

Program EVALPLOT  
(Version 2015-2)

by

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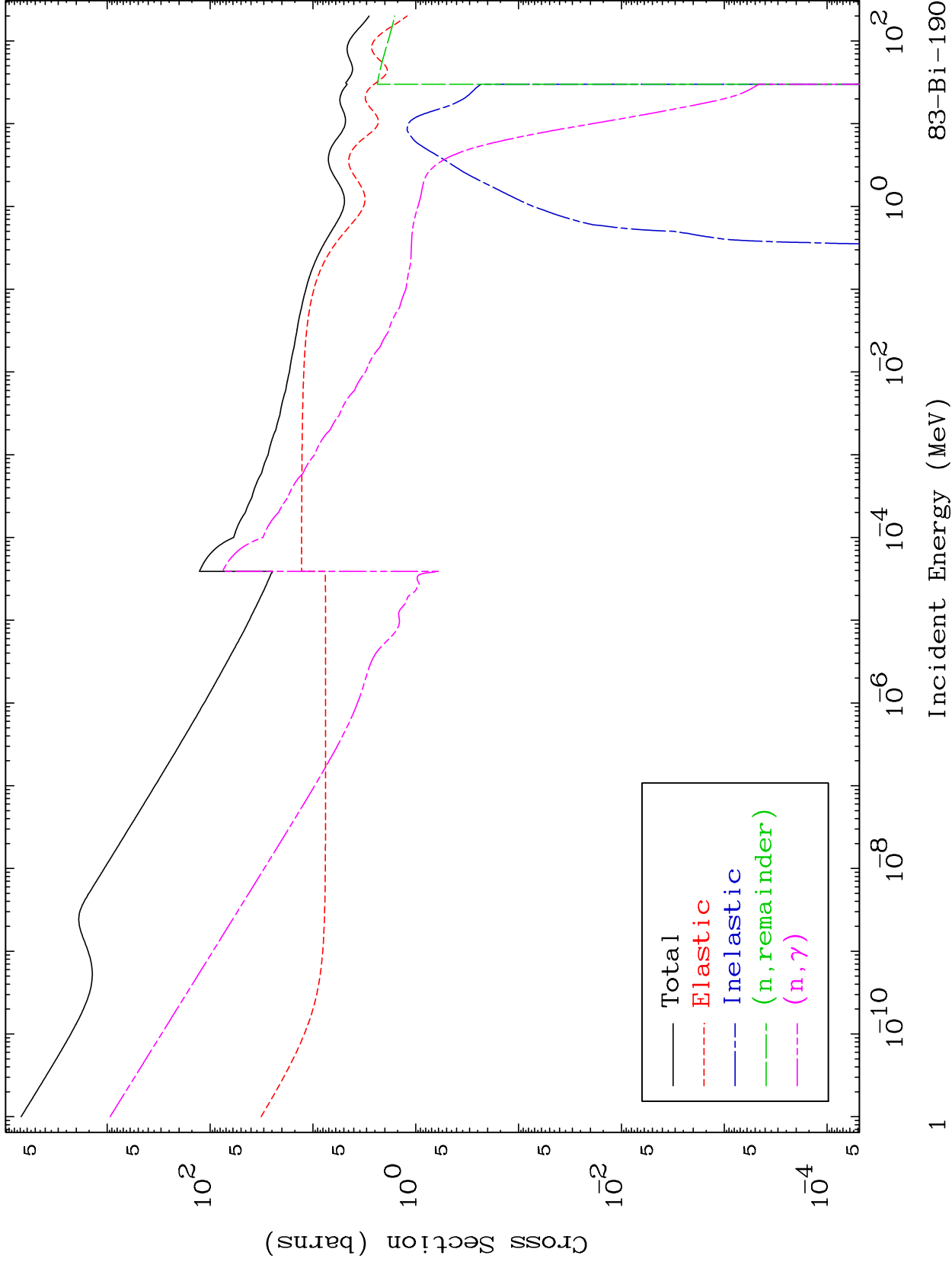
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8268

Major  
293 Kelvin Cross Sections

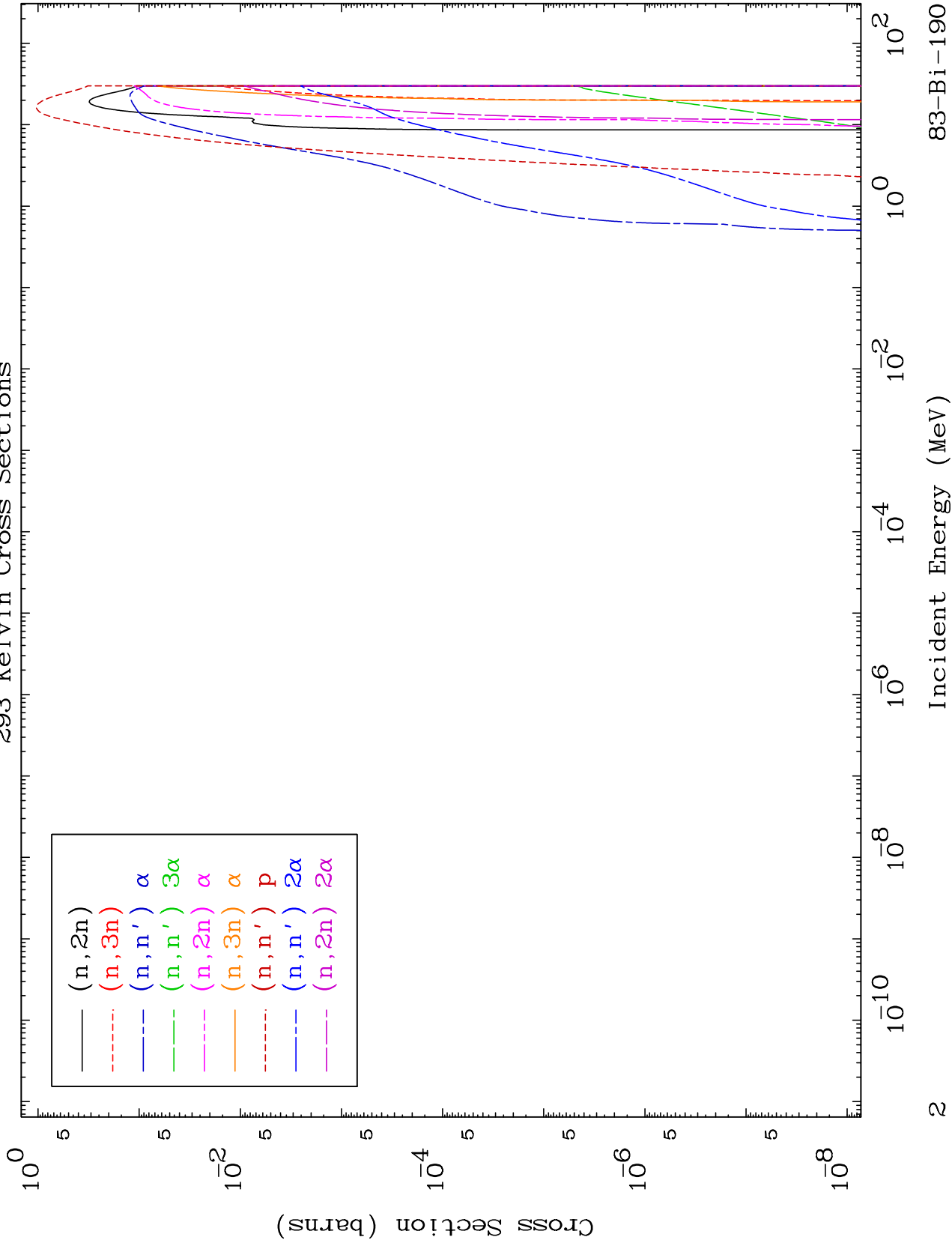
83-Bi-190



MAT 8268

Neutron Production  
293 Kelvin Cross Sections

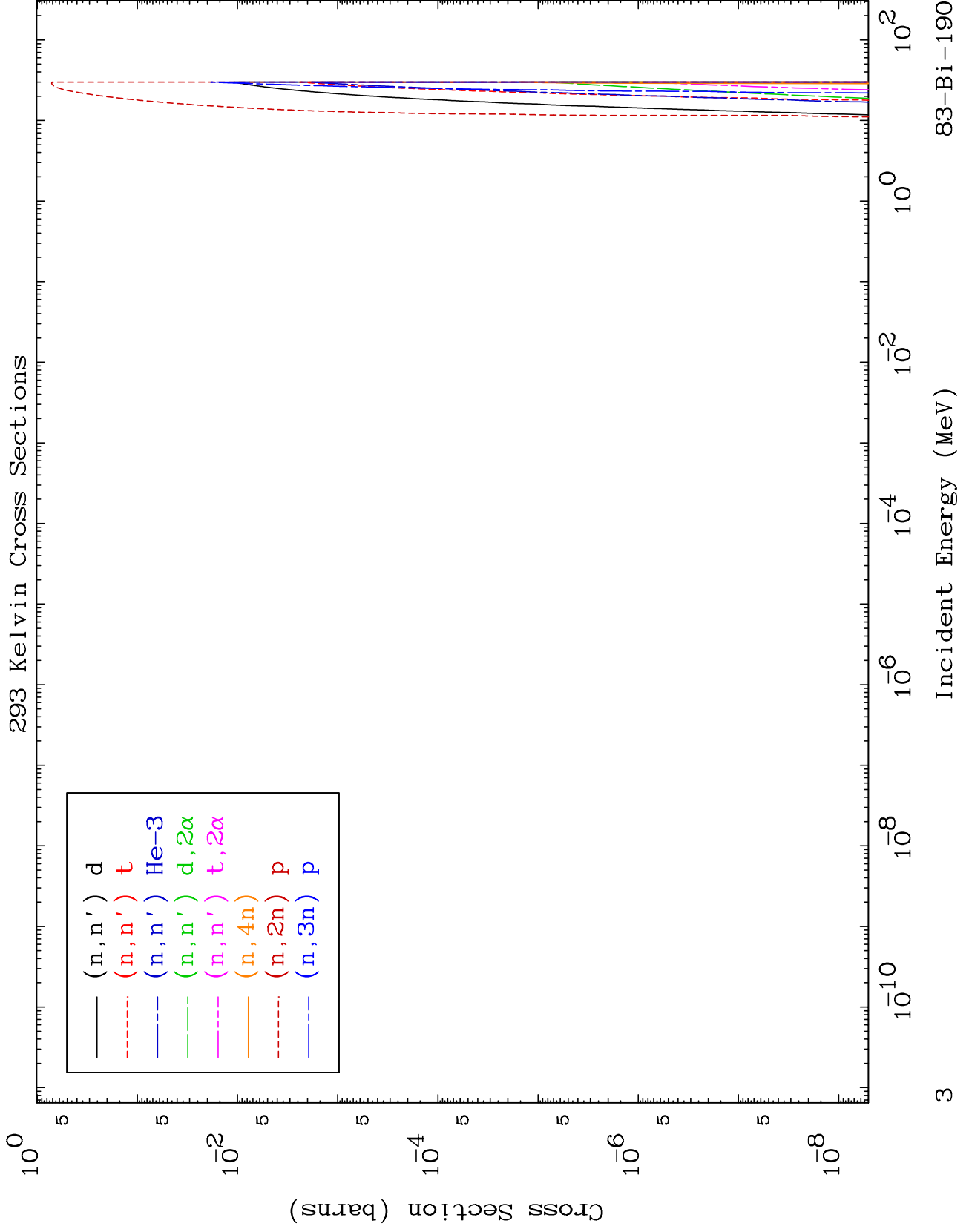
83-Bi-190



MAT 8268

Neutron Production  
293 Kelvin Cross Sections

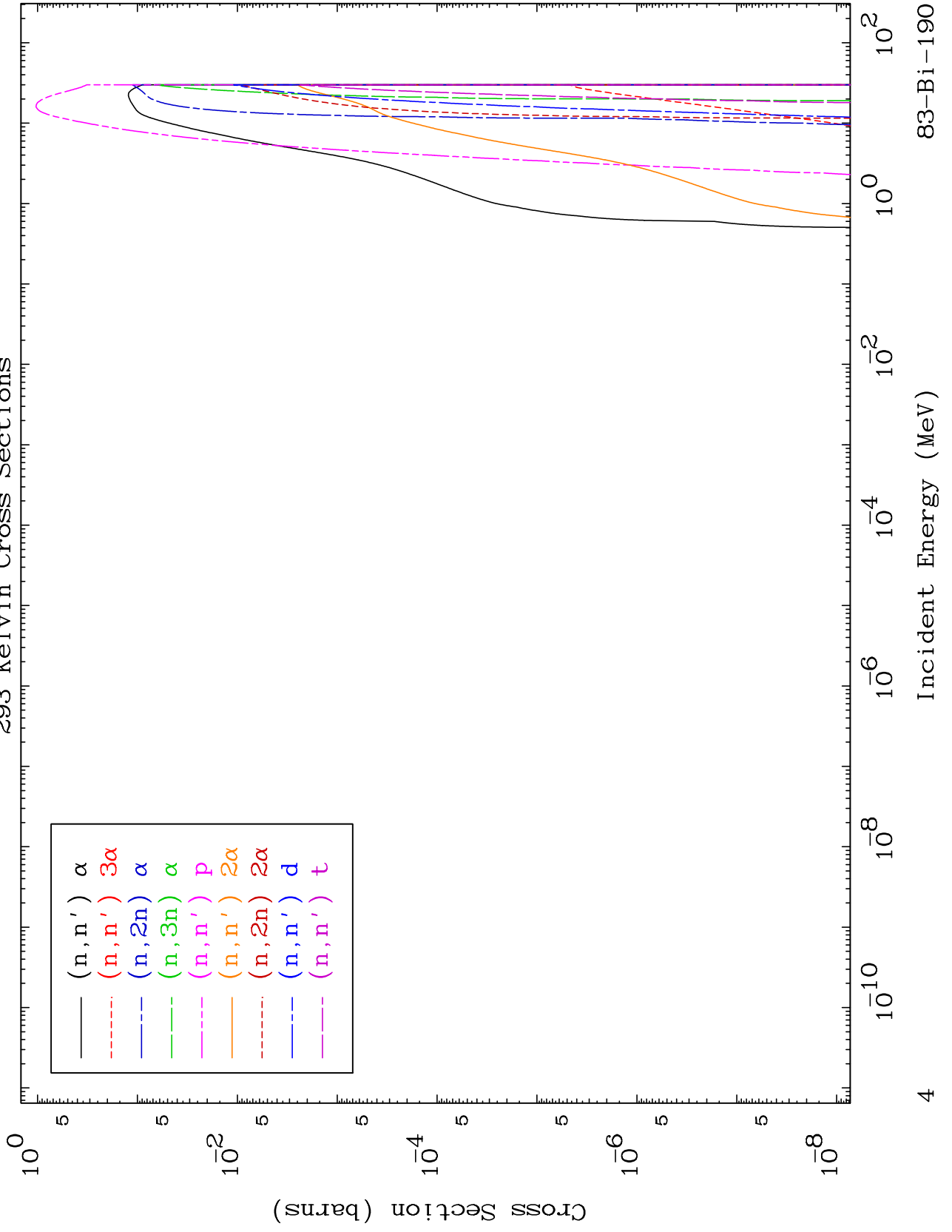
83-Bi-190



MAT 8268

Charged Particle  
293 Kelvin Cross Sections

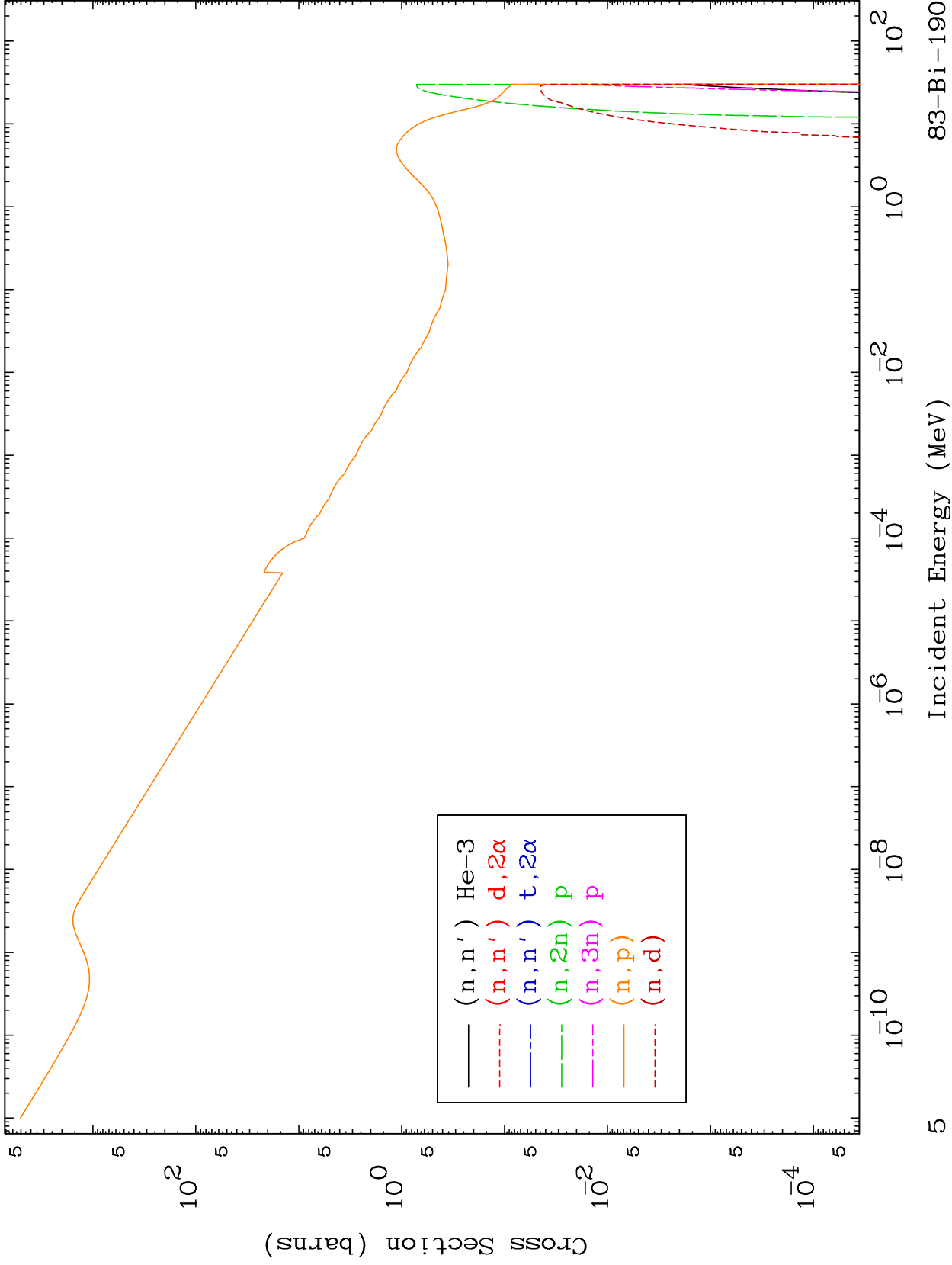
83-Bi-190



MAT 8268

Charged Particle  
293 Kelvin Cross Sections

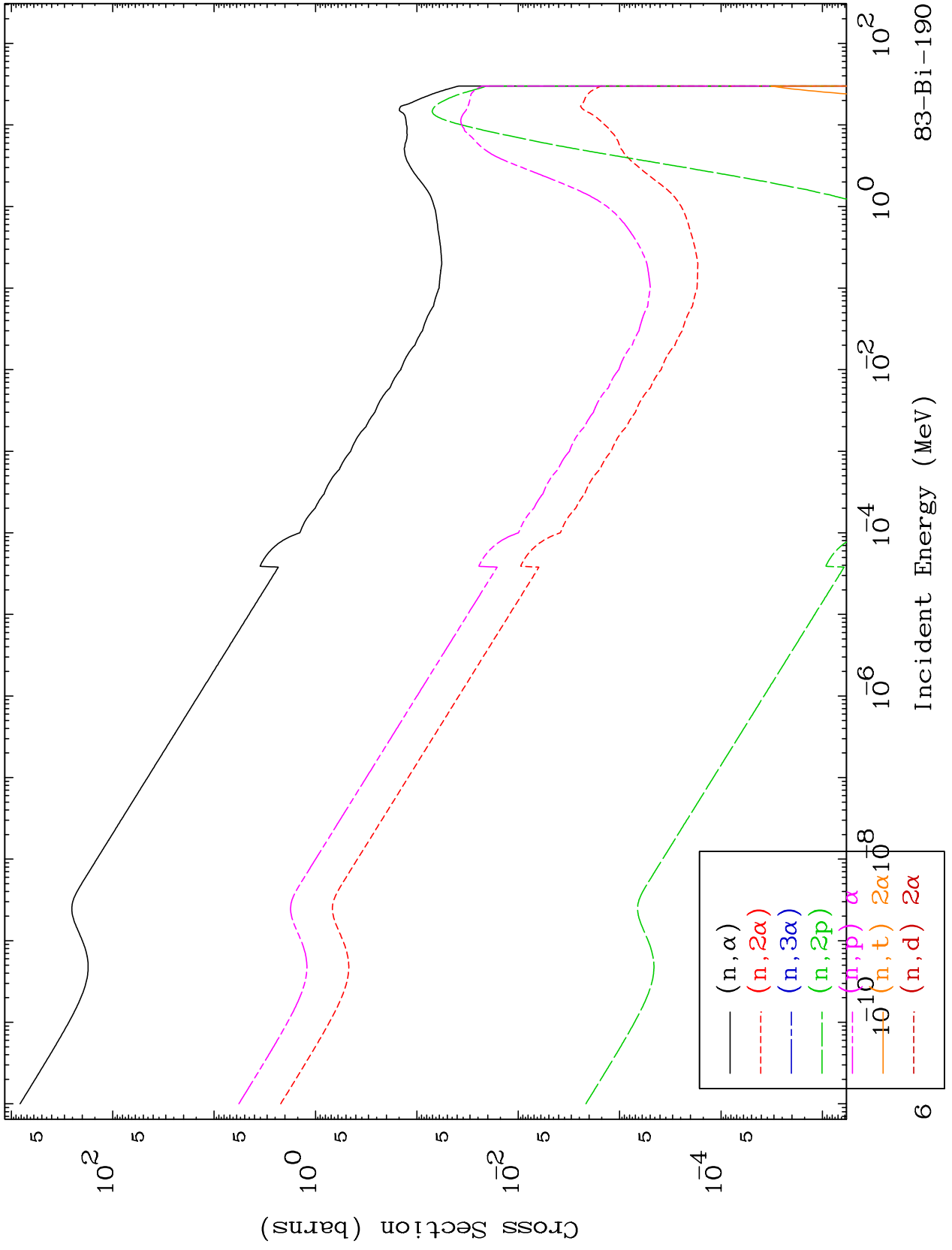
83-Bi-190



MAT 8268

Charged Particle  
293 Kelvin Cross Sections

83-Bi-190

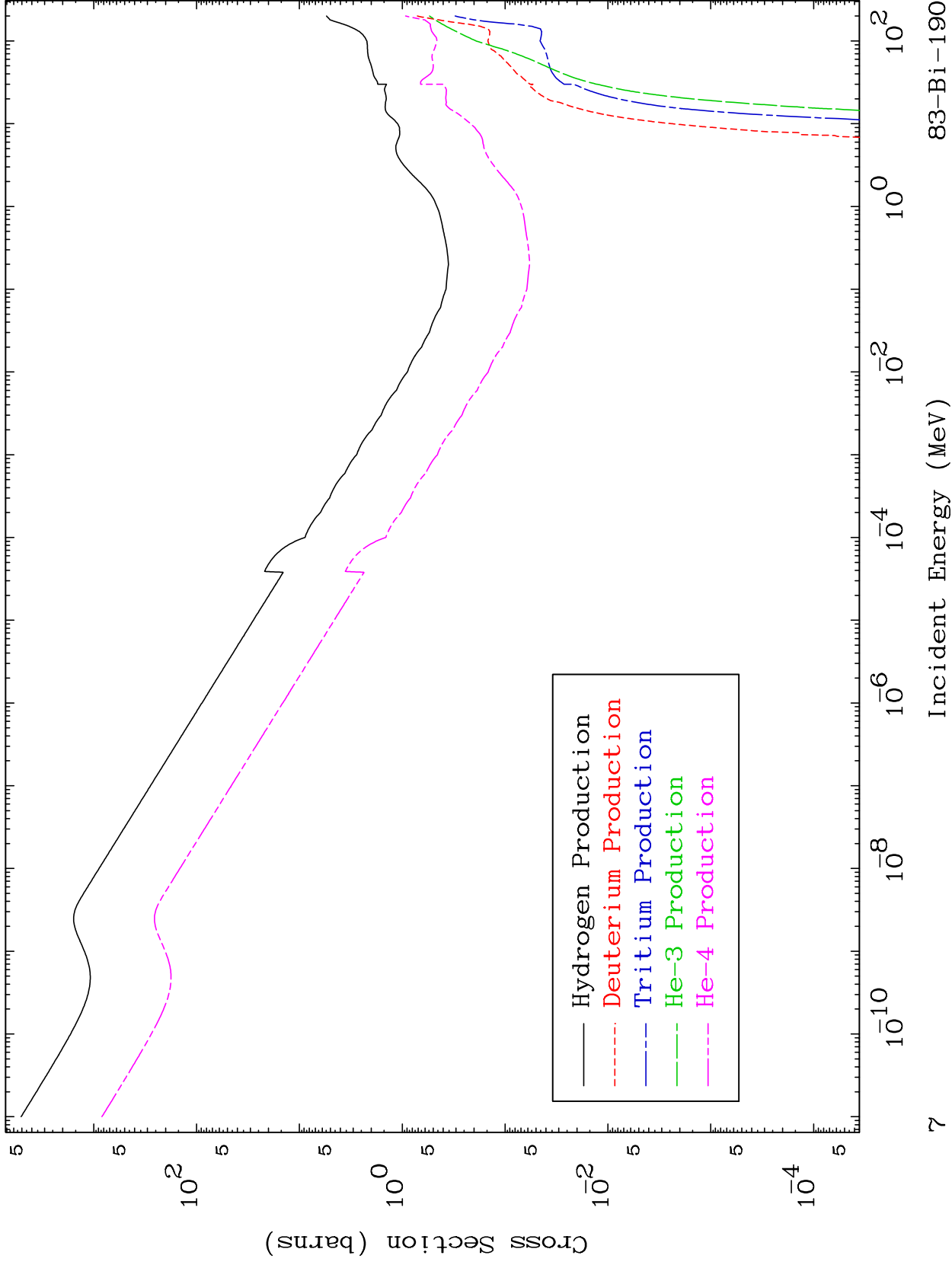


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MAT 8268

Particle Production  
293 Kelvin Cross Sections

83-Bi-190

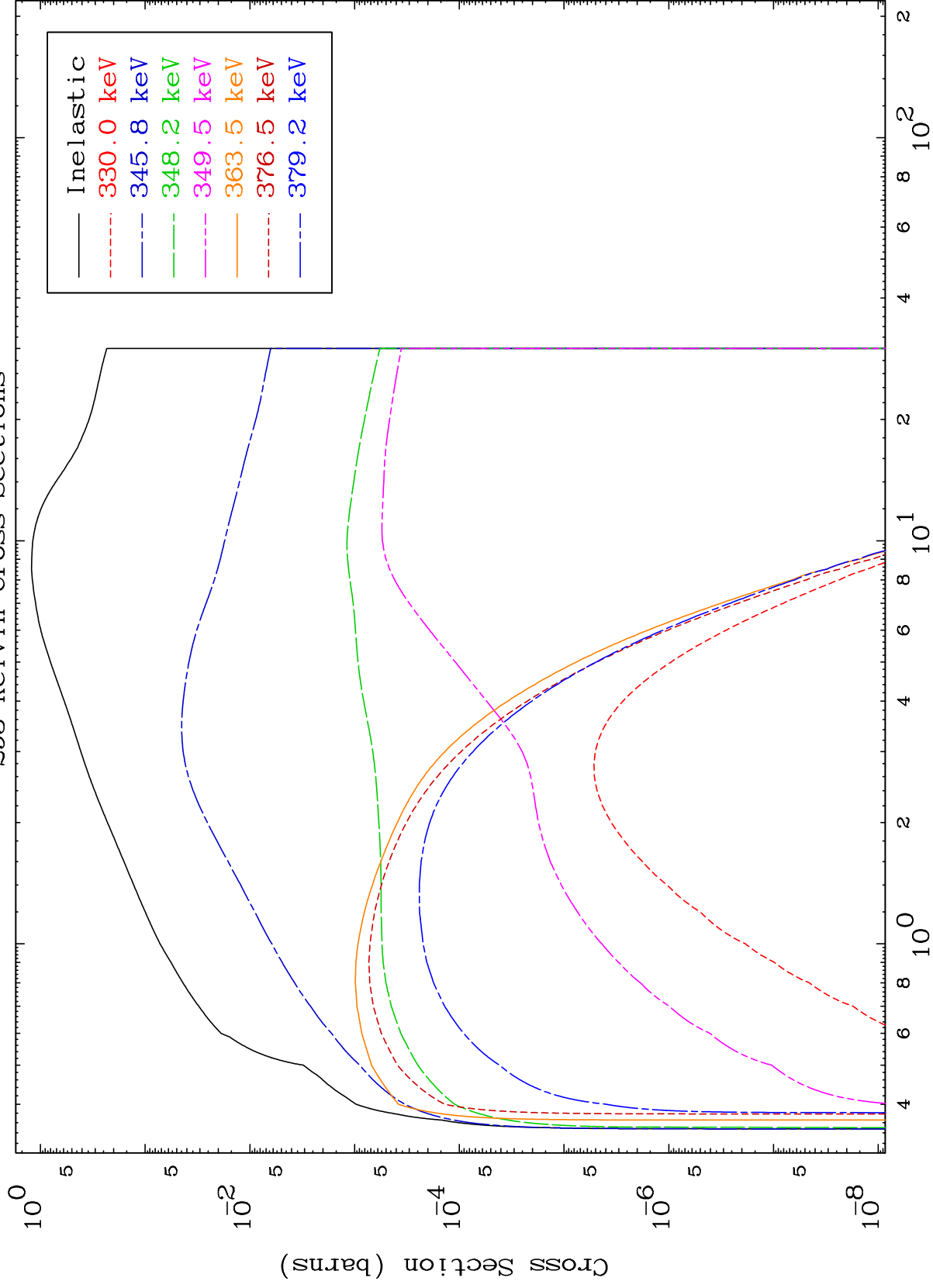




MAT 8268

(n,n') Level  
293 Kelvin Cross Sections

83-Bi-190



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Incident Energy (MeV)

