

Program EVALPLOT
(Version 2021-1)

by

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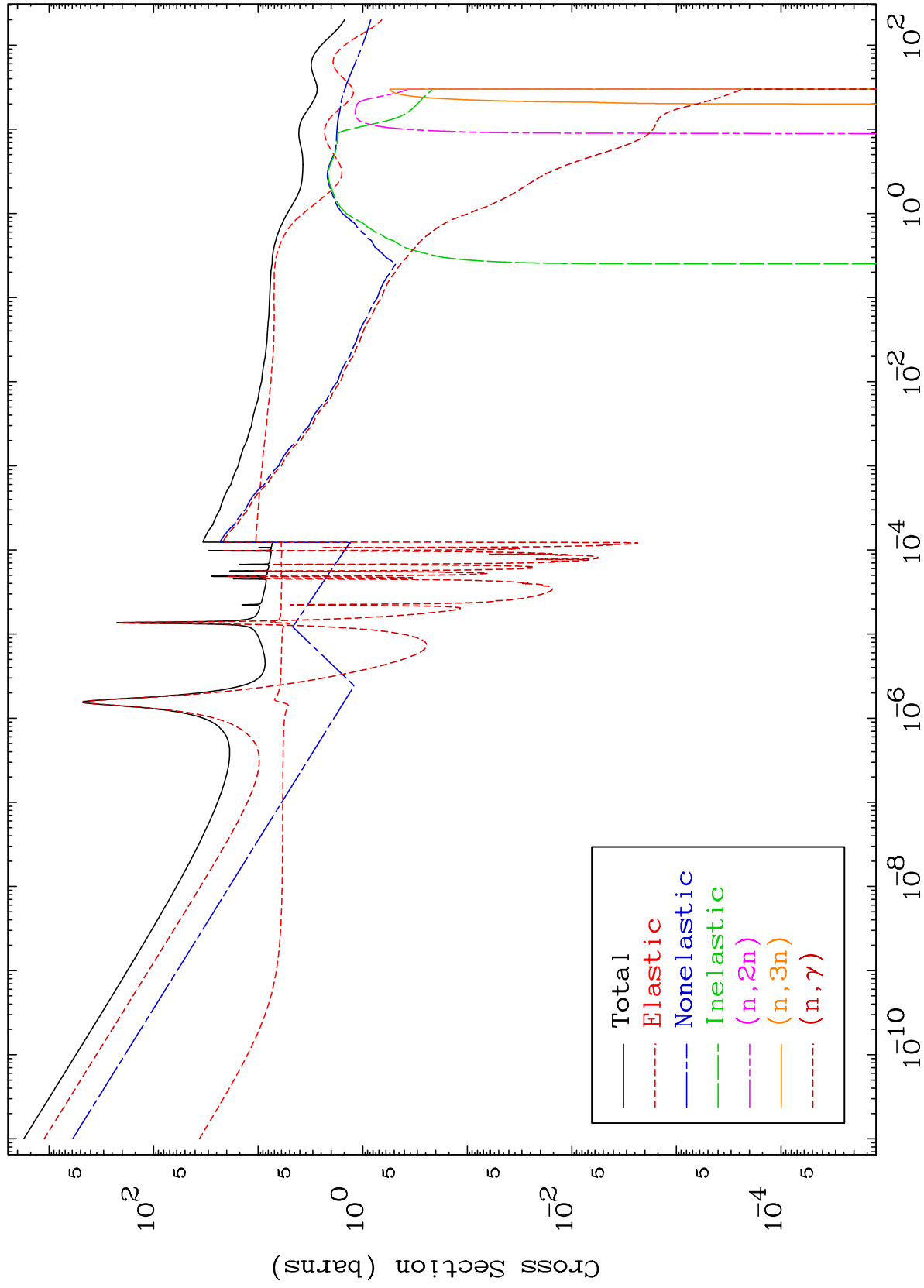
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3722

Neutron Major
293 Kelvin Cross Sections

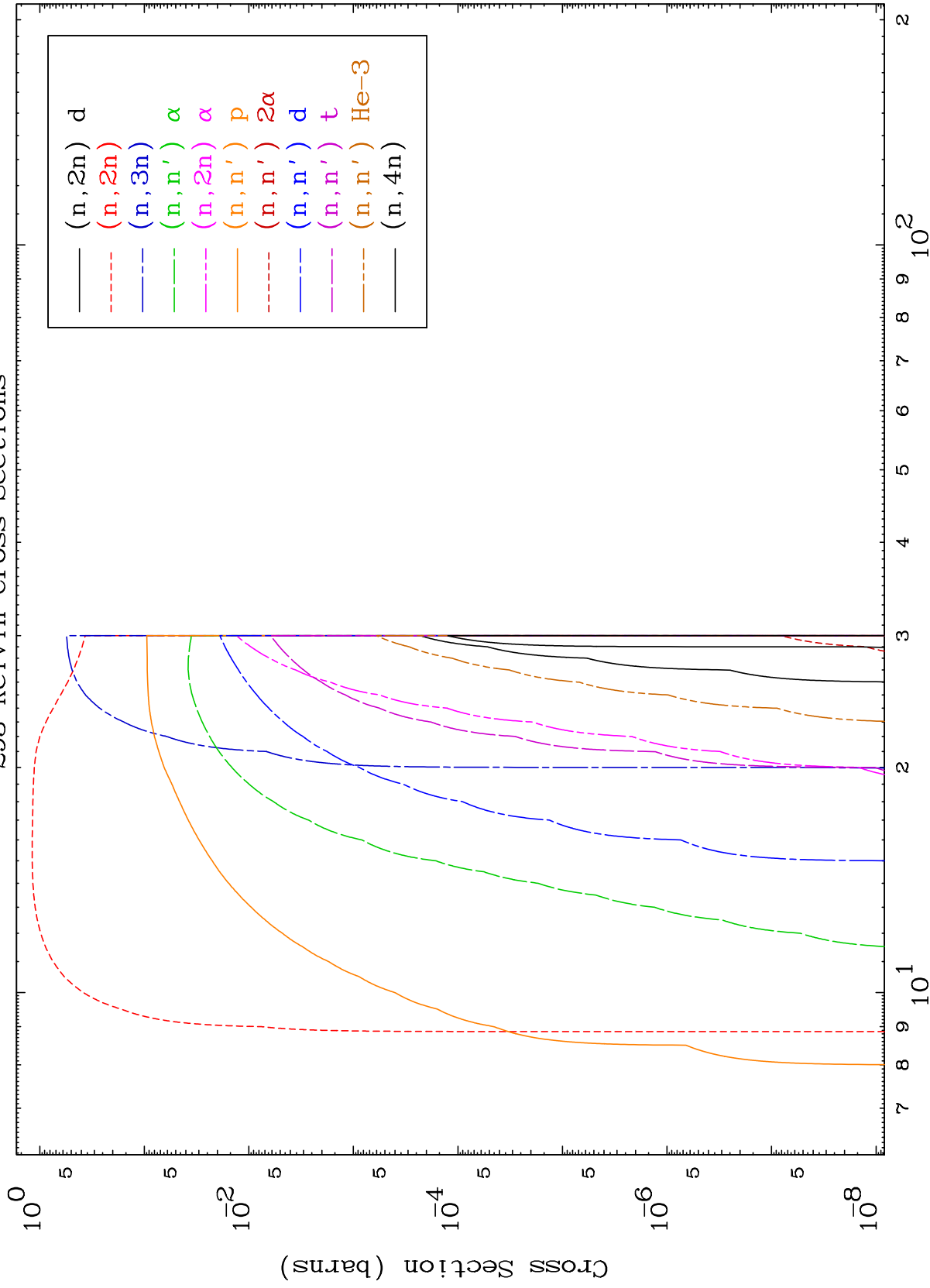
37-Rb-84



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Incident Energy (MeV)

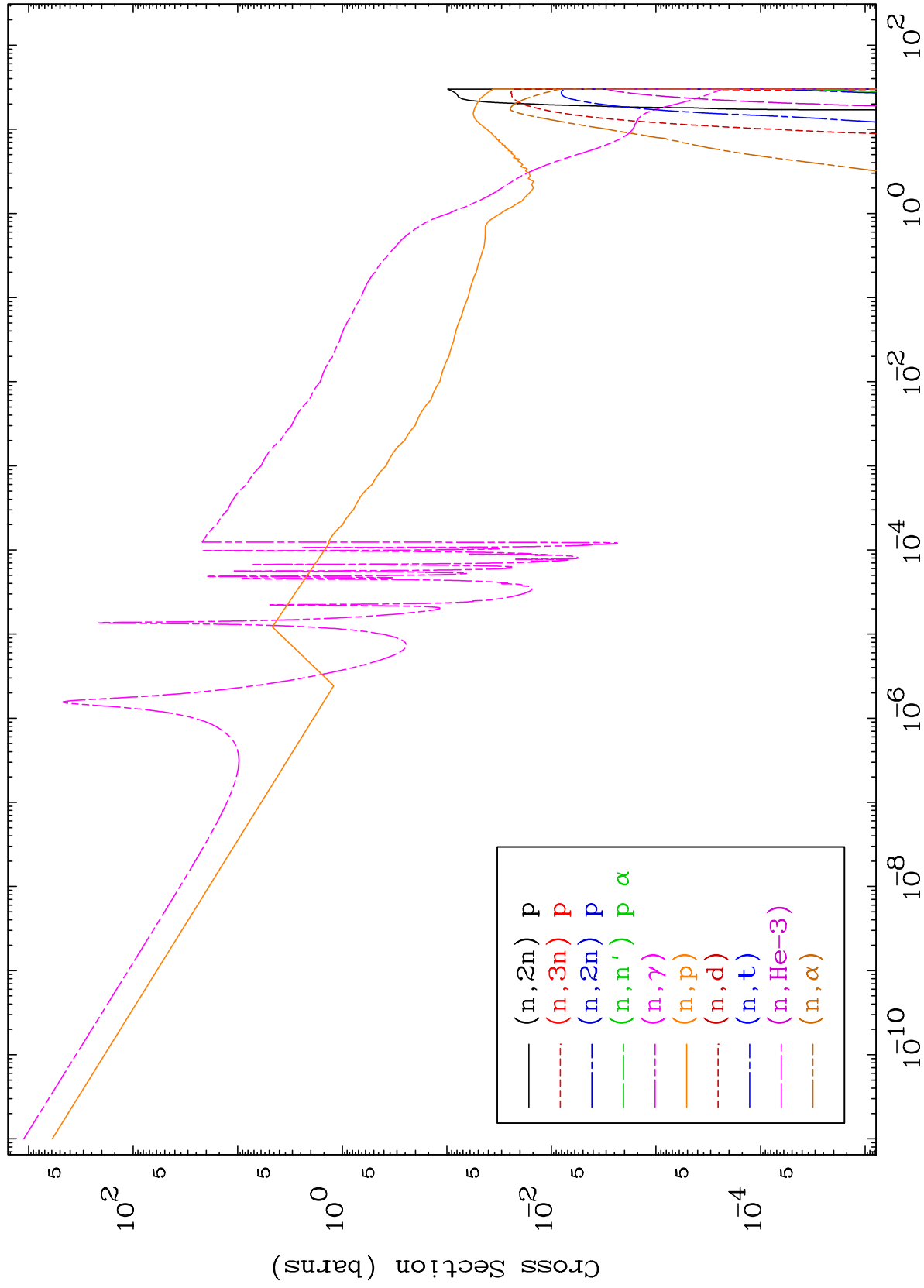
37-Rb-84



MAT 3722

Neutron Absorption
293 Kelvin Cross Sections

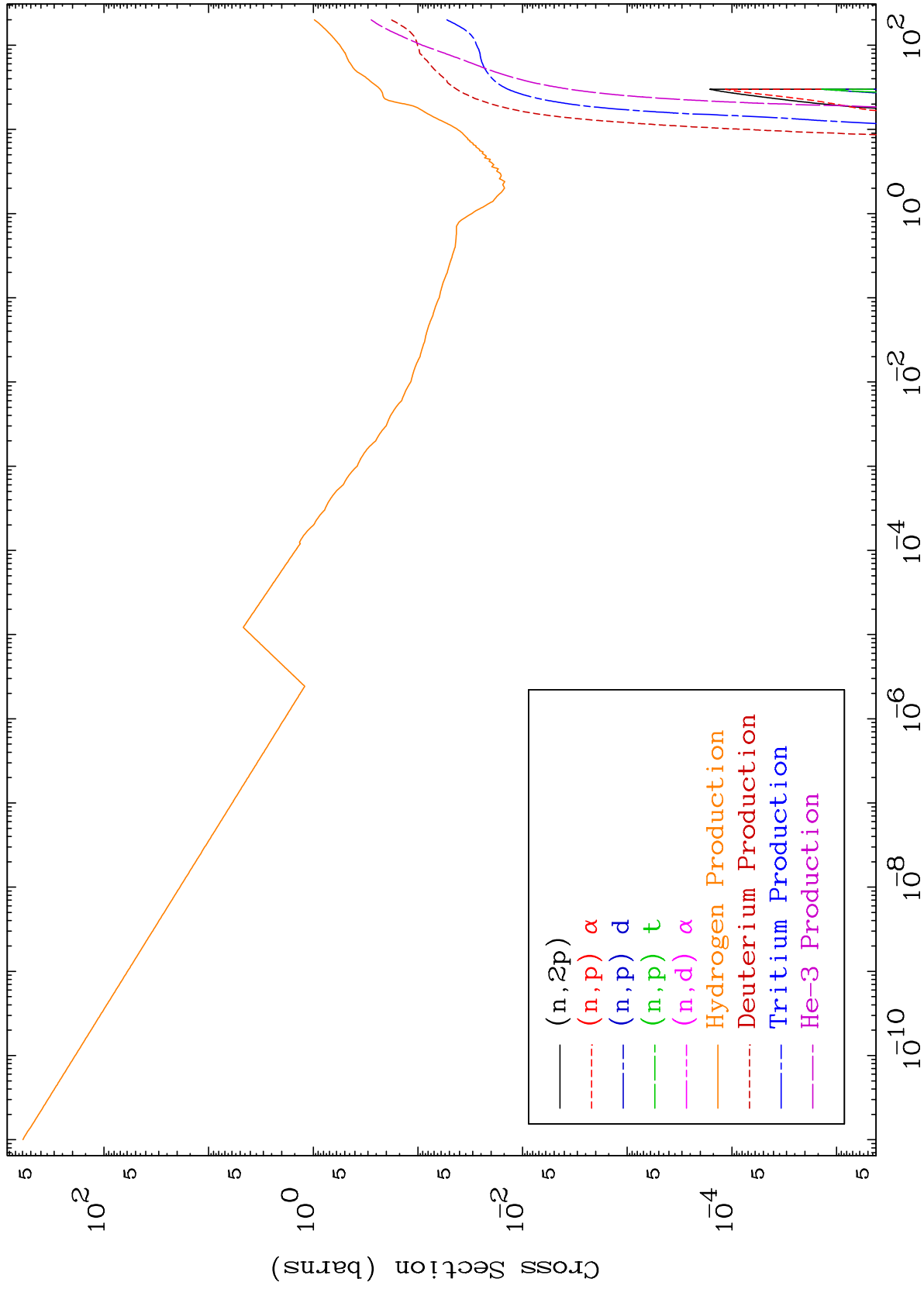
37-Rb-84



MAT 3722

Neutron Absorption
293 Kelvin Cross Sections

37-Rb-84

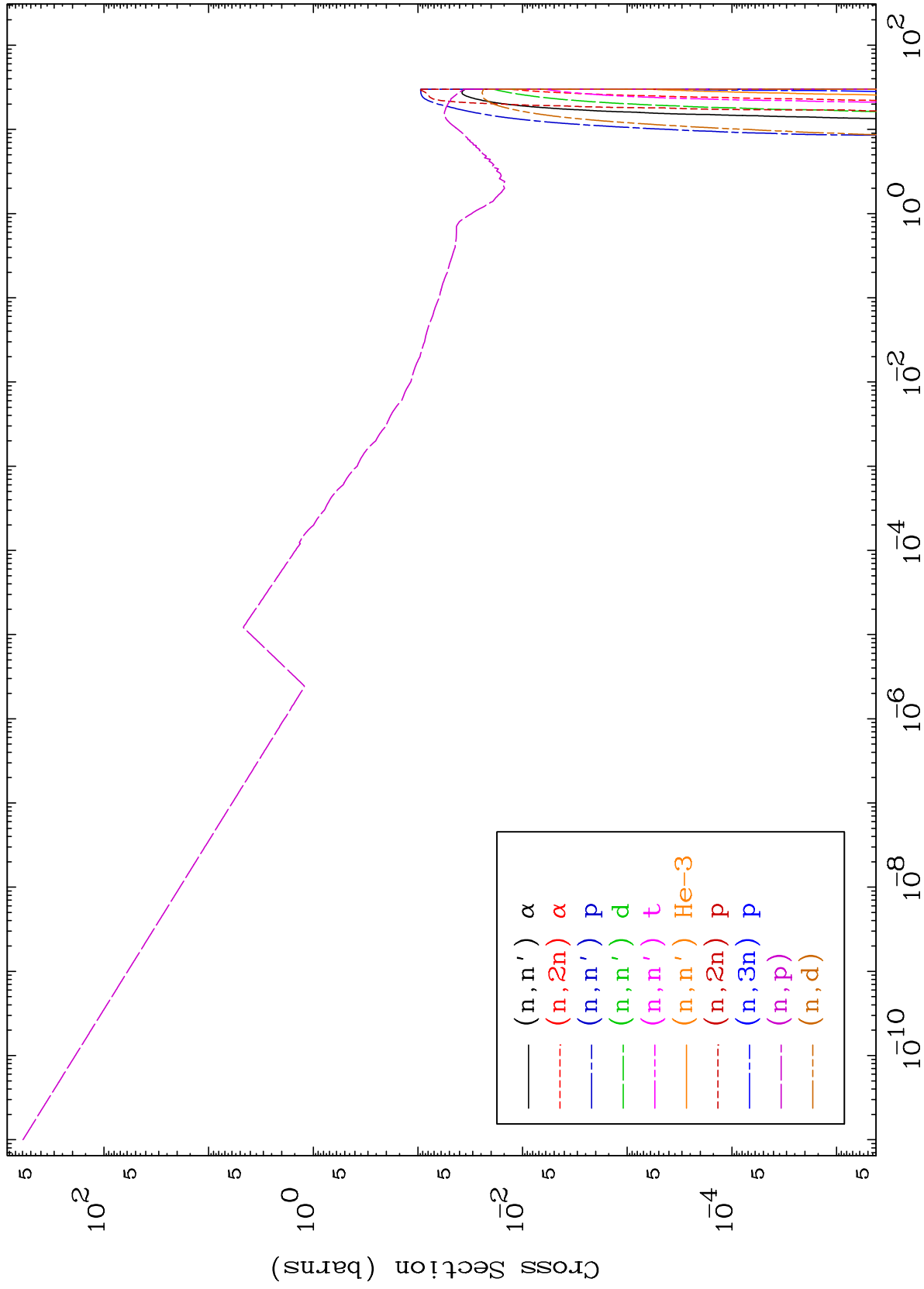


37-Rb-84

MAT 3722

Charged Particle
293 Kelvin Cross Sections

37-Rb-84



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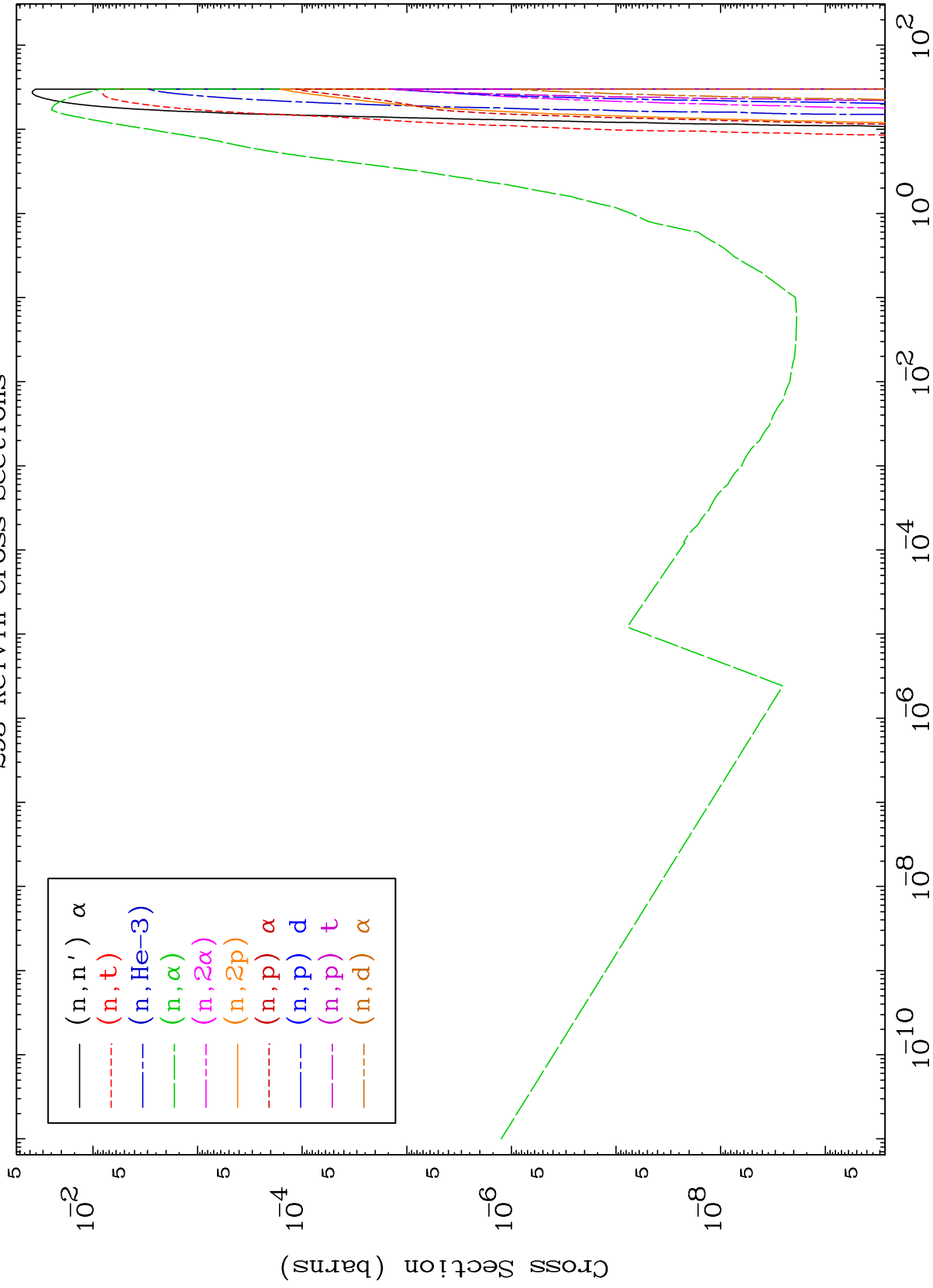
Incident Energy (MeV)

37-Rb-84

MAT 3722

Charged Particle
293 Kelvin Cross Sections

37-Rb-84



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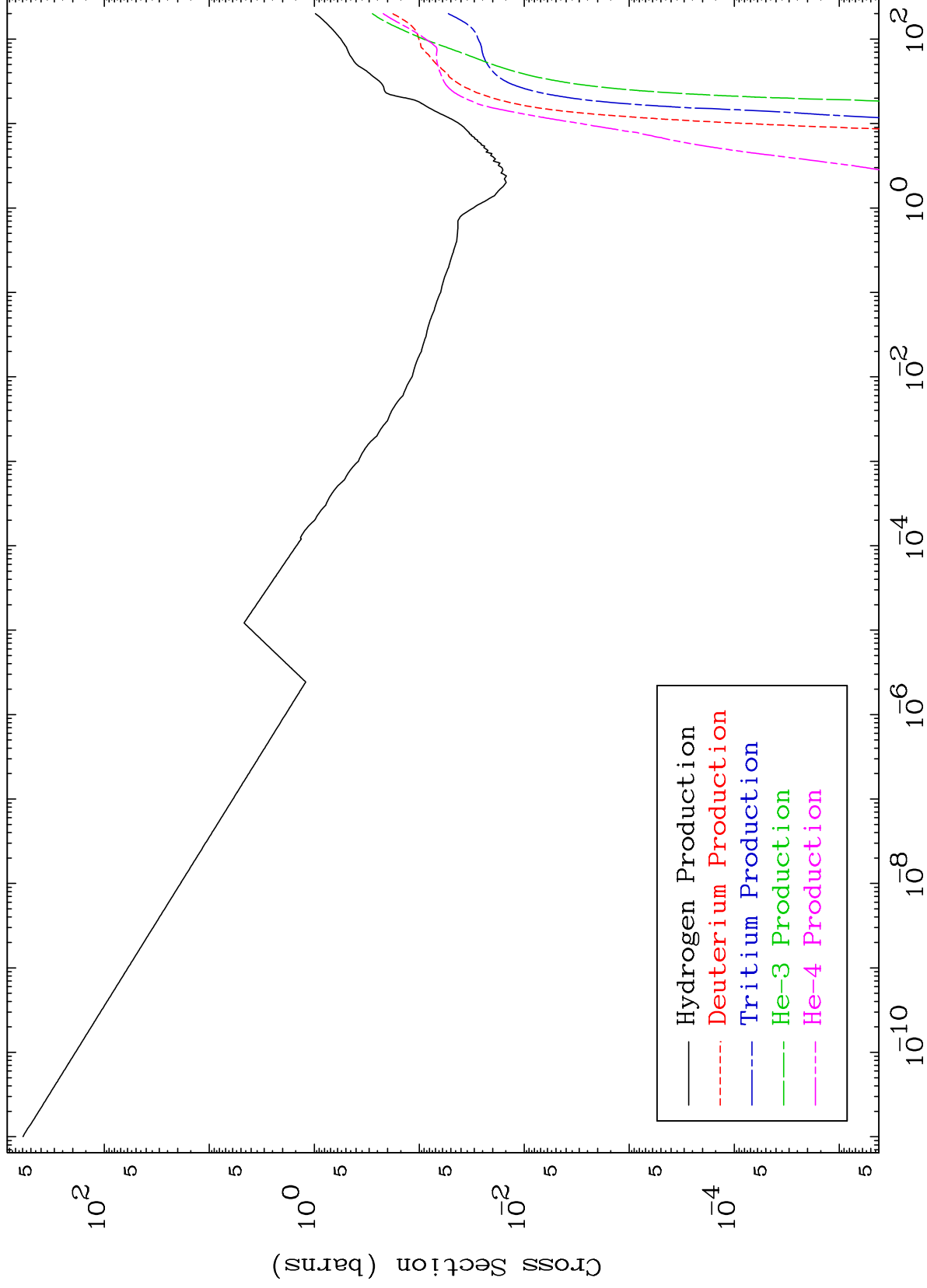
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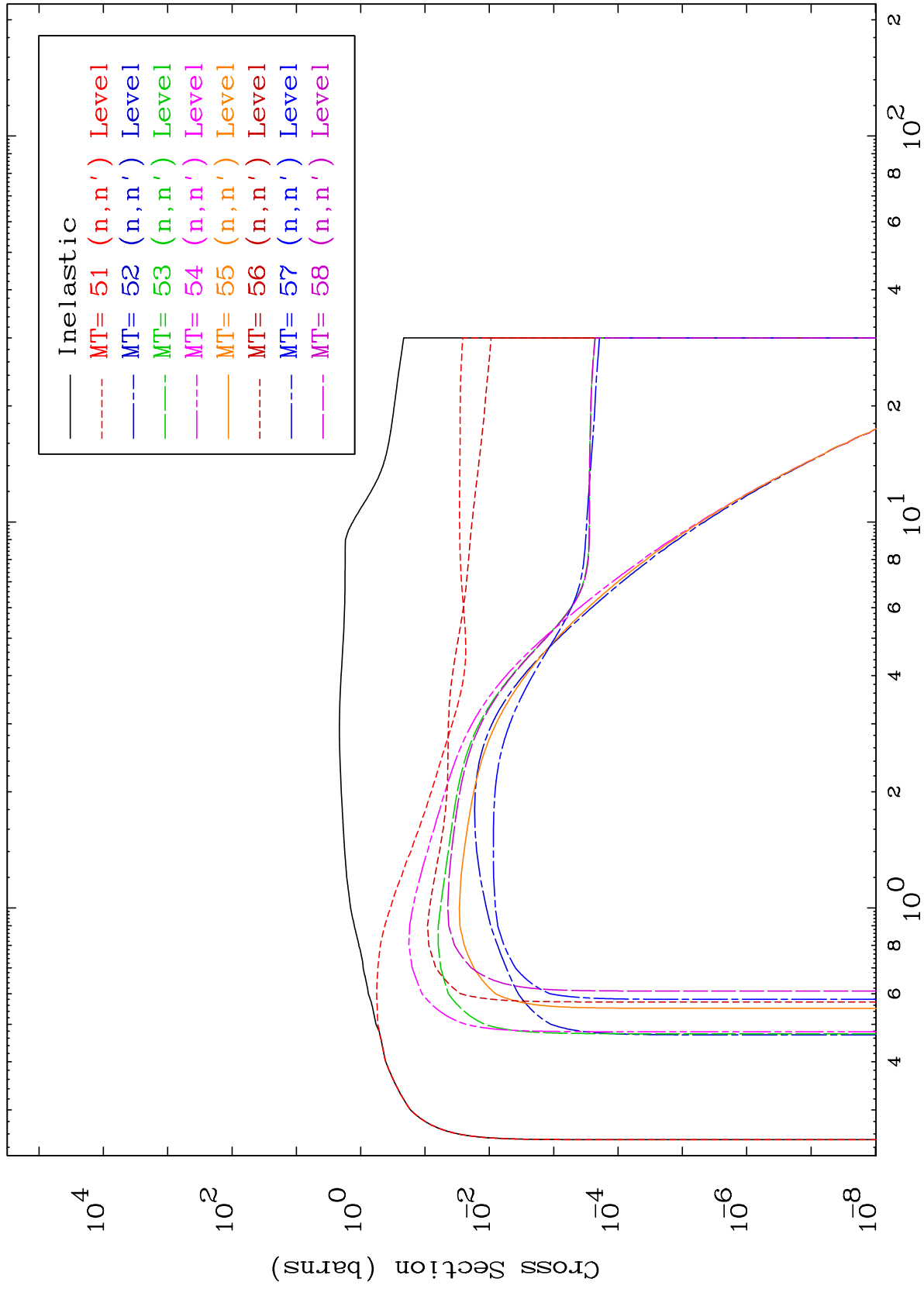
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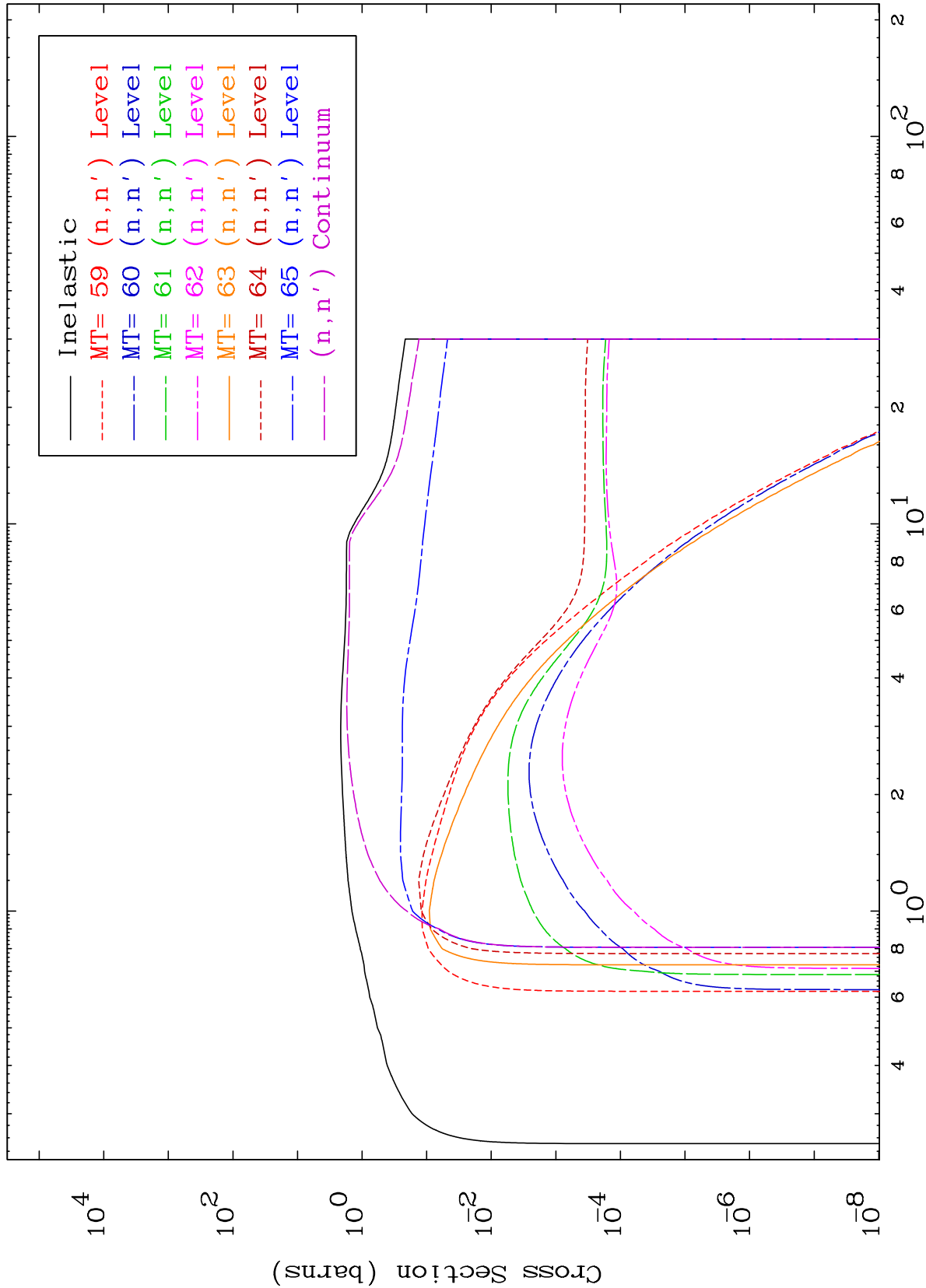
MAT 3722

