

Program EVALPLOT
(Version 2015-2)

by

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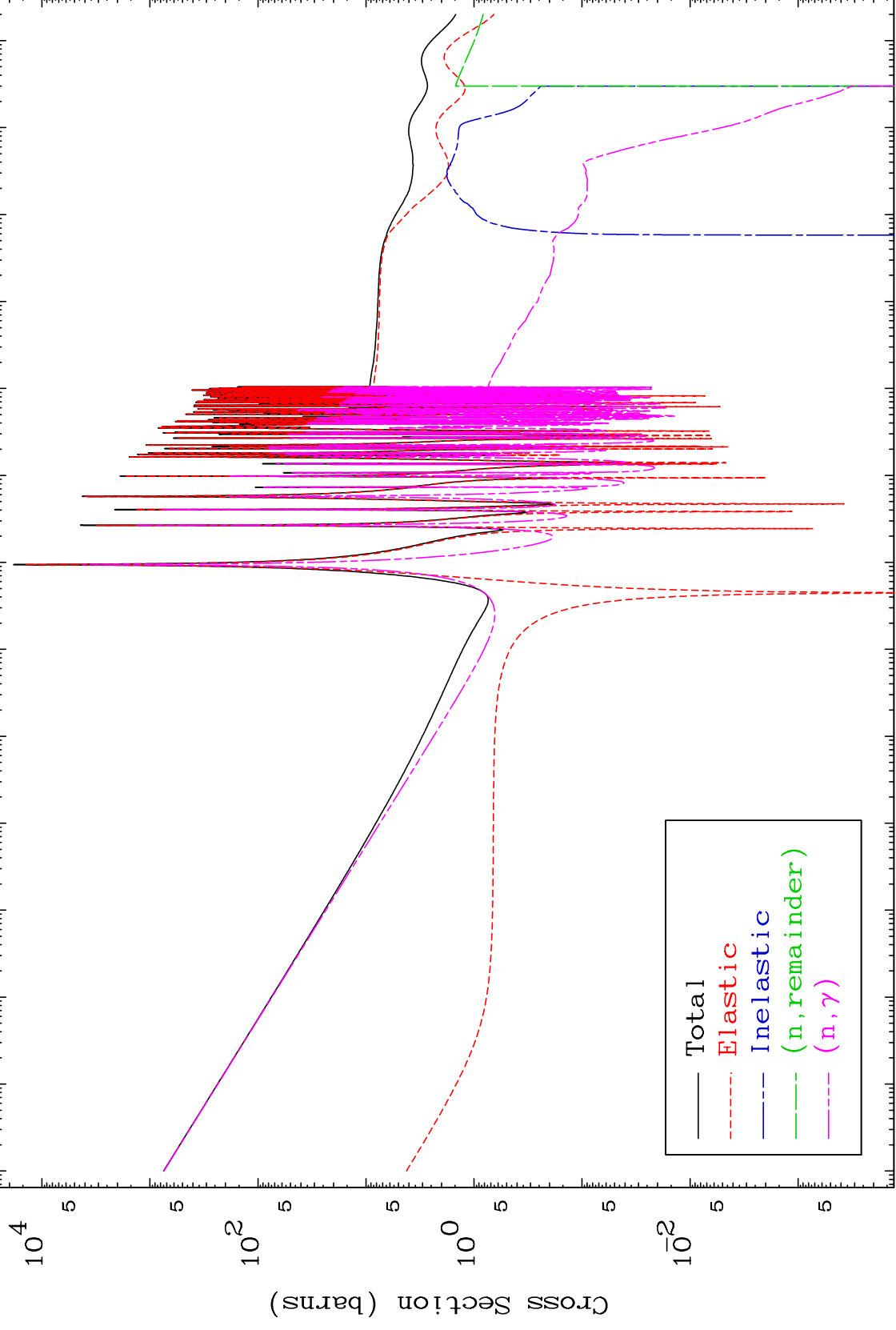
Press Mouse Button to Start

MAT 3819

Major

293 Kelvin Cross Sections

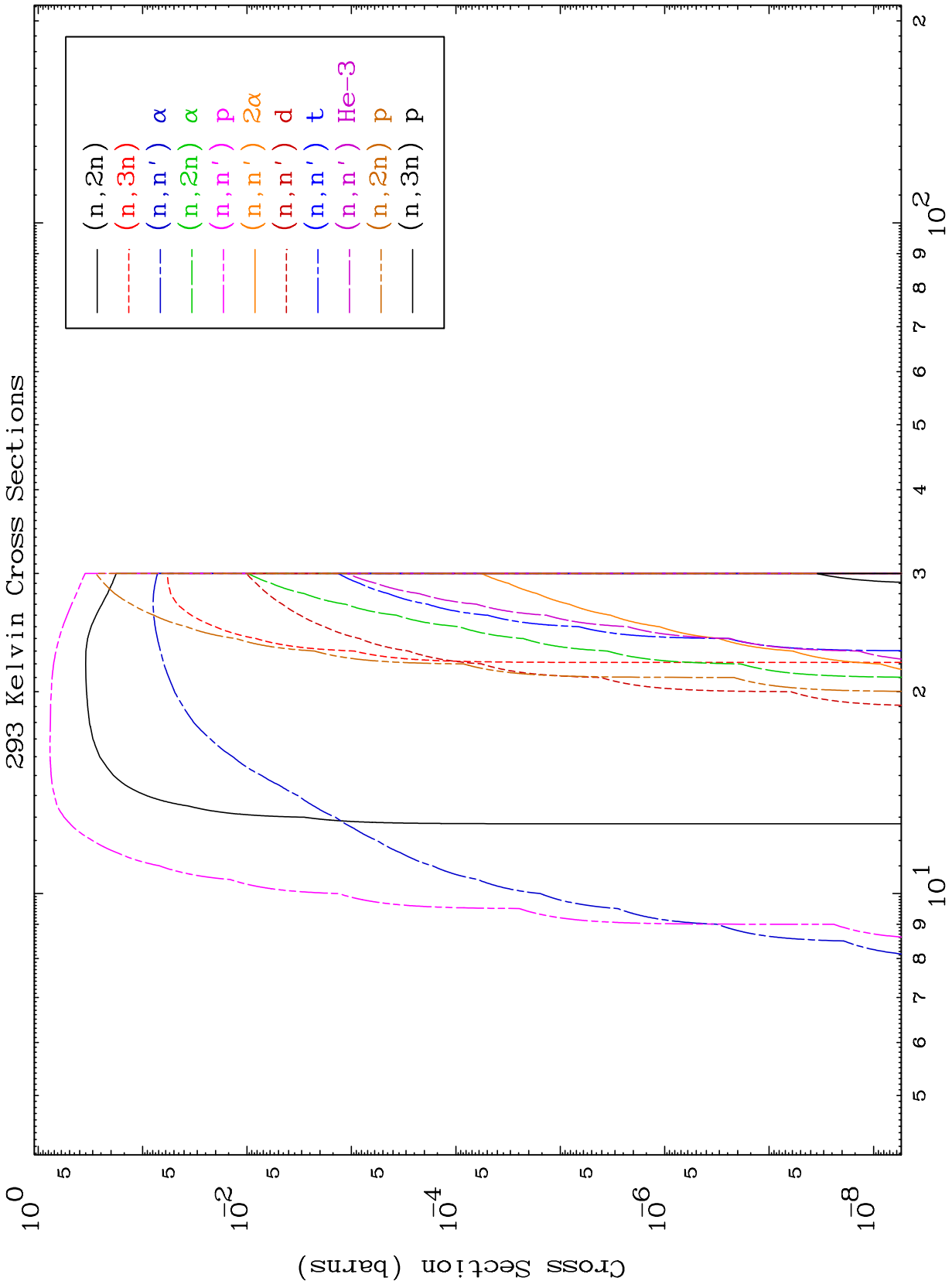
38-Sr-82

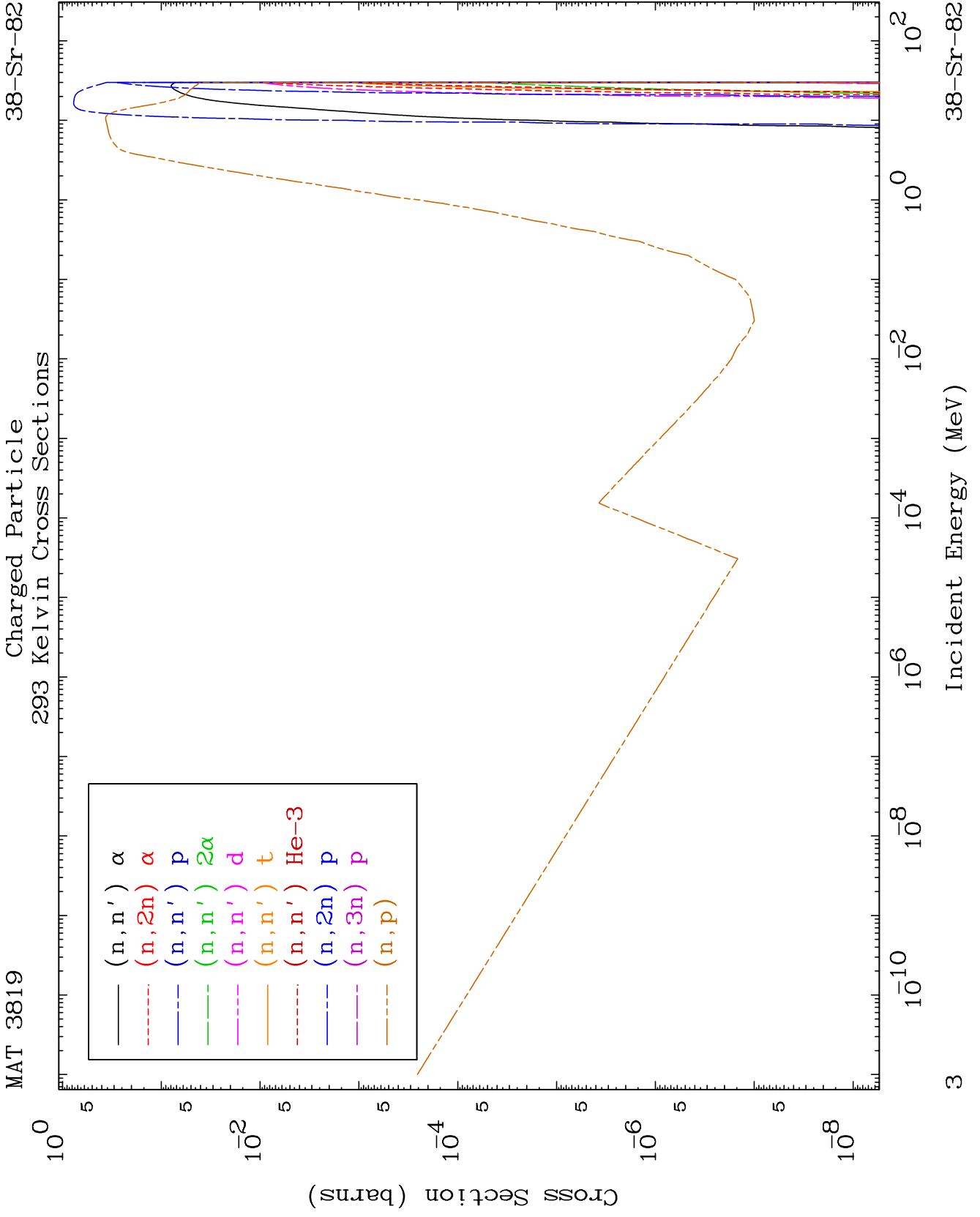


MAT 3819

Neutron Production
293 Kelvin Cross Sections

38-Sr-82

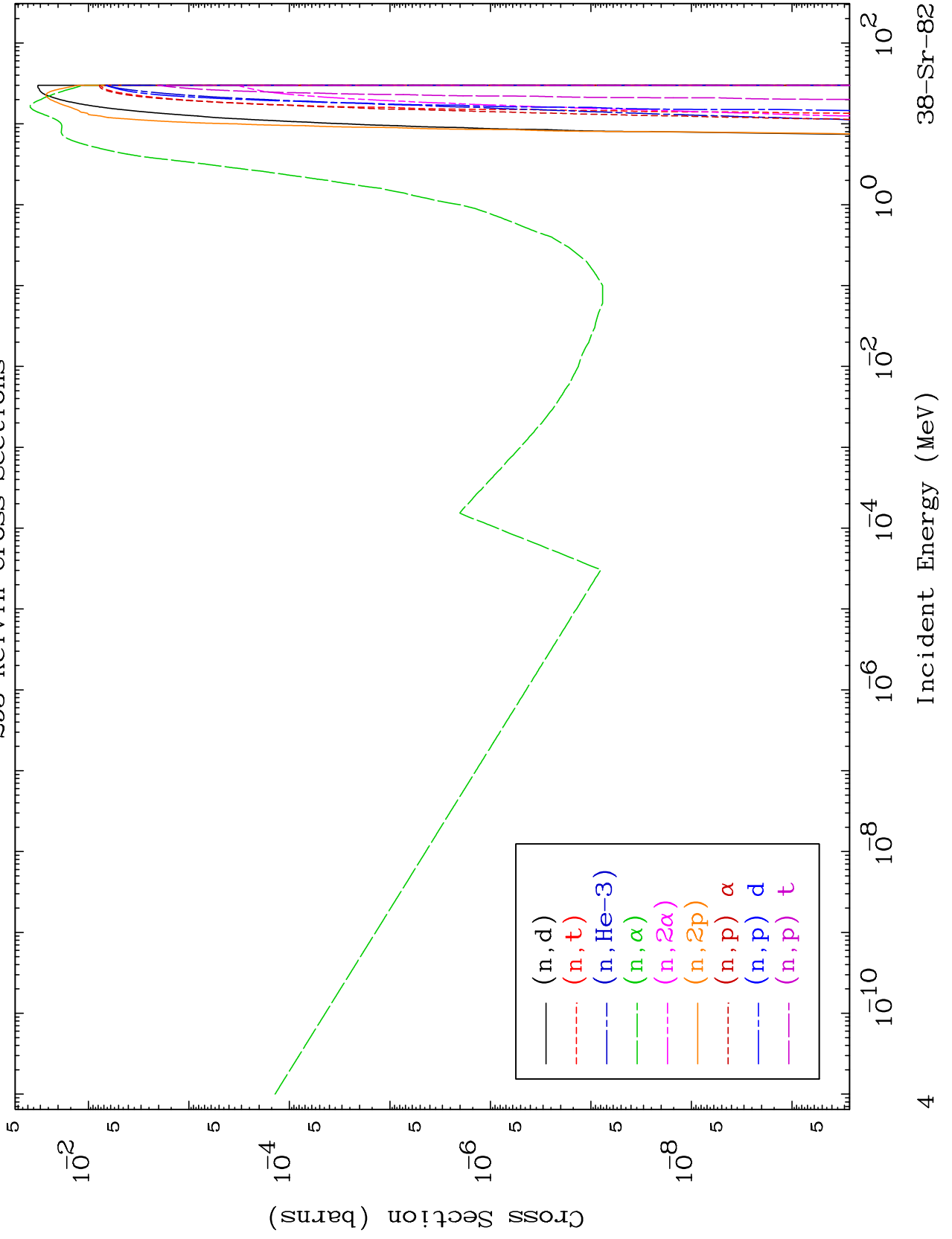


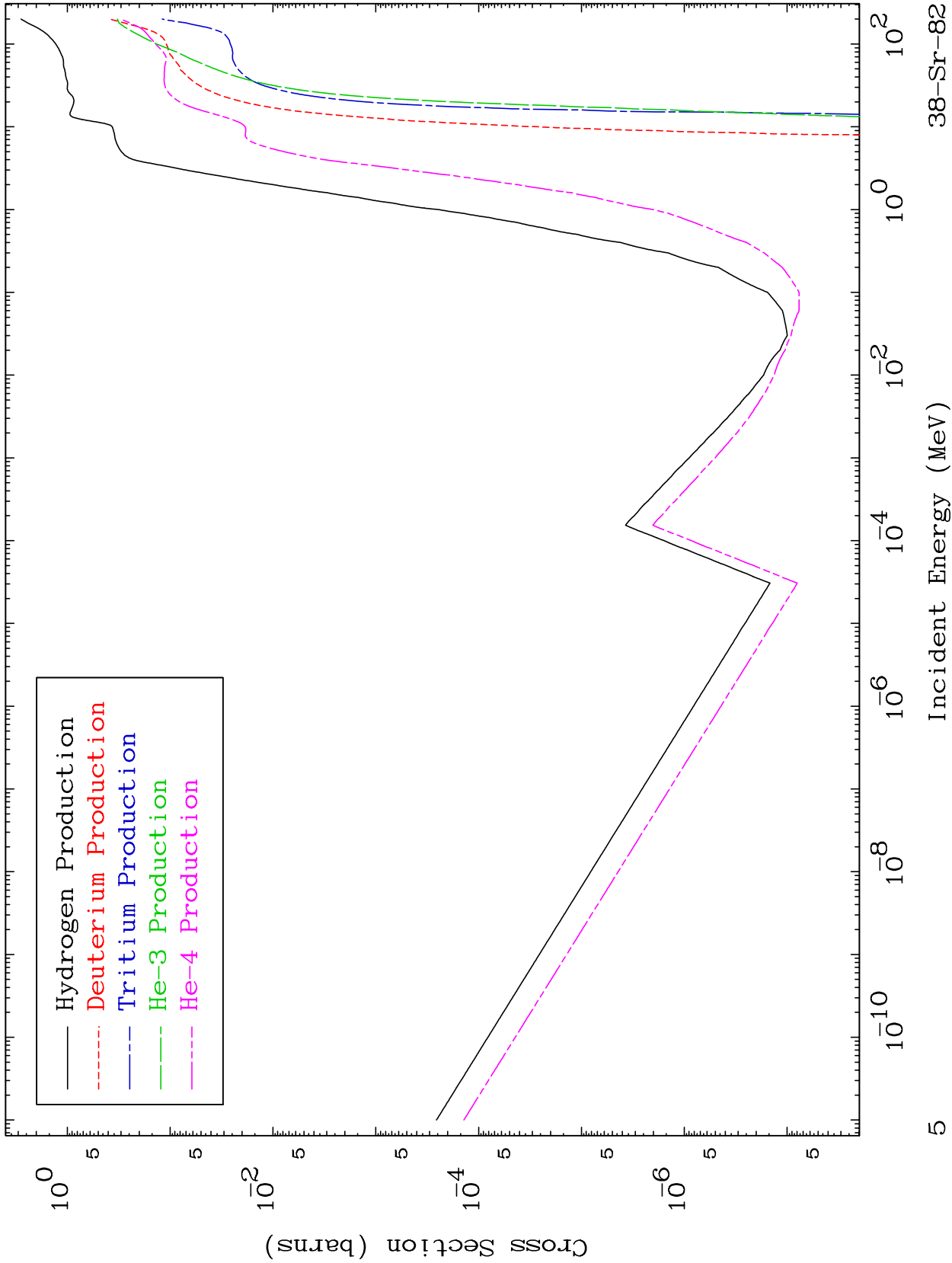


MAT 3819

Charged Particle
293 Kelvin Cross Sections

38-Sr-82



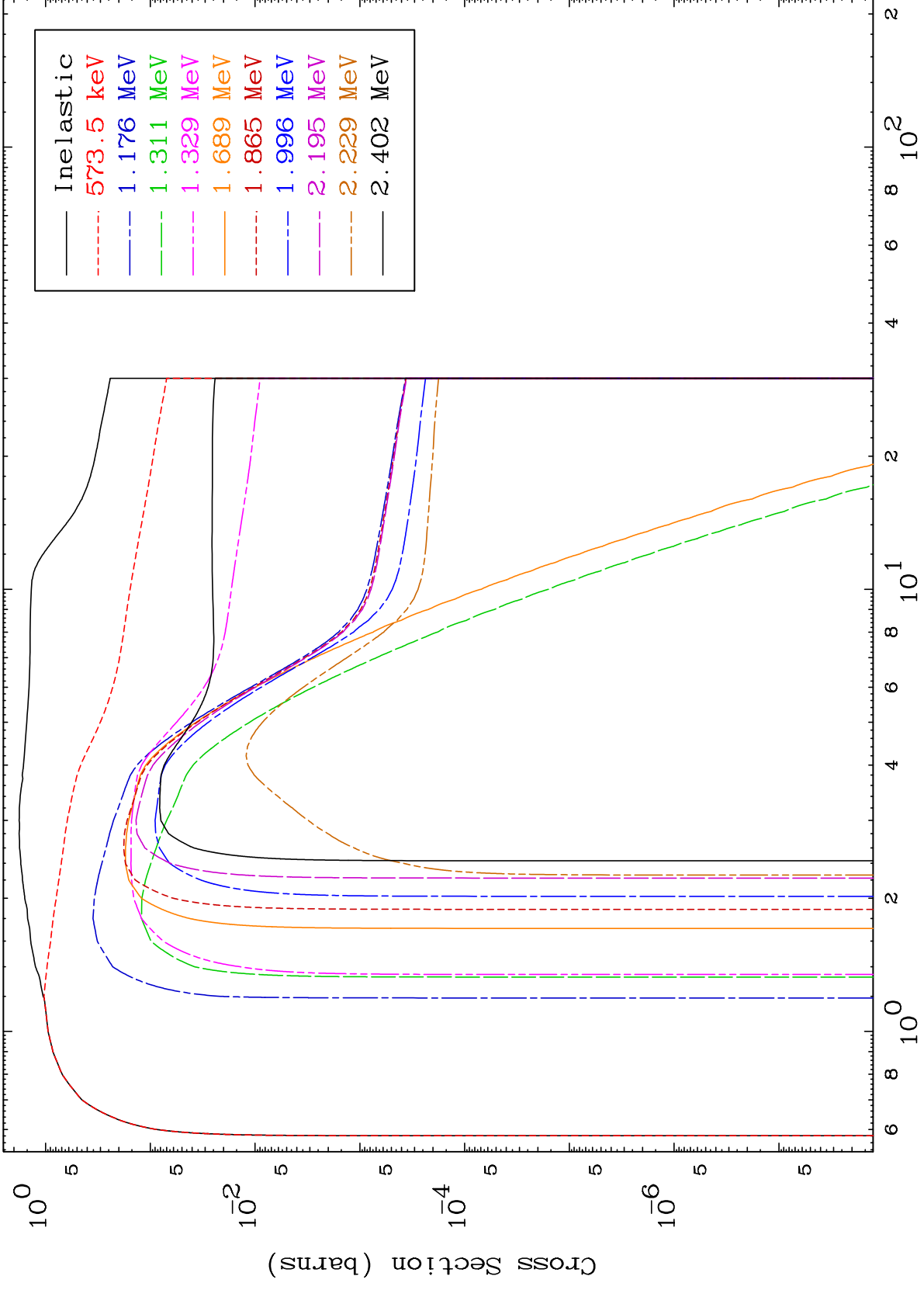


MAT 3819

(n,n') Level

38-Sr-82

293 Kelvin Cross Sections



6

Incident Energy (MeV)

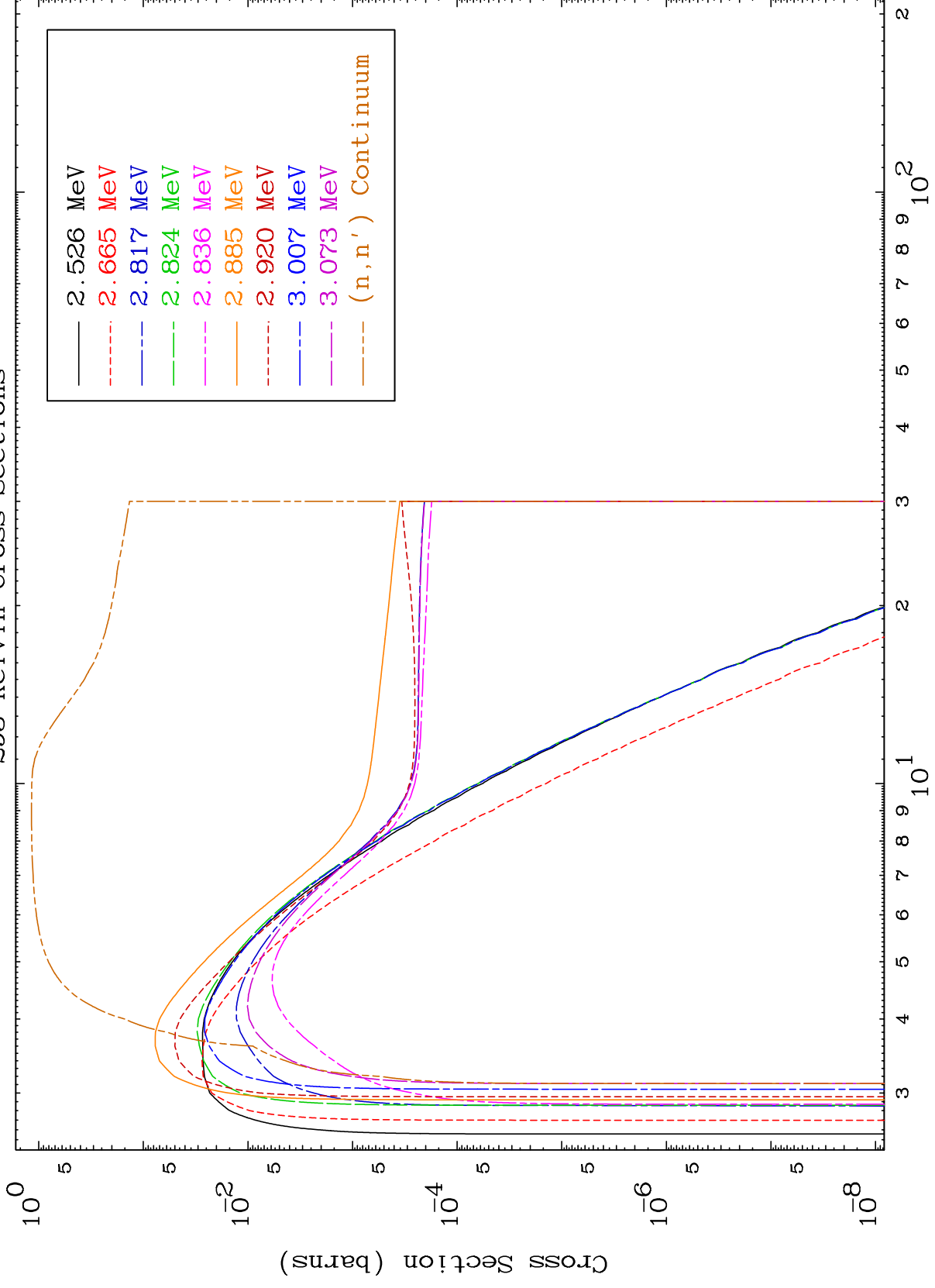
38-Sr-82

MAT 3819

(n,n') Level

38-Sr-82

293 Kelvin Cross Sections



7

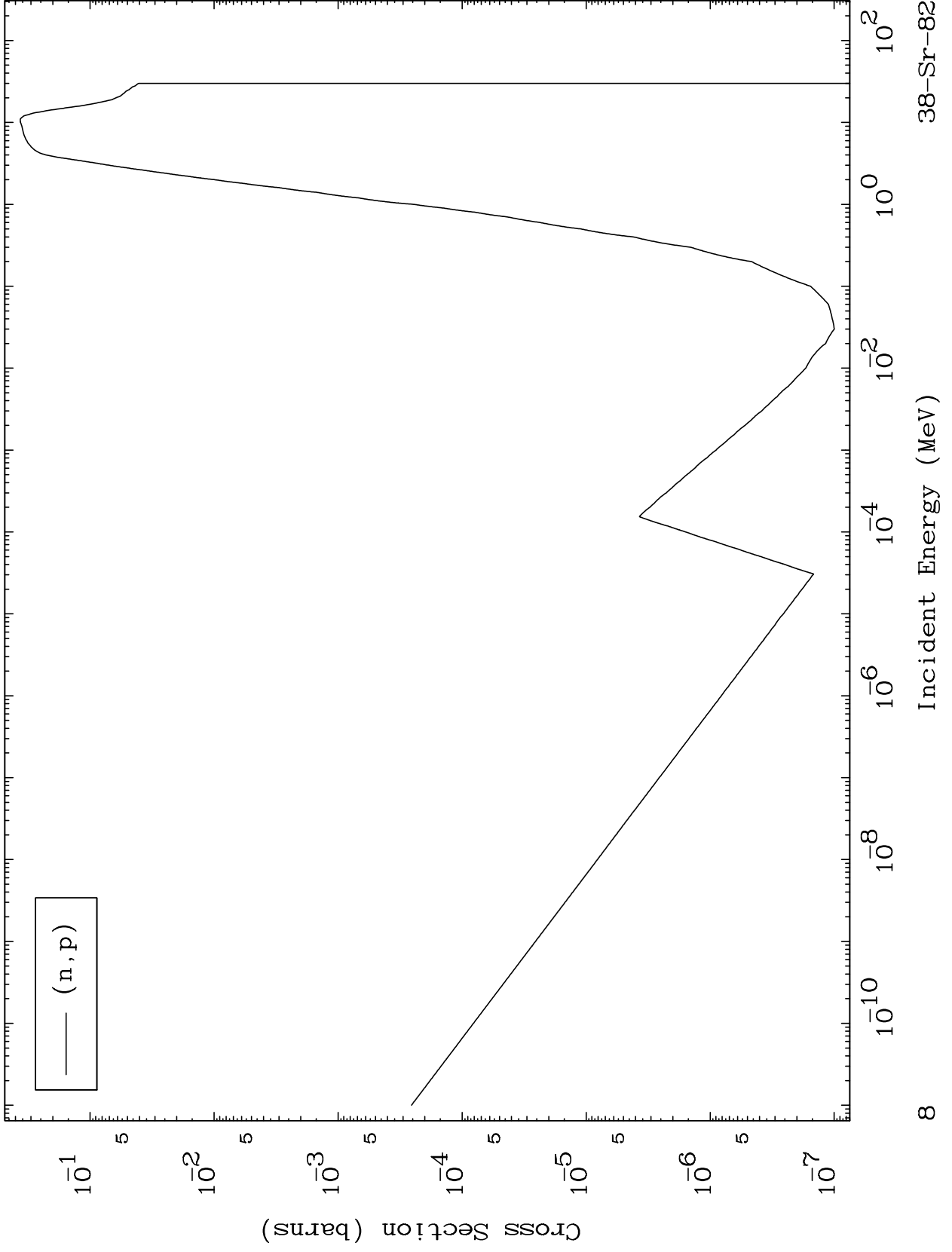
Incident Energy (MeV)

38-Sr-82

MAT 3819

(n,p) Levels
293 Kelvin Cross Sections

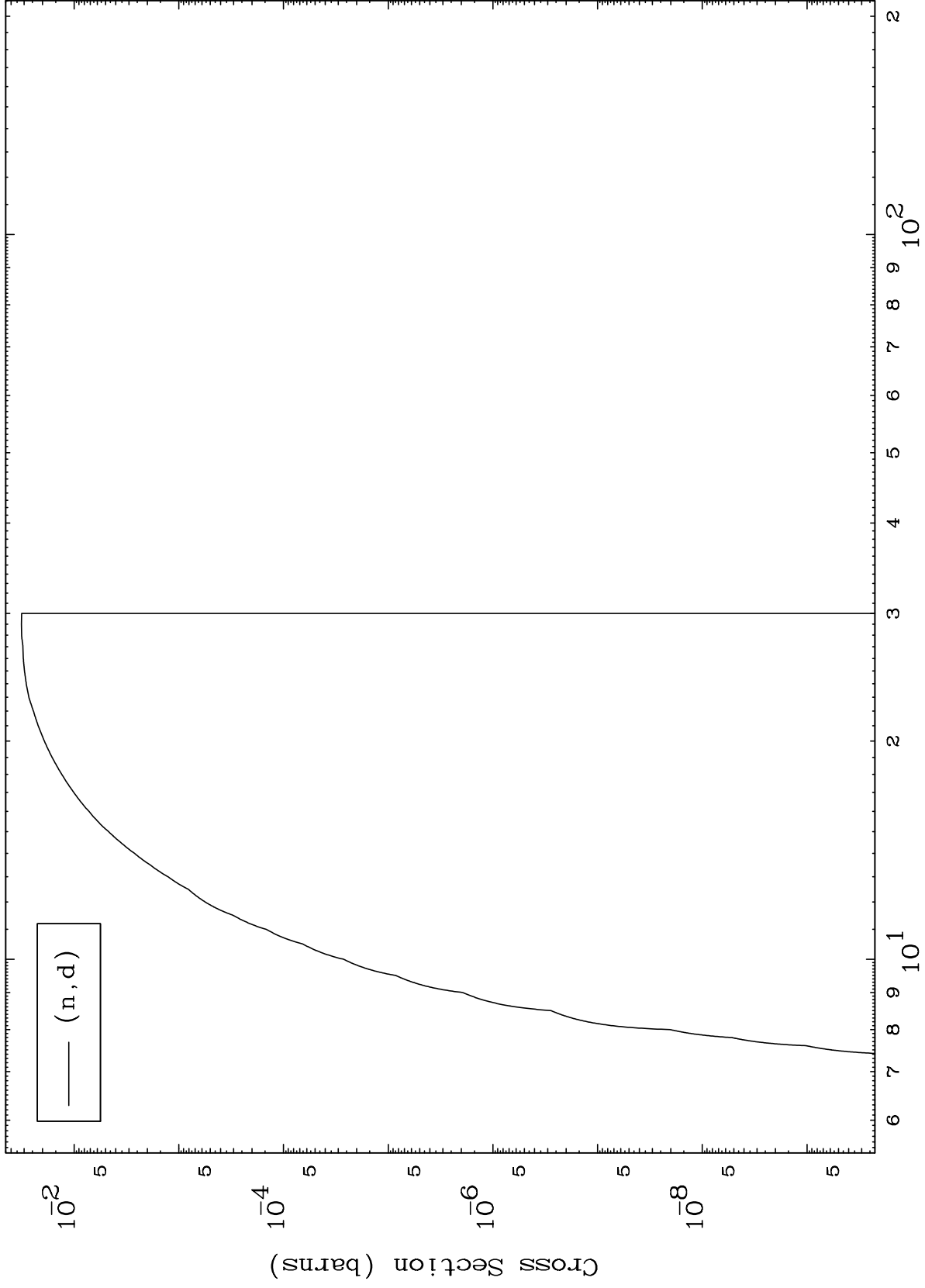
38-Sr-82



MAT 3819

(n,d) Levels
293 Kelvin Cross Sections

38-Sr-82



9

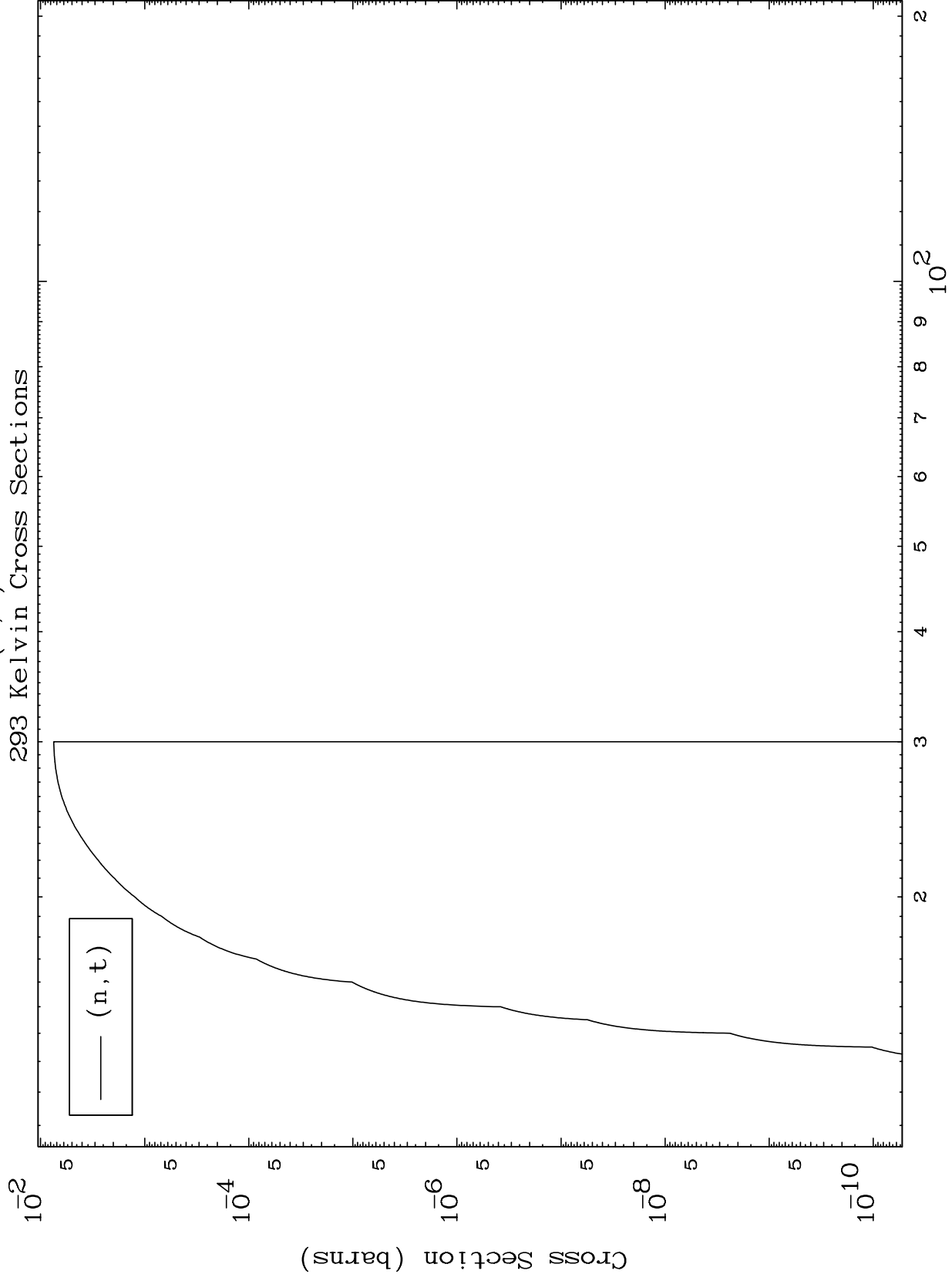
Incident Energy (MeV)

38-Sr-82

MAT 3819

(n,t) Levels
293 Kelvin Cross Sections

38-Sr-82



10

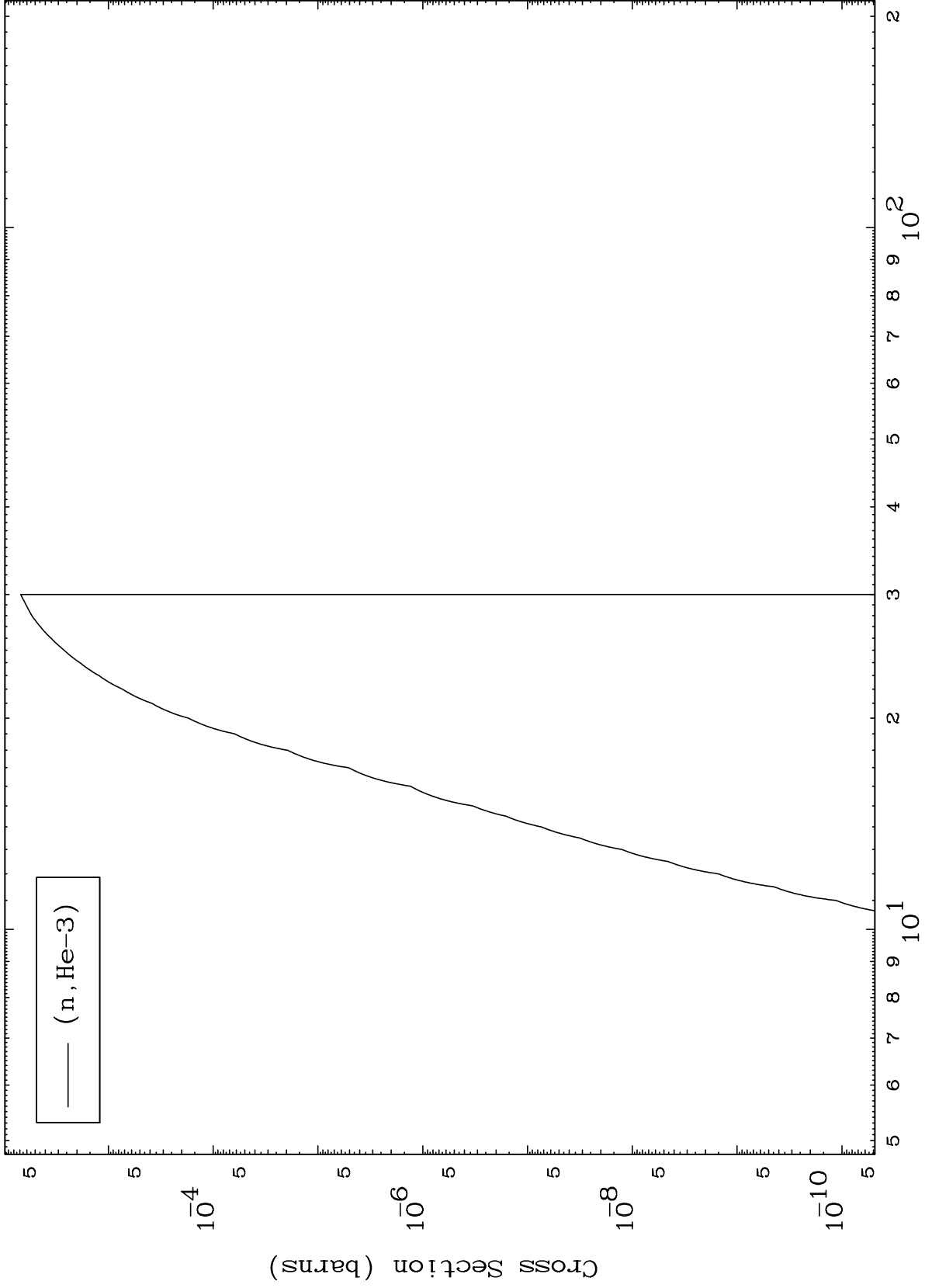
Incident Energy (MeV)