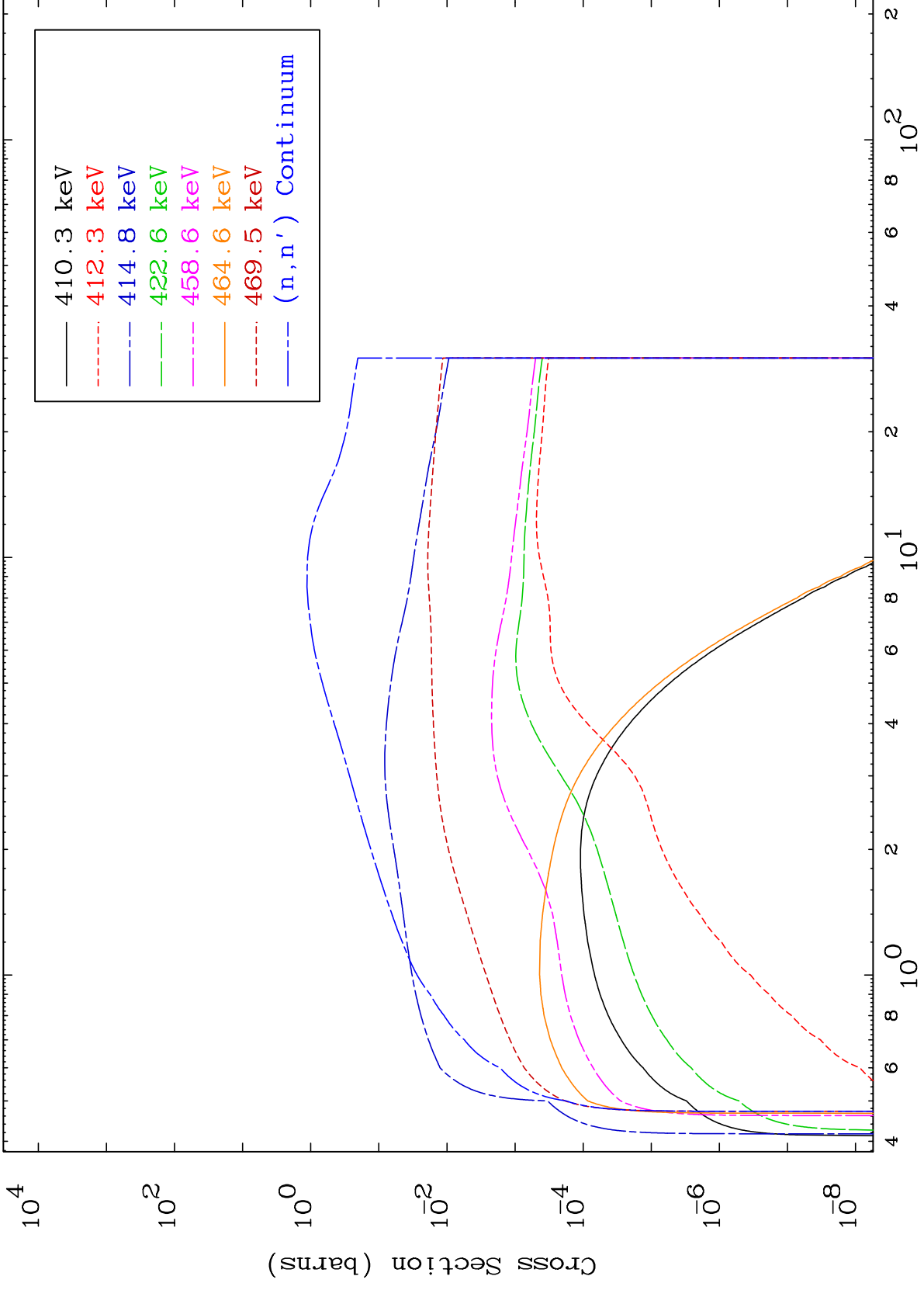
83-Bi-190

MAT 8268

(n,n') Level

83-Bi-190

293 Kelvin Cross Sections



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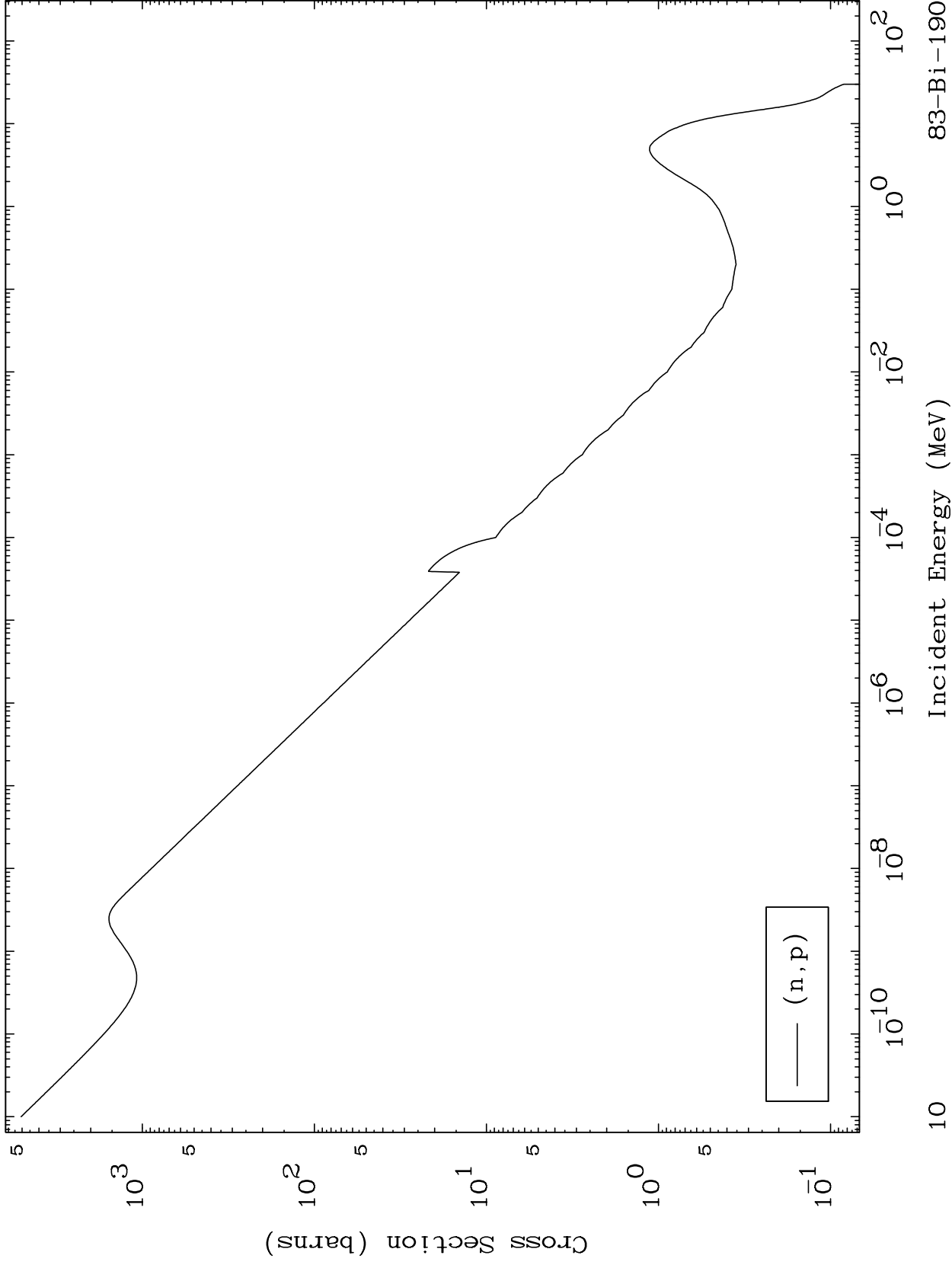
Incident Energy (MeV)

83-Bi-190

MAT 8268

(n,p) Levels  
293 Kelvin Cross Sections

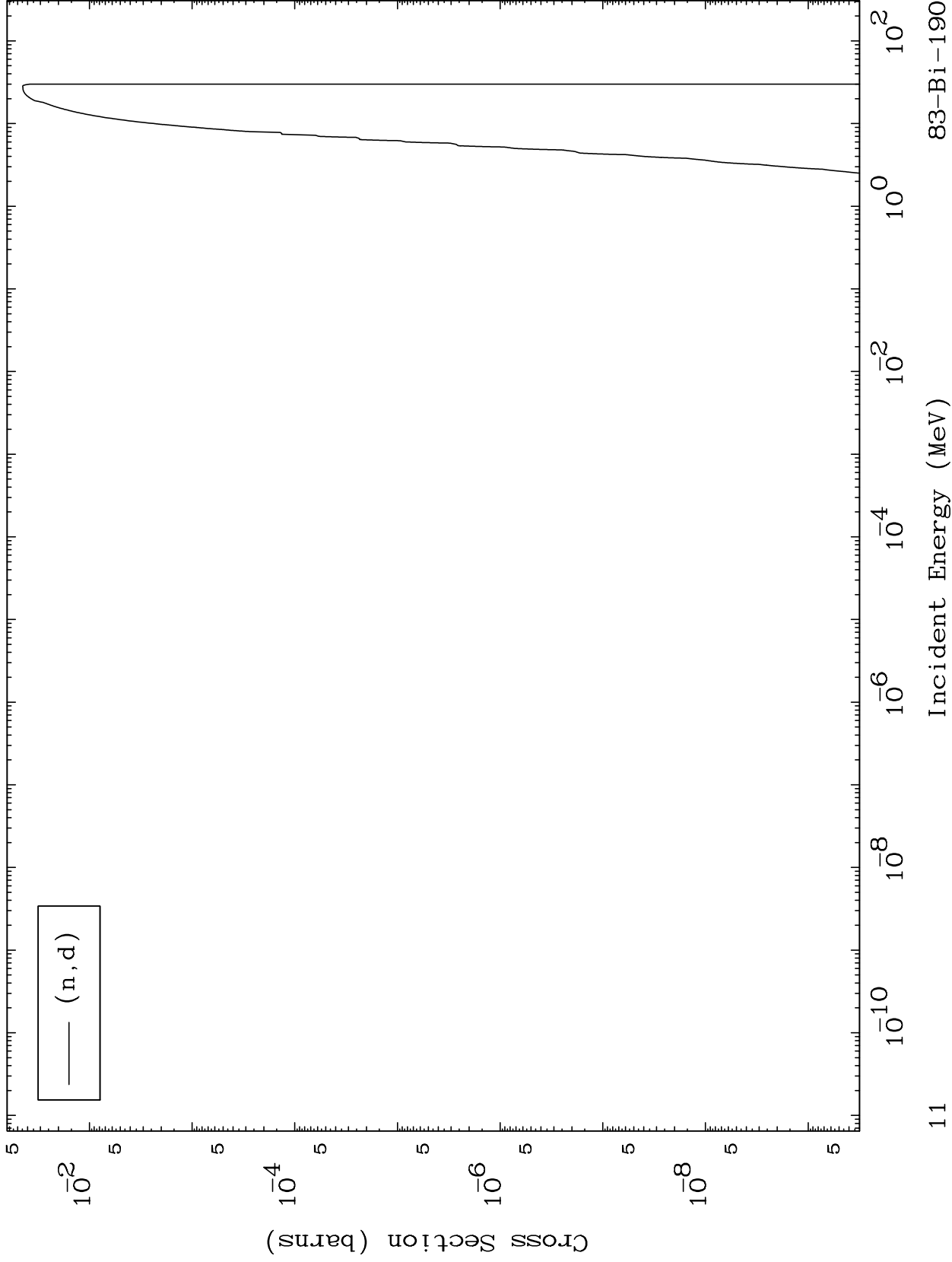
83-Bi-190



MAT 8268

(n,d) Levels  
293 Kelvin Cross Sections

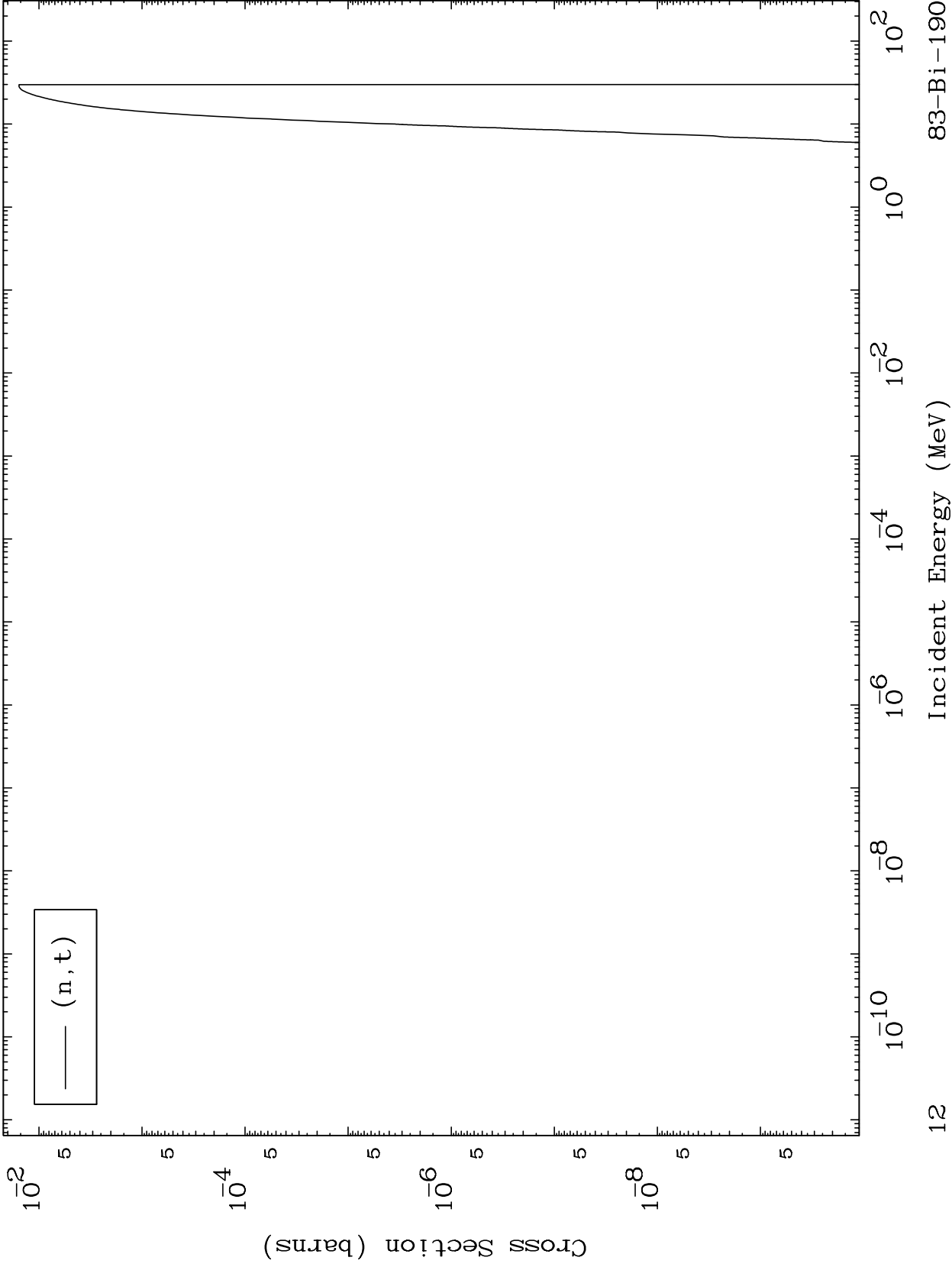
83-Bi-190



MAT 8268

(n,t) Levels  
293 Kelvin Cross Sections

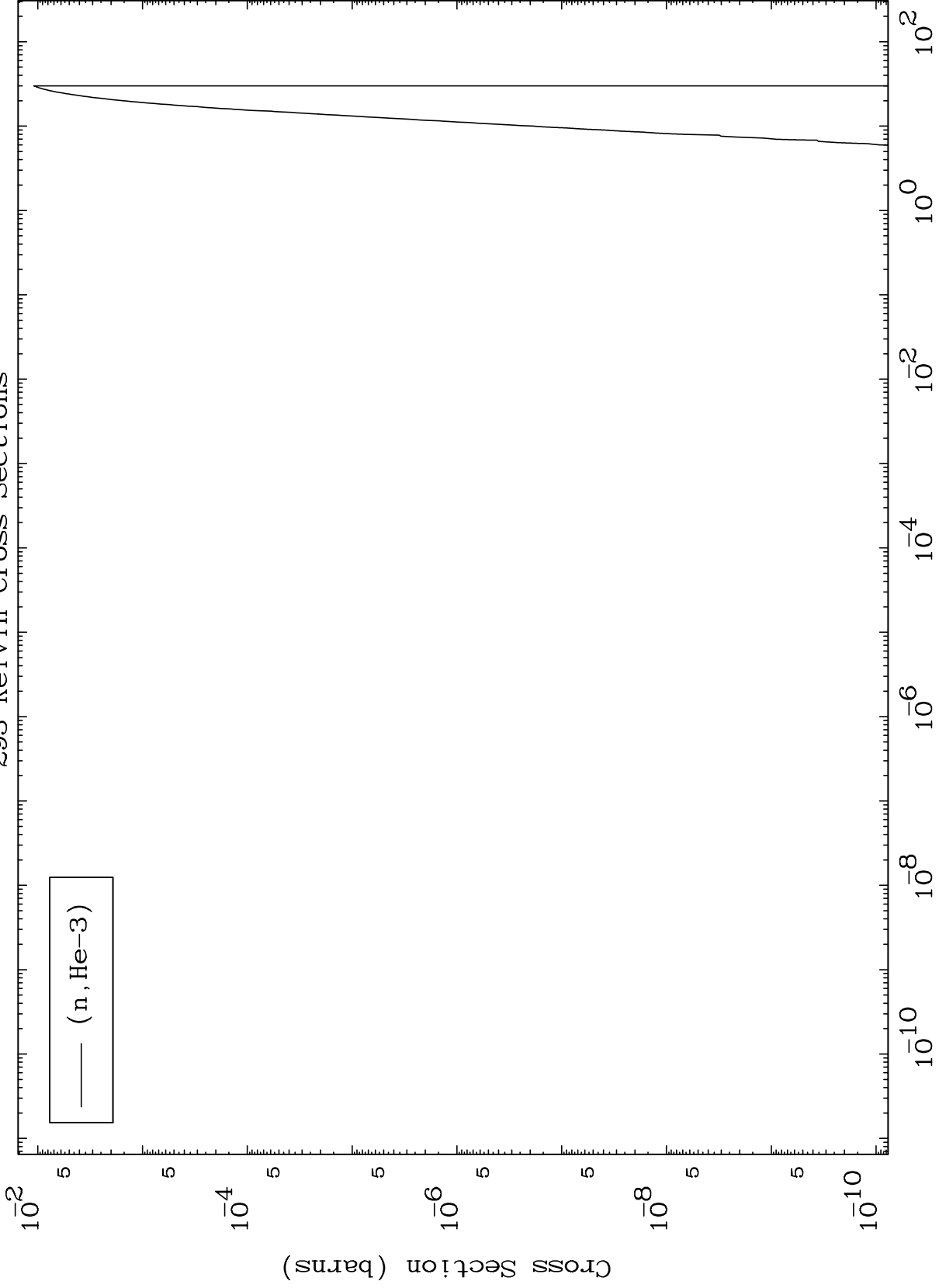
83-Bi-190



MAT 8268

(n,He3) Levels  
293 Kelvin Cross Sections

83-Bi-190



13

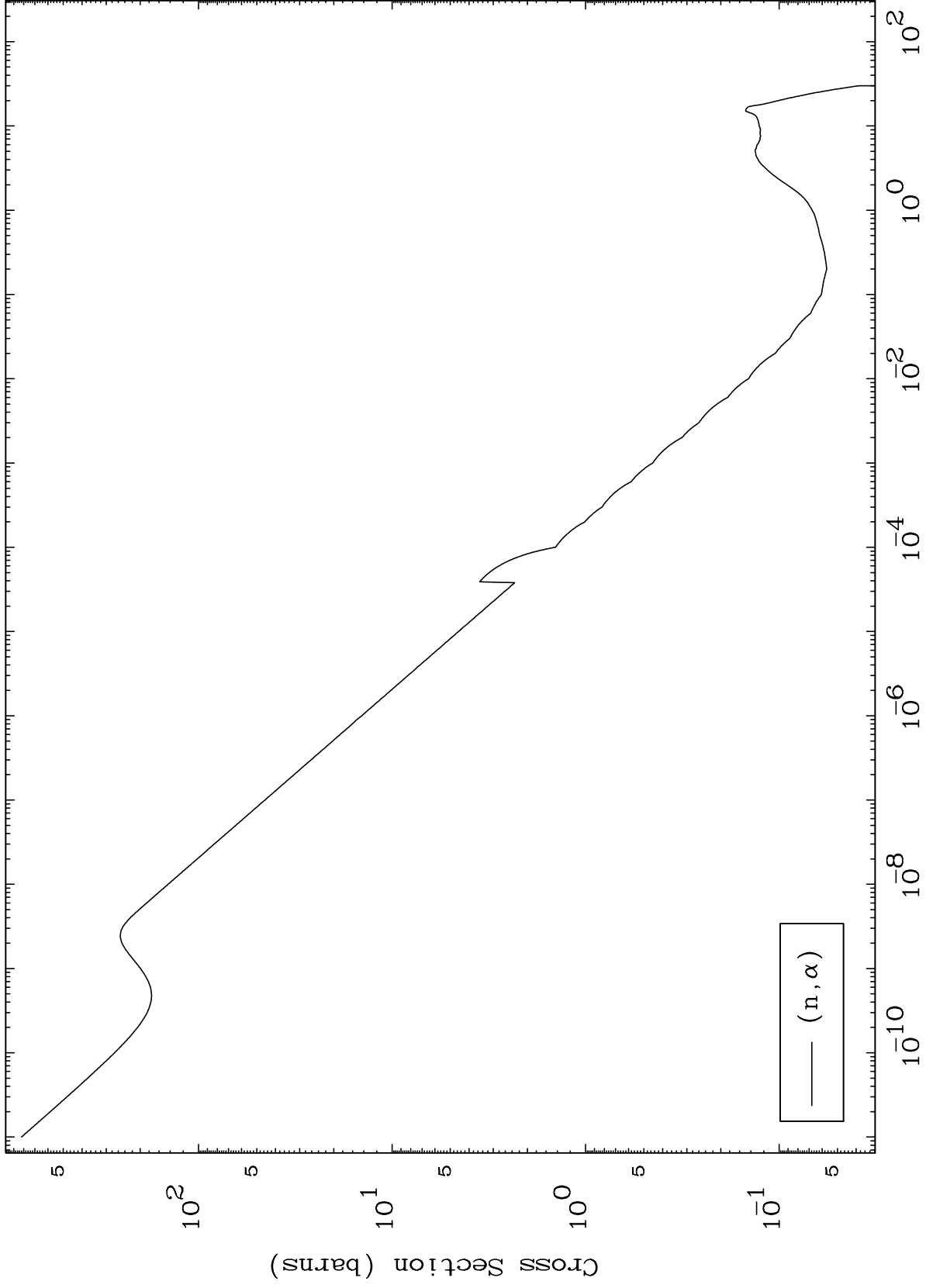
Incident Energy (MeV)

83-Bi-190

MAT 8268

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

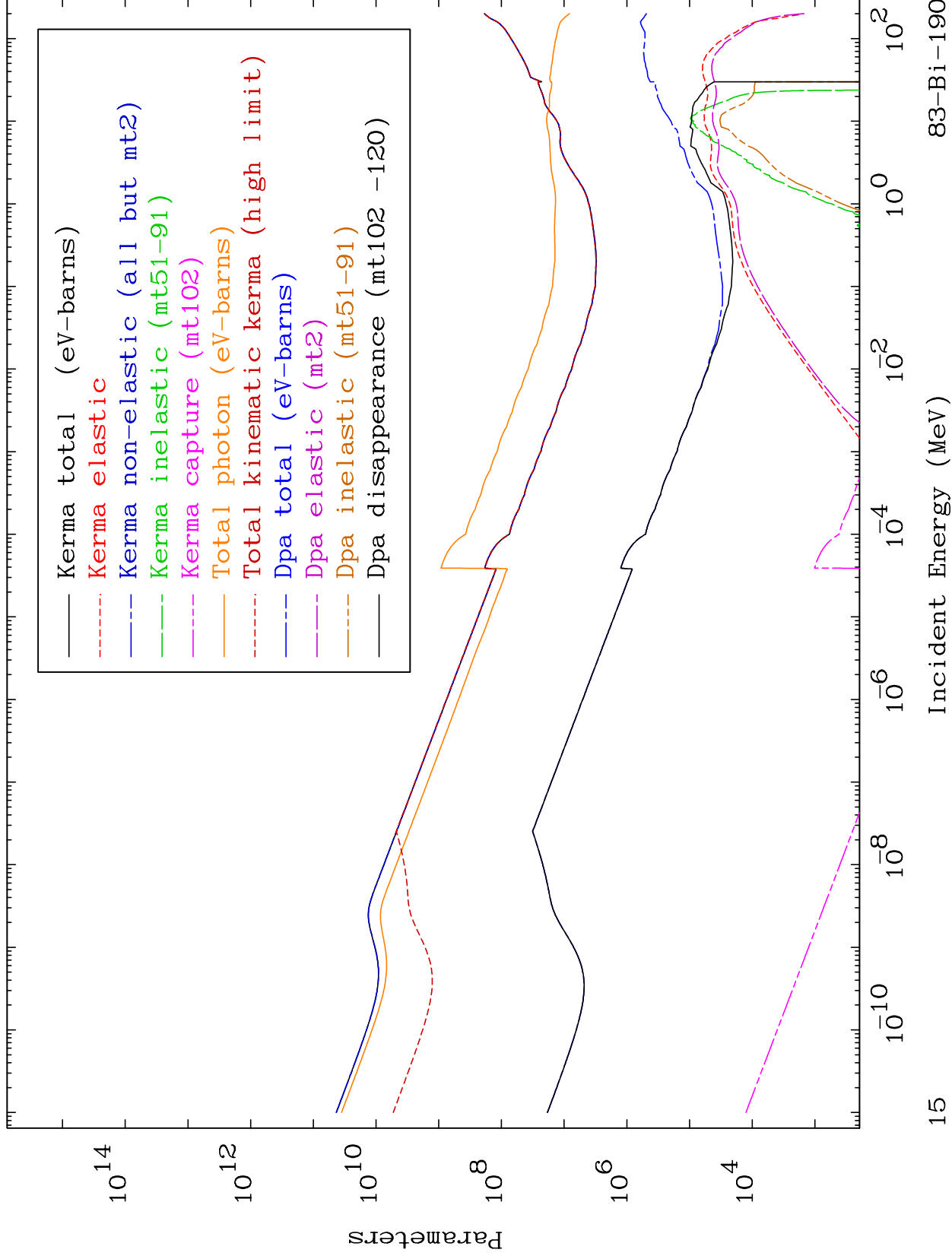
83-Bi-190



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Incident Energy (MeV)

