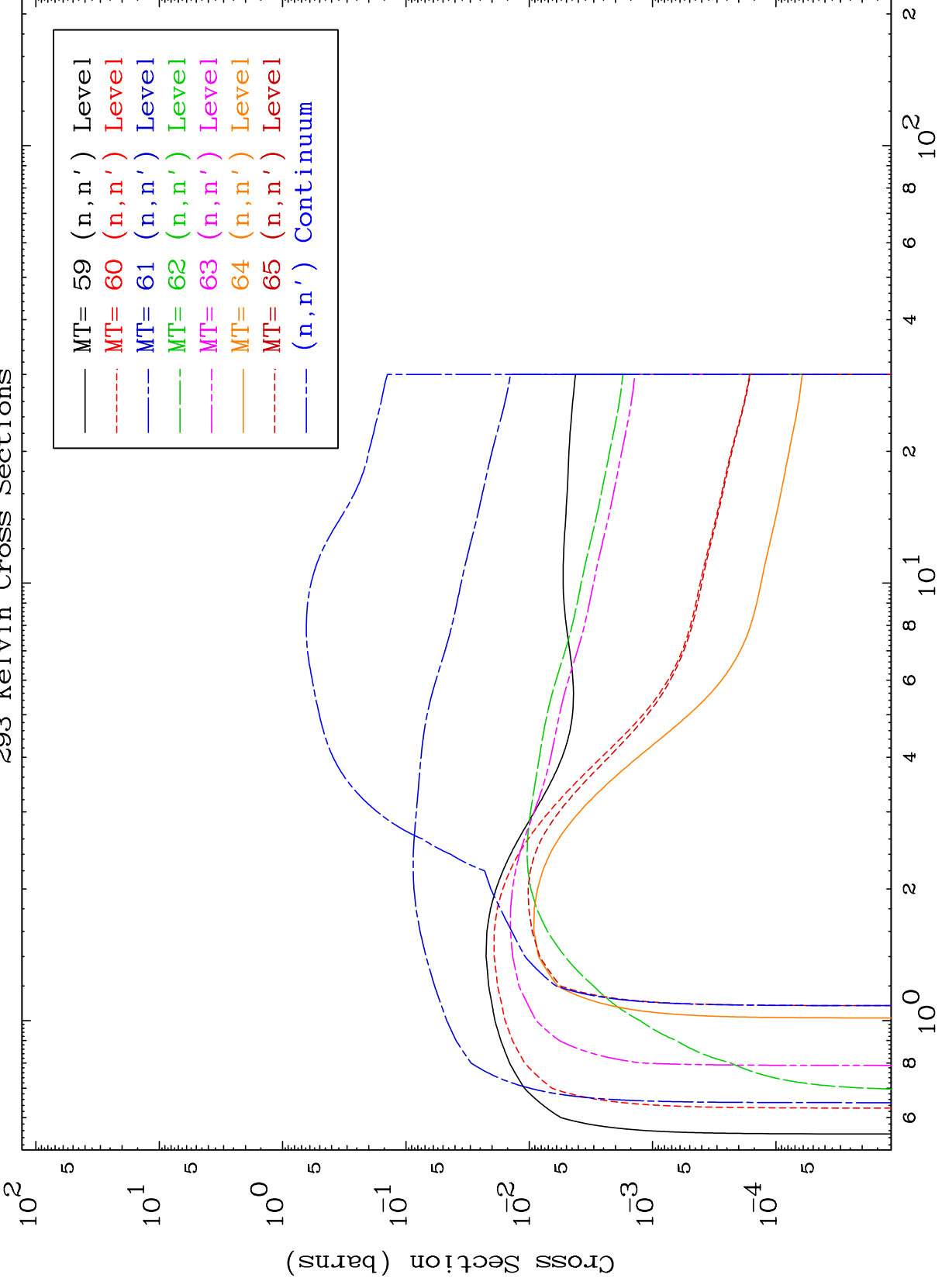
7

MAT 5686

(n,n') Level

293 Kelvin Cross Sections

57-La-125



8

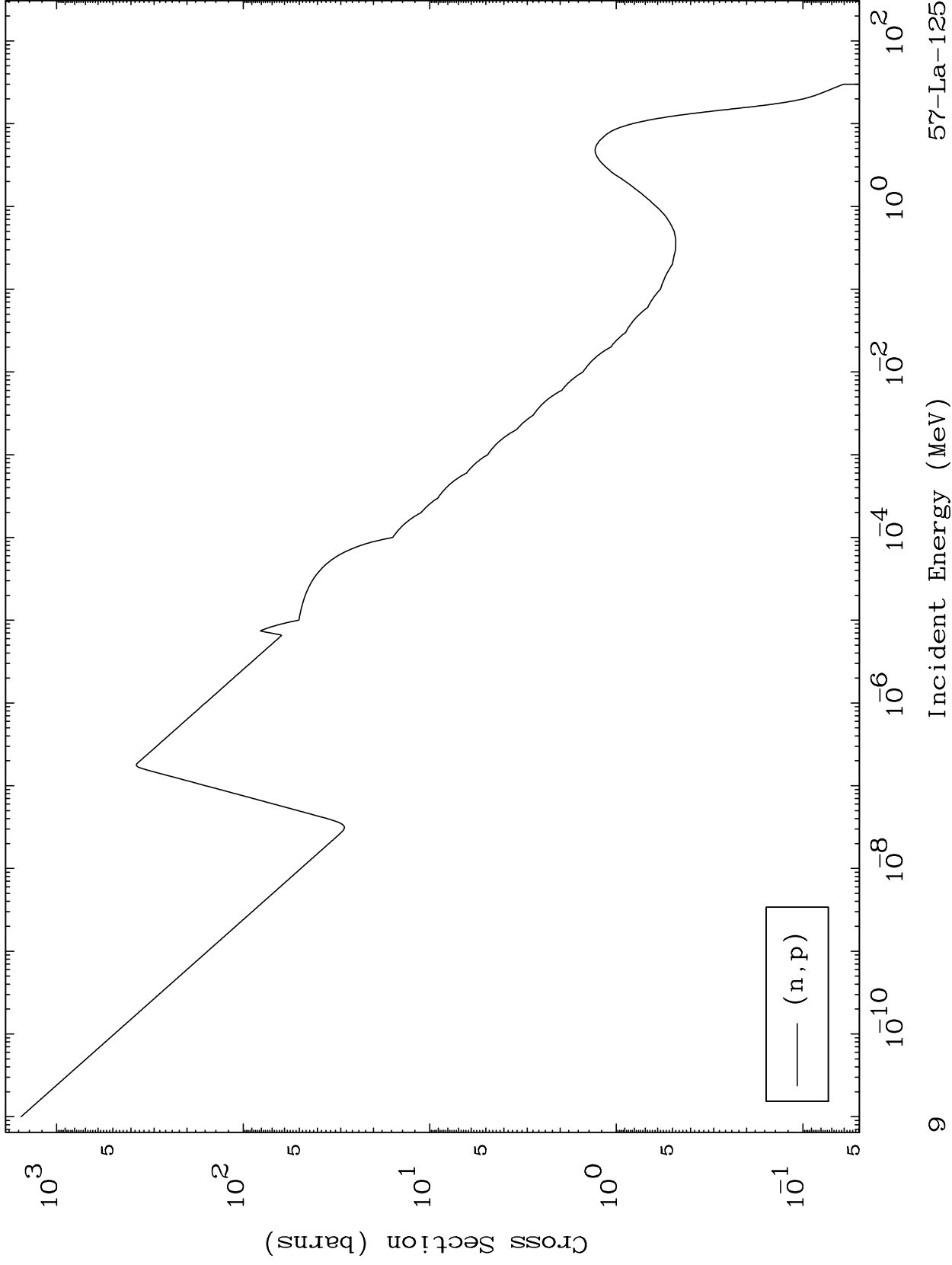
Incident Energy (MeV)

57-La-125

MAT 5686

(n,p) Levels
293 Kelvin Cross Sections

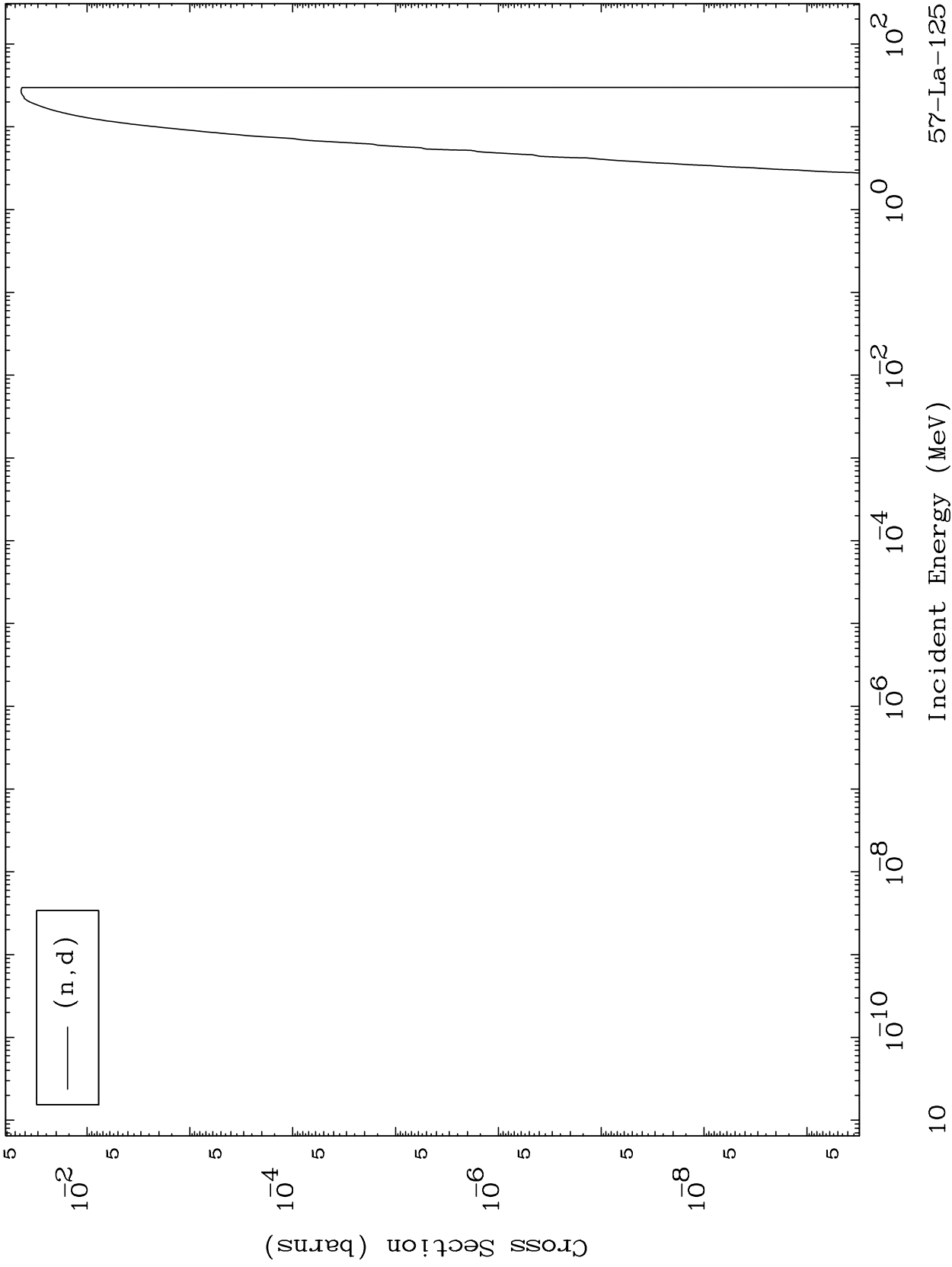
57-La-125



MAT 5686

(n,d) Levels
293 Kelvin Cross Sections

57-La-125



10

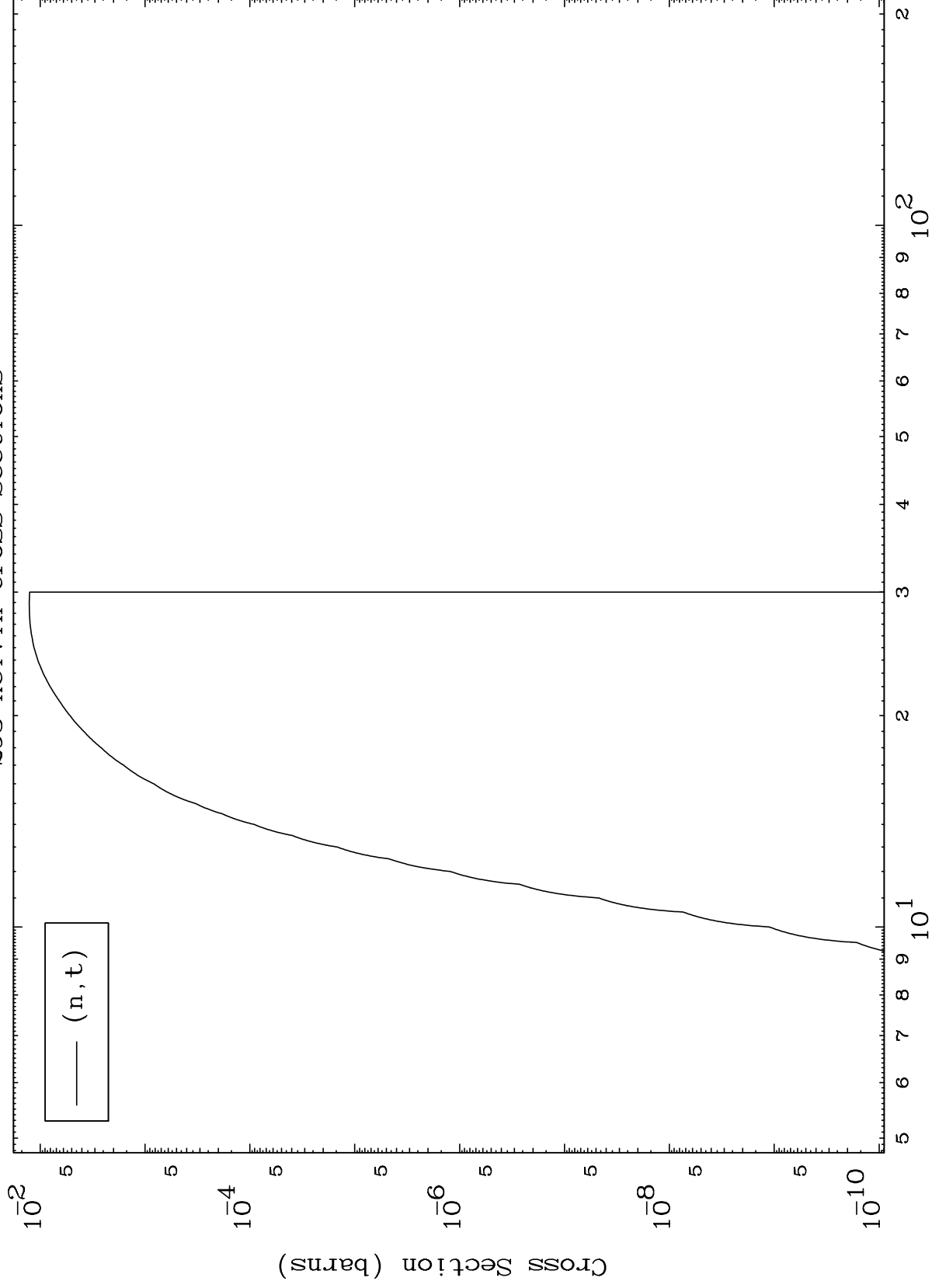
Incident Energy (MeV)

57-La-125

MAT 5686

(n,t) Levels
293 Kelvin Cross Sections

57-La-125



11

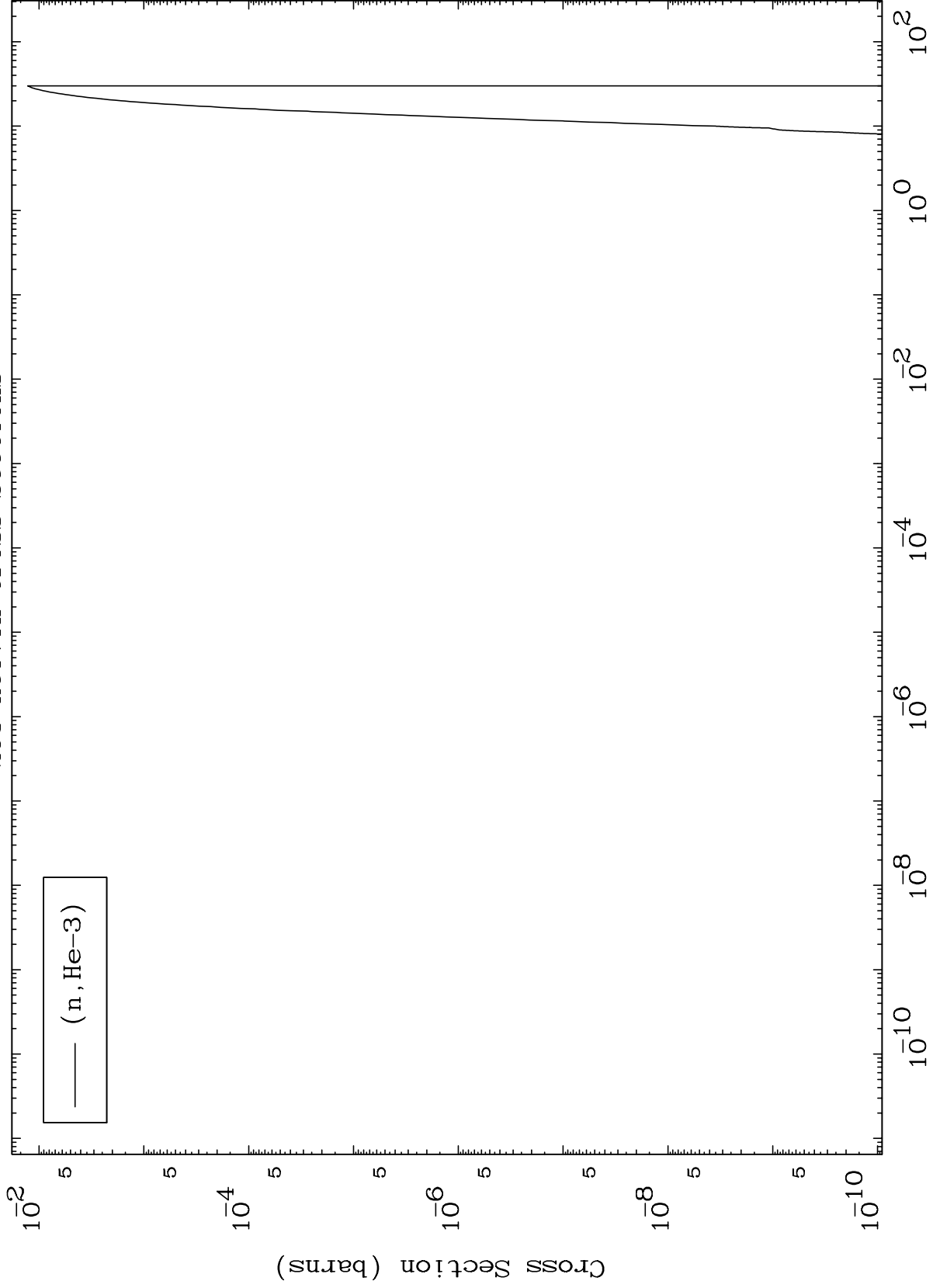
Incident Energy (MeV)

57-La-125

MAT 5686

(n,He3) Levels
293 Kelvin Cross Sections

57-La-125



12

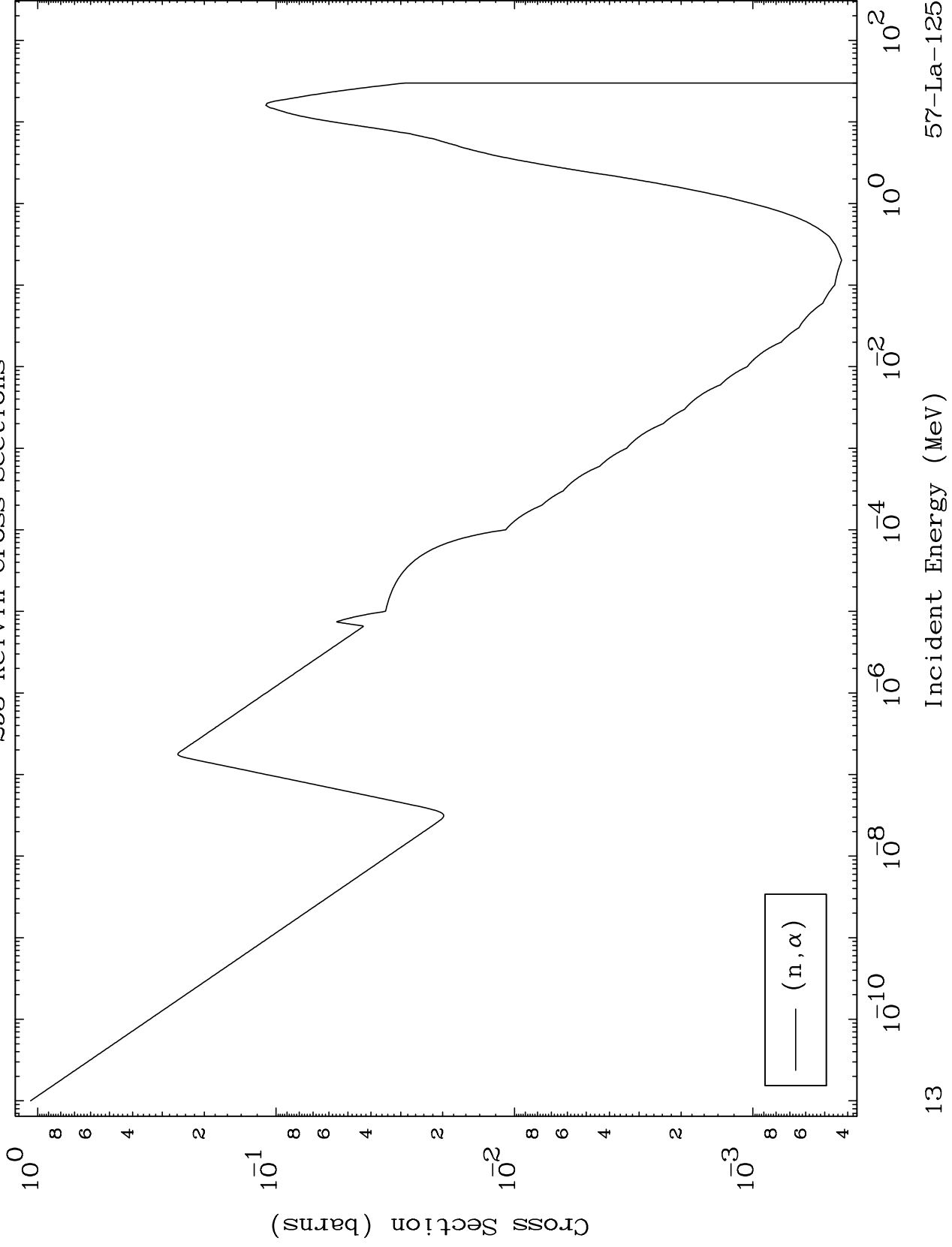
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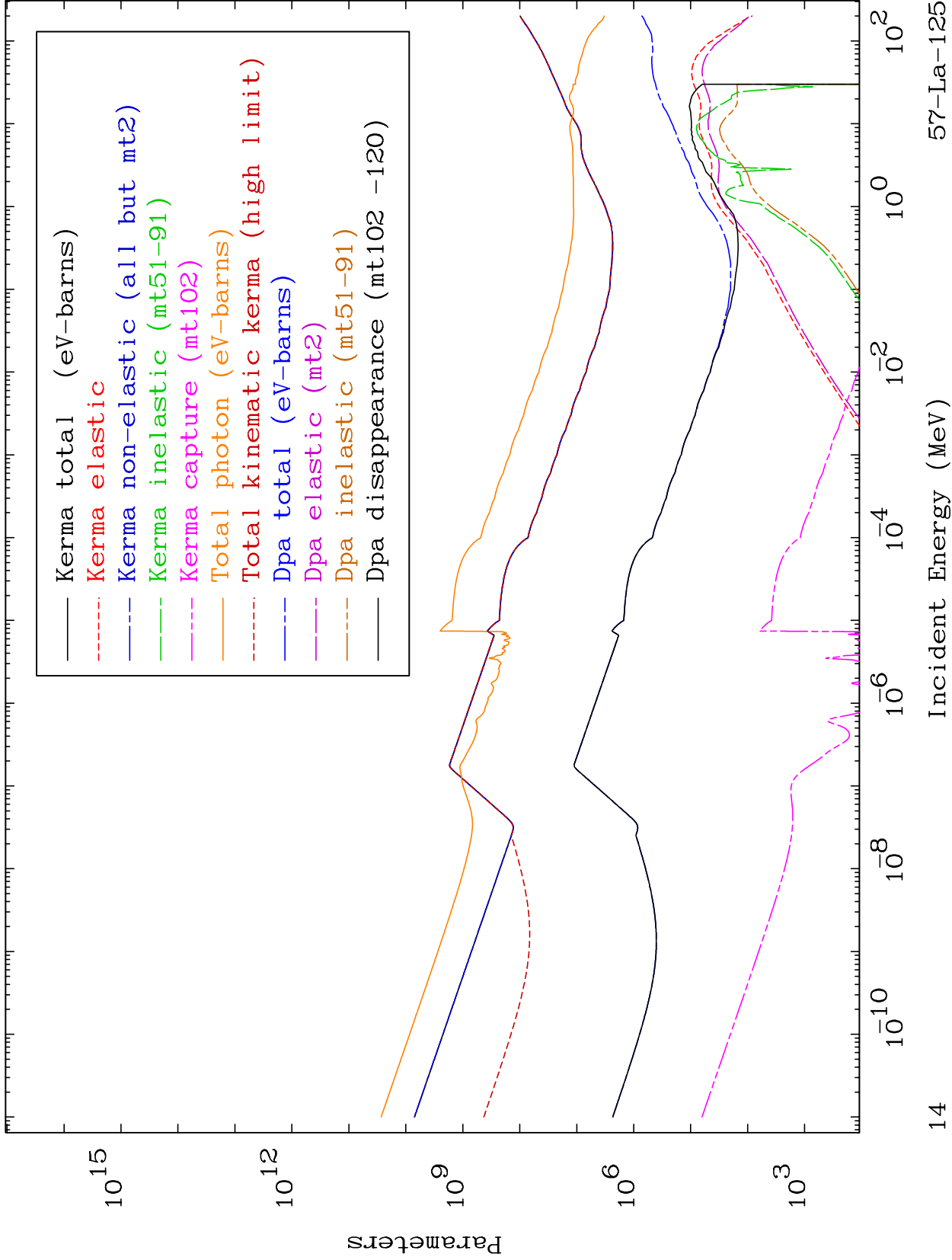
57-La-125

MAT 5686

(n,α) Levels
293 Kelvin Cross Sections

57-La-125

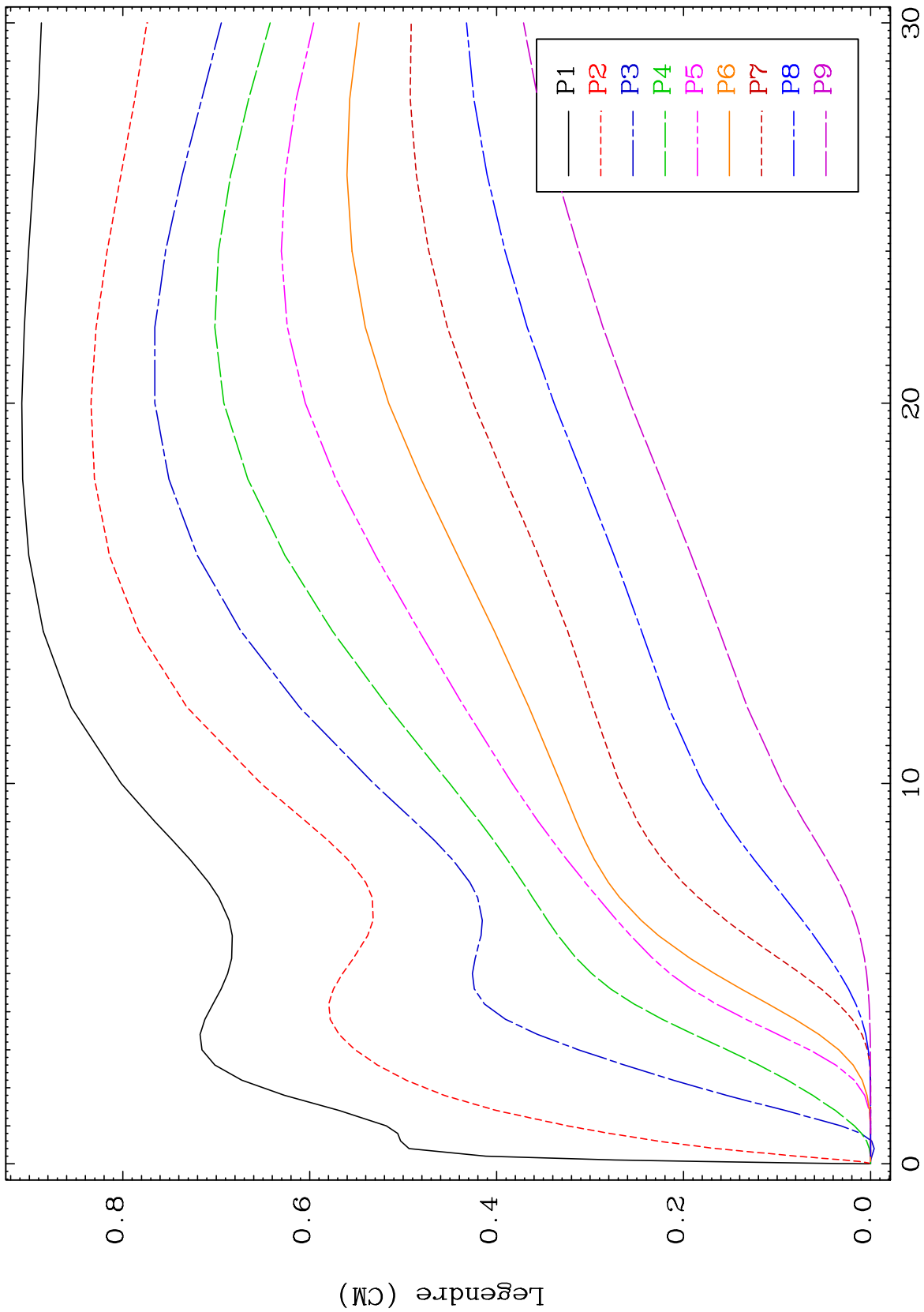




MAT 5686

Elastic Legendre Coefficients

57-La-125



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Incident Energy (MeV)

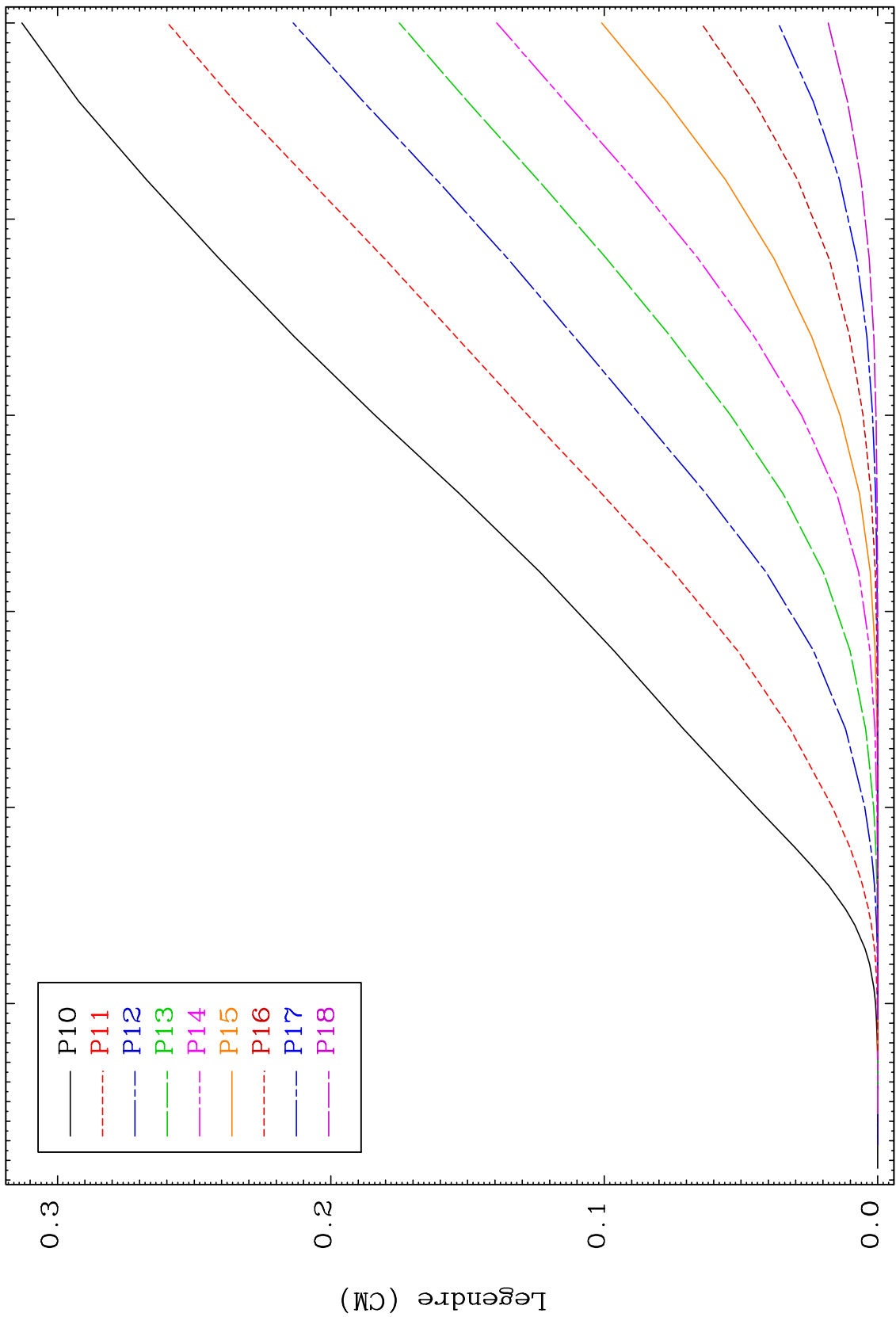
57-La-125

30

MAT 5686

Elastic Legendre Coefficients

57-La-125



16

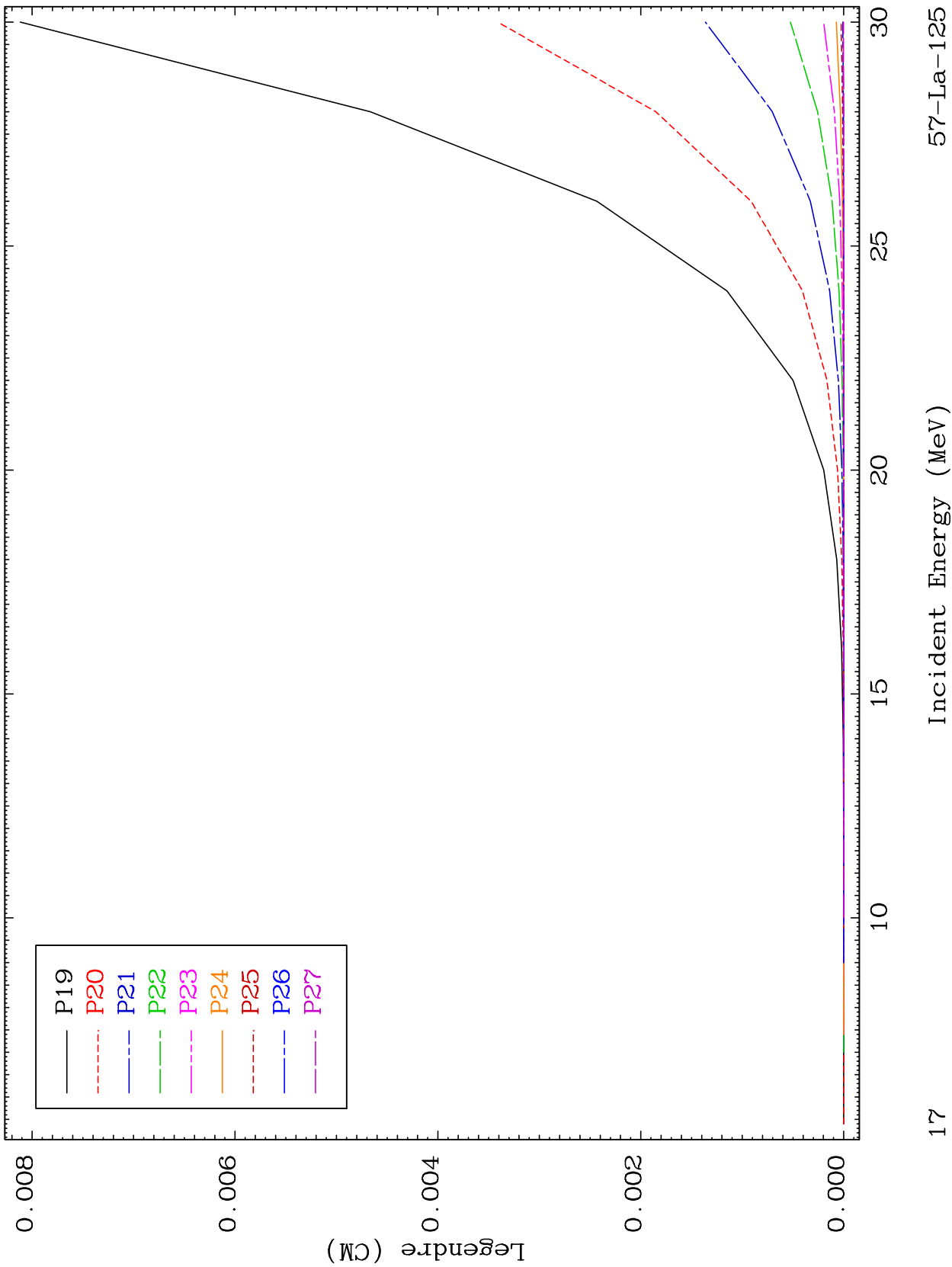
Incident Energy (MeV)

