

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

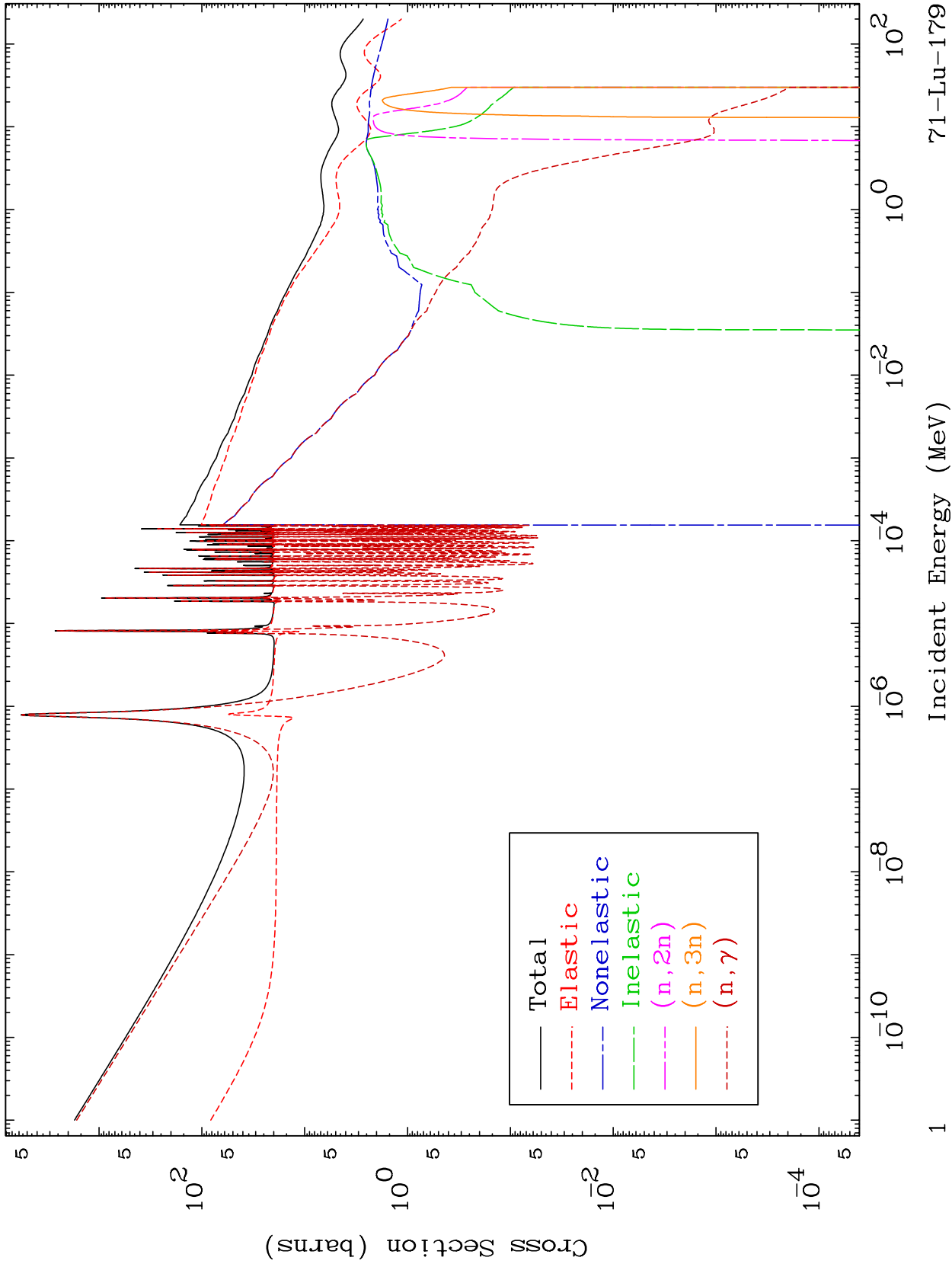
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Press Mouse Button to Start

MAT 7137

Neutron Major
293 Kelvin Cross Sections

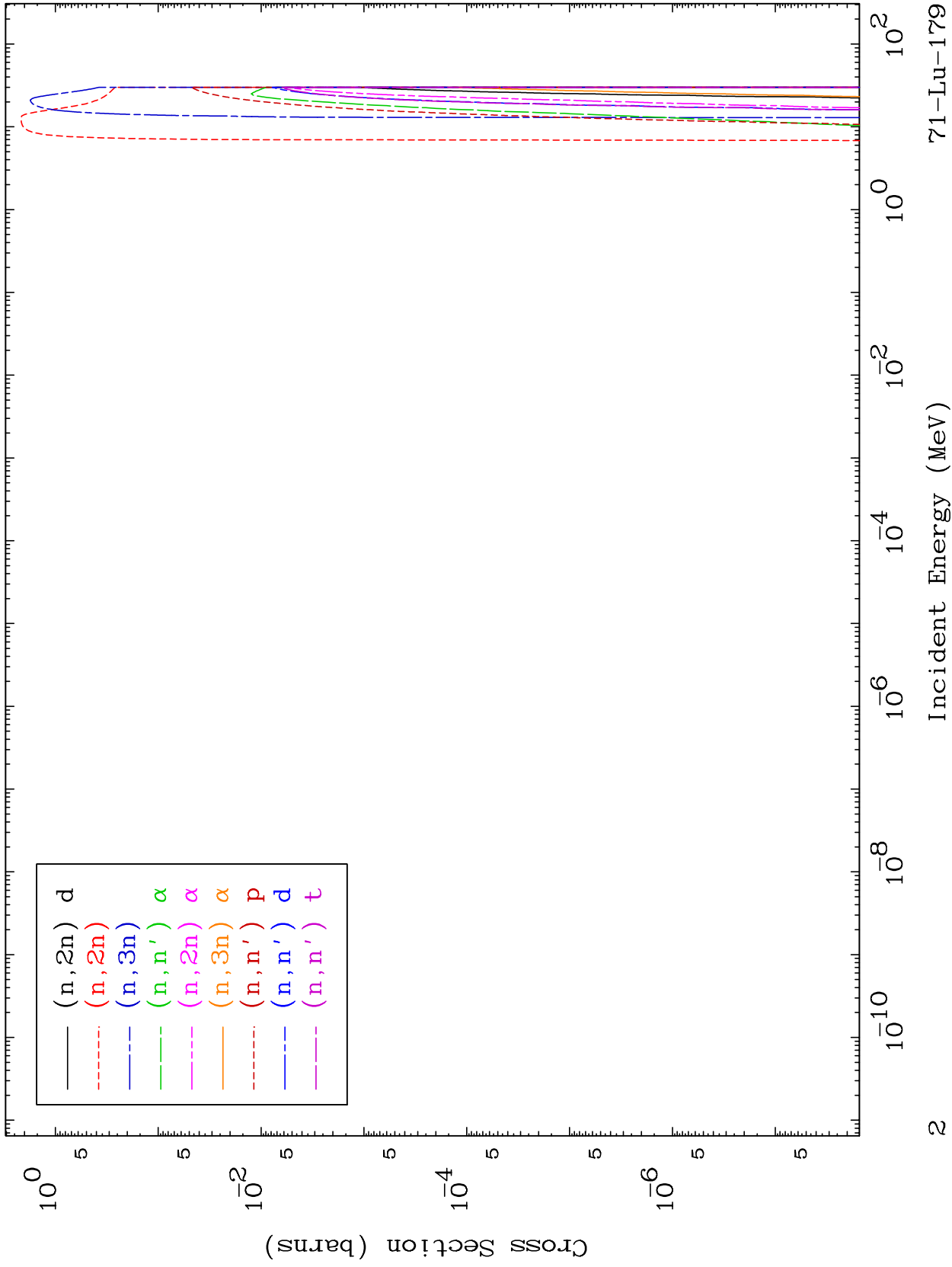
71-Lu-179



MAT 7137

Neutron Absorption
293 Kelvin Cross Sections

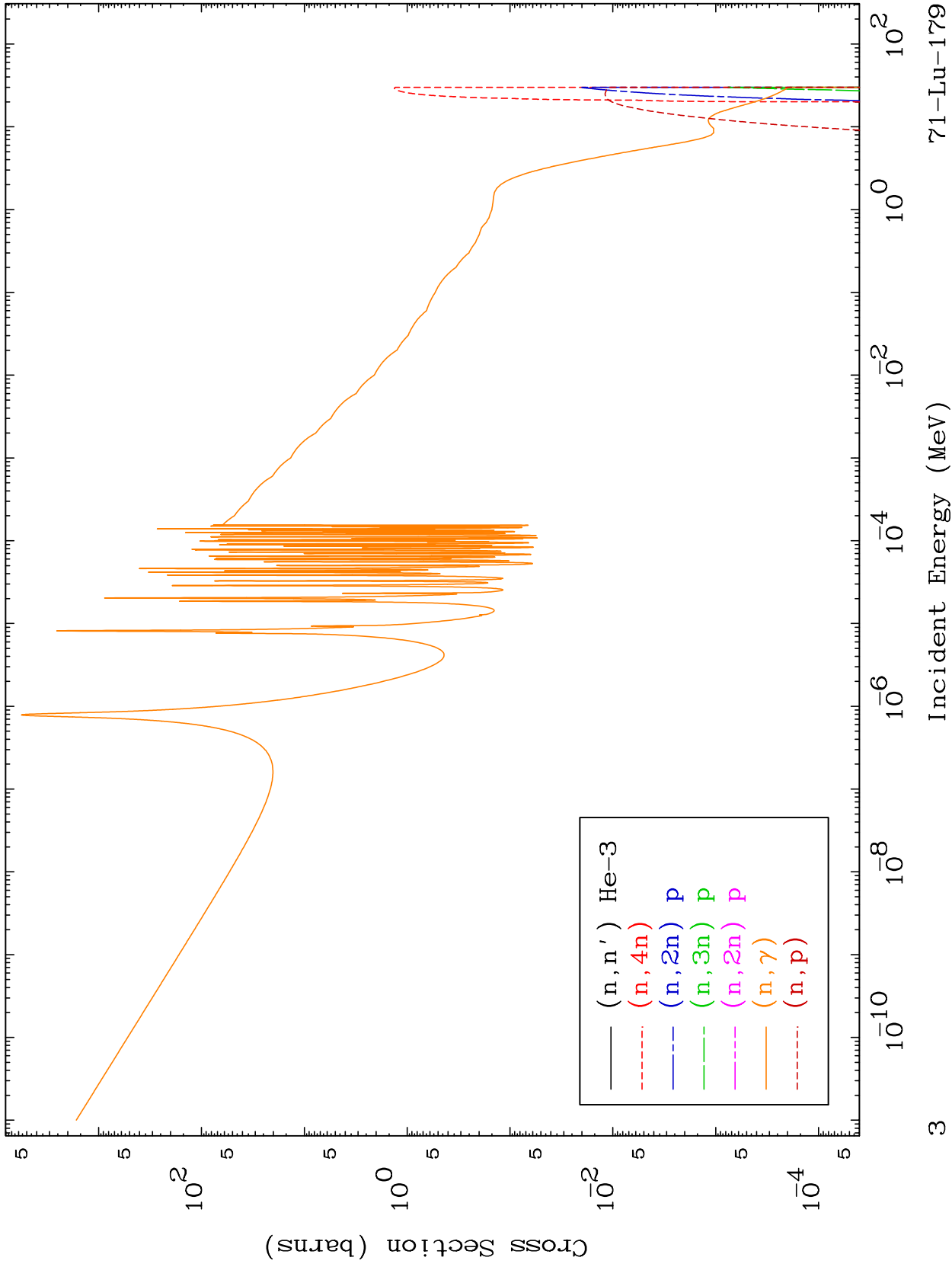
71-Lu-179



MAT 7137

Neutron Absorption
293 Kelvin Cross Sections

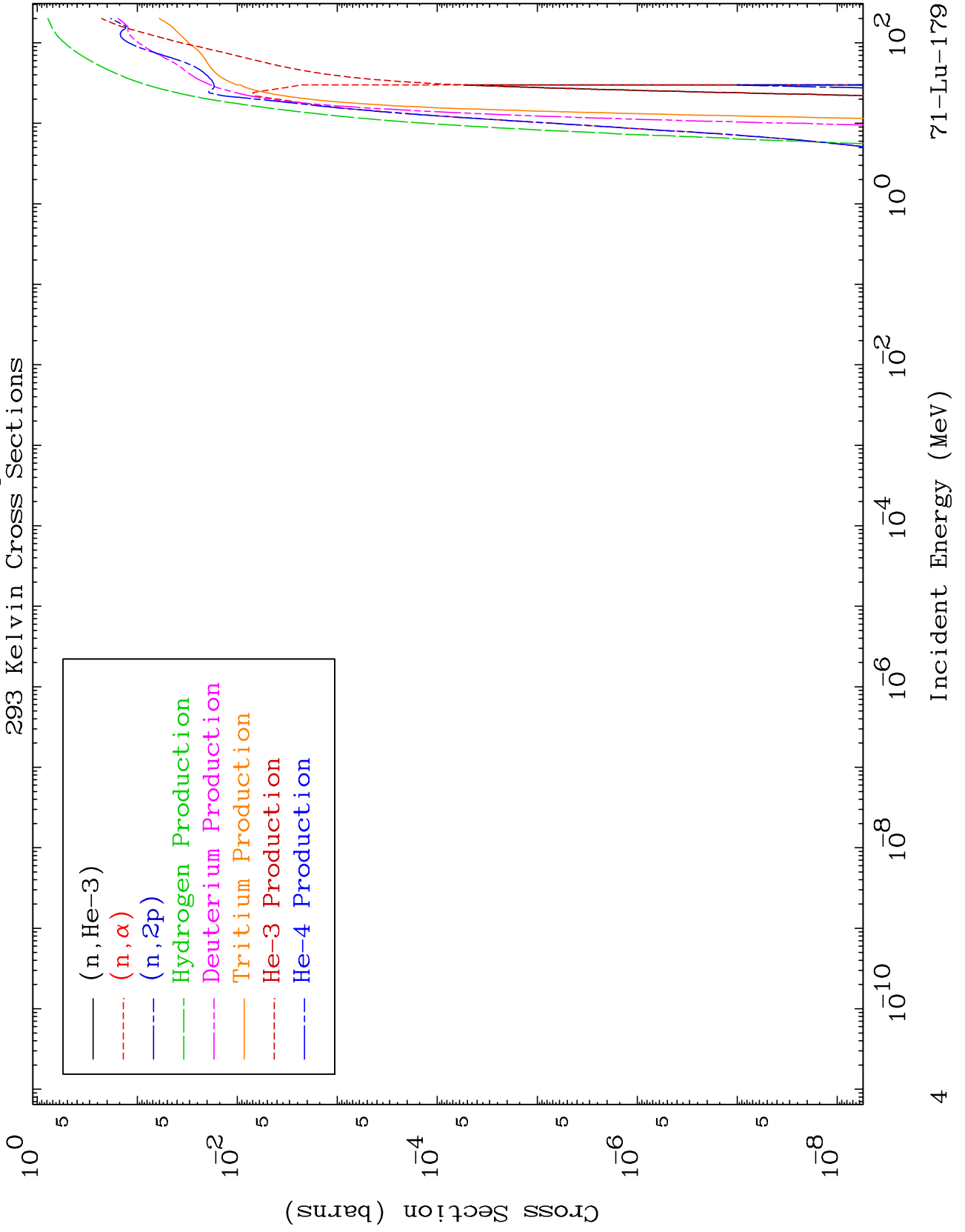
71-Lu-179



MAT 7137

Neutron Absorption
293 Kelvin Cross Sections

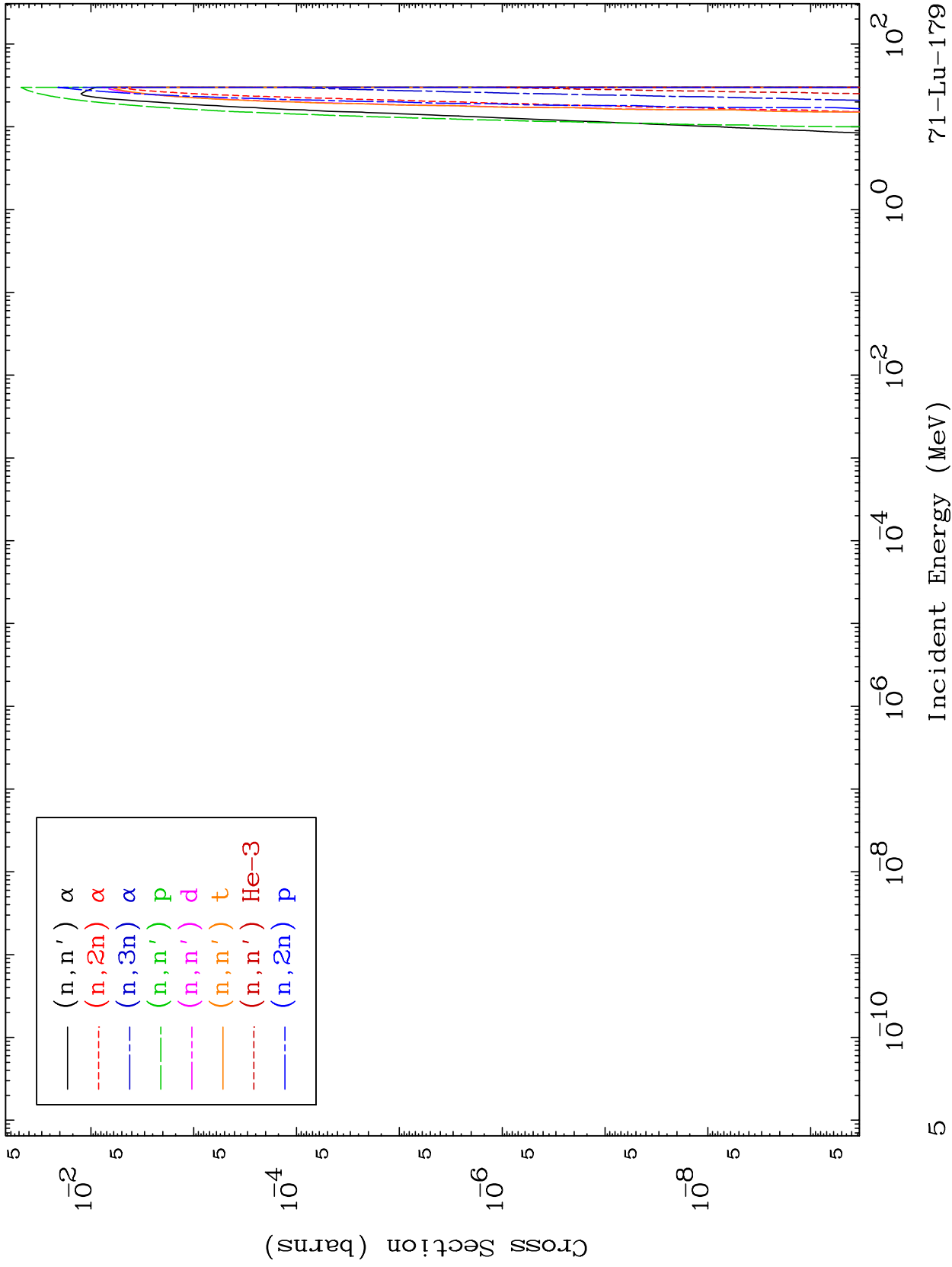
71-Lu-179



MAT 7137

Charged Particle
293 Kelvin Cross Sections

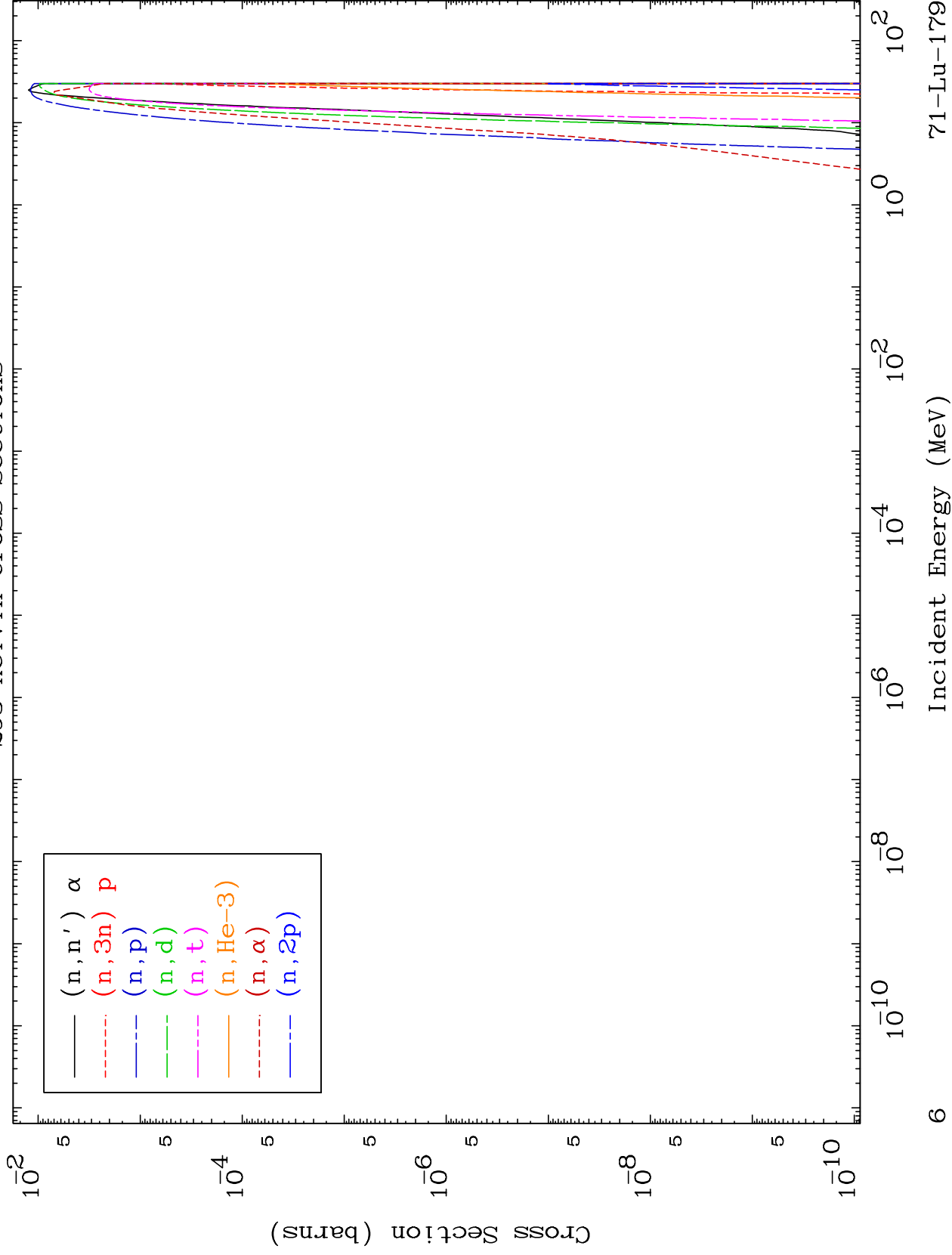
71-Lu-179



MAT 7137

Charged Particle
293 Kelvin Cross Sections

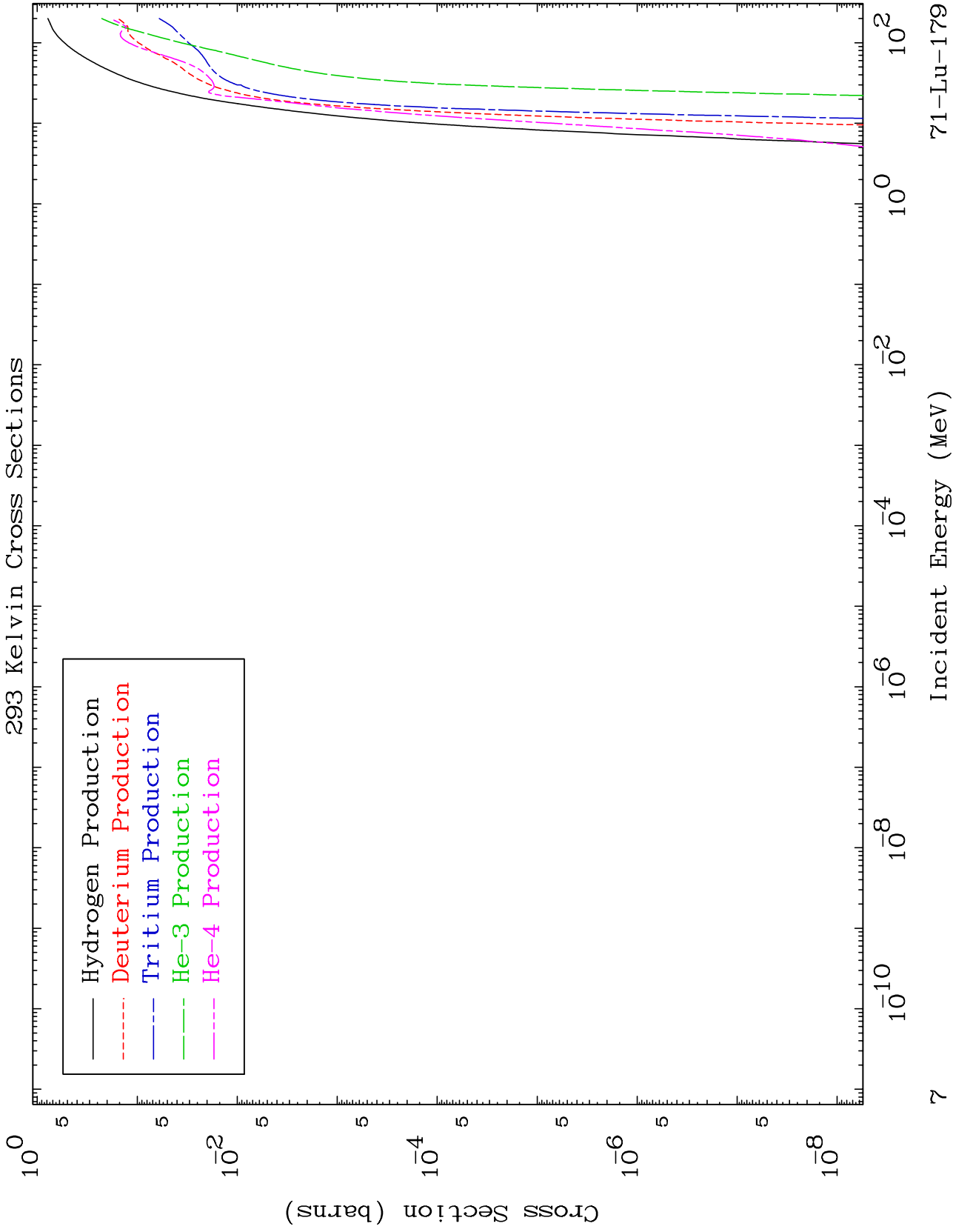
71-Lu-179



MAT 7137

Particle Production
293 Kelvin Cross Sections

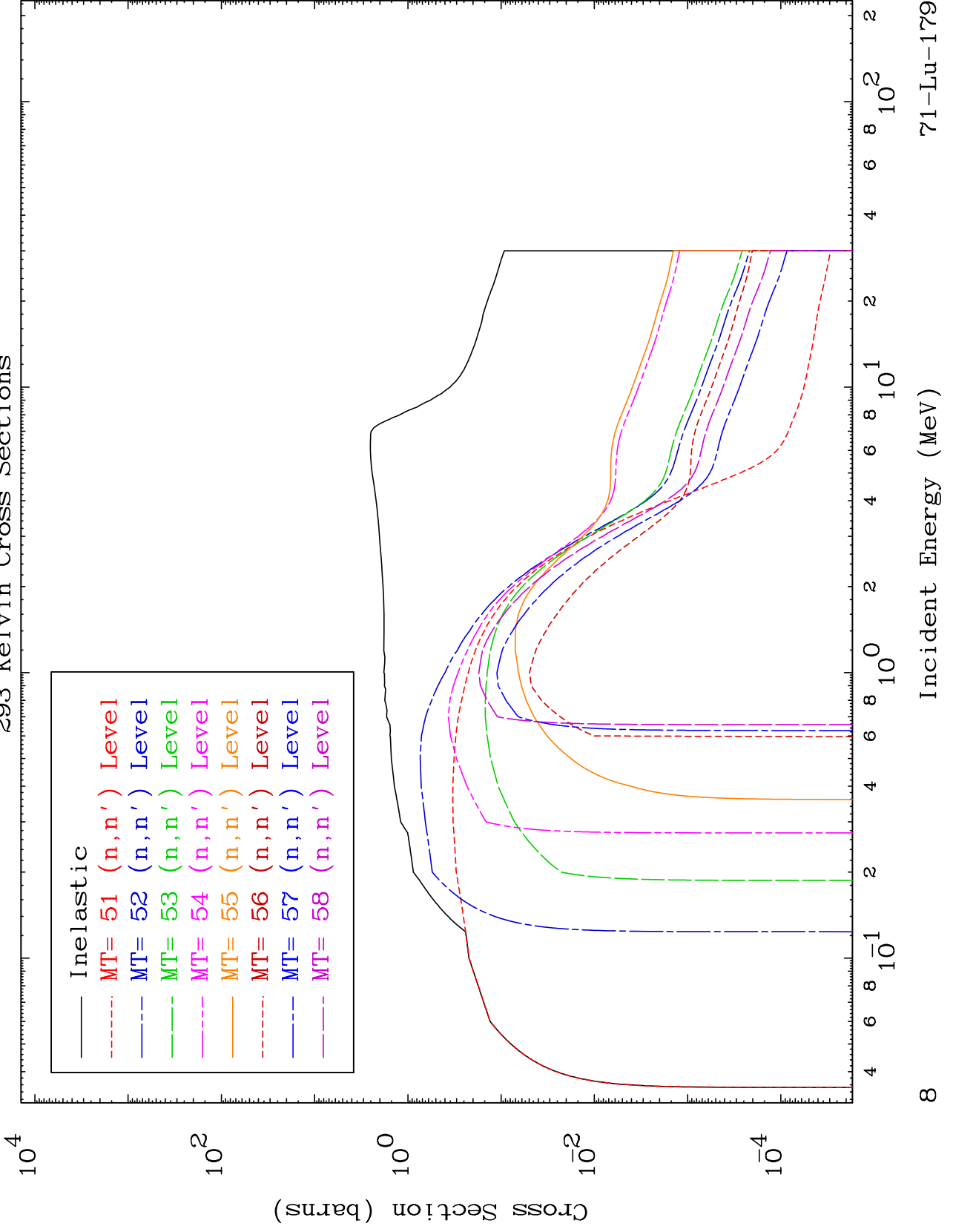
71-Lu-179



MAT 7137

(n,n') Levels
293 Kelvin Cross Sections

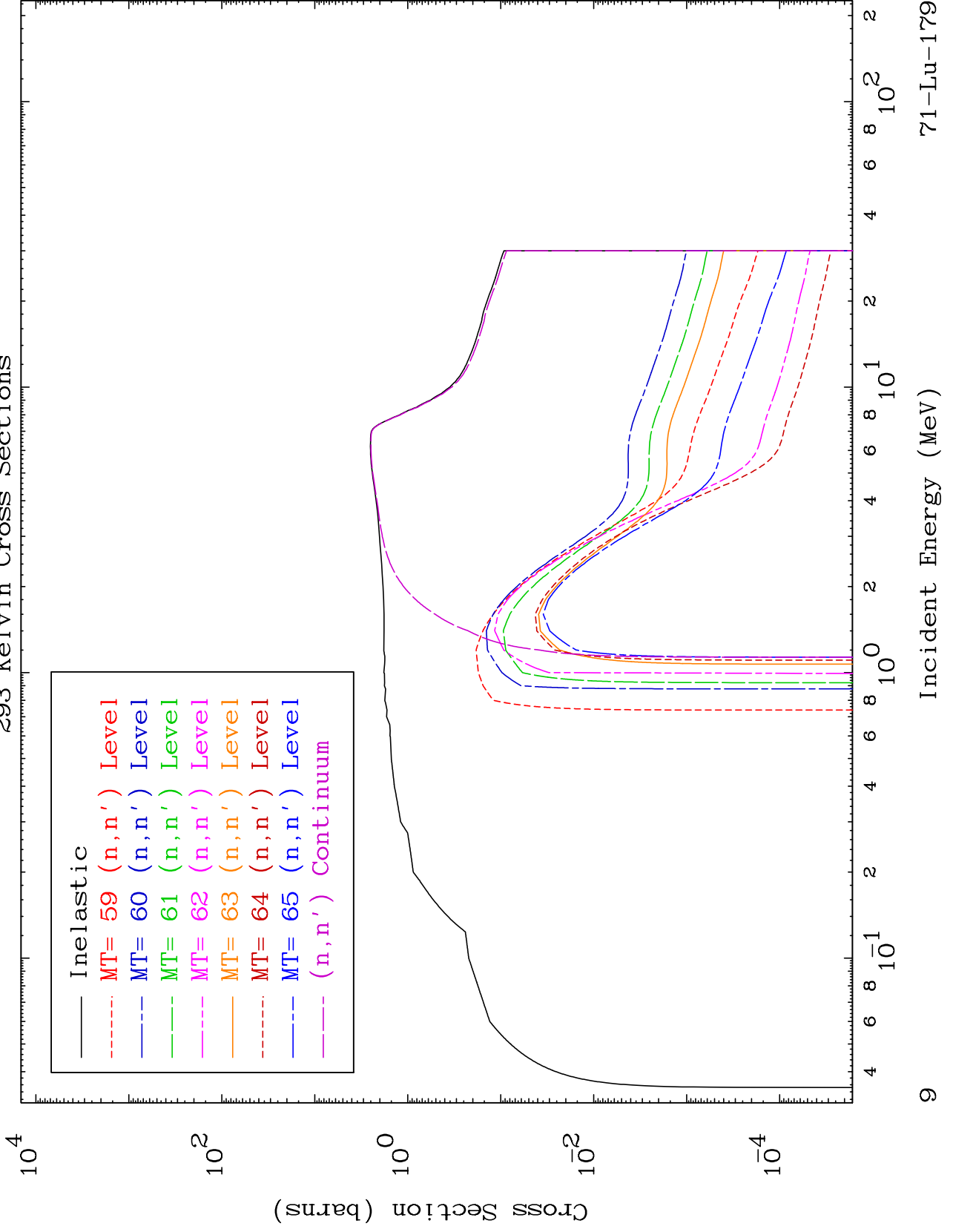
71-Lu-179



MAT 7137

(n,n') Levels
293 Kelvin Cross Sections

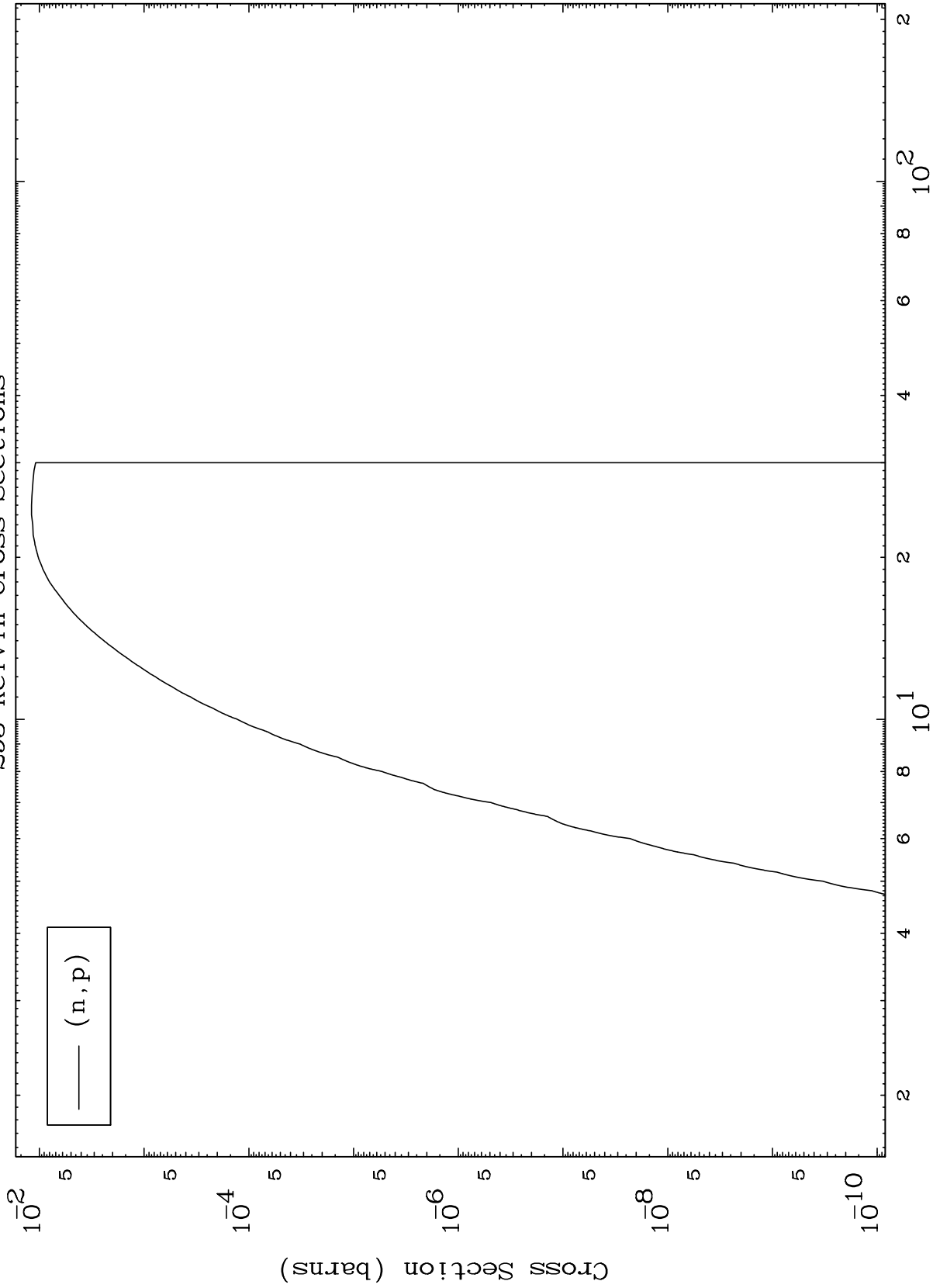
71-Lu-179



MAT 7137

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-179



10

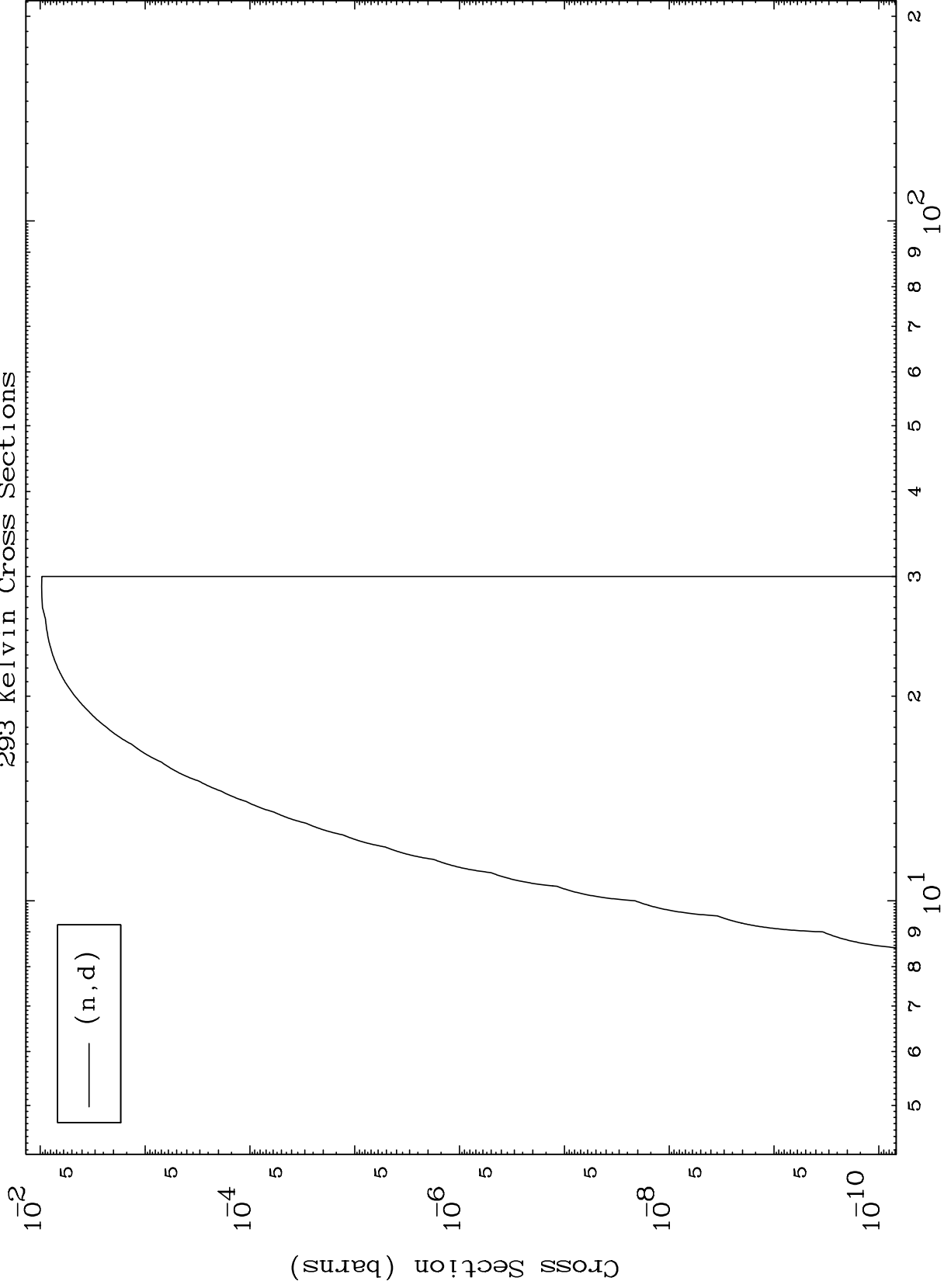
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-179



