

Program EVALPLOT
(Version 2018-1)

by

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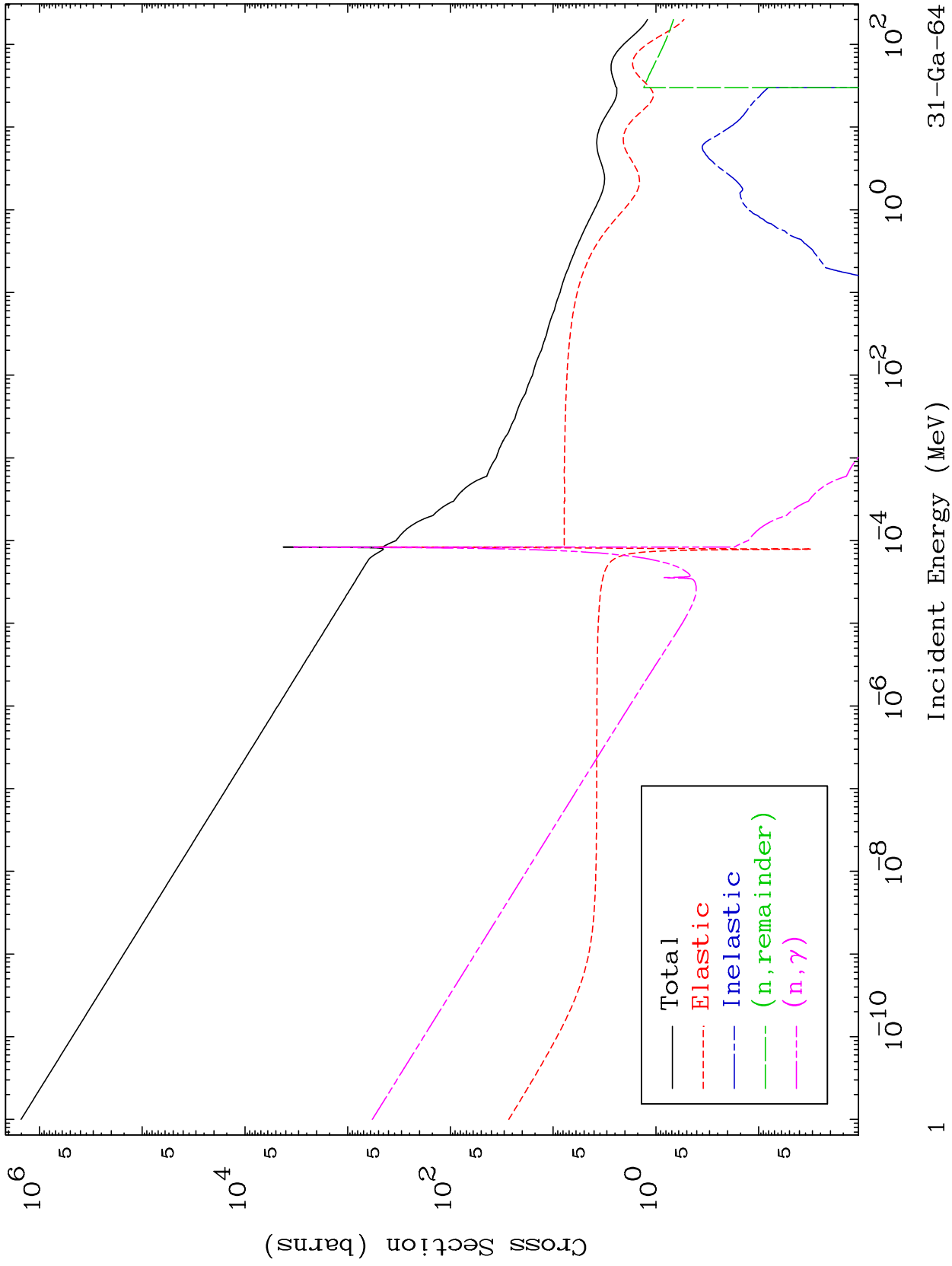
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3110

Major
293 Kelvin Cross Sections

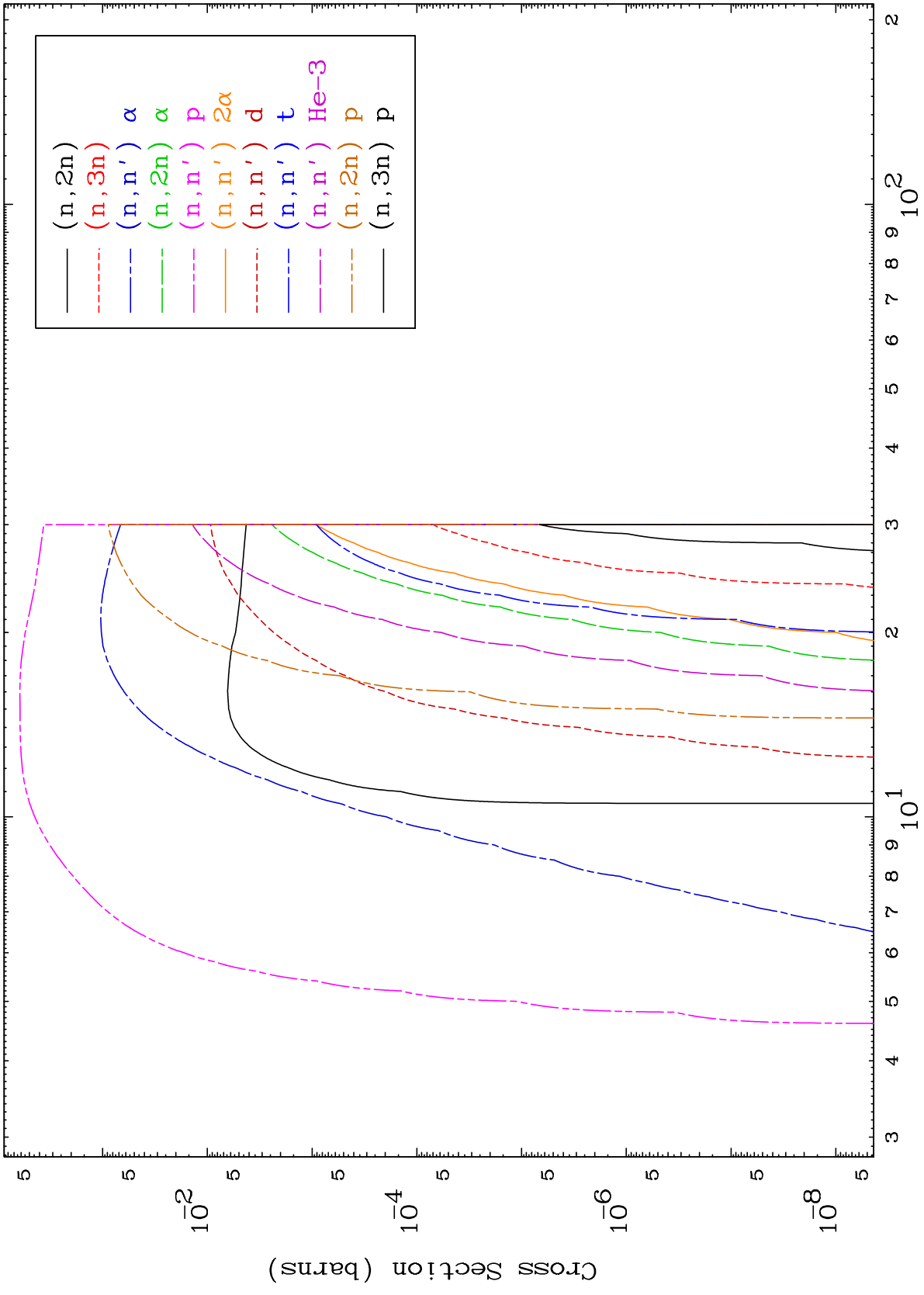
31-Ga-64



MAT 3110

Neutron Production 293 Kelvin Cross Sections

31-Ga-64



2

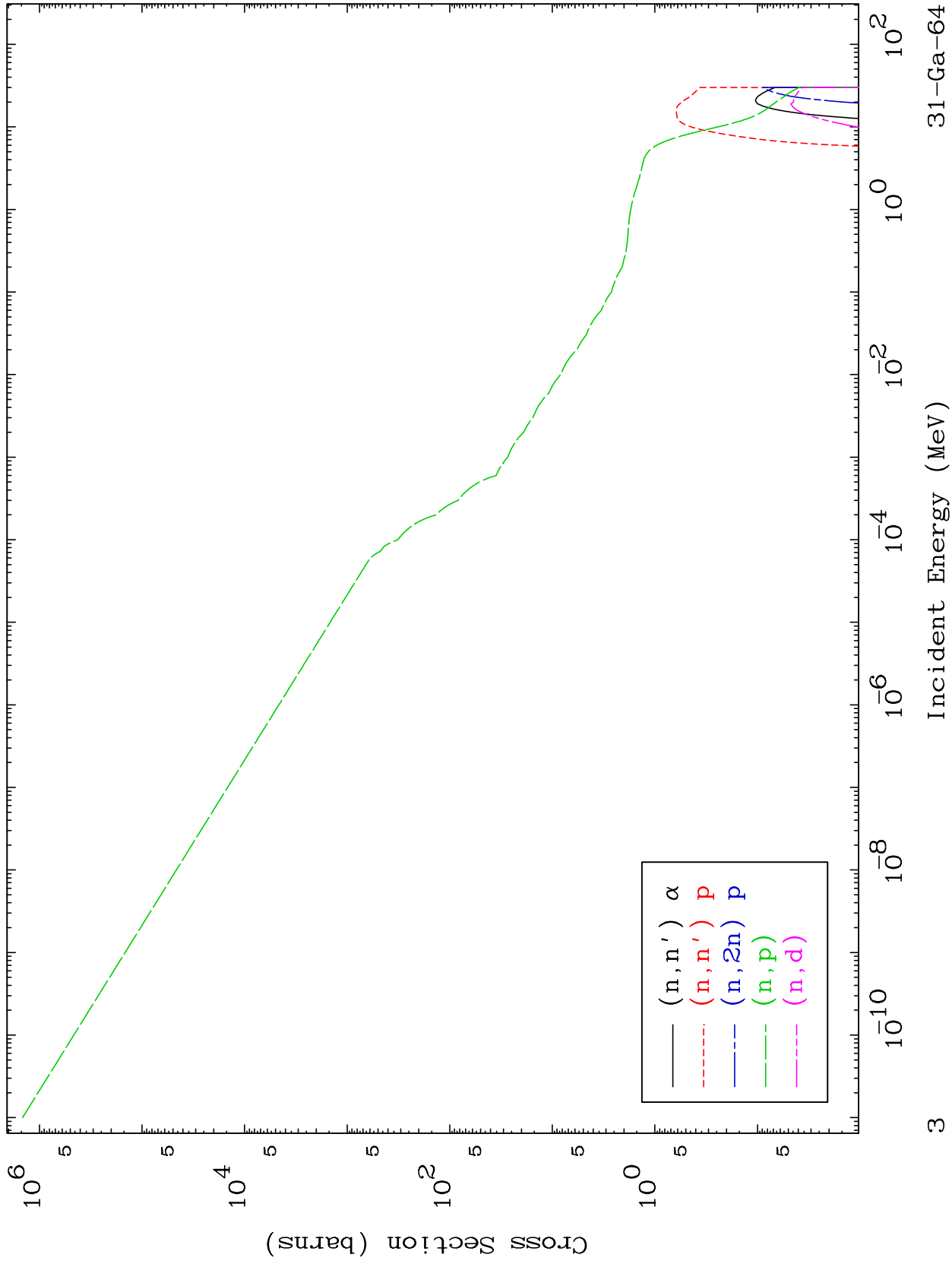
Incident Energy (MeV)

31-Ga-64

MAT 3110

Charged Particle
293 Kelvin Cross Sections

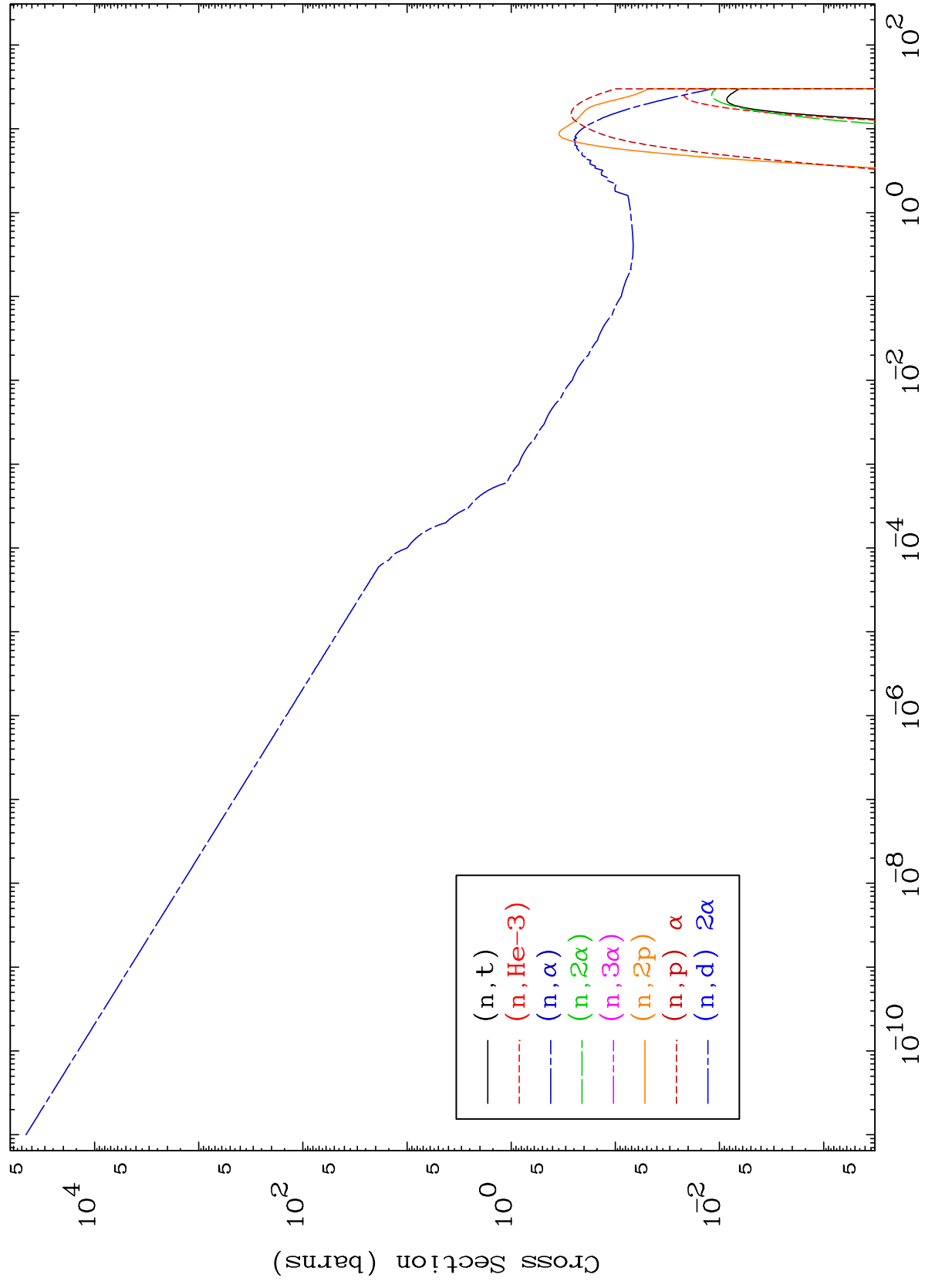
31-Ga-64



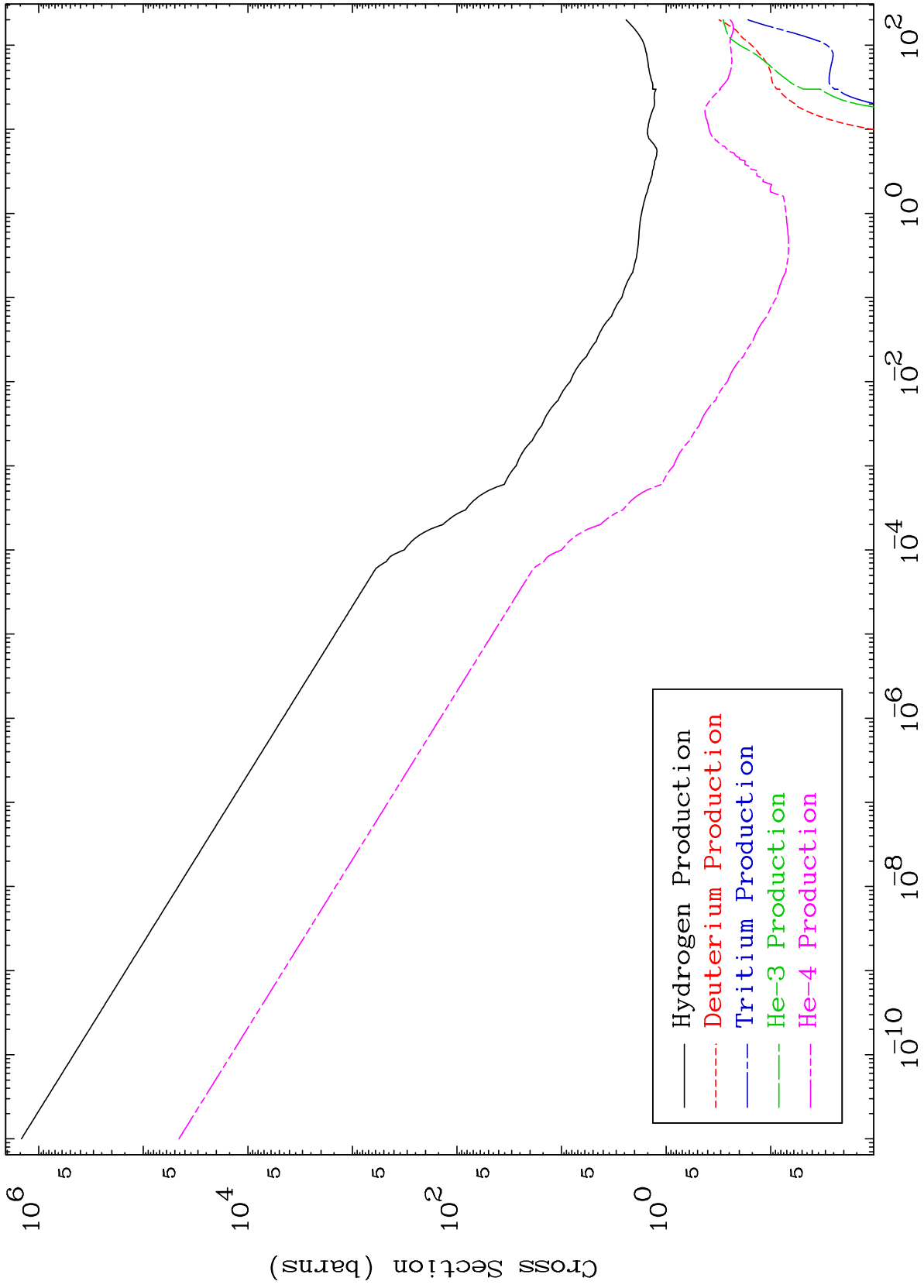
MAT 3110

Charged Particle
293 Kelvin Cross Sections

31-Ga-64



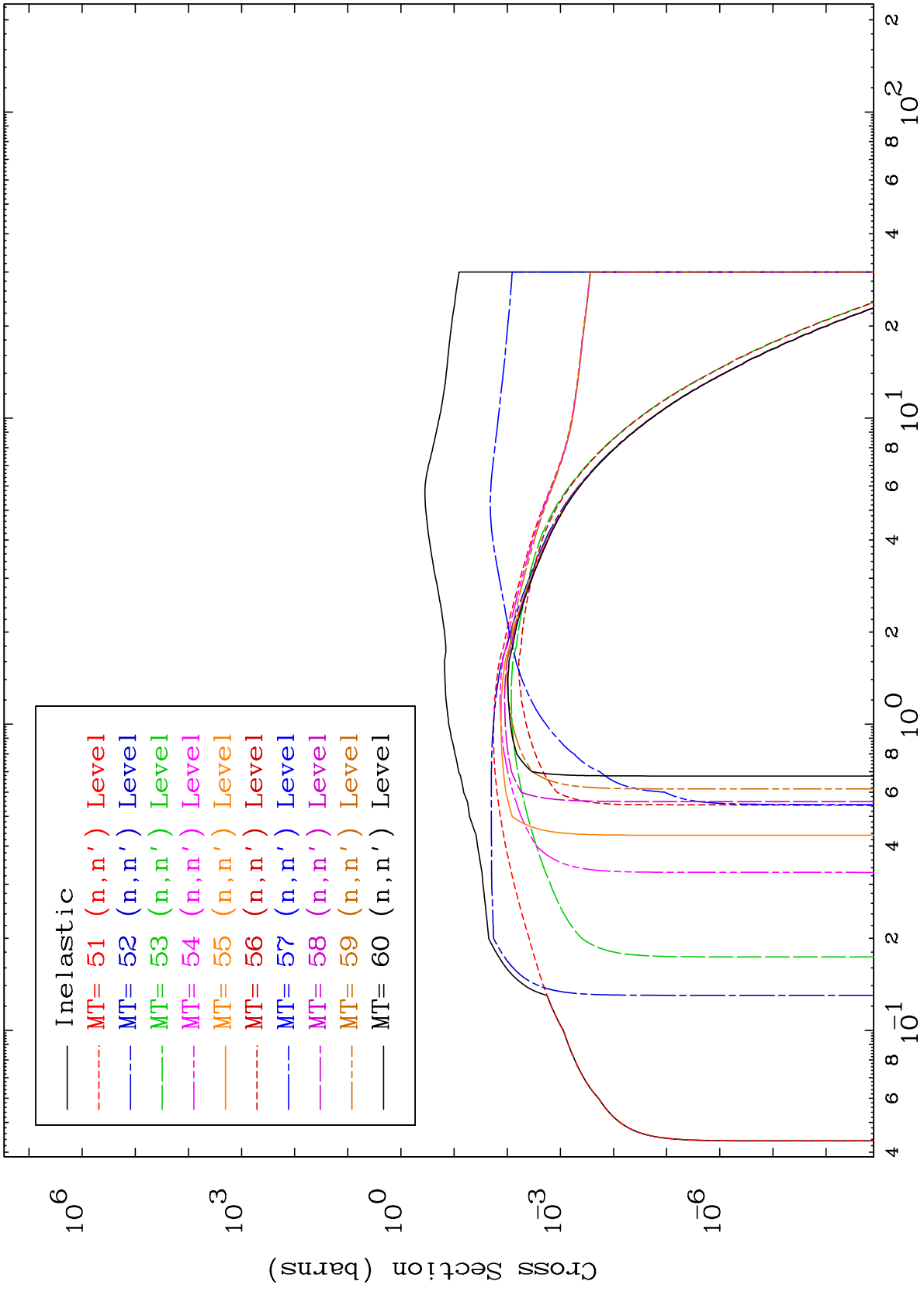
31-Ga-64



MAT 3110

(n,n') Level
293 Kelvin Cross Sections

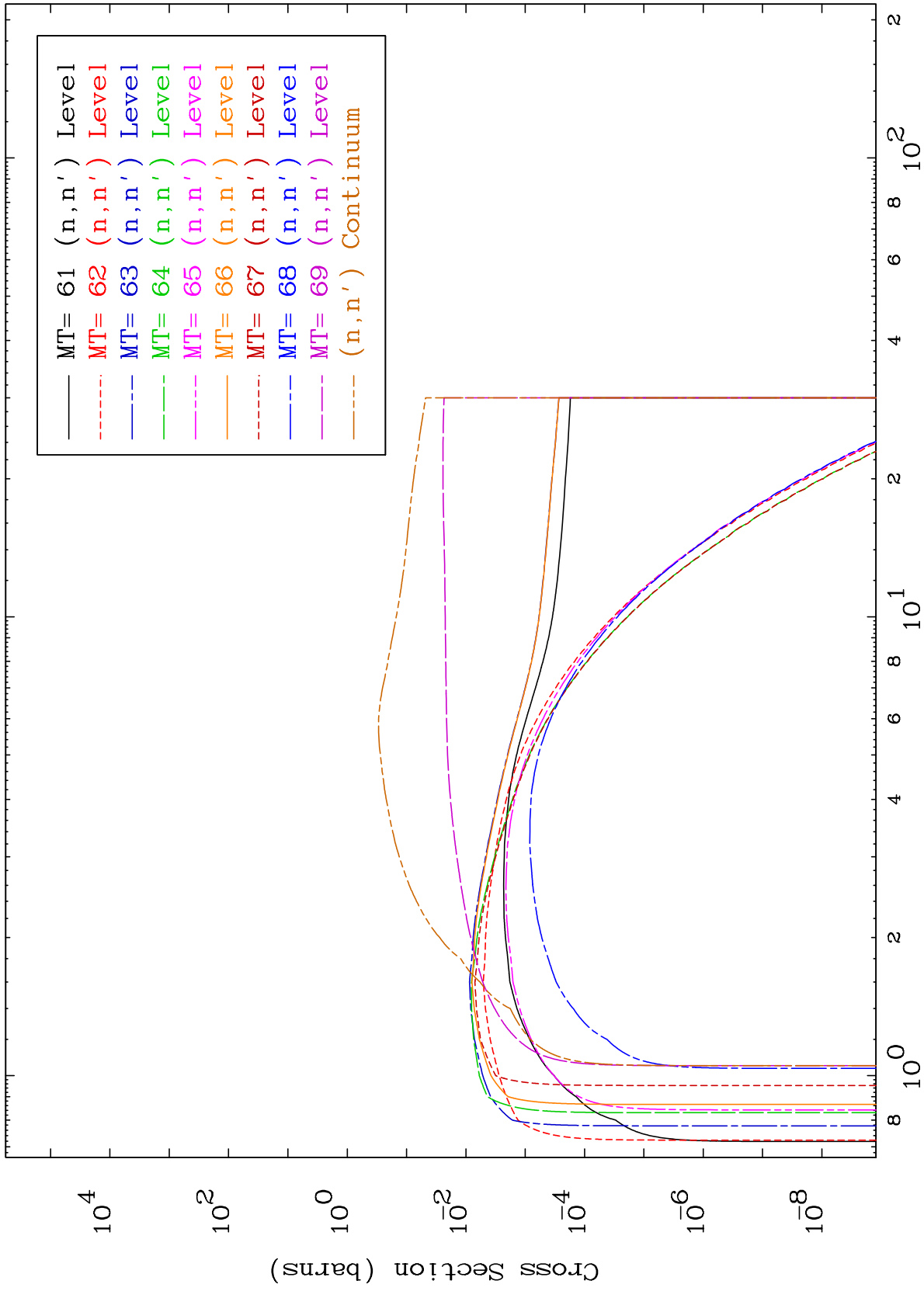
31-Ga-64



MAT 3110

(n,n') Level
293 Kelvin Cross Sections

31-Ga-64



7

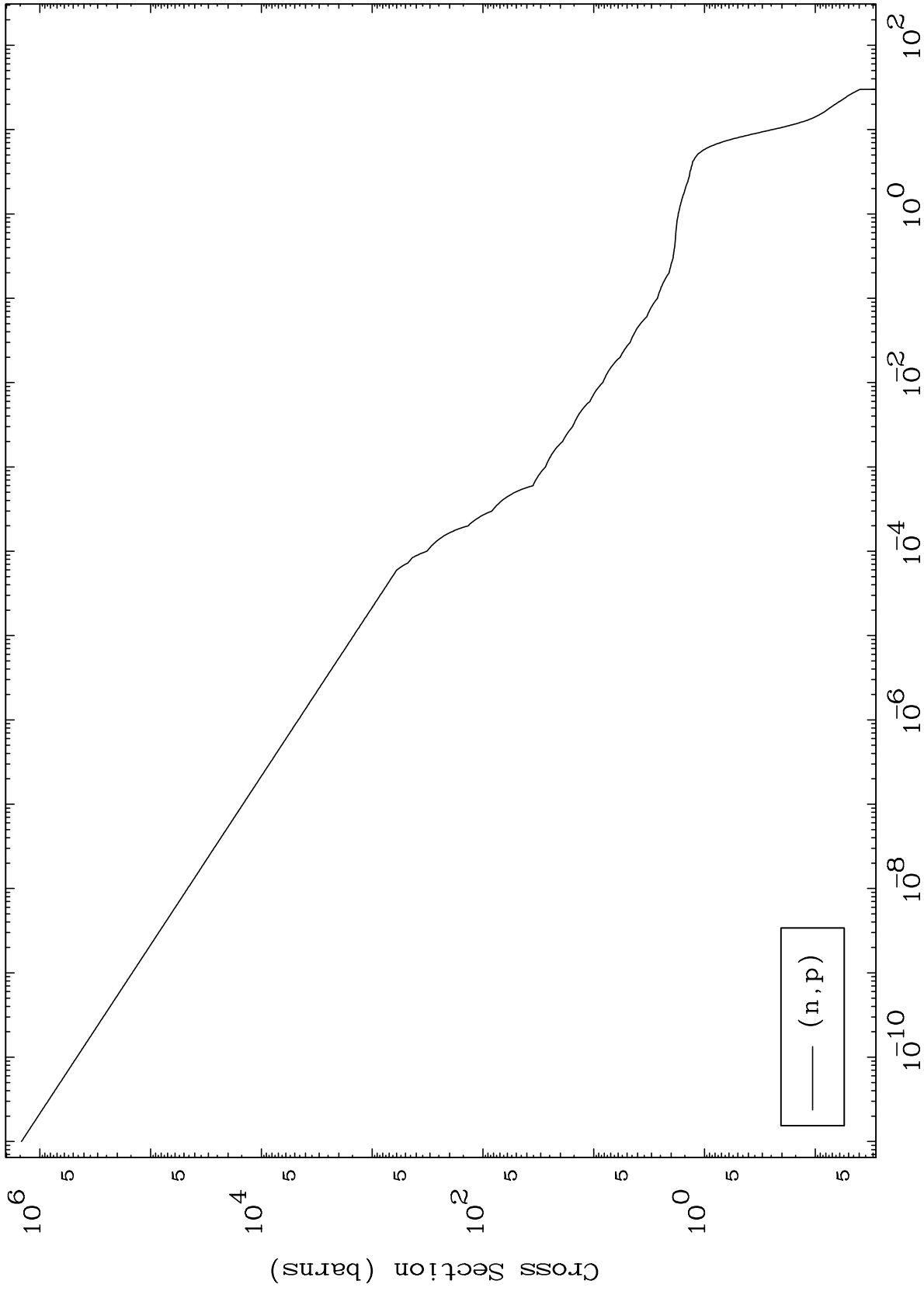
Incident Energy (MeV)

31-Ga-64

MAT 3110

(n,p) Levels
293 Kelvin Cross Sections

31-Ga-64



8

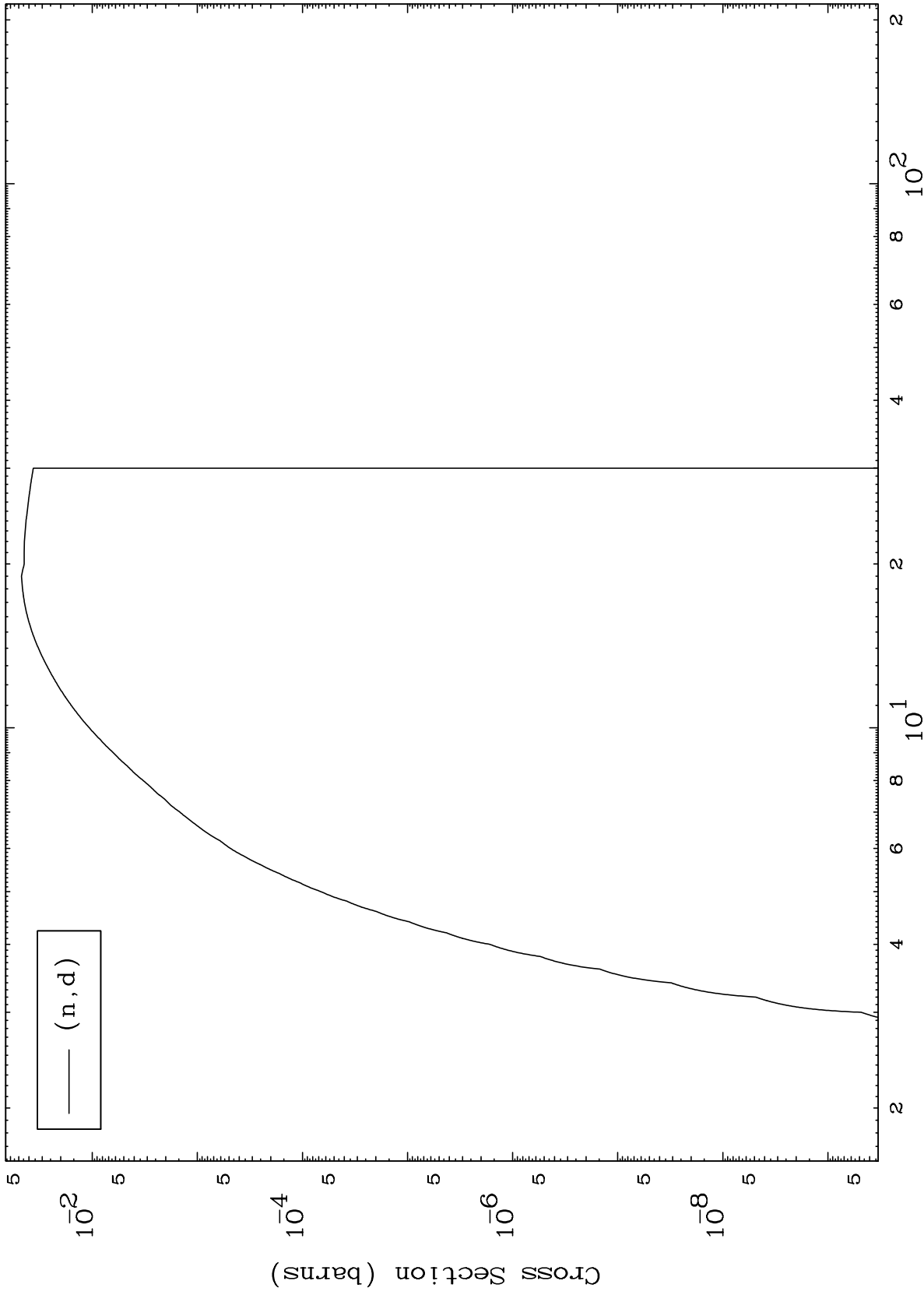
Incident Energy (MeV)

31-Ga-64

MAT 3110

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-64



9

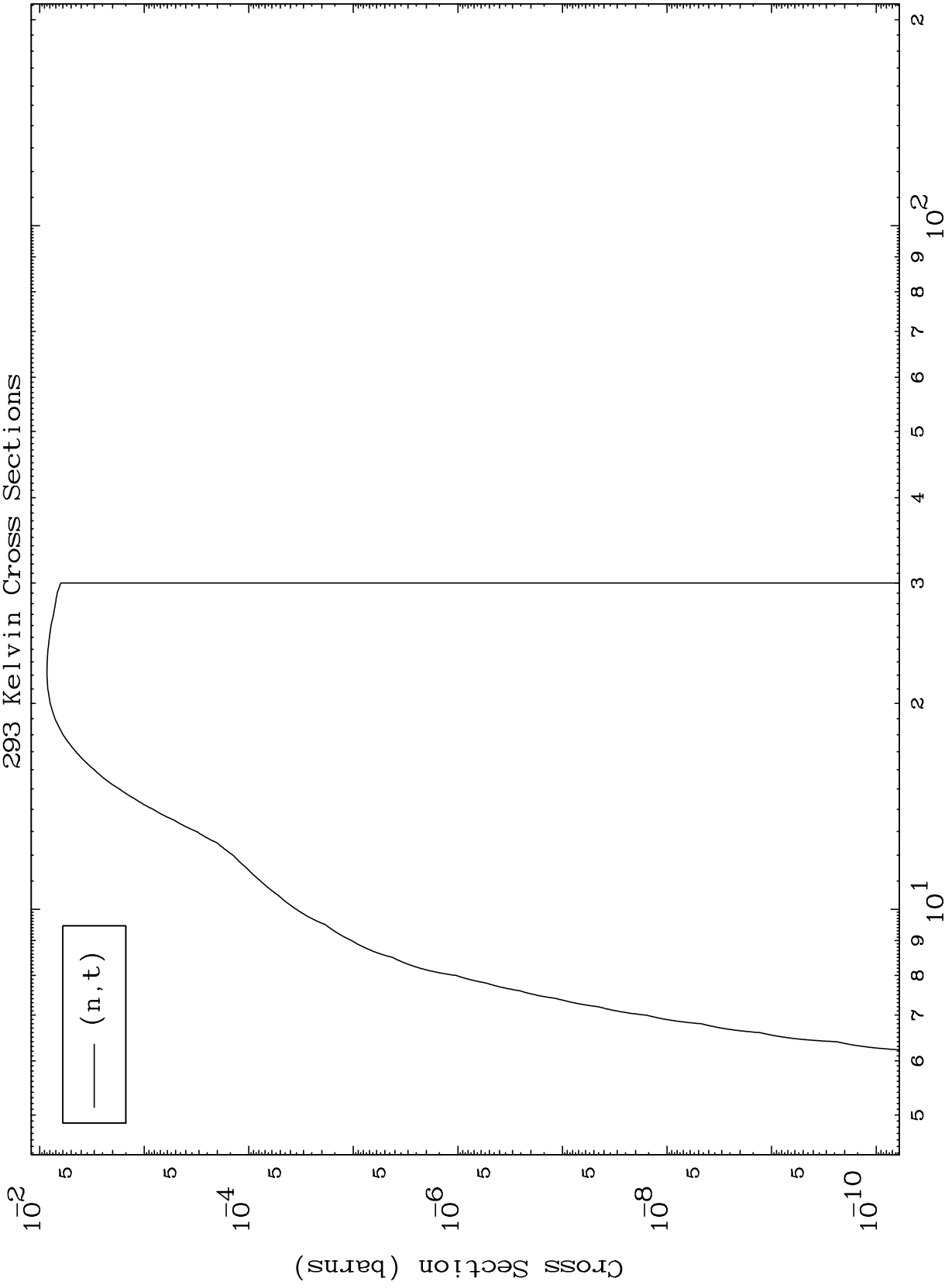
Incident Energy (MeV)