83-Bi-190

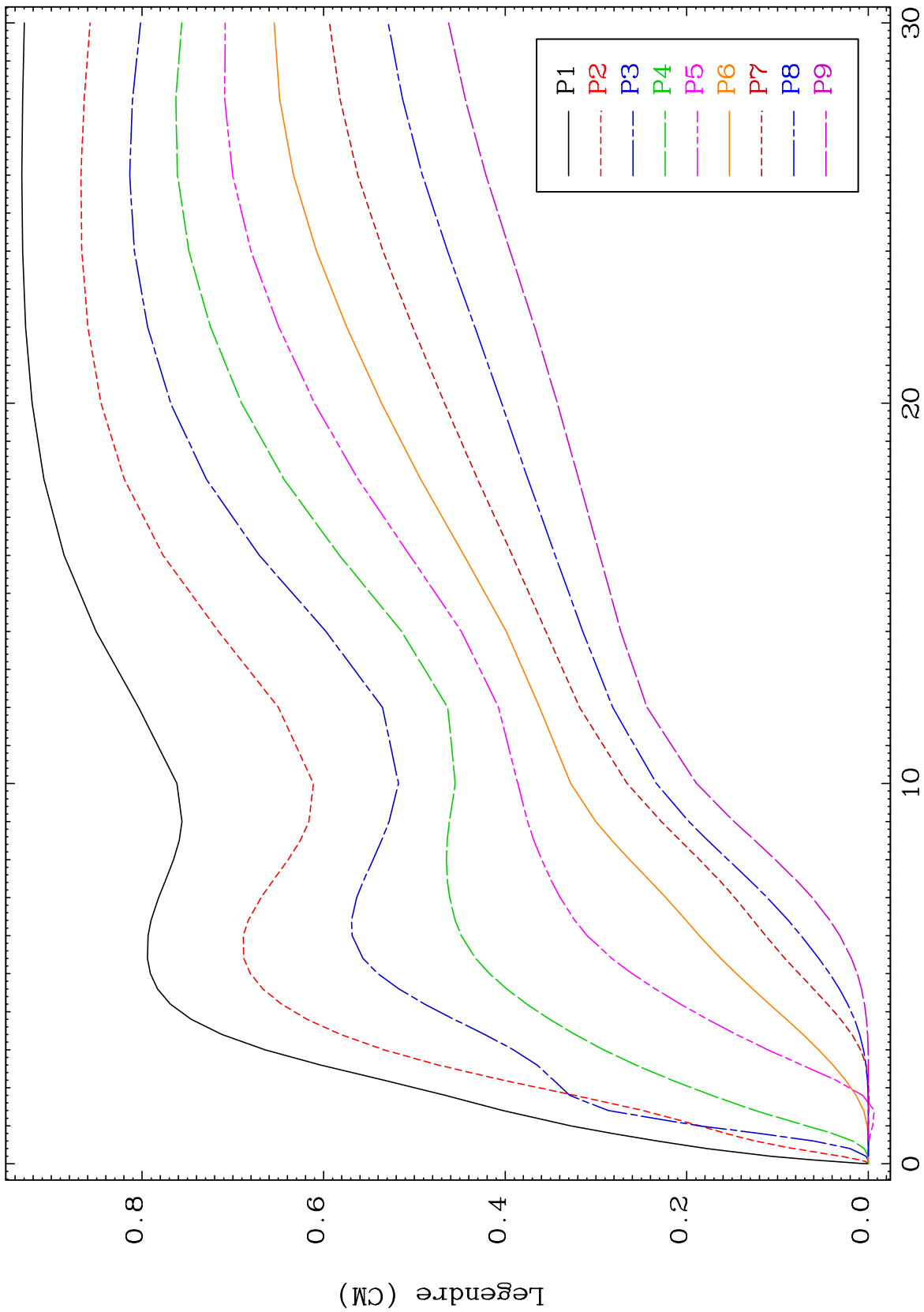




MAT 8268

83-Bi-190

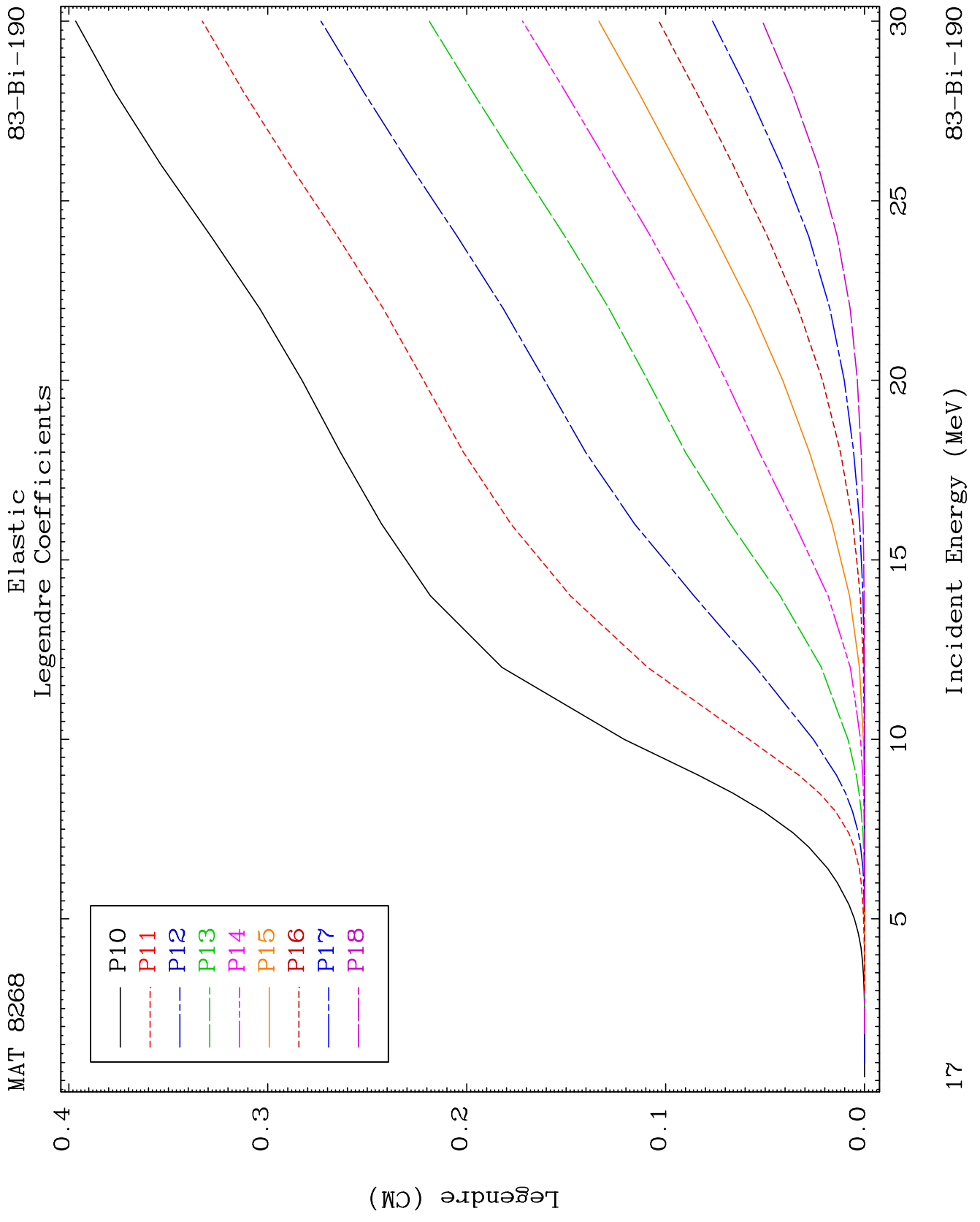
Elastic Legendre Coefficients



83-Bi-190

Incident Energy (MeV)

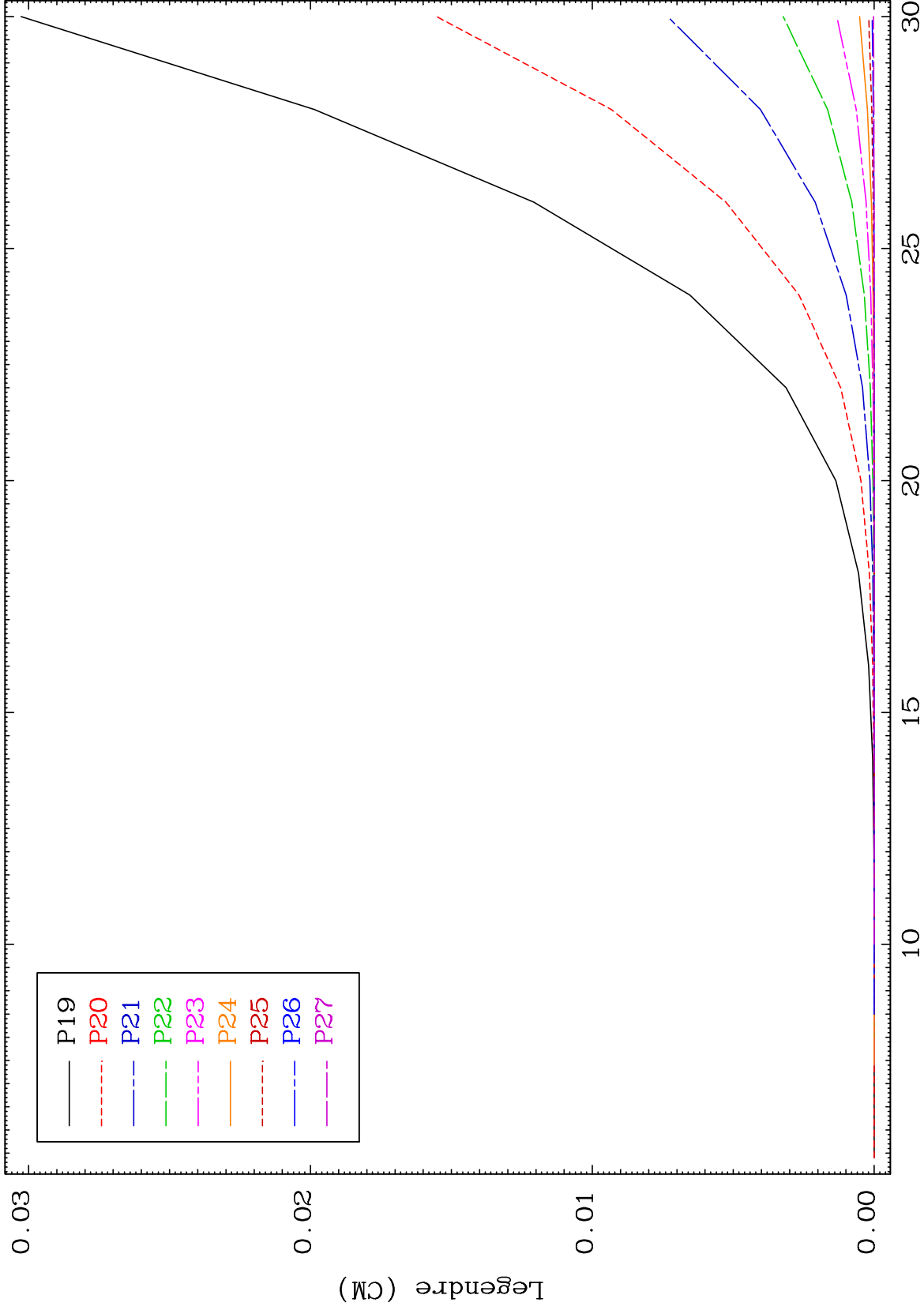
16



MAT 8268

Elastic  
Legendre Coefficients

83-Bi-190



18

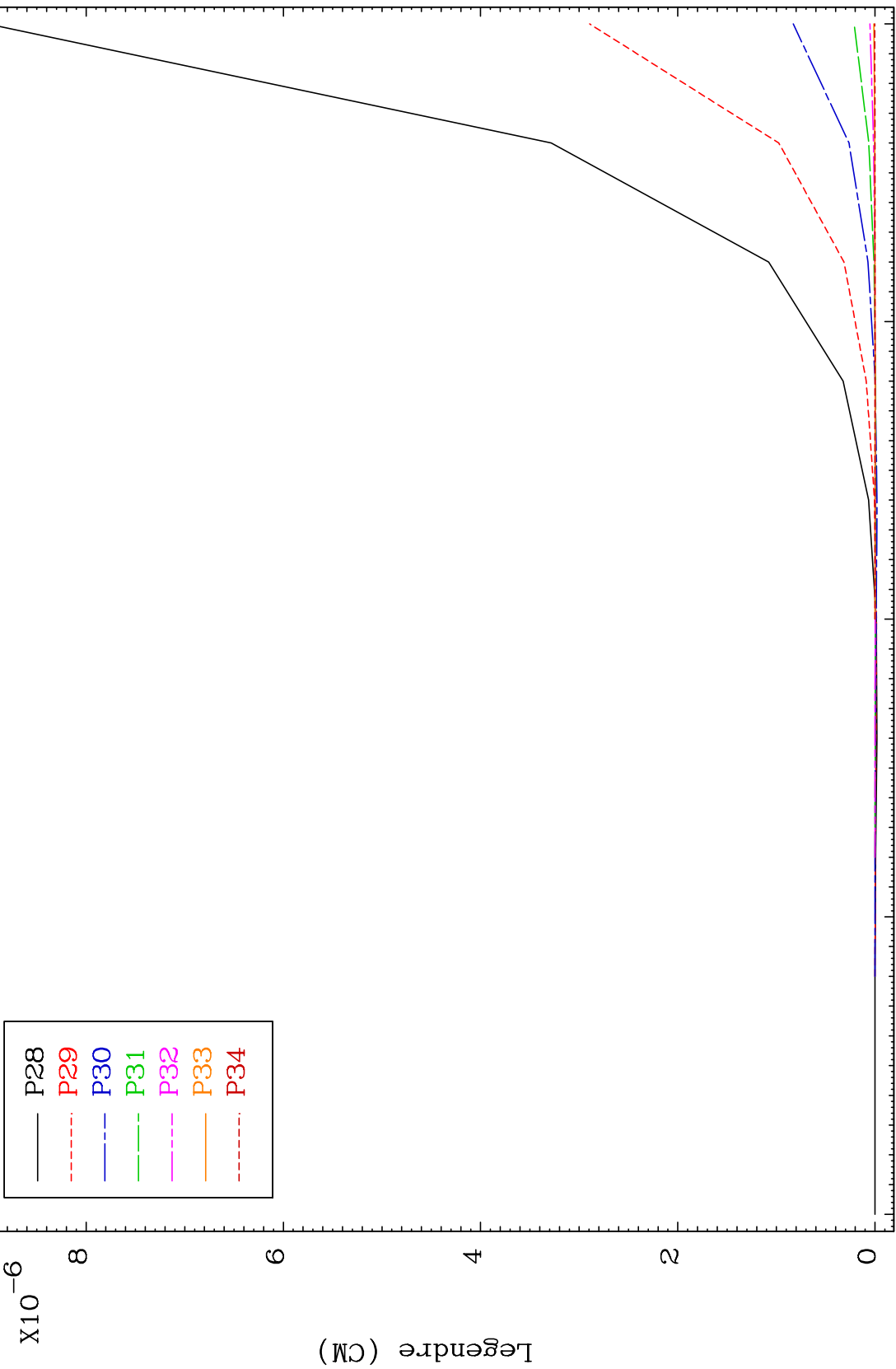
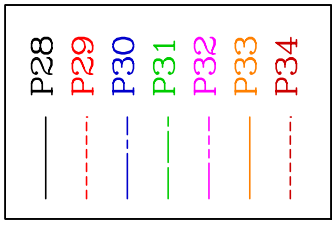
Incident Energy (MeV)

83-Bi-190

MAT 8268

Elastic Legendre Coefficients

83-Bi-190



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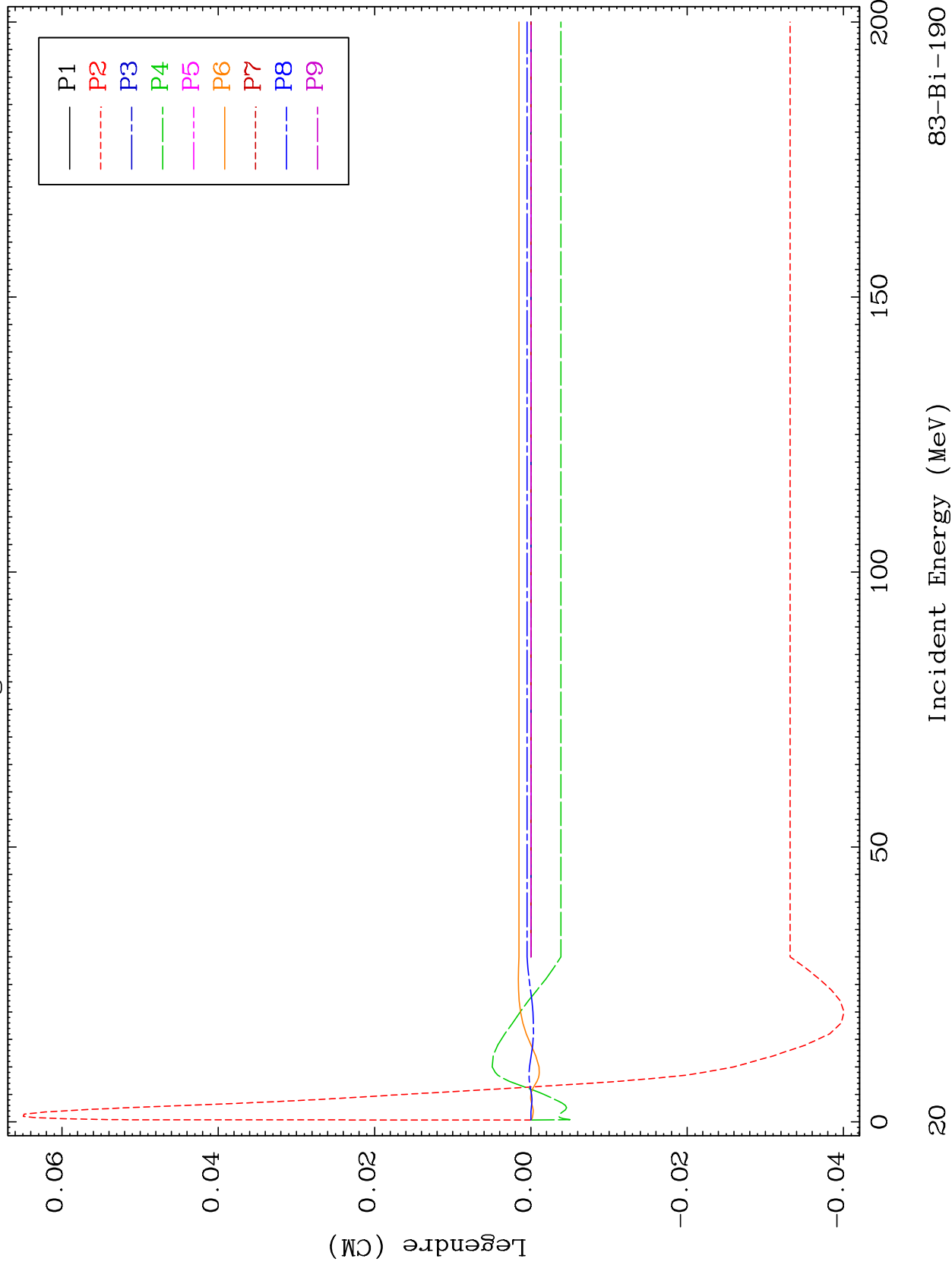
Incident Energy (MeV)

83-Bi-190

MAT 8268

330.0 keV (n,n') Level  
Legendre Coefficients

83-Bi-190

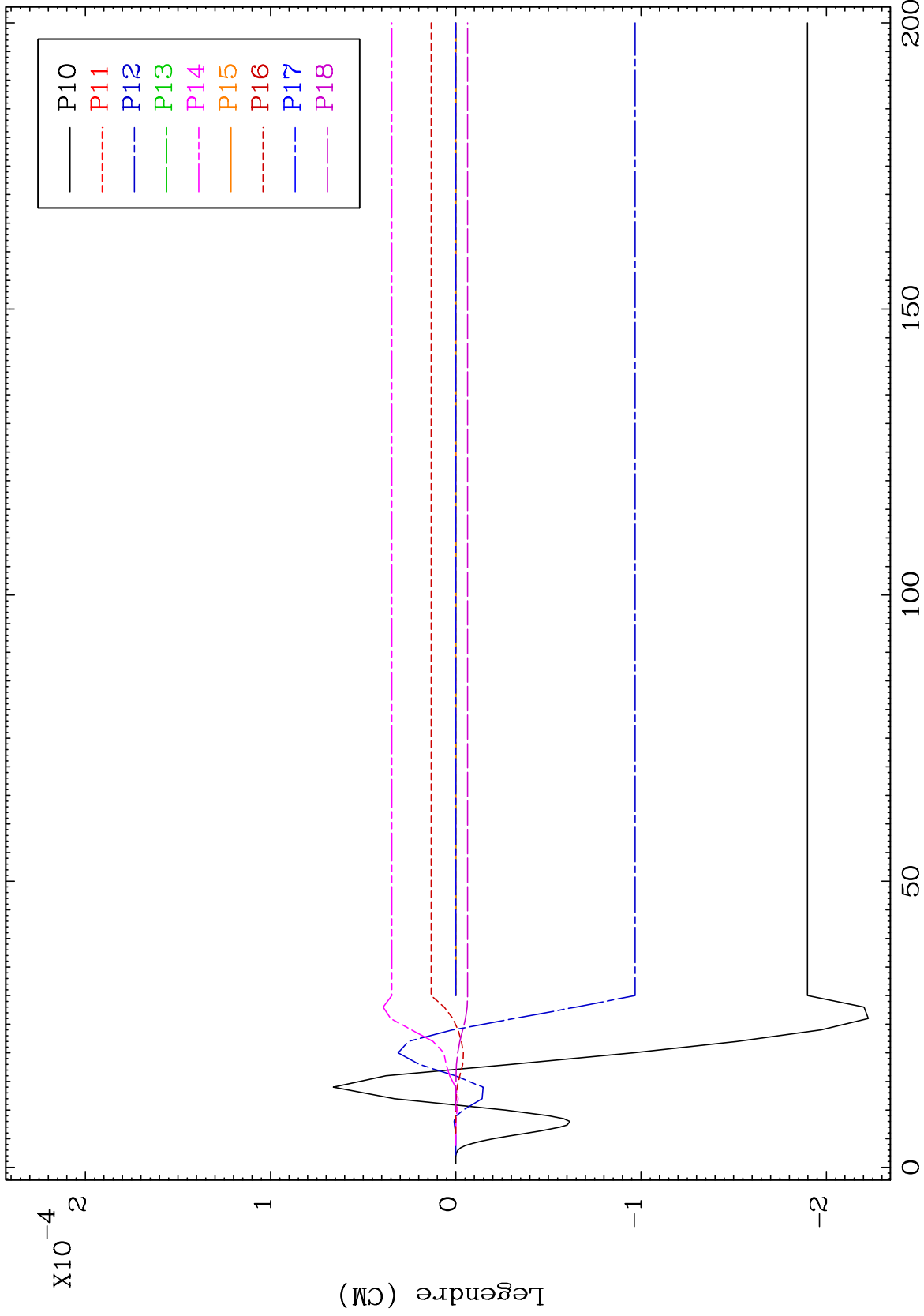


83-Bi-190

MAT 8268

330.0 keV (n,n') Level  
Legendre Coefficients

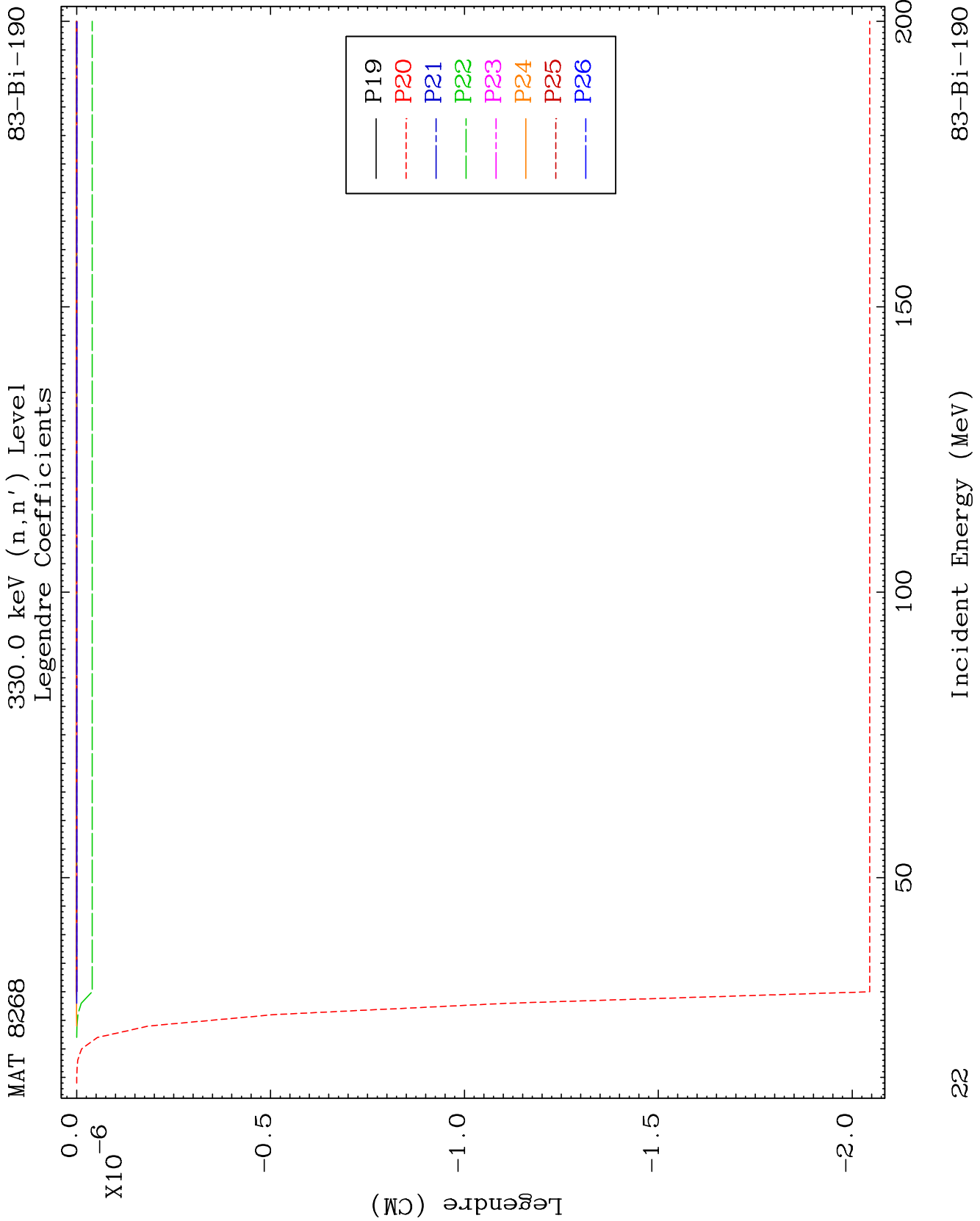
83-Bi-190



21

Incident Energy (MeV)

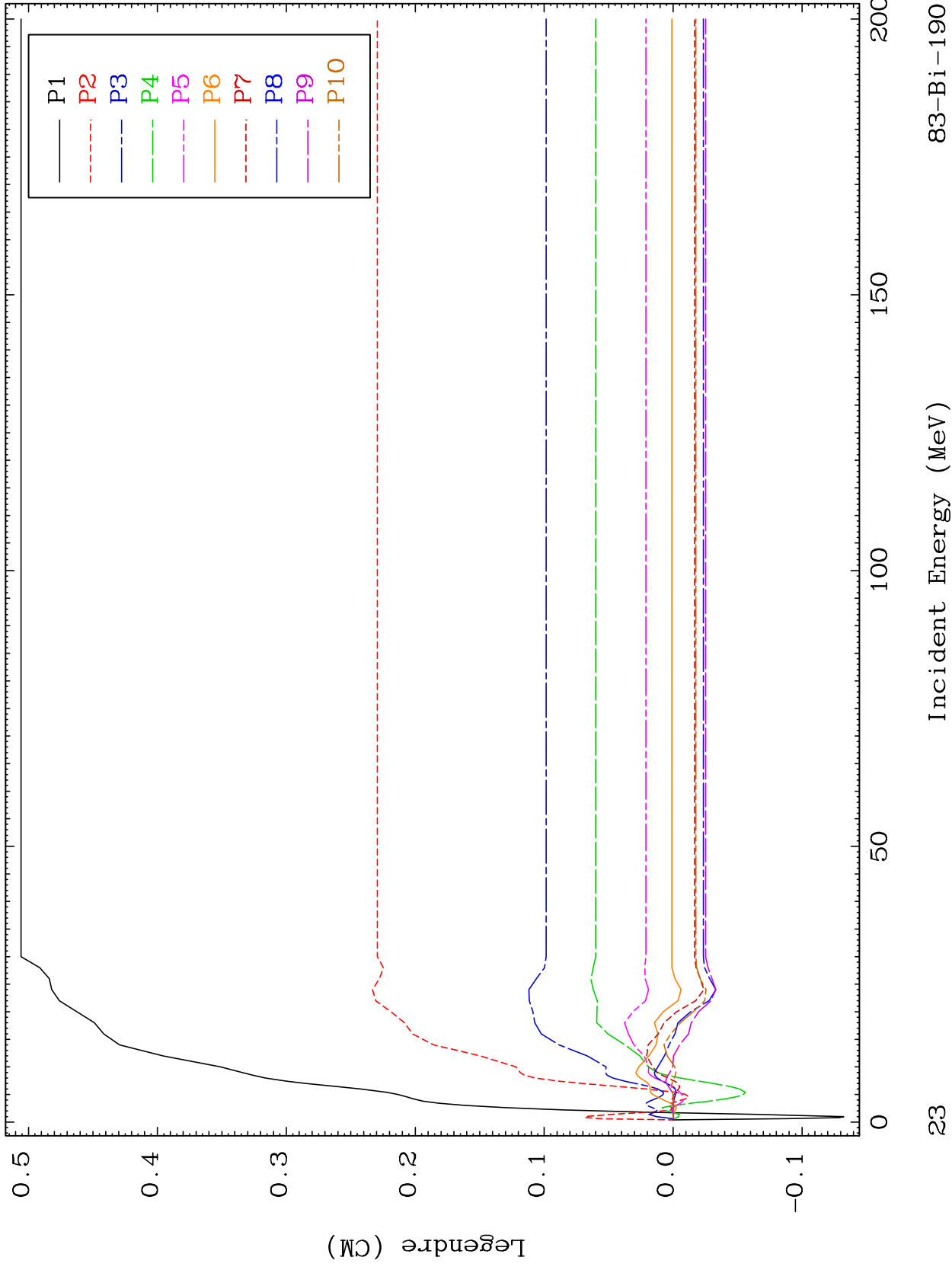
83-Bi-190



MAT 8268

345.8 keV (n,n') Level  
Legendre Coefficients

83-Bi-190

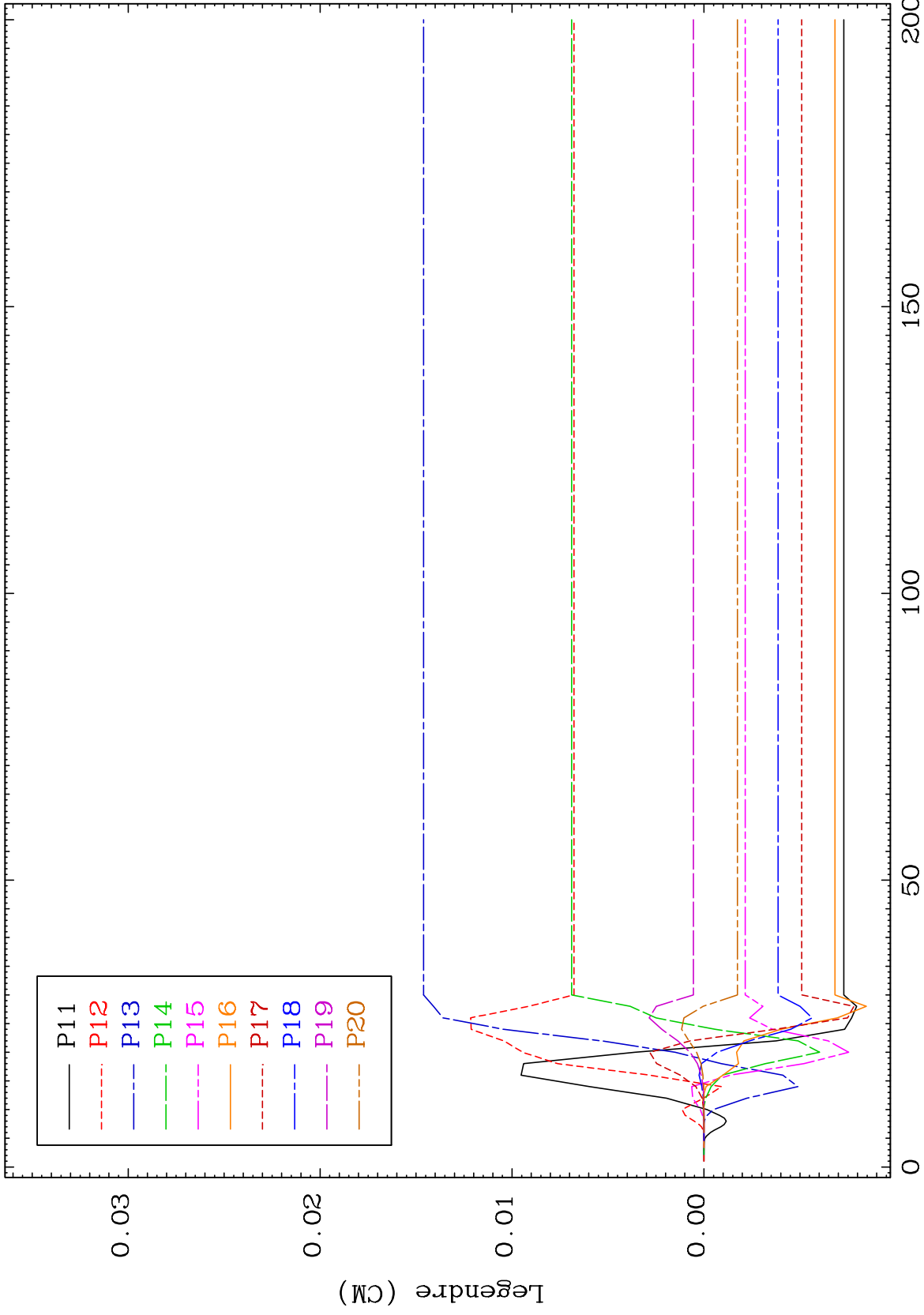




MAT 8268

345.8 keV (n,n') Level  
Legendre Coefficients

83-Bi-190



24

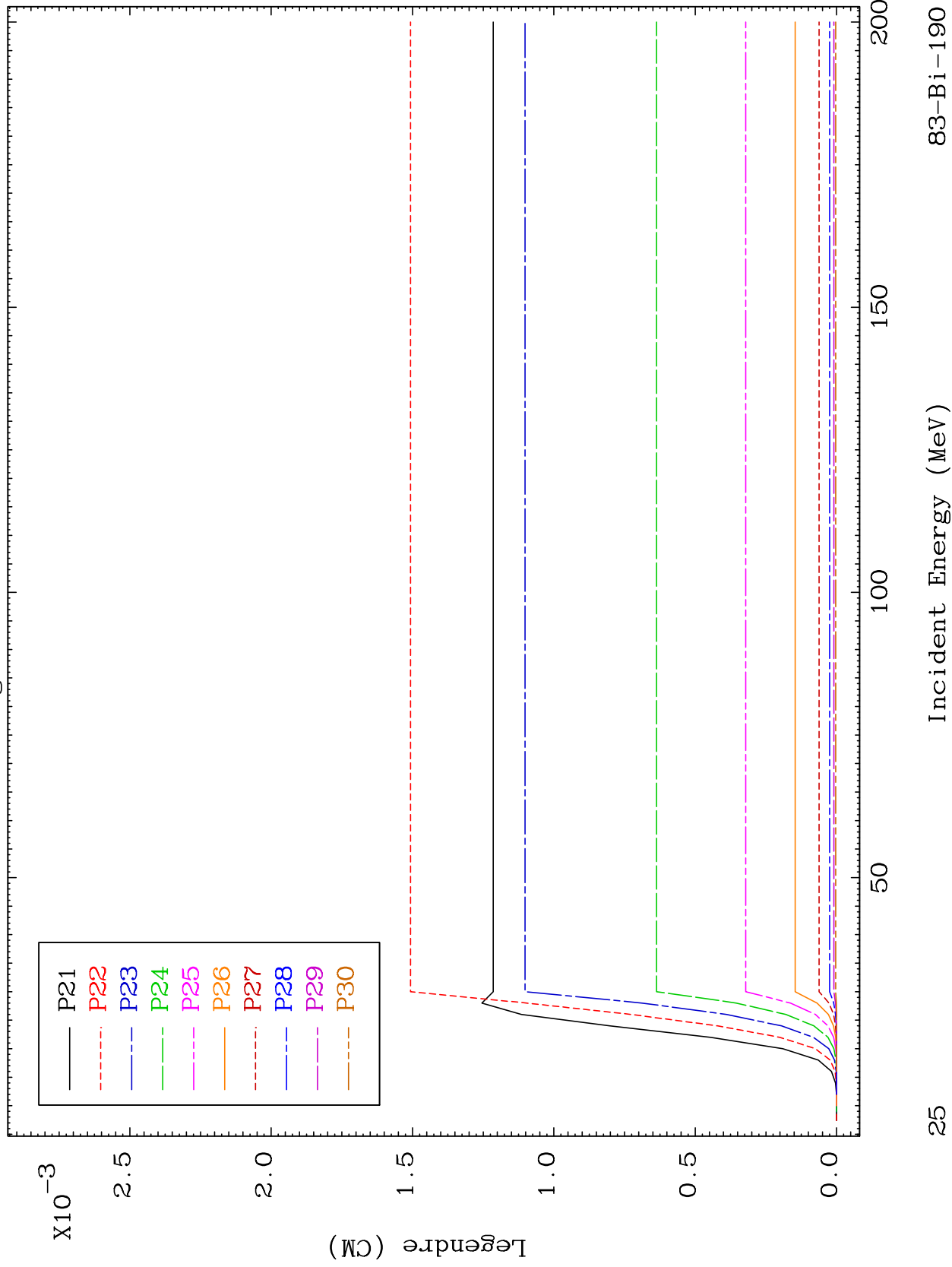
Incident Energy (MeV)