11

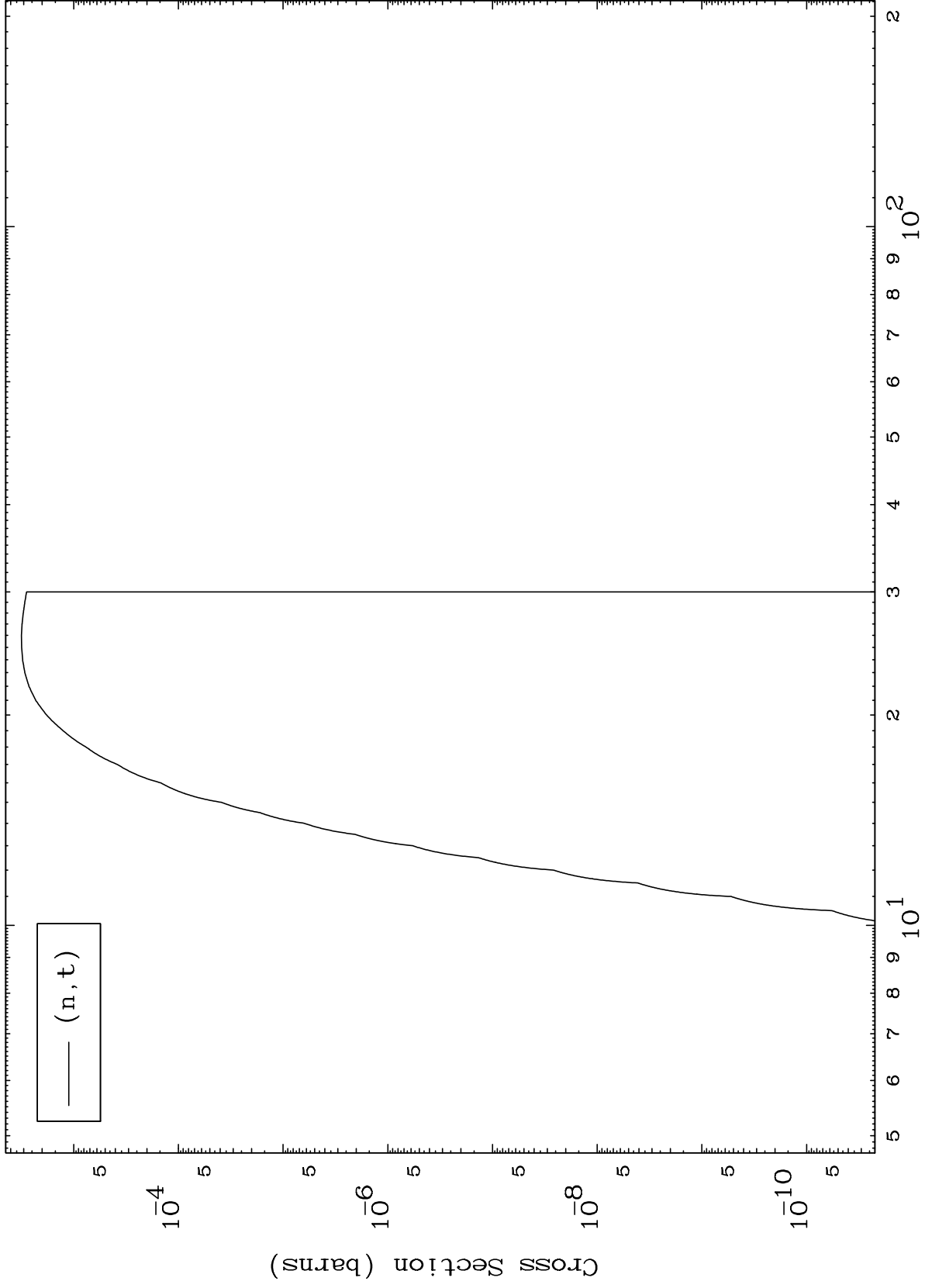
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-179



12

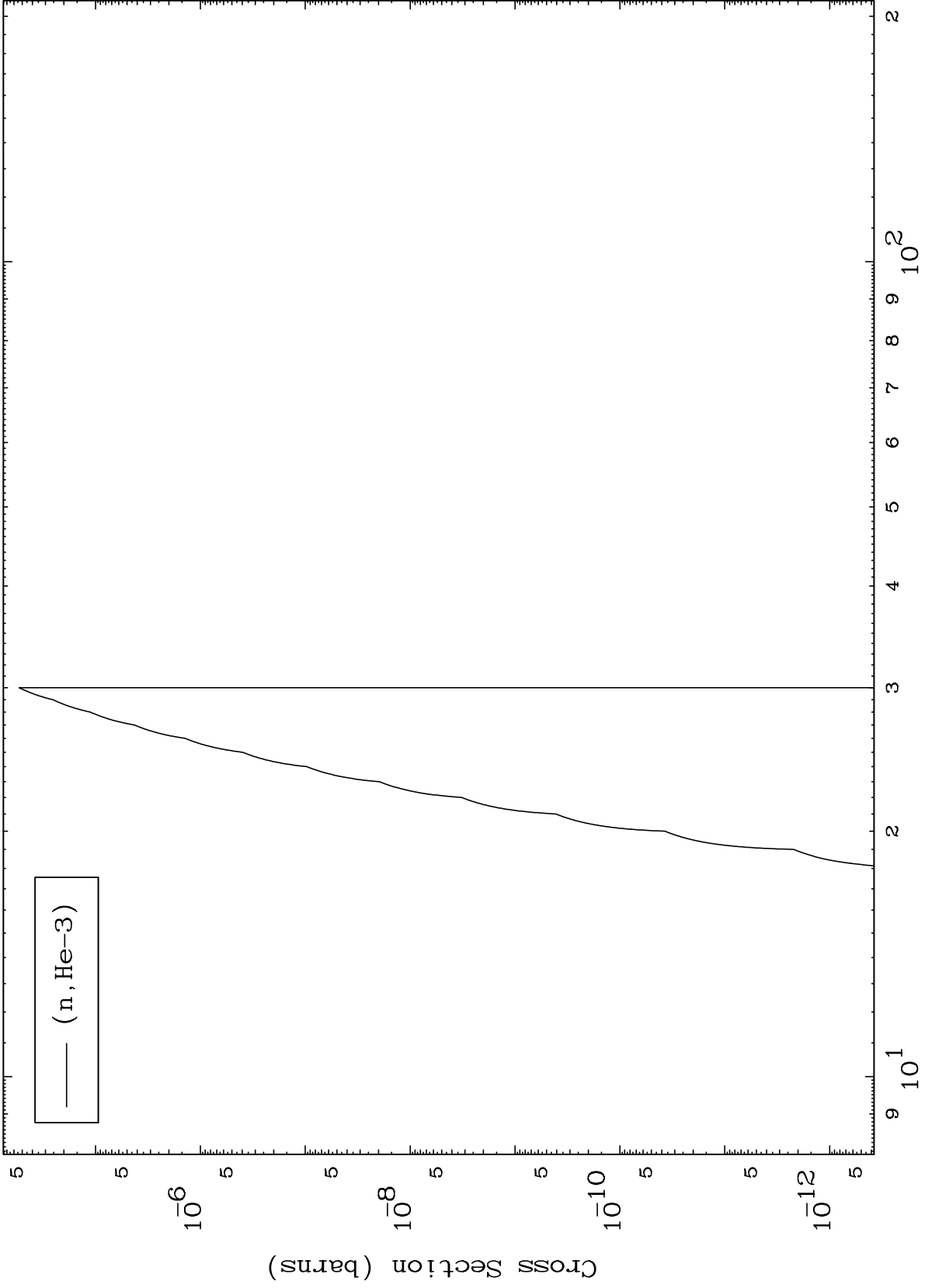
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-179



13

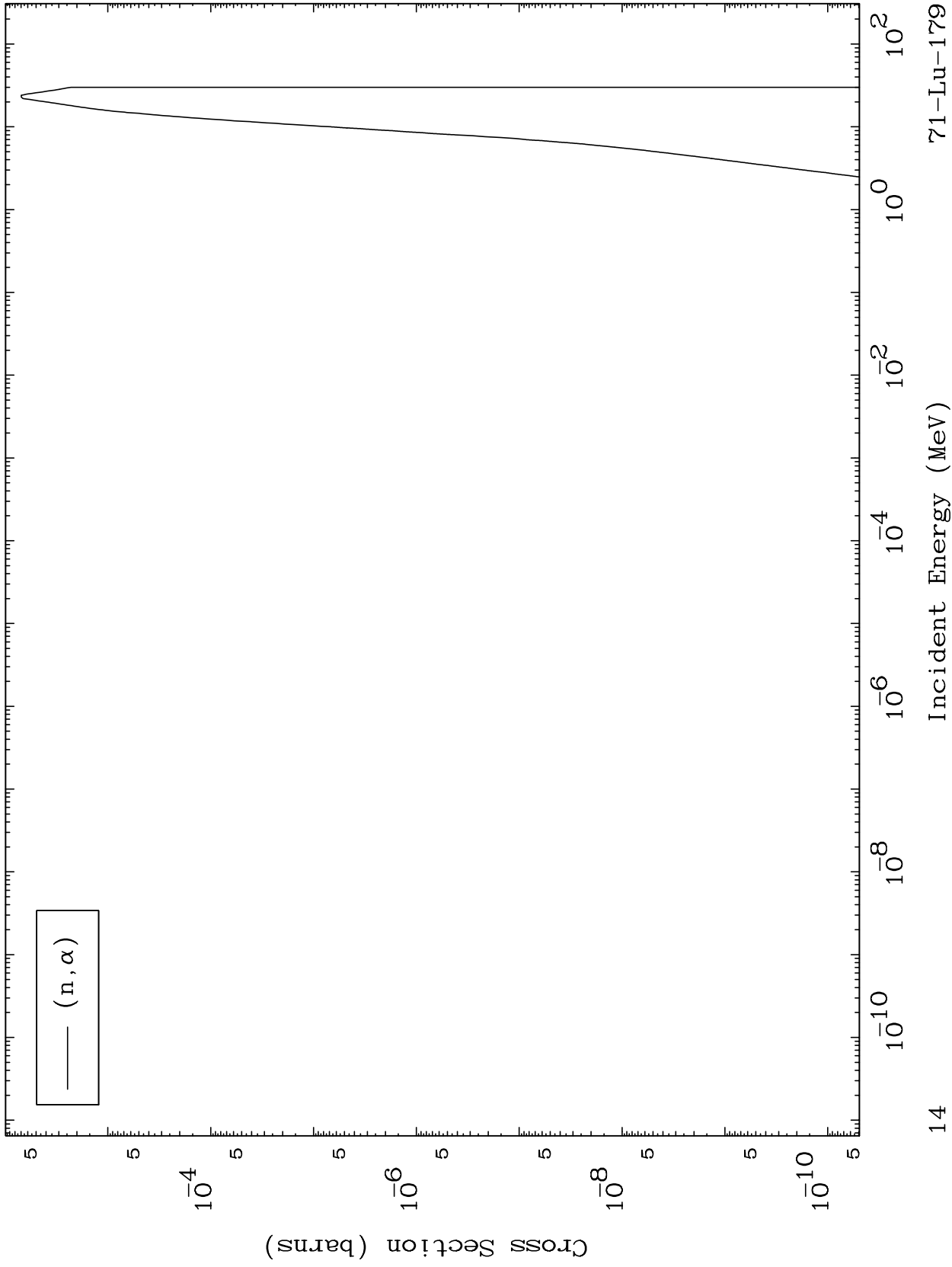
Incident Energy (MeV)

71-Lu-179

MAT 7137

(n, α) Levels
293 Kelvin Cross Sections

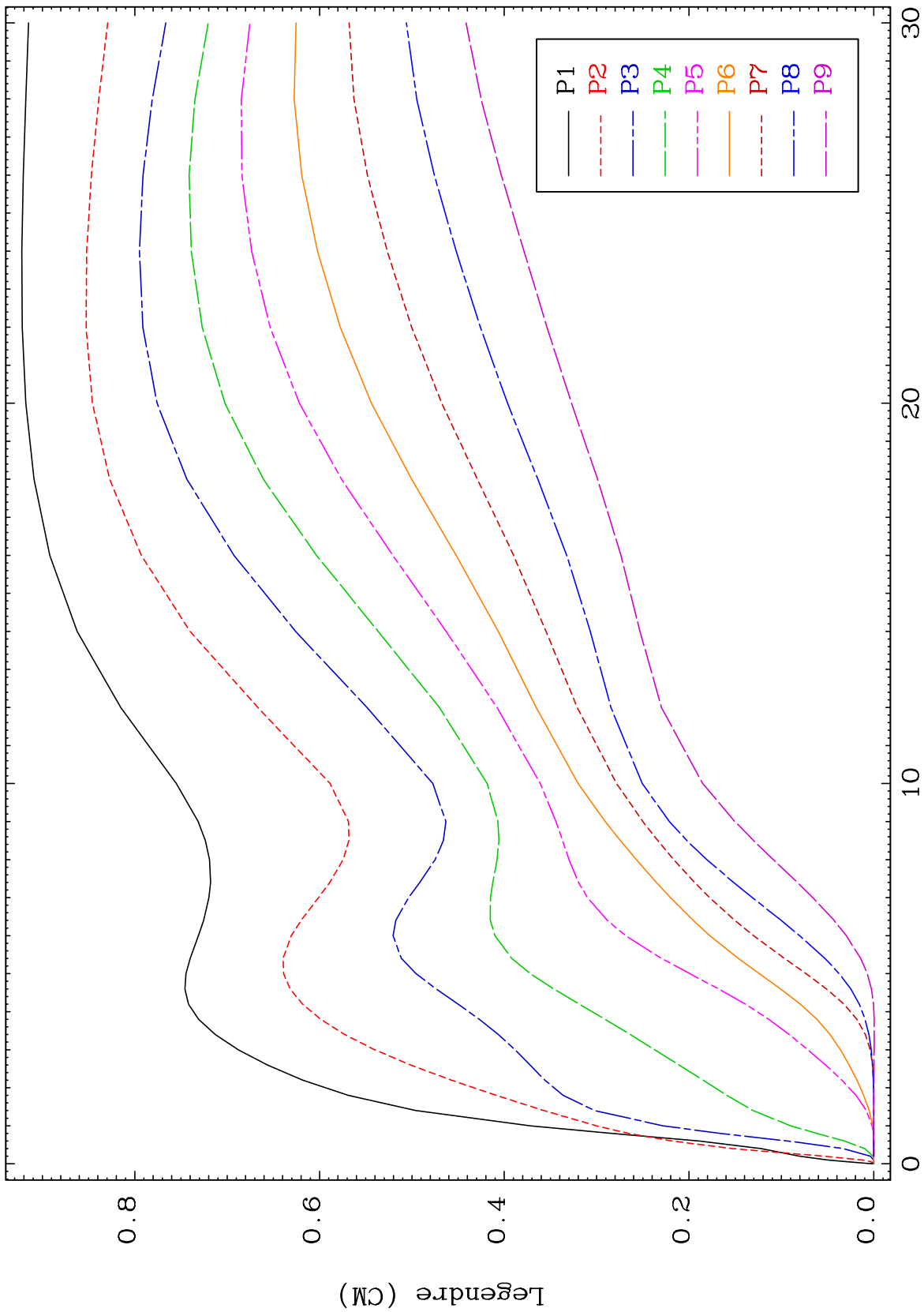
71-Lu-179



MAT 7137

71-Lu-179

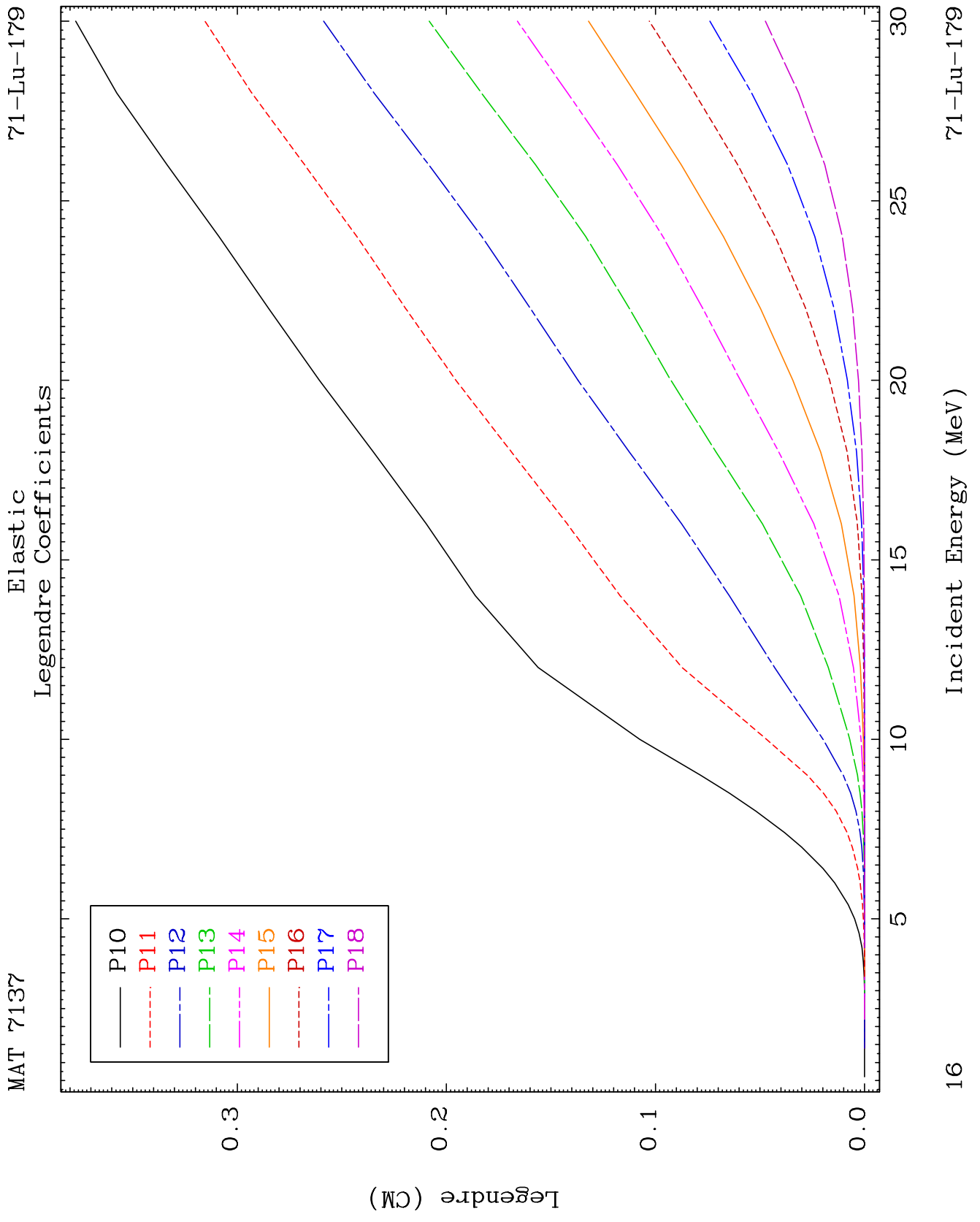
Elastic Legendre Coefficients



71-Lu-179

Incident Energy (MeV)

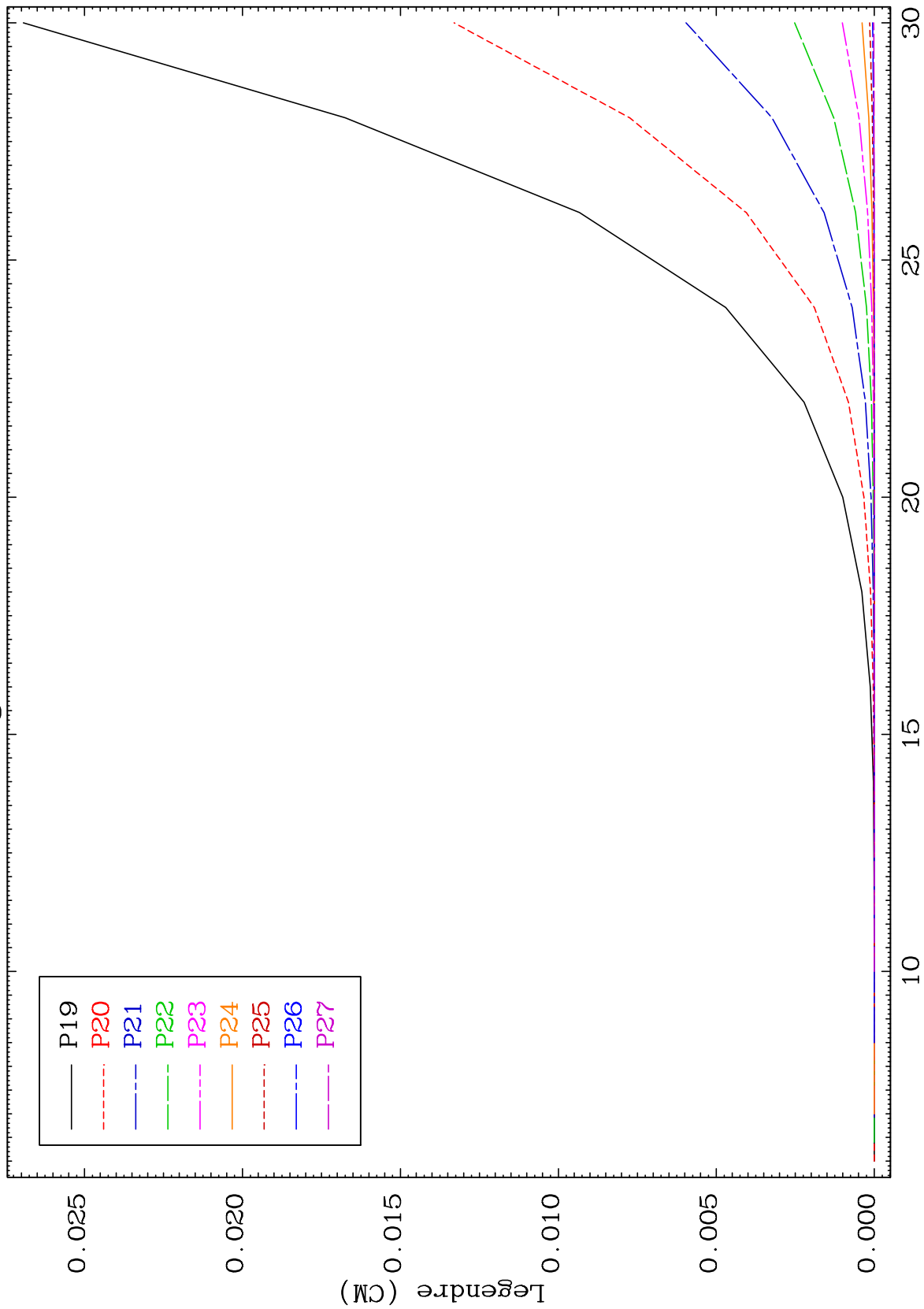
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MAT 7137

Elastic Legendre Coefficients

71-Lu-179



17

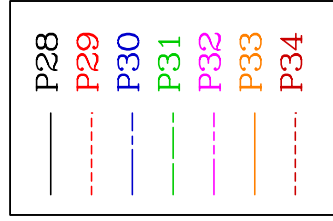
Incident Energy (MeV)

71-Lu-179

MAT 7137

Elastic
Legendre Coefficients

71-Lu-179



$\times 10^{-66}$

Legendre (CM)

4

2

0

15

20

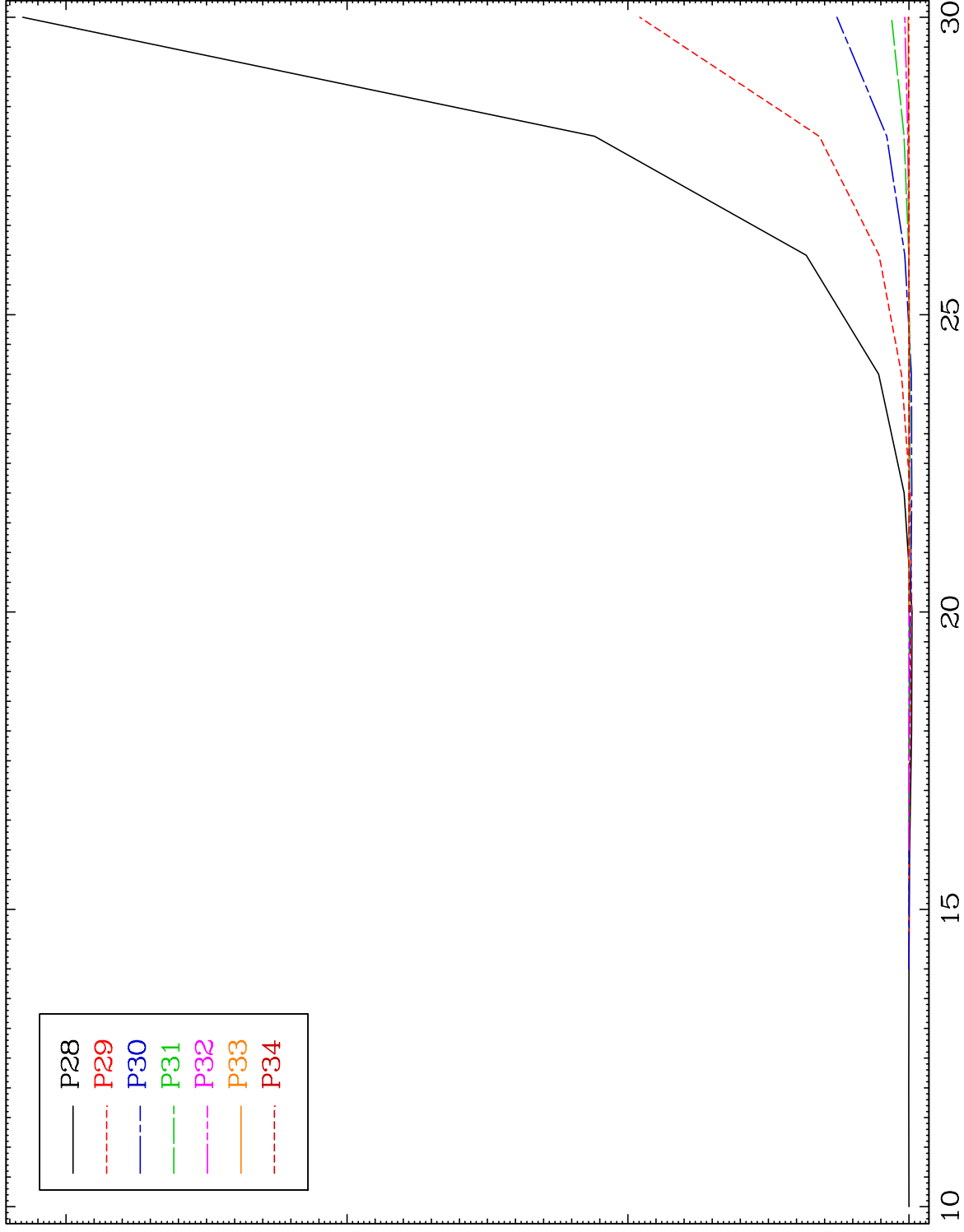
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30

18

Incident Energy (MeV)

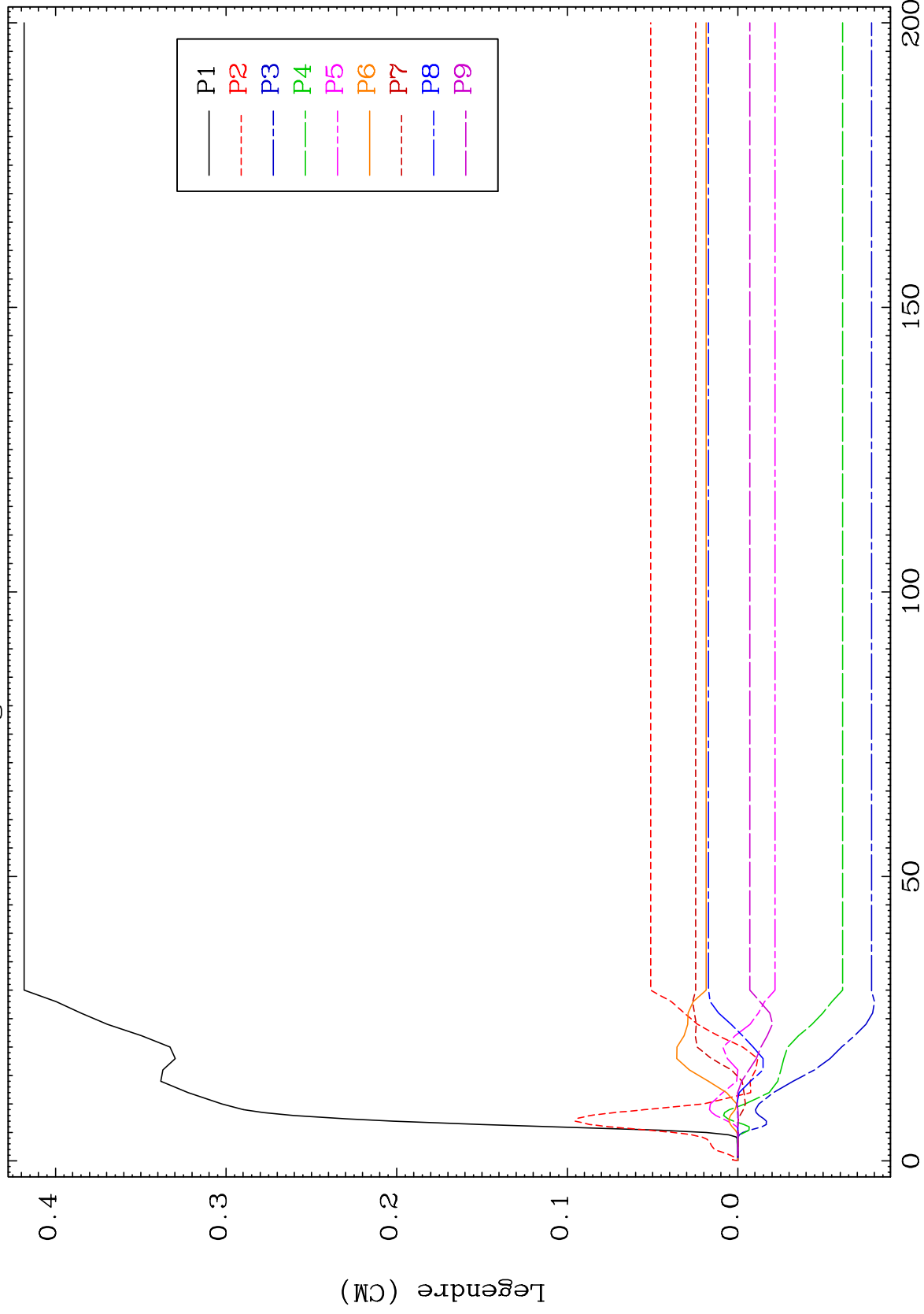
71-Lu-179



MAT 7137

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

71-Lu-179



19

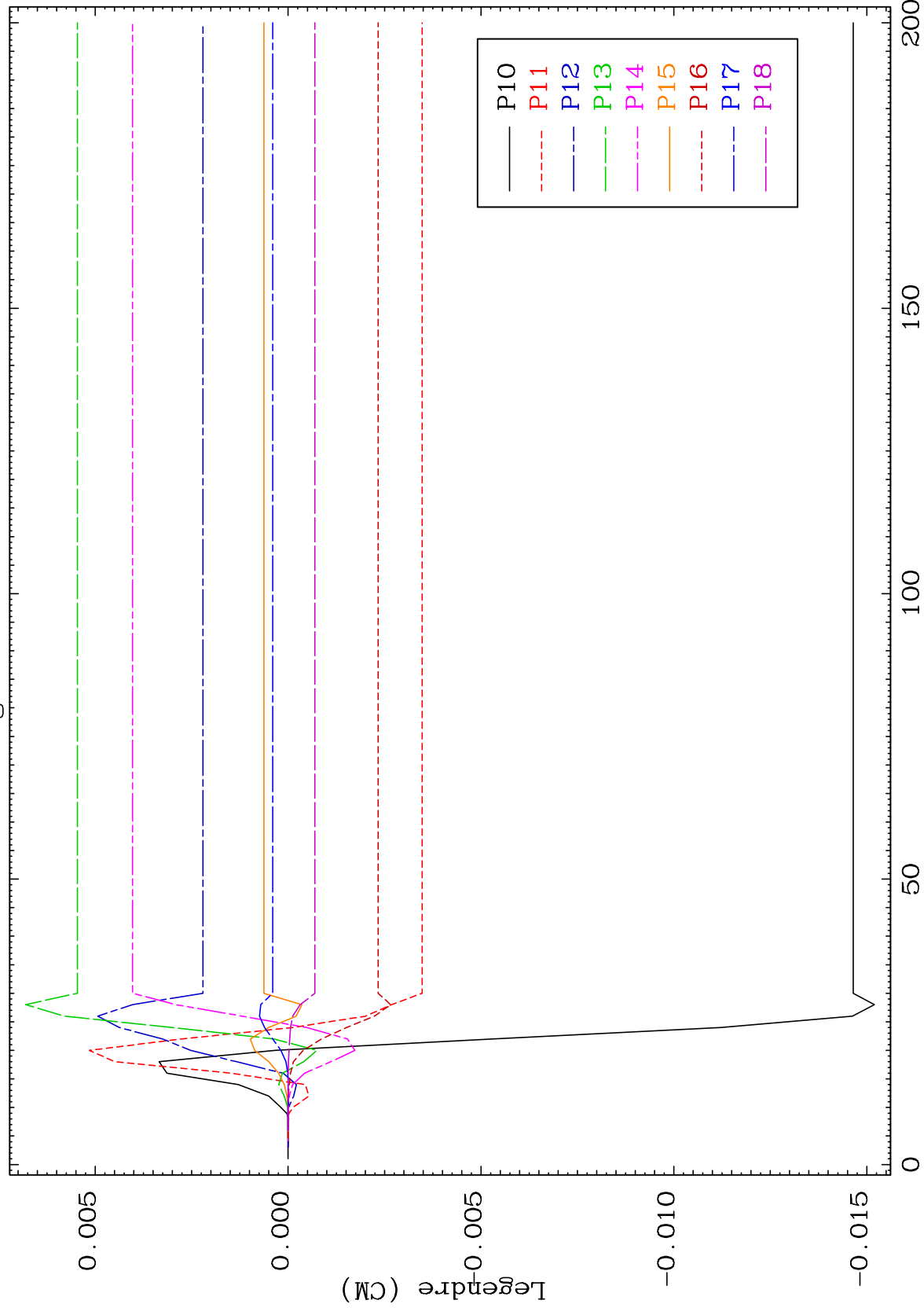
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

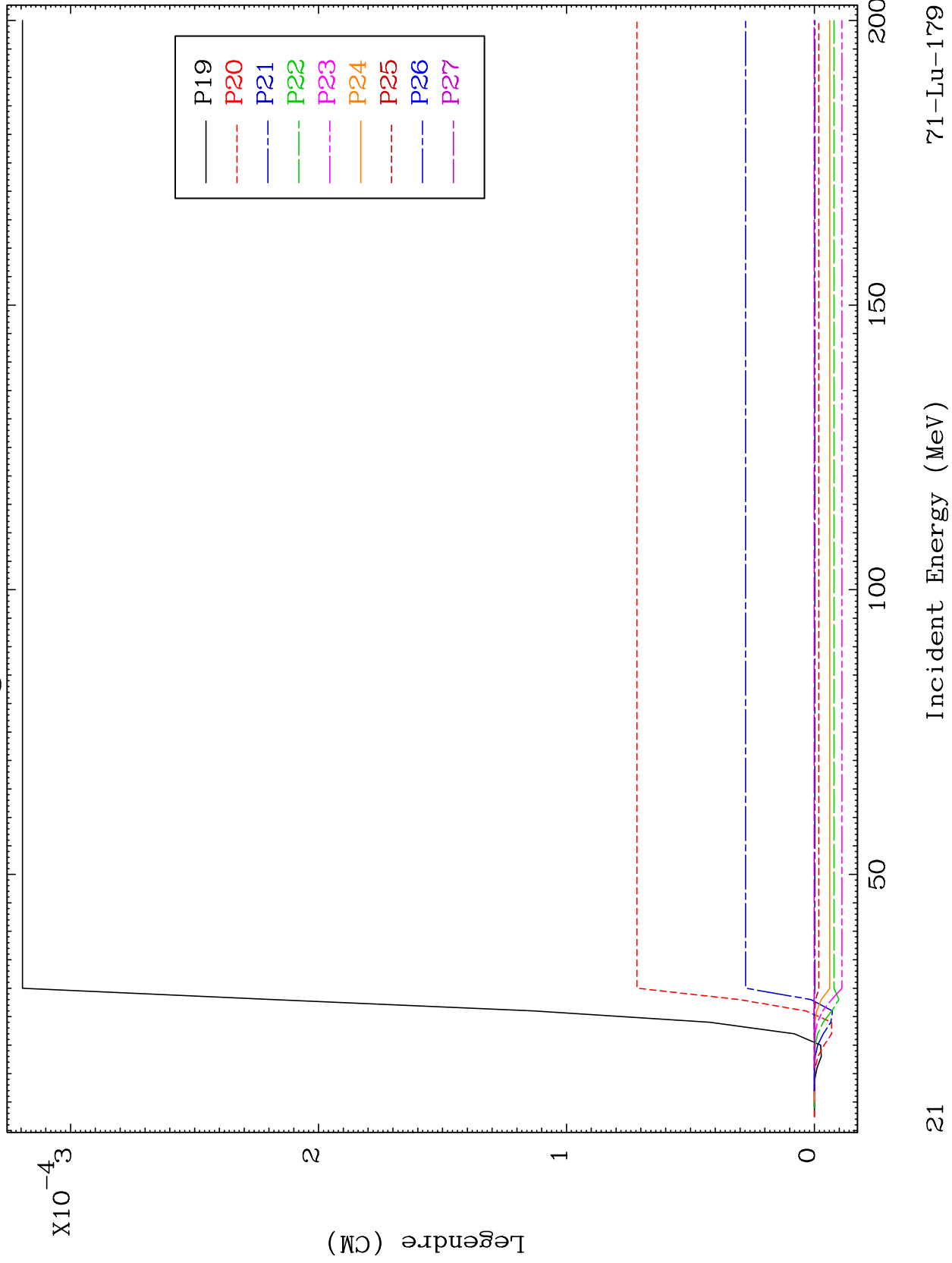
Incident Energy (MeV)

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MAT 7137

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

71-Lu-179



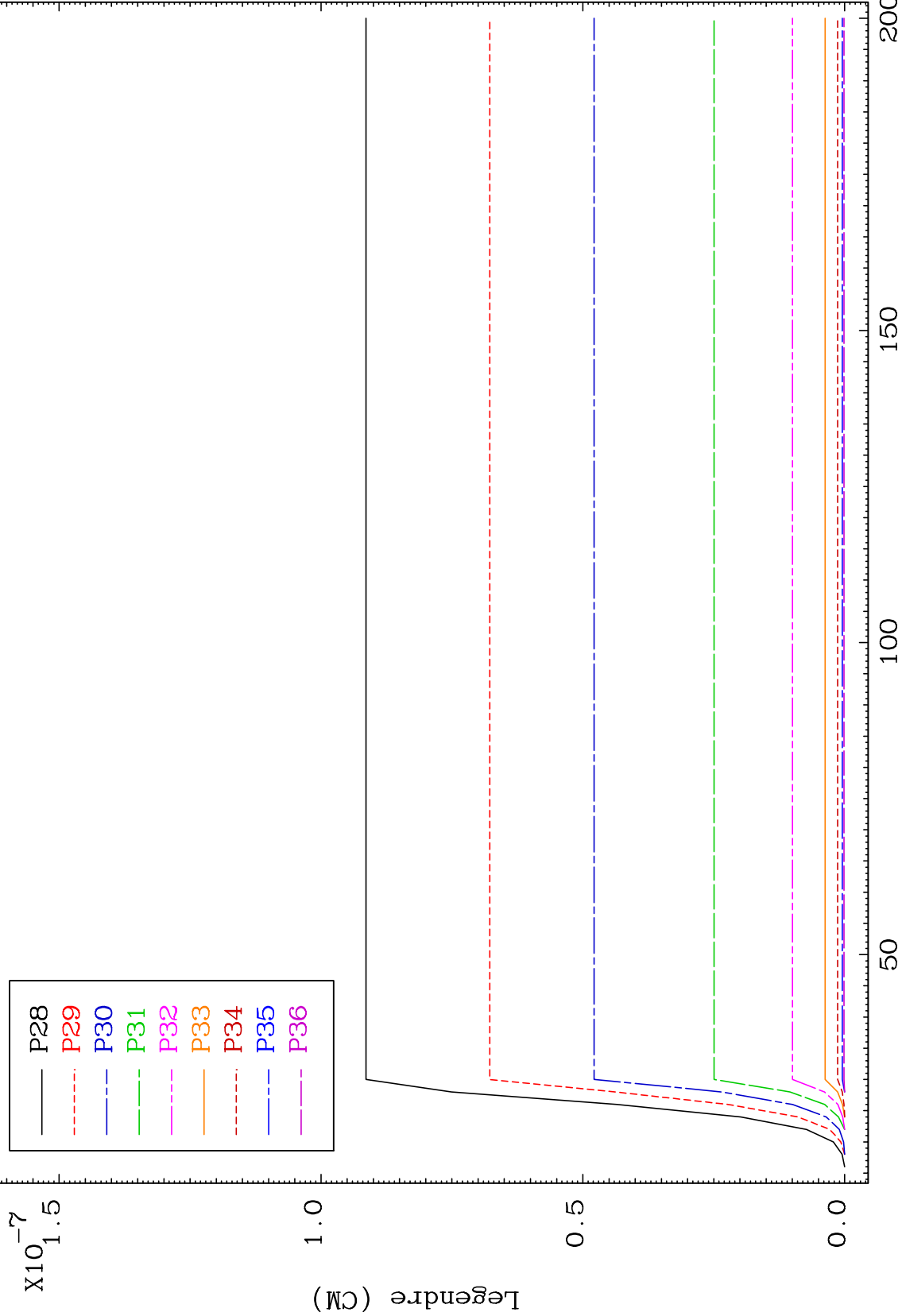
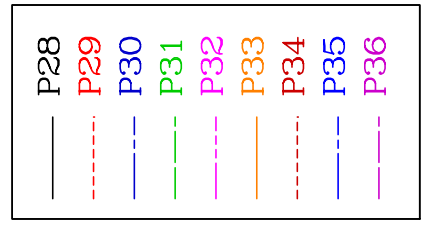
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71-Lu-179

