

Program EVALPLOT  
(Version 2021-1)

by

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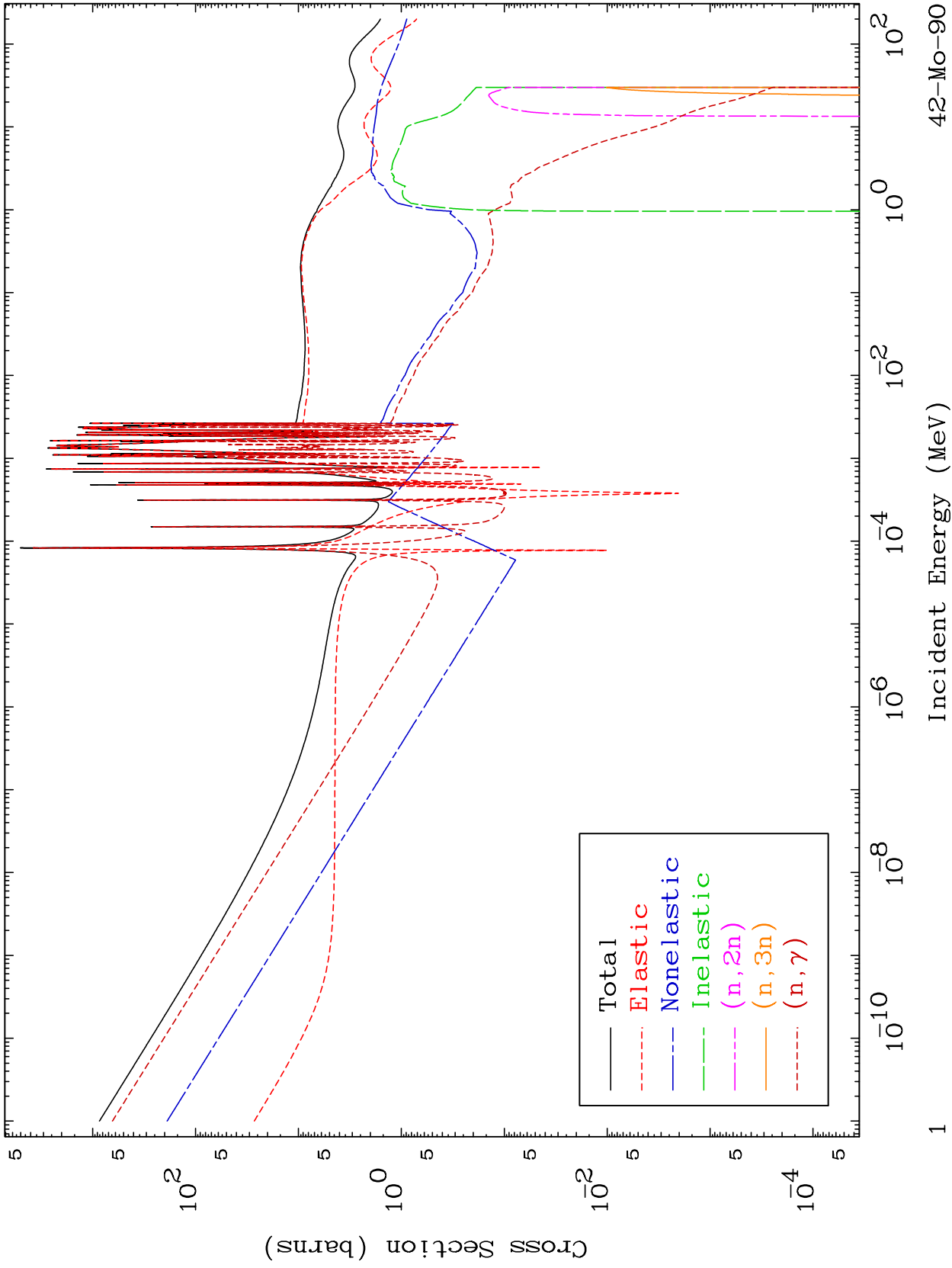
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Press Mouse Button to Start

MAT 4219

Neutron Major  
293 Kelvin Cross Sections

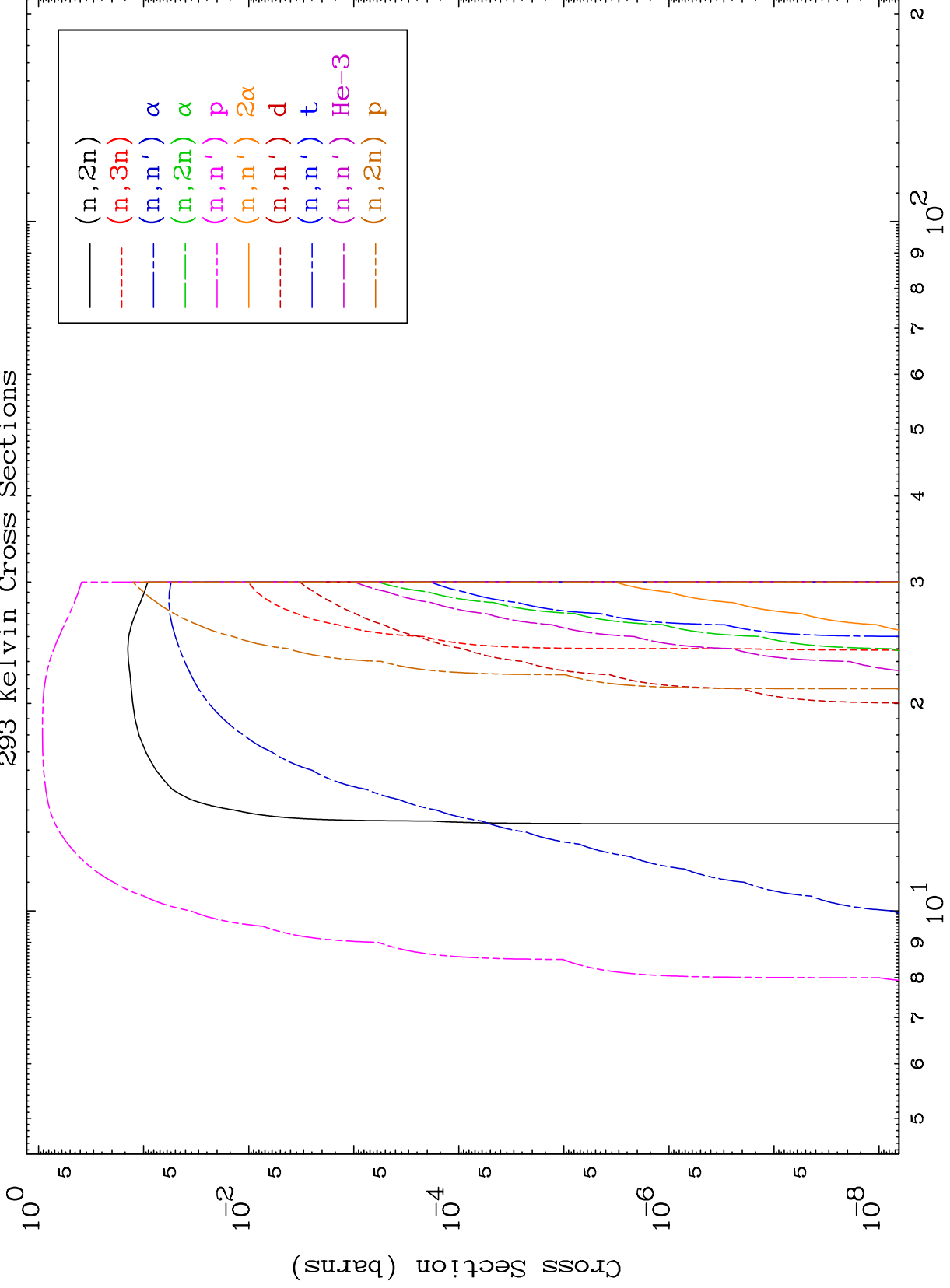
42-Mo-90



MAT 4219

Neutron Absorption  
293 Kelvin Cross Sections

42-Mo-90



2

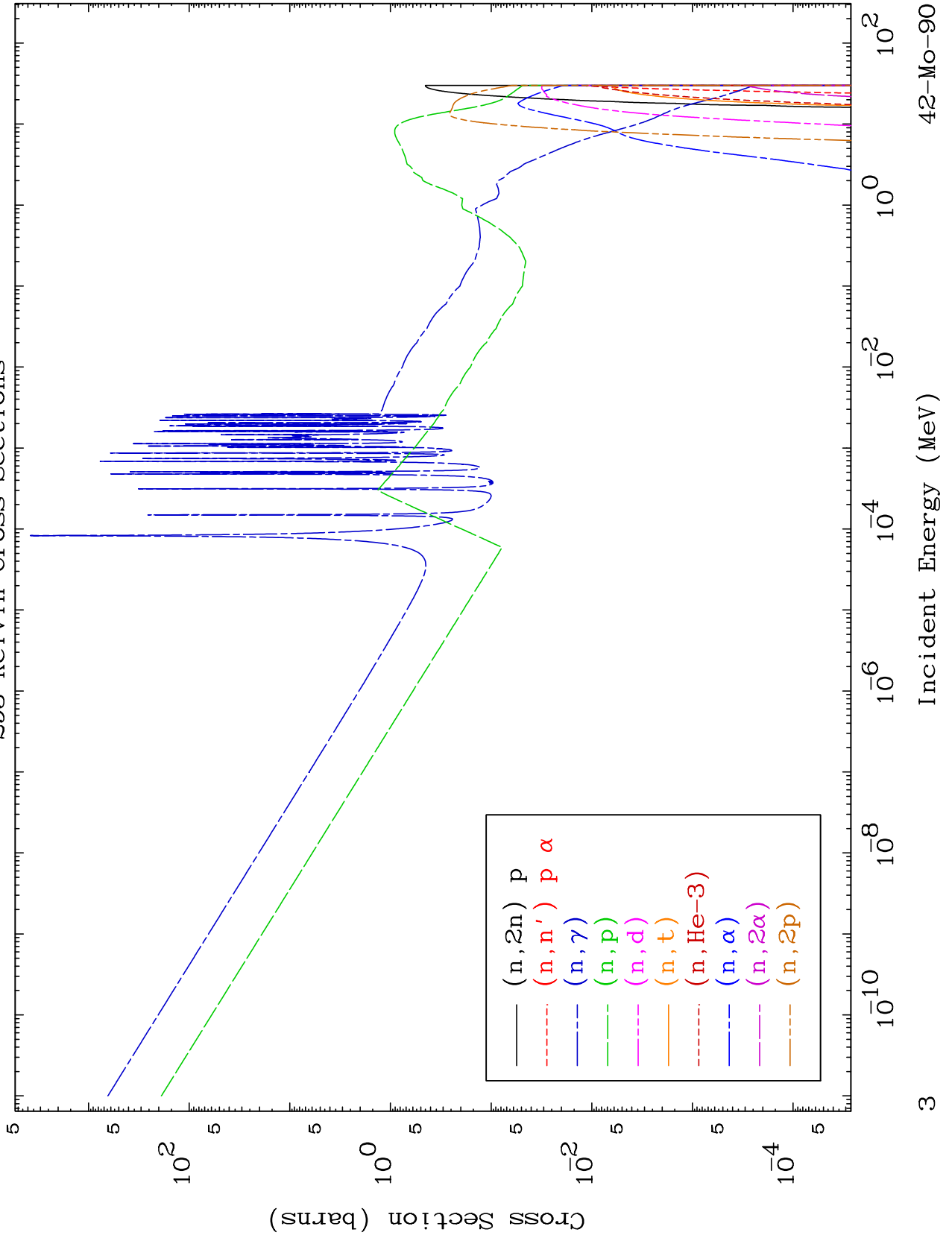
Incident Energy (MeV)

42-Mo-90

MAT 4219

Neutron Absorption  
293 Kelvin Cross Sections

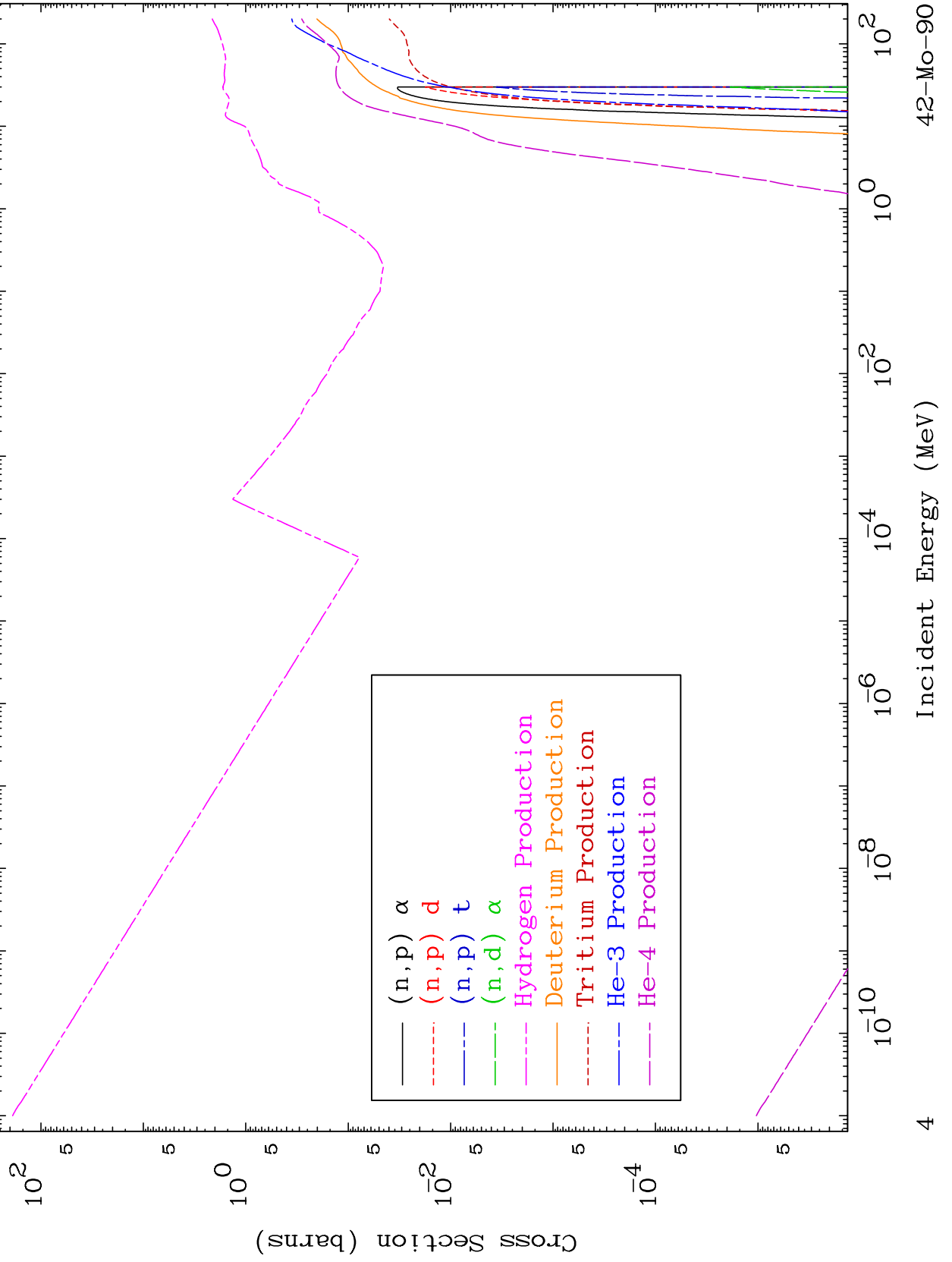
42-Mo-90



MAT 4219

Neutron Absorption  
293 Kelvin Cross Sections

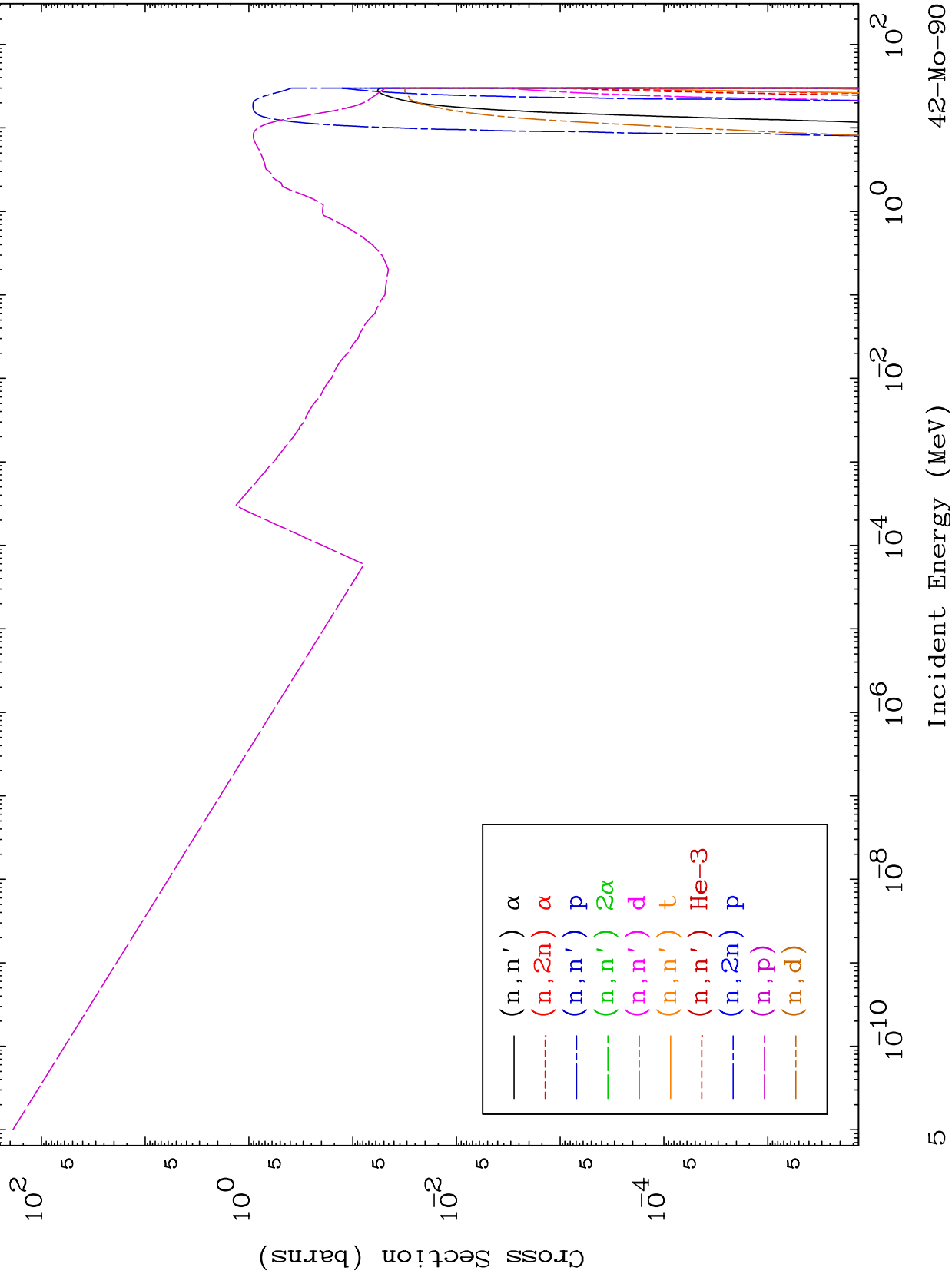
42-Mo-90



MAT 4219

Charged Particle  
293 Kelvin Cross Sections

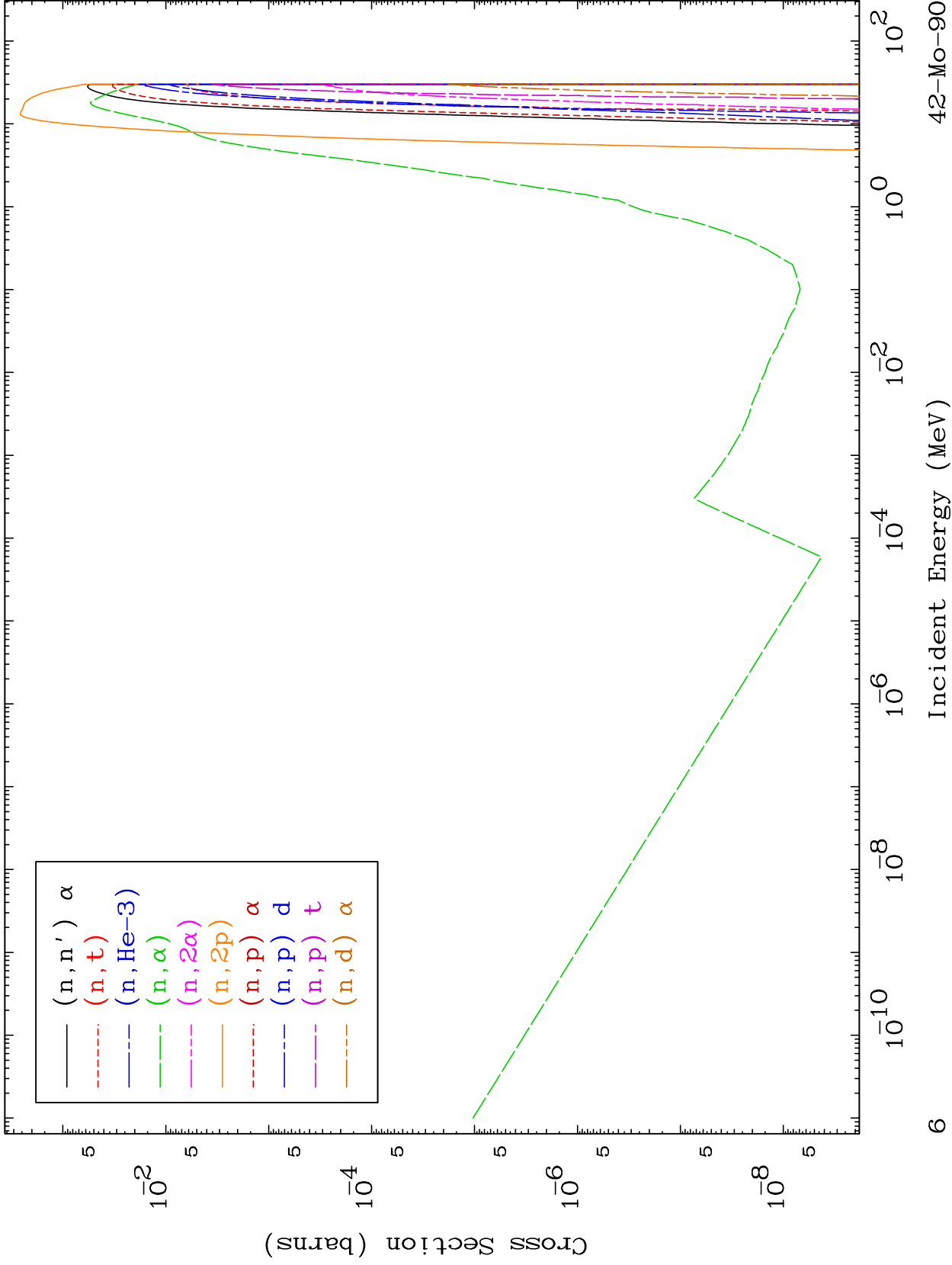
42-Mo-90



MAT 4219

Charged Particle  
293 Kelvin Cross Sections

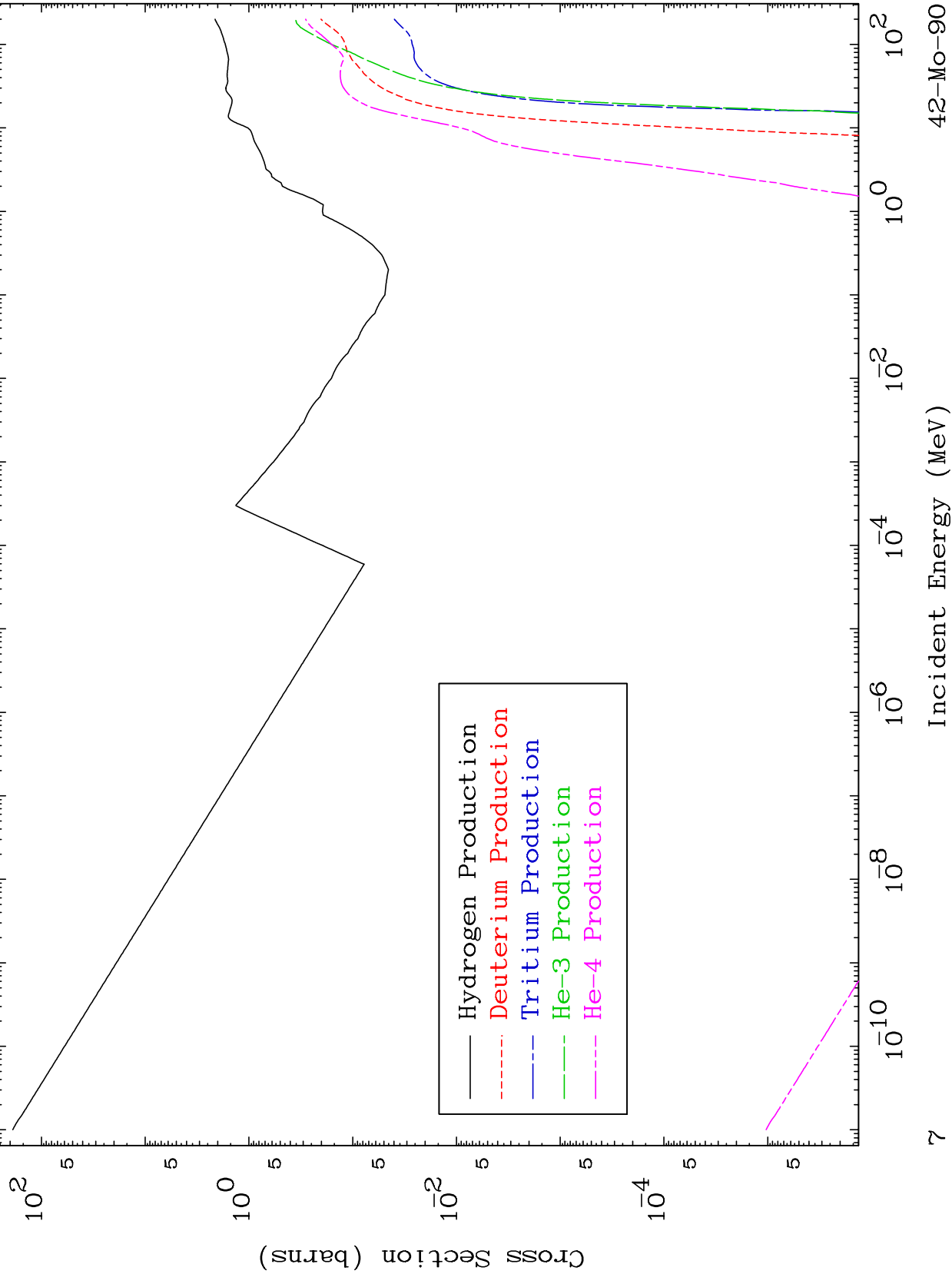
42-Mo-90



MAT 4219

Particle Production  
293 Kelvin Cross Sections

42-Mo-90

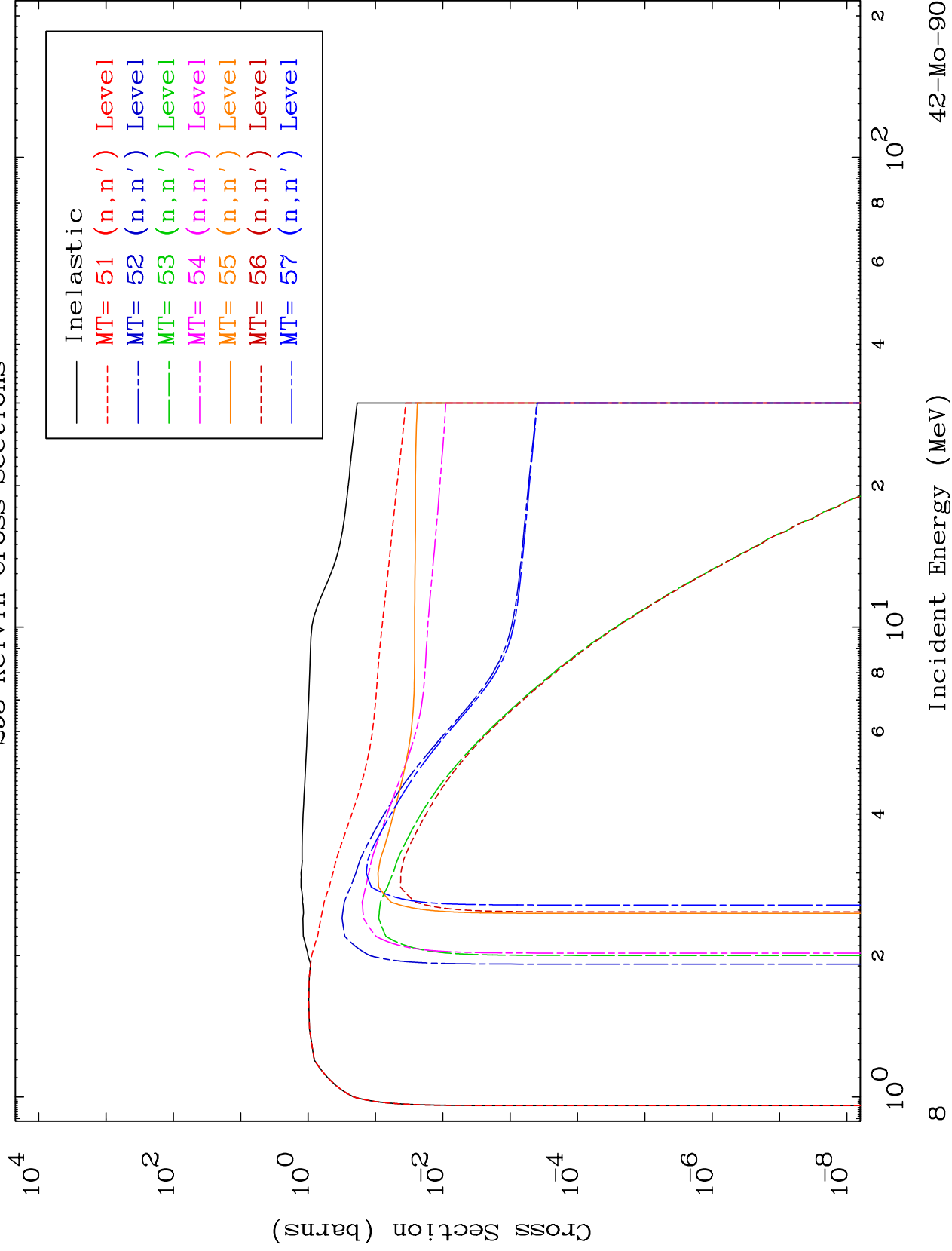


MAT 4219

(n,n') Levels

42-Mo-90

293 Kelvin Cross Sections



Incident Energy (MeV)

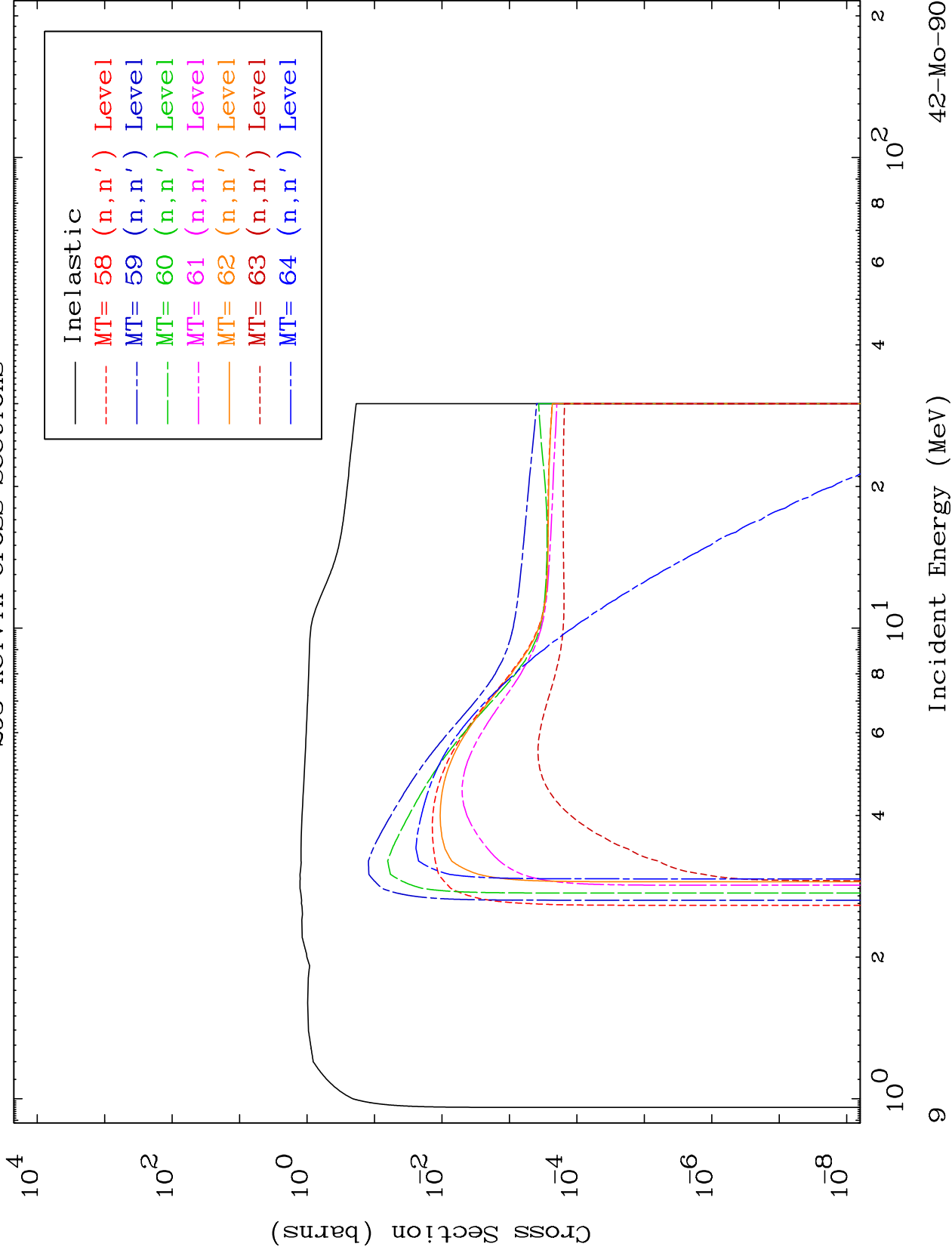
42-Mo-90

MAT 4219

(n,n') Levels

42-Mo-90

293 Kelvin Cross Sections

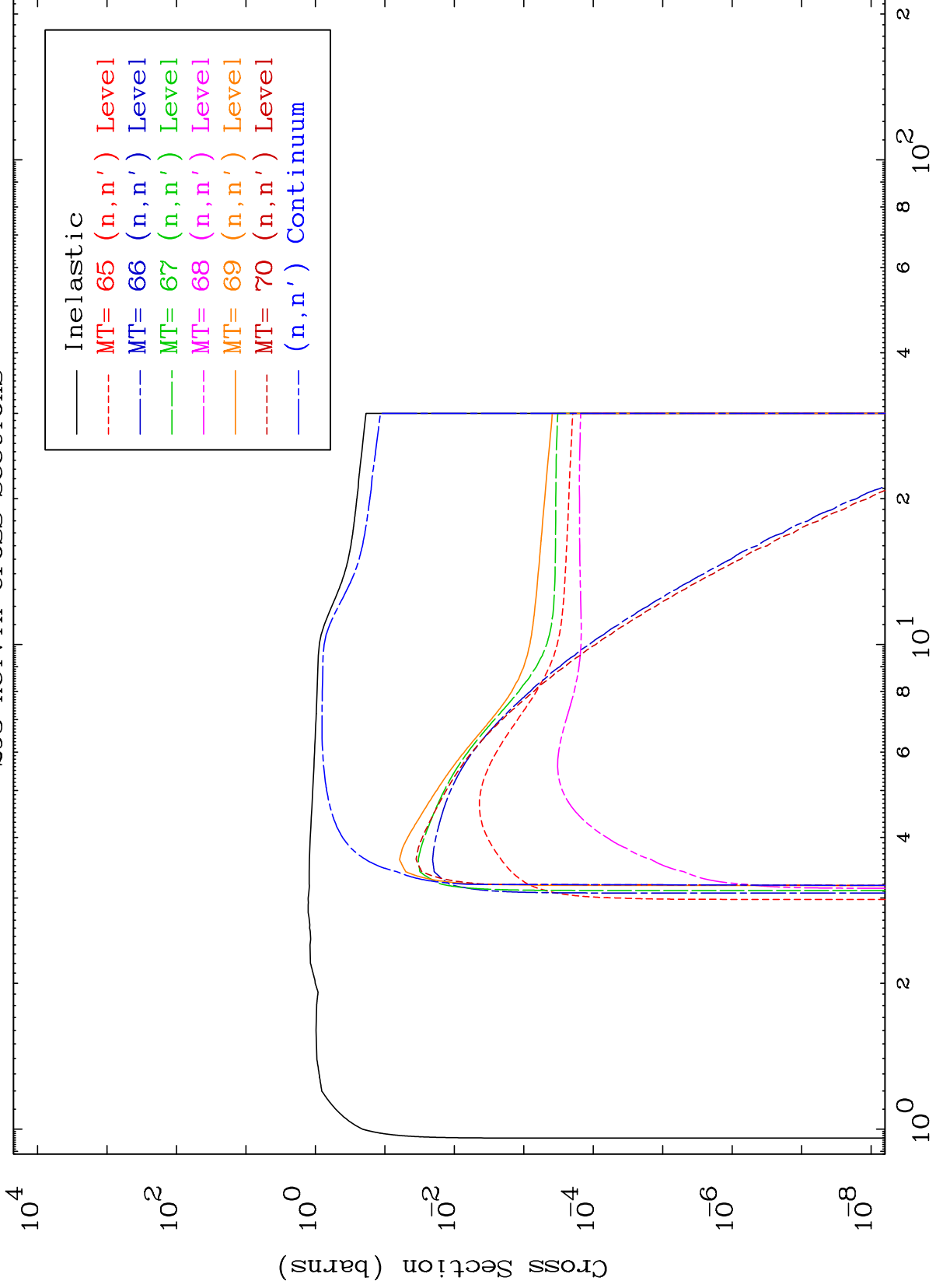


MAT 4219

(n,n') Levels

293 Kelvin Cross Sections

42-Mo-90



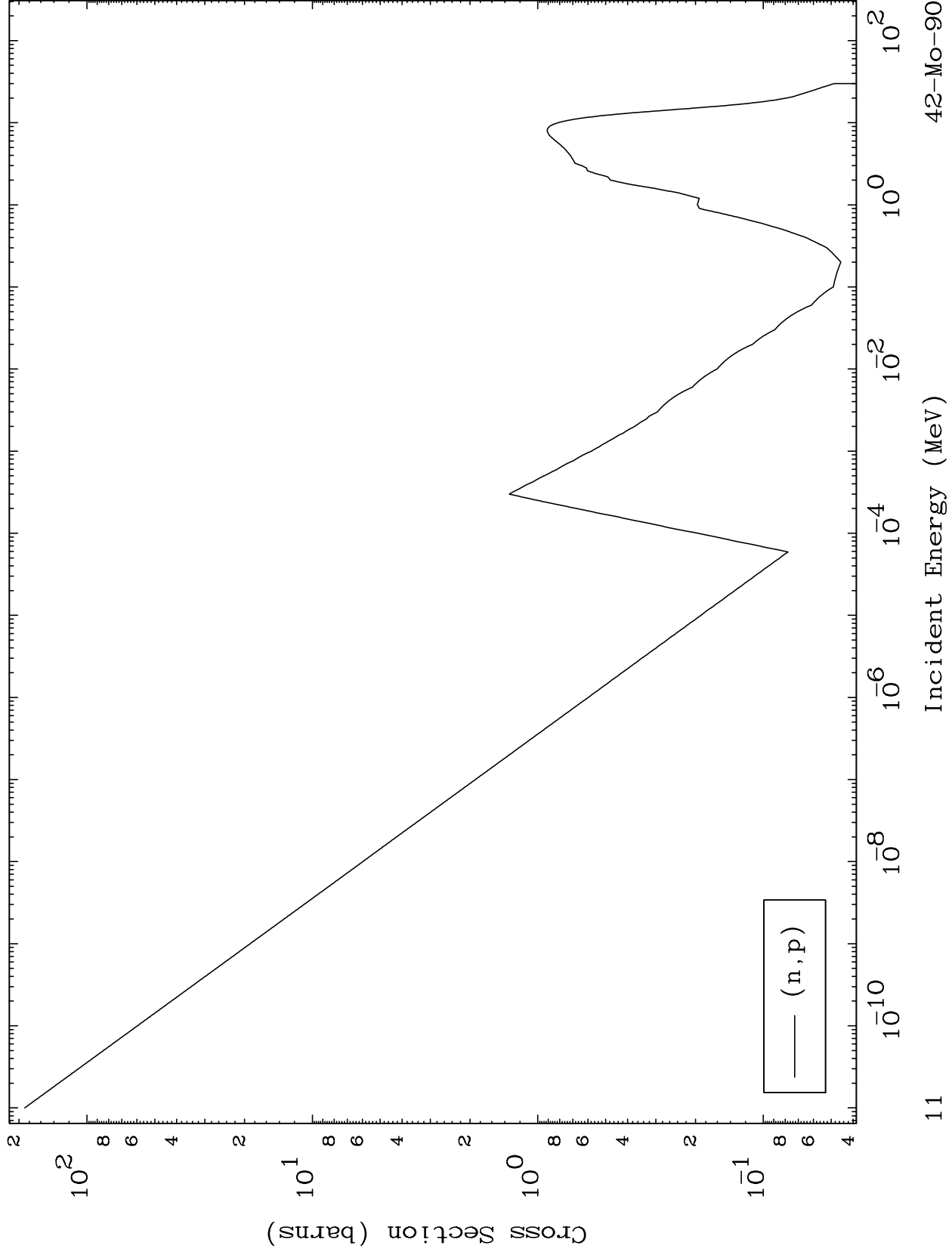
Incident Energy (MeV)

42-Mo-90

MAT 4219

(n,p) Levels  
293 Kelvin Cross Sections

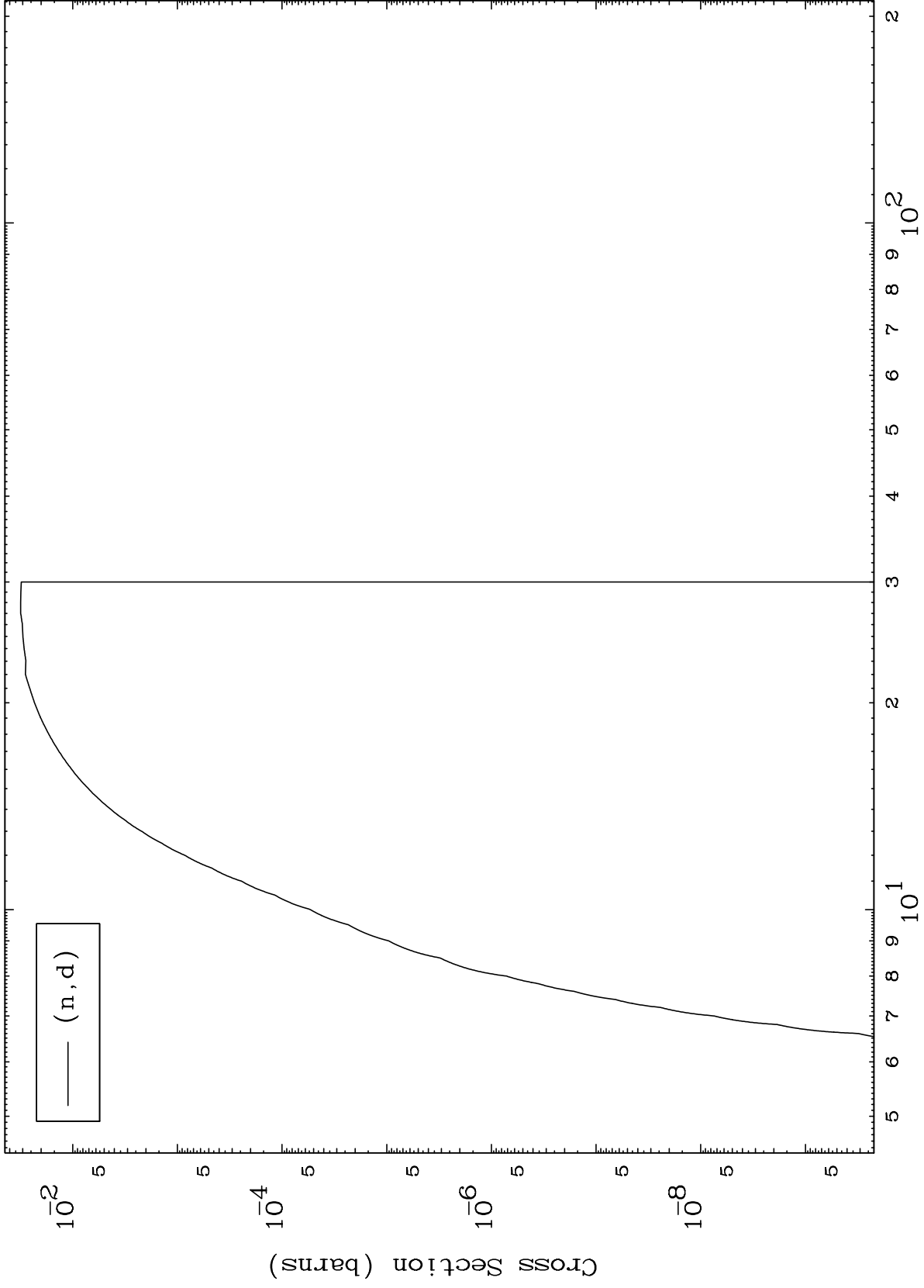
42-Mo-90



MAT 4219

(n,d) Levels  
293 Kelvin Cross Sections

42-Mo-90



12

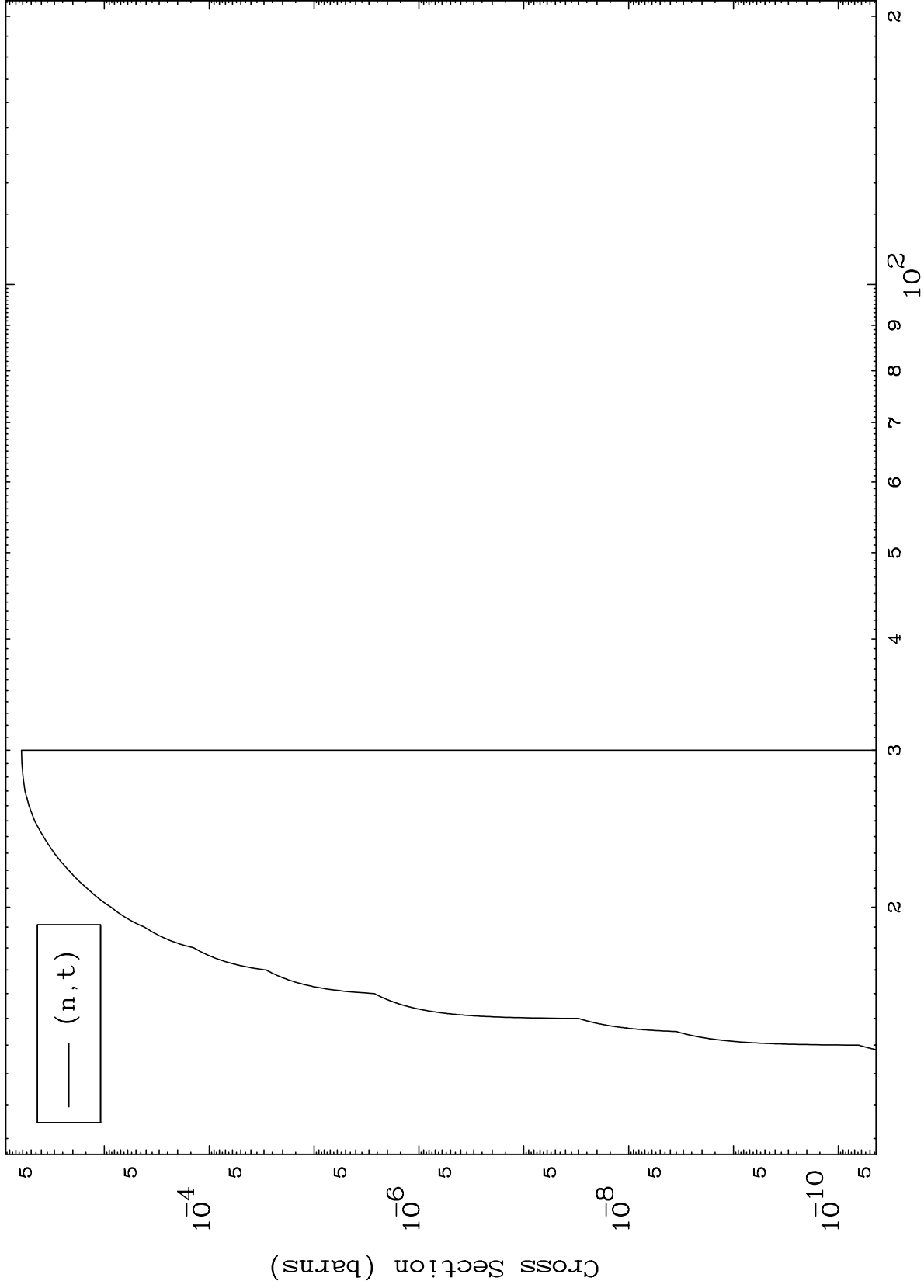
Incident Energy (MeV)

