

Program EVALPLOT
(Version 2021-1)

by

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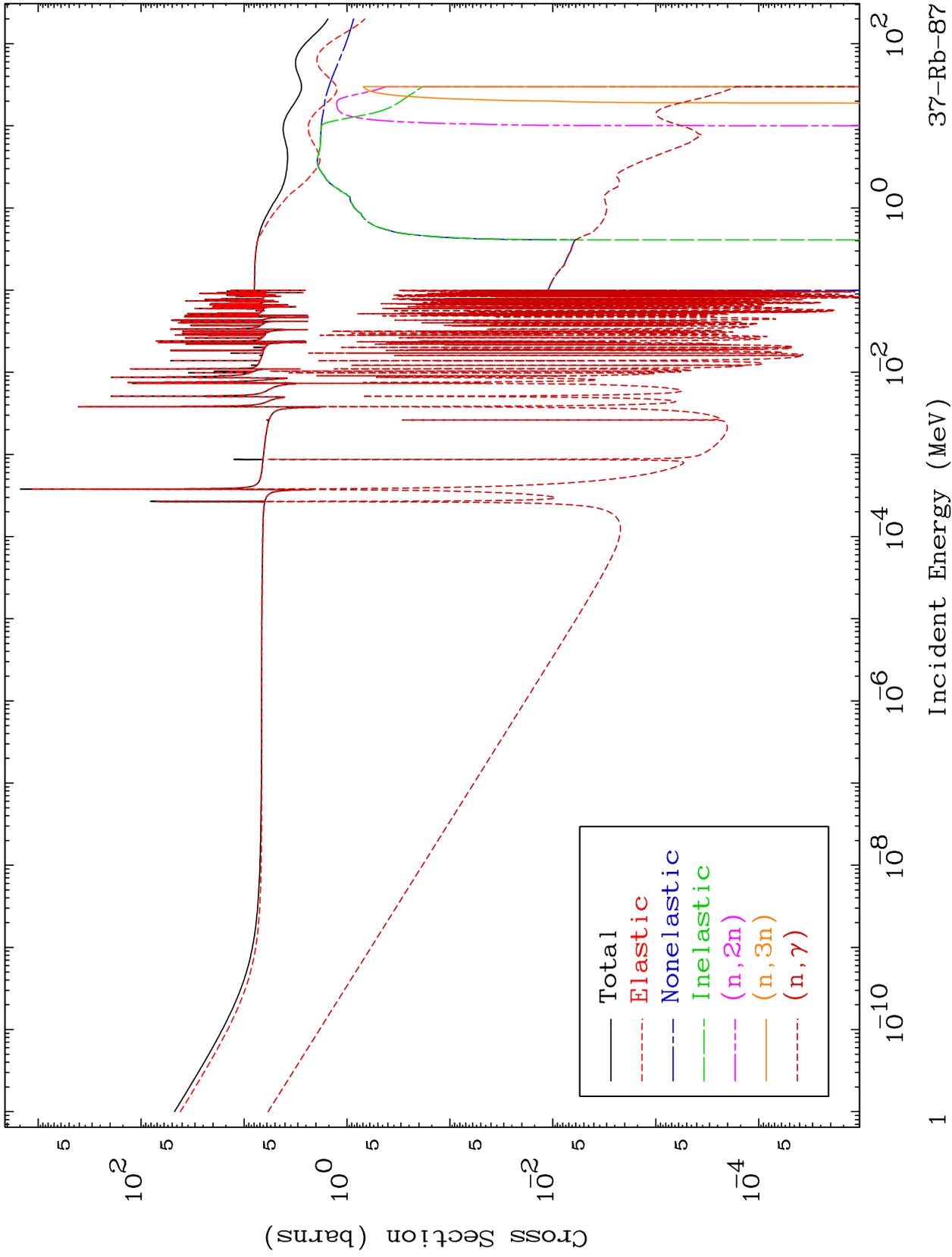
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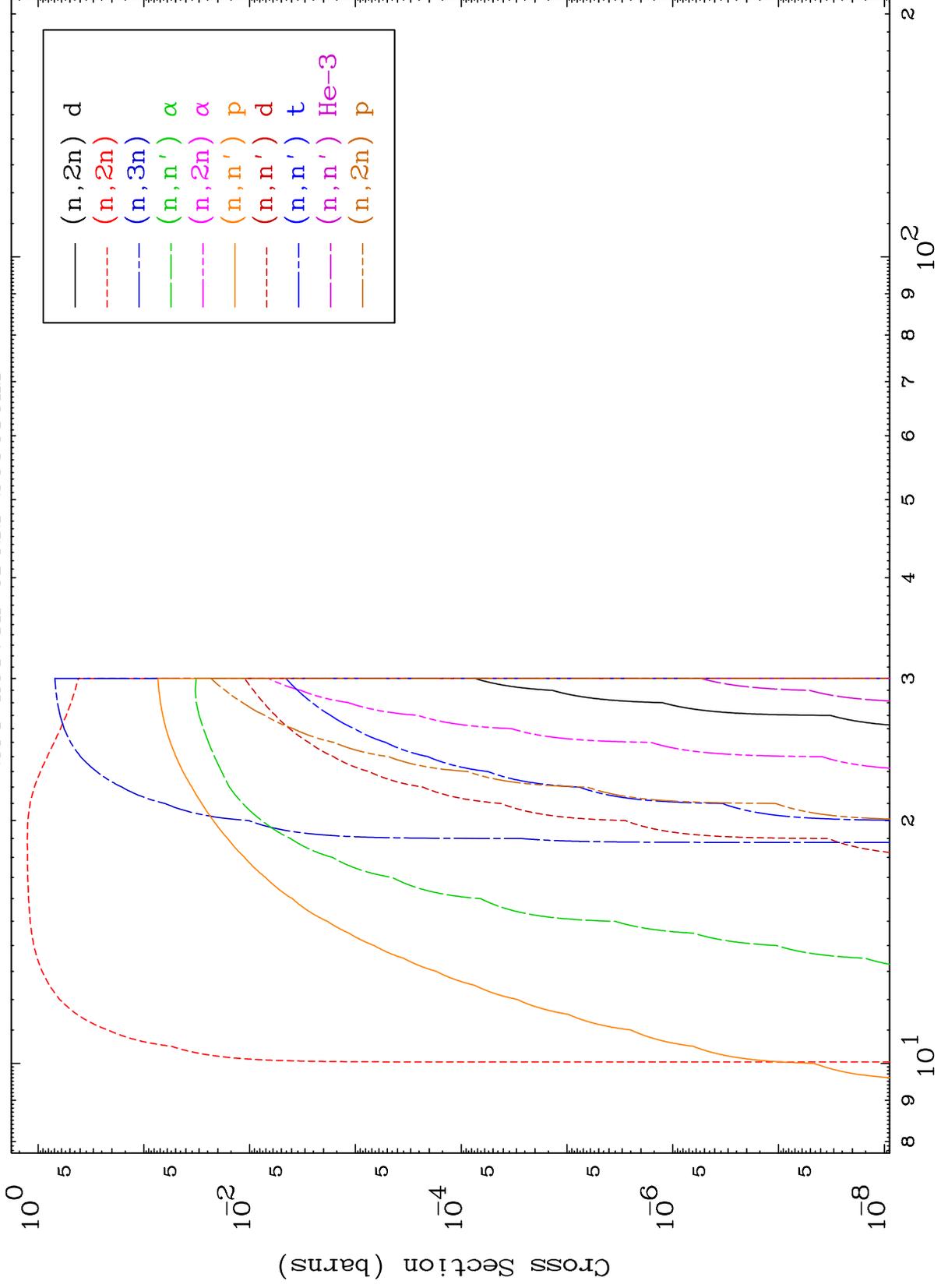
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MAT 3731

Neutron Major
293 Kelvin Cross Sections

37-Rb-87

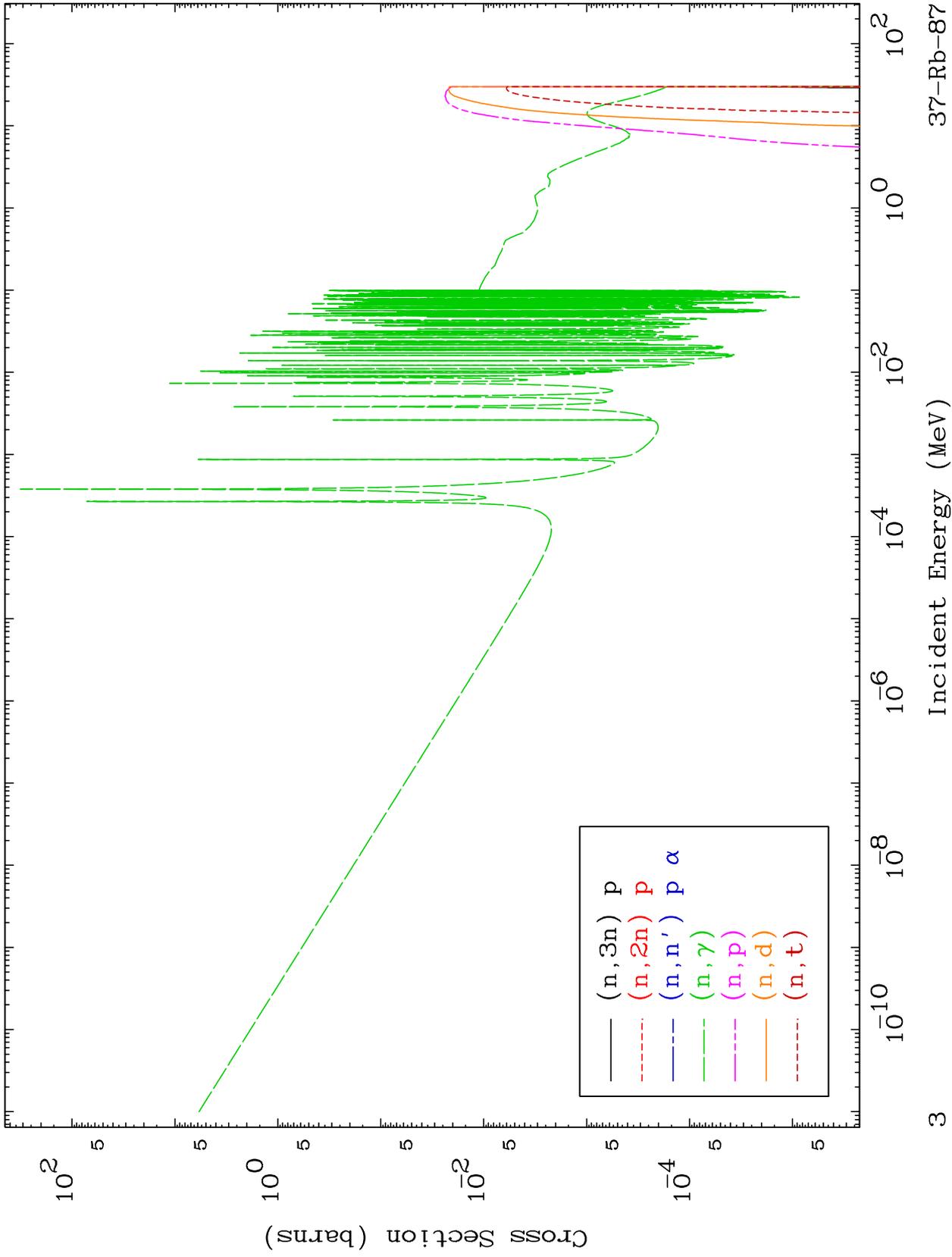


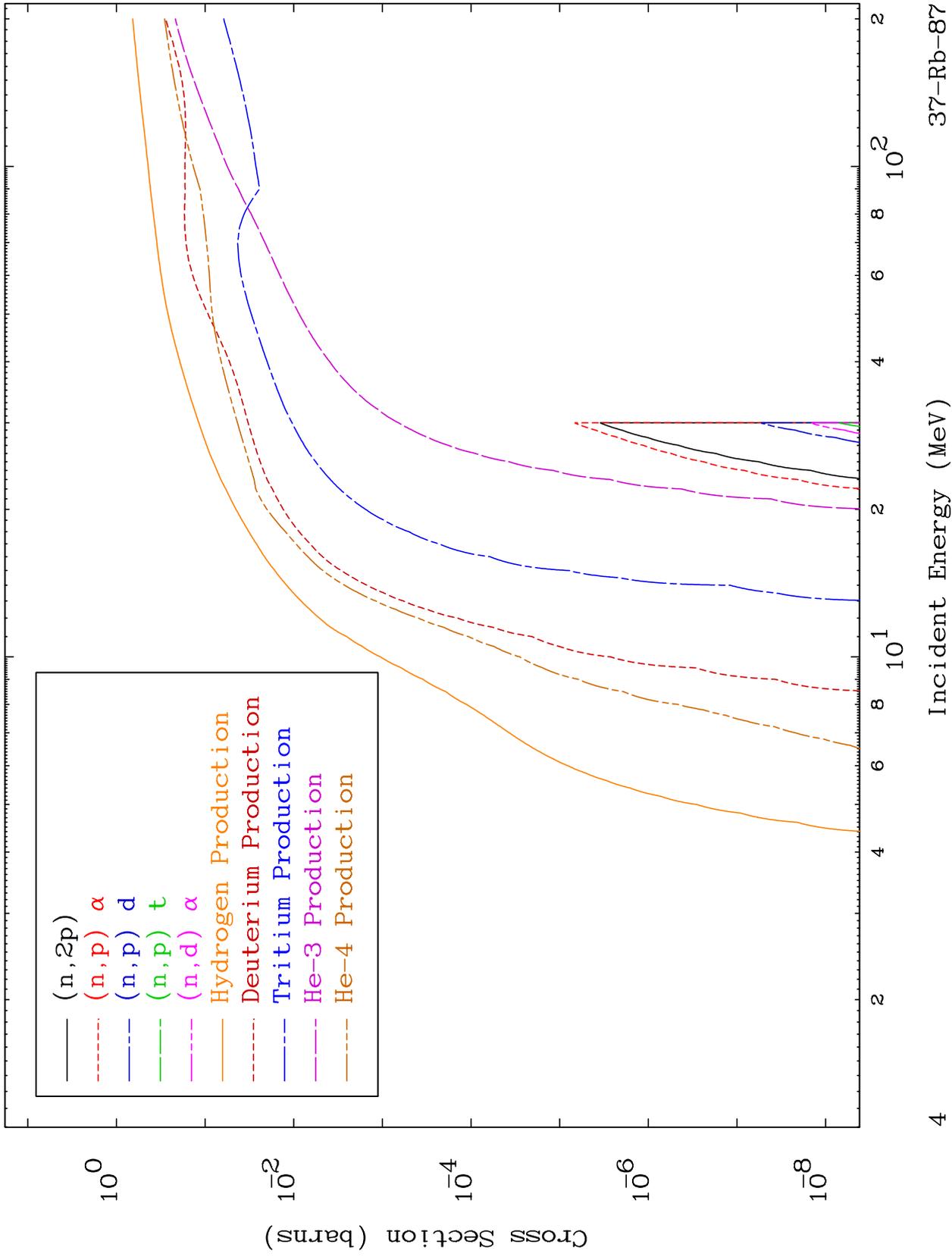


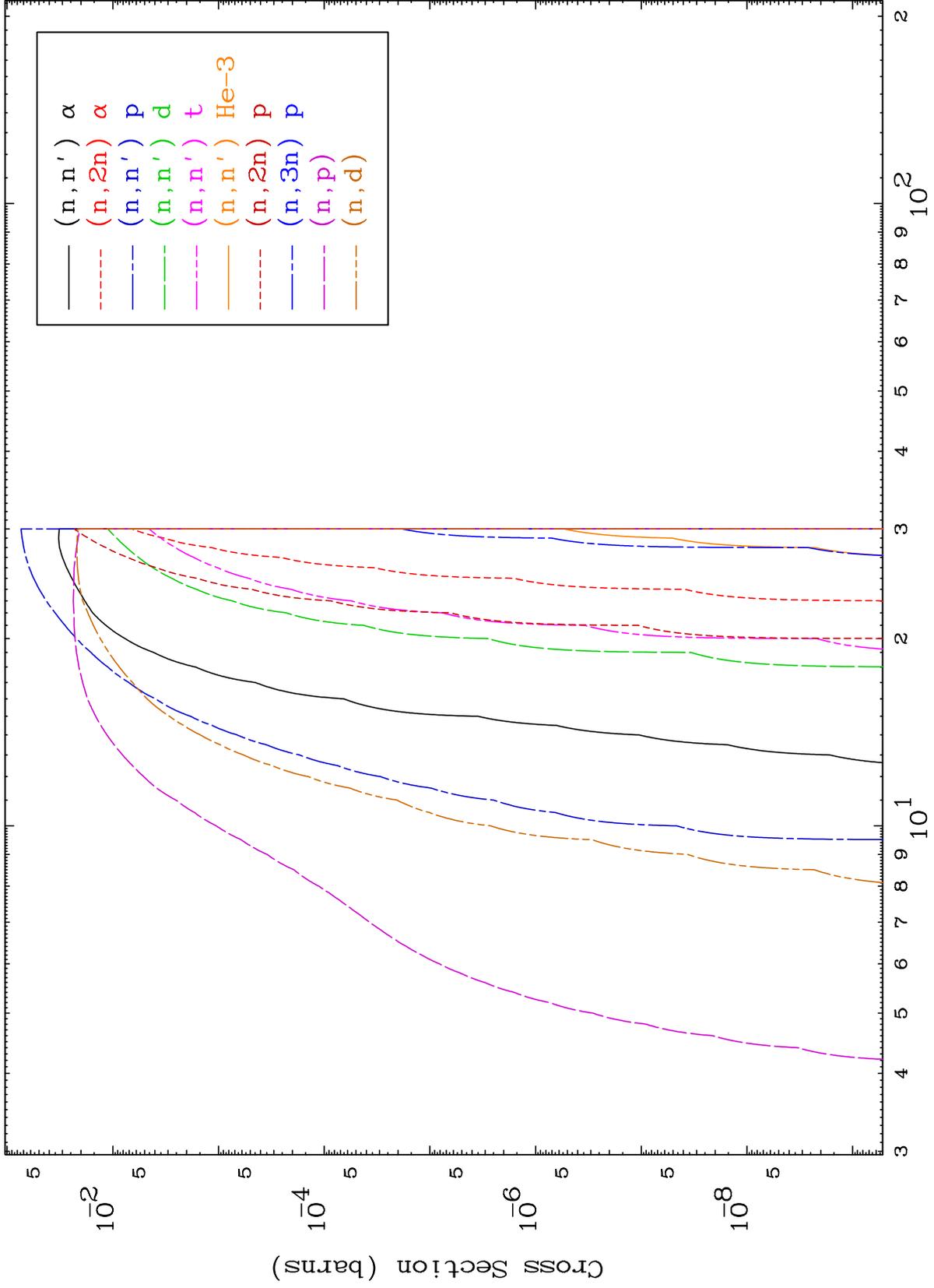
MAT 3731

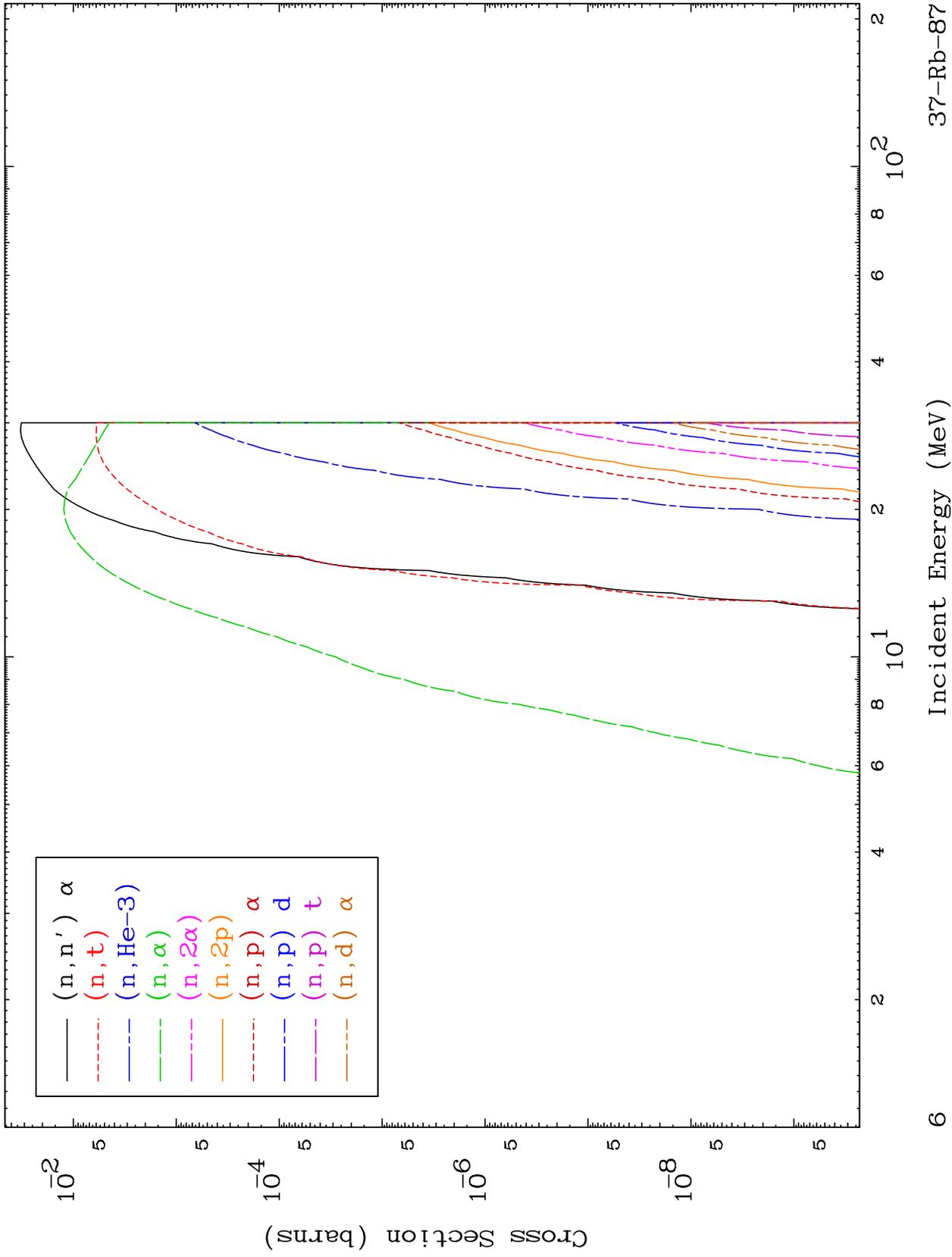
Neutron Absorption
293 Kelvin Cross Sections

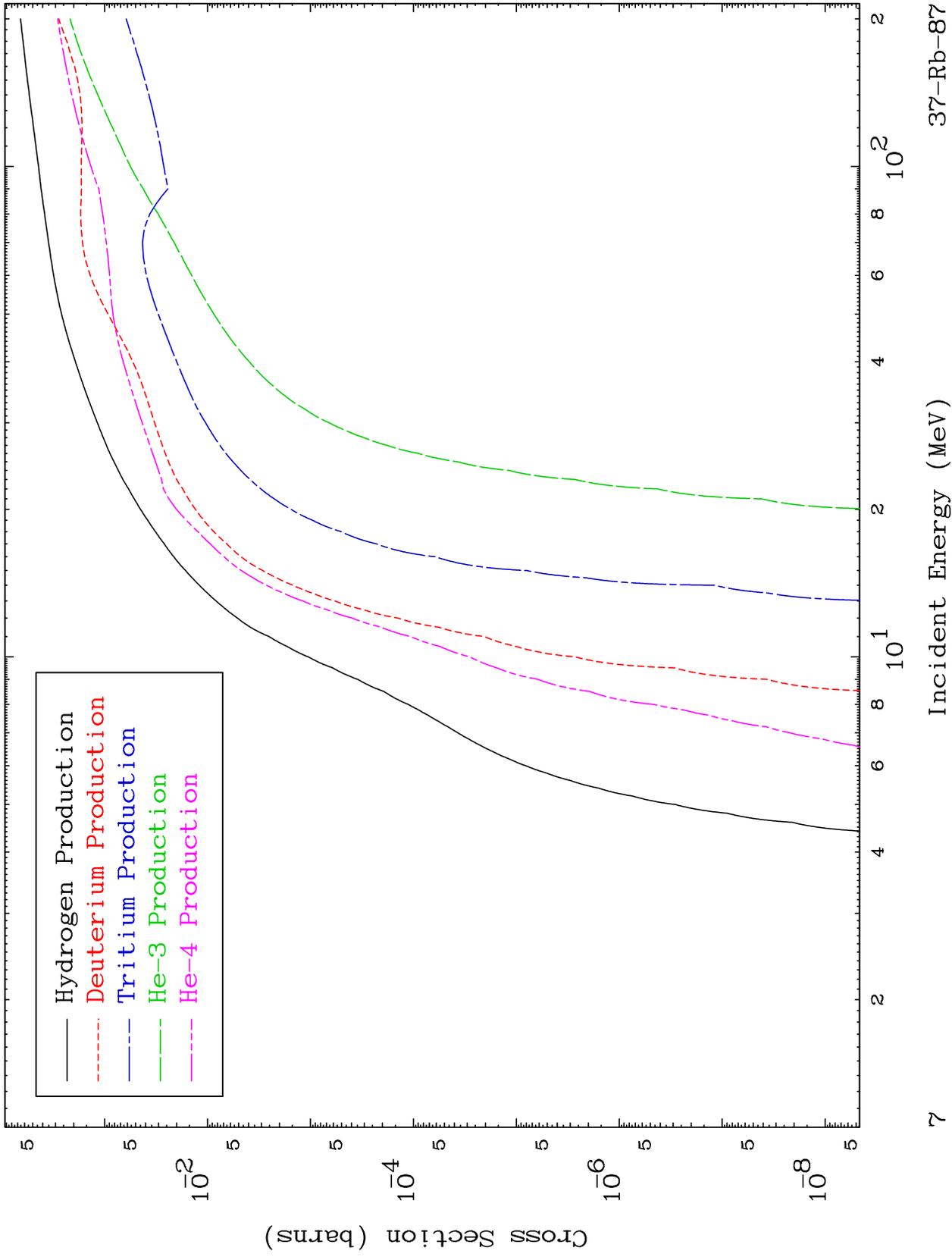
37-Rb-87









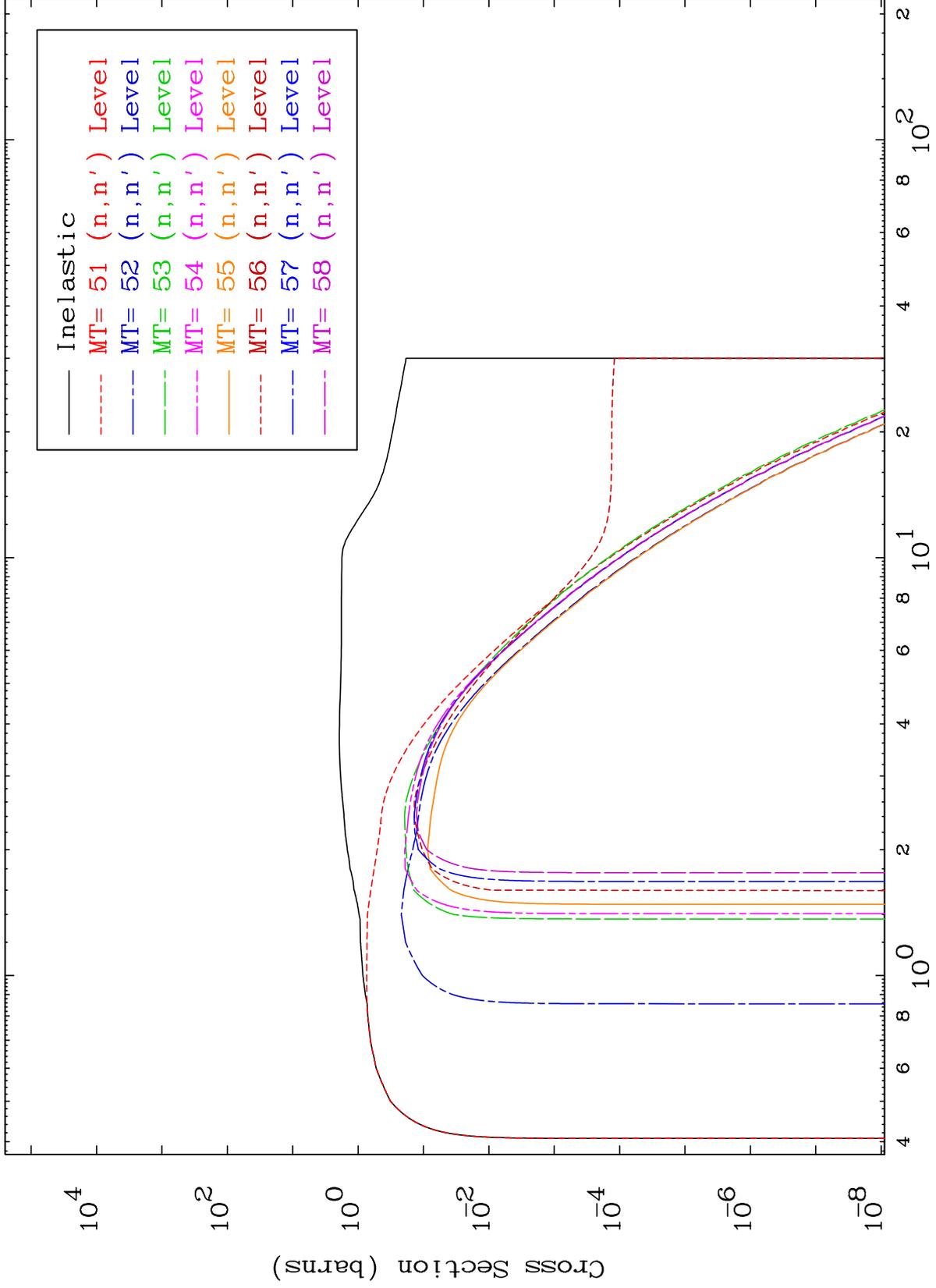


MAT 3731

(n,n') Levels

37-Rb-87

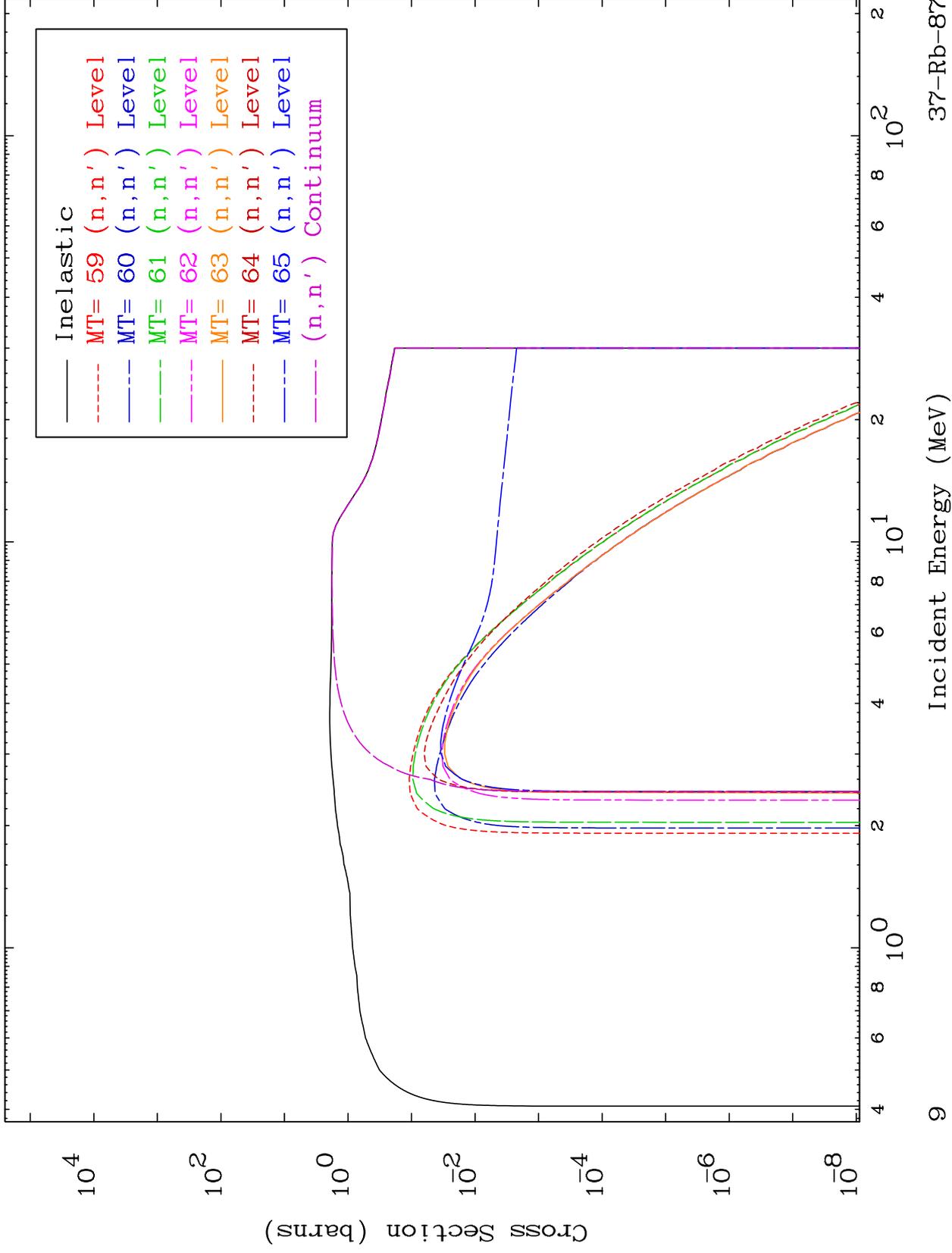
293 Kelvin Cross Sections



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Incident Energy (MeV)