MAT 7137

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

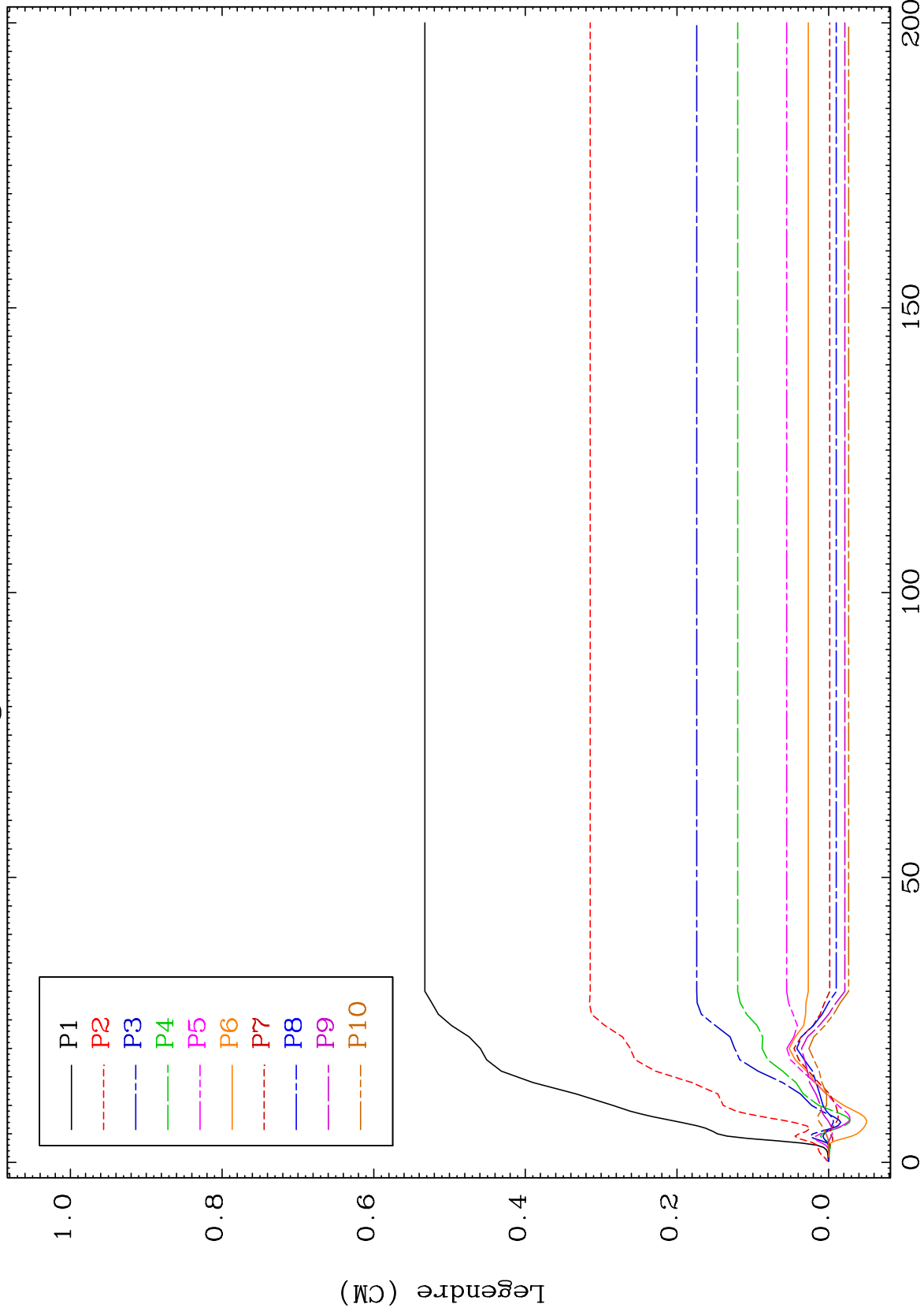
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22

Incident Energy (MeV)

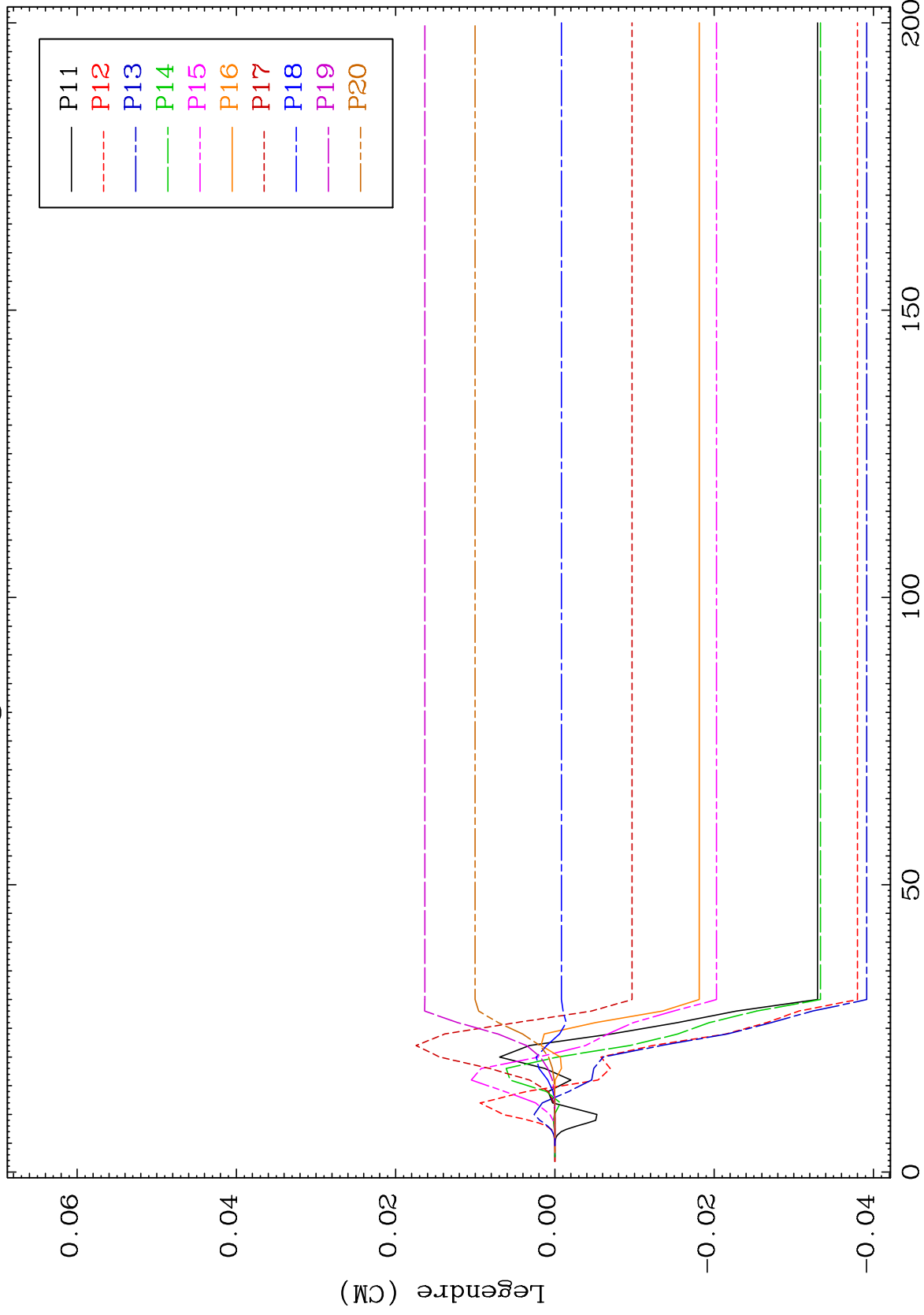
71-Lu-179



MAT 7137

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

71-Lu-179



24

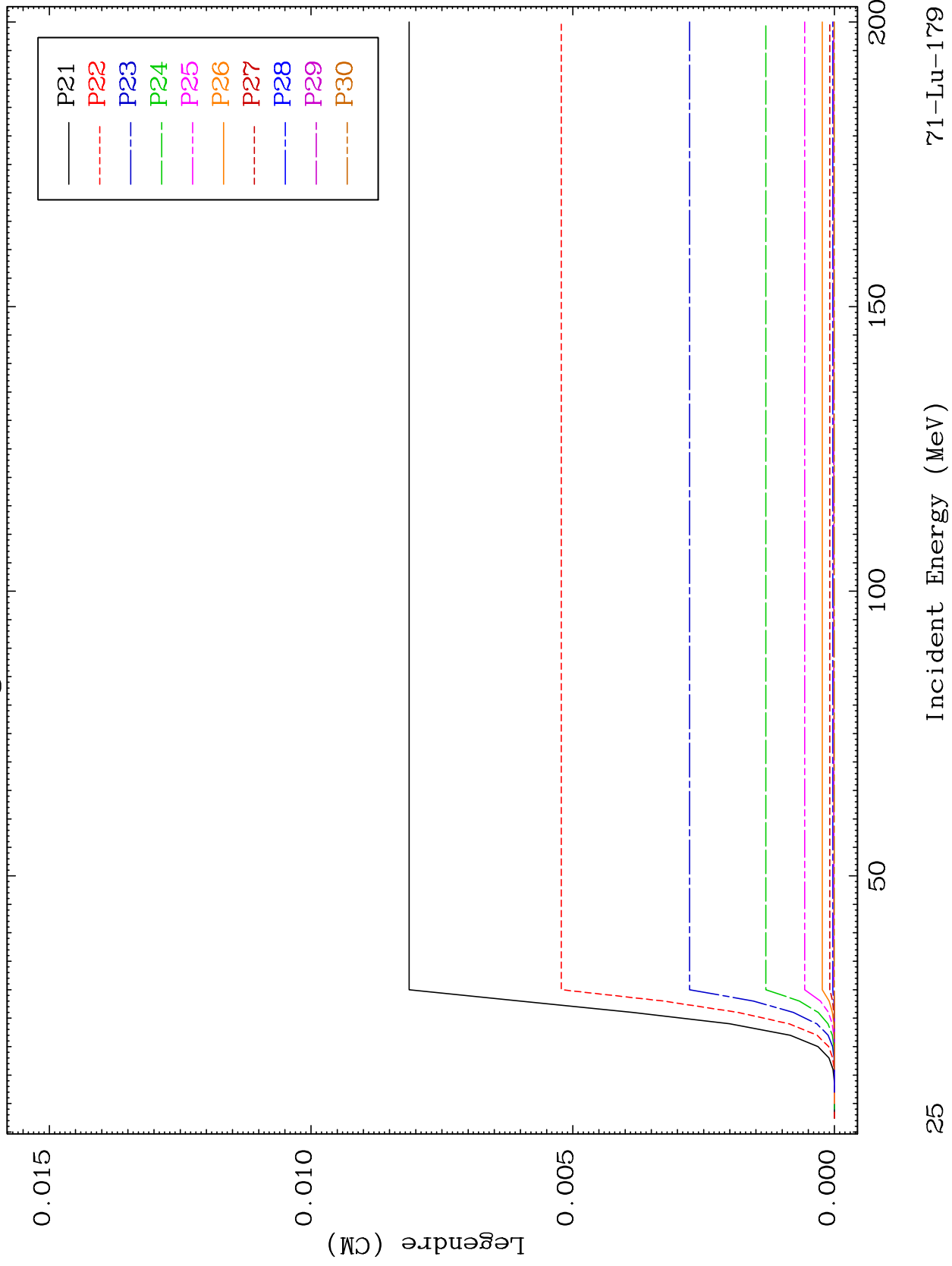
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



25

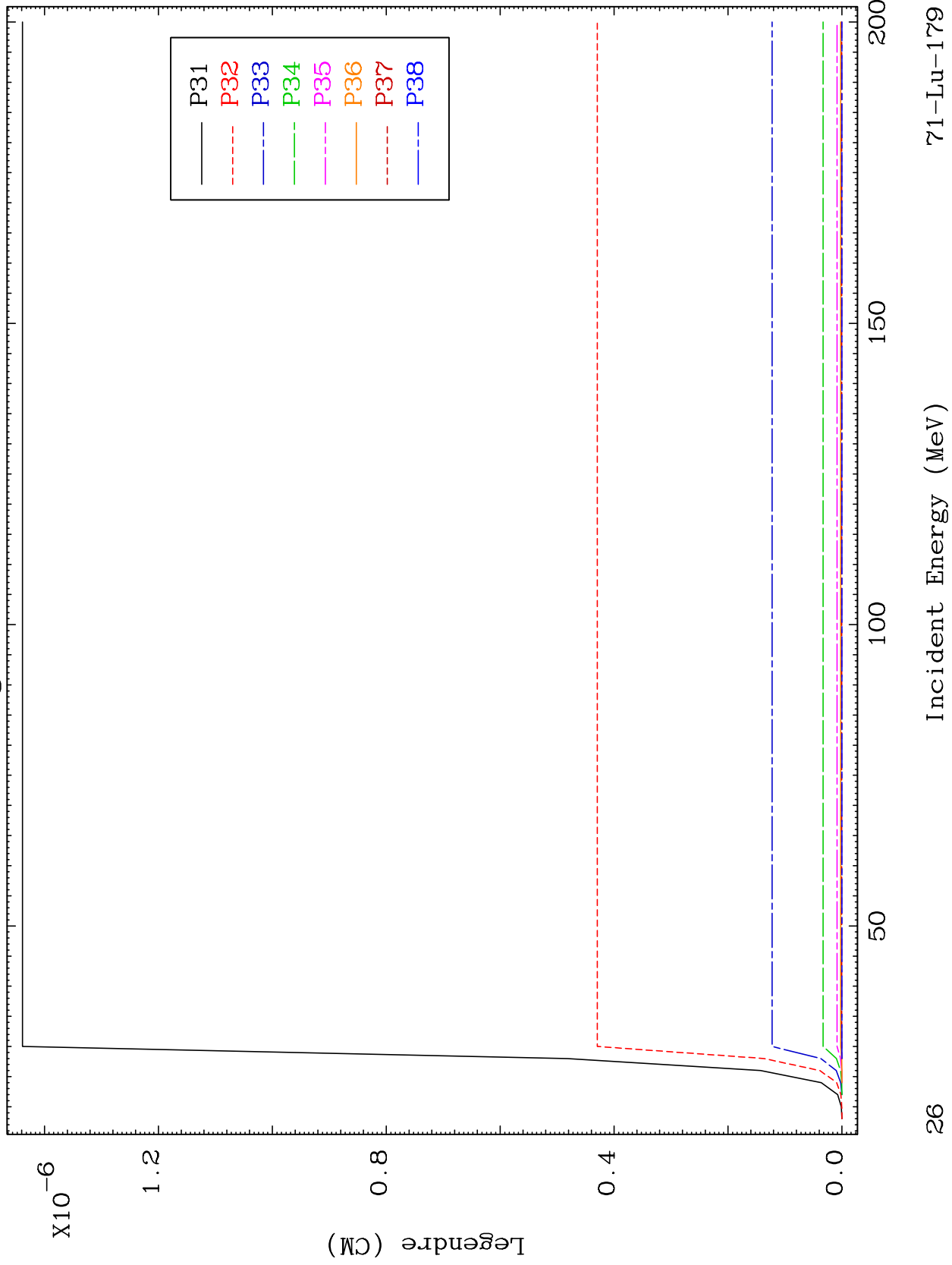
Incident Energy (MeV)

71-Lu-179

MAT 7137

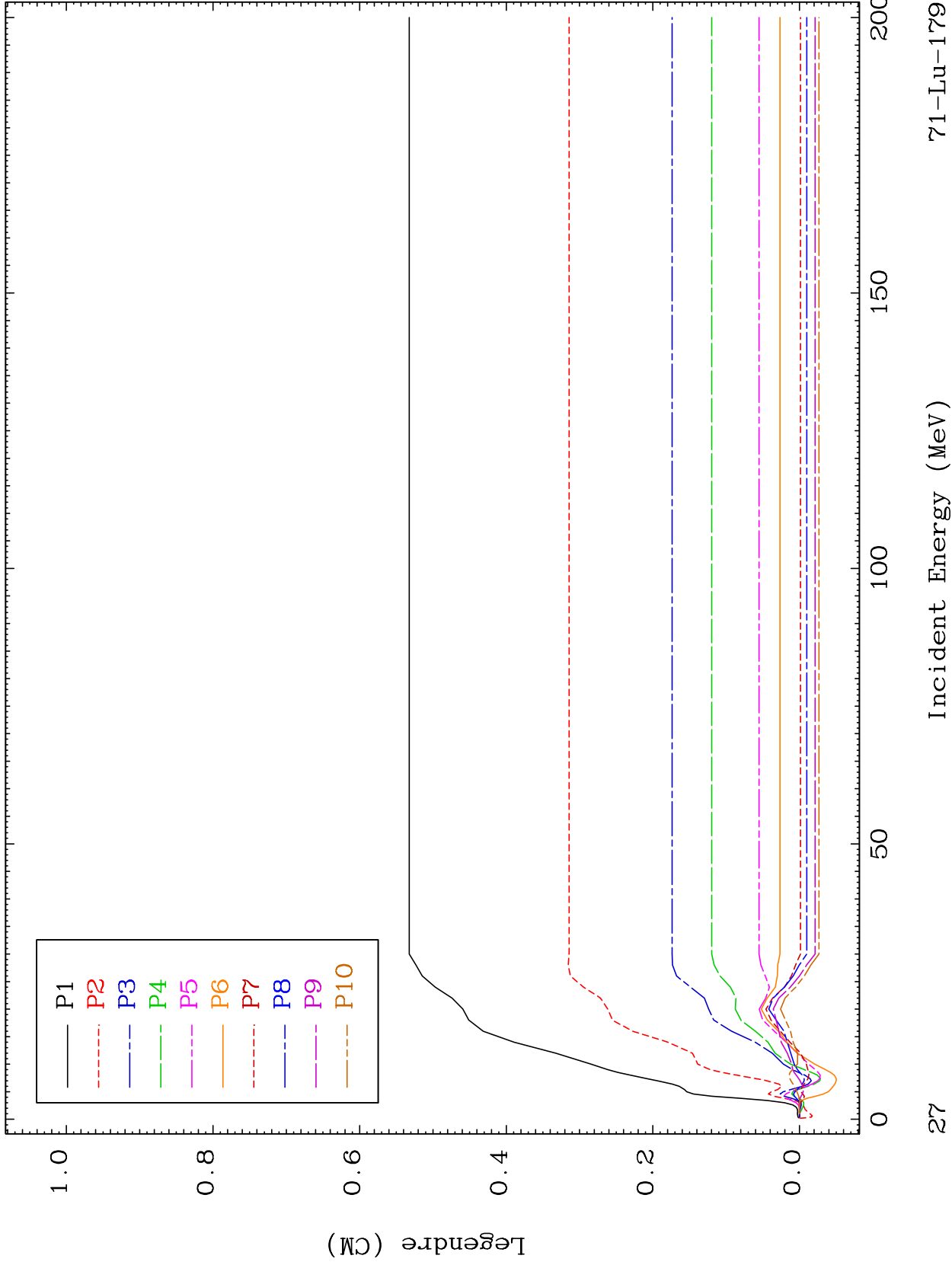
MT= 52 (n,n') Level
Legendre Coefficients

71-Lu-179



26

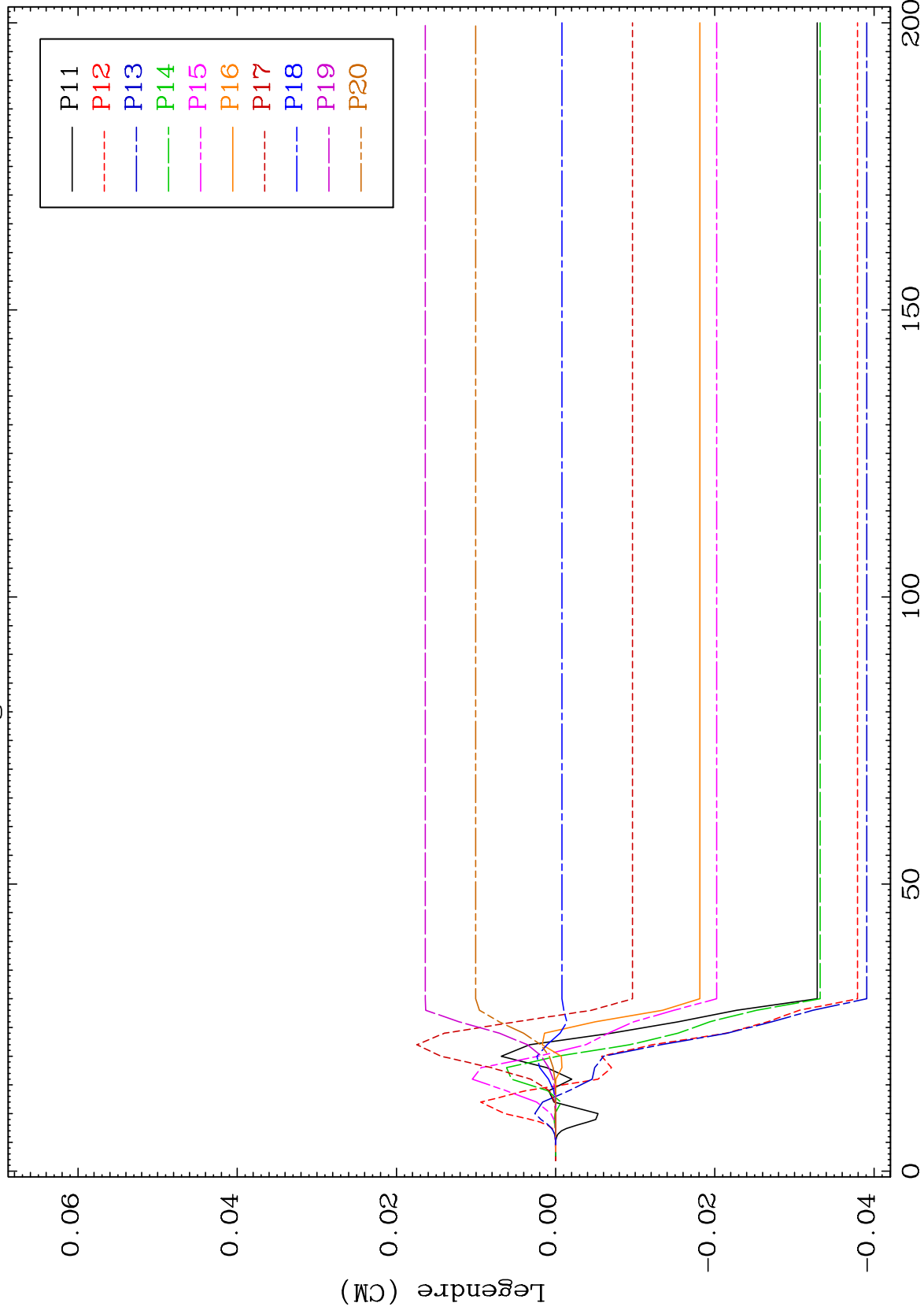
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MAT 7137

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

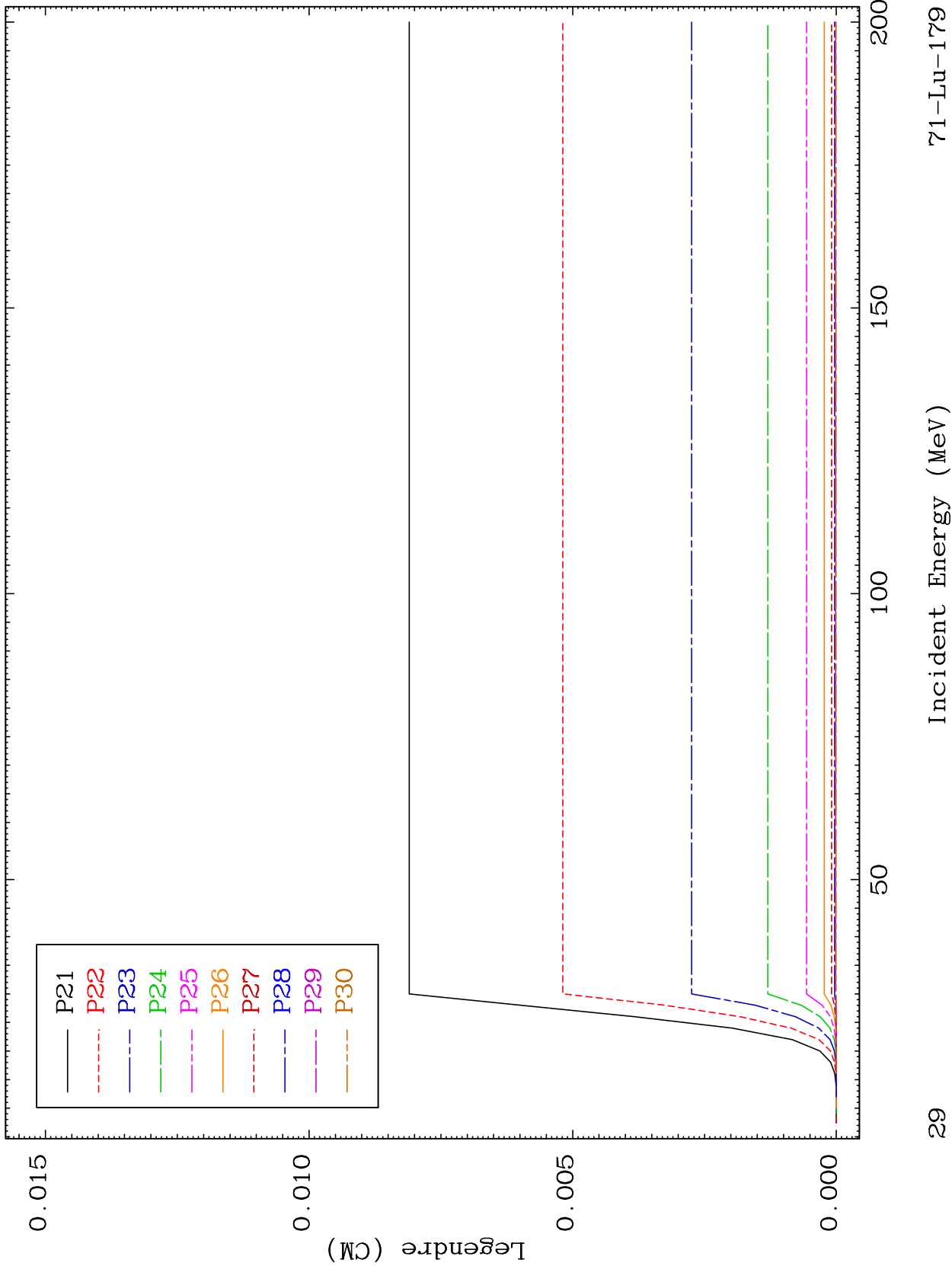
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Incident Energy (MeV)

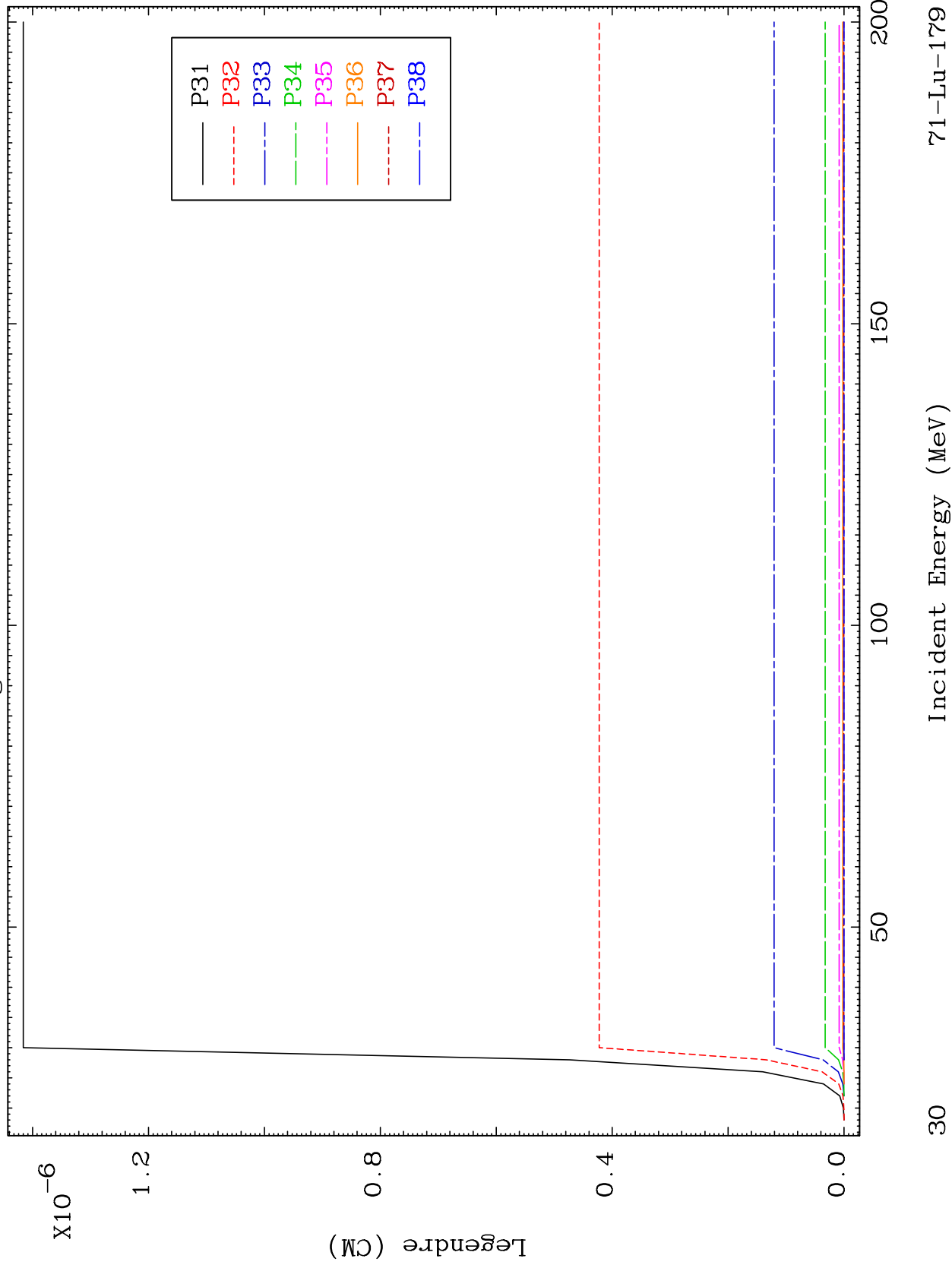
71-Lu-179



MAT 7137

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

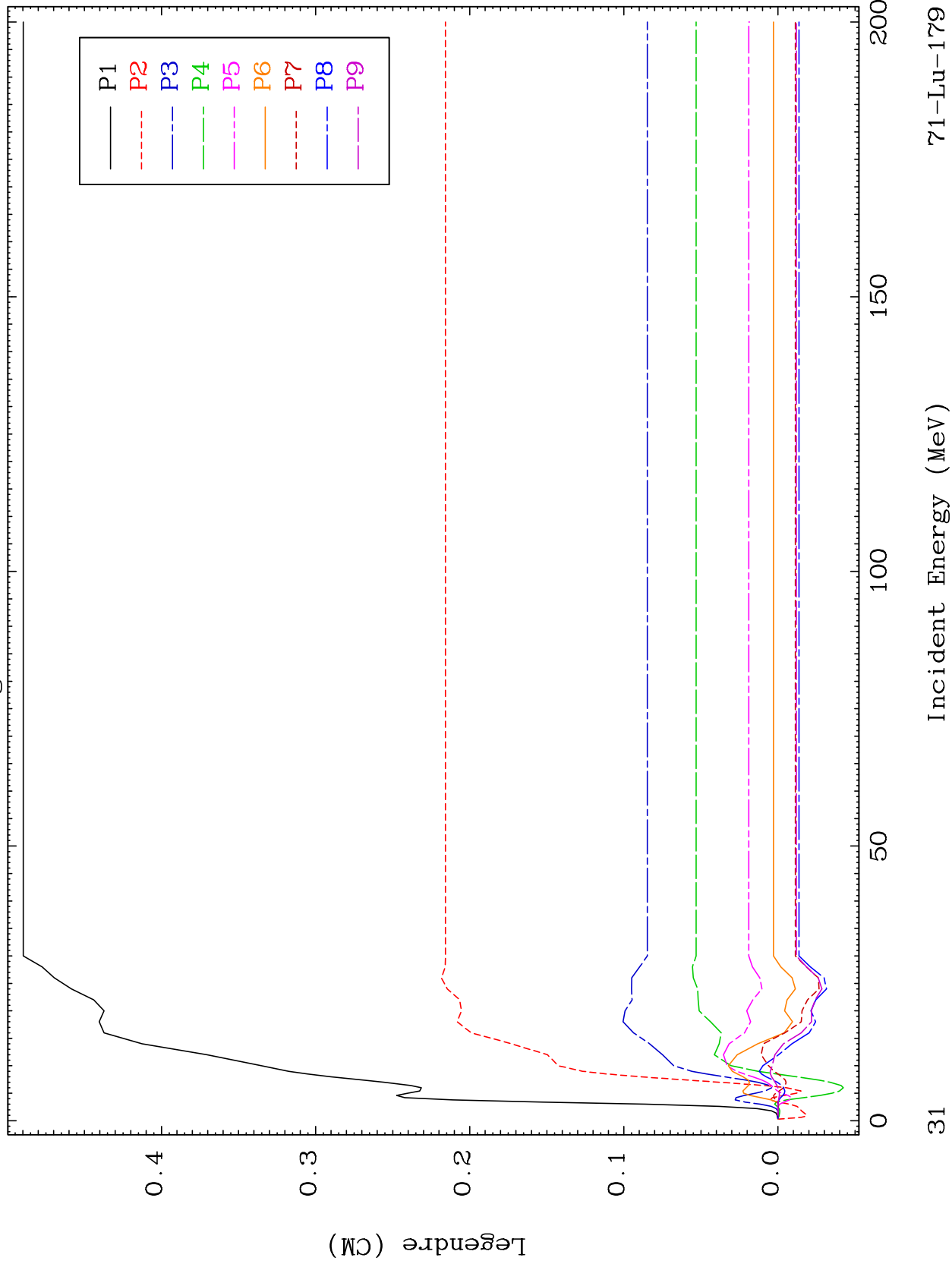
71-Lu-179



MAT 7137

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

71-Lu-179



71-Lu-179

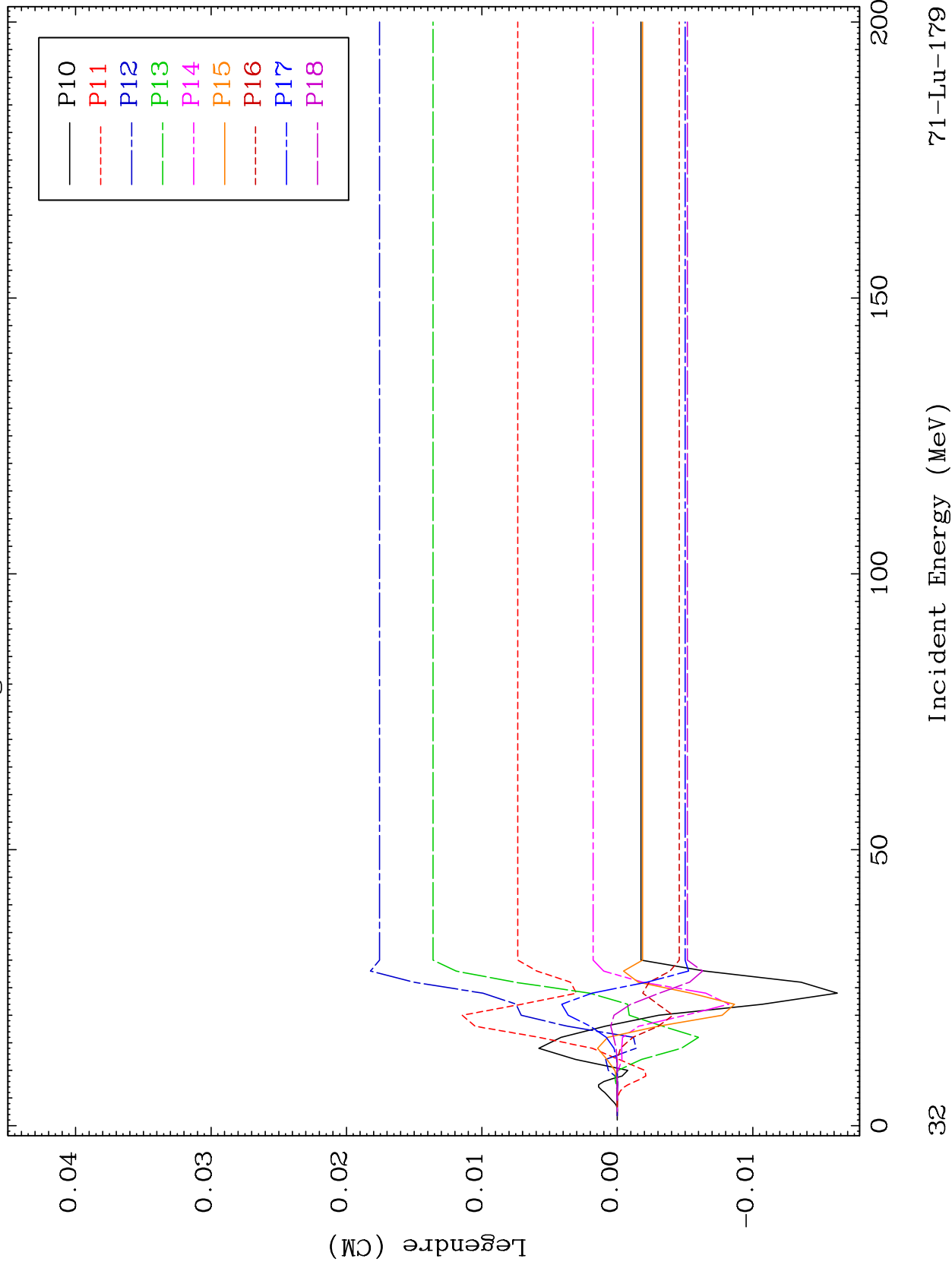
Incident Energy (MeV)

31

MAT 7137

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

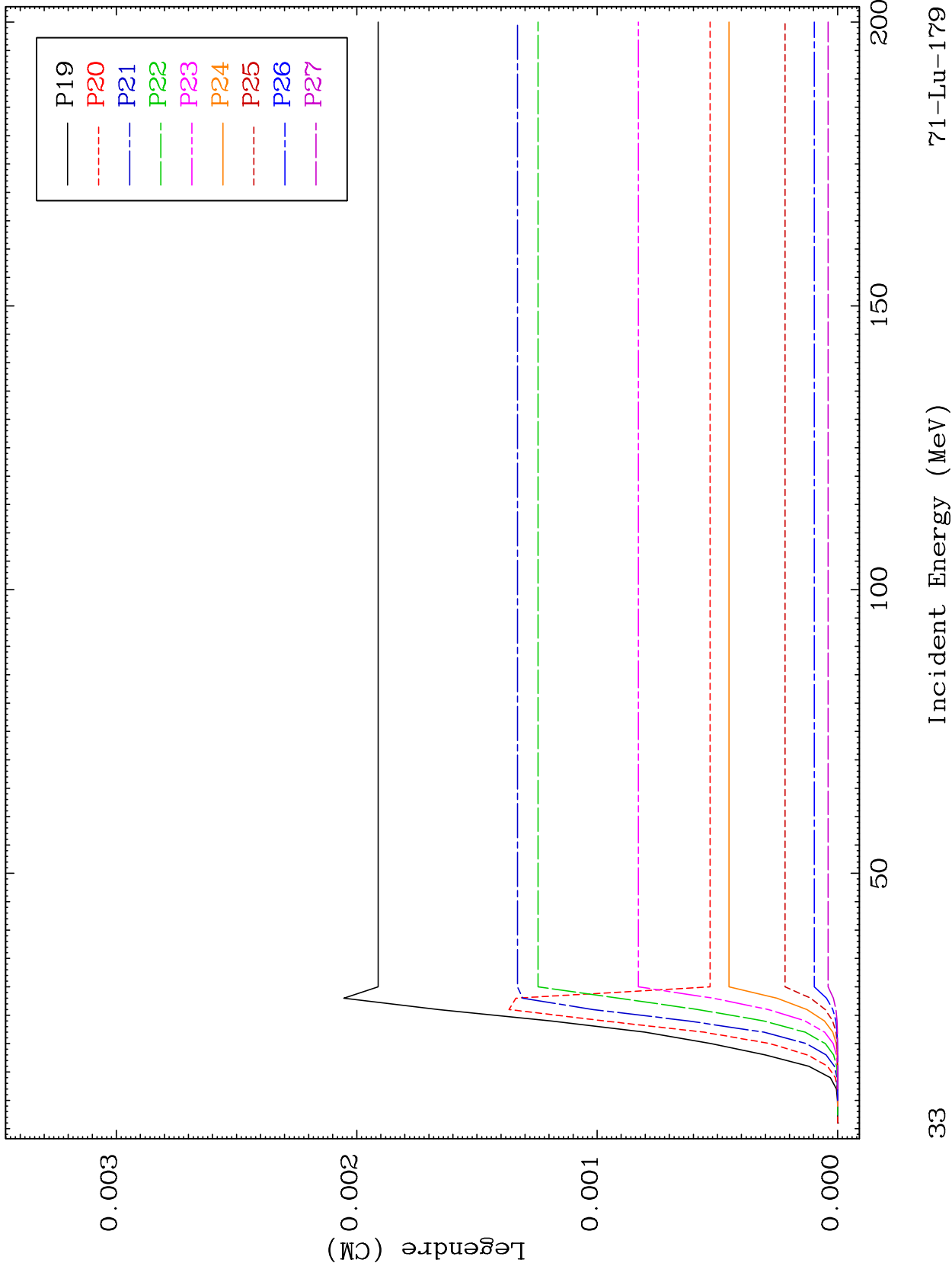
71-Lu-179



32

Incident Energy (MeV)