42-Mo-90

MAT 4219

(n,t) Levels  
293 Kelvin Cross Sections

42-Mo-90



13

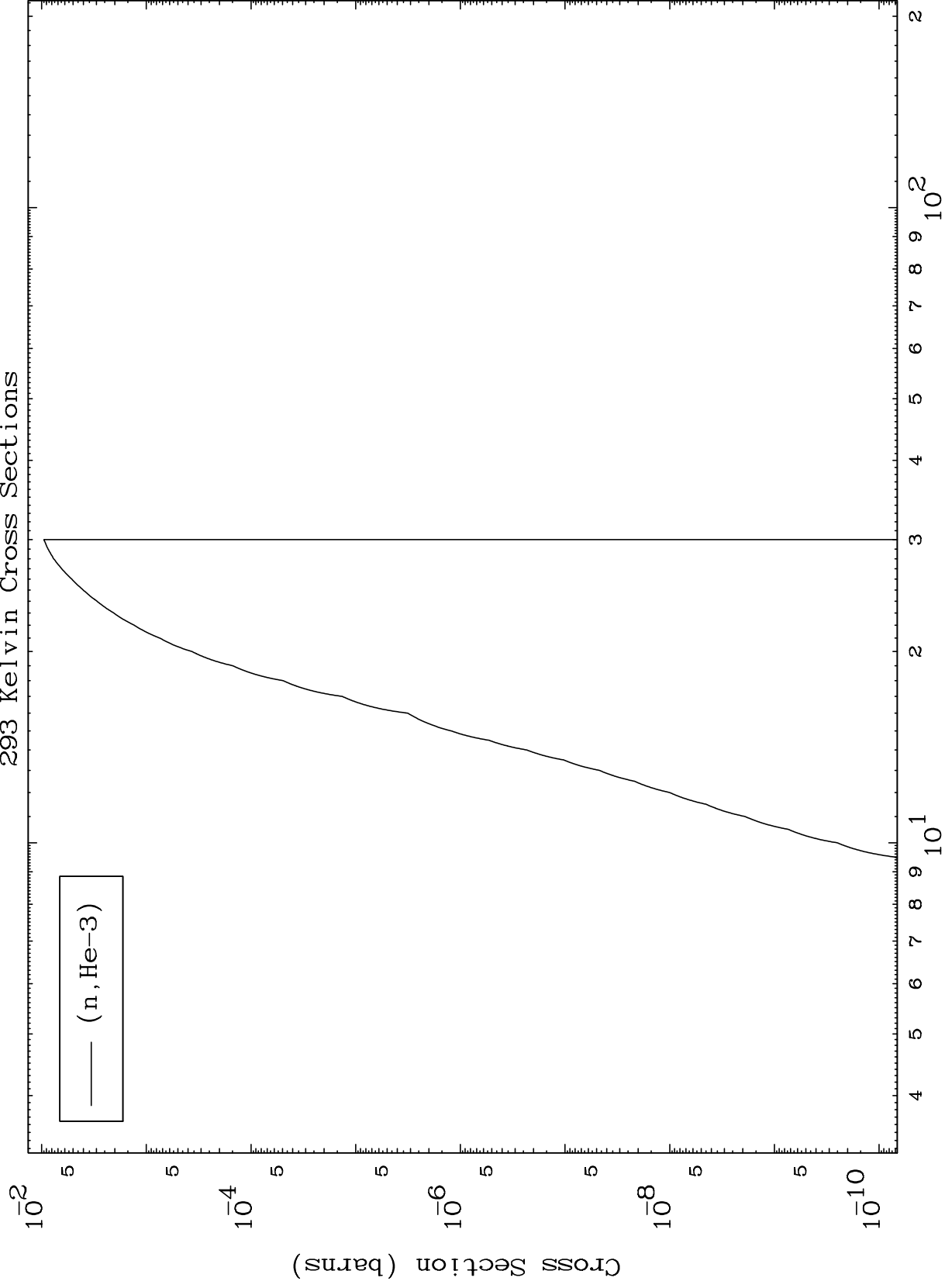
Incident Energy (MeV)

42-Mo-90

MAT 4219

(n,He3) Levels  
293 Kelvin Cross Sections

42-Mo-90



14

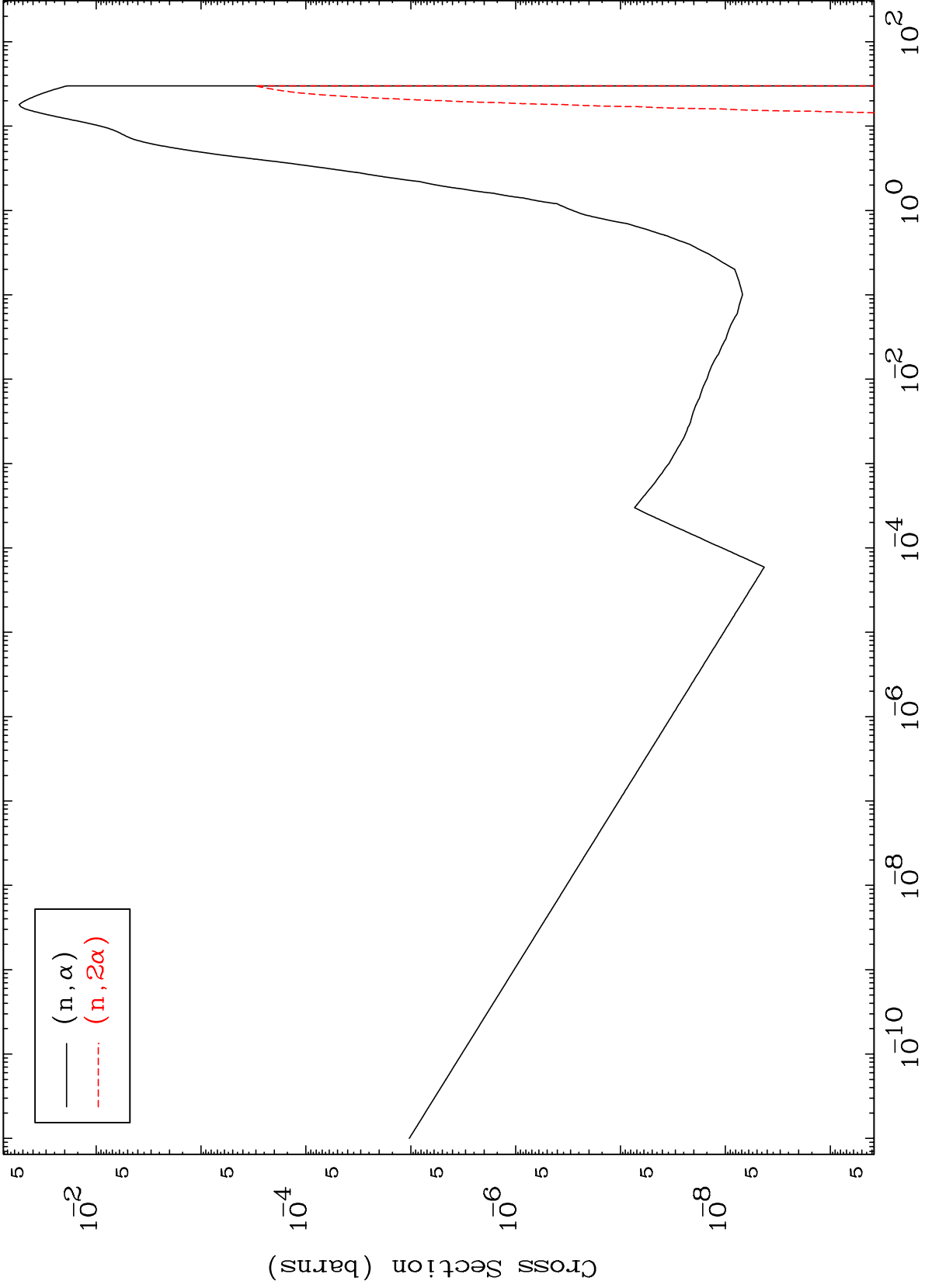
Incident Energy (MeV)

42-Mo-90

MAT 4219

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

42-Mo-90



15

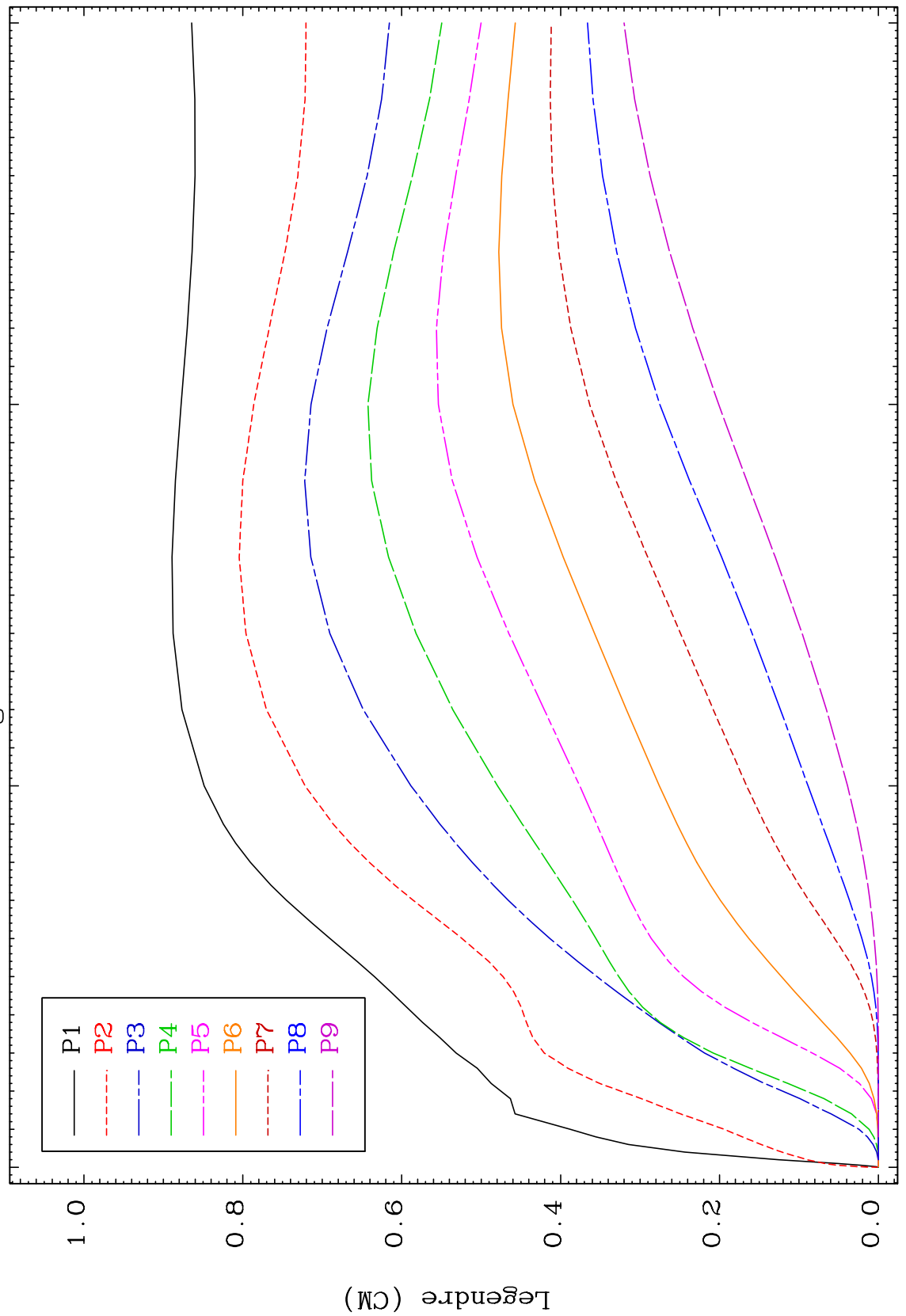
Incident Energy (MeV)

42-Mo-90

MAT 4219

Elastic Legendre Coefficients

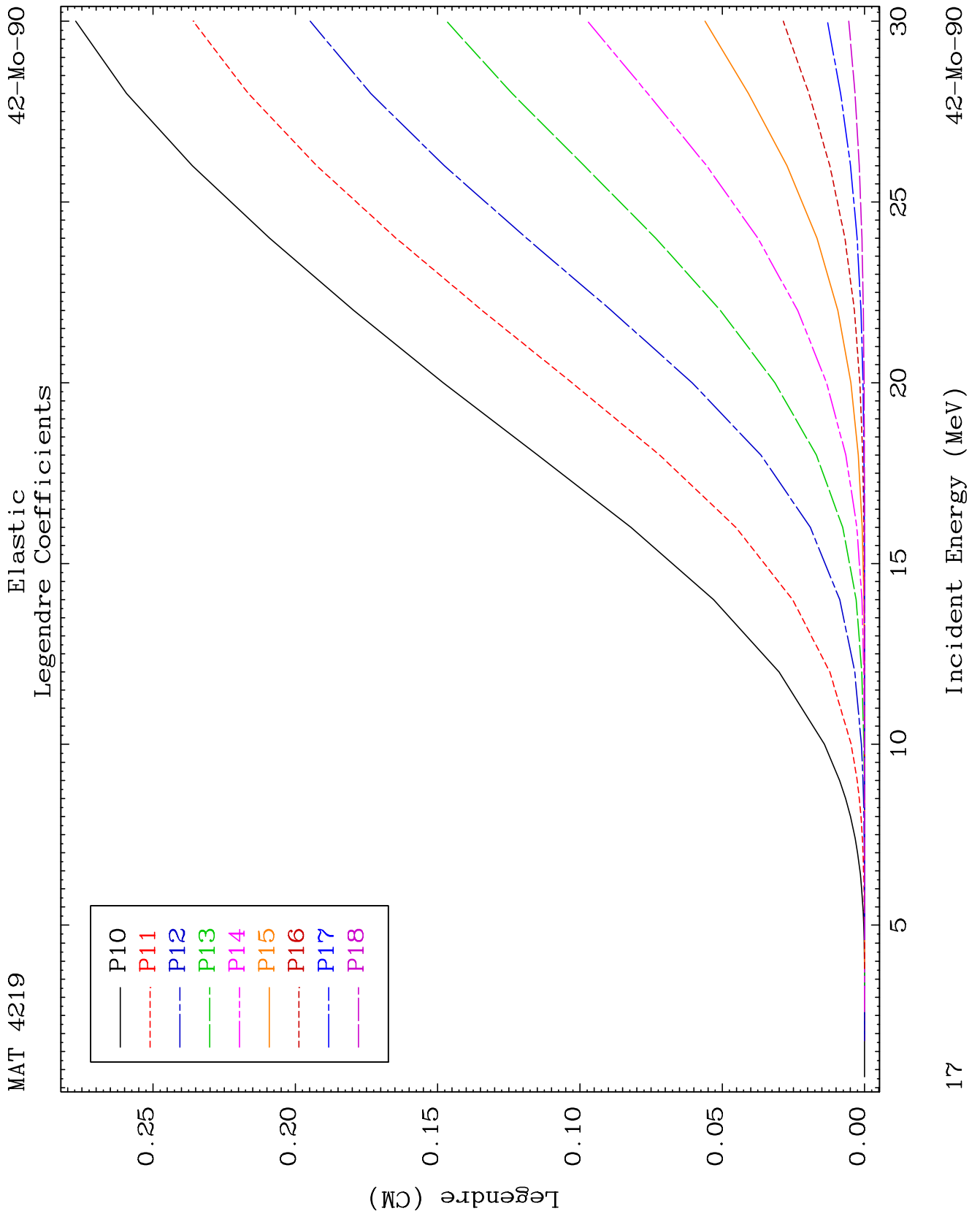
42-Mo-90



16

Incident Energy (MeV)

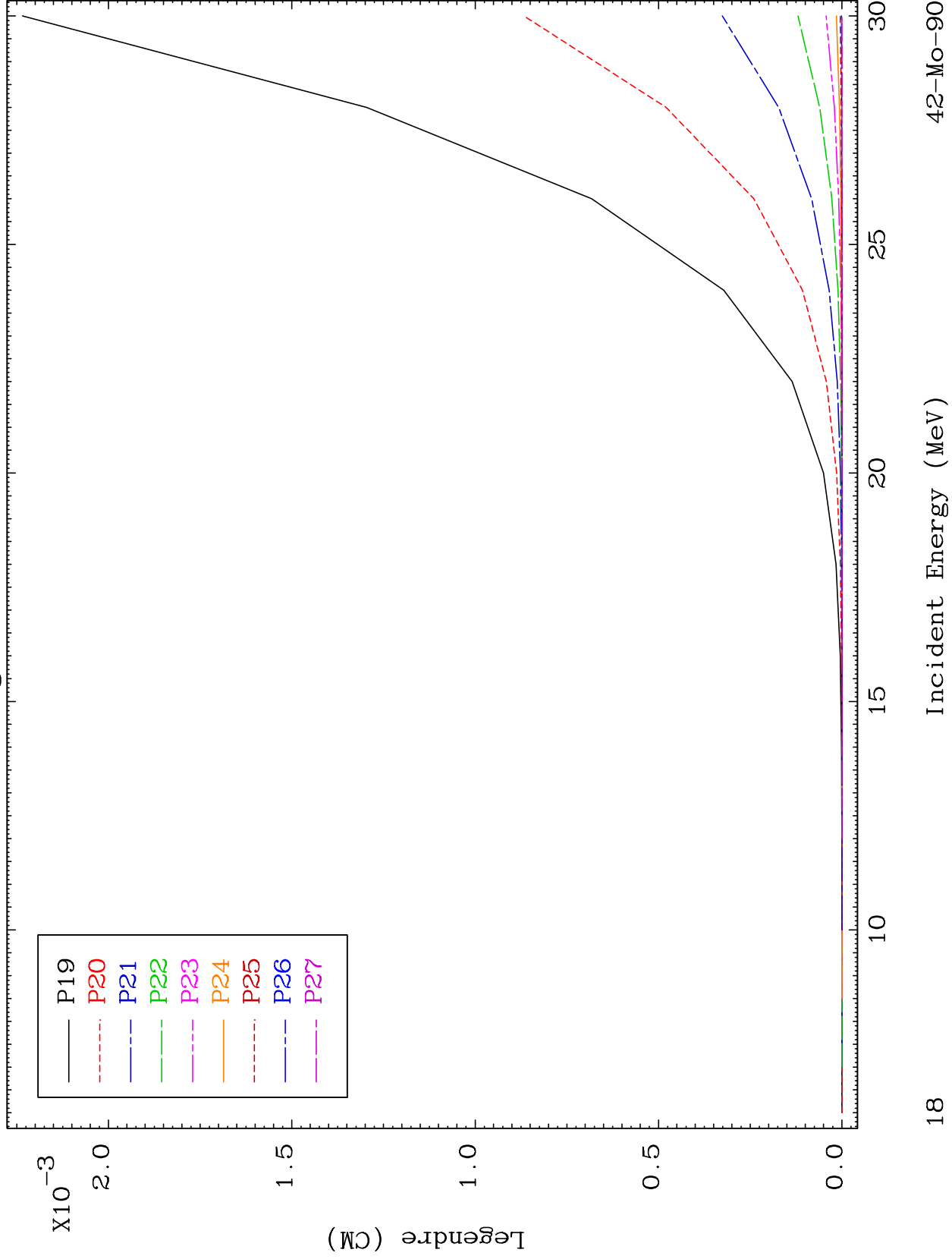
42-Mo-90



MAT 4219

Elastic  
Legendre Coefficients

42-Mo-90



18

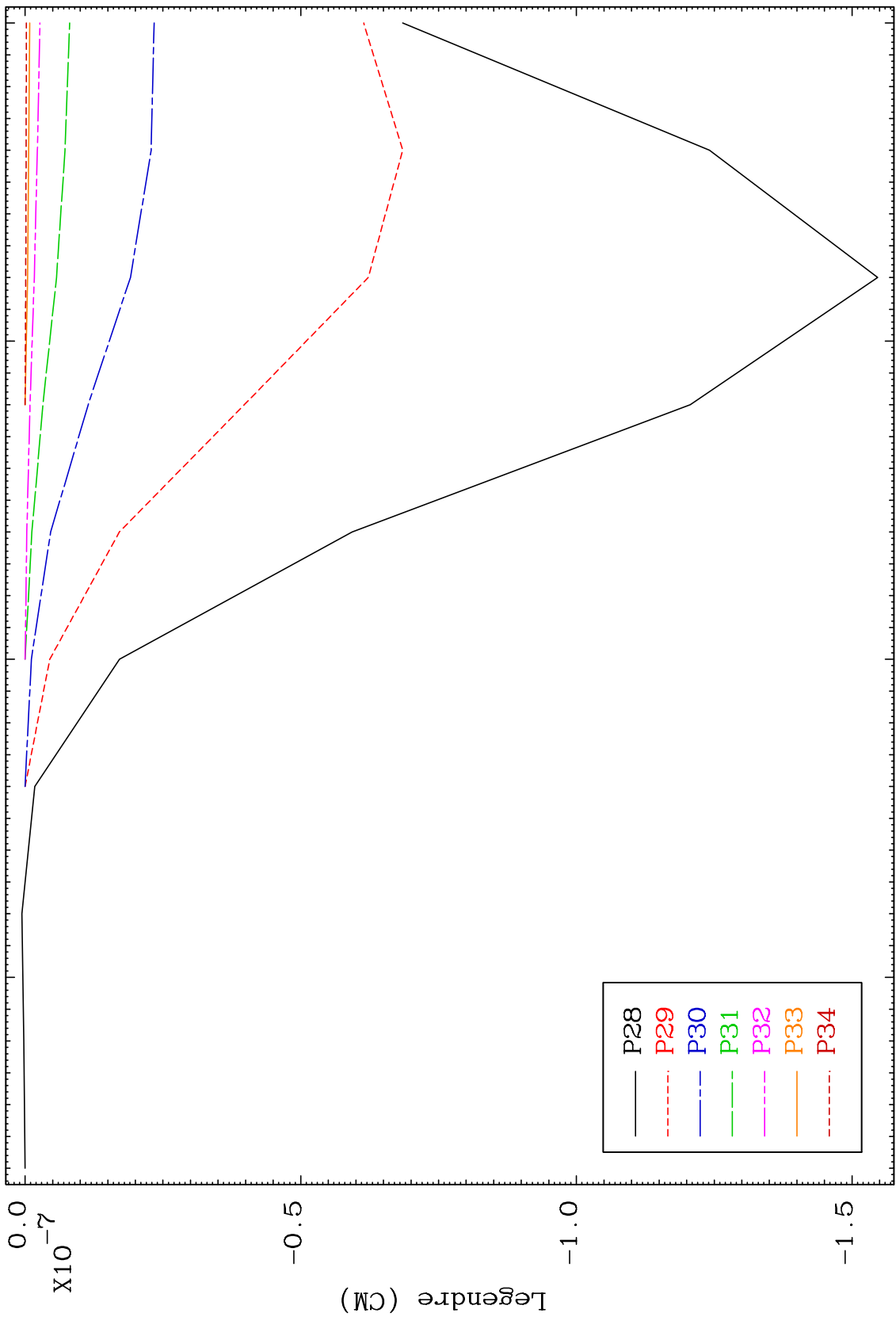
Incident Energy (MeV)

42-Mo-90

MAT 4219

42-Mo-90

Elastic Legendre Coefficients



Legendre (CM)  
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30

25

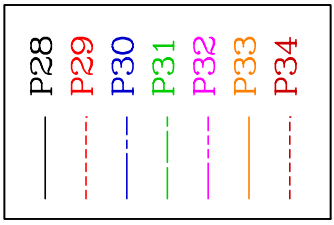
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19

Incident Energy (MeV)

42-Mo-90

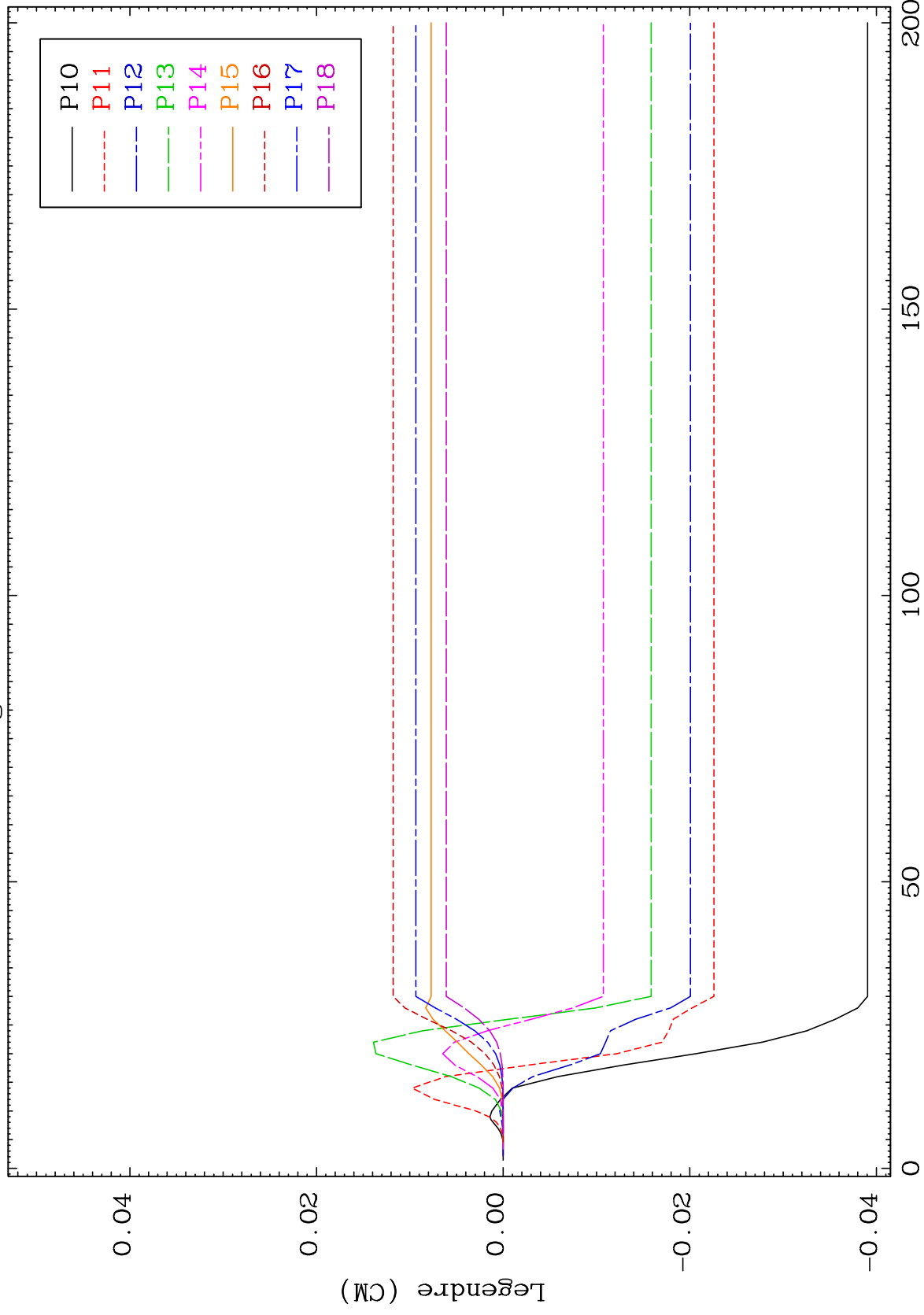




MAT 4219

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

42-Mo-90



21

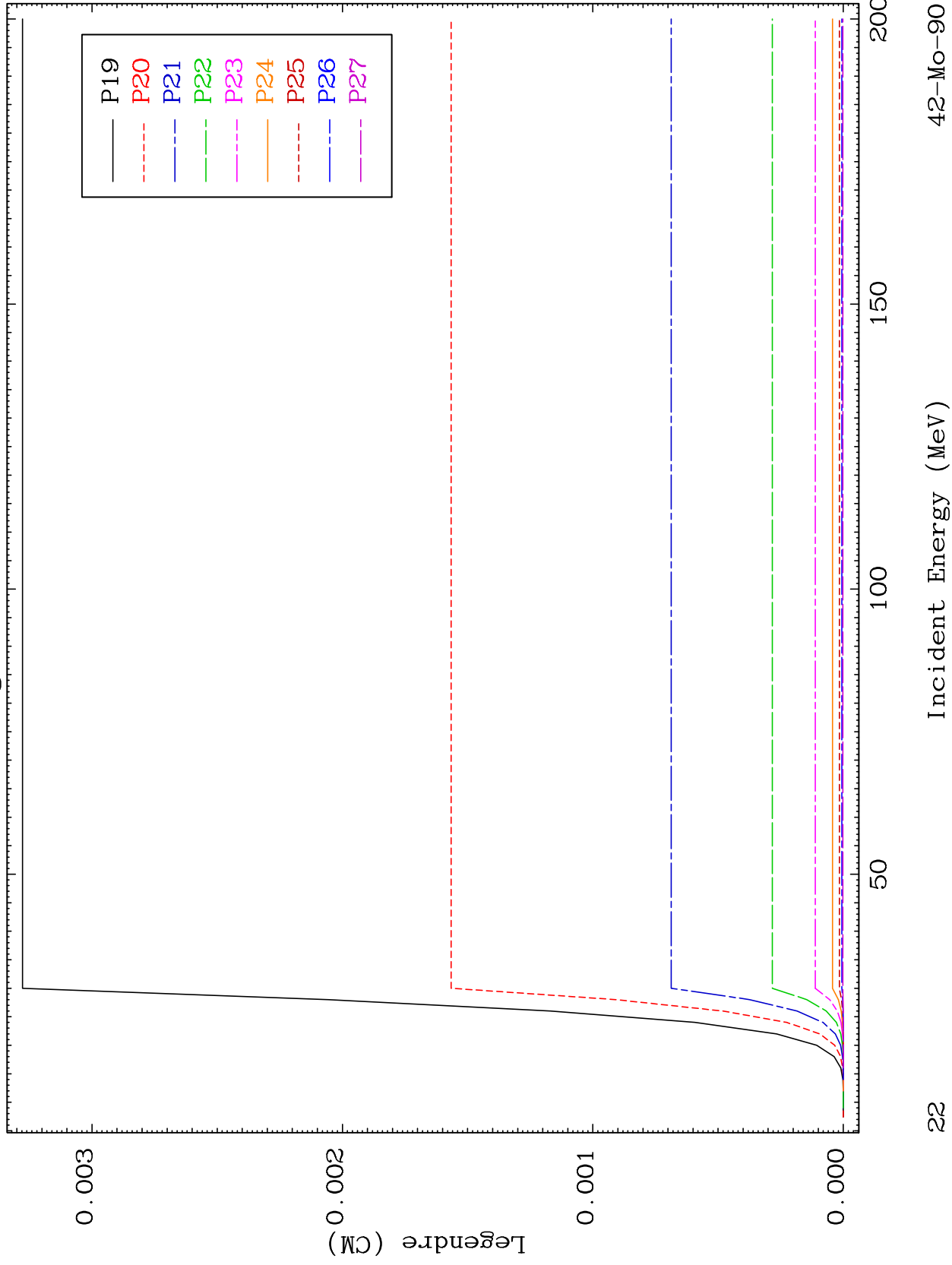
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

42-Mo-90



22

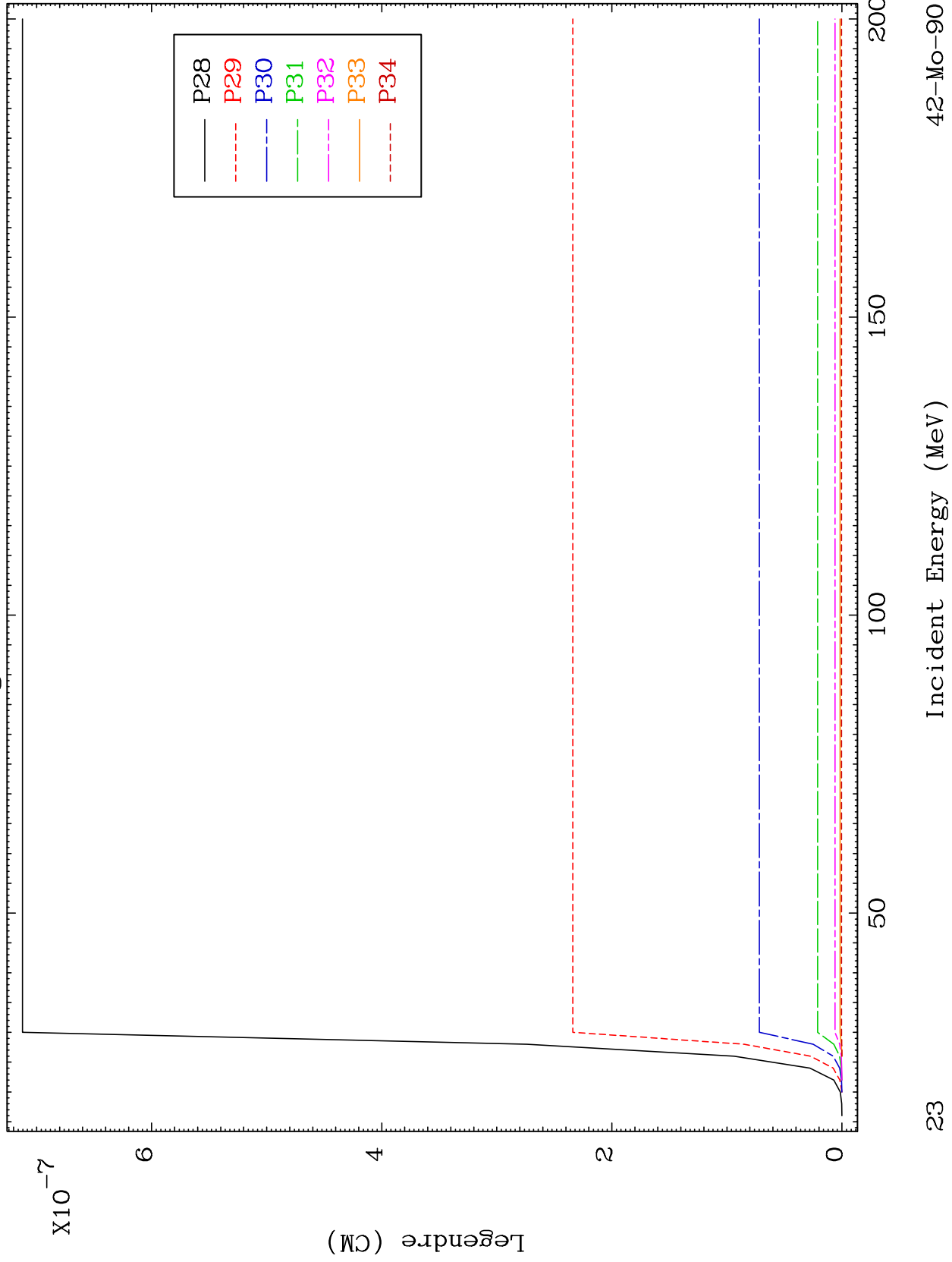
Incident Energy (MeV)

42-Mo-90

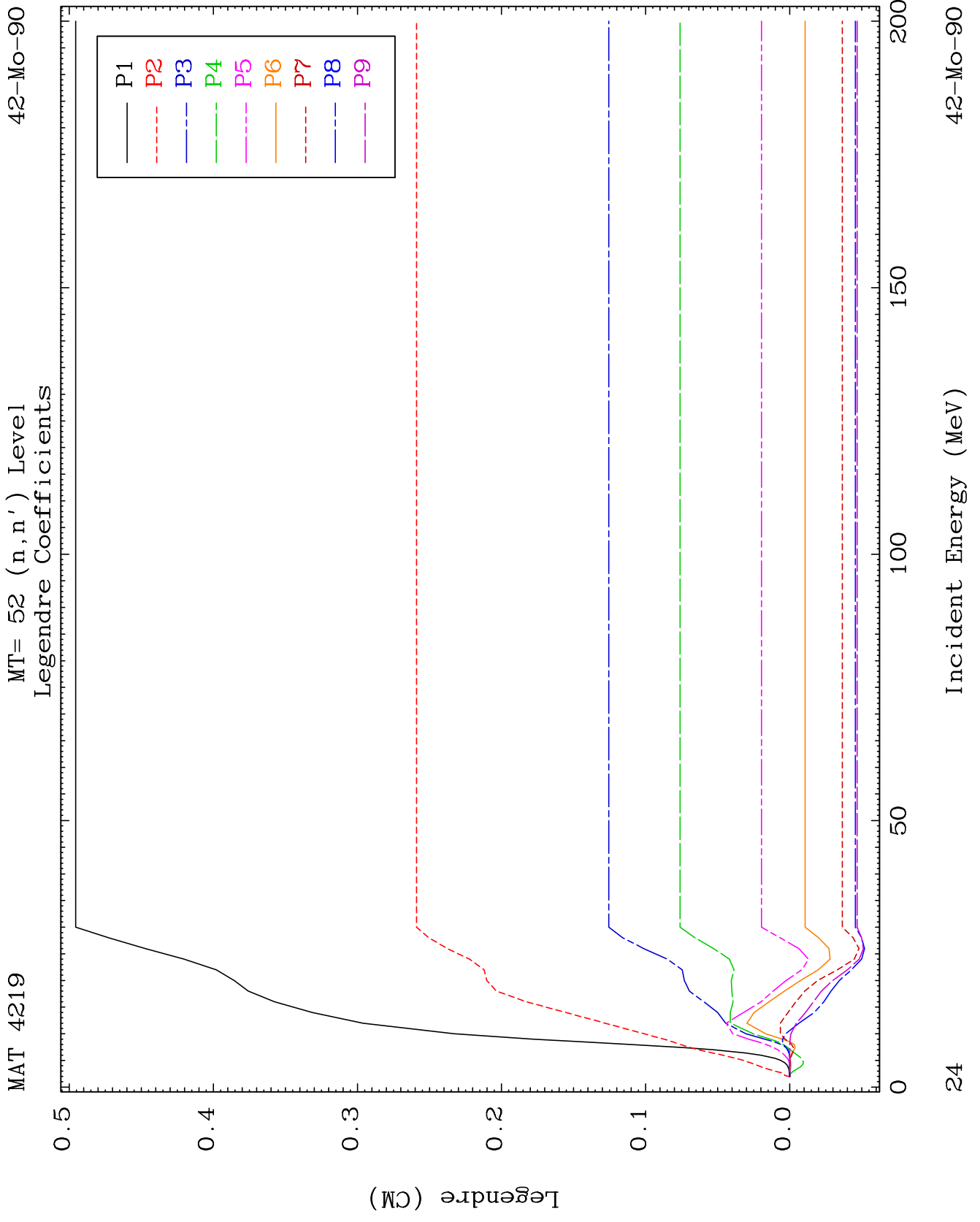
MAT 4219

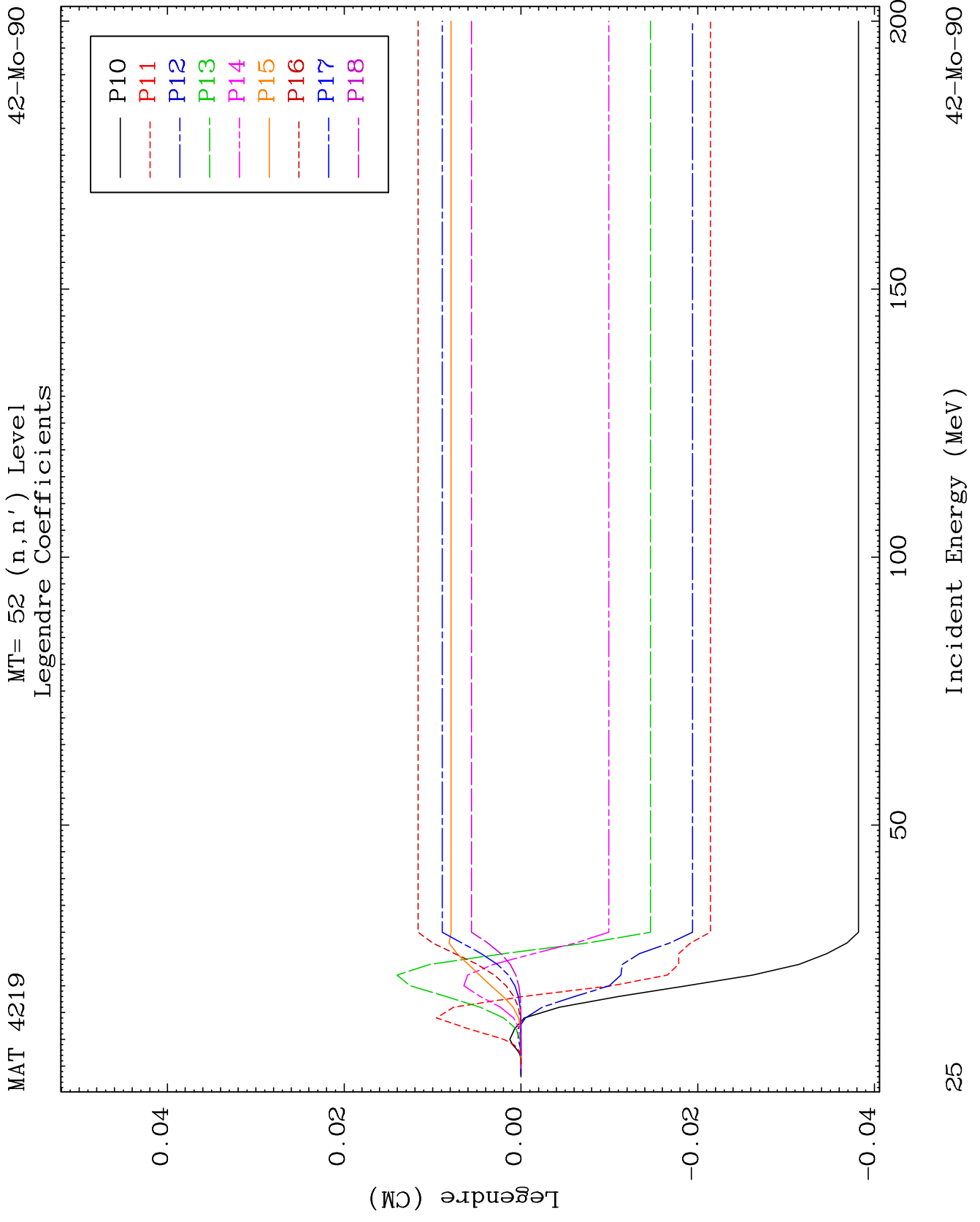
MT= 51 (n,n') Level  
Legendre Coefficients

