

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

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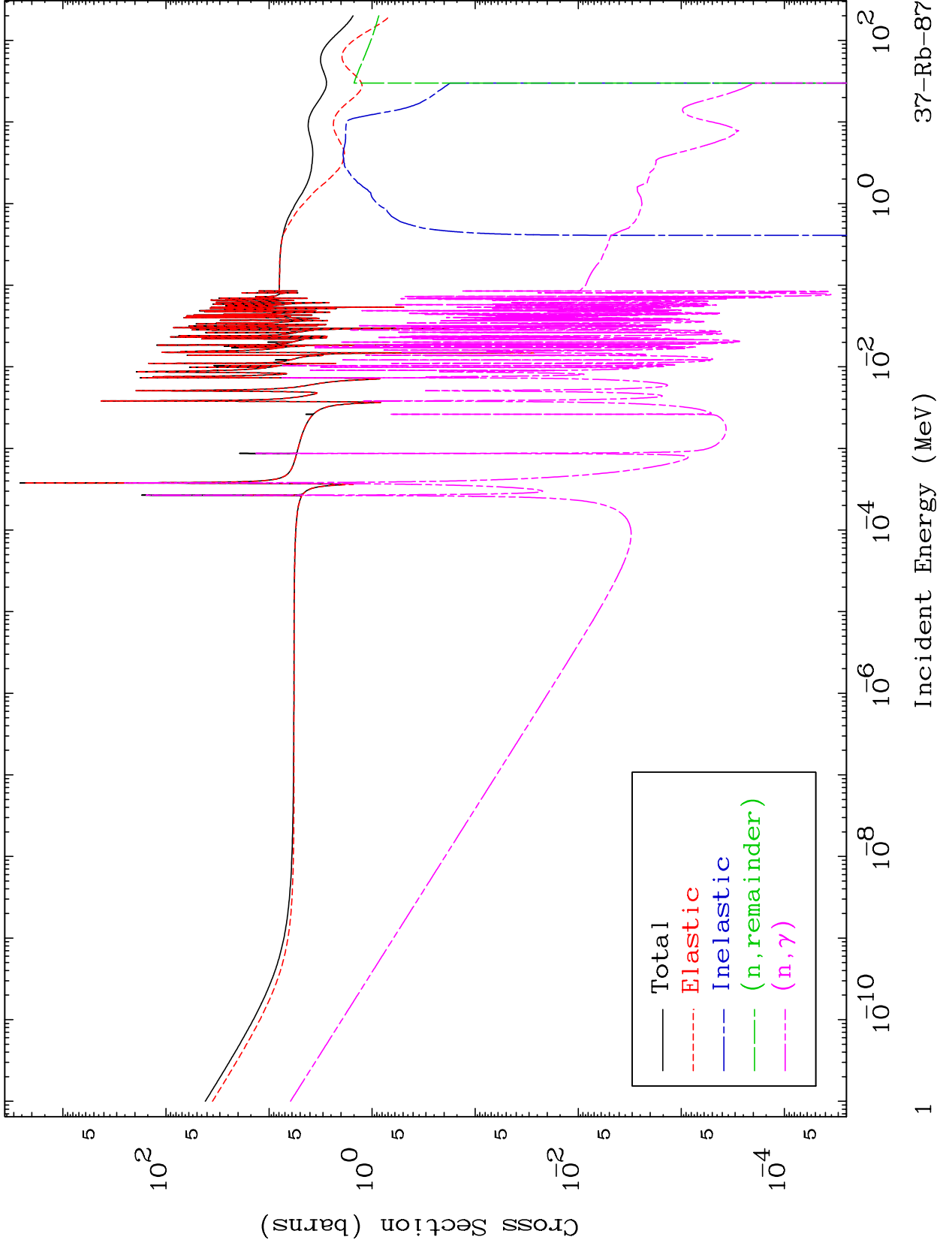
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

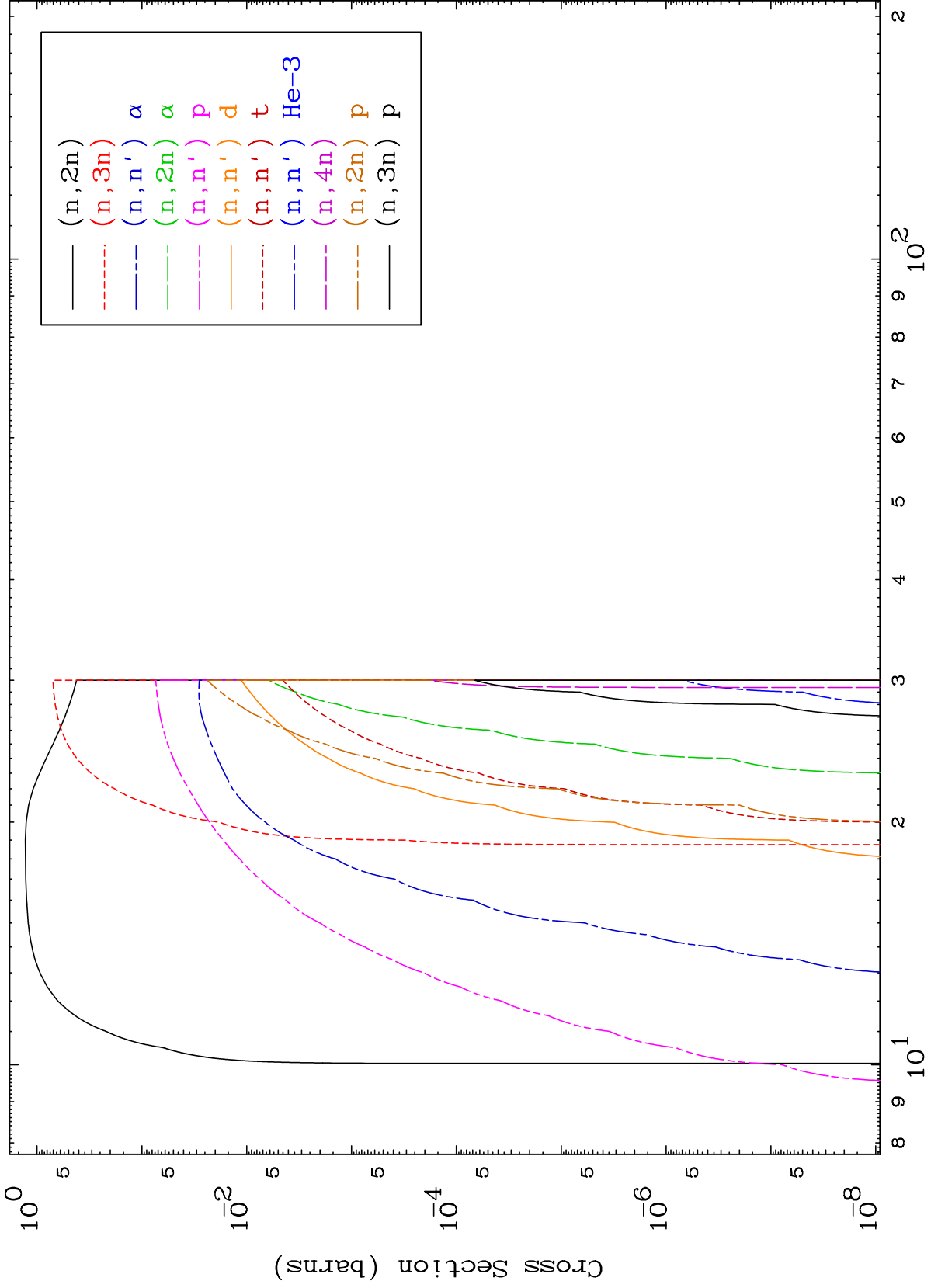
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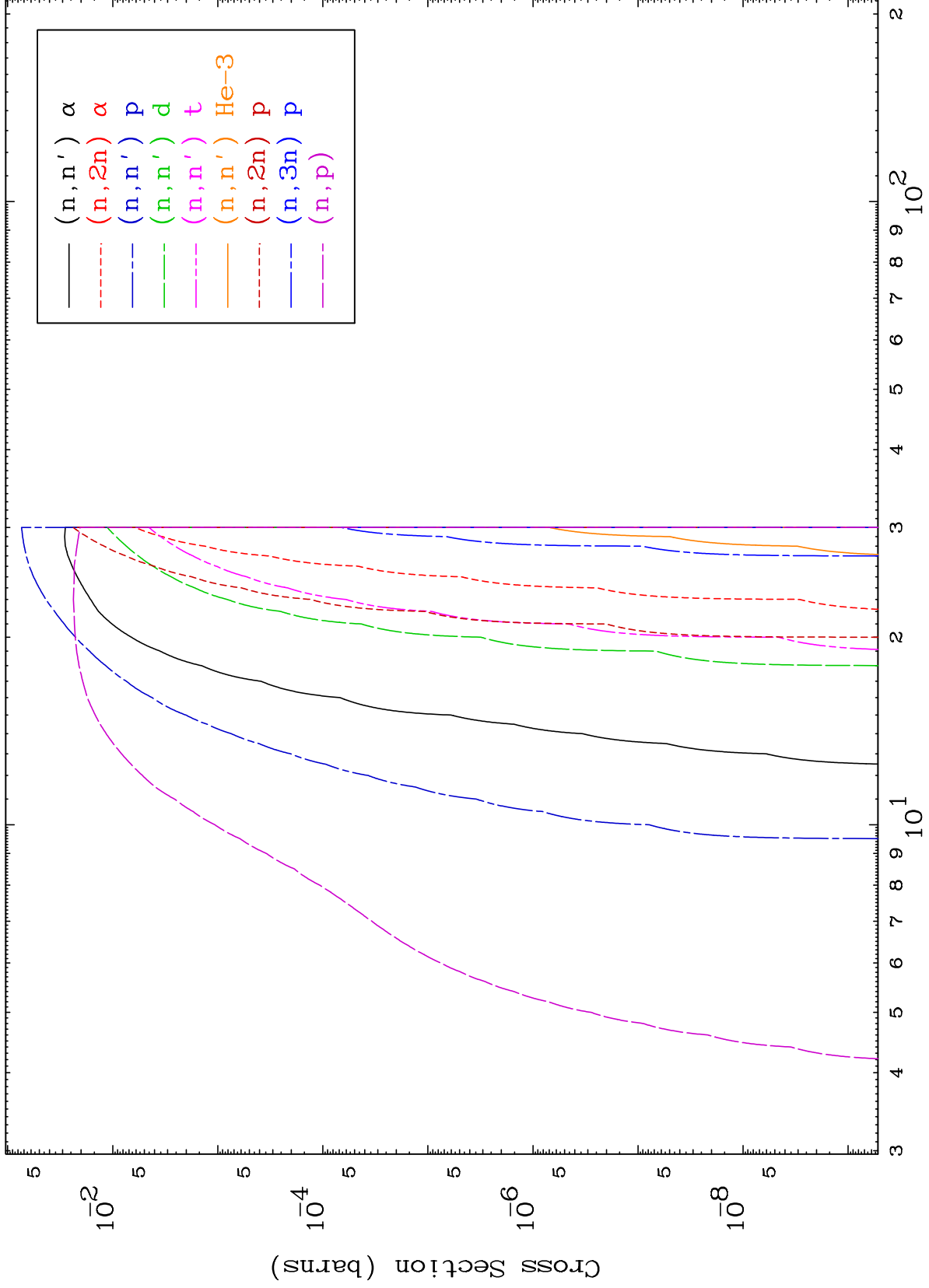
MAT 3731

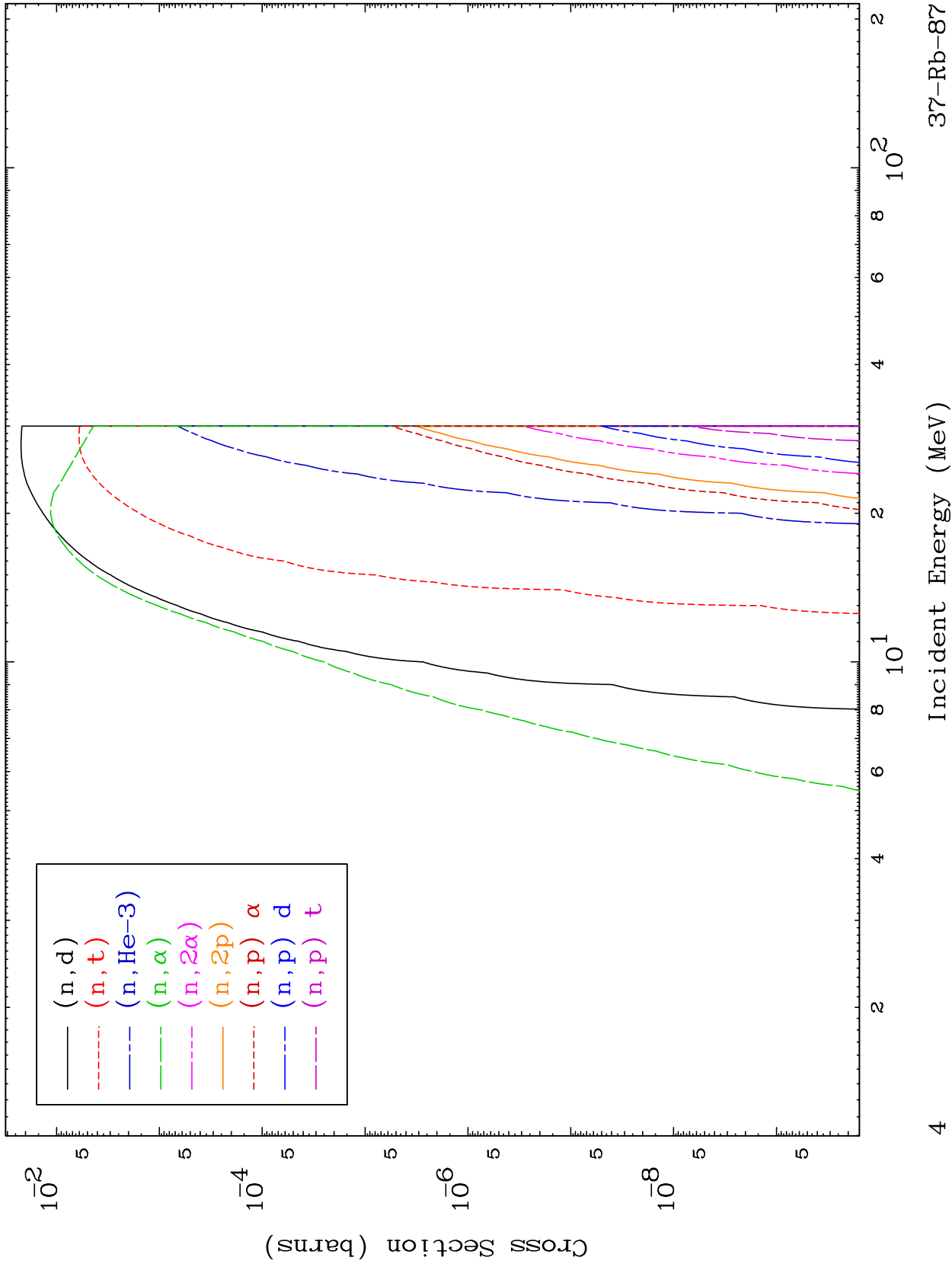
Major
293 Kelvin Cross Sections

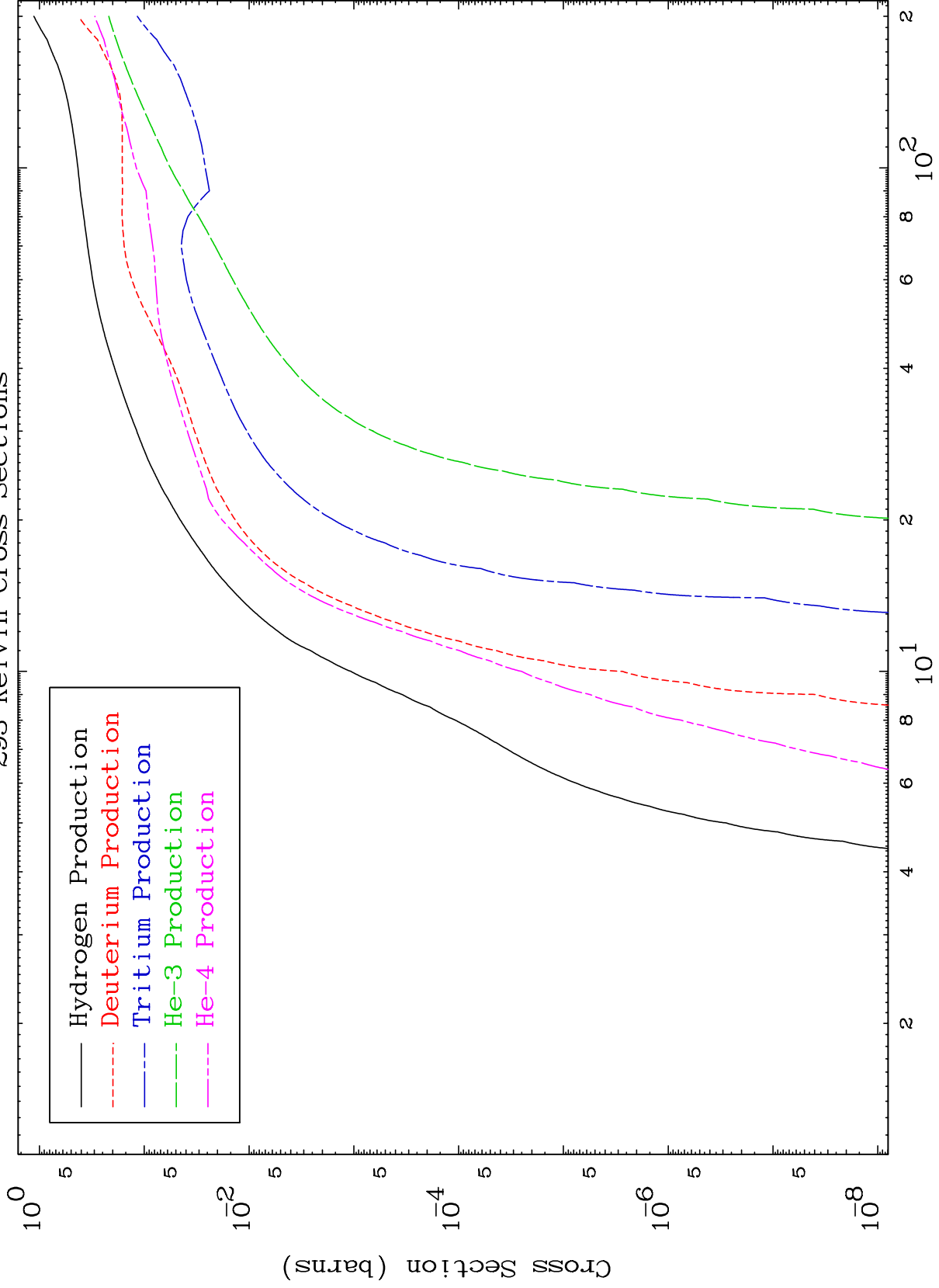
37-Rb-87







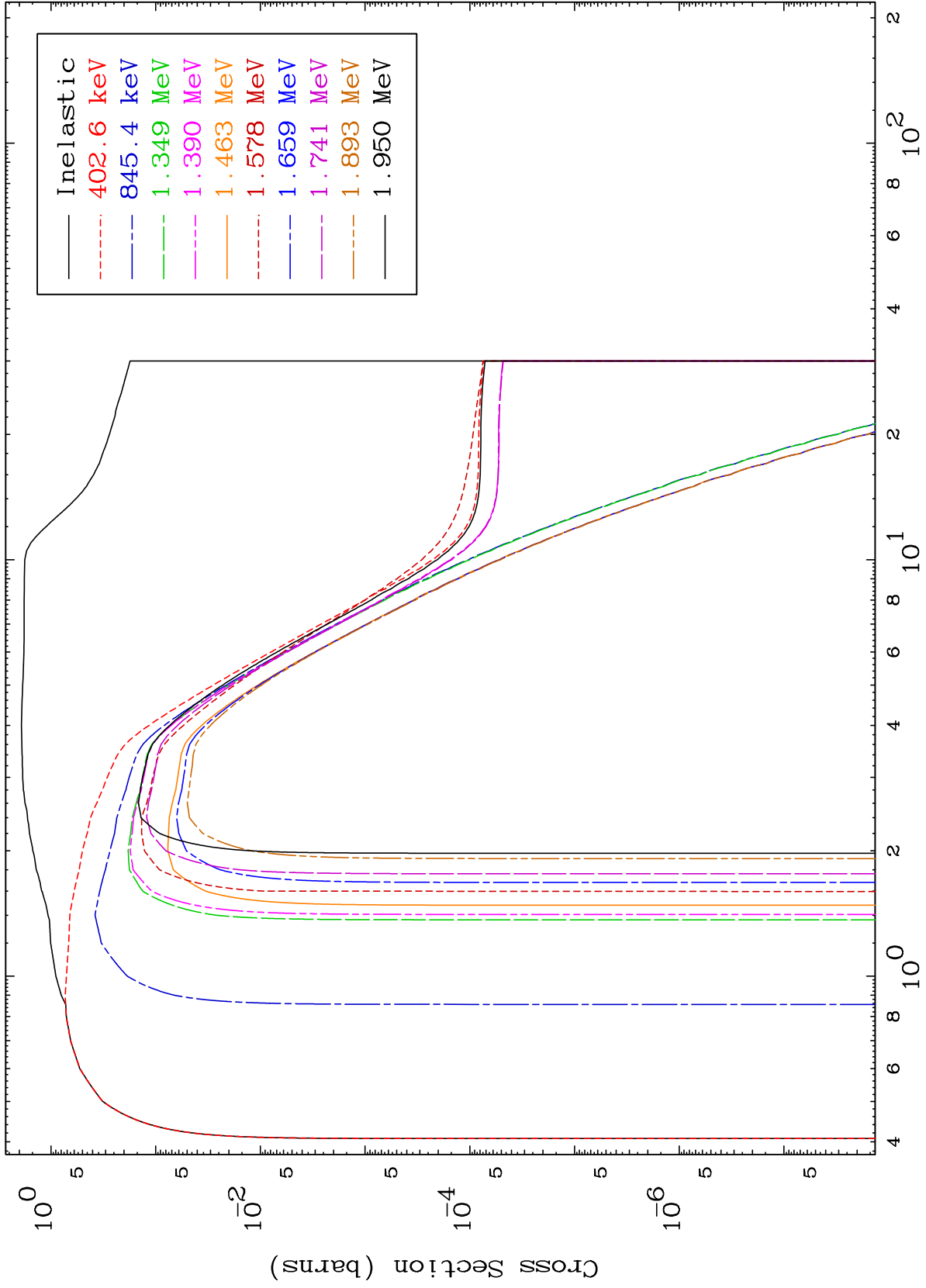




MAT 3731

(n,n') Level
293 Kelvin Cross Sections

37-Rb-87



6

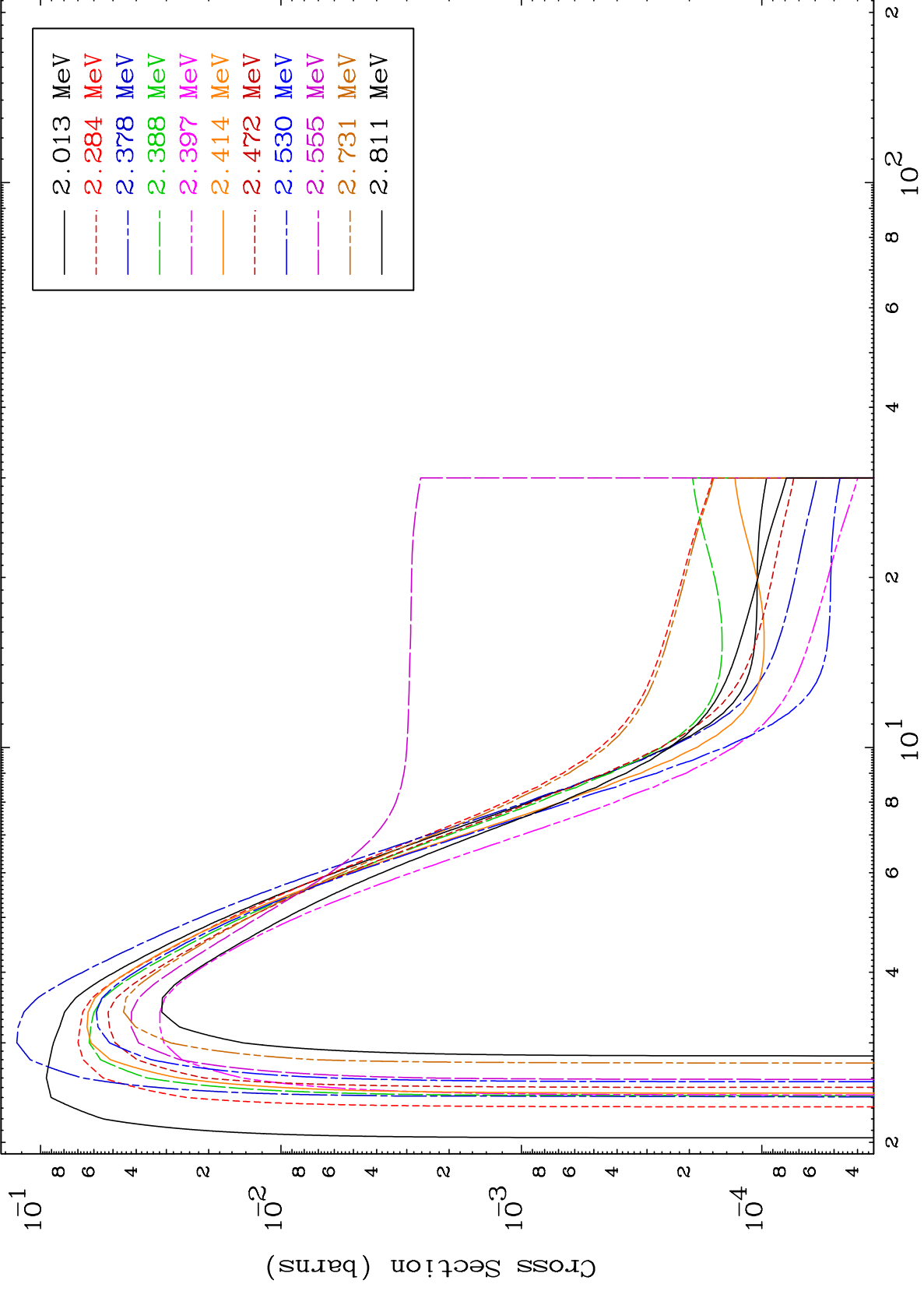
Incident Energy (MeV)

37-Rb-87

MAT 3731

(n,n') Level
293 Kelvin Cross Sections

37-Rb-87



7

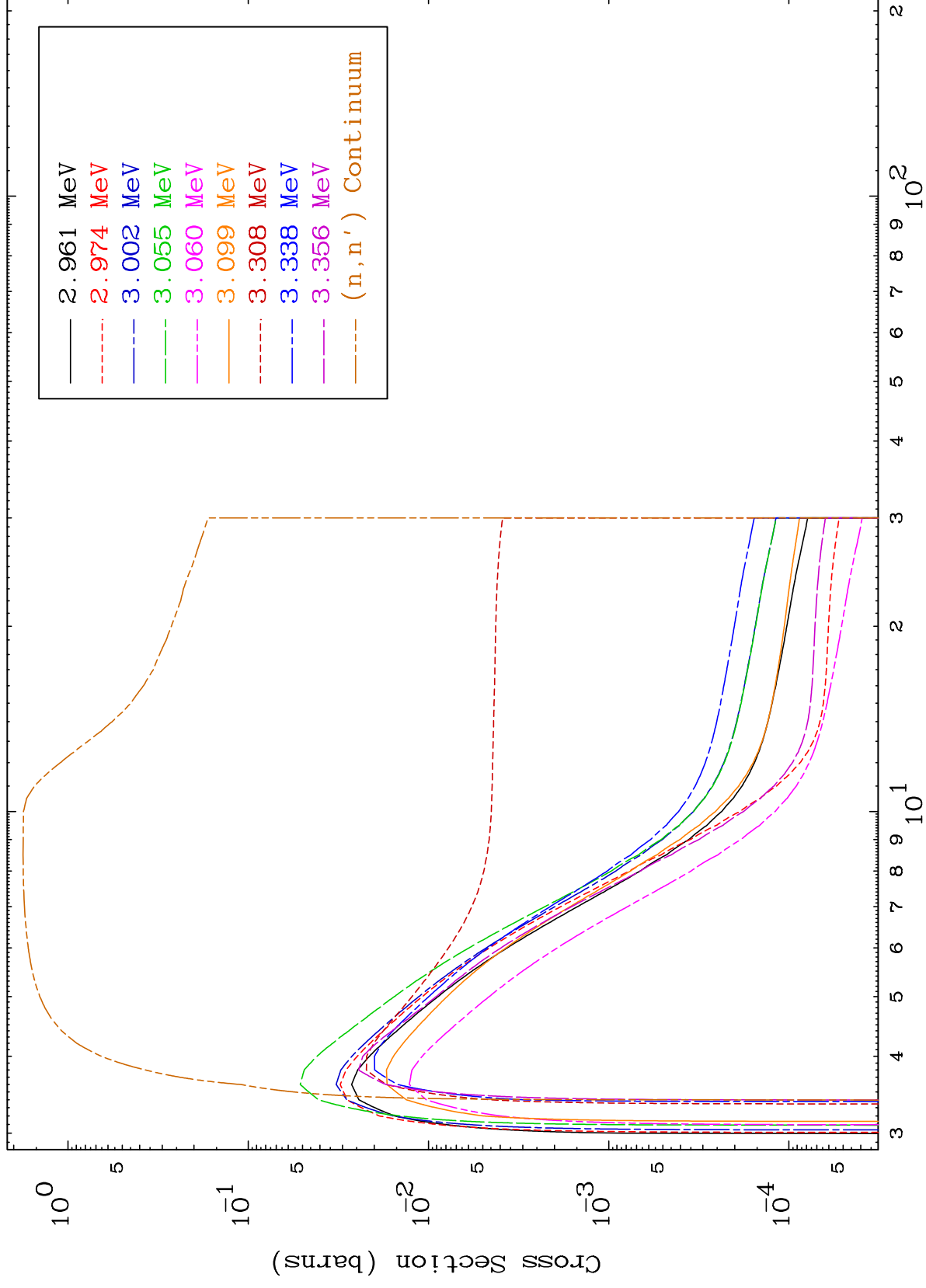
Incident Energy (MeV)

37-Rb-87

MAT 3731

(n,n') Level
293 Kelvin Cross Sections

37-Rb-87



8

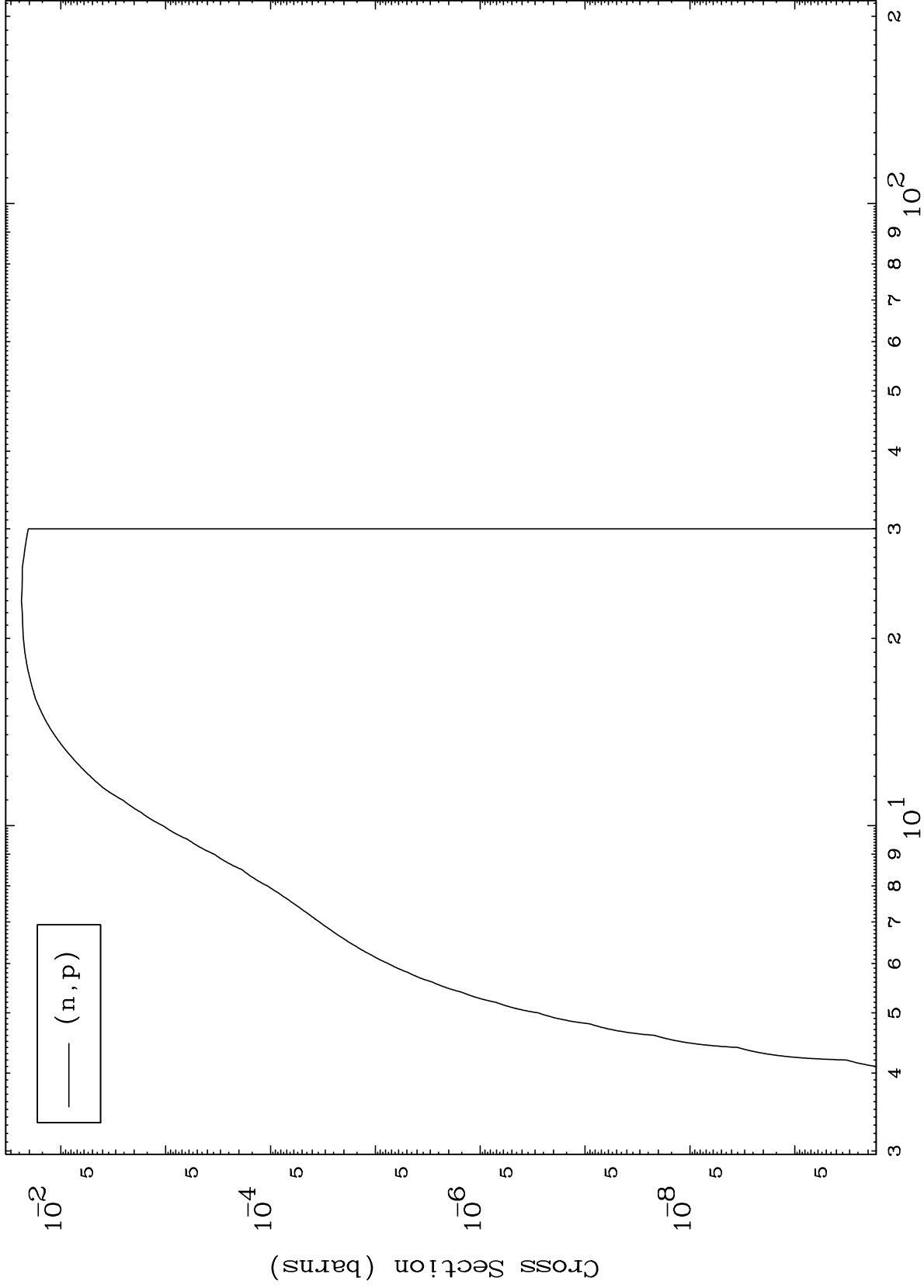
Incident Energy (MeV)

37-Rb-87

MAT 3731

(n,p) Levels
293 Kelvin Cross Sections

37-Rb-87



9

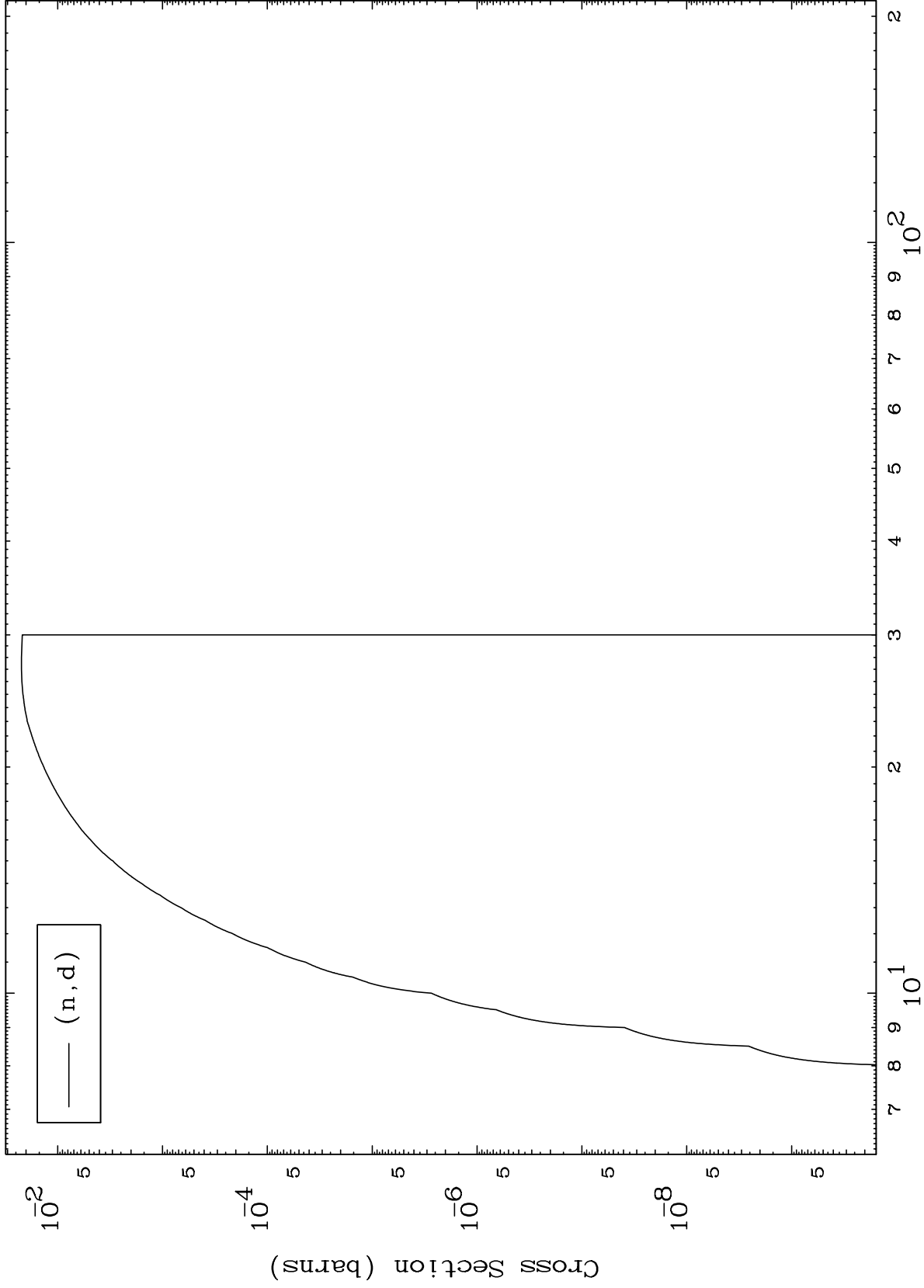
Incident Energy (MeV)

37-Rb-87

MAT 3731

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-87



10

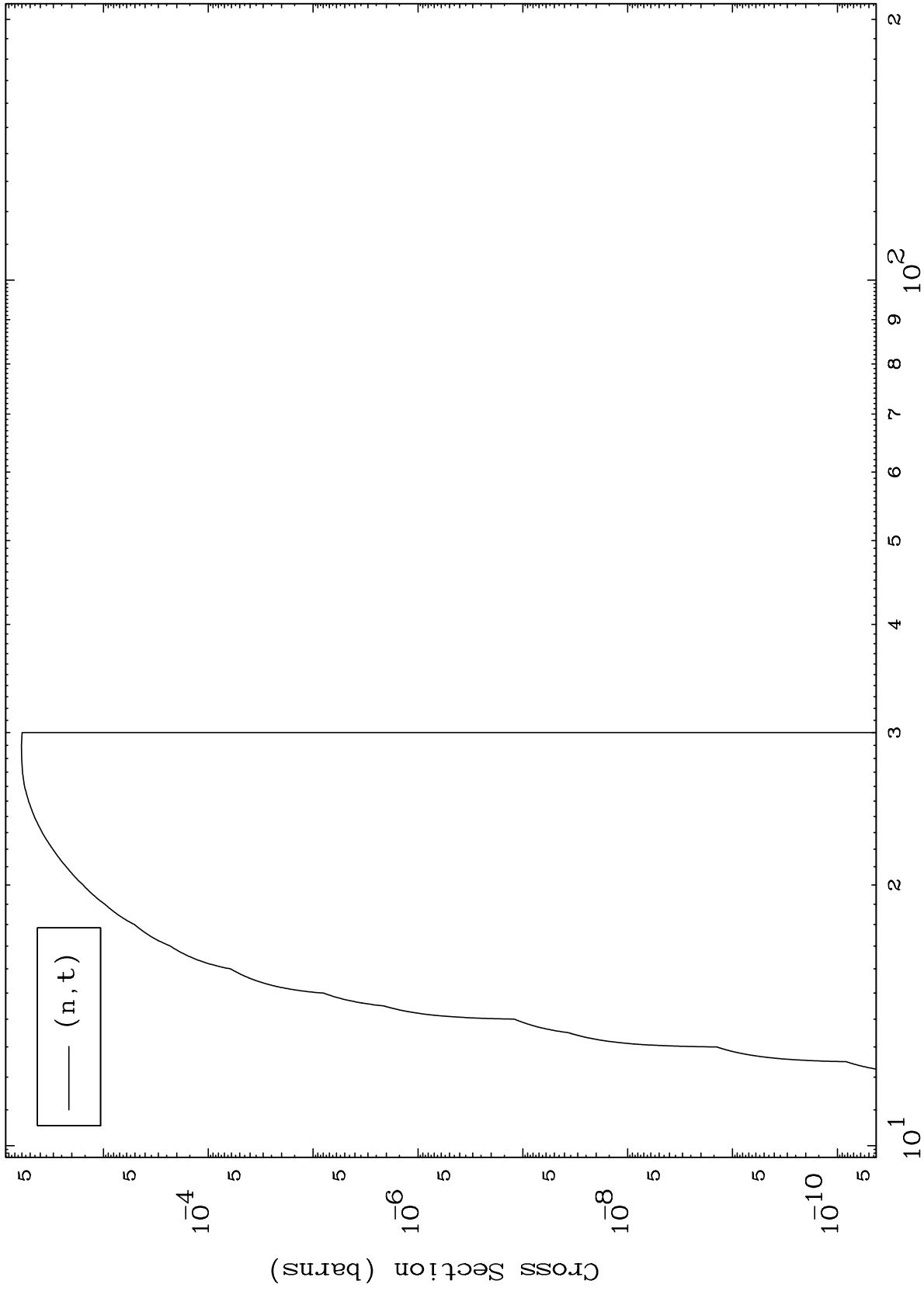
Incident Energy (MeV)

37-Rb-87

MAT 3731

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-87



11

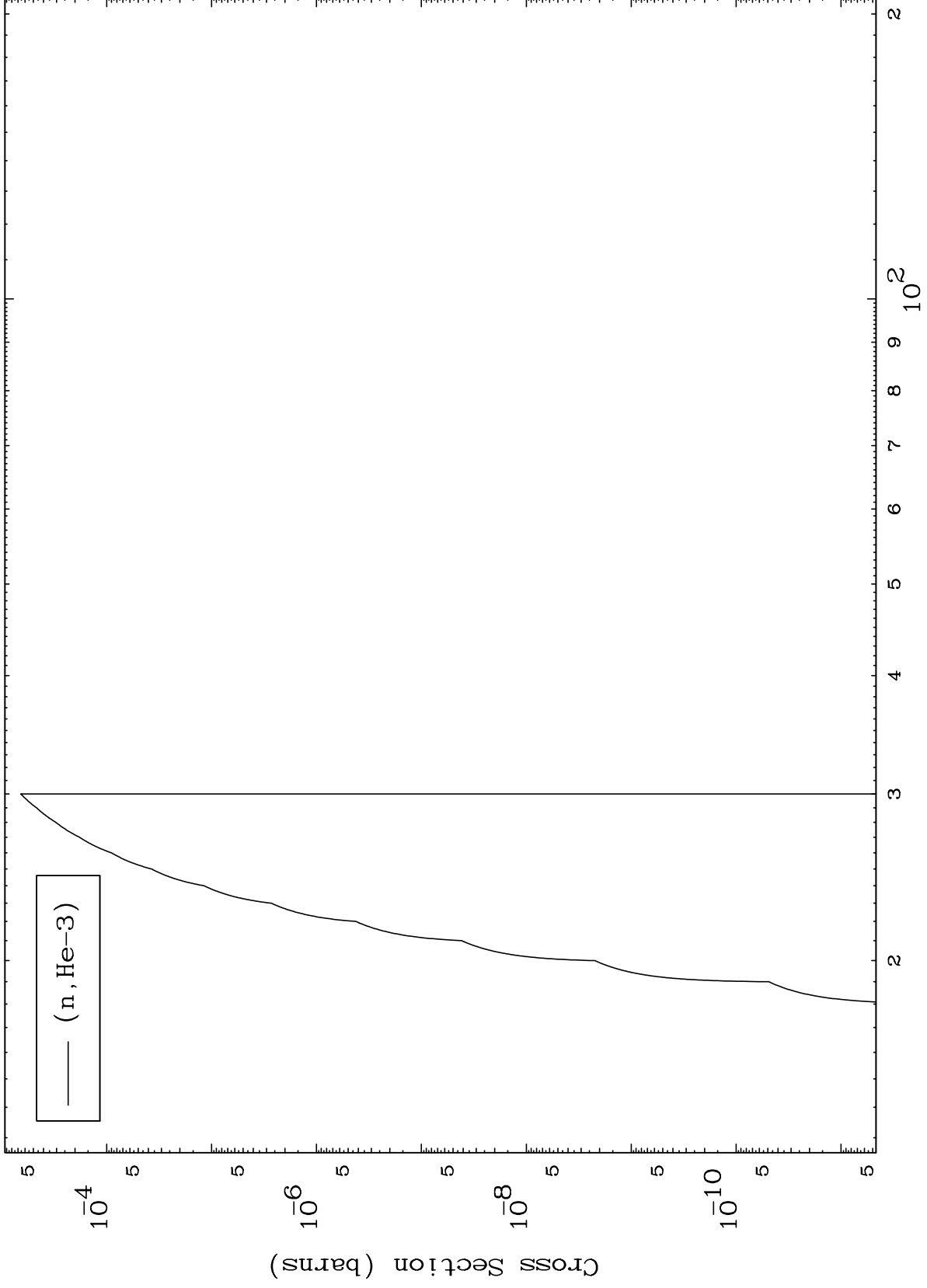
Incident Energy (MeV)

37-Rb-87

MAT 3731

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-87



12

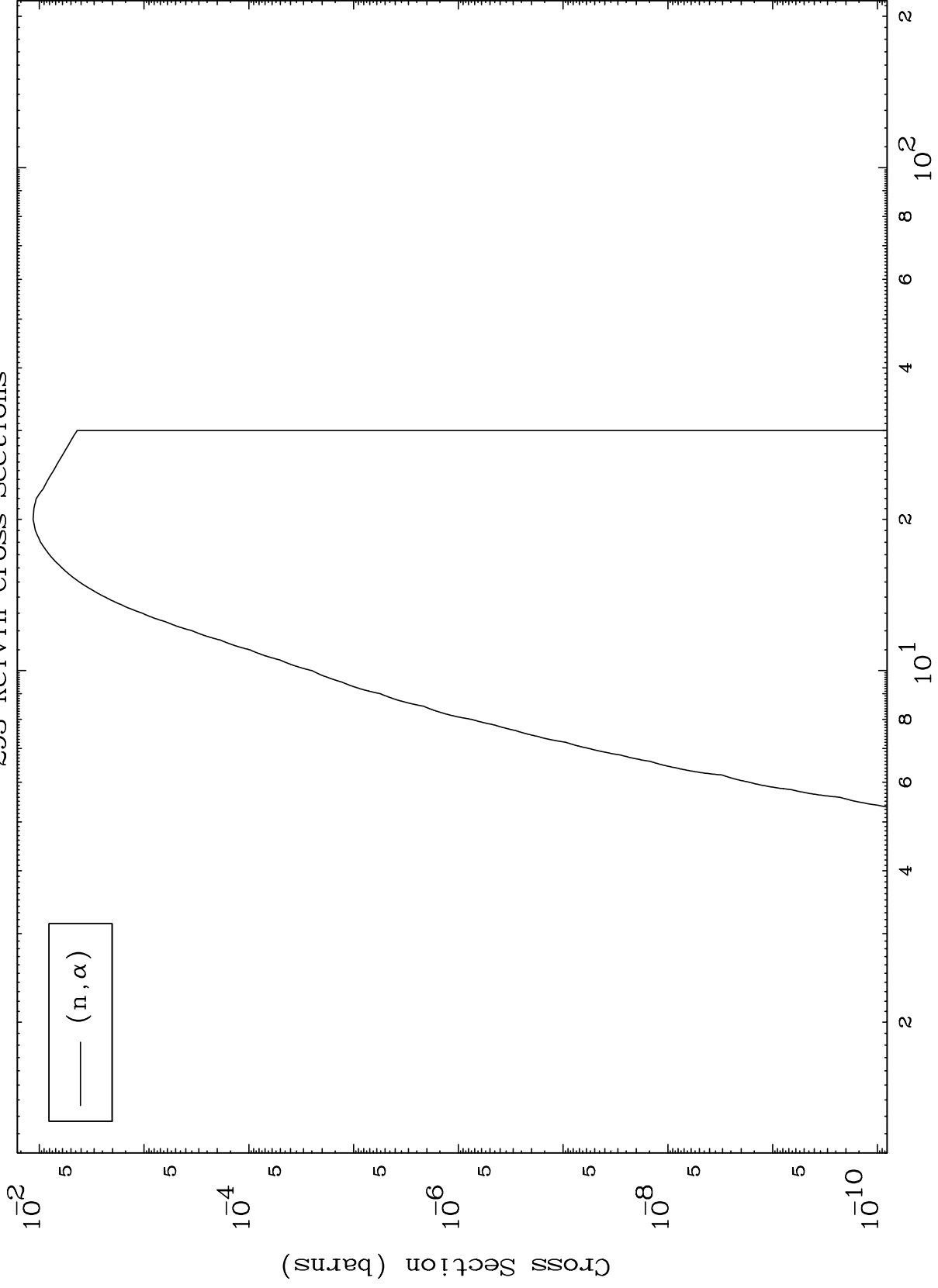
Incident Energy (MeV)

37-Rb-87

MAT 3731

(n, α) Levels
293 Kelvin Cross Sections

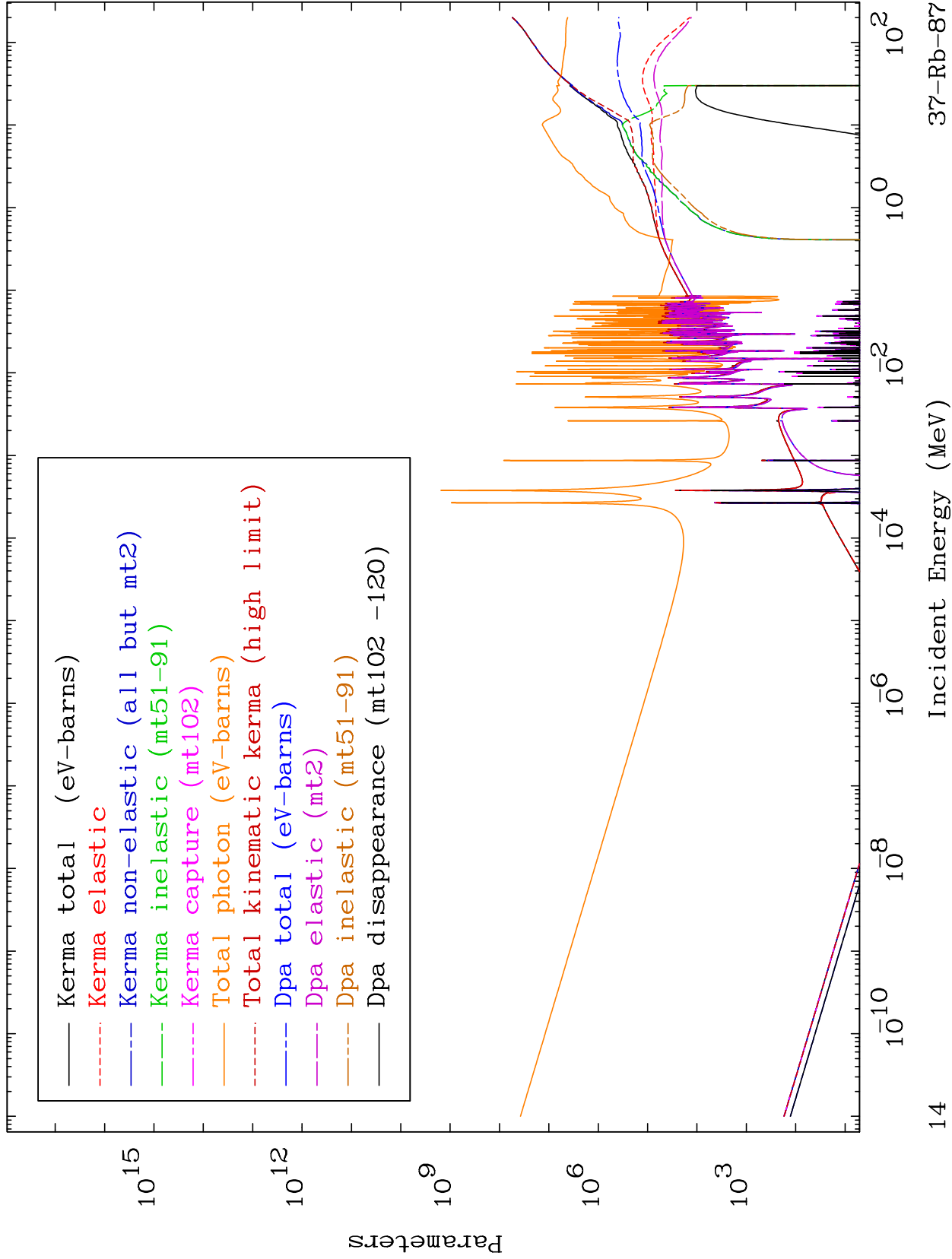
37-Rb-87



13

Incident Energy (MeV)

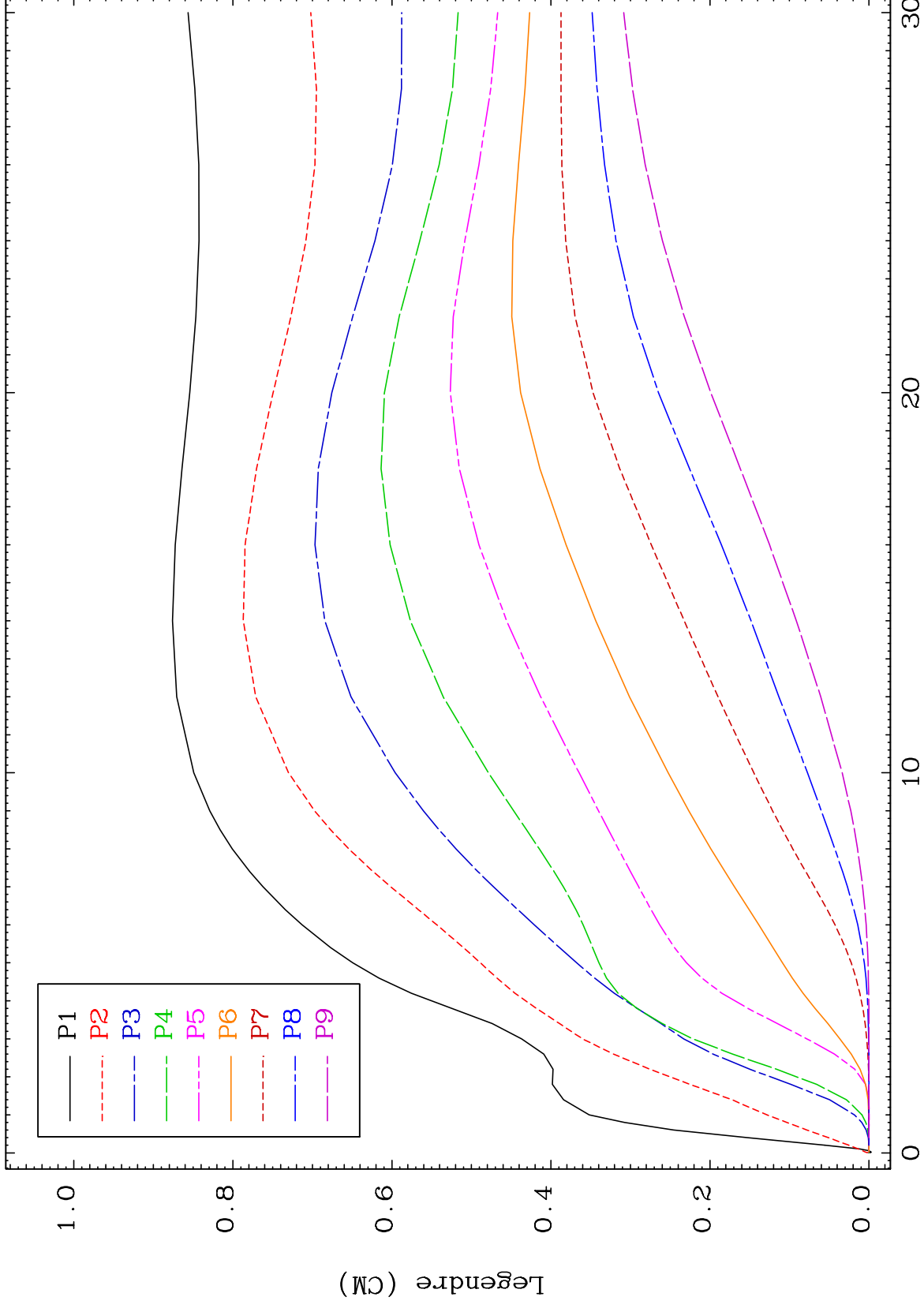
37-Rb-87



MAT 3731

Elastic Legendre Coefficients

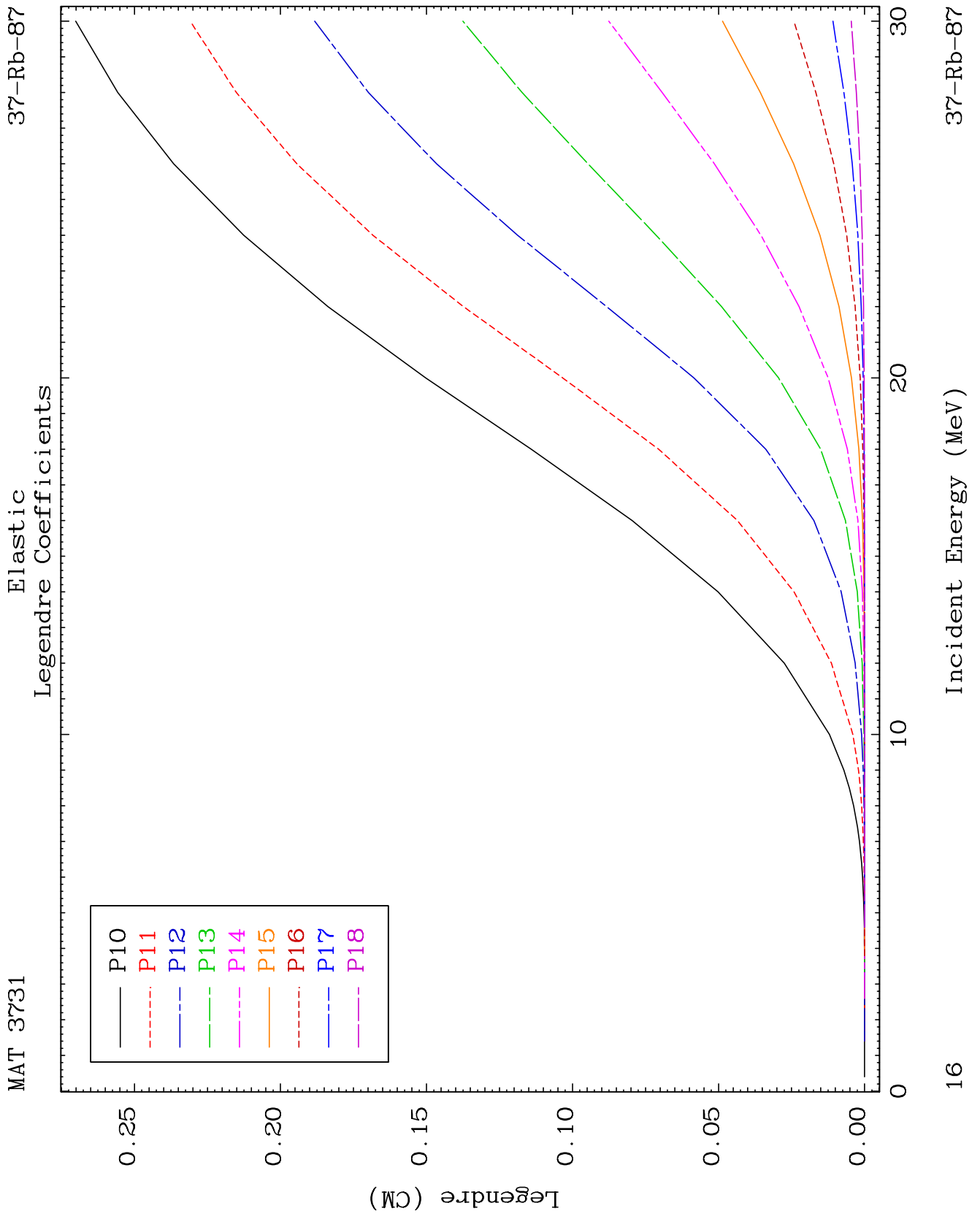
³⁷Rb-87



15

Incident Energy (MeV)