83-Bi-190

MAT 8268

345.8 keV (n,n') Level  
Legendre Coefficients

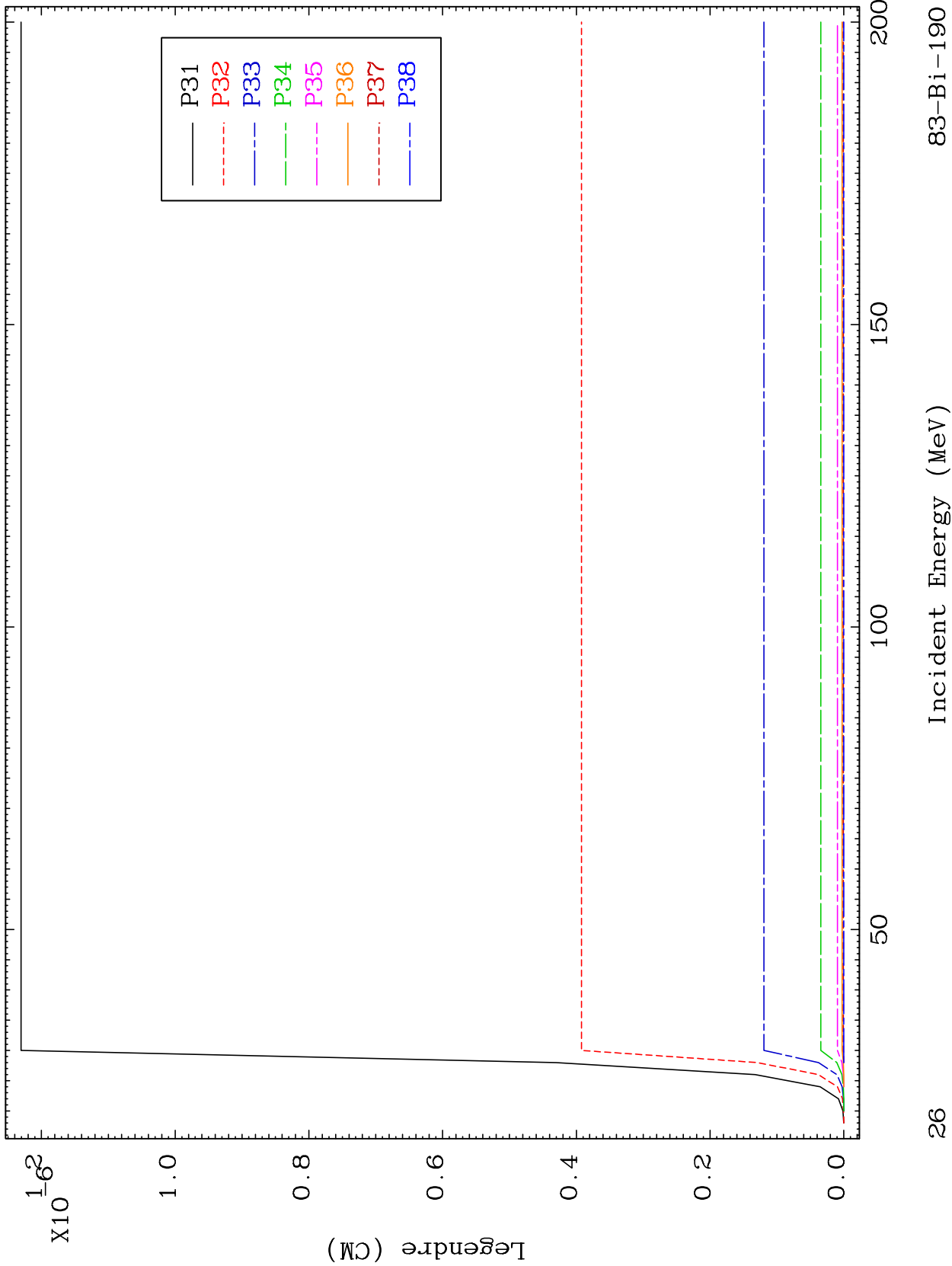
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25

Incident Energy (MeV)

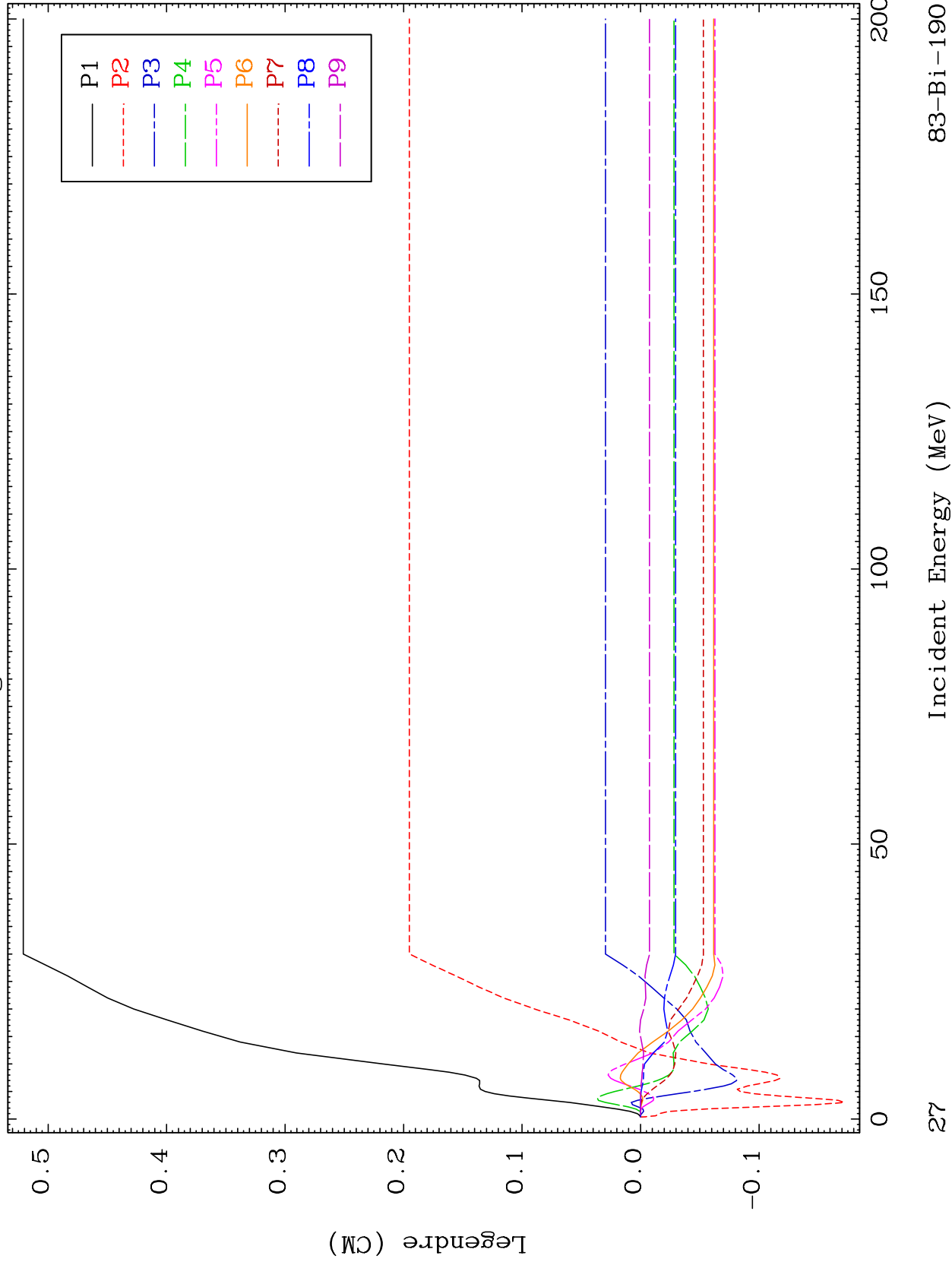
83-Bi-190



MAT 8268

348.2 keV (n,n') Level  
Legendre Coefficients

83-Bi-190



83-Bi-190

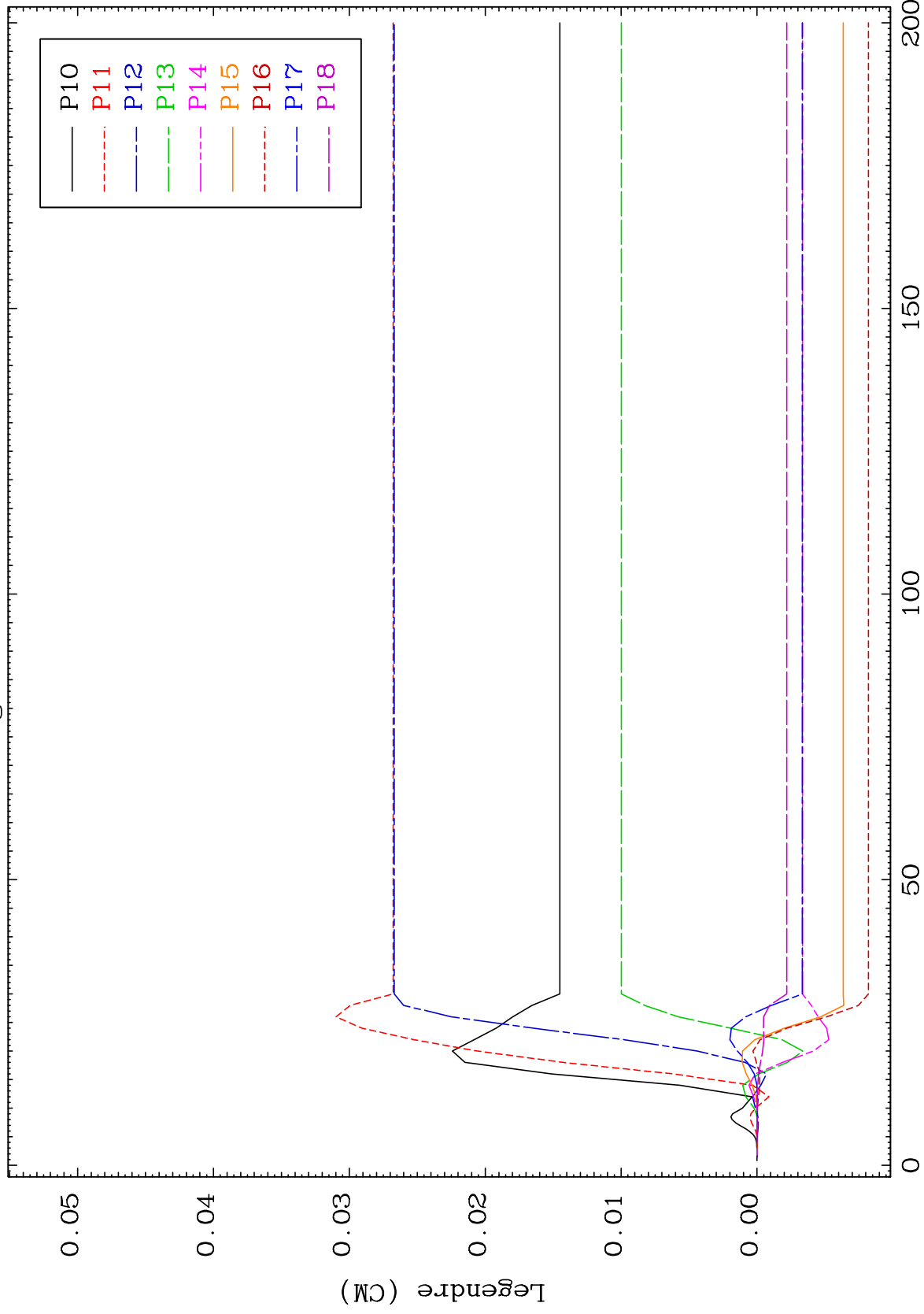
Incident Energy (MeV)

27

MAT 8268

348.2 keV (n,n') Level  
Legendre Coefficients

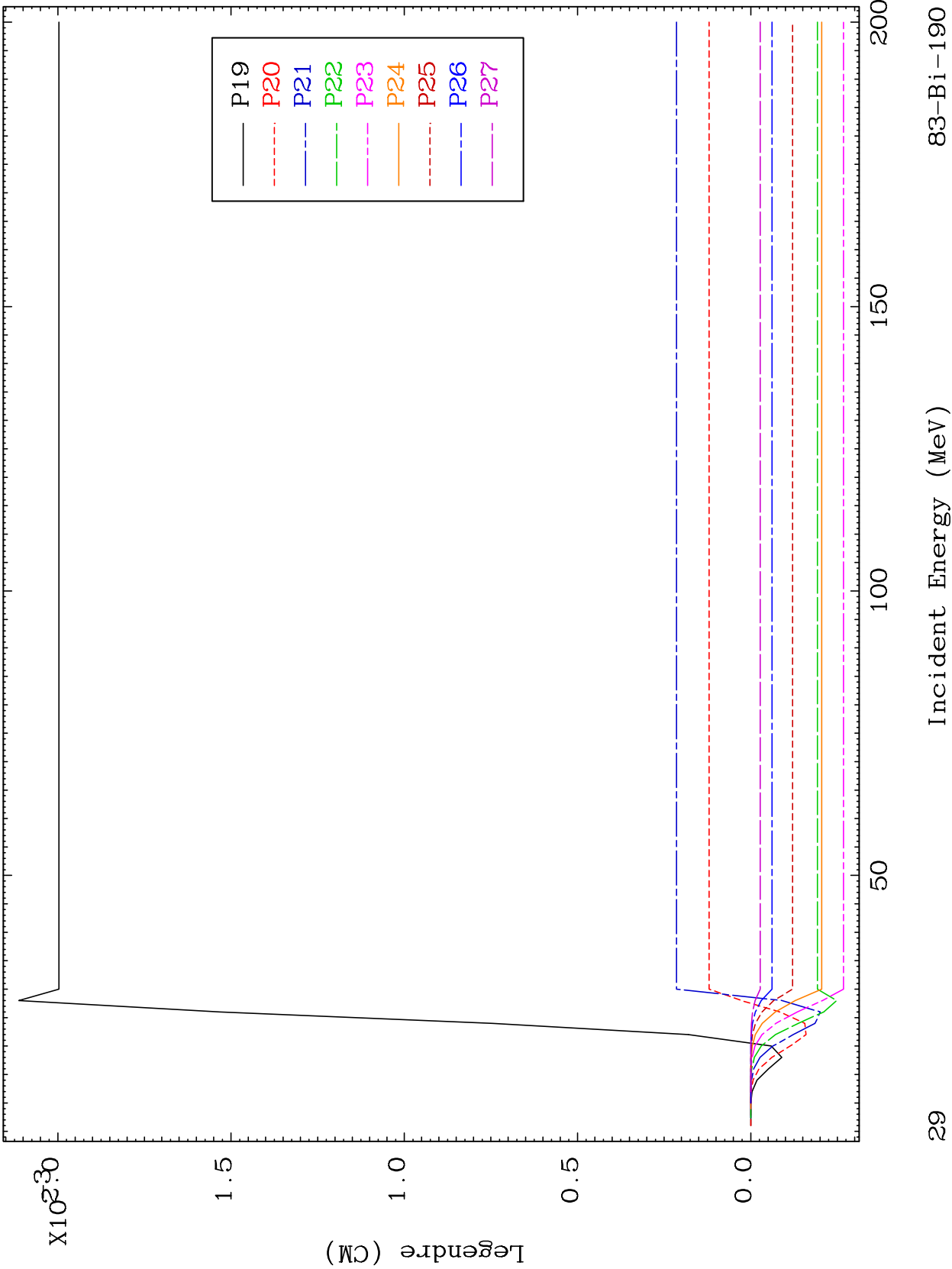
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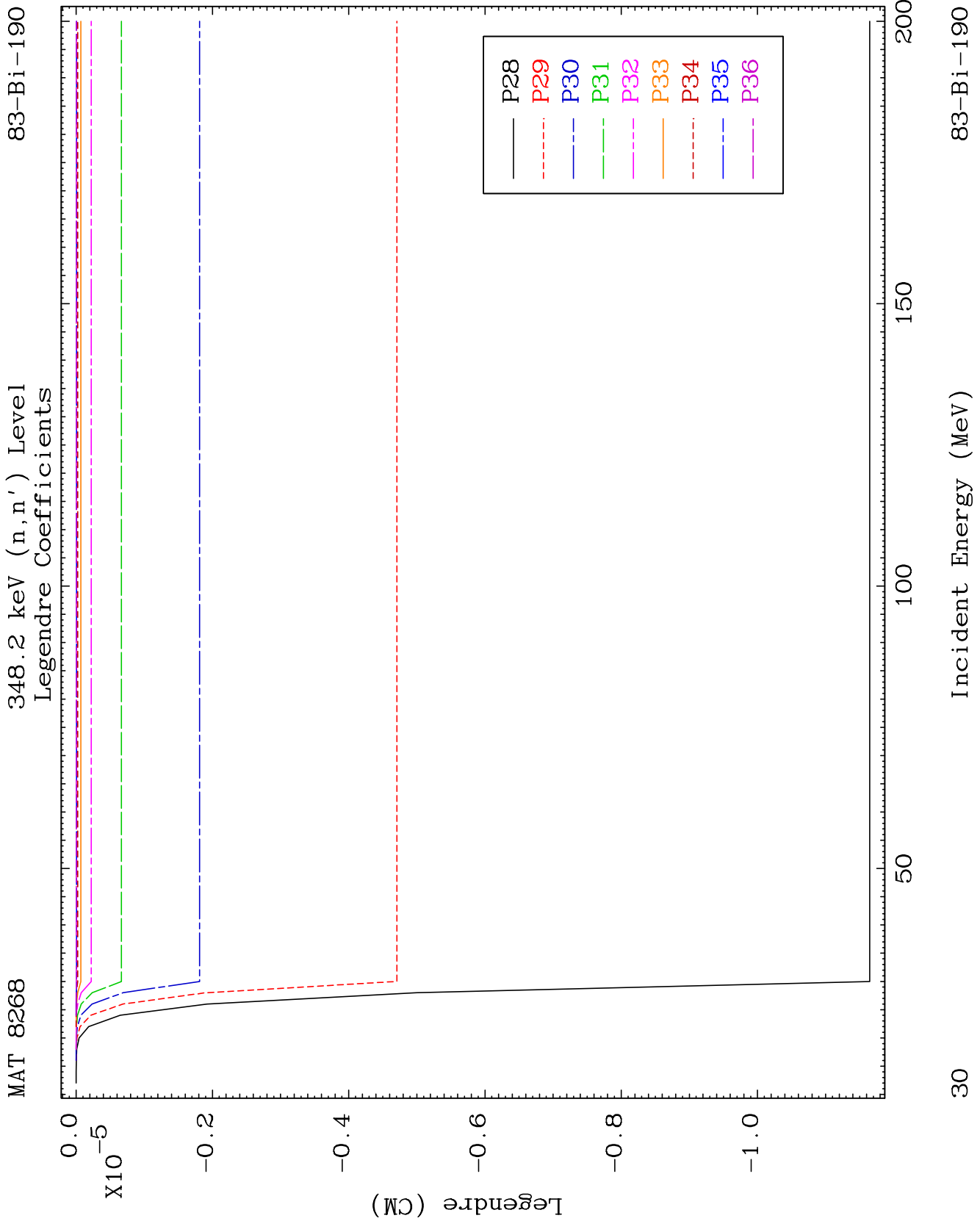


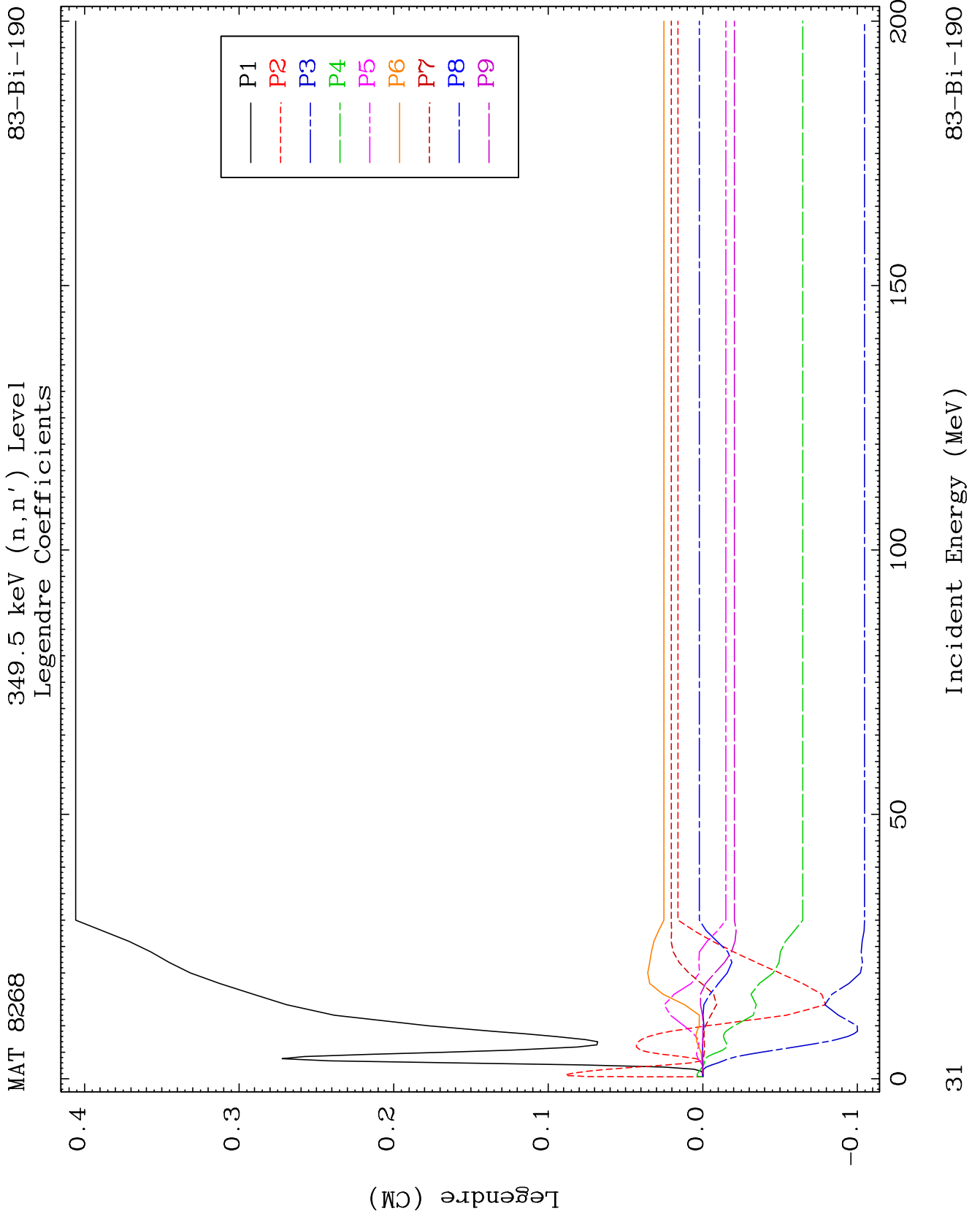
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Incident Energy (MeV)