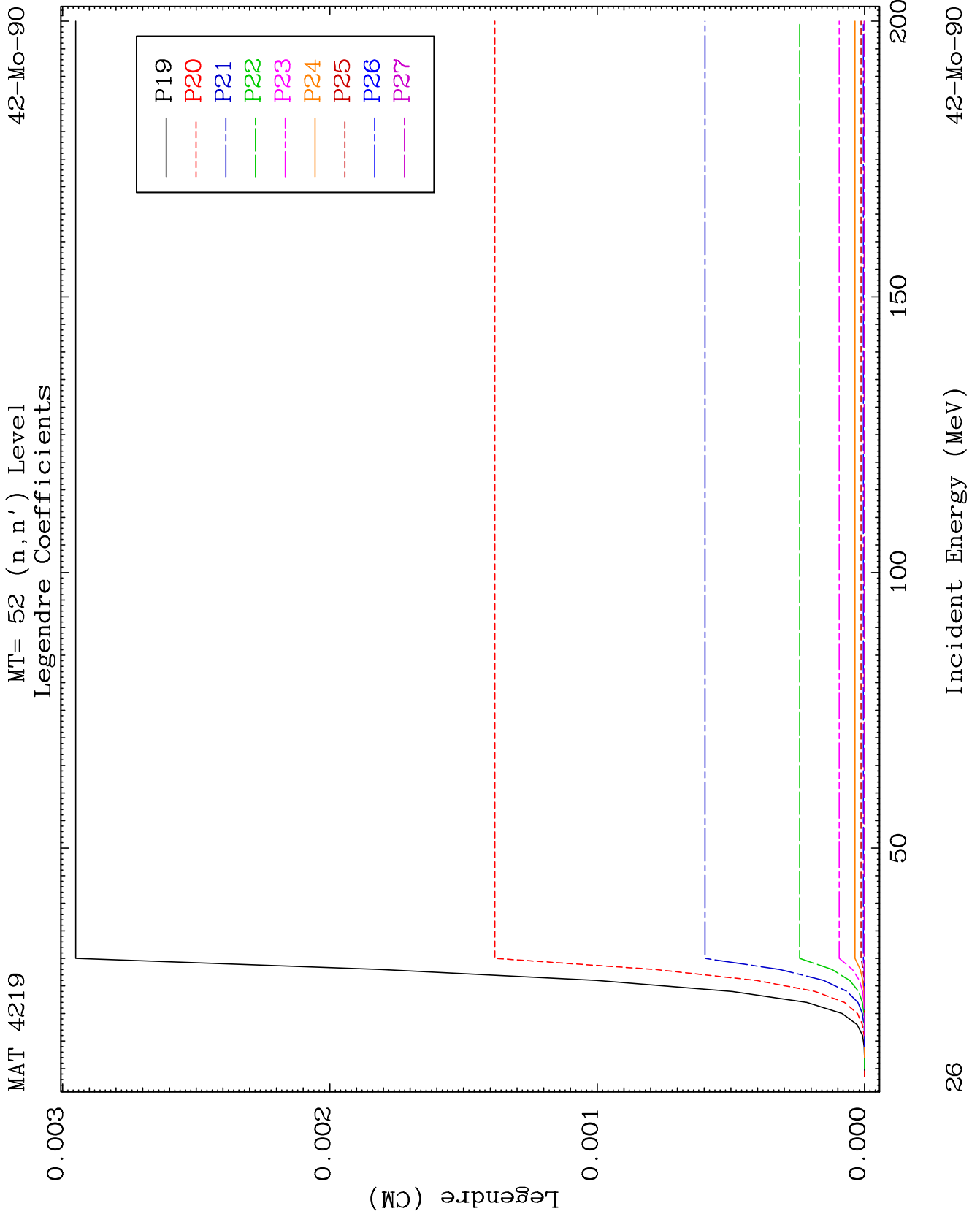
42-Mo-90



23



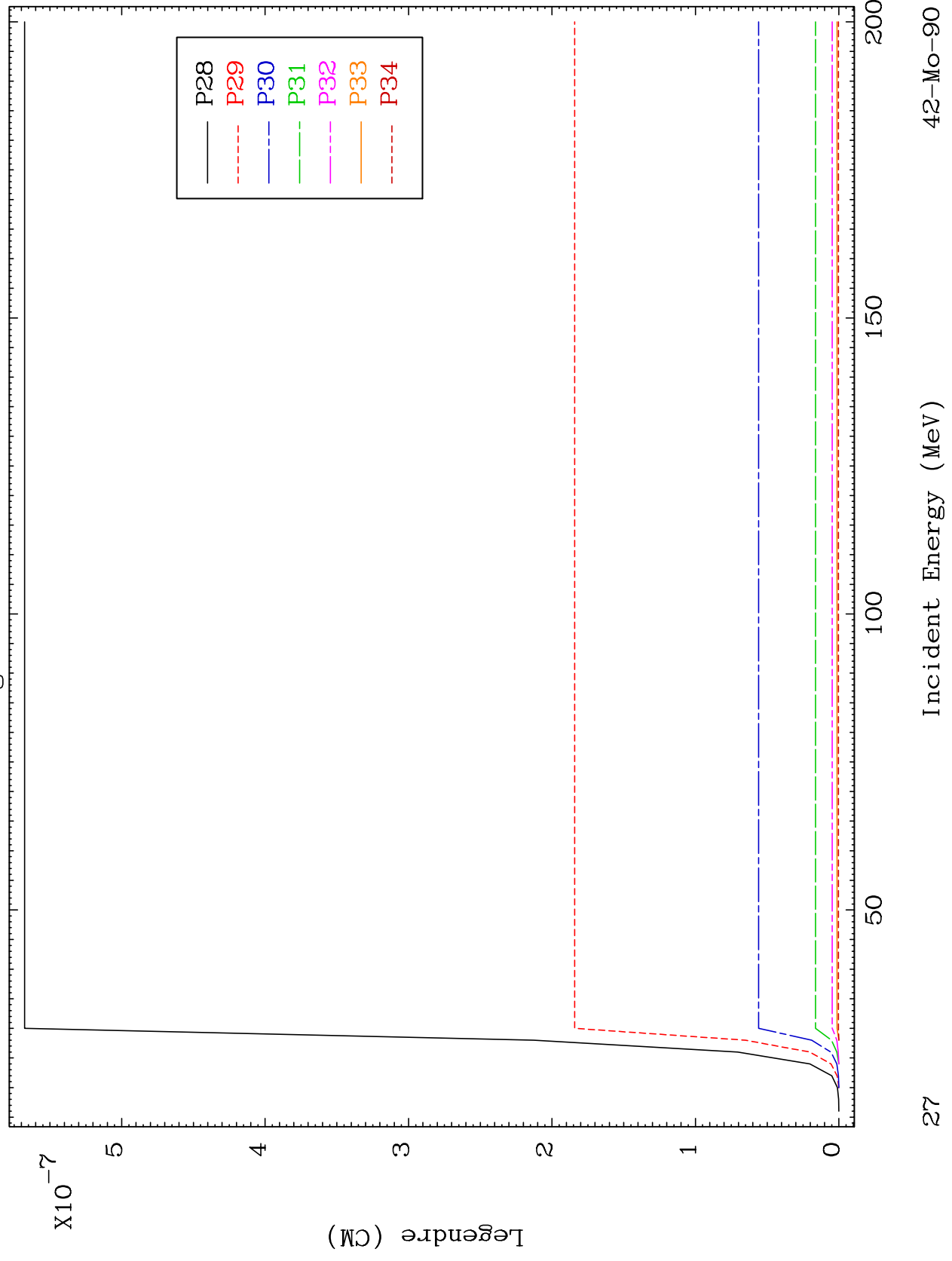




MAT 4219

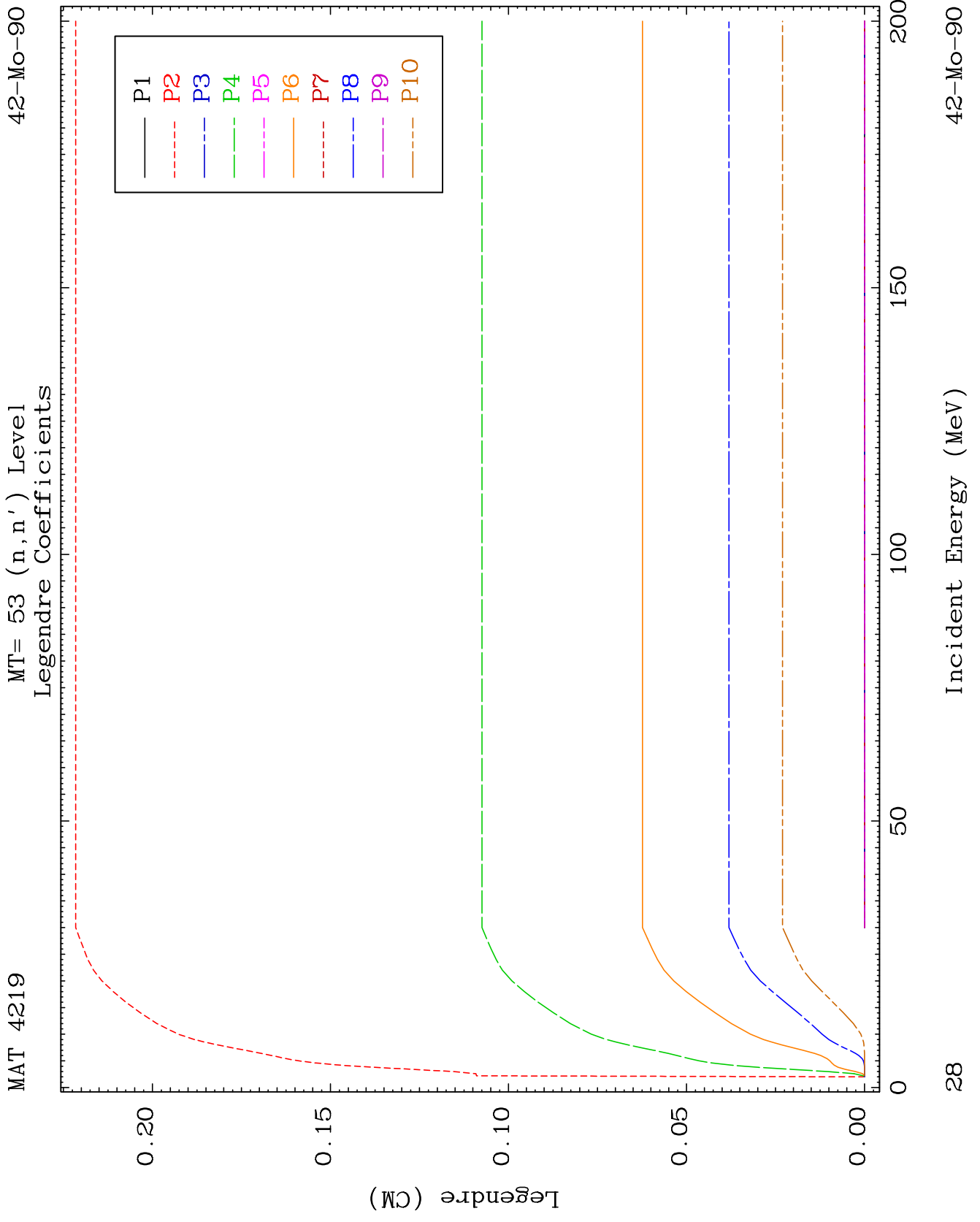
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Legendre Coefficients

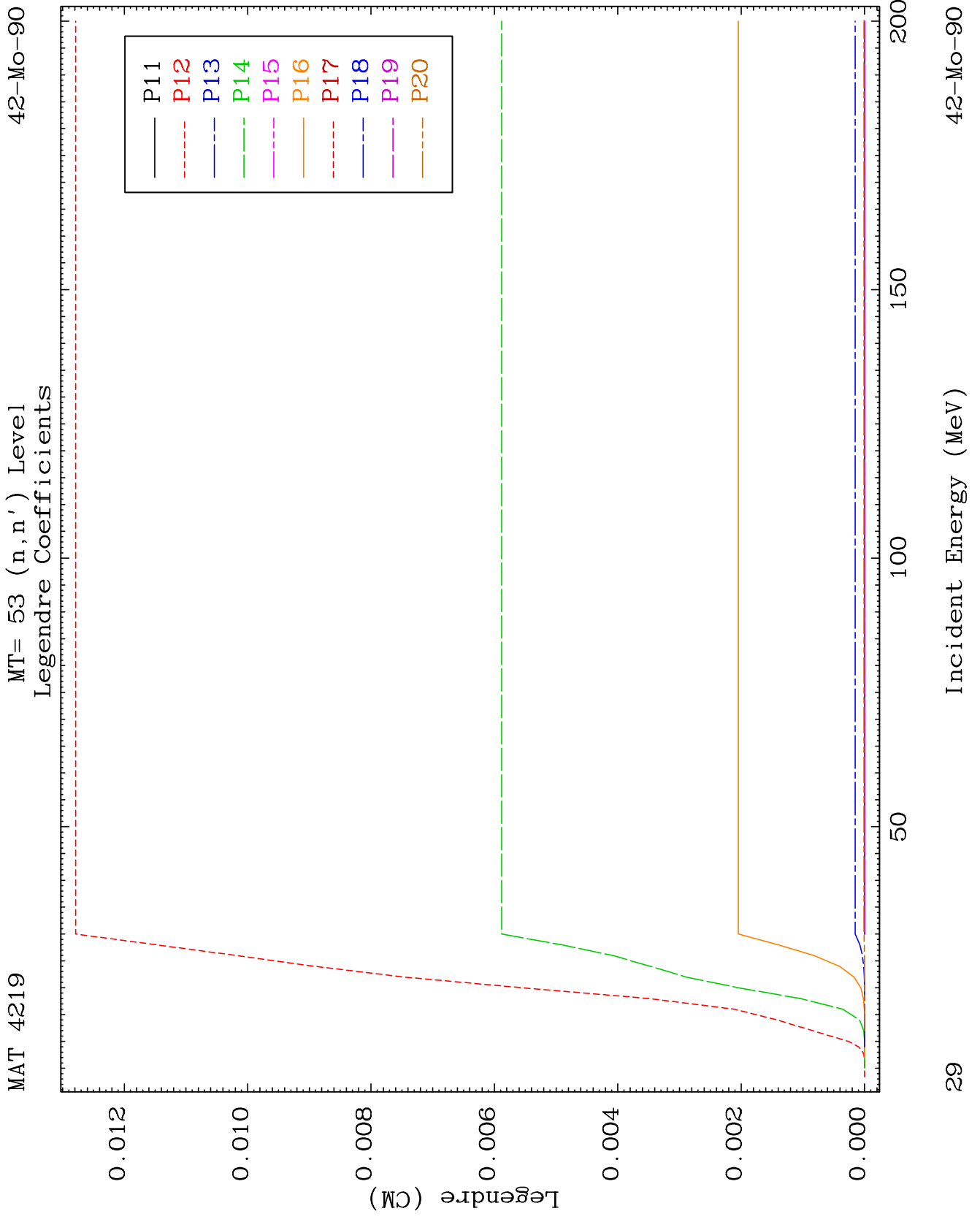
42-Mo-90

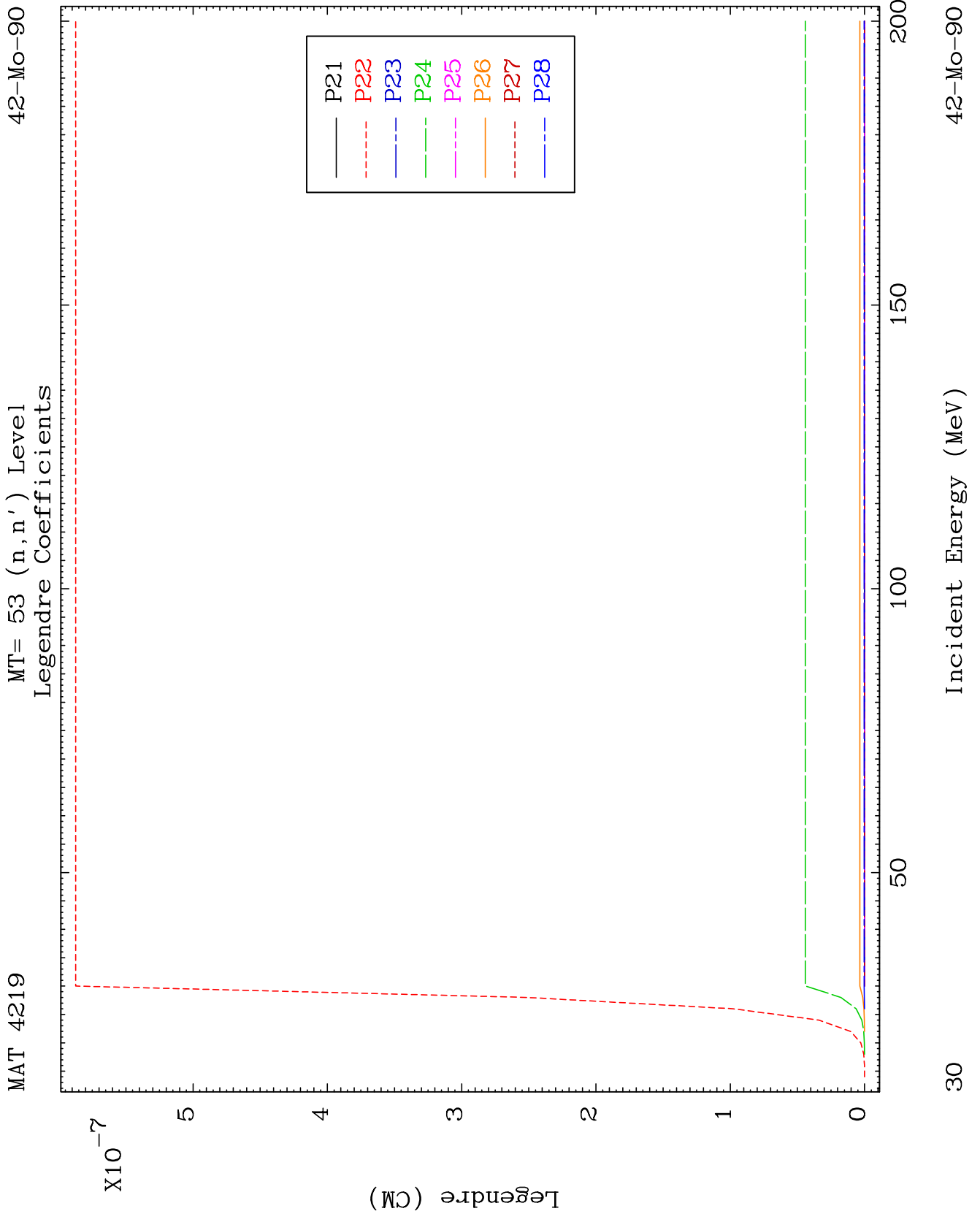


27

42-Mo-90



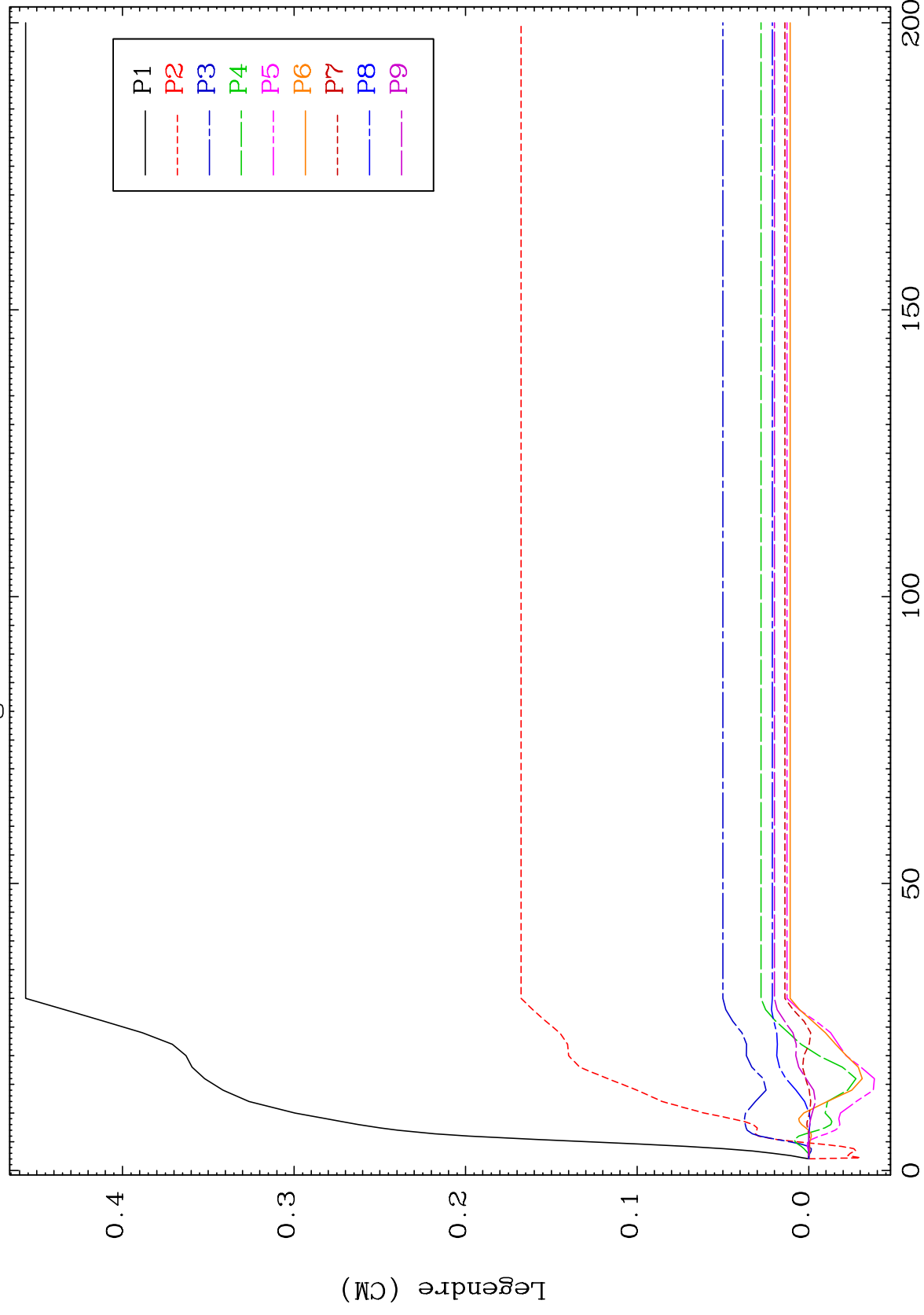




MAT 4219

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

42-Mo-90



31

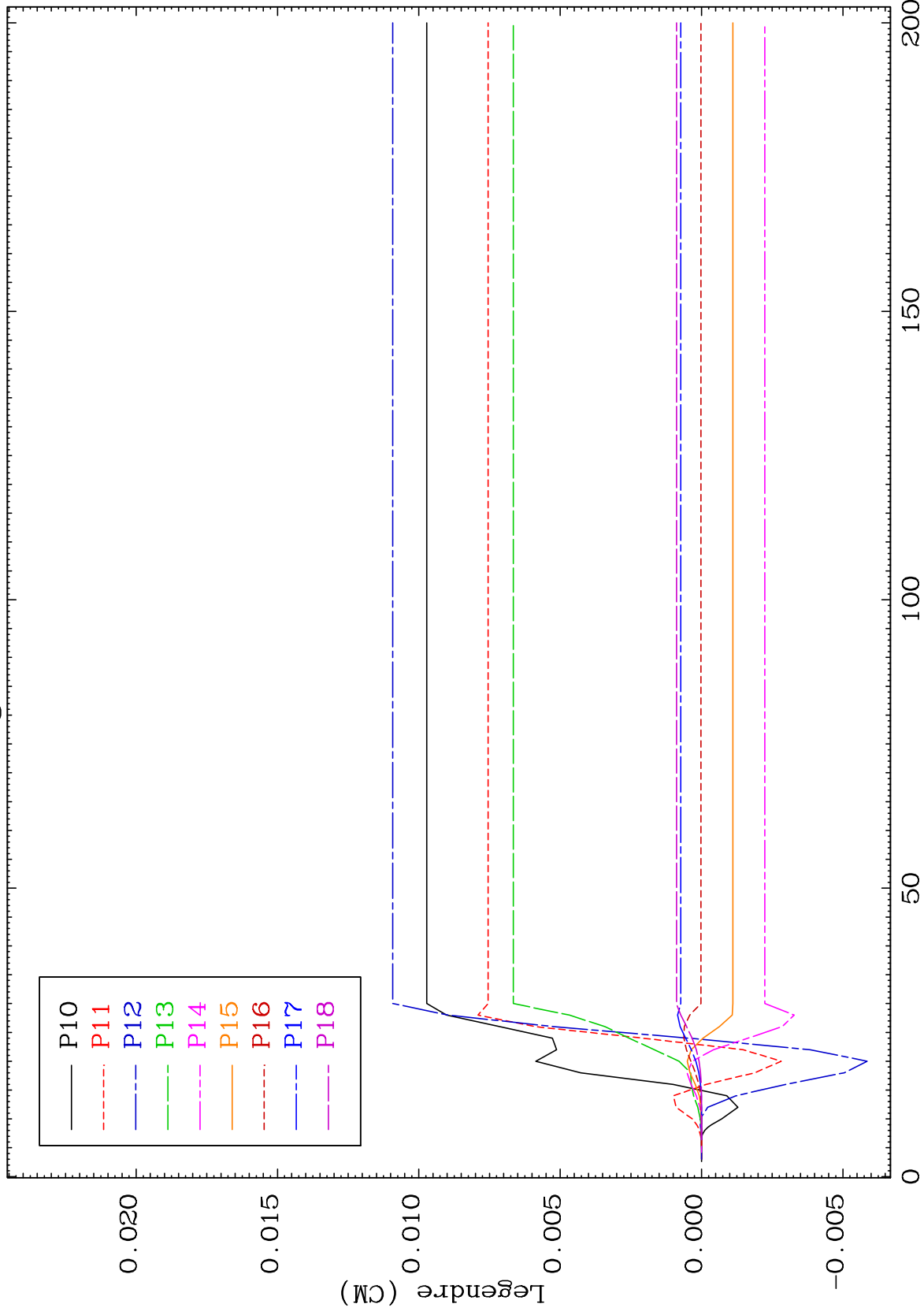
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

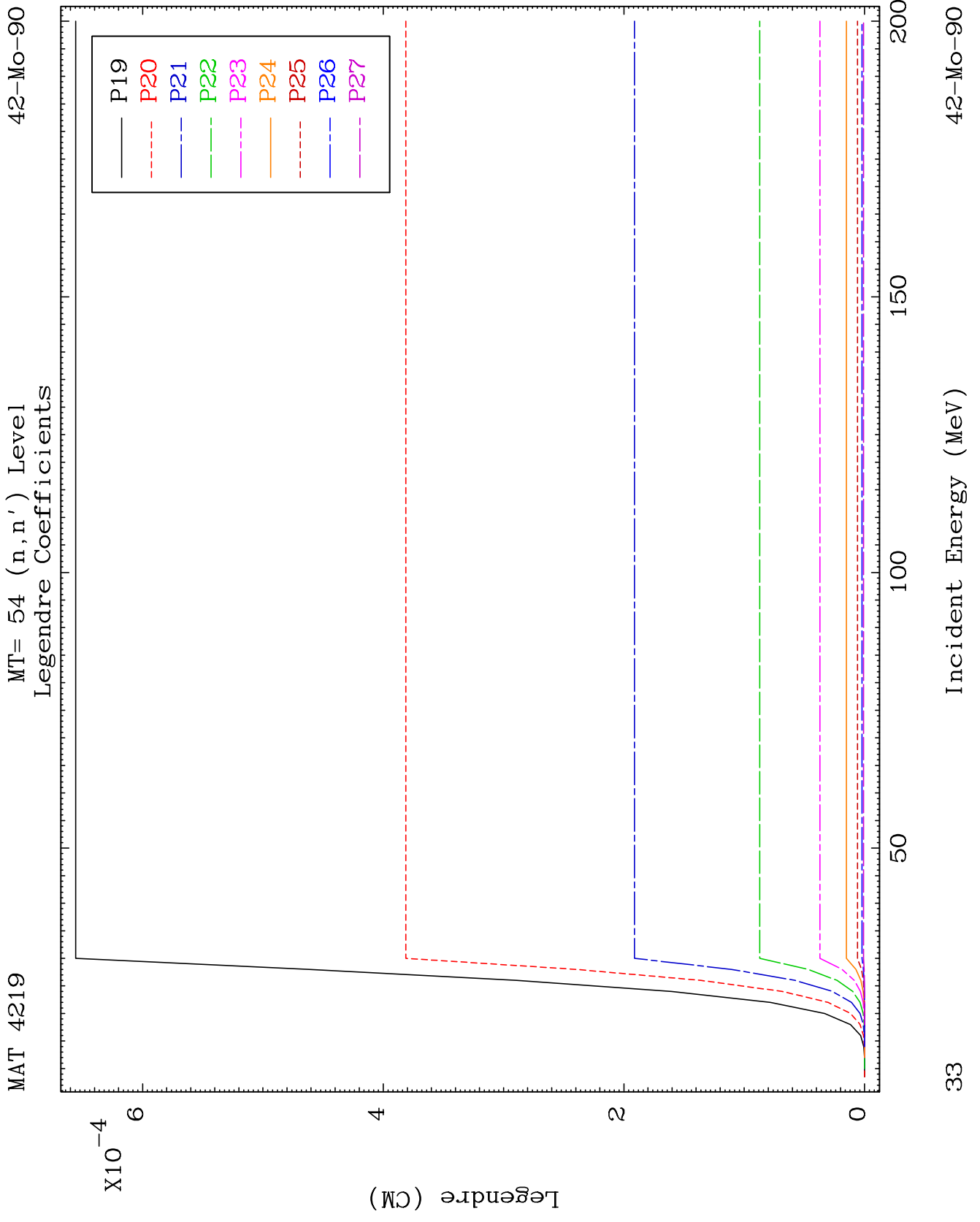
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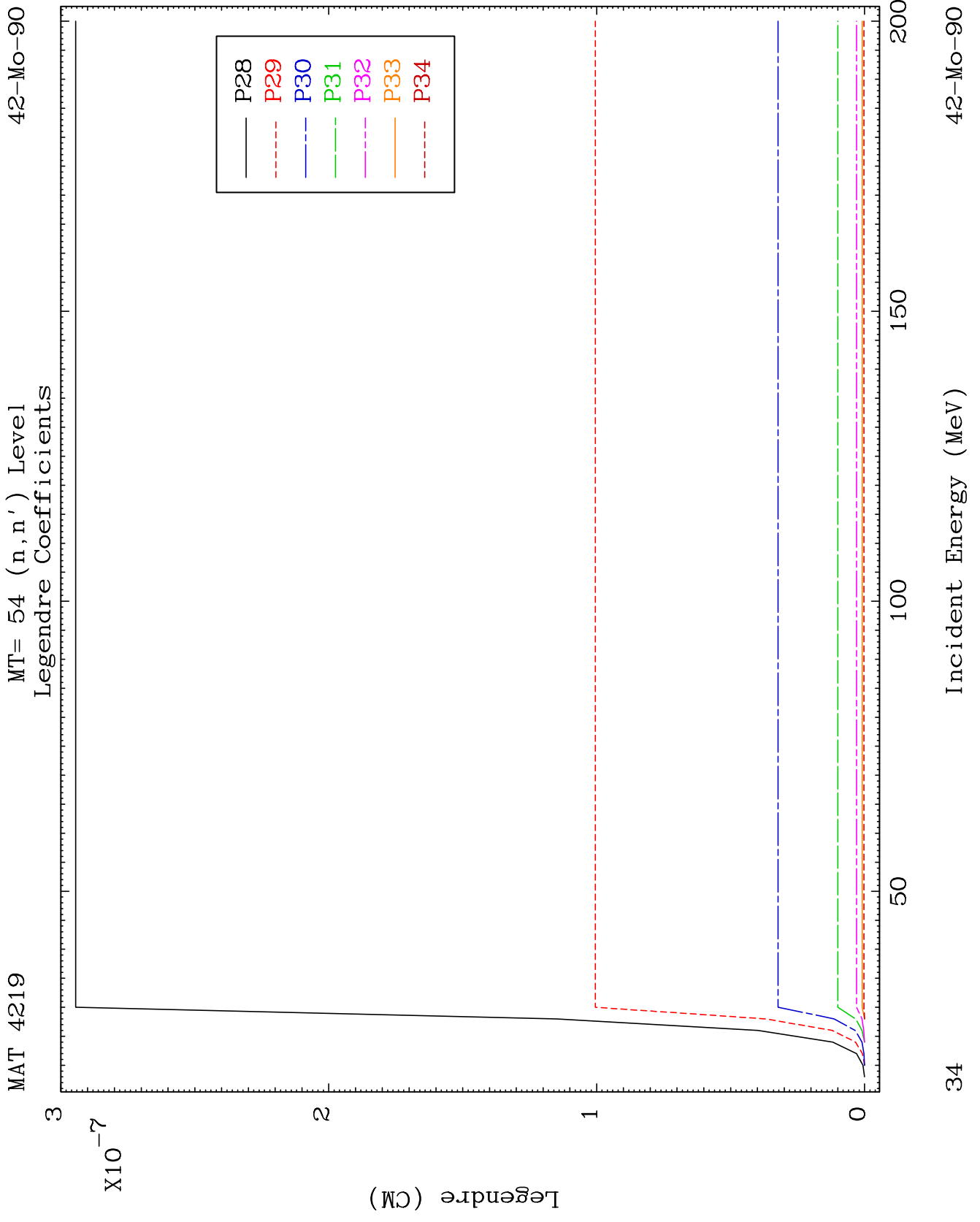


32

Incident Energy (MeV)

42-Mo-90

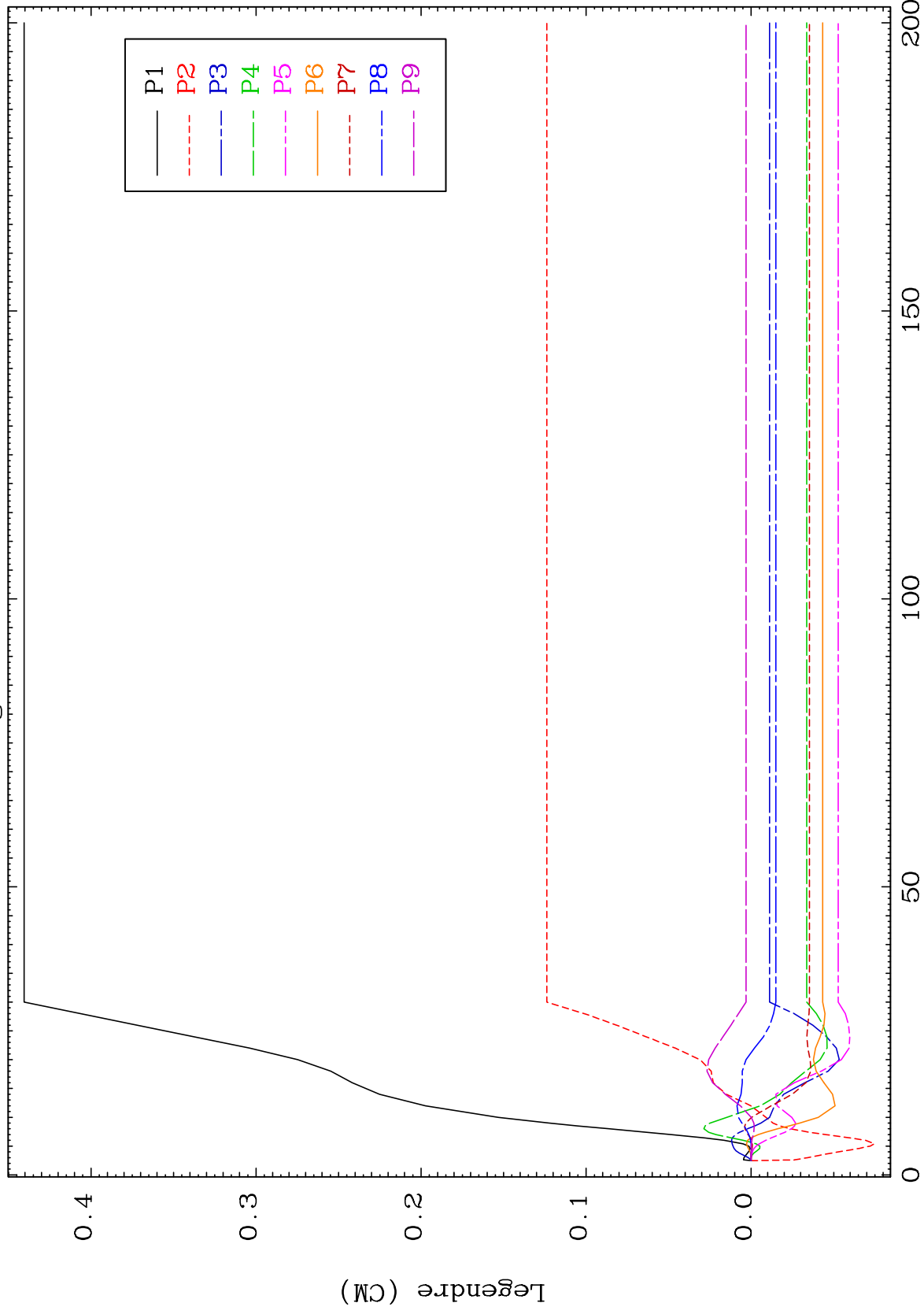




MAT 4219

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

42-Mo-90



42-Mo-90

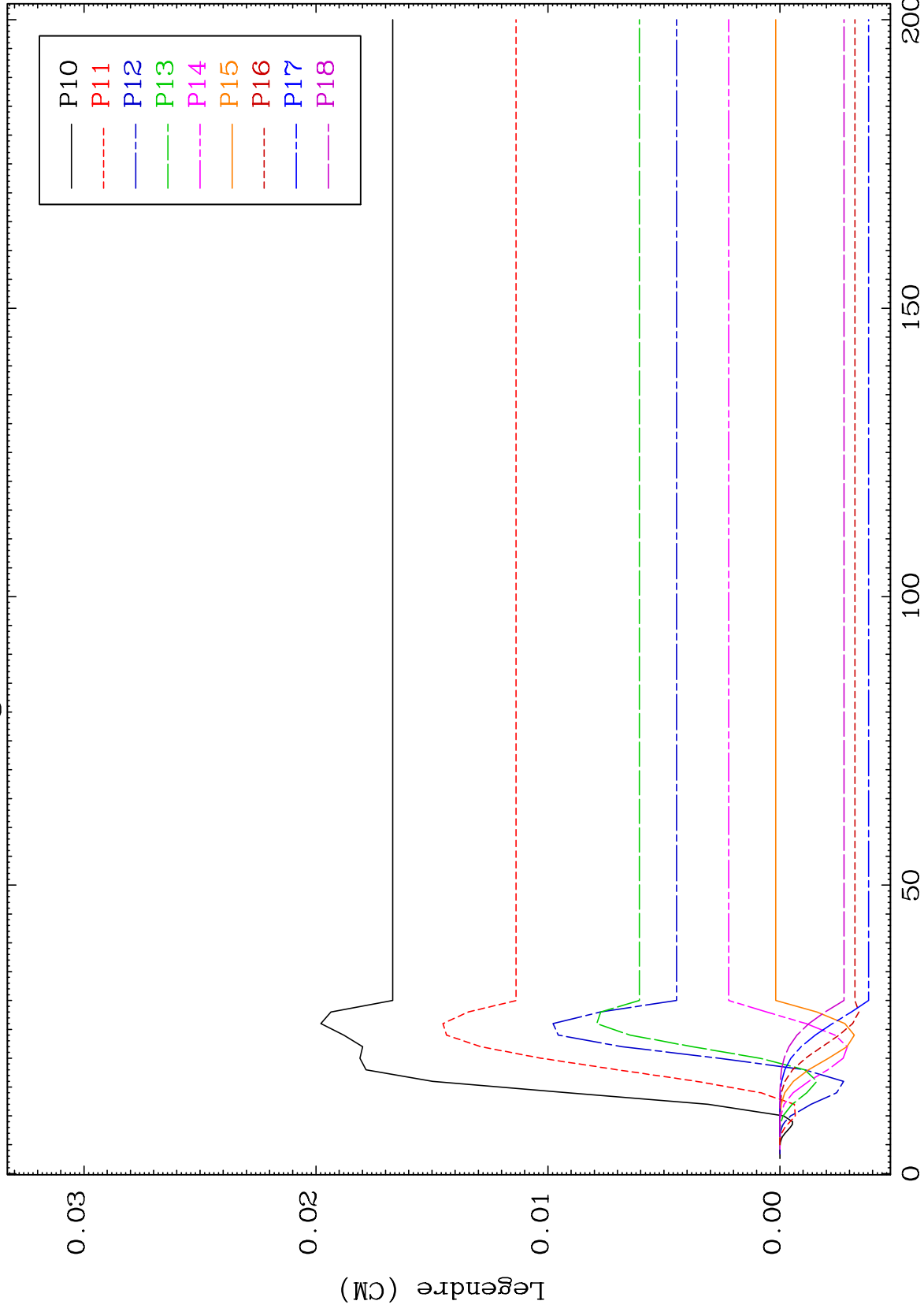
Incident Energy (MeV)

35

MAT 4219

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

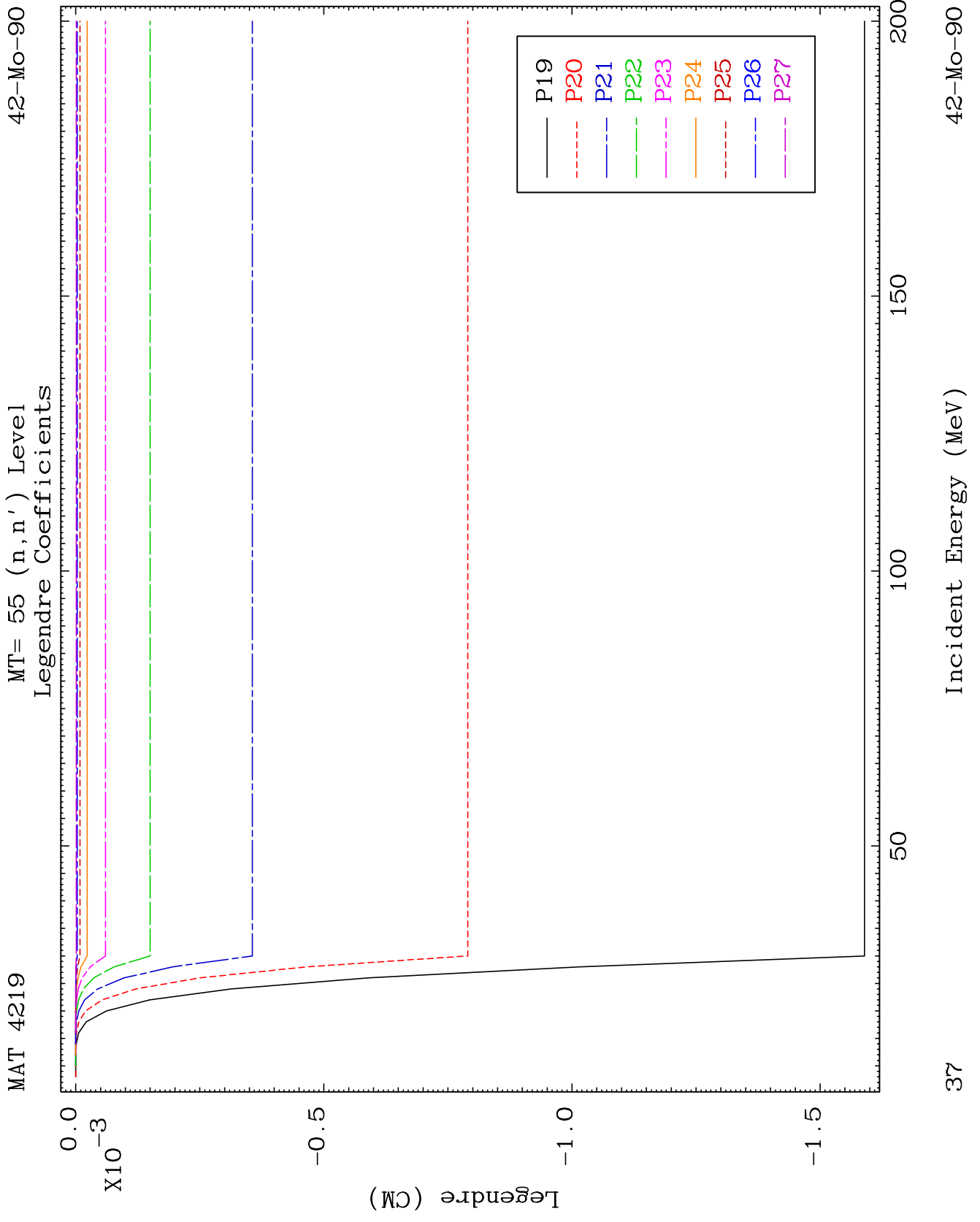
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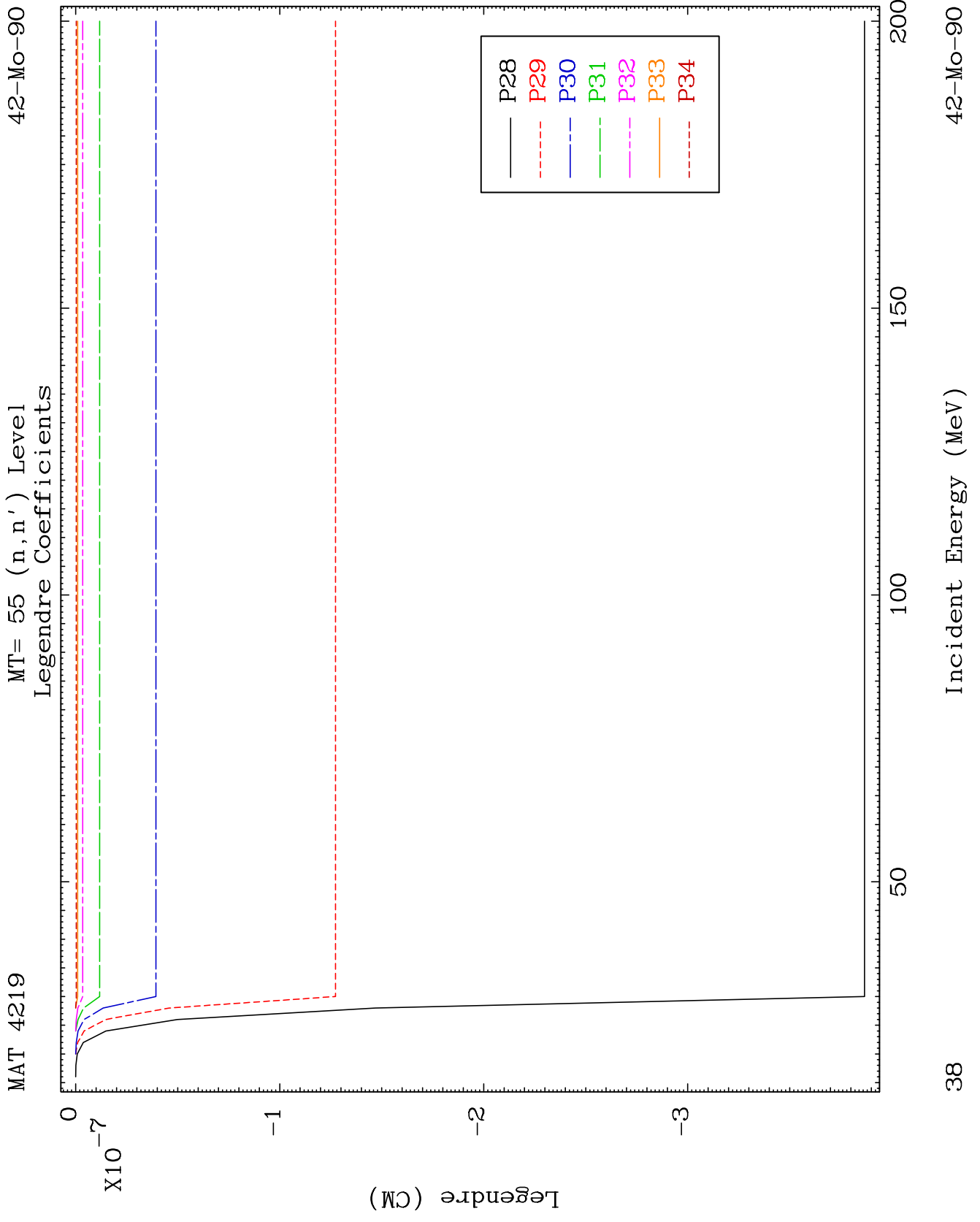


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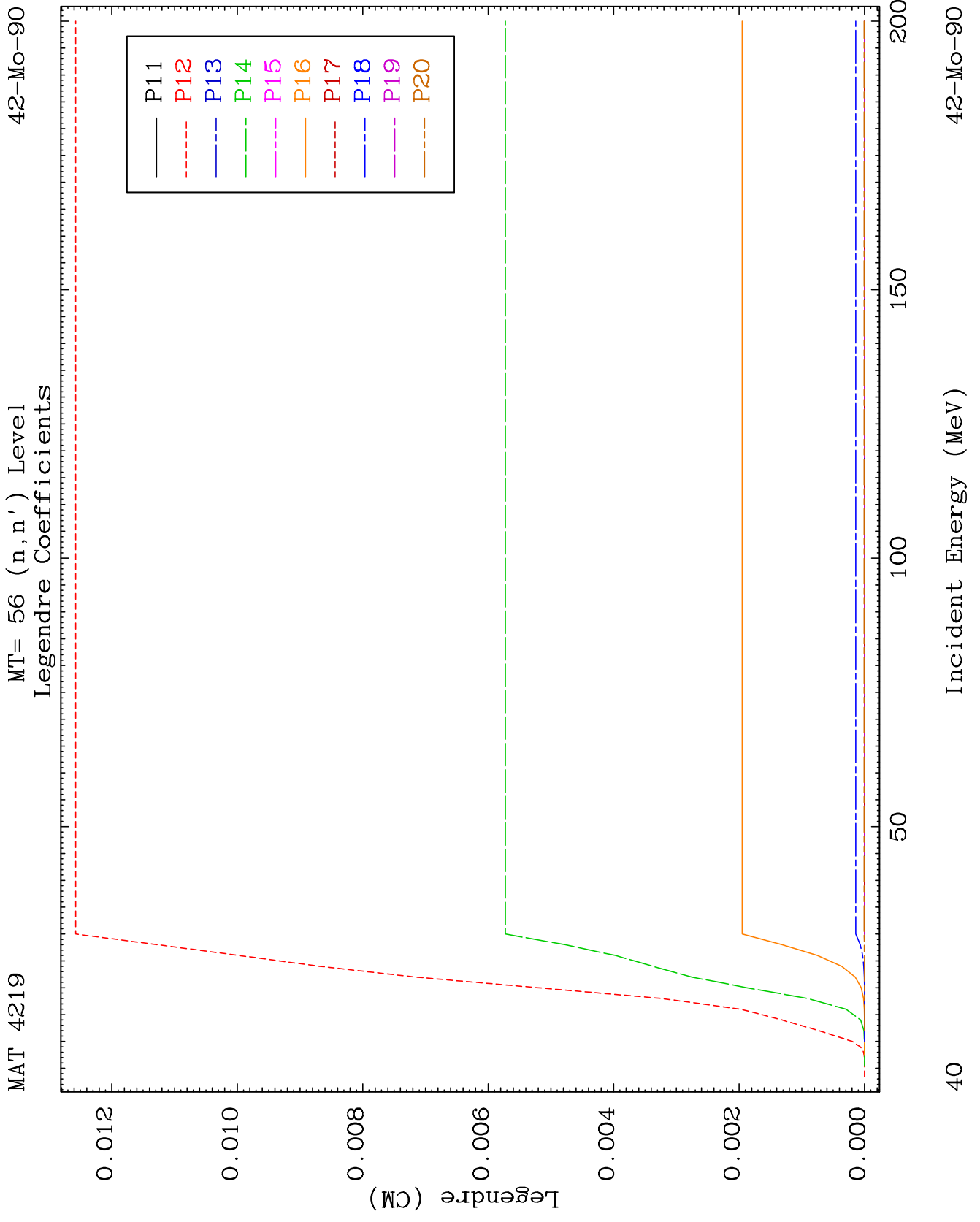
Incident Energy (MeV)

