

Program EVALPLOT
(Version 2017-1)

by

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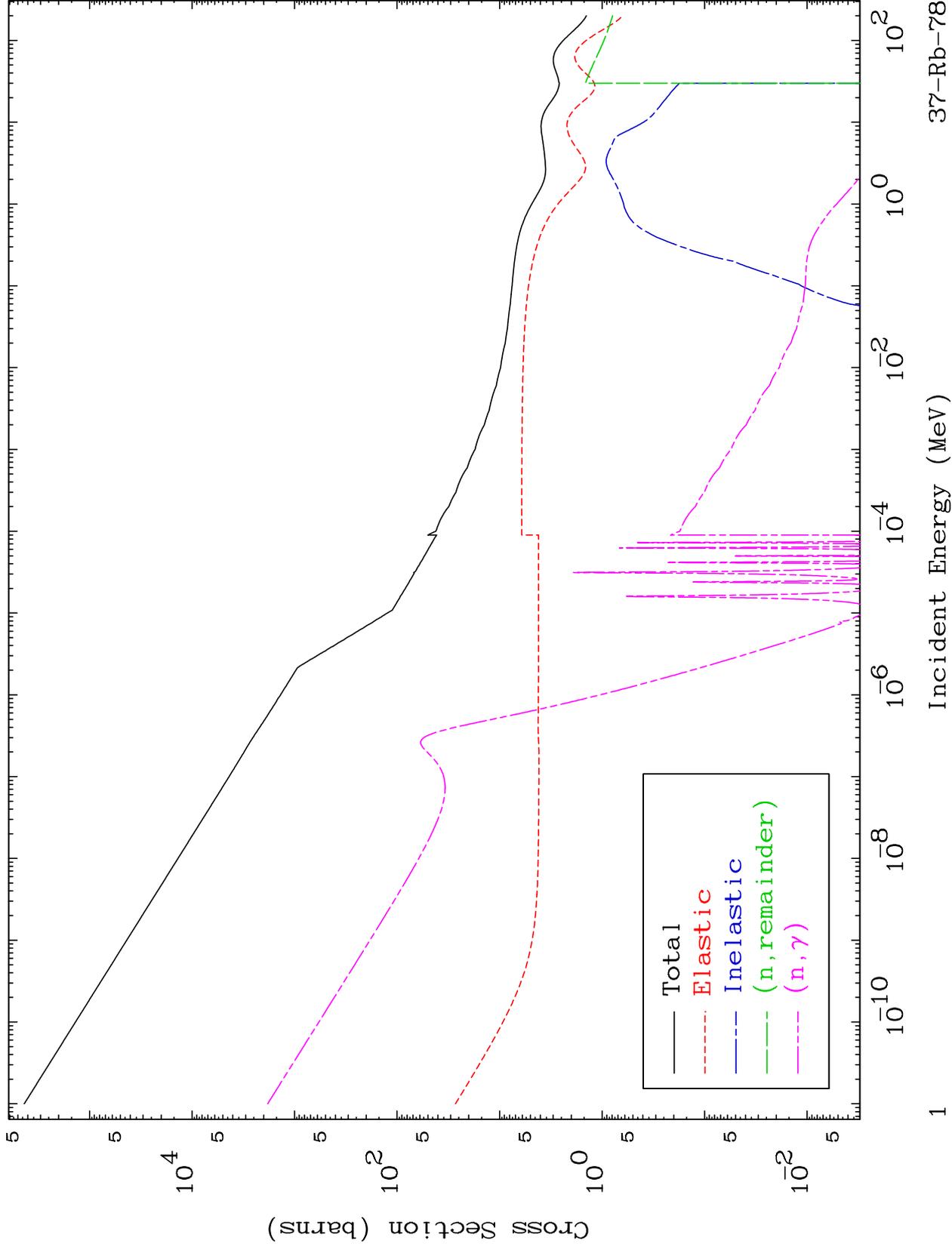
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Press Mouse Button to Start

MAT 3704

Major
293 Kelvin Cross Sections

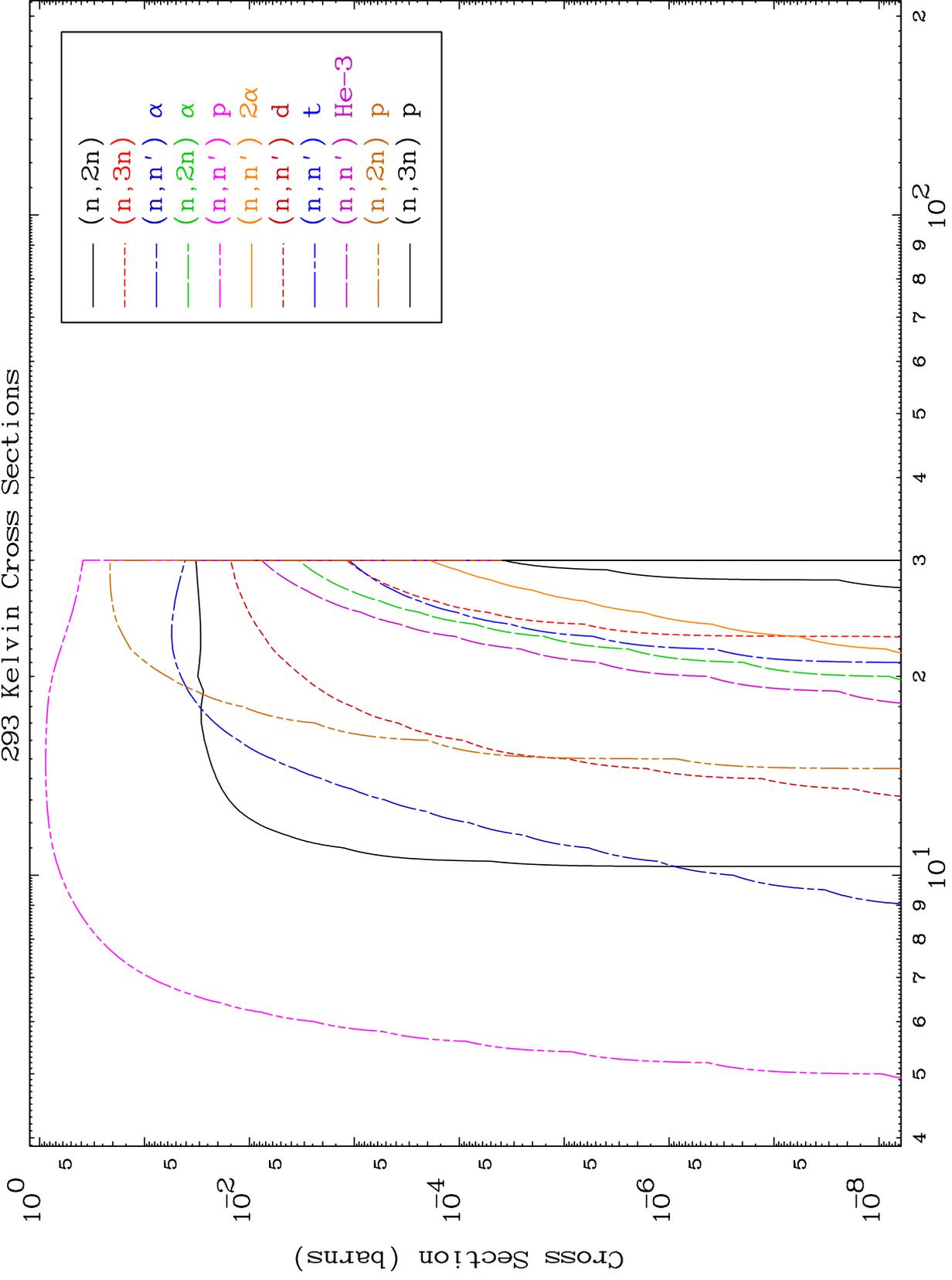
37-Rb-78



MAT 3704

Neutron Production
293 Kelvin Cross Sections

37-Rb-78



2

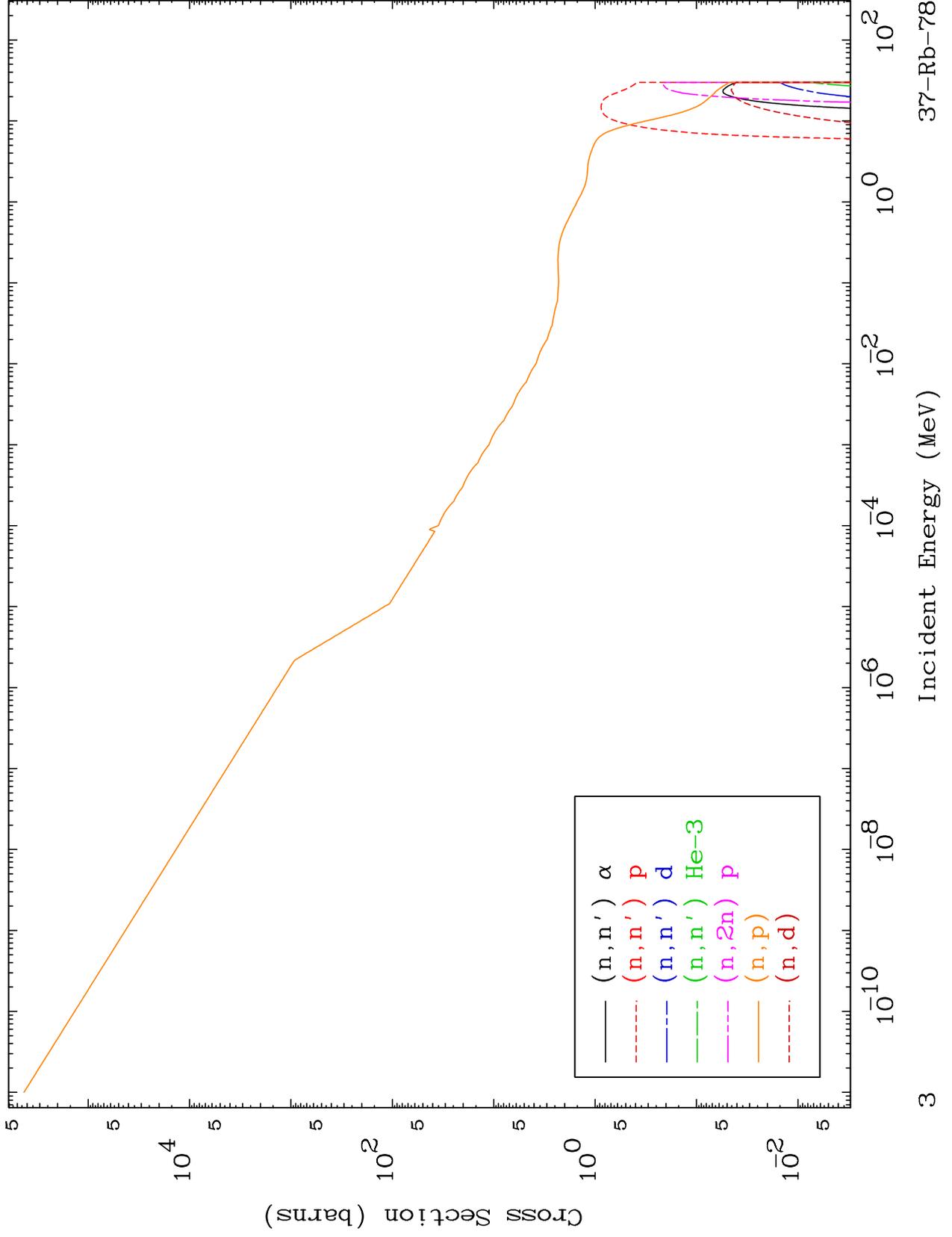
Incident Energy (MeV)

37-Rb-78

MAT 3704

Charged Particle
293 Kelvin Cross Sections

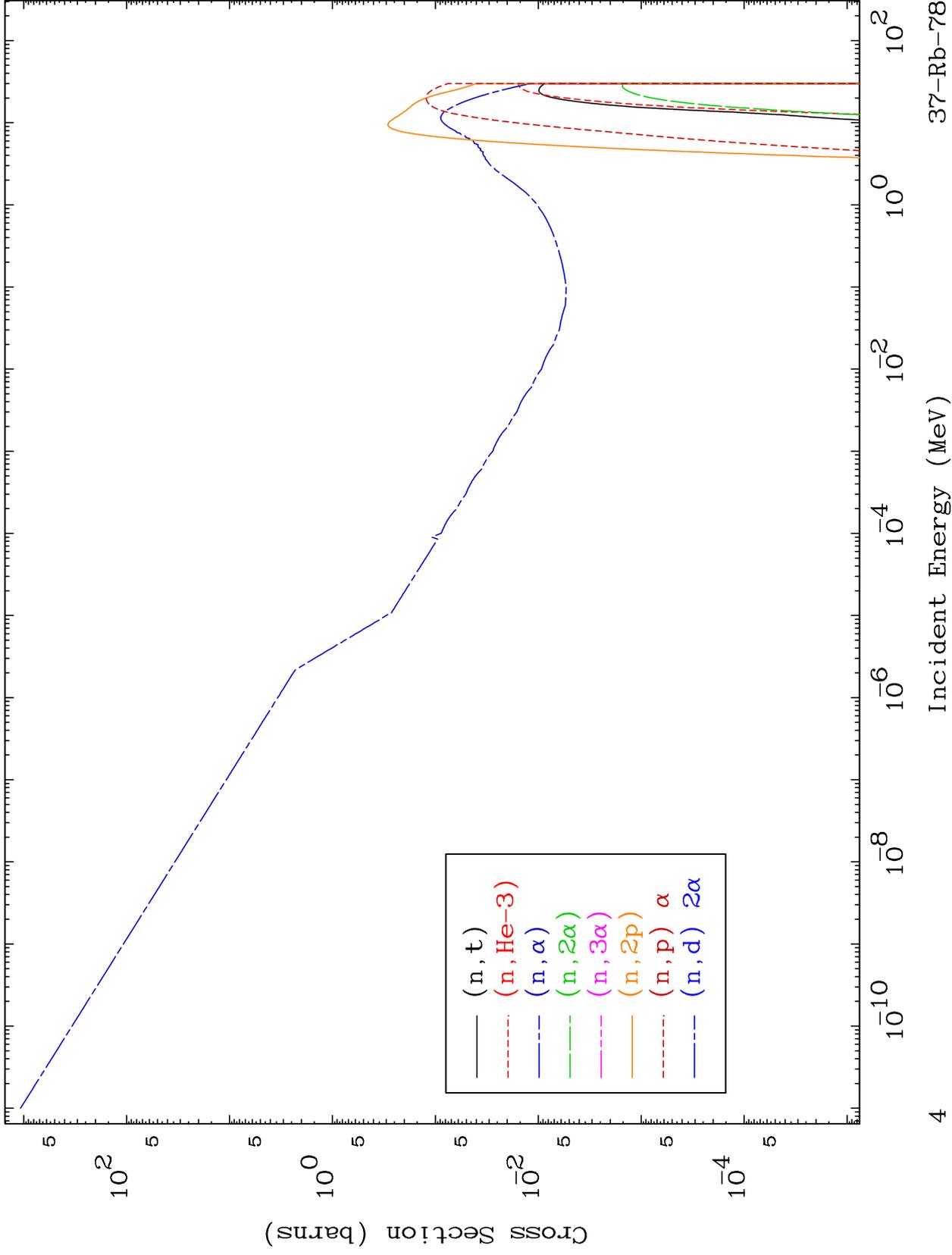
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MAT 3704

Charged Particle
293 Kelvin Cross Sections

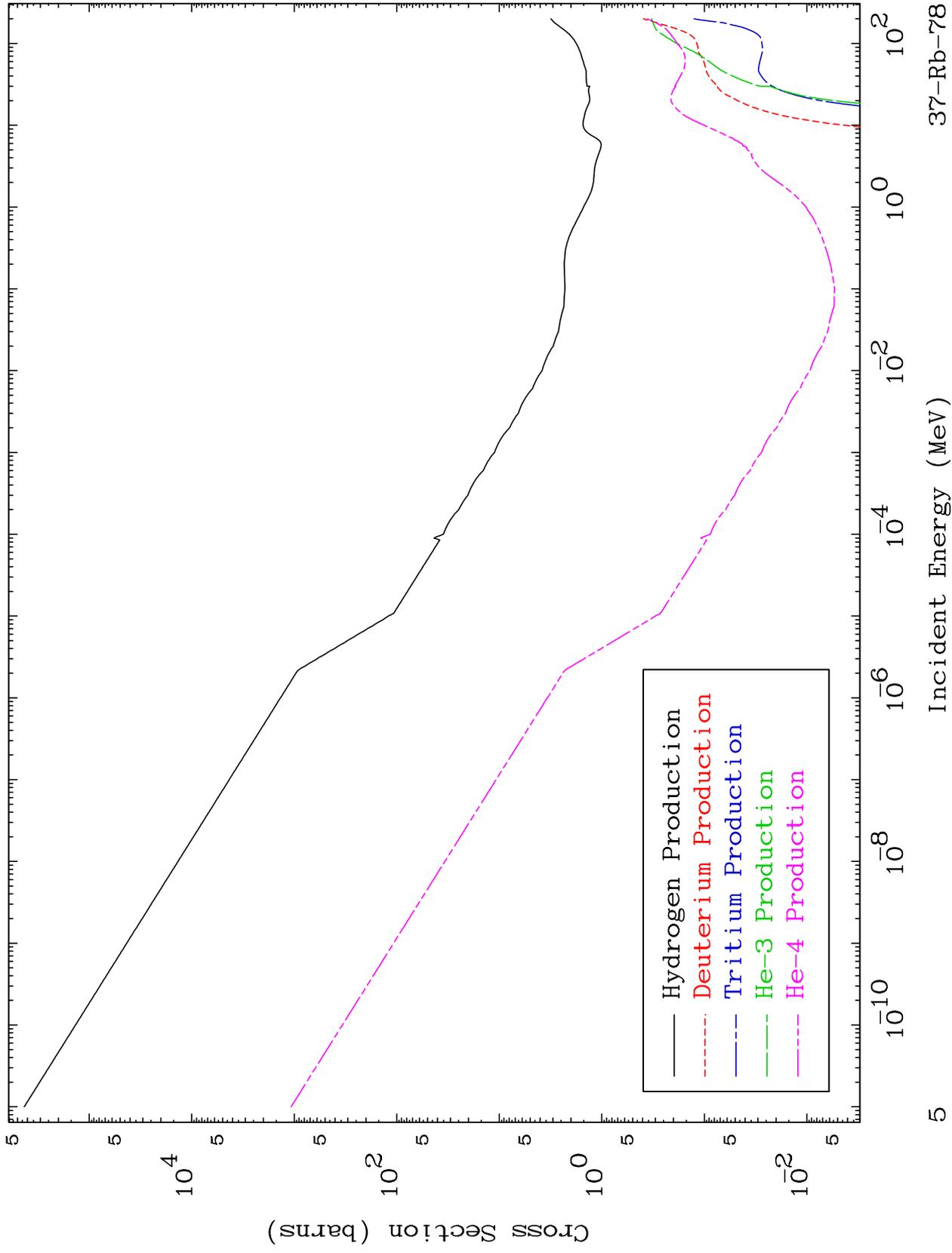
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MAT 3704

Particle Production
293 Kelvin Cross Sections

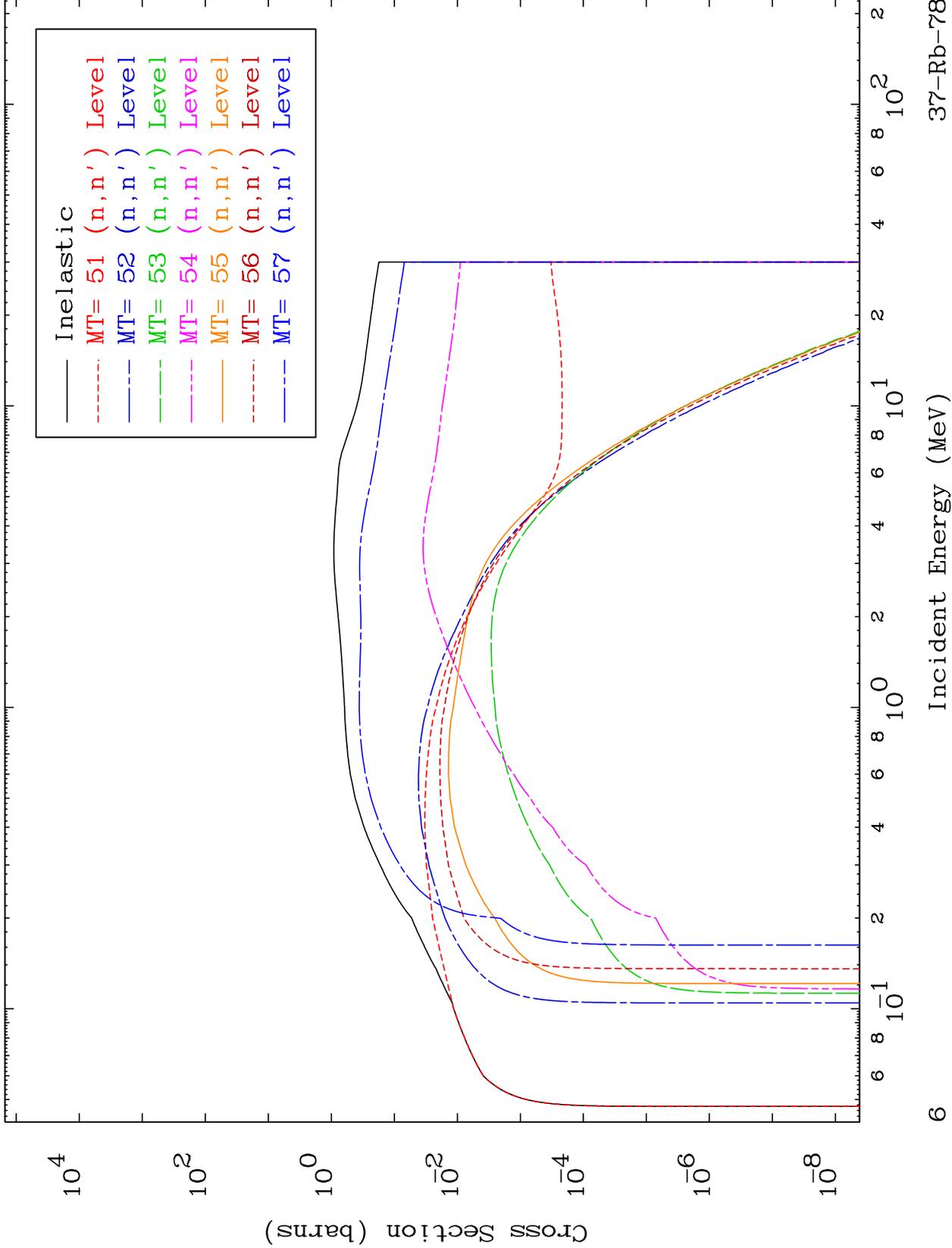
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MAT 3704

(n,n') Level
293 Kelvin Cross Sections

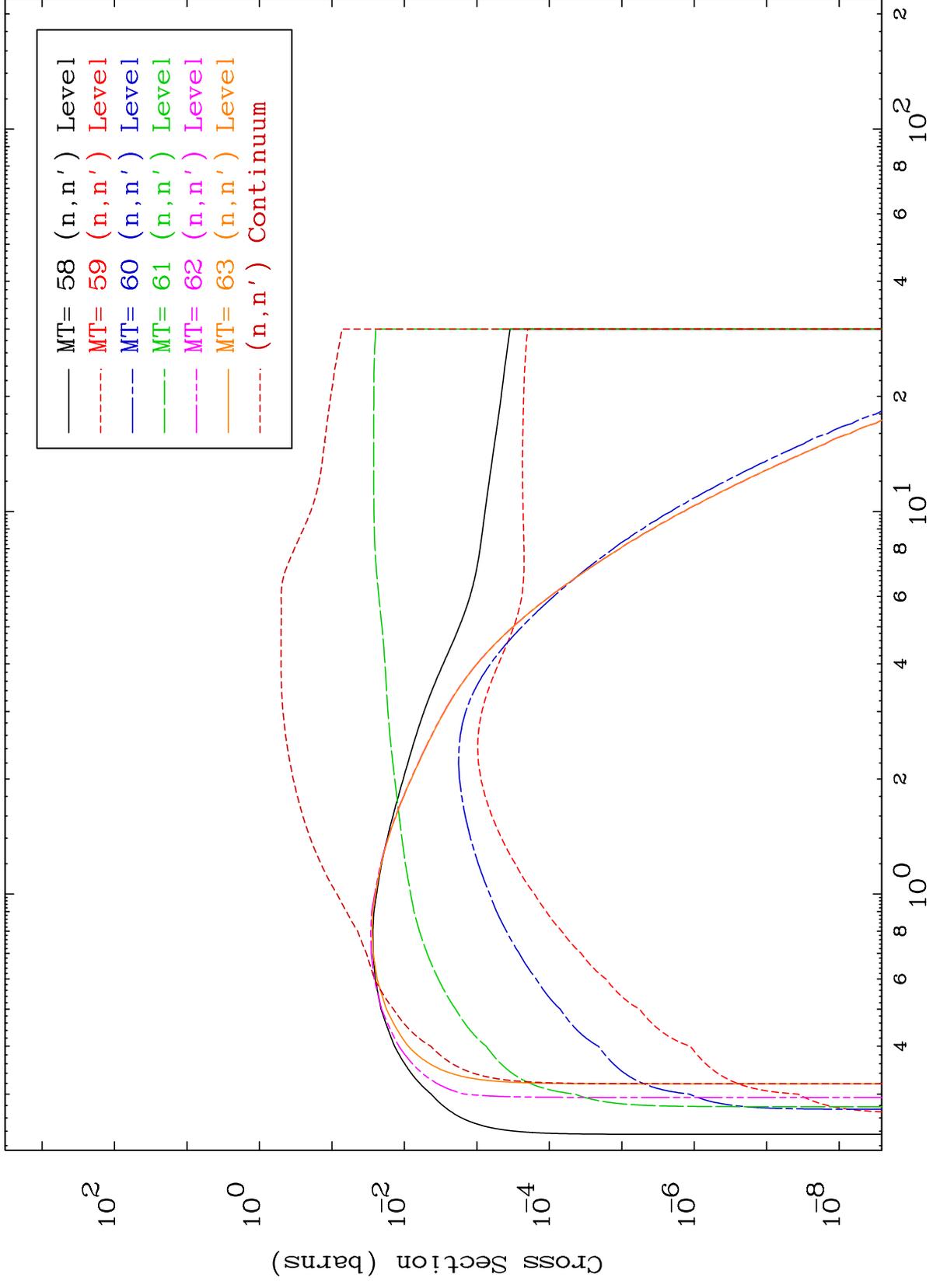
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MAT 3704

(n,n') Level
293 Kelvin Cross Sections

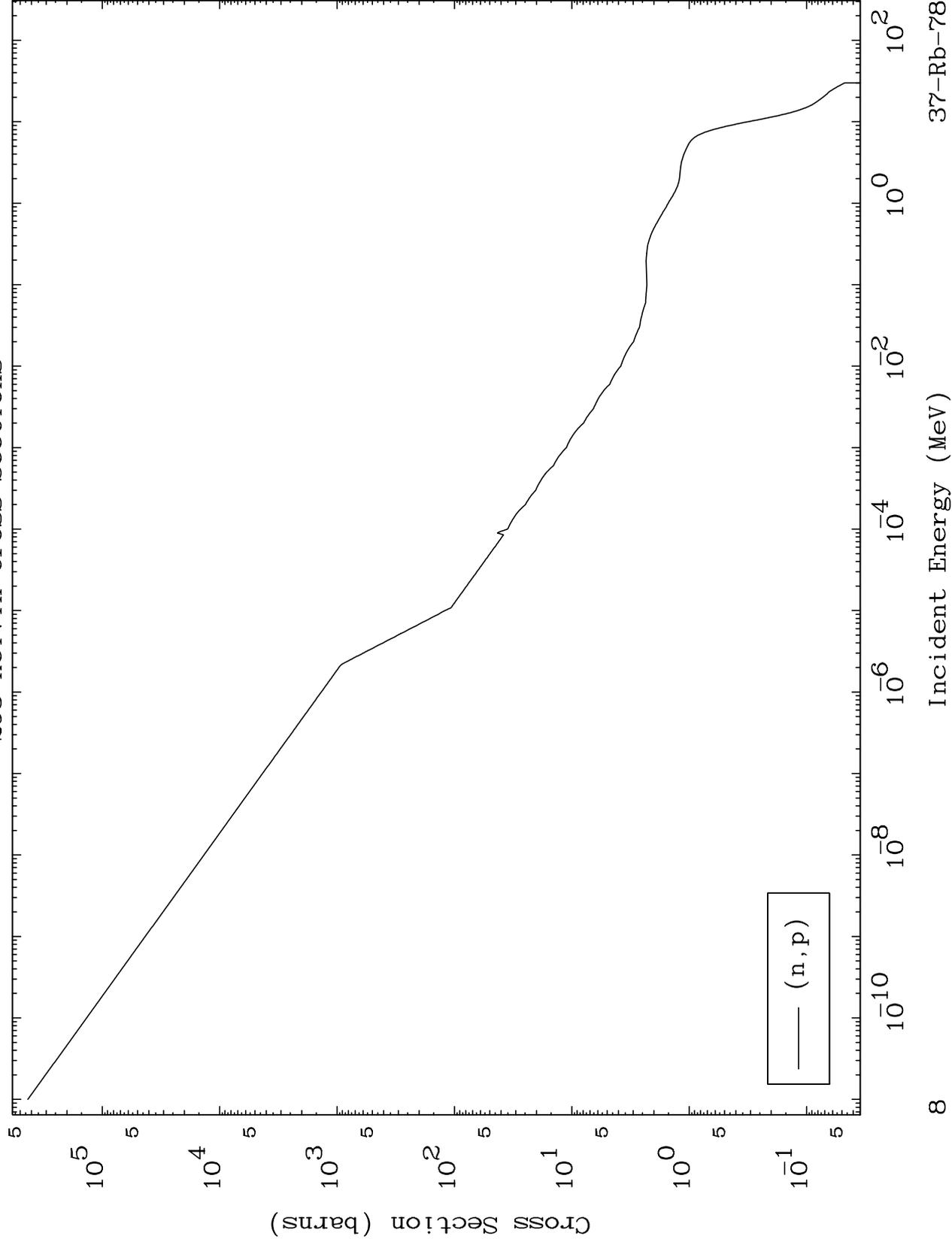
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MAT 3704