38-Sr-82

MAT 3819

(n,He3) Levels
293 Kelvin Cross Sections

38-Sr-82



11

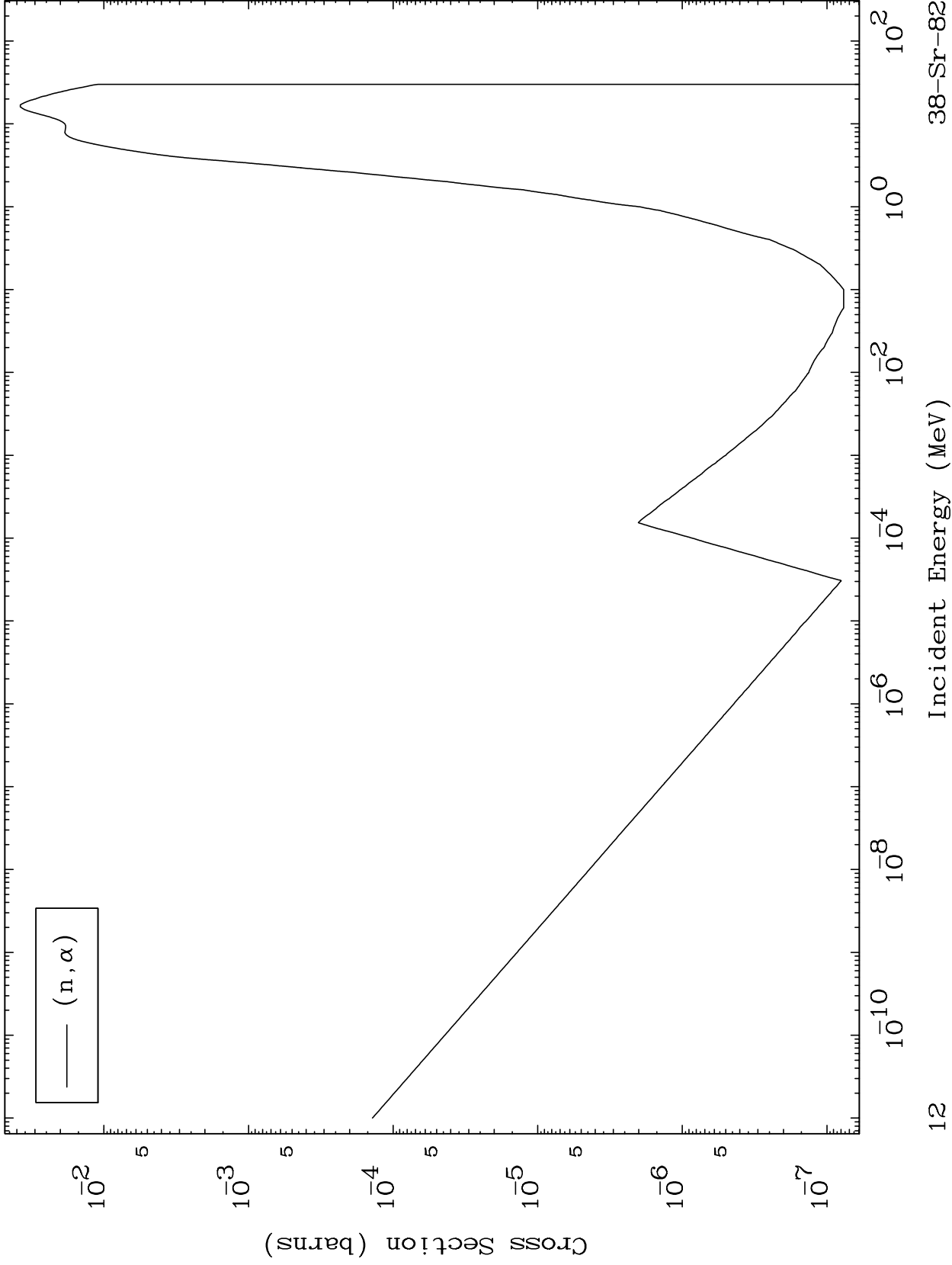
Incident Energy (MeV)

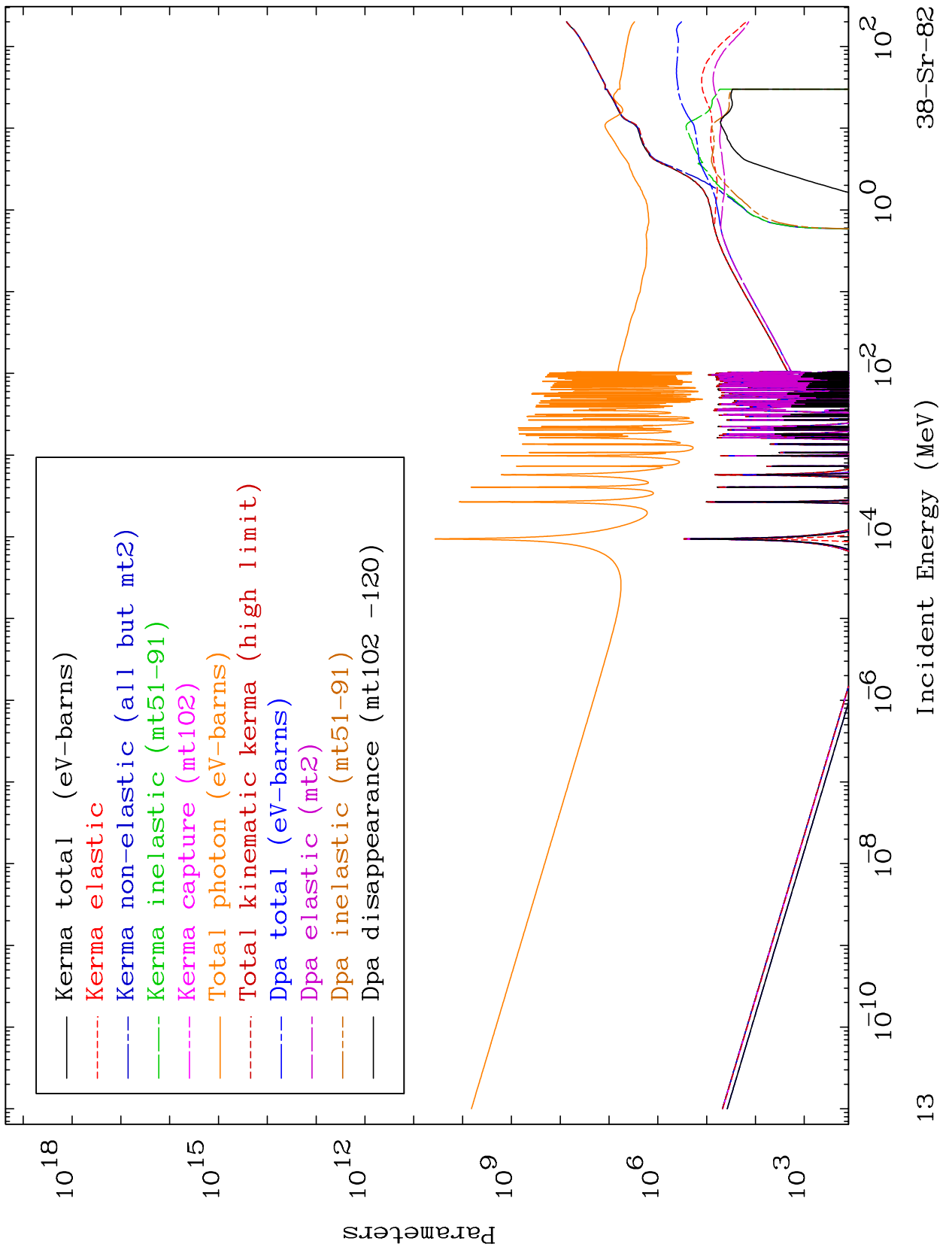
38-Sr-82

MAT 3819

(n, α) Levels
293 Kelvin Cross Sections

38-Sr-82

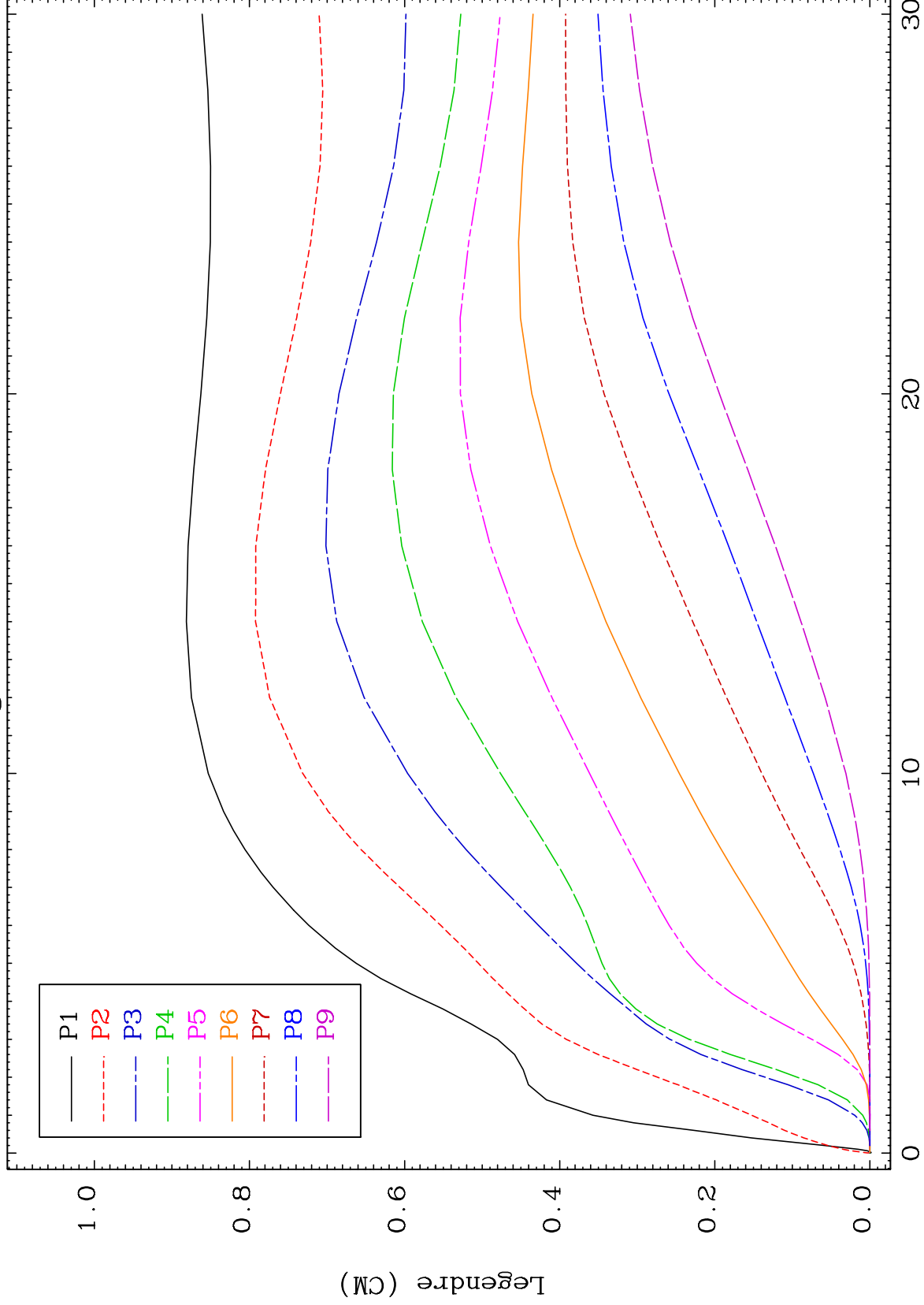




MAT 3819

Elastic Legendre Coefficients

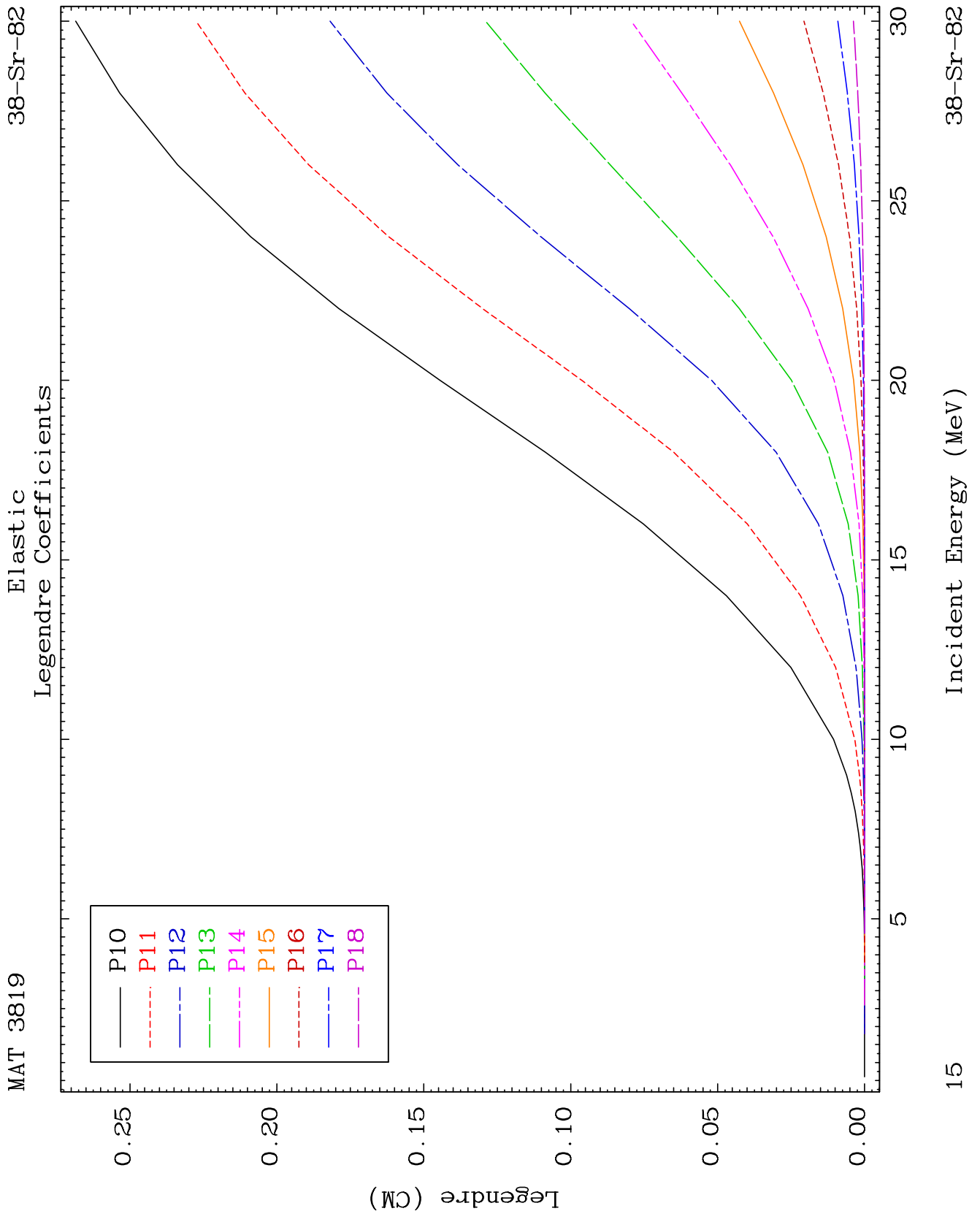
38-Sr-82



14

Incident Energy (MeV)

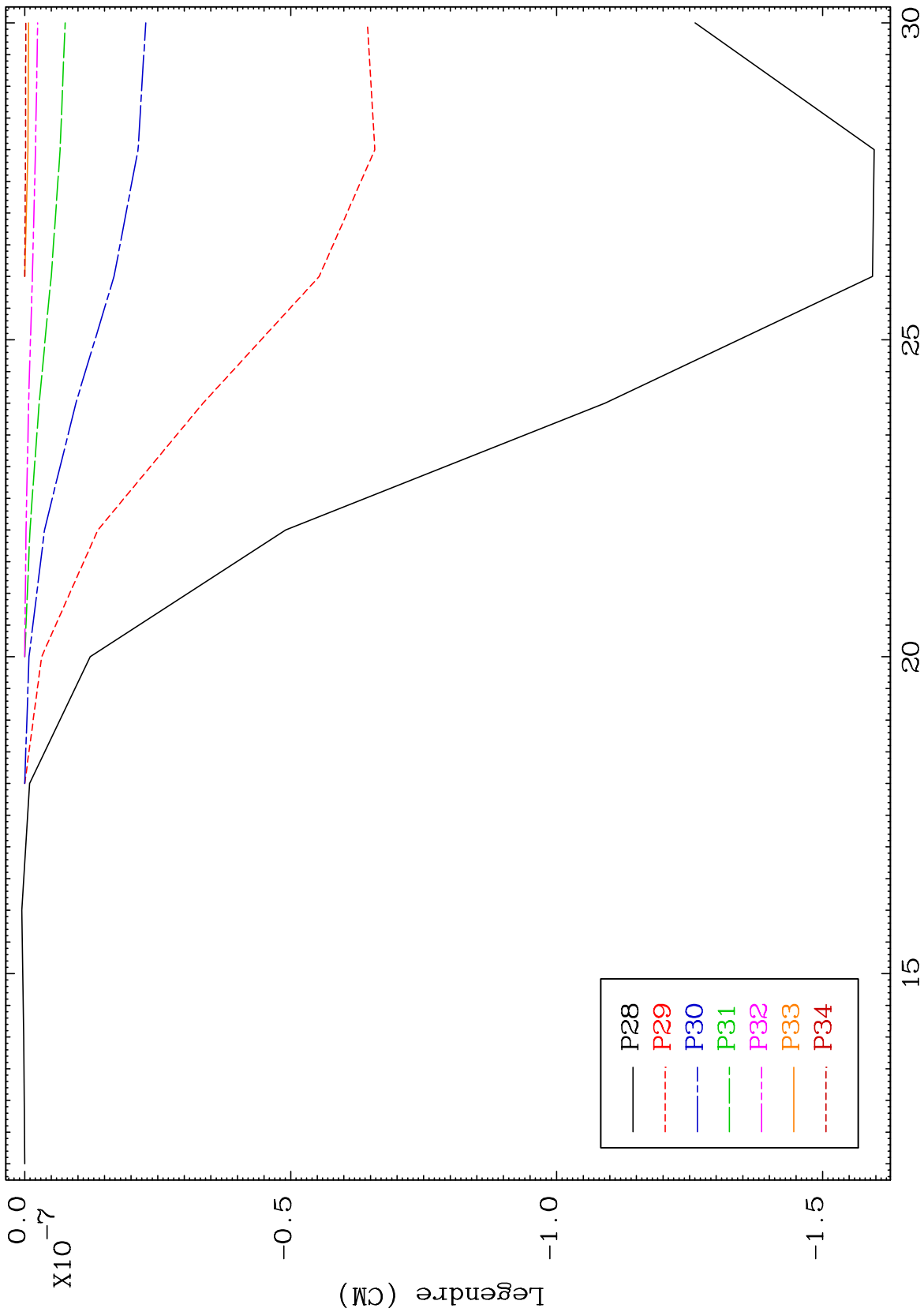
38-Sr-82



MAT 3819

38-Sr-82

Elastic Legendre Coefficients



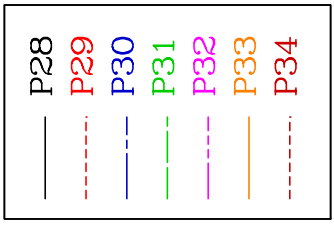
$\times 10^{-7}$

Legendre (CM)

-1.0

-0.5

0.0



17

Incident Energy (MeV)

15

20

25

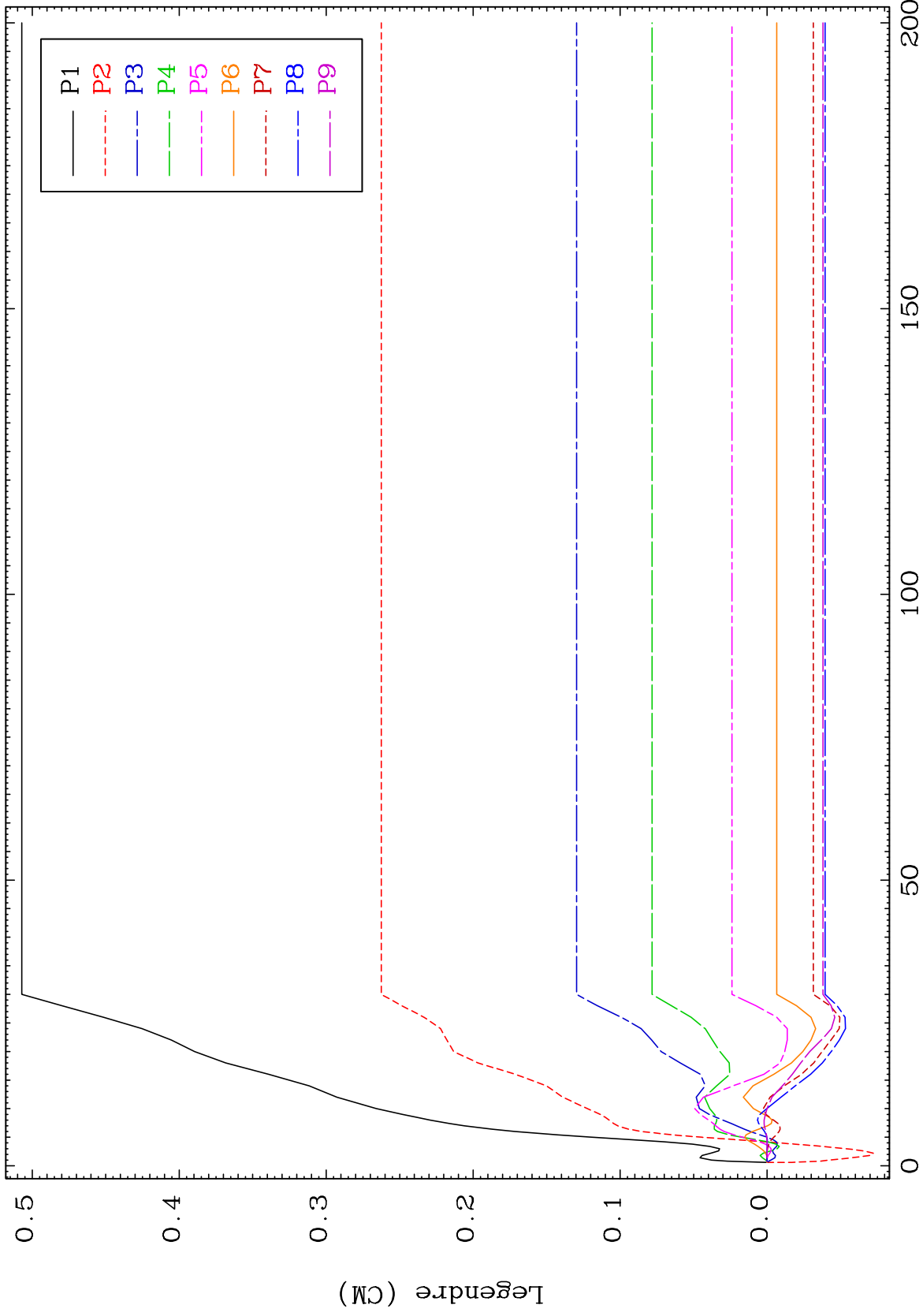
30

38-Sr-82

MAT 3819

573.5 keV (n,n') Level
Legendre Coefficients

38-Sr-82



18

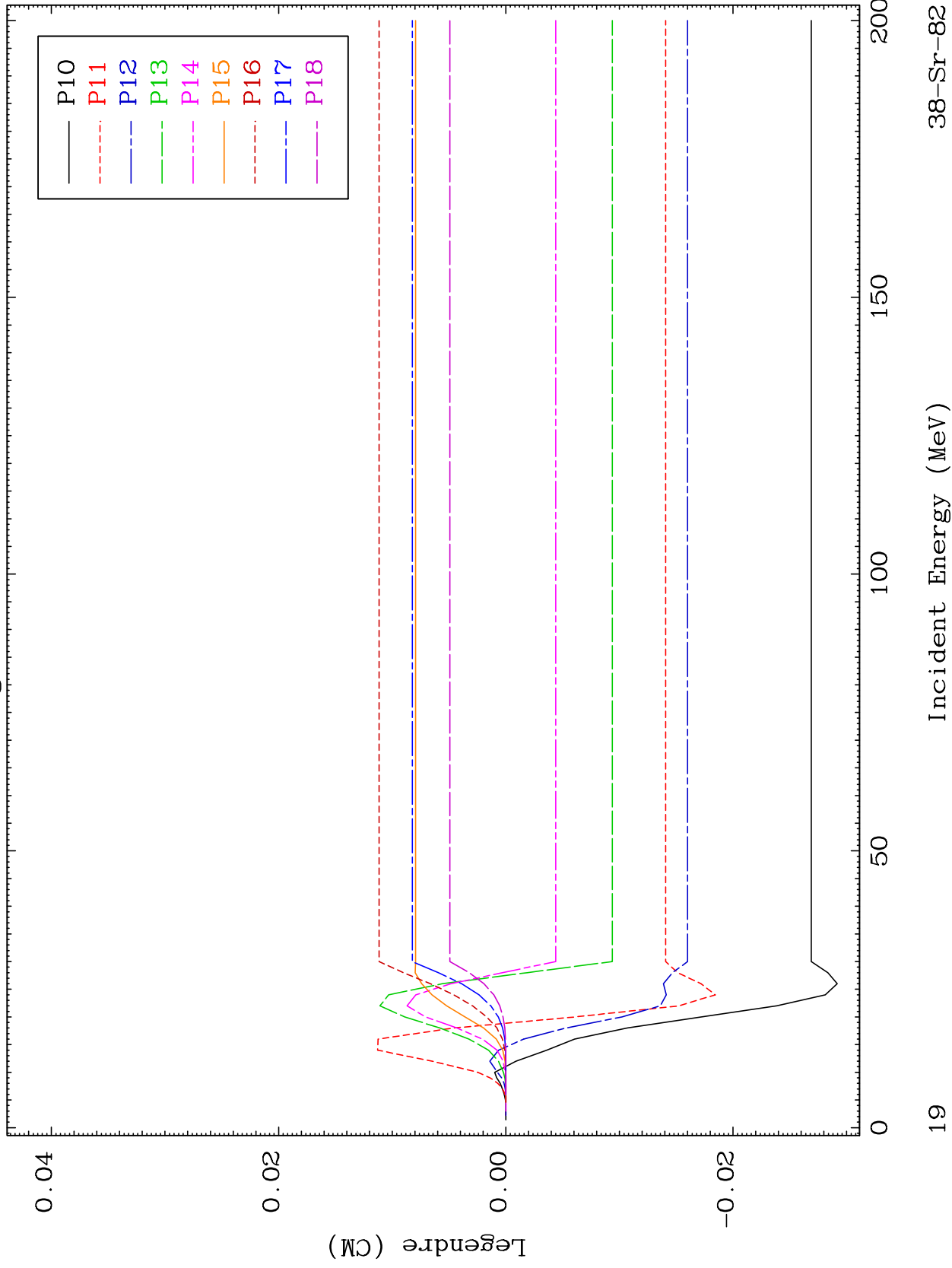
Incident Energy (MeV)

38-Sr-82

MAT 3819

573.5 keV (n,n') Level
Legendre Coefficients

38-Sr-82



19

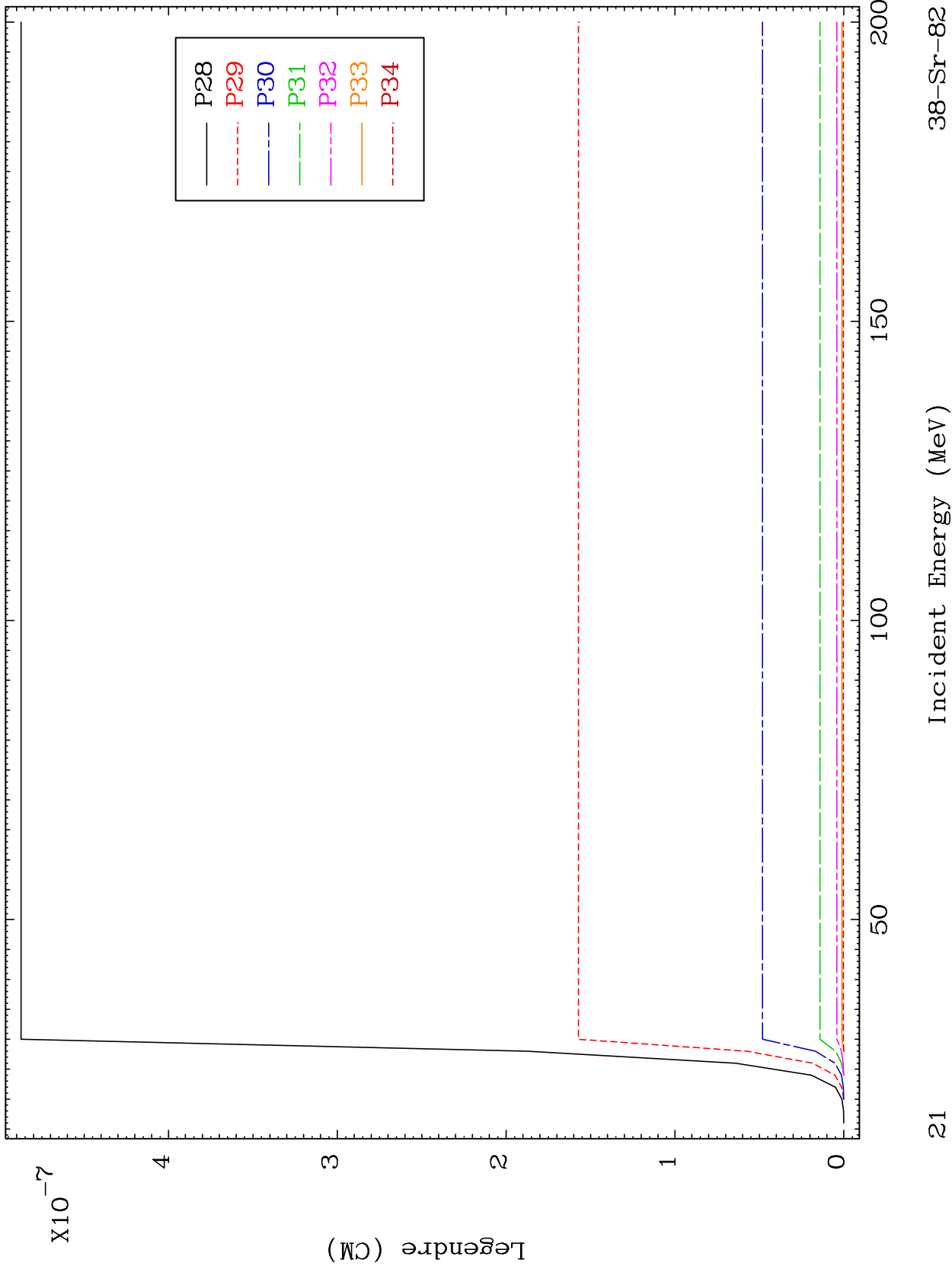
Incident Energy (MeV)

38-Sr-82

MAT 3819

573.5 keV (n,n') Level
Legendre Coefficients

38-Sr-82



21

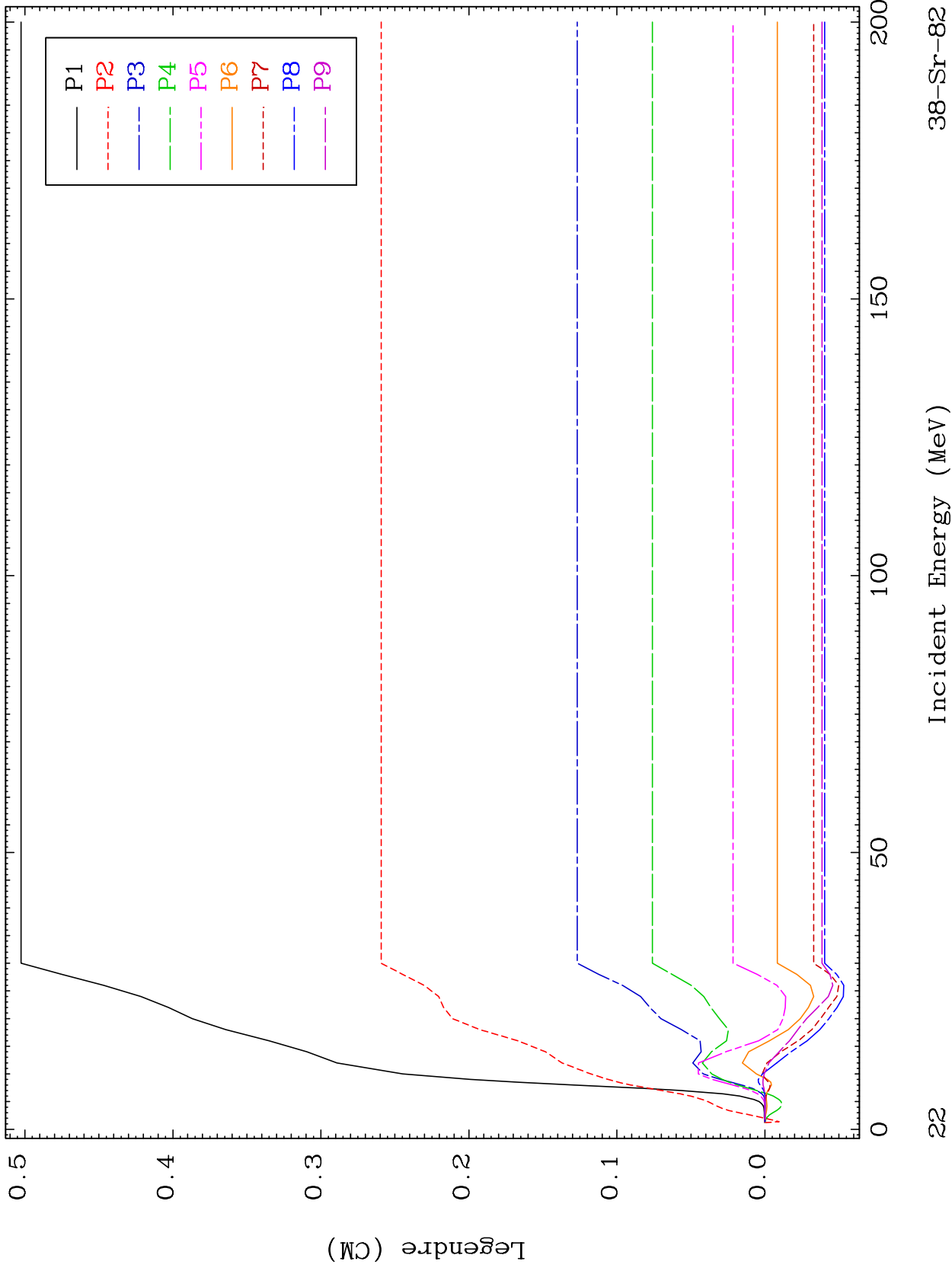
Incident Energy (MeV)

38-Sr-82

MAT 3819

1.176 MeV (n,n') Level
Legendre Coefficients

38-Sr-82

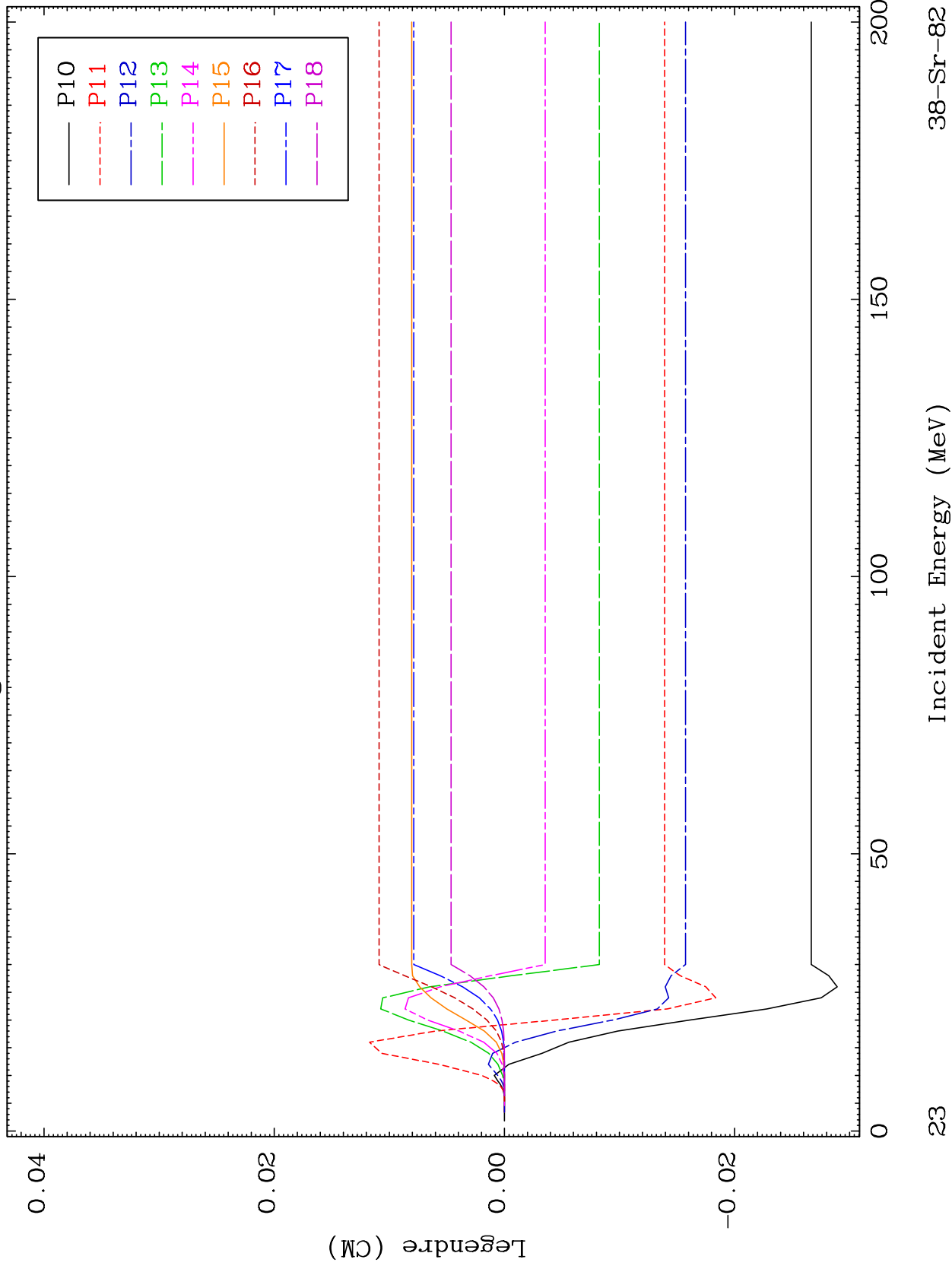


22

MAT 3819

1.176 MeV (n,n') Level
Legendre Coefficients

38-Sr-82



23

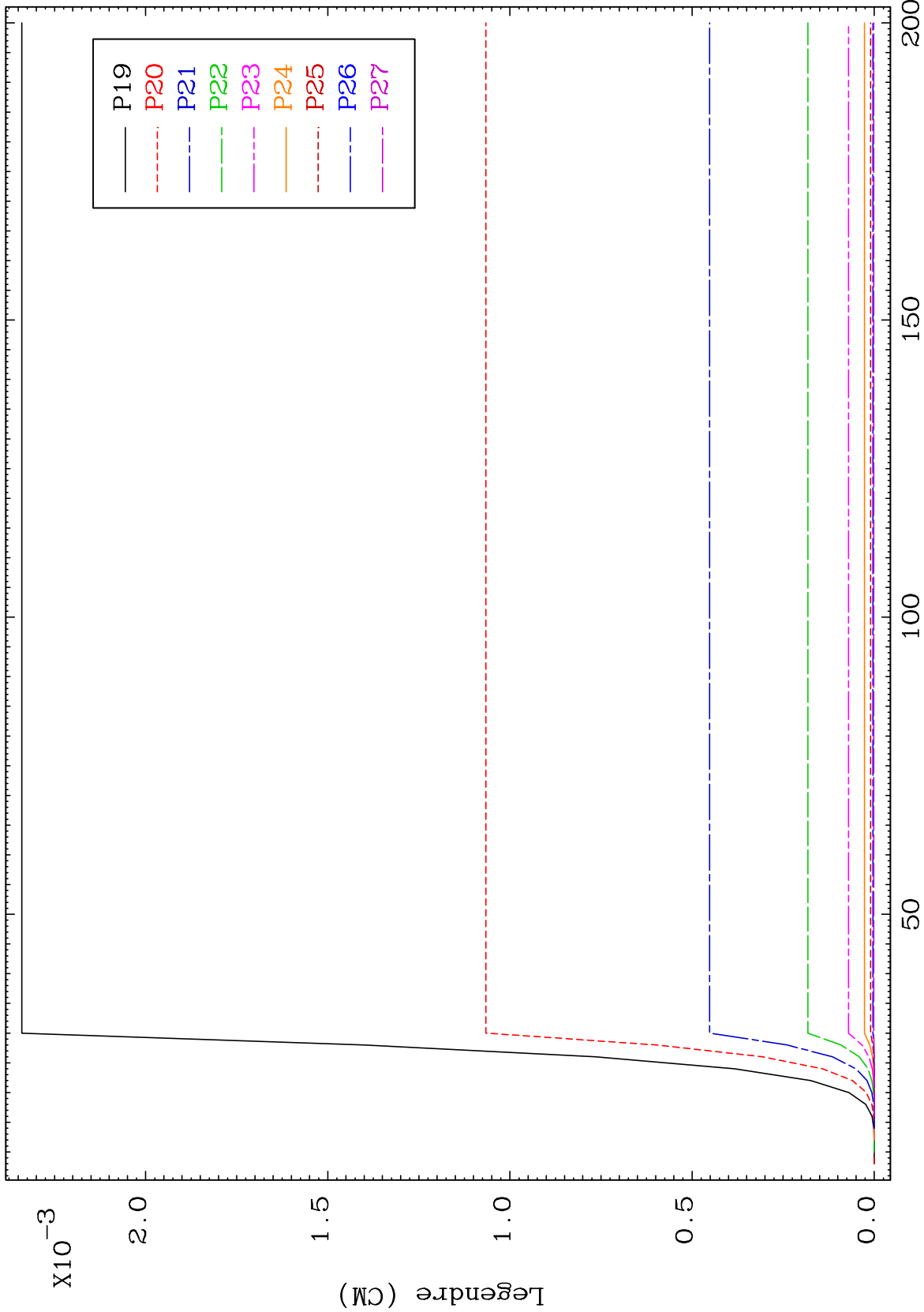
Incident Energy (MeV)

