

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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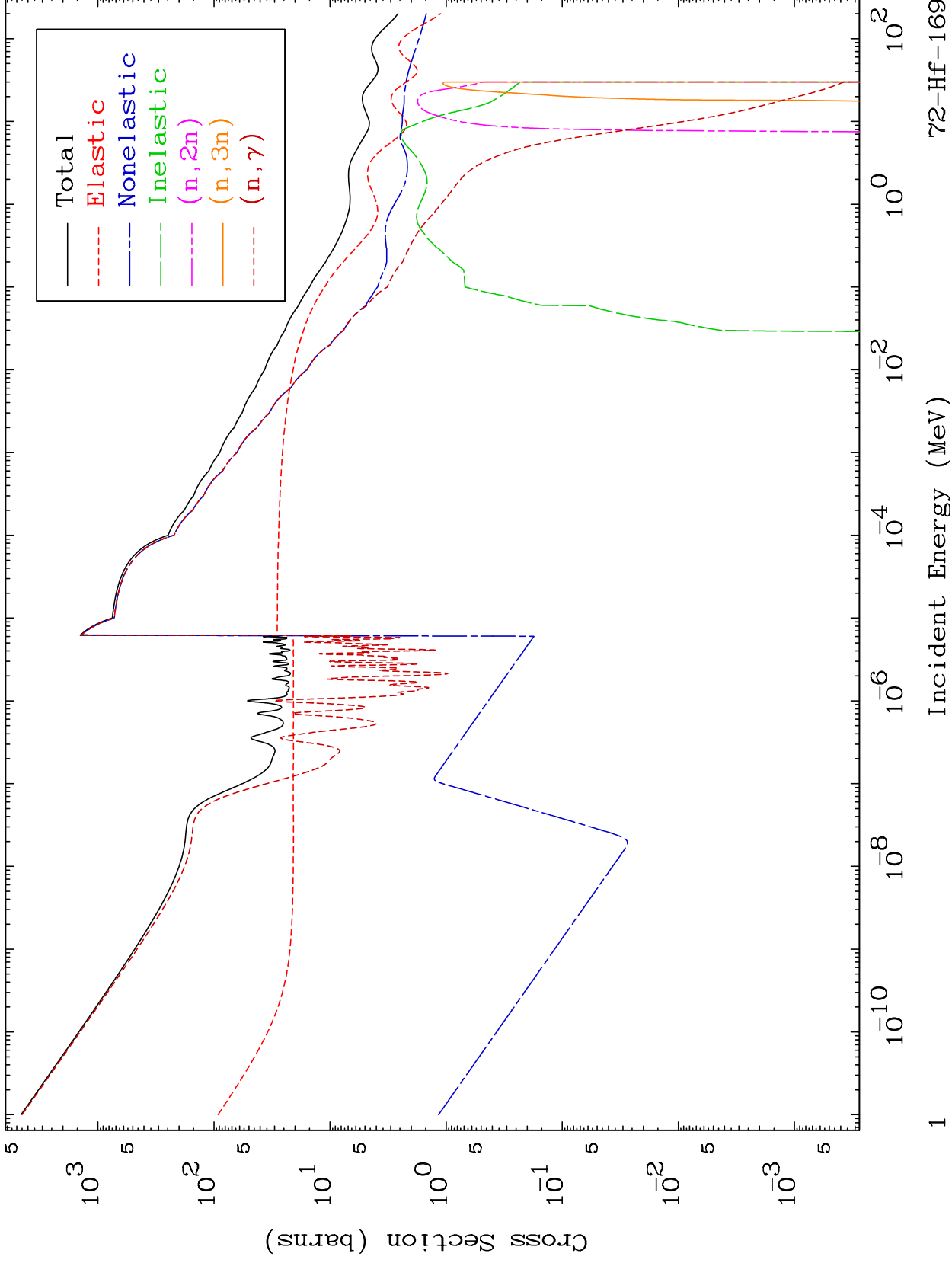
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7210

Neutron Major  
293 Kelvin Cross Sections

72-Hf-169



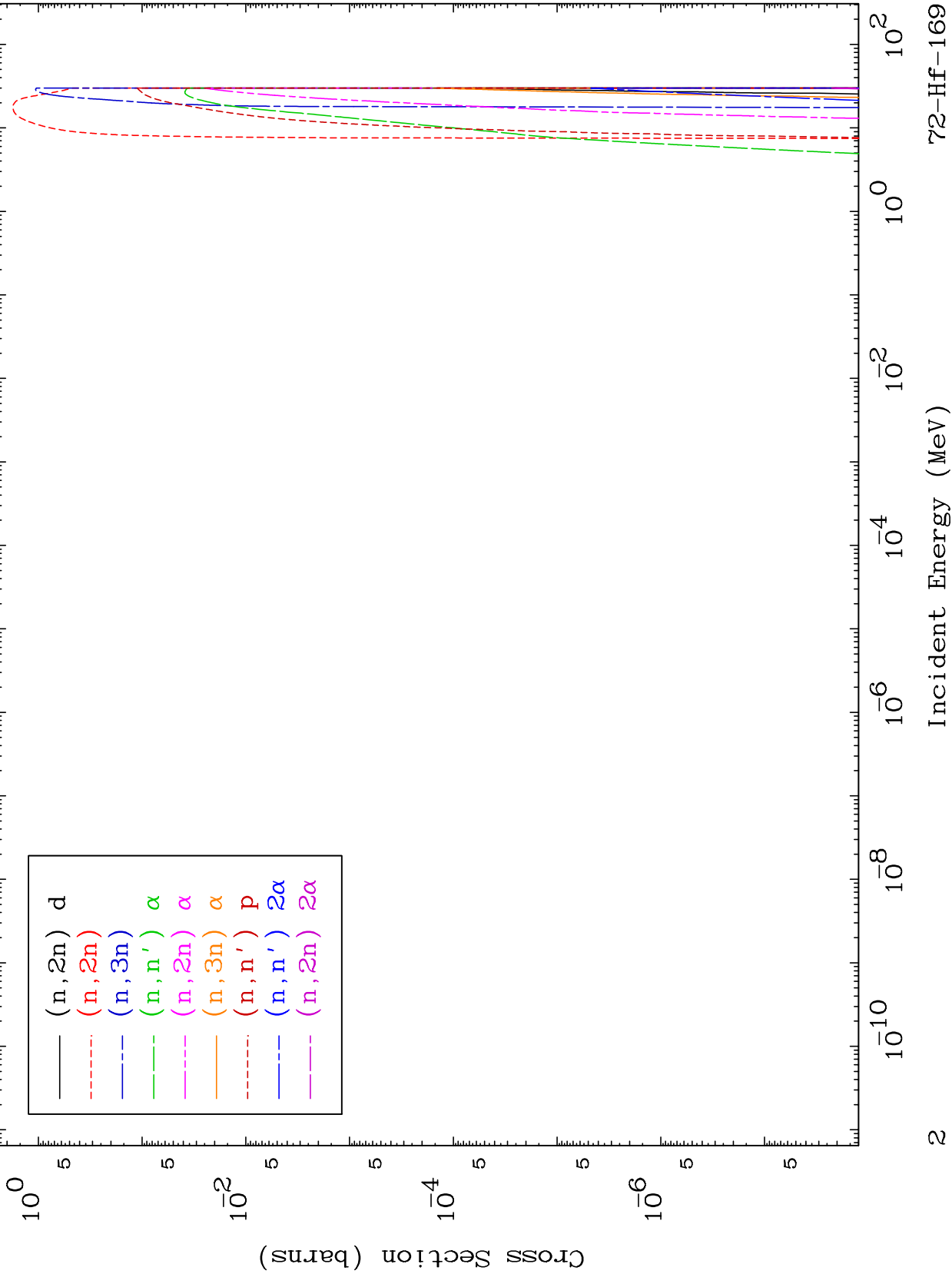
1

72-Hf-169

MAT 7210

Neutron Absorption  
293 Kelvin Cross Sections

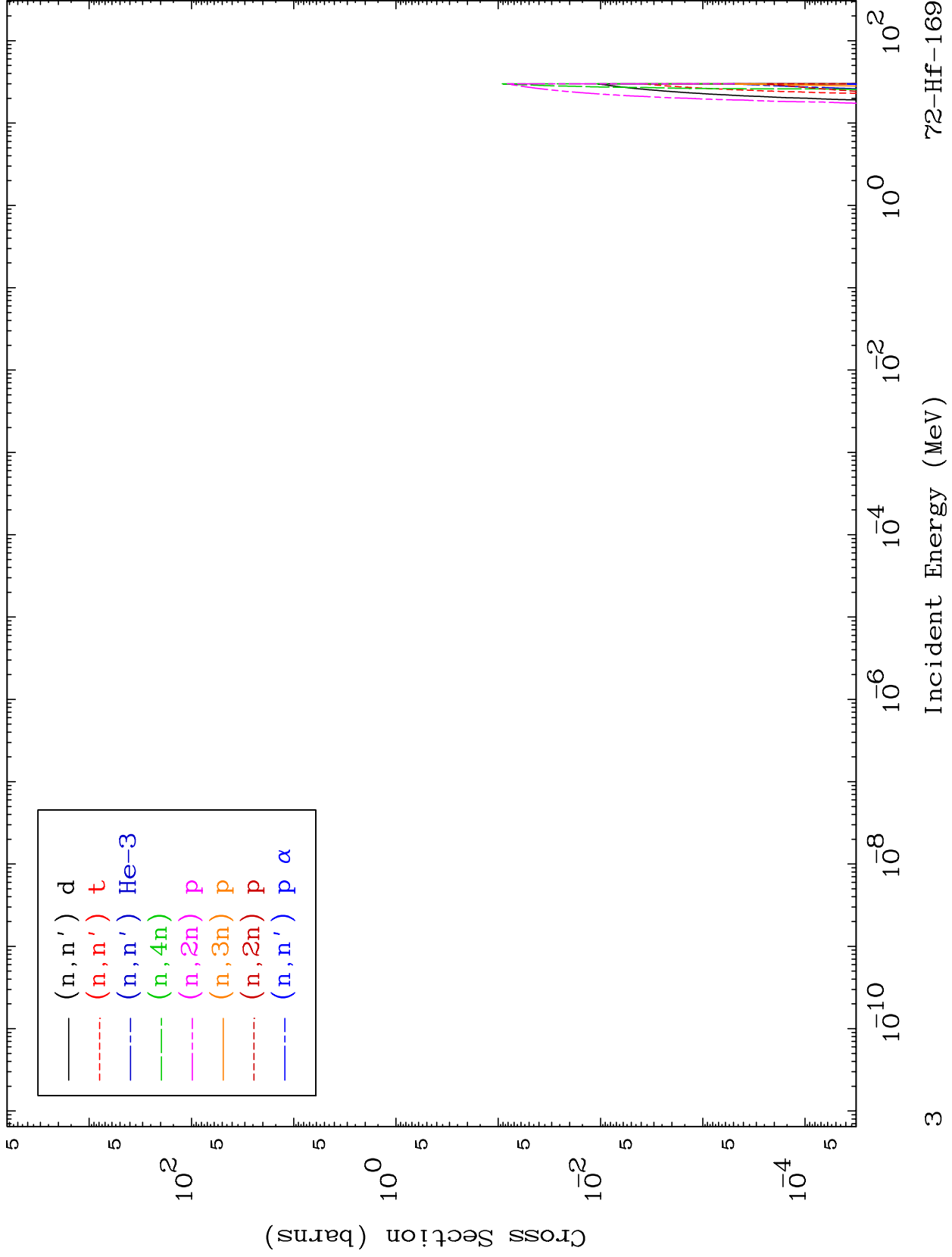
72-Hf-169

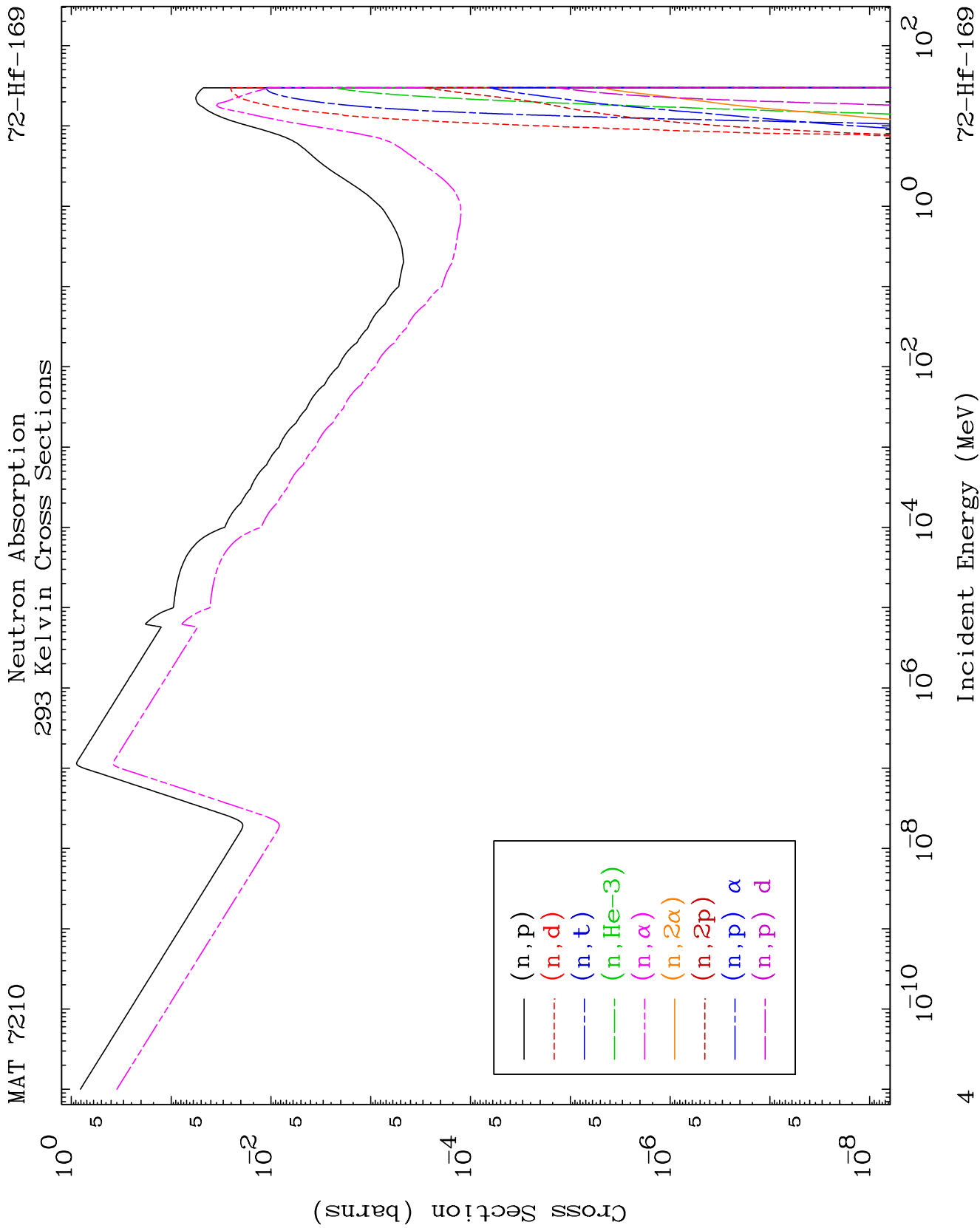


MAT 7210

Neutron Absorption  
293 Kelvin Cross Sections

72-Hf-169

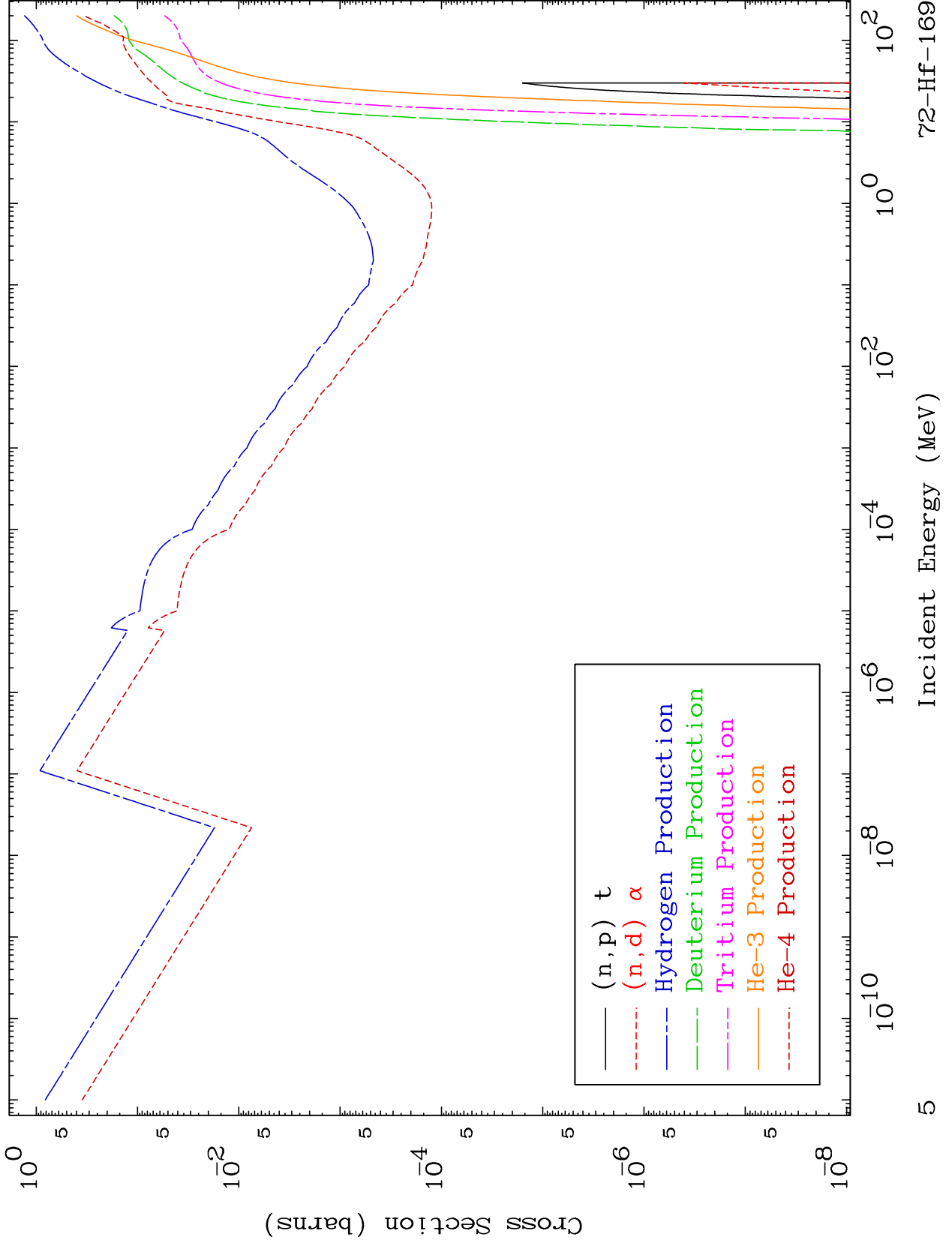




MAT 7210

Neutron Absorption  
293 Kelvin Cross Sections

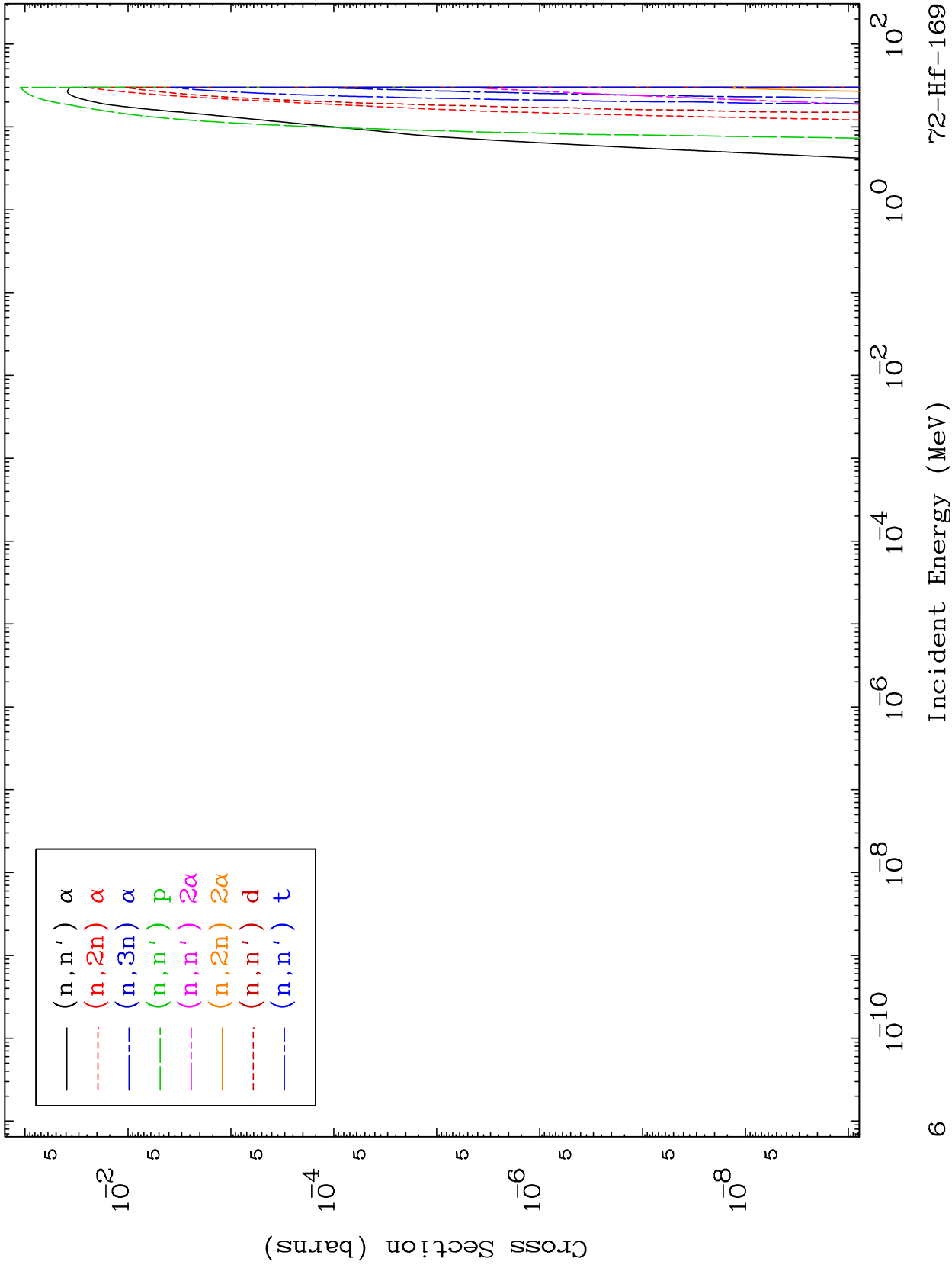
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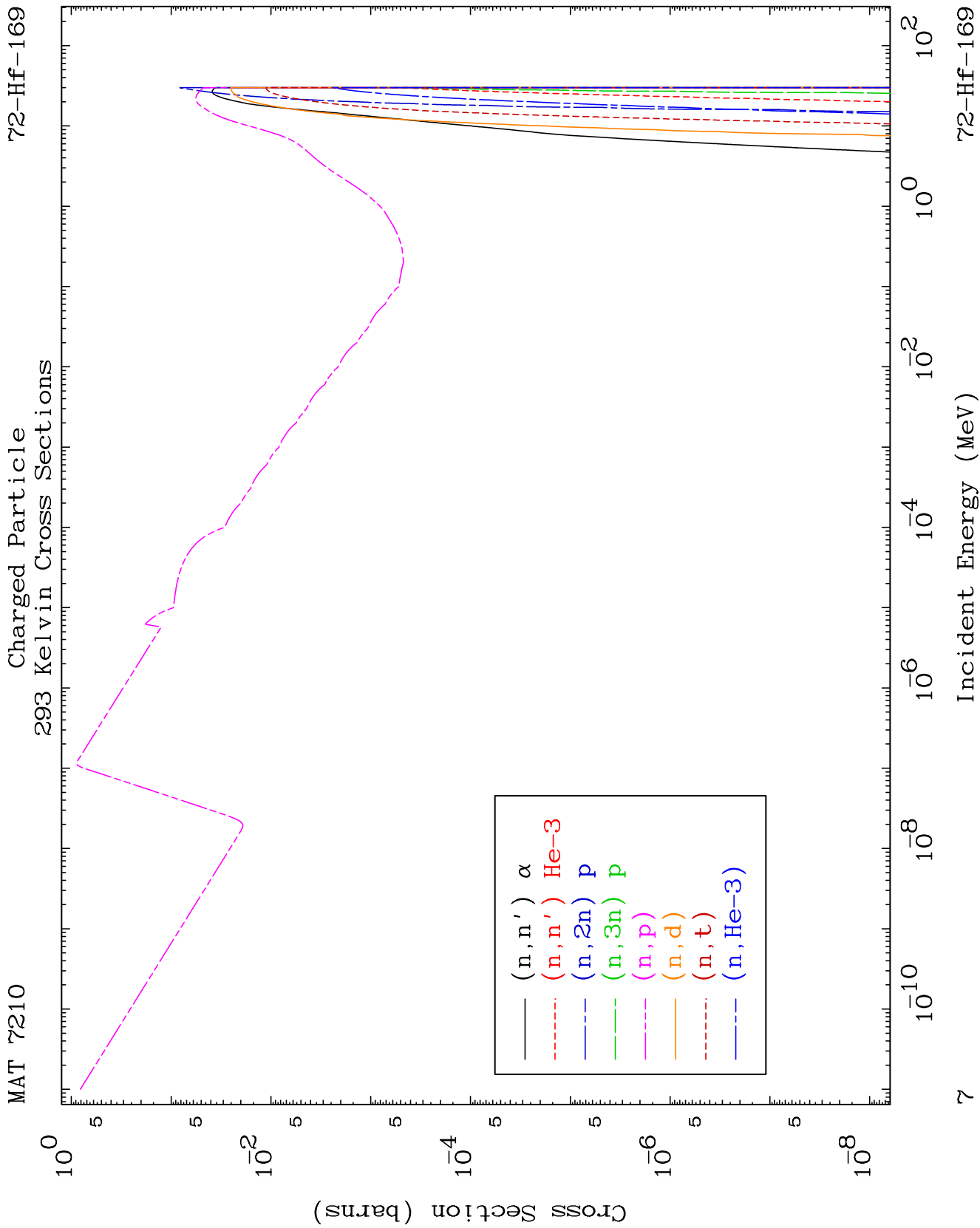


MAT 7210

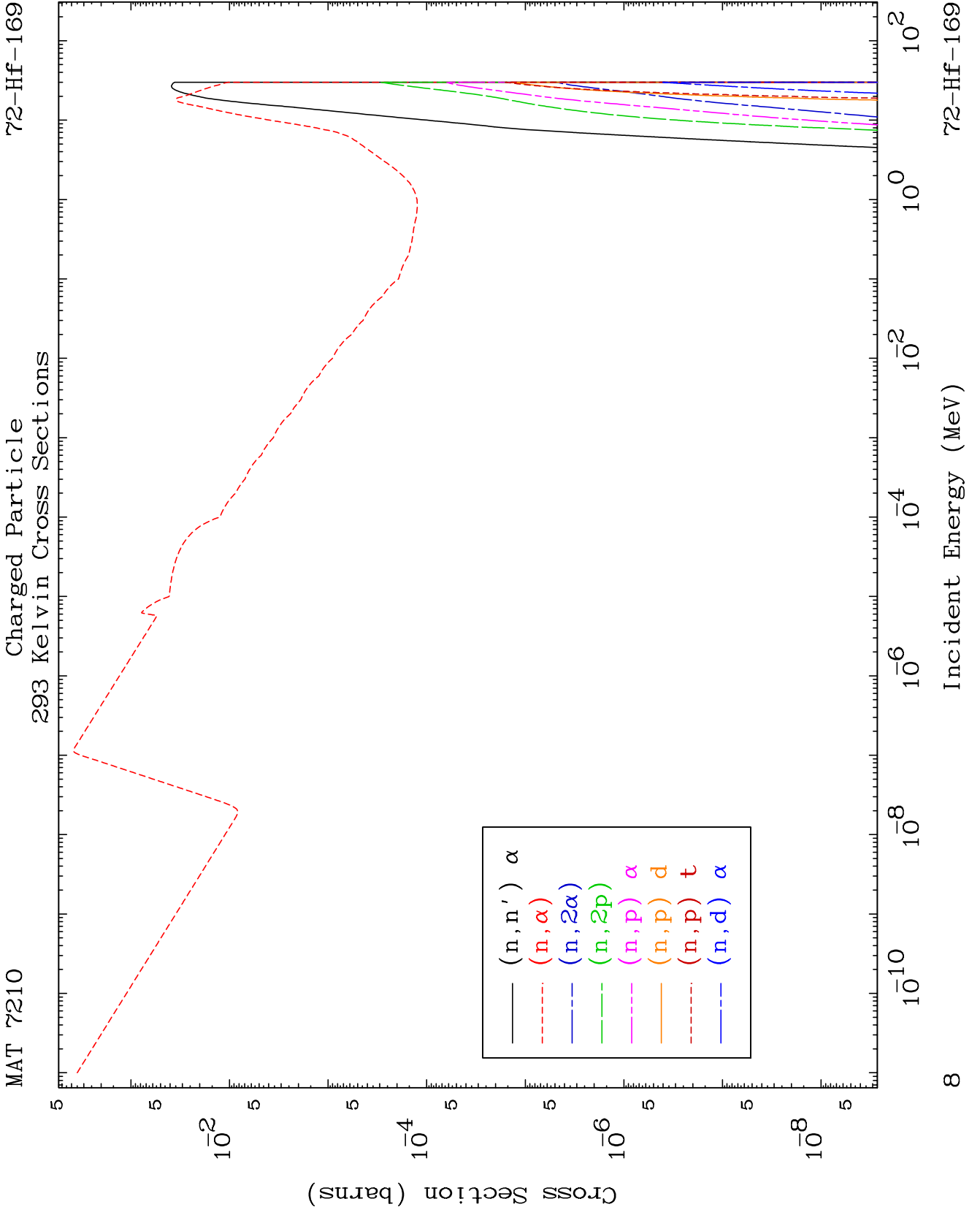
Charged Particle  
293 Kelvin Cross Sections

72-Hf-169





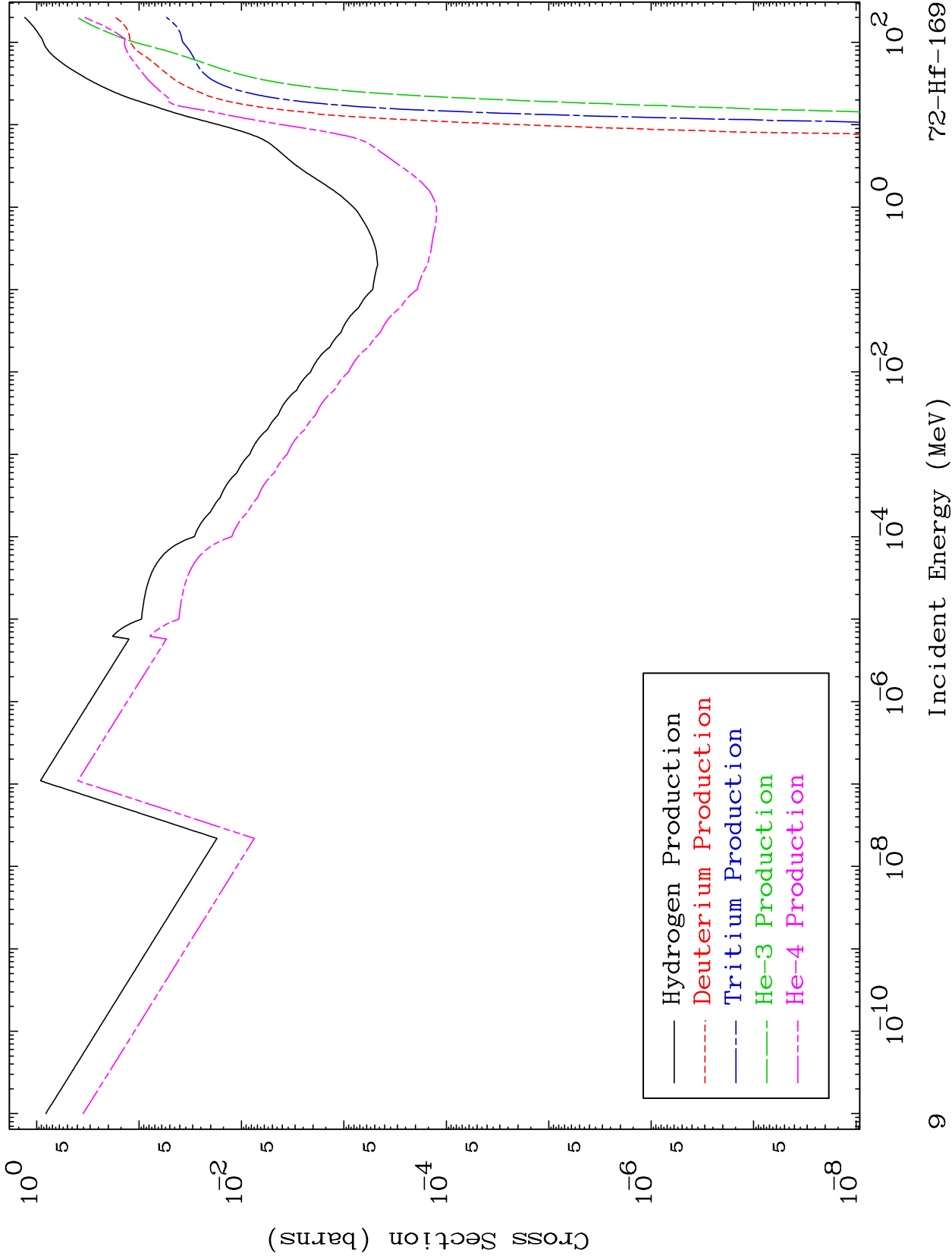




MAT 7210

Particle Production  
293 Kelvin Cross Sections

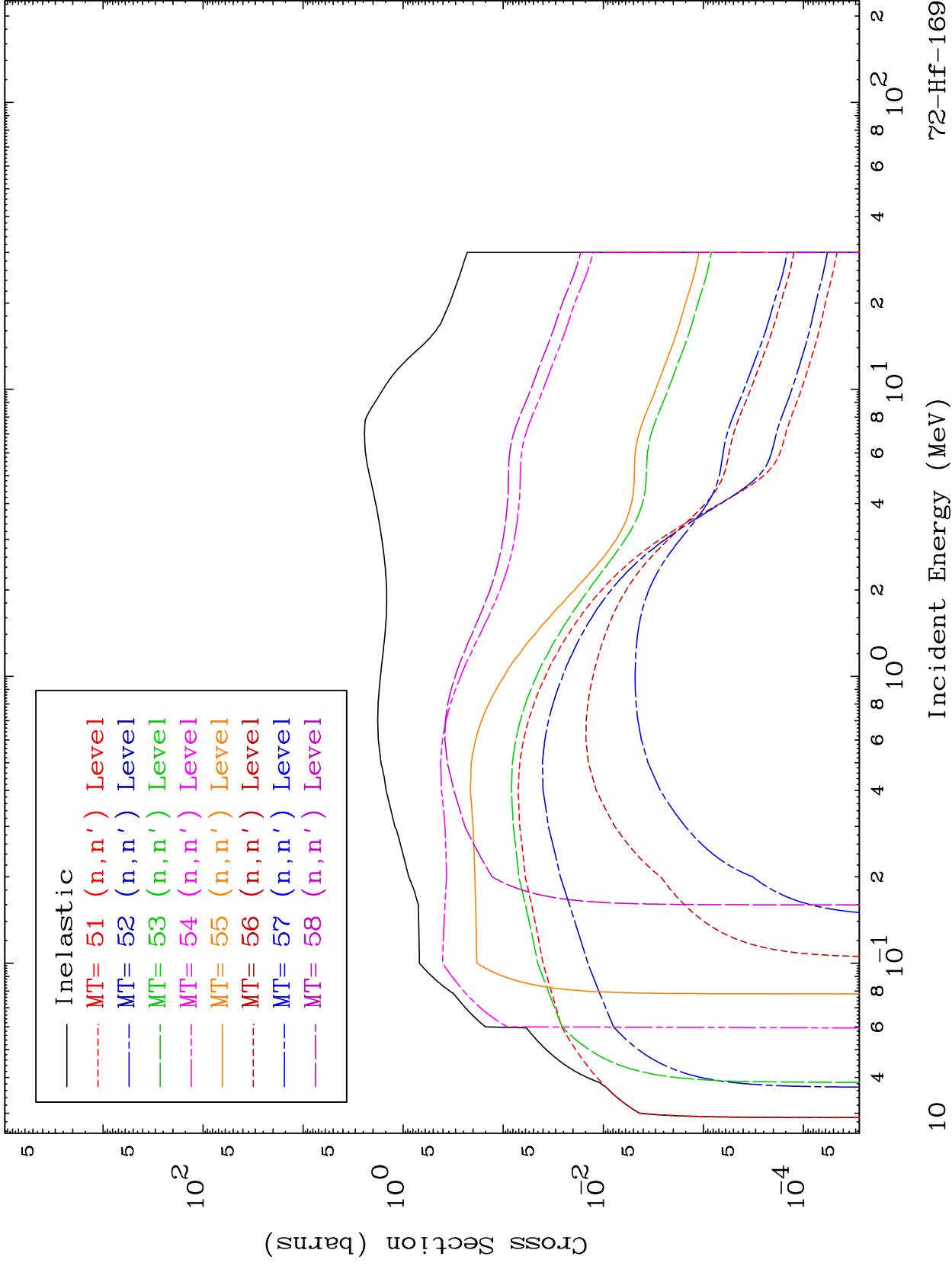
72-Hf-169



MAT 7210

293 Kelvin Cross Sections  
(n,n') Levels

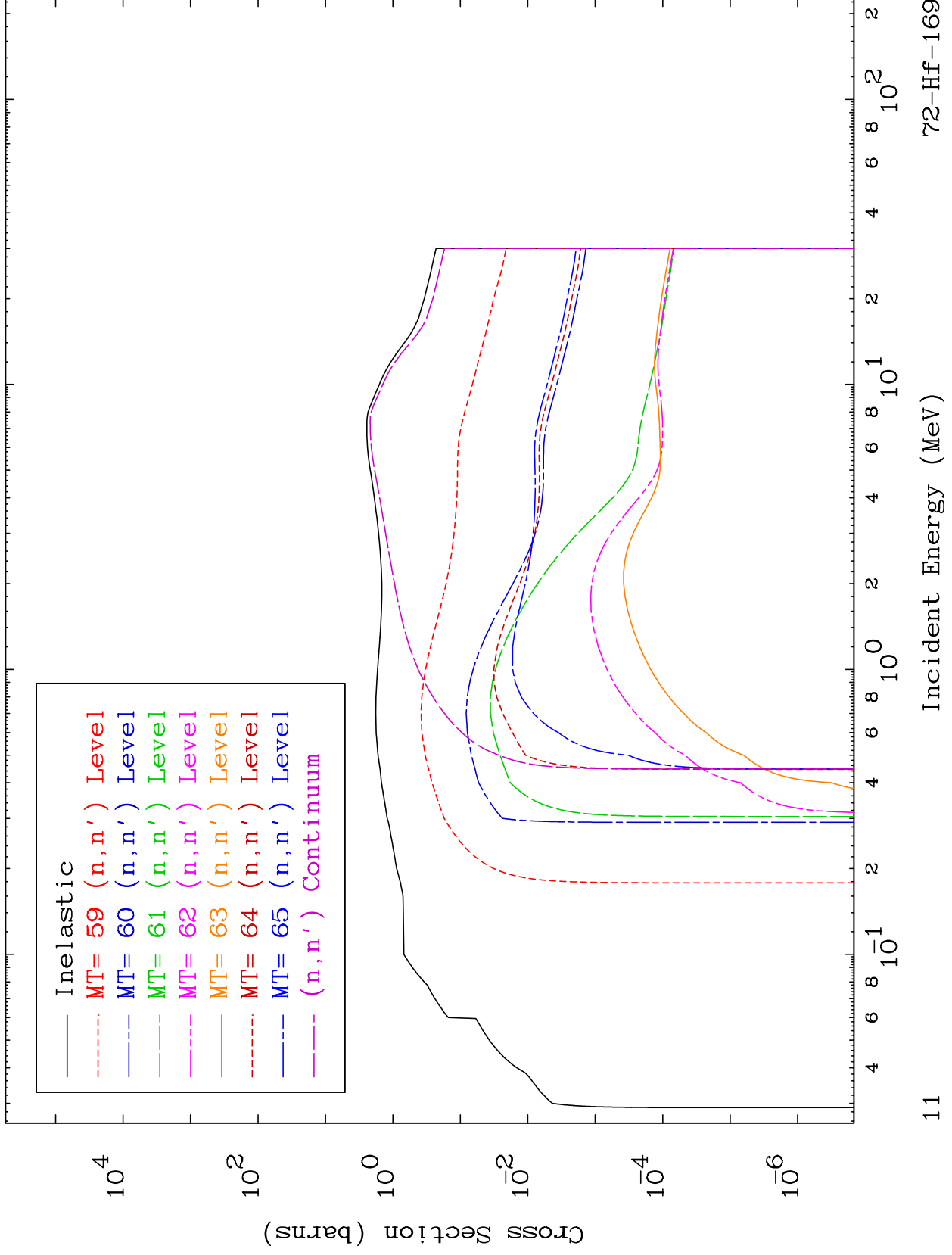
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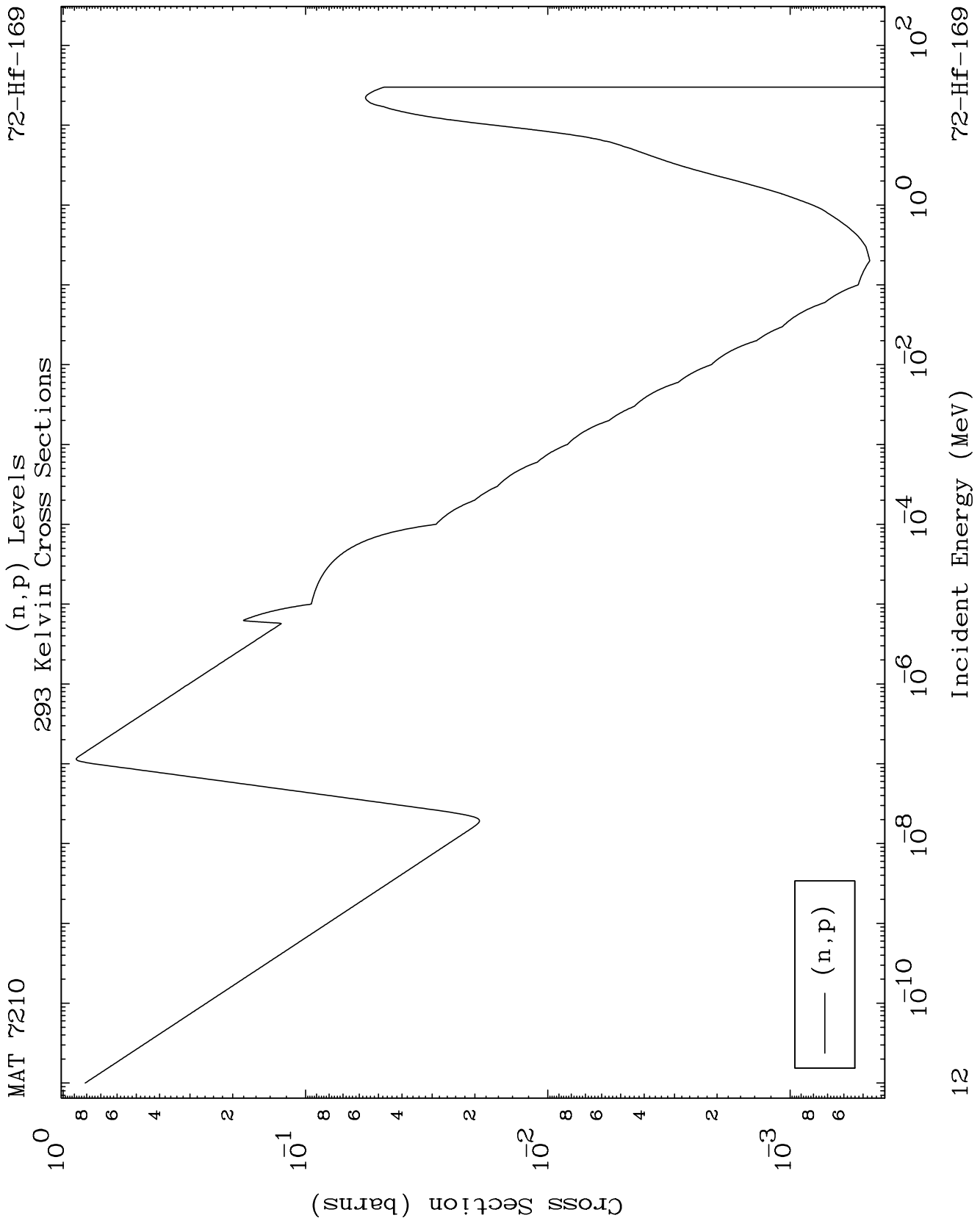