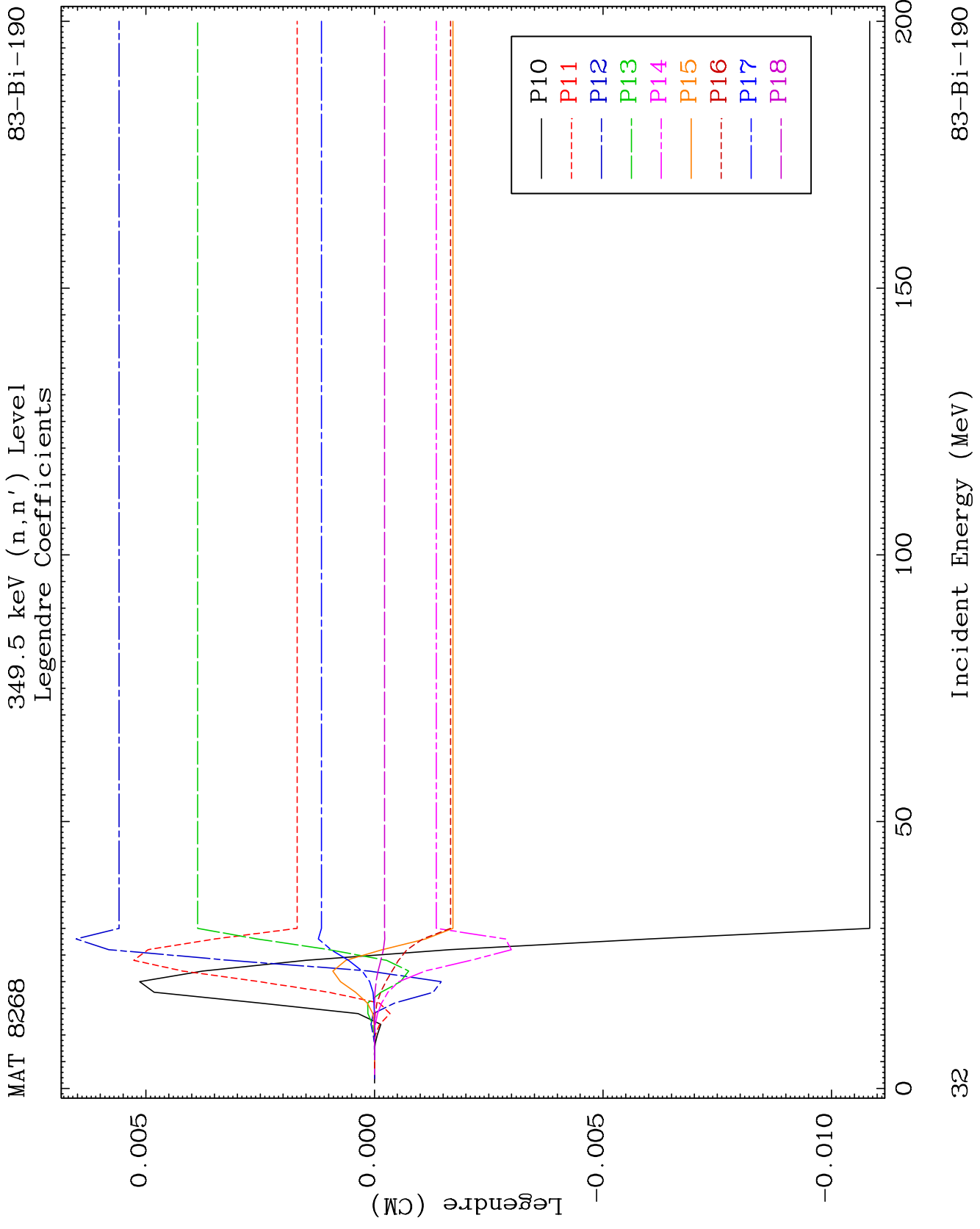
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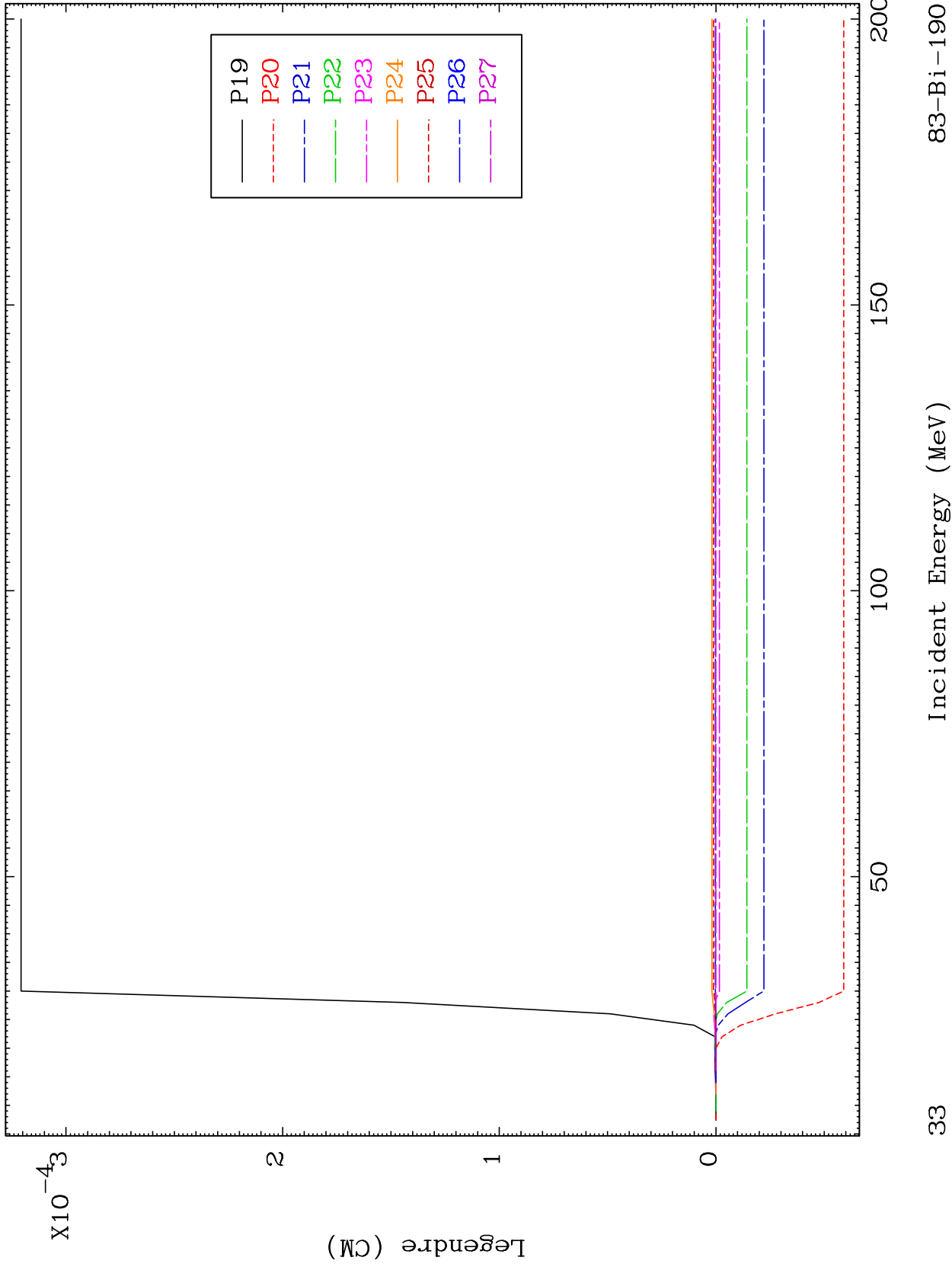




MAT 8268

349.5 keV (n,n') Level  
Legendre Coefficients

83-Bi-190



33

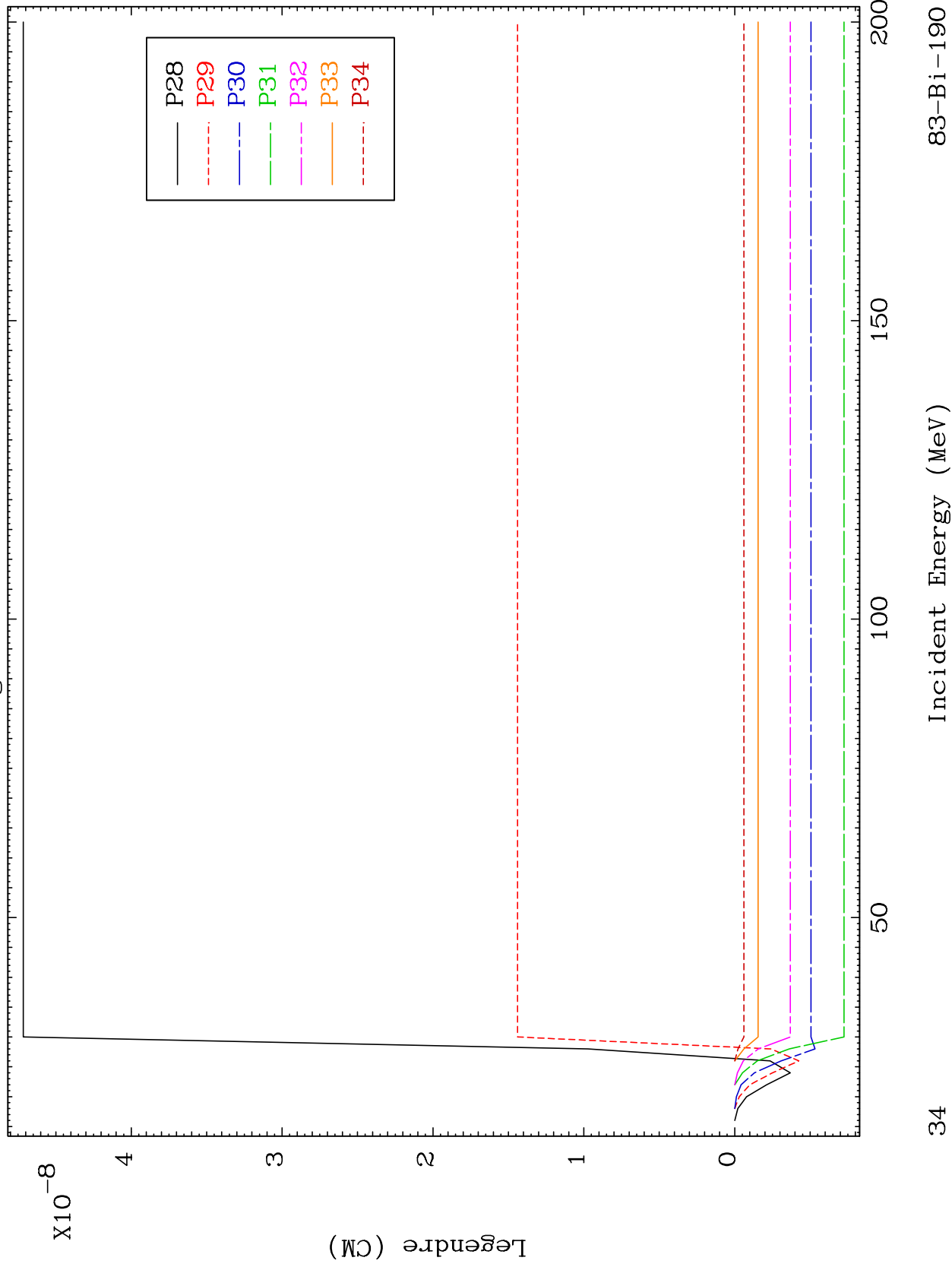
Incident Energy (MeV)

83-Bi-190

MAT 8268

349.5 keV (n,n') Level  
Legendre Coefficients

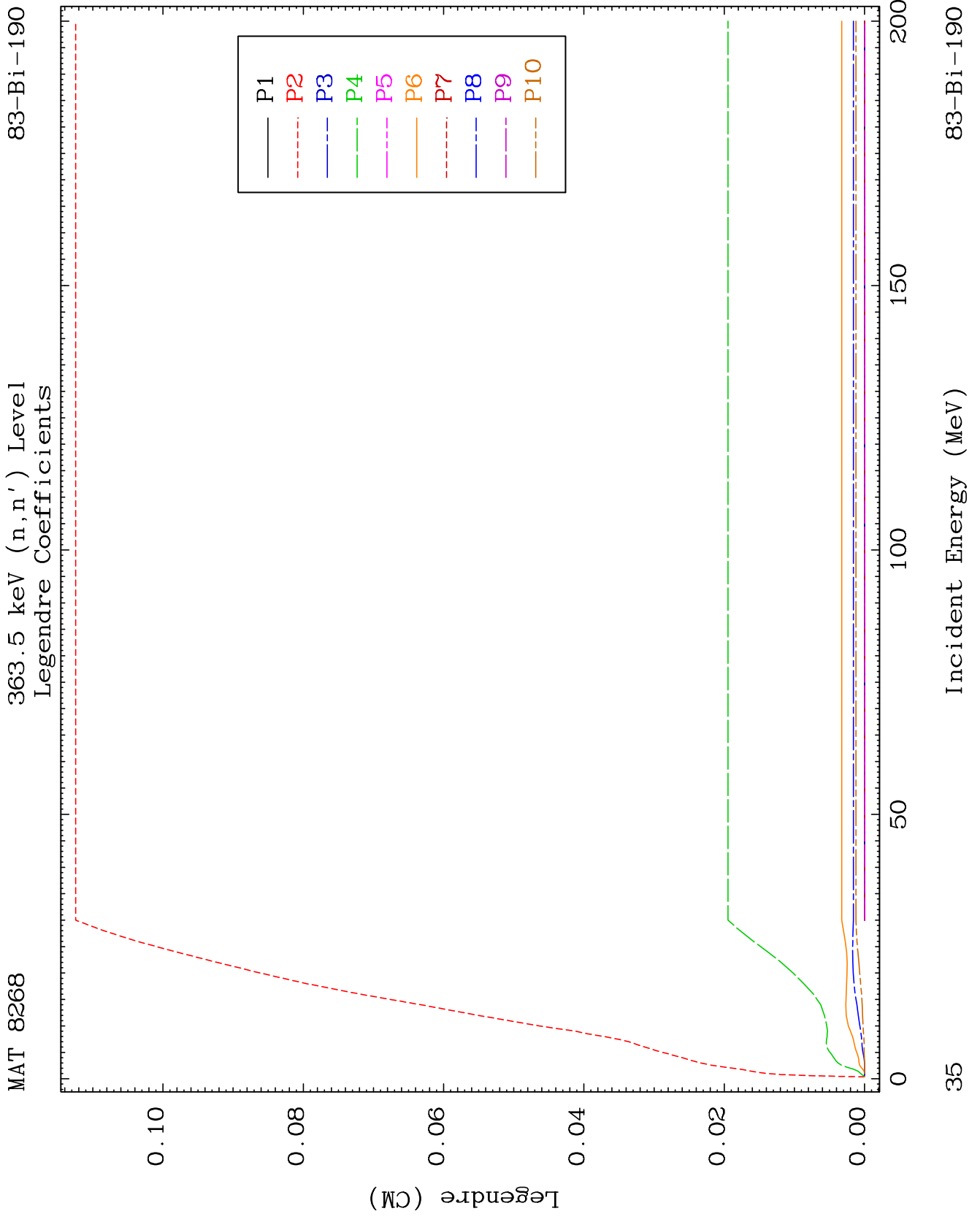
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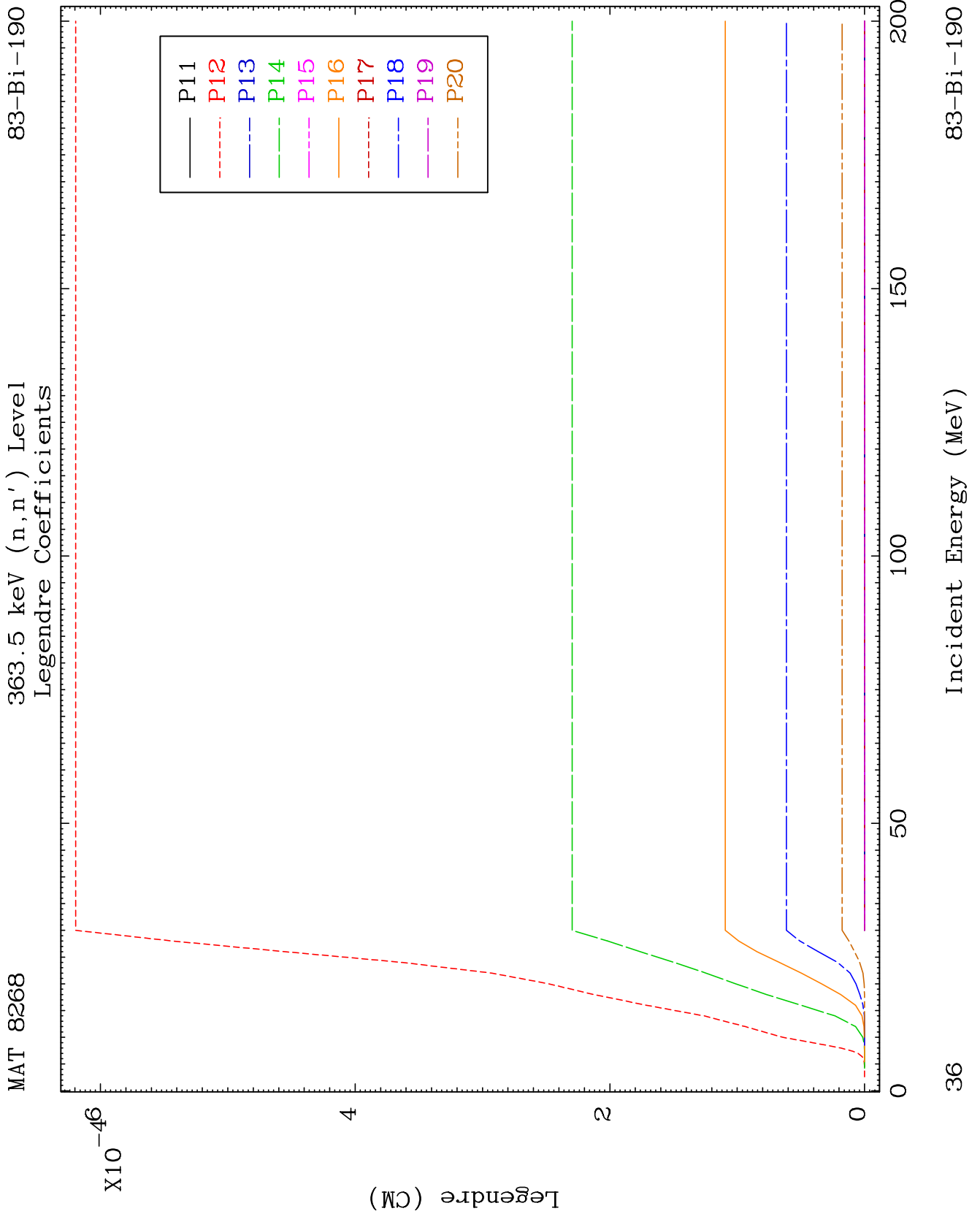


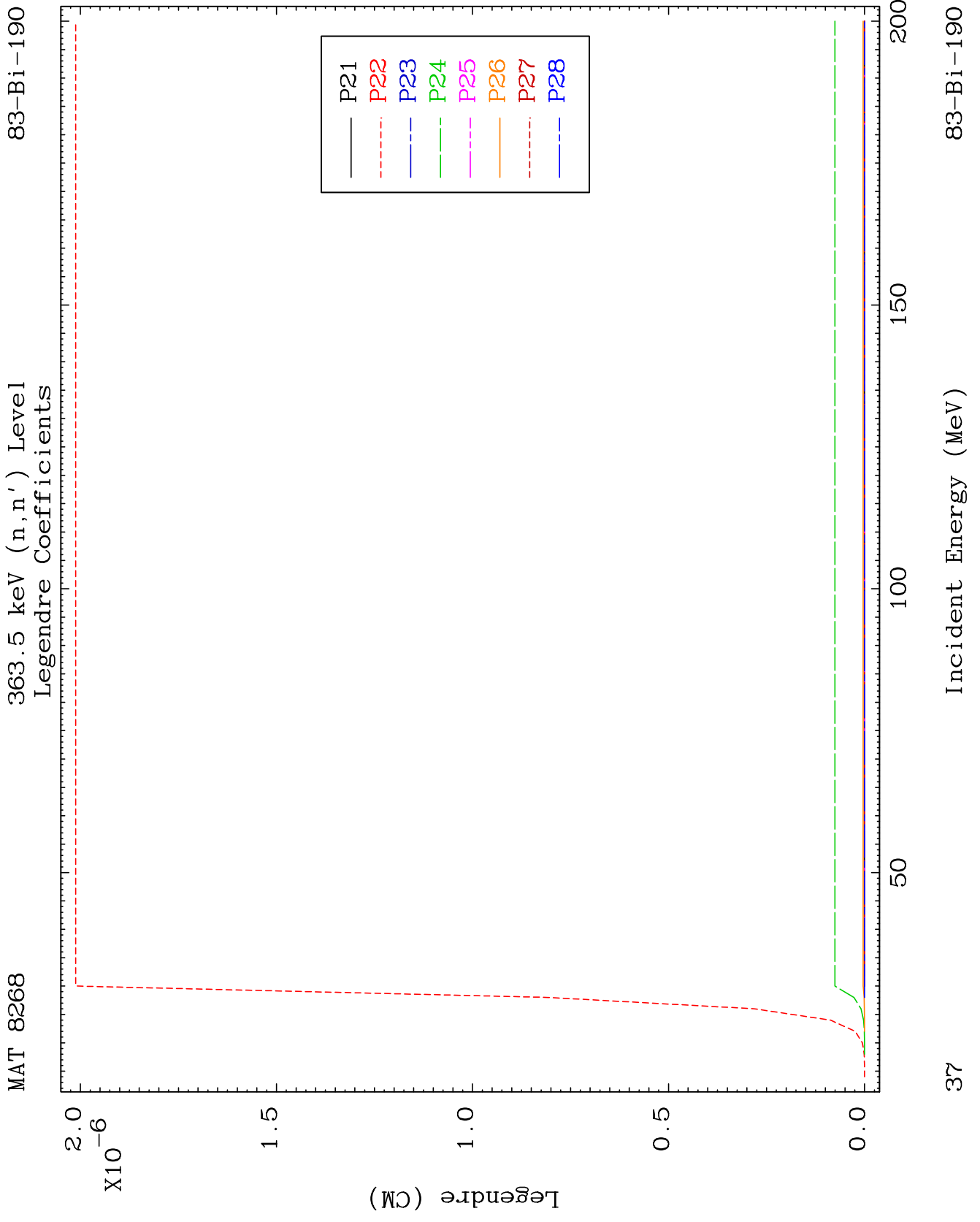
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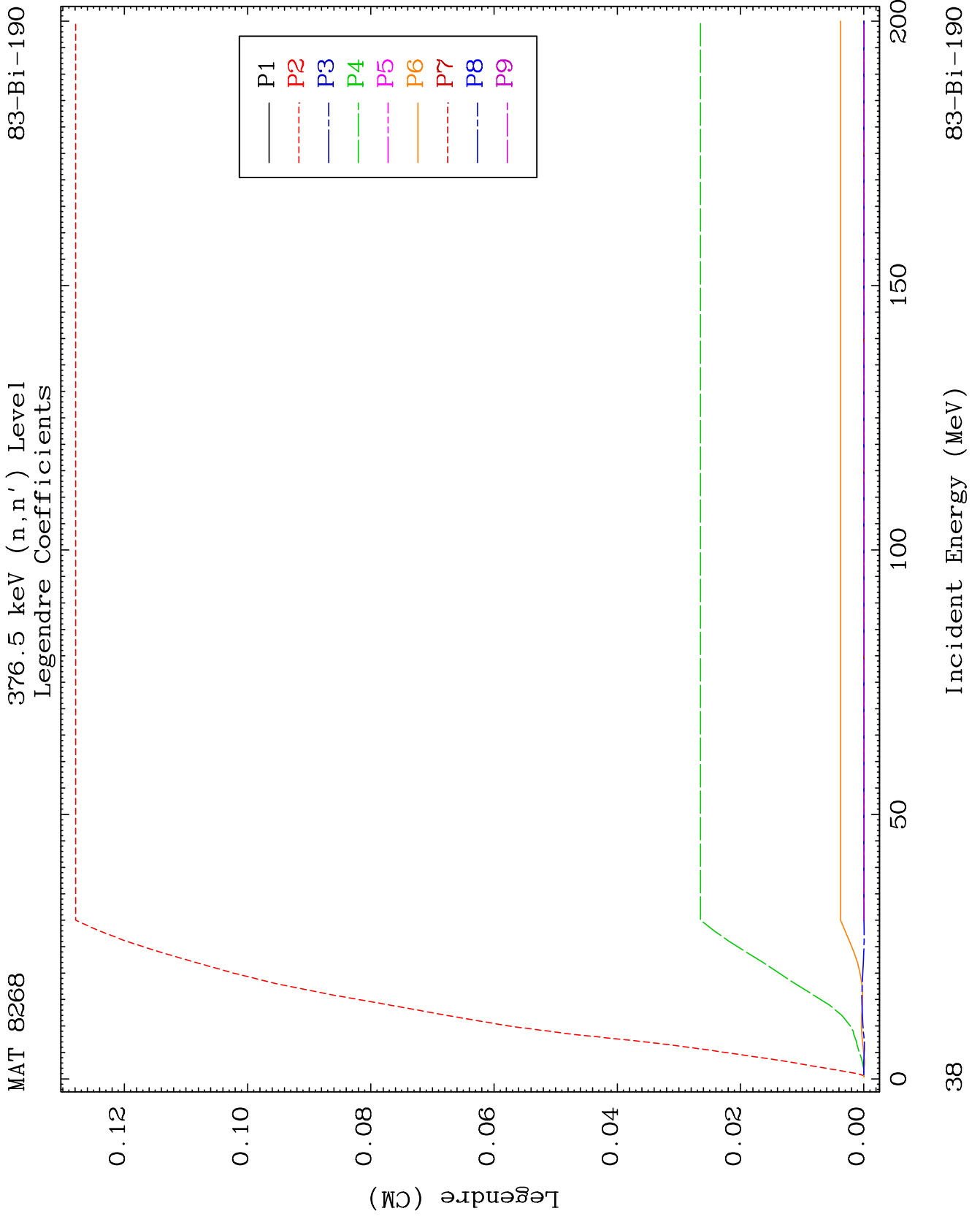
Incident Energy (MeV)

83-Bi-190





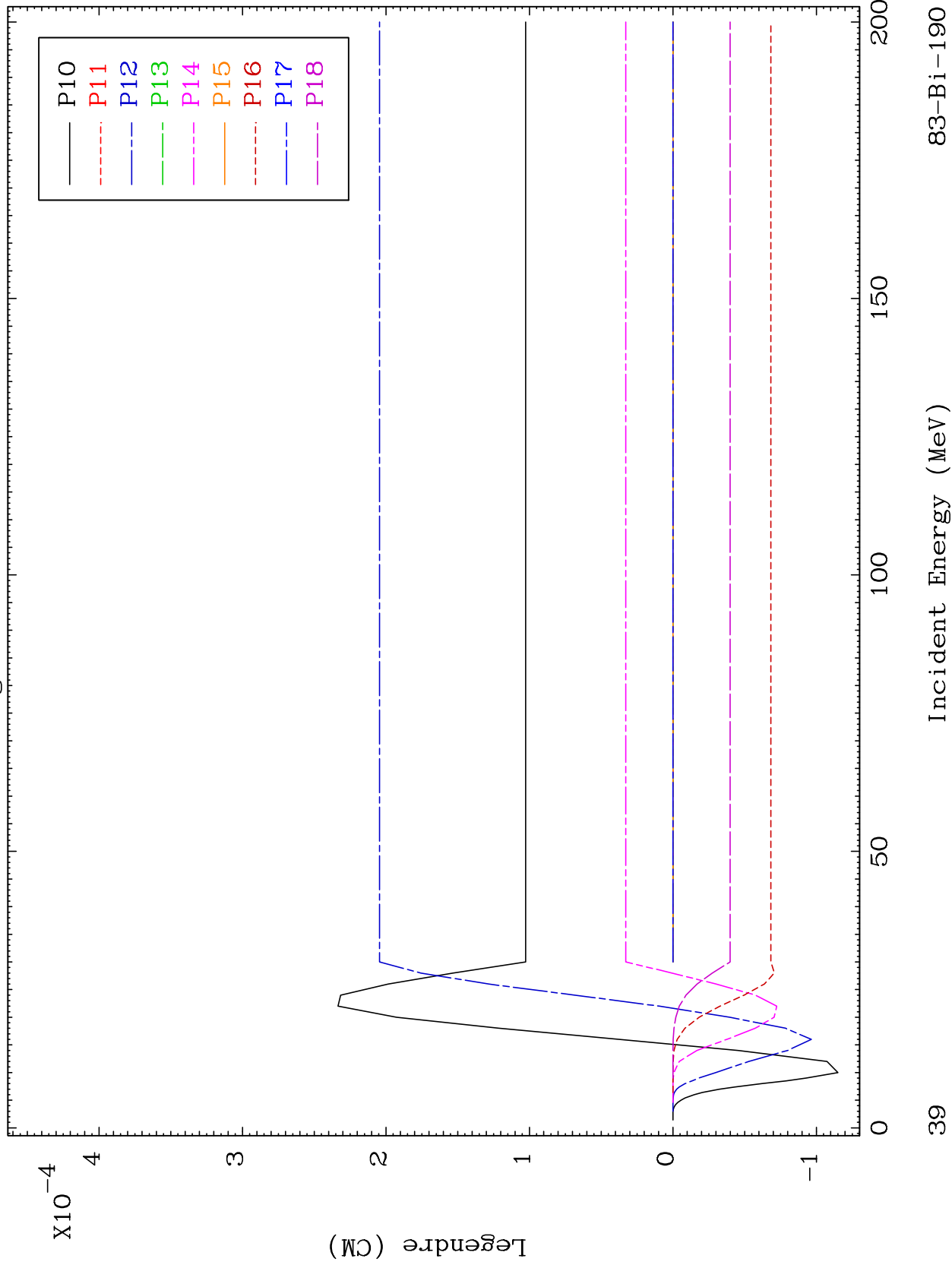




MAT 8268

376.5 keV (n,n') Level  
Legendre Coefficients

83-Bi-190

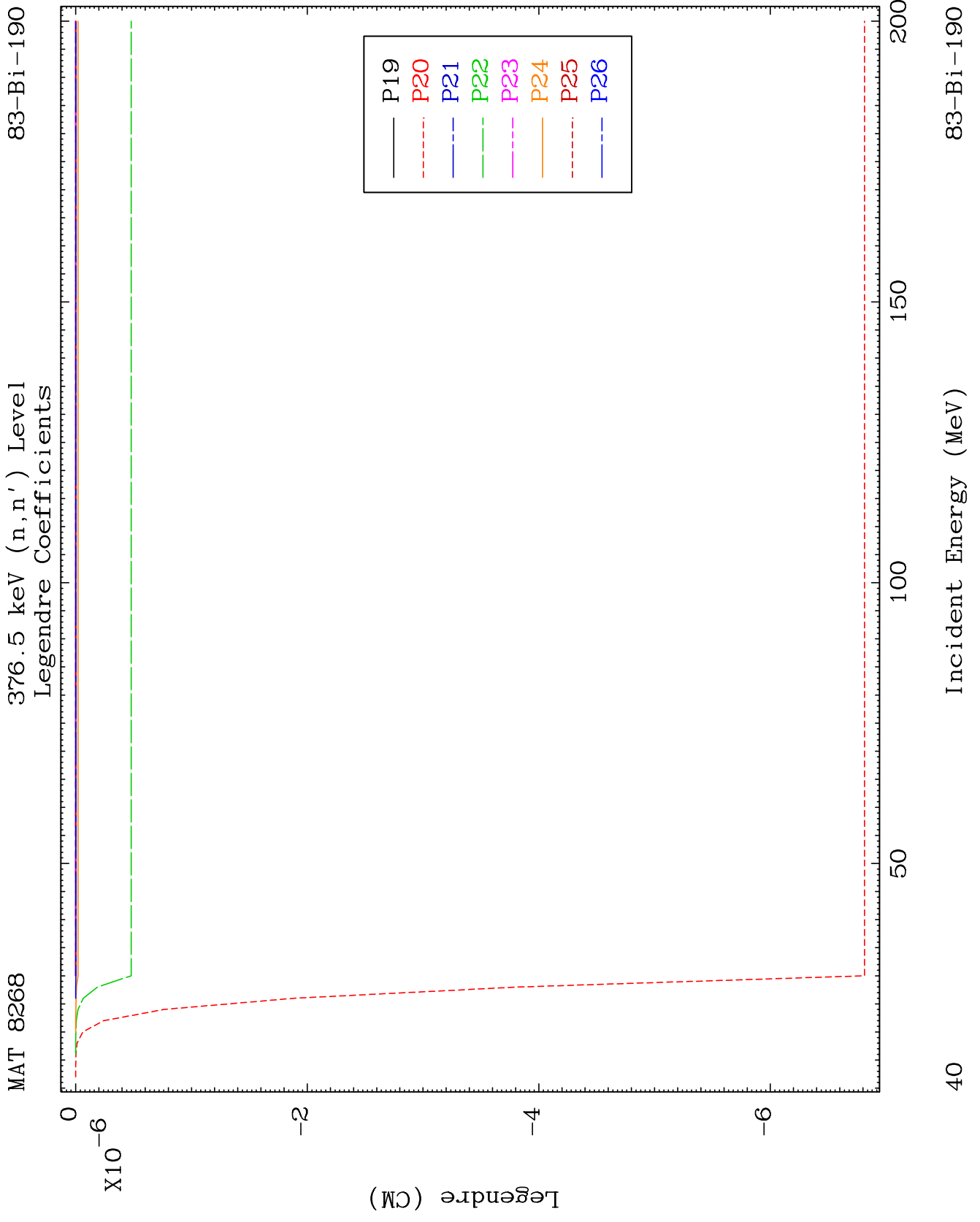


39

Incident Energy (MeV)