38-Sr-82

MAT 3819

1.176 MeV (n,n') Level
Legendre Coefficients

38-Sr-82



24

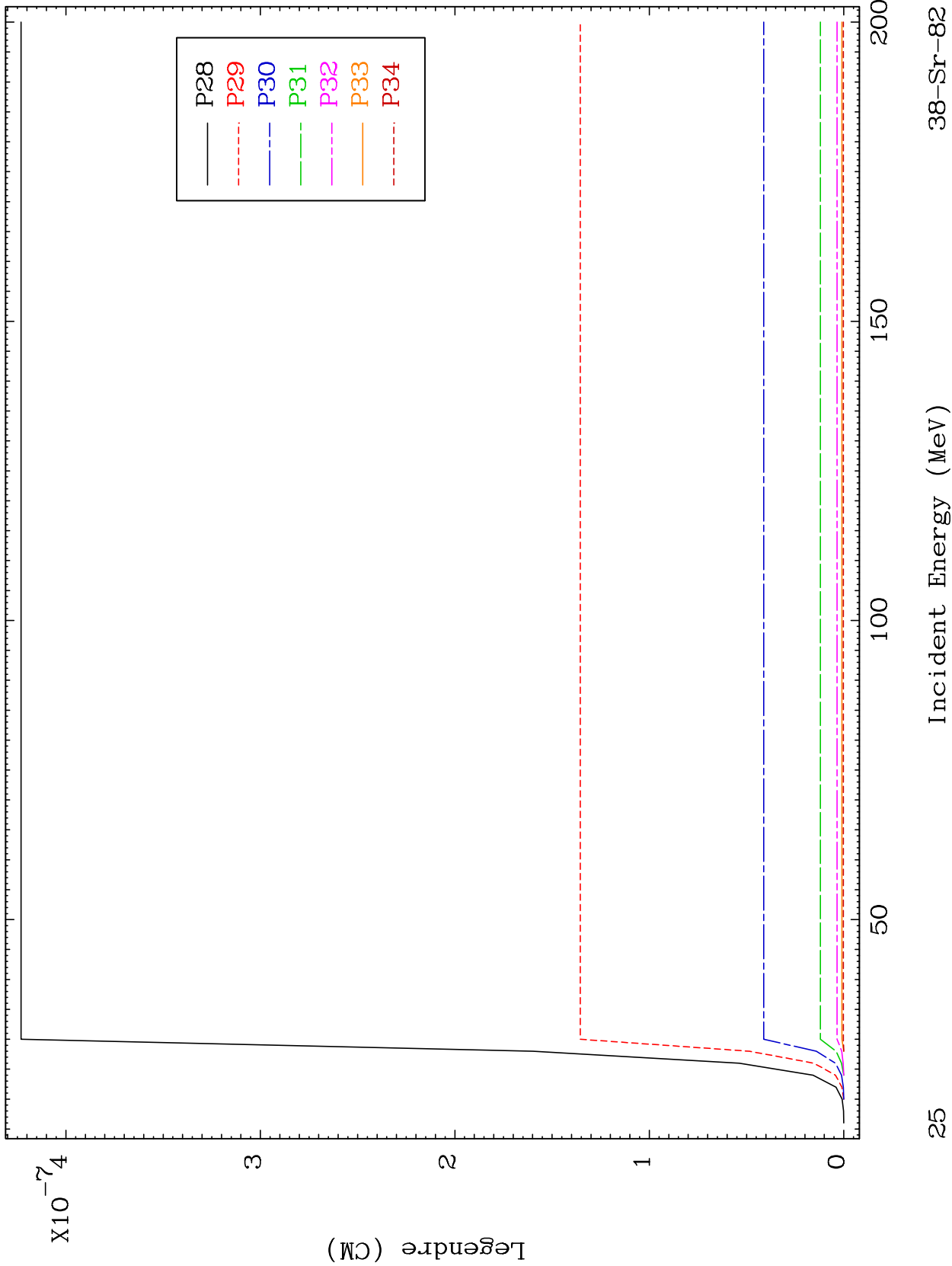
Incident Energy (MeV)

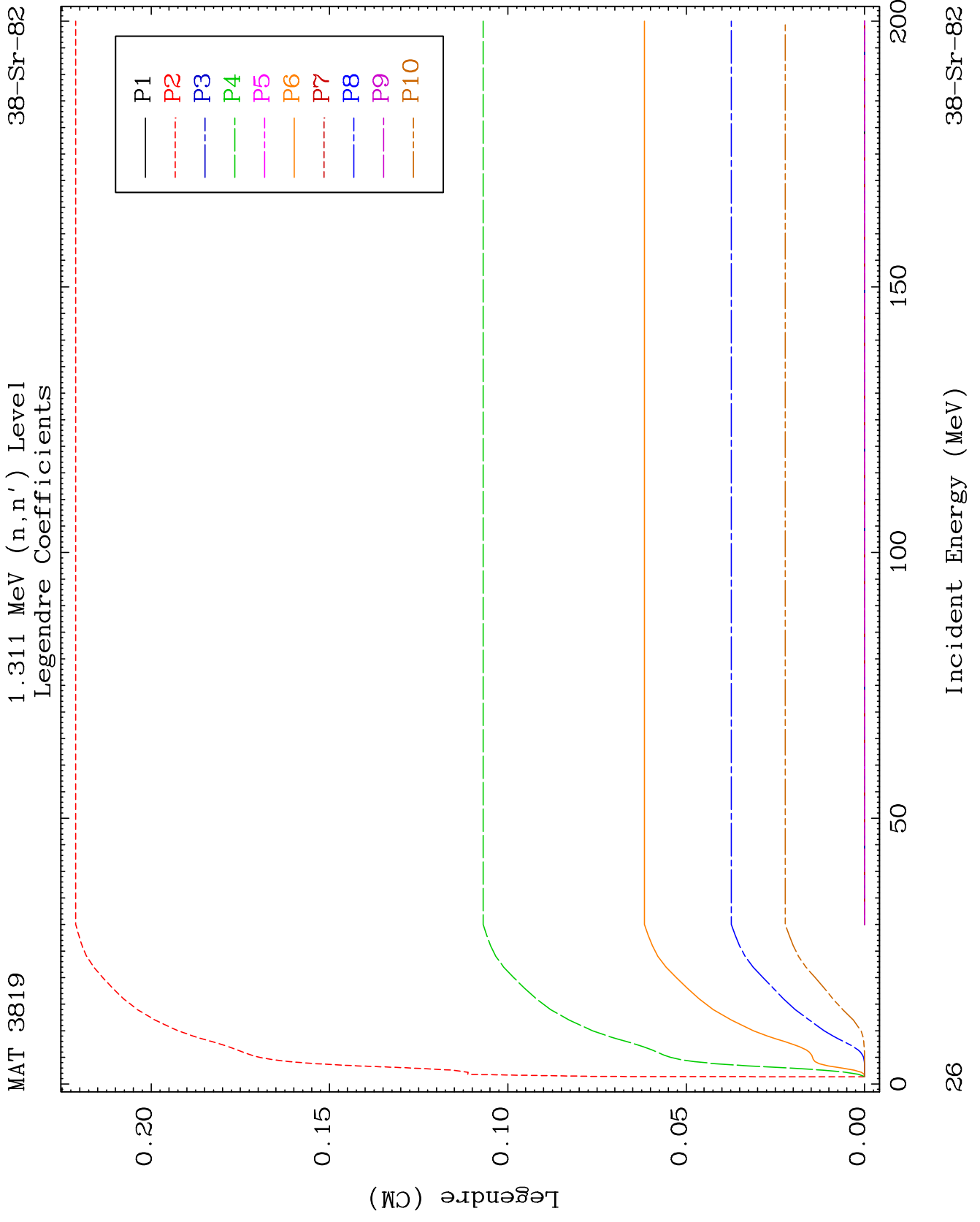
38-Sr-82

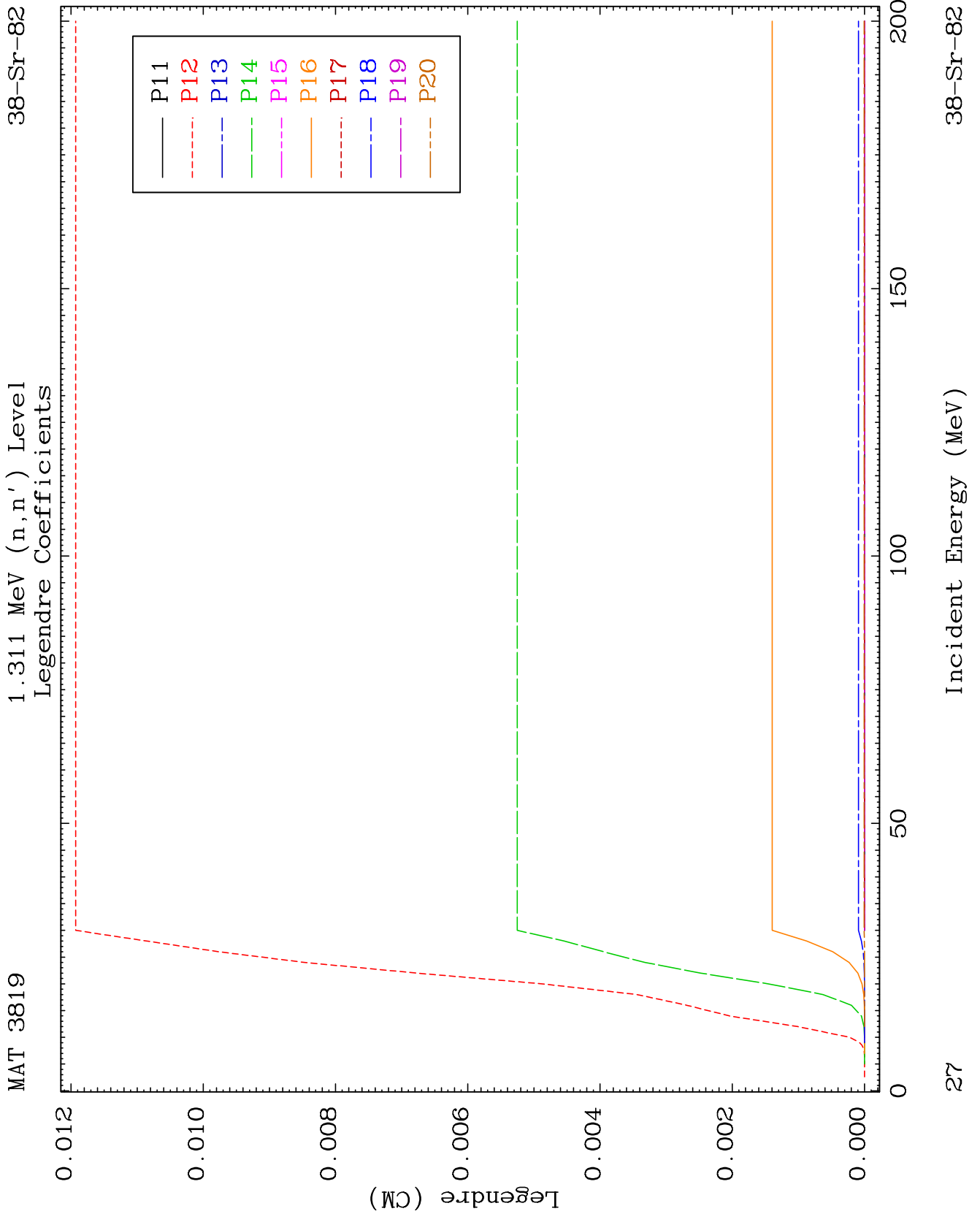
MAT 3819

1.176 MeV (n,n') Level
Legendre Coefficients

38-Sr-82



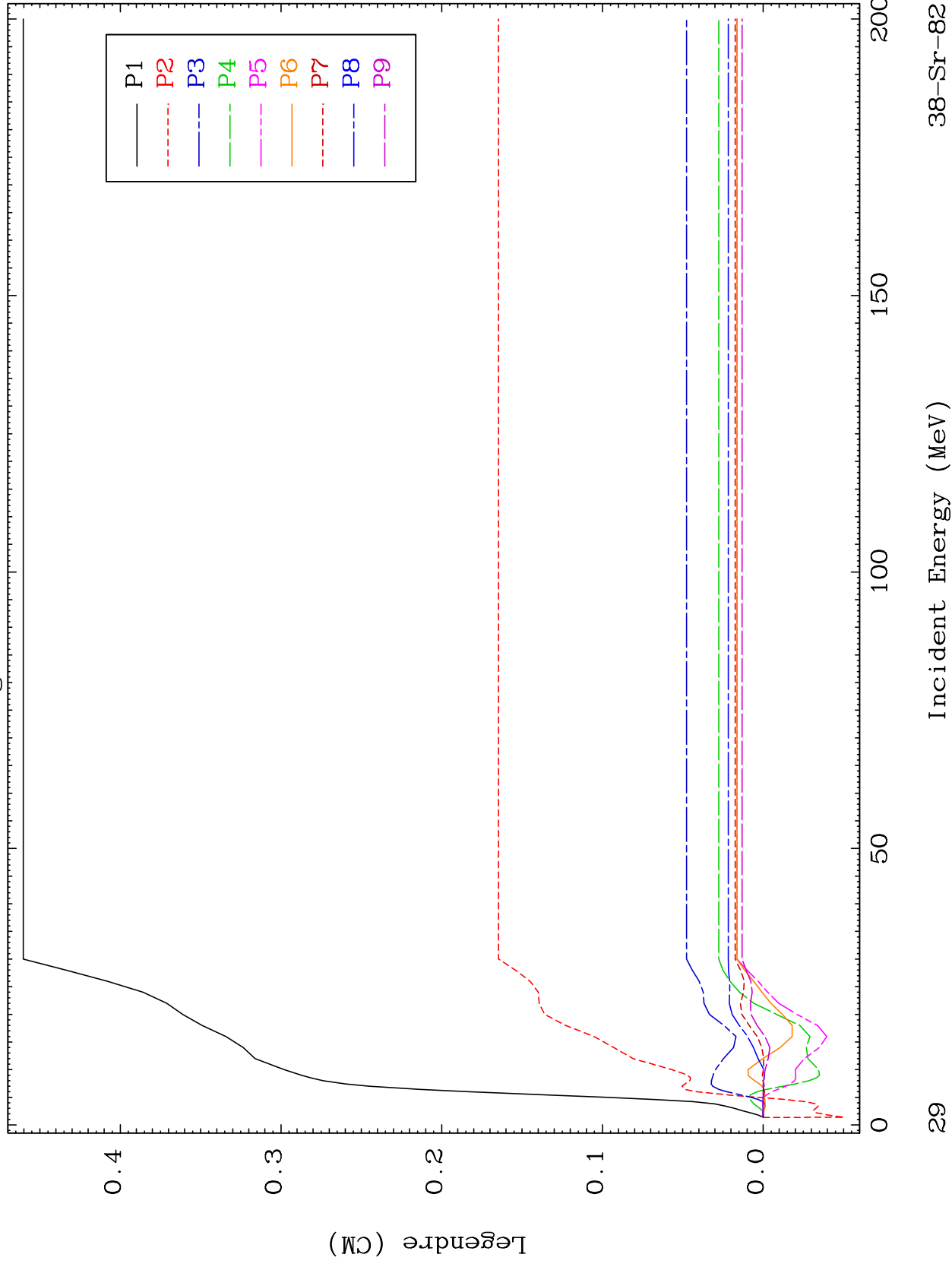




MAT 3819

1.329 MeV (n,n') Level
Legendre Coefficients

38-Sr-82



29

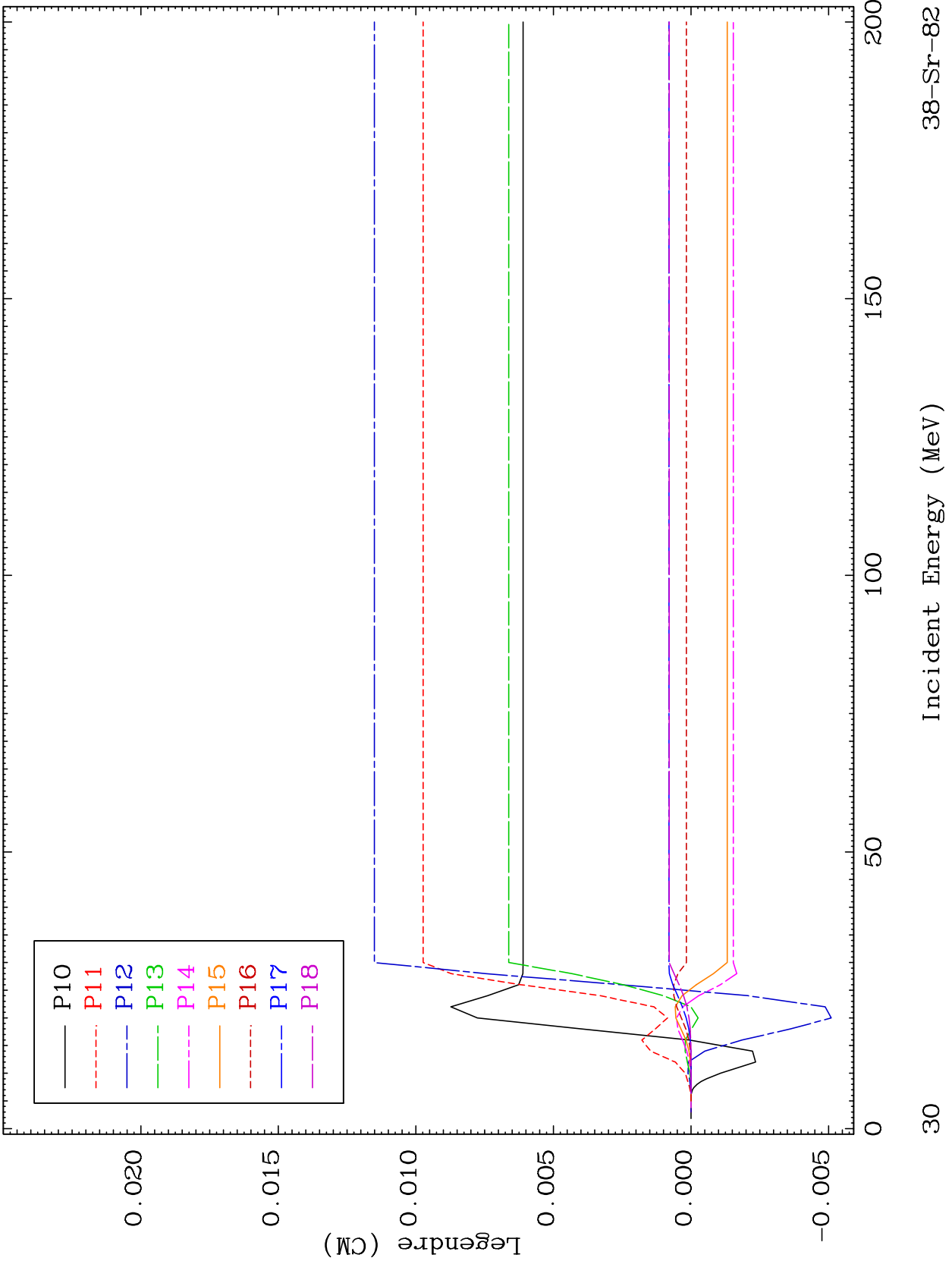
Incident Energy (MeV)

38-Sr-82

MAT 3819

1.329 MeV (n,n') Level
Legendre Coefficients

38-Sr-82



38-Sr-82

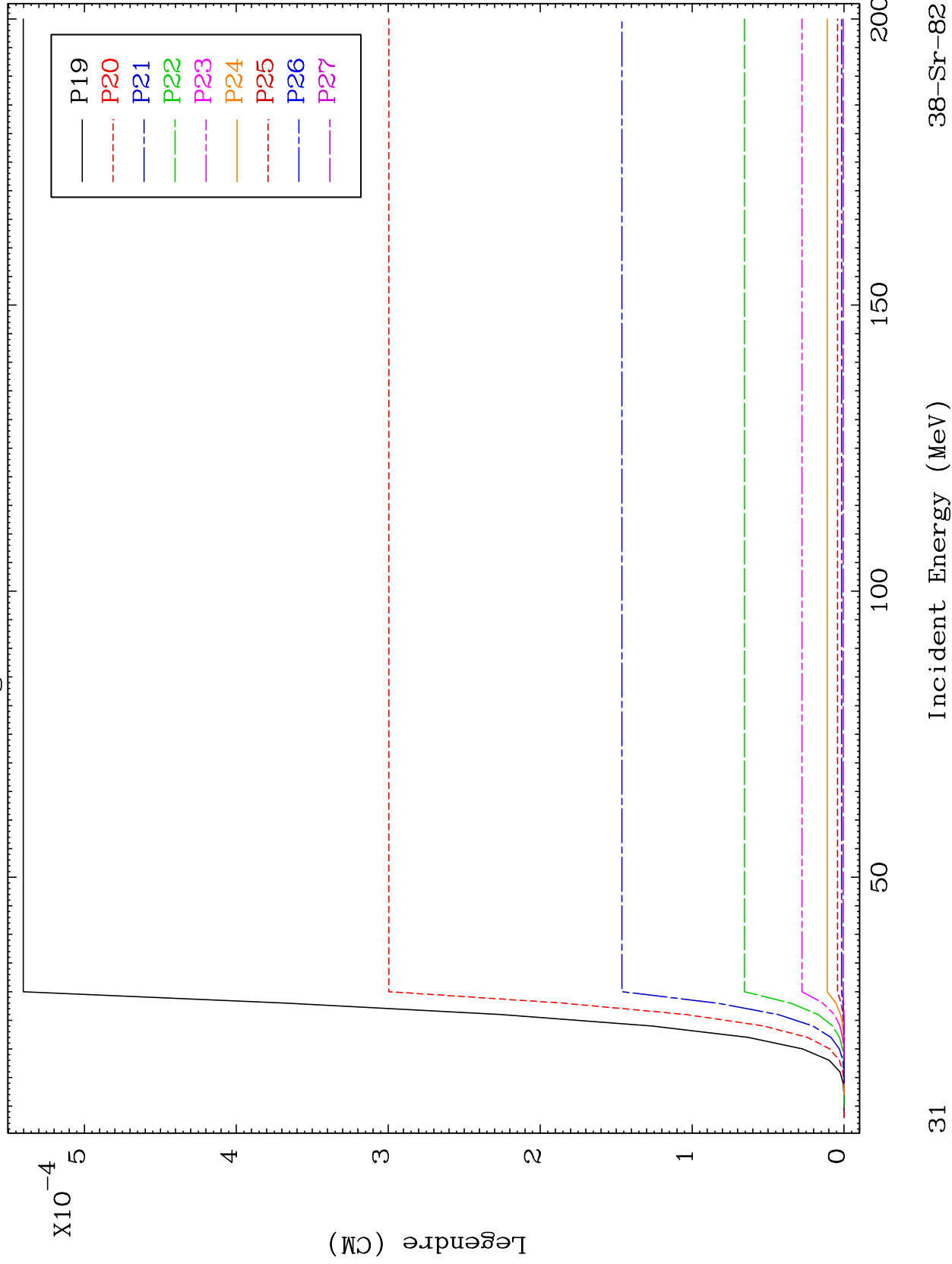
Incident Energy (MeV)

30

MAT 3819

1.329 MeV (n,n') Level
Legendre Coefficients

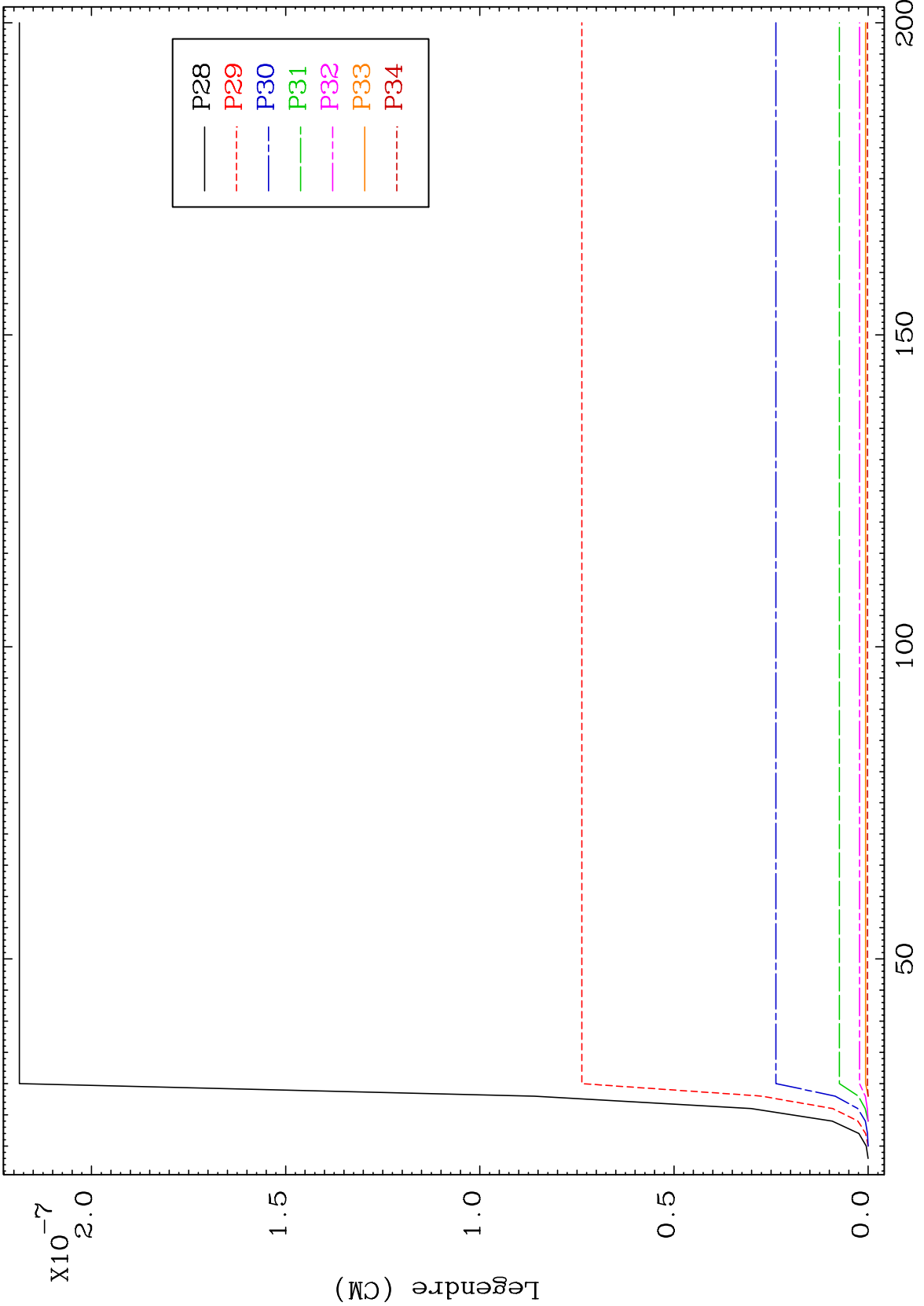
38-Sr-82



MAT 3819

1.329 MeV (n,n') Level
Legendre Coefficients

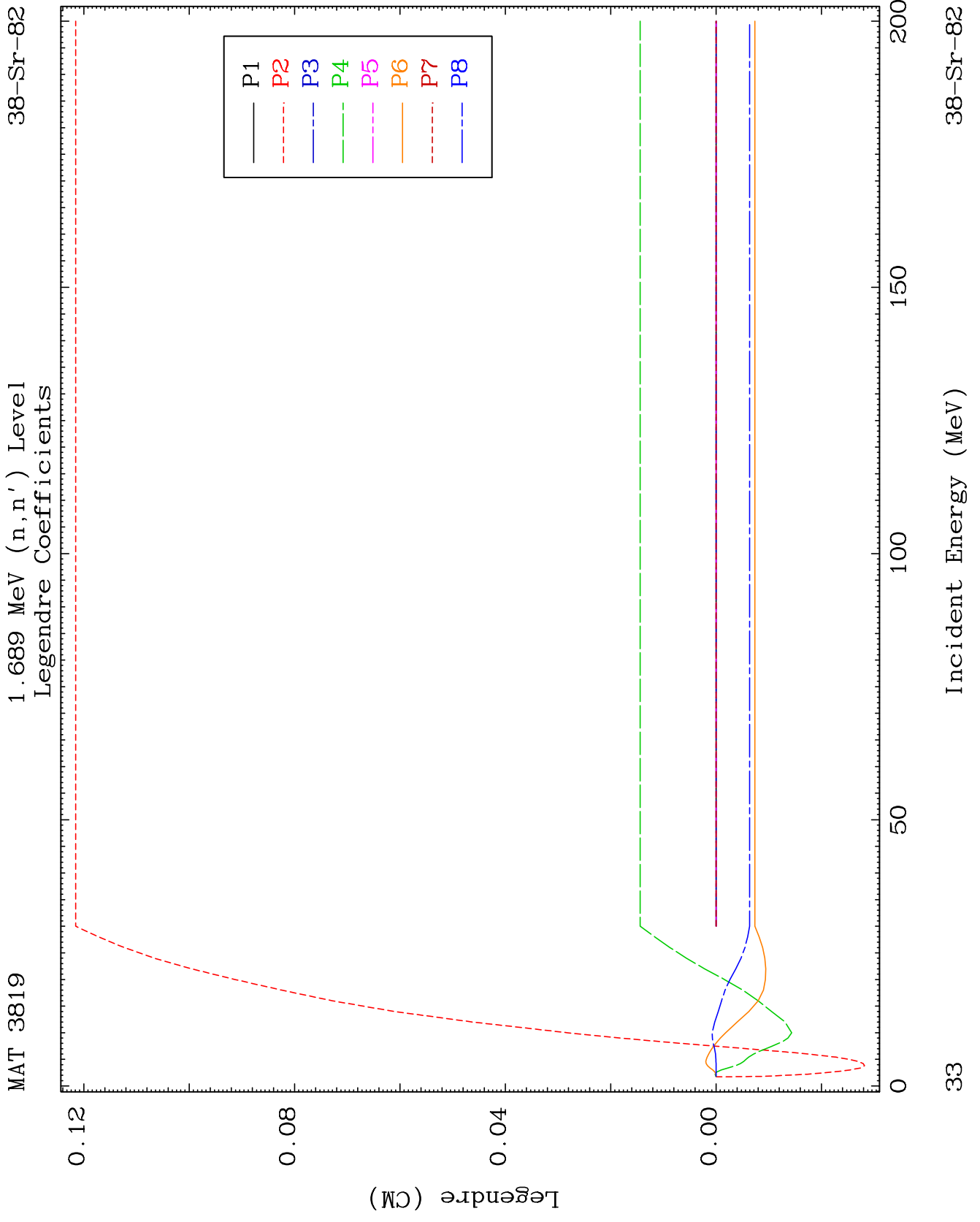
38-Sr-82



38-Sr-82

Incident Energy (MeV)

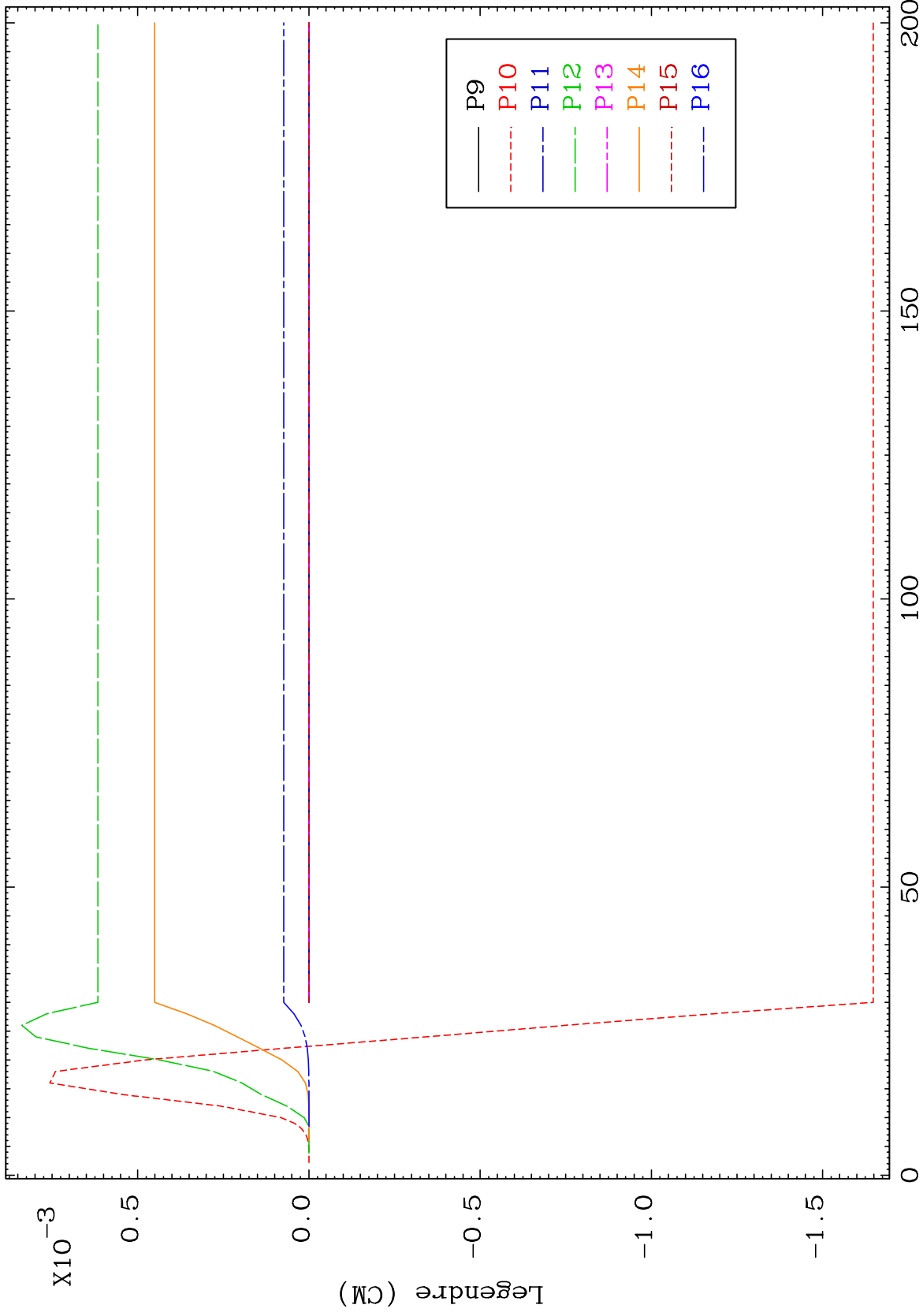
32



MAT 3819

1.689 MeV (n,n') Level
Legendre Coefficients

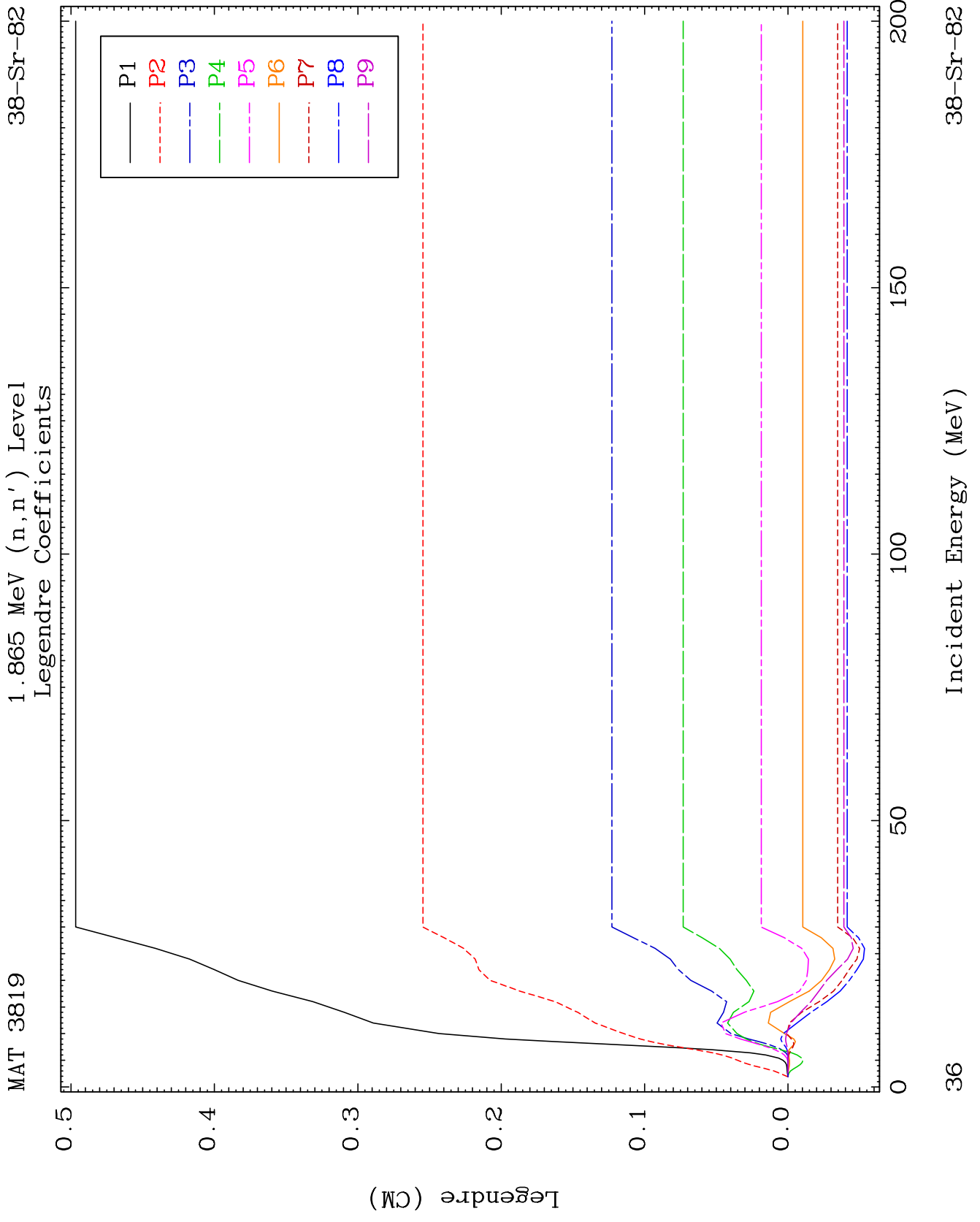
38-Sr-82



34

Incident Energy (MeV)