Particle Production
293 Kelvin Cross Sections

37-Rb-84



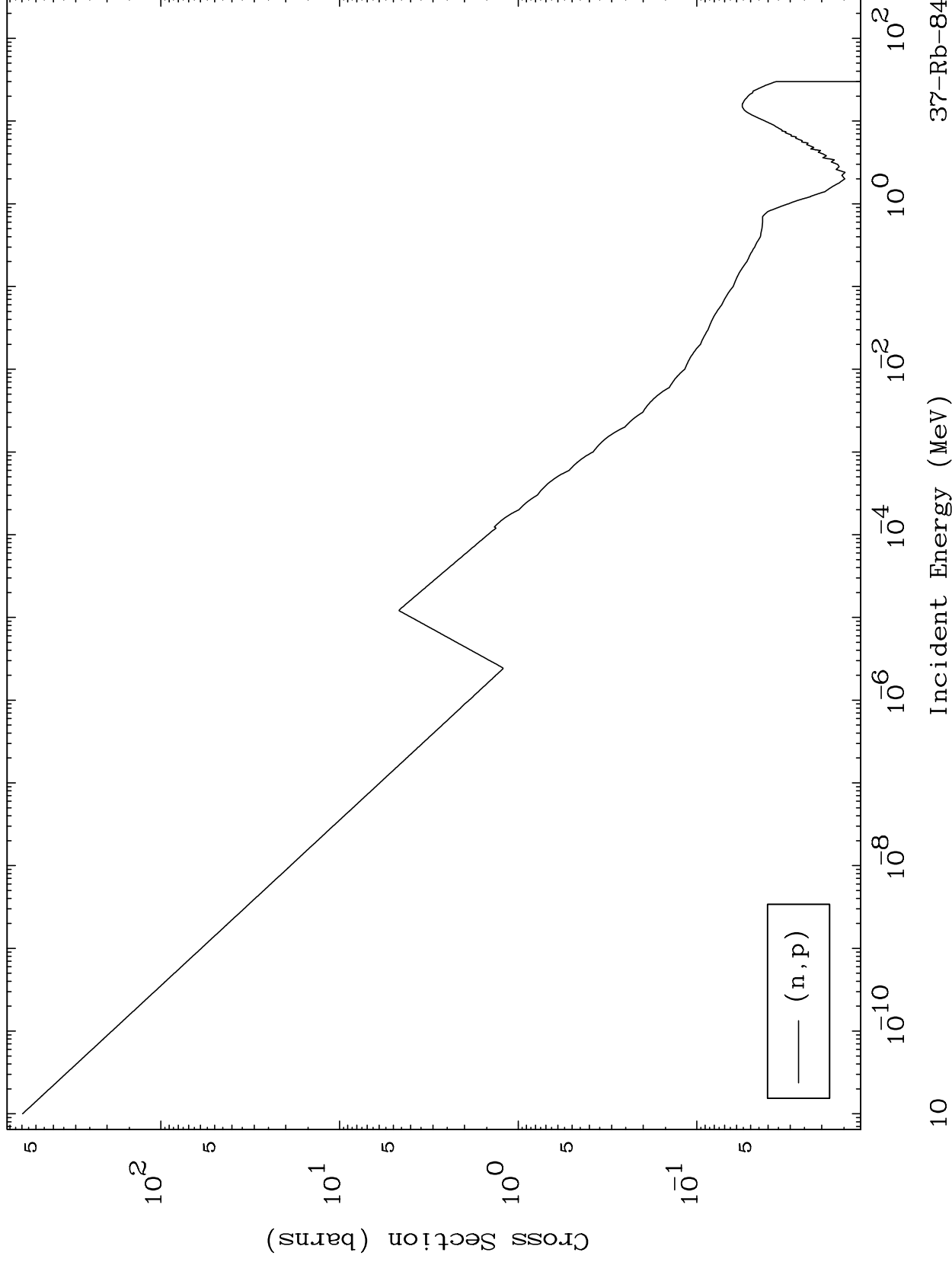




MAT 3722

(n,p) Levels
293 Kelvin Cross Sections

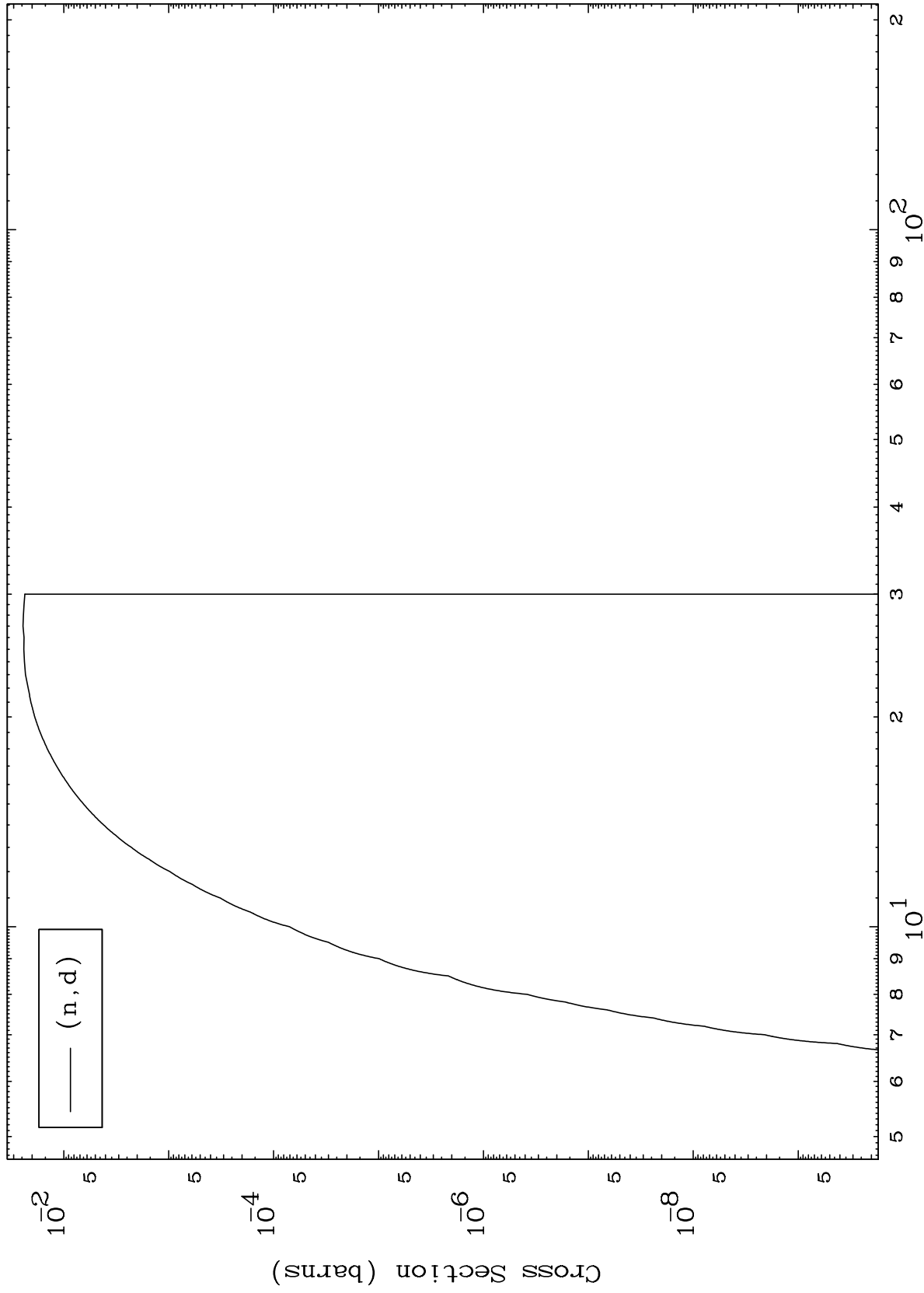
37-Rb-84



MAT 3722

37-Rb-84

(n,d) Levels
293 Kelvin Cross Sections



11

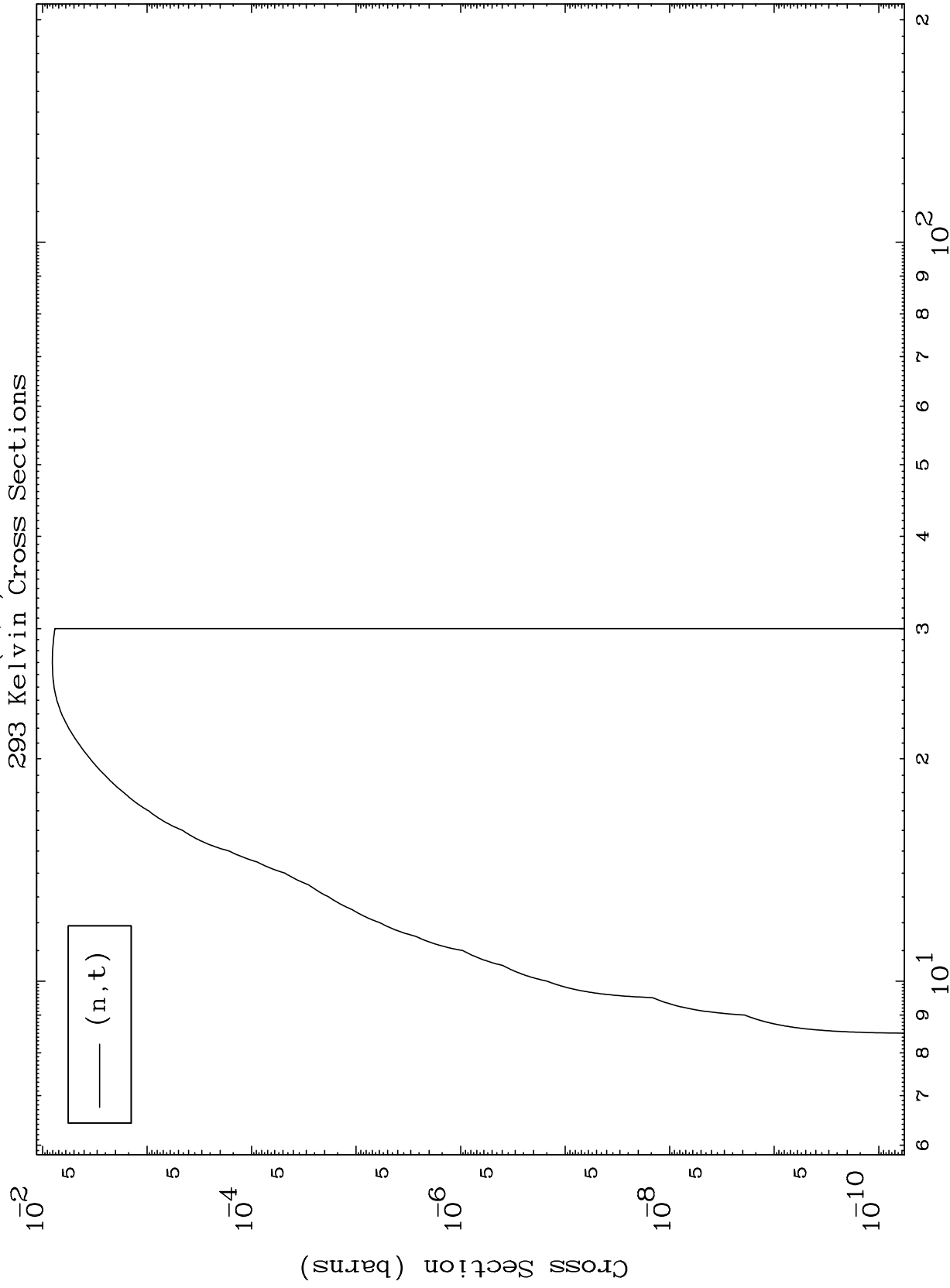
Incident Energy (MeV)

37-Rb-84

MAT 3722

37-Rb-84

(n,t) Levels
293 Kelvin Cross Sections



12

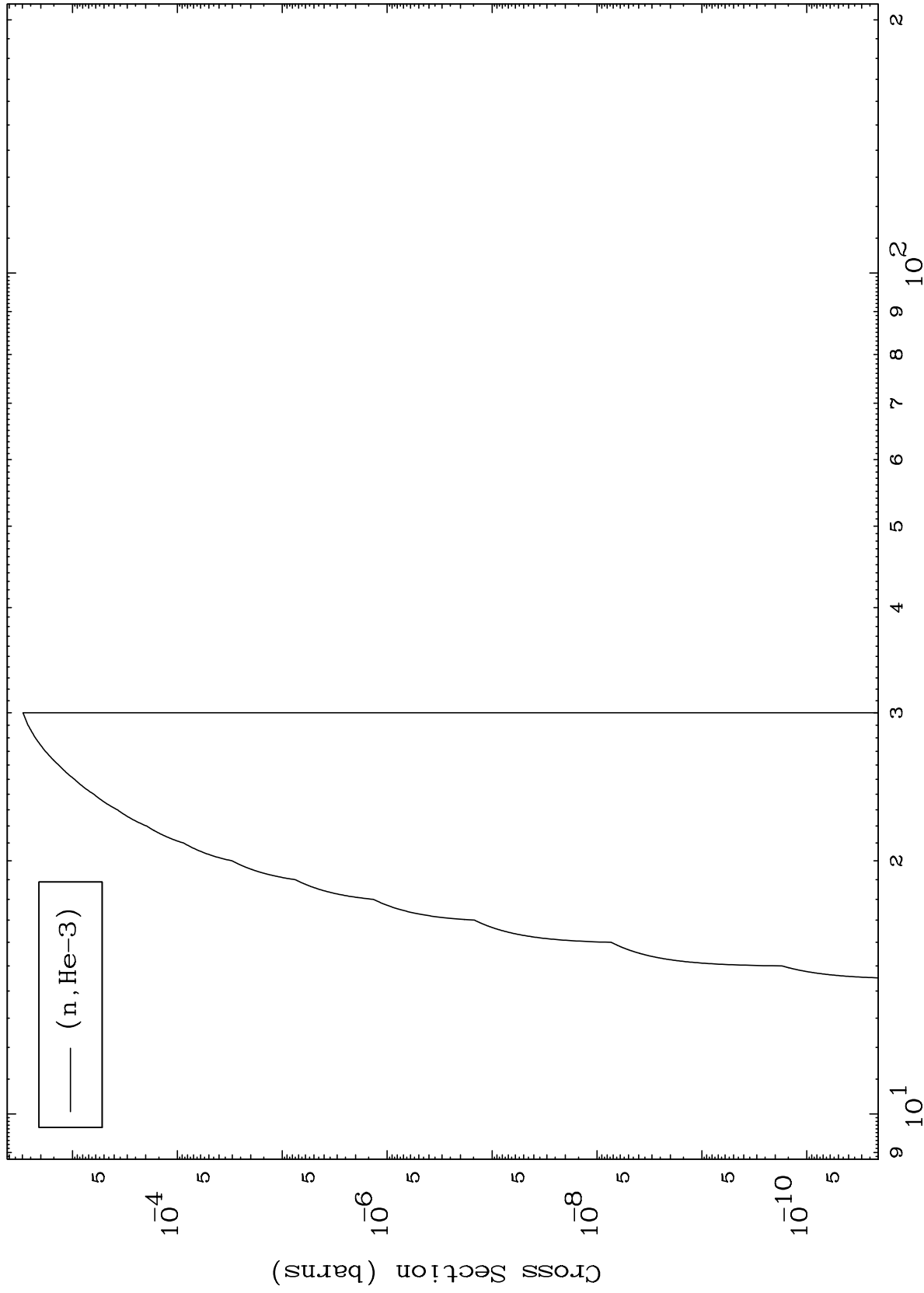
Incident Energy (MeV)

37-Rb-84

MAT 3722

37-Rb-84

(n,He3) Levels
293 Kelvin Cross Sections



13

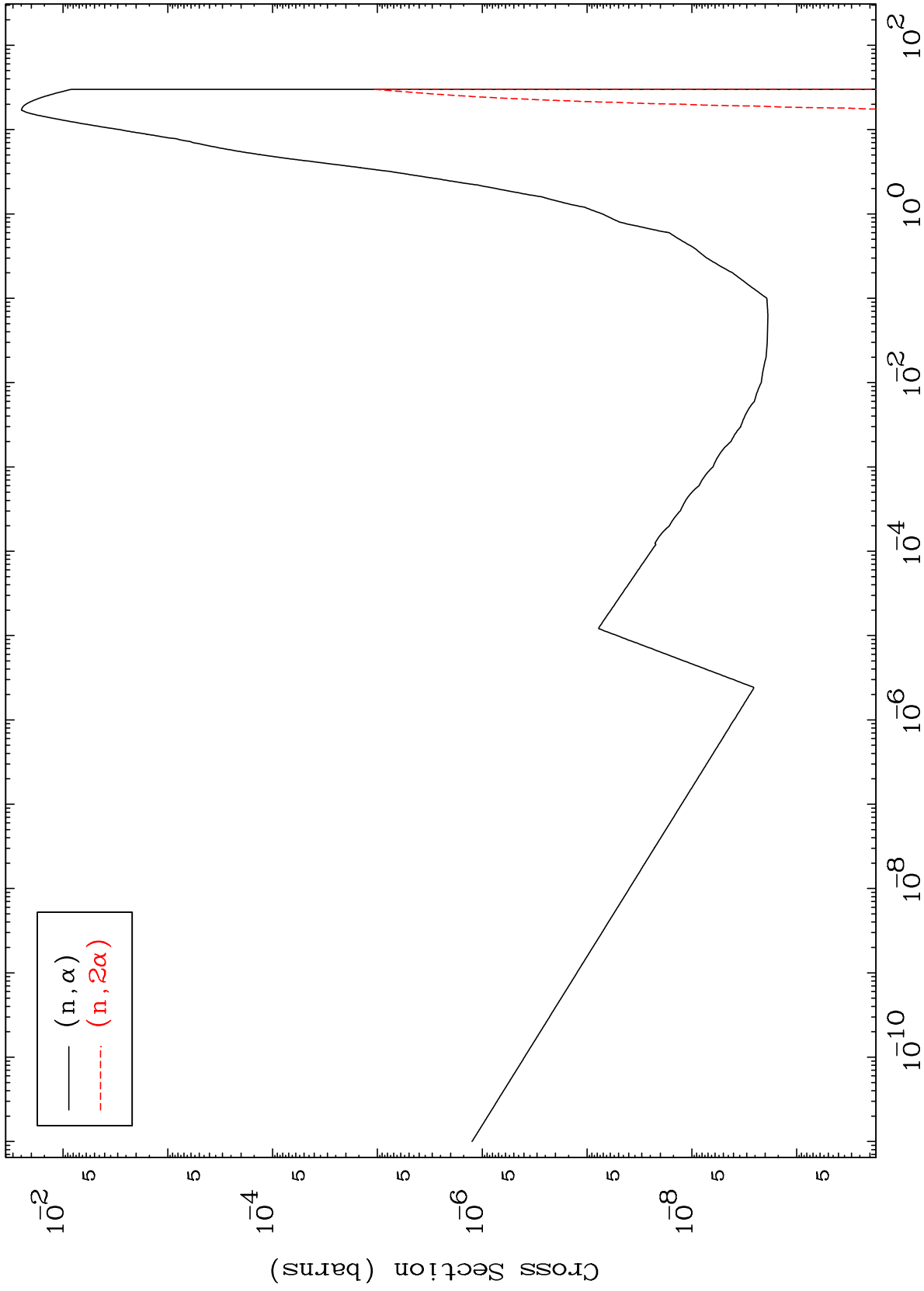
Incident Energy (MeV)

37-Rb-84

MAT 3722

(n, α) Levels
293 Kelvin Cross Sections

37-Rb-84



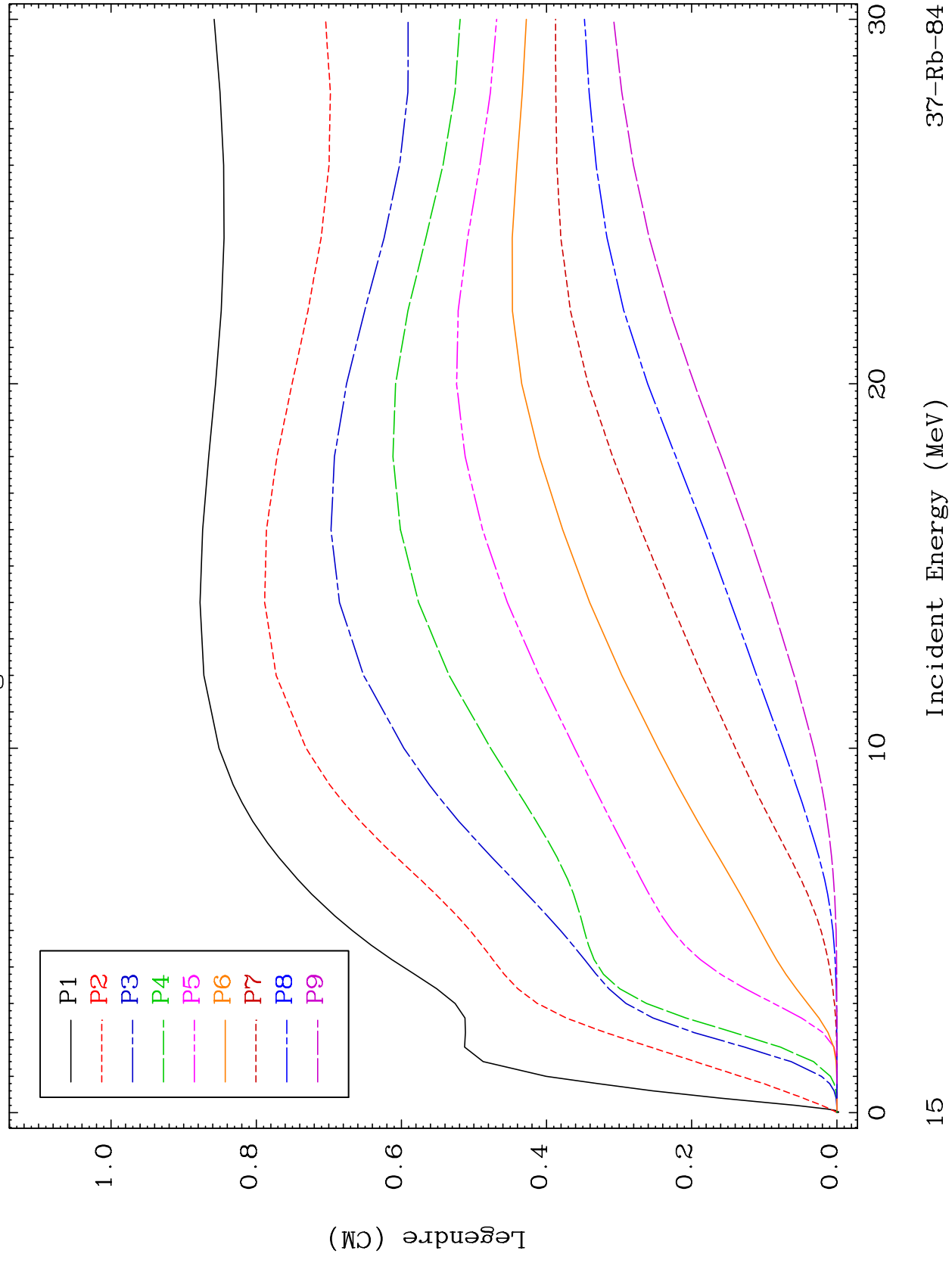
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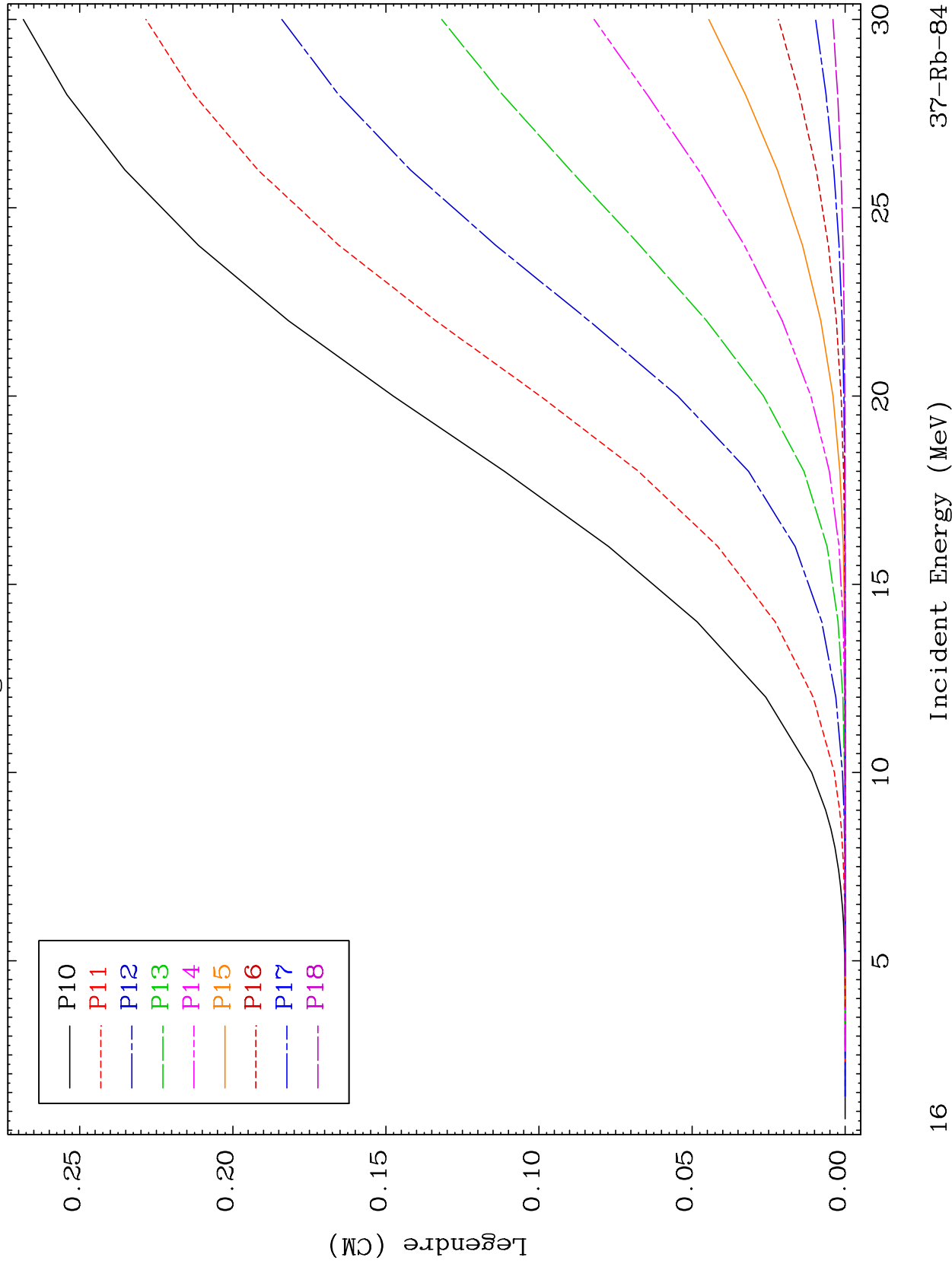
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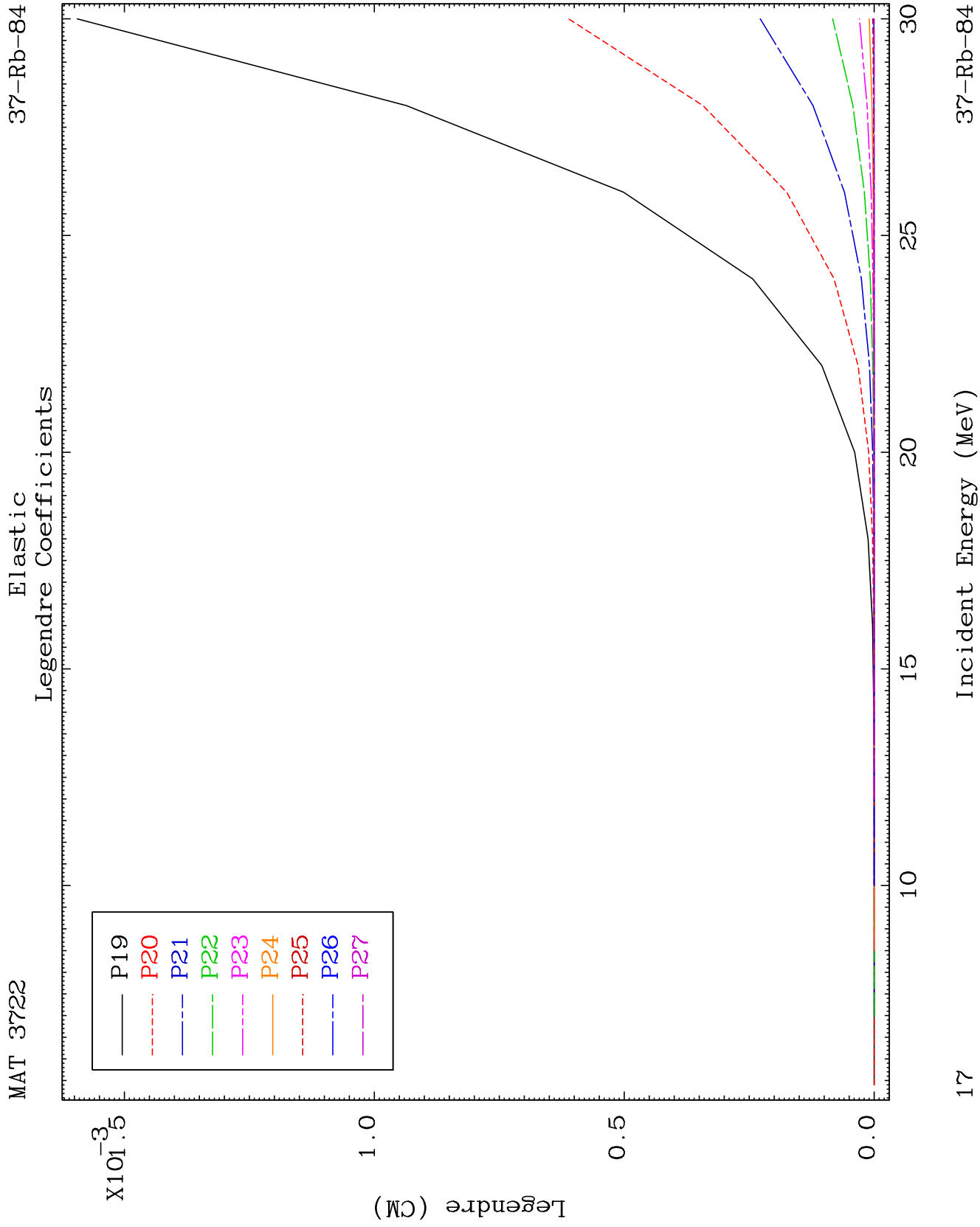
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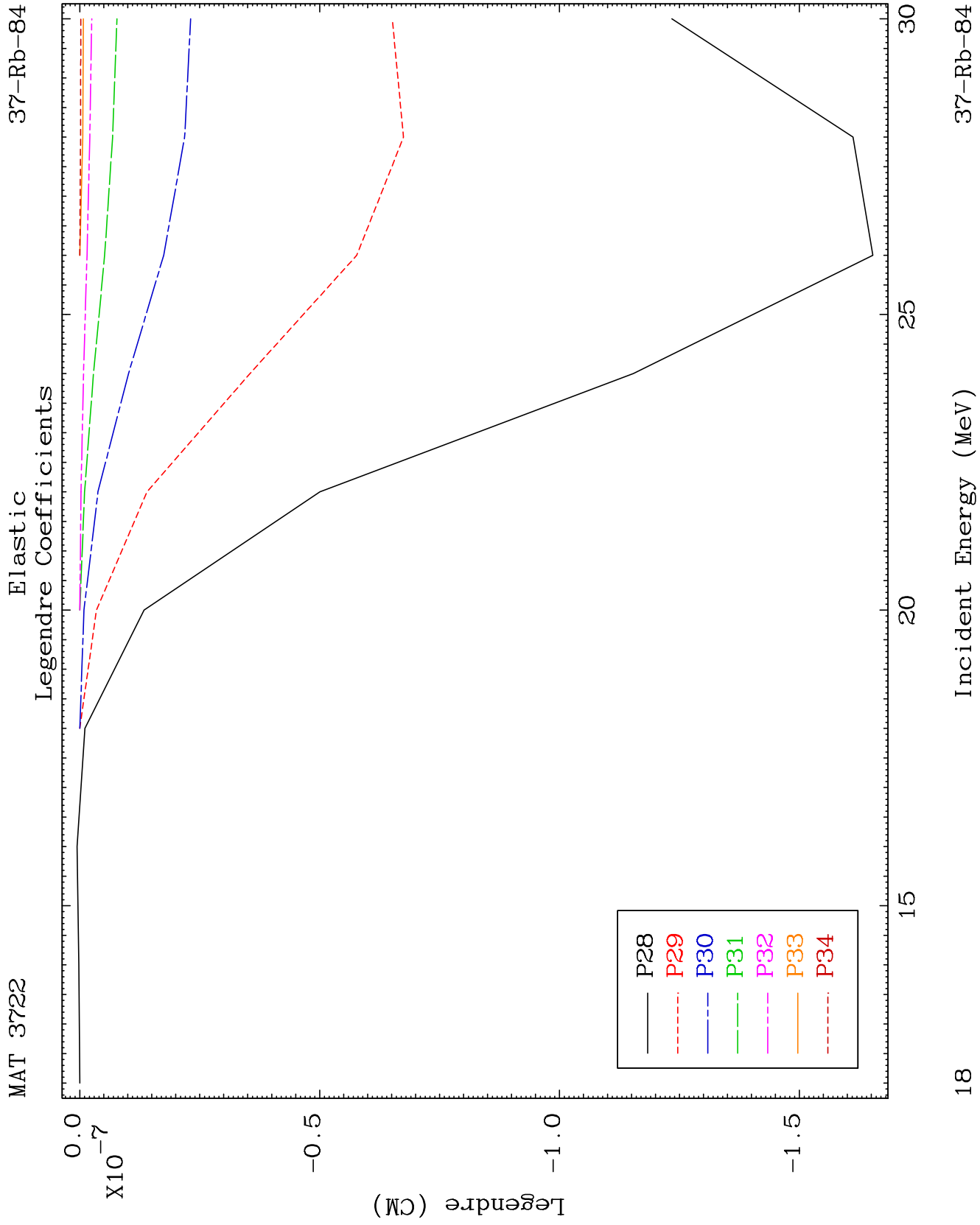
37-Rb-84

37-Rb-84





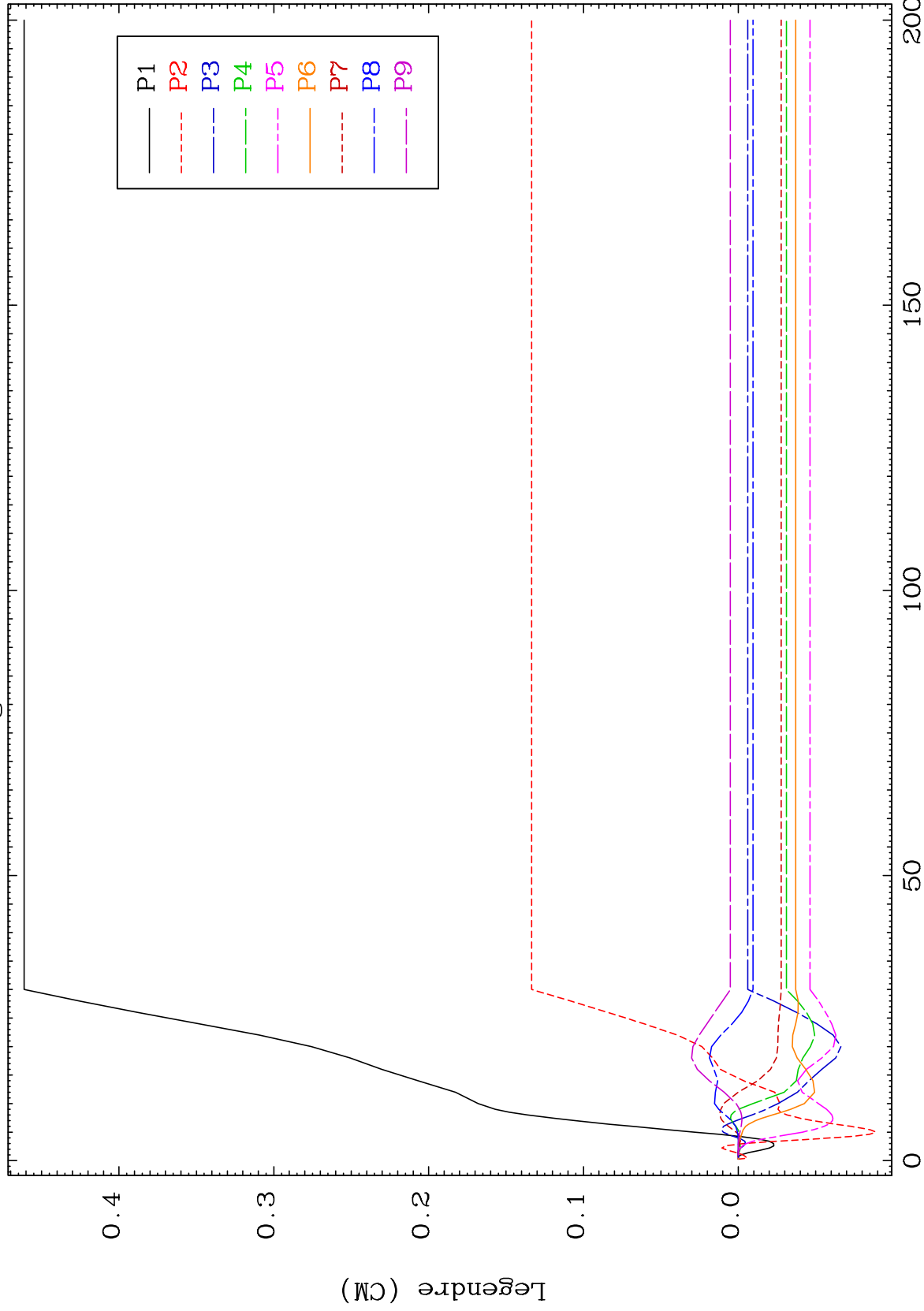




MAT 3722

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

37-Rb-84



19

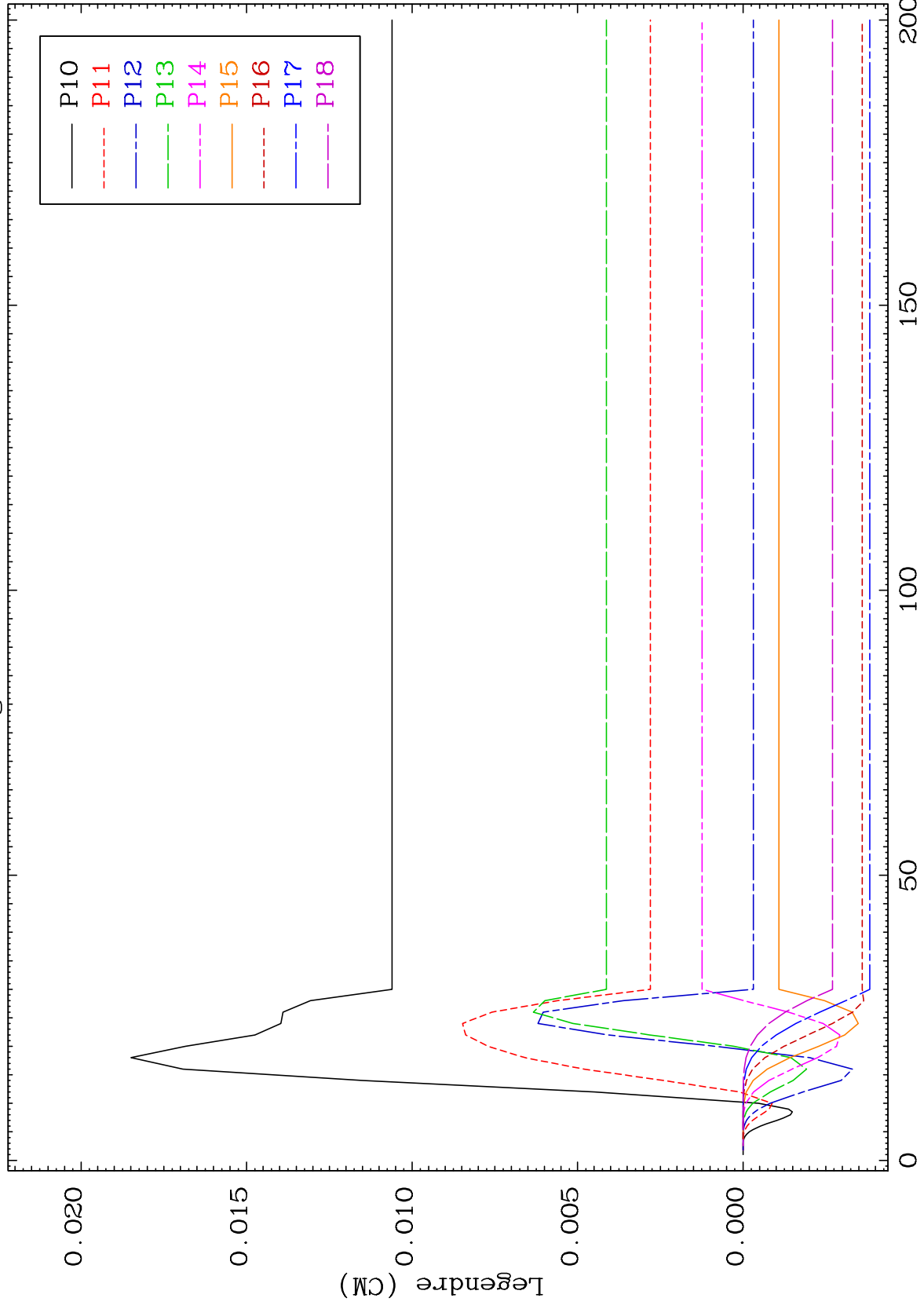
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