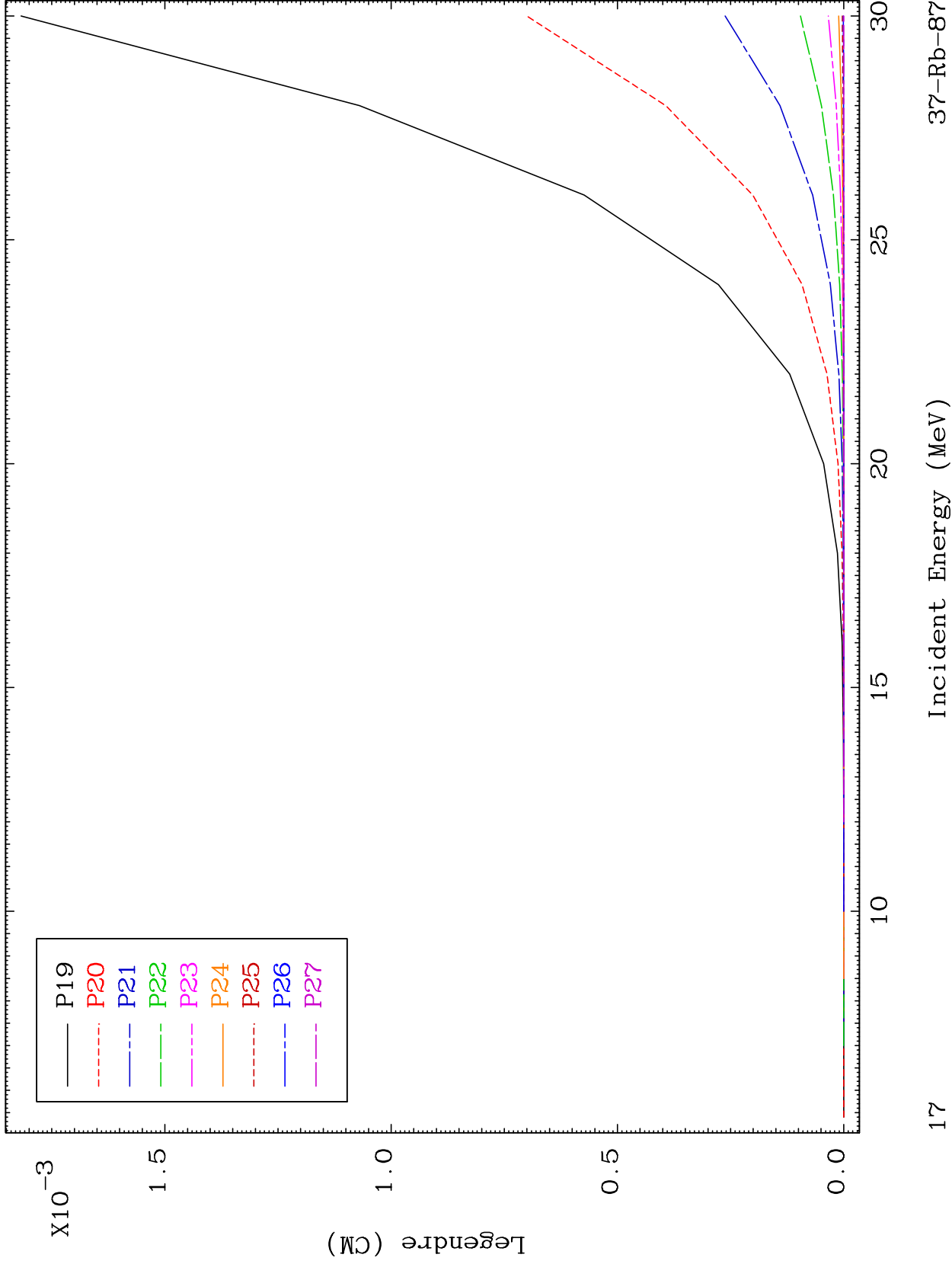
³⁷Rb-87



MAT 3731

Elastic Legendre Coefficients

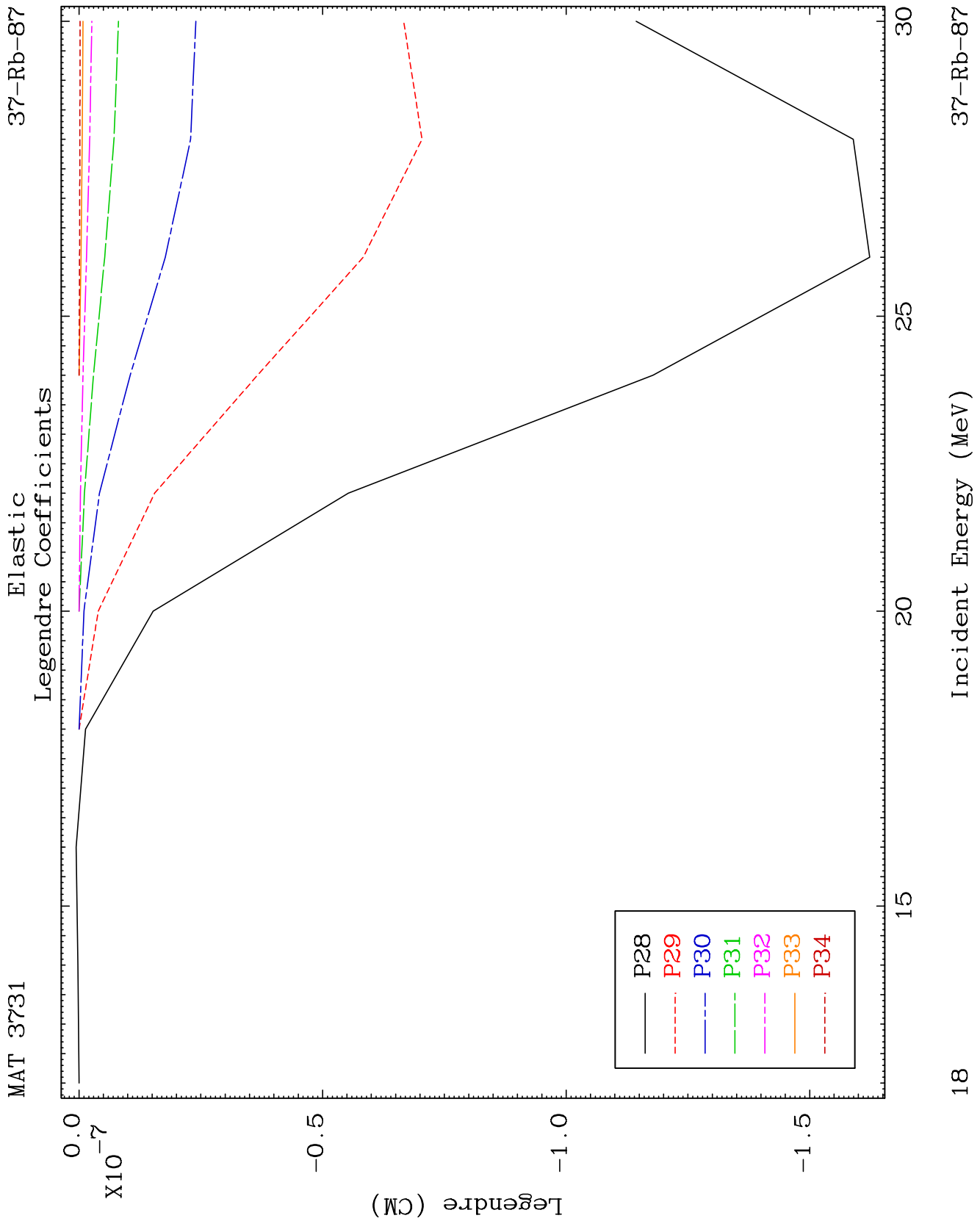
37-Rb-87



17

Incident Energy (MeV)

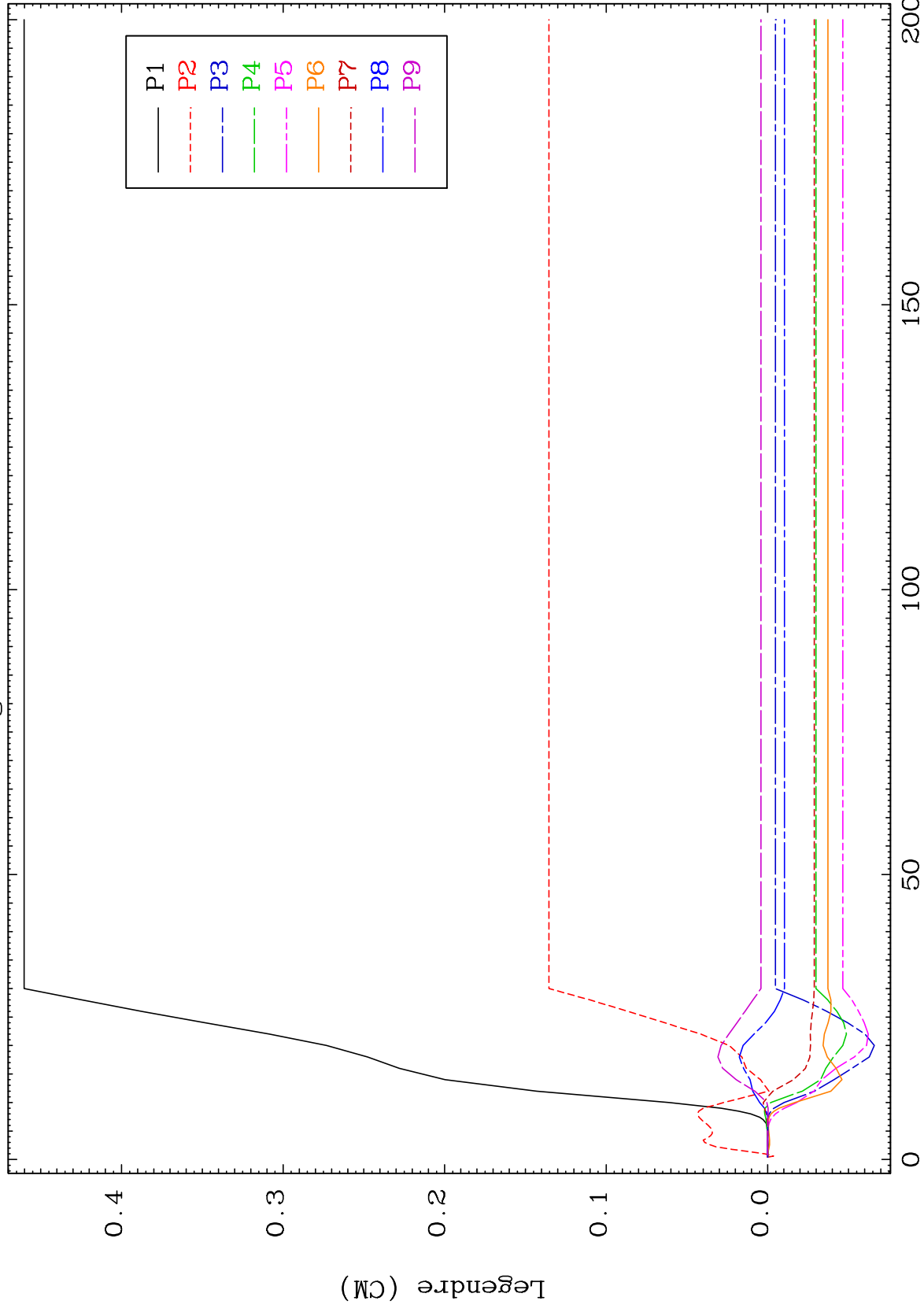
37-Rb-87



MAT 3731

402.6 keV (n,n') Level
Legendre Coefficients

37-Rb-87



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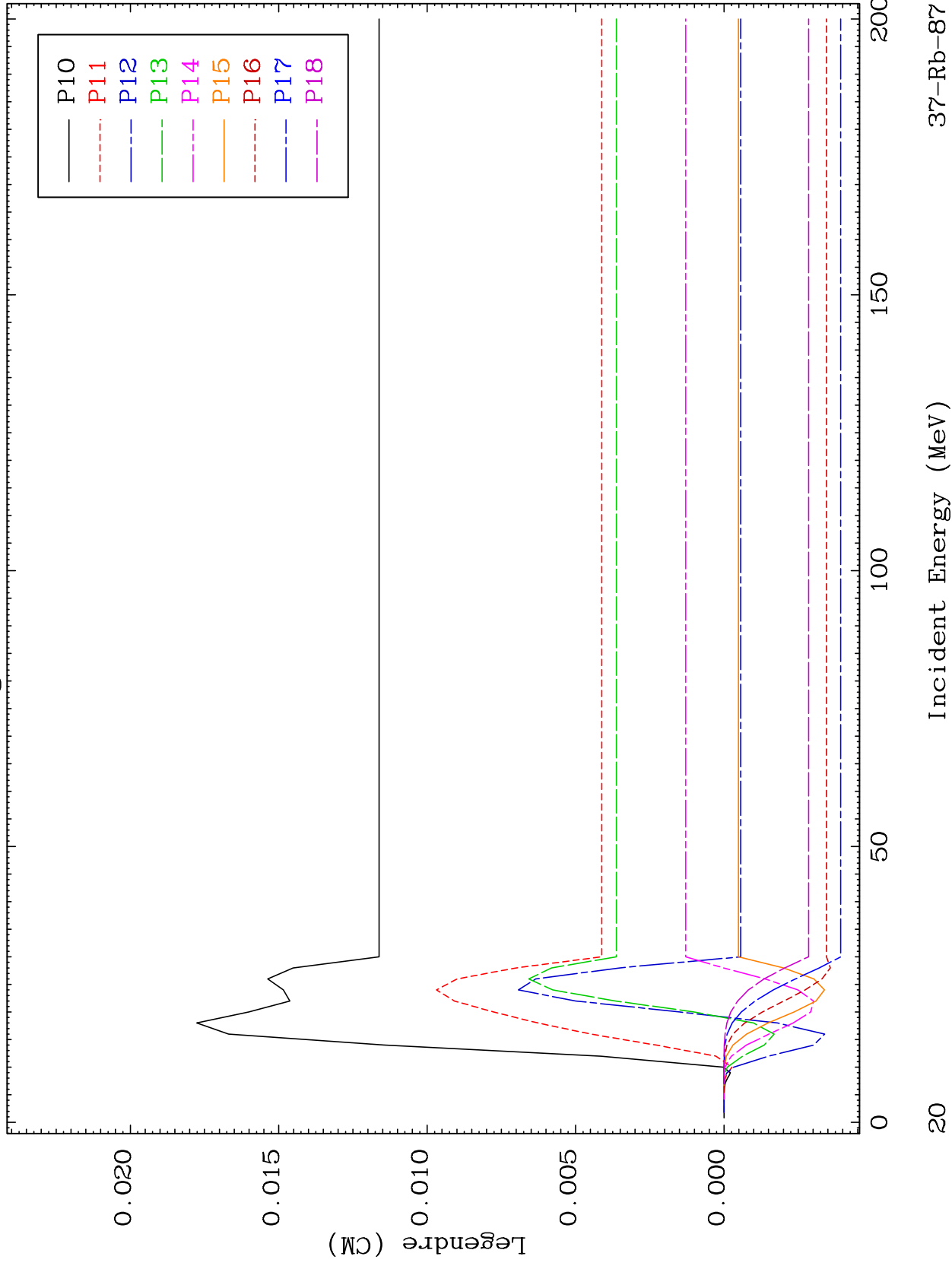
Incident Energy (MeV)

37-Rb-87

MAT 3731

402.6 keV (n,n') Level
Legendre Coefficients

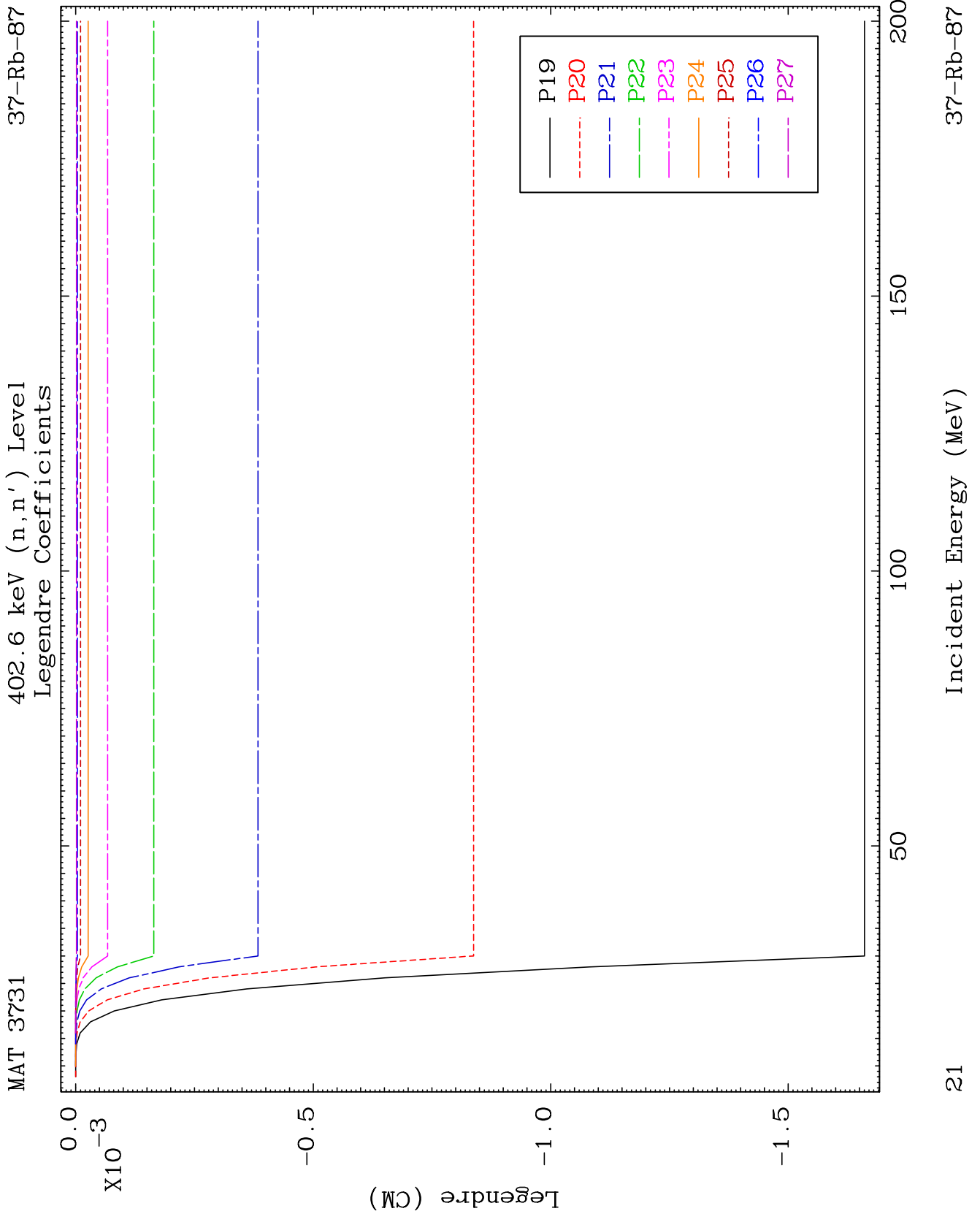
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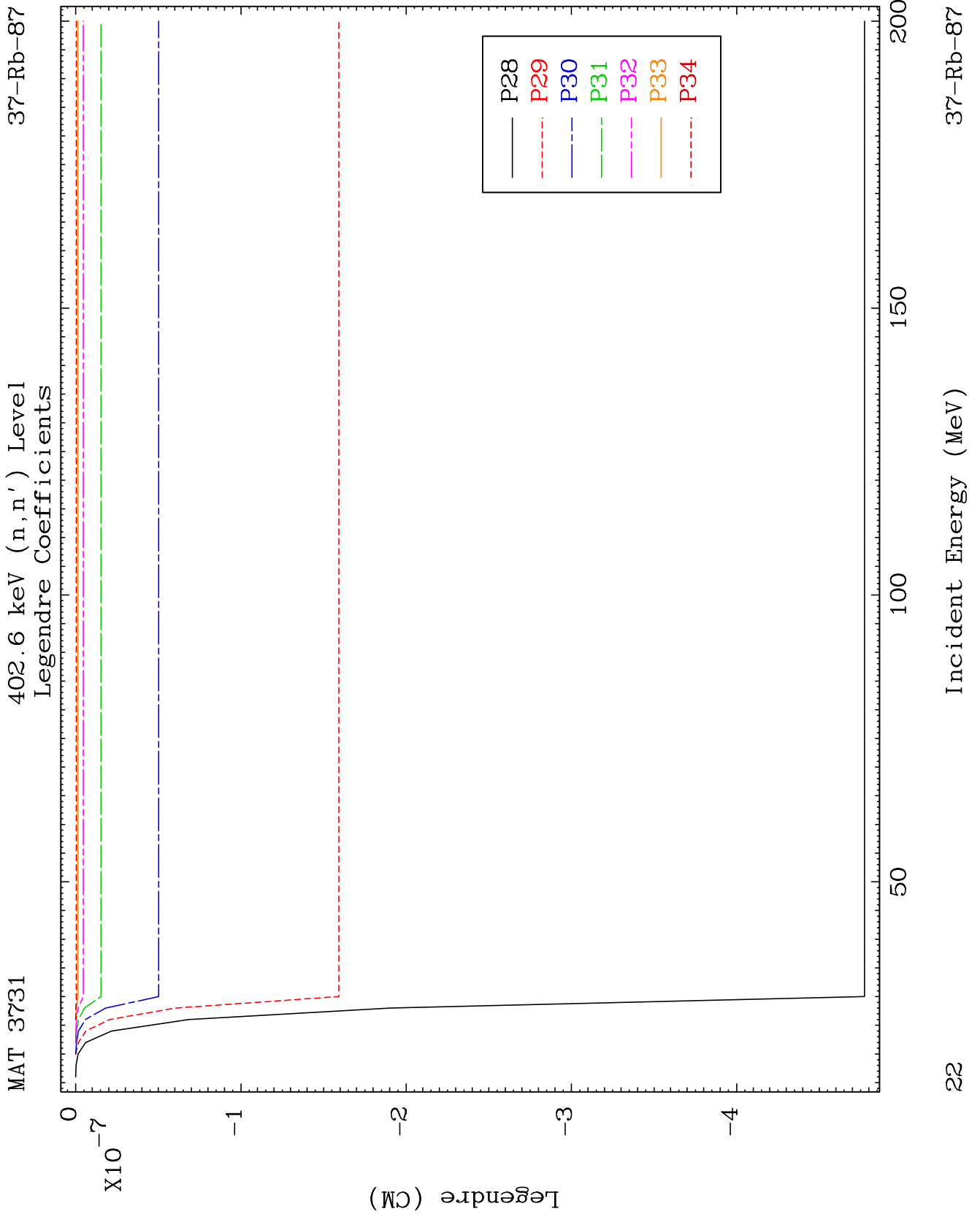


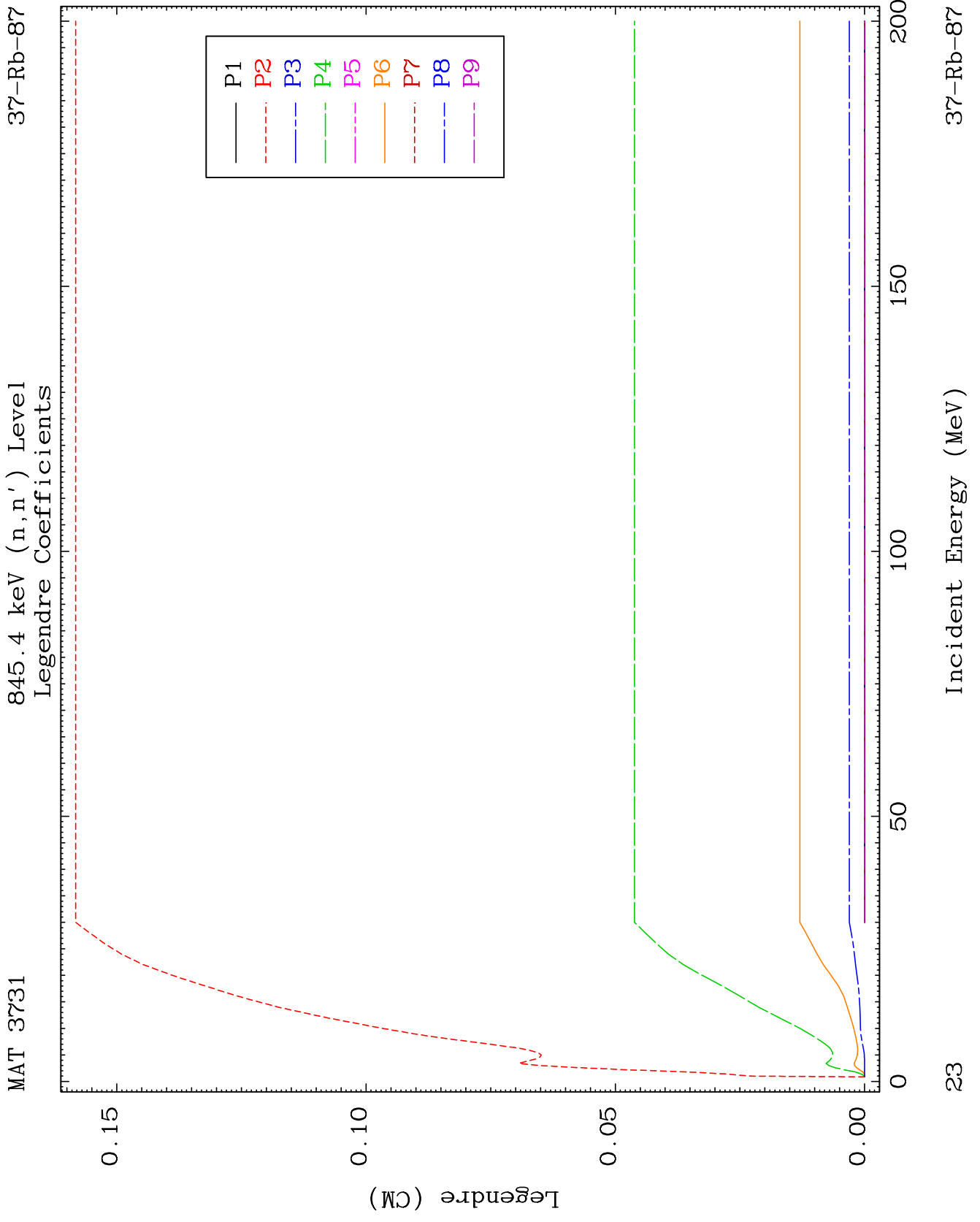
37-Rb-87

Incident Energy (MeV)

20



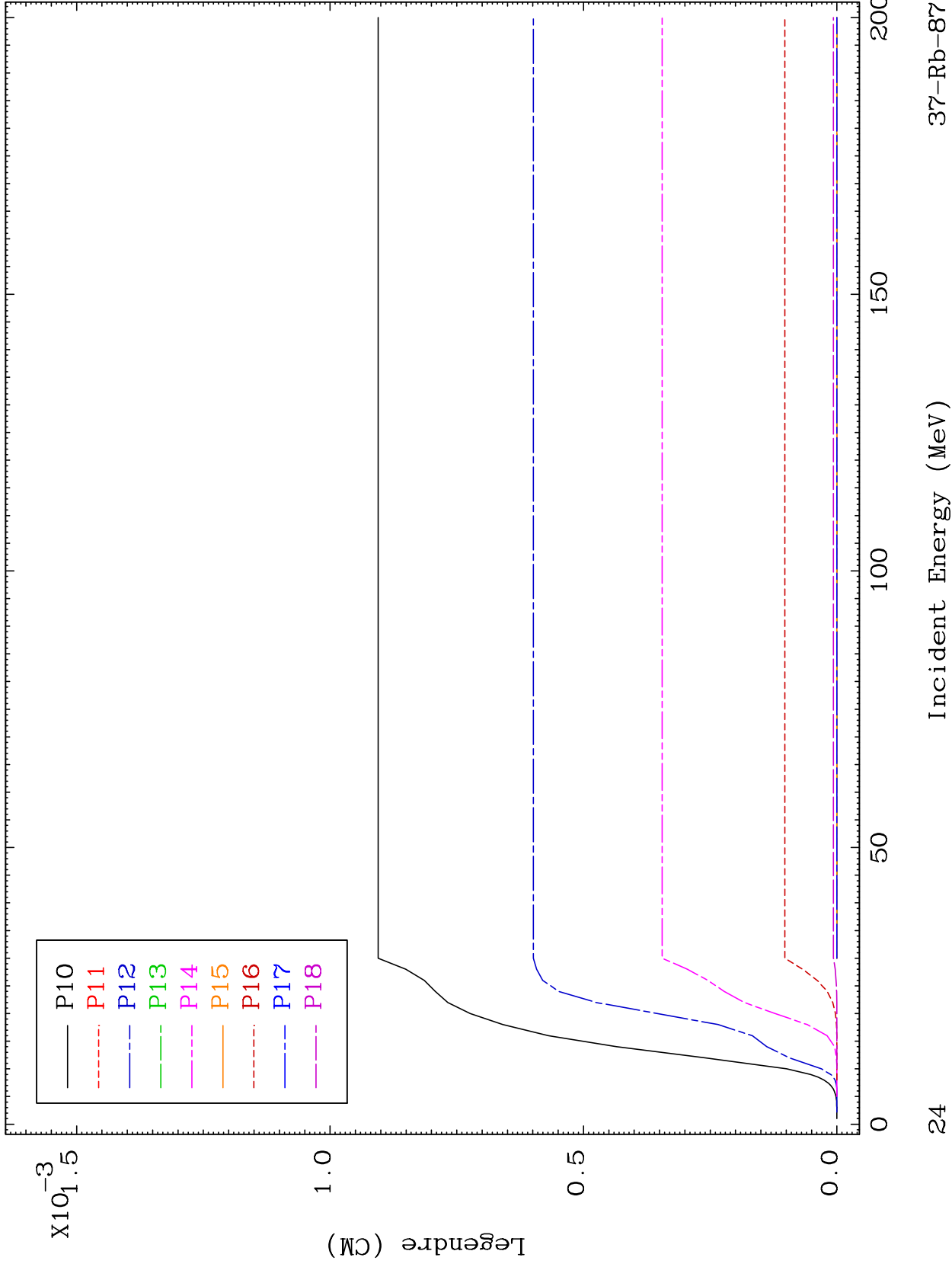




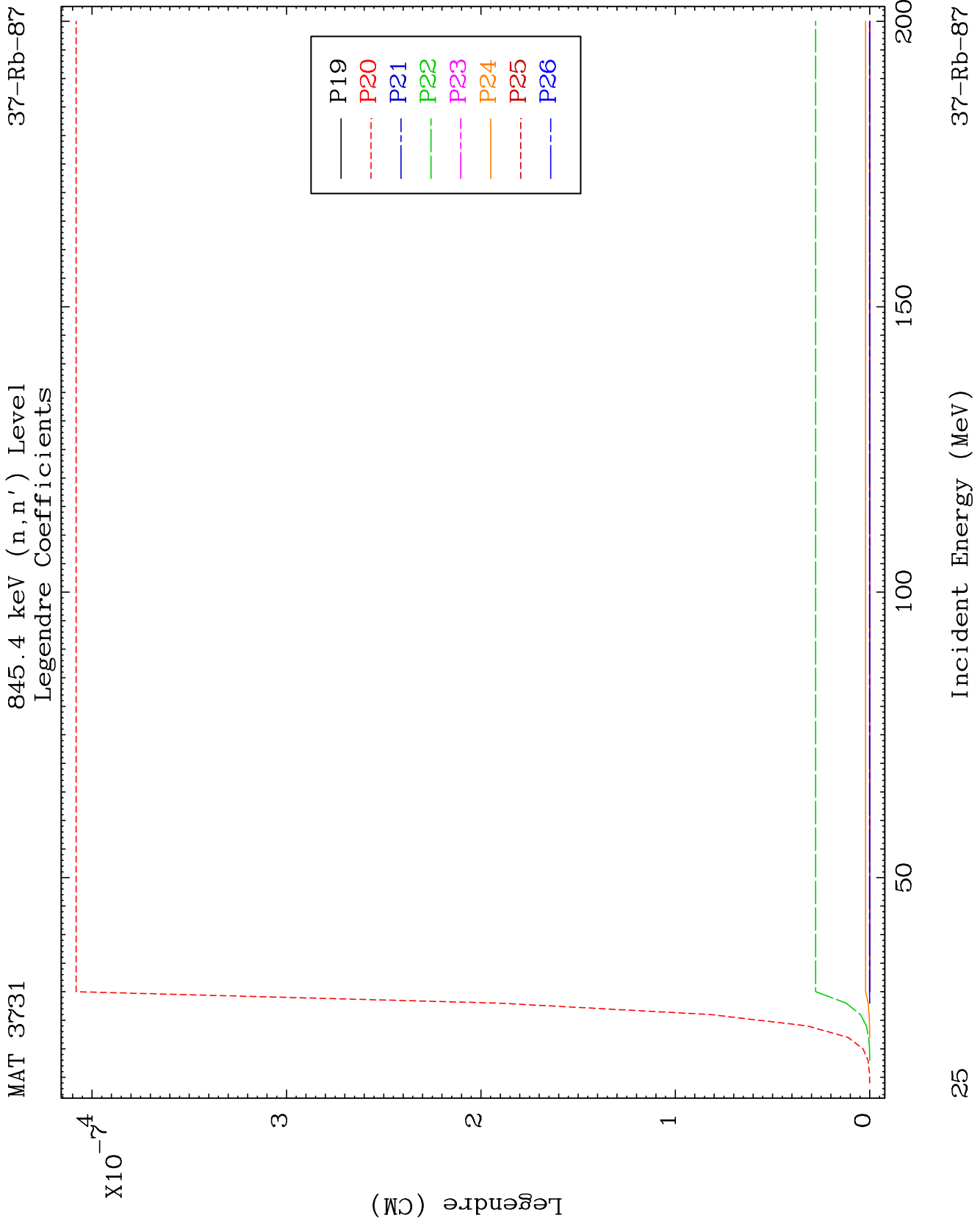
MAT 3731

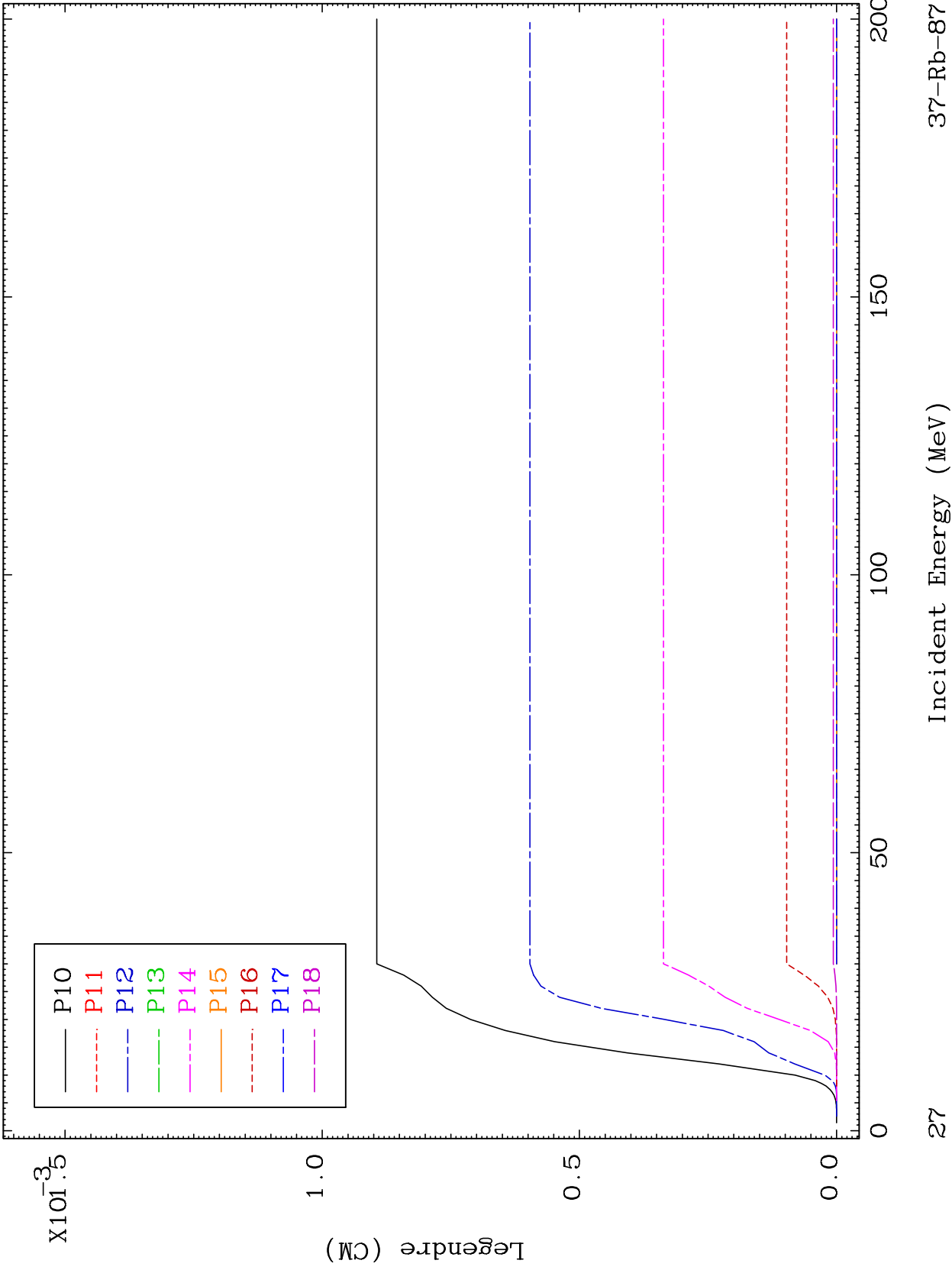
845.4 keV (n,n') Level
Legendre Coefficients

37-Rb-87



24

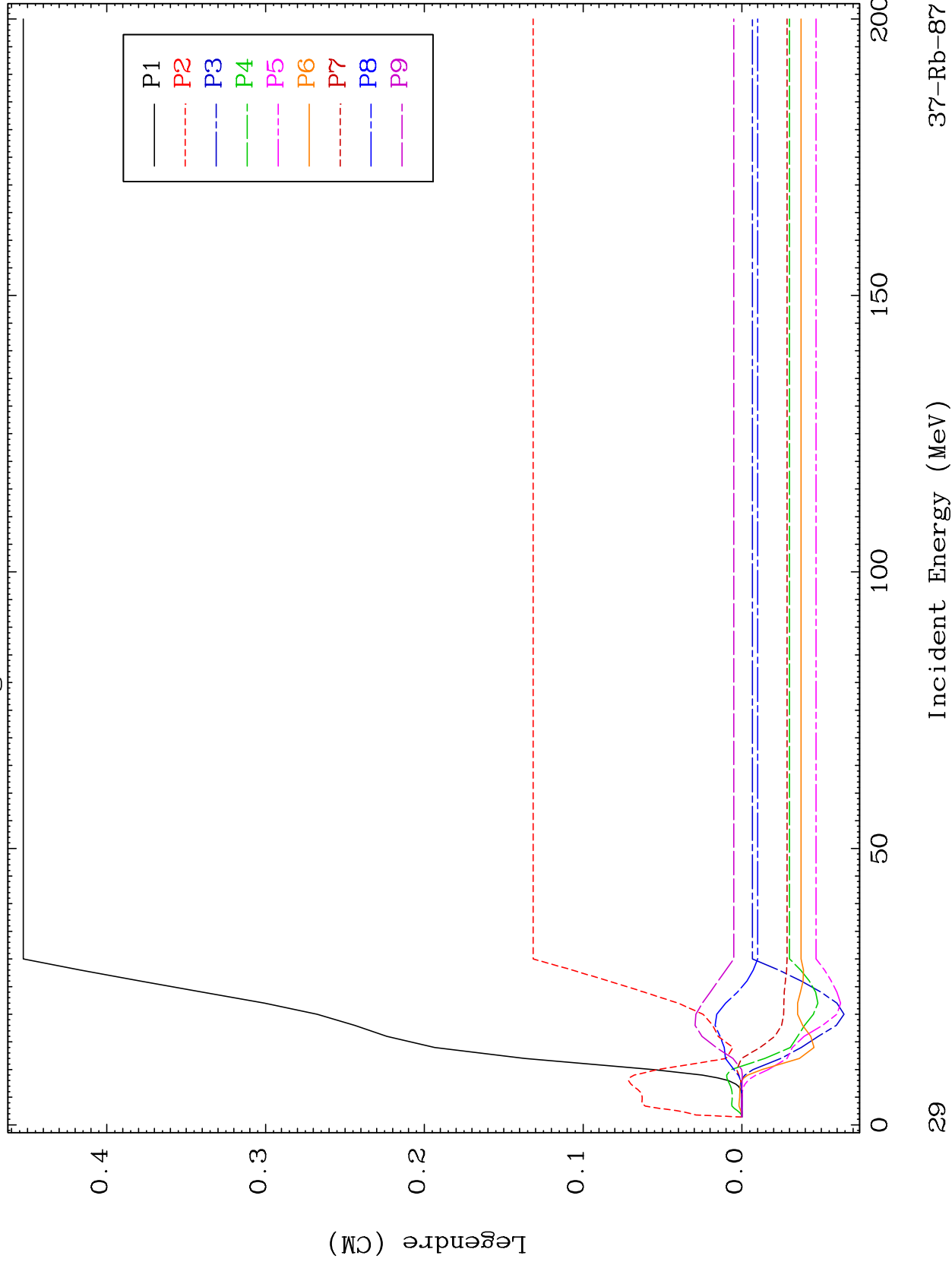




MAT 3731

1.390 MeV (n,n') Level
Legendre Coefficients

37-Rb-87



37-Rb-87

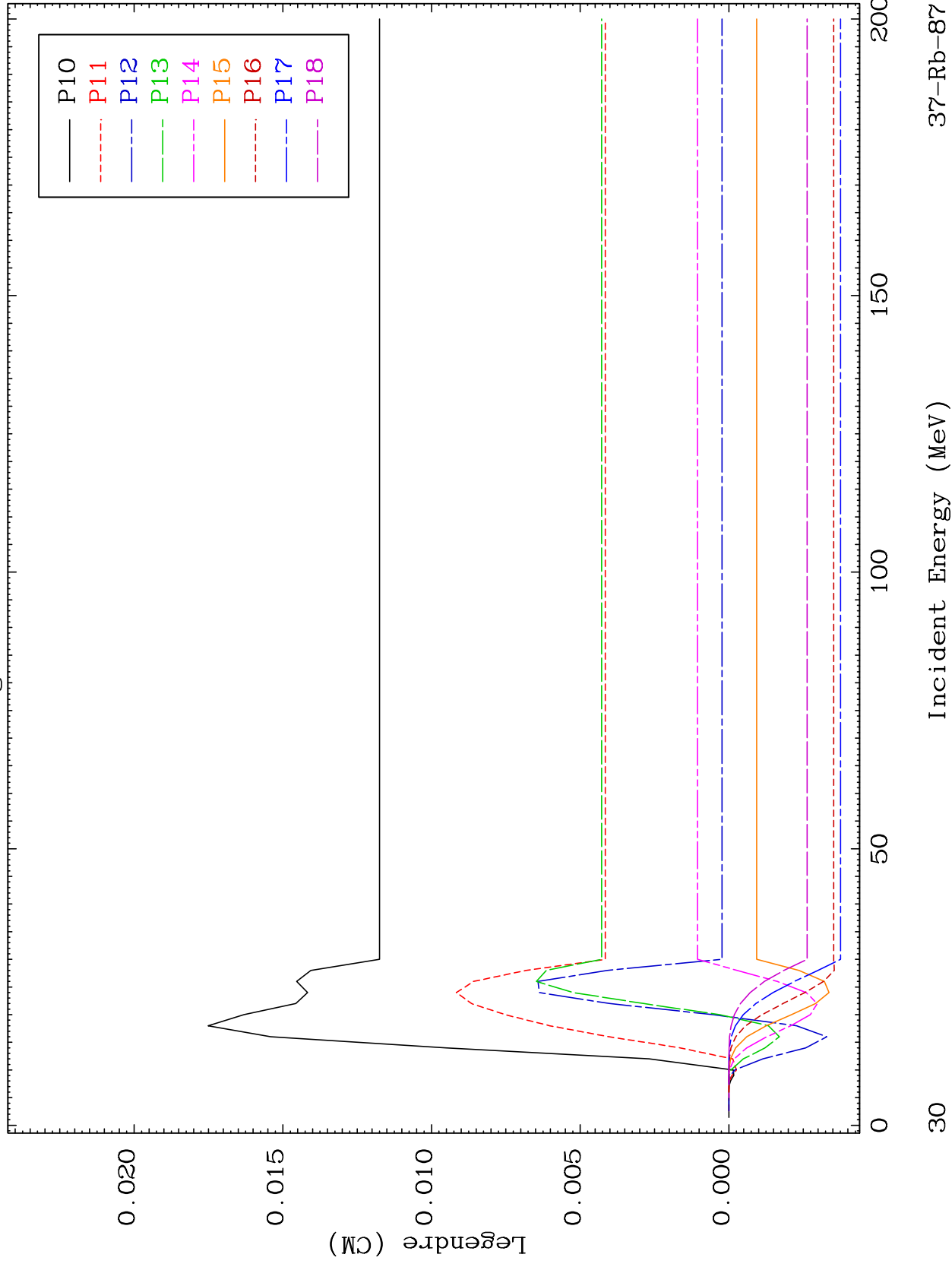
Incident Energy (MeV)

29

MAT 3731

1.390 MeV (n,n') Level
Legendre Coefficients

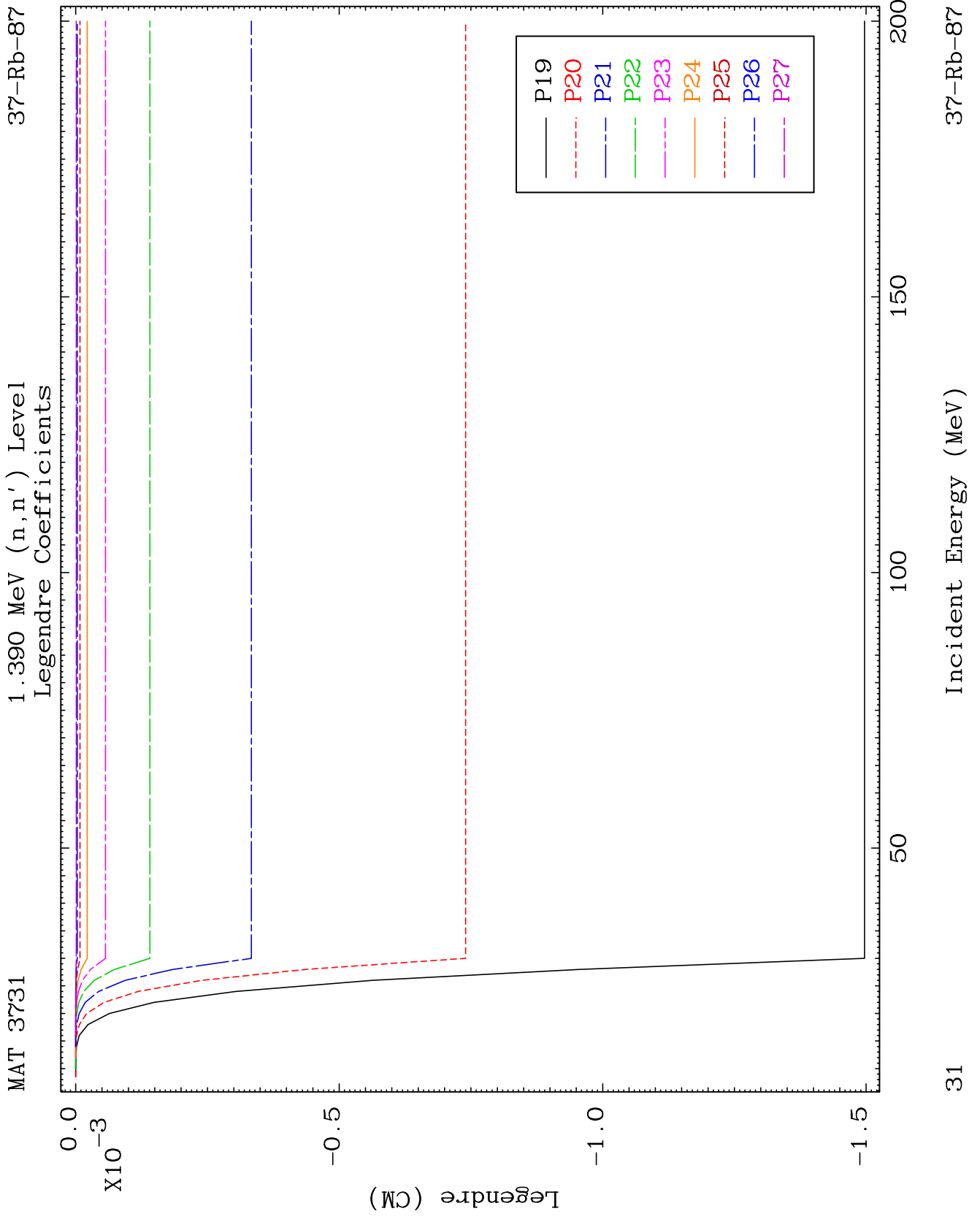
37-Rb-87

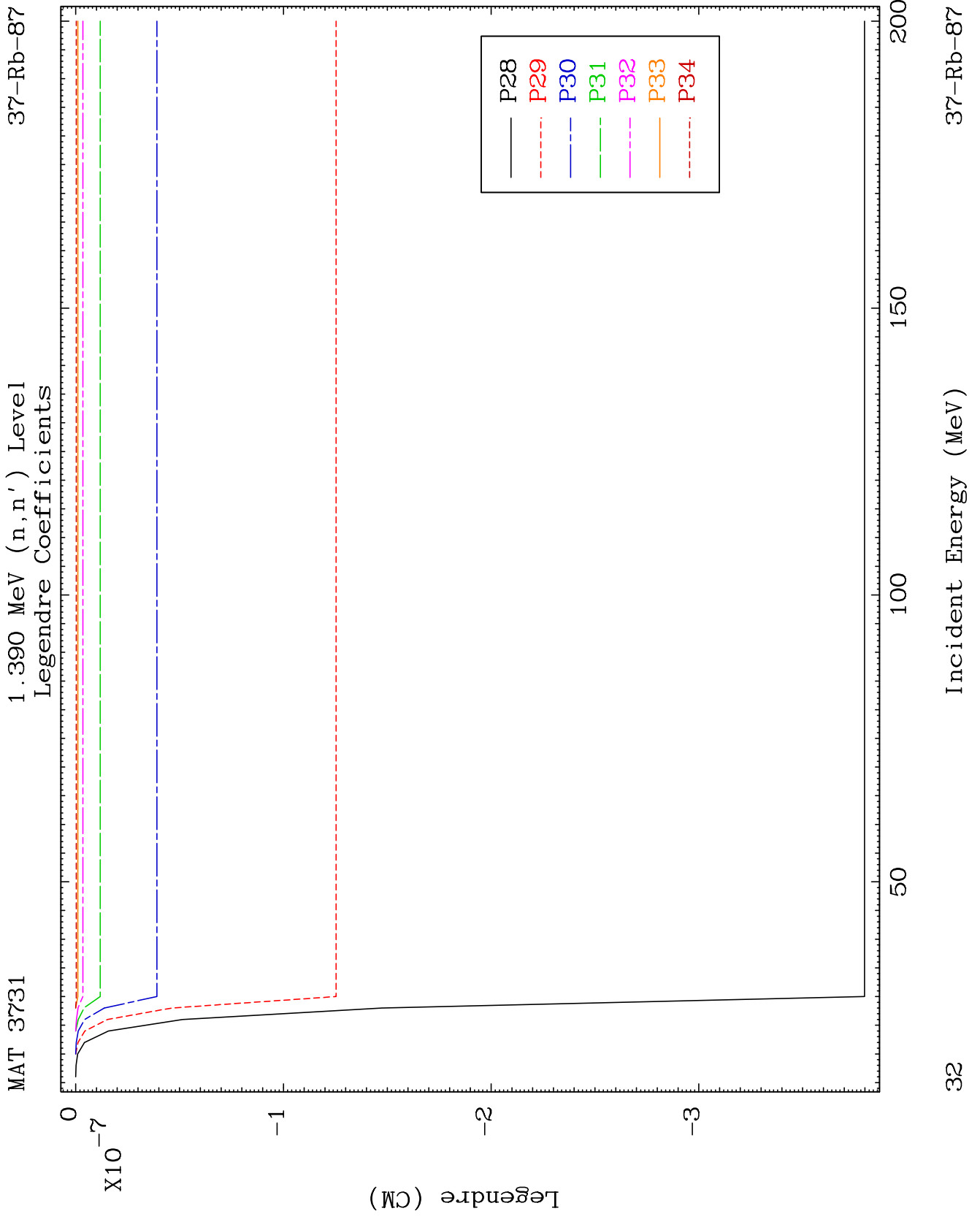


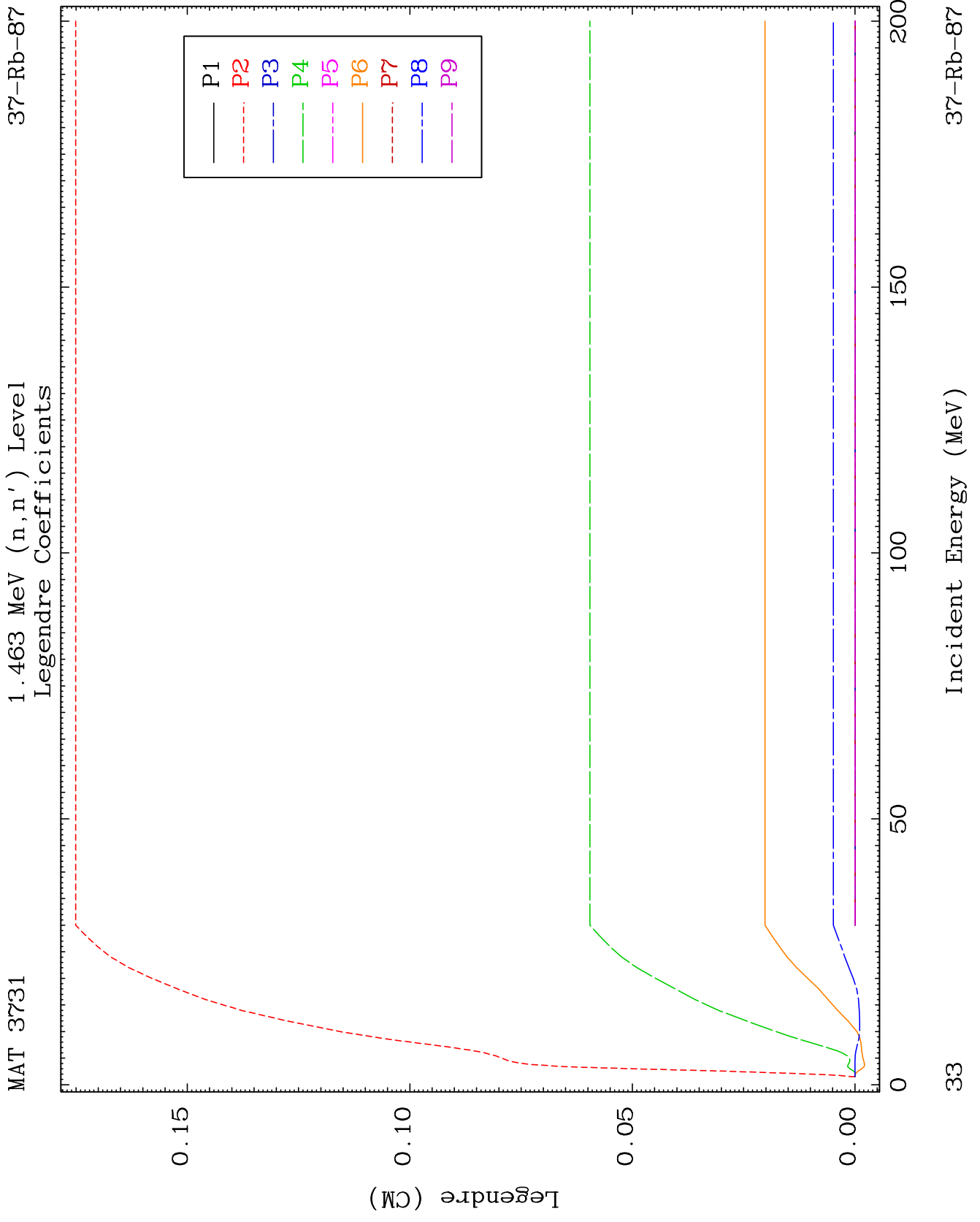
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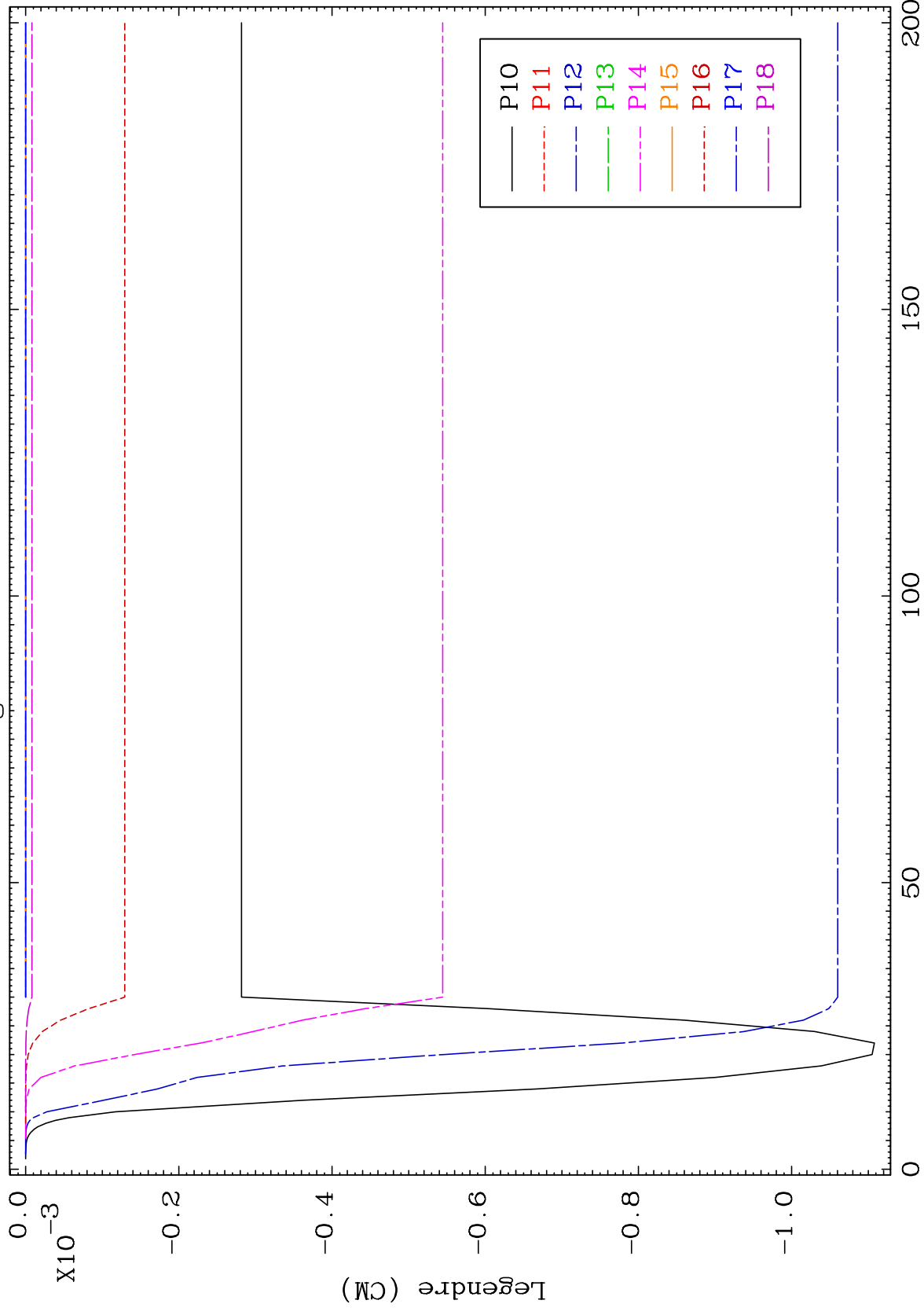
Incident Energy (MeV)