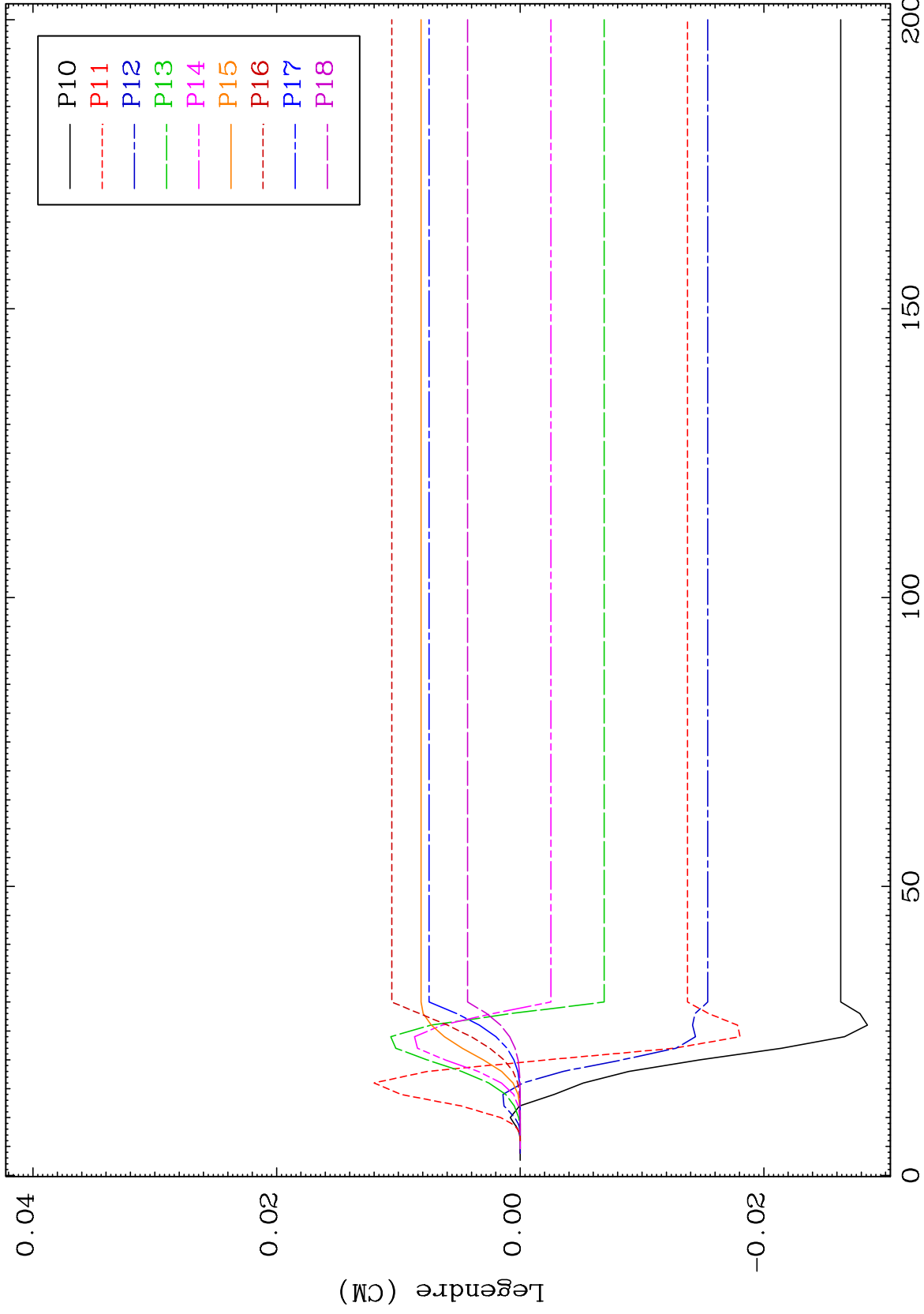
38-Sr-82



MAT 3819

1.865 MeV (n,n') Level
Legendre Coefficients

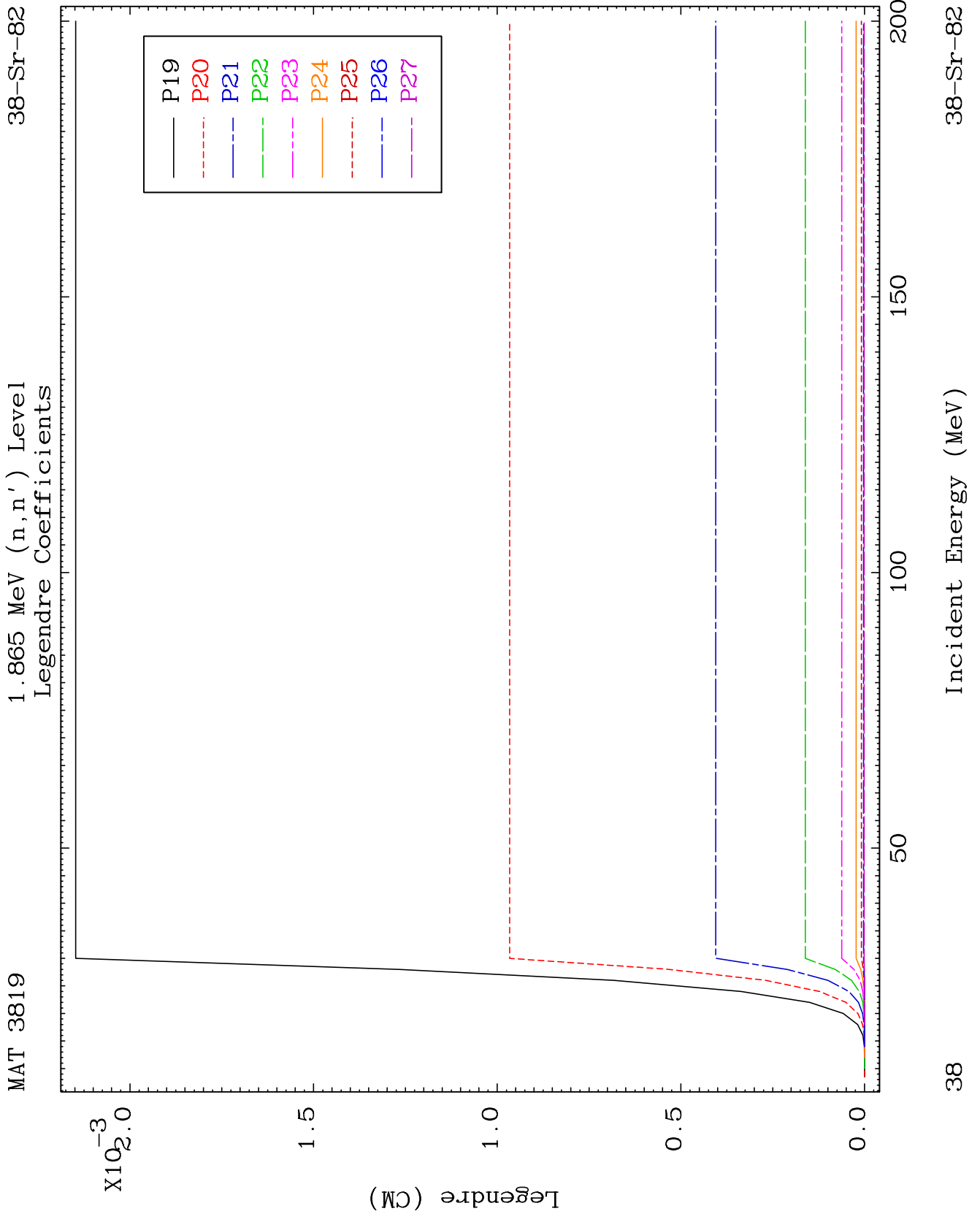
38-Sr-82



37

Incident Energy (MeV)

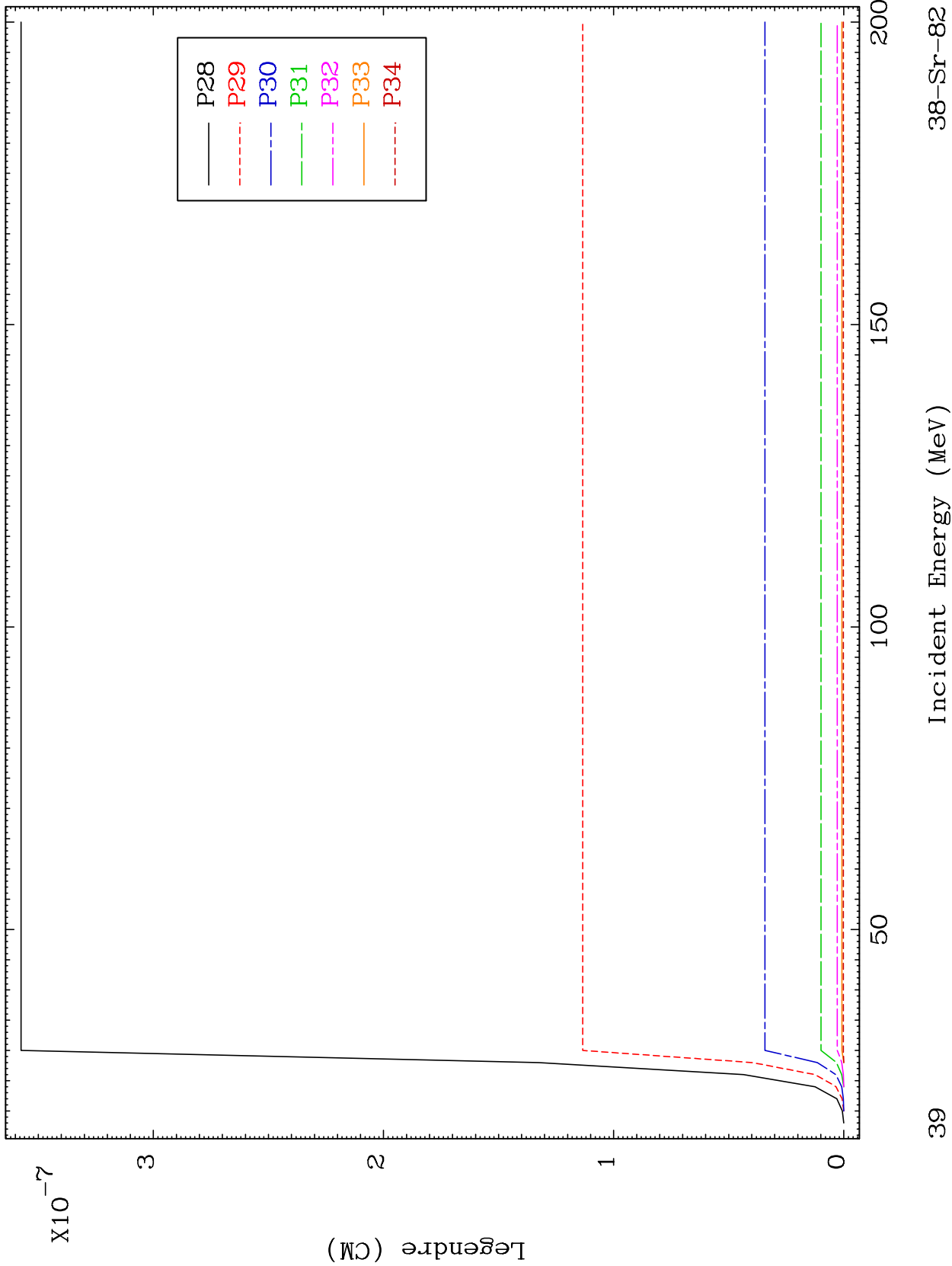
38-Sr-82



MAT 3819

1.865 MeV (n,n') Level
Legendre Coefficients

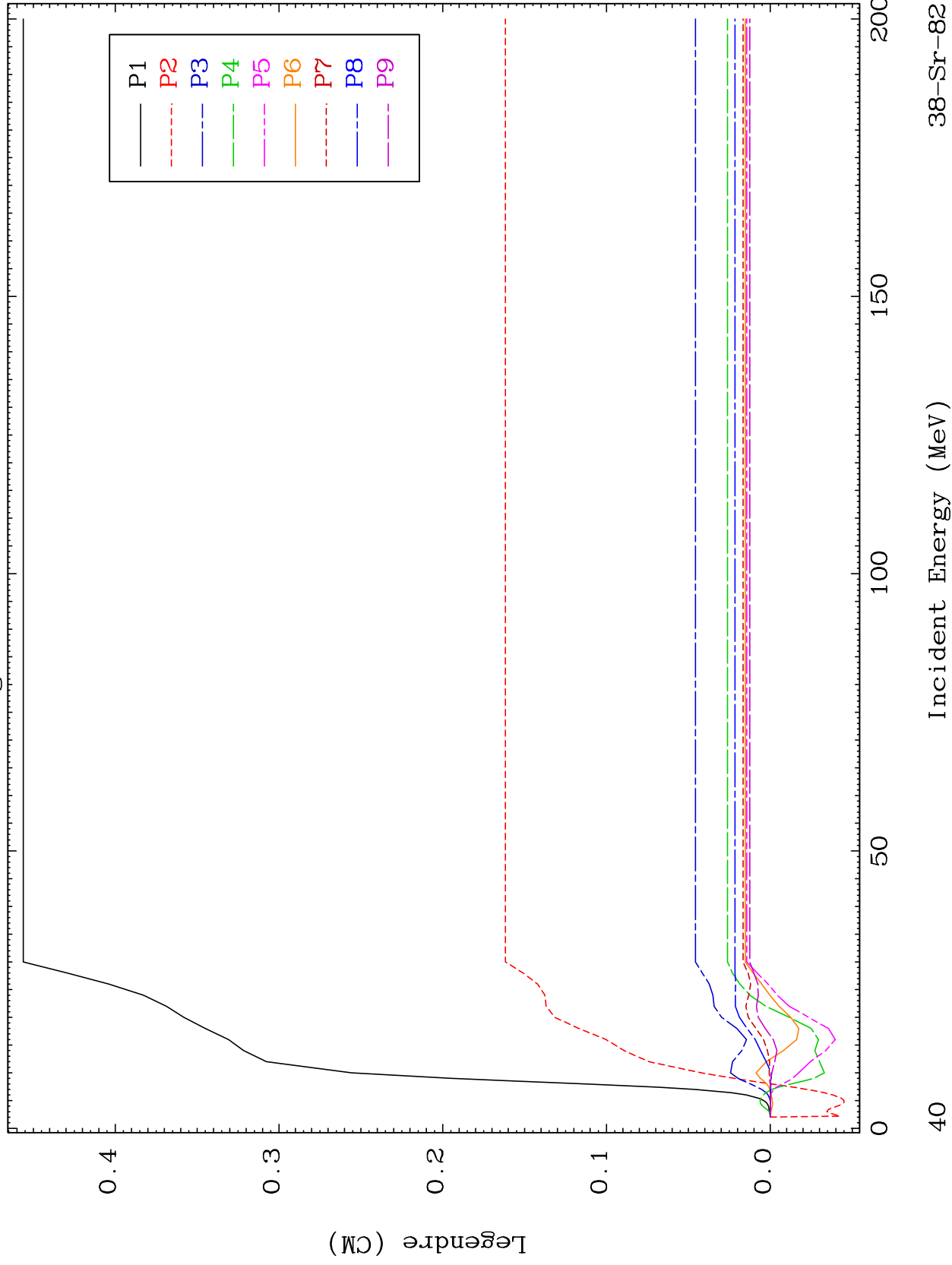
38-Sr-82



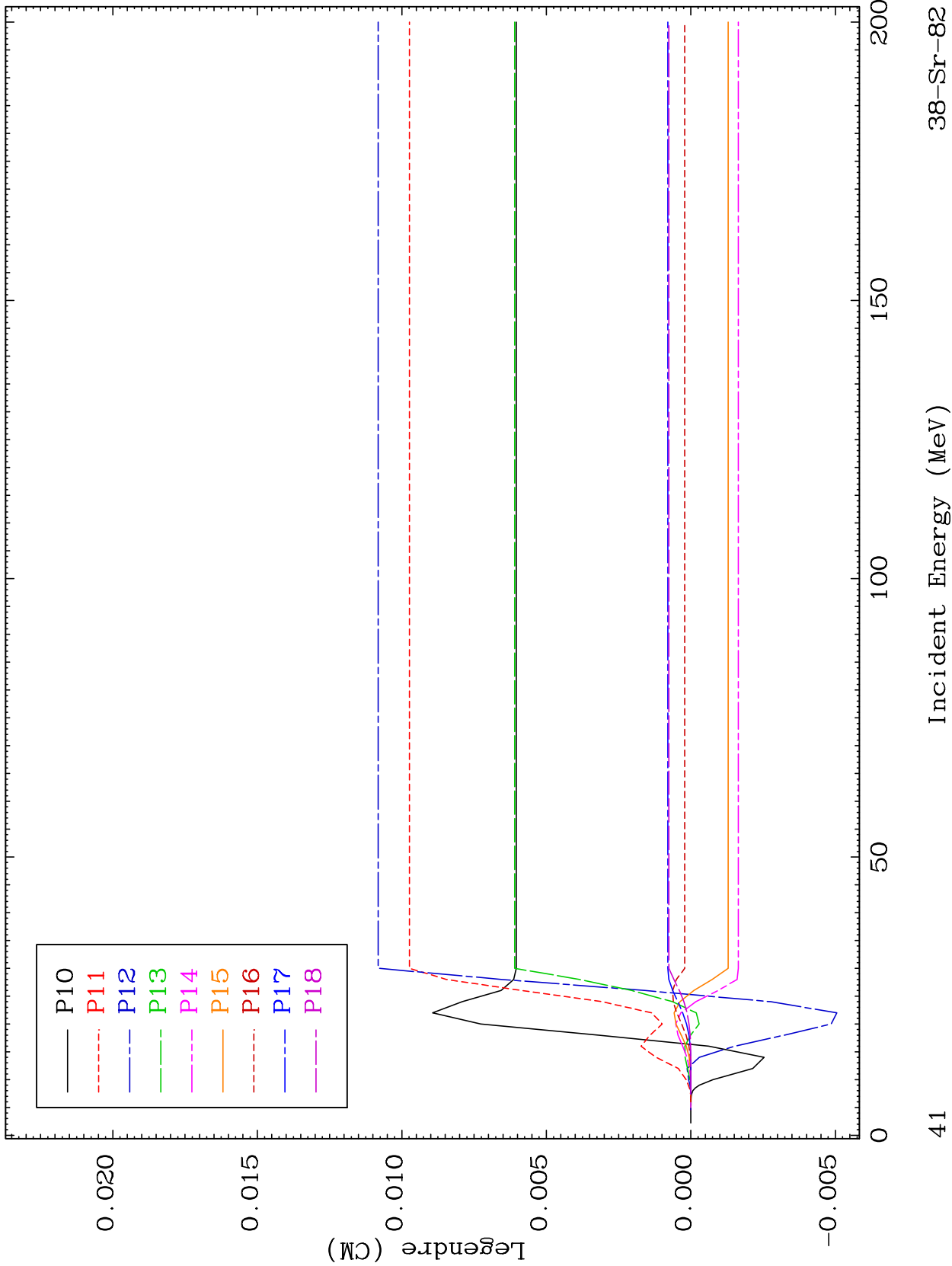
MAT 3819

1.996 MeV (n,n') Level
Legendre Coefficients

³⁸Sr-82



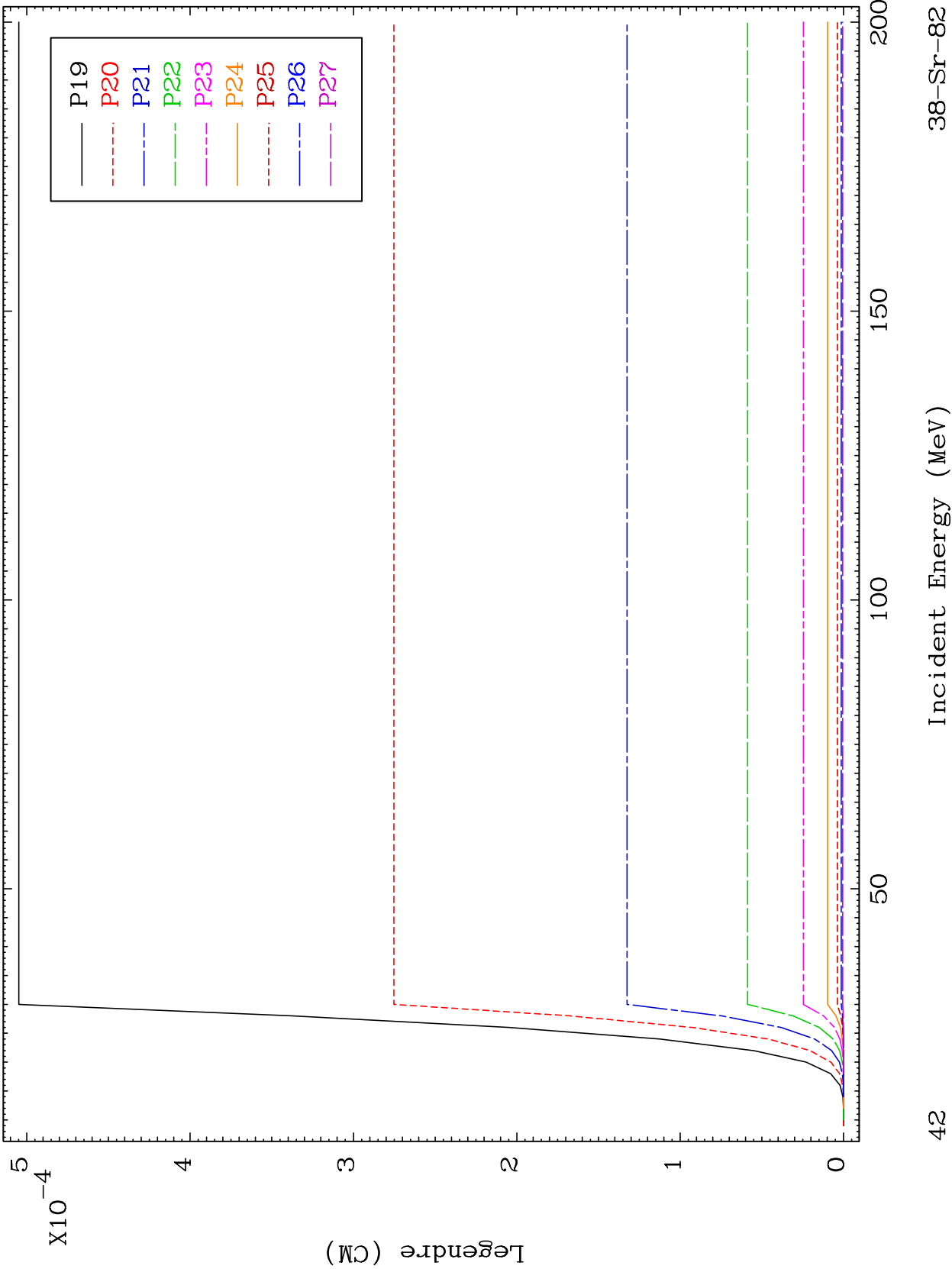
³⁸Sr-82



MAT 3819

1.996 MeV (n,n') Level
Legendre Coefficients

38-Sr-82



42

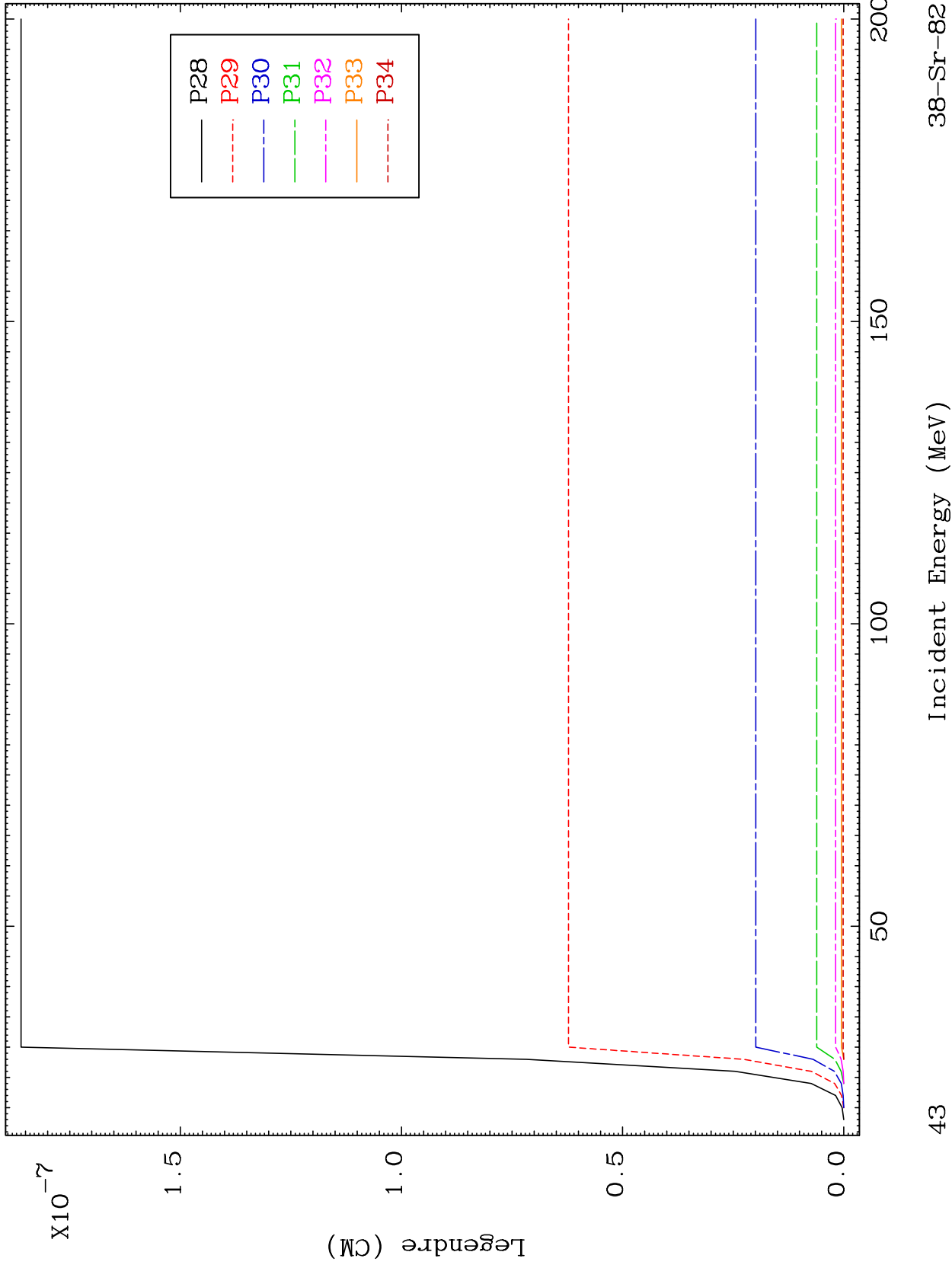
Incident Energy (MeV)

38-Sr-82

MAT 3819

1.996 MeV (n,n') Level
Legendre Coefficients

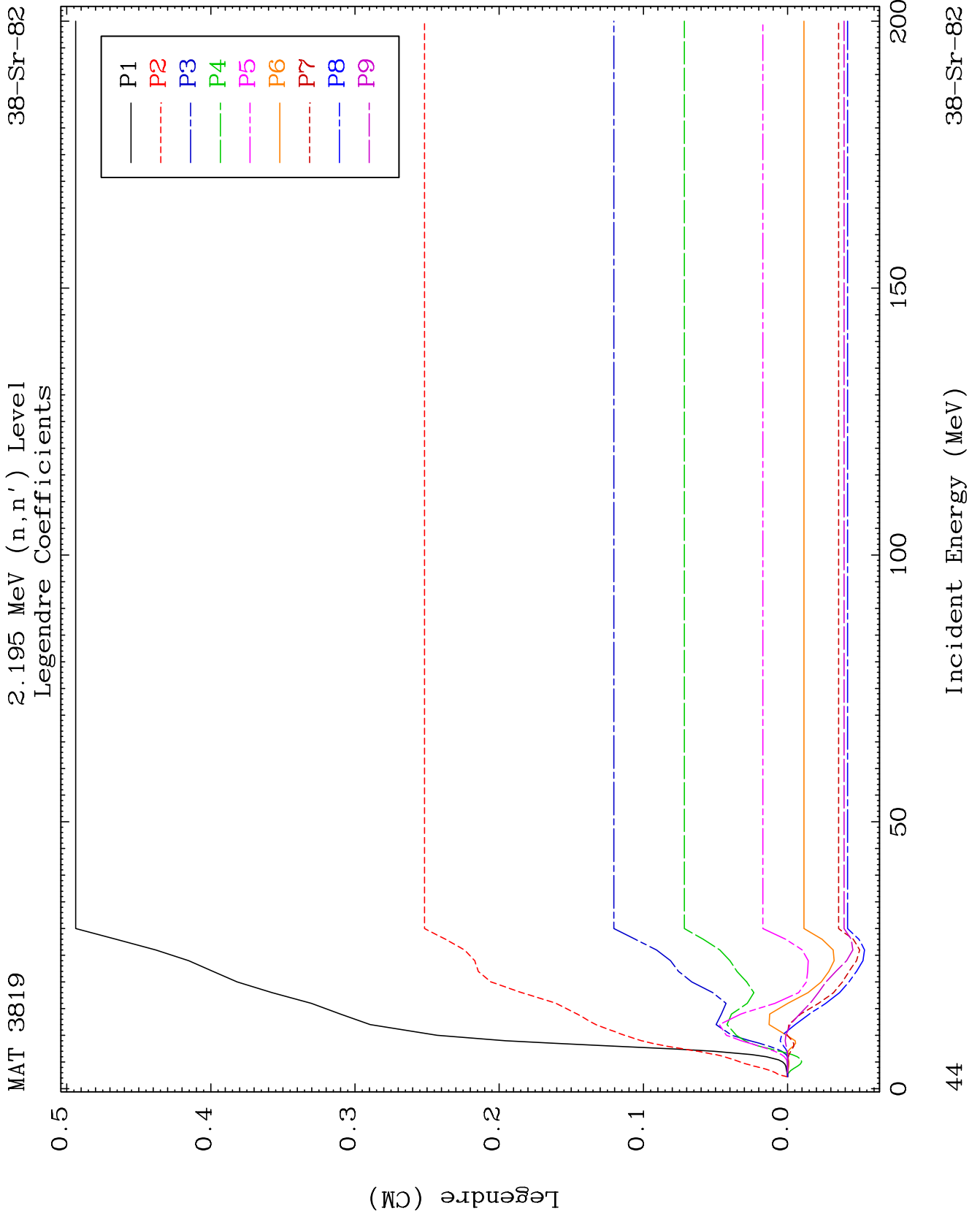
38-Sr-82

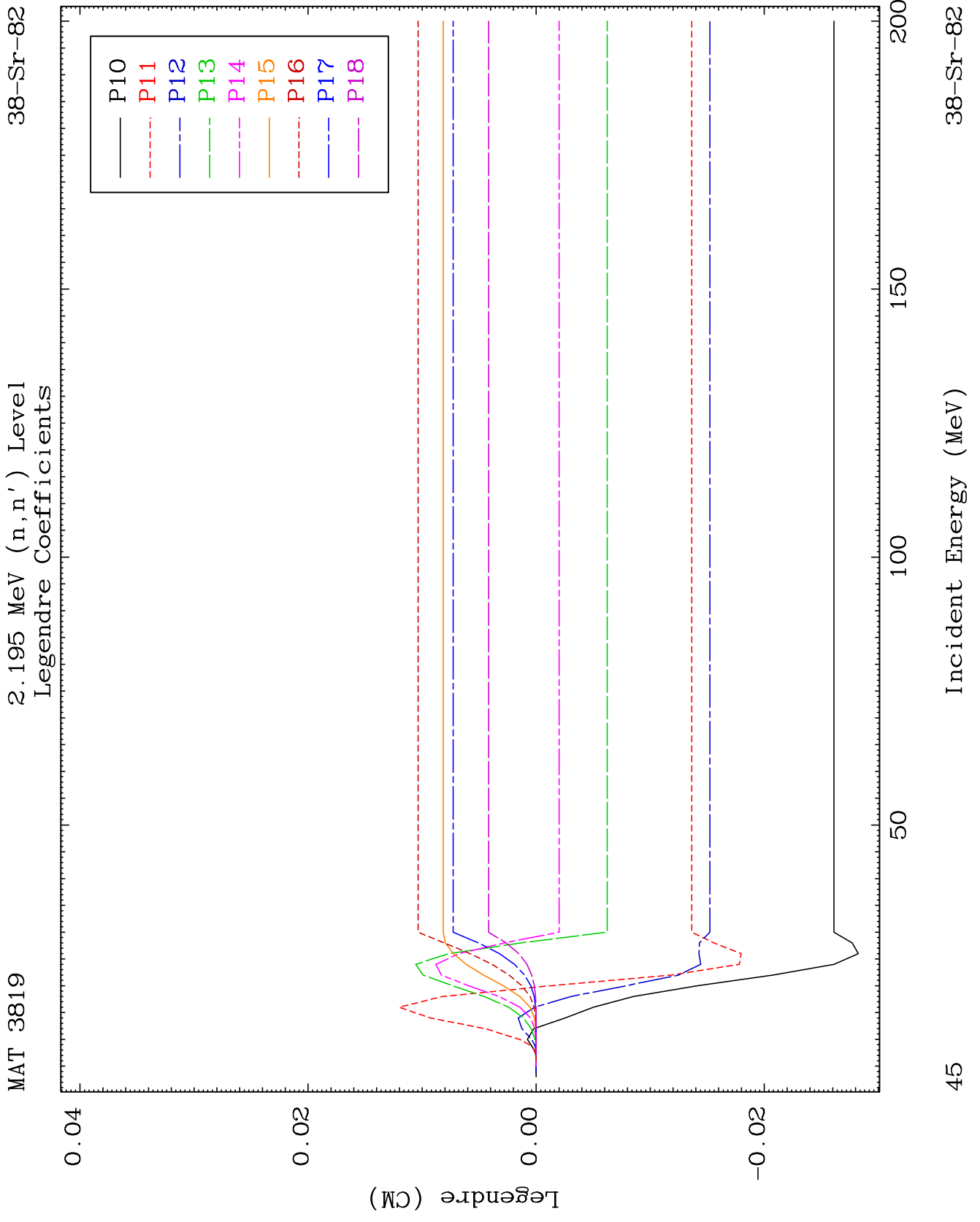


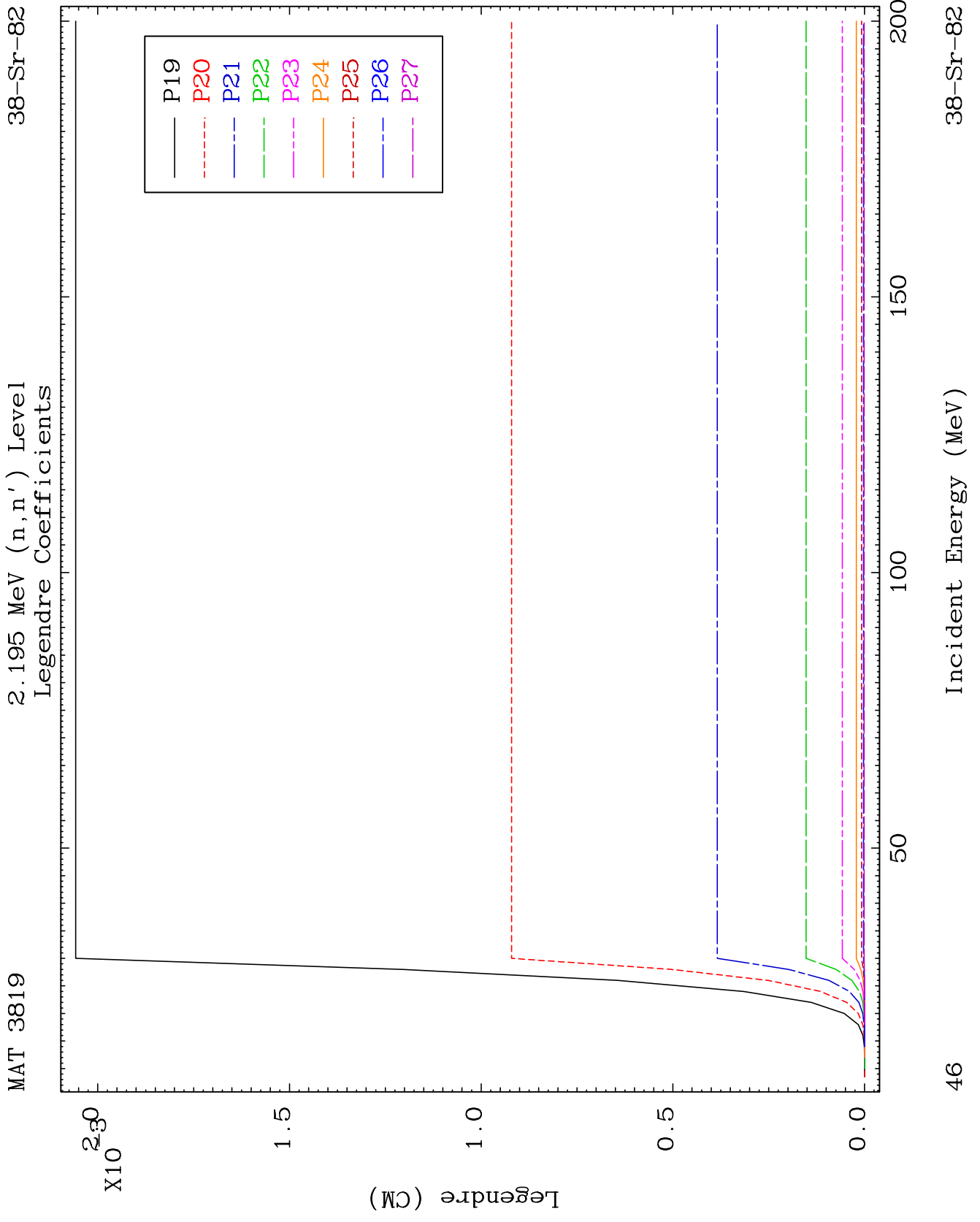
43

Incident Energy (MeV)