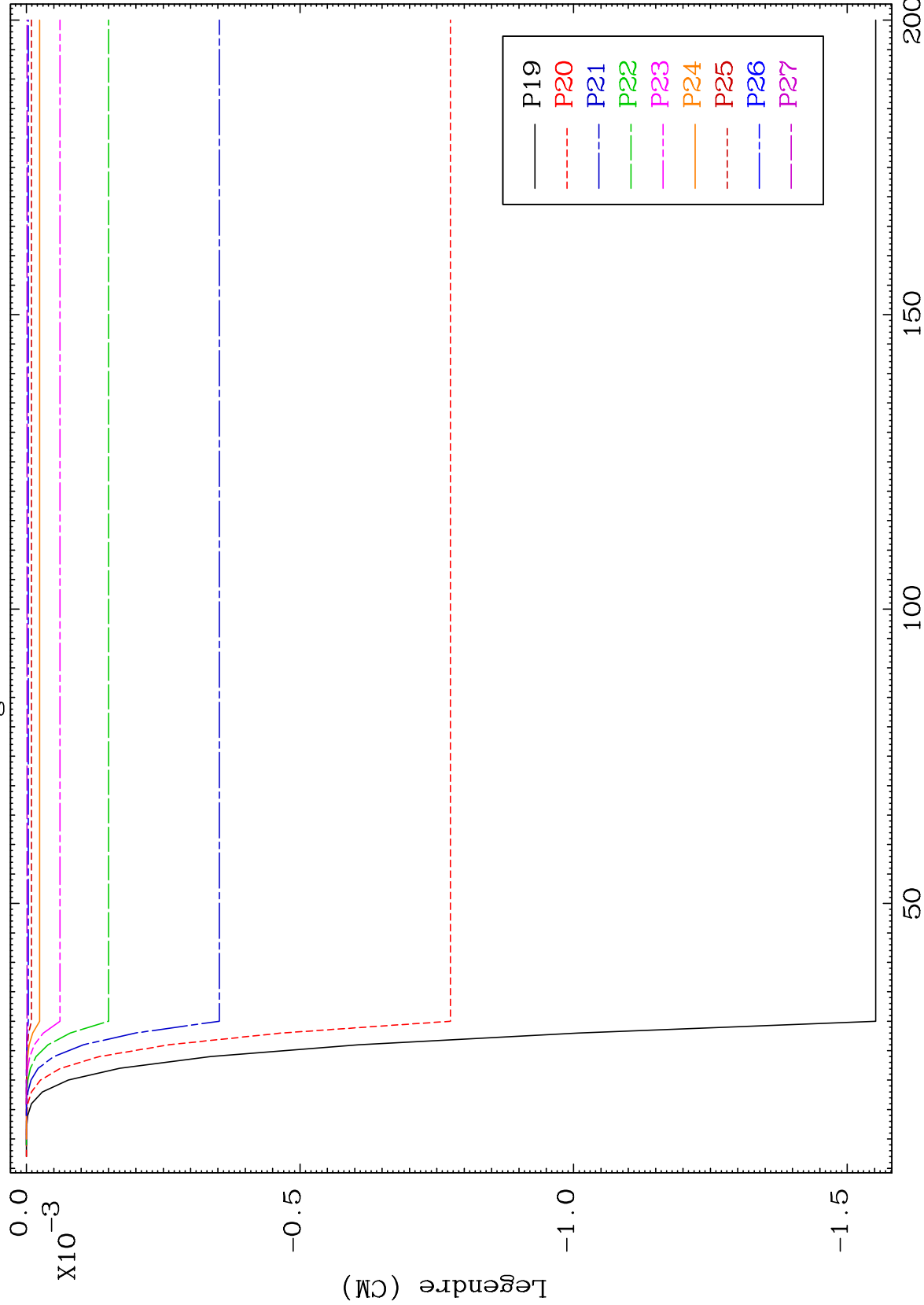
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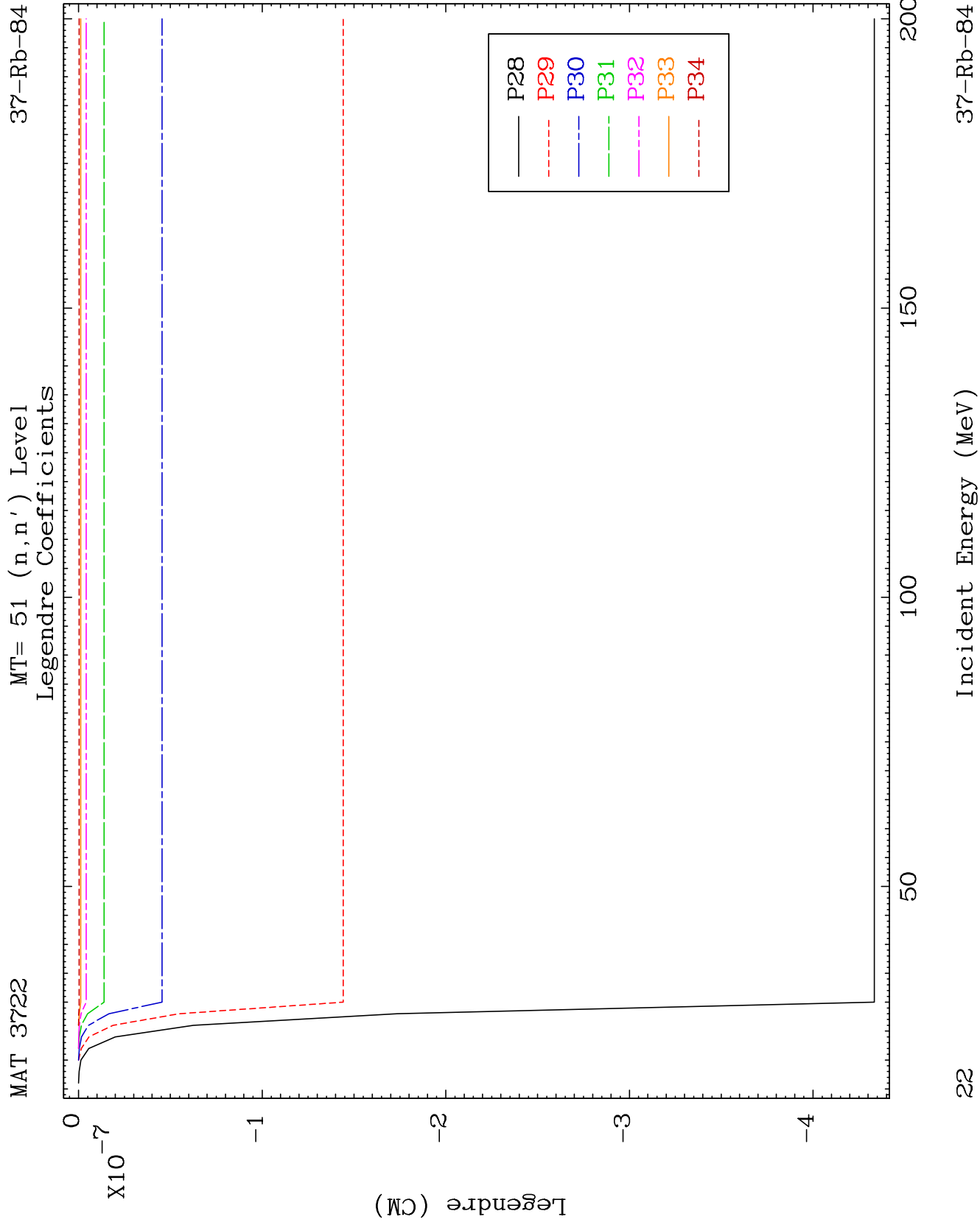


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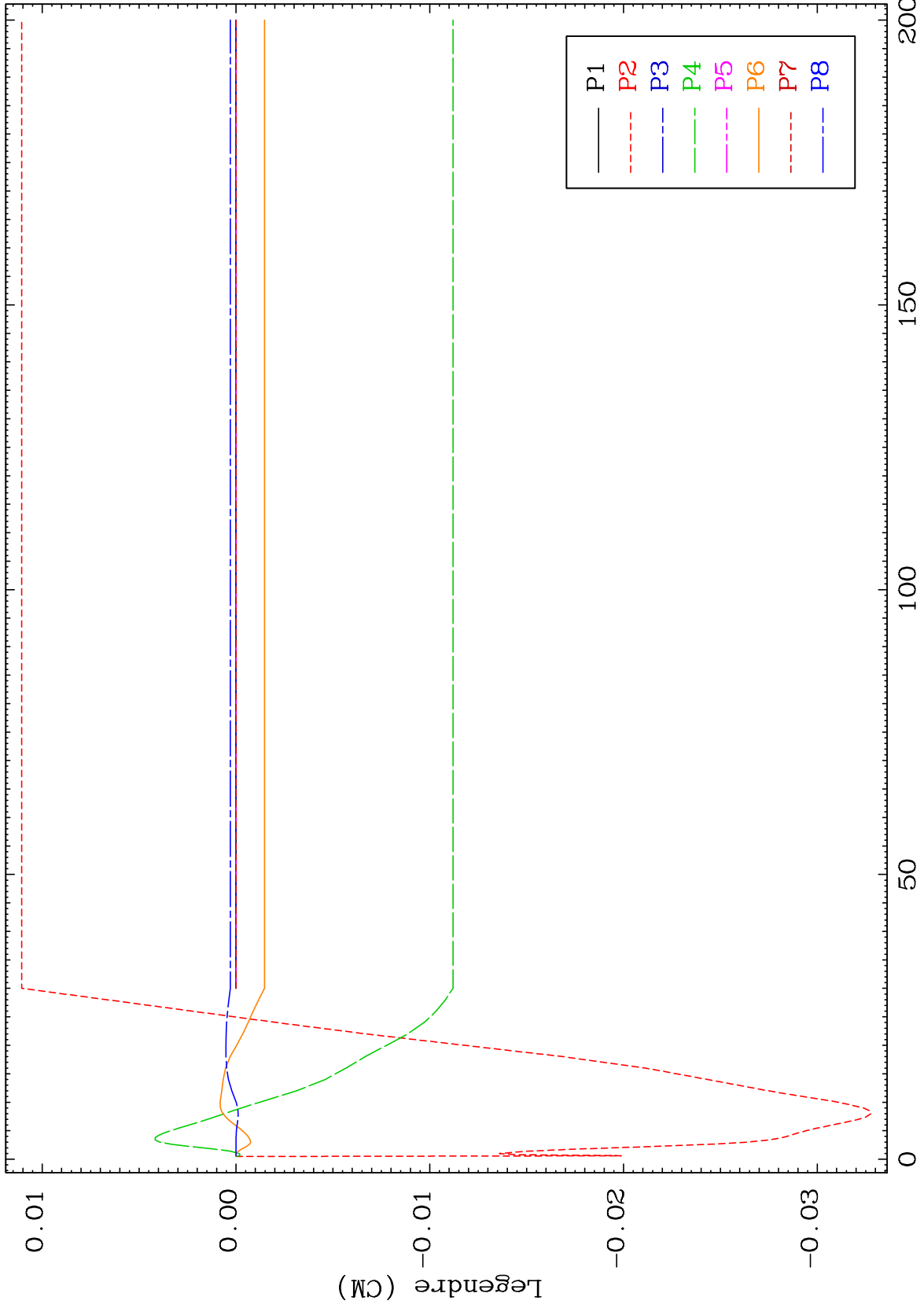
Incident Energy (MeV)

37-Rb-84

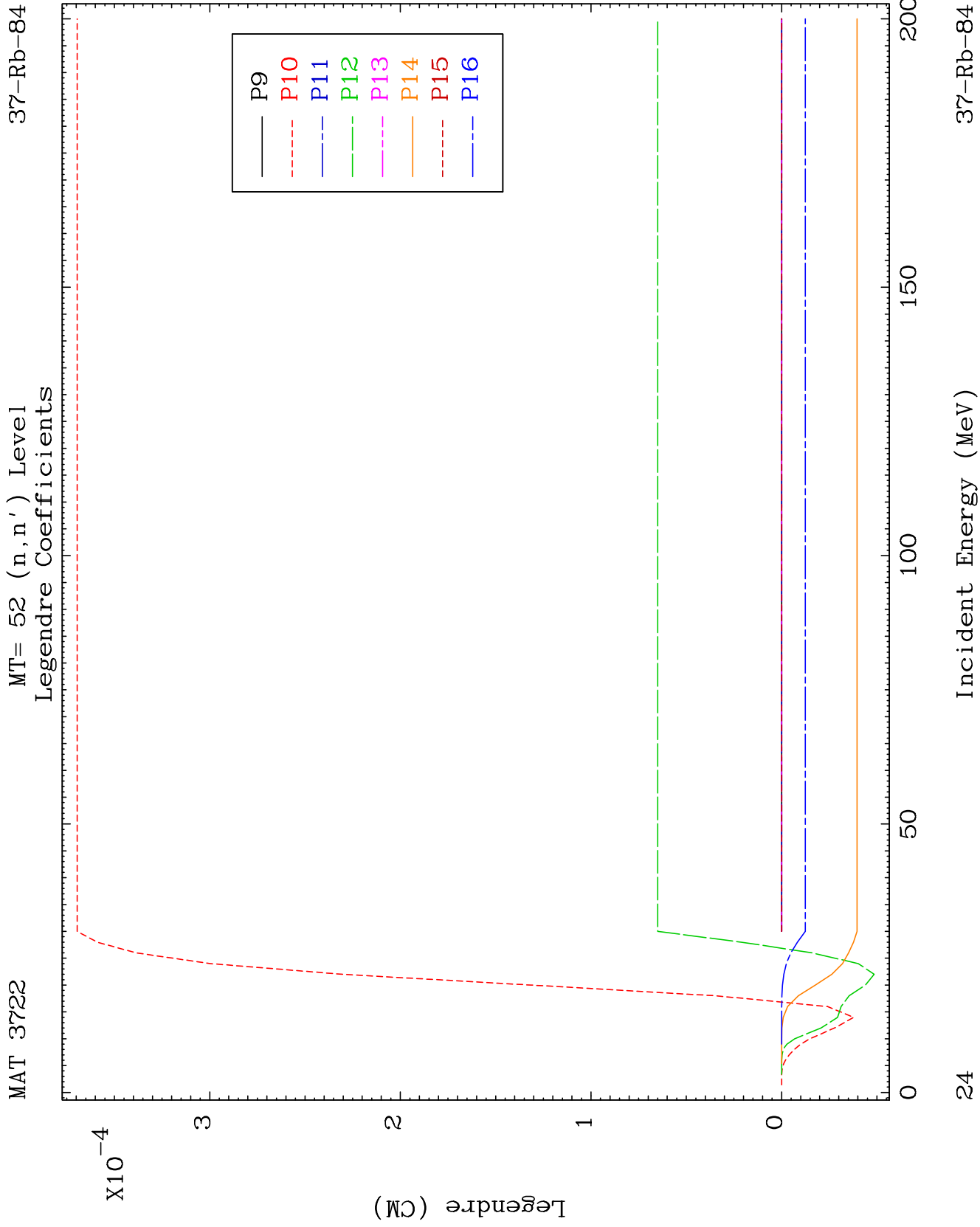


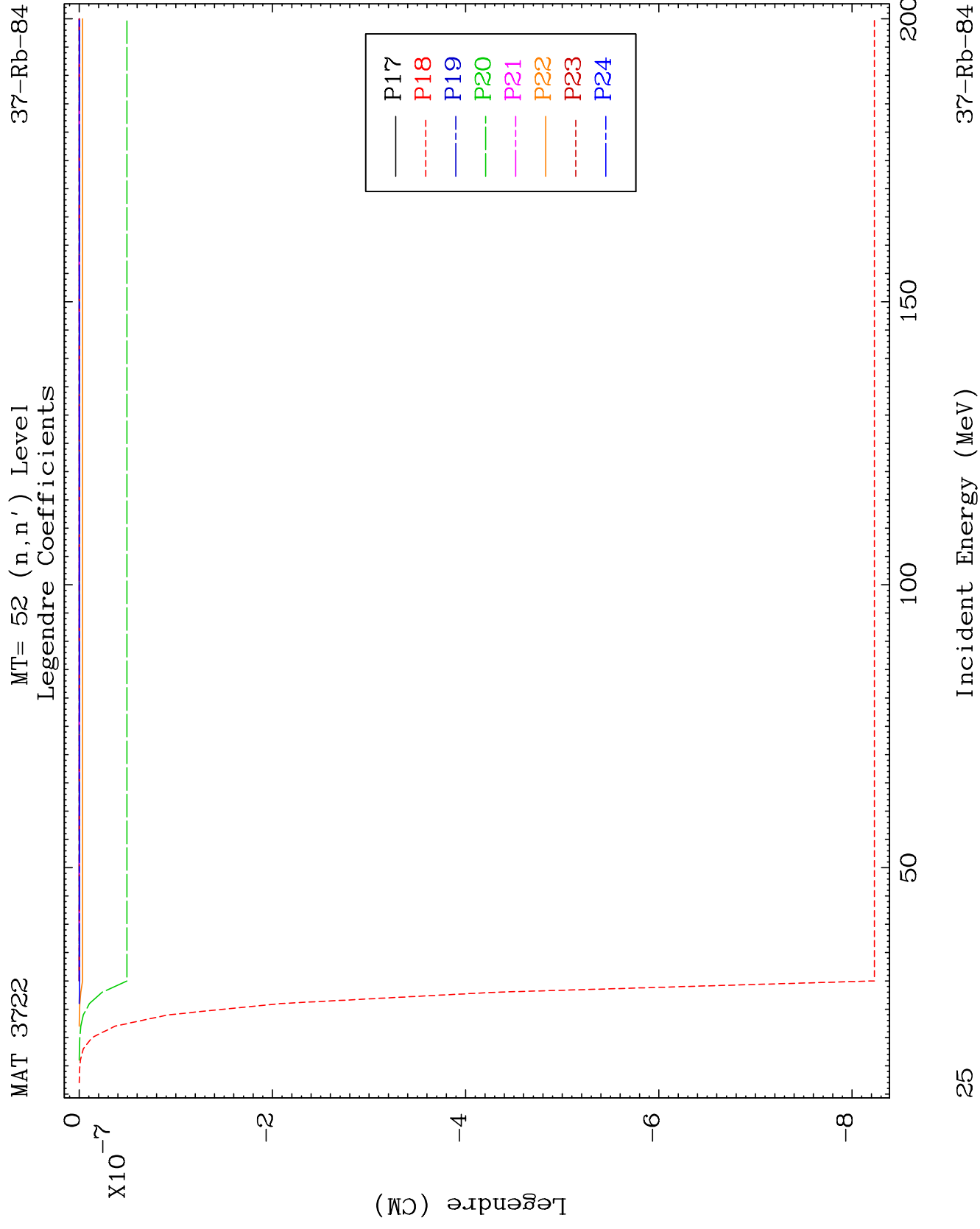


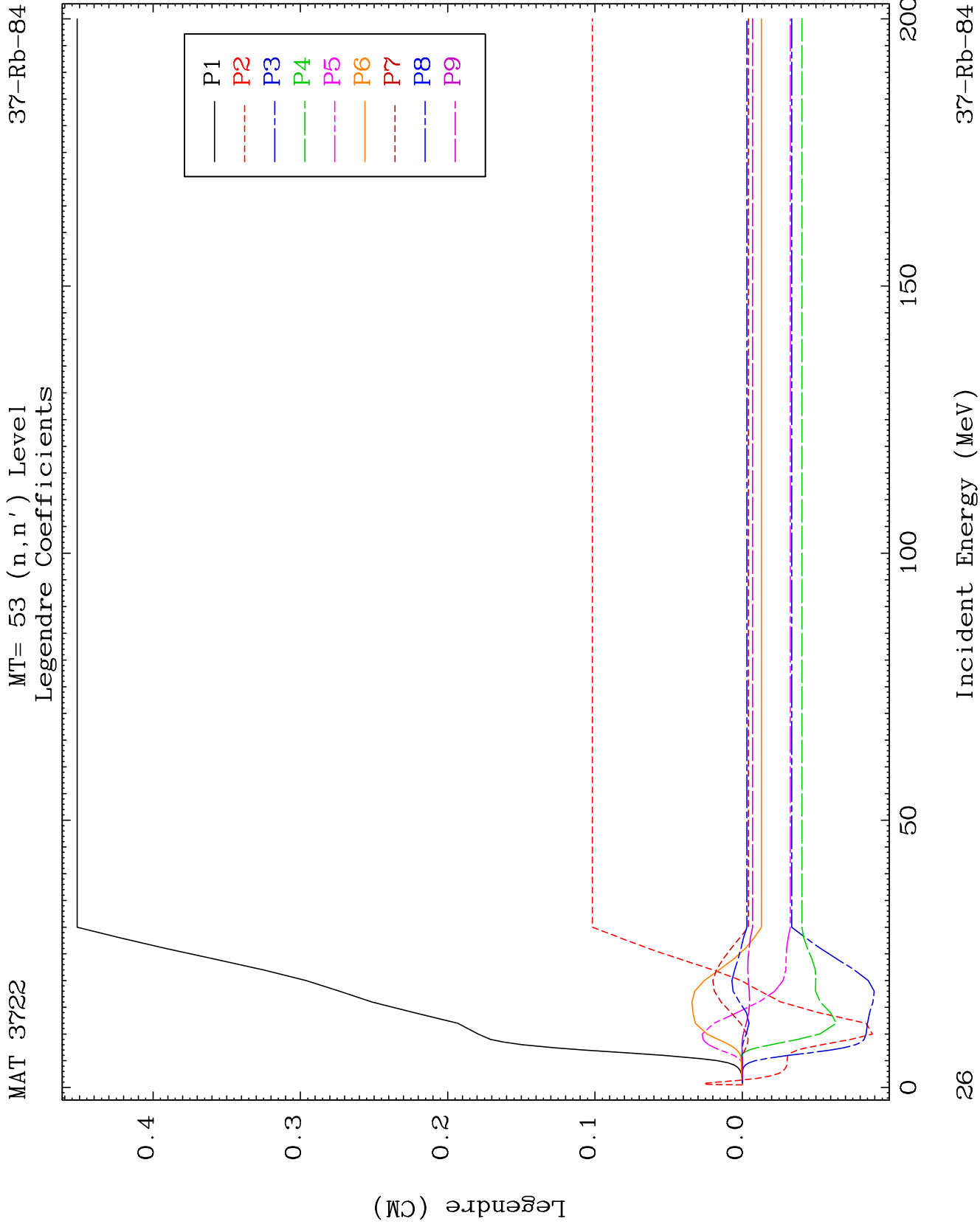
MAT 3722 MT= 52 (n,n') Level Legendre Coefficients 37-Rb-84



23 37-Rb-84



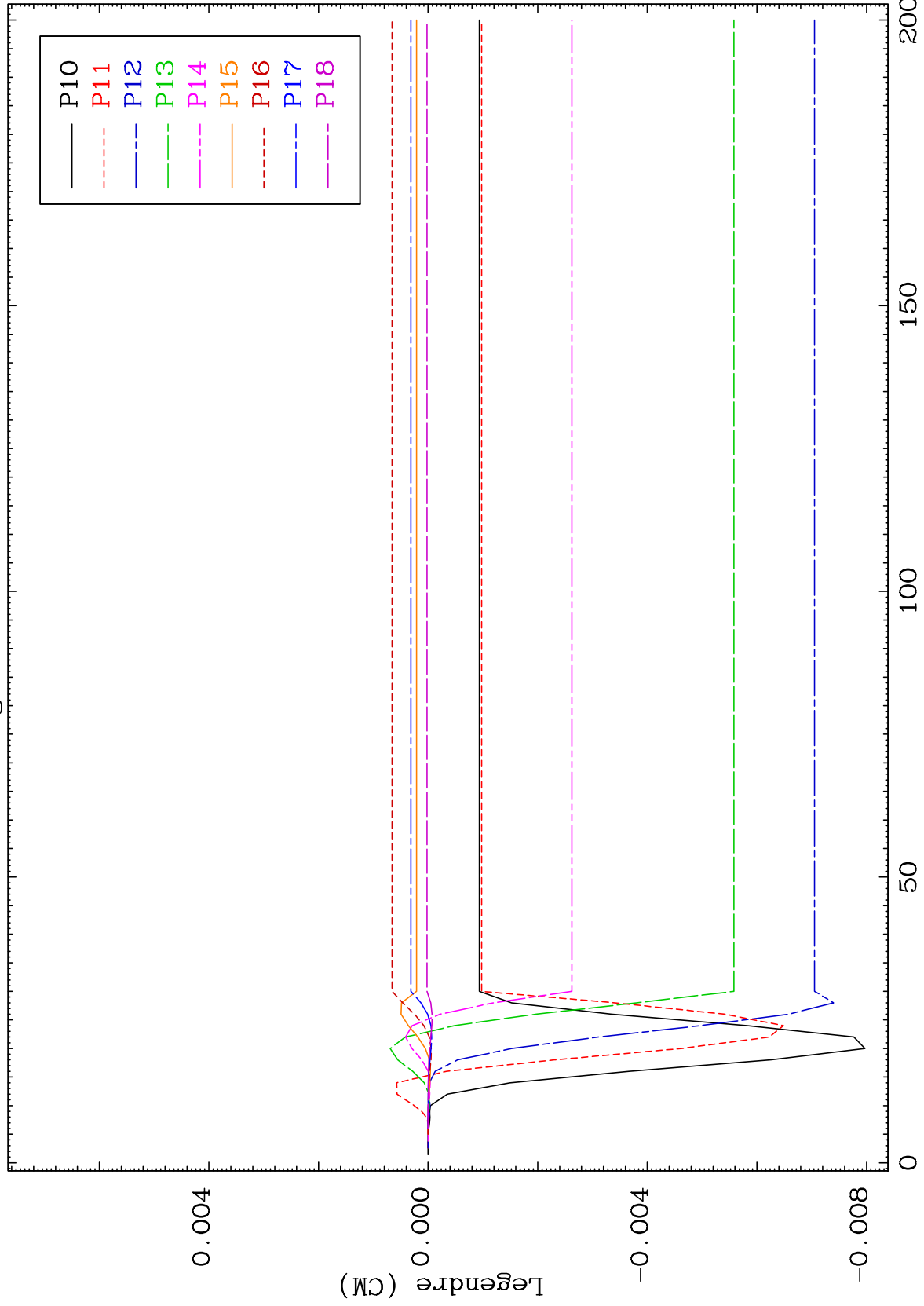




MAT 3722

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

37-Rb-84



27

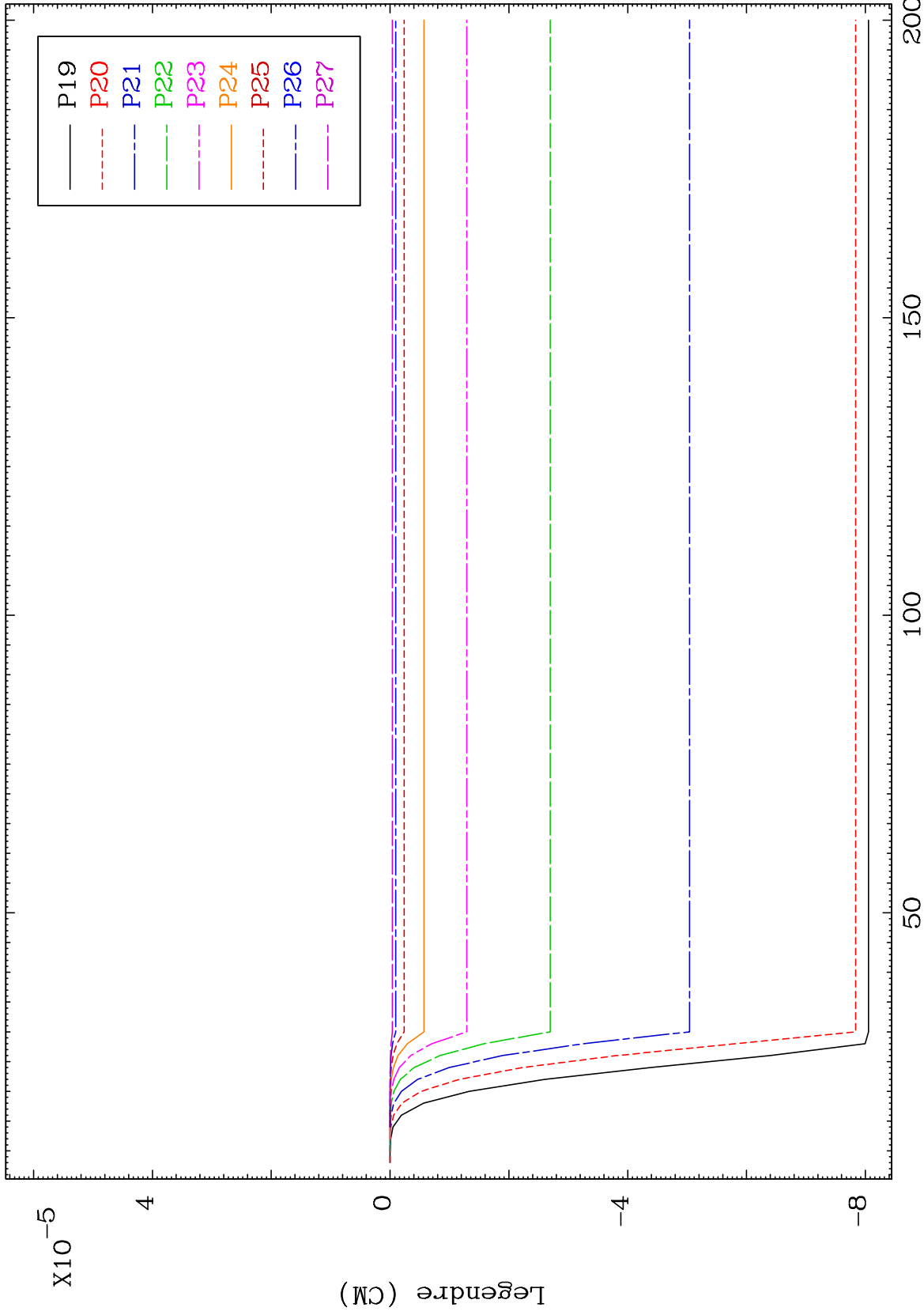
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

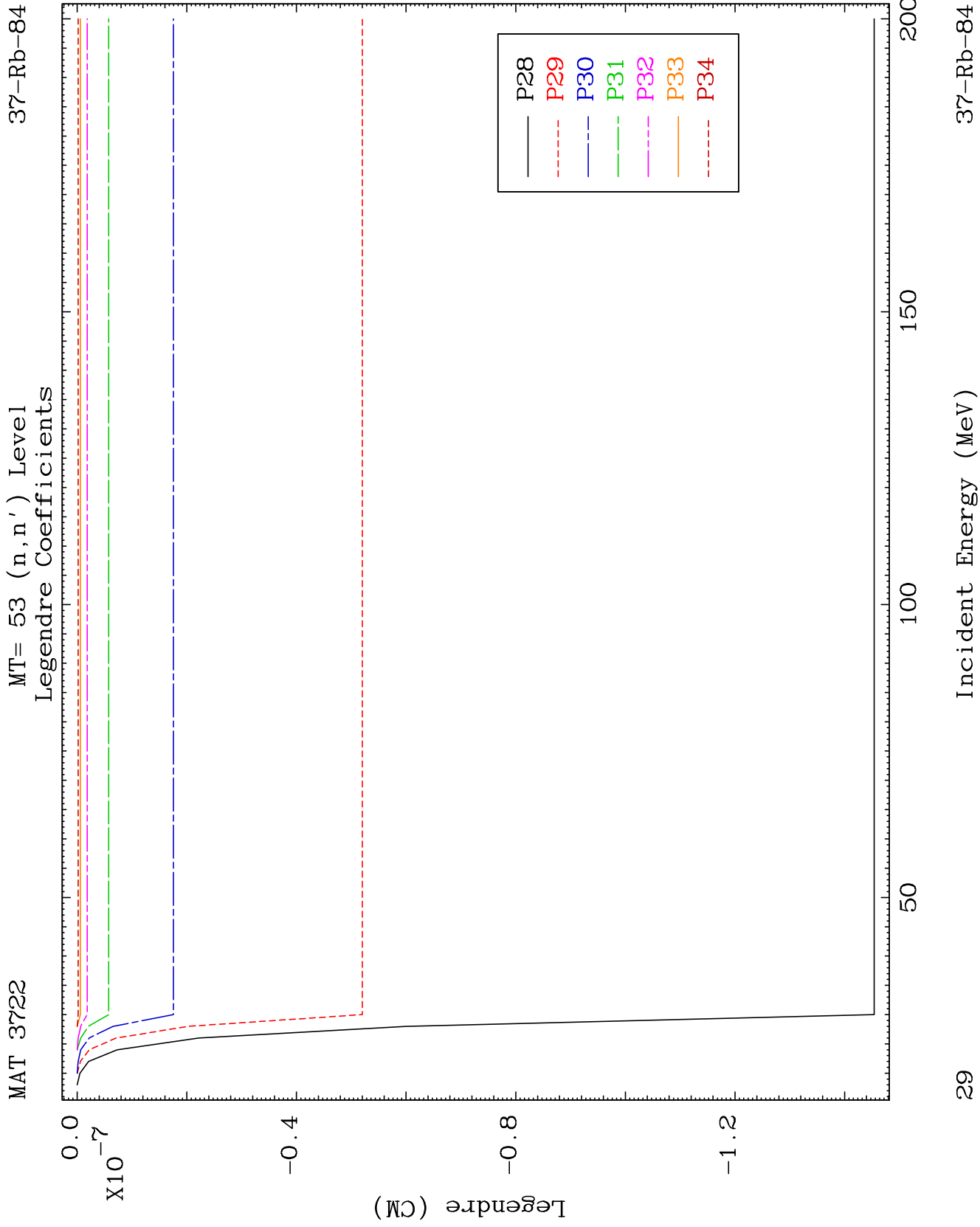
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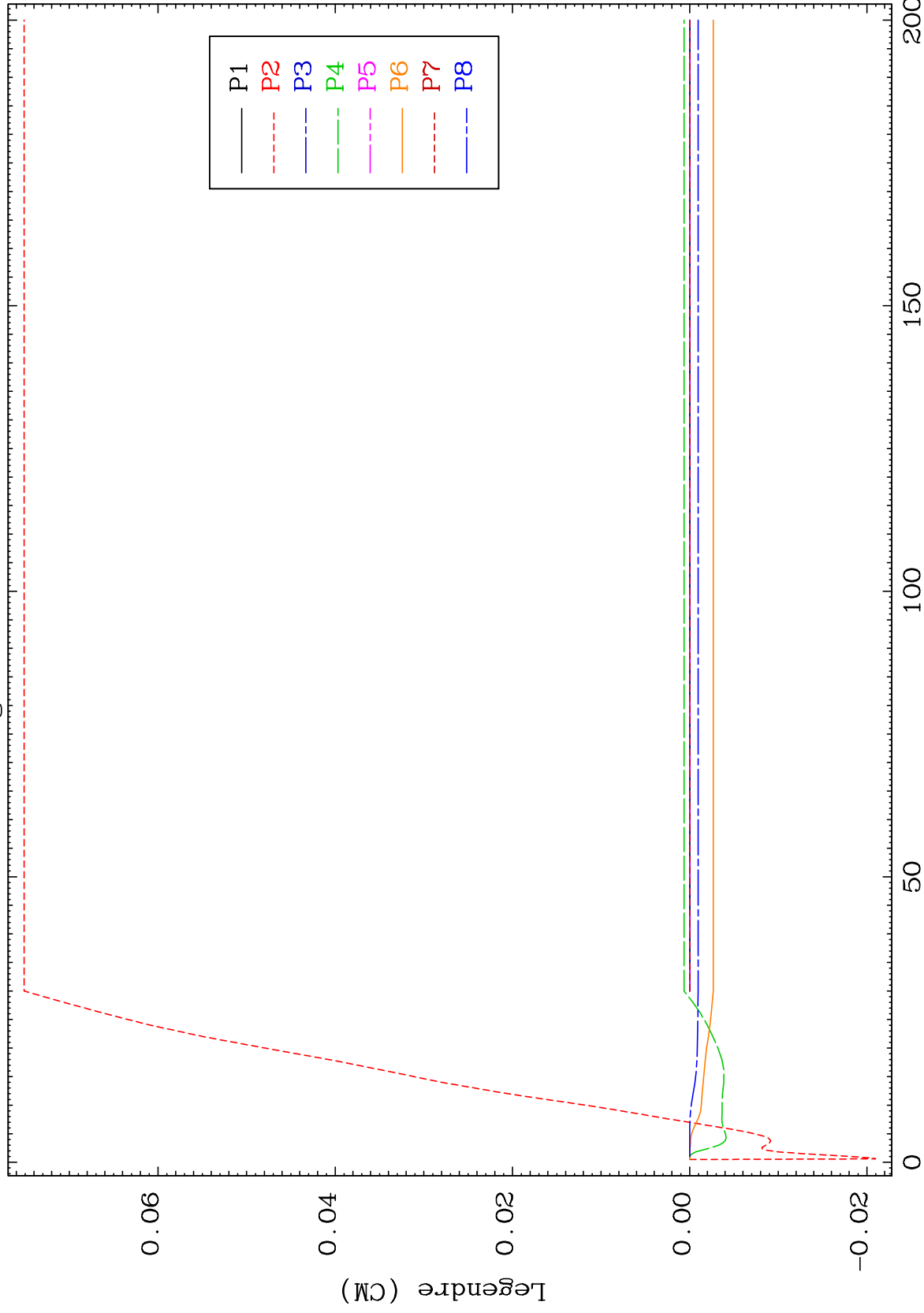
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Incident Energy (MeV)