57-La-125

MAT 5686

Elastic Legendre Coefficients

57-La-125



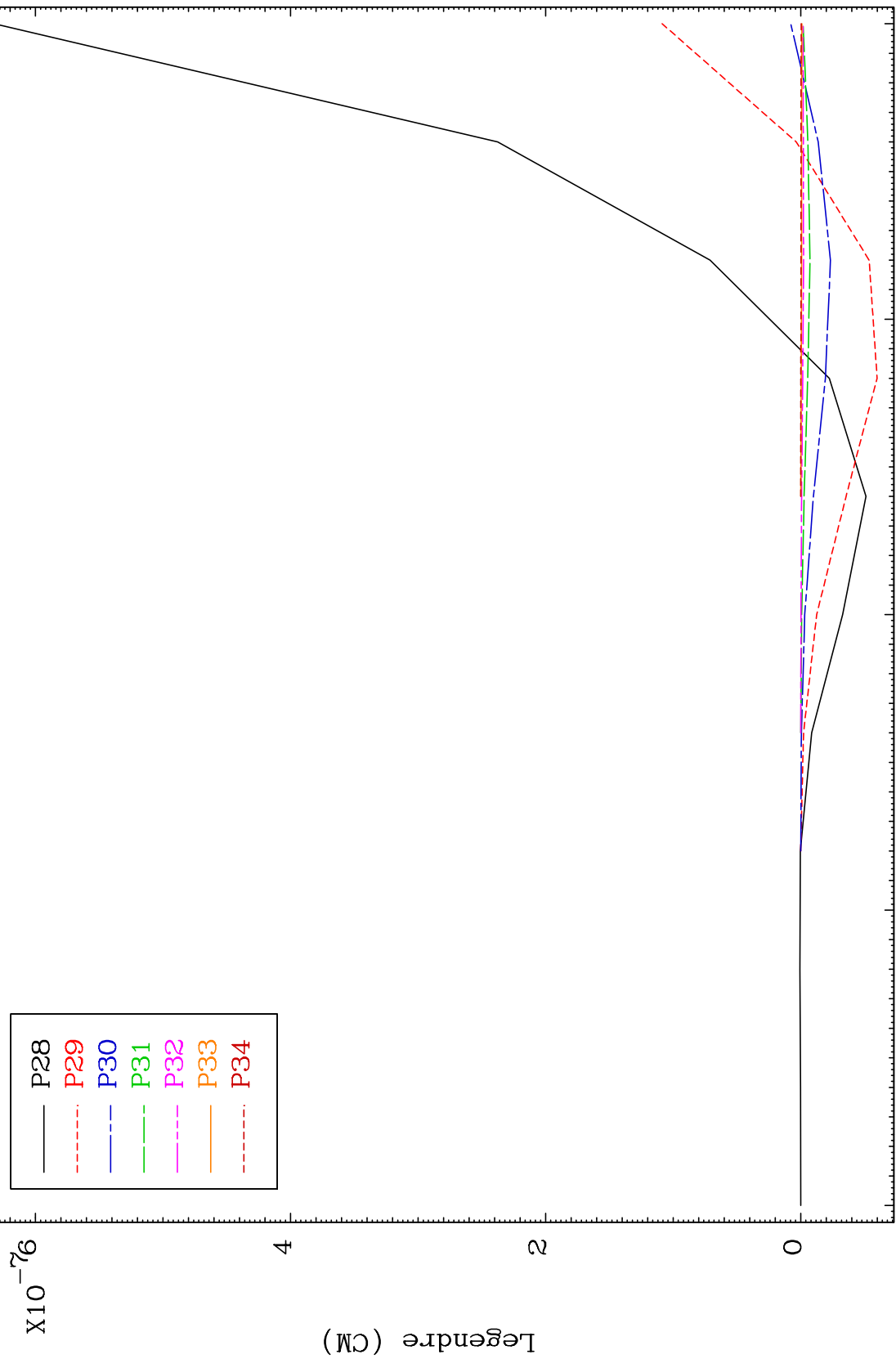
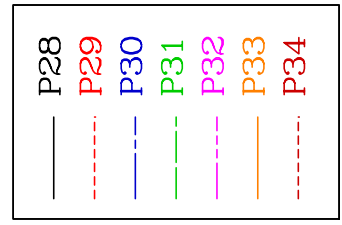
17

57-La-125

MAT 5686

Elastic Legendre Coefficients

57-La-125



57-La-125

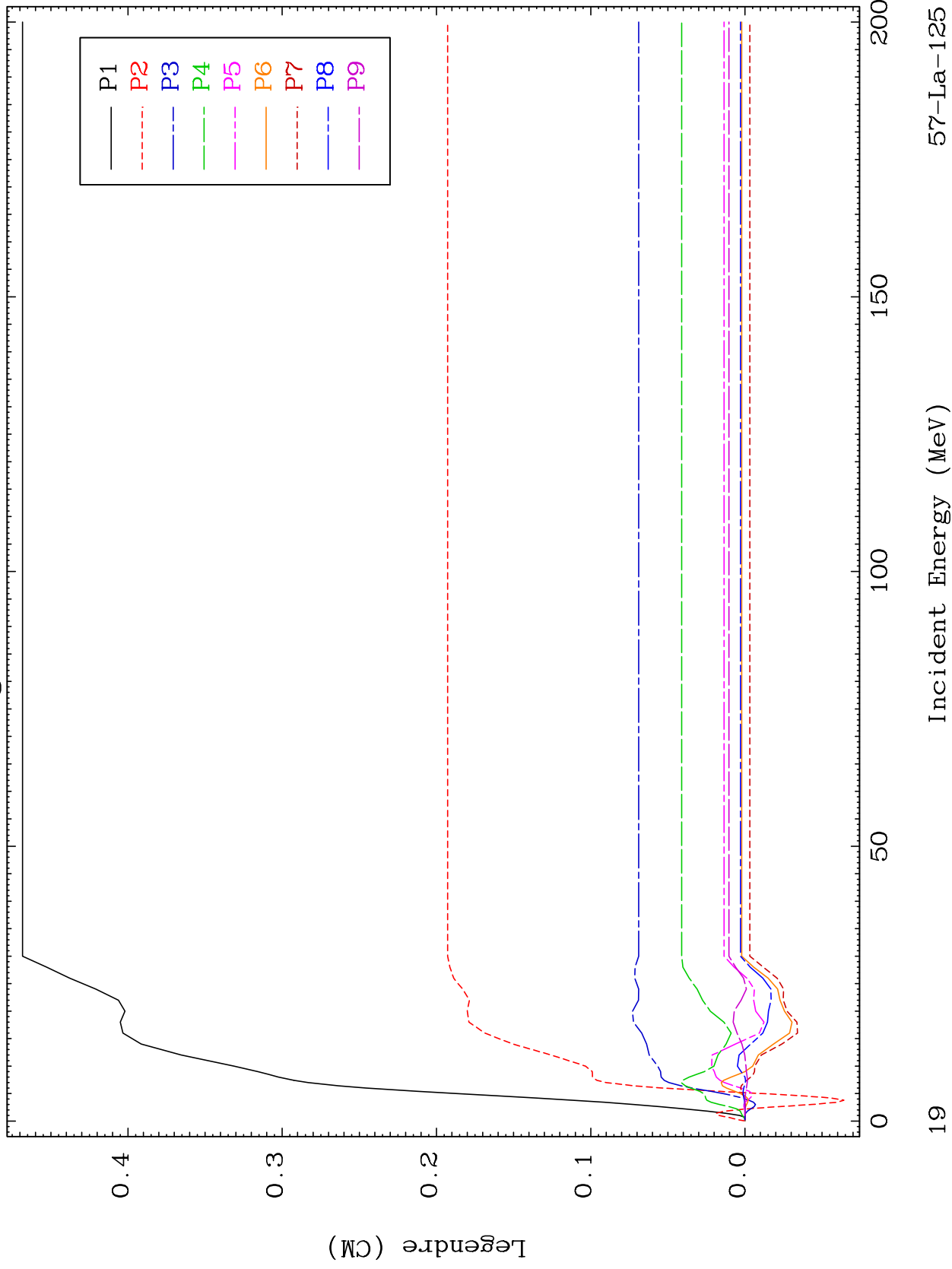
Incident Energy (MeV)

18

MAT 5686

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

57-La-125



19

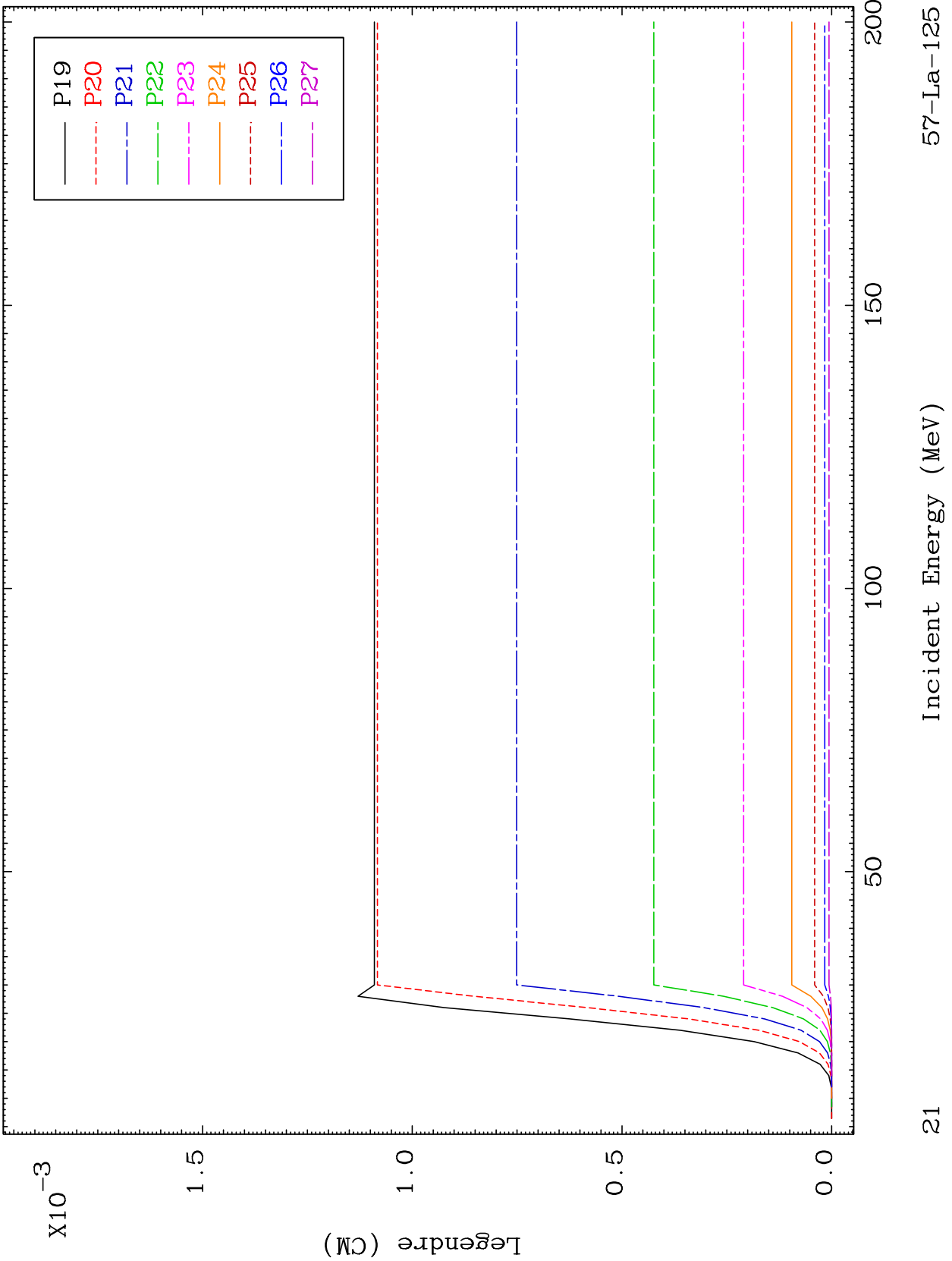
Incident Energy (MeV)

57-La-125

MAT 5686

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

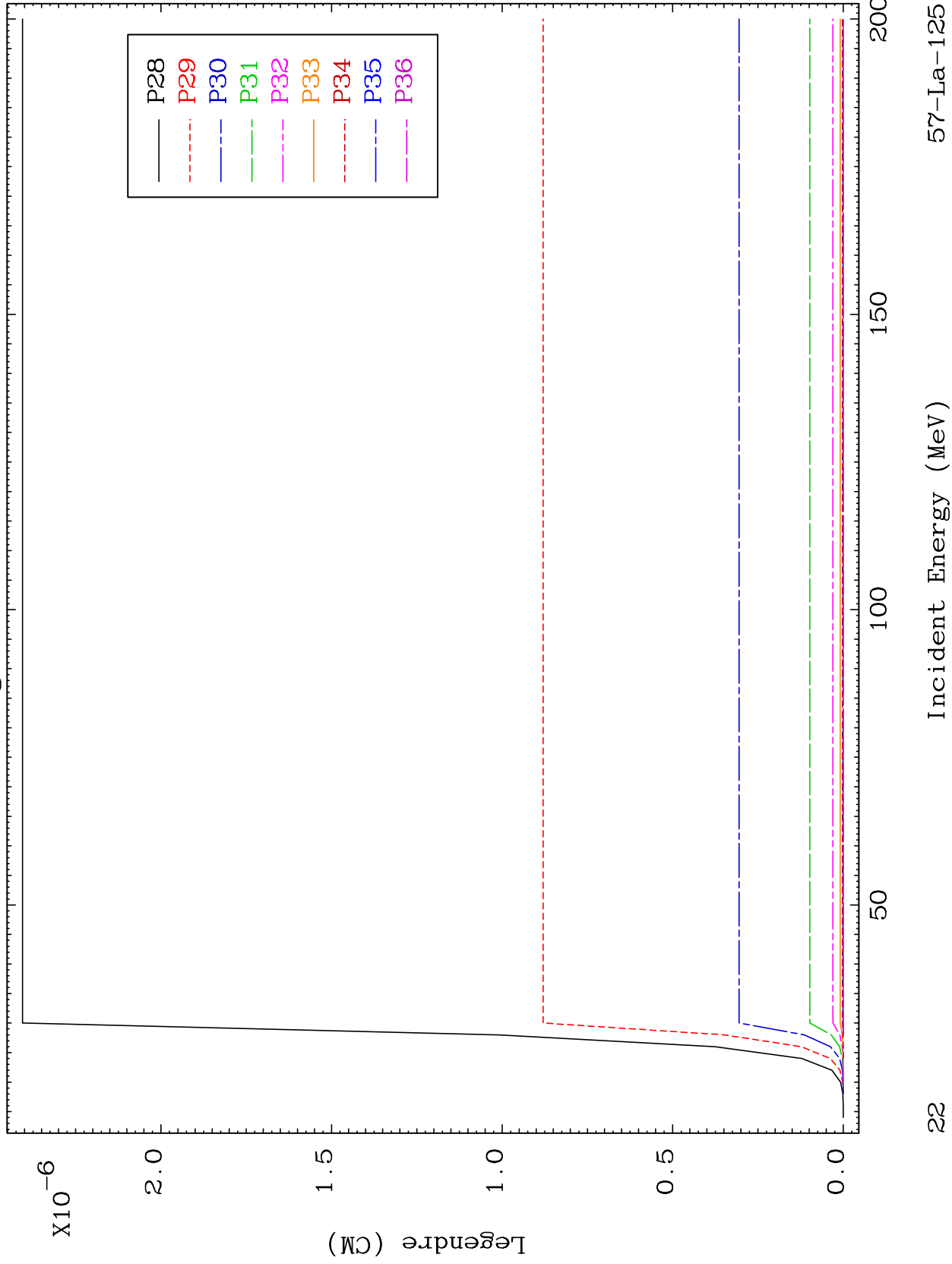
57-La-125



MAT 5686

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

57-La-125

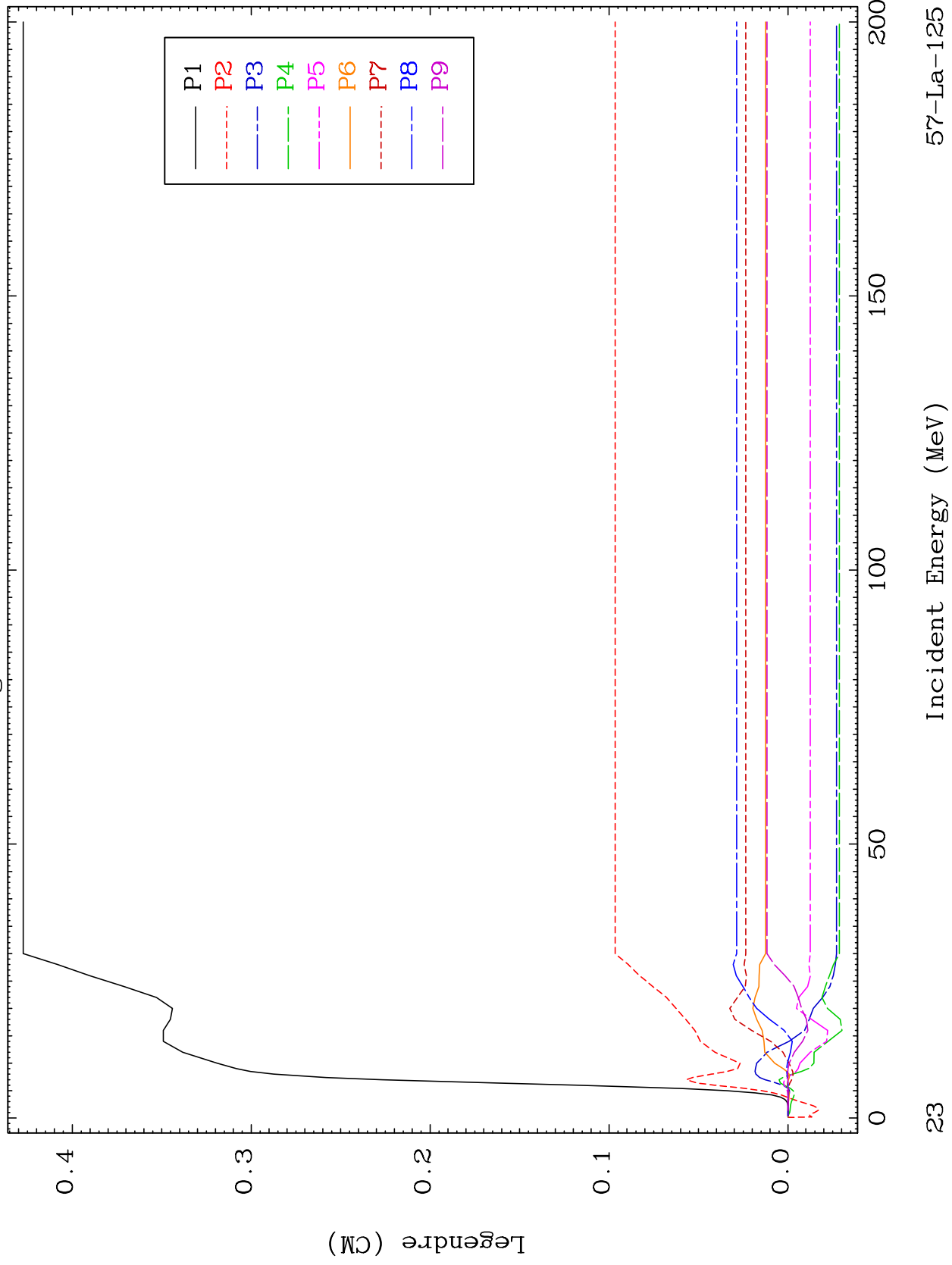


22

MAT 5686

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

57-La-125



57-La-125

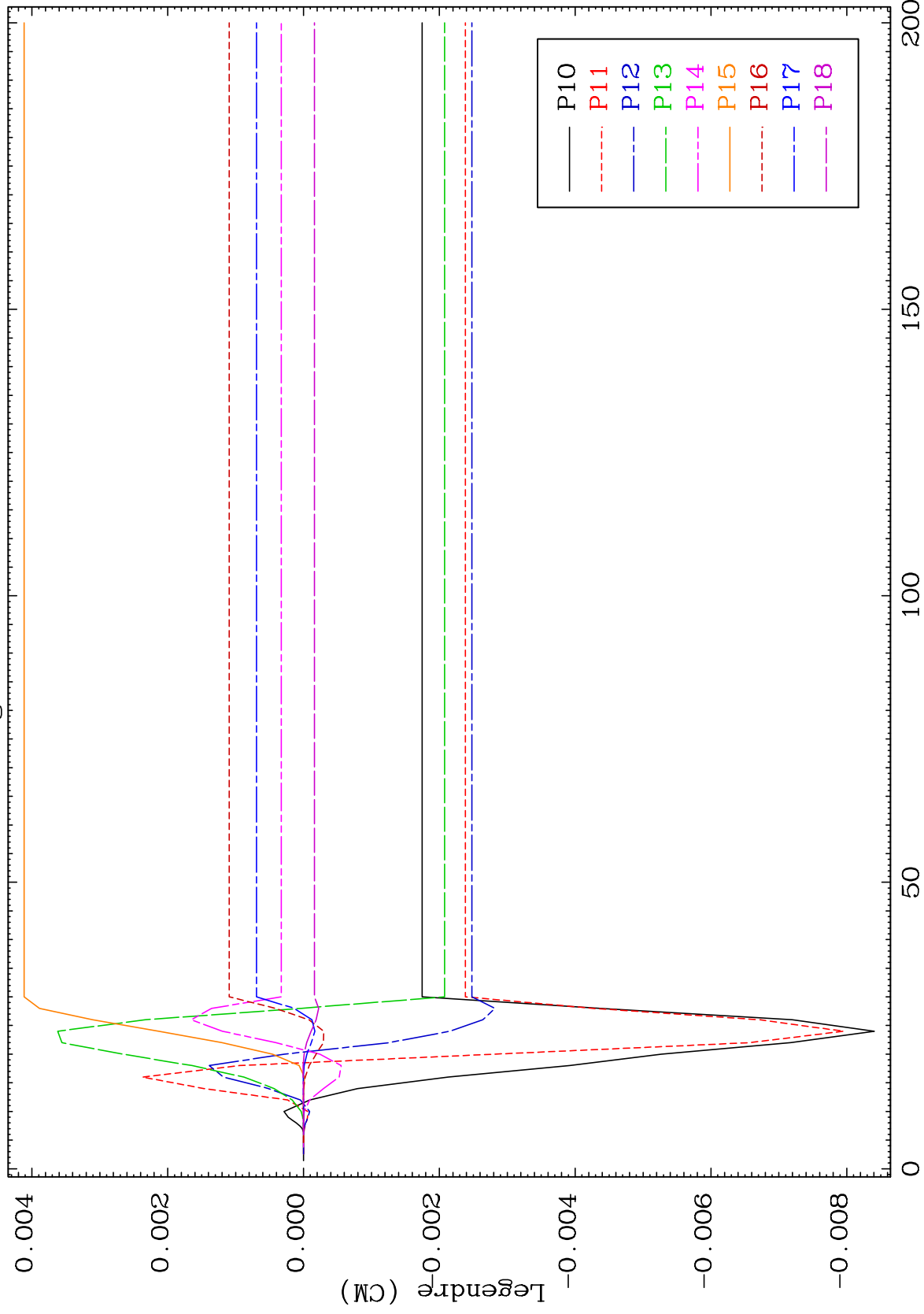
Incident Energy (MeV)

23

MAT 5686

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

57-La-125



24

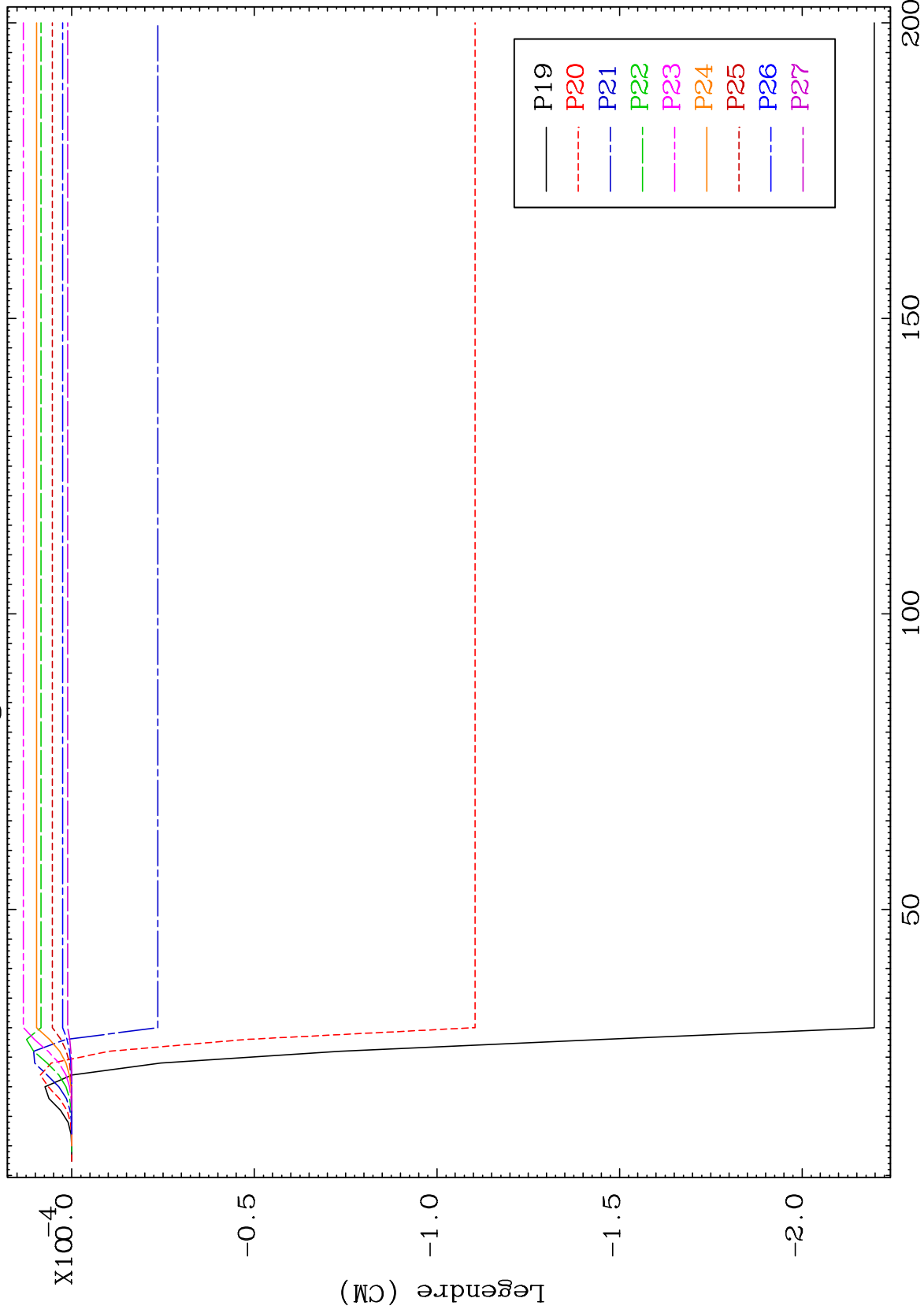
Incident Energy (MeV)

57-La-125

MAT 5686

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

57-La-125



25

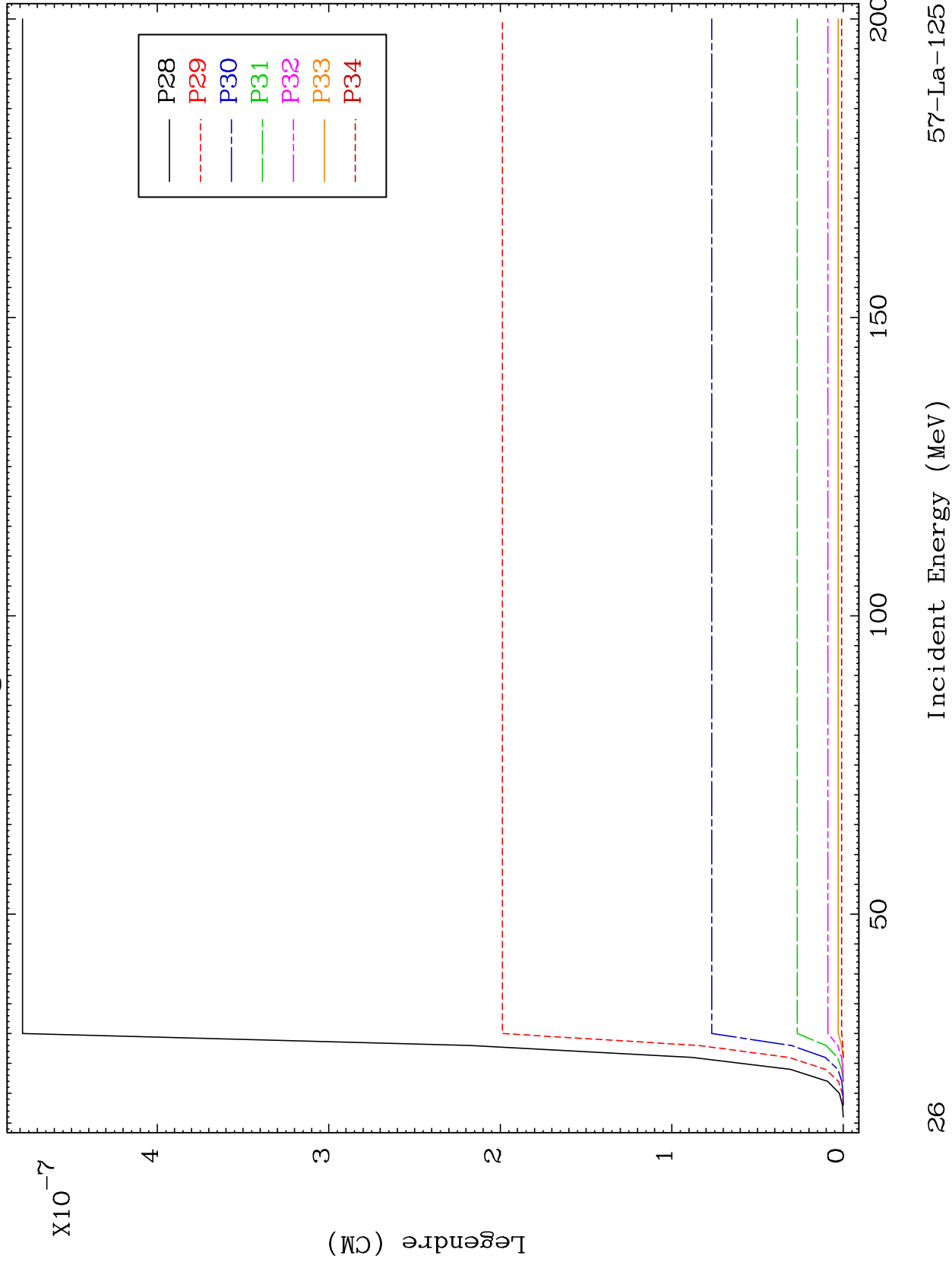
Incident Energy (MeV)

57-La-125

MAT 5686

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

57-La-125



26

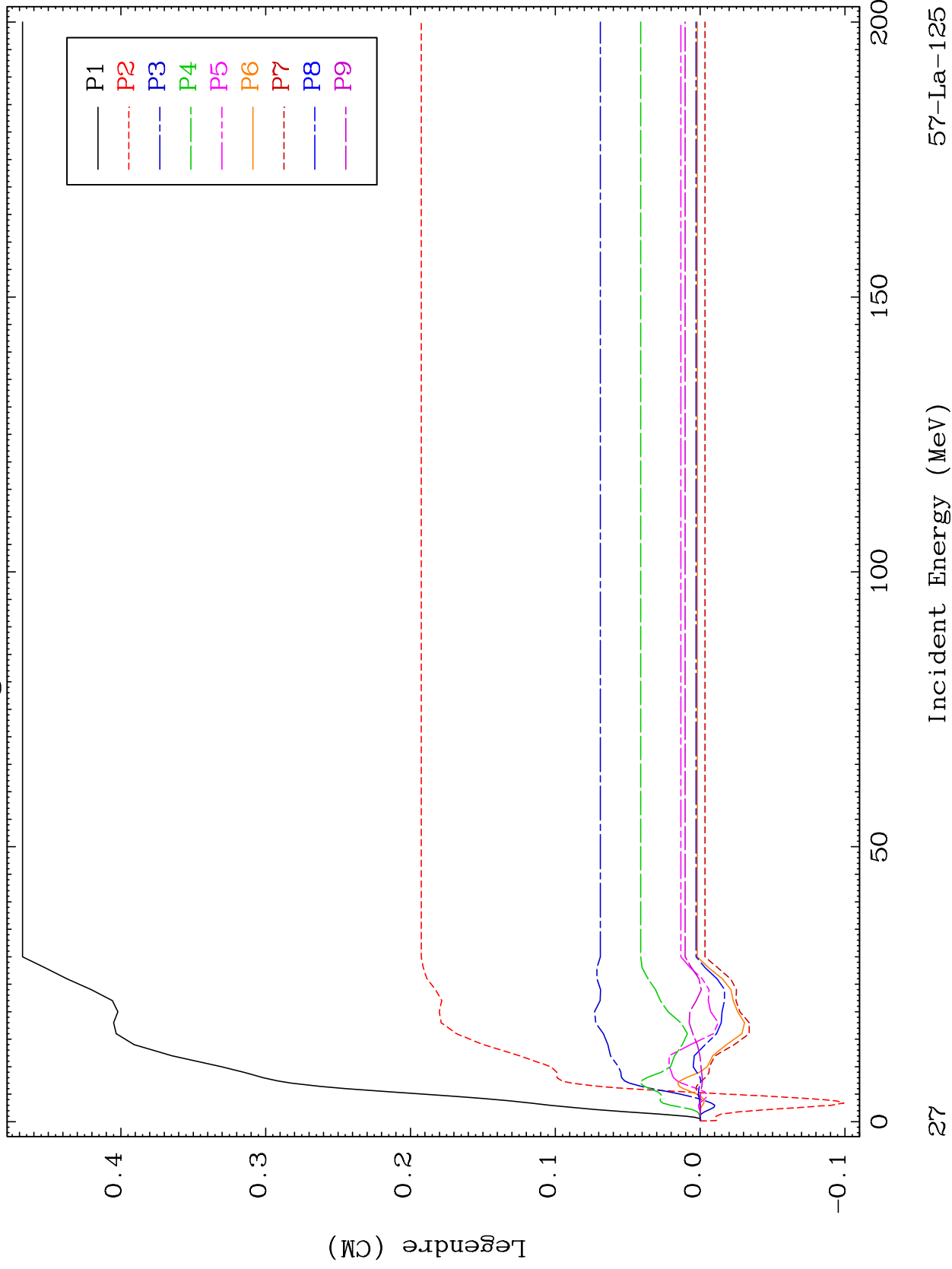
Incident Energy (MeV)

57-La-125

MAT 5686

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

57-La-125



57-La-125

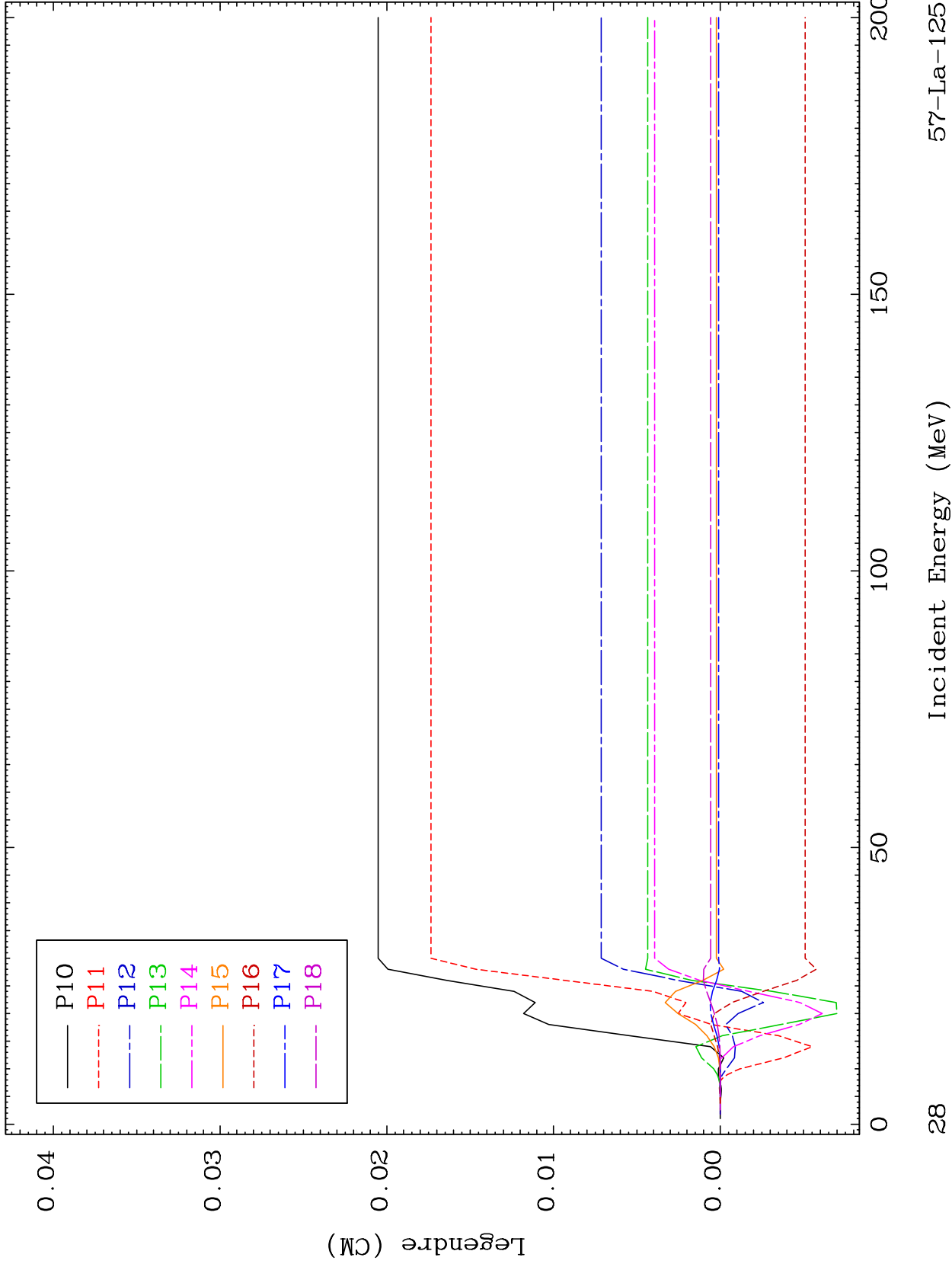
Incident Energy (MeV)