10

Incident Energy (MeV)

72-Hf-169

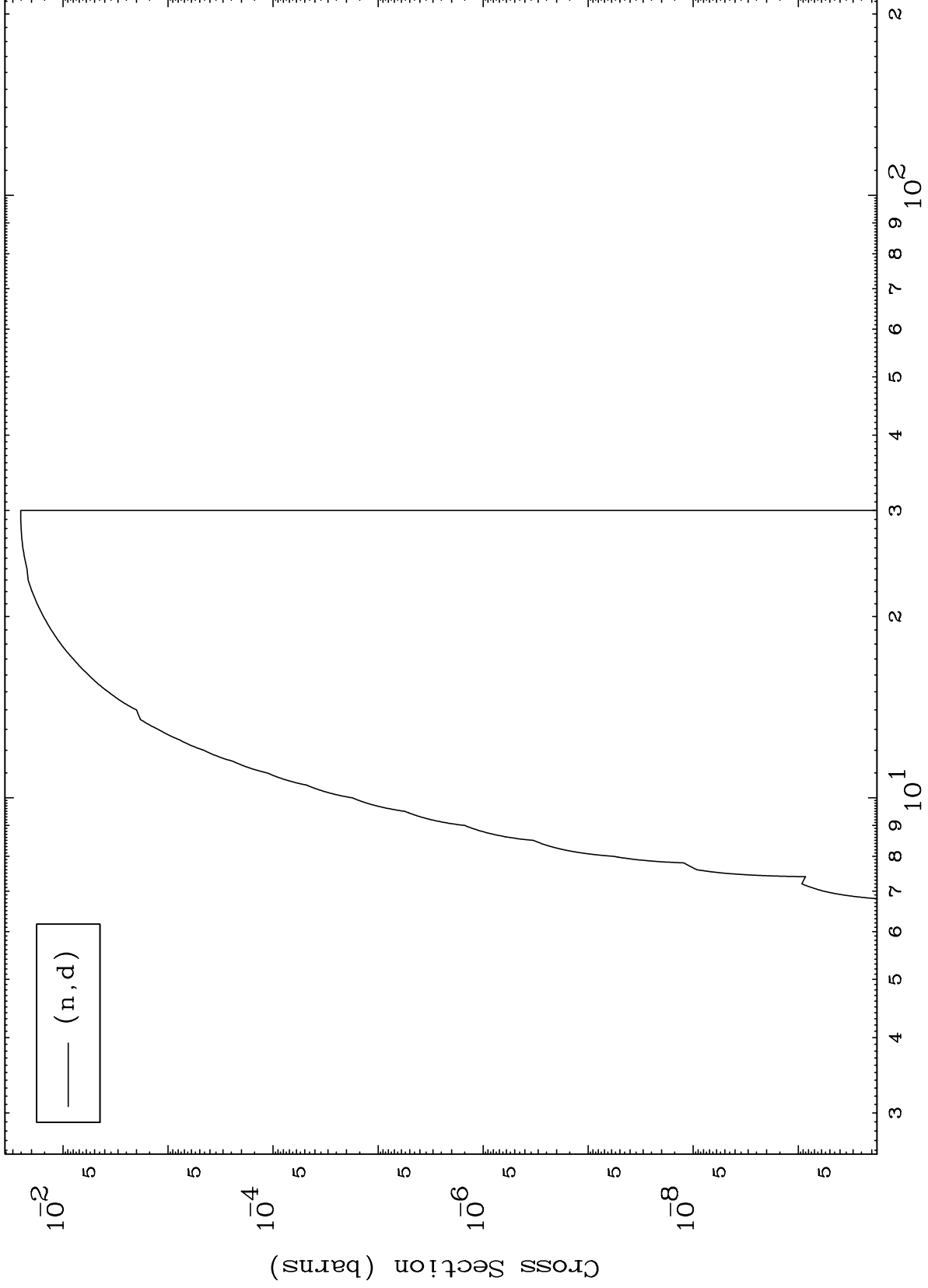




MAT 7210

(n,d) Levels  
293 Kelvin Cross Sections

72-Hf-169



(n,d)

13

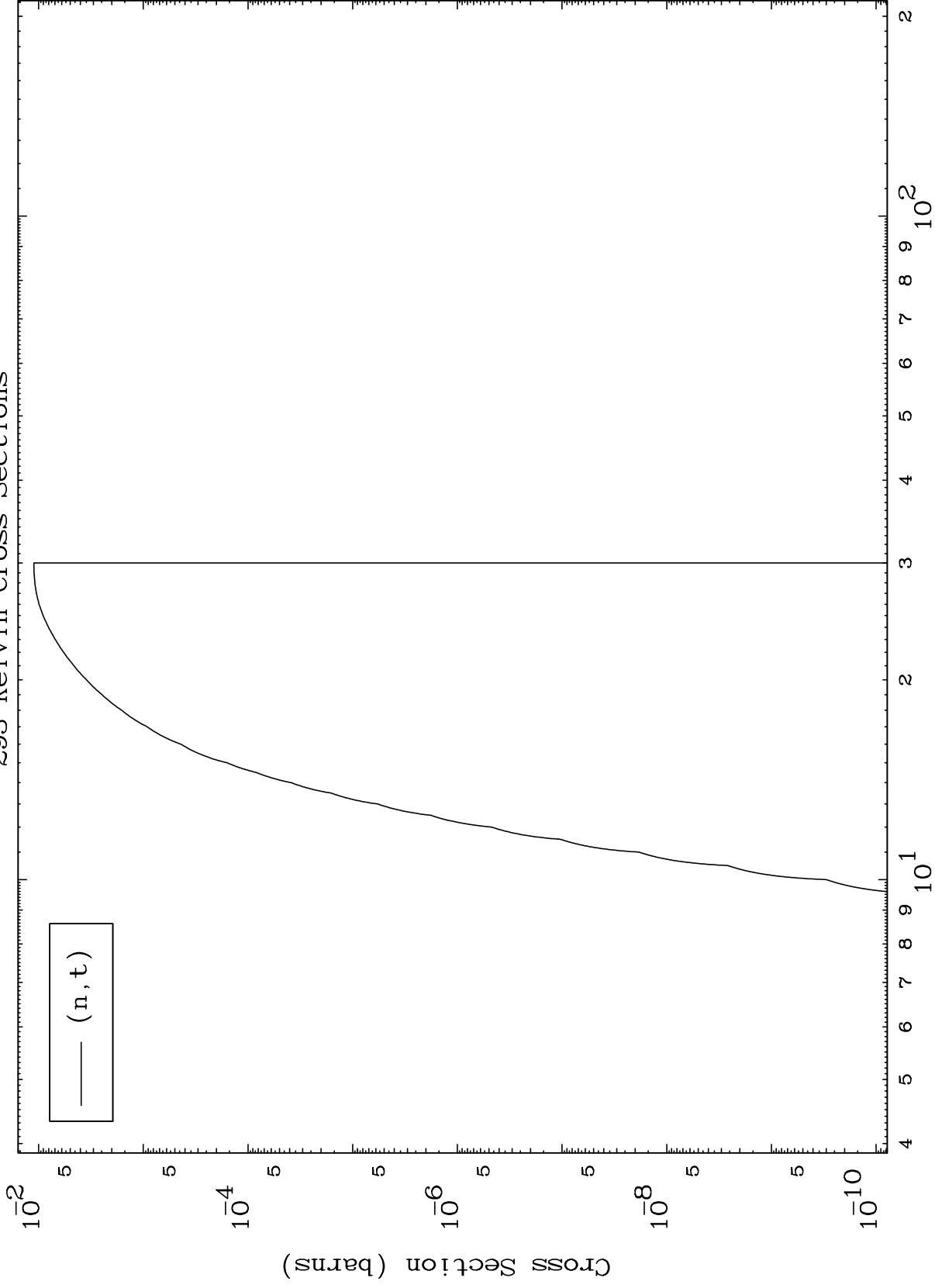
Incident Energy (MeV)

72-Hf-169

MAT 7210

(n,t) Levels  
293 Kelvin Cross Sections

72-Hf-169



14

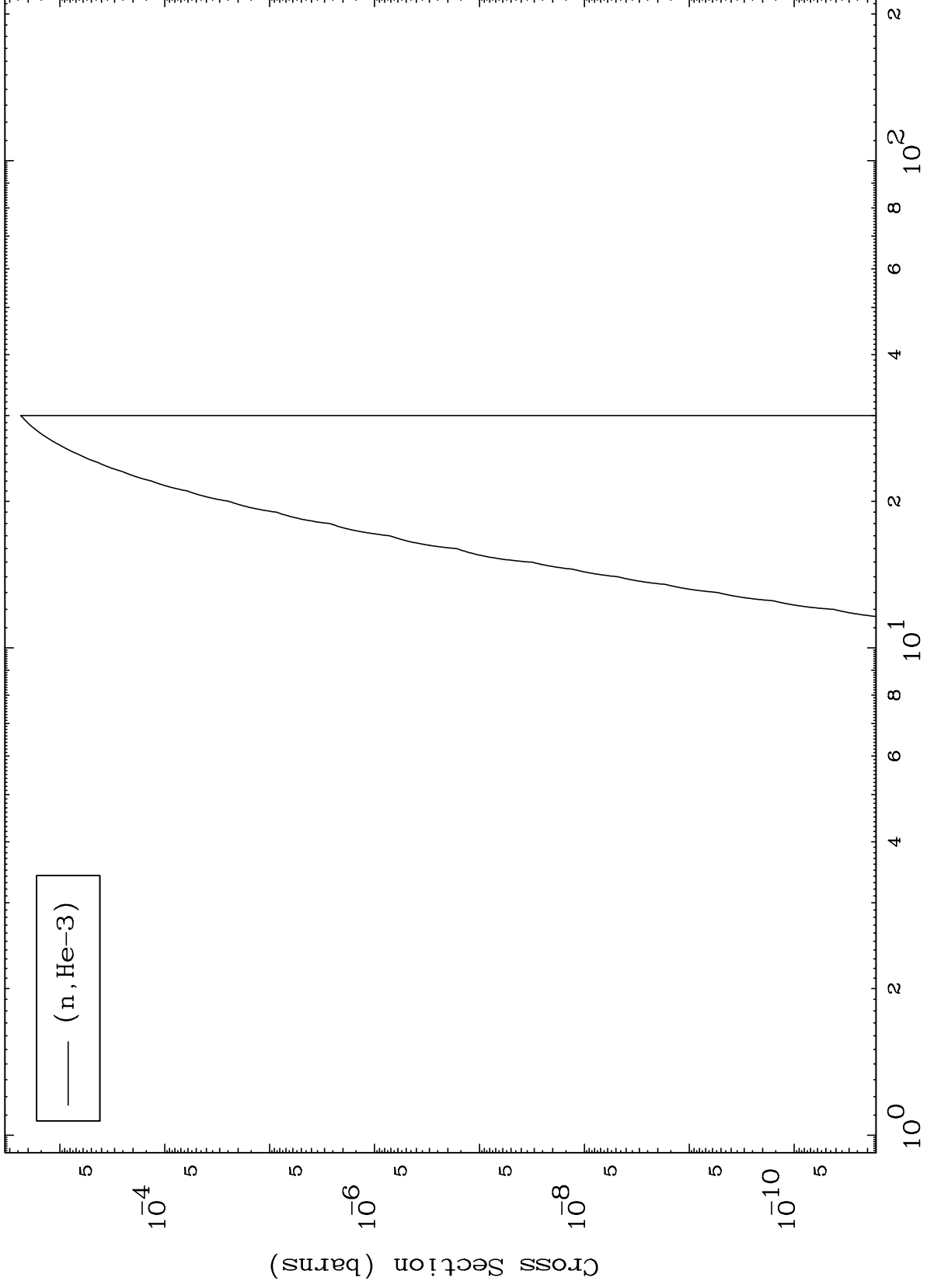
Incident Energy (MeV)

72-Hf-169

MAT 7210

(n,He3) Levels  
293 Kelvin Cross Sections

72-Hf-169



15

Incident Energy (MeV)

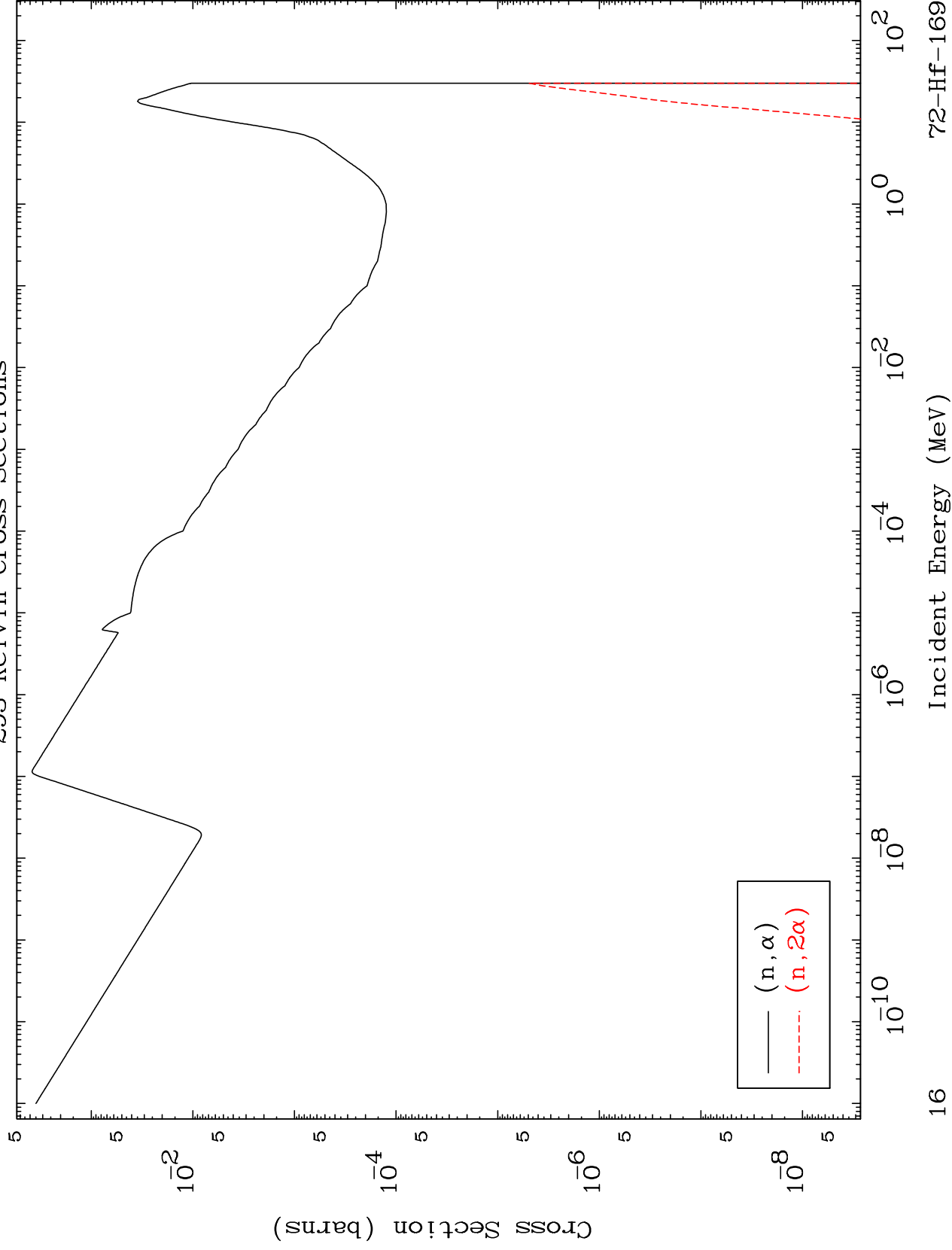
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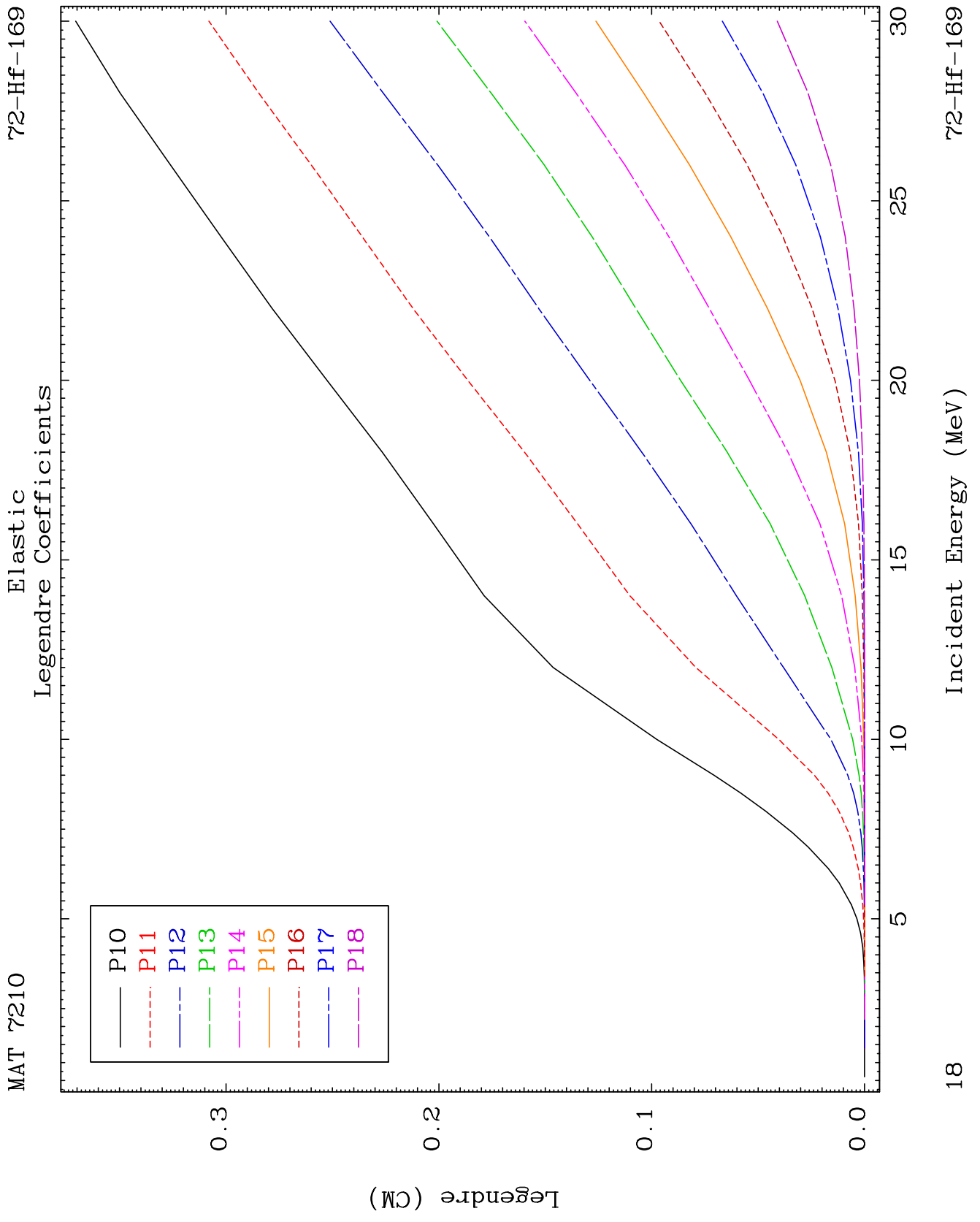
MAT 7210

(n,α) Levels  
293 Kelvin Cross Sections

72-Hf-169



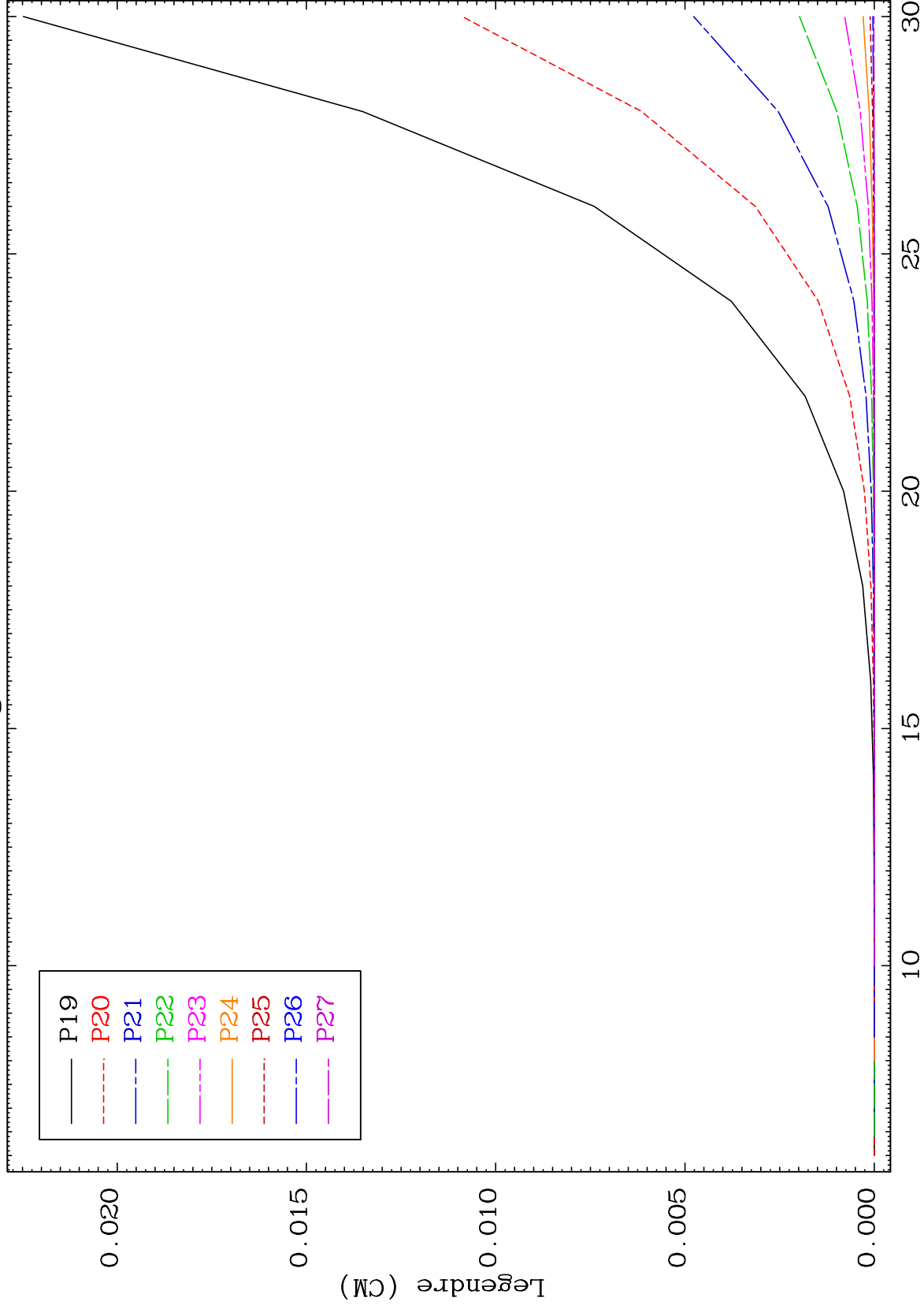




MAT 7210

Elastic Legendre Coefficients

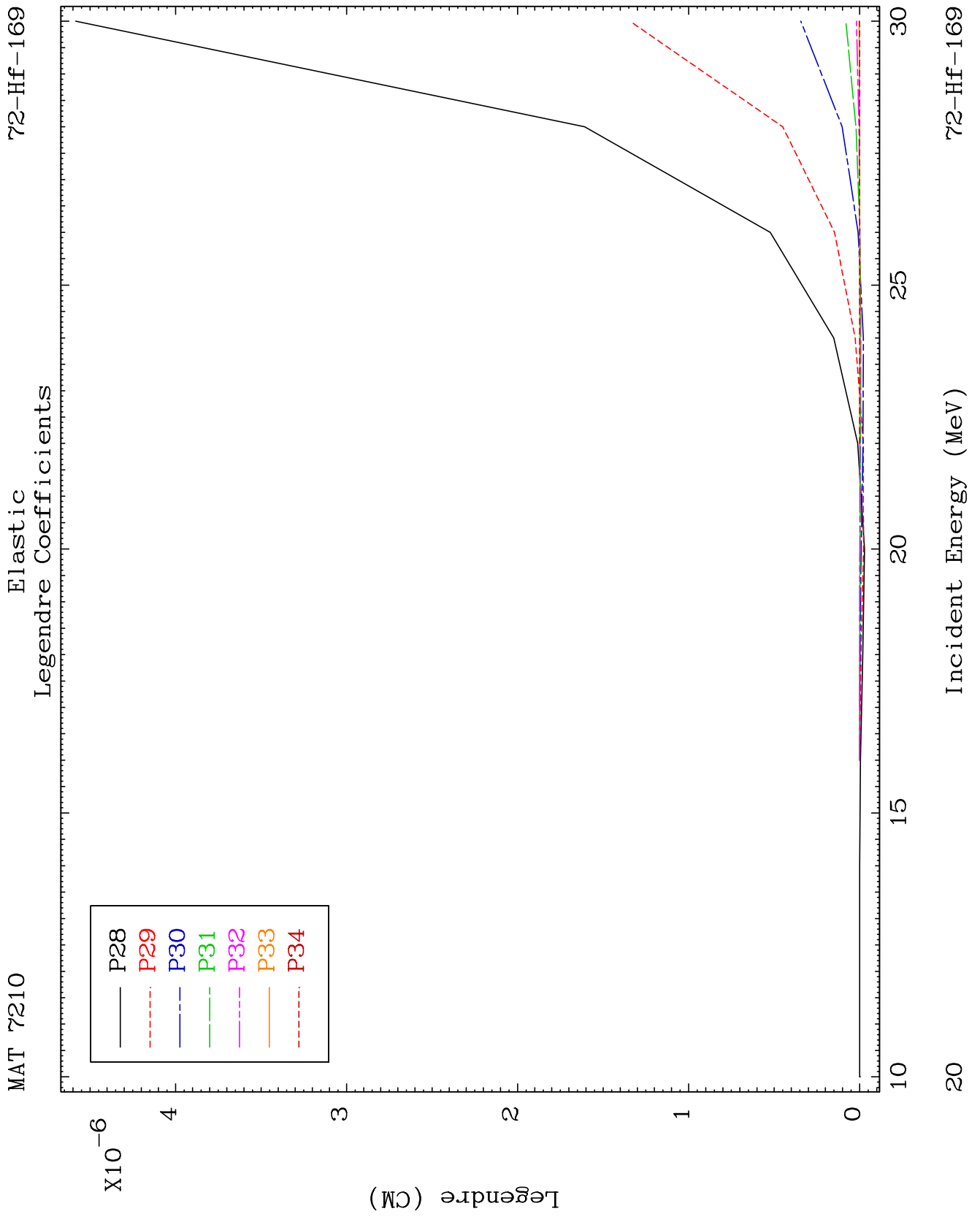
72-Hf-169



19

Incident Energy (MeV)

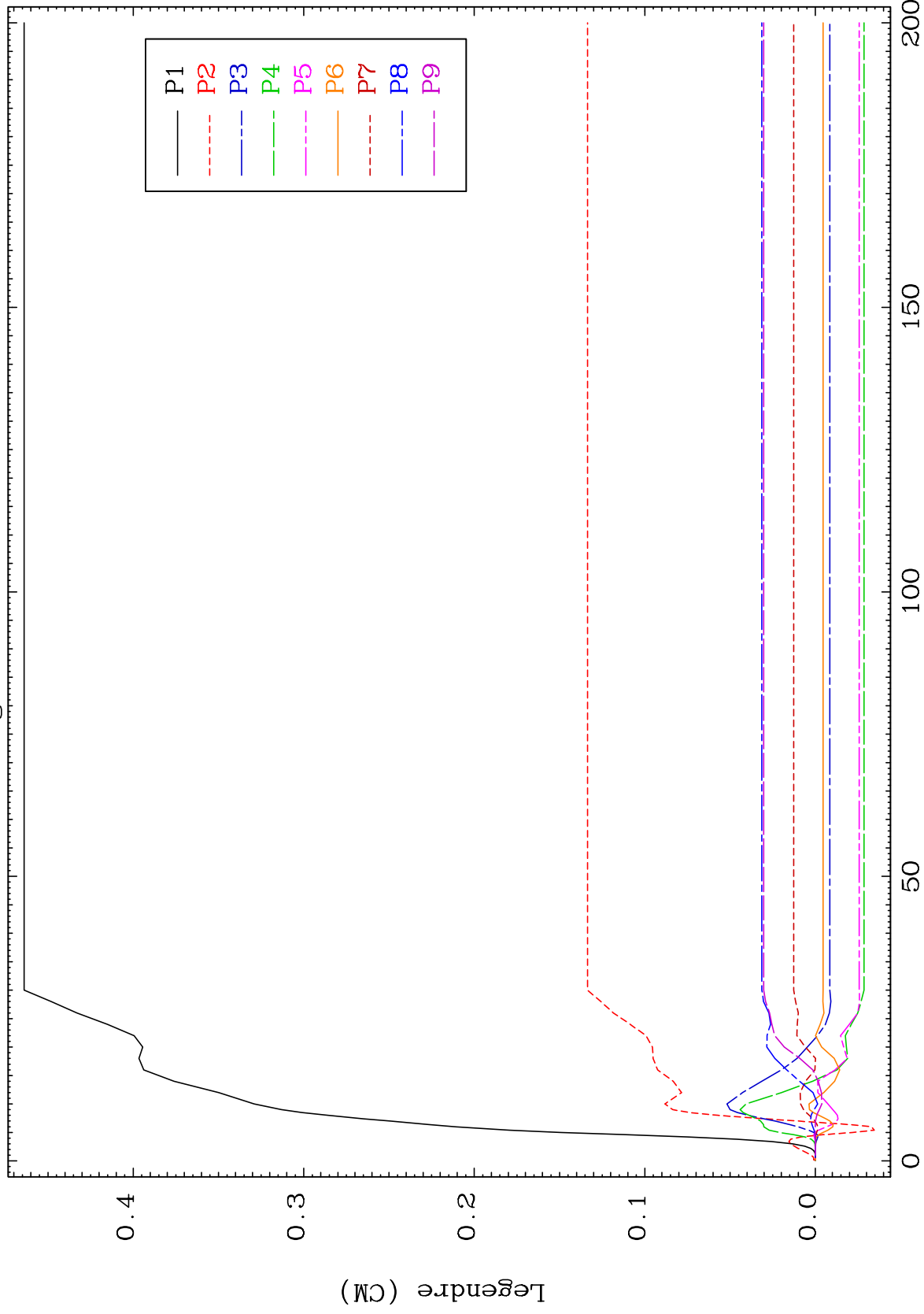
72-Hf-169



MAT 7210

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

72-Hf-169



21

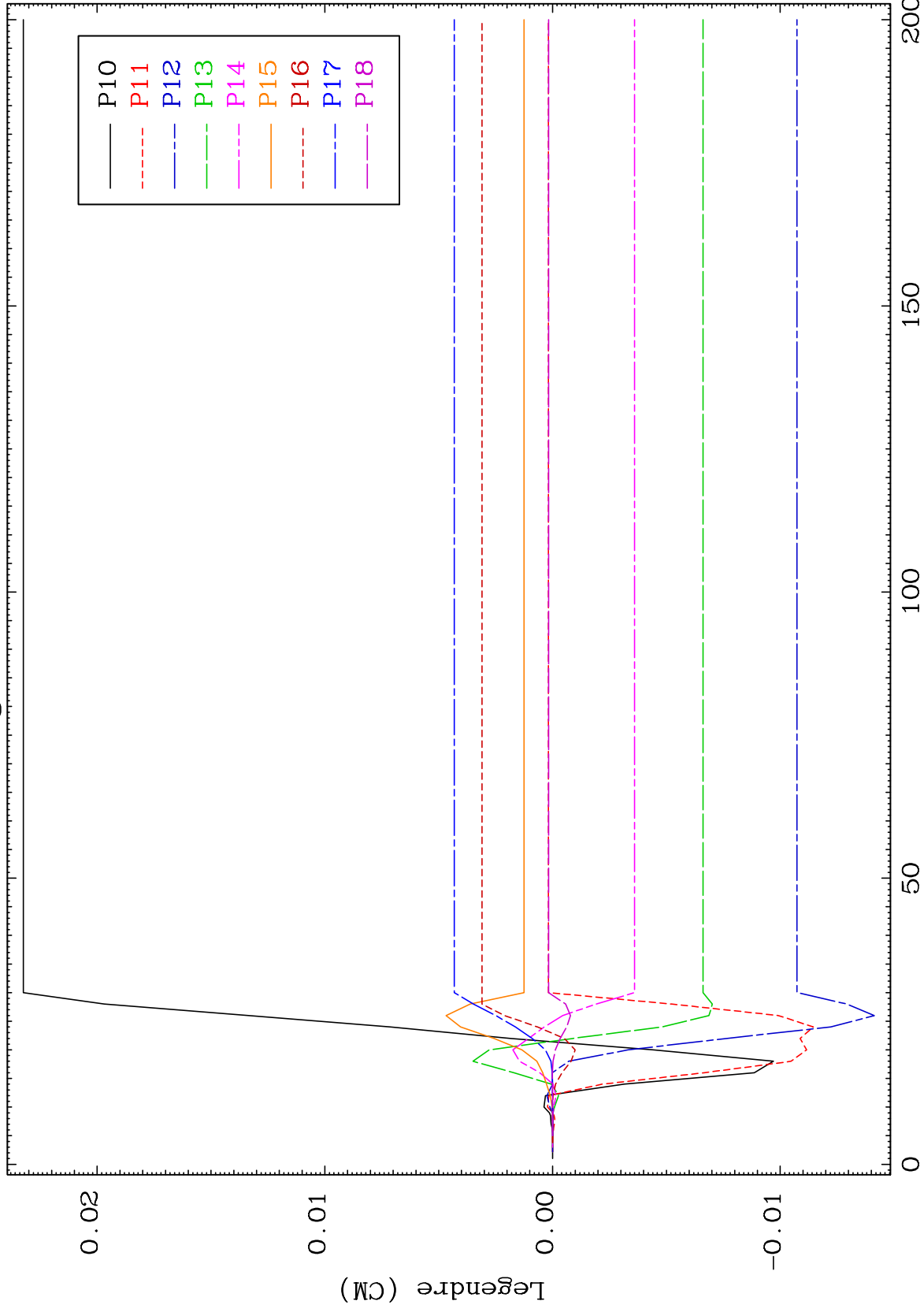
Incident Energy (MeV)

72-Hf-169

MAT 7210

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

72-Hf-169



22

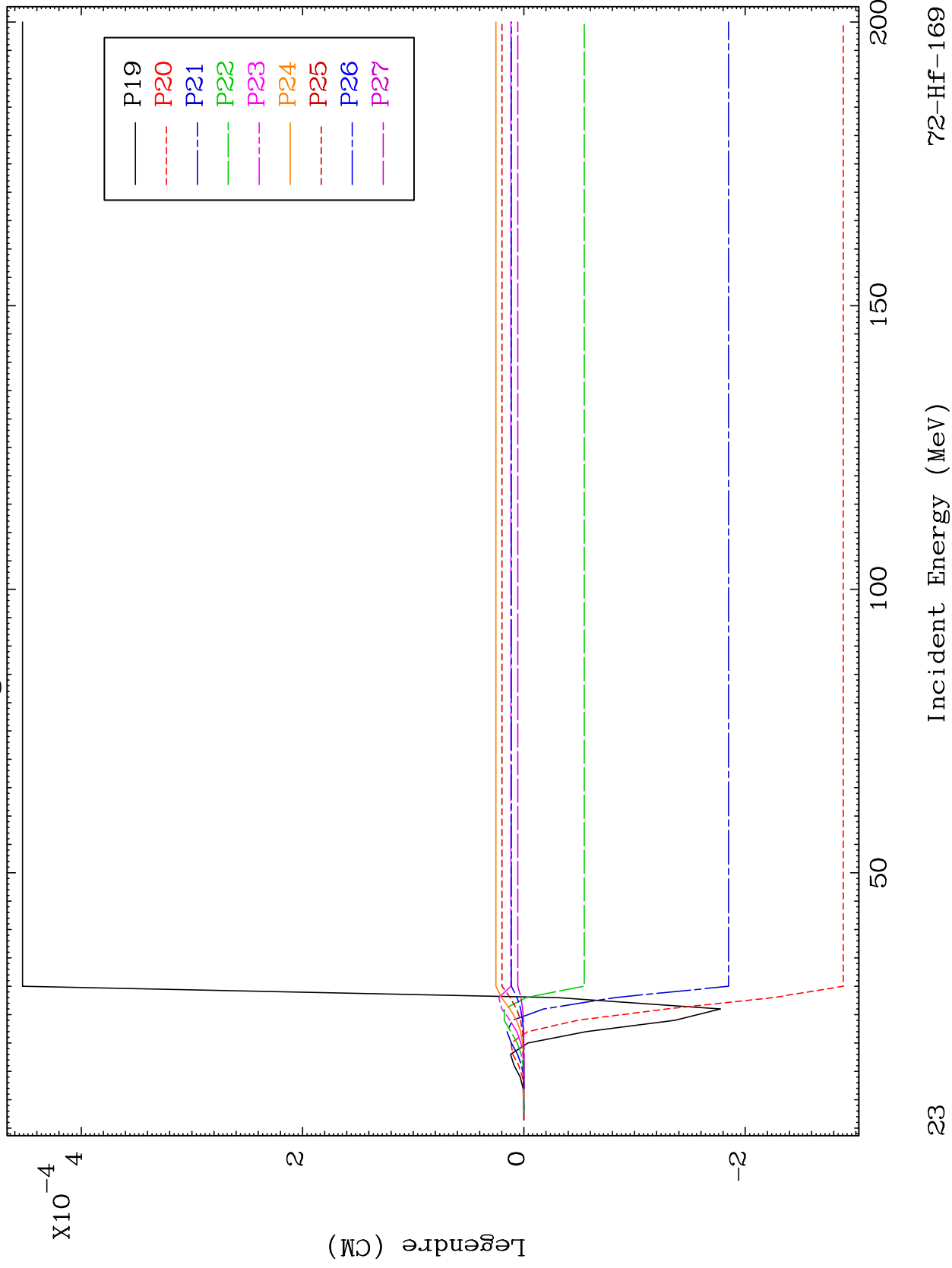
Incident Energy (MeV)