(n,p) Levels
293 Kelvin Cross Sections

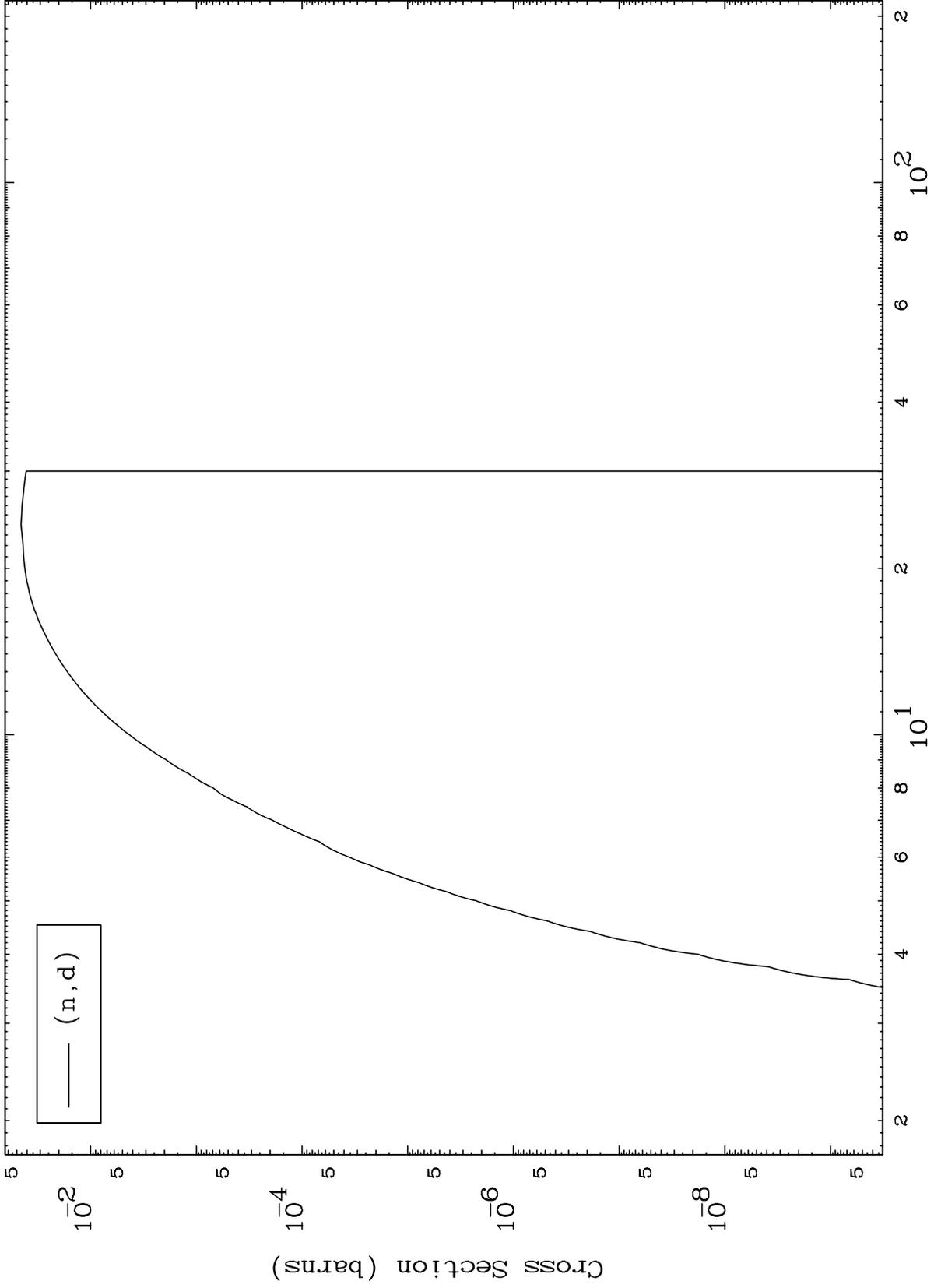
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MAT 3704

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-78



9

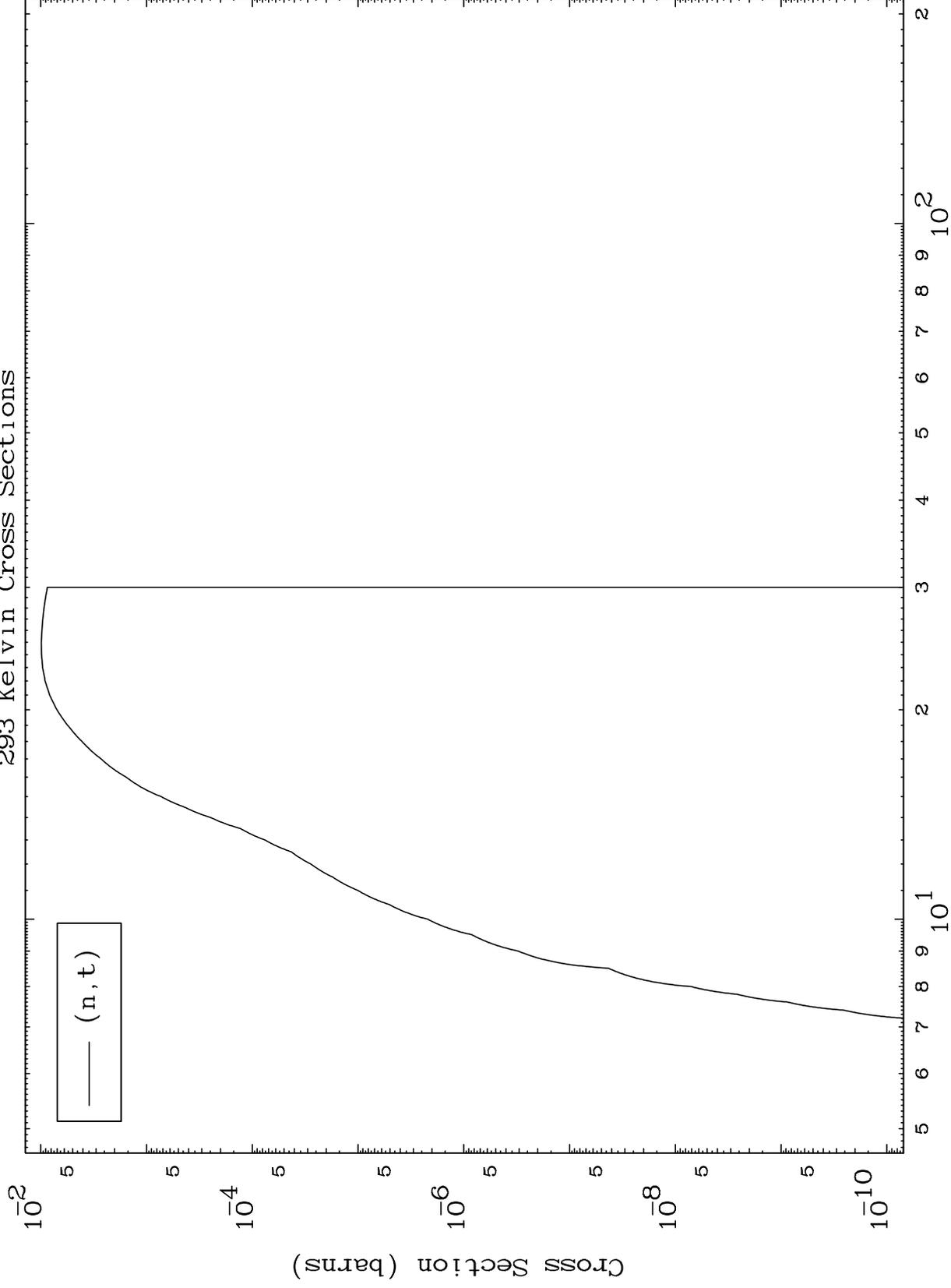
Incident Energy (MeV)

37-Rb-78

MAT 3704

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-78



Incident Energy (MeV)

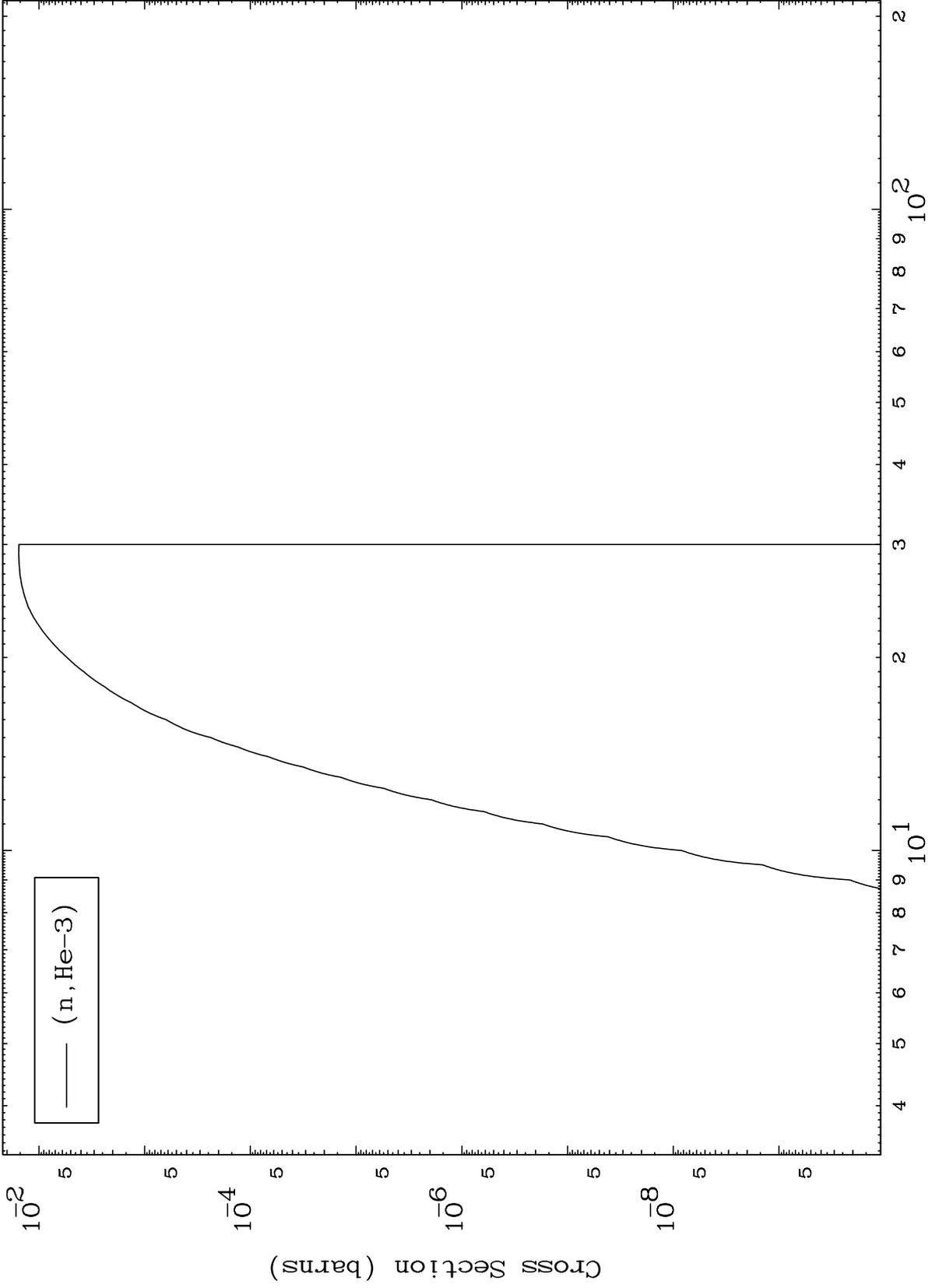
37-Rb-78

10

MAT 3704

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-78



11

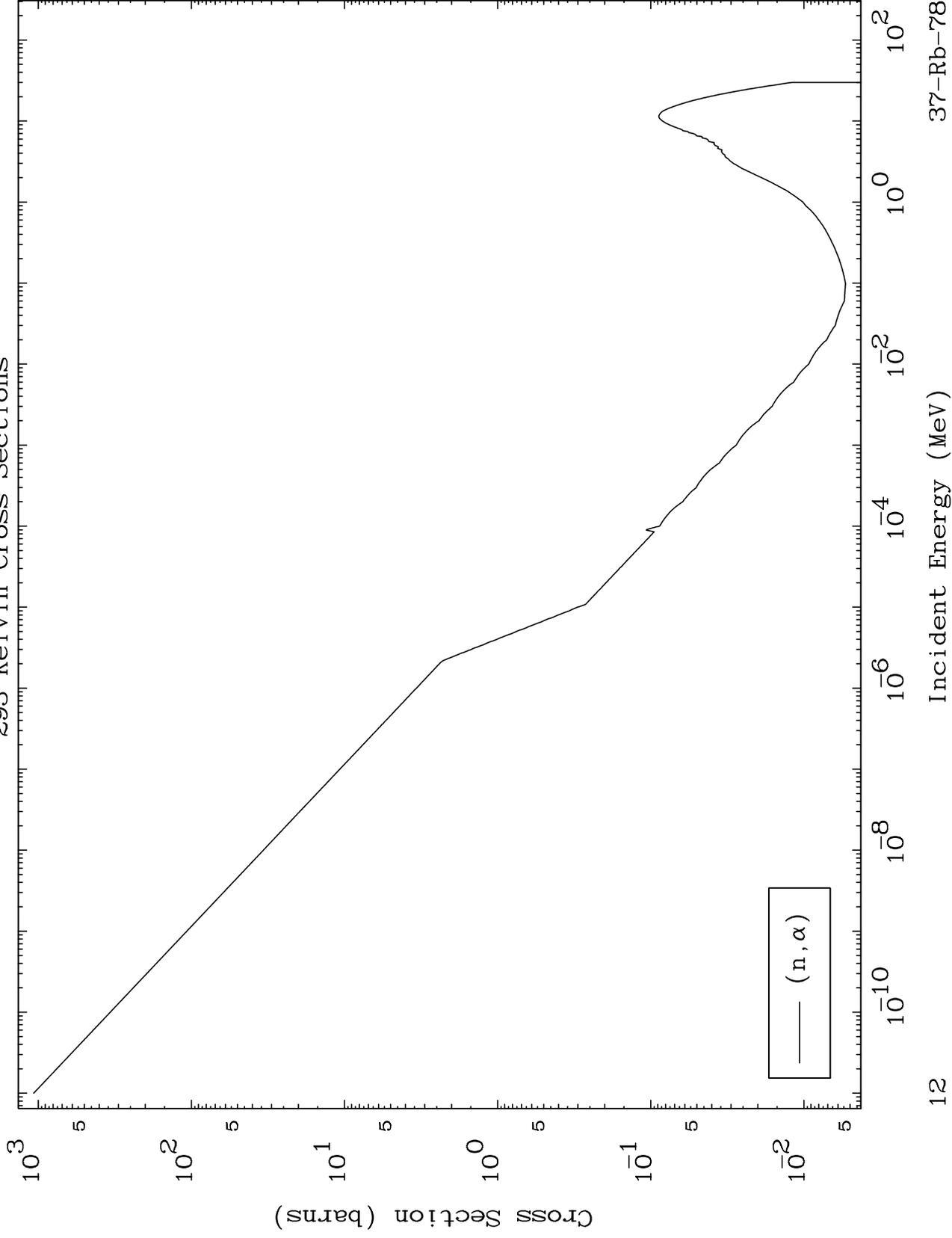
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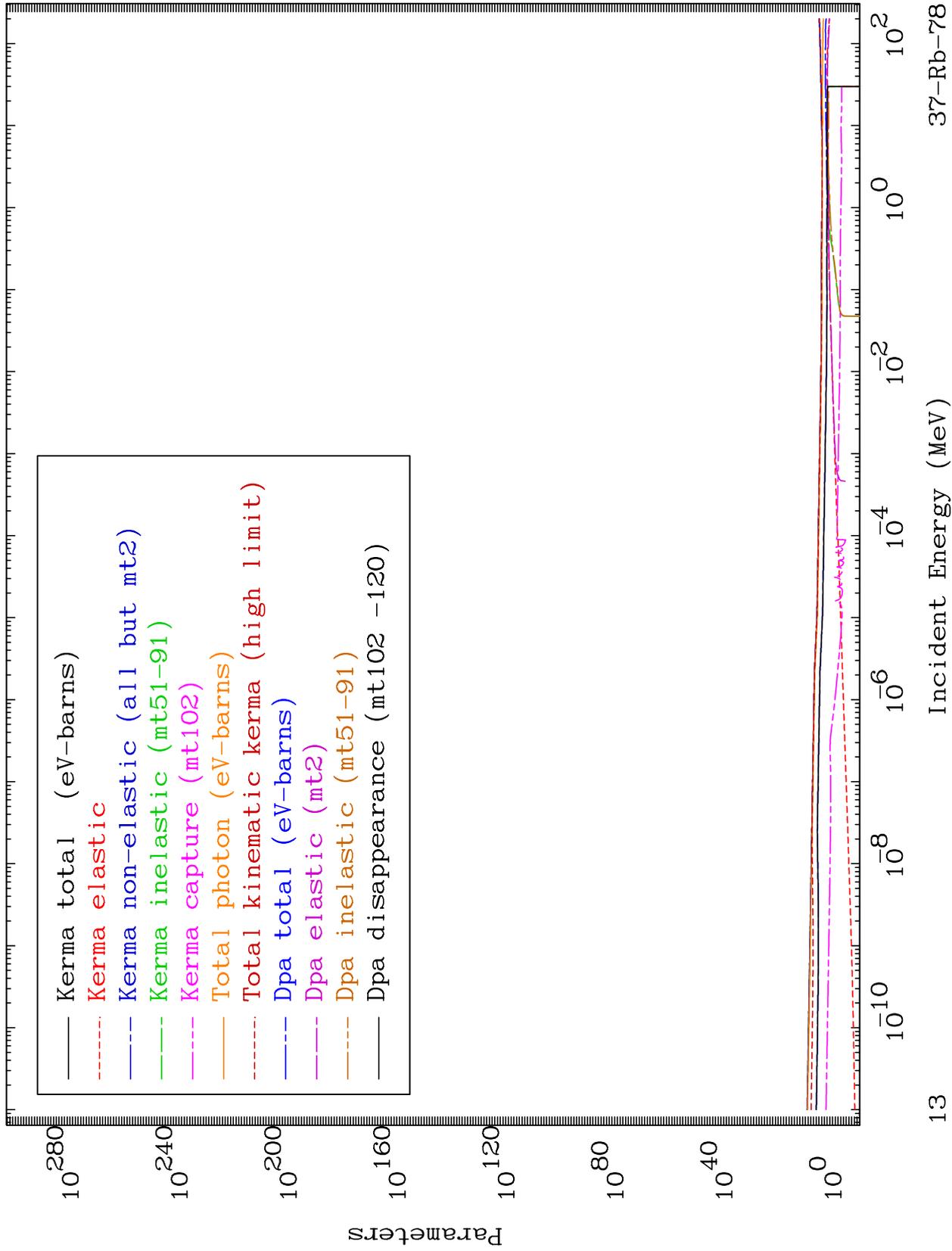
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MAT 3704

(n, α) Levels
293 Kelvin Cross Sections

37-Rb-78

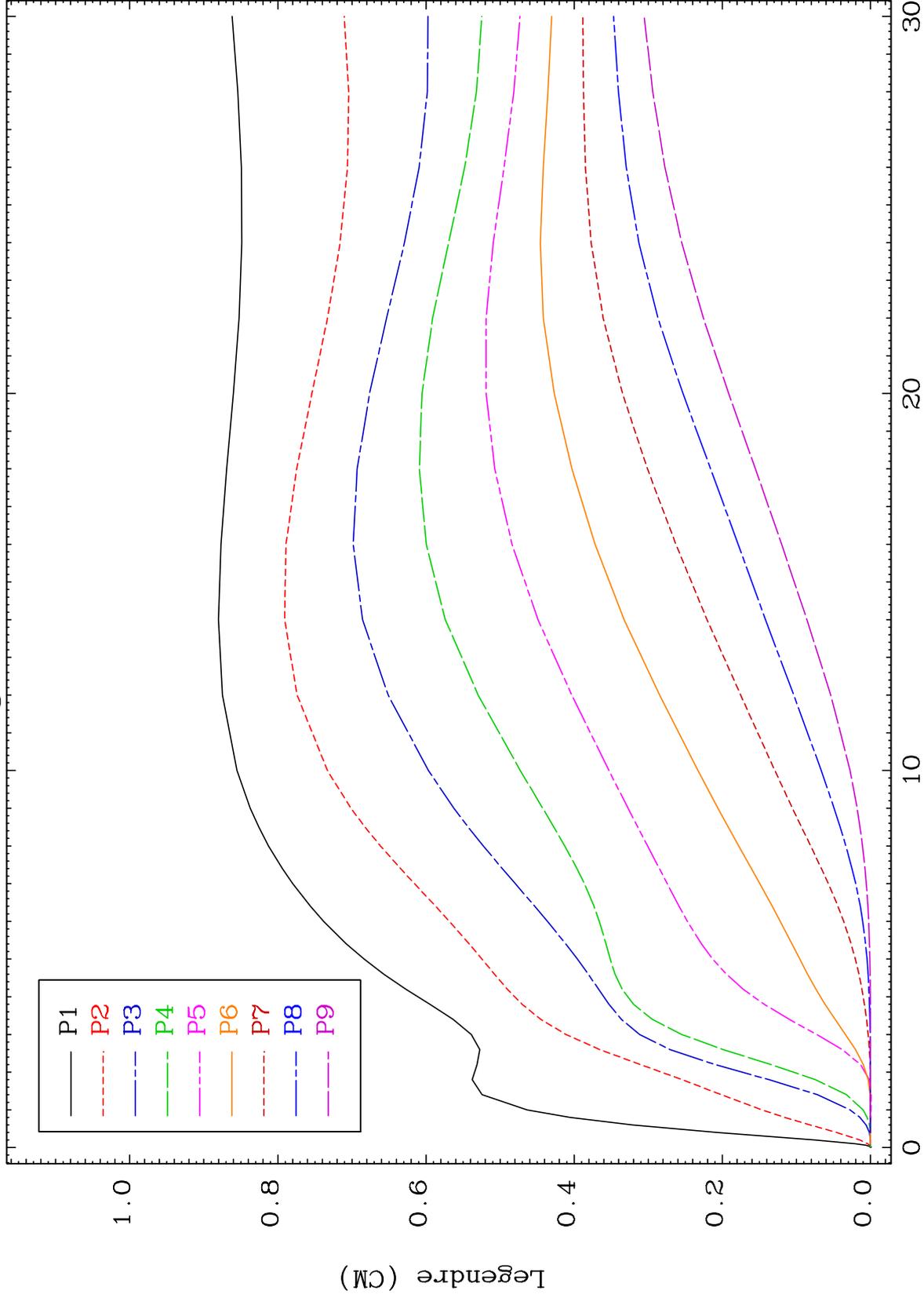




MAT 3704

Elastic Legendre Coefficients

37-Rb-78



14

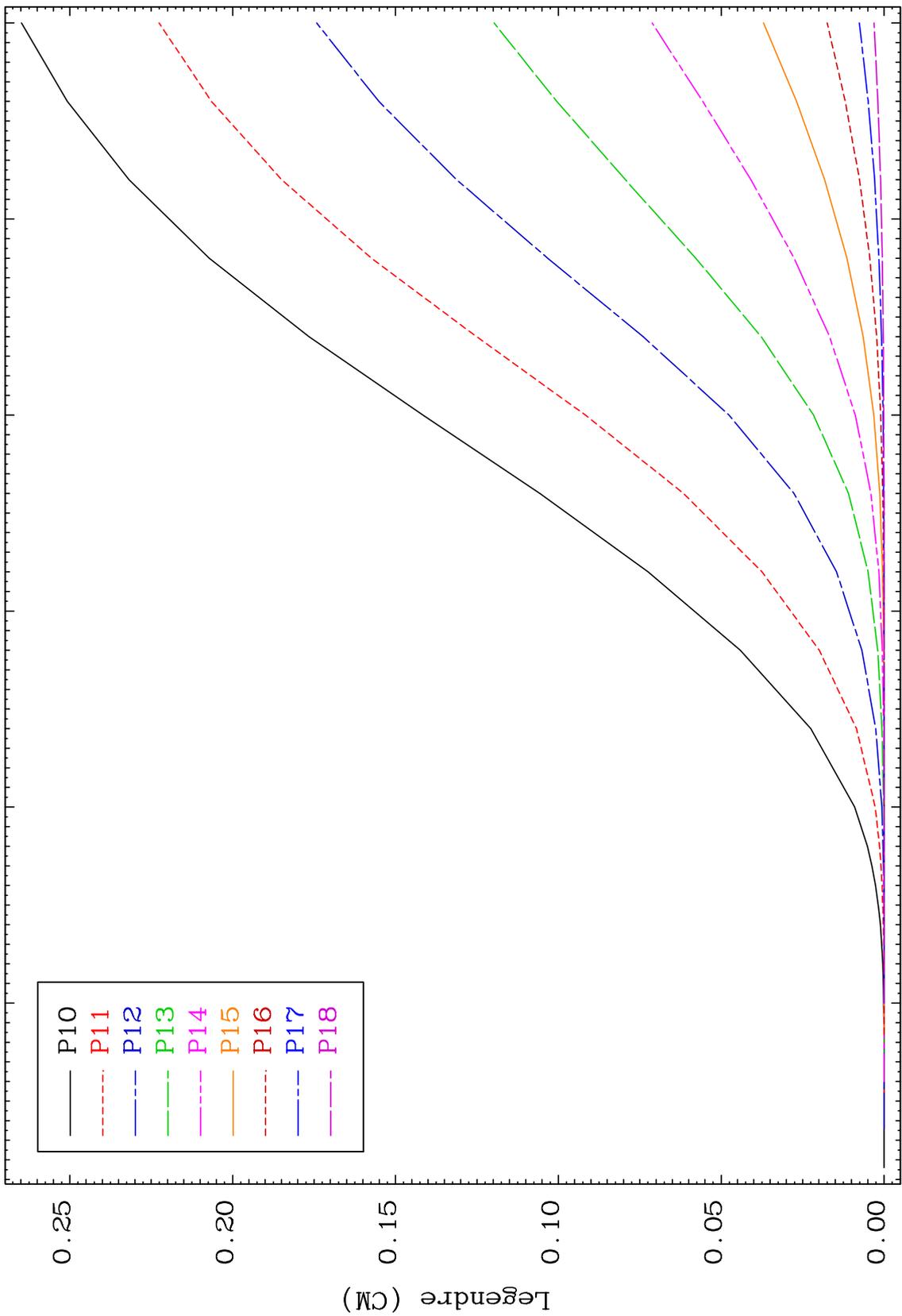
Incident Energy (MeV)

37-Rb-78

MAT 3704

Elastic Legendre Coefficients

³⁷Rb-78



15

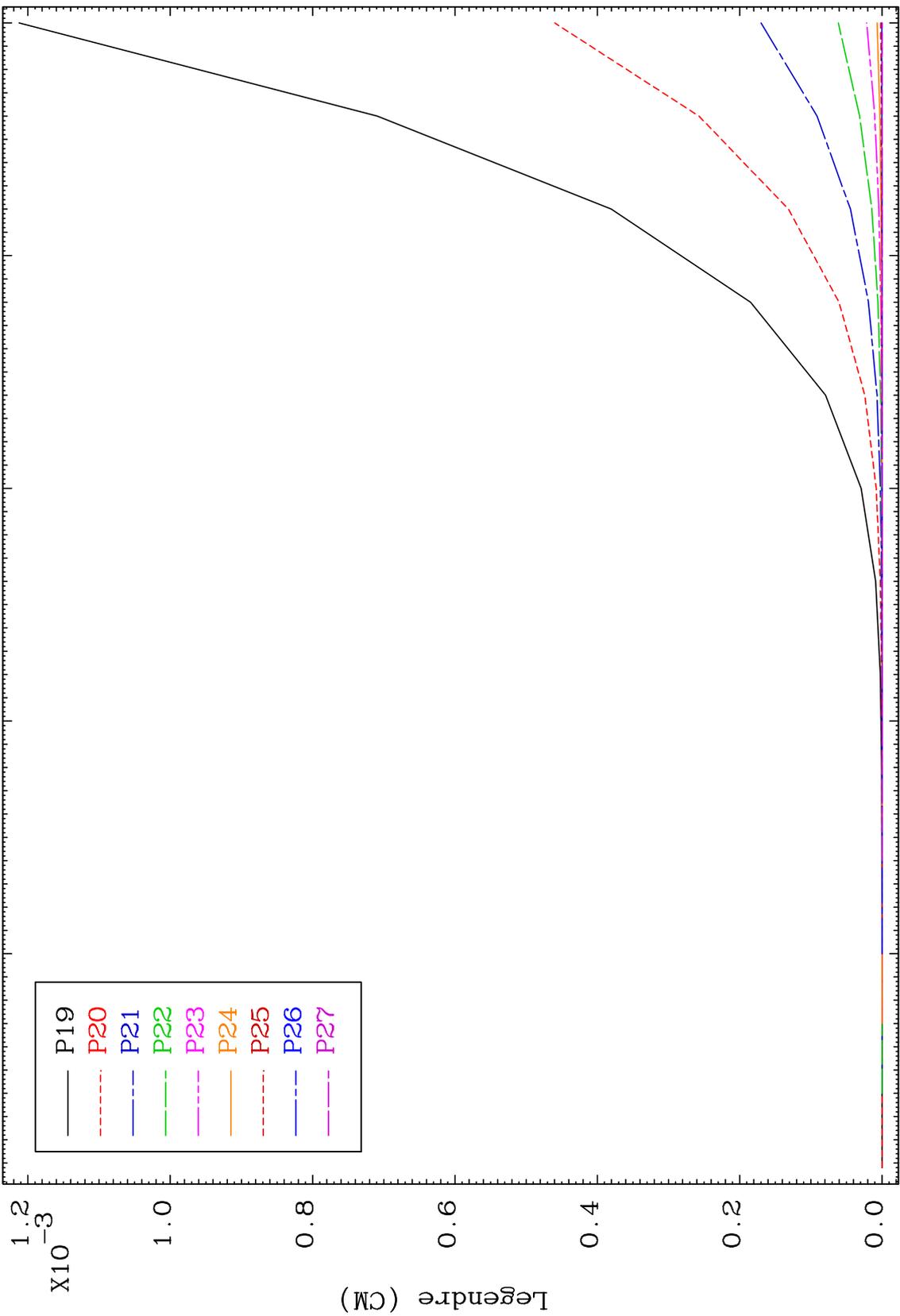
Incident Energy (MeV)

³⁷Rb-78

MAT 3704

Elastic Legendre Coefficients

37-Rb-78



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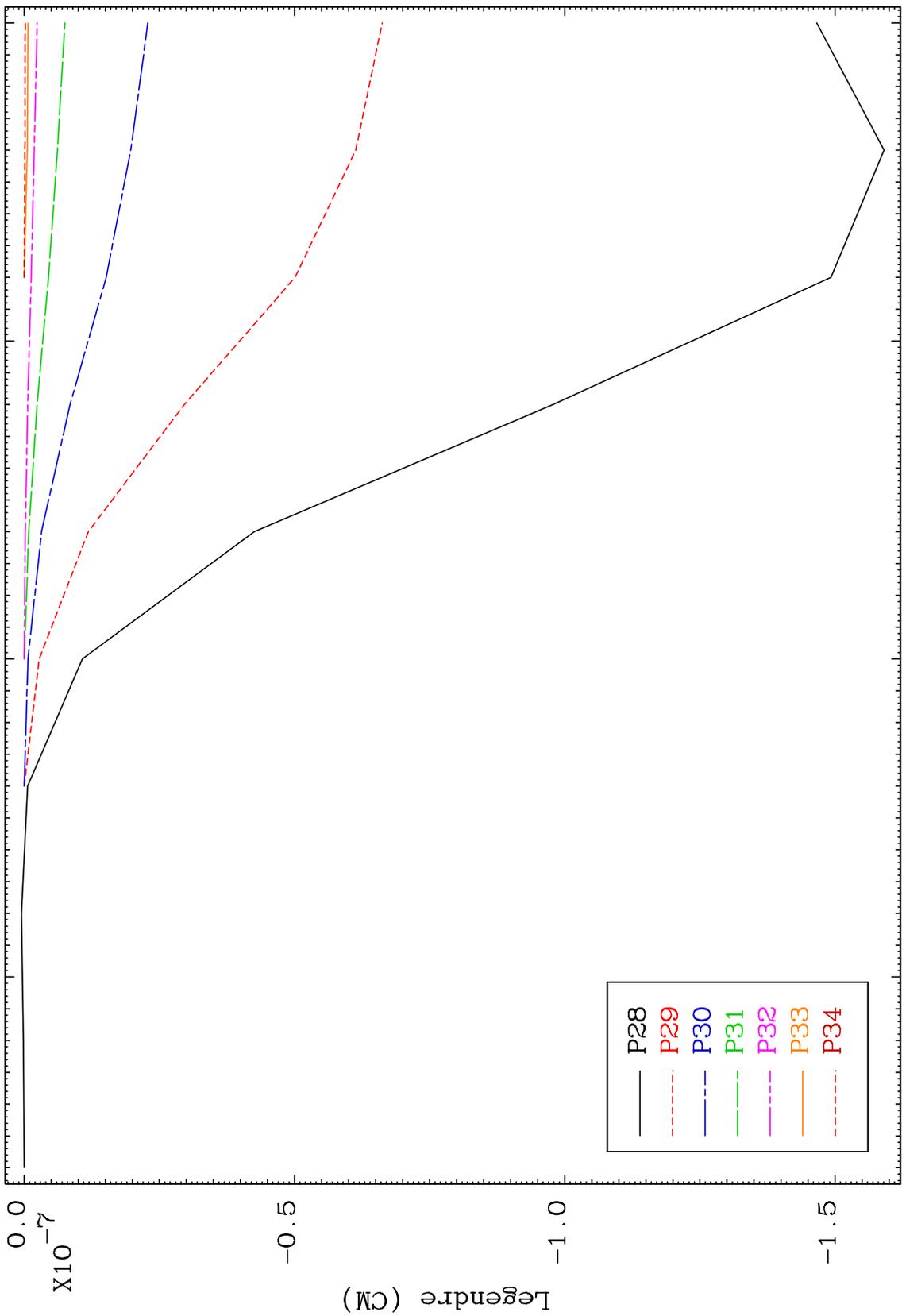
Incident Energy (MeV)