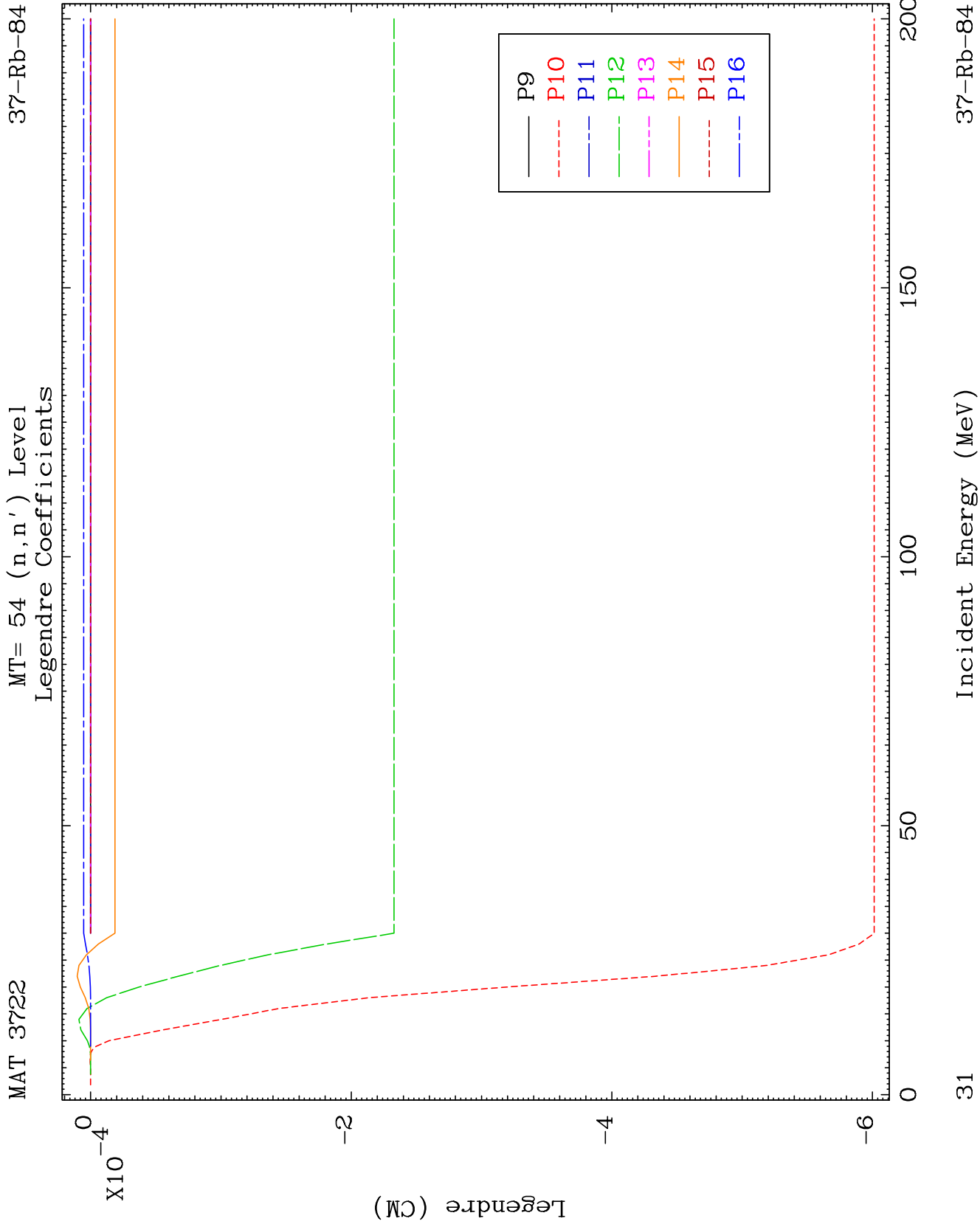
37-Rb-84



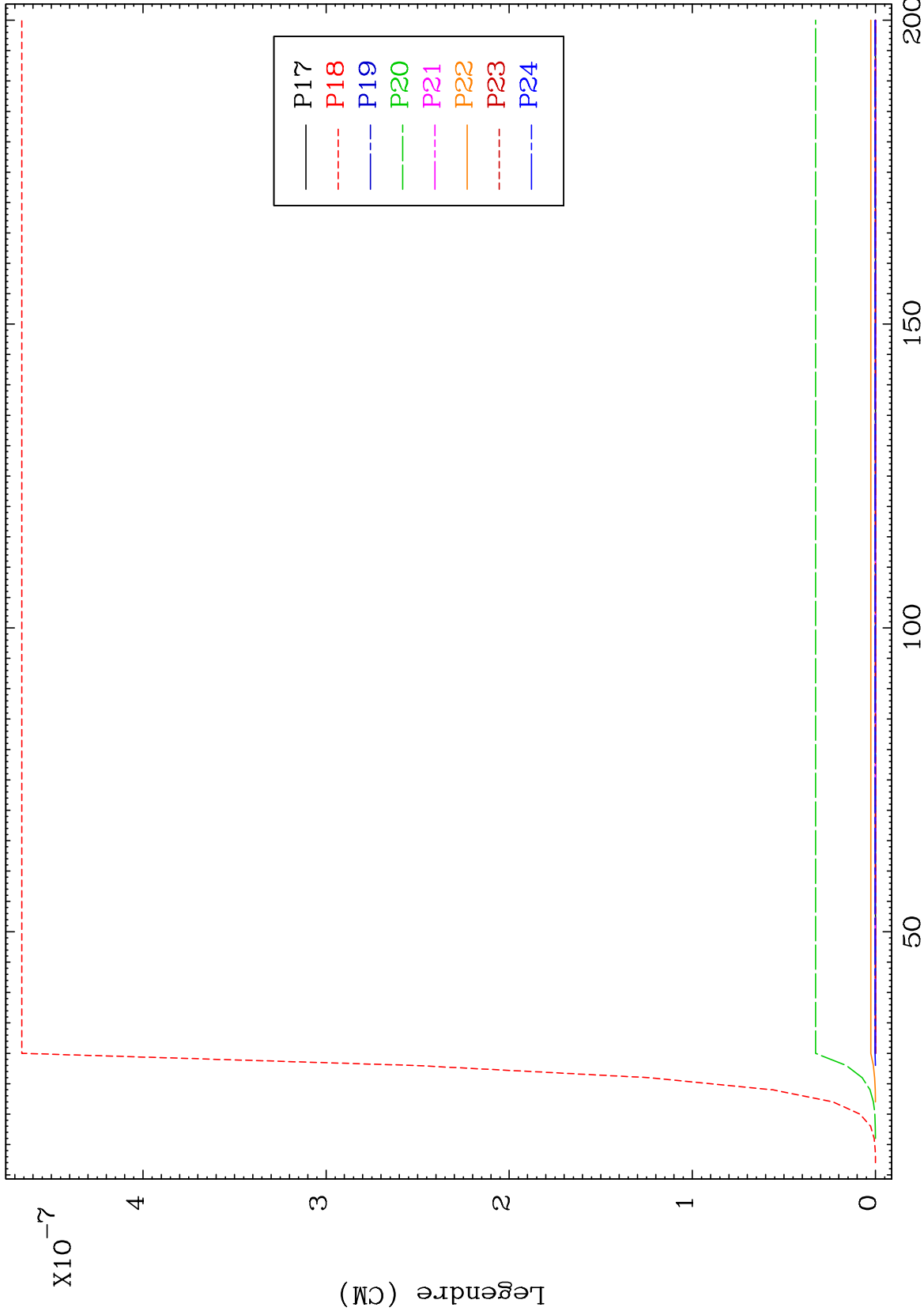
MAT 3722 MT= 54 (n,n') Level Legendre Coefficients 37-Rb-84



37-Rb-84

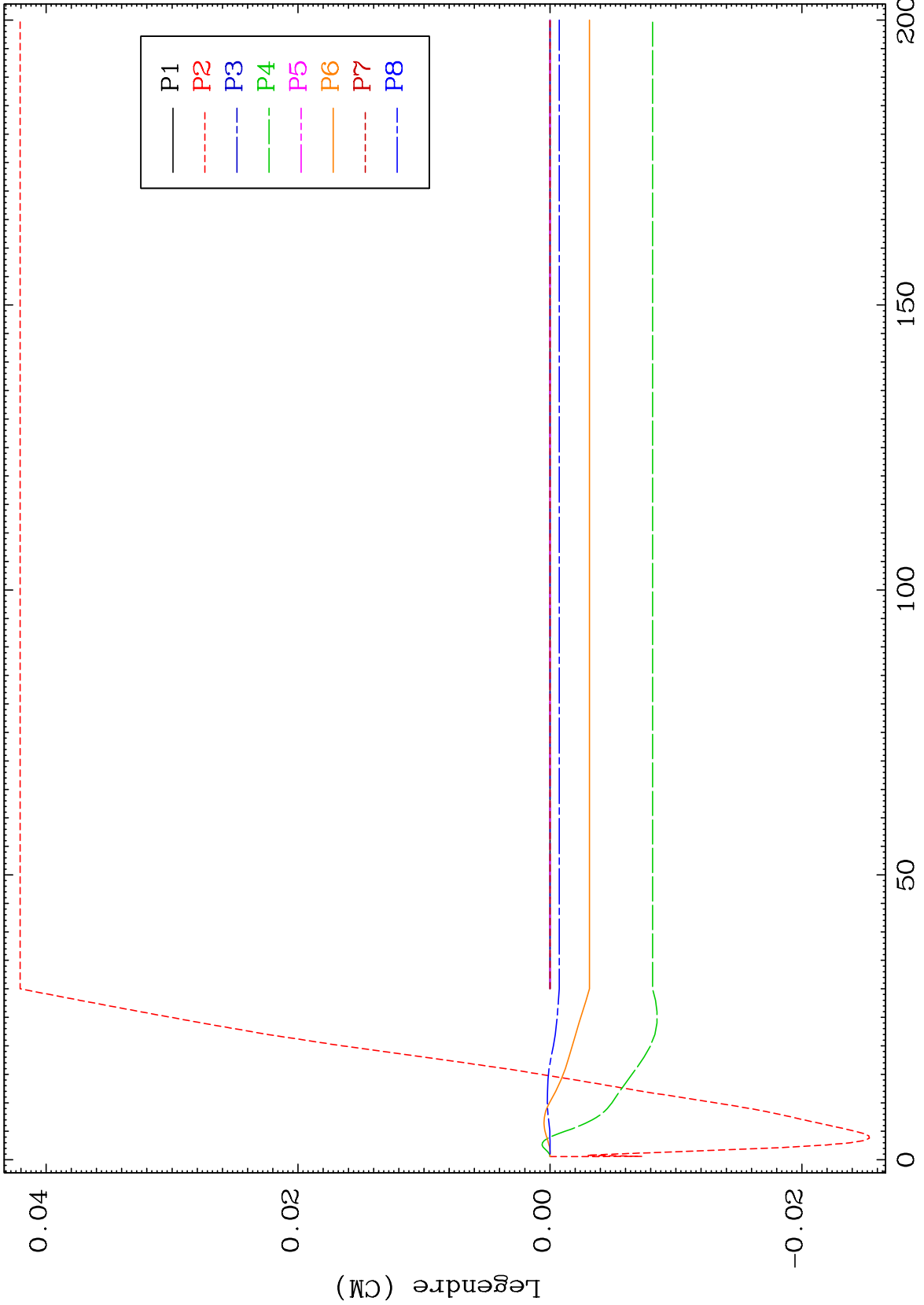


MAT 3722 MT= 54 (n,n') Level Legendre Coefficients 37-Rb-84



32 Incident Energy (MeV) 37-Rb-84

MAT 3722 MT= 55 (n,n') Level Legendre Coefficients 37-Rb-84

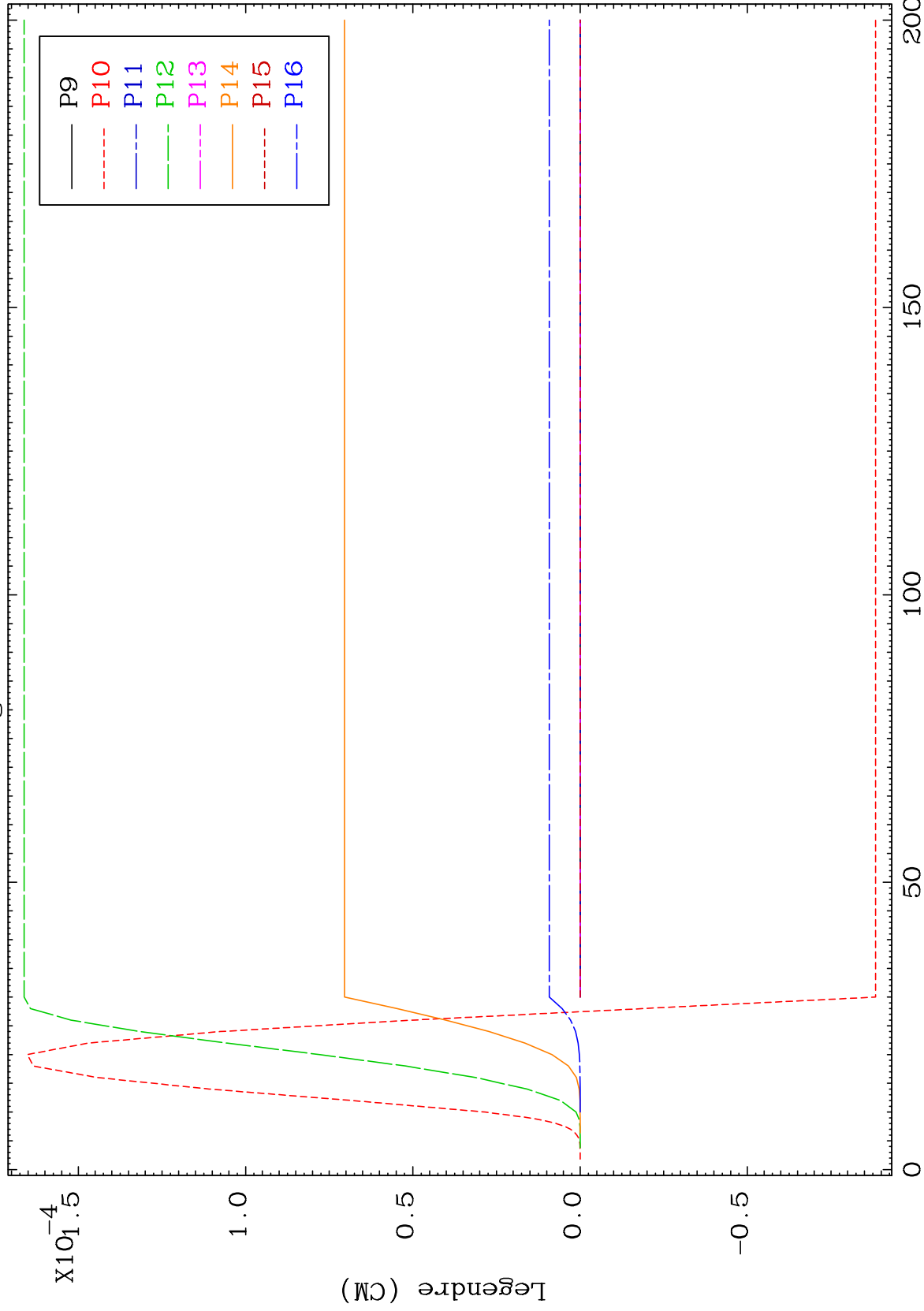


33 37-Rb-84

MAT 3722

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

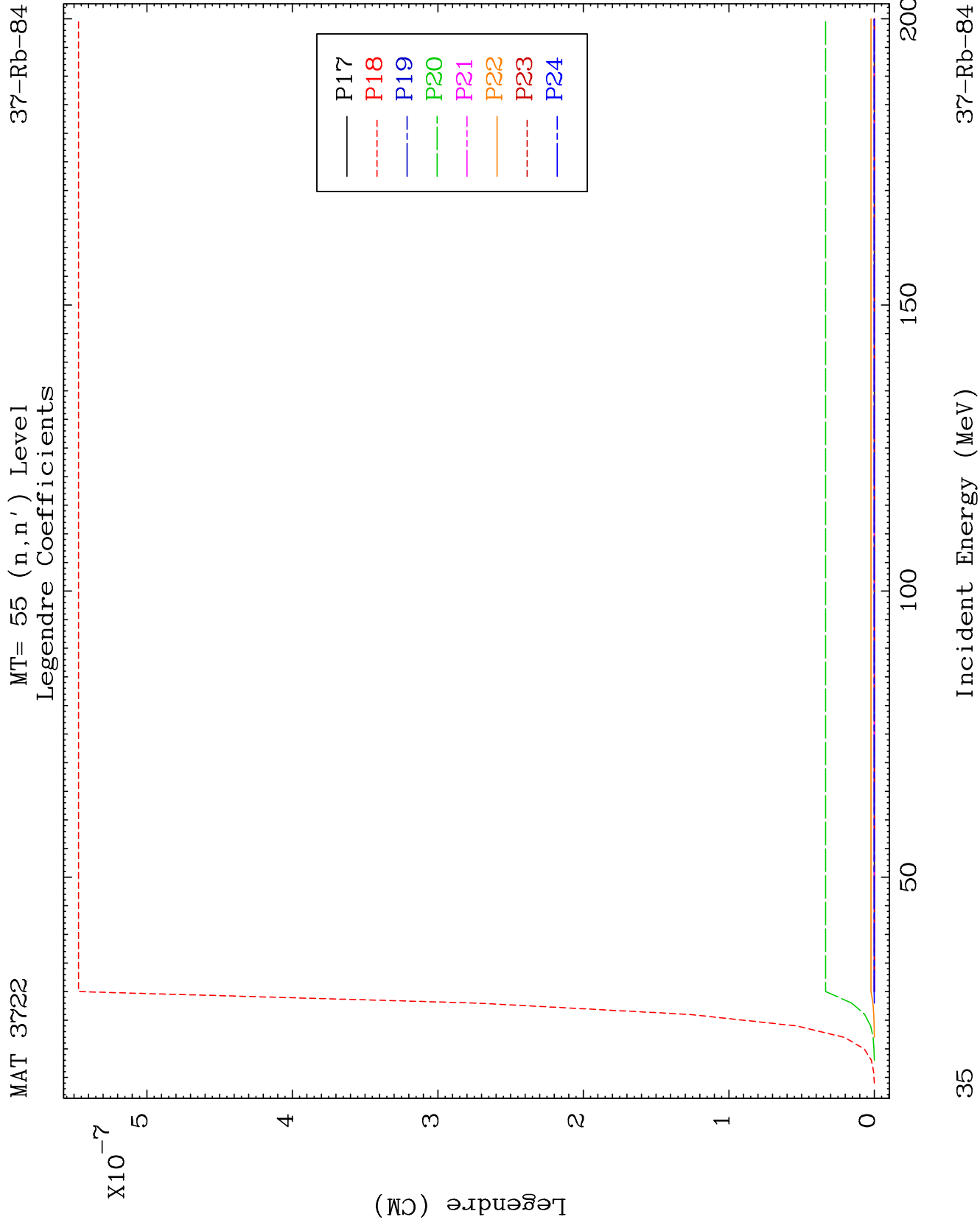
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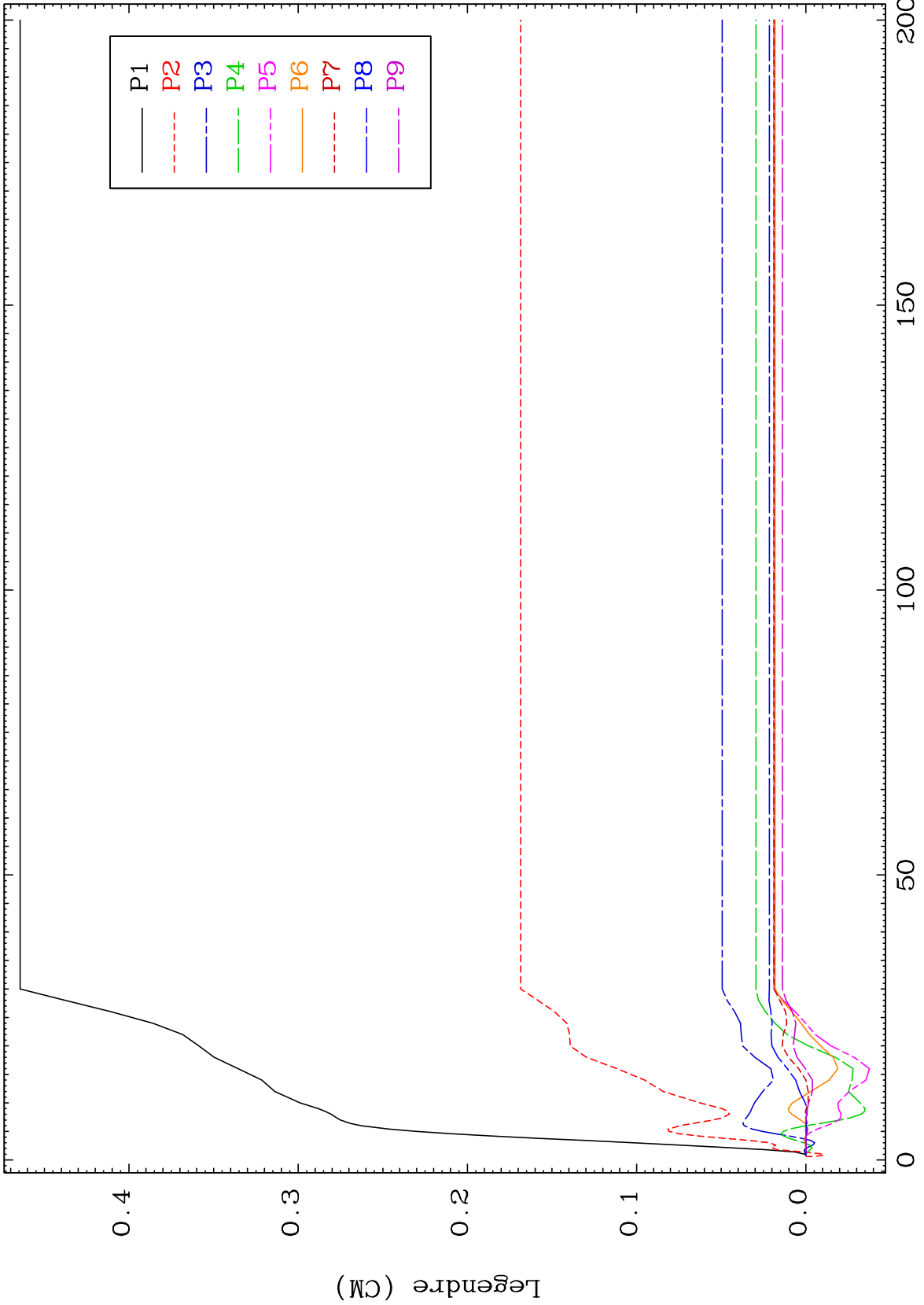


34

Incident Energy (MeV)

37-Rb-84

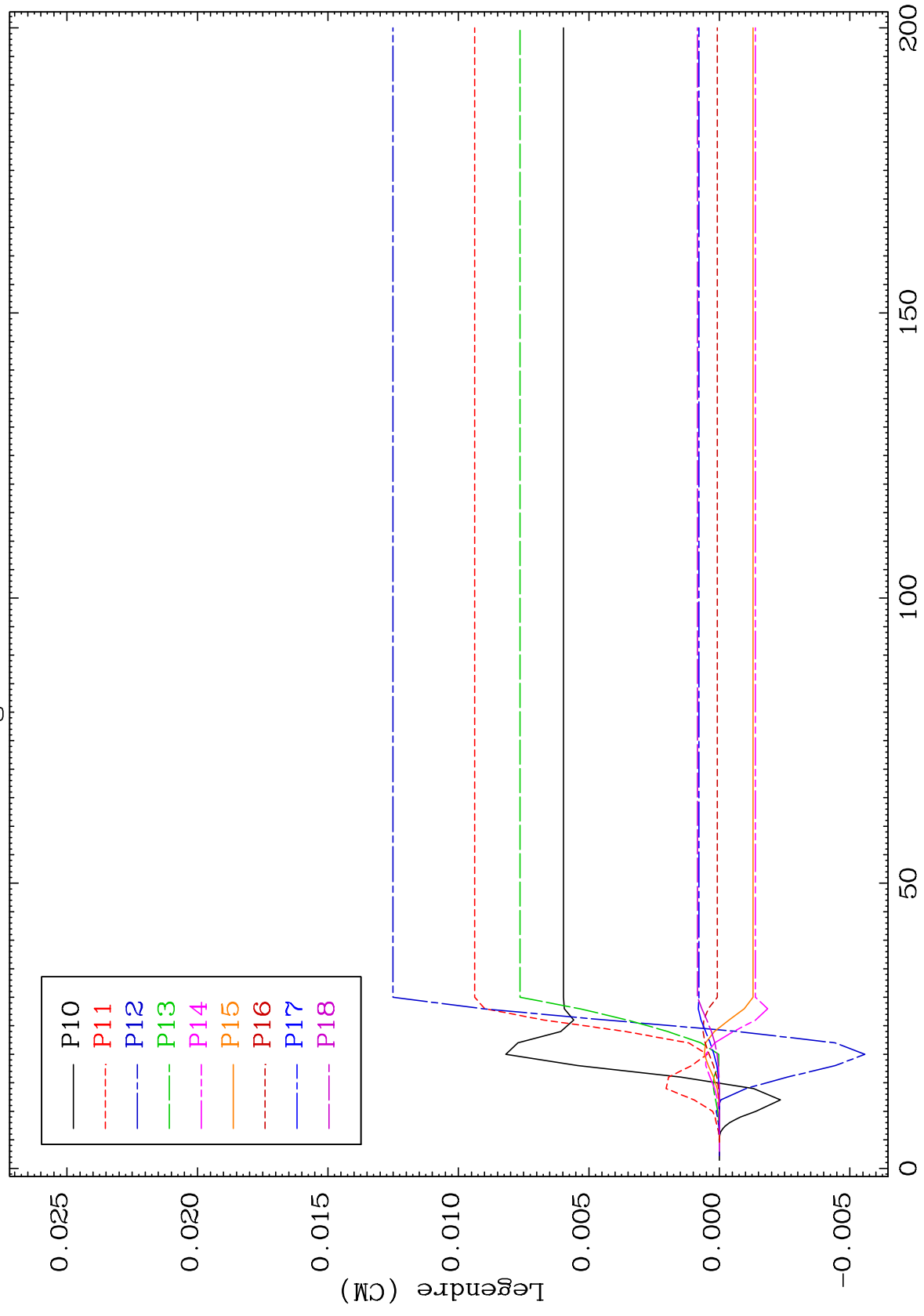




MAT 3722

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

37-Rb-84



32

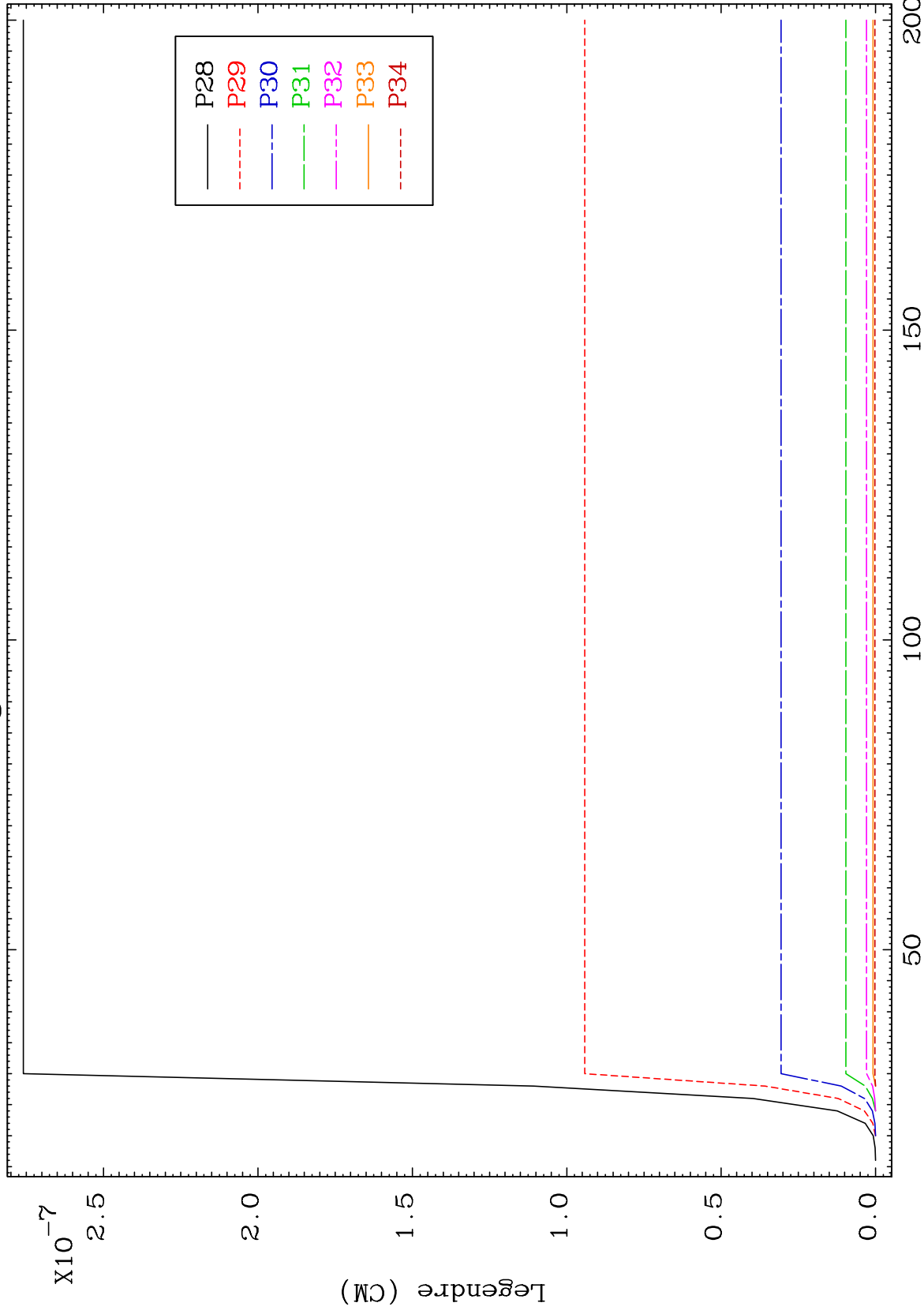
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



39

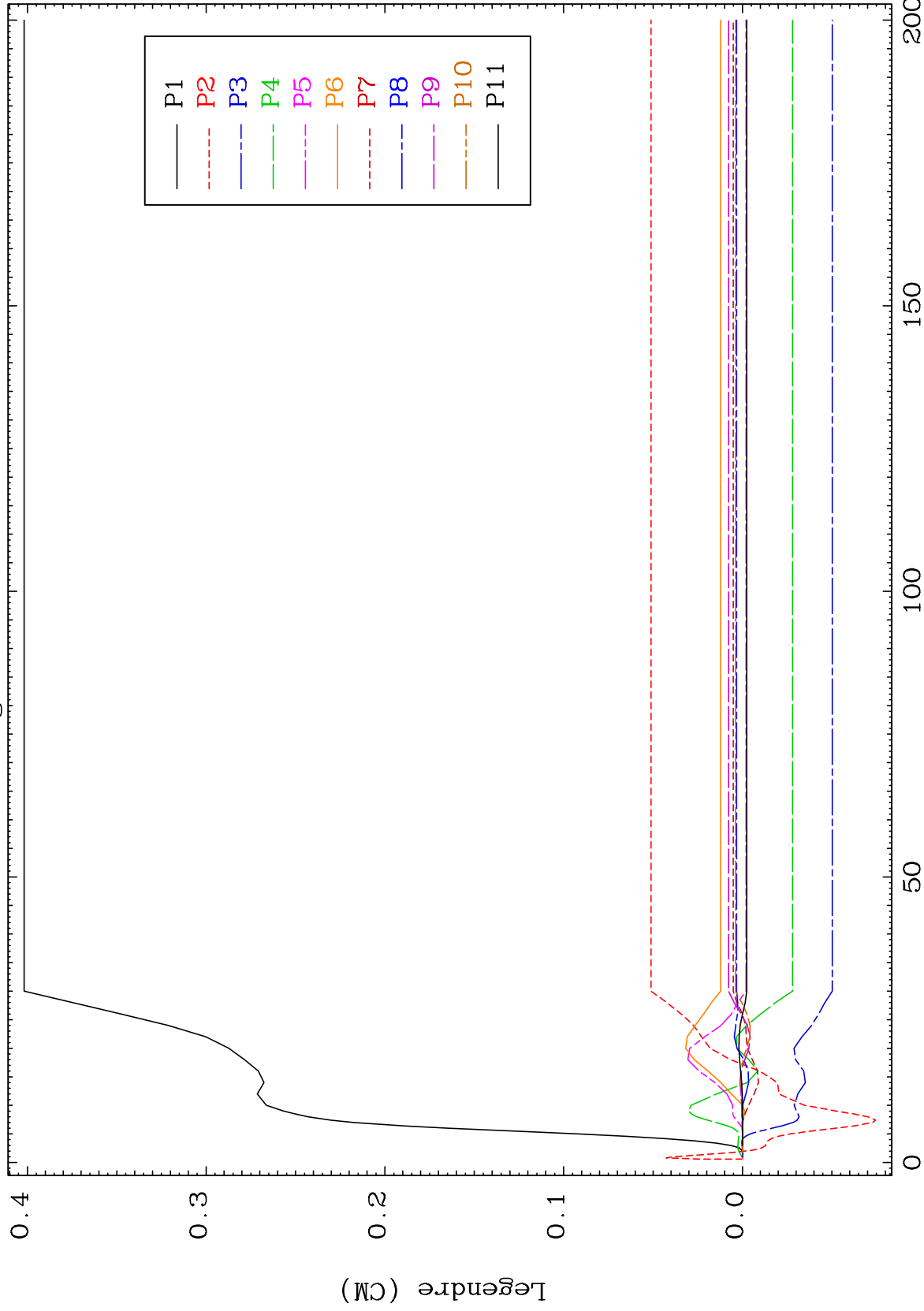
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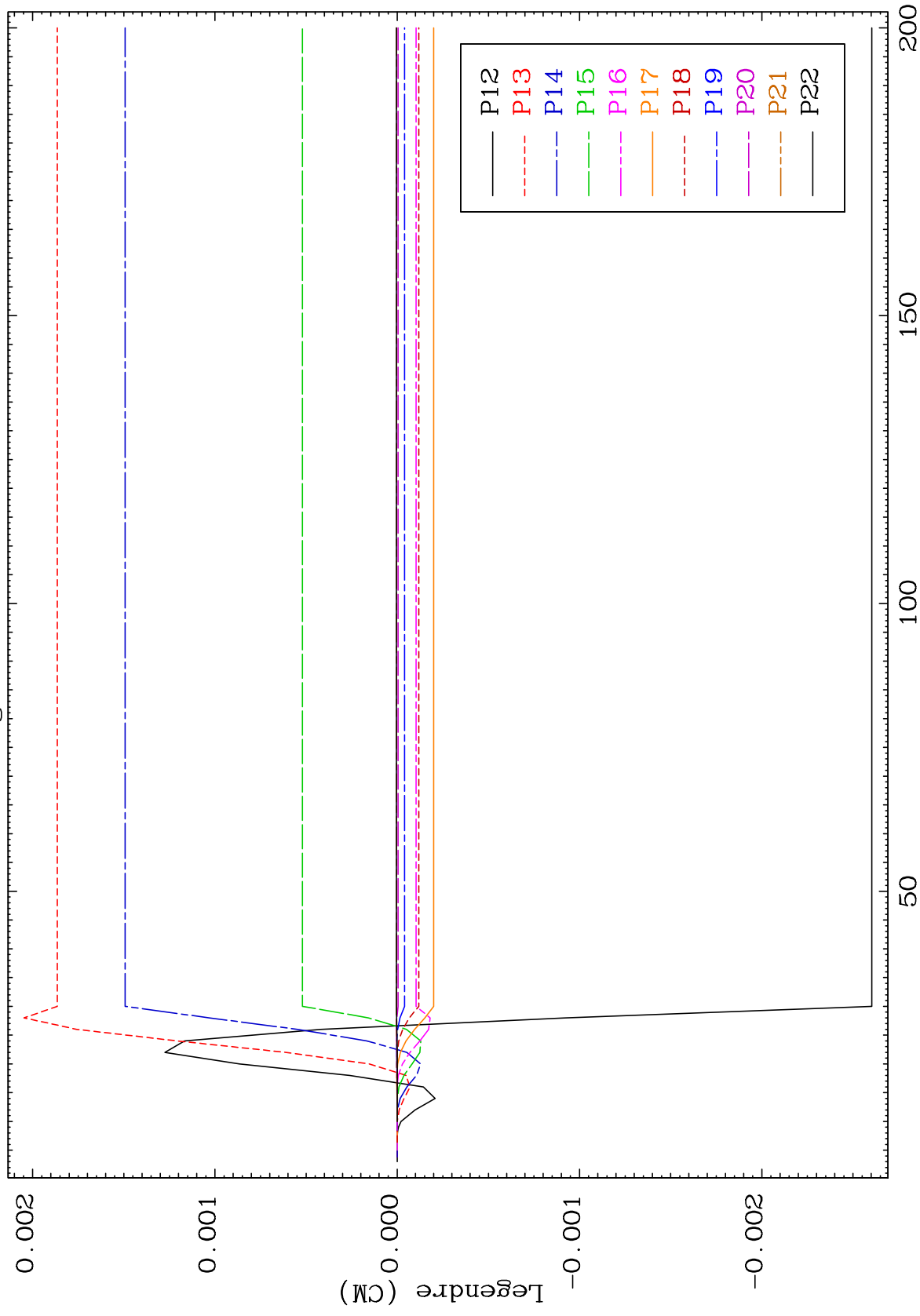
37-Rb-84