42-Mo-90

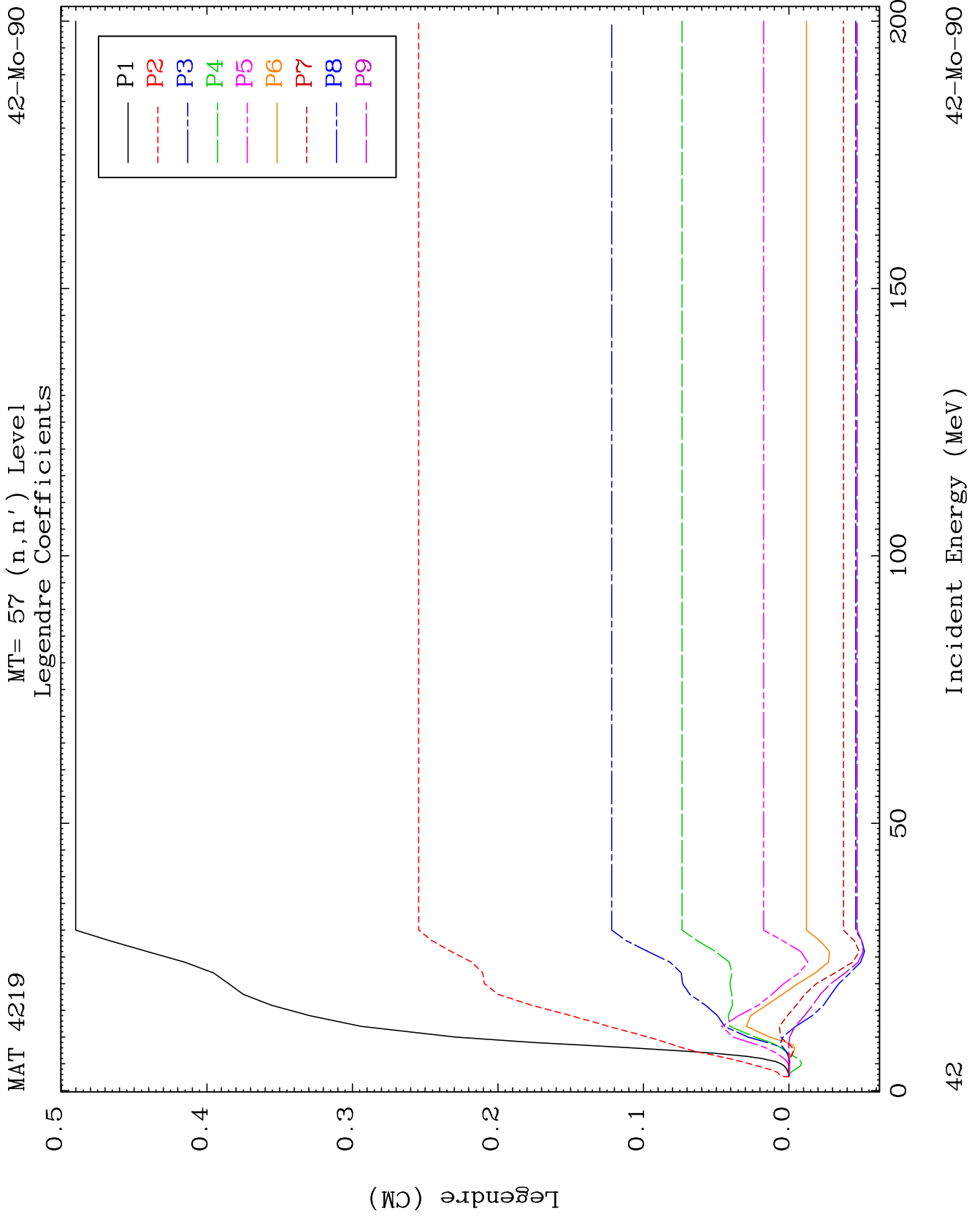








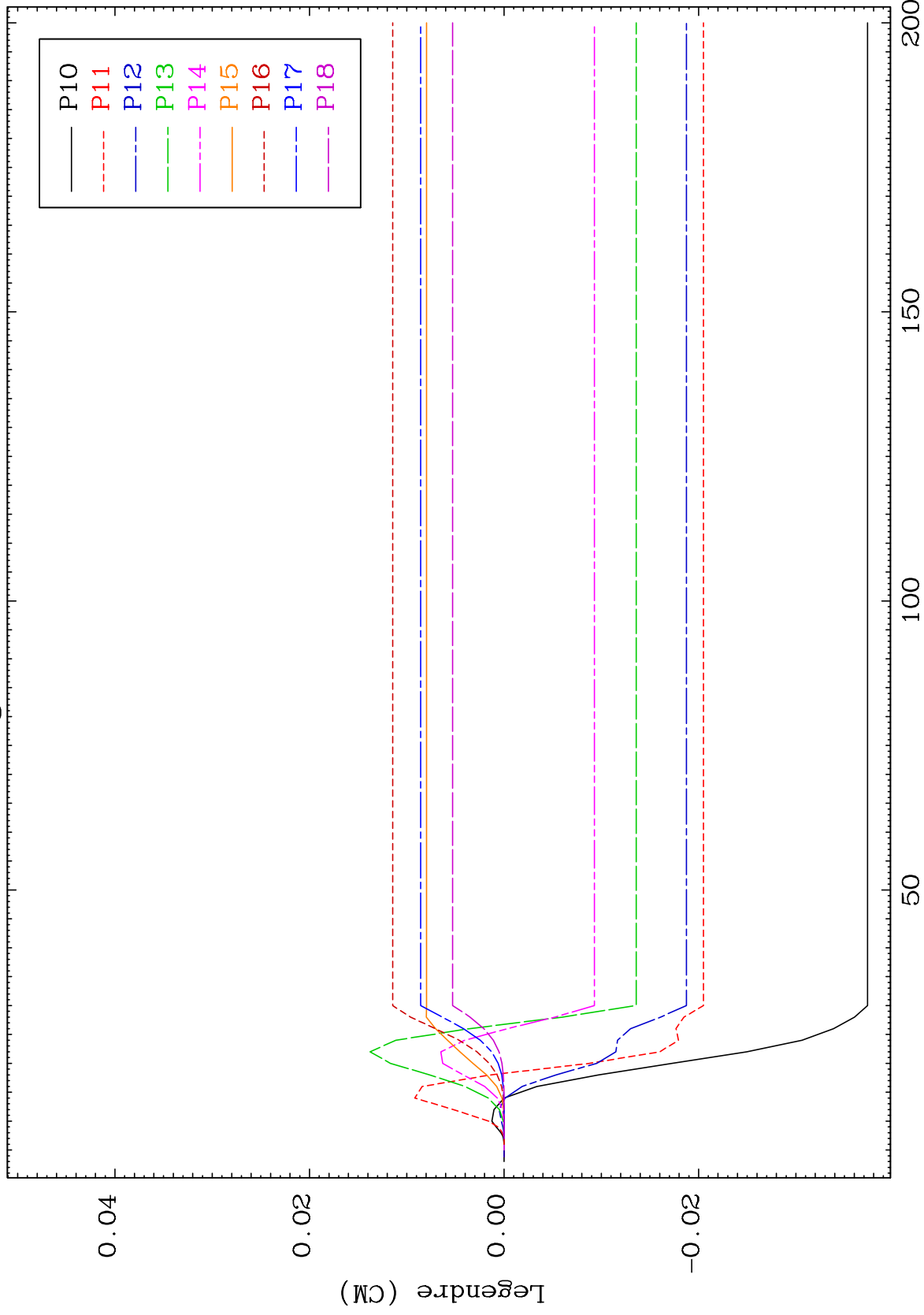




MAT 4219

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

42-Mo-90



43

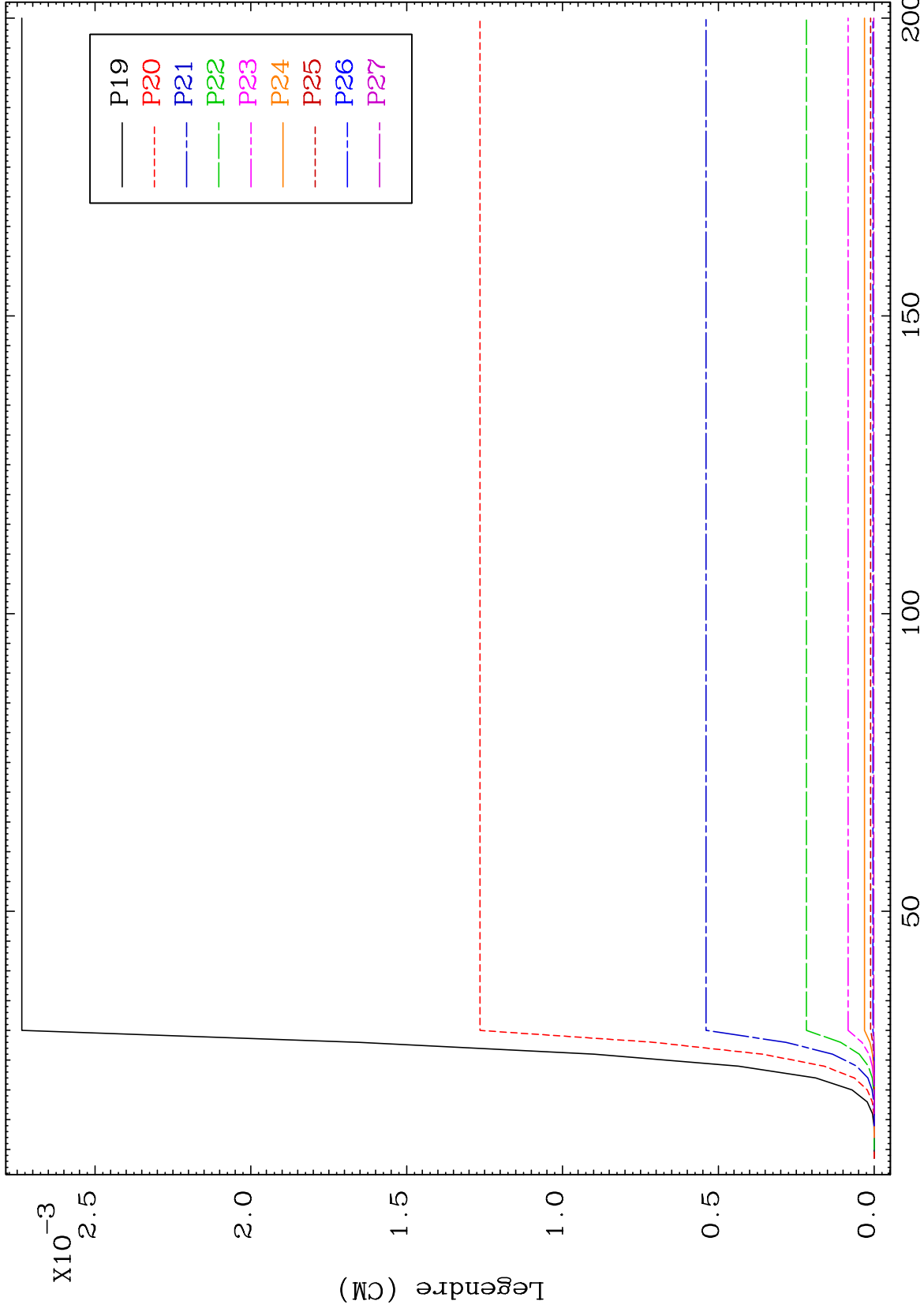
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

42-Mo-90



44

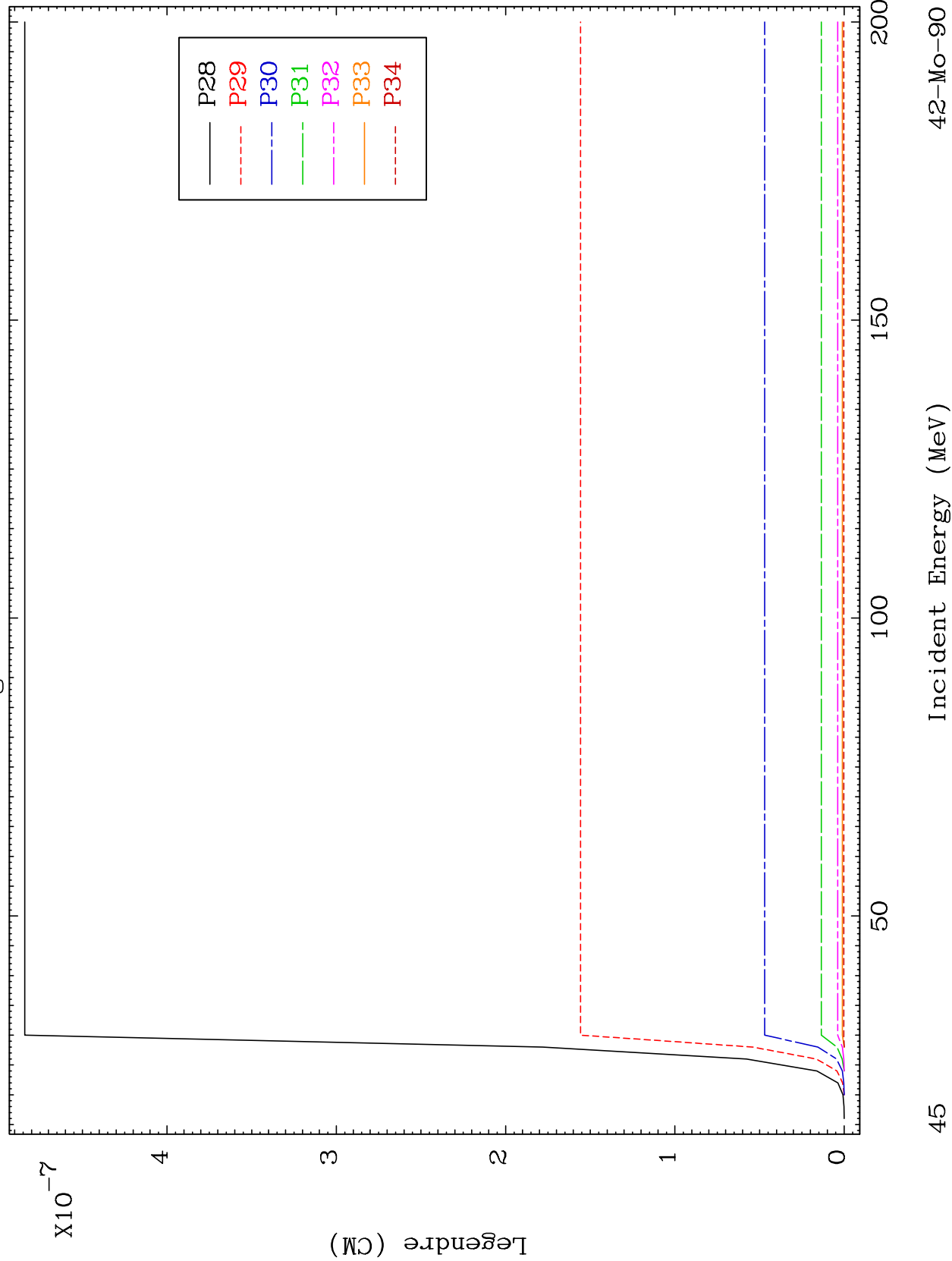
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

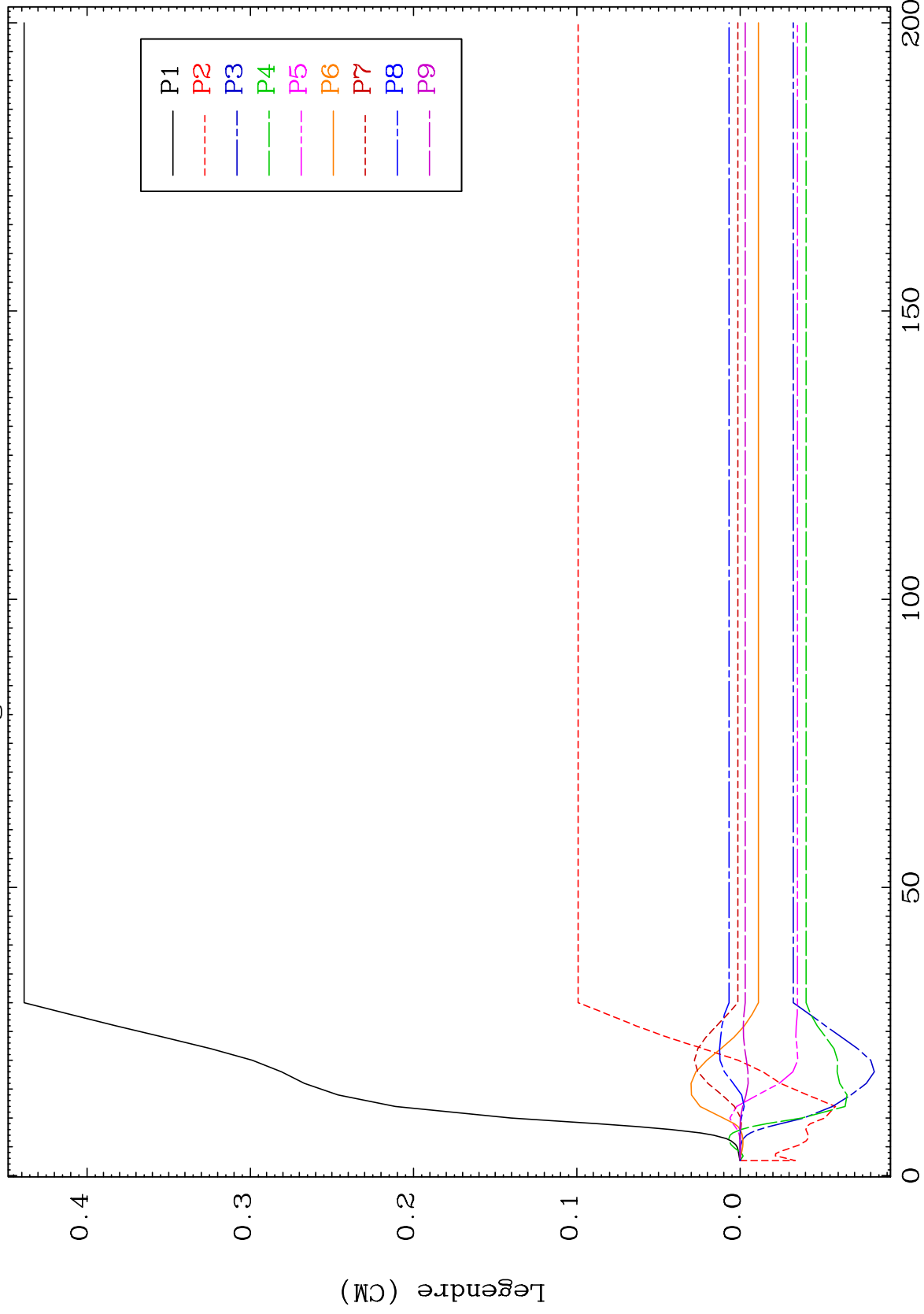
42-Mo-90



MAT 4219

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

42-Mo-90



46

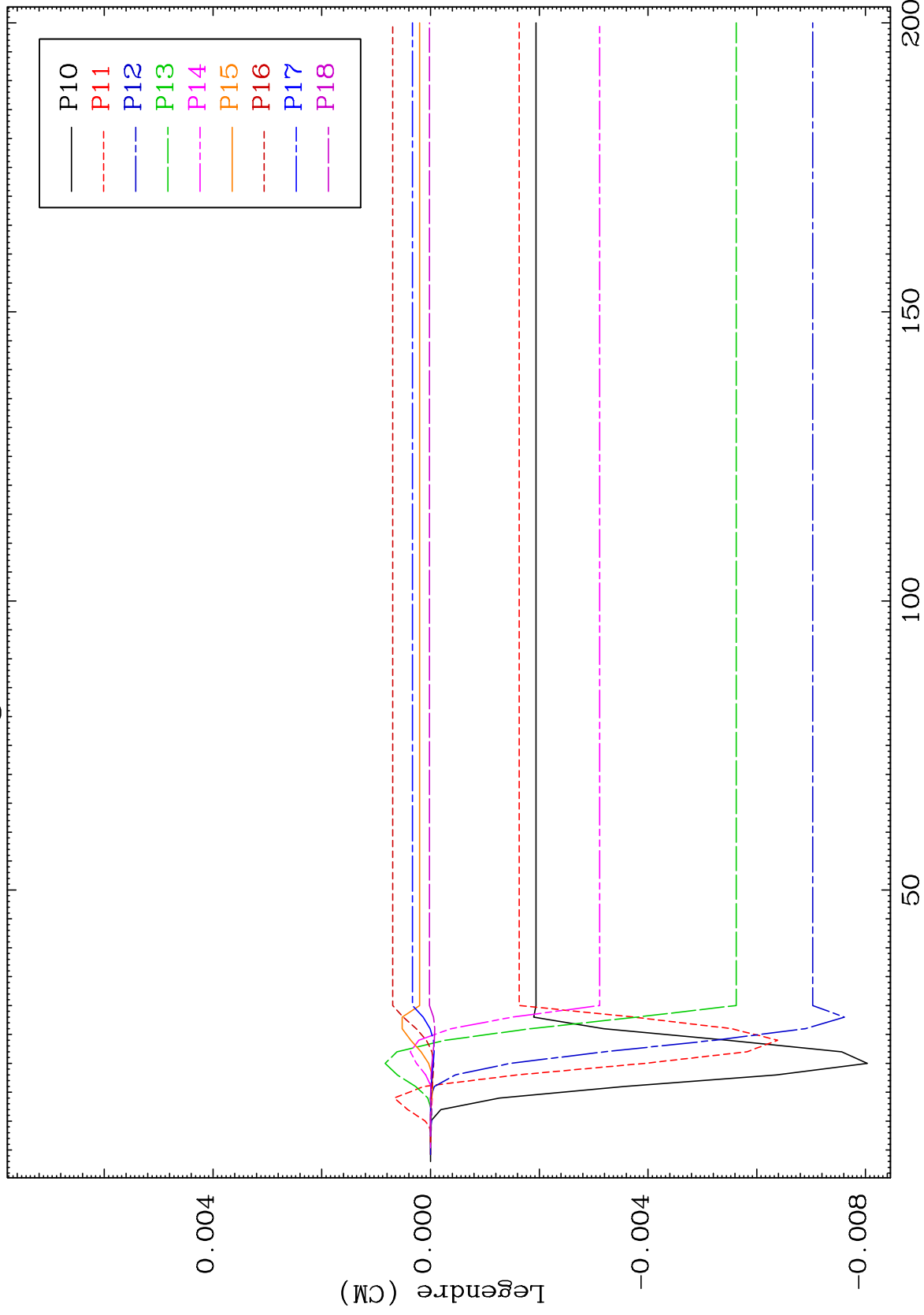
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

42-Mo-90



47

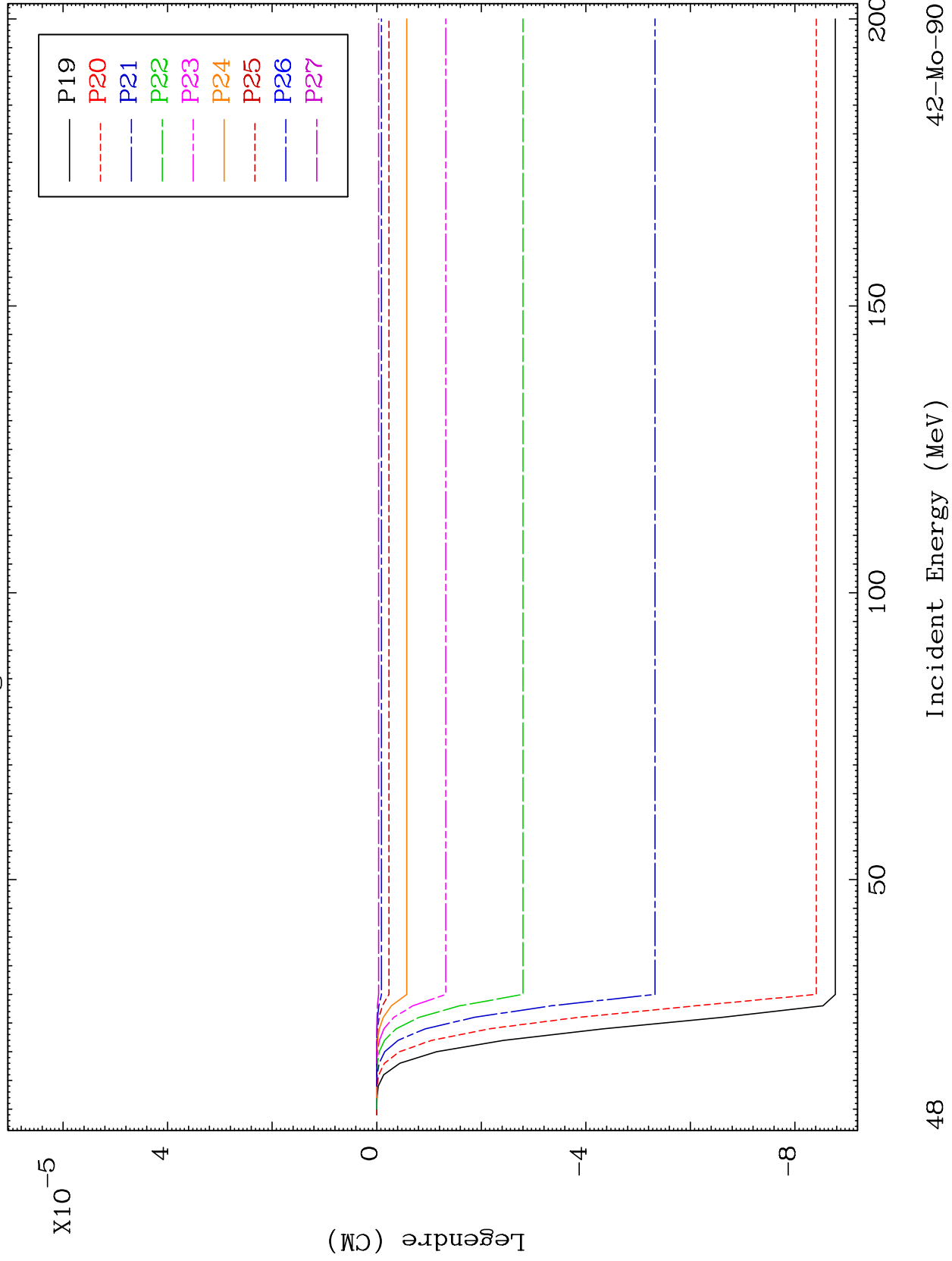
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

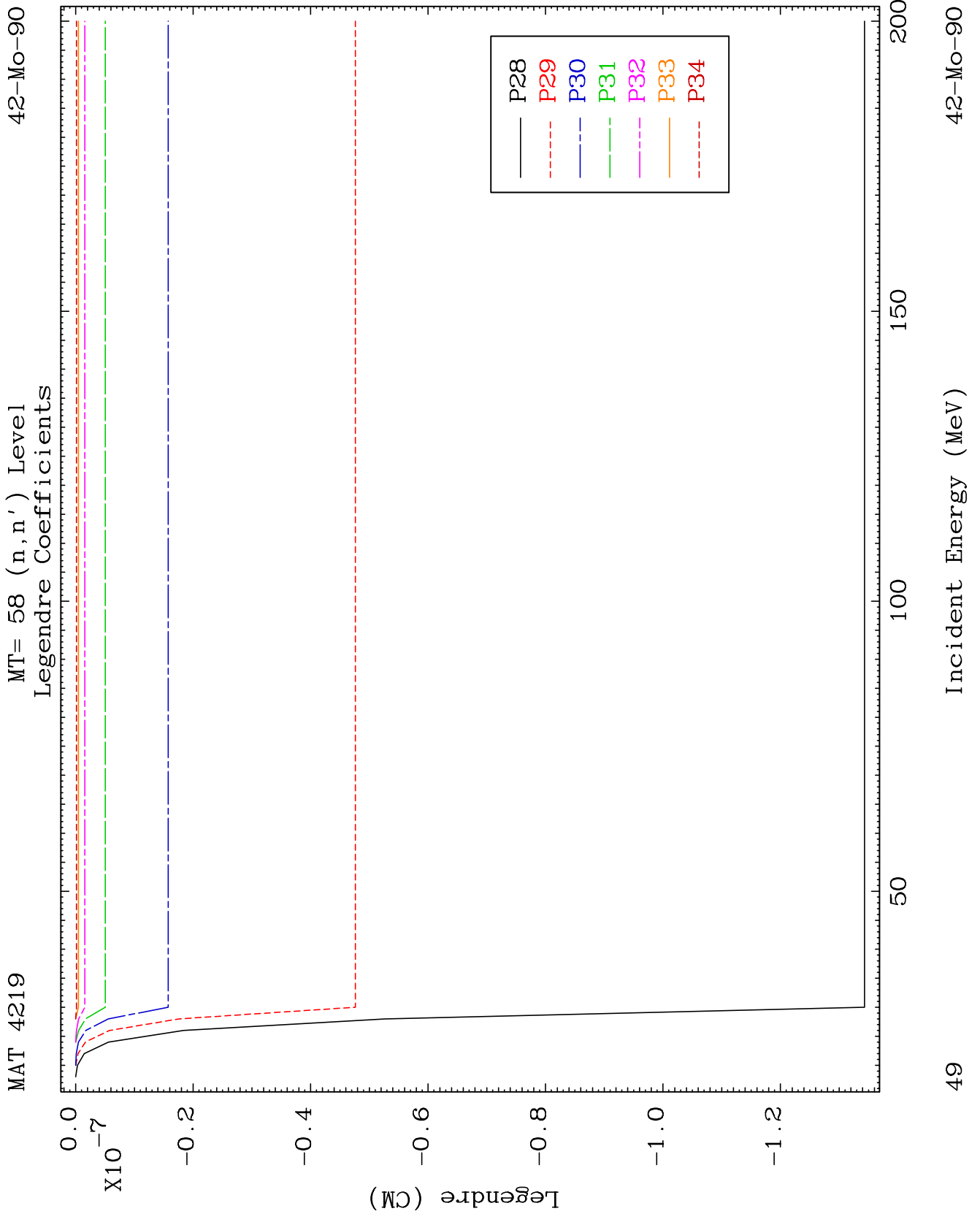
42-Mo-90



48

Incident Energy (MeV)

42-Mo-90

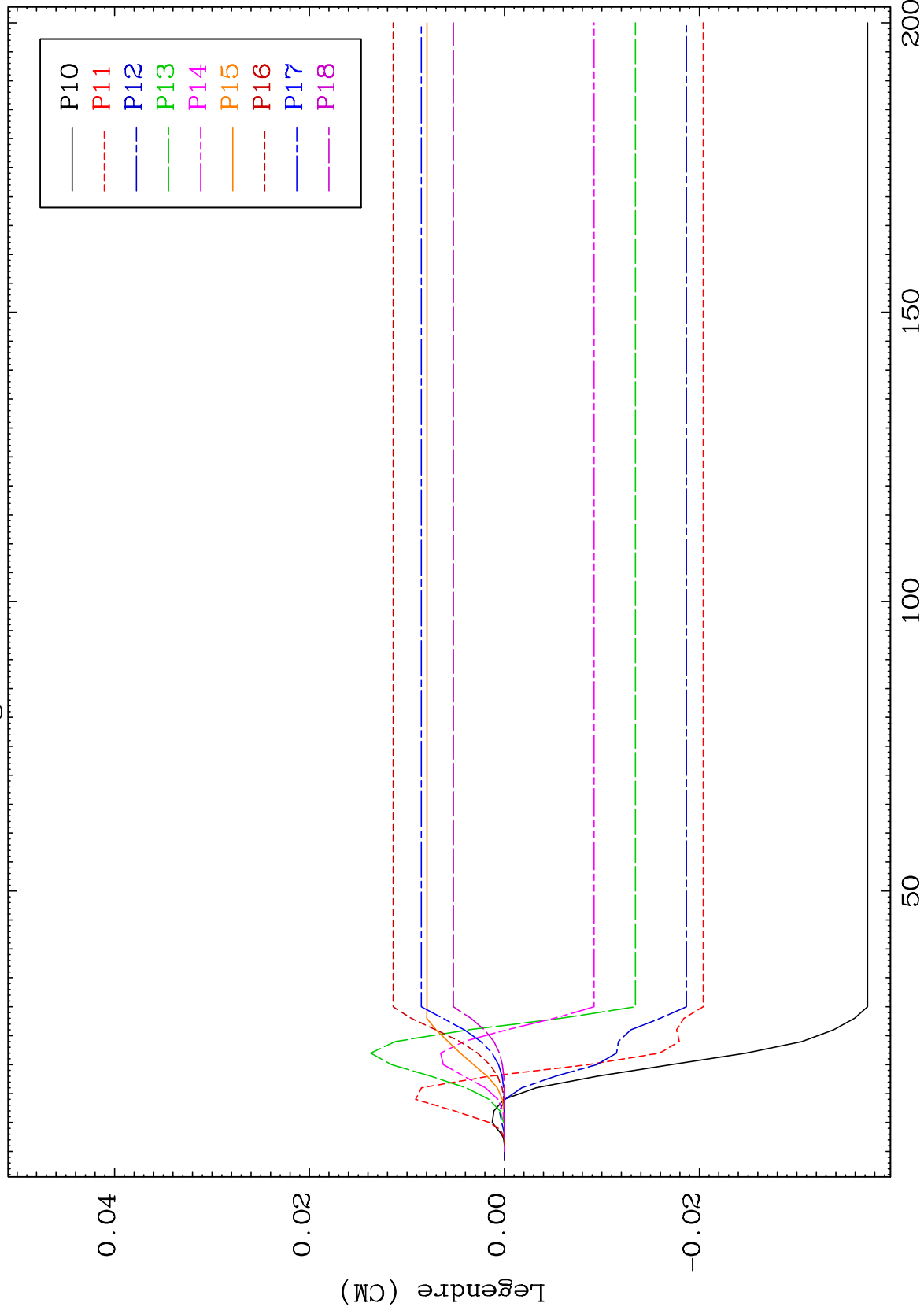




MAT 4219

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

42-Mo-90



51

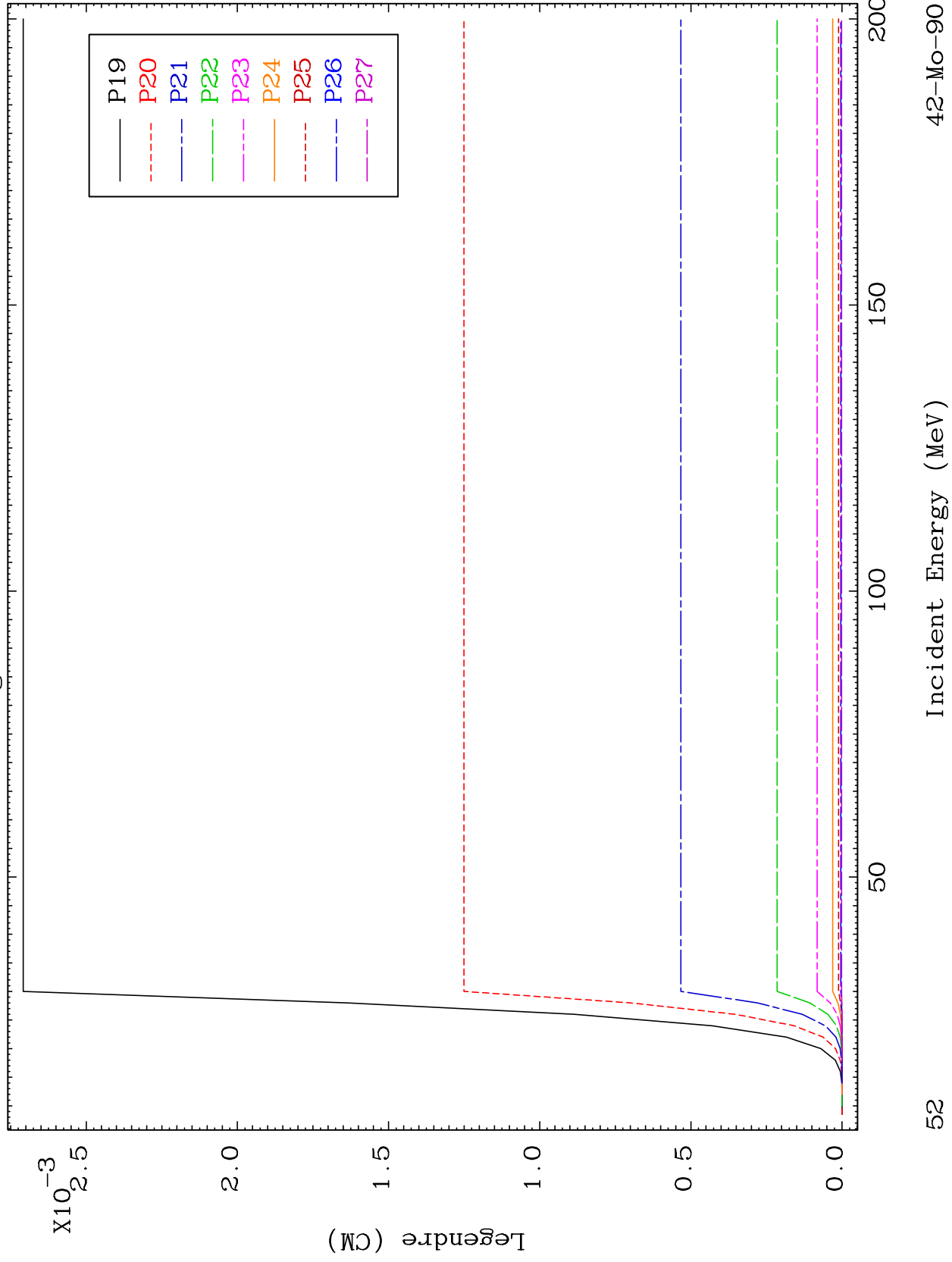
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

42-Mo-90



52

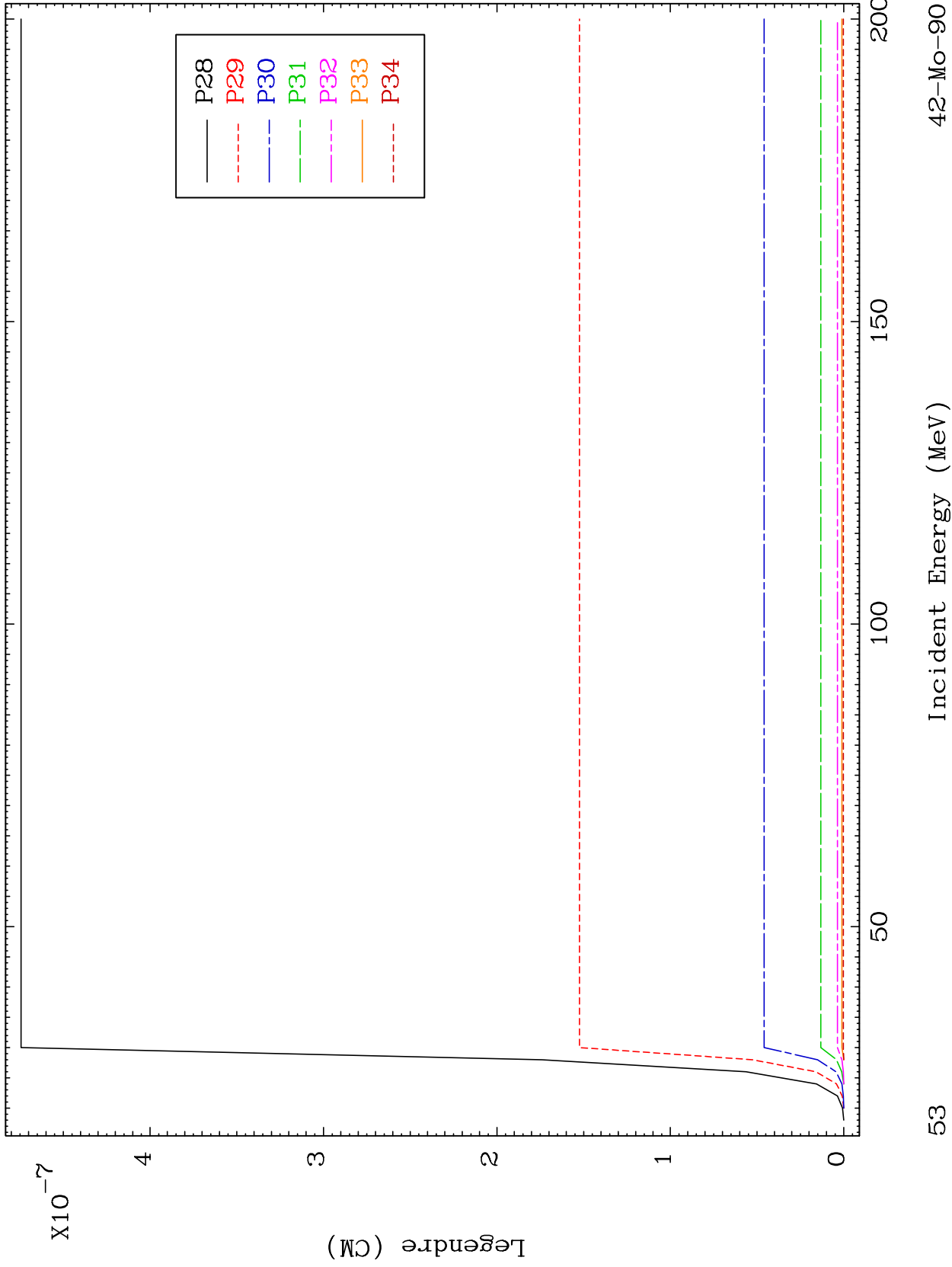
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

42-Mo-90



53

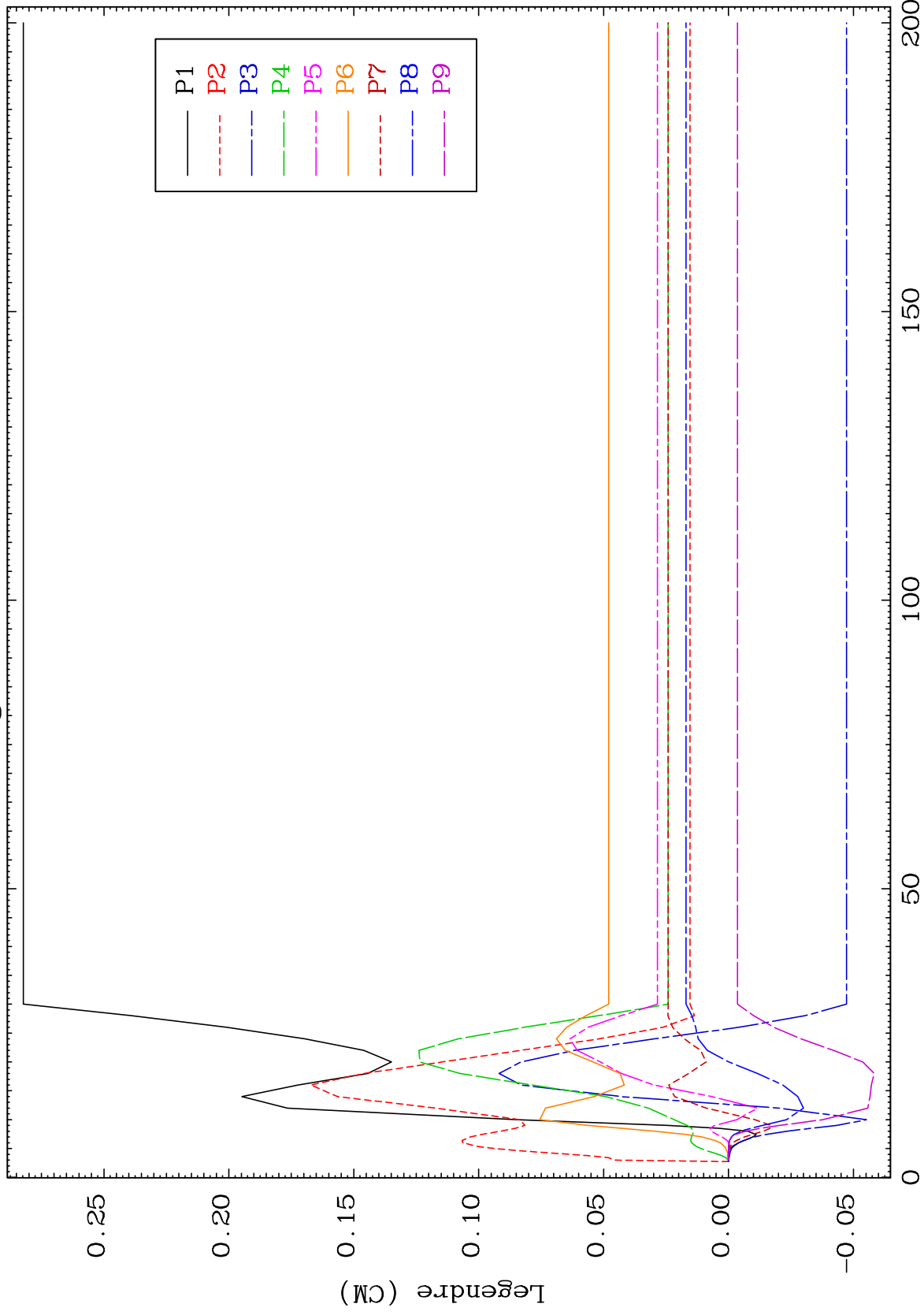
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

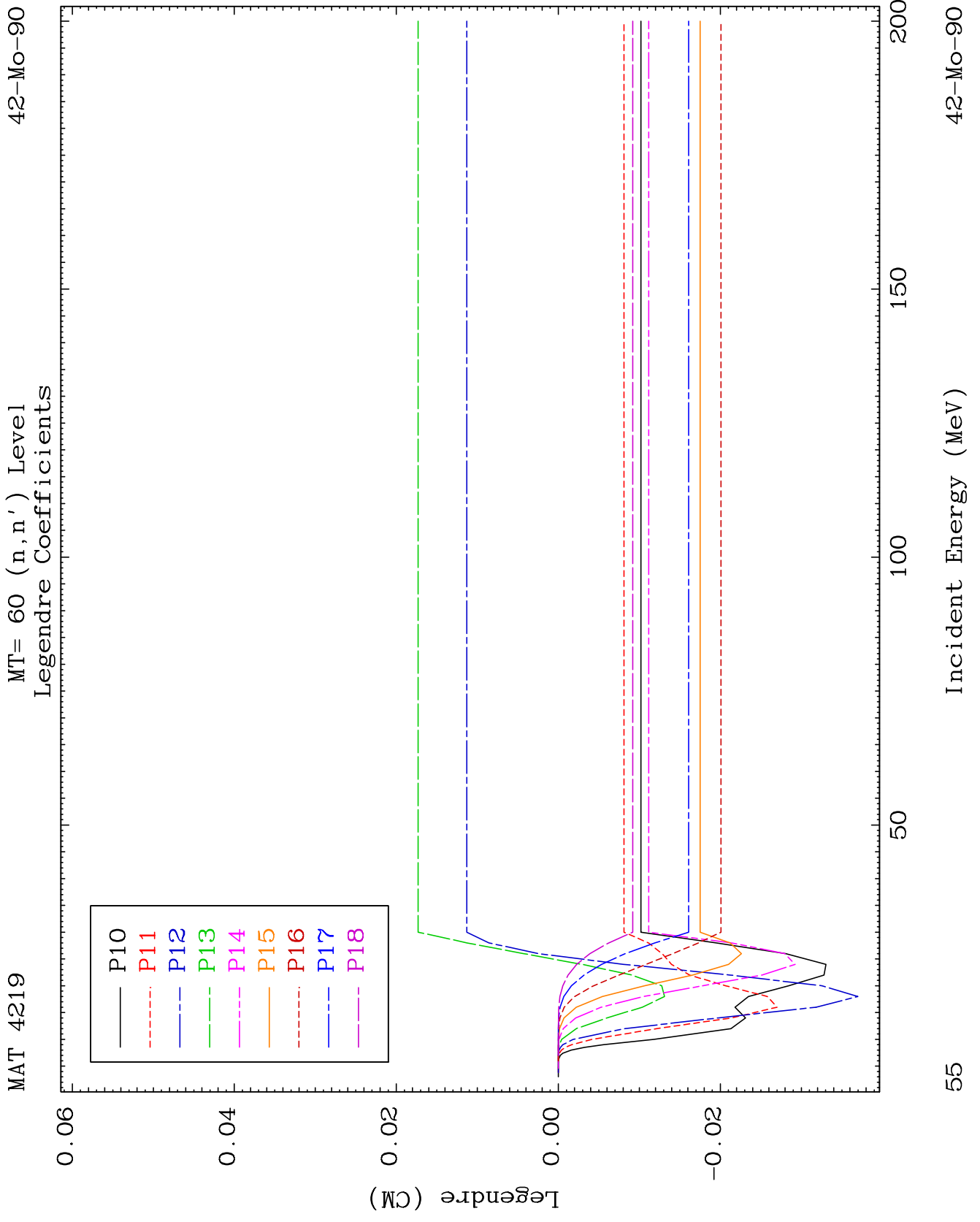
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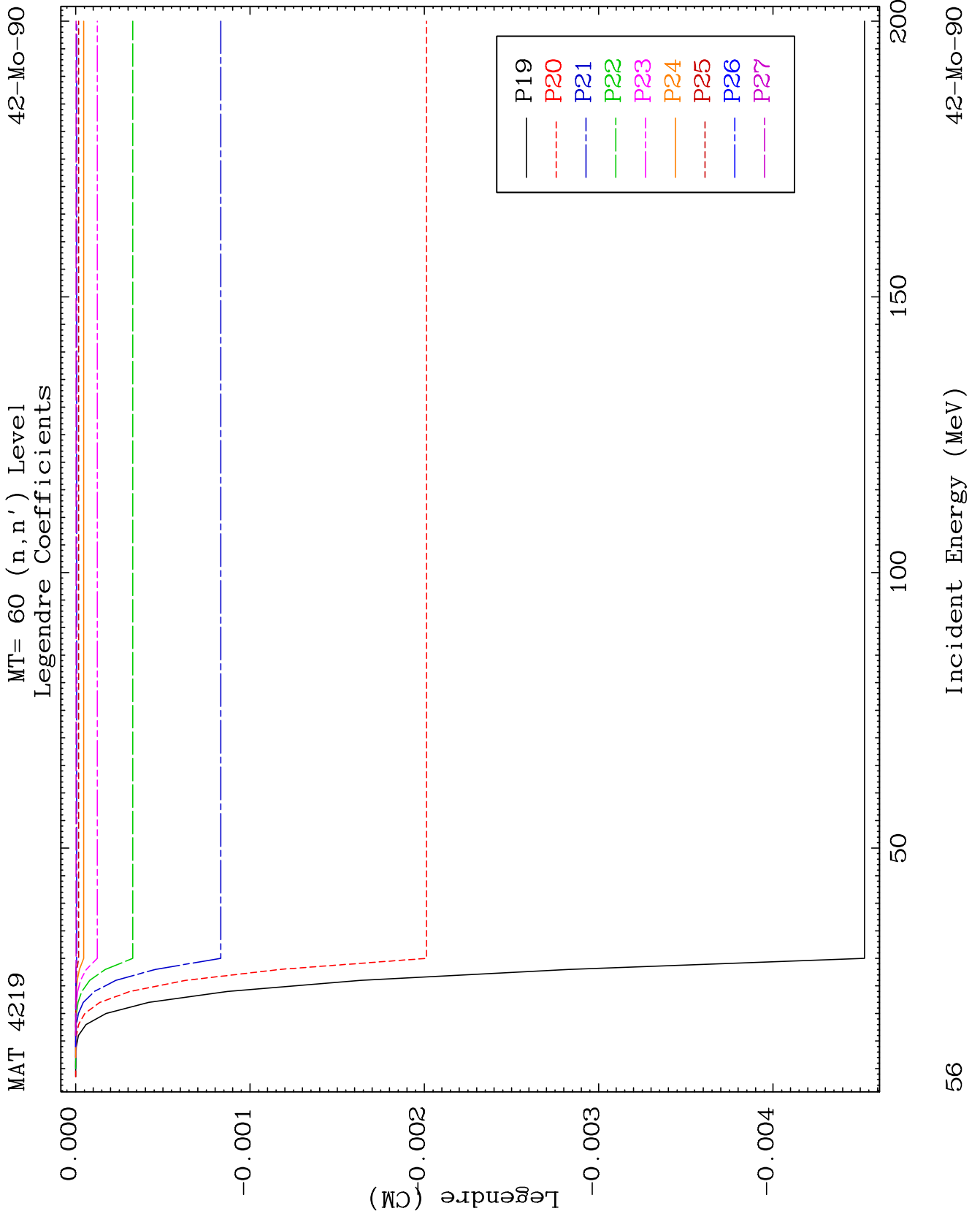