37-Rb-78

MAT 3704

37-Rb-78

Elastic Legendre Coefficients



17

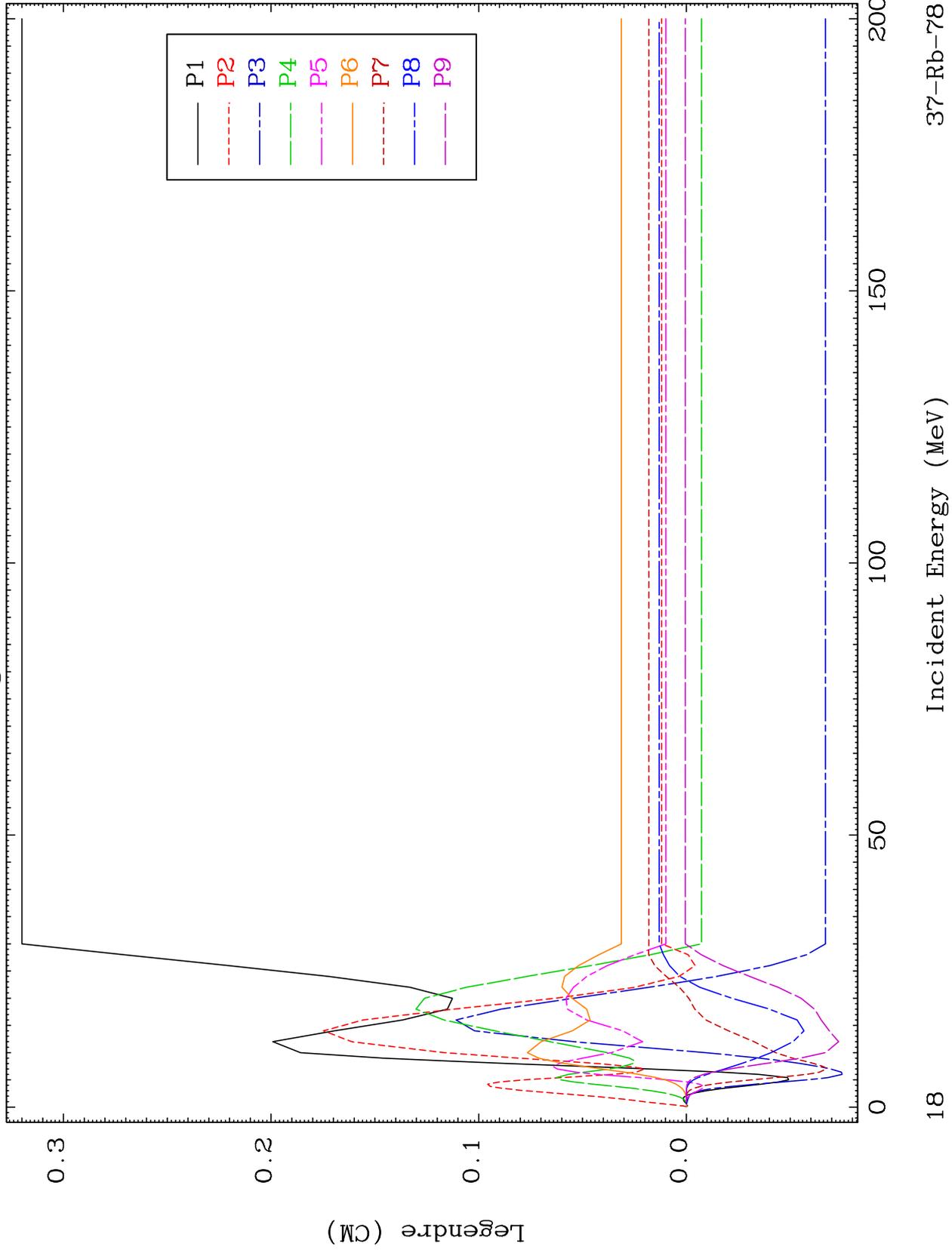
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78

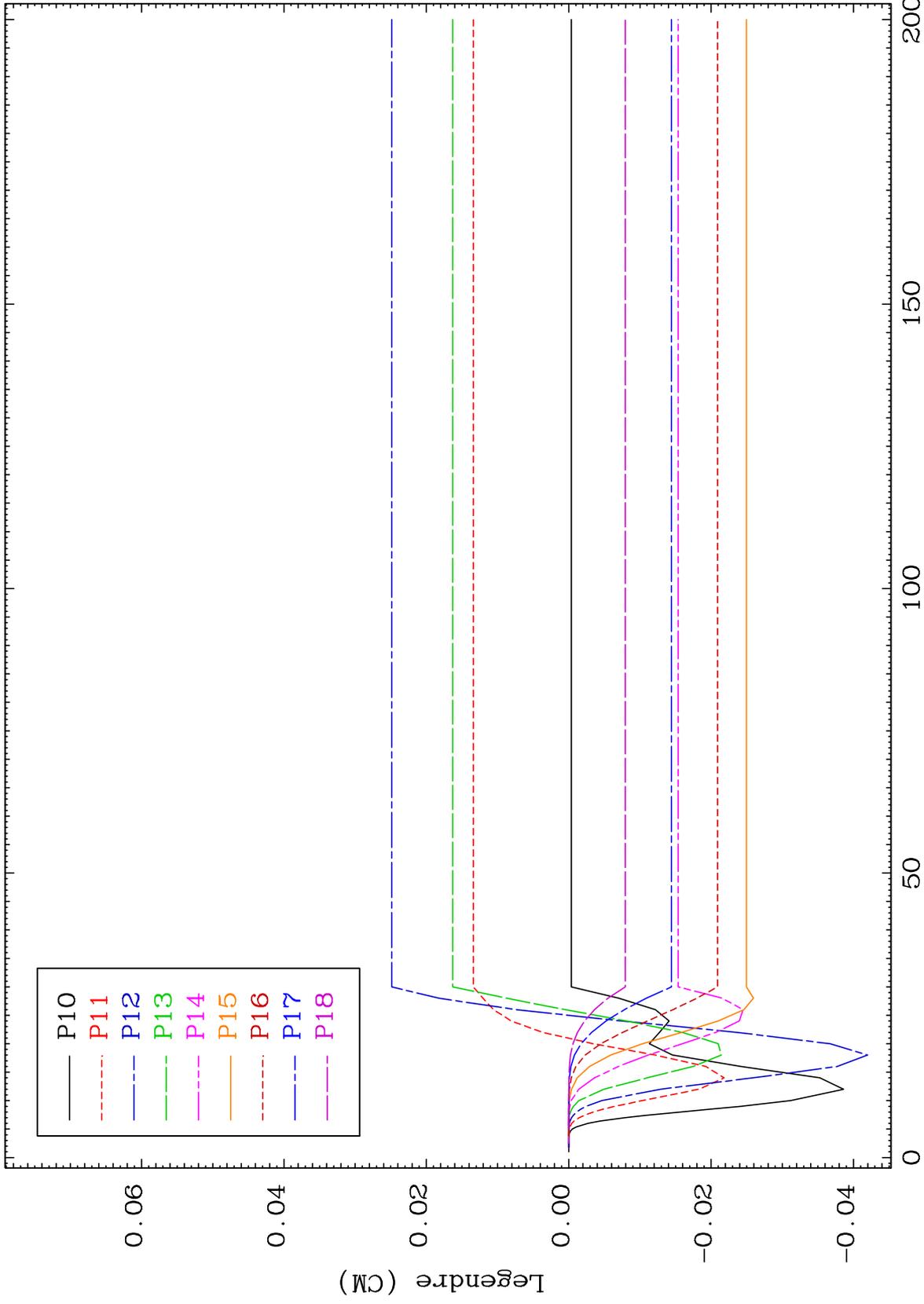


18

MAT 3704

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

37-Rb-78



19

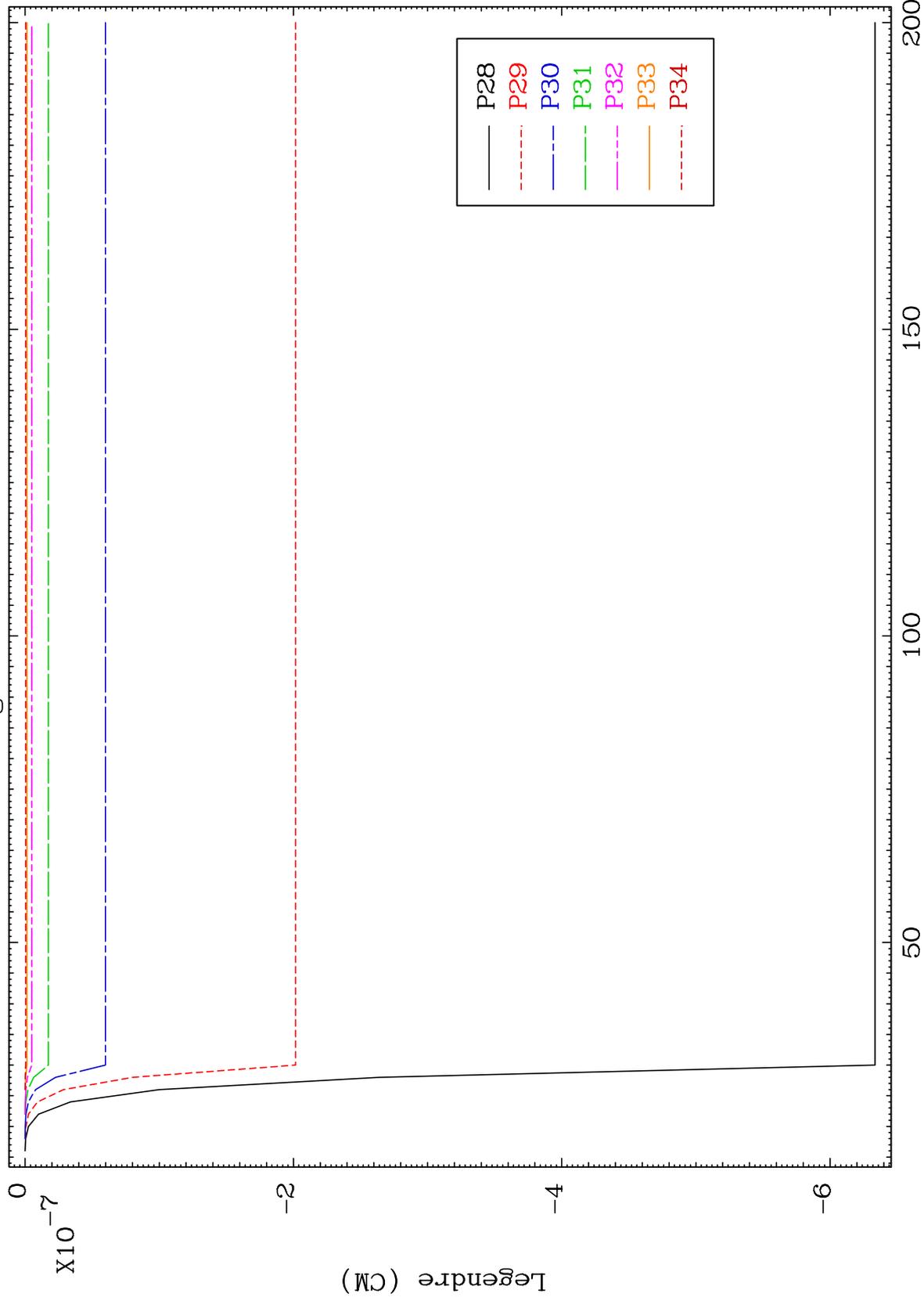
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

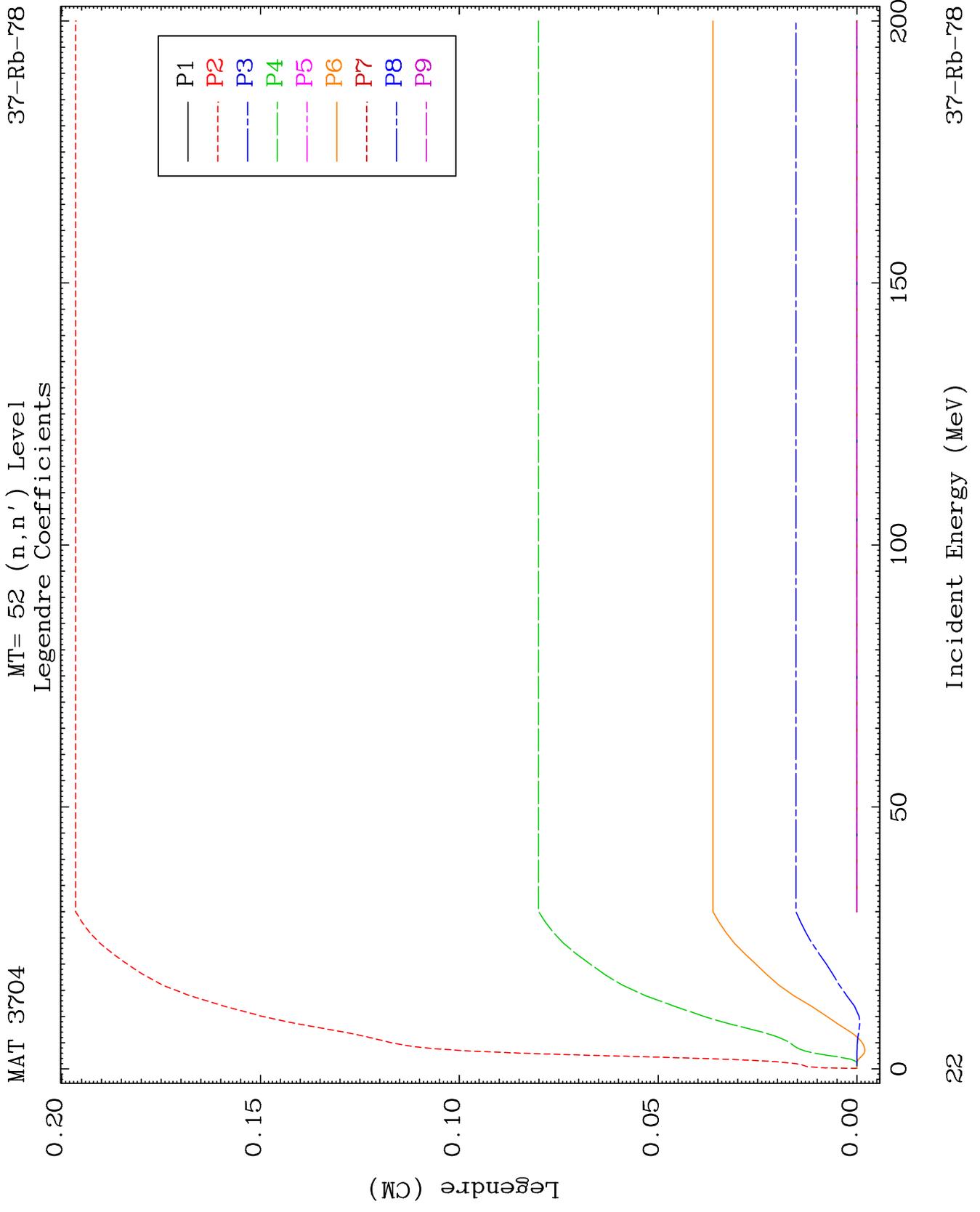
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Incident Energy (MeV)

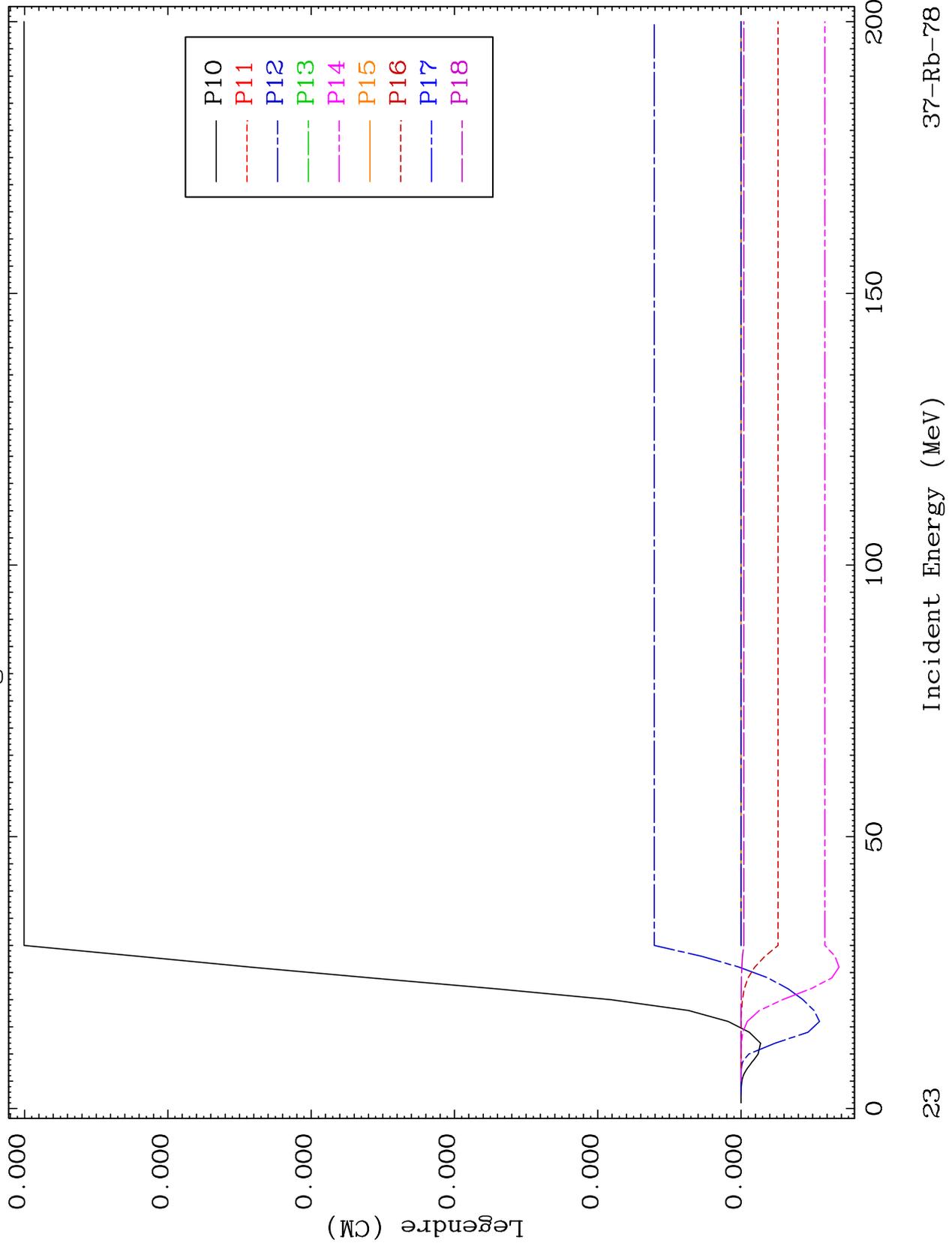
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MAT 3704

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

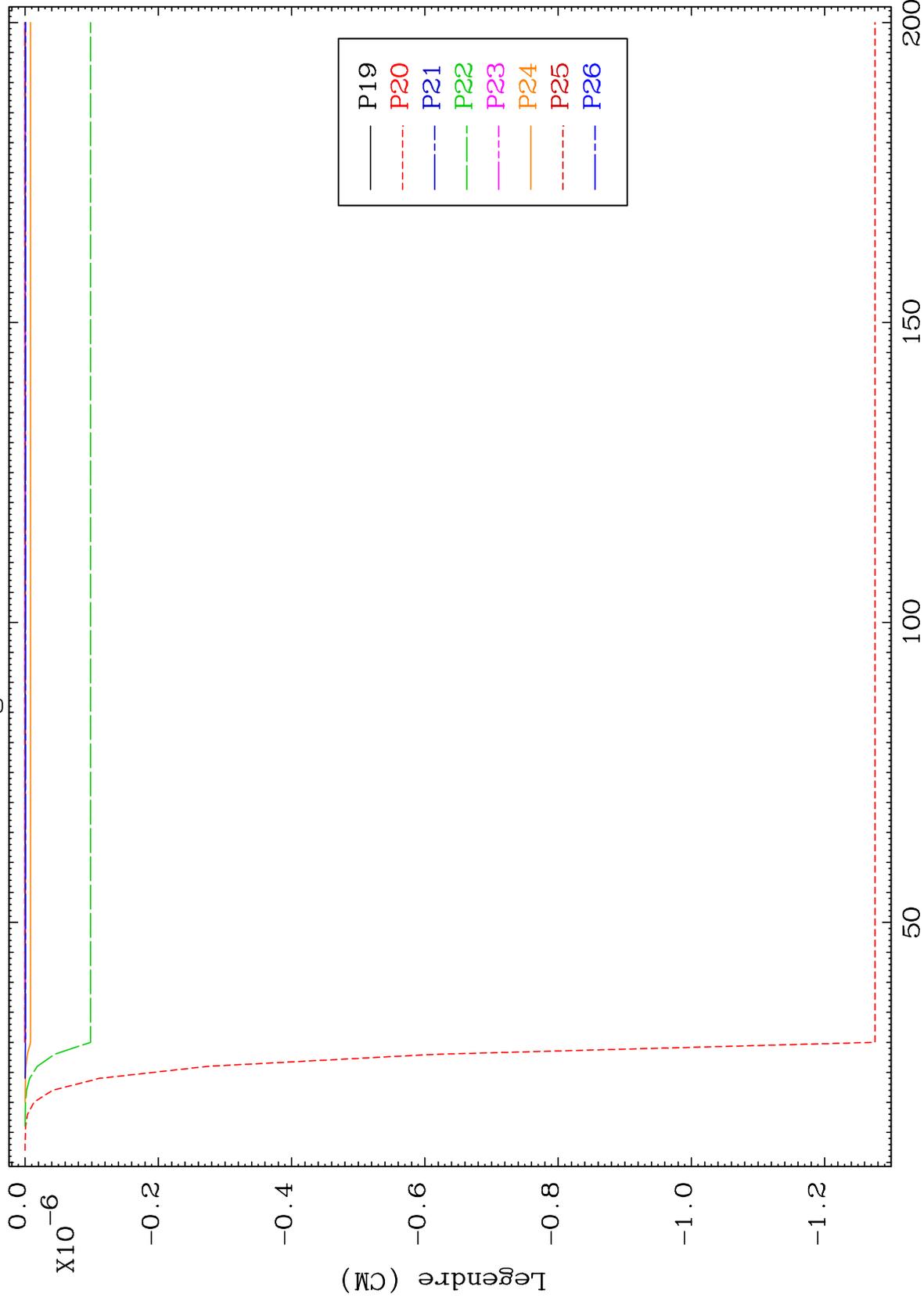
37-Rb-78



MAT 3704

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

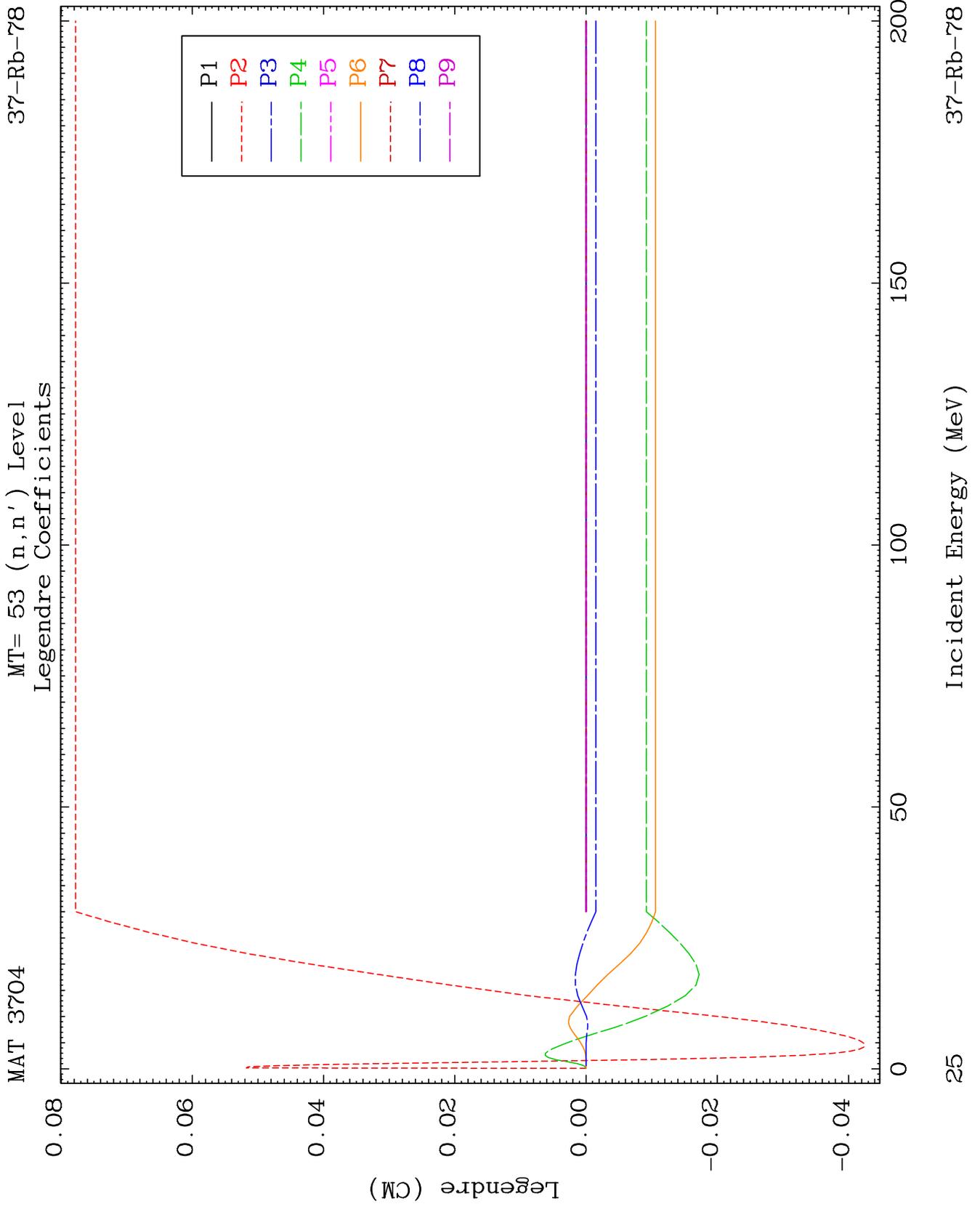
37-Rb-78



24

Incident Energy (MeV)

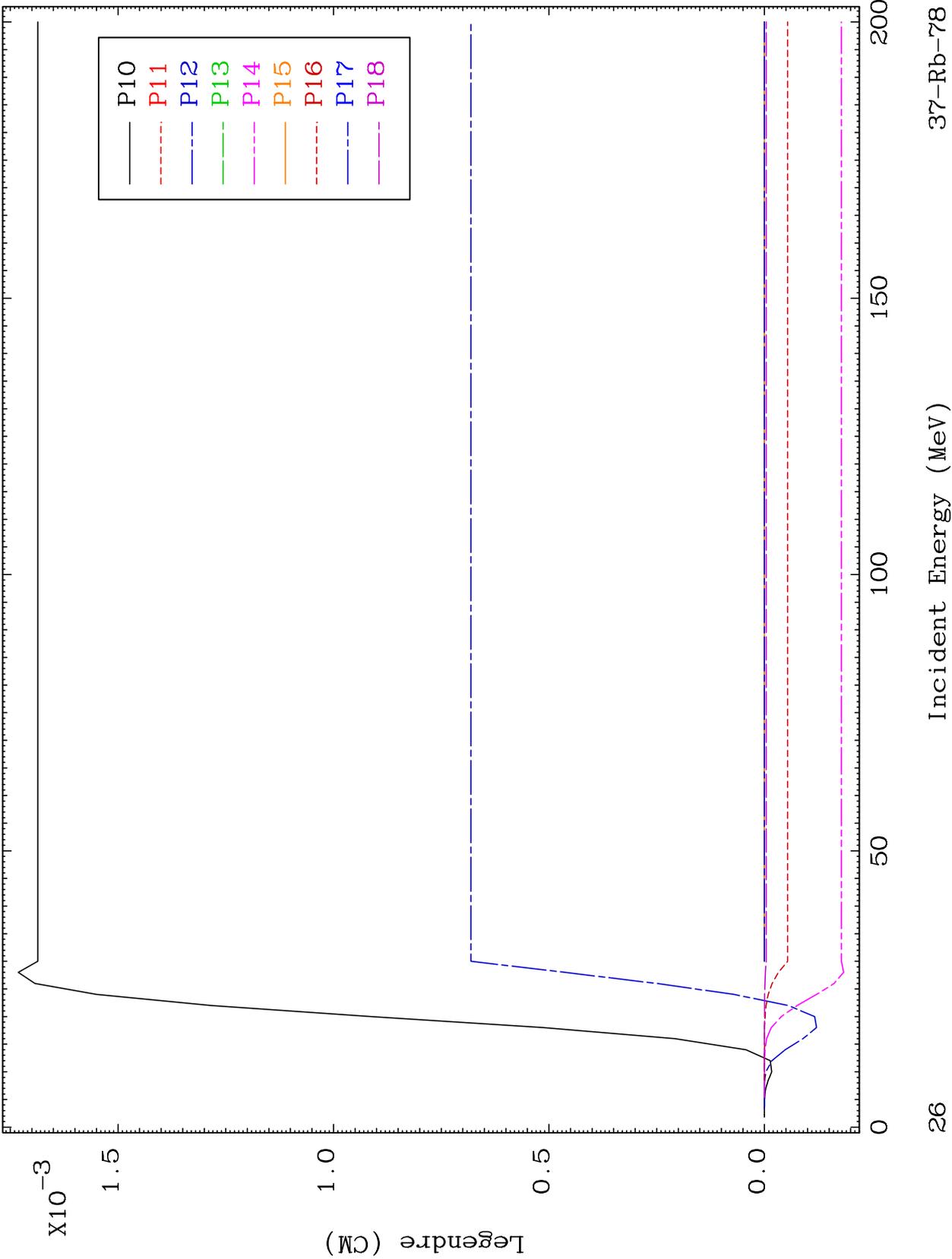
37-Rb-78



MAT 3704

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

37-Rb-78



26

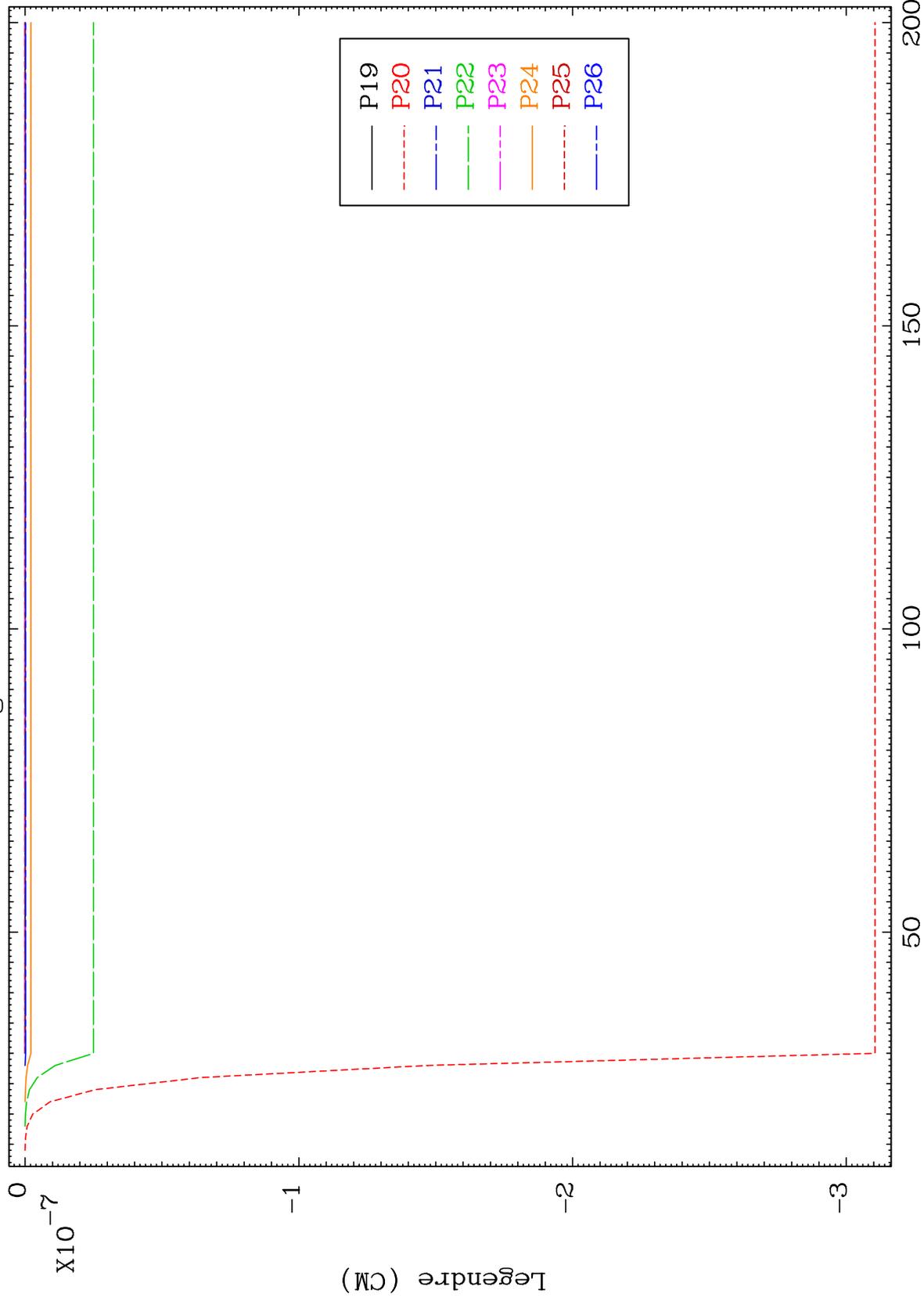
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