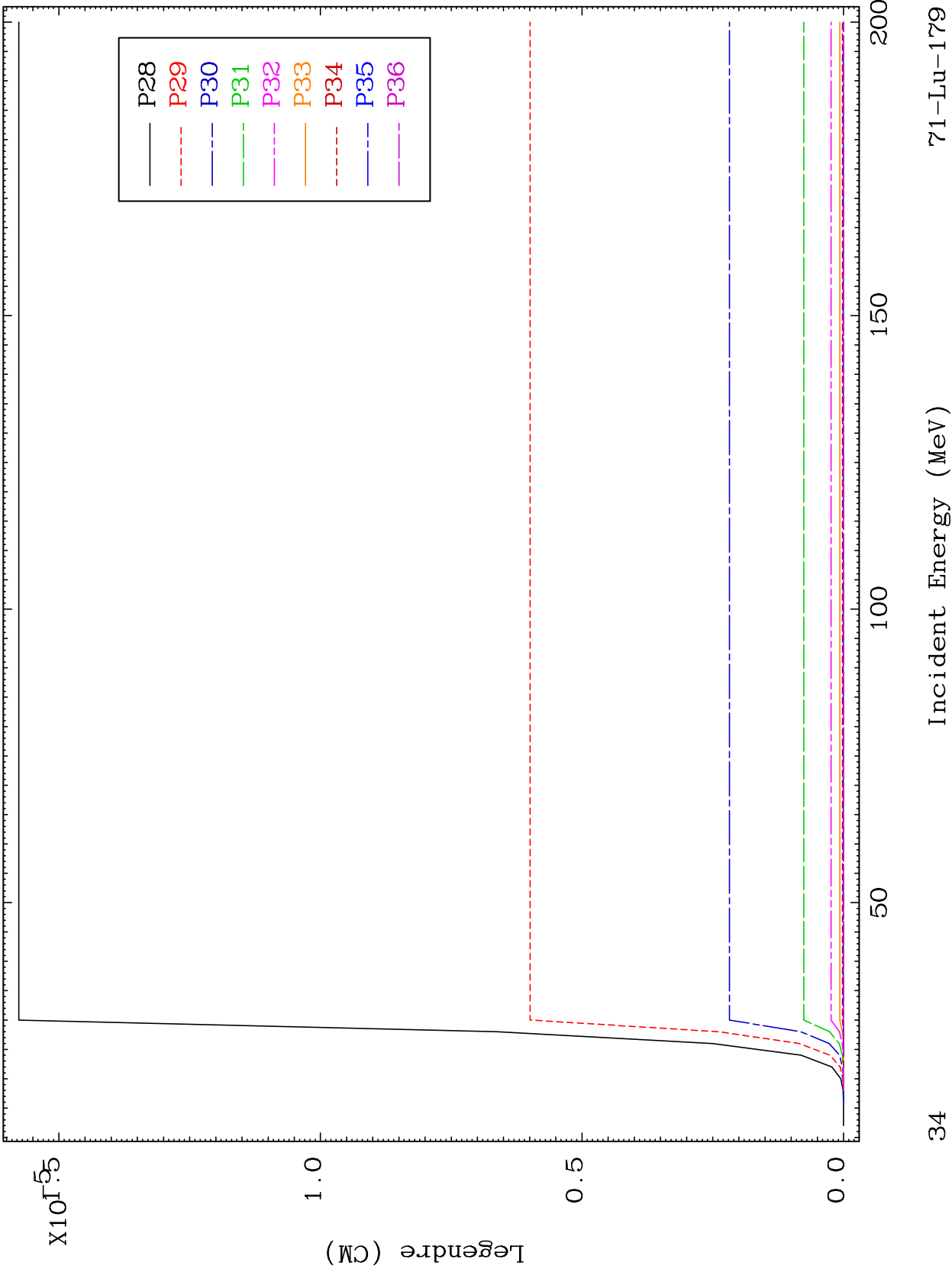
71-Lu-179



MAT 7137

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

71-Lu-179

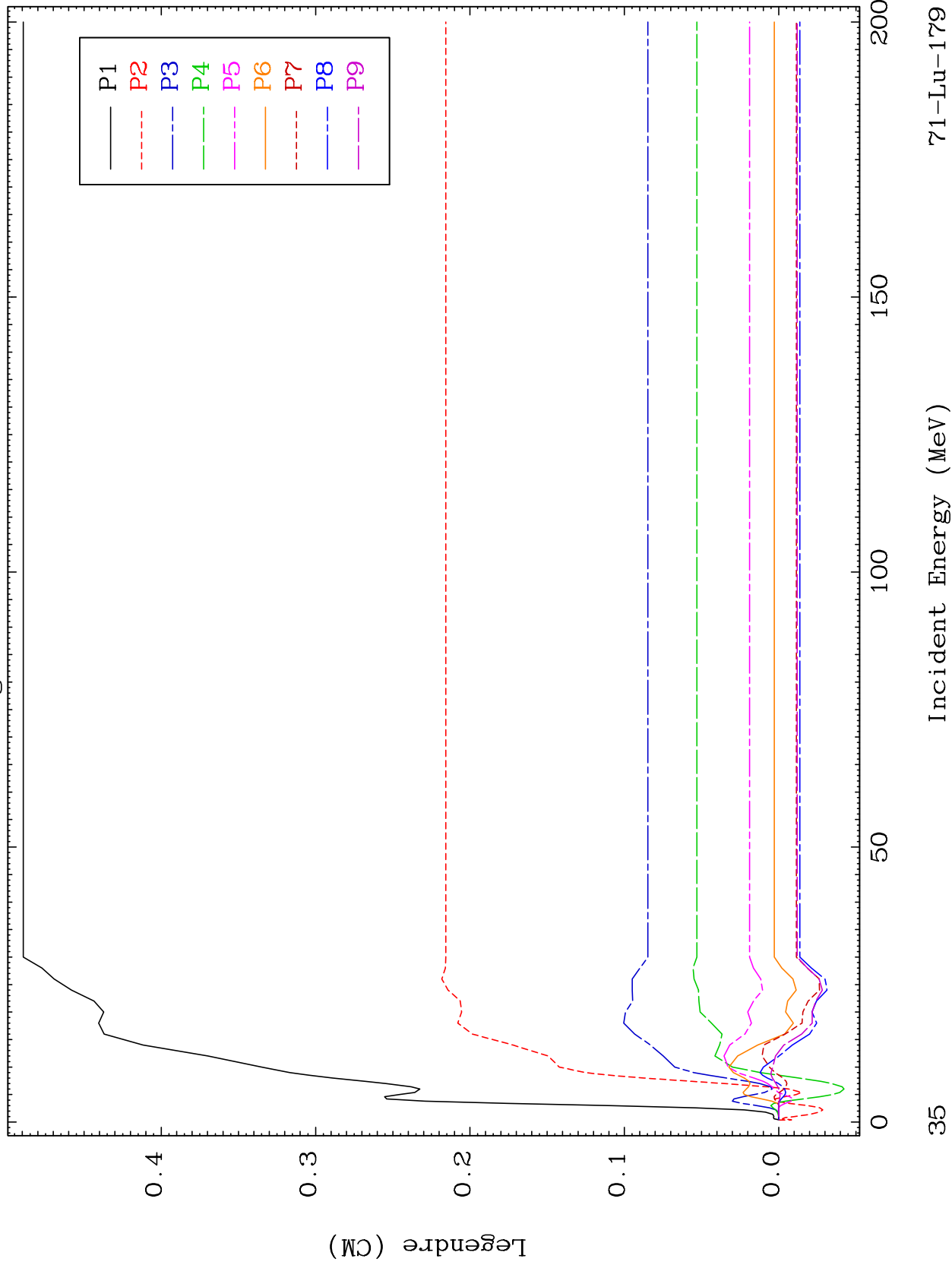


34

MAT 7137

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

71-Lu-179



71-Lu-179

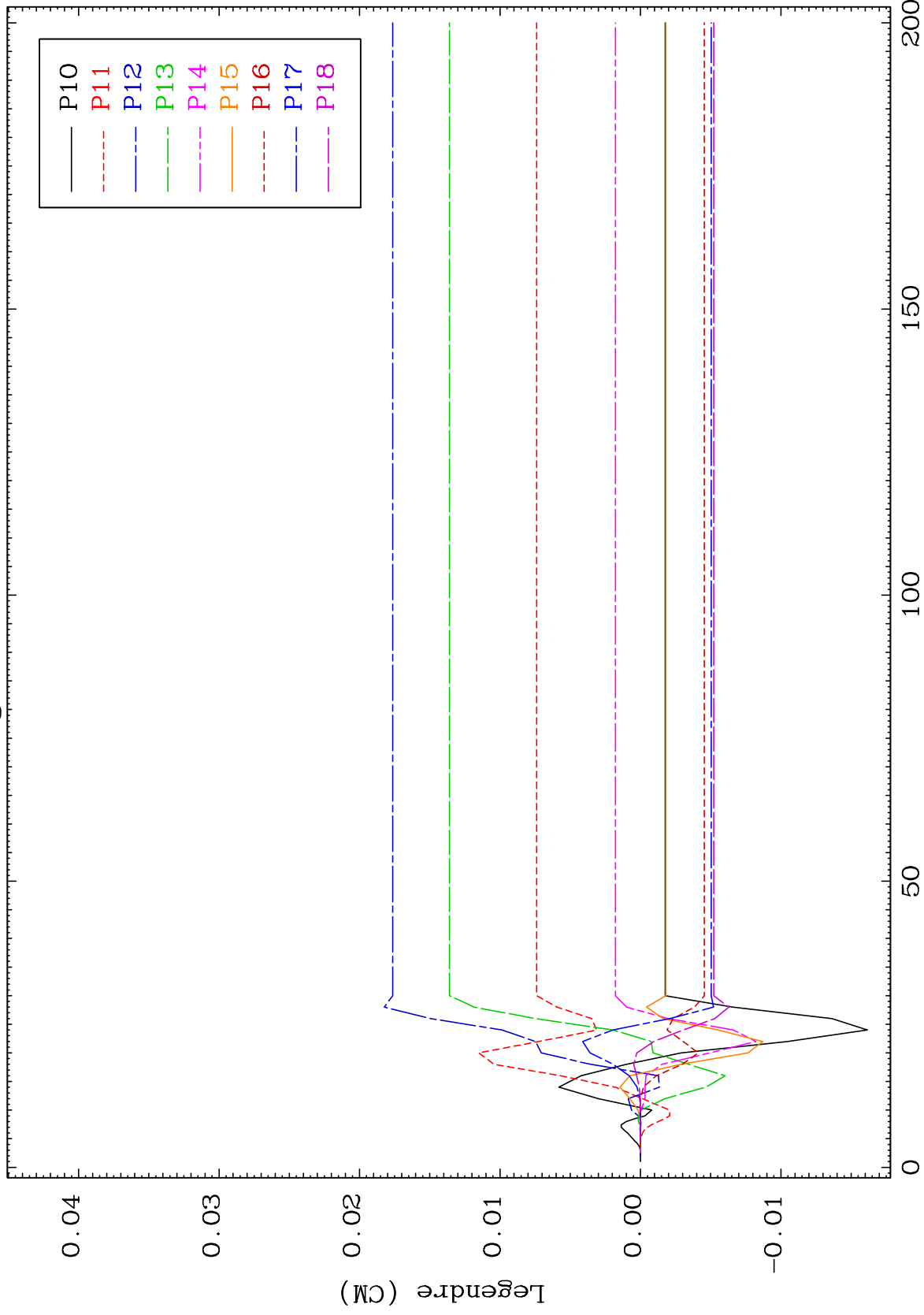
Incident Energy (MeV)

35

MAT 7137

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

71-Lu-179



36

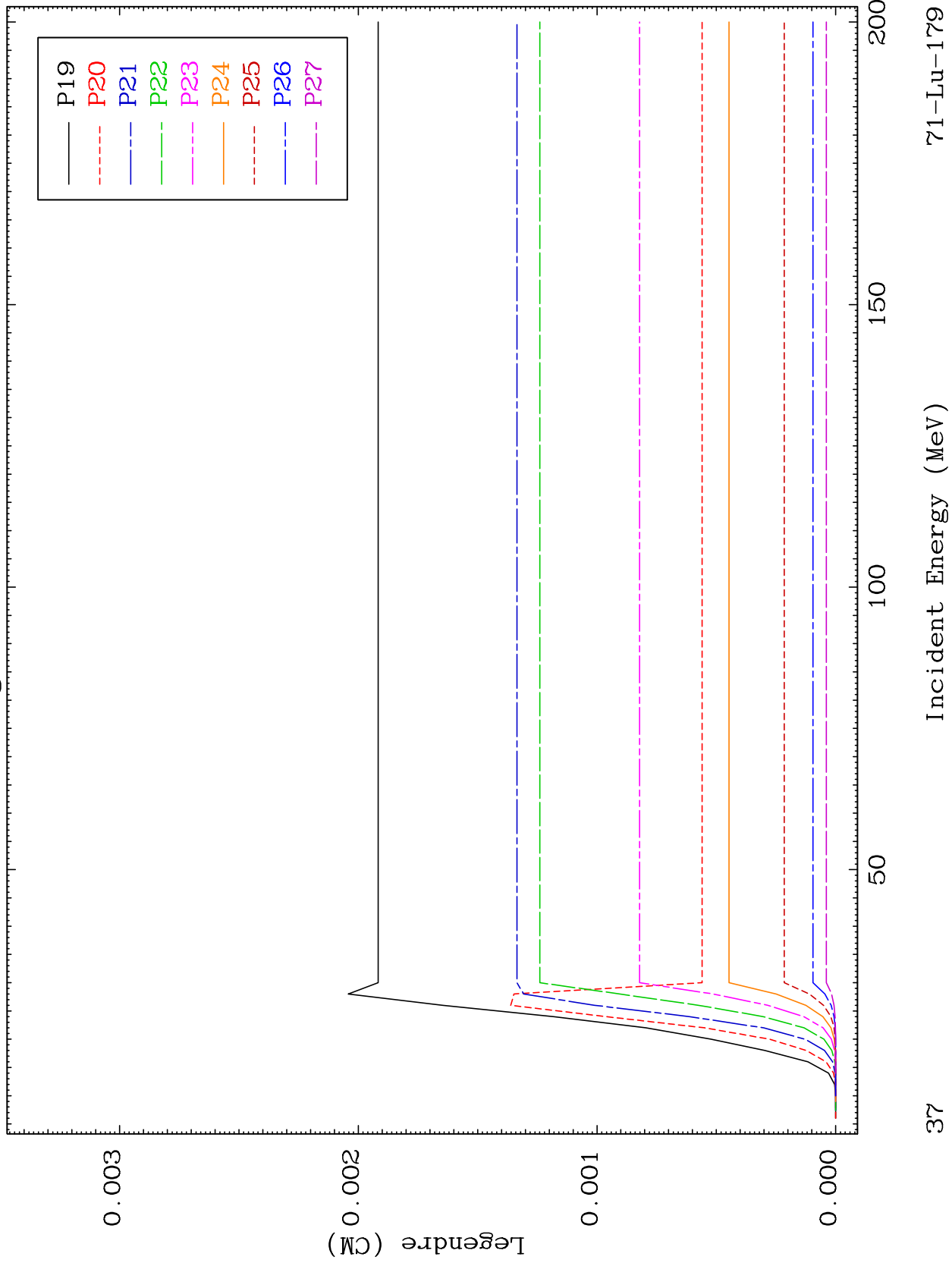
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



37

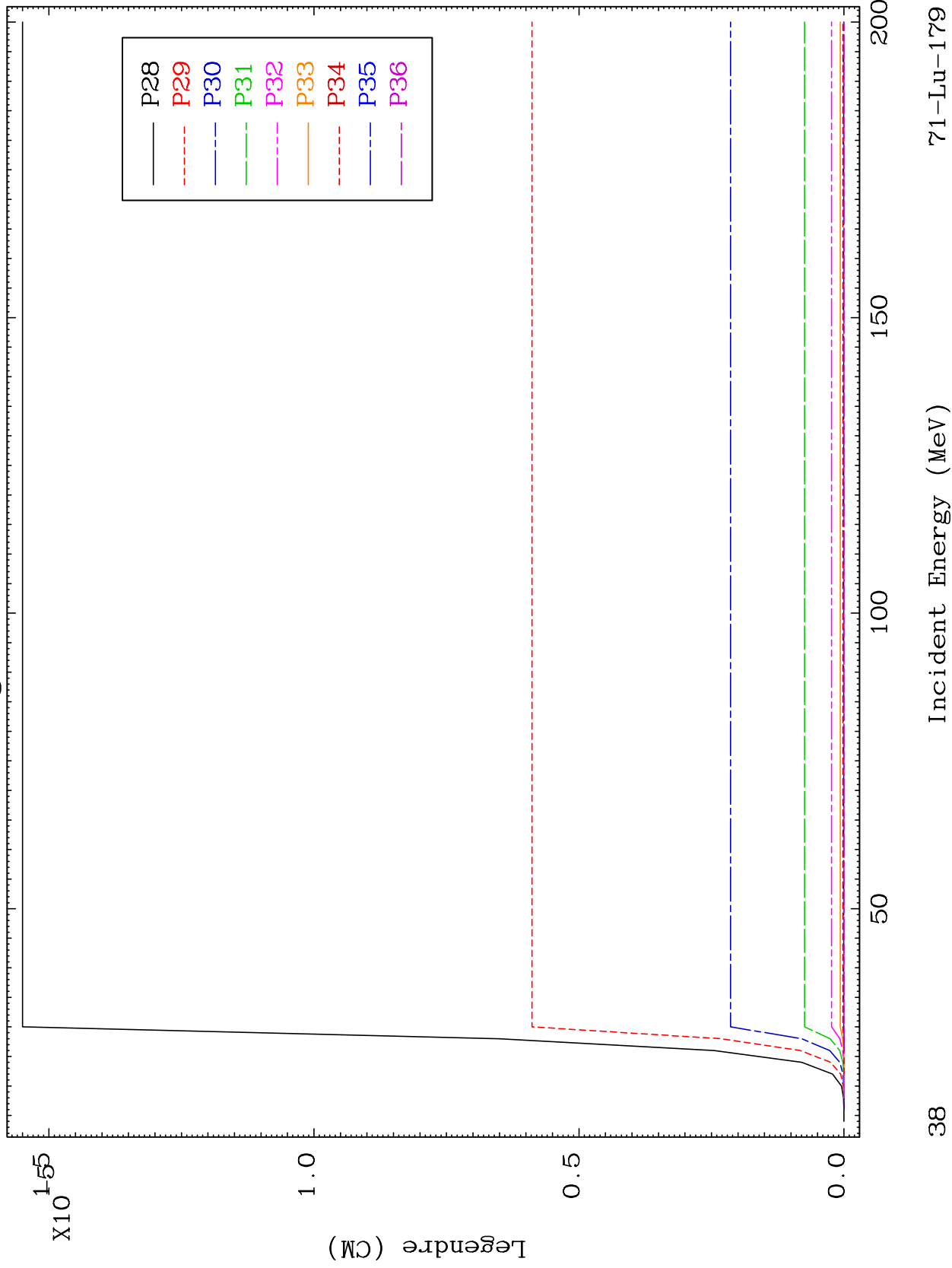
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179

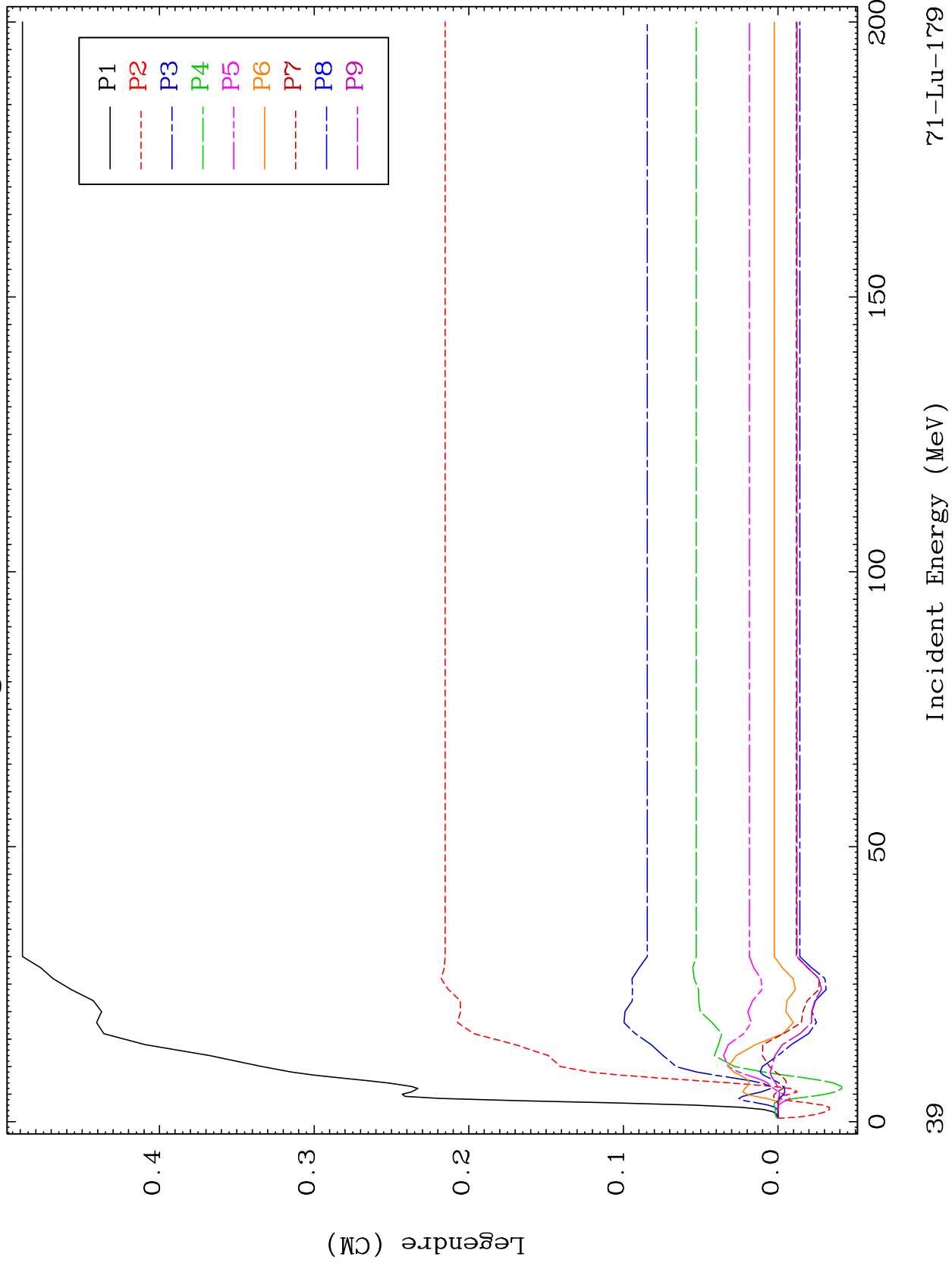


38

MAT 7137

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

71-Lu-179



71-Lu-179

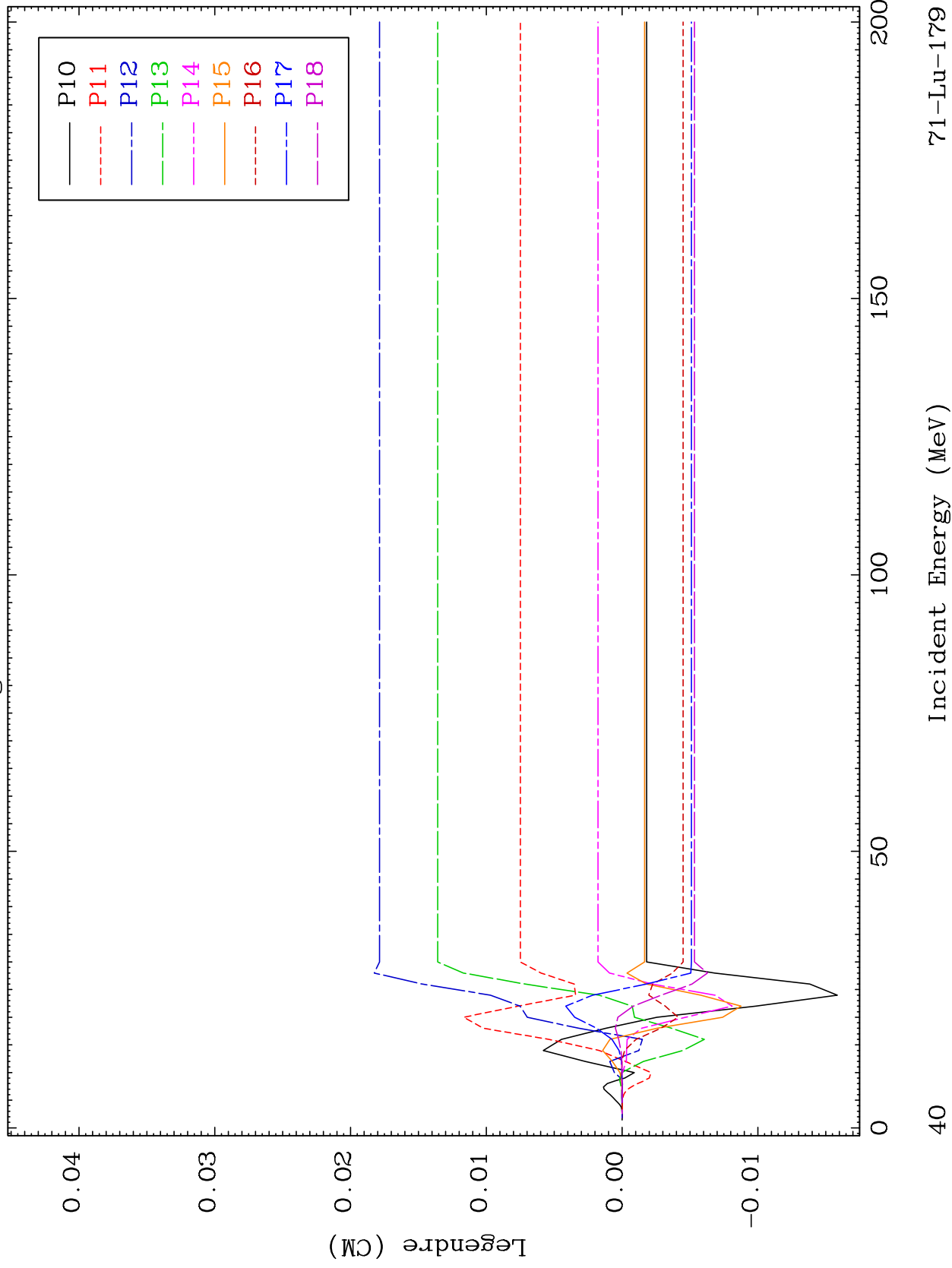
Incident Energy (MeV)

39

MAT 7137

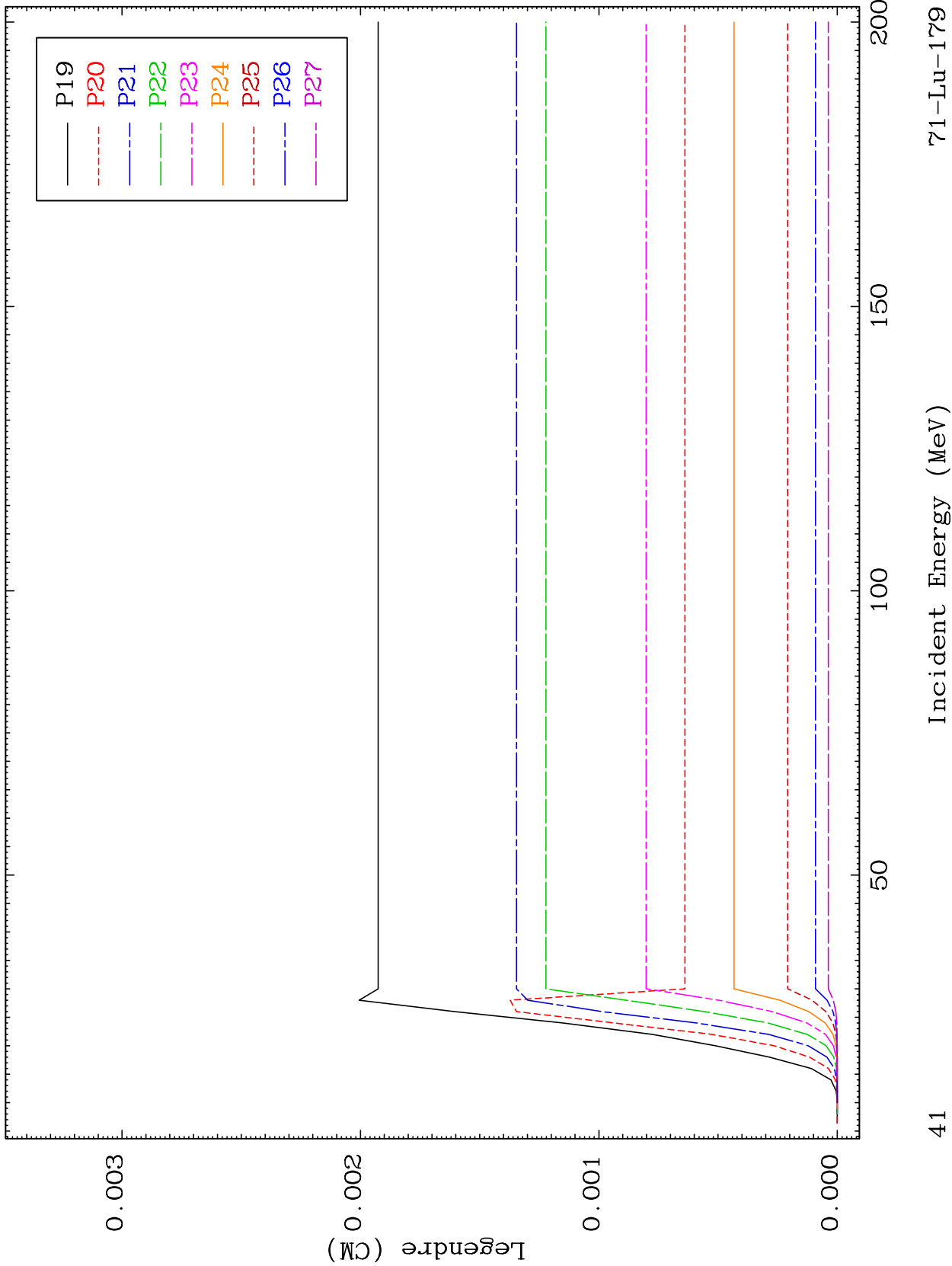
MT= 56 (n,n') Level
Legendre Coefficients

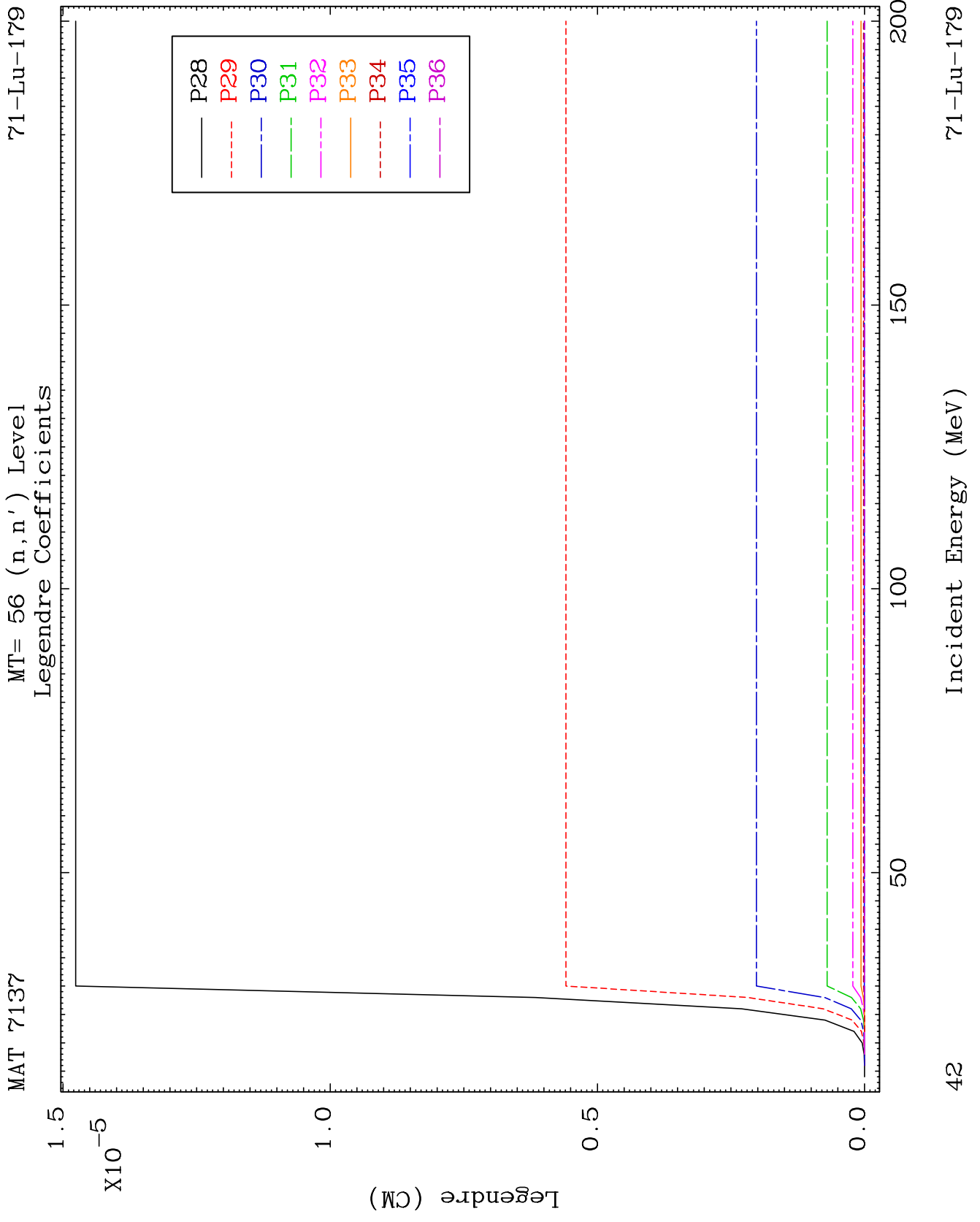
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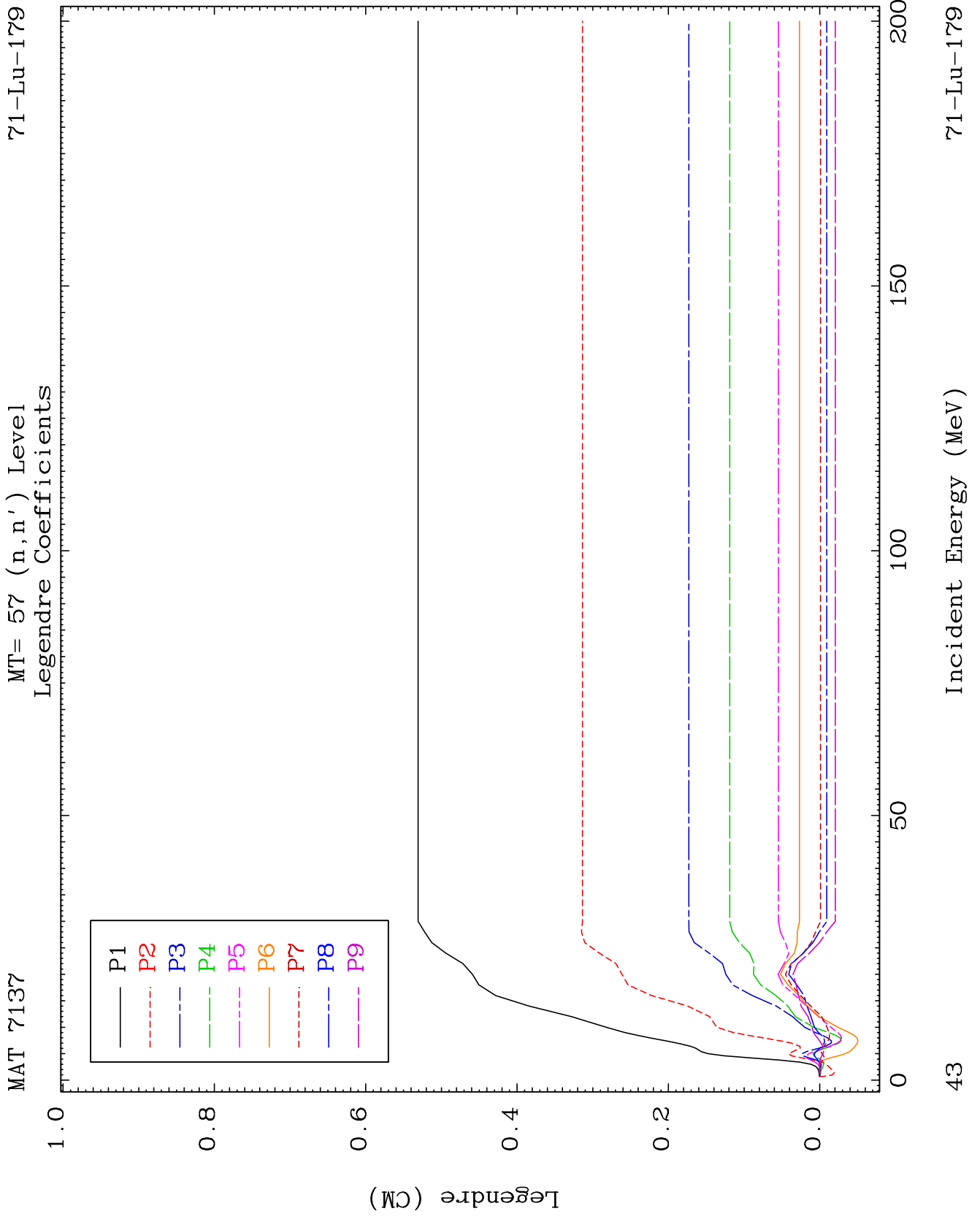


71-Lu-179

Incident Energy (MeV)



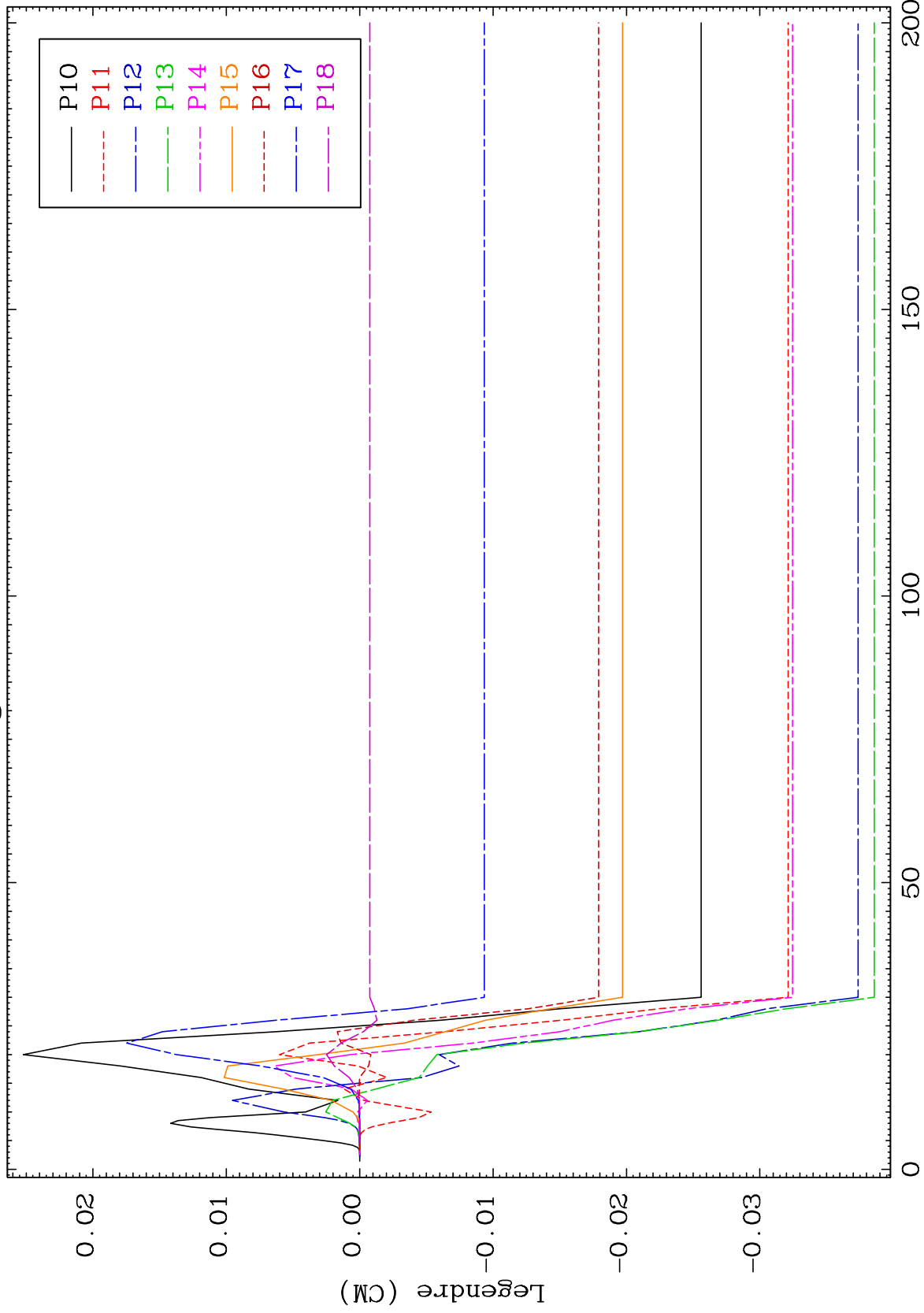




MAT 7137

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

71-Lu-179



44

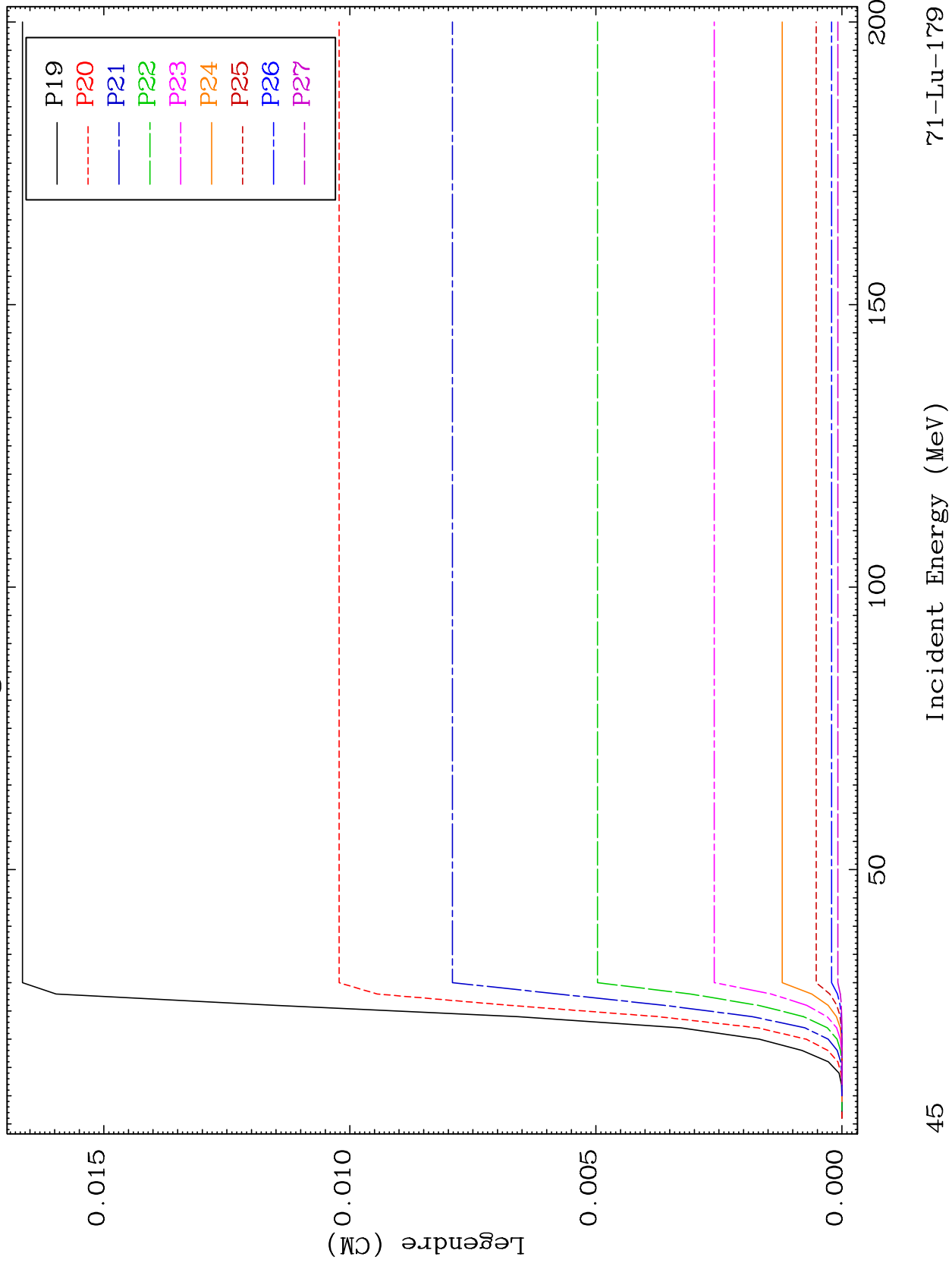
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