30





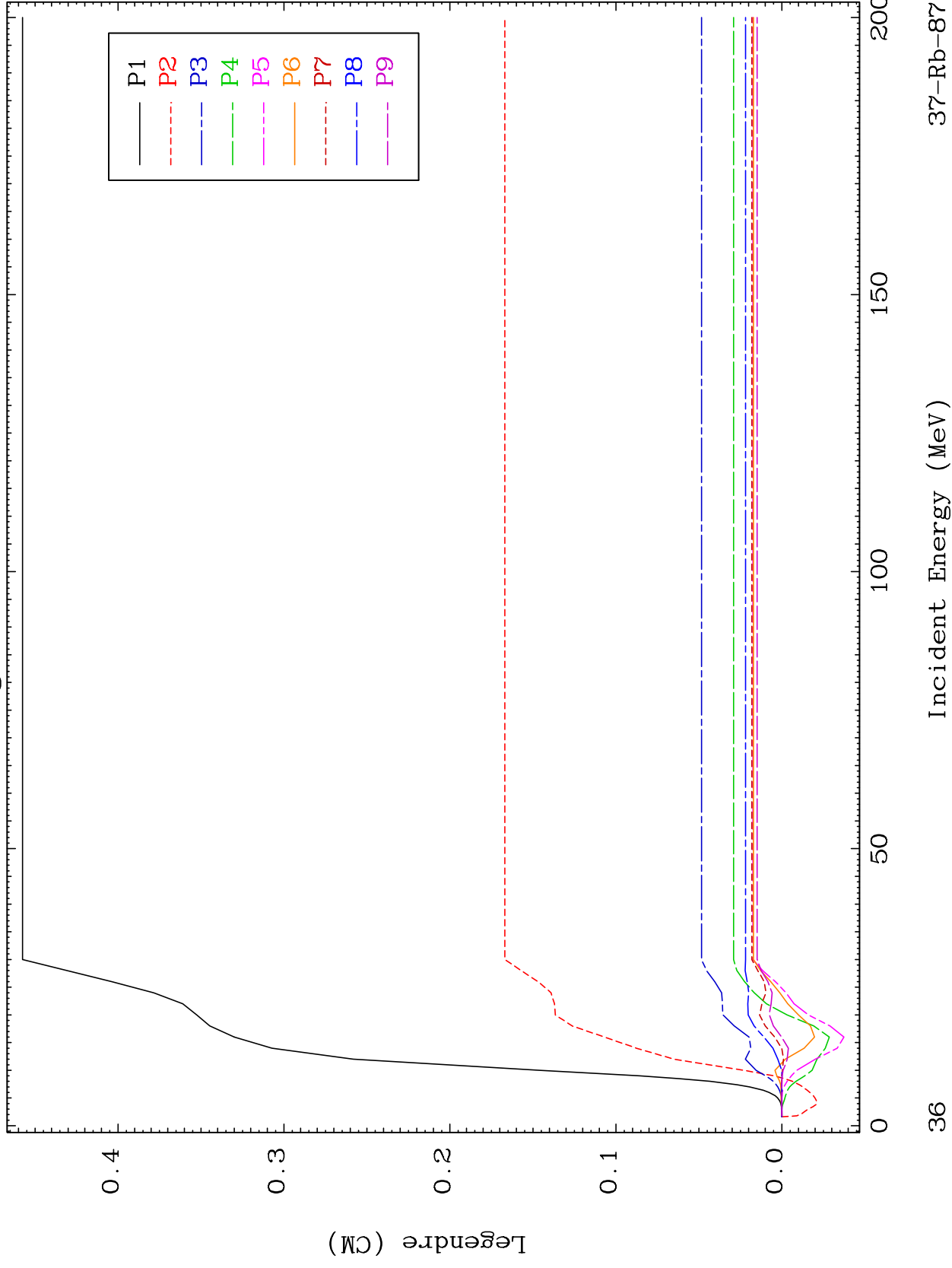




MAT 3731

1.578 MeV (n,n') Level
Legendre Coefficients

37-Rb-87



36

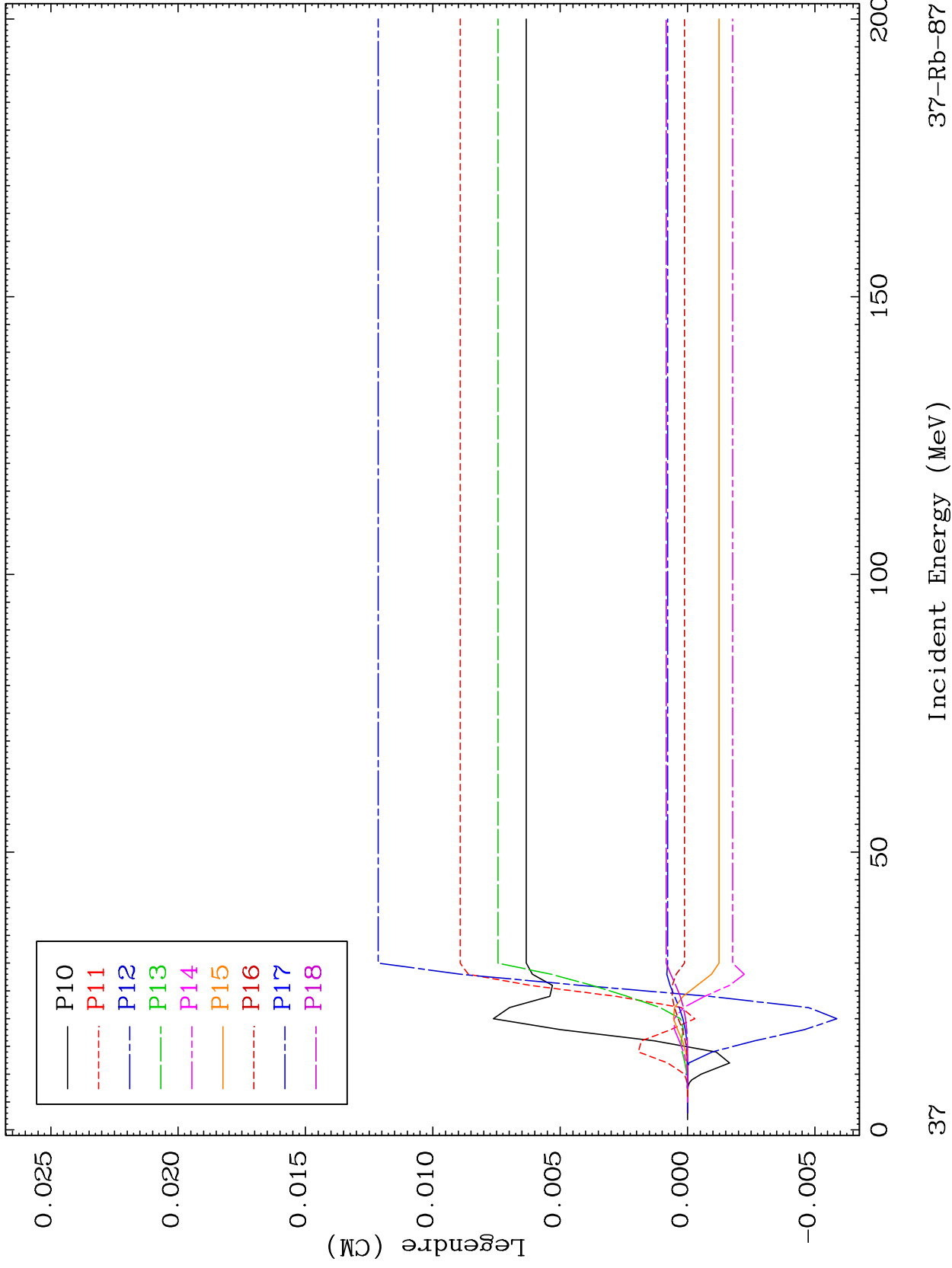
Incident Energy (MeV)

37-Rb-87

MAT 3731

1.578 MeV (n,n') Level
Legendre Coefficients

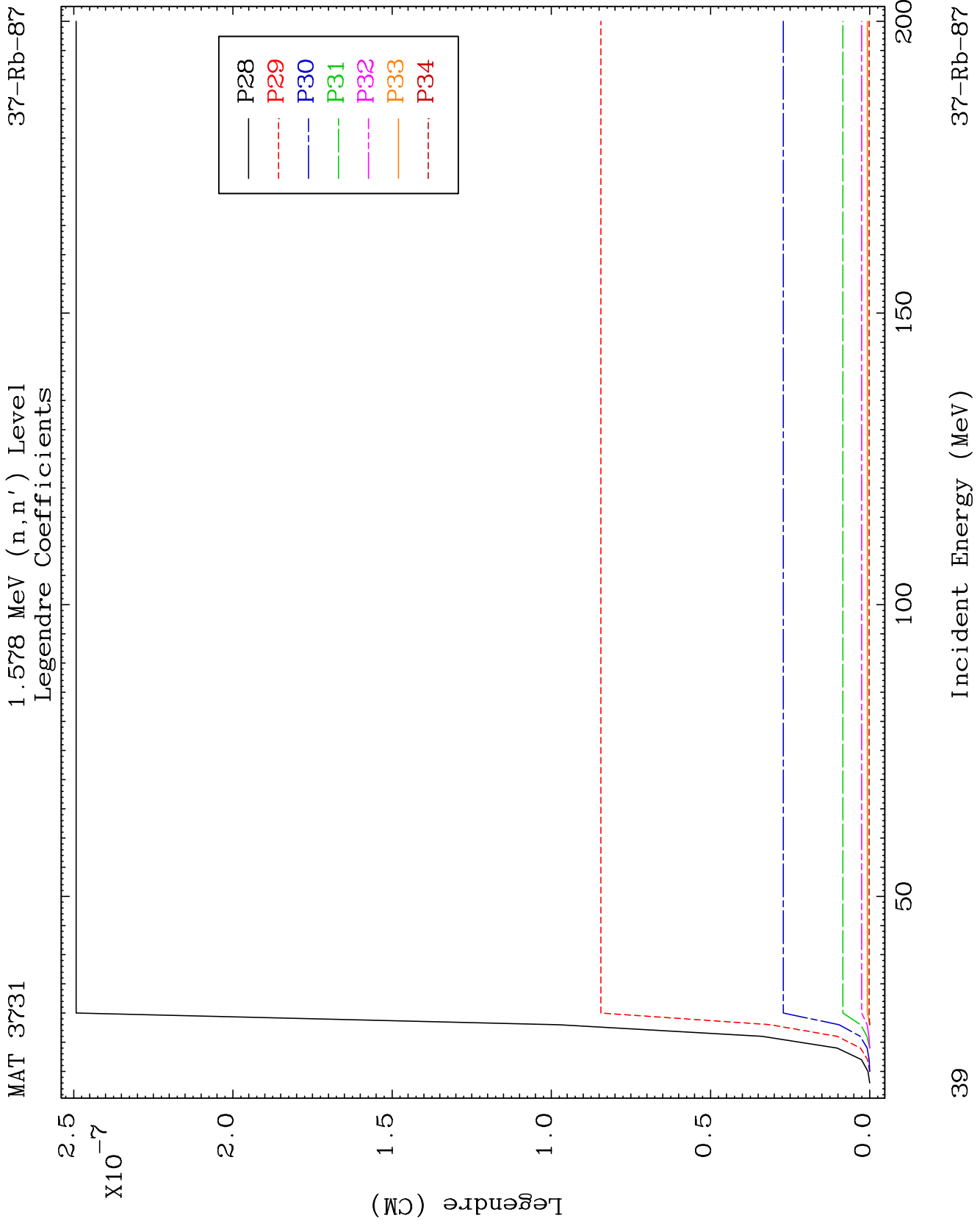
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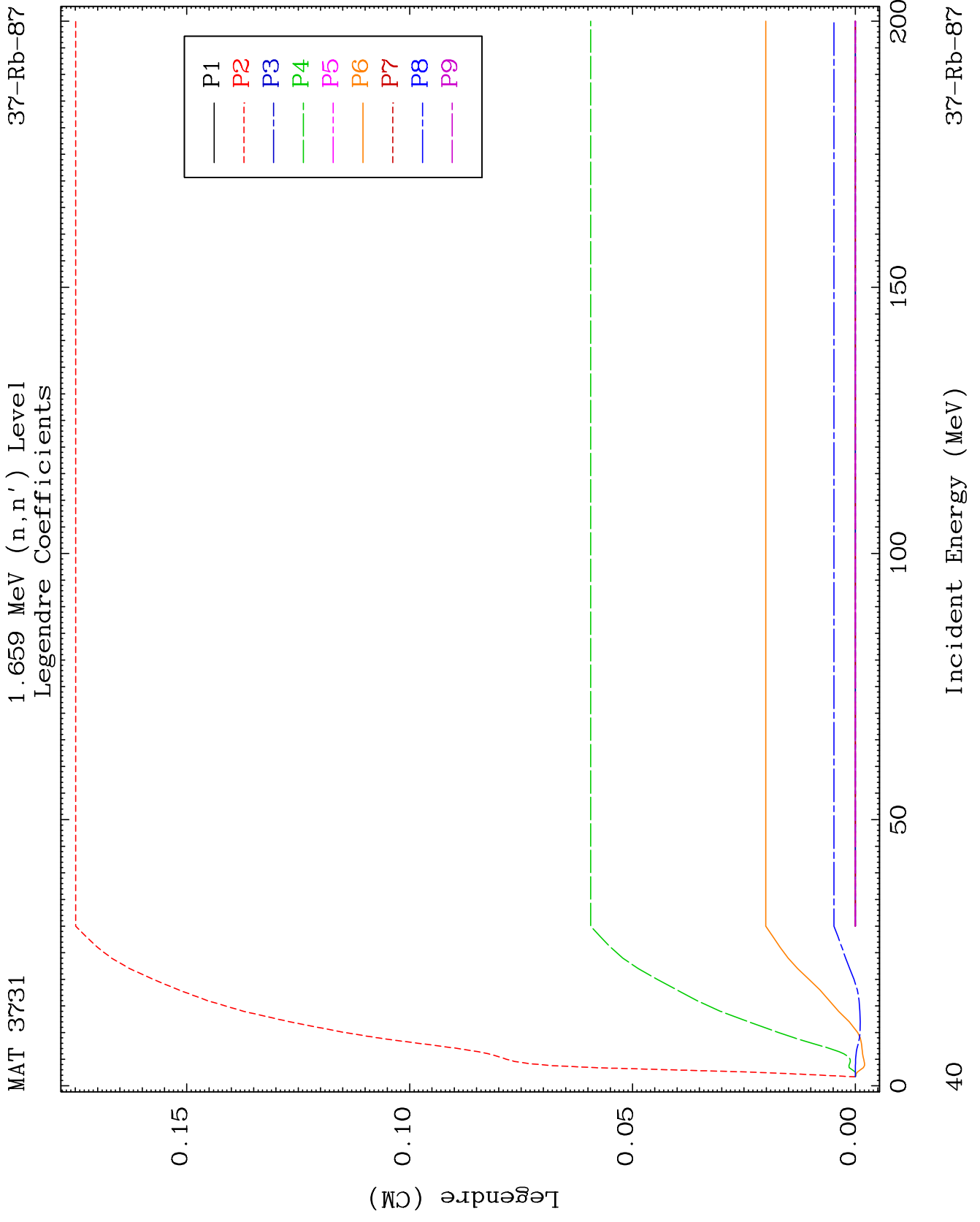


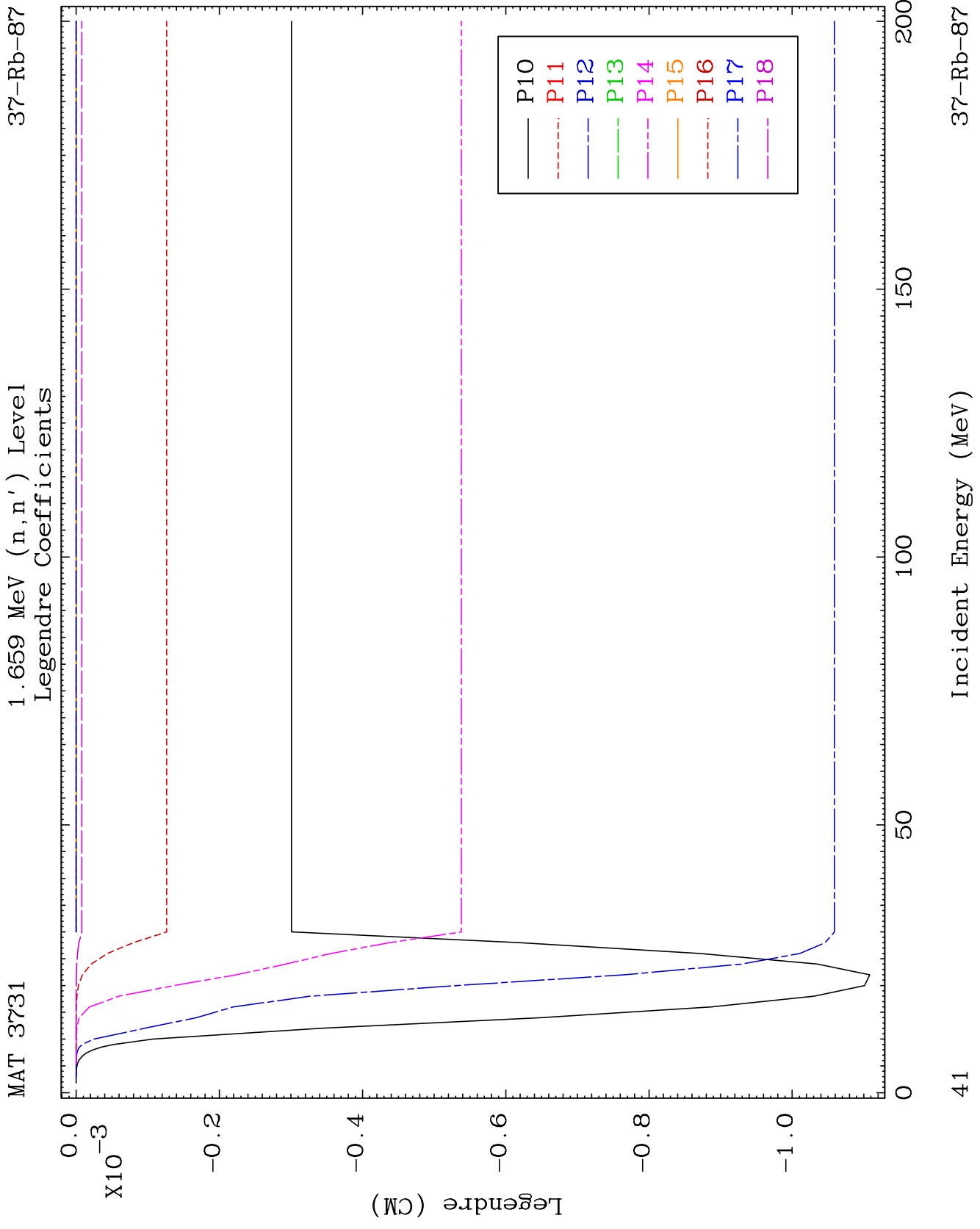
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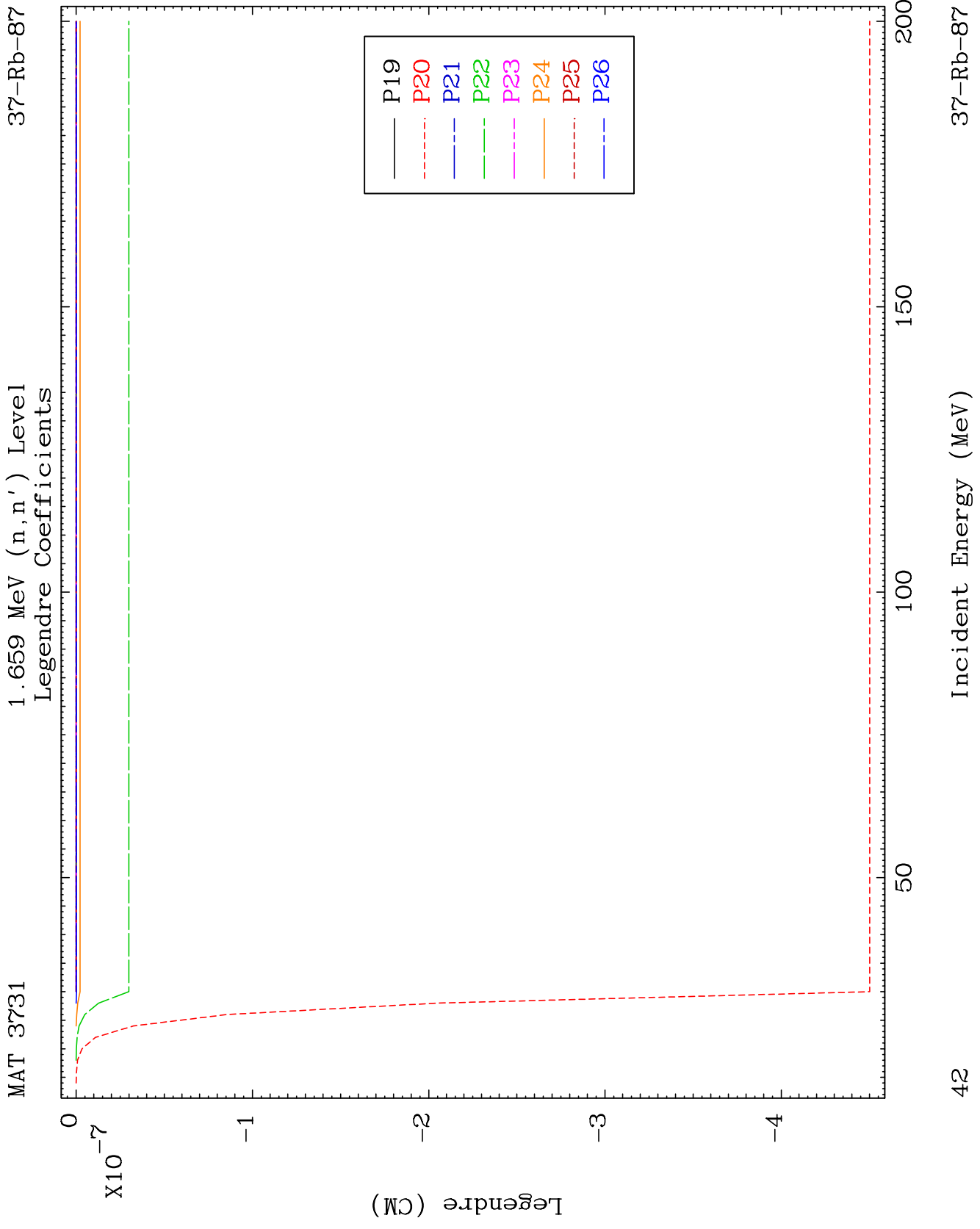
Incident Energy (MeV)

37-Rb-87





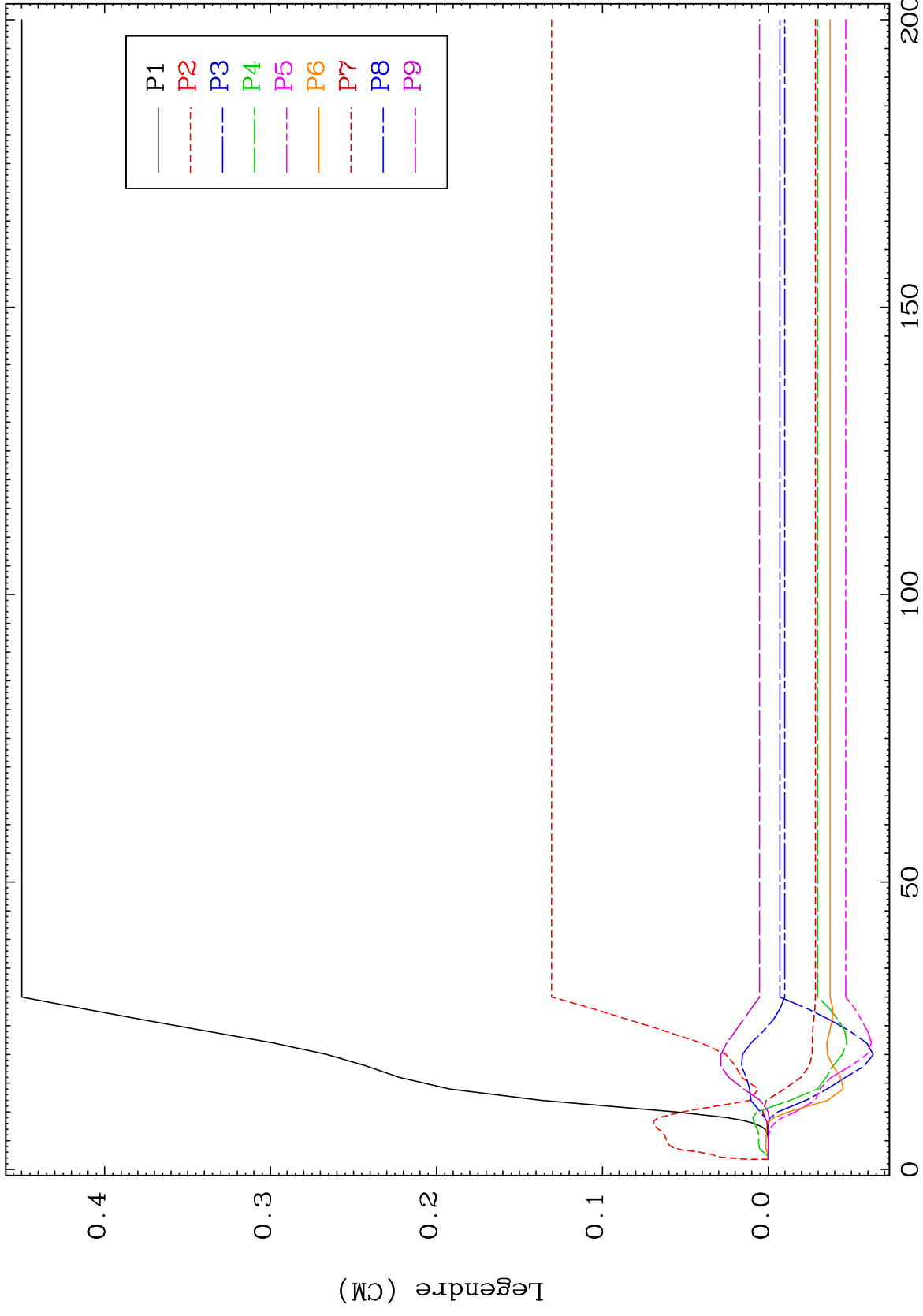




MAT 3731

1.741 MeV (n,n') Level
Legendre Coefficients

37-Rb-87



43

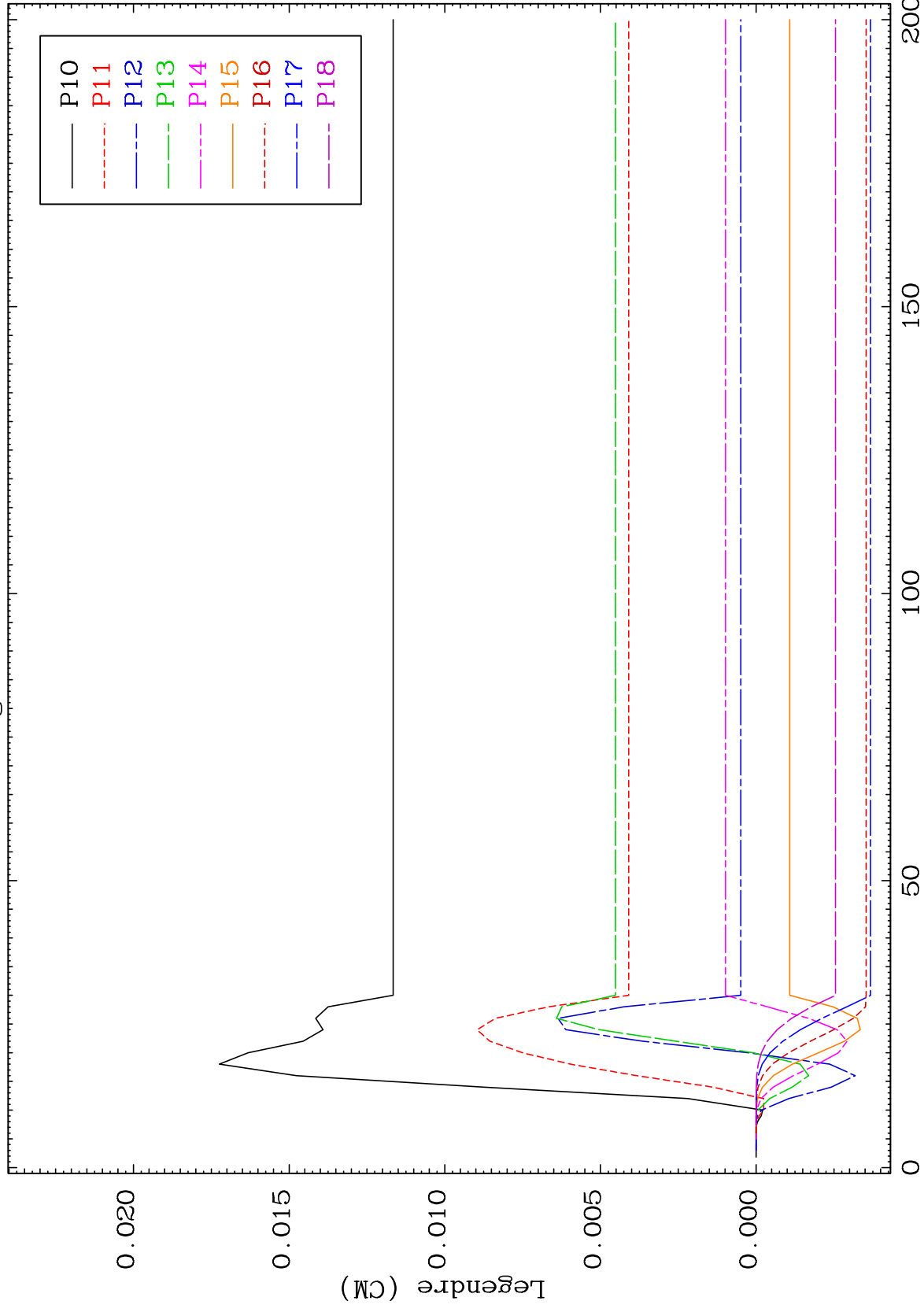
Incident Energy (MeV)

37-Rb-87

MAT 3731

1.741 MeV (n,n') Level
Legendre Coefficients

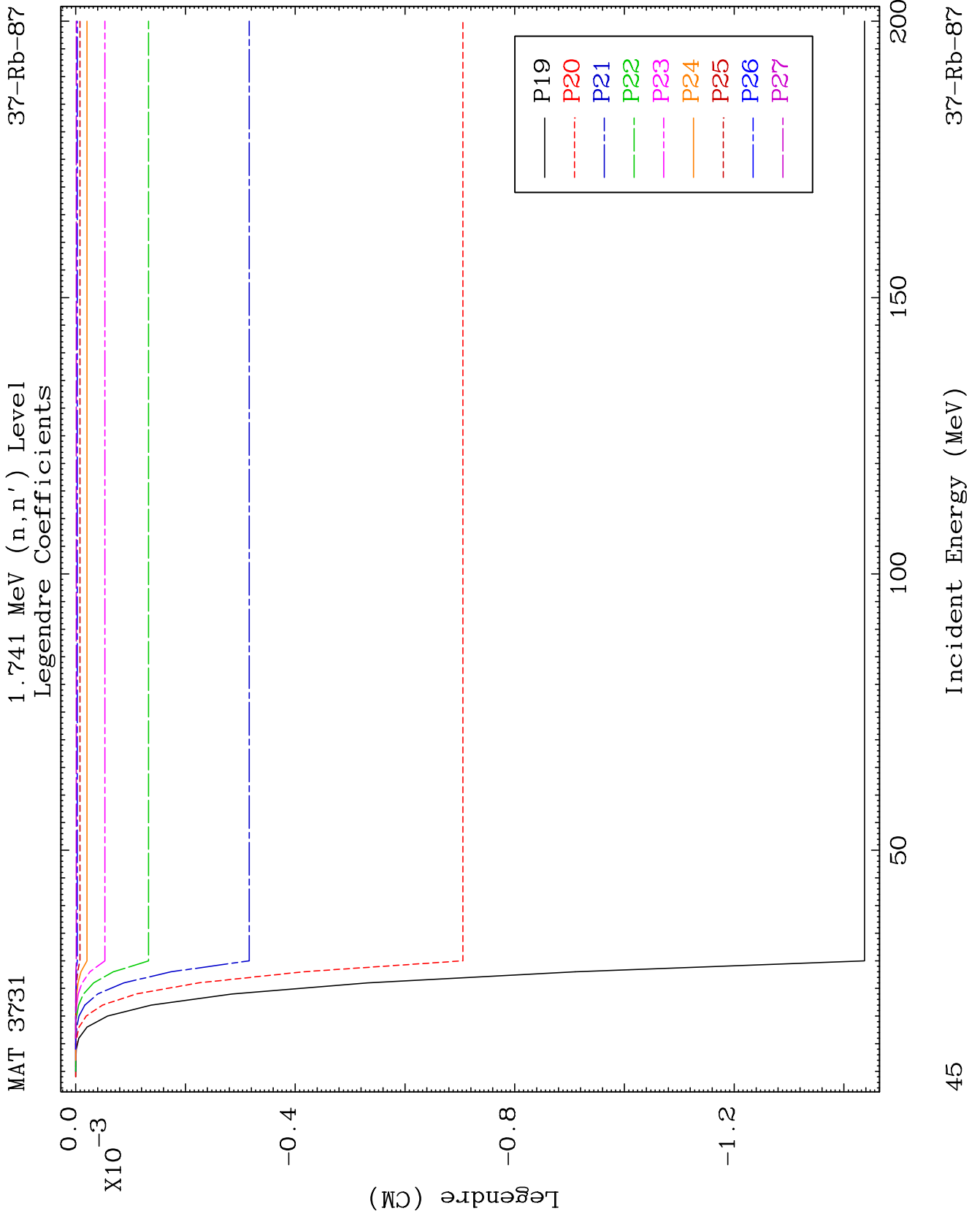
37-Rb-87

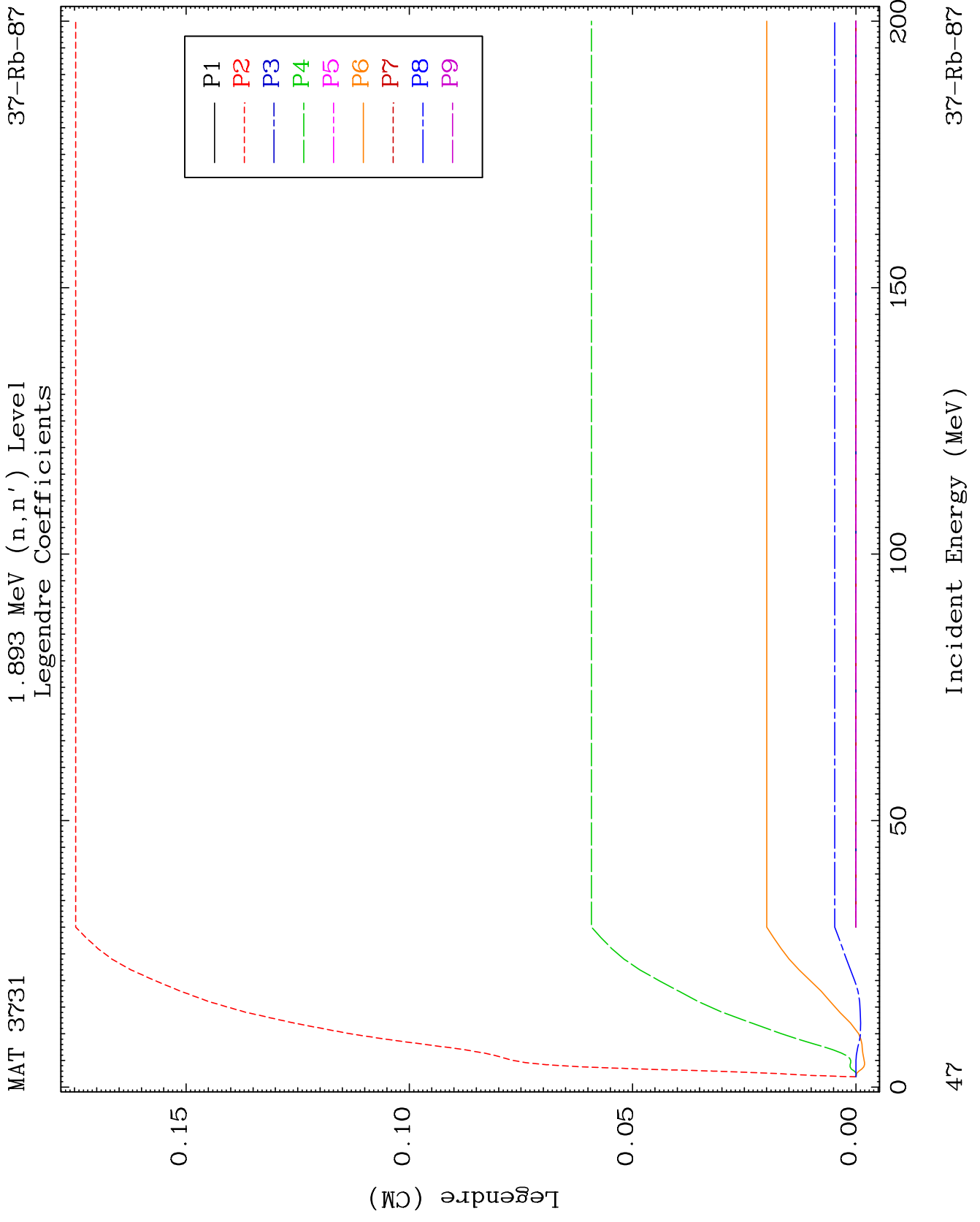


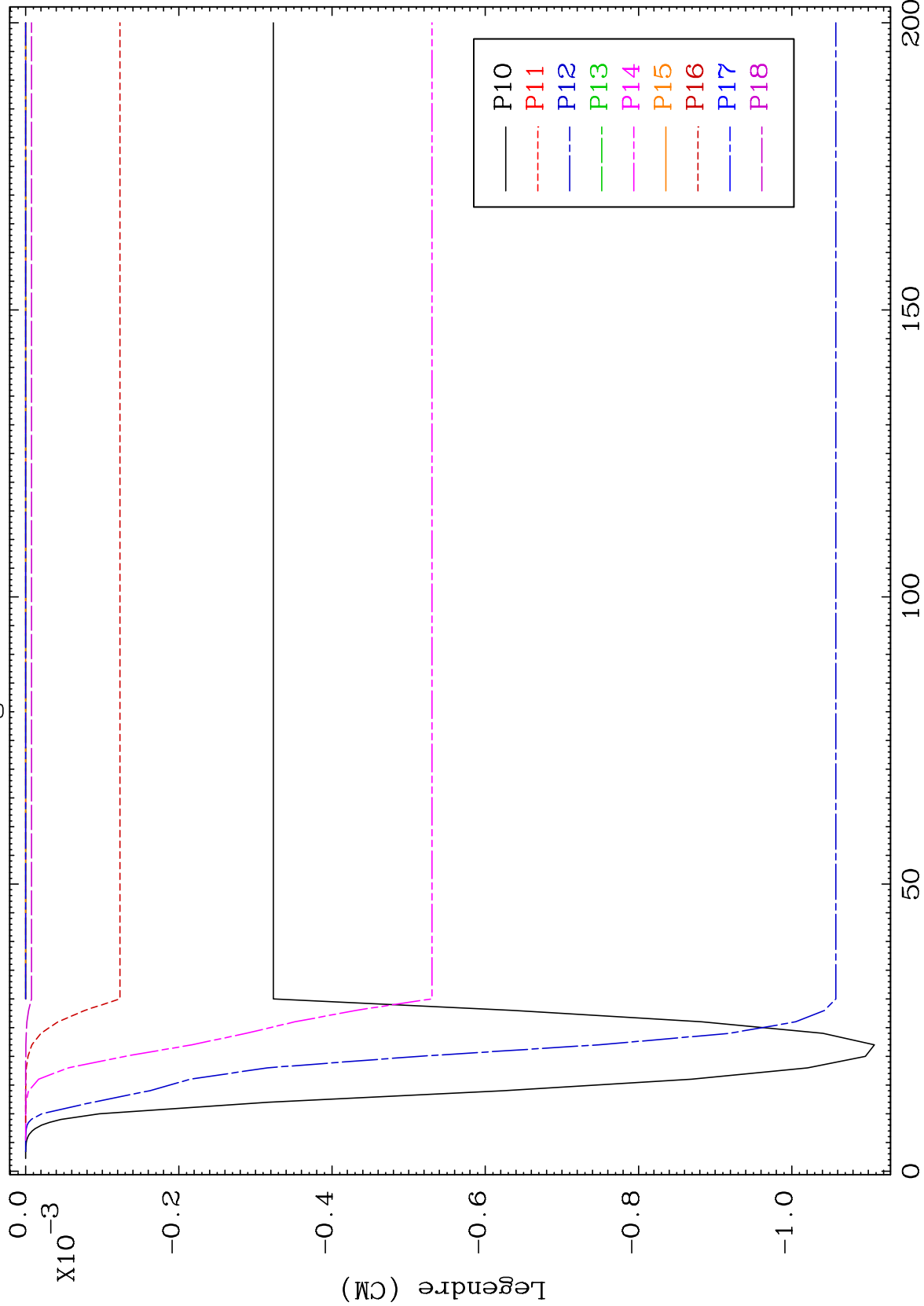
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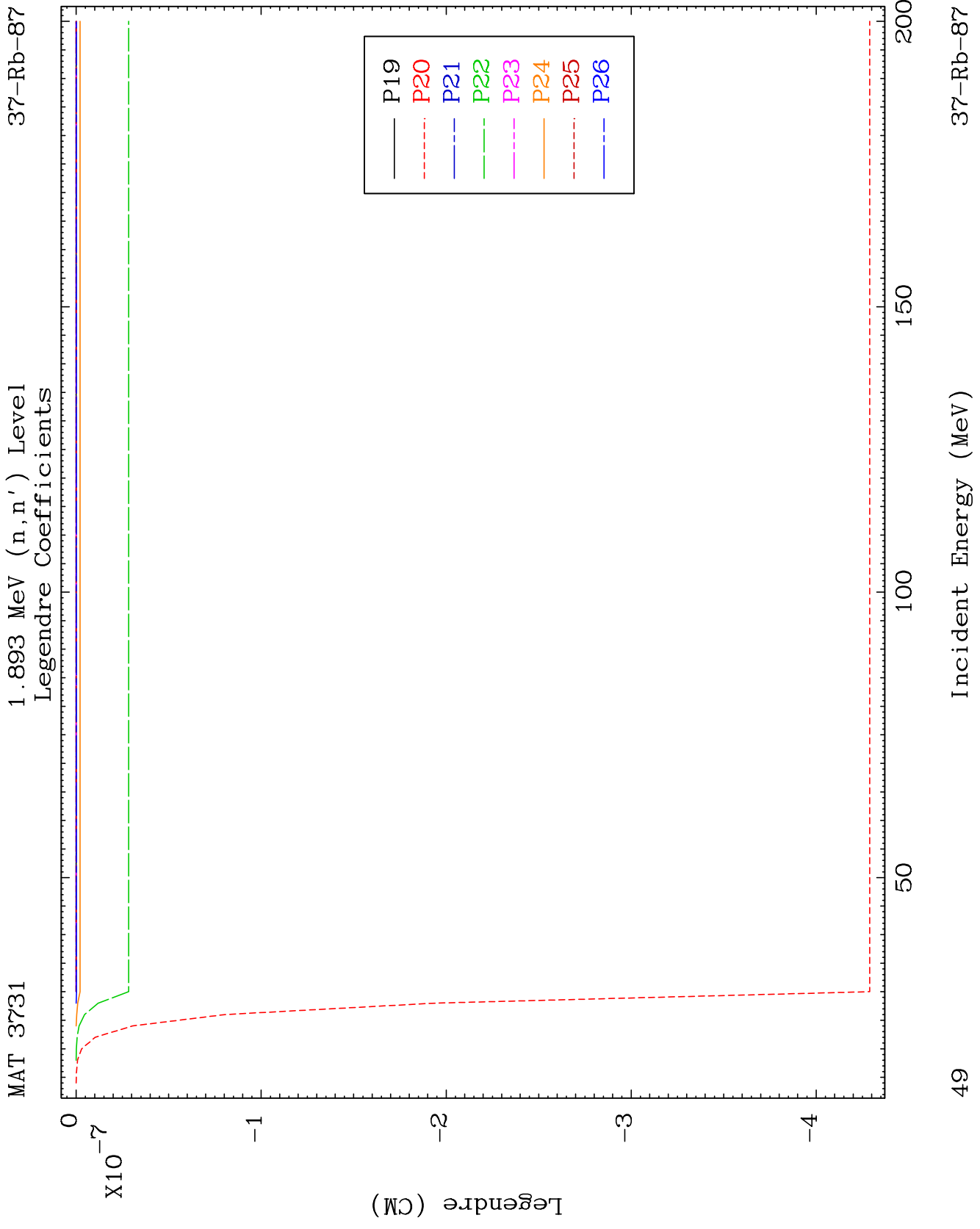
Incident Energy (MeV)

37-Rb-87





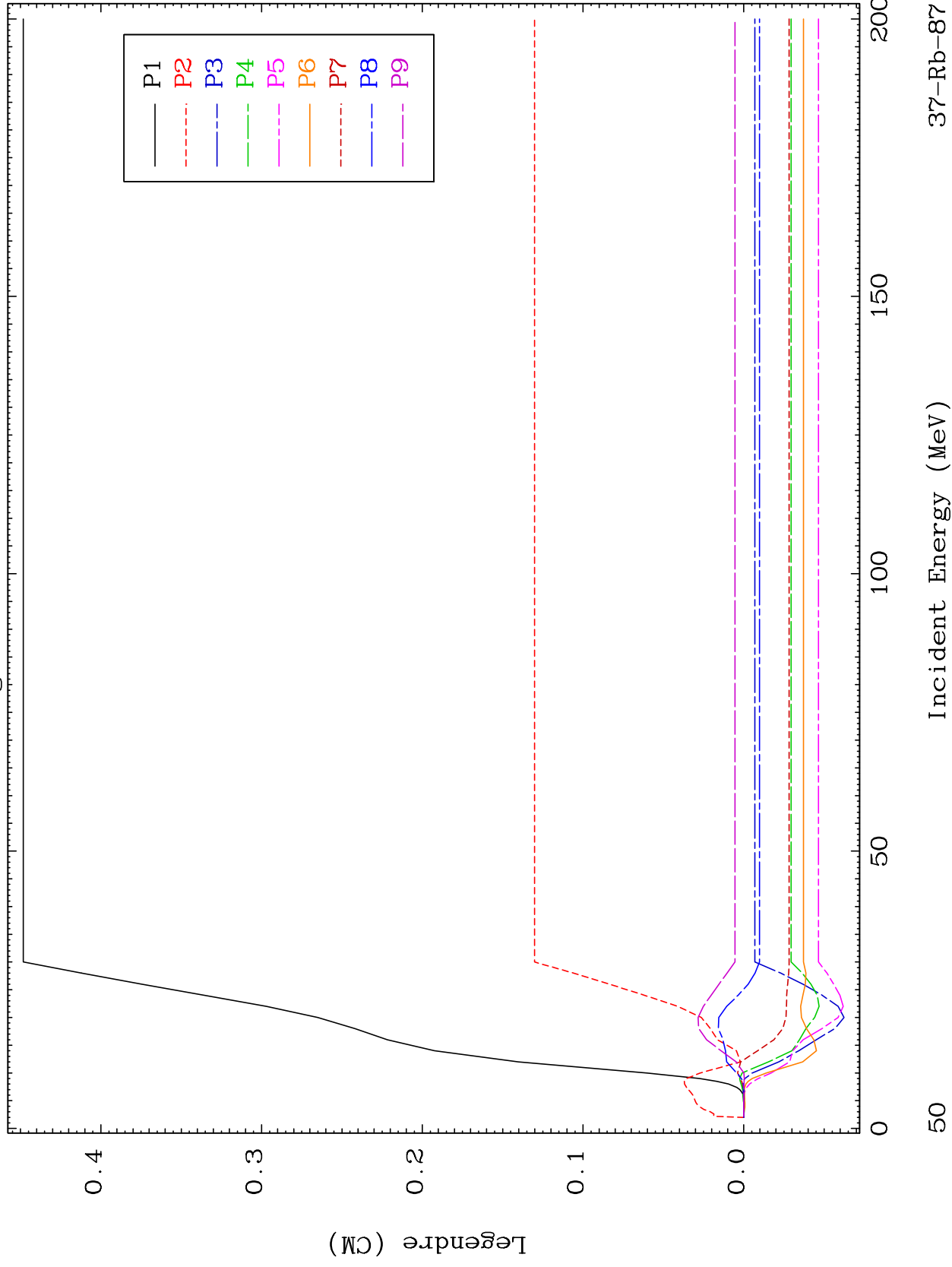




MAT 3731

1.950 MeV (n,n') Level
Legendre Coefficients

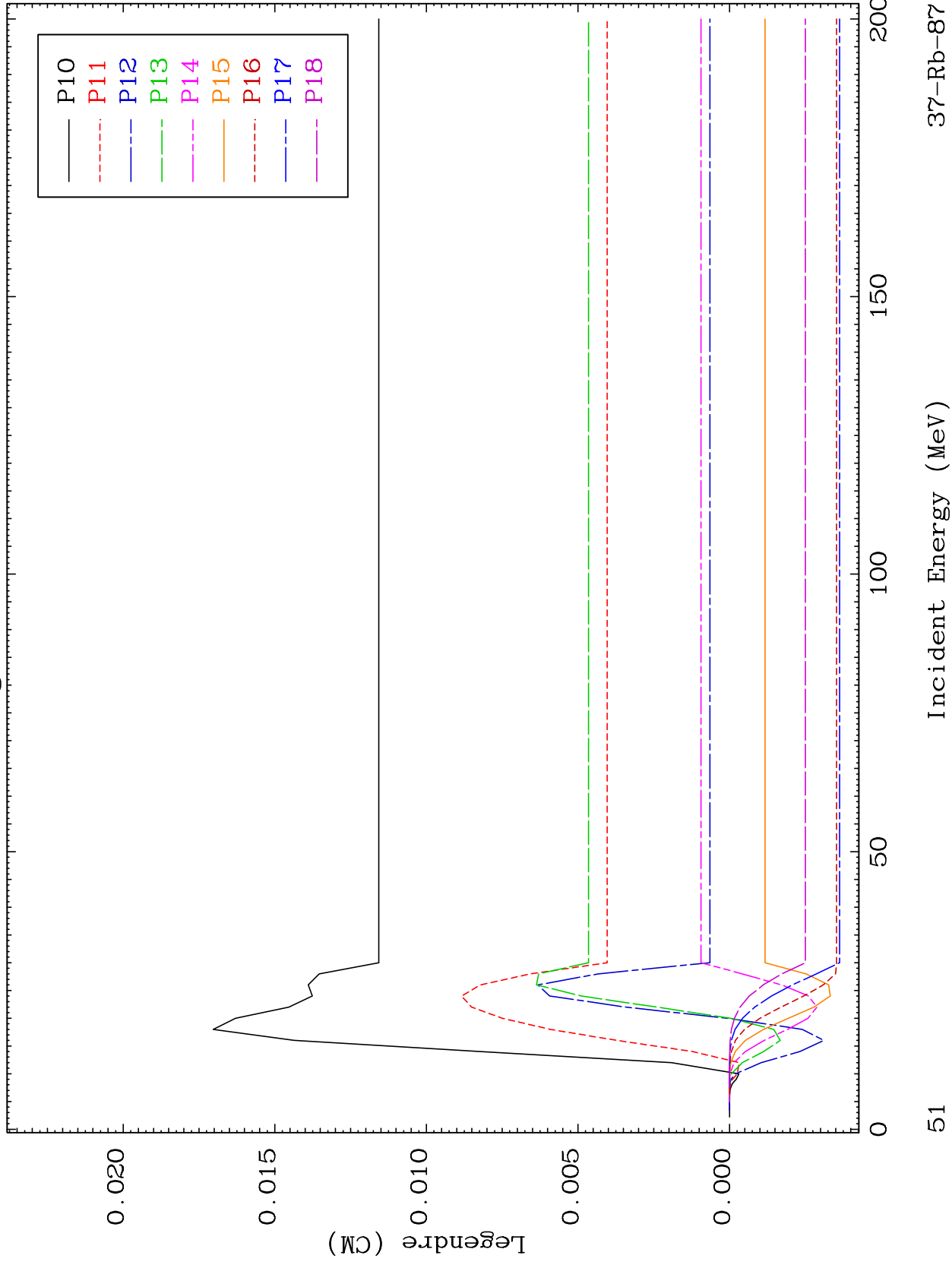
37-Rb-87



MAT 3731

1.950 MeV (n,n') Level
Legendre Coefficients

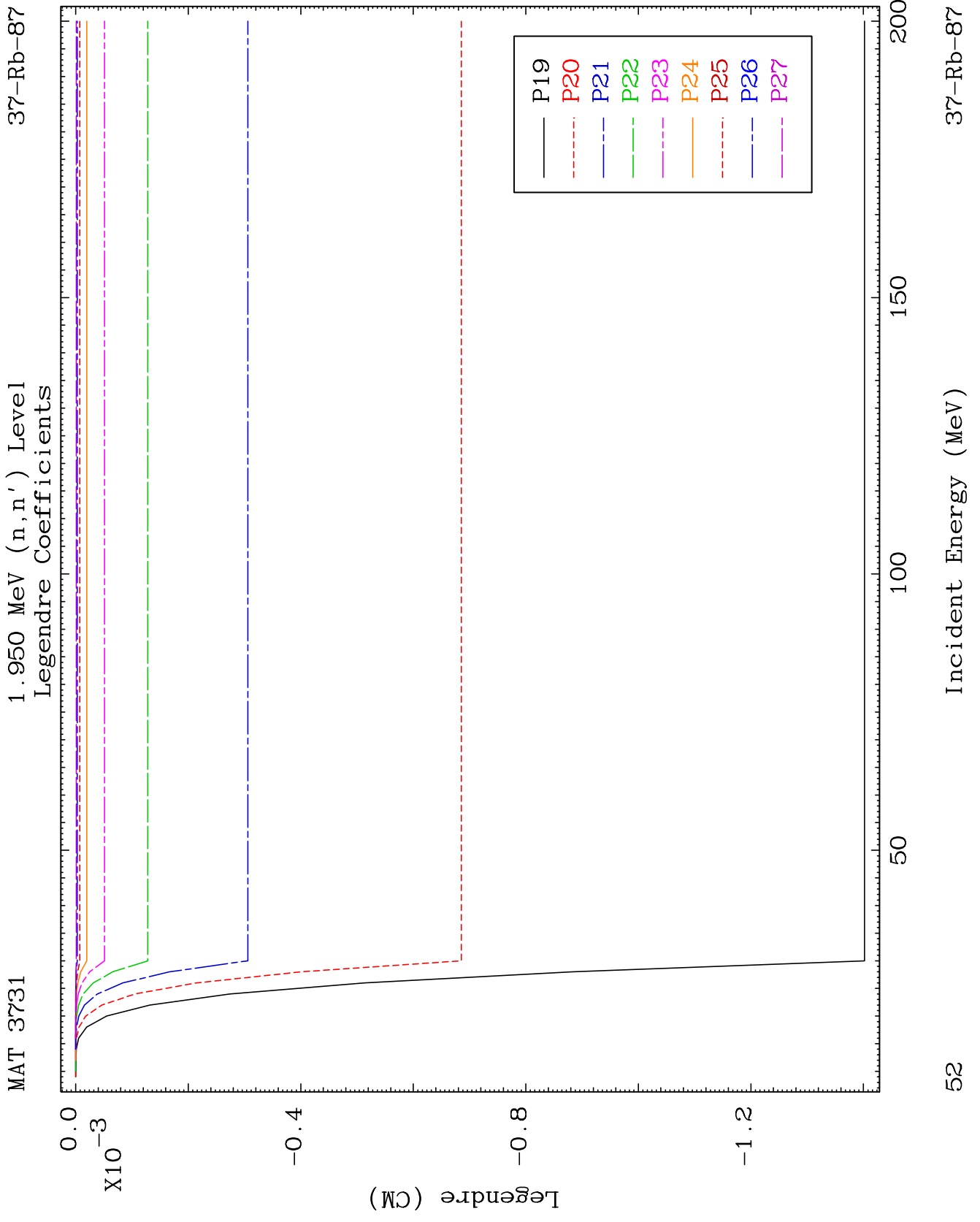
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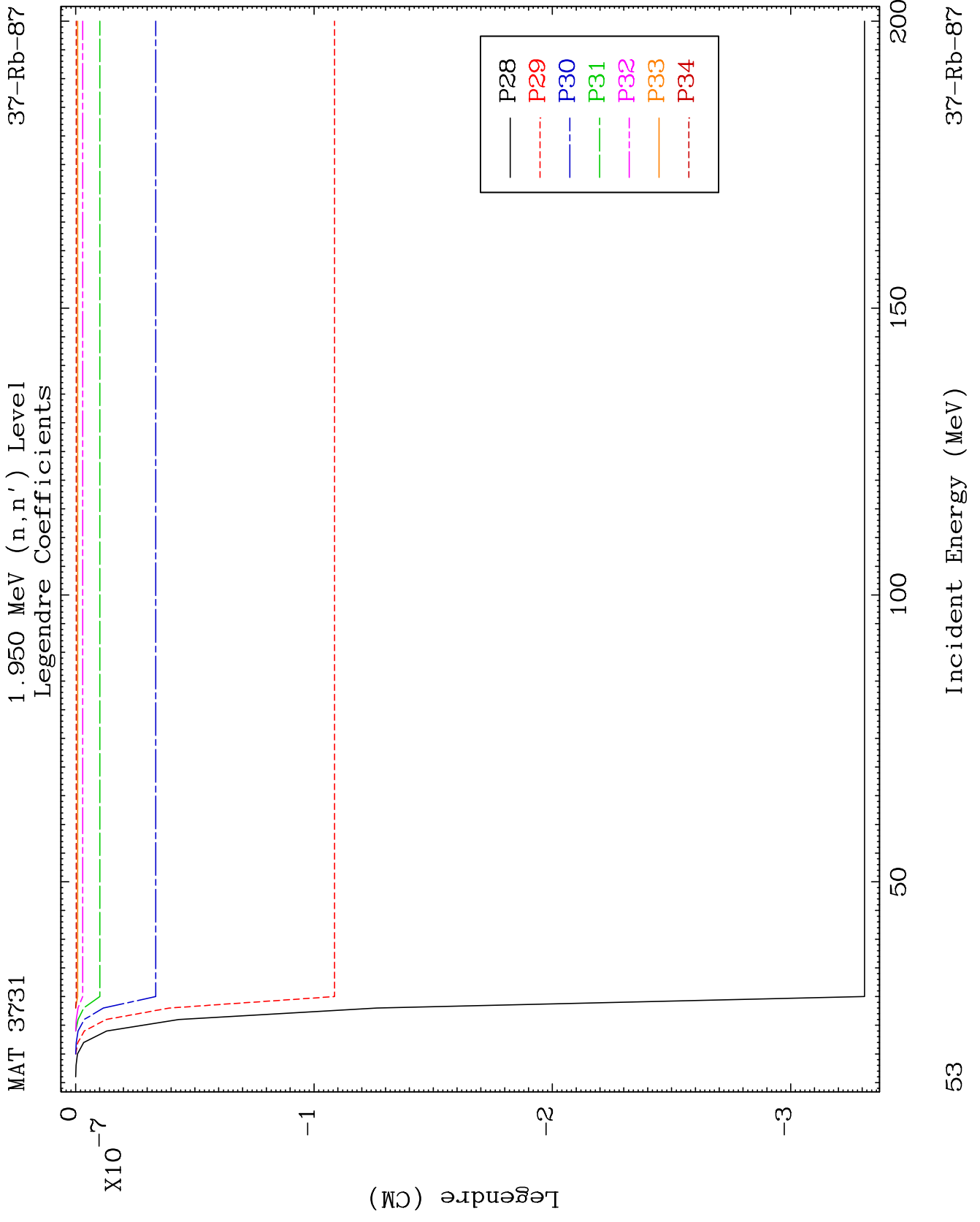


51

Incident Energy (MeV)