72-Hf-169

MAT 7210

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

72-Hf-169



23

Incident Energy (MeV)

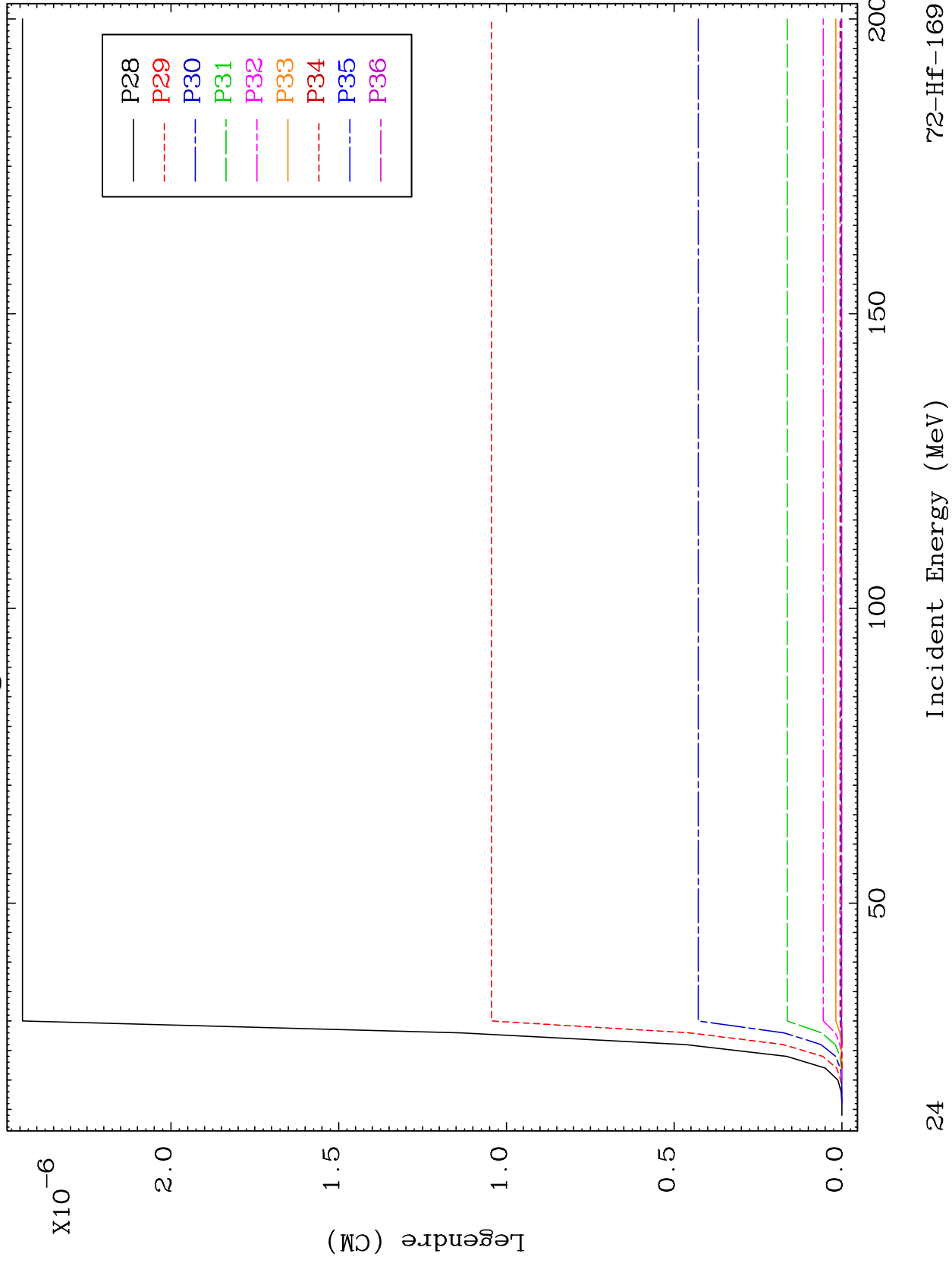
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MAT 7210

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

72-Hf-169



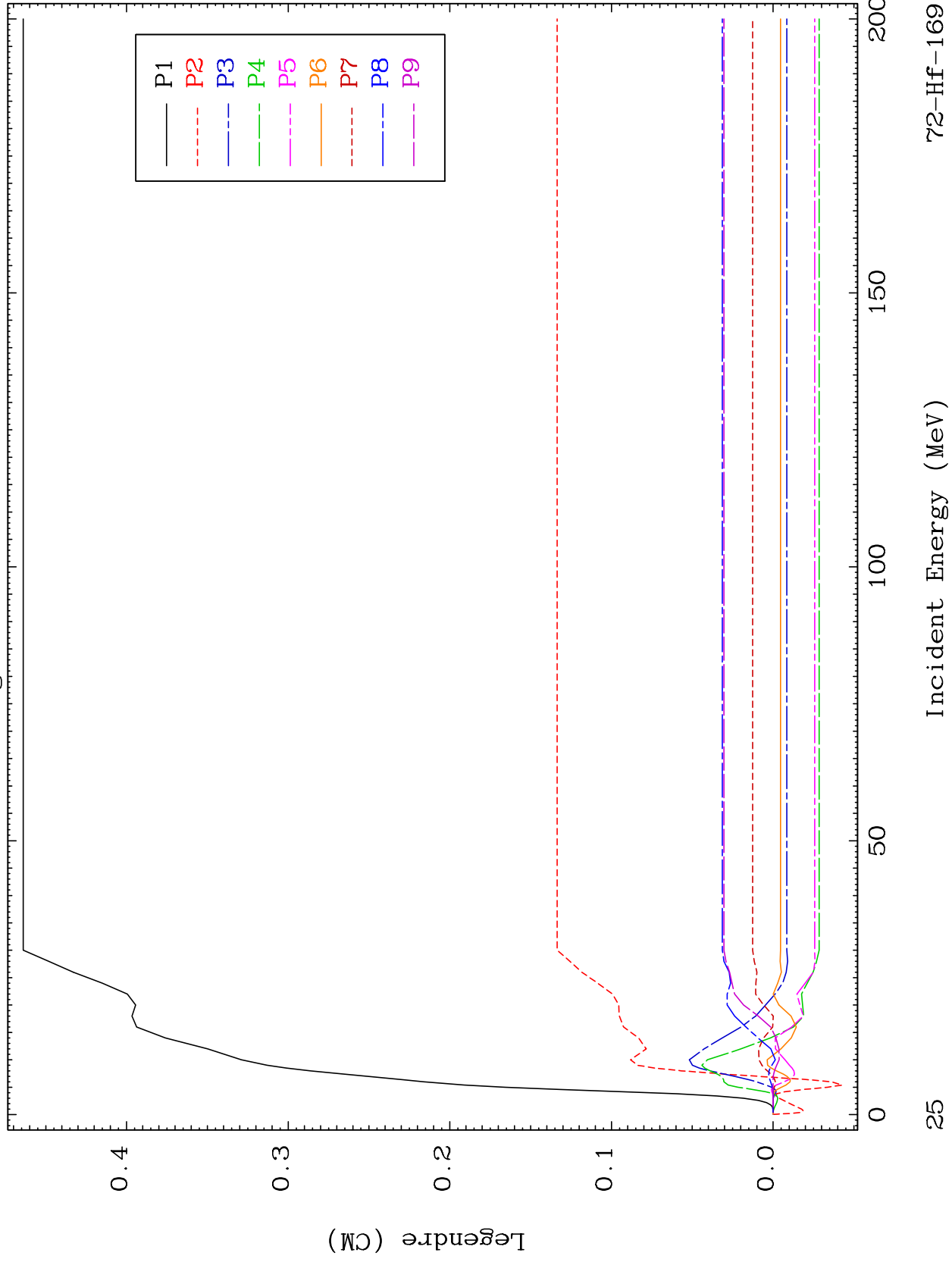
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72-Hf-169

MAT 7210

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

72-Hf-169



72-Hf-169

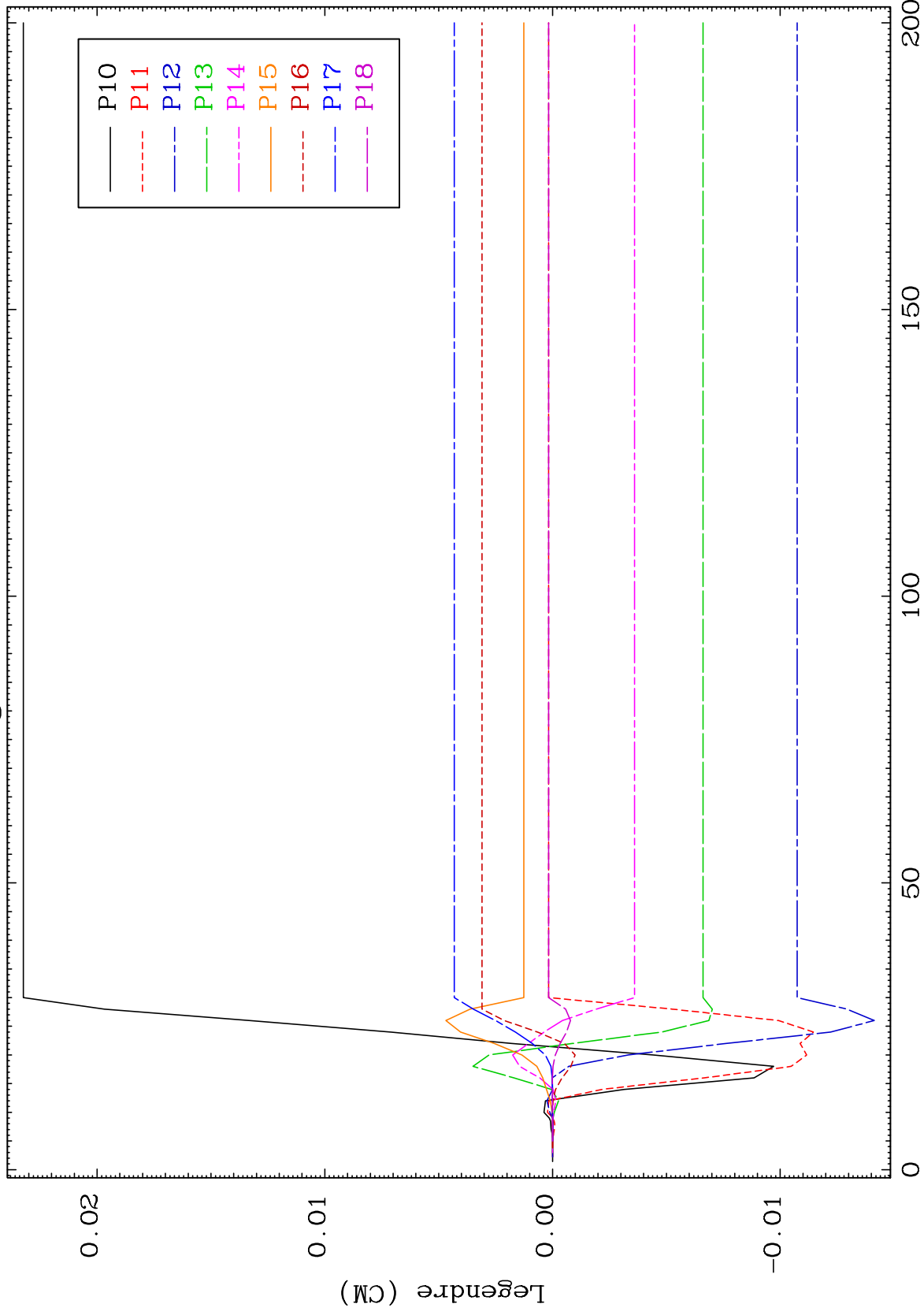
Incident Energy (MeV)

25

MAT 7210

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

72-Hf-169



26

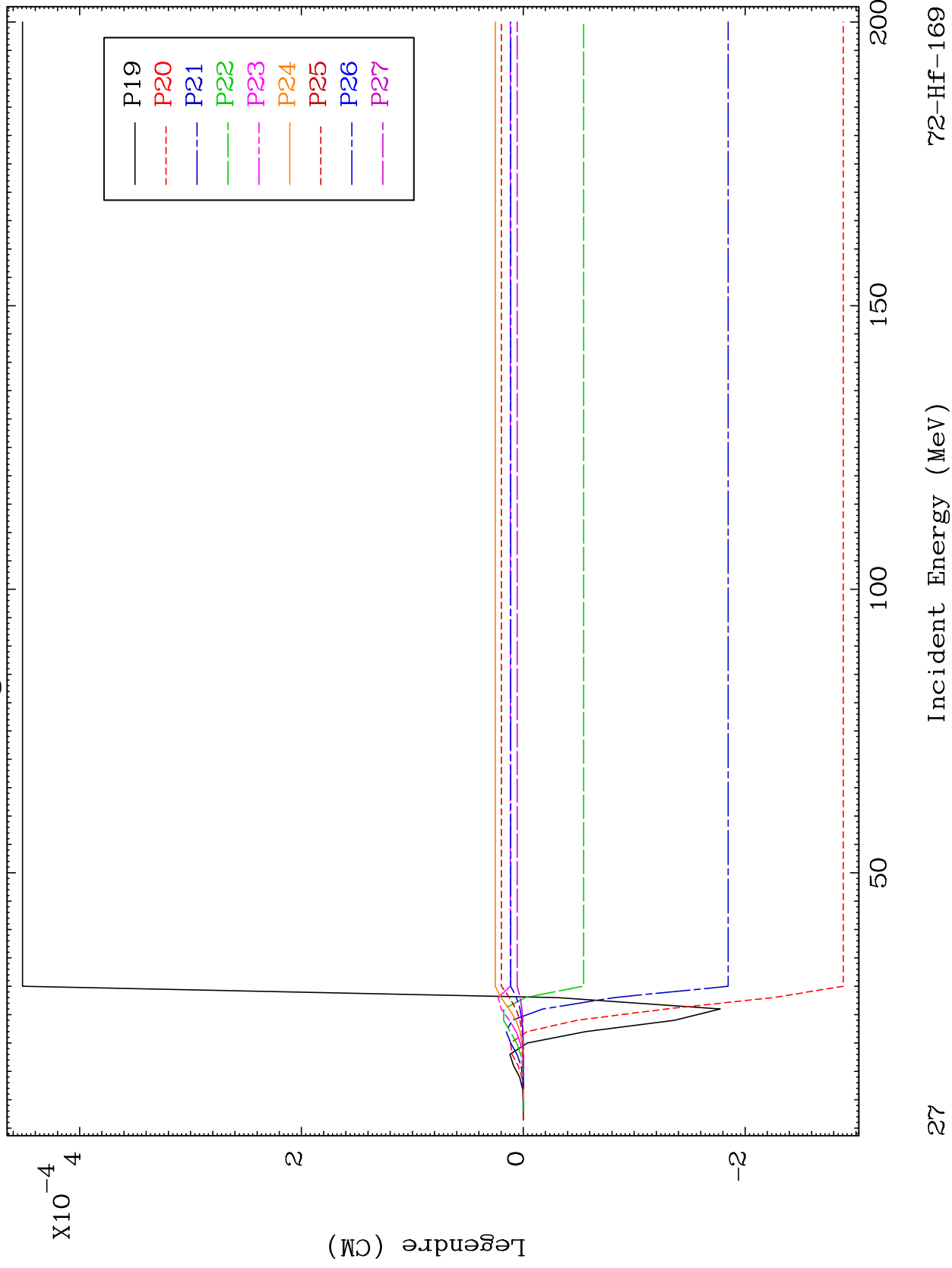
Incident Energy (MeV)

72-Hf-169

MAT 7210

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

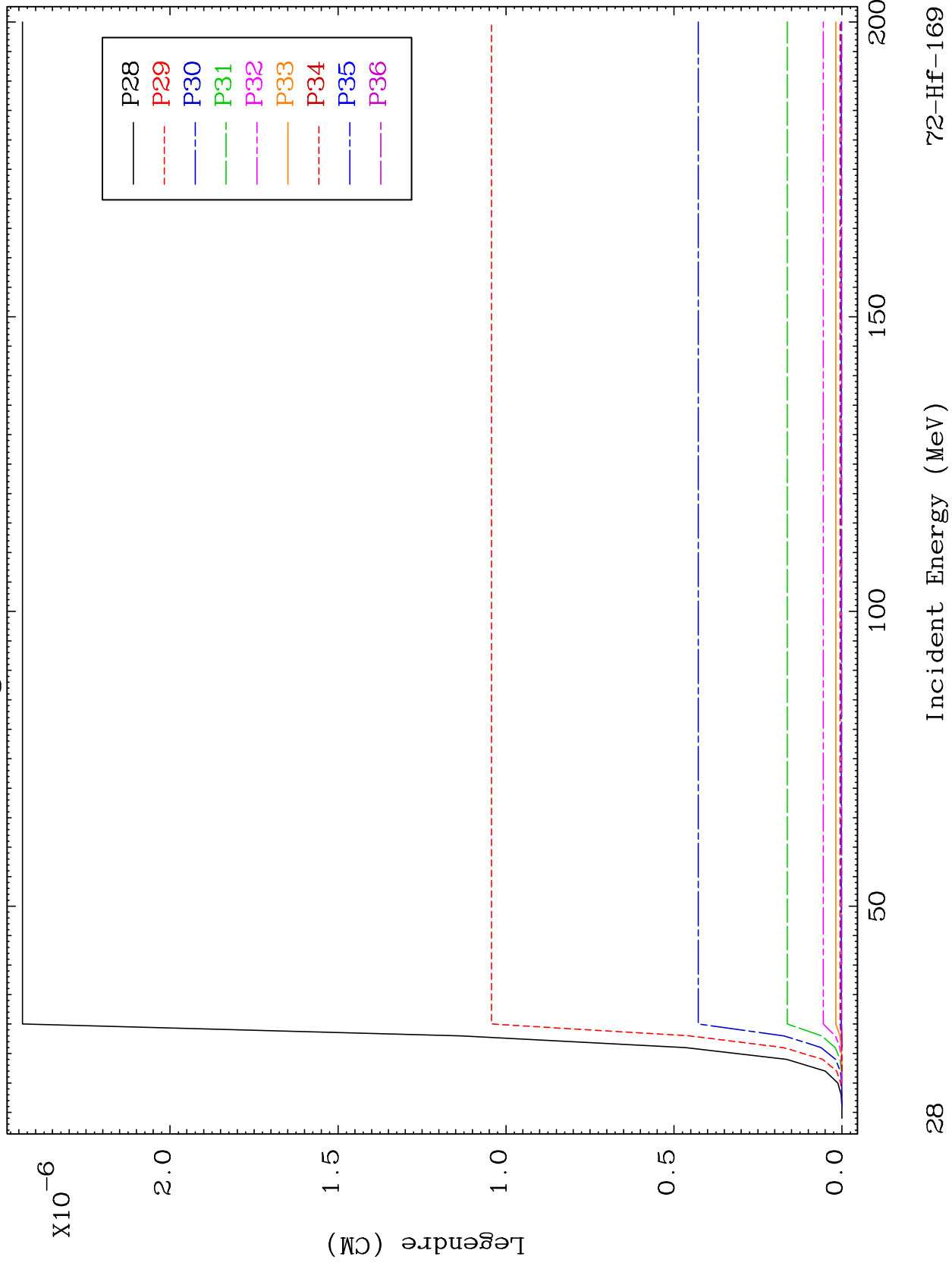
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MAT 7210

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

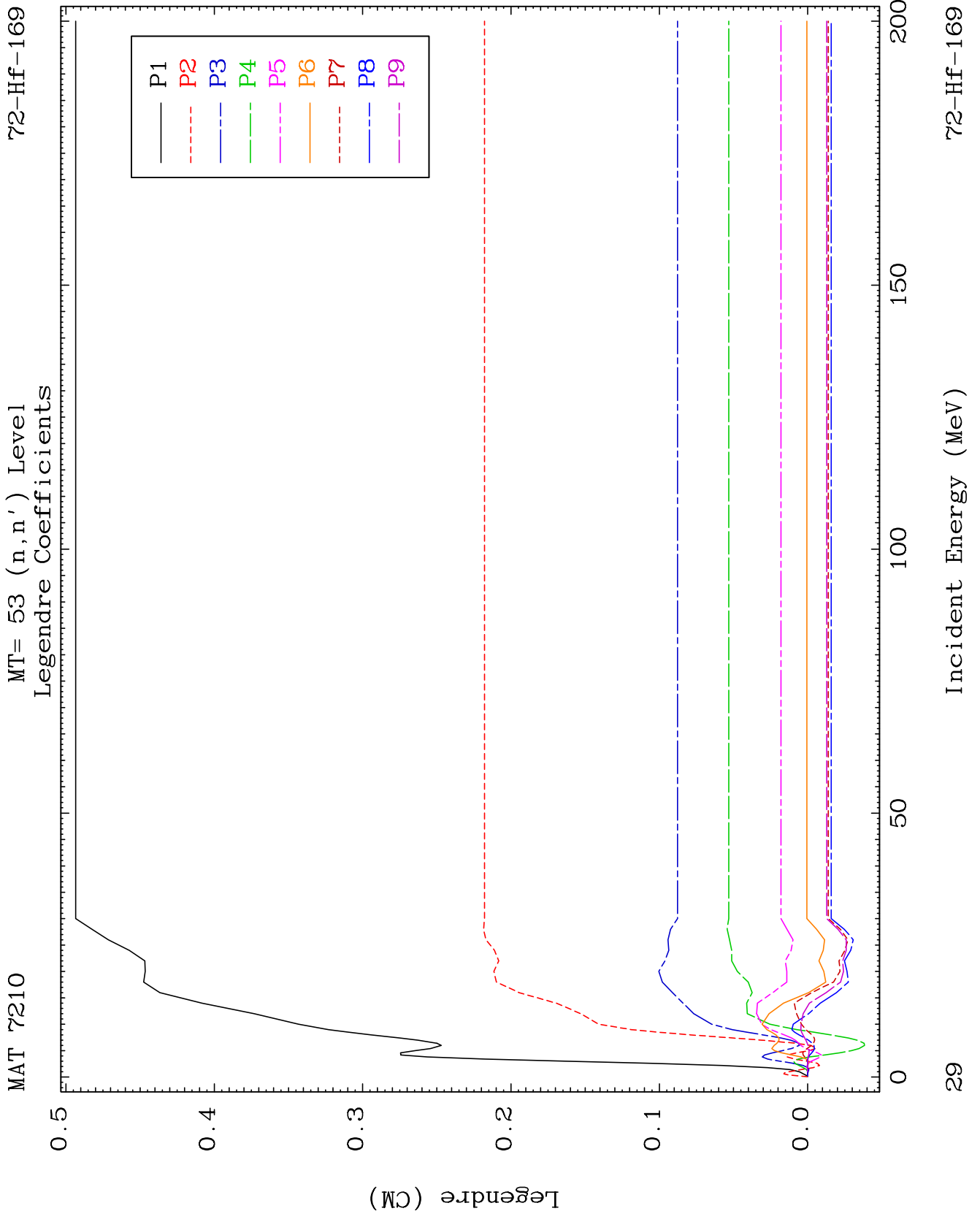
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28

Incident Energy (MeV)

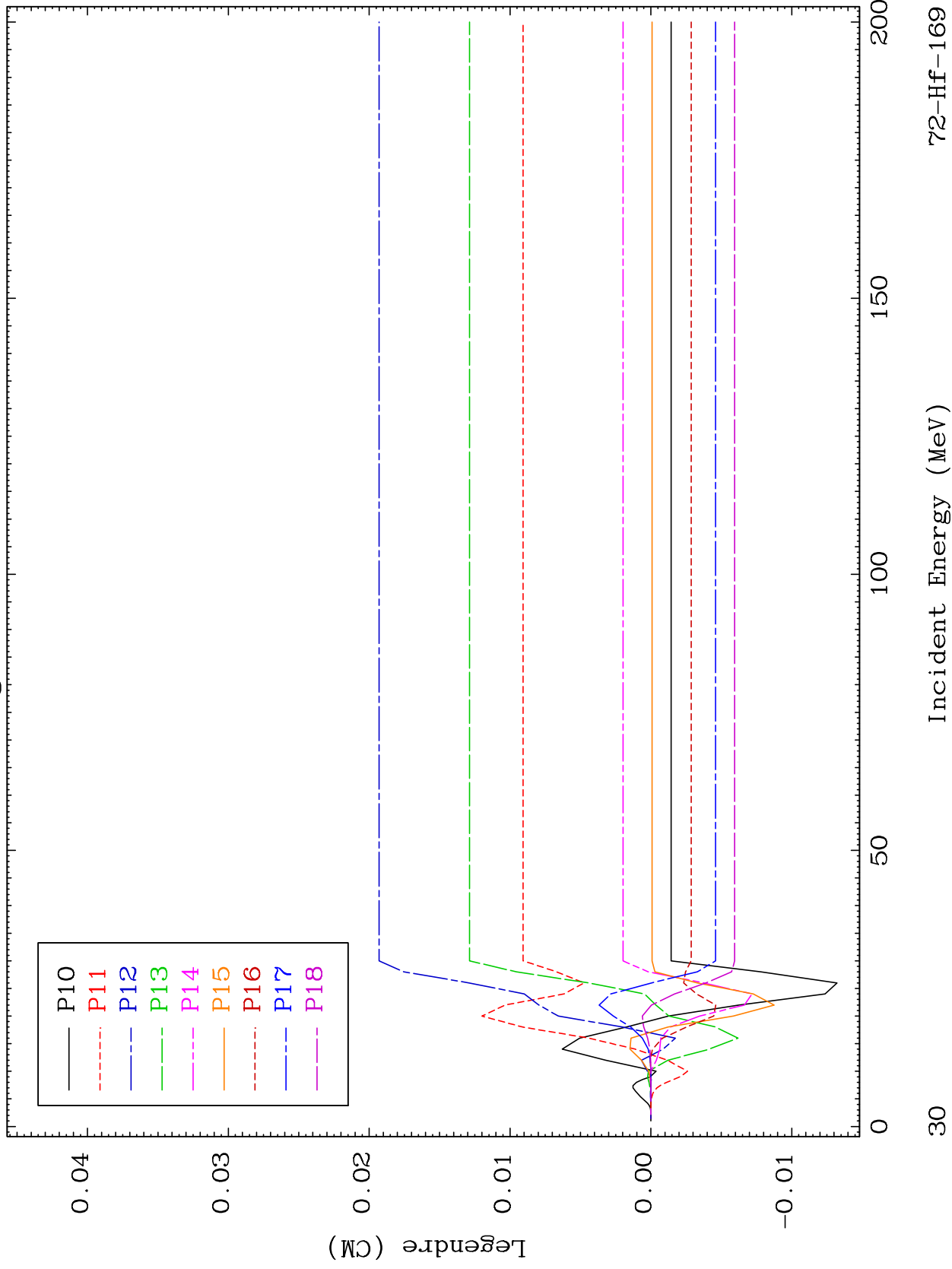
72-Hf-169



MAT 7210

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

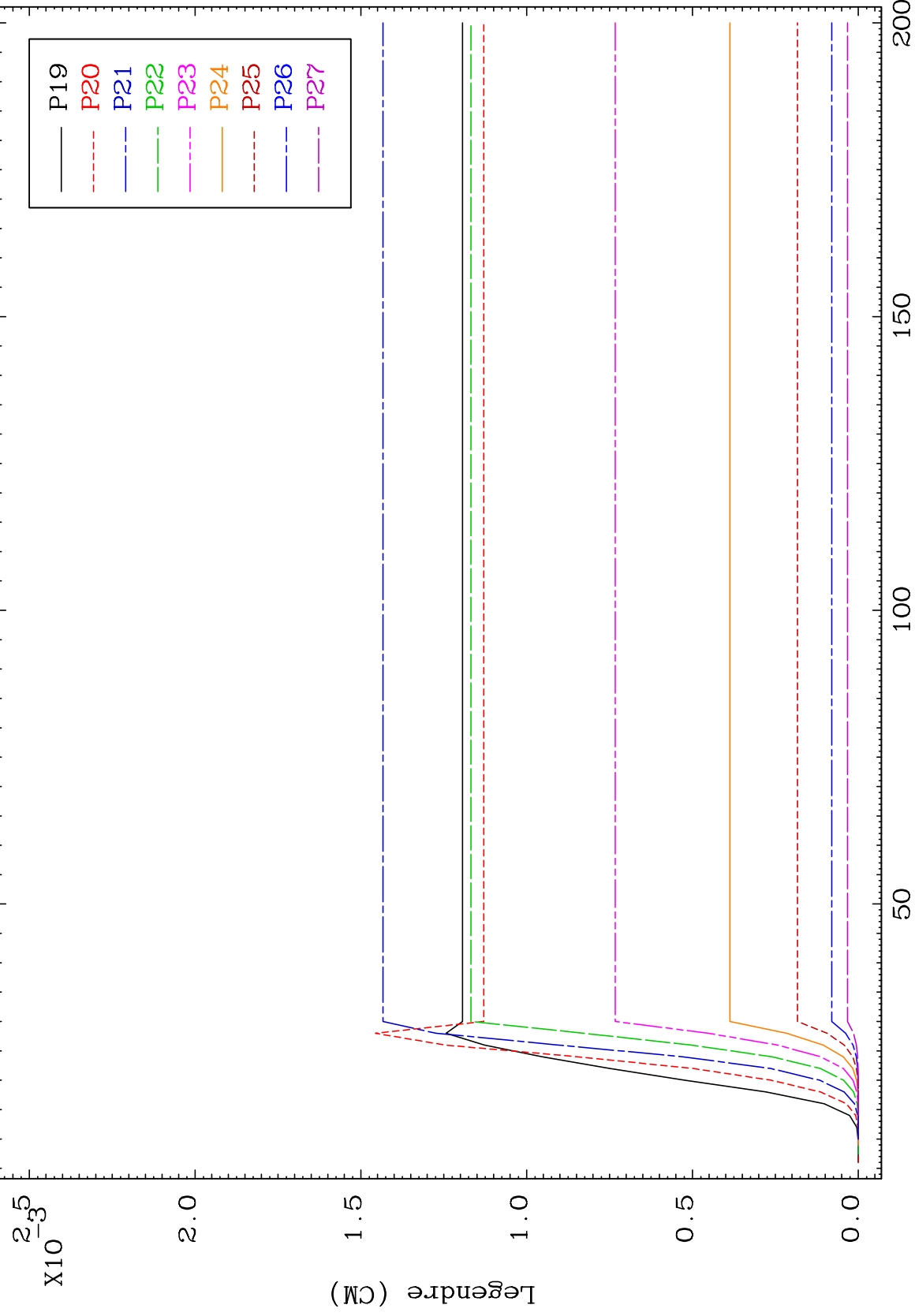
72-Hf-169



MAT 7210

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

72-Hf-169



31

Incident Energy (MeV)

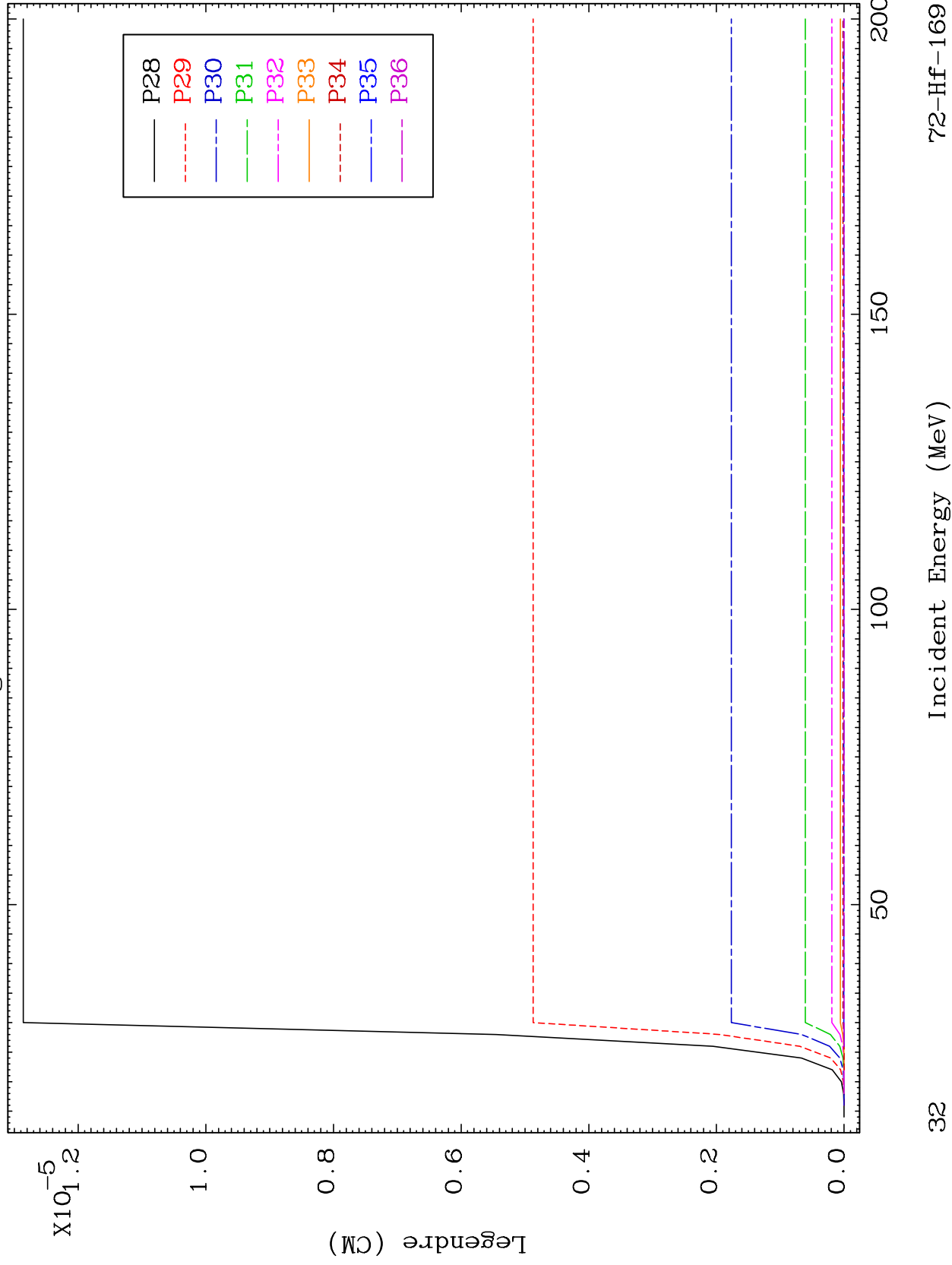
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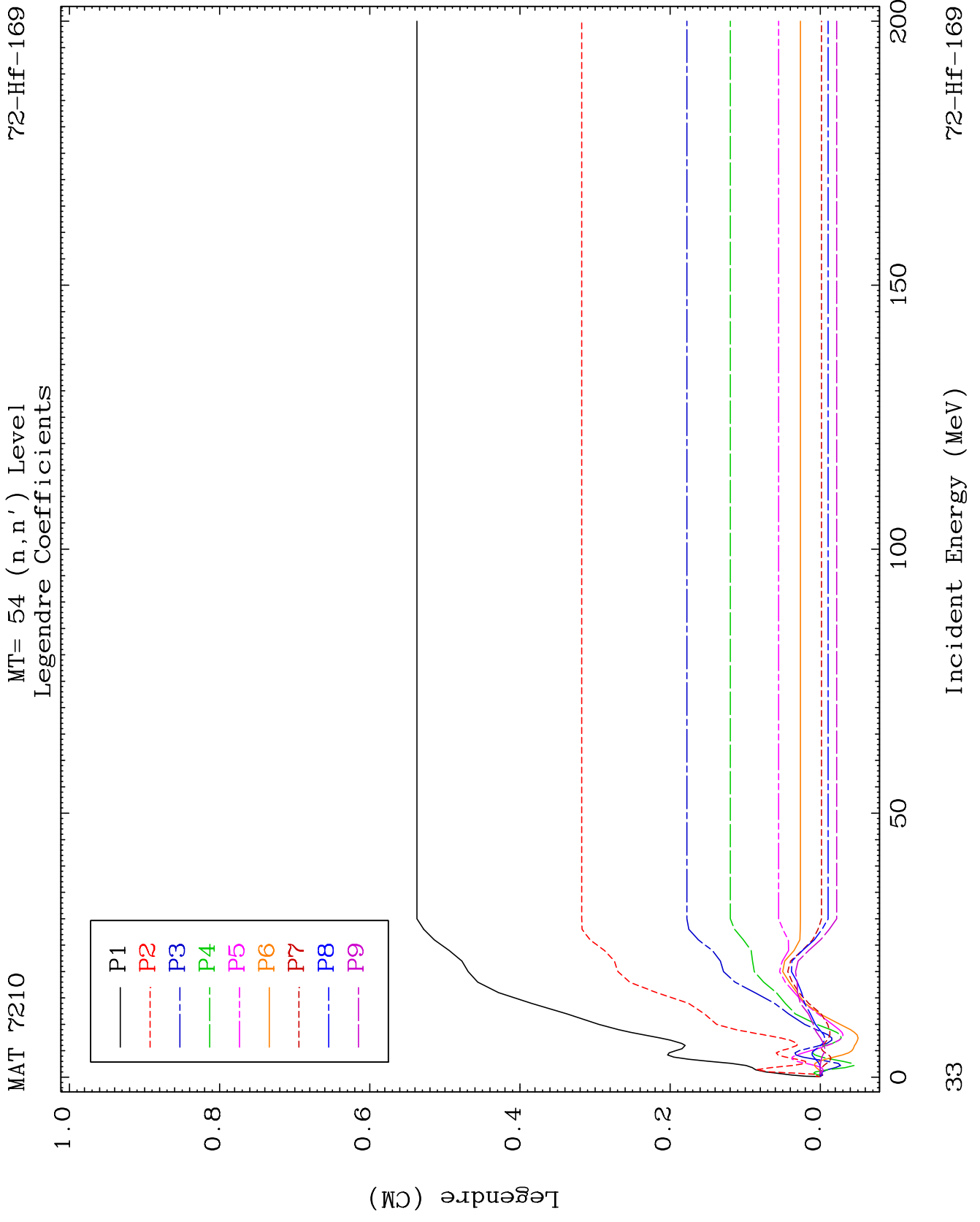
MAT 7210