38-Sr-82



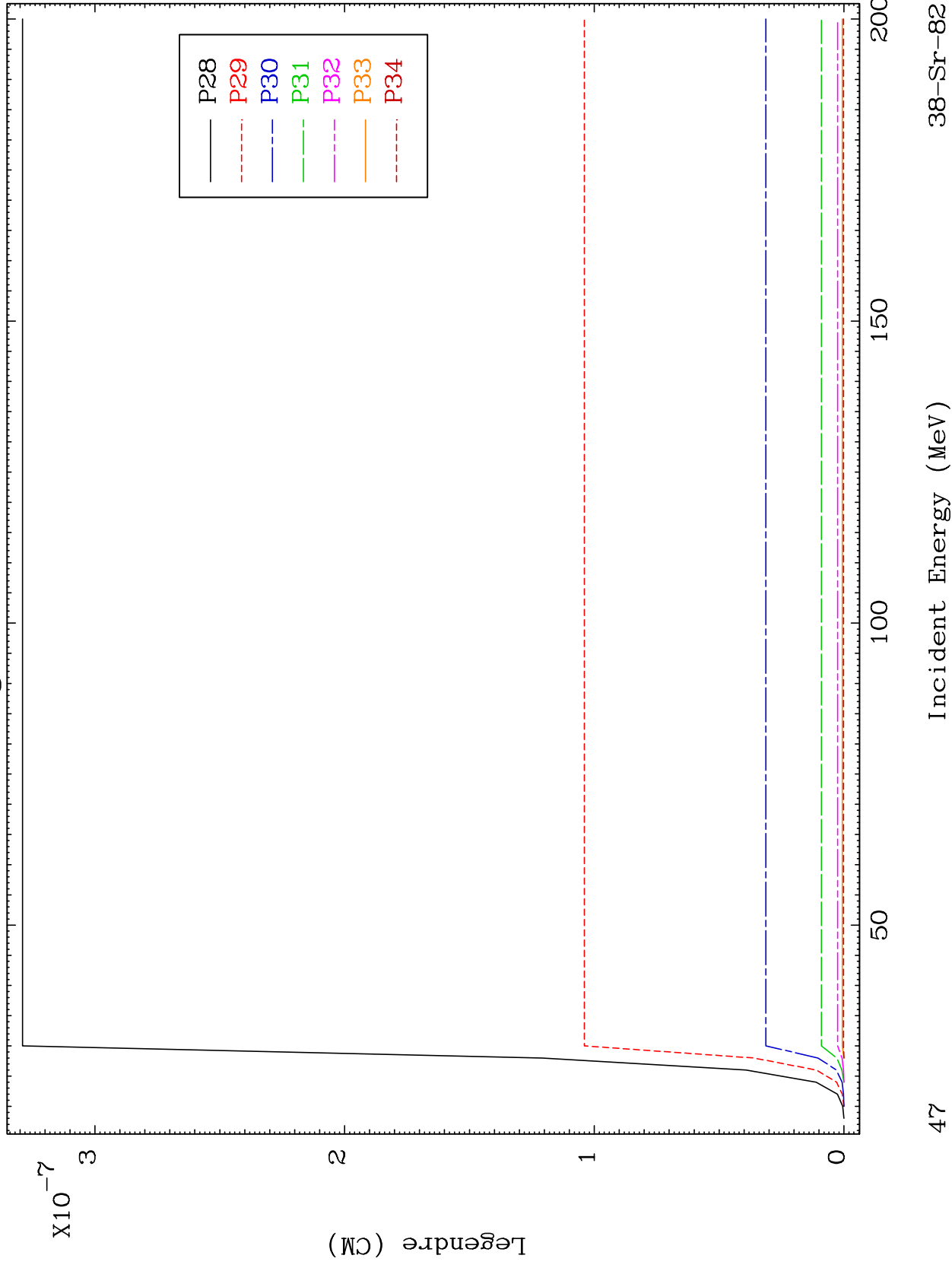


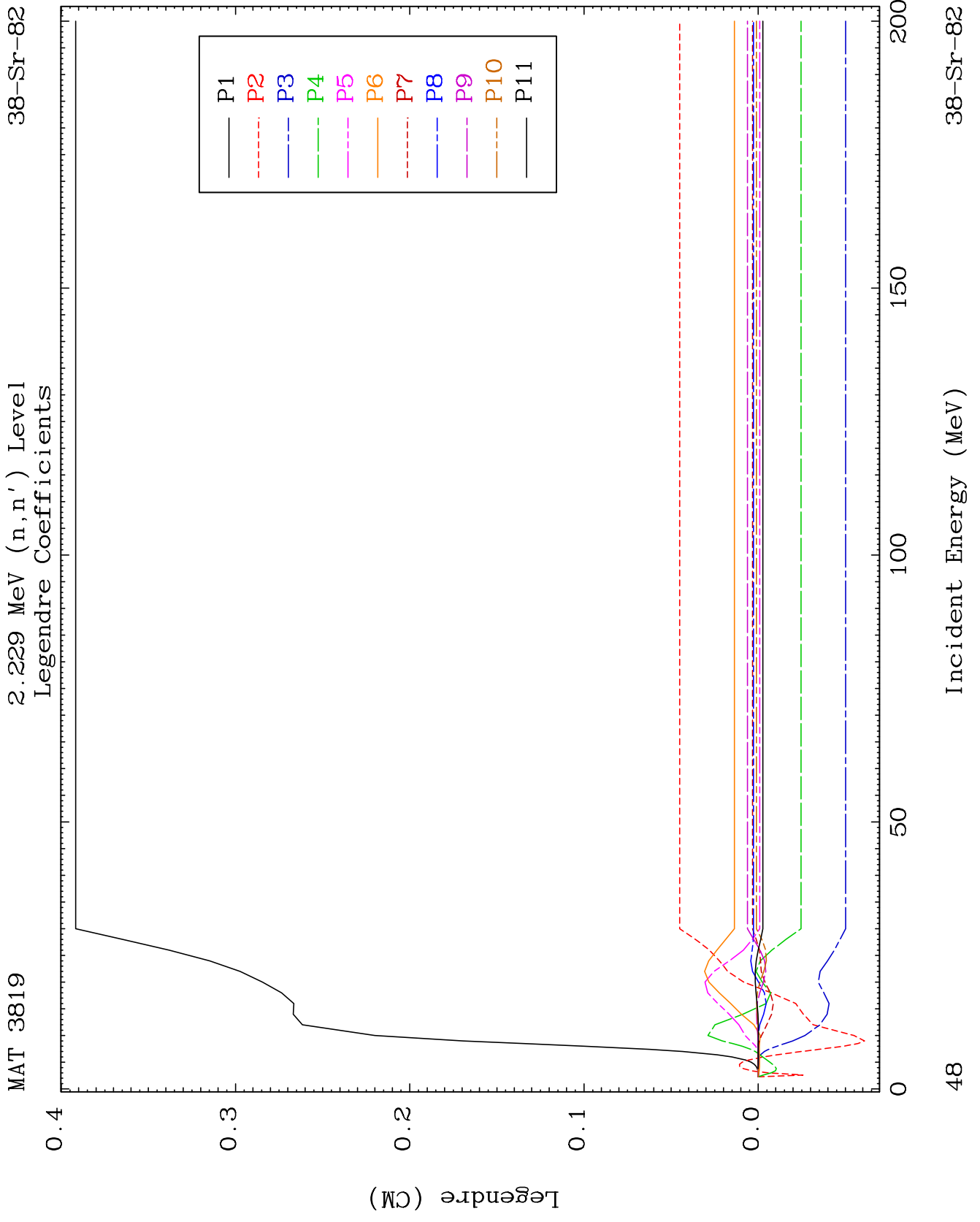


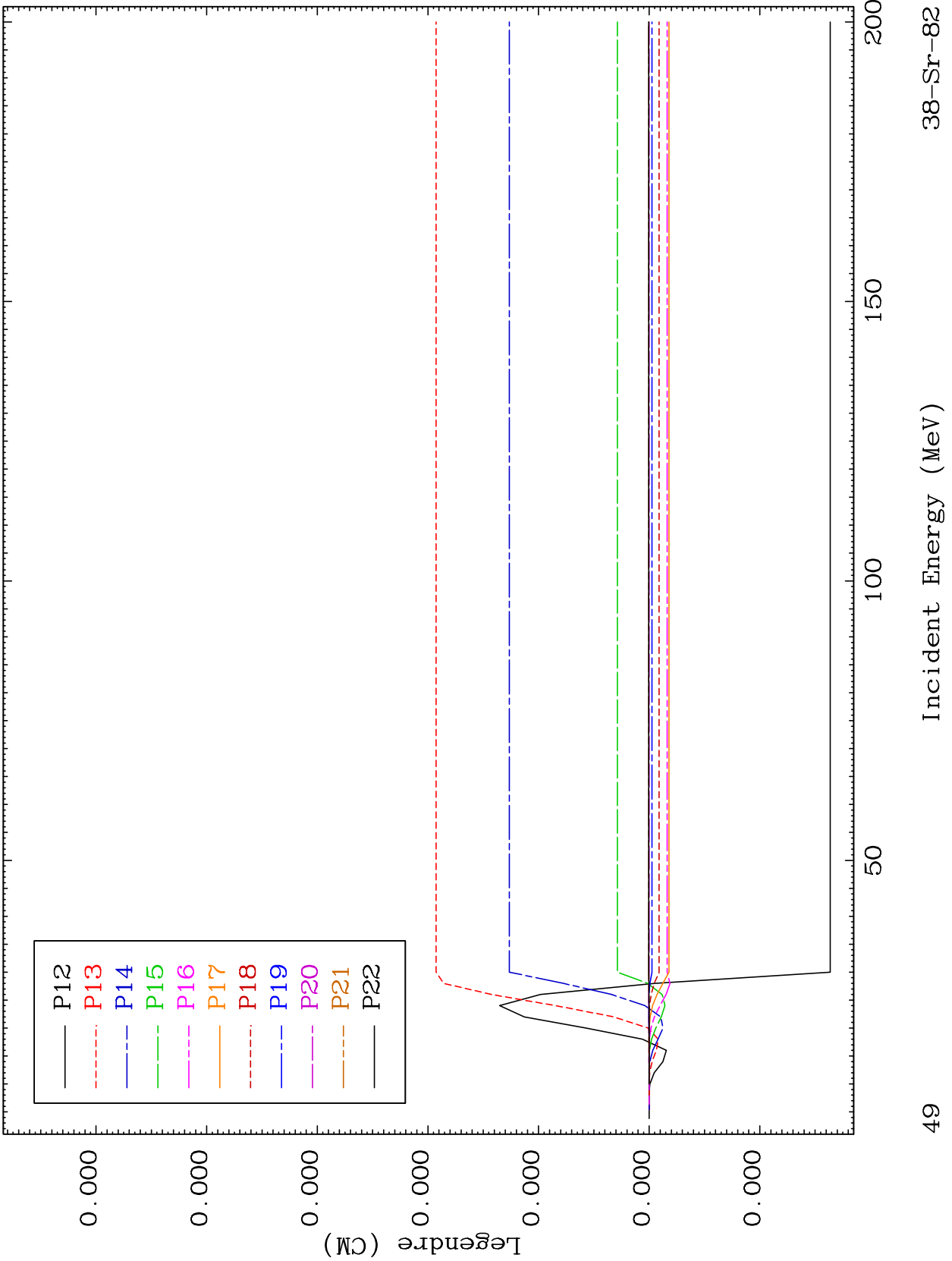
MAT 3819

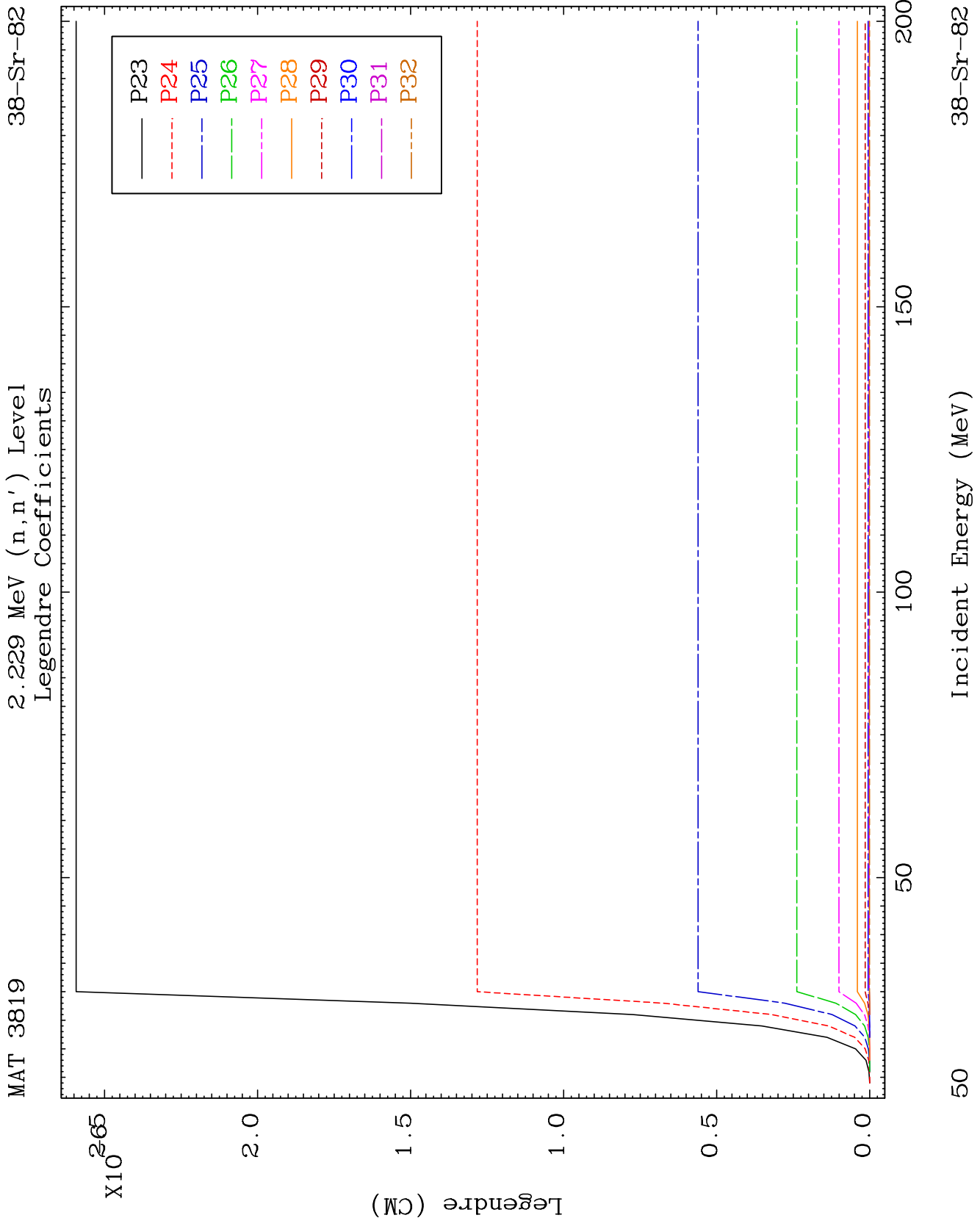
2.195 MeV (n,n') Level
Legendre Coefficients

38-Sr-82





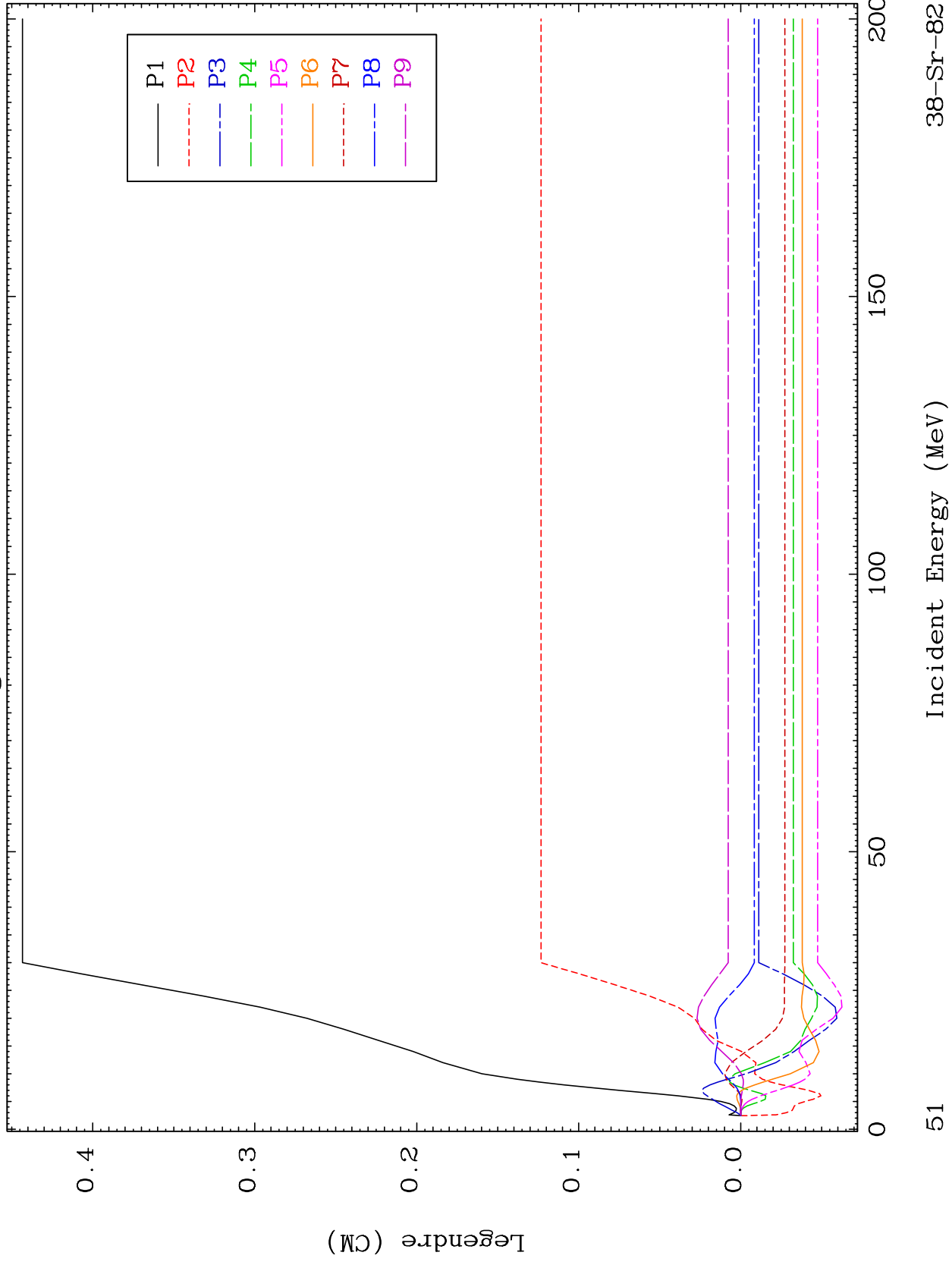




MAT 3819

2.402 MeV (n,n') Level
Legendre Coefficients

38-Sr-82



51

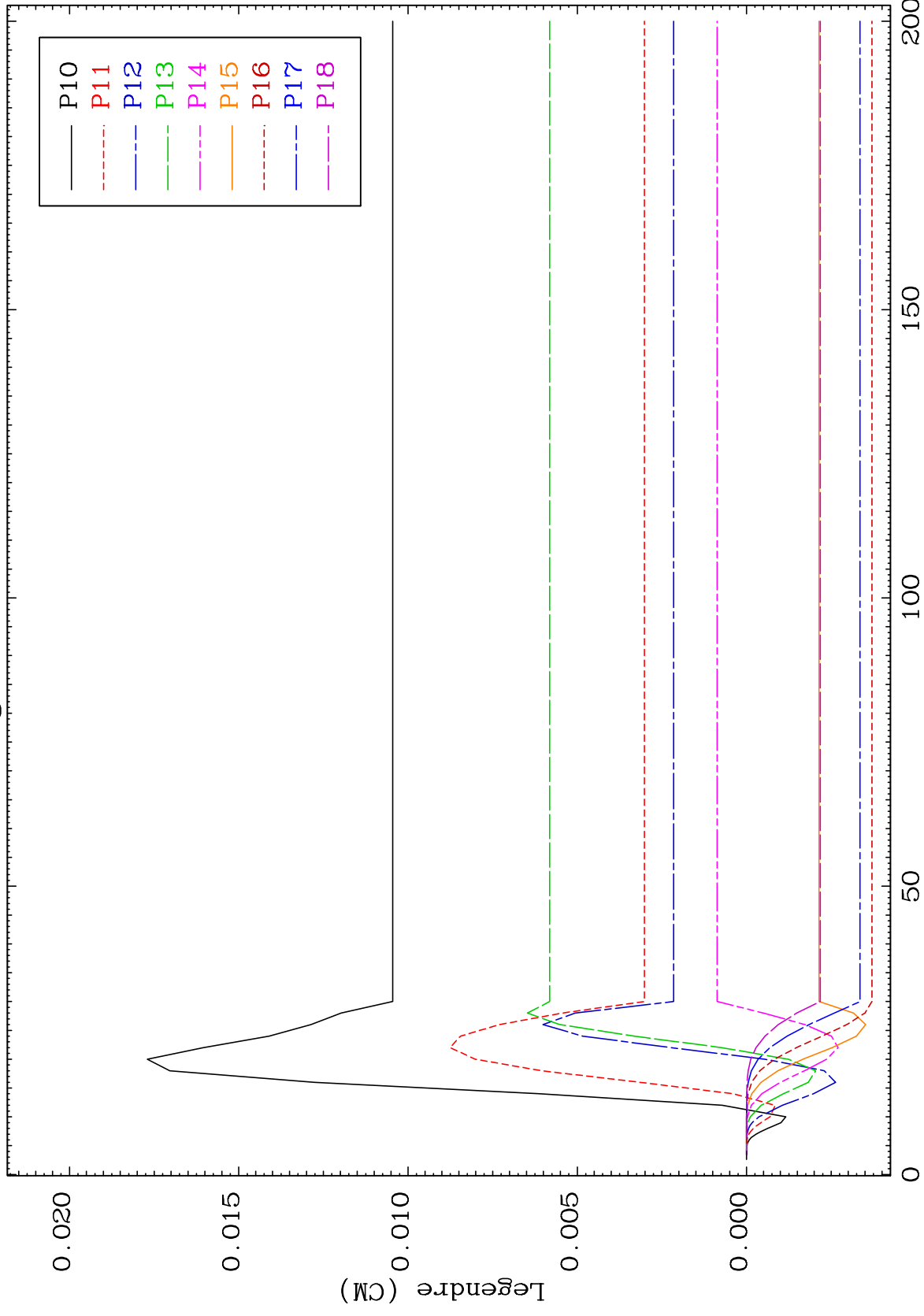
Incident Energy (MeV)

38-Sr-82

MAT 3819

2.402 MeV (n,n') Level
Legendre Coefficients

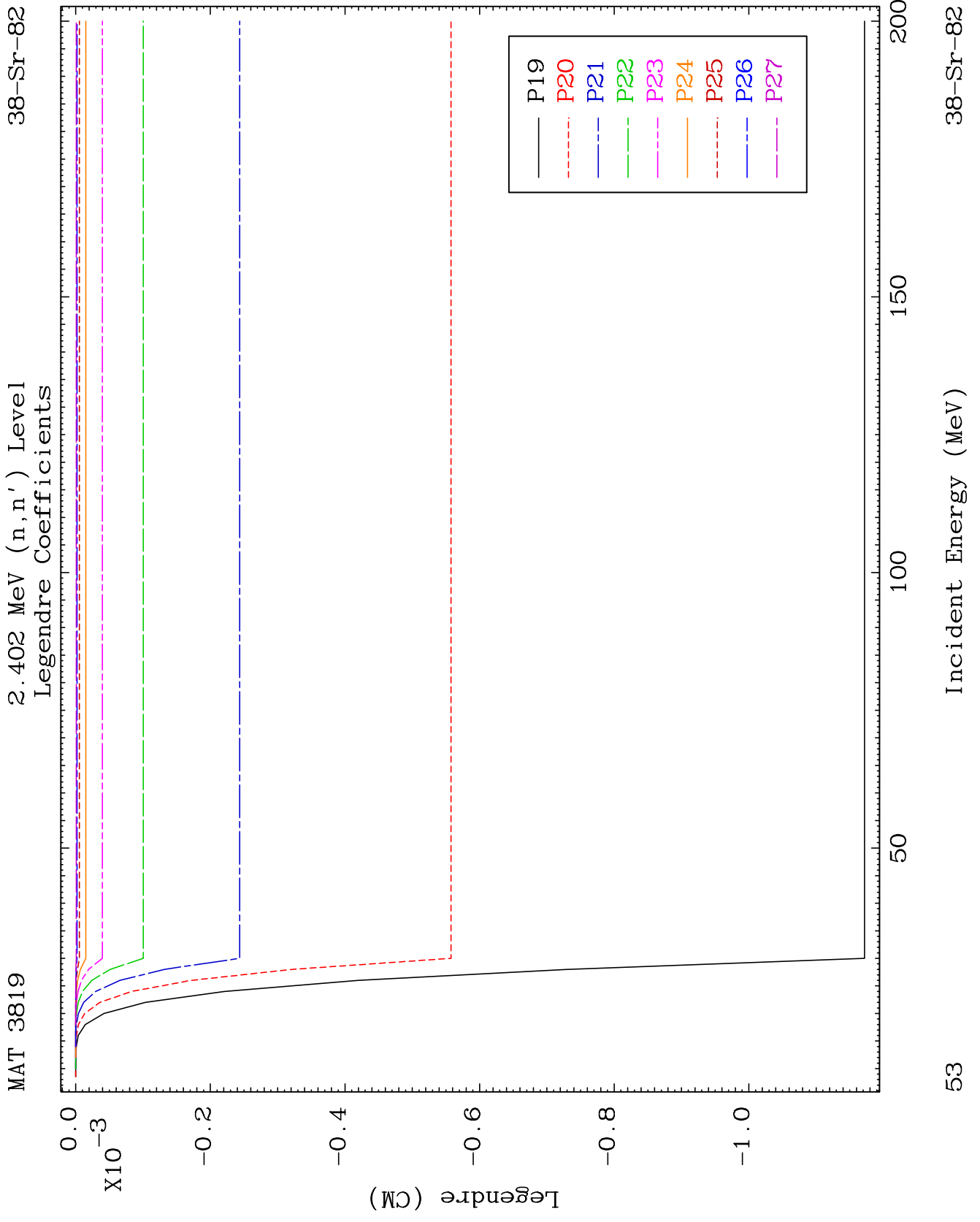
38-Sr-82

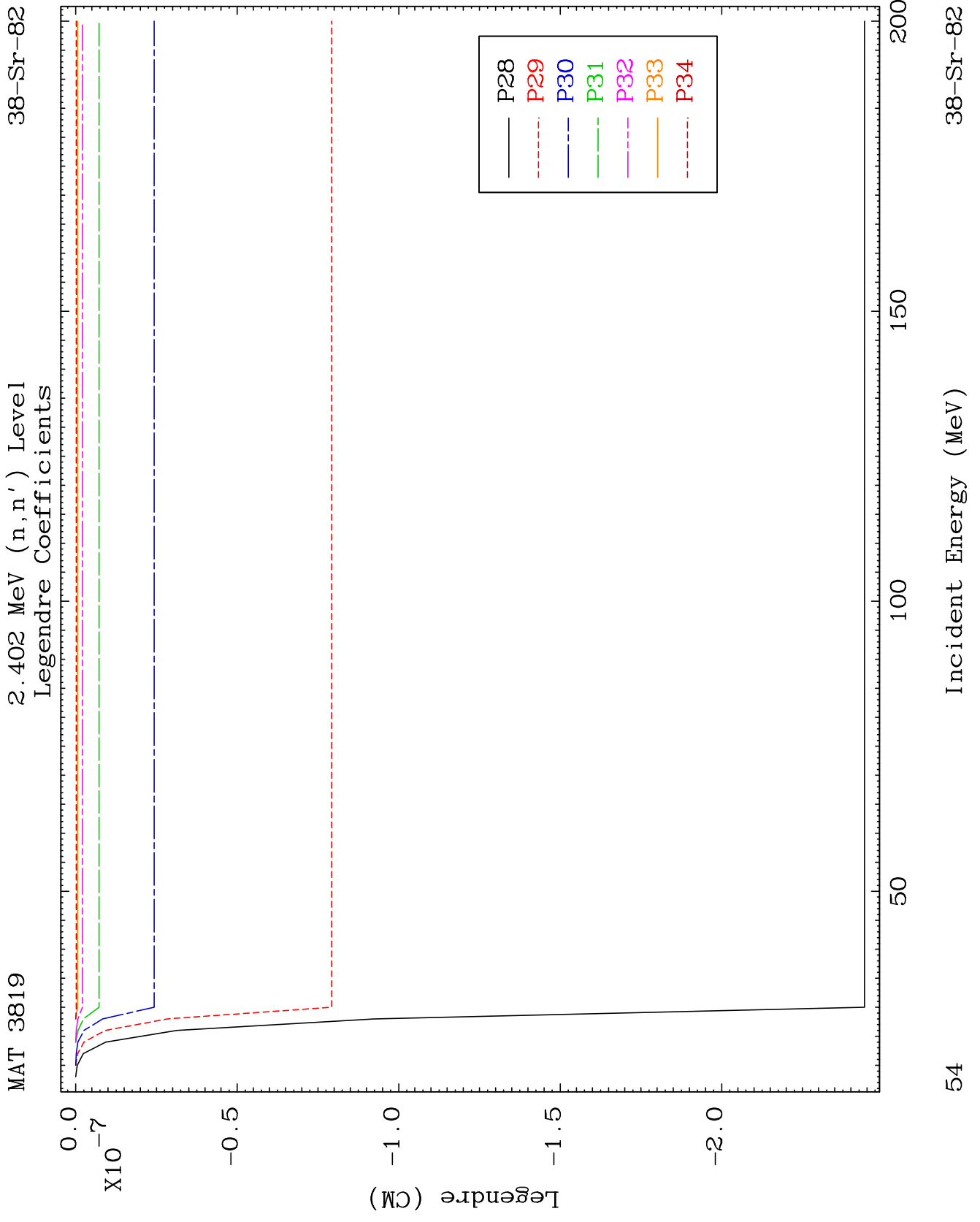


52

Incident Energy (MeV)

38-Sr-82

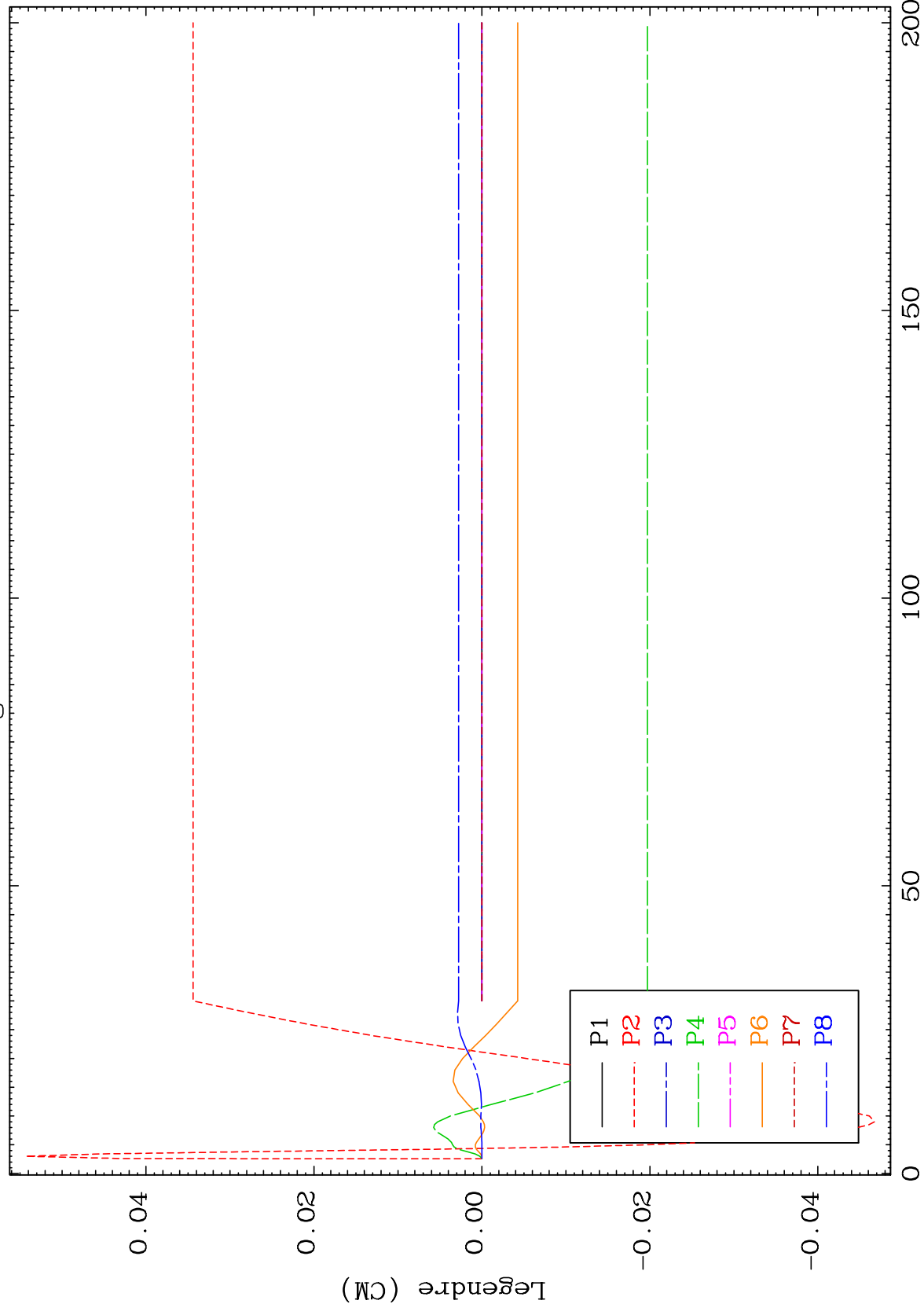




MAT 3819

2.526 MeV (n,n') Level
Legendre Coefficients

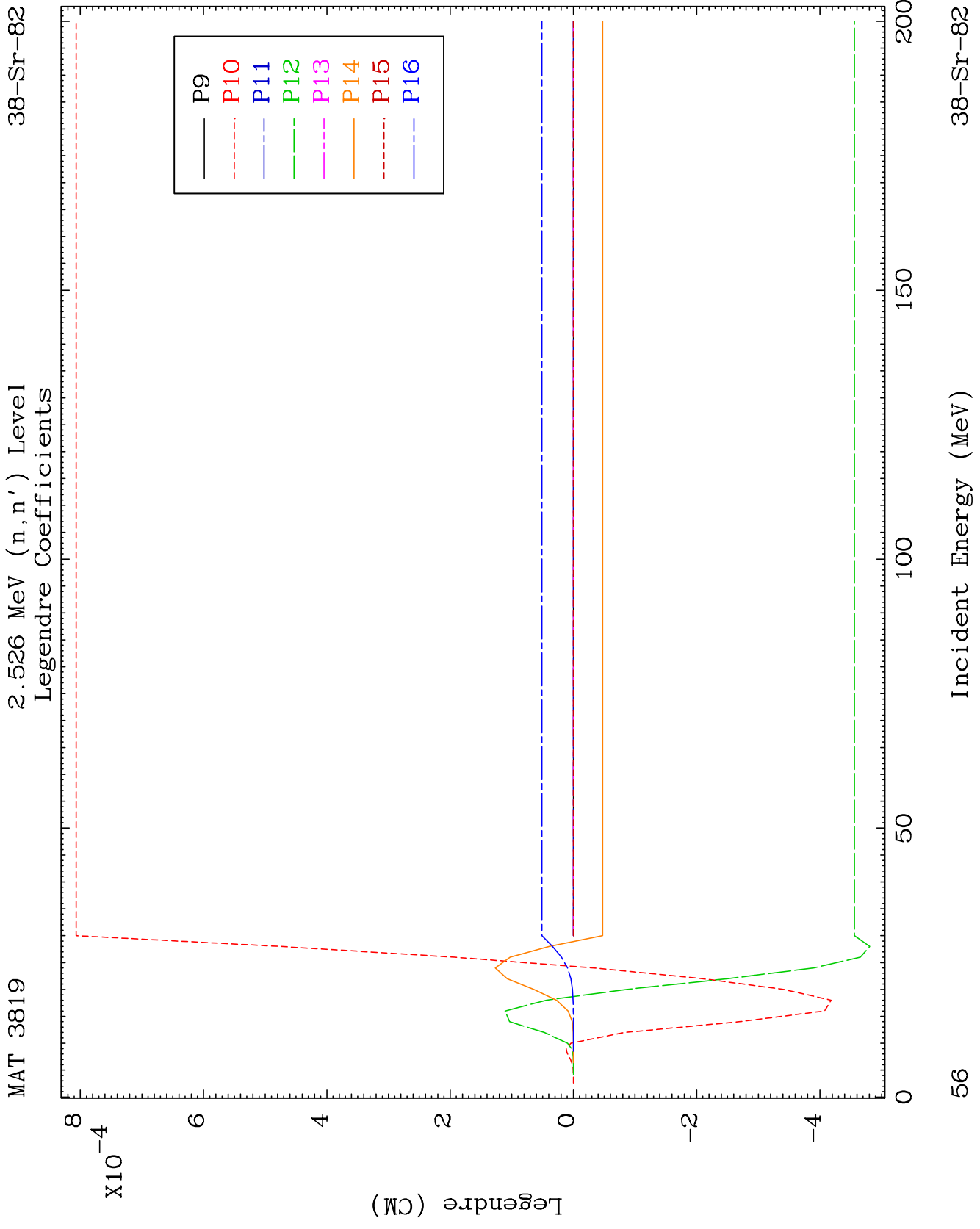
38-Sr-82

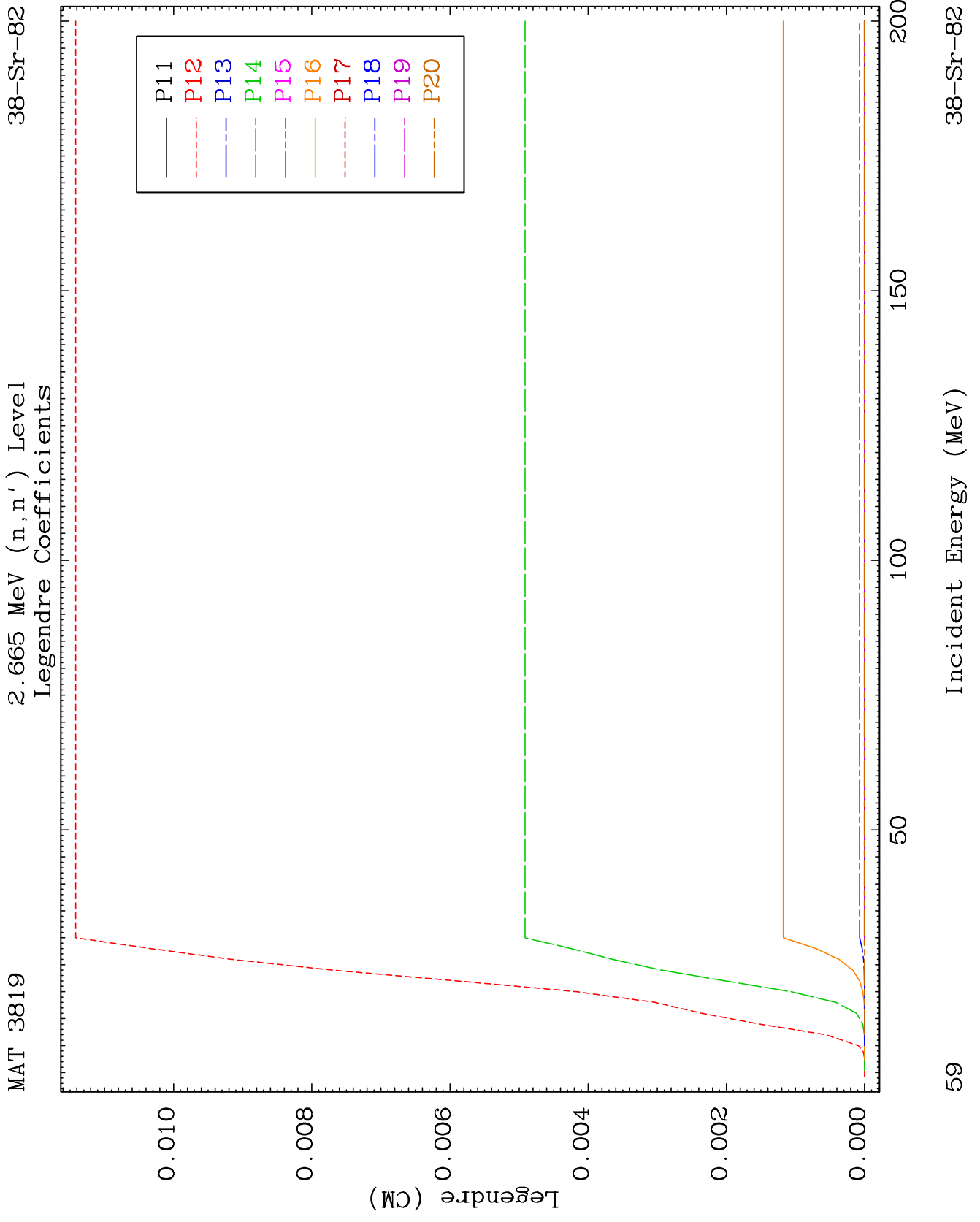


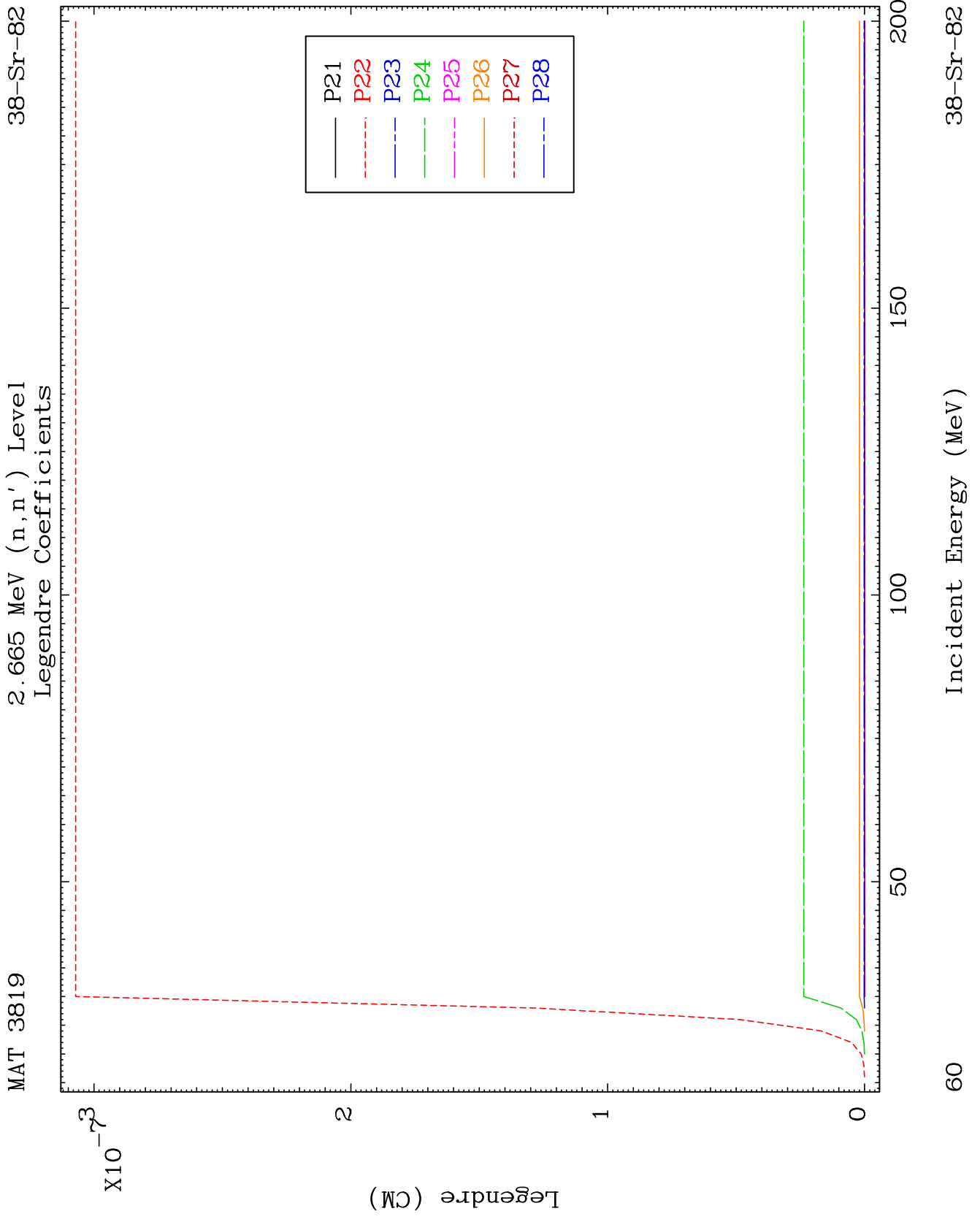
38-Sr-82

Incident Energy (MeV)