27

MAT 5686

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

57-La-125



28

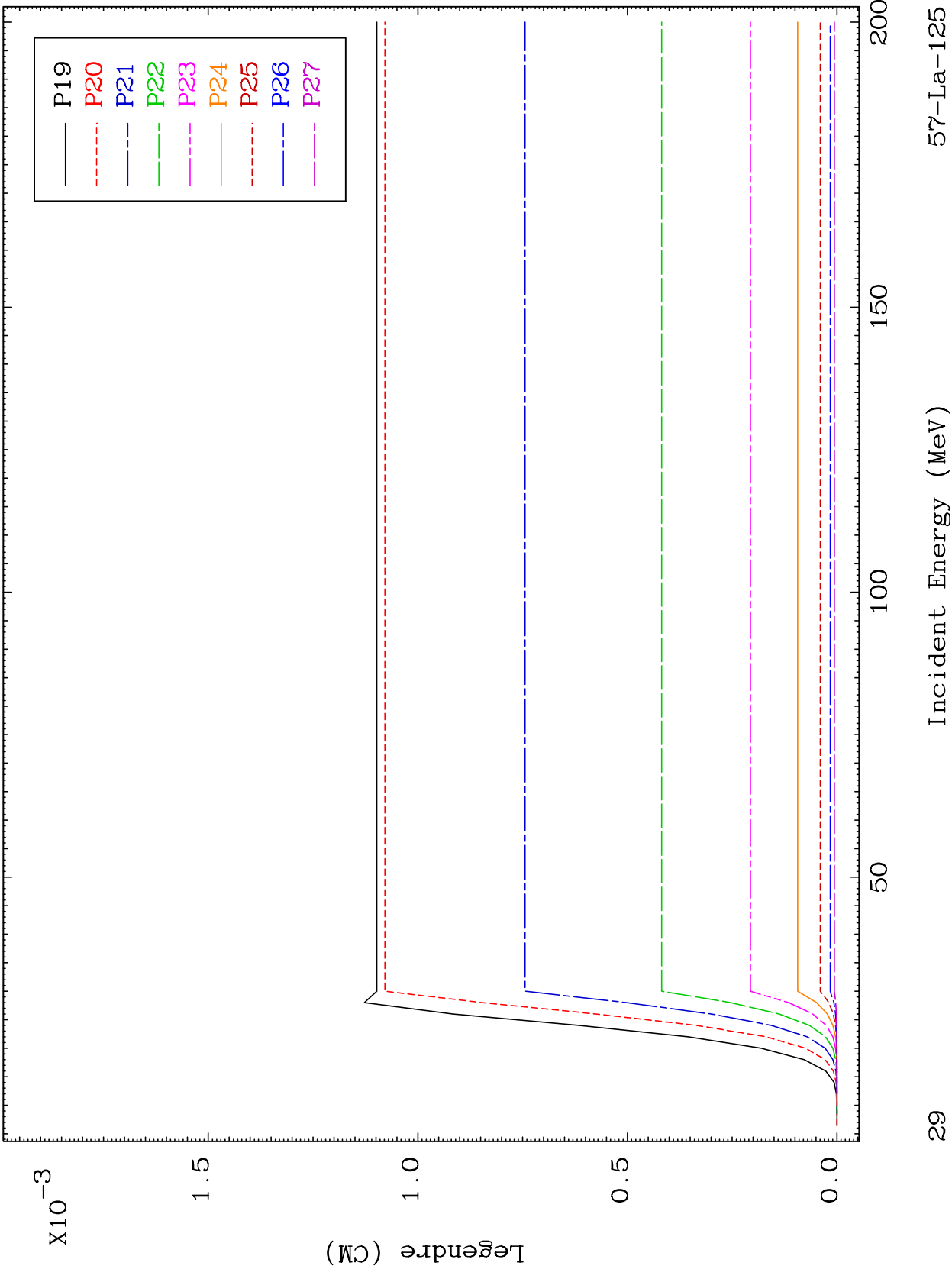
Incident Energy (MeV)

57-La-125

MAT 5686

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

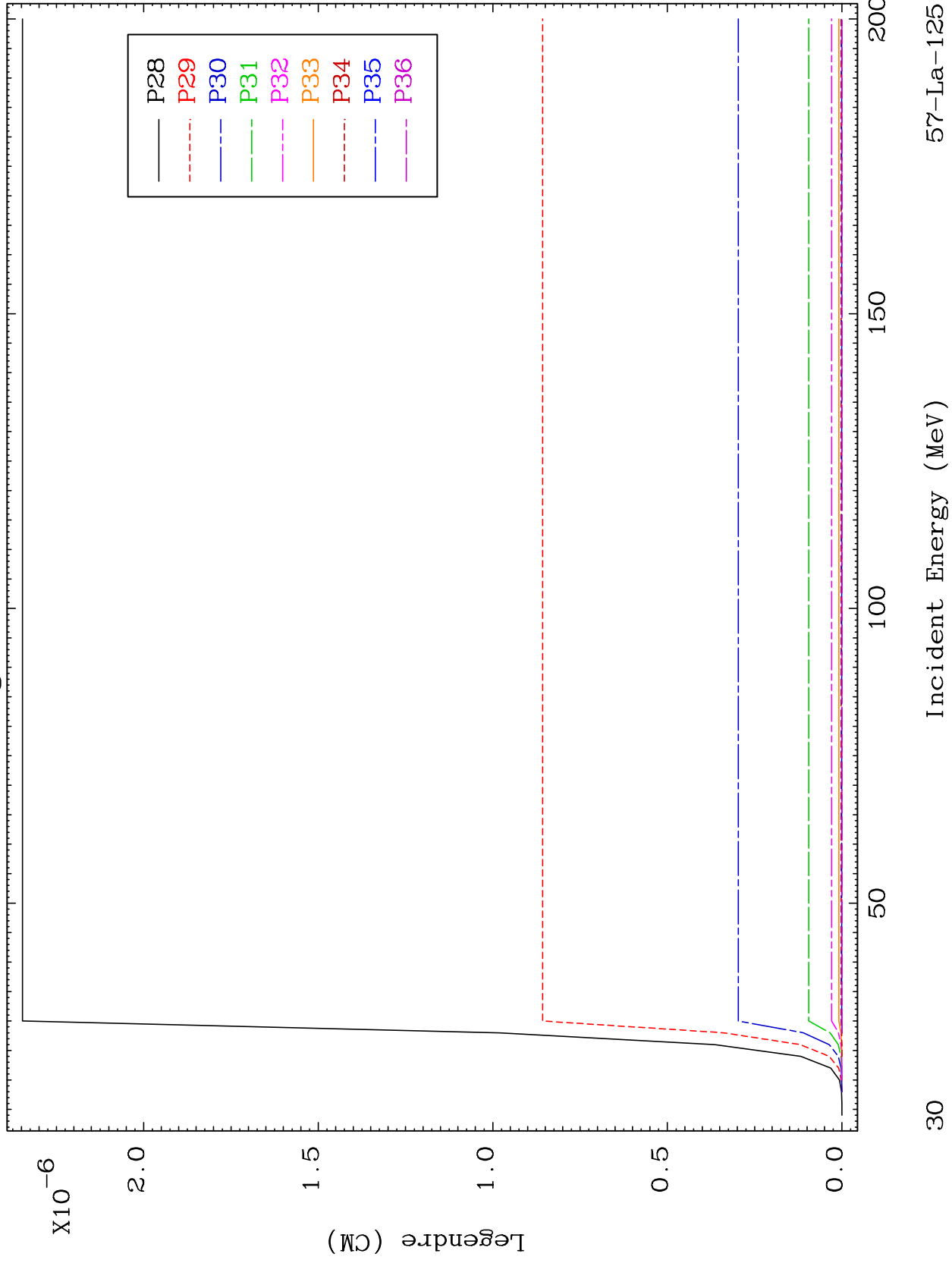
57-La-125



MAT 5686

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

57-La-125



57-La-125

Incident Energy (MeV)

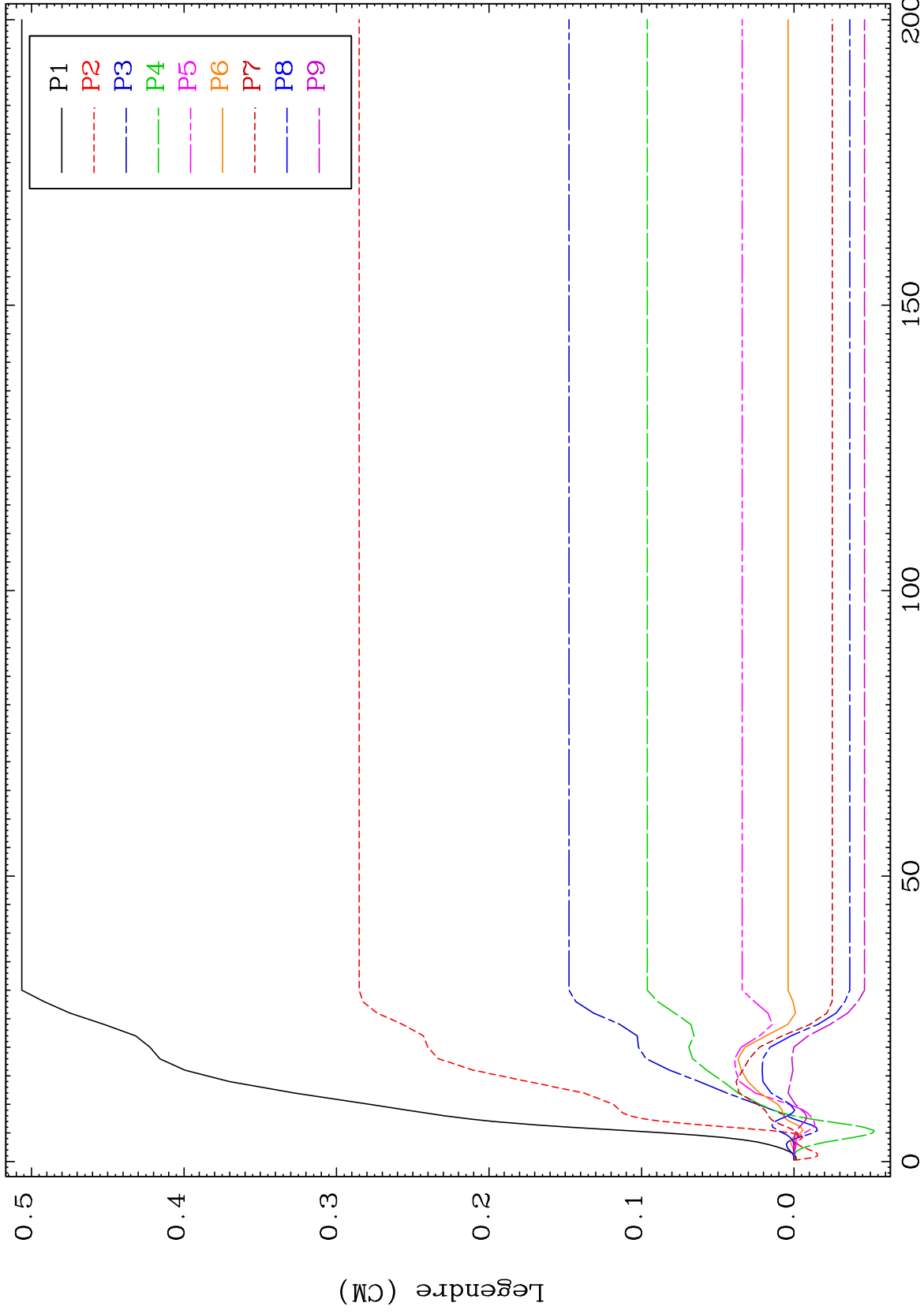
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MAT 5686

MT= 54 (n,n') Level

57-La-125

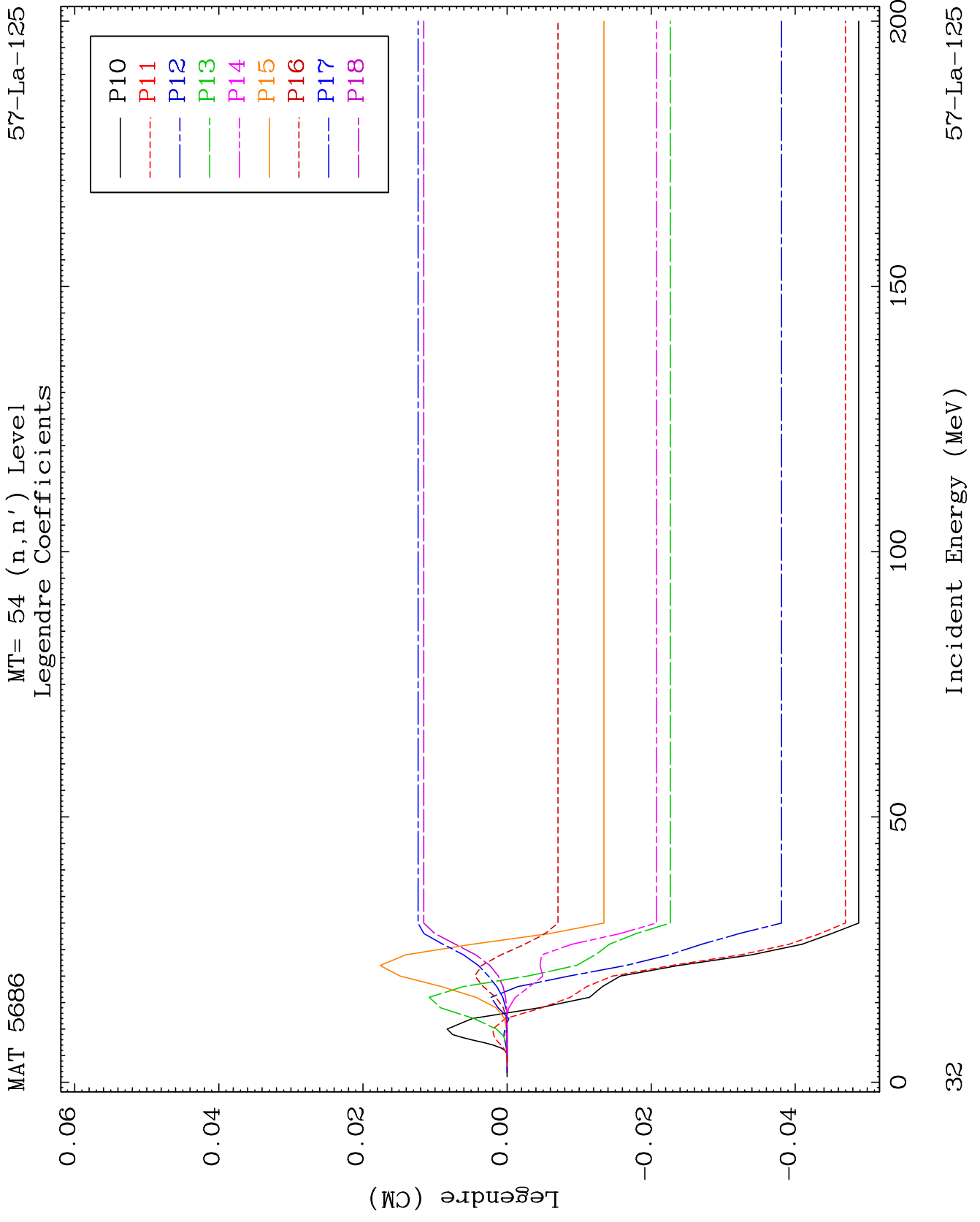
Legendre Coefficients



31

Incident Energy (MeV)

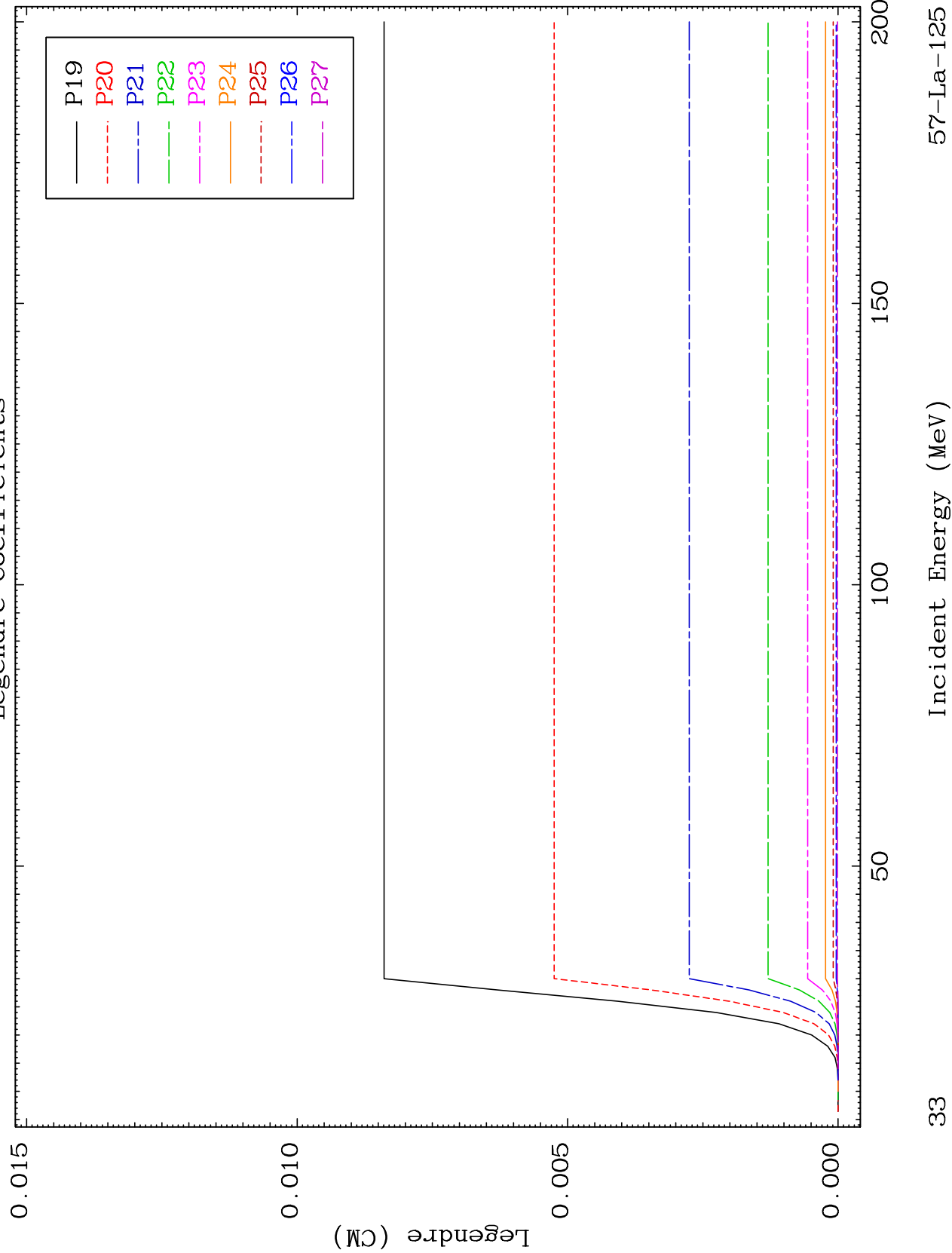
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MAT 5686

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

57-La-125



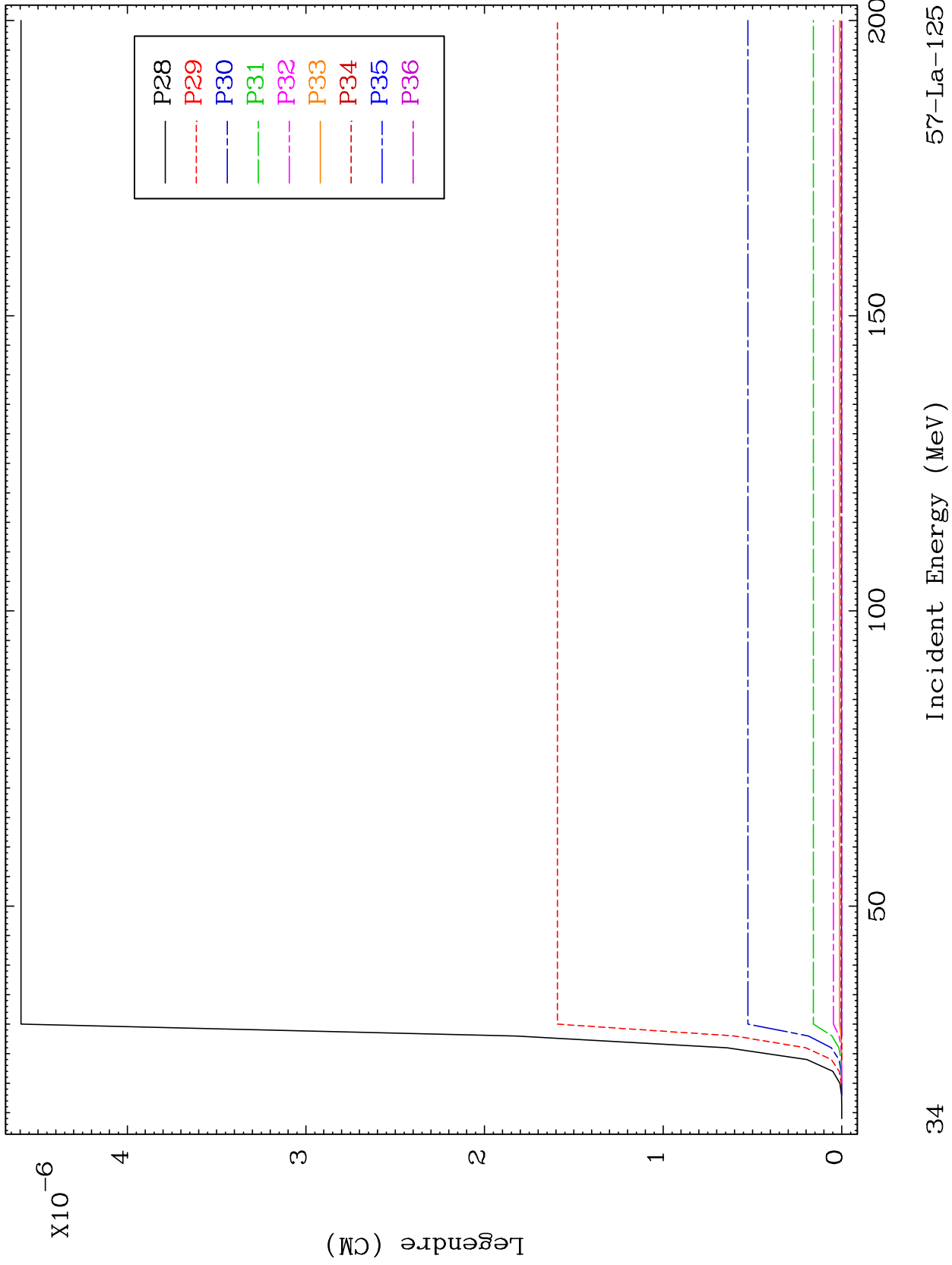
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57-La-125

MAT 5686

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

57-La-125



34

Incident Energy (MeV)

57-La-125

200

150

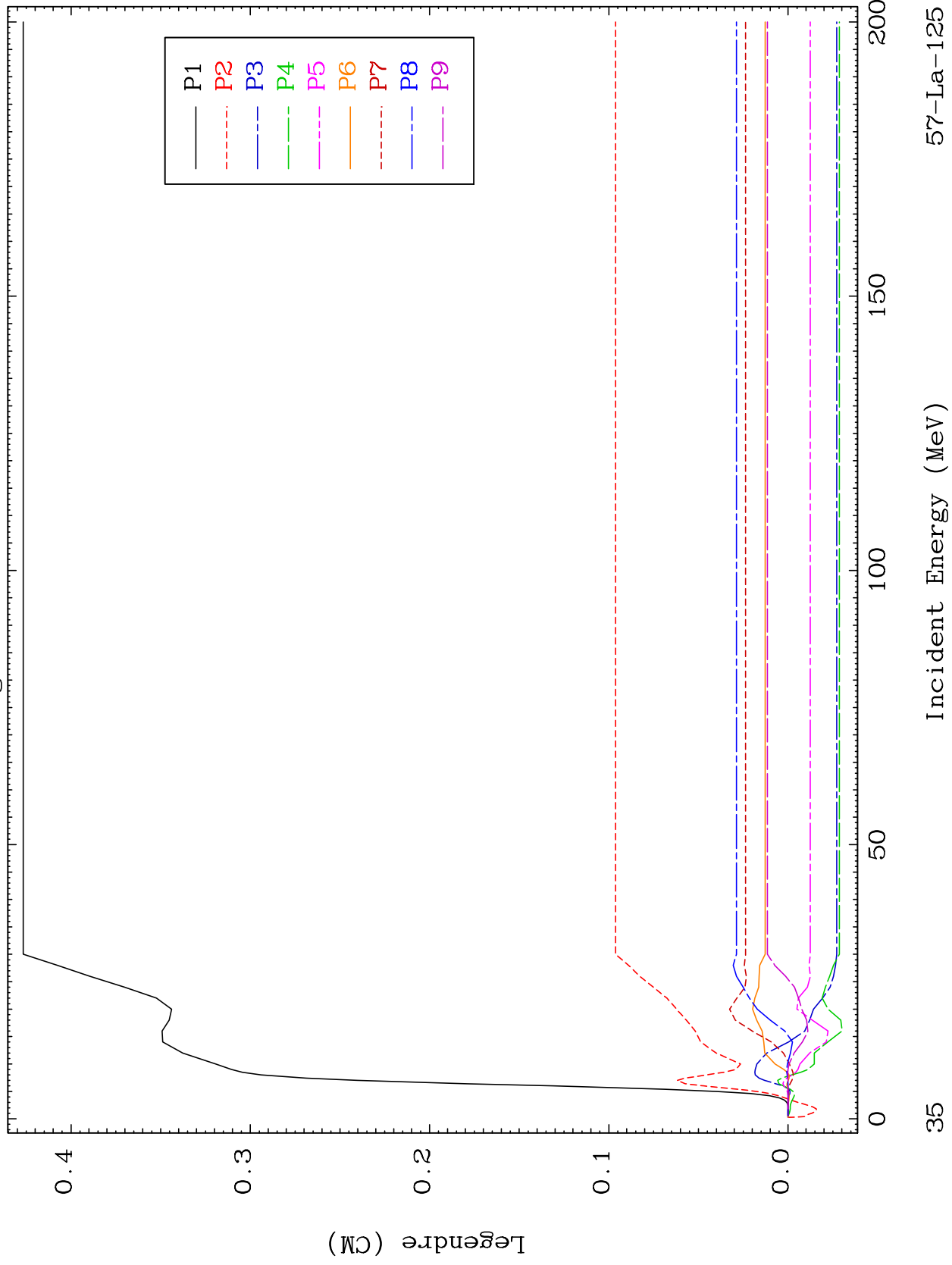
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50

MAT 5686

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

57-La-125

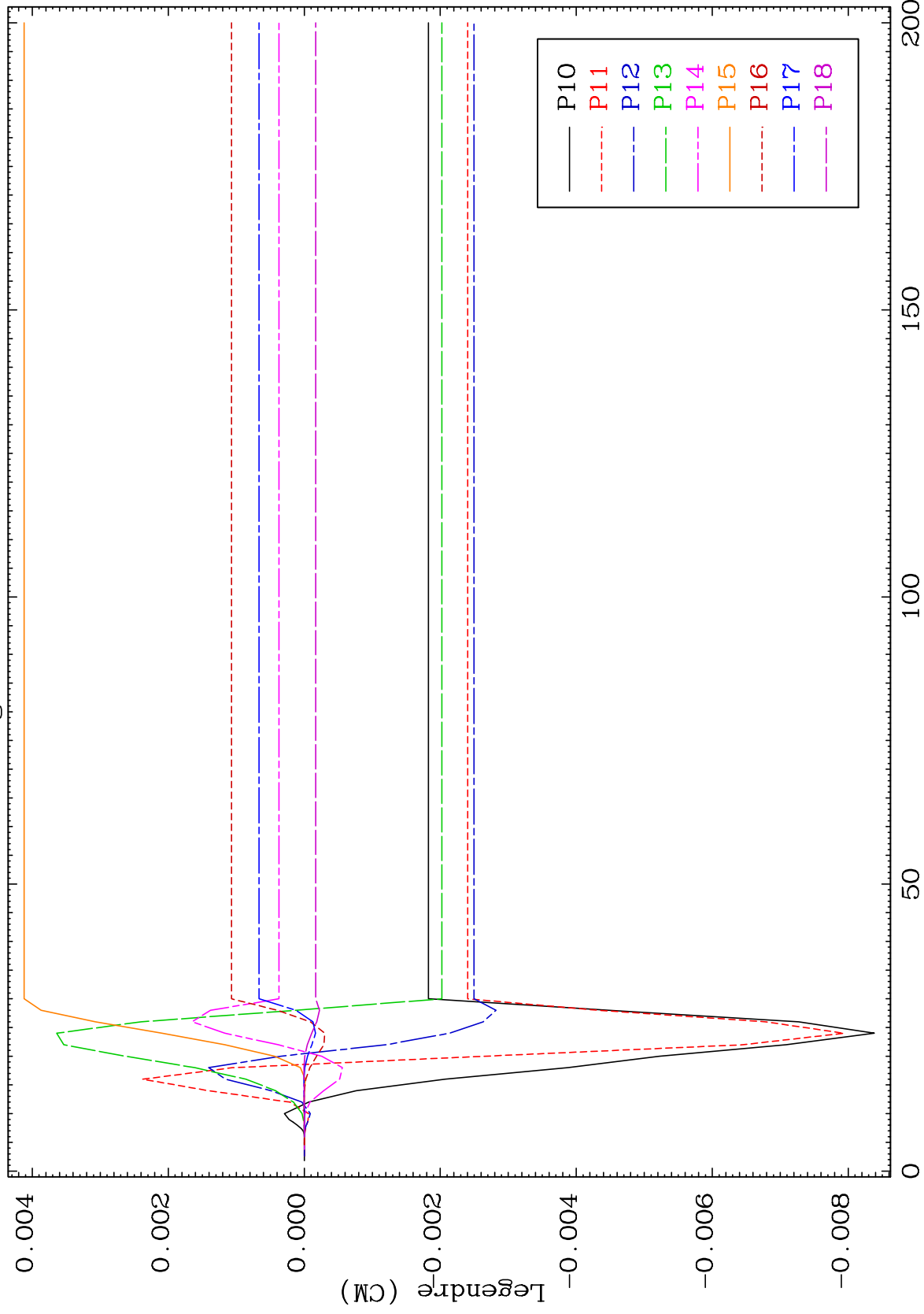


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MAT 5686

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

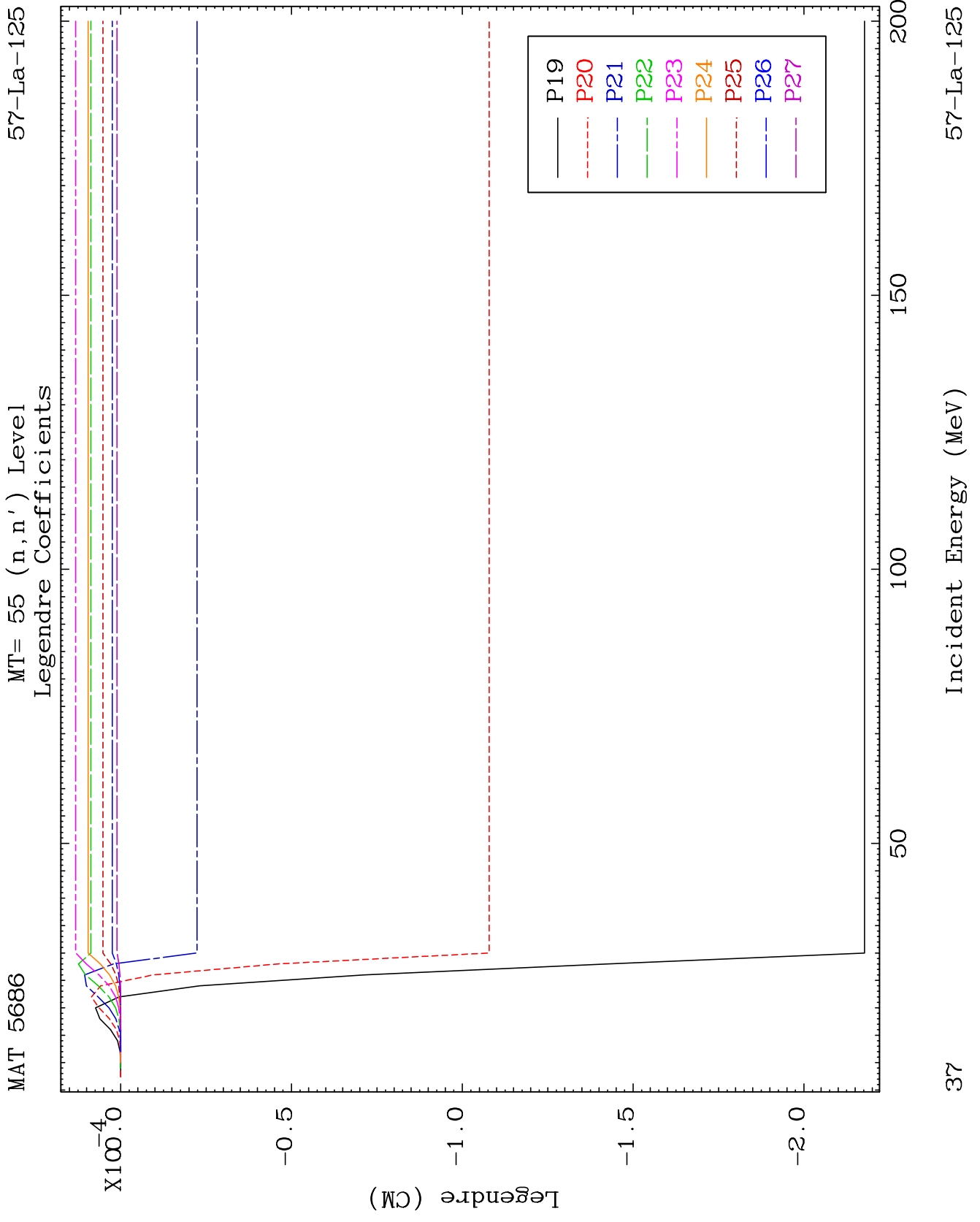
57-La-125



36

Incident Energy (MeV)

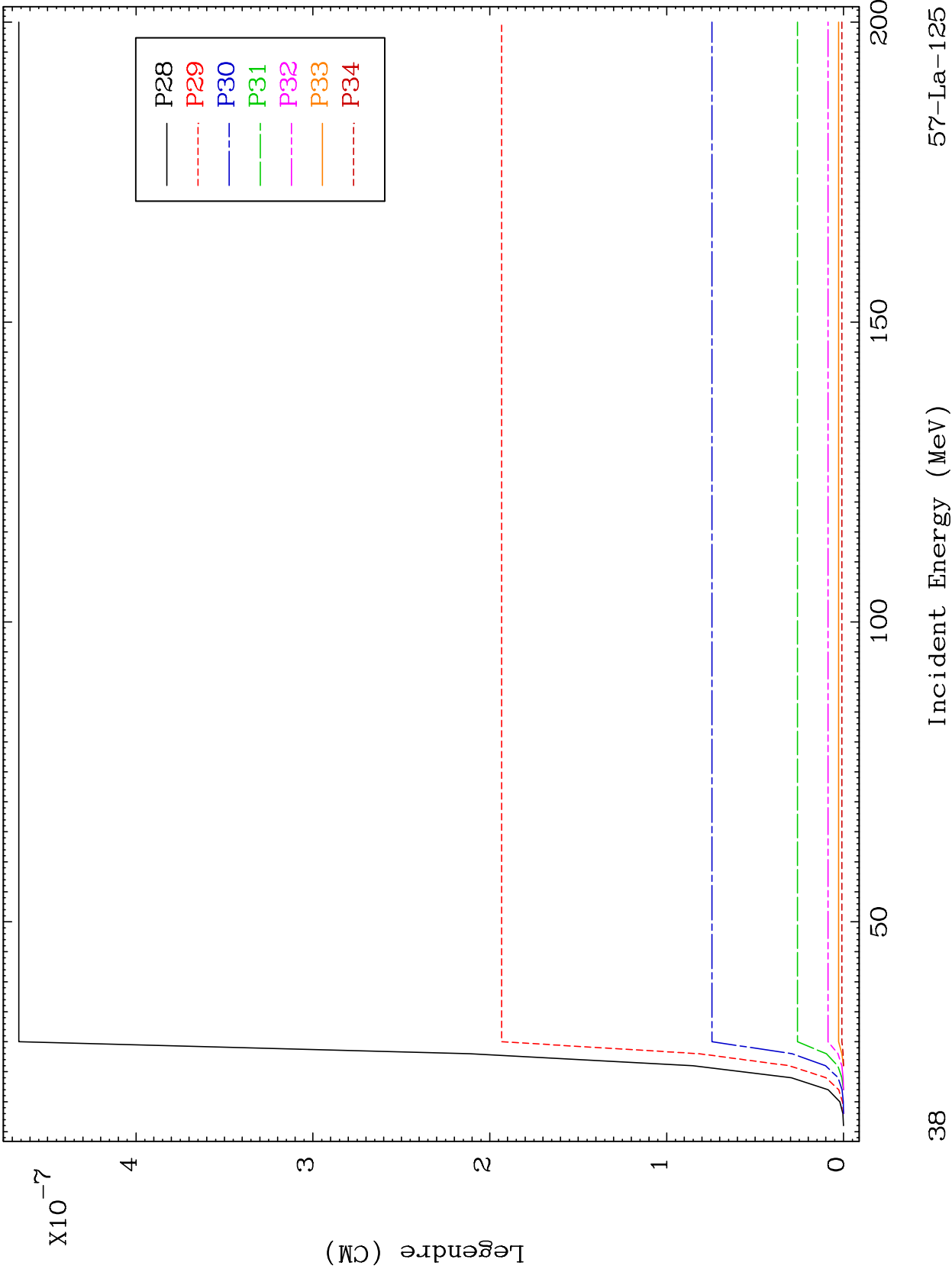
57-La-125



MAT 5686

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

57-La-125



38

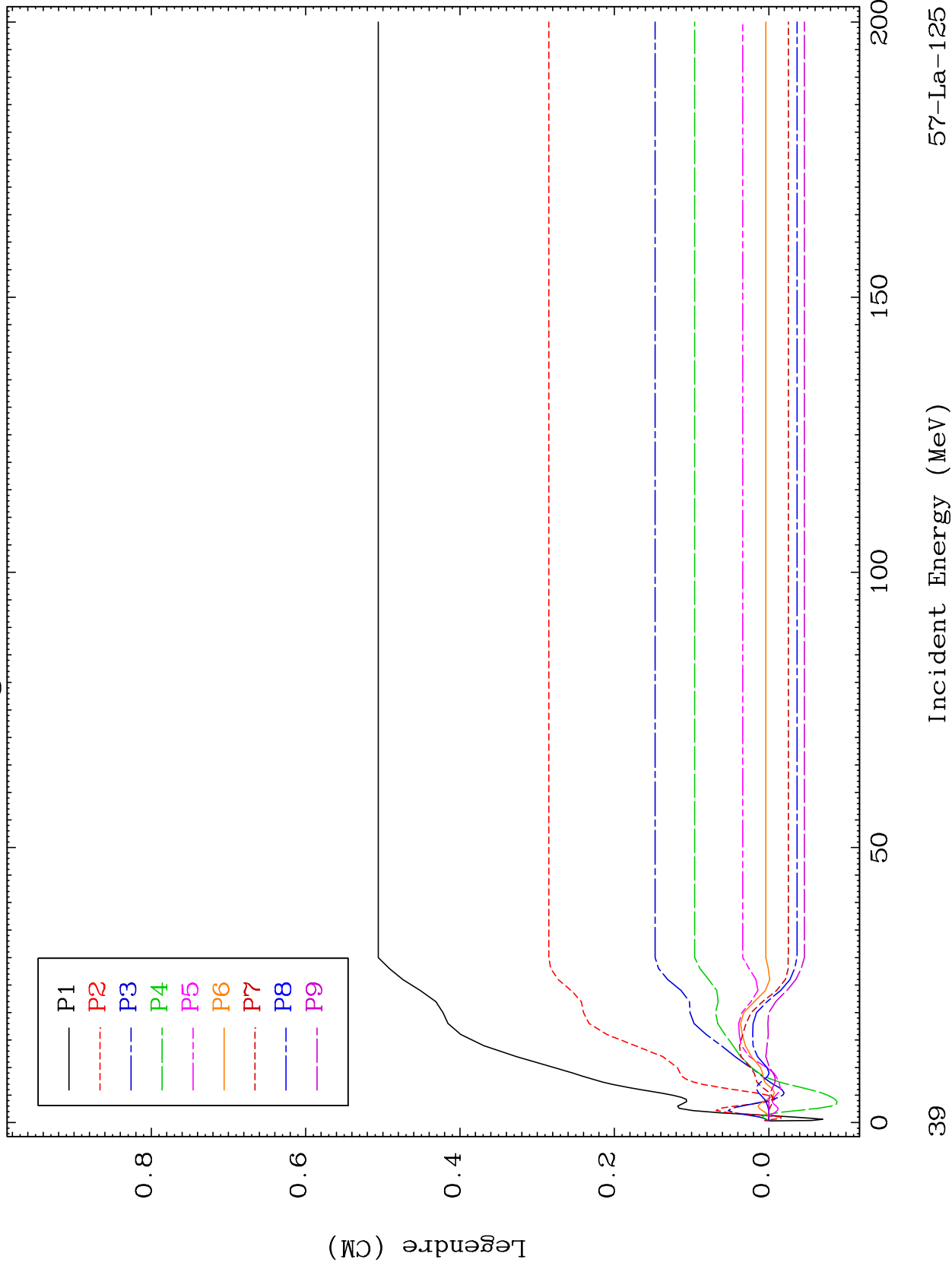
Incident Energy (MeV)