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

72-Hf-169



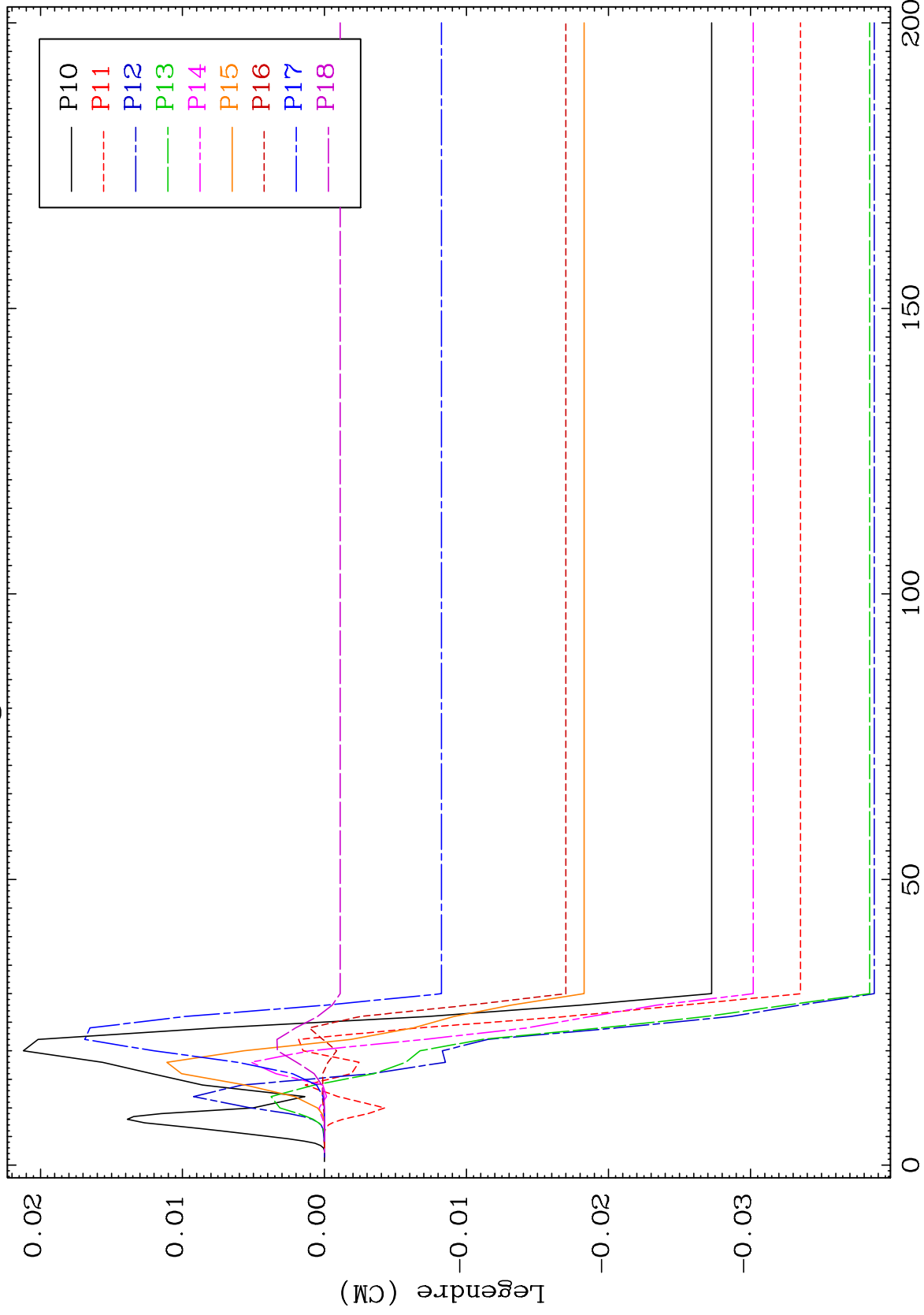
32



MAT 7210

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

72-Hf-169



34

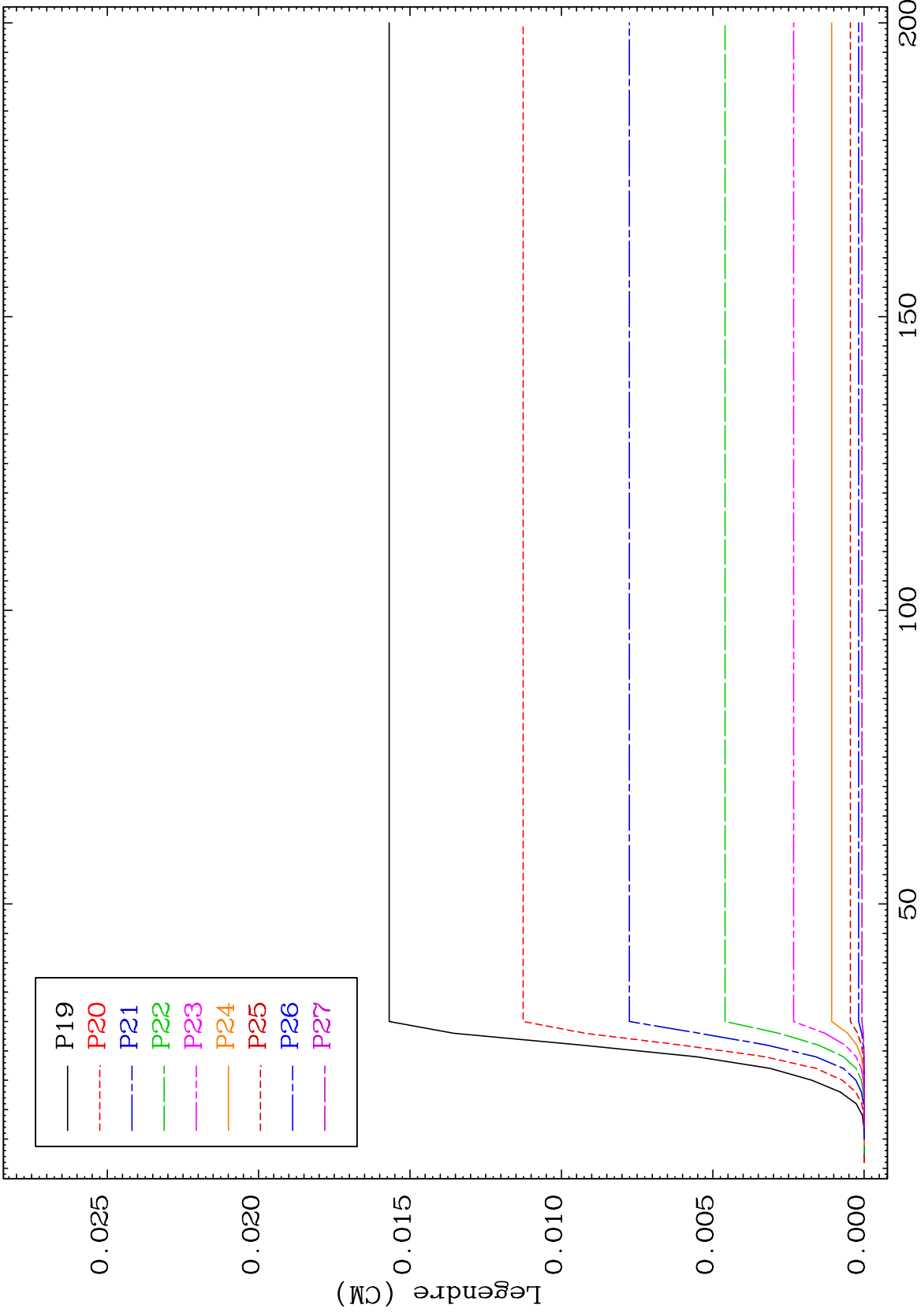
Incident Energy (MeV)

72-Hf-169

MAT 7210

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

72-Hf-169



35

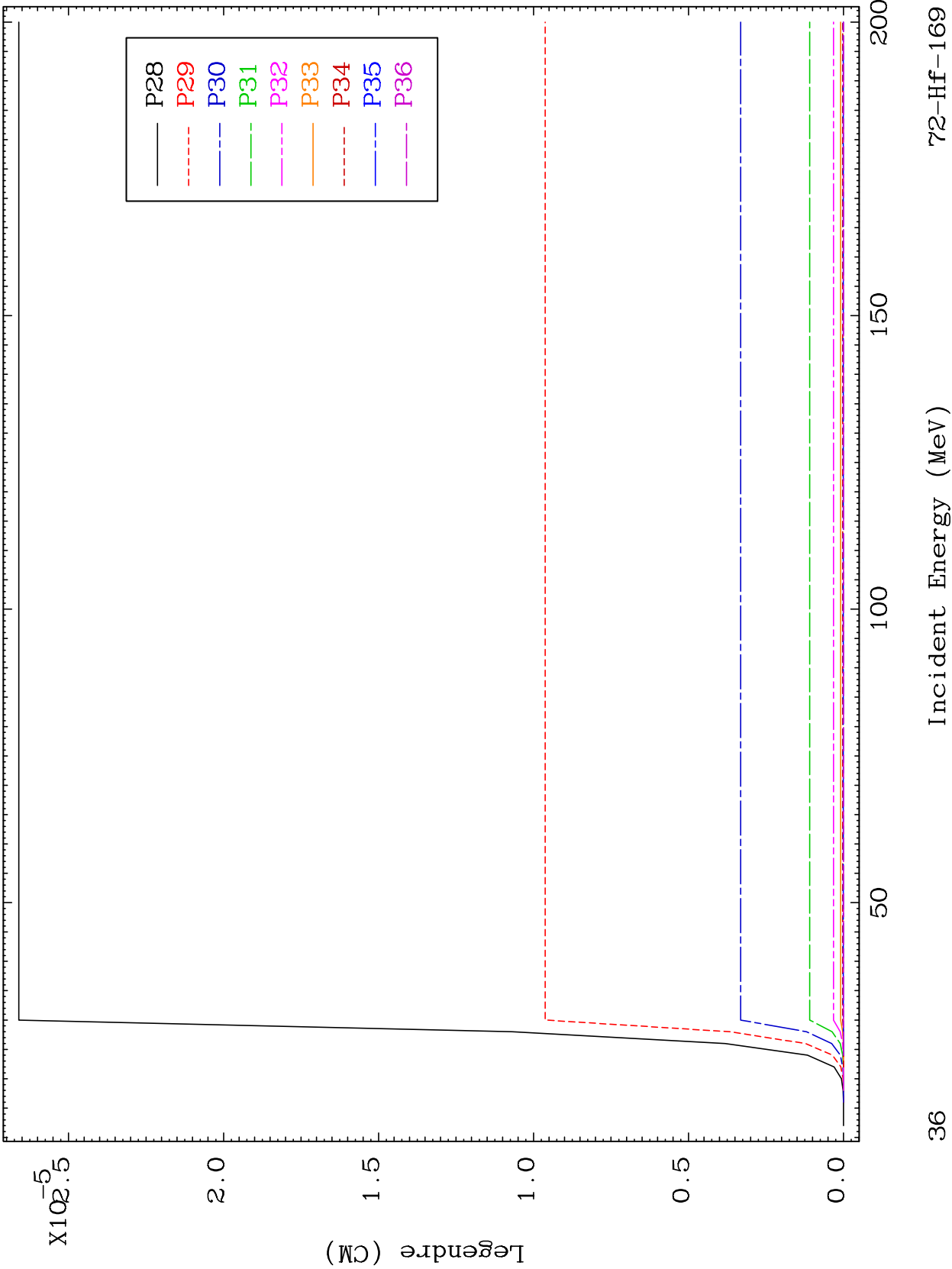
Incident Energy (MeV)

72-Hf-169

MAT 7210

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

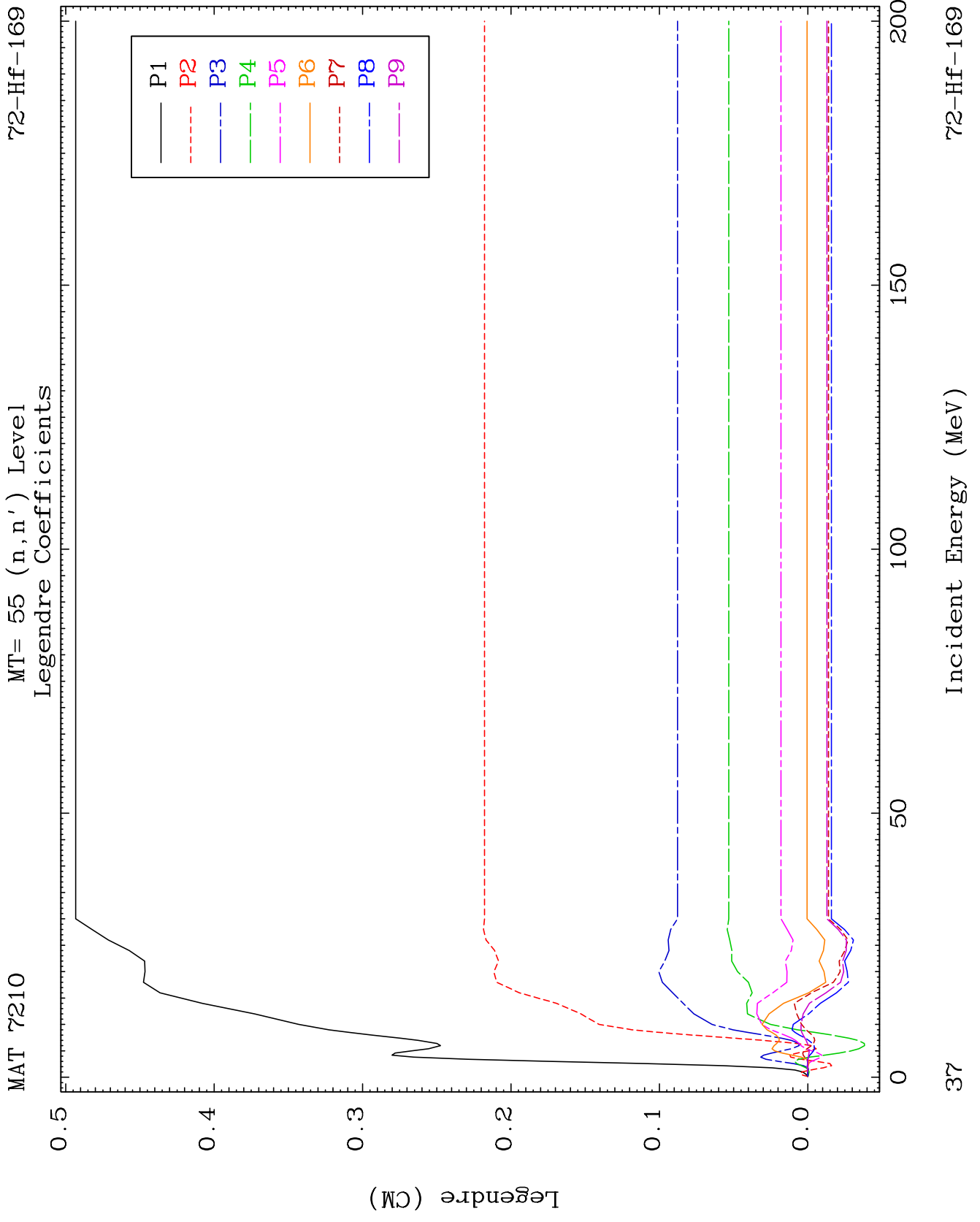
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36

Incident Energy (MeV)

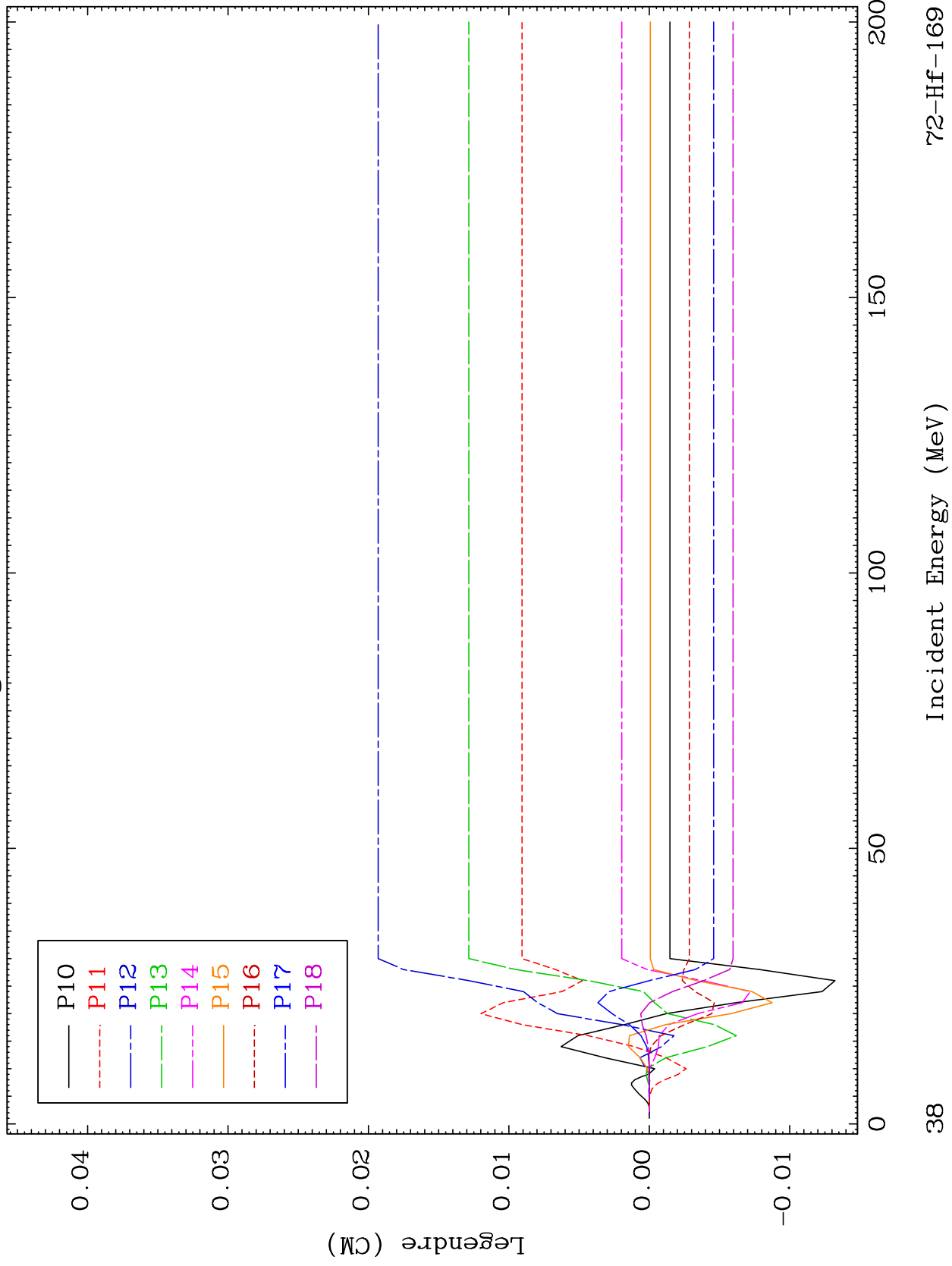
72-Hf-169



MAT 7210

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

72-Hf-169



38

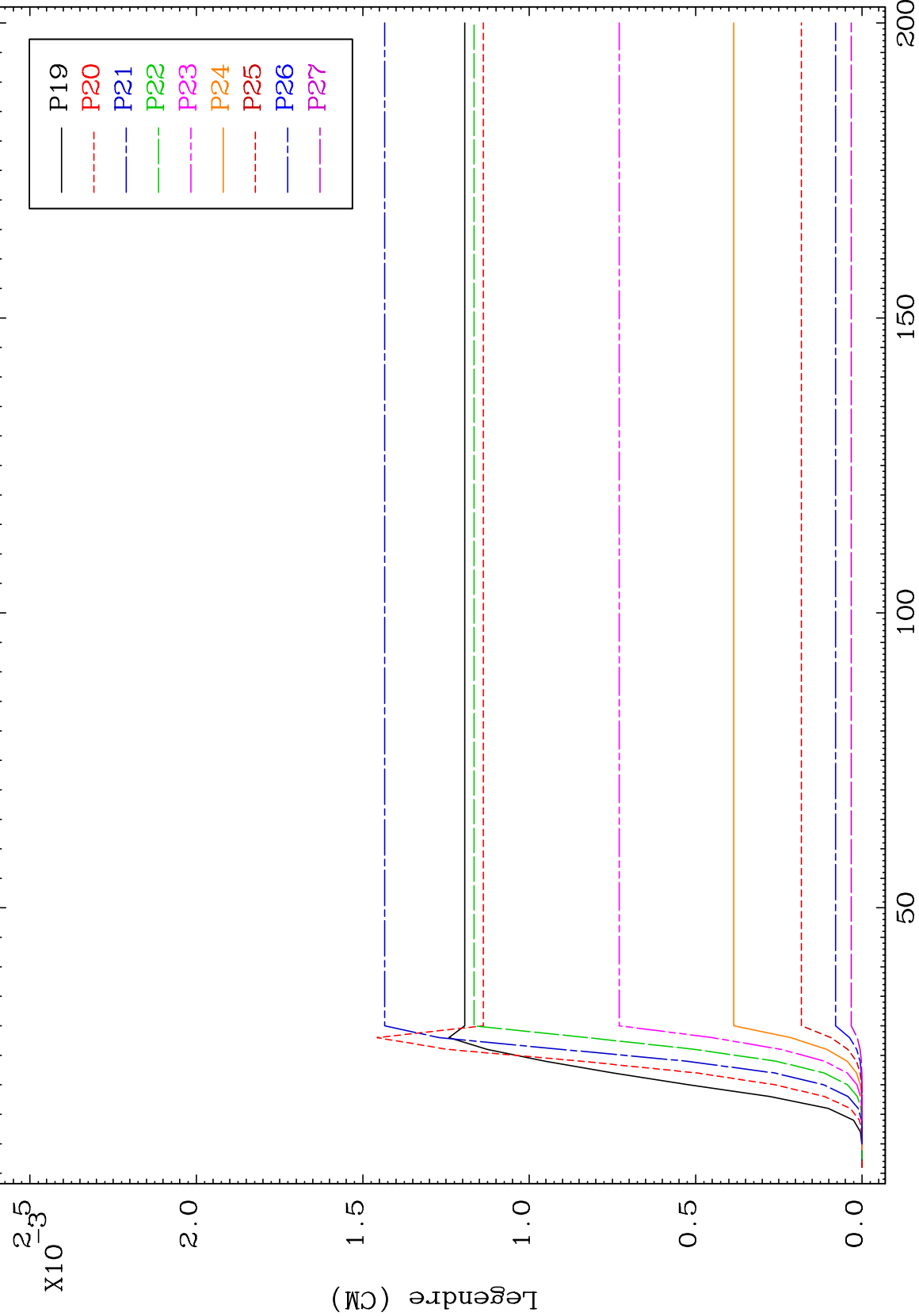
Incident Energy (MeV)

72-Hf-169

MAT 7210

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

72-Hf-169

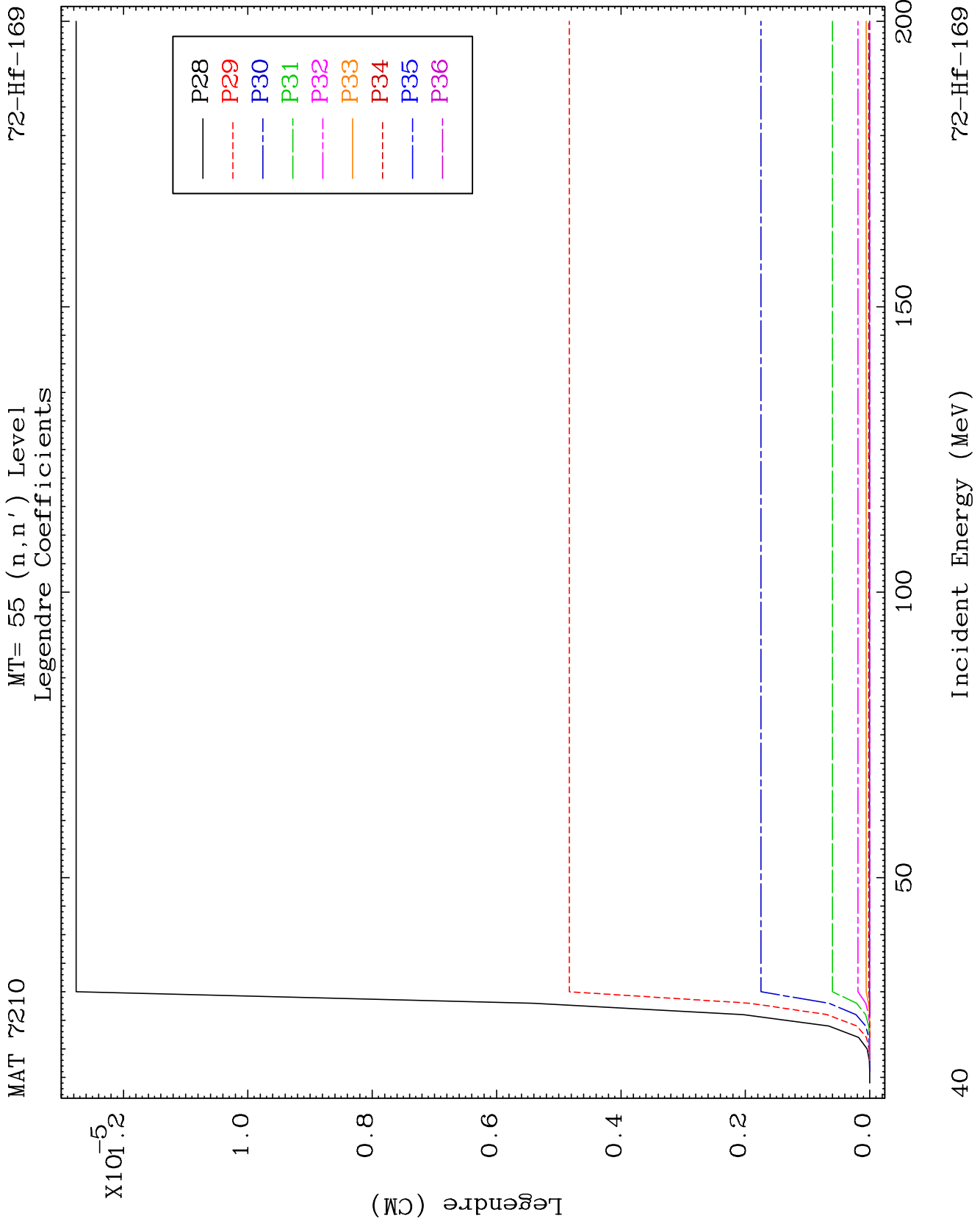


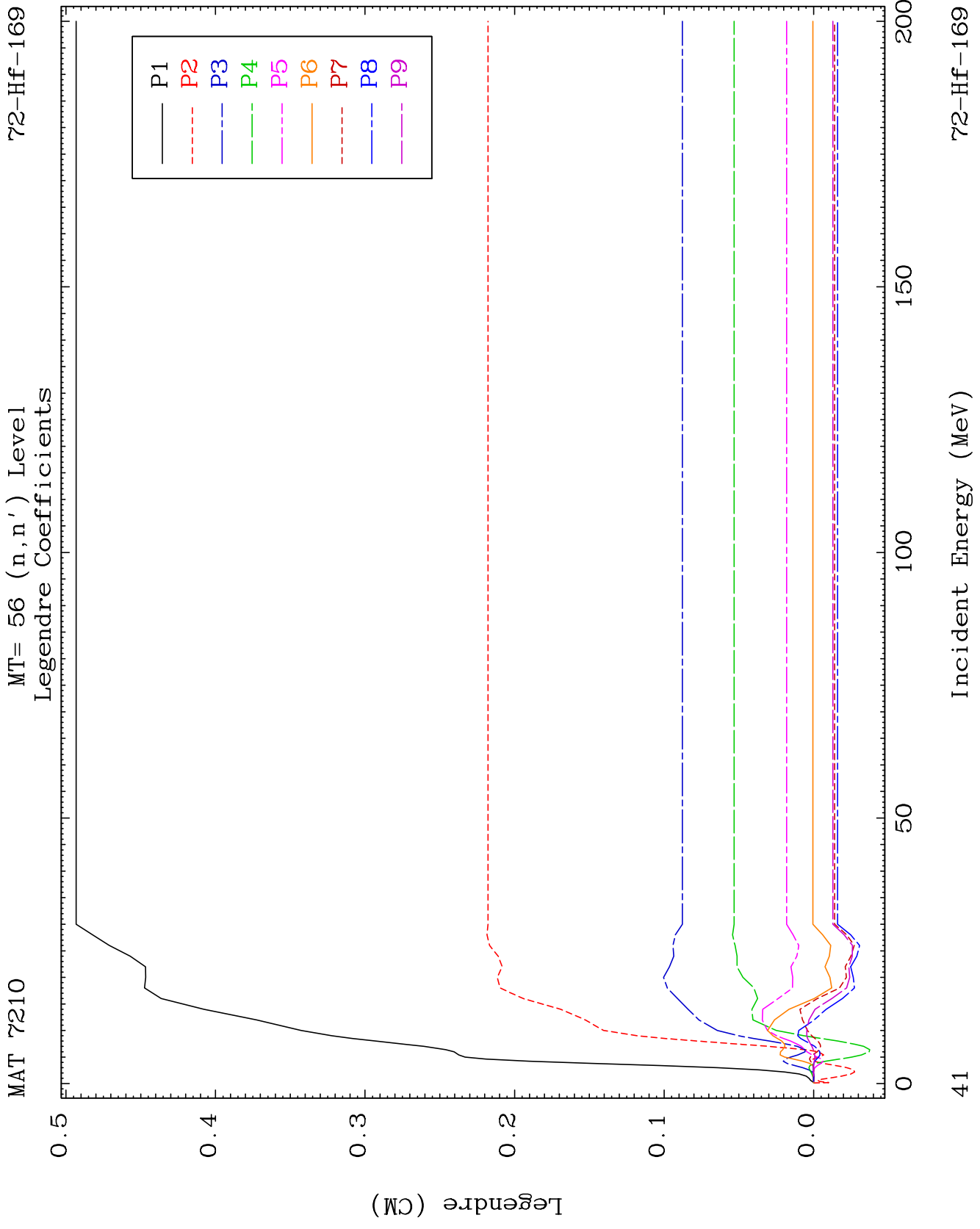
39

Incident Energy (MeV)

72-Hf-169



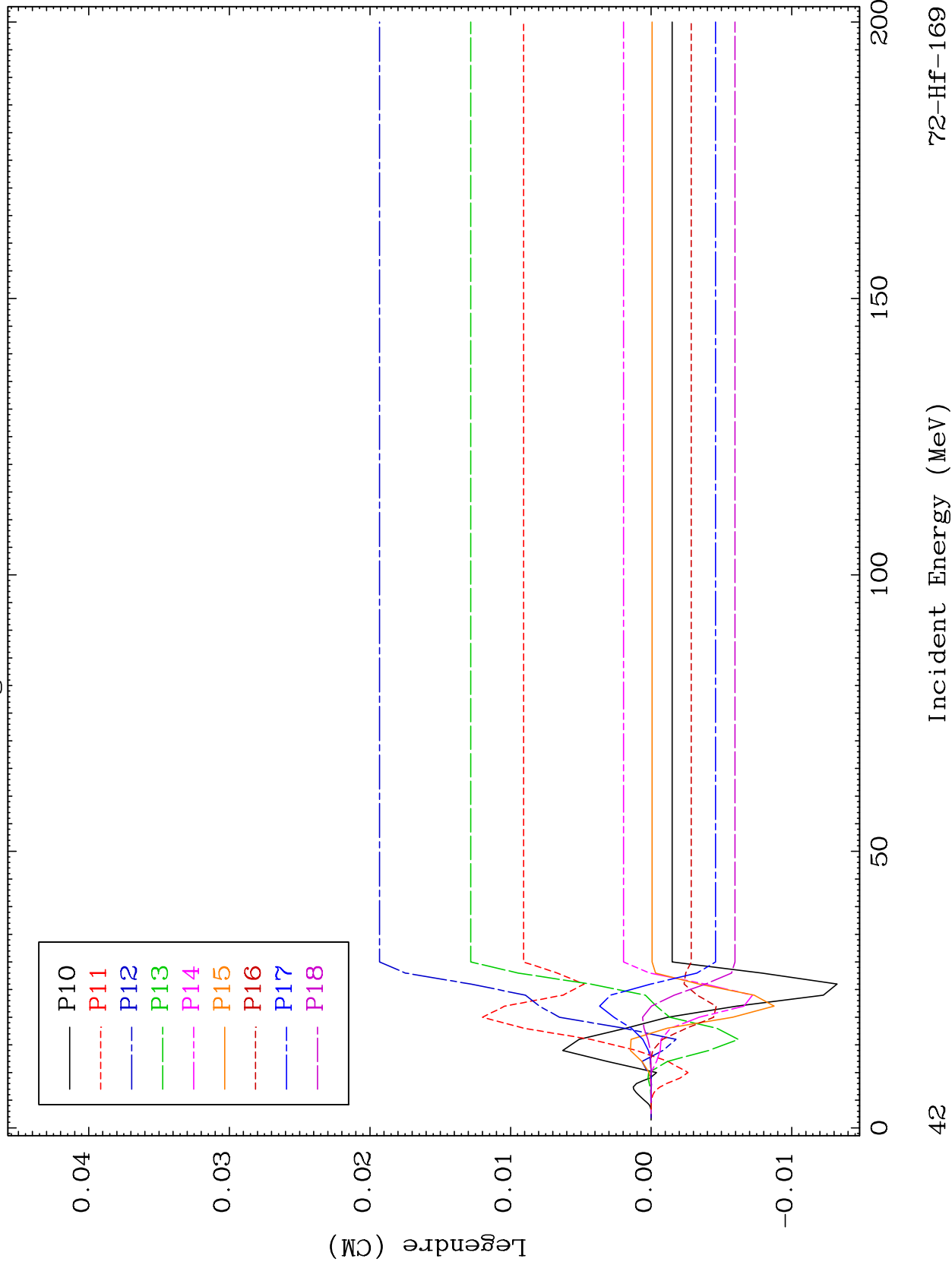




MAT 7210

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

72-Hf-169



72-Hf-169

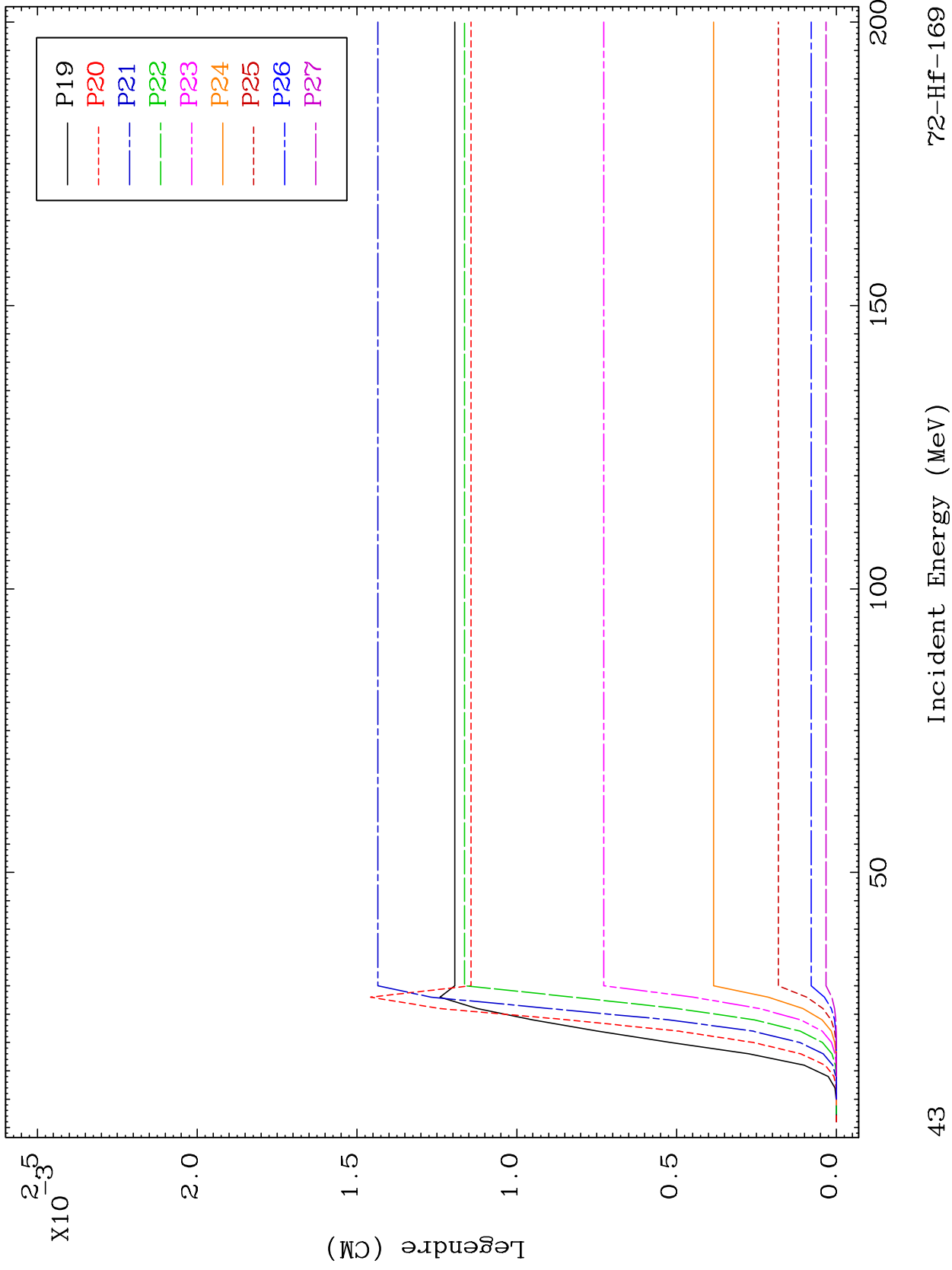
Incident Energy (MeV)

42

MAT 7210

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

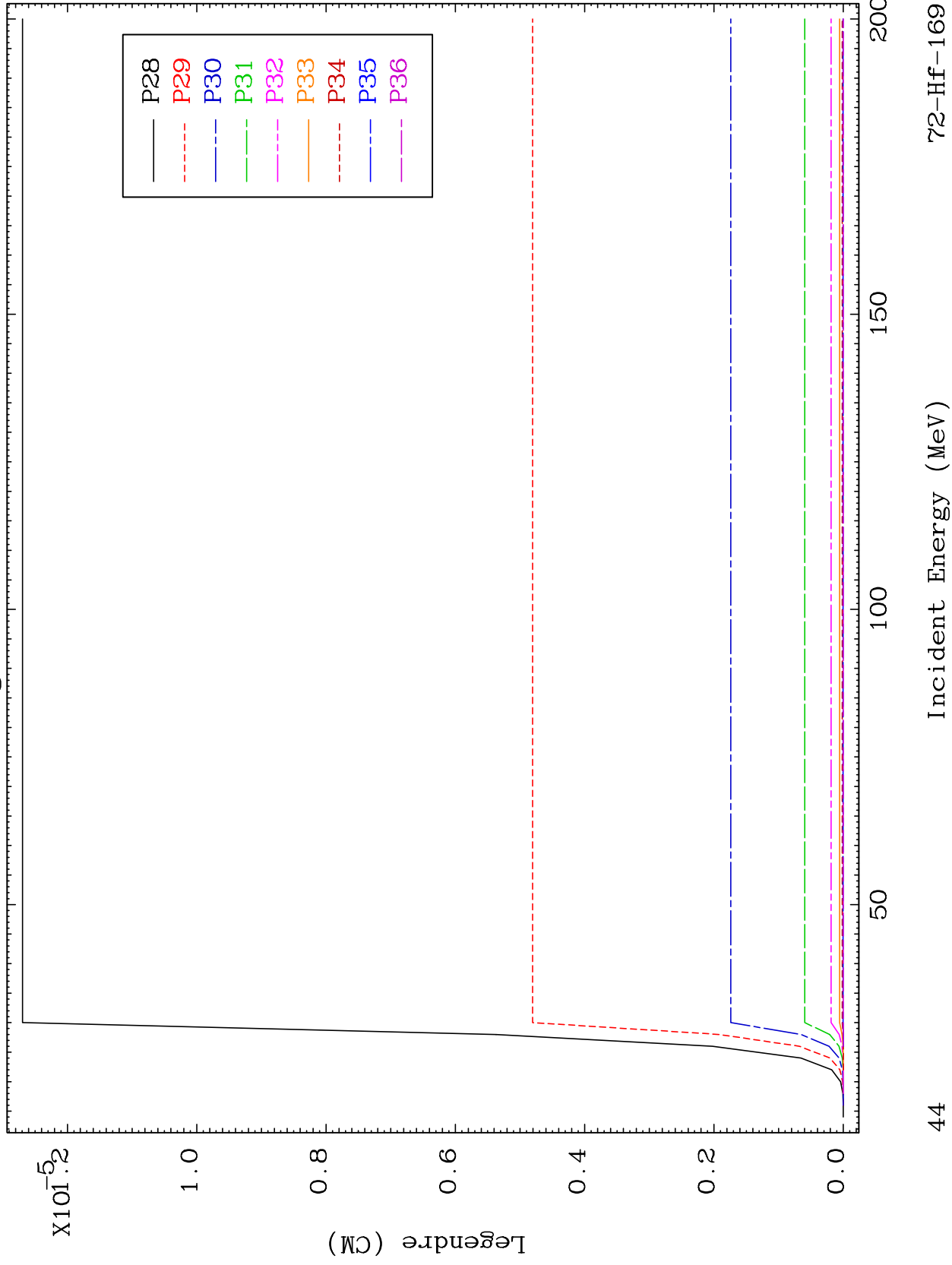
72-Hf-169



MAT 7210

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

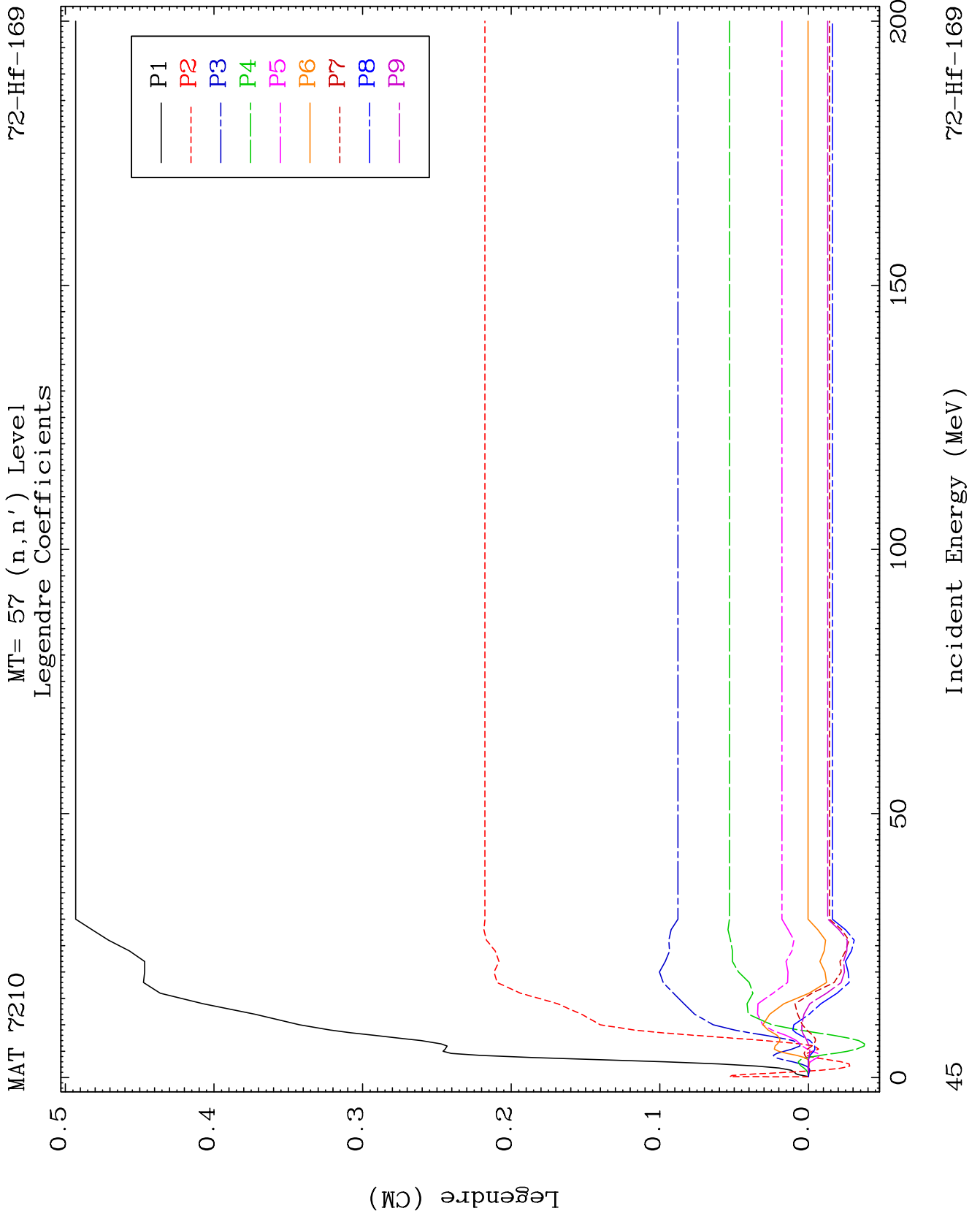
72-Hf-169



44

Incident Energy (MeV)