55



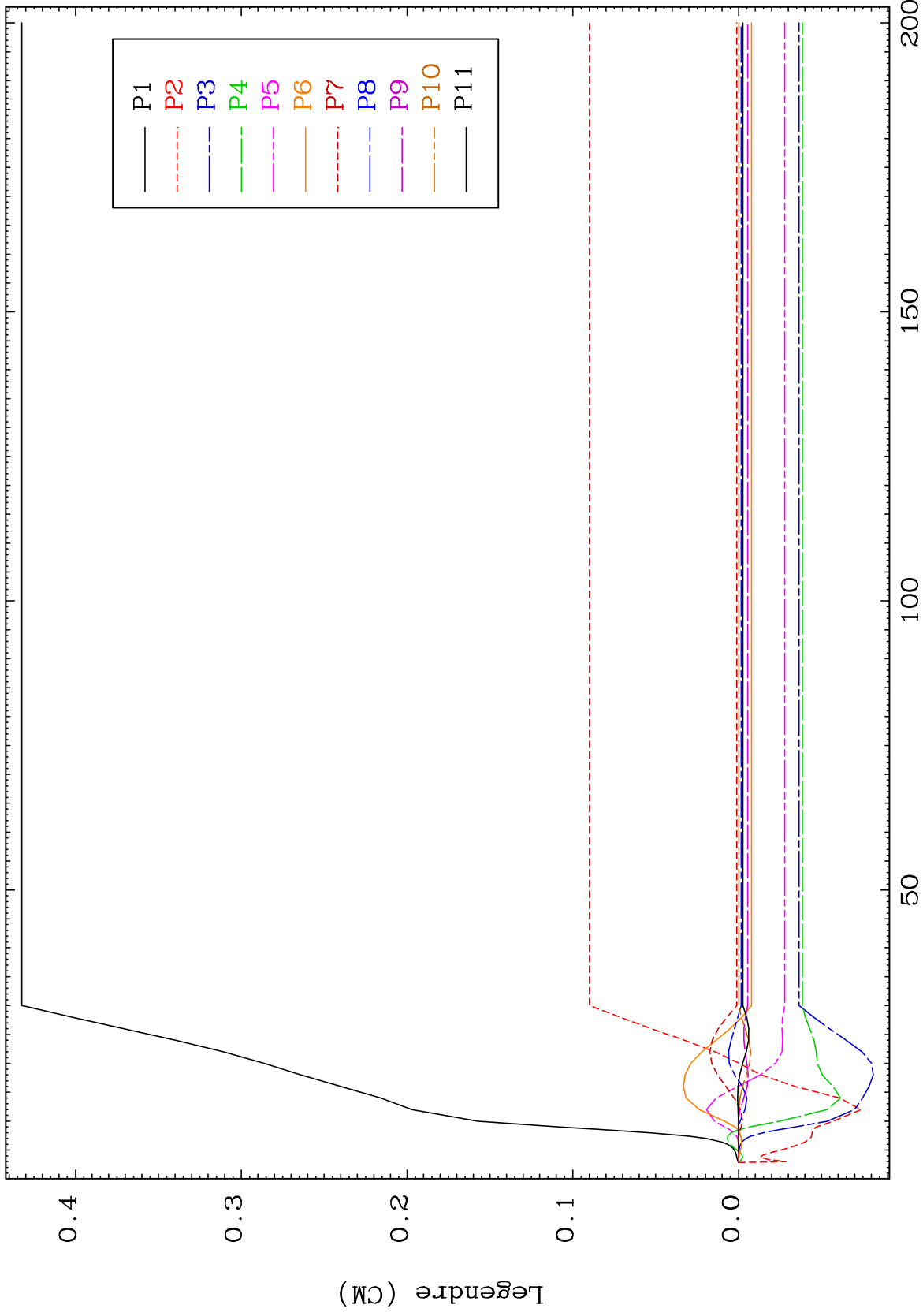




MAT 3819

2.817 MeV (n,n') Level
Legendre Coefficients

38-Sr-82



61

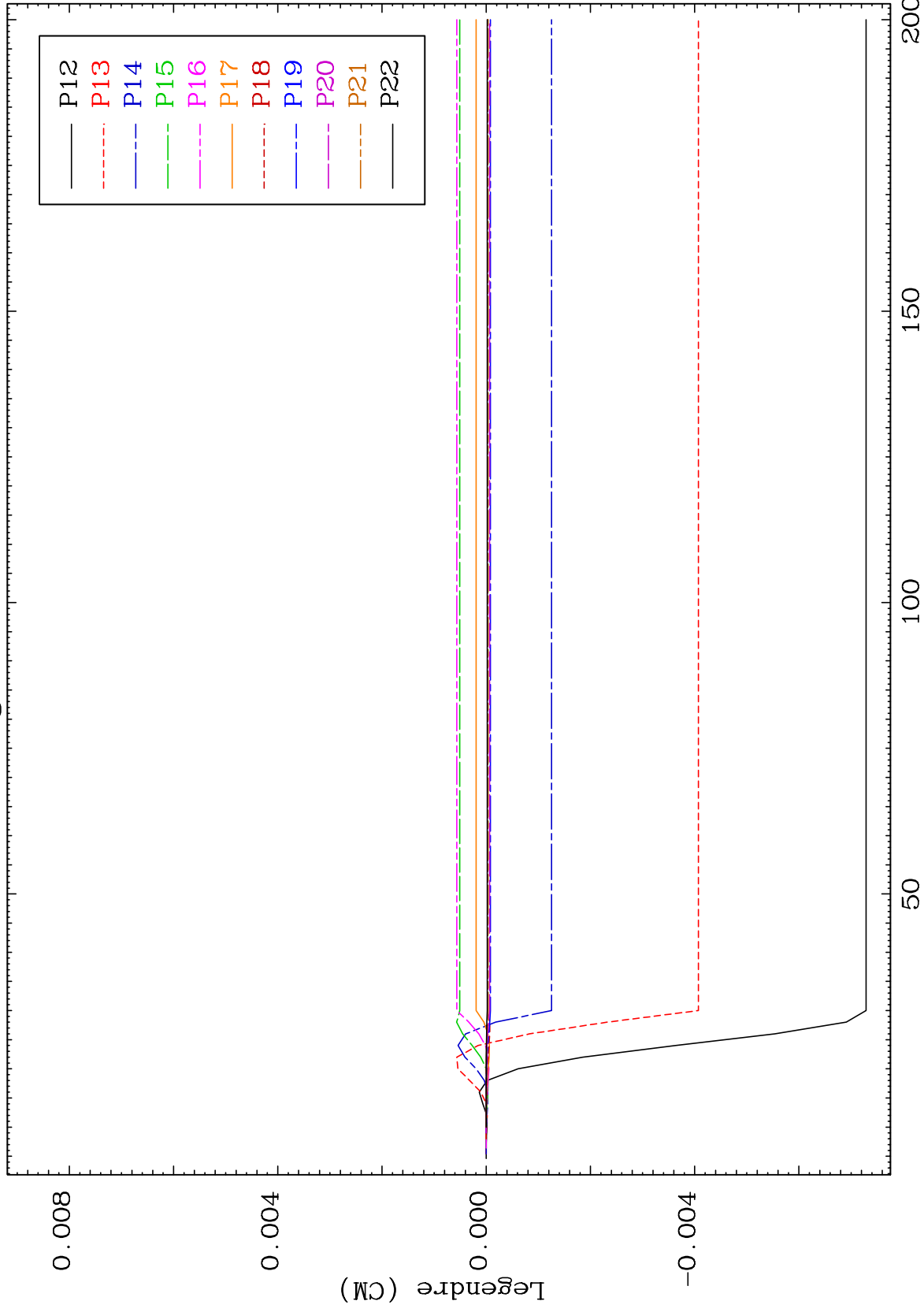
Incident Energy (MeV)

38-Sr-82

MAT 3819

2.817 MeV (n,n') Level
Legendre Coefficients

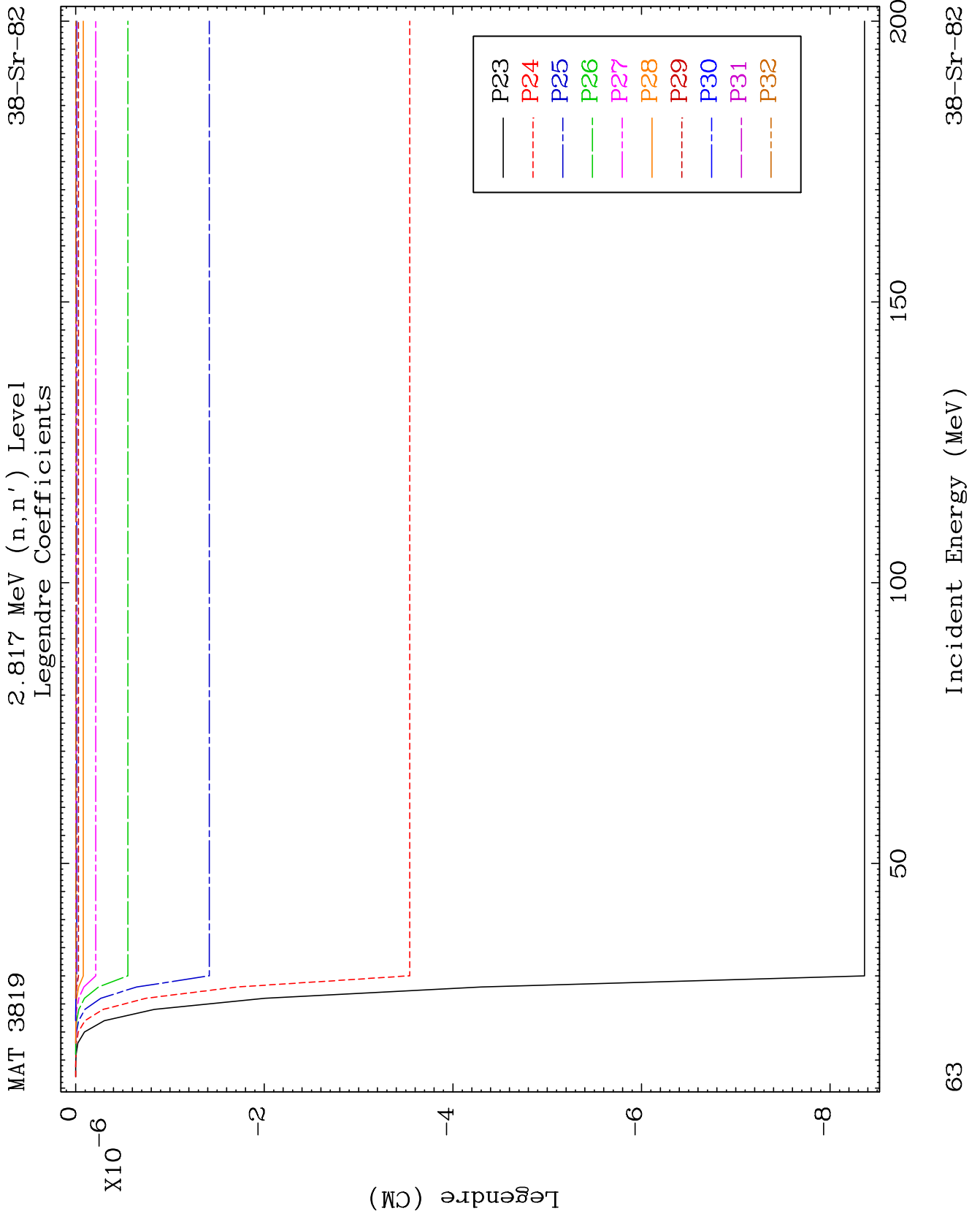
38-Sr-82

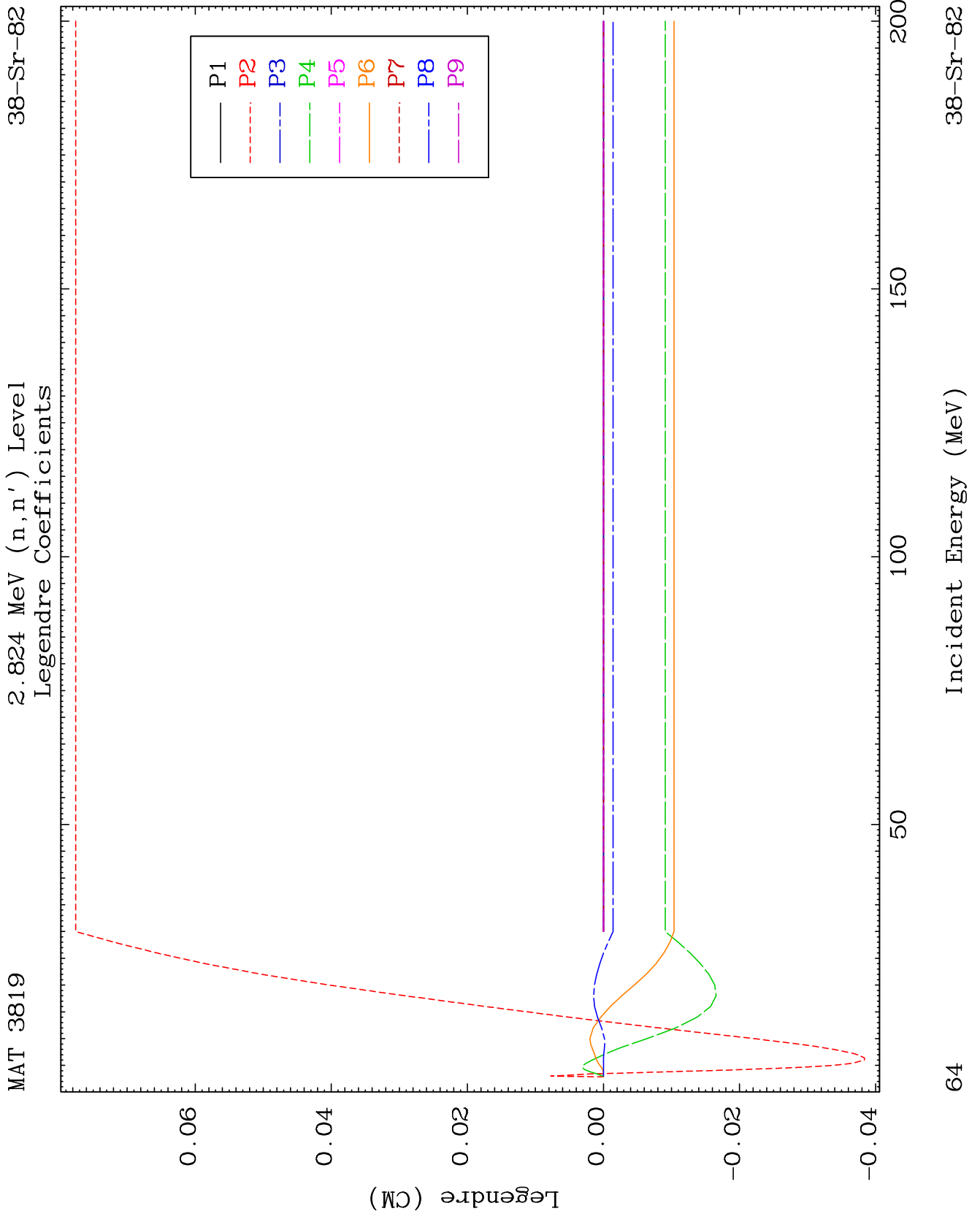


62

Incident Energy (MeV)

38-Sr-82

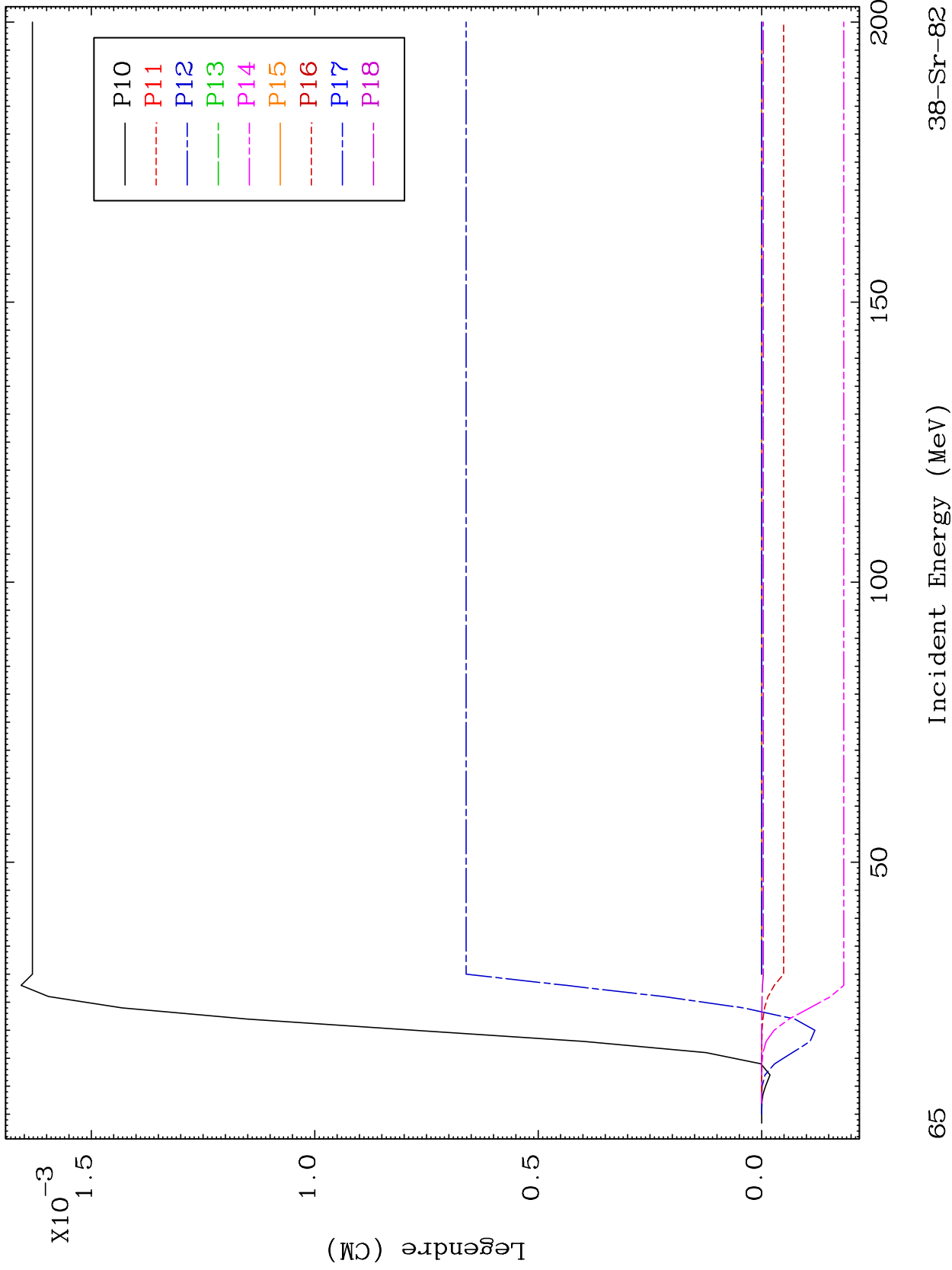




MAT 3819

2.824 MeV (n,n') Level
Legendre Coefficients

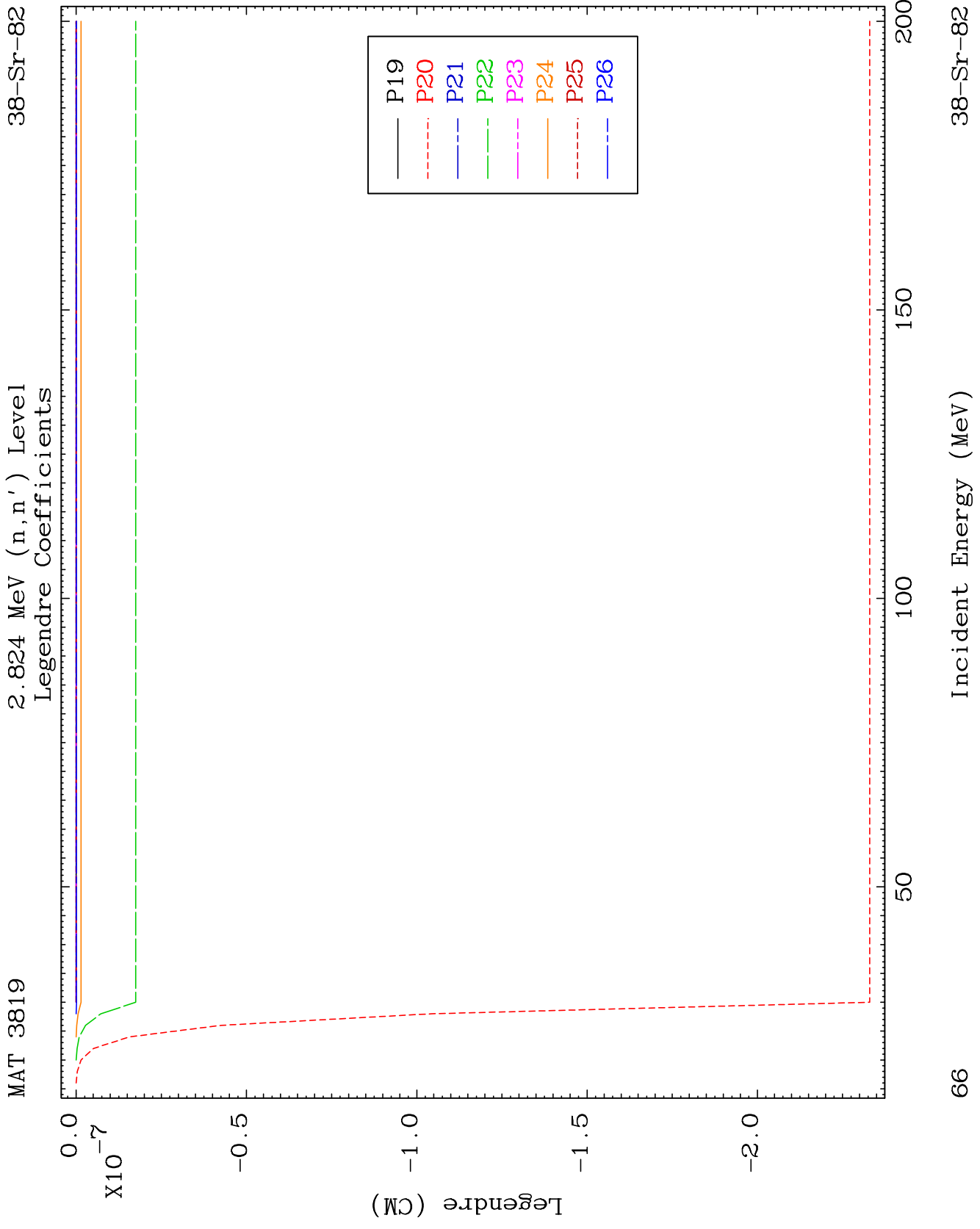
38-Sr-82



65

Incident Energy (MeV)

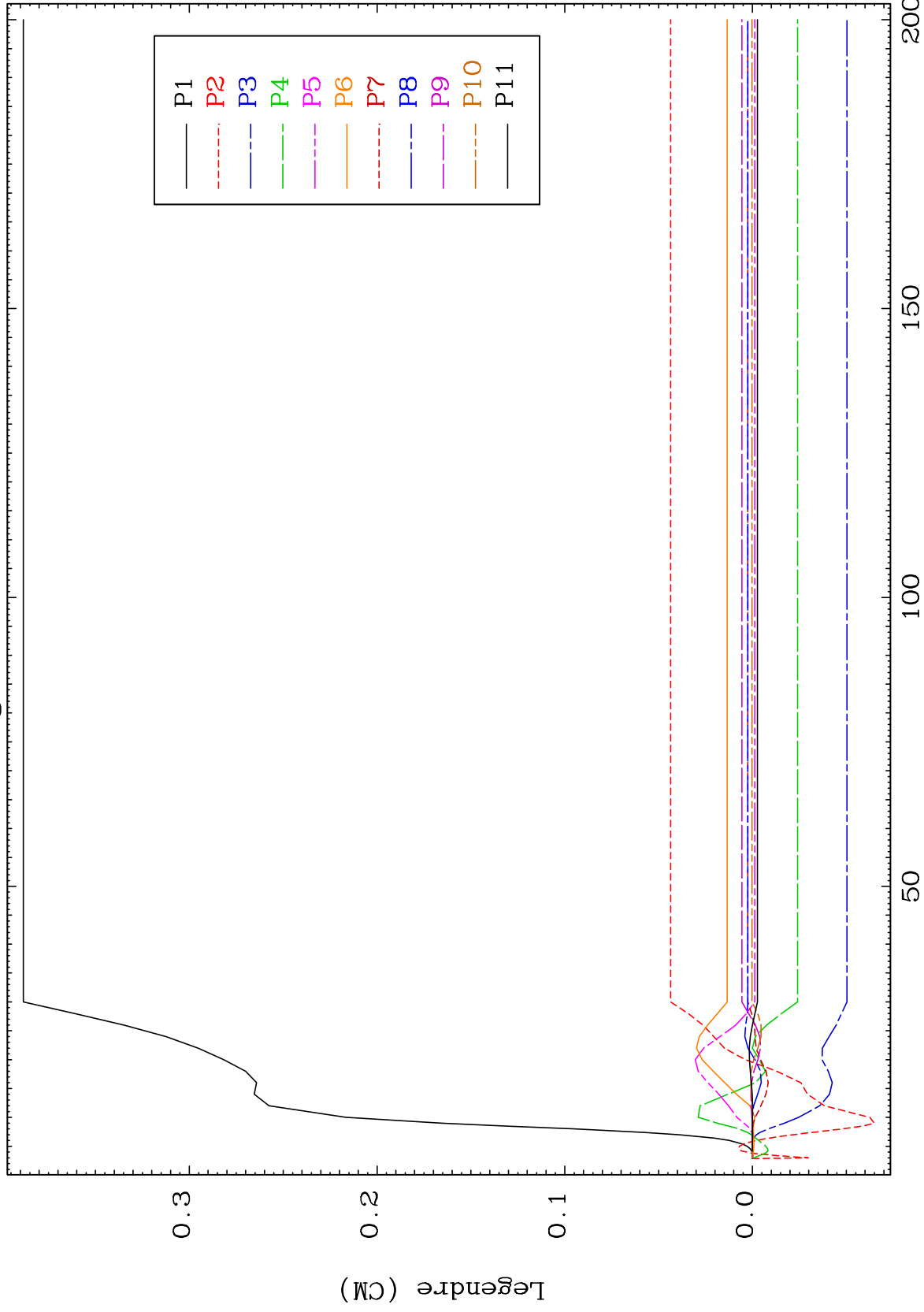
38-Sr-82



MAT 3819

2.836 MeV (n,n') Level
Legendre Coefficients

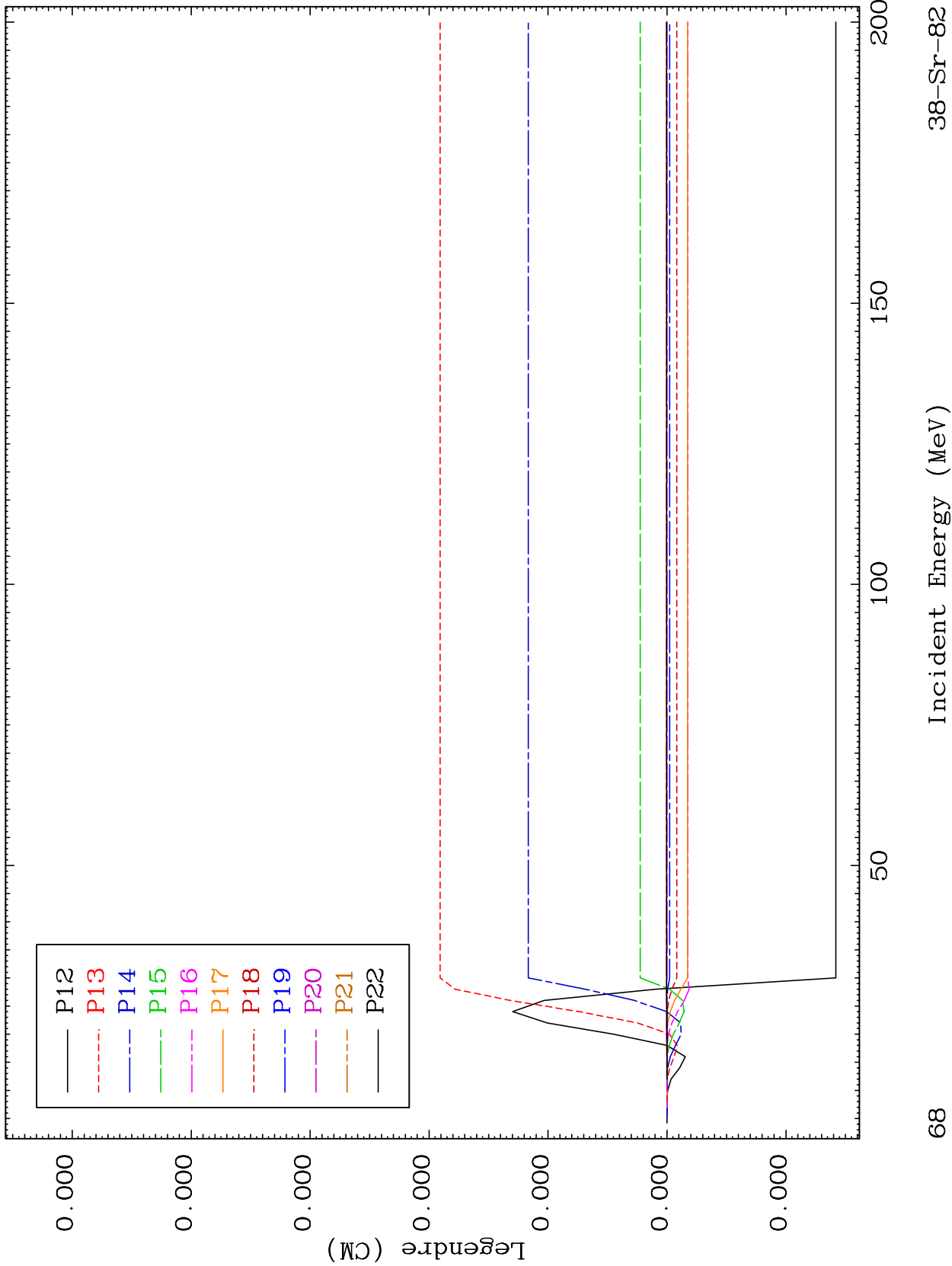
38-Sr-82



67

Incident Energy (MeV)

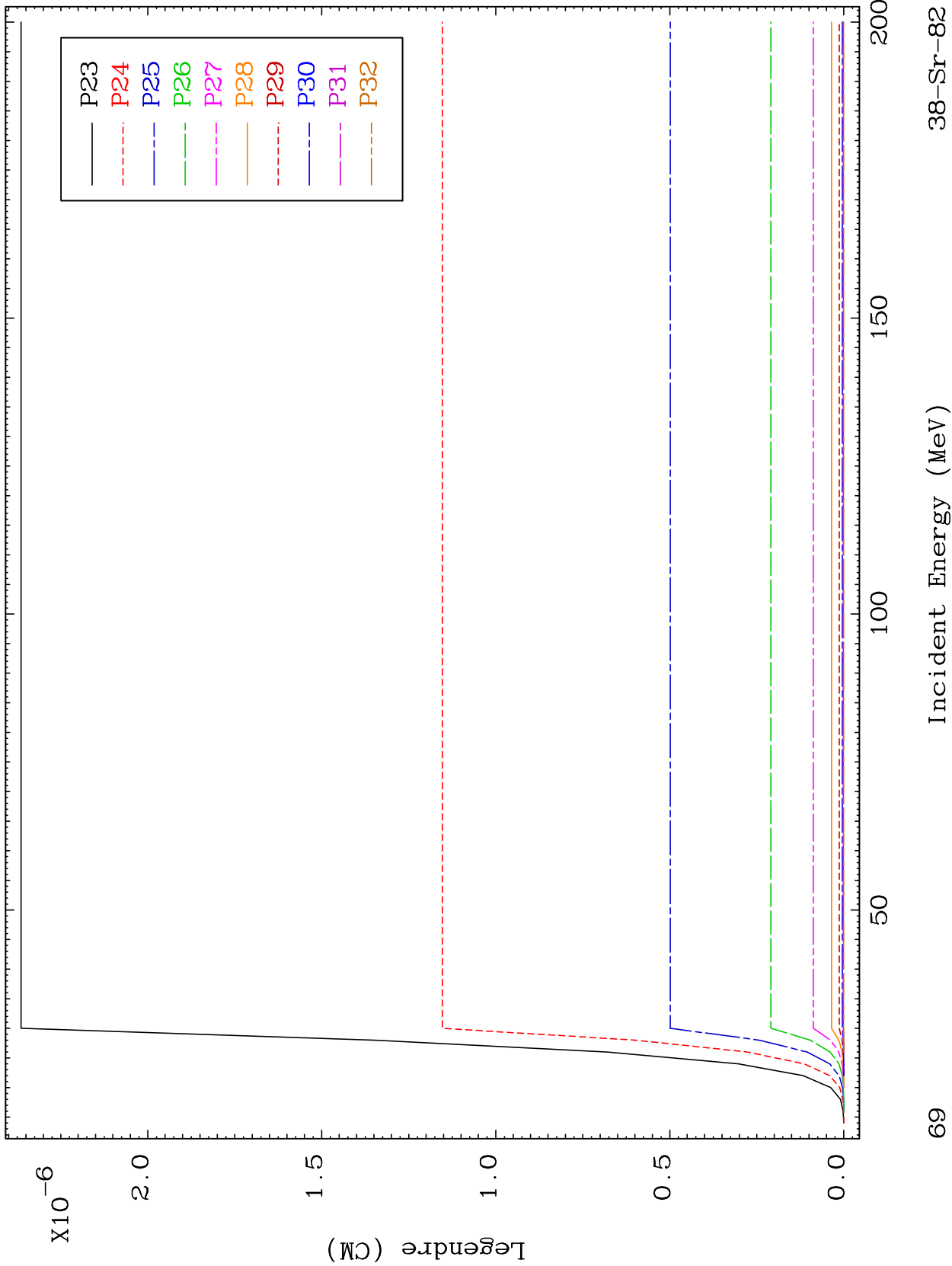
38-Sr-82



MAT 3819

2.836 MeV (n,n') Level
Legendre Coefficients

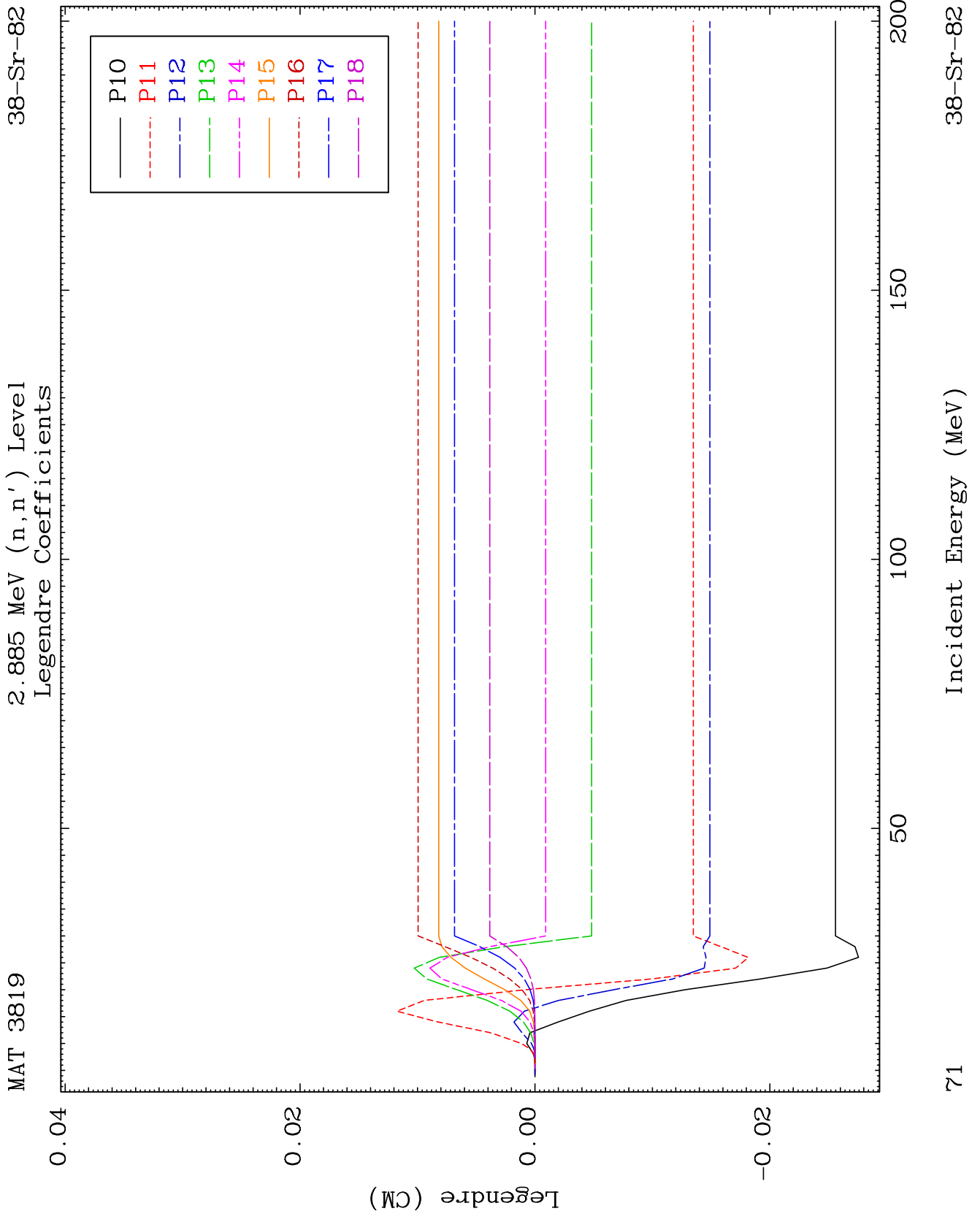
38-Sr-82



69

Incident Energy (MeV)