MAT 3722

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

37-Rb-84

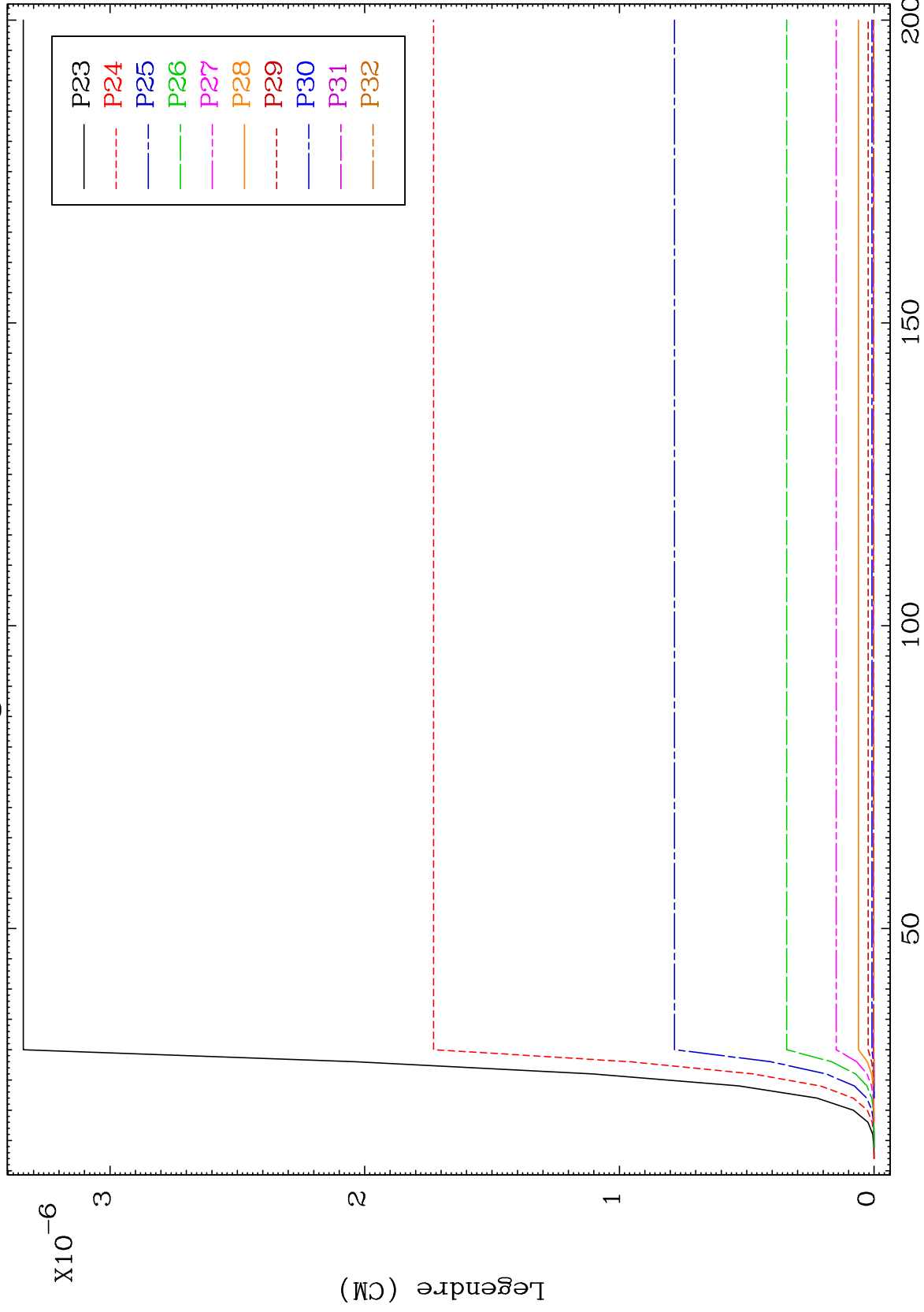




MAT 3722

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

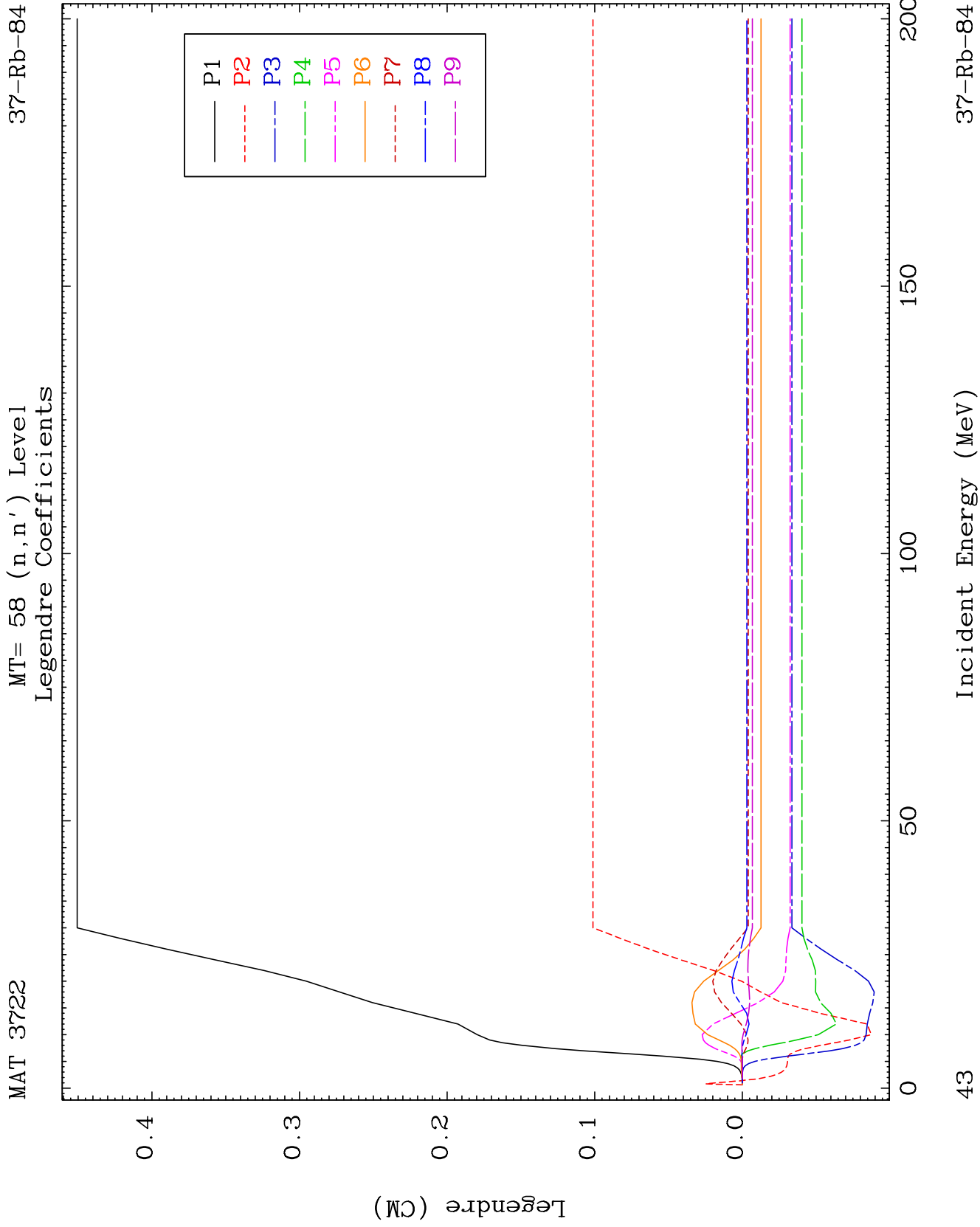
37-Rb-84



42

Incident Energy (MeV)

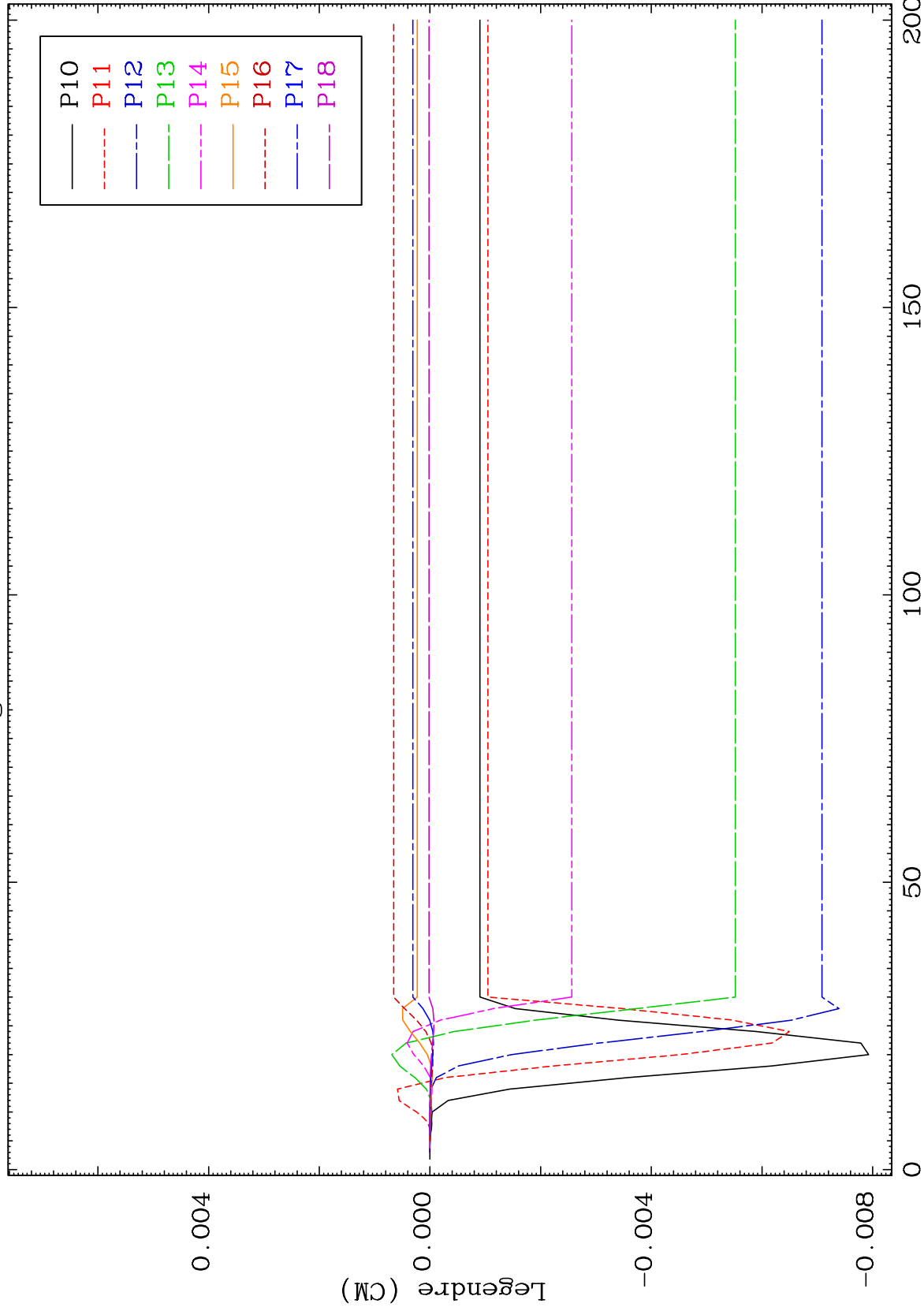
37-Rb-84



MAT 3722

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

37-Rb-84



44

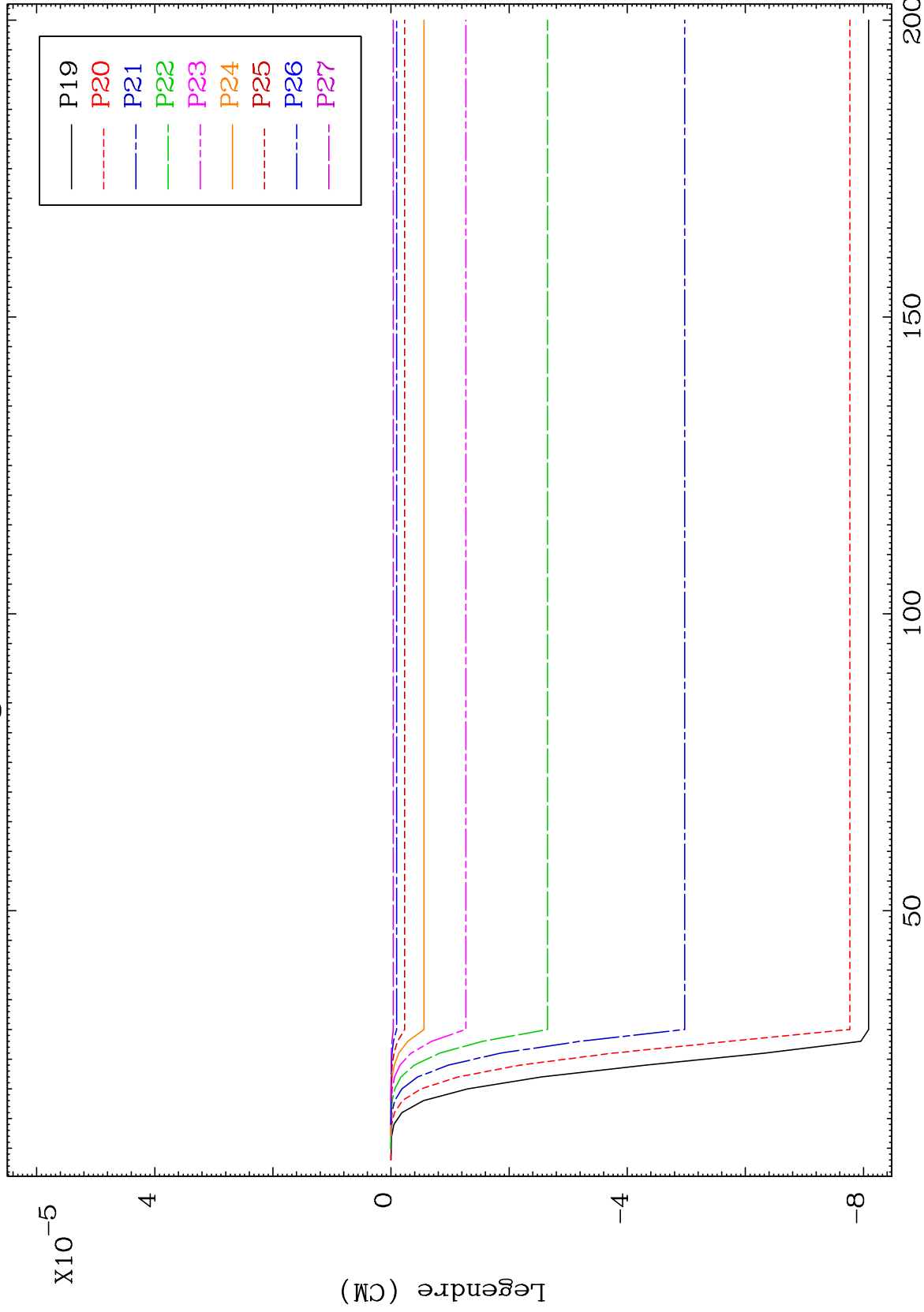
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

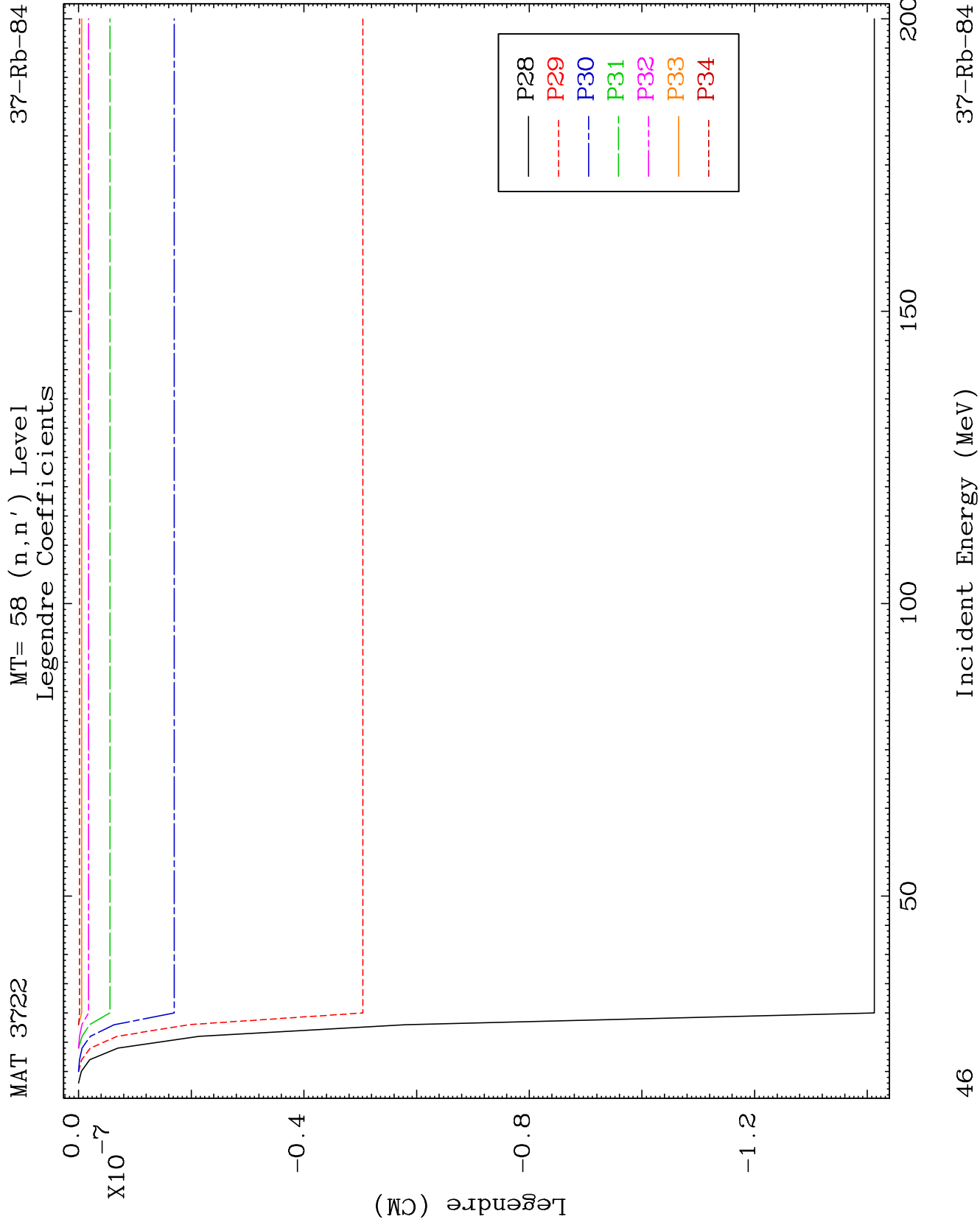
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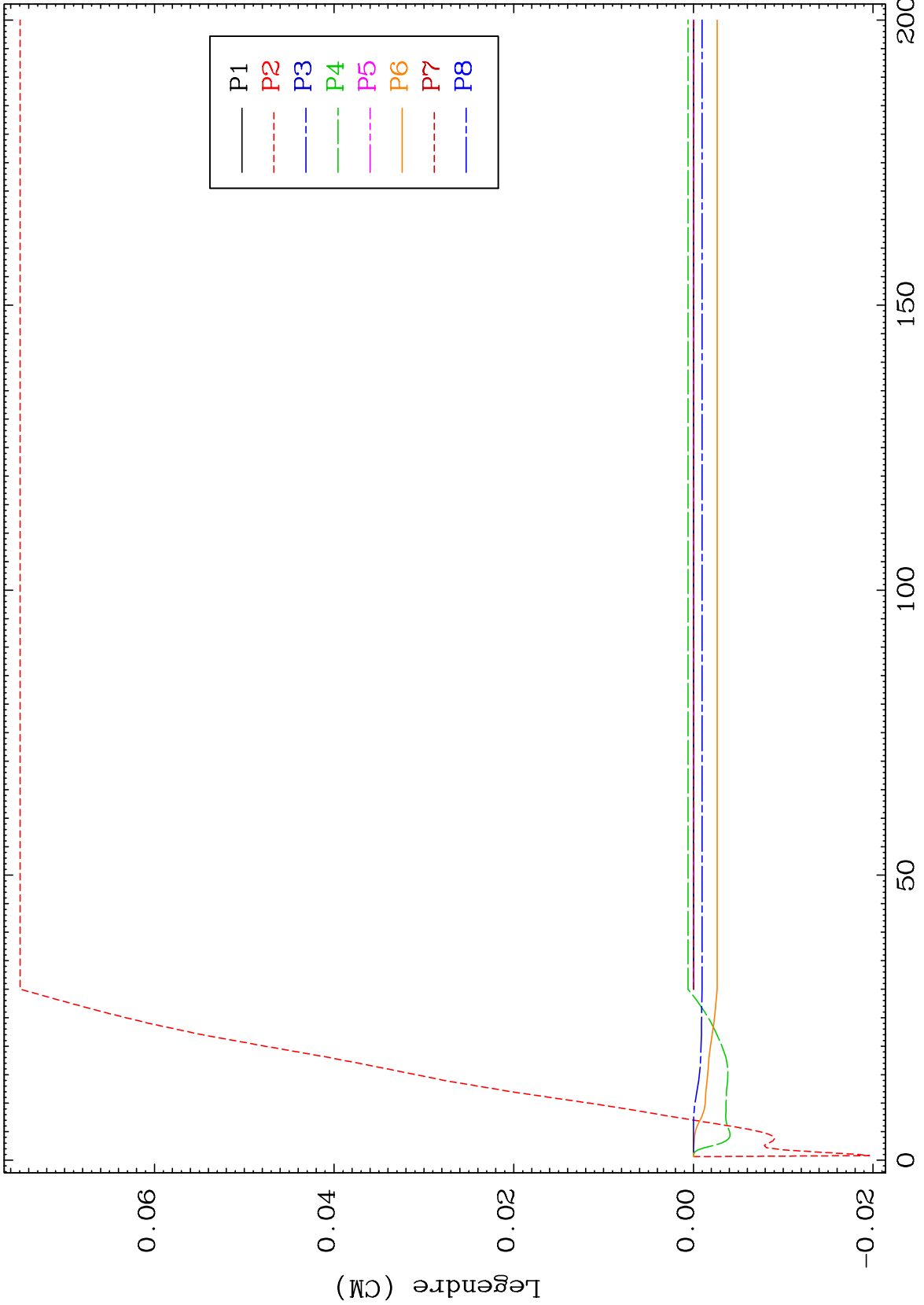
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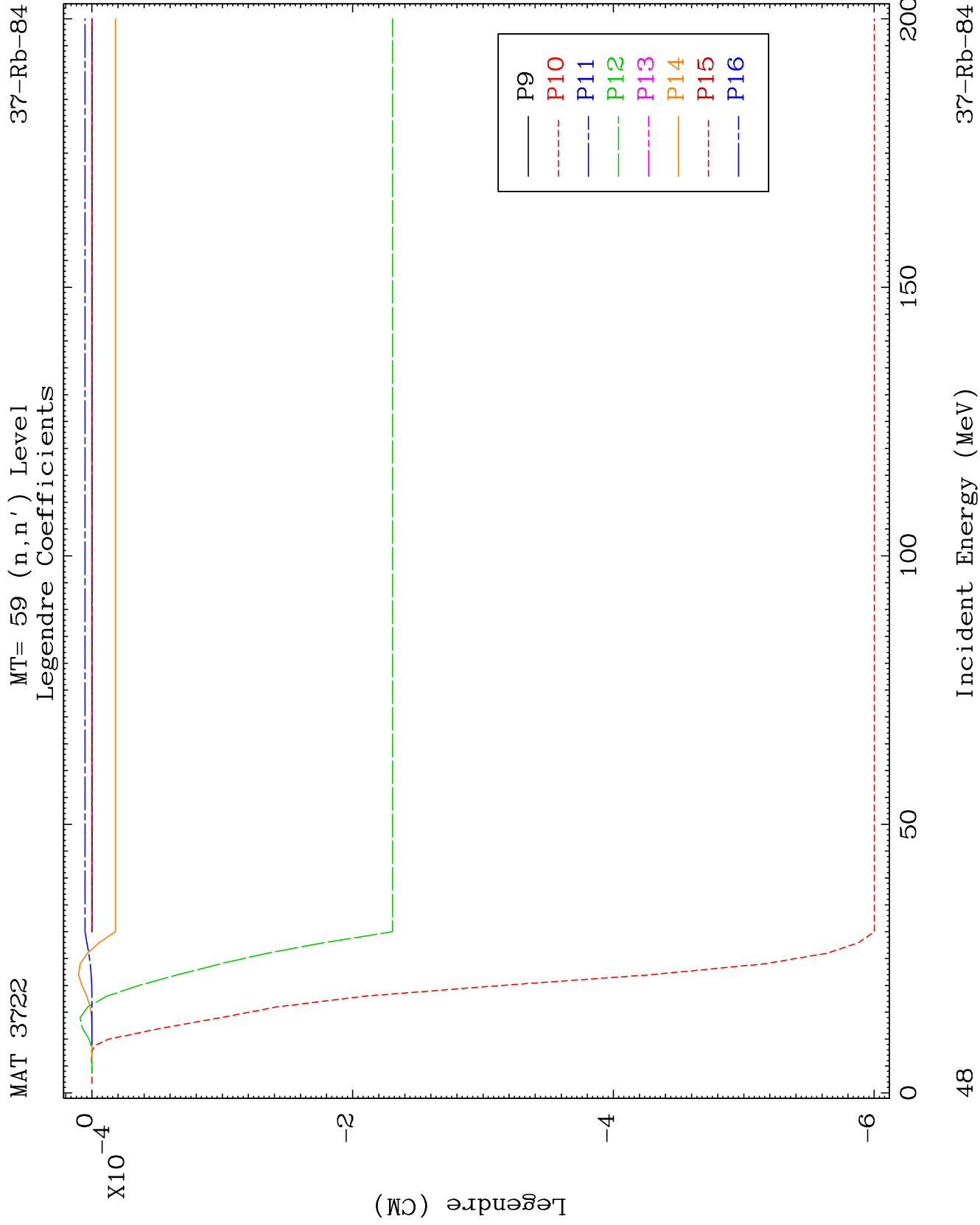
Incident Energy (MeV)

37-Rb-84

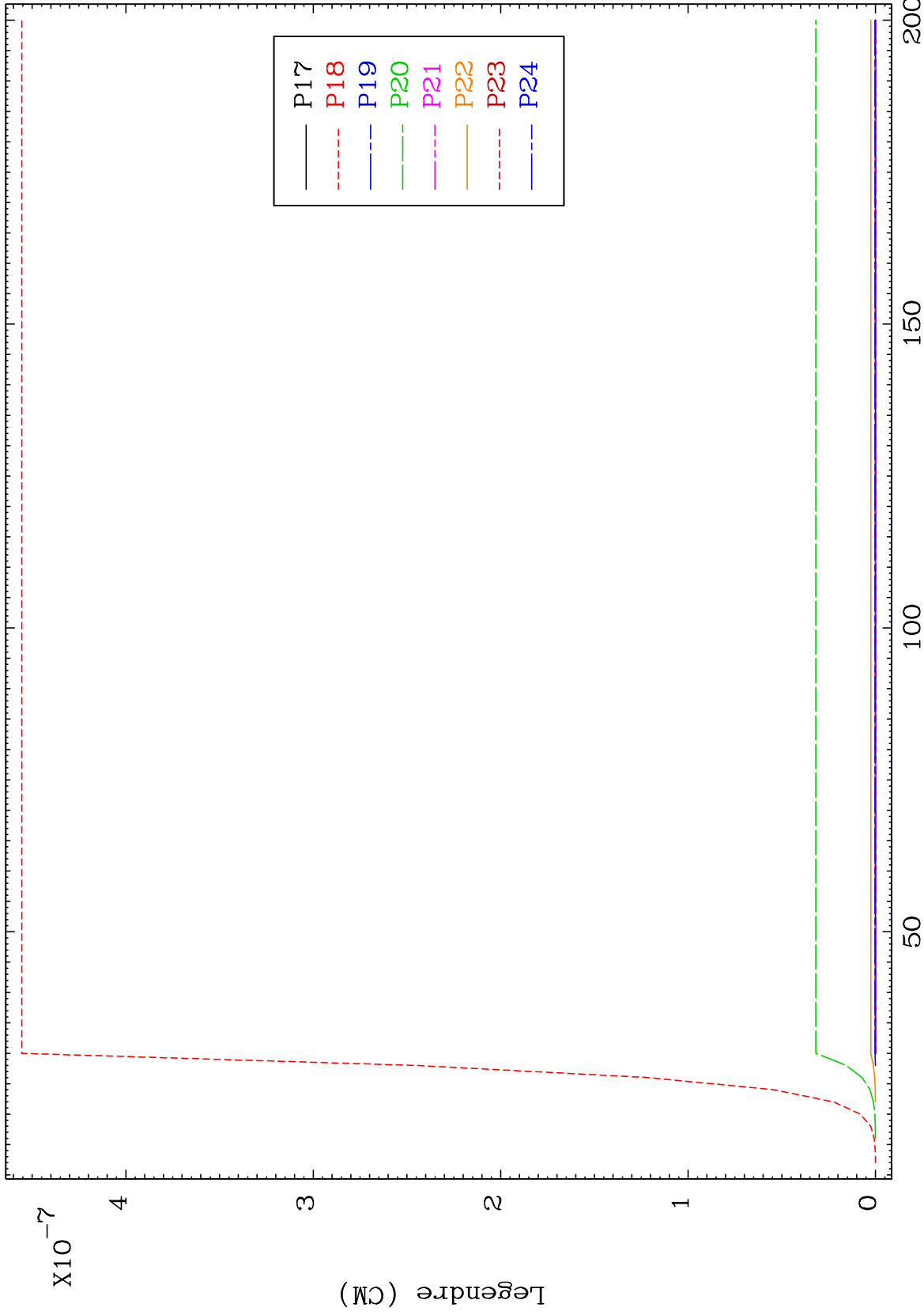


MAT 3722 MT= 59 (n,n') Level Legendre Coefficients 37-Rb-84

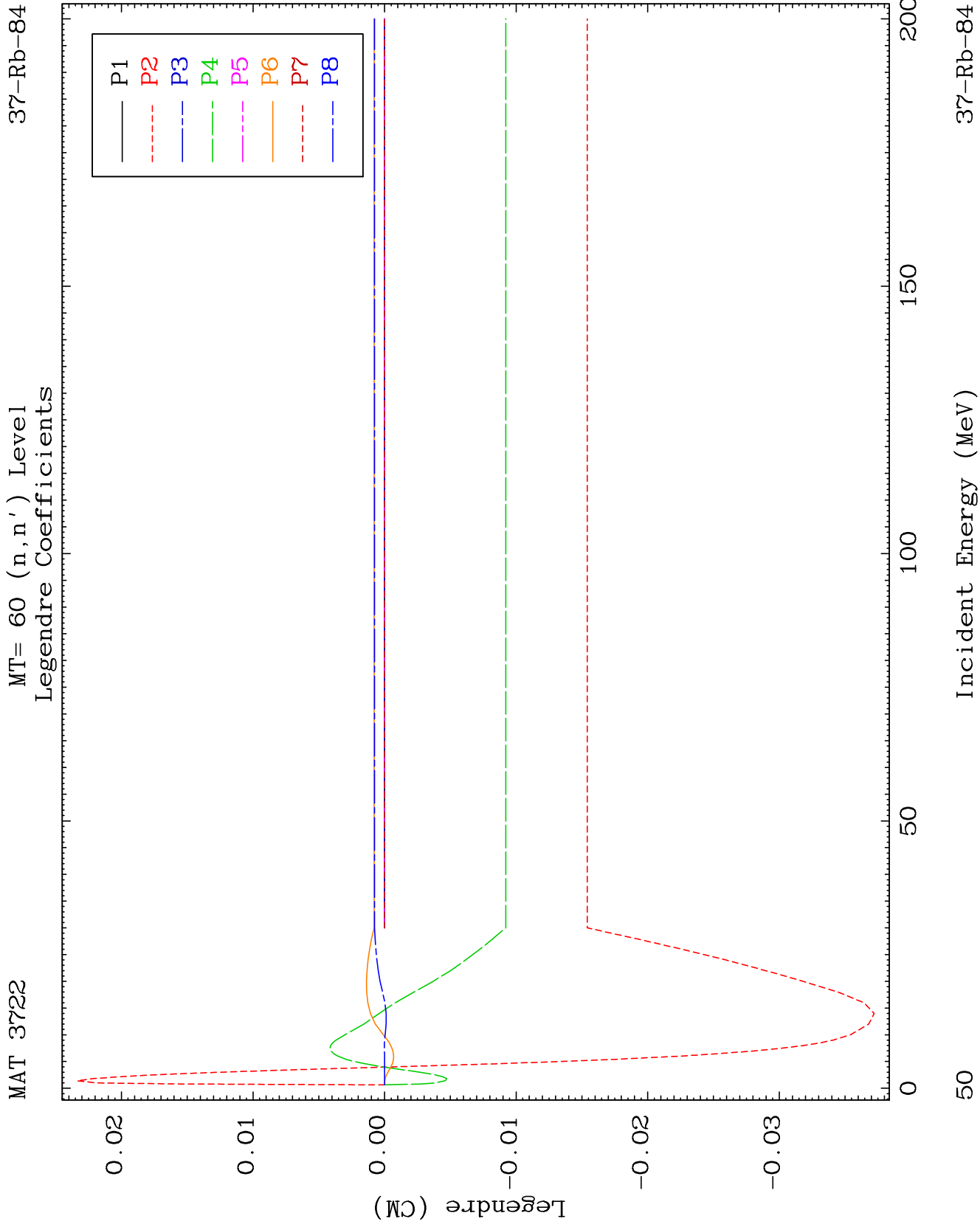




MAT 3722 MT= 59 (n,n') Level Legendre Coefficients 37-Rb-84



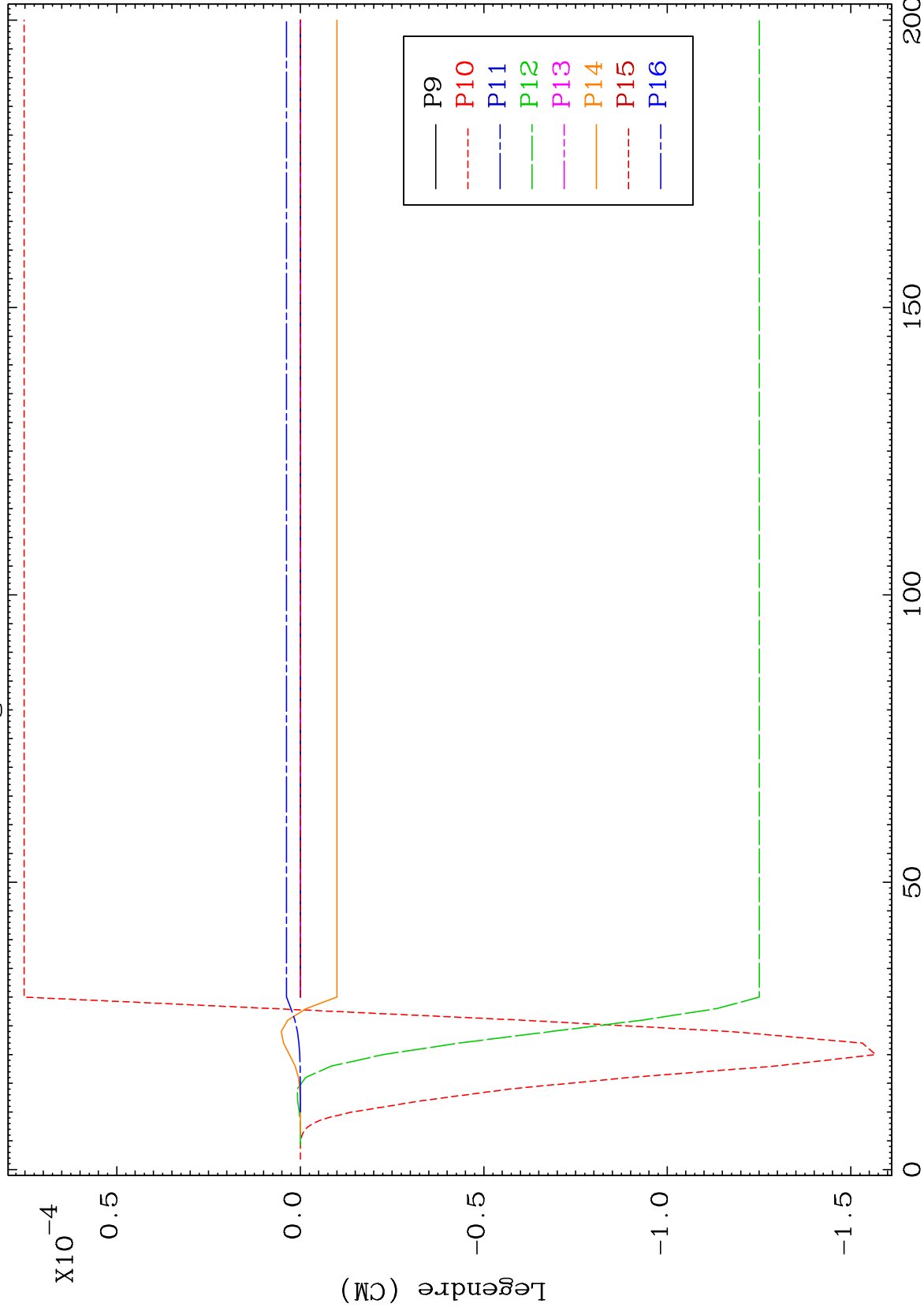
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MAT 3722

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

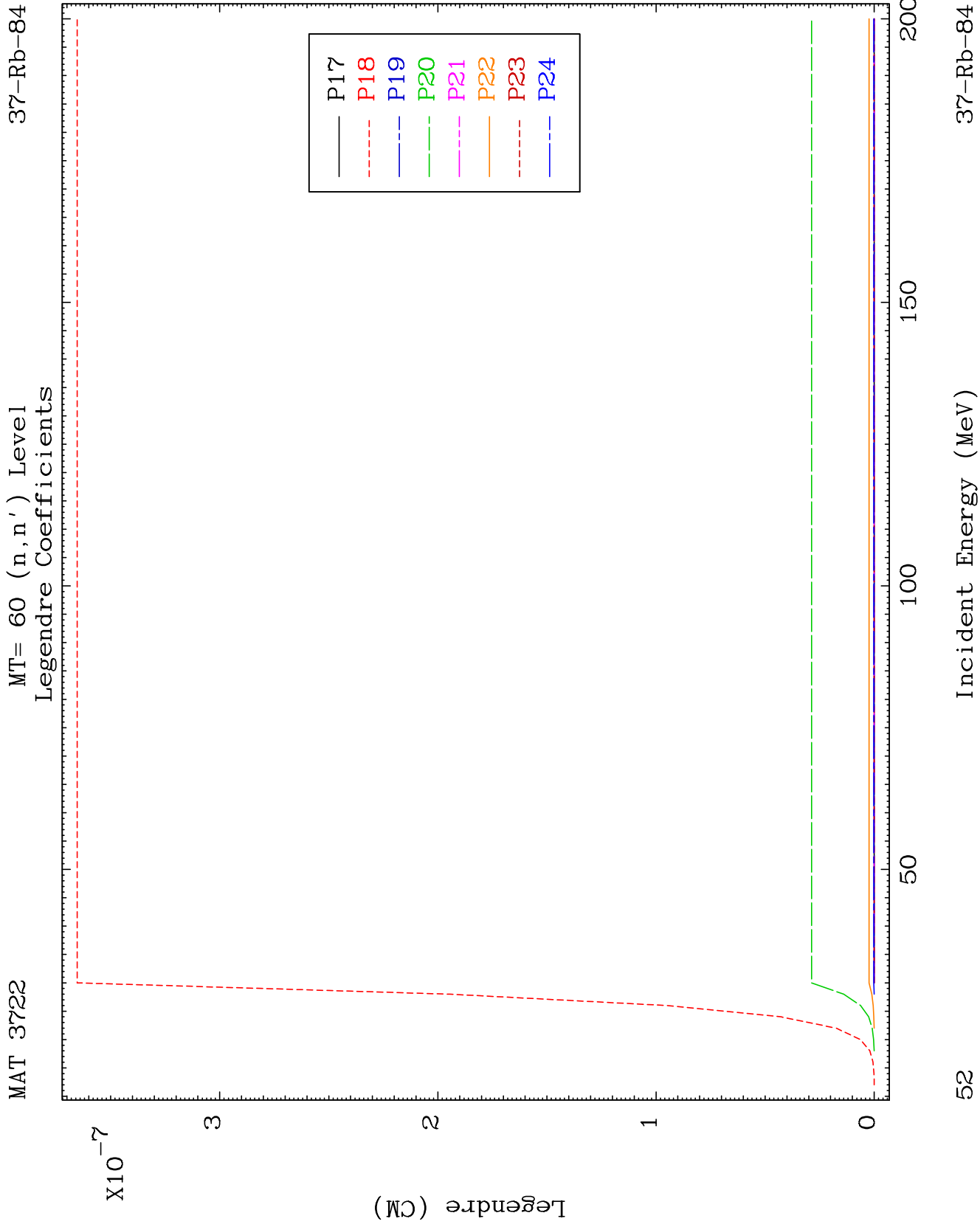
37-Rb-84



51

Incident Energy (MeV)