31-Ga-64

MAT 3110

(n,t) Levels
293 Kelvin Cross Sections

31-Ga-64



10

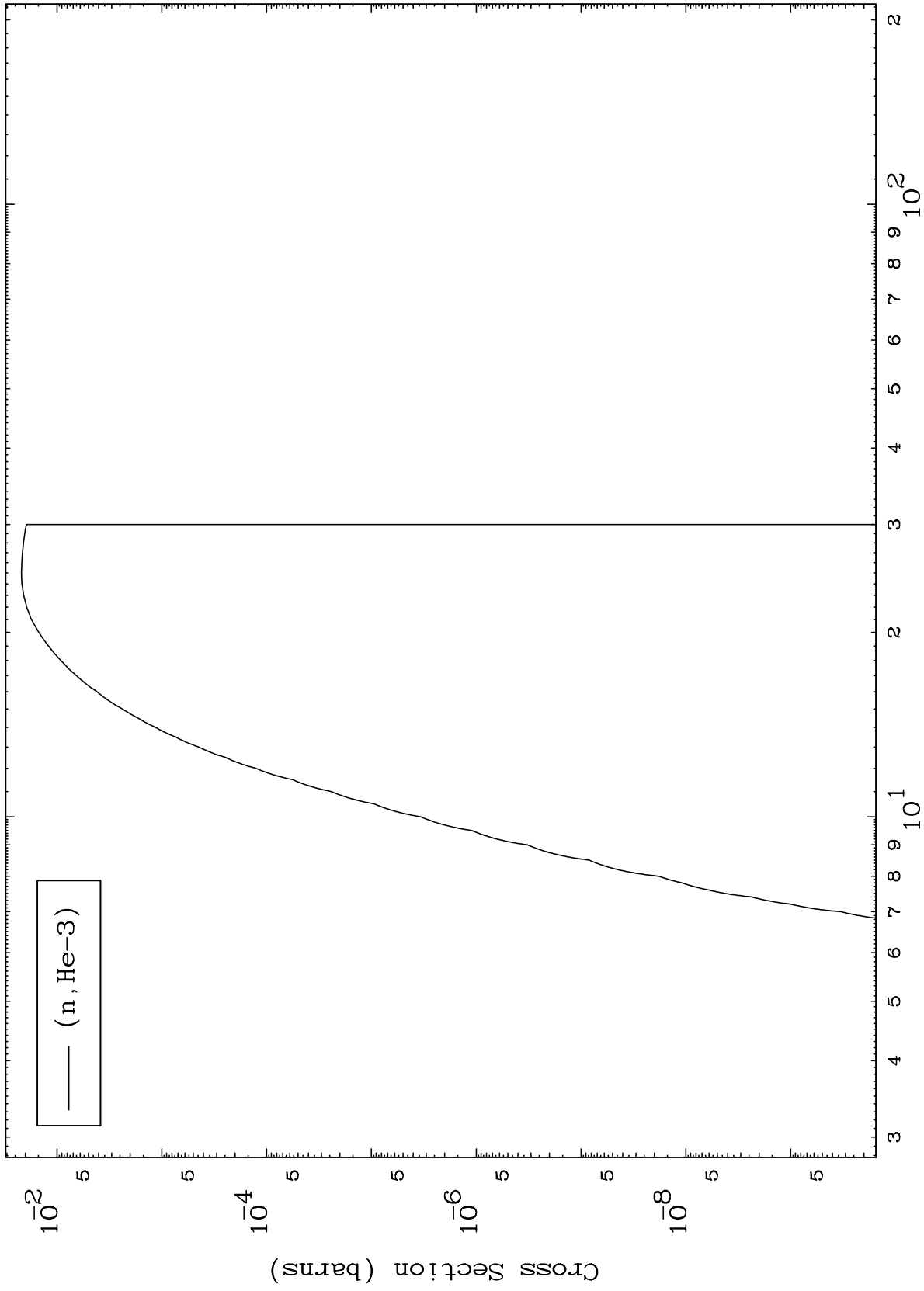
Incident Energy (MeV)

31-Ga-64

MAT 3110

31-Ga-64

(n,He3) Levels
293 Kelvin Cross Sections



11

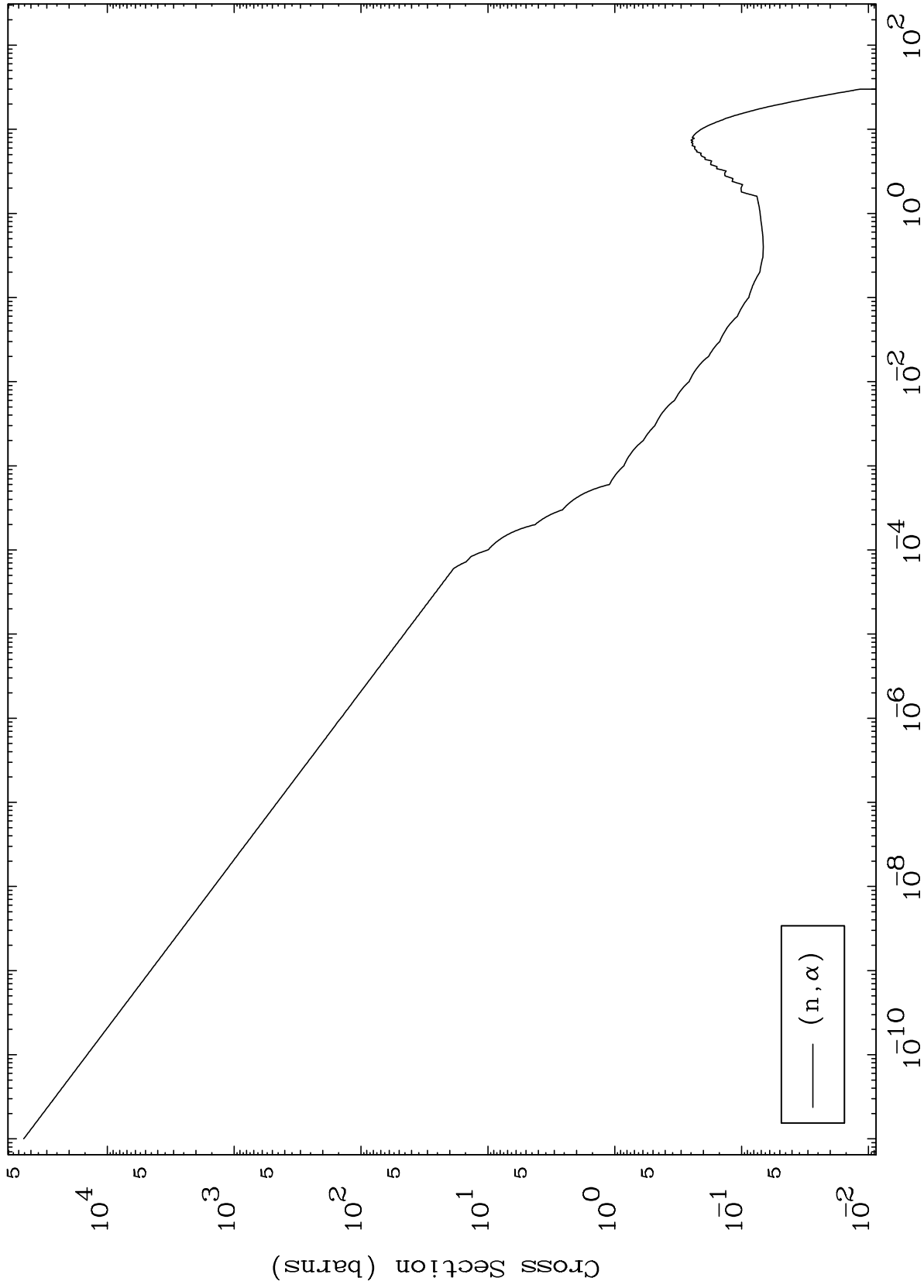
Incident Energy (MeV)

31-Ga-64

MAT 3110

(n,α) Levels
293 Kelvin Cross Sections

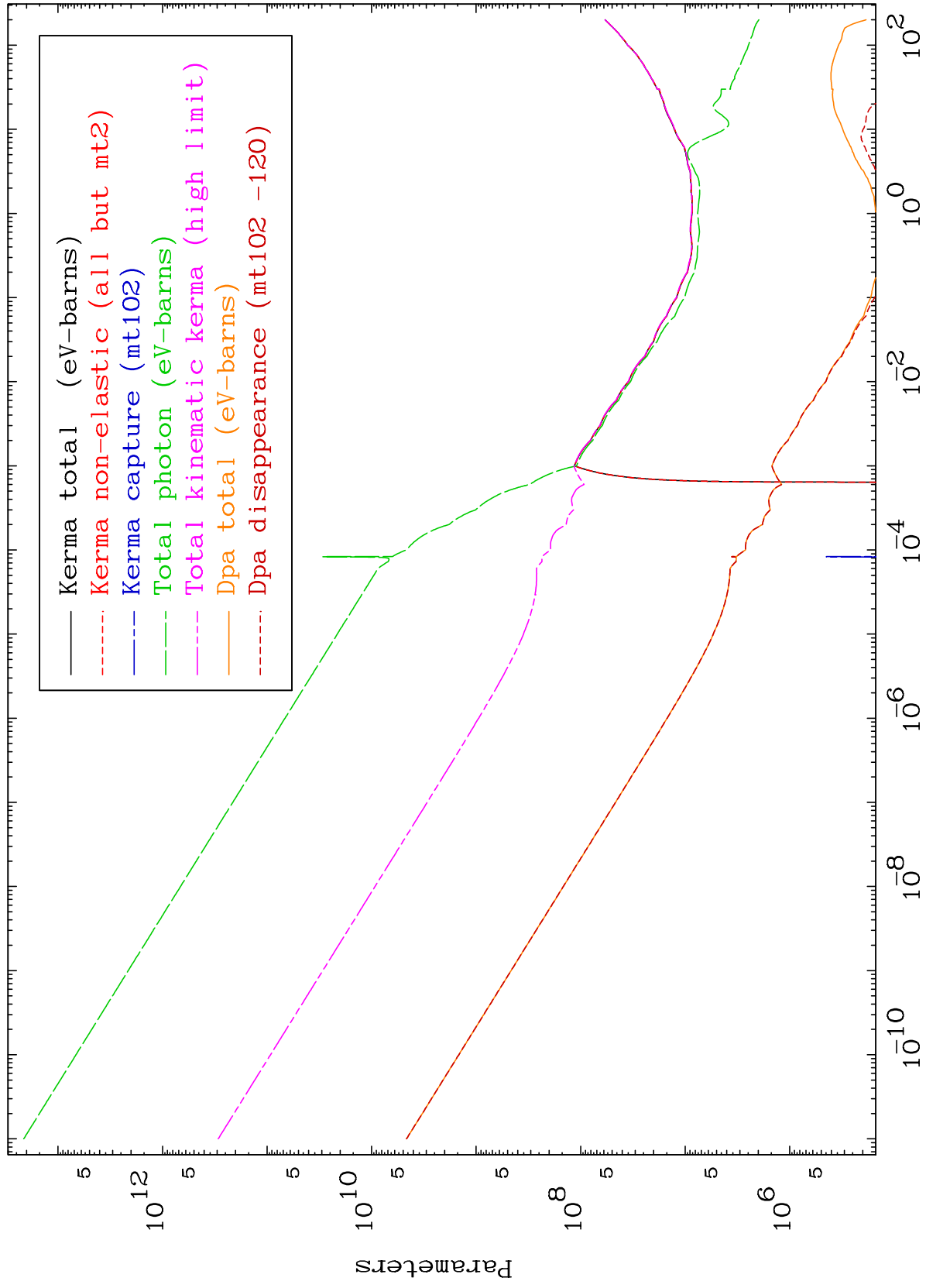
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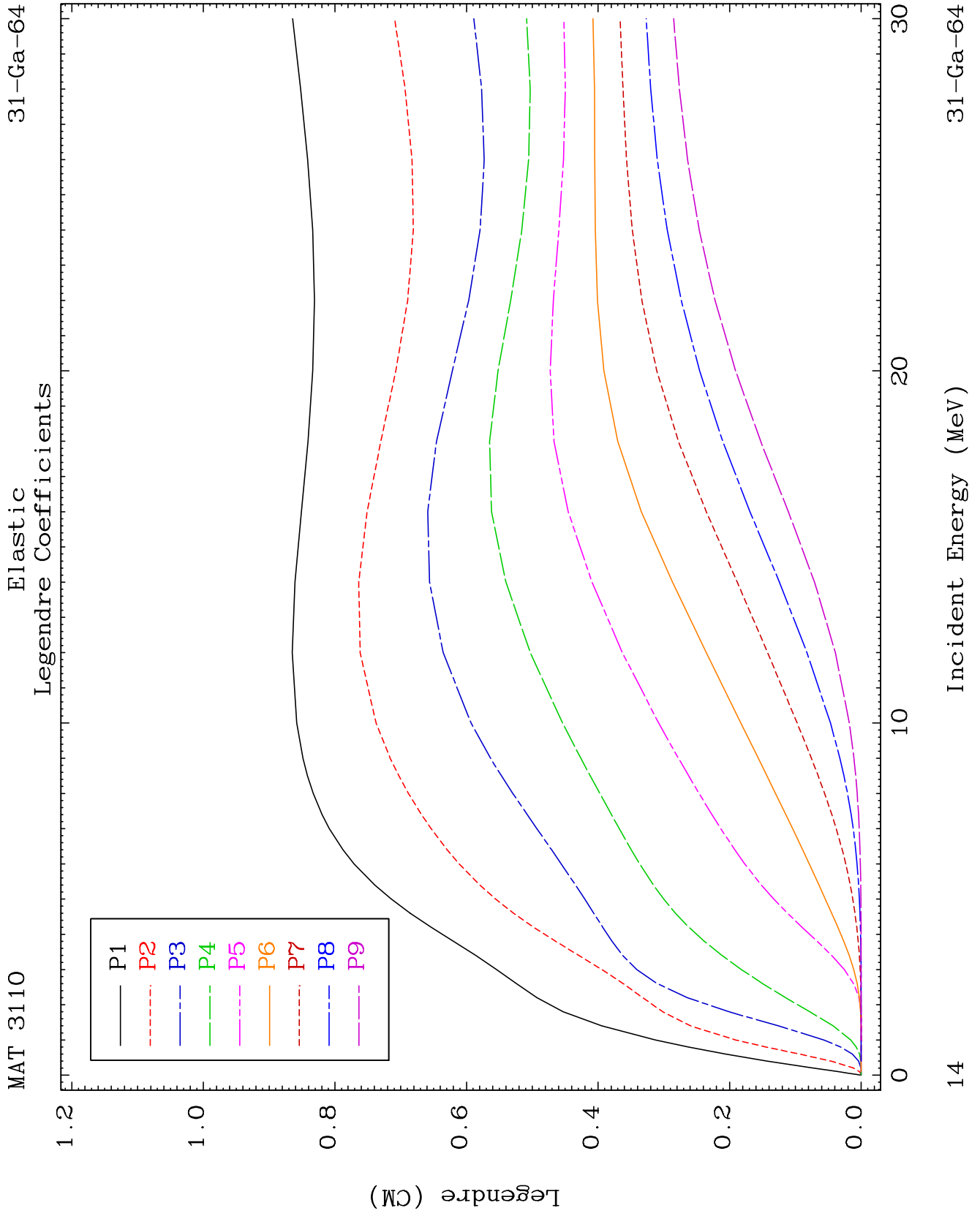


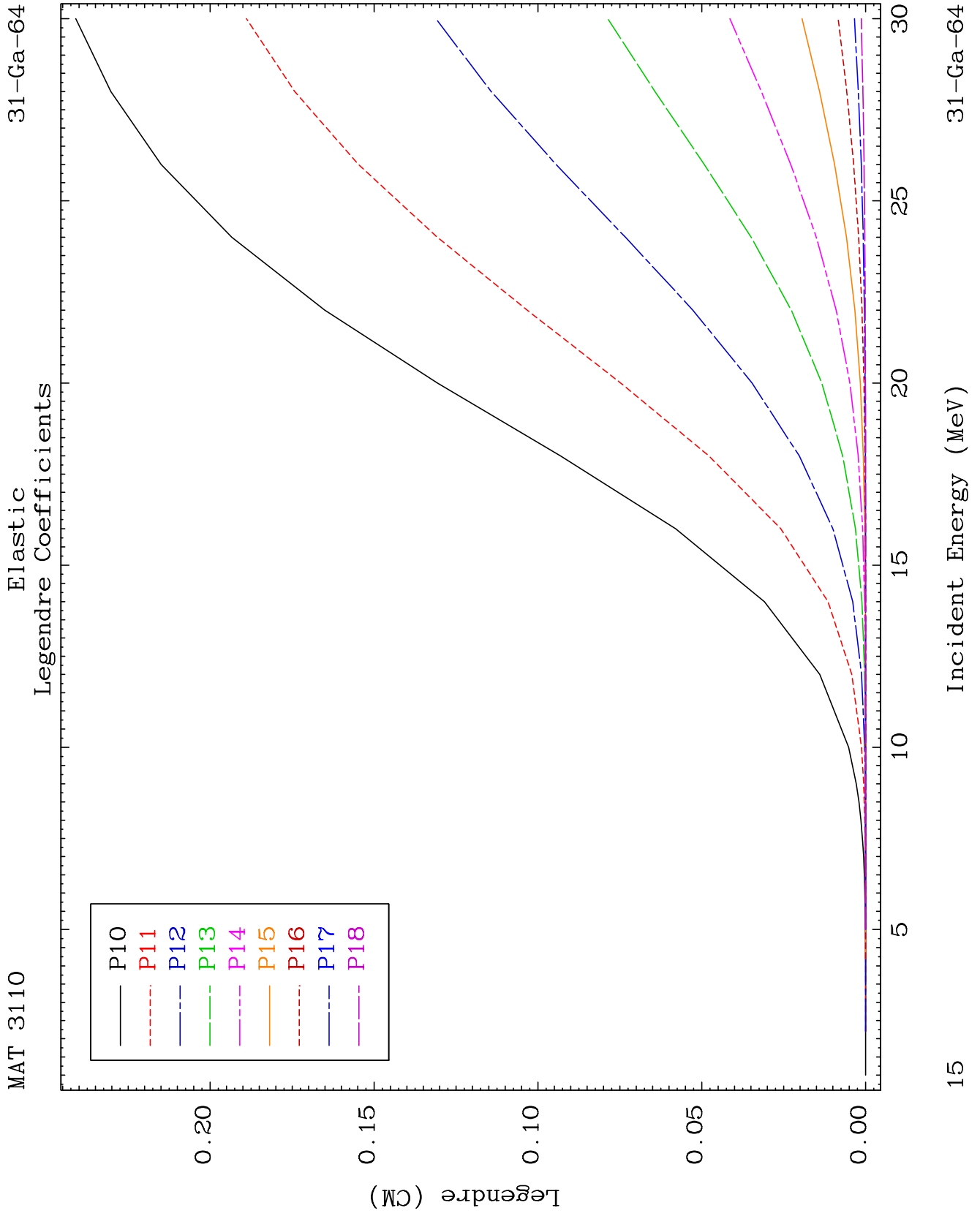
12

Incident Energy (MeV)

31-Ga-64



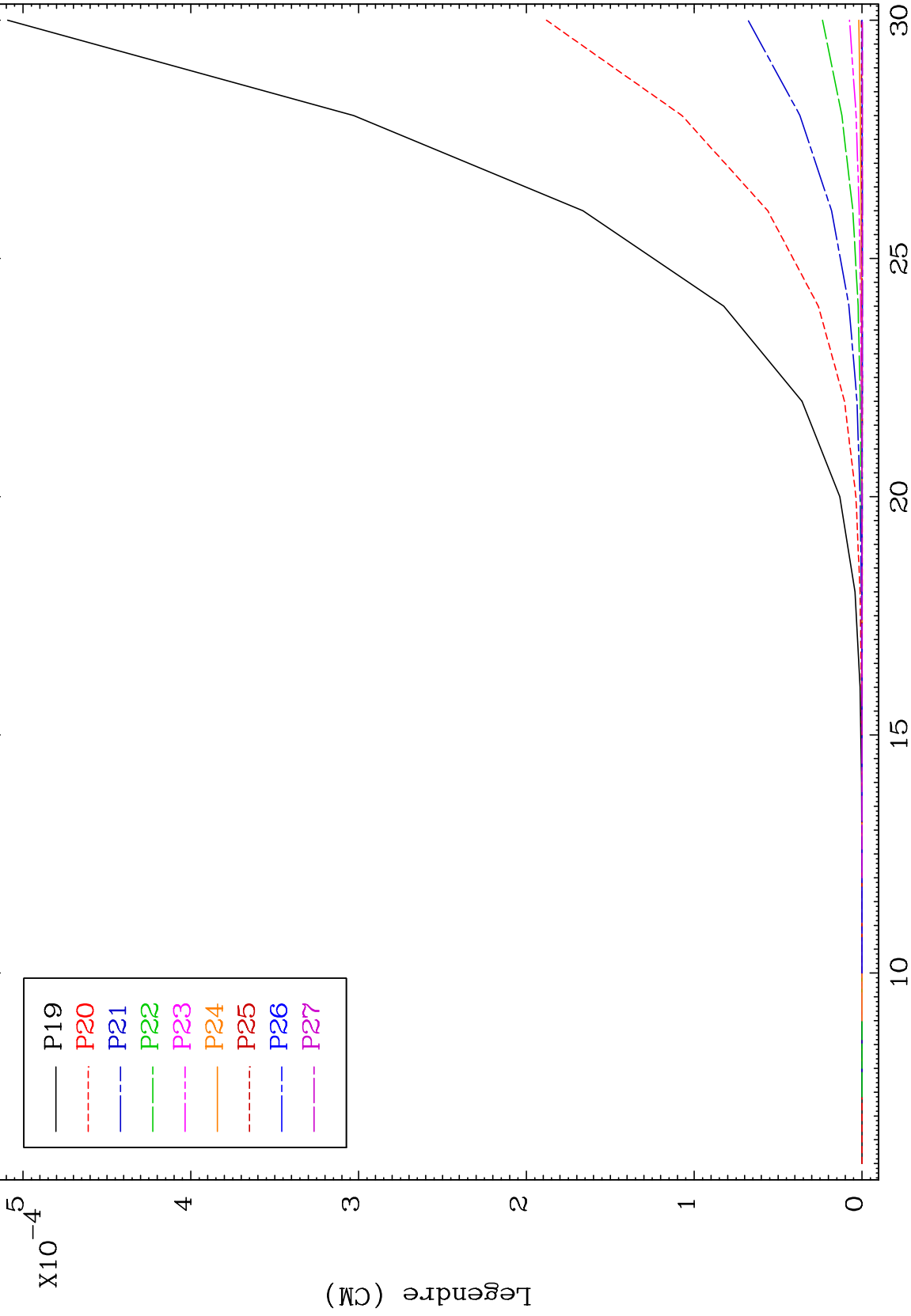




MAT 3110

Elastic Legendre Coefficients

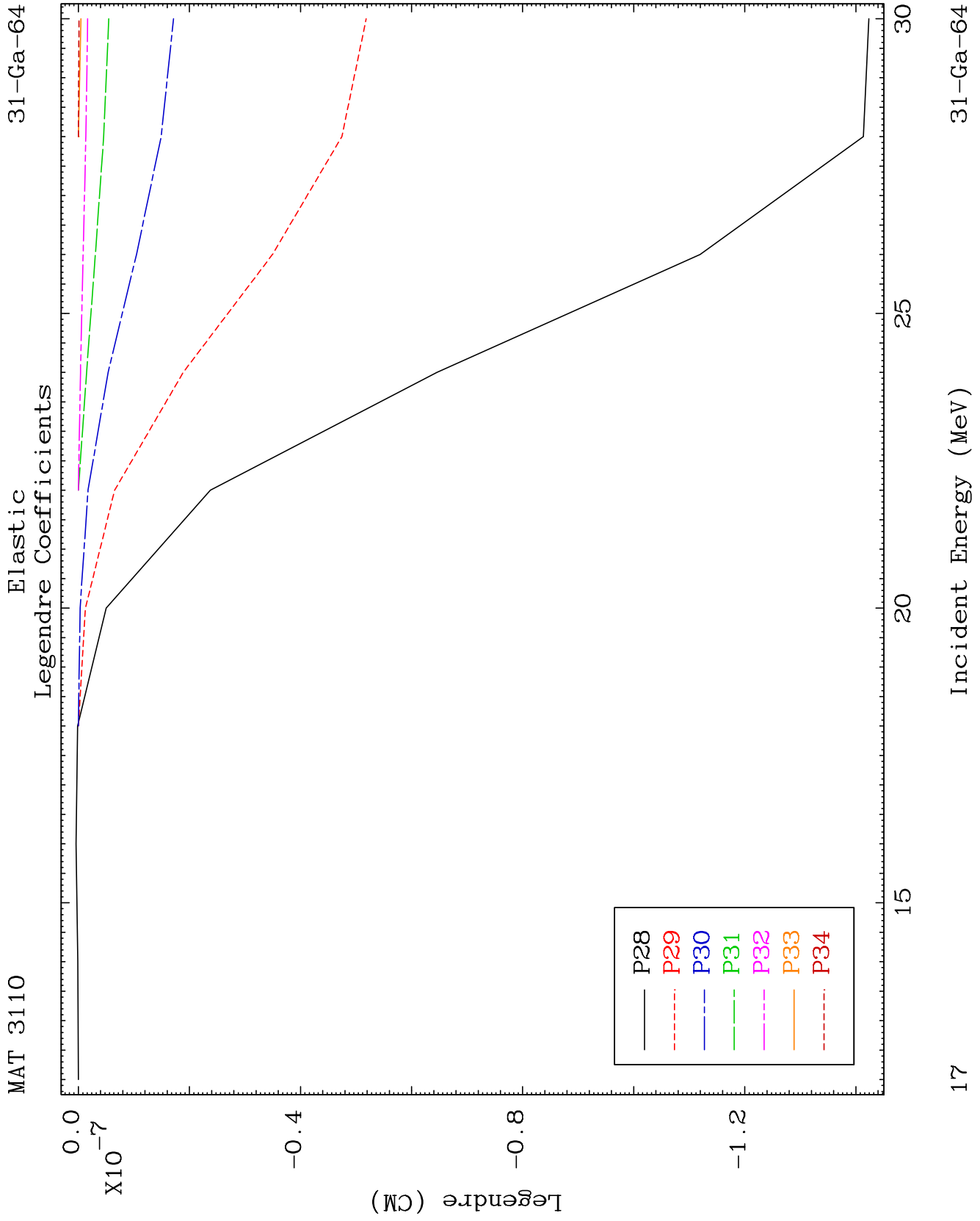
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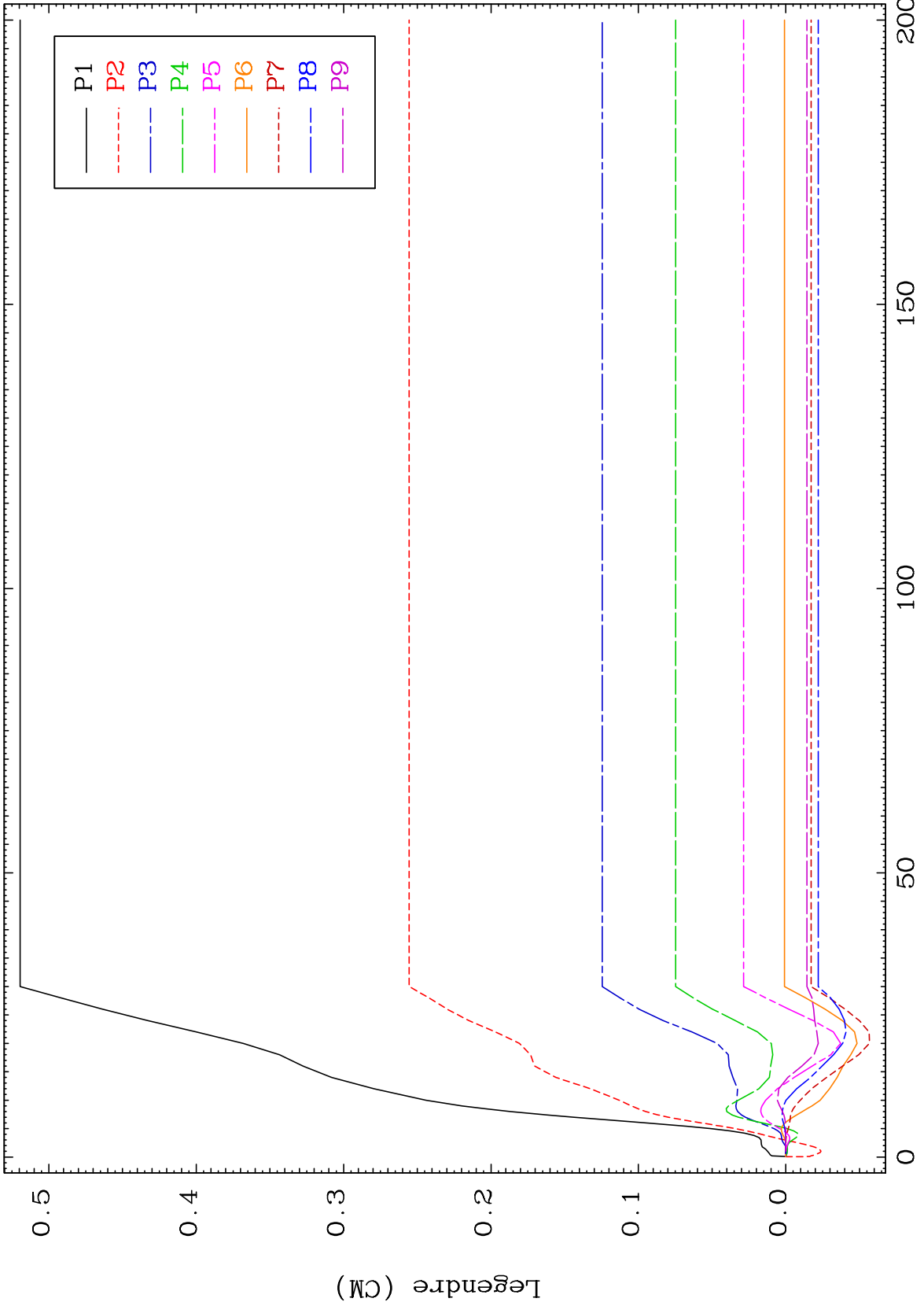
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Incident Energy (MeV)