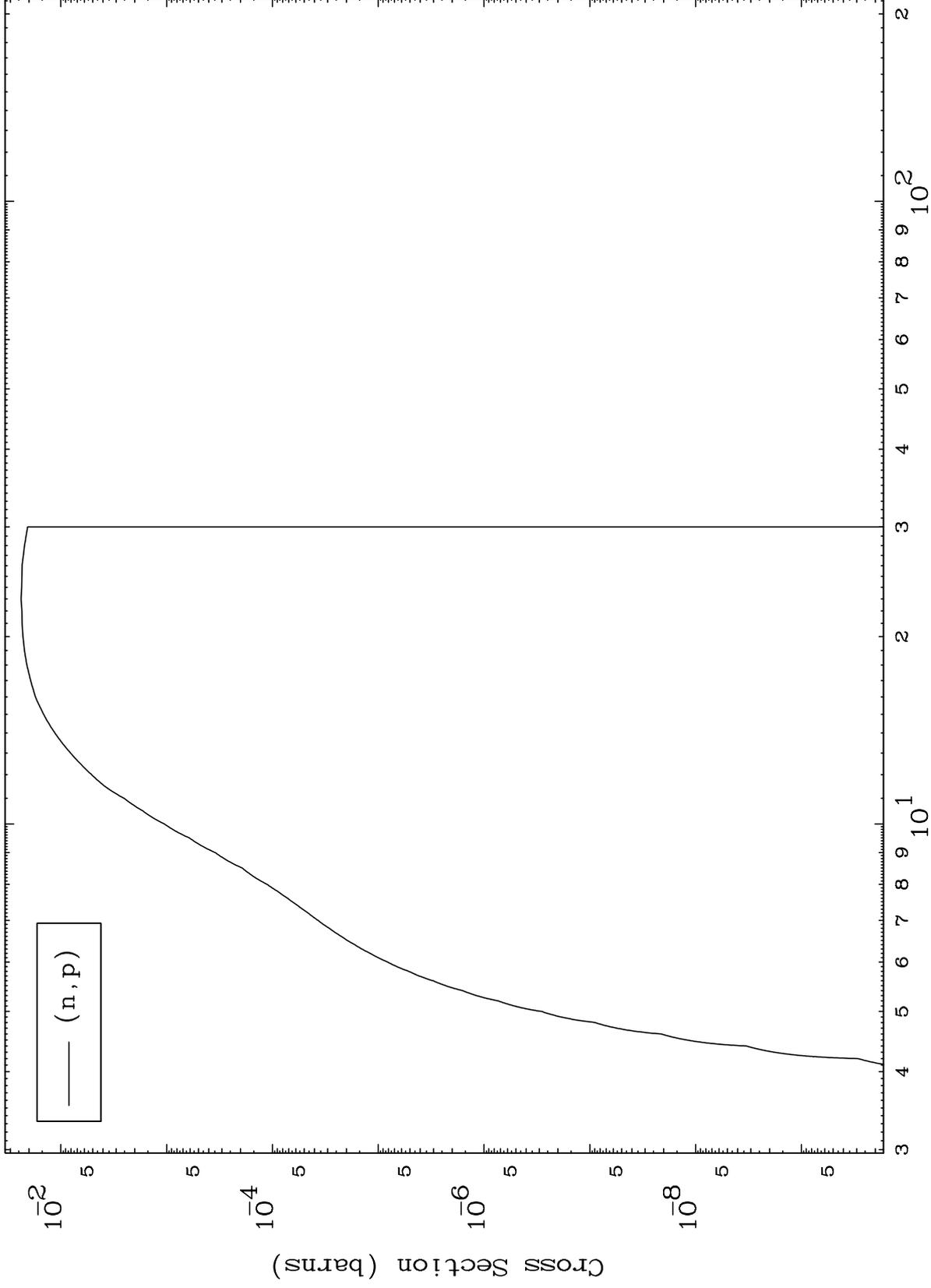
37-Rb-87



MAT 3731

(n,p) Levels
293 Kelvin Cross Sections

37-Rb-87



10

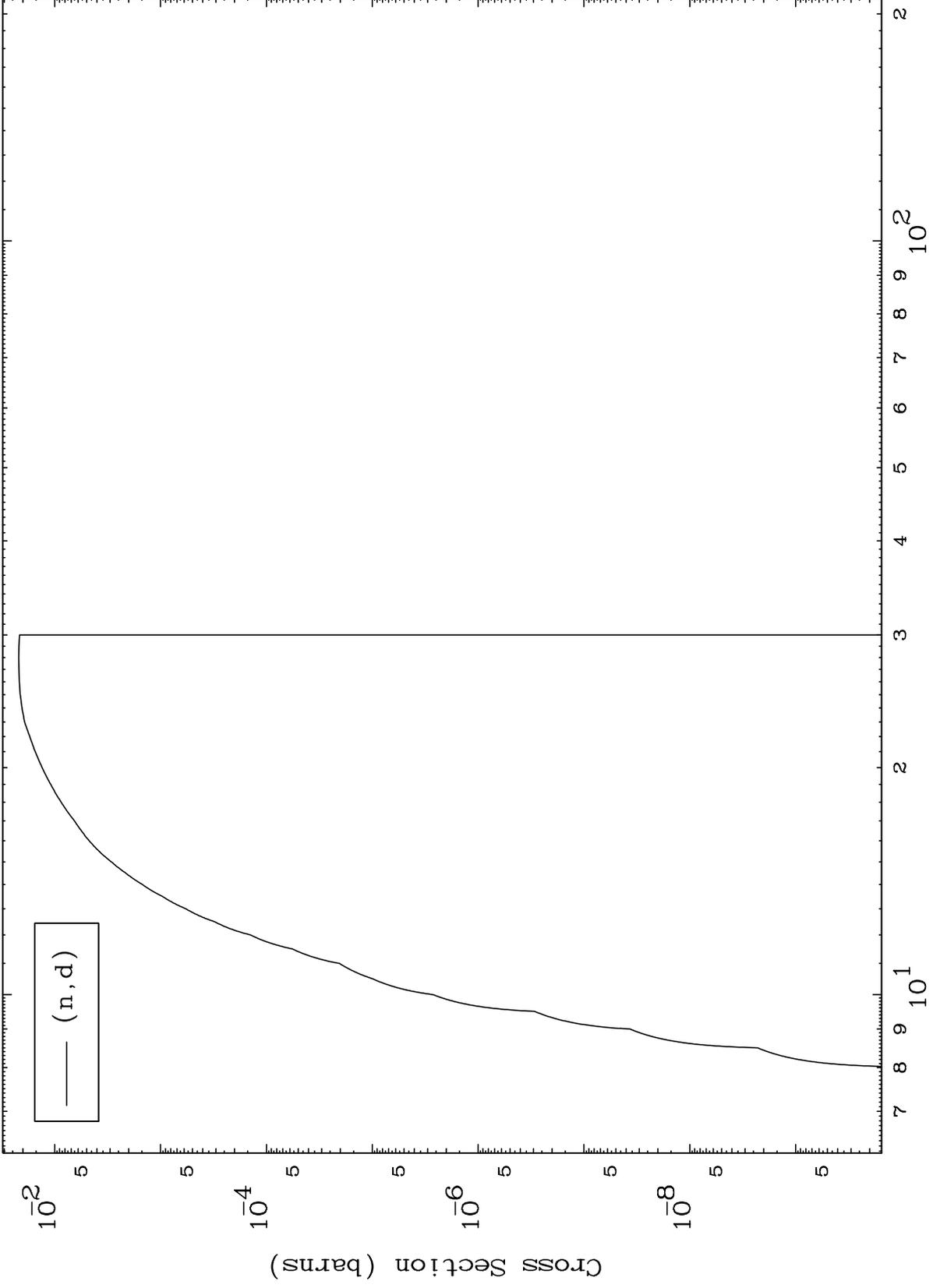
Incident Energy (MeV)

37-Rb-87

MAT 3731

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-87



11

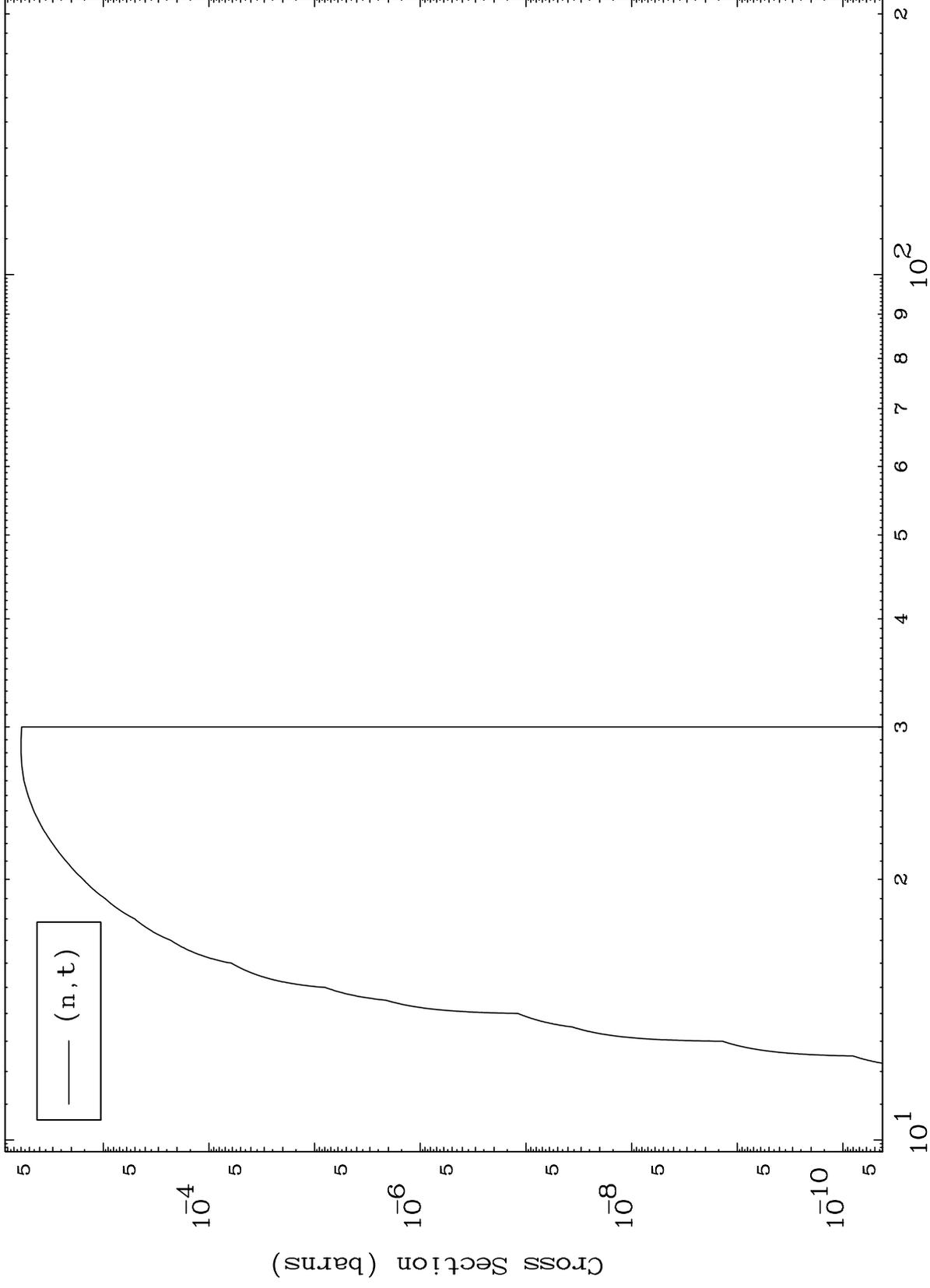
Incident Energy (MeV)

37-Rb-87

MAT 3731

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-87



Incident Energy (MeV)

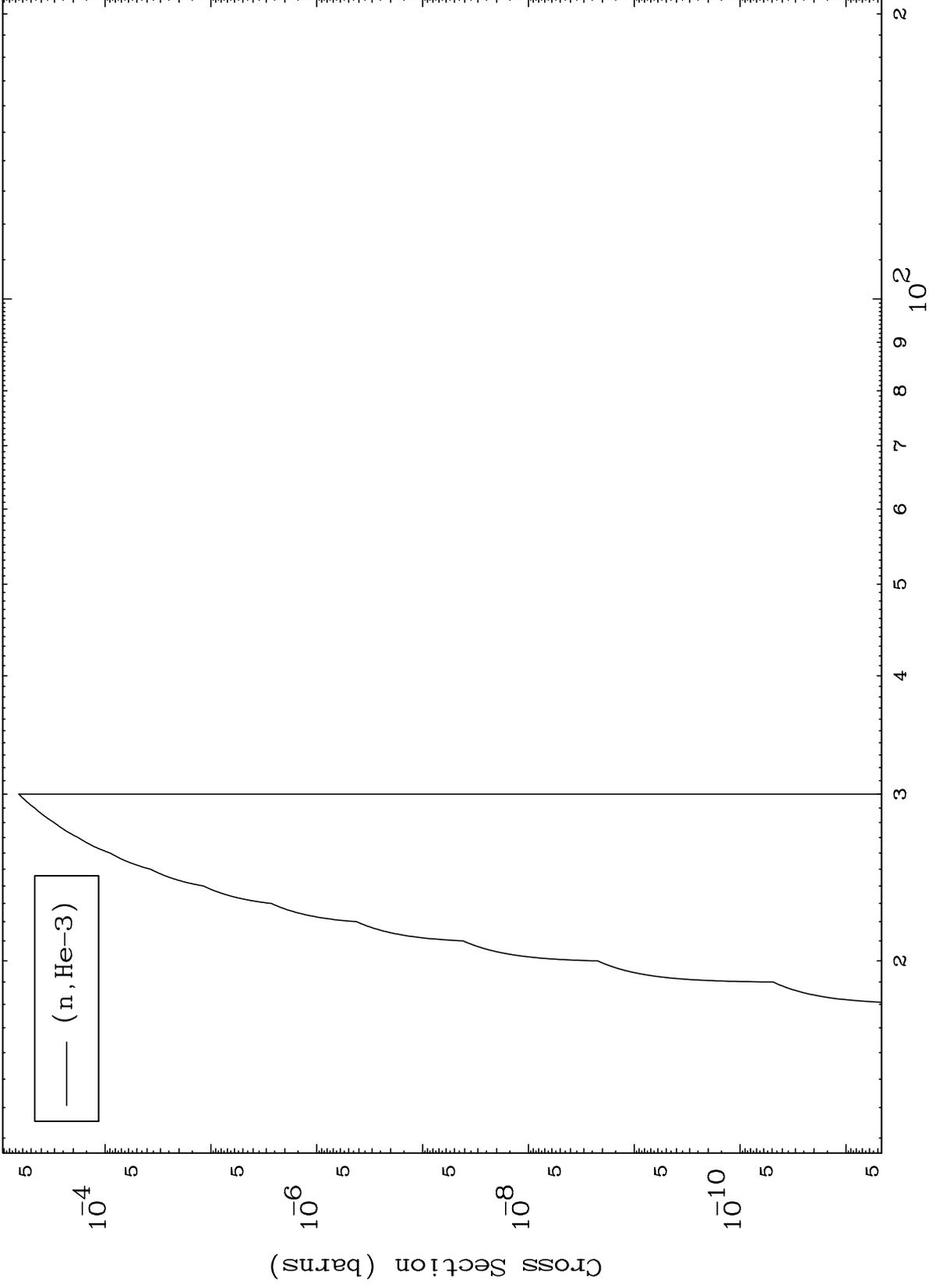
37-Rb-87

12

MAT 3731

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-87



13

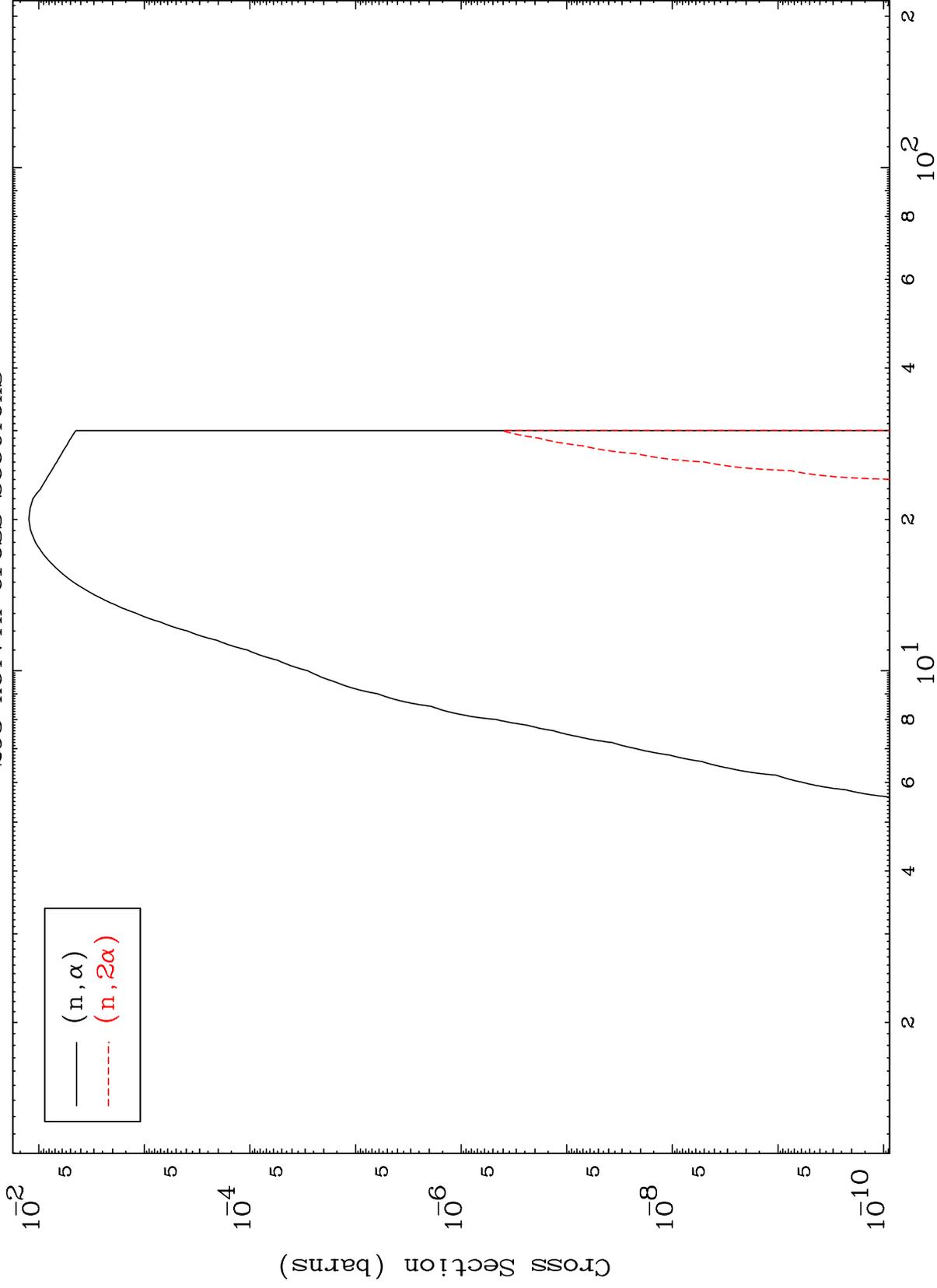
Incident Energy (MeV)

37-Rb-87

MAT 3731

(n, α) Levels
293 Kelvin Cross Sections

37-Rb-87



14

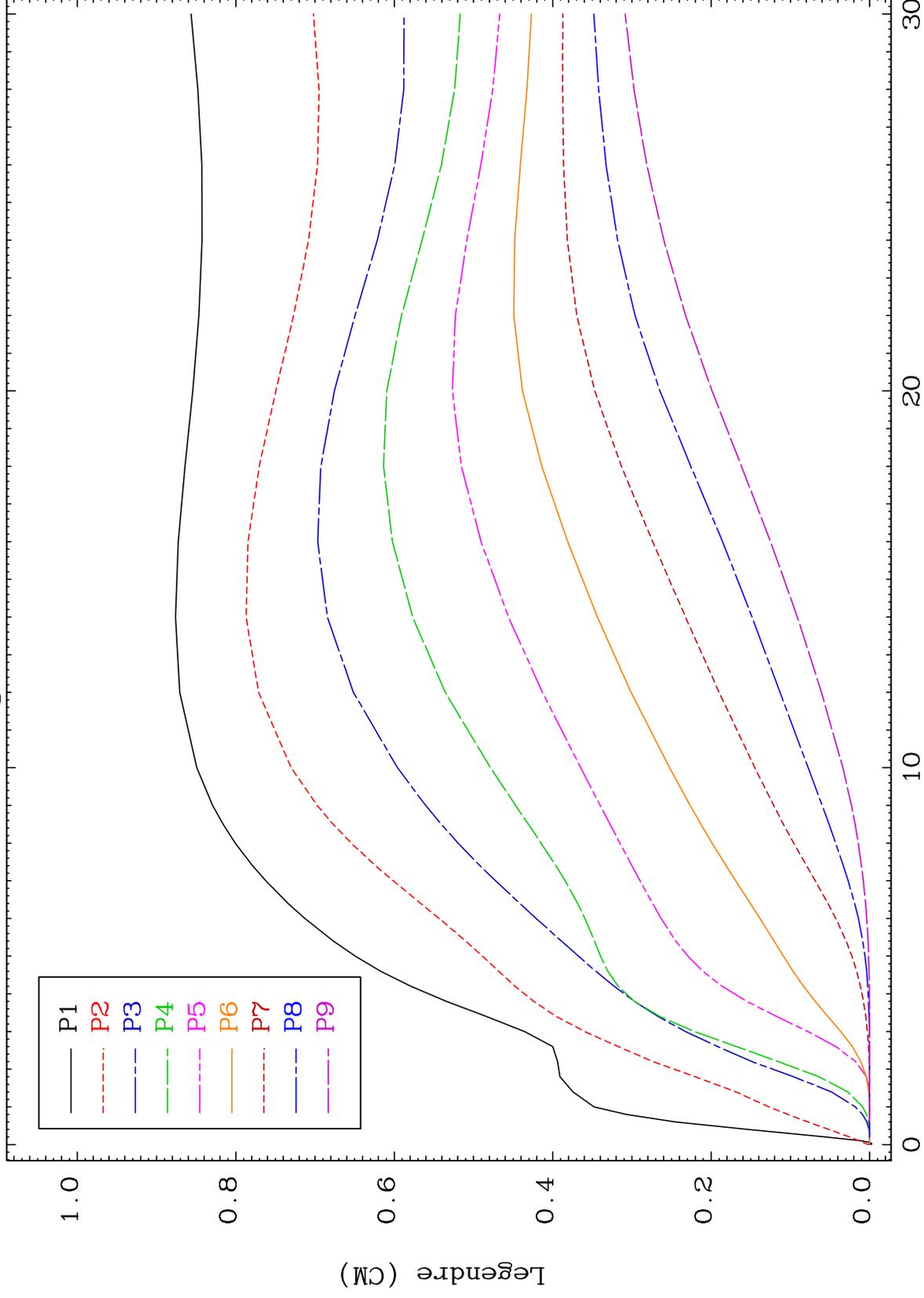
Incident Energy (MeV)

37-Rb-87

MAT 3731

Elastic Legendre Coefficients

³⁷Rb-87



15

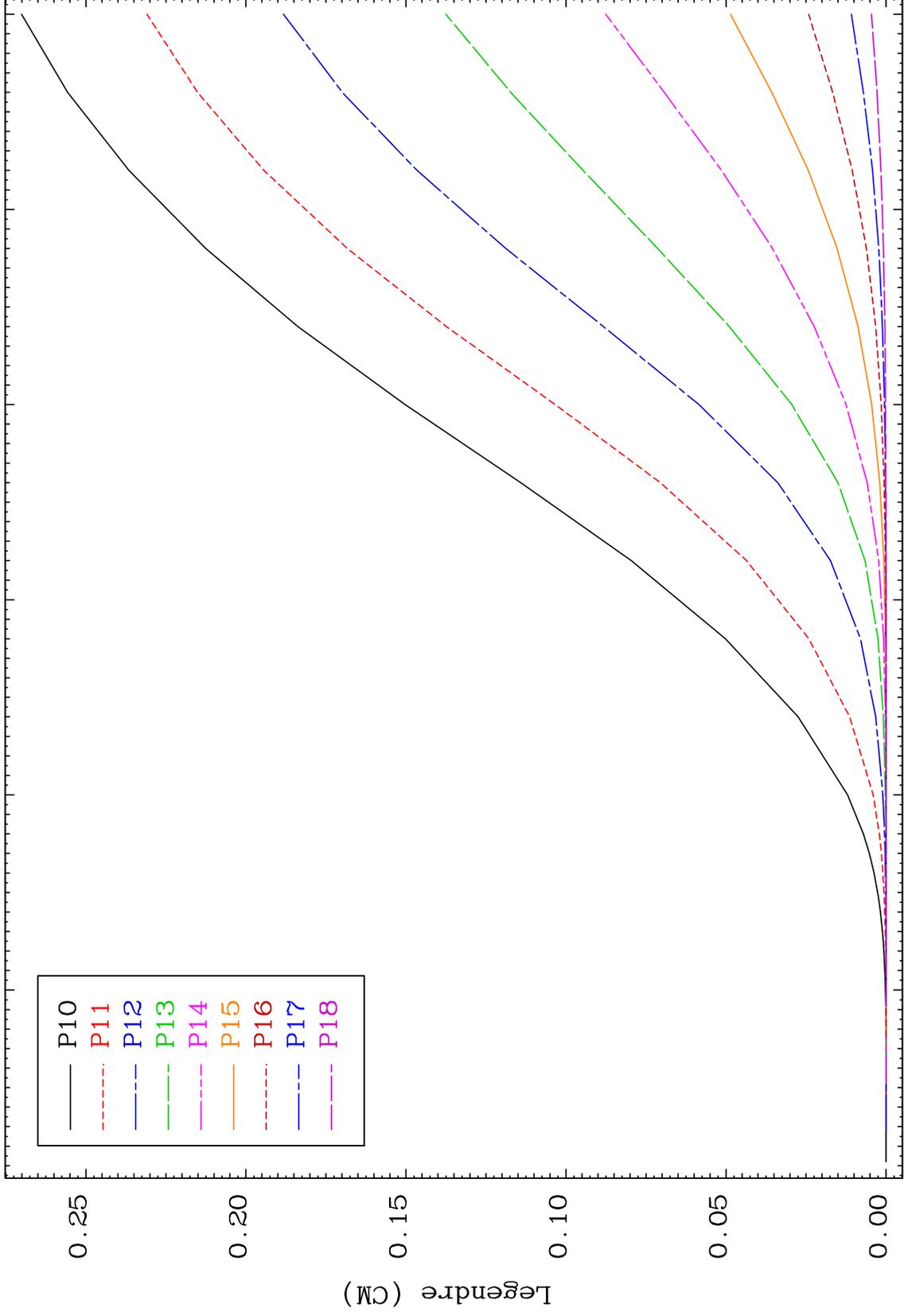
Incident Energy (MeV)

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MAT 3731

Elastic Legendre Coefficients

37-Rb-87



16

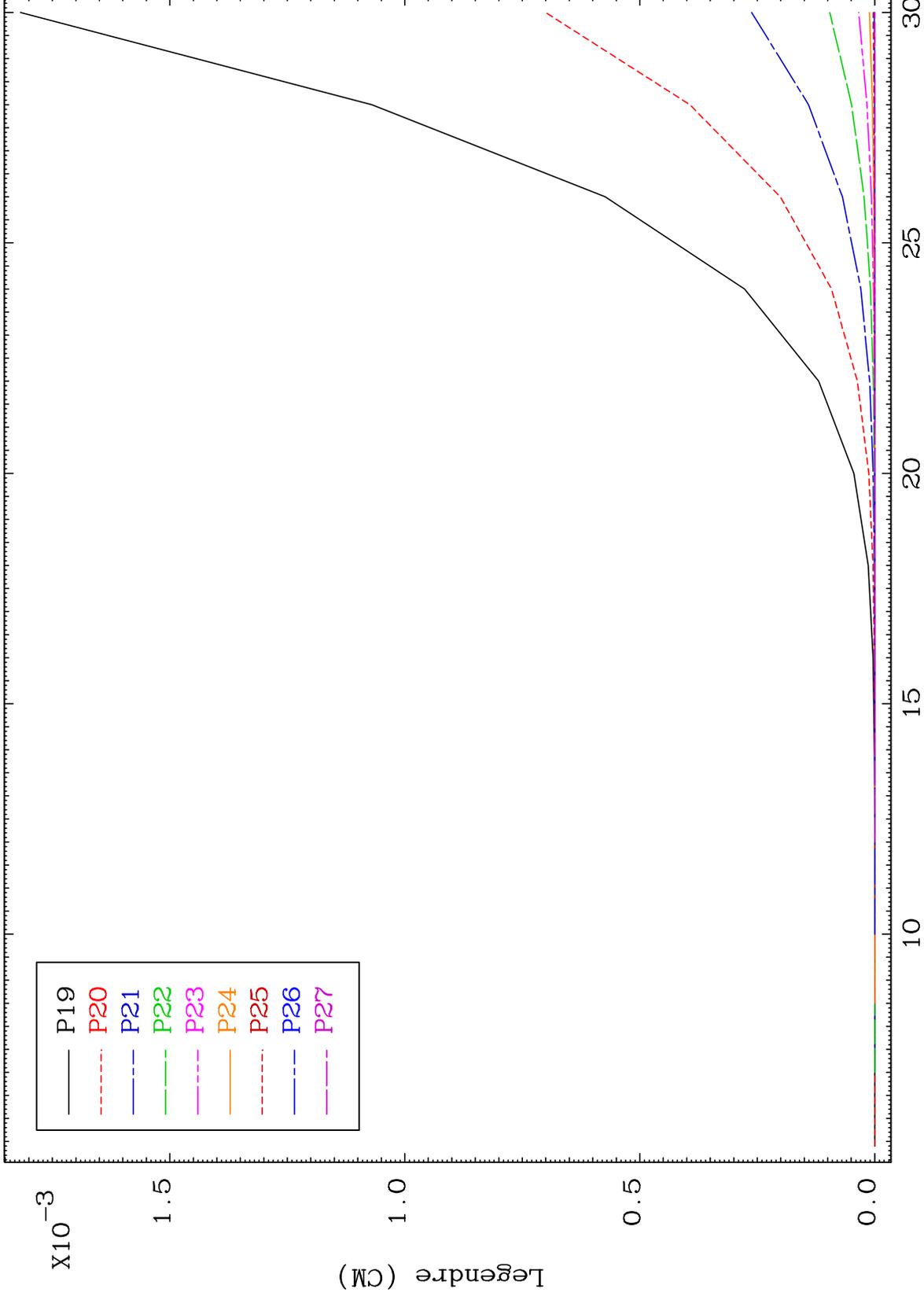
Incident Energy (MeV)