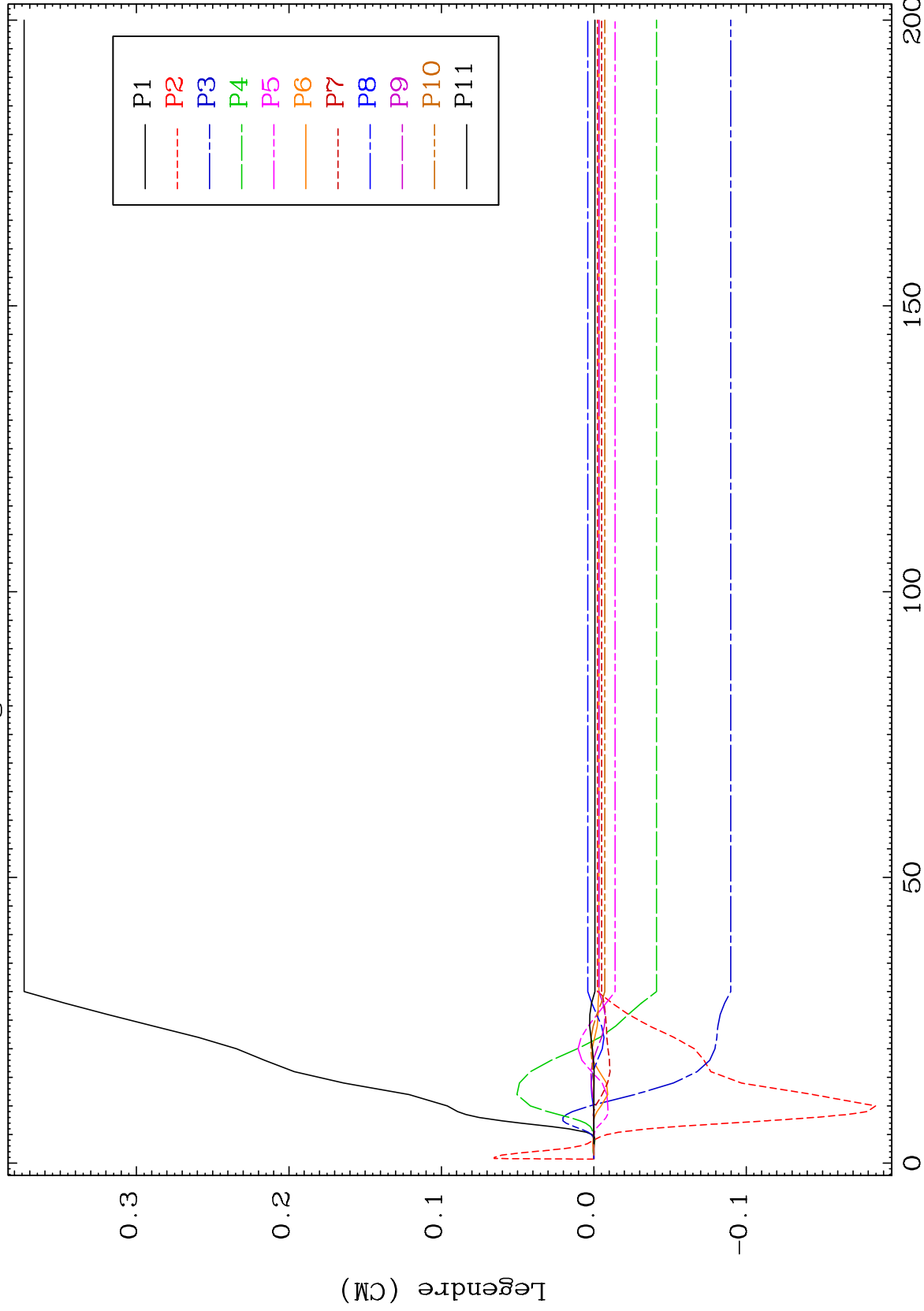
37-Rb-84



MAT 3722

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

37-Rb-84



53

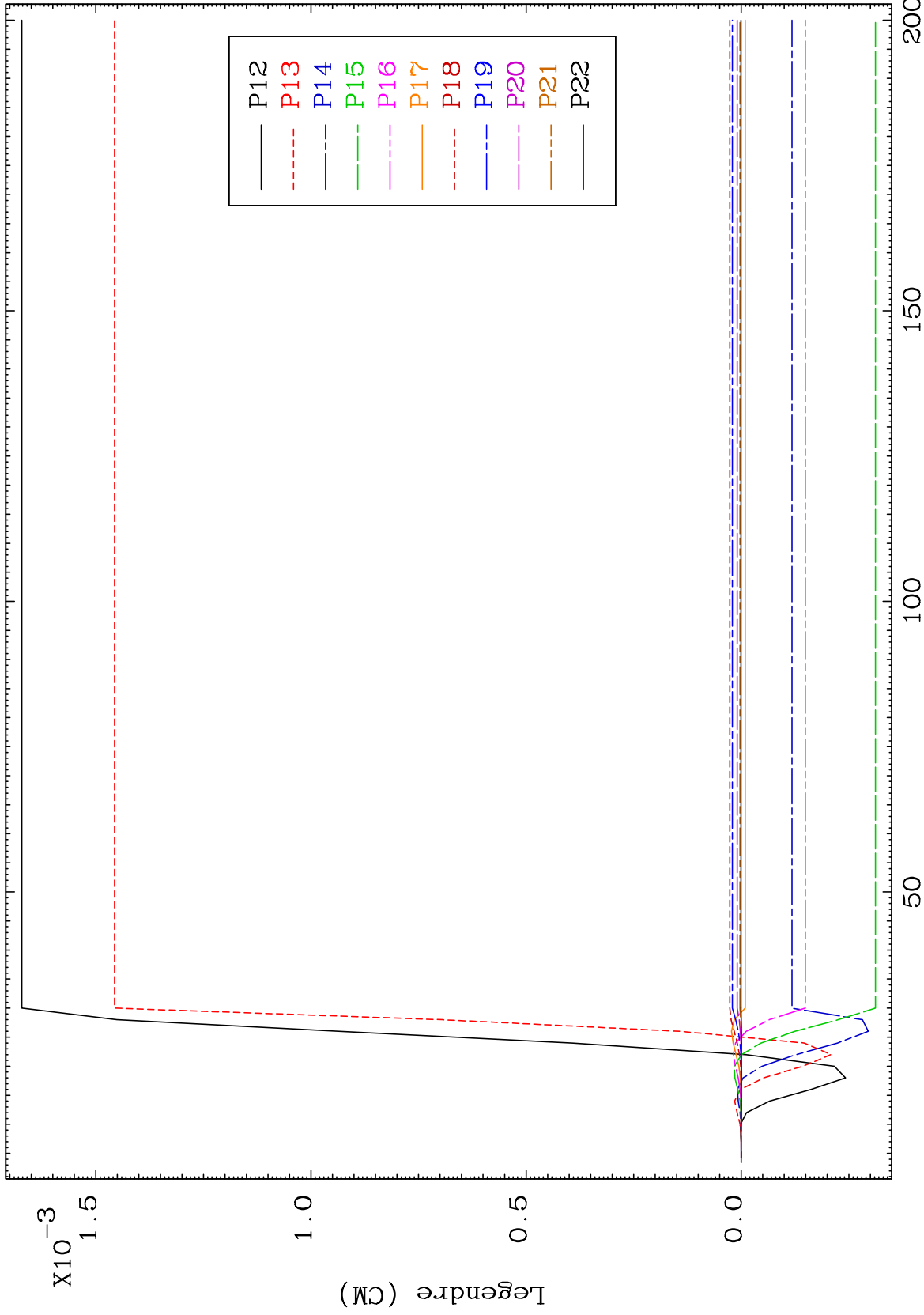
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

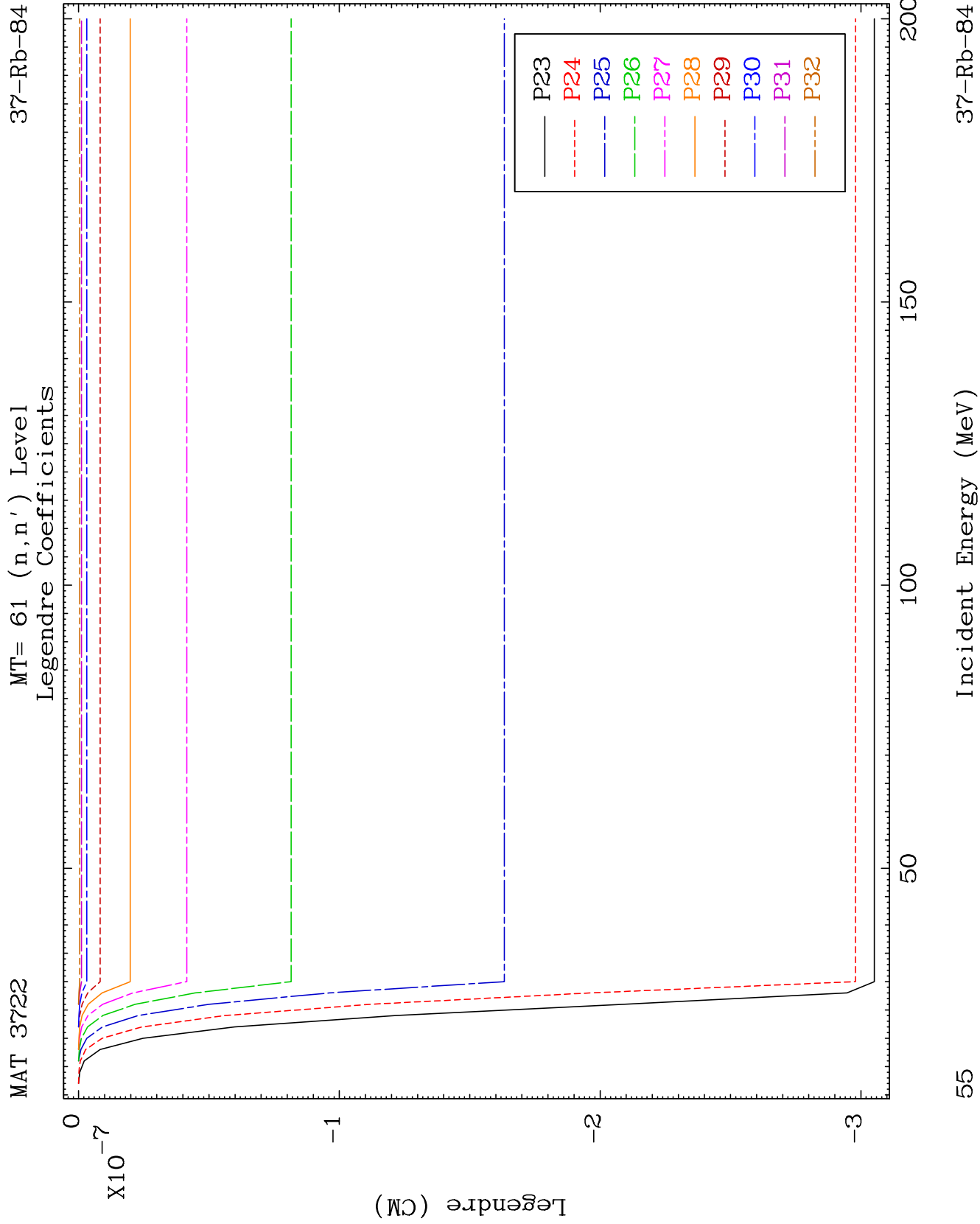
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Incident Energy (MeV)

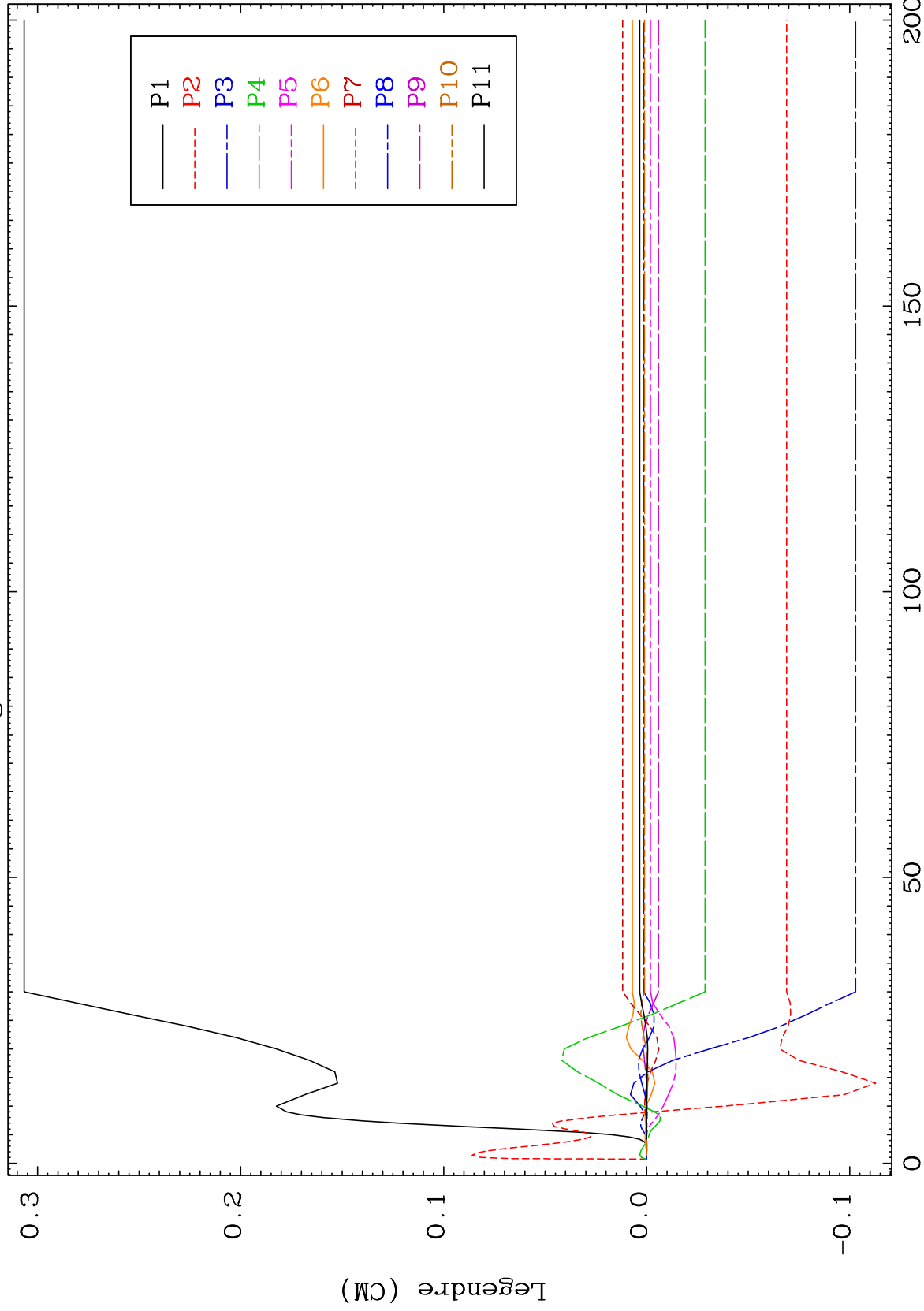
37-Rb-84



MAT 3722

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

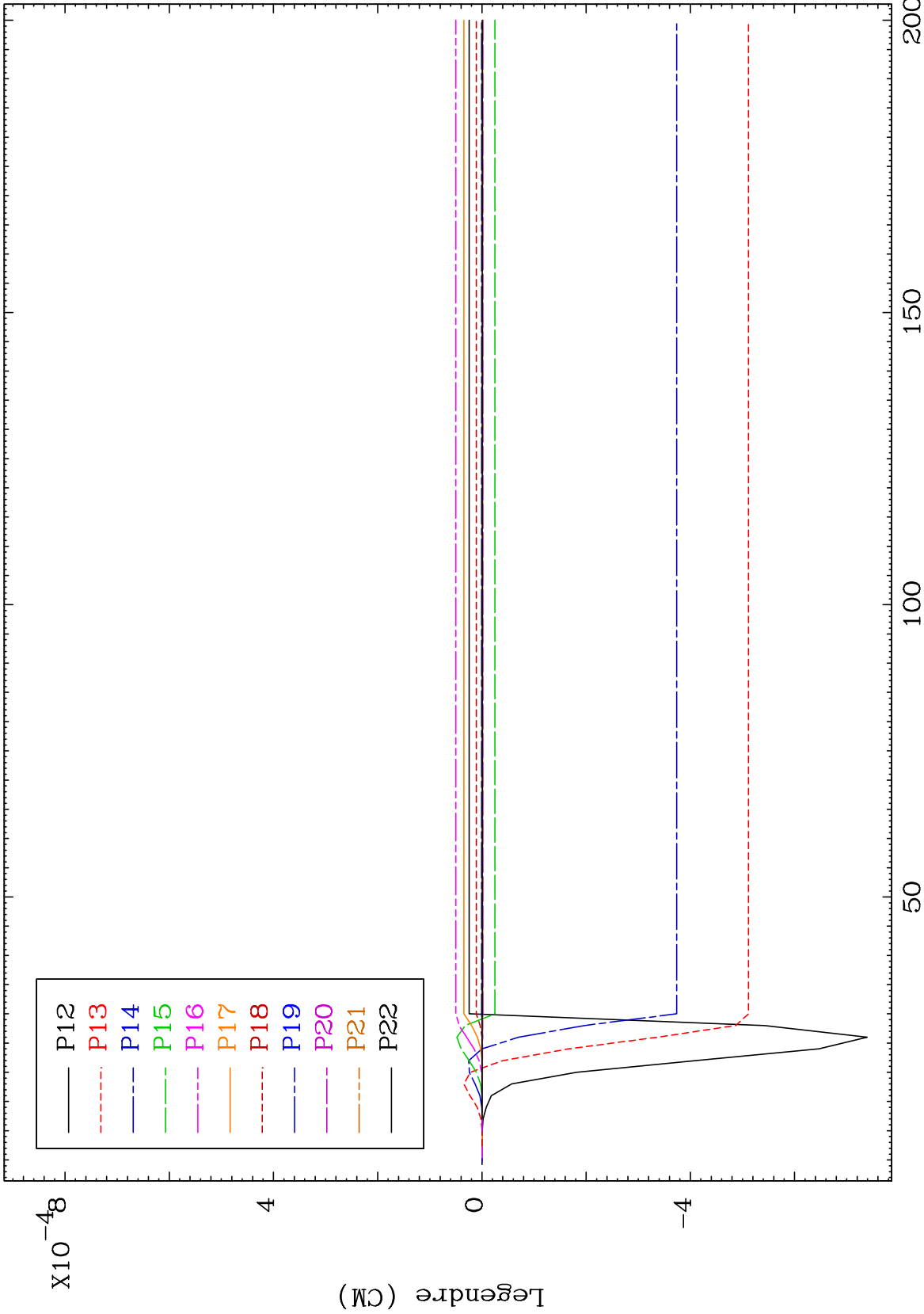
37-Rb-84



56

Incident Energy (MeV)

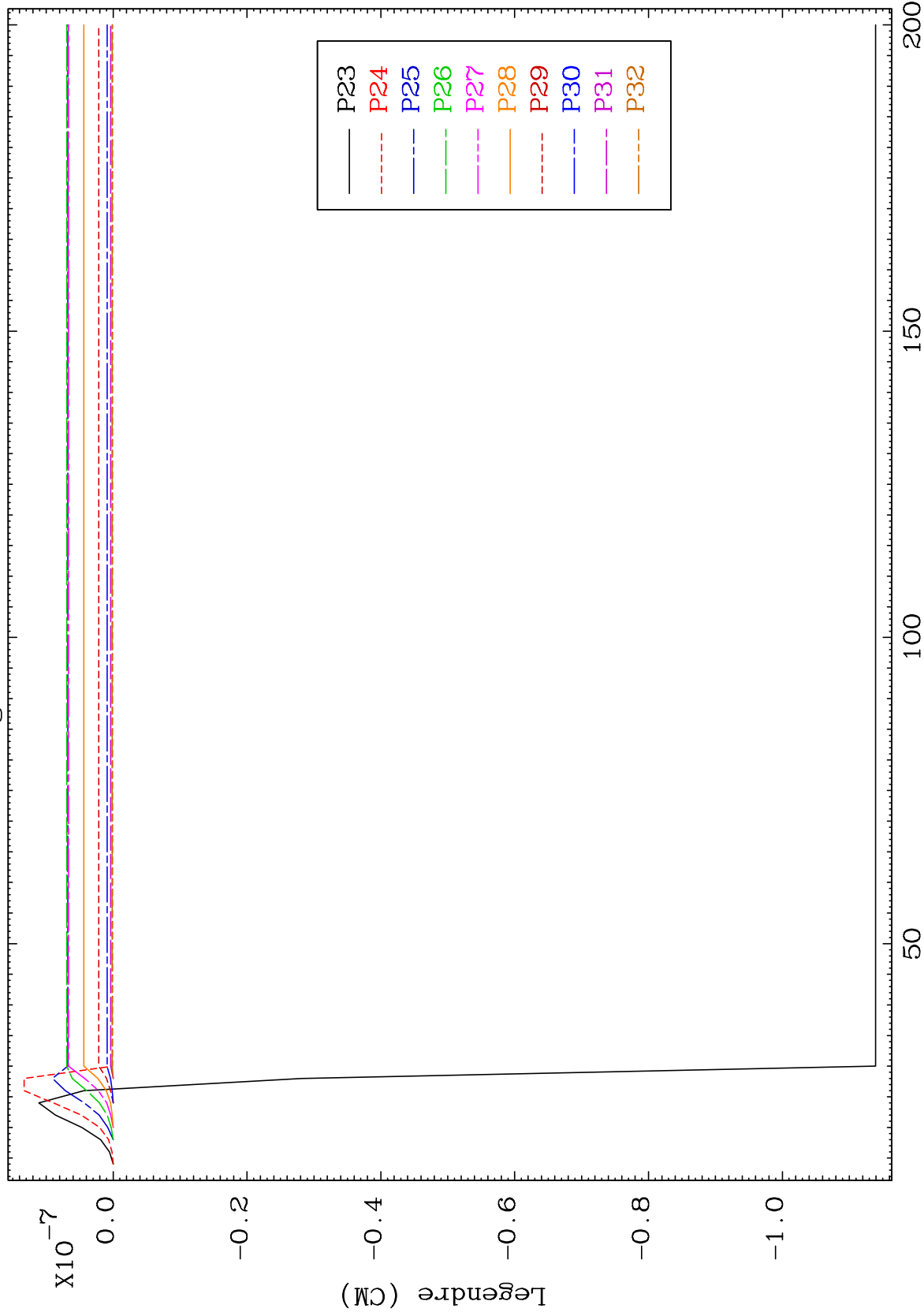
37-Rb-84



MAT 3722

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

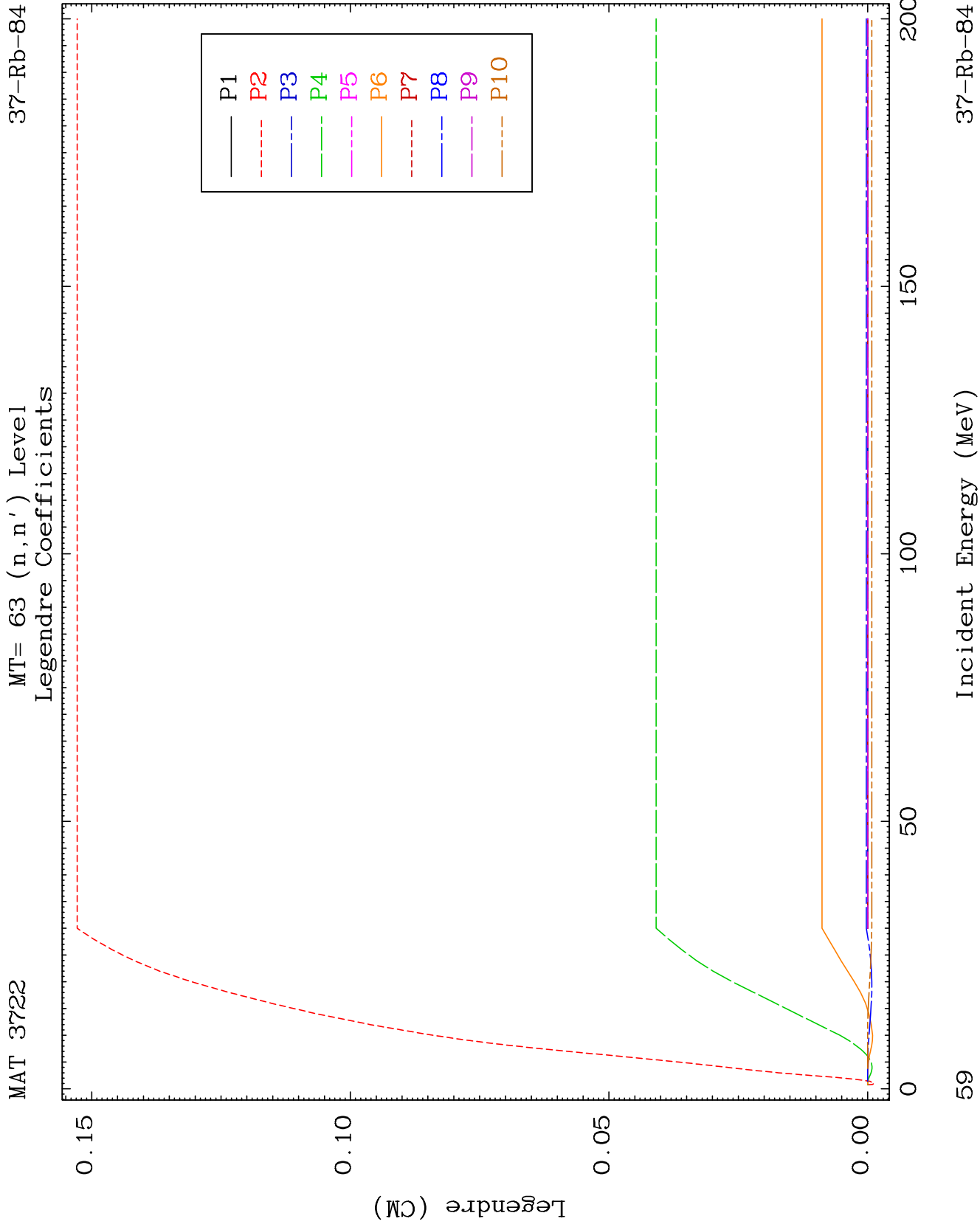
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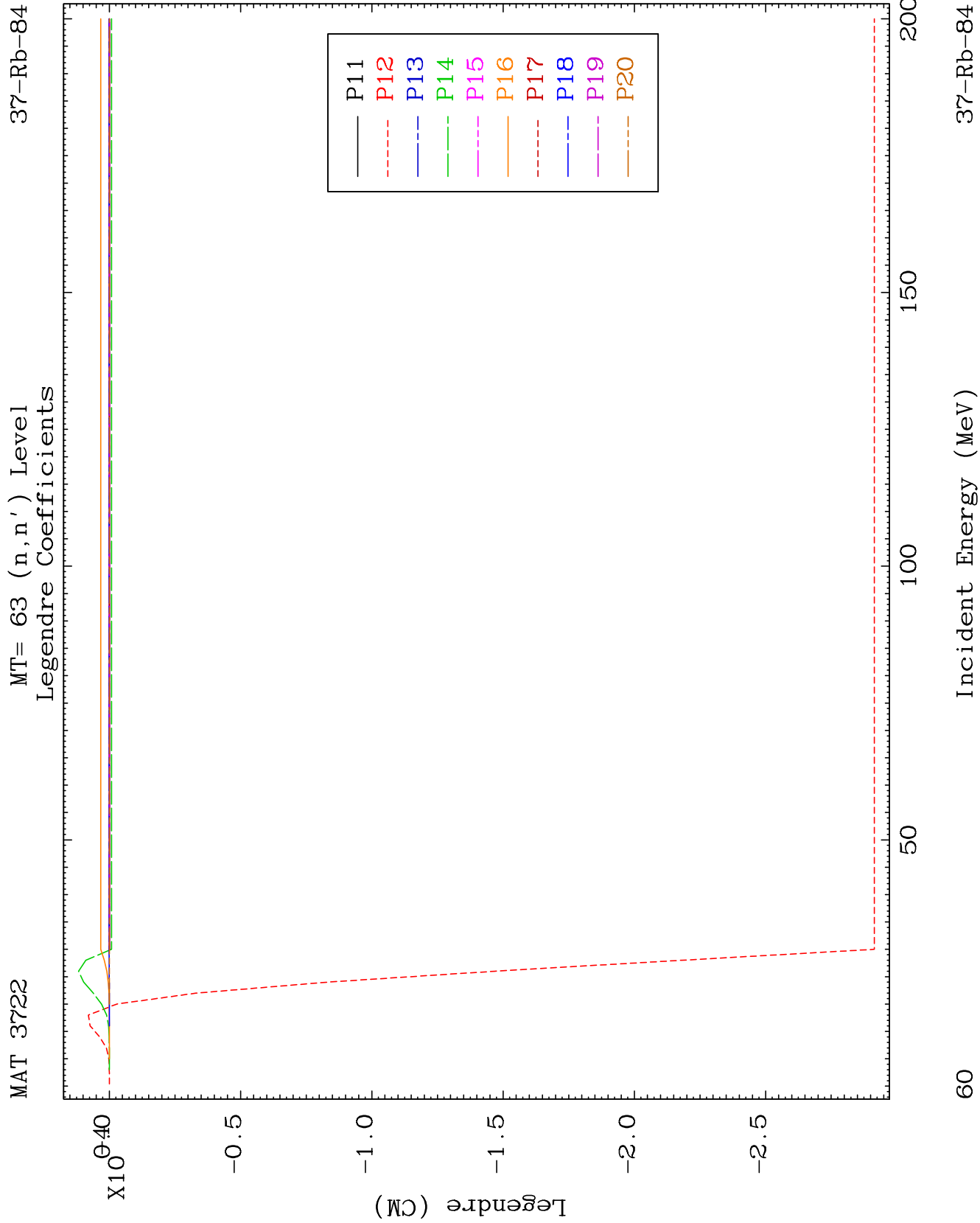


58

Incident Energy (MeV)

37-Rb-84

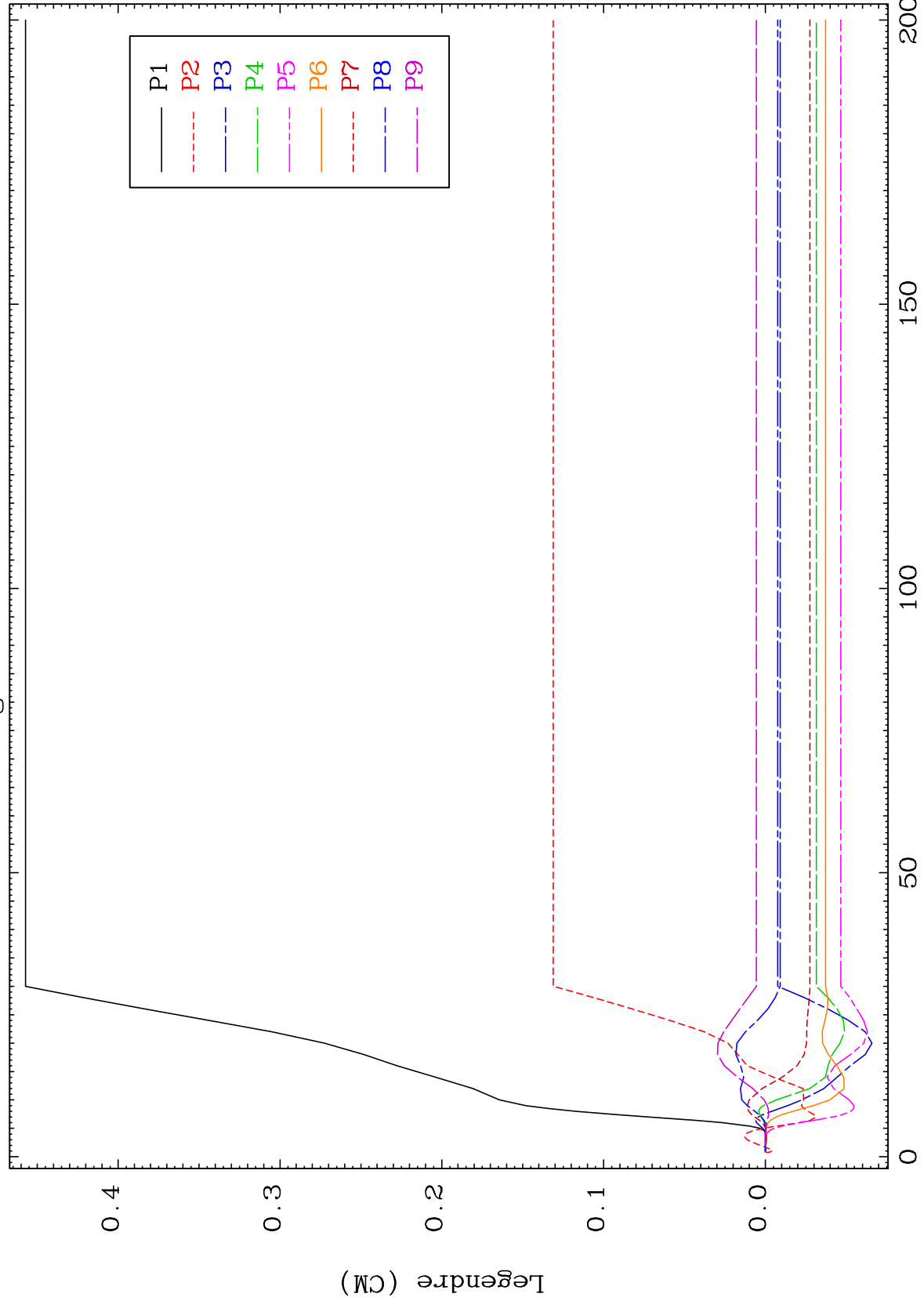




MAT 3722

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

37-Rb-84



61

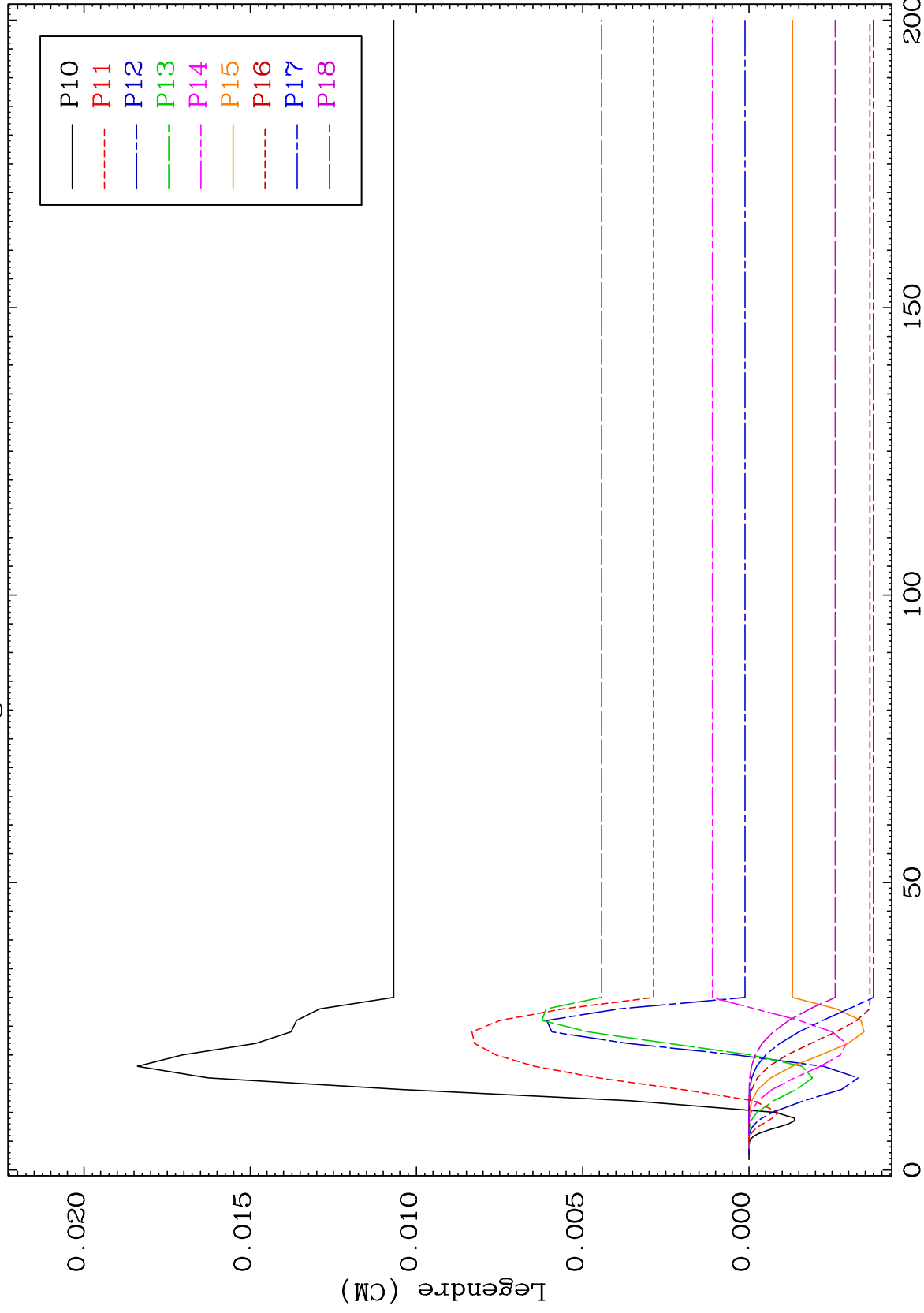
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