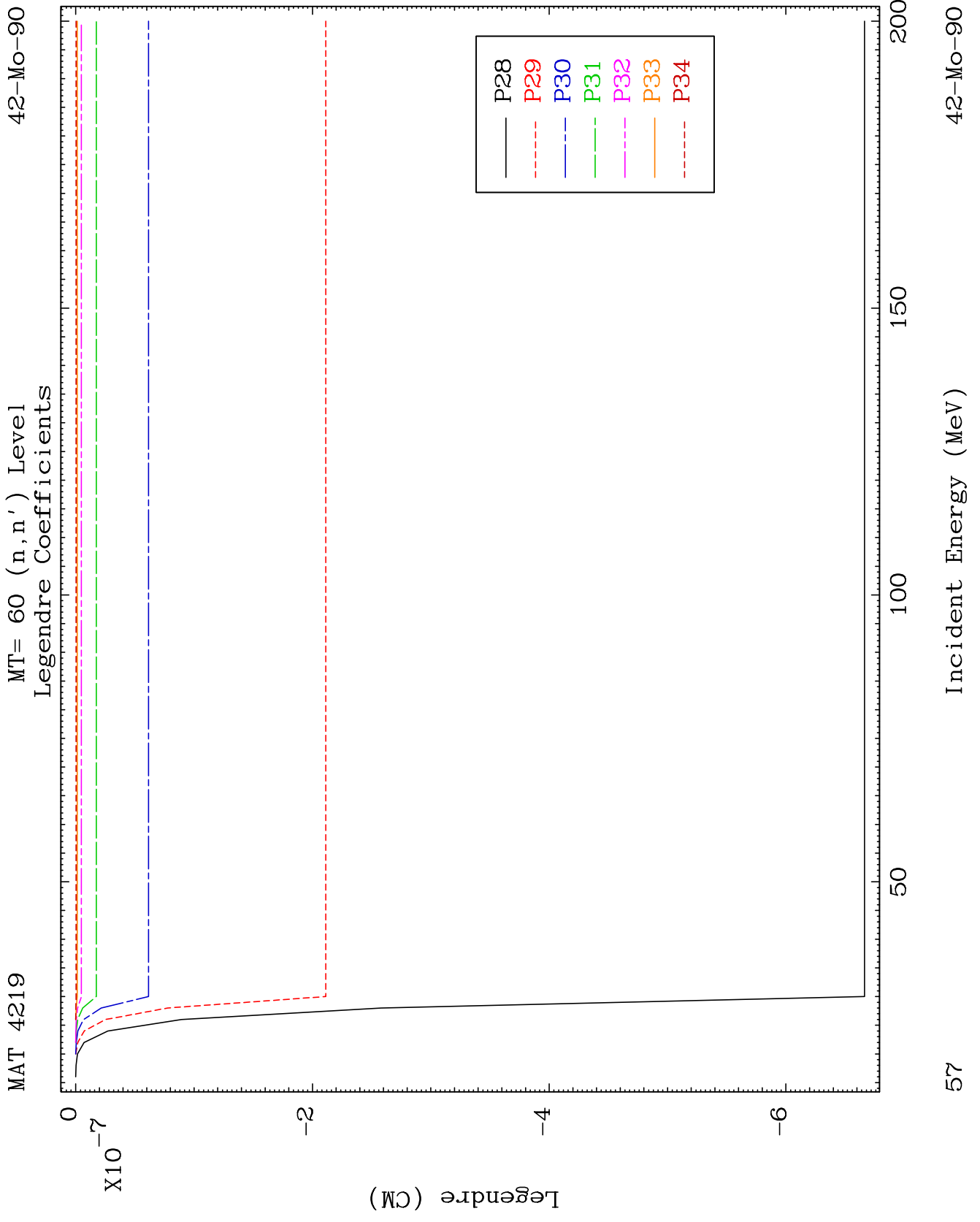
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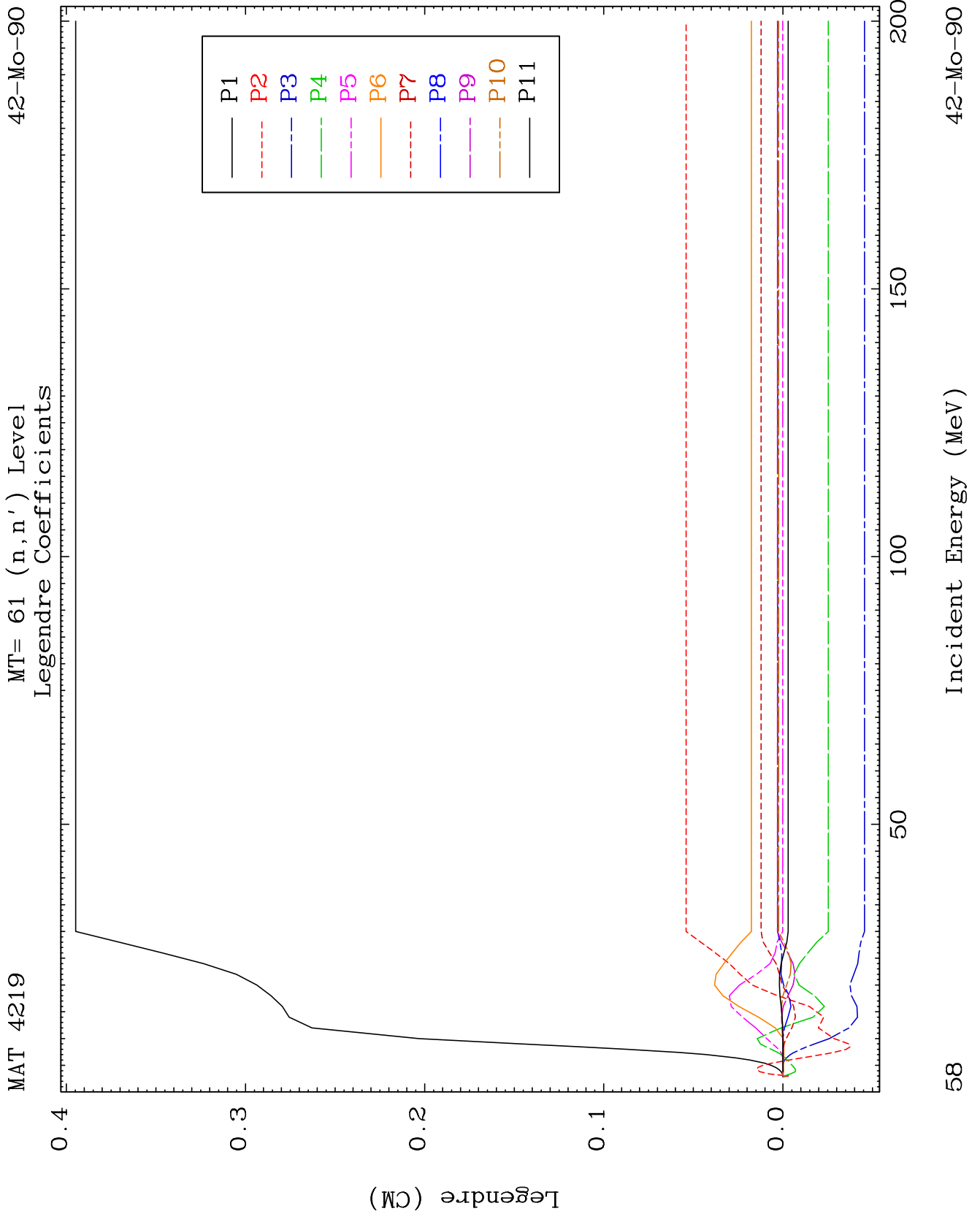
Incident Energy (MeV)

42-Mo-90





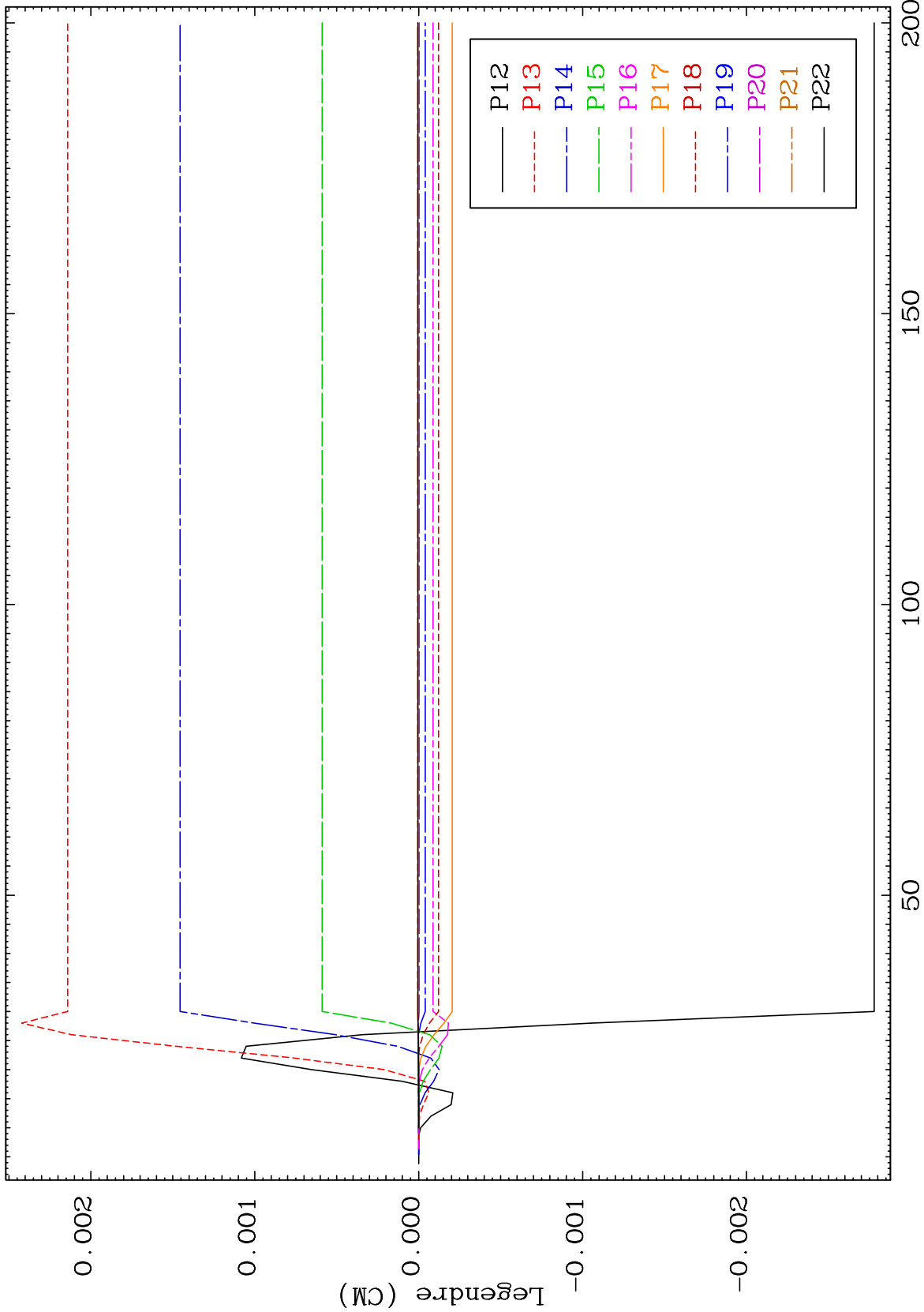




MAT 4219

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

42-Mo-90



59

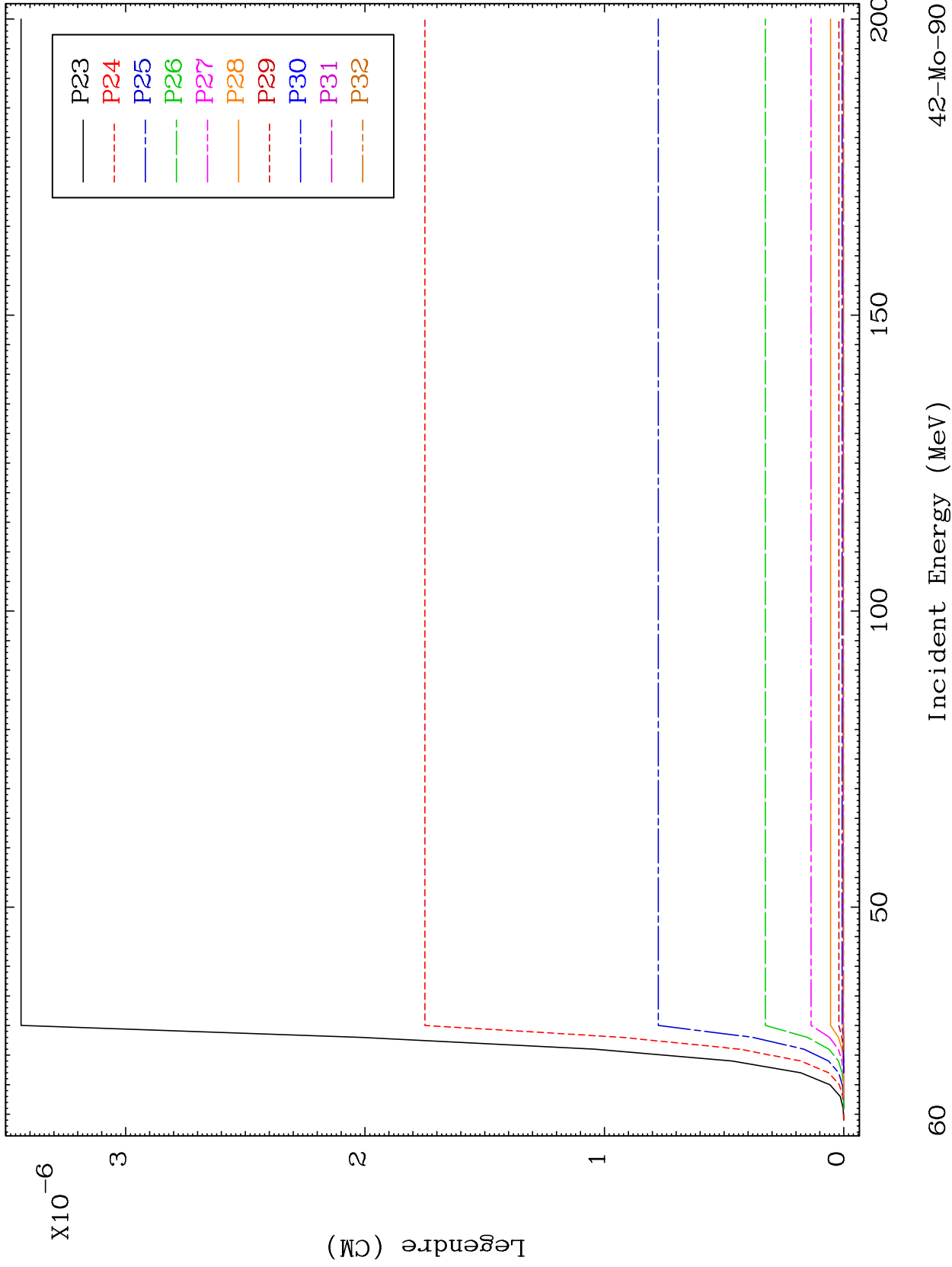
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

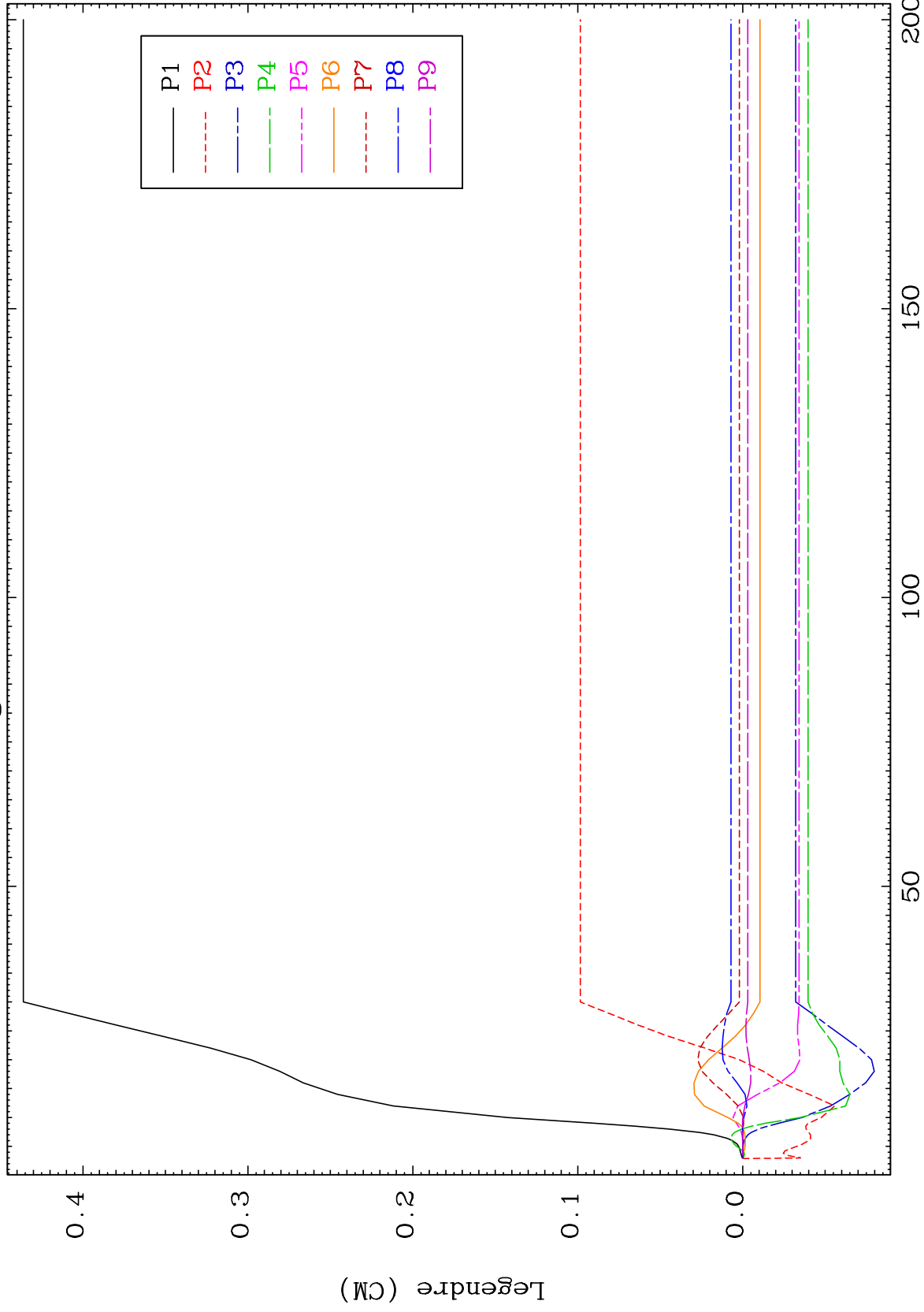
42-Mo-90



MAT 4219

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

42-Mo-90



61

Incident Energy (MeV)

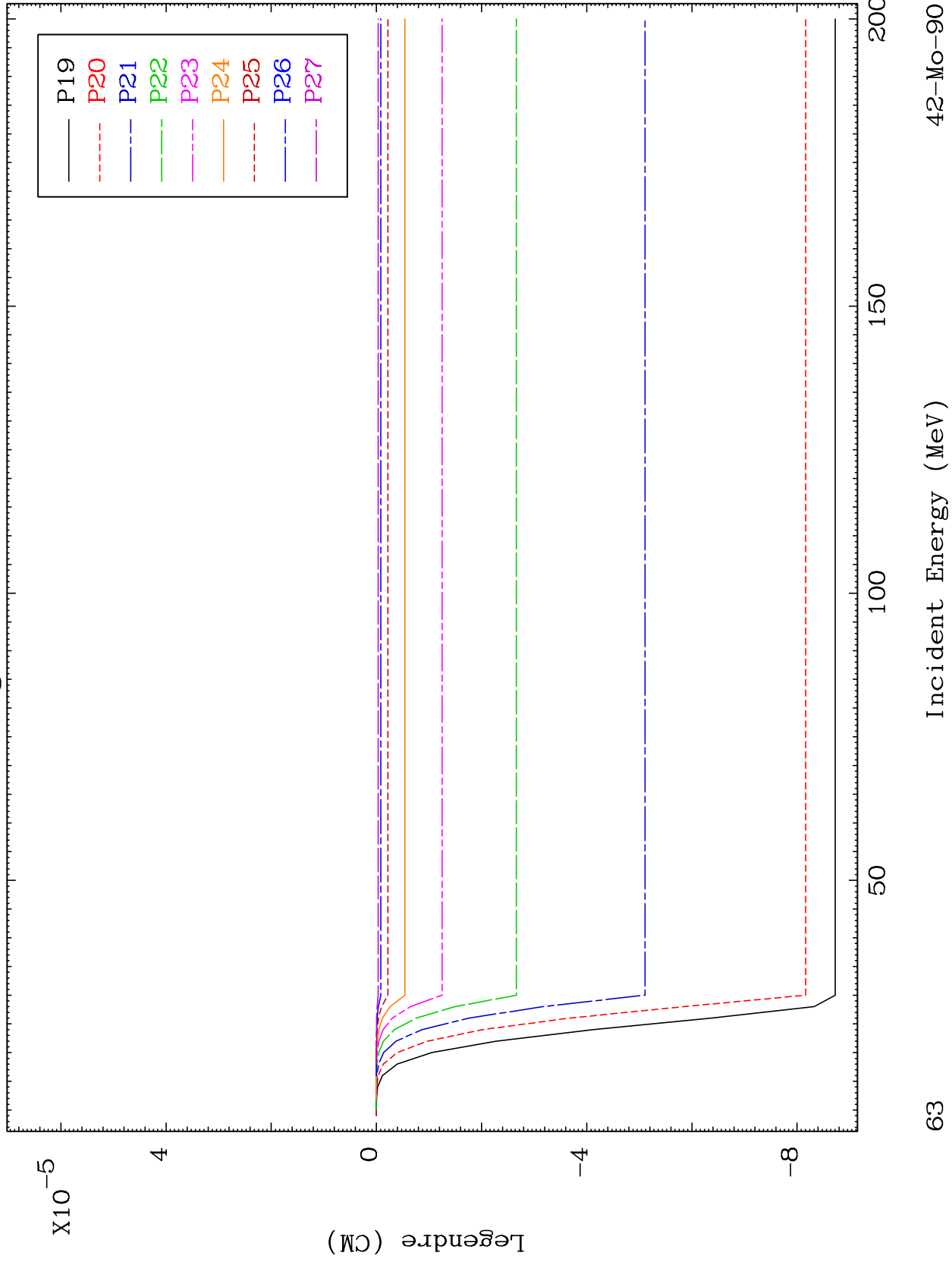
42-Mo-90



MAT 4219

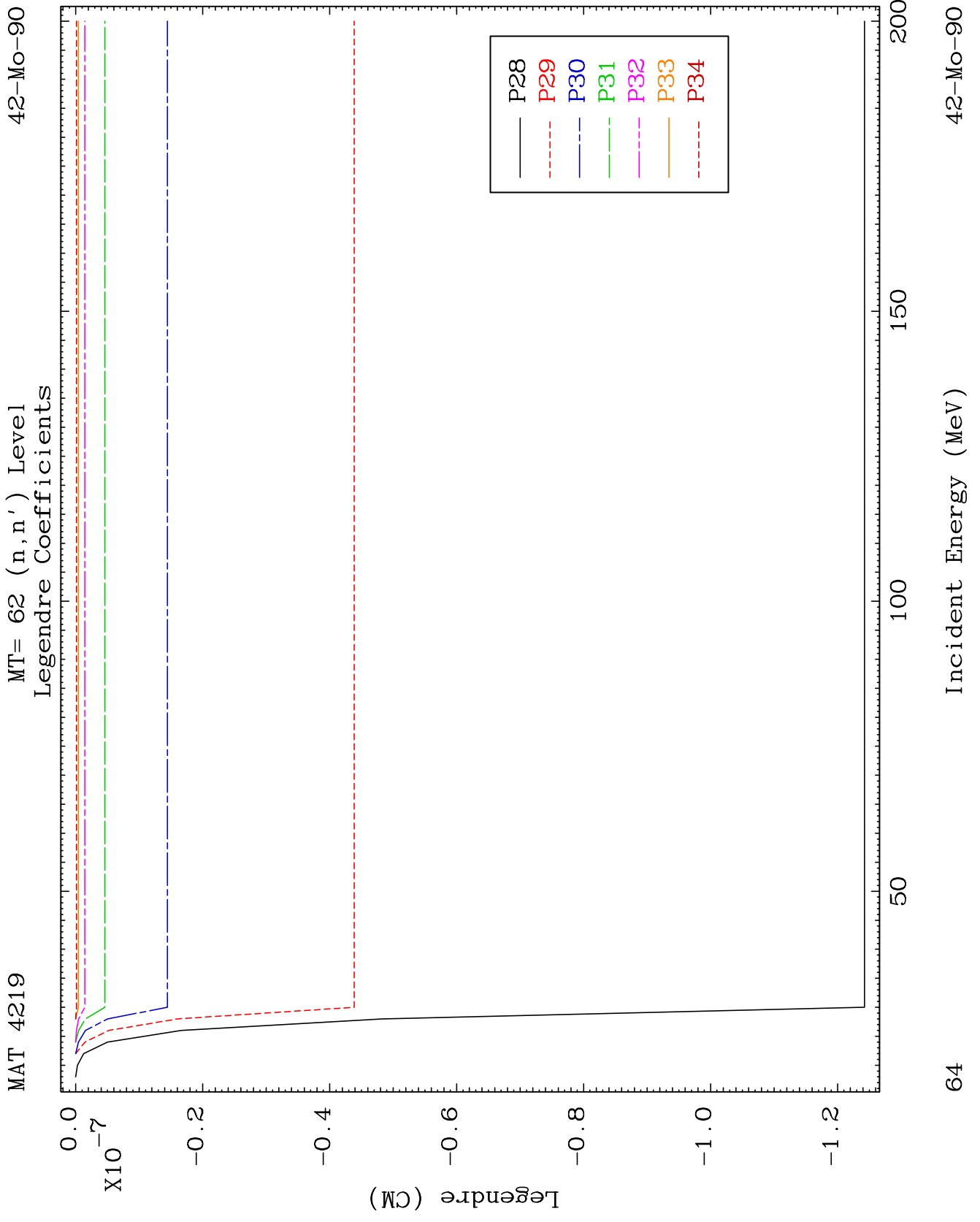
MT= 62 (n,n') Level  
Legendre Coefficients

42-Mo-90



63

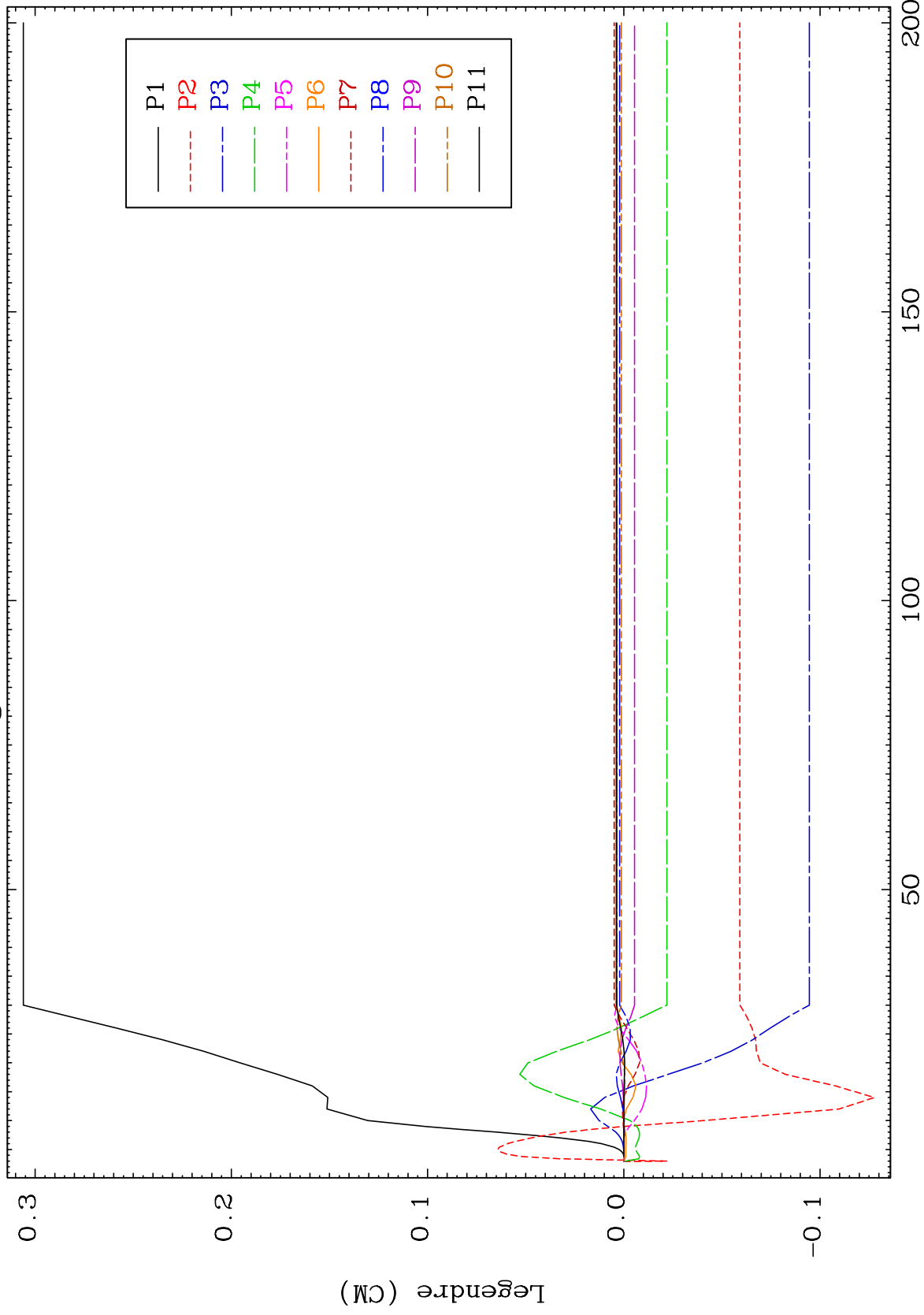
42-Mo-90



MAT 4219

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

42-Mo-90



65

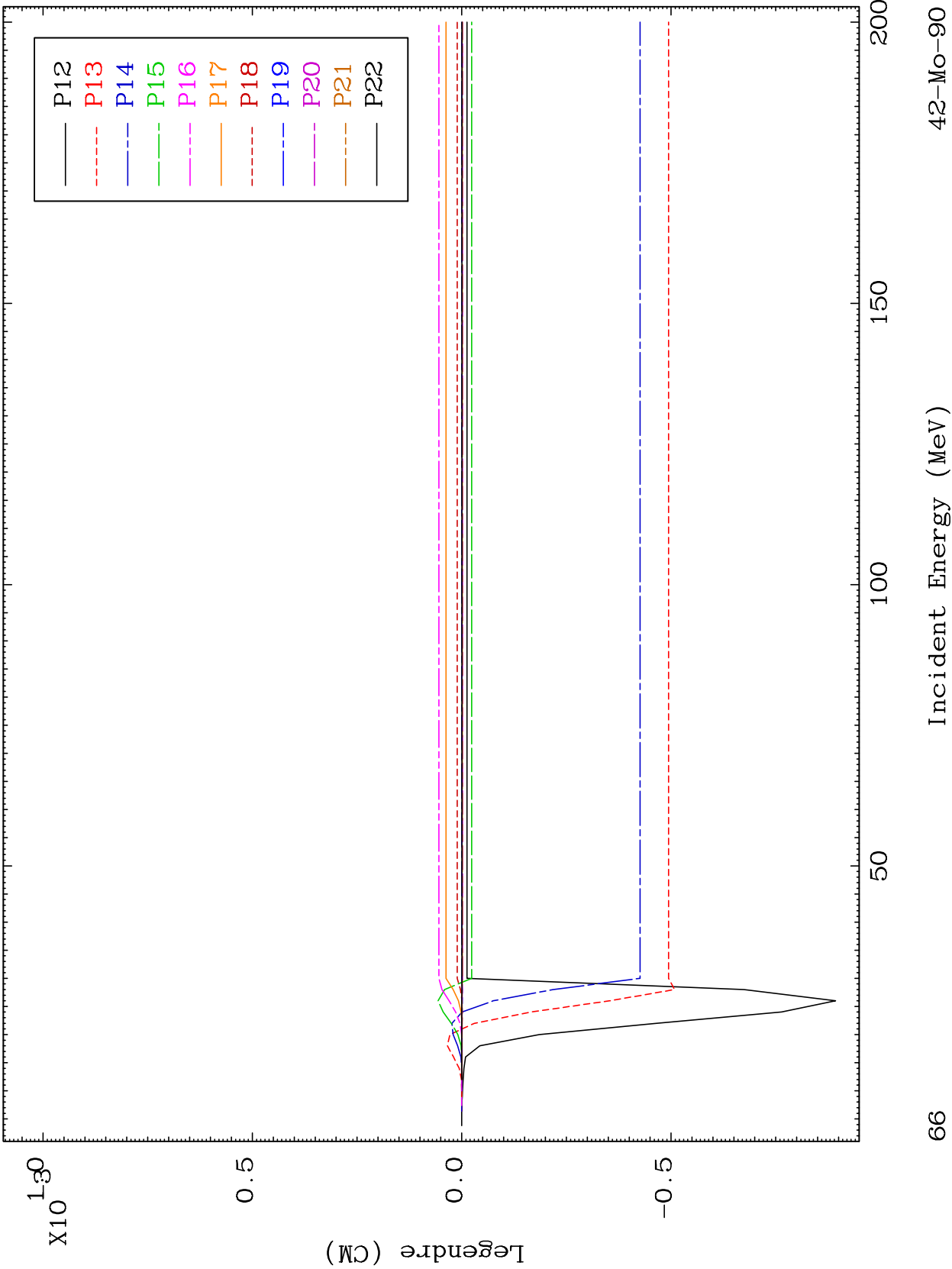
Incident Energy (MeV)

42-Mo-90

MAT 4219

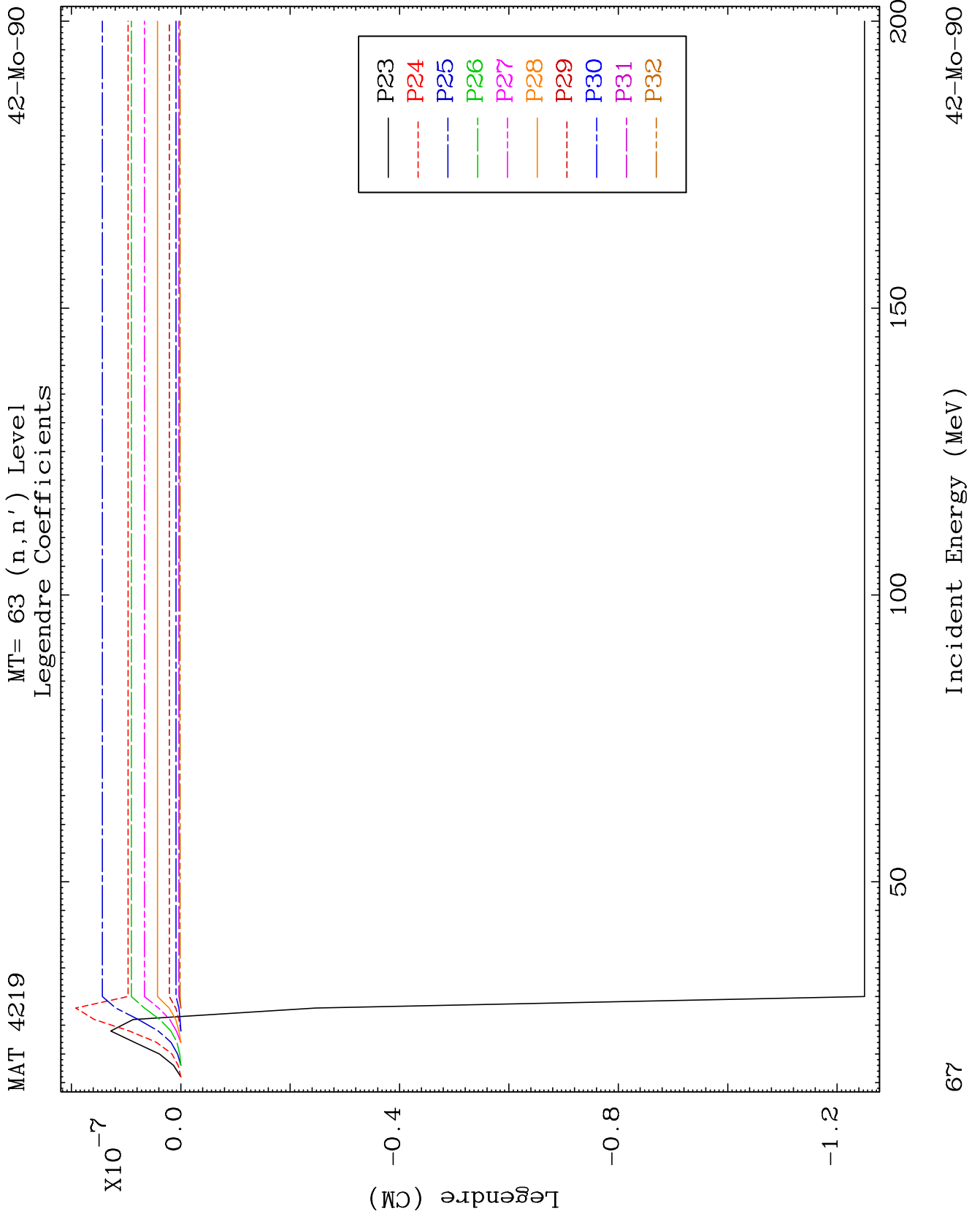
MT= 63 (n,n') Level  
Legendre Coefficients