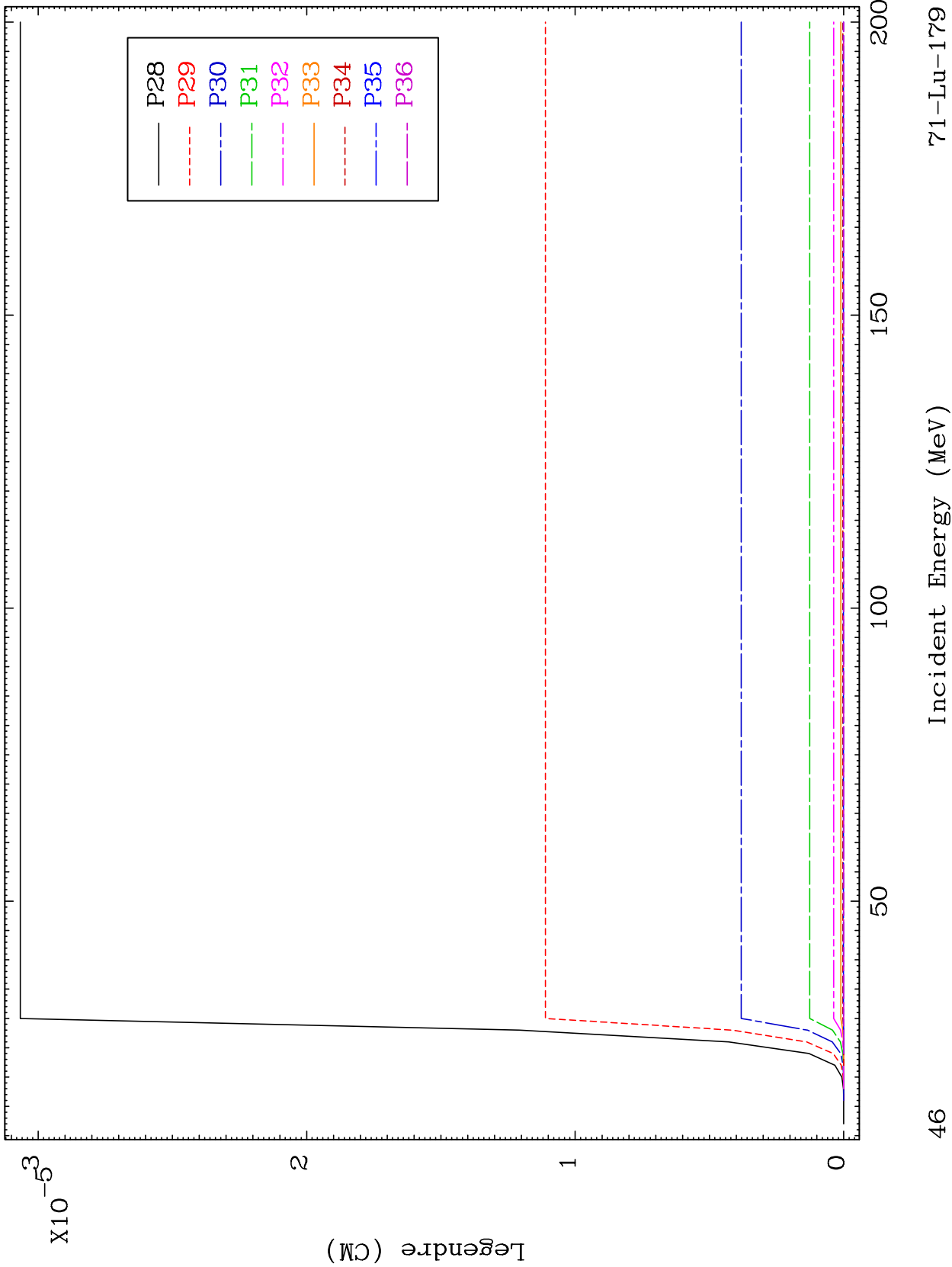
Incident Energy (MeV)

45

MAT 7137

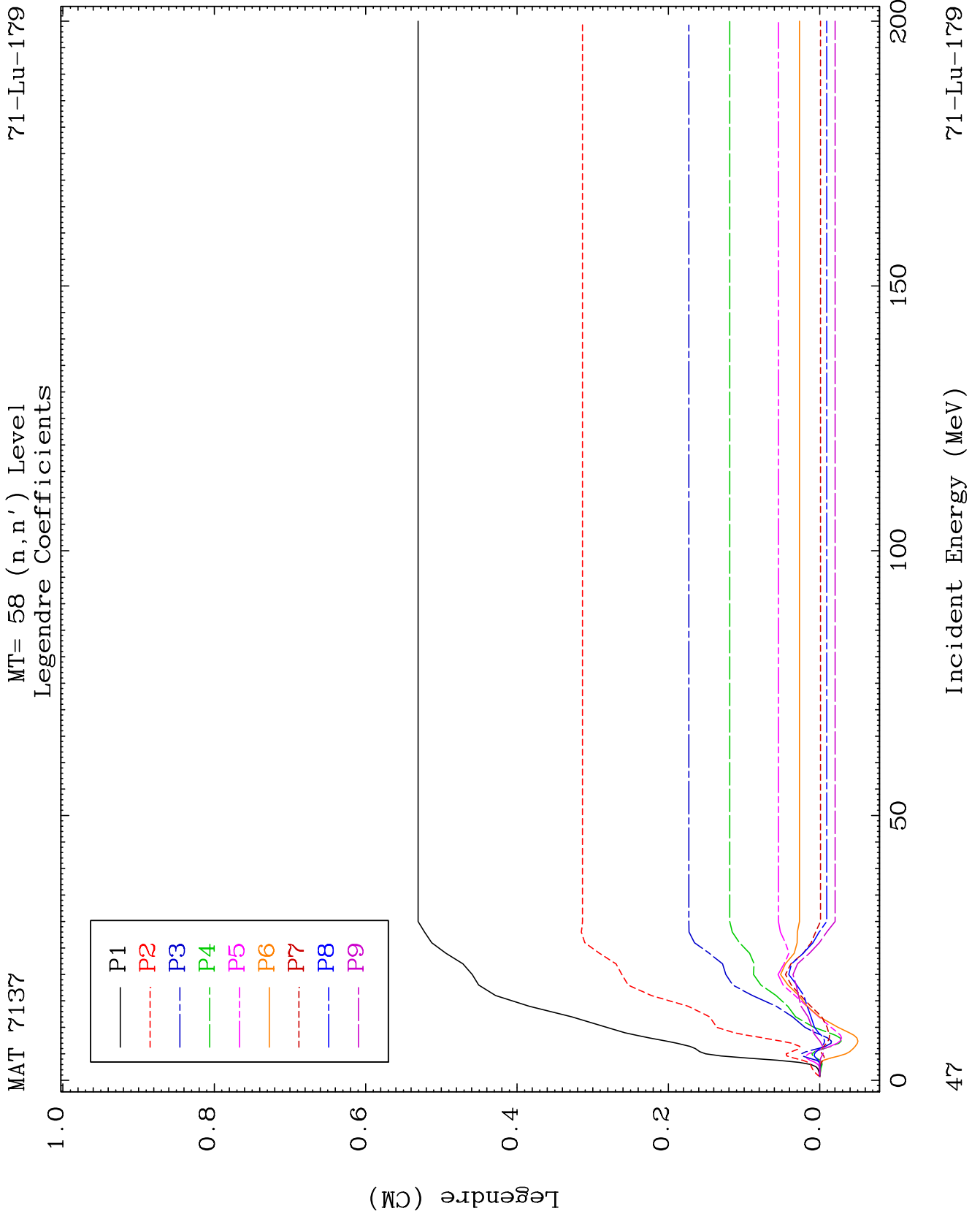
MT= 57 (n,n') Level
Legendre Coefficients

71-Lu-179



46

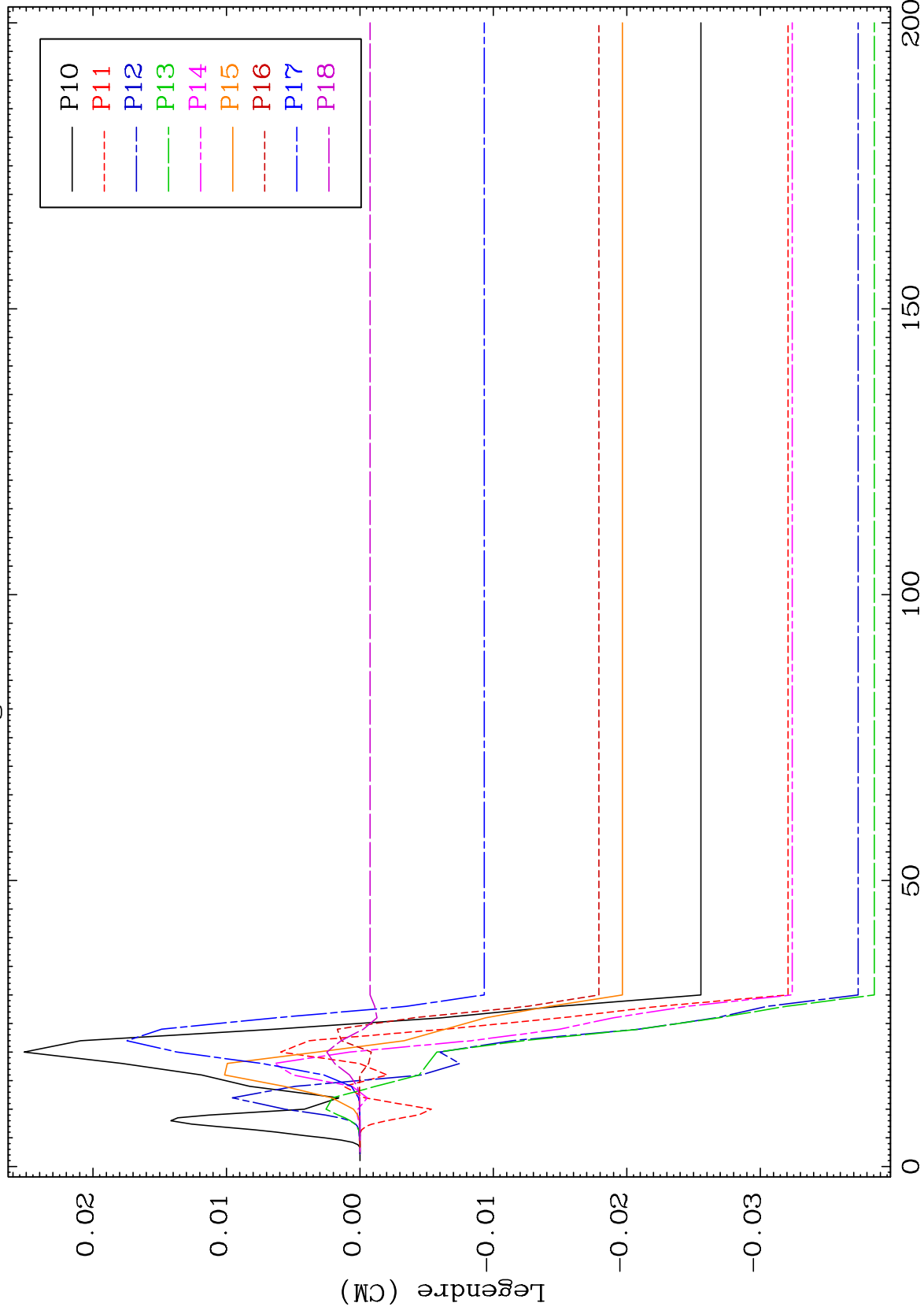
71-Lu-179



MAT 7137

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

71-Lu-179



48

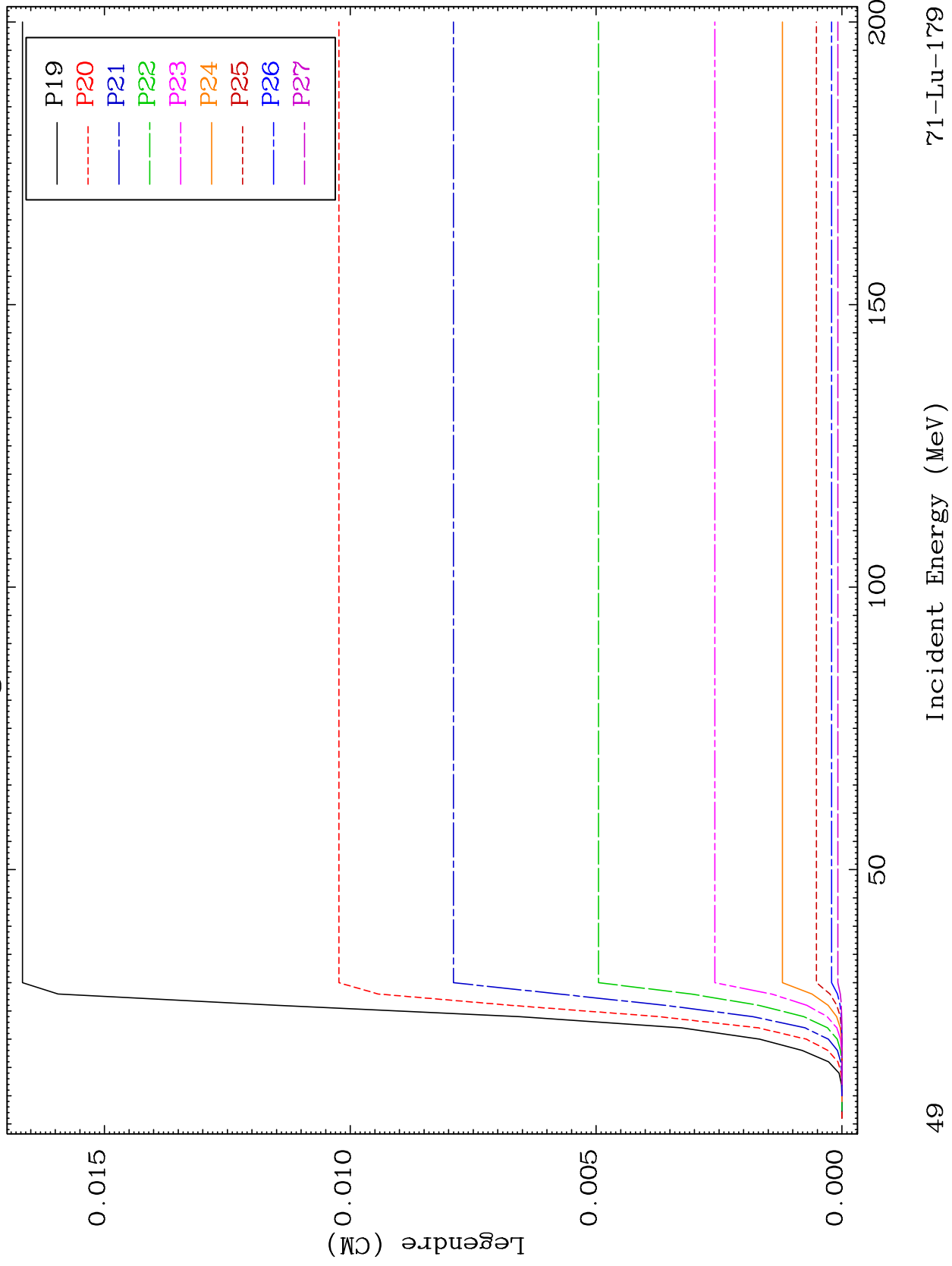
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



49

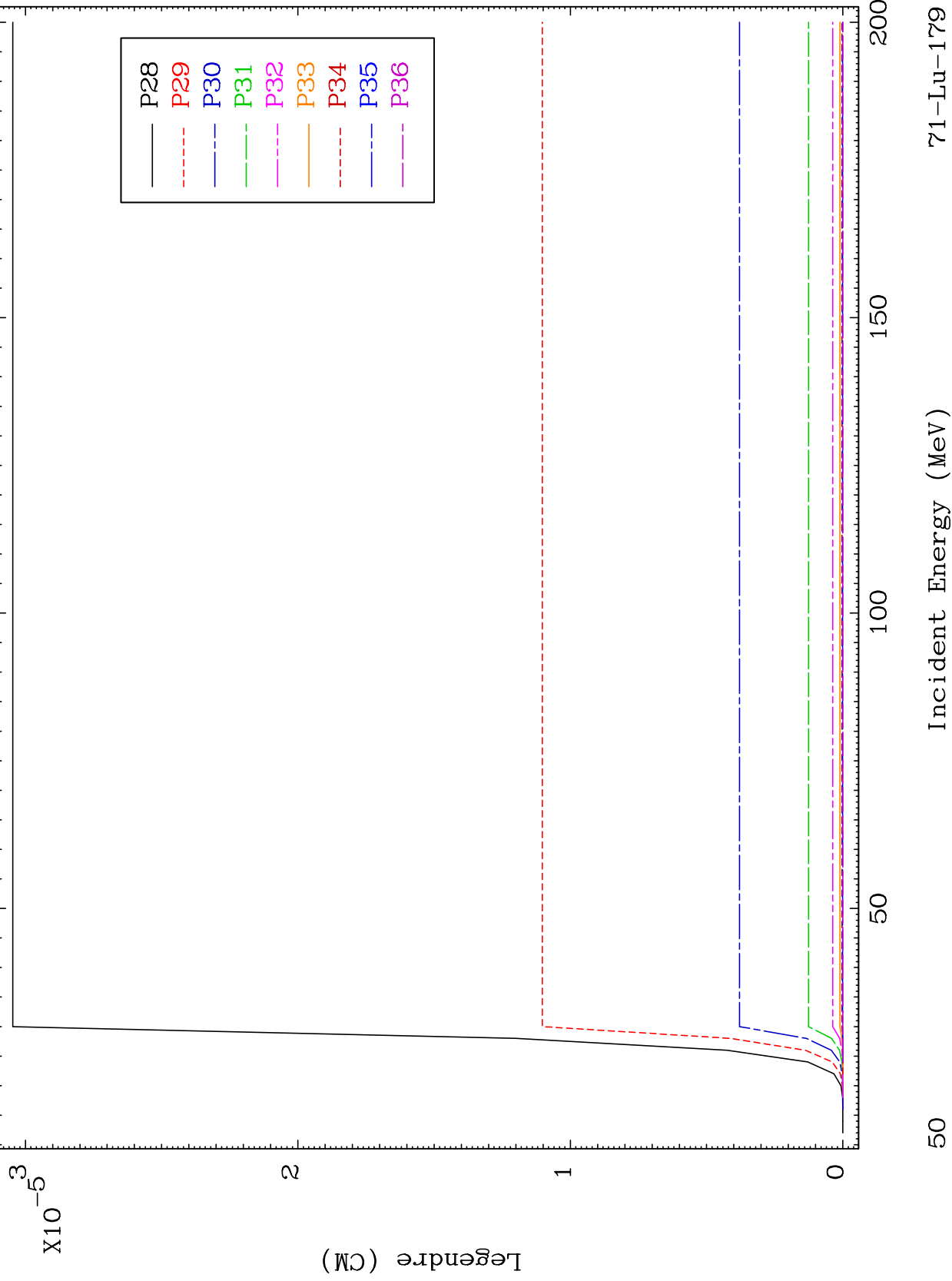
Incident Energy (MeV)

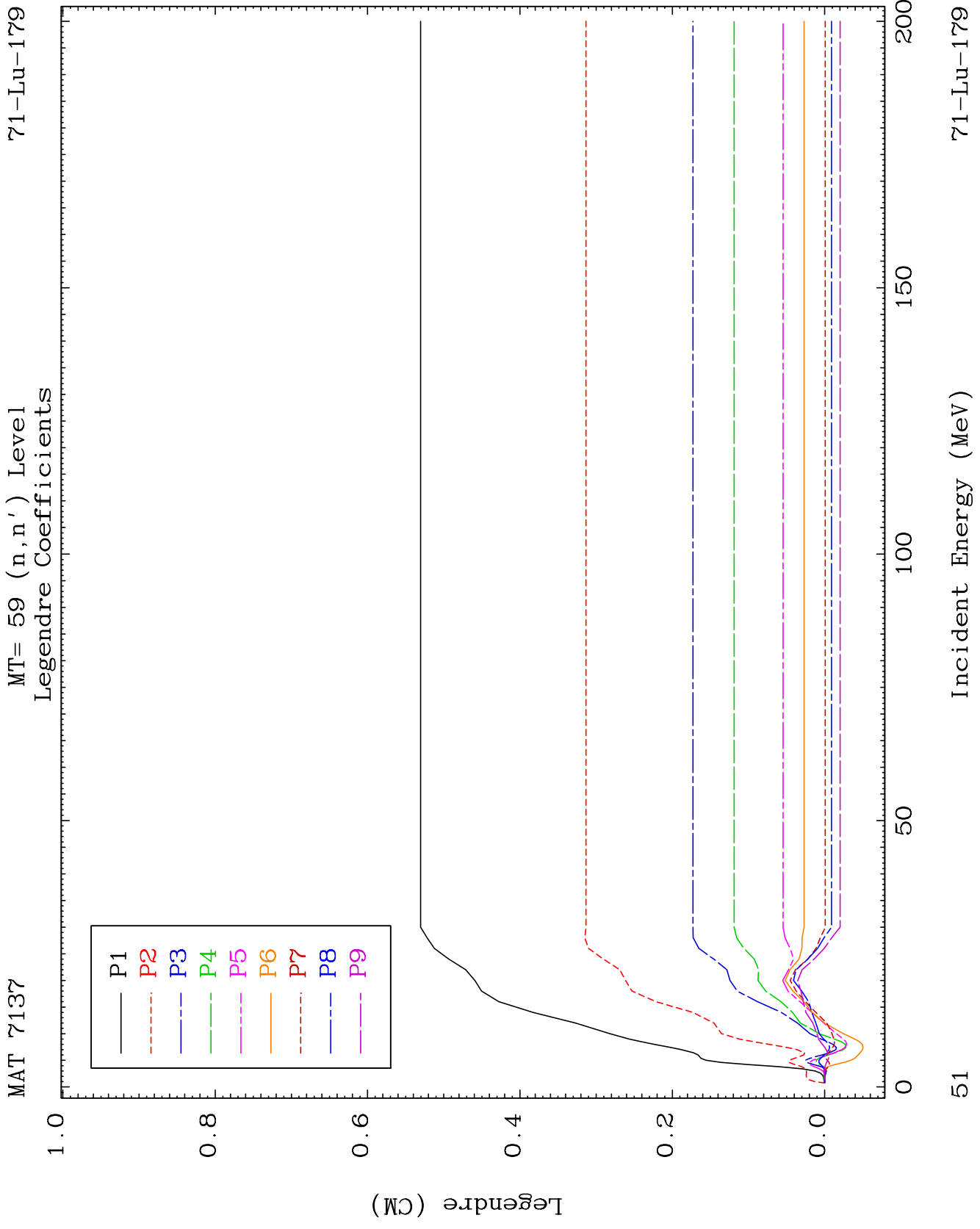
71-Lu-179

MAT 7137

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

71-Lu-179

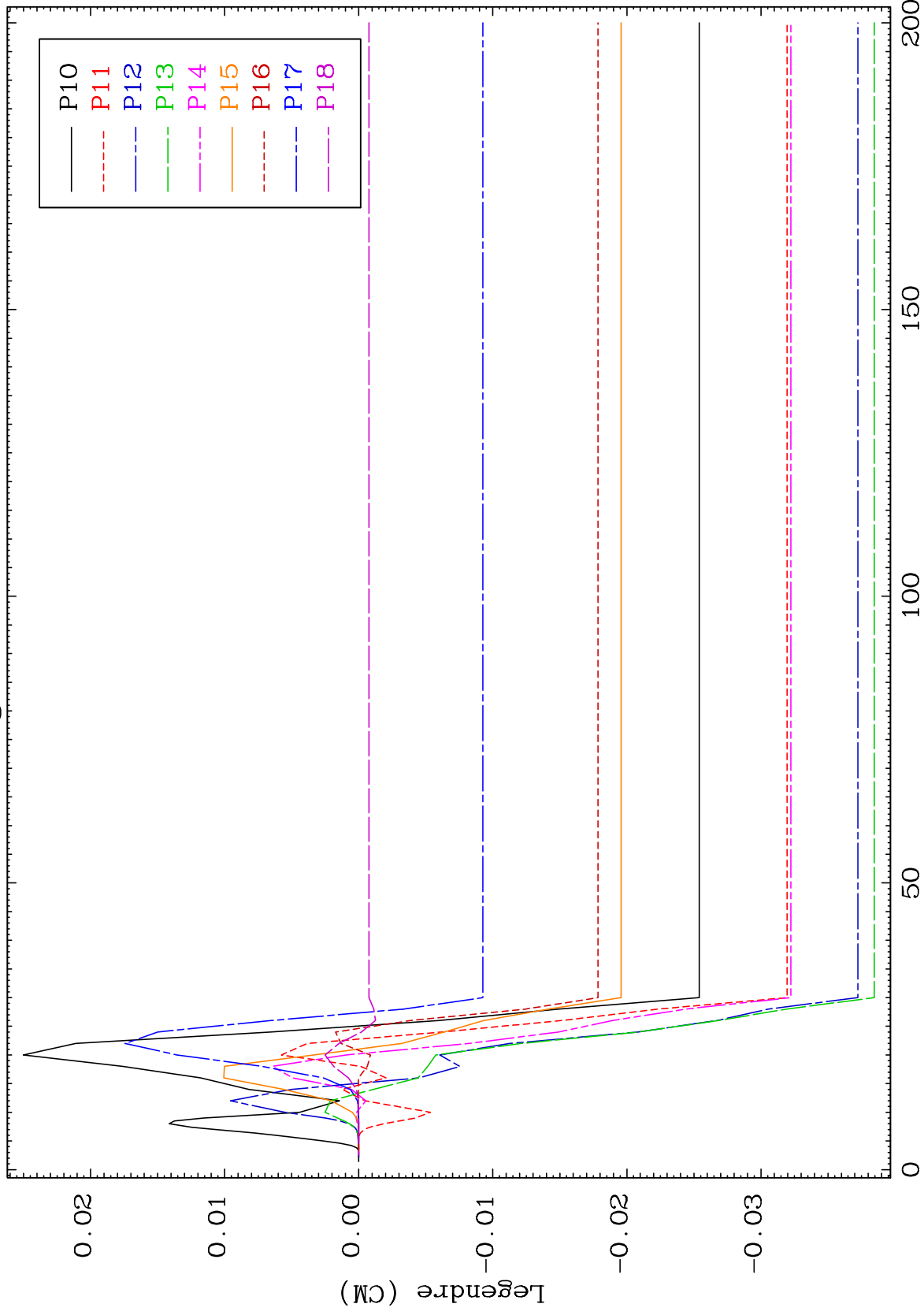




MAT 7137

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

71-Lu-179



52

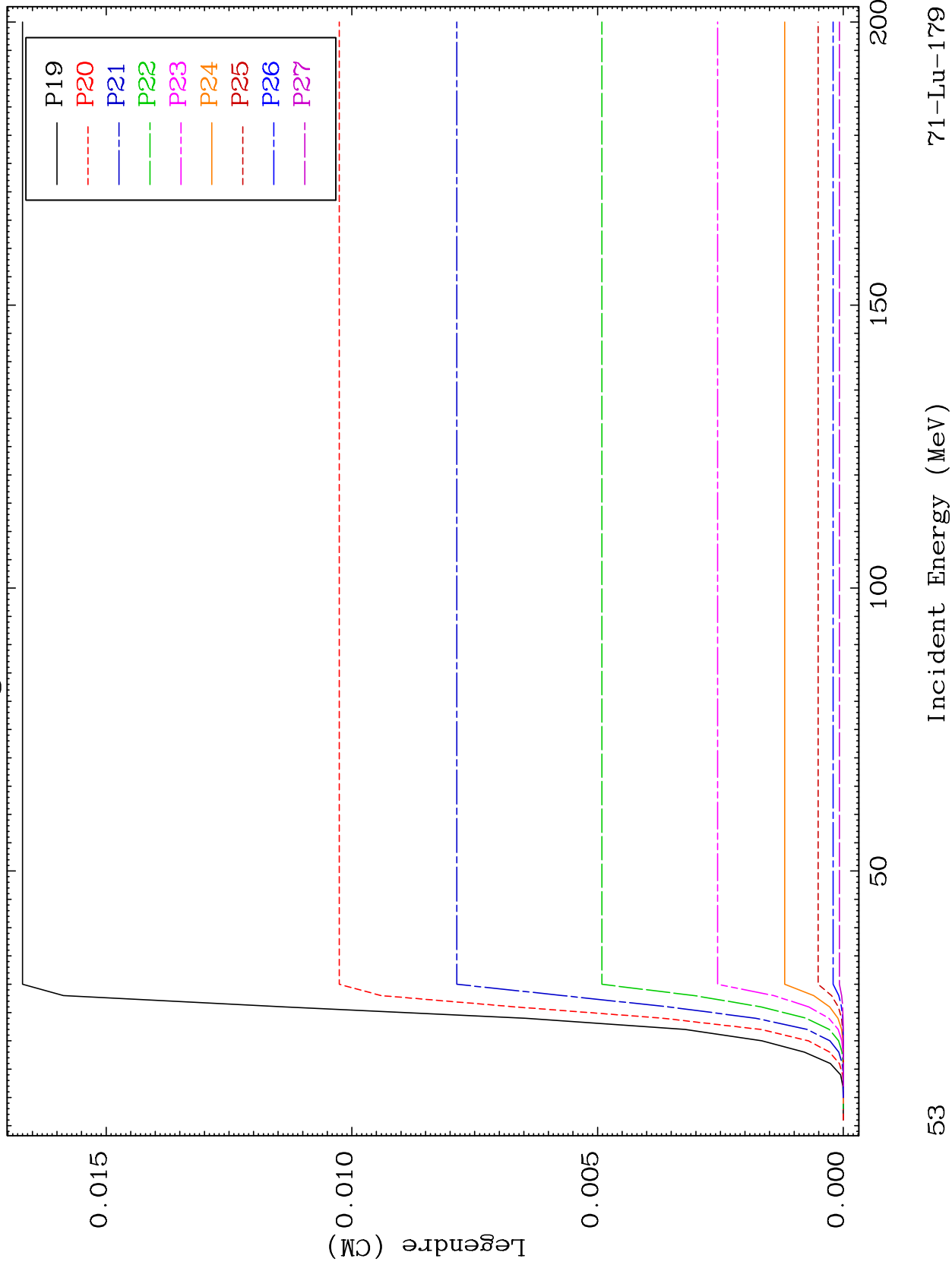
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



53

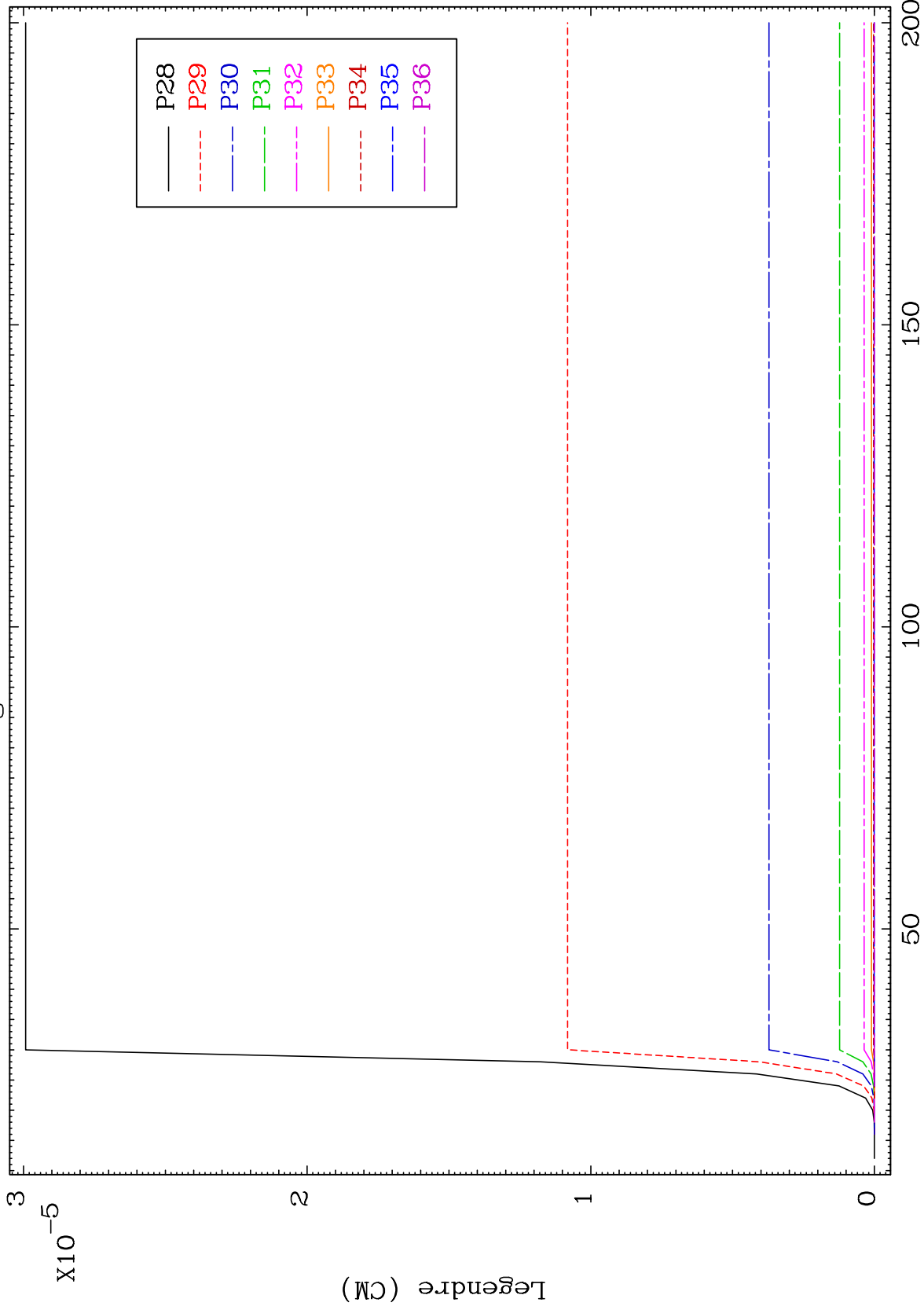
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



54

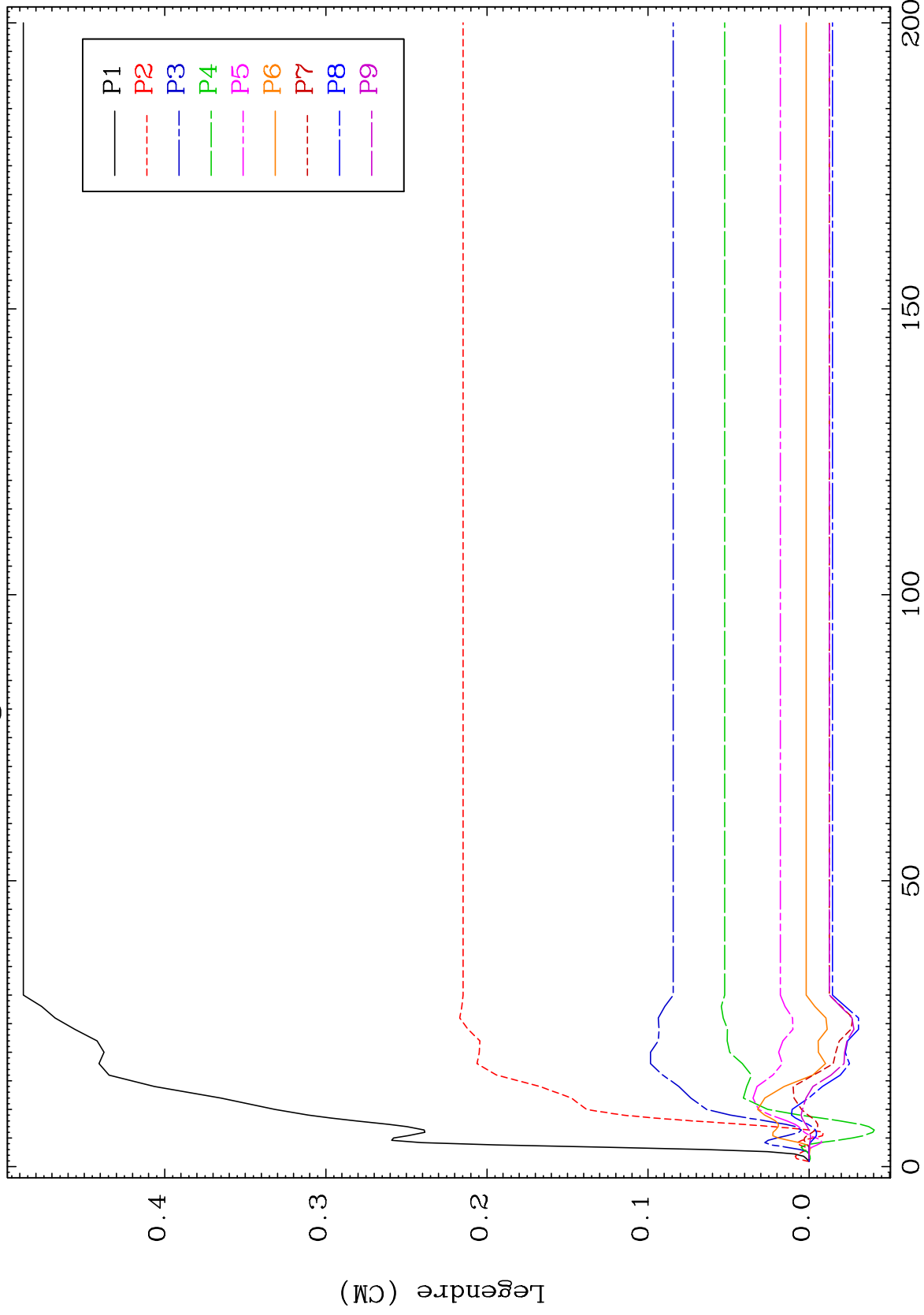
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



55

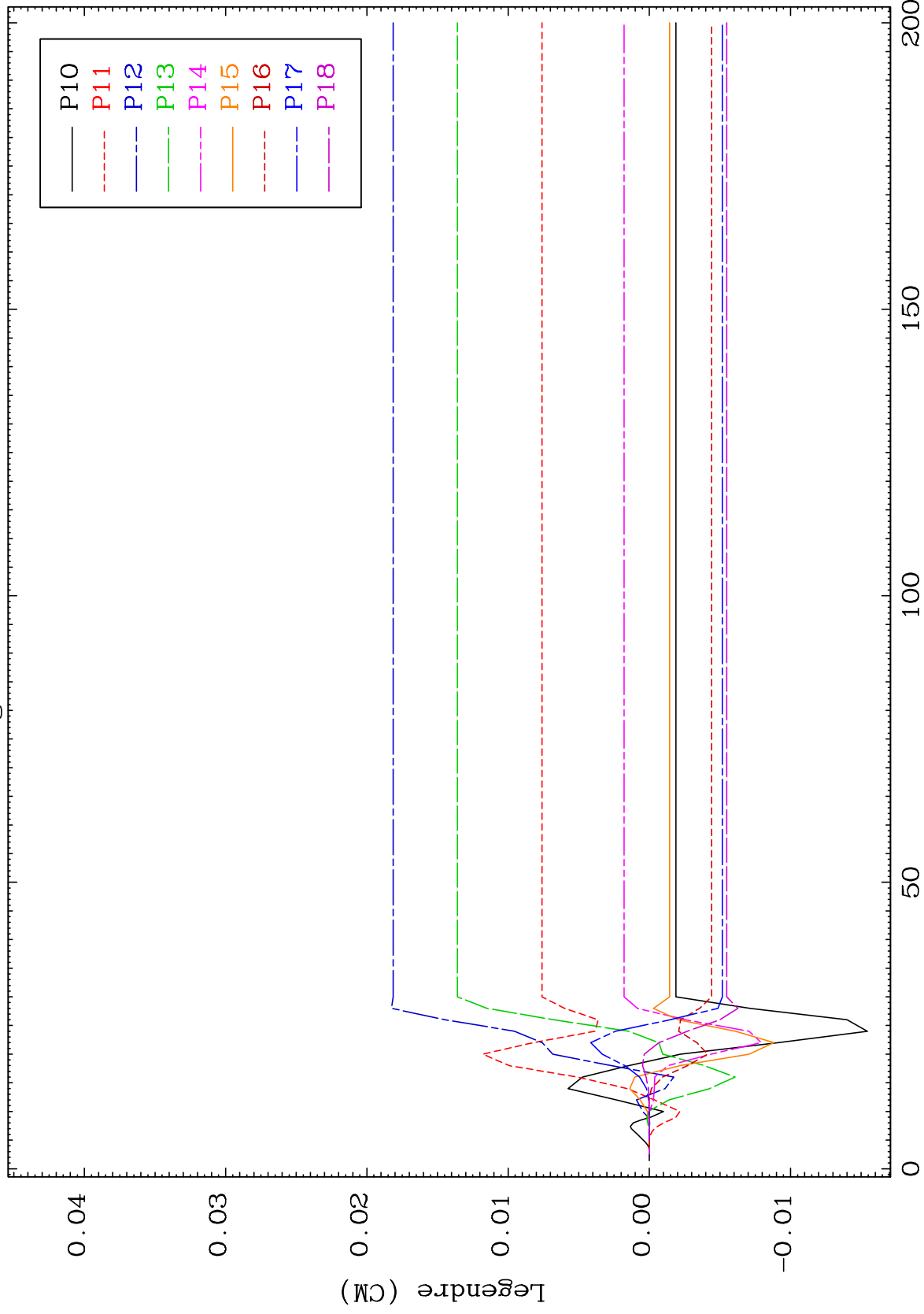
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