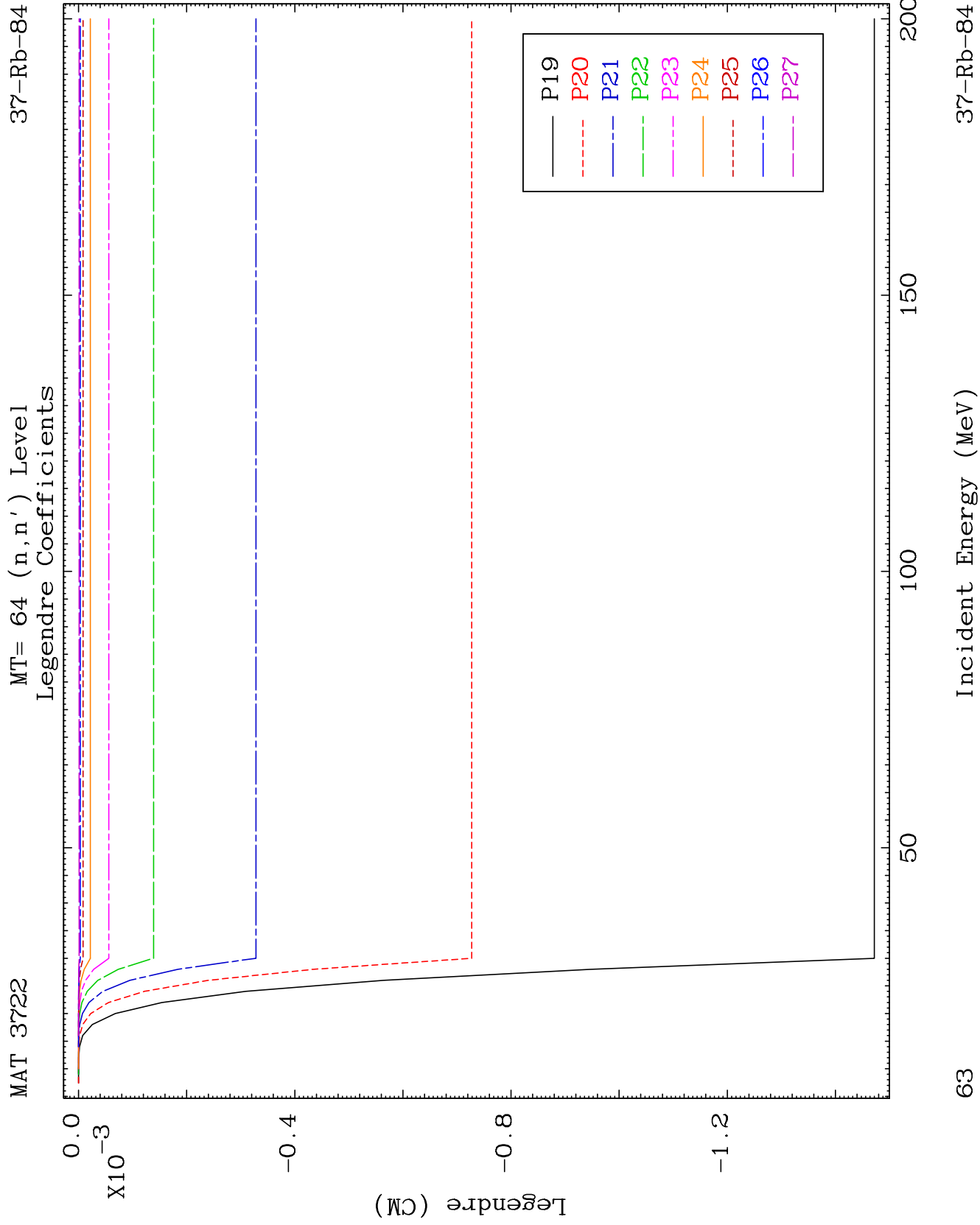
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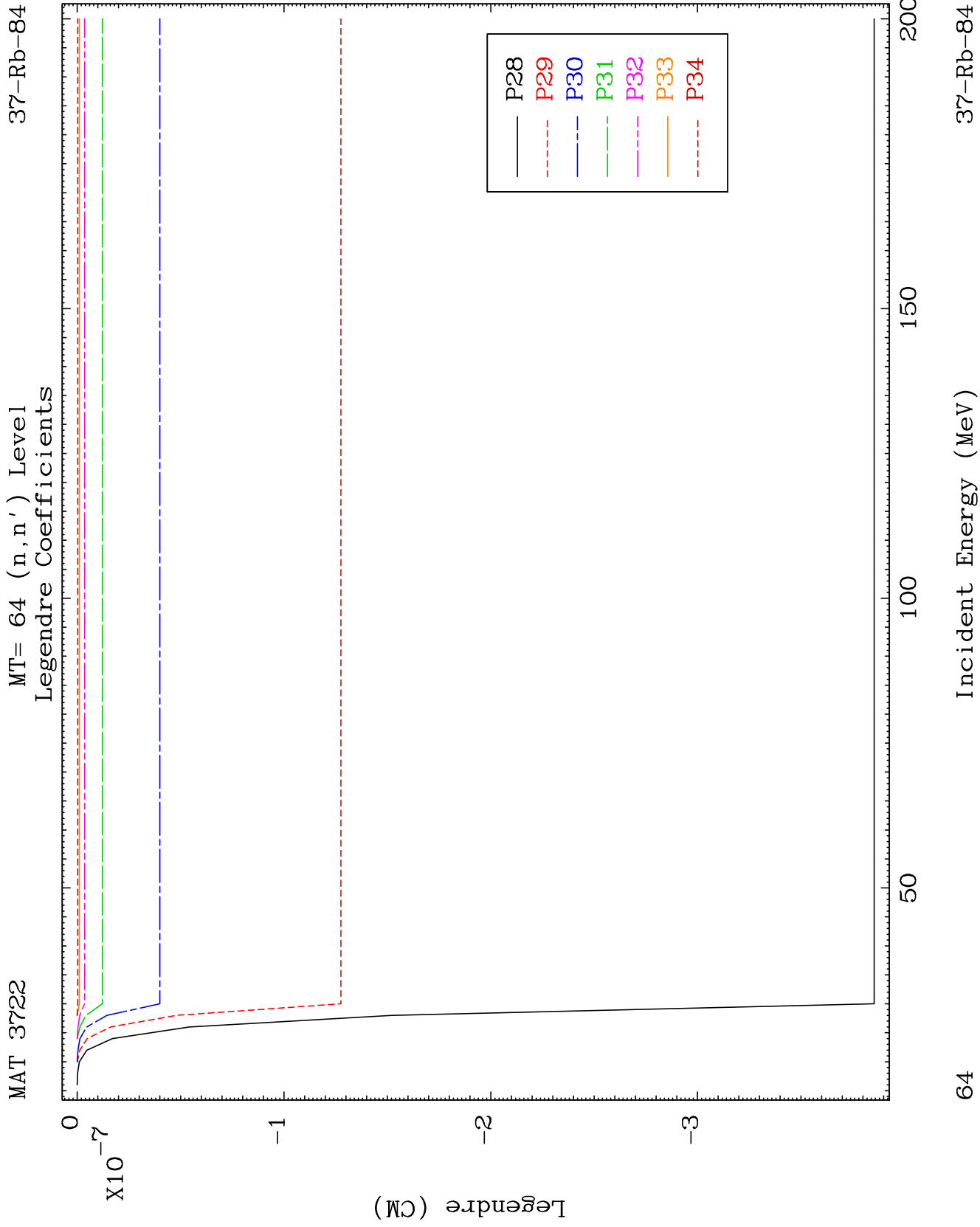


62

Incident Energy (MeV)

37-Rb-84

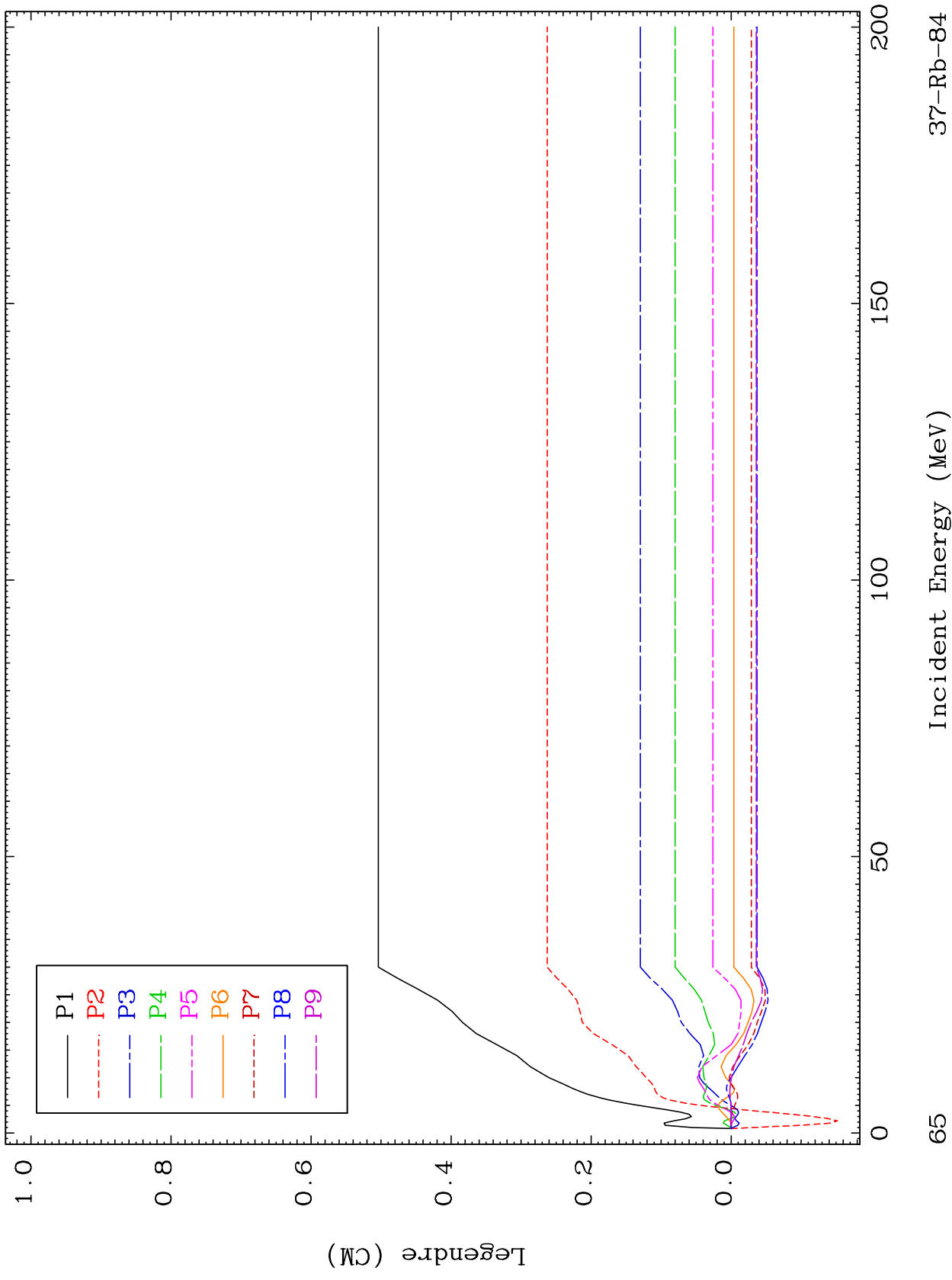




MAT 3722

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

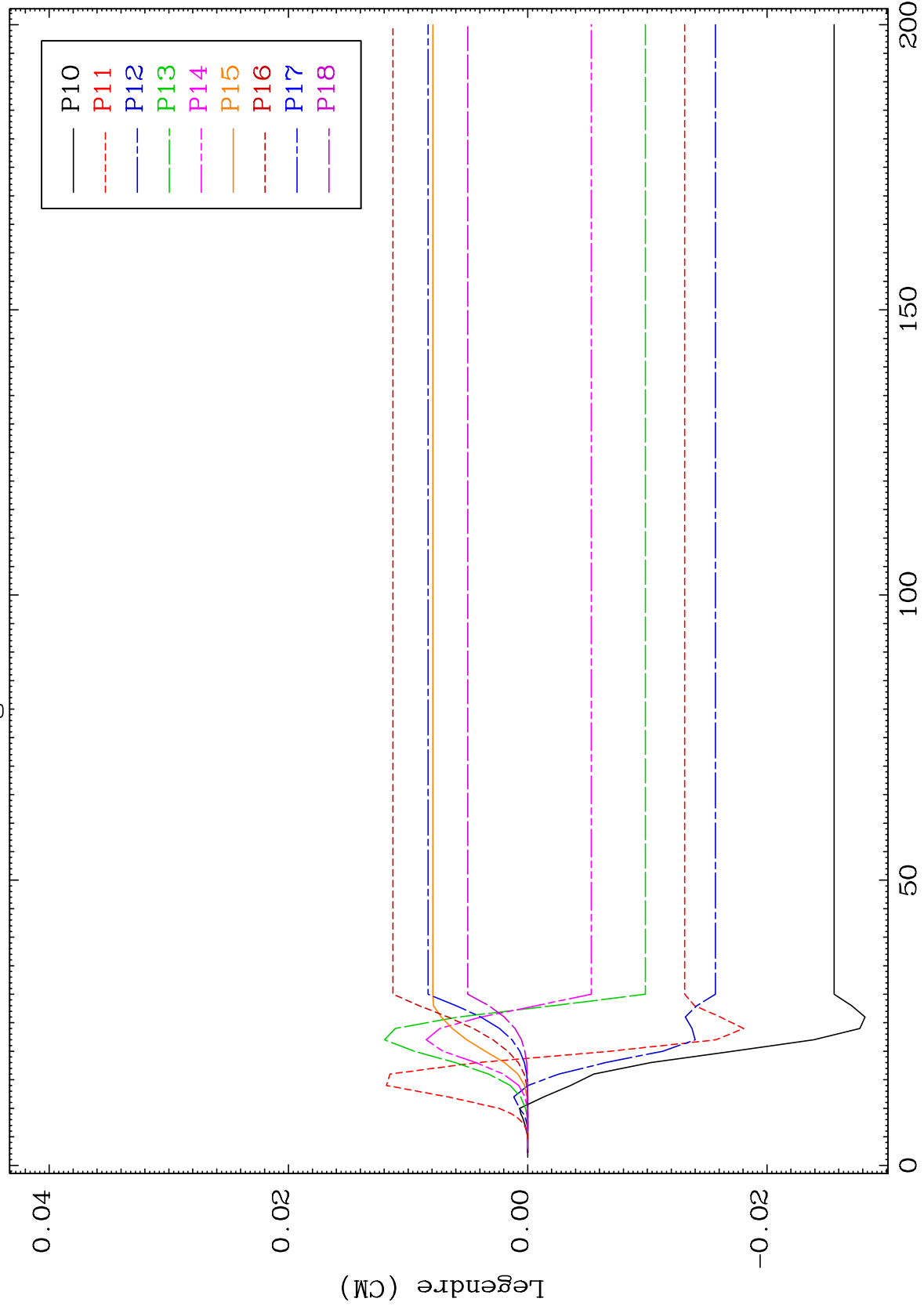
37-Rb-84



MAT 3722

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

37-Rb-84



99

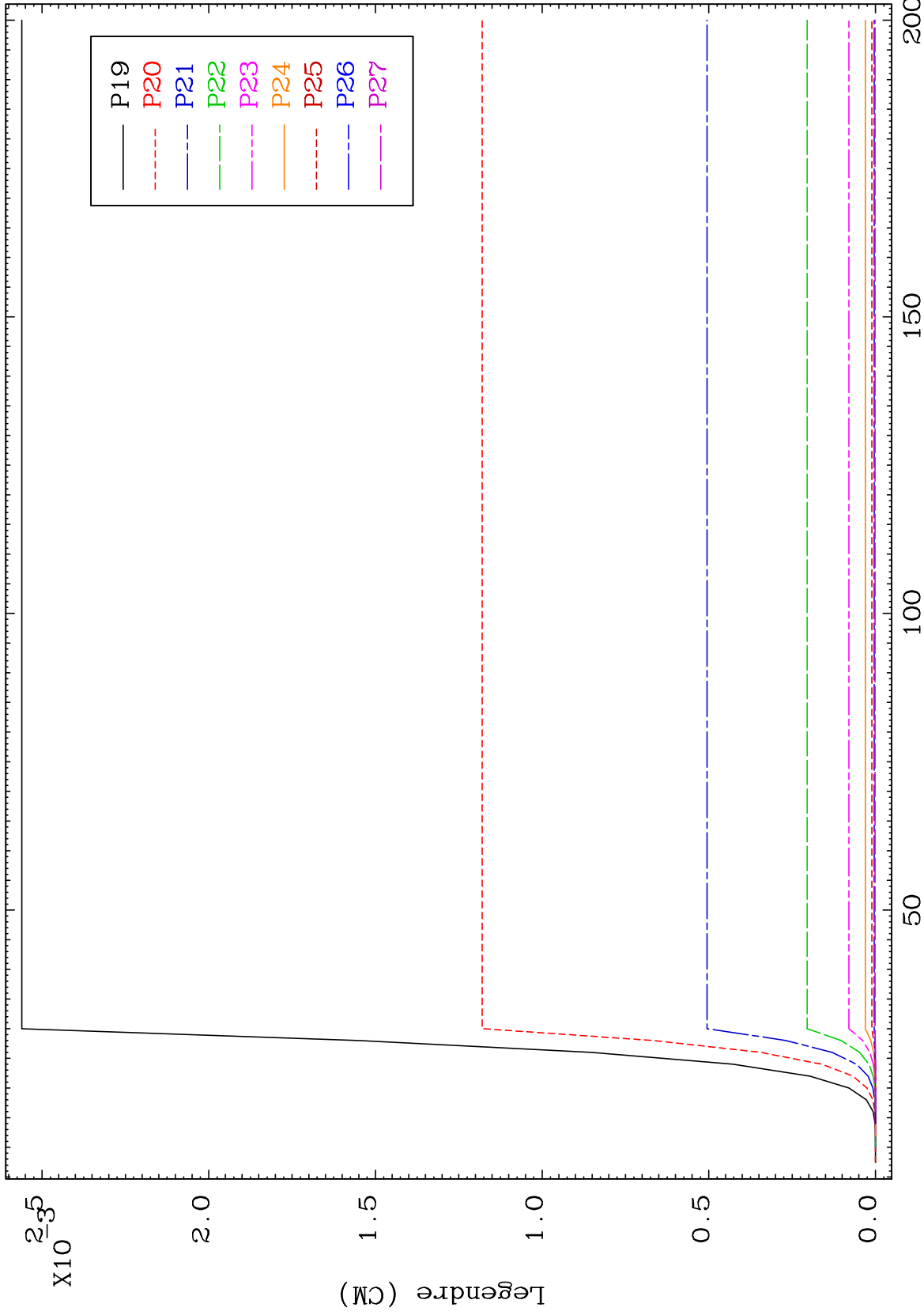
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

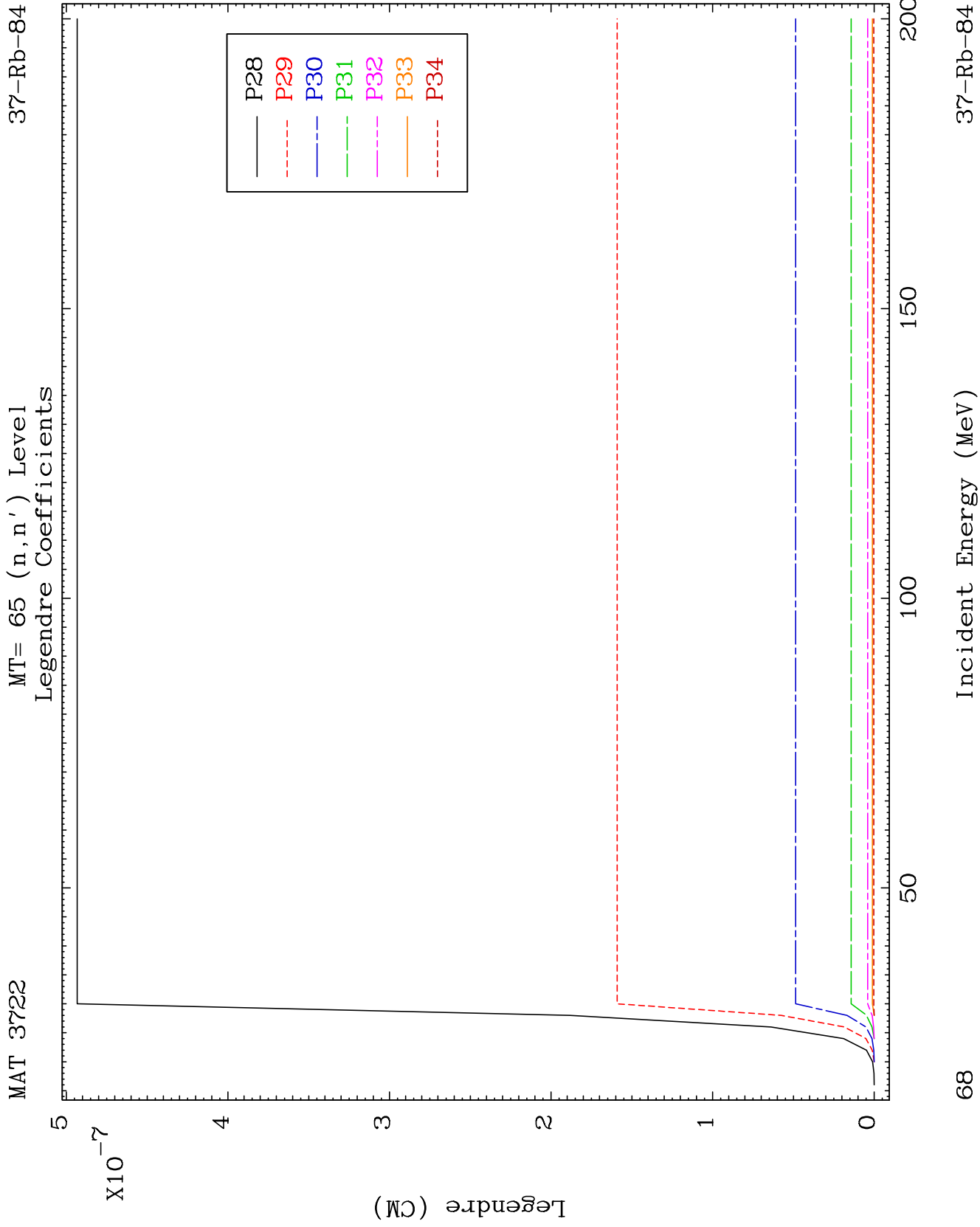
37-Rb-84



67

Incident Energy (MeV)

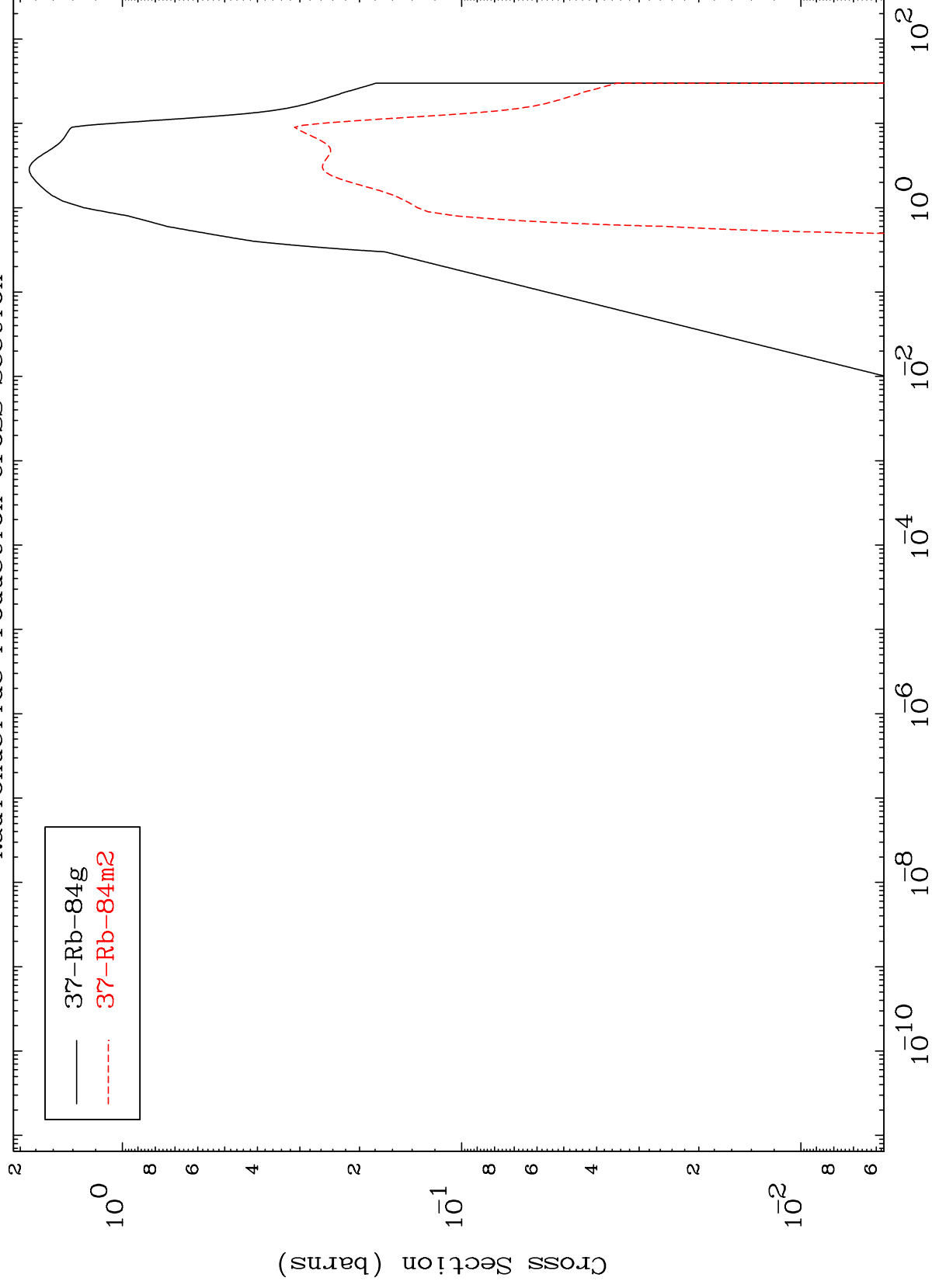
37-Rb-84



MAT 3722

Radionuclide Production Cross Section

$^{37}\text{Rb-84}$



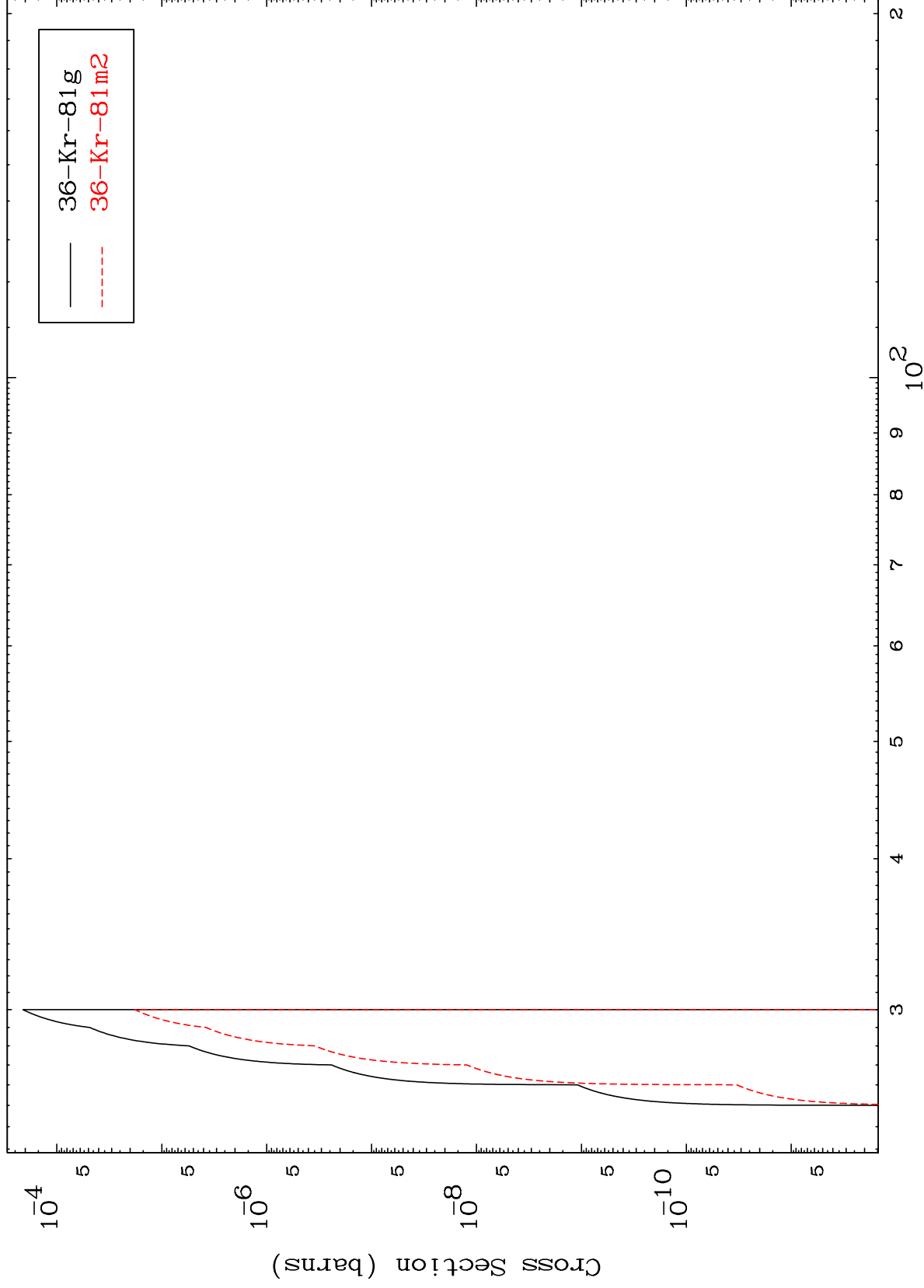
$^{37}\text{Rb-84}$

MAT 3722

(n,2n) d

37-Rb-84

Radionuclide Production Cross Section



70

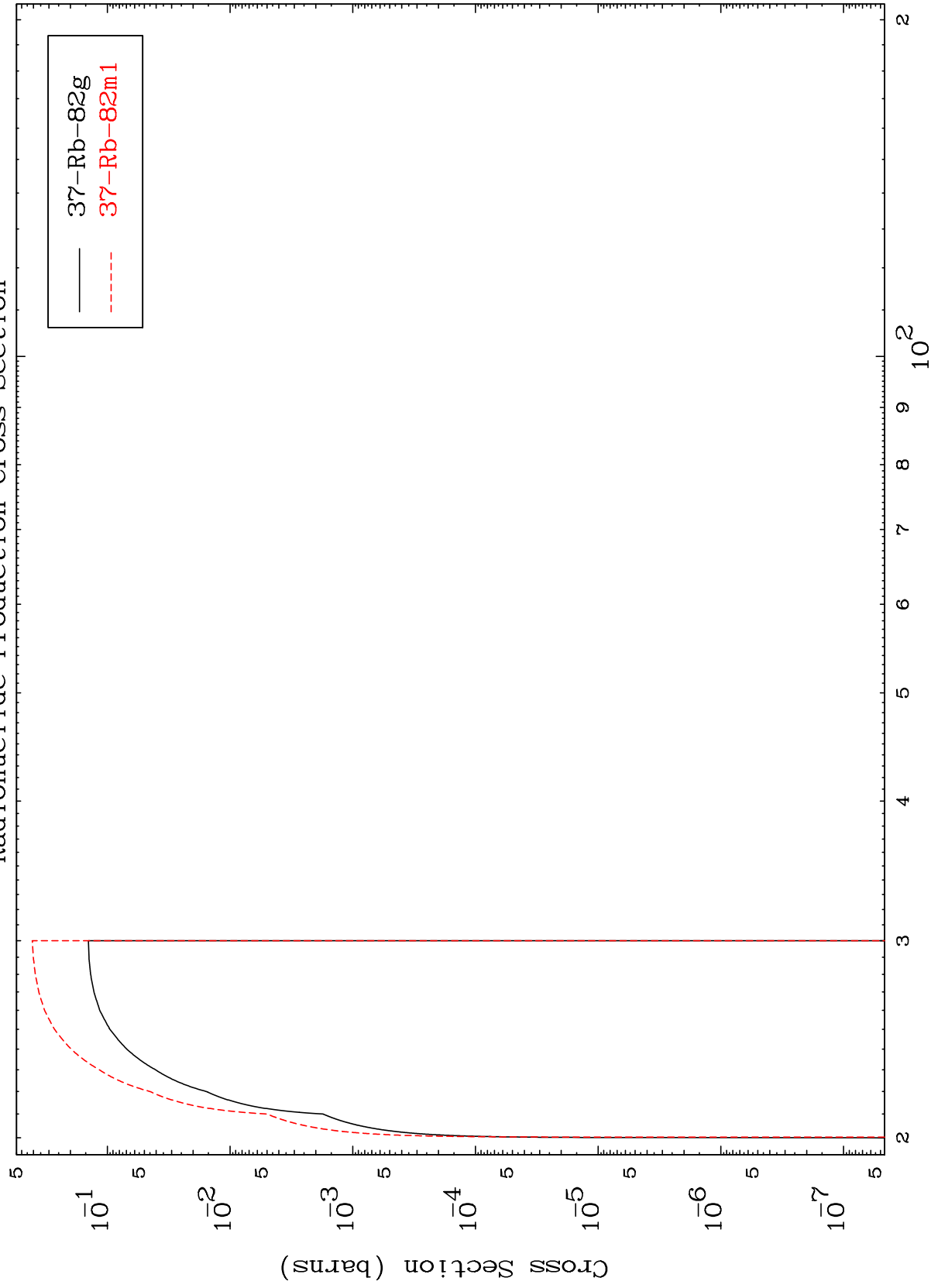
Incident Energy (MeV)

37-Rb-84

MAT 3722

³⁷Rb-84

(n,3n)
Radionuclide Production Cross Section



71

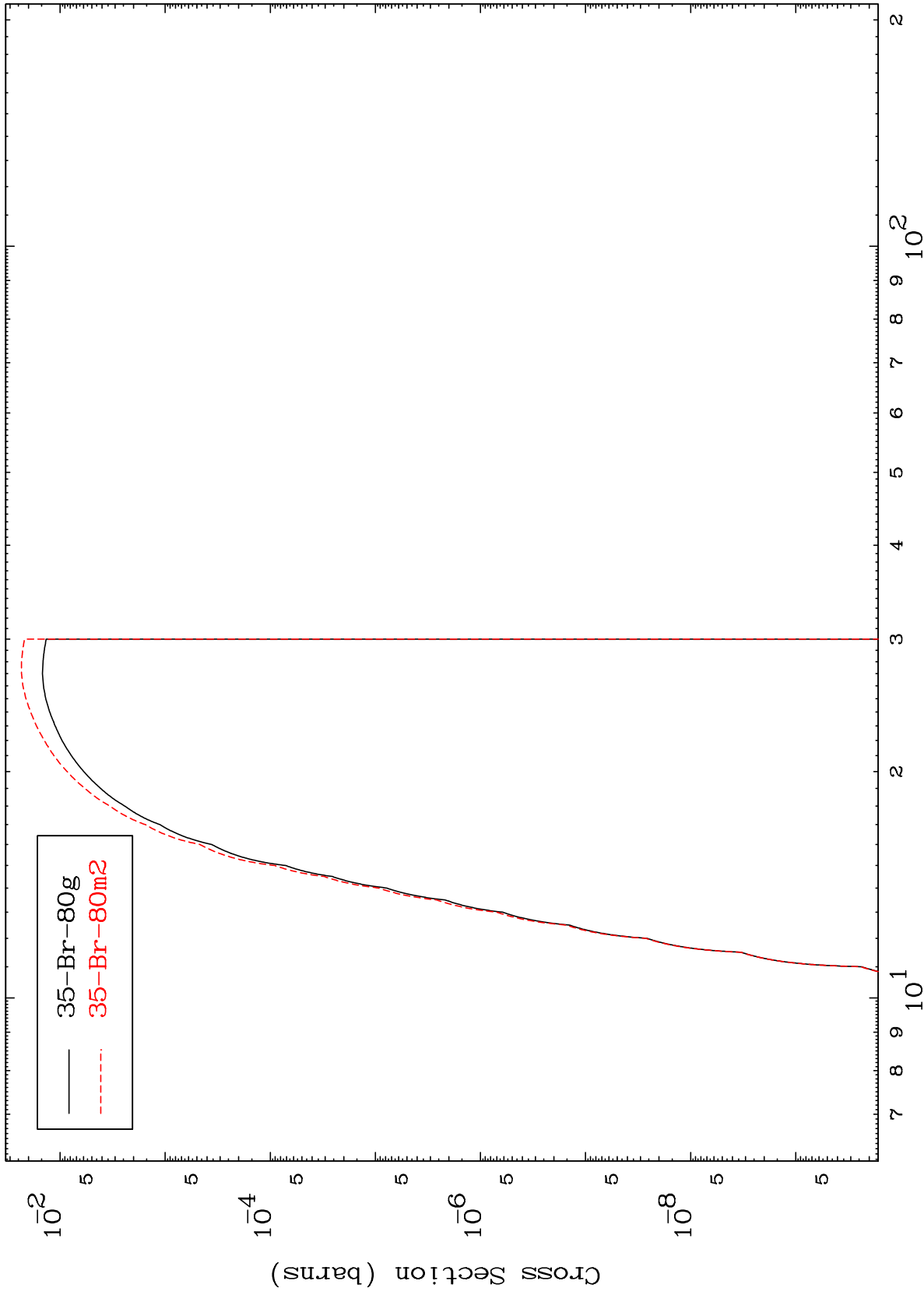
Incident Energy (MeV)

³⁷Rb-84

MAT 3722

37-Rb-84

$(n,n') \alpha$
Radionuclide Production Cross Section



72

Incident Energy (MeV)