57-La-125

MAT 5686

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

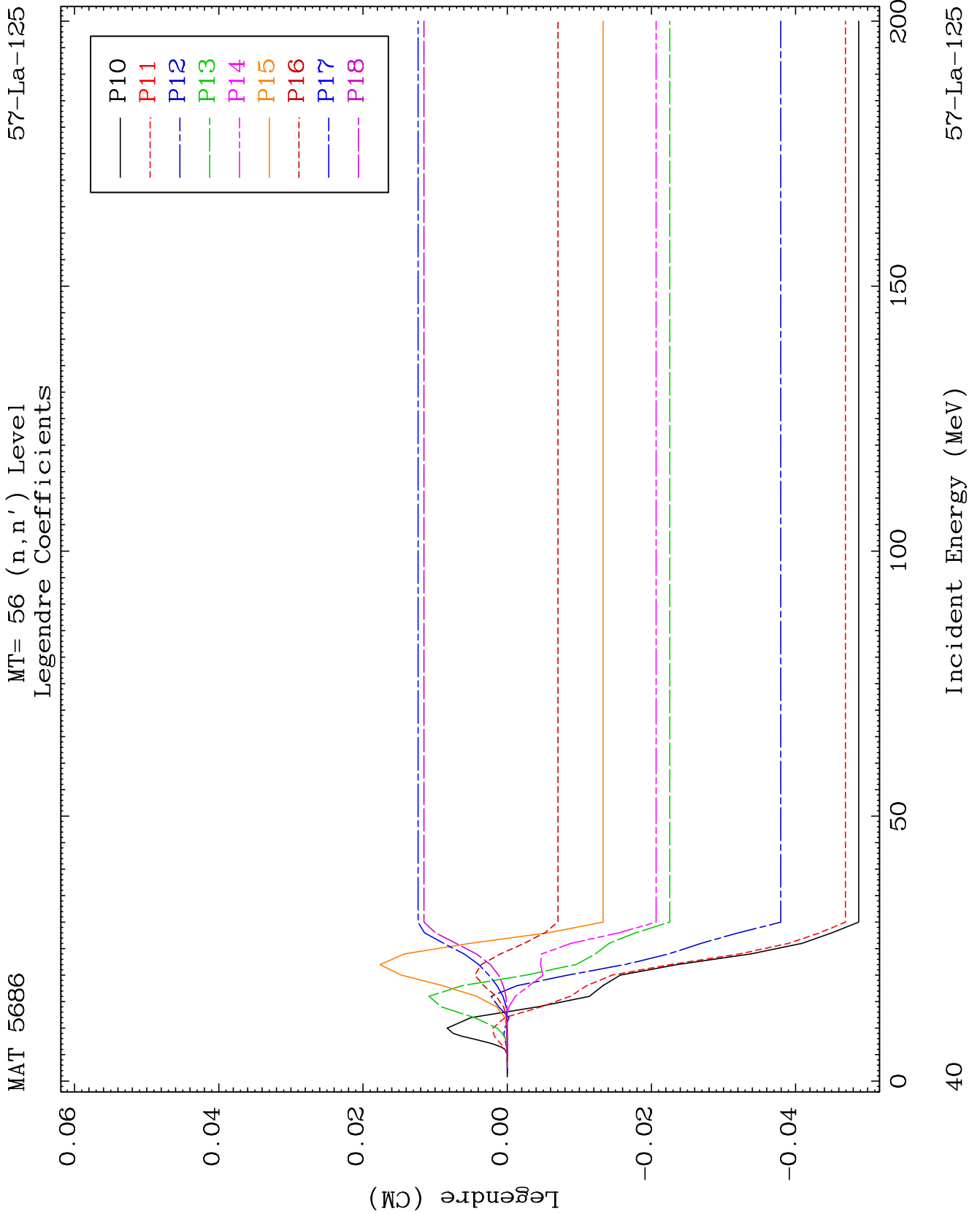
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39

Incident Energy (MeV)

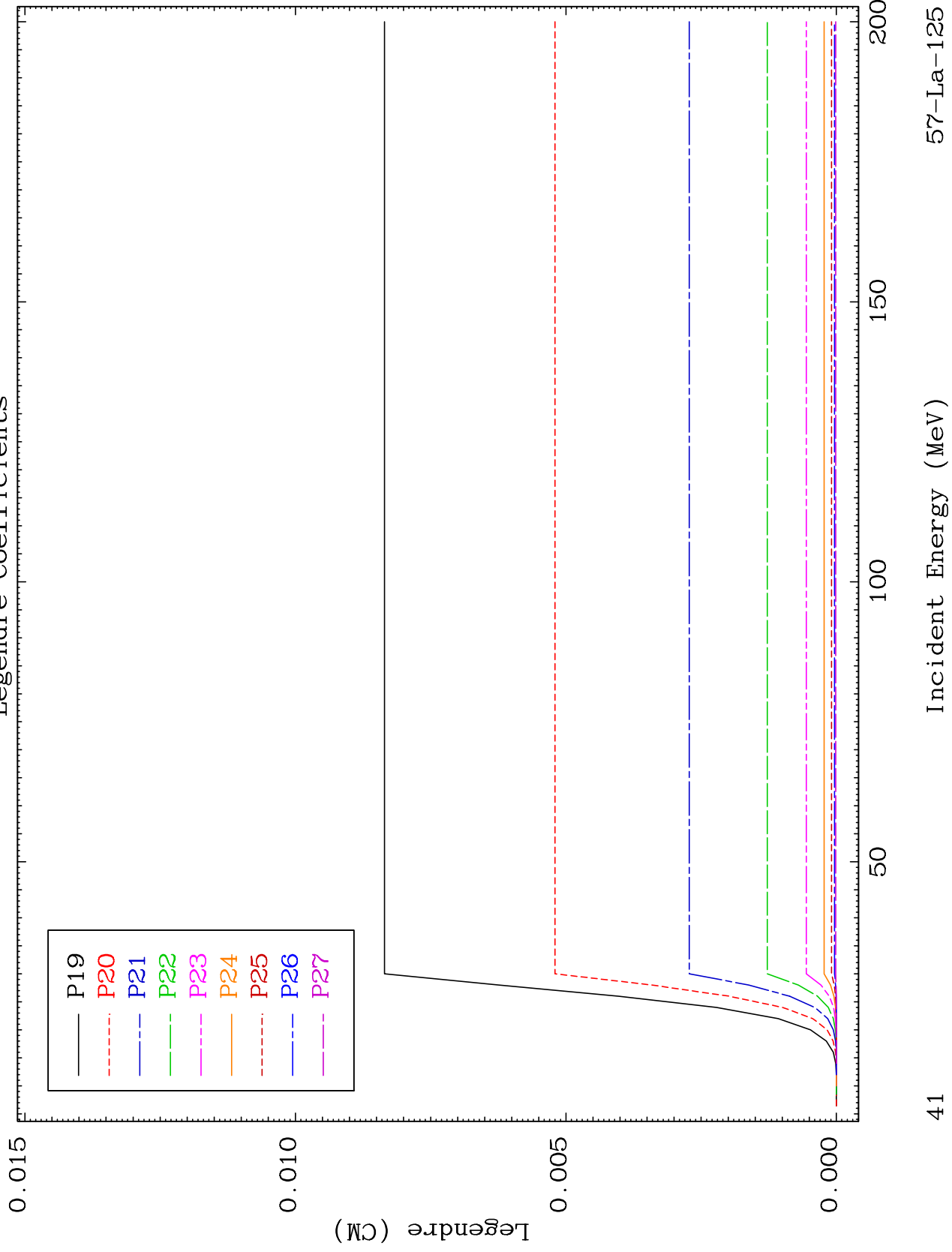
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MAT 5686

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

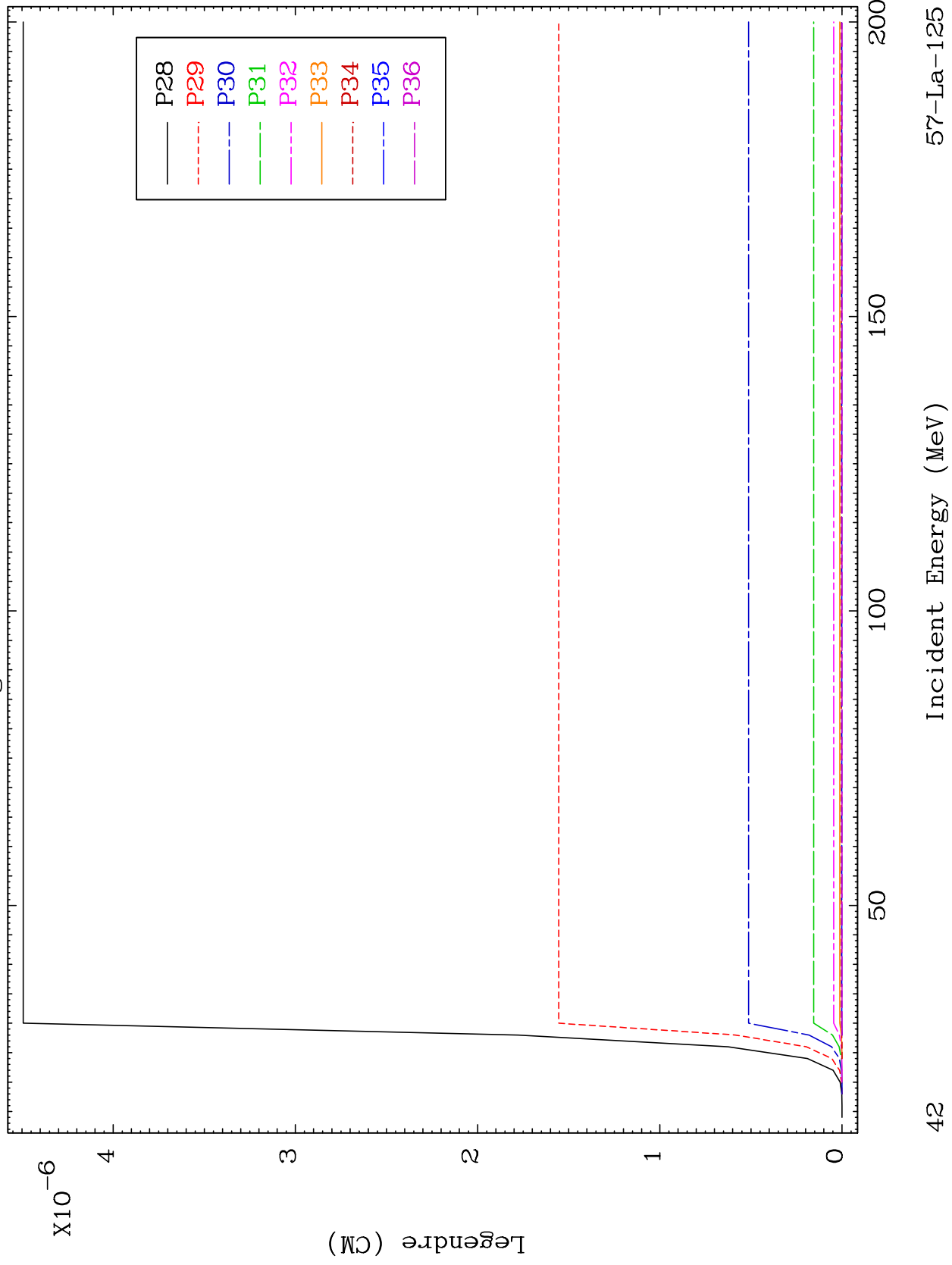
57-La-125



MAT 5686

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

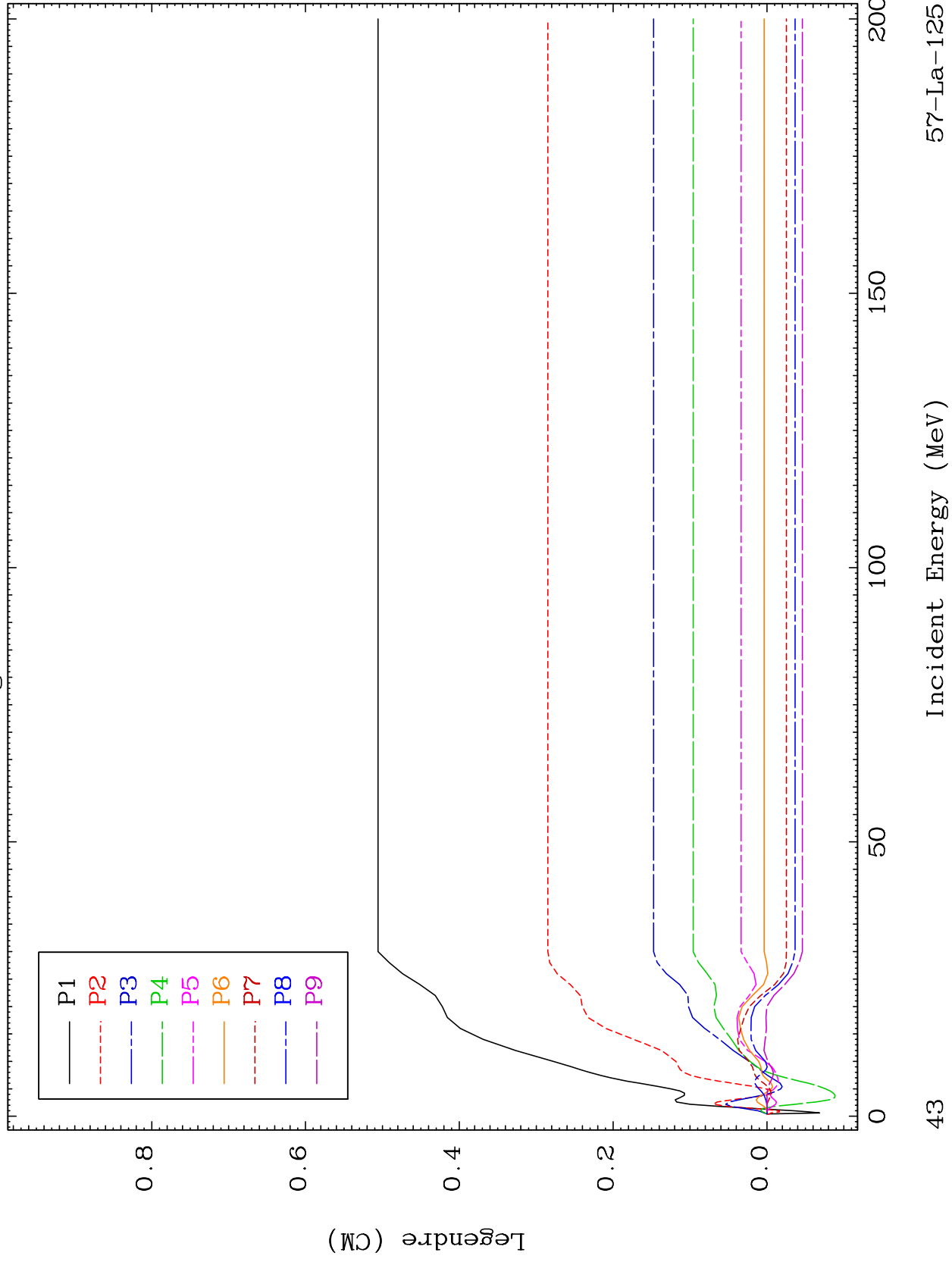
57-La-125



MAT 5686

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

57-La-125



57-La-125

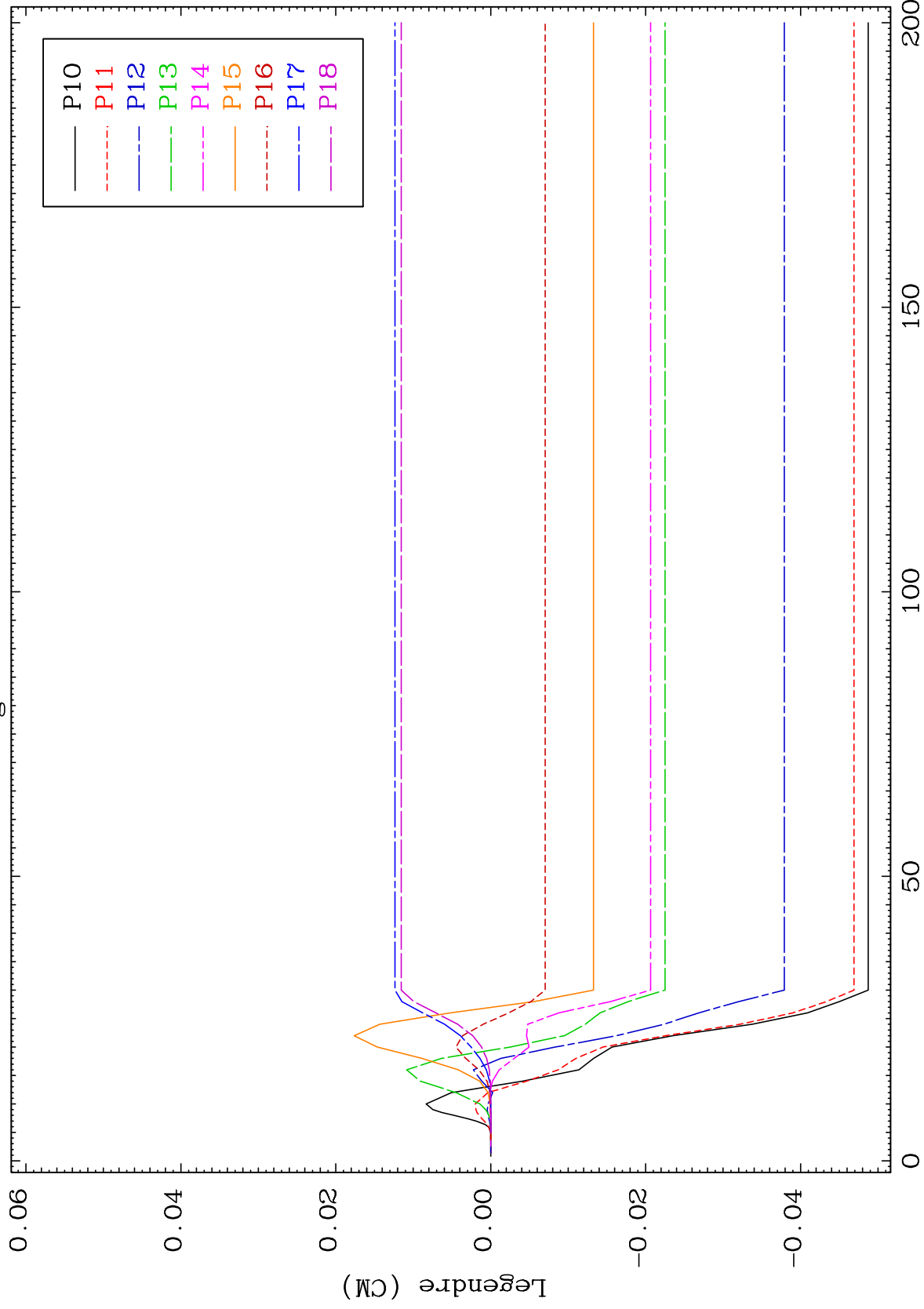
Incident Energy (MeV)

43

MAT 5686

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

57-La-125



44

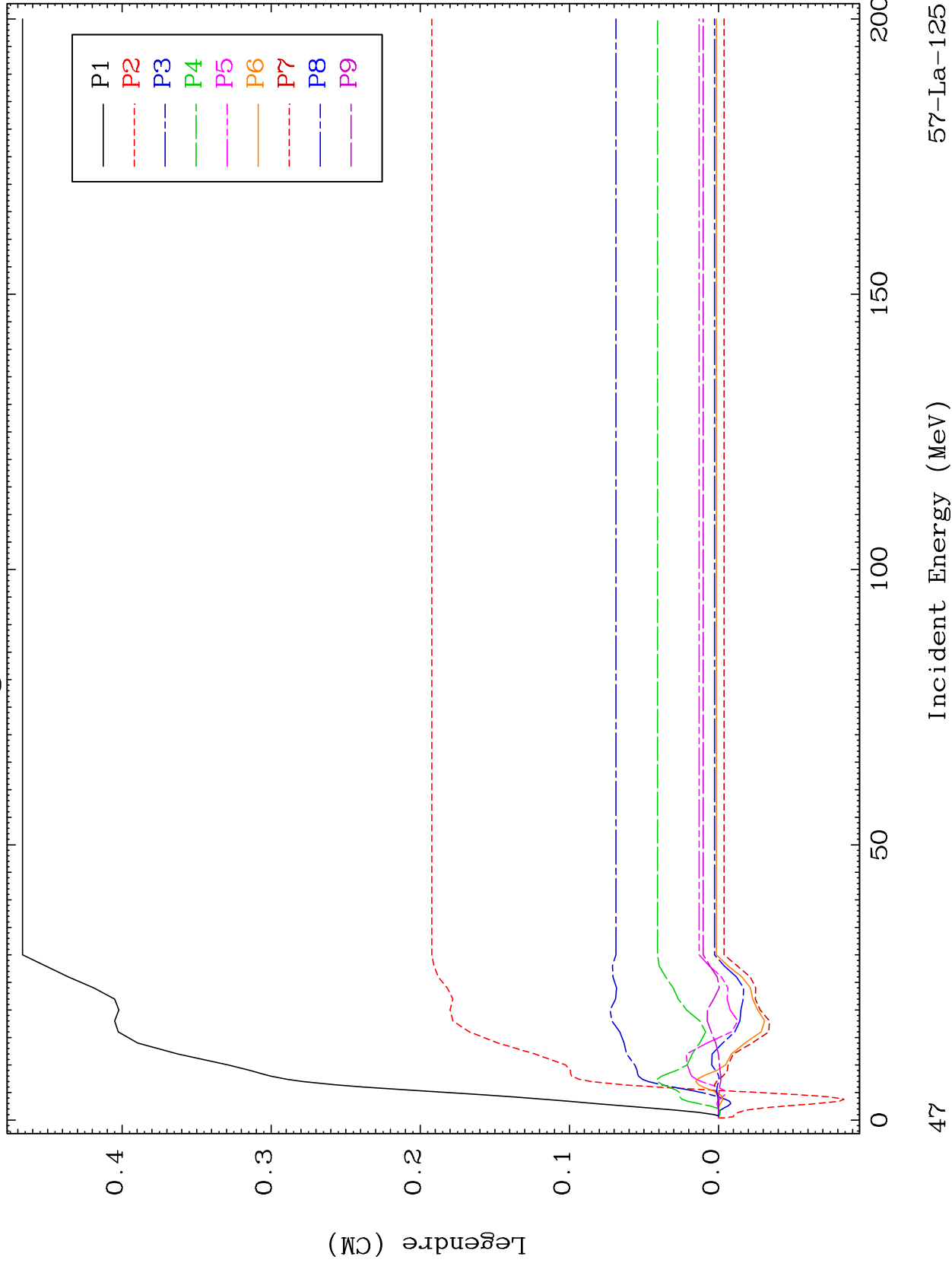
Incident Energy (MeV)

57-La-125

MAT 5686

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

57-La-125



57-La-125

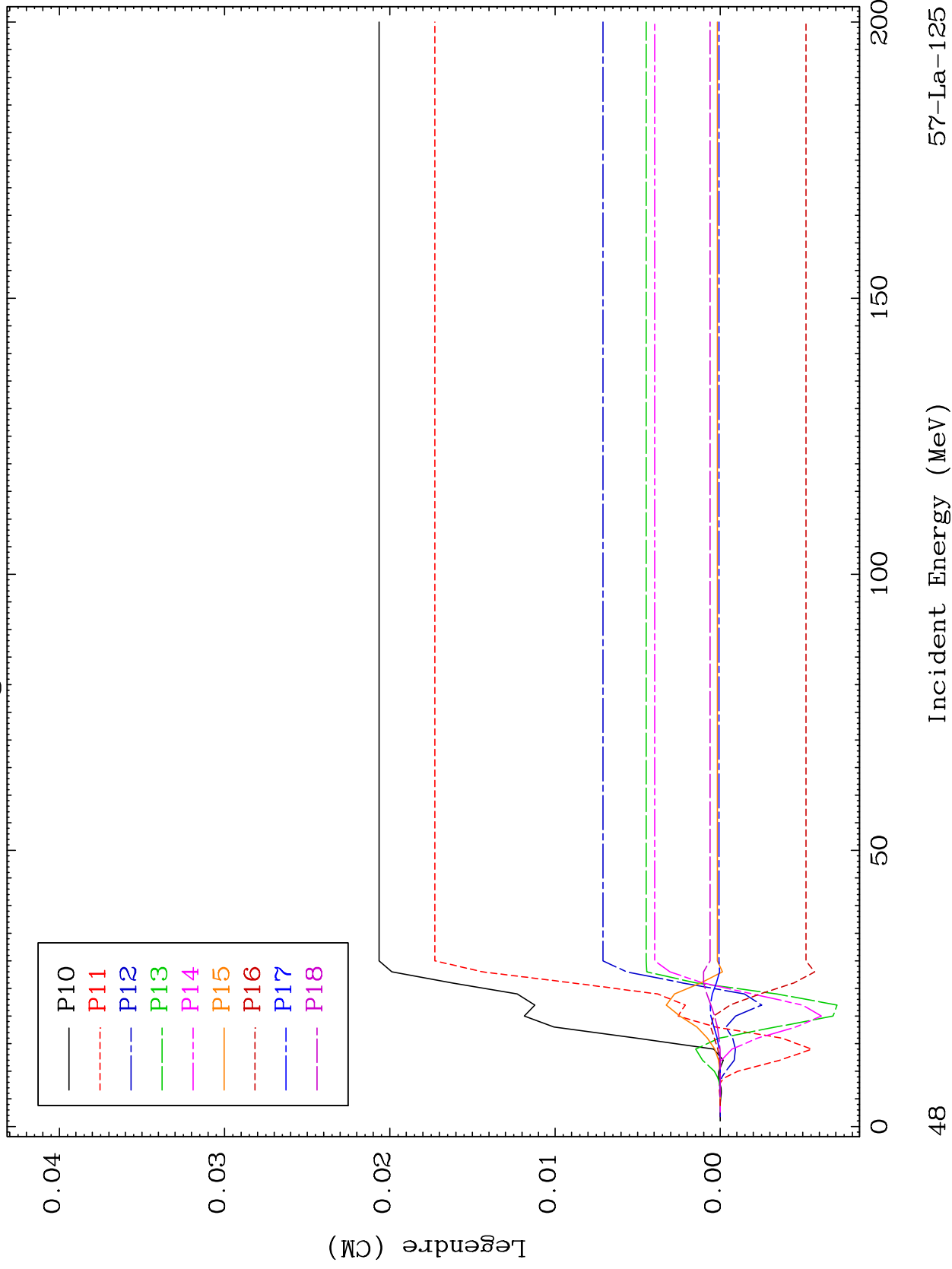
Incident Energy (MeV)

47

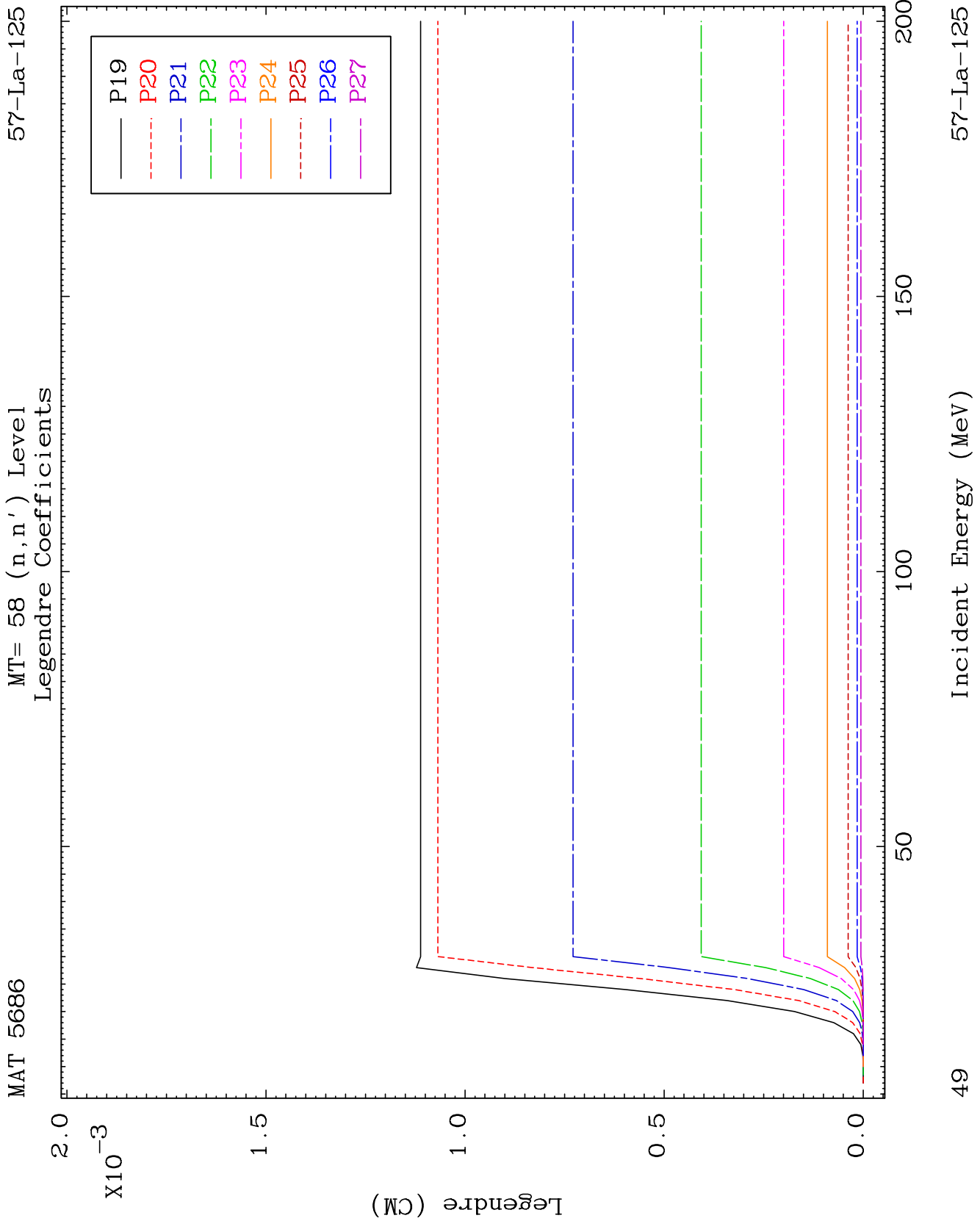
MAT 5686

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

57-La-125



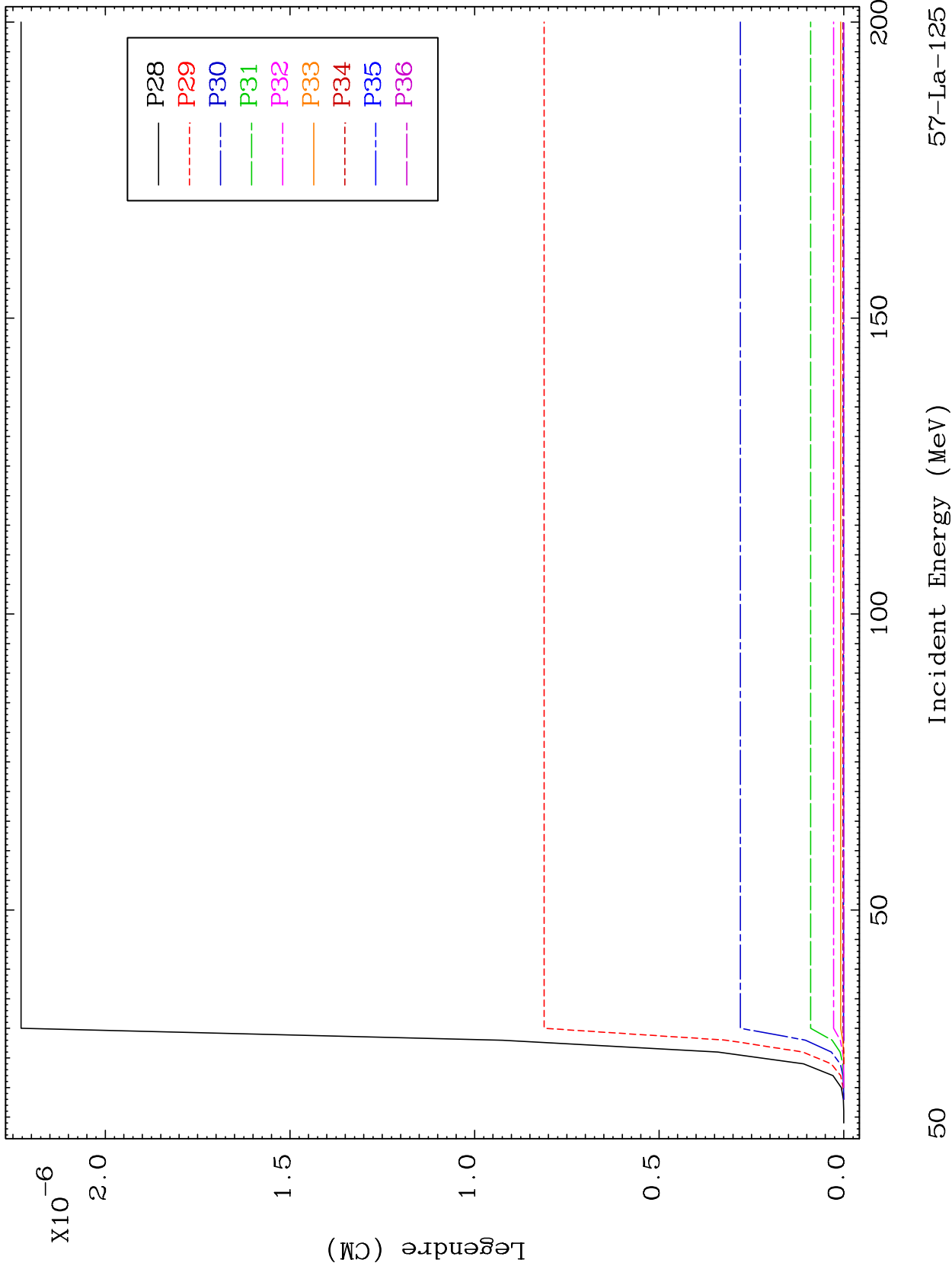
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MAT 5686