56

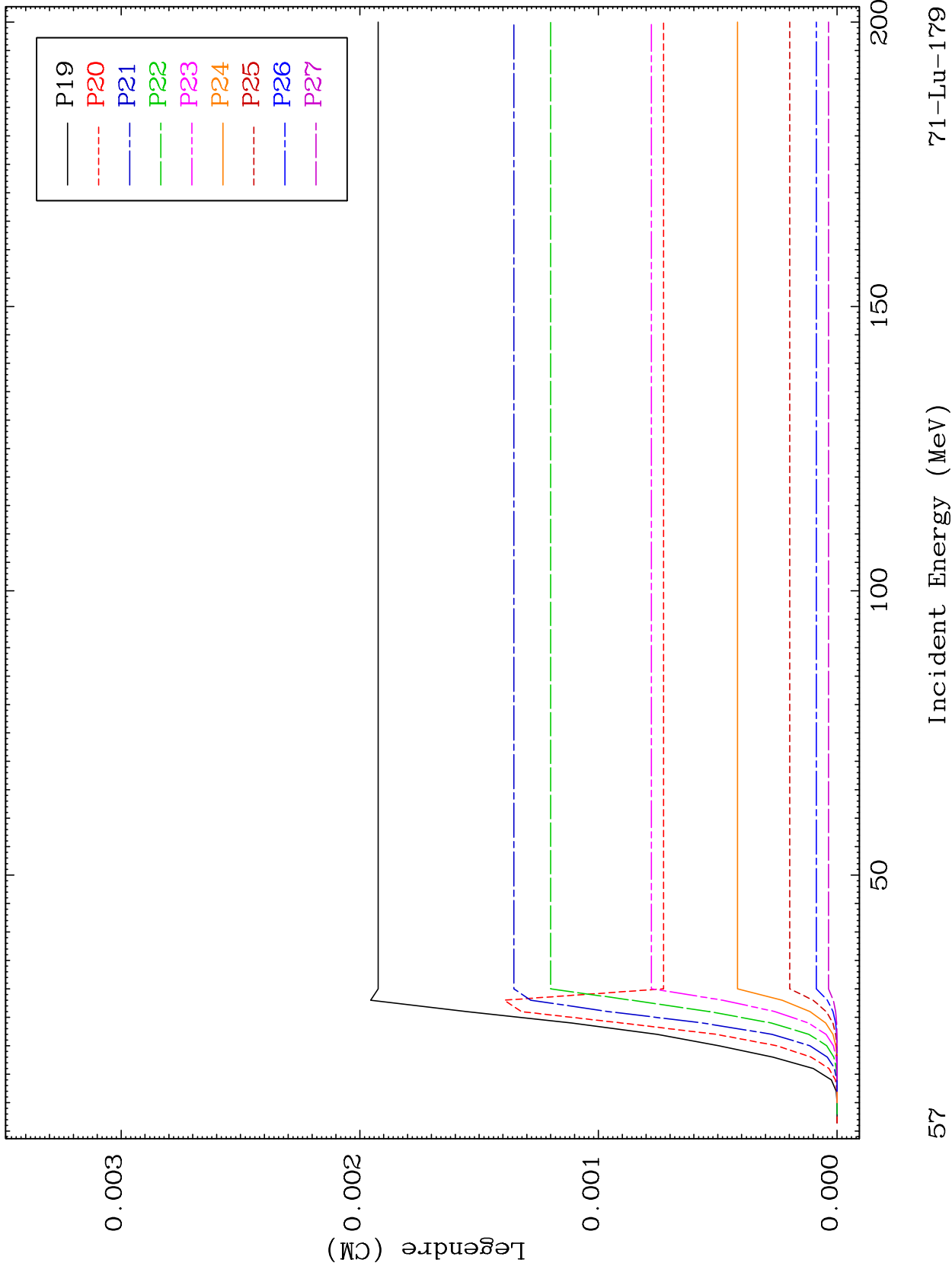
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



57

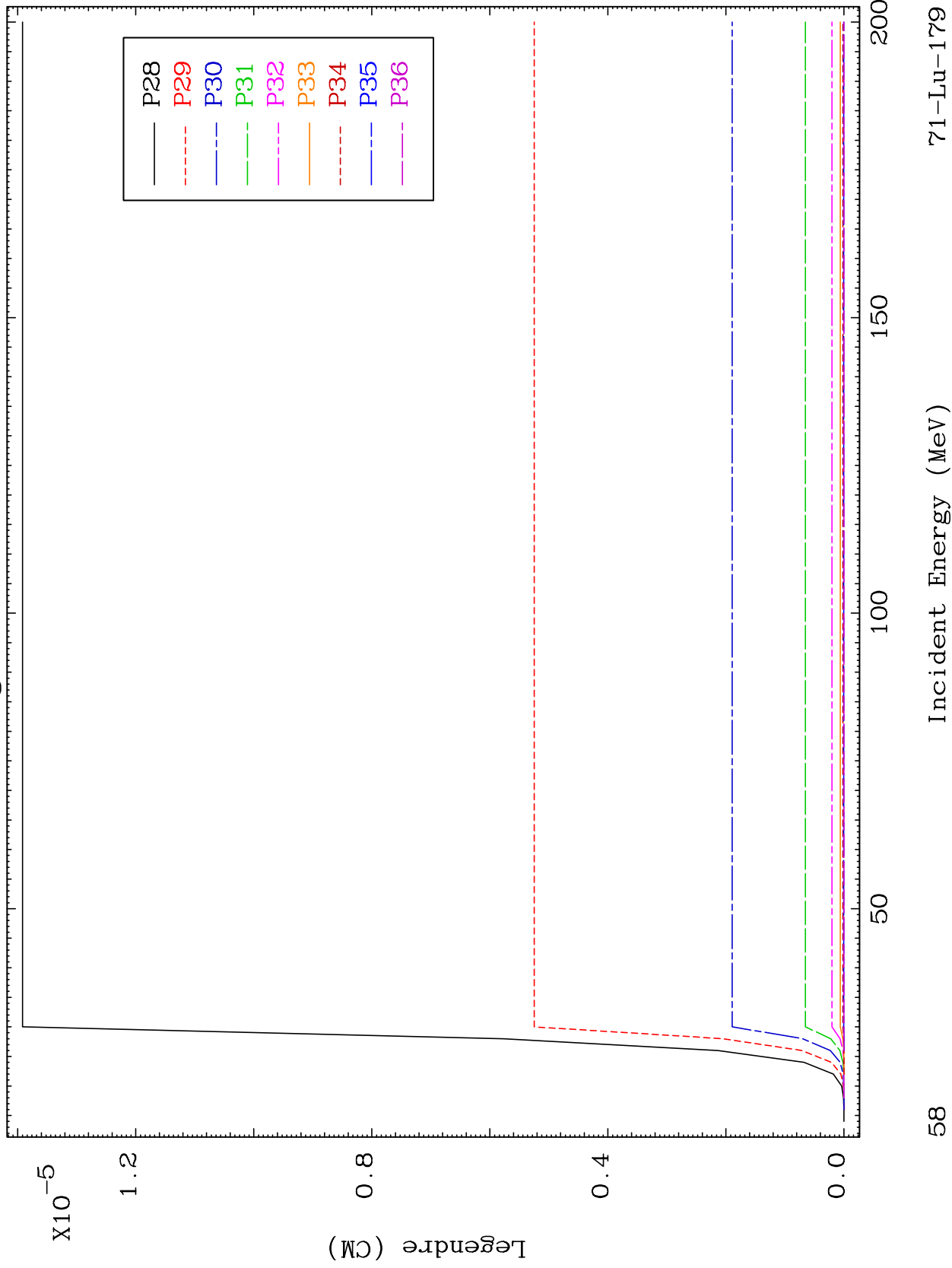
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



58

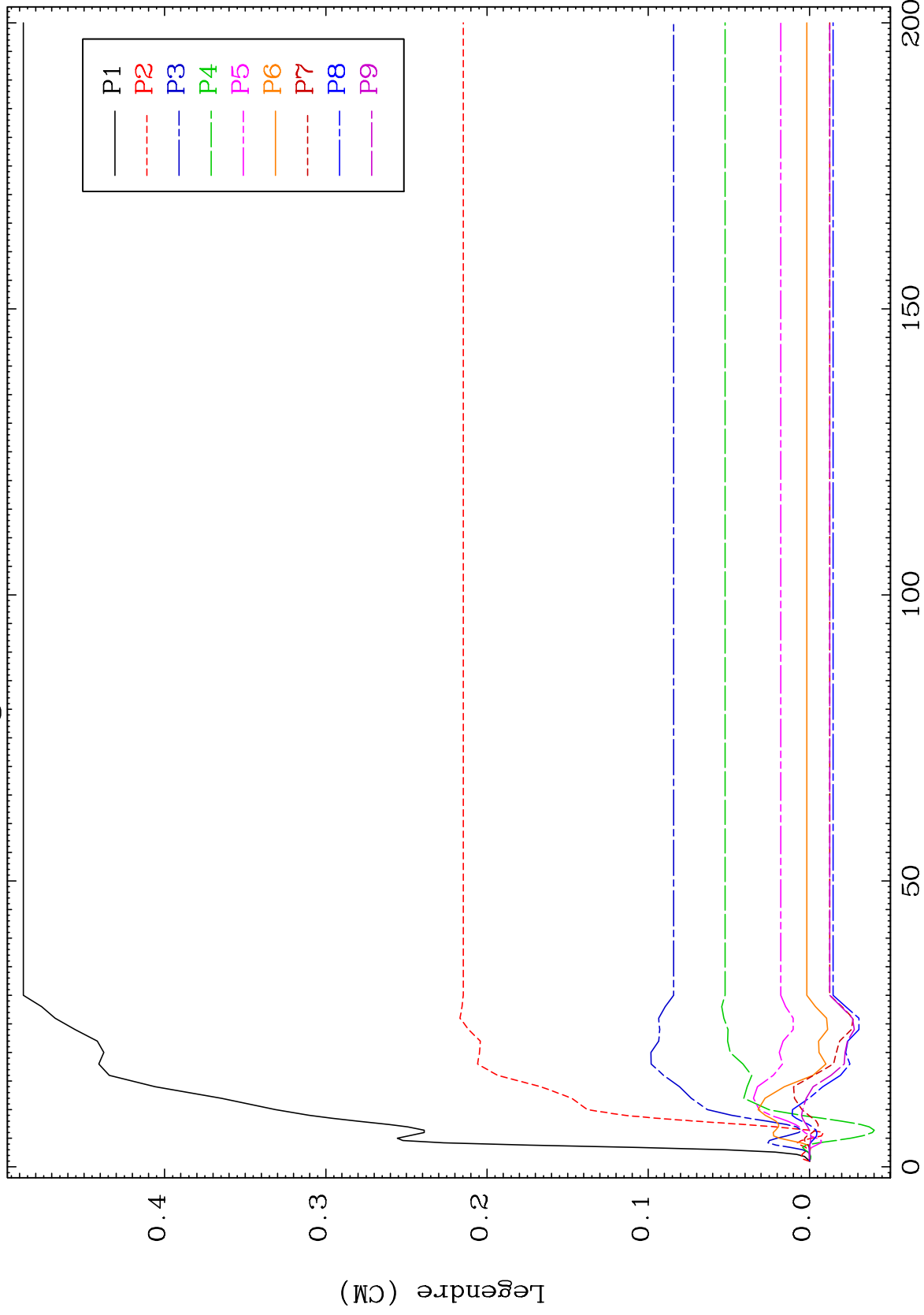
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



59

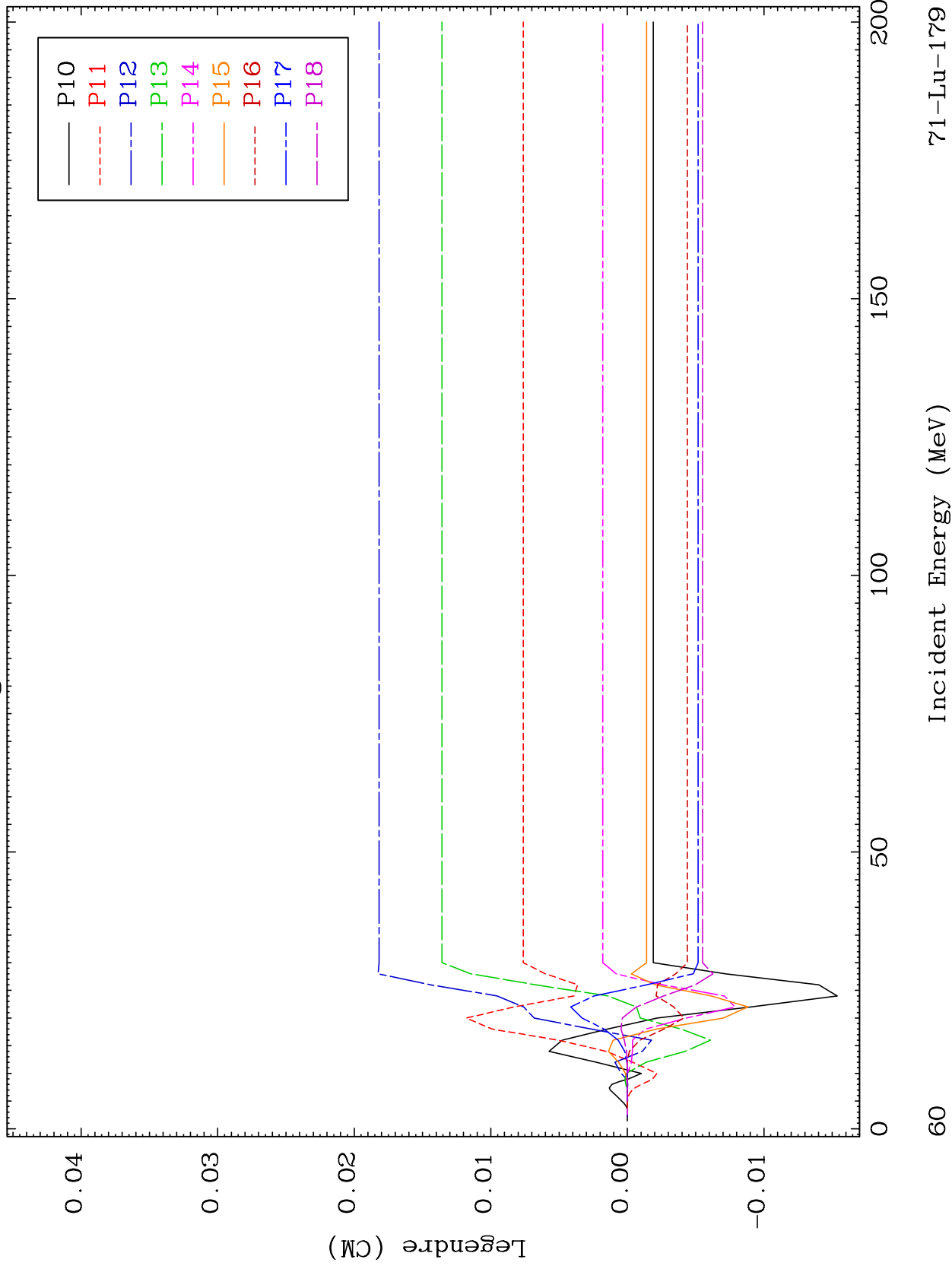
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179

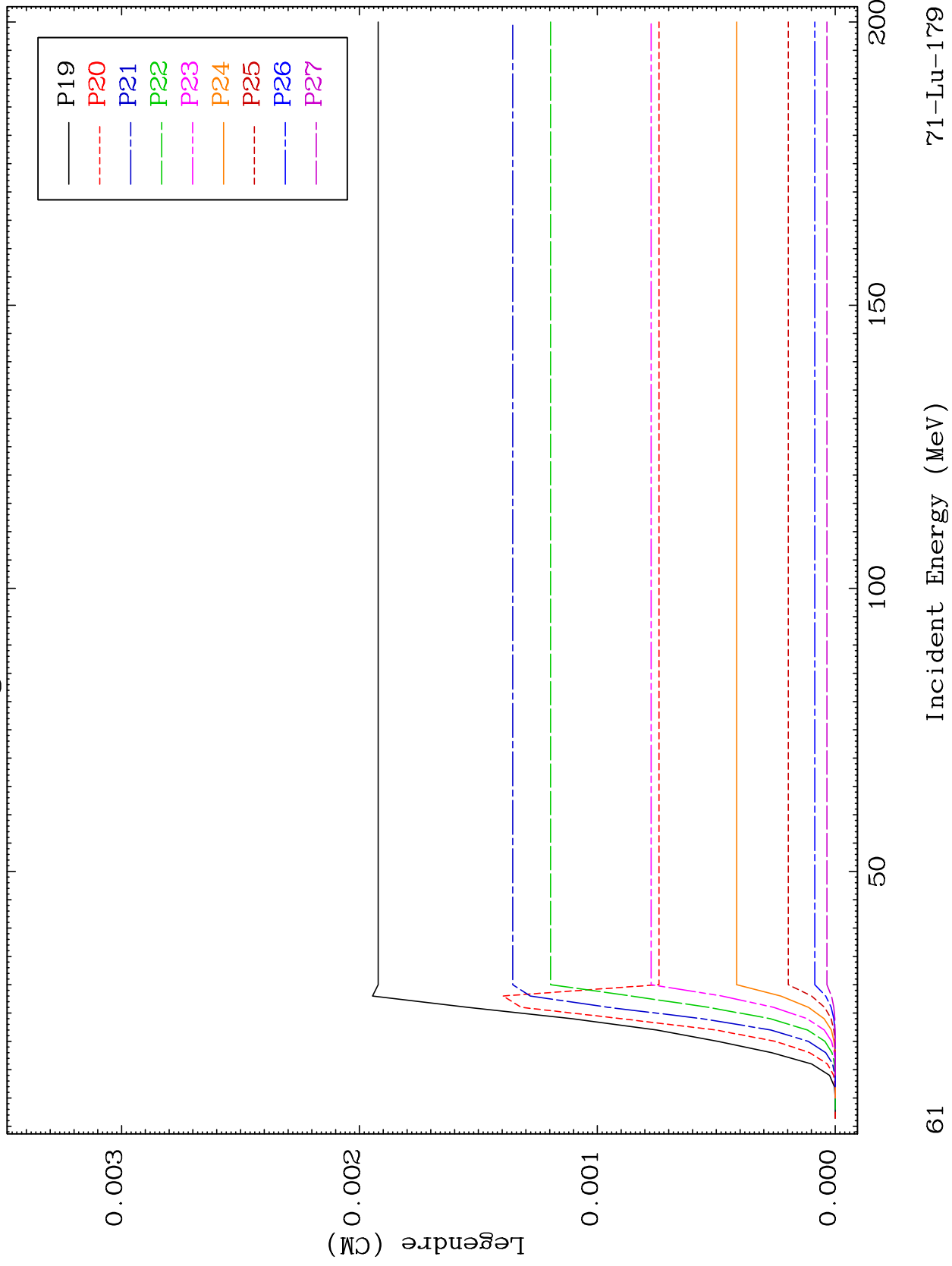


71-Lu-179

MAT 7137

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

71-Lu-179



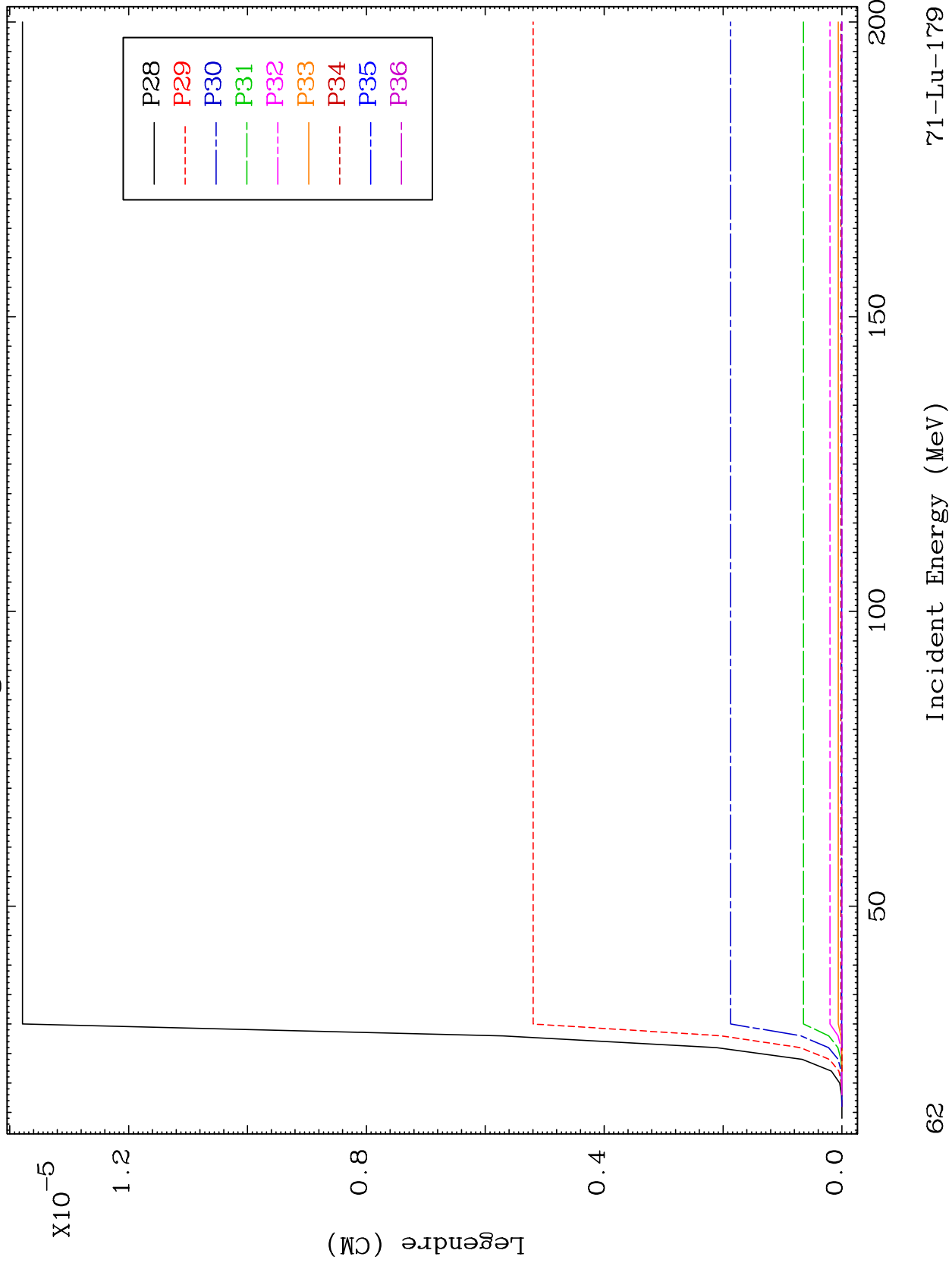
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71-Lu-179

MAT 7137

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

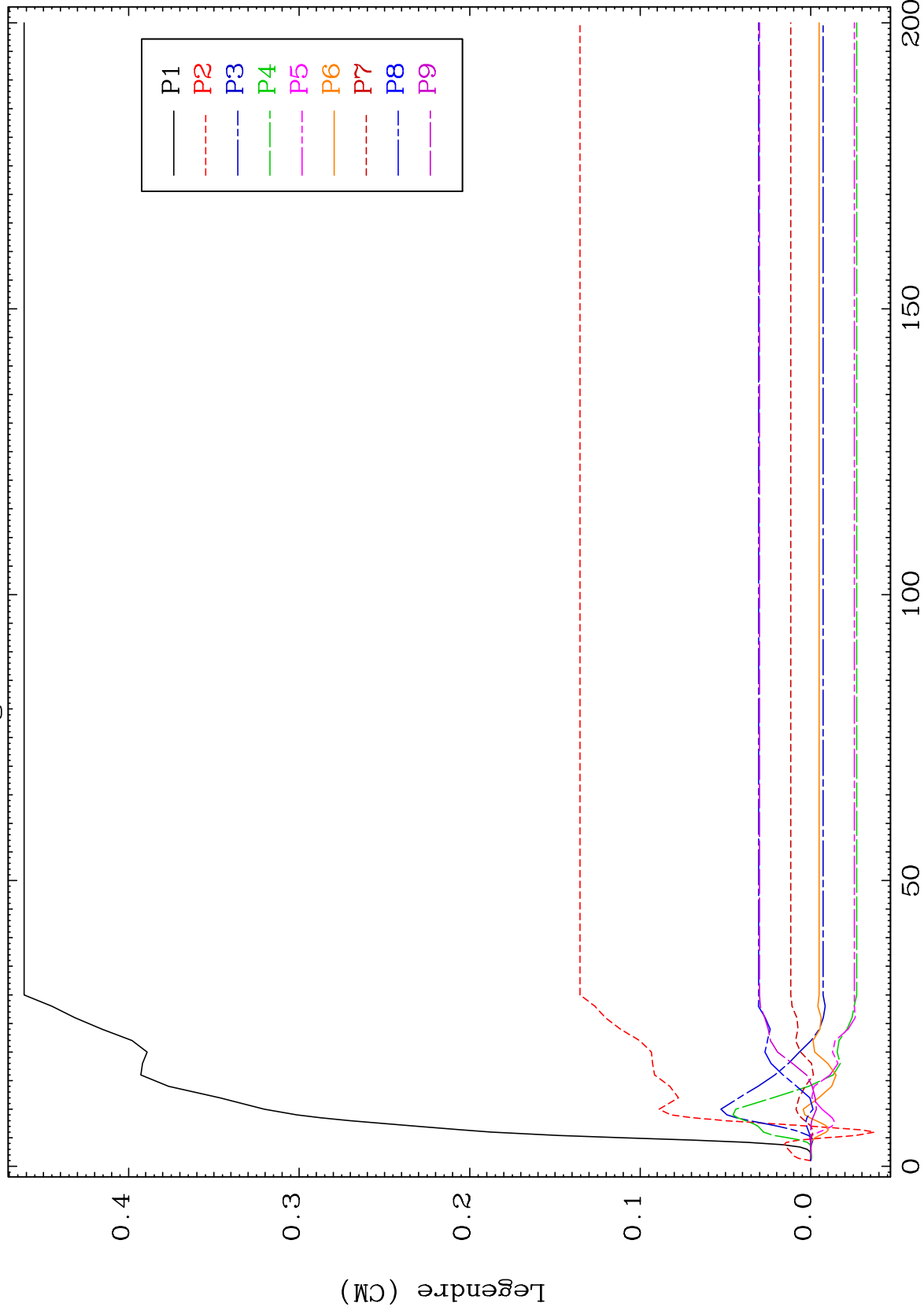
71-Lu-179



MAT 7137

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

71-Lu-179



63

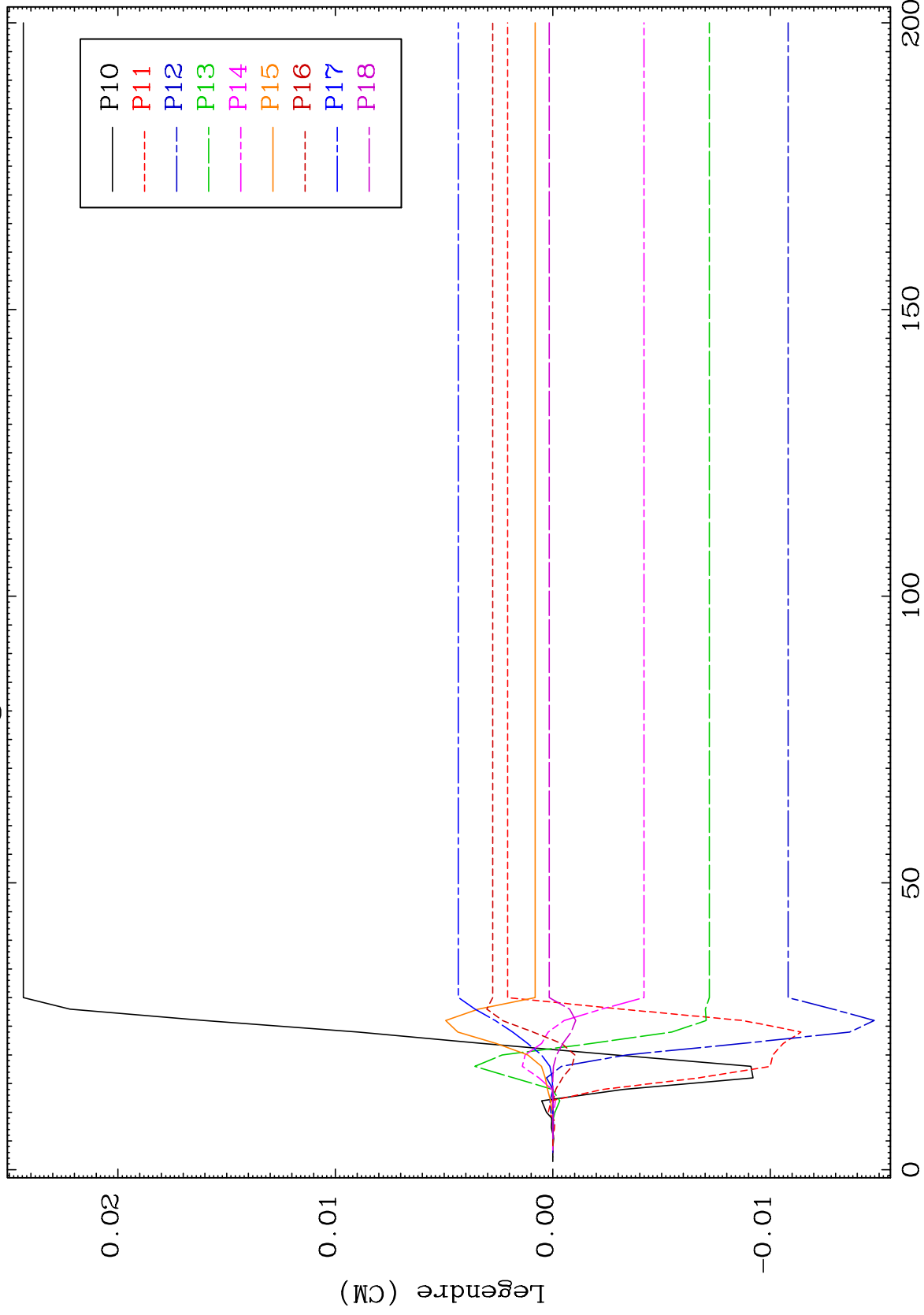
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



64

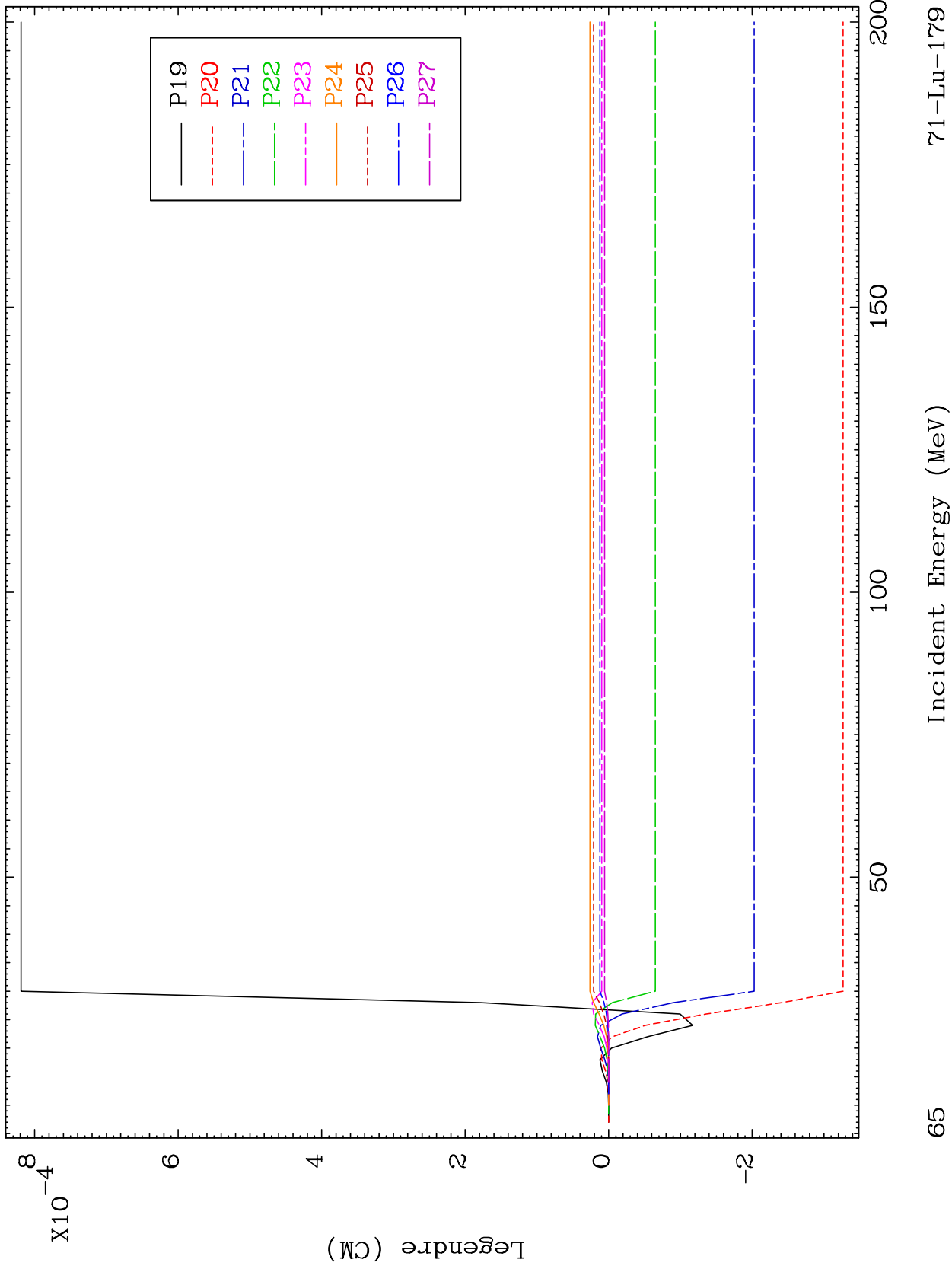
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



71-Lu-179

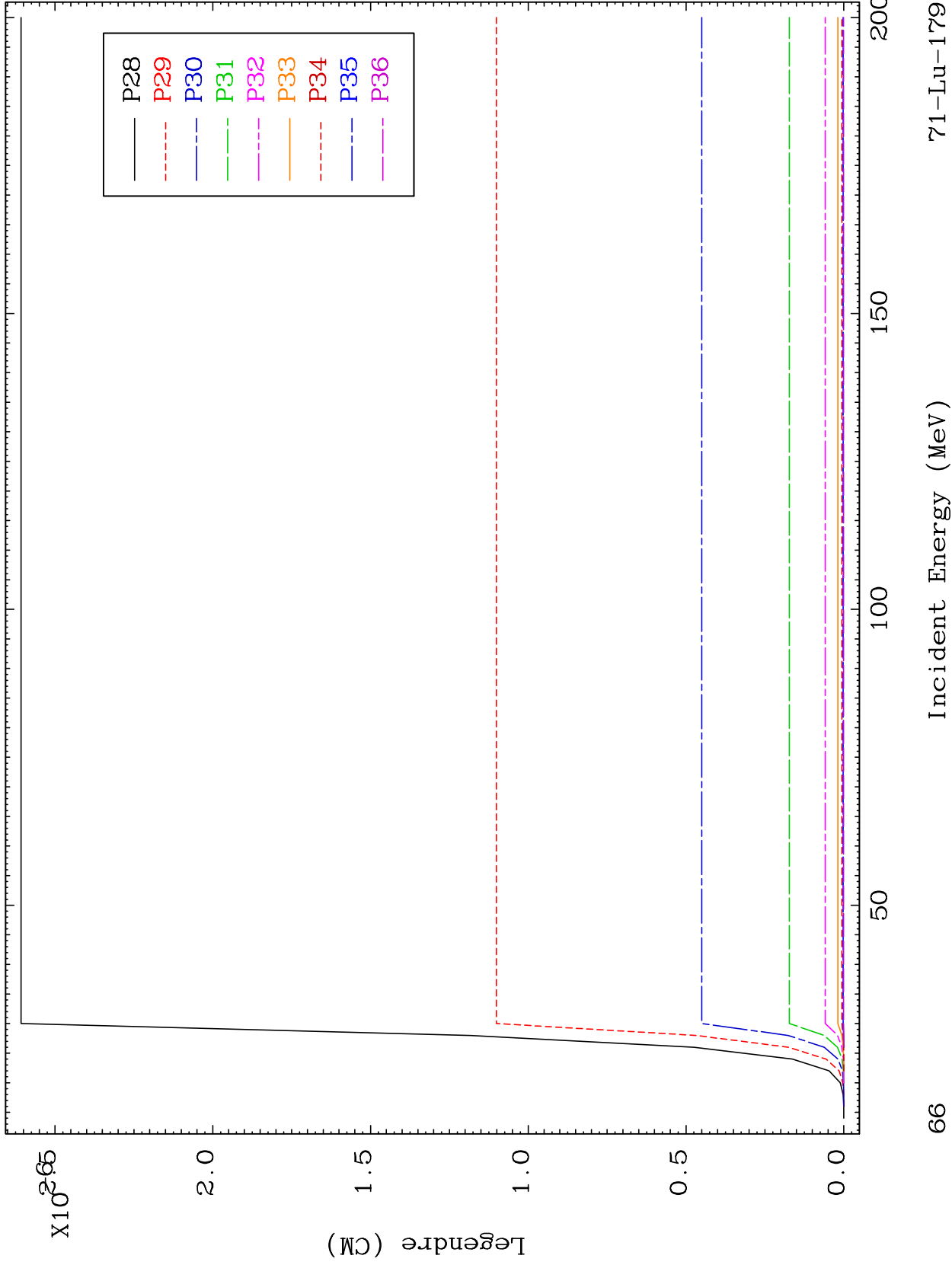
Incident Energy (MeV)

65

MAT 7137

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

71-Lu-179



66

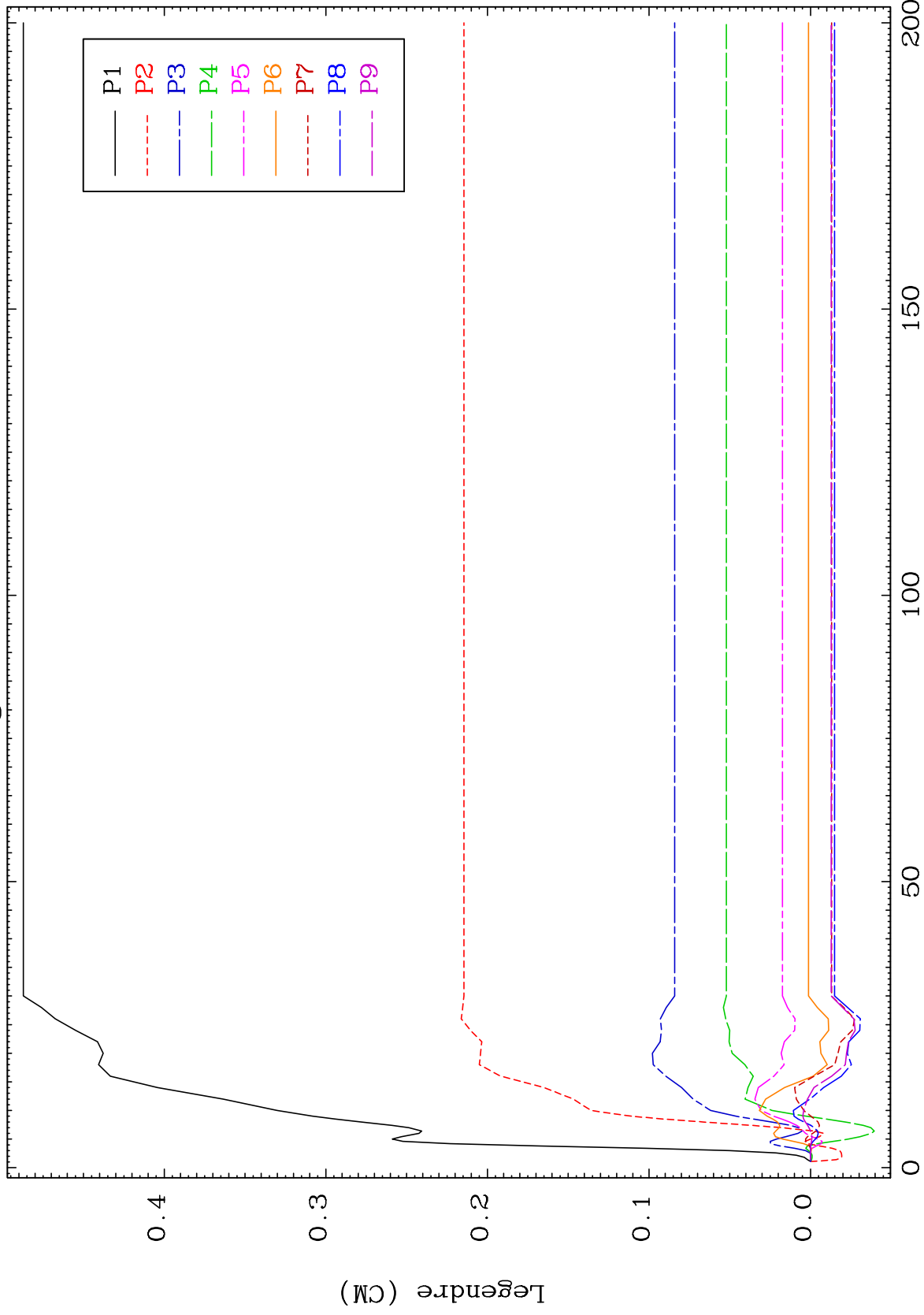
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