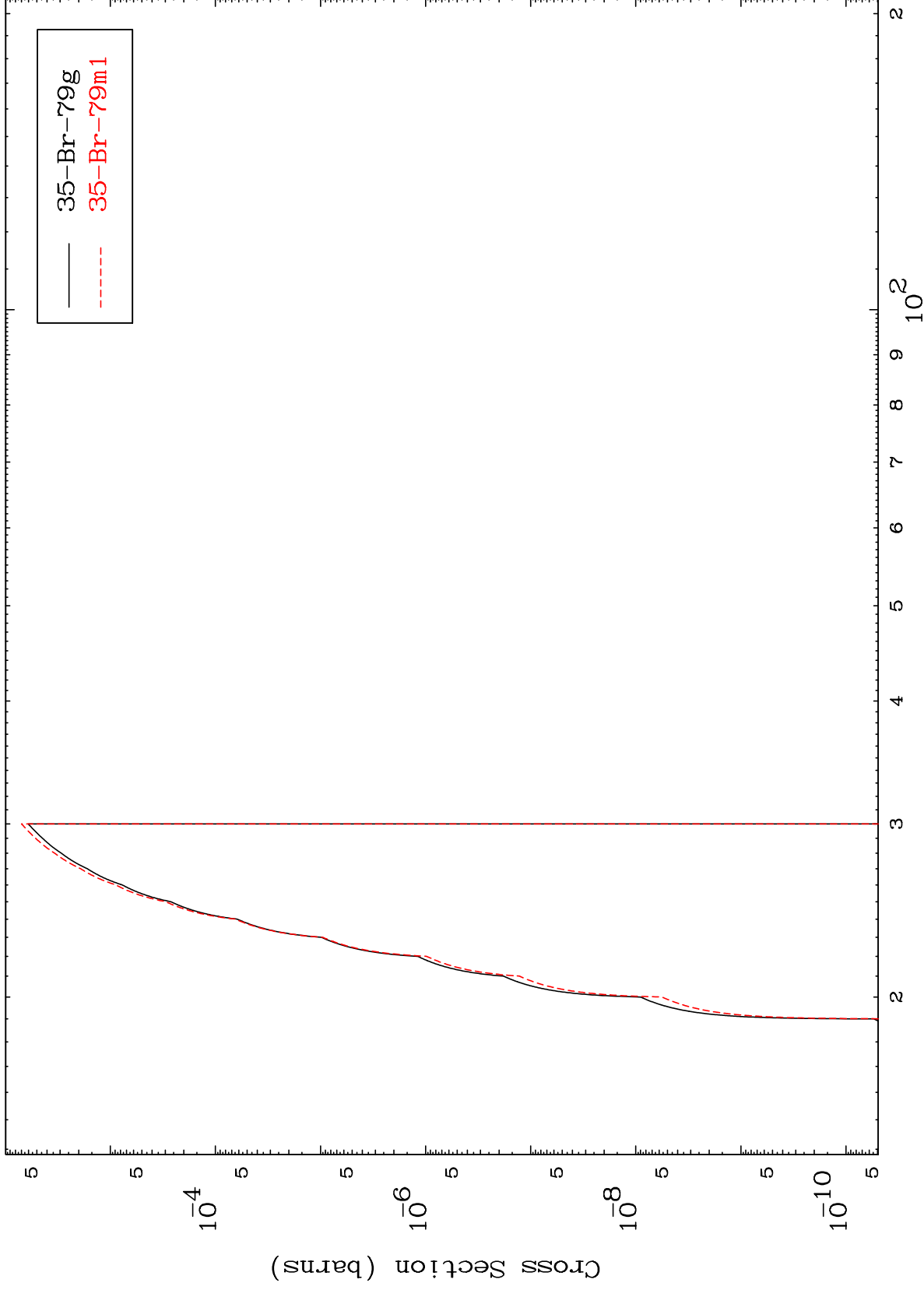
37-Rb-84

MAT 3722

$(n,2n) \alpha$

37-Rb-84

Radionuclide Production Cross Section



73

Incident Energy (MeV)

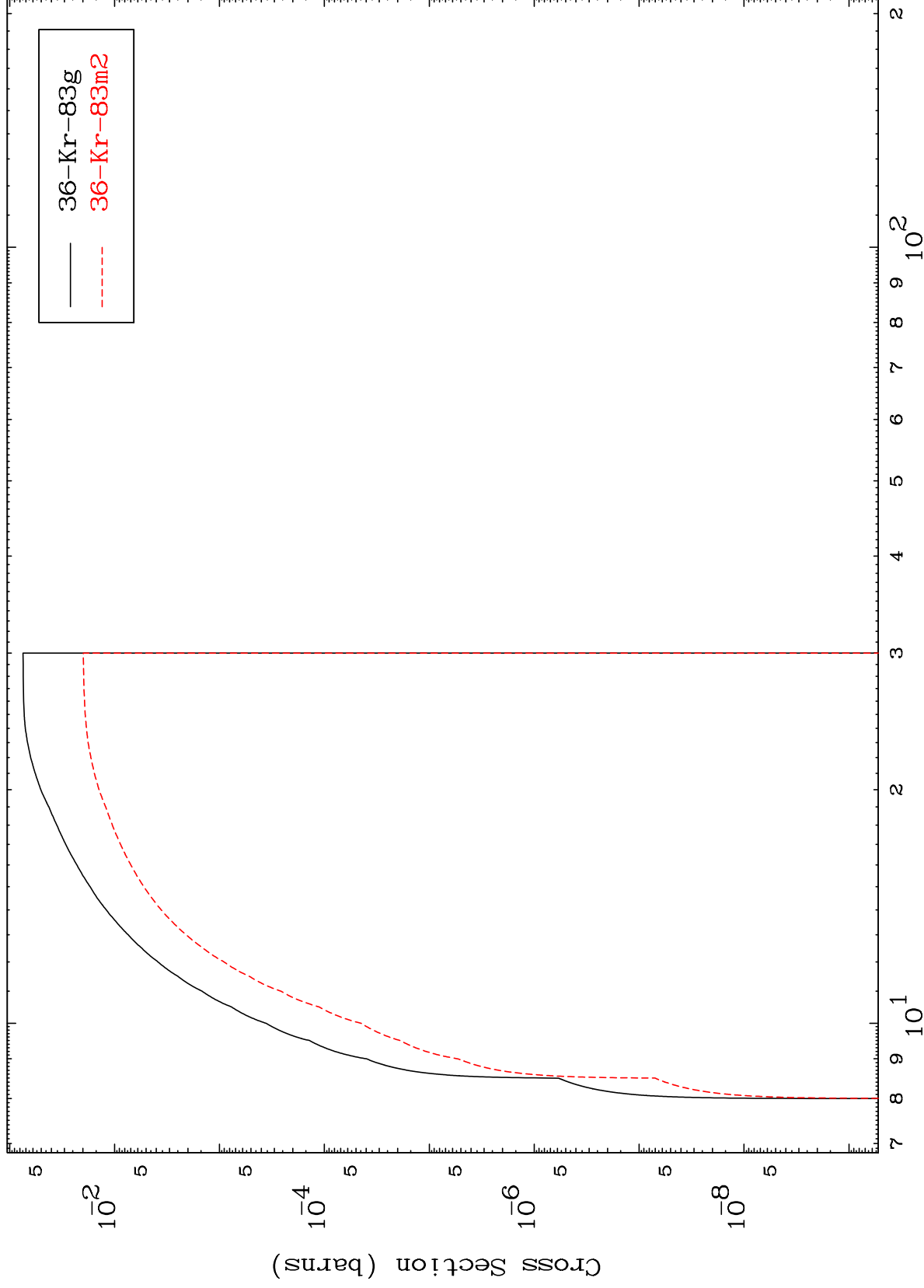
37-Rb-84

MAT 3722

(n,n') p

37-Rb-84

Radionuclide Production Cross Section

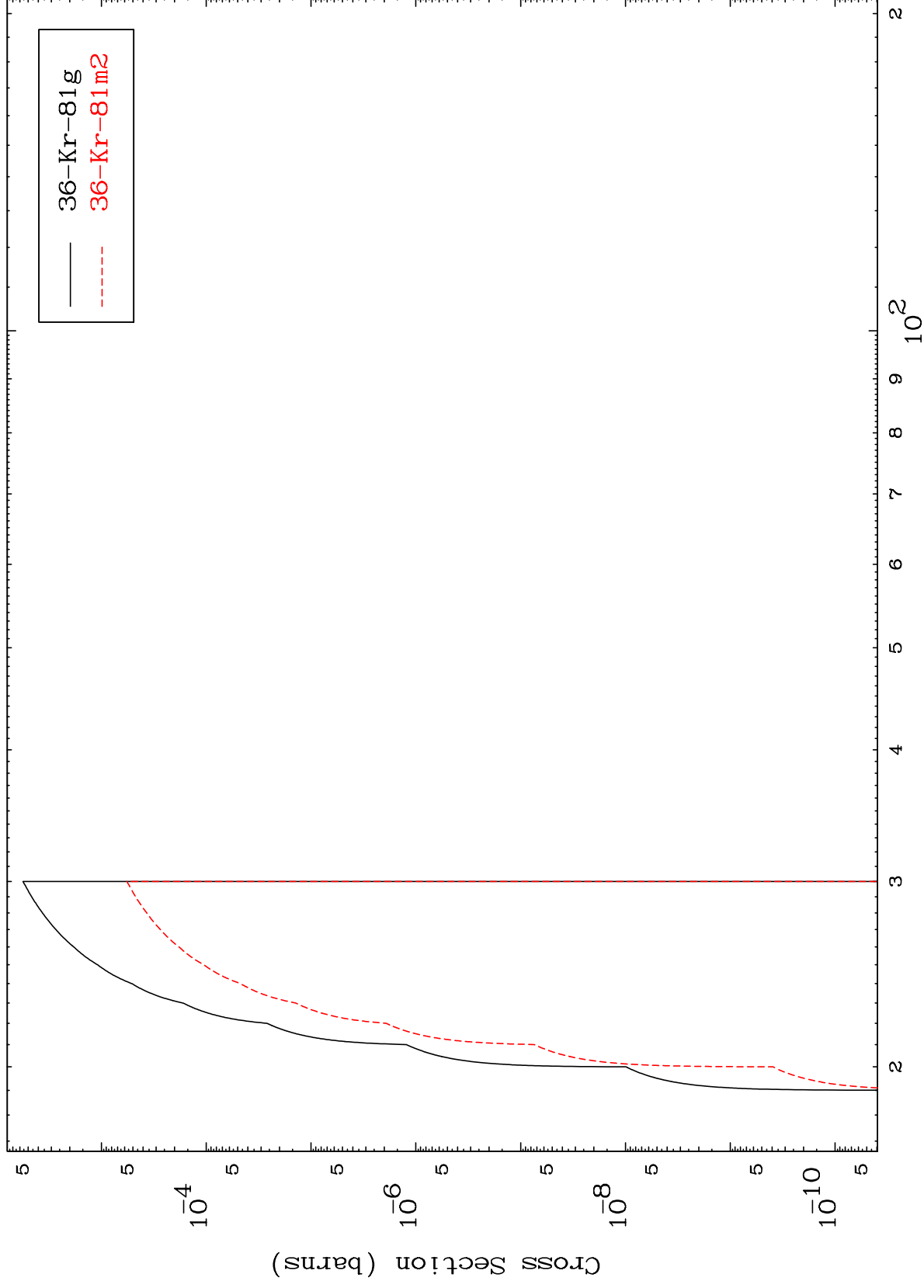


74

Incident Energy (MeV)

37-Rb-84

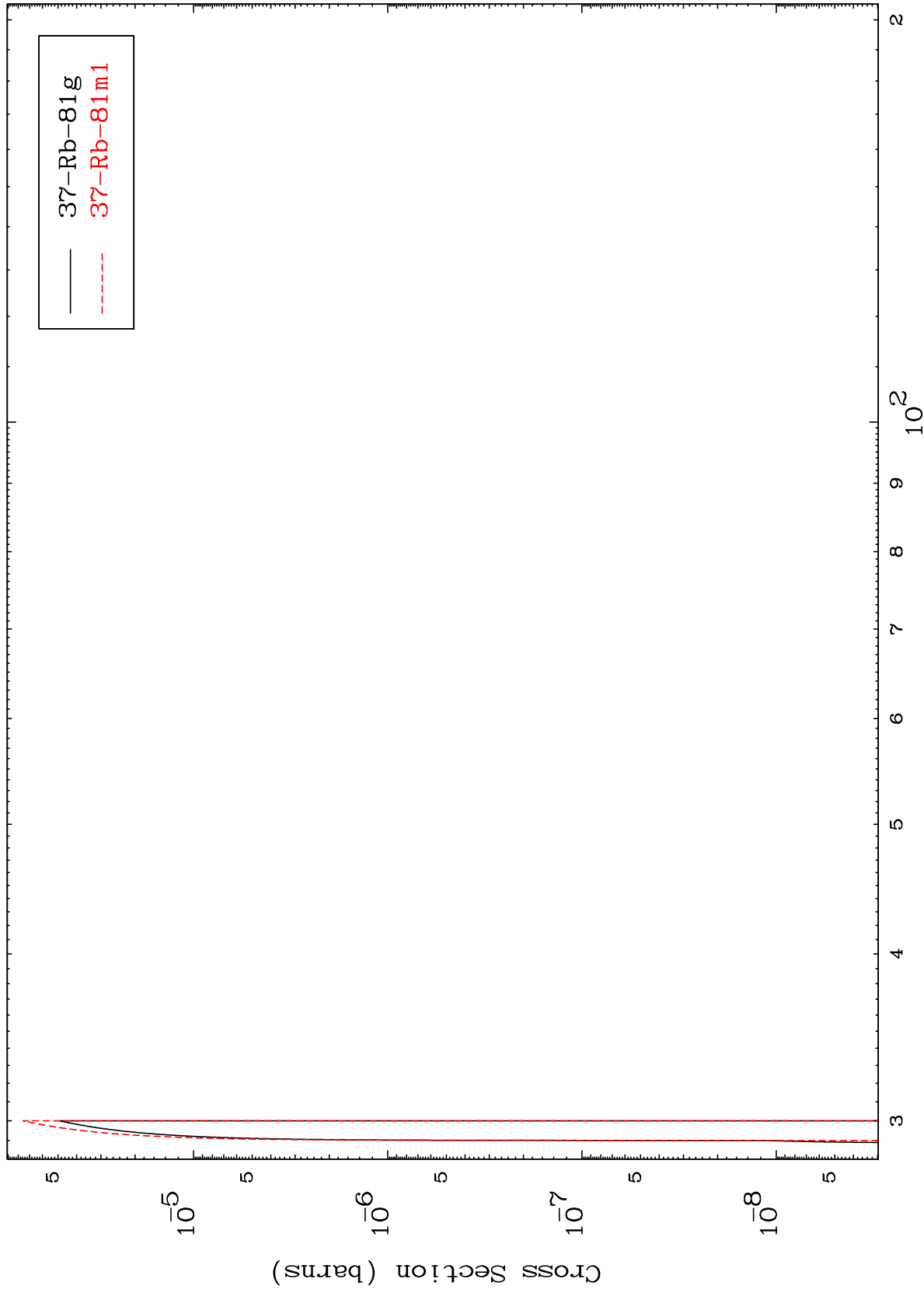
Radionuclide Production Cross Section



MAT 3722

37-Rb-84

(n,4n)
Radionuclide Production Cross Section



76

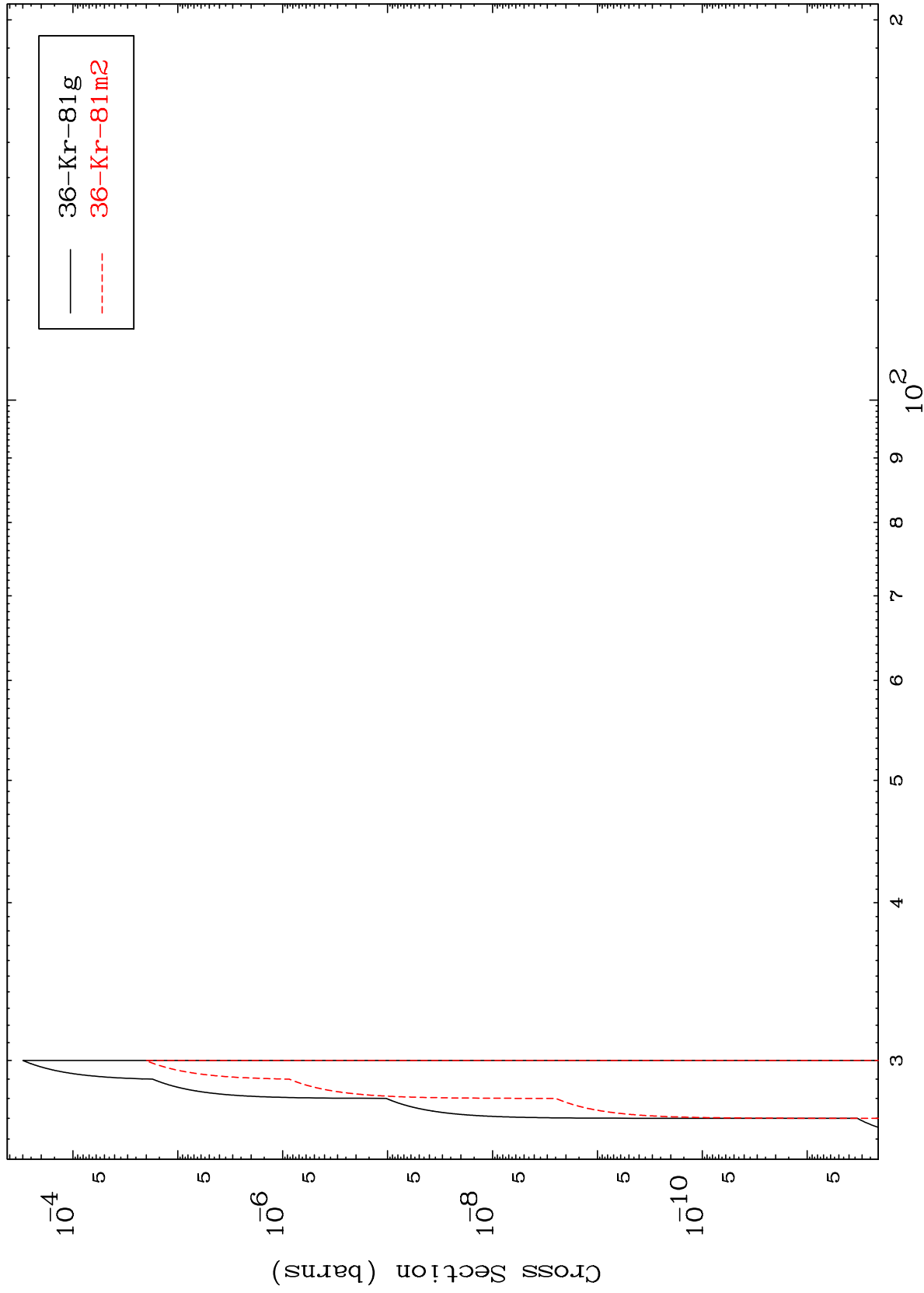
Incident Energy (MeV)

37-Rb-84

MAT 3722

37-Rb-84

(n,3n) p
Radionuclide Production Cross Section



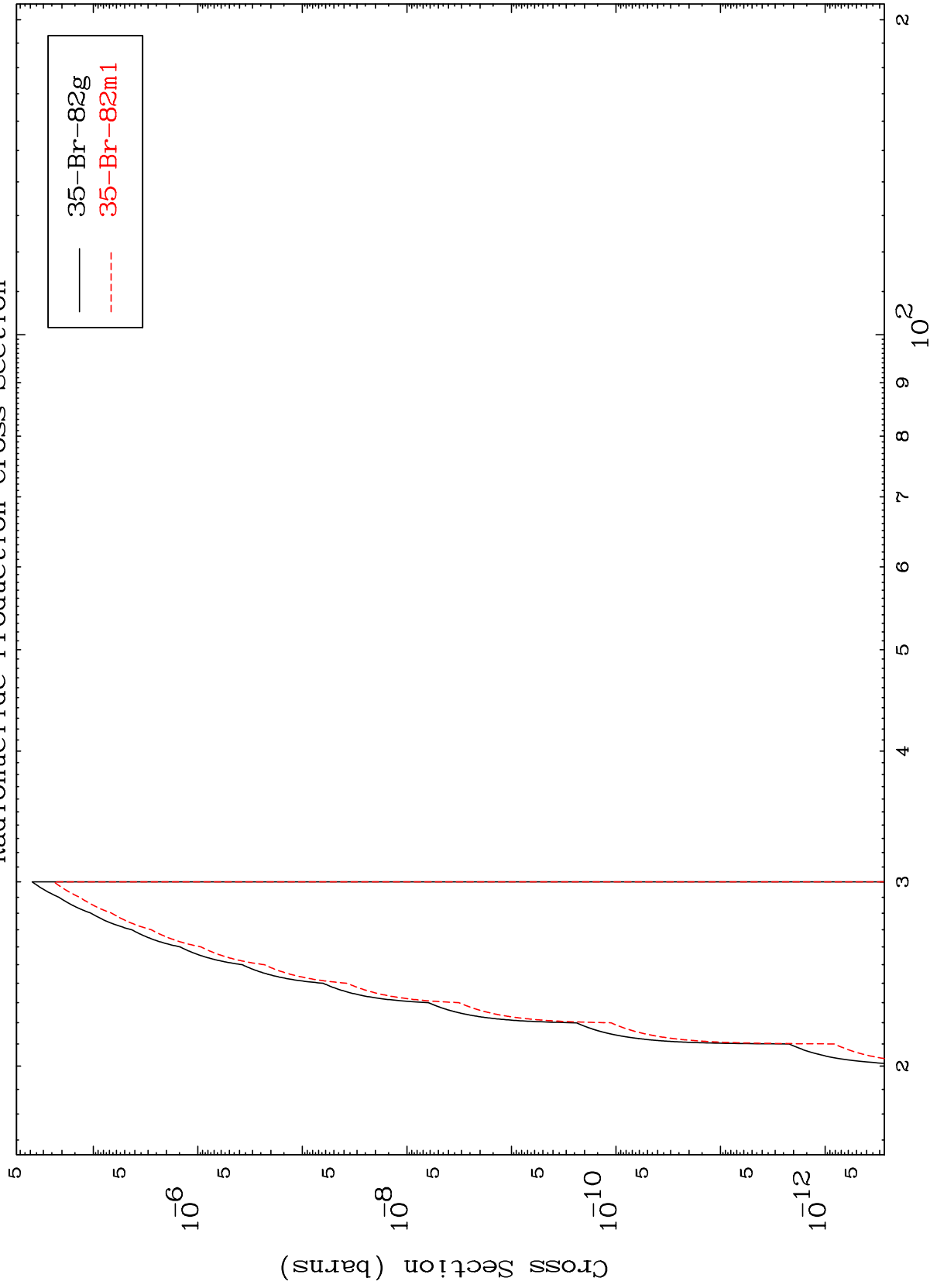
77

37-Rb-84

MAT 3722

37-Rb-84

(n,2n) p
Radionuclide Production Cross Section



78

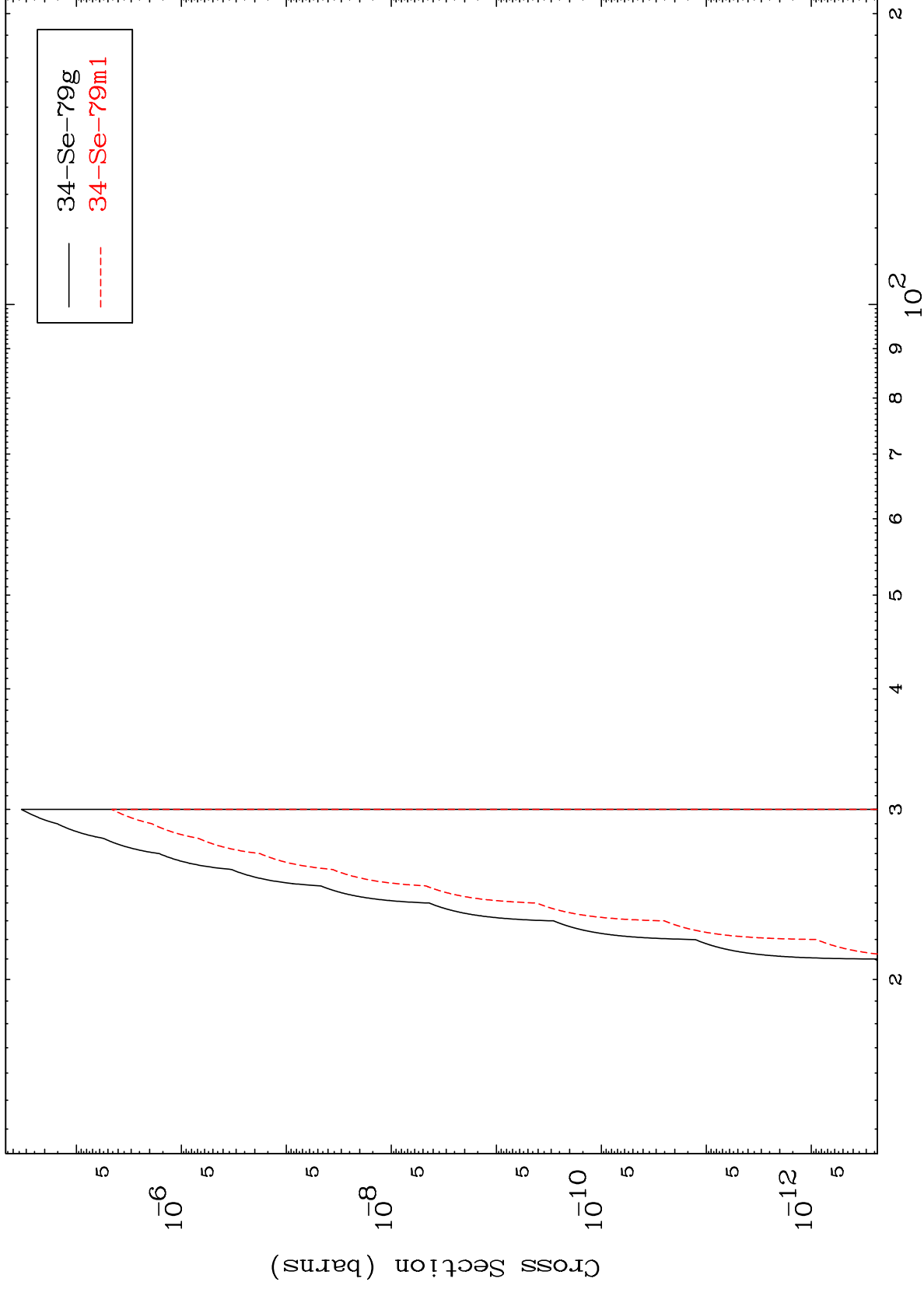
Incident Energy (MeV)

37-Rb-84

MAT 3722

37-Rb-84

(n,n') p α
Radionuclide Production Cross Section



79

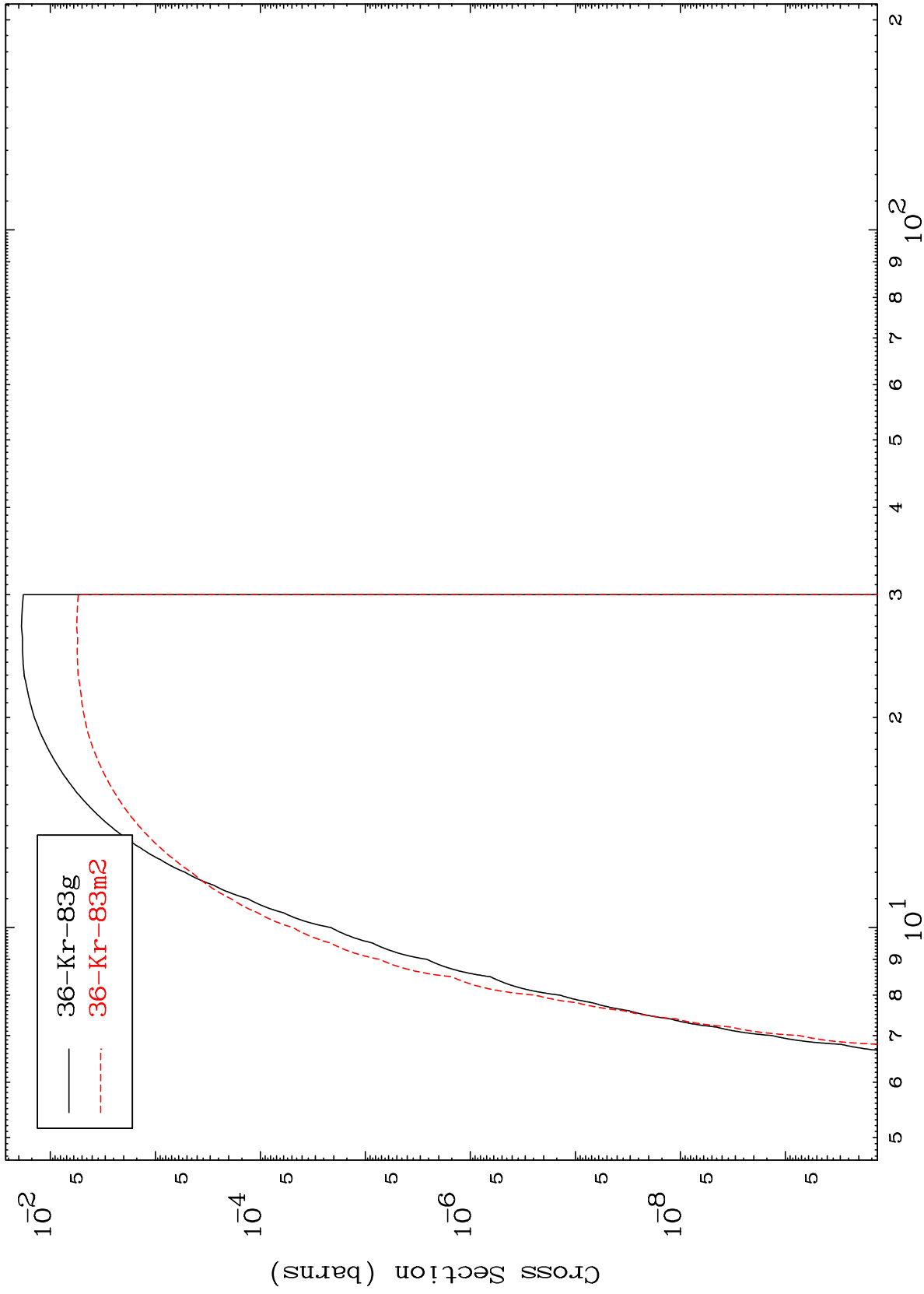
Incident Energy (MeV)

37-Rb-84

MAT 3722

37-Rb-84

(n,d)
Radionuclide Production Cross Section



80

Incident Energy (MeV)

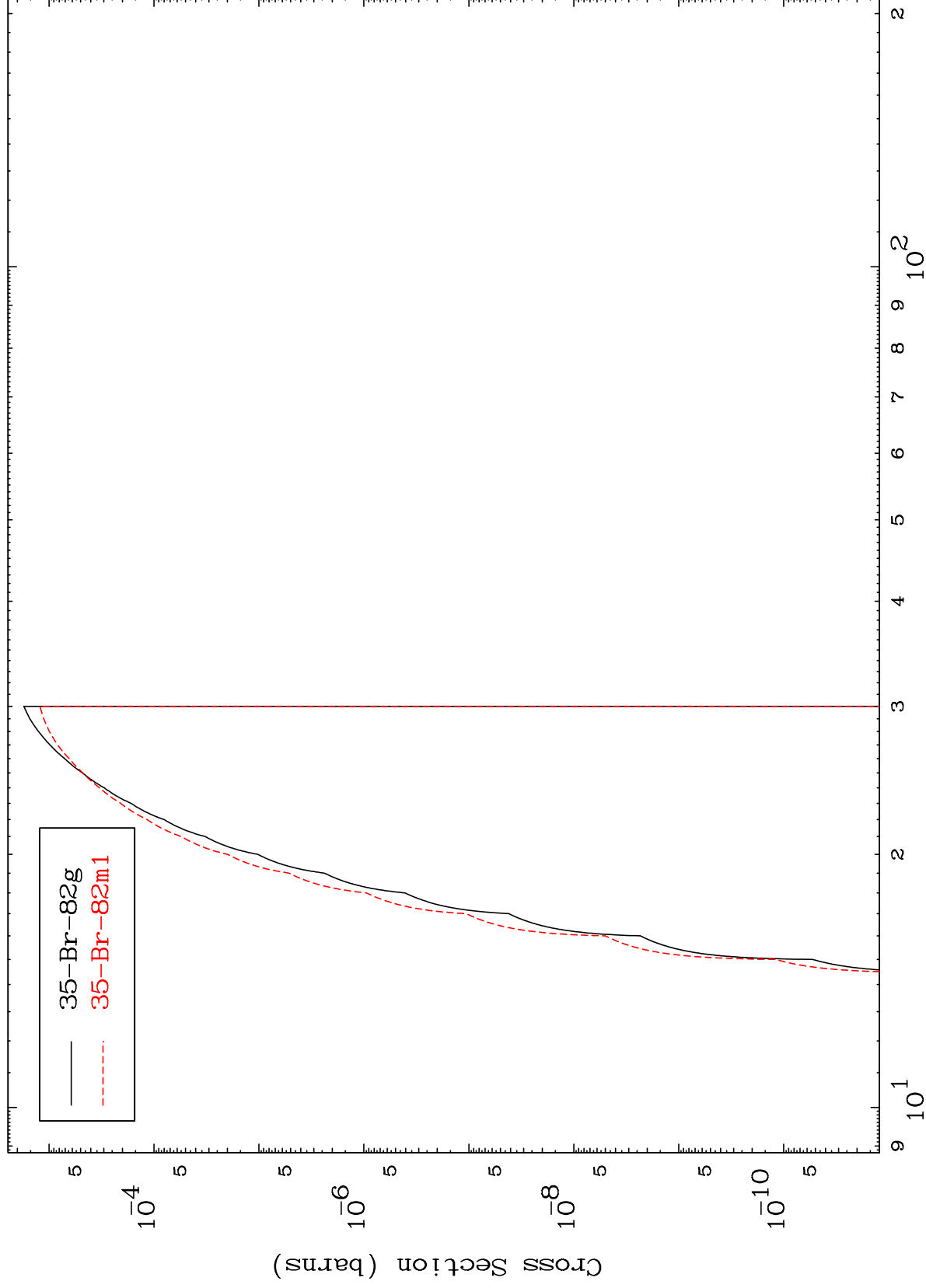
37-Rb-84

MAT 3722

(n,He-3)

37-Rb-84

Radionuclide Production Cross Section



81

Incident Energy (MeV)

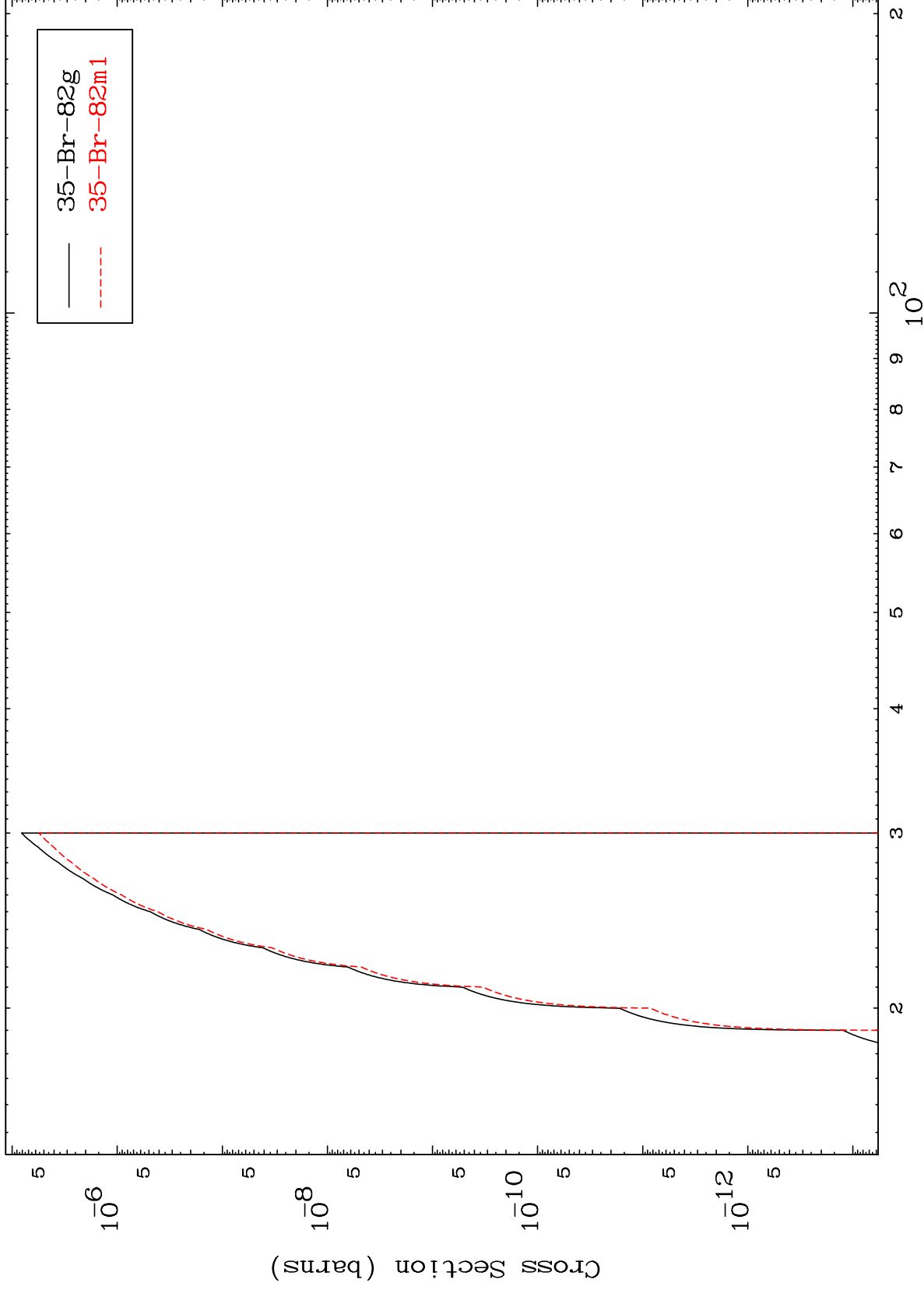
37-Rb-84

MAT 3722

(n,p) d

37-Rb-84

Radionuclide Production Cross Section



82

Incident Energy (MeV)

37-Rb-84

$(n,d) \alpha$
Radionuclide Production Cross Section