31-Ga-64

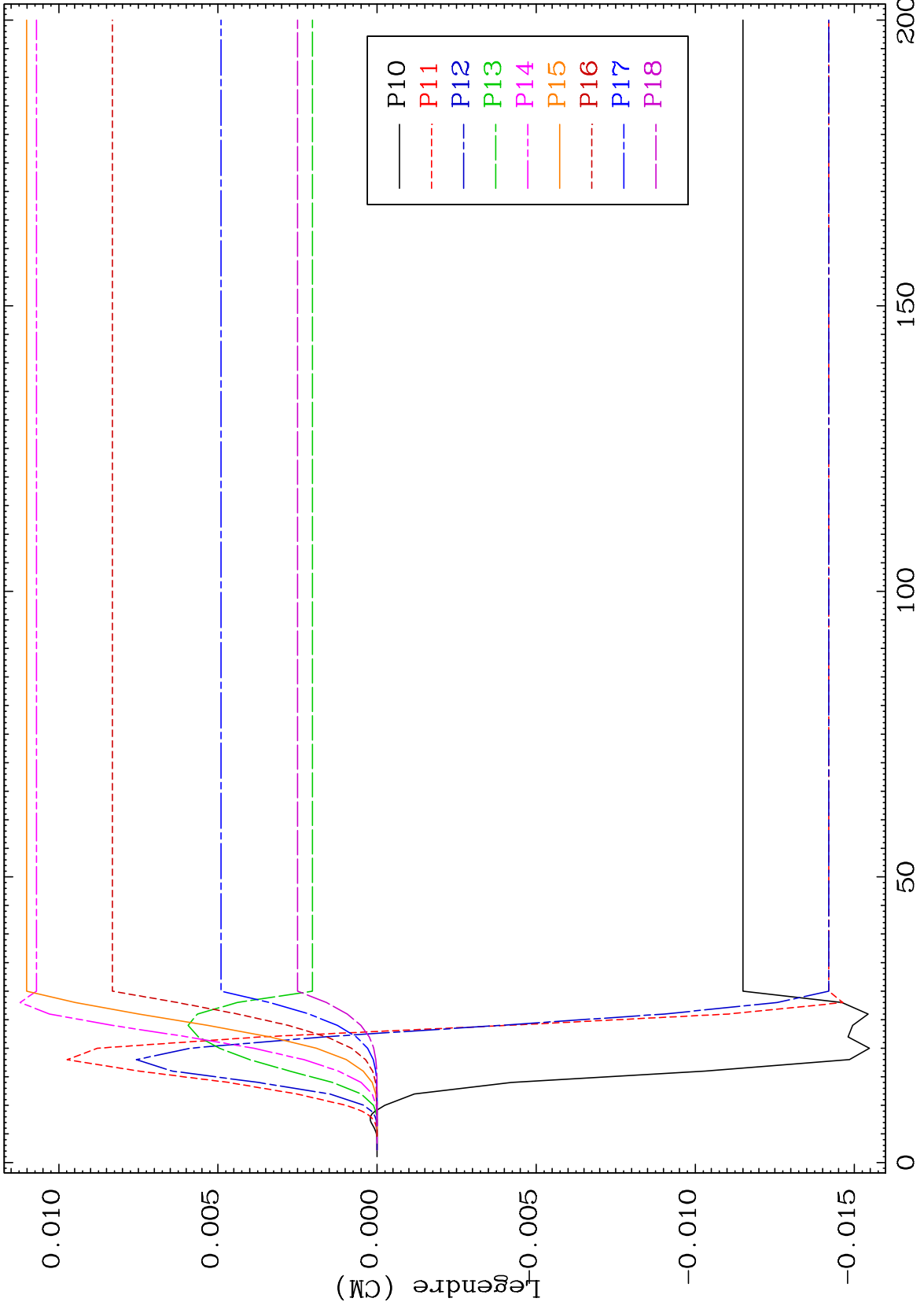


MAT 3110 MT= 51 (n, n') Level Legendre Coefficients 31-Ga-64



18 31-Ga-64

MAT 3110 MT= 51 (n,n') Level Legendre Coefficients 31-Ga-64

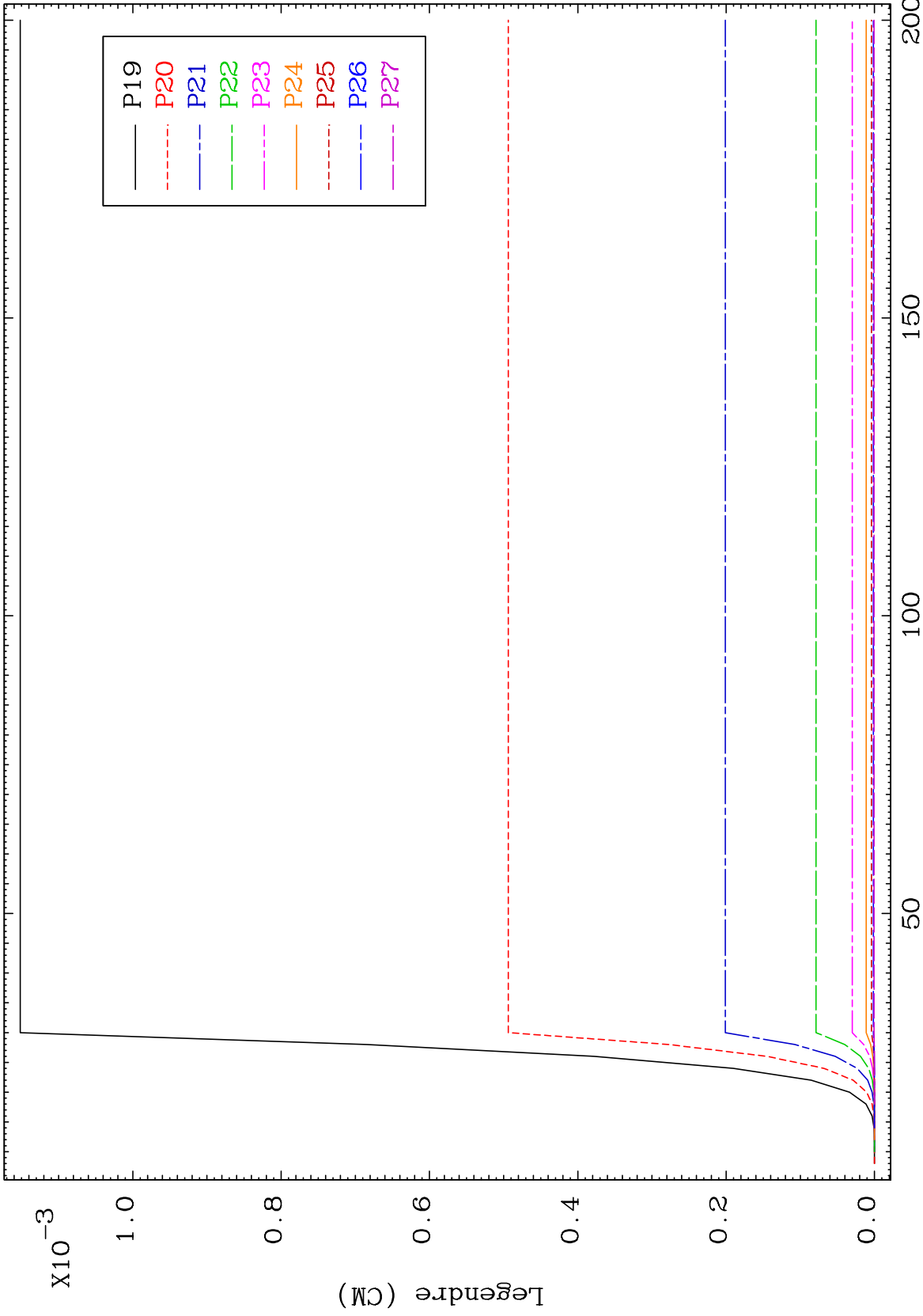


19 31-Ga-64

MAT 3110

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

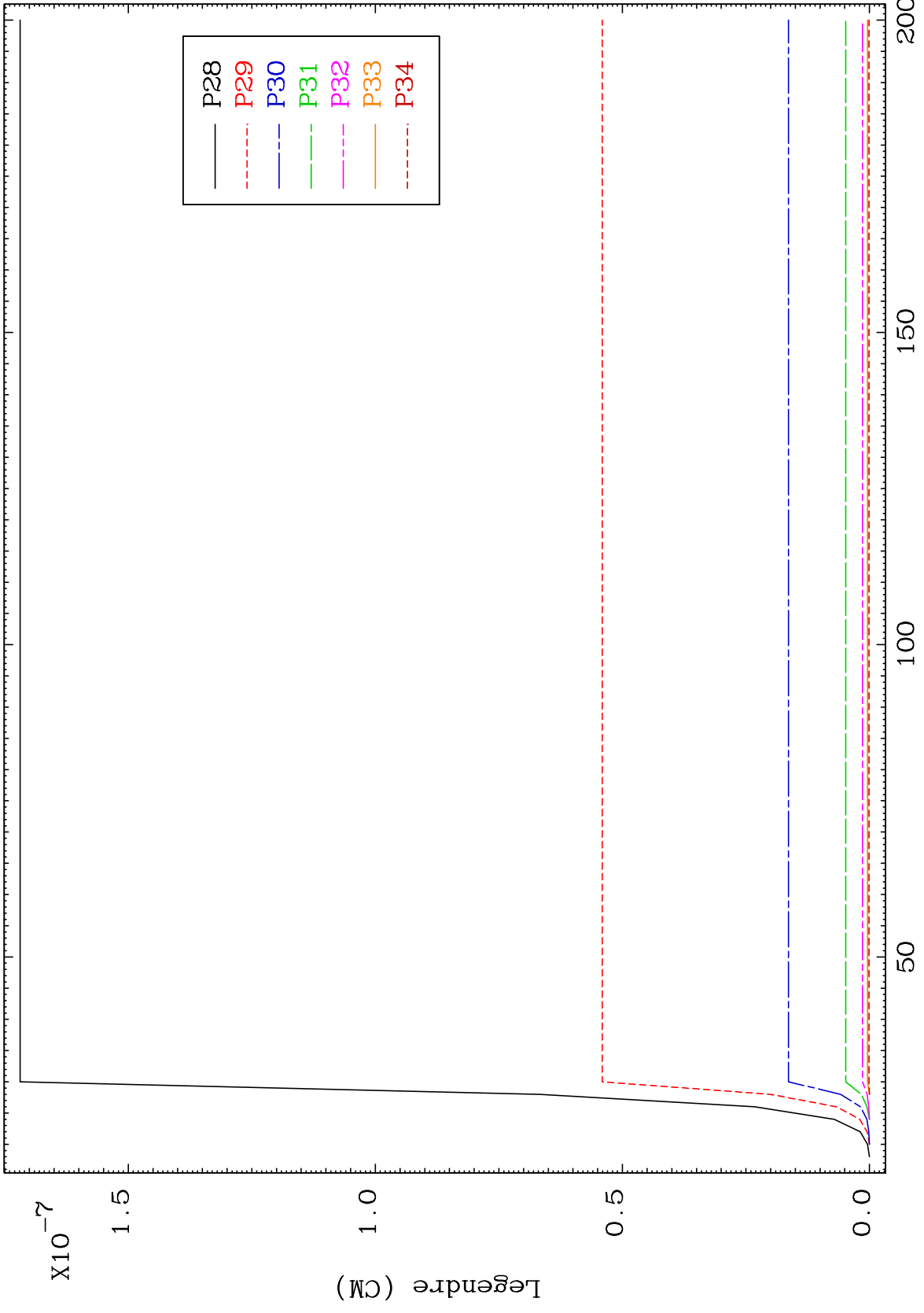
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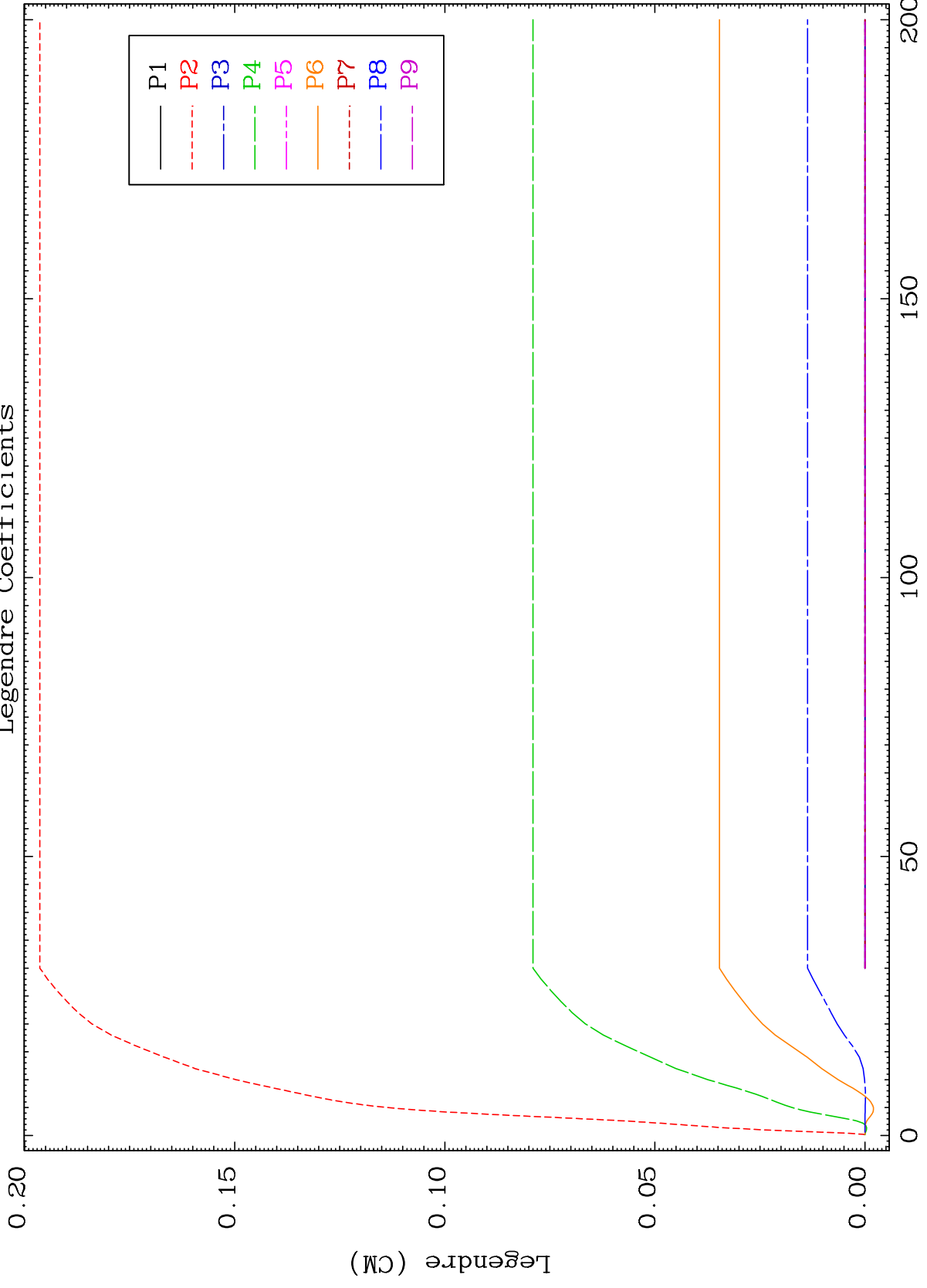
31-Ga-64

Incident Energy (MeV)

20



MAT 3110 MT= 52 (n,n') Level Legendre Coefficients 31-Ga-64

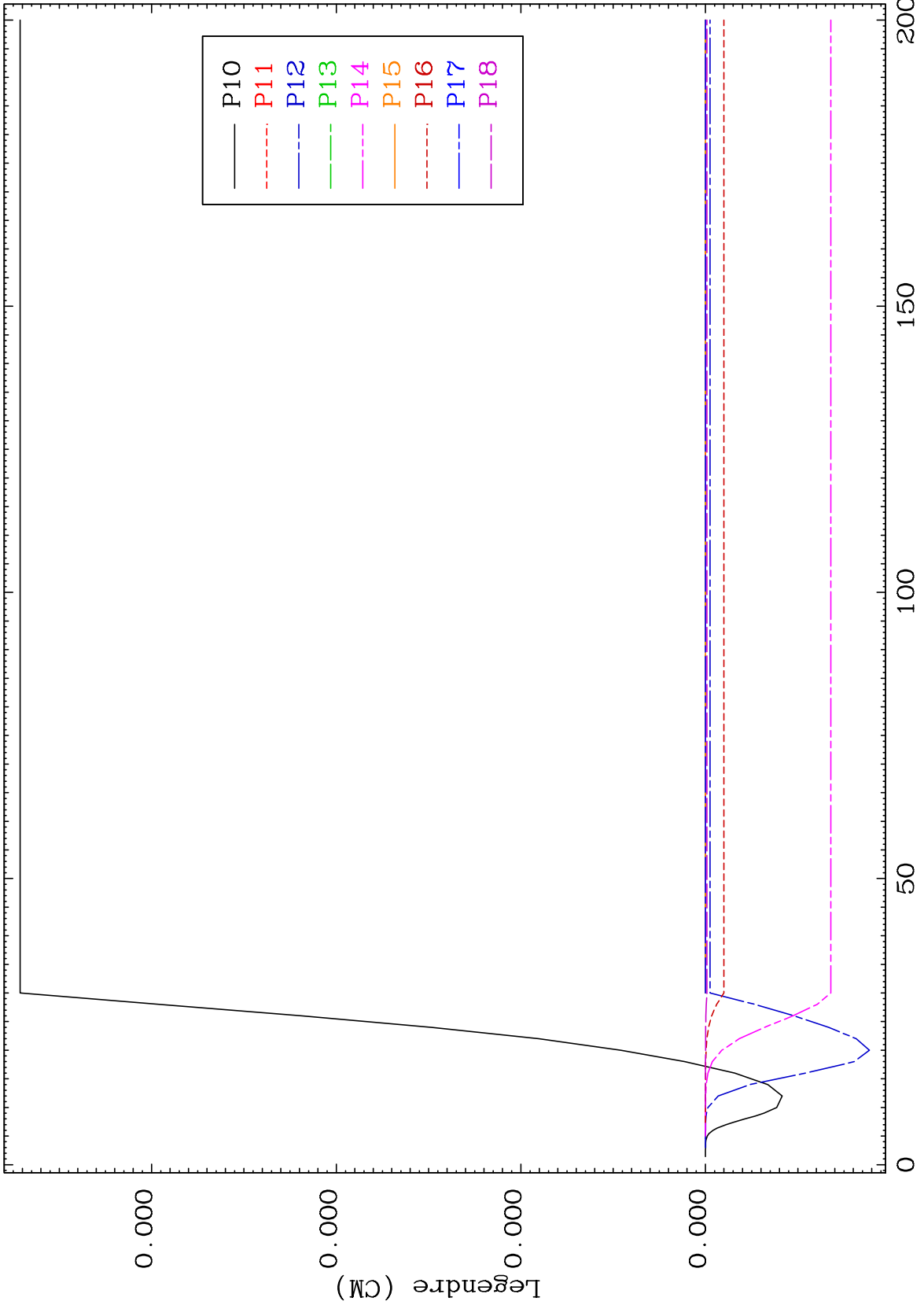


31-Ga-64

MAT 3110

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

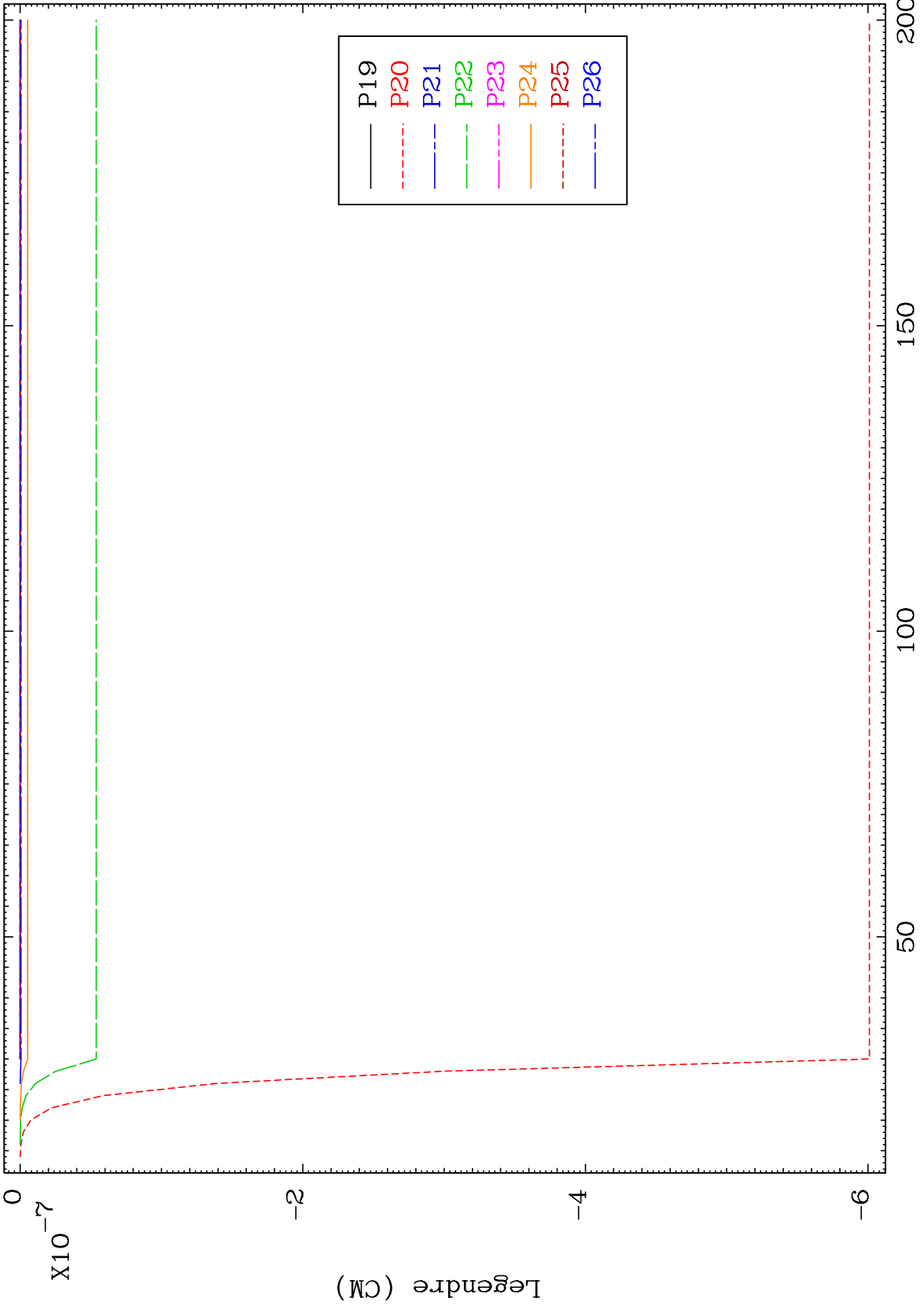
31-Ga-64



23

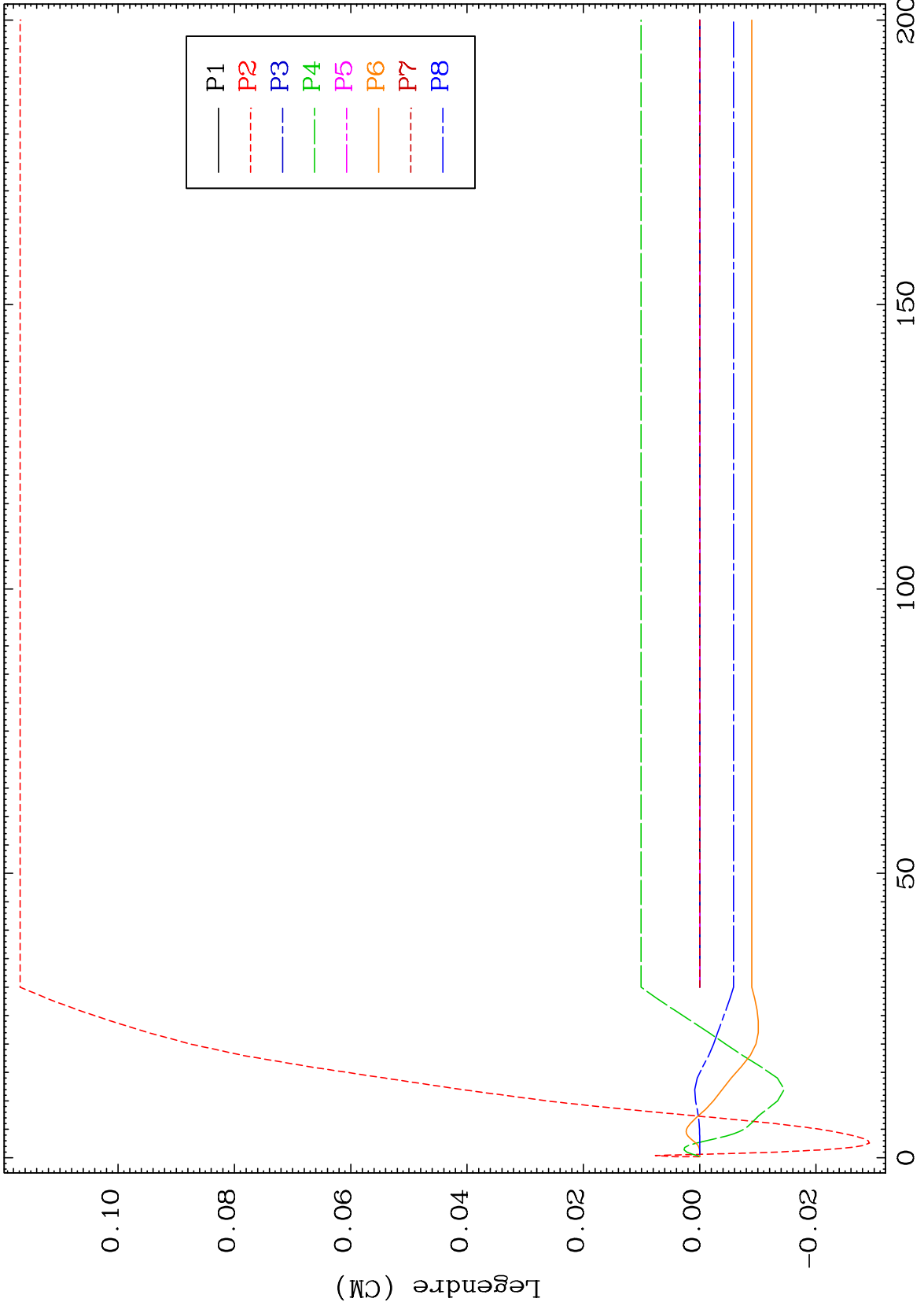
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MAT 3110 MT= 52 (n,n') Level Legendre Coefficients 31-Ga-64

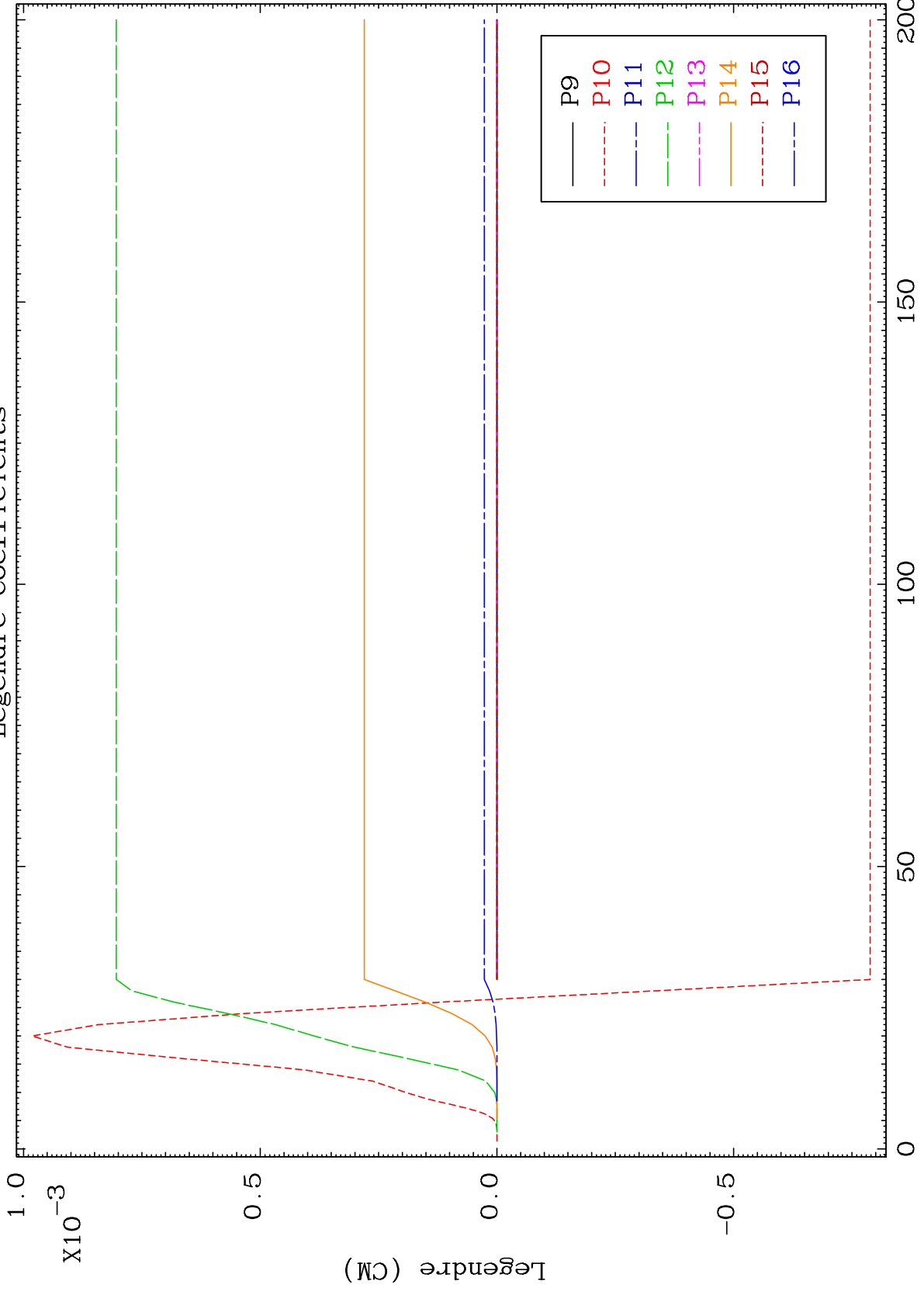


24 31-Ga-64

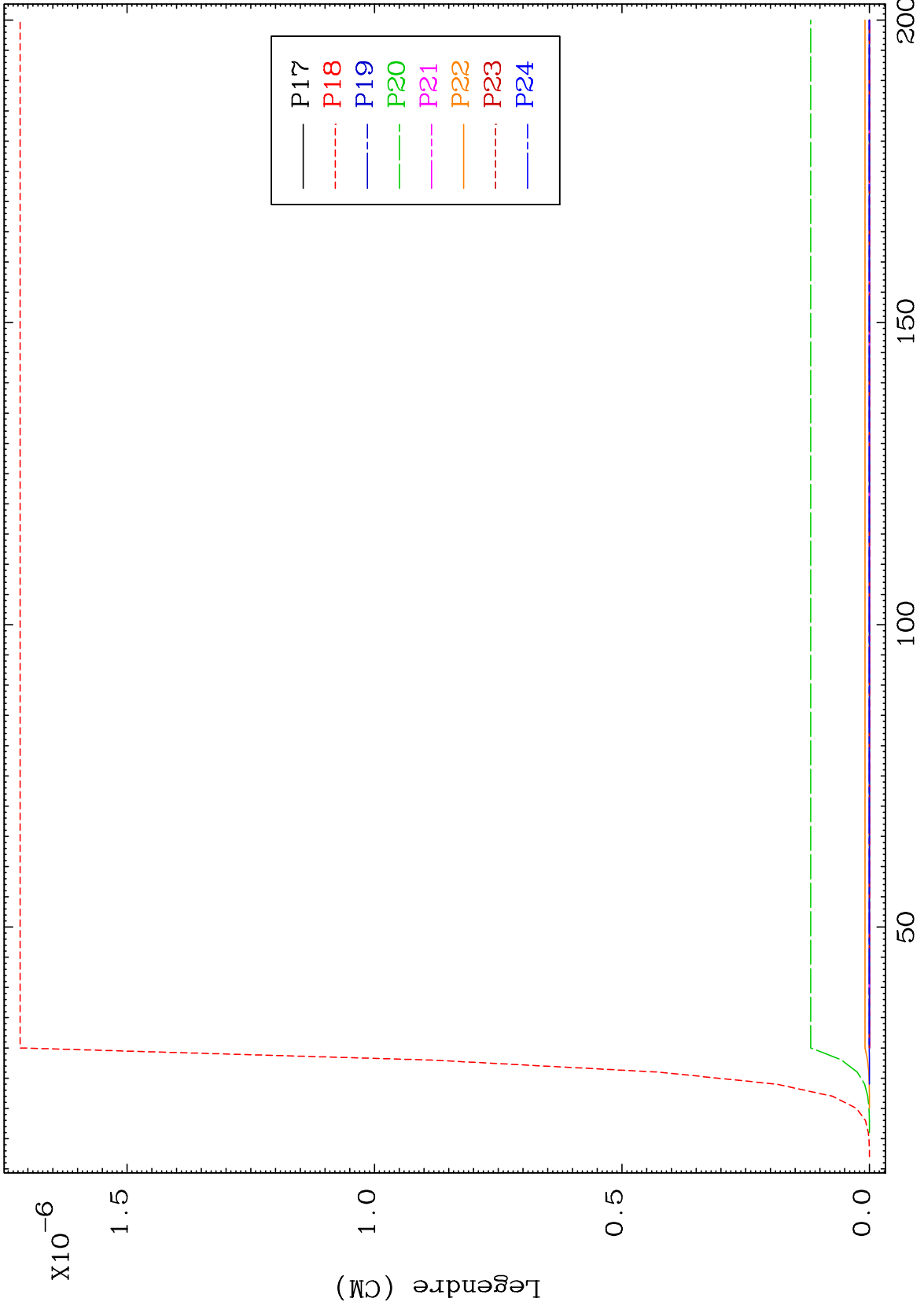
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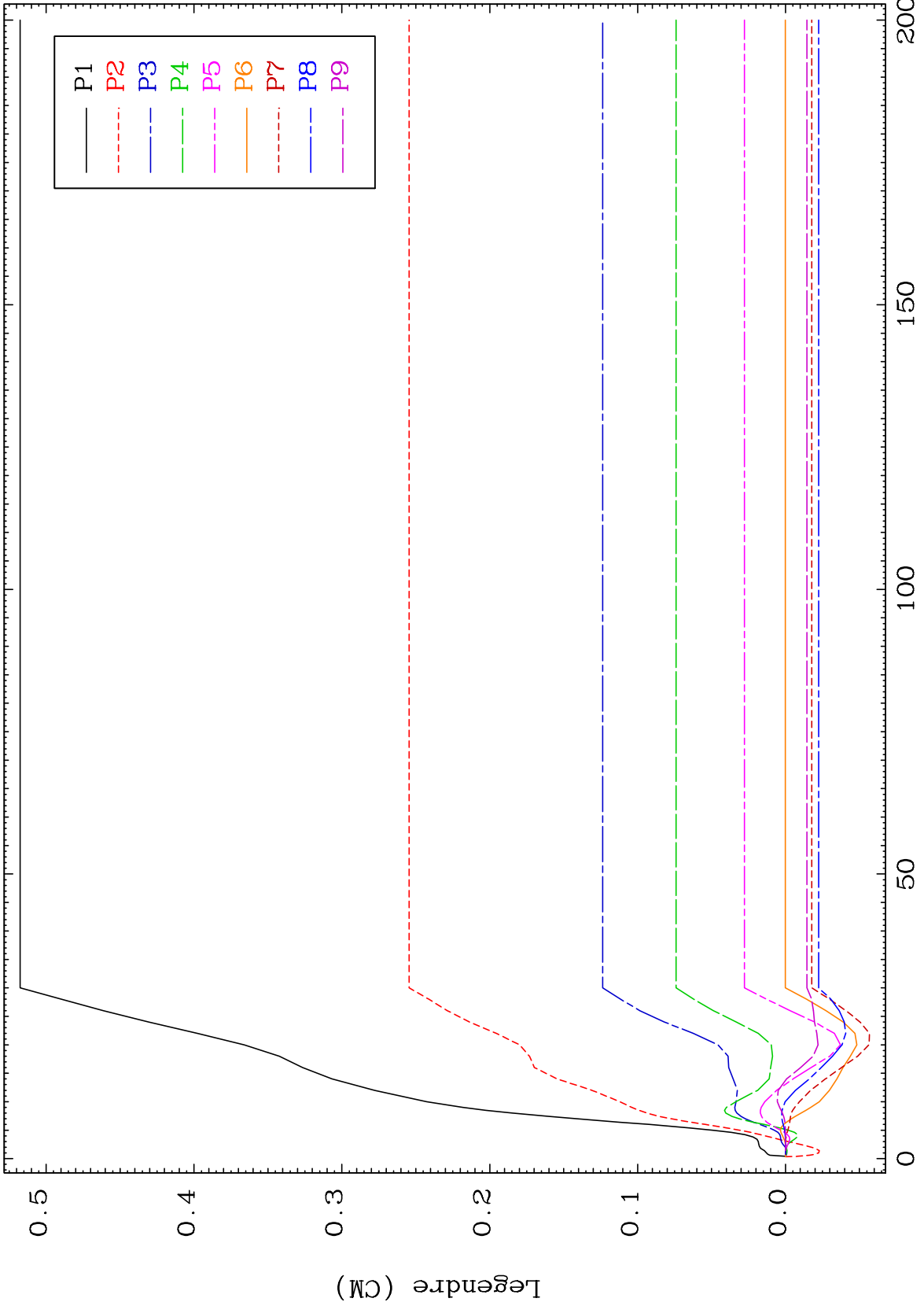
Incident Energy (MeV) 31-Ga-64

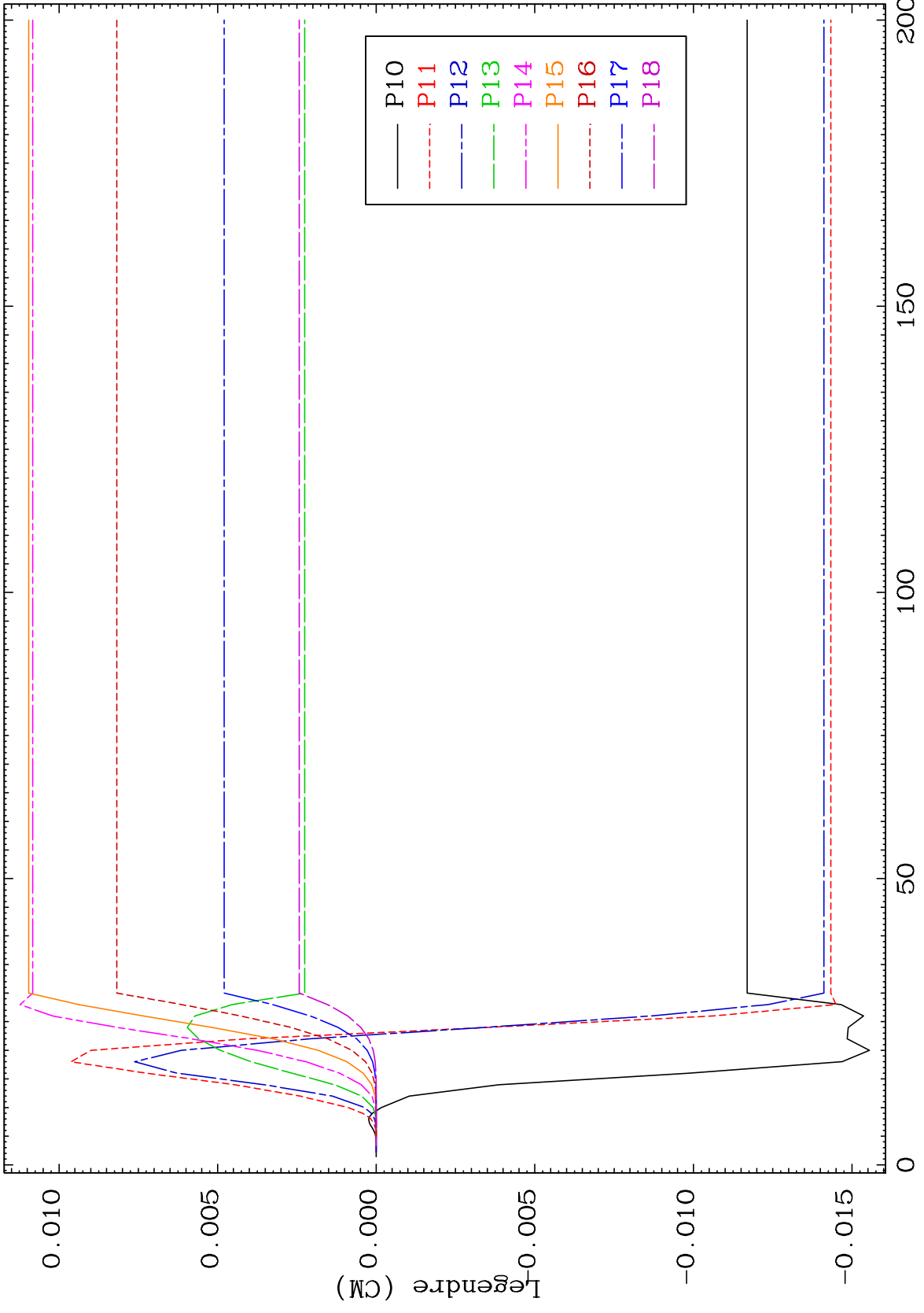


MAT 3110 MT= 53 (n,n') Level Legendre Coefficients 31-Ga-64



27 Incident Energy (MeV) 31-Ga-64

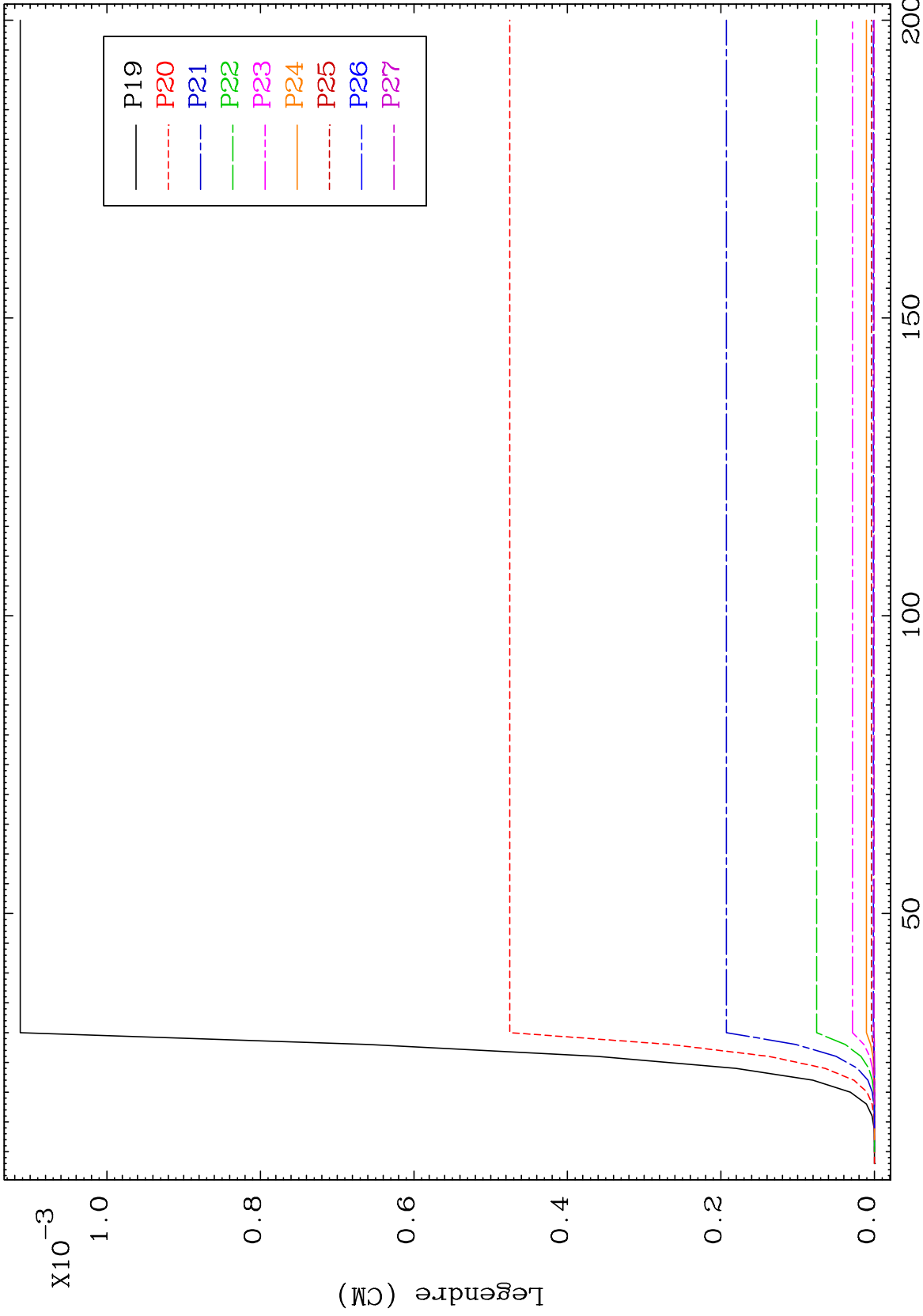




MAT 3110

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

31-Ga-64

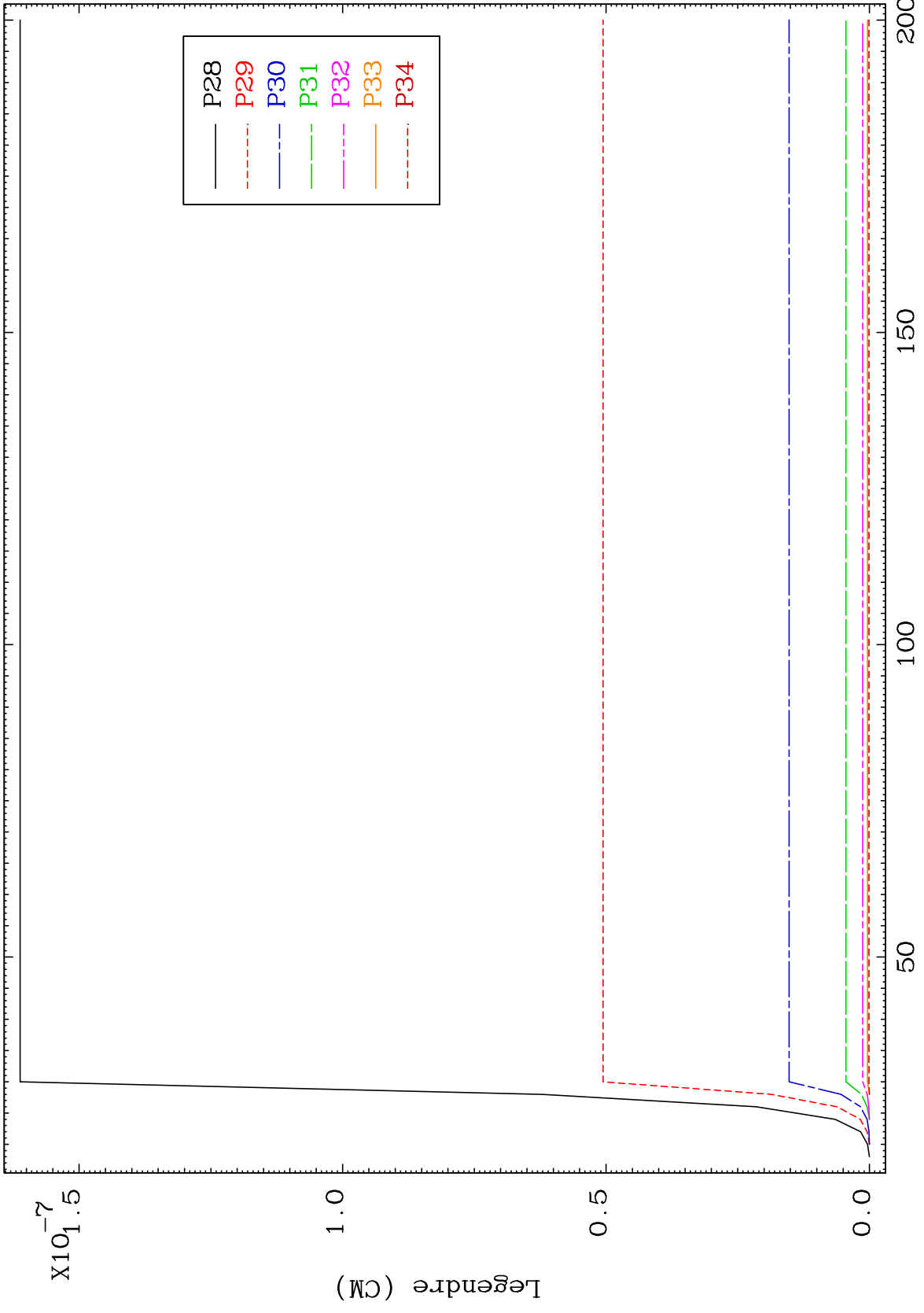


31-Ga-64

Incident Energy (MeV)