37-Rb-78

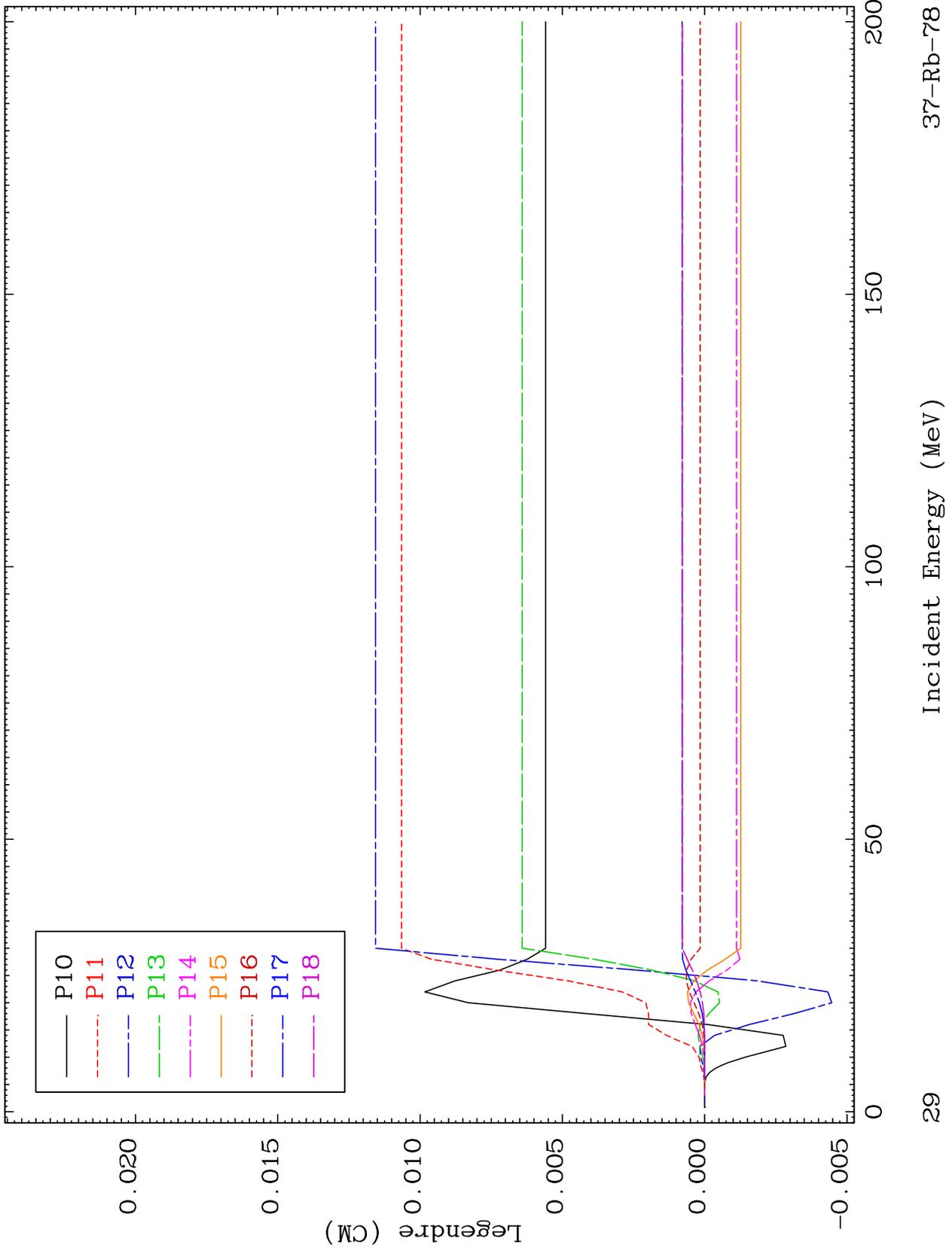
Incident Energy (MeV)

27

MAT 3704

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

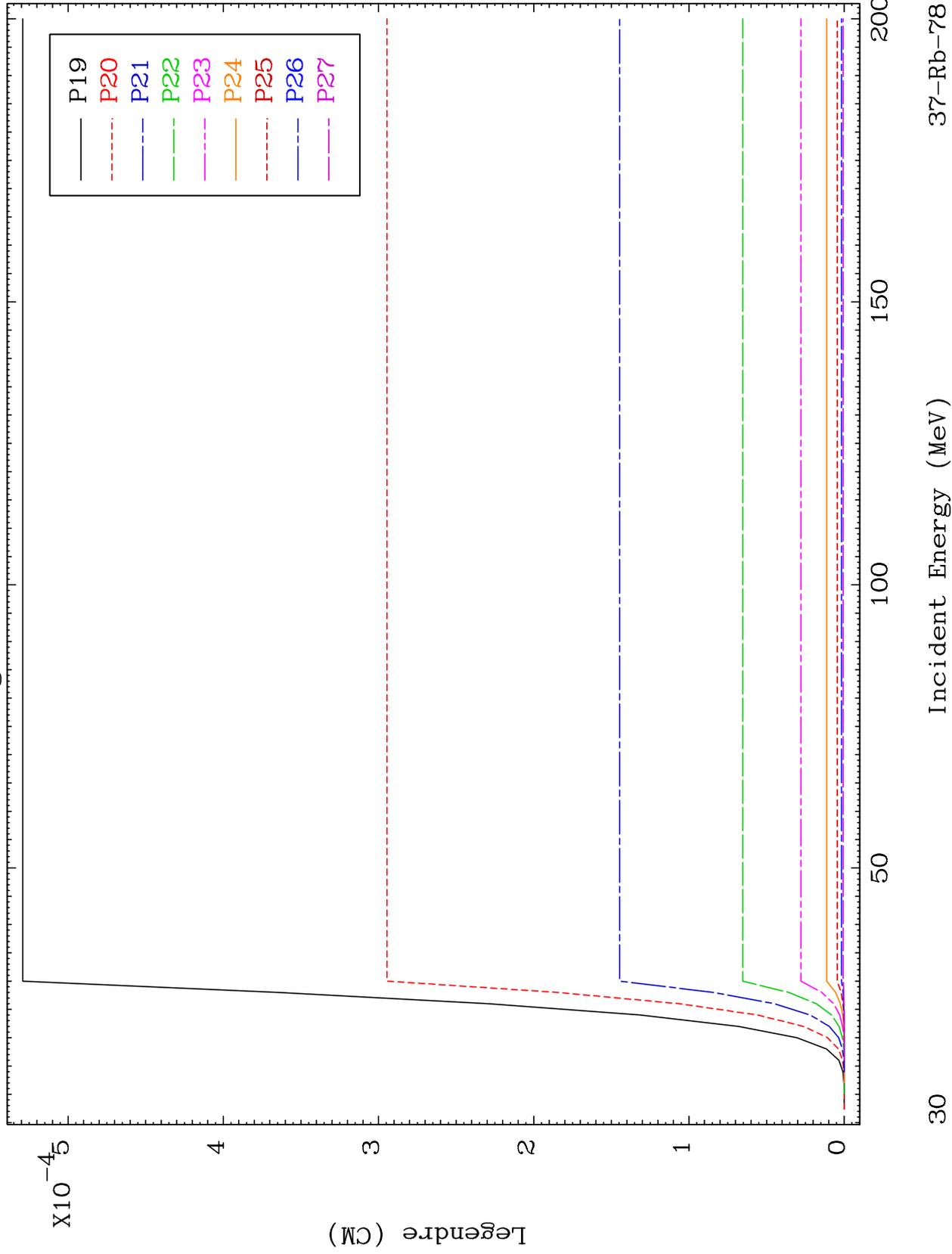
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MAT 3704

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

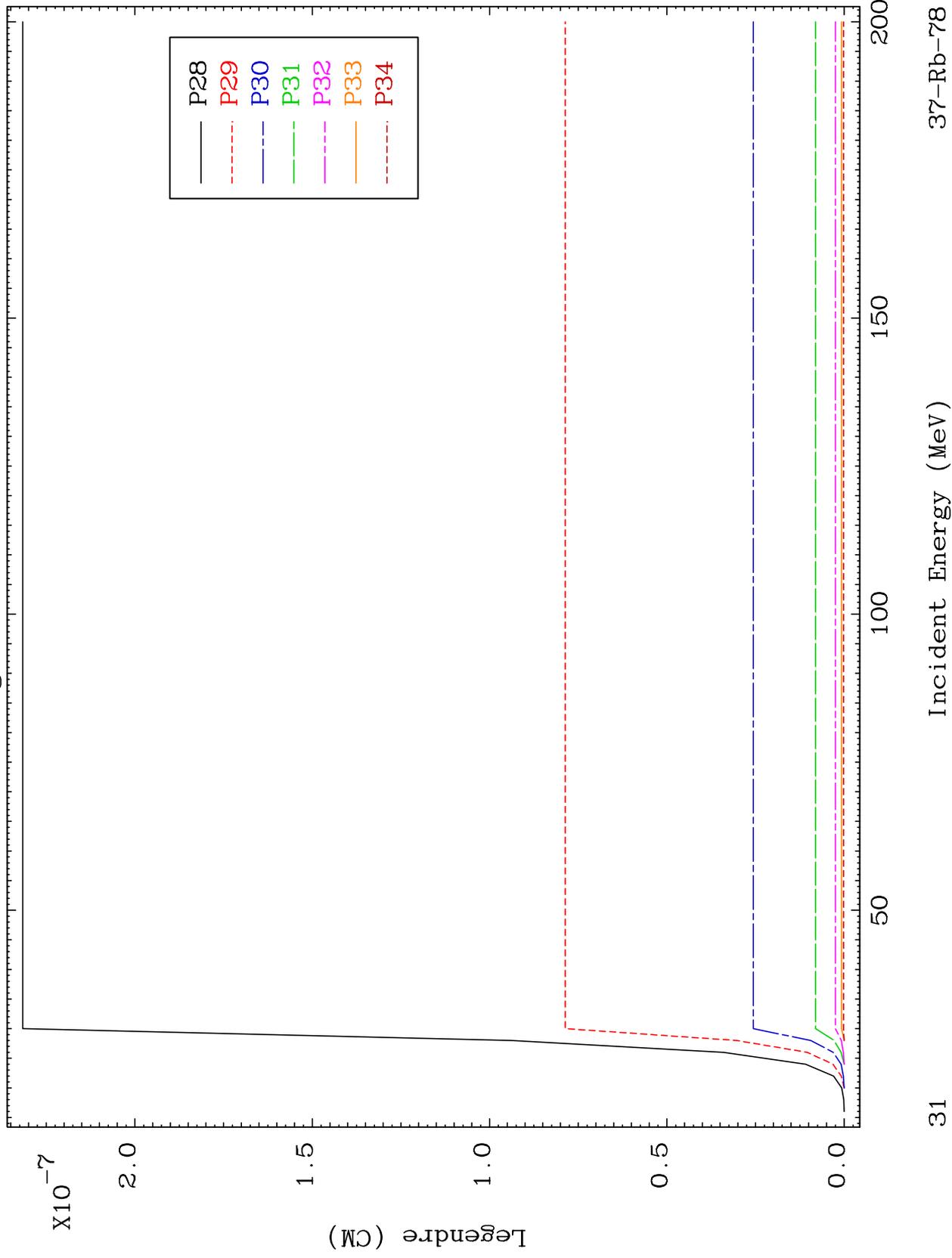
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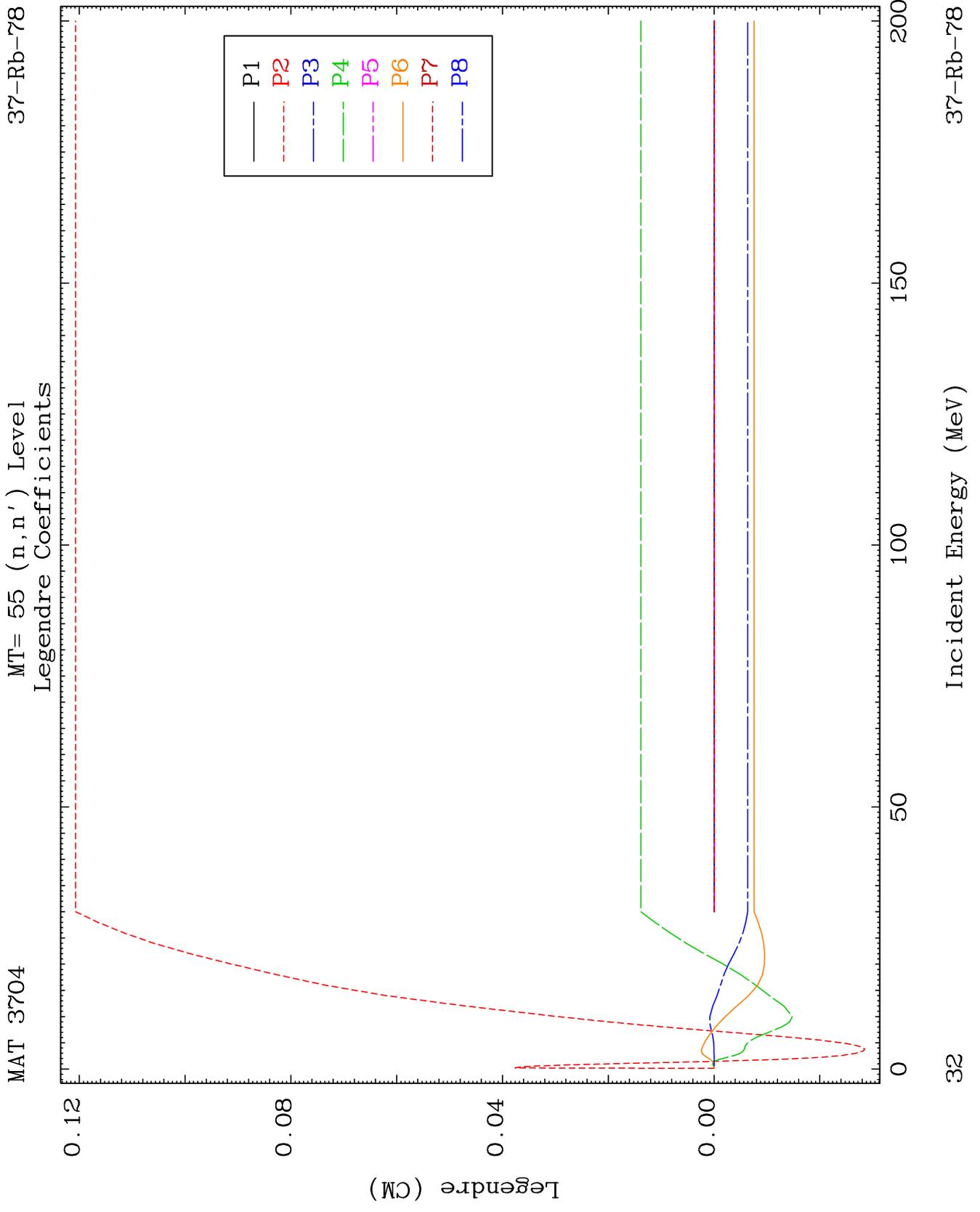
MT= 54 (n,n') Level
Legendre Coefficients

37-Rb-78



31

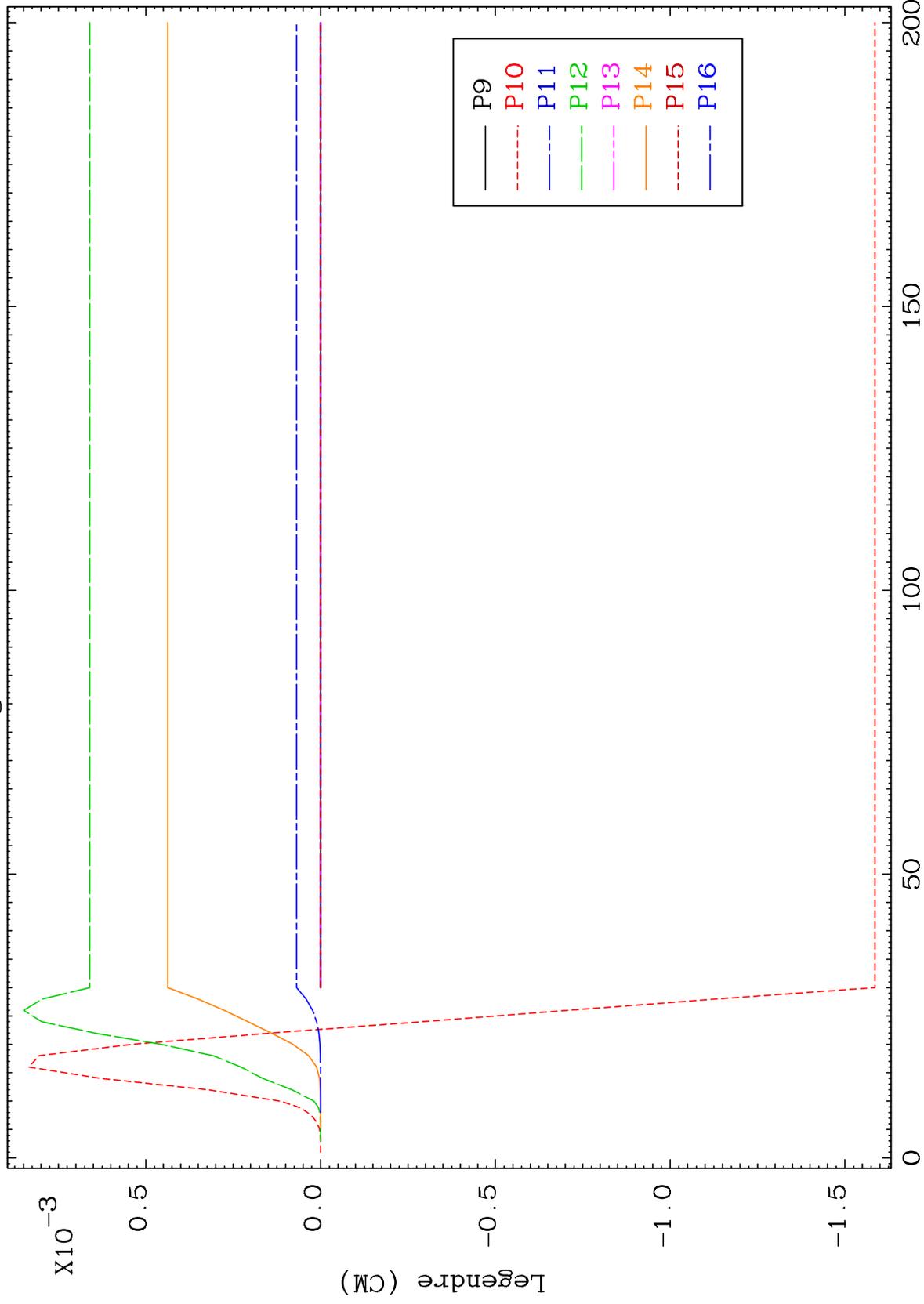
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MAT 3704

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

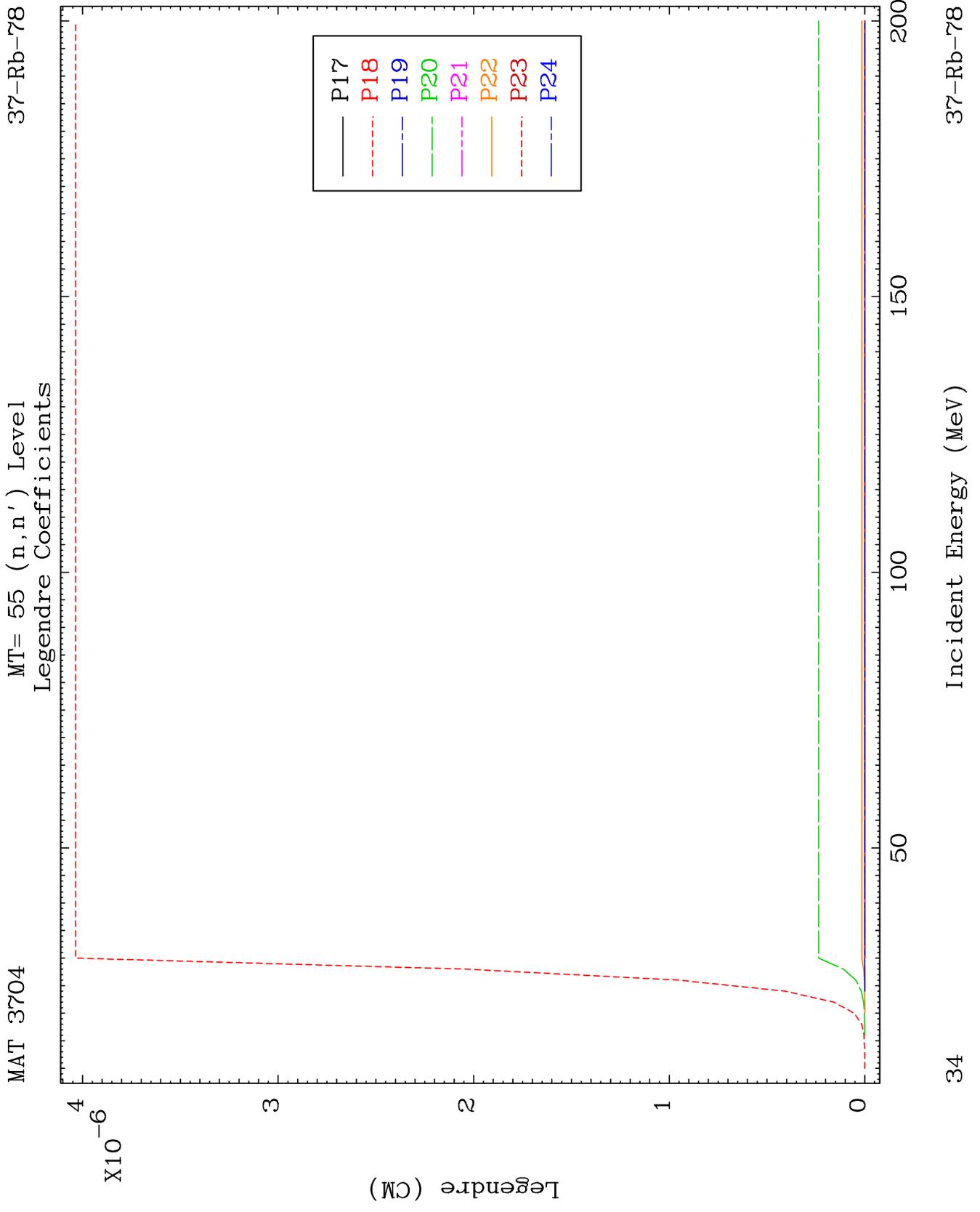
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33

Incident Energy (MeV)

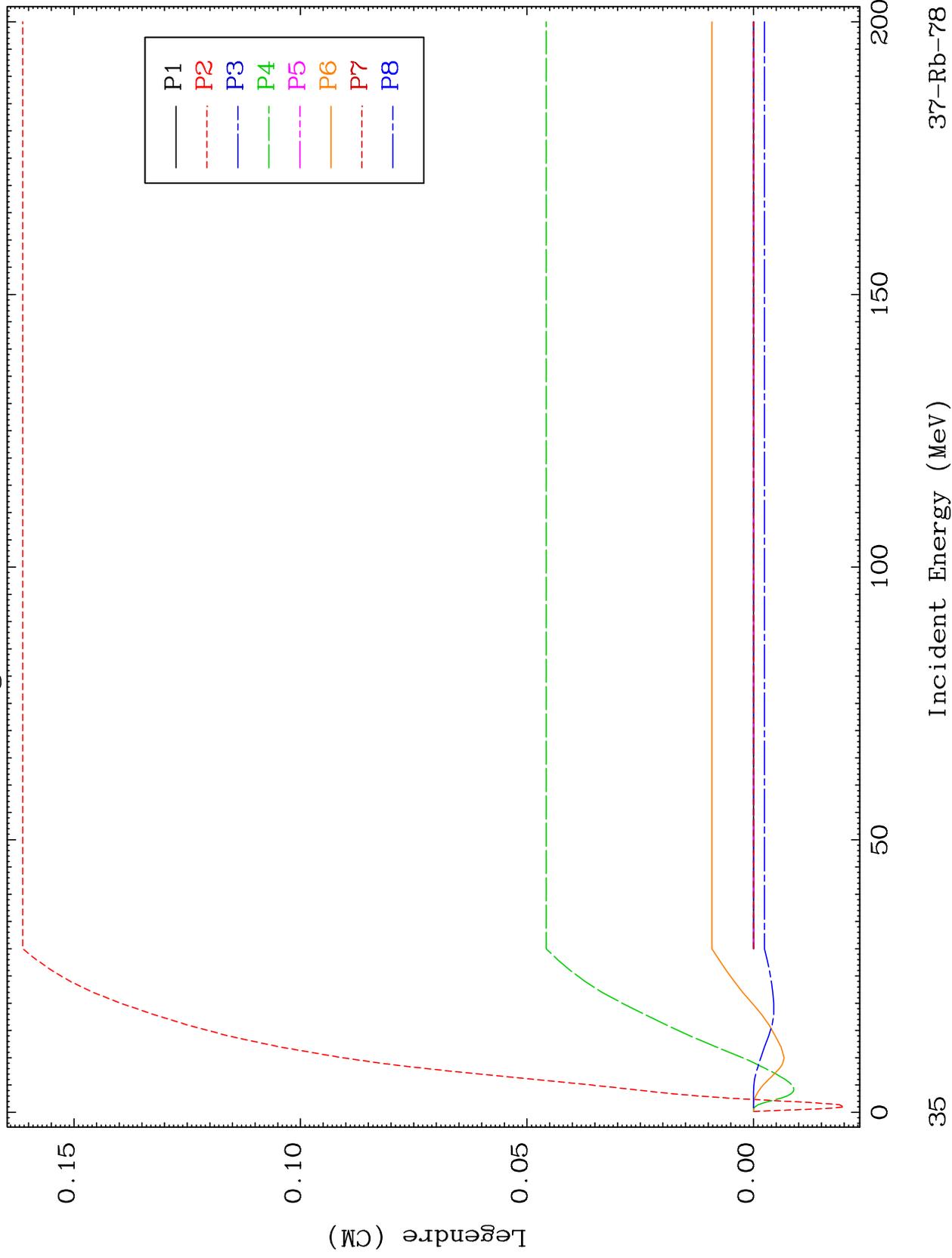
37-Rb-78



MAT 3704

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

37-Rb-78



37-Rb-78

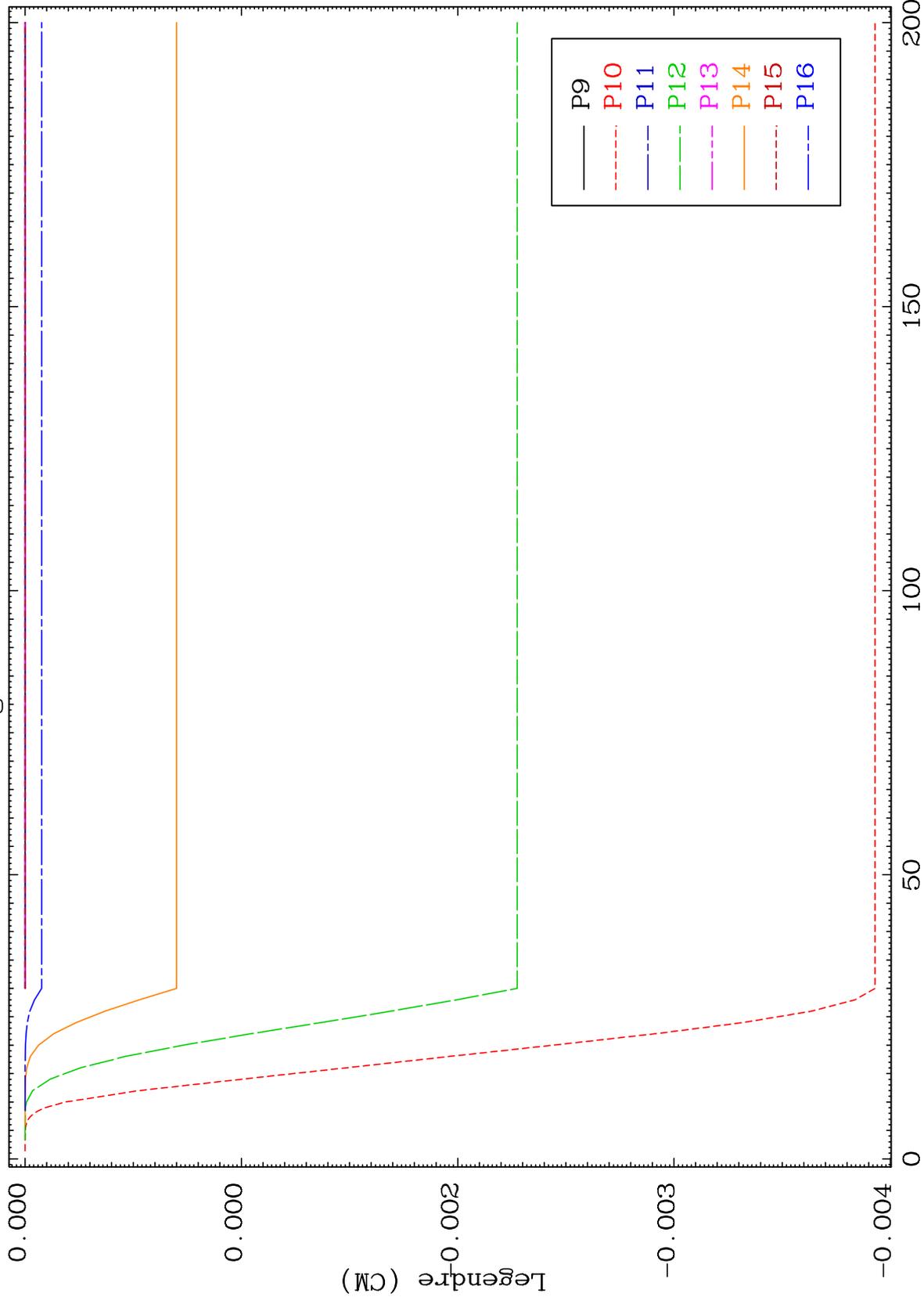
Incident Energy (MeV)