37-Rb-87

MAT 3731

Elastic
Legendre Coefficients

37-Rb-87



17

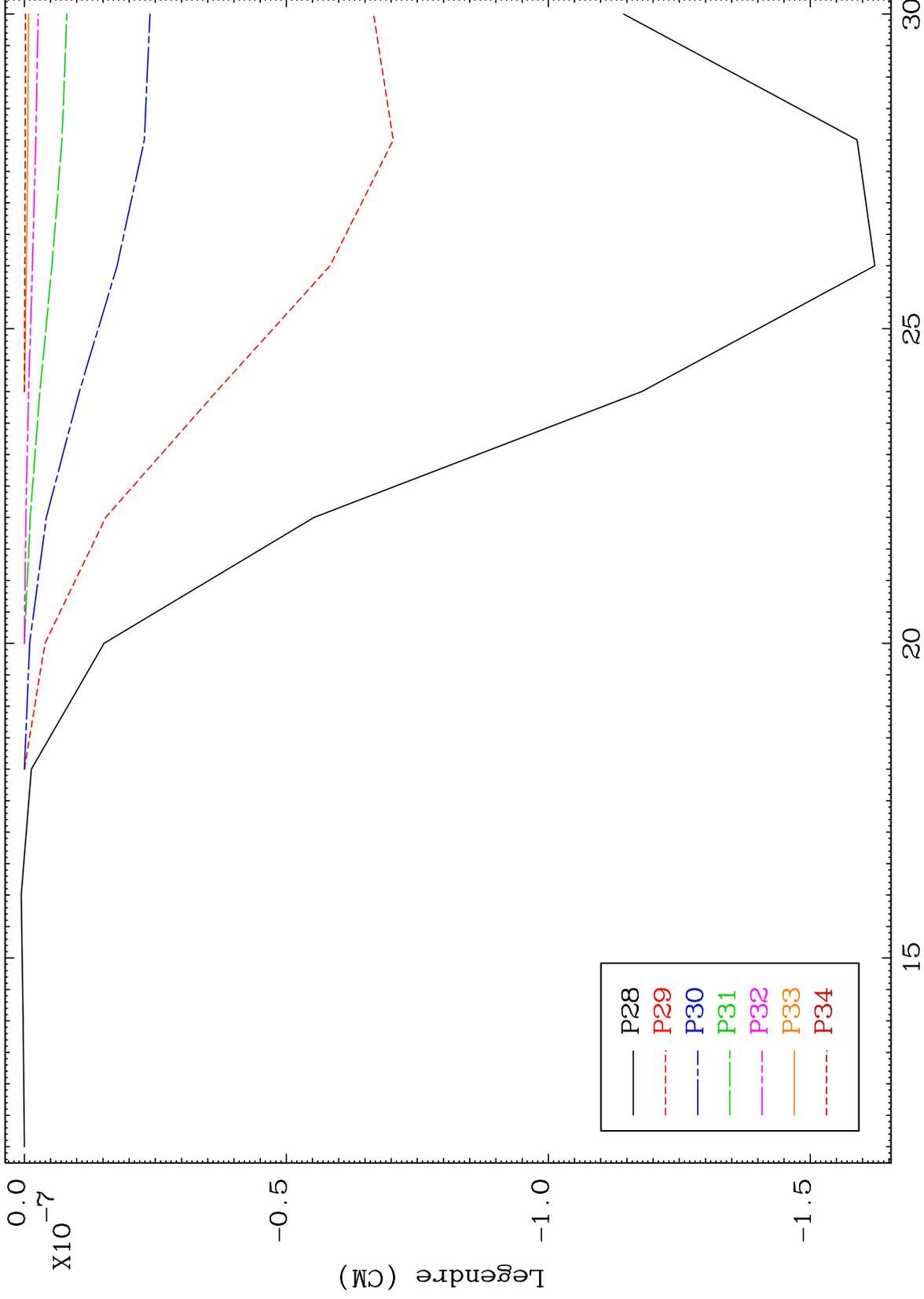
Incident Energy (MeV)

37-Rb-87

MAT 3731

37-Rb-87

Elastic Legendre Coefficients



18

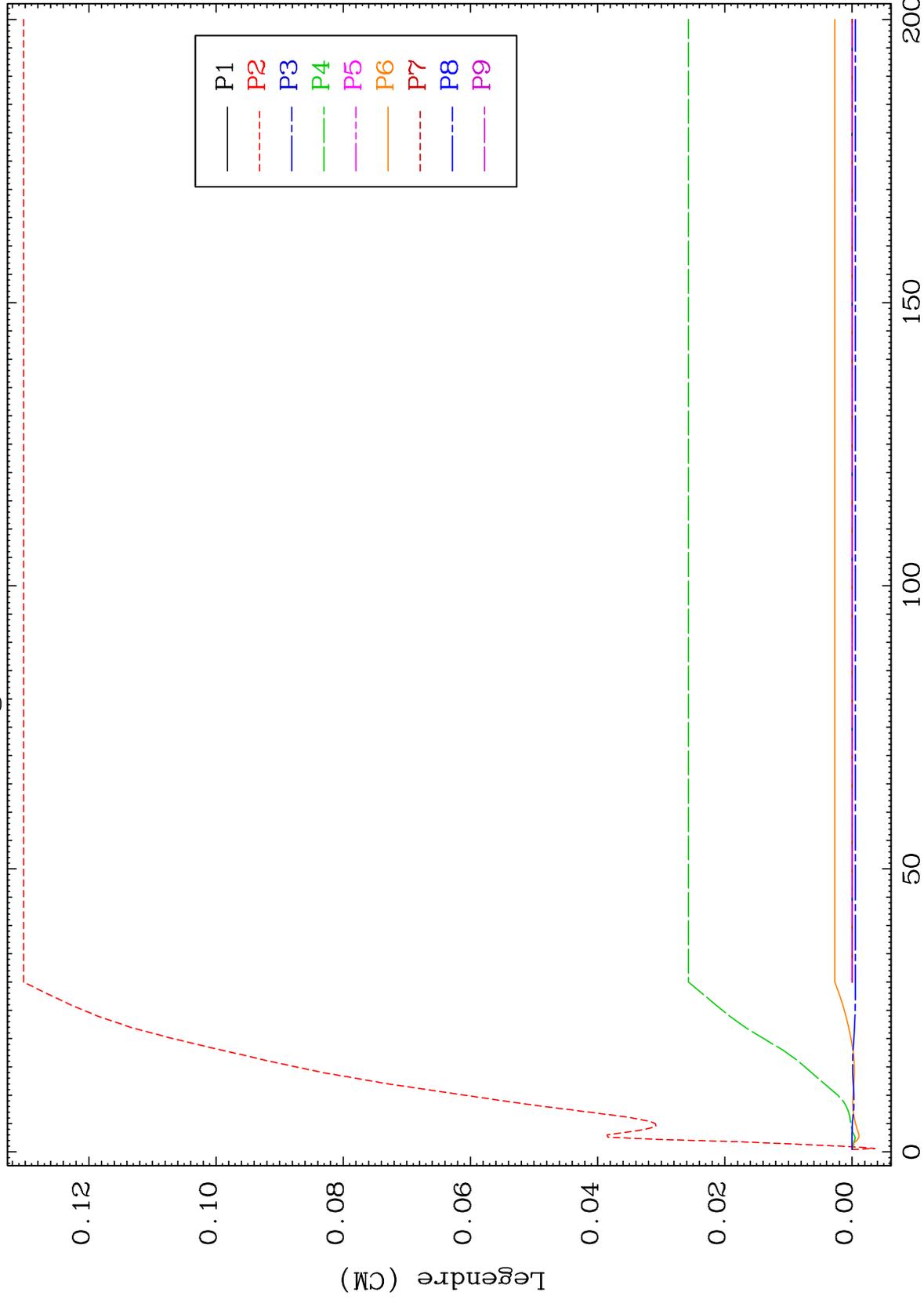
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



19

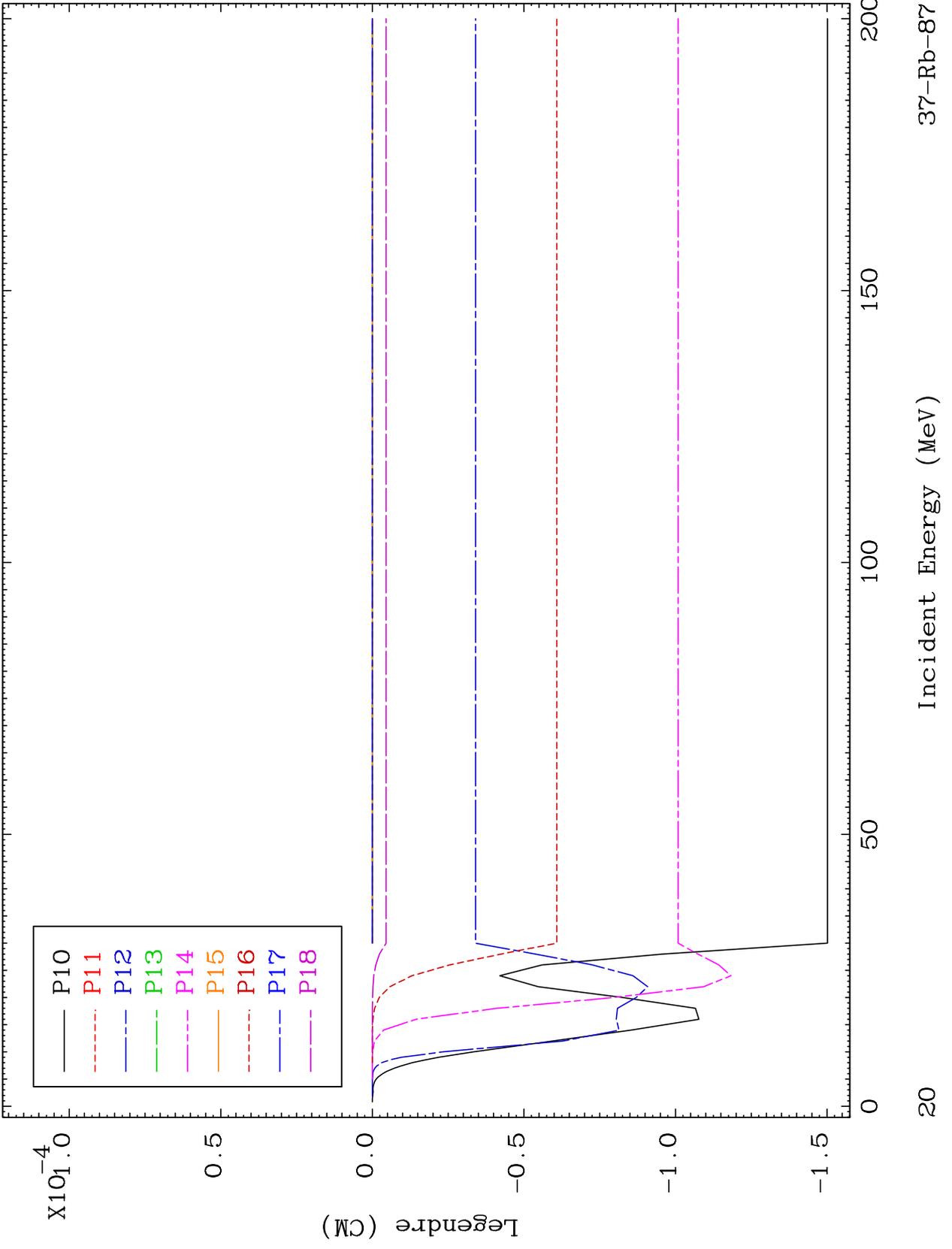
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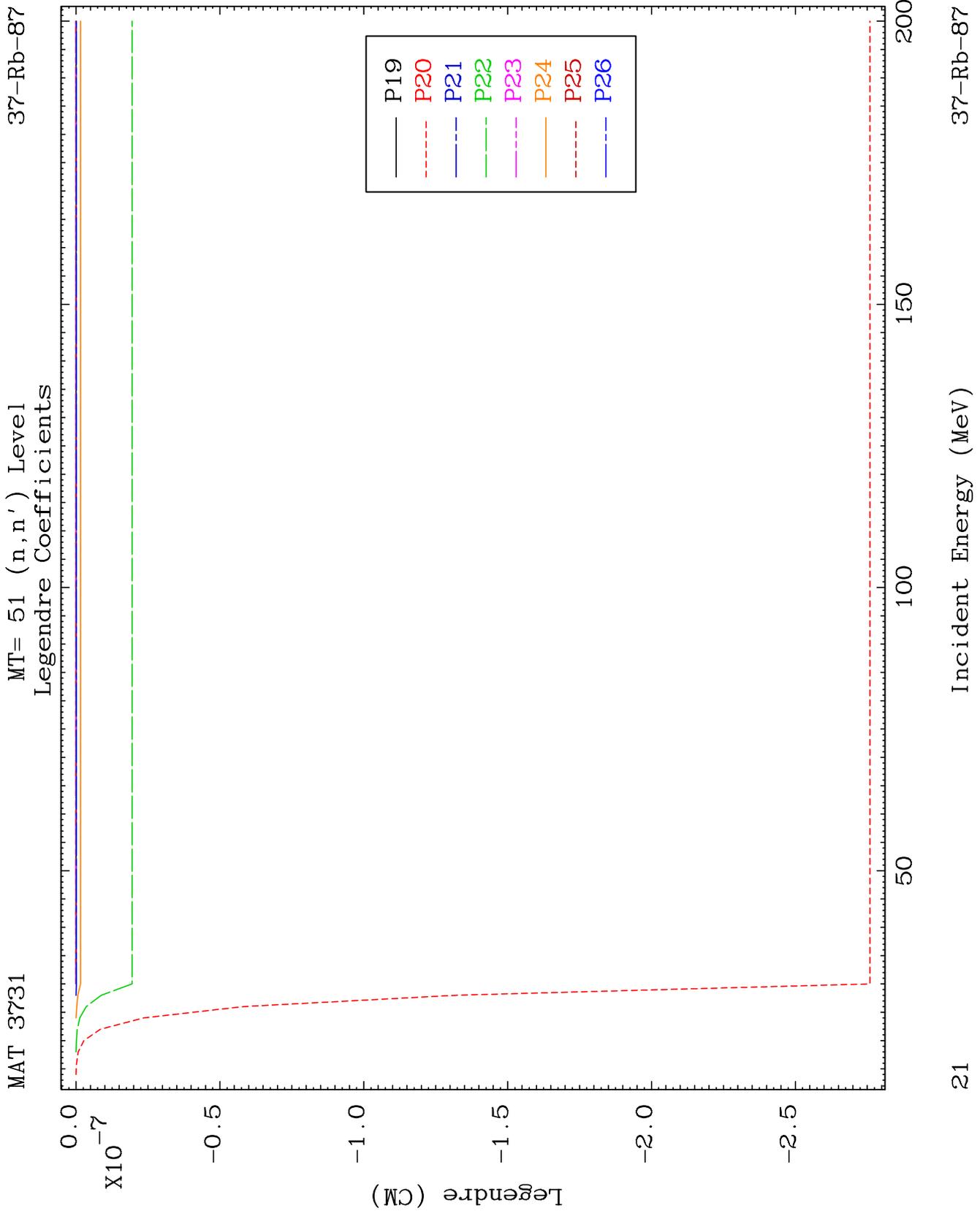
37-Rb-87

MAT 3731

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

37-Rb-87

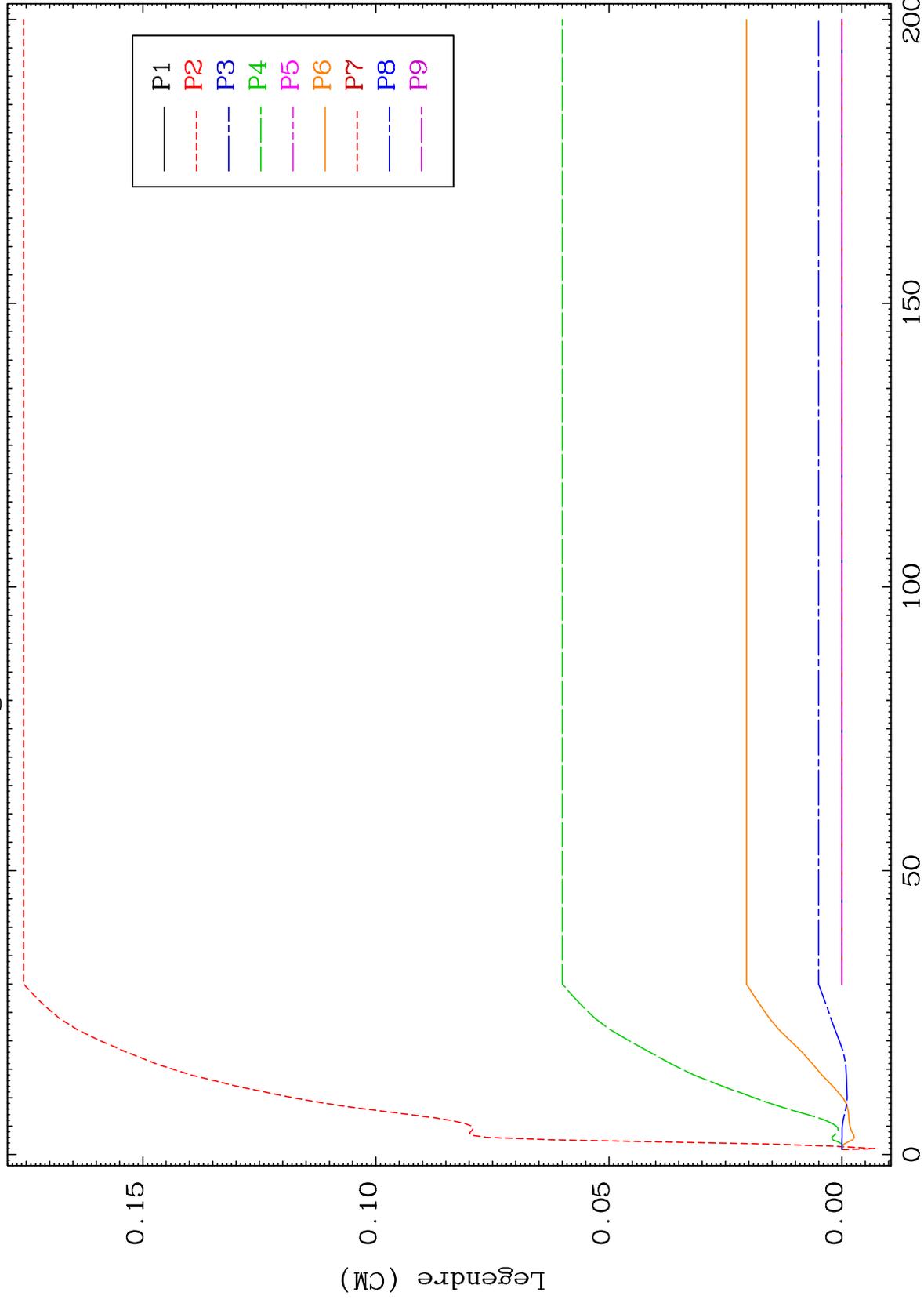




MAT 3731

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

37-Rb-87



22

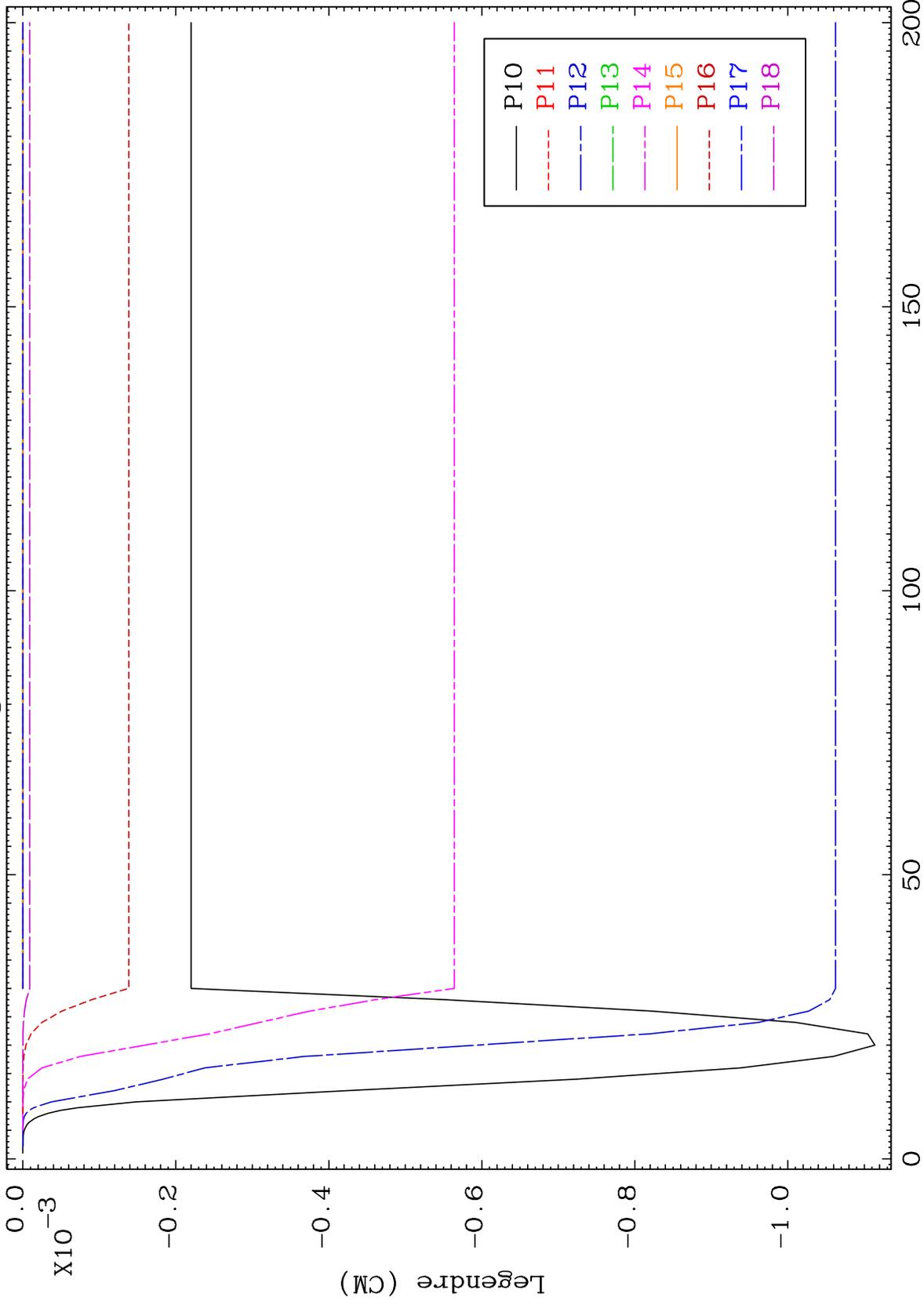
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

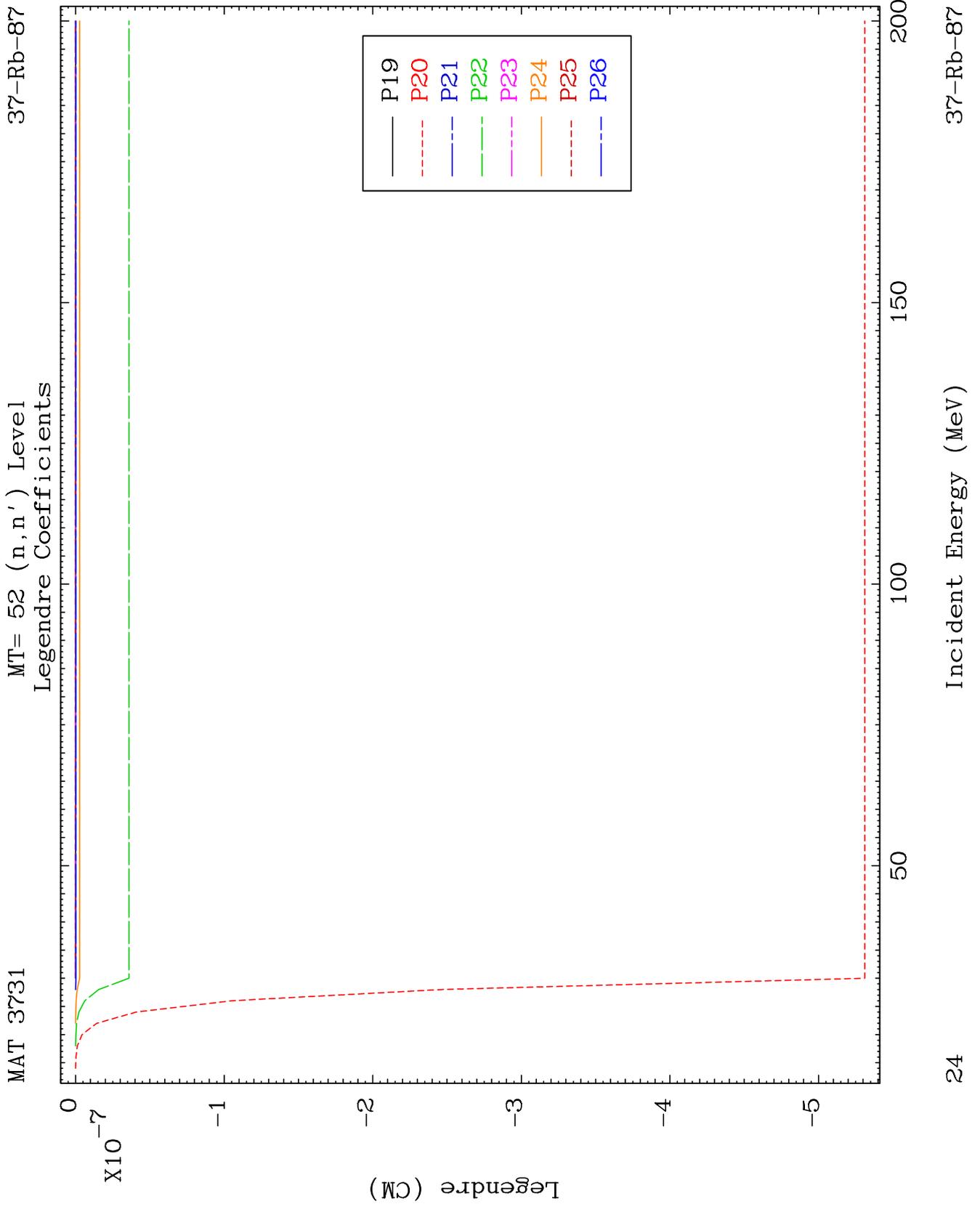
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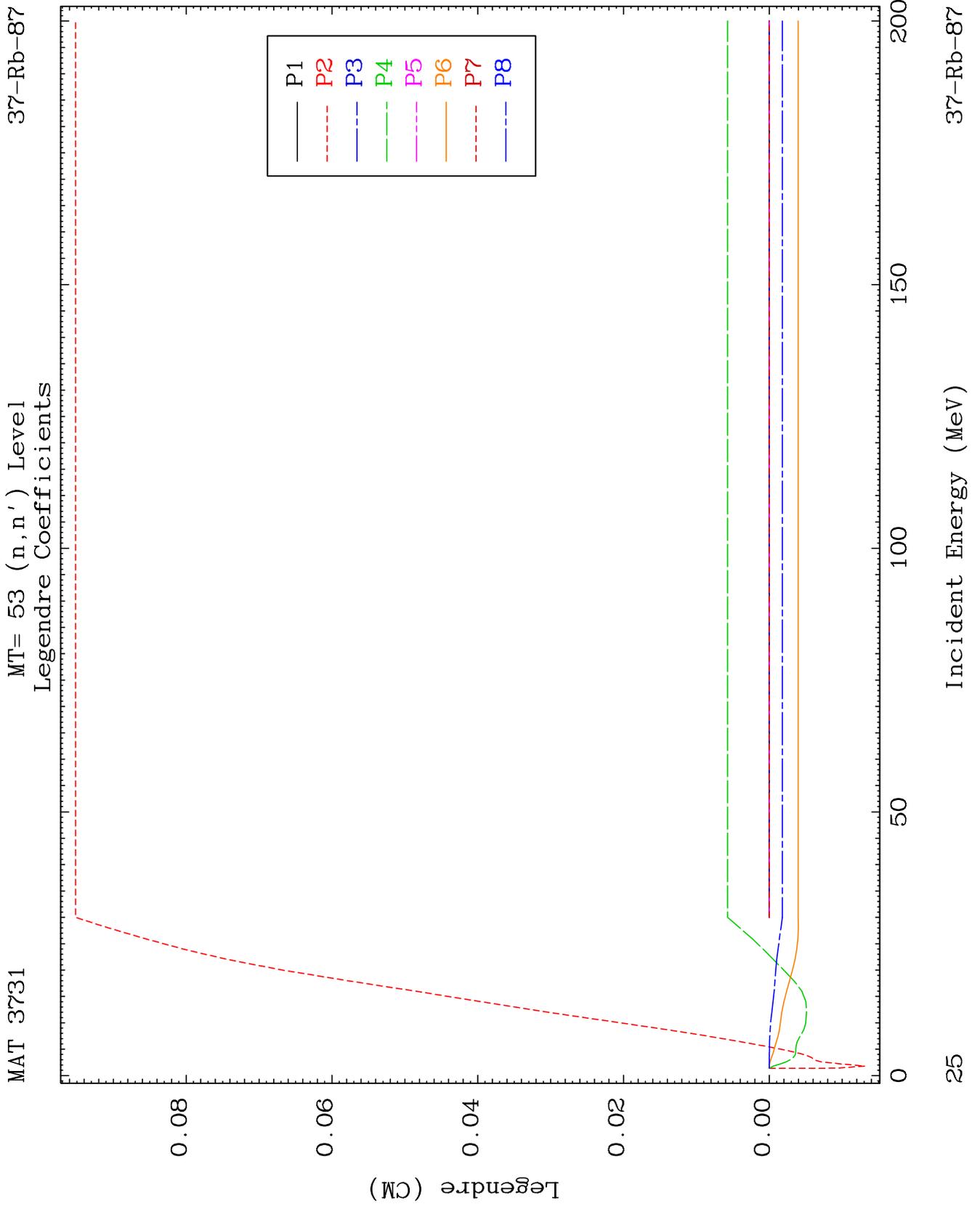


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Incident Energy (MeV)

37-Rb-87

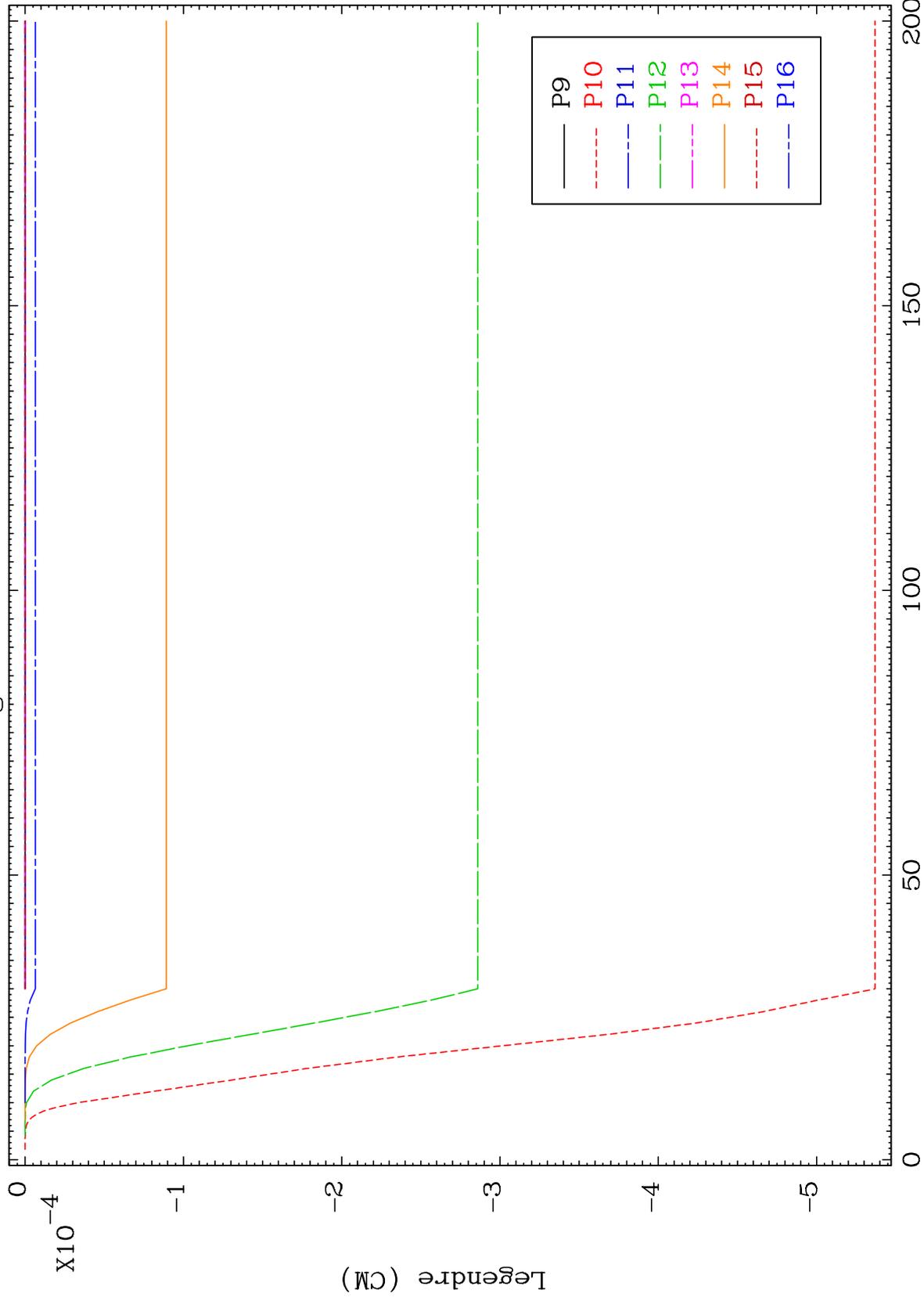




MAT 3731

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

37-Rb-87



26

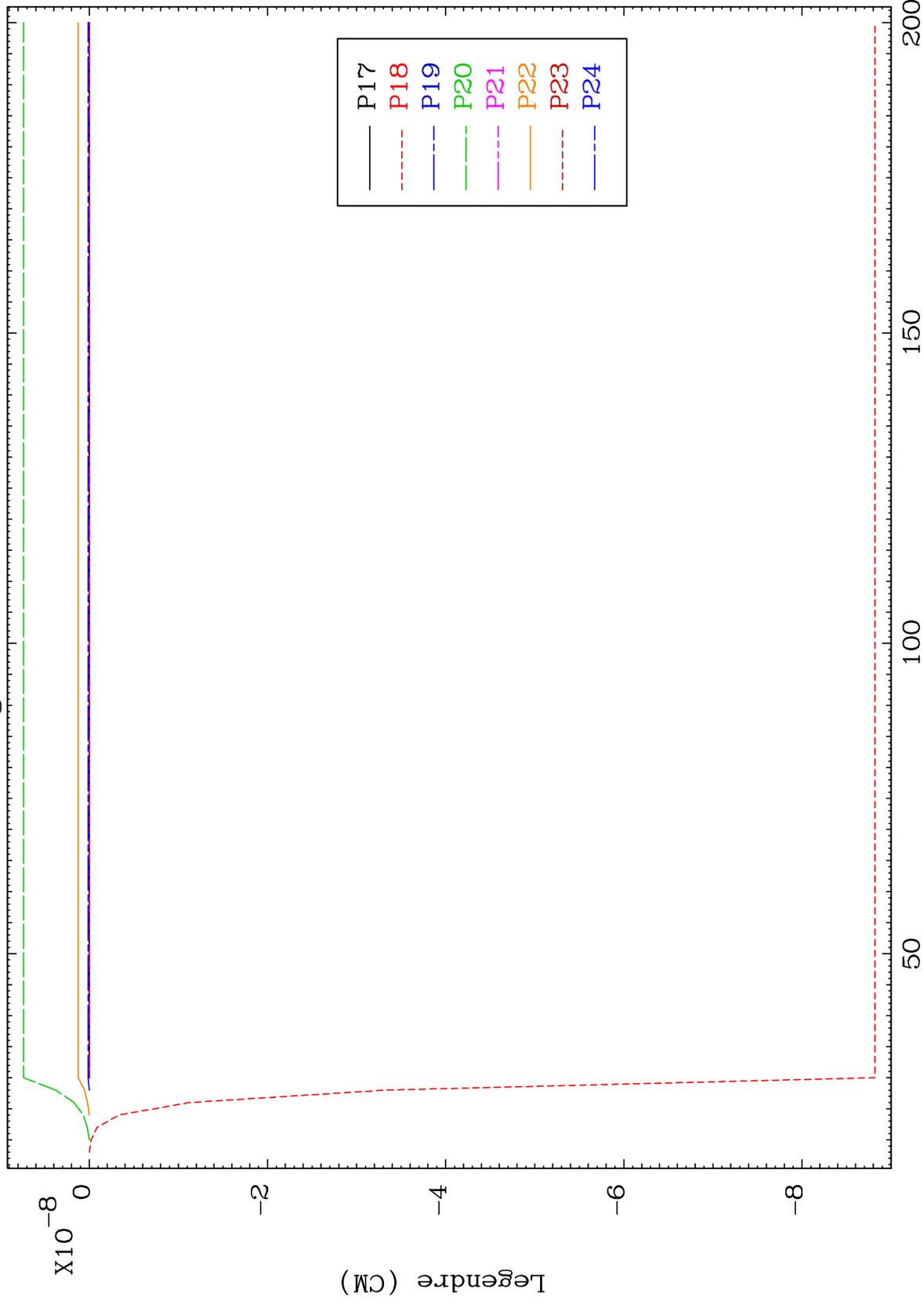
Incident Energy (MeV)