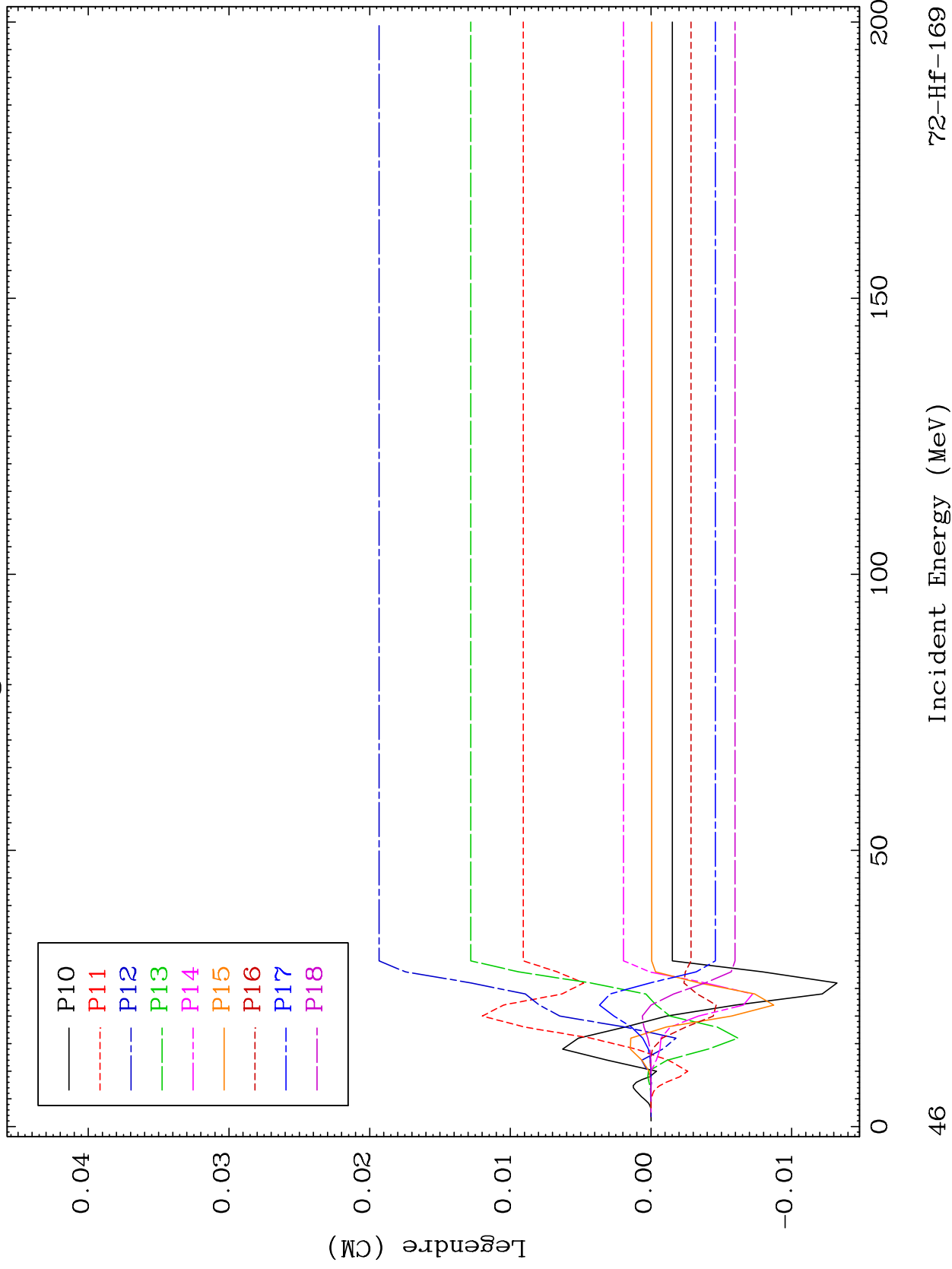
72-Hf-169



MAT 7210

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

72-Hf-169



46

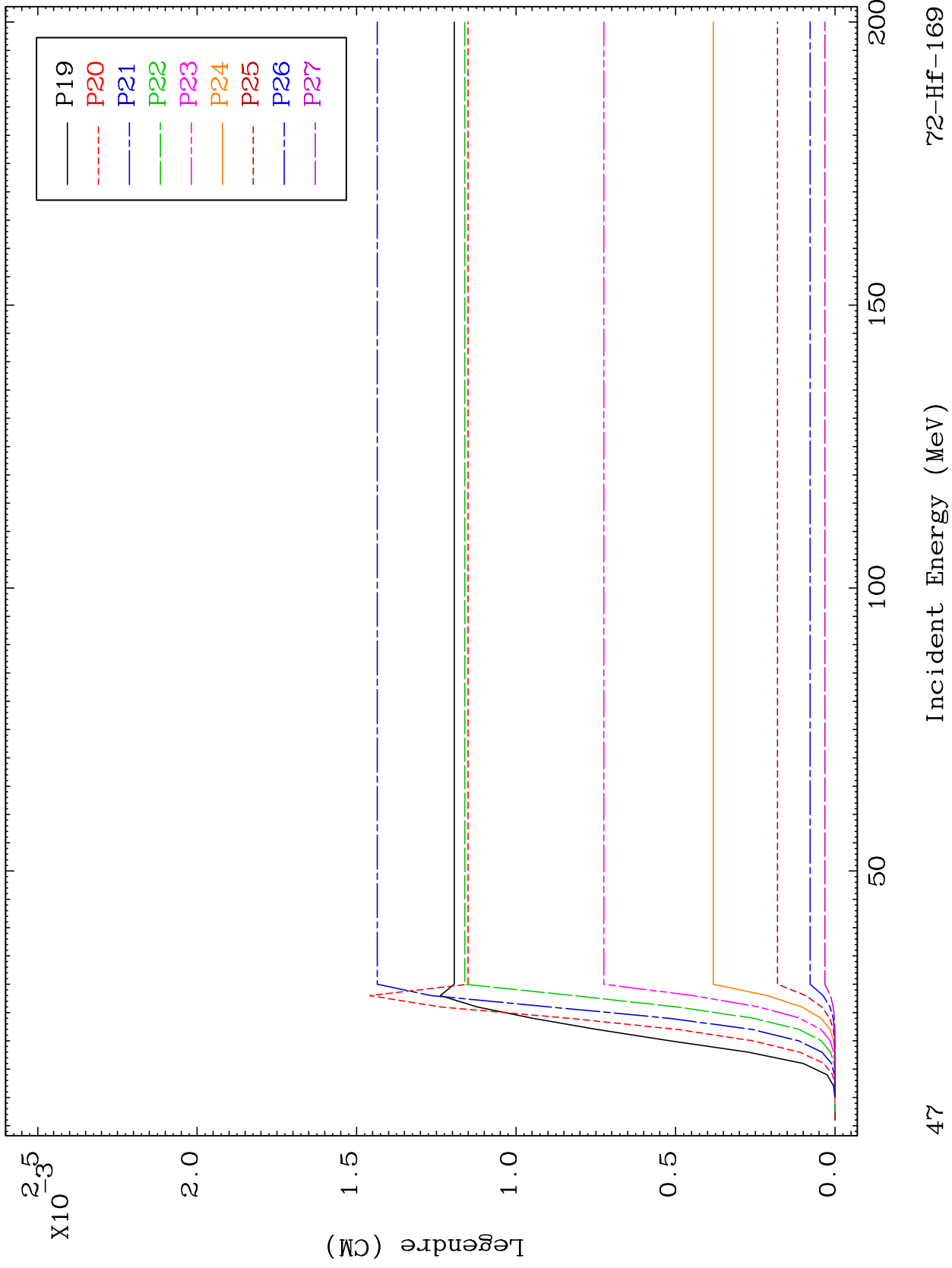
Incident Energy (MeV)

72-Hf-169

MAT 7210

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

72-Hf-169



47

Incident Energy (MeV)

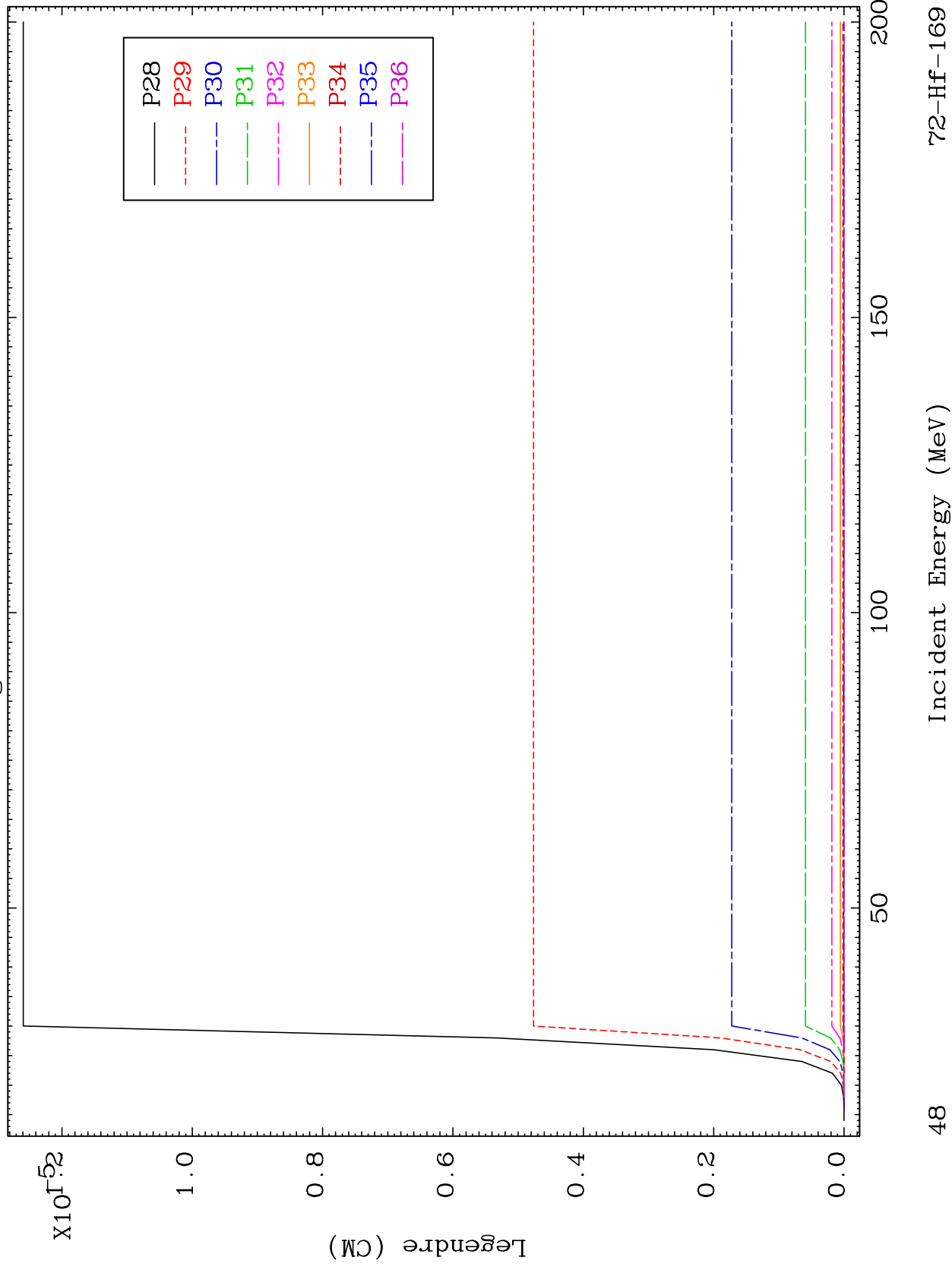
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MAT 7210

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

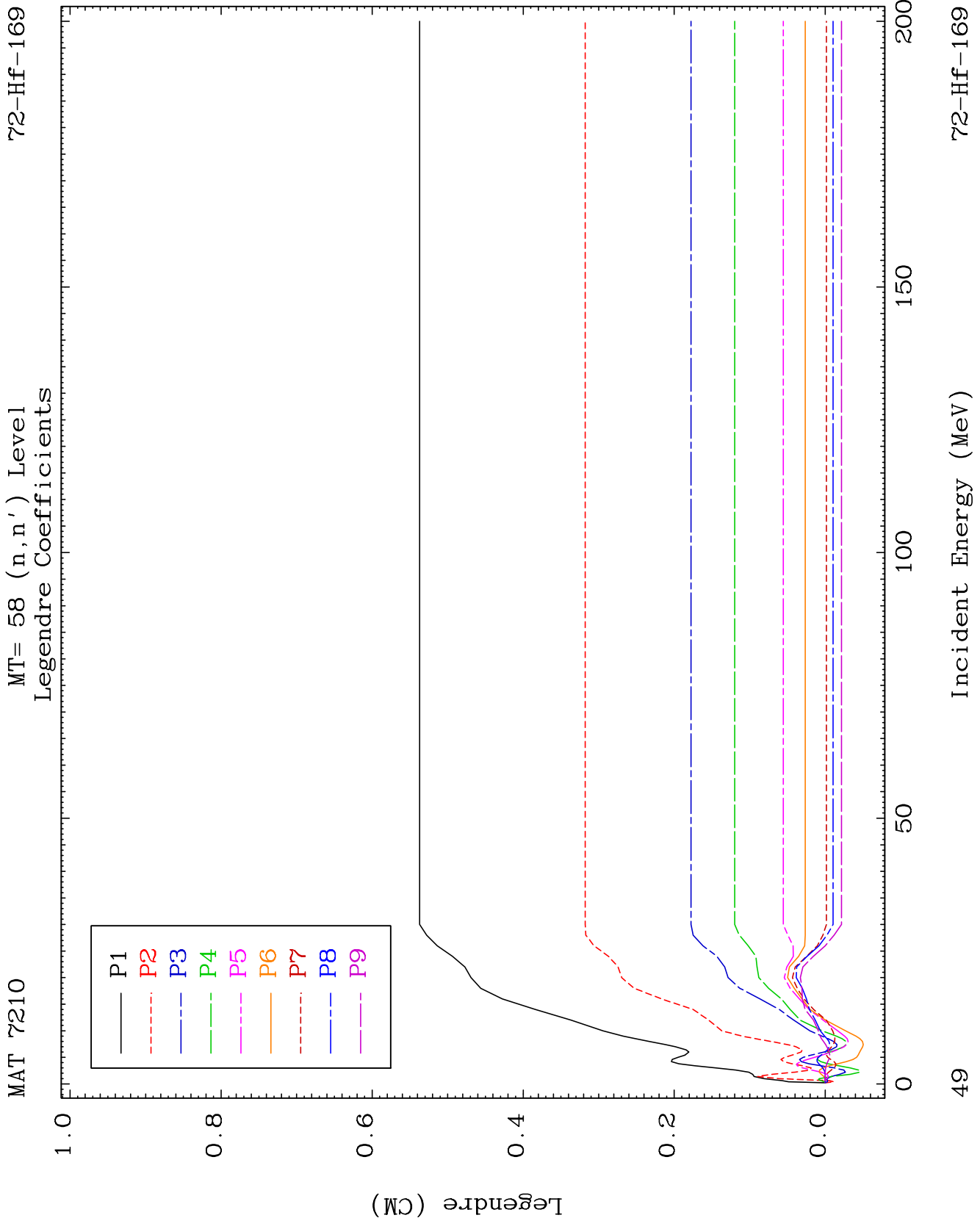
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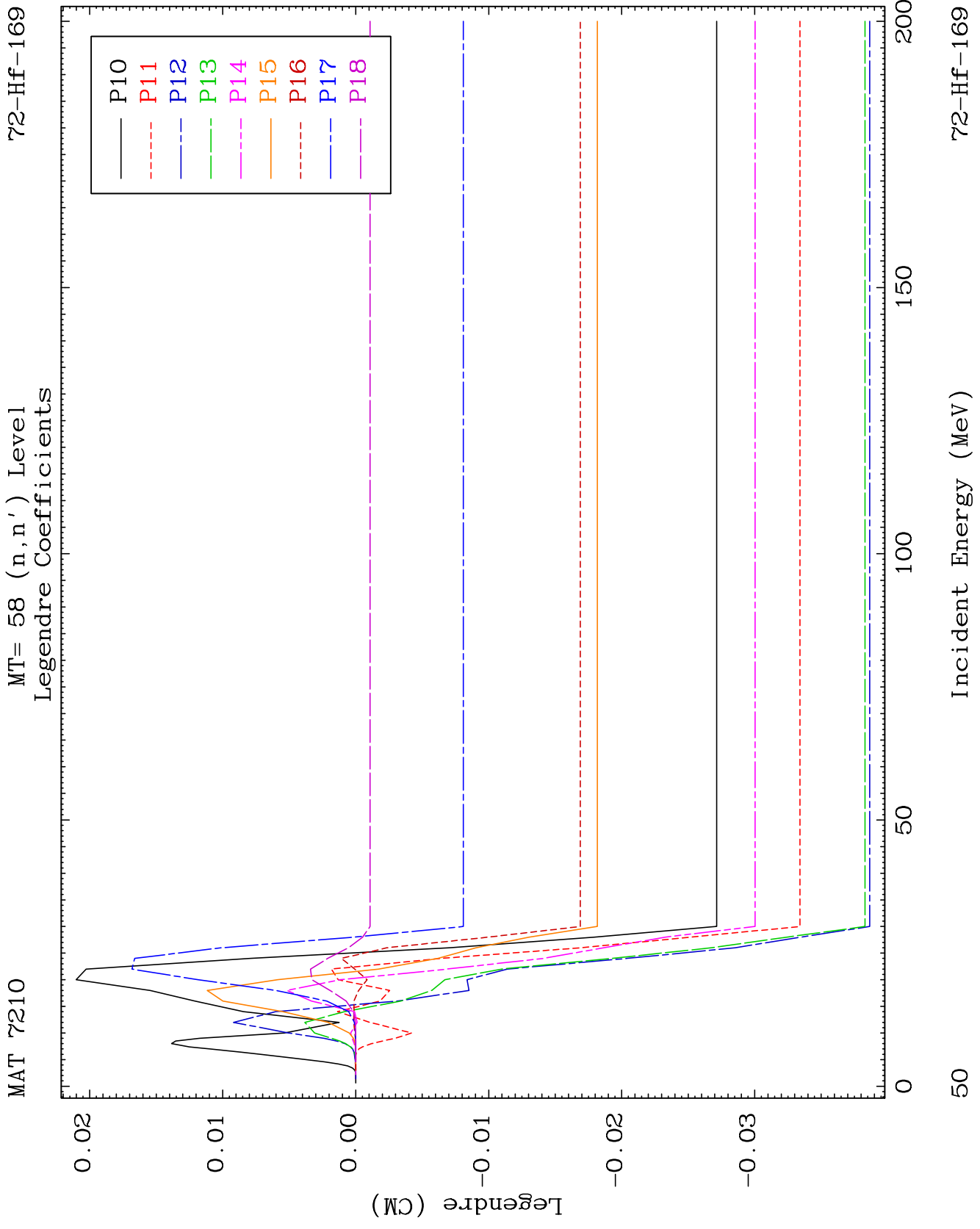


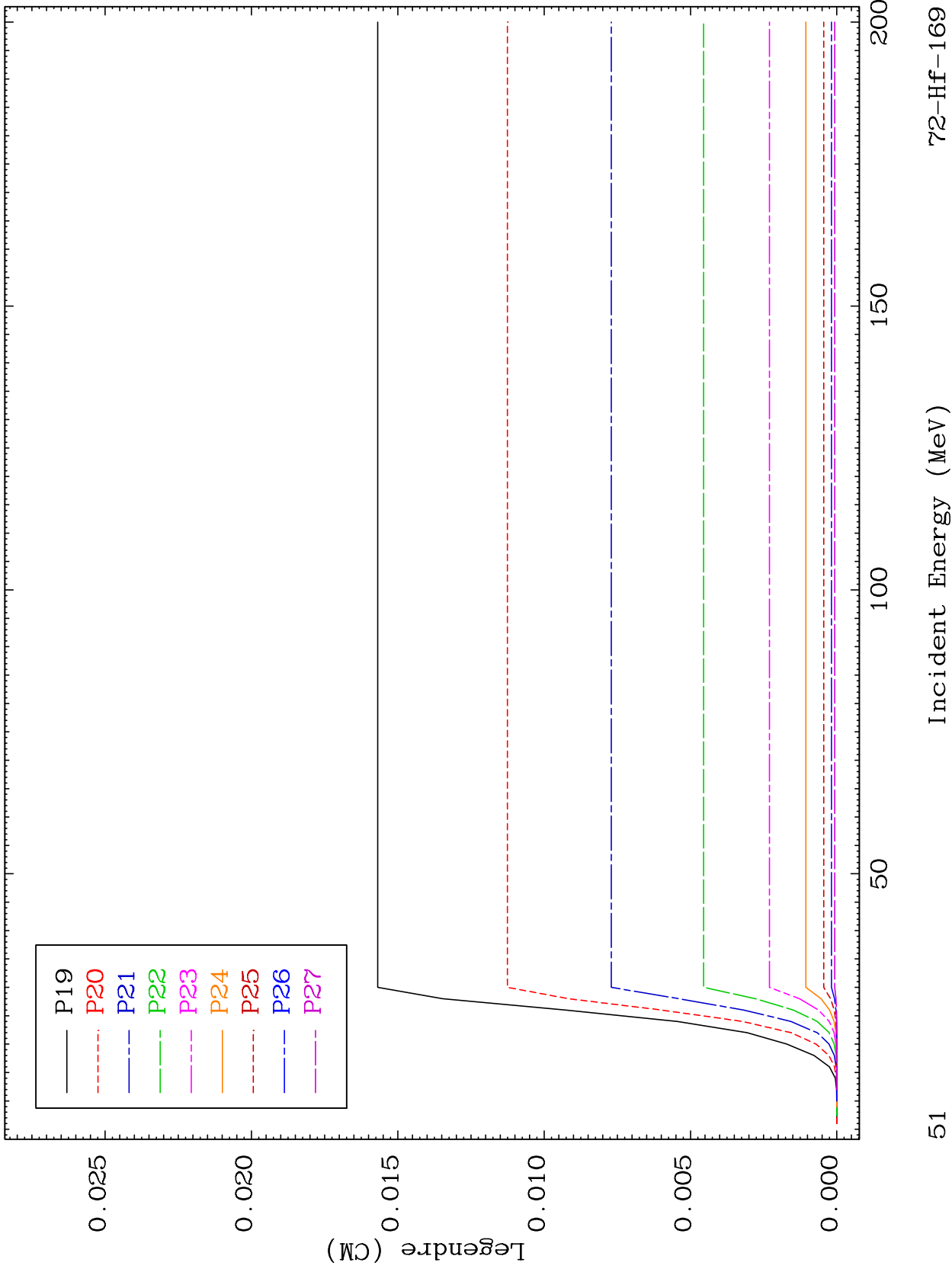
48

Incident Energy (MeV)

72-Hf-169



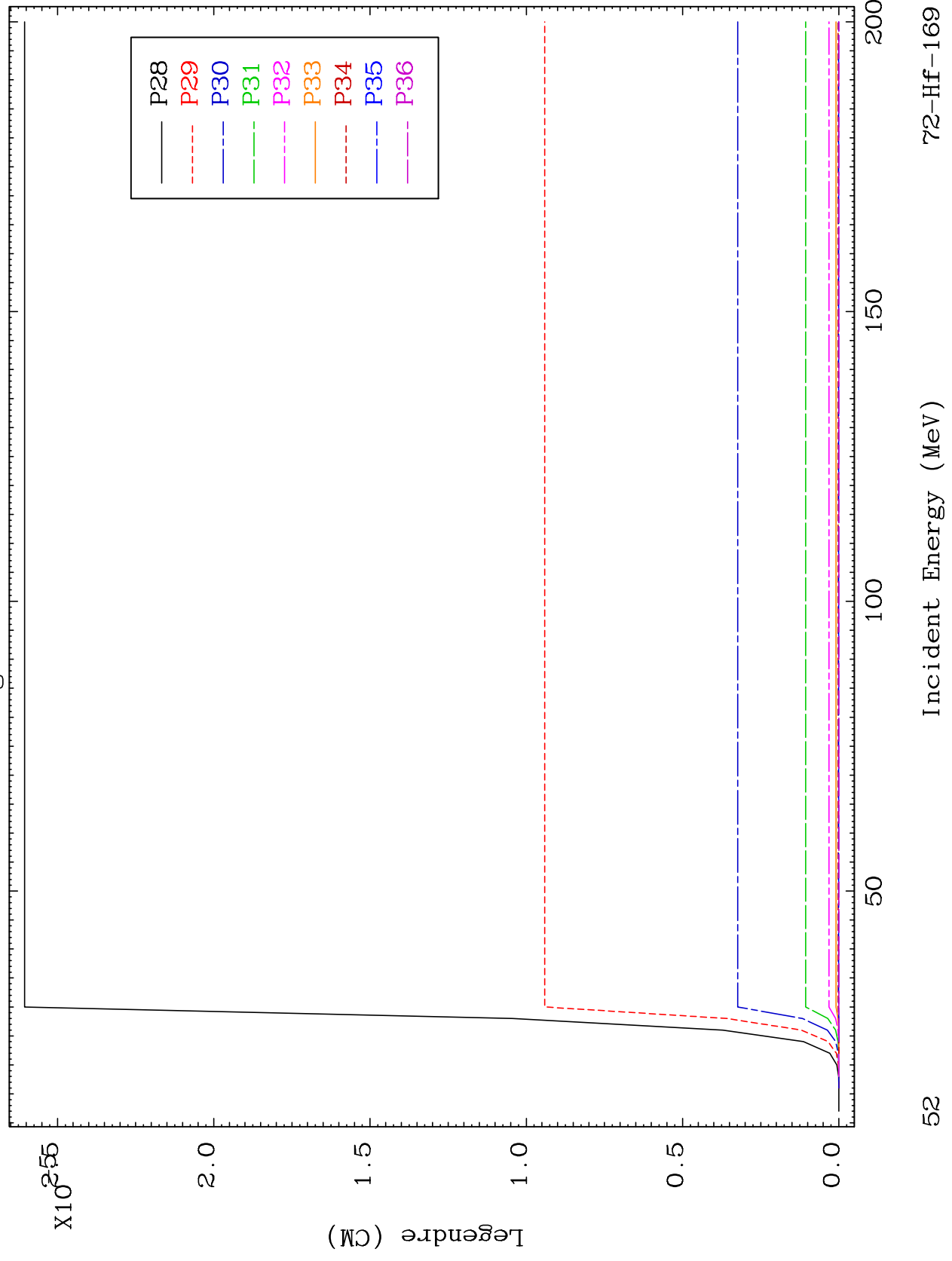




MAT 7210

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

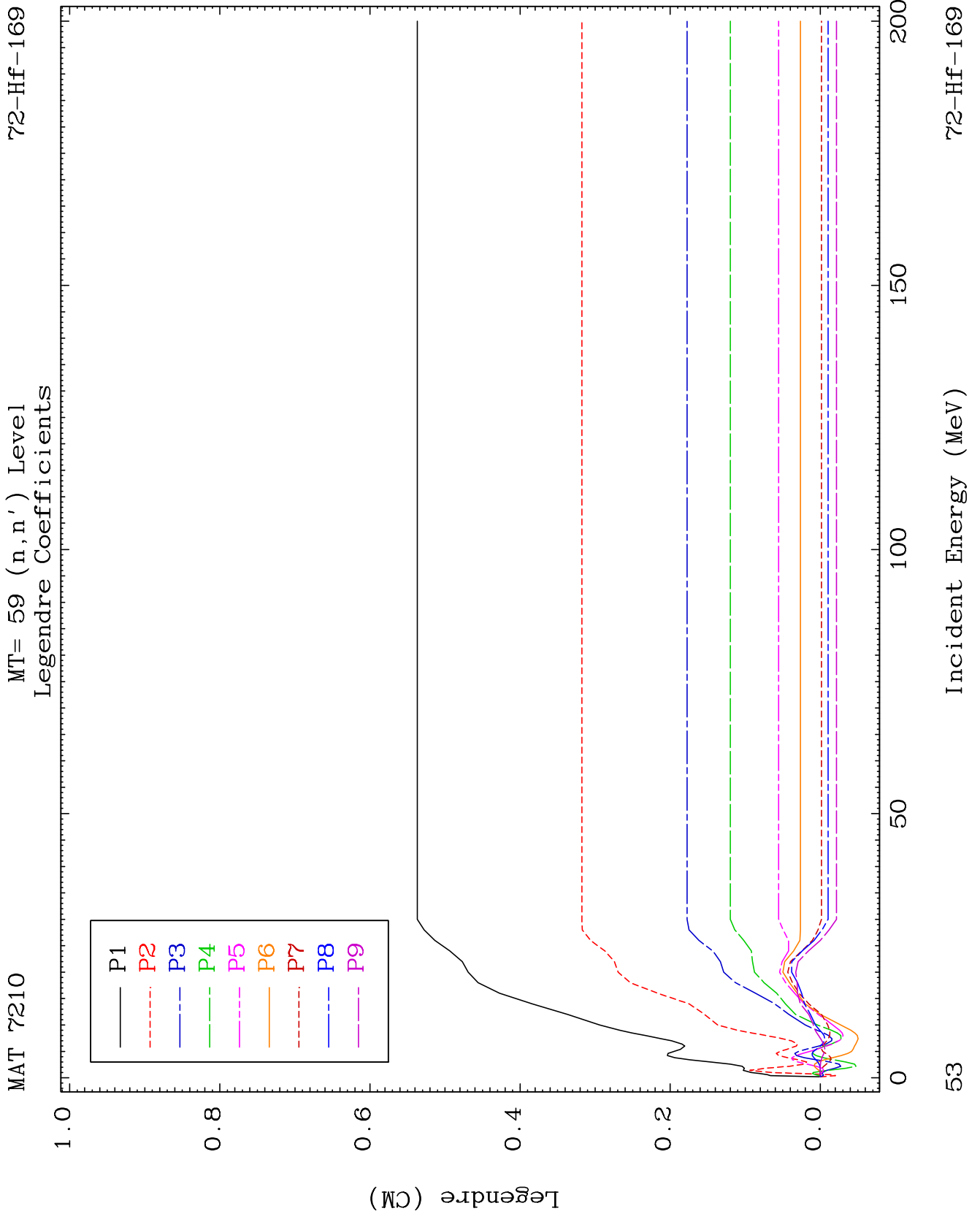
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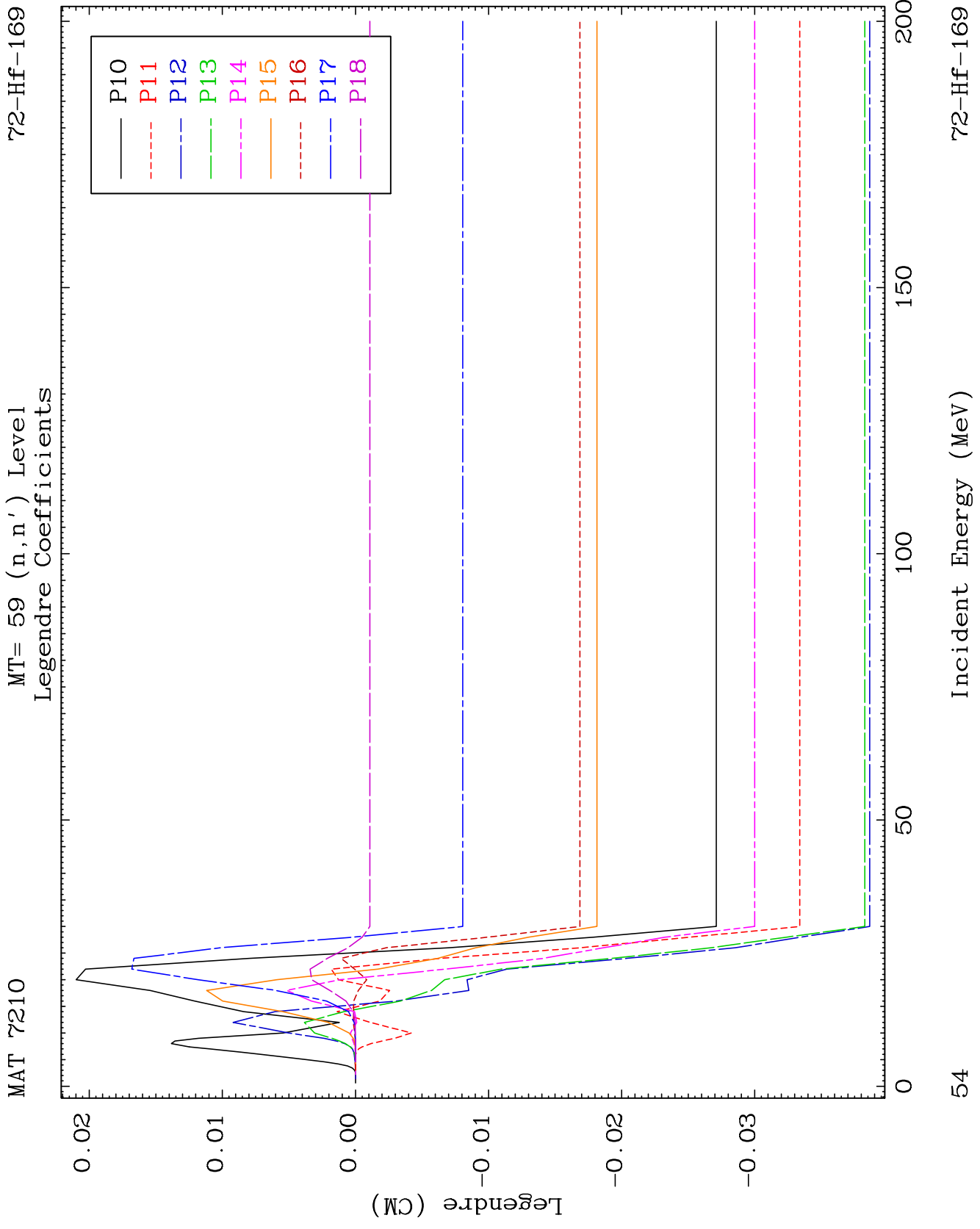


52

Incident Energy (MeV)

72-Hf-169

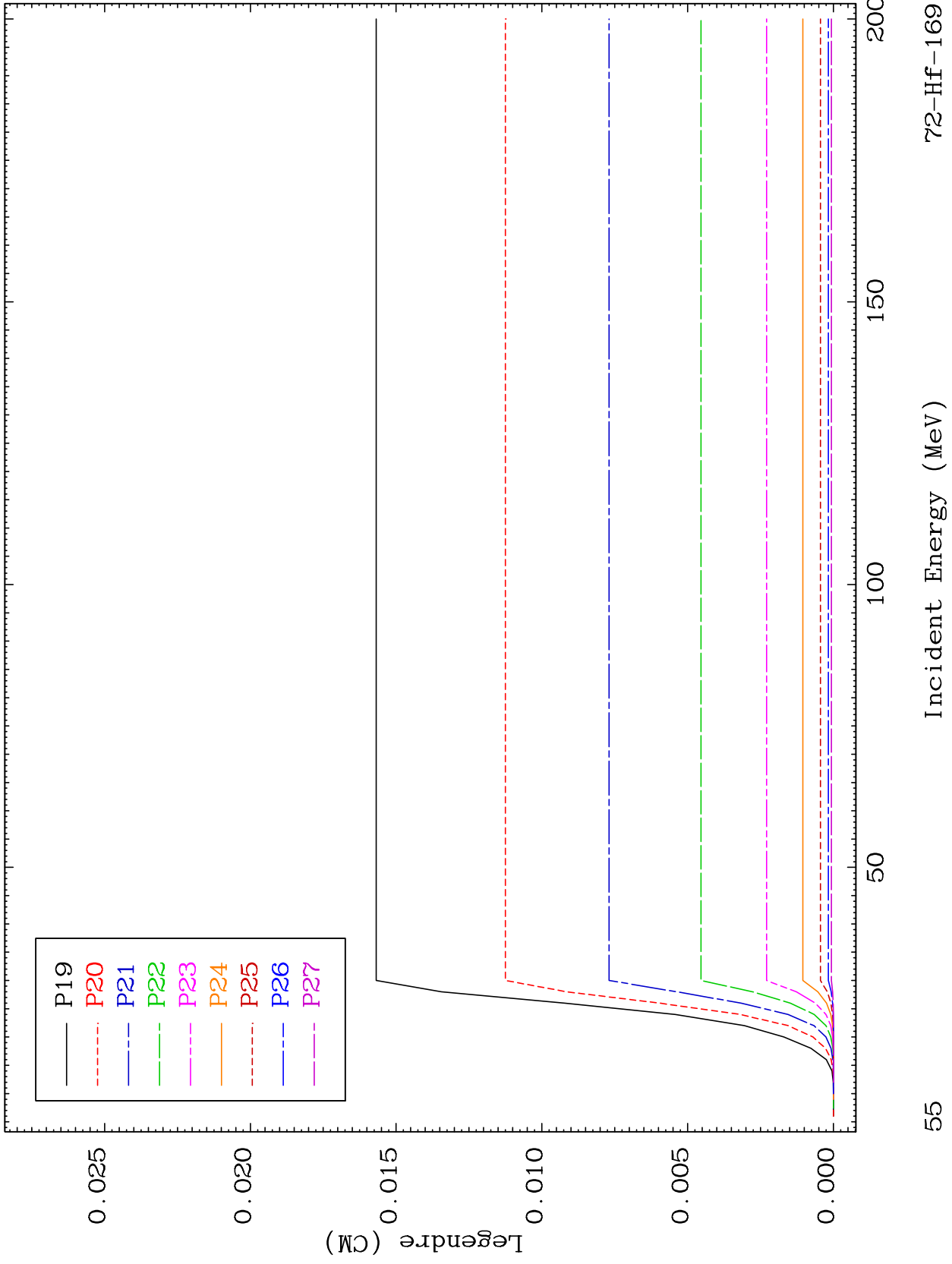




MAT 7210

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

72-Hf-169



55

Incident Energy (MeV)