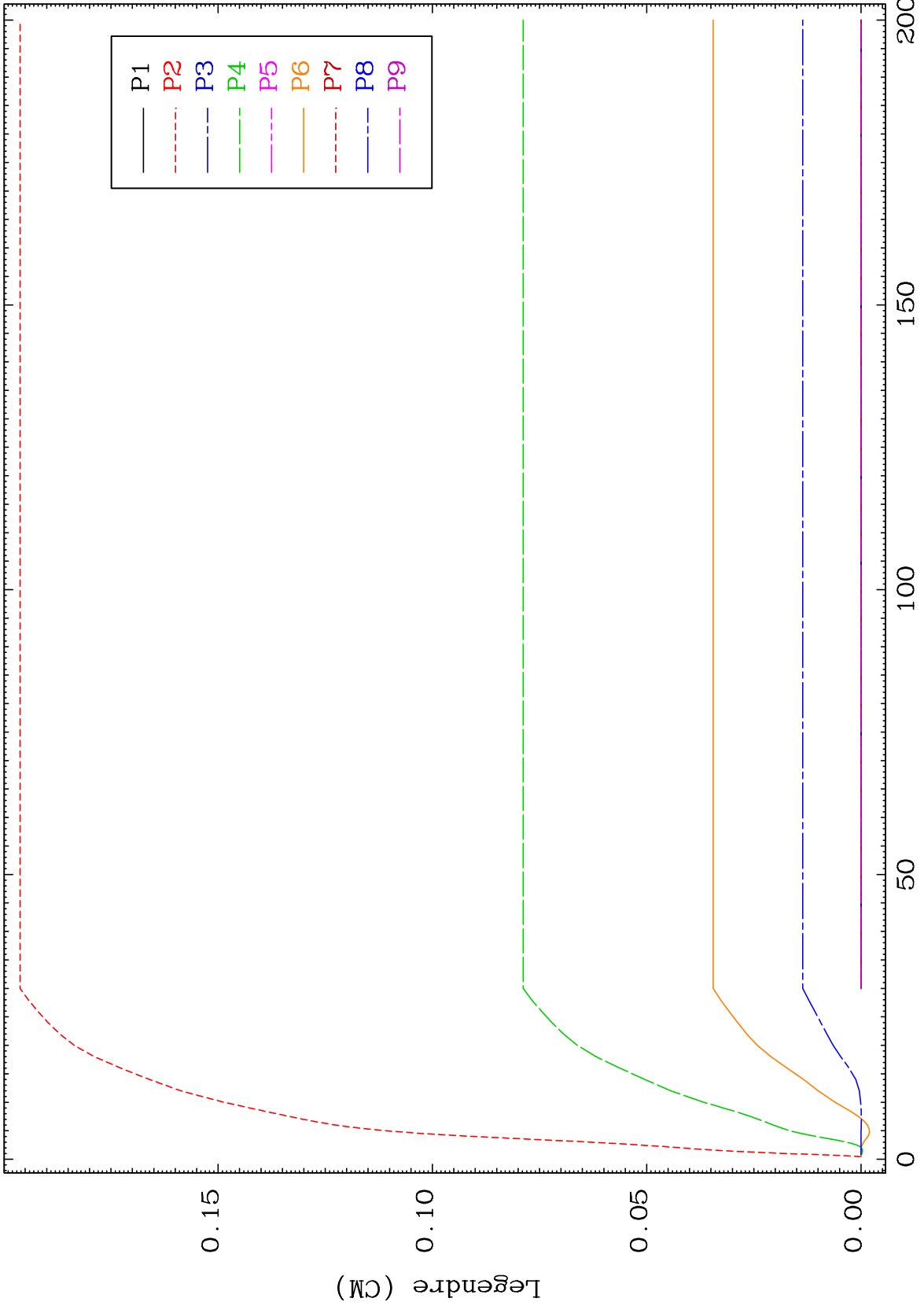
30

MAT 3110 MT= 54 (n,n') Level Legendre Coefficients 31-Ga-64



31 31-Ga-64

MAT 3110 MT= 55 (n,n') Level Legendre Coefficients 31-Ga-64

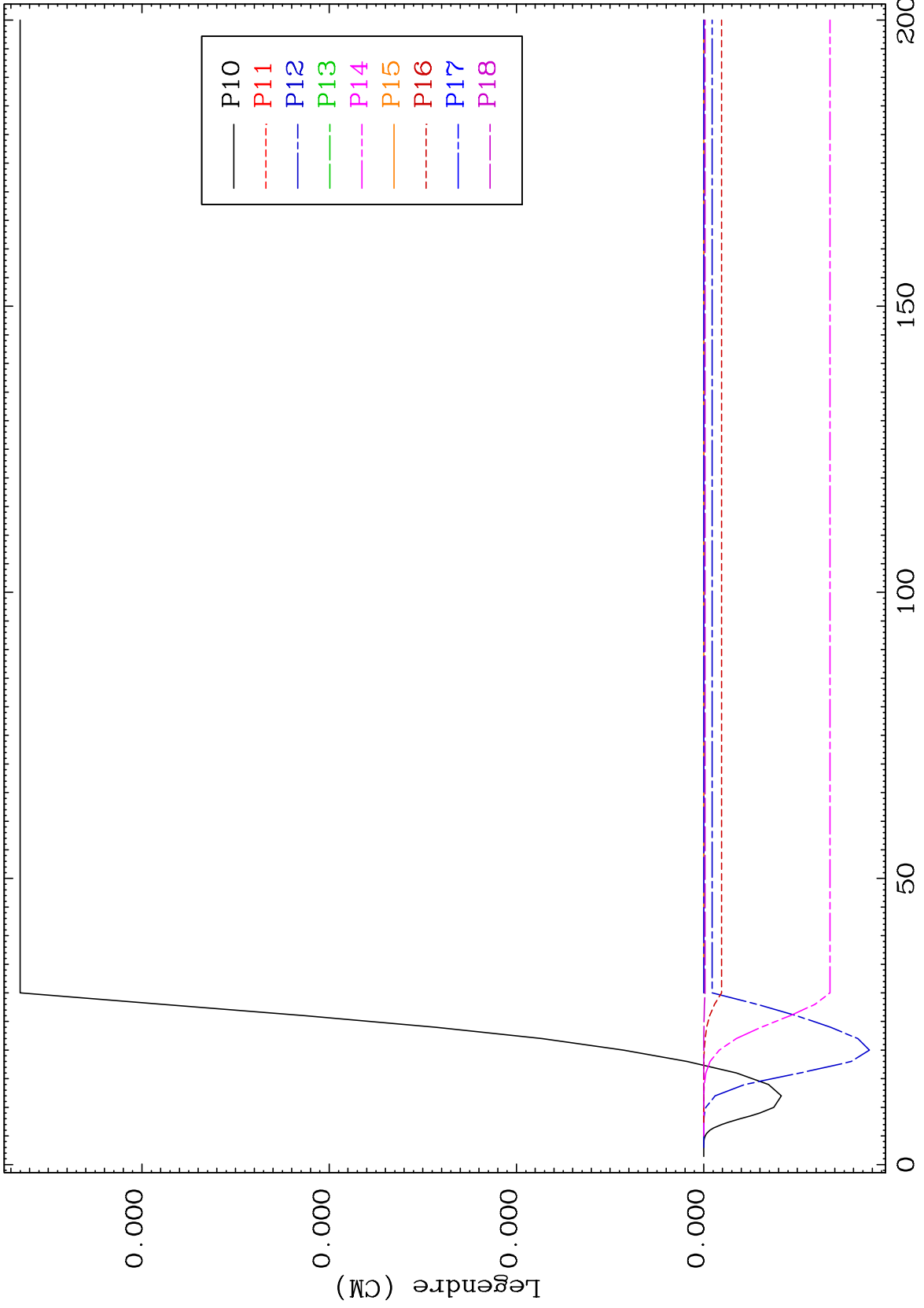


32 Incident Energy (MeV) 31-Ga-64

MAT 3110

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

31-Ga-64

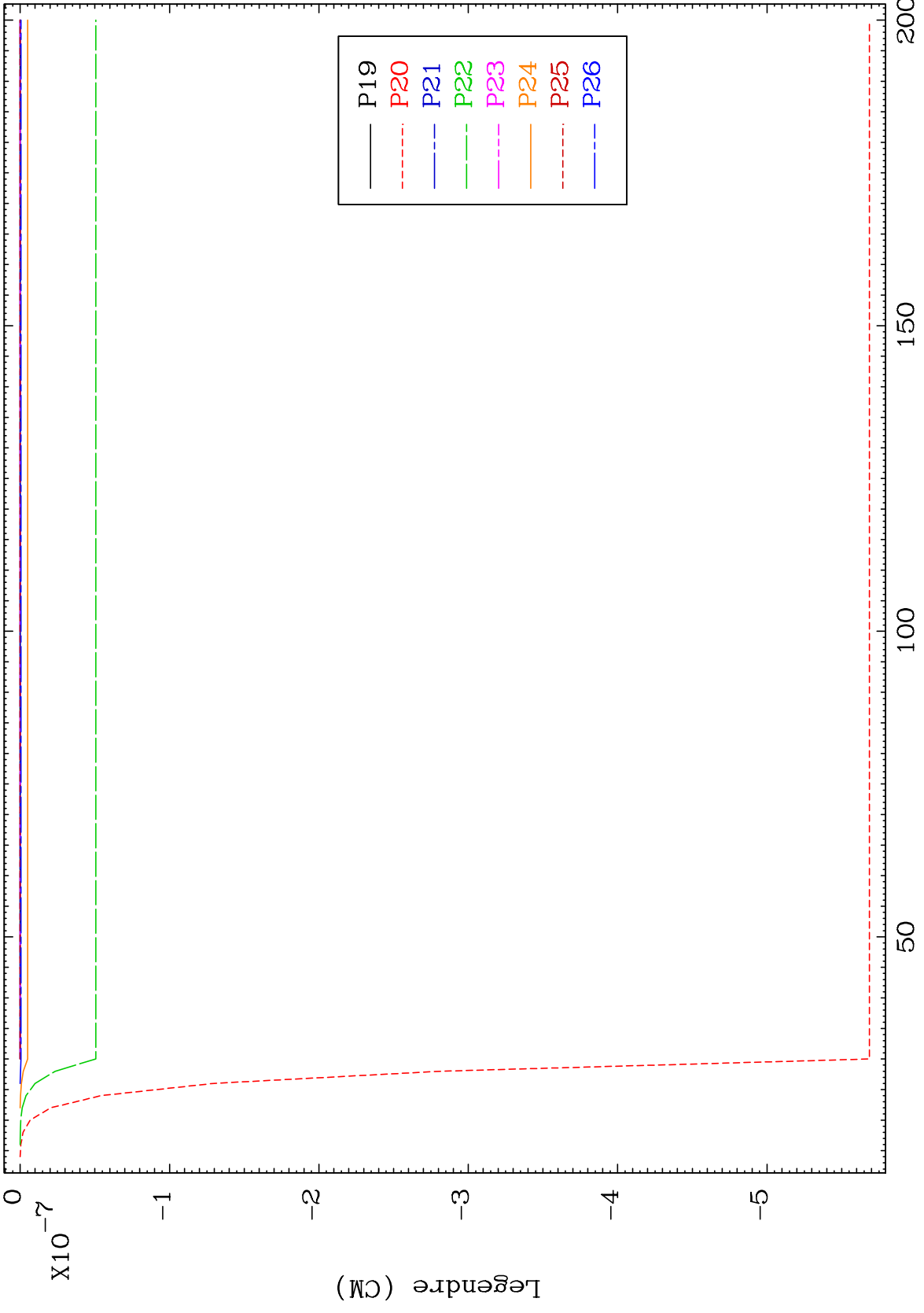


33

Incident Energy (MeV)

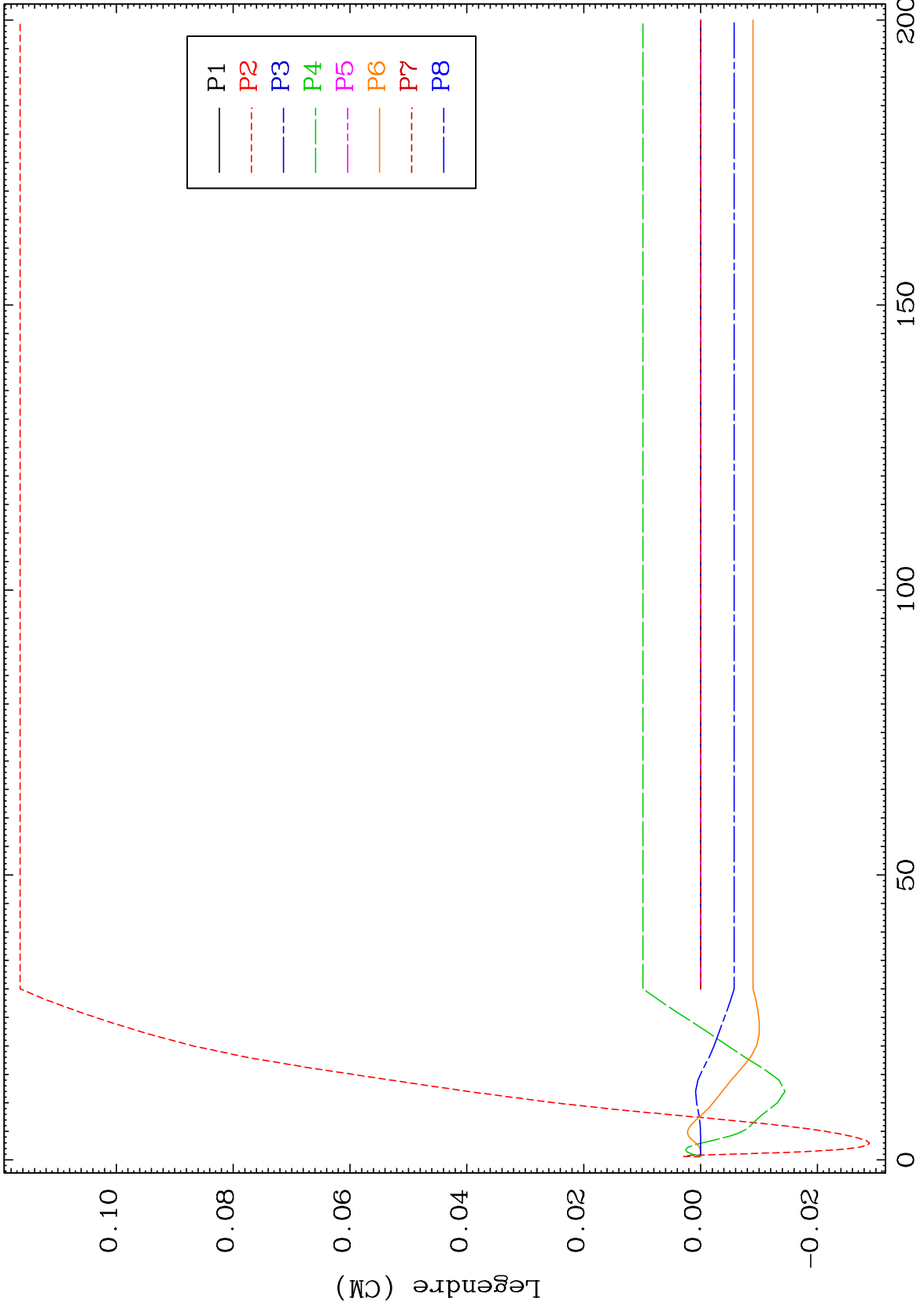
31-Ga-64

MAT 3110 MT= 55 (n,n') Level Legendre Coefficients 31-Ga-64

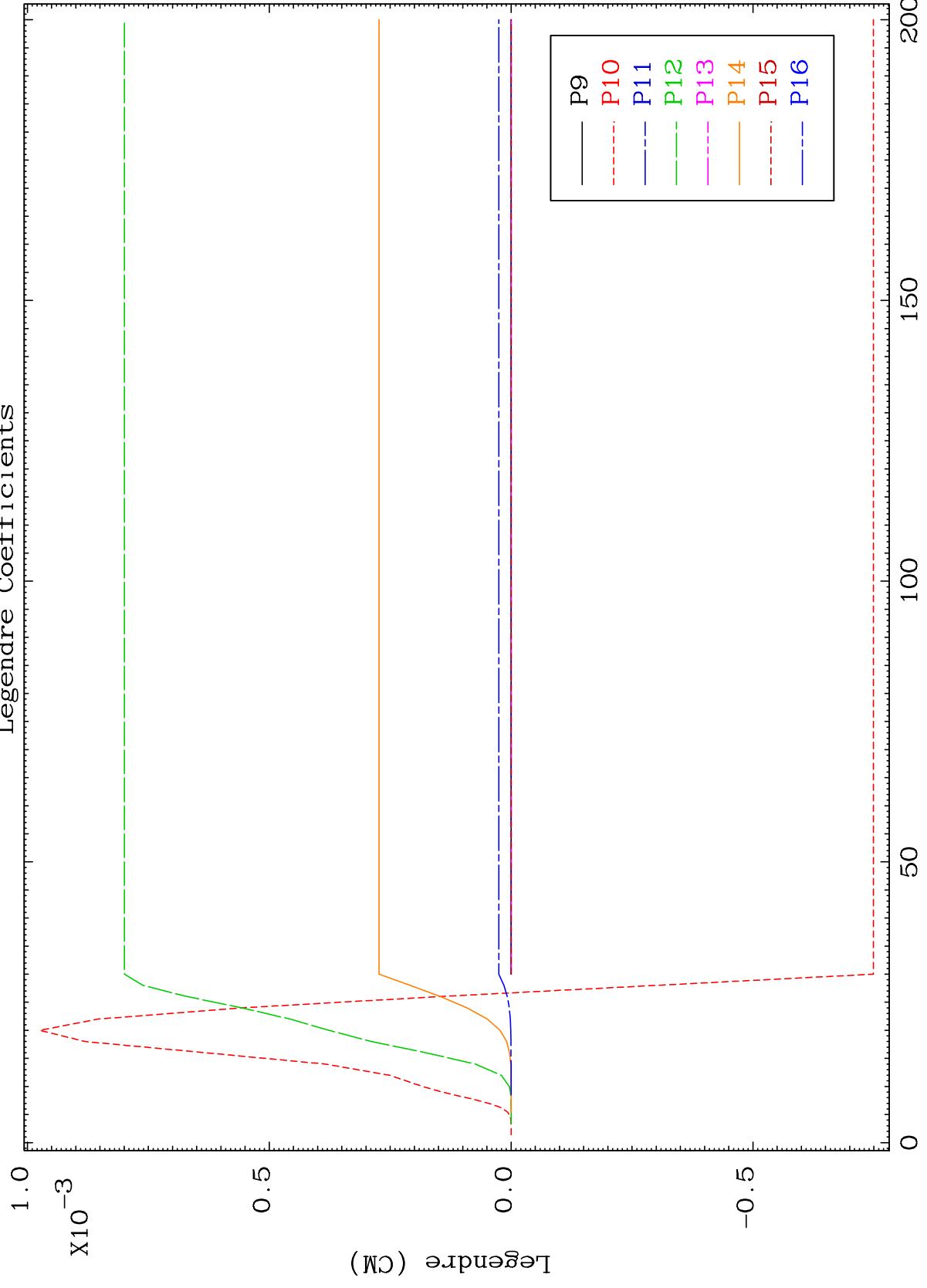


34 31-Ga-64

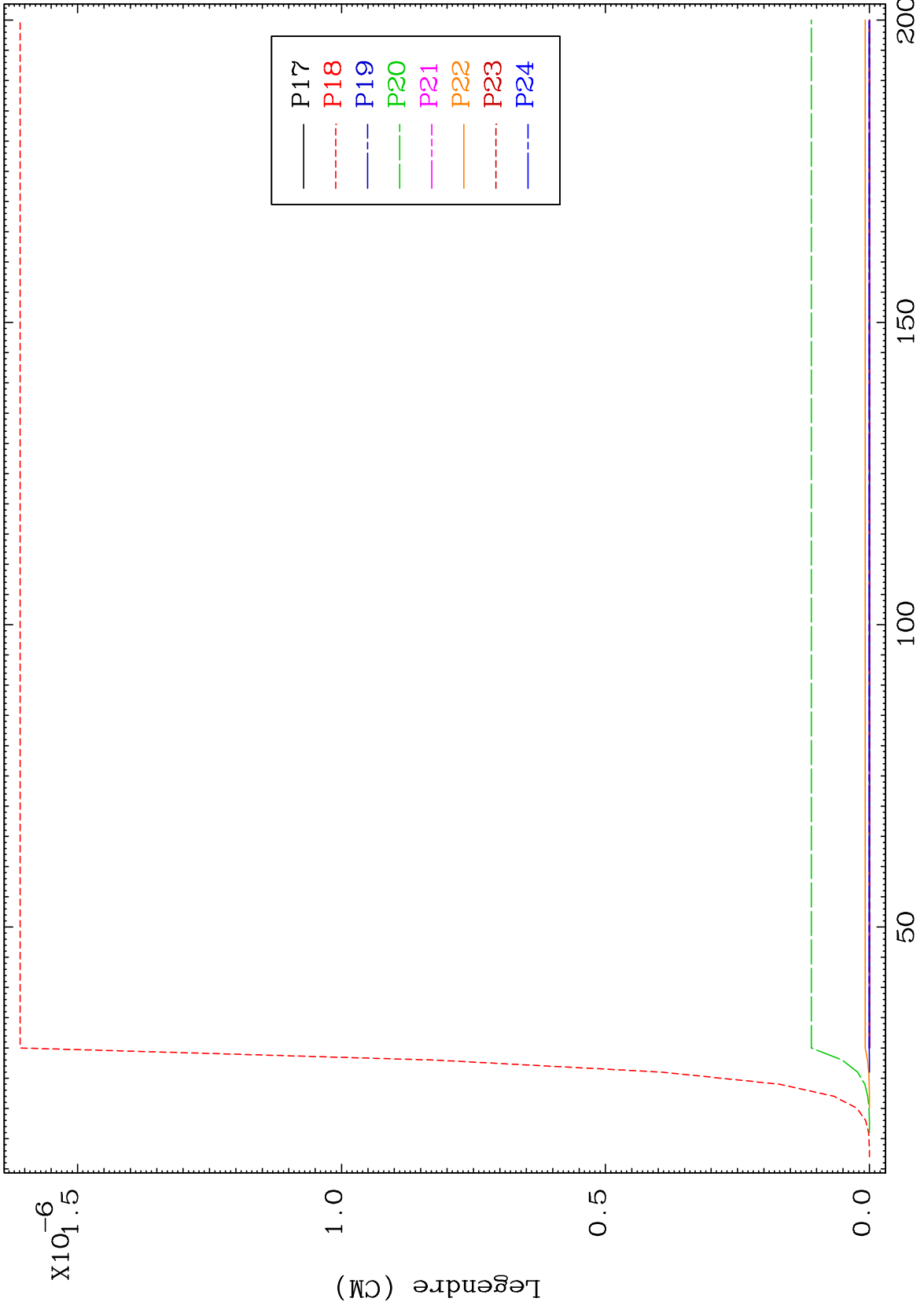
MAT 3110 MT= 56 (n,n') Level Legendre Coefficients 31-Ga-64



31-Ga-64

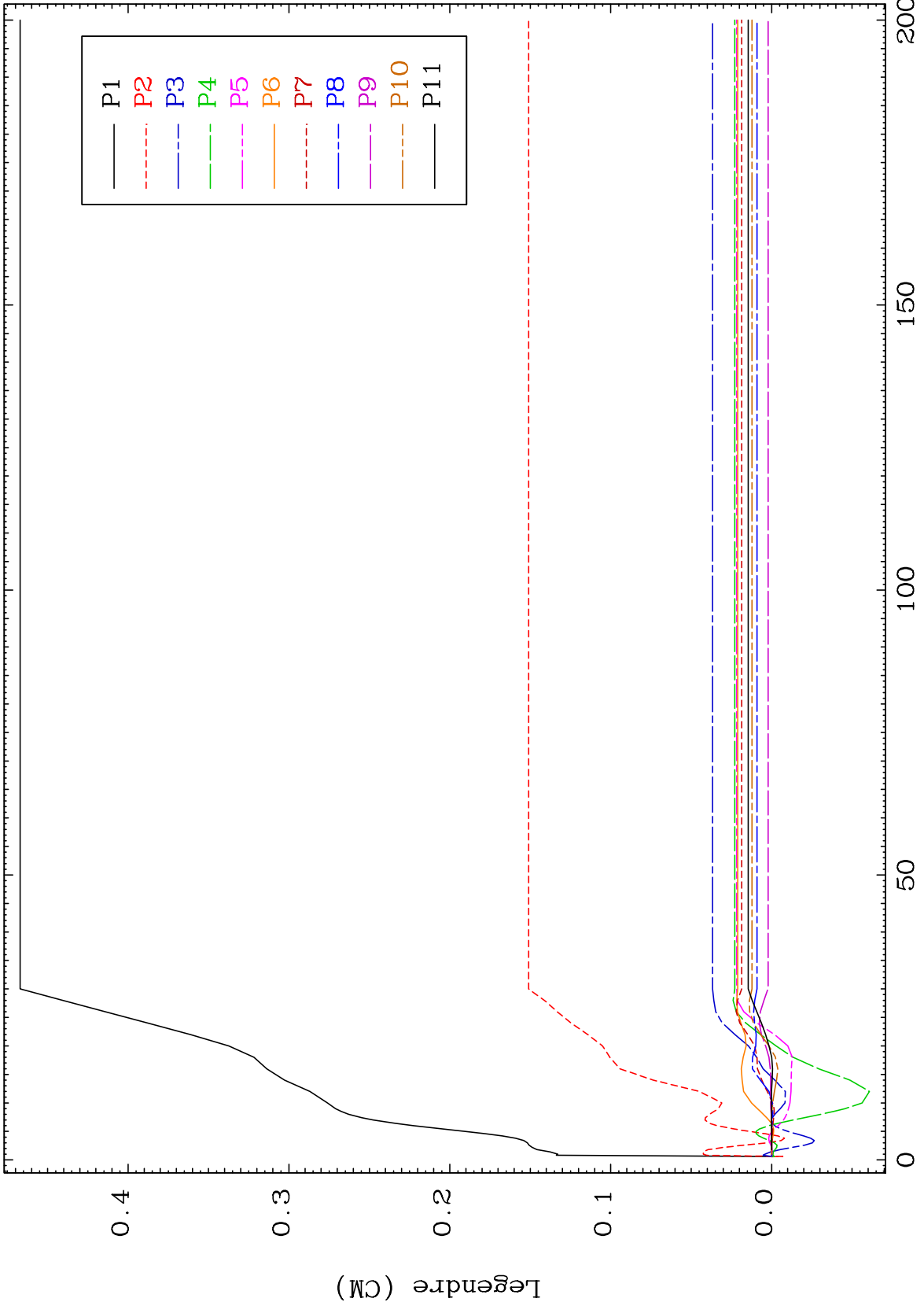


MAT 3110 MT= 56 (n,n') Level Legendre Coefficients 31-Ga-64



37 50 100 150 200 31-Ga-64

MAT 3110 MT= 57 (n,n') Level Legendre Coefficients 31-Ga-64

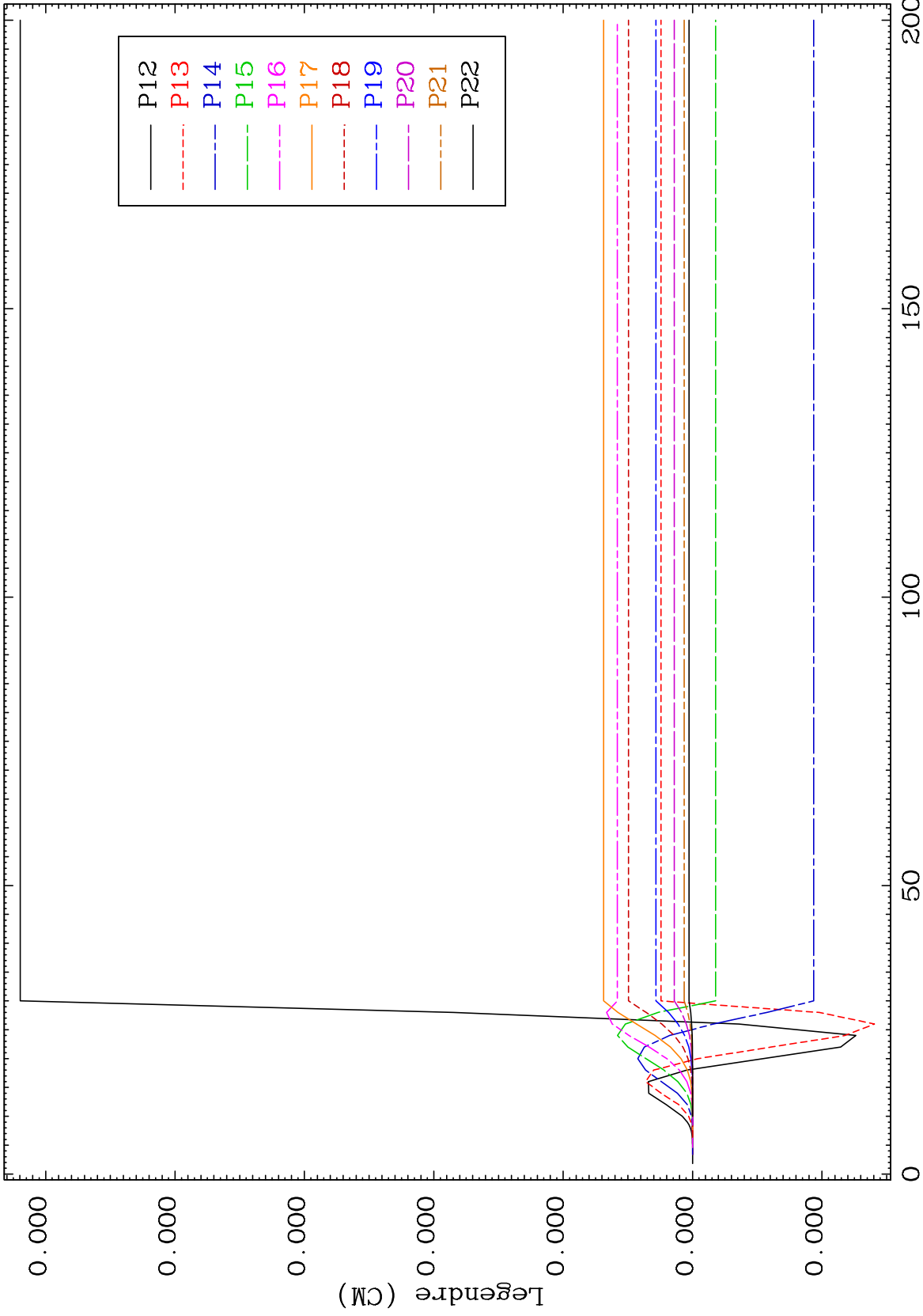


38 31-Ga-64

MAT 3110

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

31-Ga-64

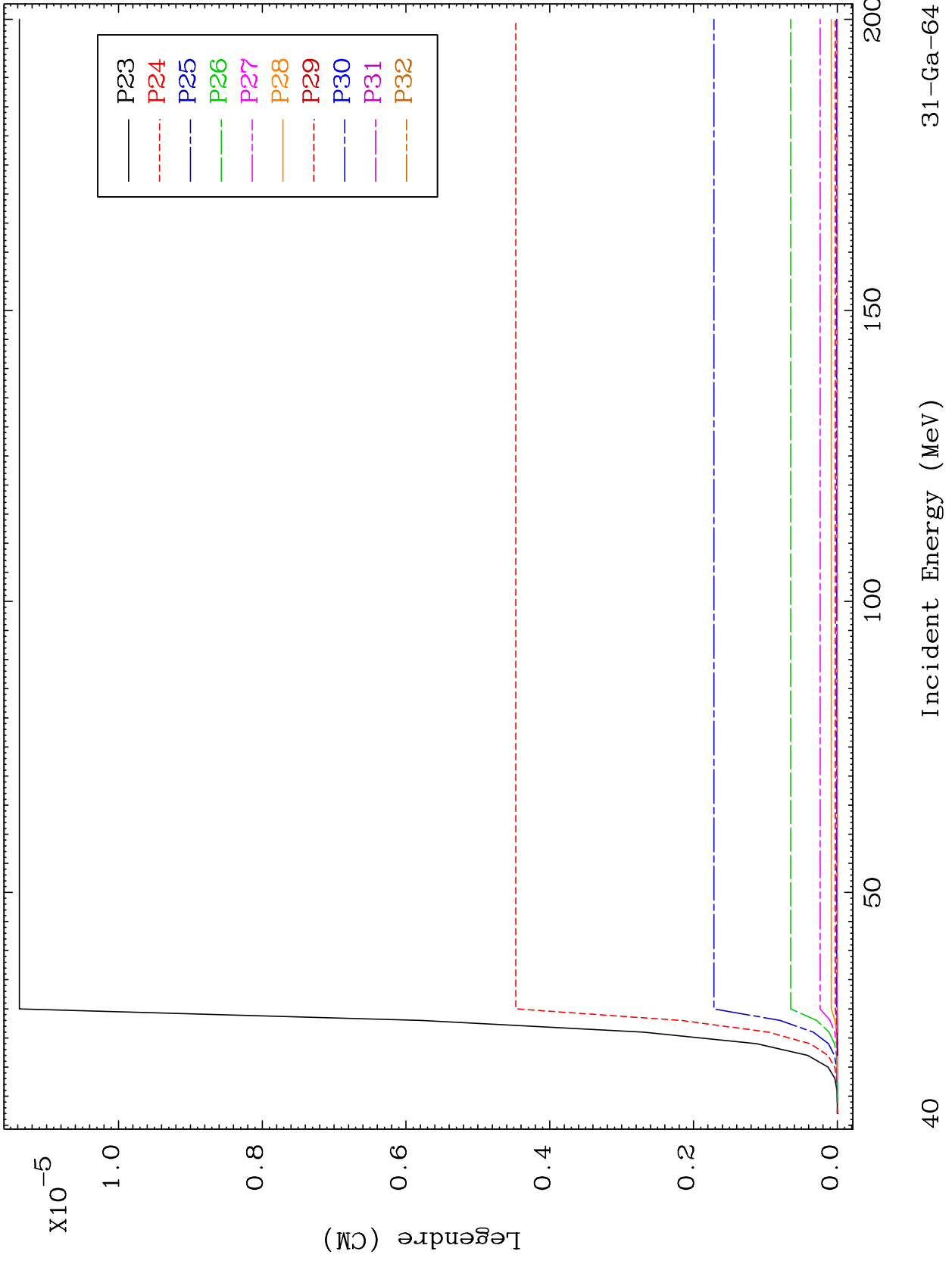


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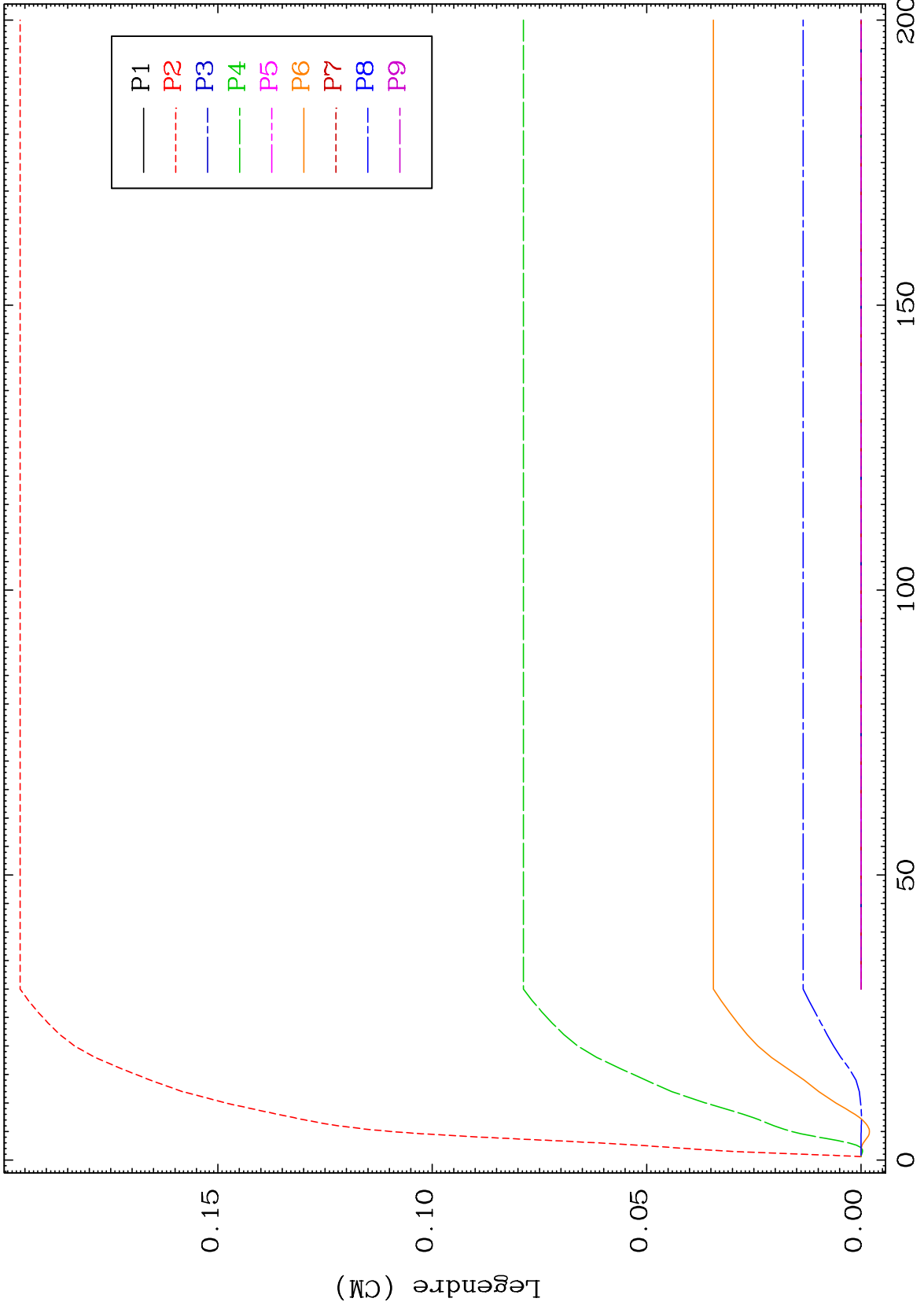
Incident Energy (MeV)