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

57-La-125

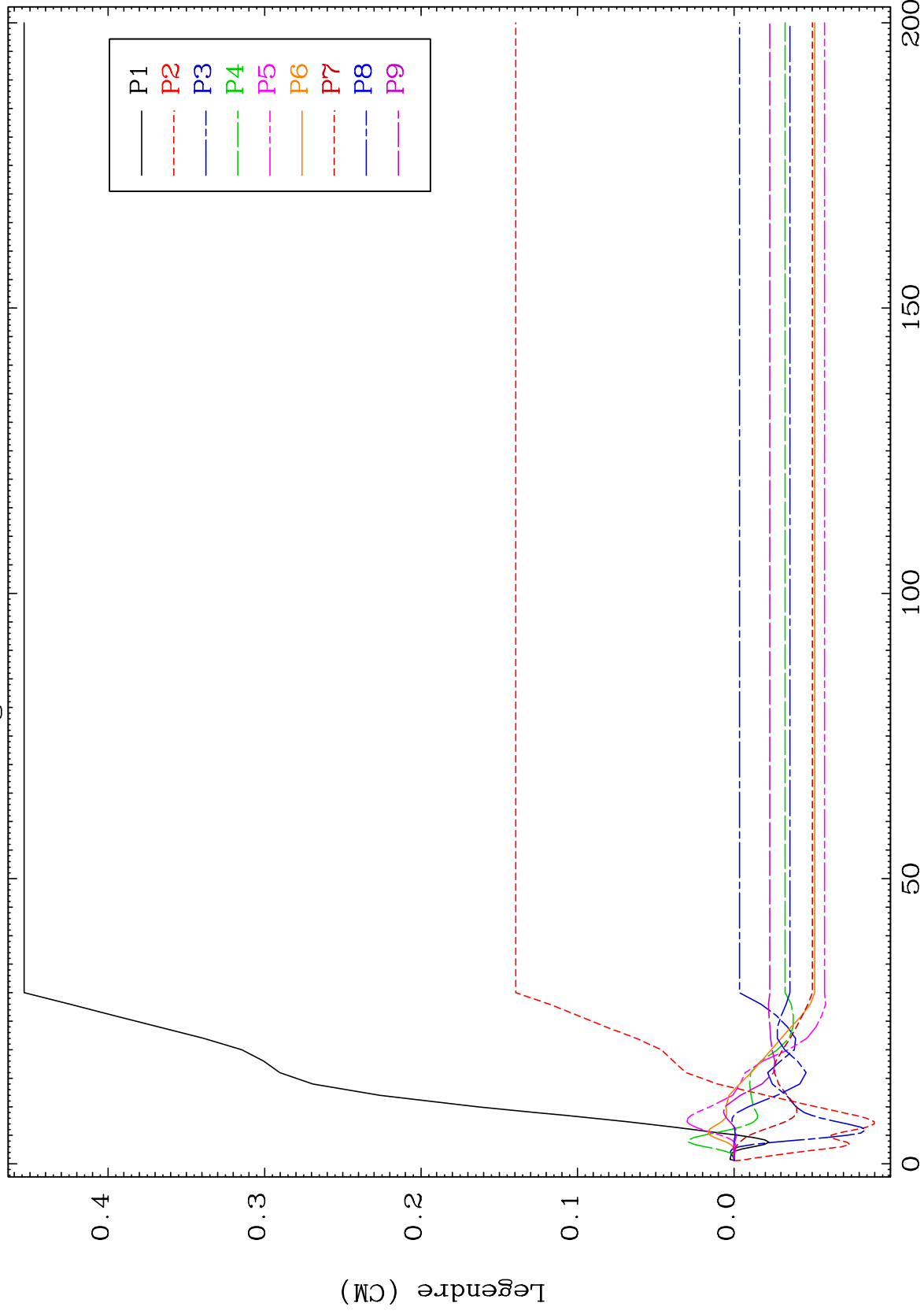


57-La-125

MAT 5686

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

57-La-125



57-La-125

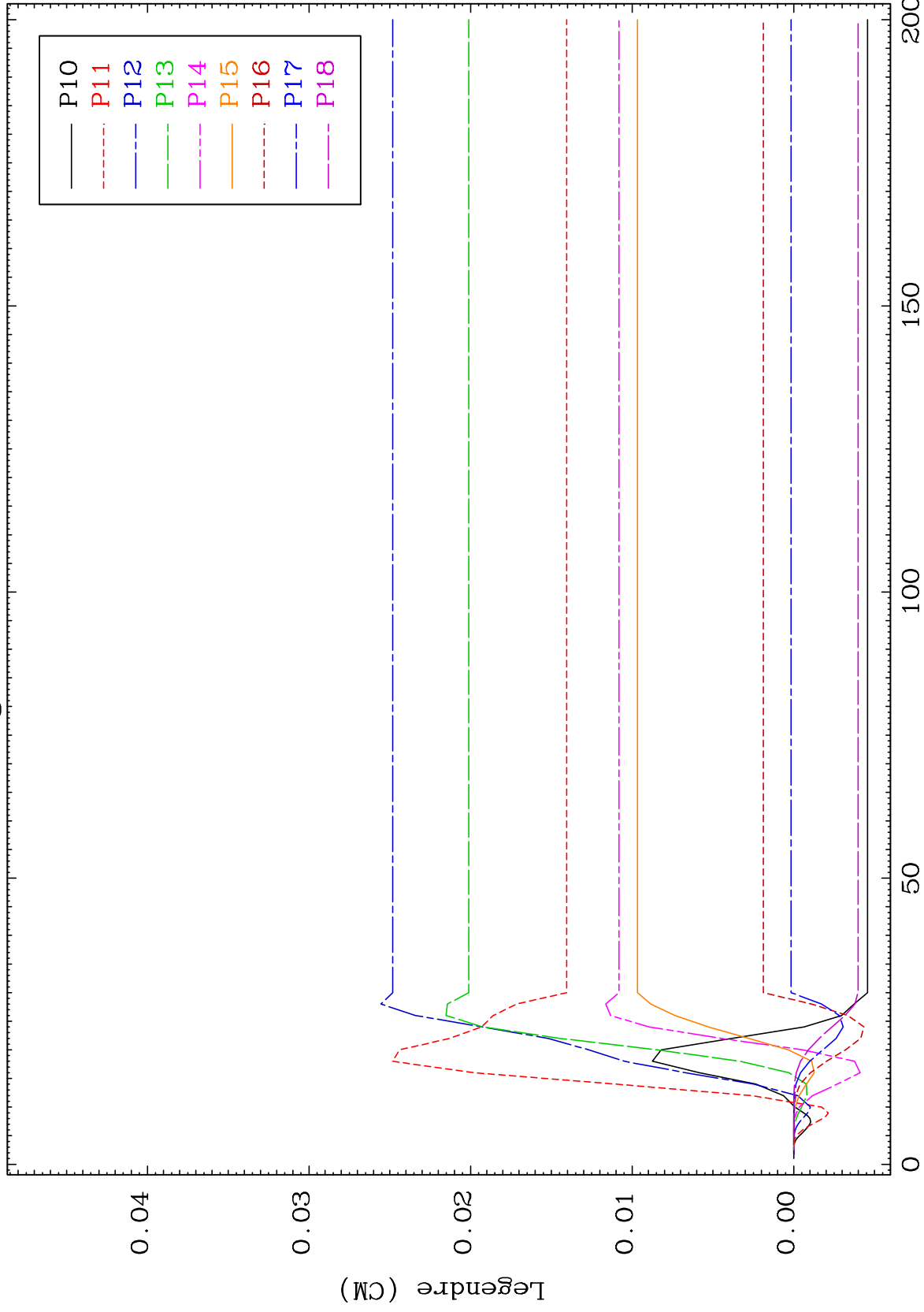
Incident Energy (MeV)

51

MAT 5686

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

57-La-125



52

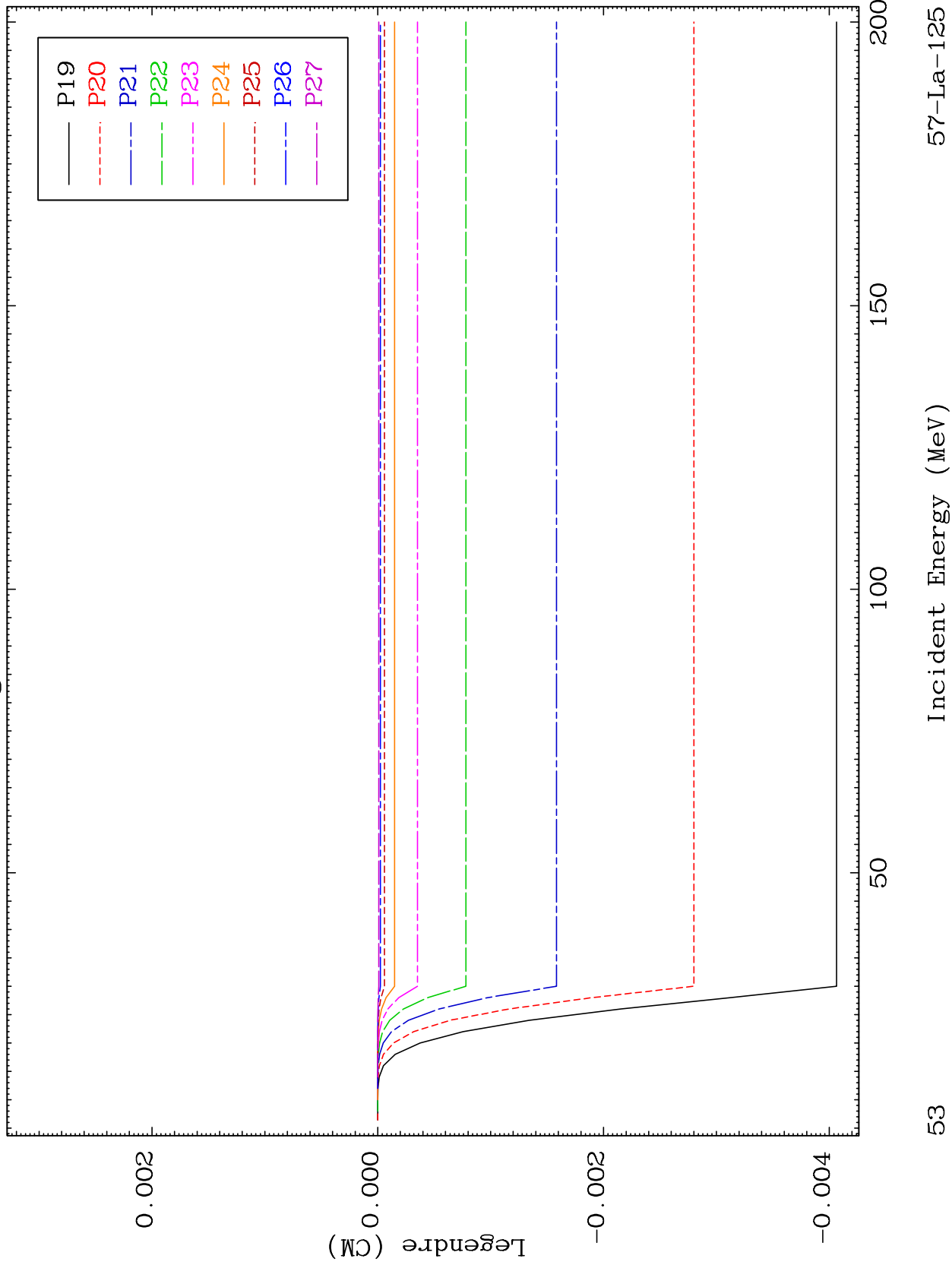
Incident Energy (MeV)

57-La-125

MAT 5686

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

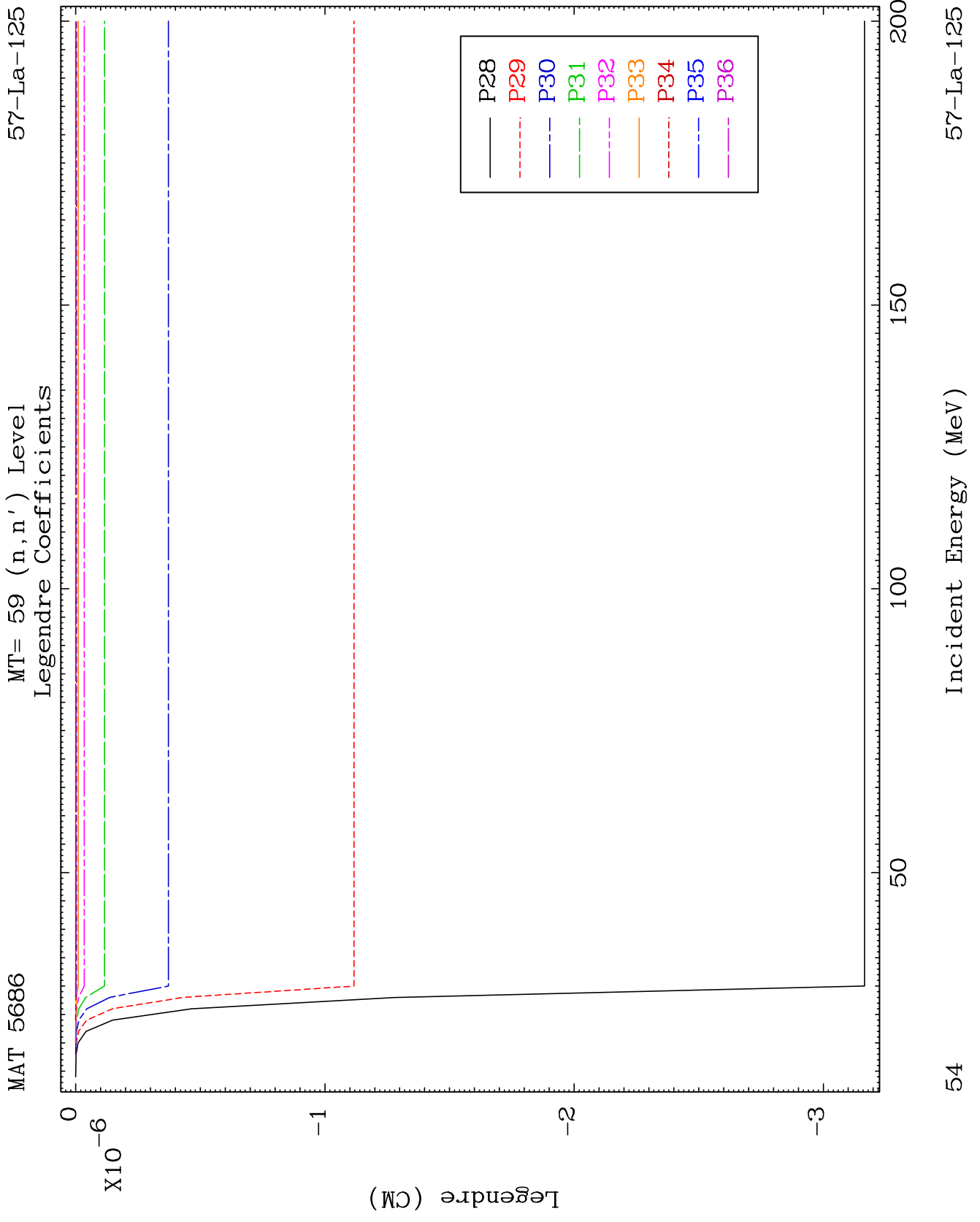
57-La-125



53

Incident Energy (MeV)

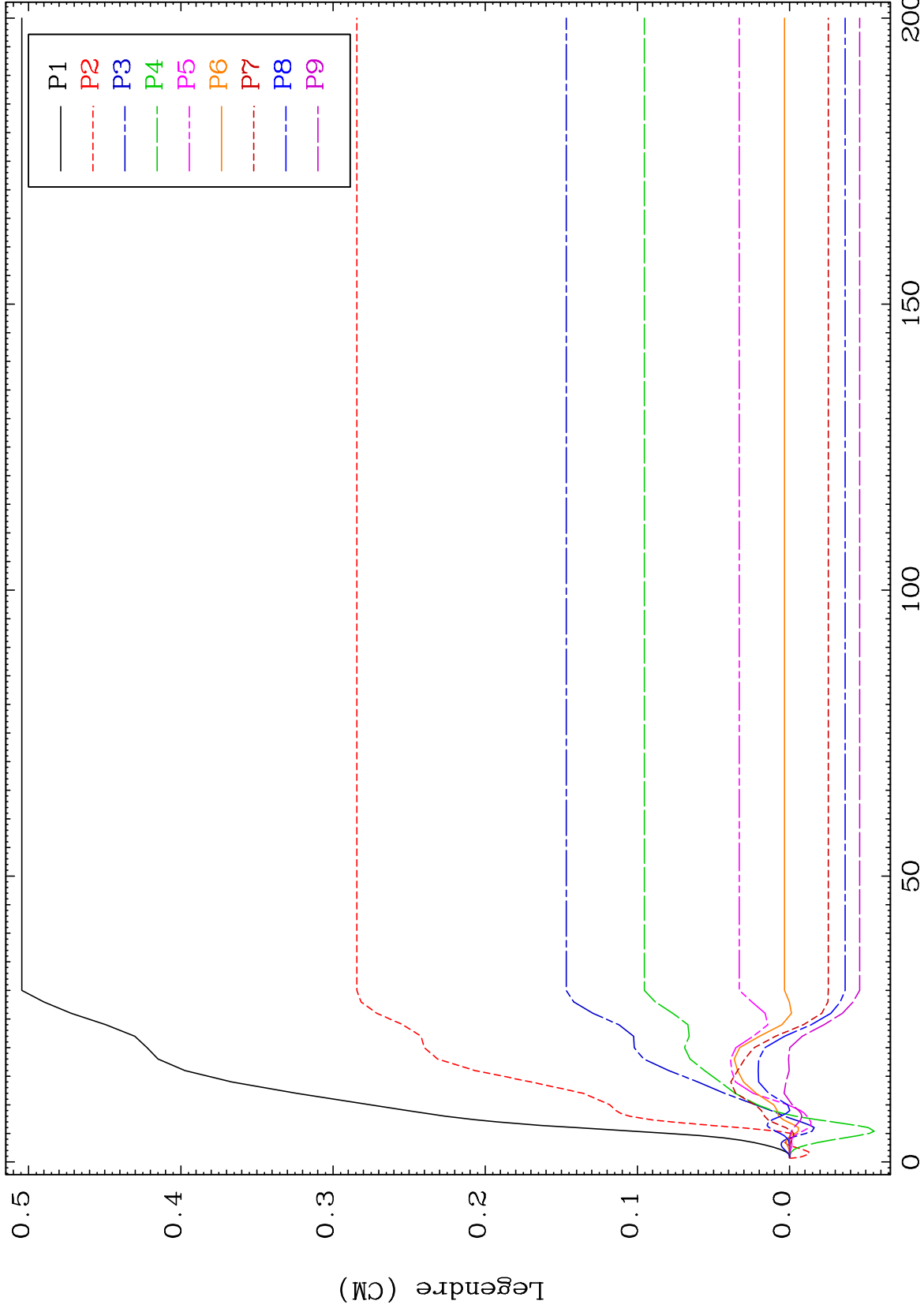
57-La-125



MAT 5686

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

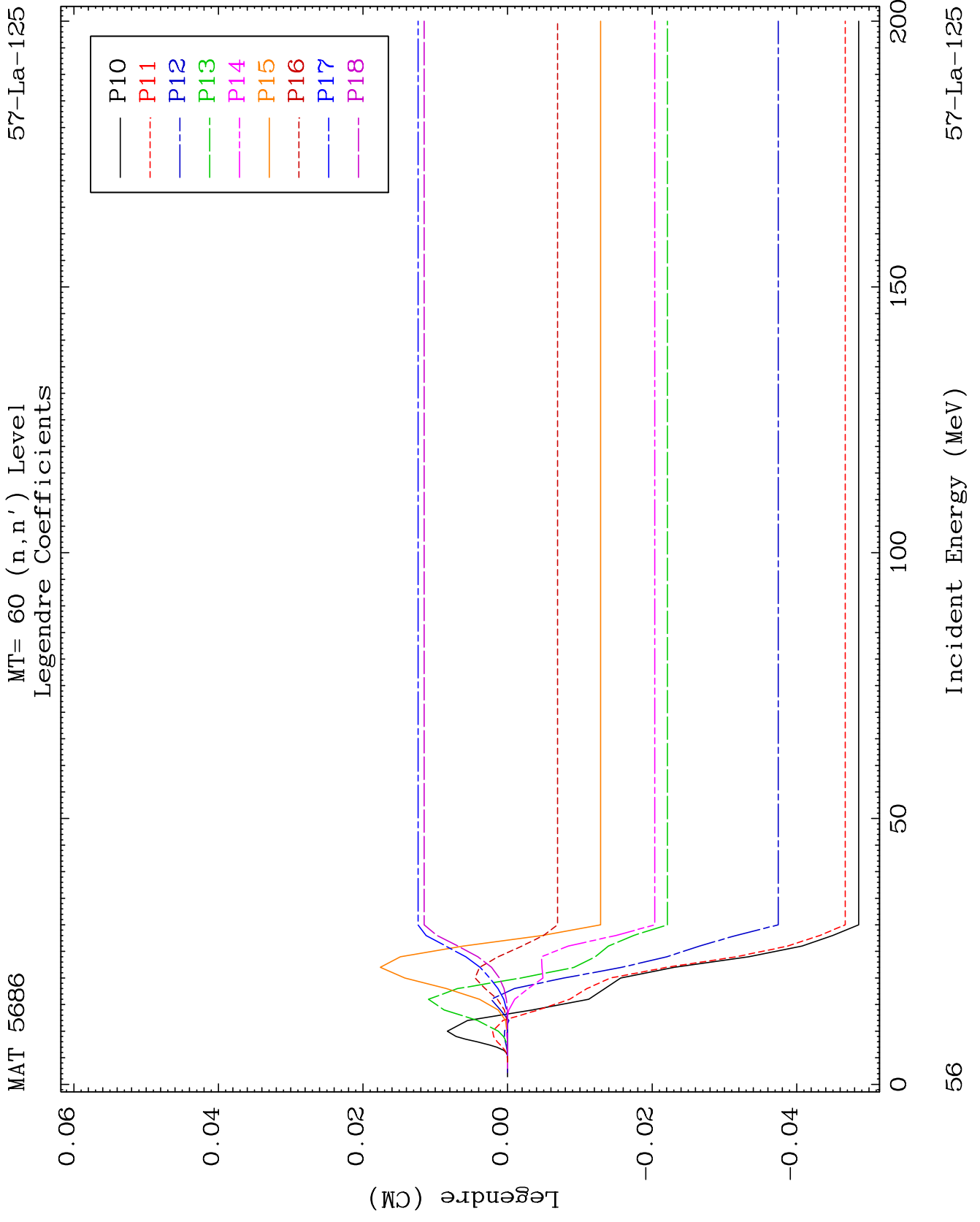
57-La-125



57-La-125

Incident Energy (MeV)

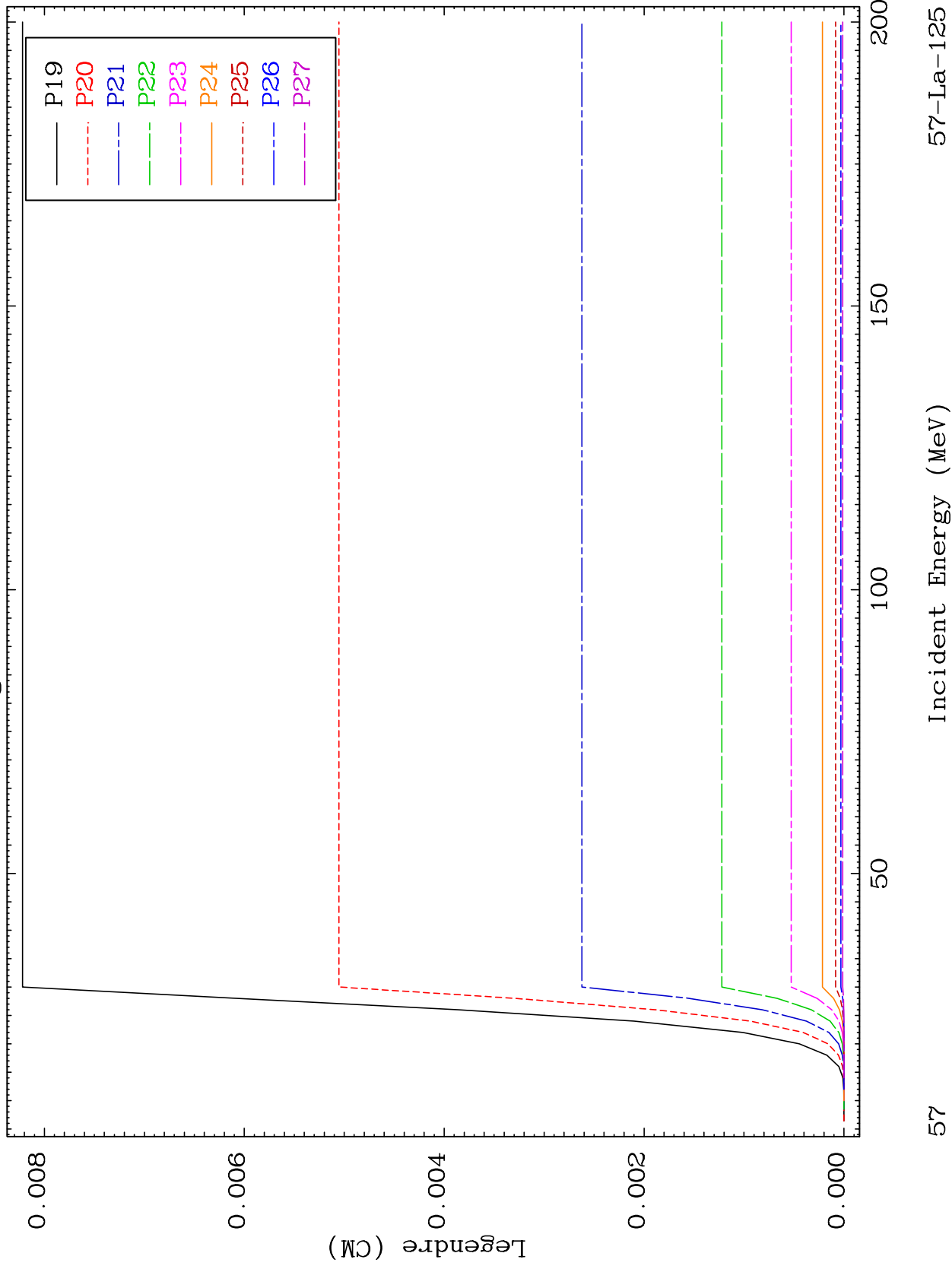
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MAT 5686

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

57-La-125



57

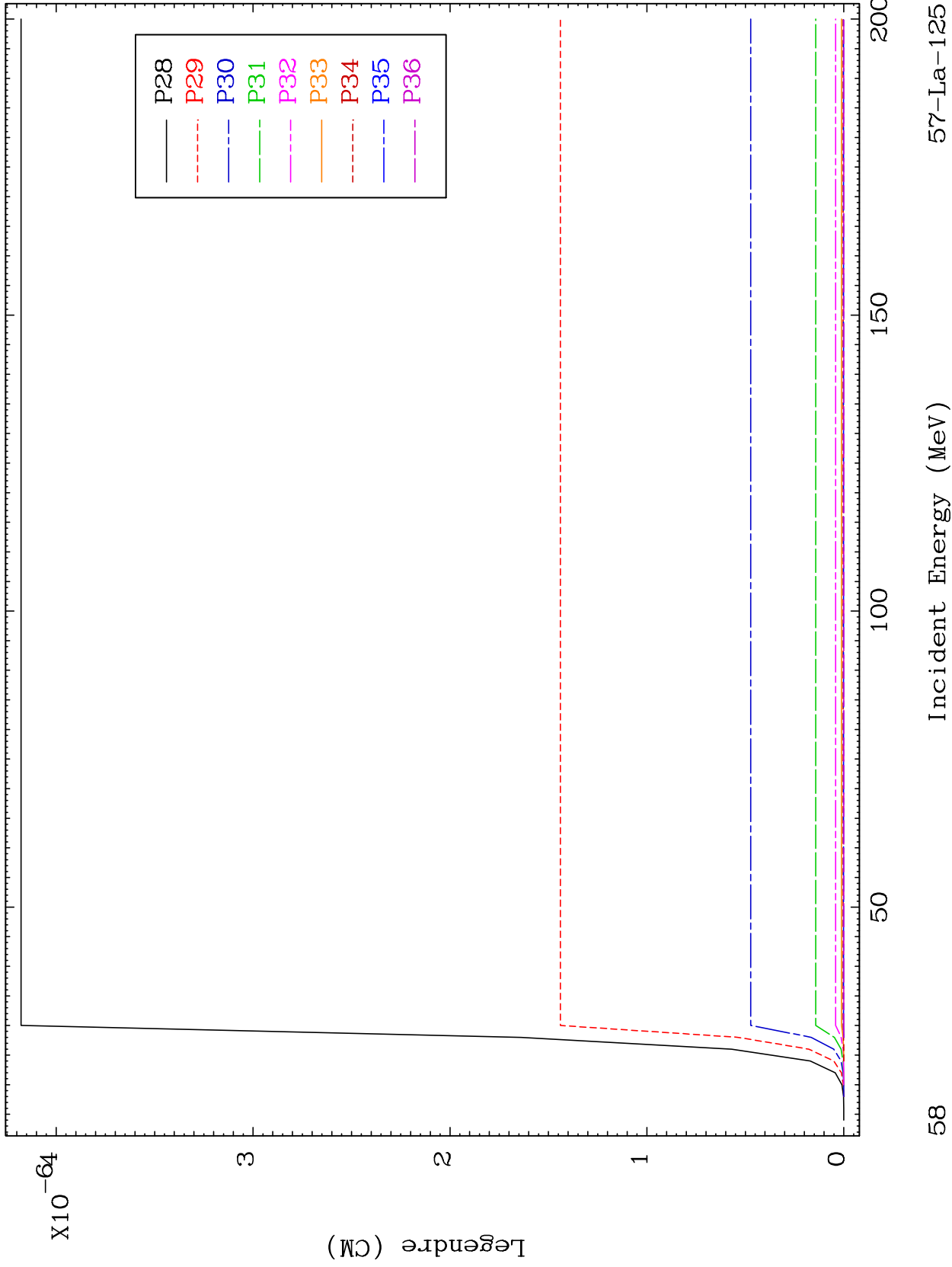
Incident Energy (MeV)

57-La-125

MAT 5686

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

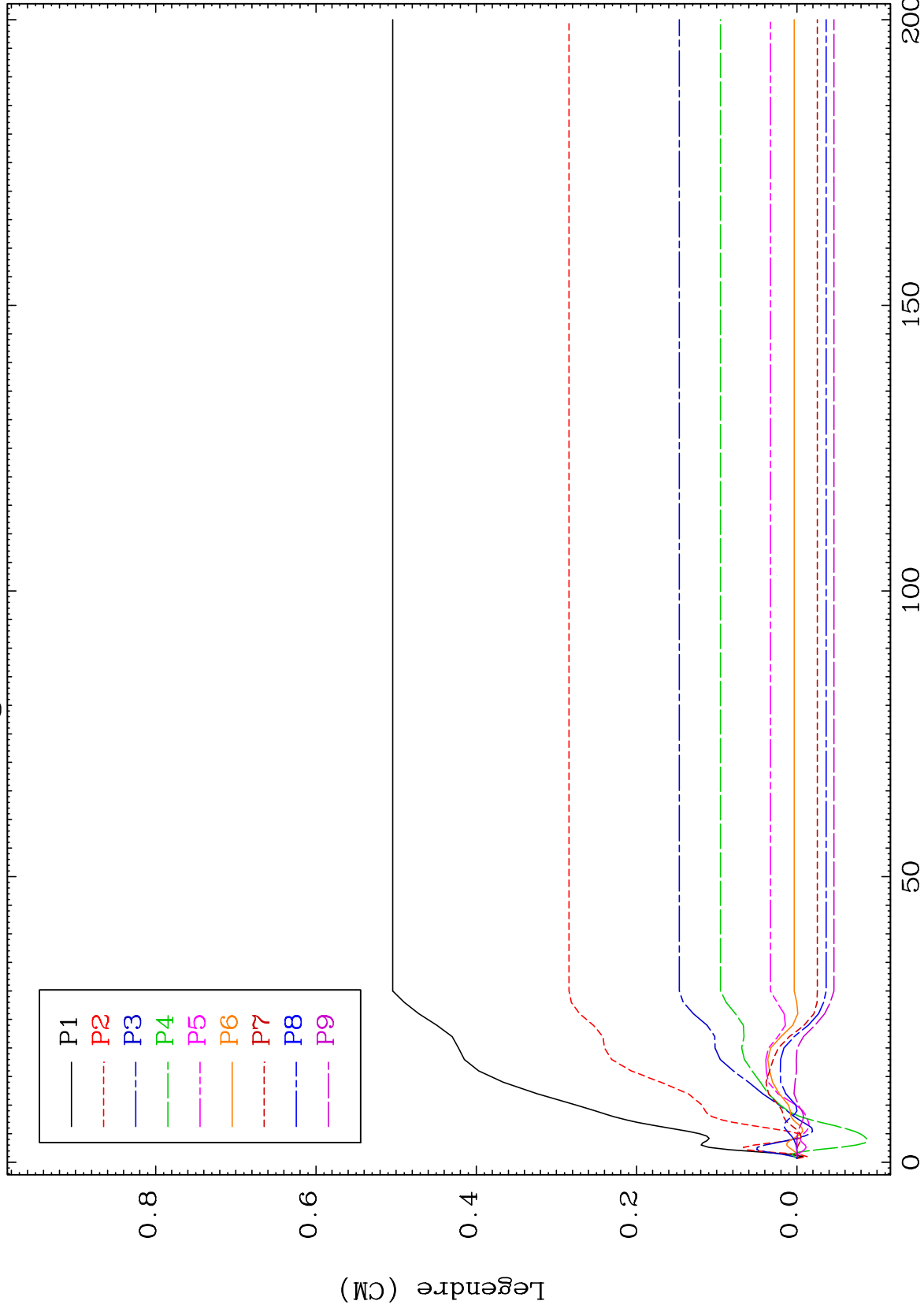
57-La-125



MAT 5686

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

57-La-125



59

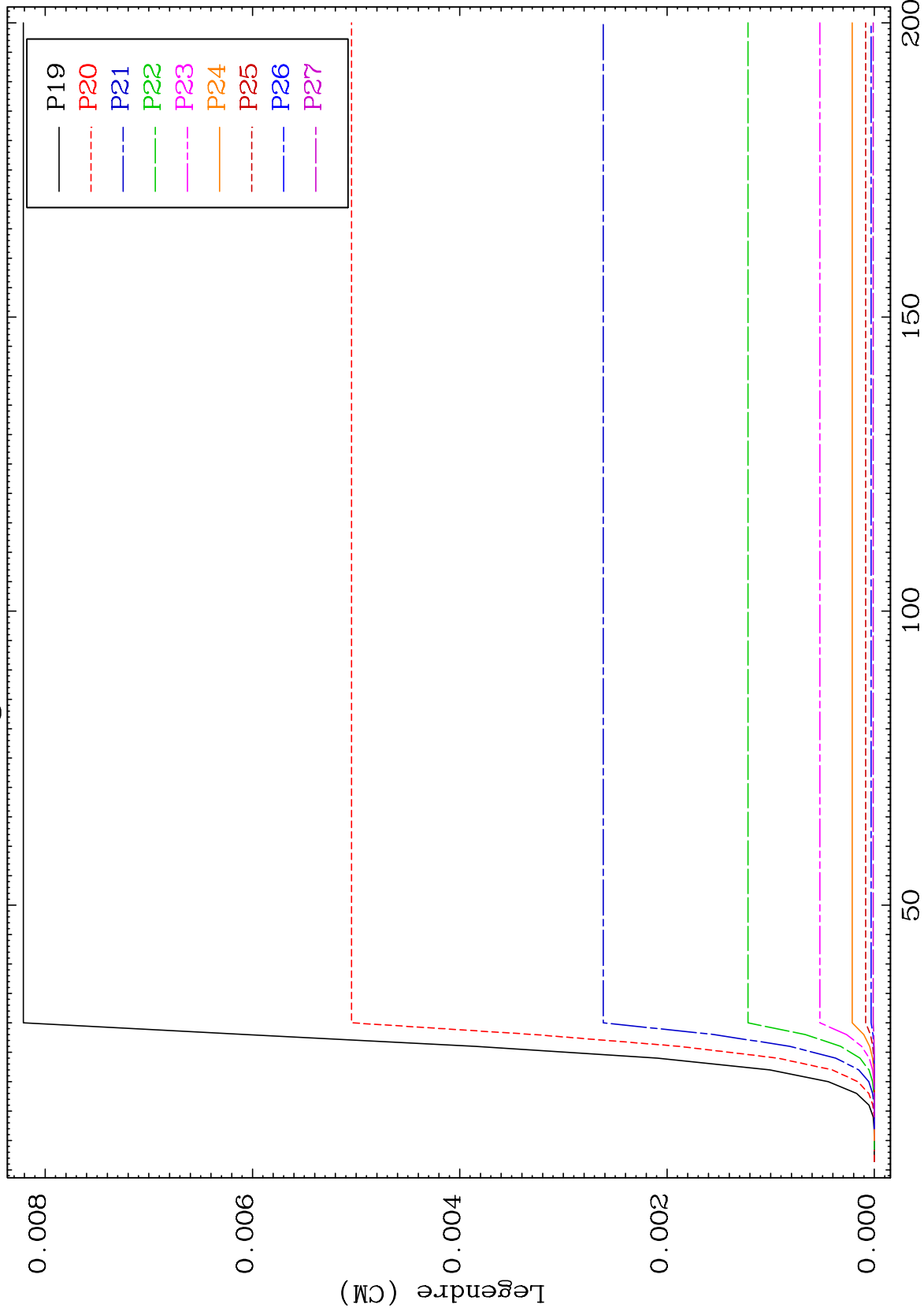
Incident Energy (MeV)

57-La-125

MAT 5686

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

57-La-125



61

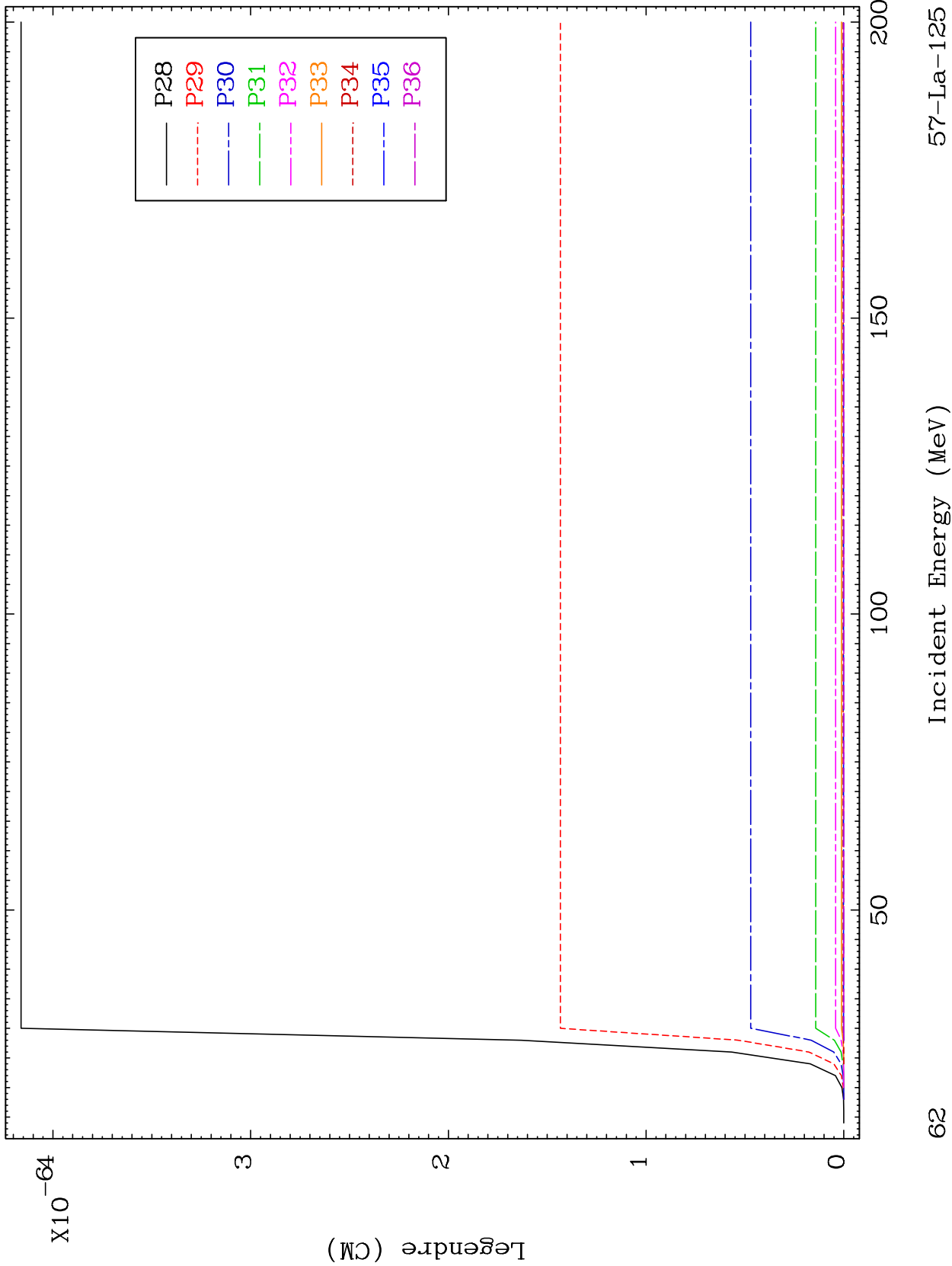
Incident Energy (MeV)