37-Rb-87

MAT 3731

37-Rb-87

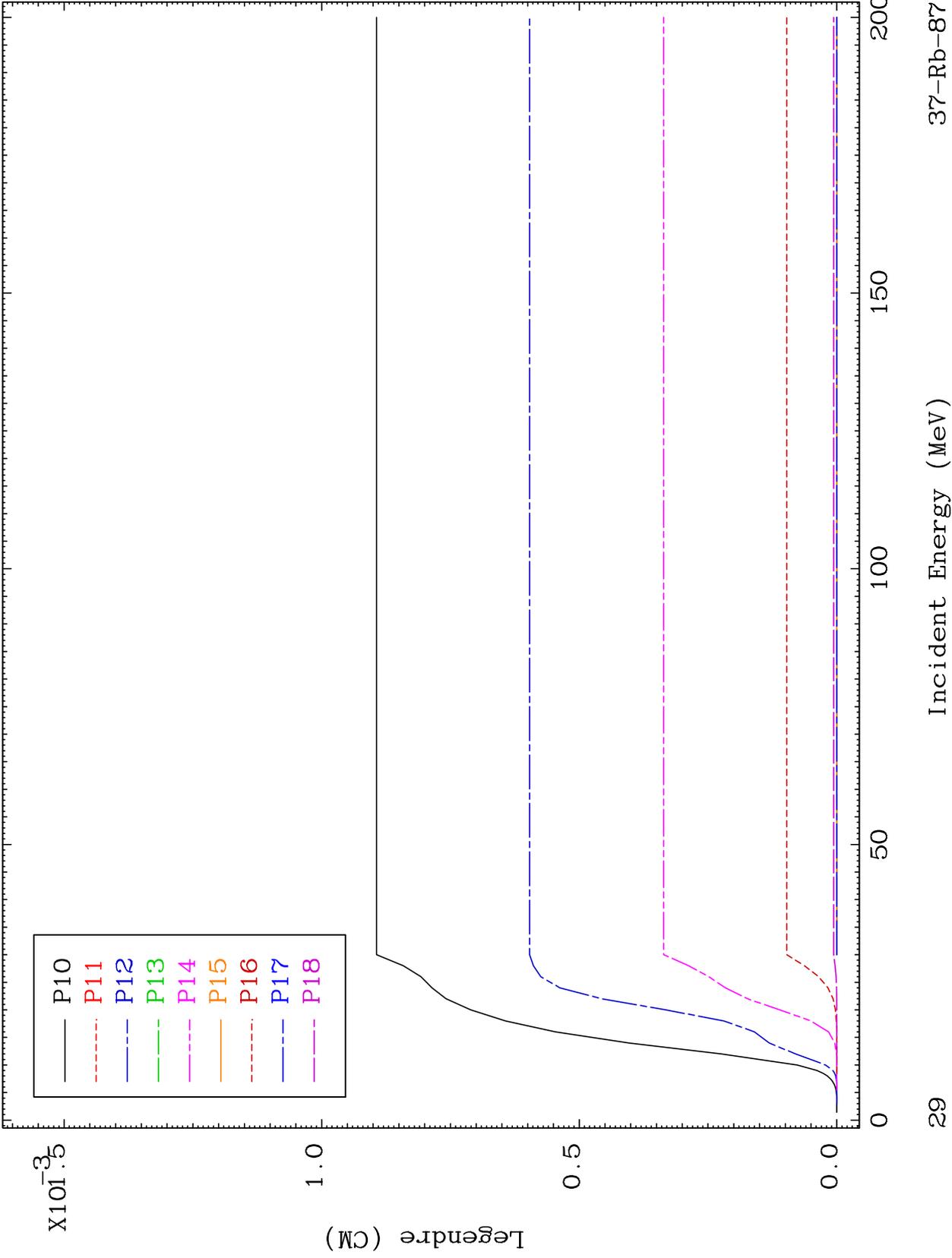
MT= 53 (n,n') Level
Legendre Coefficients

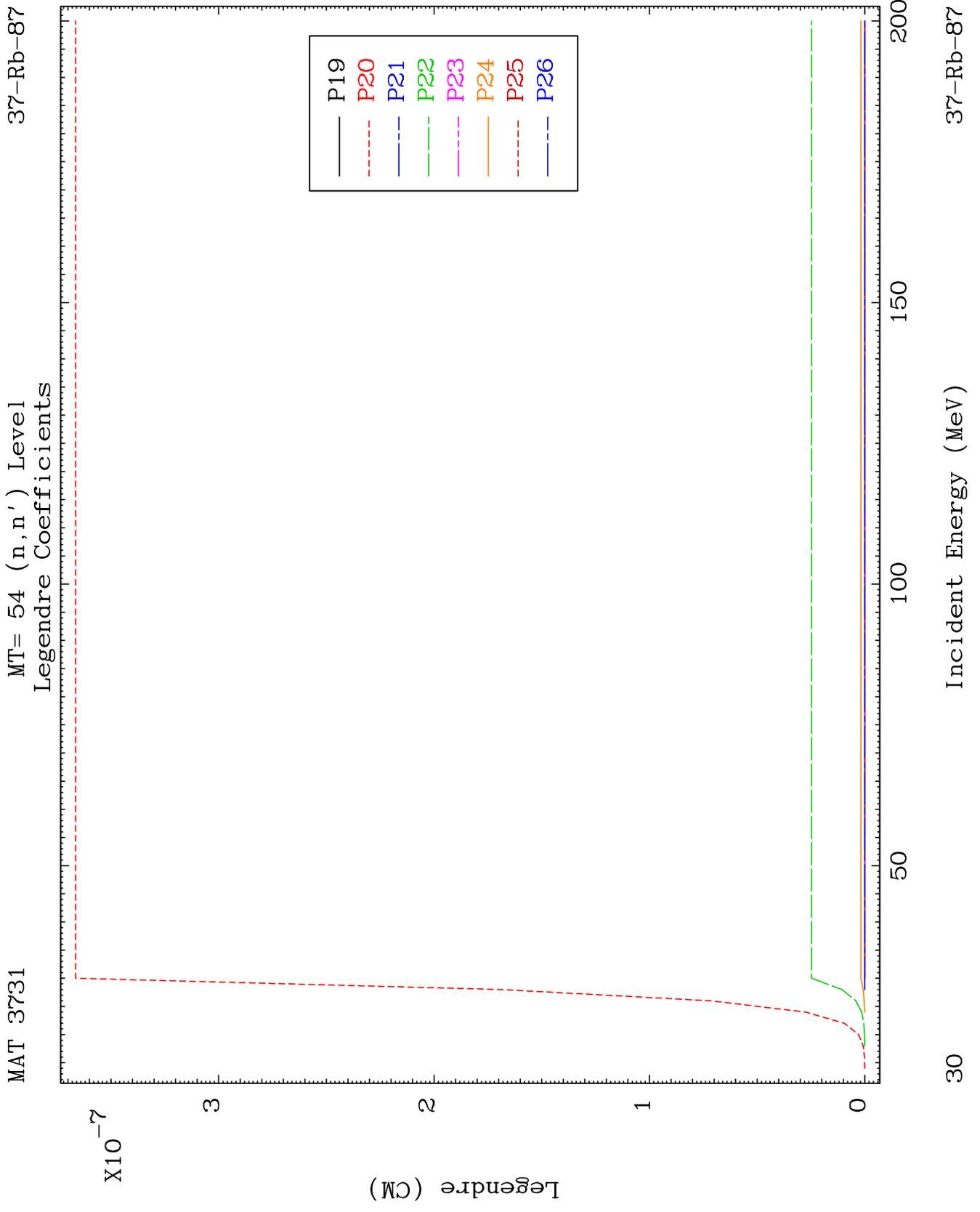


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Incident Energy (MeV)

37-Rb-87

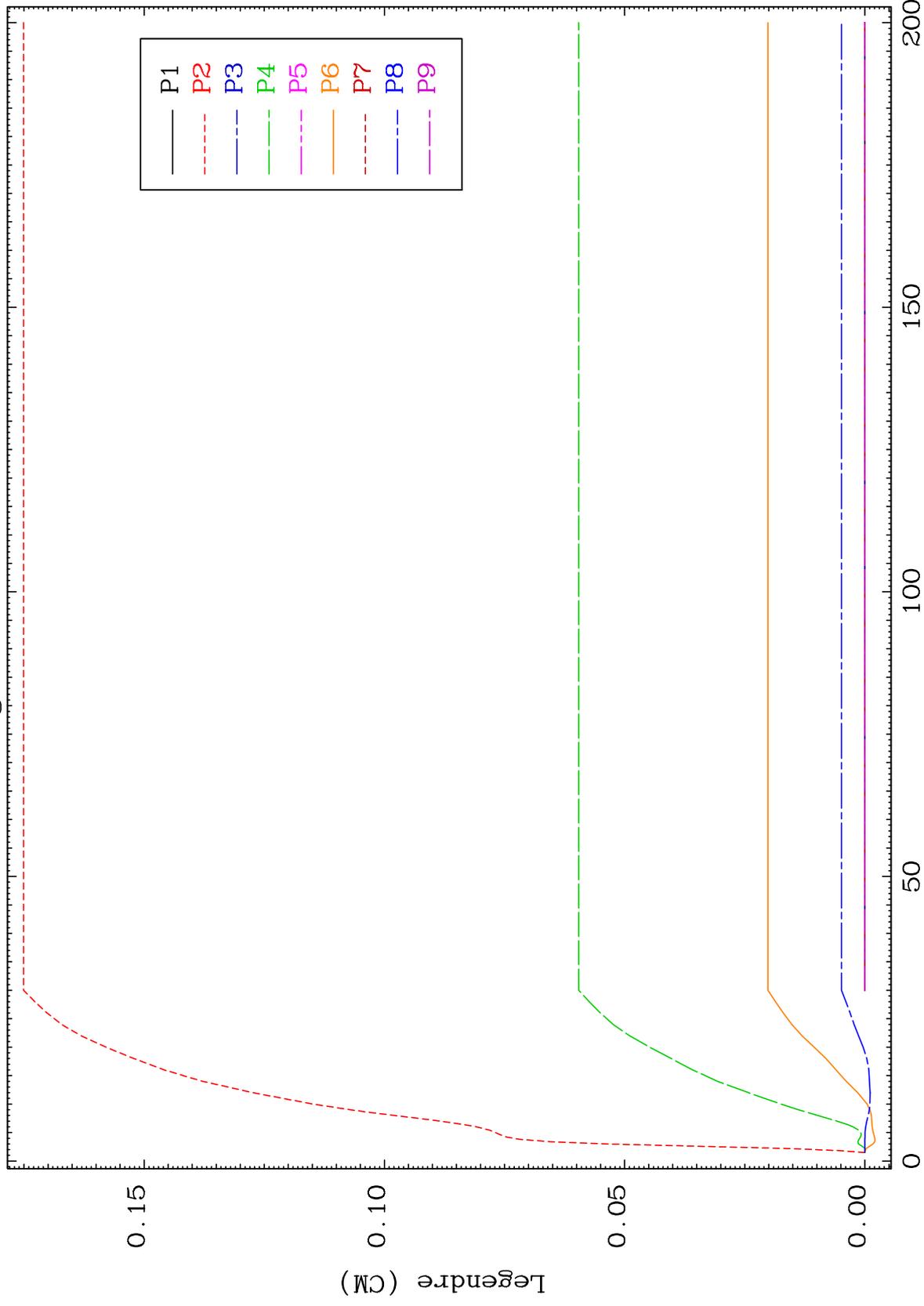




MAT 3731

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

37-Rb-87



31

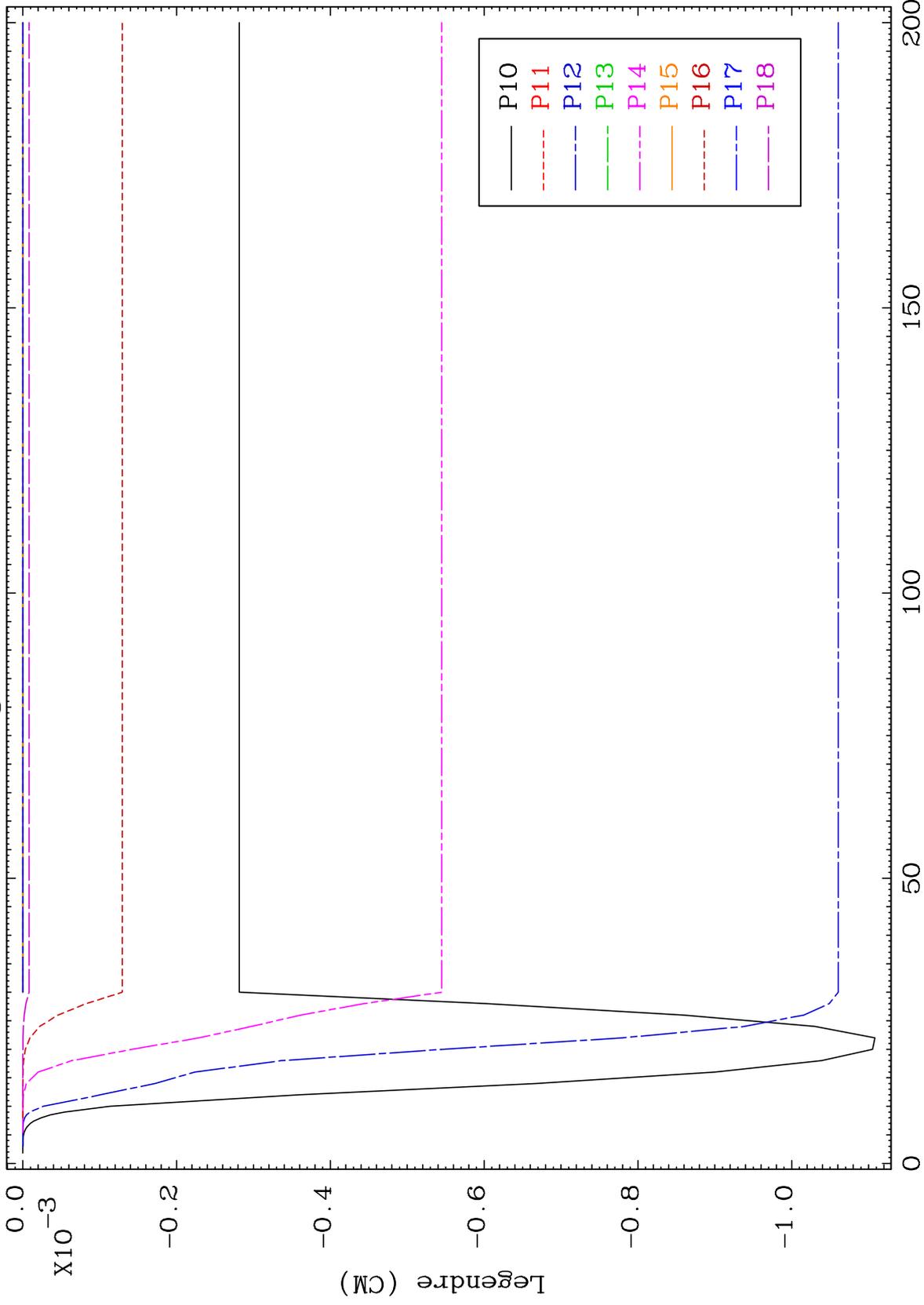
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

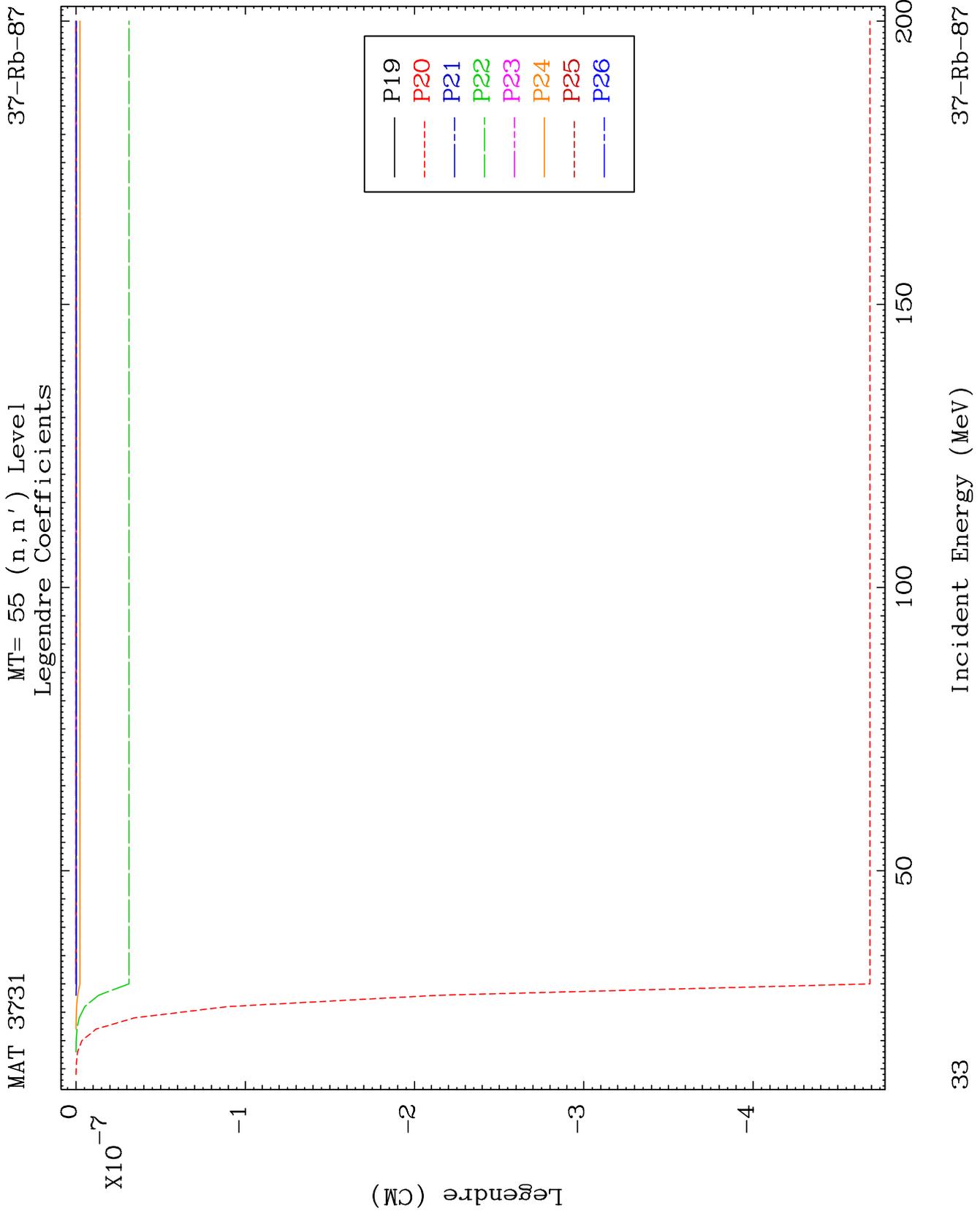
37-Rb-87



32

Incident Energy (MeV)

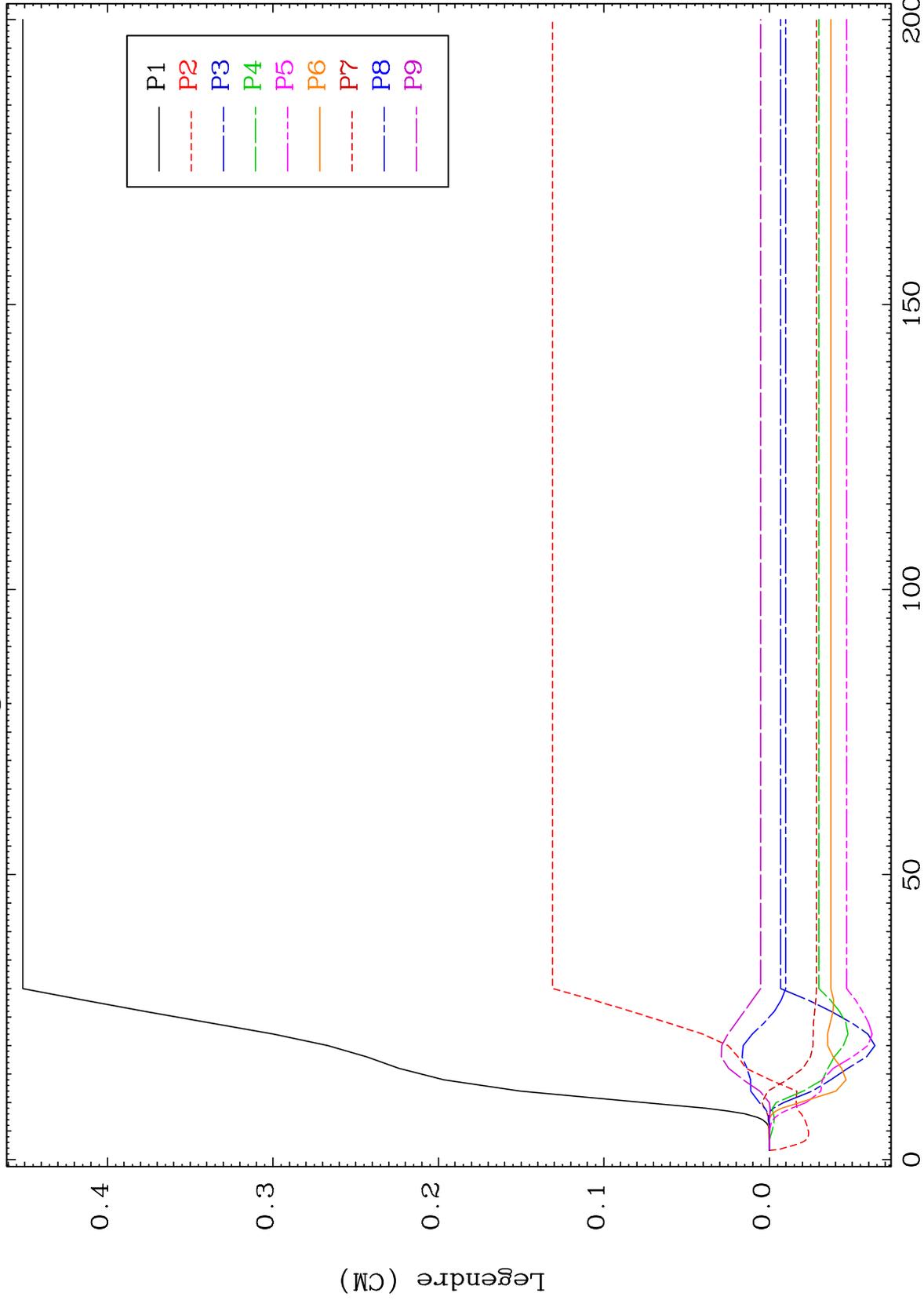
37-Rb-87



MAT 3731

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

37-Rb-87



34

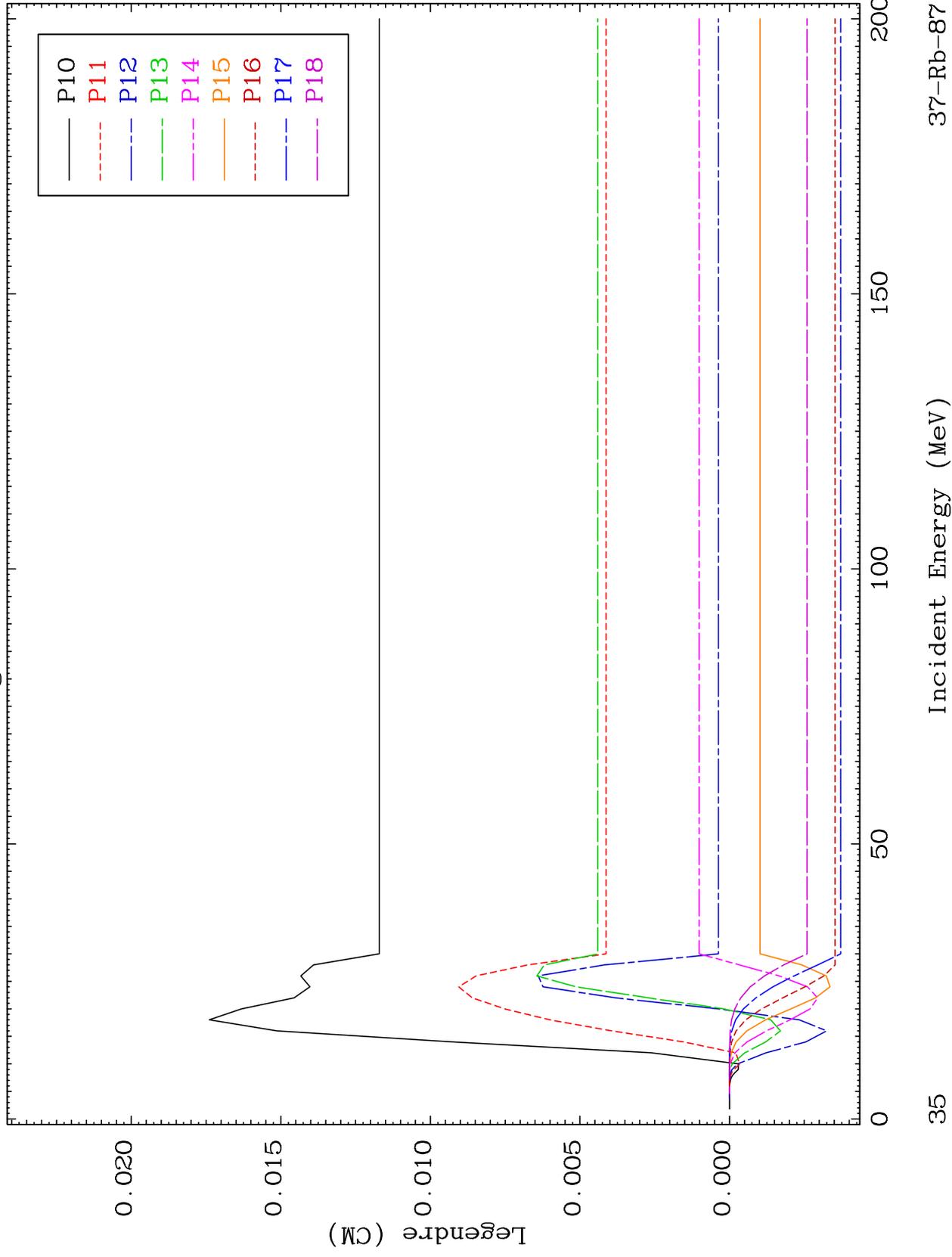
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

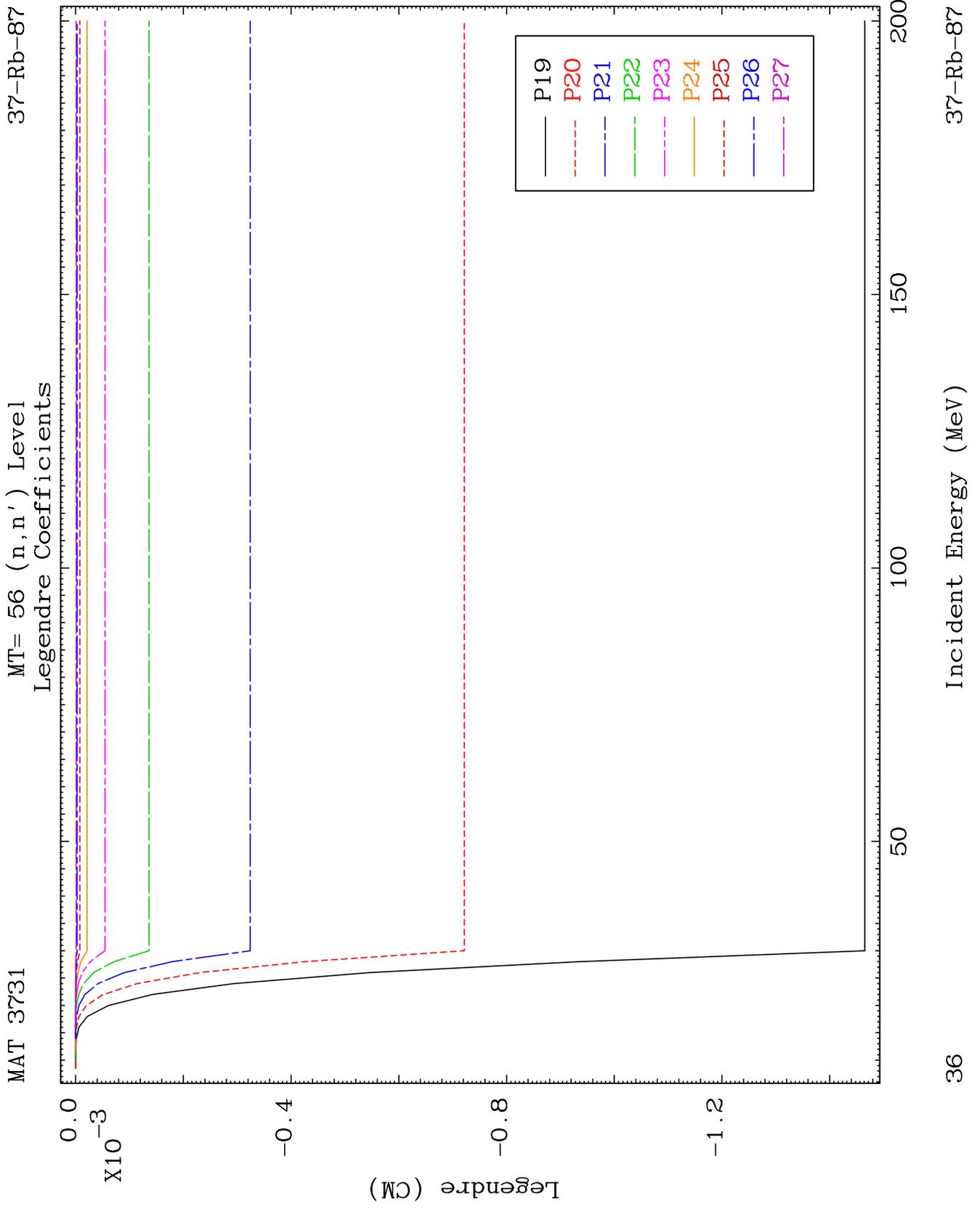
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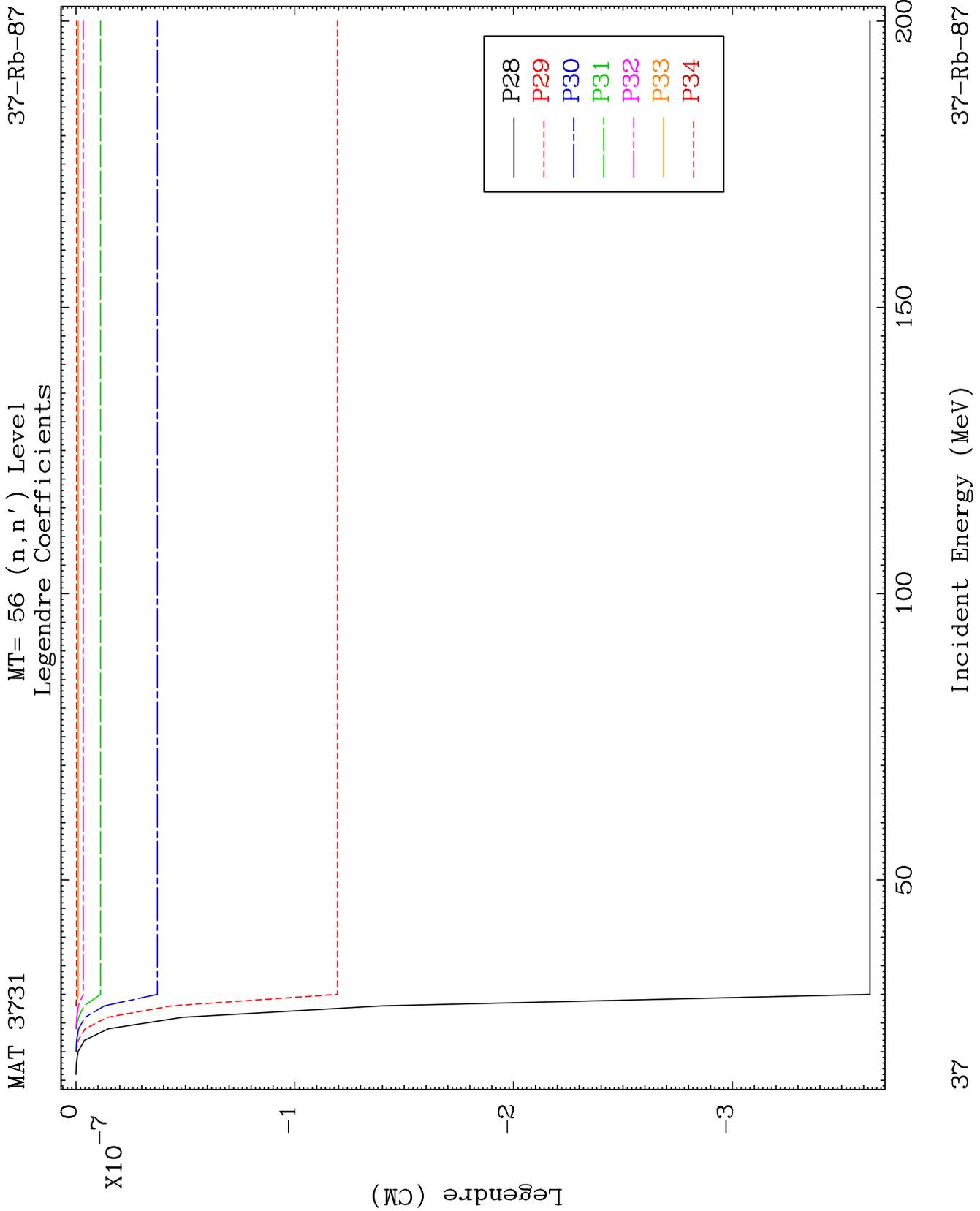