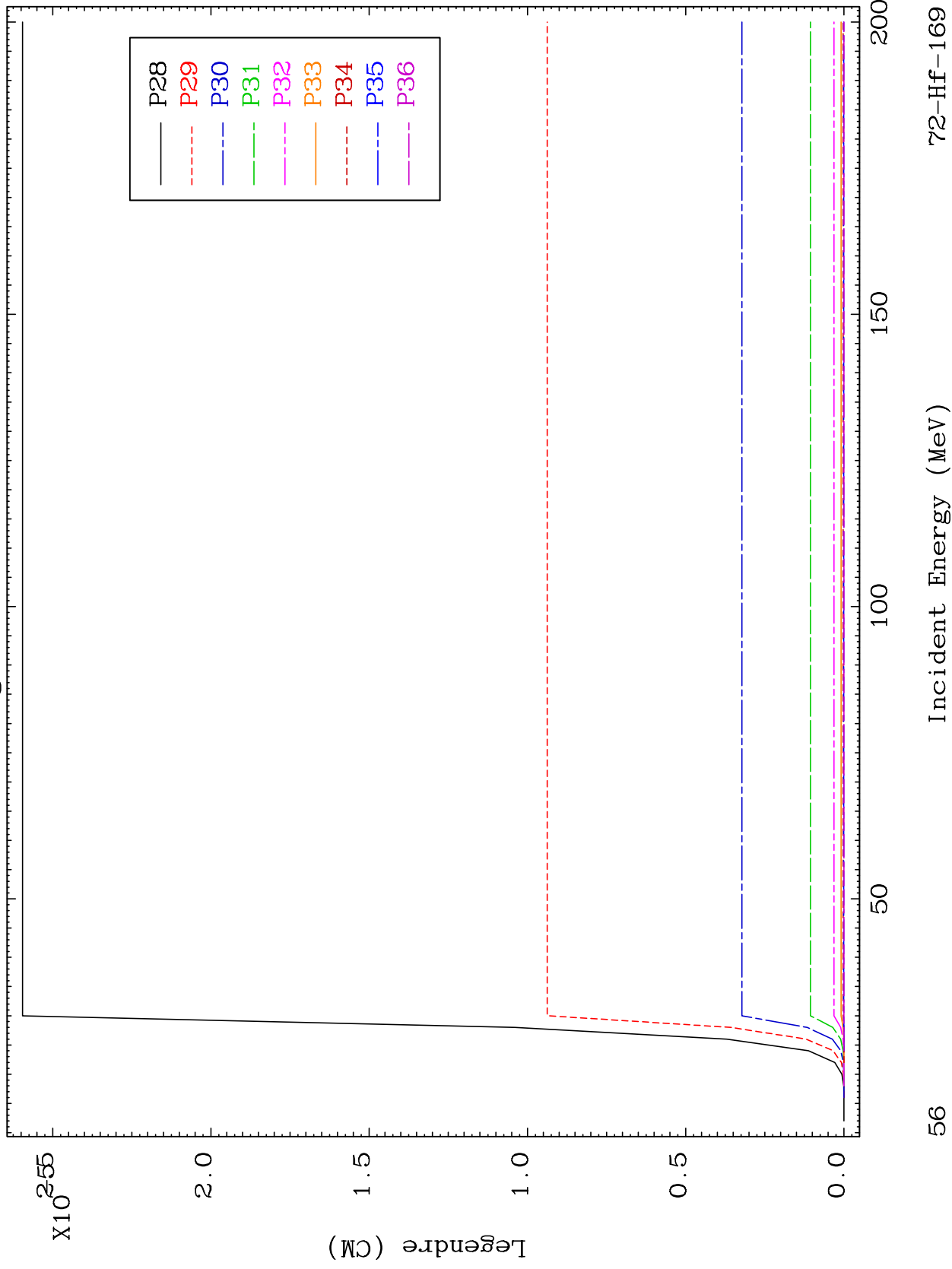
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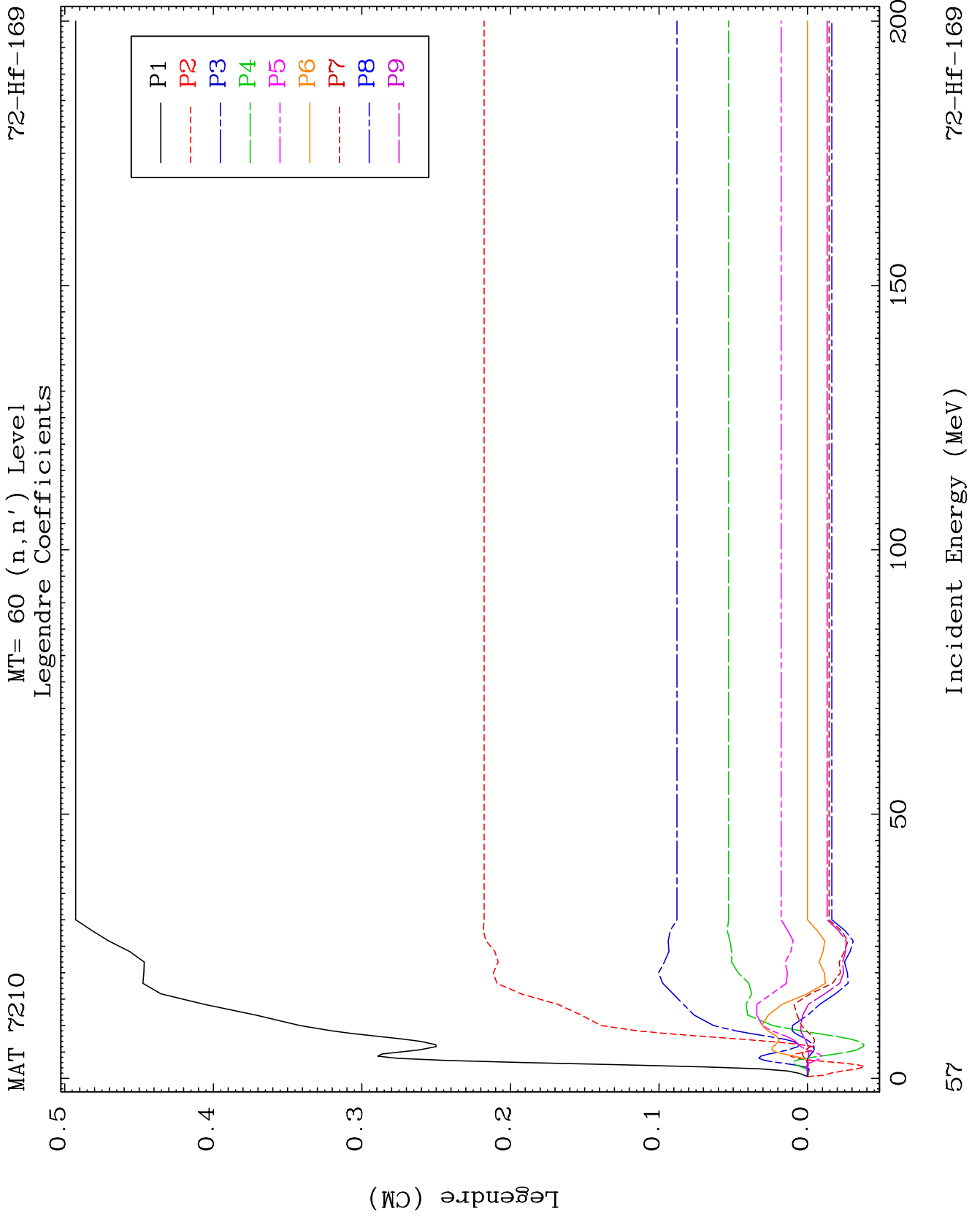


MAT 7210

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

72-Hf-169

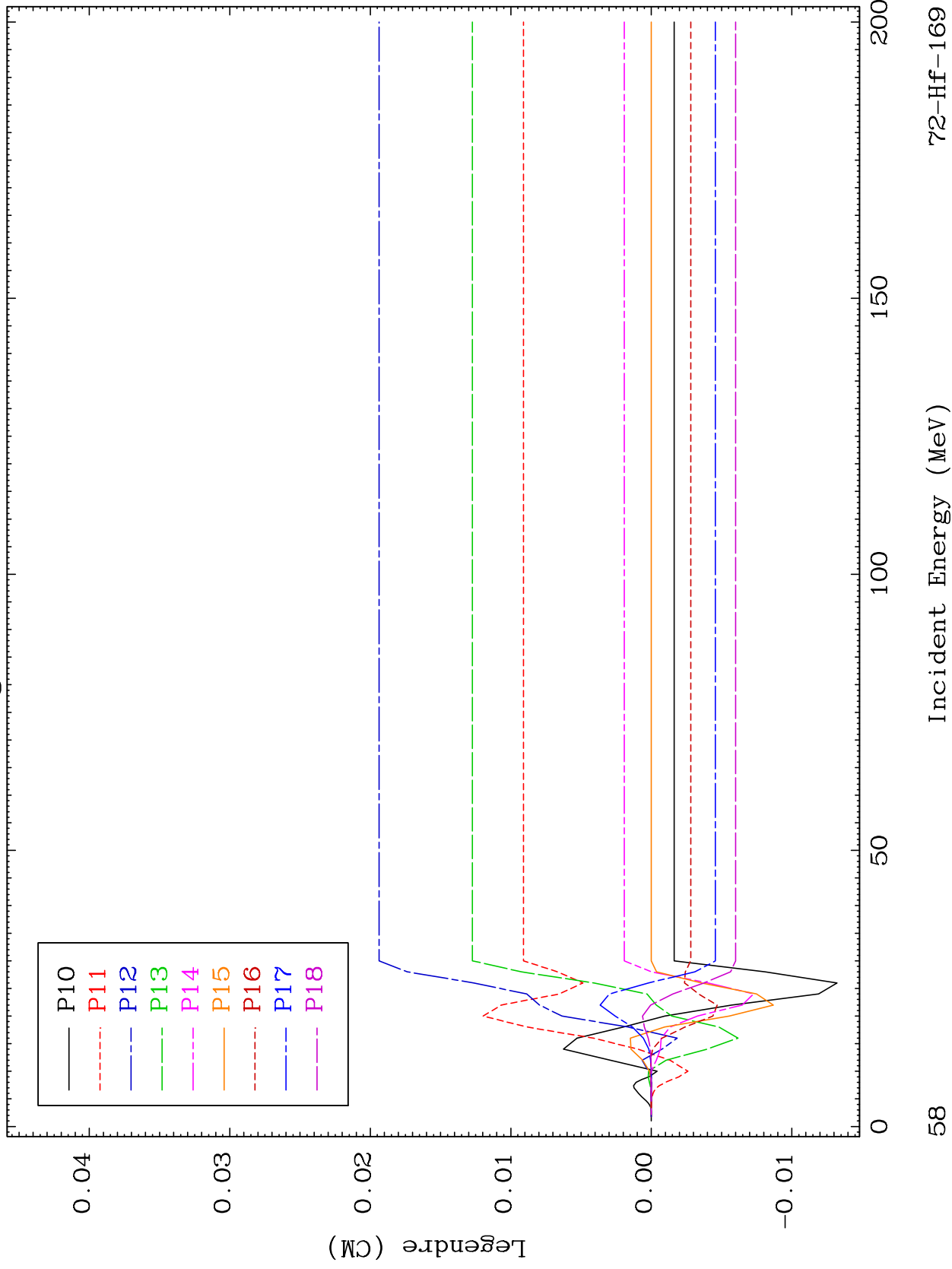




MAT 7210

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

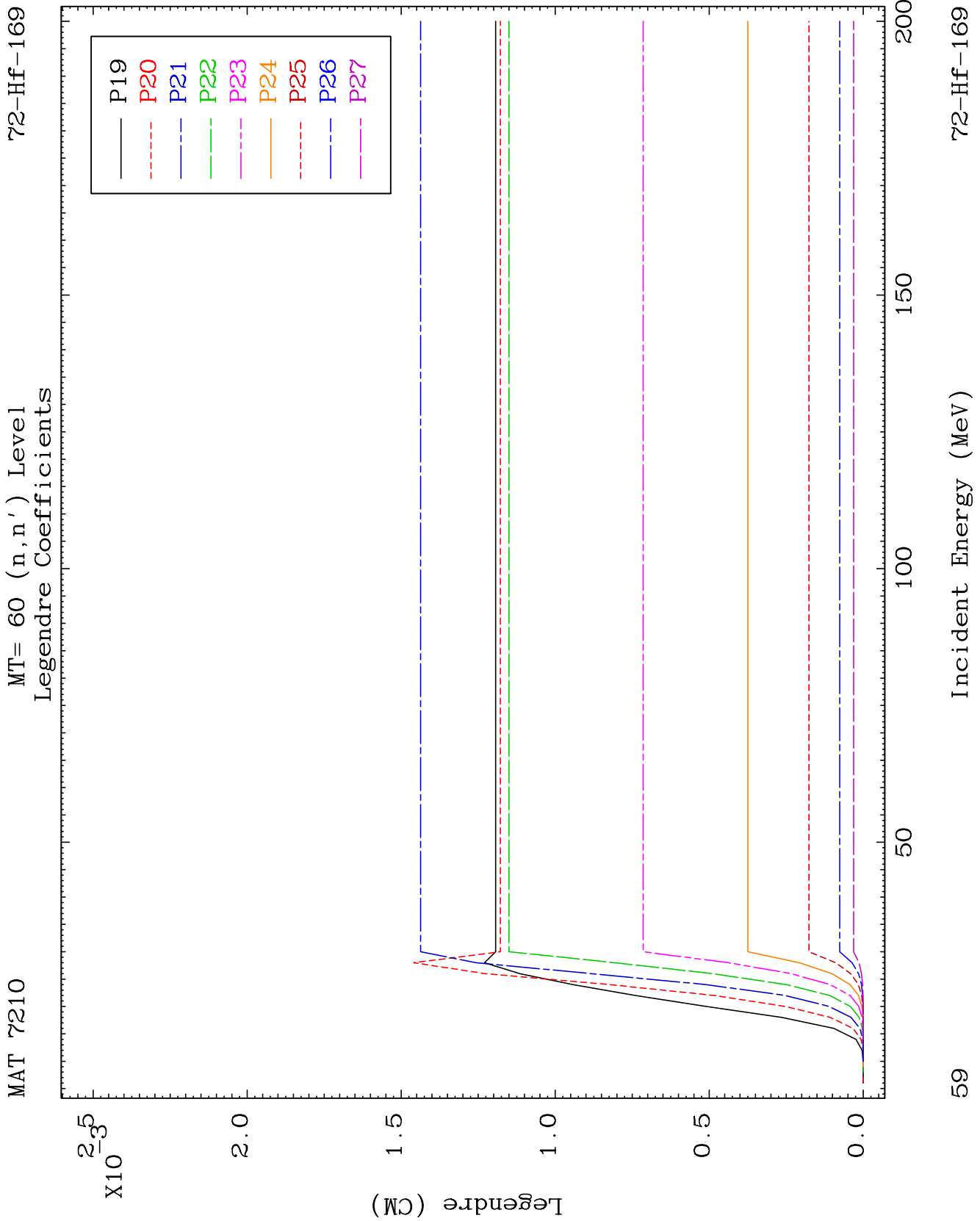
72-Hf-169



58

Incident Energy (MeV)

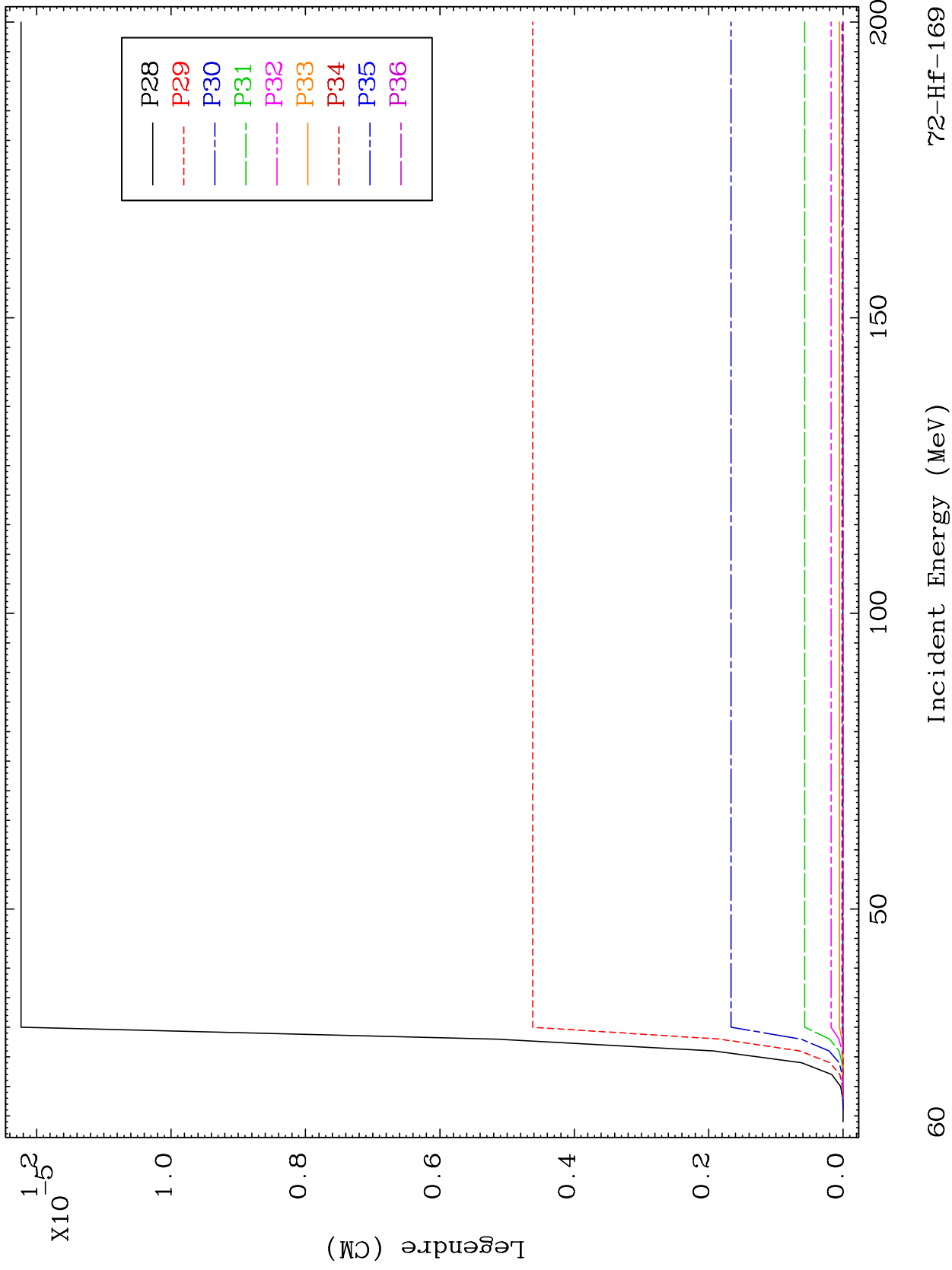
72-Hf-169



MAT 7210

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

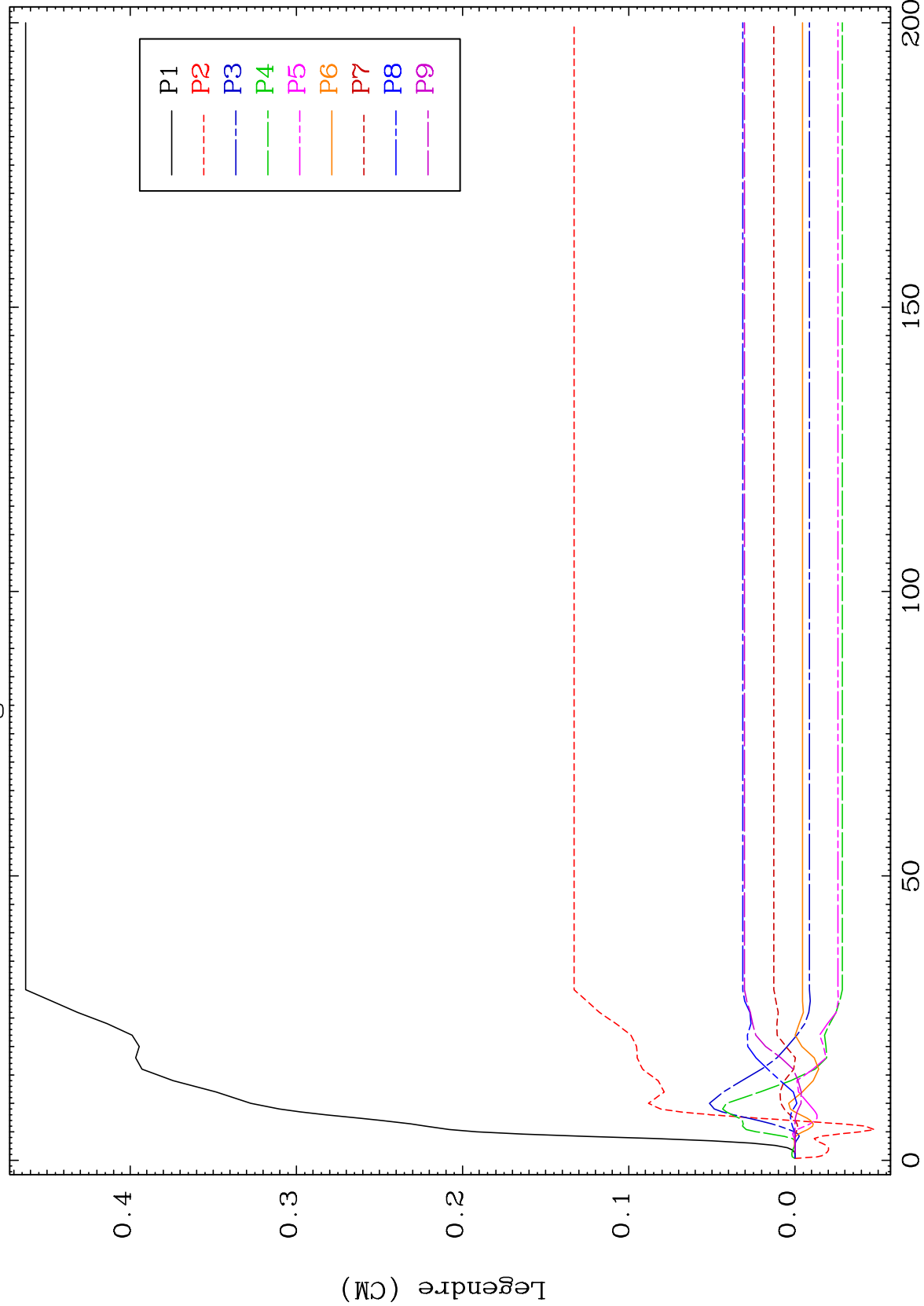
72-Hf-169



MAT 7210

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

72-Hf-169



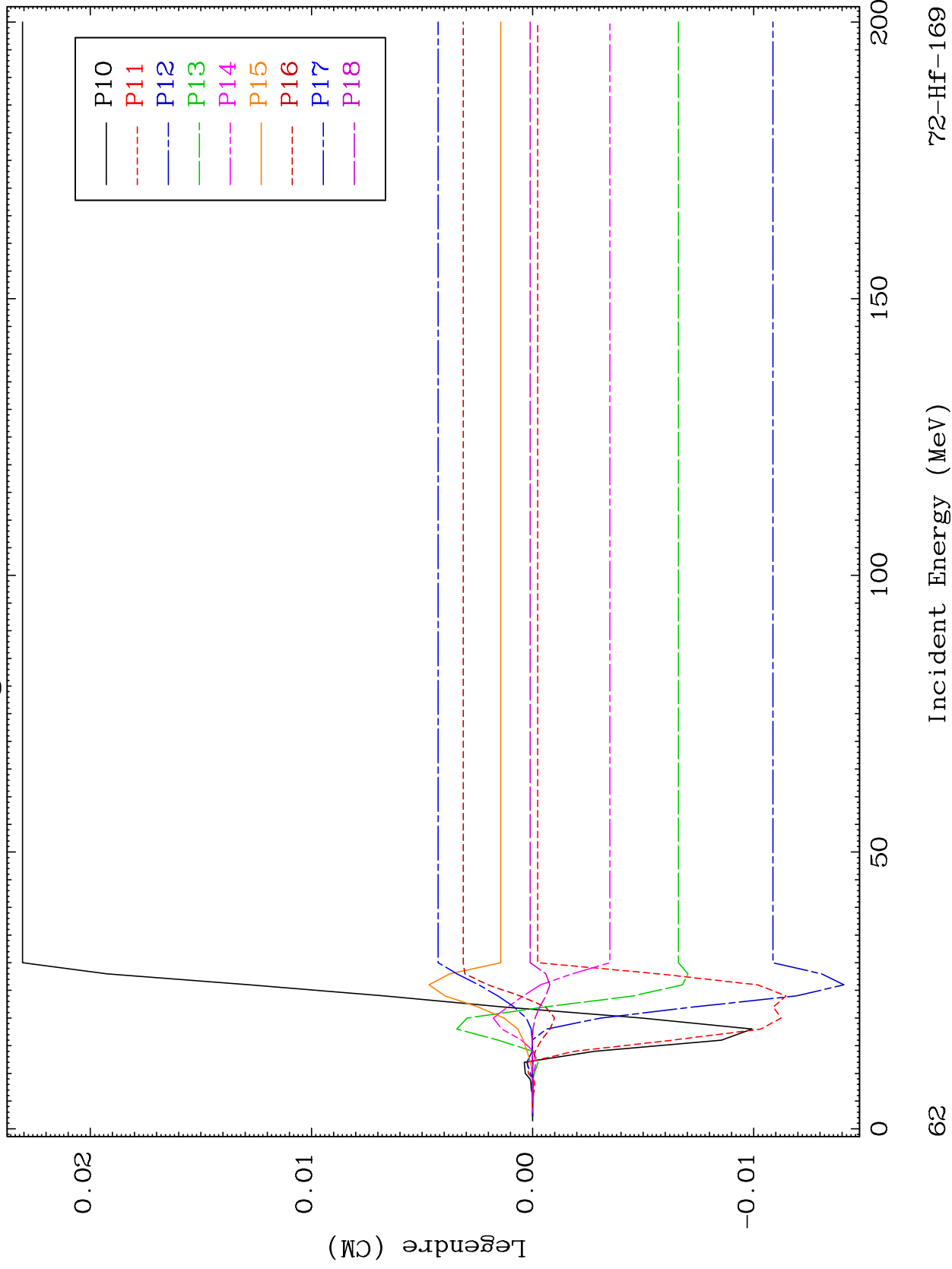
61

72-Hf-169

MAT 7210

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

72-Hf-169



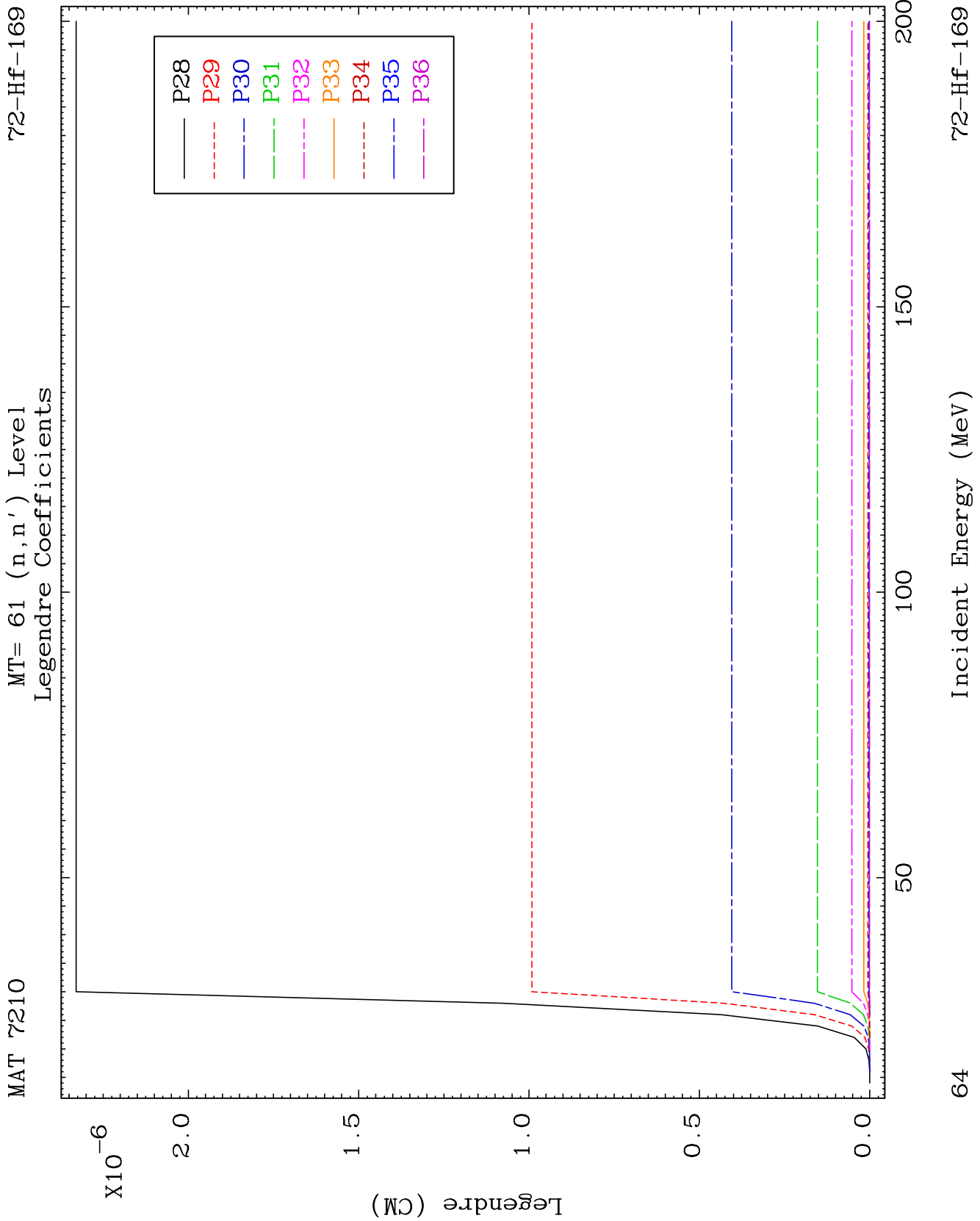
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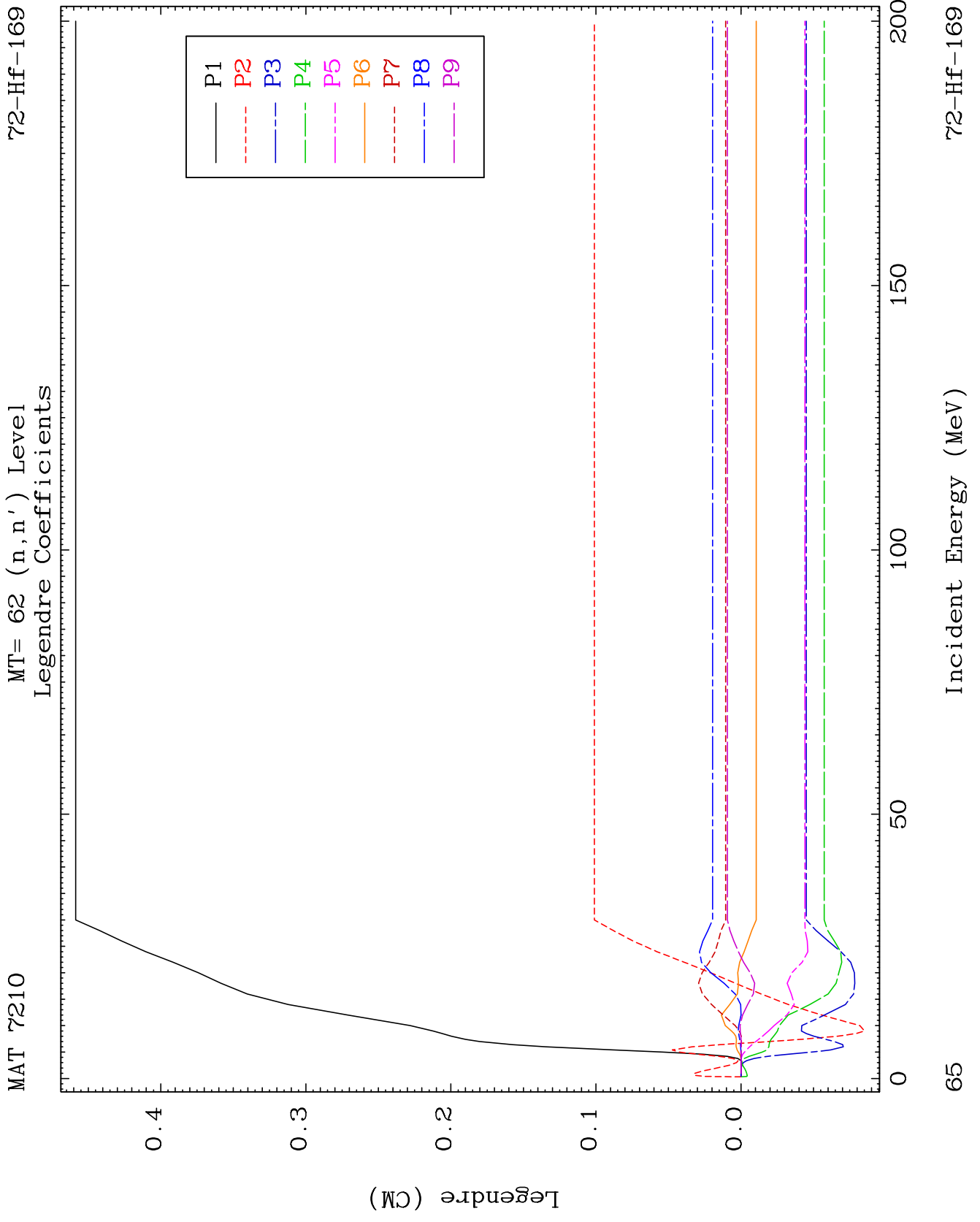
Incident Energy (MeV)

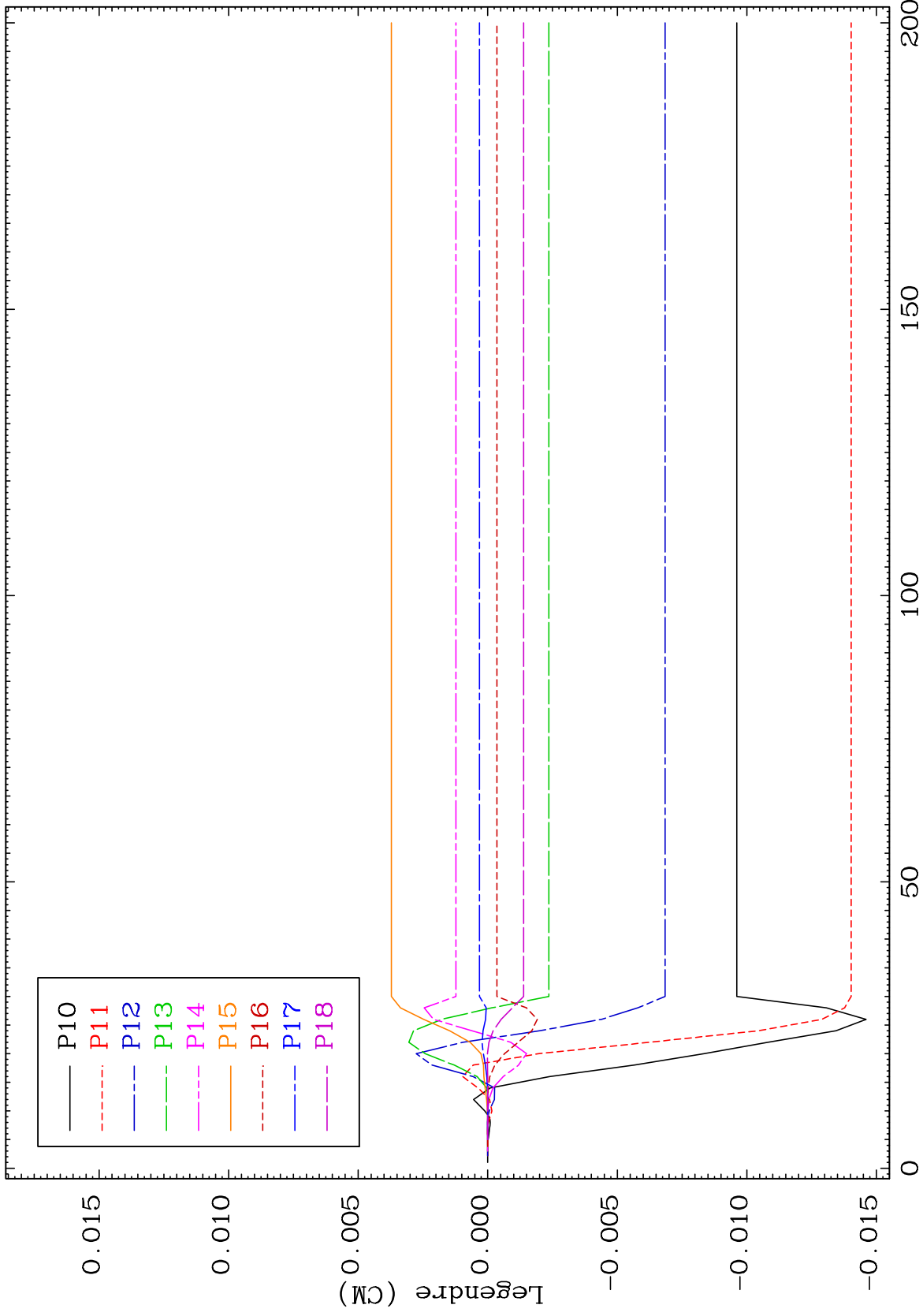
62







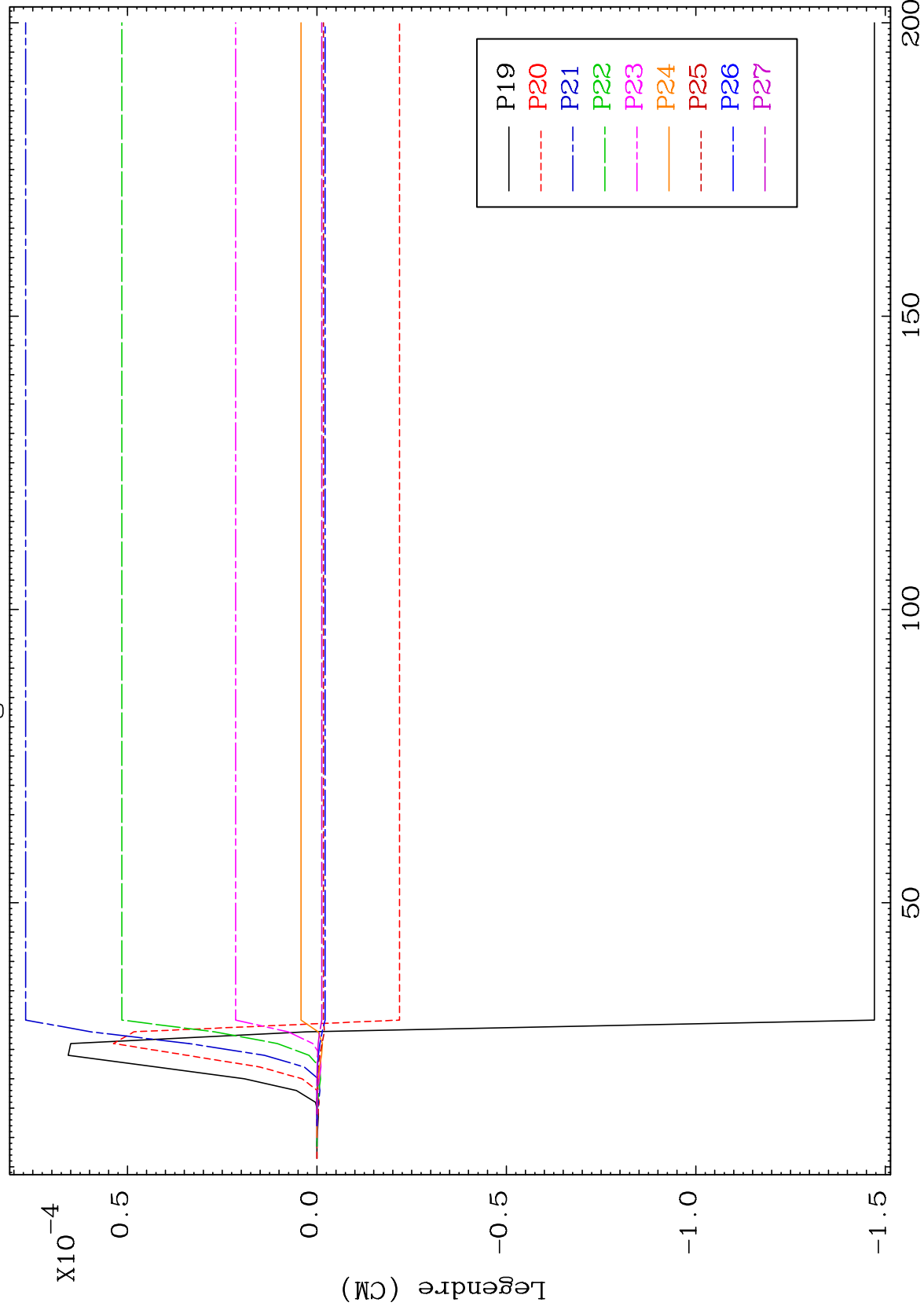




MAT 7210

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

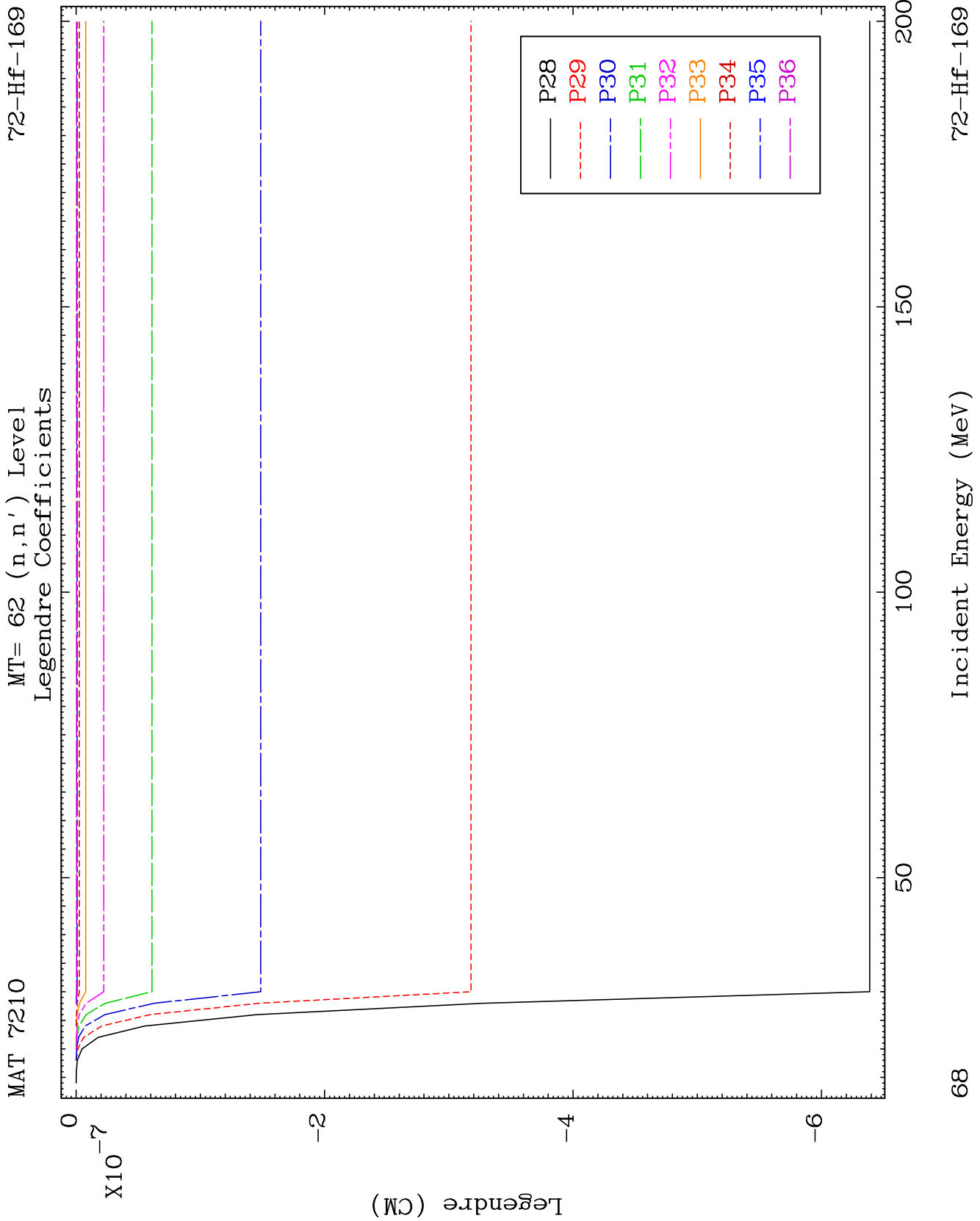
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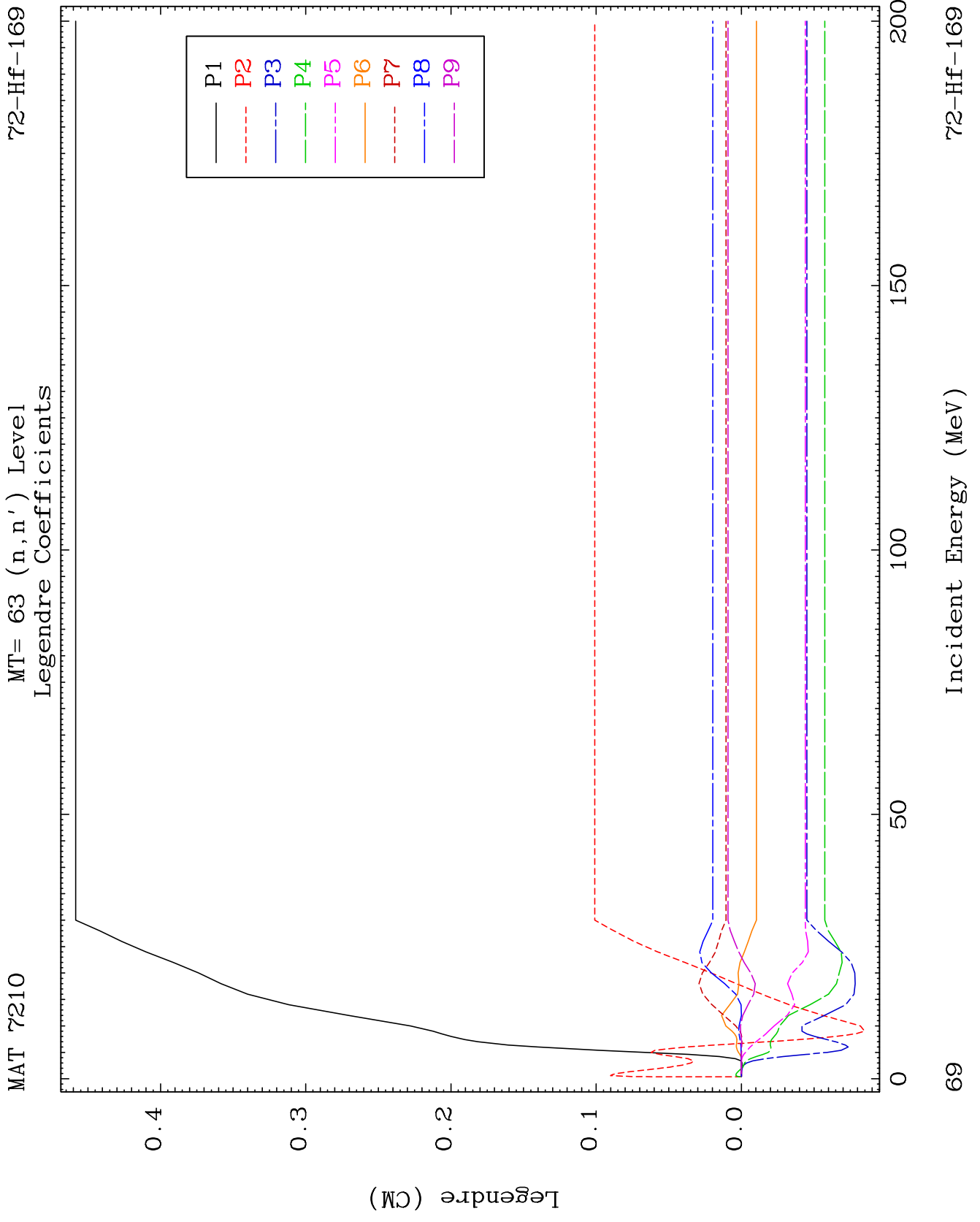