57-La-125

MAT 5686

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

57-La-125



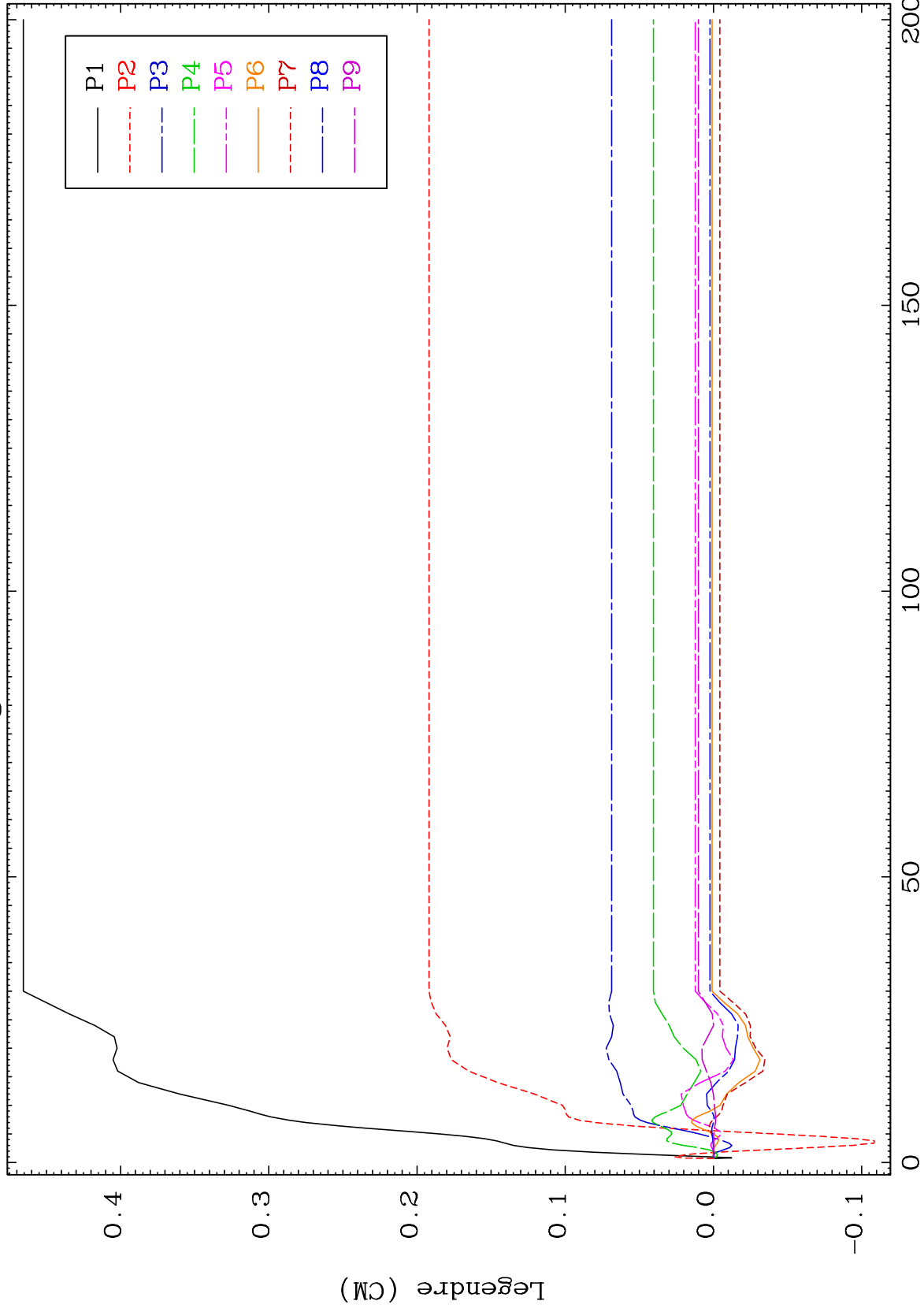
62

57-La-125

MAT 5686

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

57-La-125



63

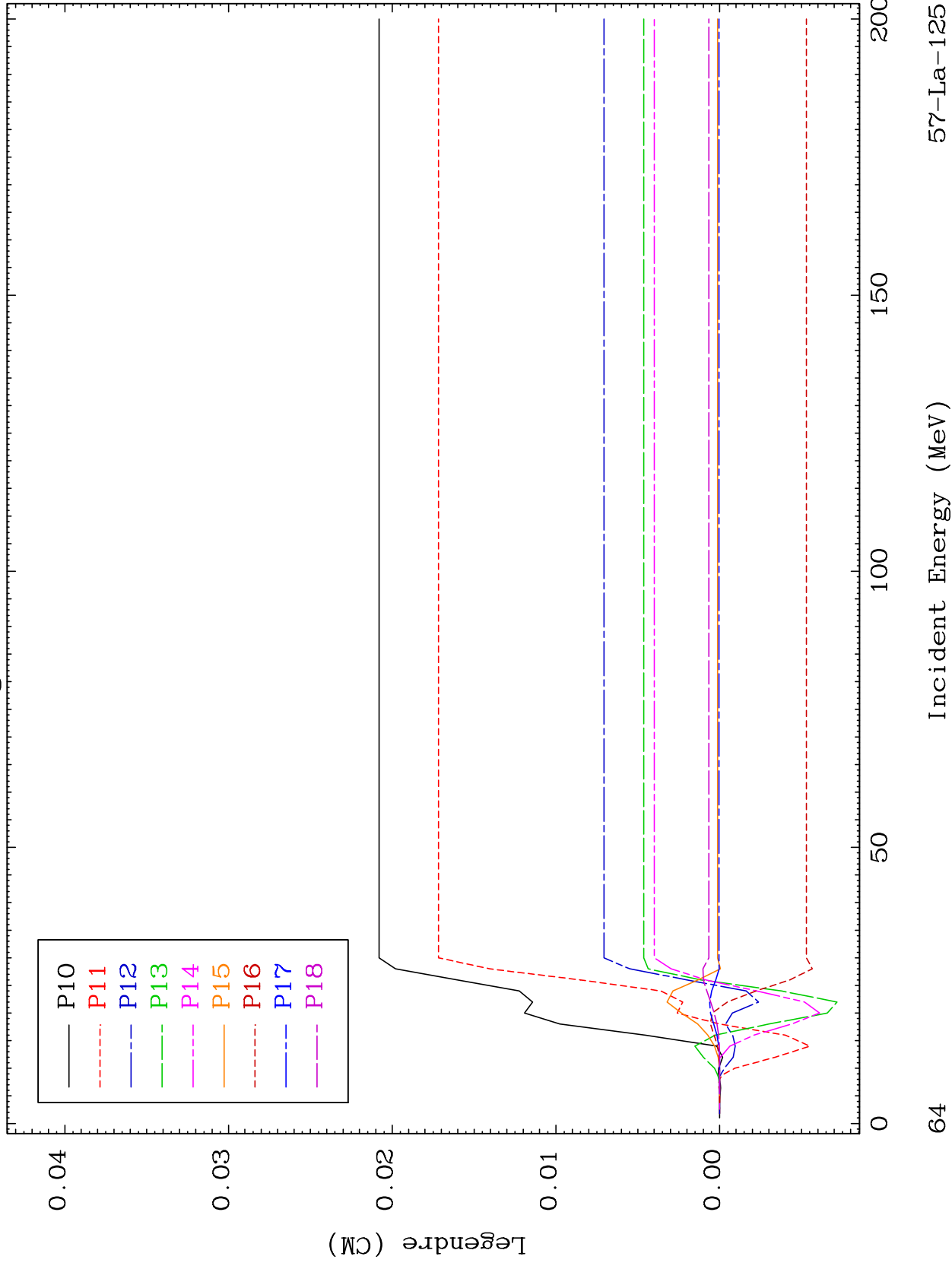
Incident Energy (MeV)

57-La-125

MAT 5686

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

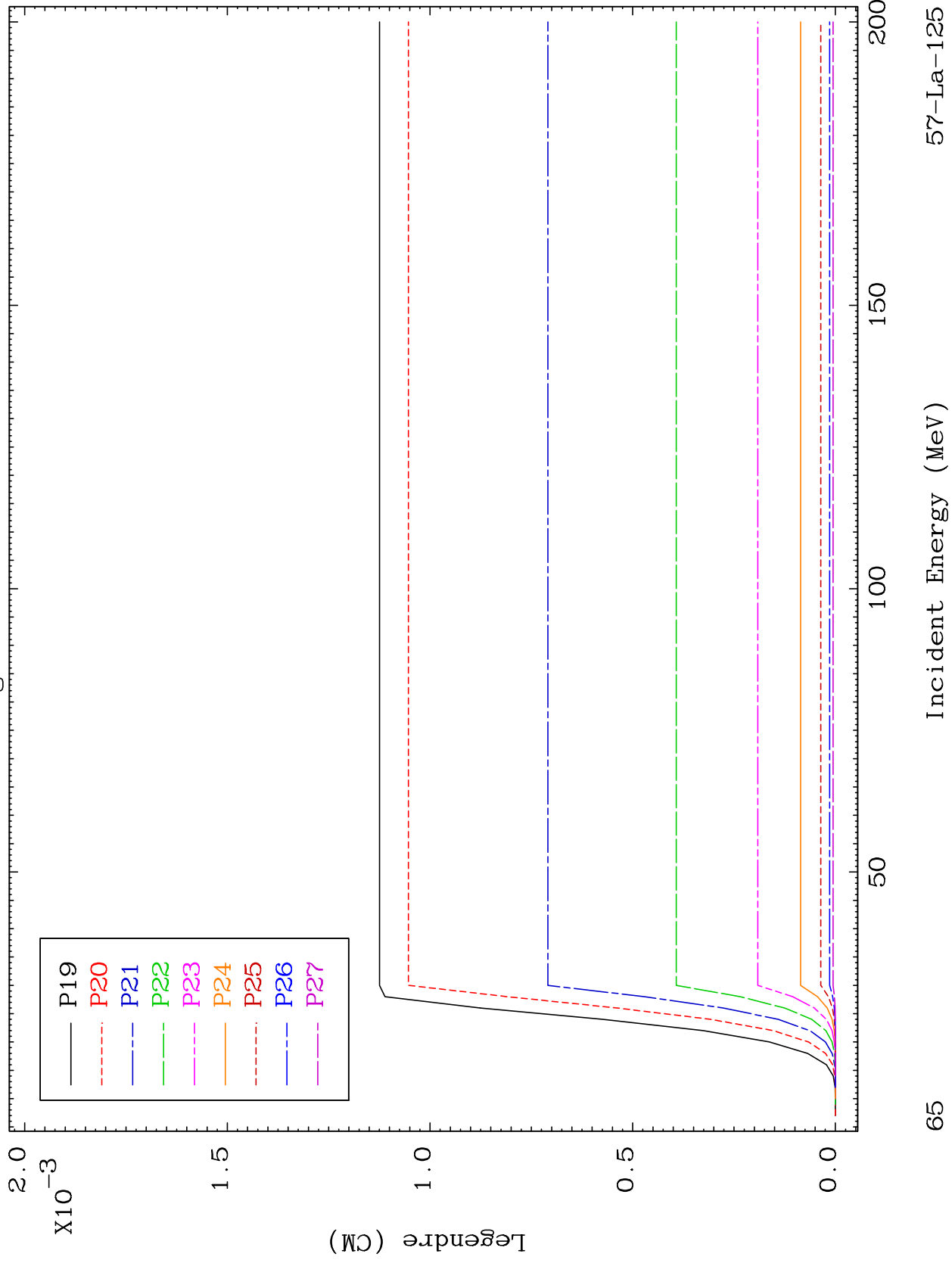
57-La-125



MAT 5686

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

57-La-125



65

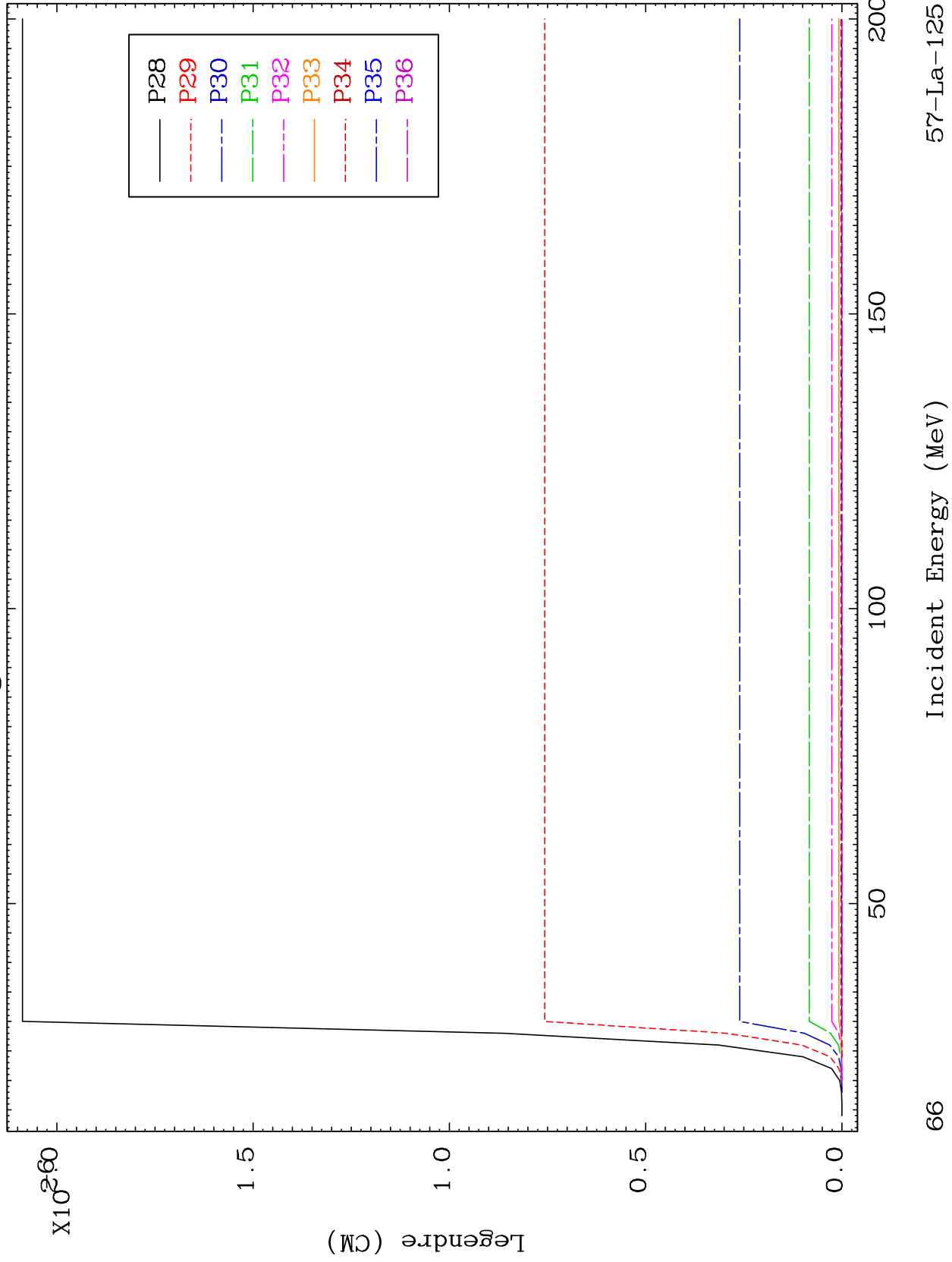
Incident Energy (MeV)

57-La-125

MAT 5686

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

57-La-125



66

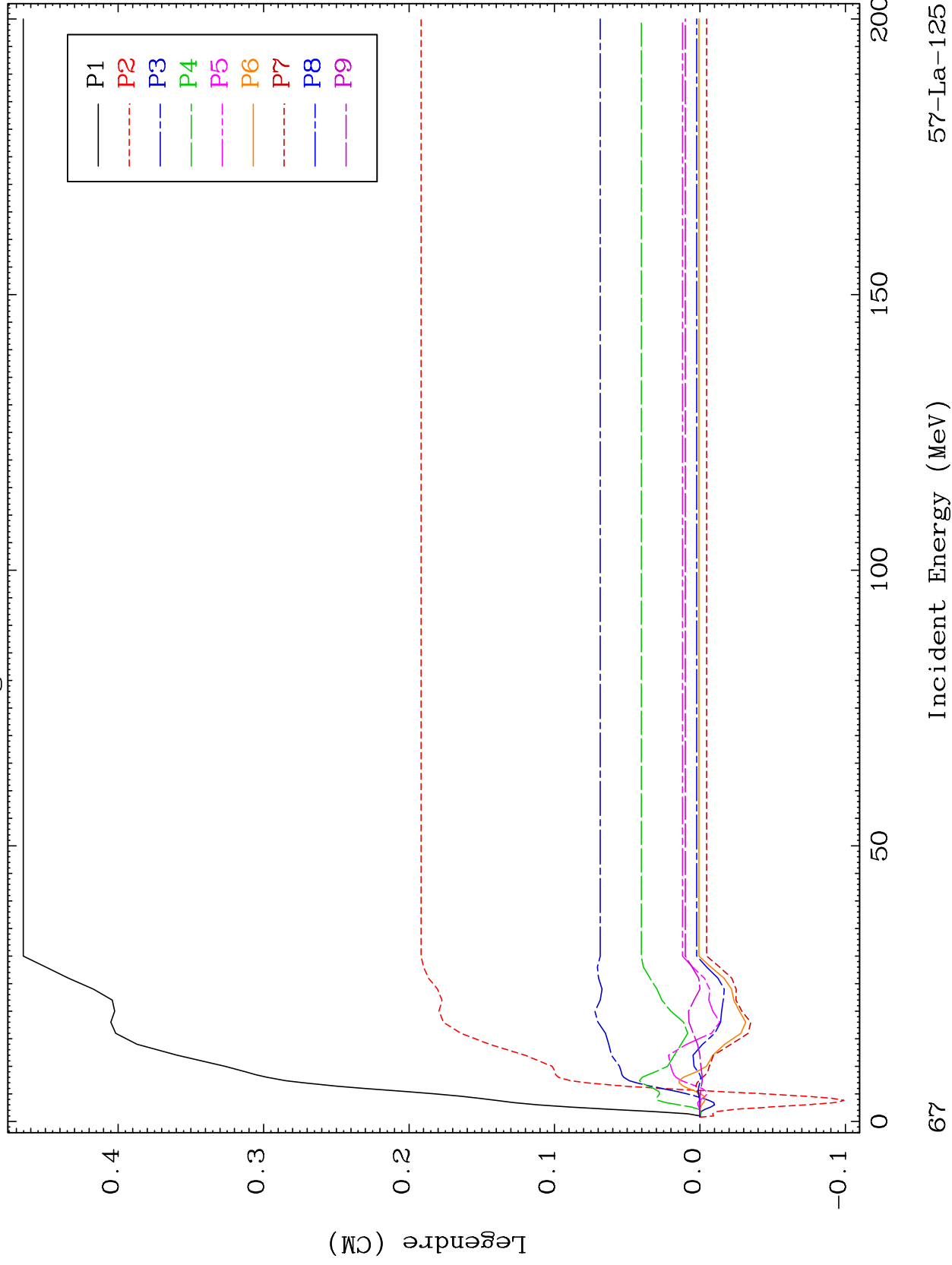
Incident Energy (MeV)

57-La-125

MAT 5686

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

57-La-125



57-La-125

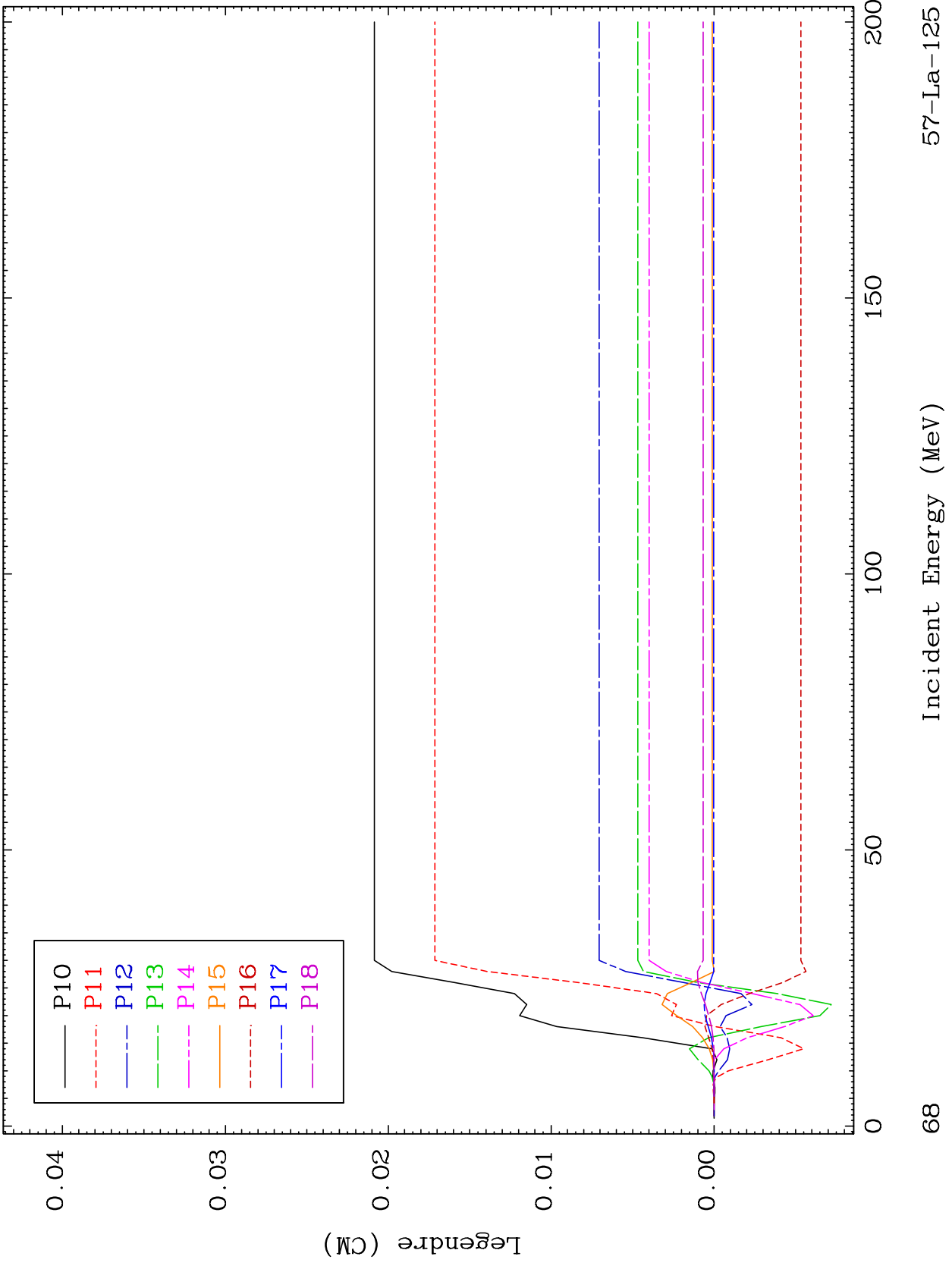
Incident Energy (MeV)

67

MAT 5686

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

57-La-125



57-La-125

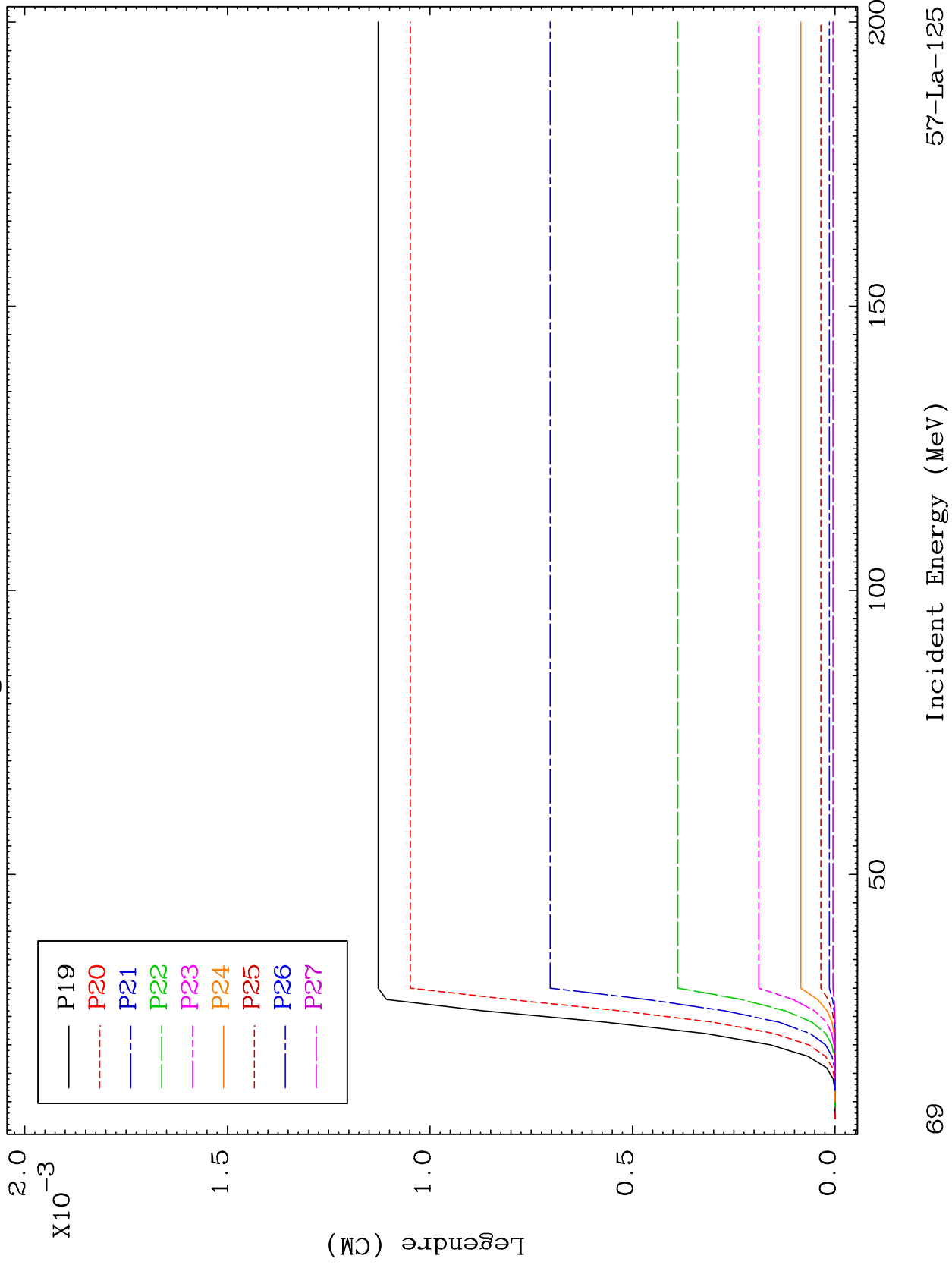
Incident Energy (MeV)

68

MAT 5686

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

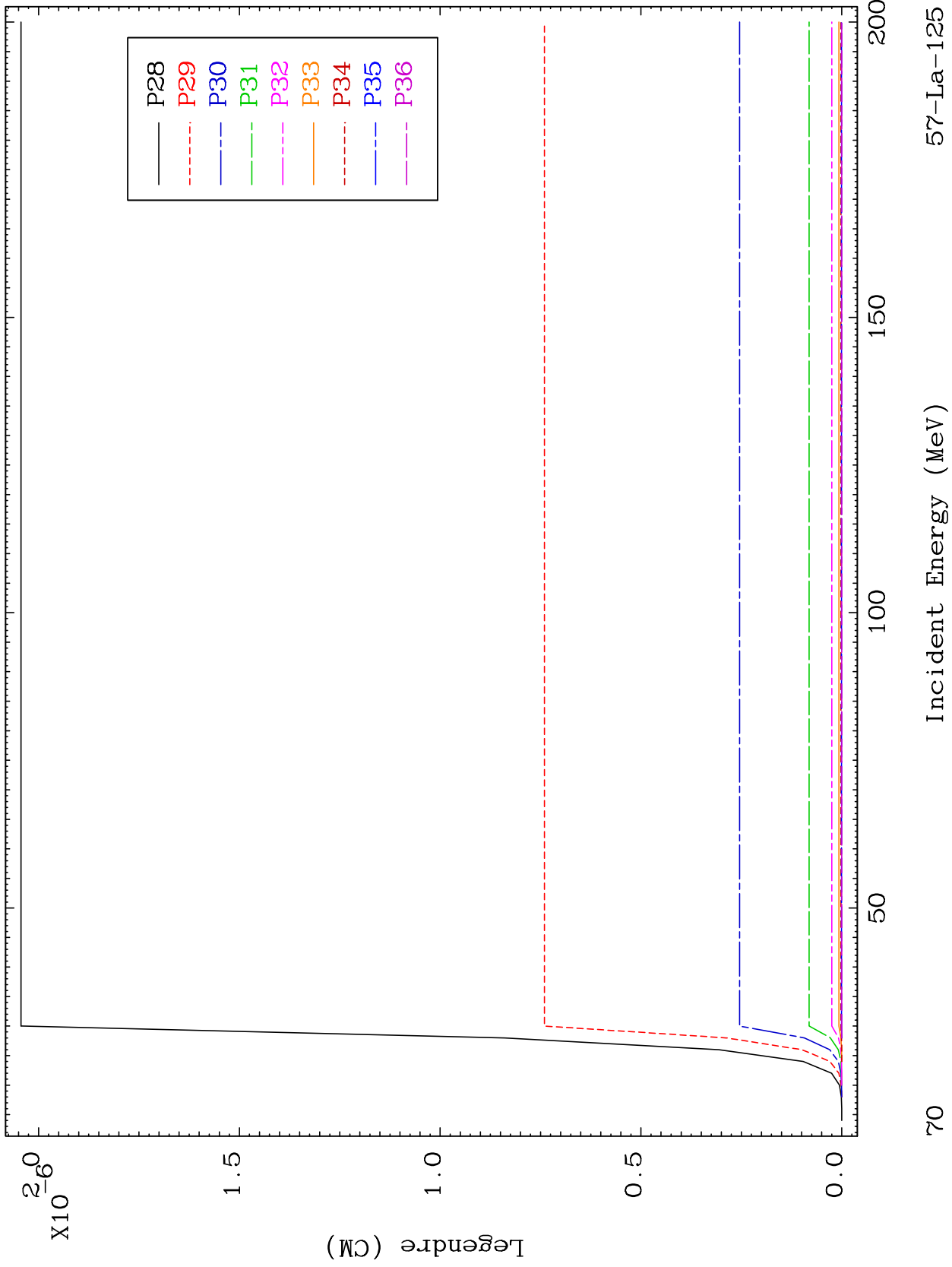
57-La-125



MAT 5686

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

57-La-125



70

Incident Energy (MeV)

57-La-125

200

150

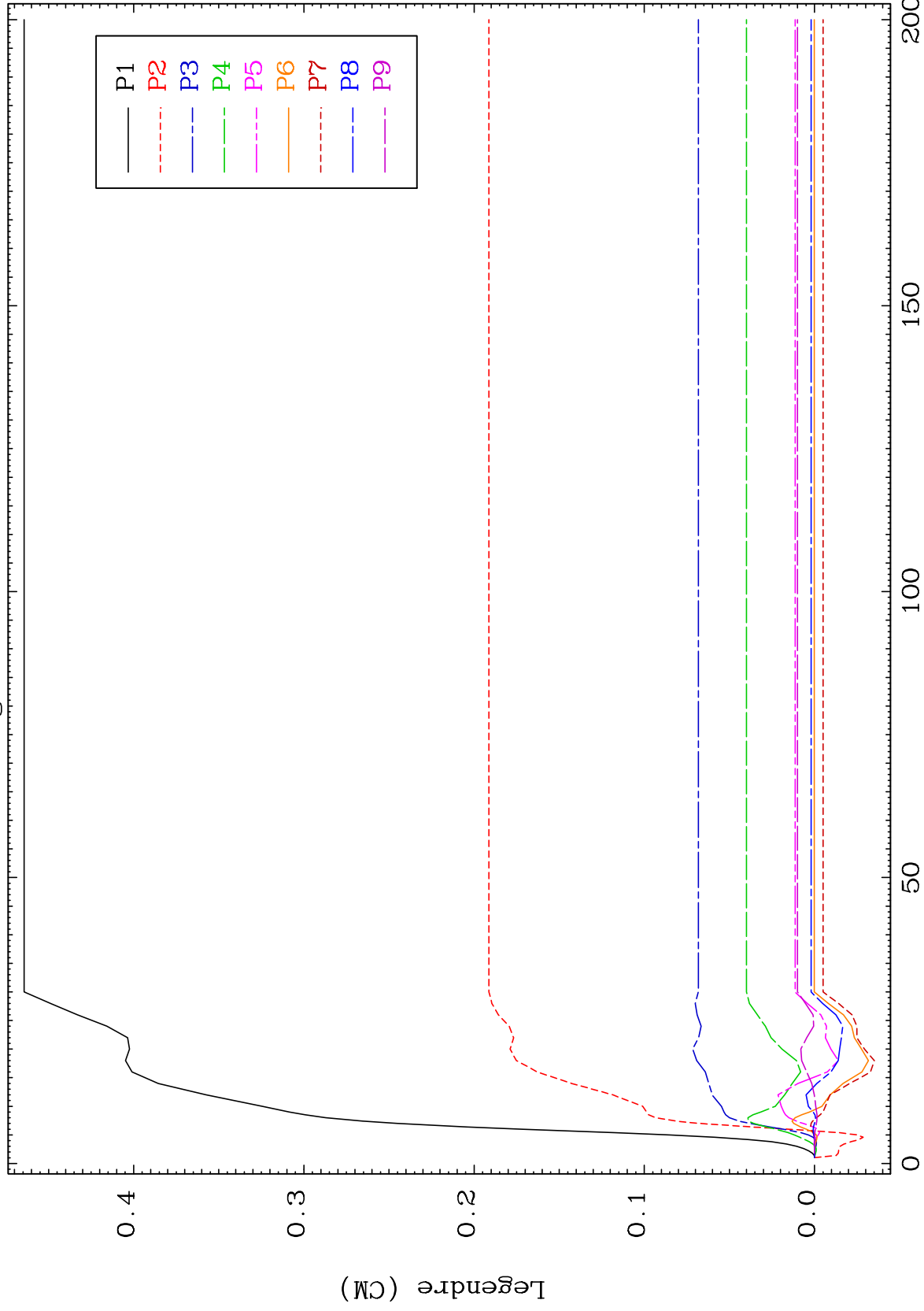
100

50

MAT 5686

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

57-La-125



71

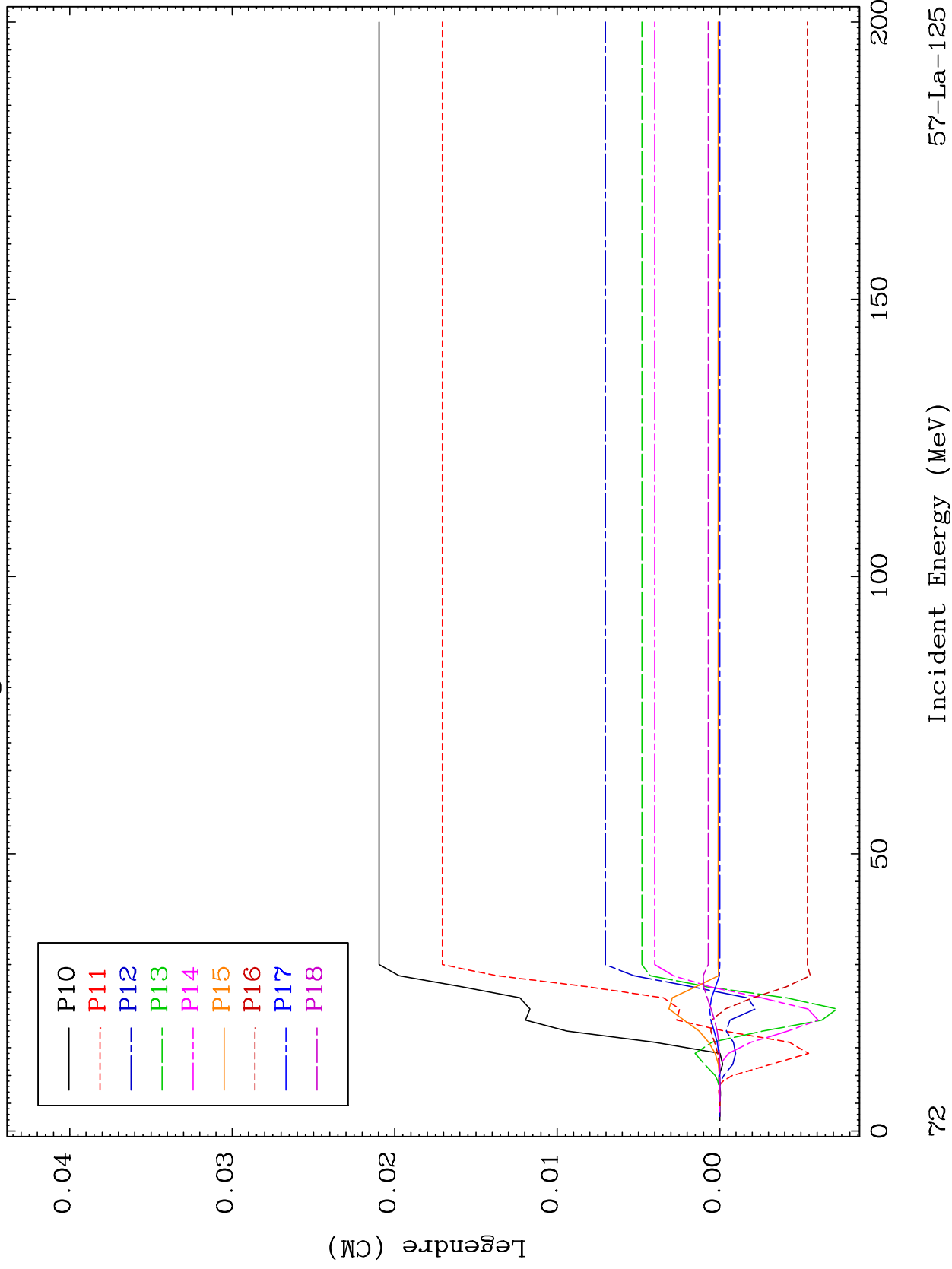
Incident Energy (MeV)