67

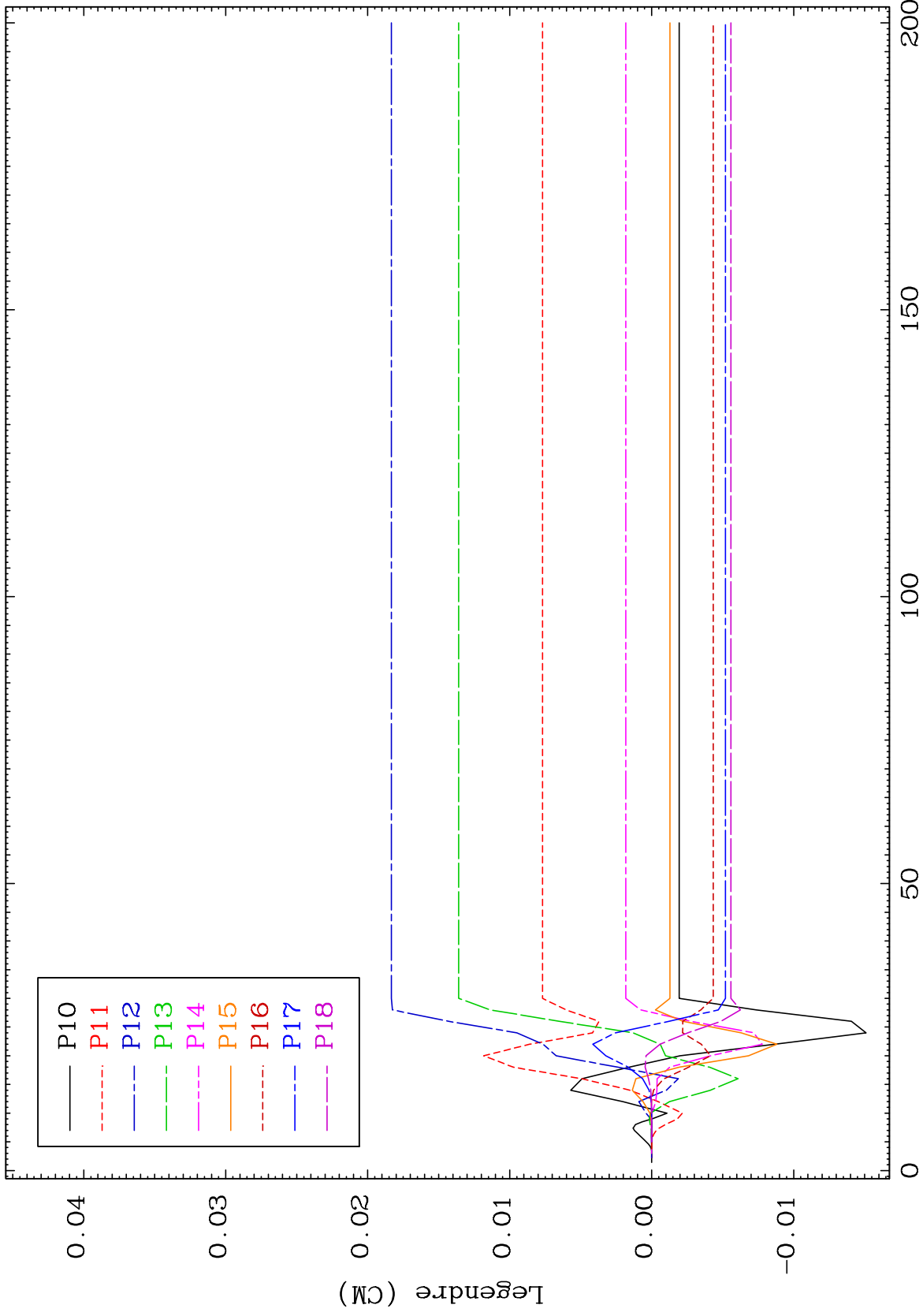
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



68

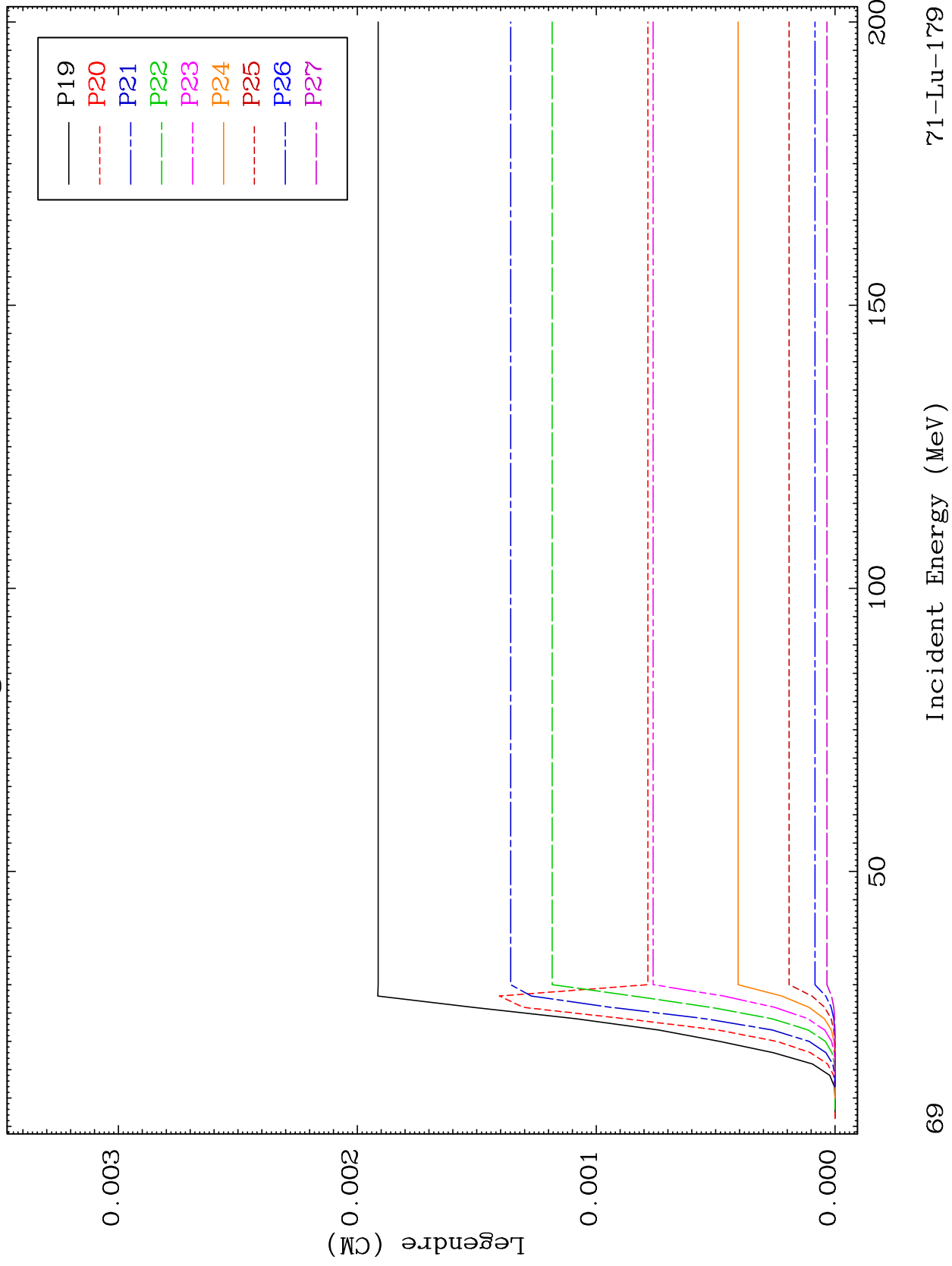
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



69

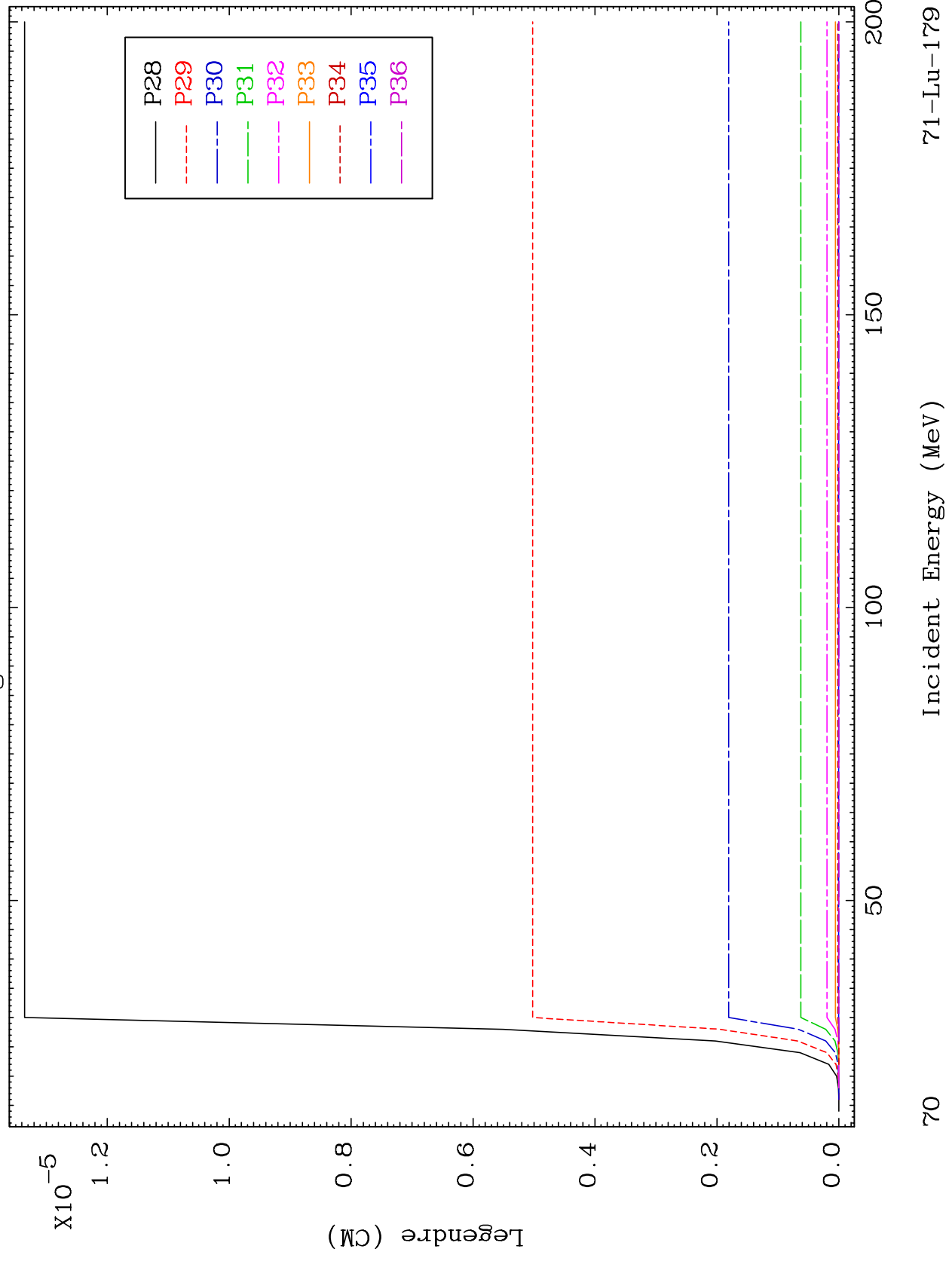
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

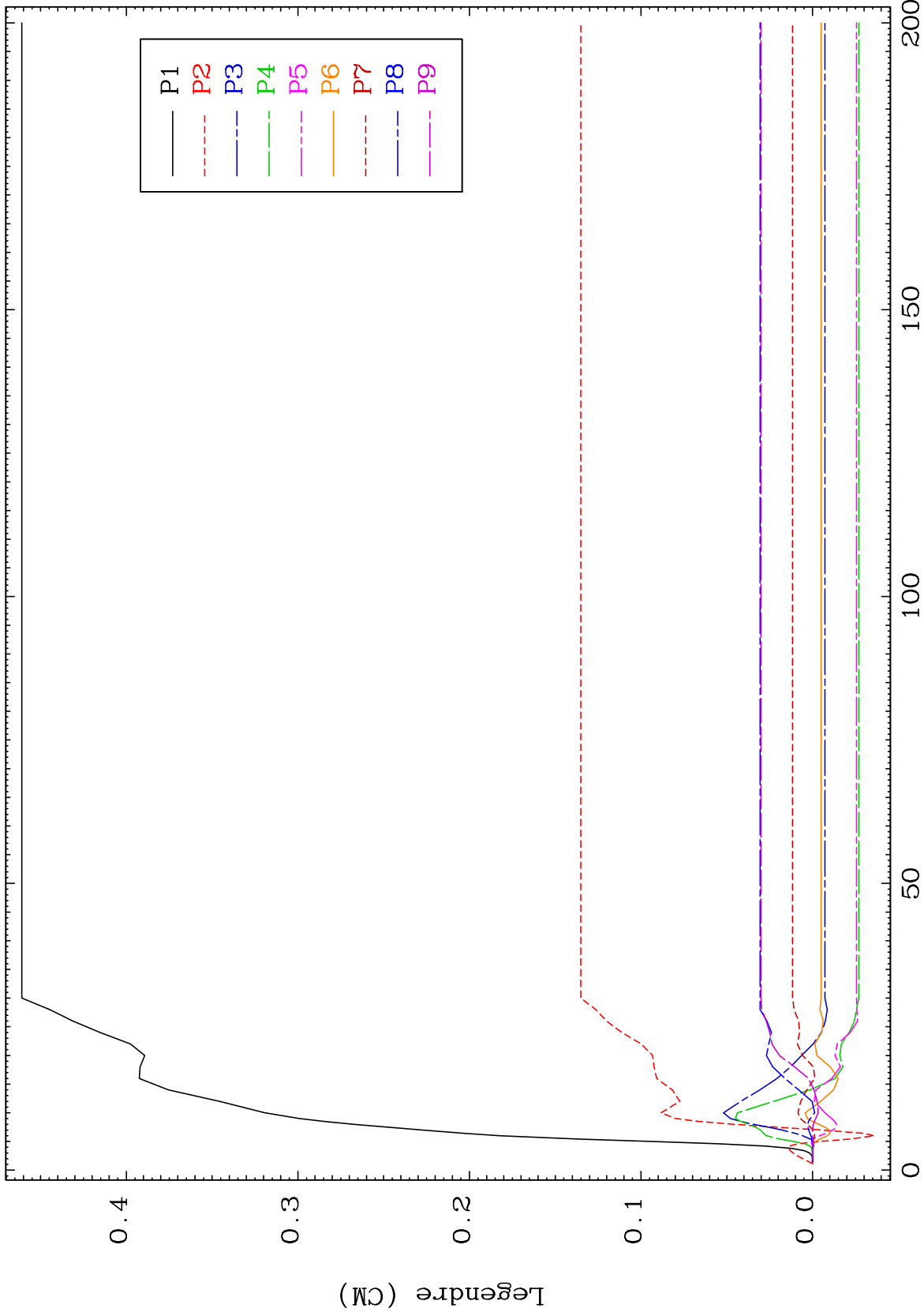
71-Lu-179



MAT 7137

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

71-Lu-179



71

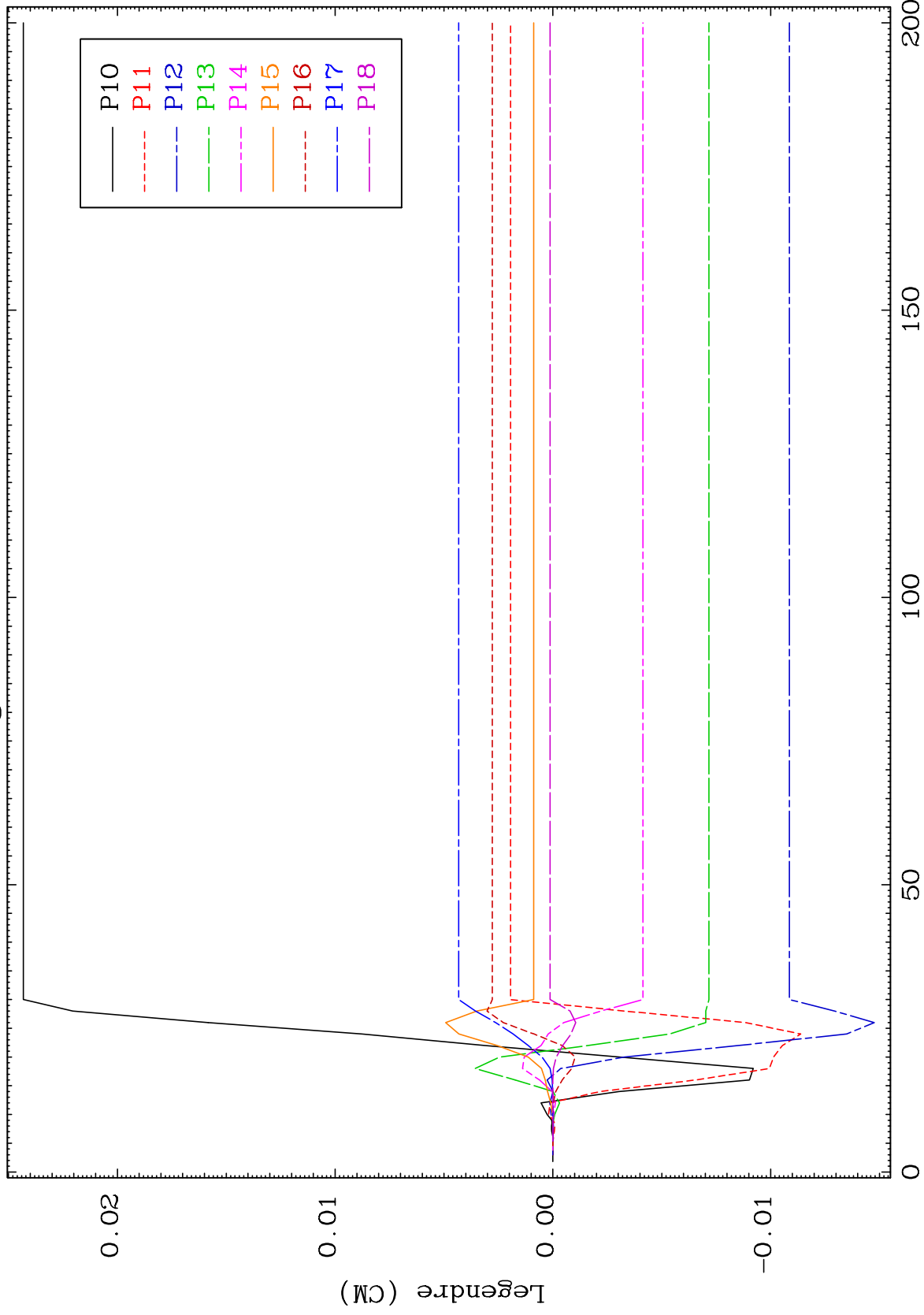
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



72

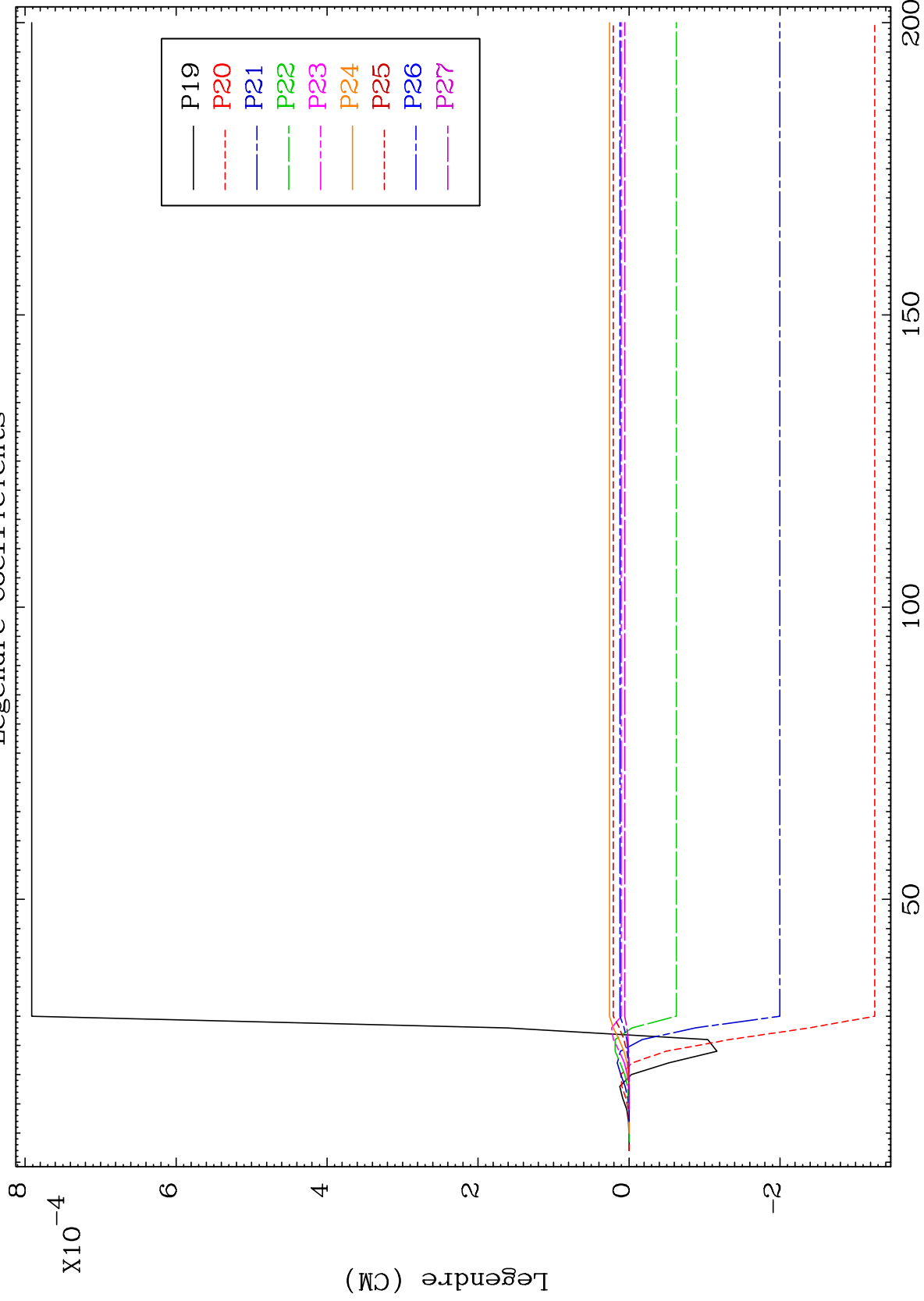
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



73

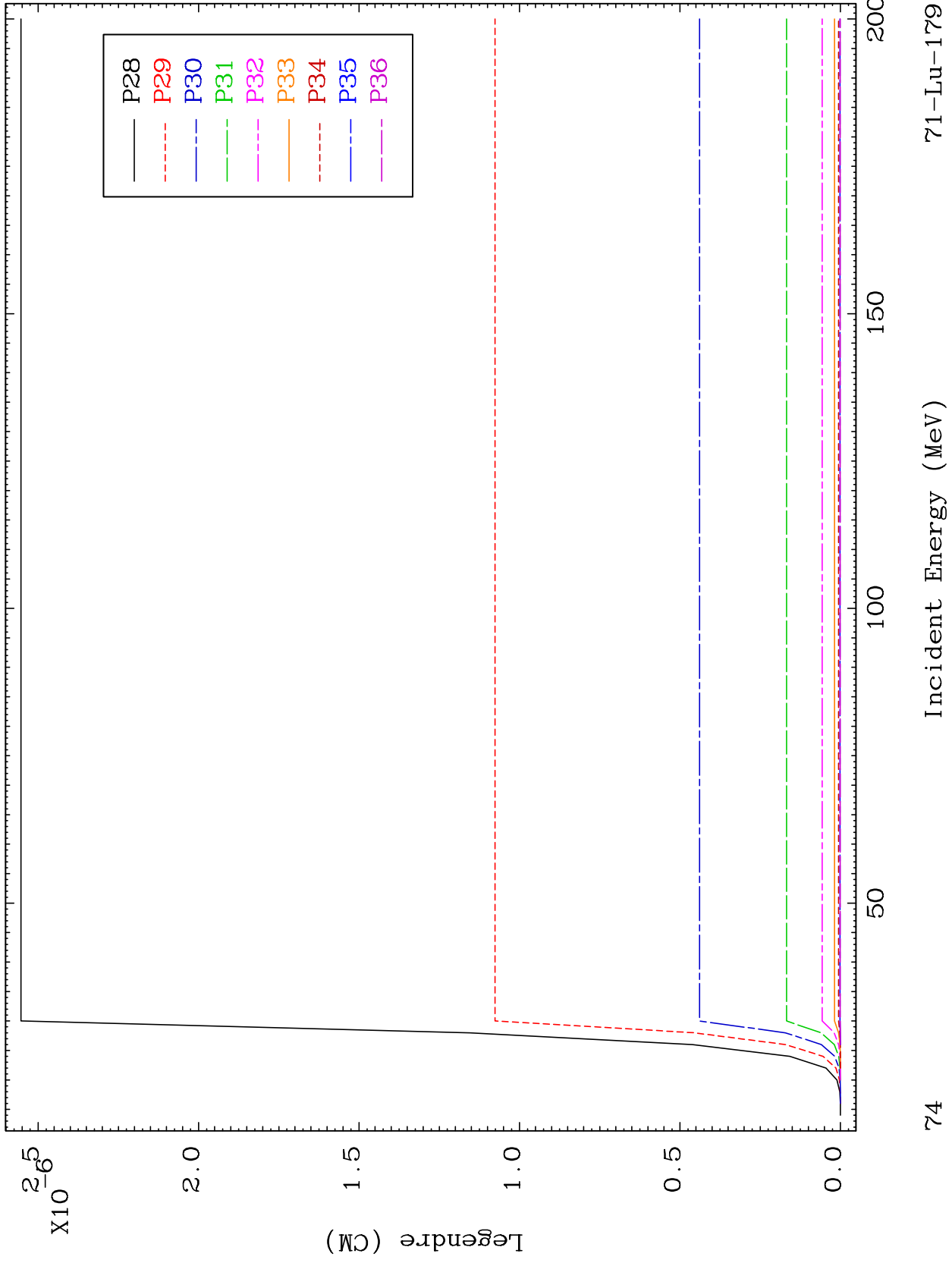
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



74

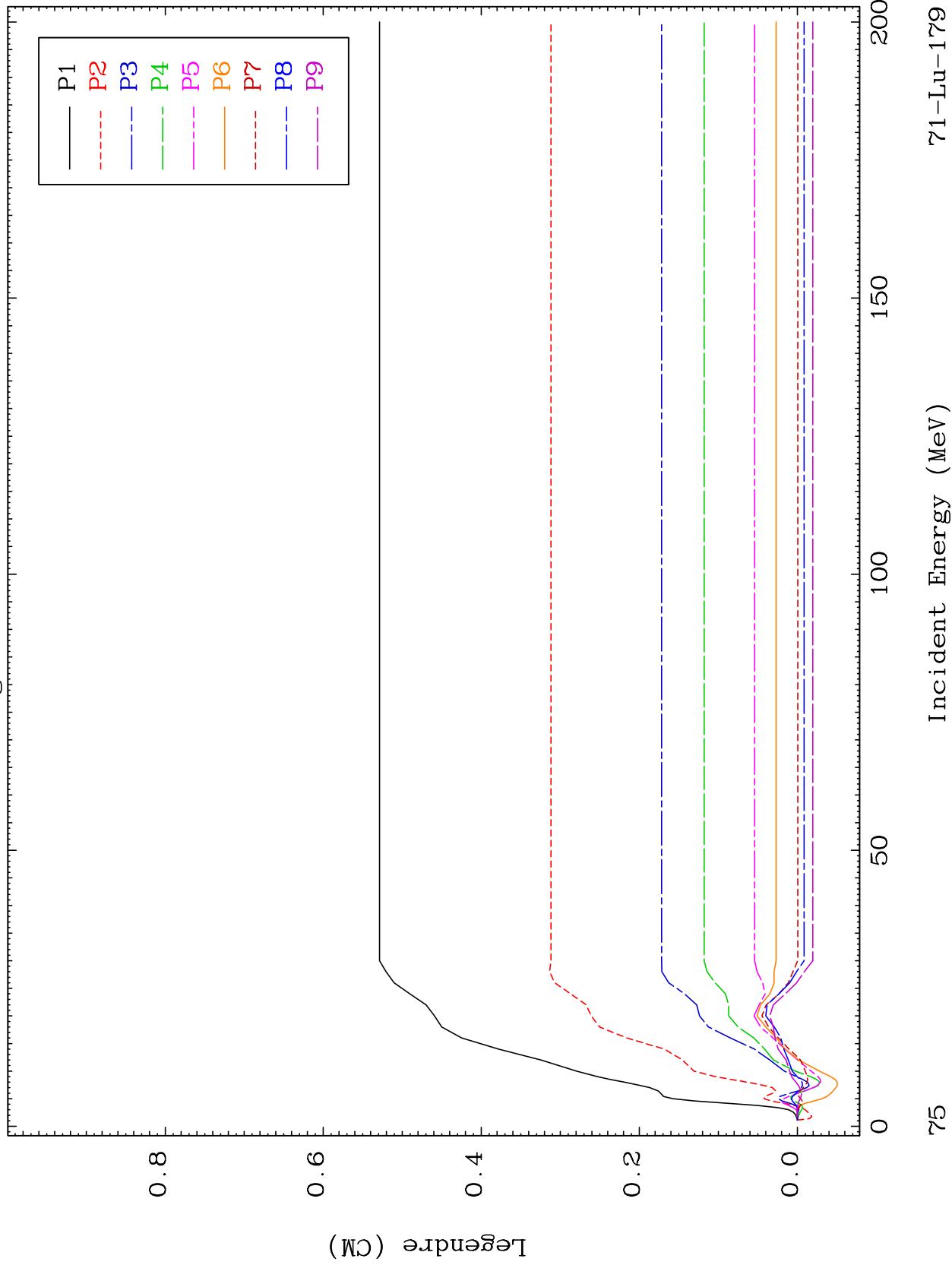
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

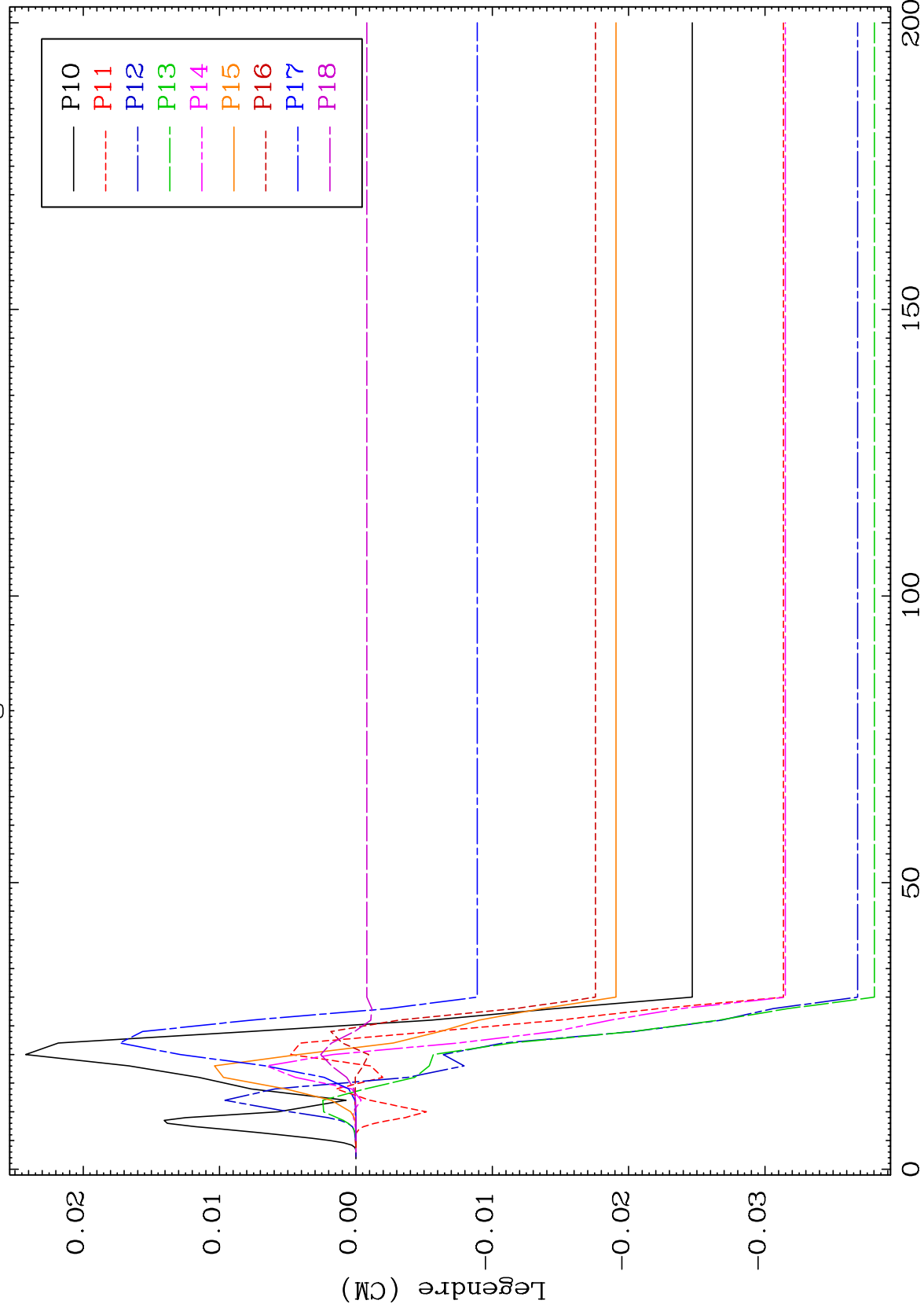
71-Lu-179



MAT 7137

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

71-Lu-179



76

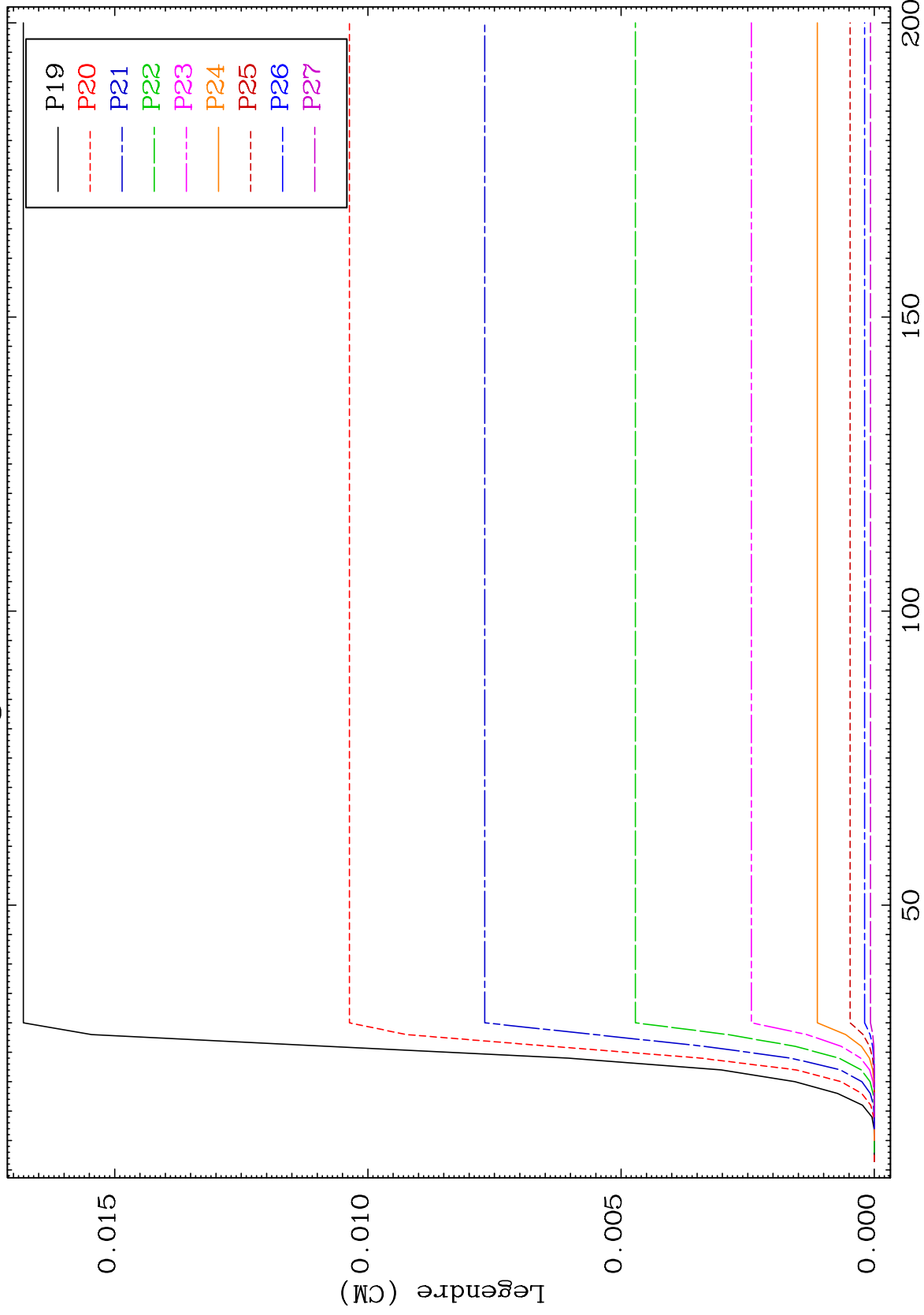
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



77

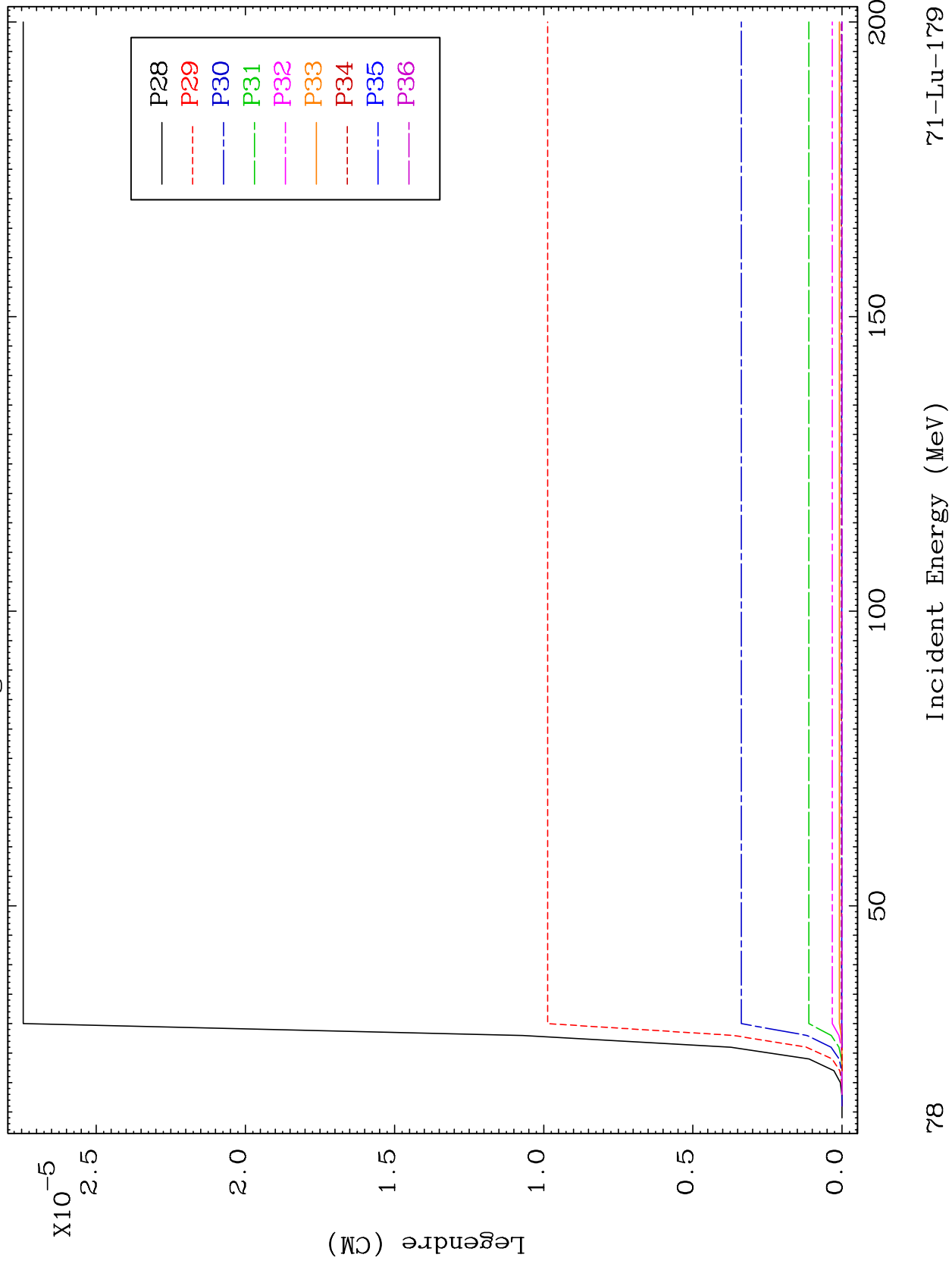
Incident Energy (MeV)