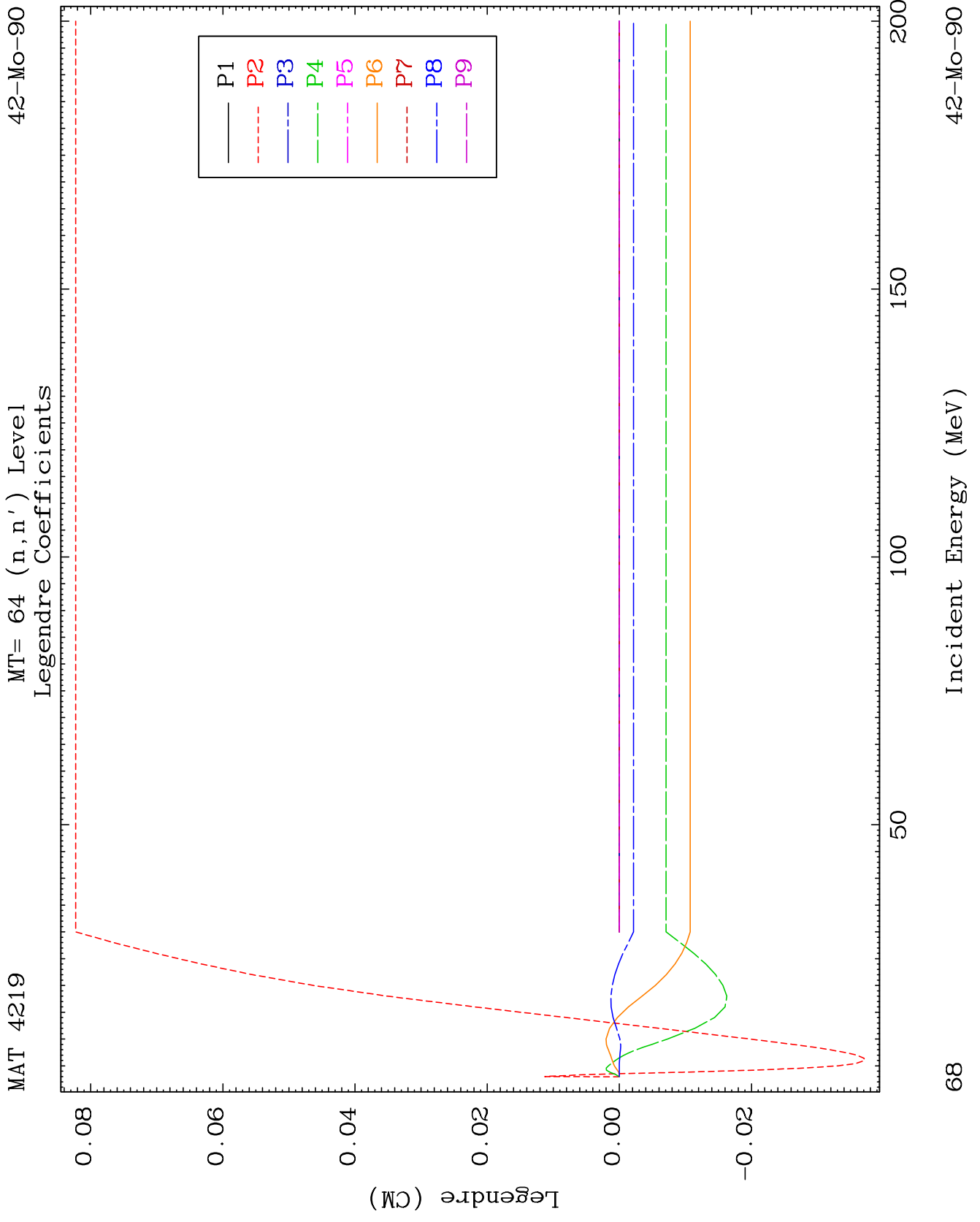
42-Mo-90



66

42-Mo-90

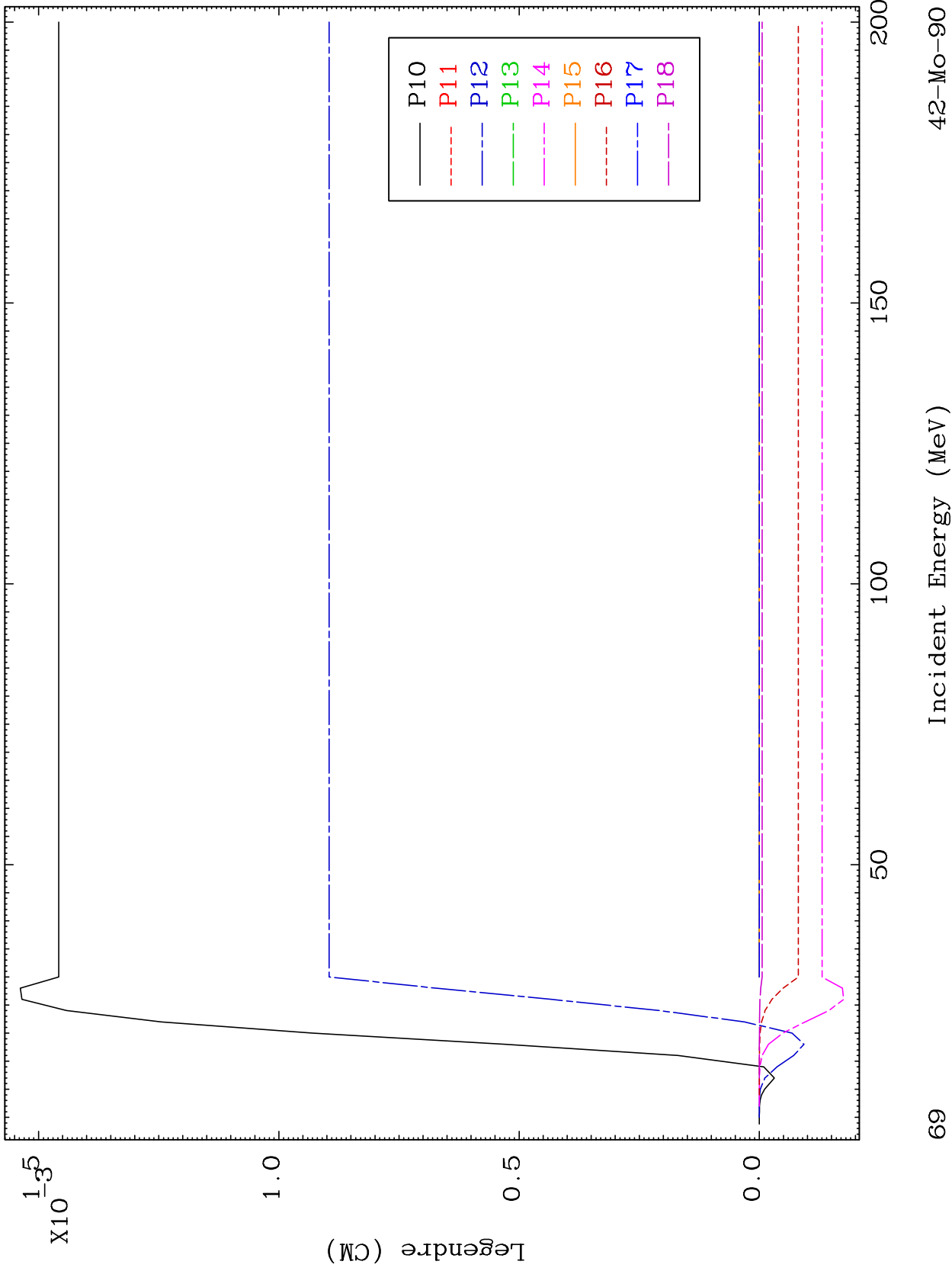




MAT 4219

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

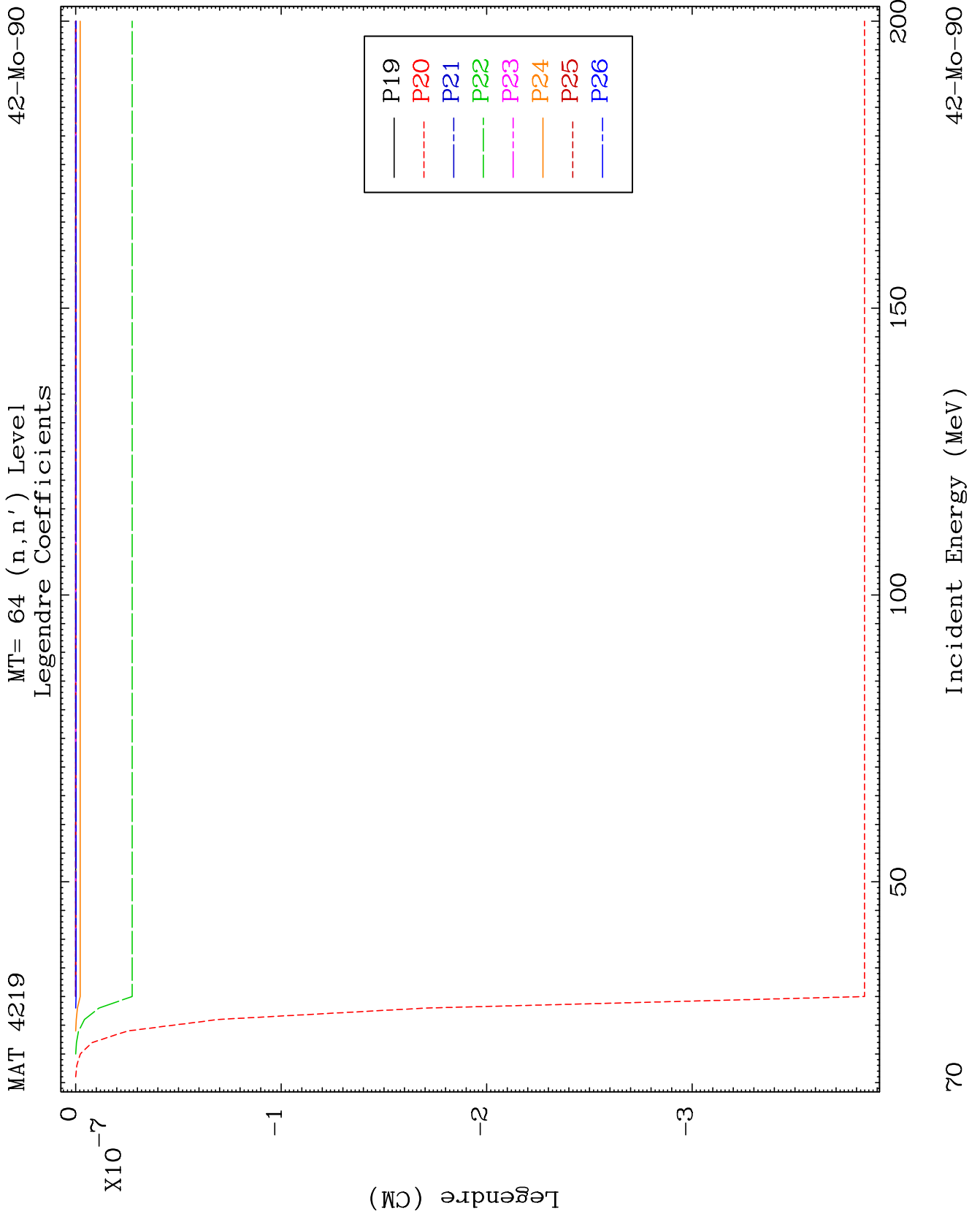
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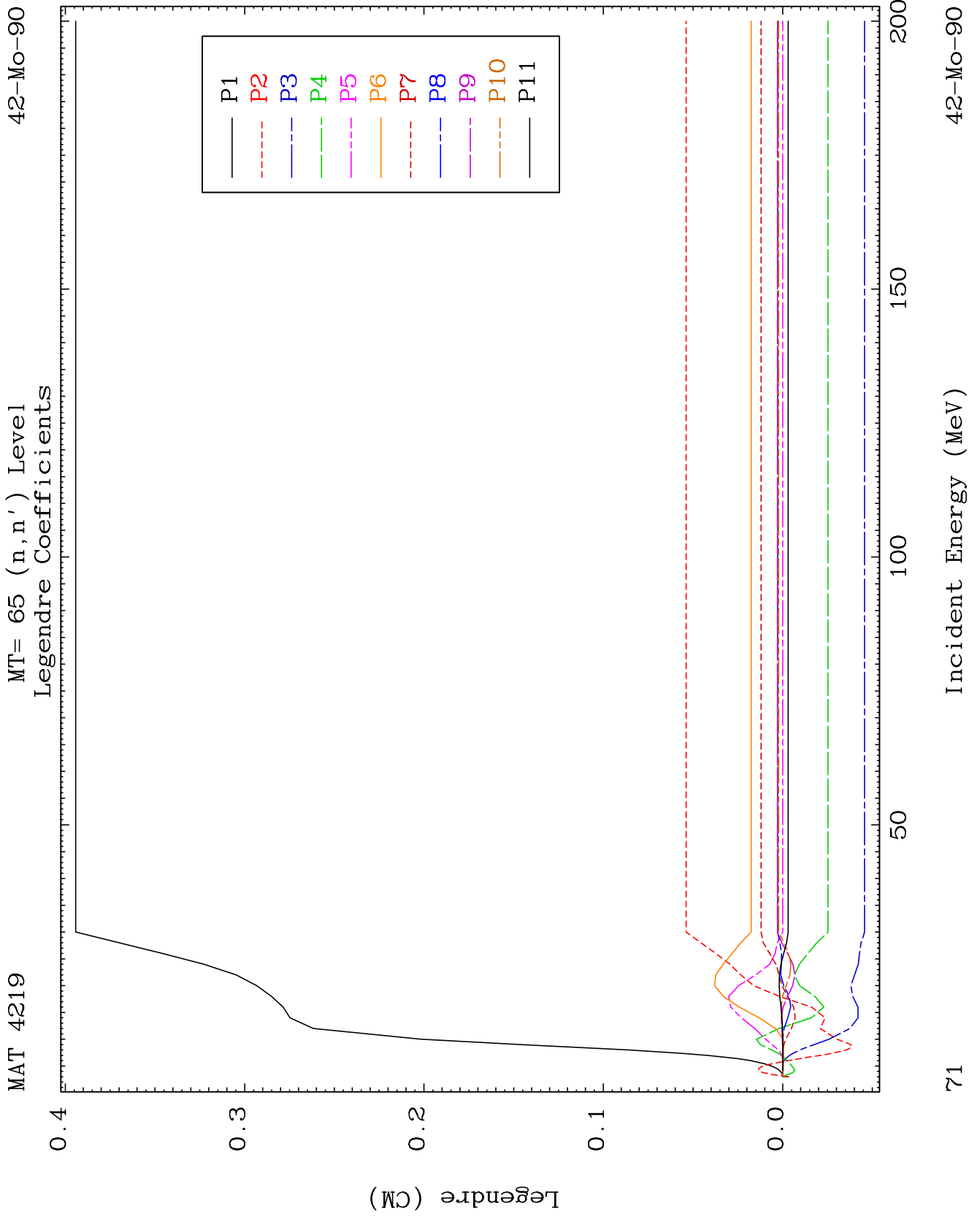


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Incident Energy (MeV)

42-Mo-90

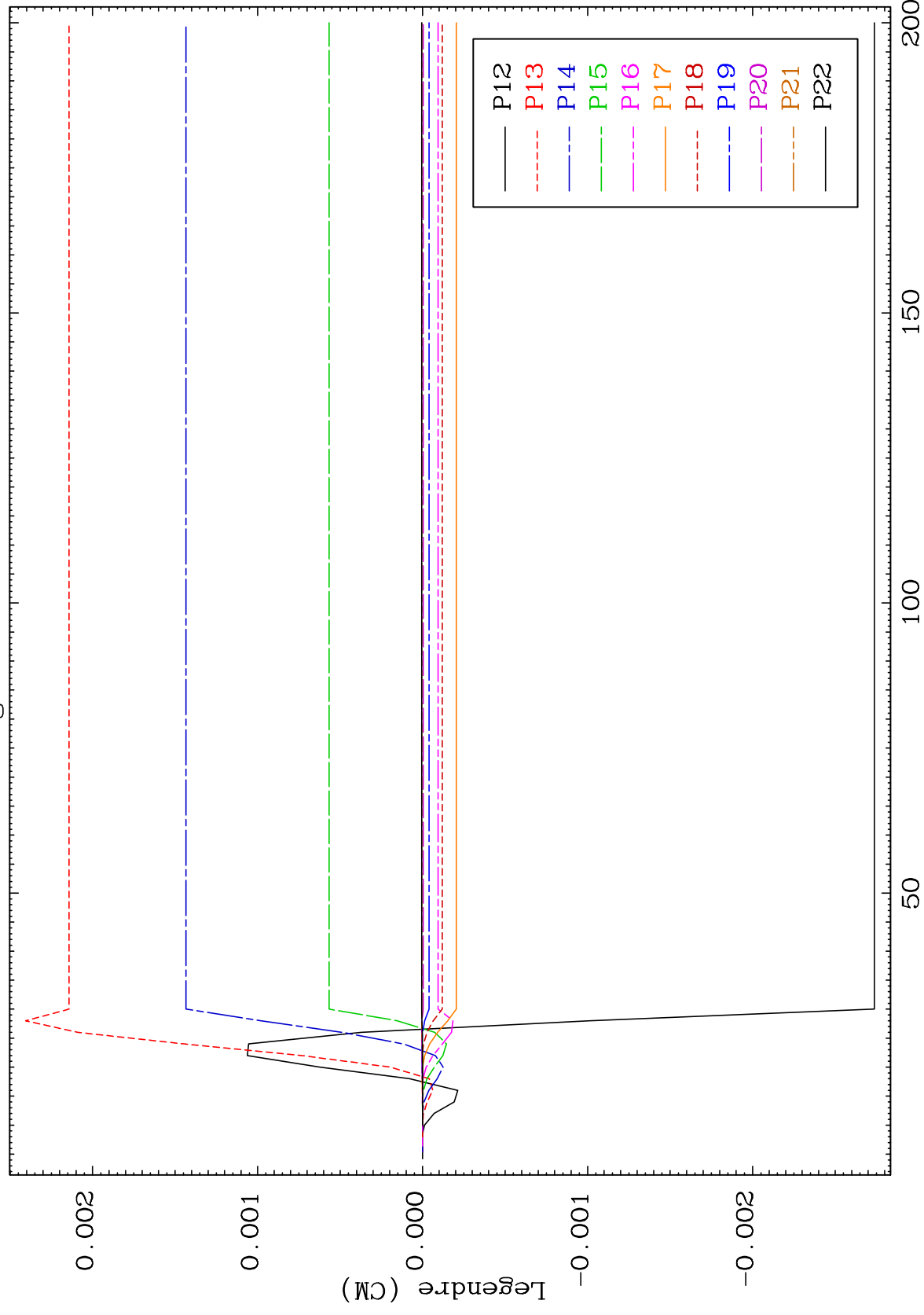




MAT 4219

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

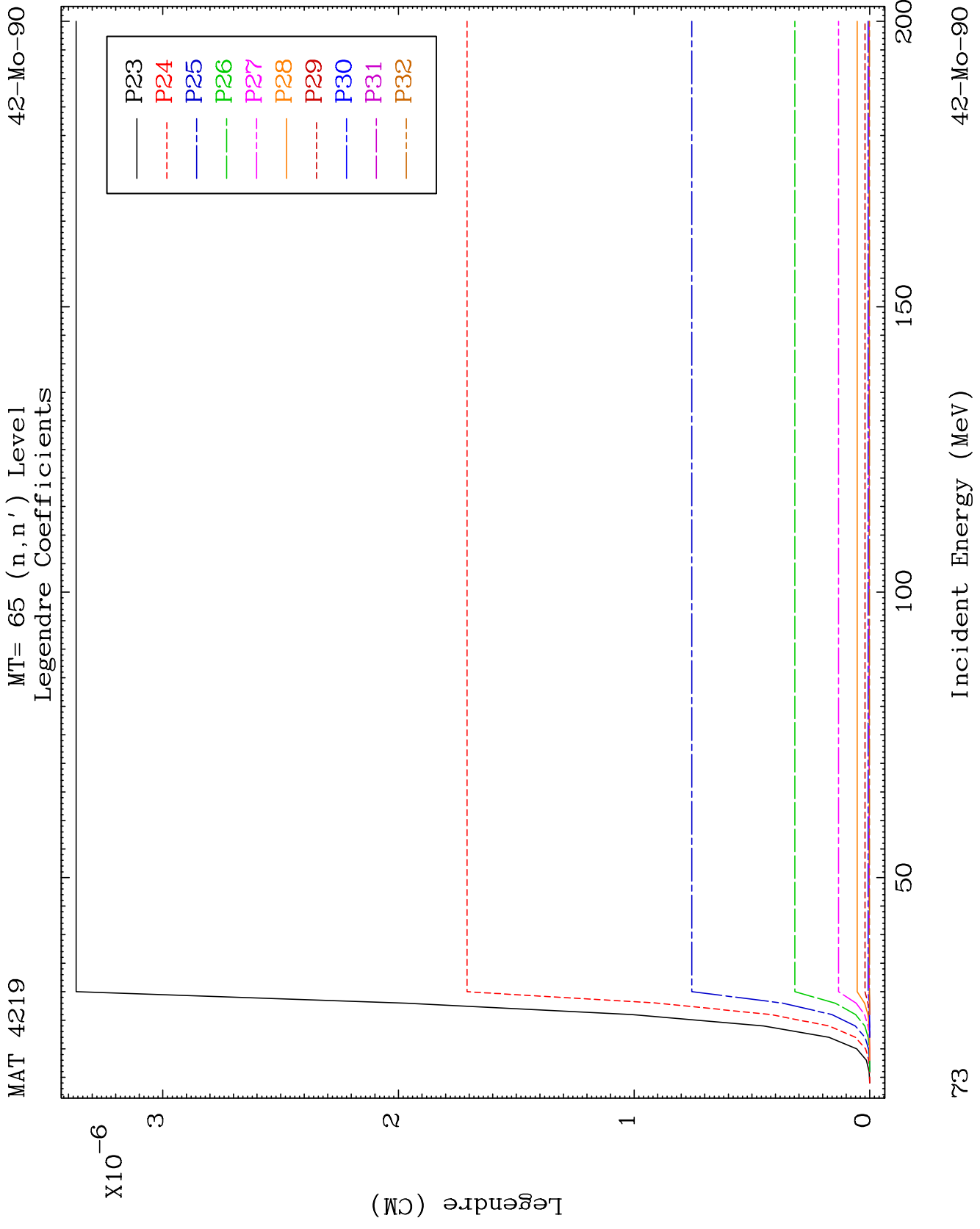
42-Mo-90

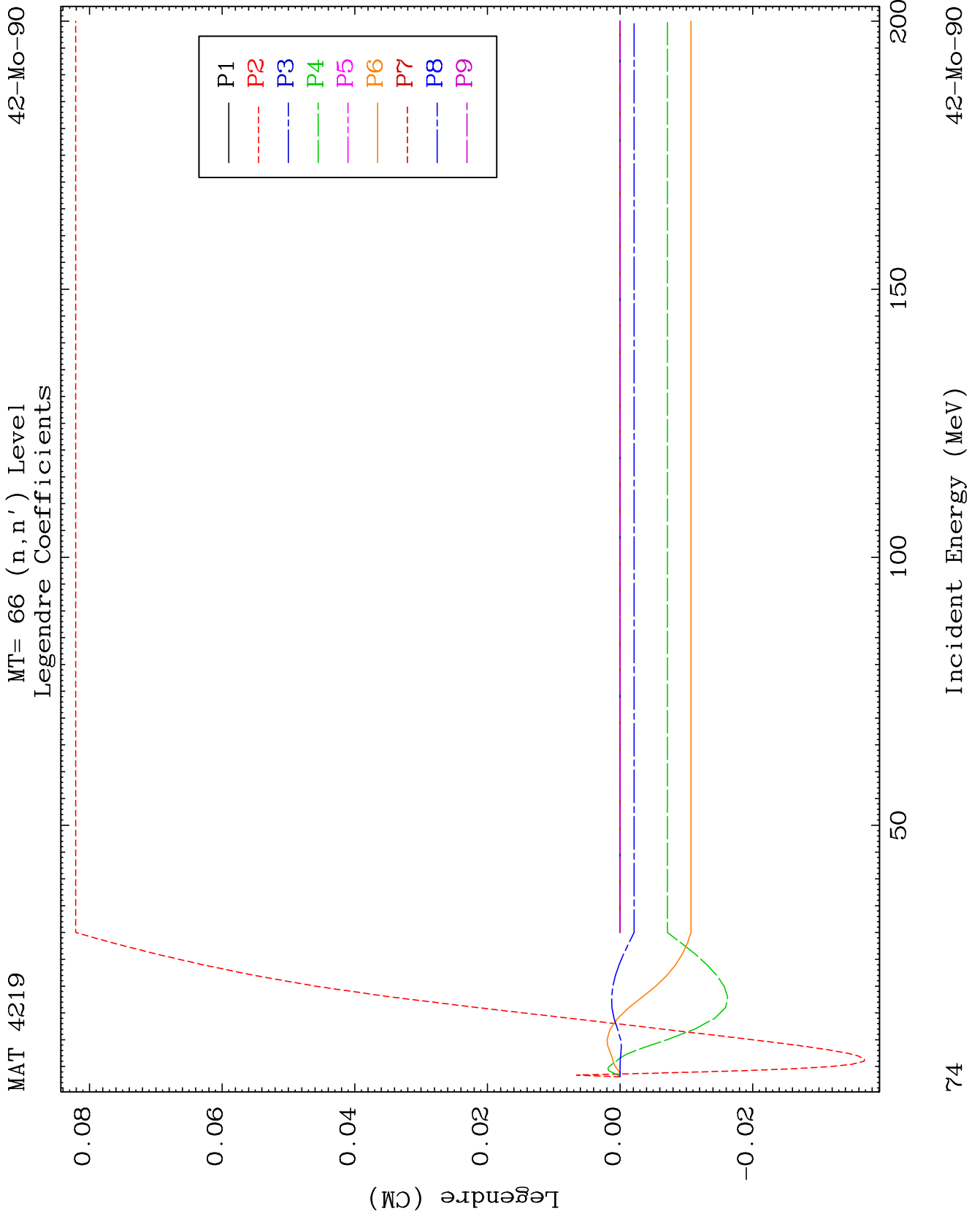


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Incident Energy (MeV)

42-Mo-90

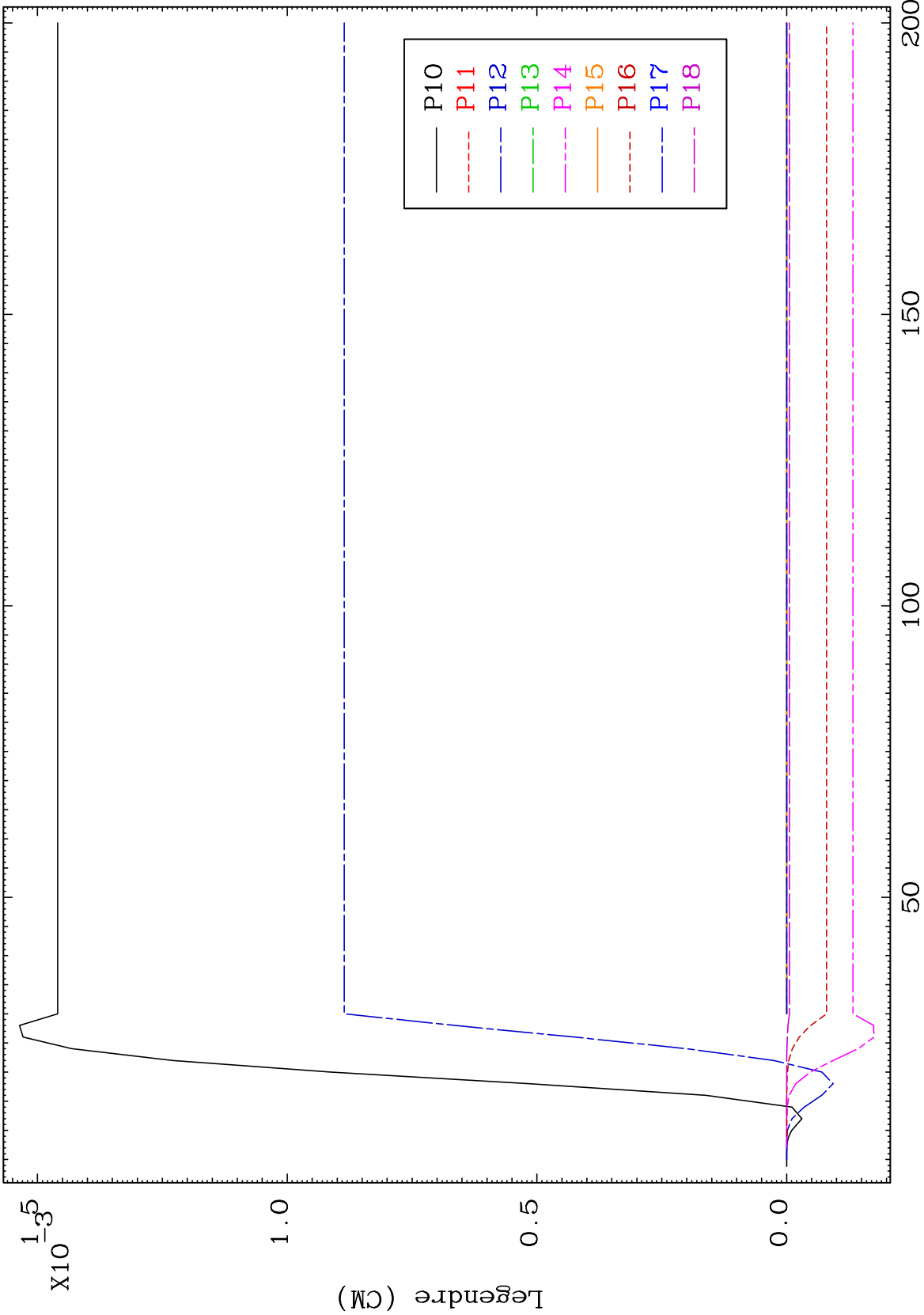




MAT 4219

MT= 66 (n,n') Level  
Legendre Coefficients

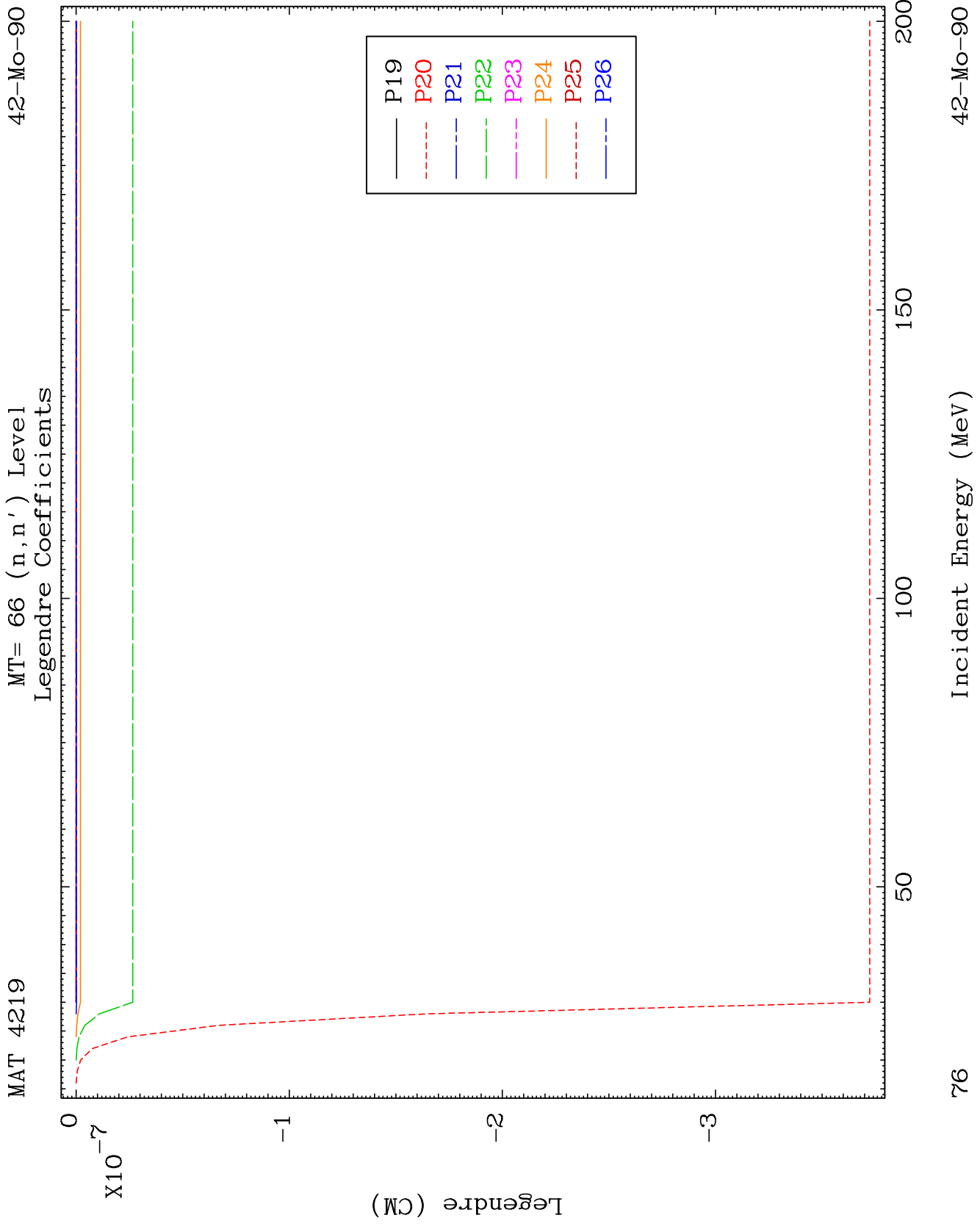
42-Mo-90



75

Incident Energy (MeV)

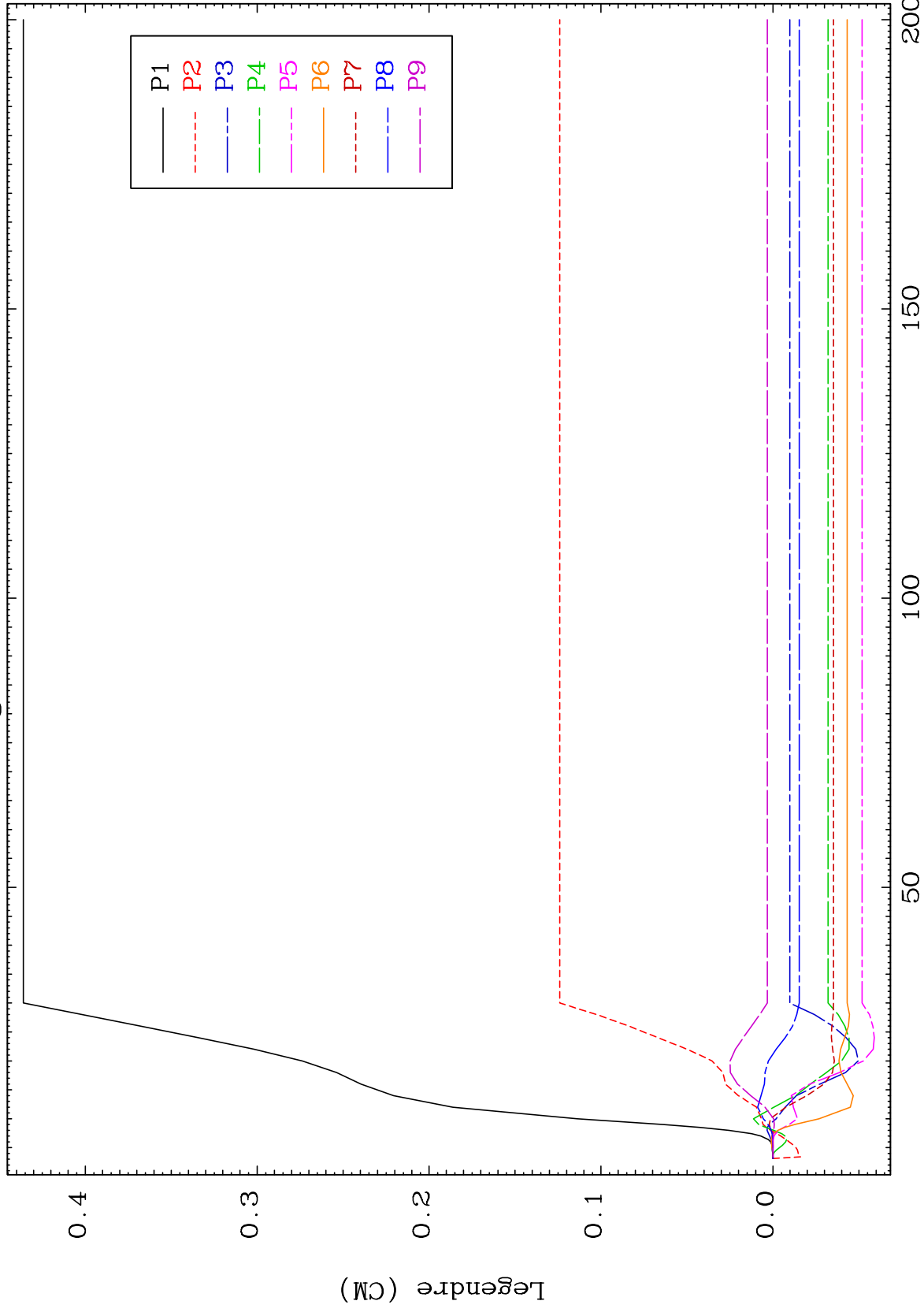
42-Mo-90



MAT 4219

MT= 67 (n,n') Level  
Legendre Coefficients

42-Mo-90



77

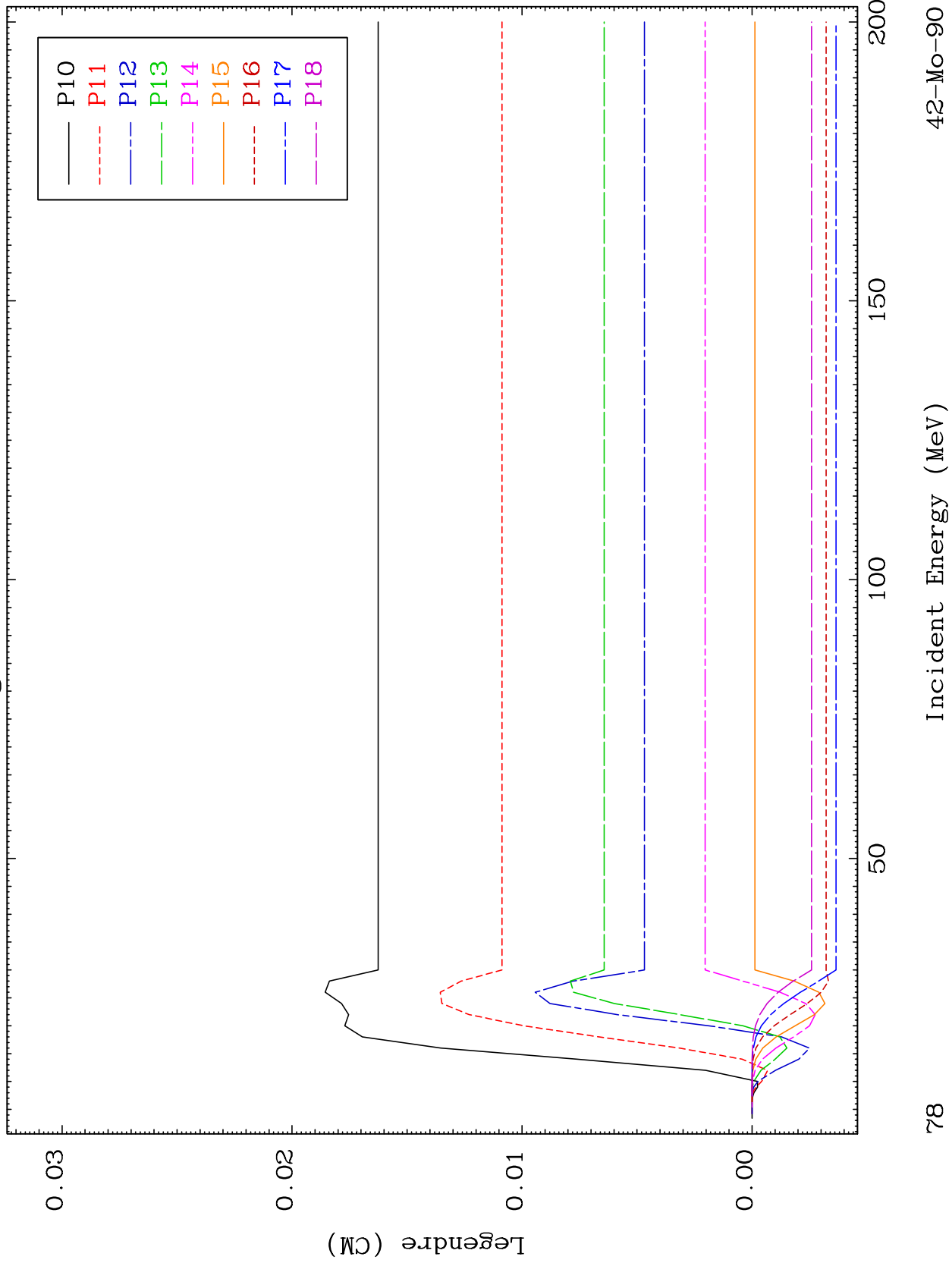
Incident Energy (MeV)

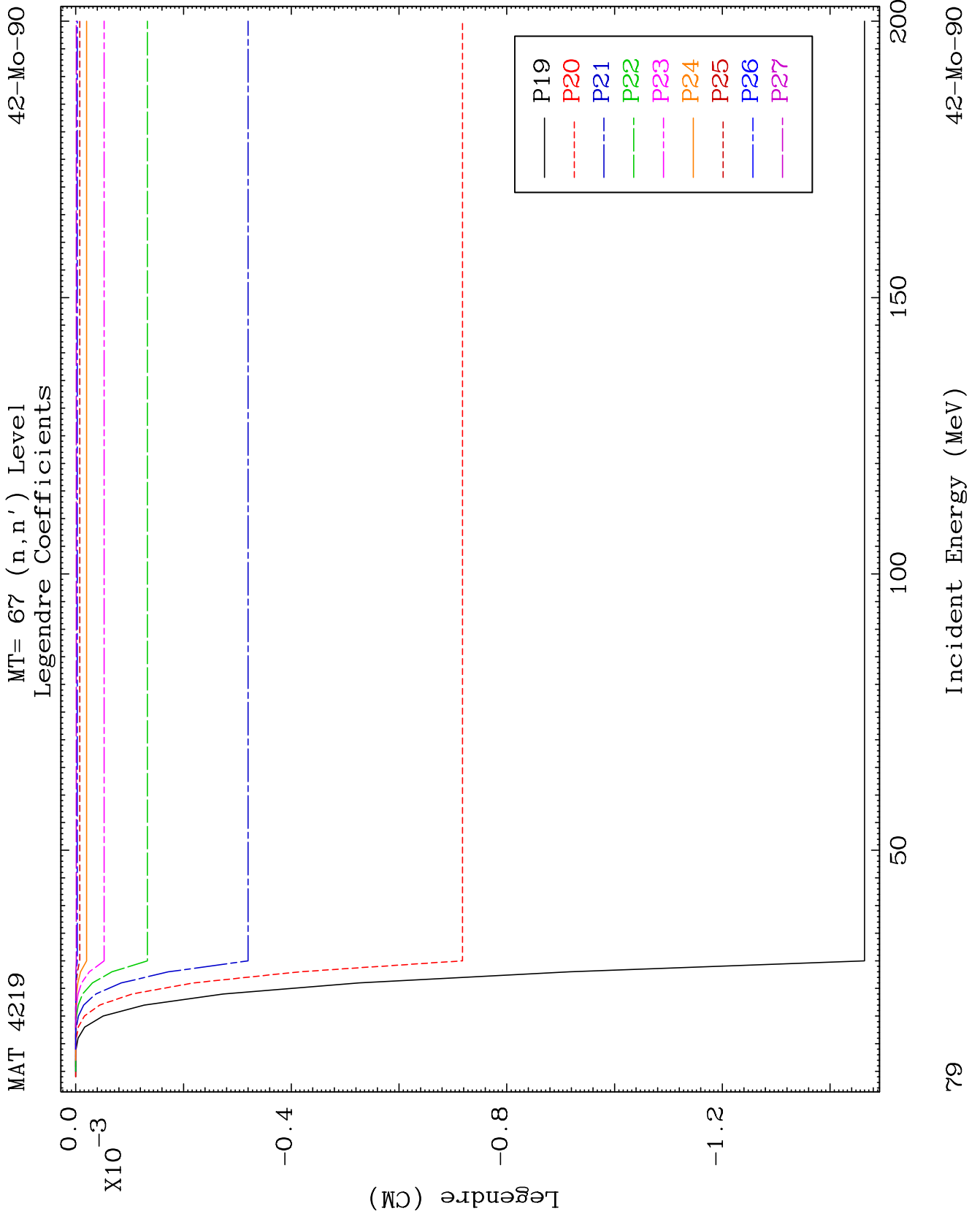
42-Mo-90

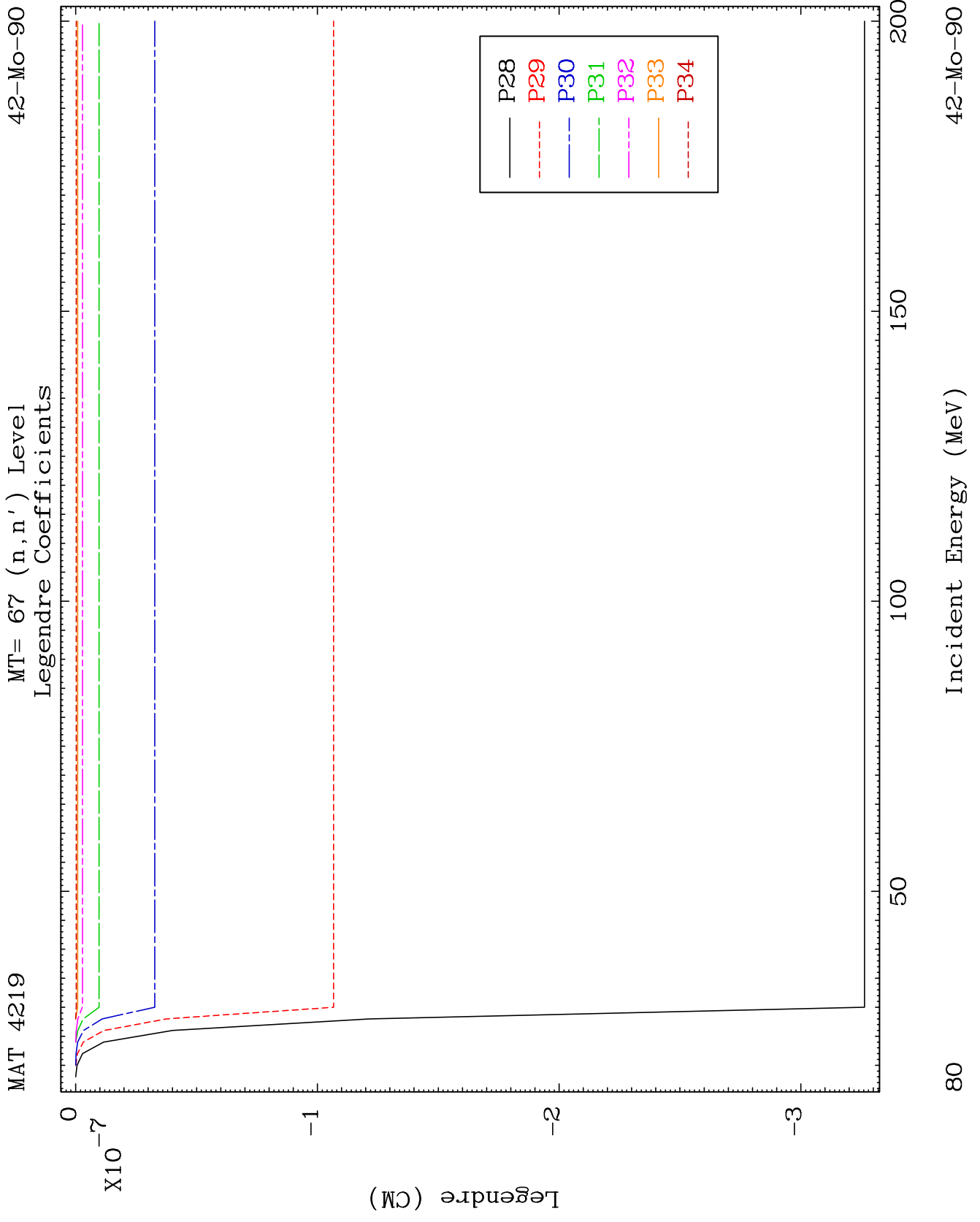
MAT 4219

MT= 67 (n,n') Level  
Legendre Coefficients

42-Mo-90



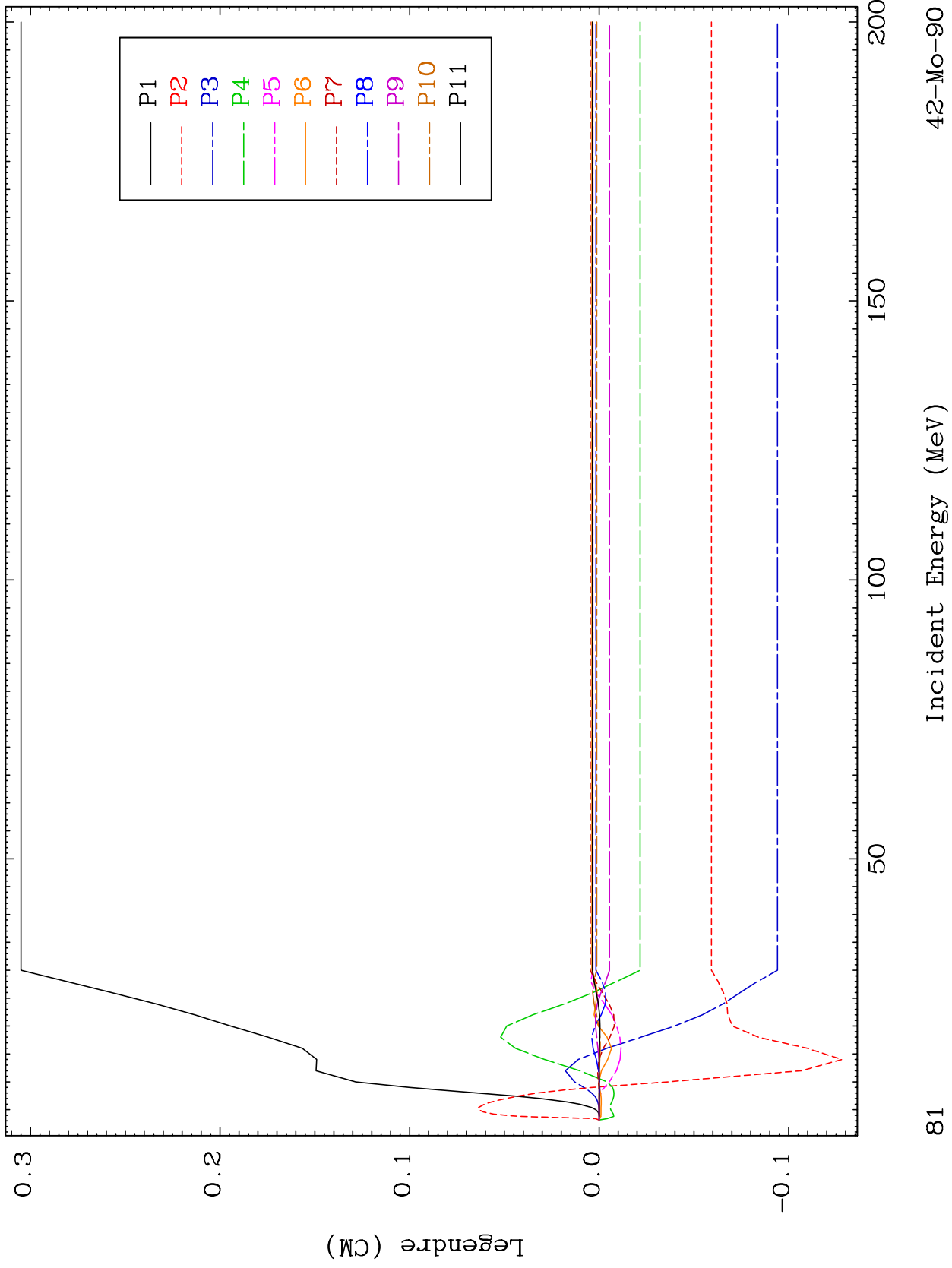




MAT 4219

MT= 68 (n,n') Level  
Legendre Coefficients

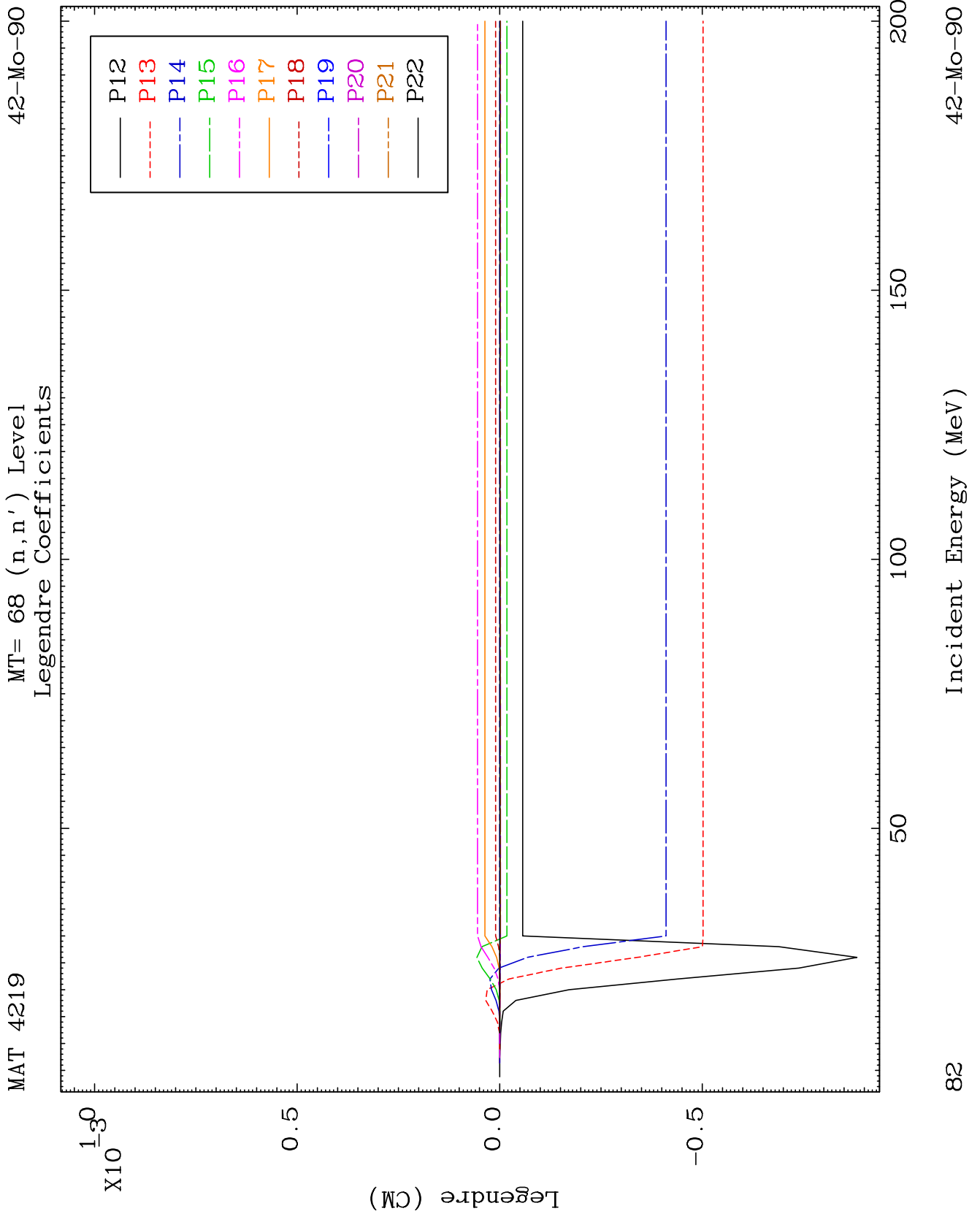
42-Mo-90

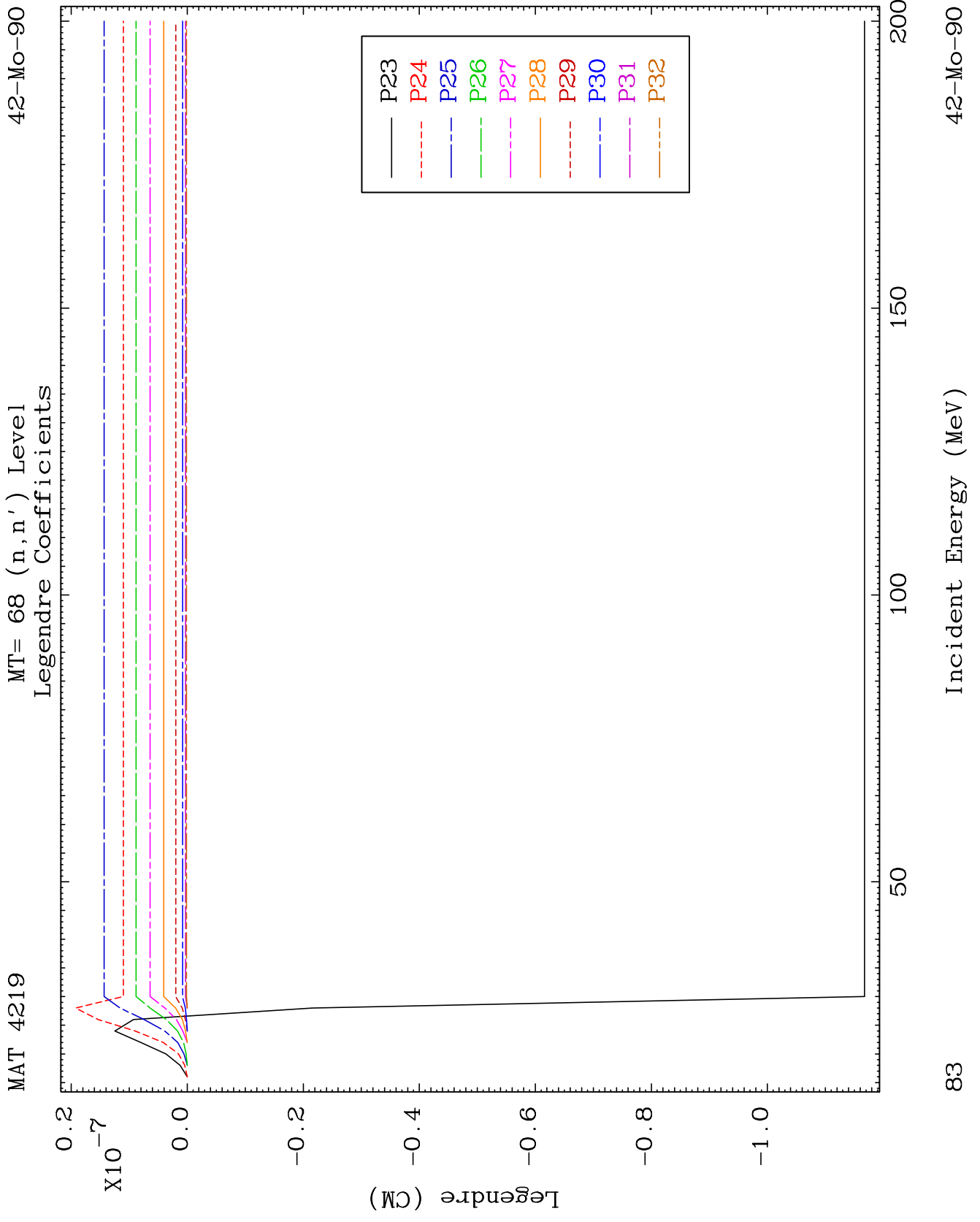


81

Incident Energy (MeV)