35

MAT 3704

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

37-Rb-78



36

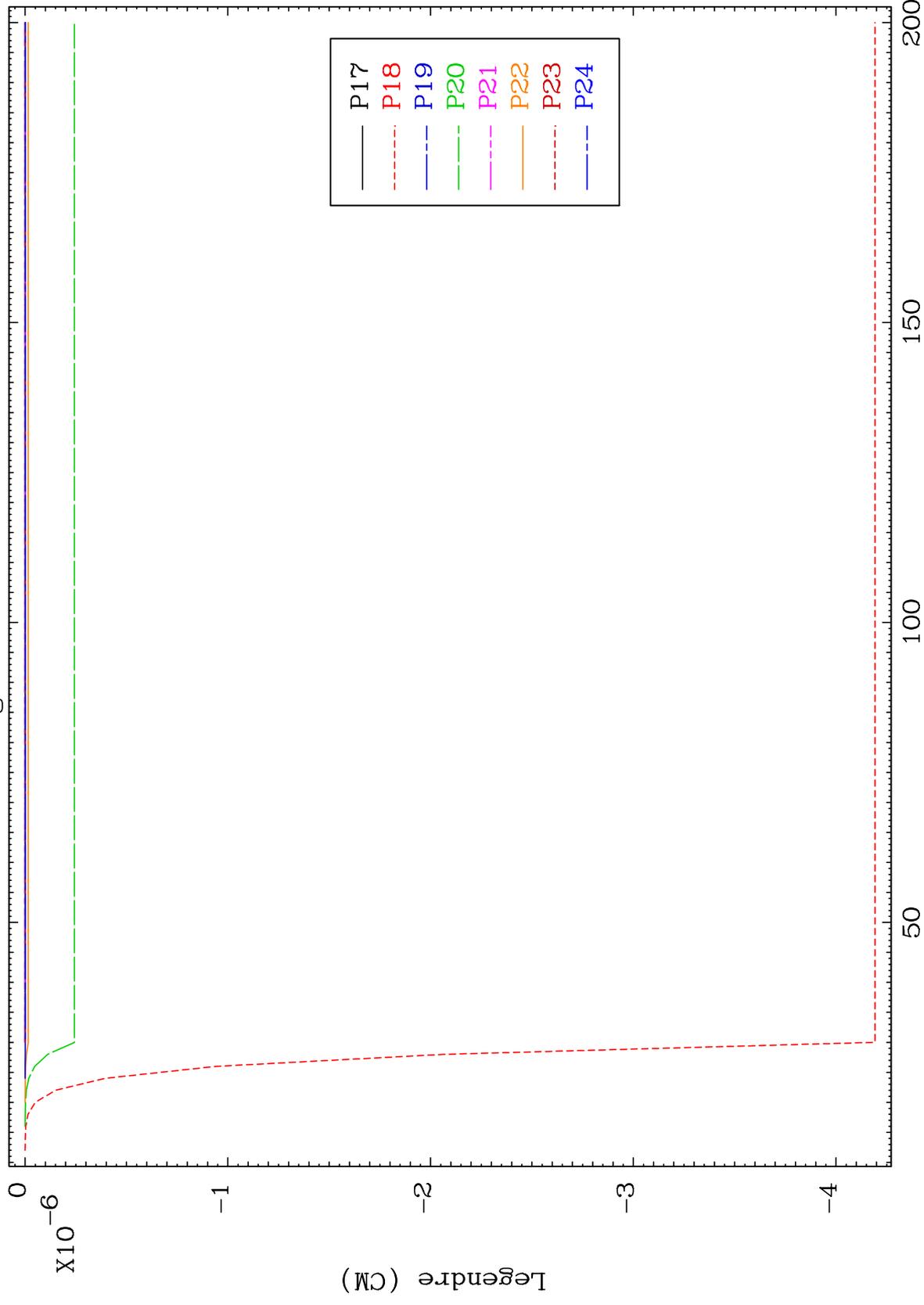
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



37-Rb-78

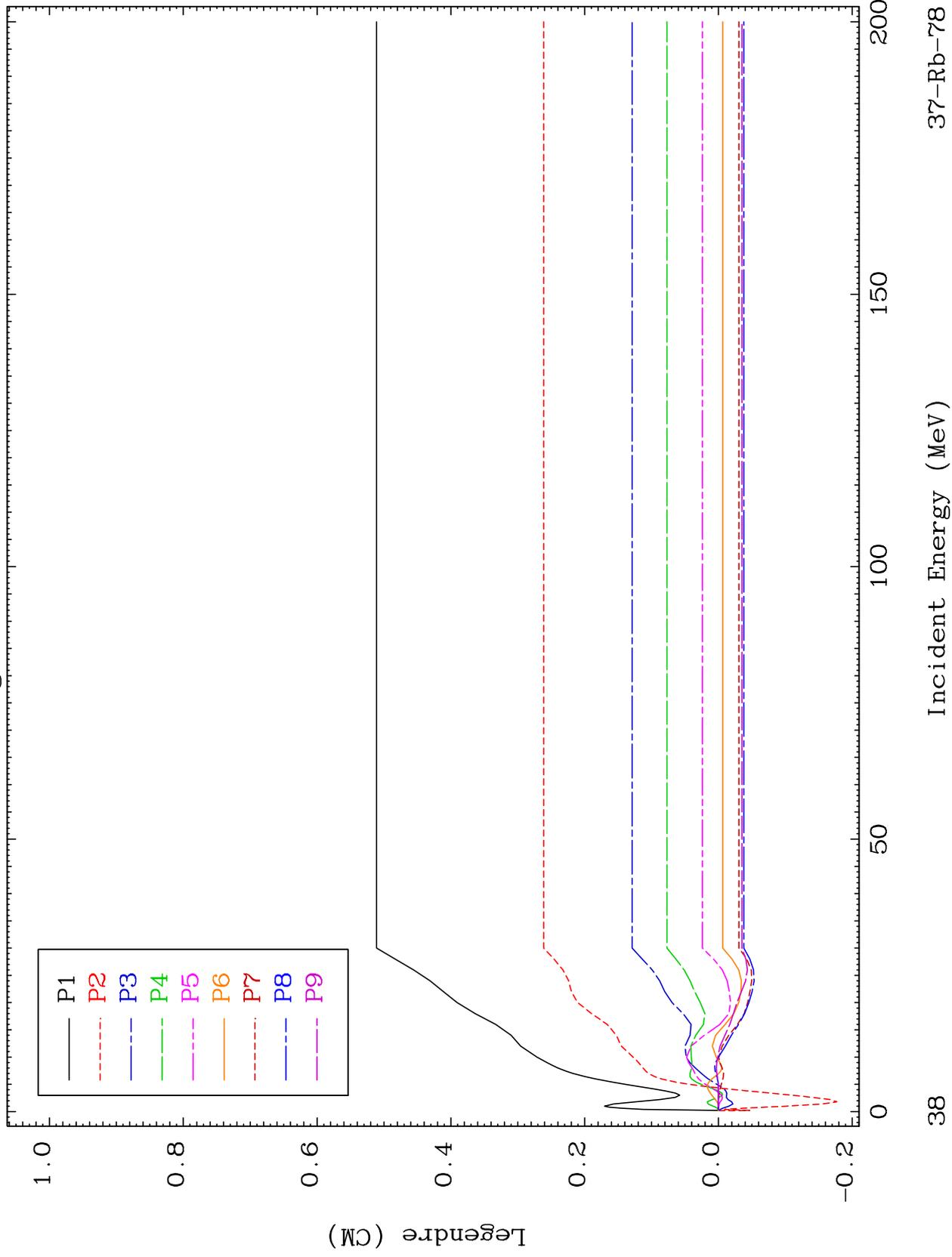
Incident Energy (MeV)

37

MAT 3704

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

37-Rb-78

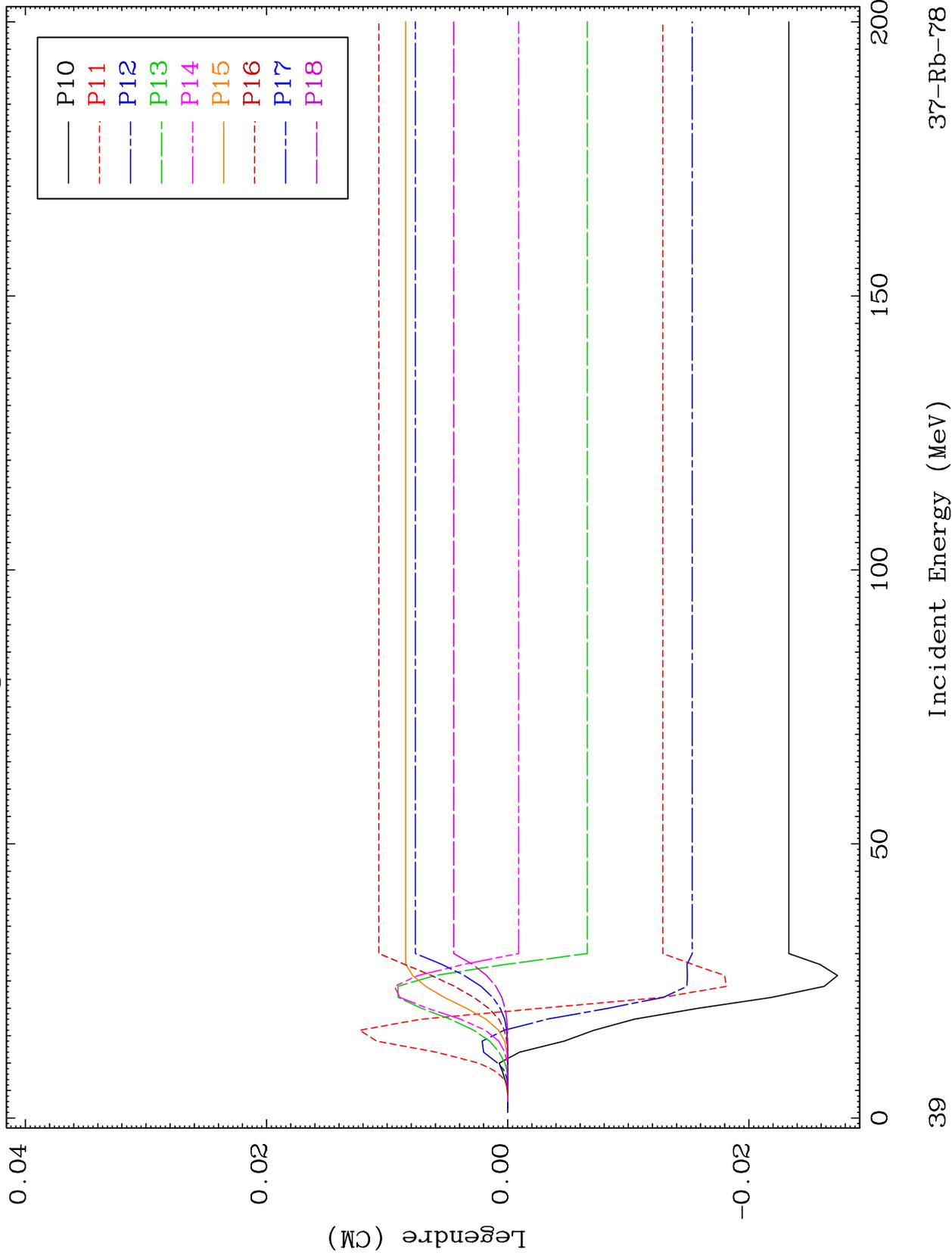


38

MAT 3704

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

37-Rb-78



37-Rb-78

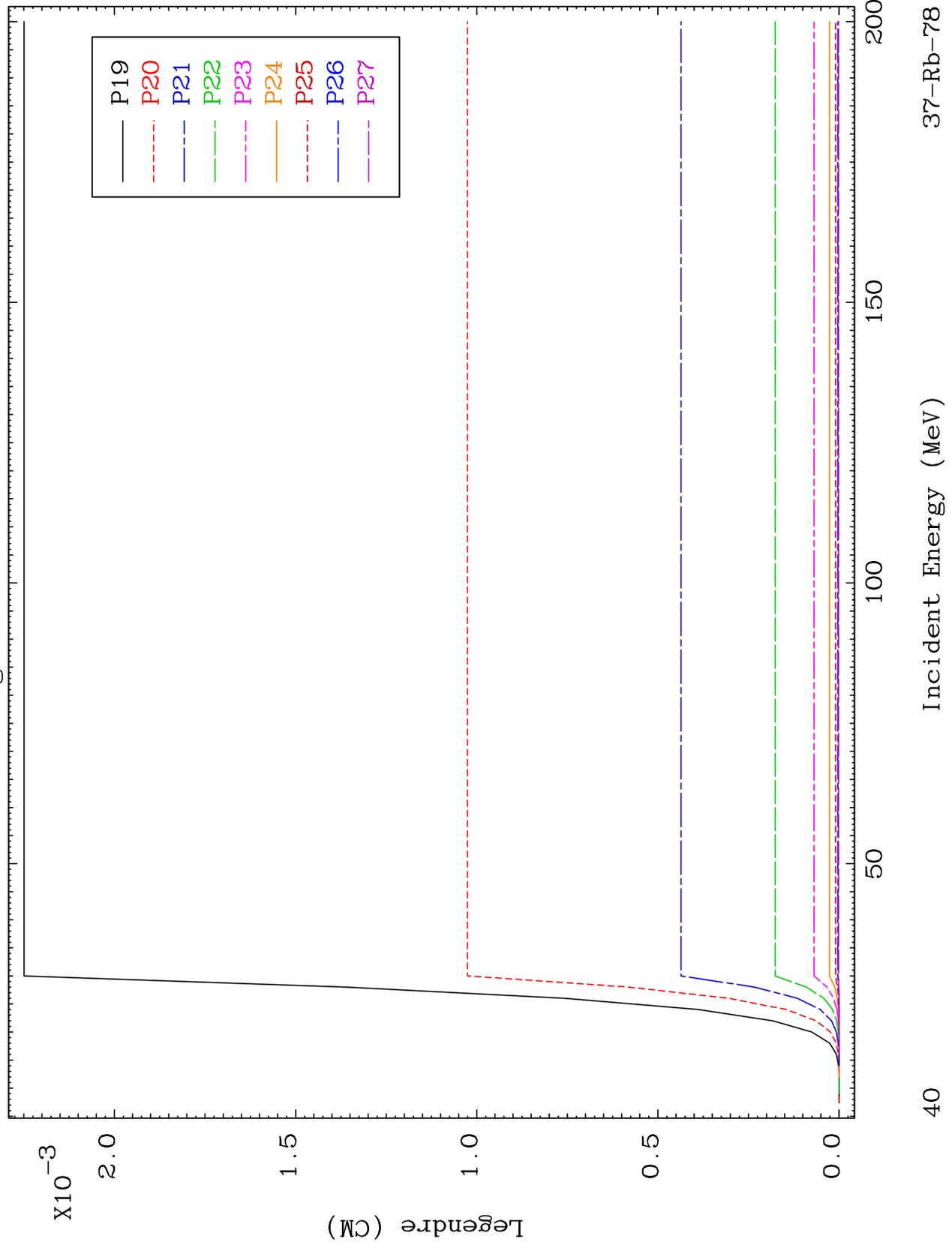
Incident Energy (MeV)

39

MAT 3704

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

37-Rb-78



40

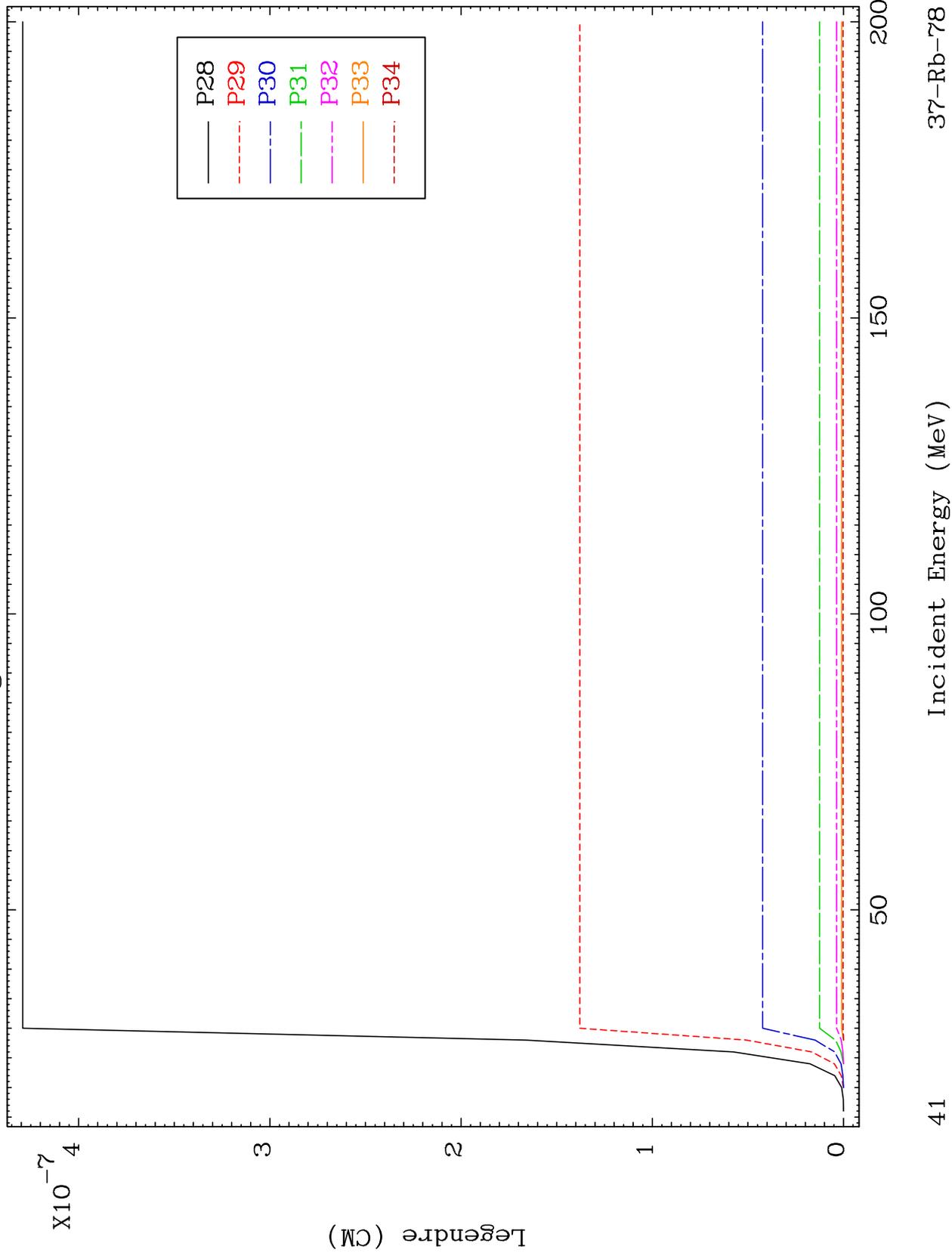
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

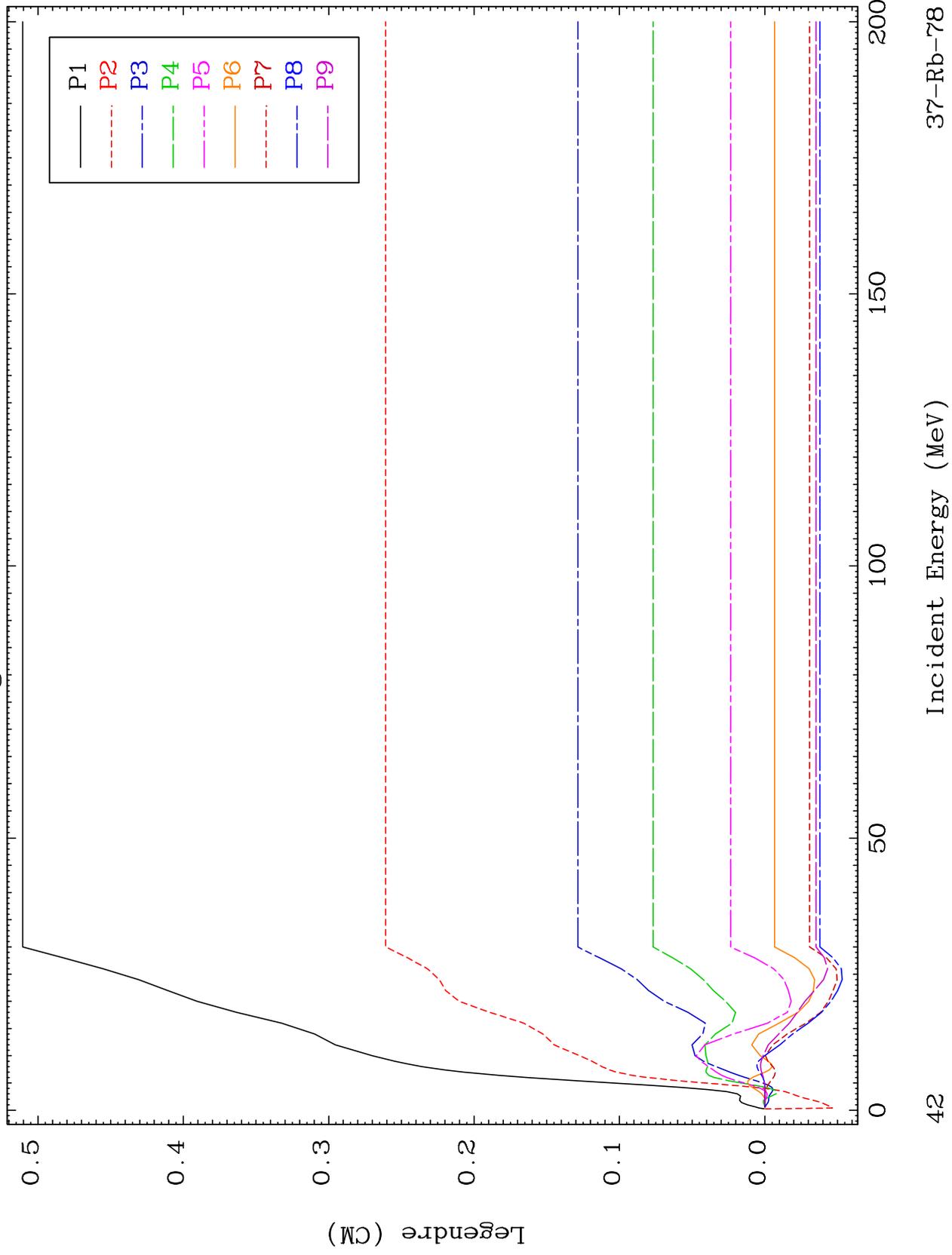
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MAT 3704

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

37-Rb-78



37-Rb-78

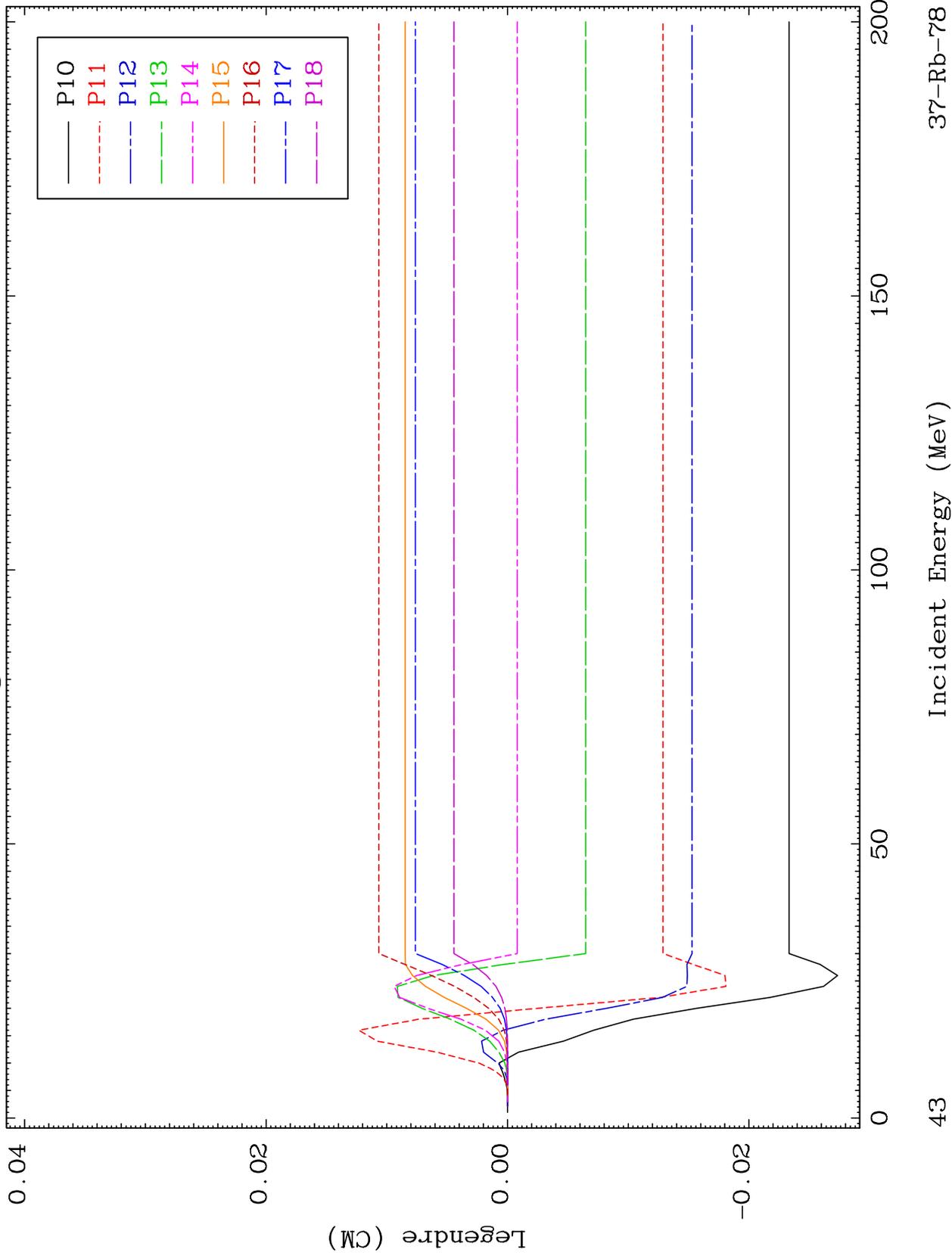
Incident Energy (MeV)

42

MAT 3704

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

37-Rb-78



37-Rb-78

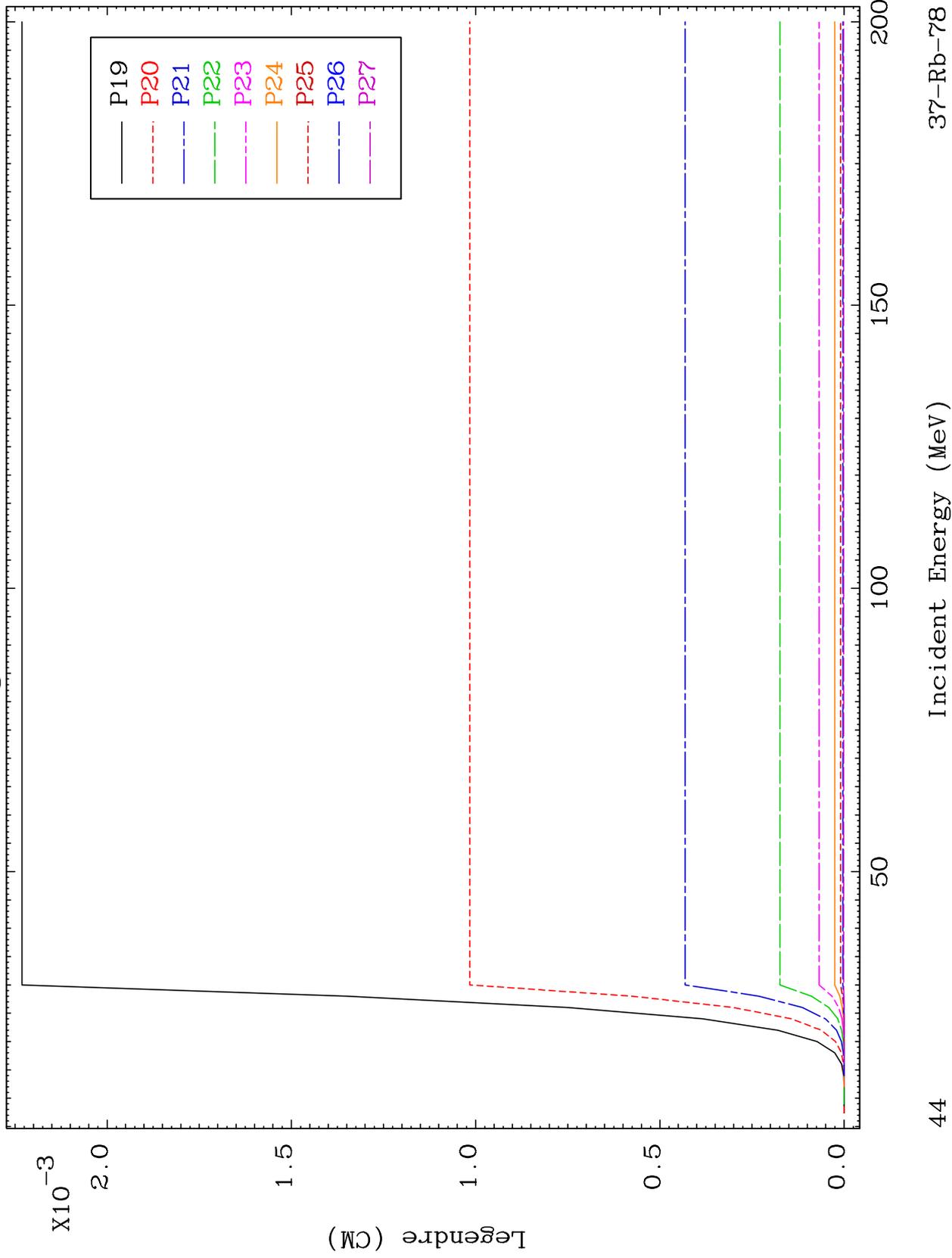
Incident Energy (MeV)