83-Bi-190



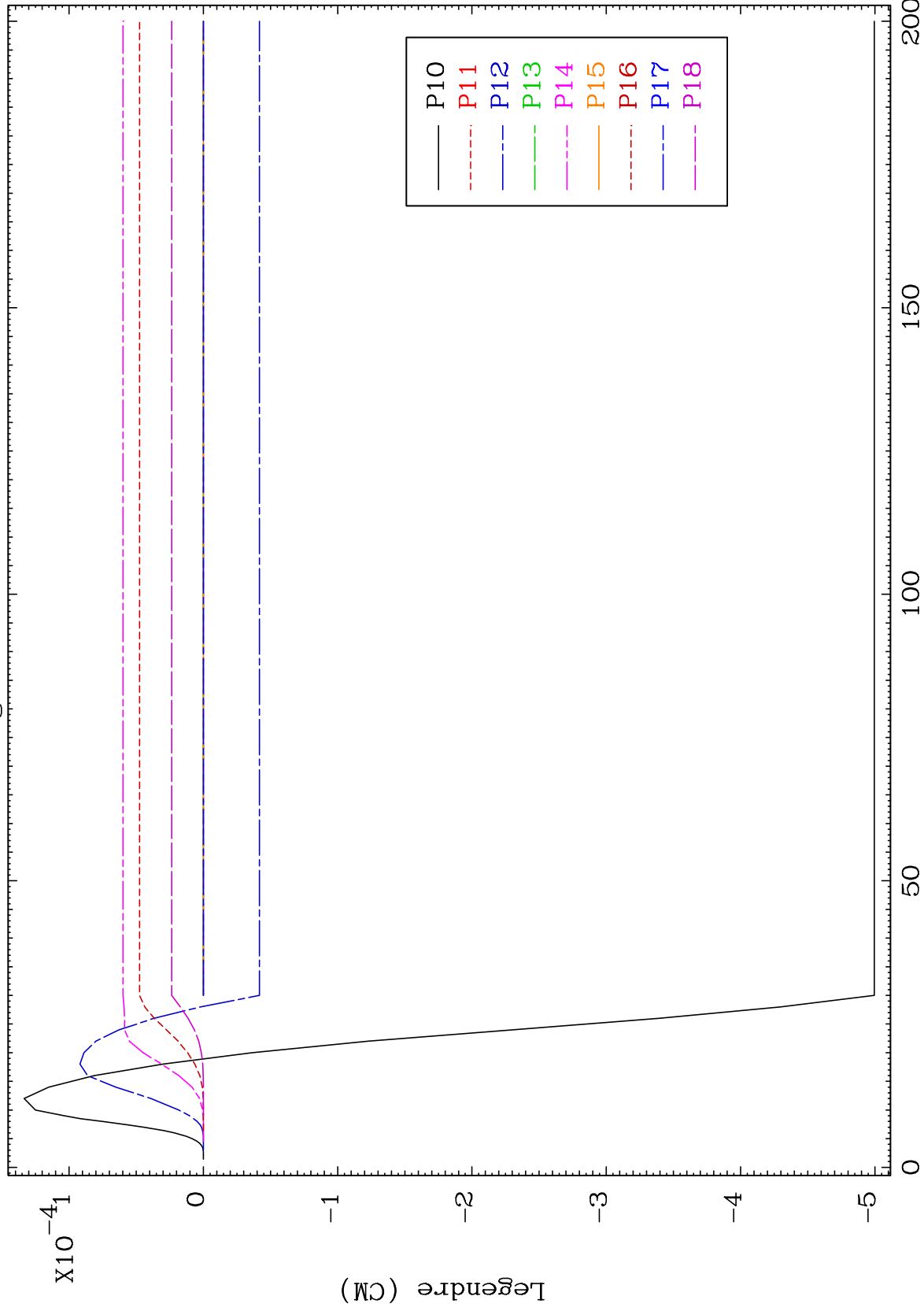




MAT 8268

379.2 keV (n,n') Level  
Legendre Coefficients

83-Bi-190



42

Incident Energy (MeV)

83-Bi-190

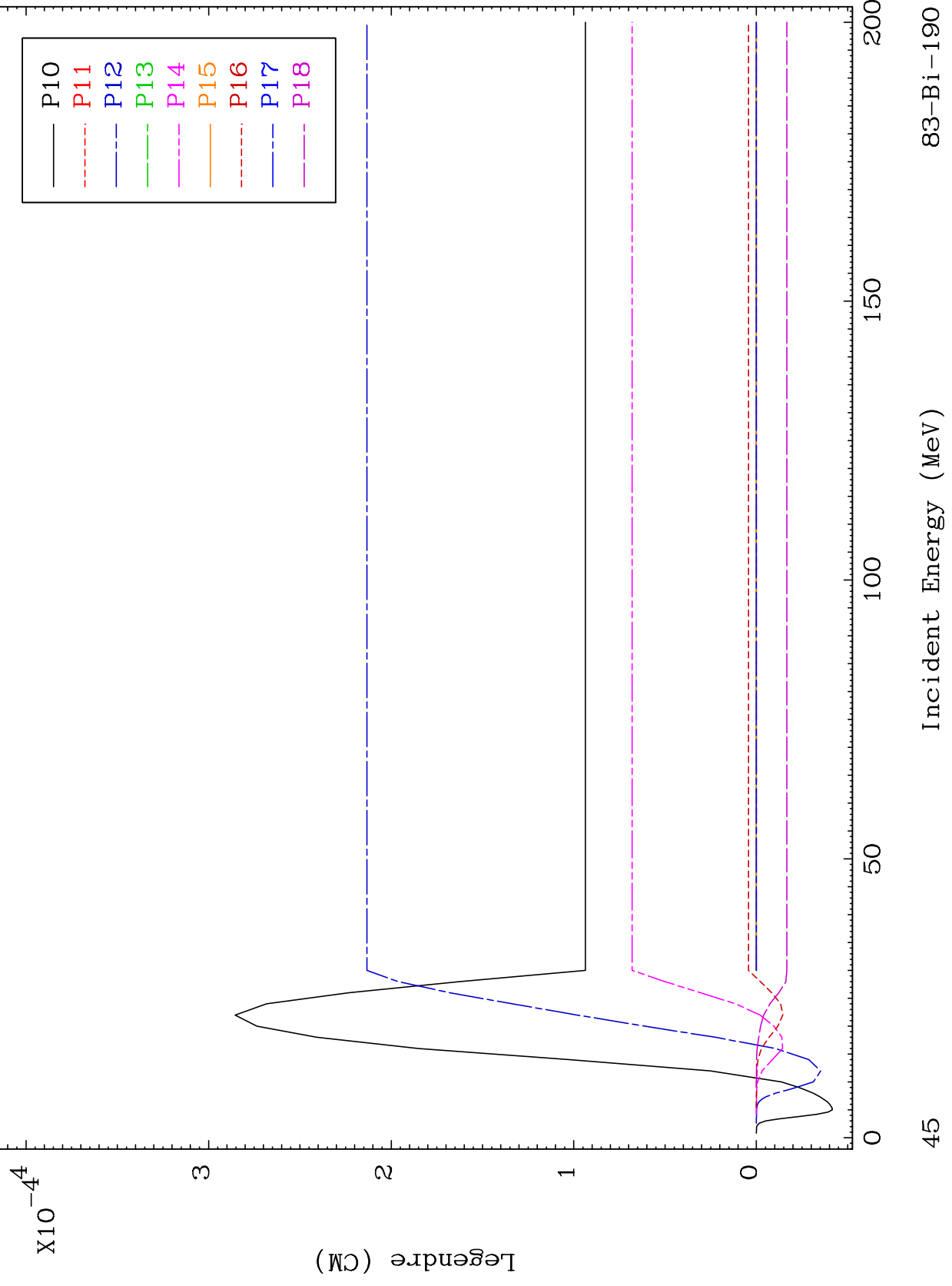


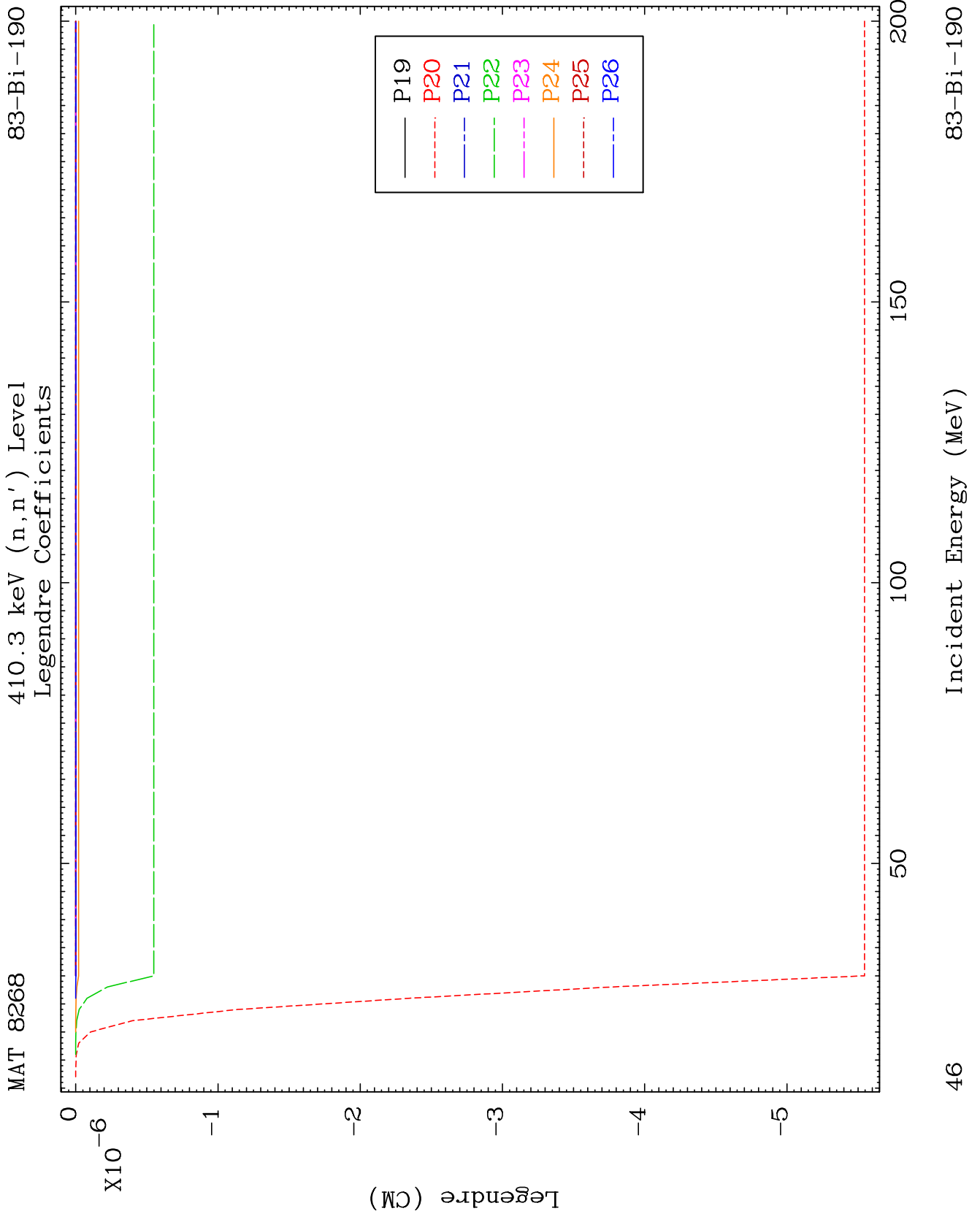


MAT 8268

410.3 keV (n,n') Level  
Legendre Coefficients

83-Bi-190

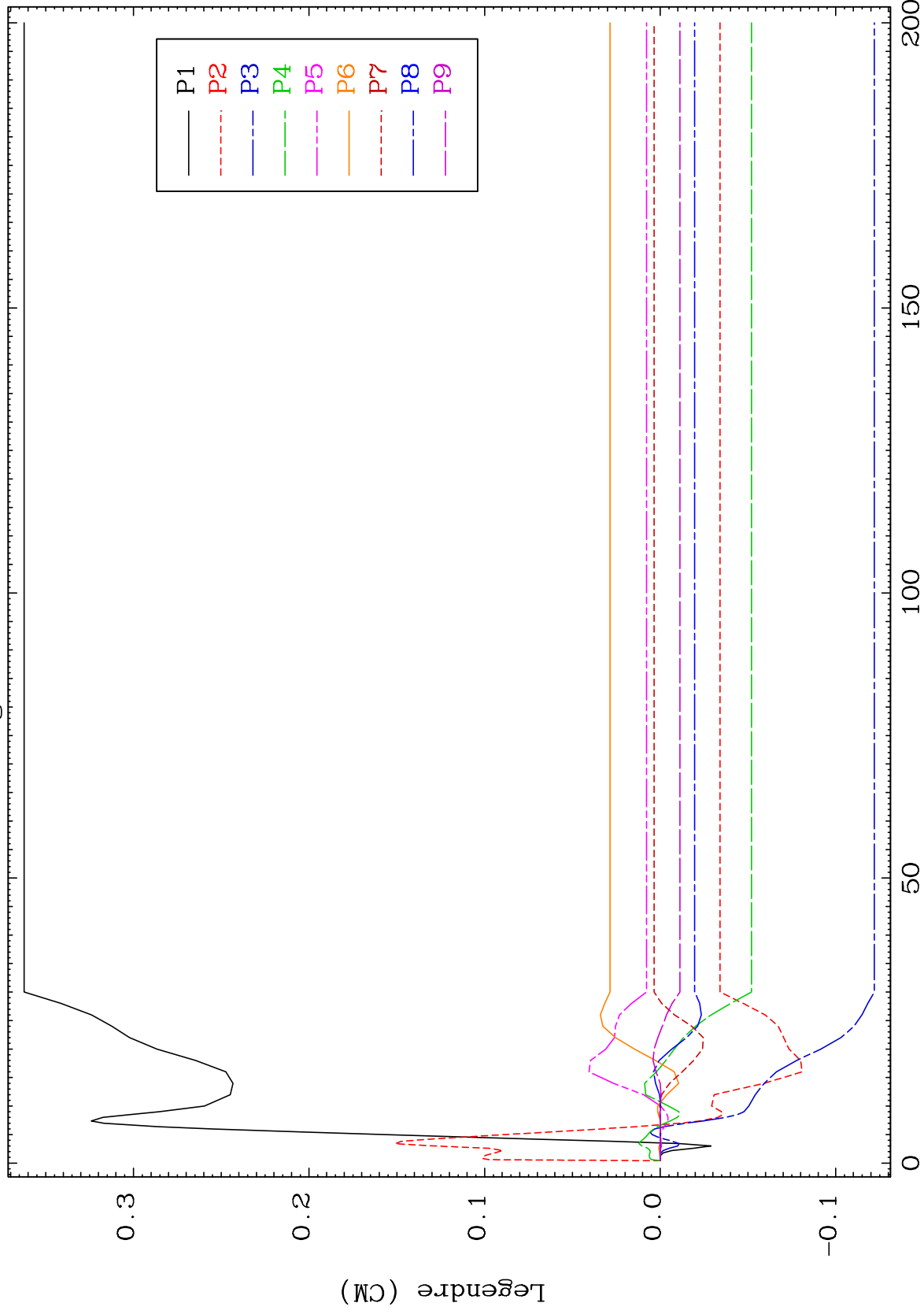




MAT 8268

412.3 keV (n,n') Level  
Legendre Coefficients

83-Bi-190

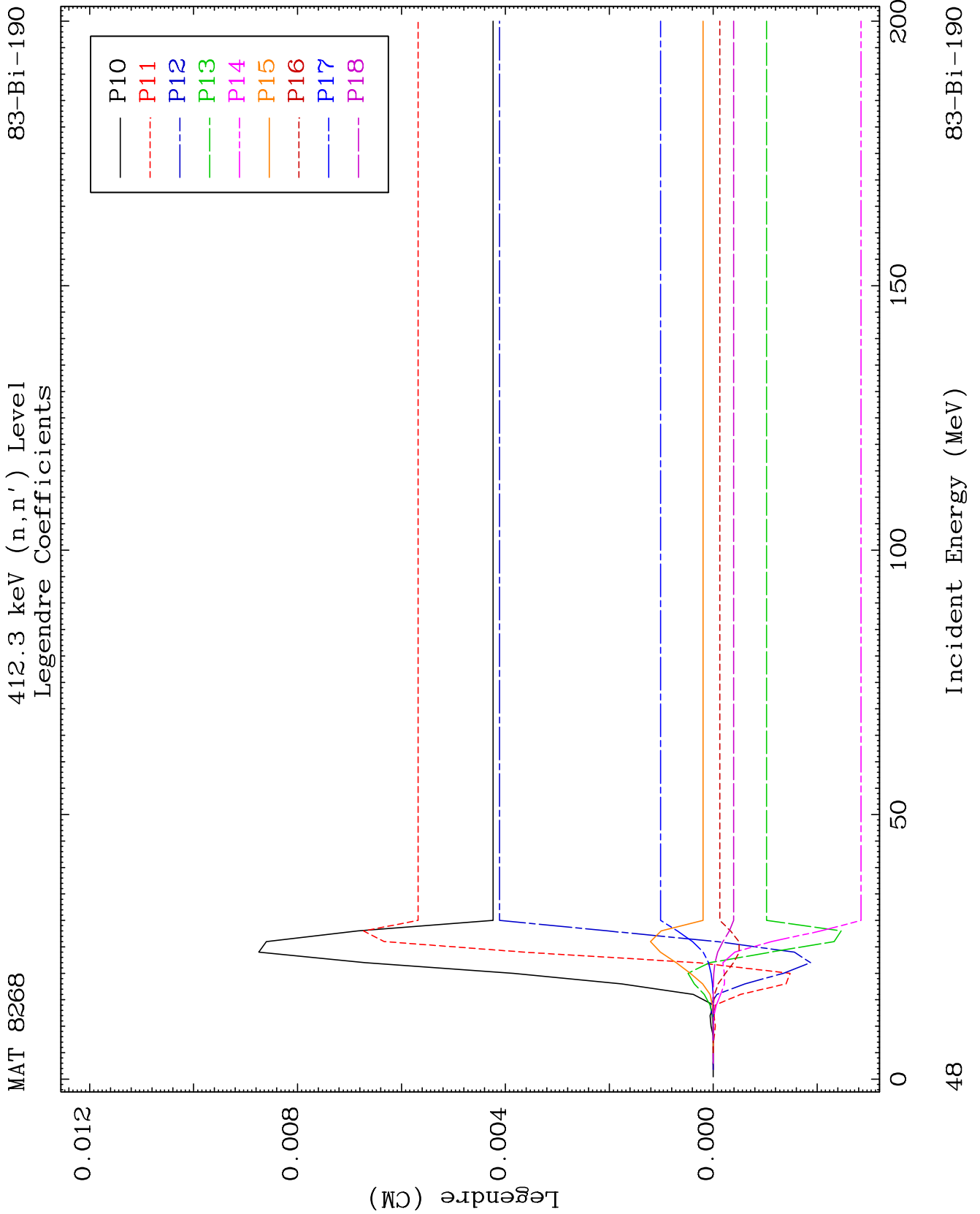


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Incident Energy (MeV)

83-Bi-190

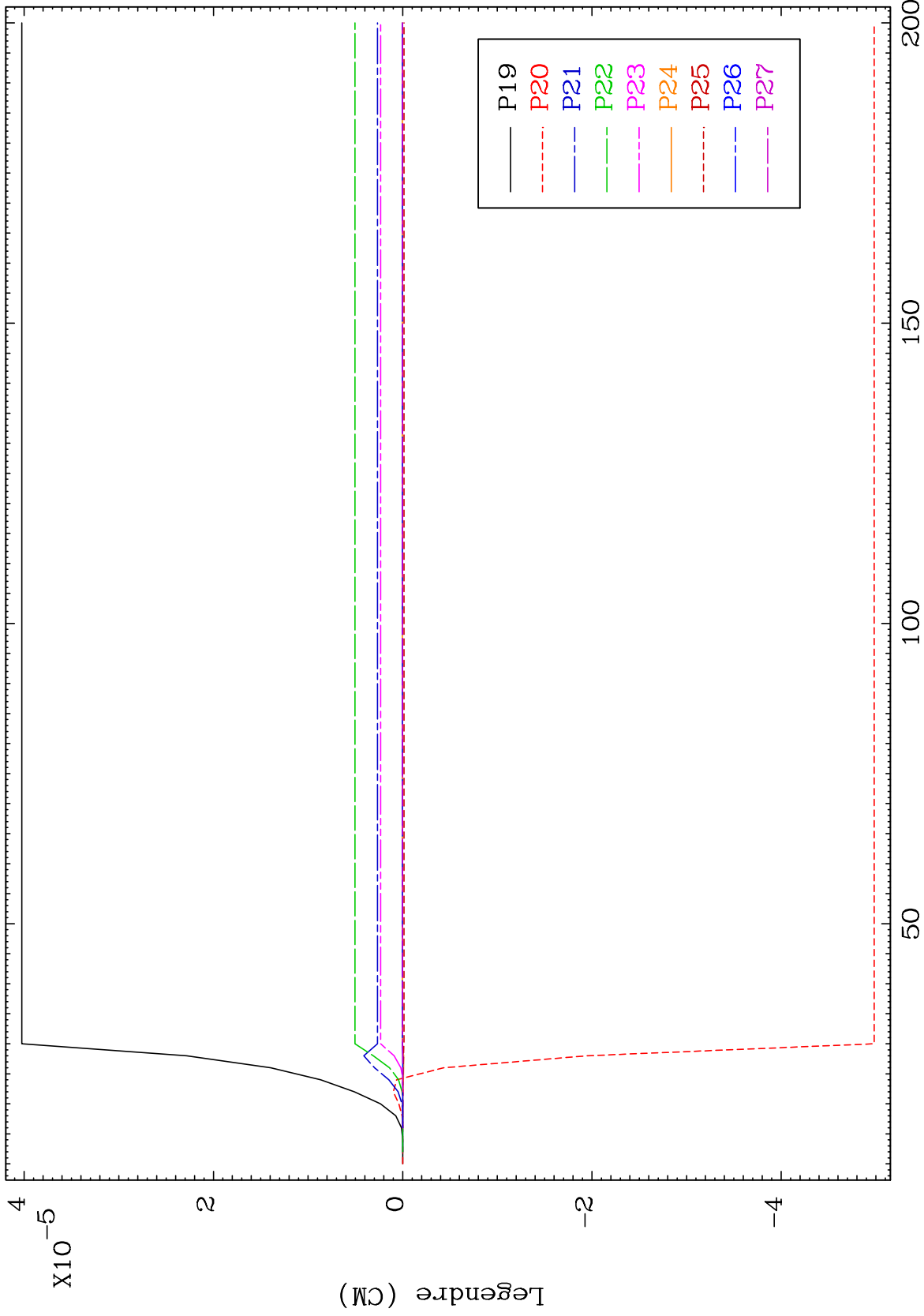




MAT 8268

412.3 keV (n,n') Level  
Legendre Coefficients

83-Bi-190



49

Incident Energy (MeV)

83-Bi-190

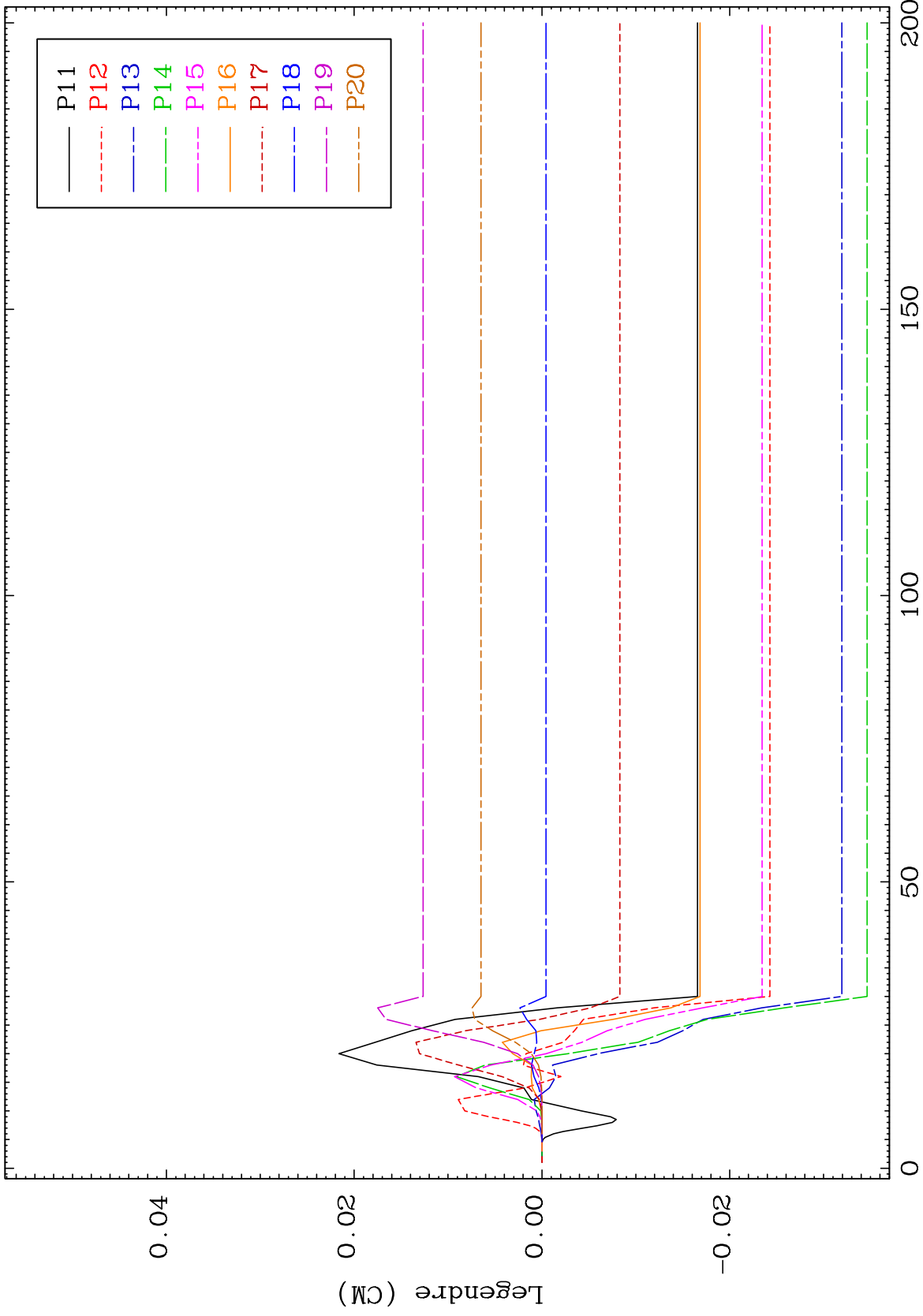




MAT 8268

414.8 keV (n, n') Level  
Legendre Coefficients

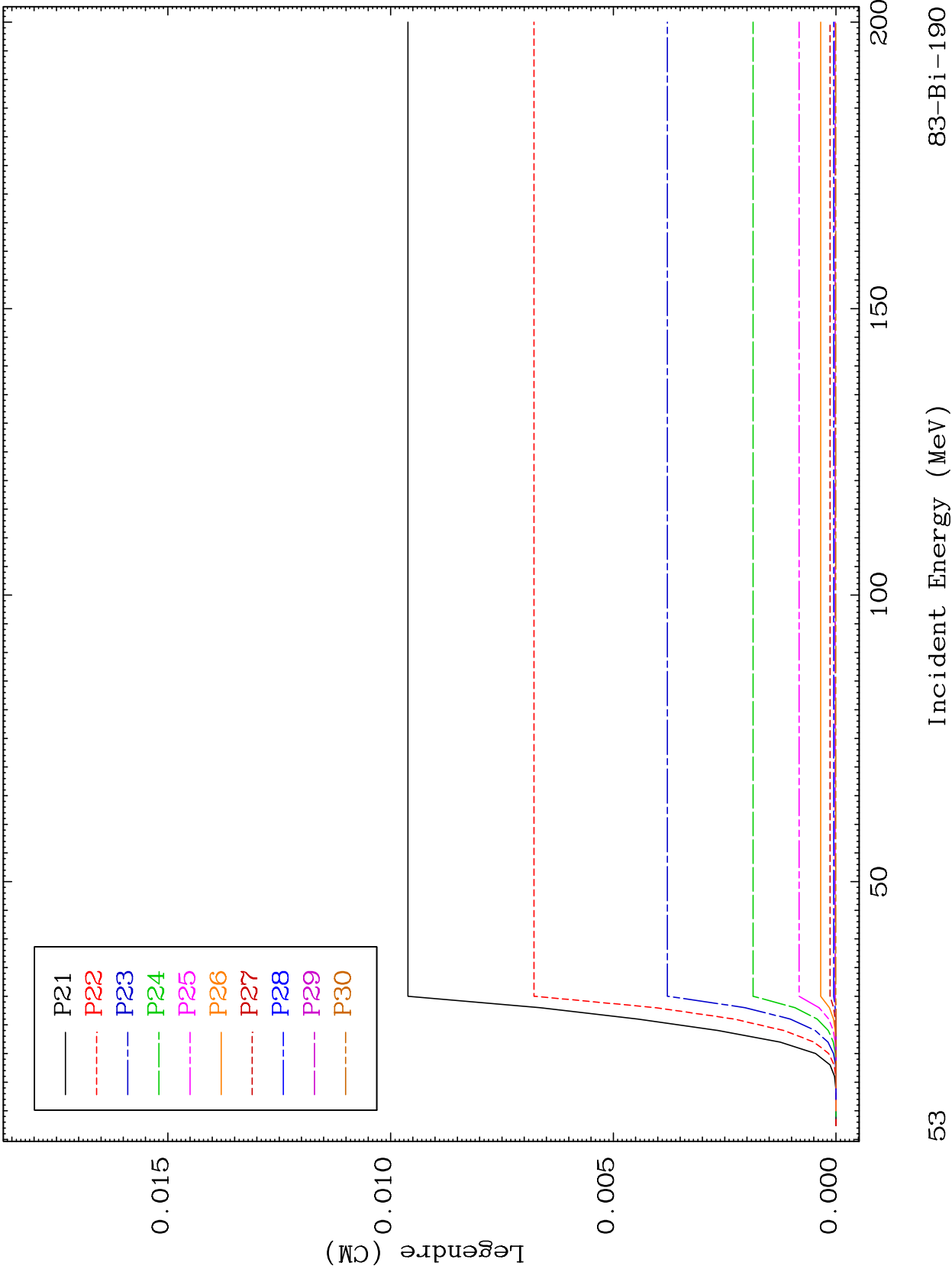
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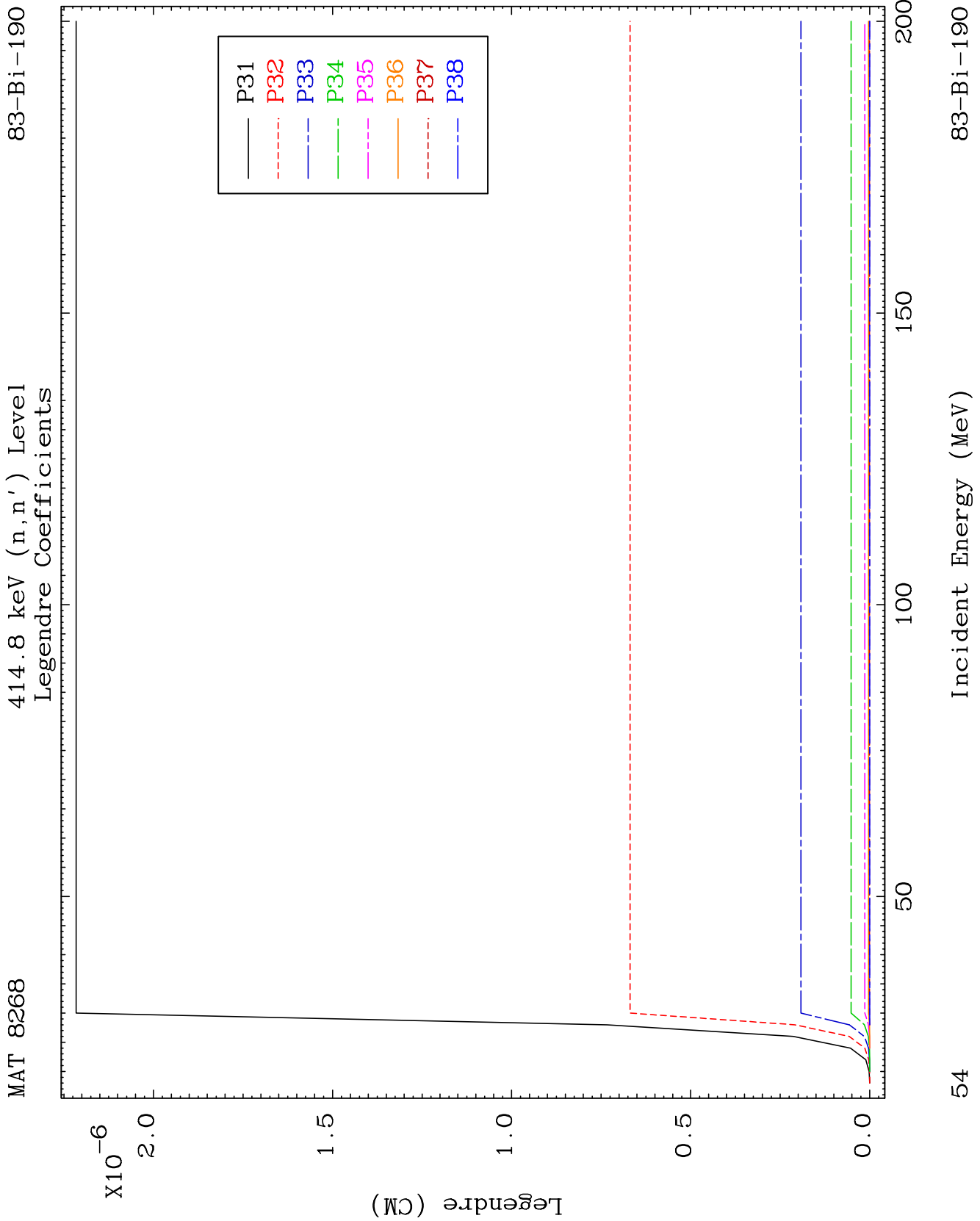