57-La-125

MAT 5686

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

57-La-125



57-La-125

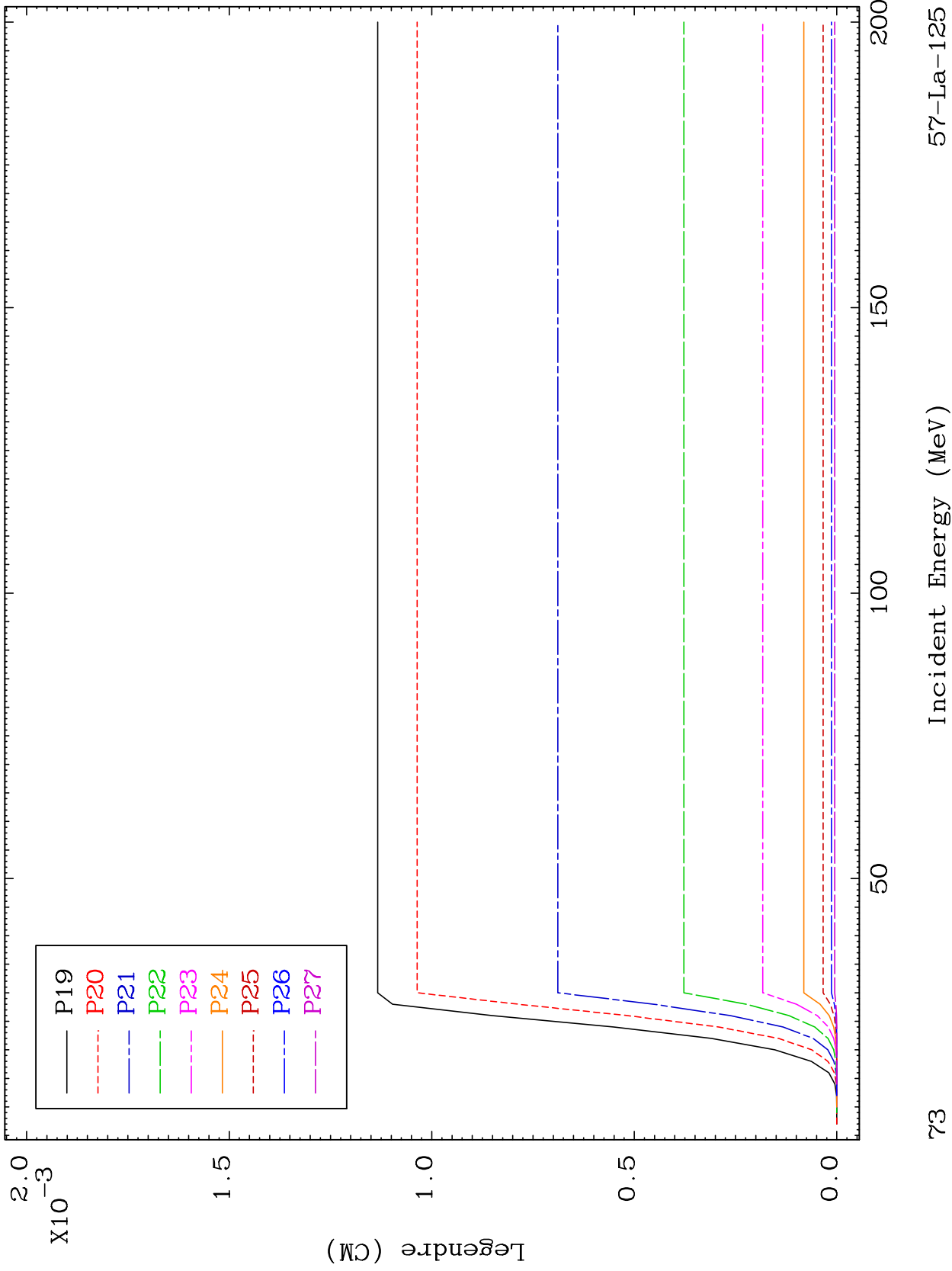
Incident Energy (MeV)

72

MAT 5686

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

57-La-125



73

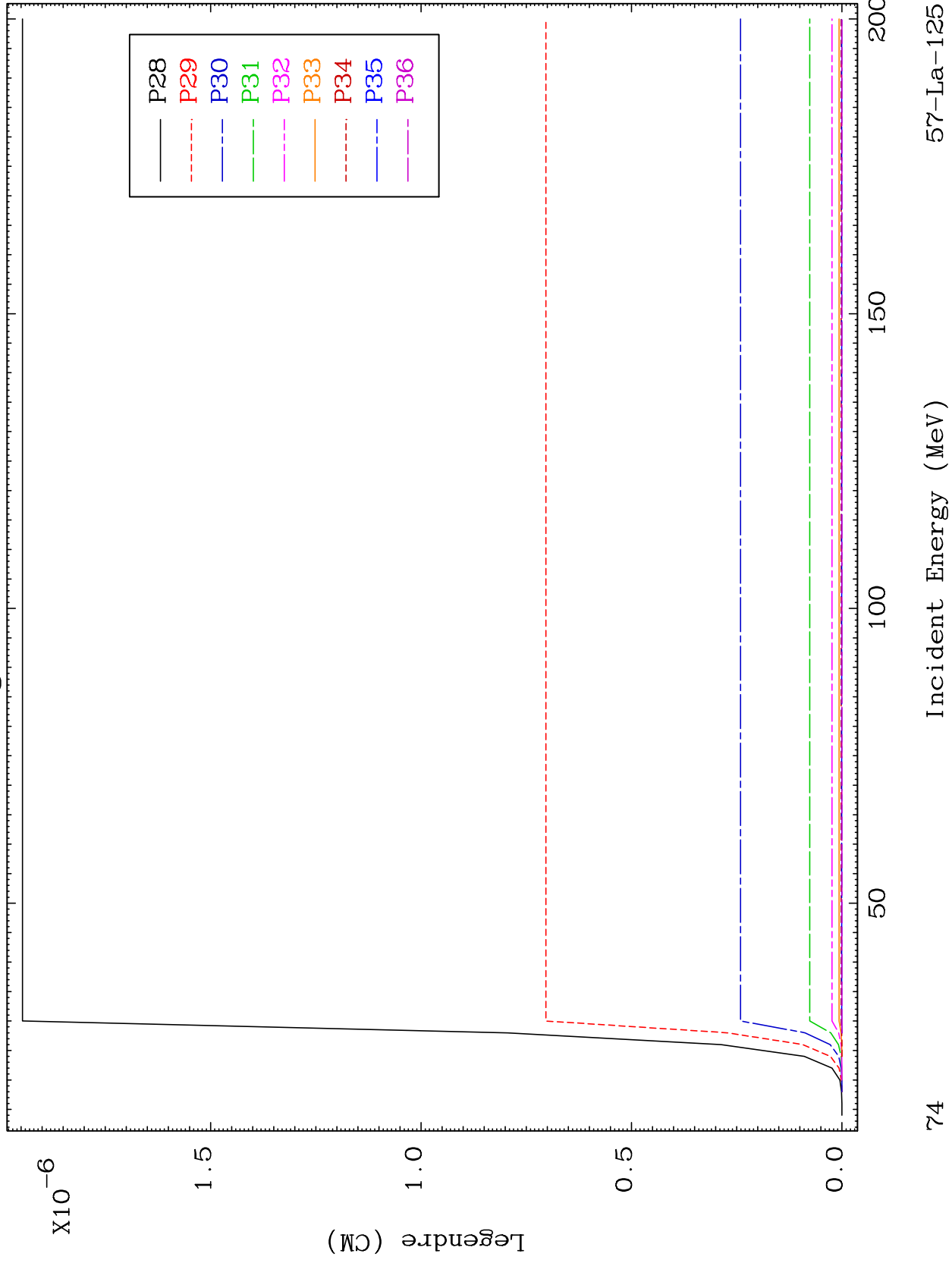
Incident Energy (MeV)

57-La-125

MAT 5686

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

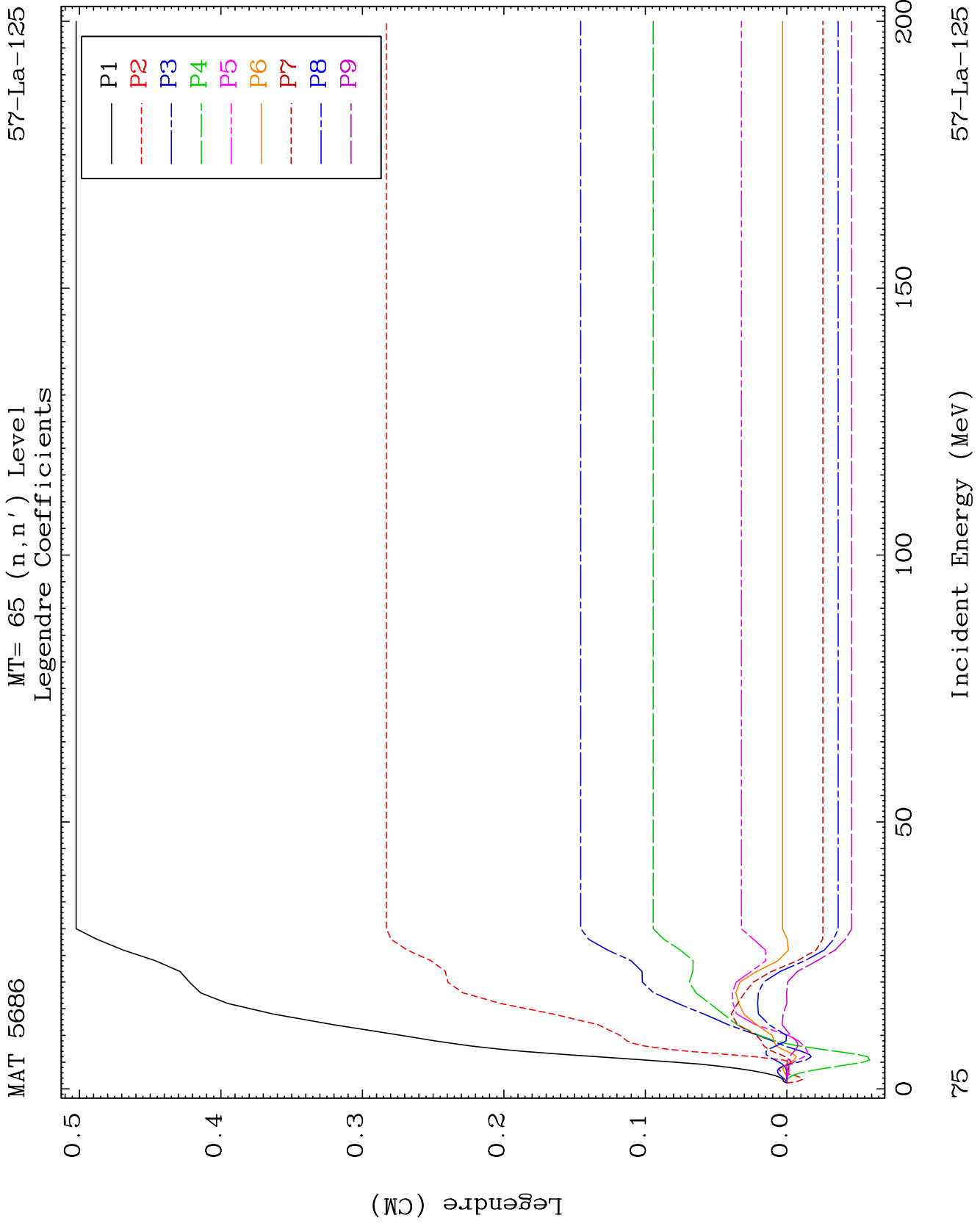
57-La-125



74

Incident Energy (MeV)

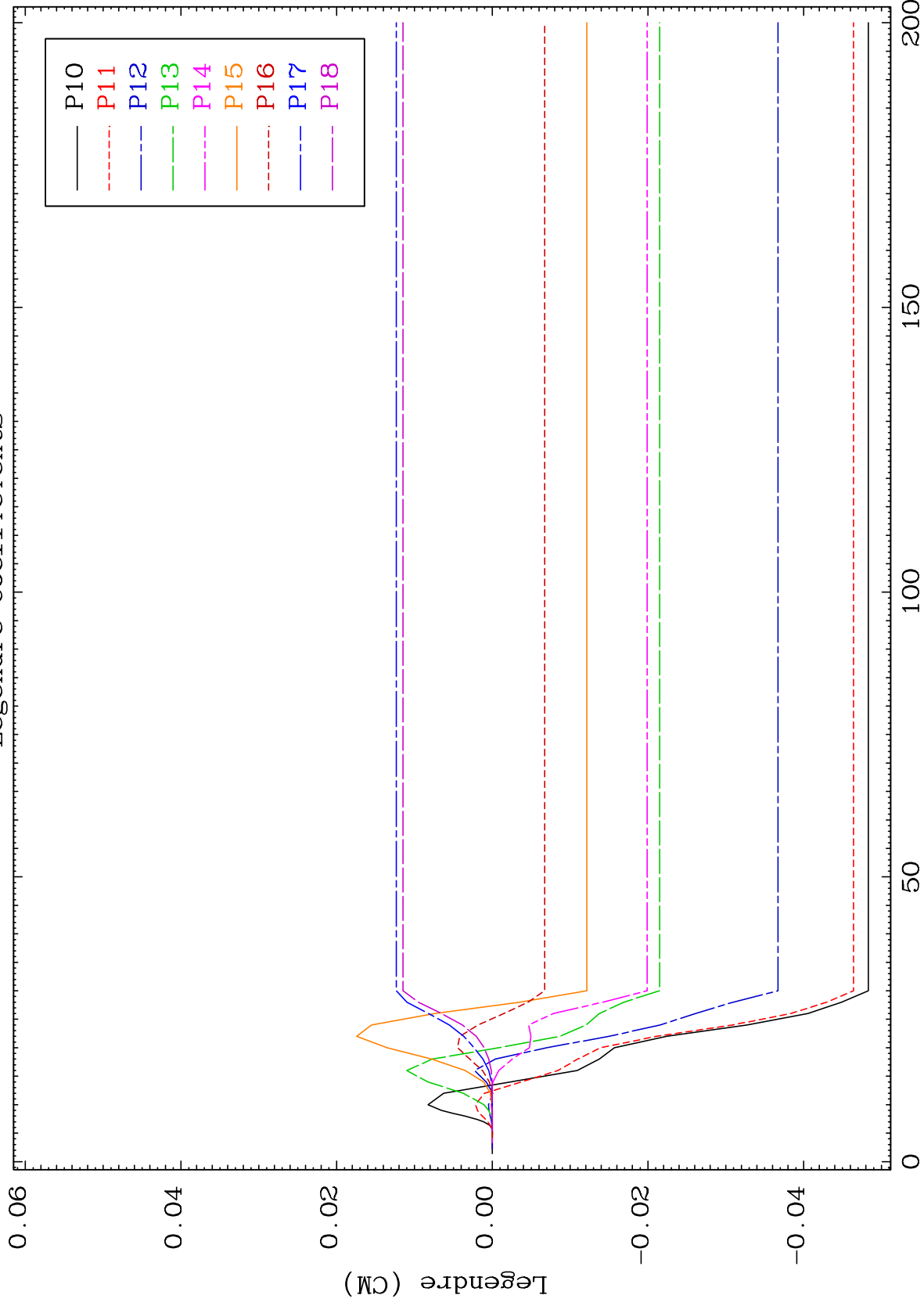
57-La-125



MAT 5686

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

57-La-125



76

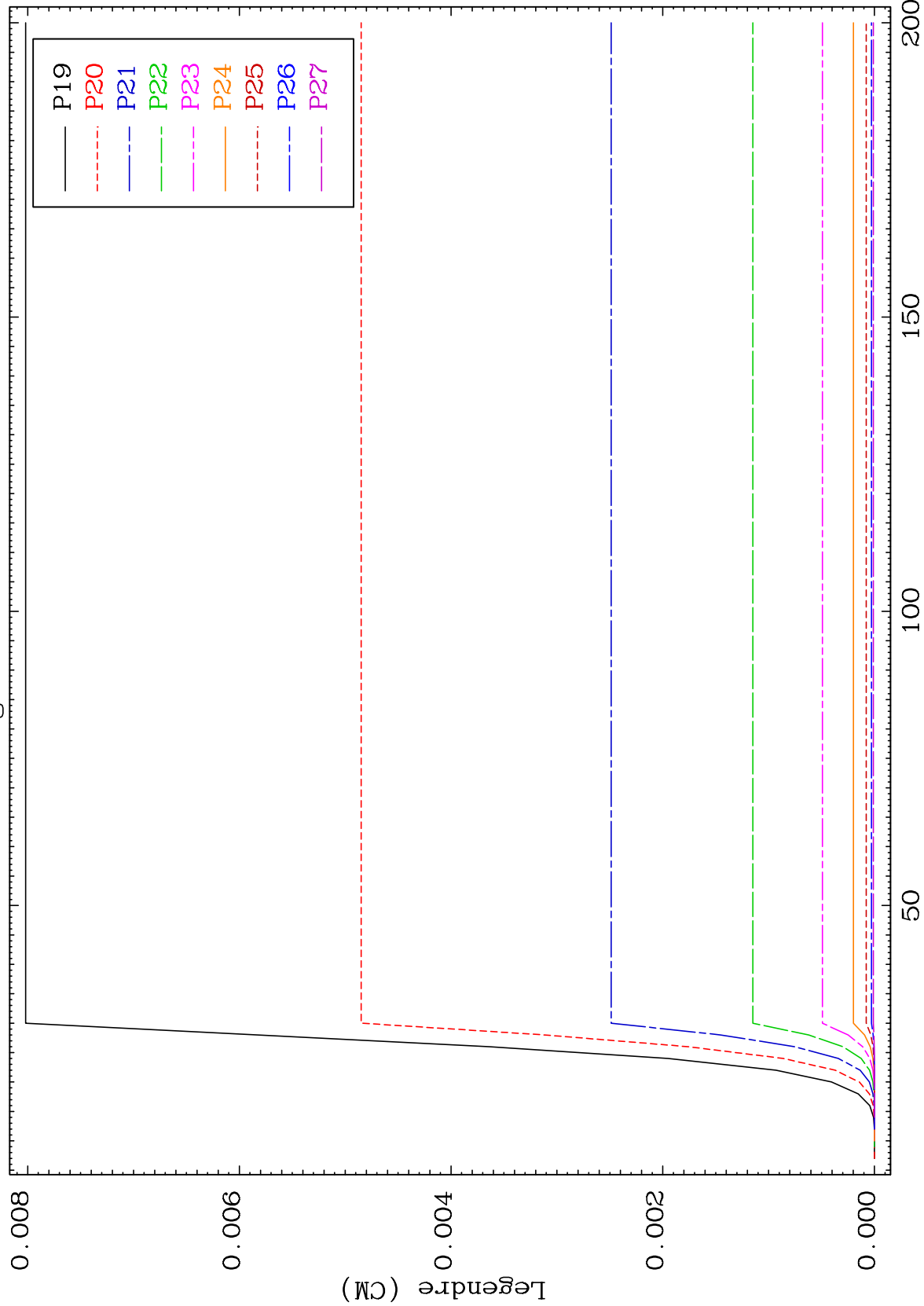
Incident Energy (MeV)

57-La-125

MAT 5686

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

57-La-125



77

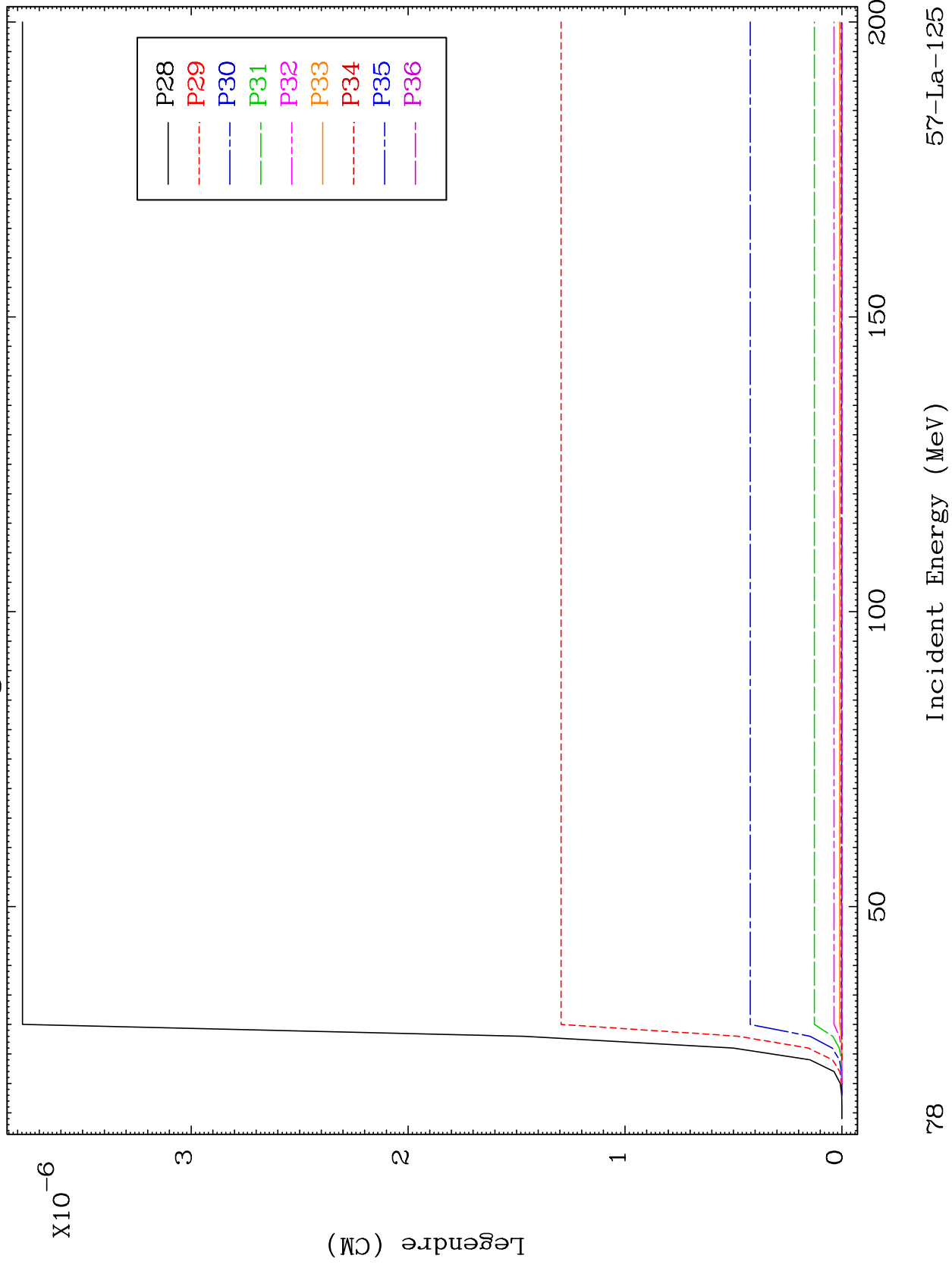
Incident Energy (MeV)

57-La-125

MAT 5686

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

57-La-125



78

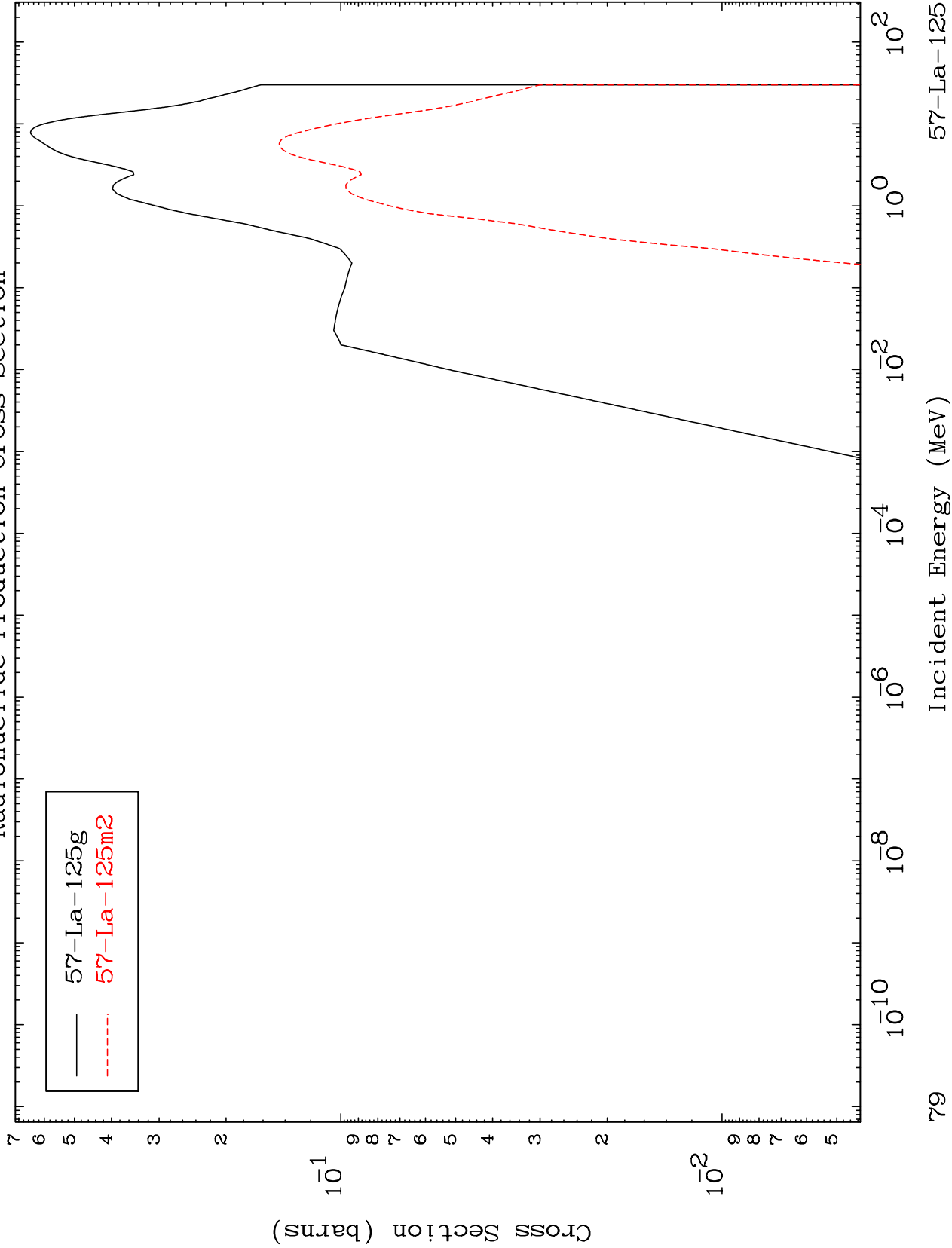
Incident Energy (MeV)

57-La-125

MAT 5686

Radionuclide Production Cross Section

57-La-125



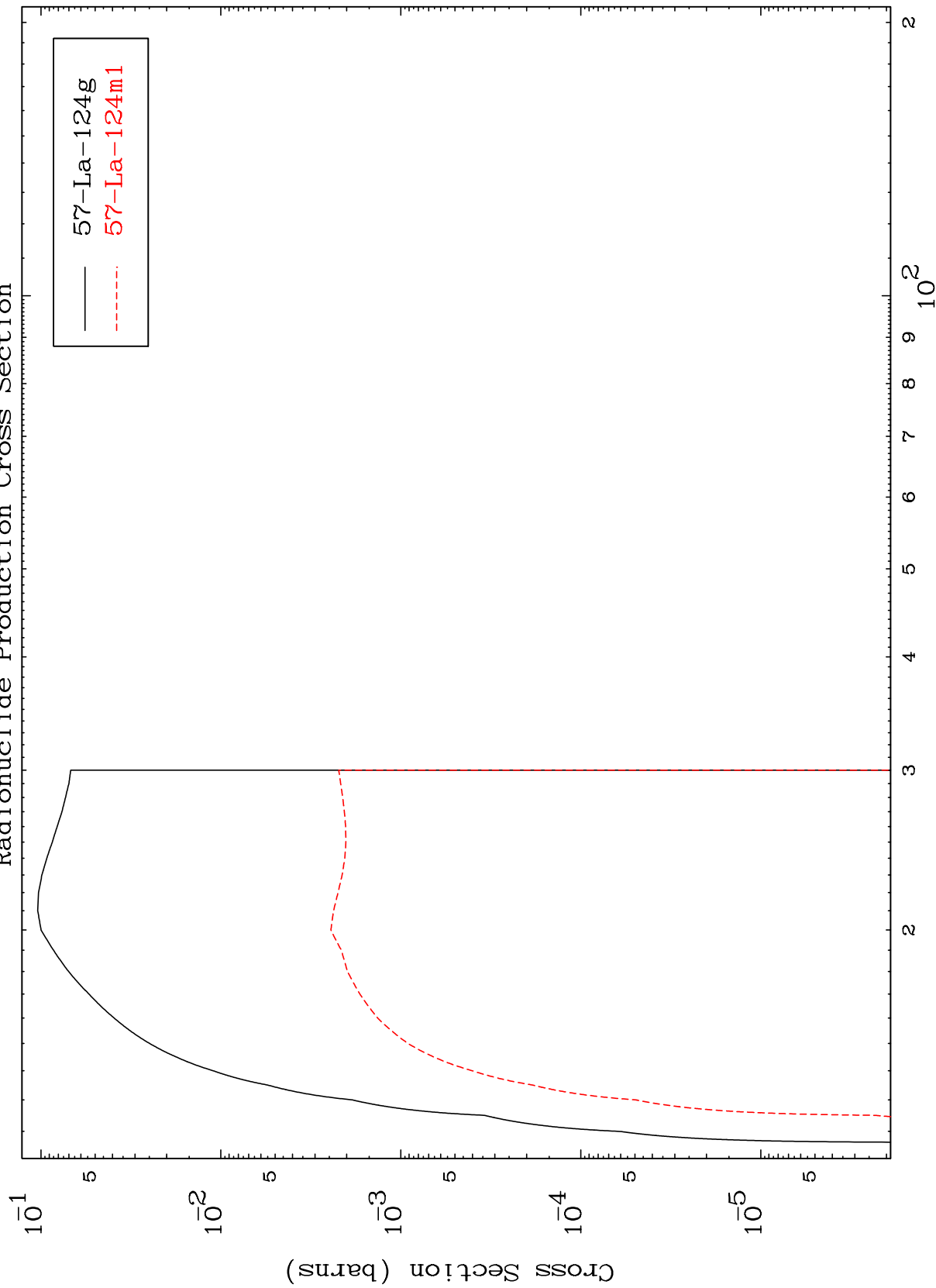
79

57-La-125

MAT 5686

57-La-125

(n,2n)
Radionuclide Production Cross Section



80

Incident Energy (MeV)