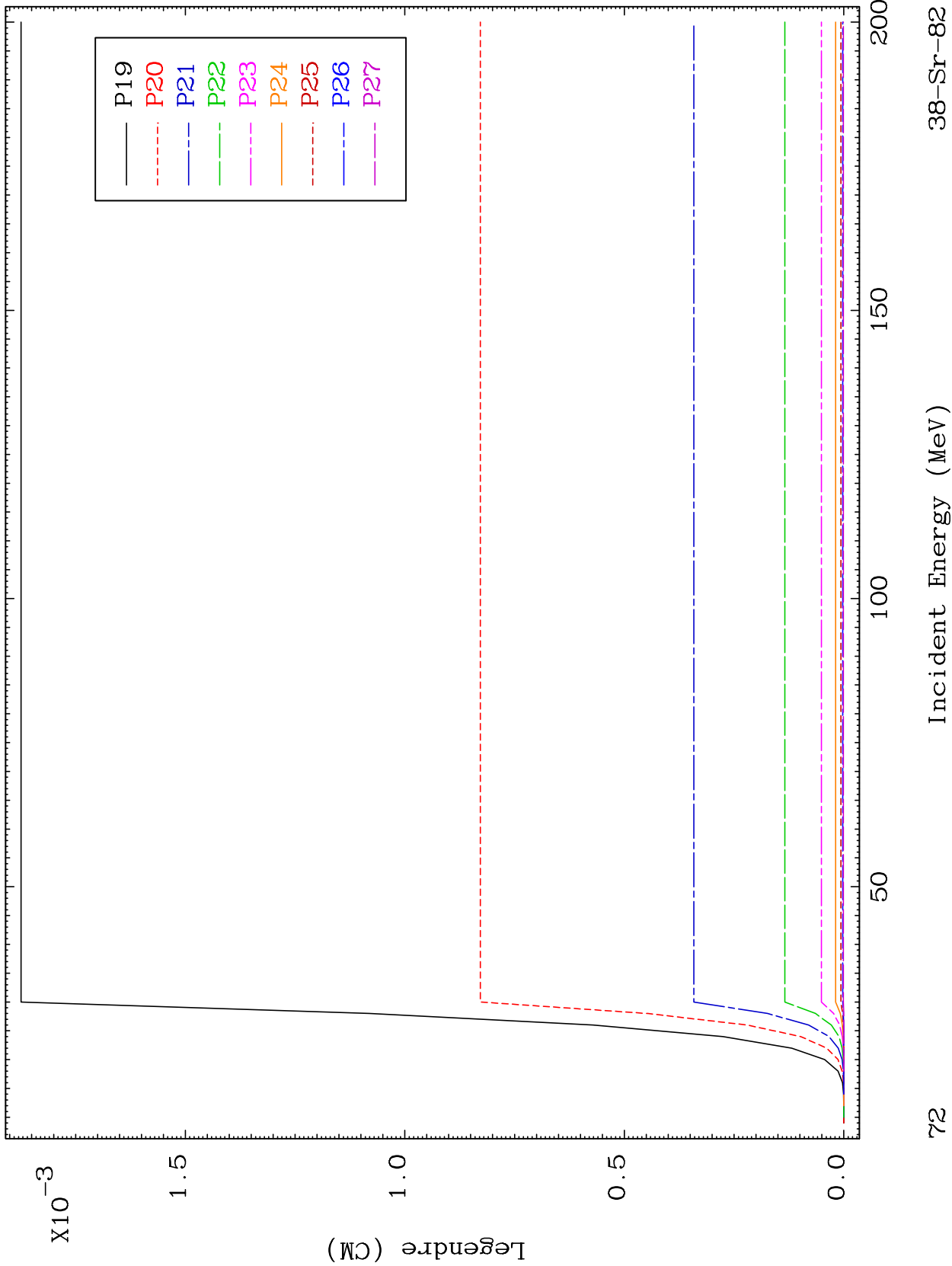
38-Sr-82



MAT 3819

2.885 MeV (n,n') Level
Legendre Coefficients

38-Sr-82



72

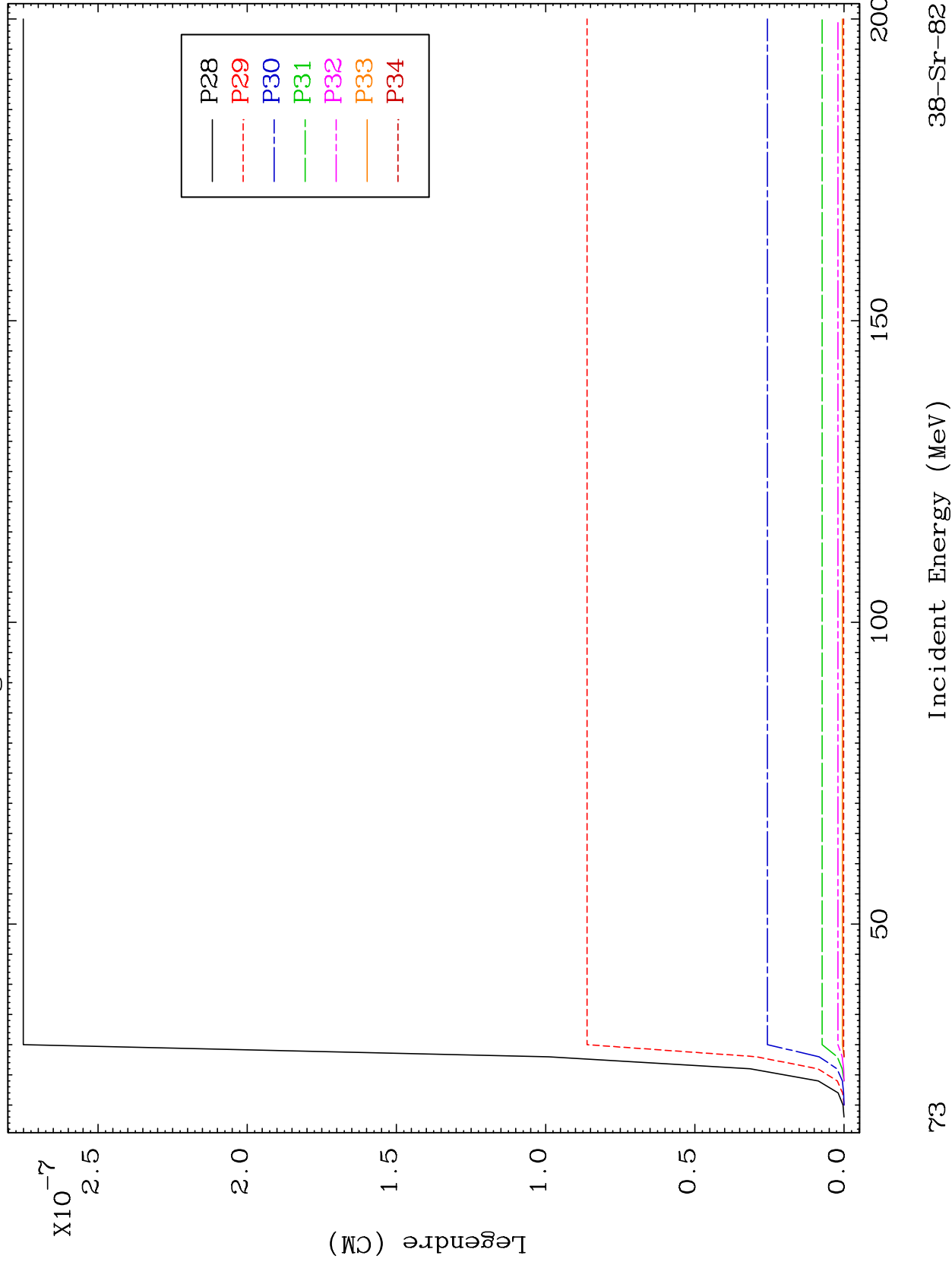
Incident Energy (MeV)

38-Sr-82

MAT 3819

2.885 MeV (n,n') Level
Legendre Coefficients

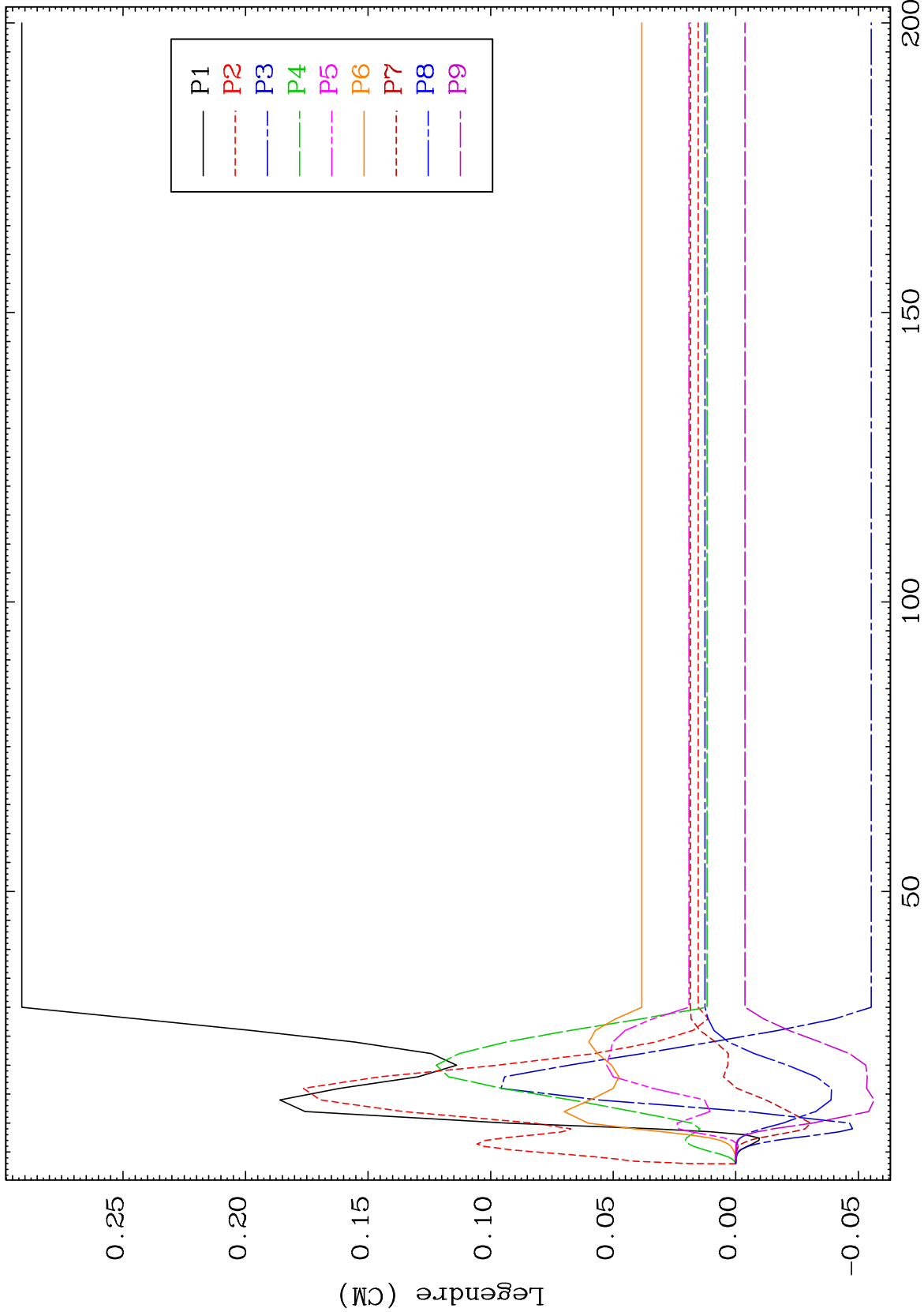
38-Sr-82



MAT 3819

2.920 MeV (n,n') Level
Legendre Coefficients

38-Sr-82



74

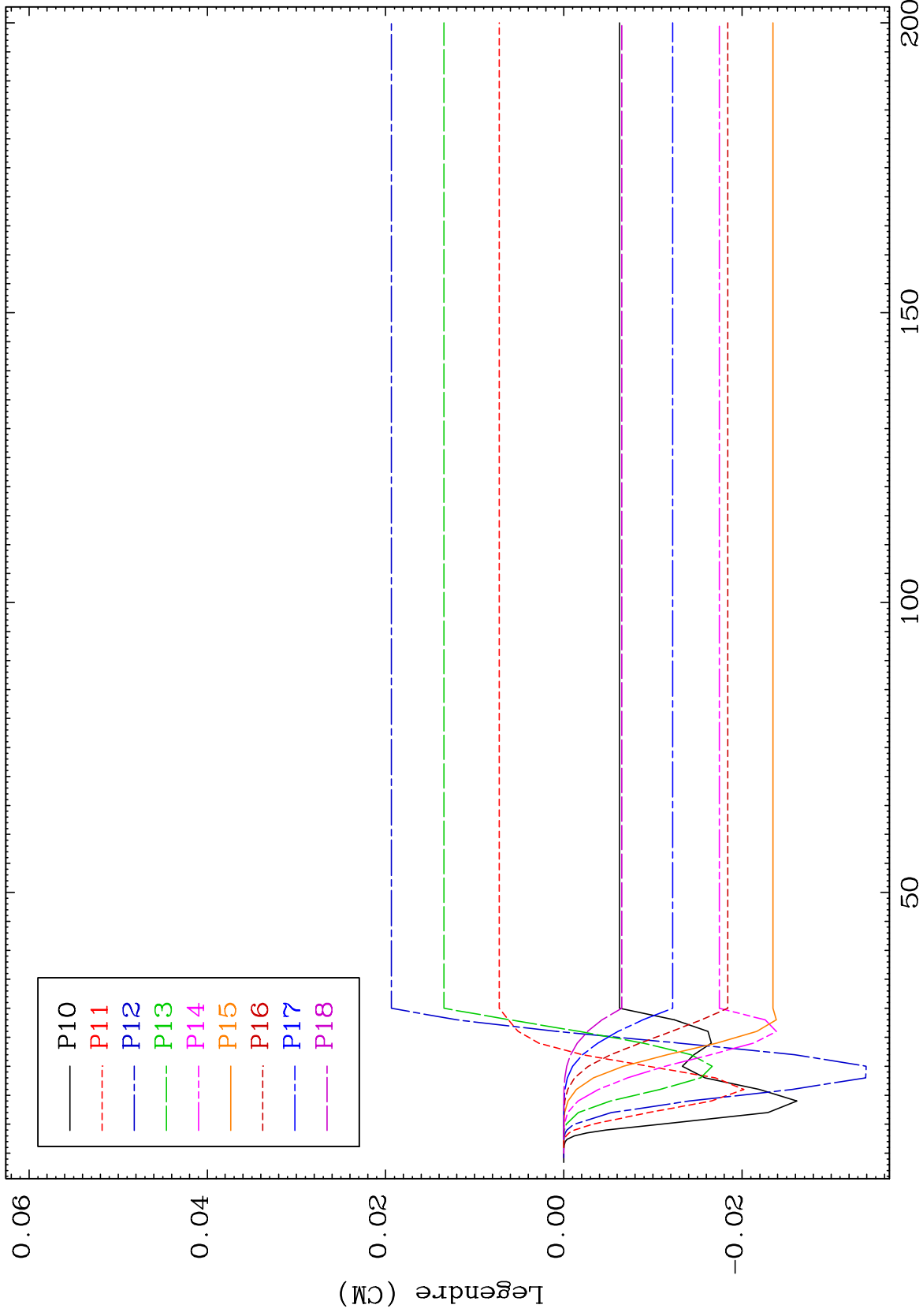
Incident Energy (MeV)

38-Sr-82

MAT 3819

2.920 MeV (n,n') Level
Legendre Coefficients

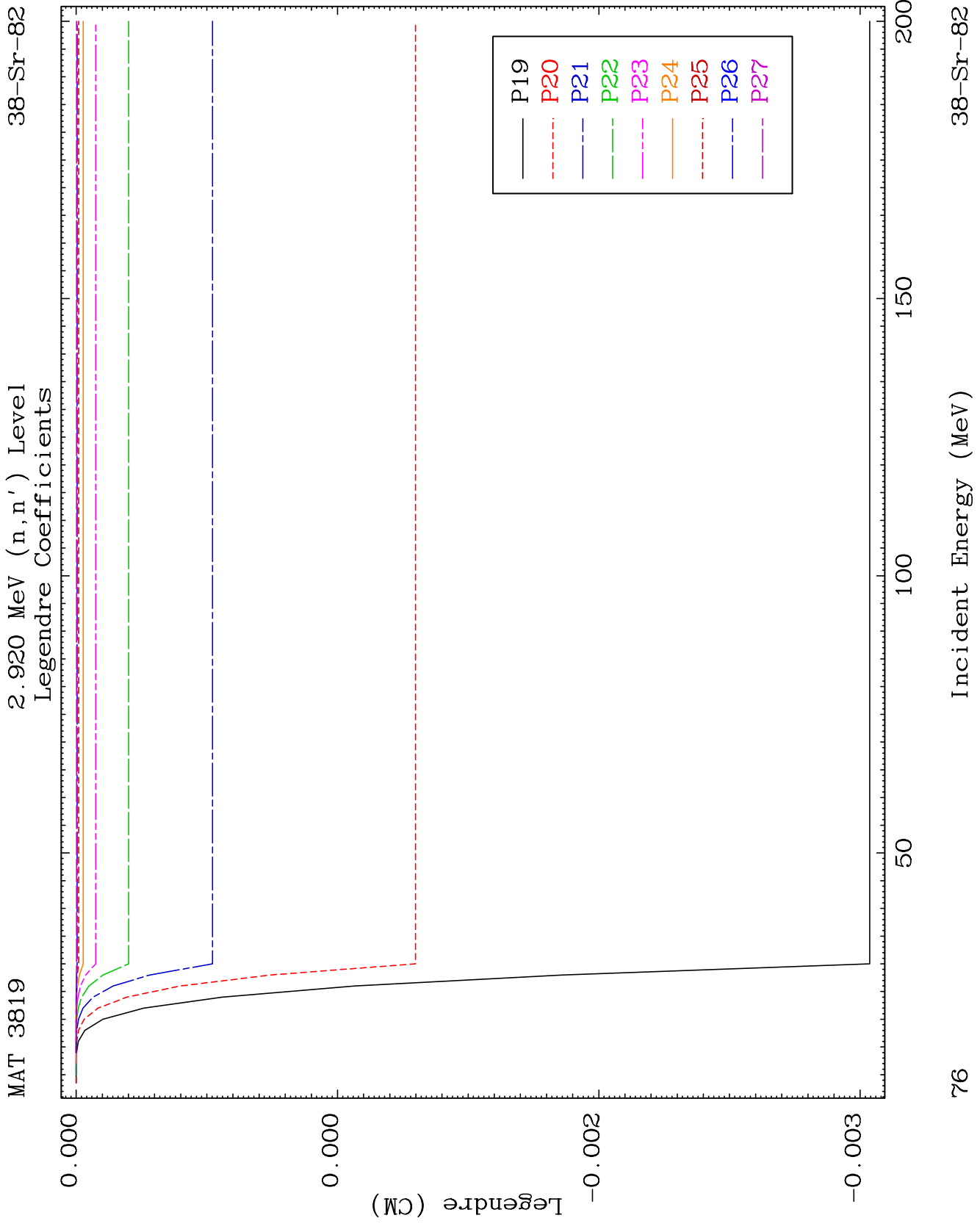
38-Sr-82

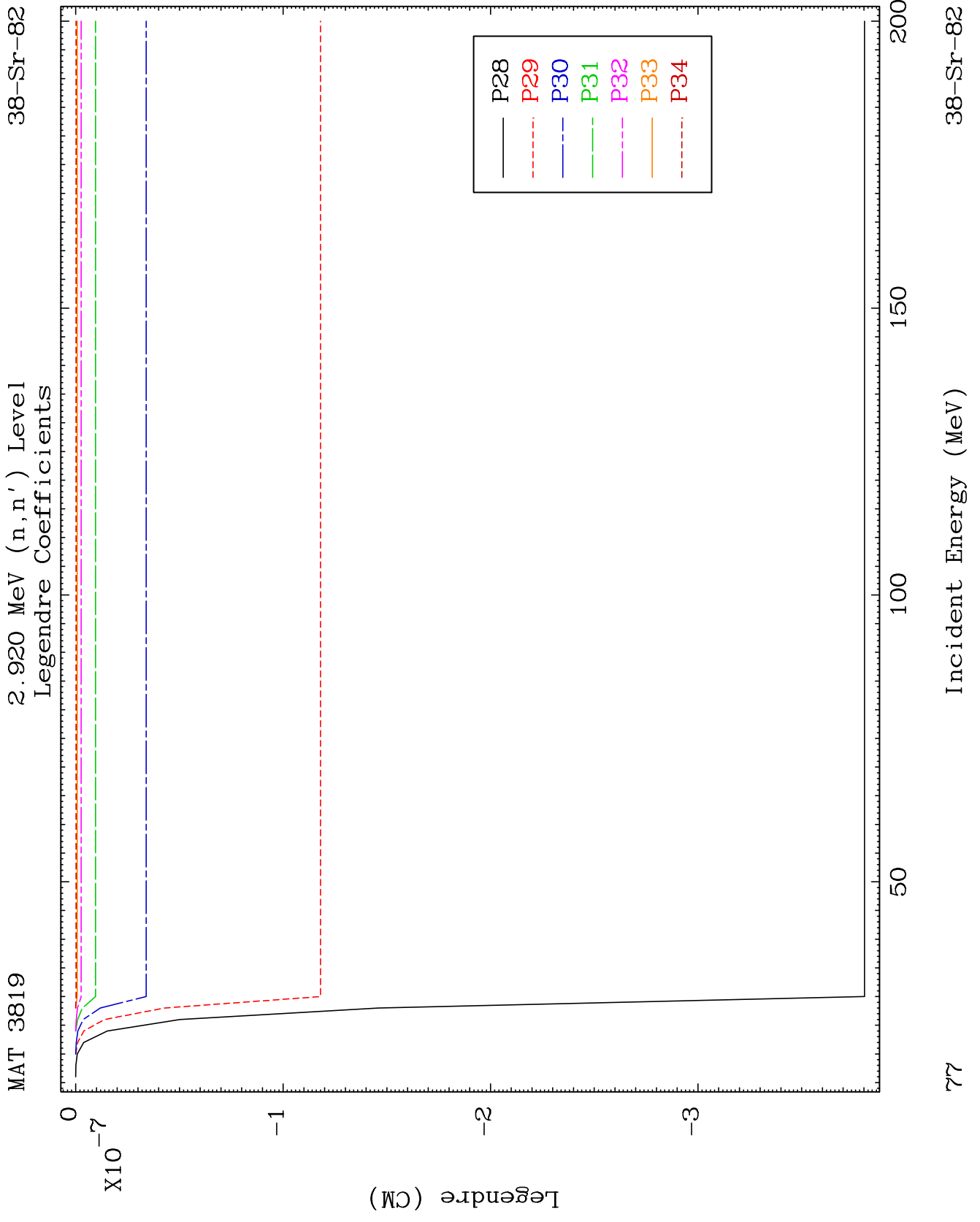


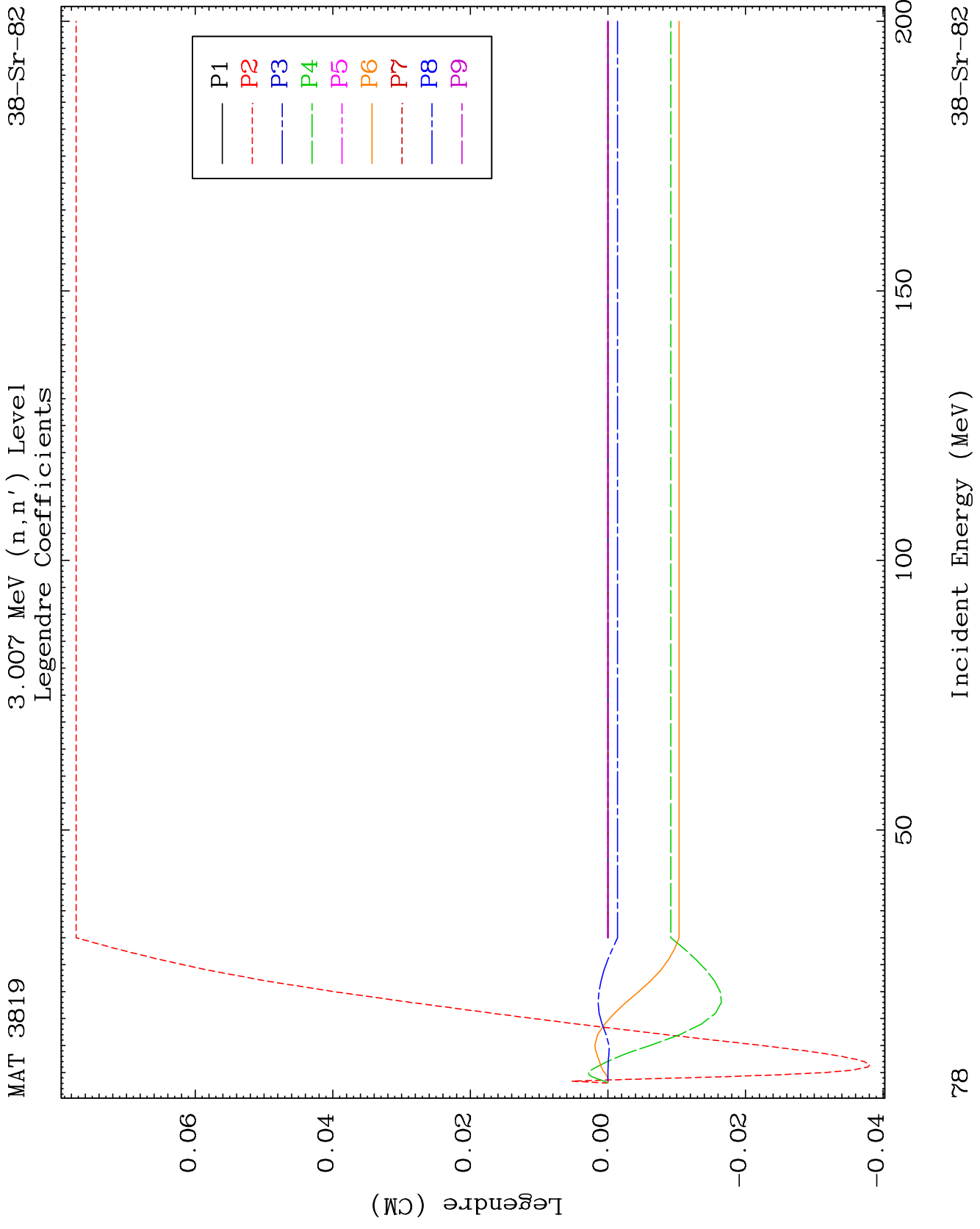
75

Incident Energy (MeV)

38-Sr-82



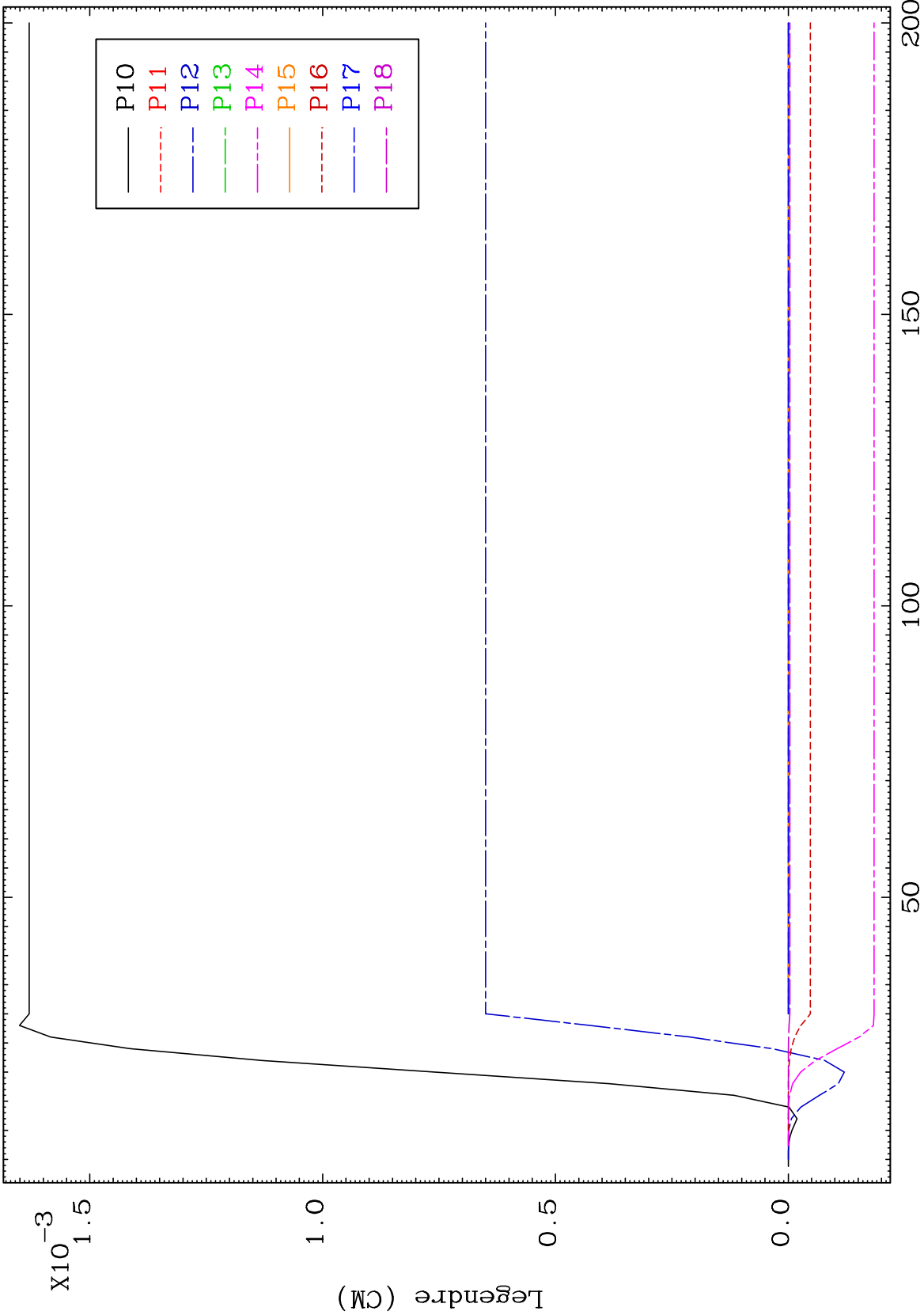




MAT 3819

3.007 MeV (n,n') Level
Legendre Coefficients

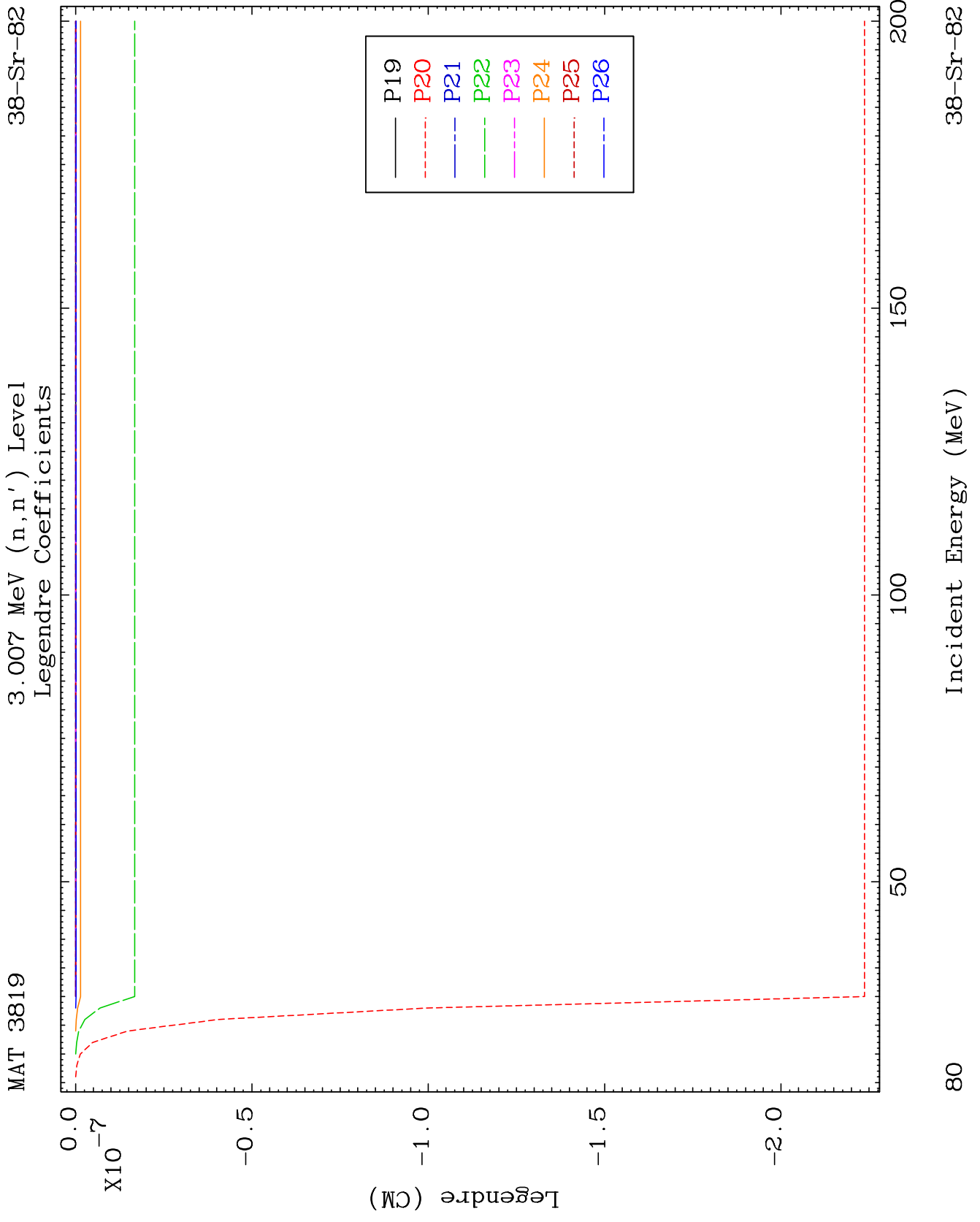
38-Sr-82



79

Incident Energy (MeV)

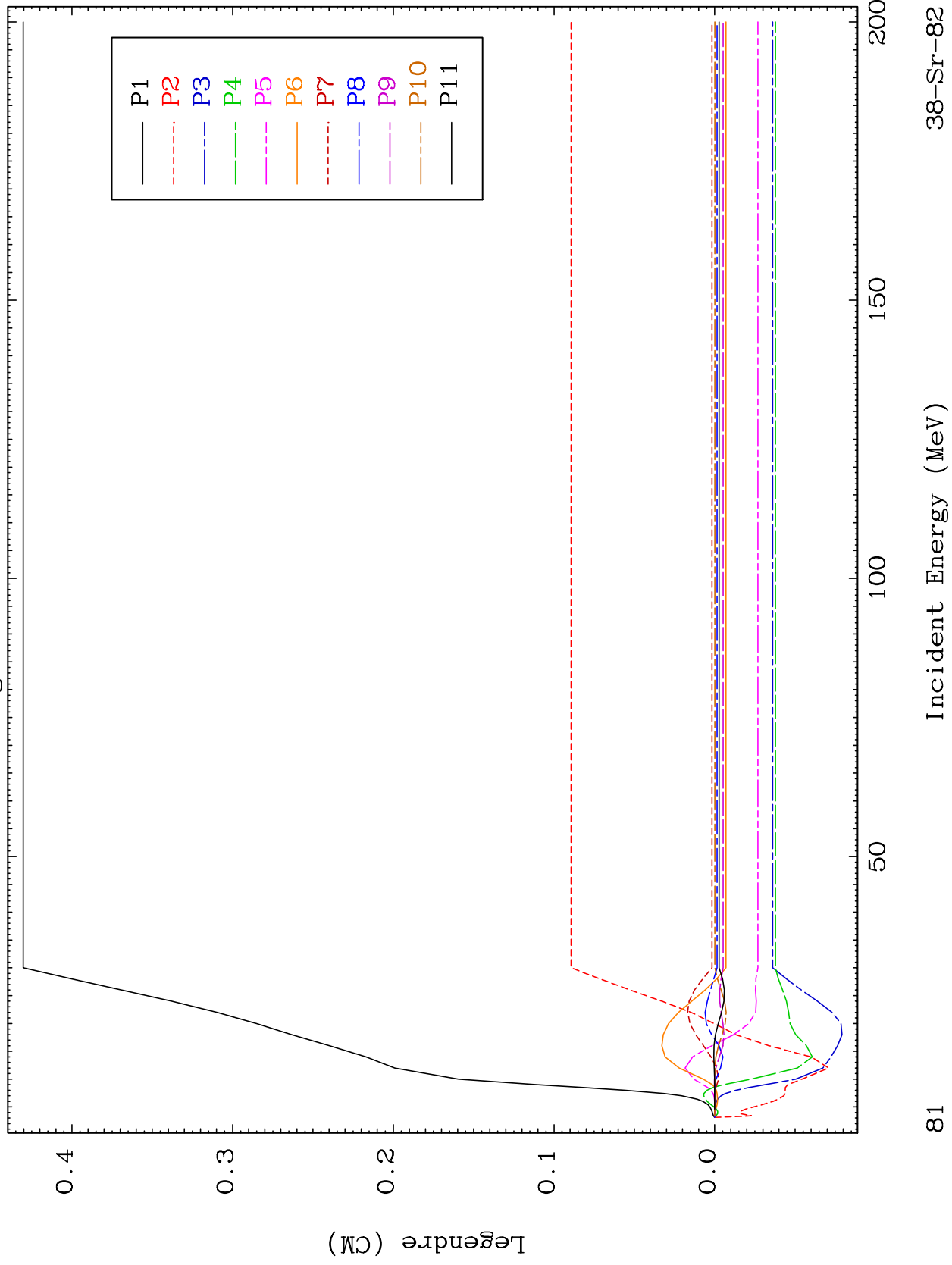
38-Sr-82



MAT 3819

3.073 MeV (n,n') Level
Legendre Coefficients

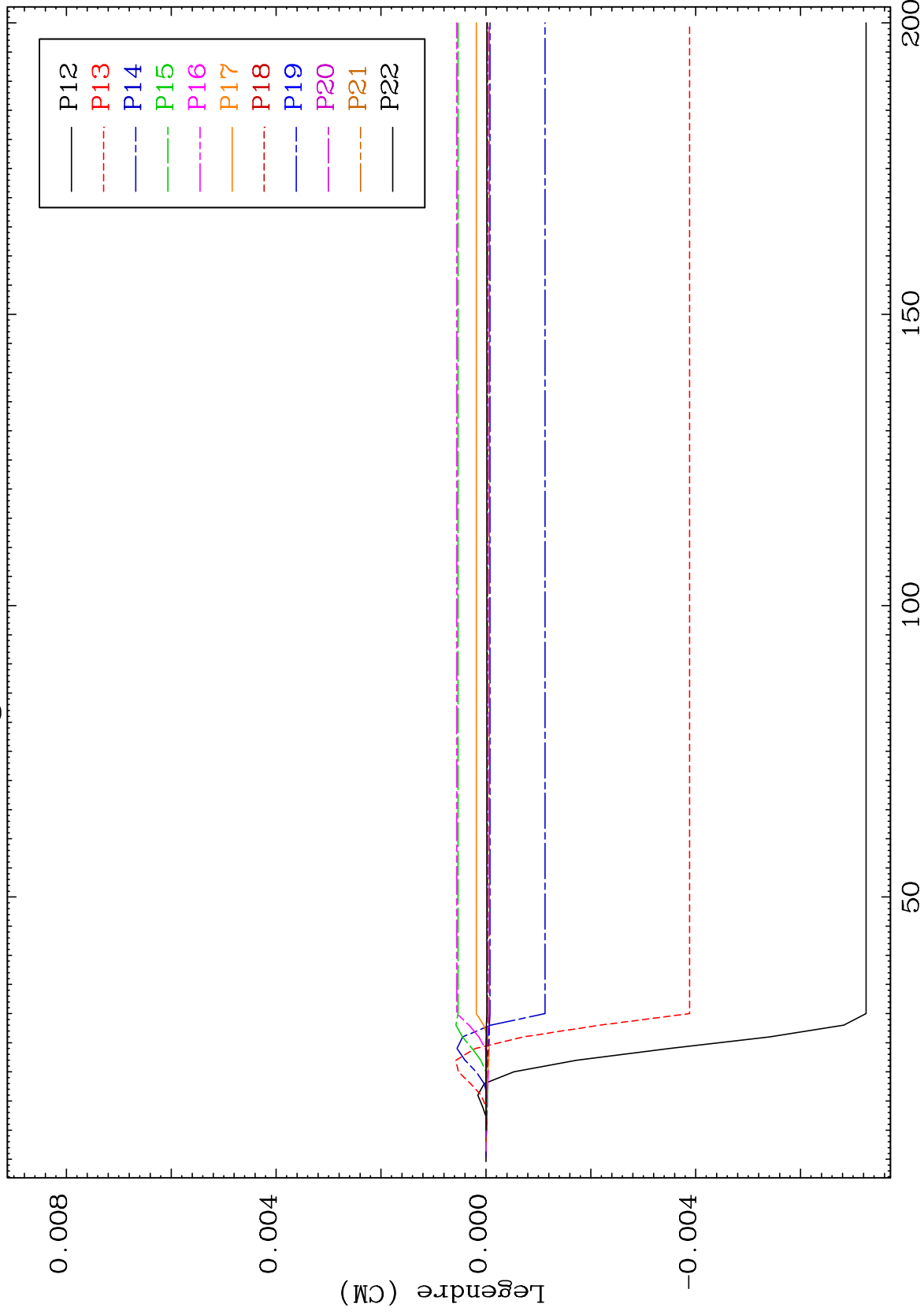
38-Sr-82



MAT 3819

3.073 MeV (n,n') Level
Legendre Coefficients

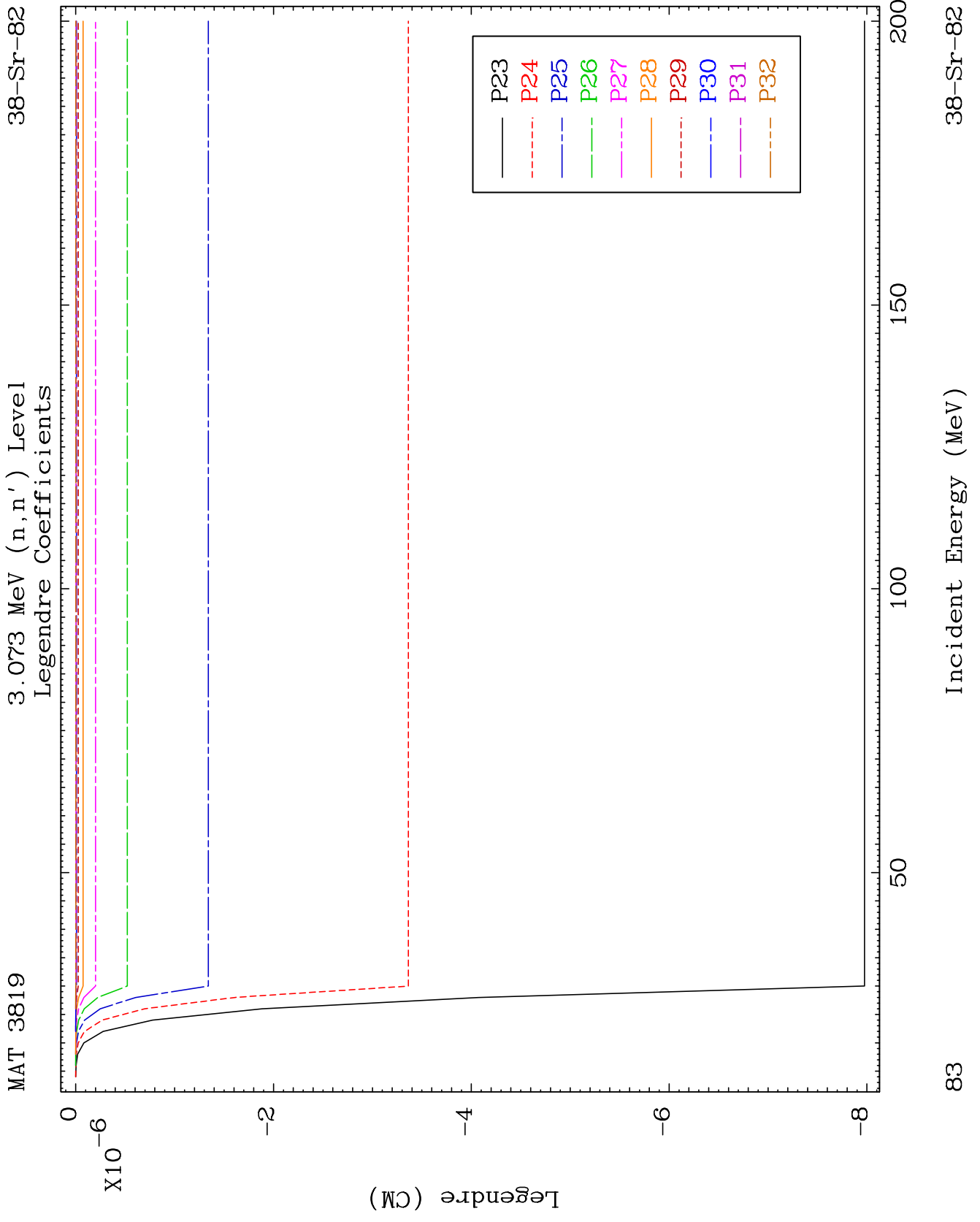
38-Sr-82



82

Incident Energy (MeV)