43

MAT 3704

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

37-Rb-78



44

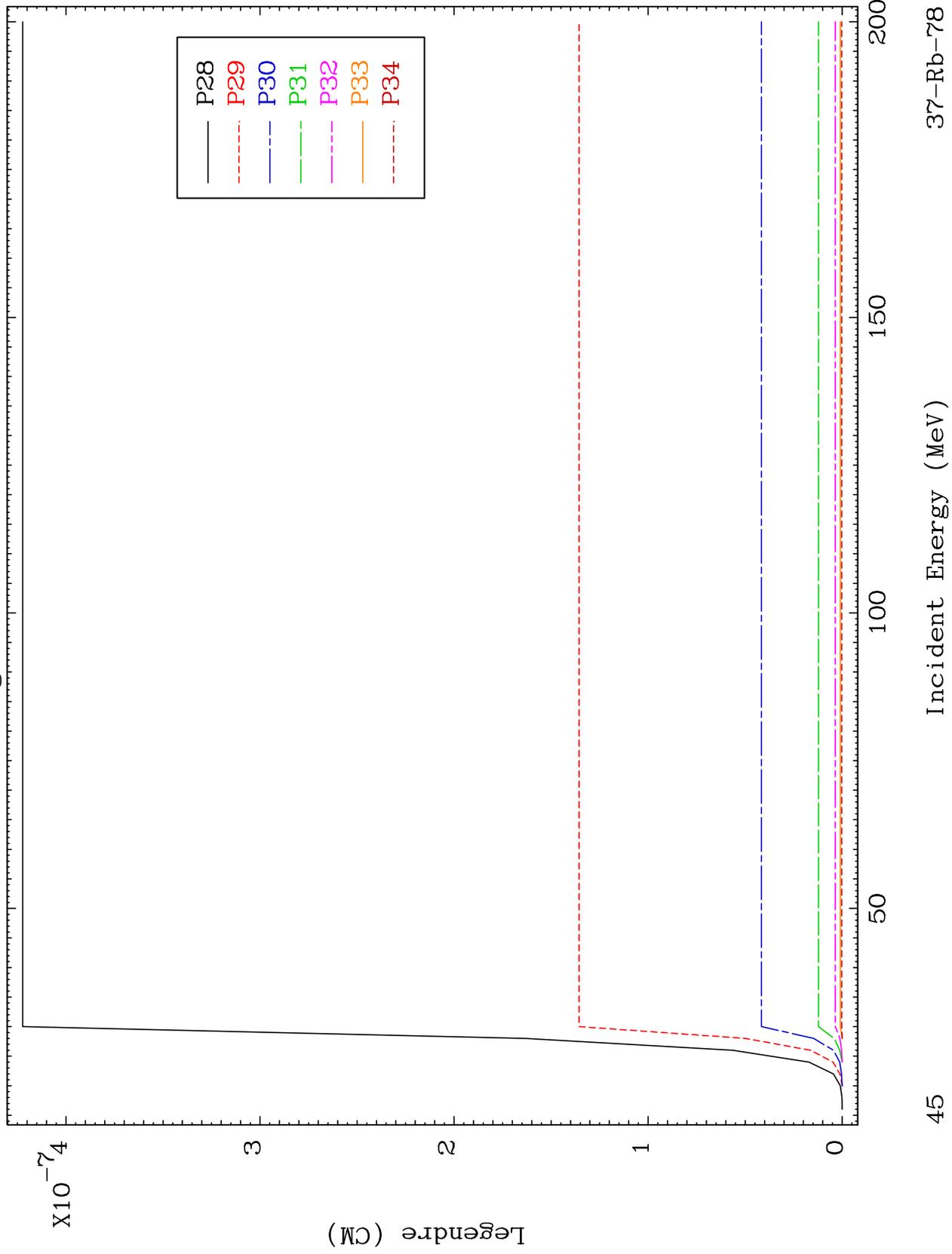
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

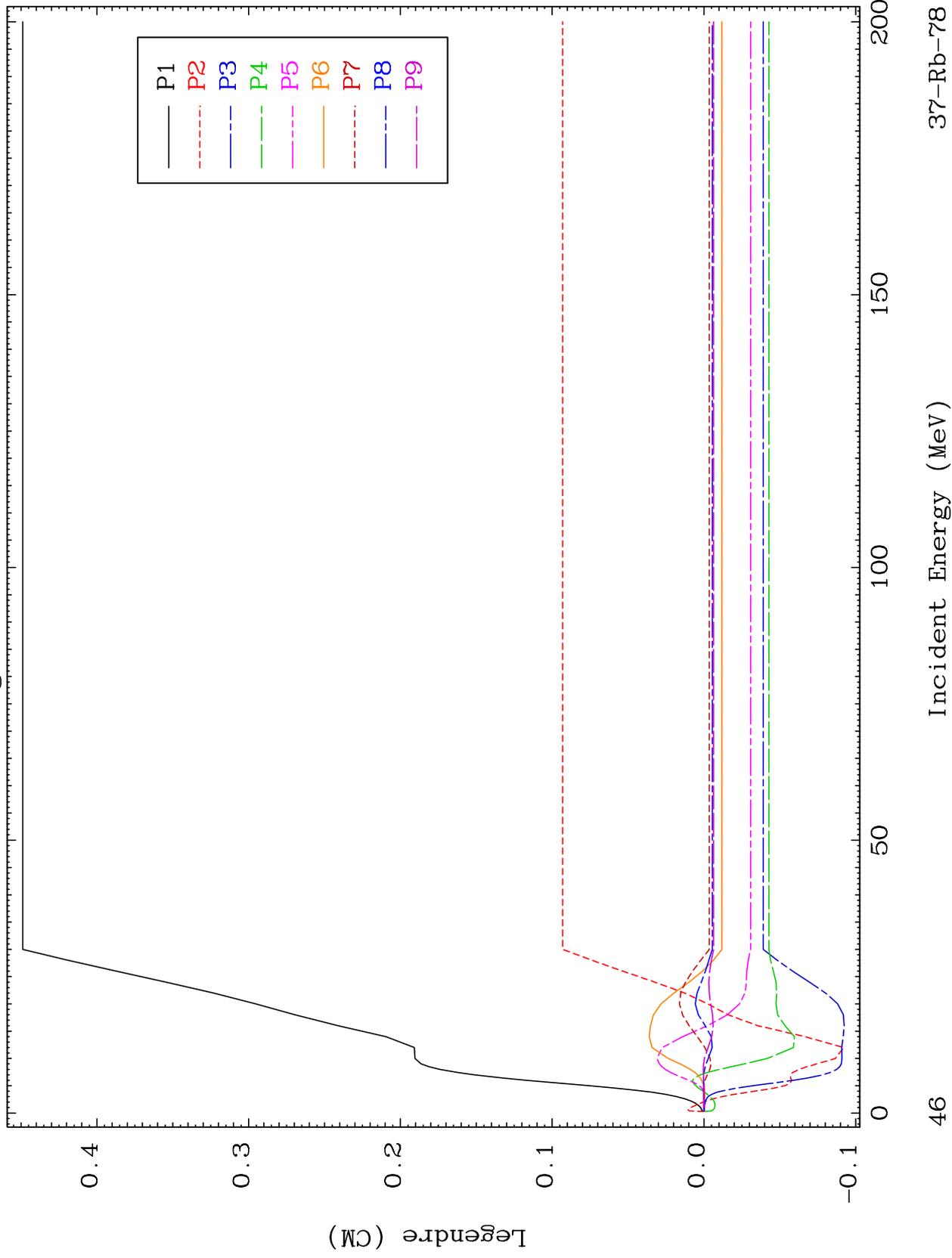
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MAT 3704

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

37-Rb-78



37-Rb-78

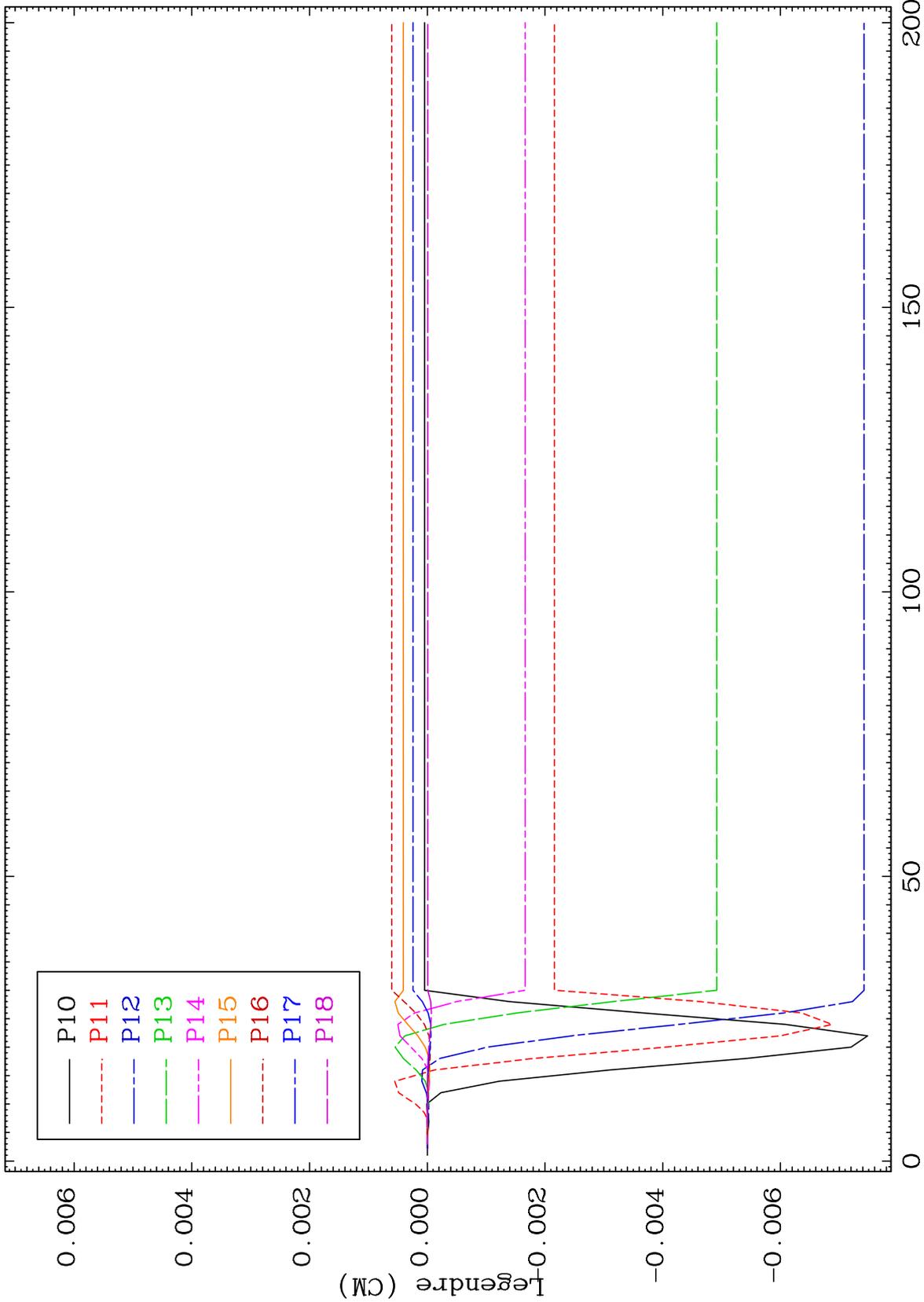
Incident Energy (MeV)

46

MAT 3704

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

37-Rb-78



47

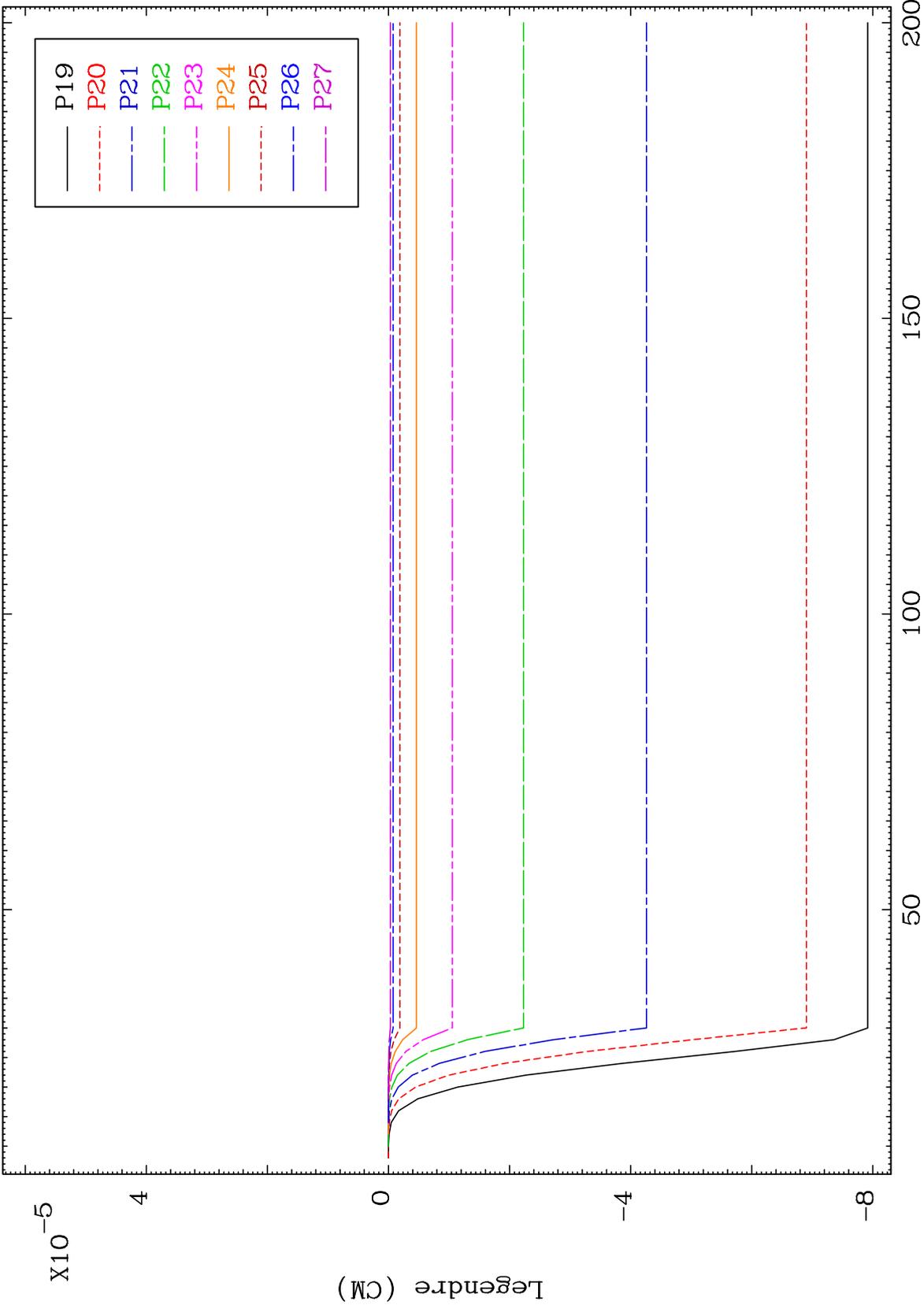
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

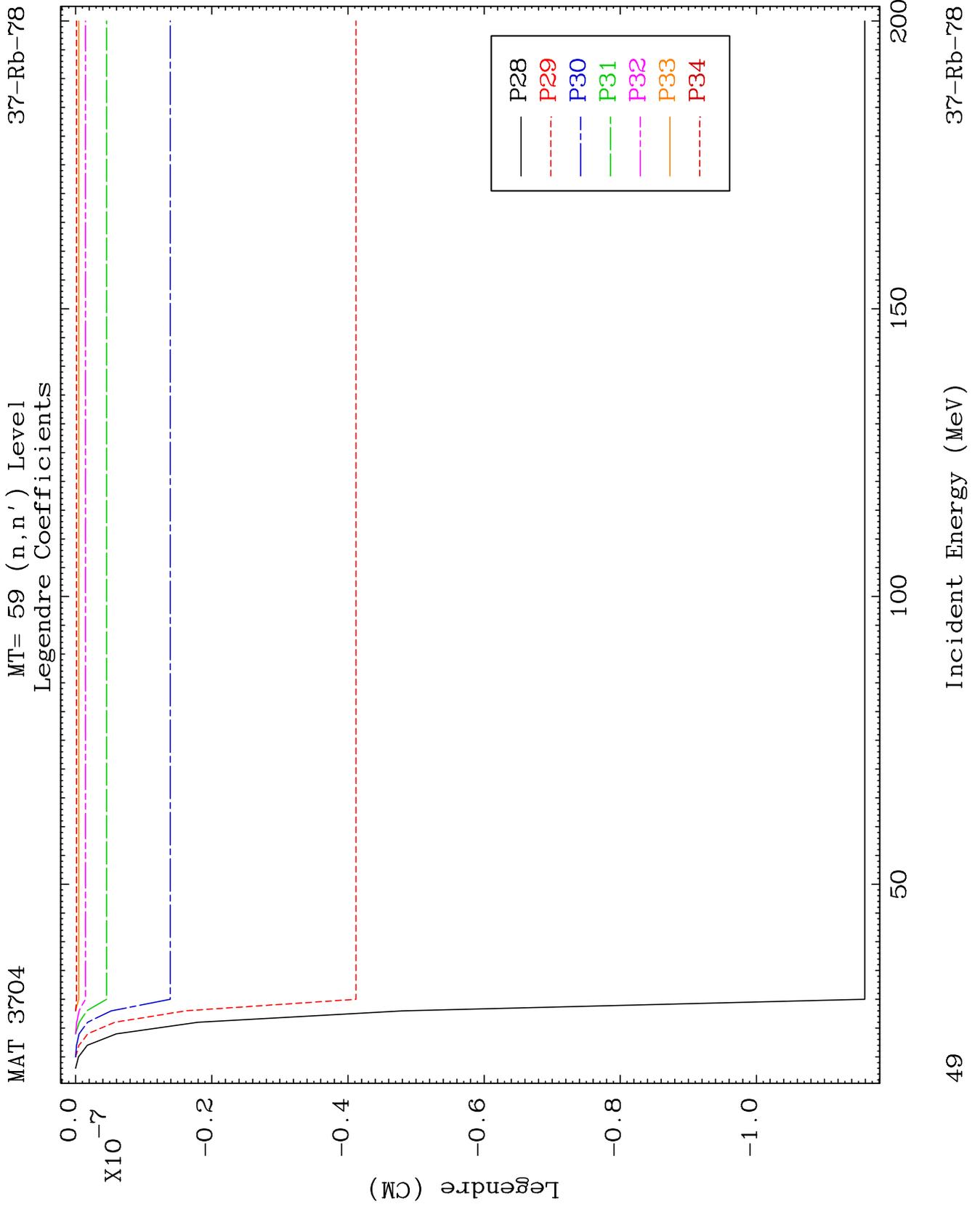
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48

Incident Energy (MeV)

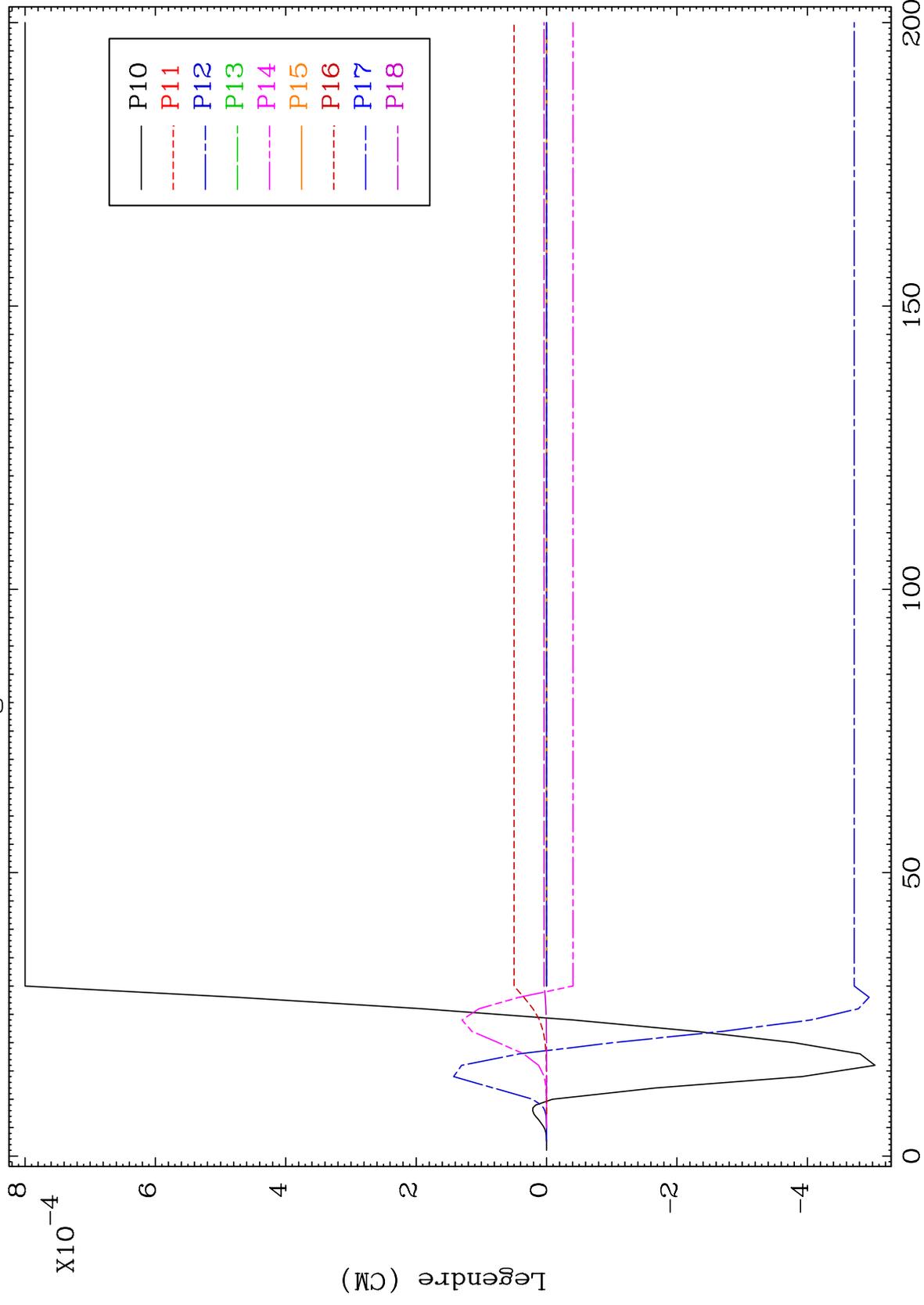
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MAT 3704

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

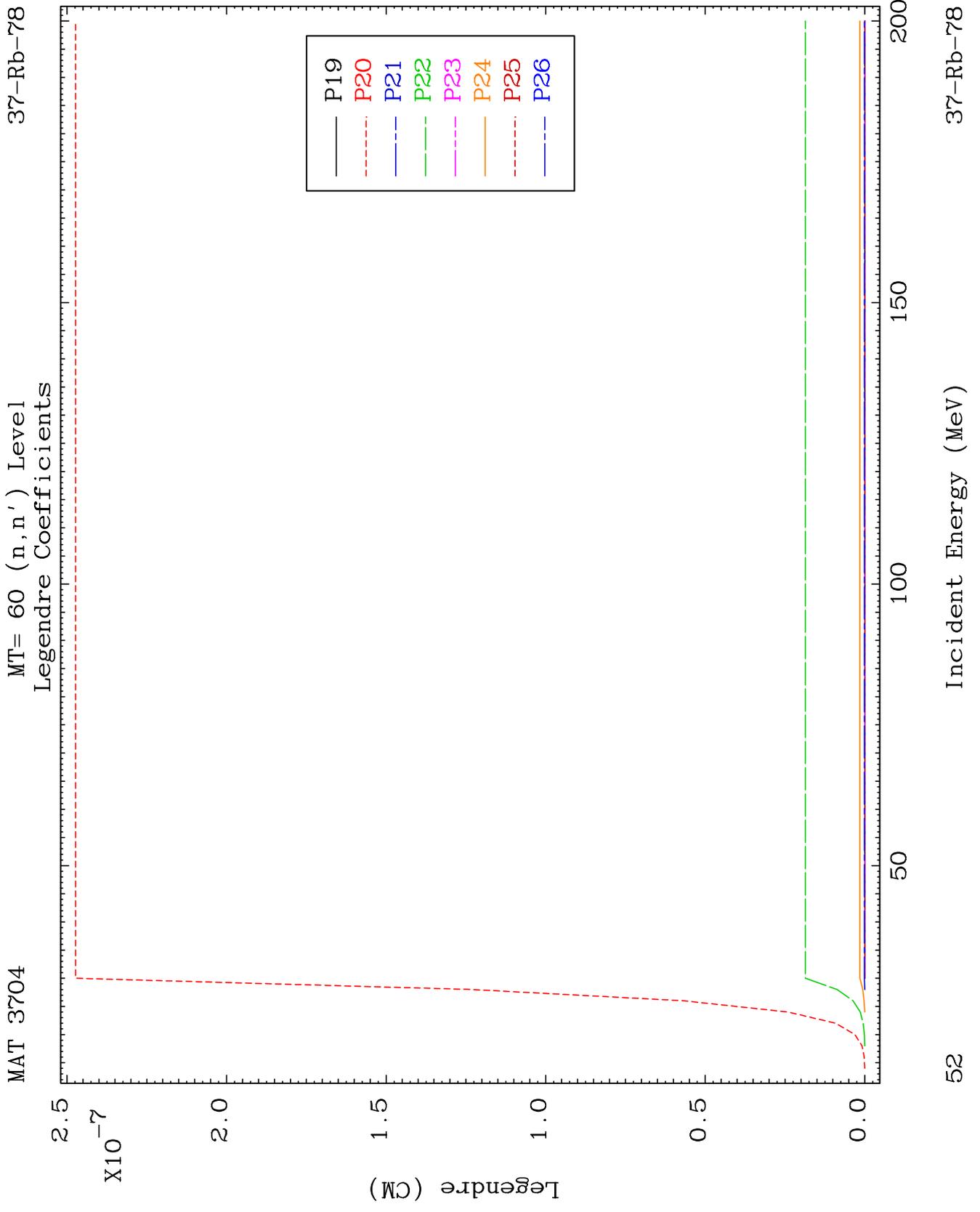
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51

Incident Energy (MeV)

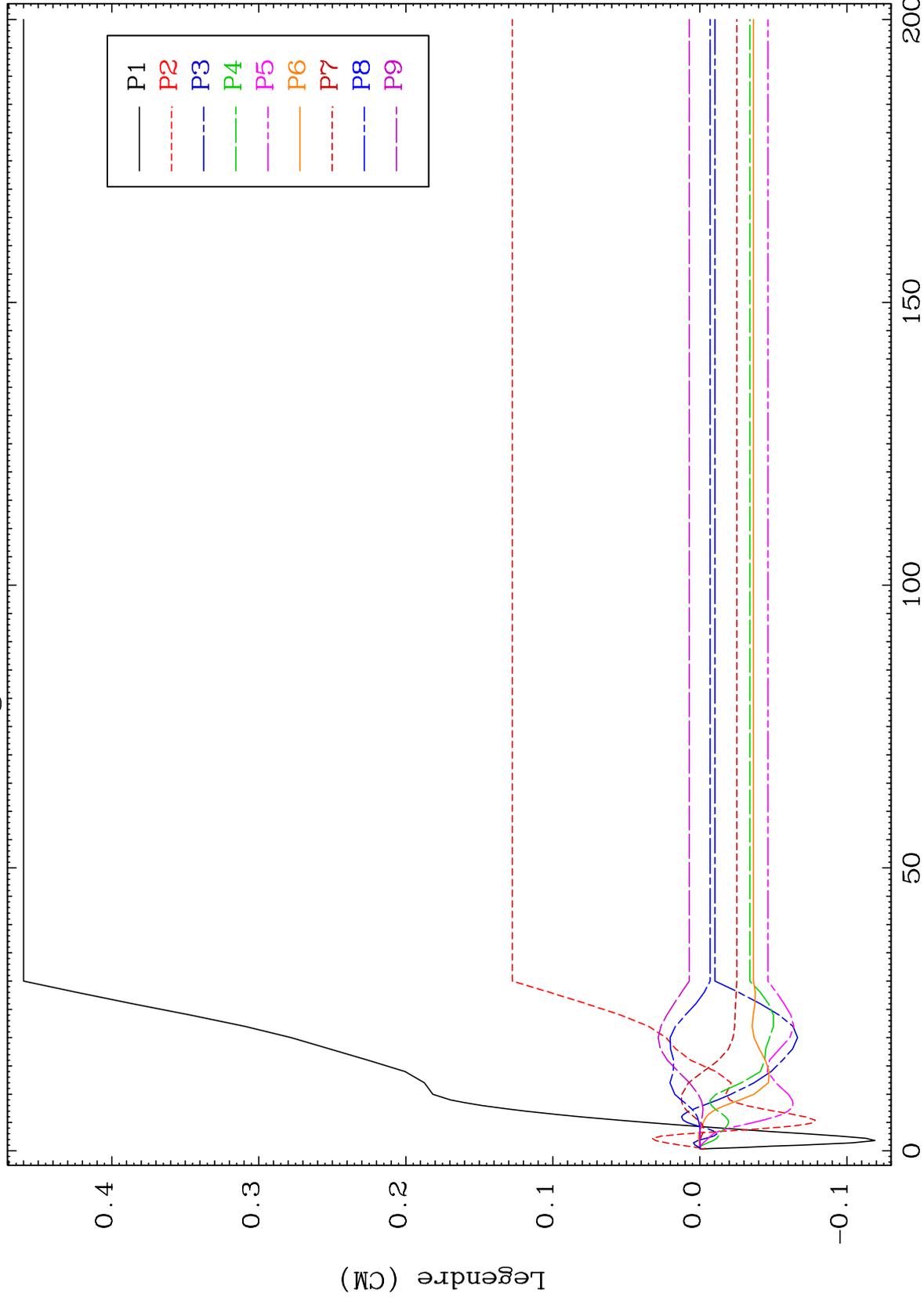
37-Rb-78



MAT 3704

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

37-Rb-78



53

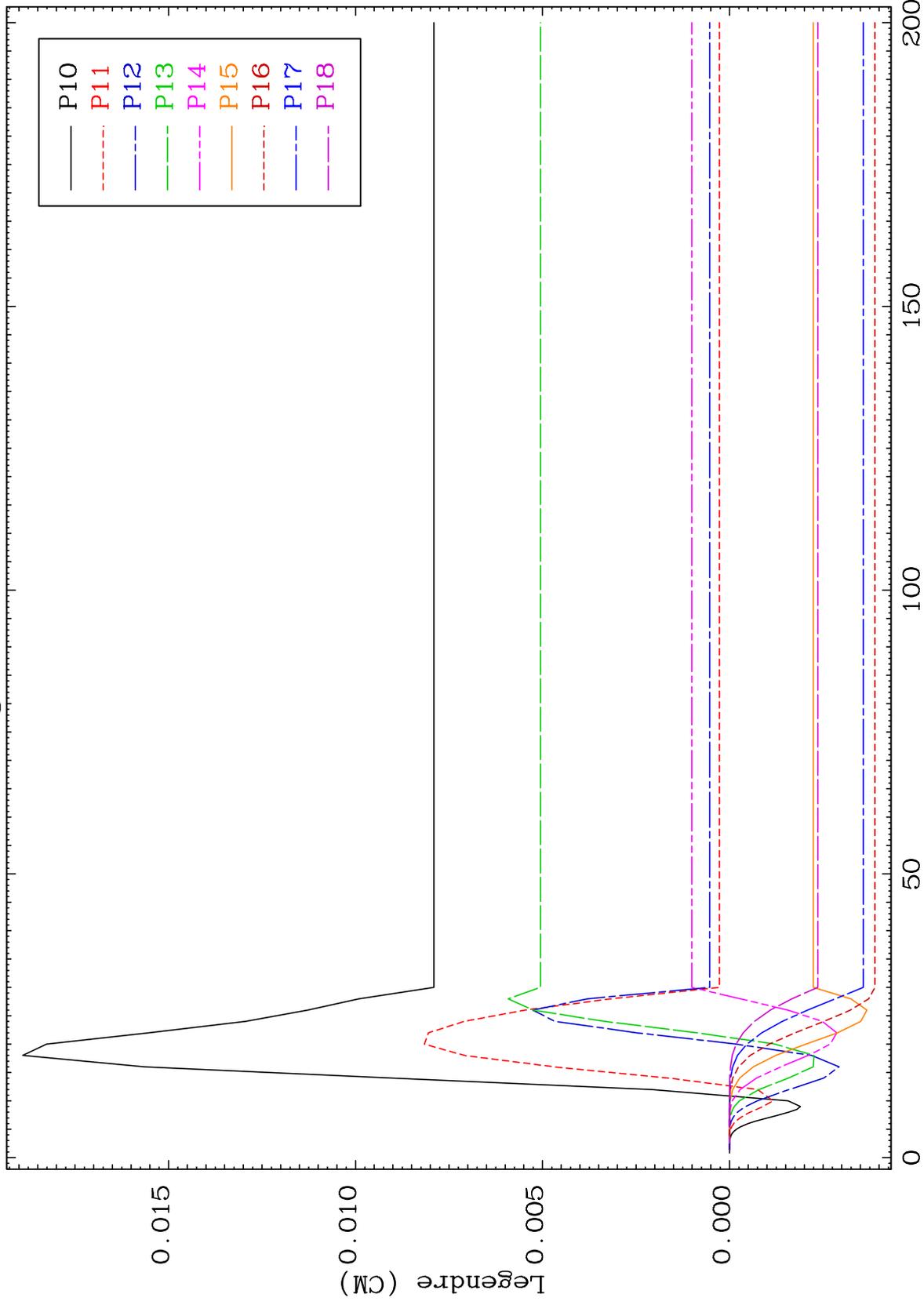
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