37-Rb-87

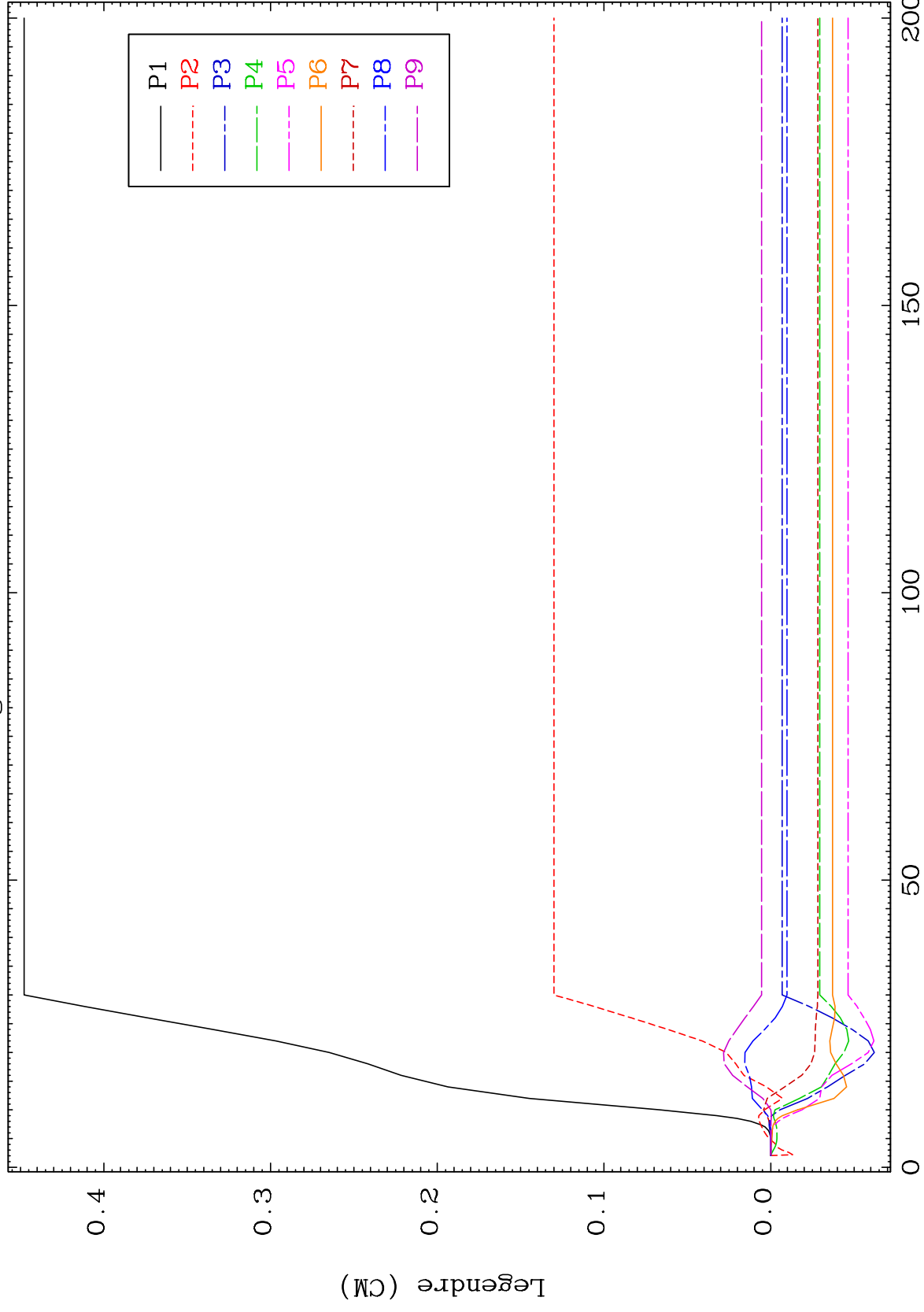




MAT 3731

2.013 MeV (n,n') Level
Legendre Coefficients

37-Rb-87



54

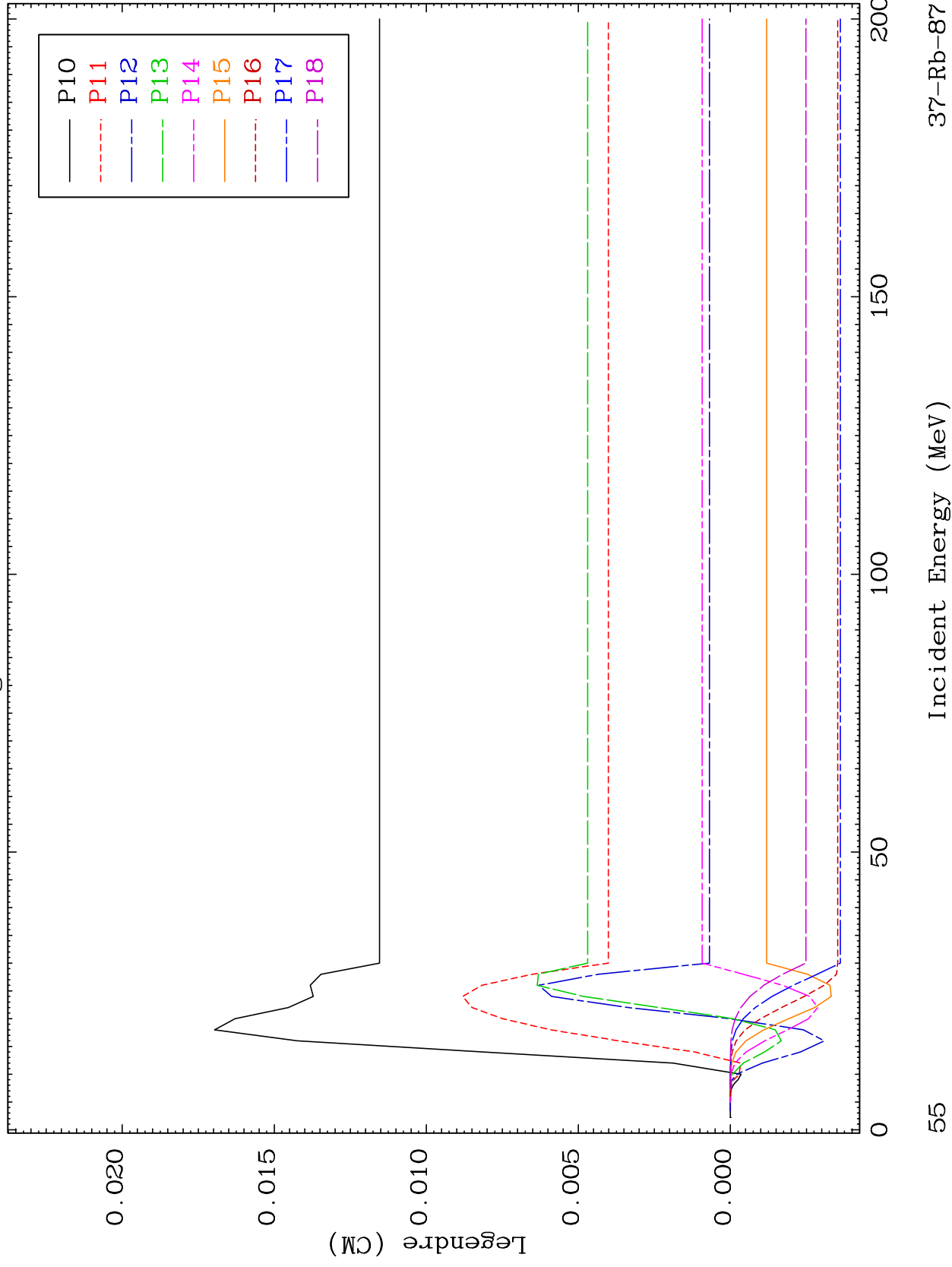
Incident Energy (MeV)

37-Rb-87

MAT 3731

2.013 MeV (n,n') Level
Legendre Coefficients

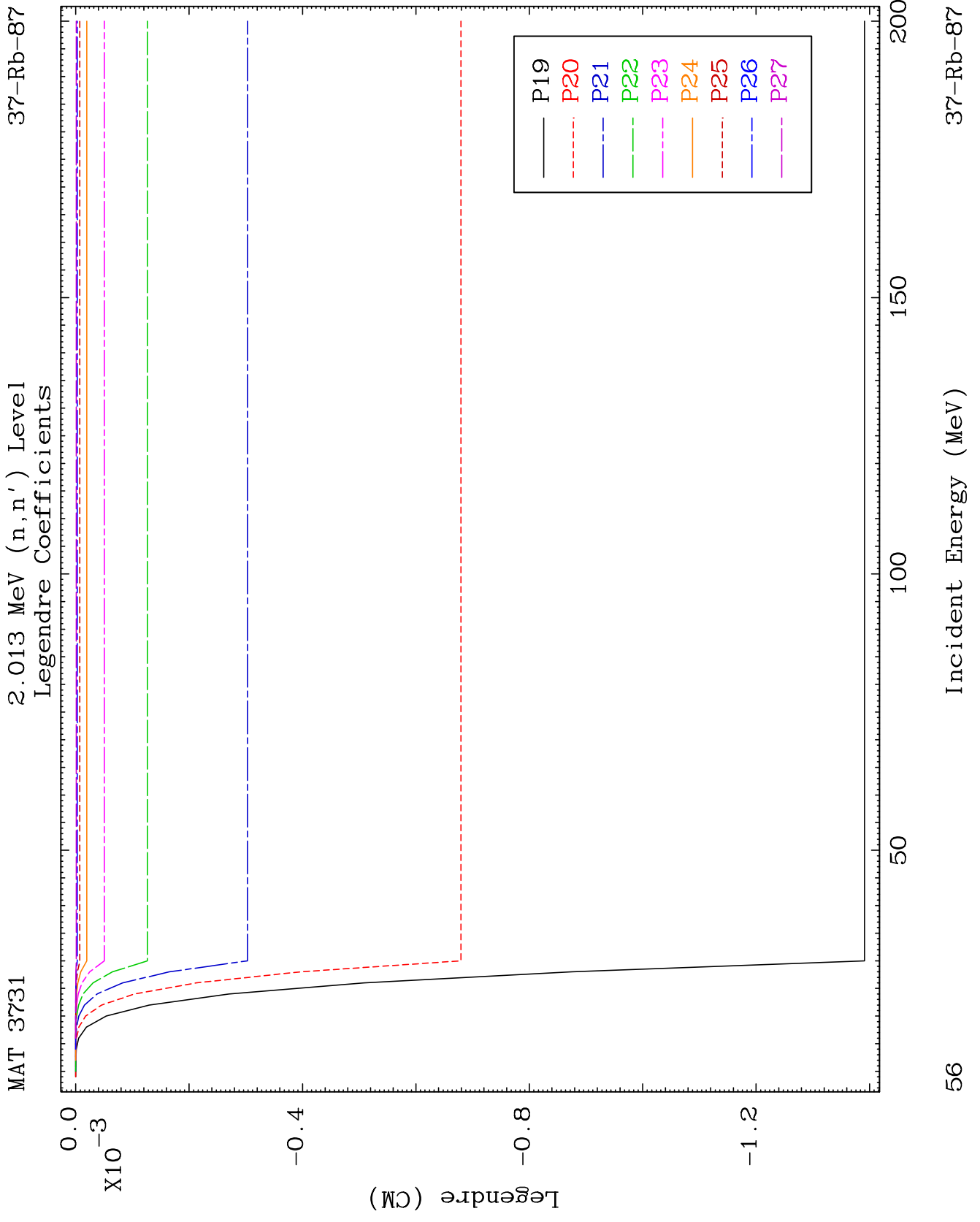
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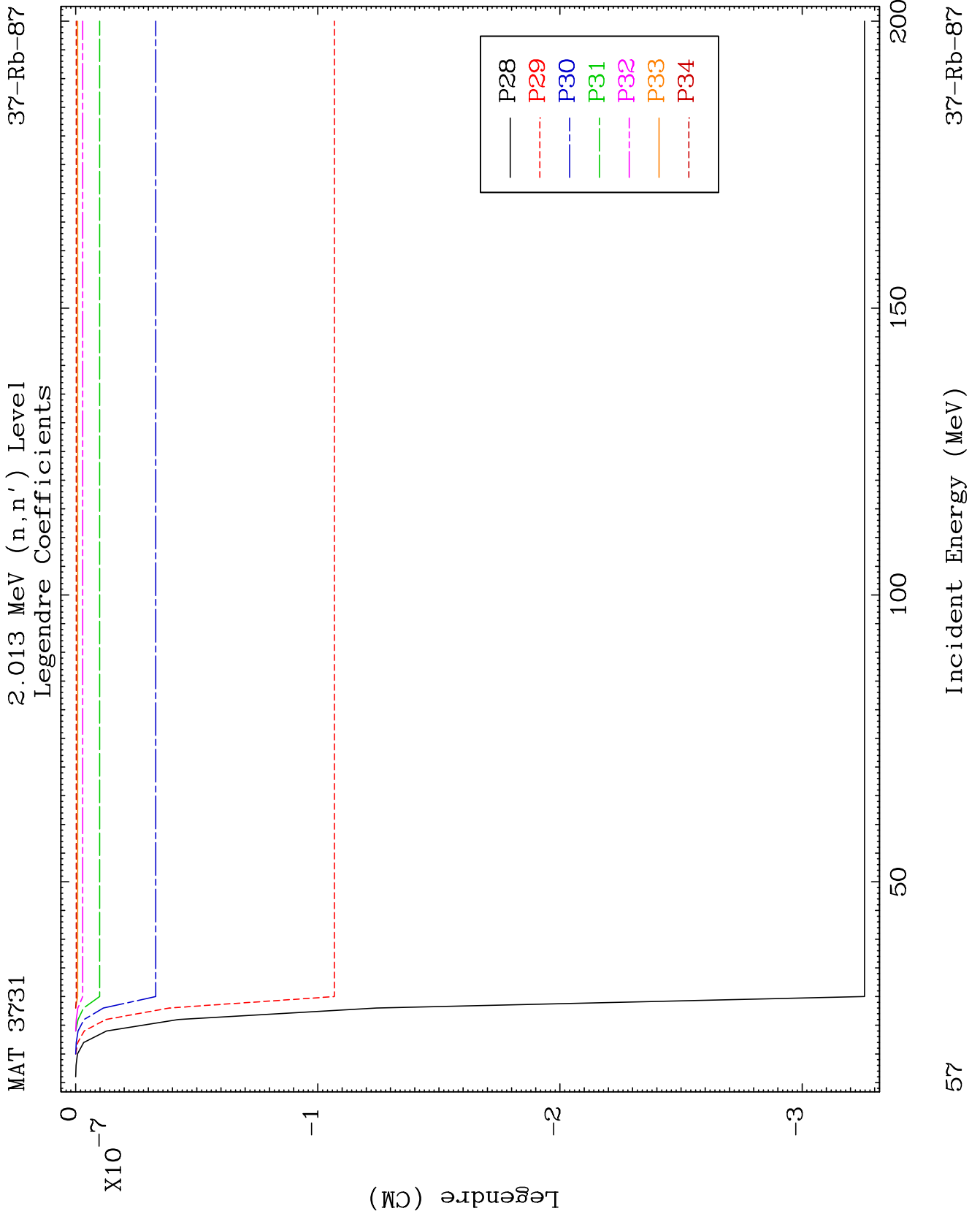


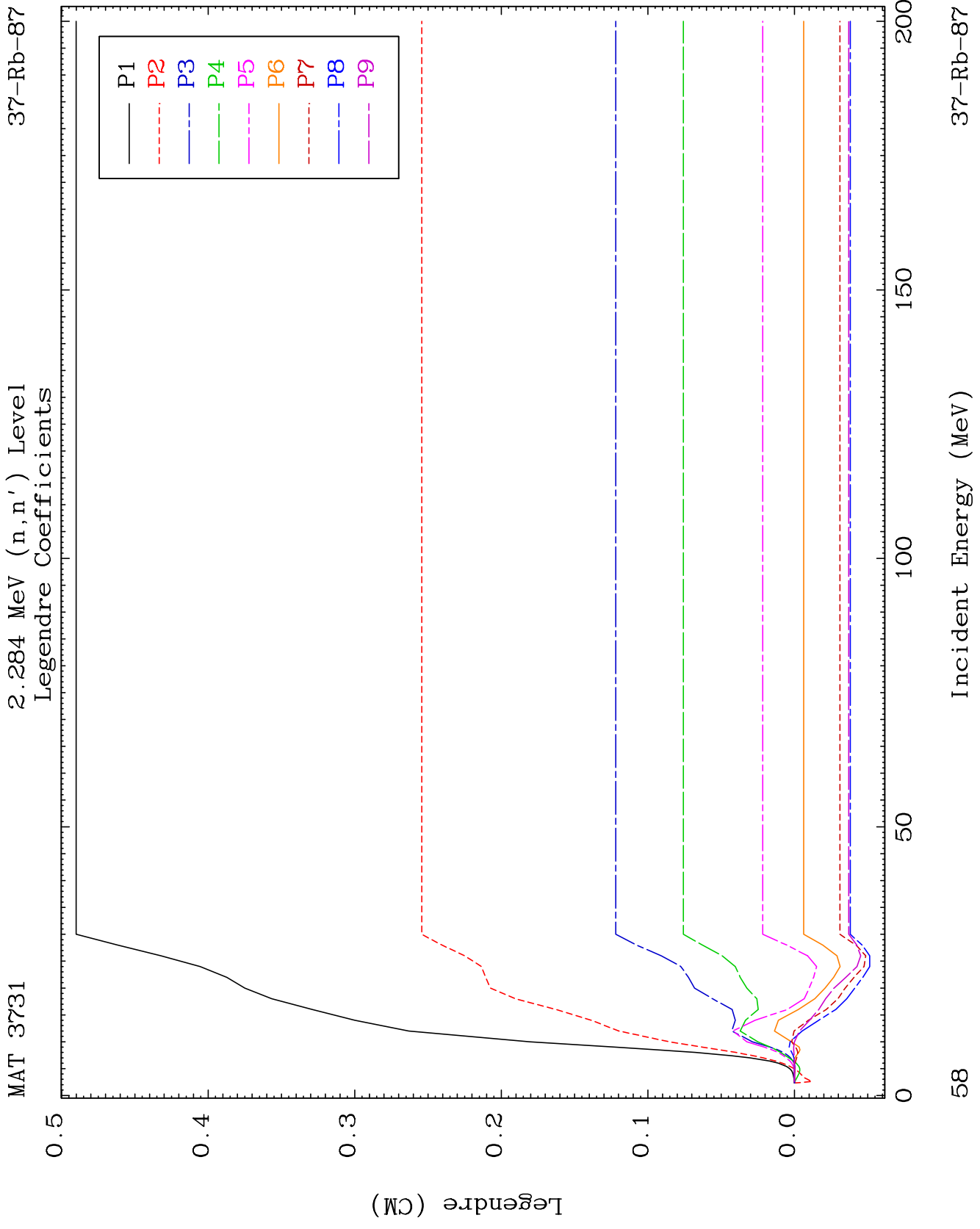
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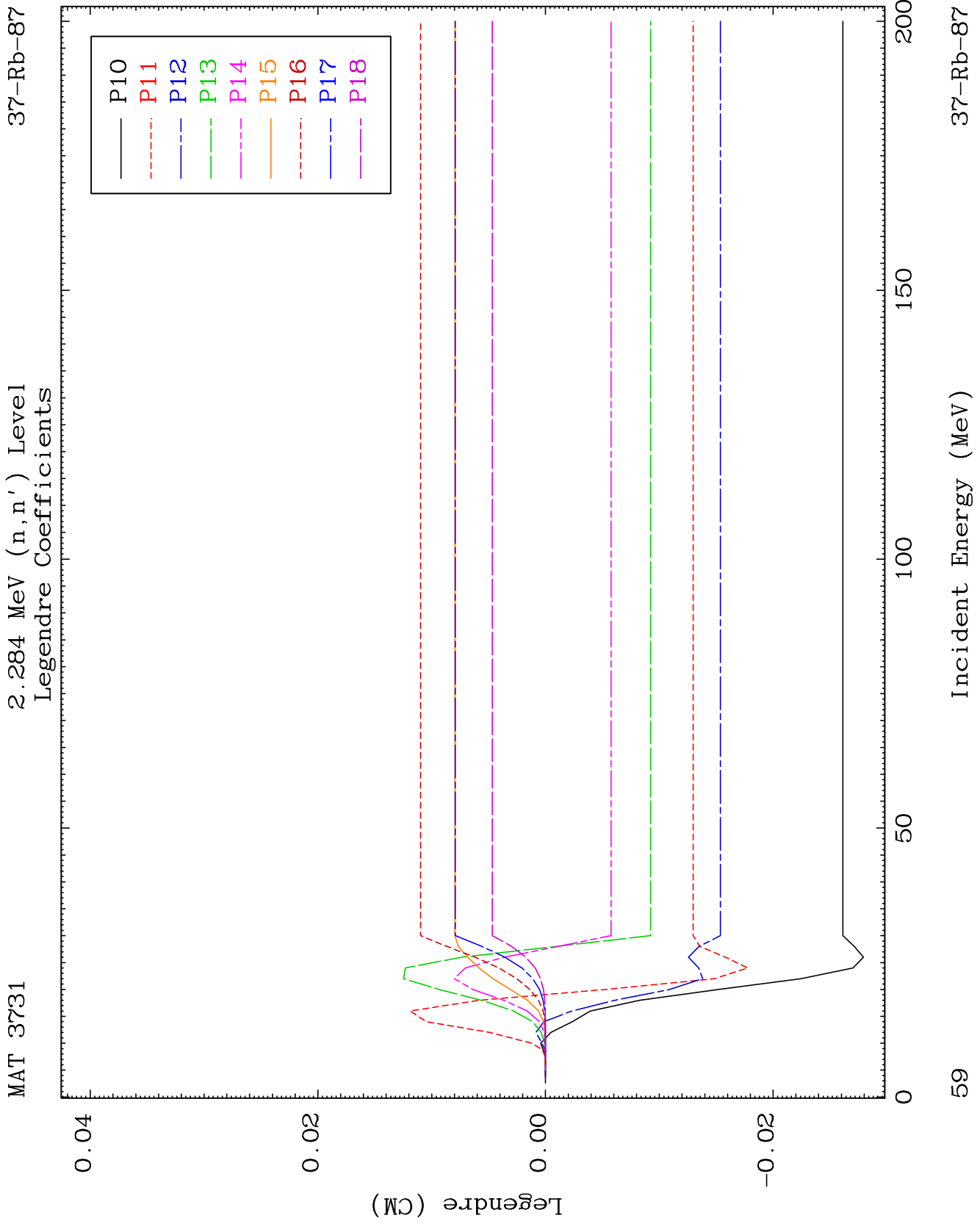
Incident Energy (MeV)

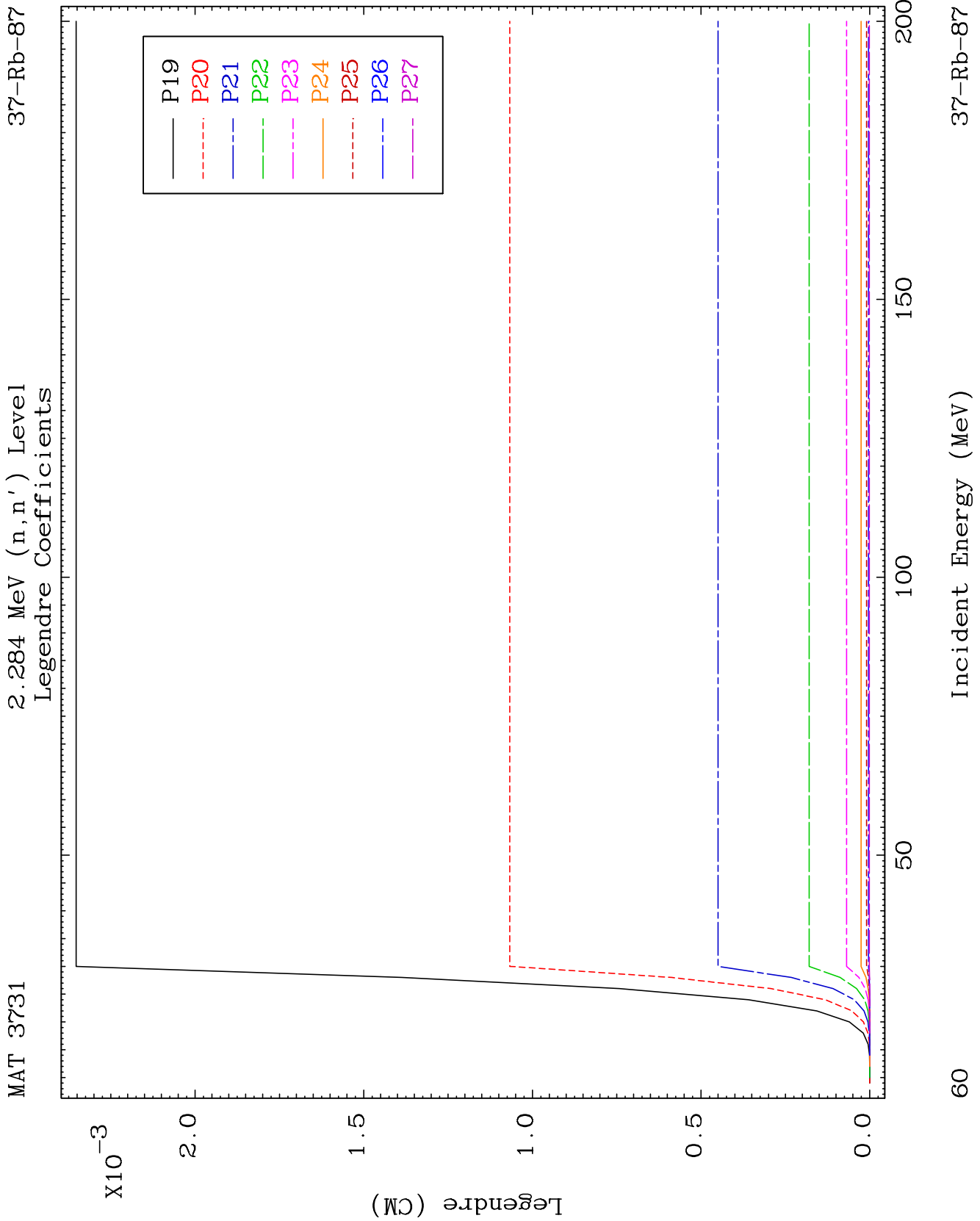
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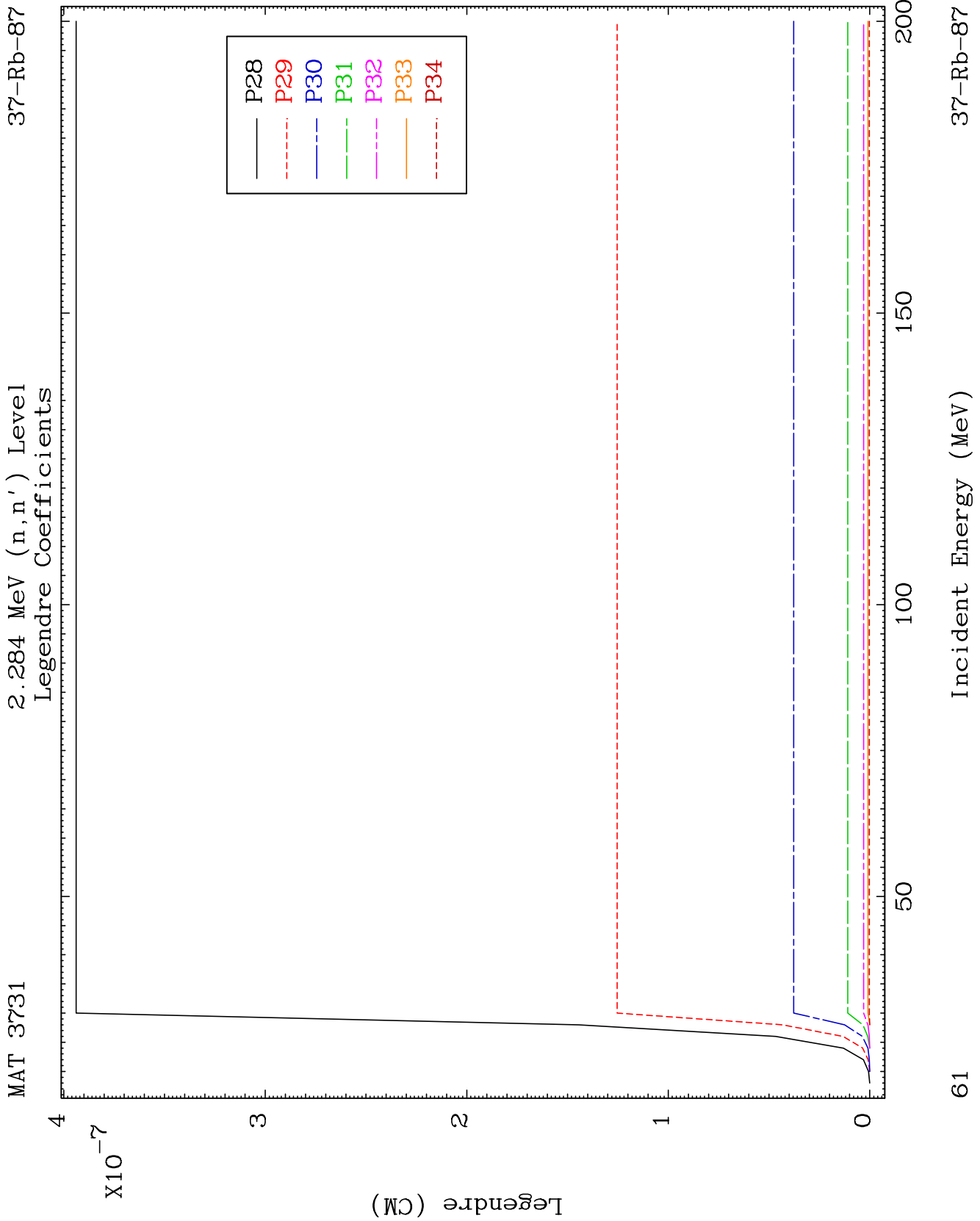








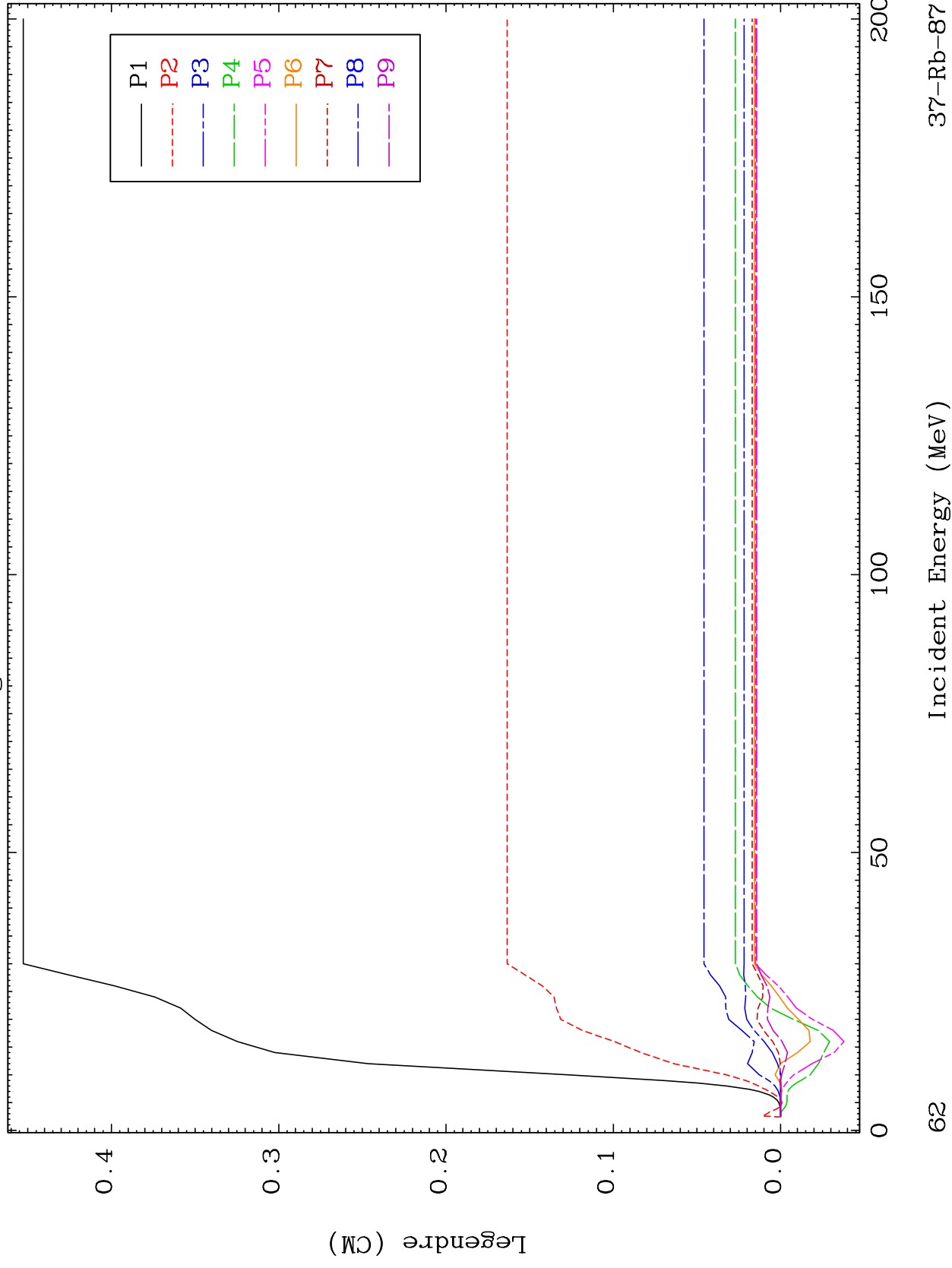




MAT 3731

2.378 MeV (n,n') Level
Legendre Coefficients

37-Rb-87



62

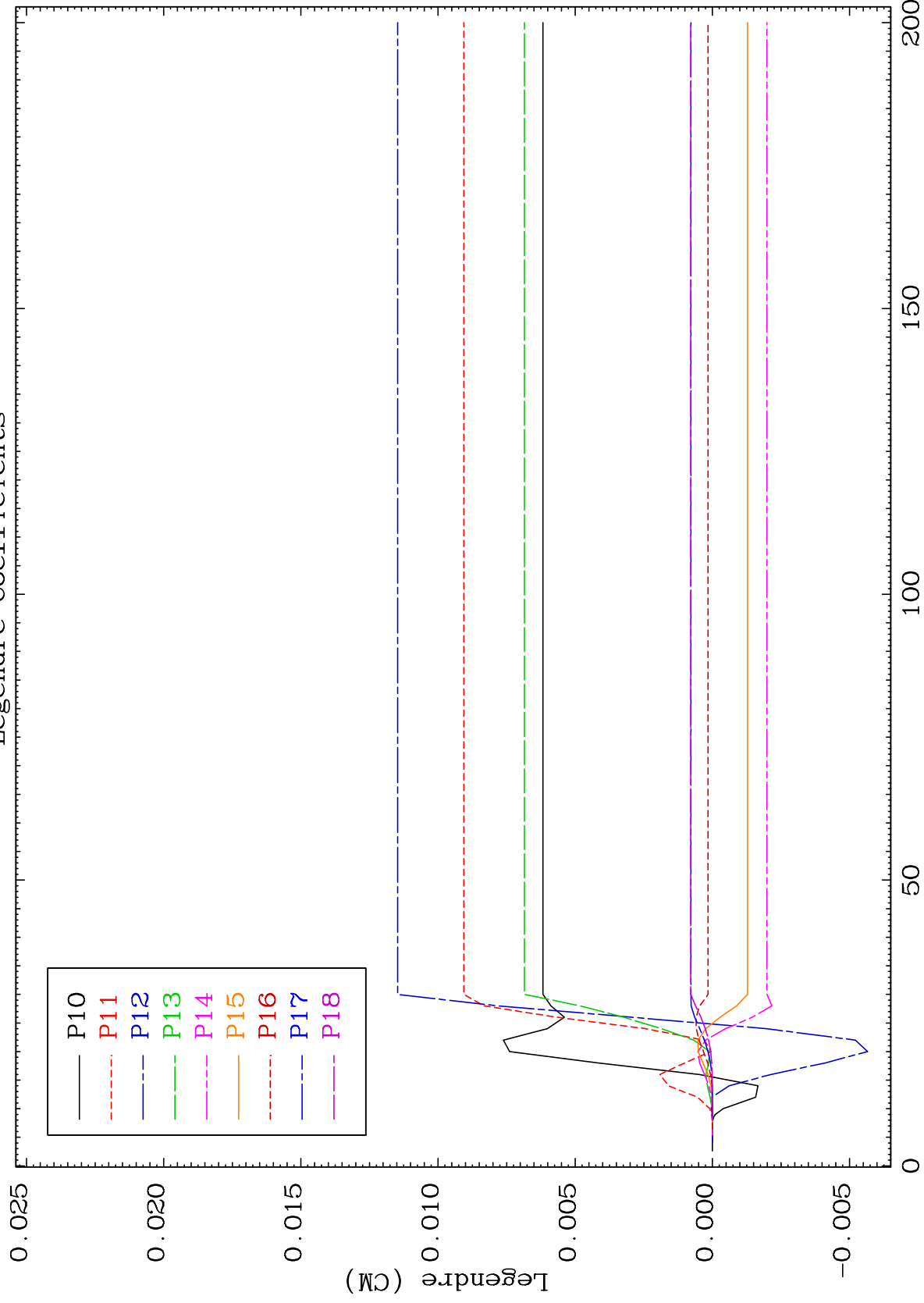
Incident Energy (MeV)

37-Rb-87

MAT 3731

2.378 MeV (n,n') Level
Legendre Coefficients

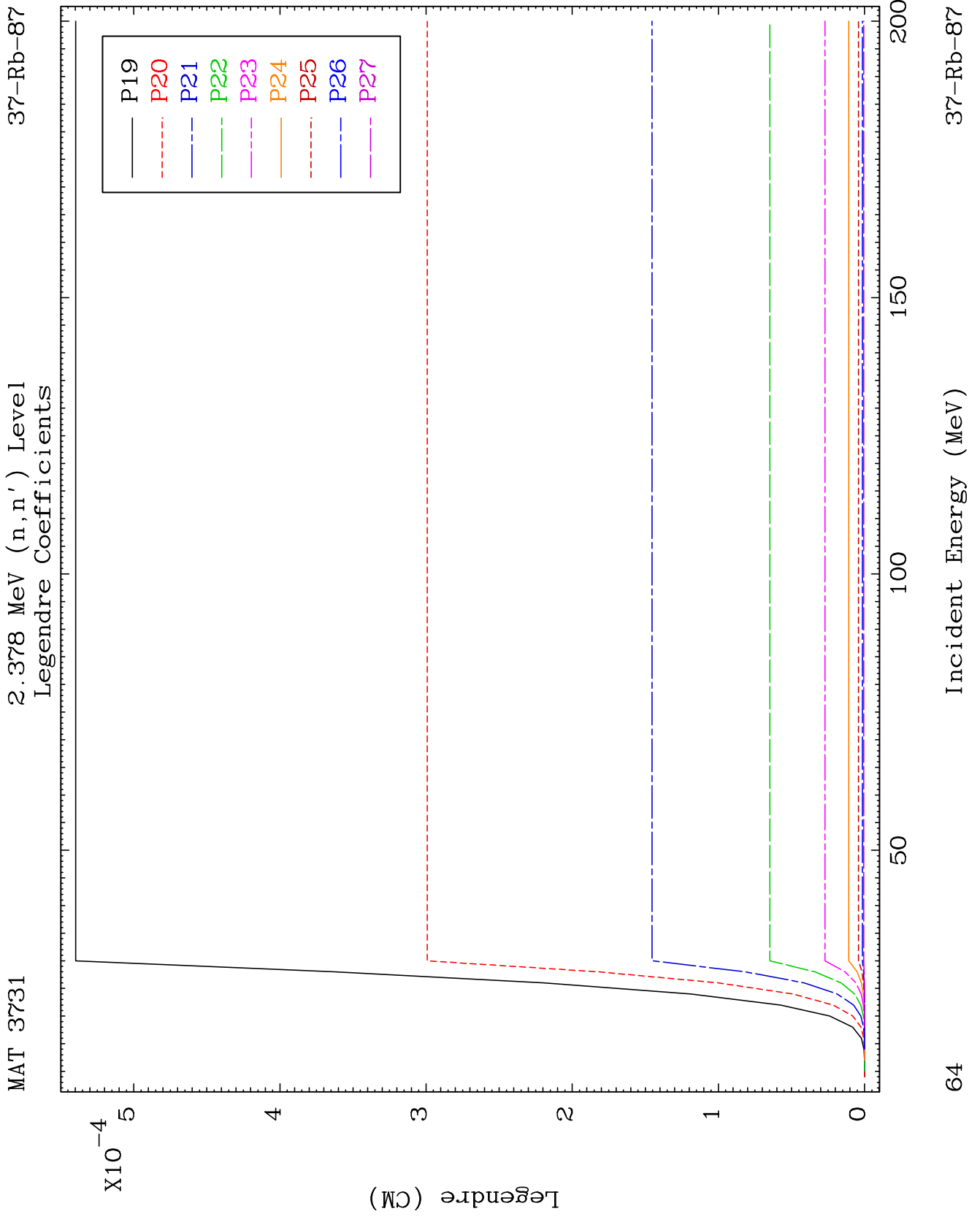
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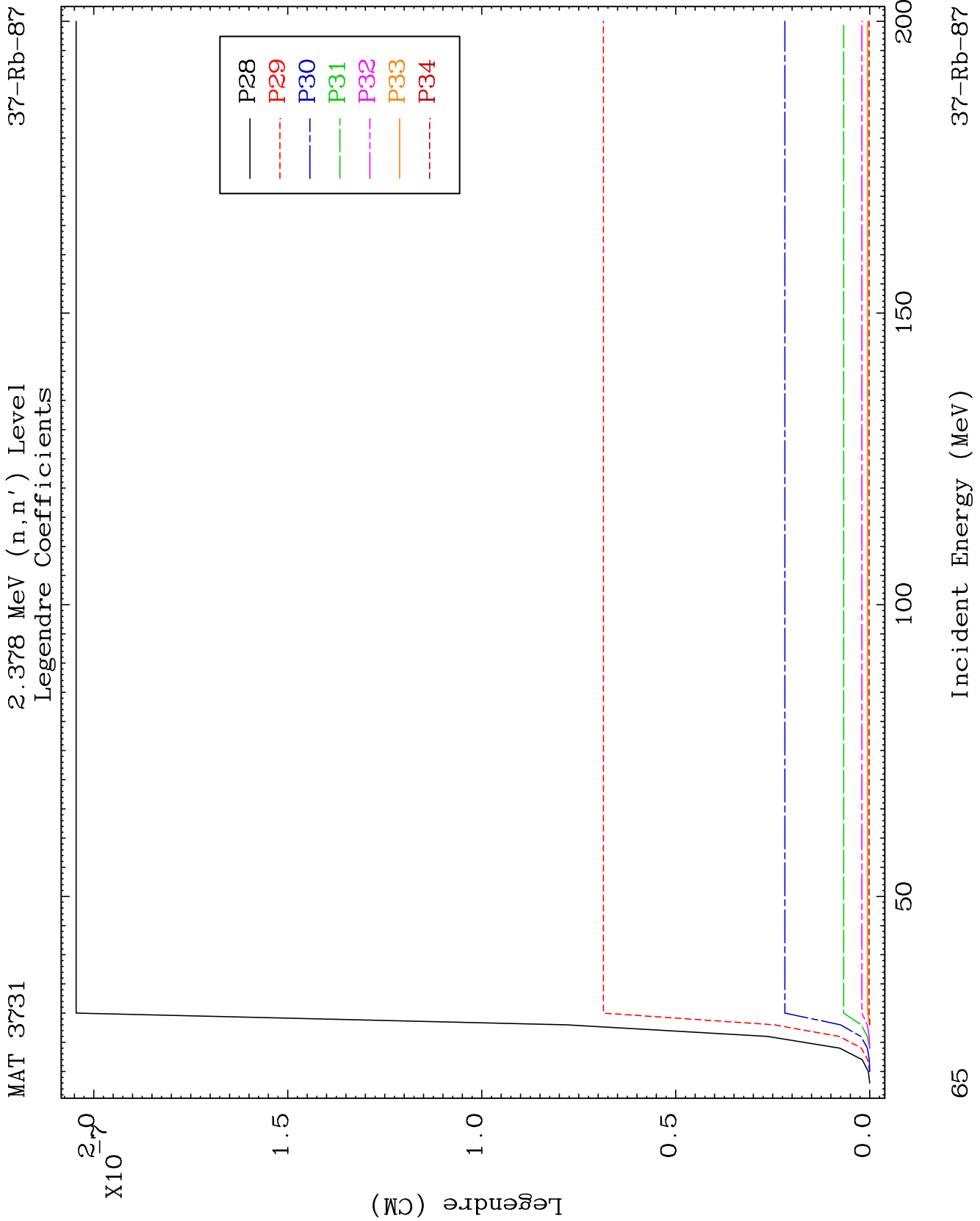


63

Incident Energy (MeV)

37-Rb-87

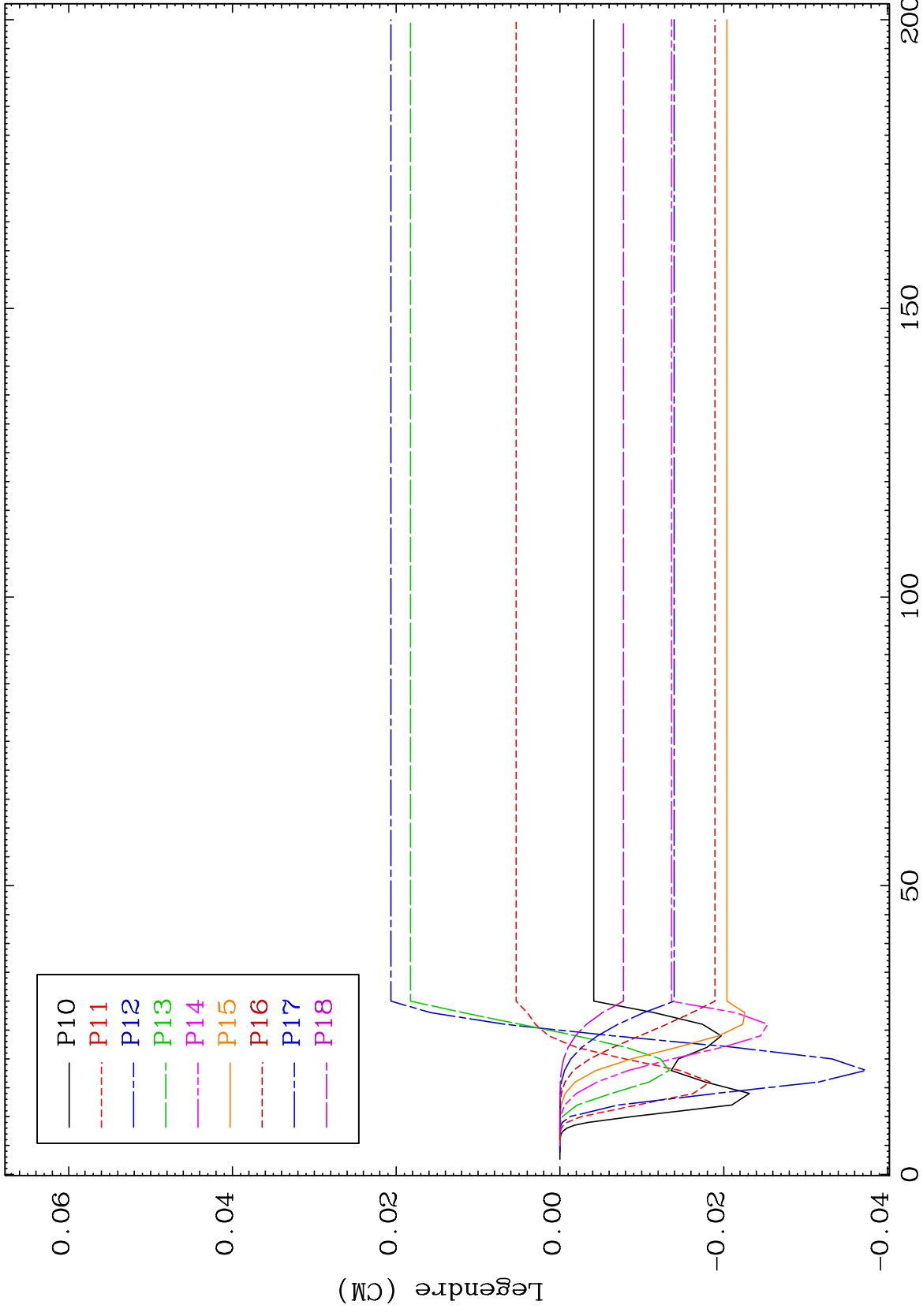




MAT 3731

2.388 MeV (n,n') Level
Legendre Coefficients

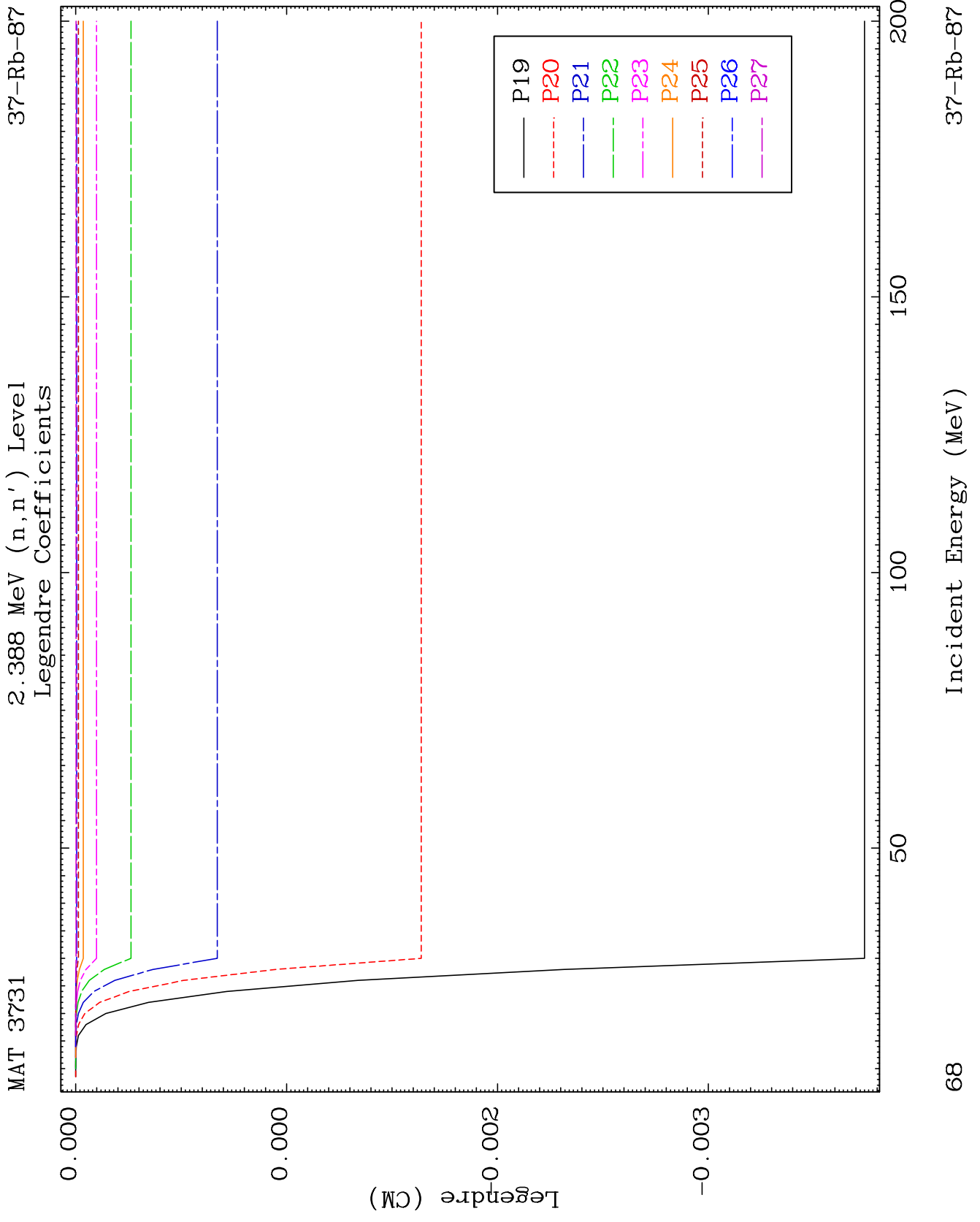
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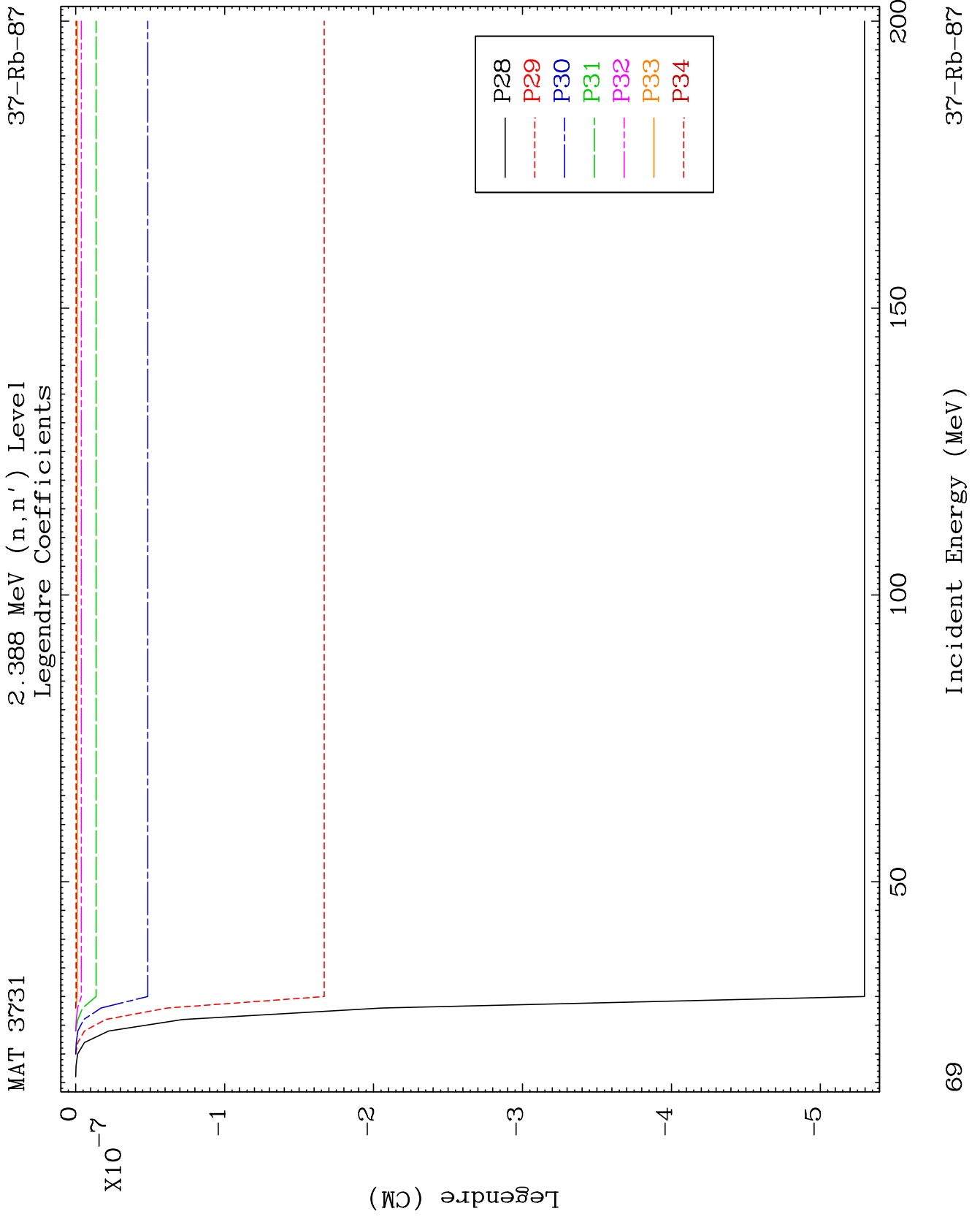


67

Incident Energy (MeV)

37-Rb-87

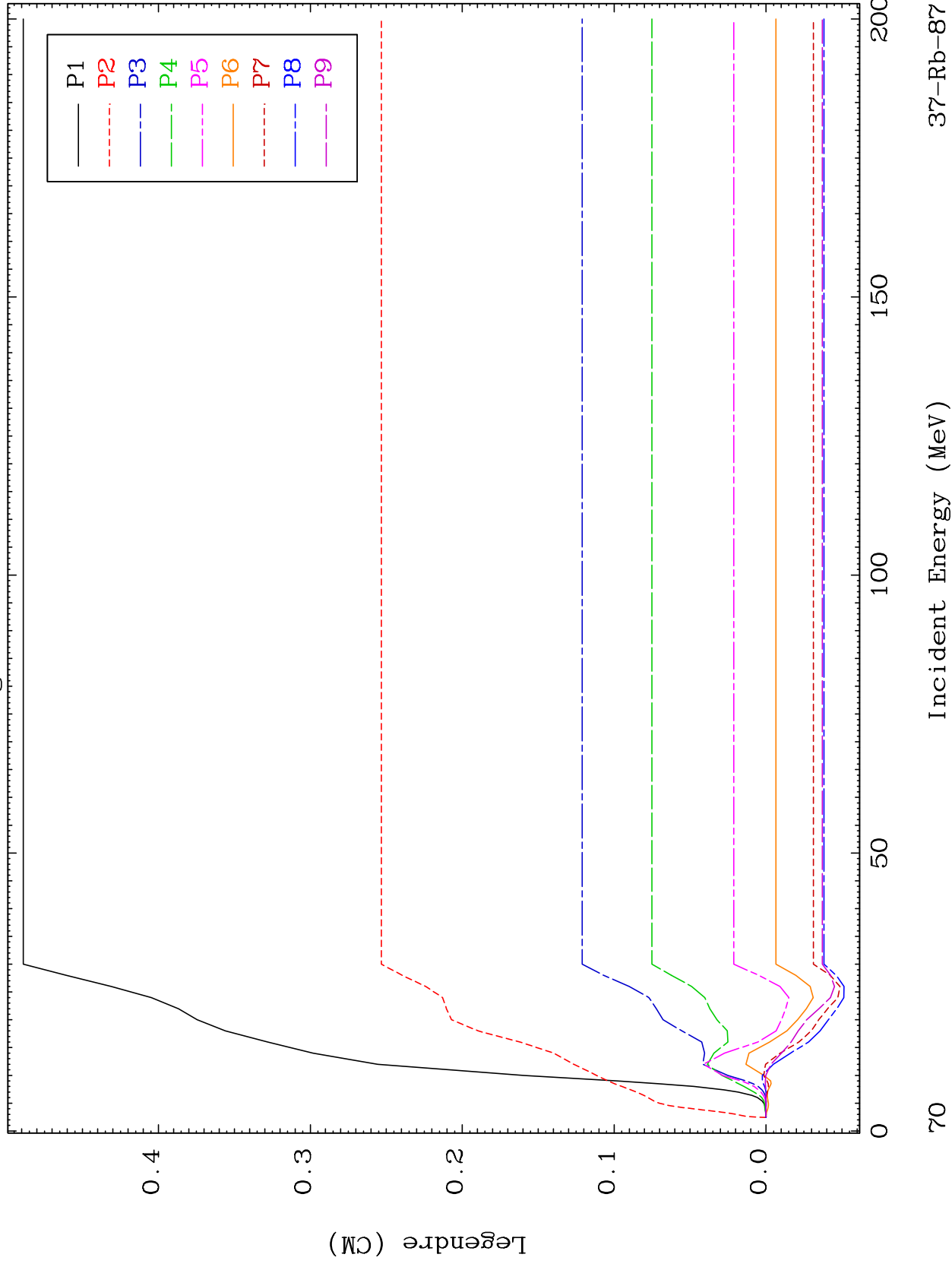




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2.397 MeV (n,n') Level
Legendre Coefficients

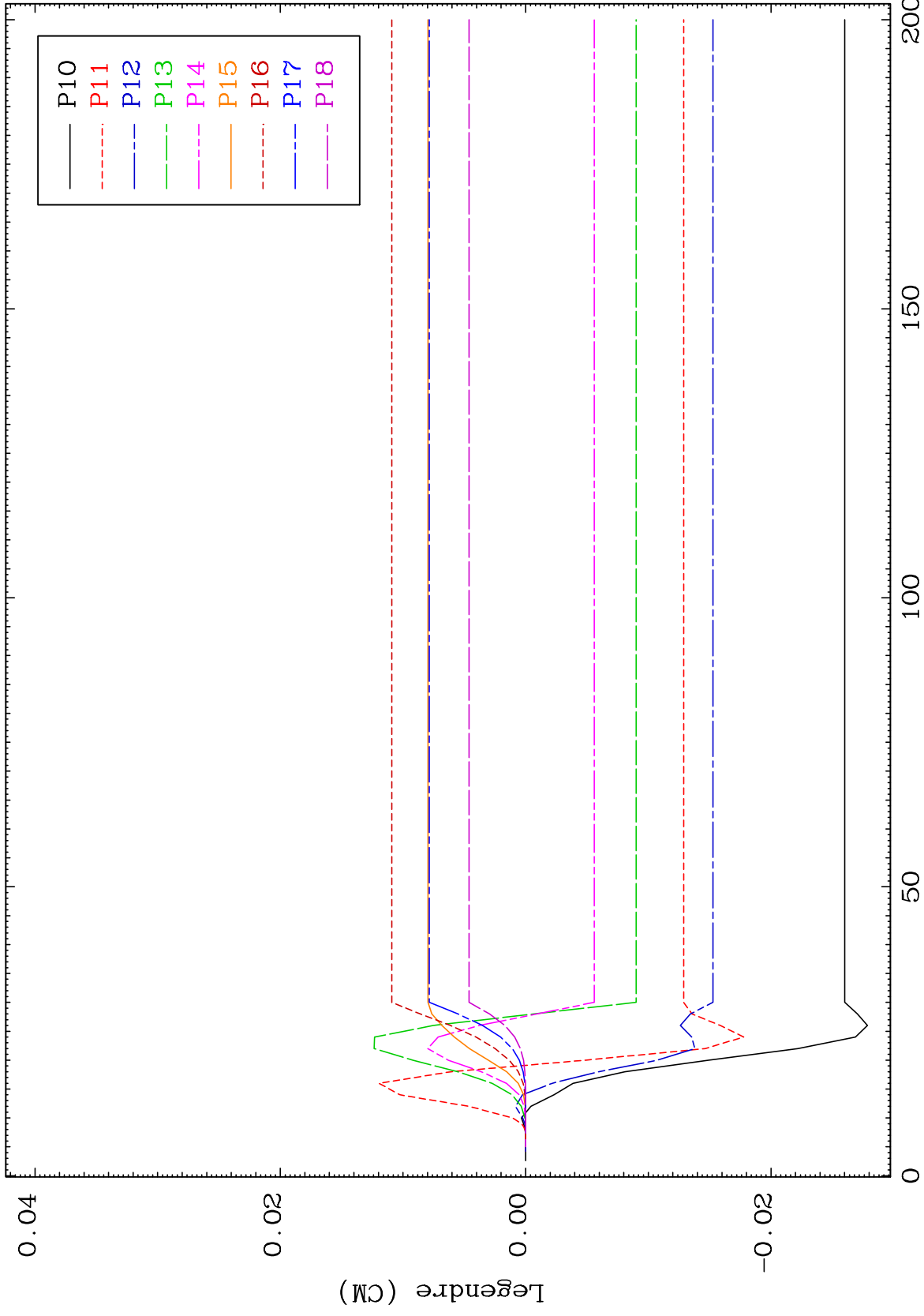
37-Rb-87



MAT 3731

2.397 MeV (n,n') Level
Legendre Coefficients

37-Rb-87



71

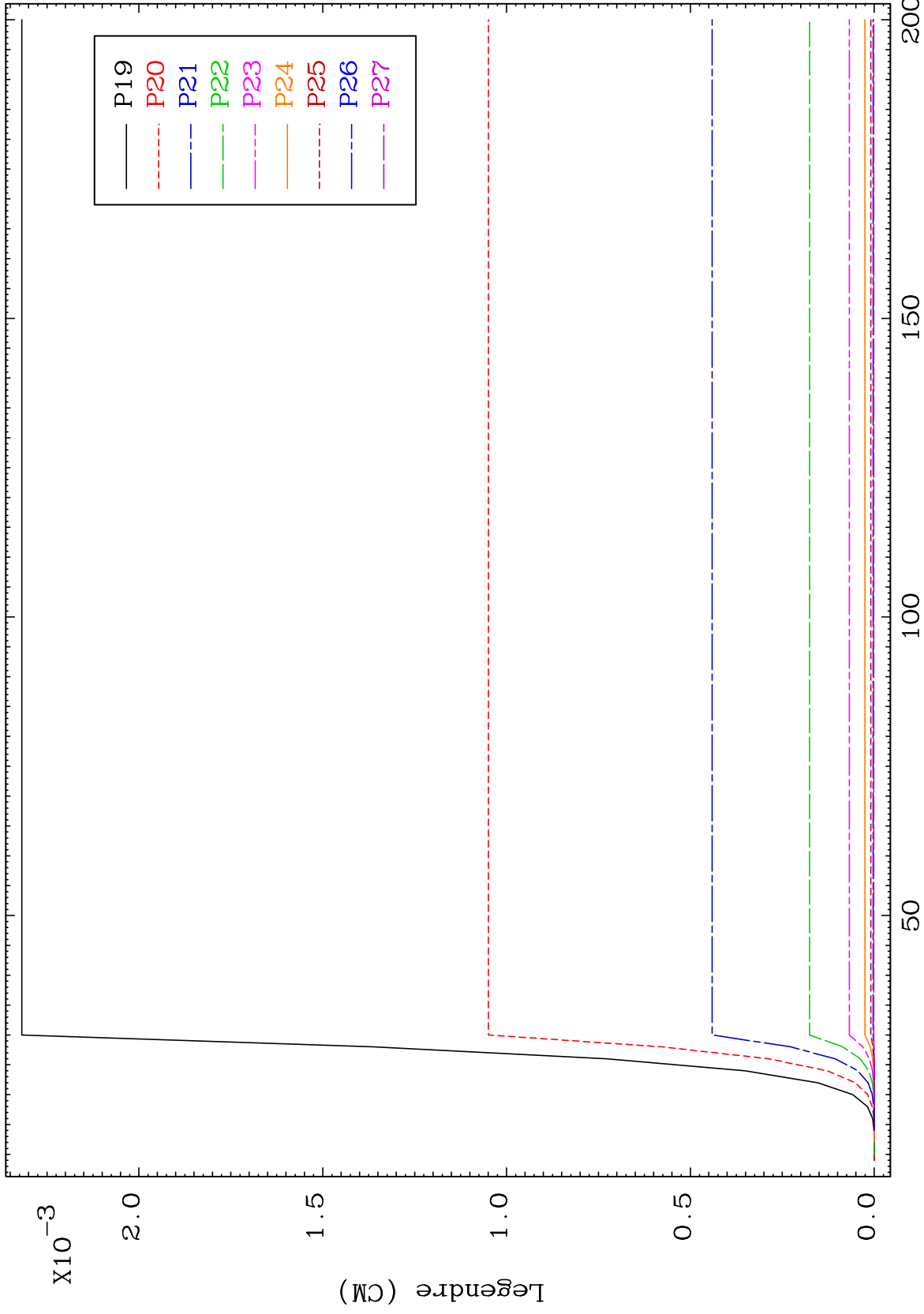
Incident Energy (MeV)