42-Mo-90

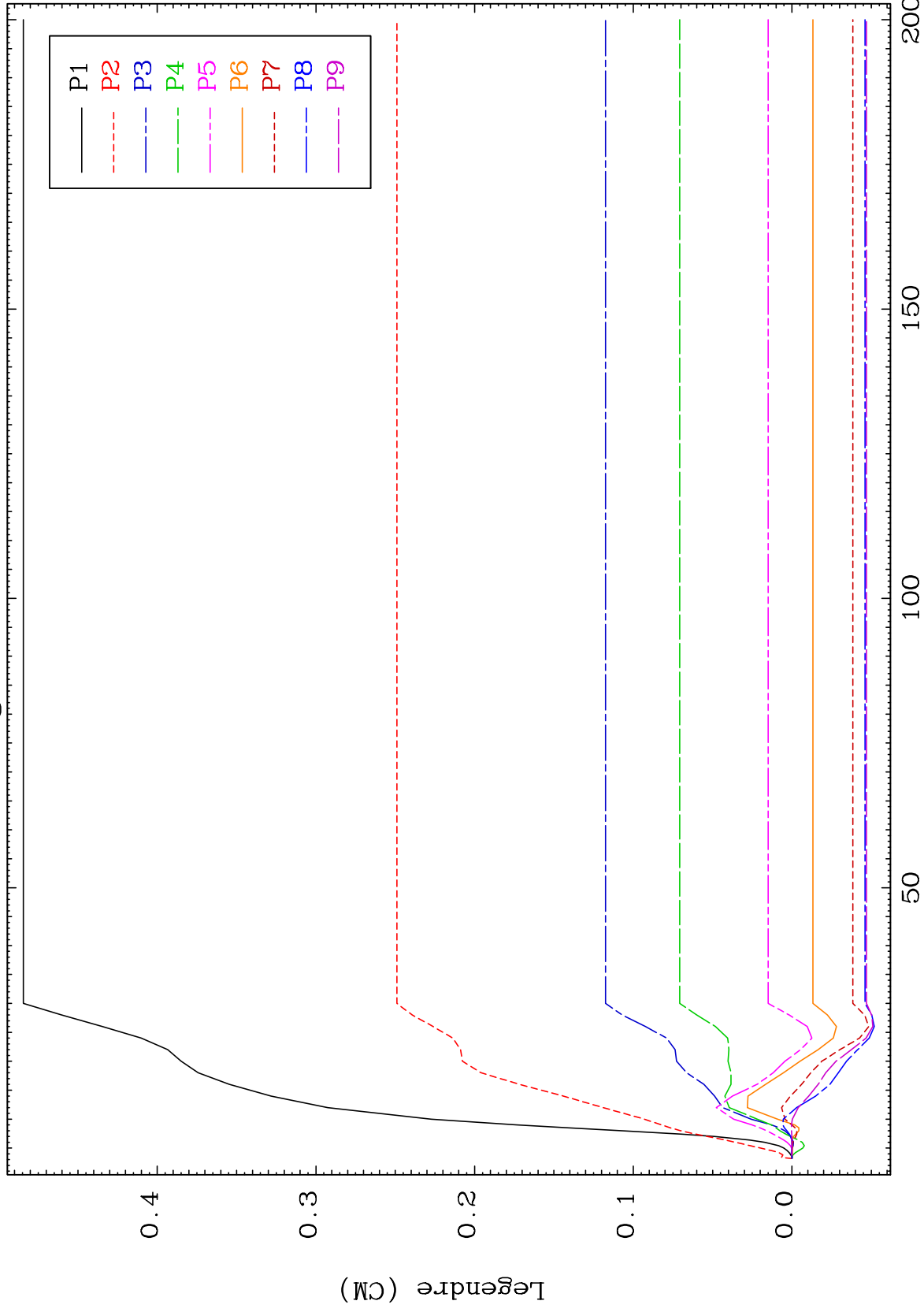




MAT 4219

MT= 69 (n,n') Level  
Legendre Coefficients

42-Mo-90



84

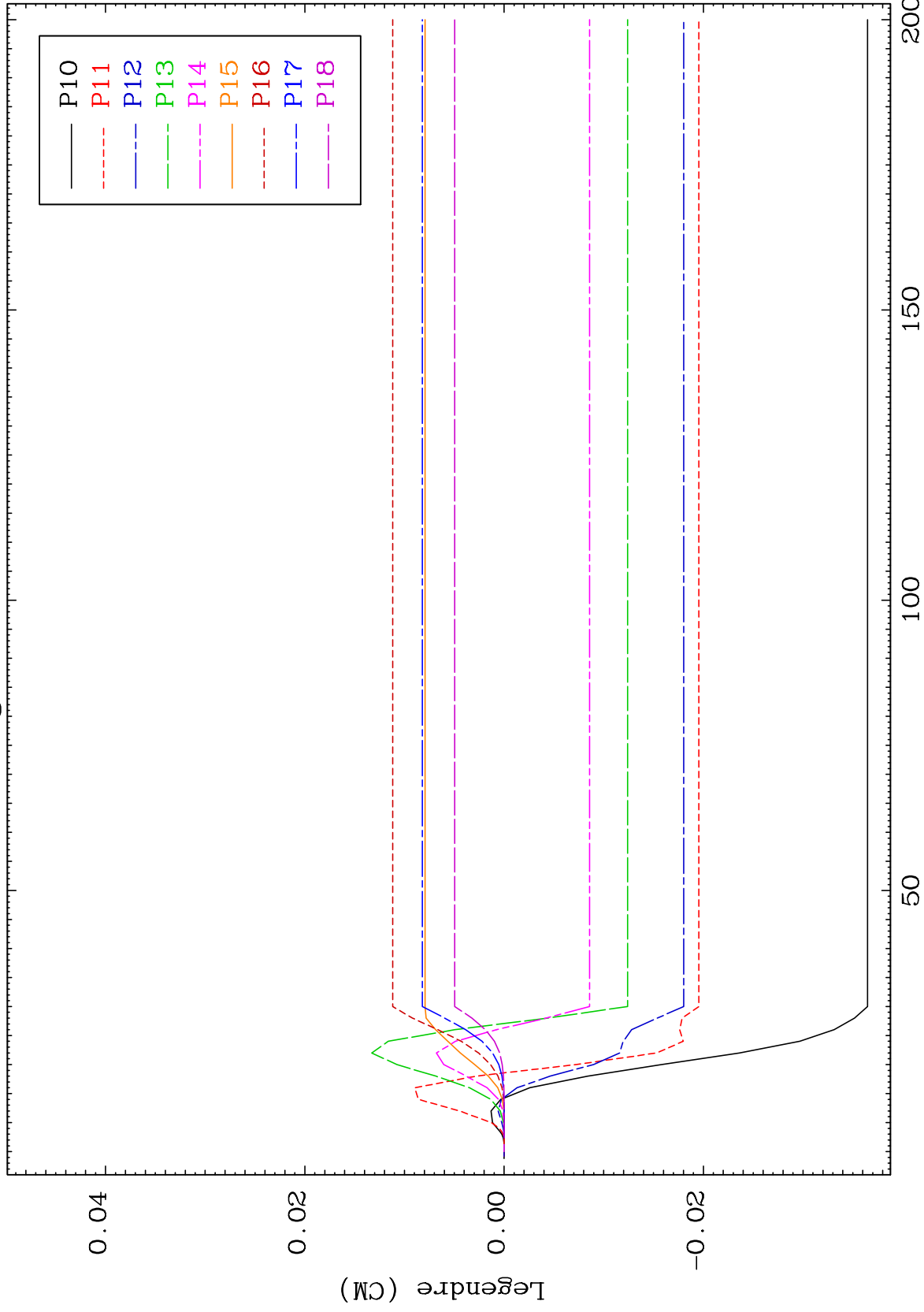
Incident Energy (MeV)

42-Mo-90

MAT 4219

MT= 69 (n,n') Level  
Legendre Coefficients

42-Mo-90



85

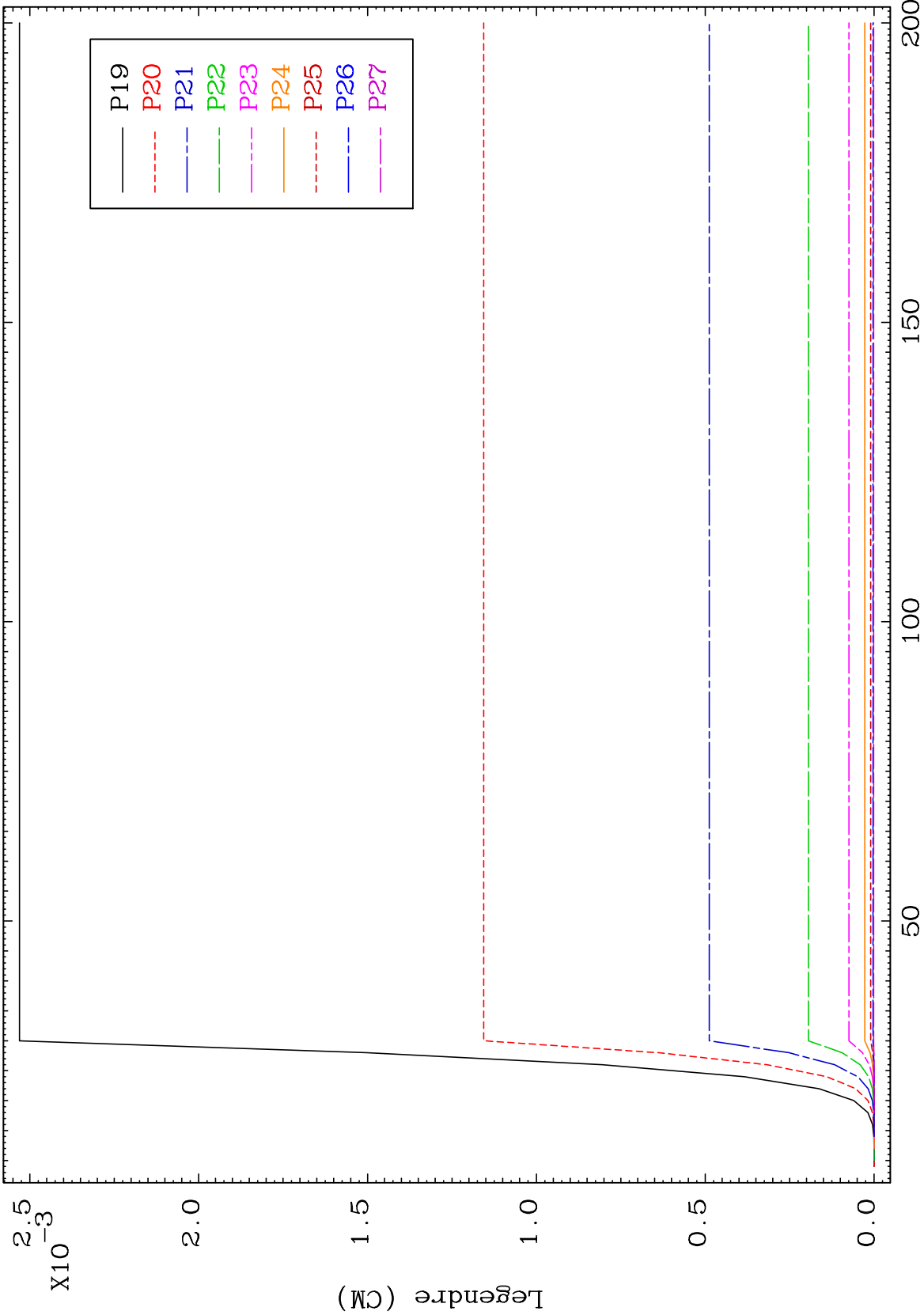
Incident Energy (MeV)

42-Mo-90

MAT 4219

MT= 69 (n,n') Level  
Legendre Coefficients

42-Mo-90



86

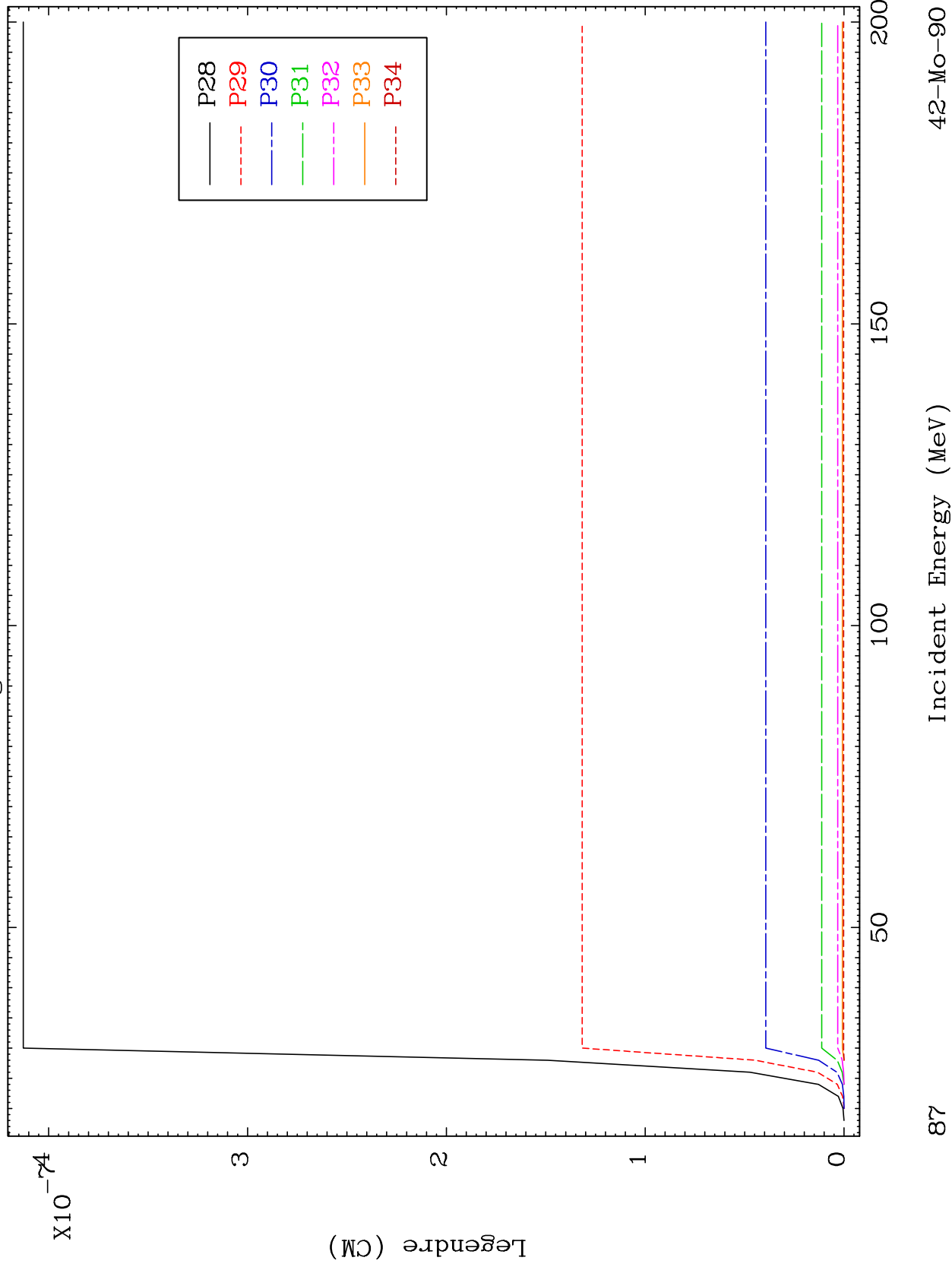
Incident Energy (MeV)

42-Mo-90

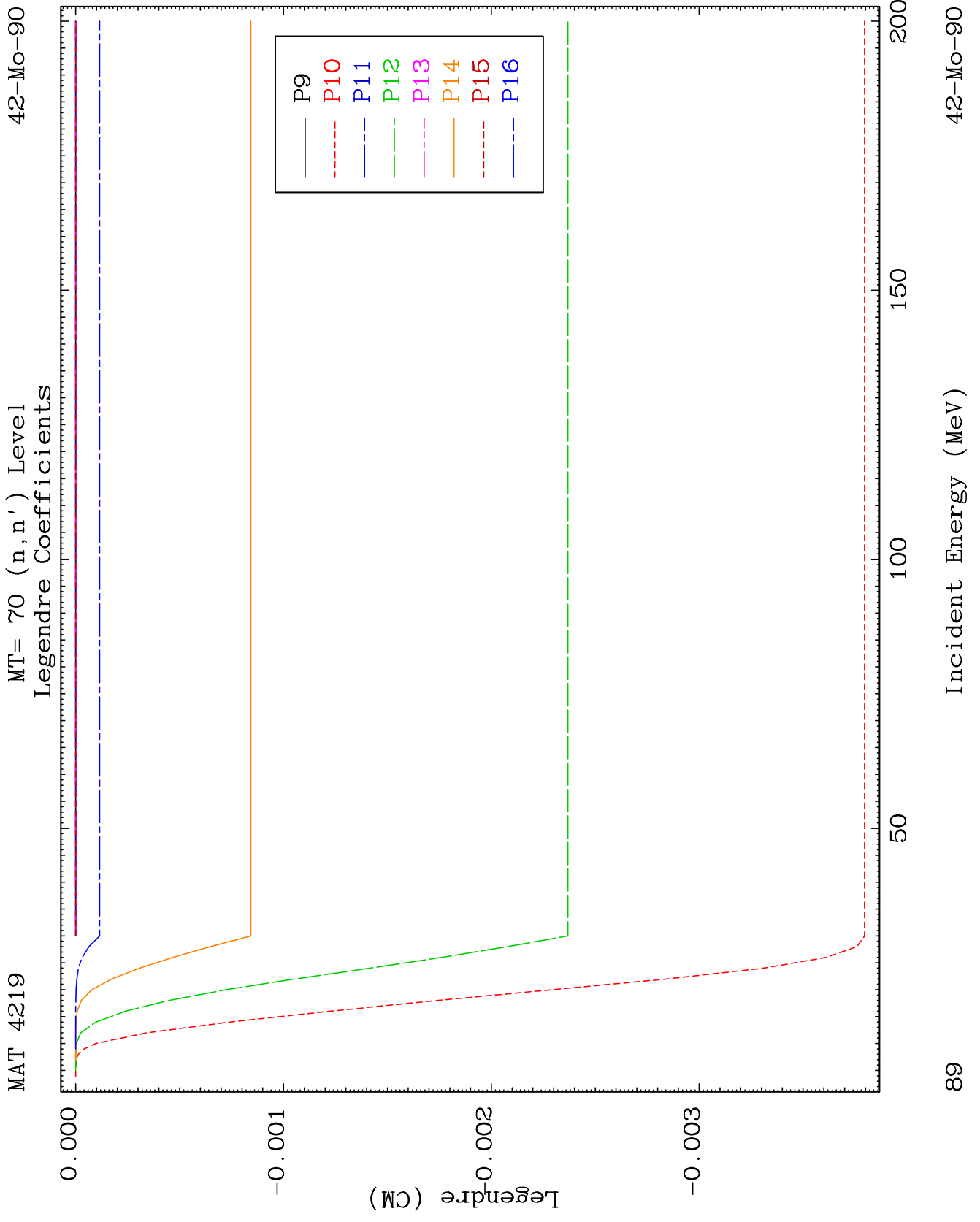
MAT 4219

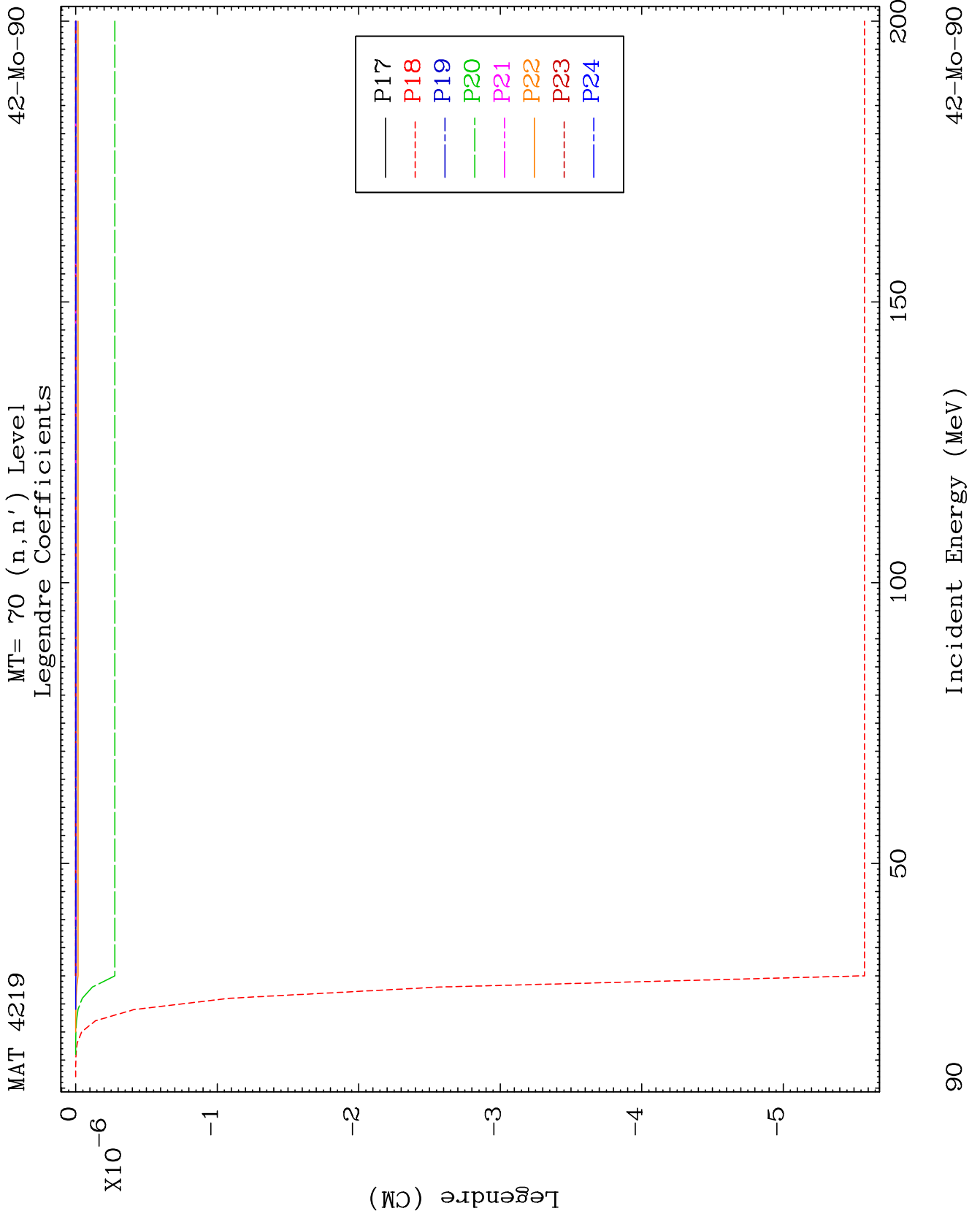
MT= 69 (n,n') Level  
Legendre Coefficients

42-Mo-90





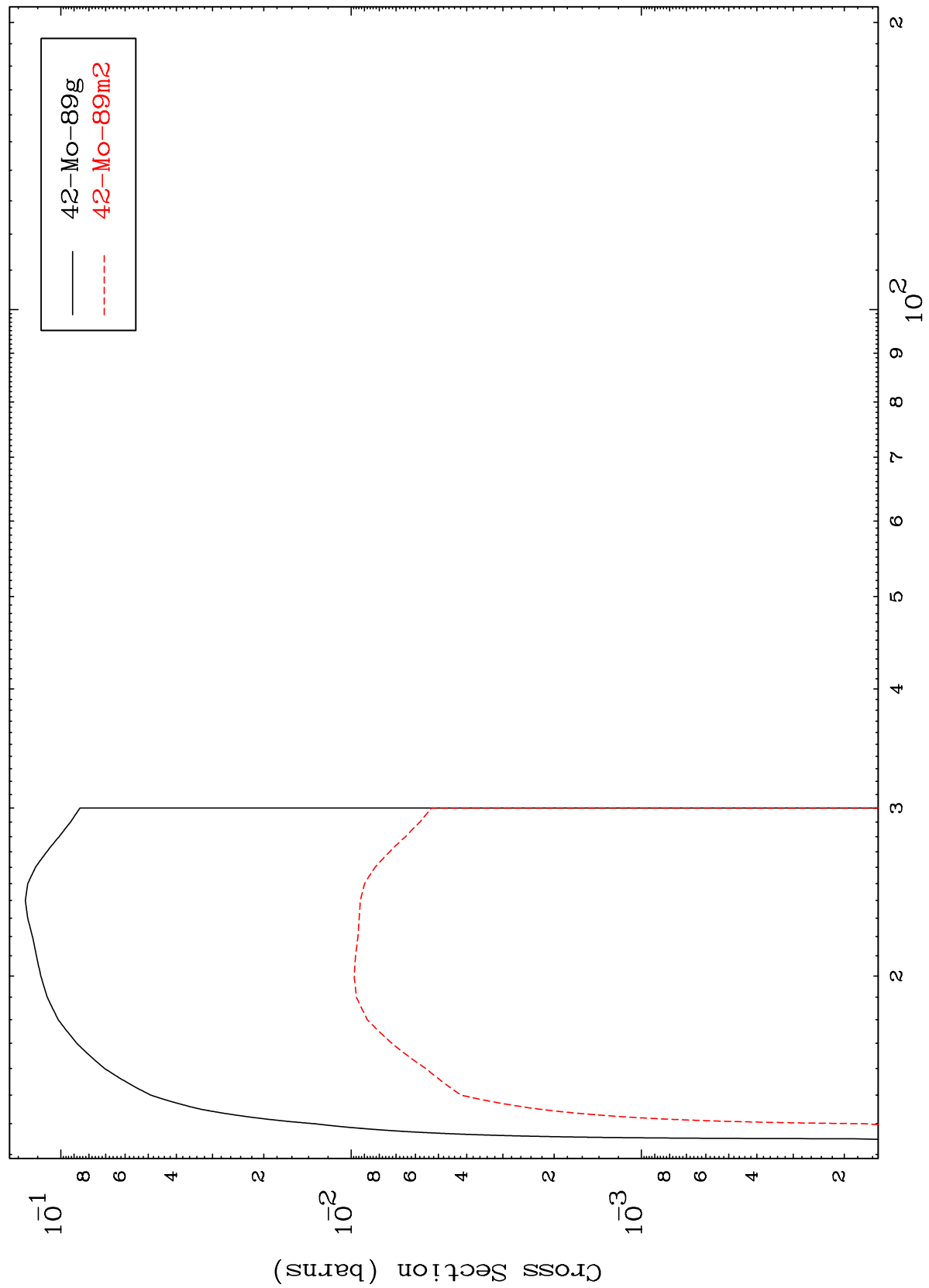




MAT 4219

42-Mo-90

(n,2n)  
Radionuclide Production Cross Section



91

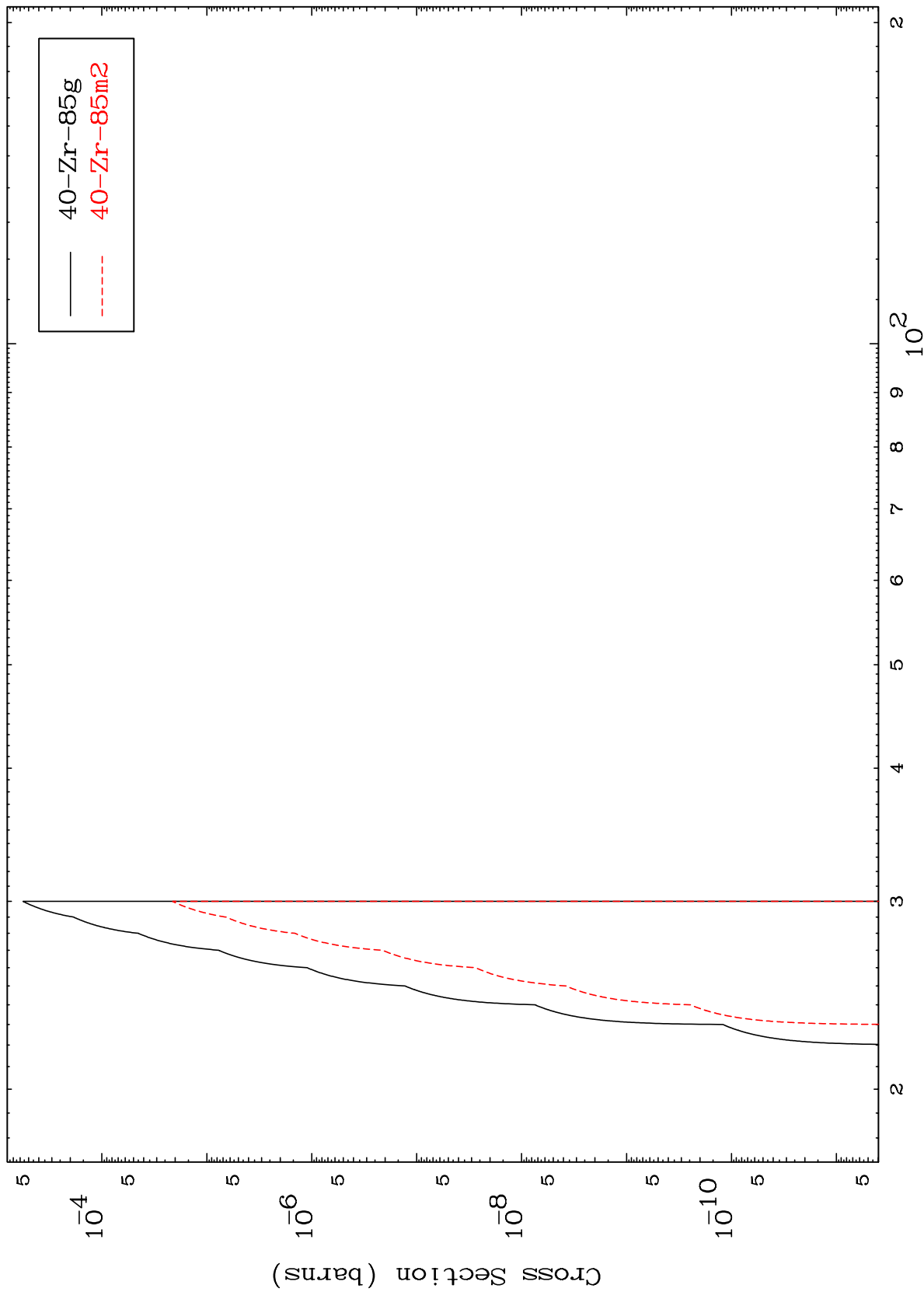
42-Mo-90

MAT 4219

(n,2n)  $\alpha$

42-Mo-90

Radionuclide Production Cross Section



92

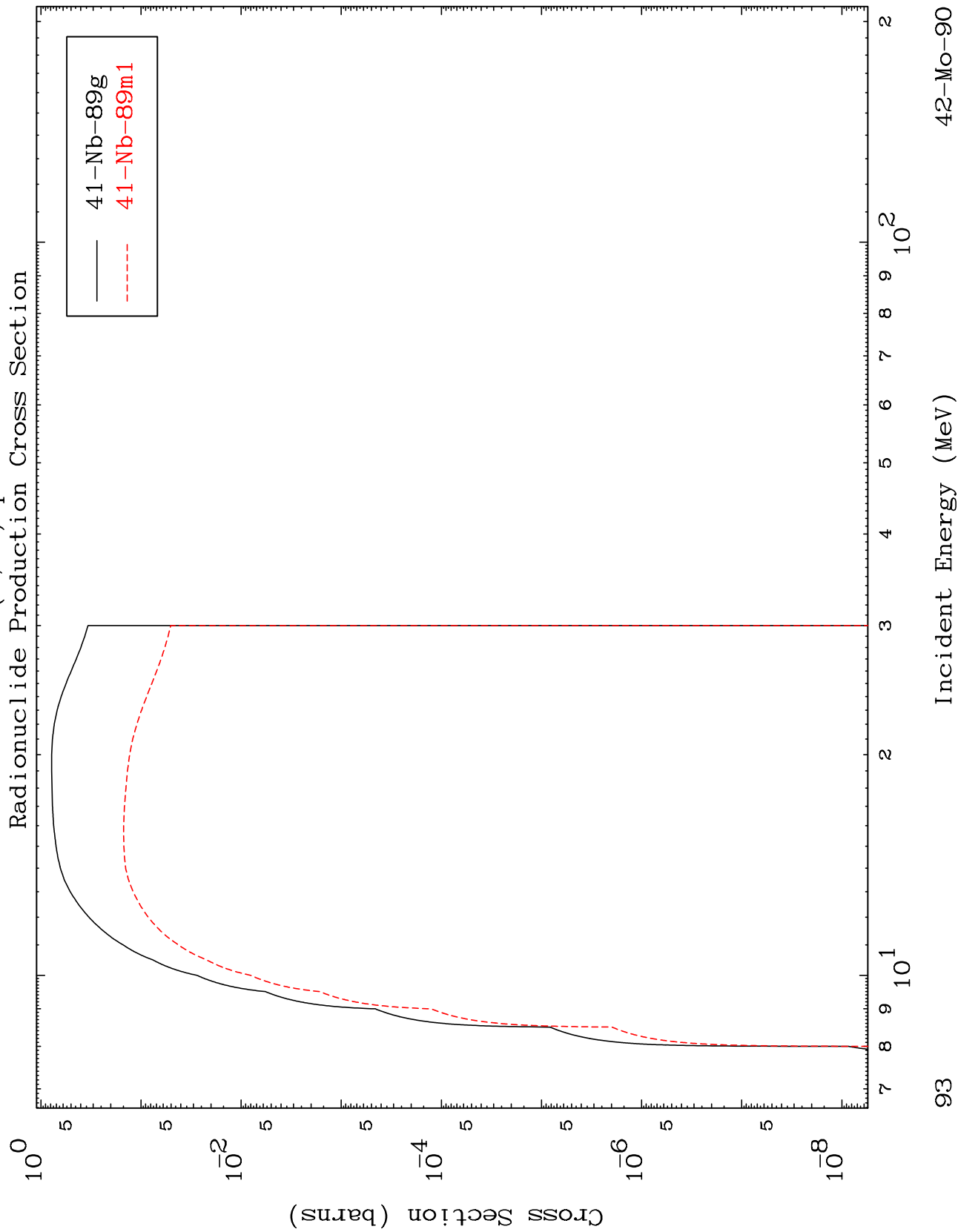
Incident Energy (MeV)

42-Mo-90

MAT 4219

(n,n') p

42-Mo-90

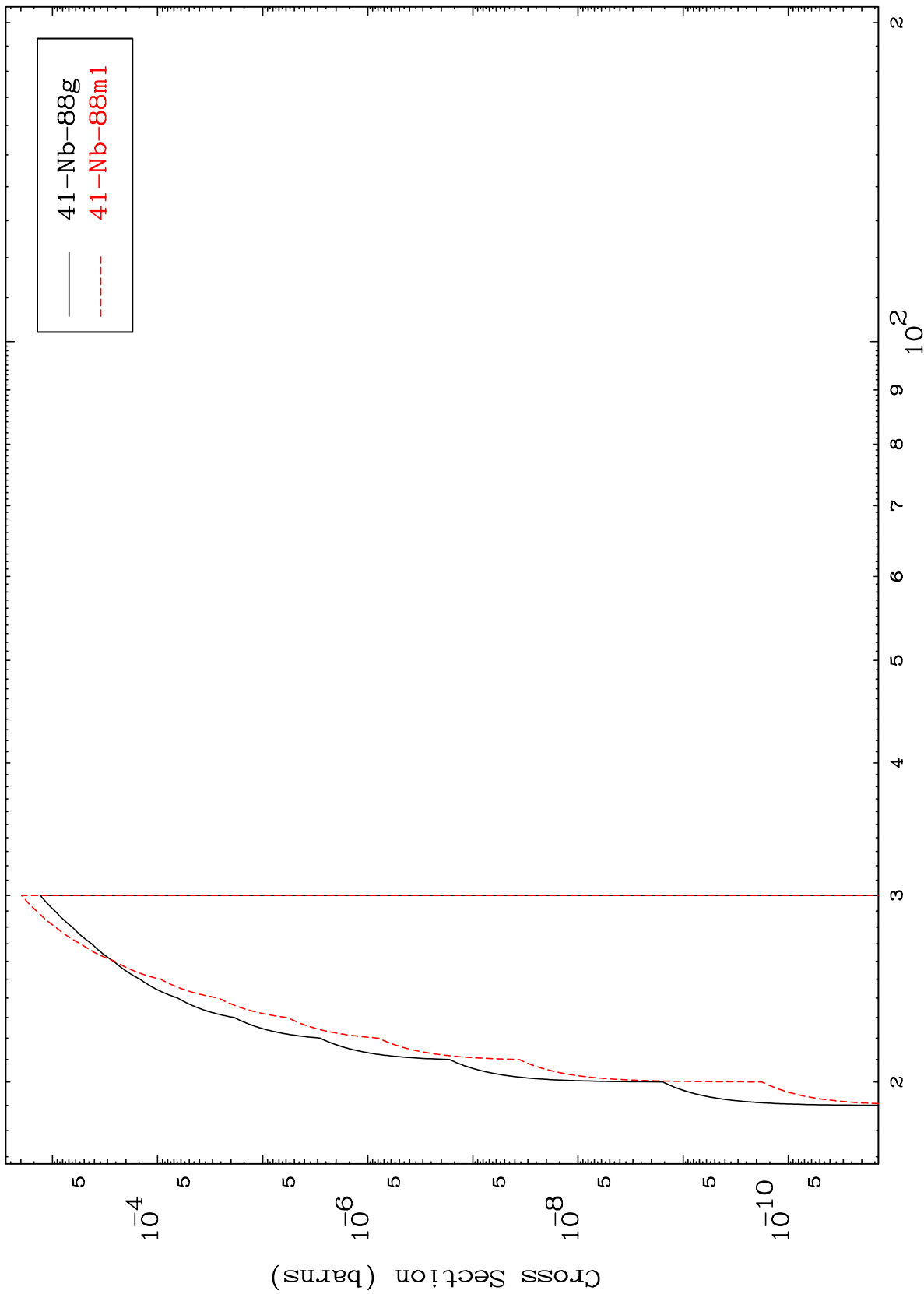


93

Incident Energy (MeV)

42-Mo-90

(n,n') d  
Radionuclide Production Cross Section

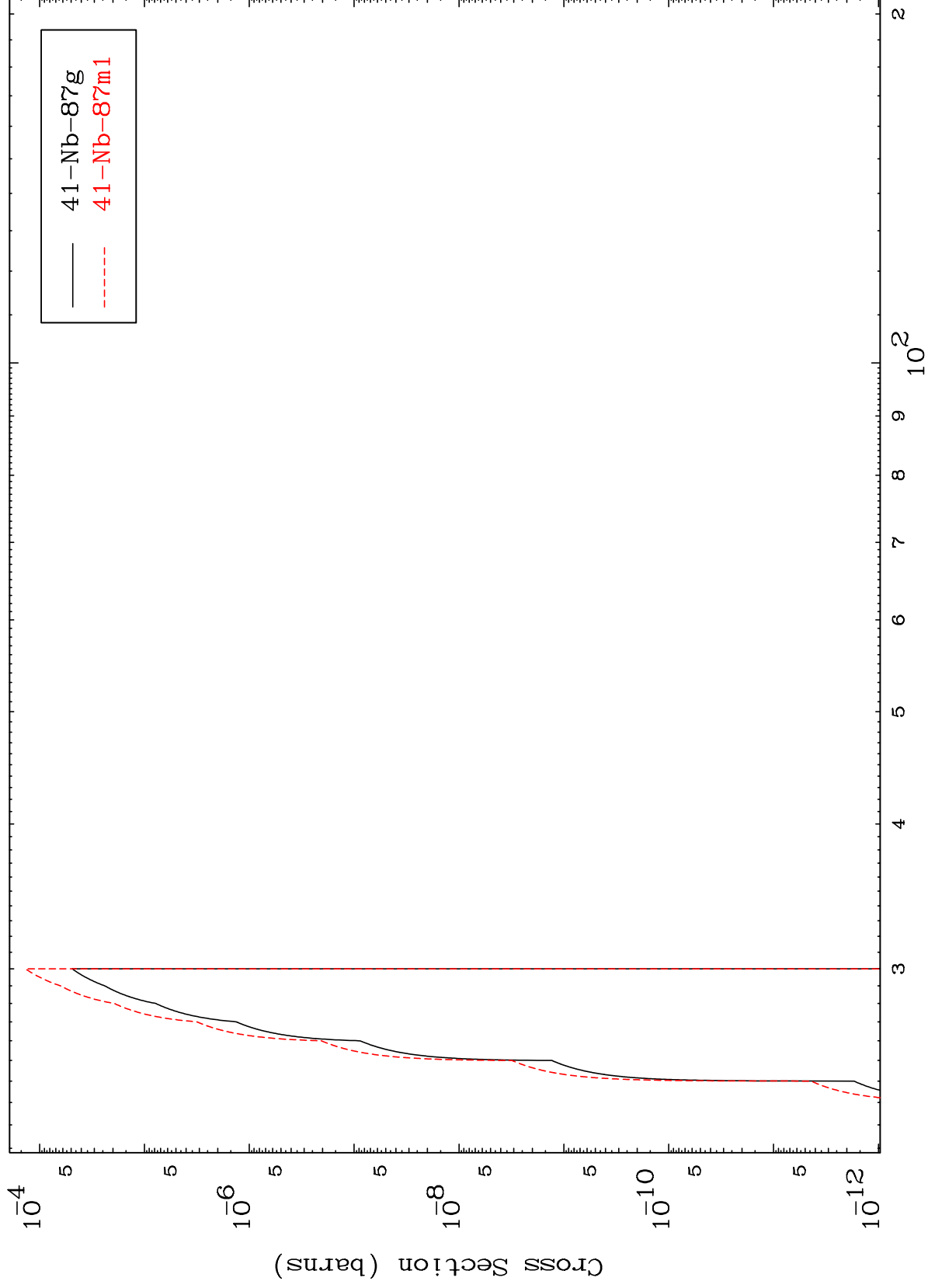


MAT 4219

(n,n') t

42-Mo-90

Radionuclide Production Cross Section

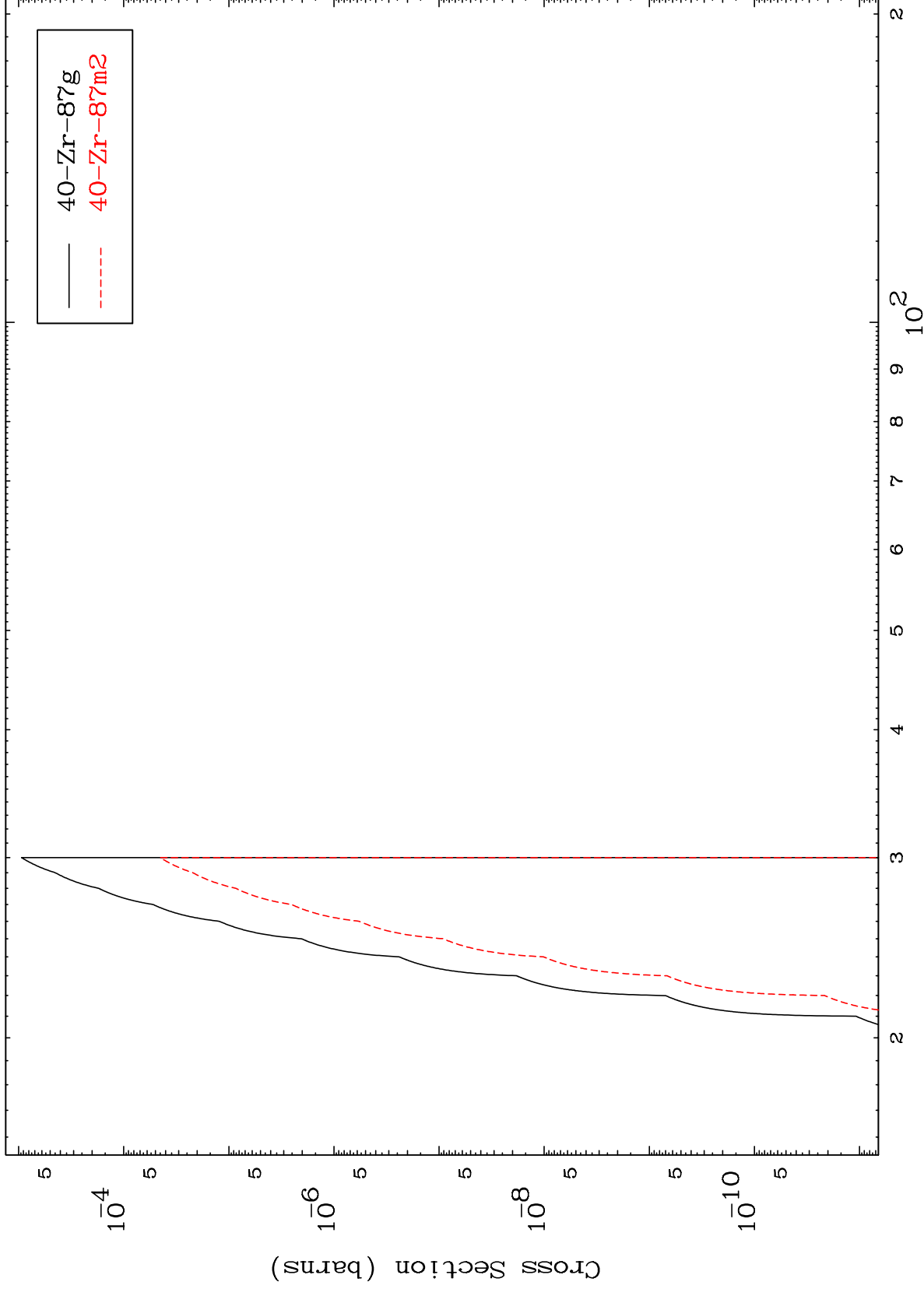


95

Incident Energy (MeV)