38-Sr-82

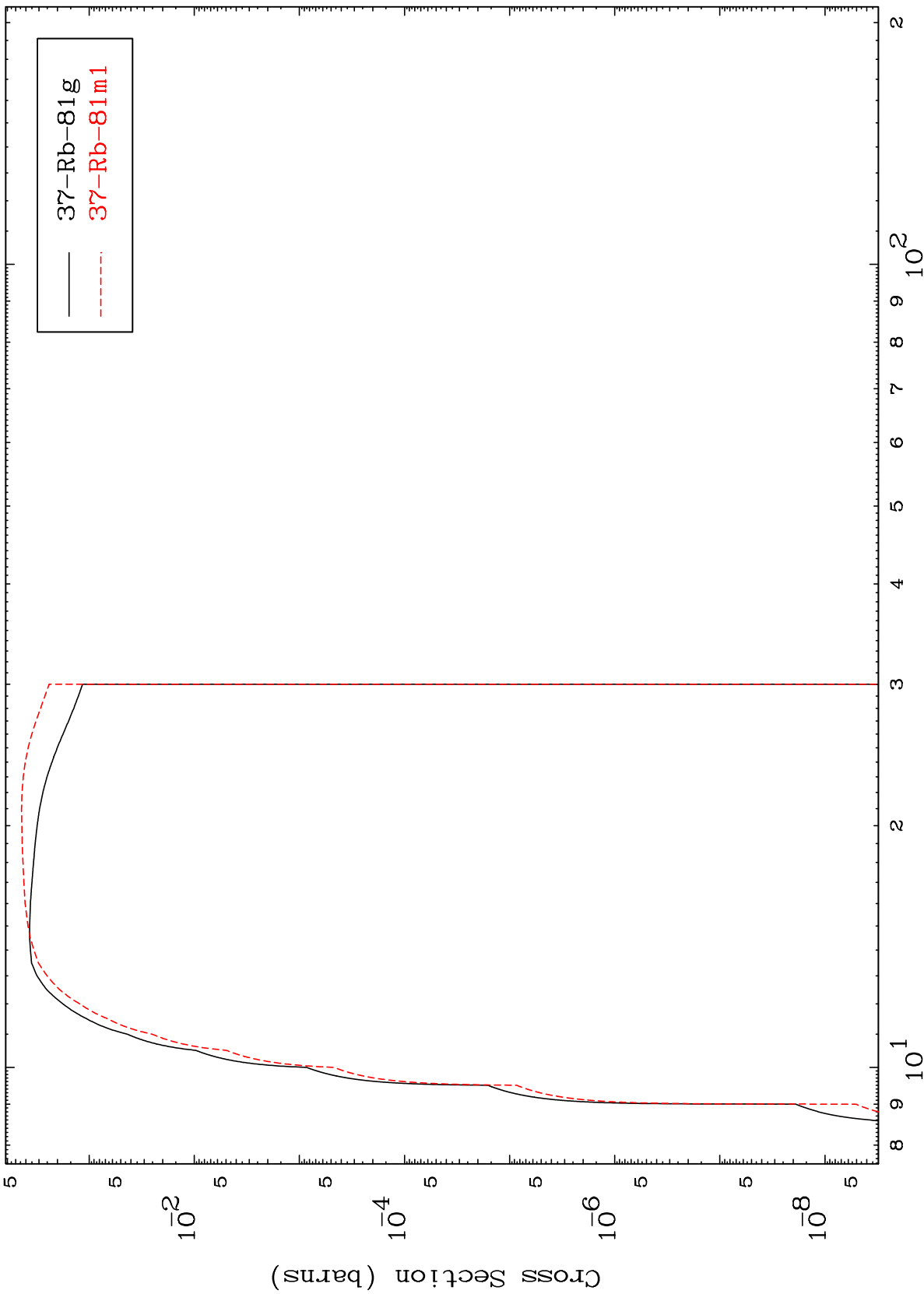


MAT 3819

(n,n') p

38-Sr-82

Radionuclide Production Cross Section

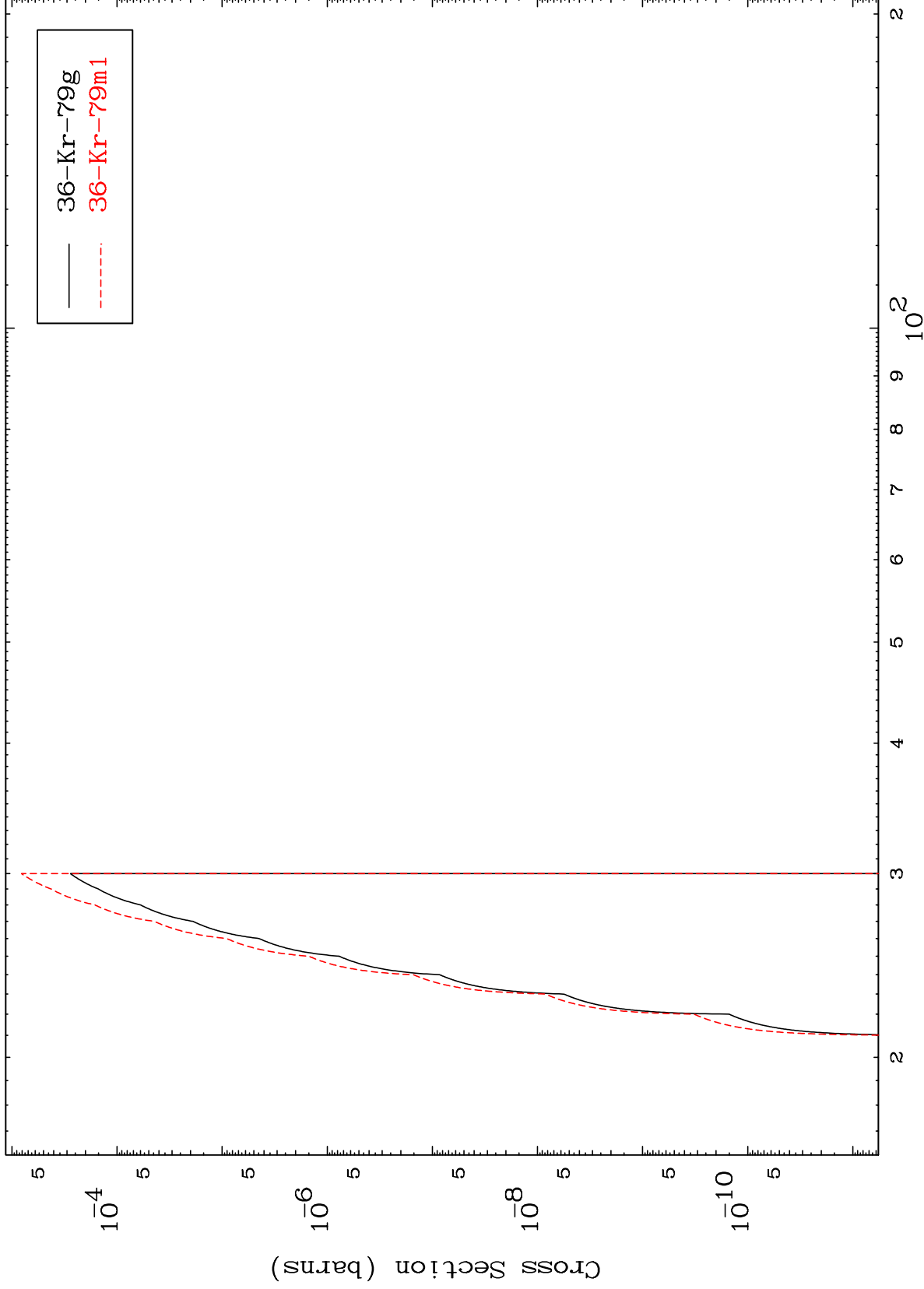


84

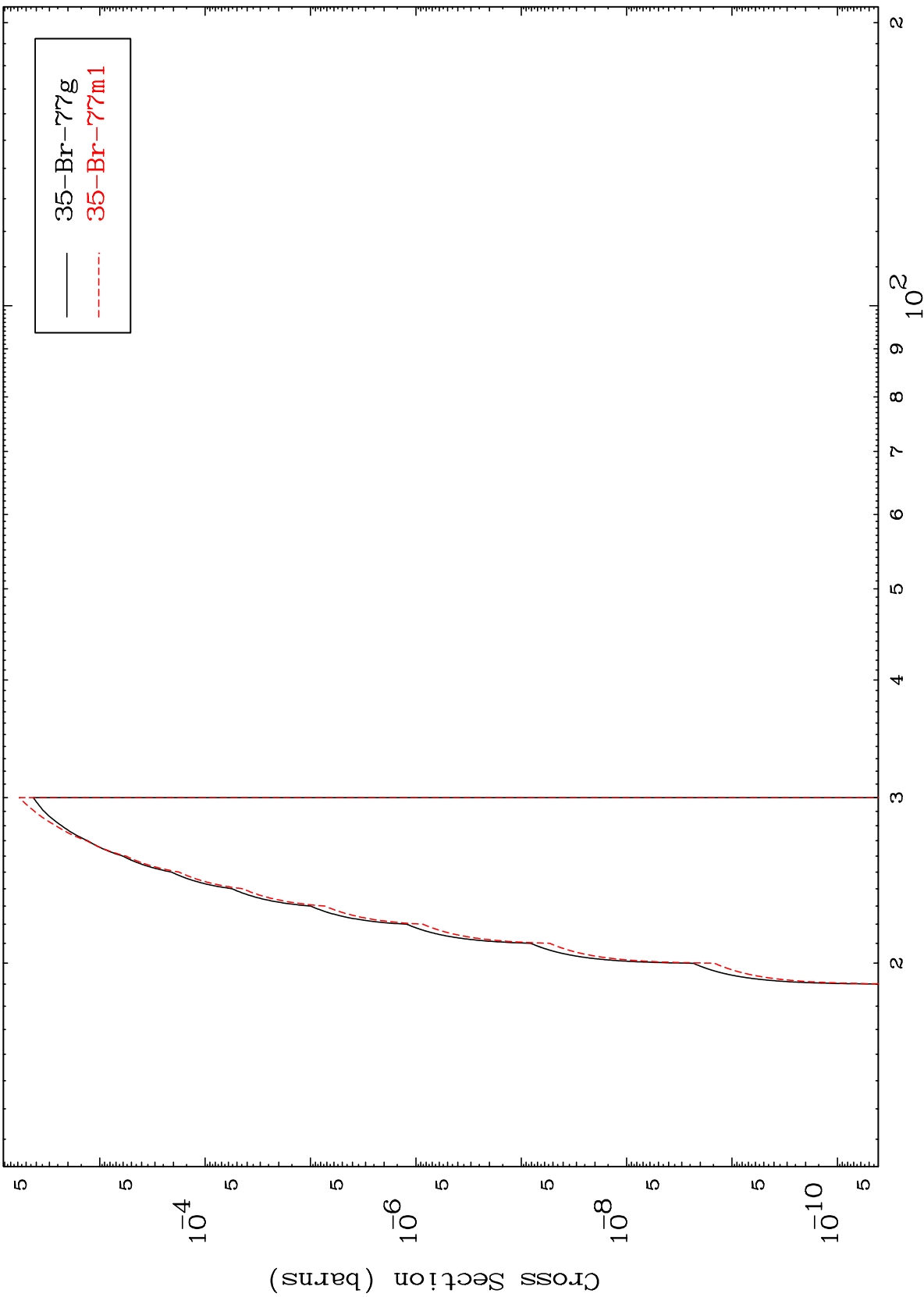
Incident Energy (MeV)

38-Sr-82

Radionuclide Production Cross Section



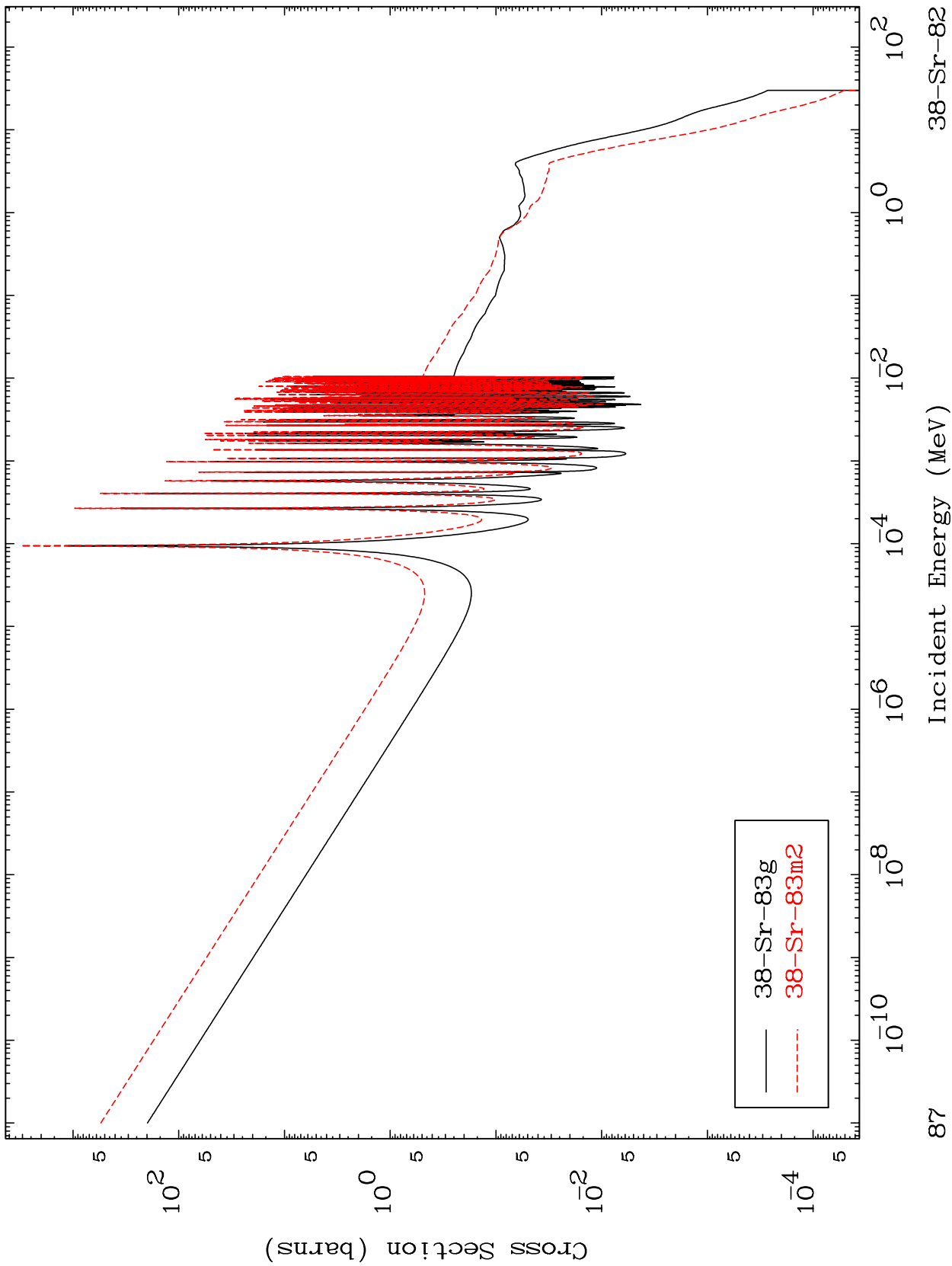
(n,n') p α
Radionuclide Production Cross Section



MAT 3819

38-Sr-82

(n, γ)
Radionuclide Production Cross Section

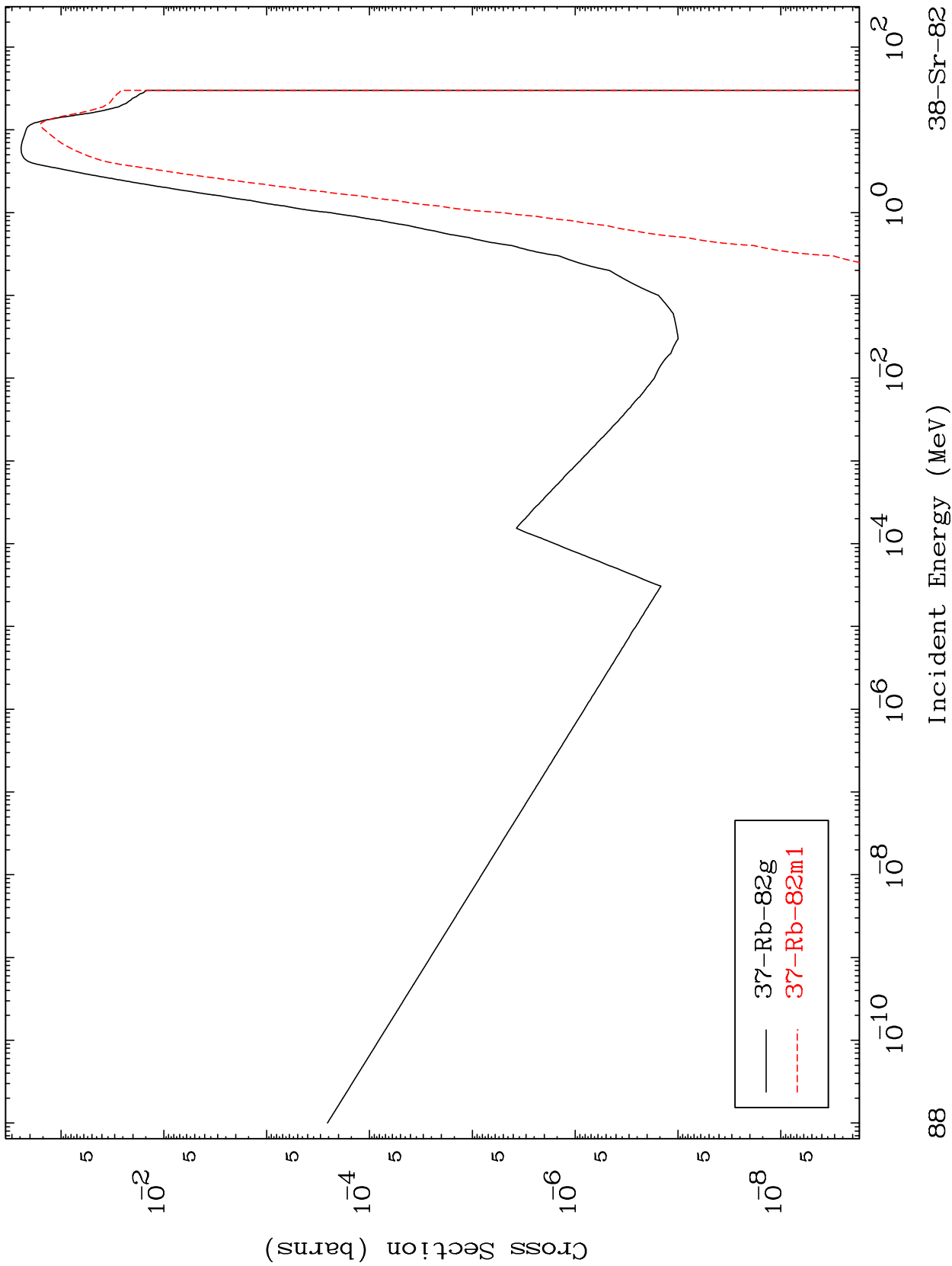


87

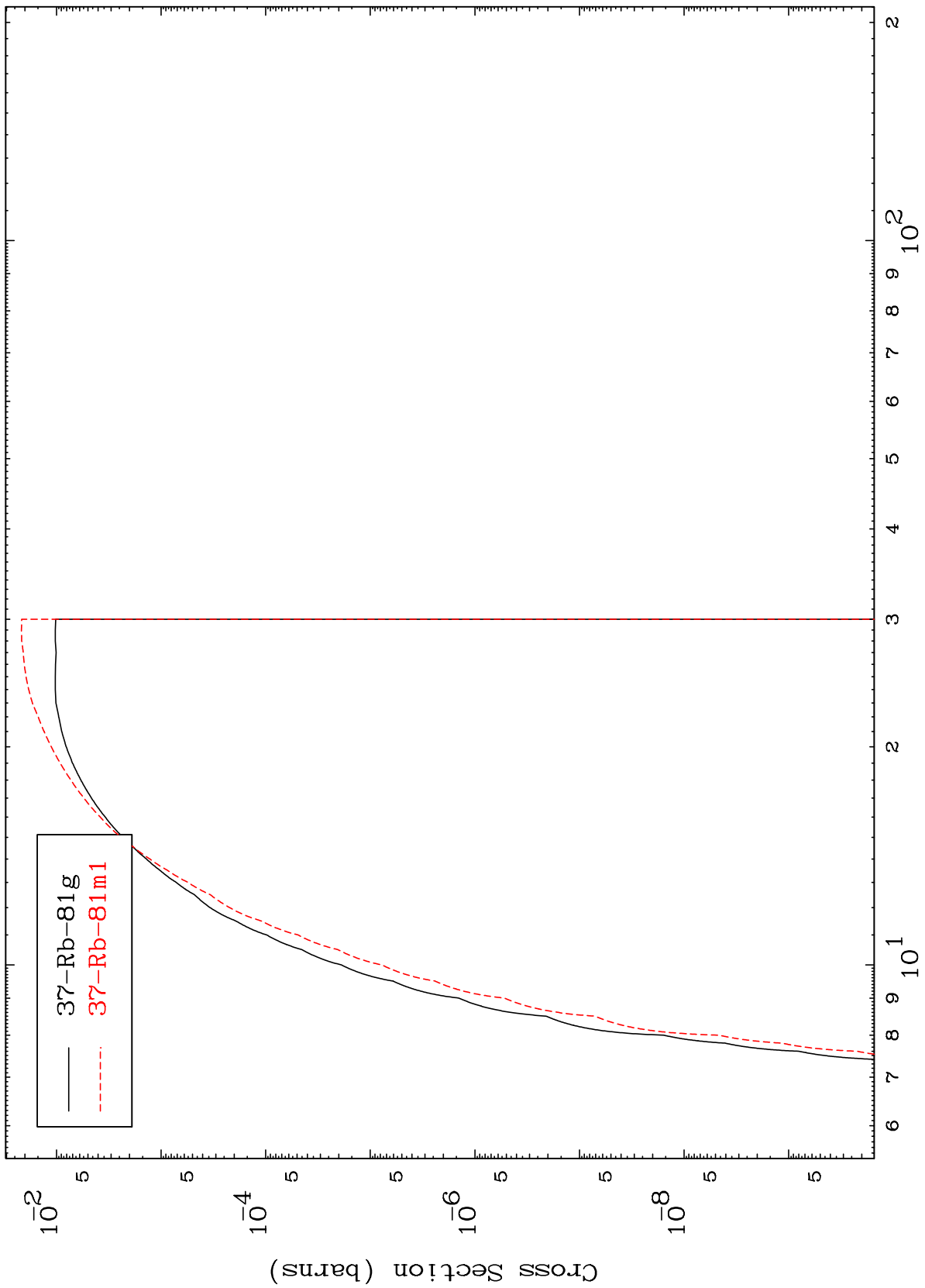
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38-Sr-82

(n,p)
Radionuclide Production Cross Section



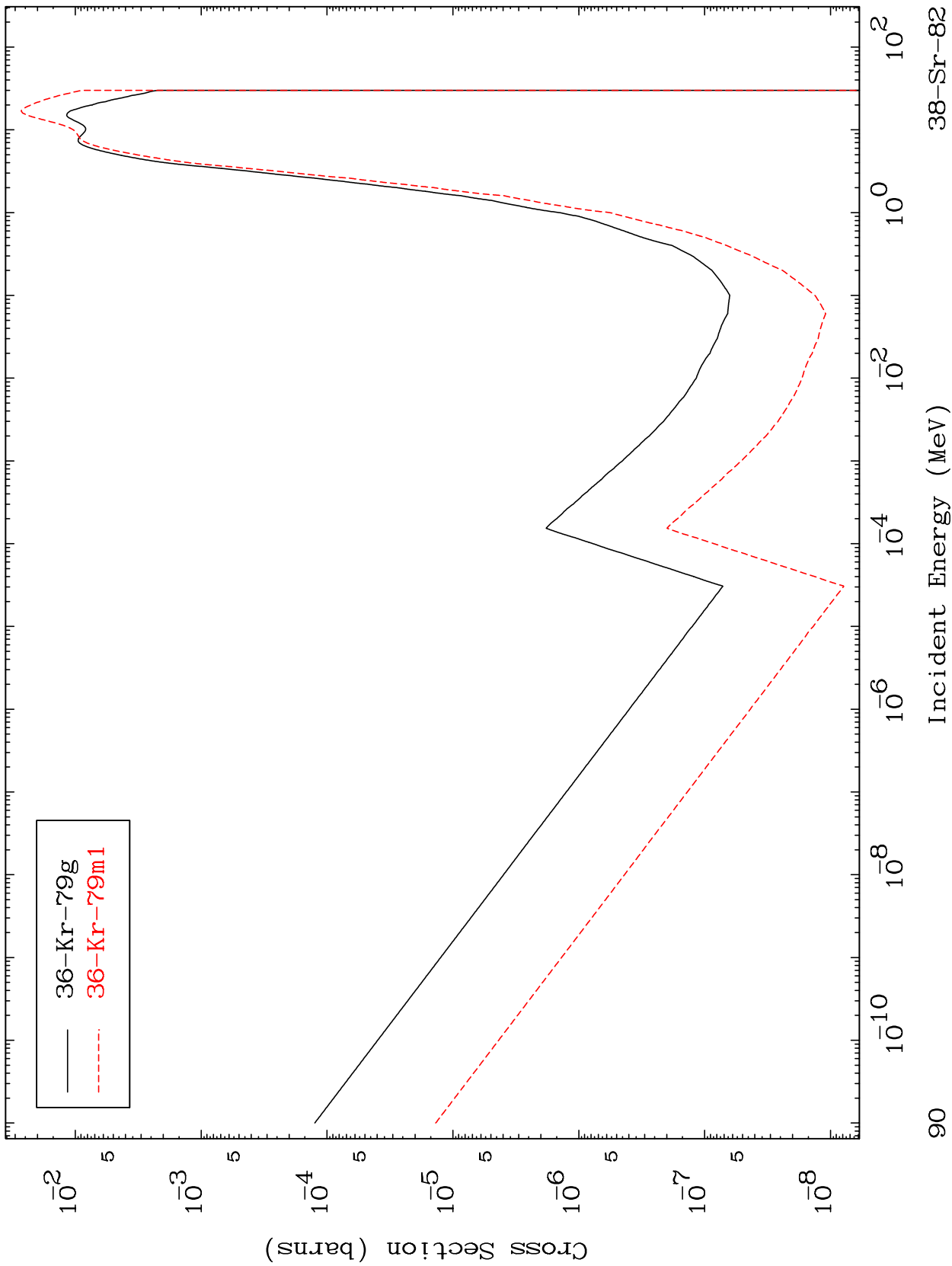
(n,d)
Radionuclide Production Cross Section



MAT 3819

38-Sr-82

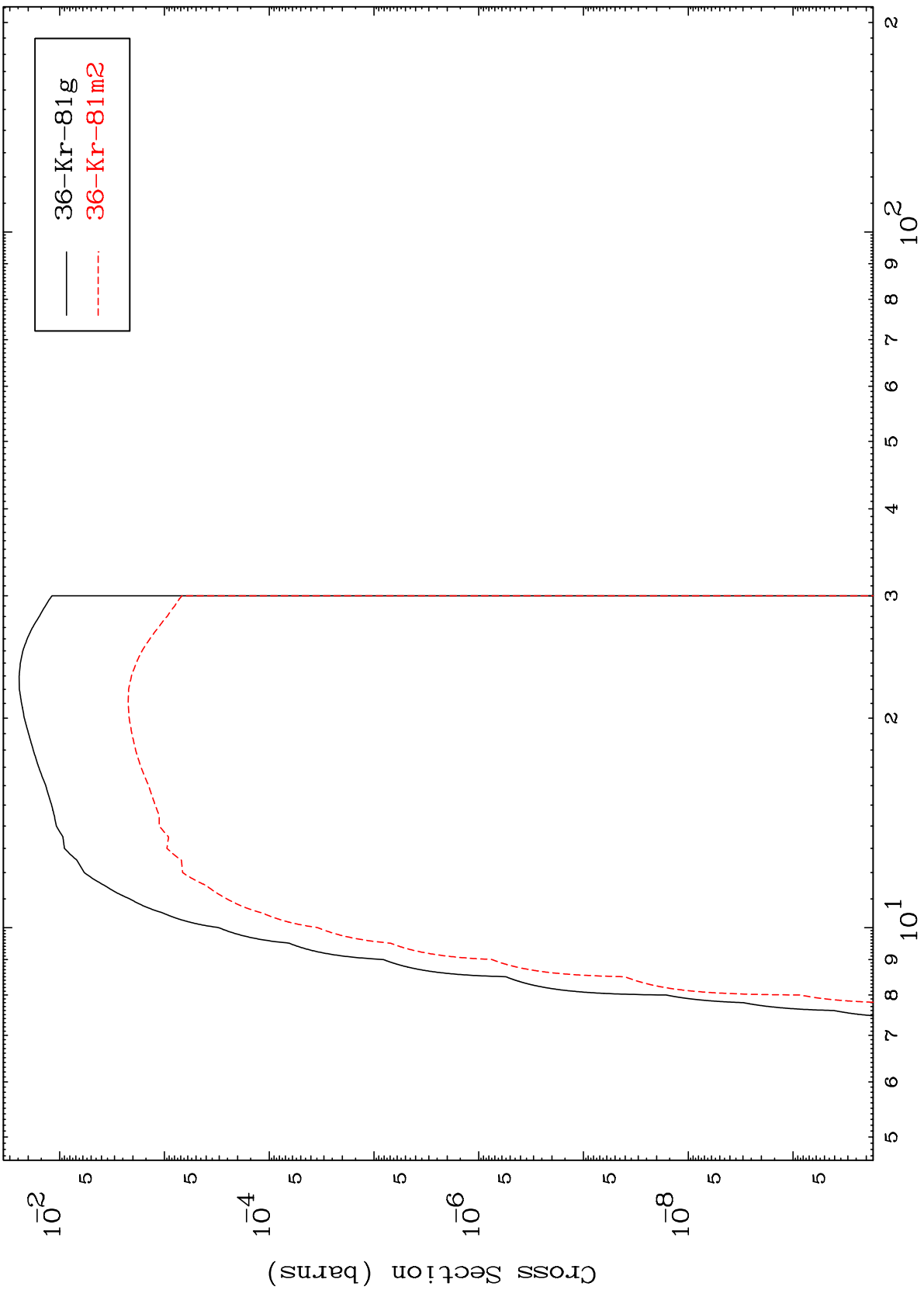
Radionuclide Production Cross Section
(n, α)



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38-Sr-82

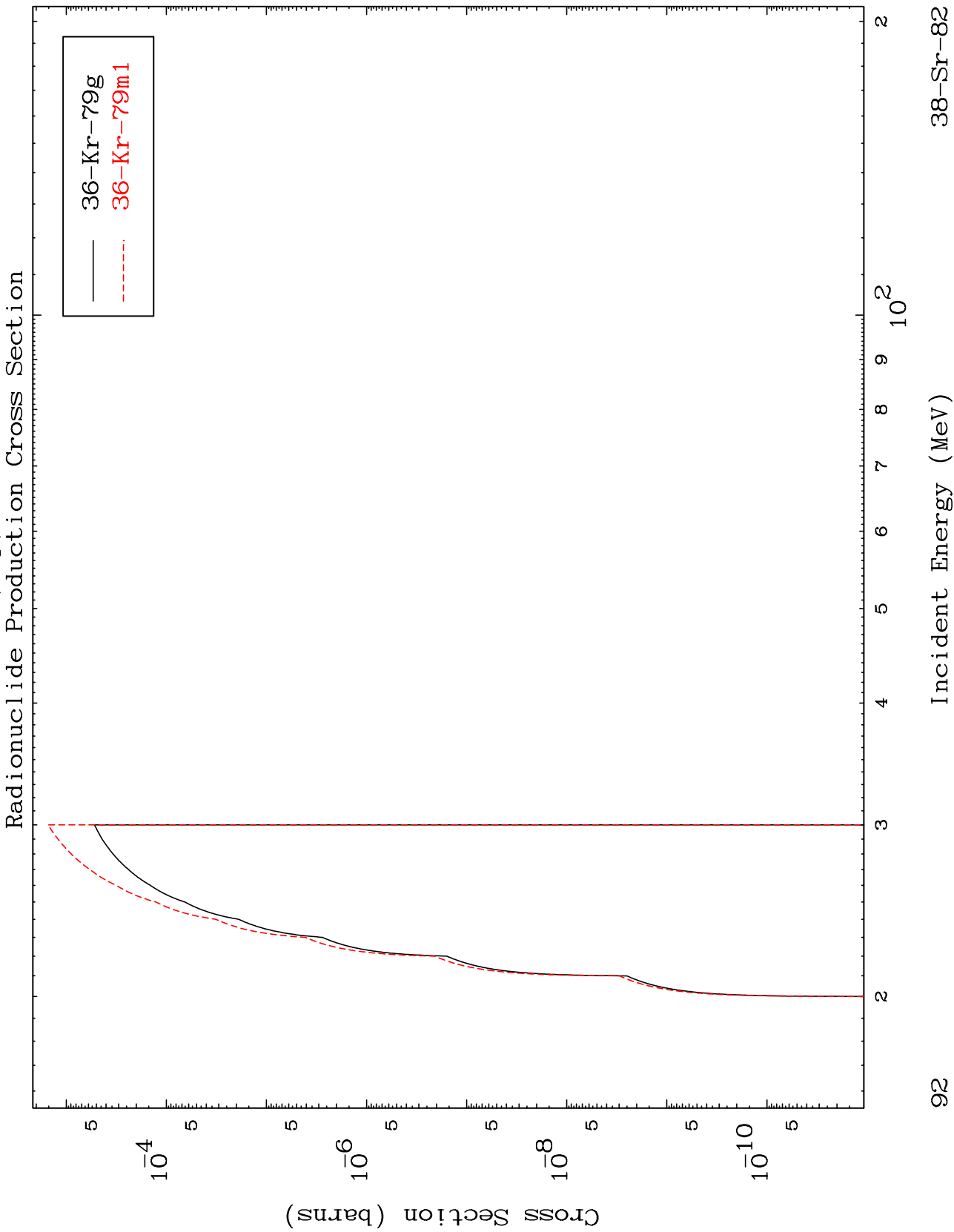
(n,2p)
Radionuclide Production Cross Section



91

Incident Energy (MeV)

38-Sr-82

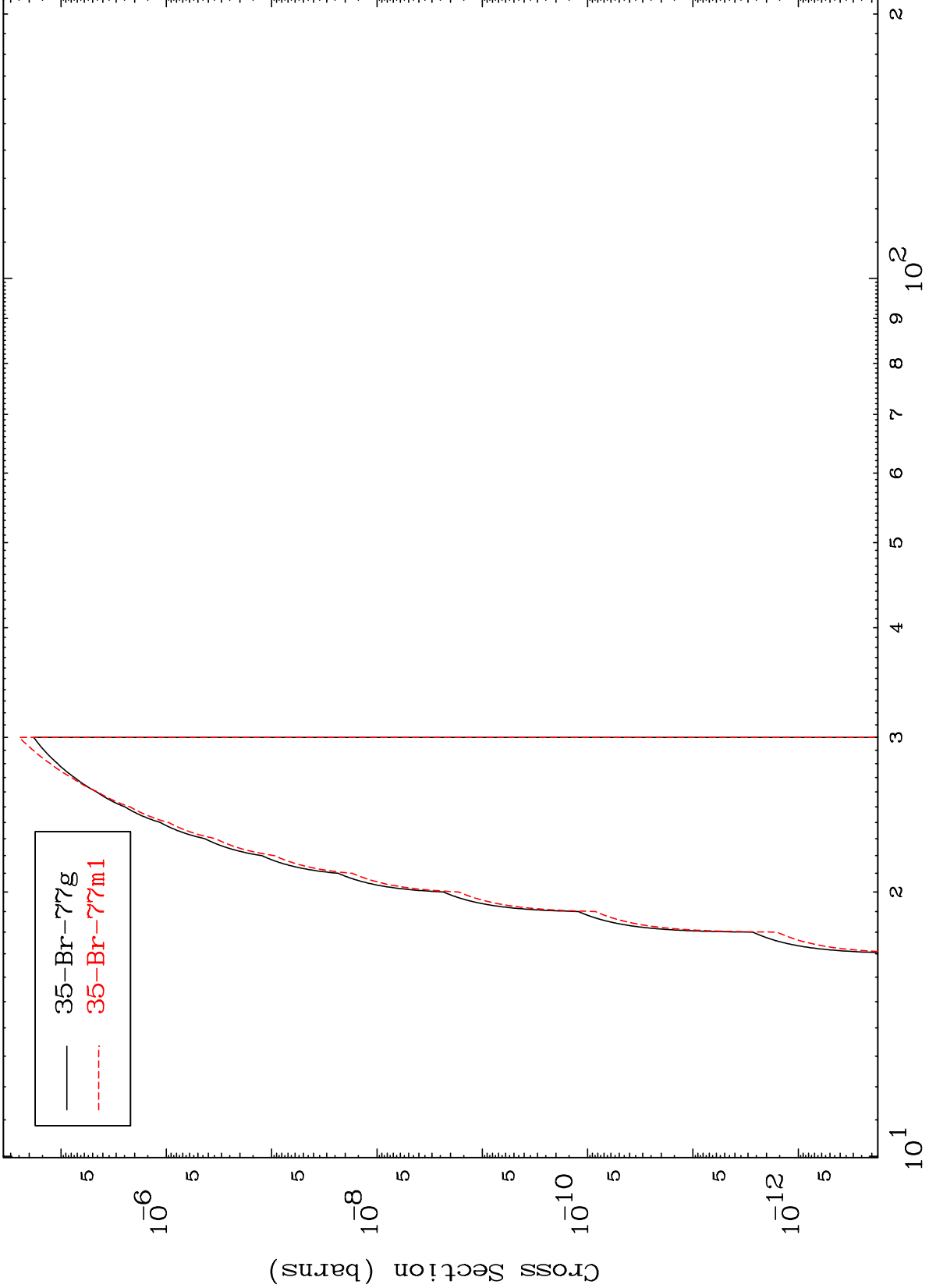


MAT 3819

(n,d) α

38-Sr-82

Radionuclide Production Cross Section



93

Incident Energy (MeV)

38-Sr-82