67

Incident Energy (MeV)

72-Hf-169

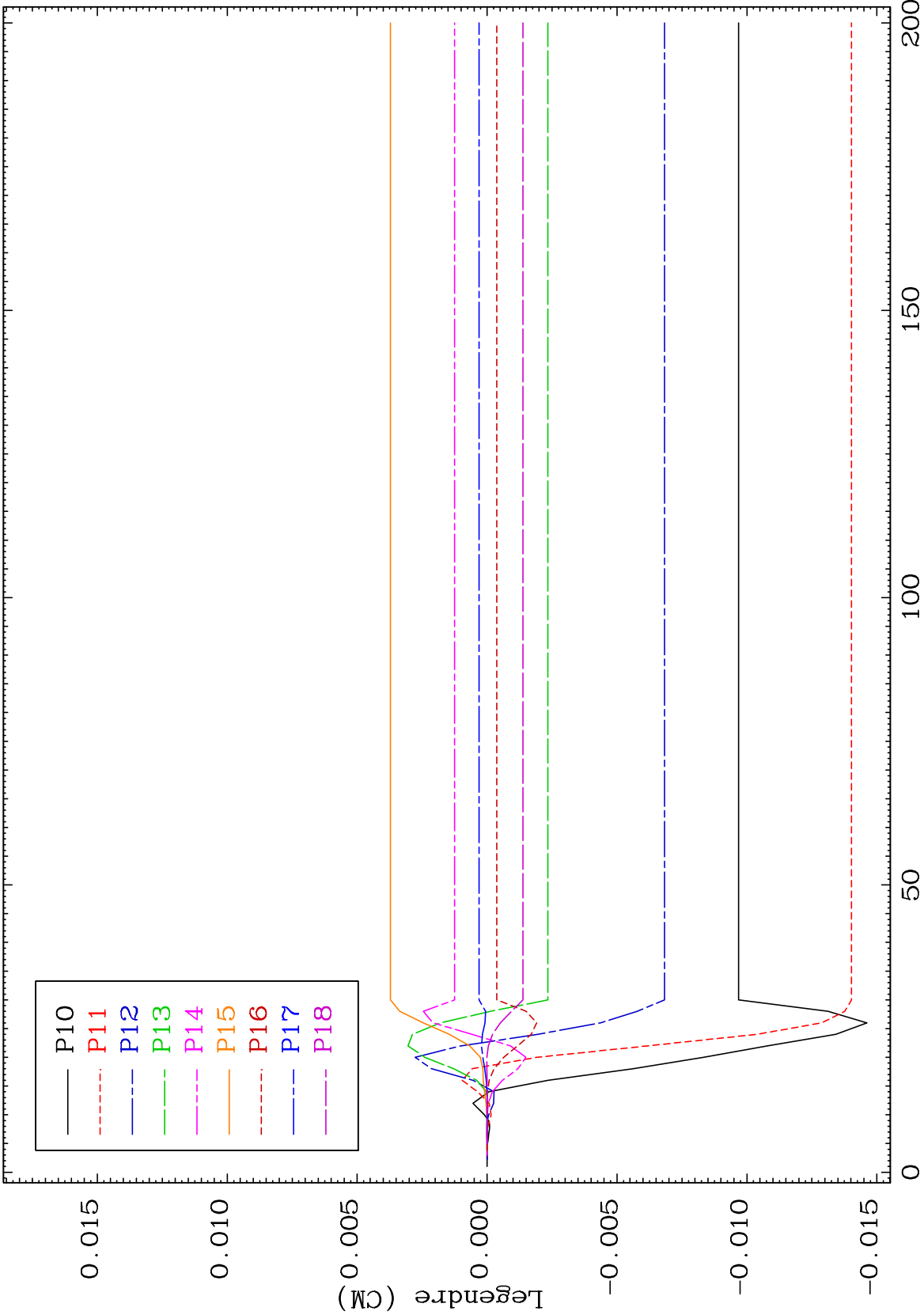




MAT 7210

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

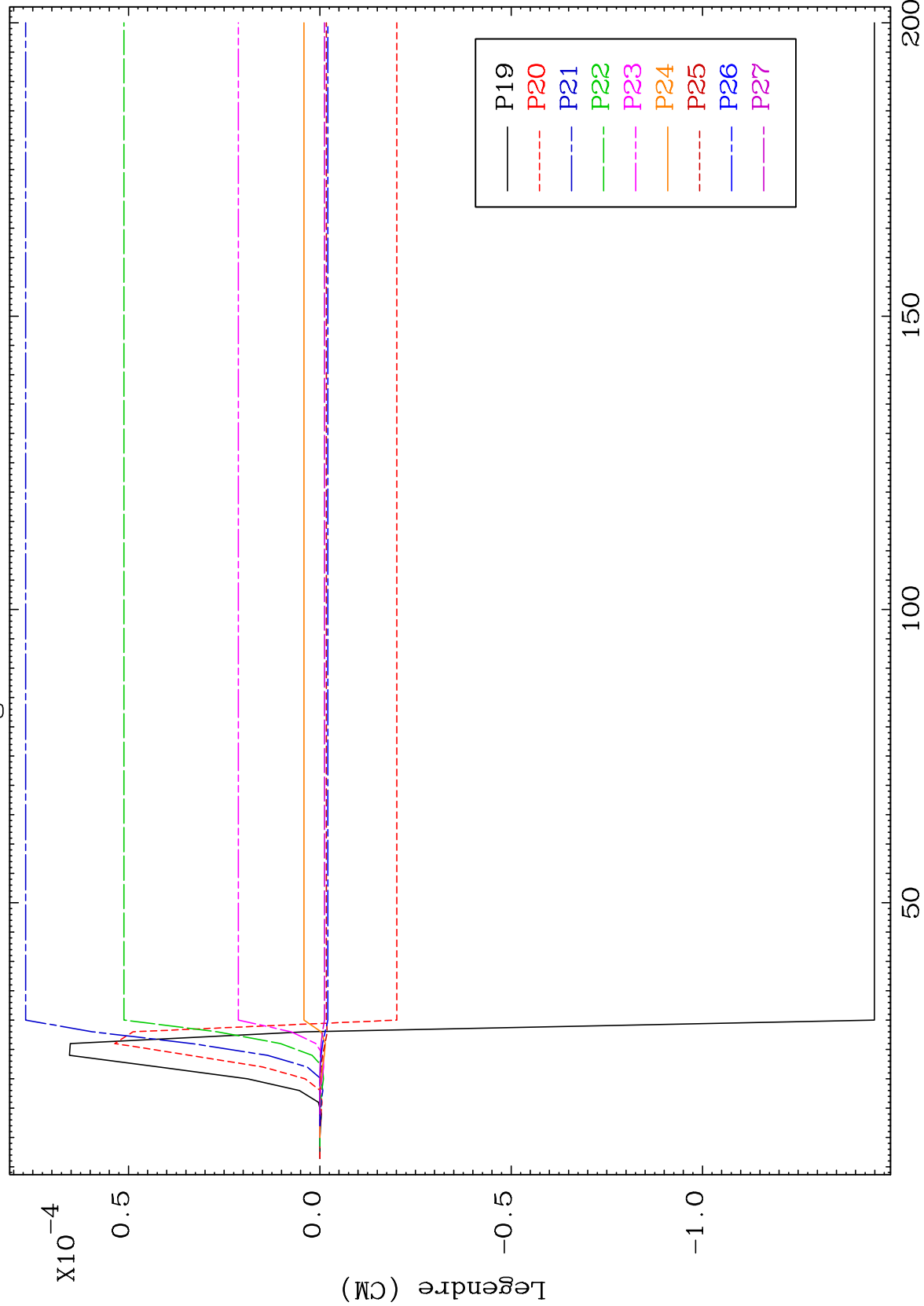
72-Hf-169



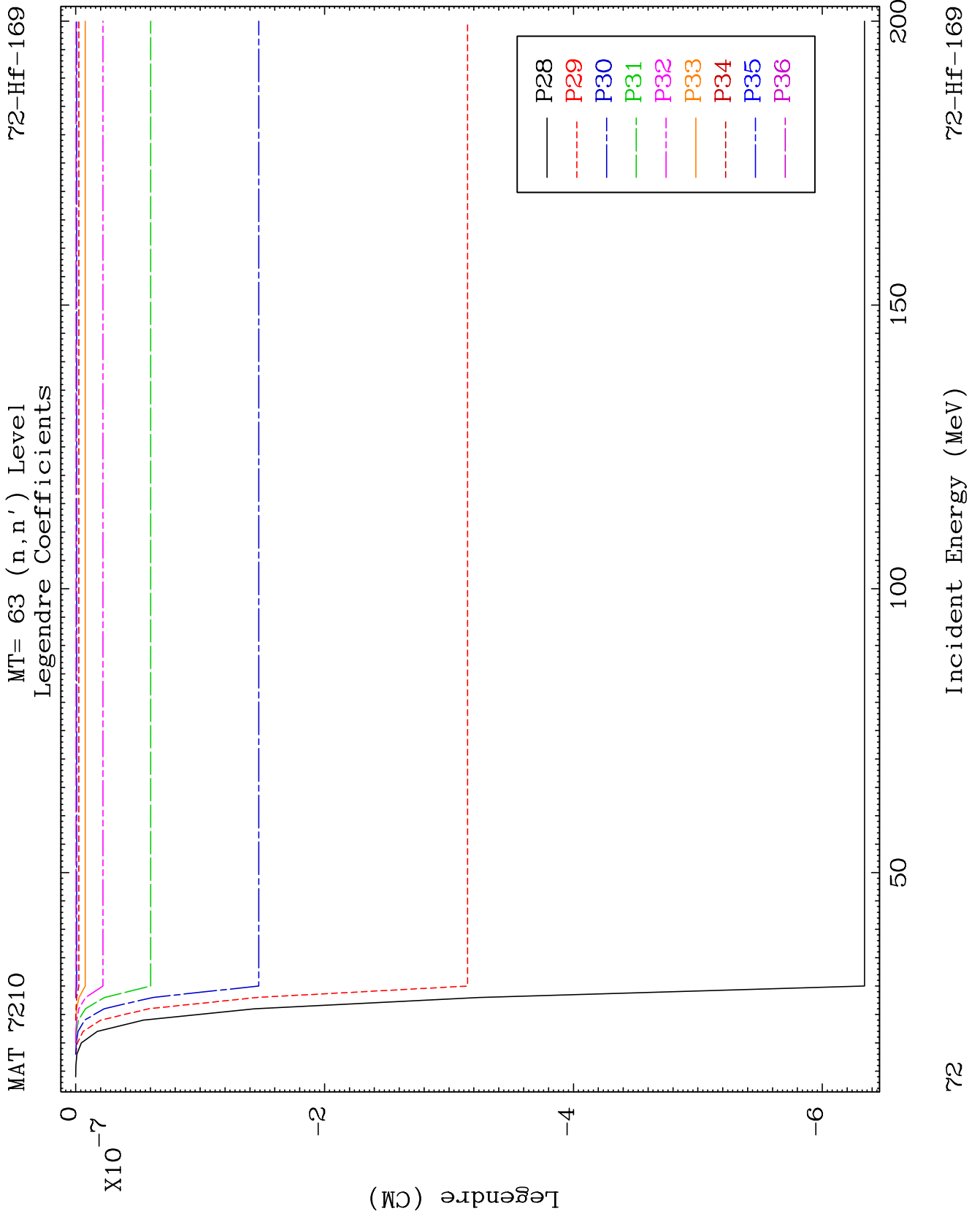
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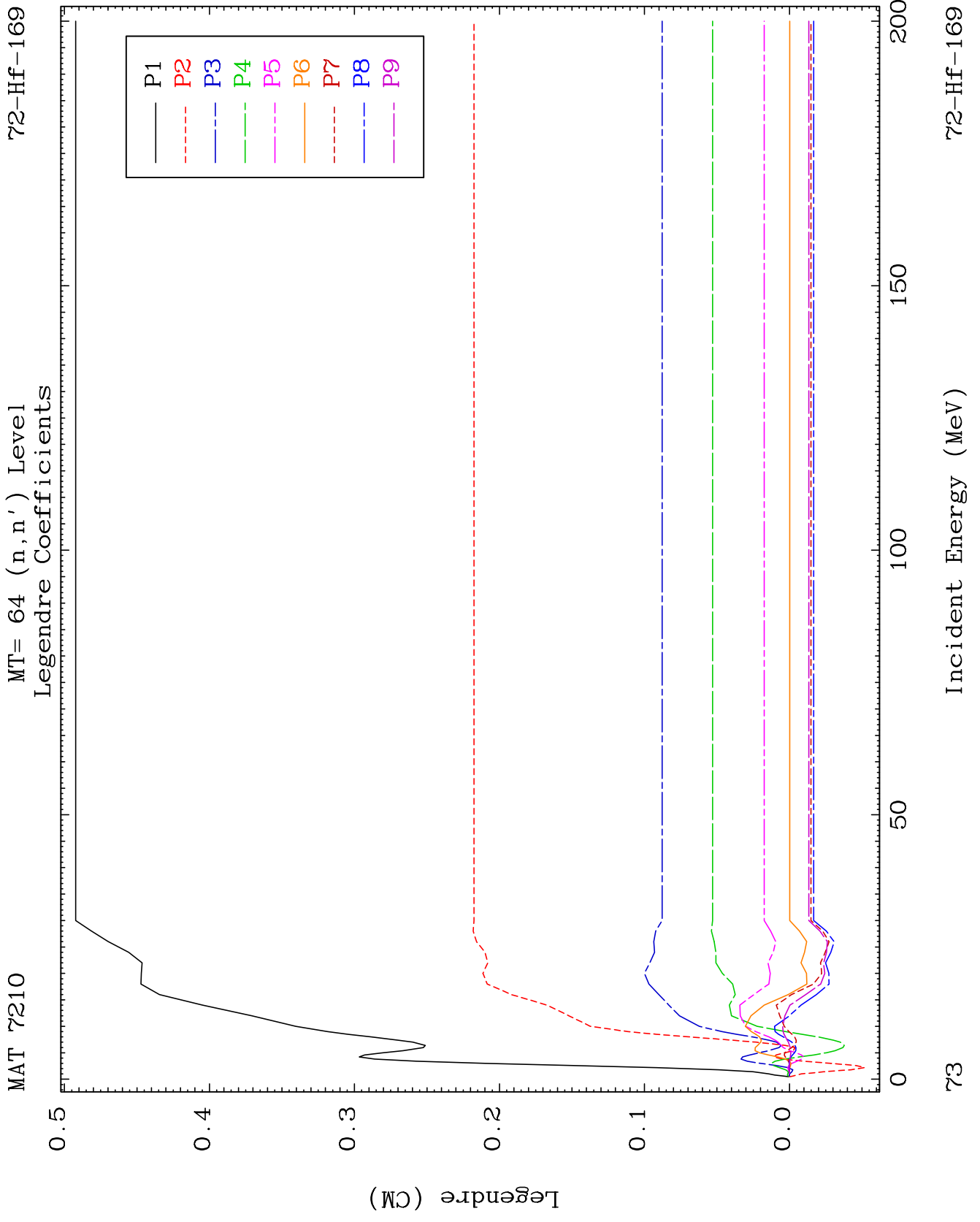
Incident Energy (MeV)

72-Hf-169





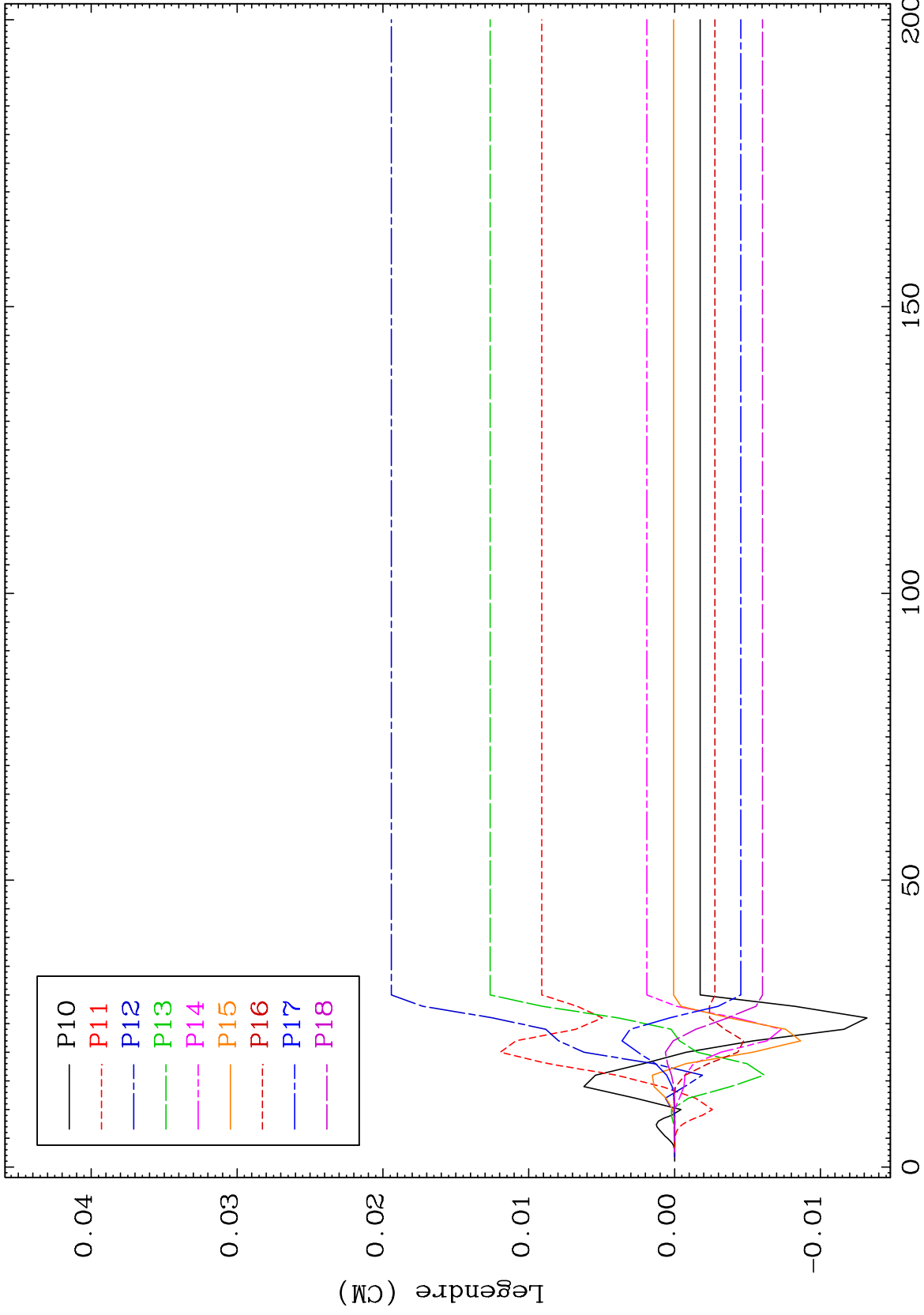




MAT 7210

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

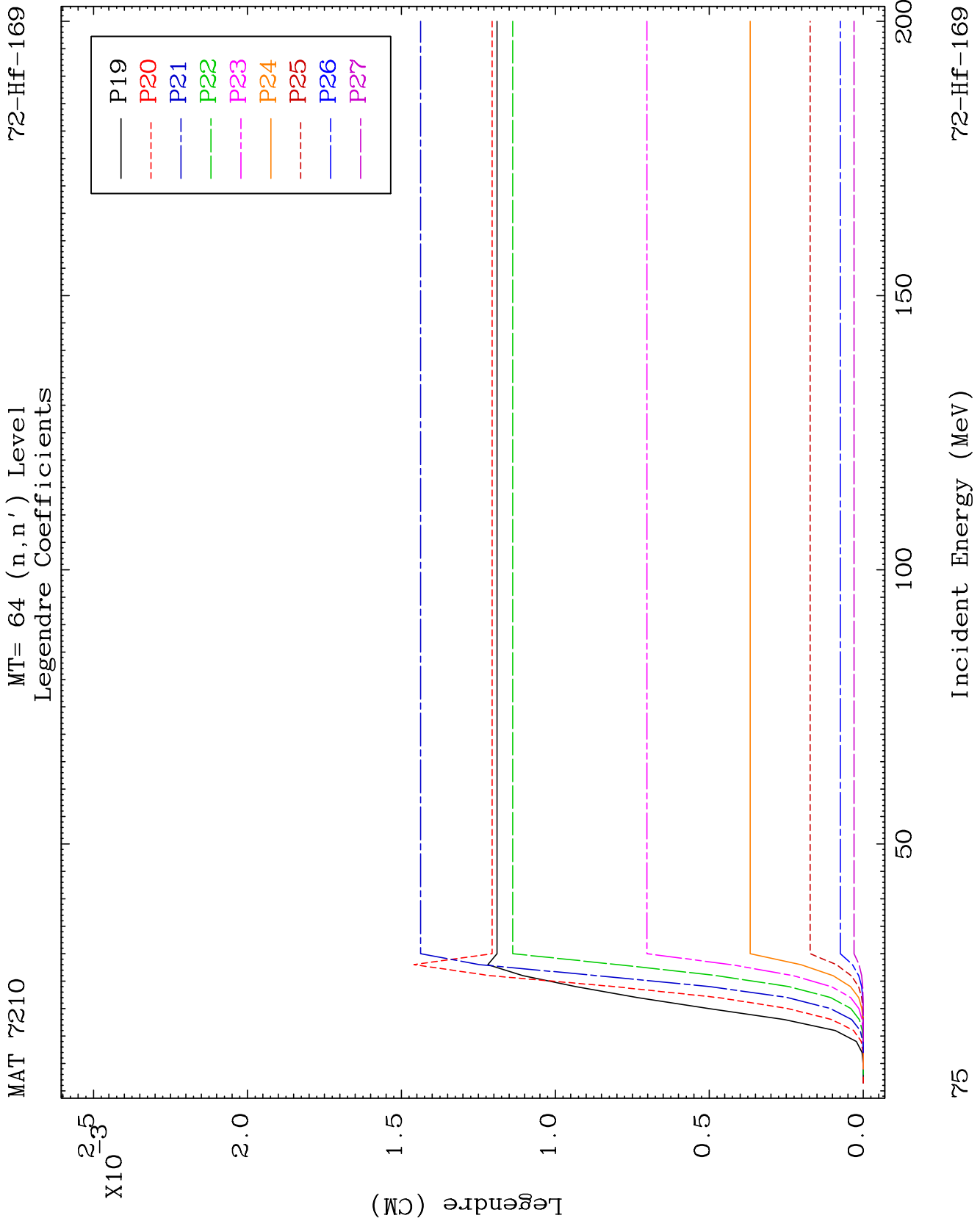
72-Hf-169

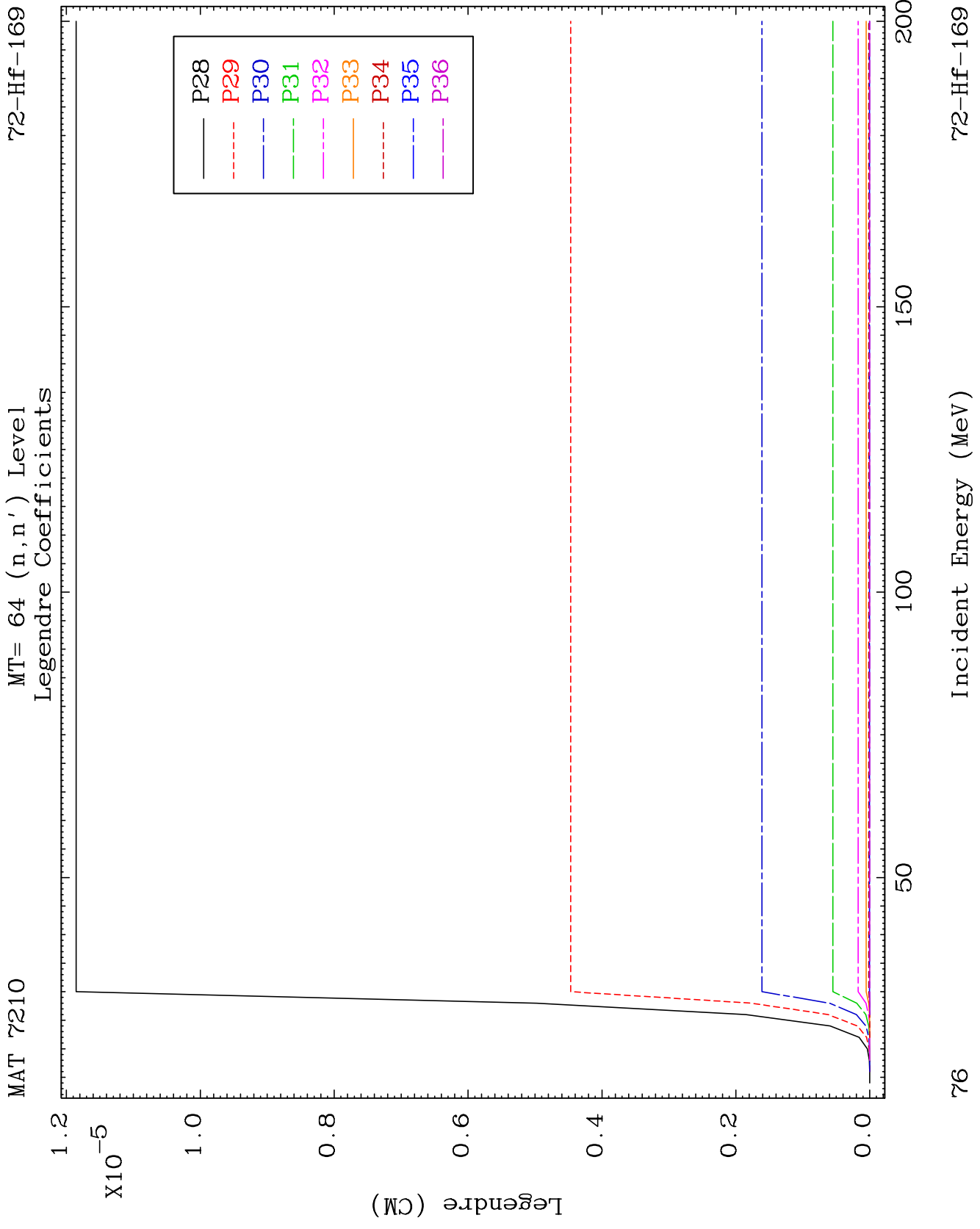


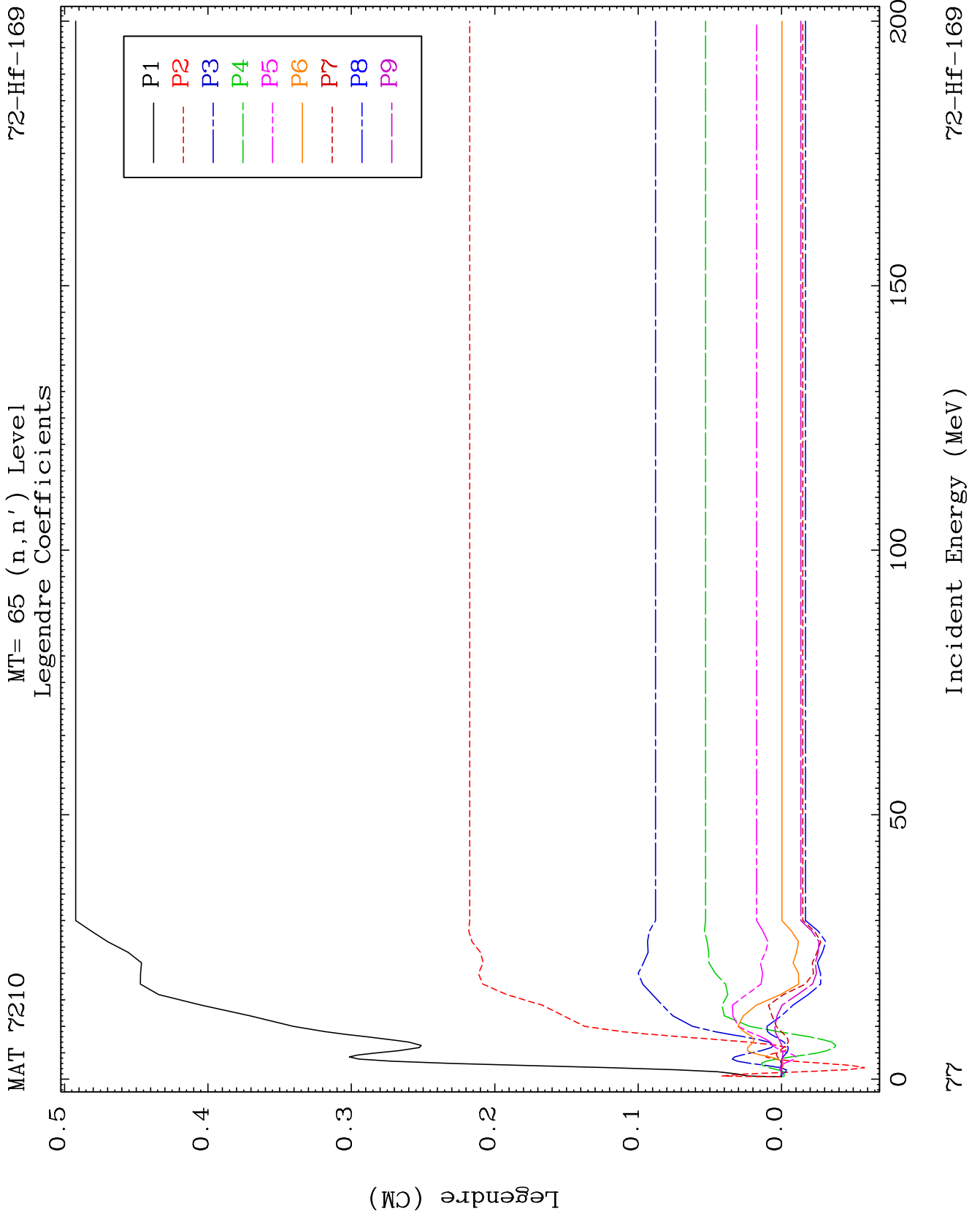
74

Incident Energy (MeV)

72-Hf-169



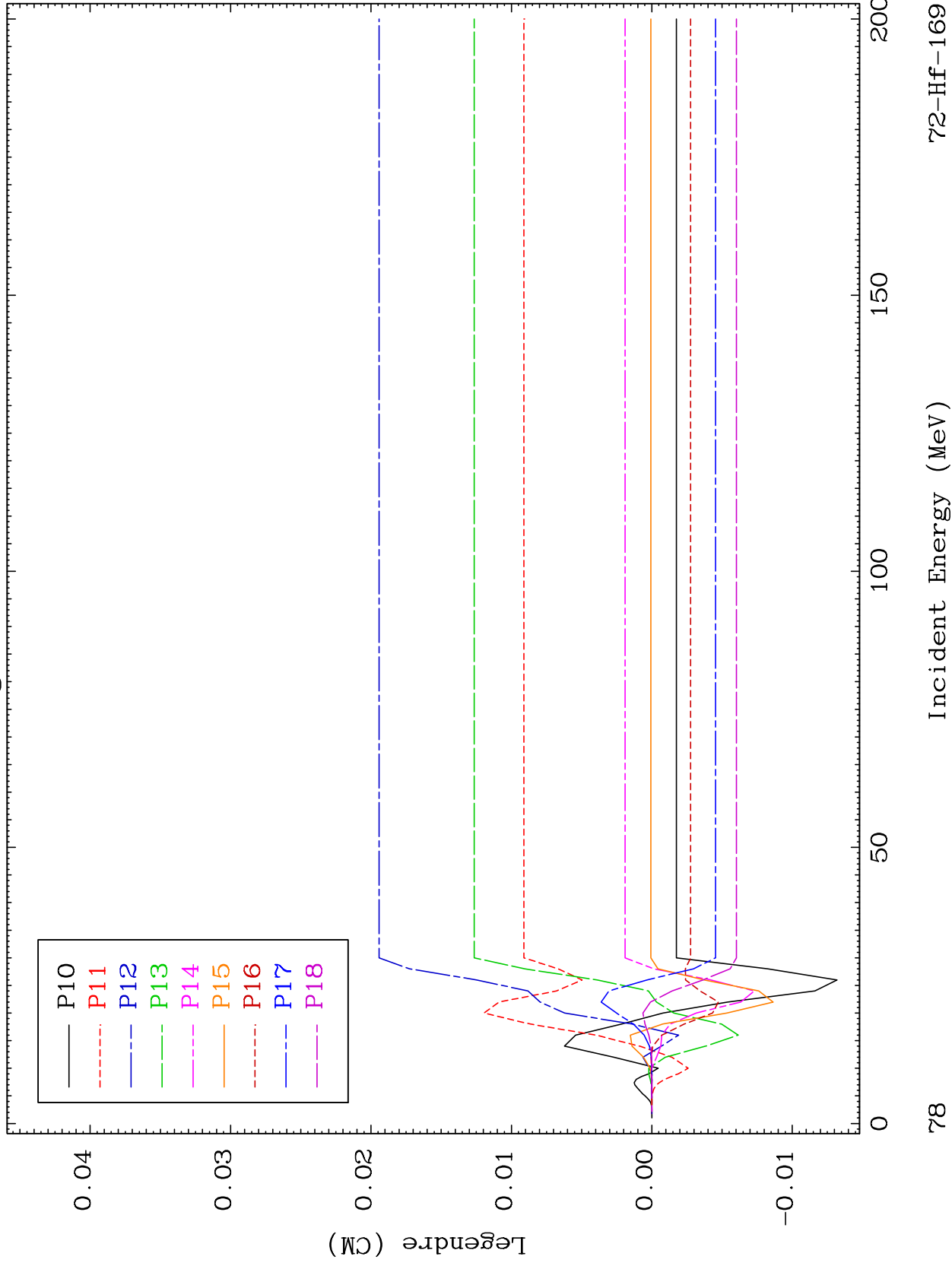




MAT 7210

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

72-Hf-169



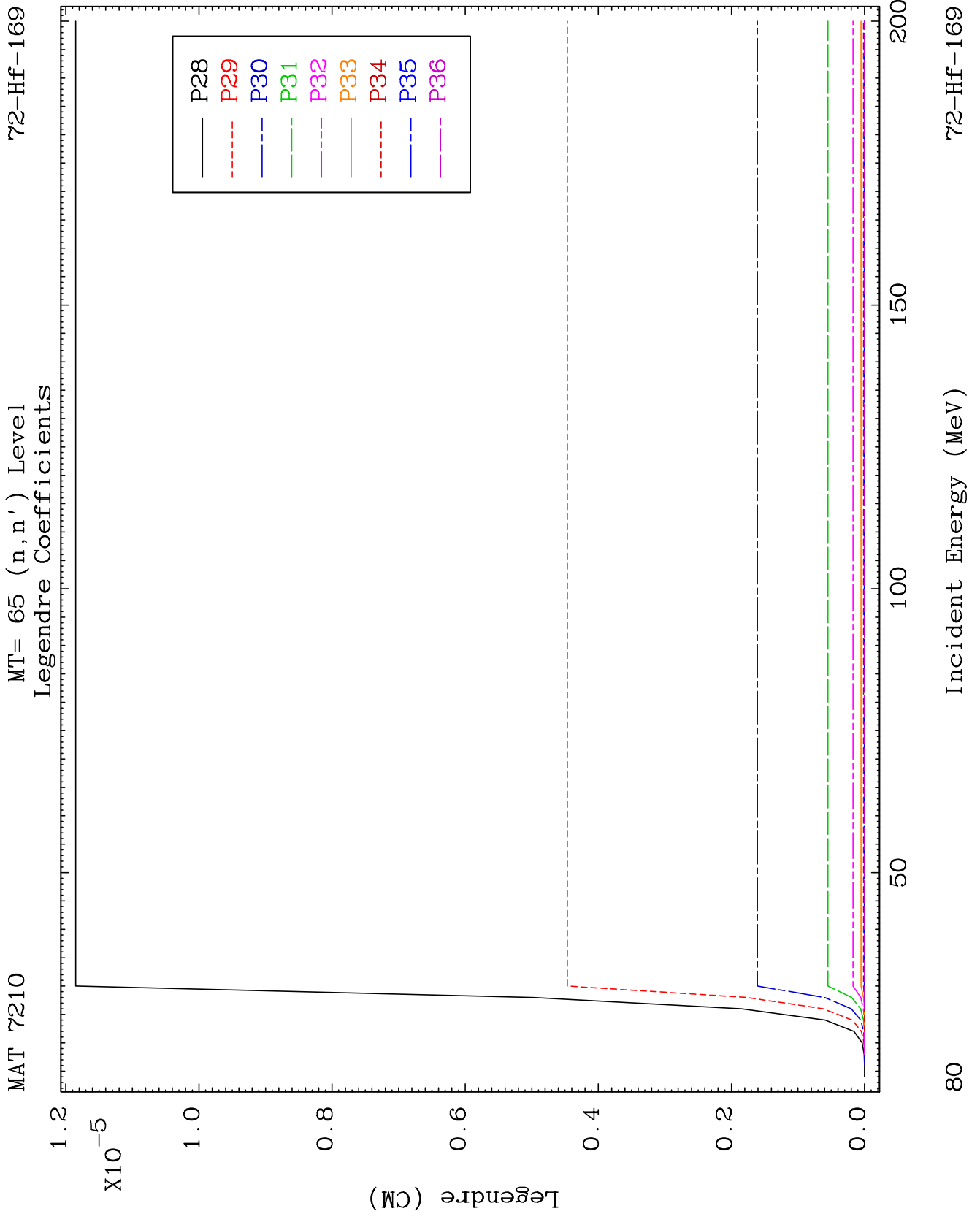
78

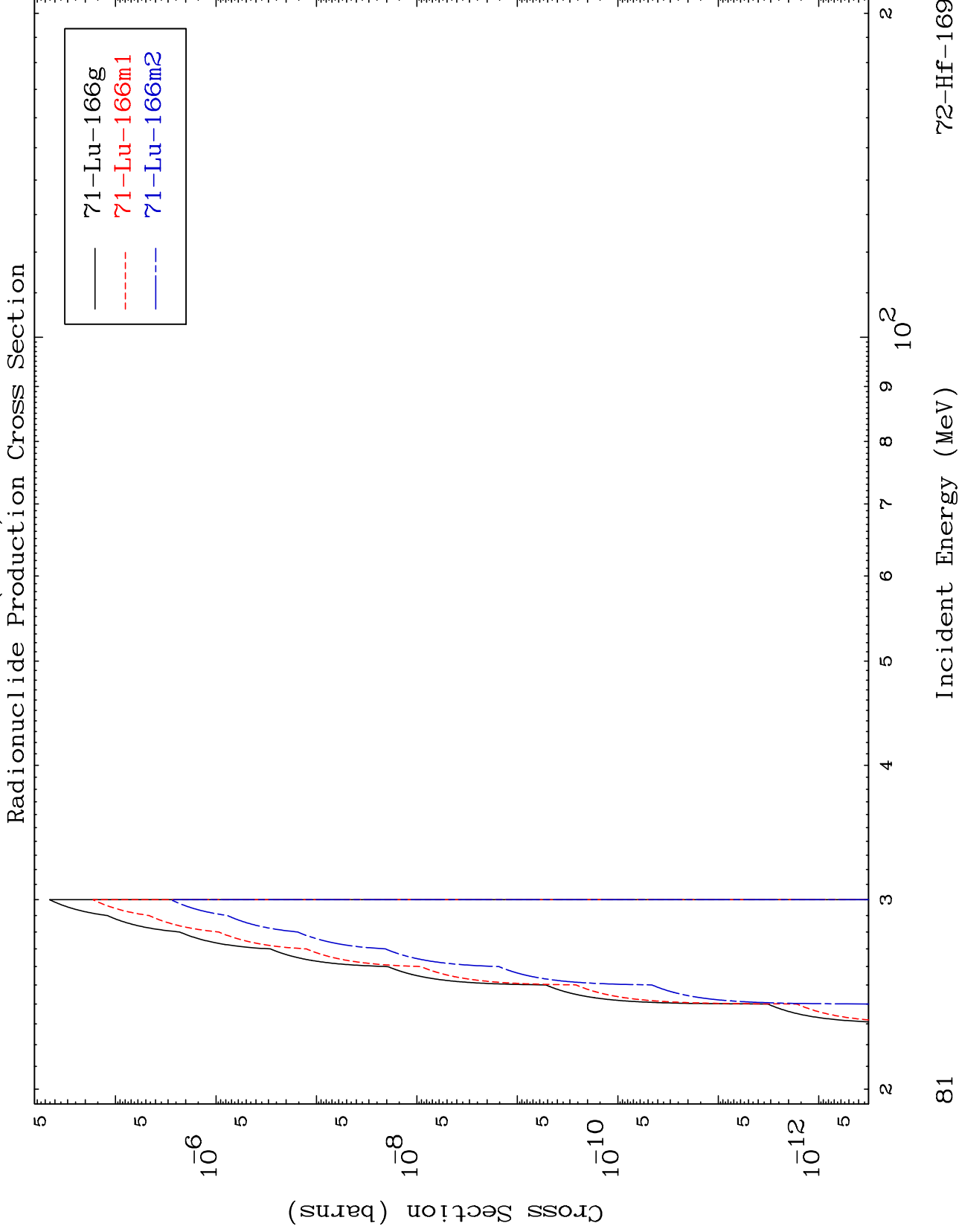
Incident Energy (MeV)