31-Ga-64

MAT 3110 MT= 57 (n,n') Level Legendre Coefficients 31-Ga-64



MAT 3110 MT= 58 (n,n') Level Legendre Coefficients 31-Ga-64

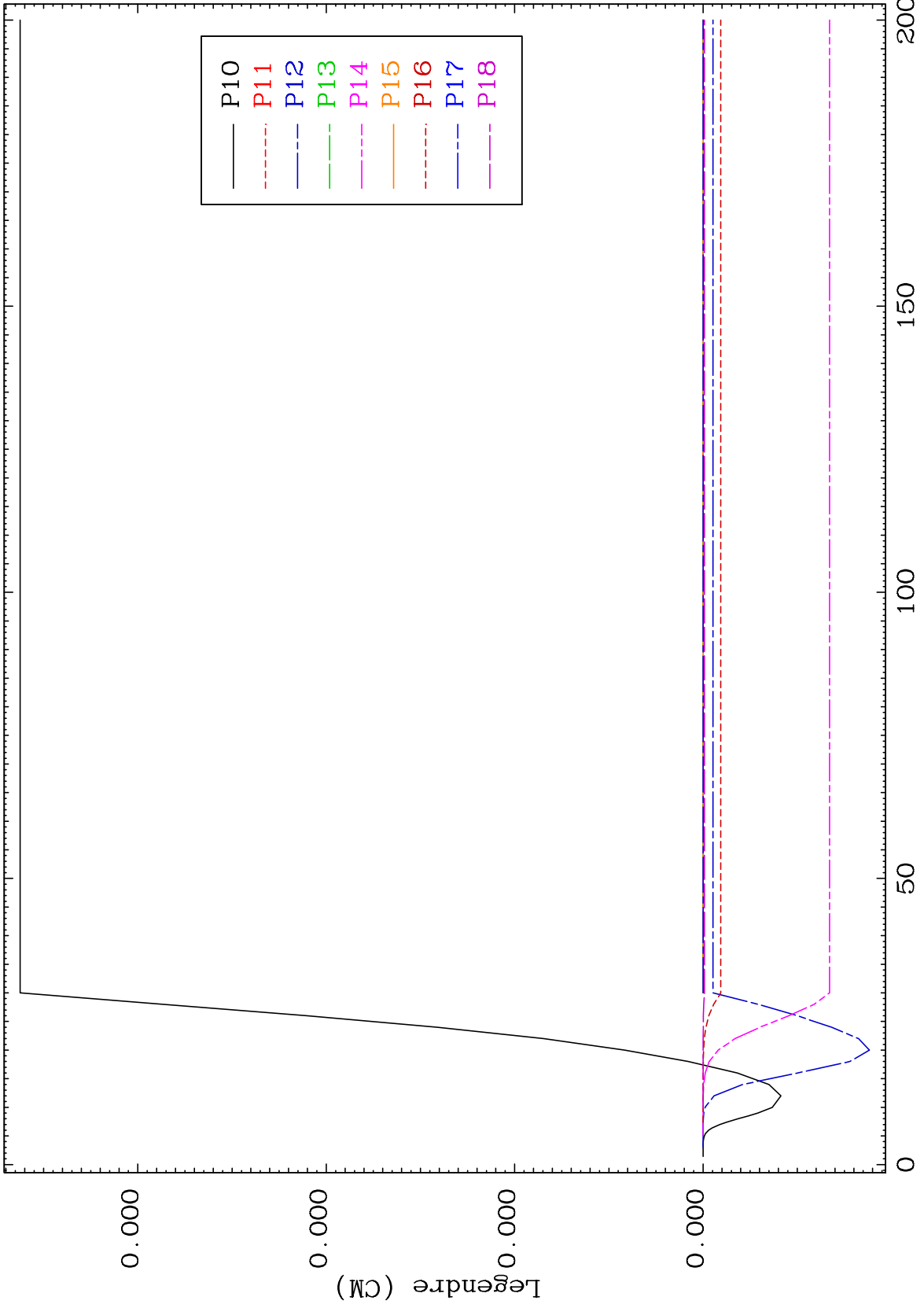


41 31-Ga-64

MAT 3110

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

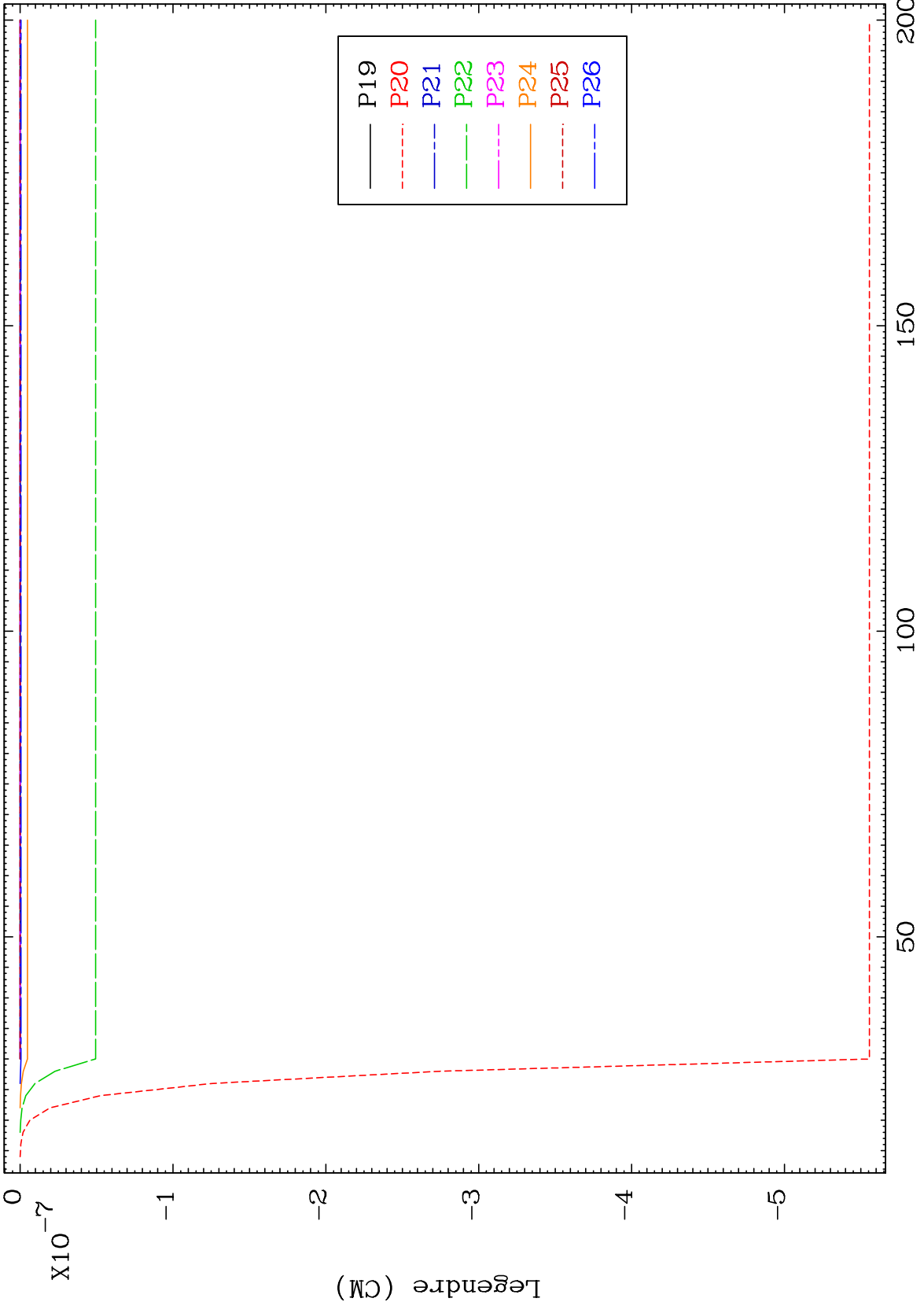
31-Ga-64



42

31-Ga-64

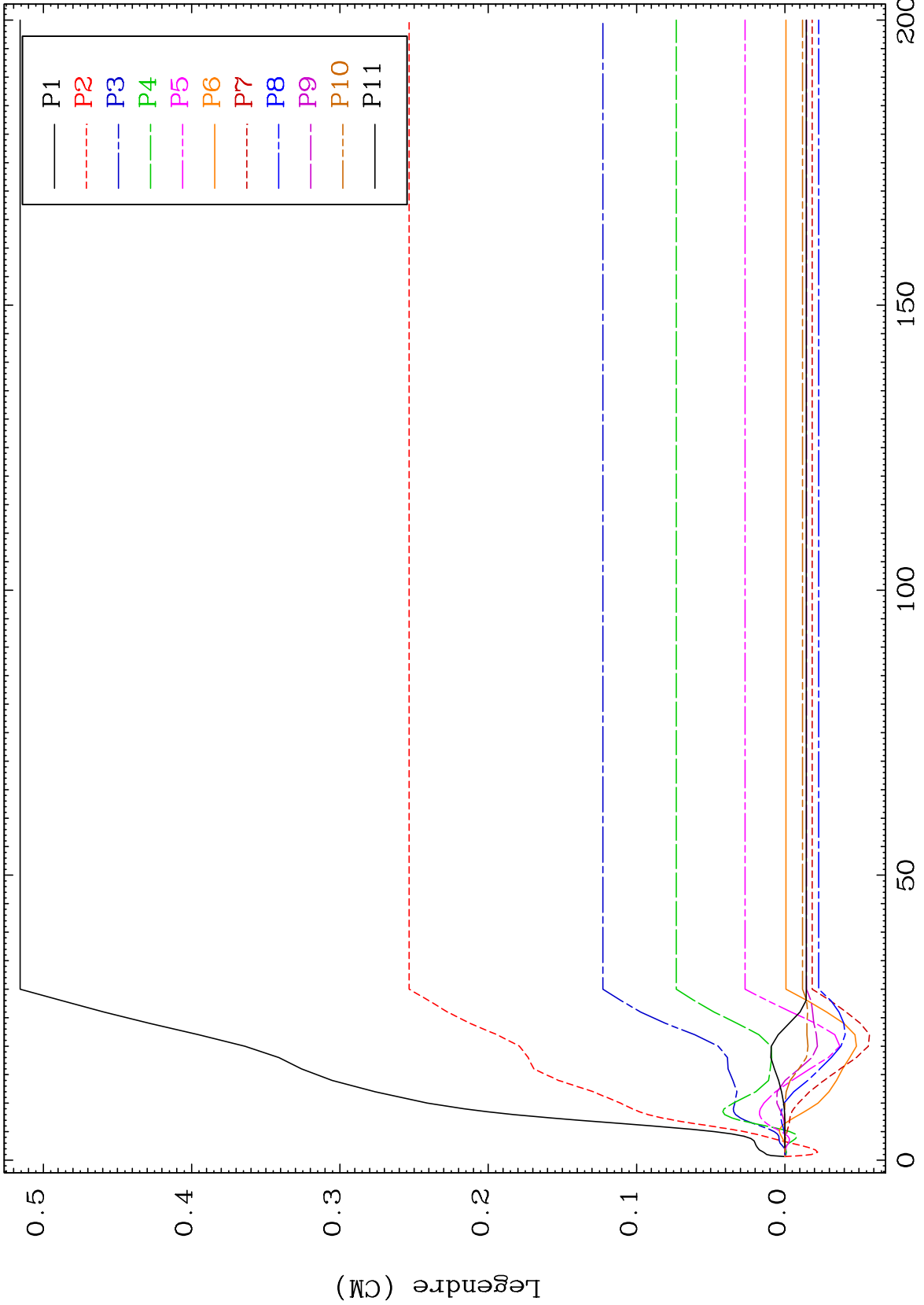
MAT 3110 MT= 58 (n,n') Level Legendre Coefficients 31-Ga-64



MAT 3110

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

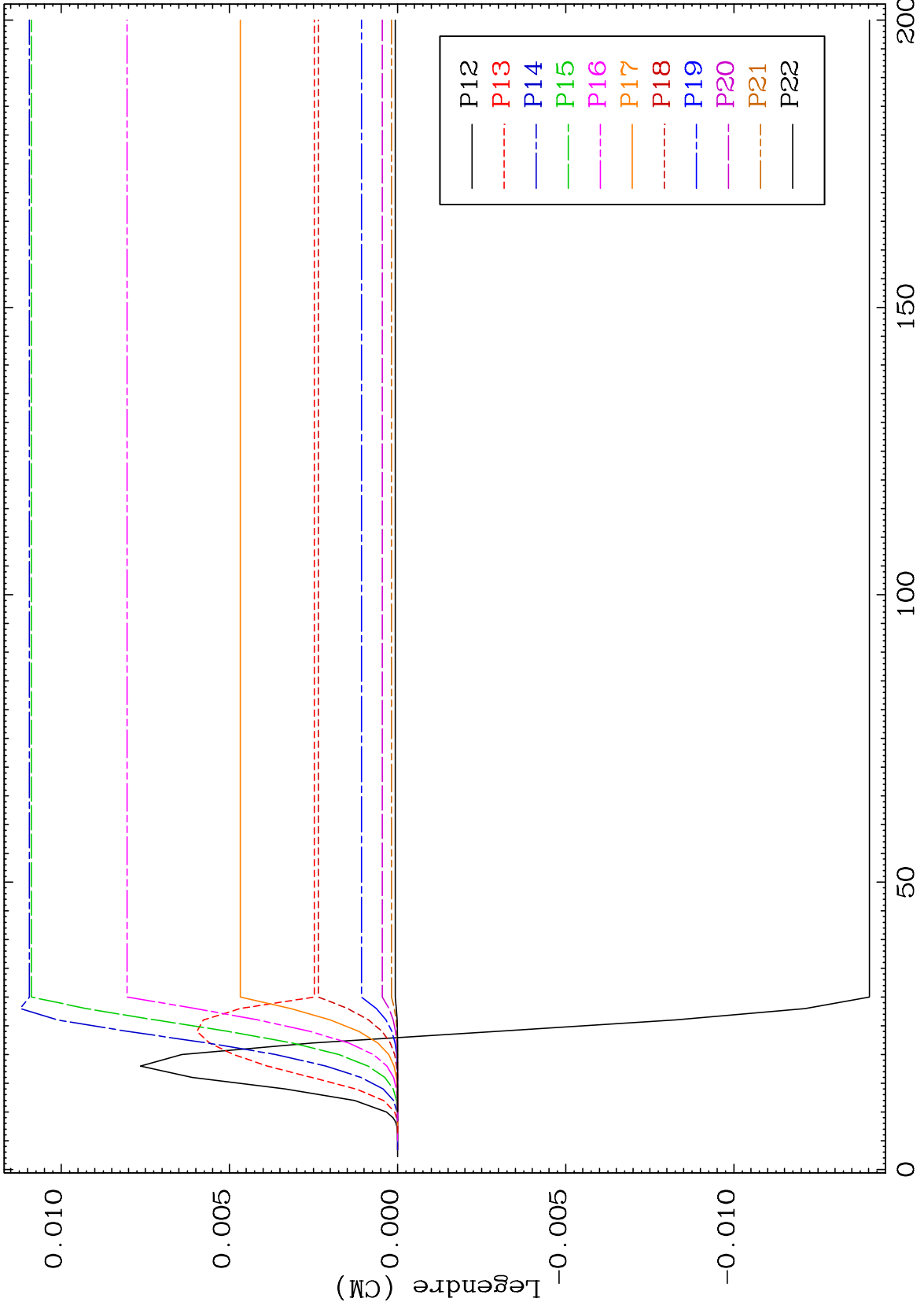
31-Ga-64



44

Incident Energy (MeV)

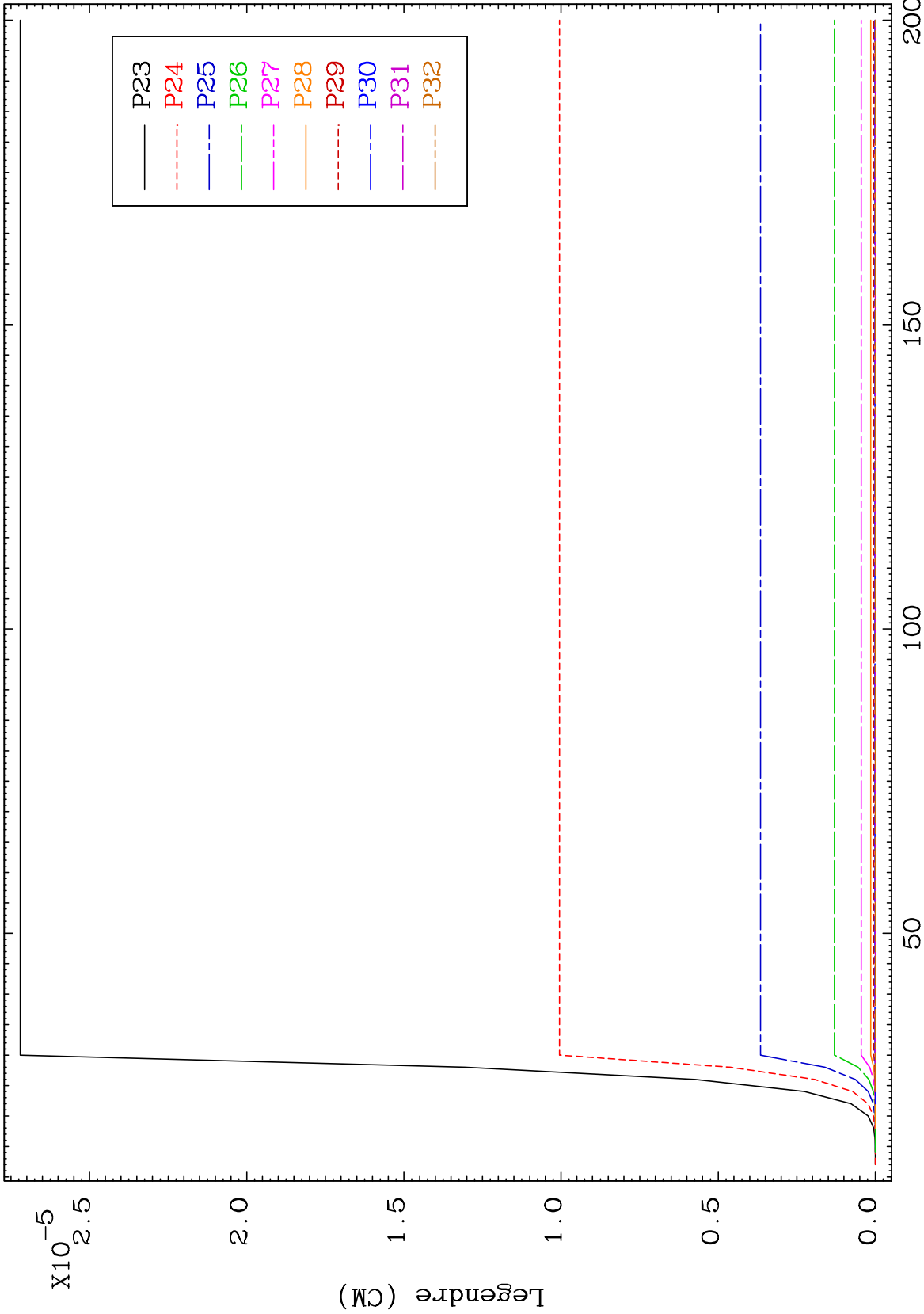
31-Ga-64



MAT 3110

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

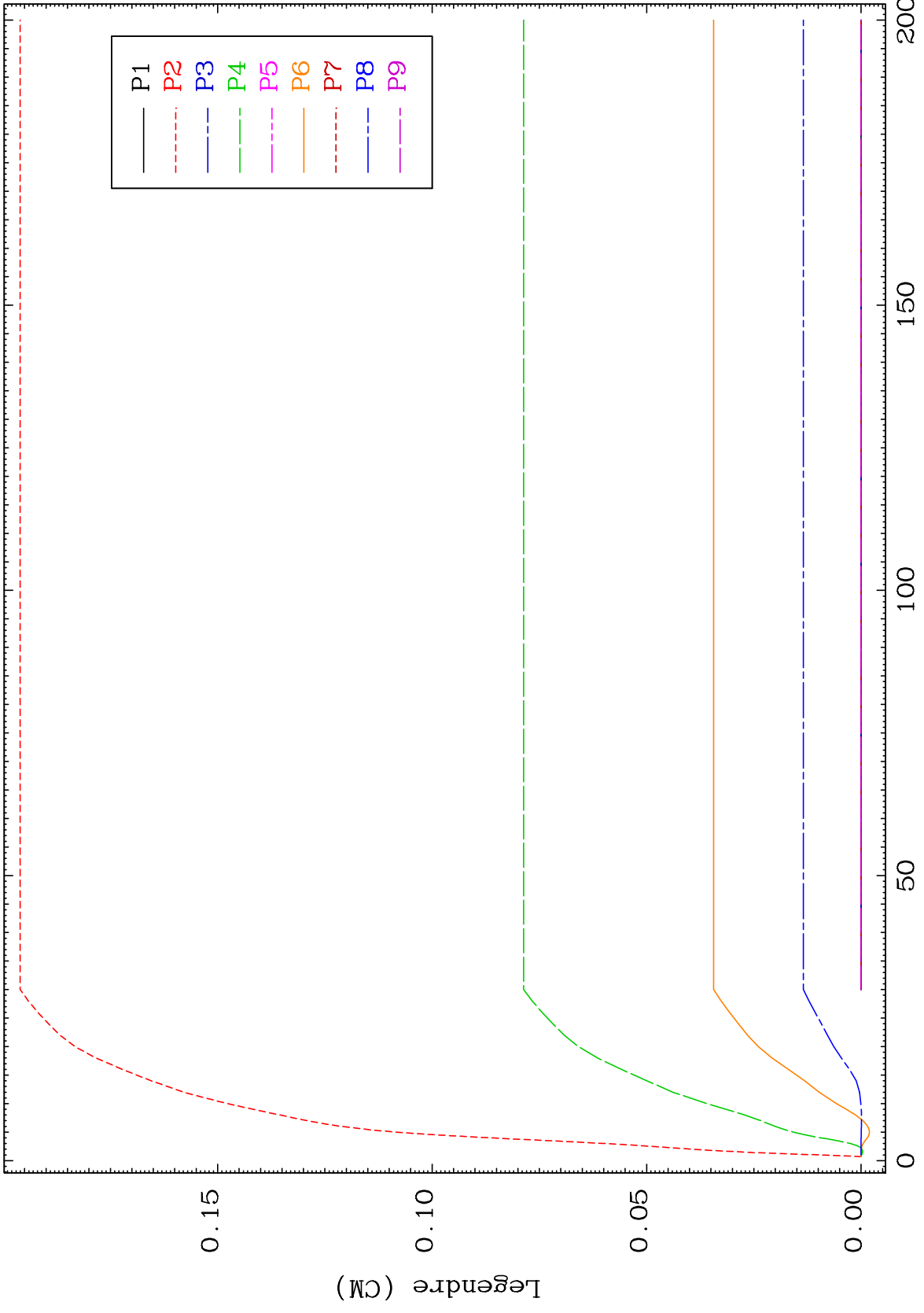
31-Ga-64



46

31-Ga-64

MAT 3110 MT= 60 (n,n') Level Legendre Coefficients 31-Ga-64

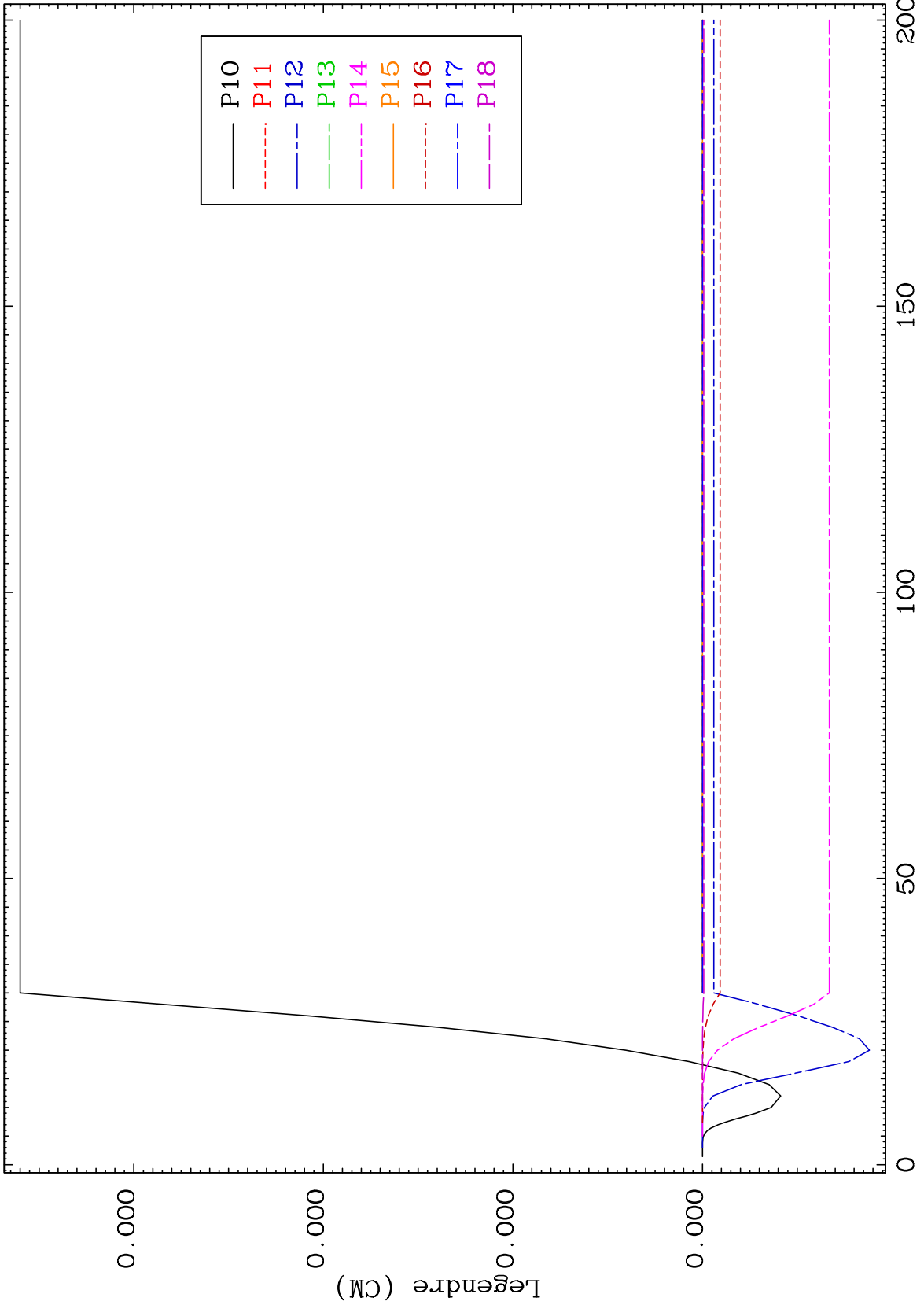


47 31-Ga-64

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

31-Ga-64

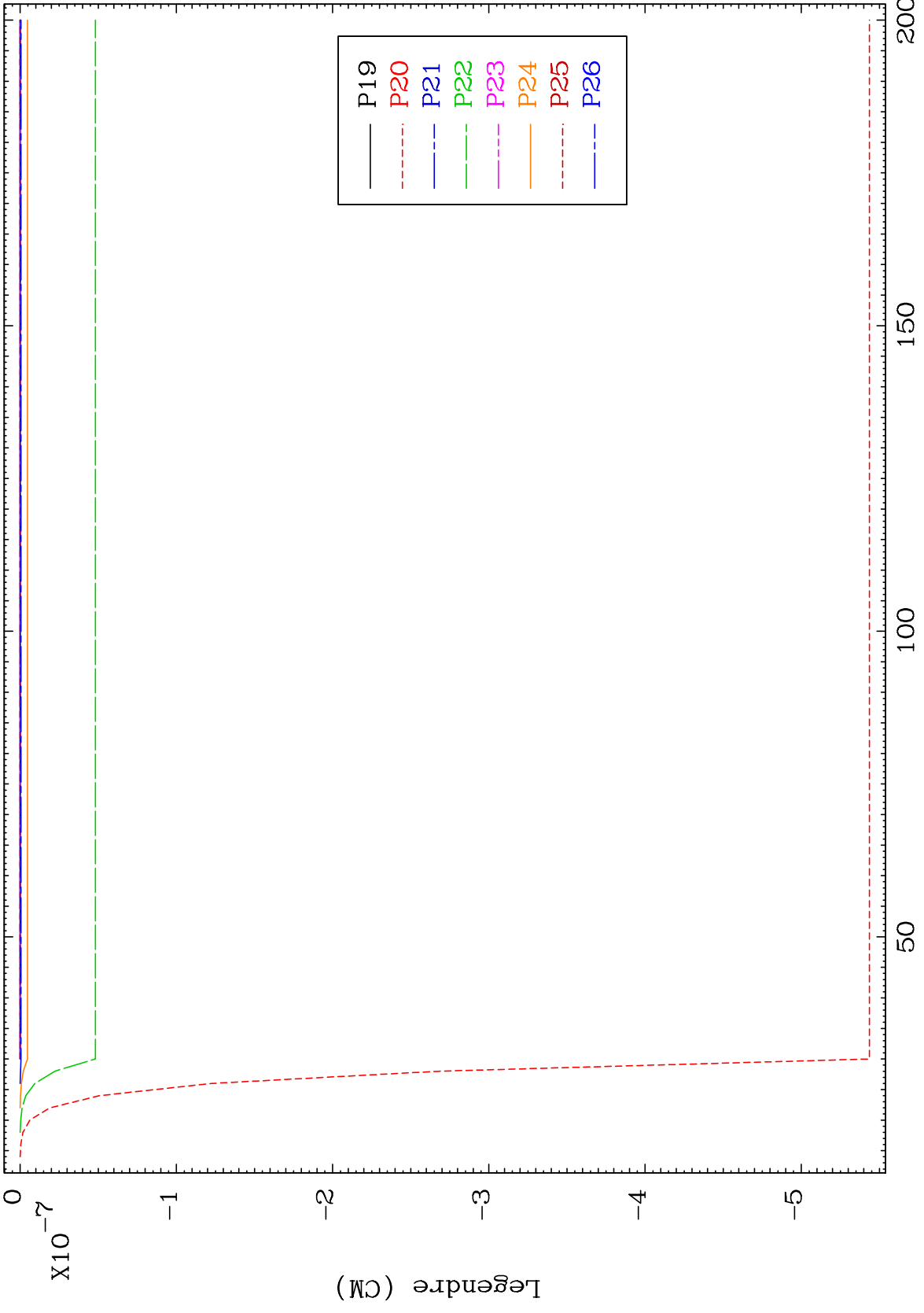


48

Incident Energy (MeV)