42-Mo-90

Radionuclide Production Cross Section

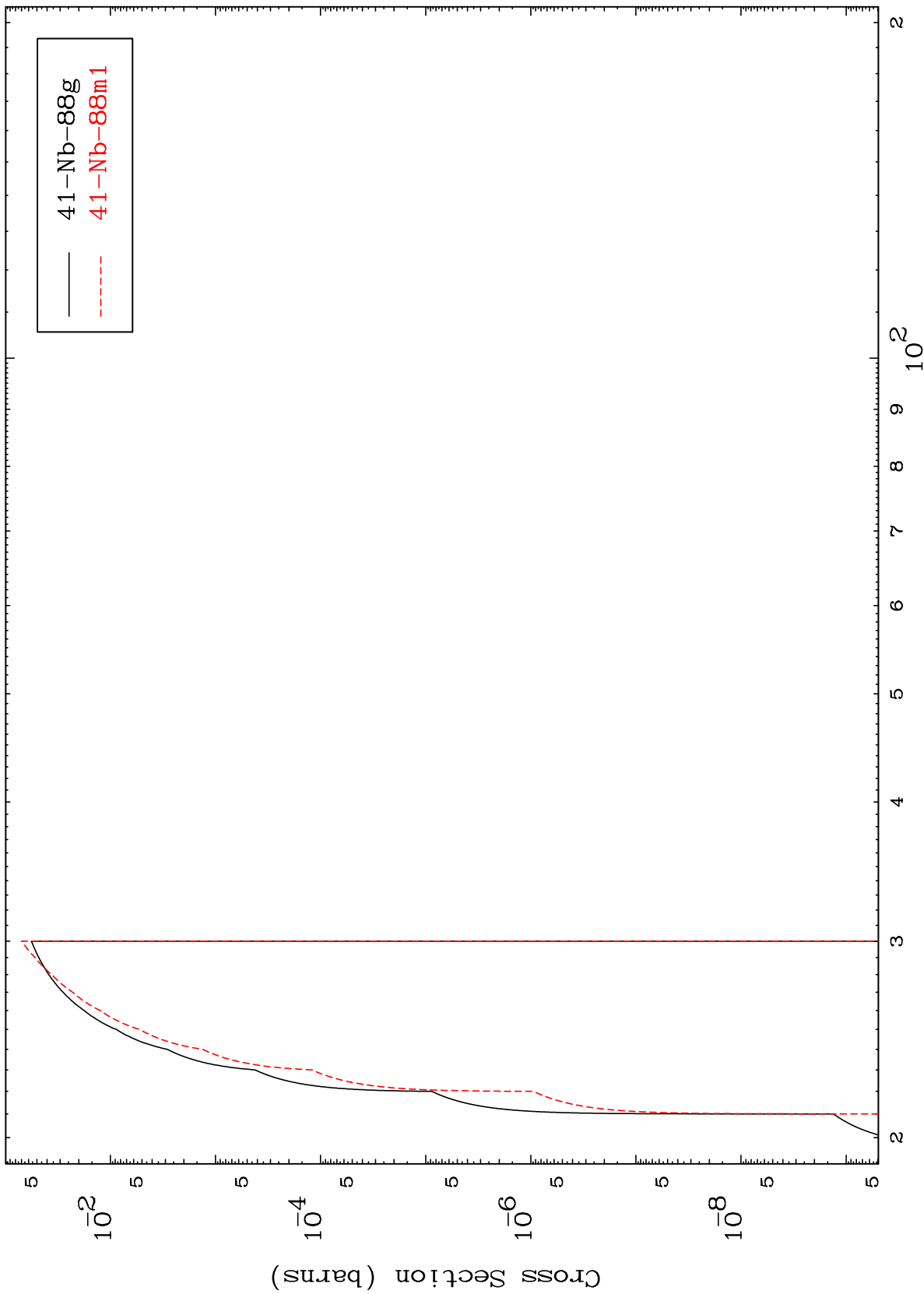


MAT 4219

(n,2n) p

42-Mo-90

Radionuclide Production Cross Section



97

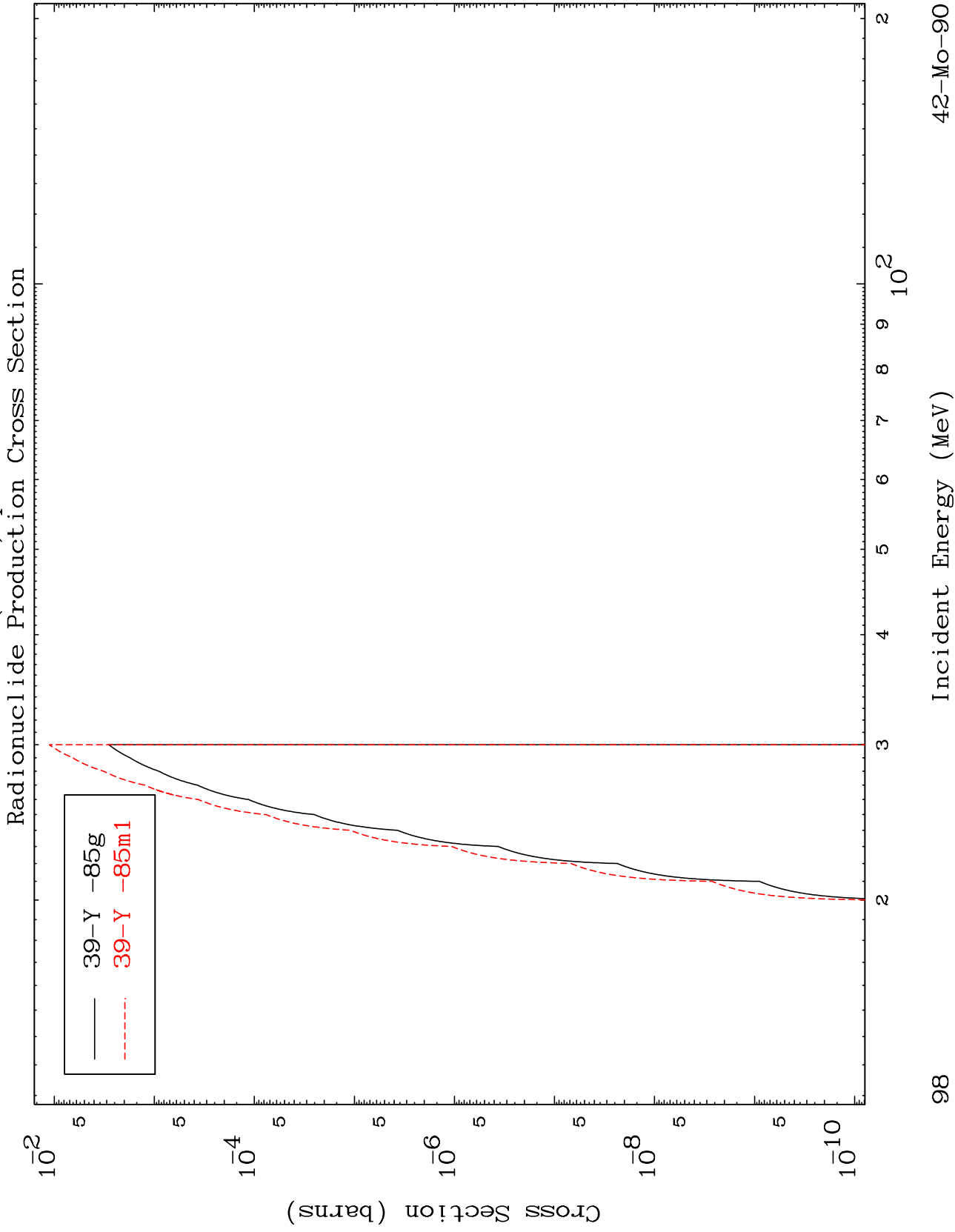
Incident Energy (MeV)

42-Mo-90

MAT 4219

(n,n') p  $\alpha$

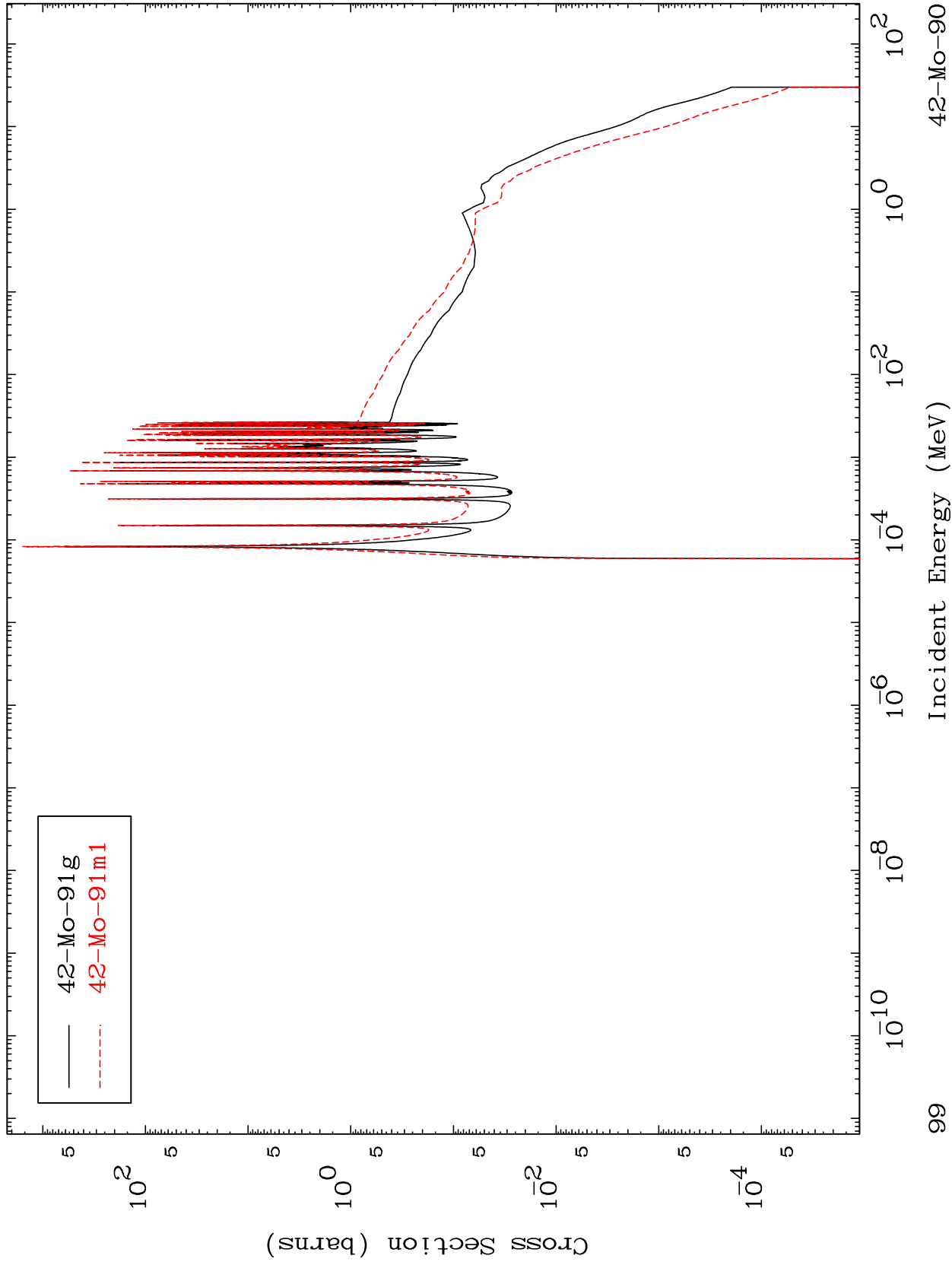
42-Mo-90



MAT 4219

42-Mo-90

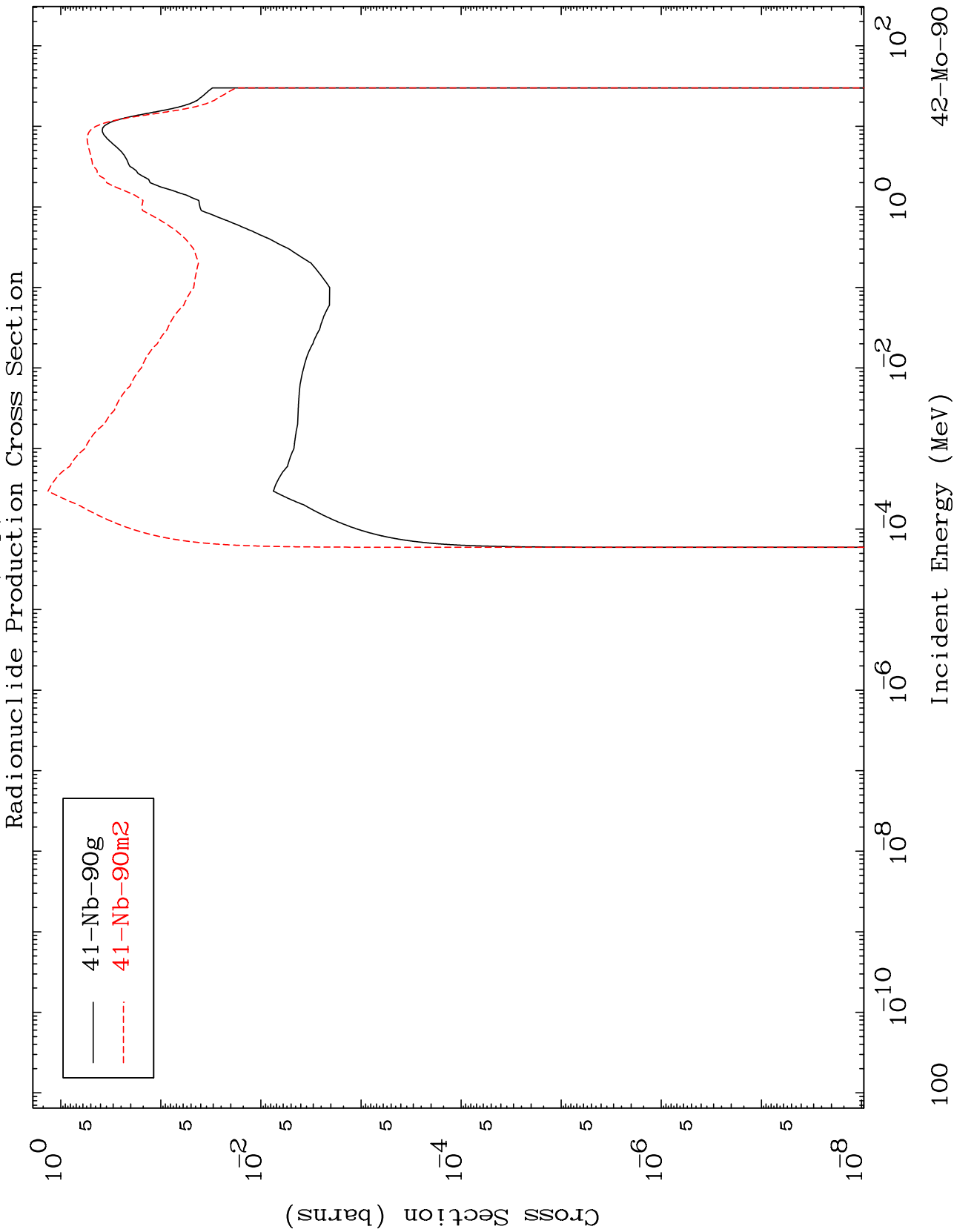
(n,  $\gamma$ )  
Radionuclide Production Cross Section



99

MAT 4219

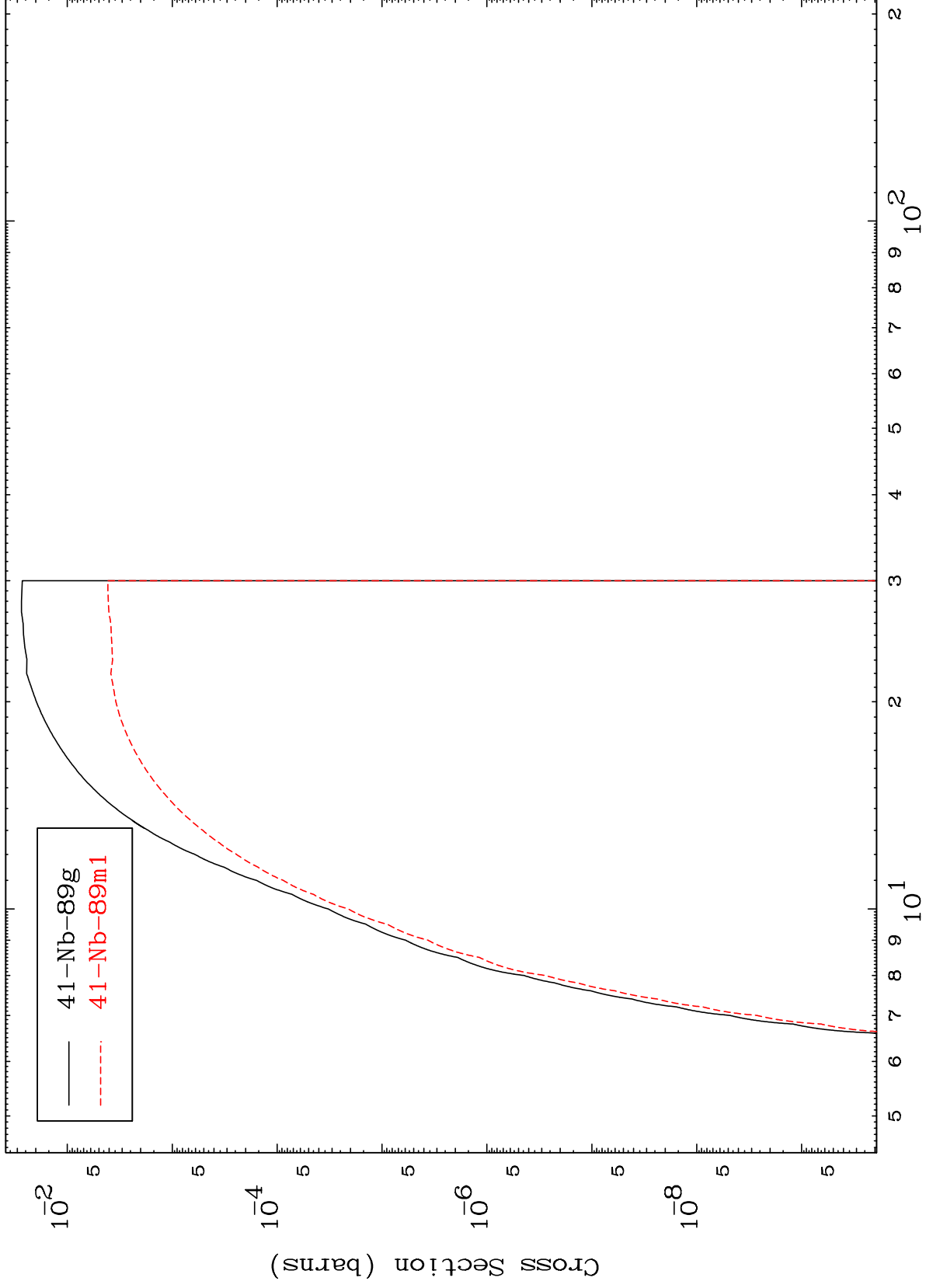
42-Mo-90



MAT 4219

42-Mo-90

(n,d)  
Radionuclide Production Cross Section



101

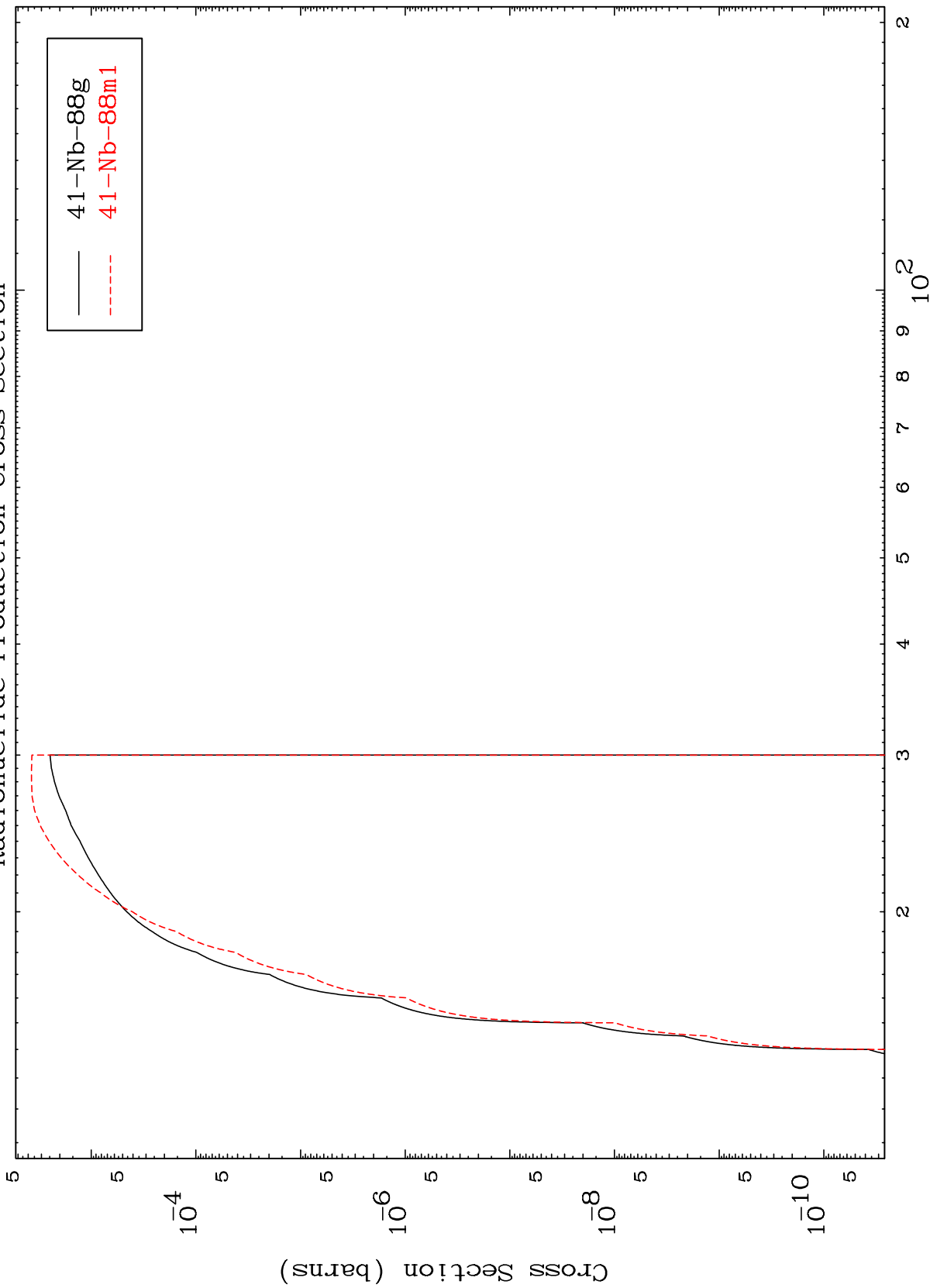
Incident Energy (MeV)

42-Mo-90

MAT 4219

42-Mo-90

(n, t)  
Radionuclide Production Cross Section



102

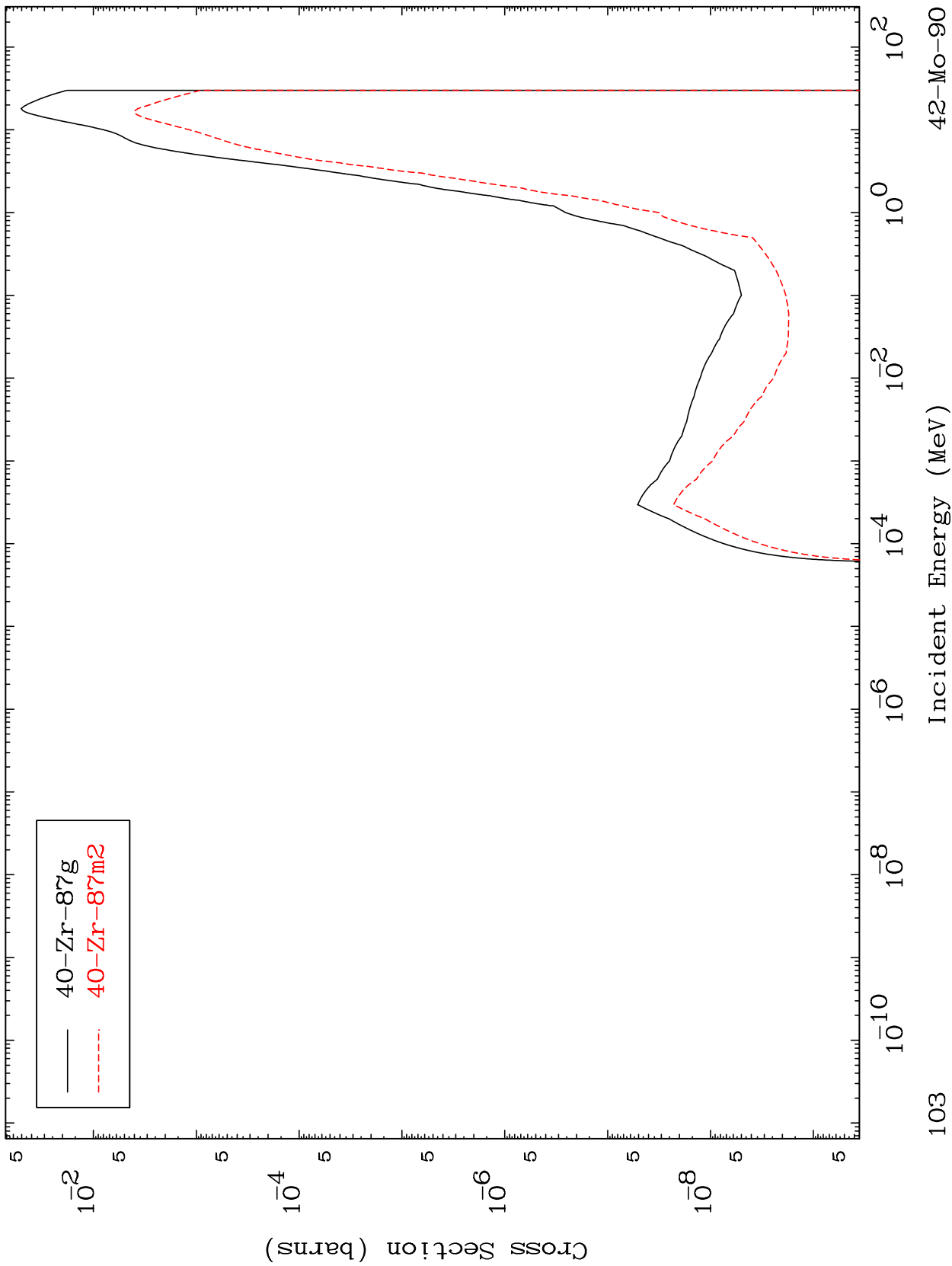
Incident Energy (MeV)

42-Mo-90

MAT 4219

42-Mo-90

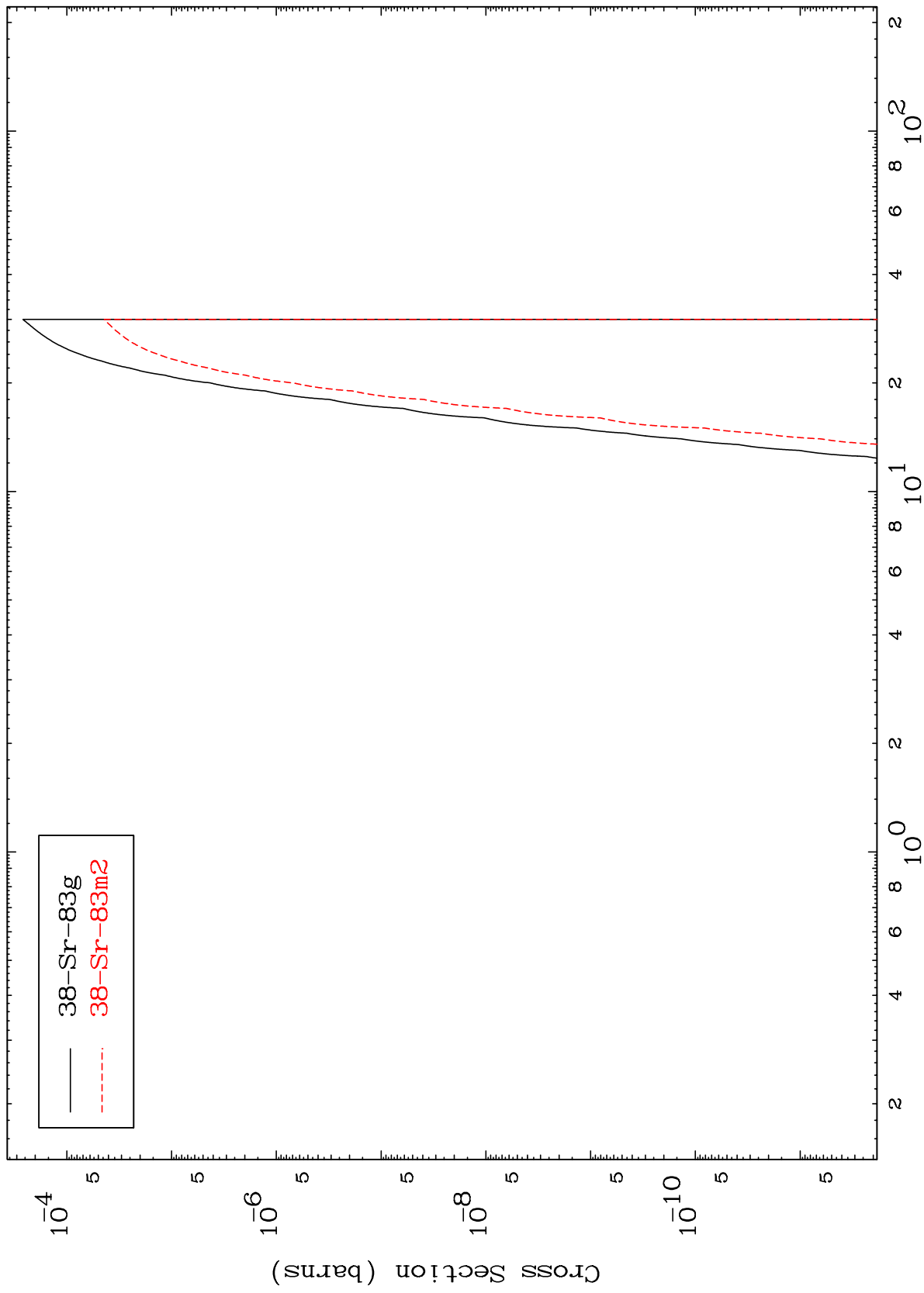
Radionuclide Production Cross Section  
(n,  $\alpha$ )



MAT 4219

42-Mo-90

Radionuclide Production Cross Section  
(n,2 $\alpha$ )



104

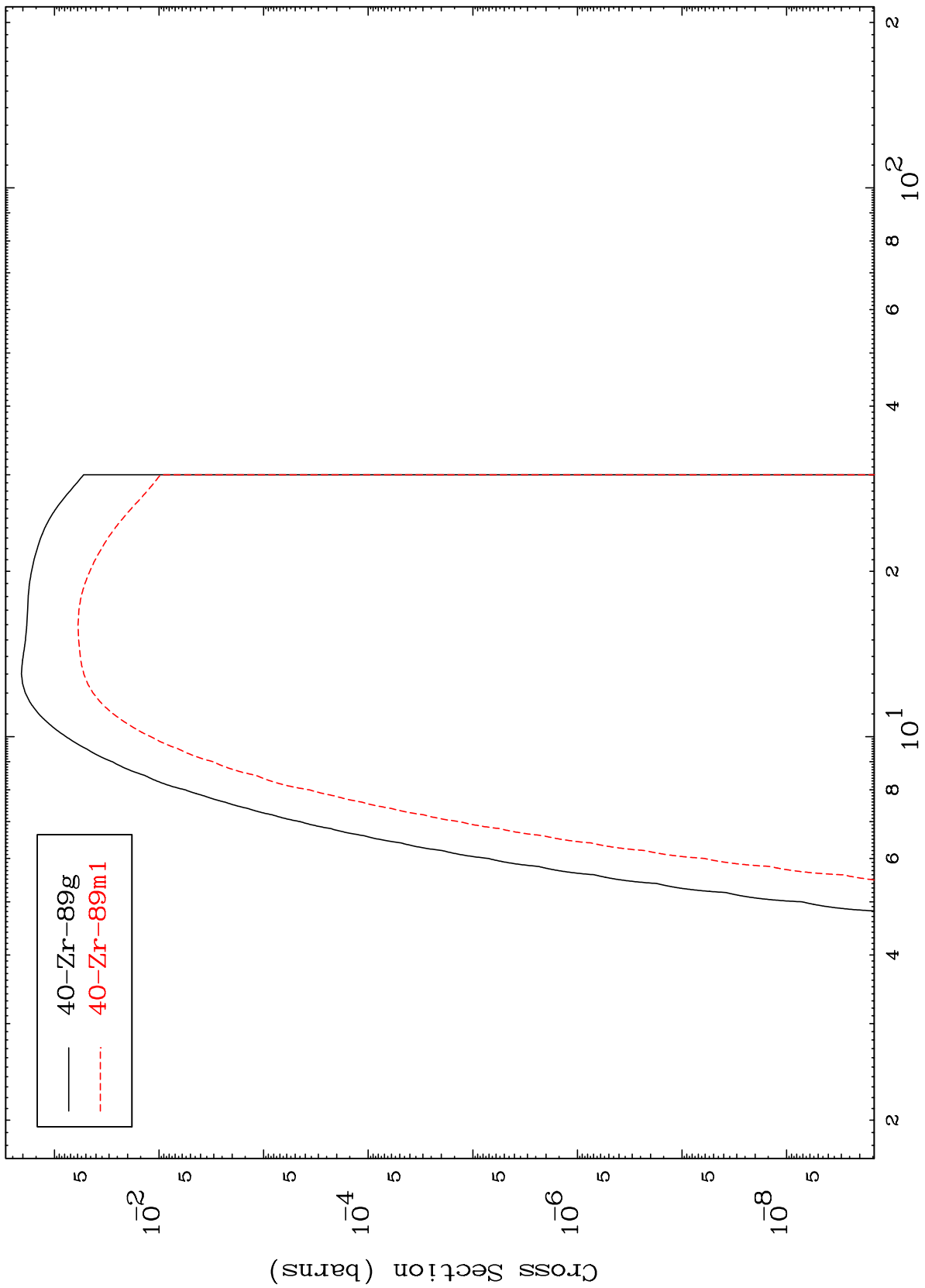
Incident Energy (MeV)

42-Mo-90

MAT 4219

42-Mo-90

(n,2p)  
Radionuclide Production Cross Section



105

Incident Energy (MeV)

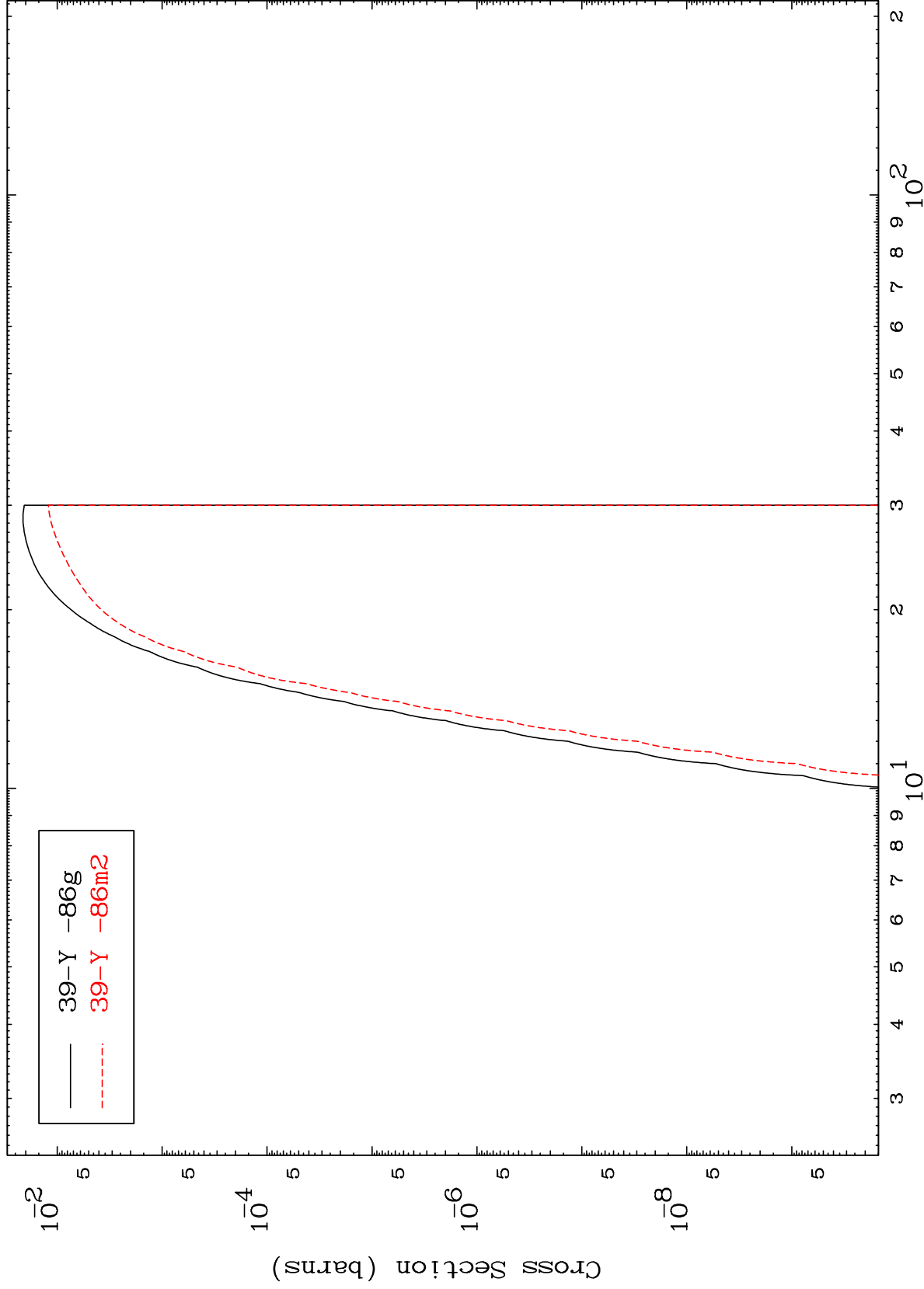
42-Mo-90

MAT 4219

(n,p)  $\alpha$

42-Mo-90

Radionuclide Production Cross Section



106

Incident Energy (MeV)

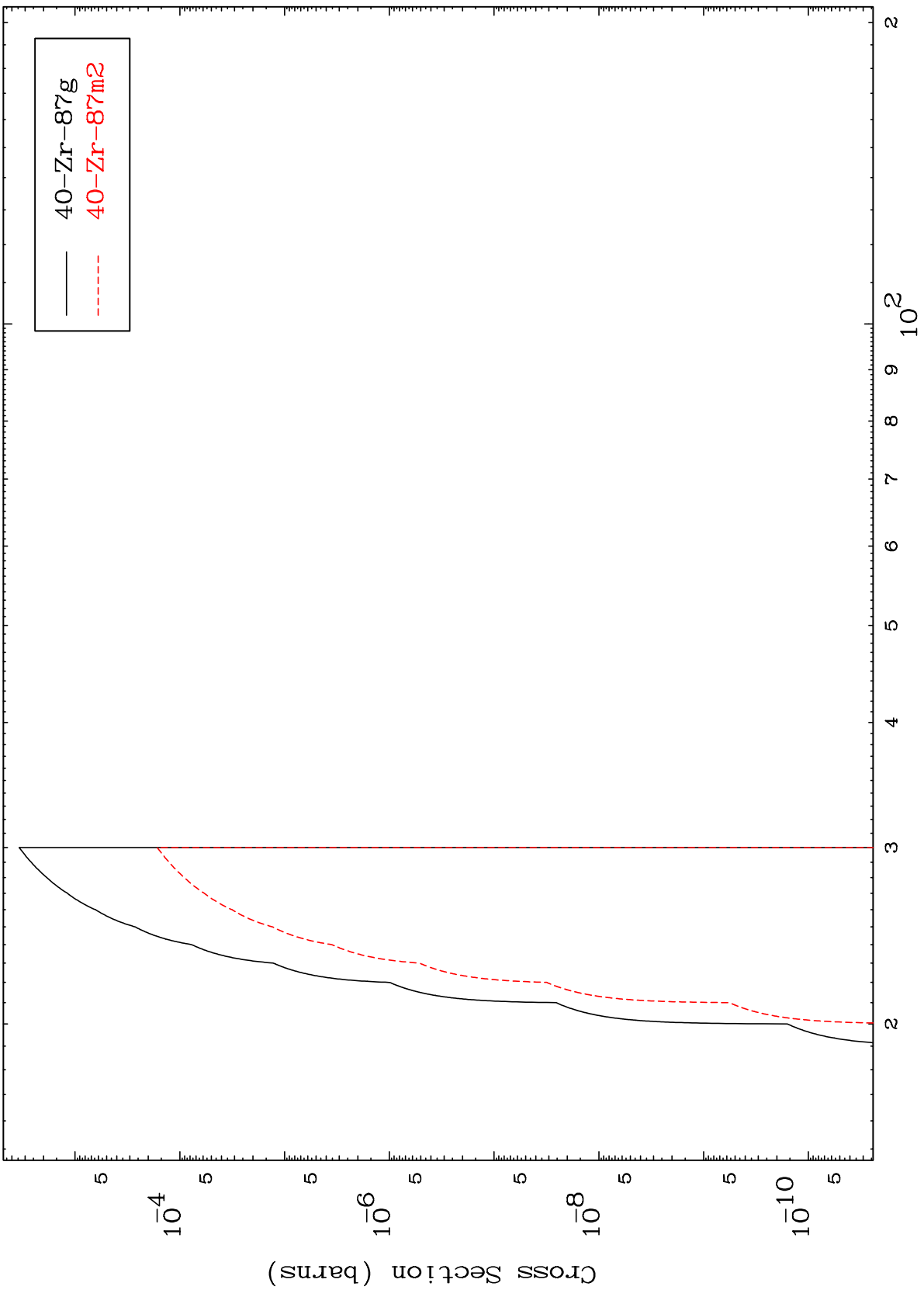
42-Mo-90

MAT 4219

(n,p) t

42-Mo-90

Radionuclide Production Cross Section



107

Incident Energy (MeV)

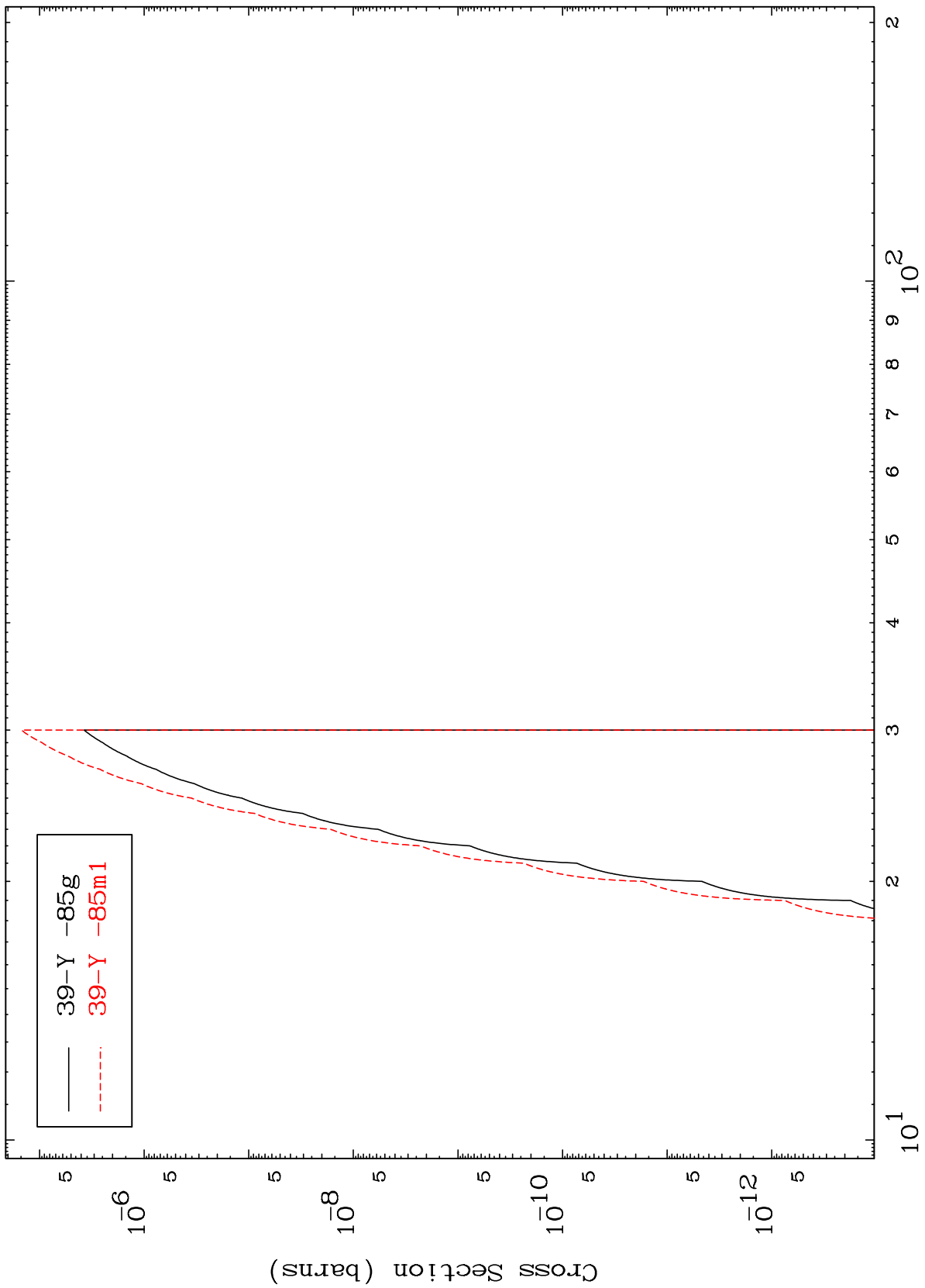
42-Mo-90

MAT 4219

(n,d)  $\alpha$

42-Mo-90

Radionuclide Production Cross Section



Incident Energy (MeV)

42-Mo-90

108