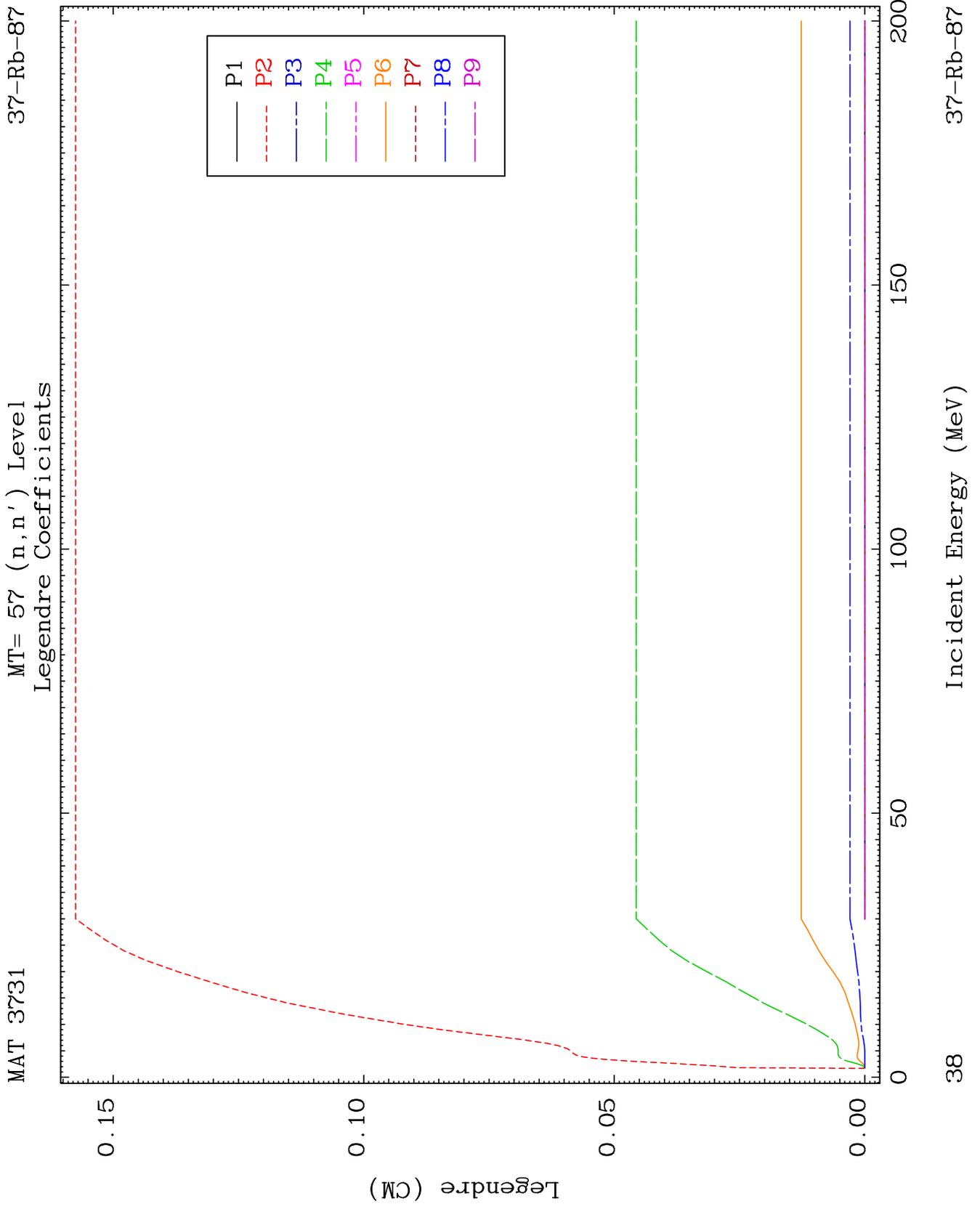
37-Rb-87

Incident Energy (MeV)

35



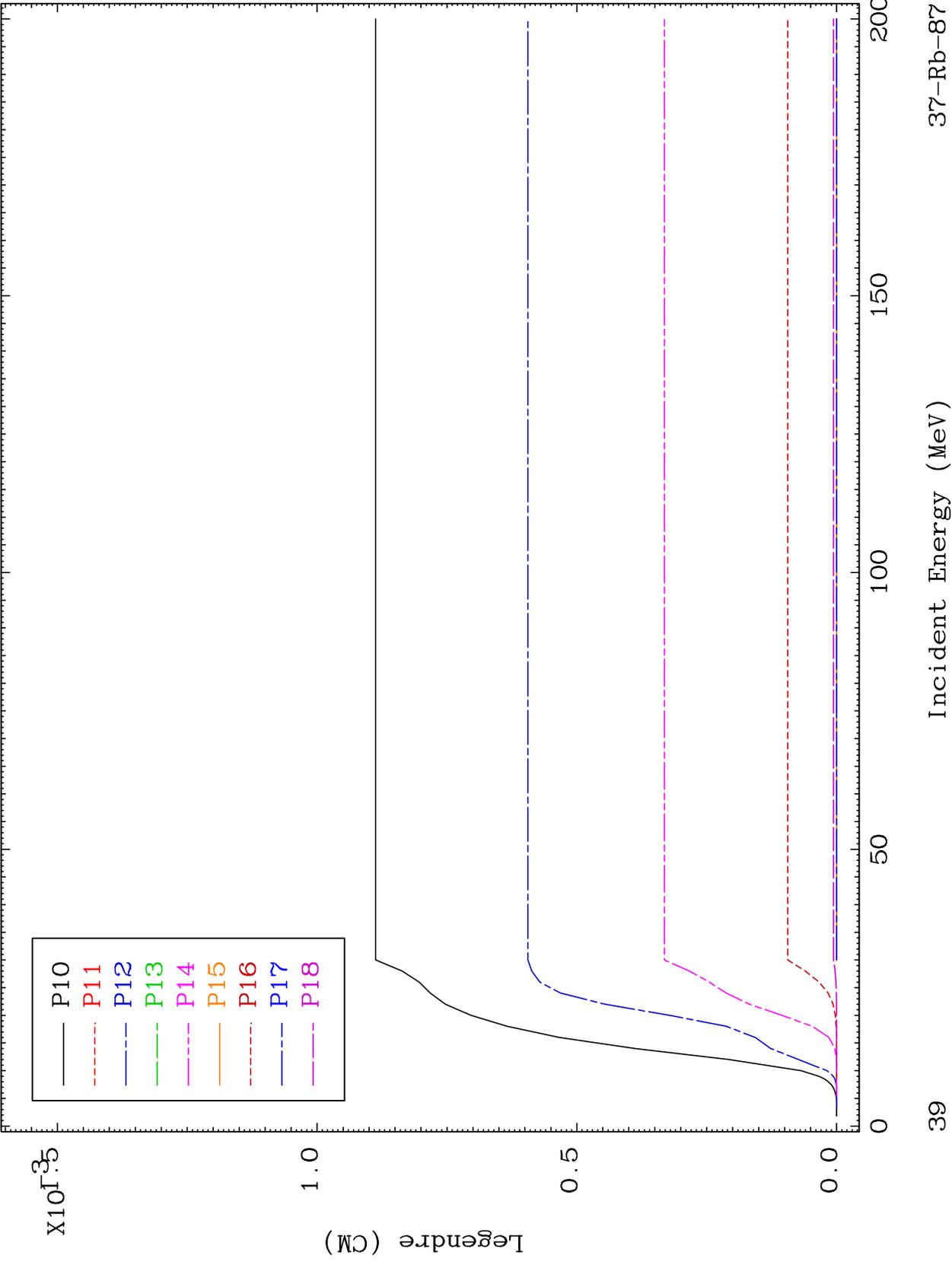


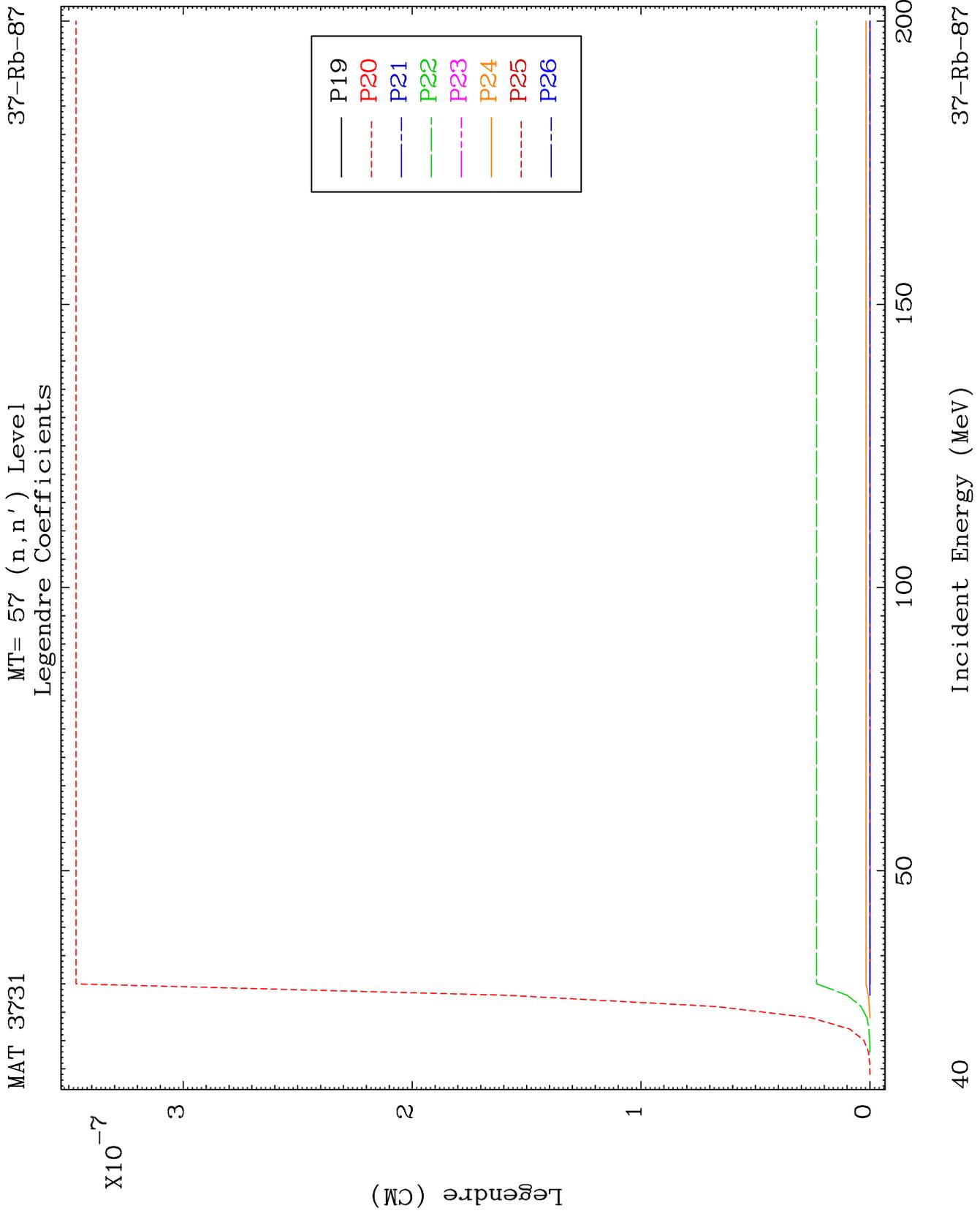


MAT 3731

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

37-Rb-87

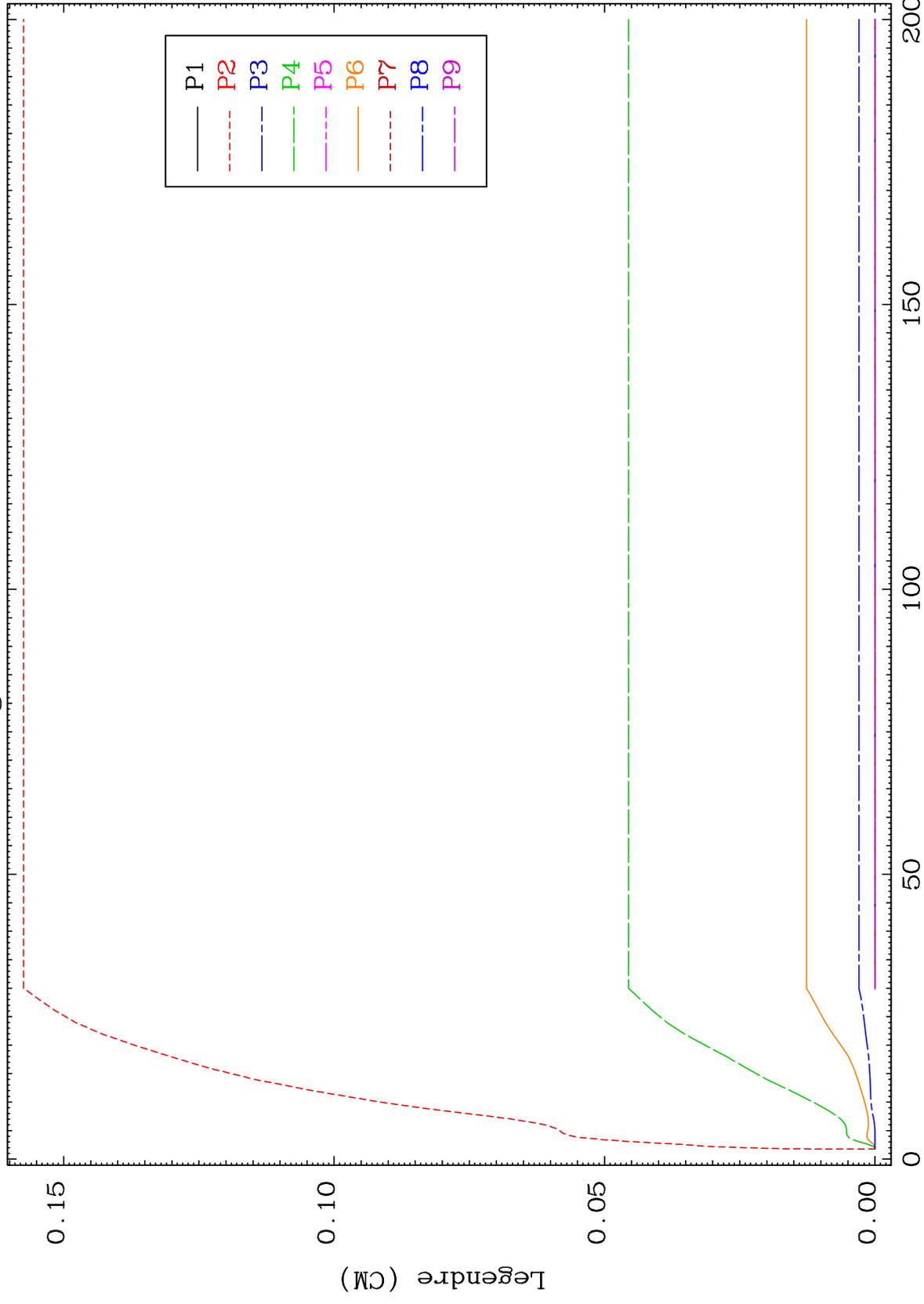




MAT 3731

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

37-Rb-87



41

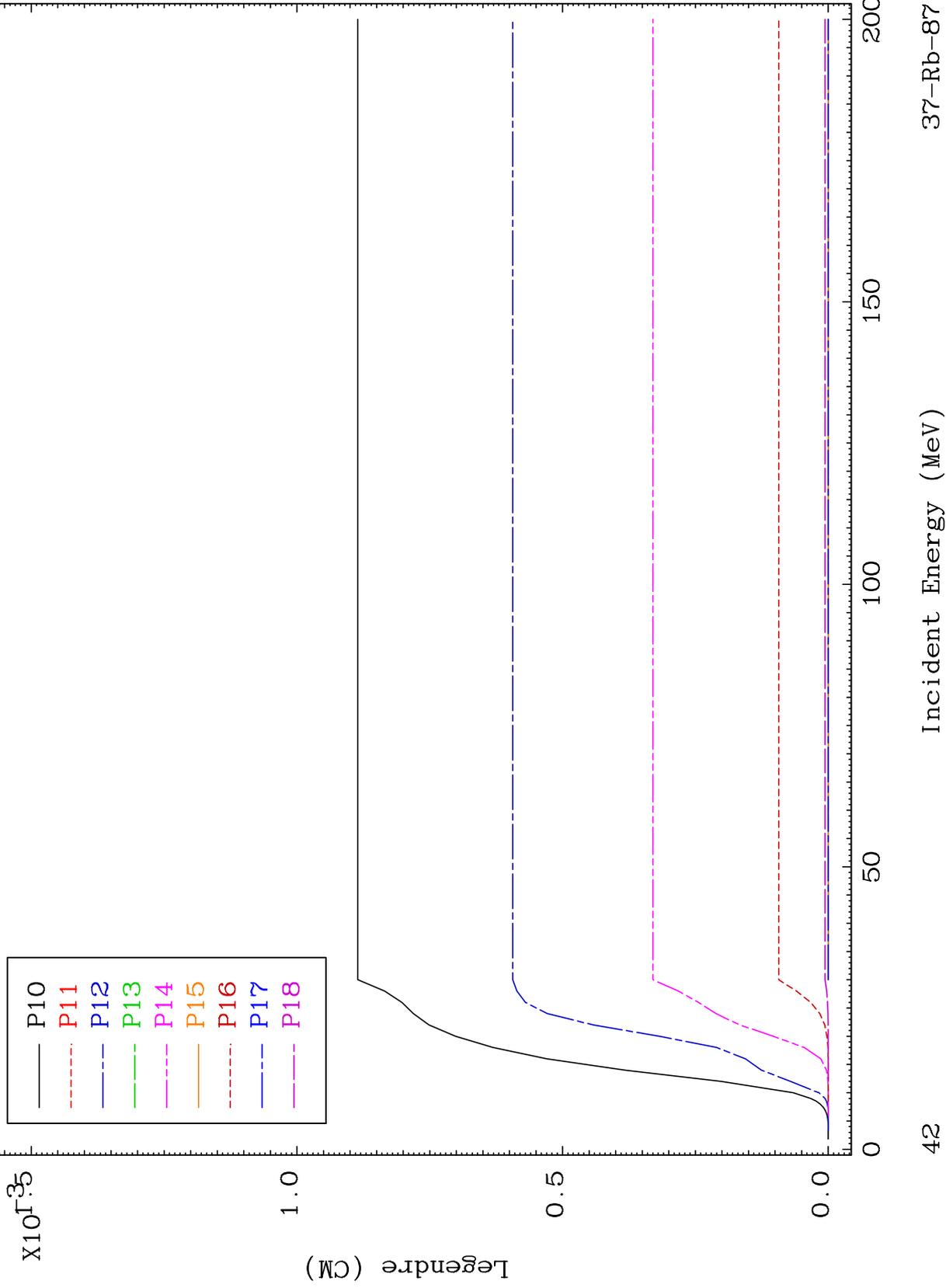
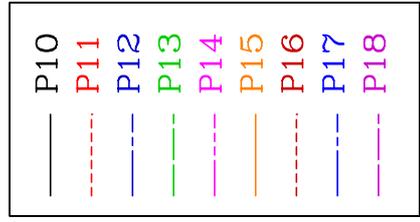
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

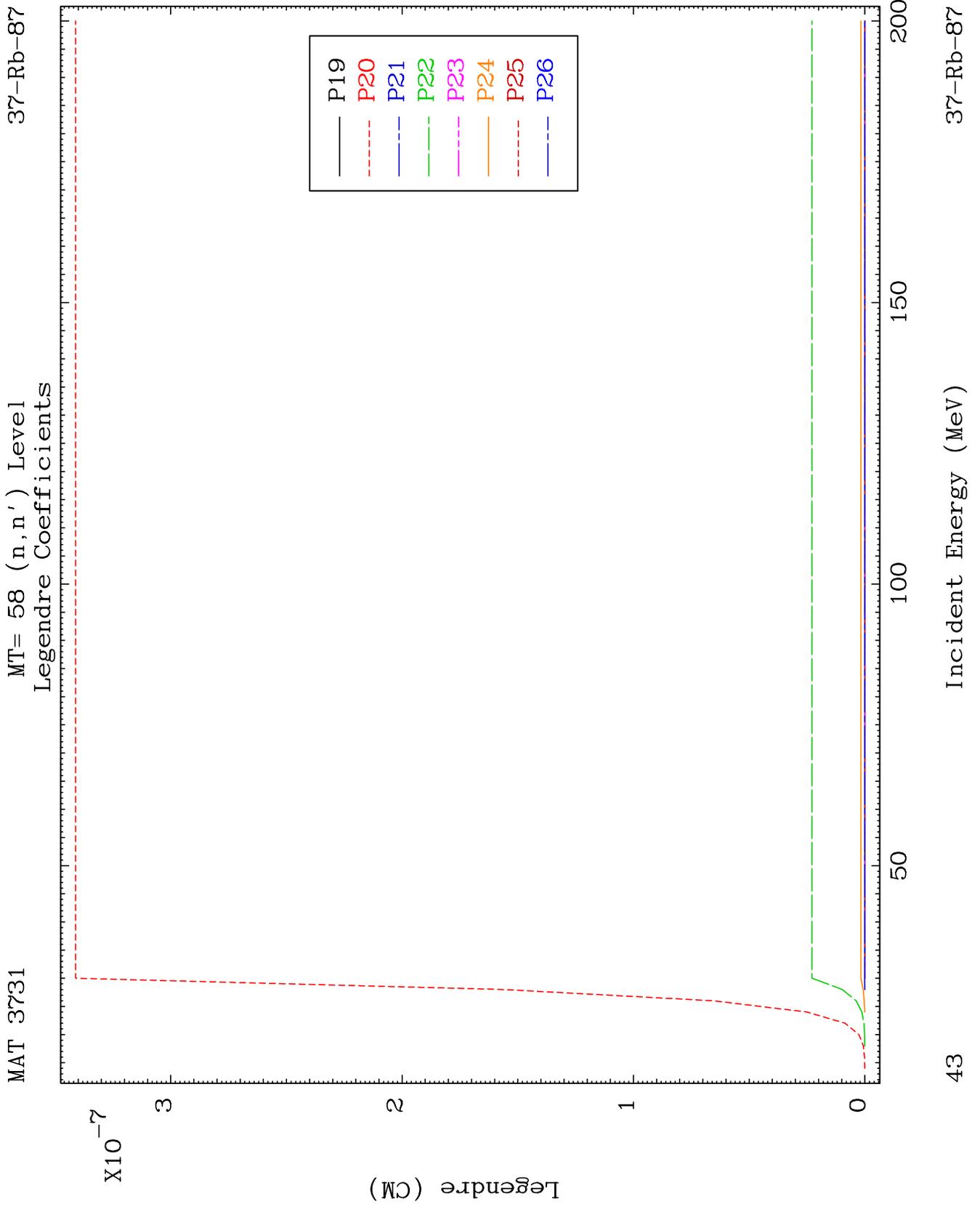
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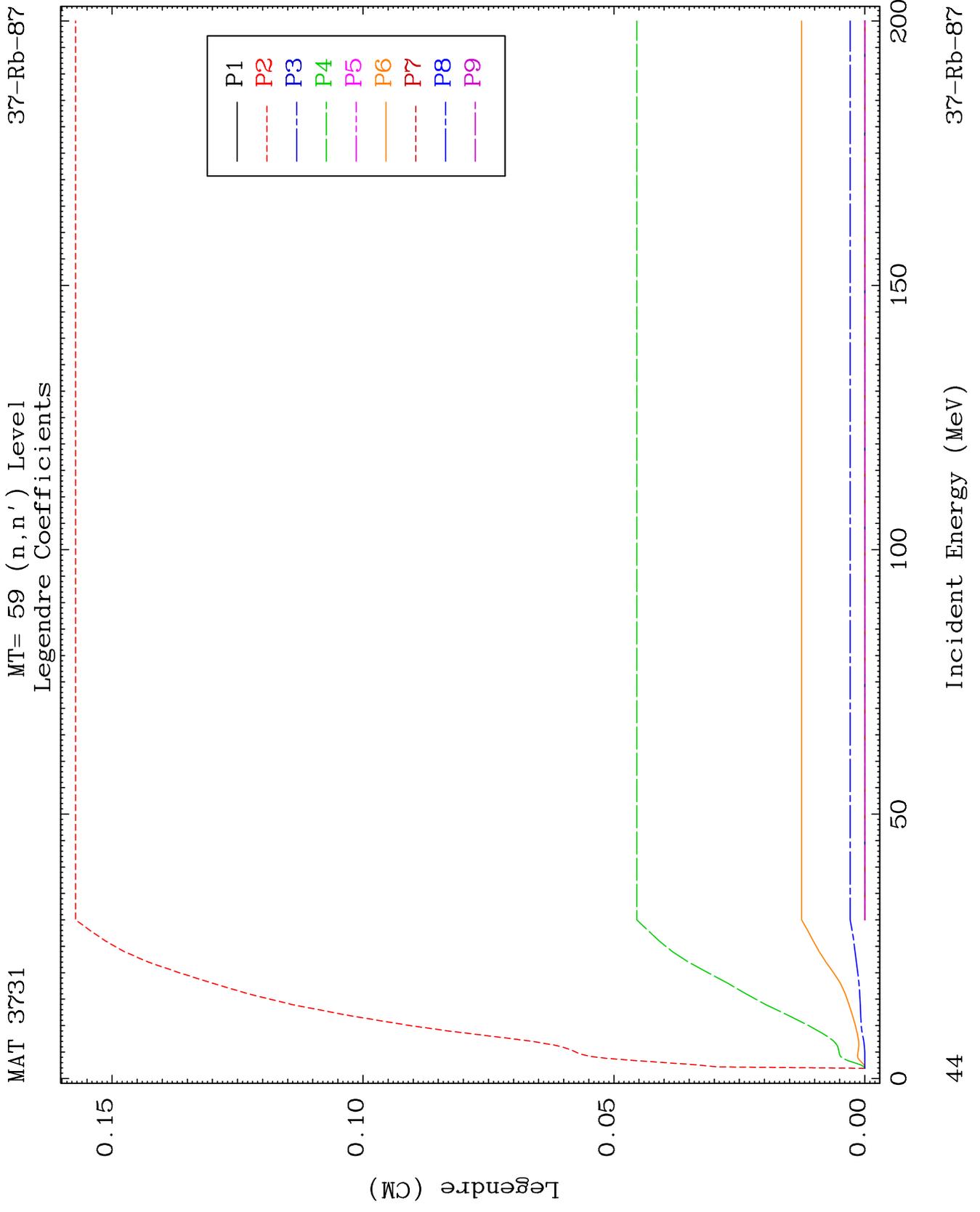


42

Incident Energy (MeV)

37-Rb-87

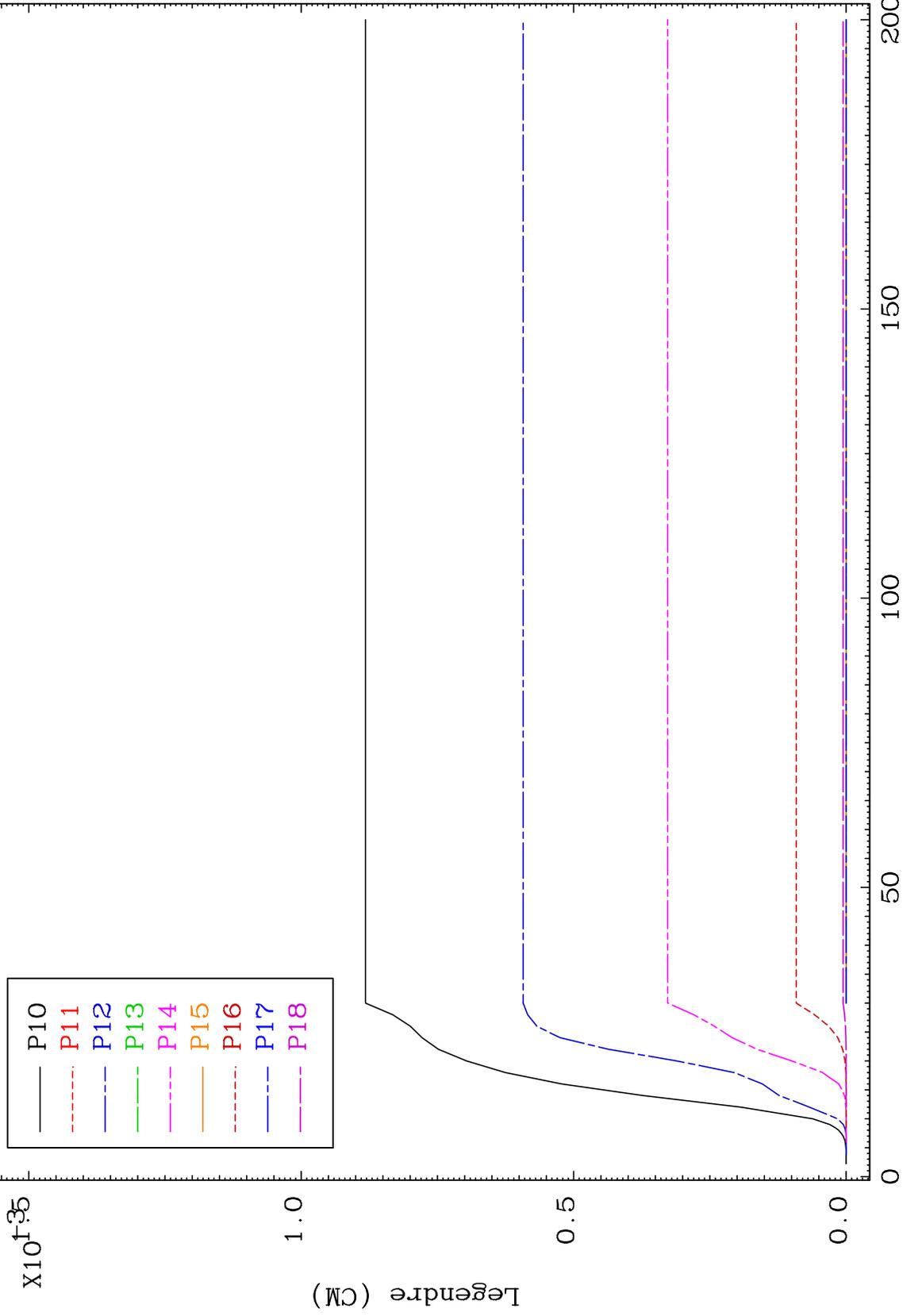
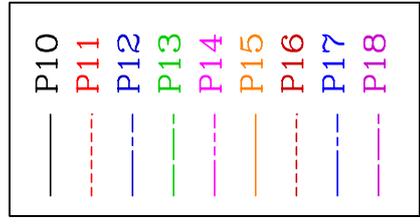