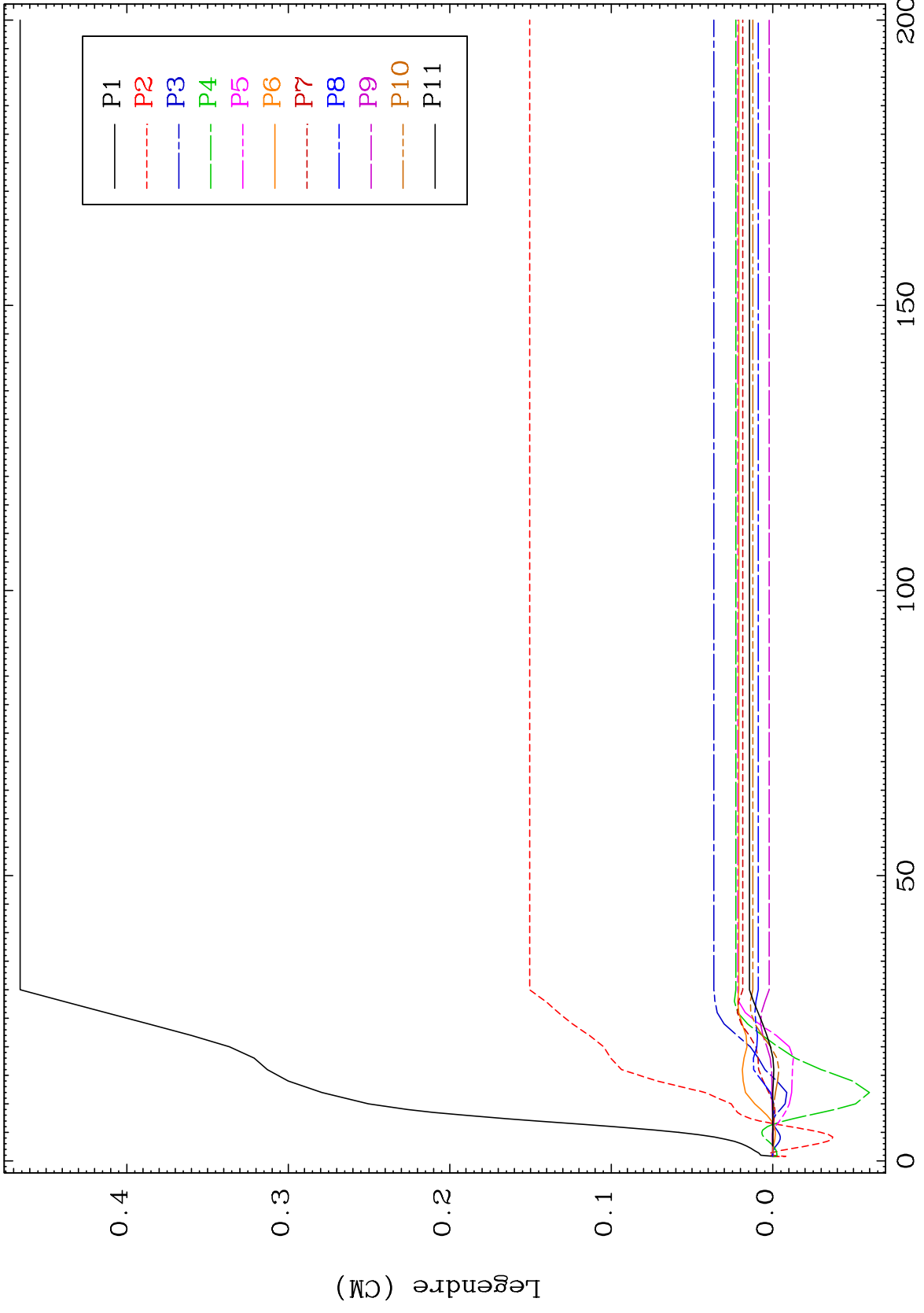
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MAT 3110 MT= 60 (n,n') Level Legendre Coefficients 31-Ga-64

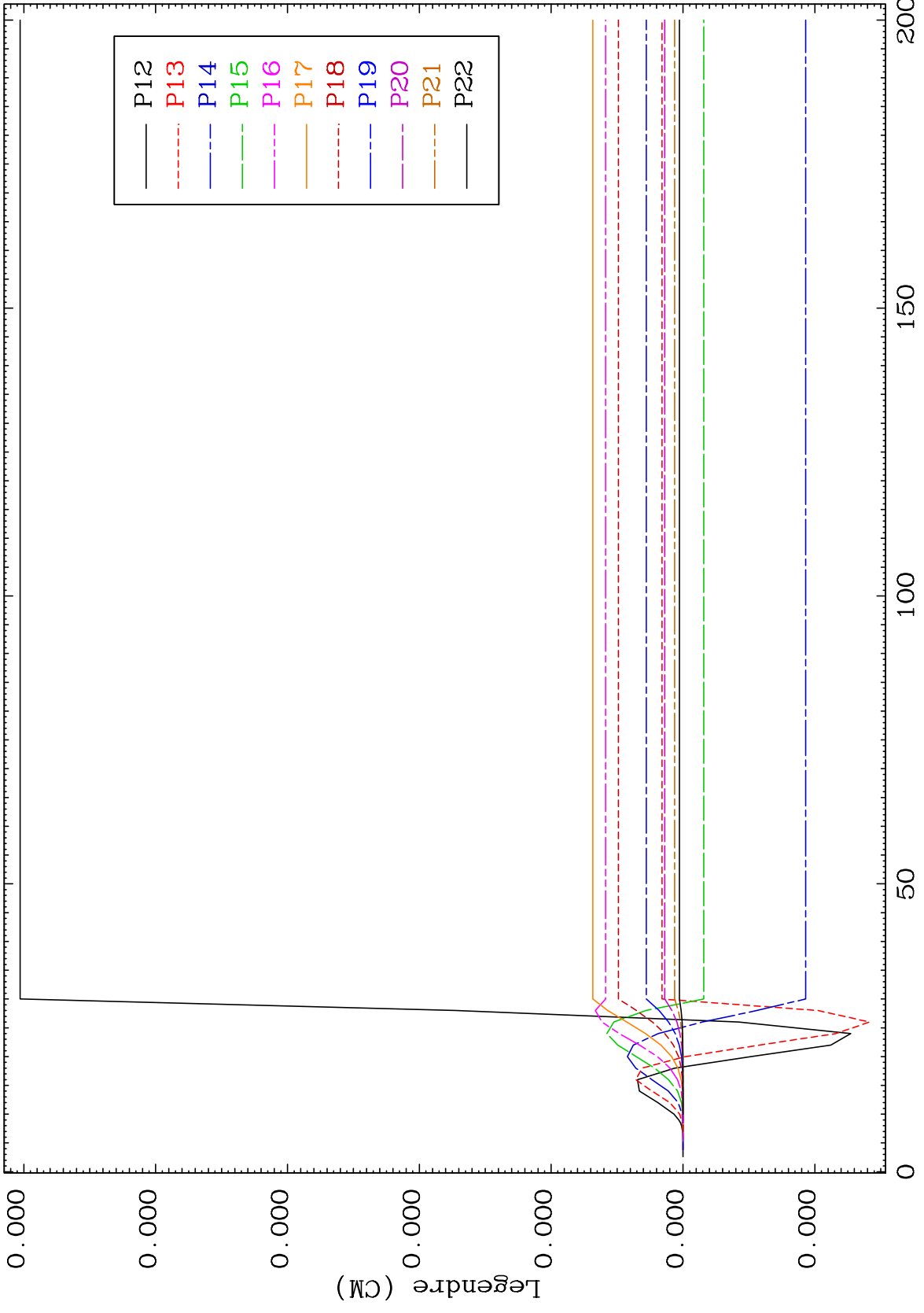


49 31-Ga-64

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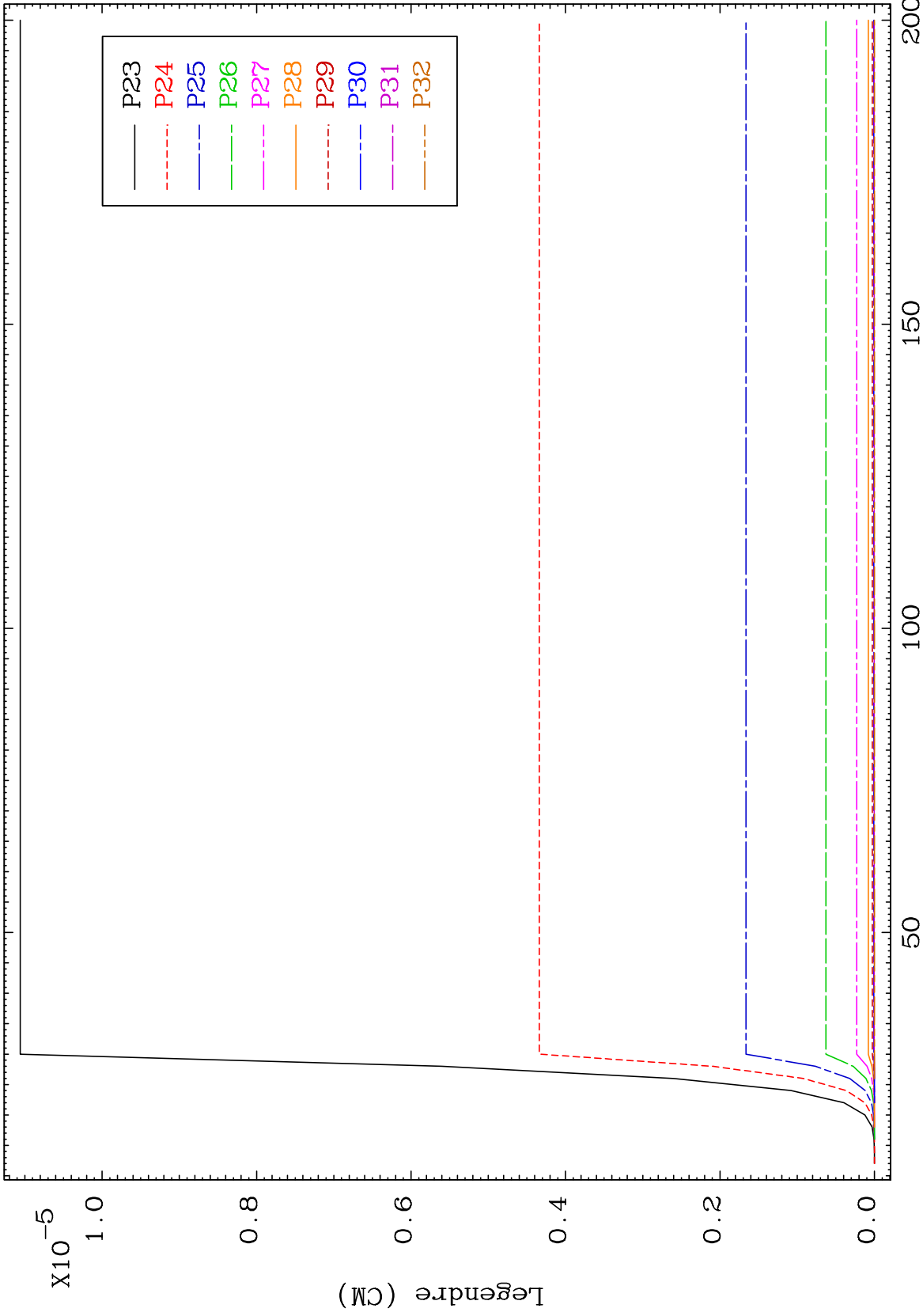
31-Ga-64



MAT 3110

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

31-Ga-64

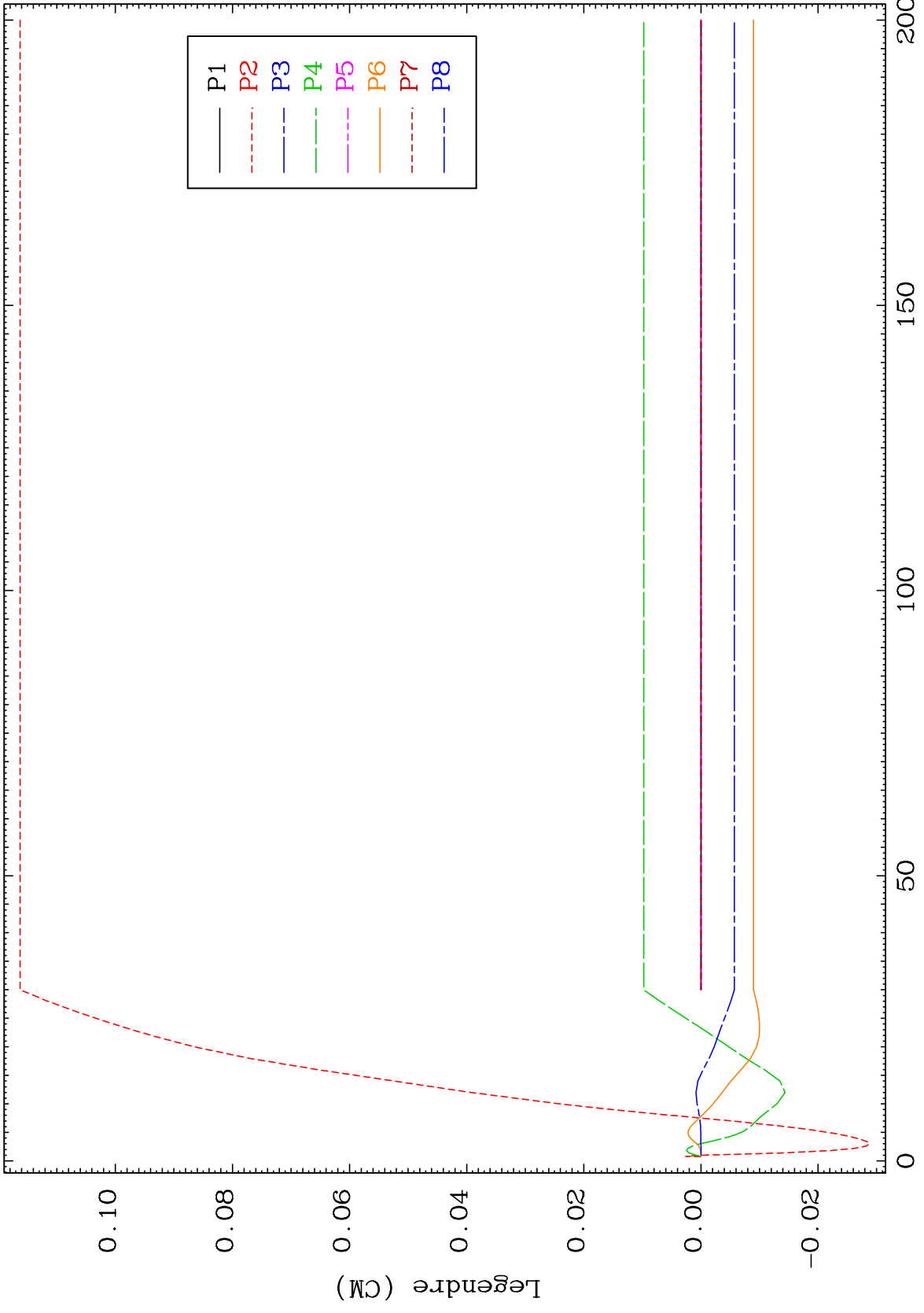


52

Incident Energy (MeV)

31-Ga-64

MAT 3110 MT= 62 (n,n') Level Legendre Coefficients 31-Ga-64

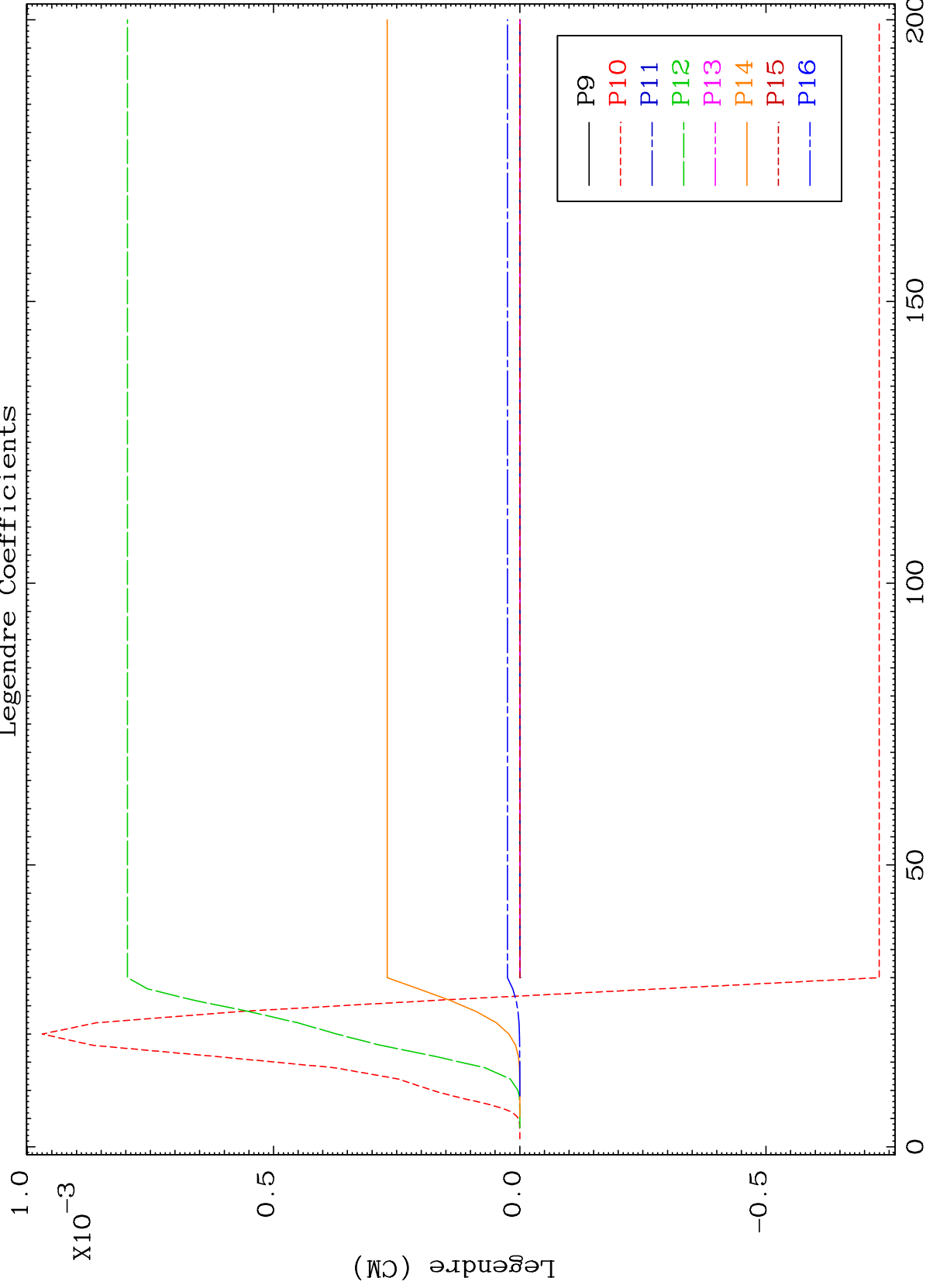


53 31-Ga-64

MAT 3110

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

31-Ga-64

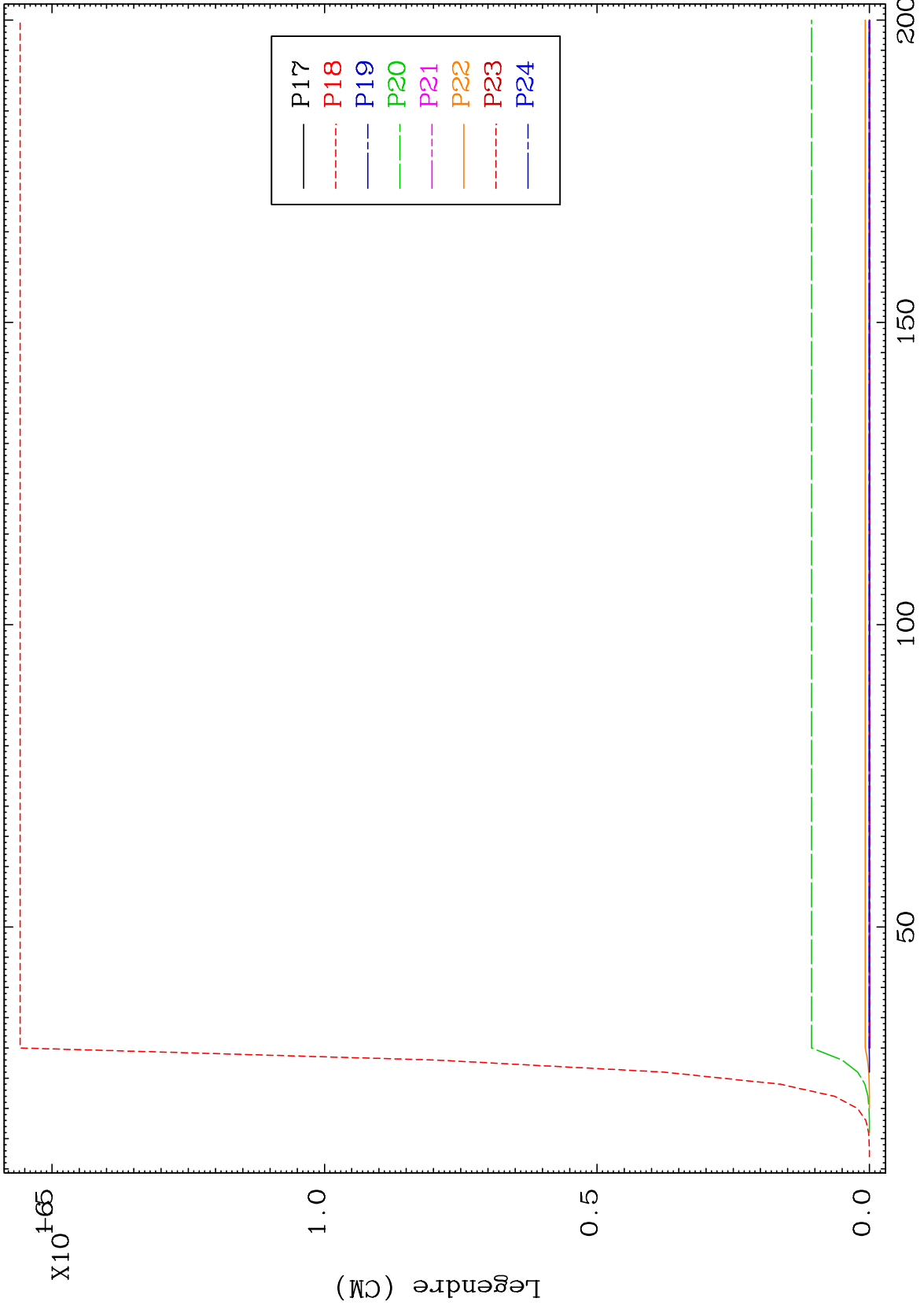


31-Ga-64

Incident Energy (MeV)

54

MAT 3110 MT= 62 (n,n') Level Legendre Coefficients 31-Ga-64

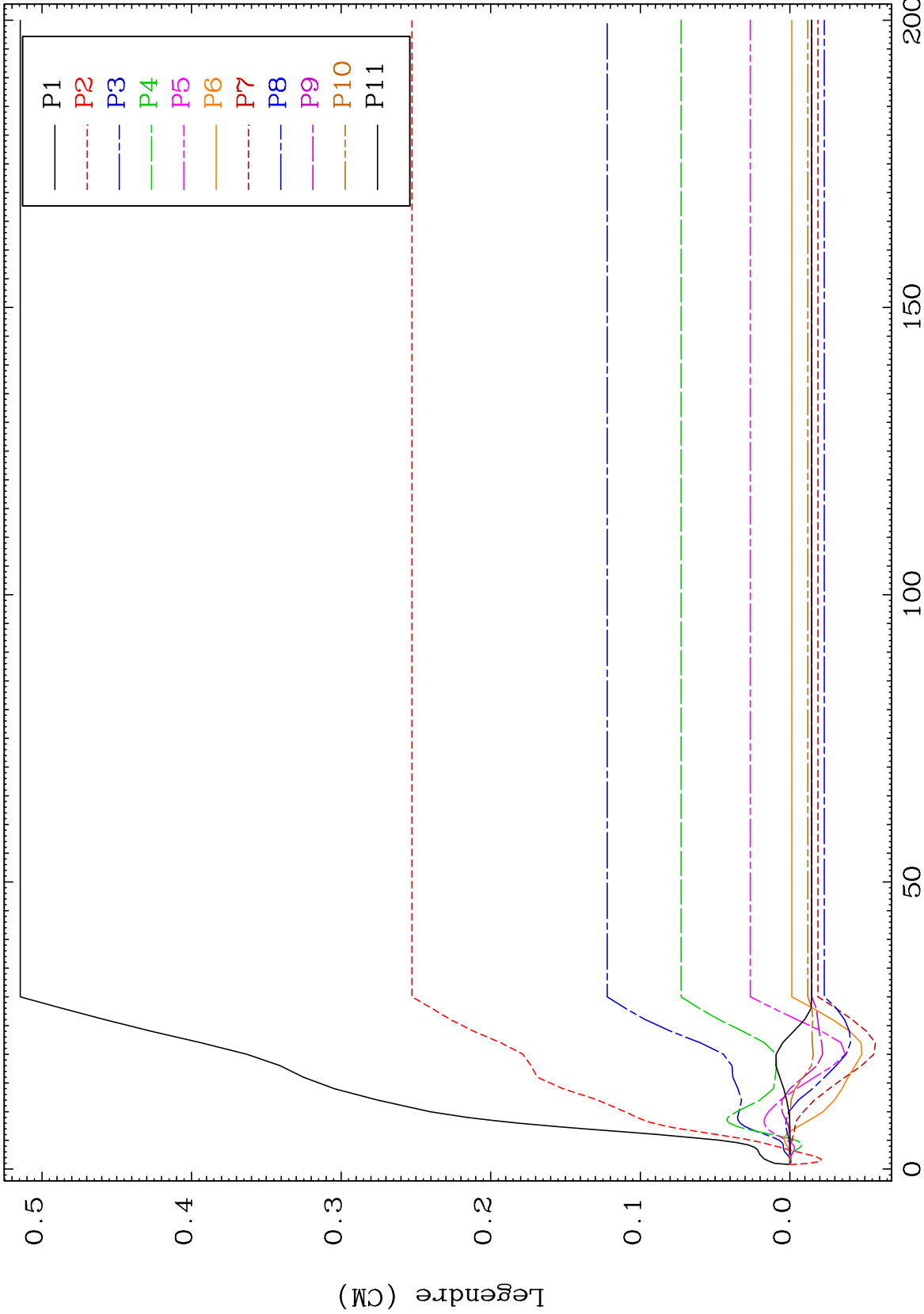


55 100 150 200 31-Ga-64

MAT 3110

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

31-Ga-64



56

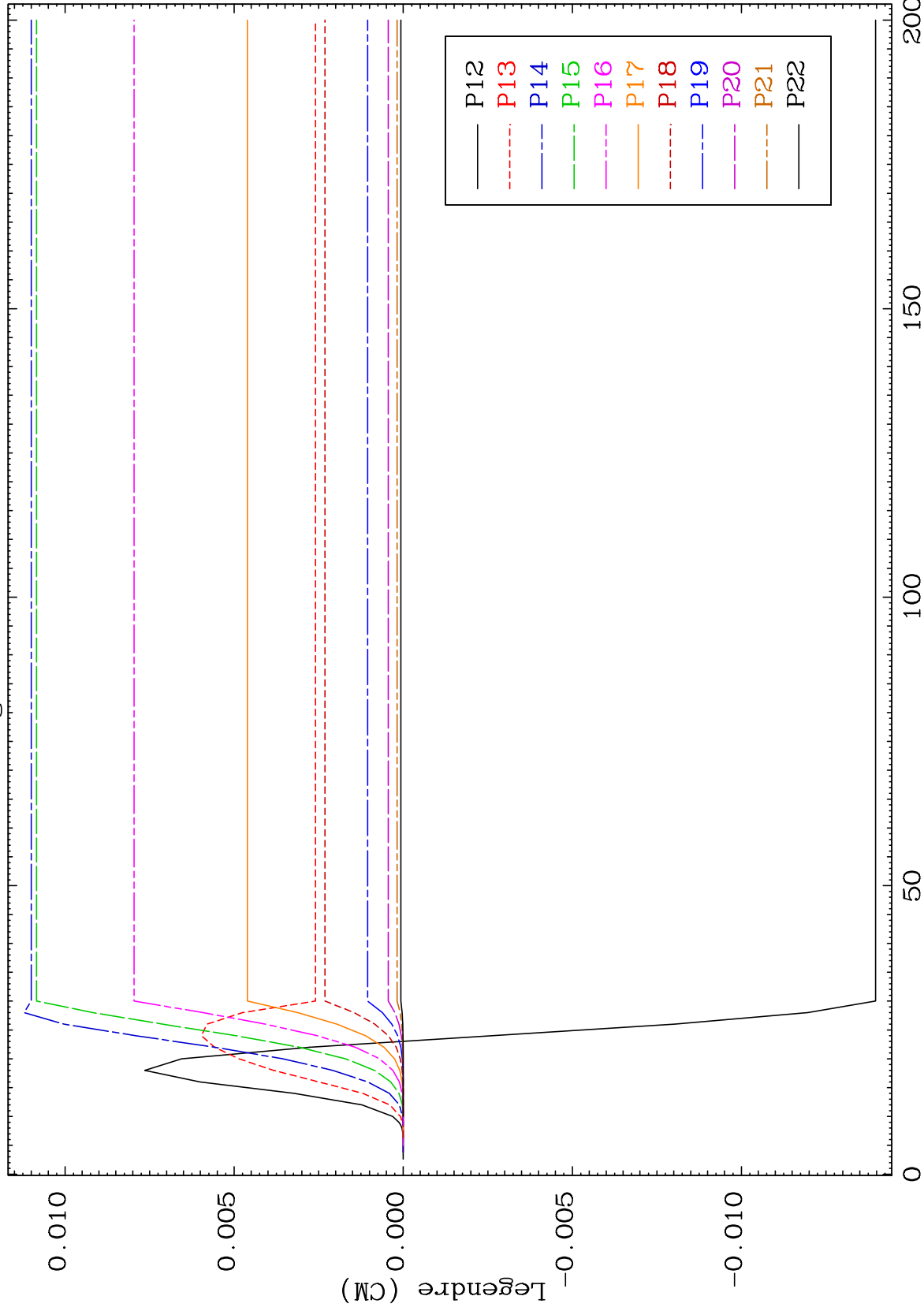
Incident Energy (MeV)

31-Ga-64

MAT 3110

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

31-Ga-64



57

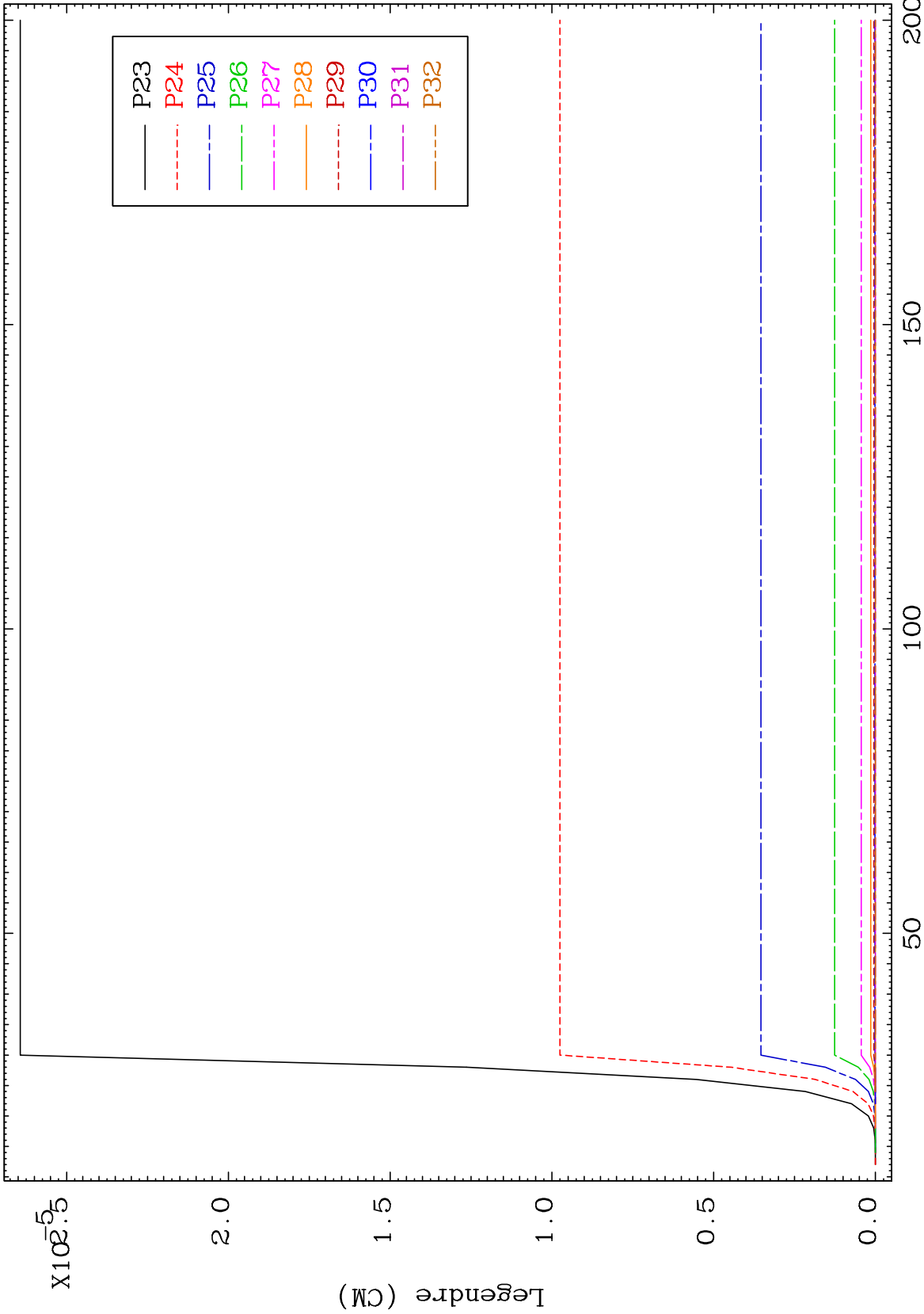
Incident Energy (MeV)

31-Ga-64

MAT 3110

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

31-Ga-64

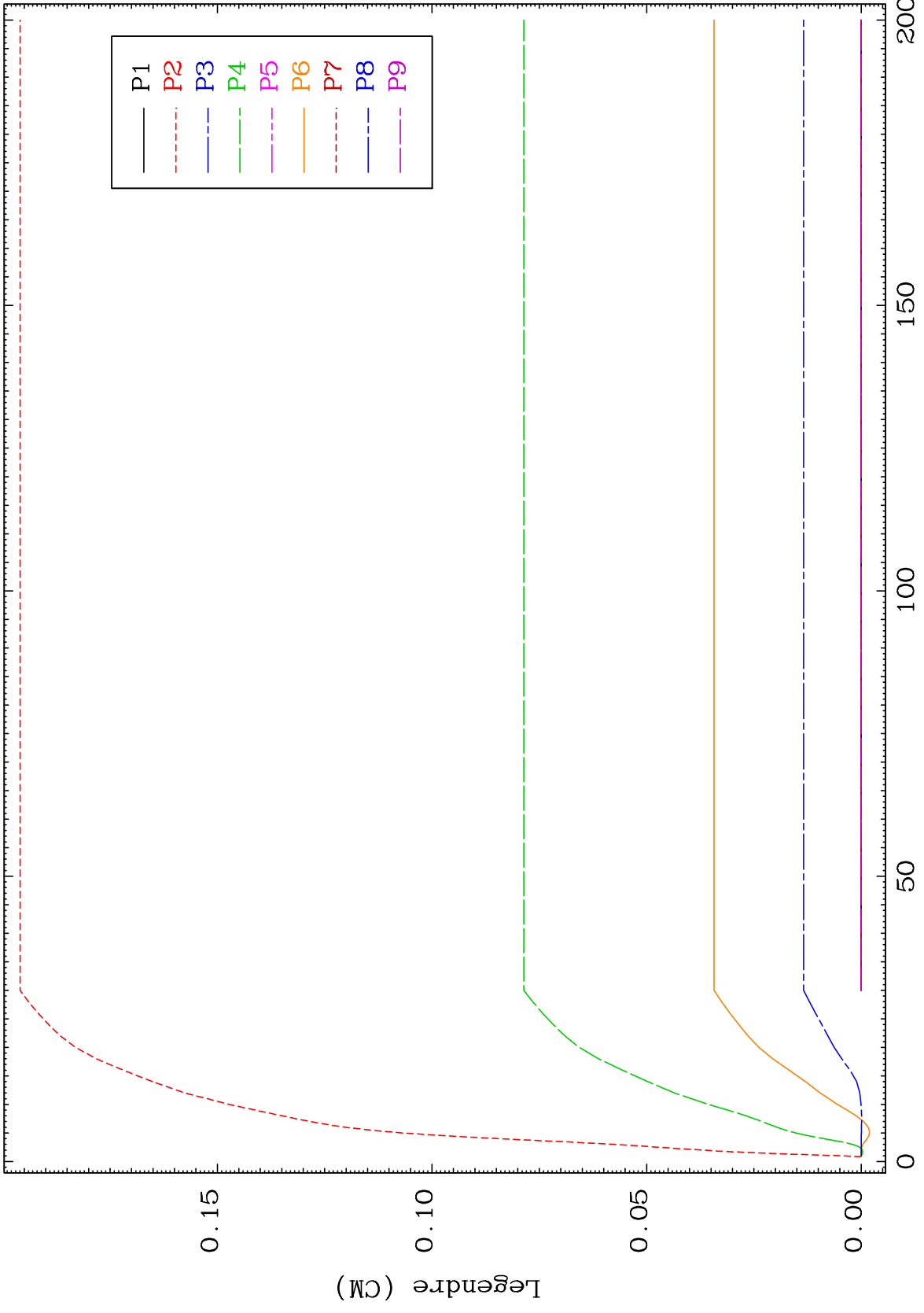


58

Incident Energy (MeV)