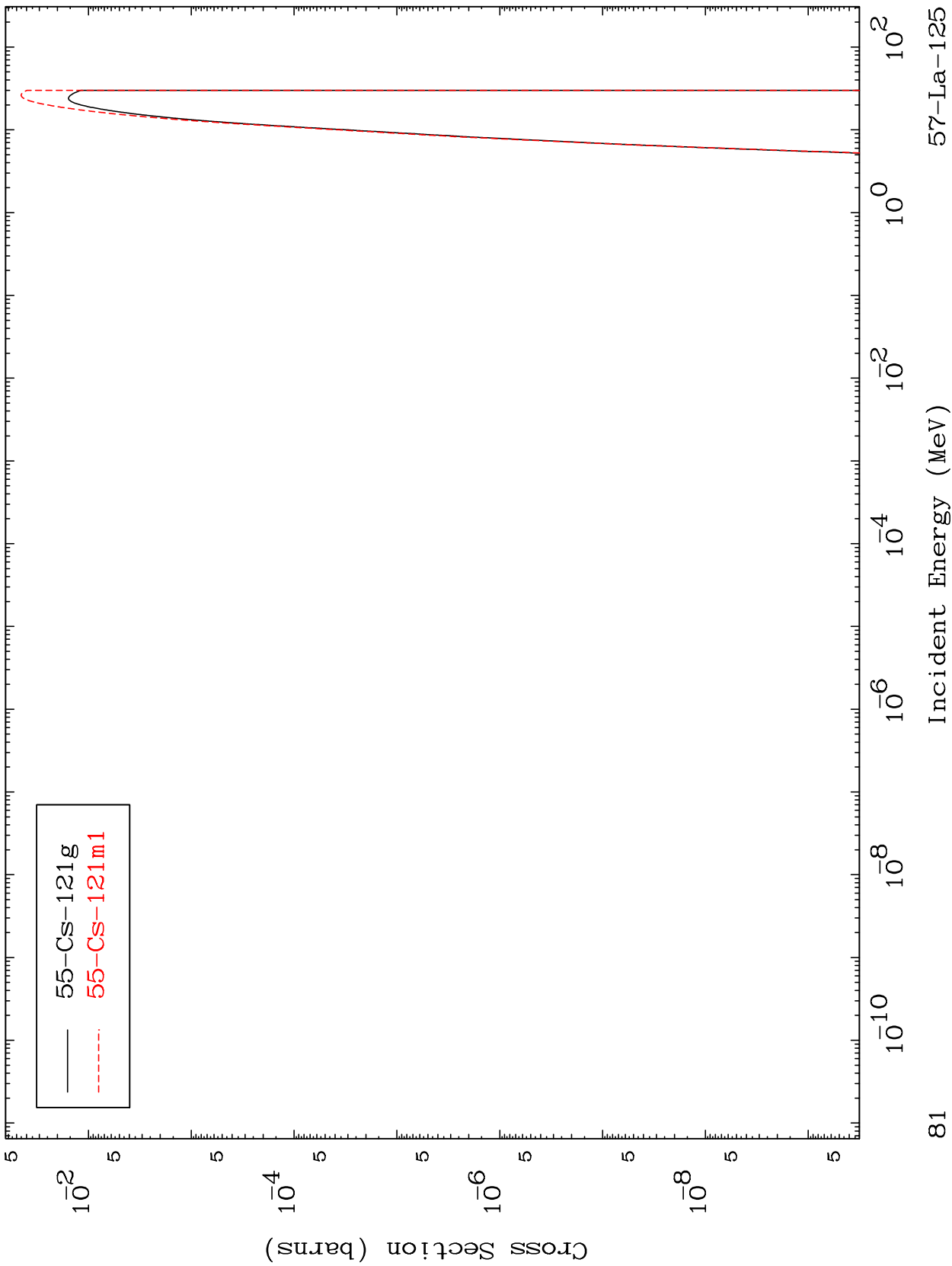
57-La-125

MAT 5686

$(n, n') \alpha$

57-La-125

Radionuclide Production Cross Section

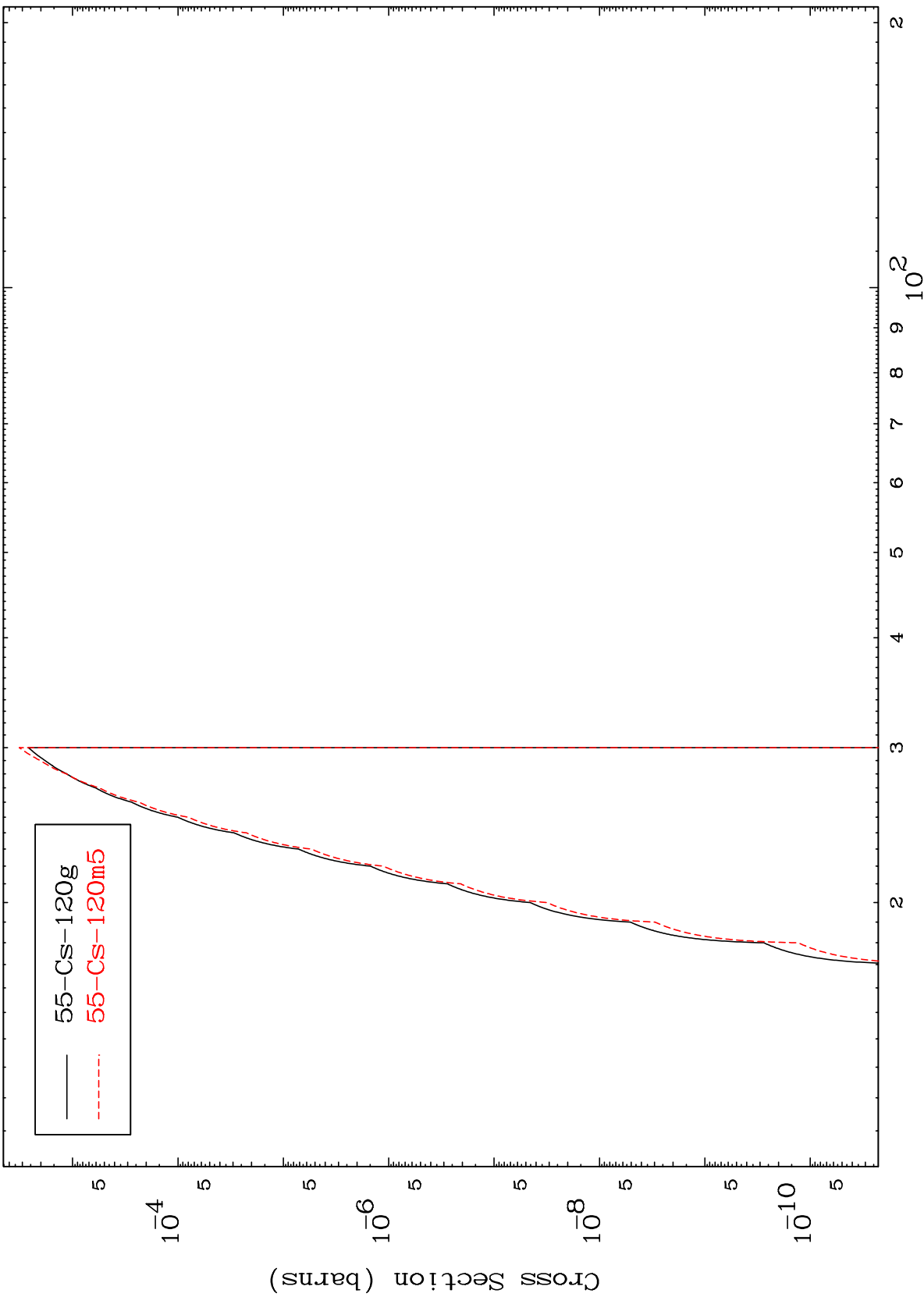


MAT 5686

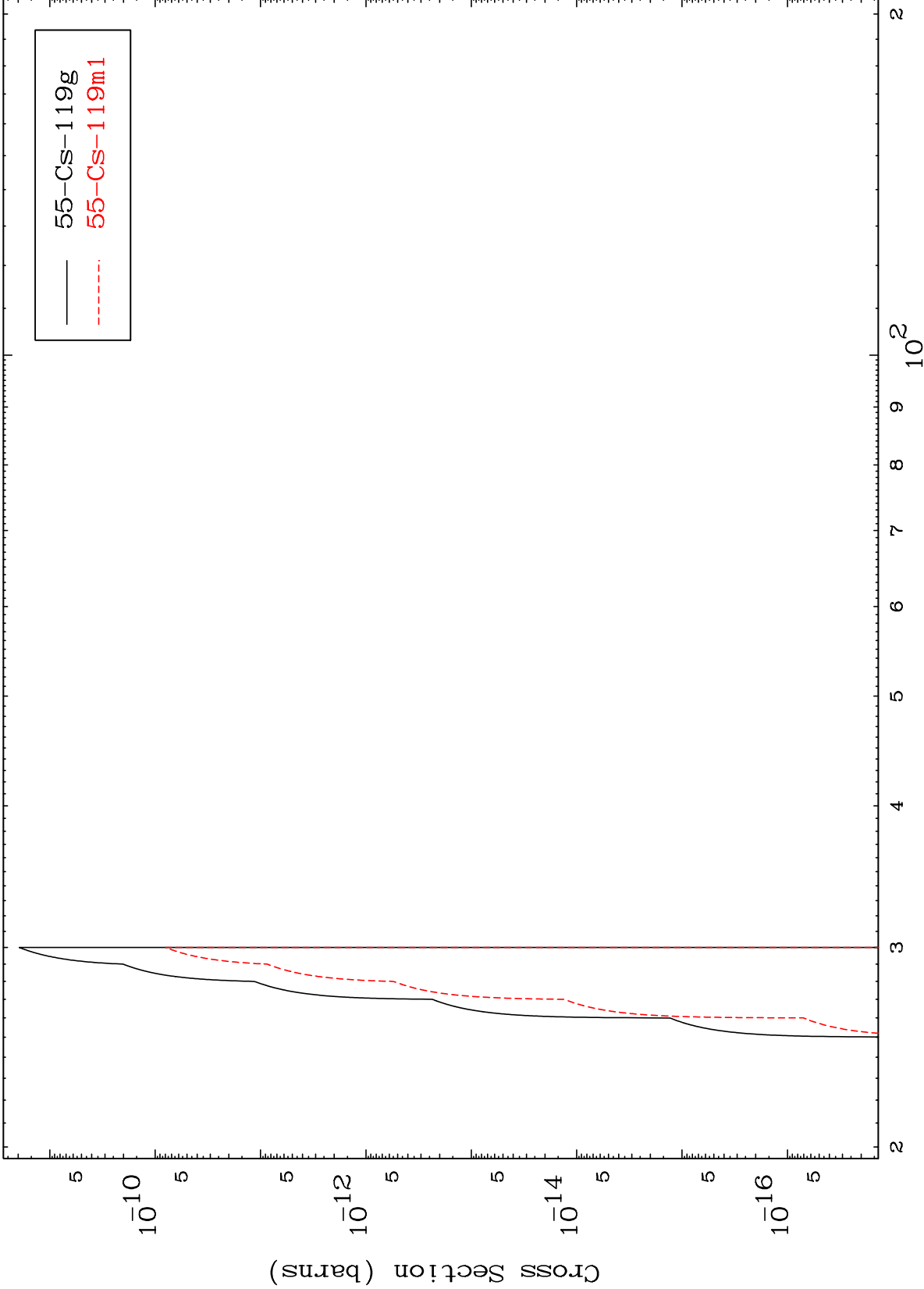
(n,2n) α

57-La-125

Radionuclide Production Cross Section



Radionuclide Production Cross Section

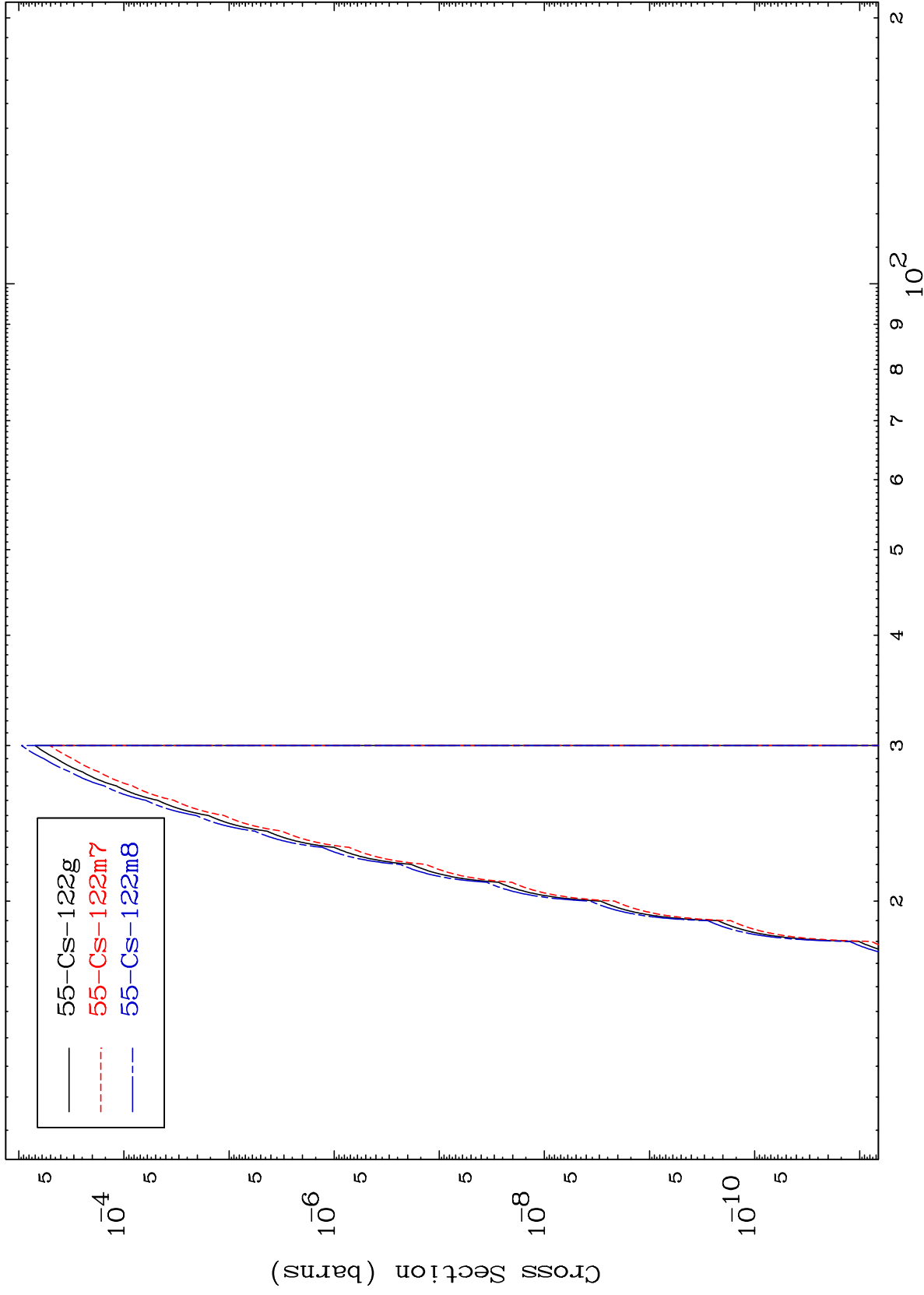


MAT 5686

(n,n') He-3

57-La-125

Radionuclide Production Cross Section



84

Incident Energy (MeV)

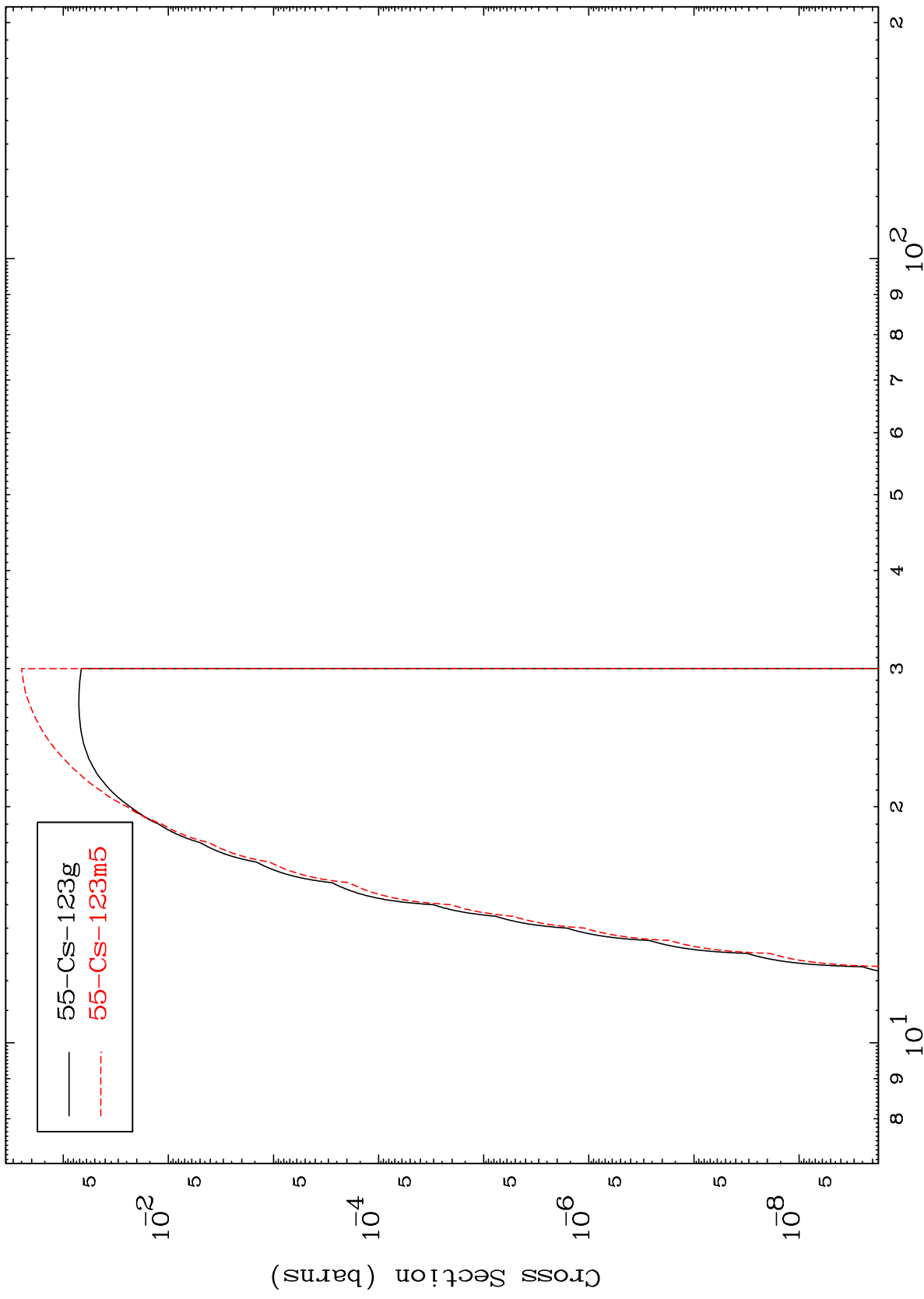
57-La-125

MAT 5686

(n,2n) p

57-La-125

Radionuclide Production Cross Section



85

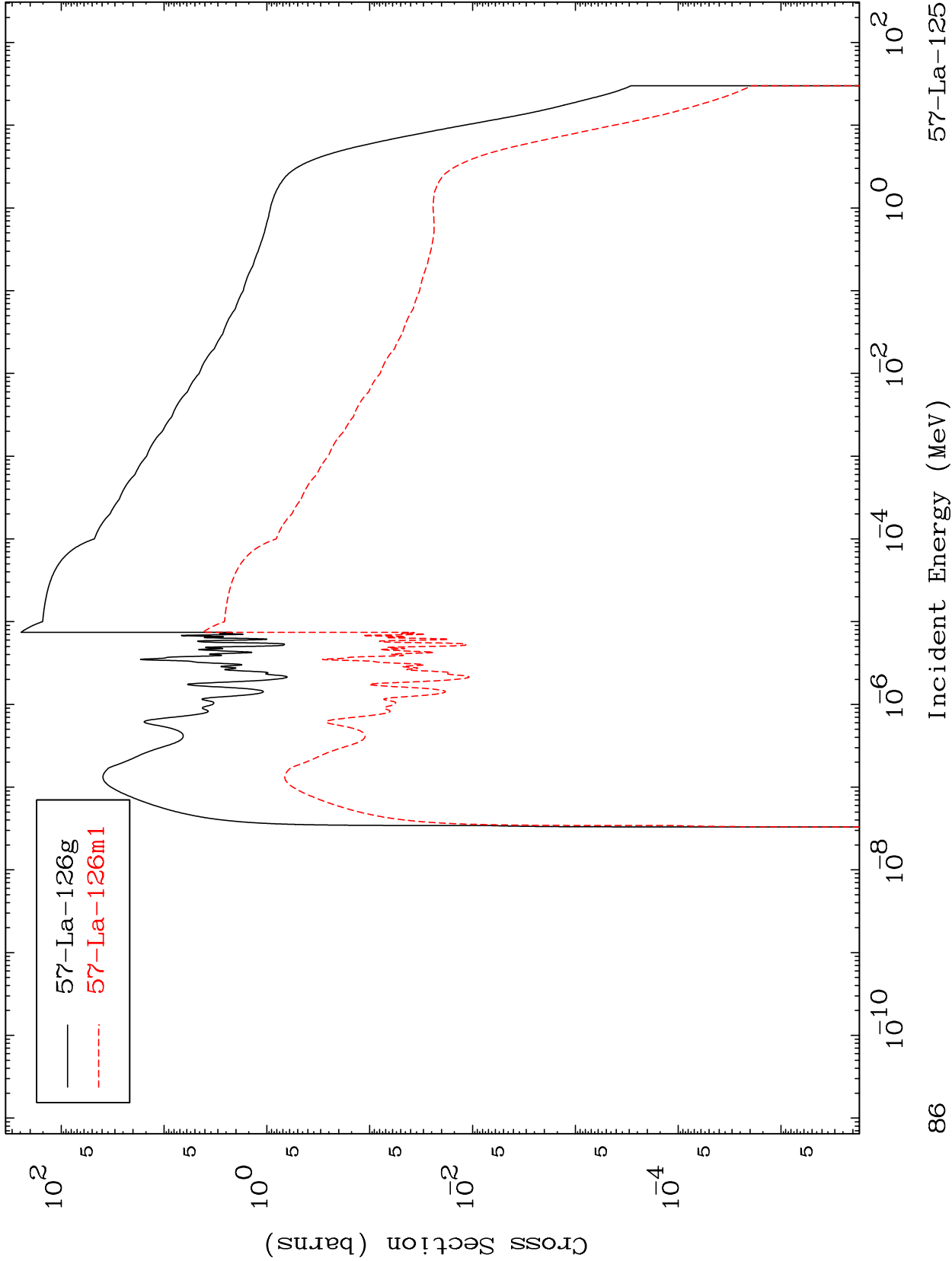
Incident Energy (MeV)

57-La-125

MAT 5686

57-La-125

(n, γ)
Radionuclide Production Cross Section



86

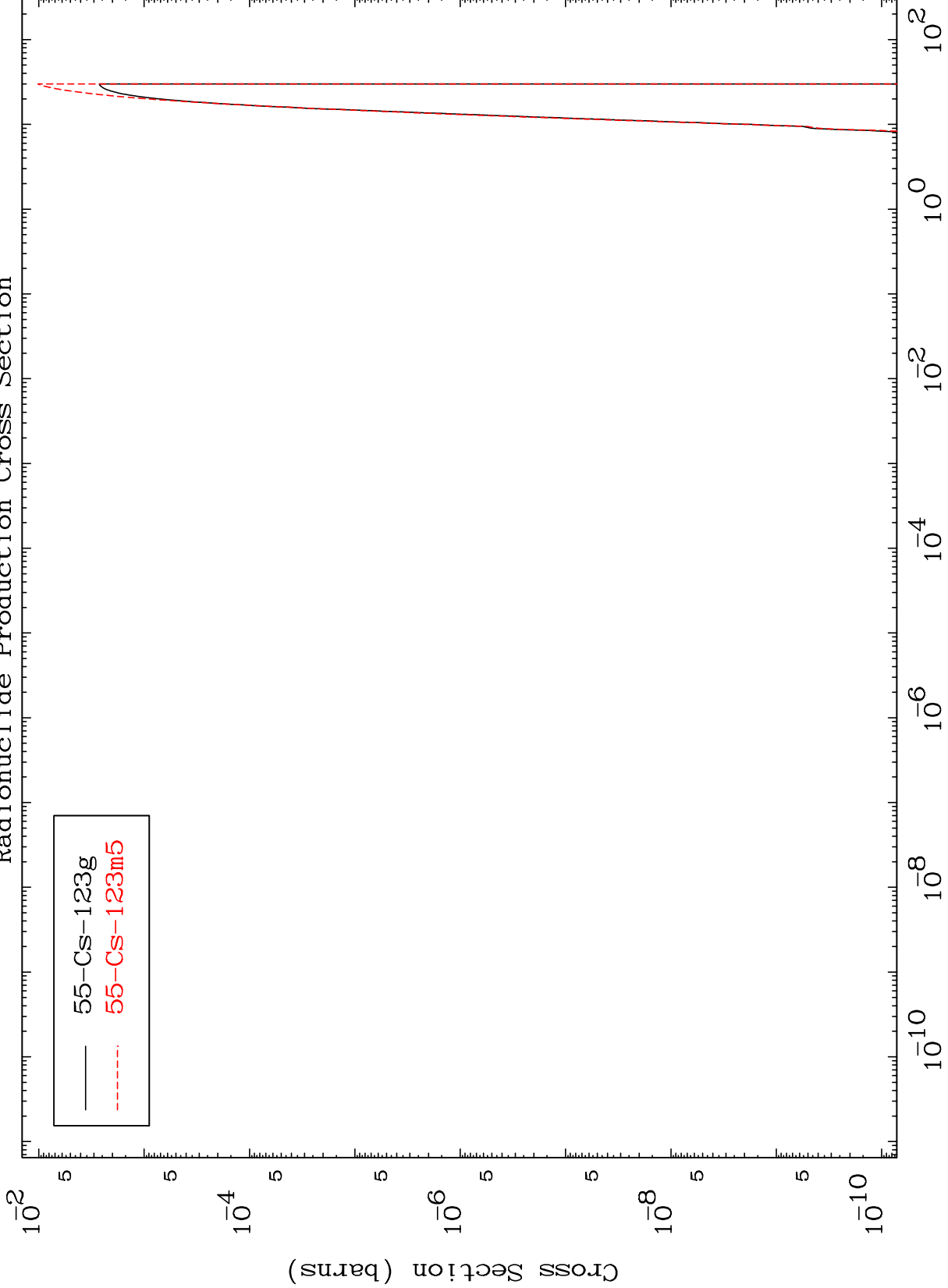
57-La-125

MAT 5686

(n,He-3)

57-La-125

Radionuclide Production Cross Section



87

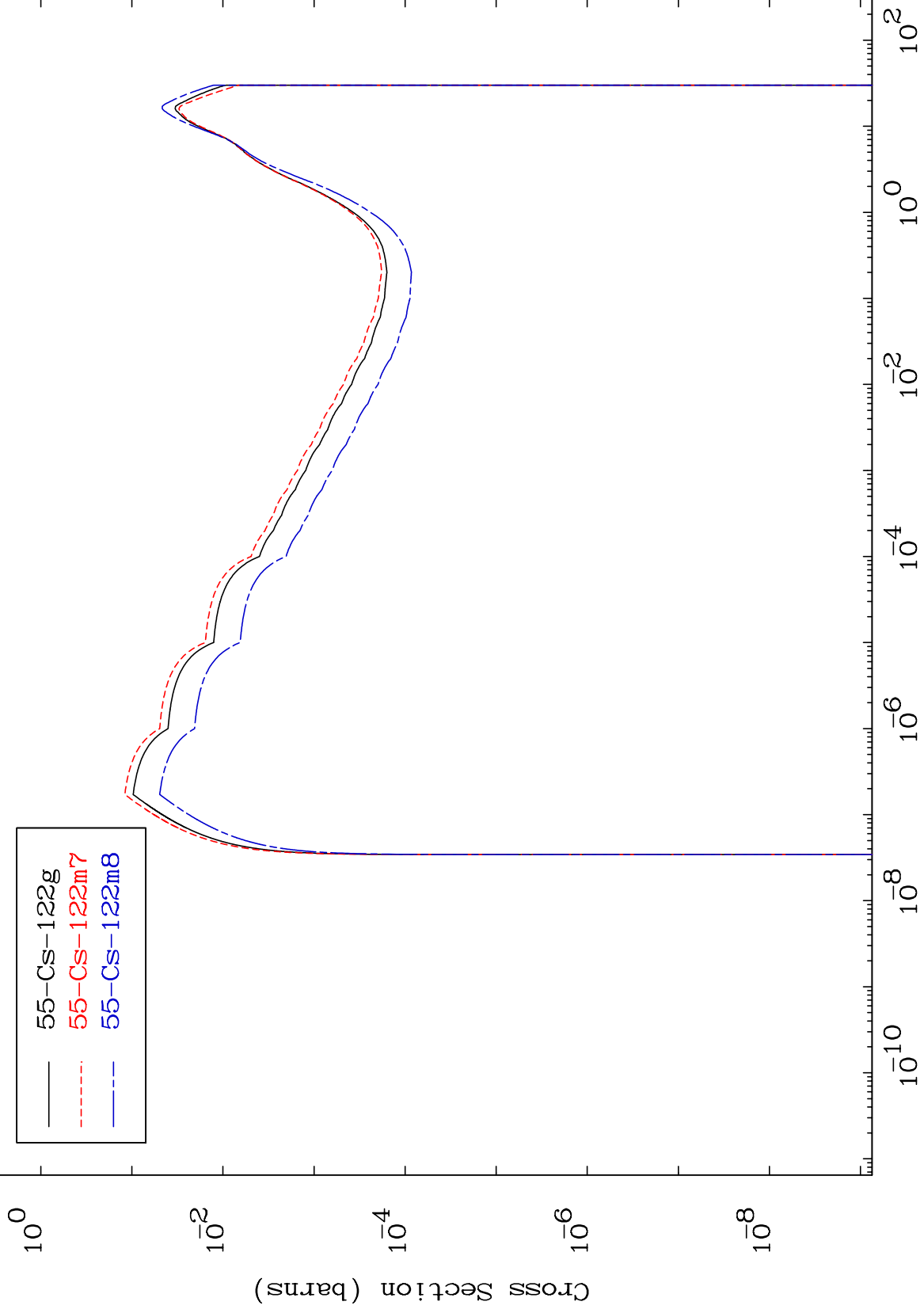
Incident Energy (MeV)

57-La-125

MAT 5686

57-La-125

Radionuclide Production Cross Section
(n, α)



88

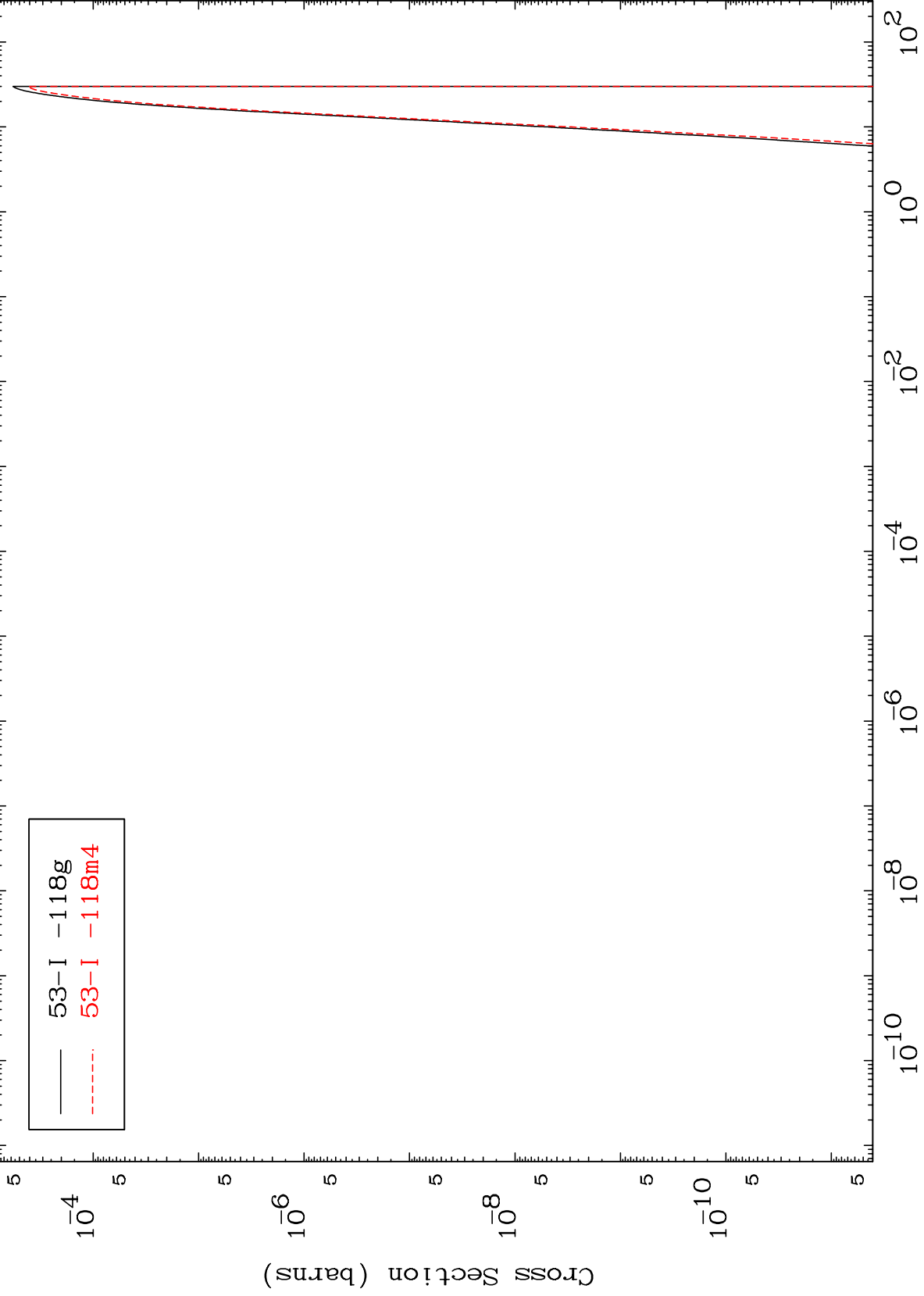
57-La-125

MAT 5686

(n,2α)

57-La-125

Radionuclide Production Cross Section

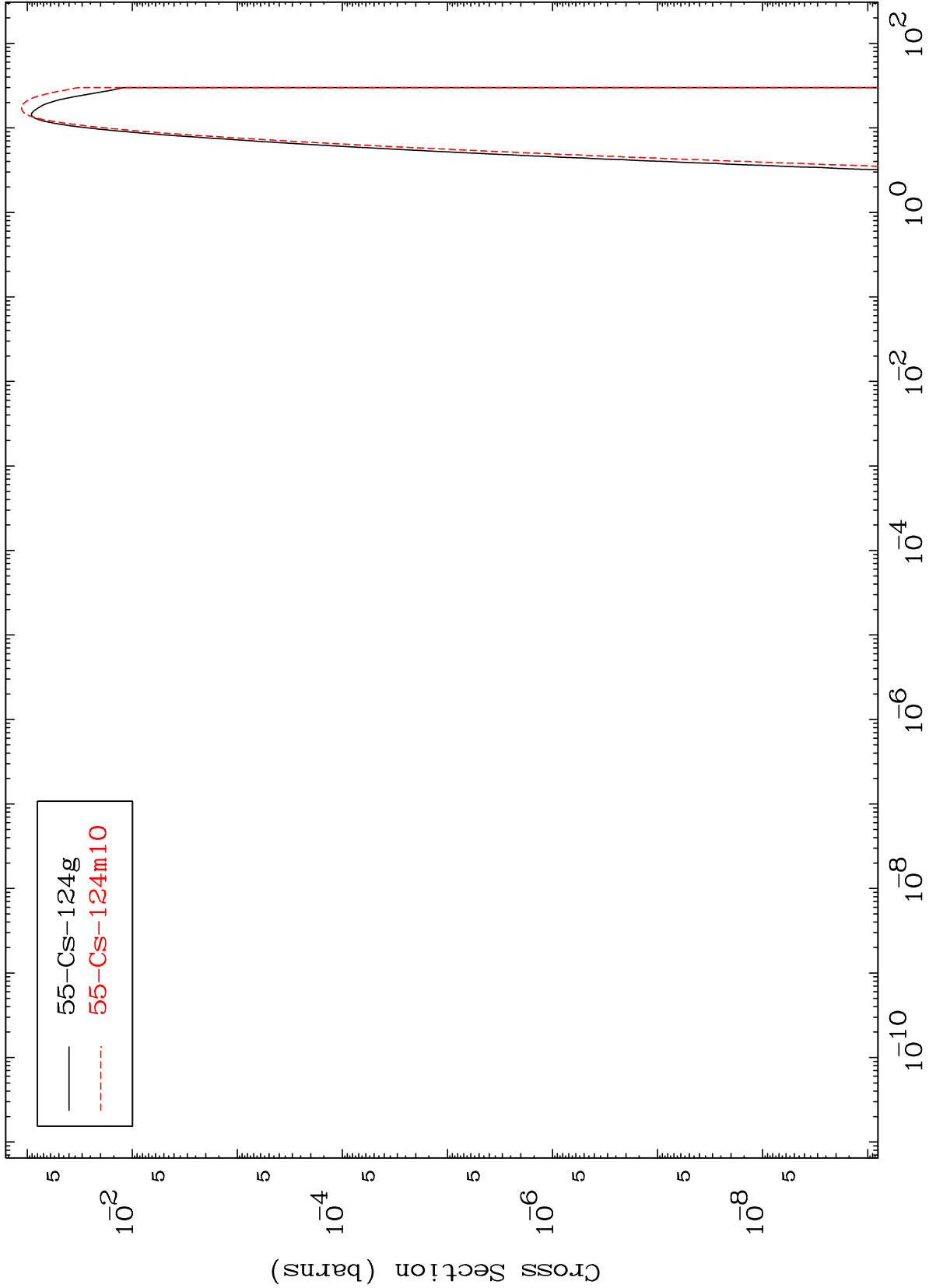


MAT 5686

(n,2p)

57-La-125

Radionuclide Production Cross Section

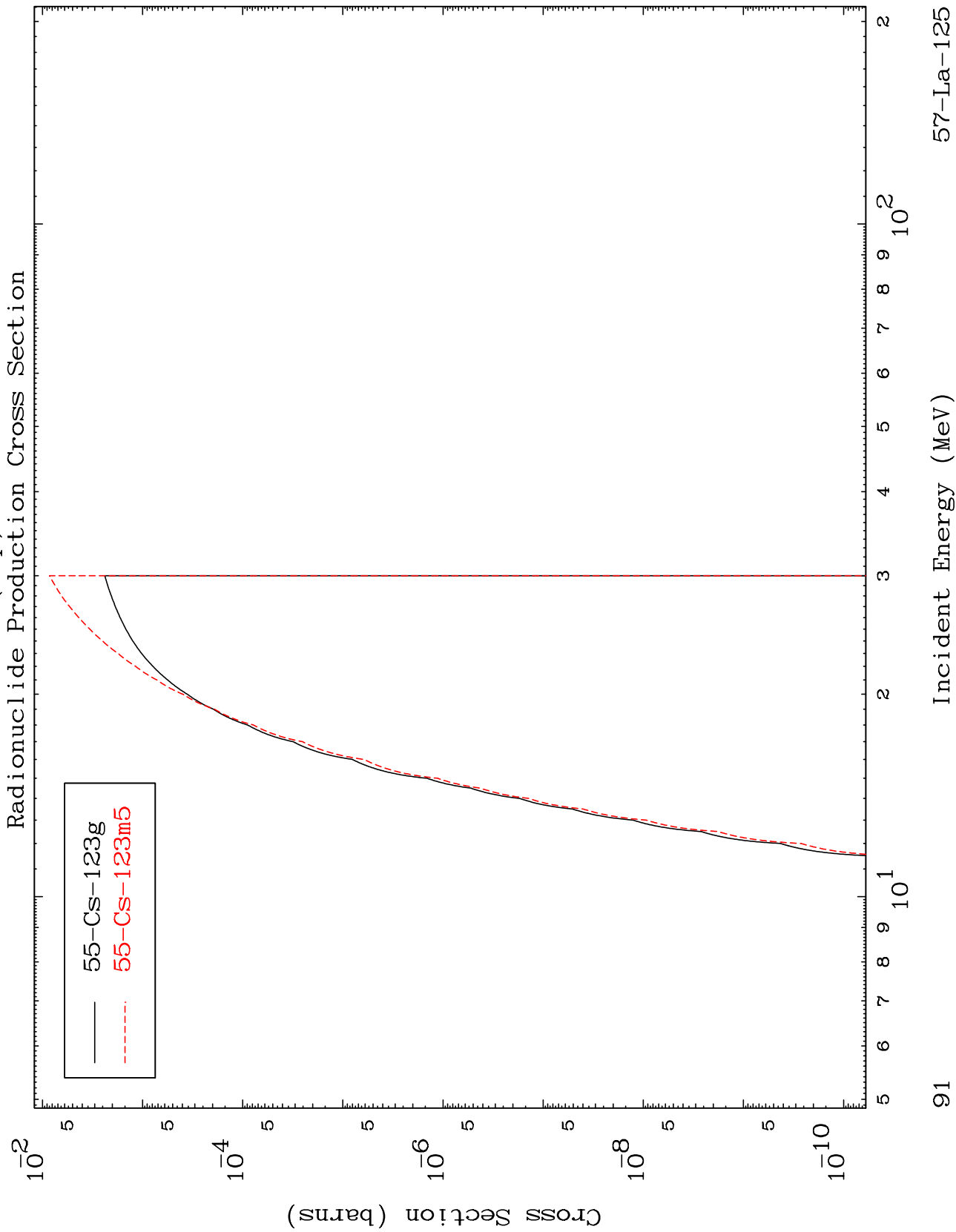


55-Cs-124g
55-Cs-124m10

MAT 5686

(n,p) d

57-La-125

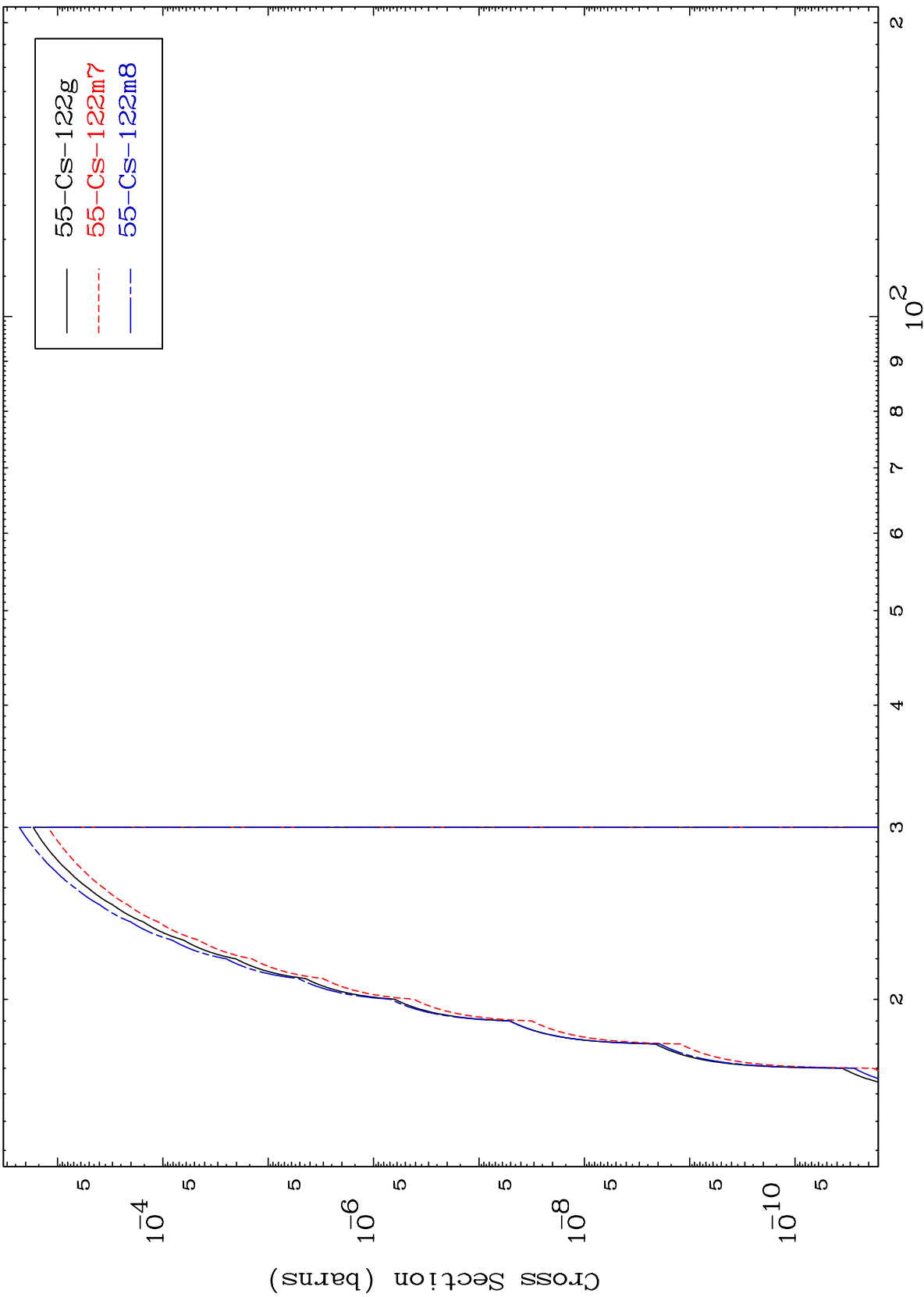


MAT 5686

(n,p) t

57-La-125

Radionuclide Production Cross Section



92

Incident Energy (MeV)

57-La-125