72-Hf-169







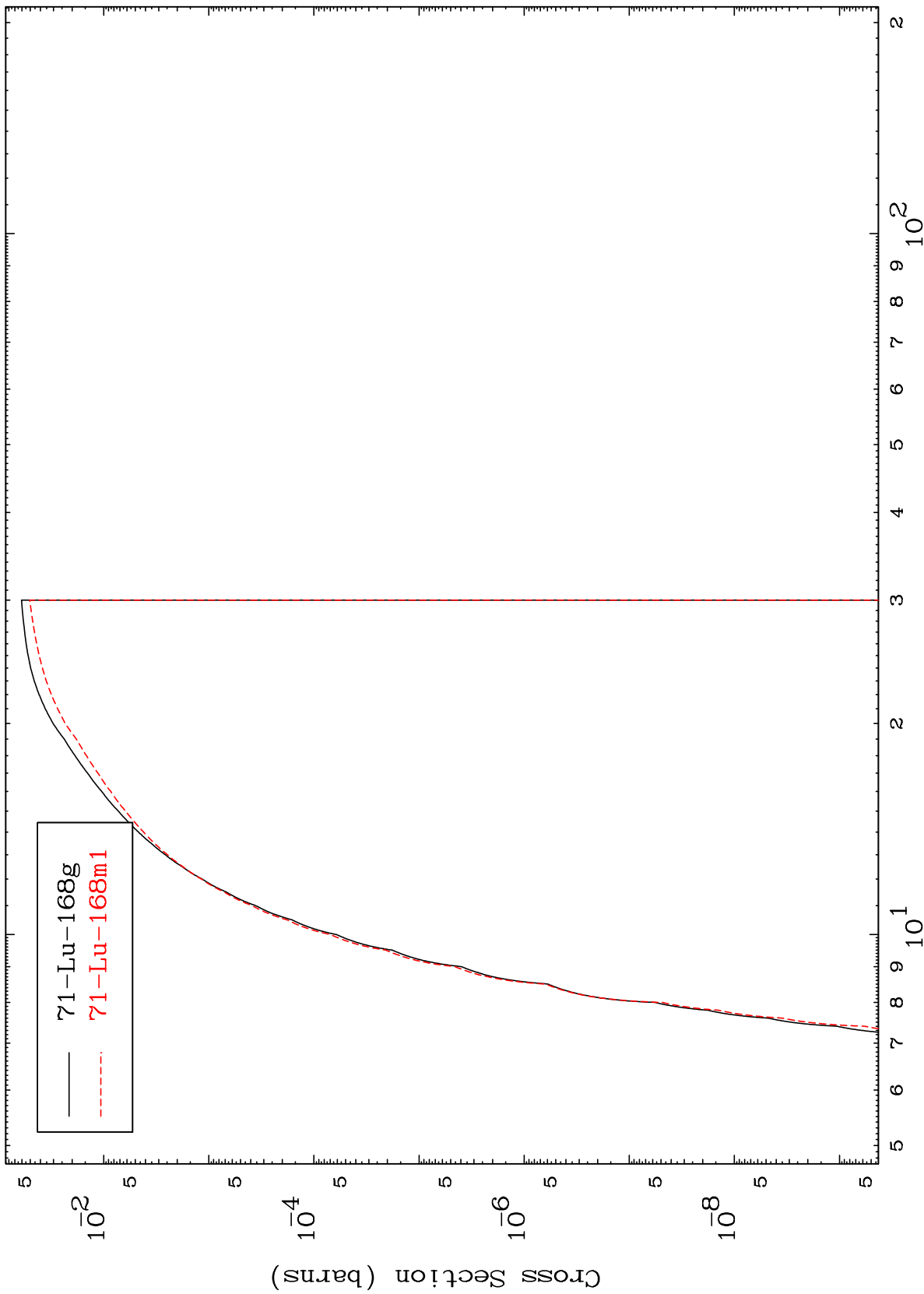


MAT 7210

(n,n') p

72-Hf-169

Radionuclide Production Cross Section



82

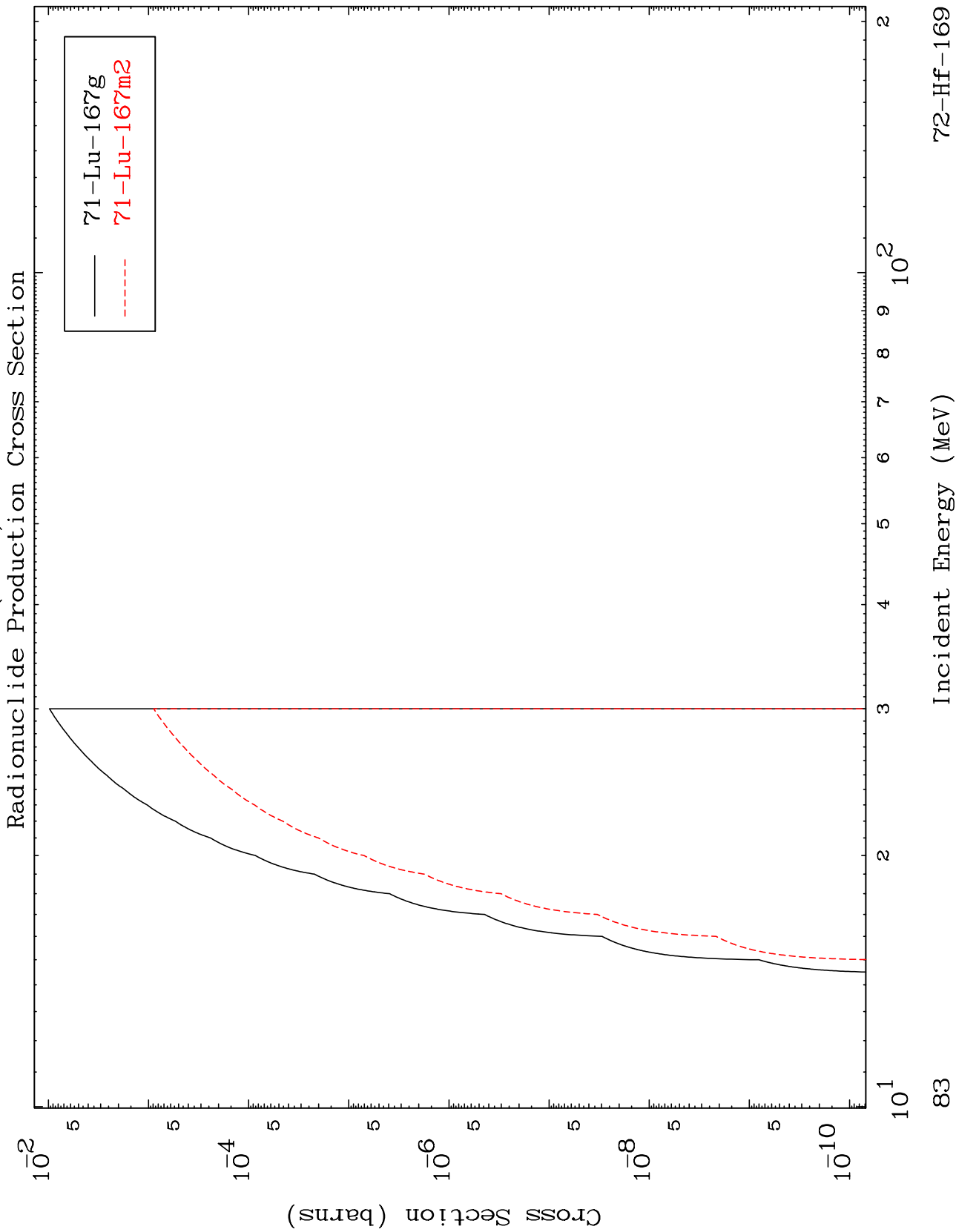
Incident Energy (MeV)

72-Hf-169

MAT 7210

(n,n') d

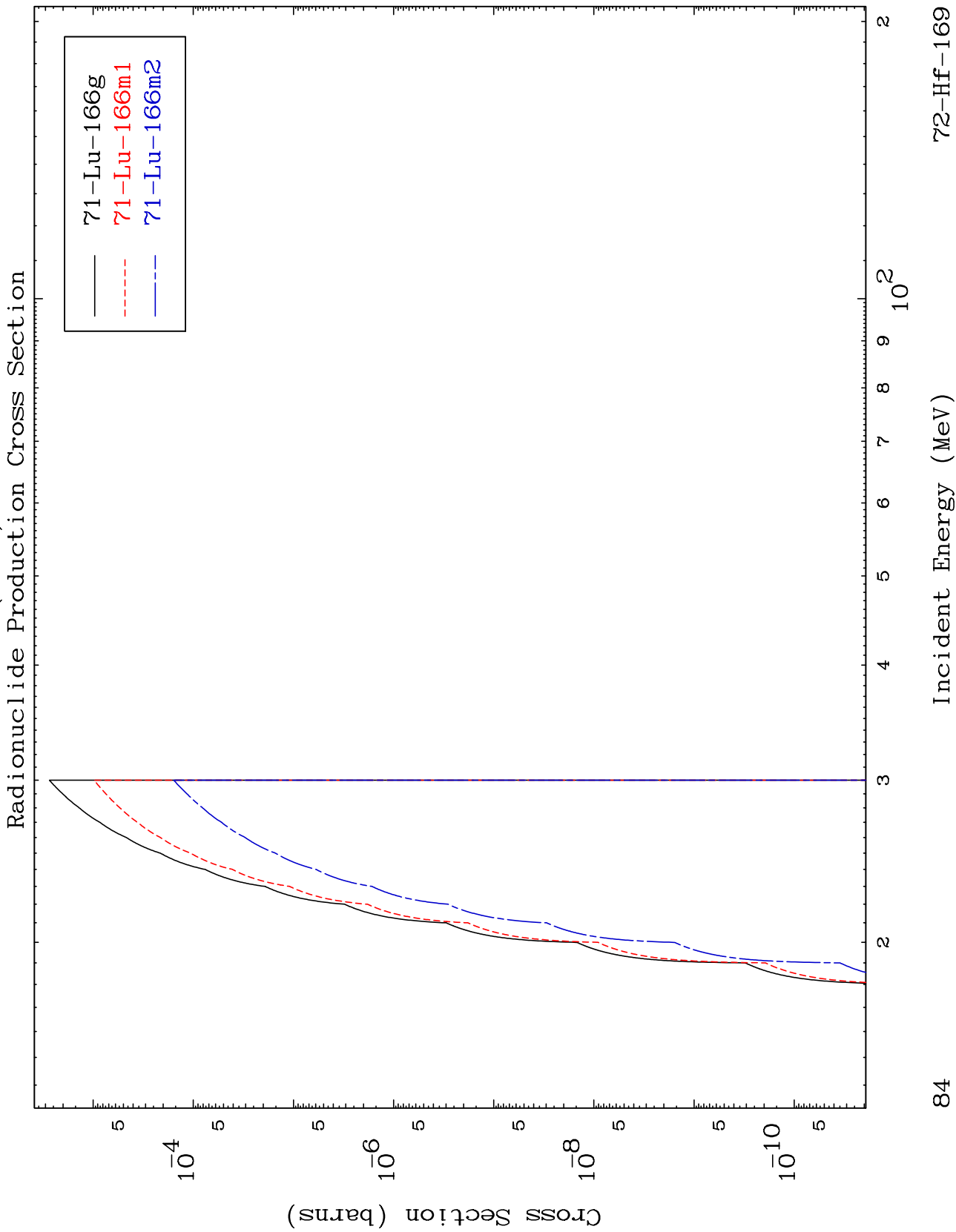
72-Hf-169



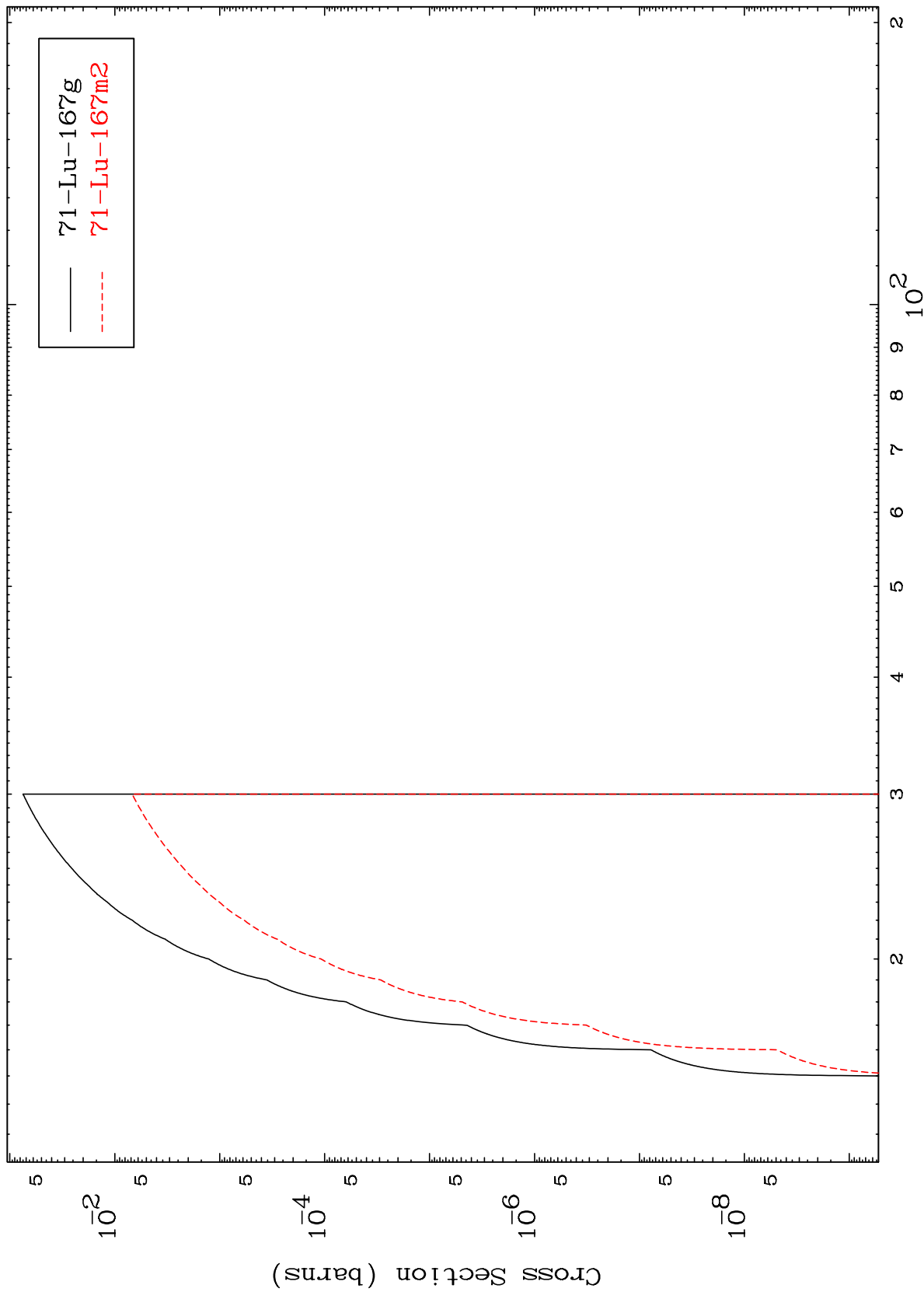
72-Hf-169

Incident Energy (MeV)

83

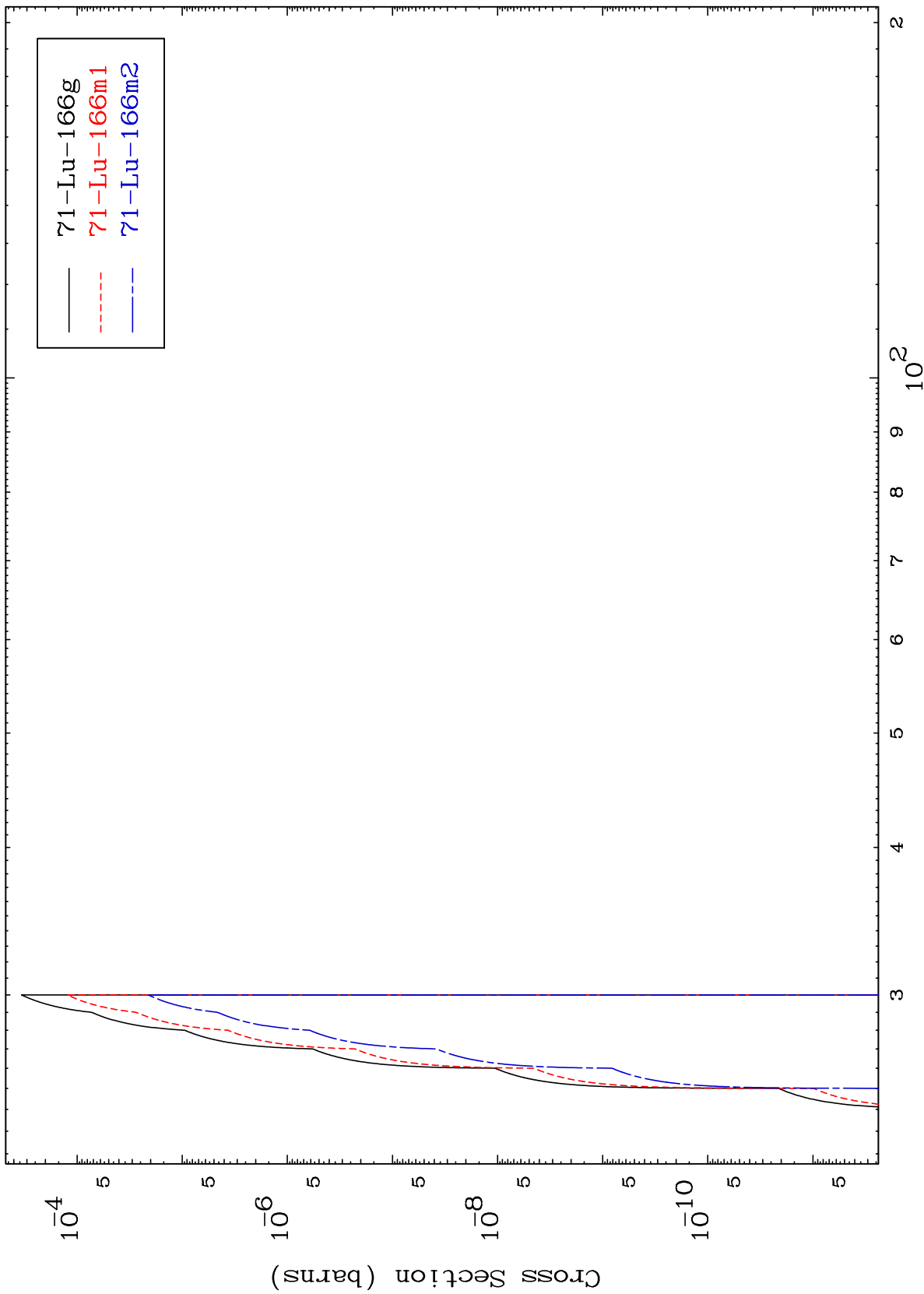


Radionuclide Production Cross Section



71-Lu-167g  
71-Lu-167m2

Radionuclide Production Cross Section

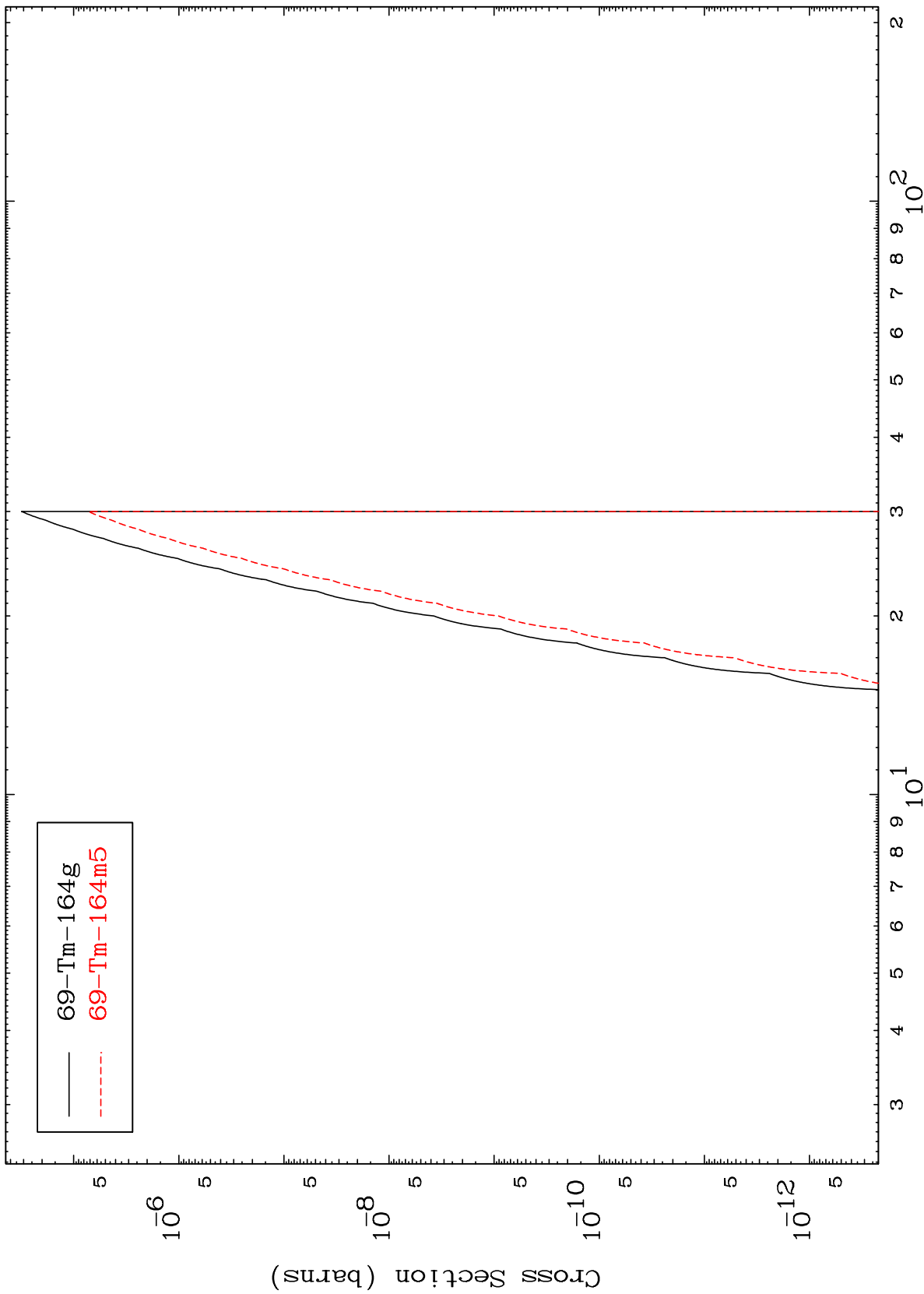


MAT 7210

(n,n') p  $\alpha$

72-Hf-169

Radionuclide Production Cross Section



87

Incident Energy (MeV)

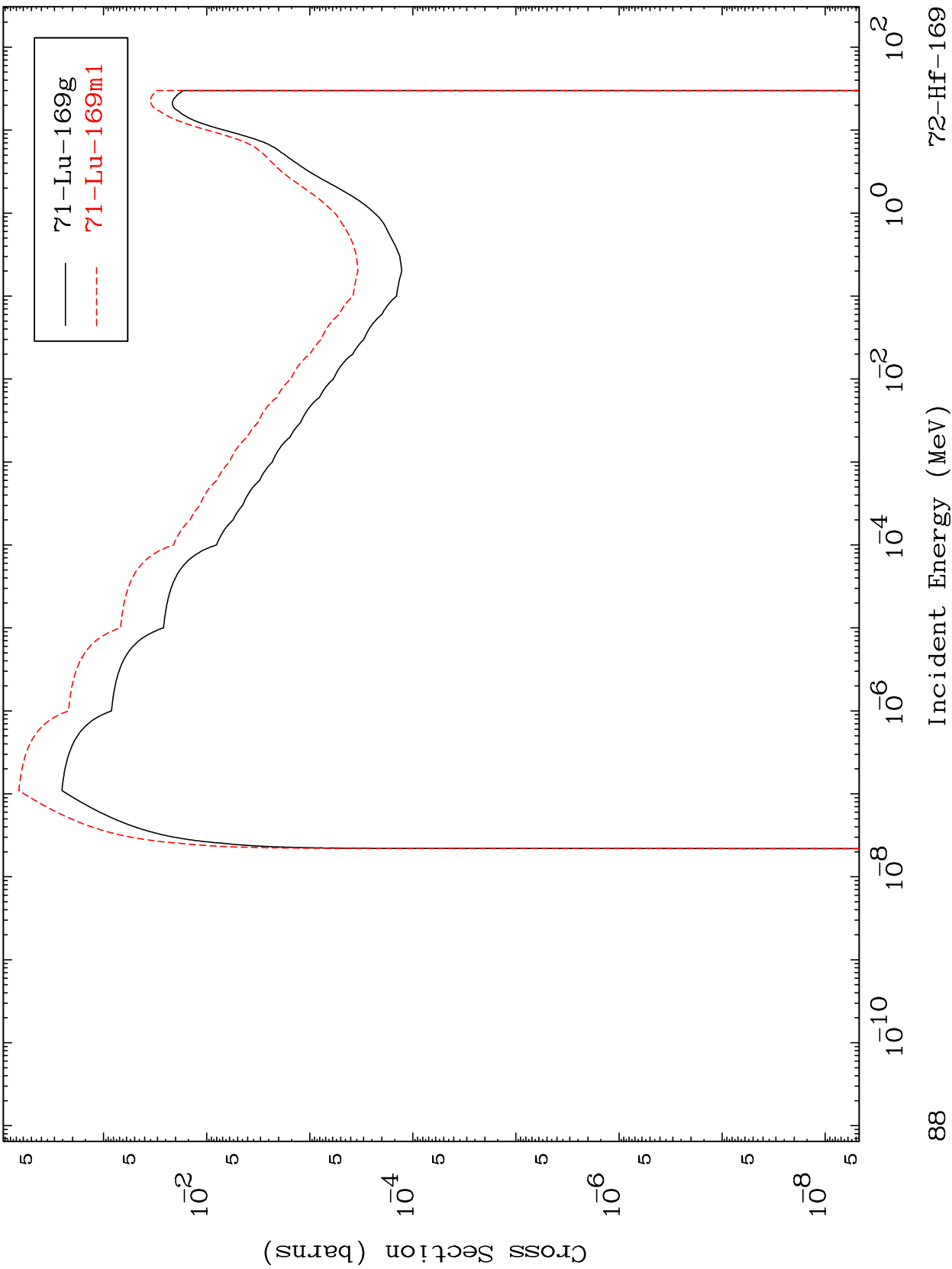
72-Hf-169



MAT 7210

72-Hf-169

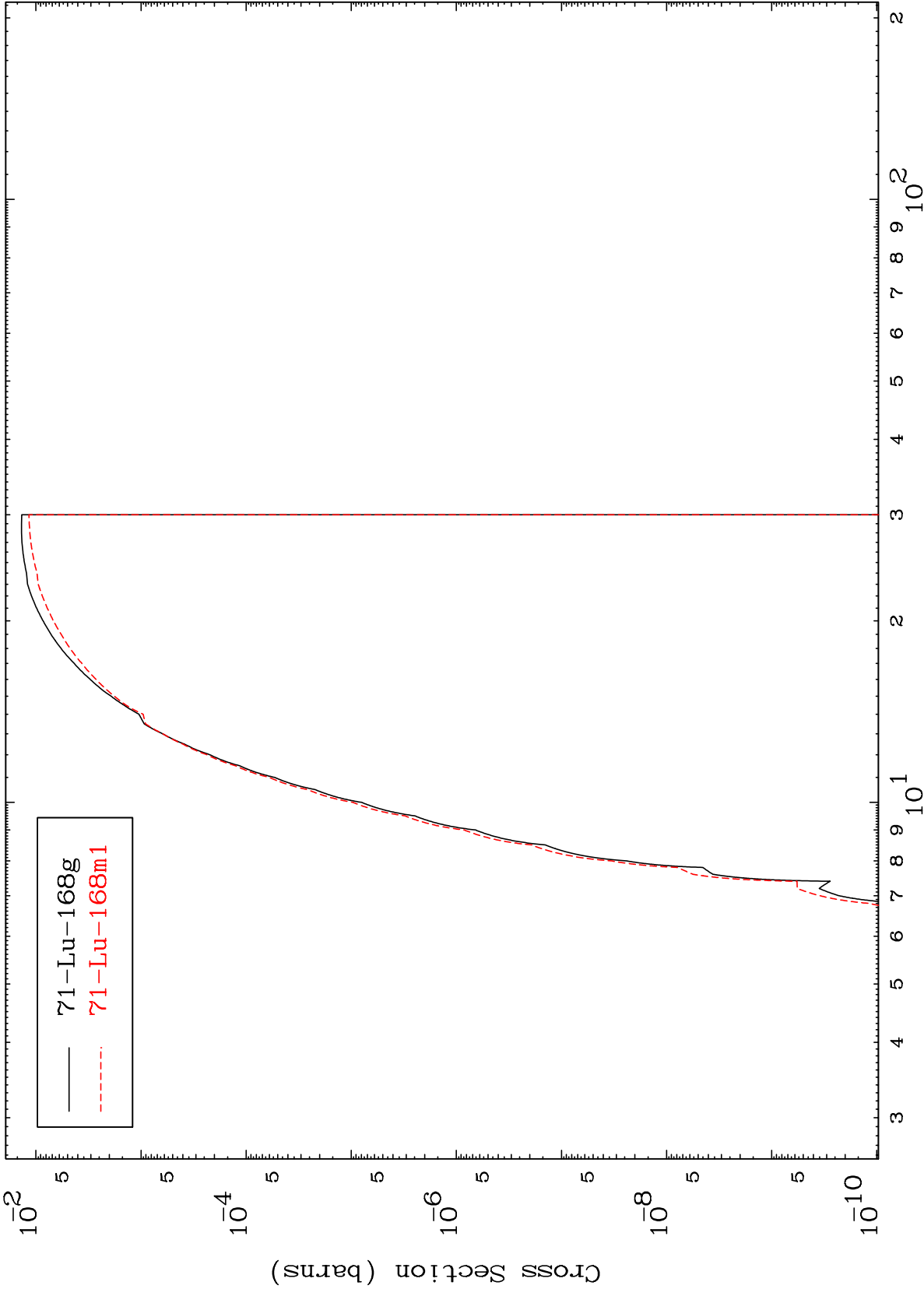
(n,p)  
Radionuclide Production Cross Section



MAT 7210

72-Hf-169

(n,d)  
Radionuclide Production Cross Section



89

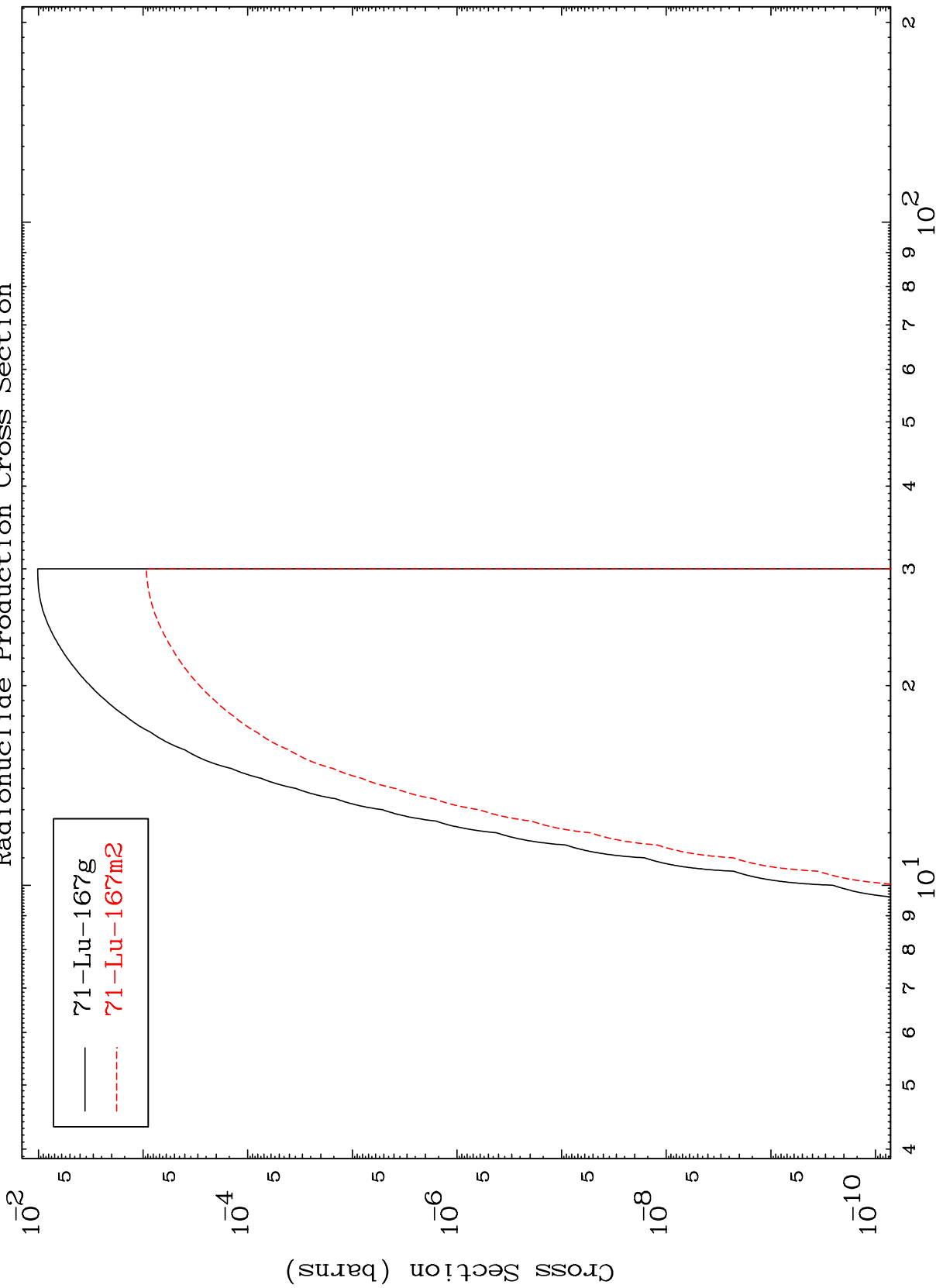
Incident Energy (MeV)

72-Hf-169

MAT 7210

72-Hf-169

Radionuclide Production Cross Section (n, t)



90

Incident Energy (MeV)

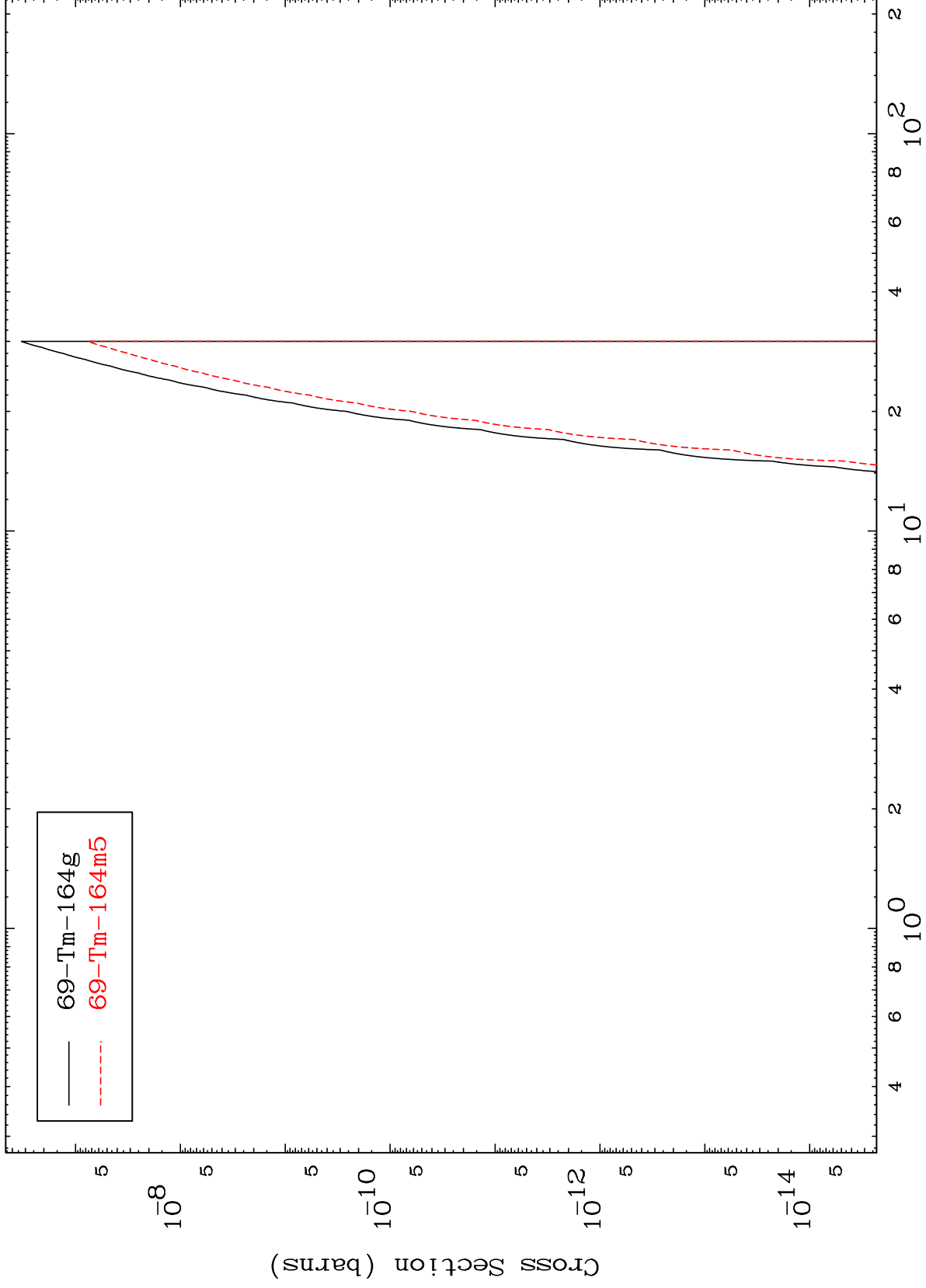
72-Hf-169

MAT 7210

(n,d)  $\alpha$

72-Hf-169

Radionuclide Production Cross Section



91

Incident Energy (MeV)

72-Hf-169