31-Ga-64

MAT 3110 MT= 64 (n,n') Level Legendre Coefficients 31-Ga-64

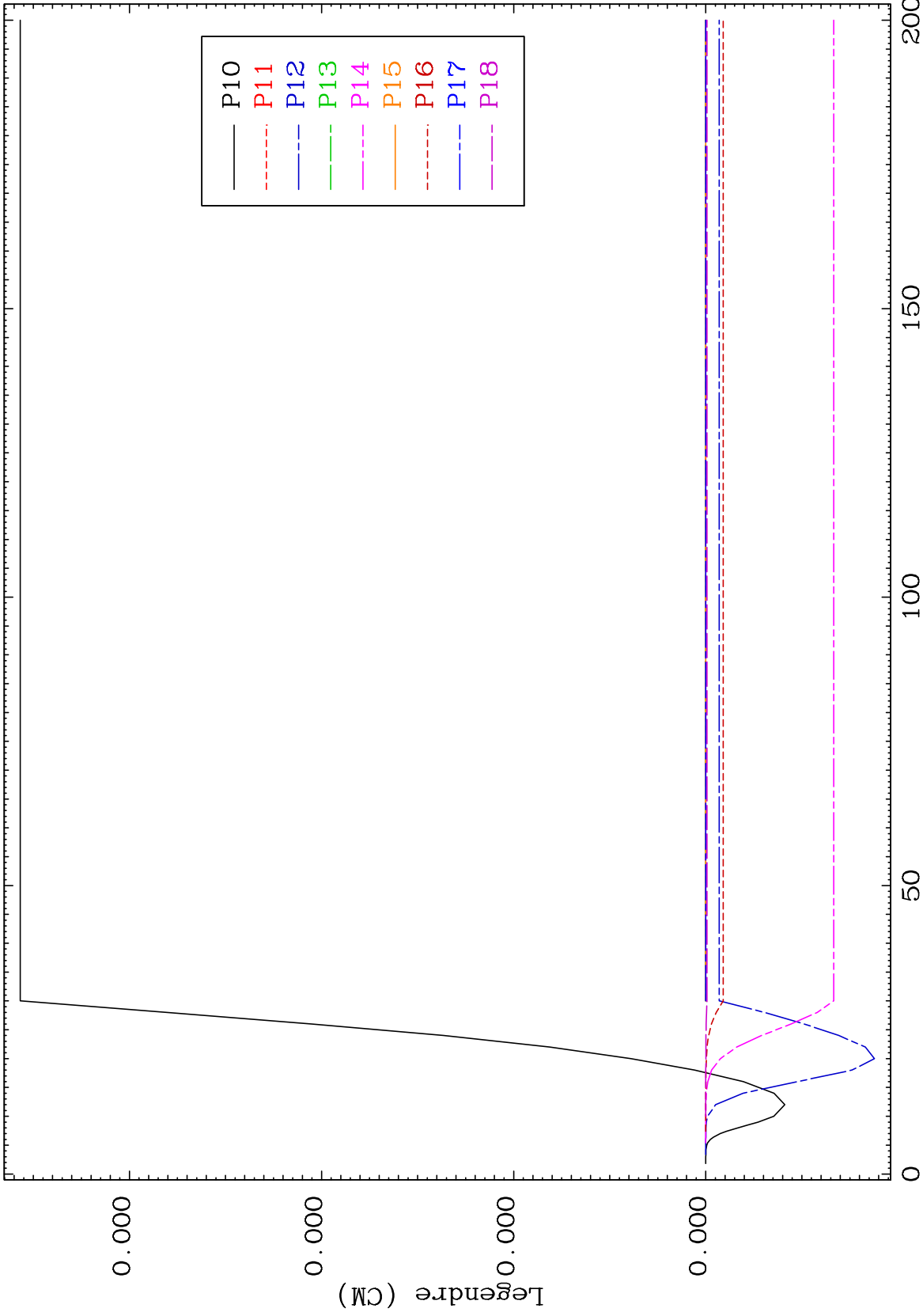


59 31-Ga-64

MAT 3110

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

31-Ga-64



0

50

100

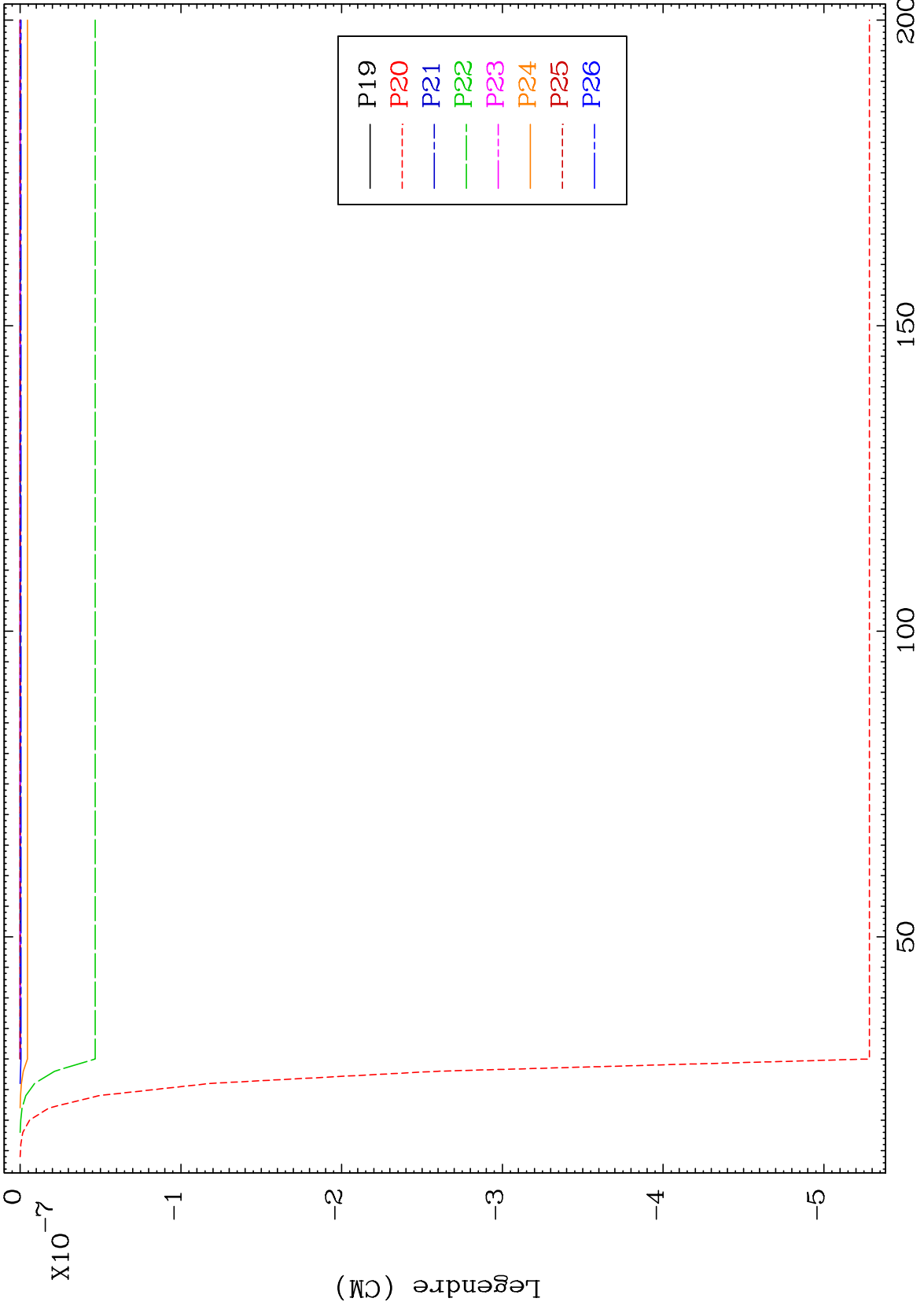
150

200

Incident Energy (MeV)

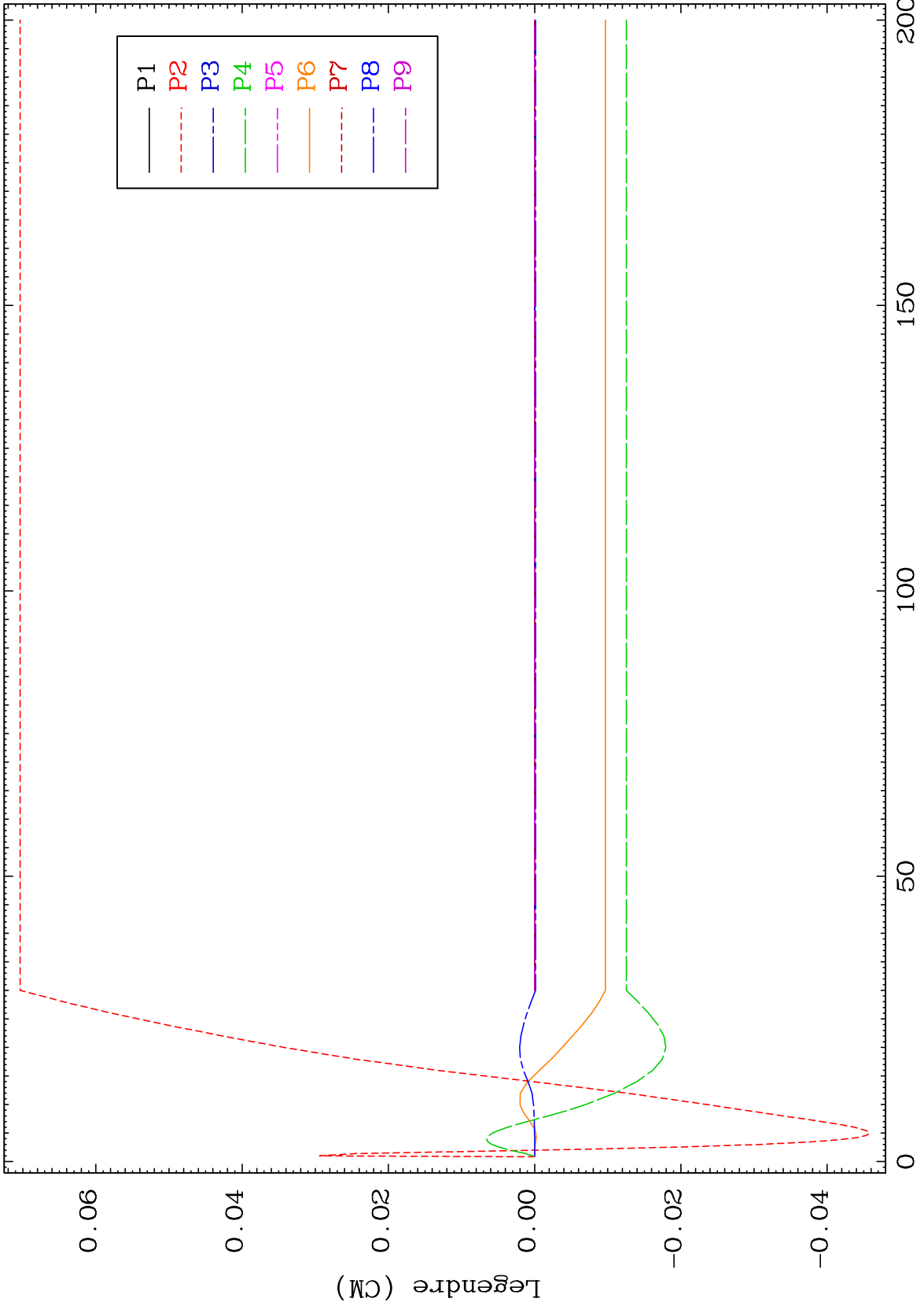
31-Ga-64

MAT 3110 MT= 64 (n,n') Level Legendre Coefficients 31-Ga-64



61 31-Ga-64

MAT 3110 MT= 65 (n,n') Level Legendre Coefficients 31-Ga-64

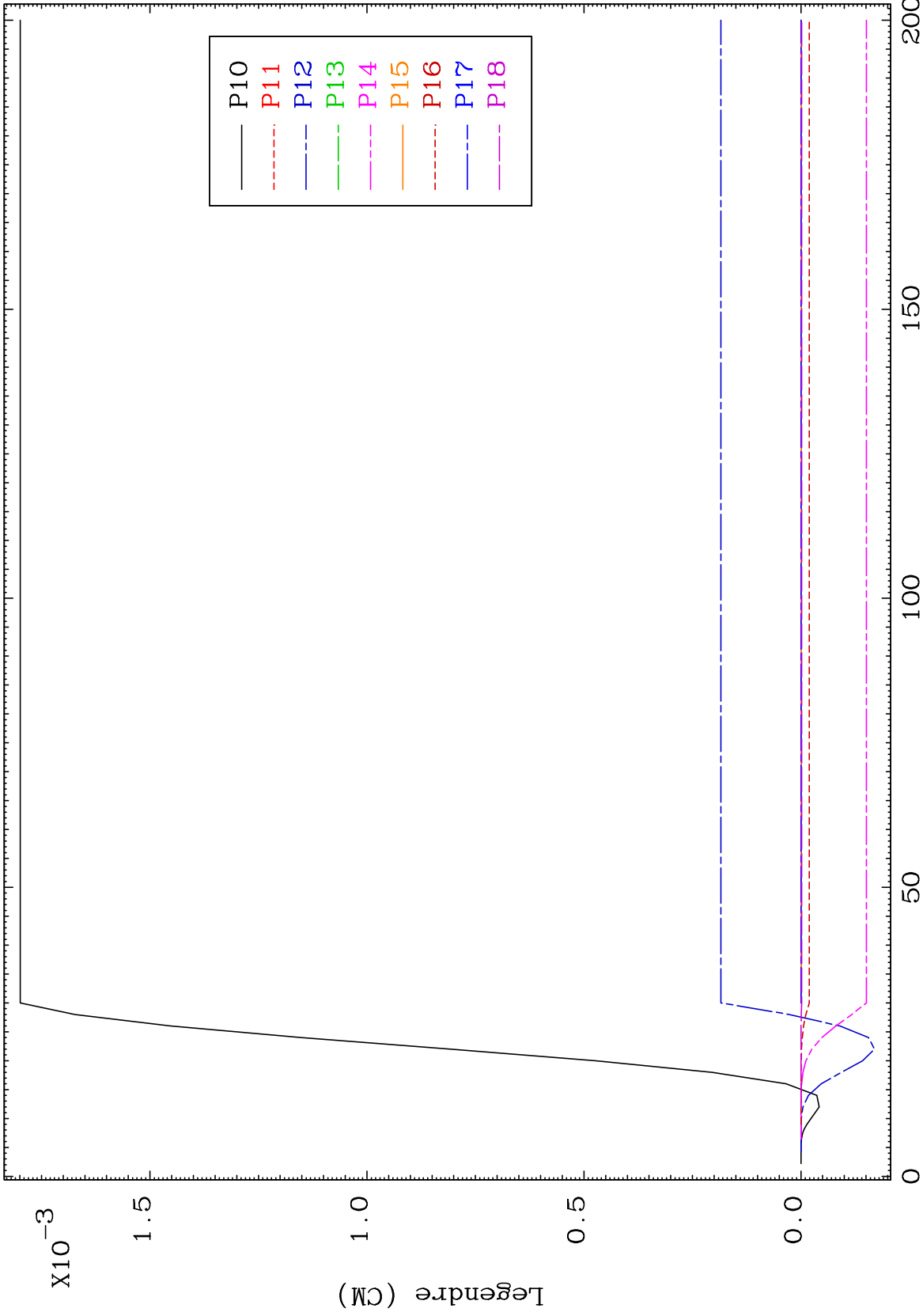


62 Incident Energy (MeV) 31-Ga-64

MAT 3110

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

31-Ga-64



63

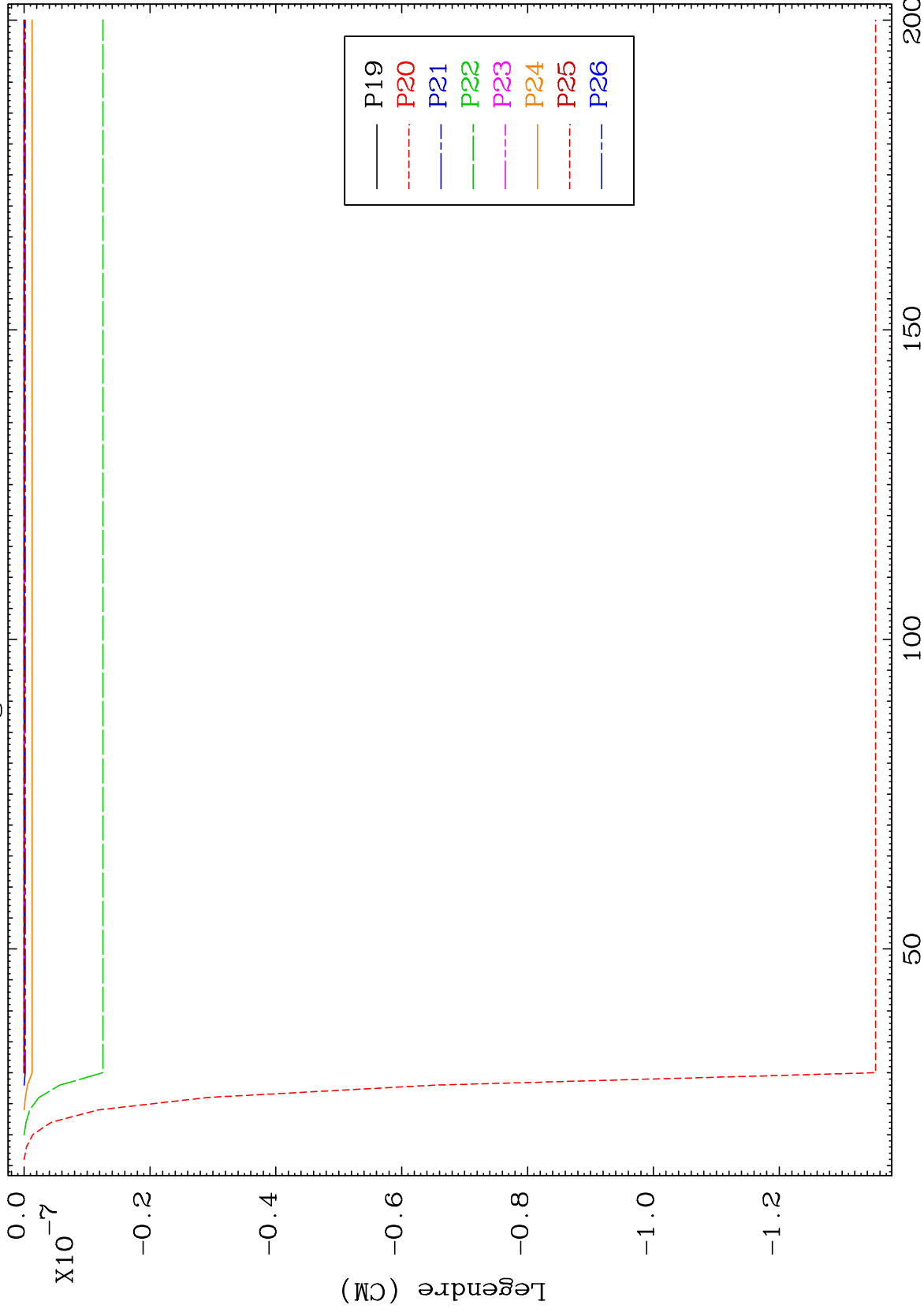
Incident Energy (MeV)

31-Ga-64

MAT 3110

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

31-Ga-64

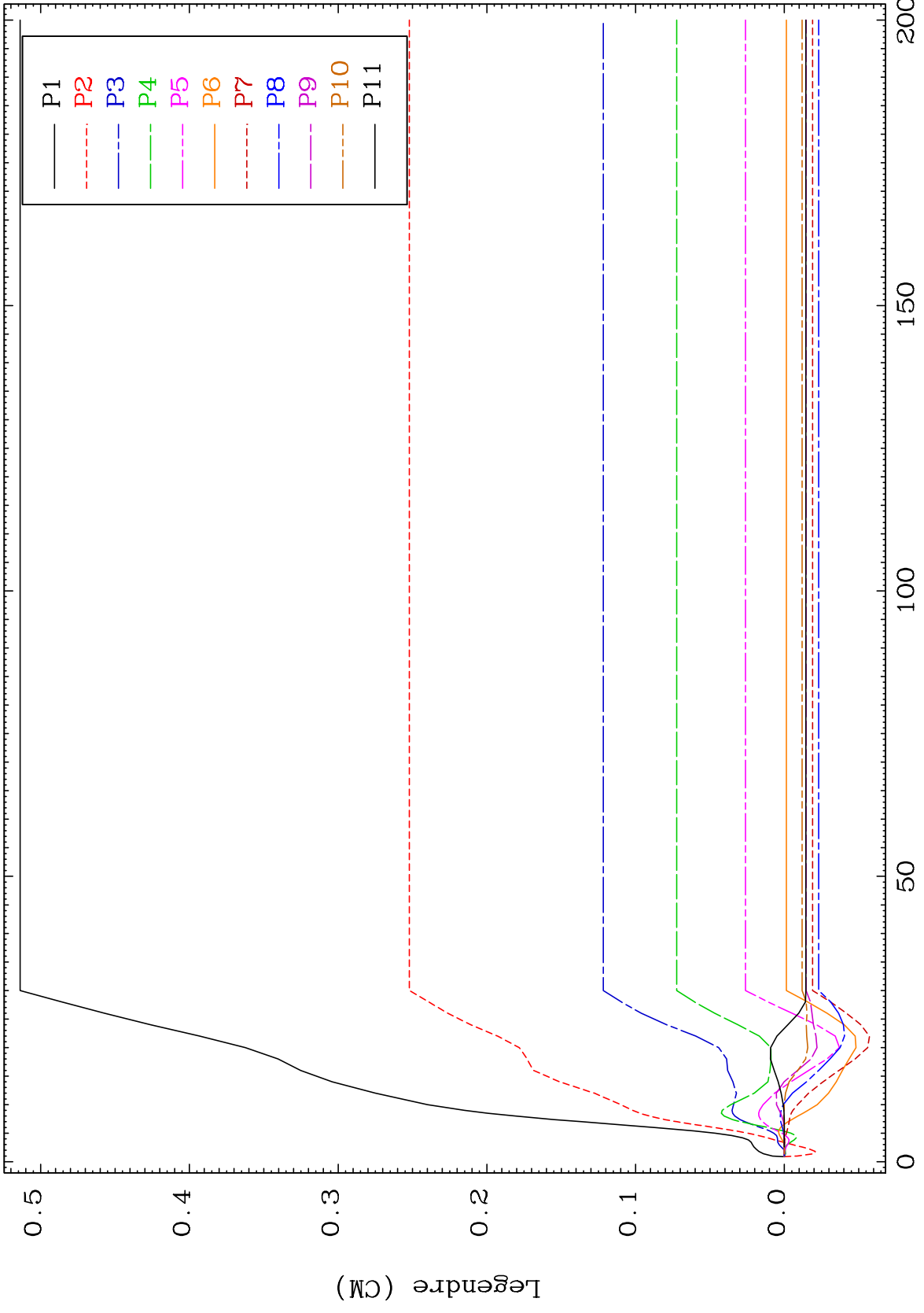


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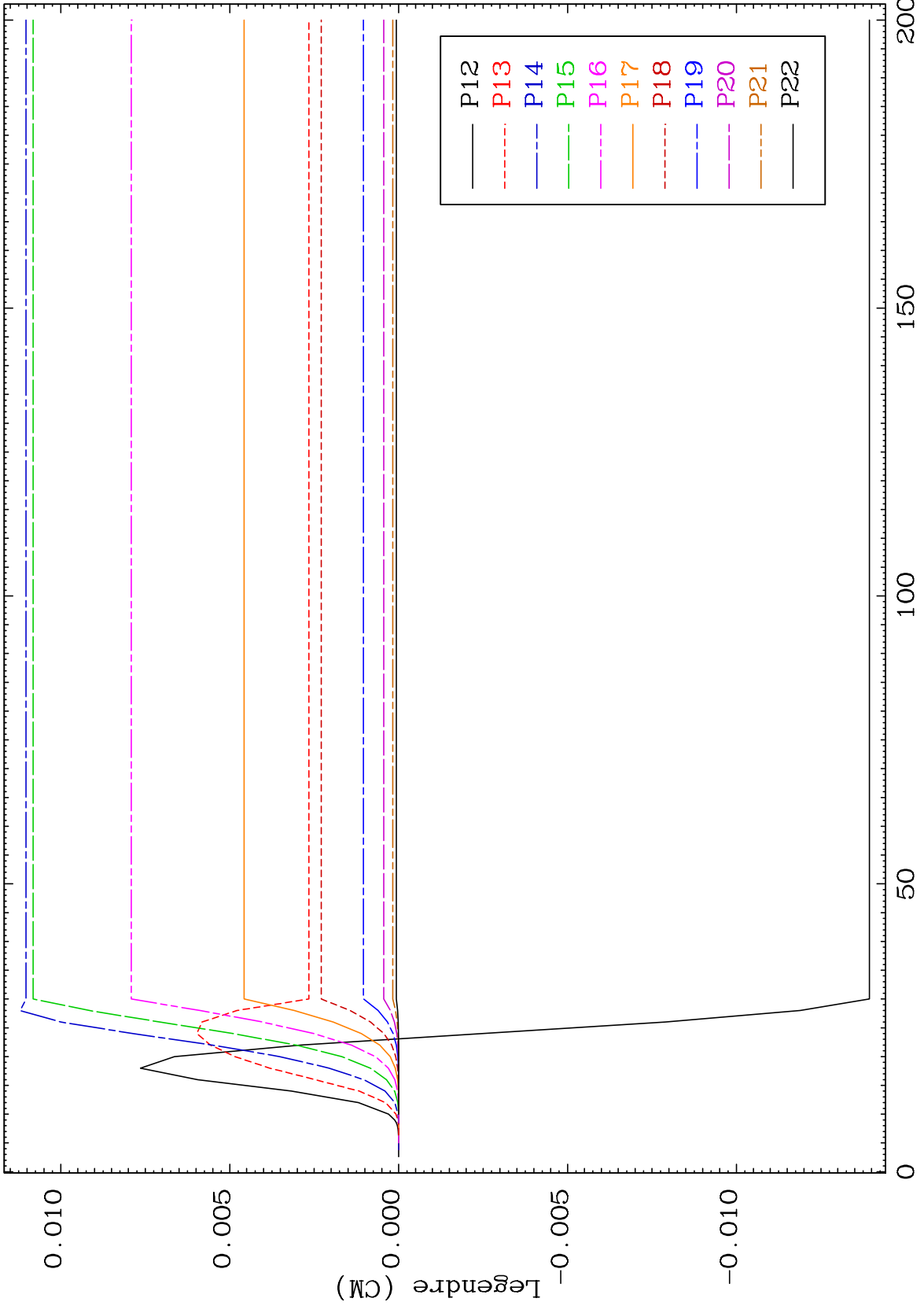
Incident Energy (MeV)

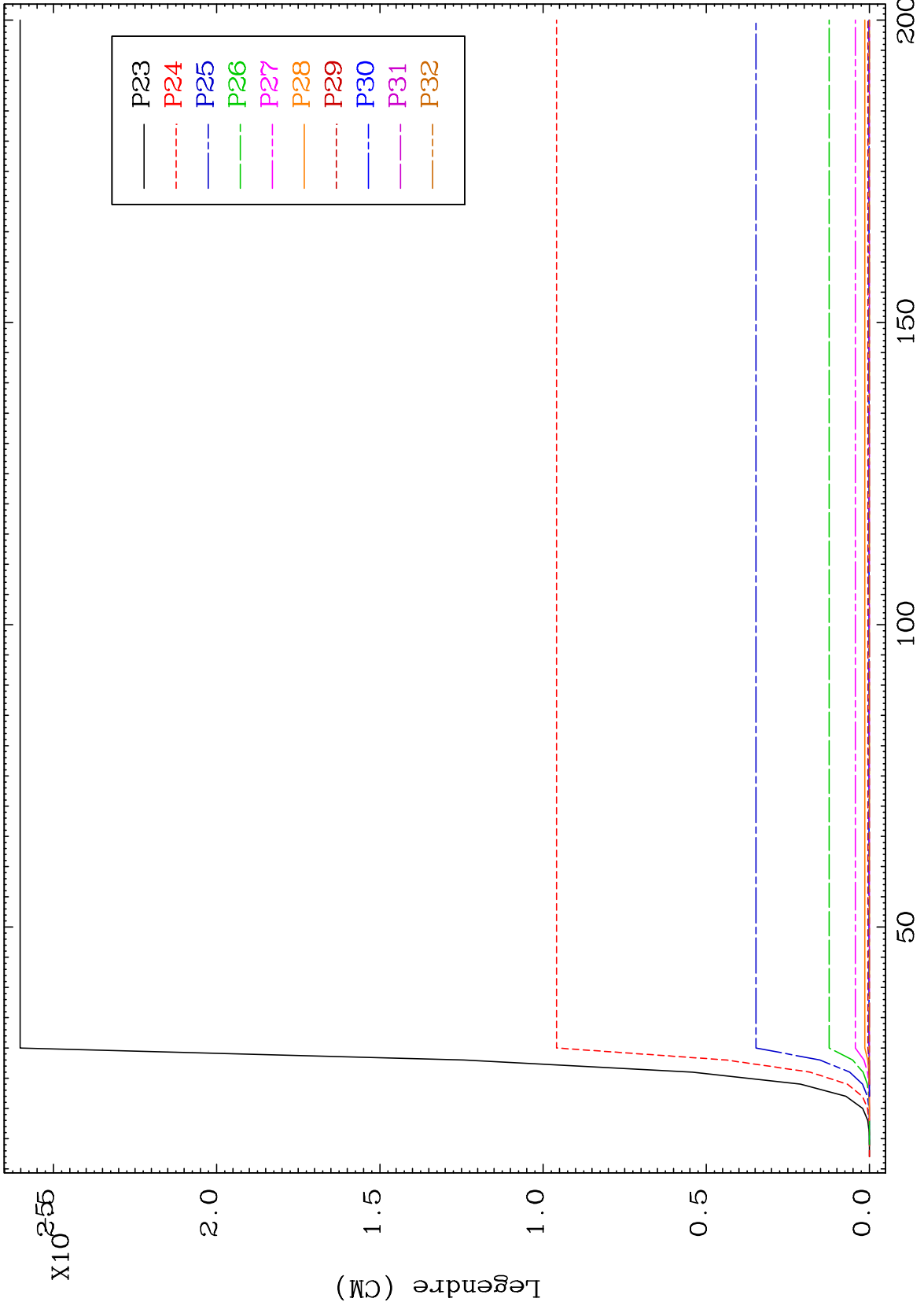
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MAT 3110 MT= 66 (n,n') Level Legendre Coefficients 31-Ga-64

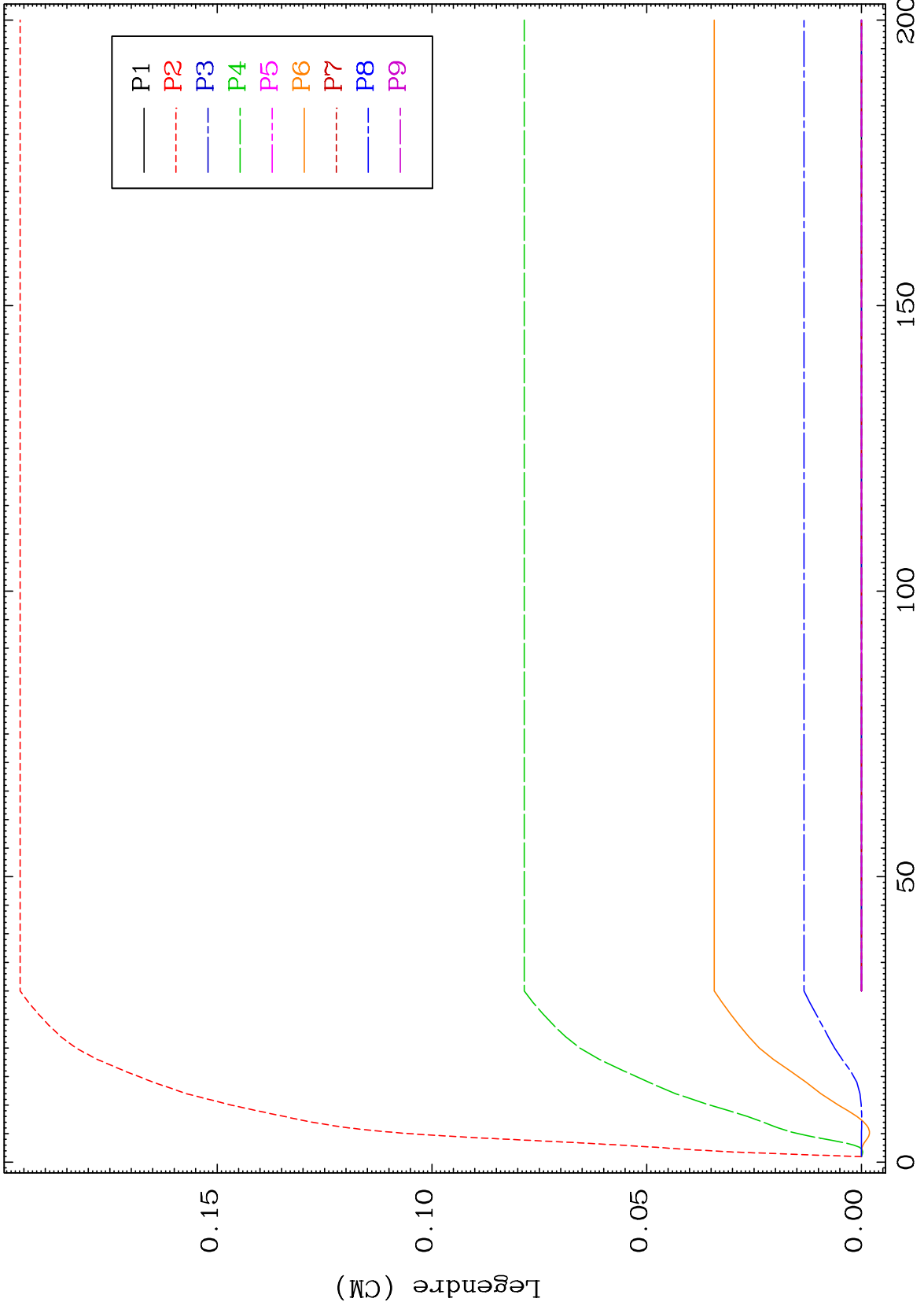


65 31-Ga-64





MAT 3110 MT= 67 (n,n') Level Legendre Coefficients 31-Ga-64

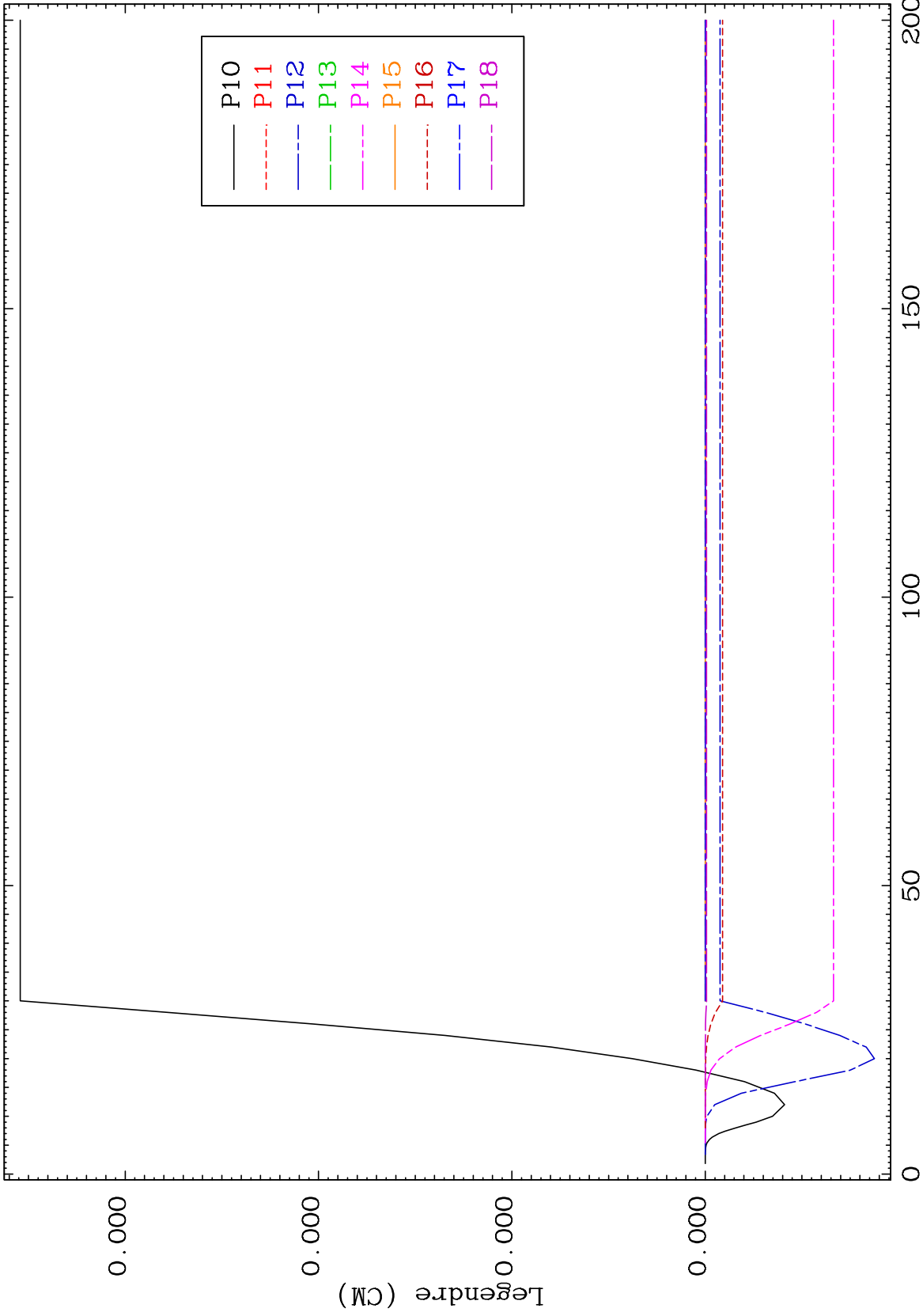


68 31-Ga-64

MAT 3110

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

31-Ga-64

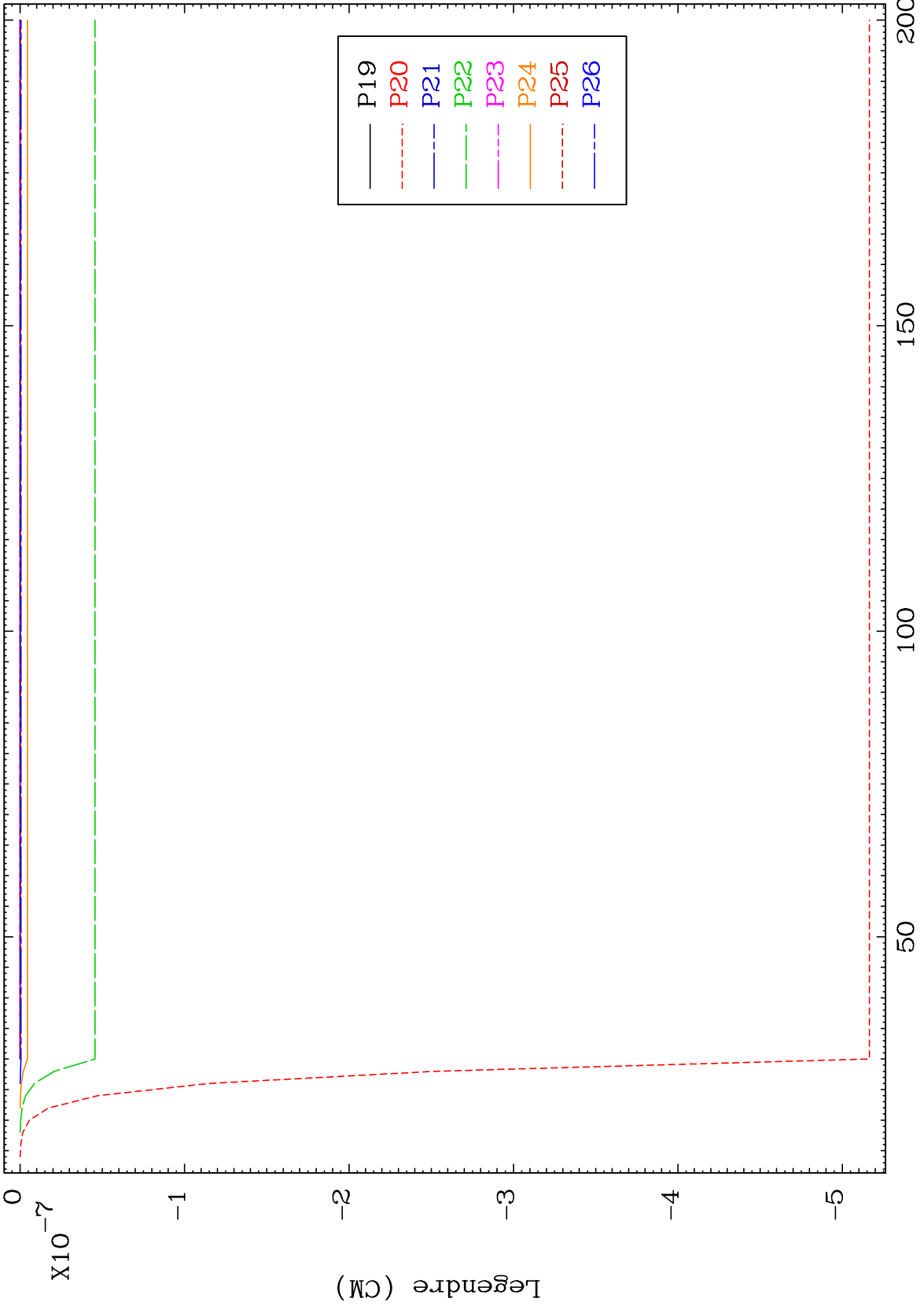


69

Incident Energy (MeV)