MAT 3731

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

37-Rb-87



45

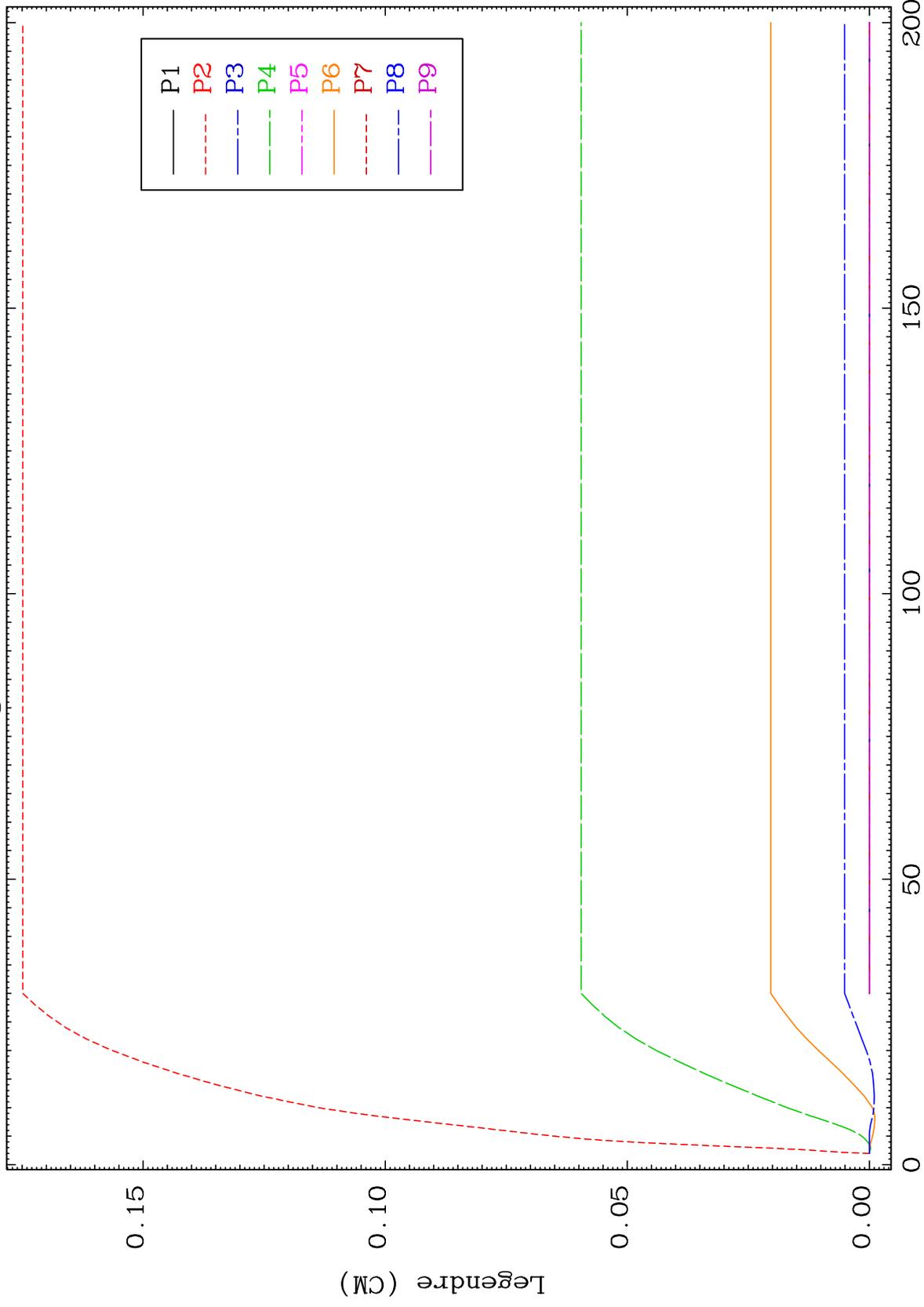
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



47

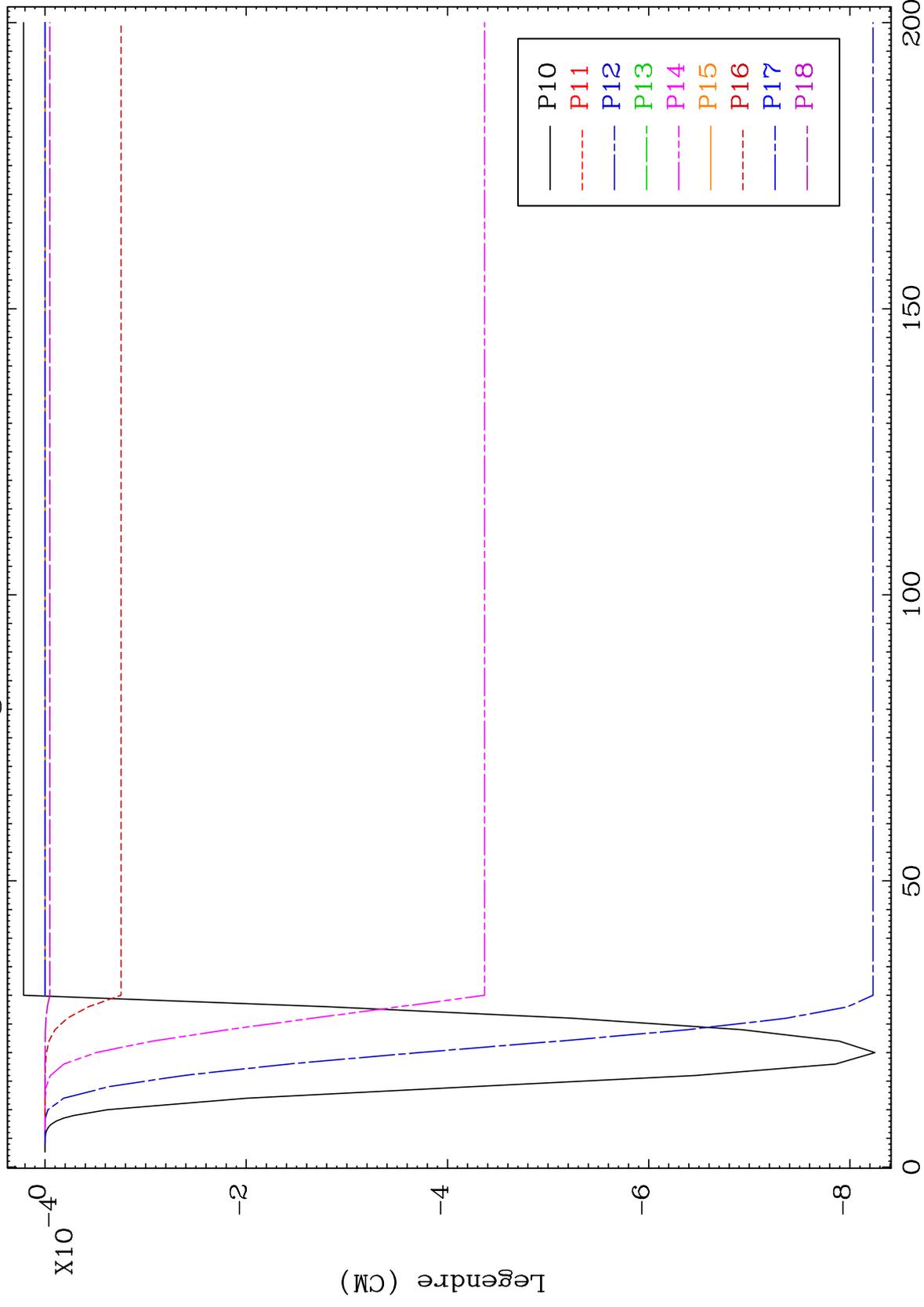
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

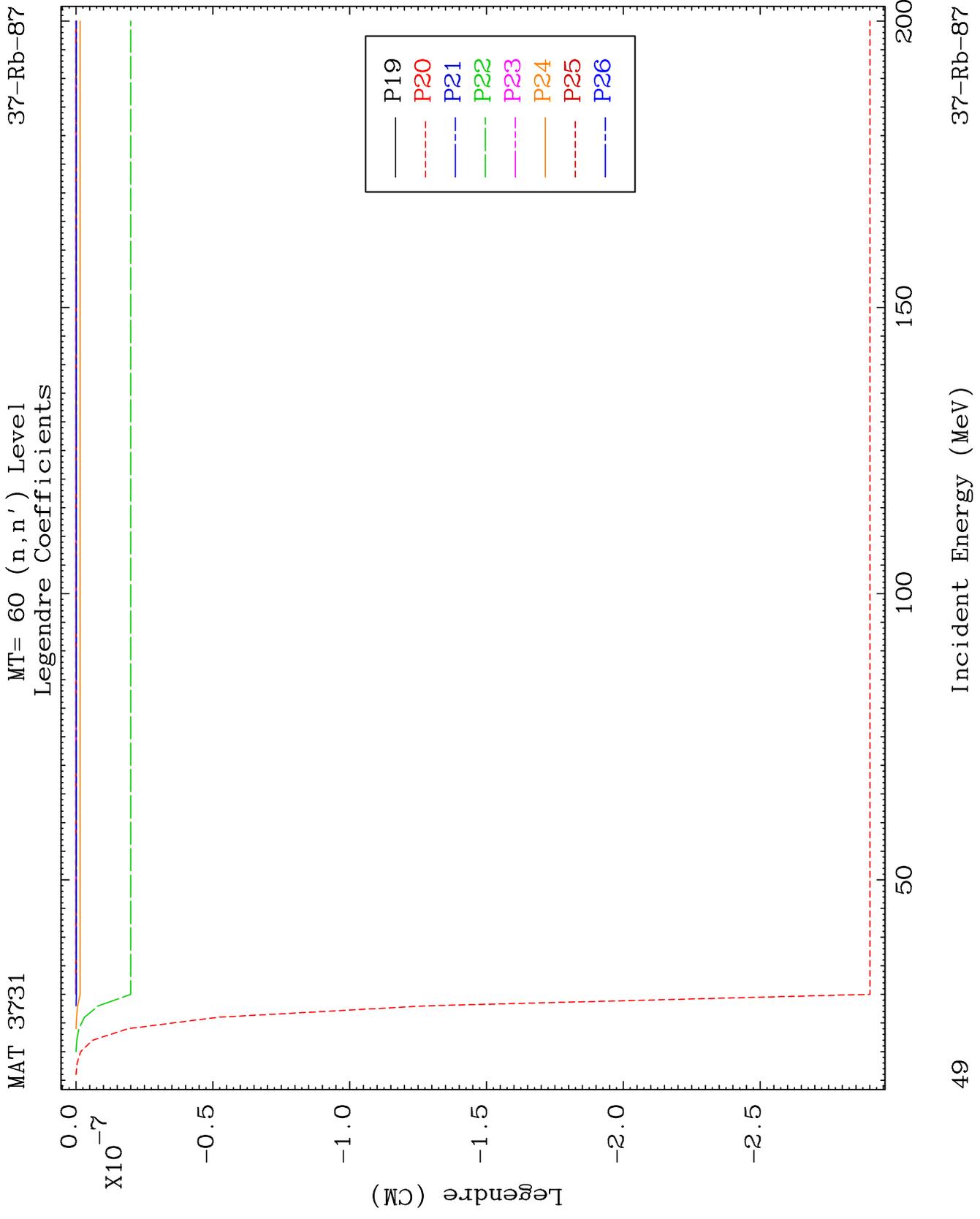
37-Rb-87



48

Incident Energy (MeV)

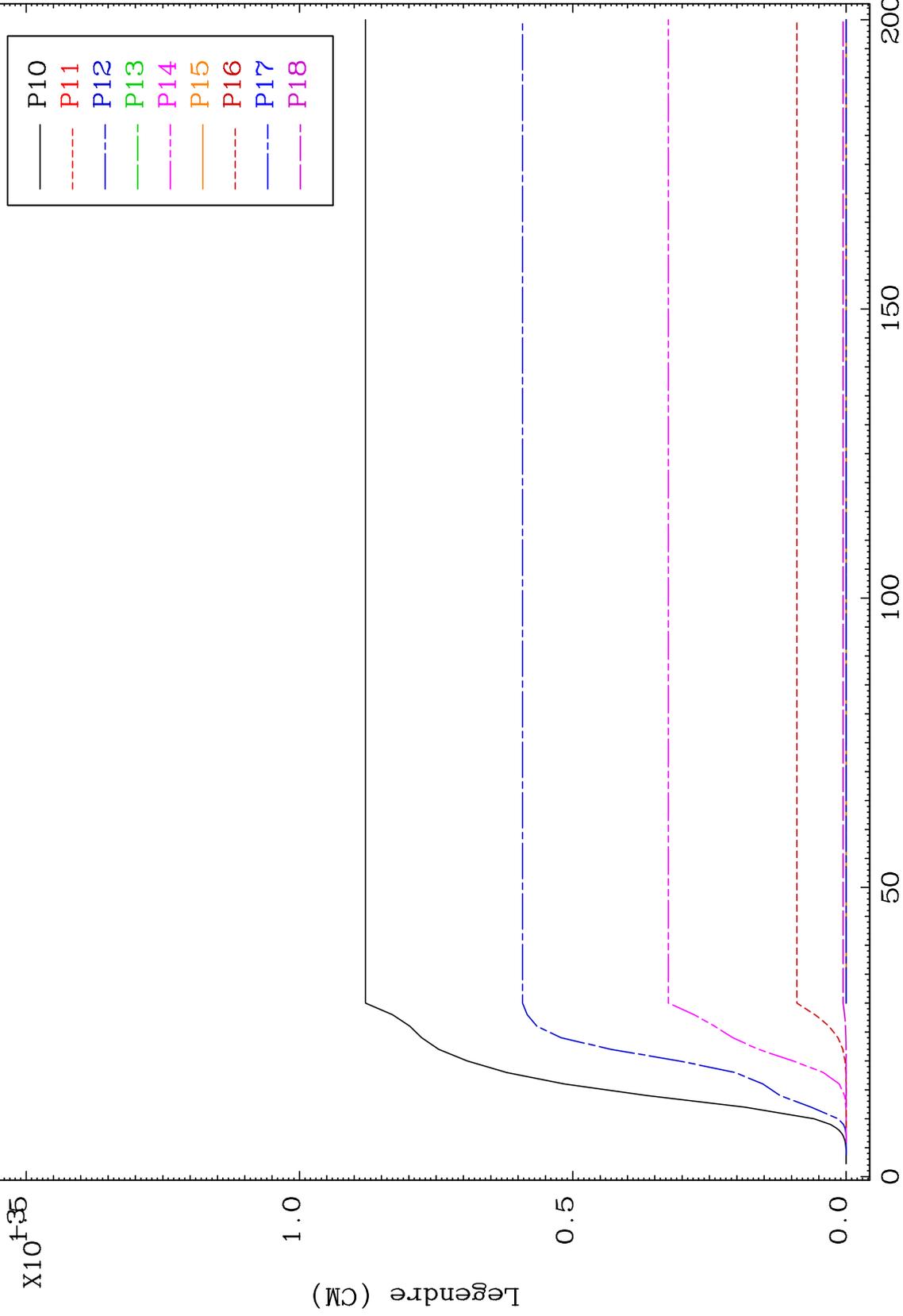
37-Rb-87



MAT 3731

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

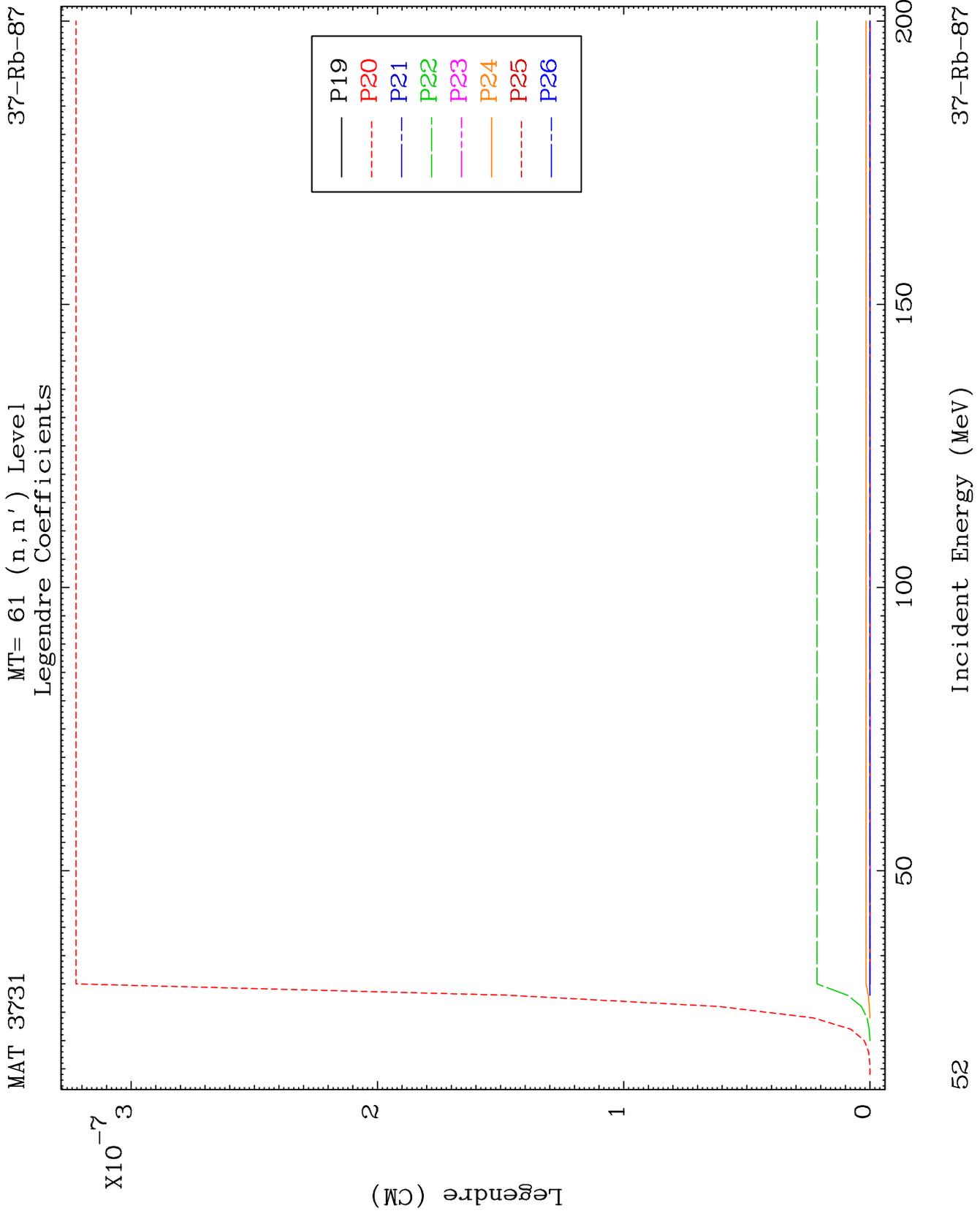
37-Rb-87



51

Incident Energy (MeV)

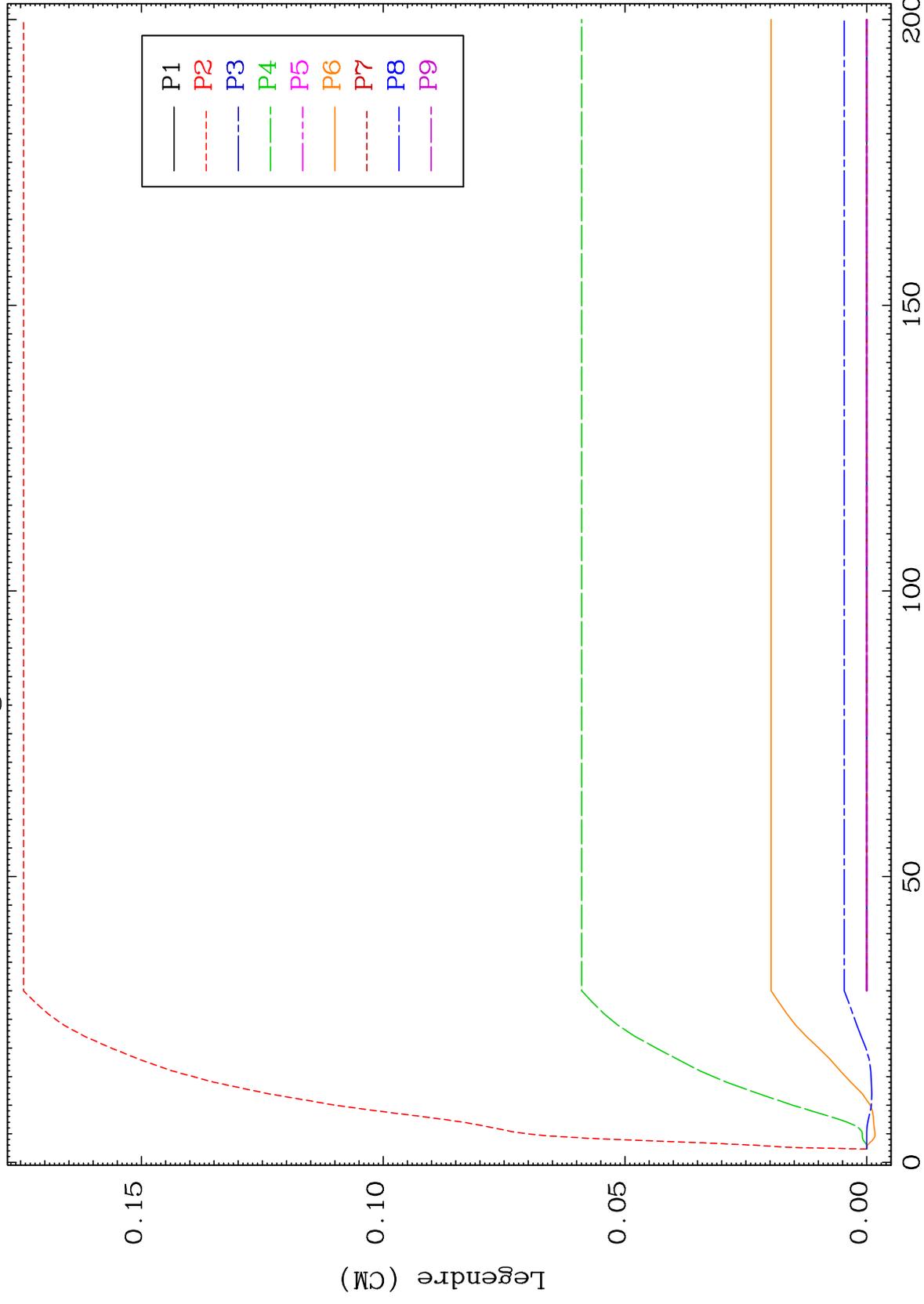
37-Rb-87



MAT 3731

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

37-Rb-87



53

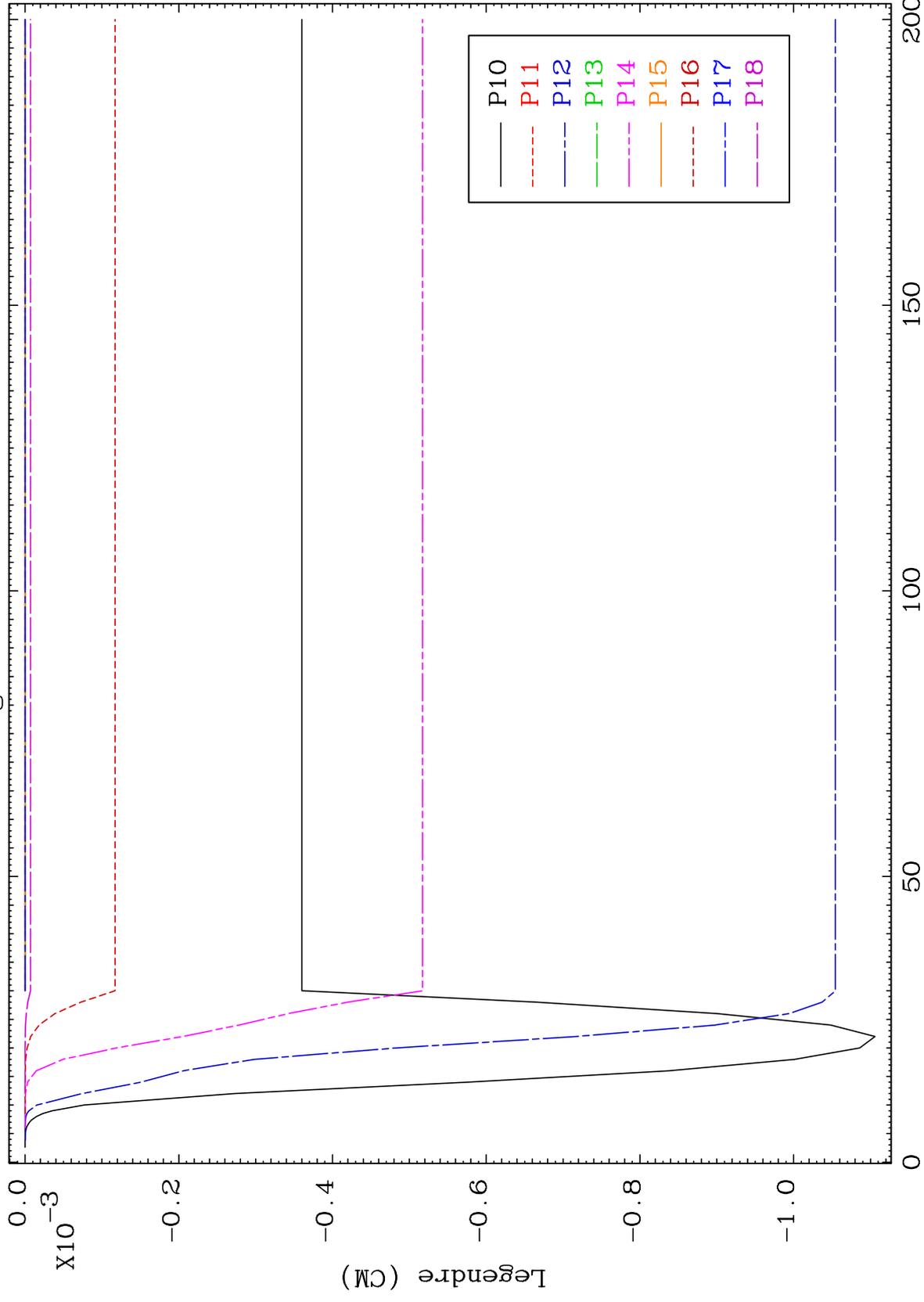
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

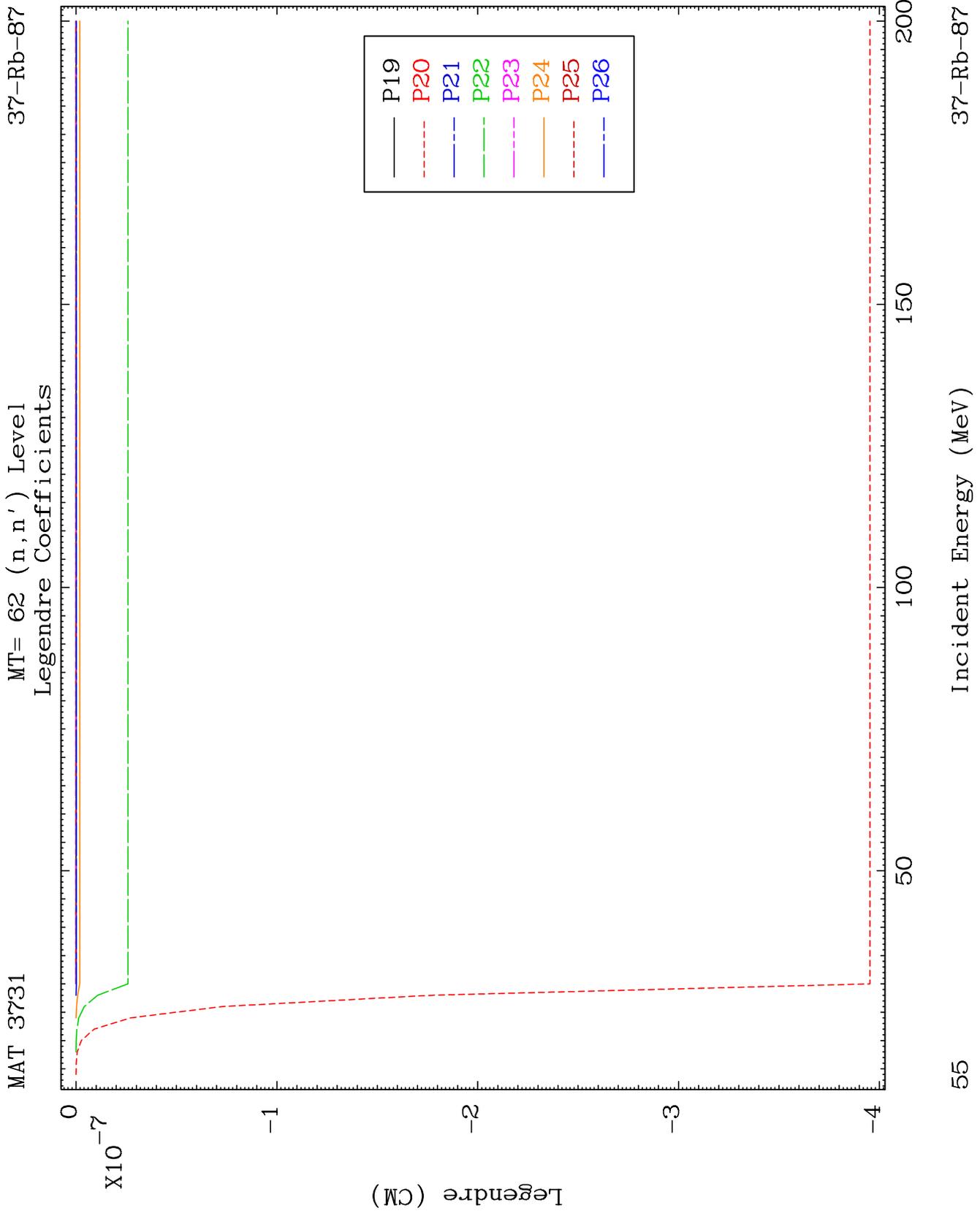
37-Rb-87



54

Incident Energy (MeV)