37-Rb-87

MAT 3731

2.397 MeV (n,n') Level
Legendre Coefficients

37-Rb-87



72

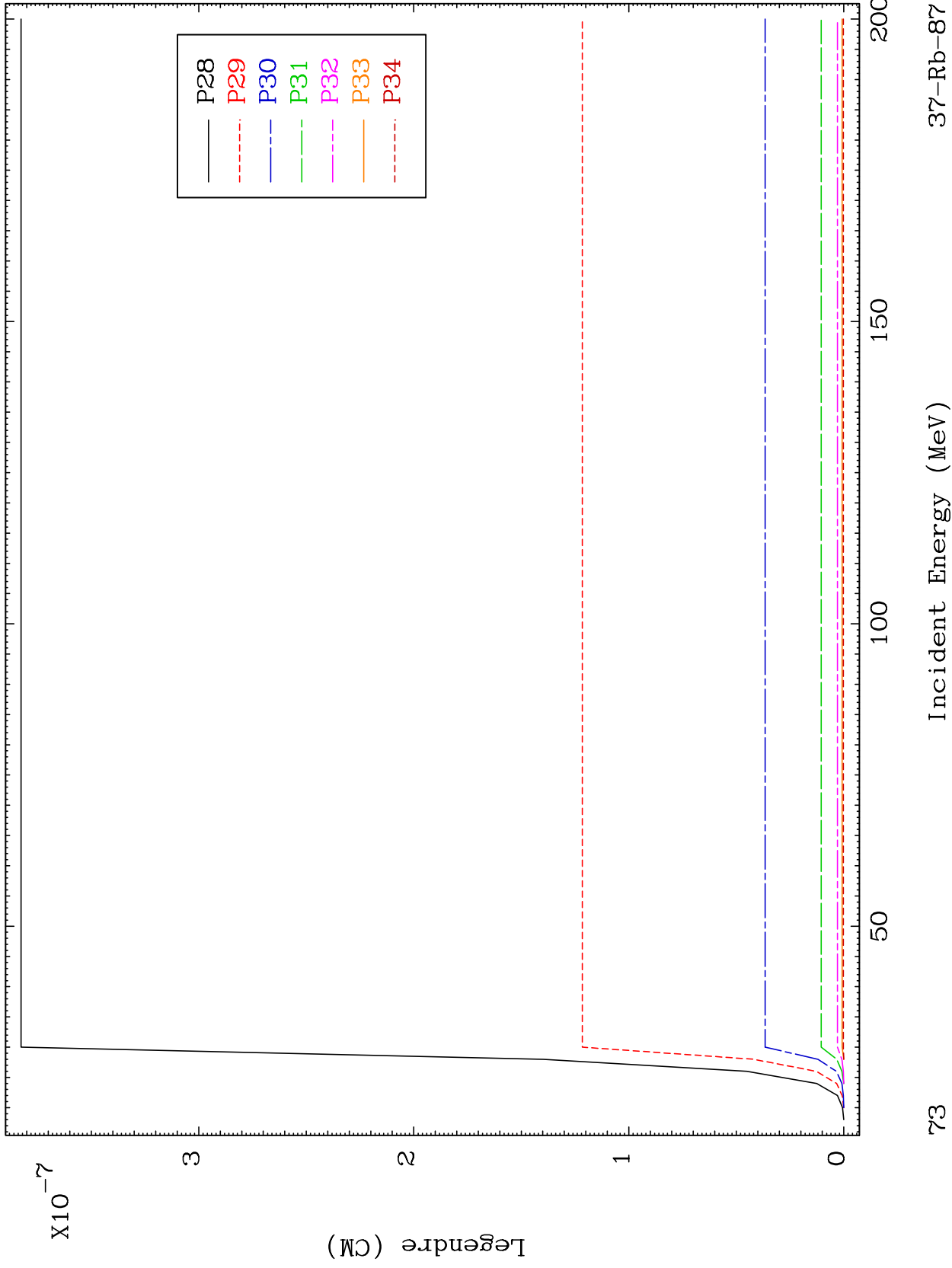
Incident Energy (MeV)

37-Rb-87

MAT 3731

2.397 MeV (n,n') Level
Legendre Coefficients

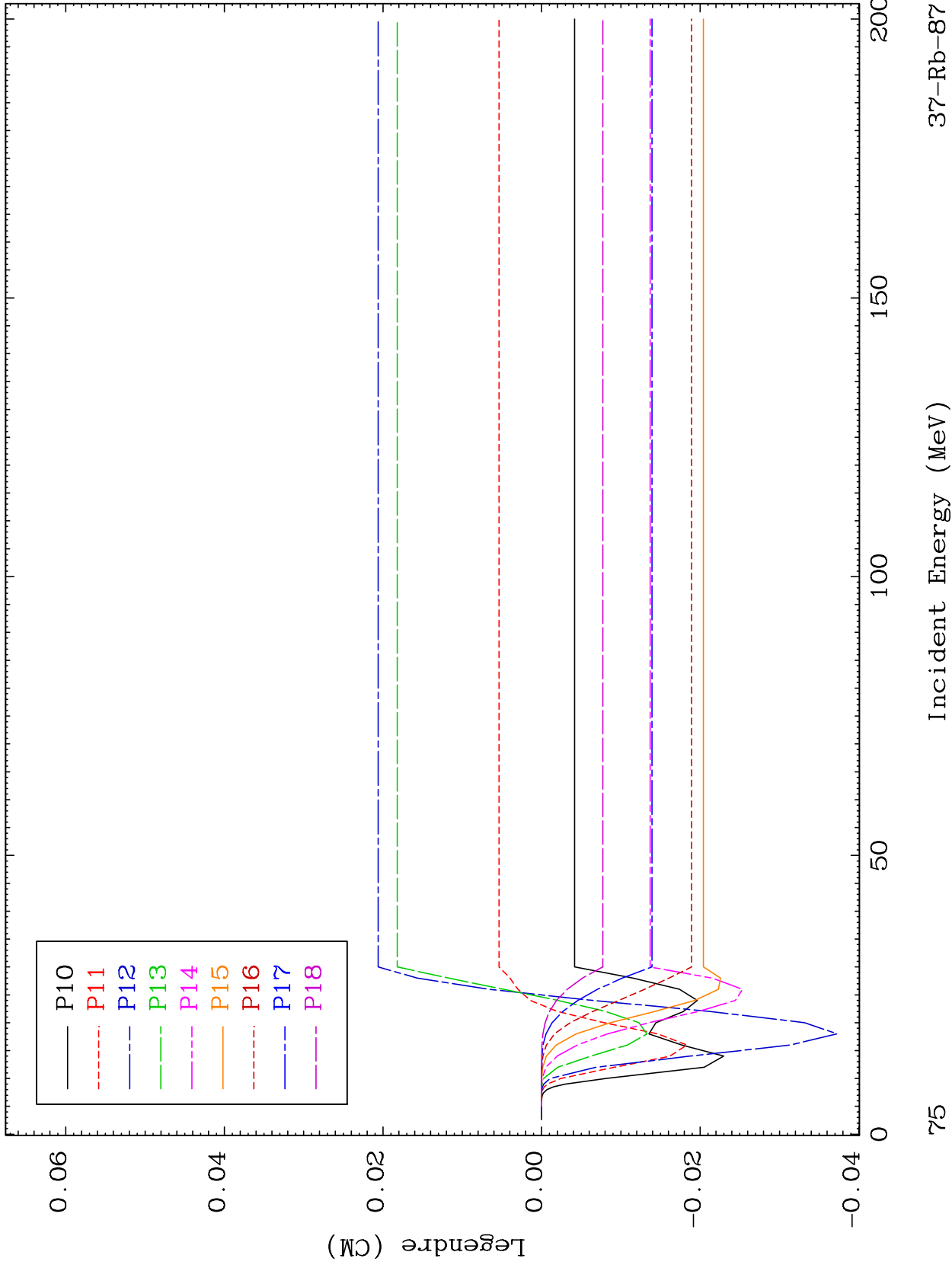
37-Rb-87



MAT 3731

2.414 MeV (n,n') Level
Legendre Coefficients

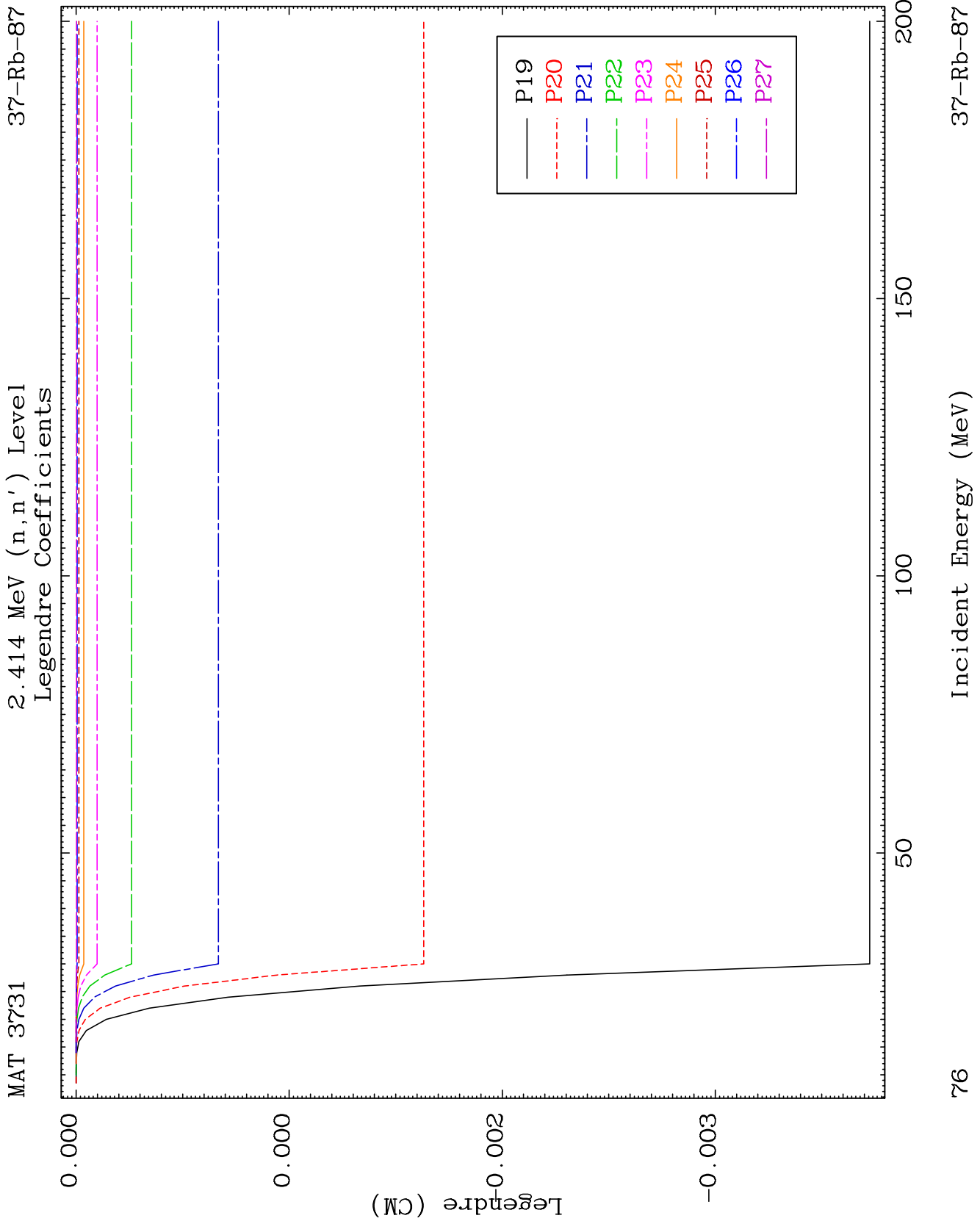
37-Rb-87

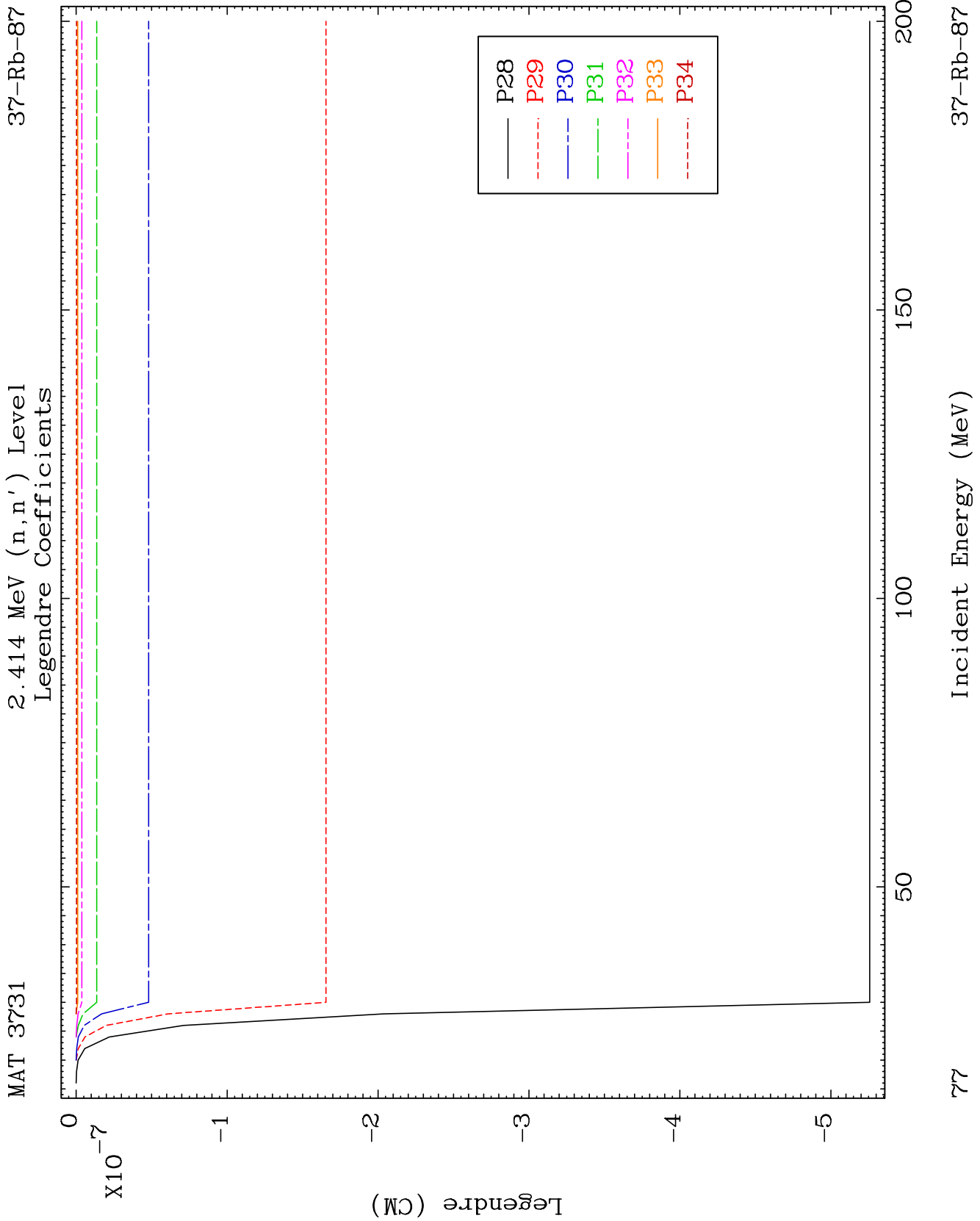


37-Rb-87

Incident Energy (MeV)

75

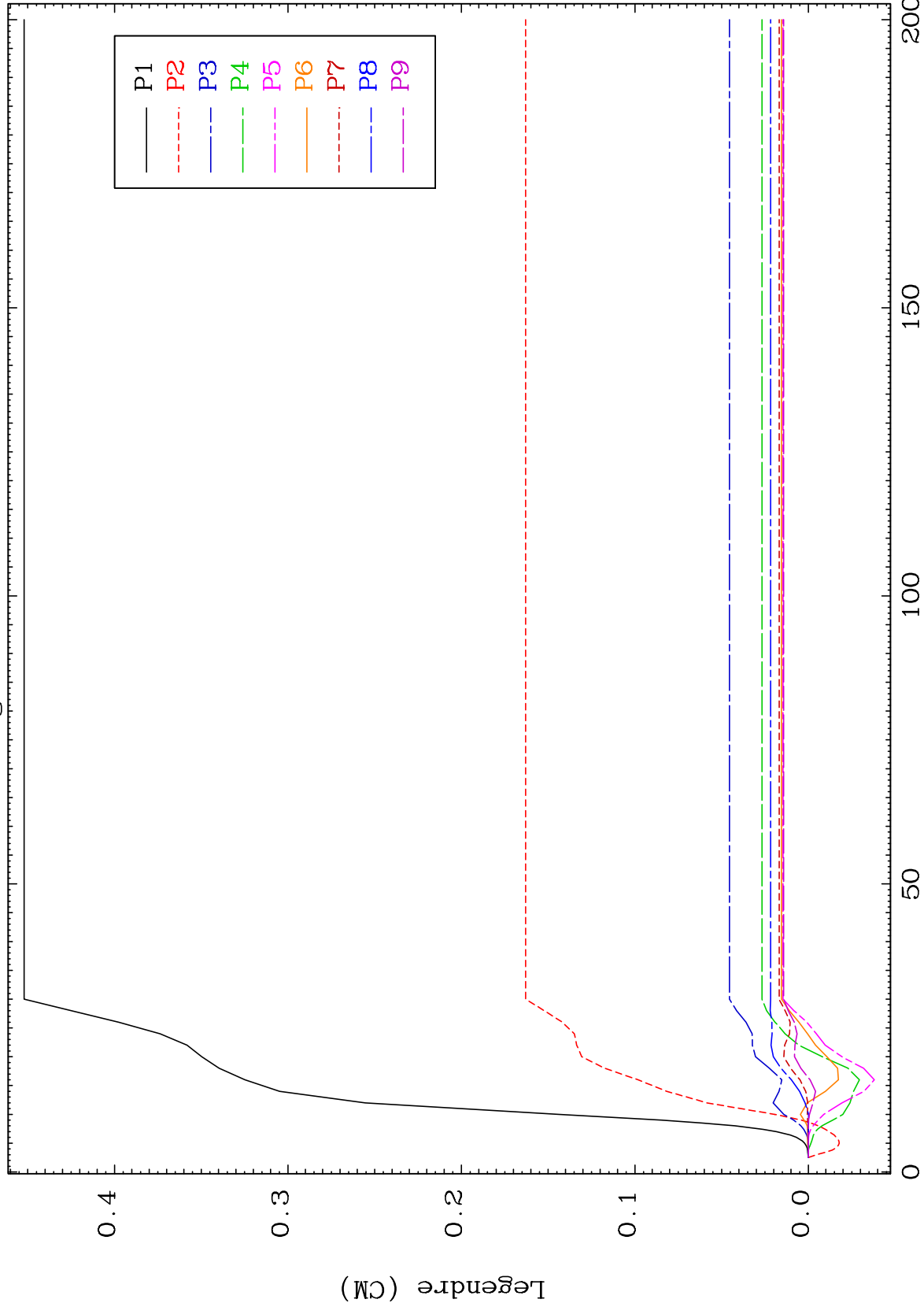




MAT 3731

2.472 MeV (n,n') Level
Legendre Coefficients

37-Rb-87



78

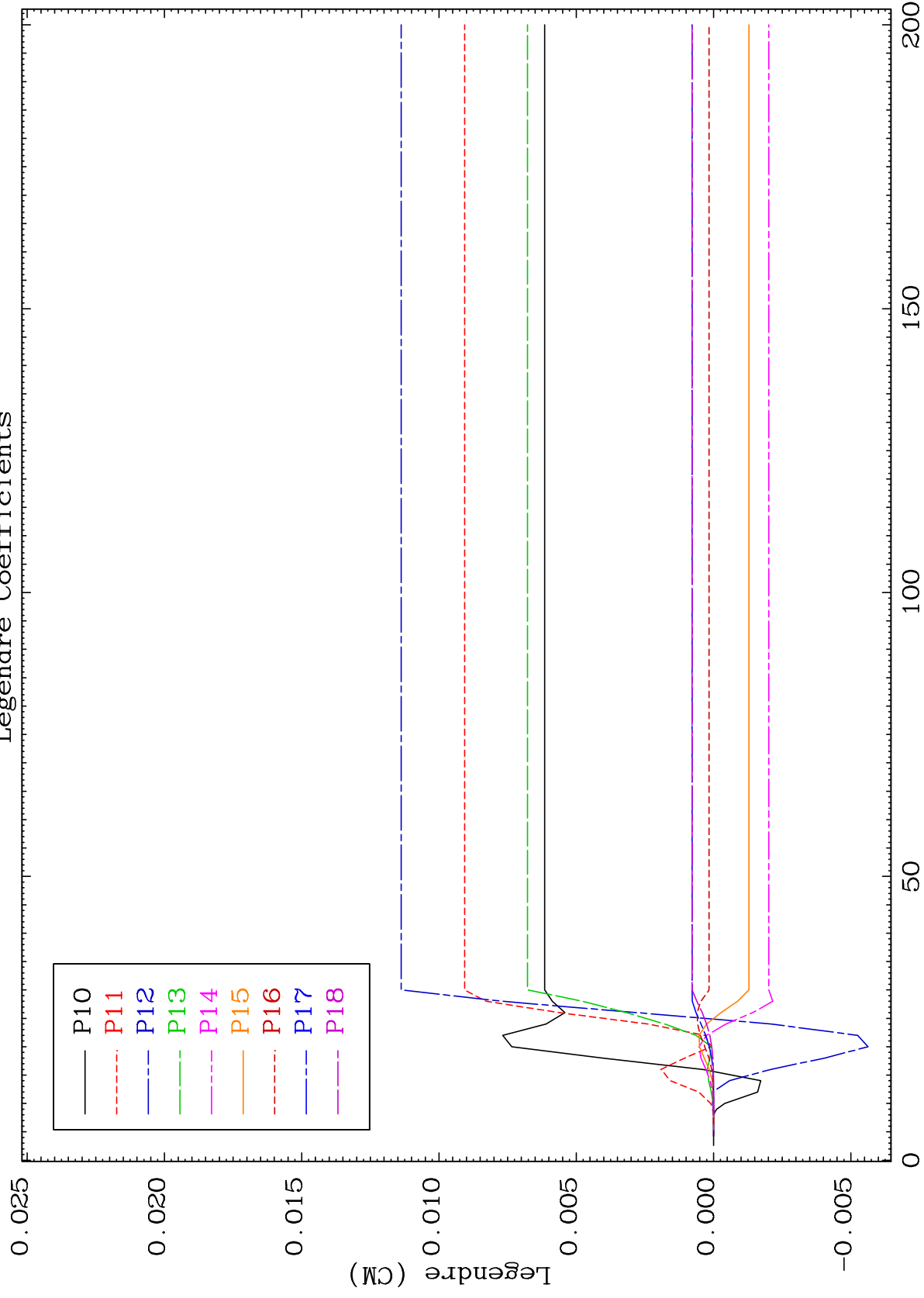
Incident Energy (MeV)

37-Rb-87

MAT 3731

2.472 MeV (n,n') Level
Legendre Coefficients

37-Rb-87



79

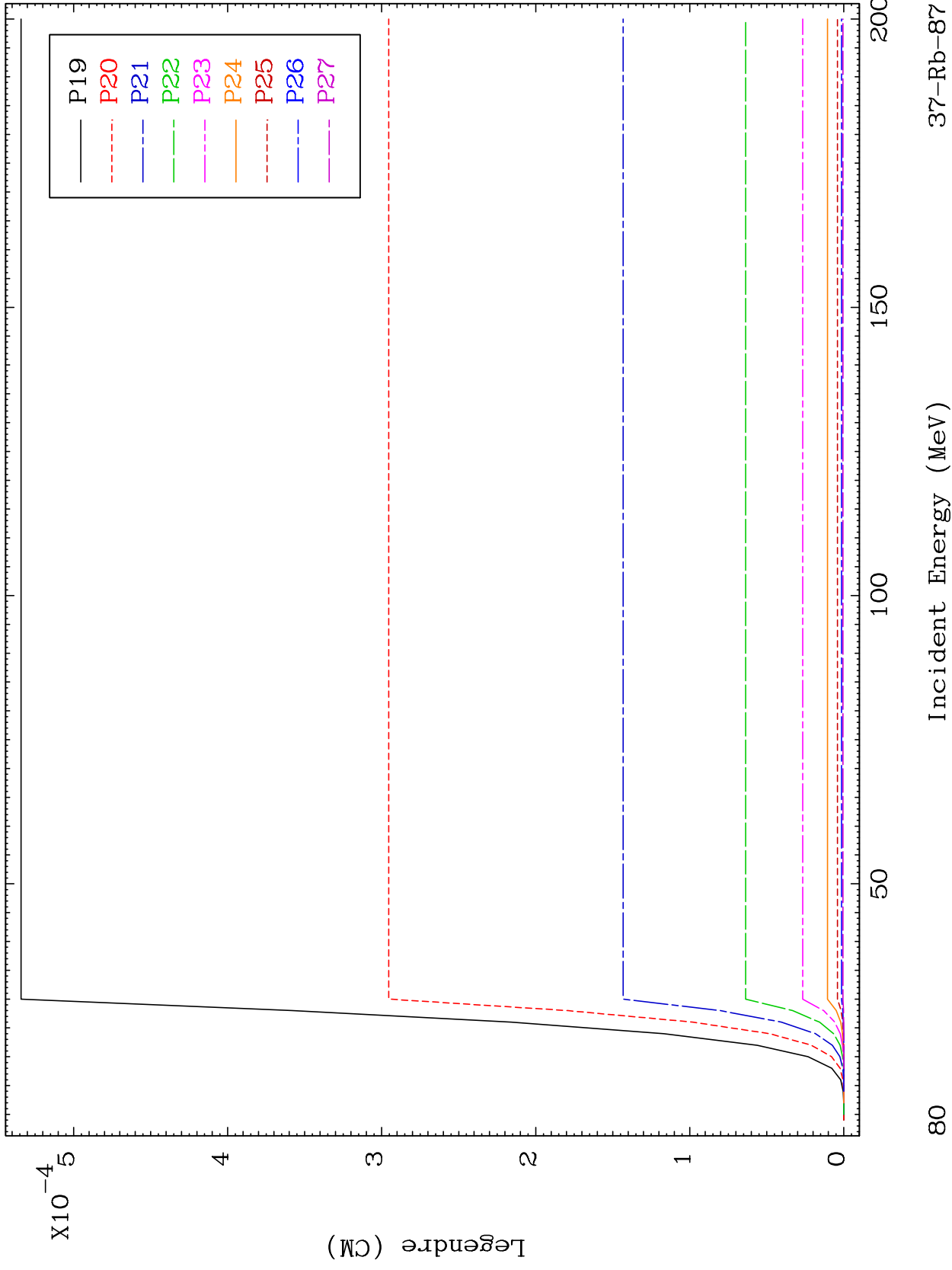
Incident Energy (MeV)

37-Rb-87

MAT 3731

2.472 MeV (n,n') Level
Legendre Coefficients

37-Rb-87



80

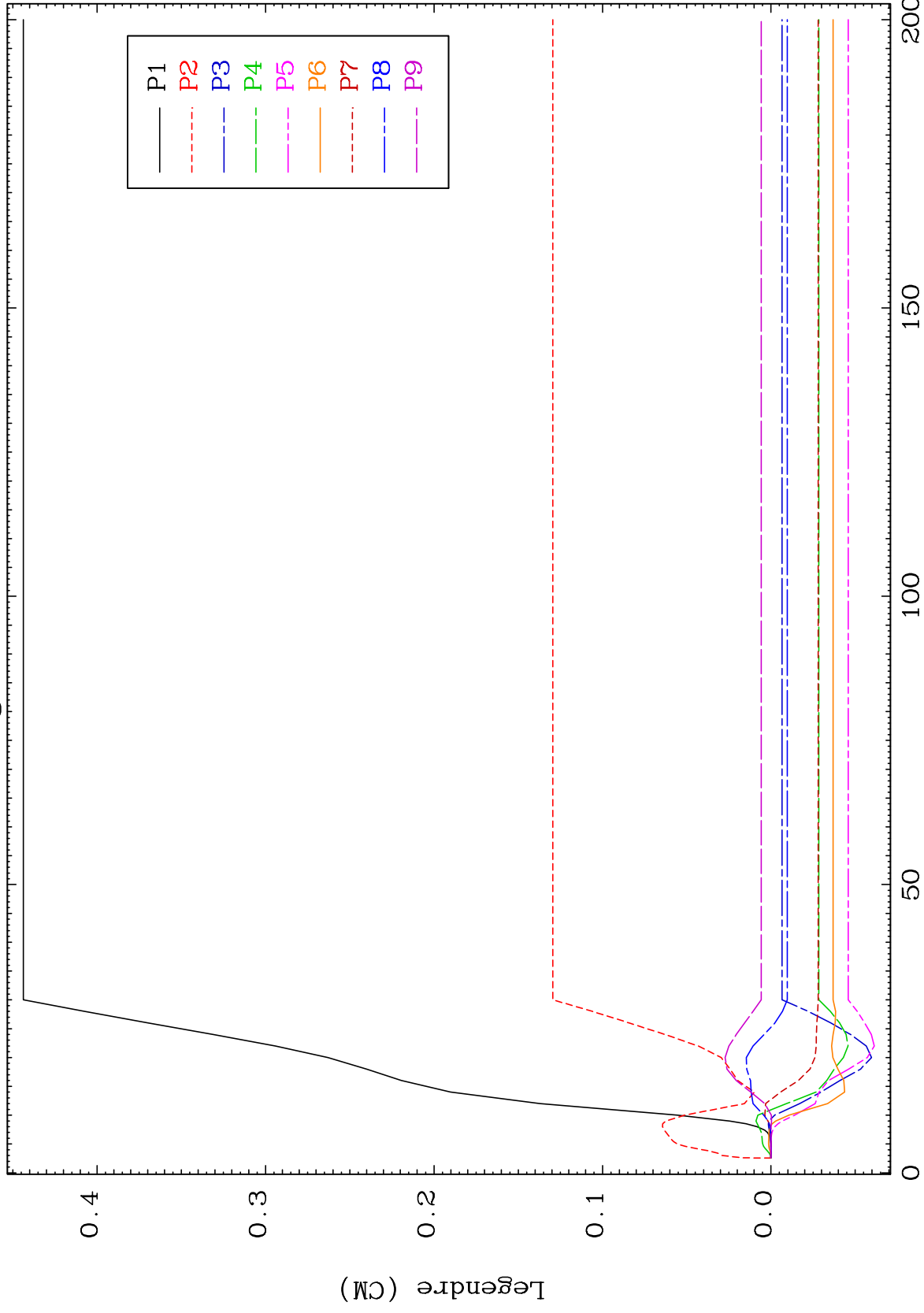
Incident Energy (MeV)

37-Rb-87

MAT 3731

2.530 MeV (n,n') Level
Legendre Coefficients

37-Rb-87



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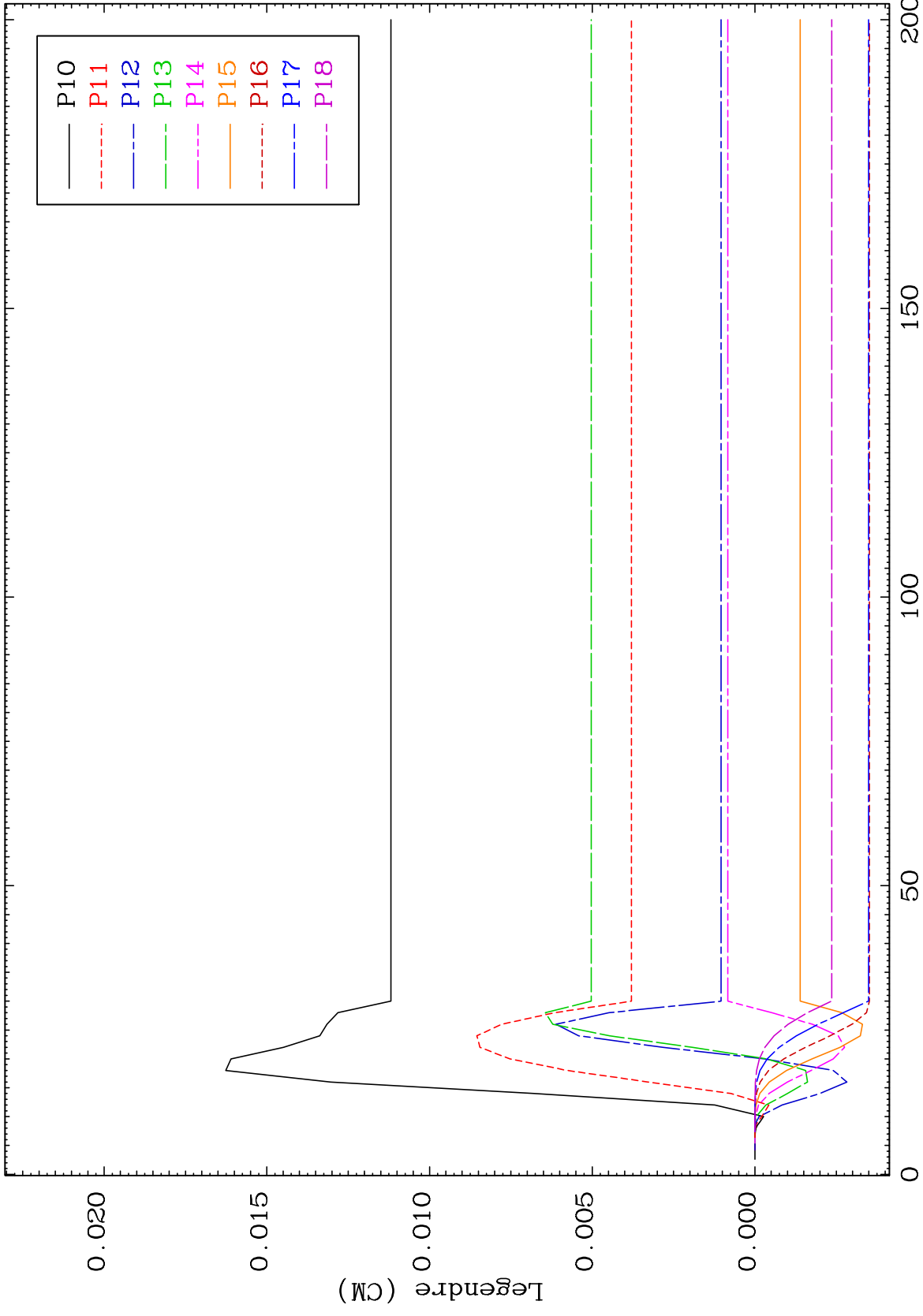
Incident Energy (MeV)

37-Rb-87

MAT 3731

2.530 MeV (n,n') Level
Legendre Coefficients

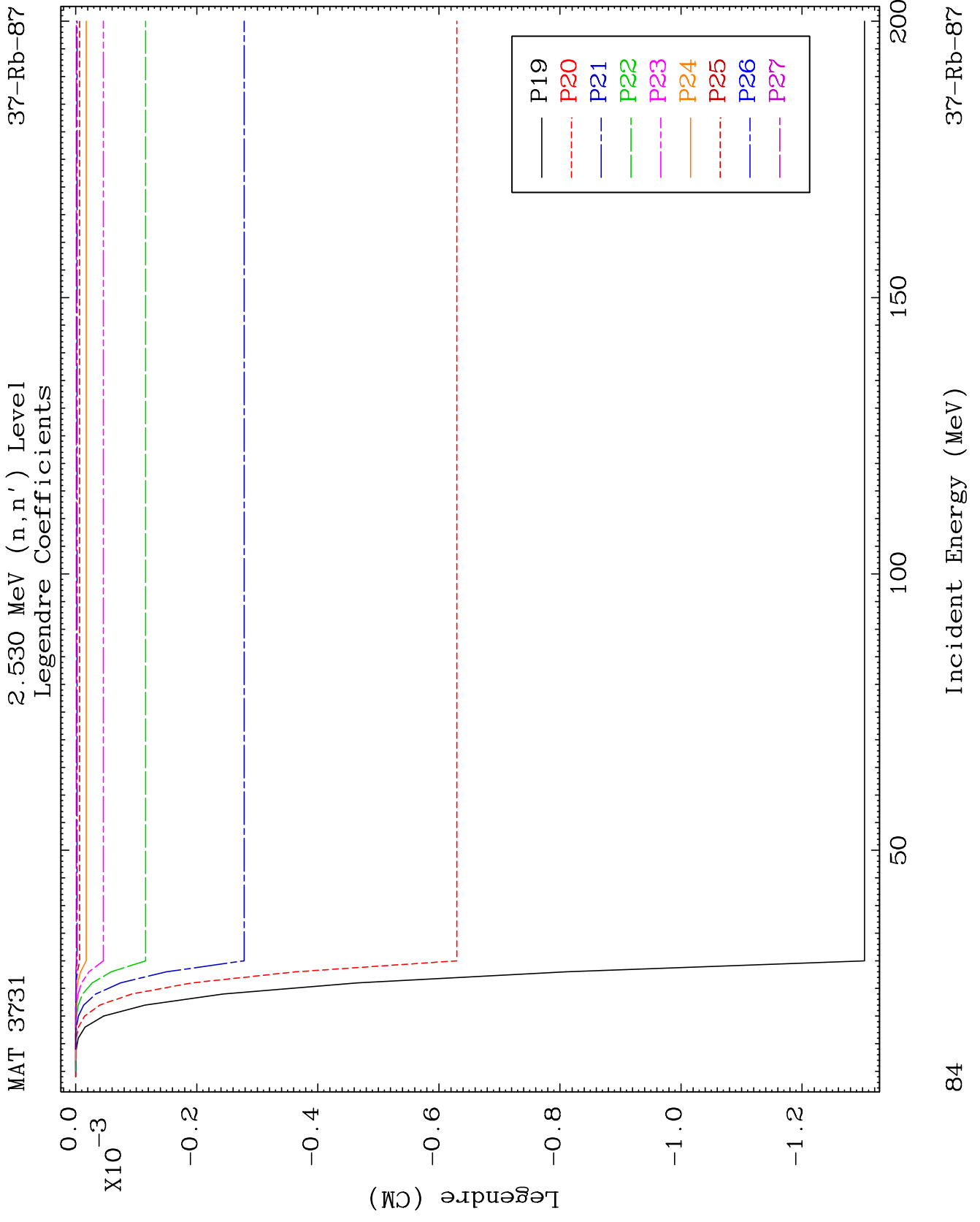
37-Rb-87

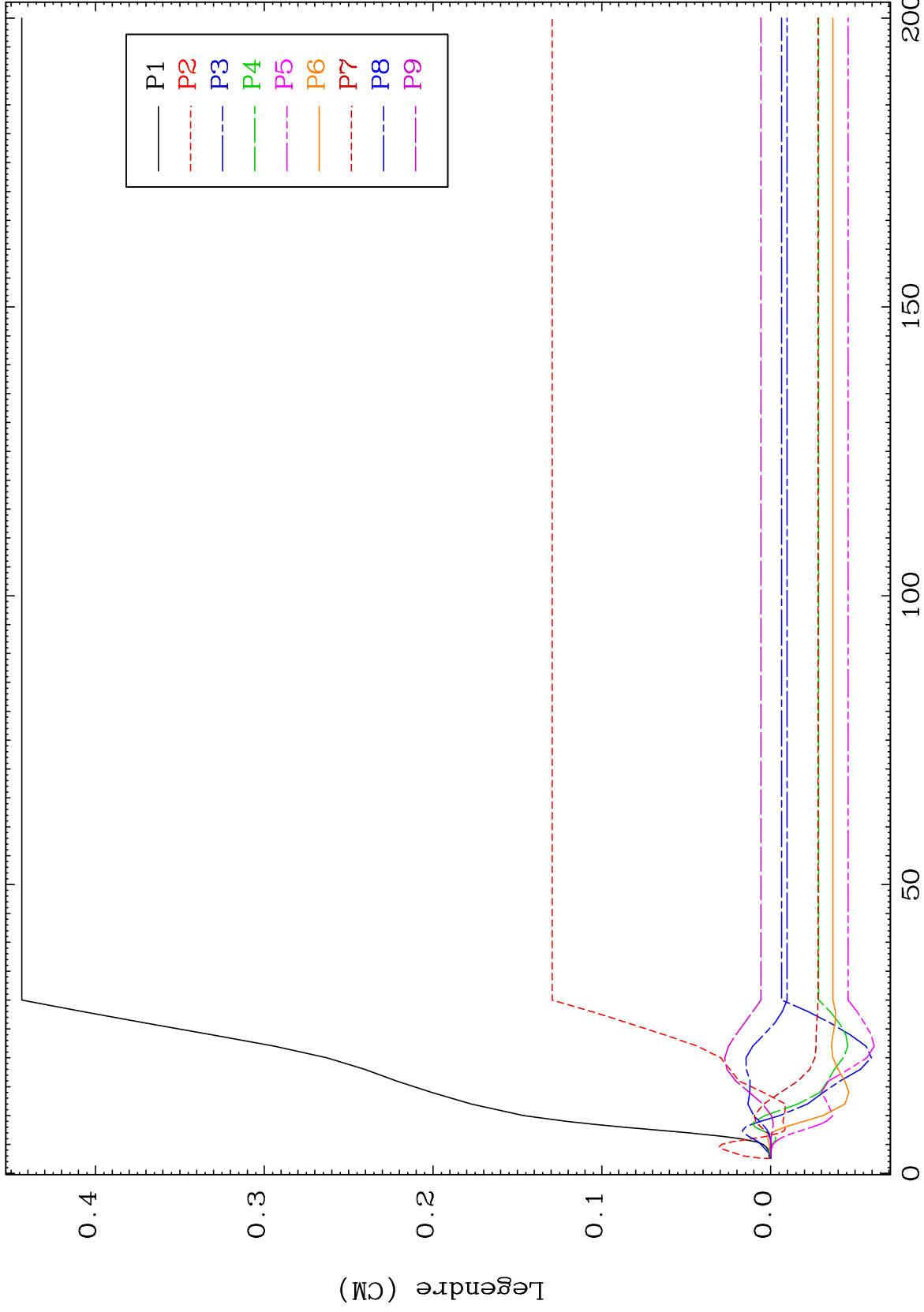


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Incident Energy (MeV)

37-Rb-87

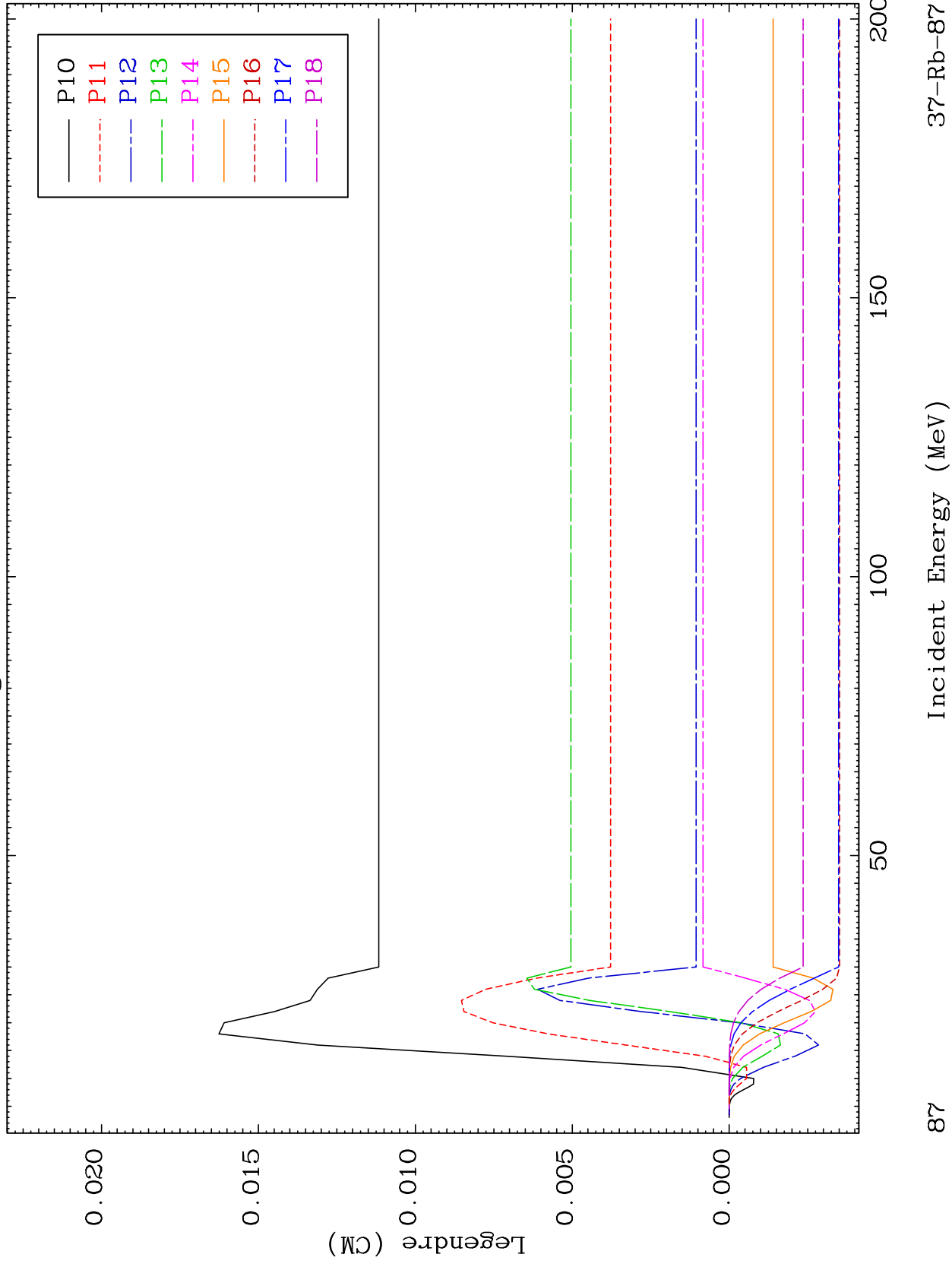




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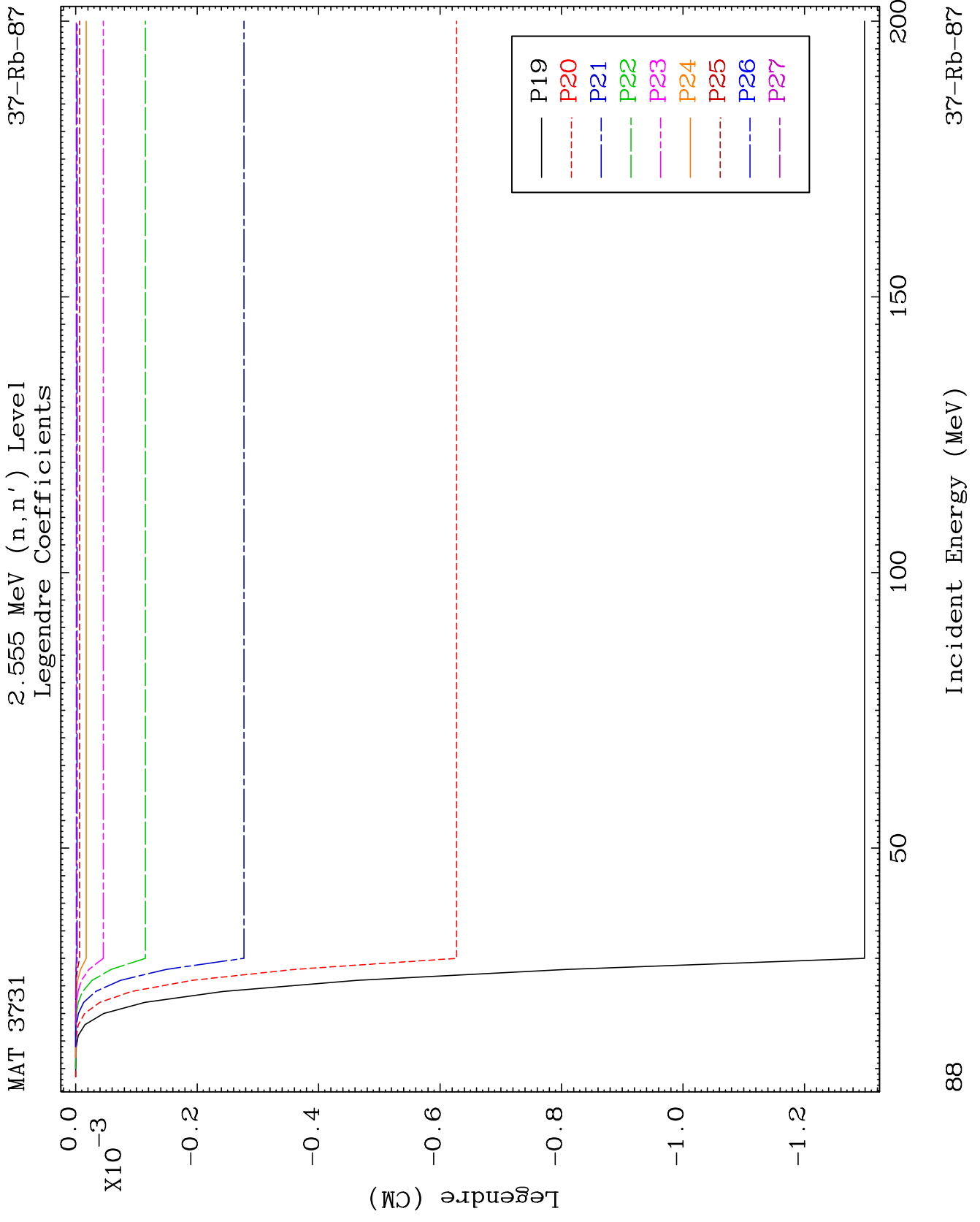
2.555 MeV (n,n') Level
Legendre Coefficients