52

Incident Energy (MeV)

83-Bi-190

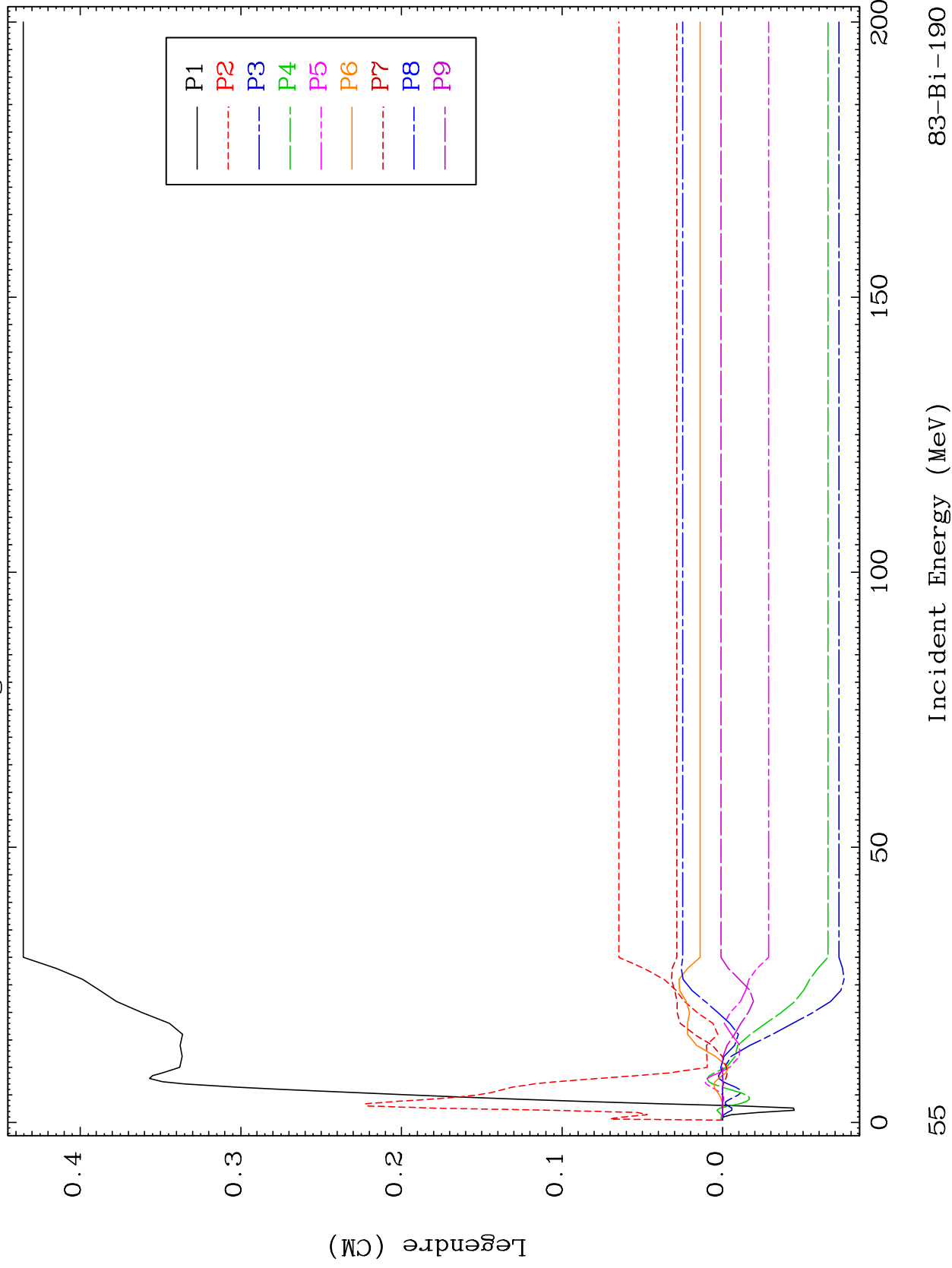




MAT 8268

422.6 keV (n,n') Level  
Legendre Coefficients

83-Bi-190



83-Bi-190

Incident Energy (MeV)

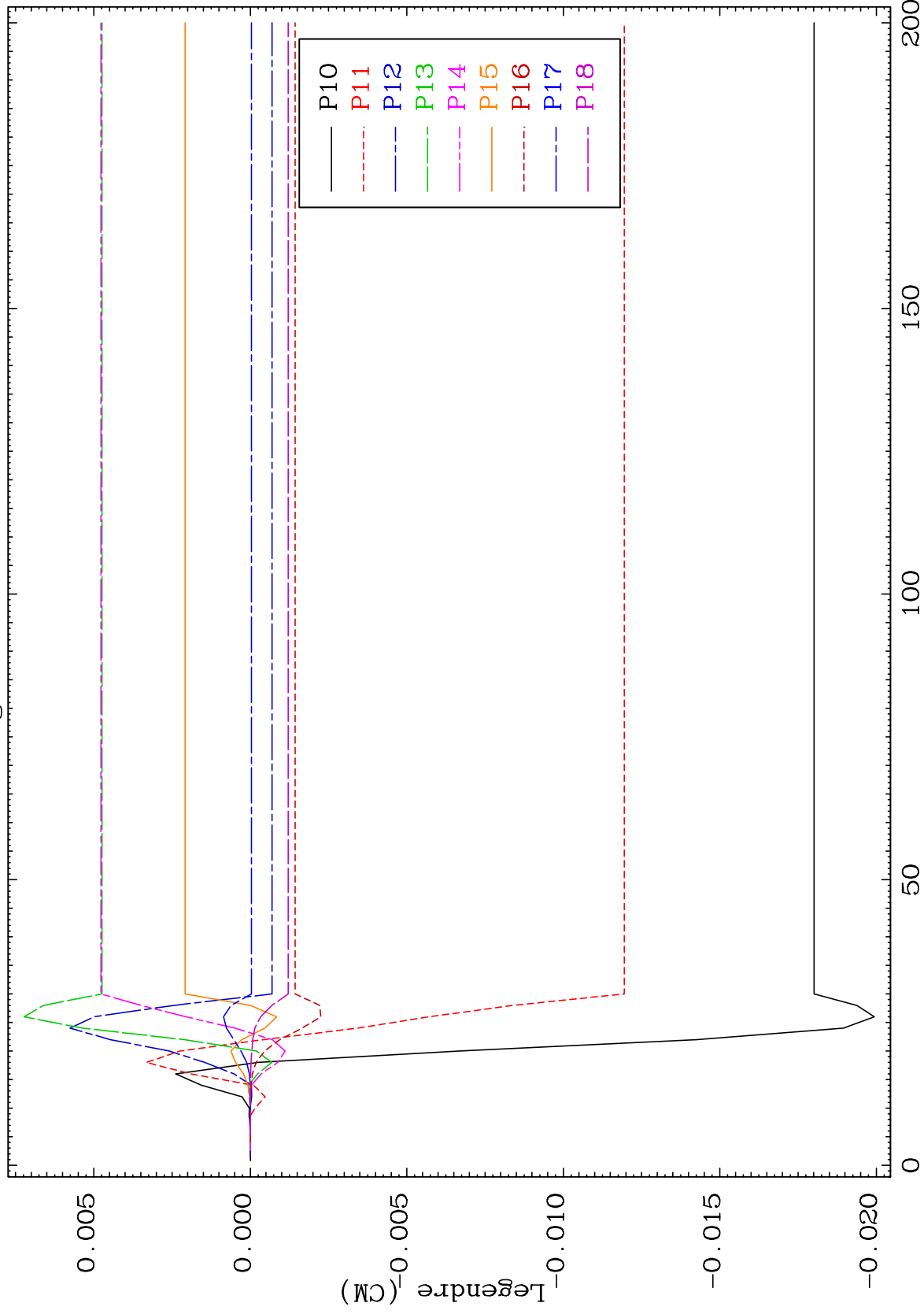
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MAT 8268

422.6 keV (n,n') Level  
Legendre Coefficients

83-Bi-190



56

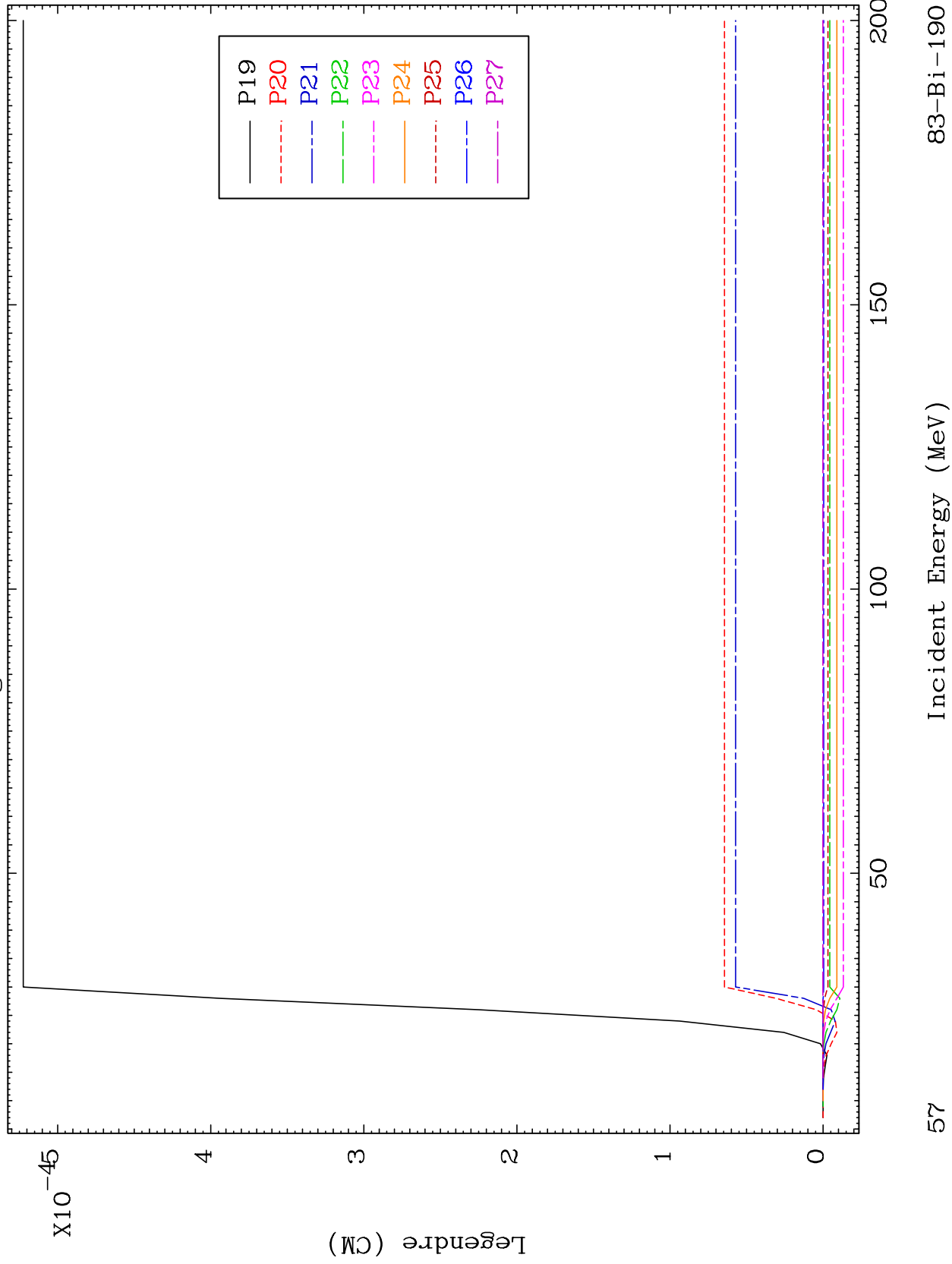
Incident Energy (MeV)

83-Bi-190

MAT 8268

422.6 keV (n,n') Level  
Legendre Coefficients

83-Bi-190



57

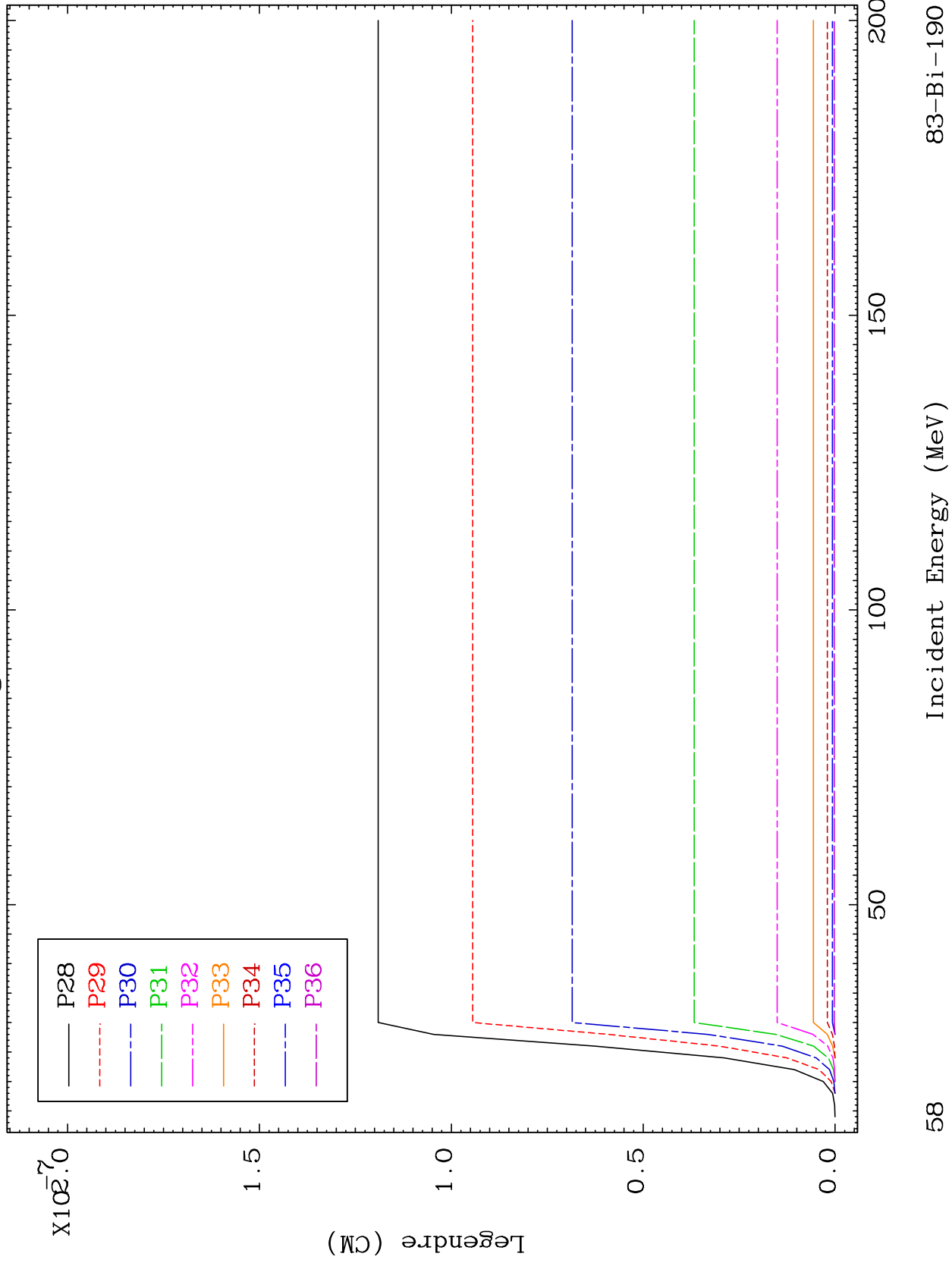
Incident Energy (MeV)

83-Bi-190

MAT 8268

422.6 keV (n,n') Level  
Legendre Coefficients

83-Bi-190



58

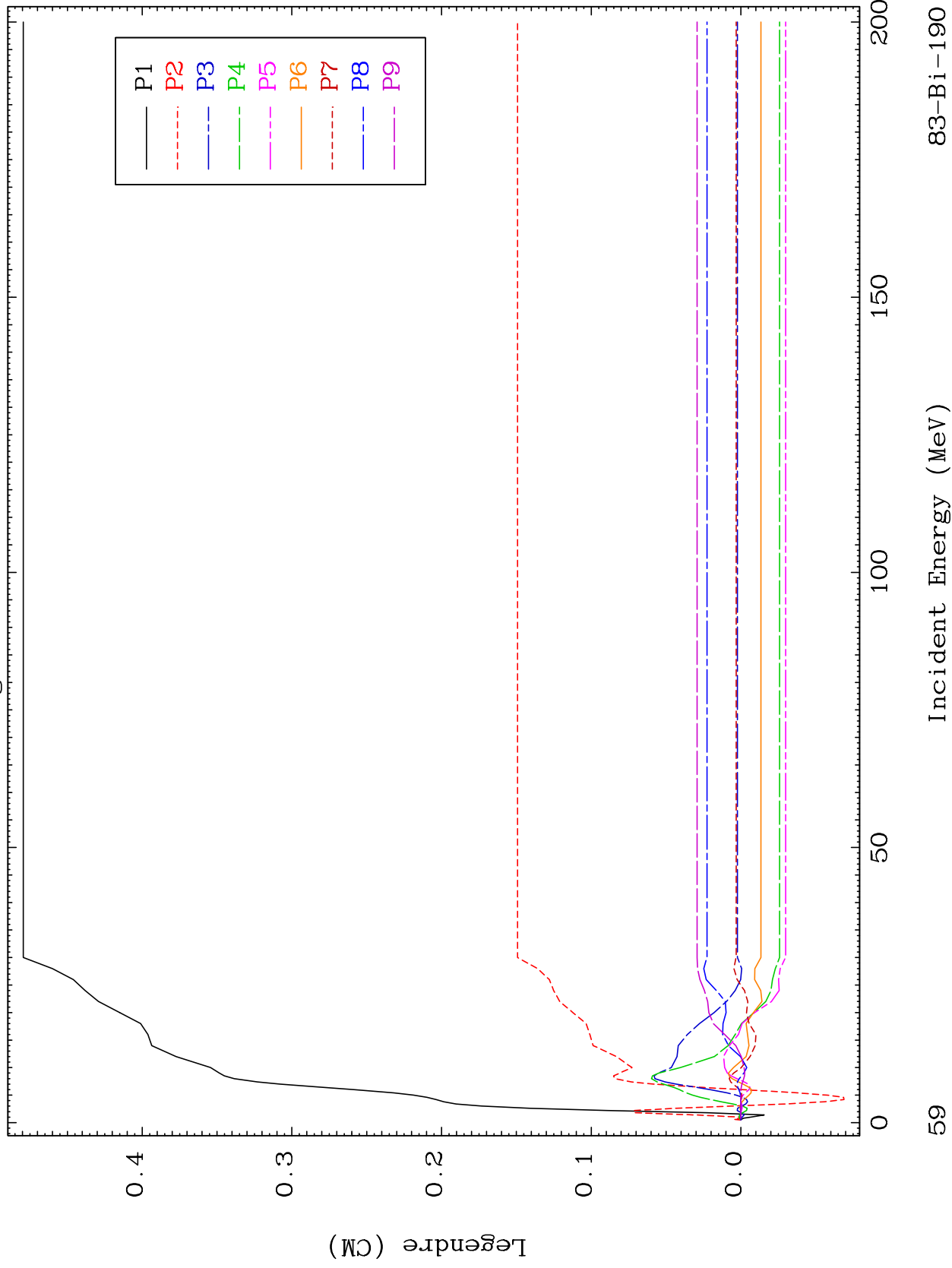
Incident Energy (MeV)

83-Bi-190

MAT 8268

458.6 keV (n,n') Level  
Legendre Coefficients

83-Bi-190

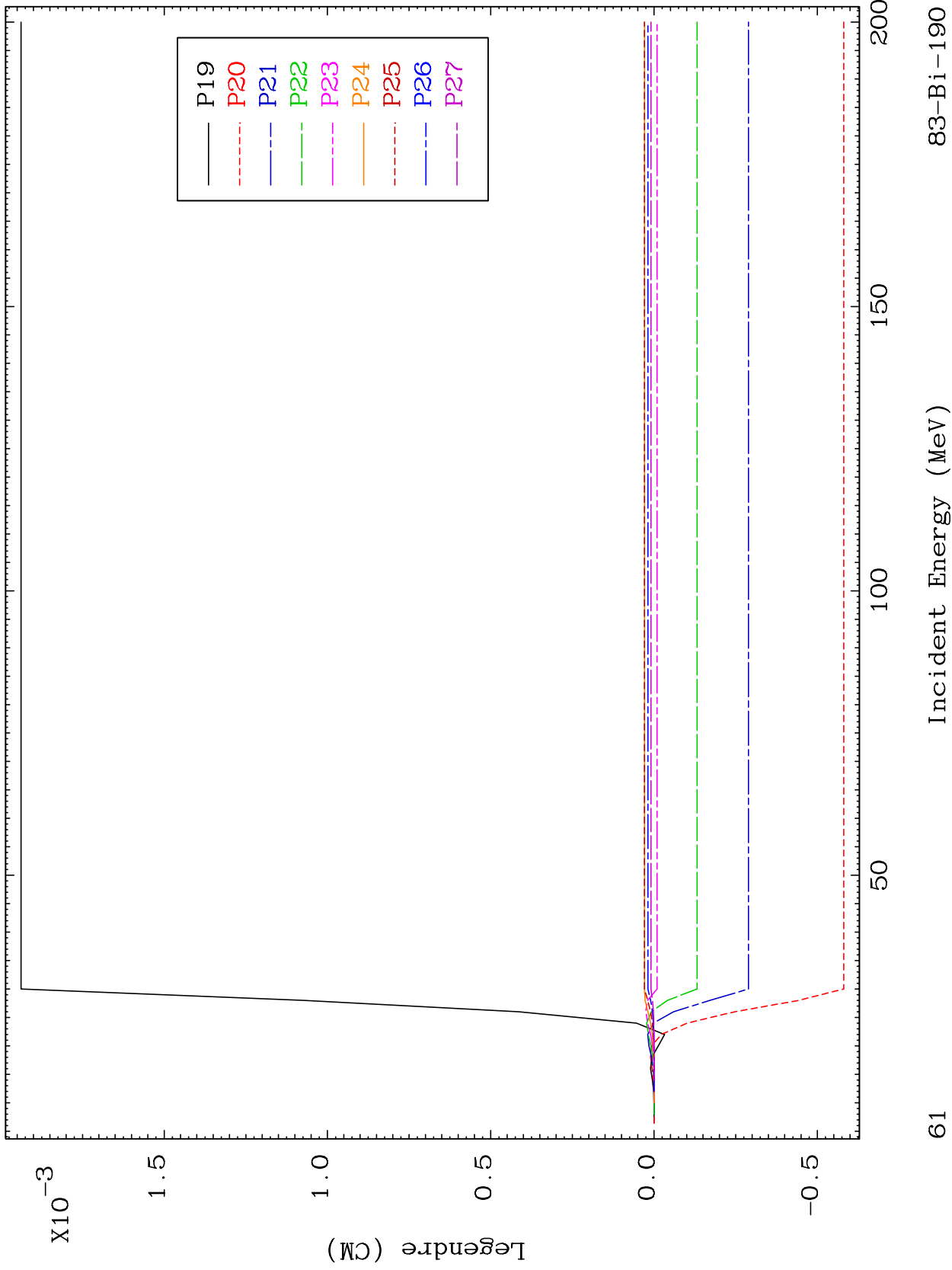


83-Bi-190

Incident Energy (MeV)