71-Lu-179

MAT 7137

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

71-Lu-179



78

Incident Energy (MeV)

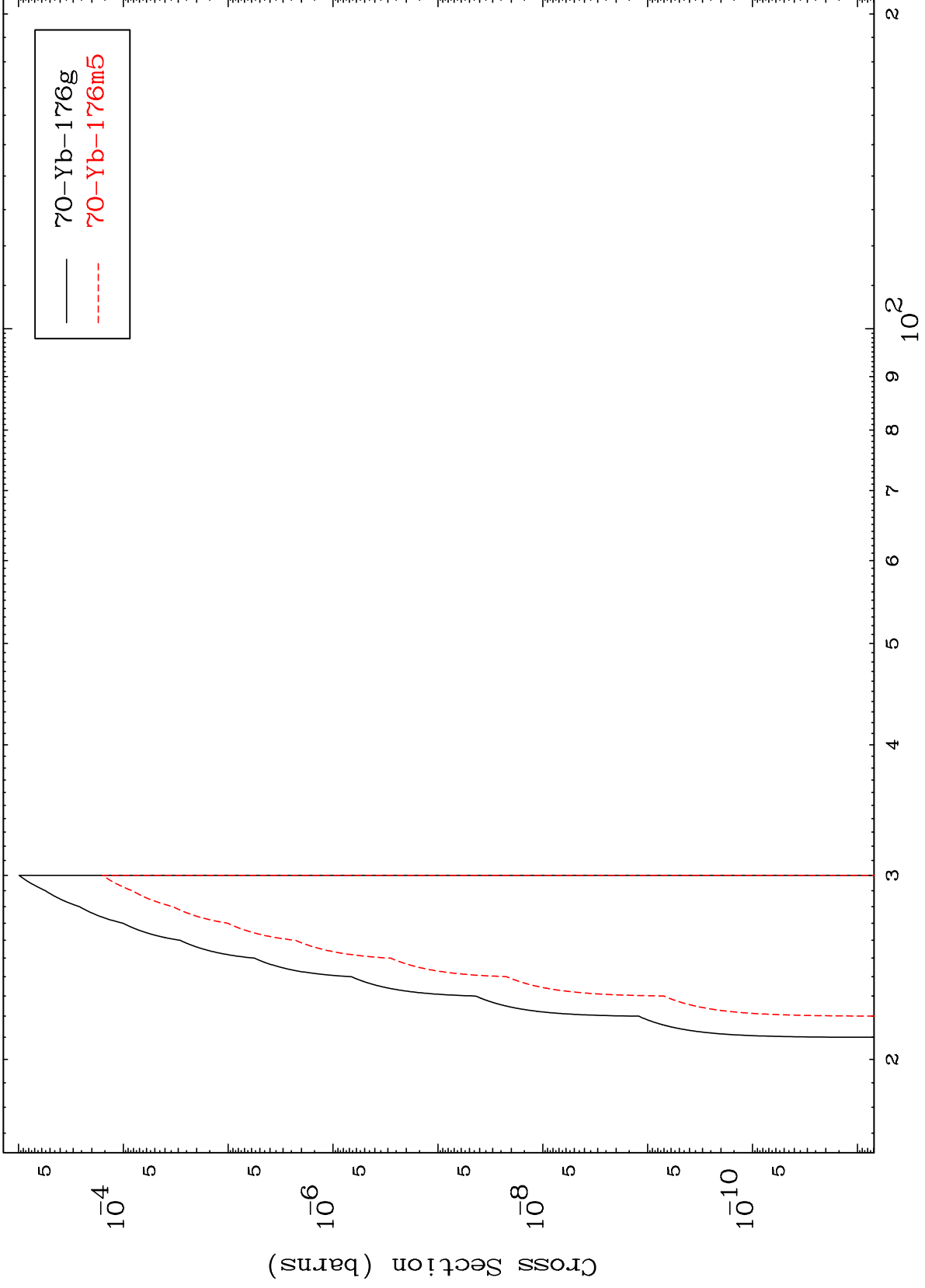
71-Lu-179

MAT 7137

(n,2n) d

71-Lu-179

Radionuclide Production Cross Section



79

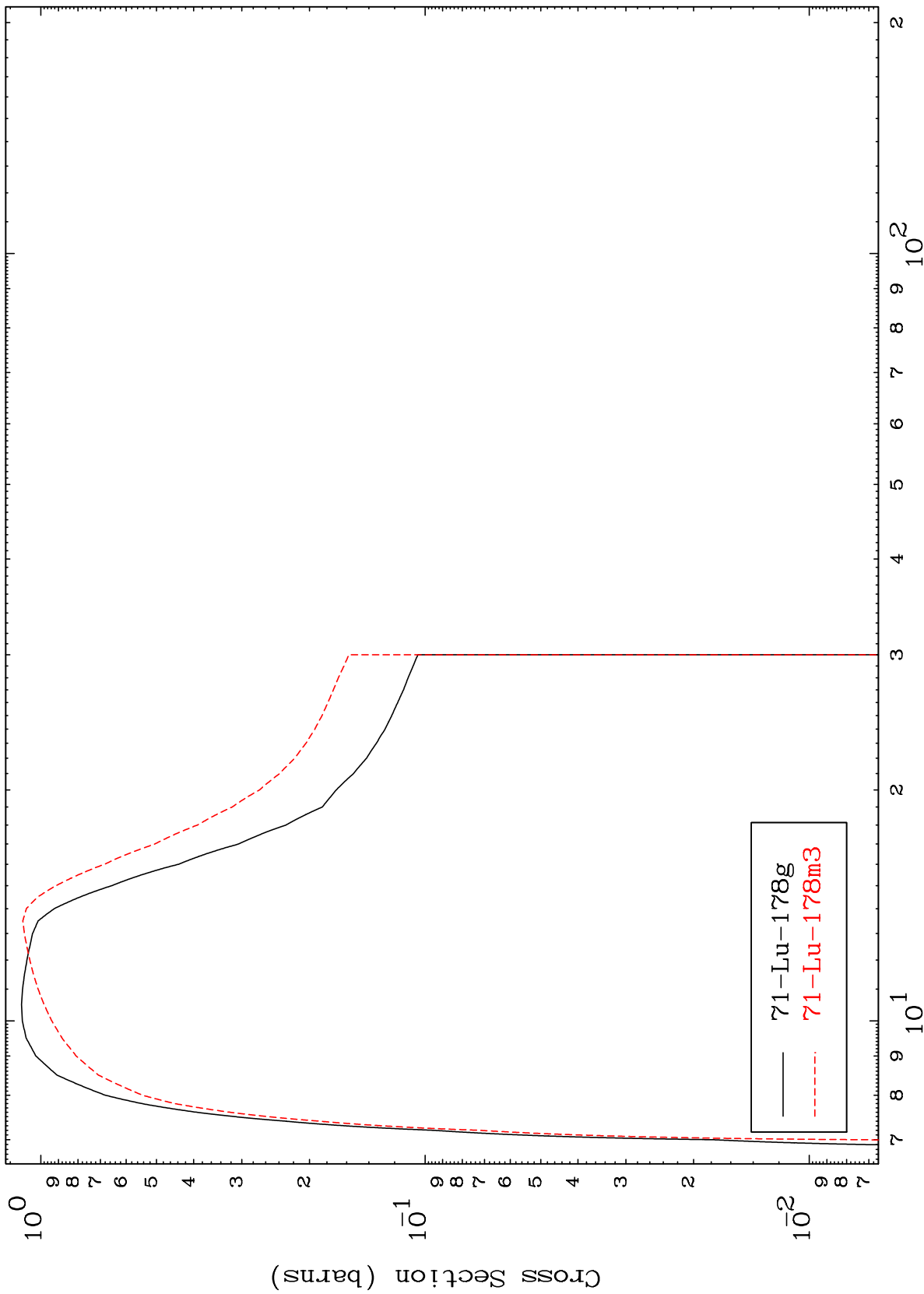
Incident Energy (MeV)

71-Lu-179

MAT 7137

71-Lu-179

(n,2n)
Radionuclide Production Cross Section

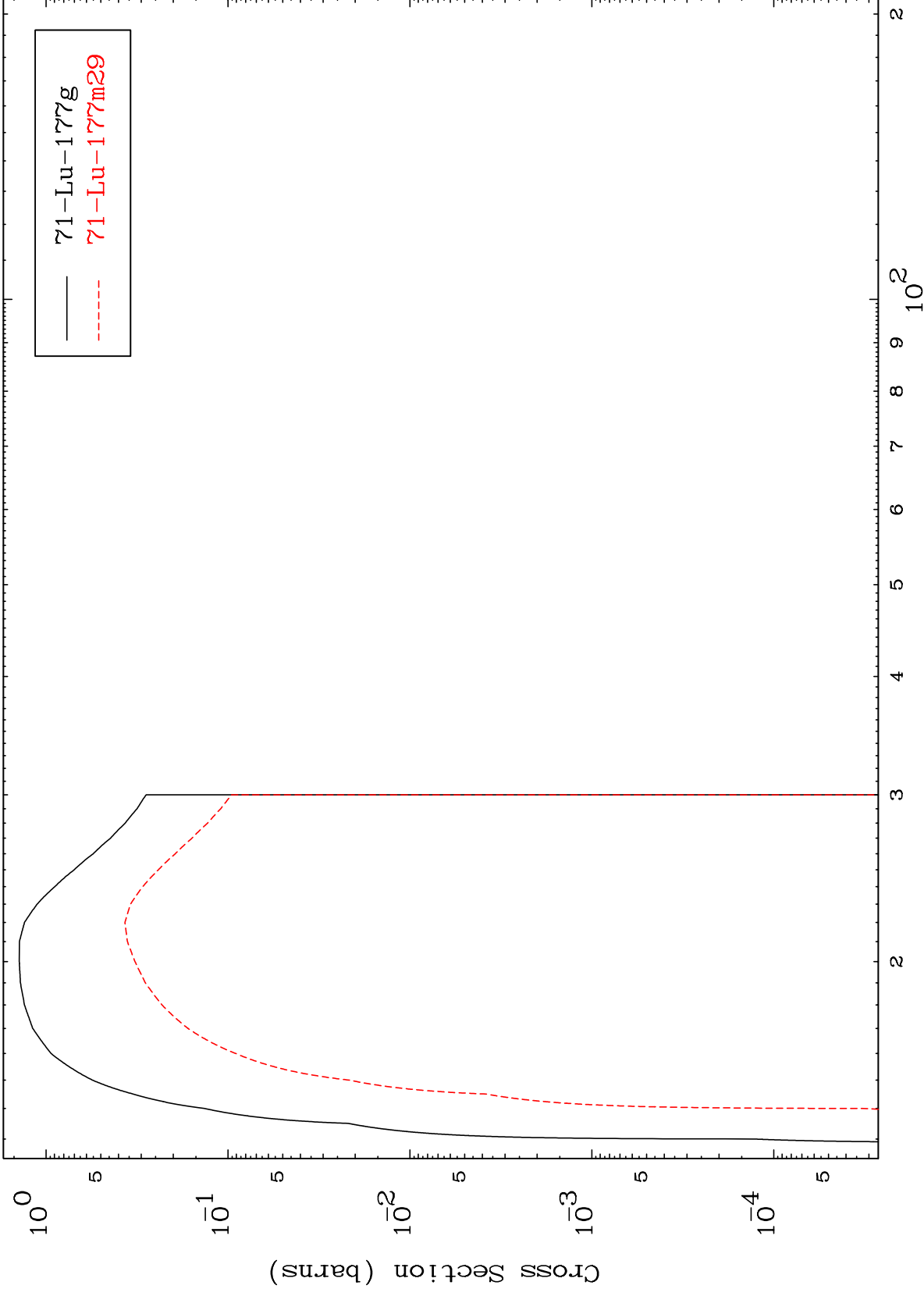


80

Incident Energy (MeV)

71-Lu-179

Radionuclide Production Cross Section

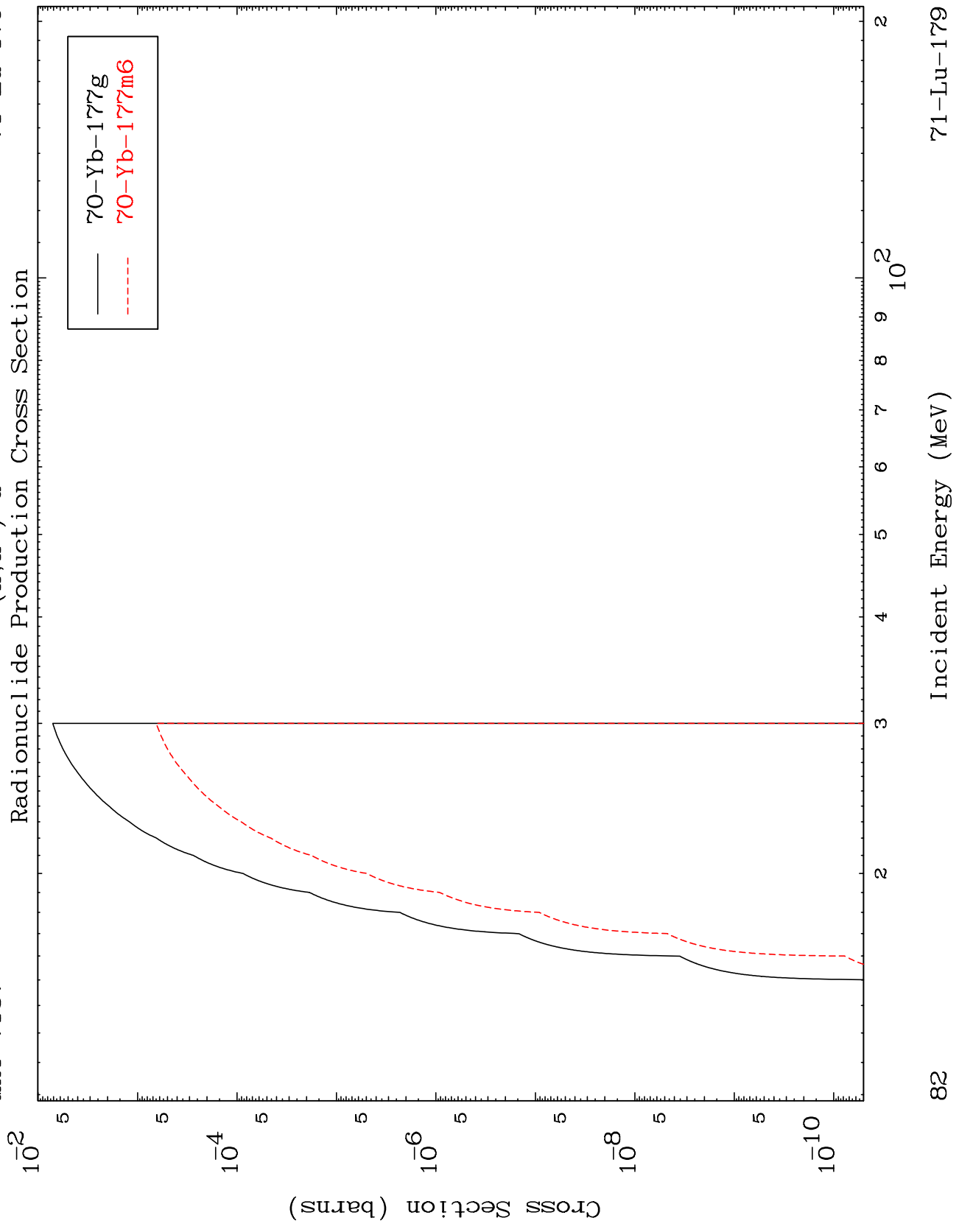


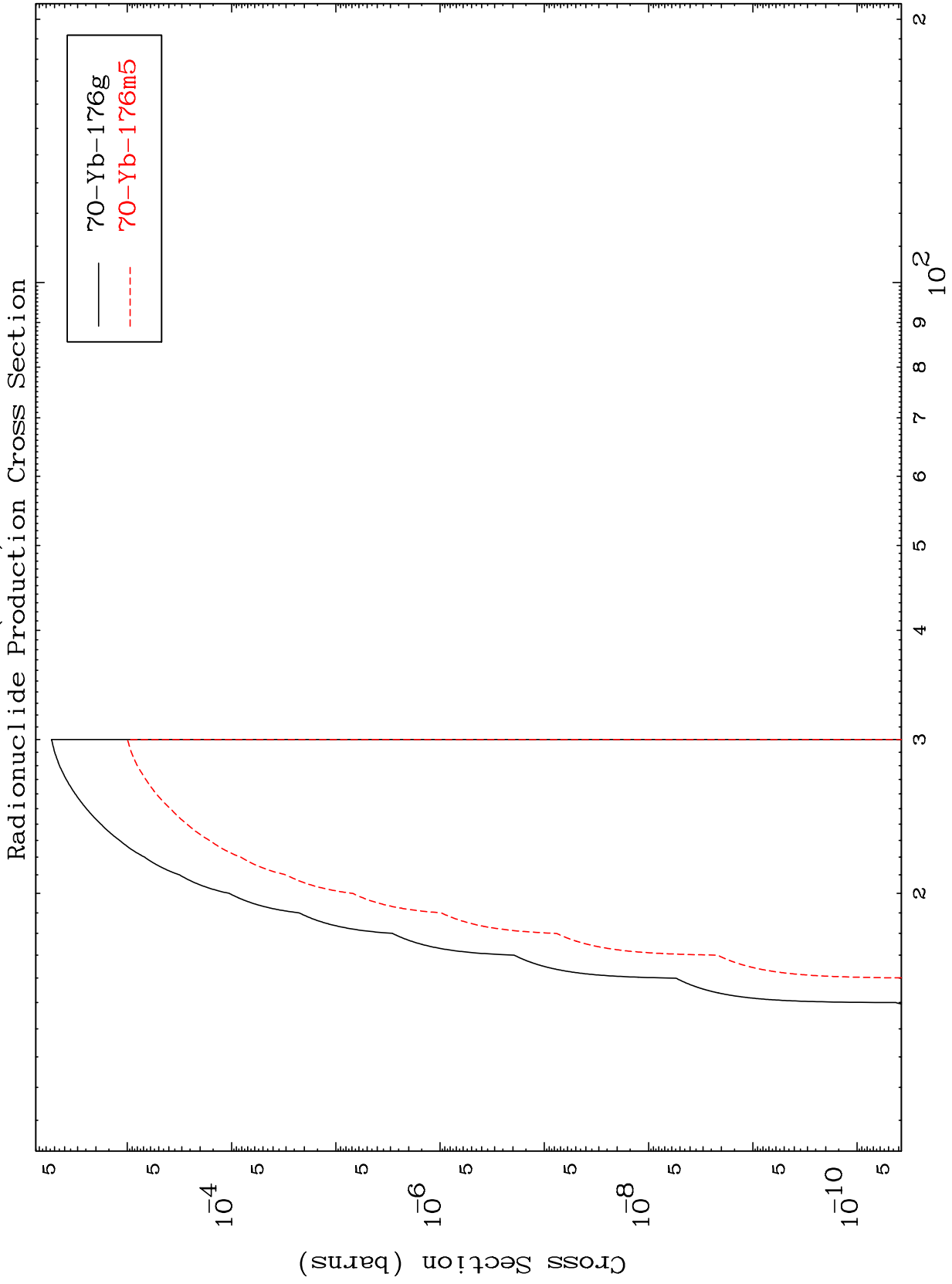
71-Lu-177g
71-Lu-177m29

MAT 7137

(n,n') d

71-Lu-179



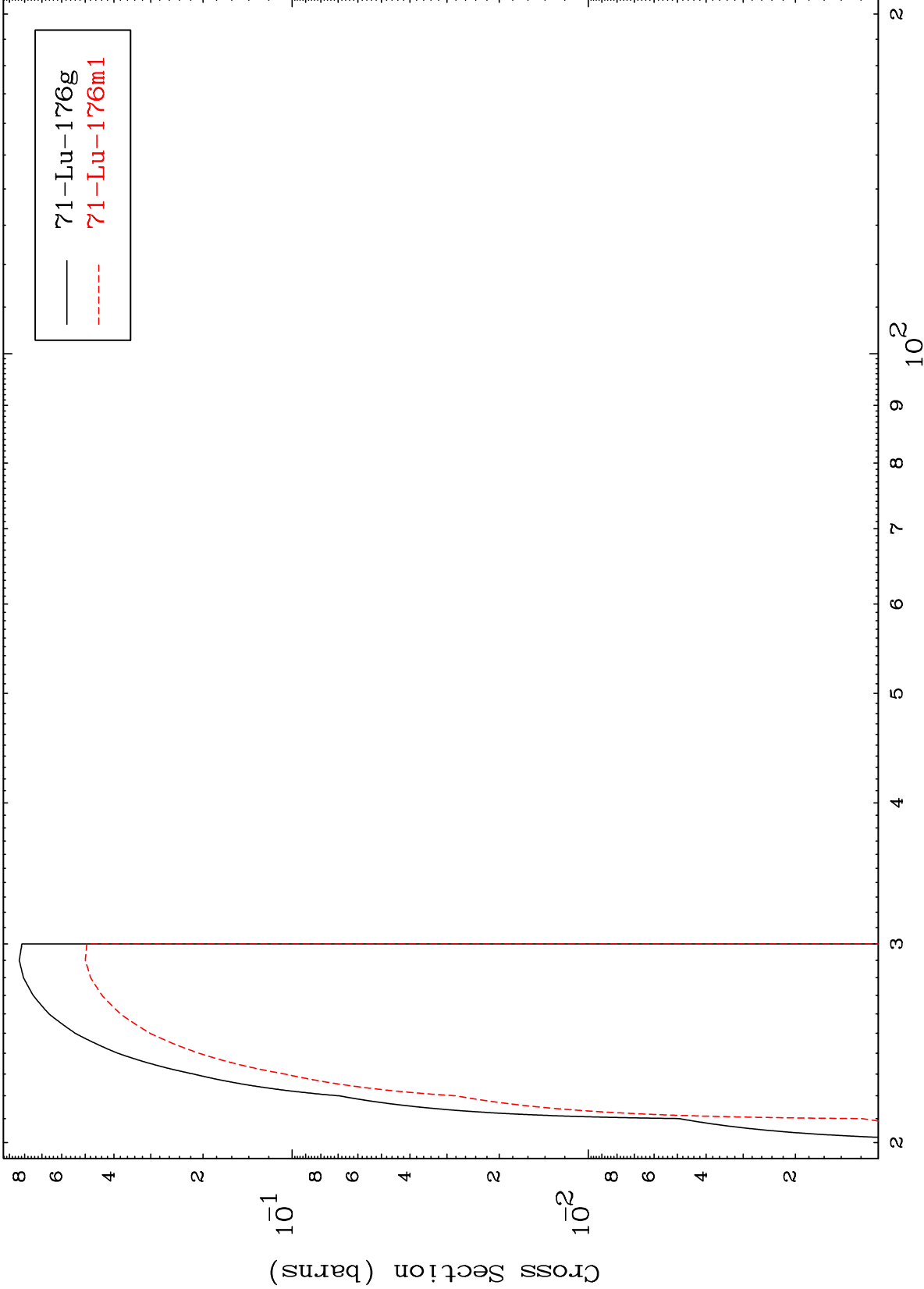


MAT 7137

(n,4n)

71-Lu-179

Radionuclide Production Cross Section



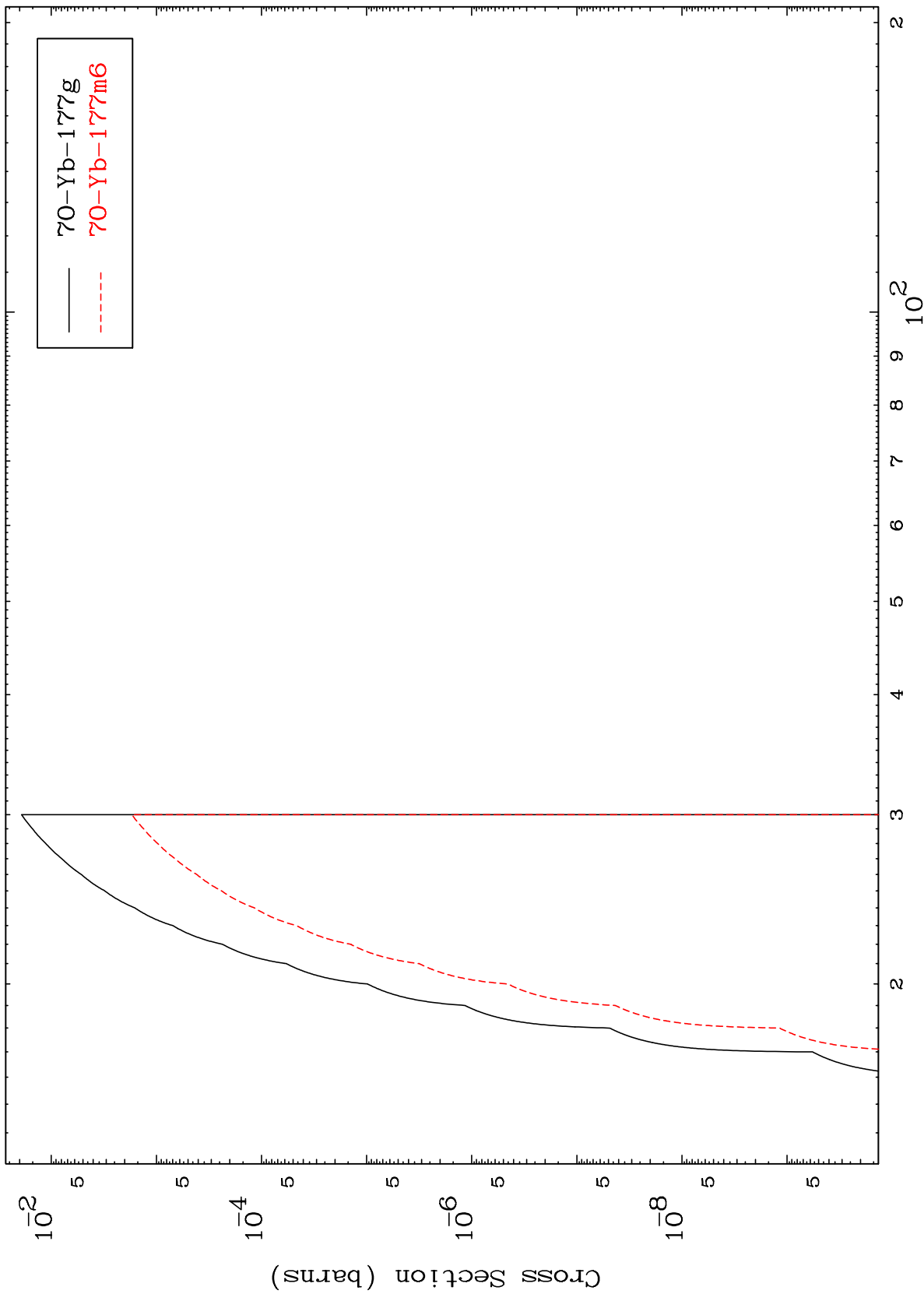
71-Lu-176g
71-Lu-176m1

84

Incident Energy (MeV)

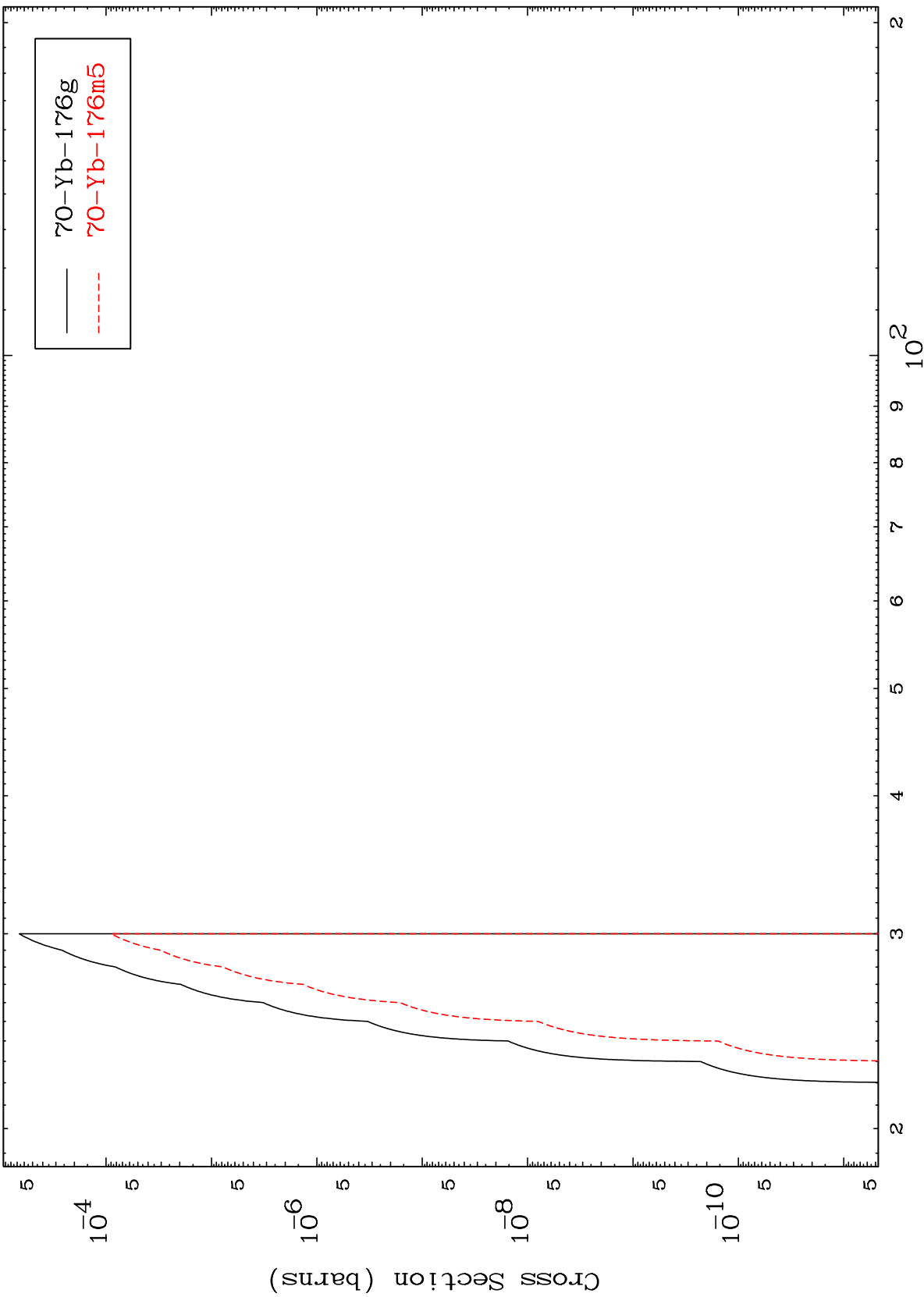
71-Lu-179

Radionuclide Production Cross Section

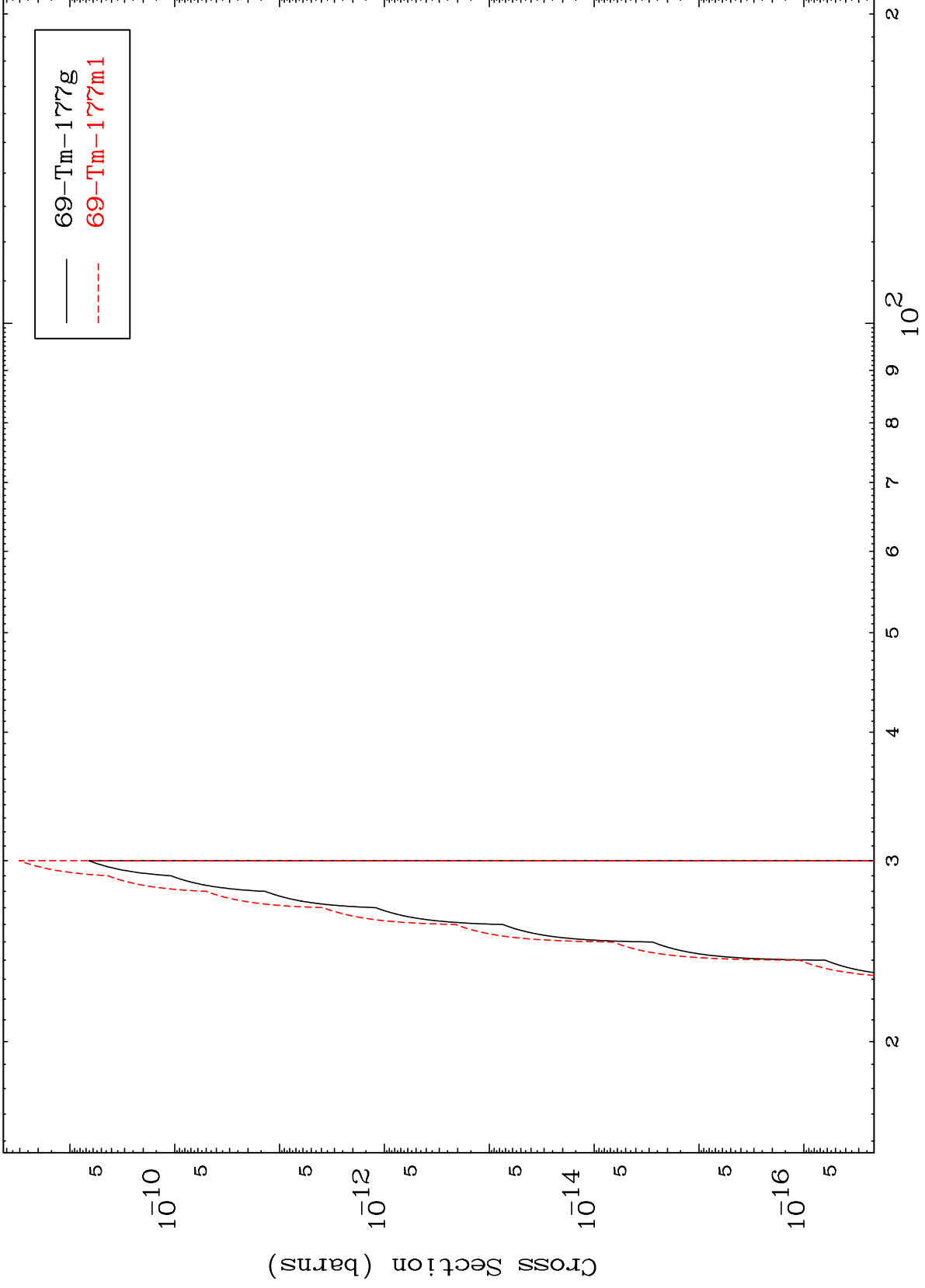


70-Yb-177g
70-Yb-177m6

Radionuclide Production Cross Section



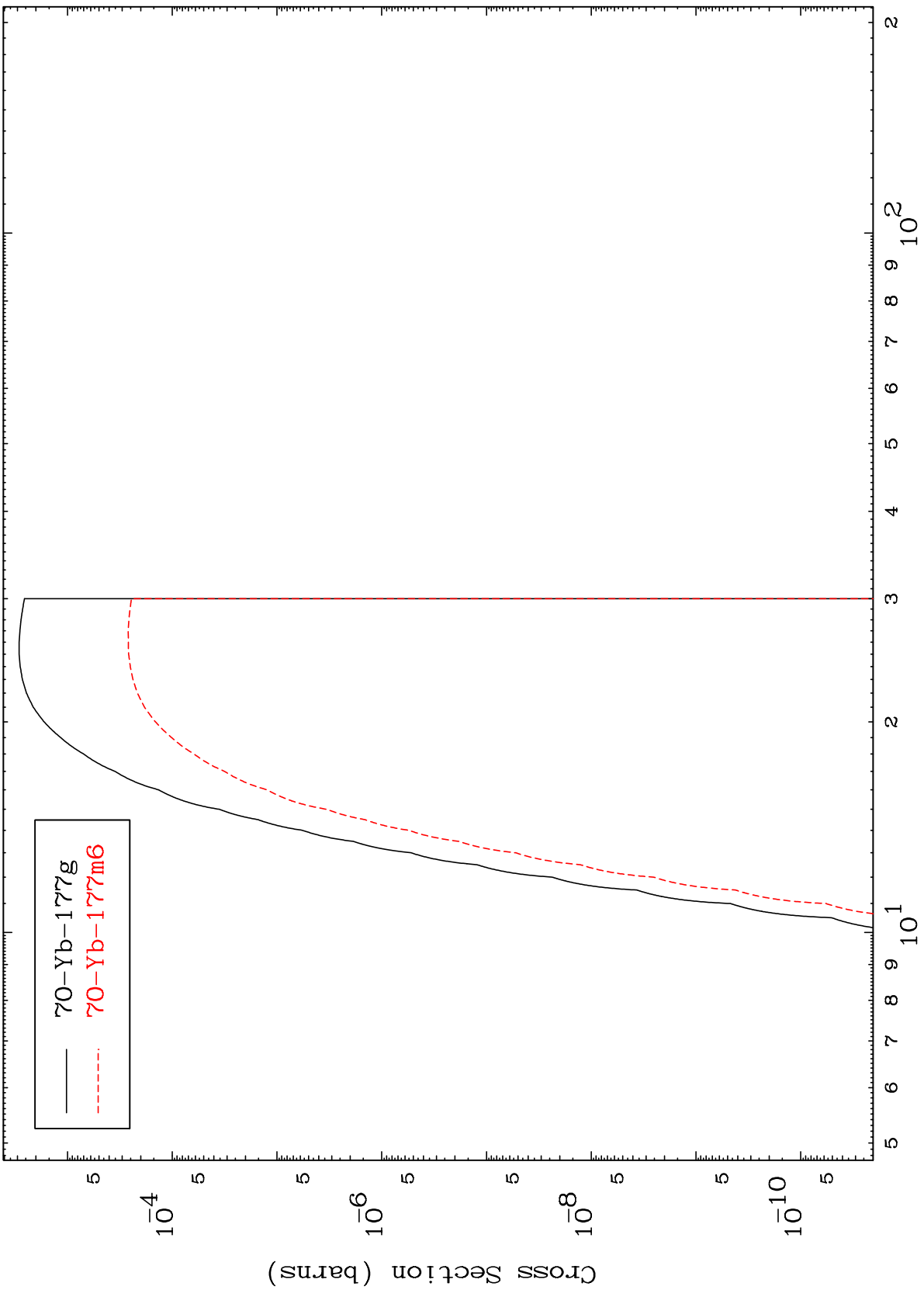
Radionuclide Production Cross Section



MAT 7137

71-Lu-179

Radionuclide Production Cross Section



88

Incident Energy (MeV)

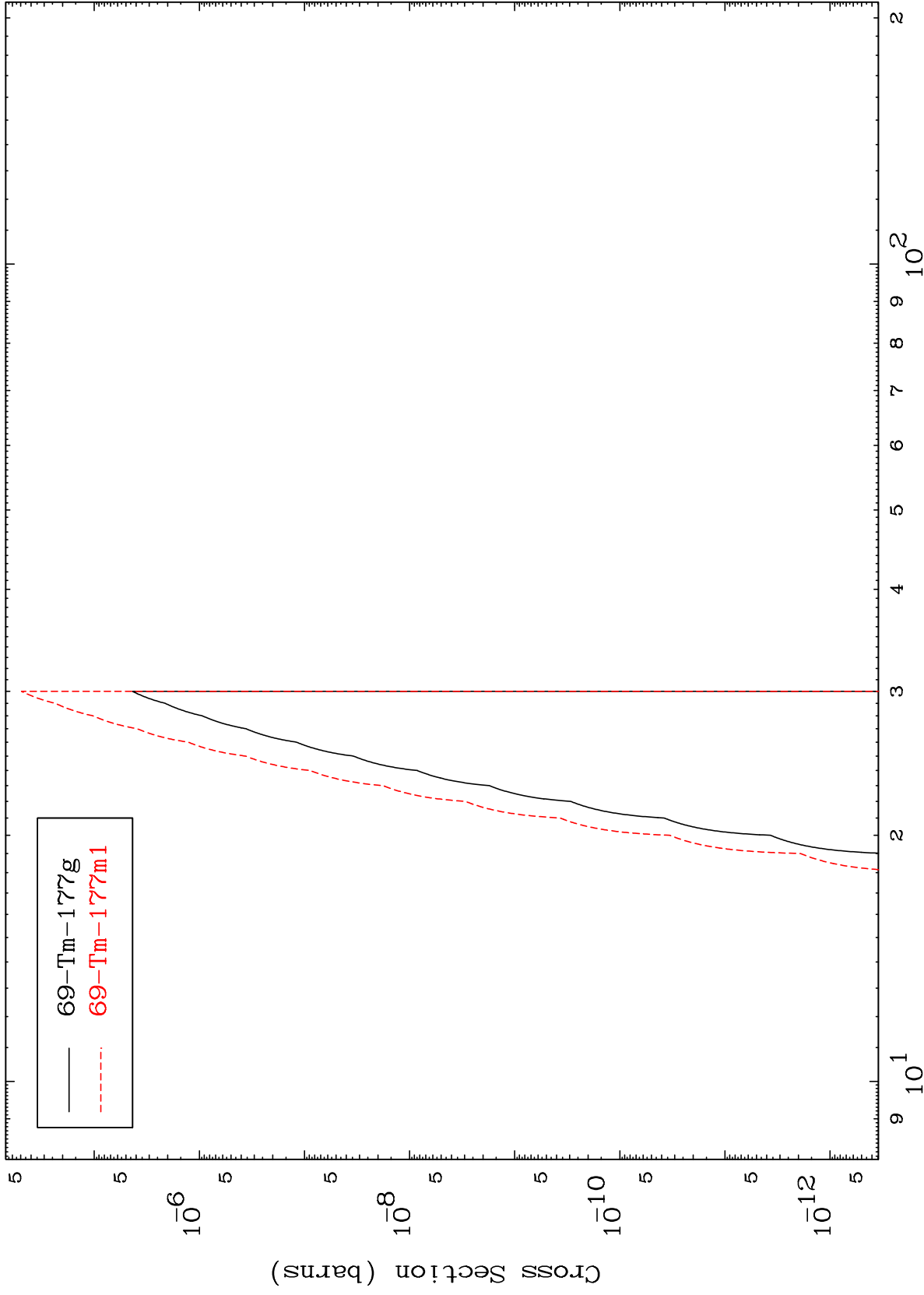
71-Lu-179

MAT 7137

(n,He-3)

71-Lu-179

Radionuclide Production Cross Section



89

Incident Energy (MeV)

71-Lu-179