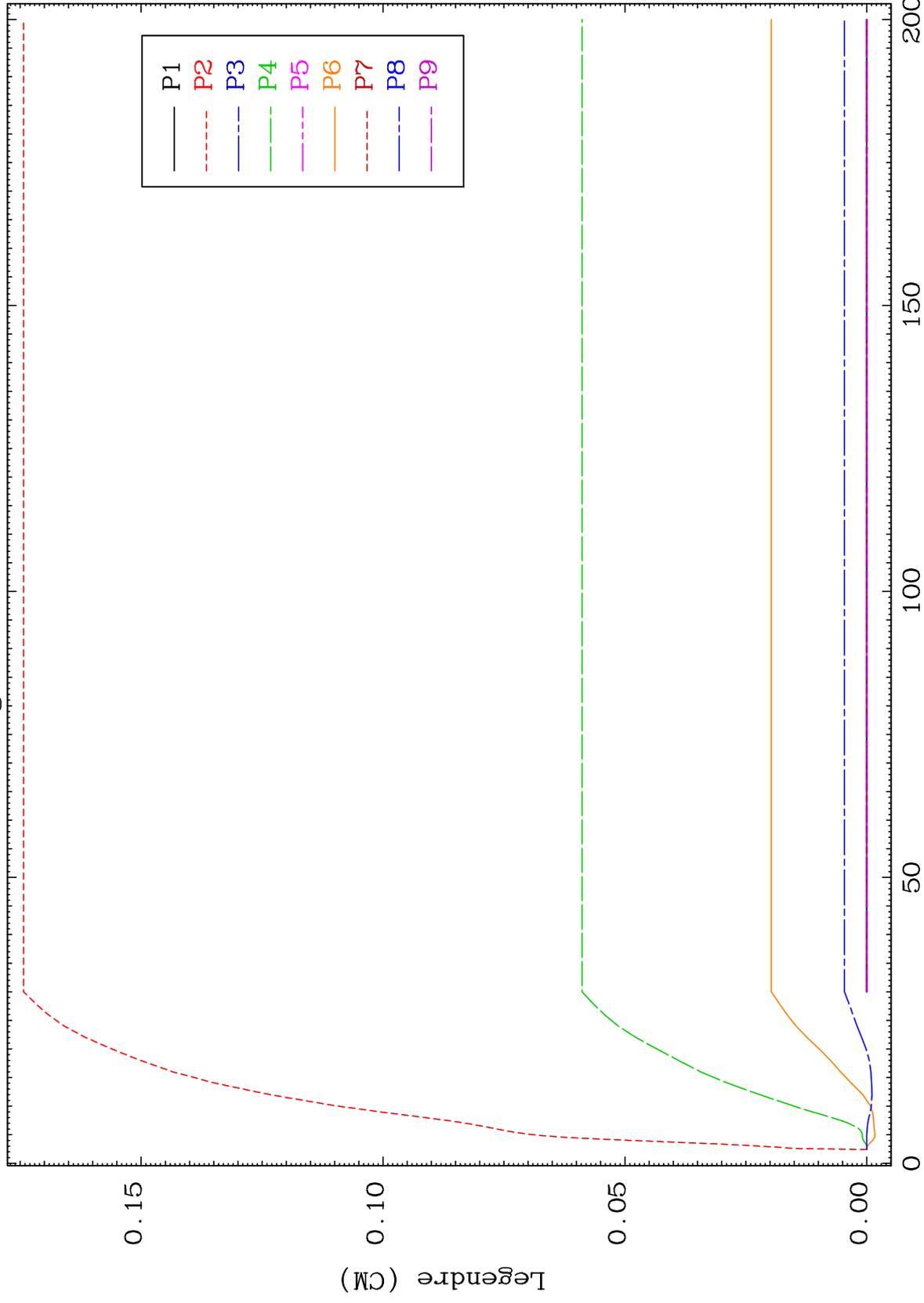
37-Rb-87



MAT 3731

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

37-Rb-87



56

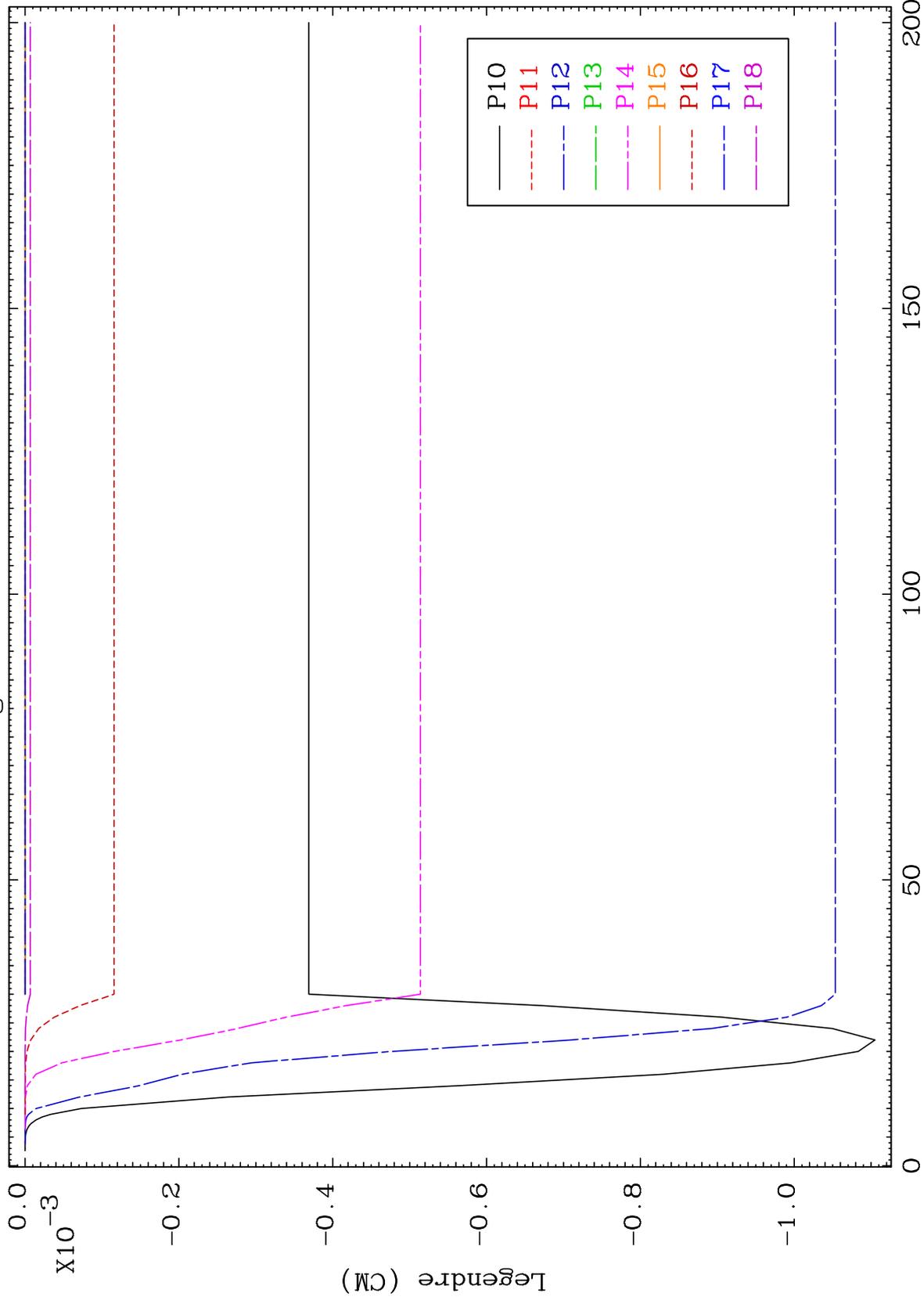
Incident Energy (MeV)

37-Rb-87

MAT 3731

37-Rb-87

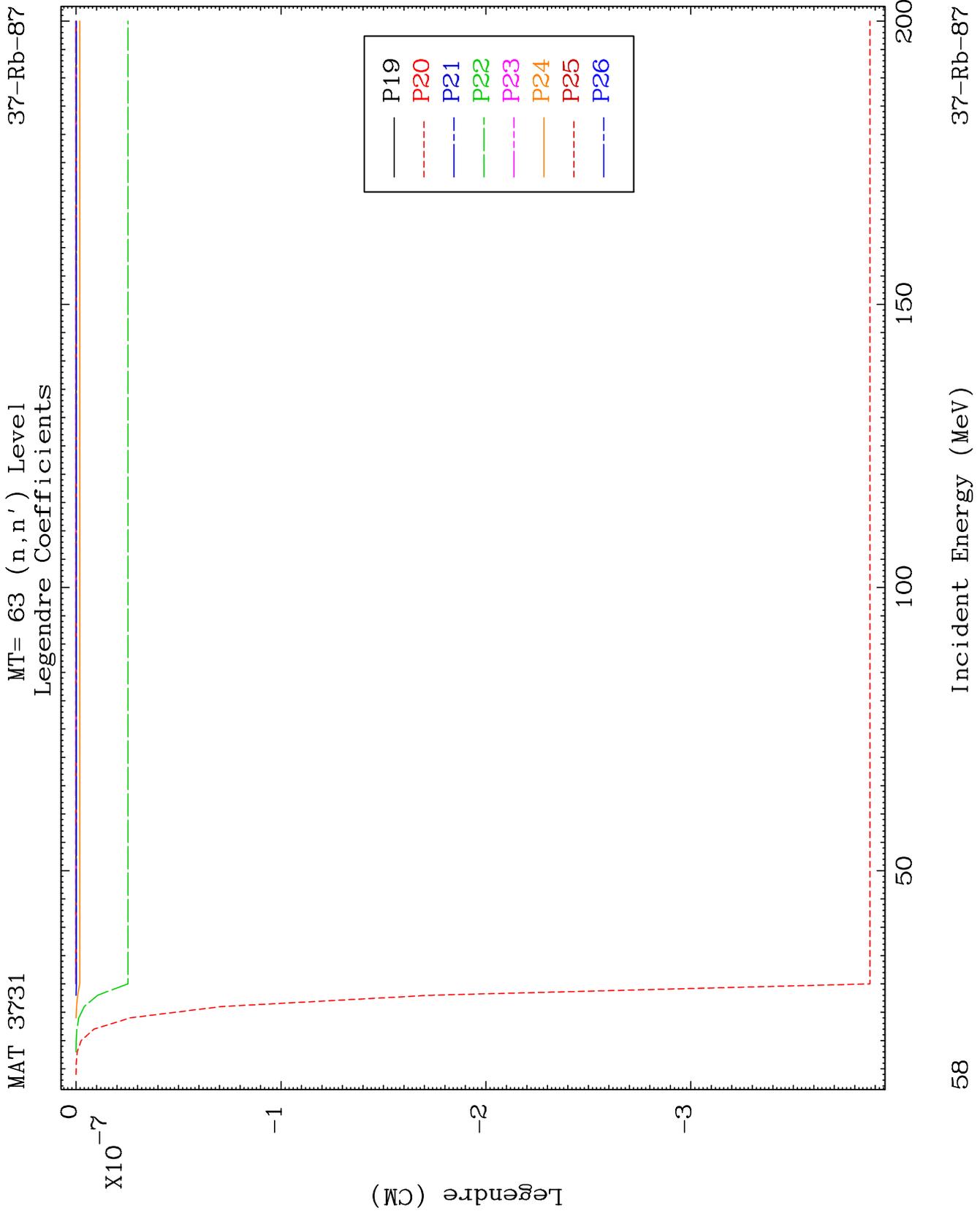
MT= 63 (n,n') Level
Legendre Coefficients



57

Incident Energy (MeV)

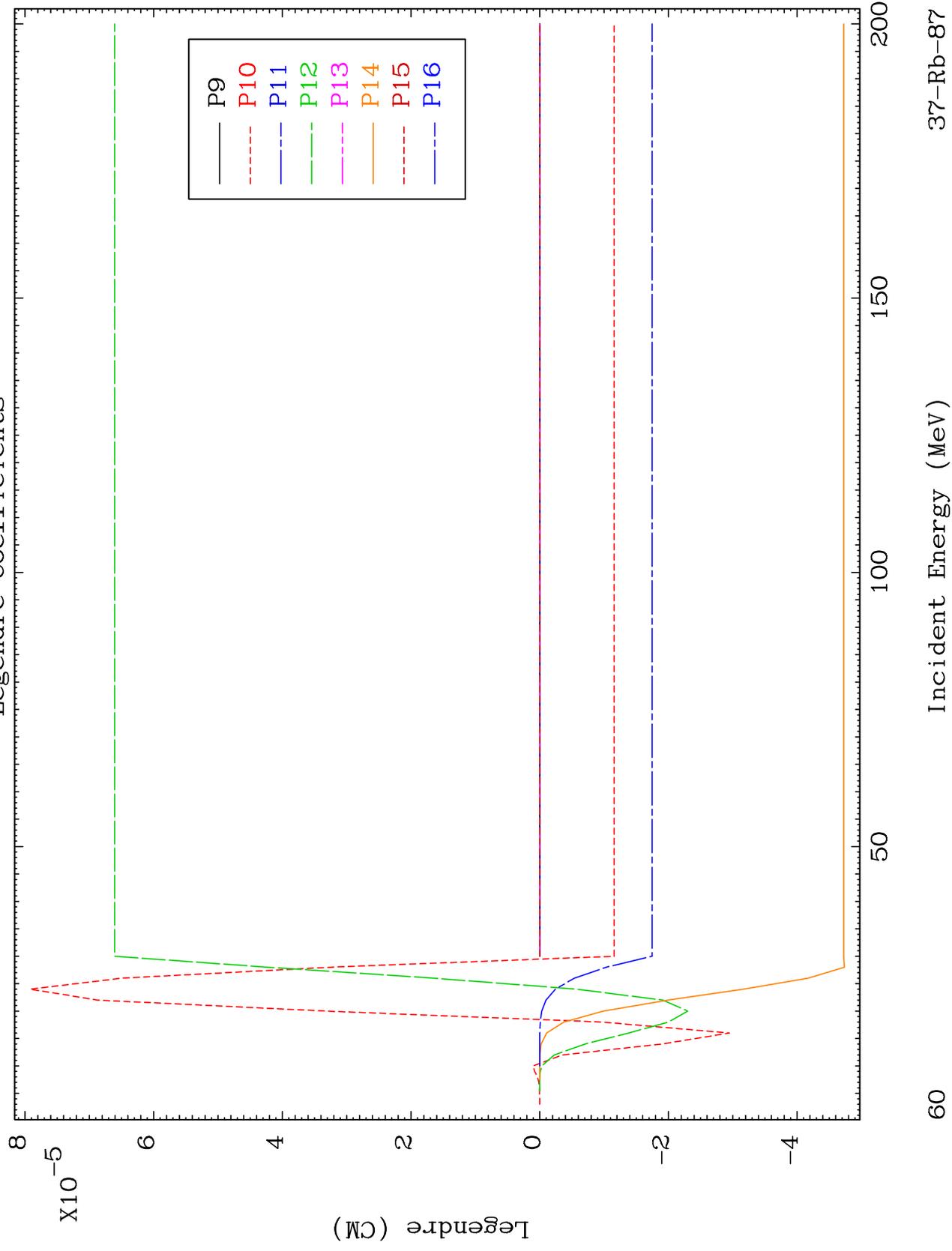
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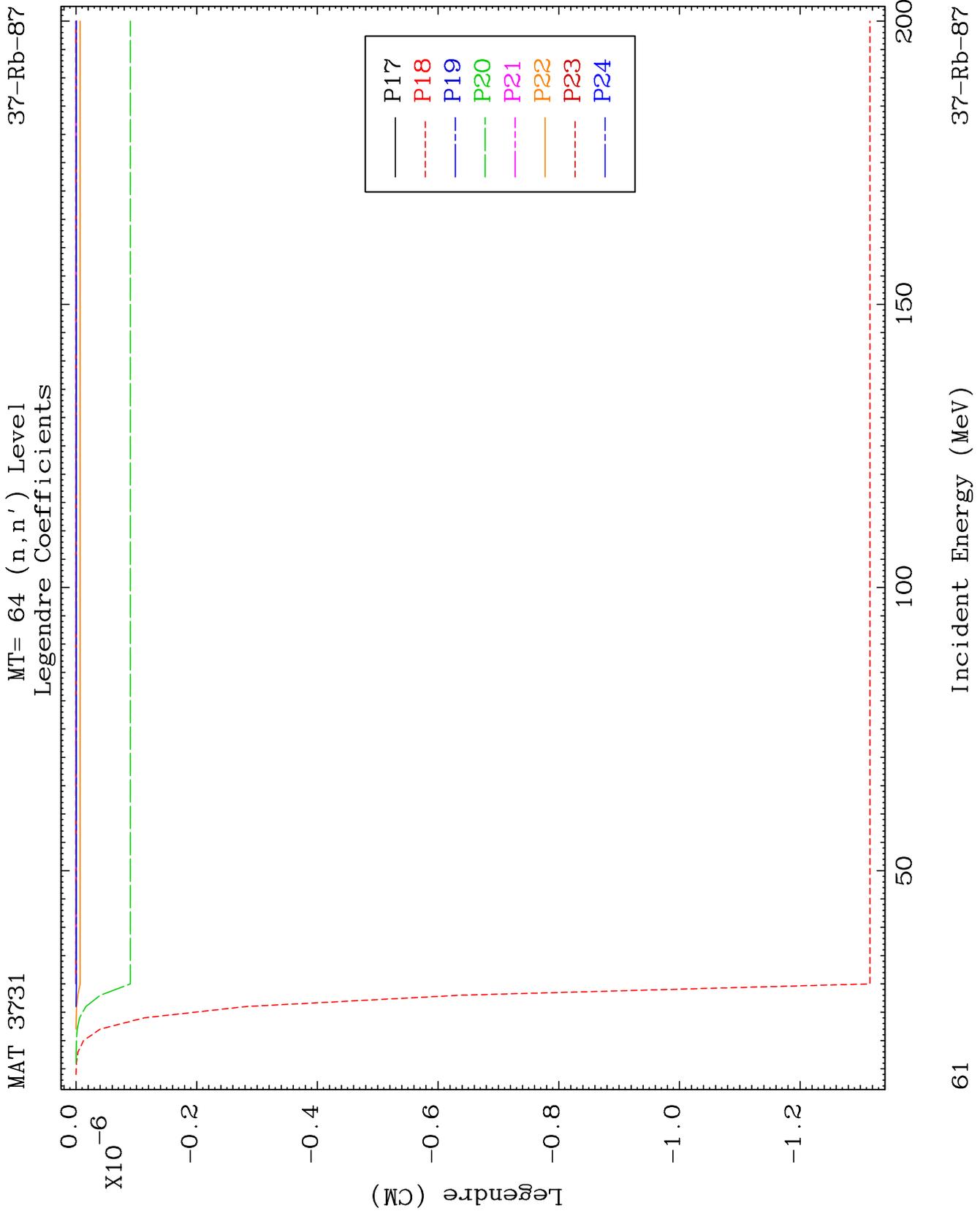


MAT 3731

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

37-Rb-87

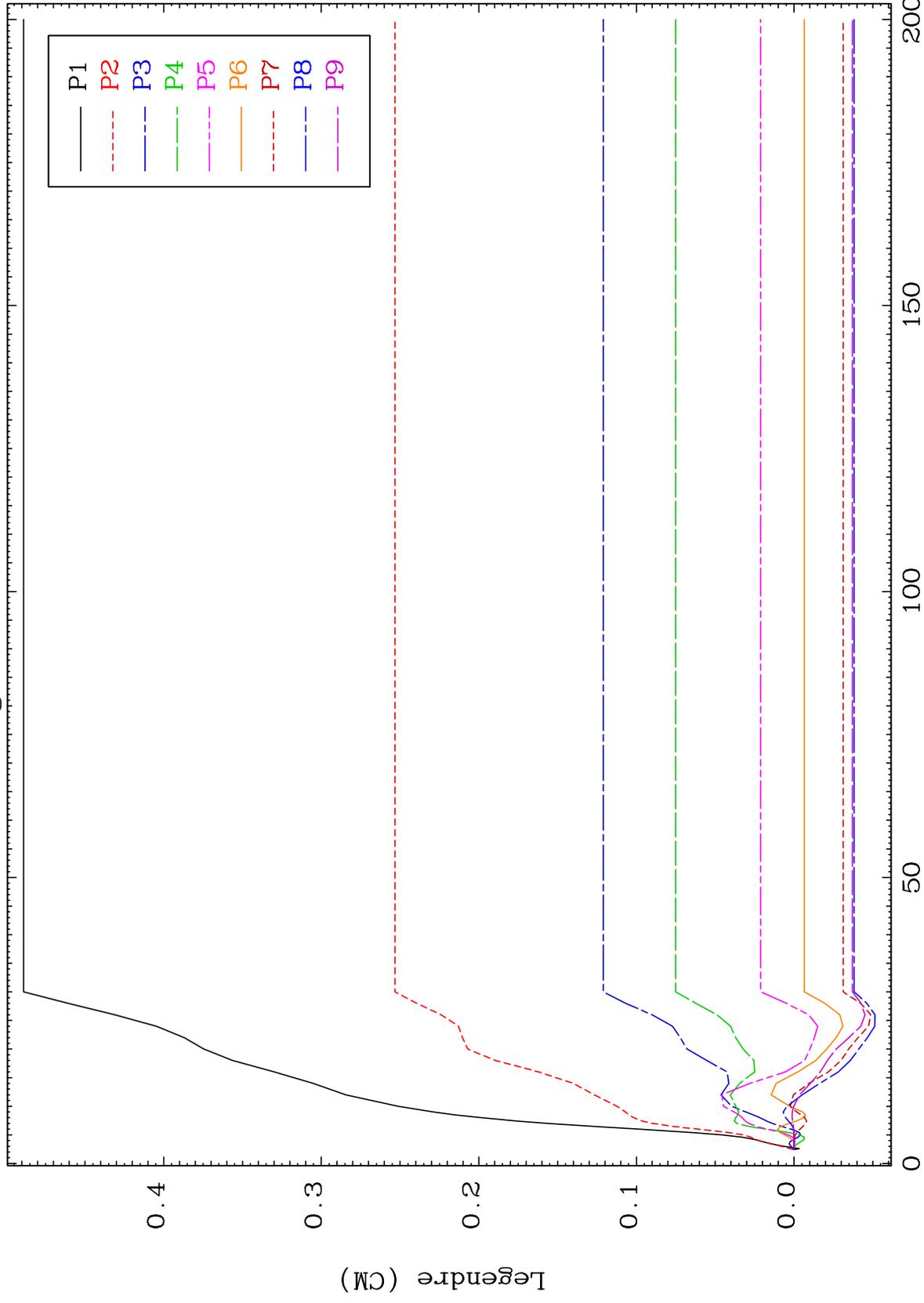




MAT 3731

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

37-Rb-87



62

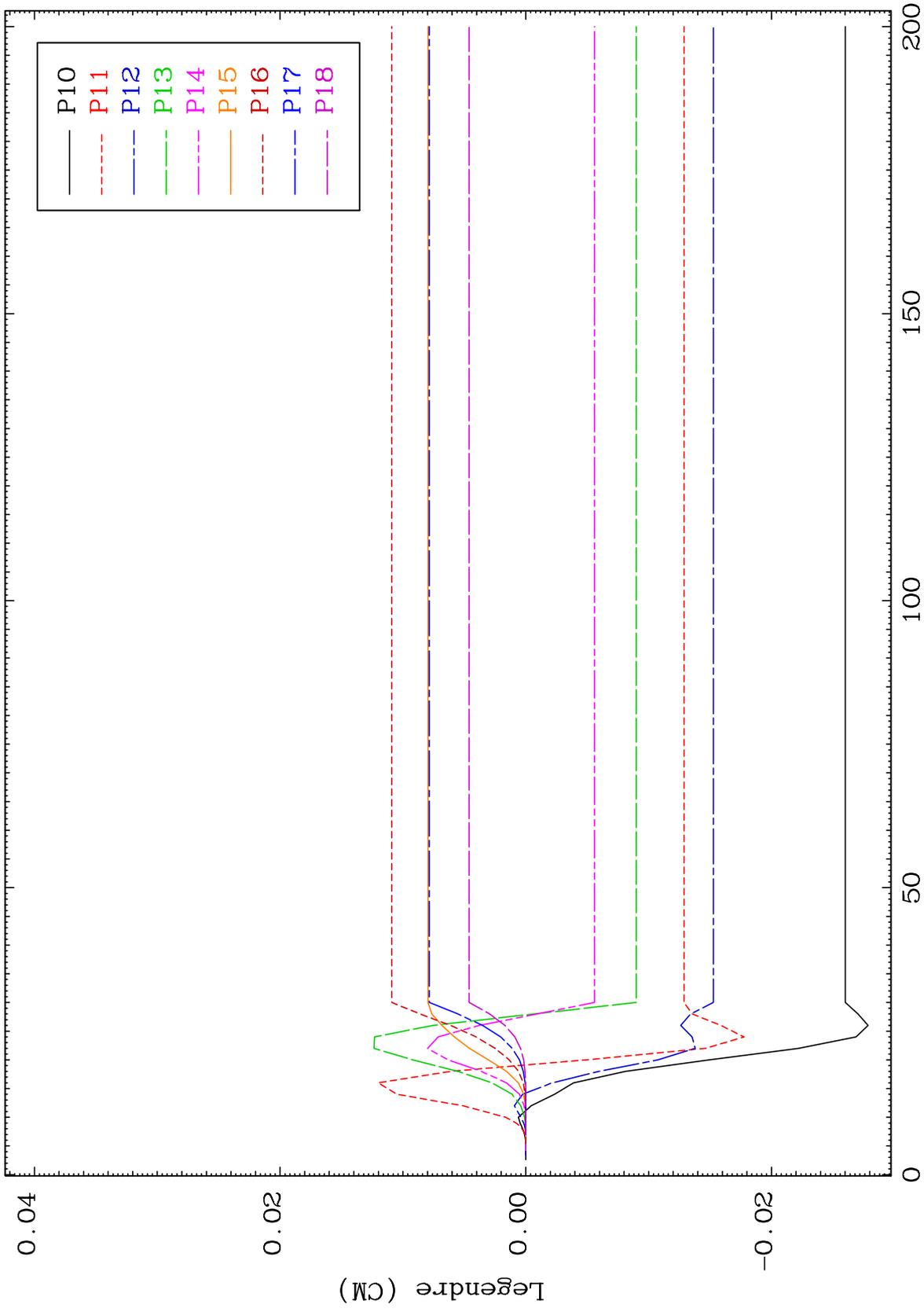
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



63

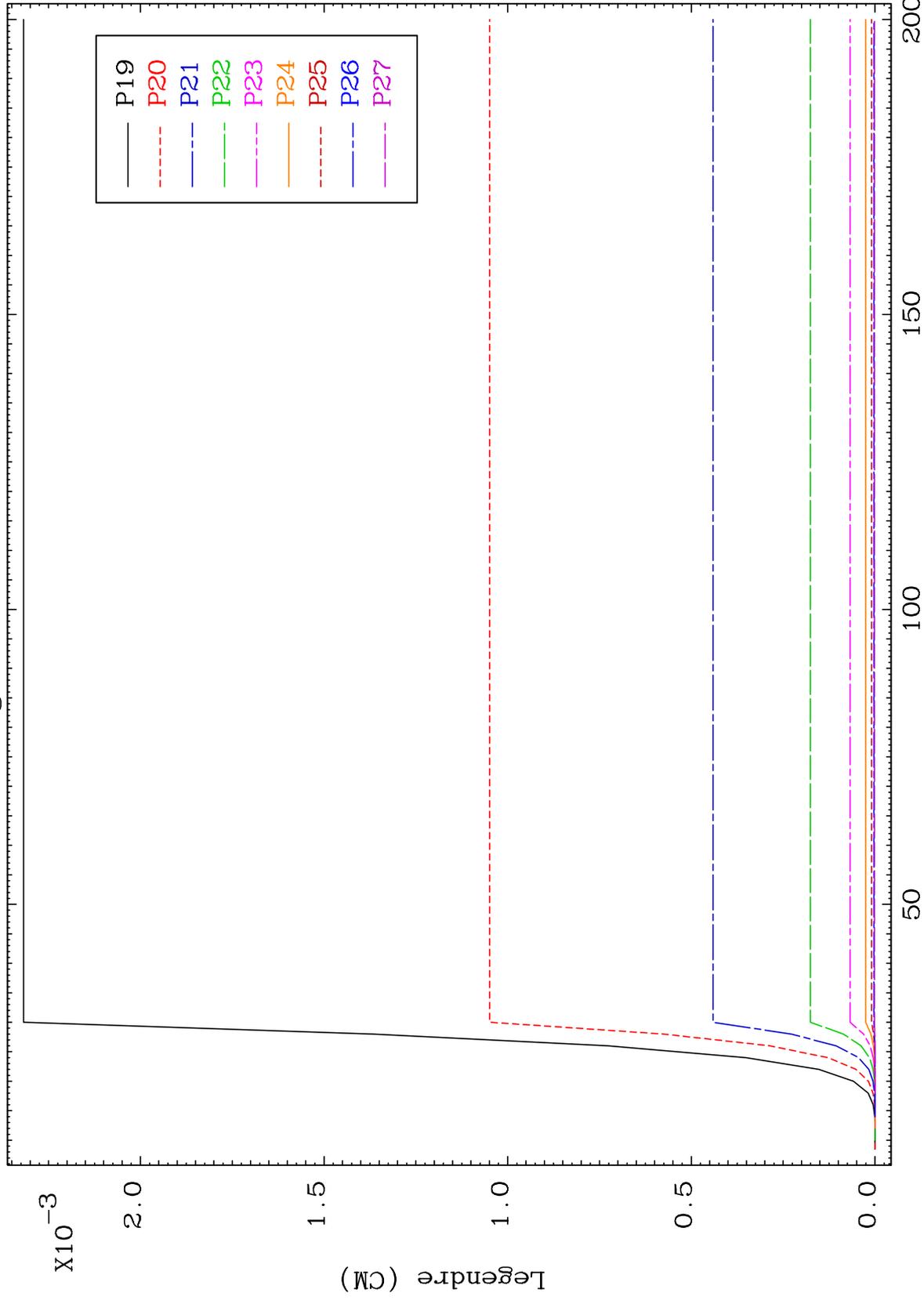
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87



64

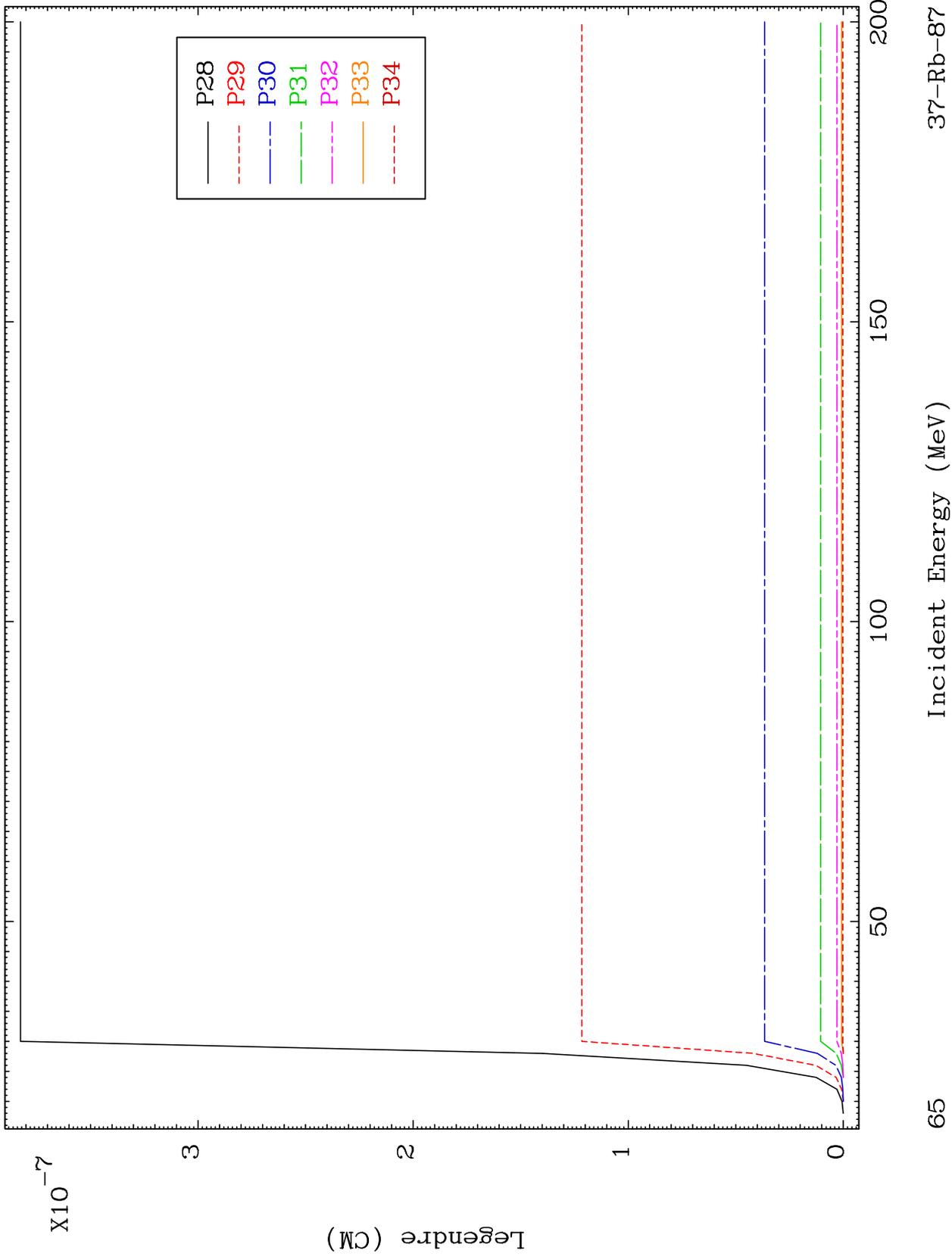
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