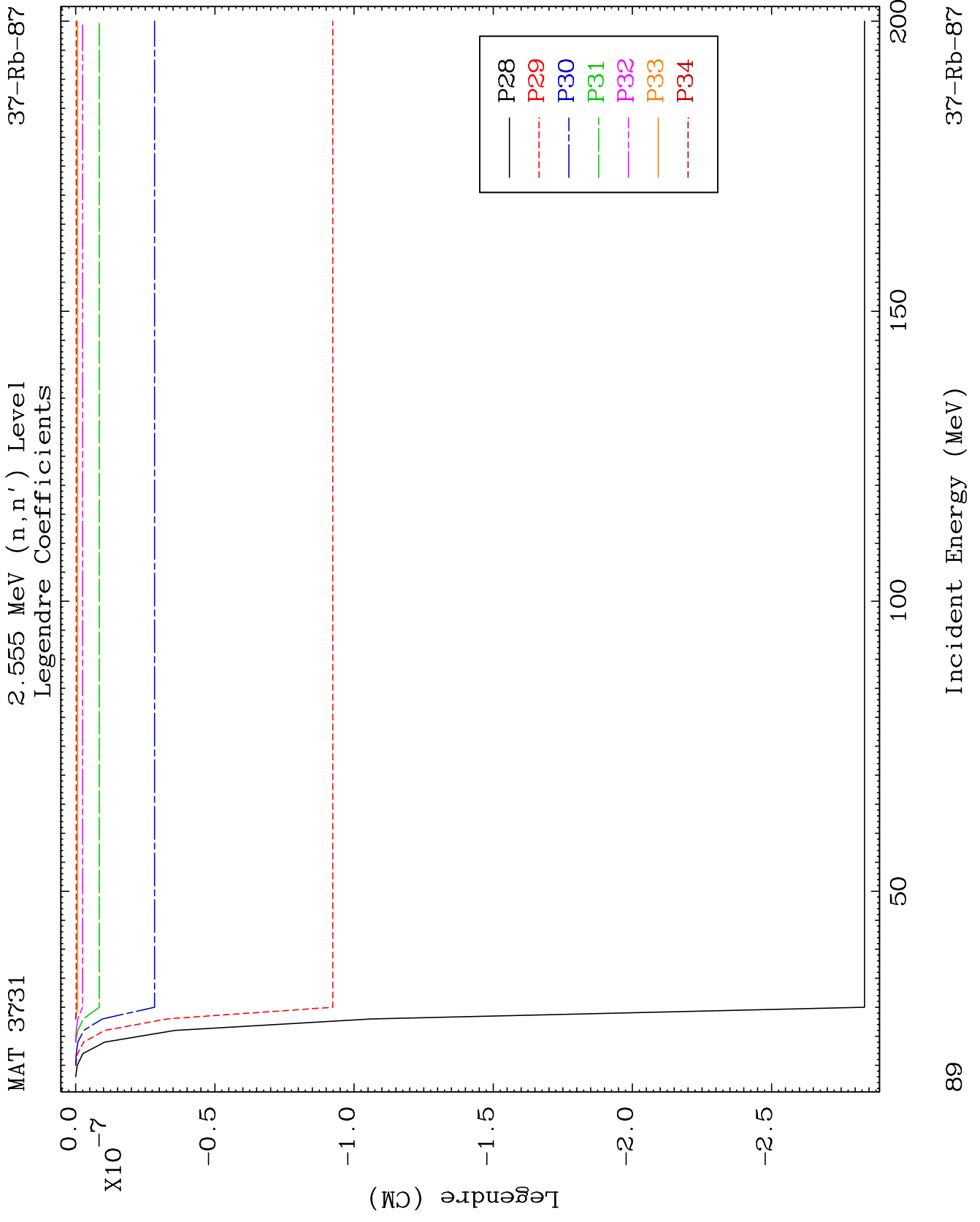
37-Rb-87

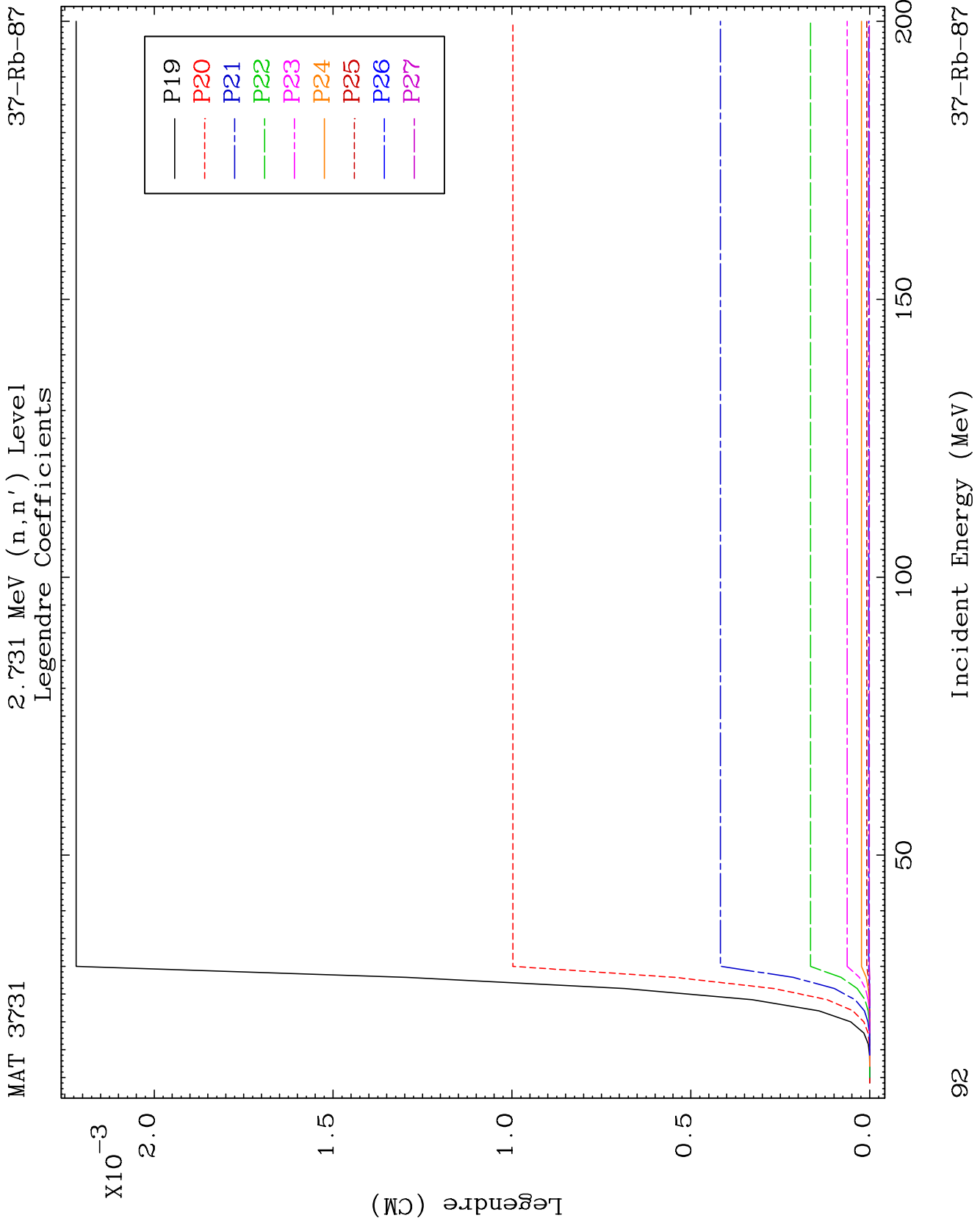


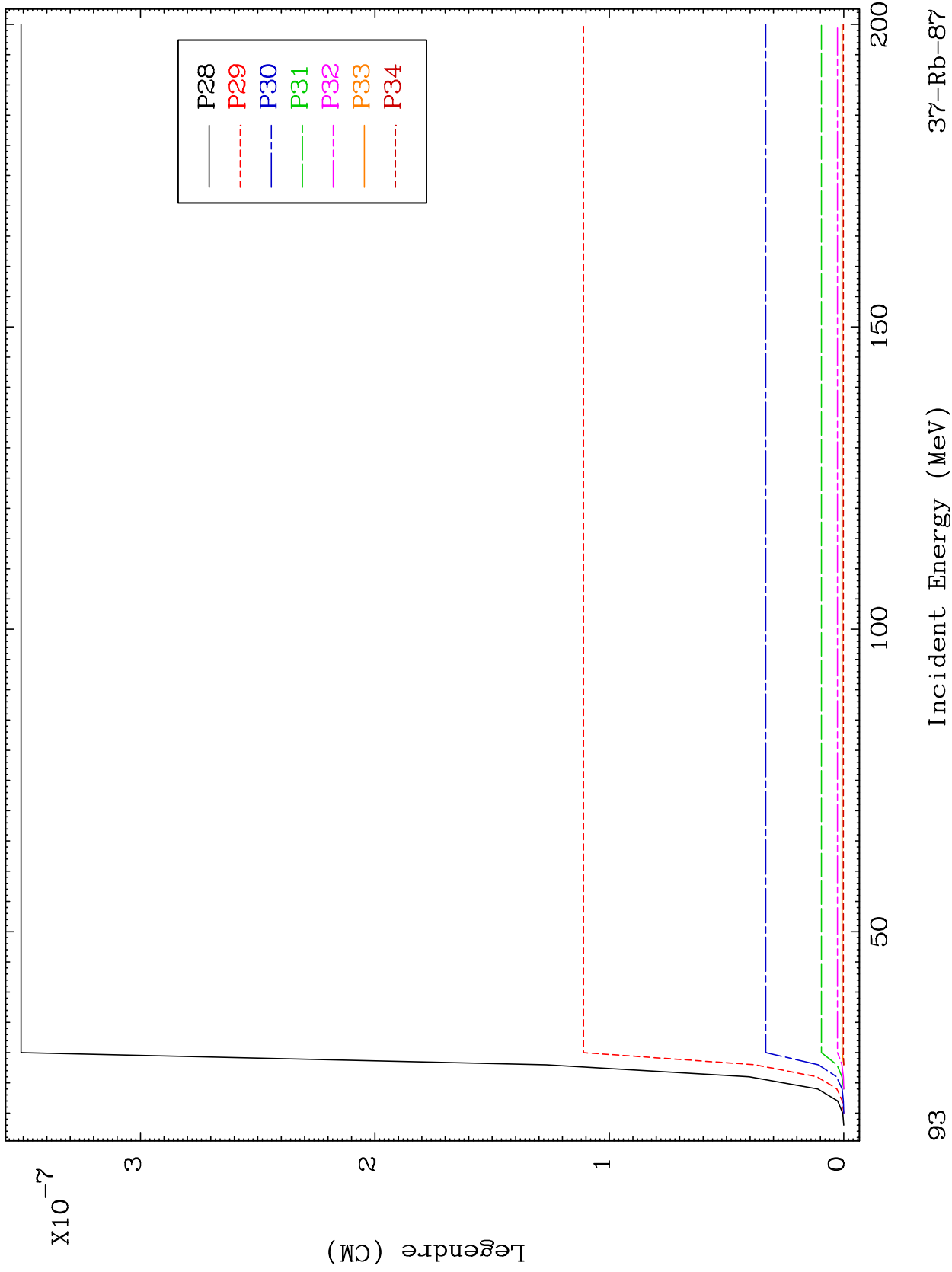
87

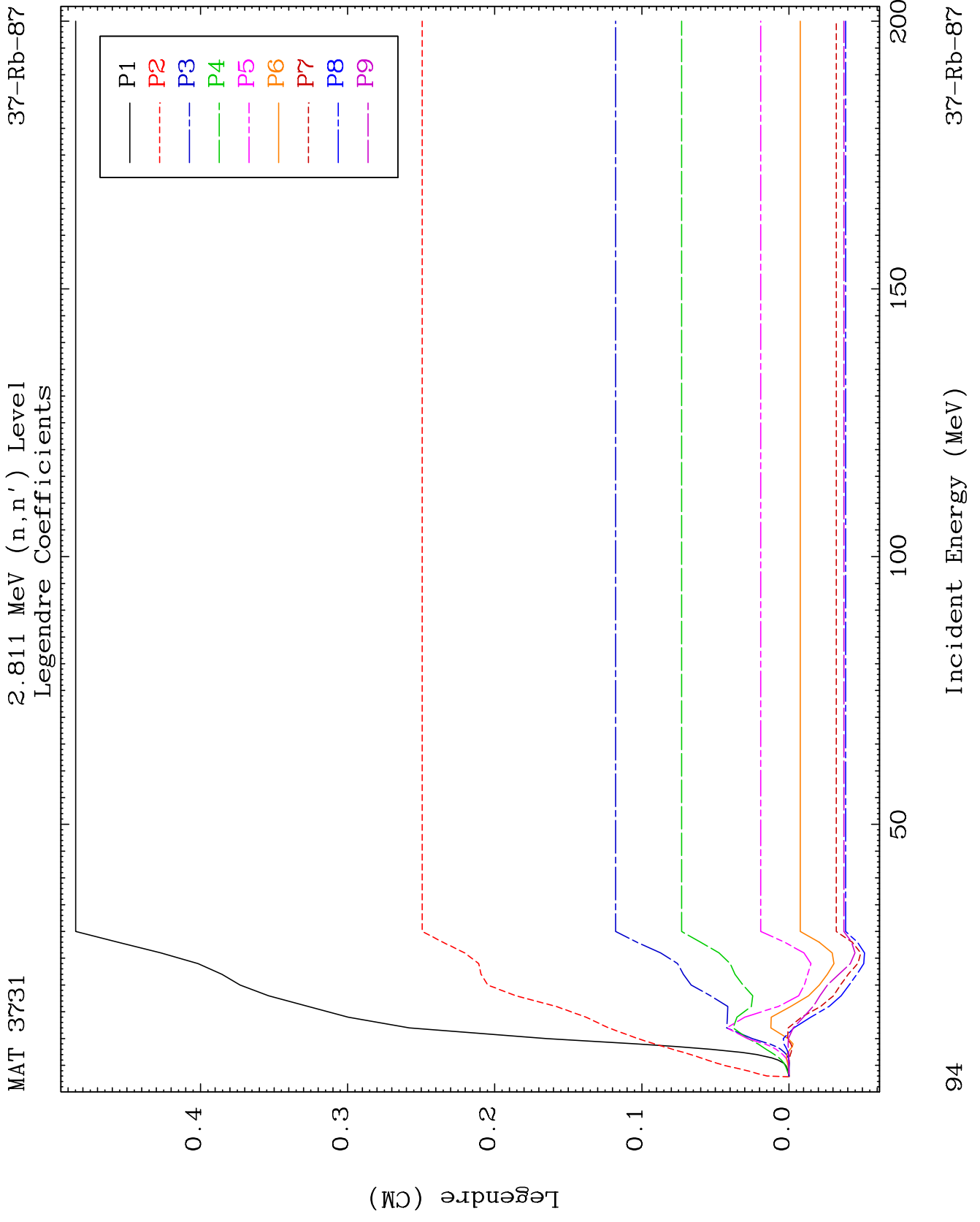
37-Rb-87

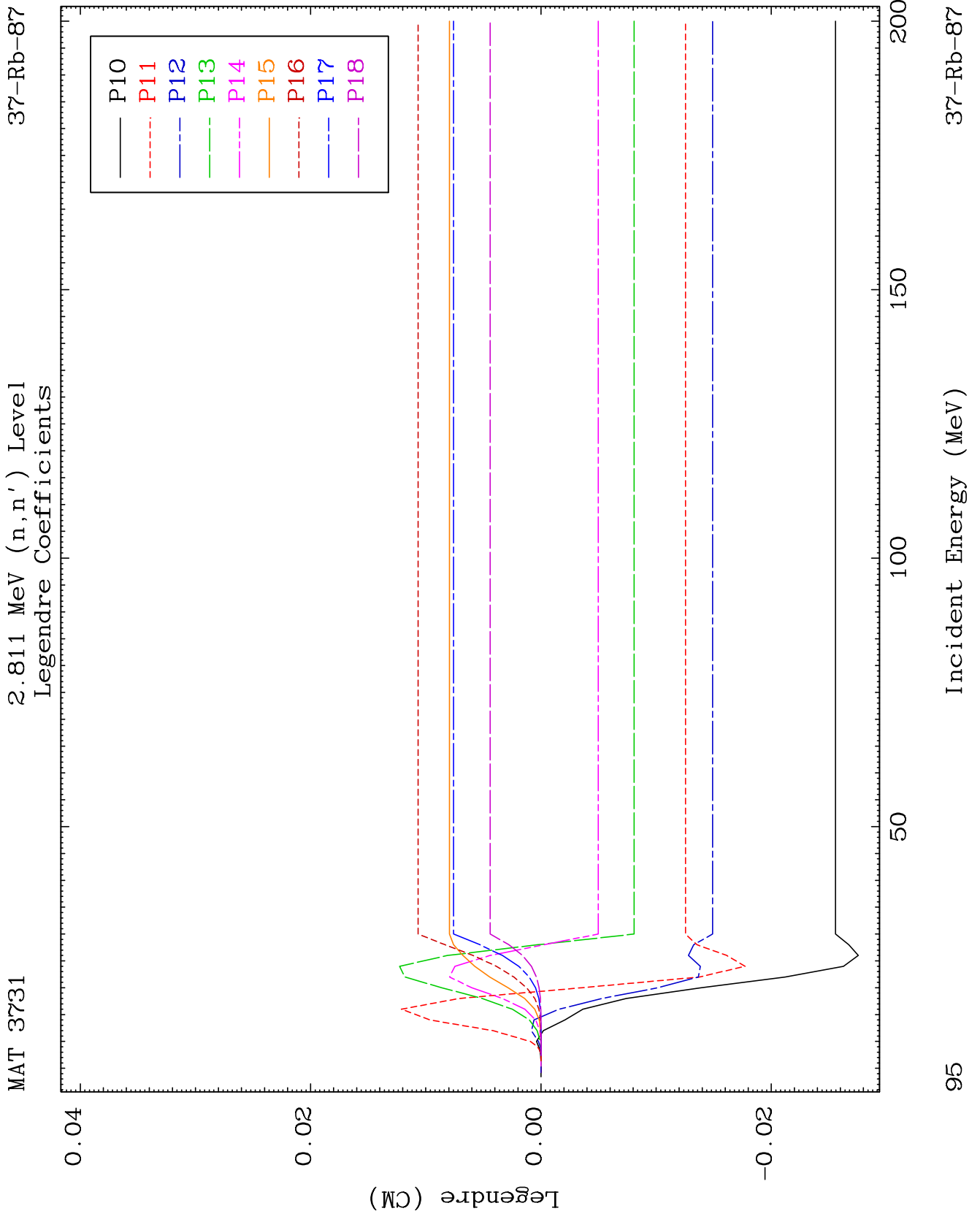


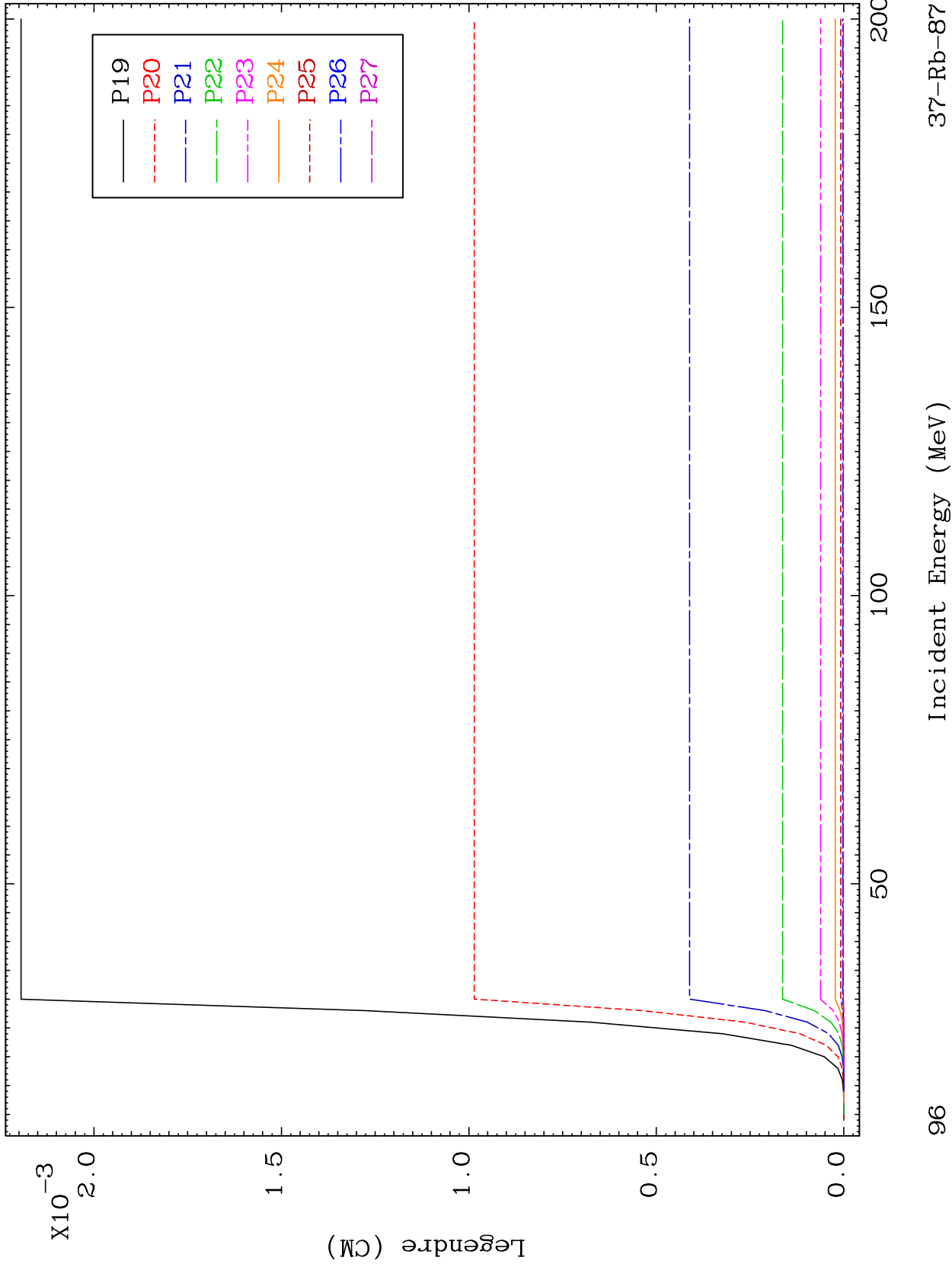








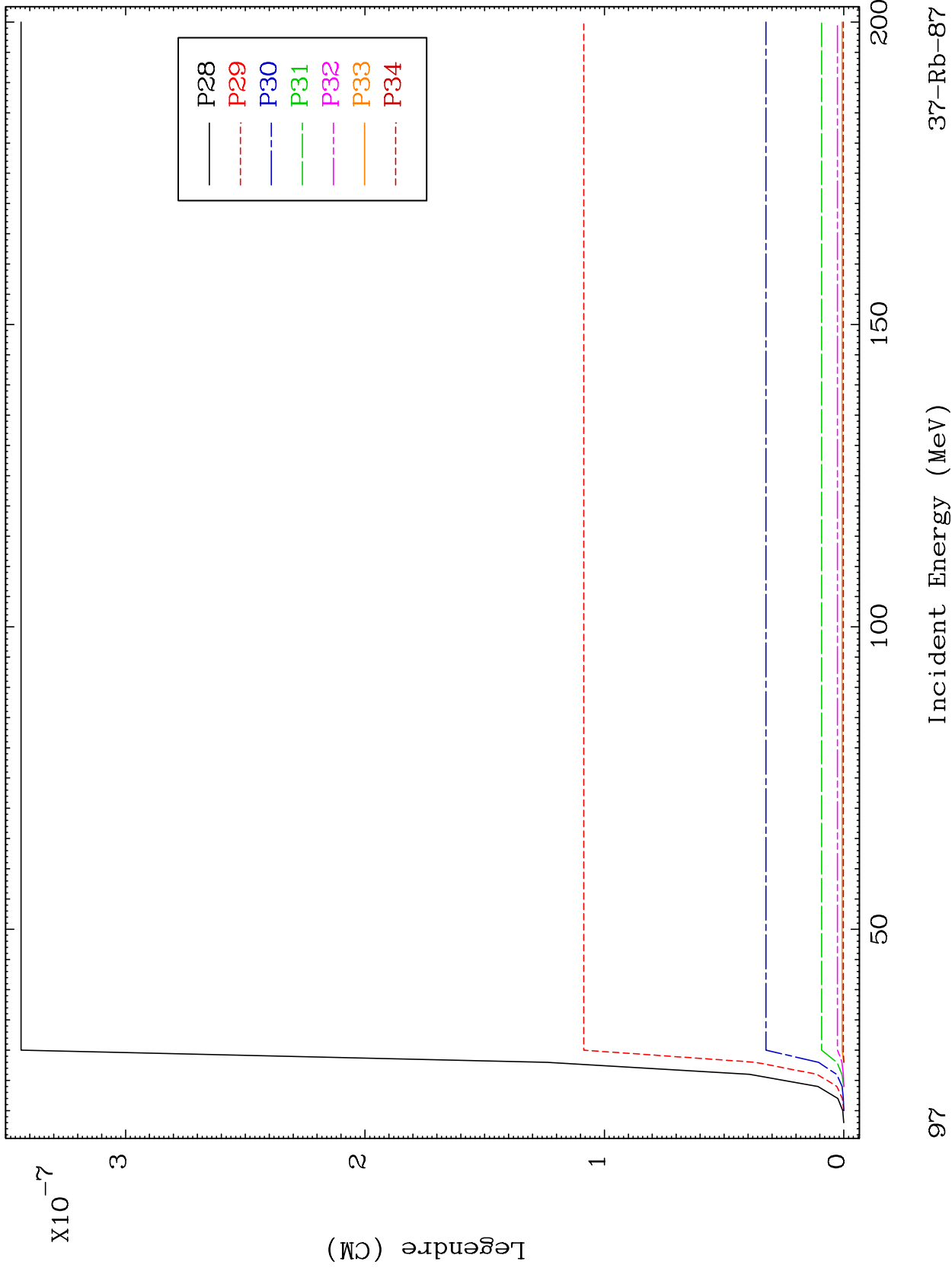


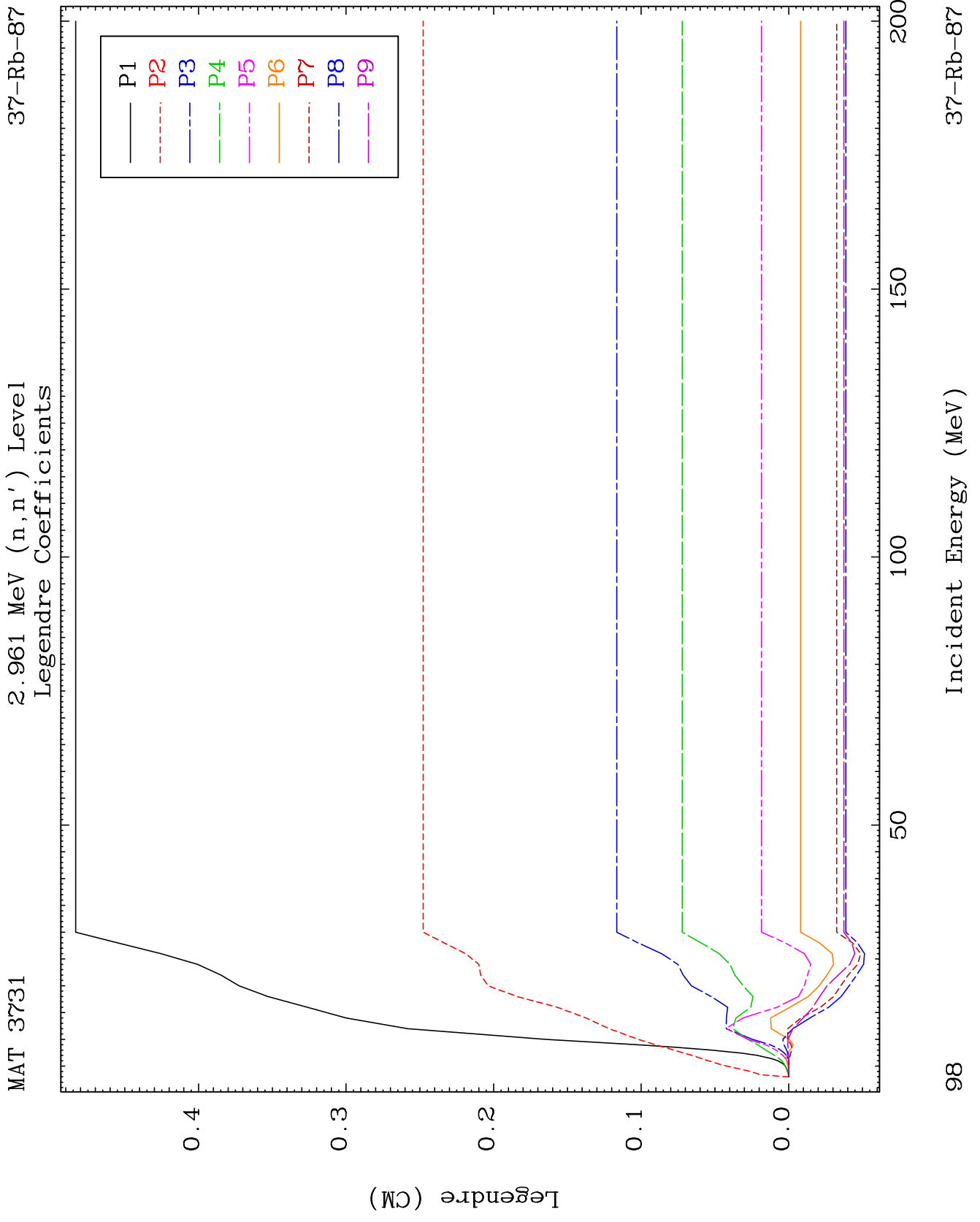


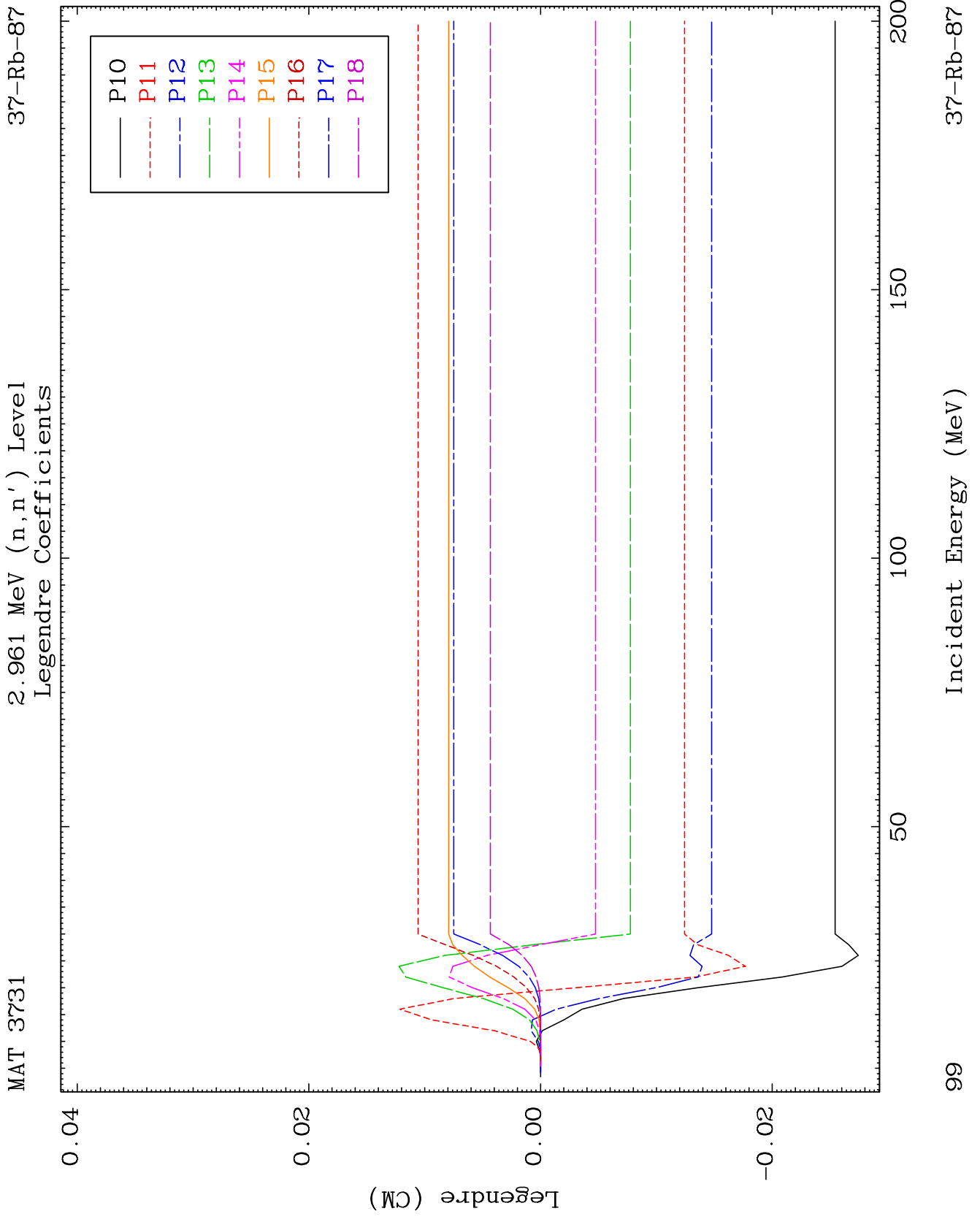
MAT 3731

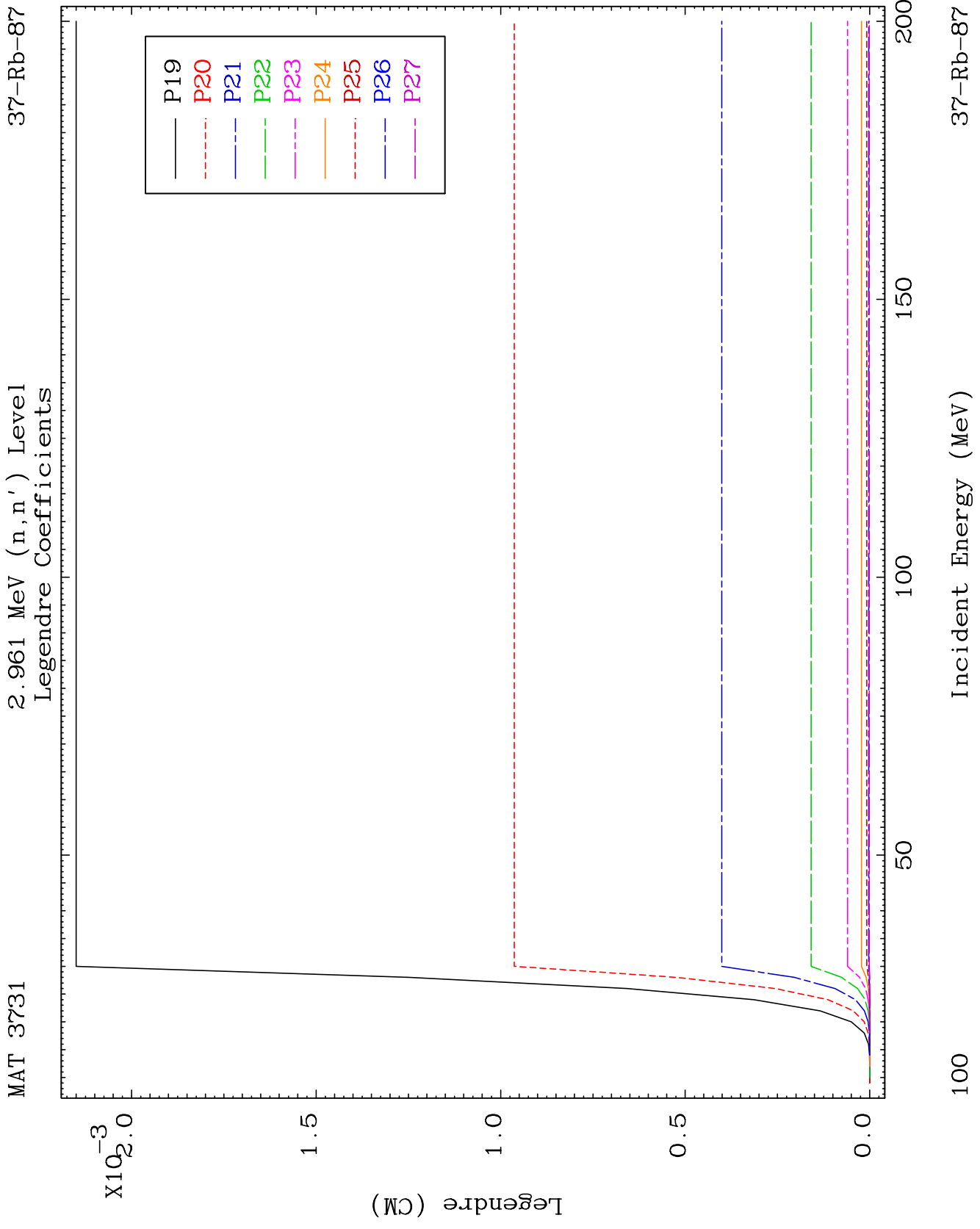
2.811 MeV (n,n') Level
Legendre Coefficients

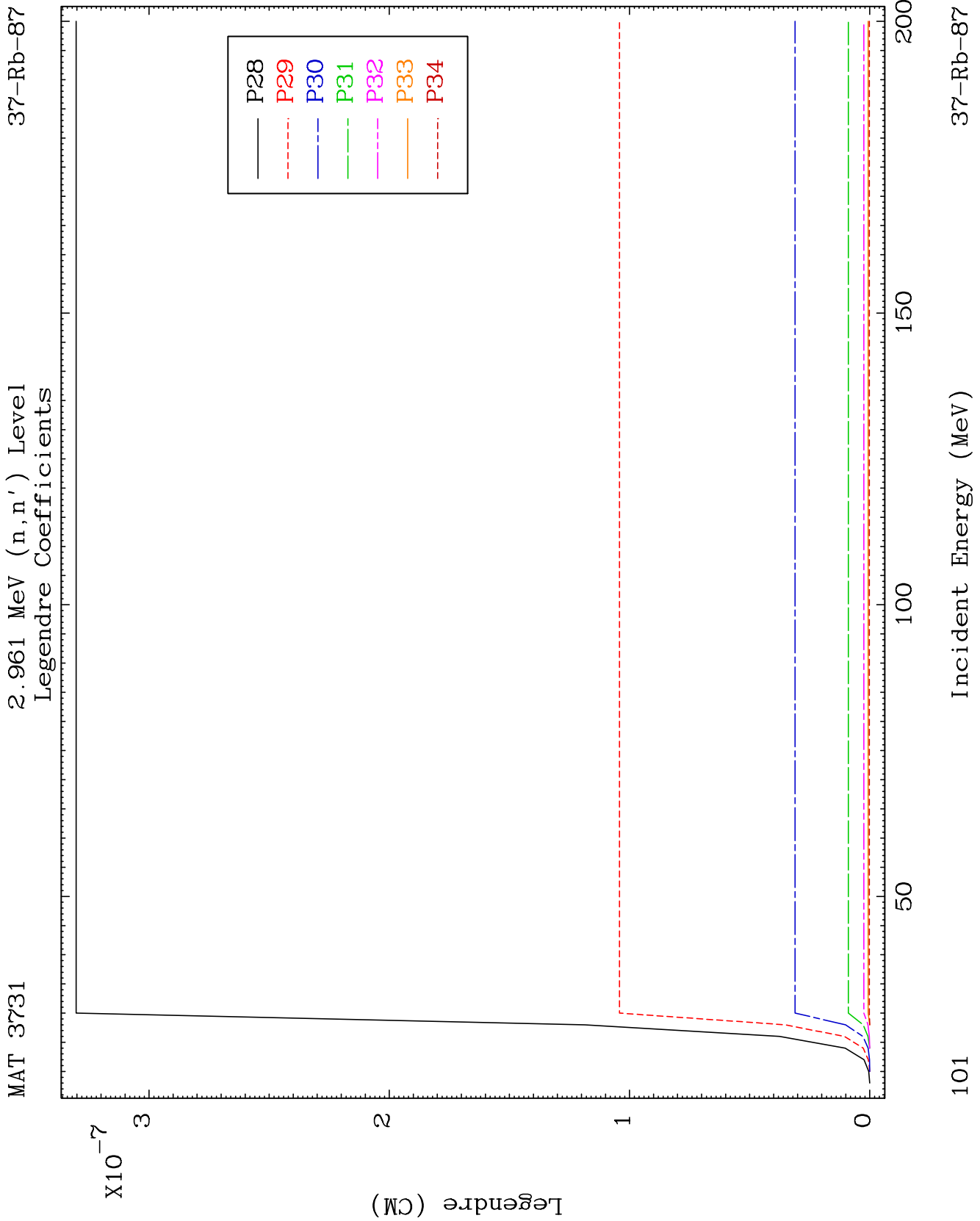
37-Rb-87







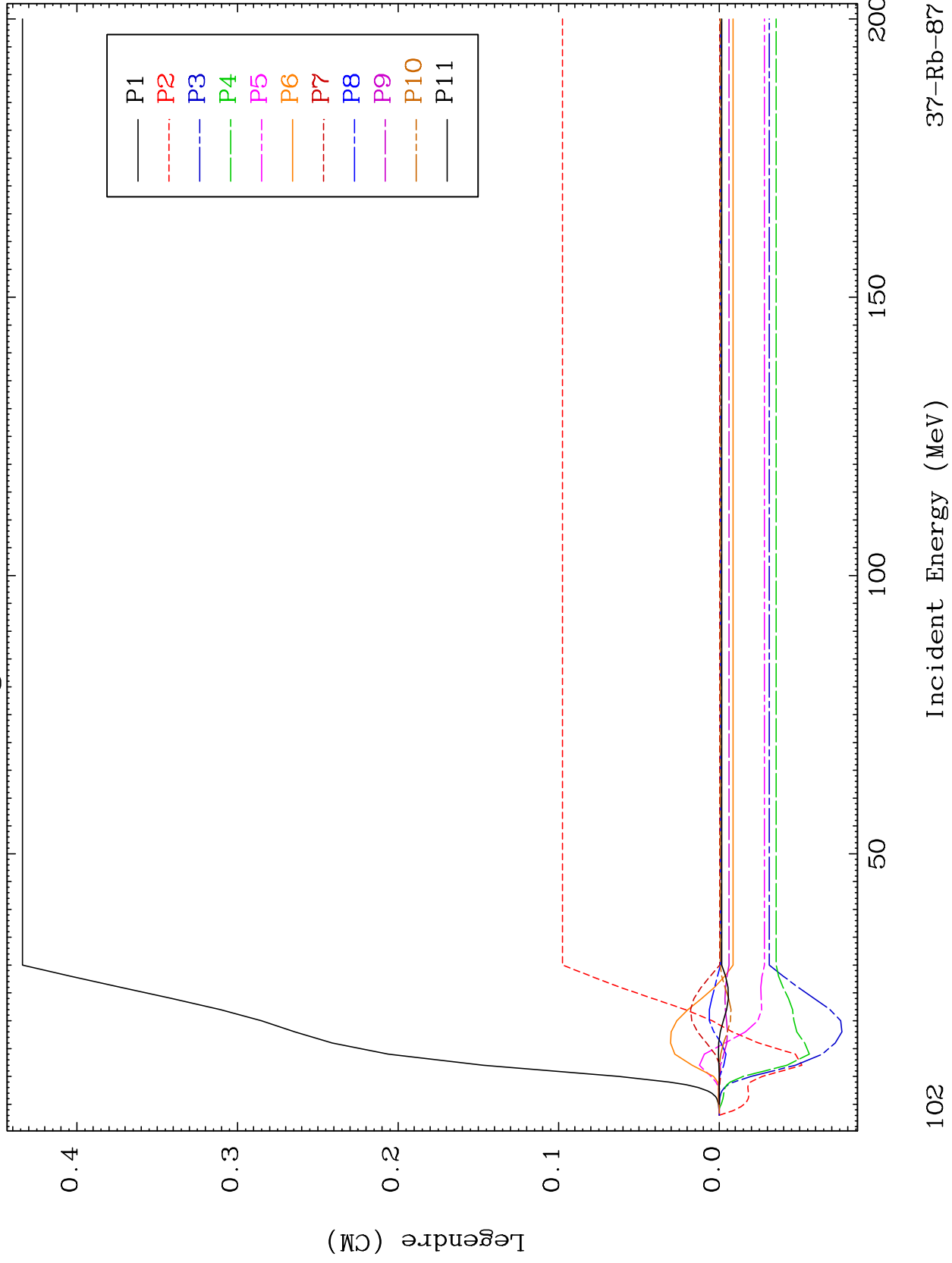




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2.974 MeV (n,n') Level
Legendre Coefficients

37-Rb-87



102

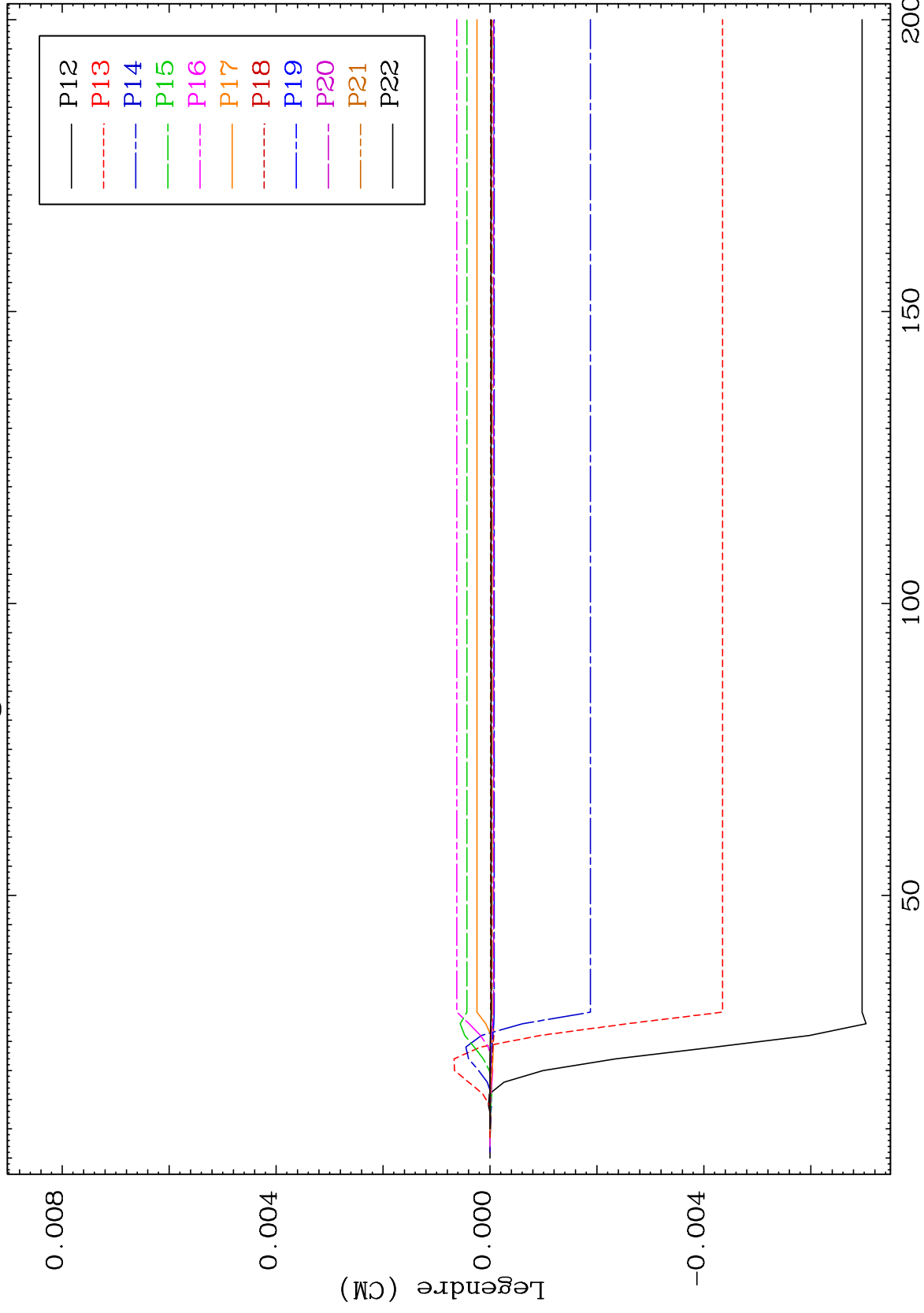
Incident Energy (MeV)

37-Rb-87

MAT 3731

2.974 MeV (n,n') Level
Legendre Coefficients

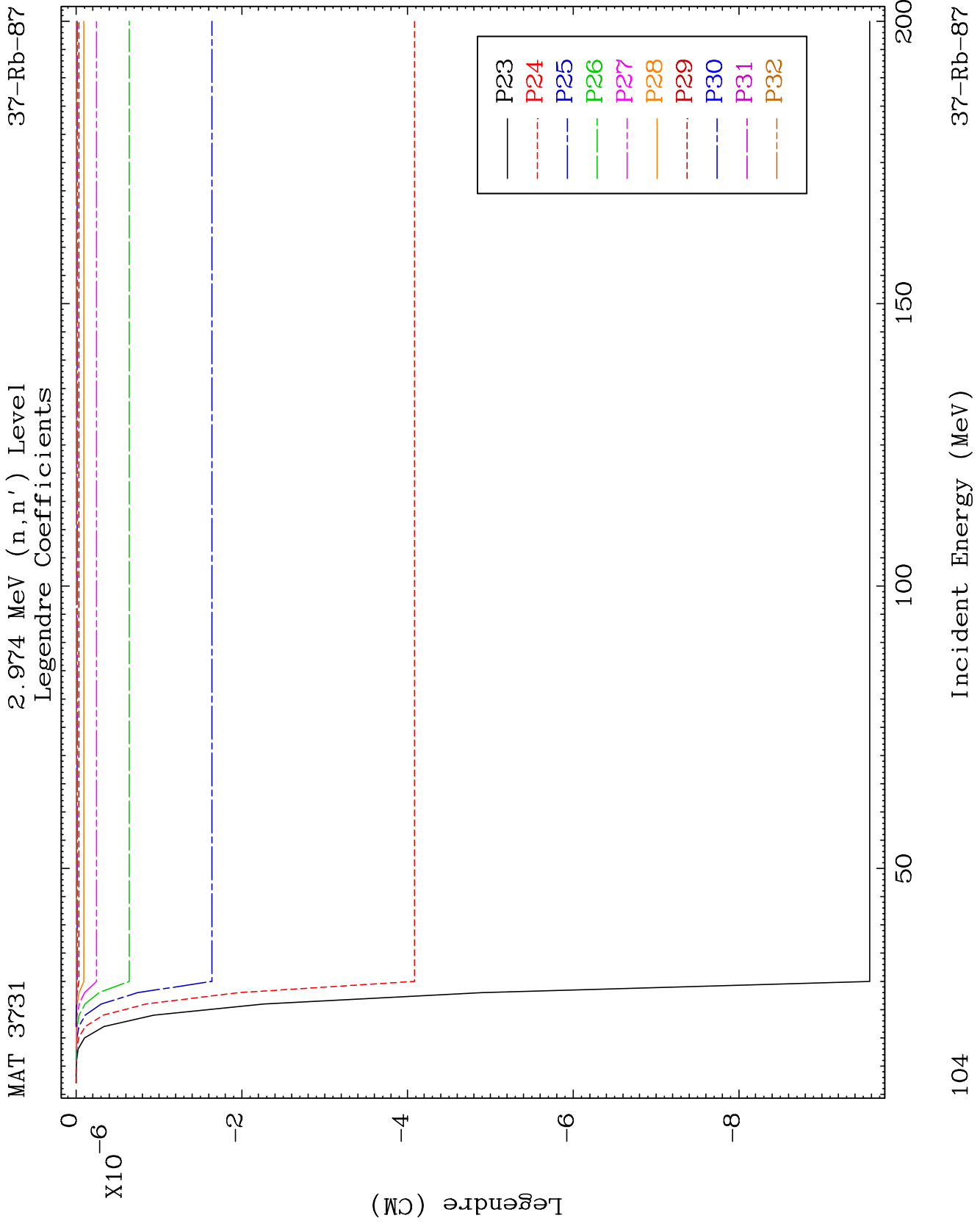
37-Rb-87

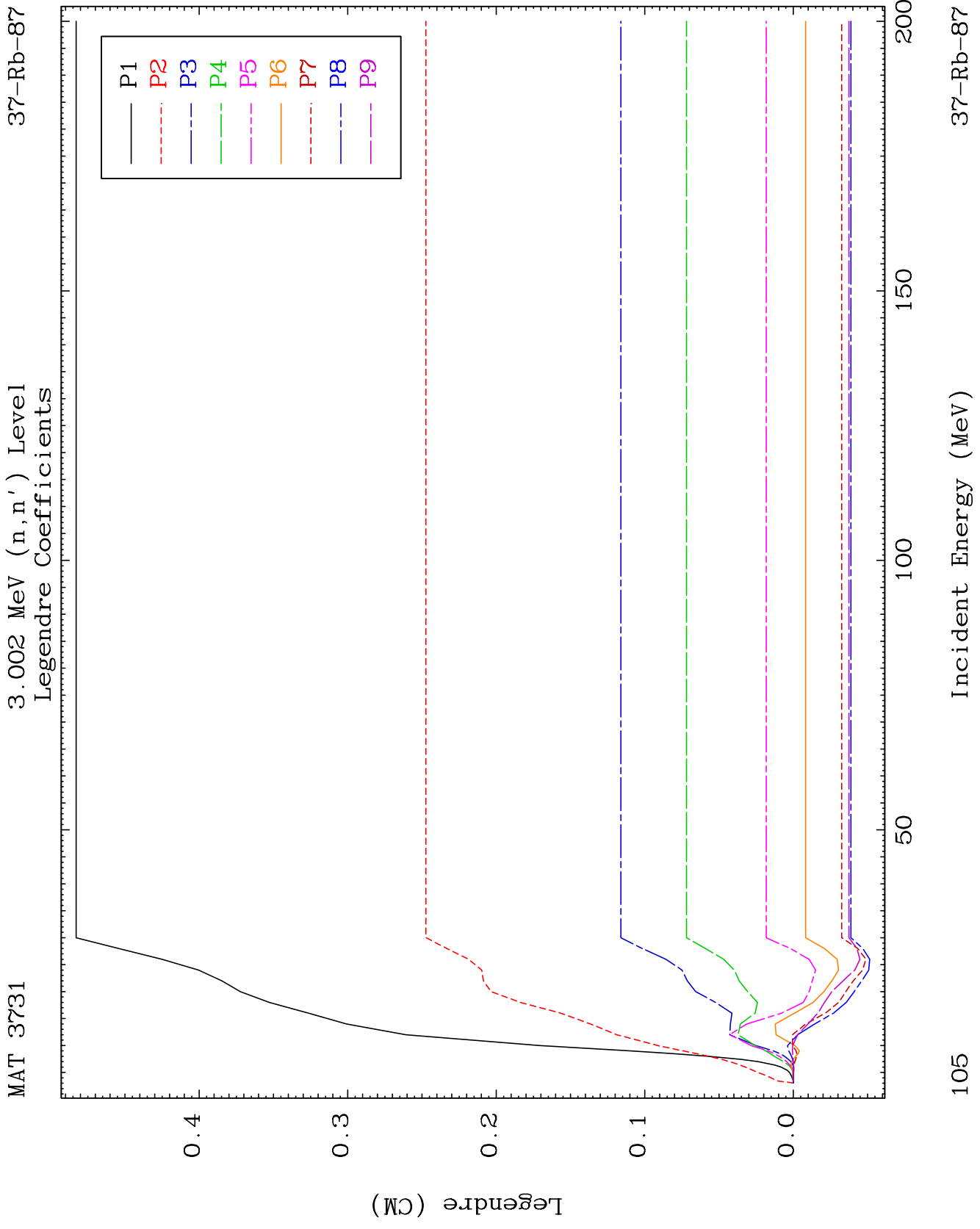


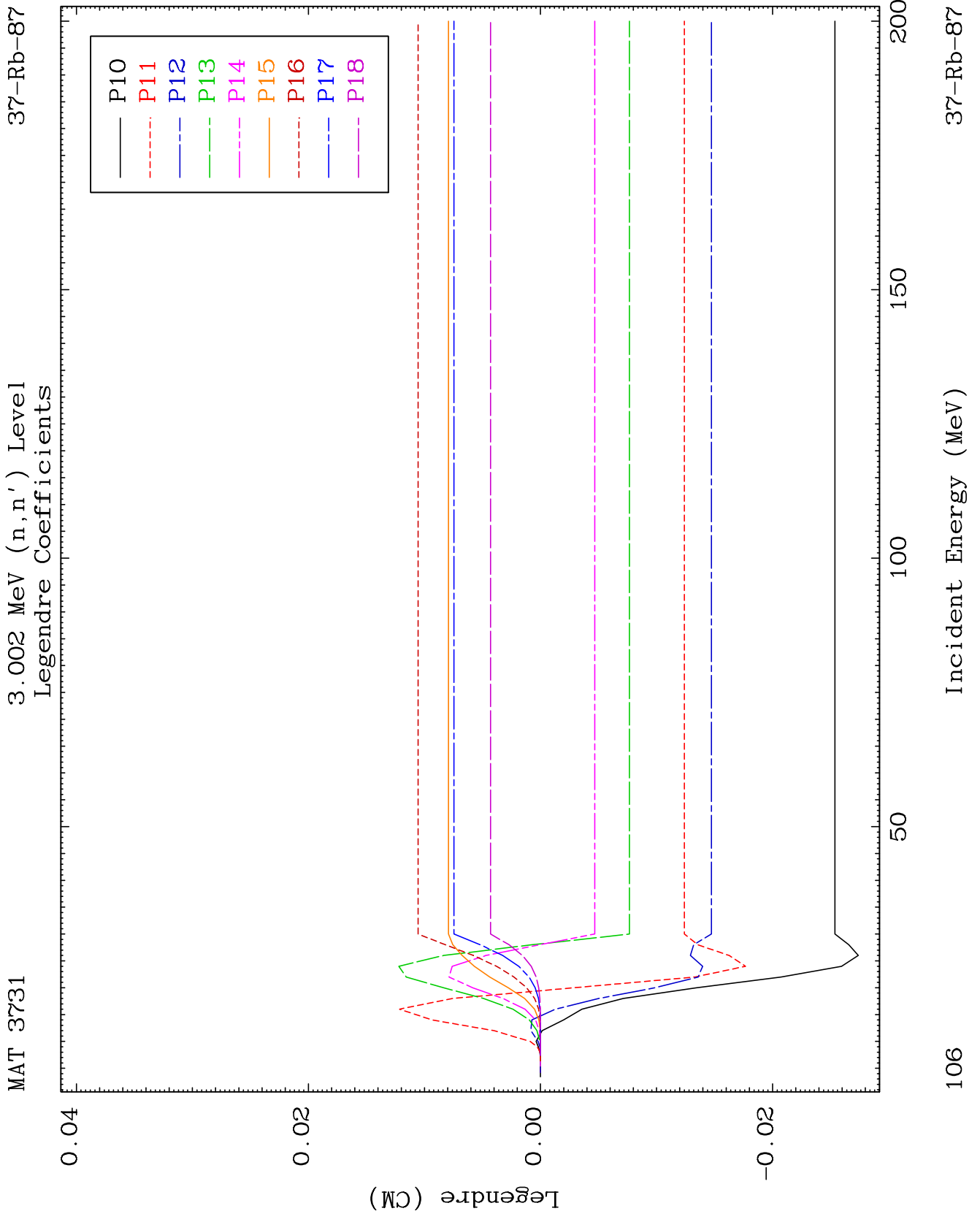
103

Incident Energy (MeV)

37-Rb-87



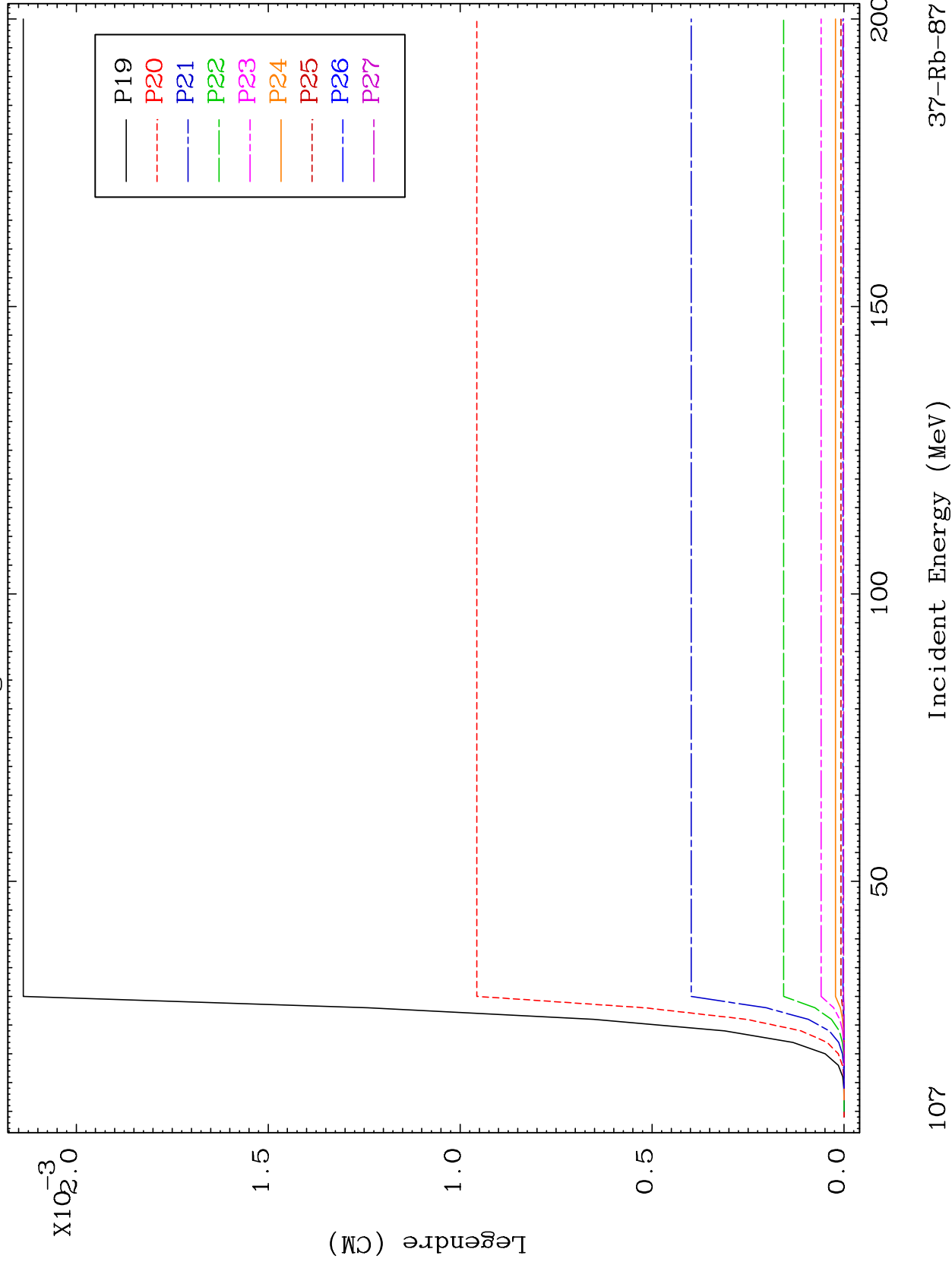




MAT 3731

3.002 MeV (n,n') Level
Legendre Coefficients

37-Rb-87



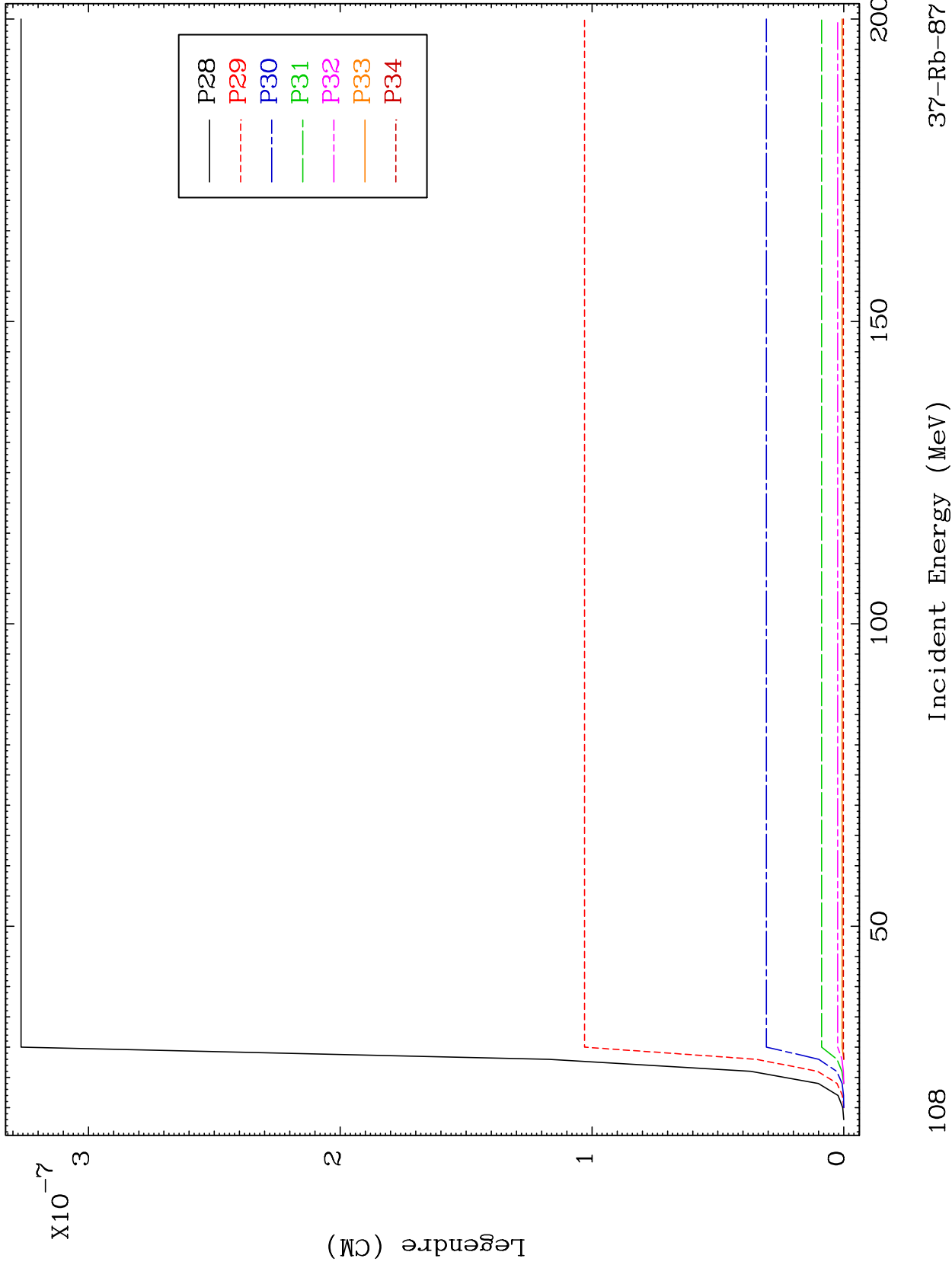
107

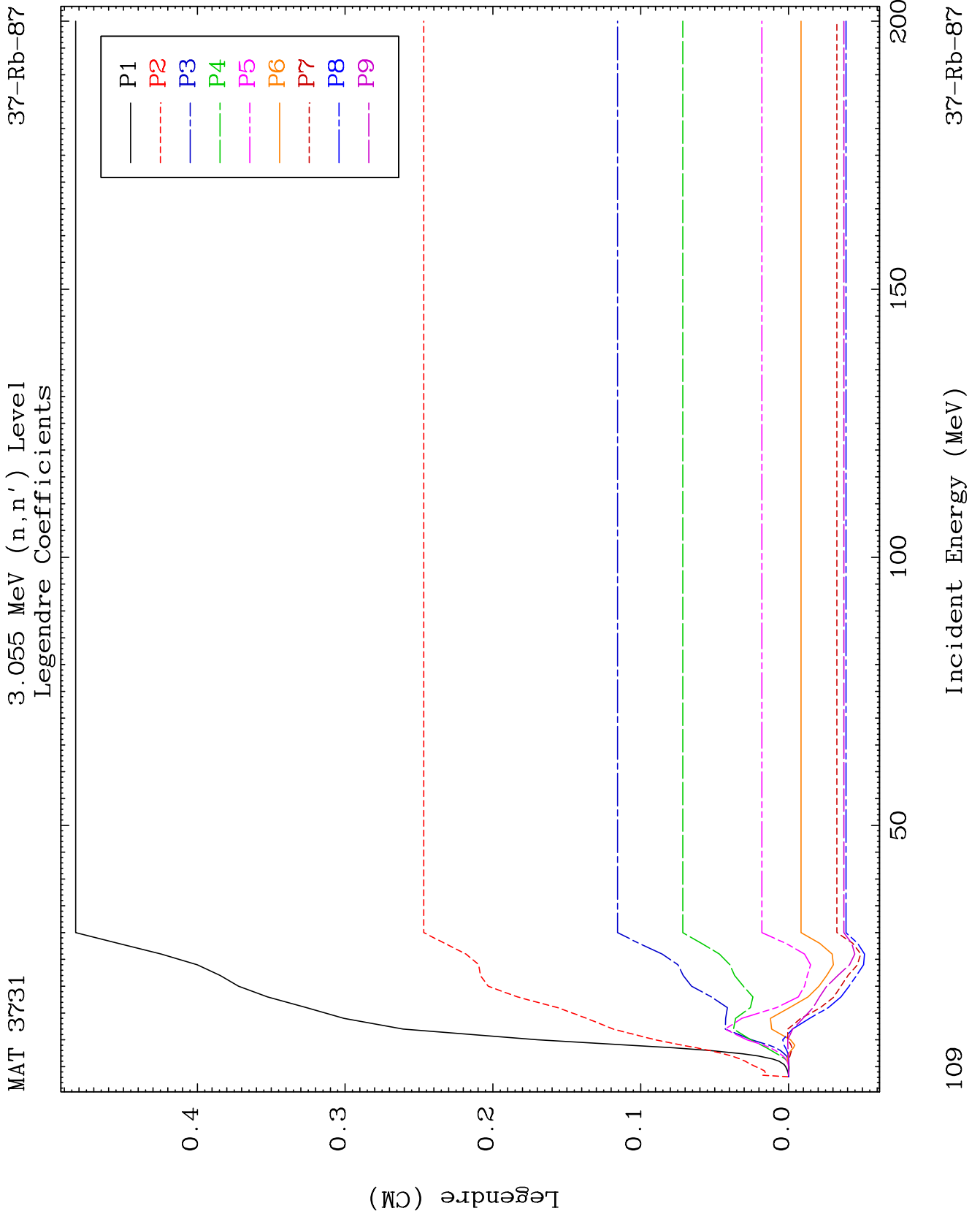
37-Rb-87

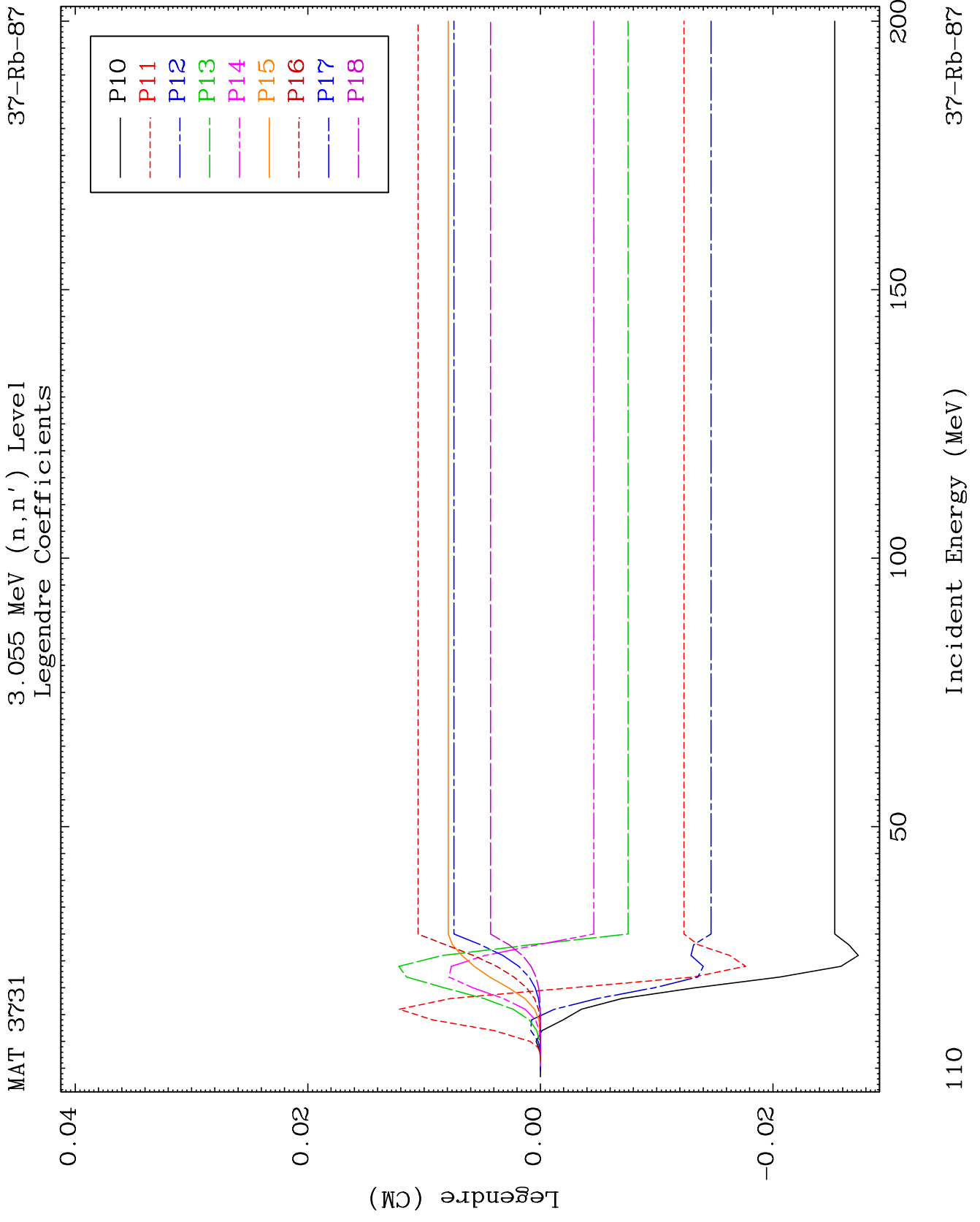
MAT 3731

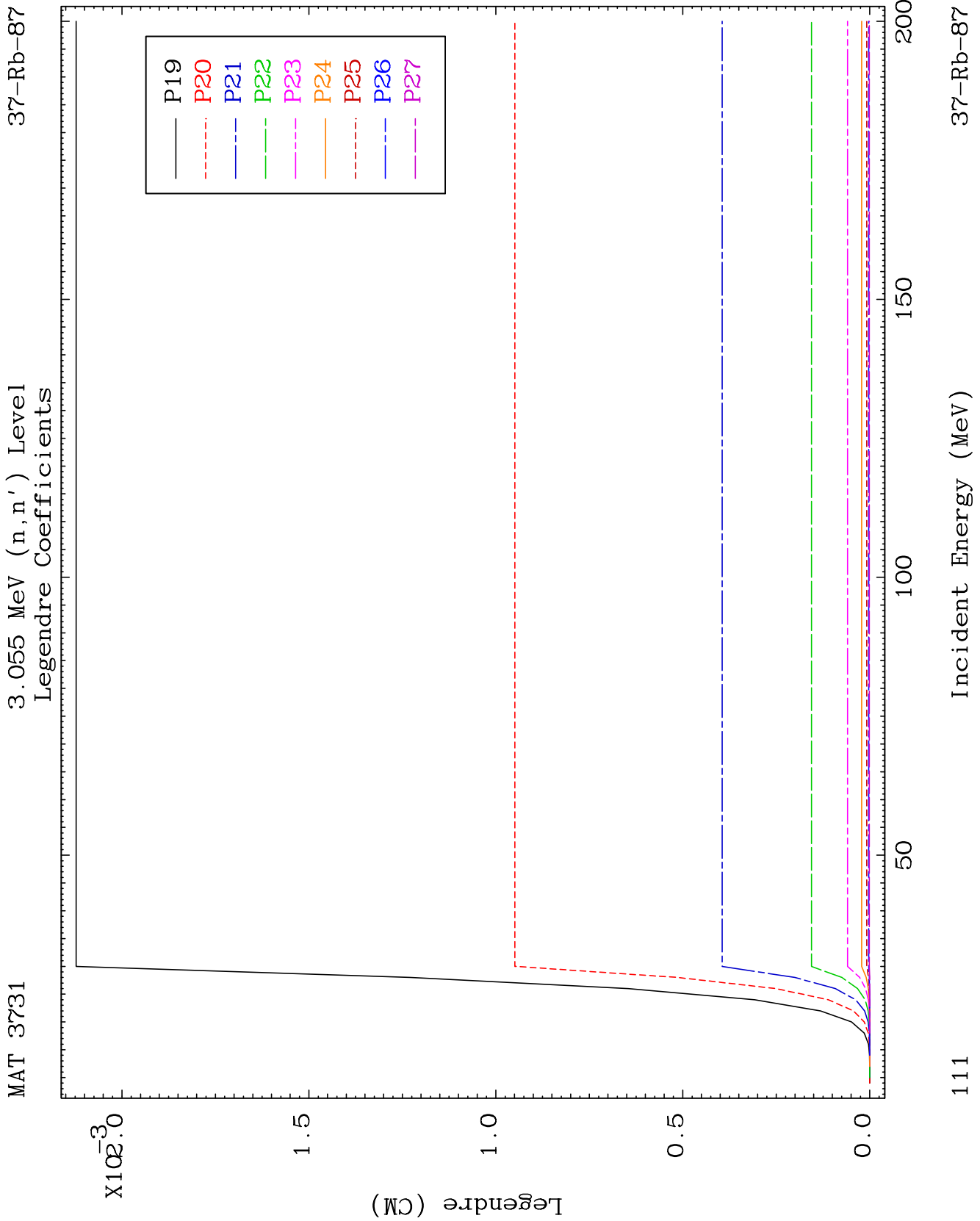
3.002 MeV (n,n') Level
Legendre Coefficients