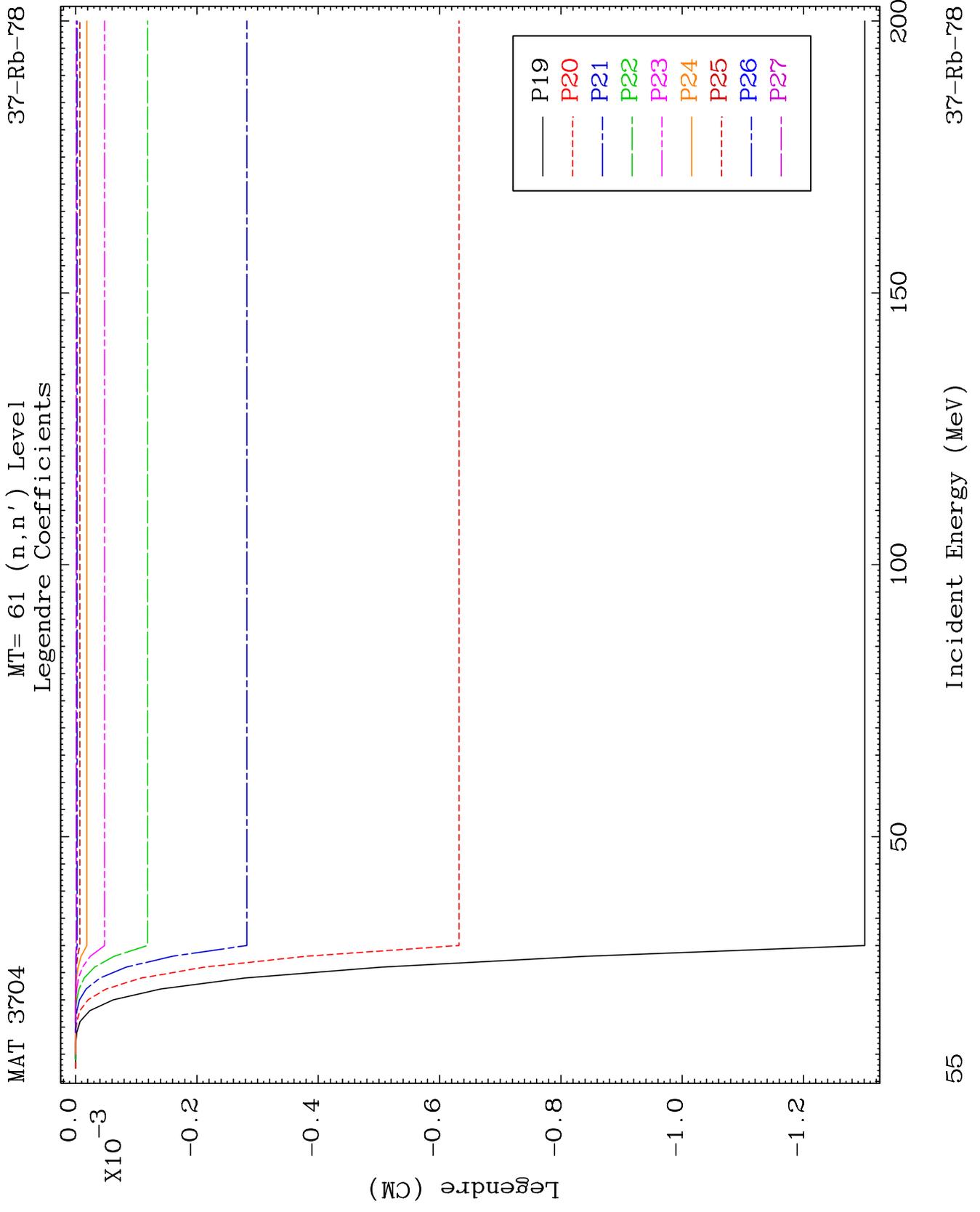
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54

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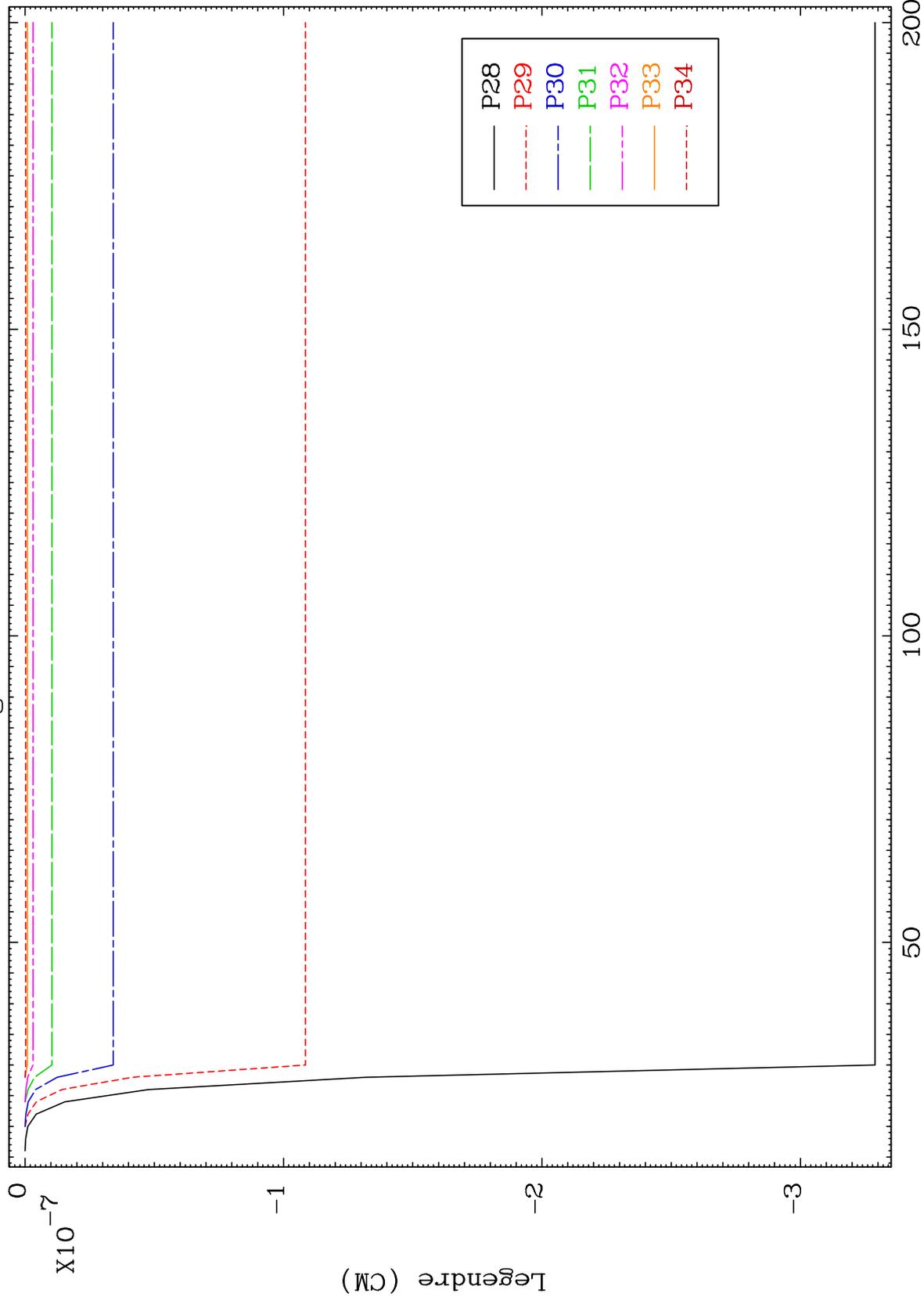
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MAT 3704

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

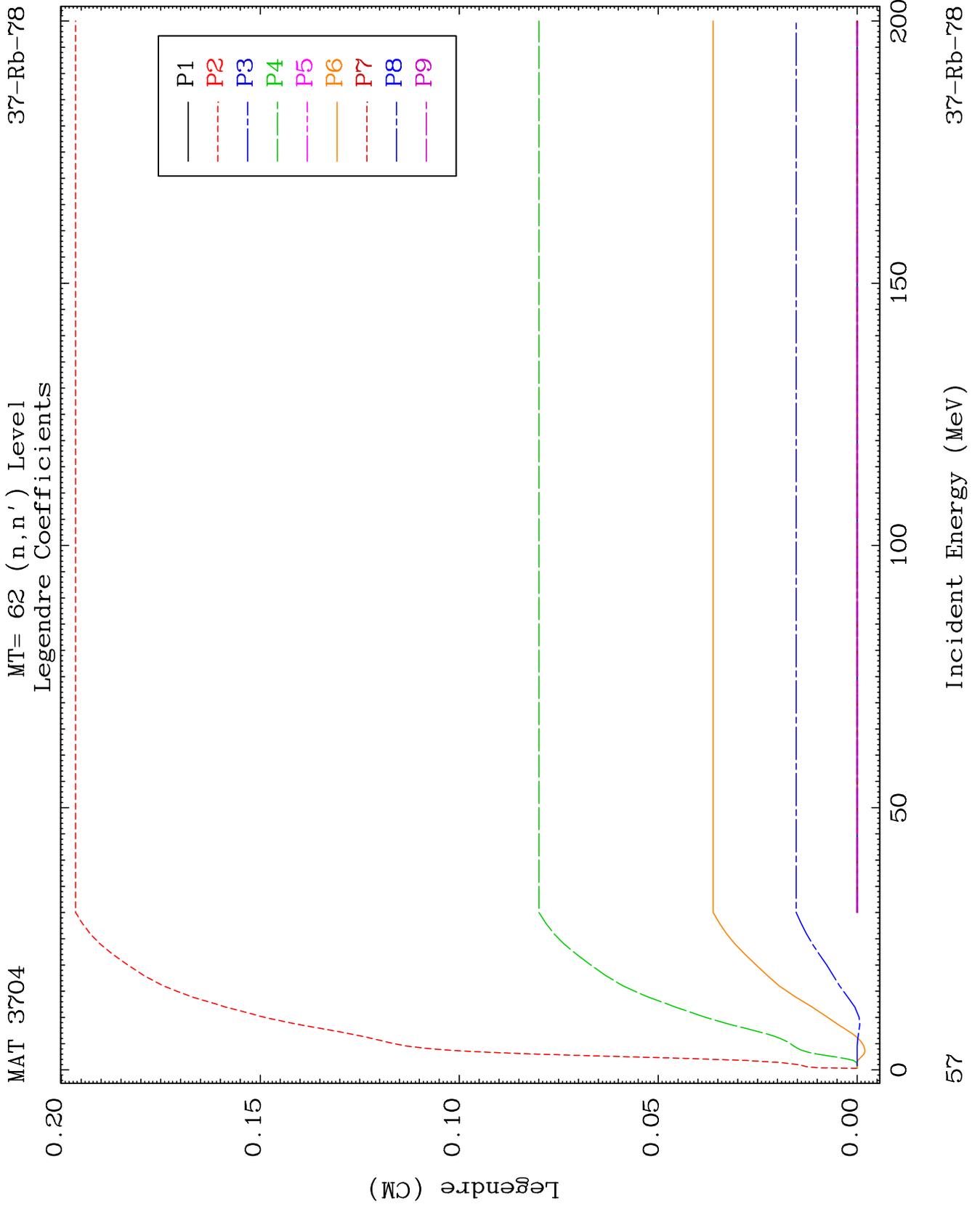
37-Rb-78



56

Incident Energy (MeV)

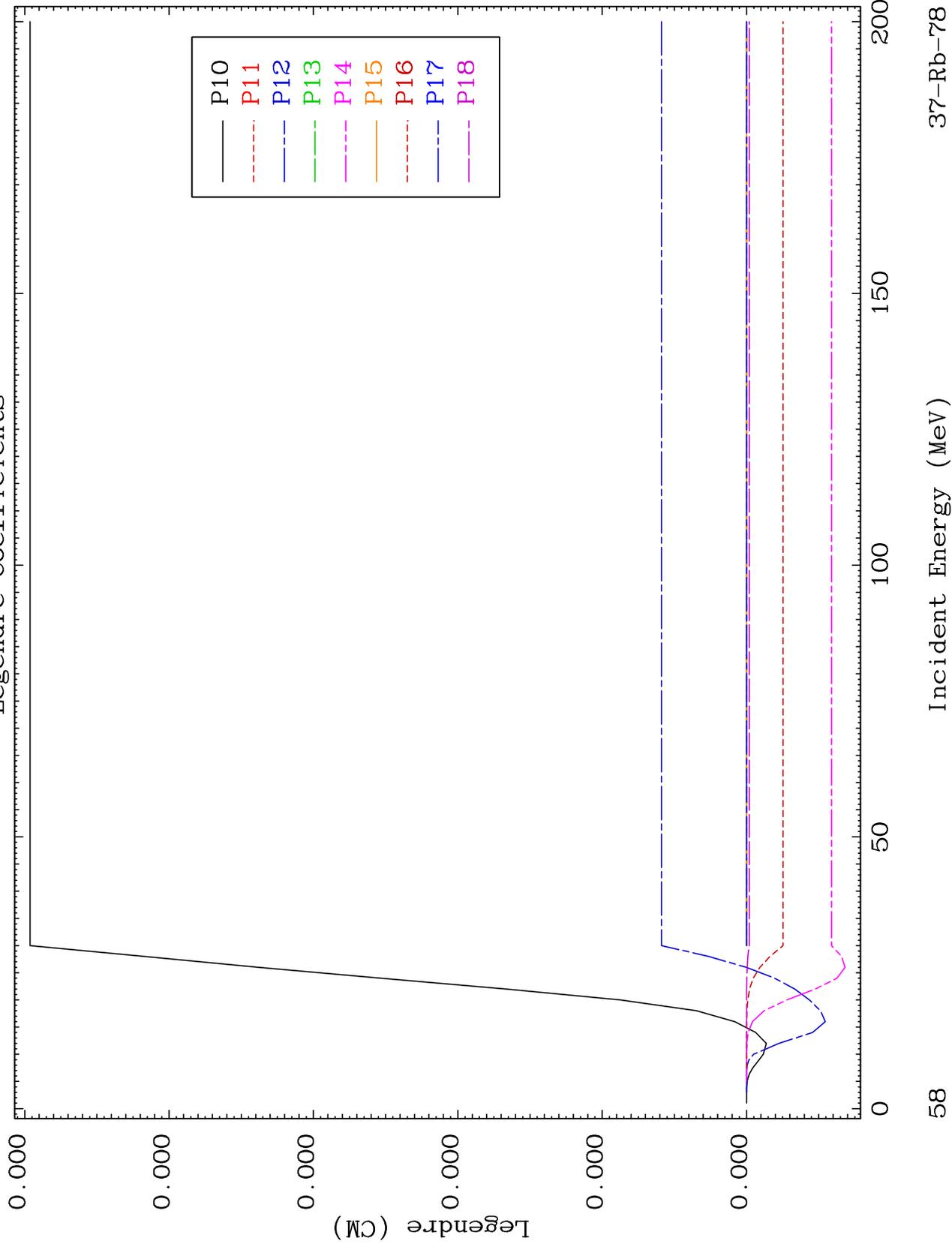
37-Rb-78



MAT 3704

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

37-Rb-78



58

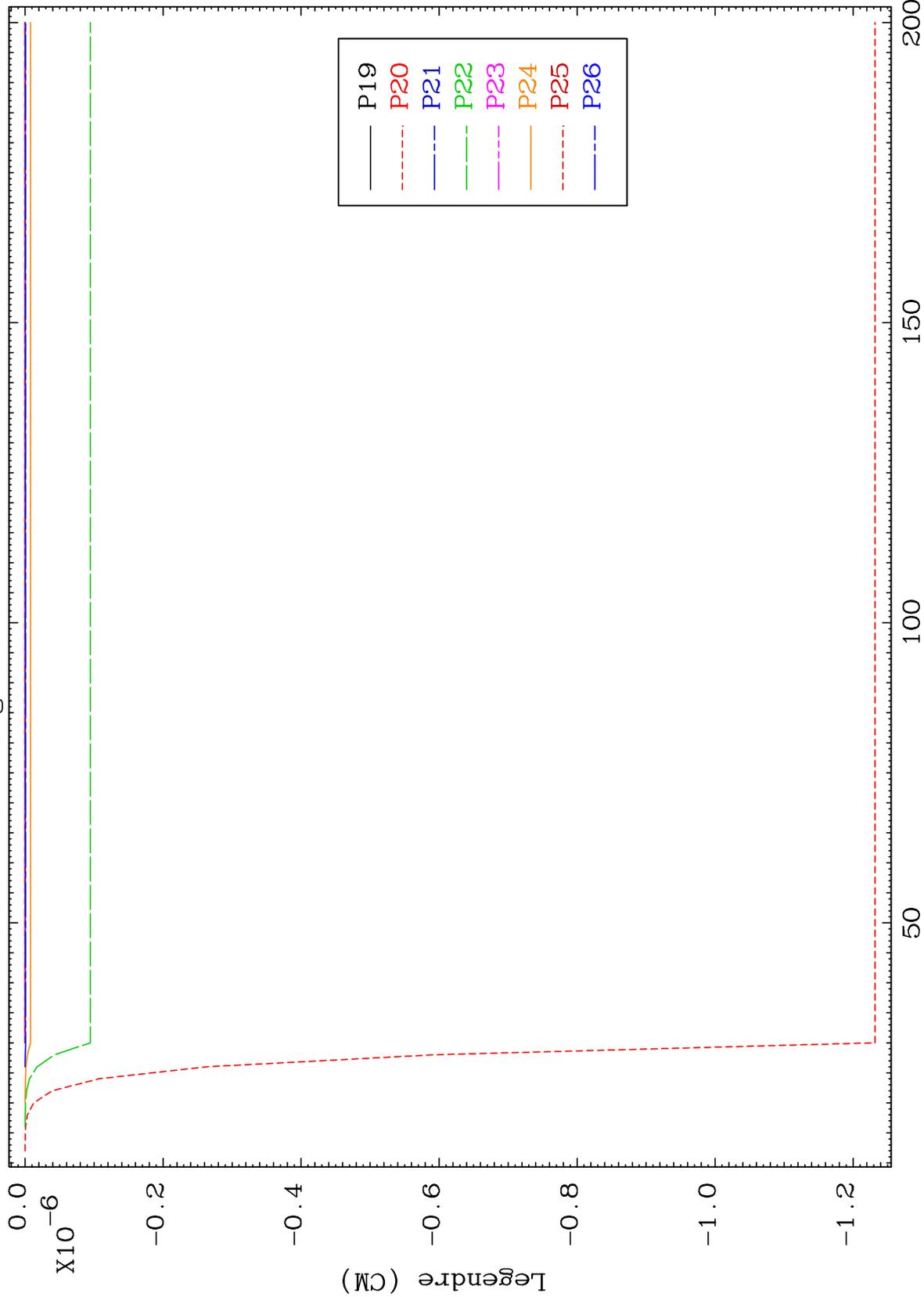
Incident Energy (MeV)

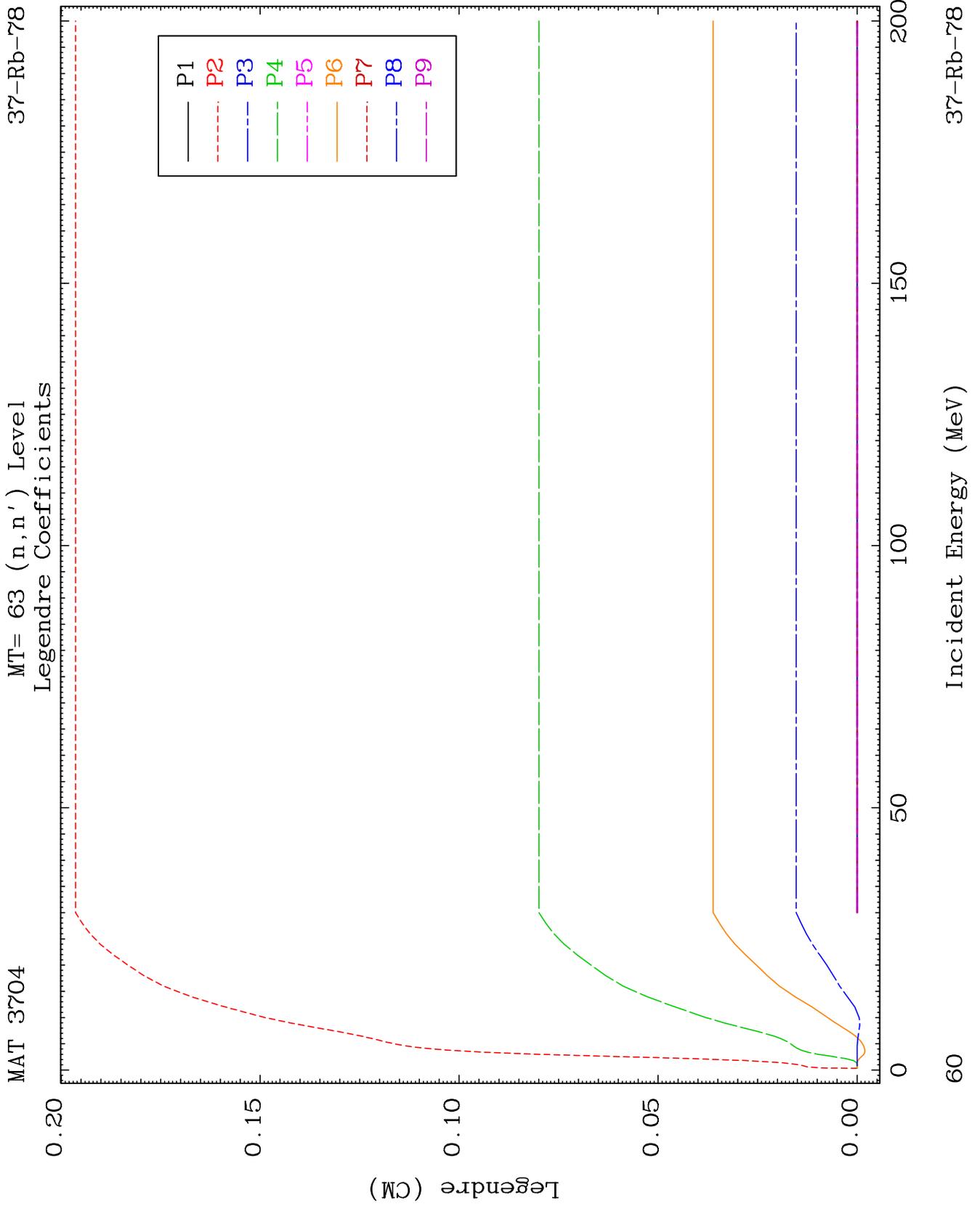
37-Rb-78

MAT 3704

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

37-Rb-78

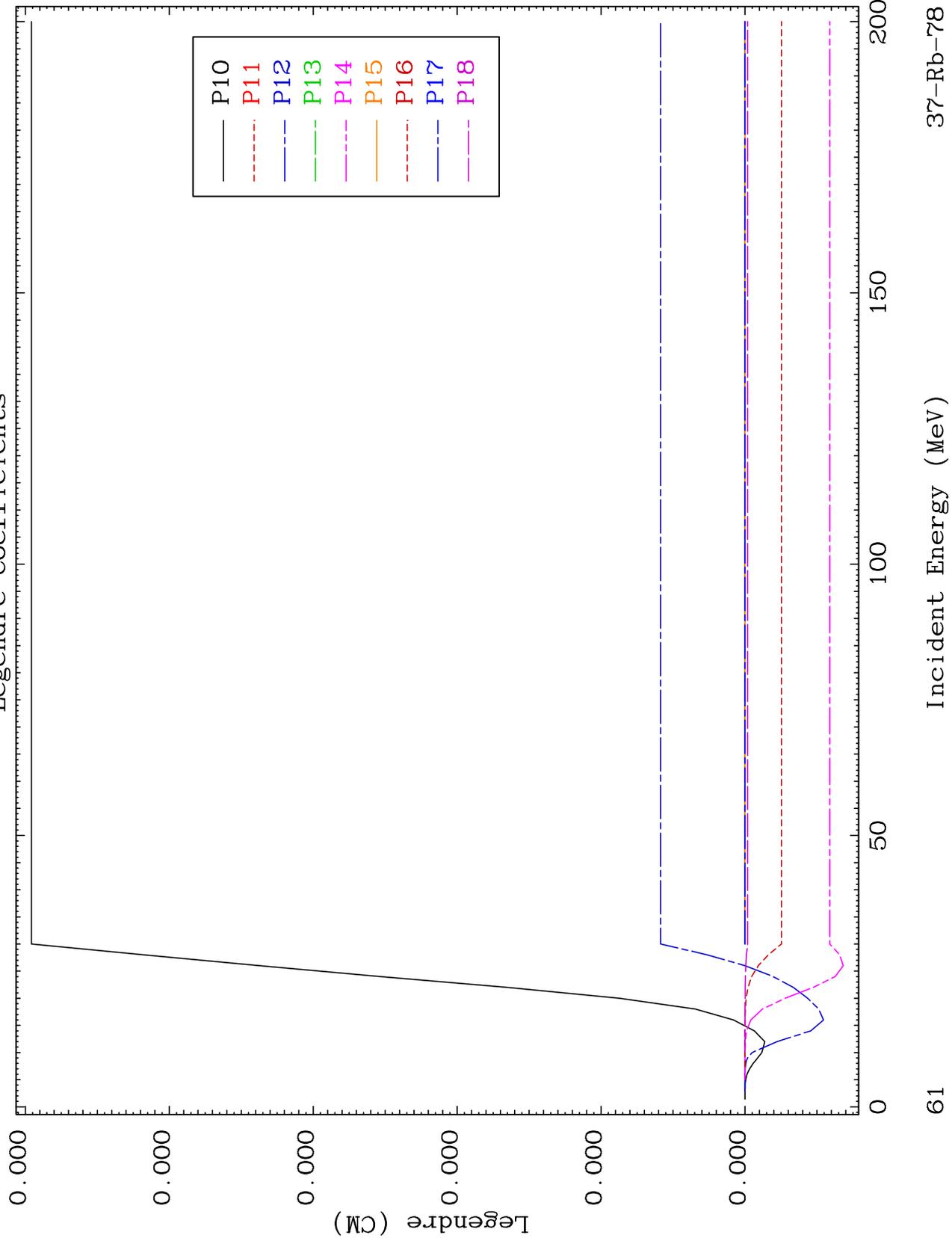




MAT 3704

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

37-Rb-78



61

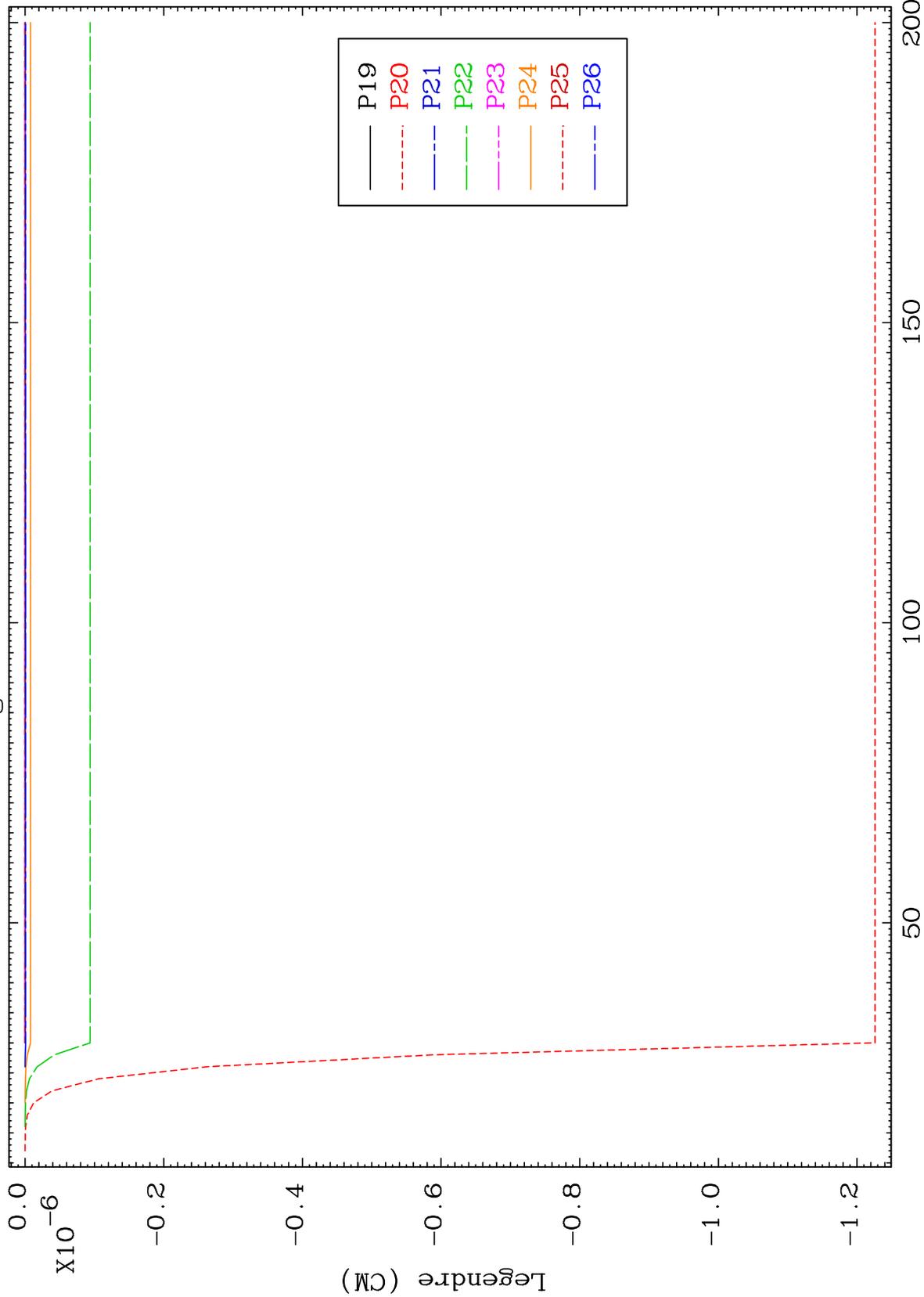
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