31-Ga-64

MAT 3110 MT= 67 (n,n') Level Legendre Coefficients 31-Ga-64

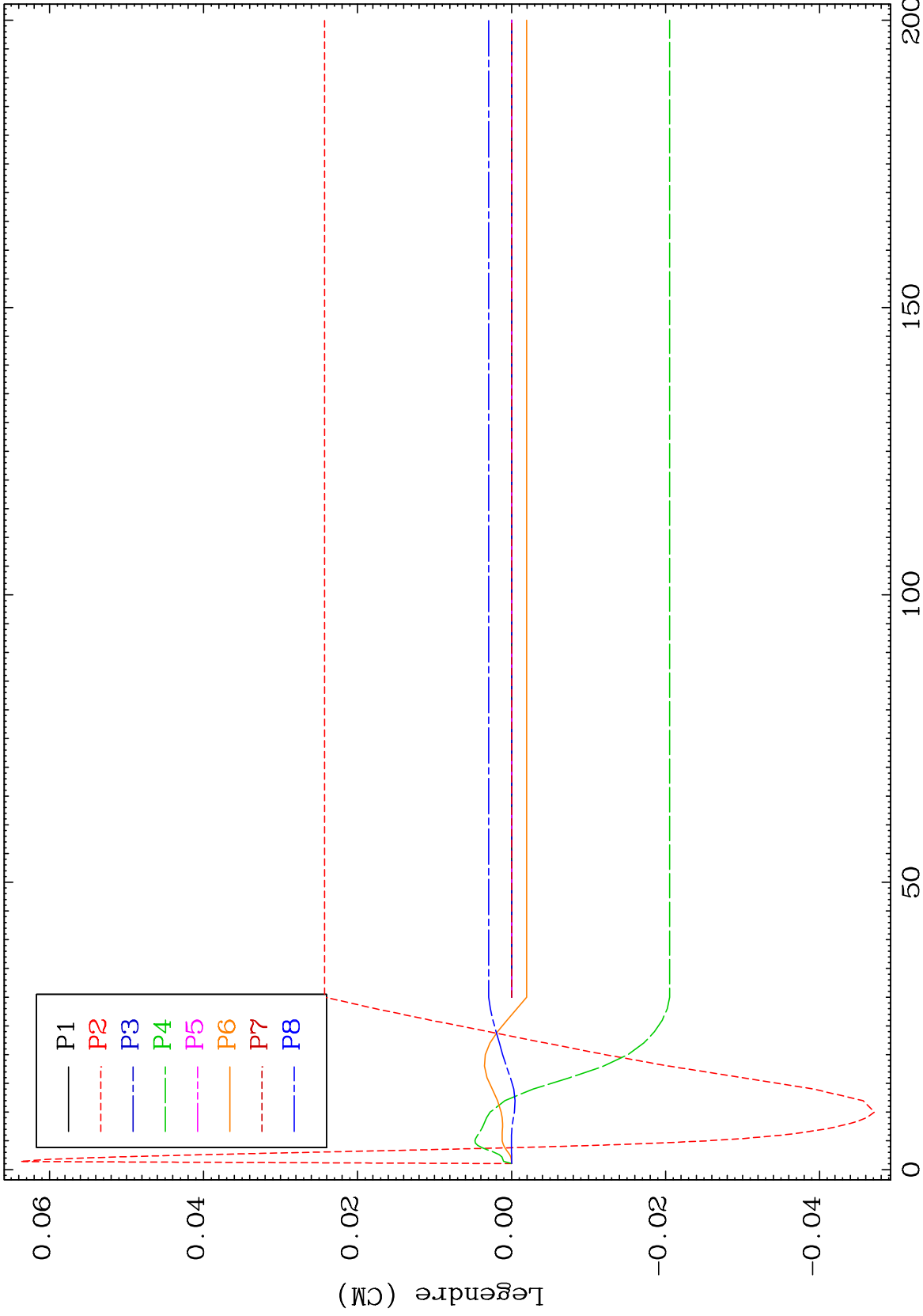


70 50 100 150 200 Incident Energy (MeV) 31-Ga-64

MAT 3110

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

31-Ga-64

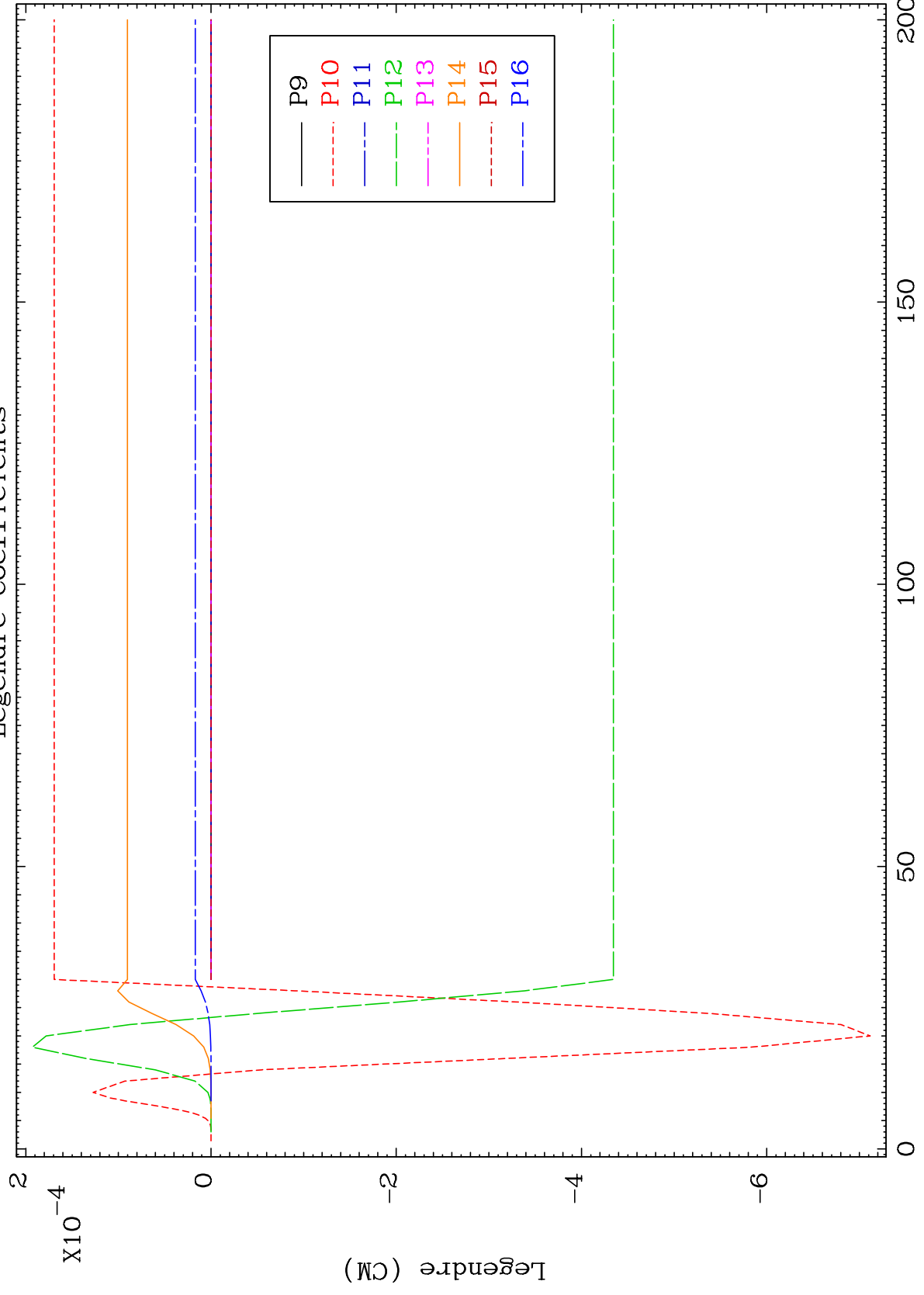


71

Incident Energy (MeV)

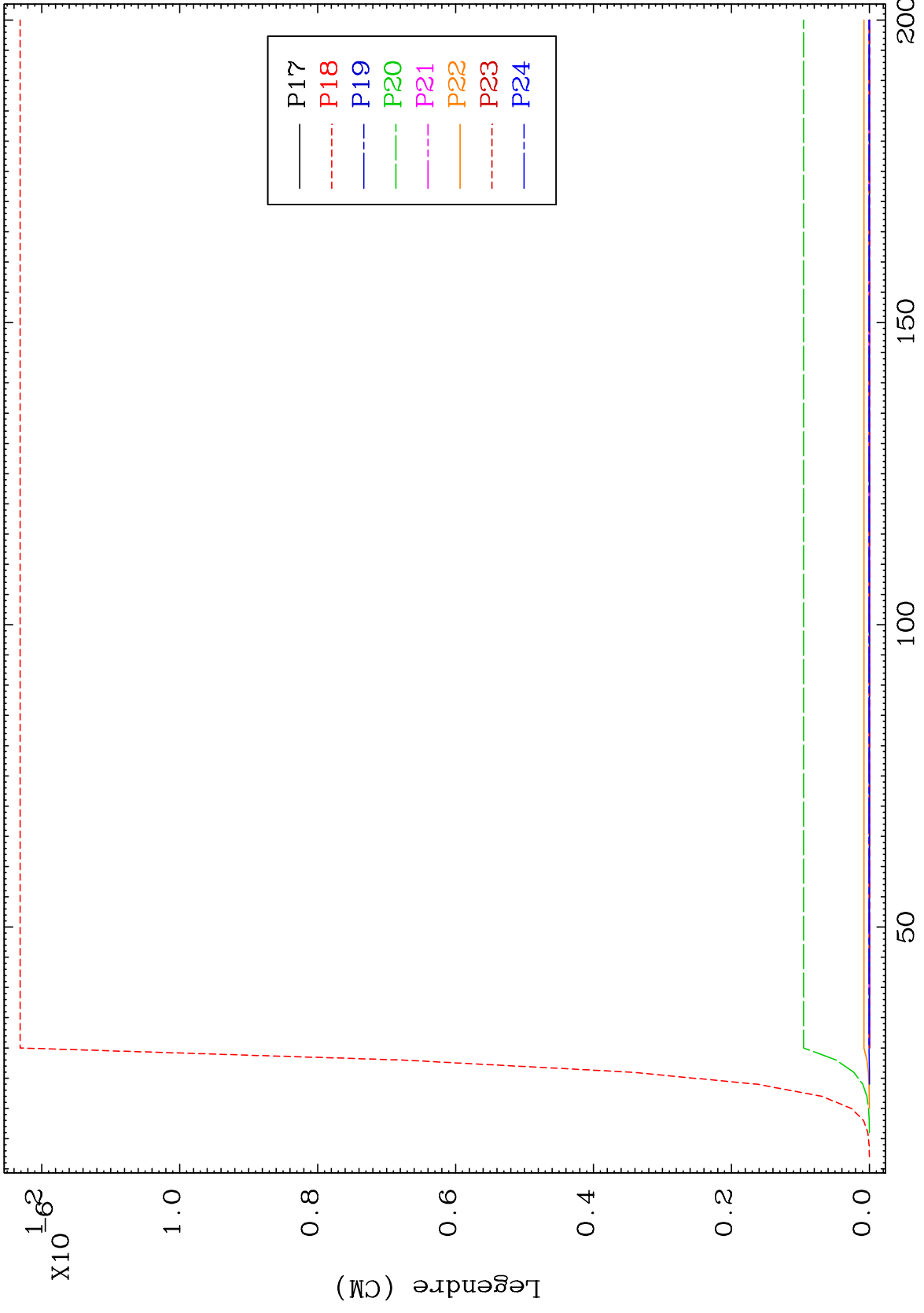
31-Ga-64

MAT 3110 MT= 68 (n,n') Level Legendre Coefficients 31-Ga-64



72 31-Ga-64

MAT 3110 MT= 68 (n,n') Level Legendre Coefficients 31-Ga-64

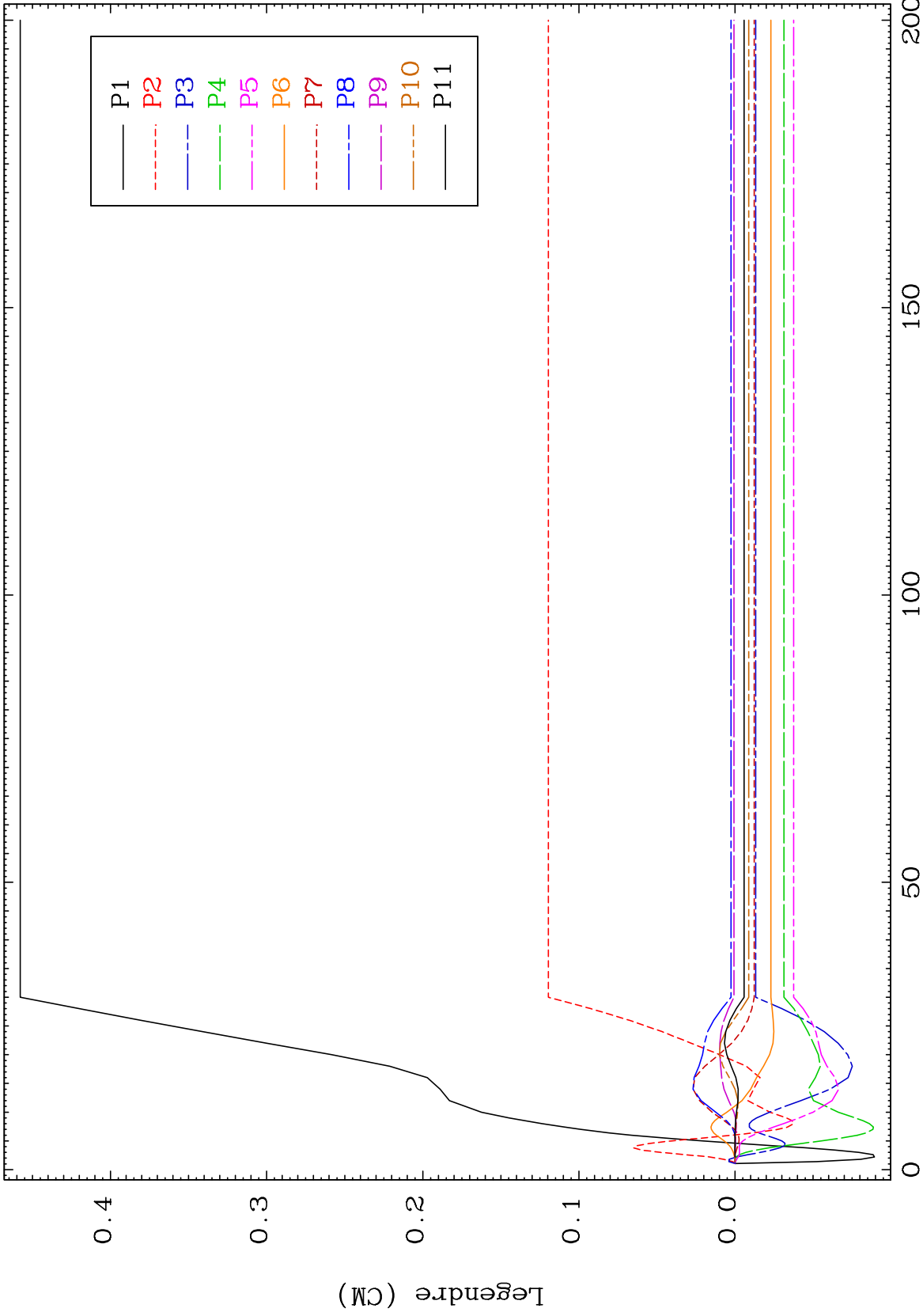


73 Incident Energy (MeV) 31-Ga-64

MAT 3110

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

31-Ga-64



74

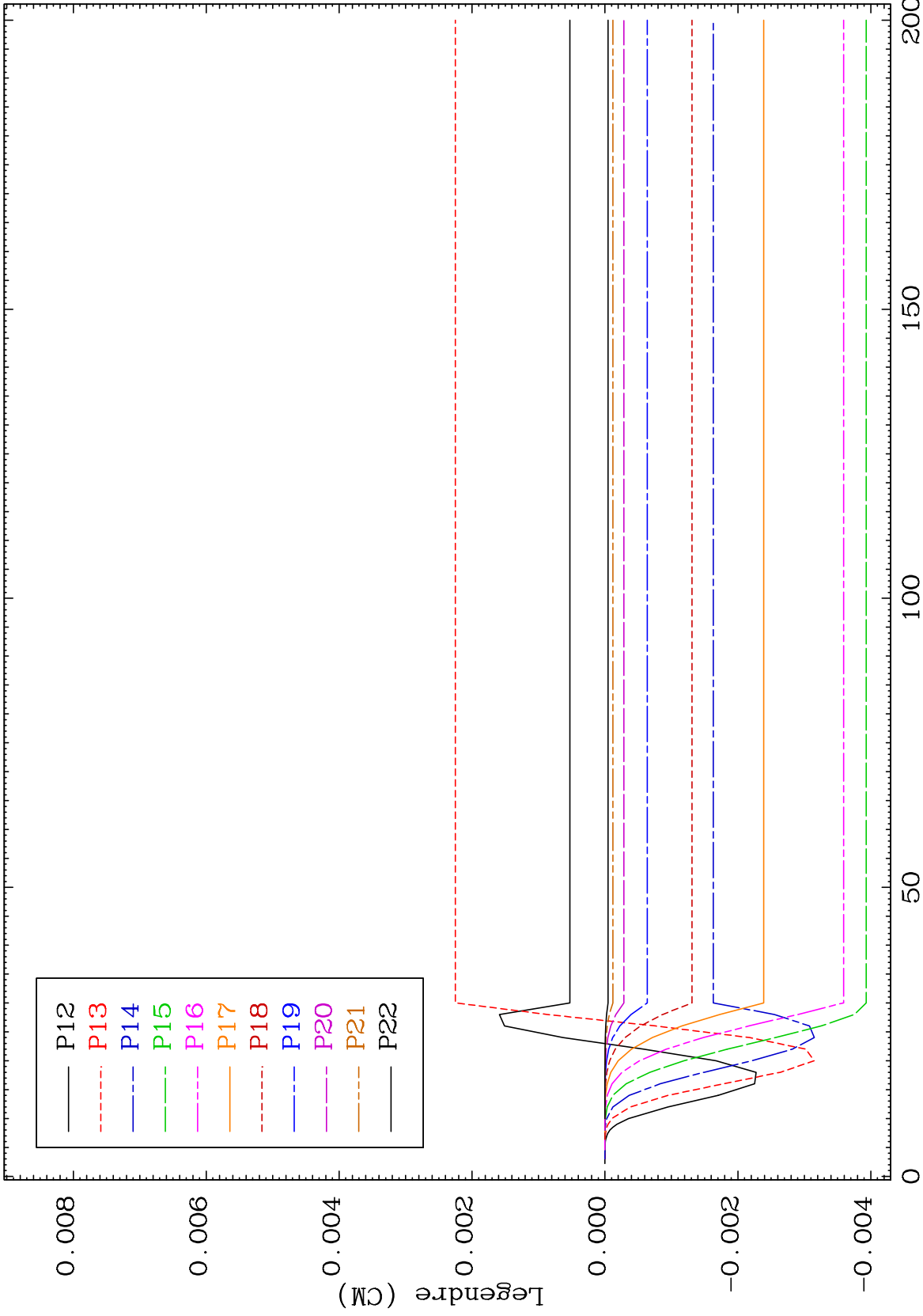
Incident Energy (MeV)

31-Ga-64

MAT 3110

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

31-Ga-64



75

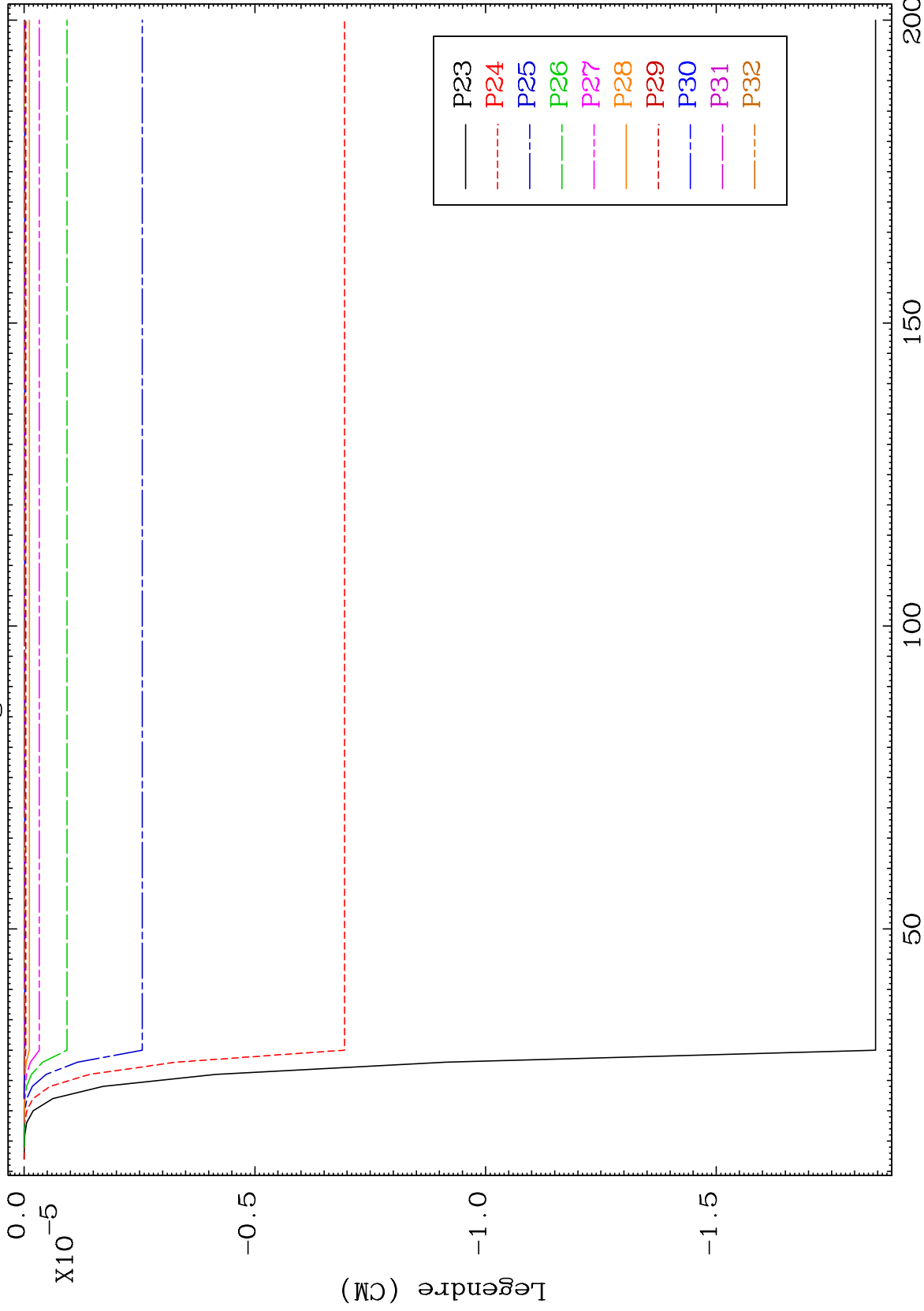
Incident Energy (MeV)

31-Ga-64

MAT 3110

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

31-Ga-64



76

31-Ga-64

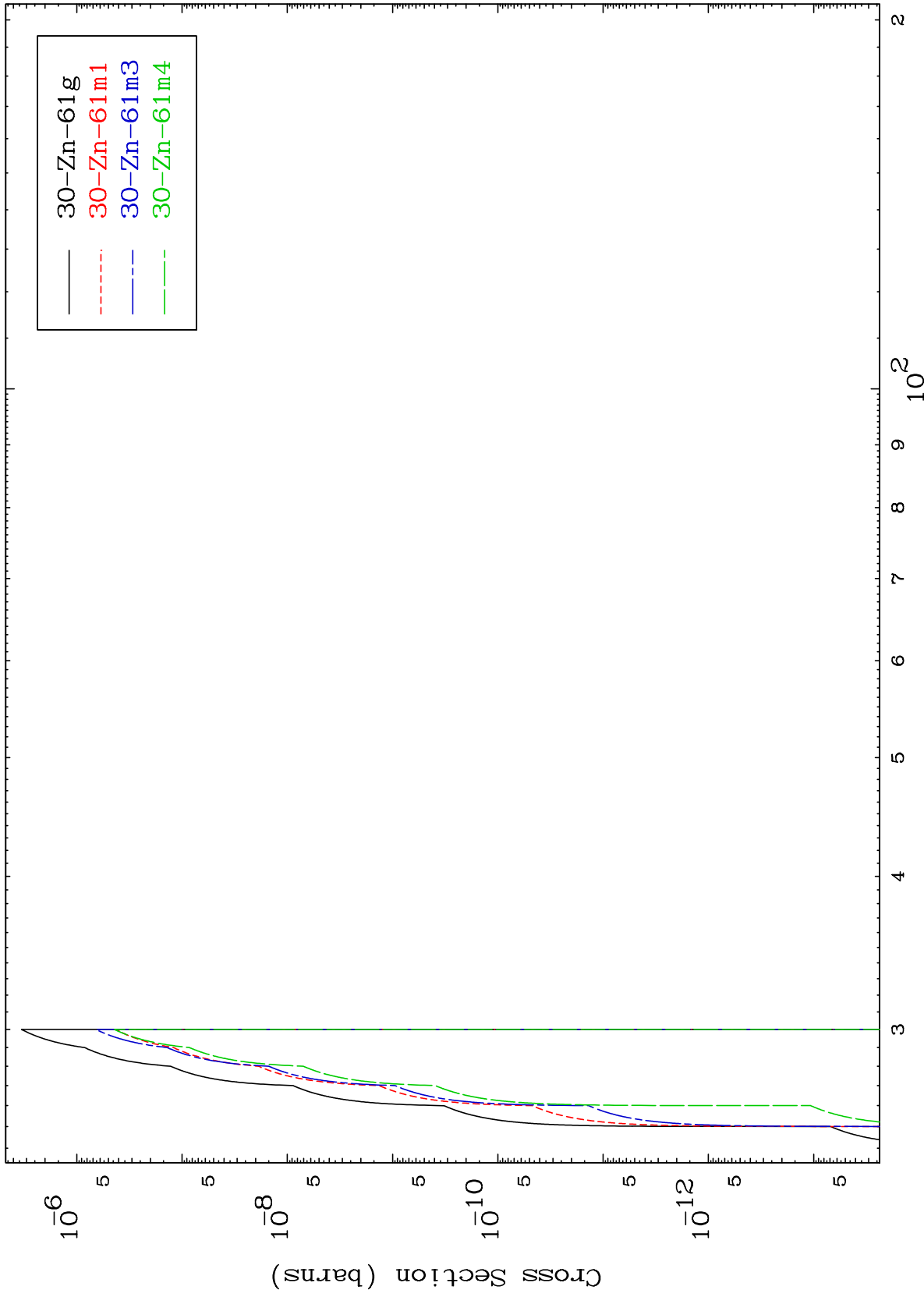
31-Ga-64

MAT 3110

(n,2n) d

31-Ga-64

Radionuclide Production Cross Section



77

Incident Energy (MeV)

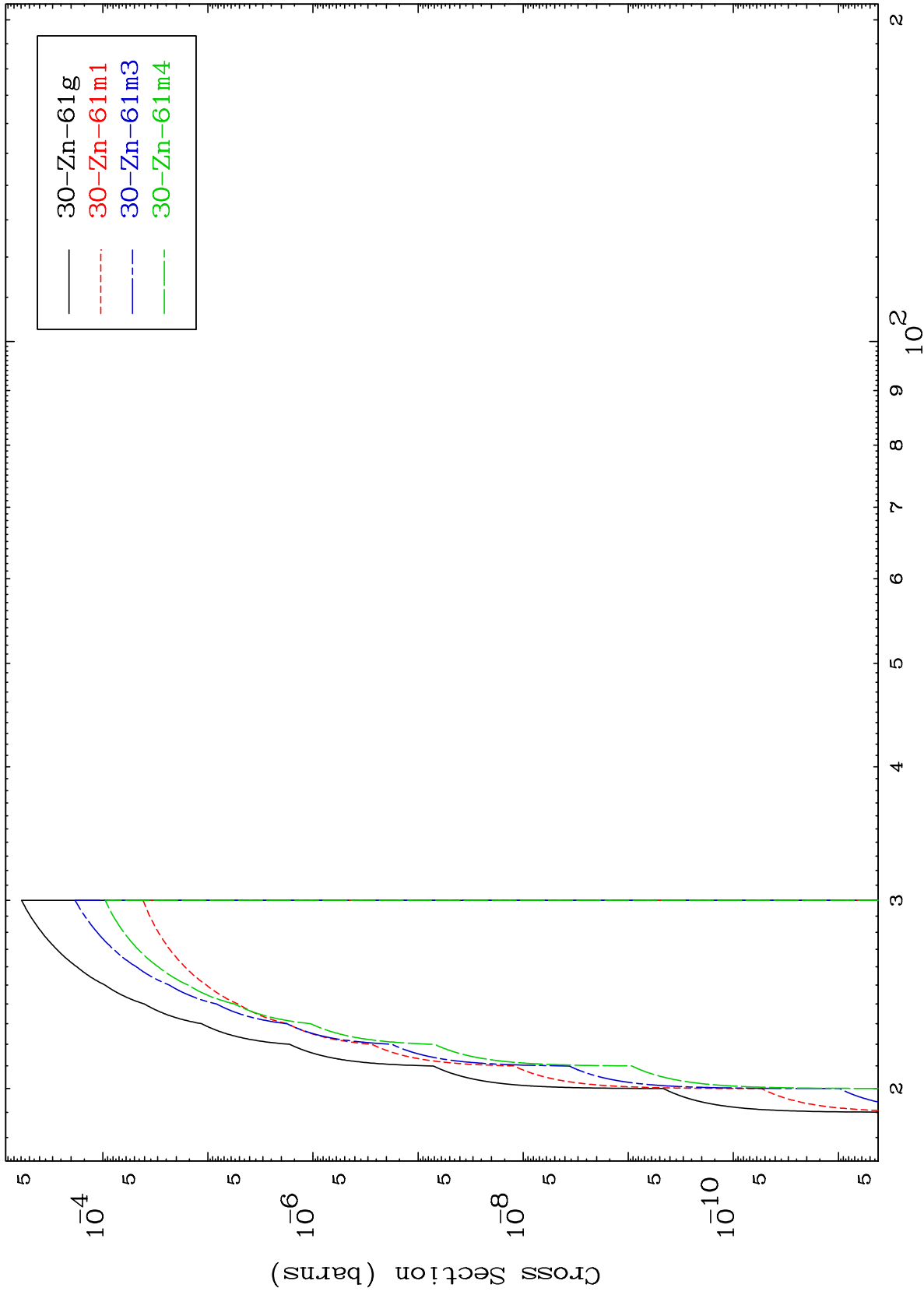
31-Ga-64

MAT 3110

(n,n') t

31-Ga-64

Radionuclide Production Cross Section



78

Incident Energy (MeV)

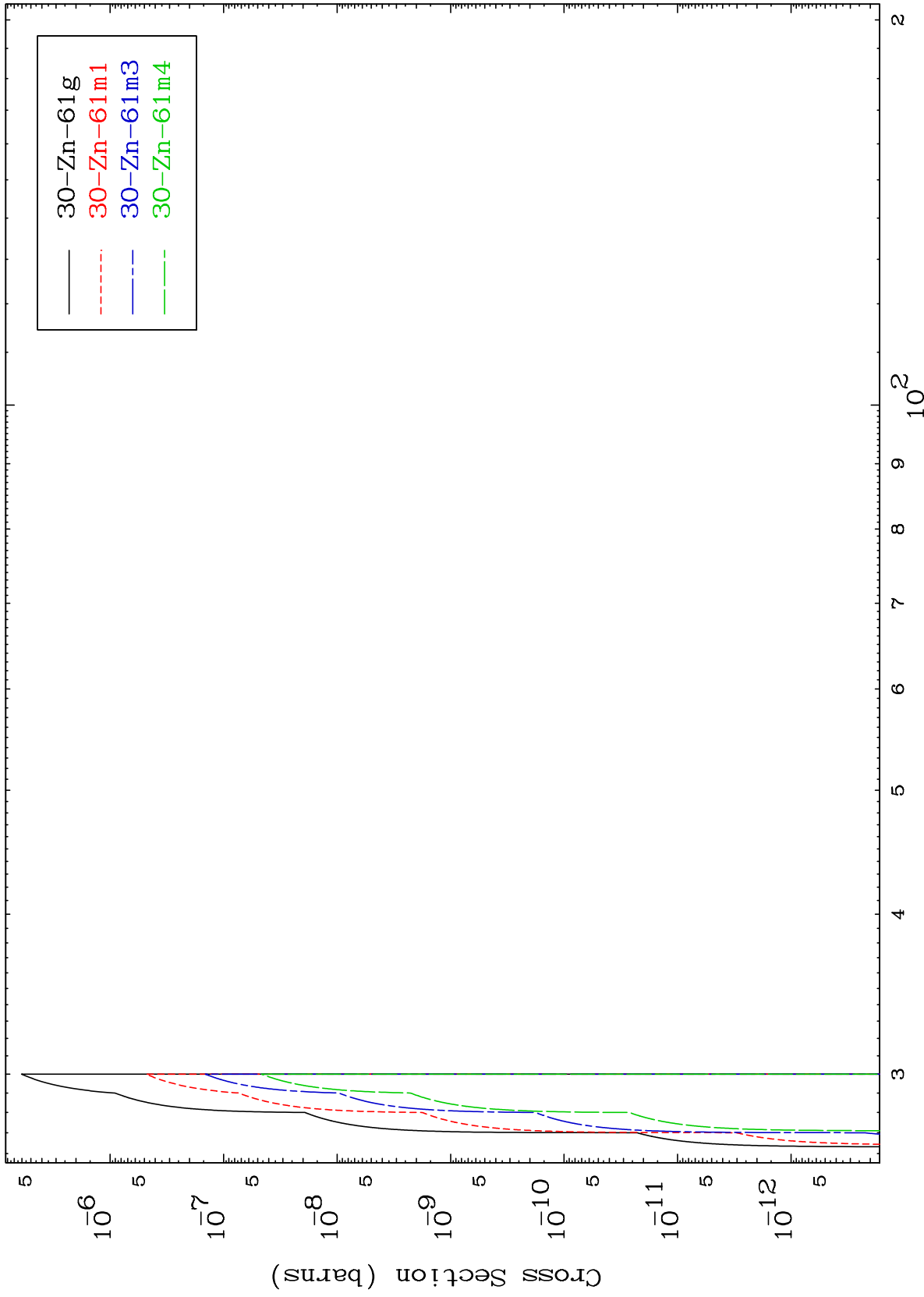
31-Ga-64

MAT 3110

(n,3n) p

31-Ga-64

Radionuclide Production Cross Section



79

Incident Energy (MeV)

31-Ga-64