37-Rb-87





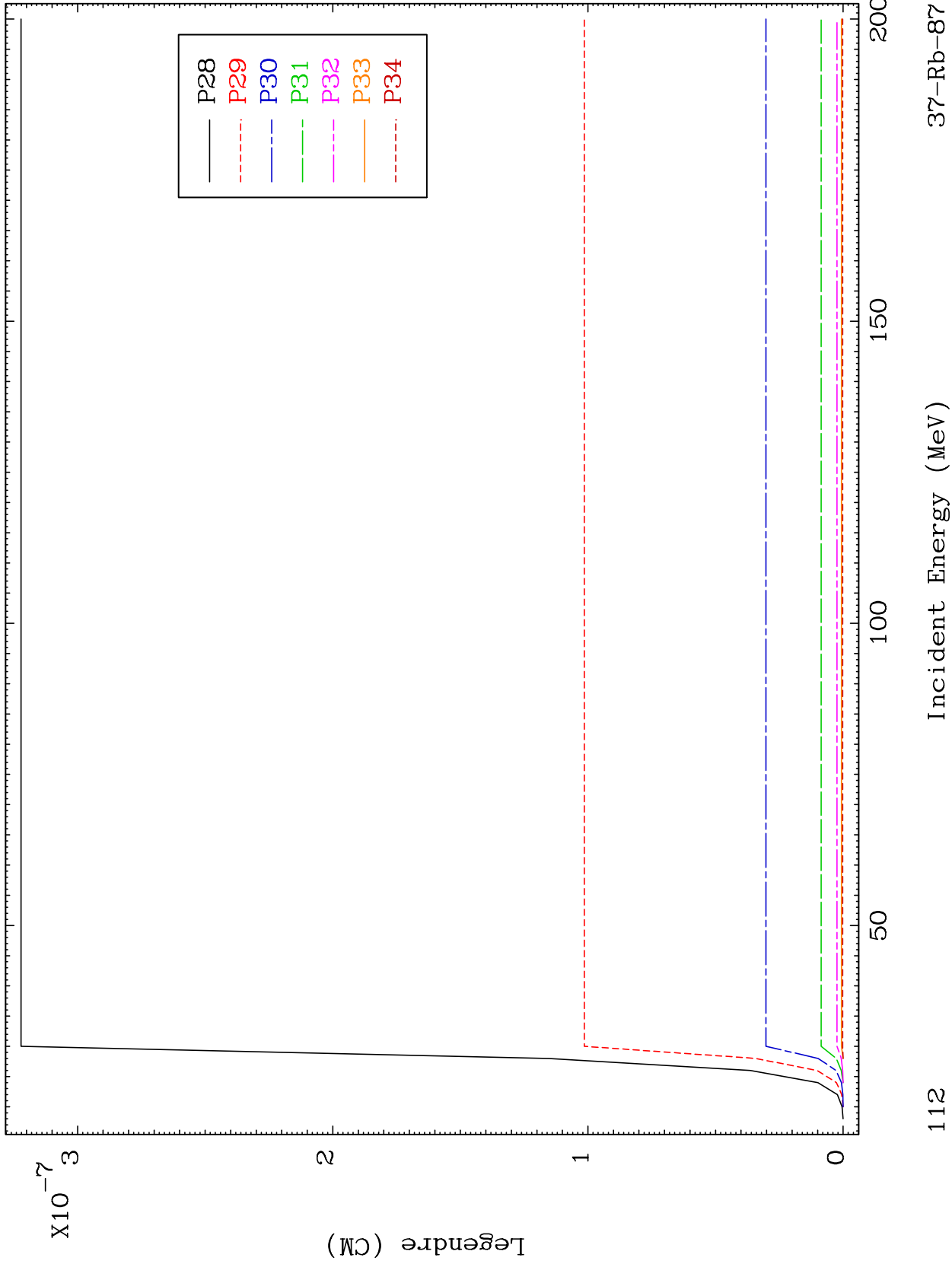




MAT 3731

3.055 MeV (n,n') Level
Legendre Coefficients

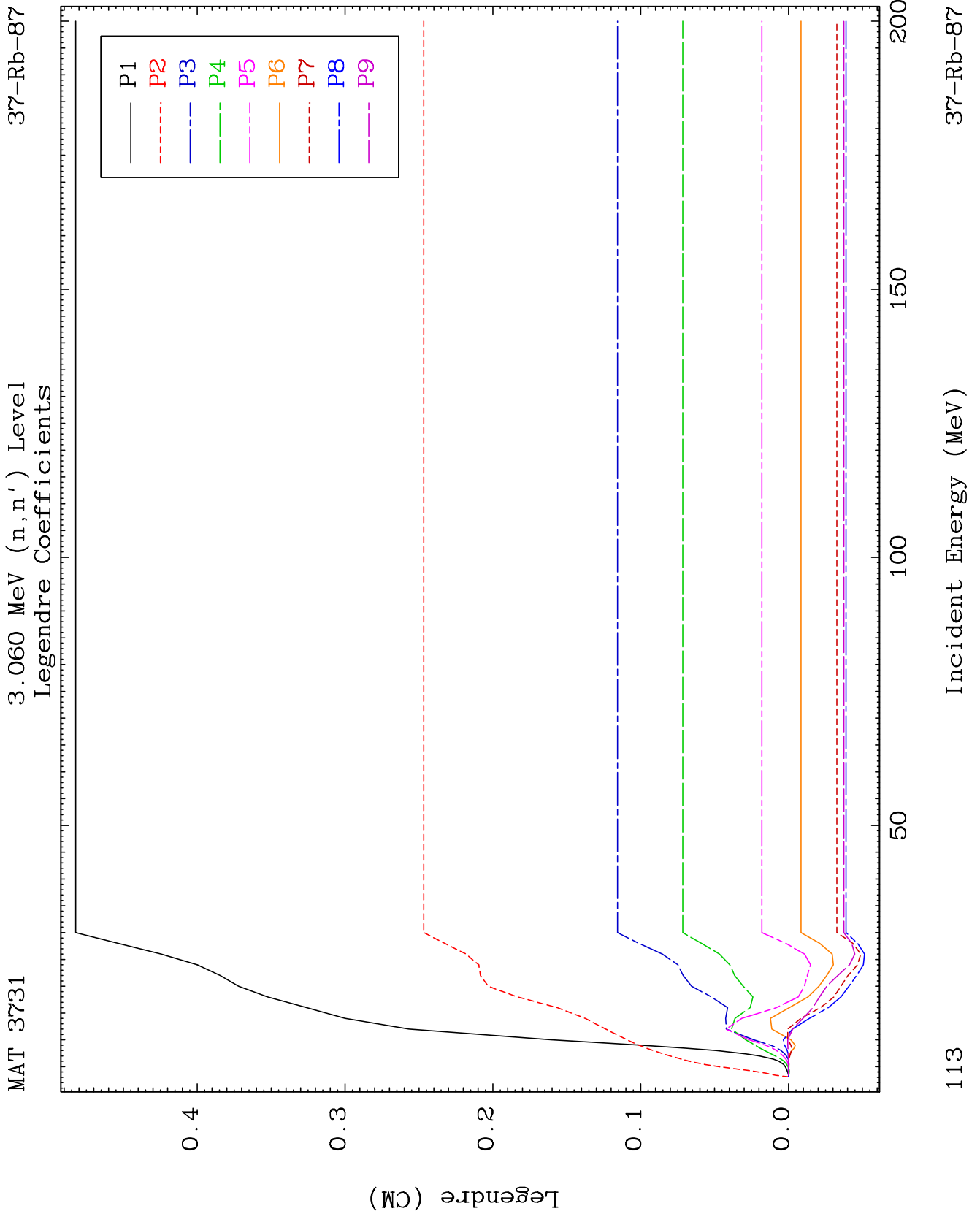
37-Rb-87

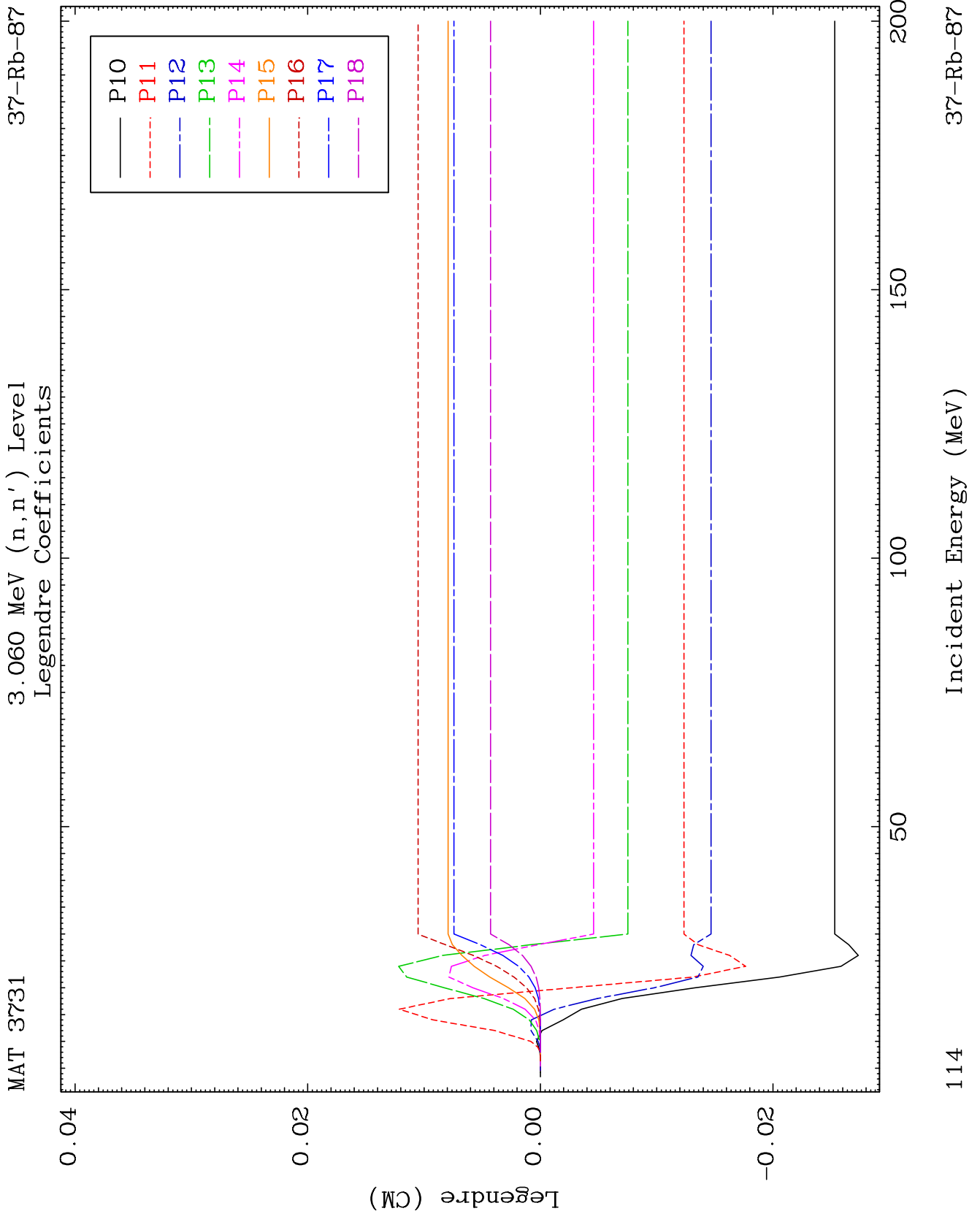


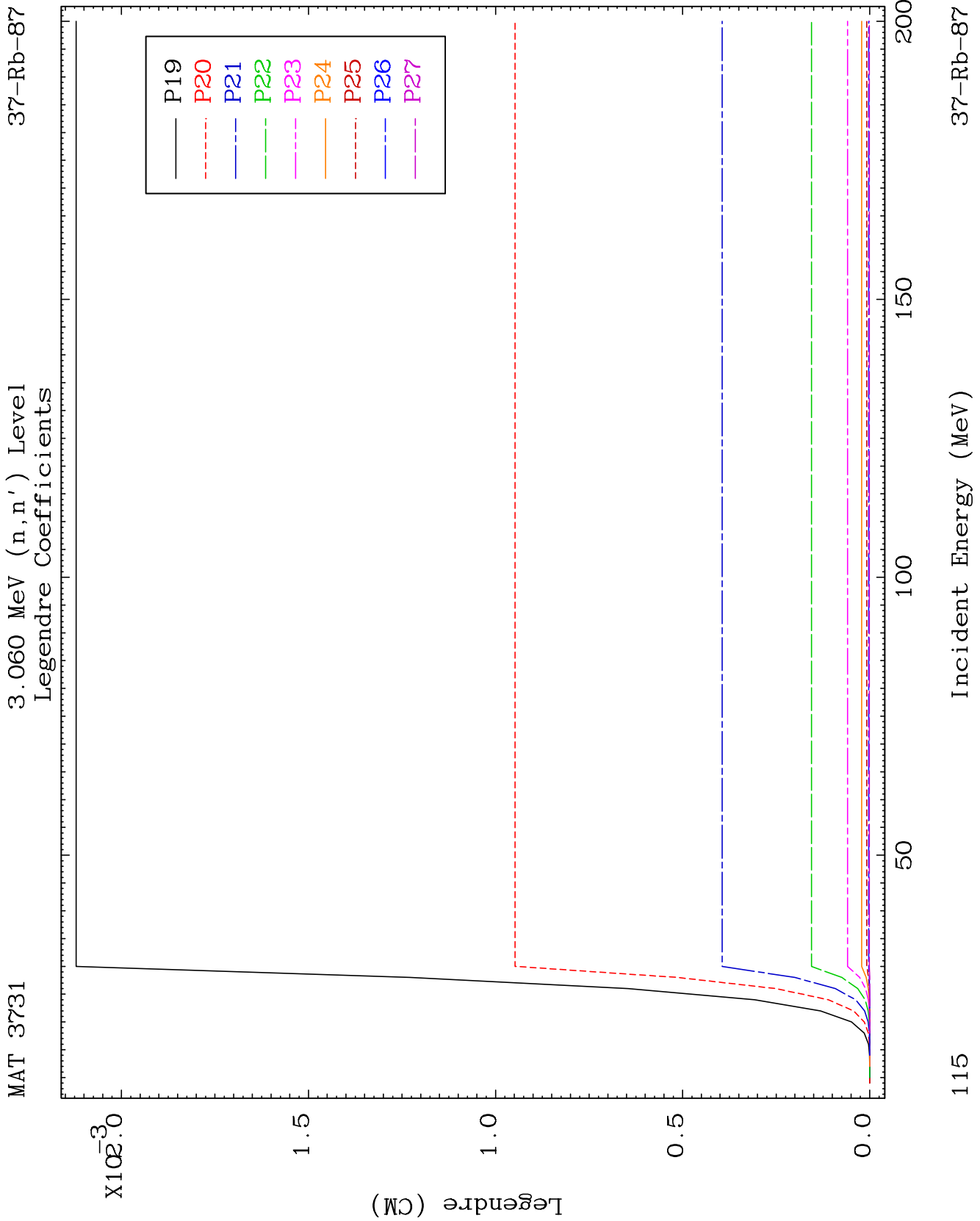
112

Incident Energy (MeV)

37-Rb-87



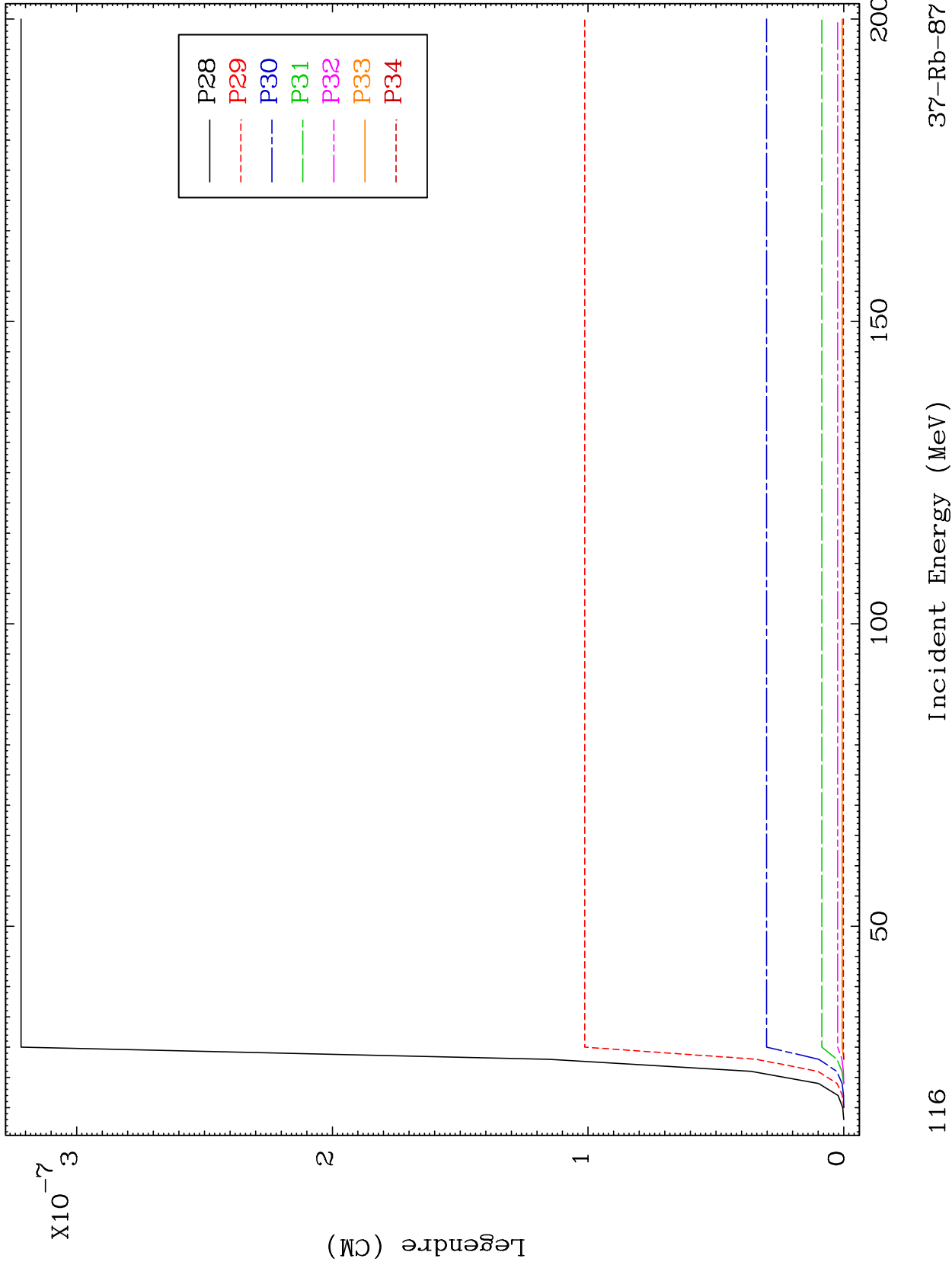




MAT 3731

3.060 MeV (n,n') Level
Legendre Coefficients

37-Rb-87



116

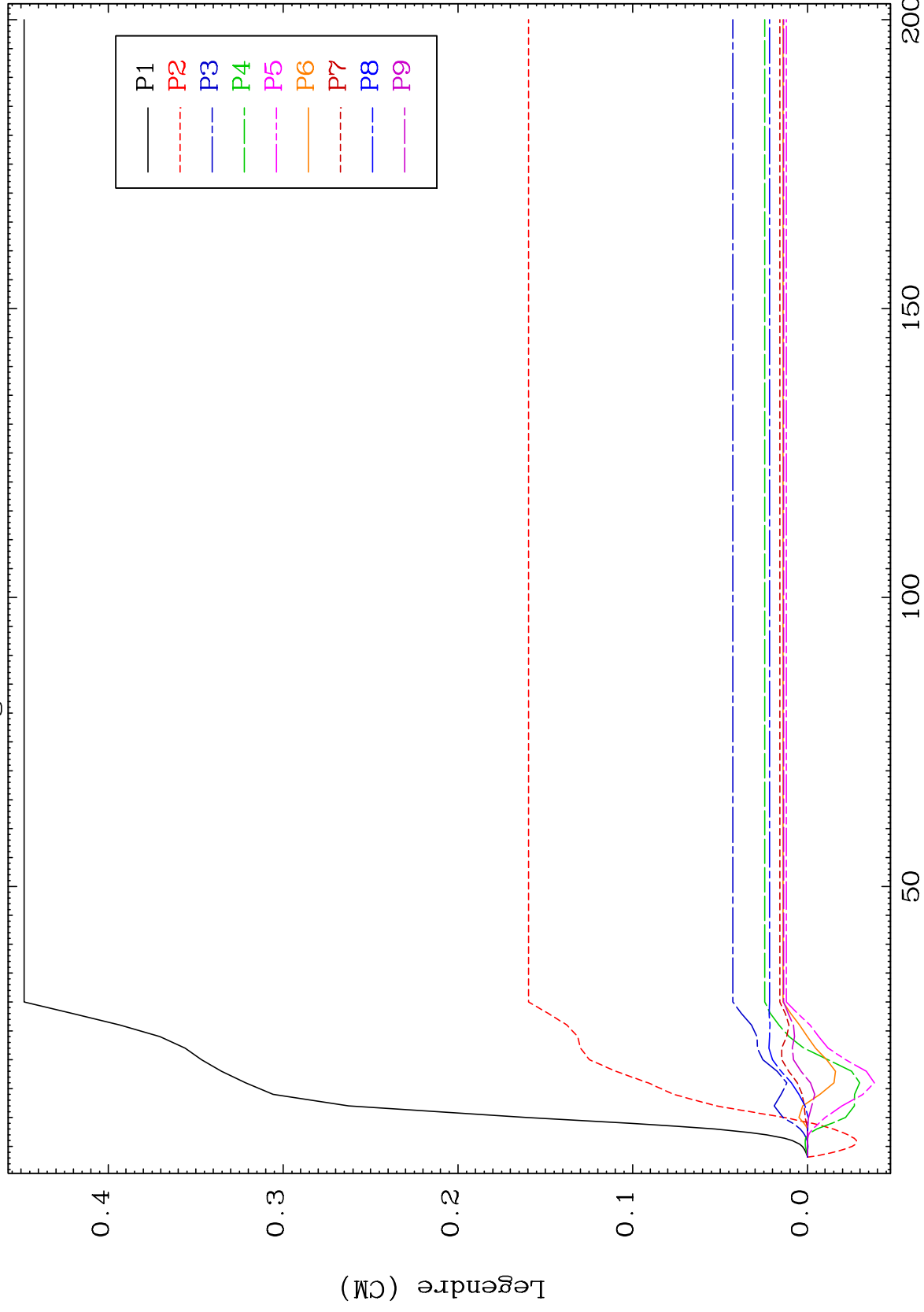
Incident Energy (MeV)

37-Rb-87

MAT 3731

3.099 MeV (n,n') Level
Legendre Coefficients

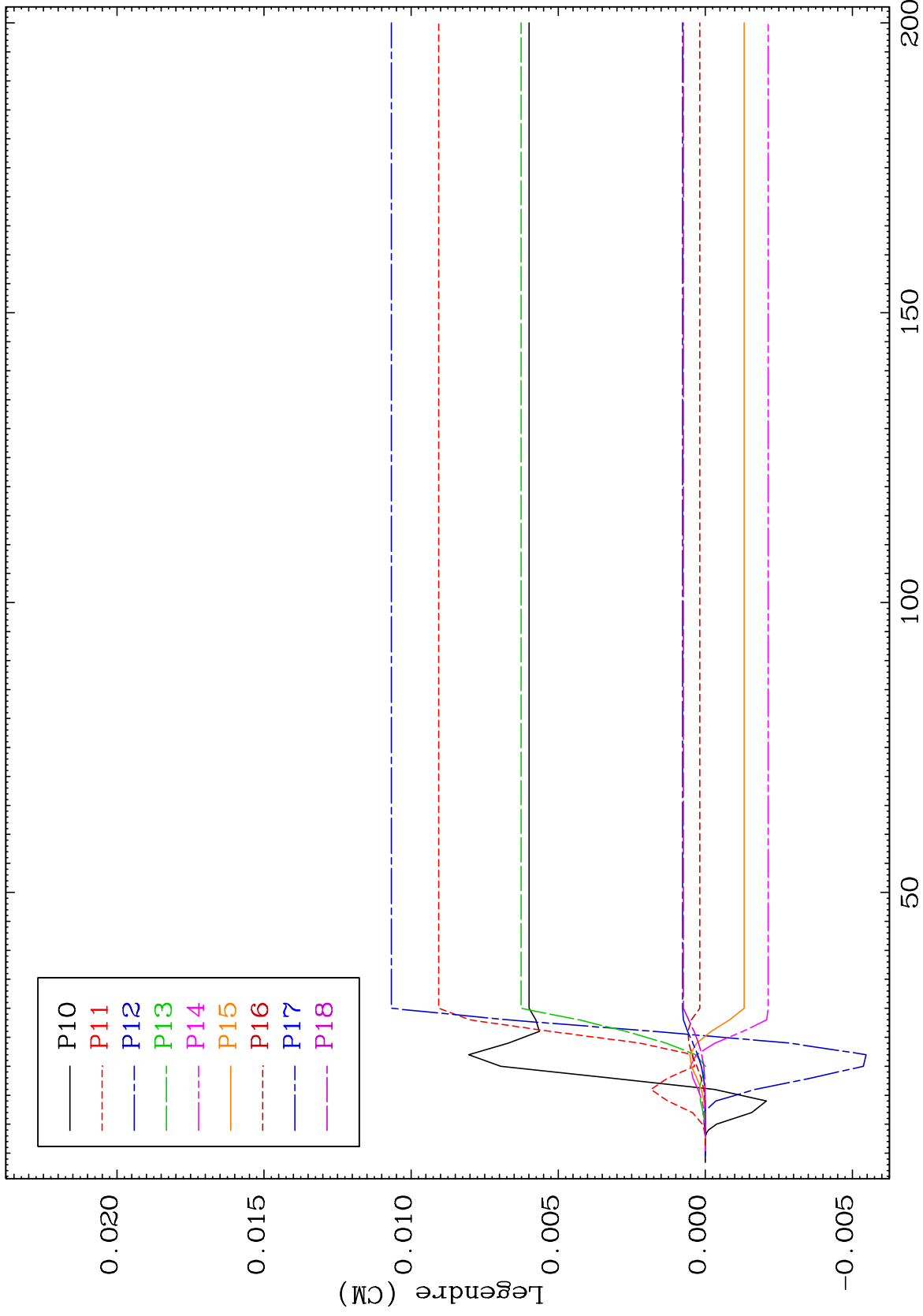
37-Rb-87

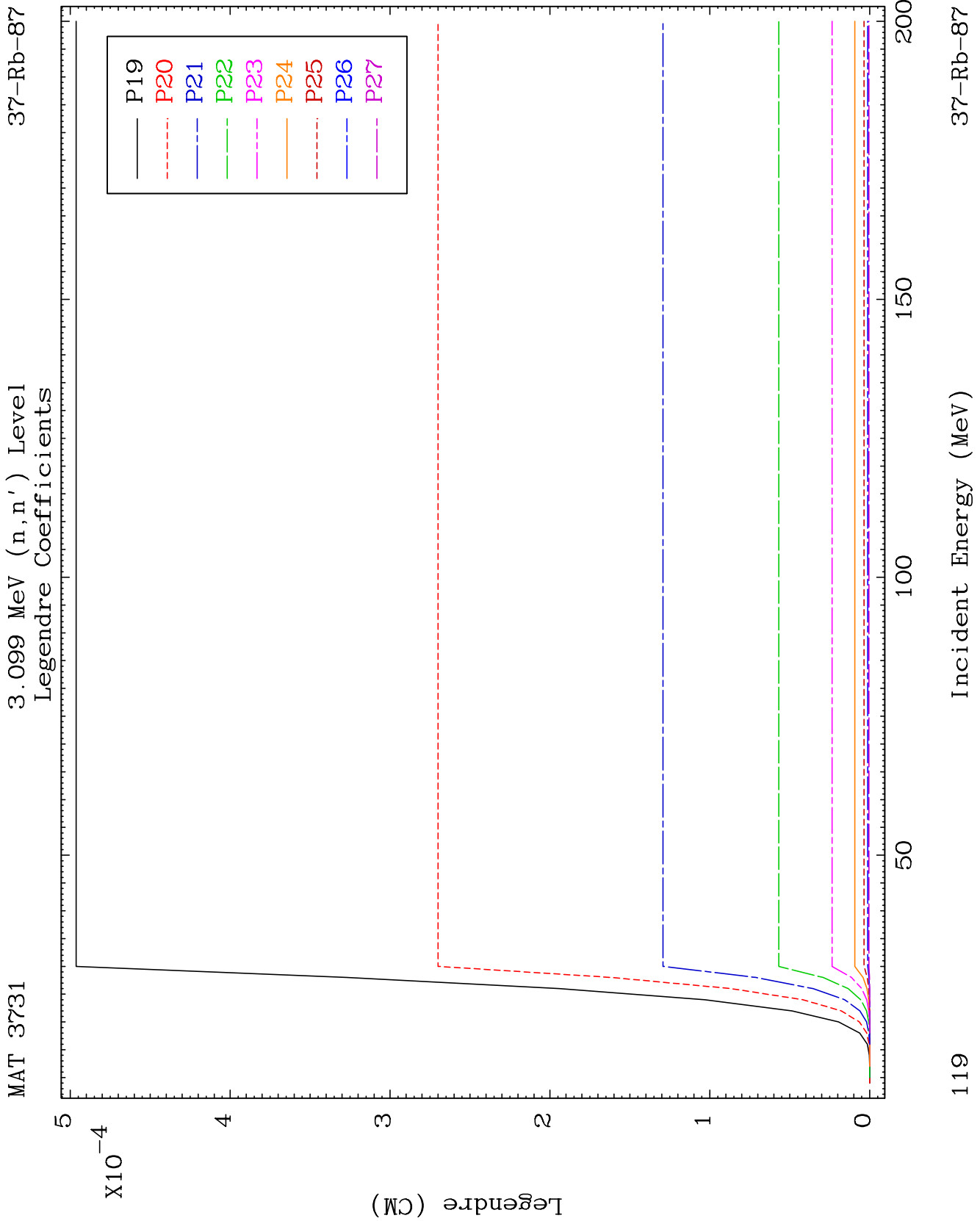


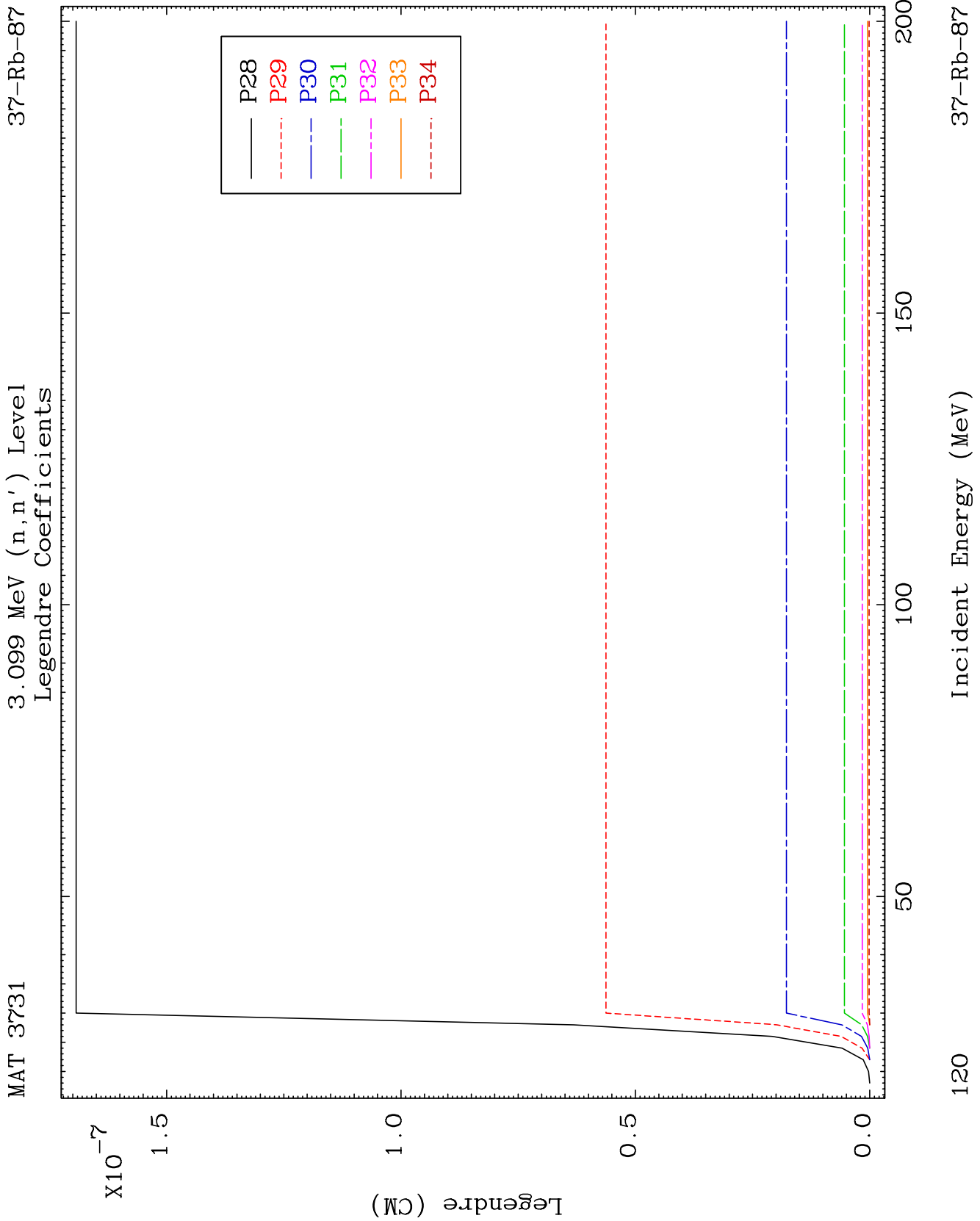
117

Incident Energy (MeV)

37-Rb-87



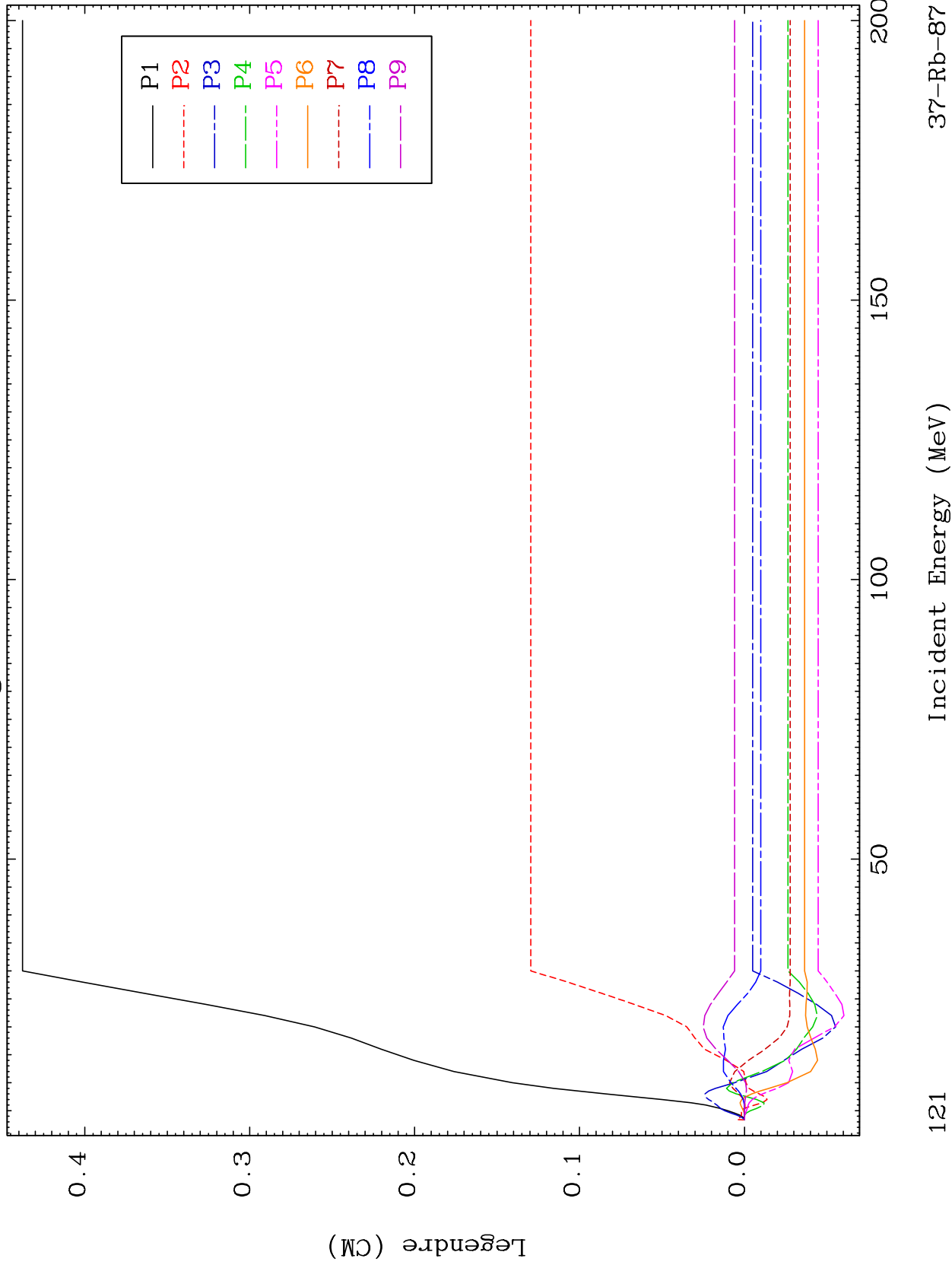




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3.308 MeV (n,n') Level
Legendre Coefficients

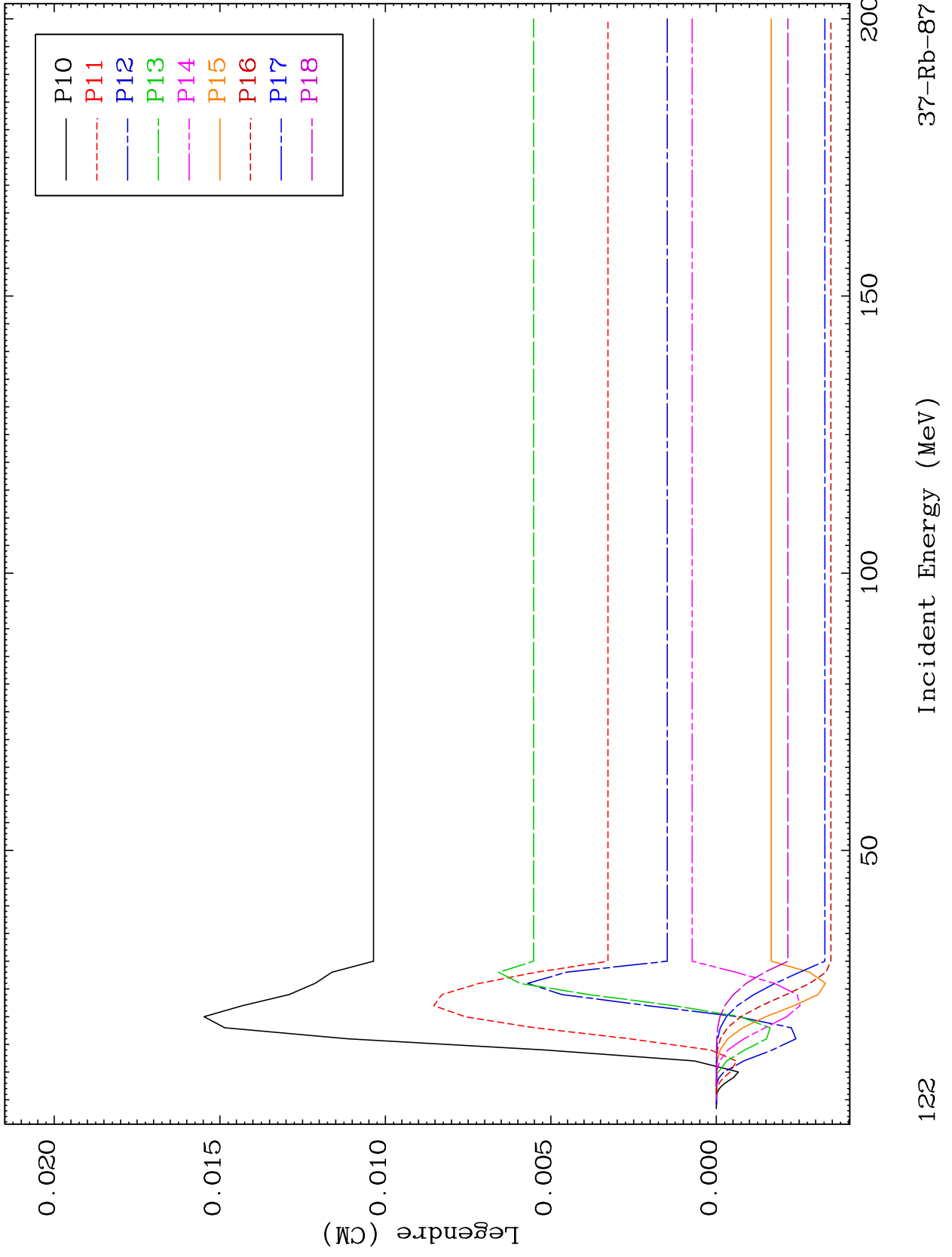
37-Rb-87

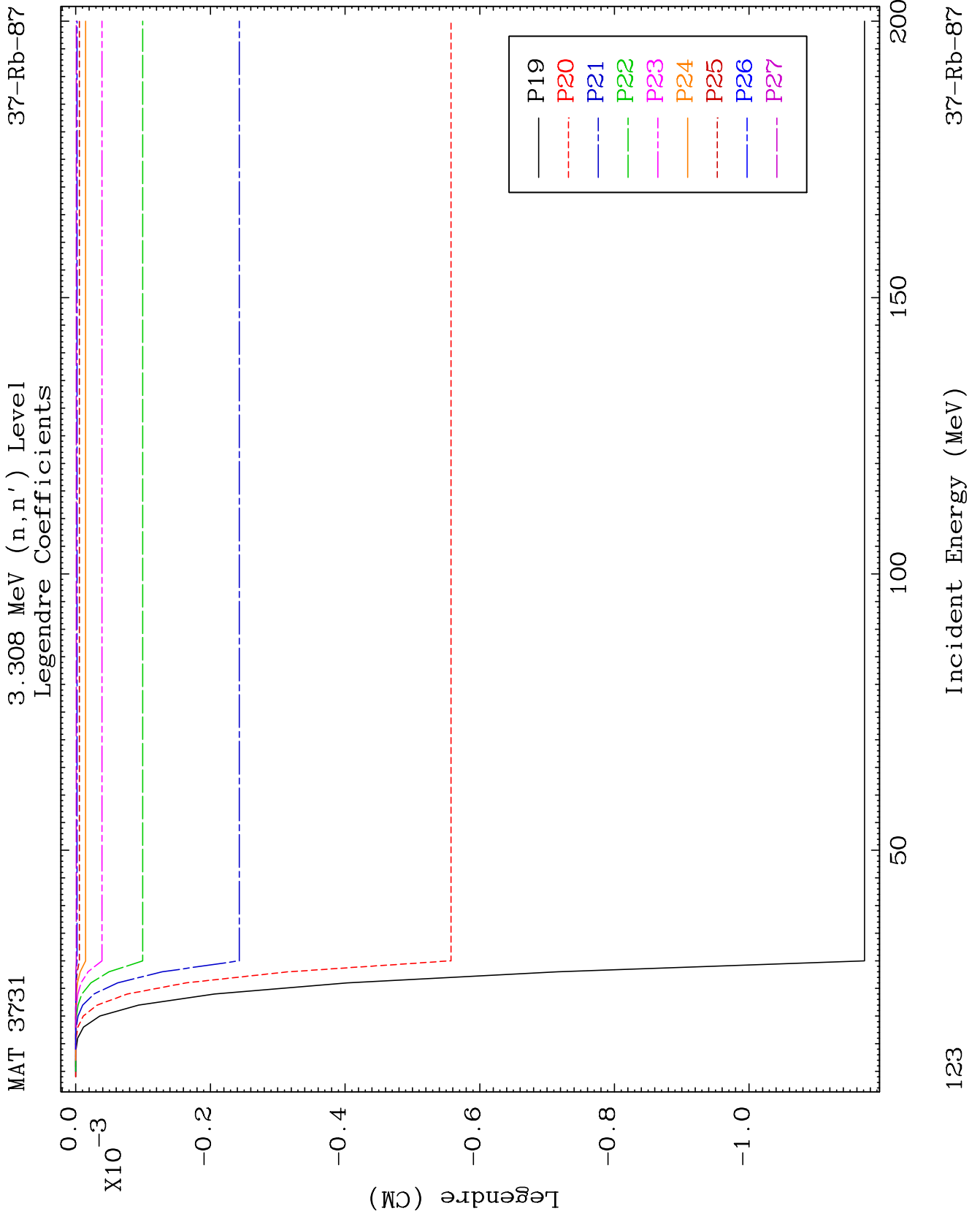


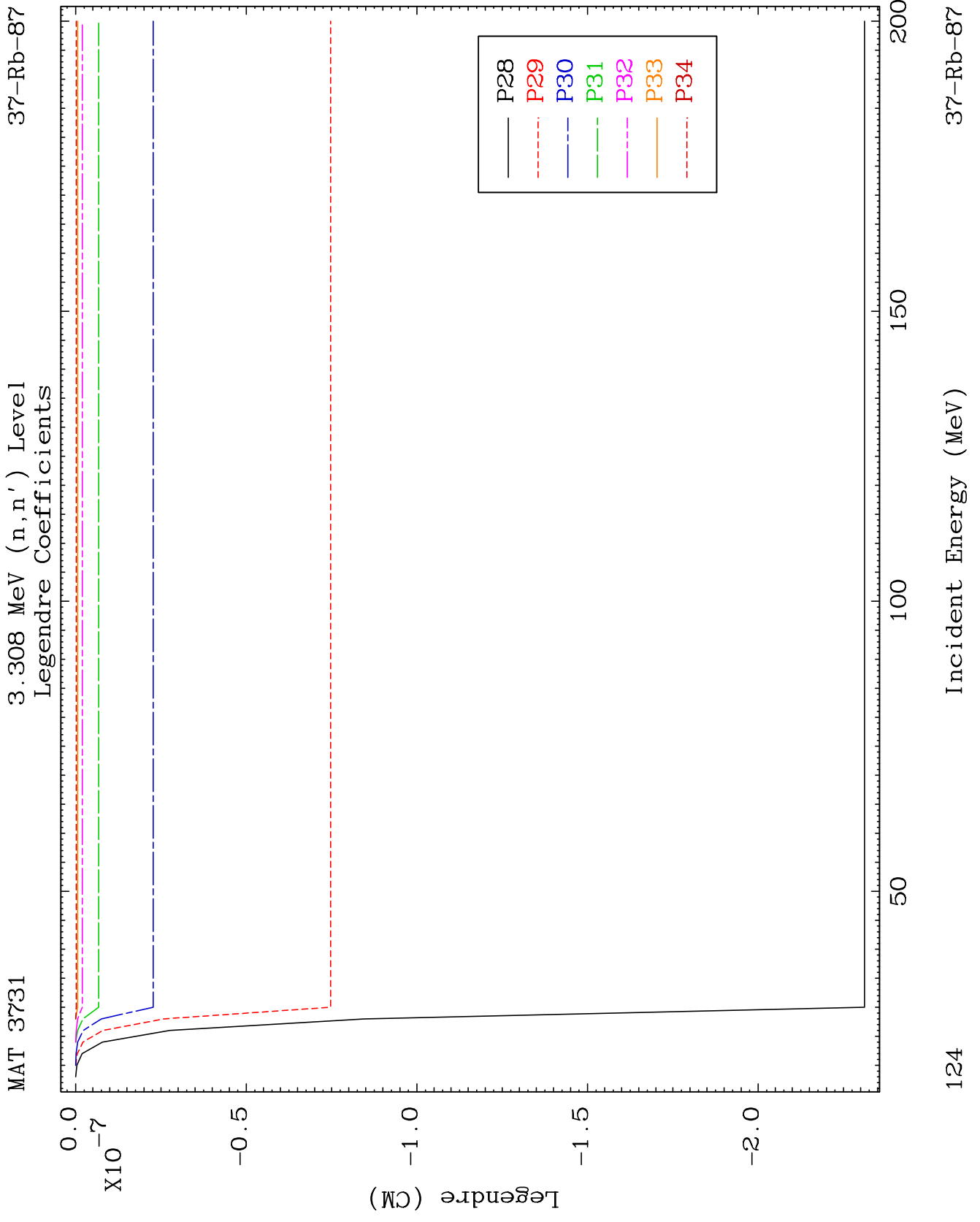
121

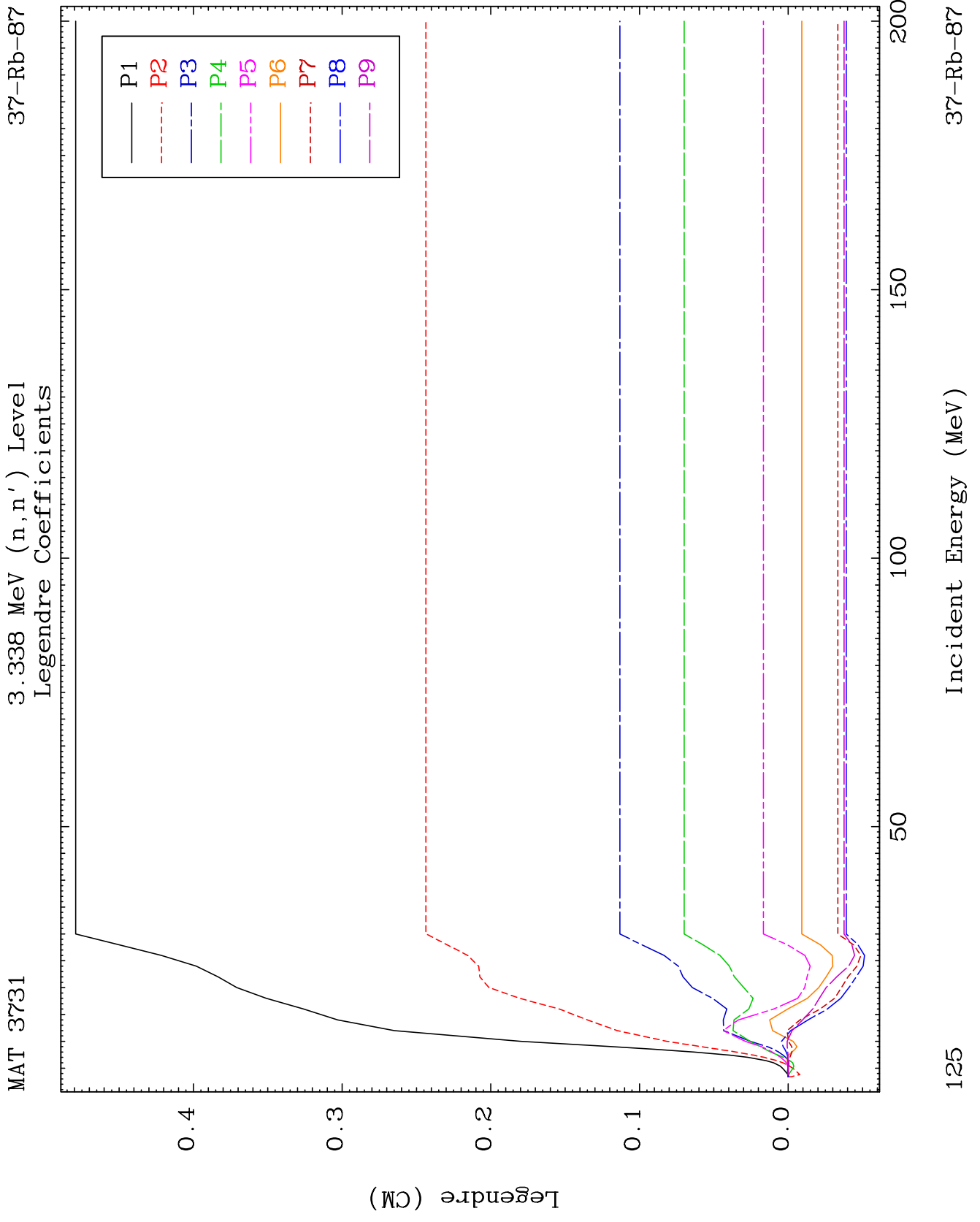
Incident Energy (MeV)