62

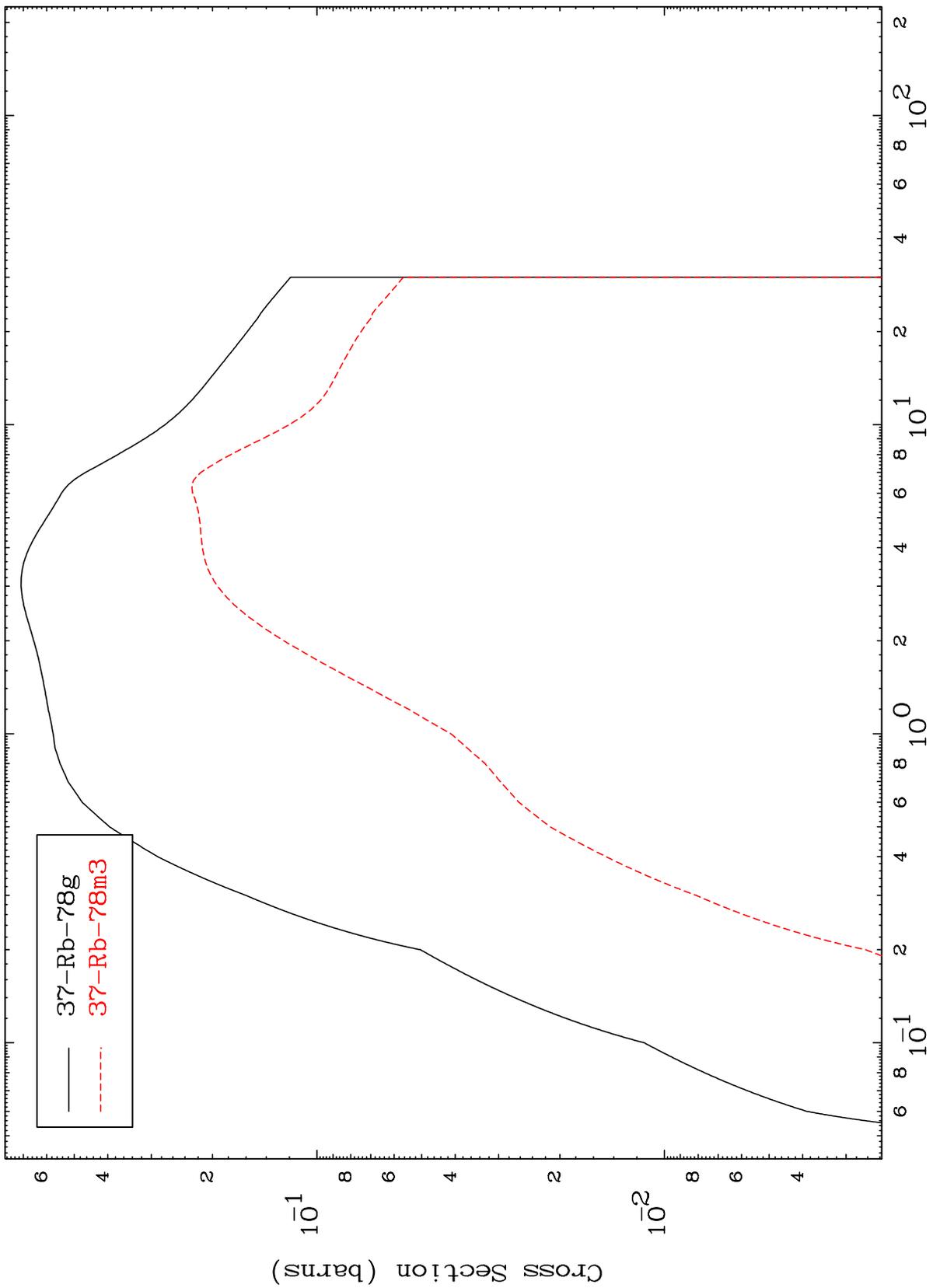
Incident Energy (MeV)

37-Rb-78

MAT 3704

37-Rb-78

Radionuclide Production Cross Section



63

37-Rb-78

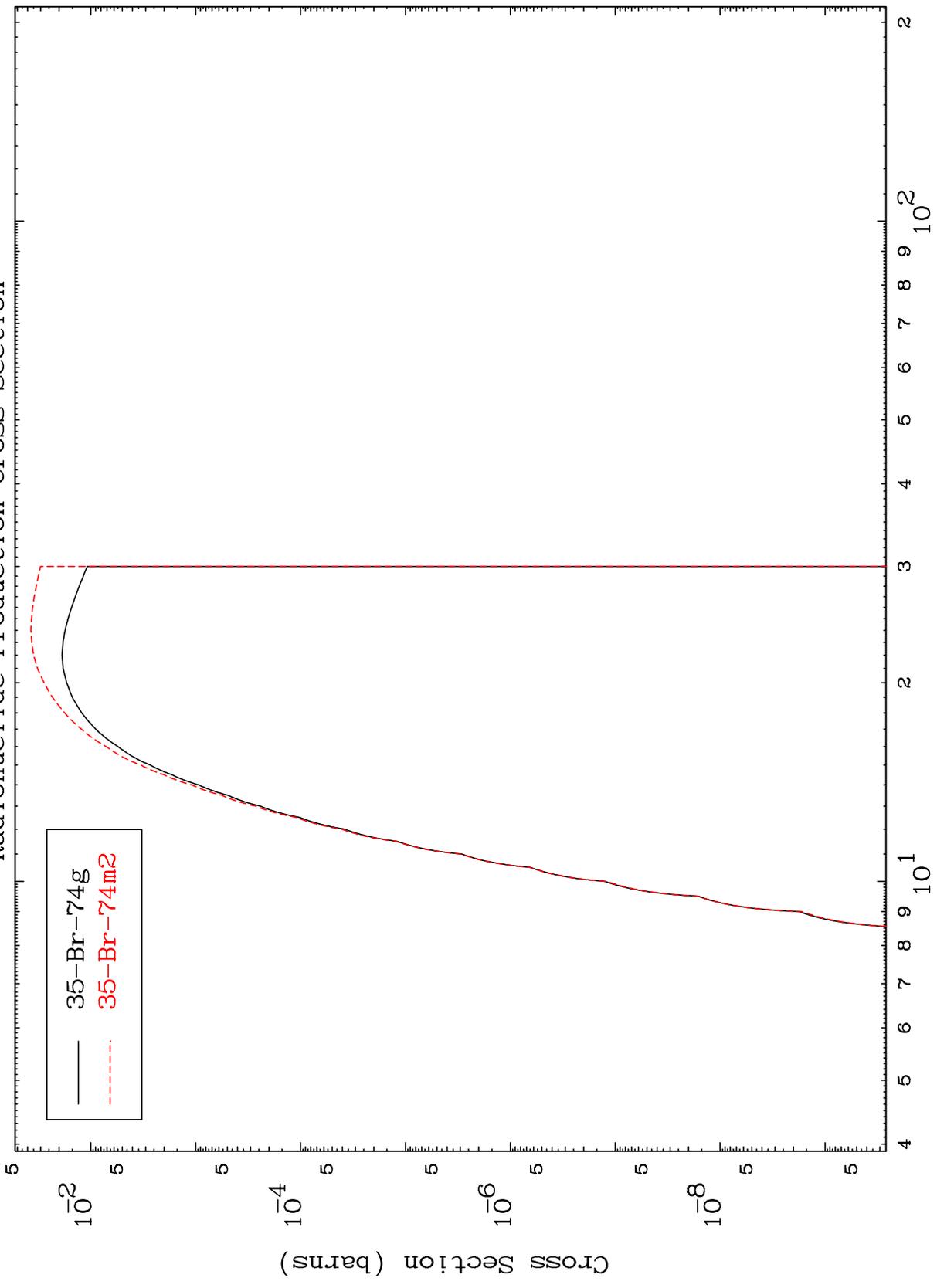
Incident Energy (MeV)

MAT 3704

37-Rb-78

(n,n') α

Radionuclide Production Cross Section



— 35-Br-74g
- - - 35-Br-74m2

64

Incident Energy (MeV)

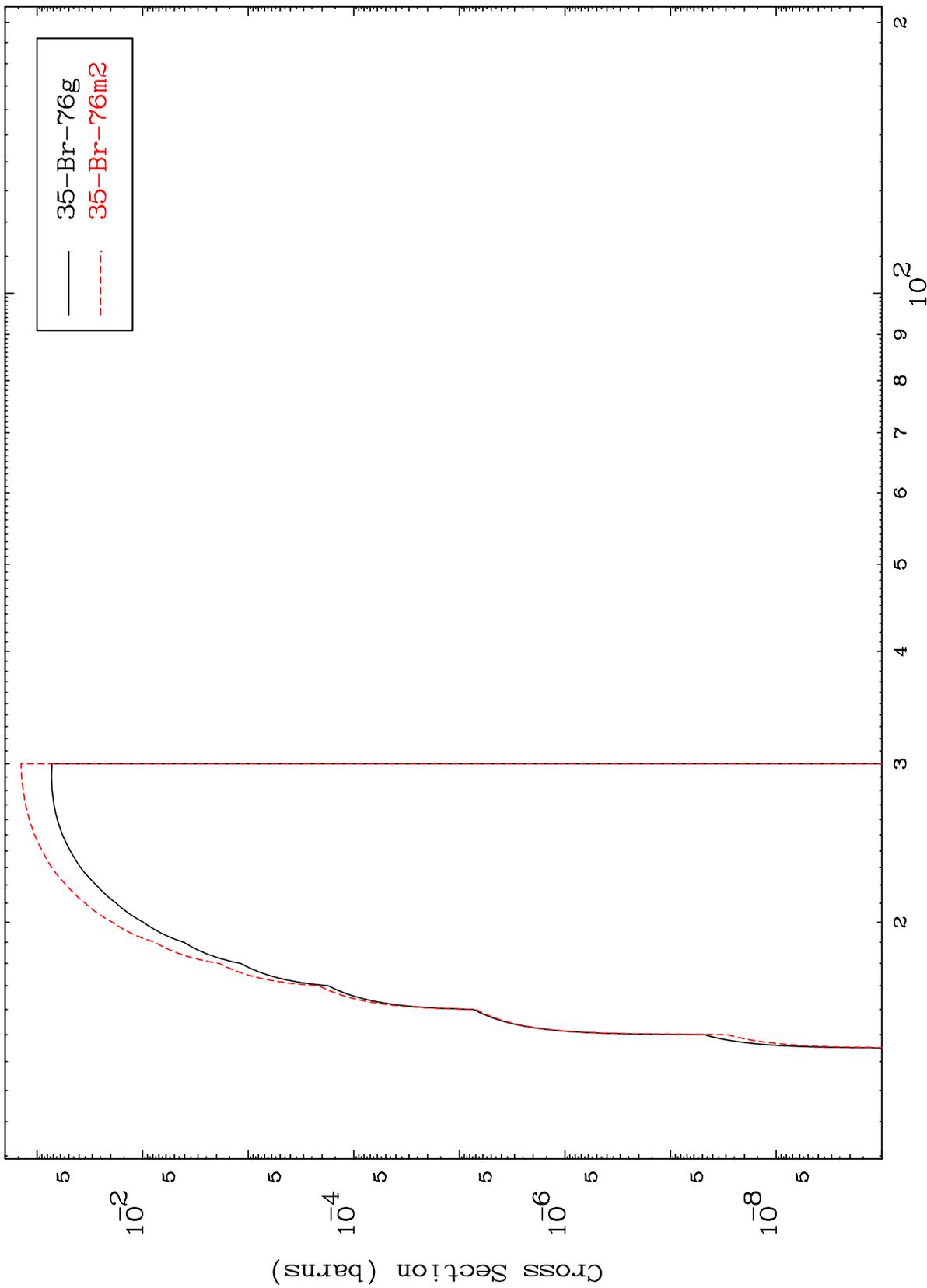
37-Rb-78

MAT 3704

(n,2n) p

37-Rb-78

Radionuclide Production Cross Section



65

Incident Energy (MeV)

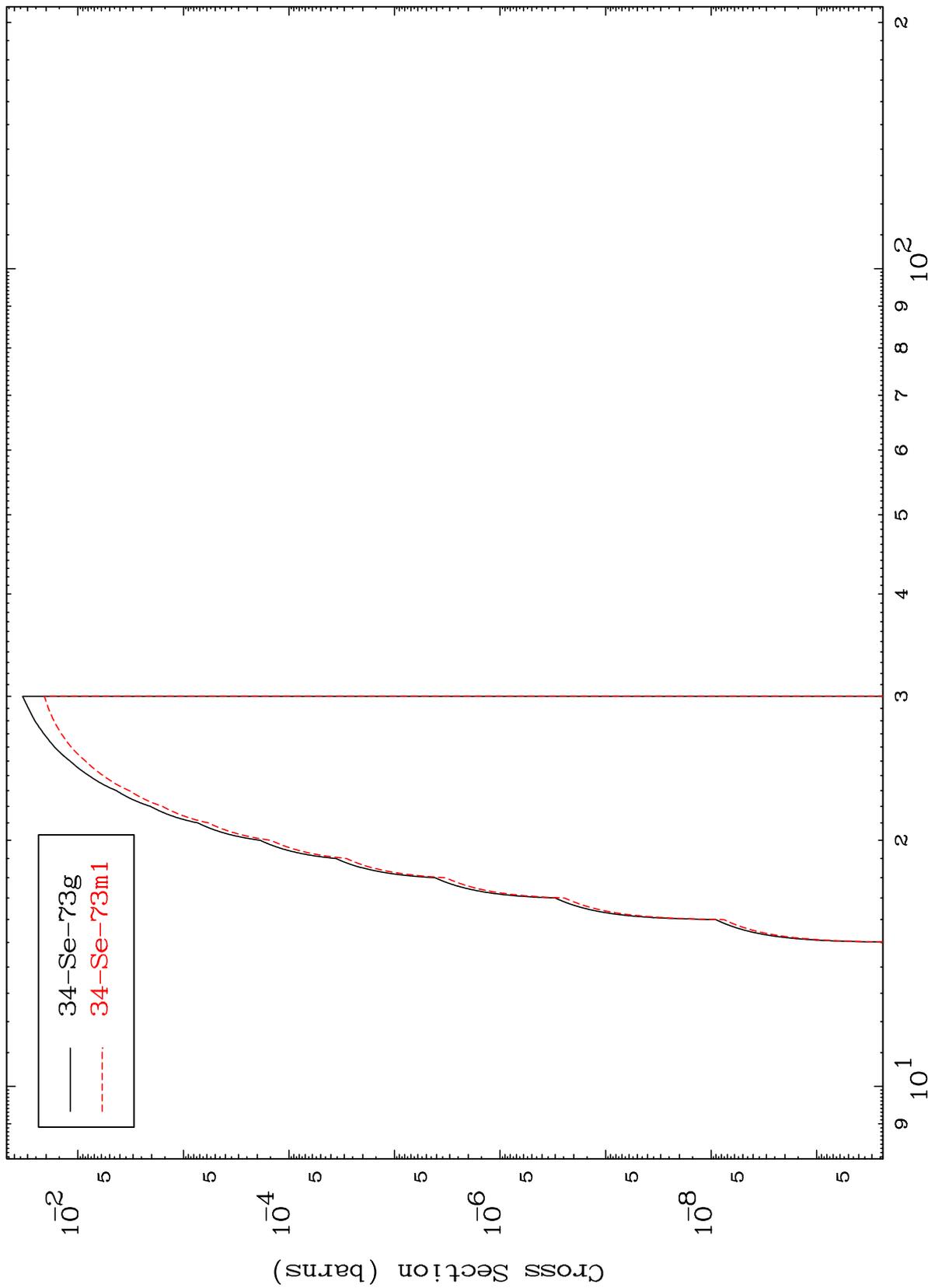
37-Rb-78

MAT 3704

(n,n') p α

37-Rb-78

Radionuclide Production Cross Section



66

Incident Energy (MeV)

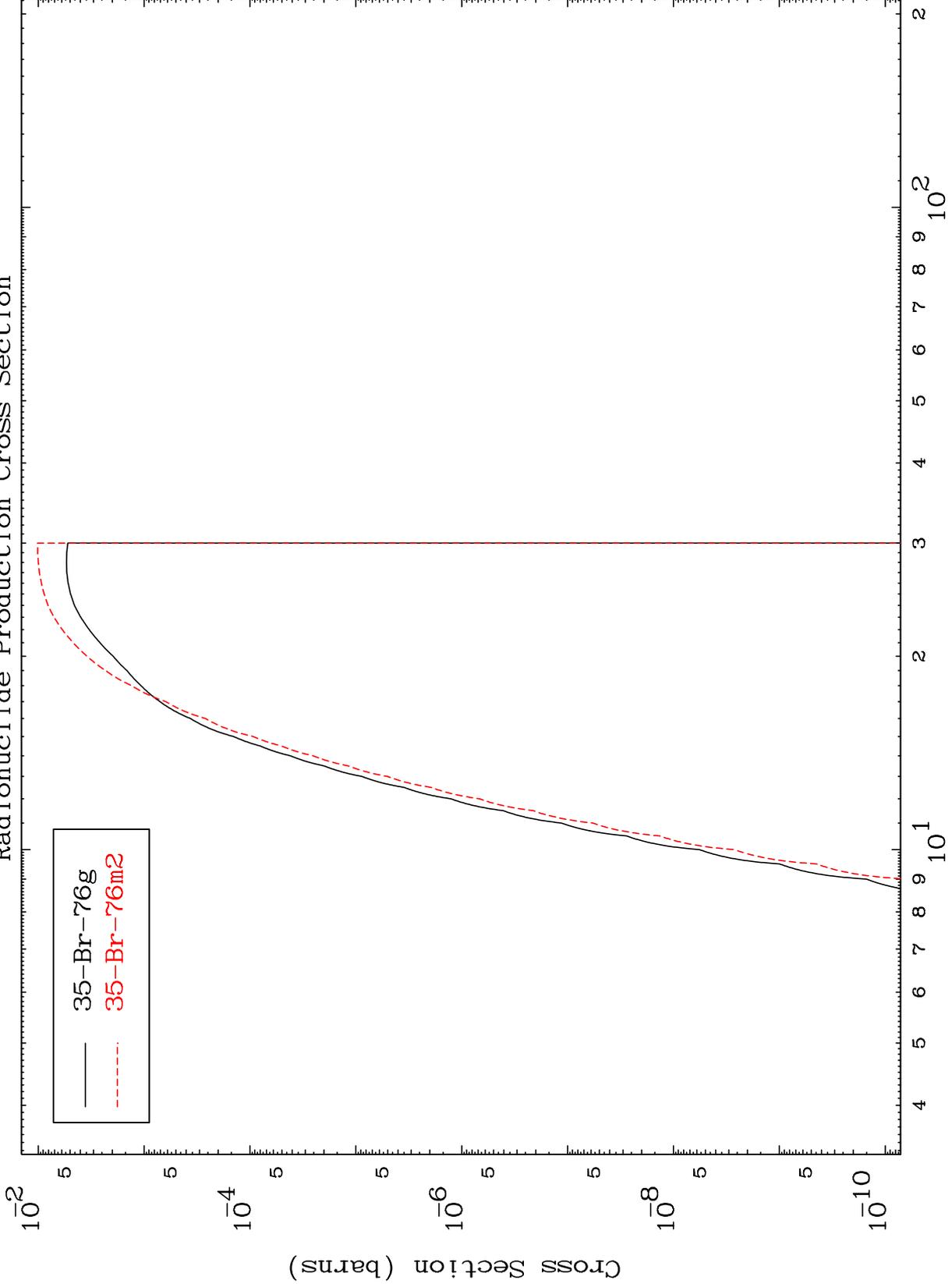
37-Rb-78

MAT 3704

(n,He-3)

37-Rb-78

Radionuclide Production Cross Section



67

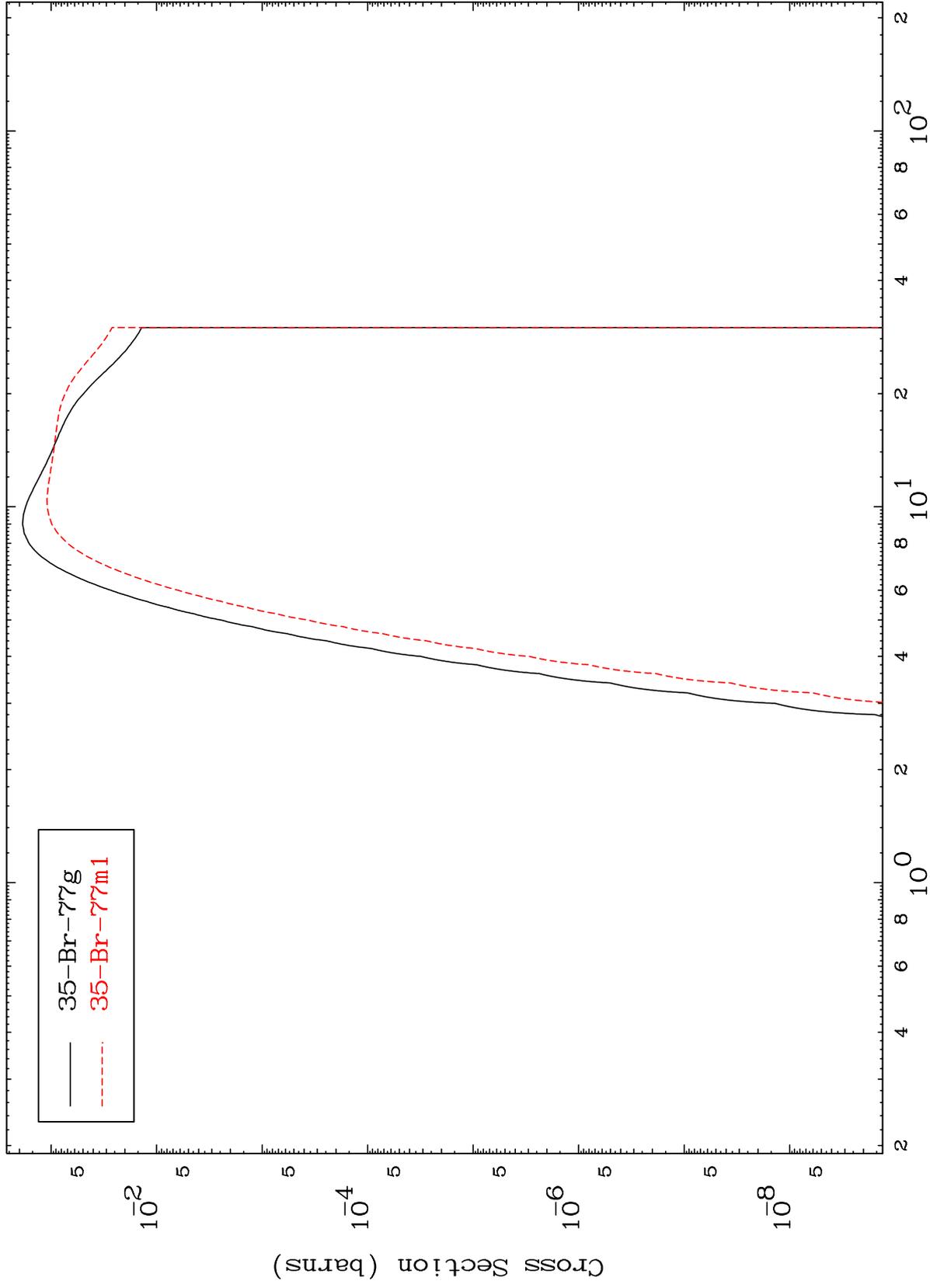
Incident Energy (MeV)

37-Rb-78

MAT 3704

37-Rb-78

(n,2p)
Radionuclide Production Cross Section



— 35-Br-77g
- - - 35-Br-77m1

68

Incident Energy (MeV)

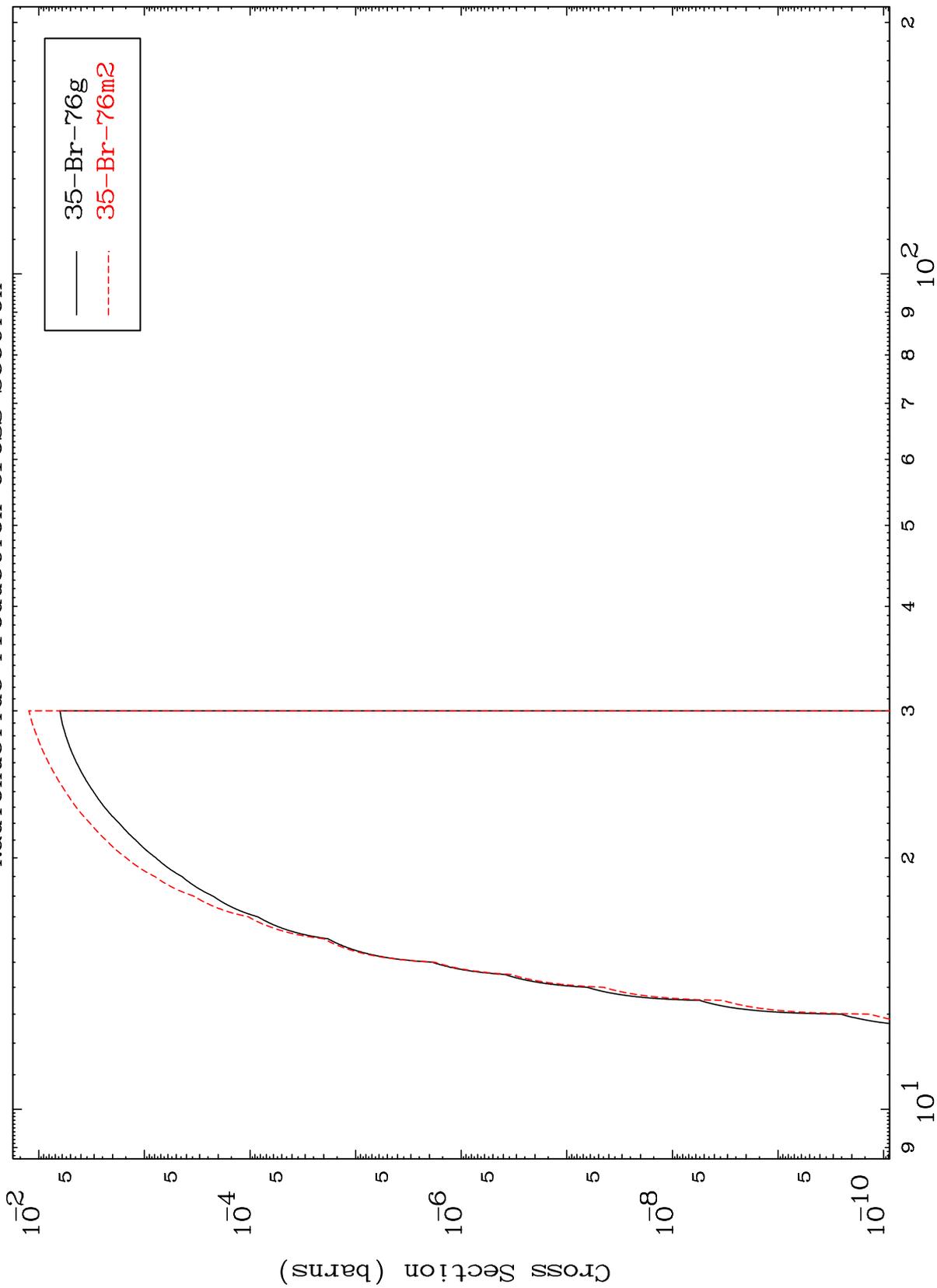
37-Rb-78

MAT 3704

(n,p) d

37-Rb-78

Radionuclide Production Cross Section



Incident Energy (MeV)

37-Rb-78

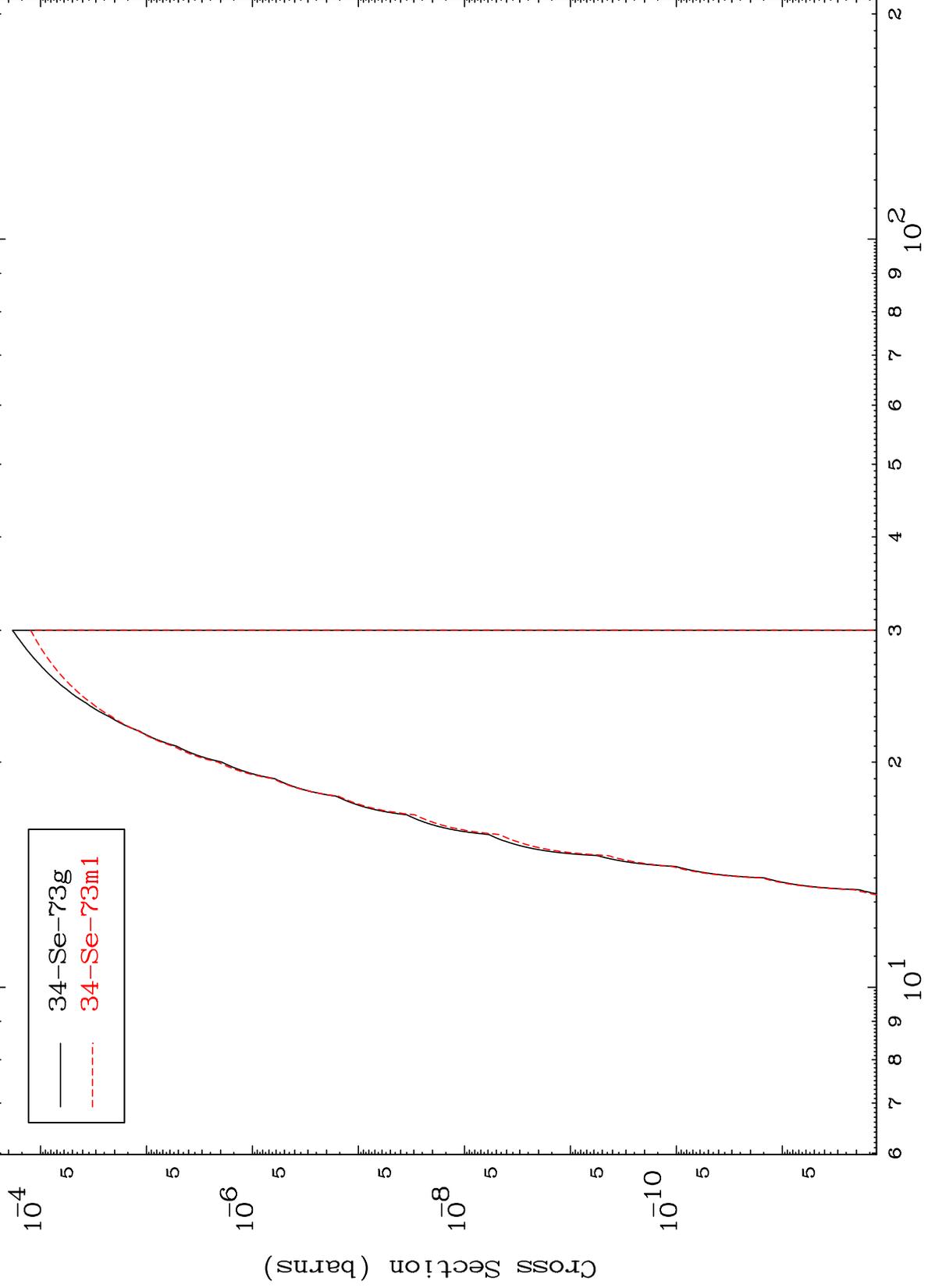
69

MAT 3704

(n,d) α

37-Rb-78

Radionuclide Production Cross Section



70

Incident Energy (MeV)

37-Rb-78