37-Rb-87

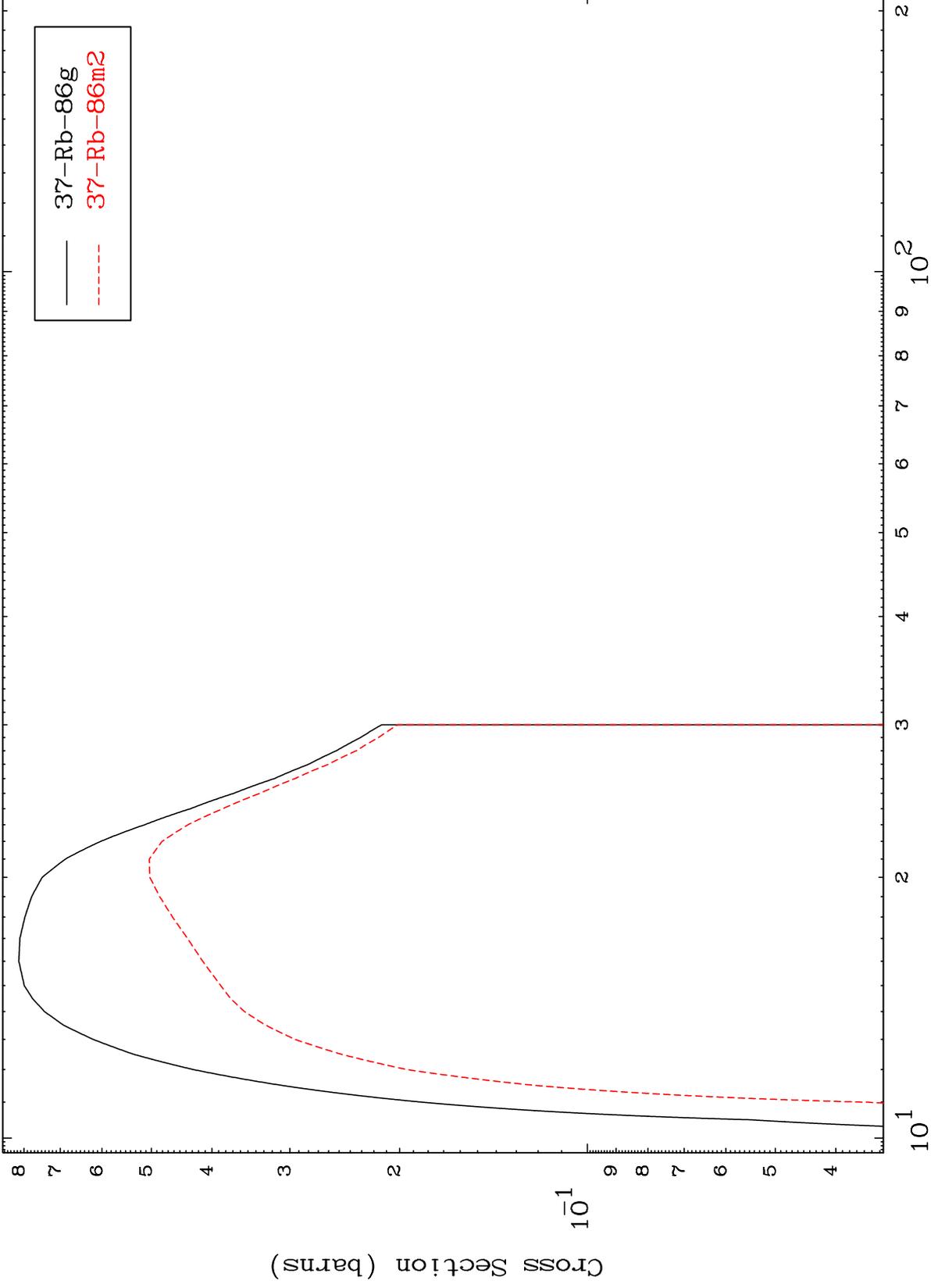


MAT 3731

(n,2n)

³⁷Rb-87

Radionuclide Production Cross Section



37-Rb-86g
37-Rb-86m2

Incident Energy (MeV)

³⁷Rb-87

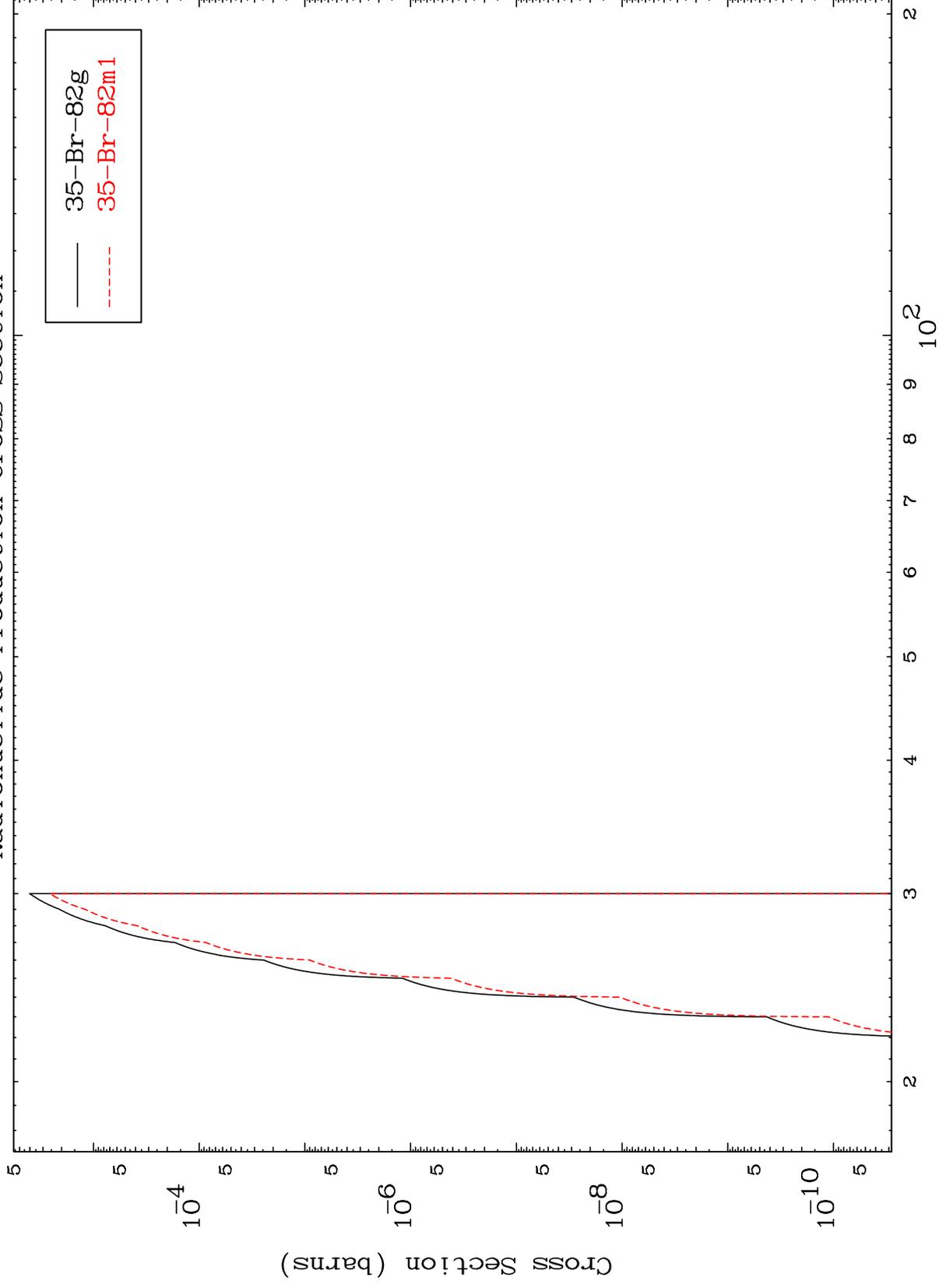
66

MAT 3731

37-Rb-87

(n,2n) α

Radionuclide Production Cross Section



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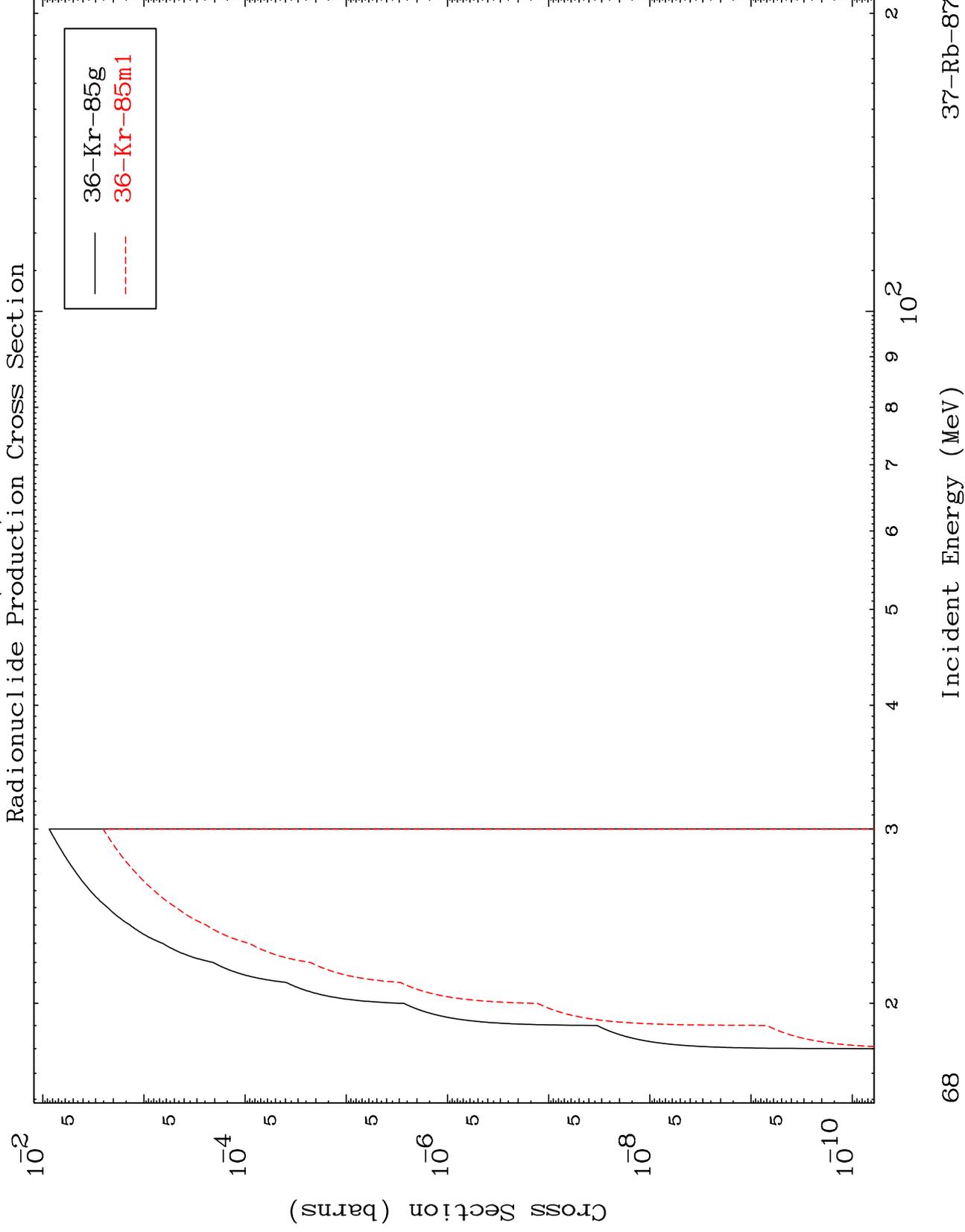
Incident Energy (MeV)

37-Rb-87

MAT 3731

(n,n') d

37-Rb-87

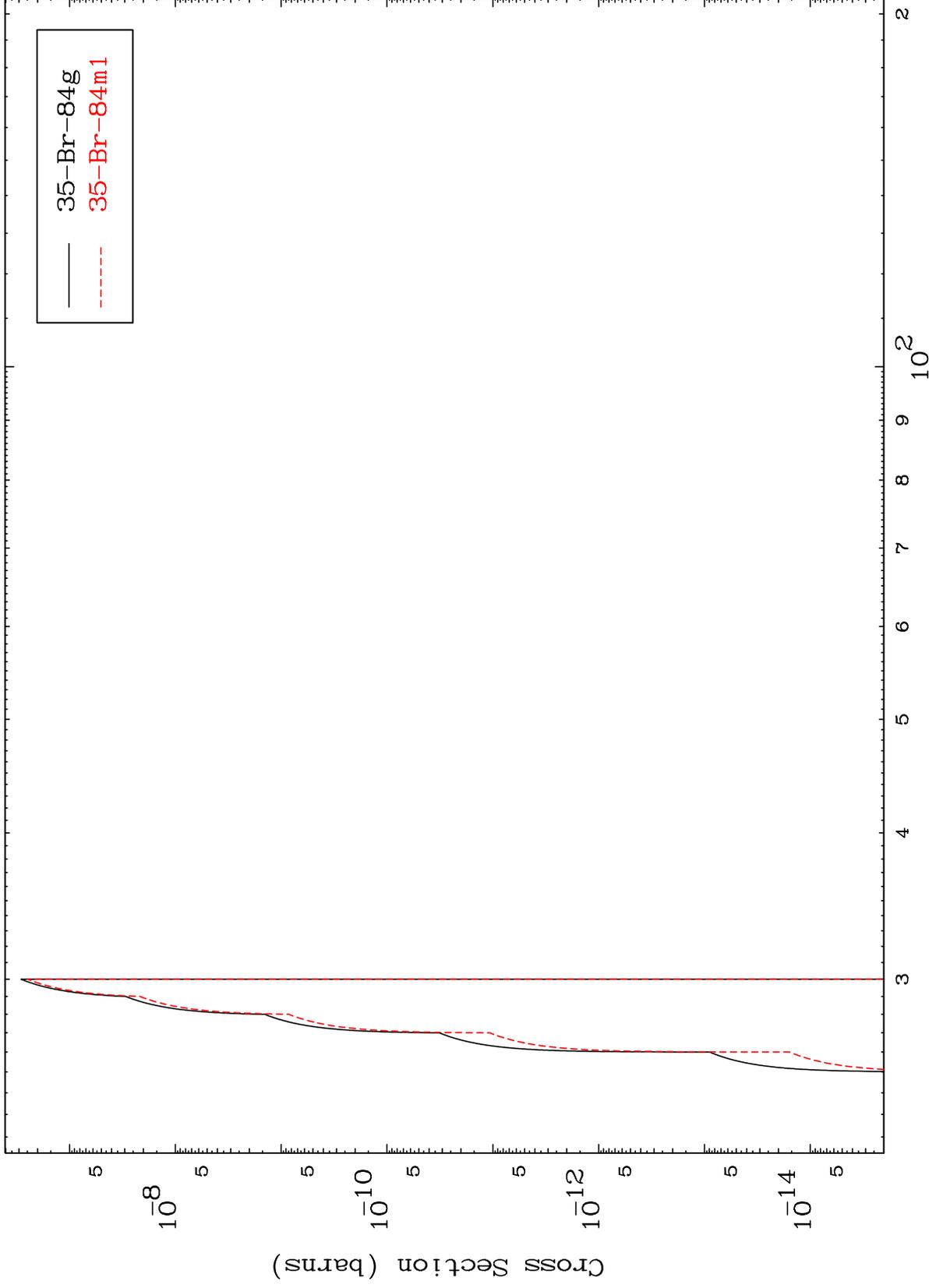


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Incident Energy (MeV)

37-Rb-87

Radionuclide Production Cross Section

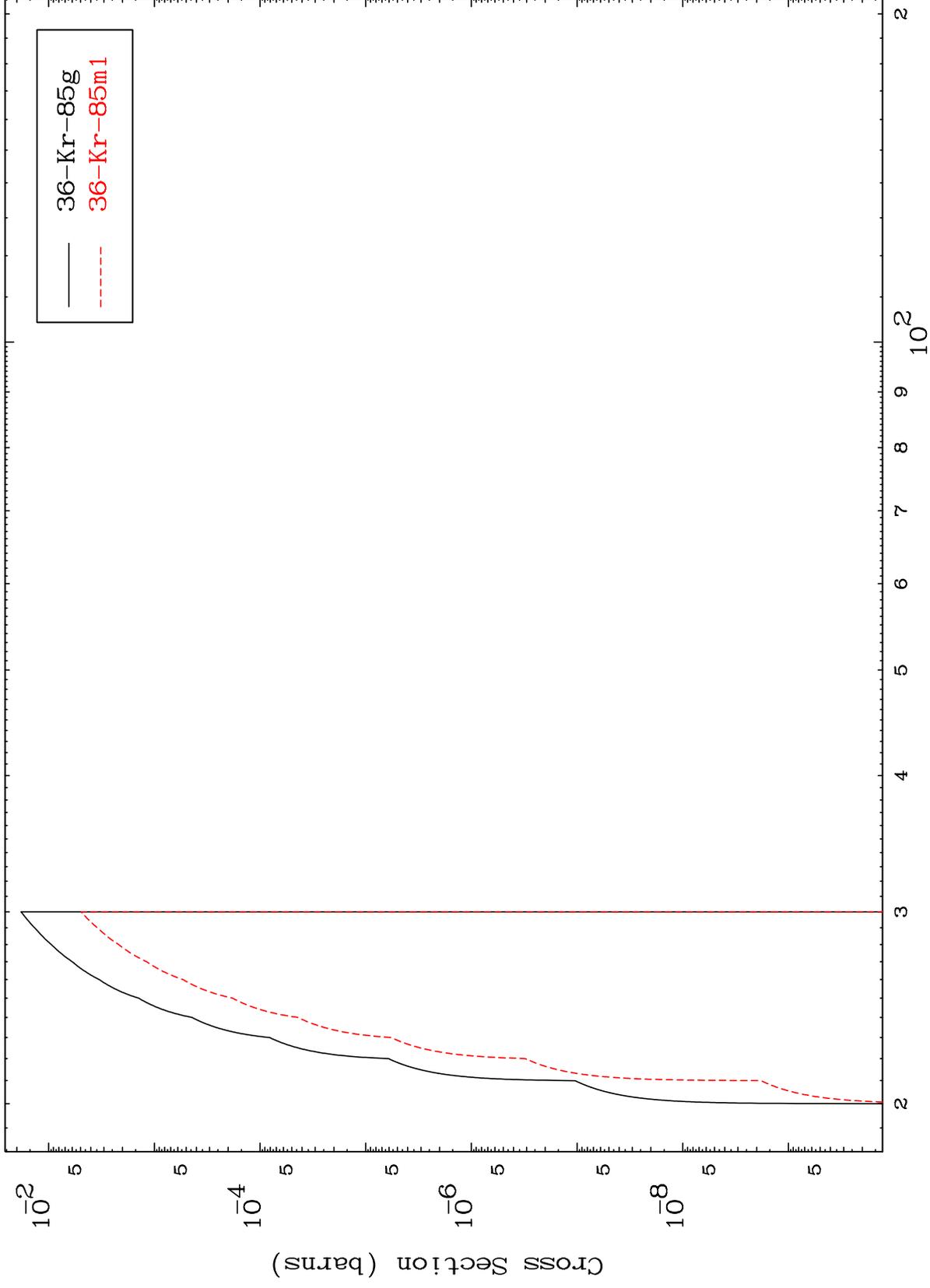


MAT 3731

(n,2n) p

37-Rb-87

Radionuclide Production Cross Section



70

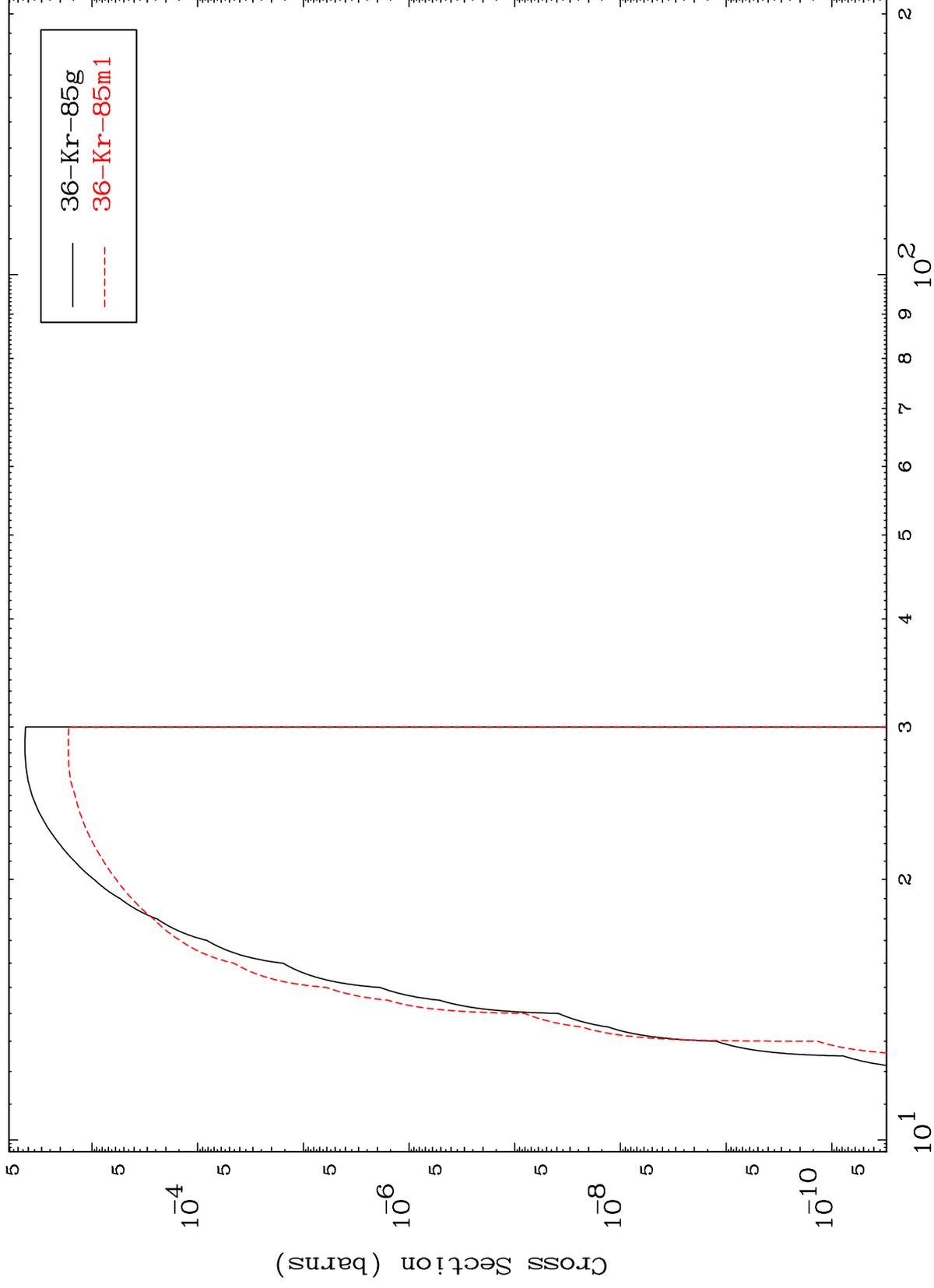
Incident Energy (MeV)

37-Rb-87

MAT 3731

37-Rb-87

(n, t)
Radionuclide Production Cross Section



37-Rb-87

Incident Energy (MeV)

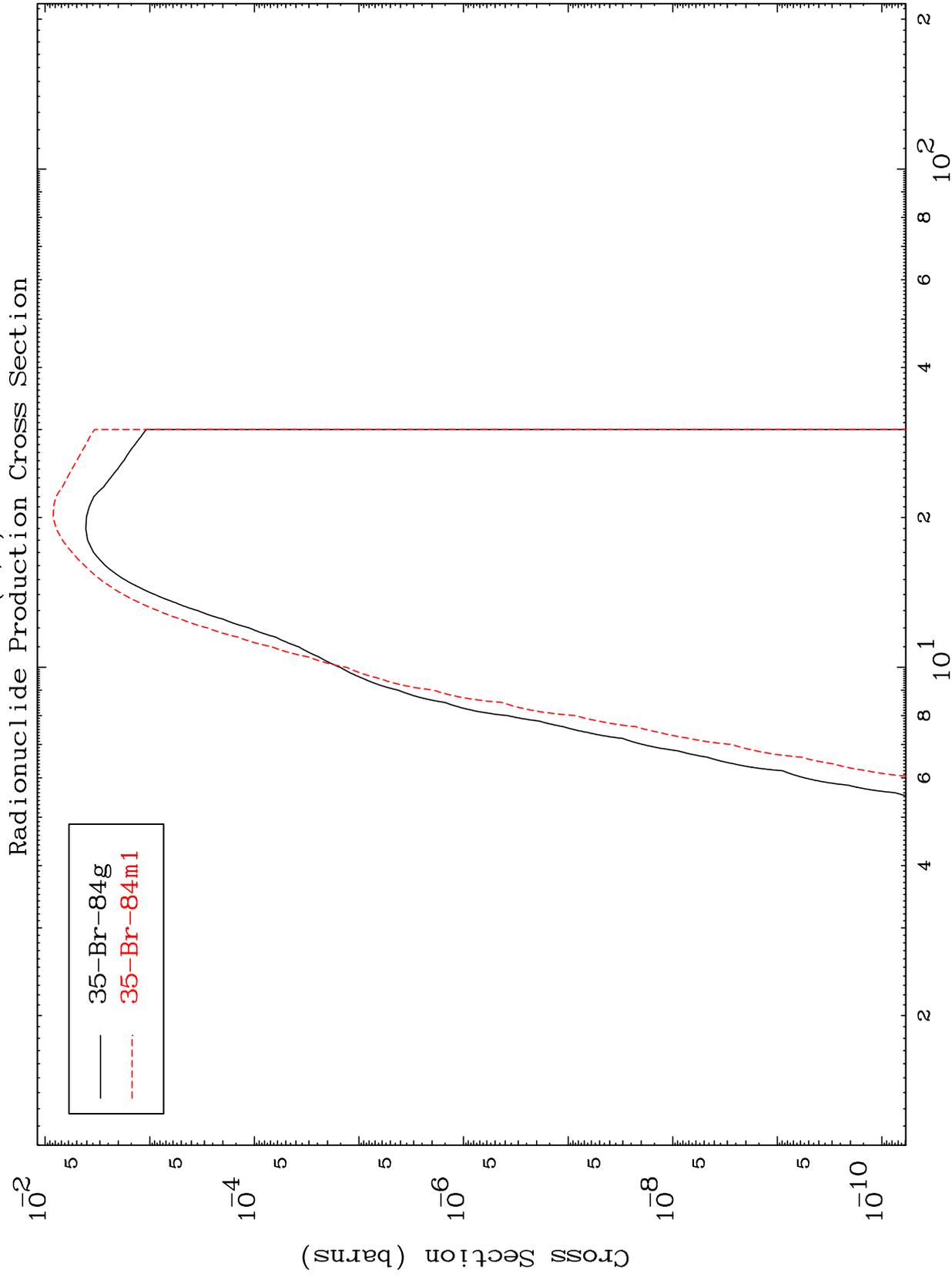
71

MAT 3731

37-Rb-87

Radionuclide Production Cross Section

(n, α)



72

Incident Energy (MeV)

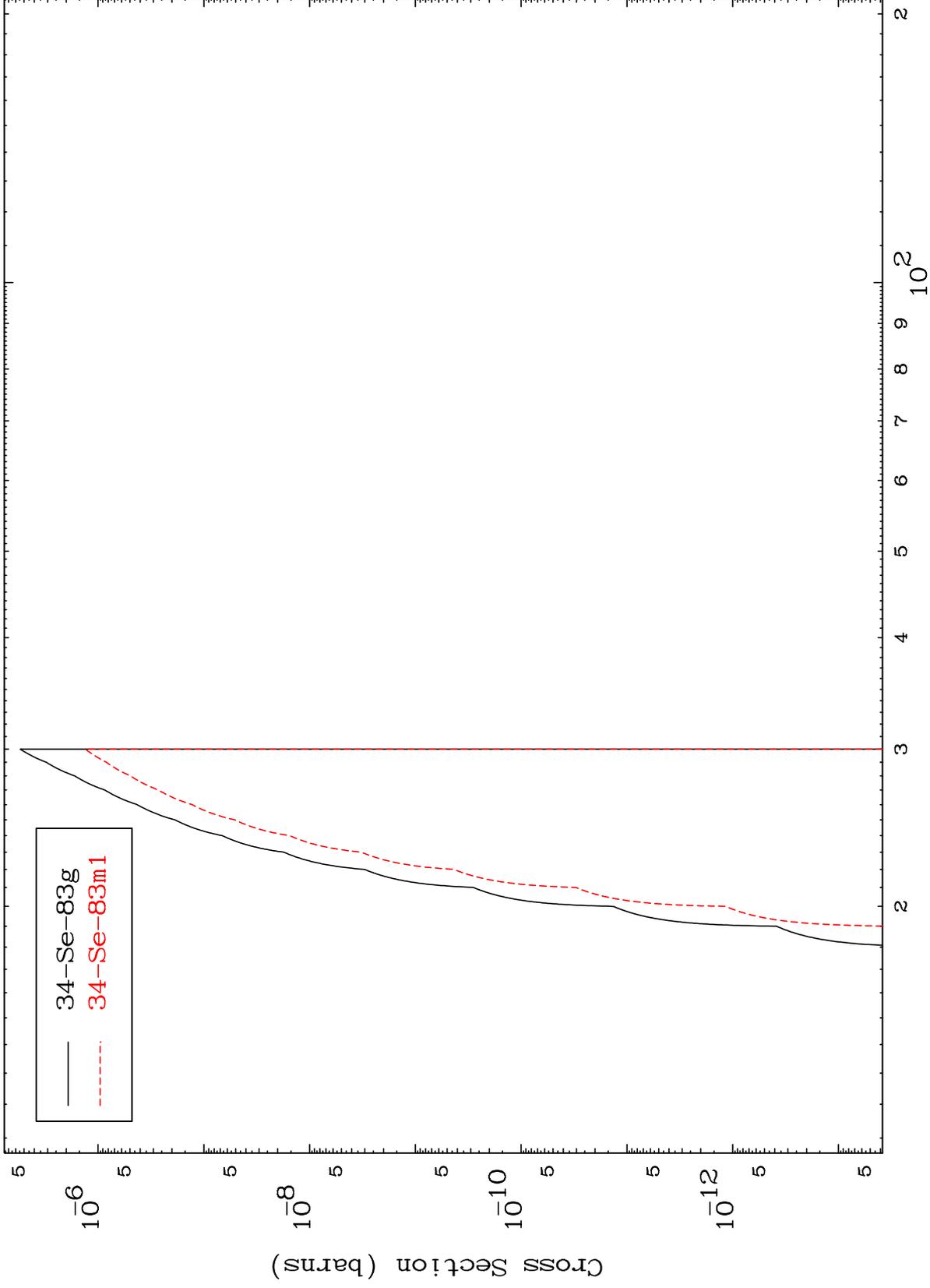
37-Rb-87

MAT 3731

(n,p) α

37-Rb-87

Radionuclide Production Cross Section



73

Incident Energy (MeV)

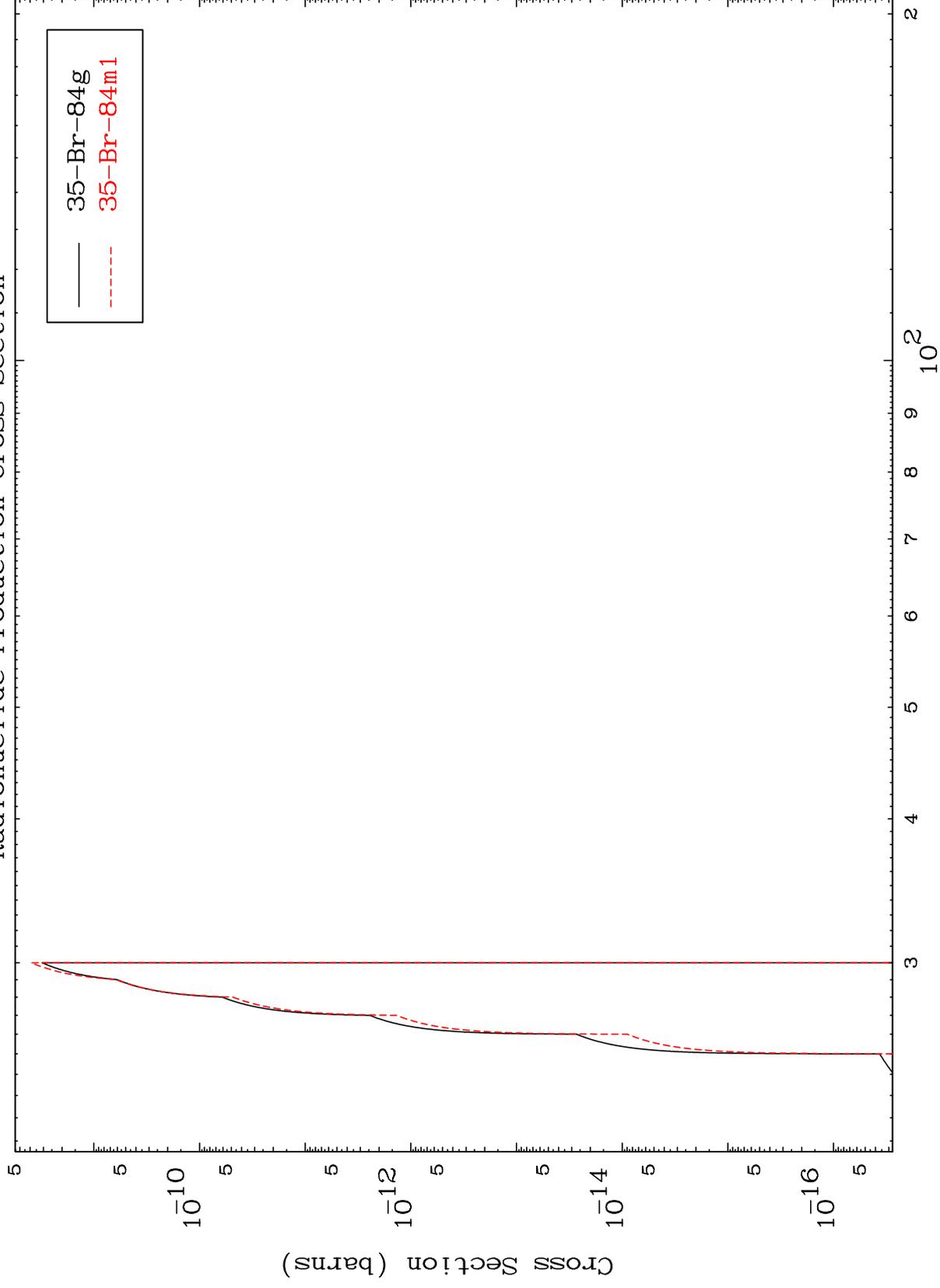
37-Rb-87

MAT 3731

(n,p) t

37-Rb-87

Radionuclide Production Cross Section



74

Incident Energy (MeV)

37-Rb-87