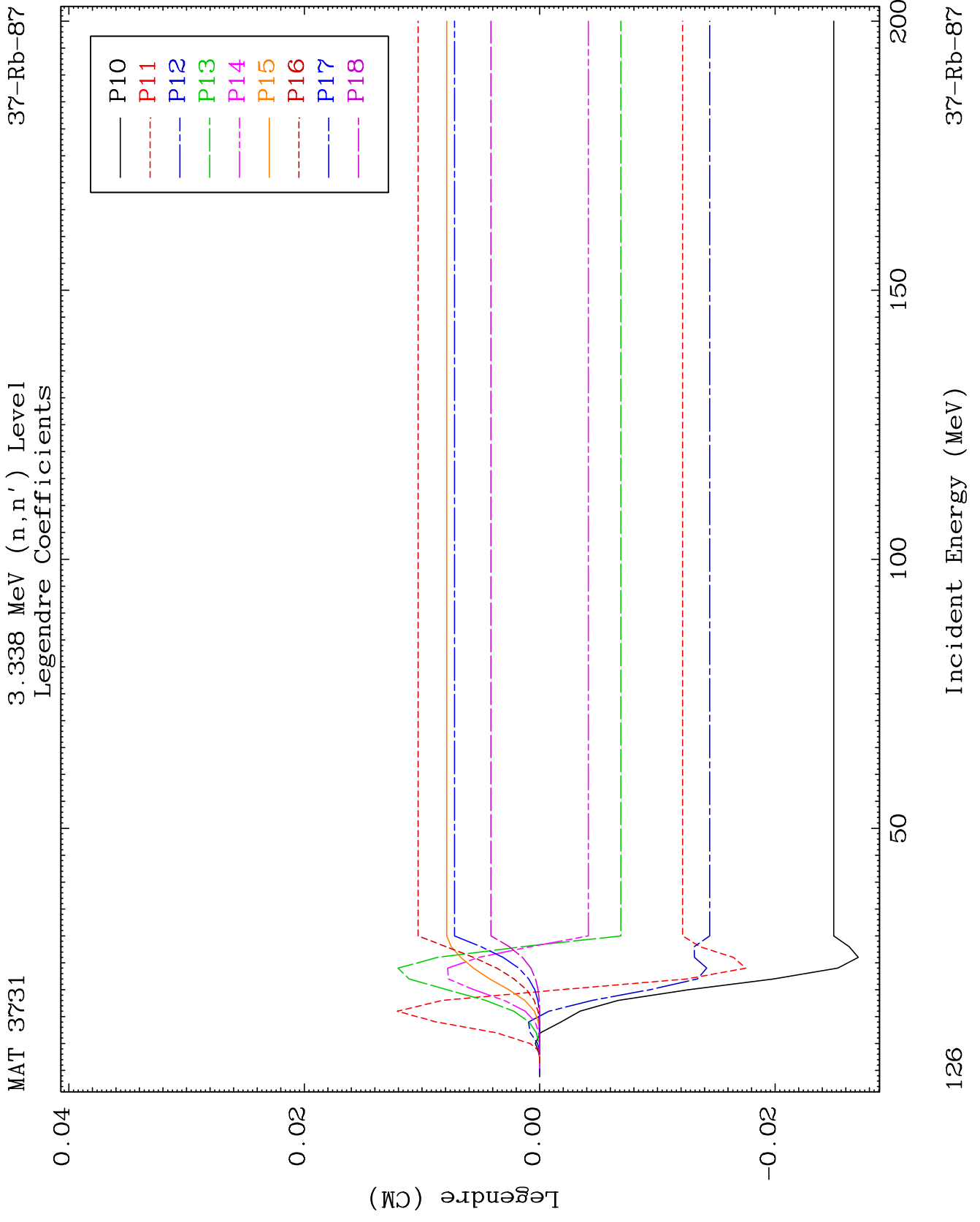
37-Rb-87







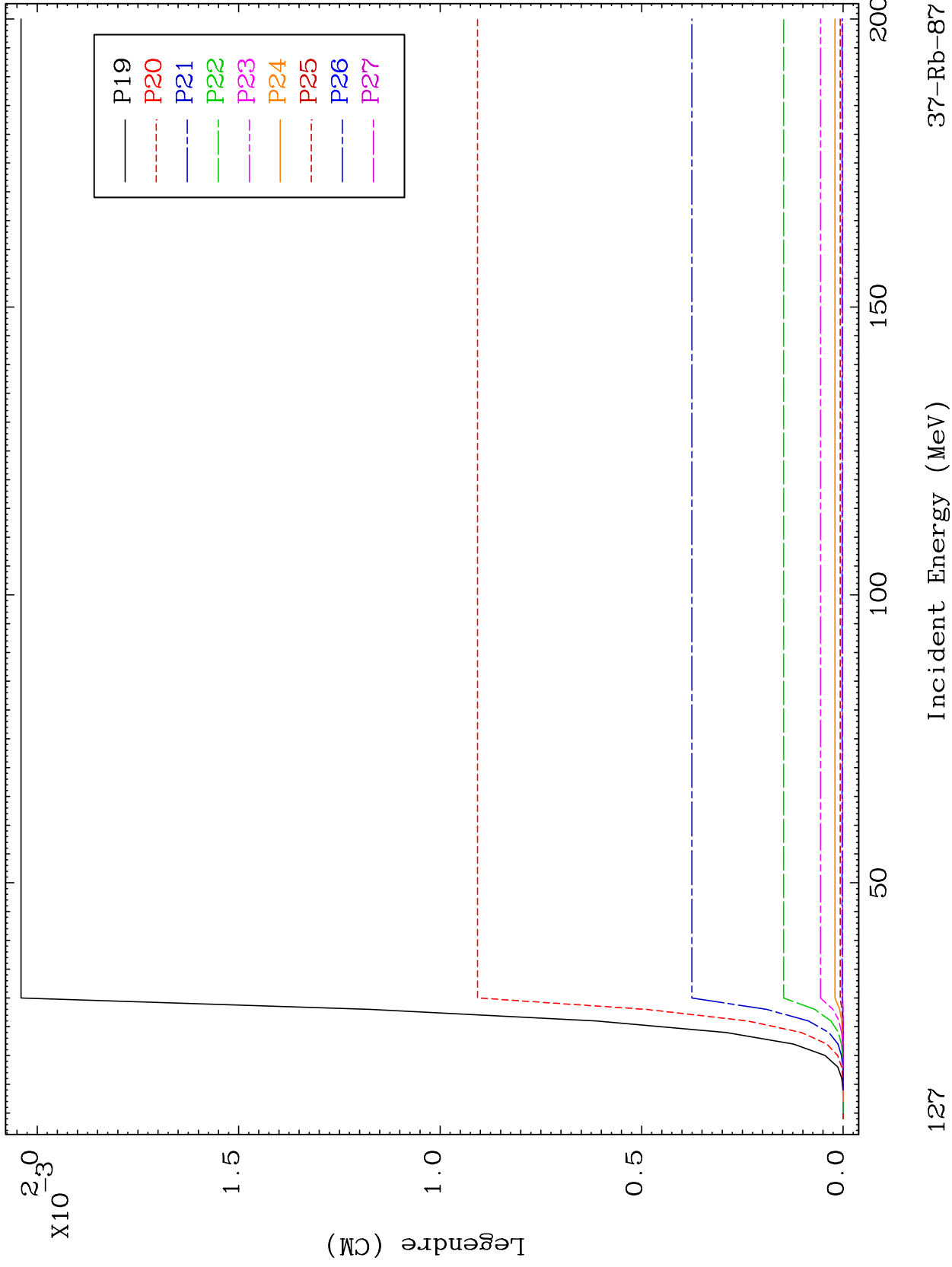




MAT 3731

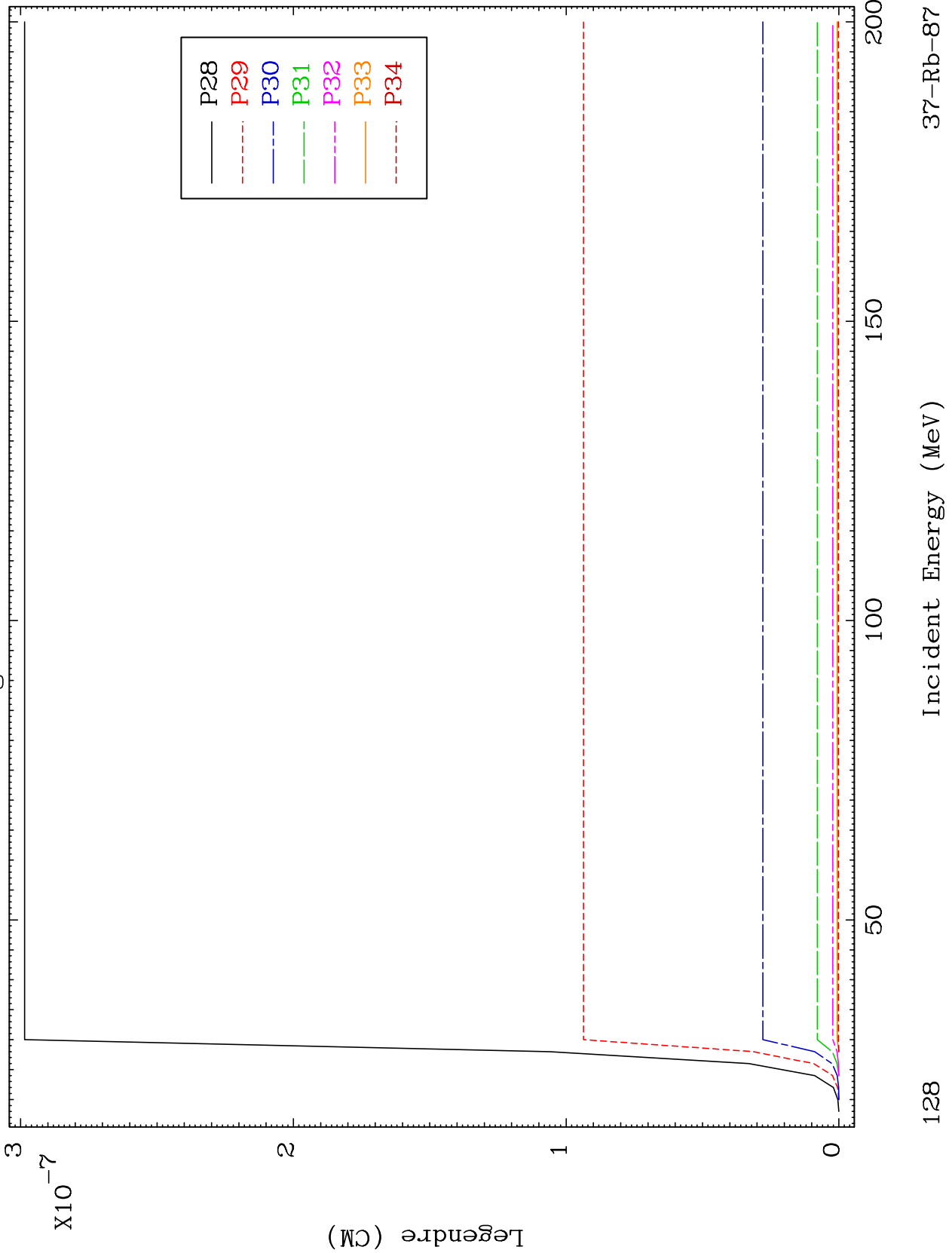
3.338 MeV (n,n') Level
Legendre Coefficients

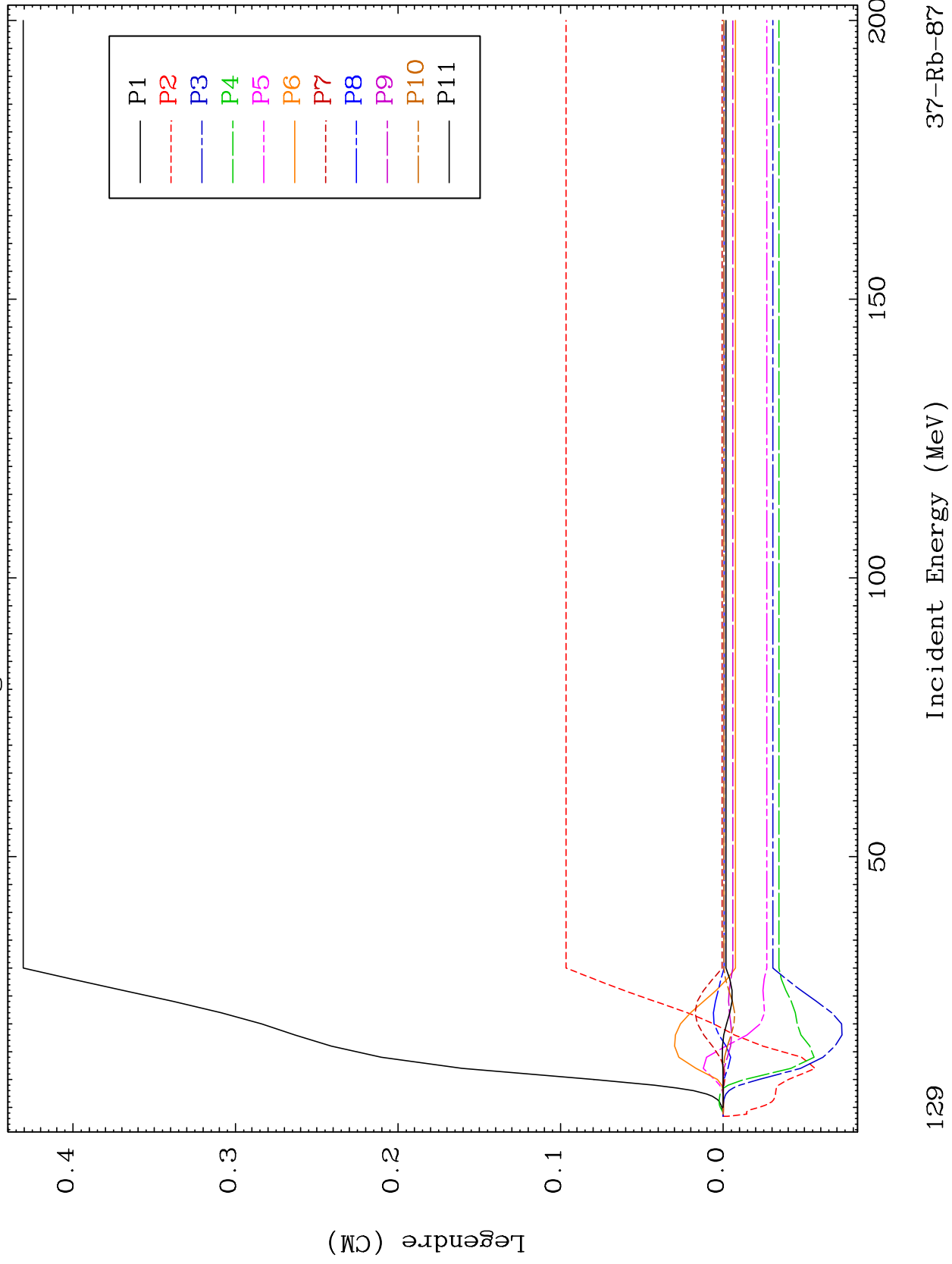
37-Rb-87



127

37-Rb-87

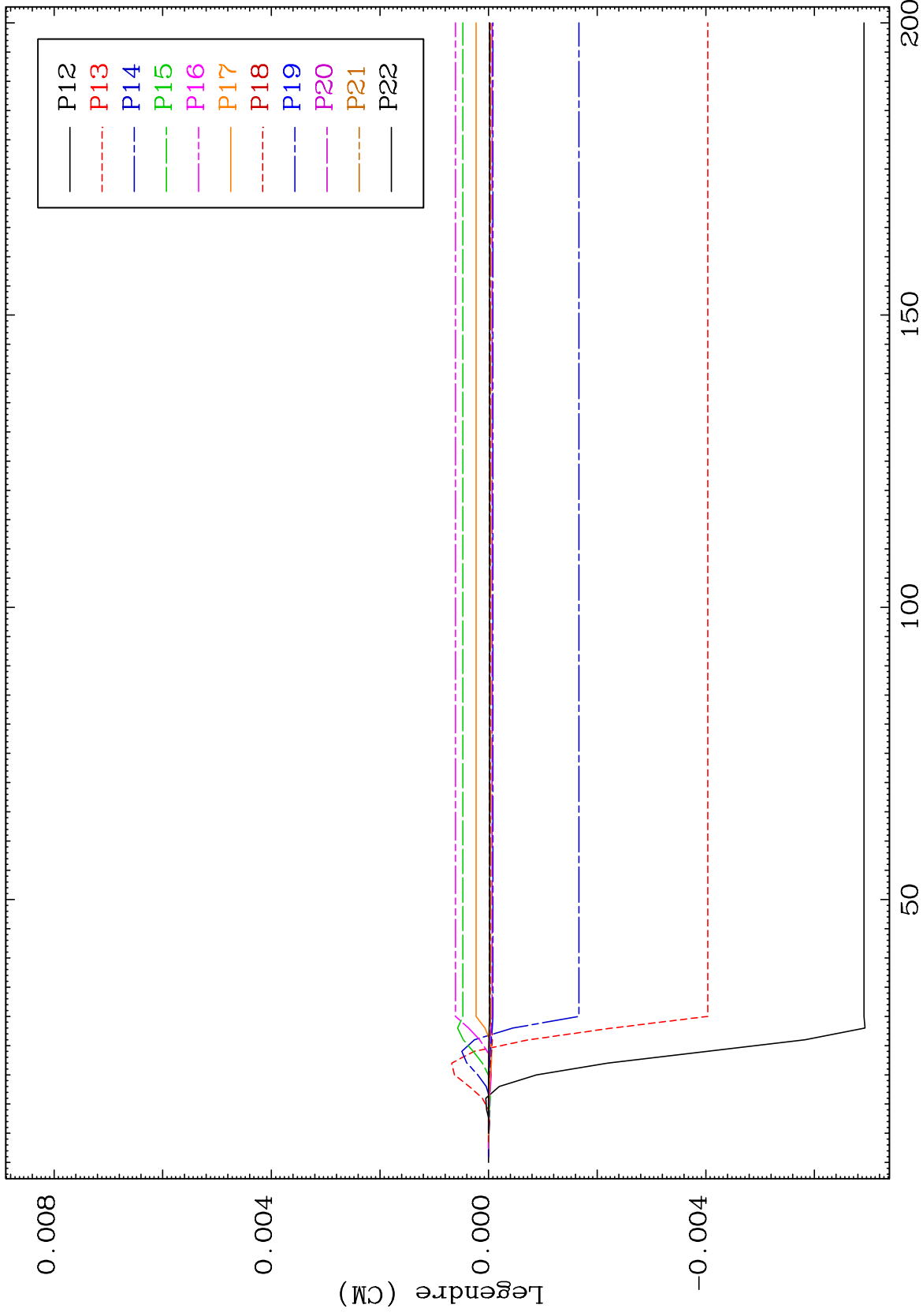




MAT 3731

3.356 MeV (n,n') Level
Legendre Coefficients

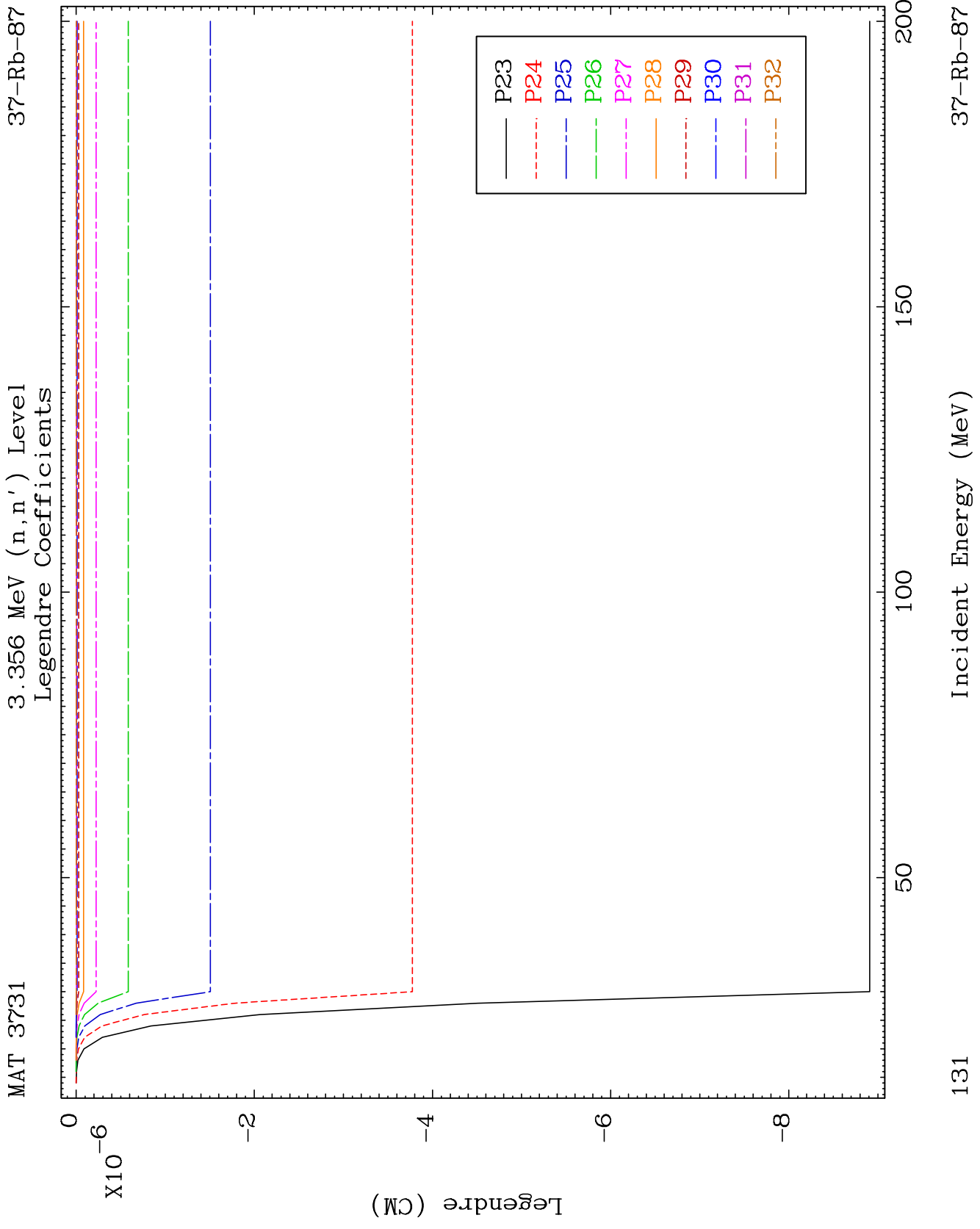
37-Rb-87



130

Incident Energy (MeV)

37-Rb-87

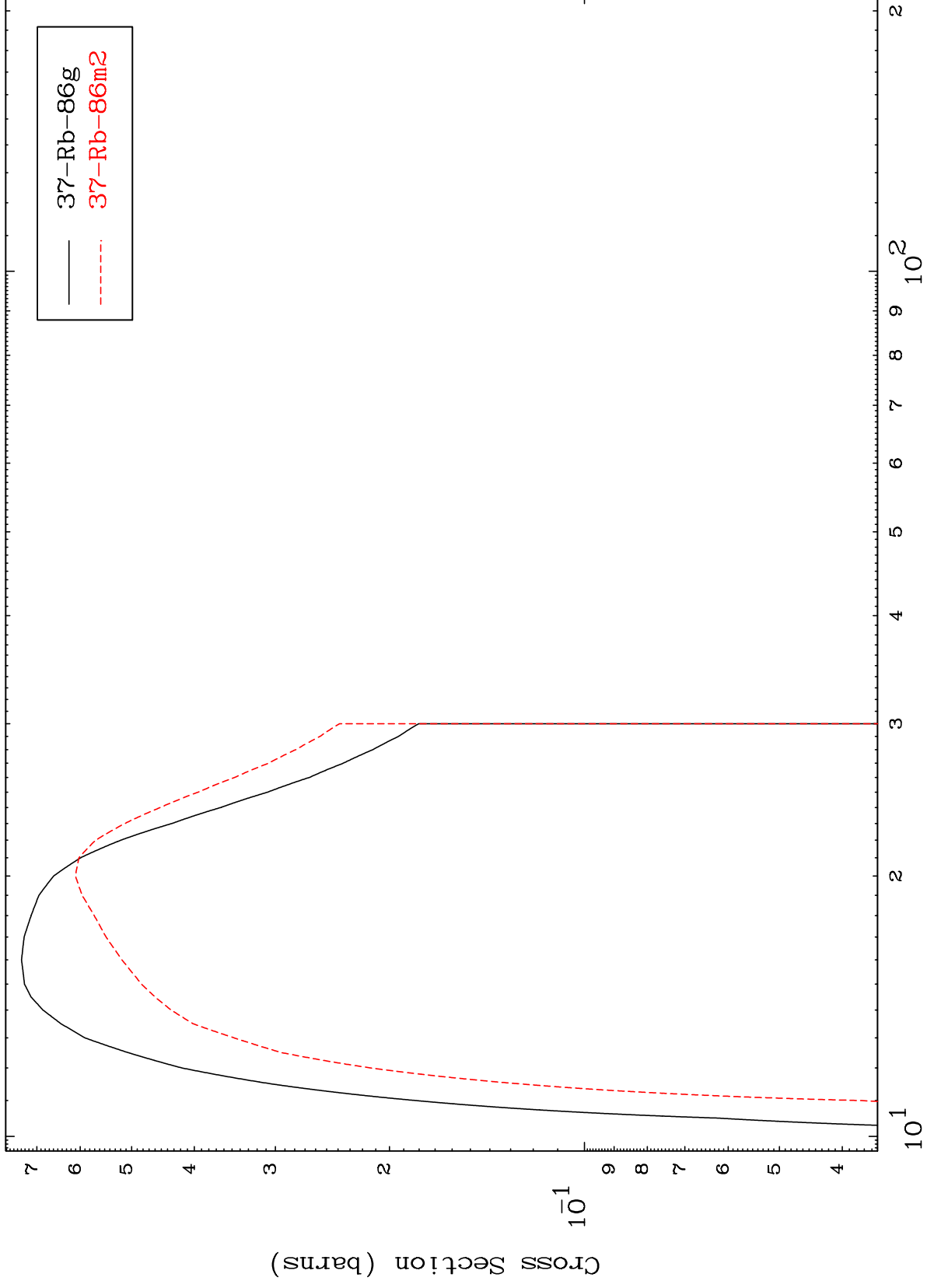


MAT 3731

(n,2n)

37-Rb-87

Radionuclide Production Cross Section



132

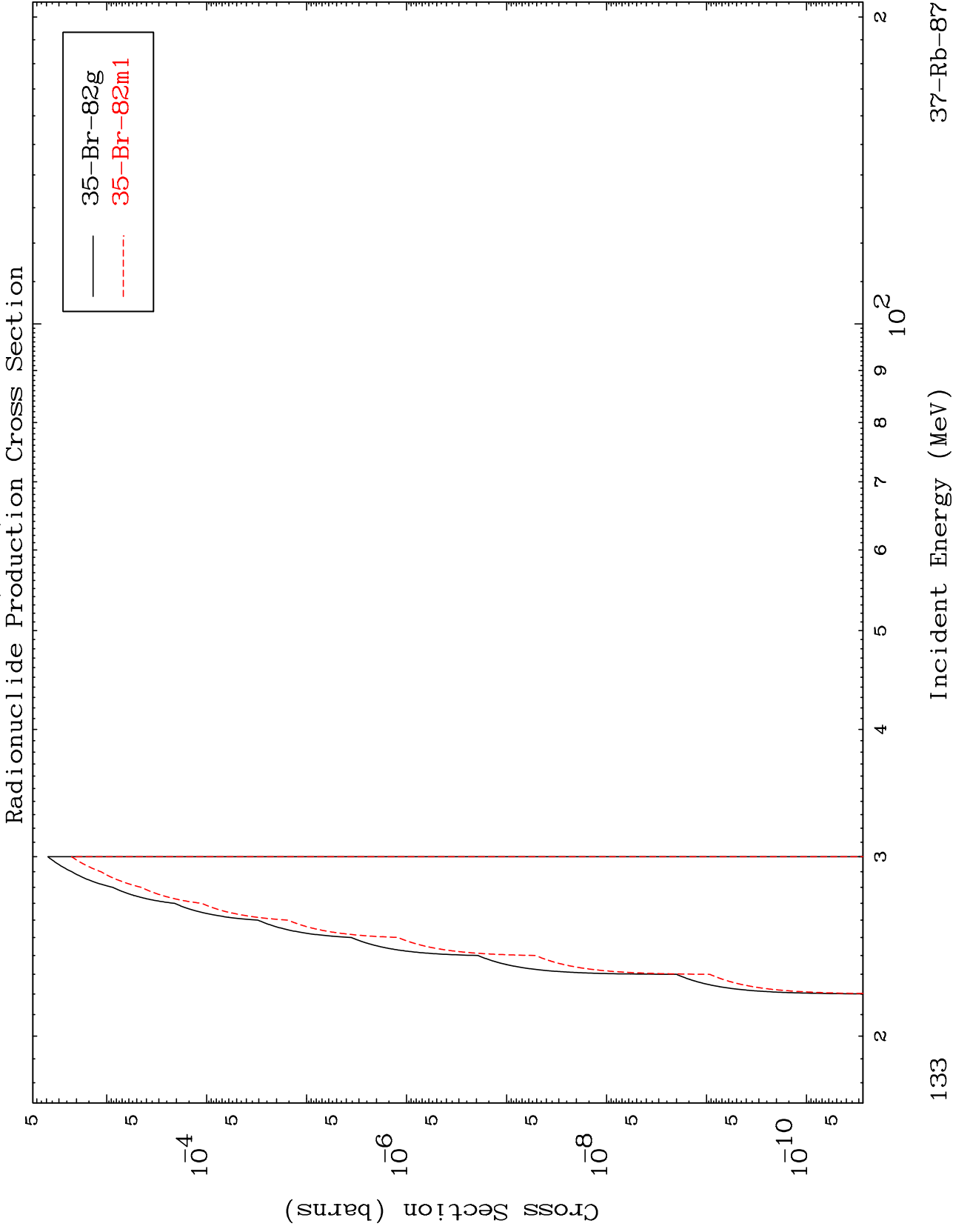
Incident Energy (MeV)

37-Rb-87

MAT 3731

$(n,2n) \alpha$

37-Rb-87



133

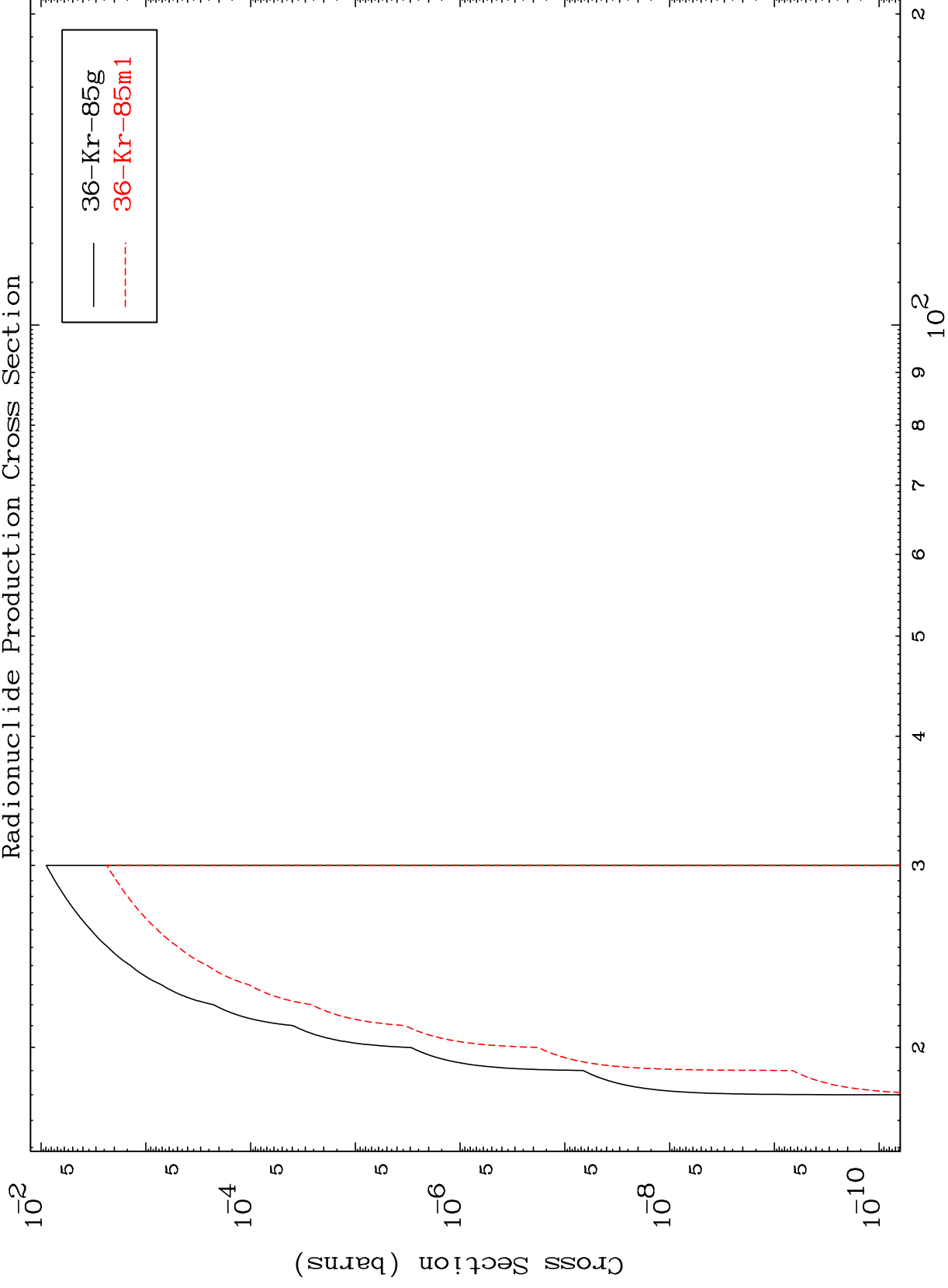
Incident Energy (MeV)

37-Rb-87

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37-Rb-87

(n, n') d
Radionuclide Production Cross Section



37-Rb-87

Incident Energy (MeV)

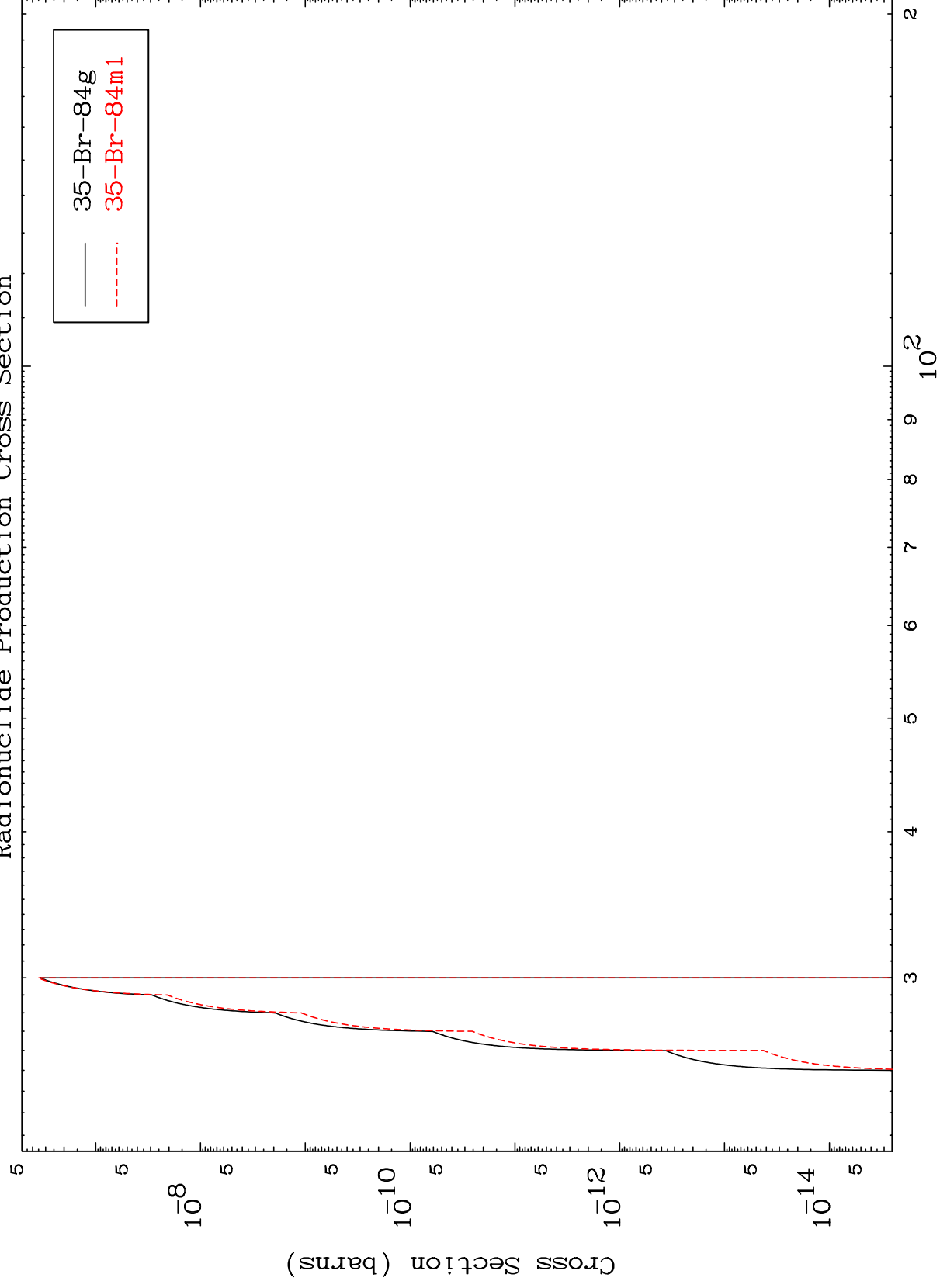
134

MAT 3731

(n,n') He-3

37-Rb-87

Radionuclide Production Cross Section



135

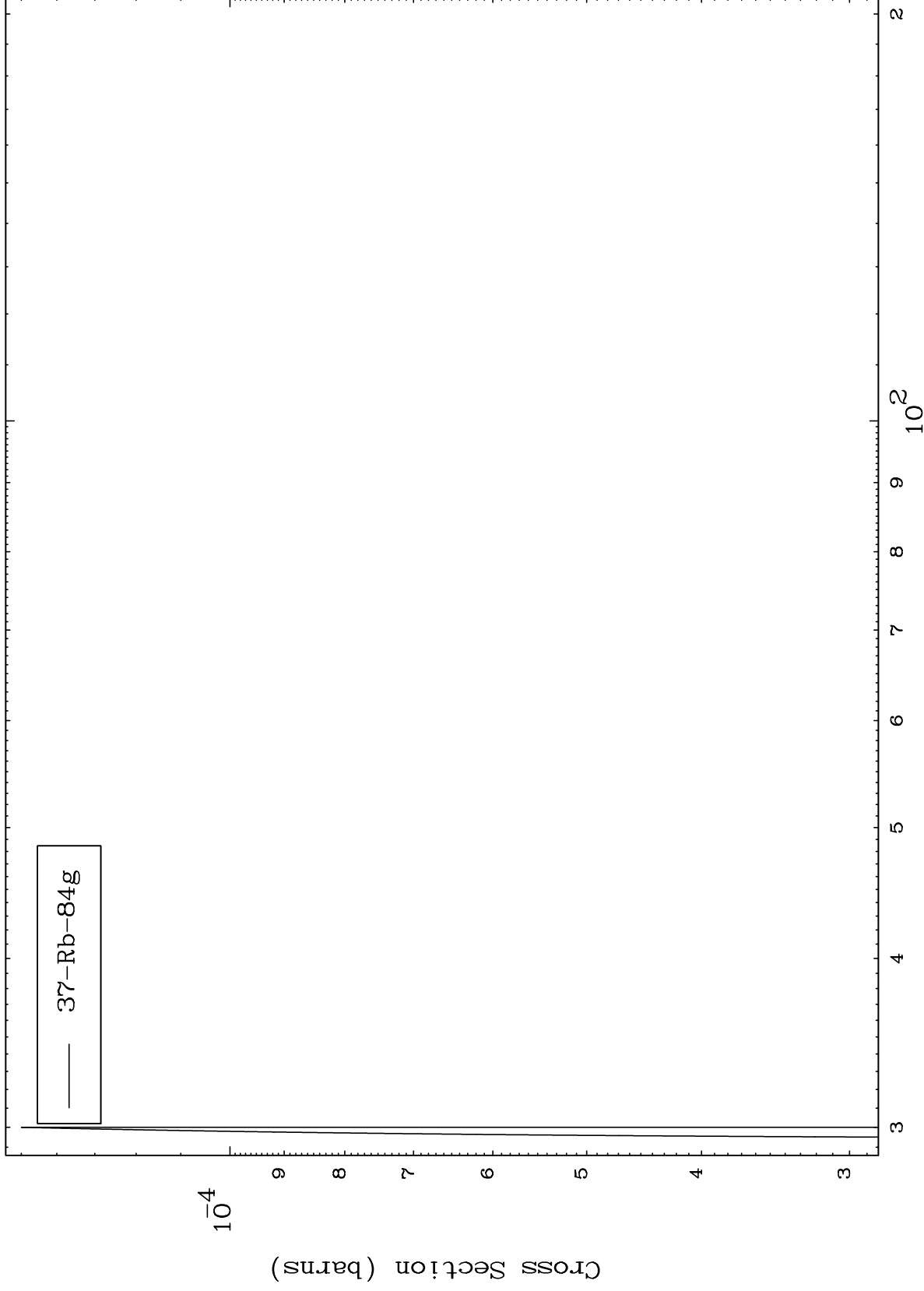
Incident Energy (MeV)

37-Rb-87

MAT 3731

37-Rb-87

(n,4n)
Radionuclide Production Cross Section



136

37-Rb-87

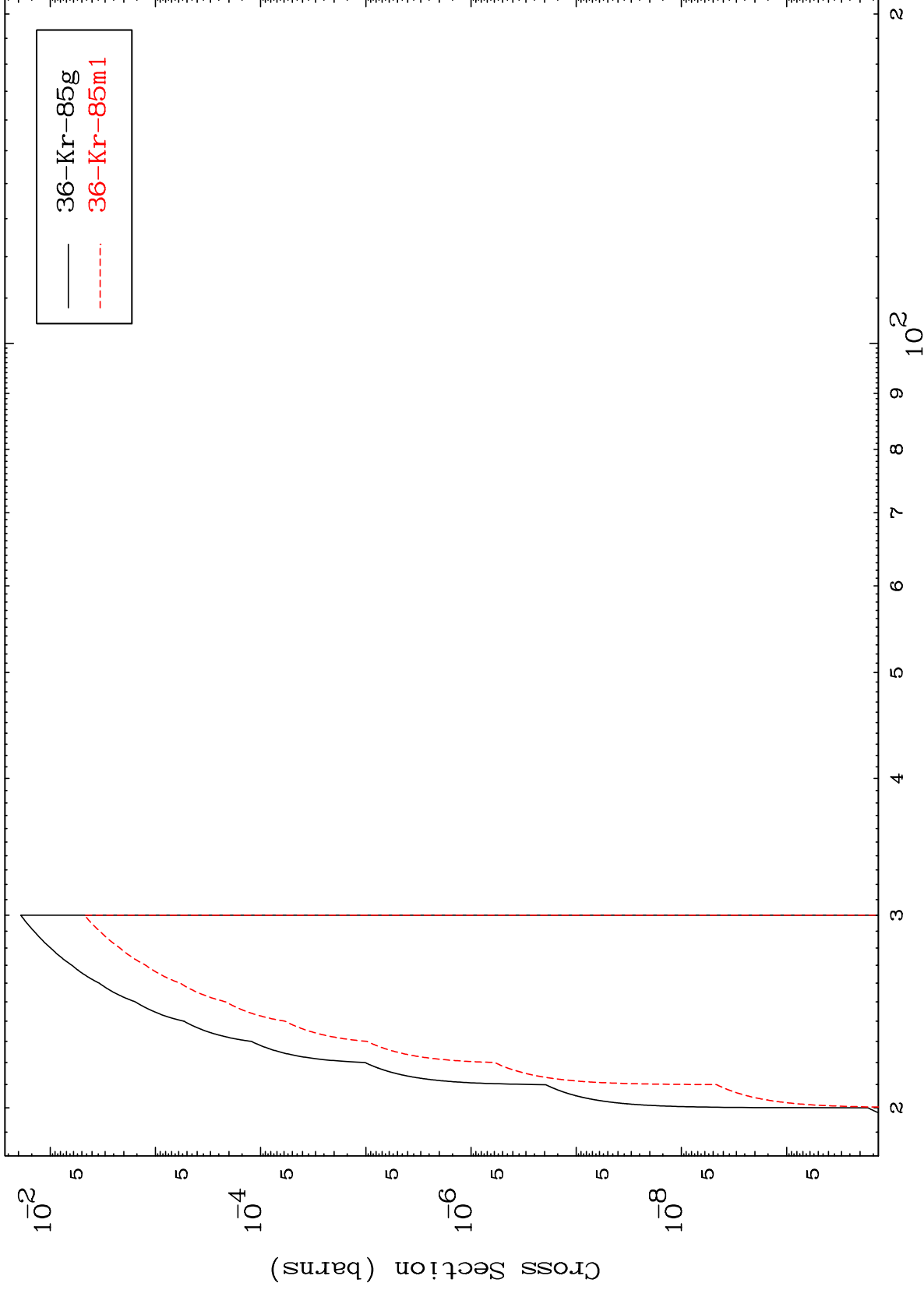
Incident Energy (MeV)

MAT 3731

(n,2n) p

37-Rb-87

Radionuclide Production Cross Section



137

Incident Energy (MeV)

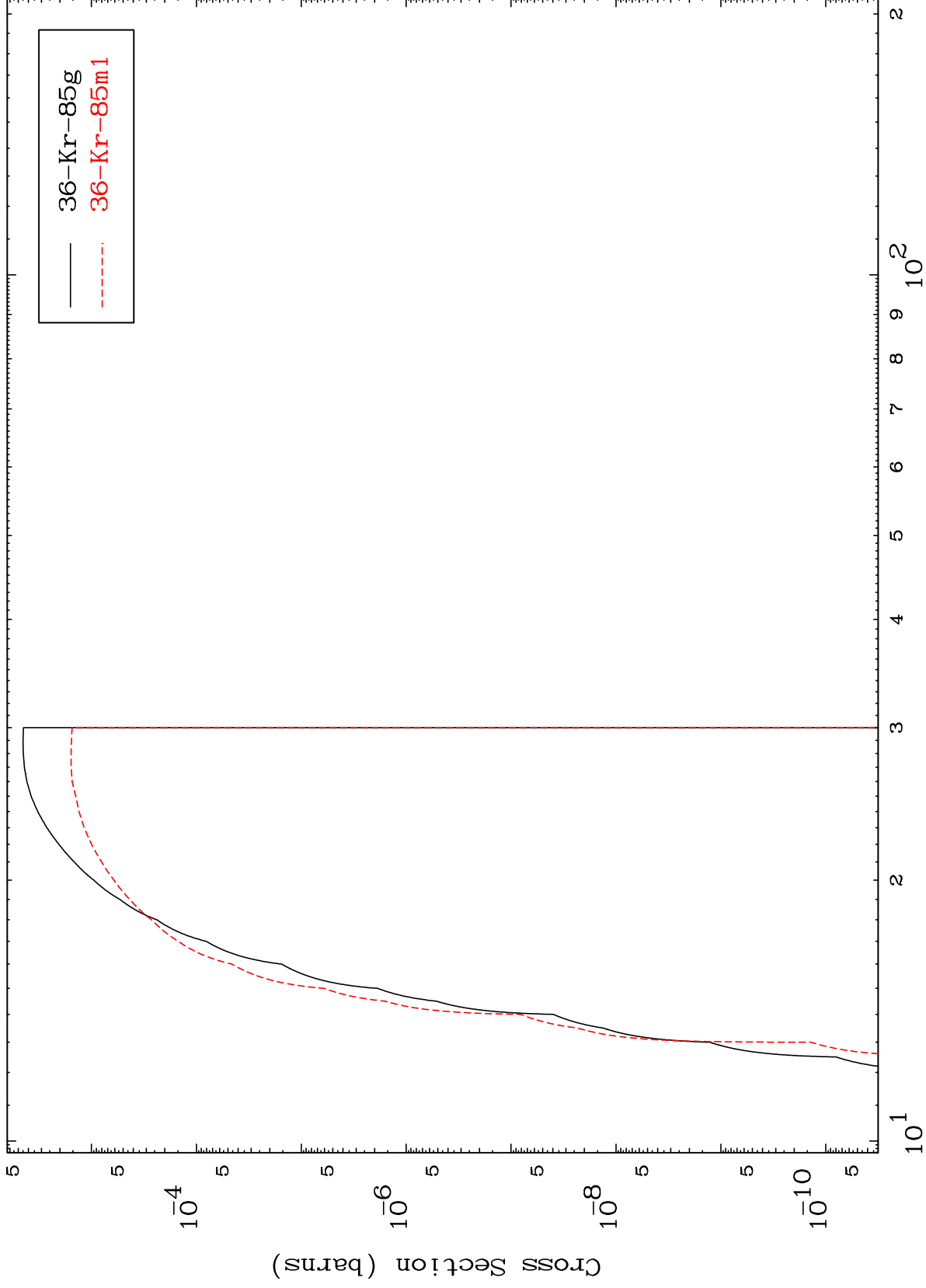
37-Rb-87

MAT 3731

(n, t)

37-Rb-87

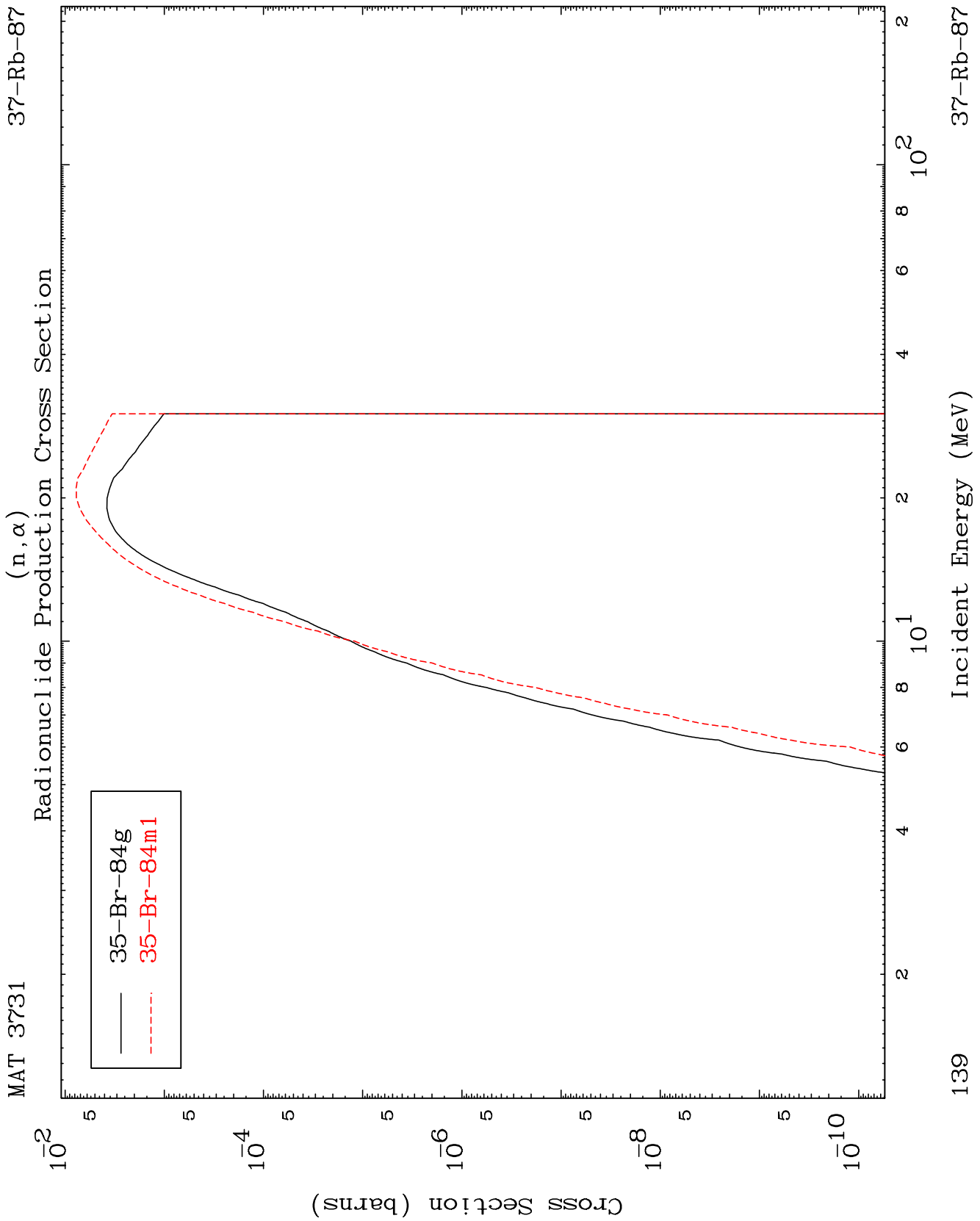
Radionuclide Production Cross Section



Incident Energy (MeV)

37-Rb-87

138

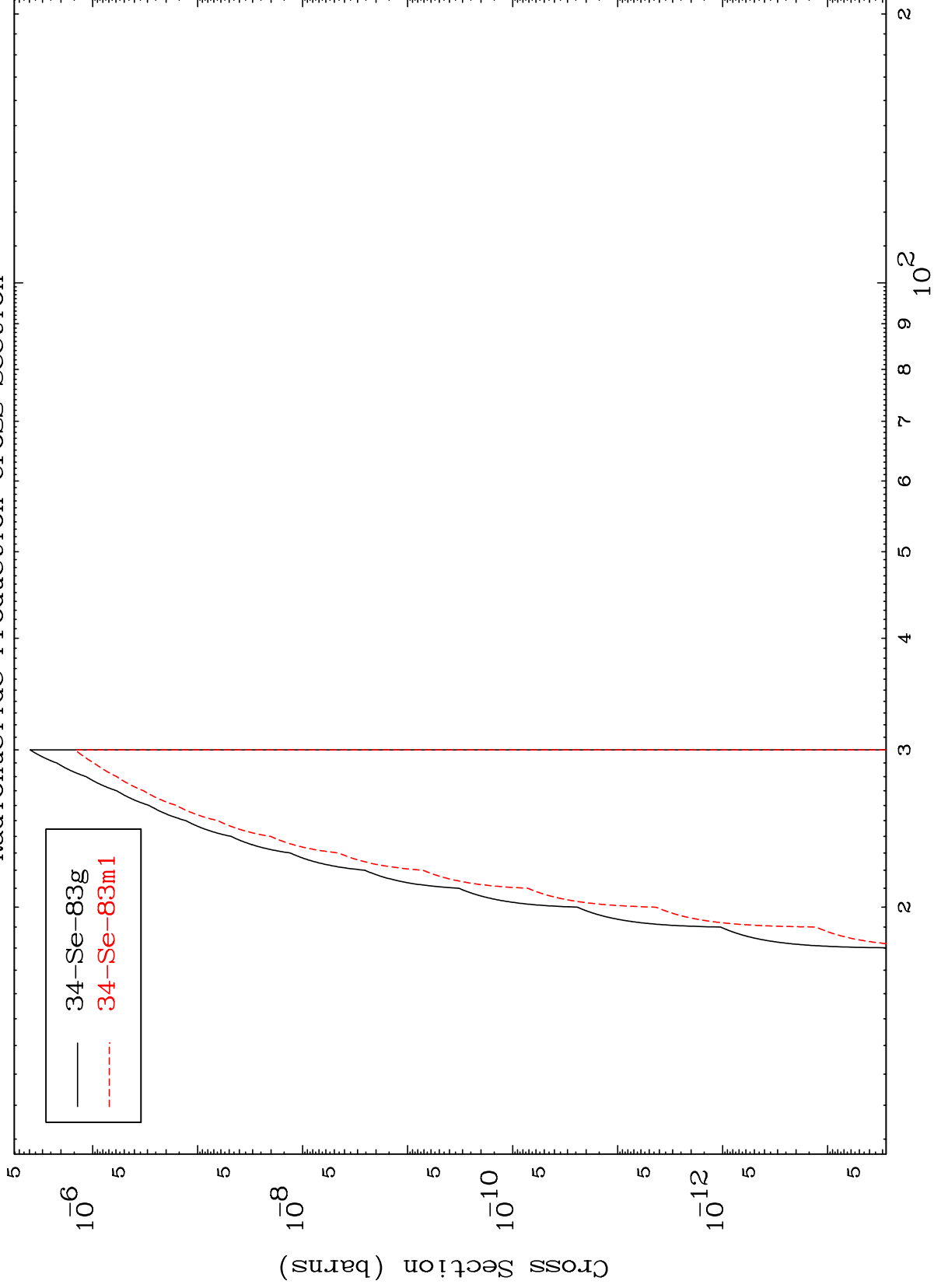


MAT 3731

(n,p) α

37-Rb-87

Radionuclide Production Cross Section



140

Incident Energy (MeV)

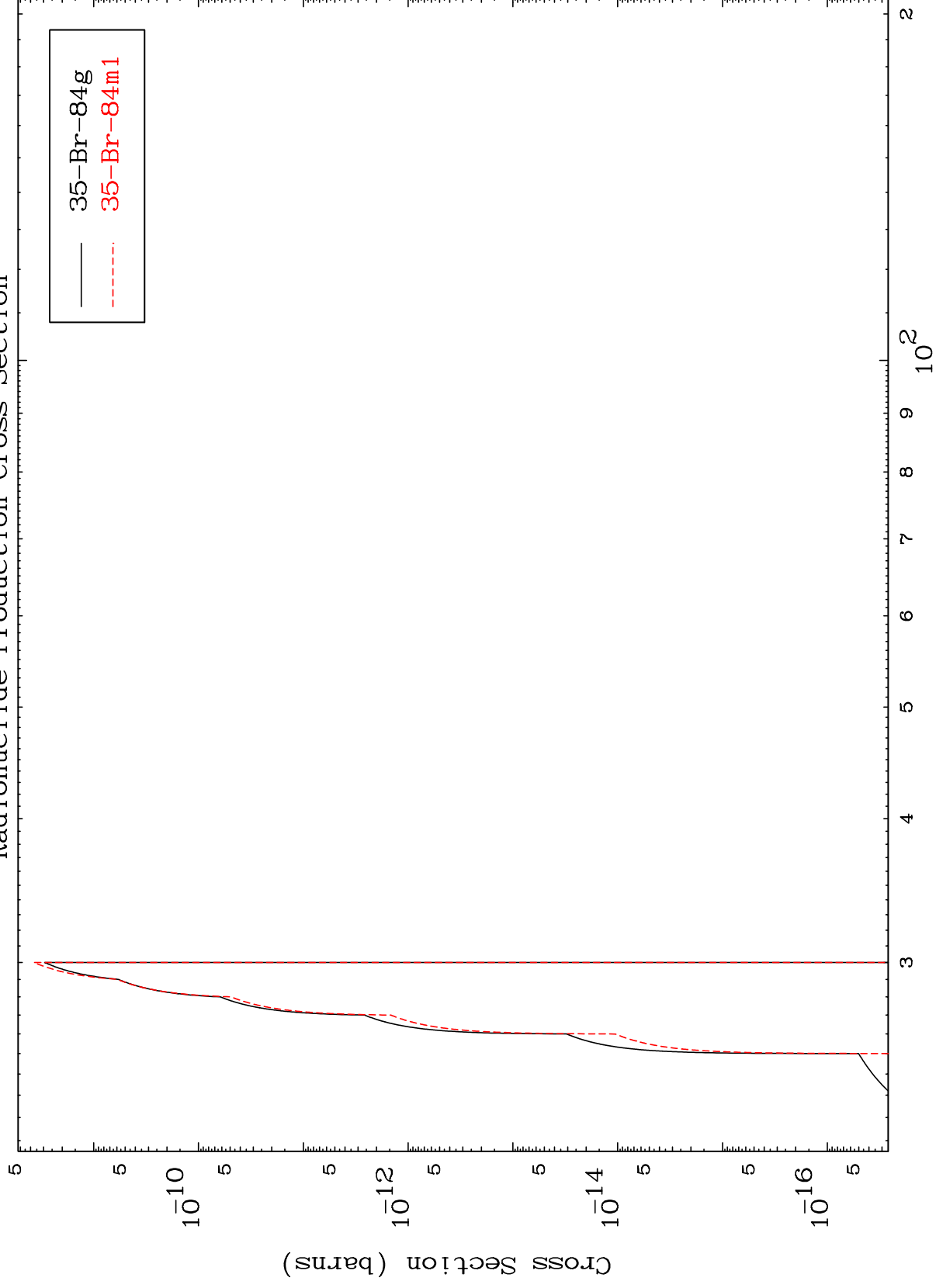
37-Rb-87

MAT 3731

(n,p) t

37-Rb-87

Radionuclide Production Cross Section



141

Incident Energy (MeV)

37-Rb-87