59

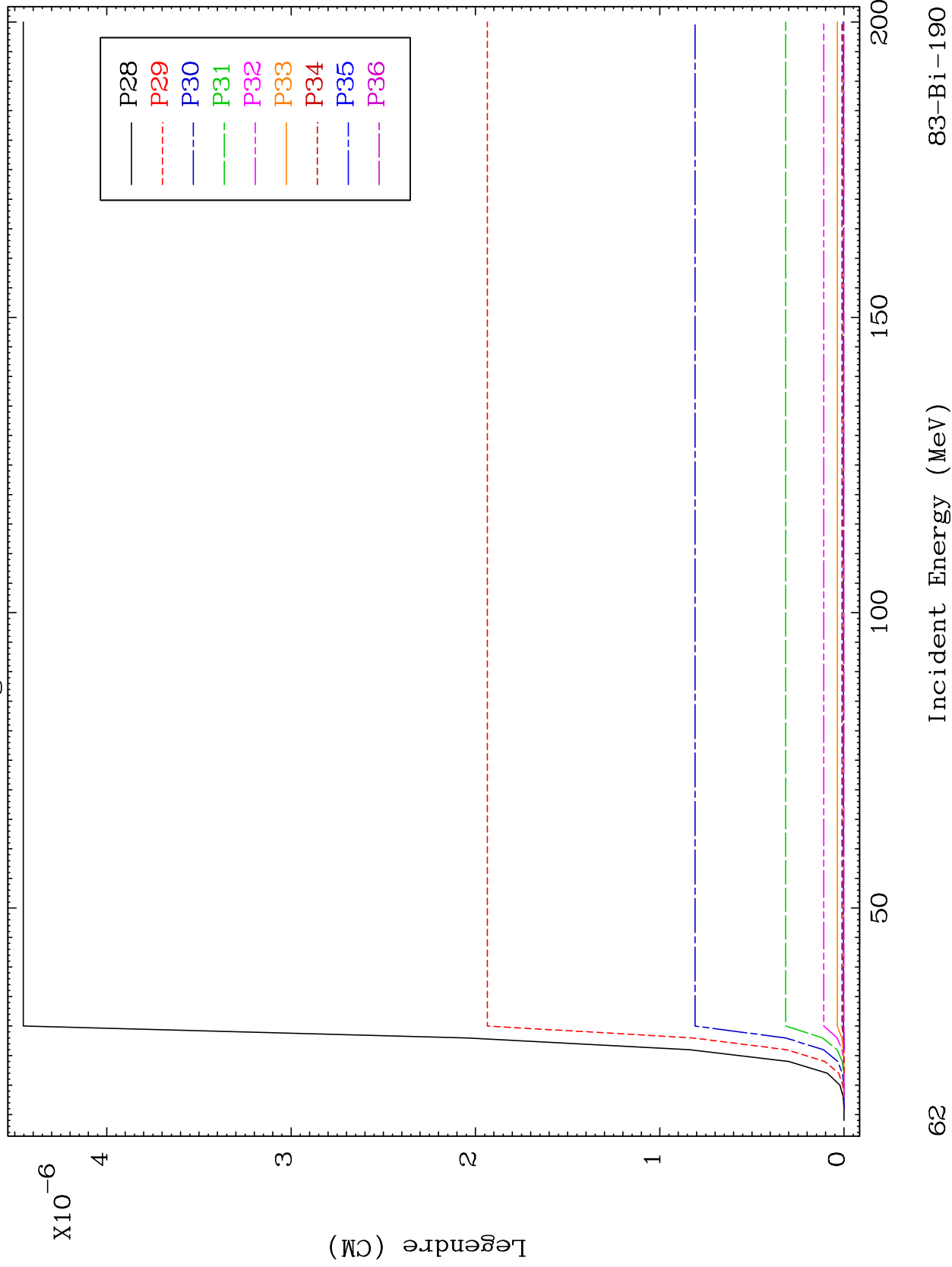




MAT 8268

458.6 keV (n,n') Level  
Legendre Coefficients

83-Bi-190



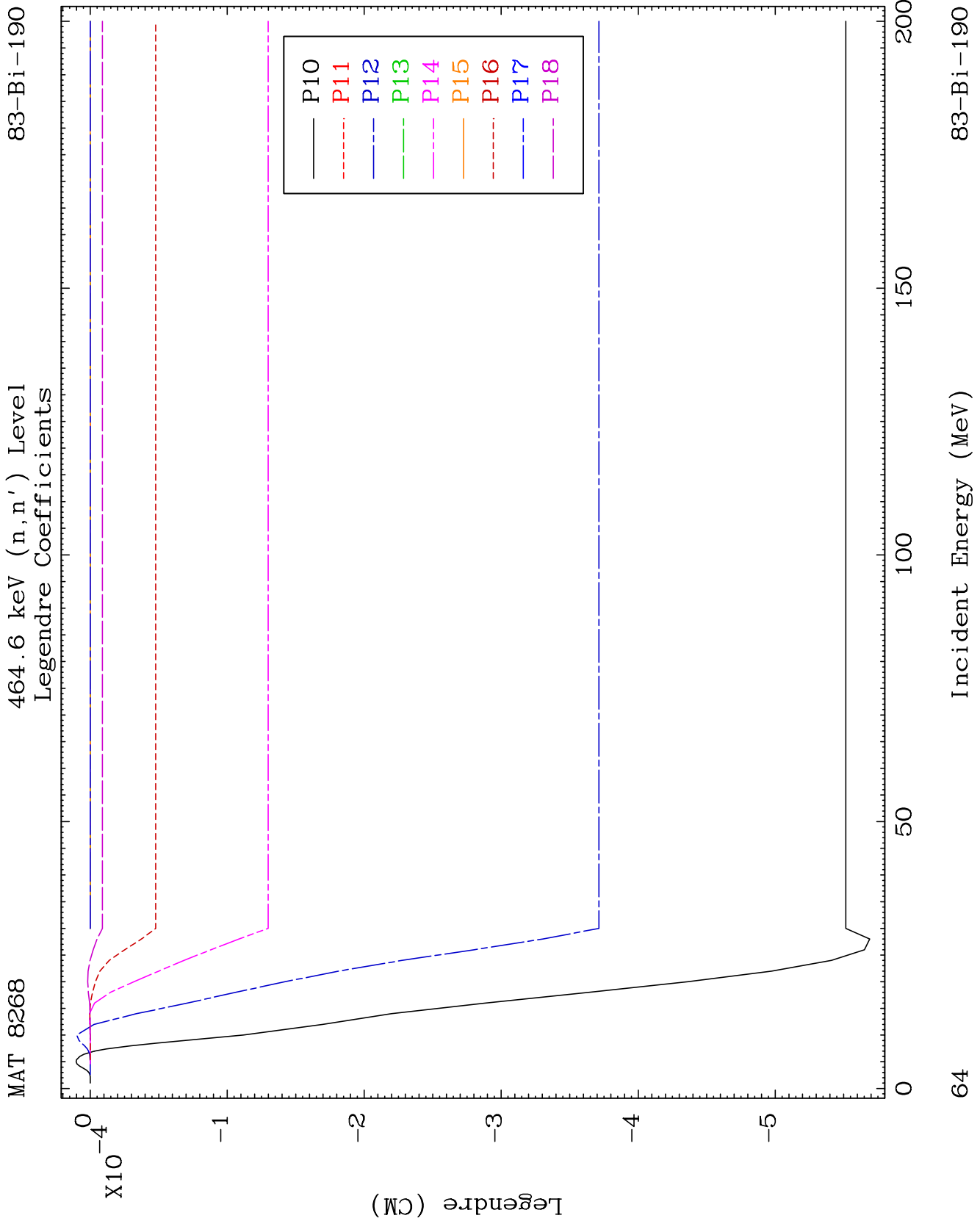
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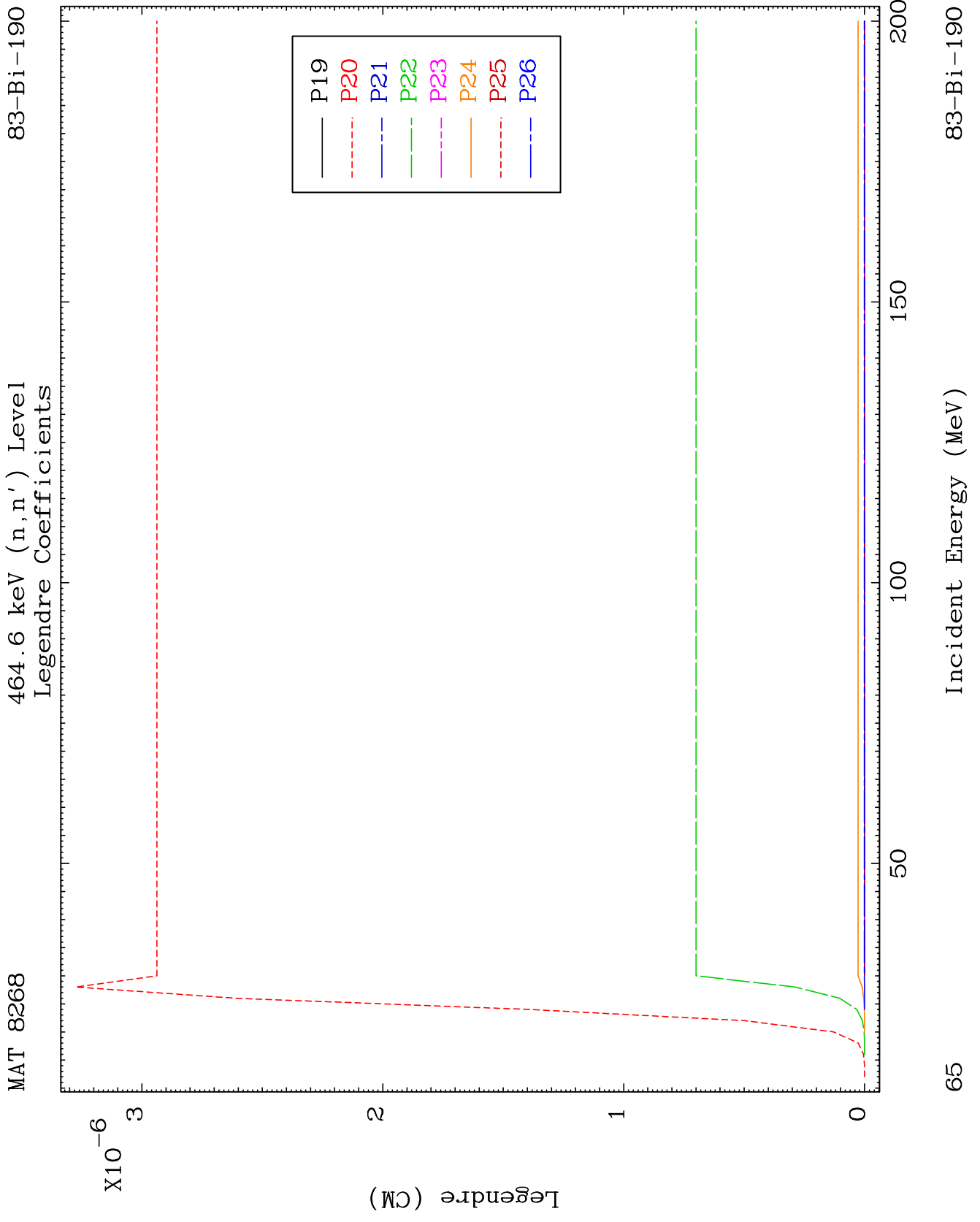
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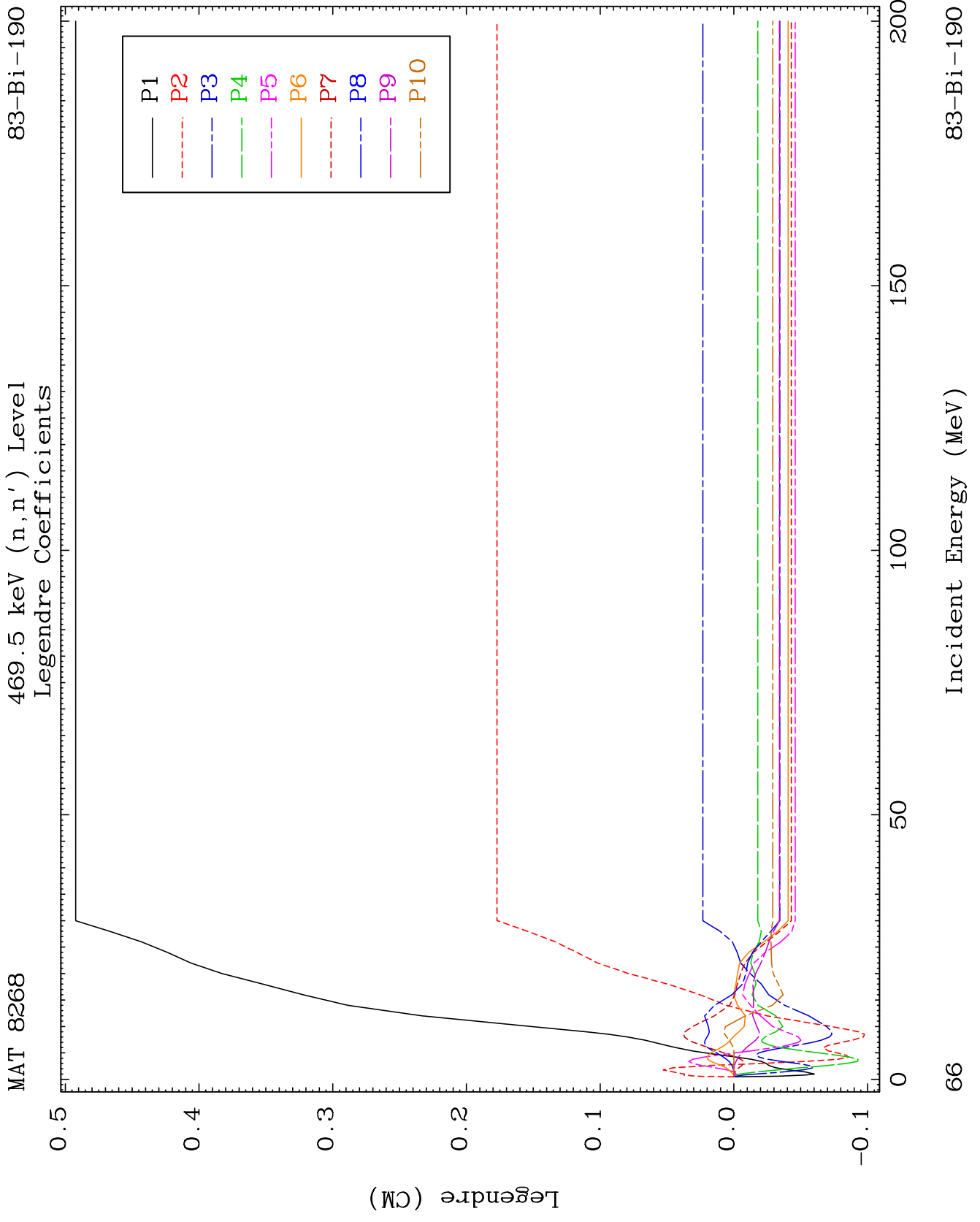
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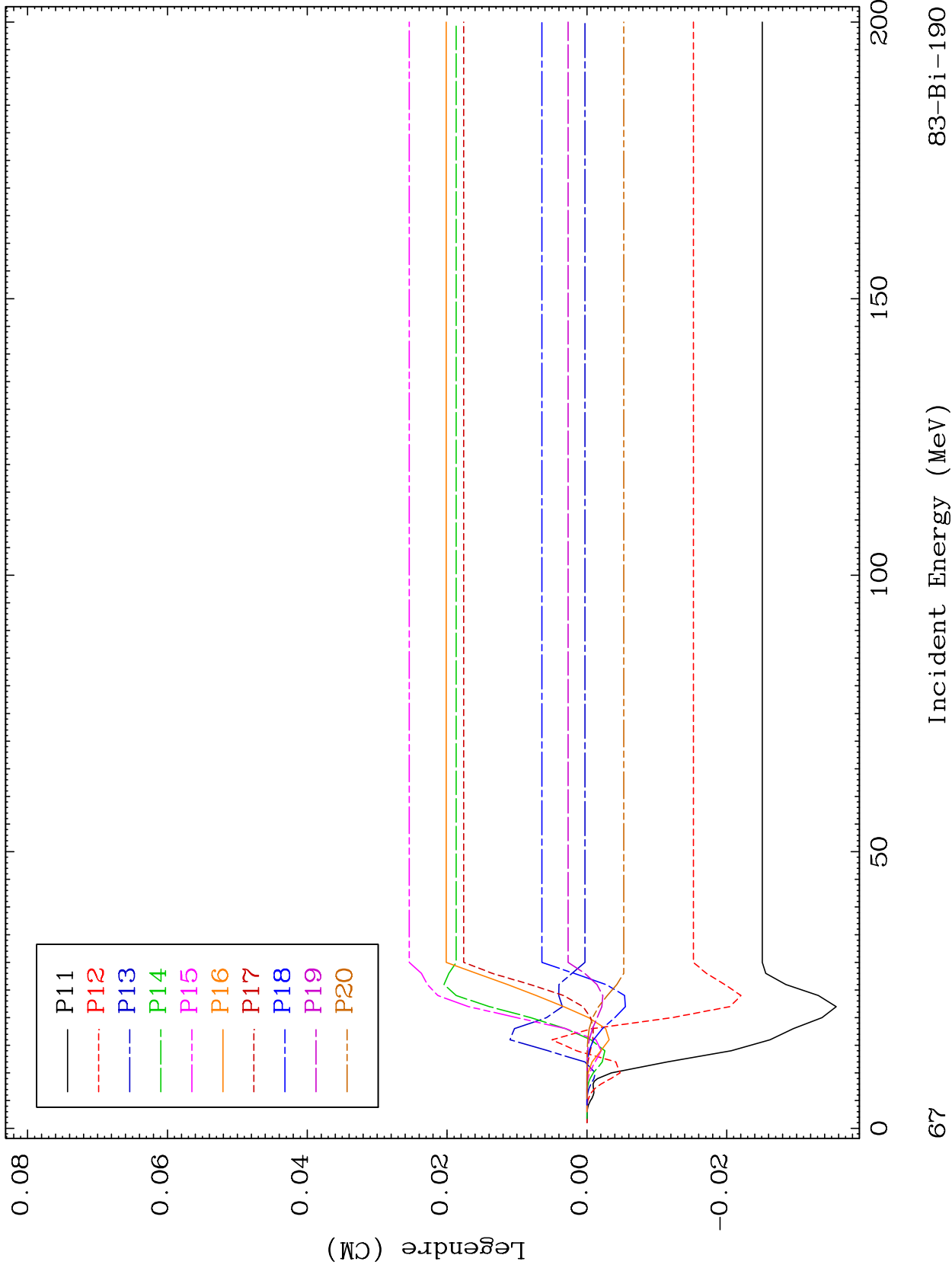




MAT 8268

469.5 keV (n,n') Level  
Legendre Coefficients

83-Bi-190



83-Bi-190

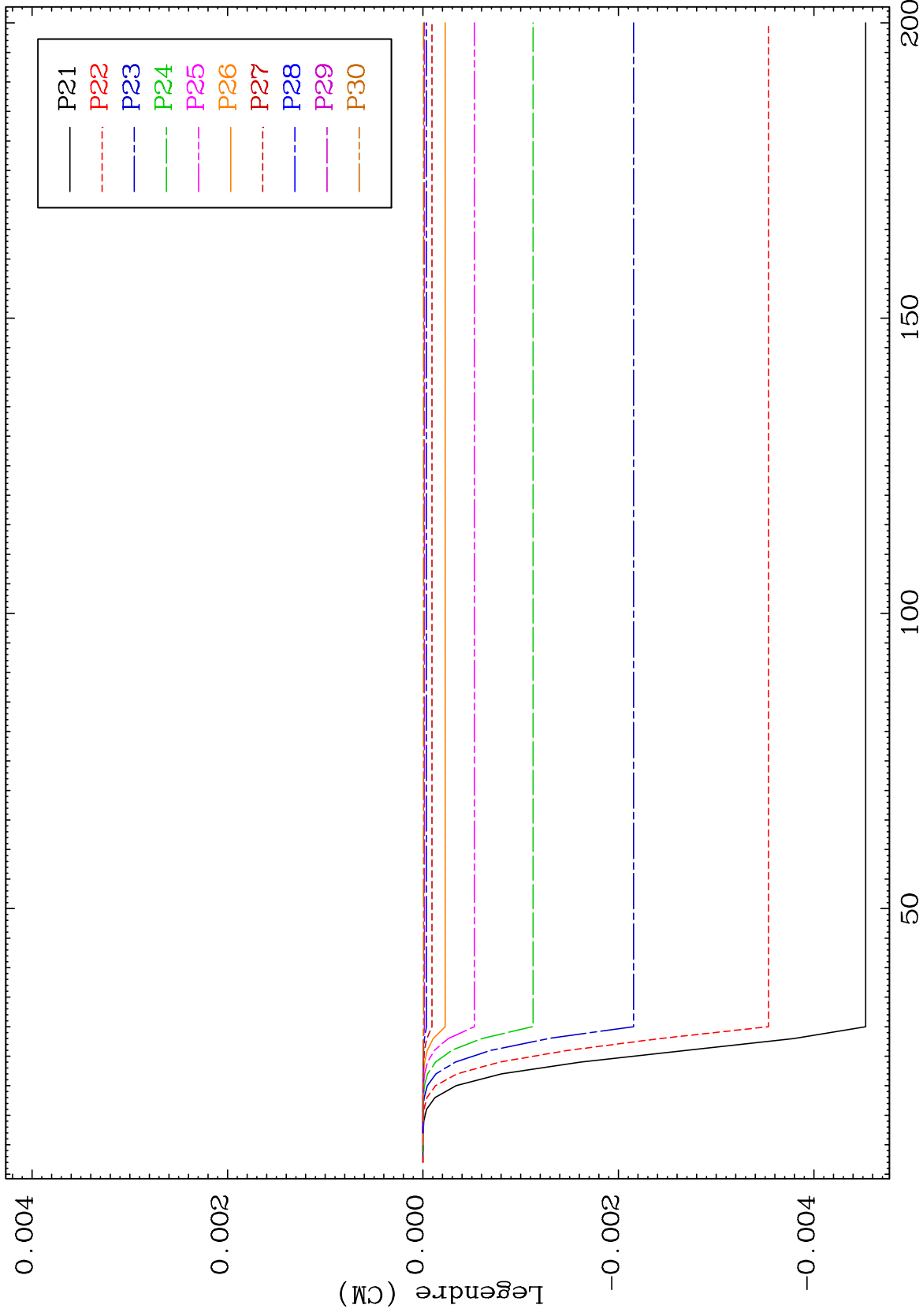
Incident Energy (MeV)

67

MAT 8268

469.5 keV (n,n') Level  
Legendre Coefficients

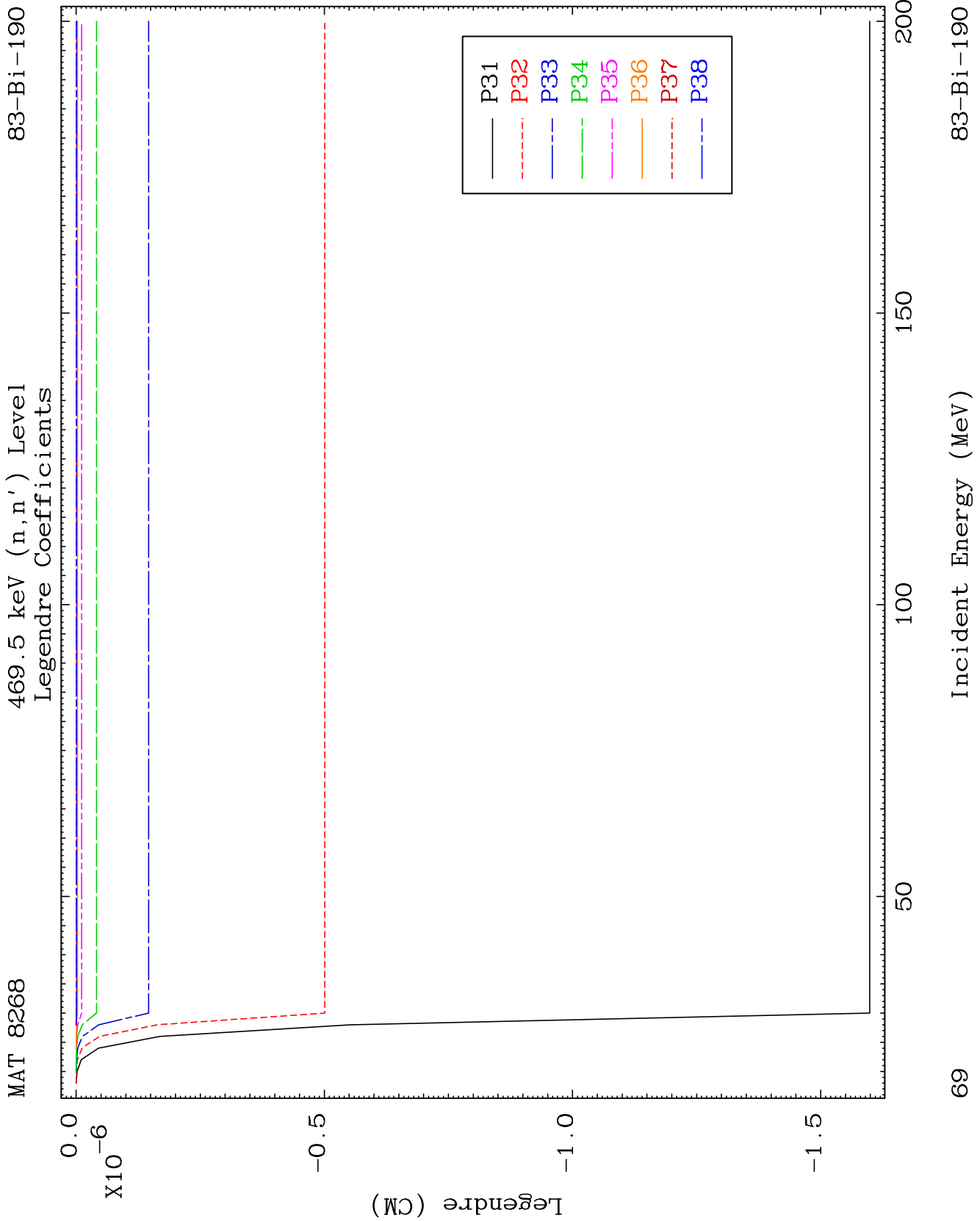
83-Bi-190



68

Incident Energy (MeV)

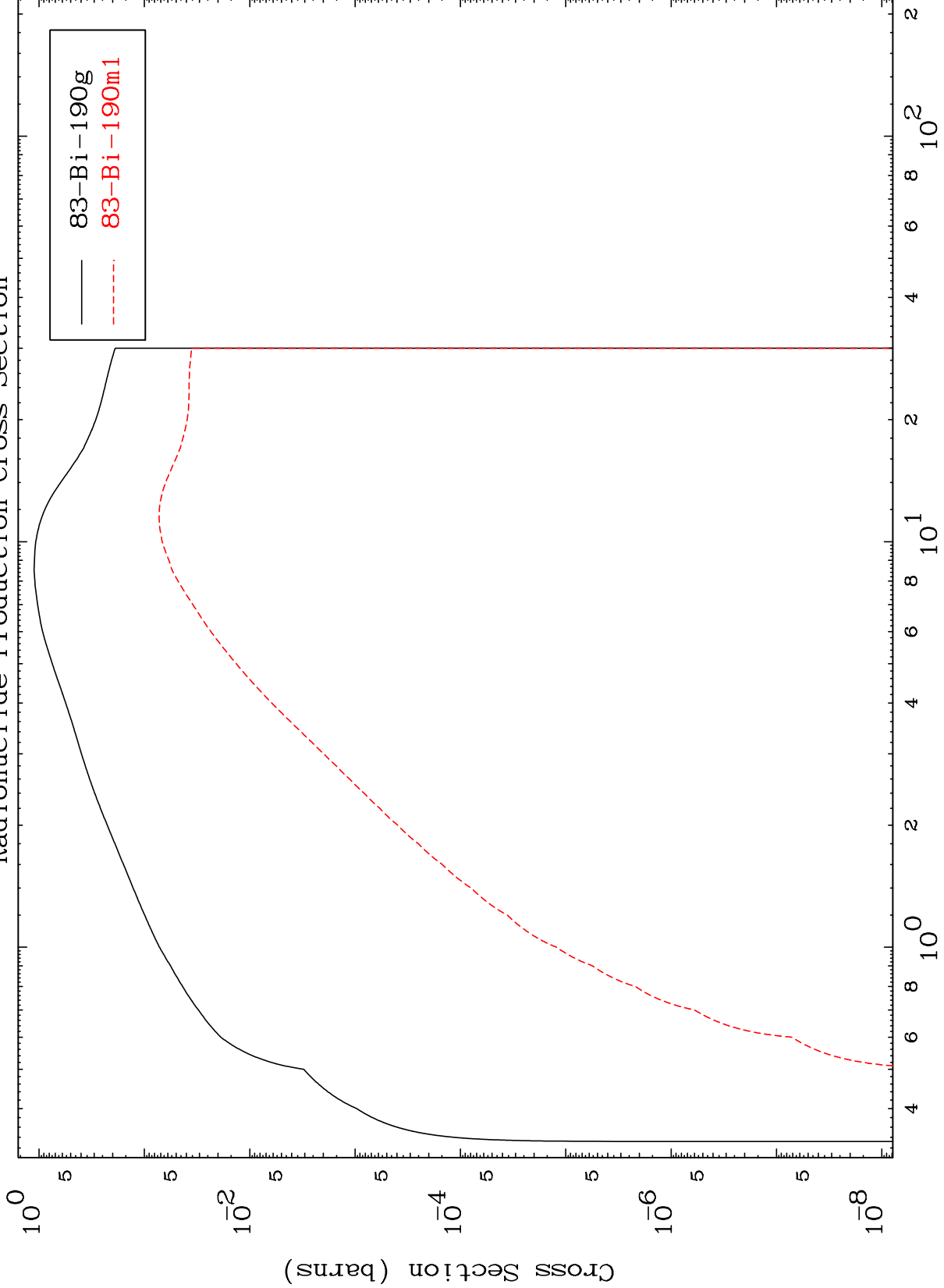
83-Bi-190



MAT 8268

Inelastic  
Radionuclide Production Cross Section

83-Bi-190



70

Incident Energy (MeV)

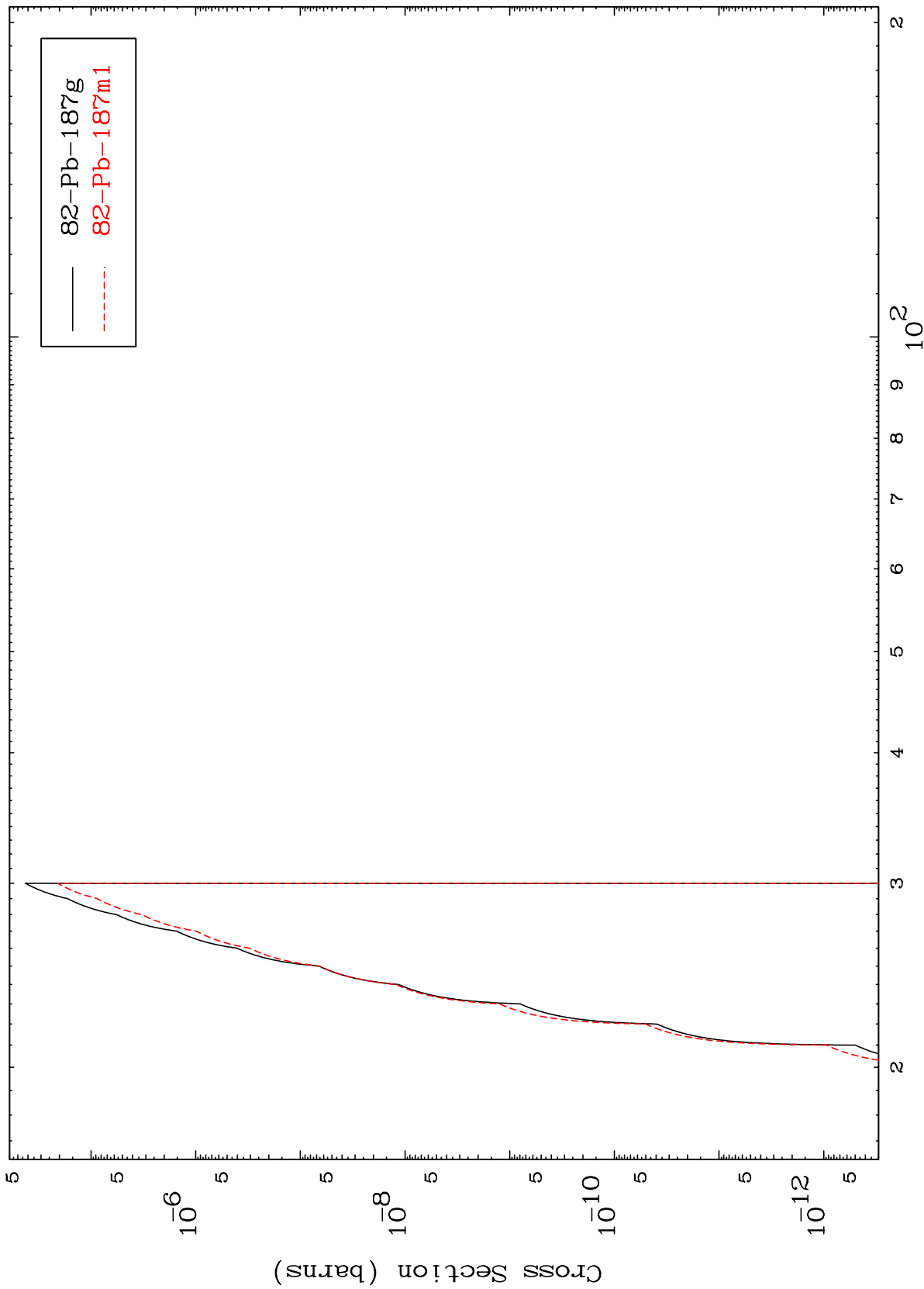
83-Bi-190

MAT 8268

(n,2n) d

83-Bi-190

Radionuclide Production Cross Section



71

Incident Energy (MeV)

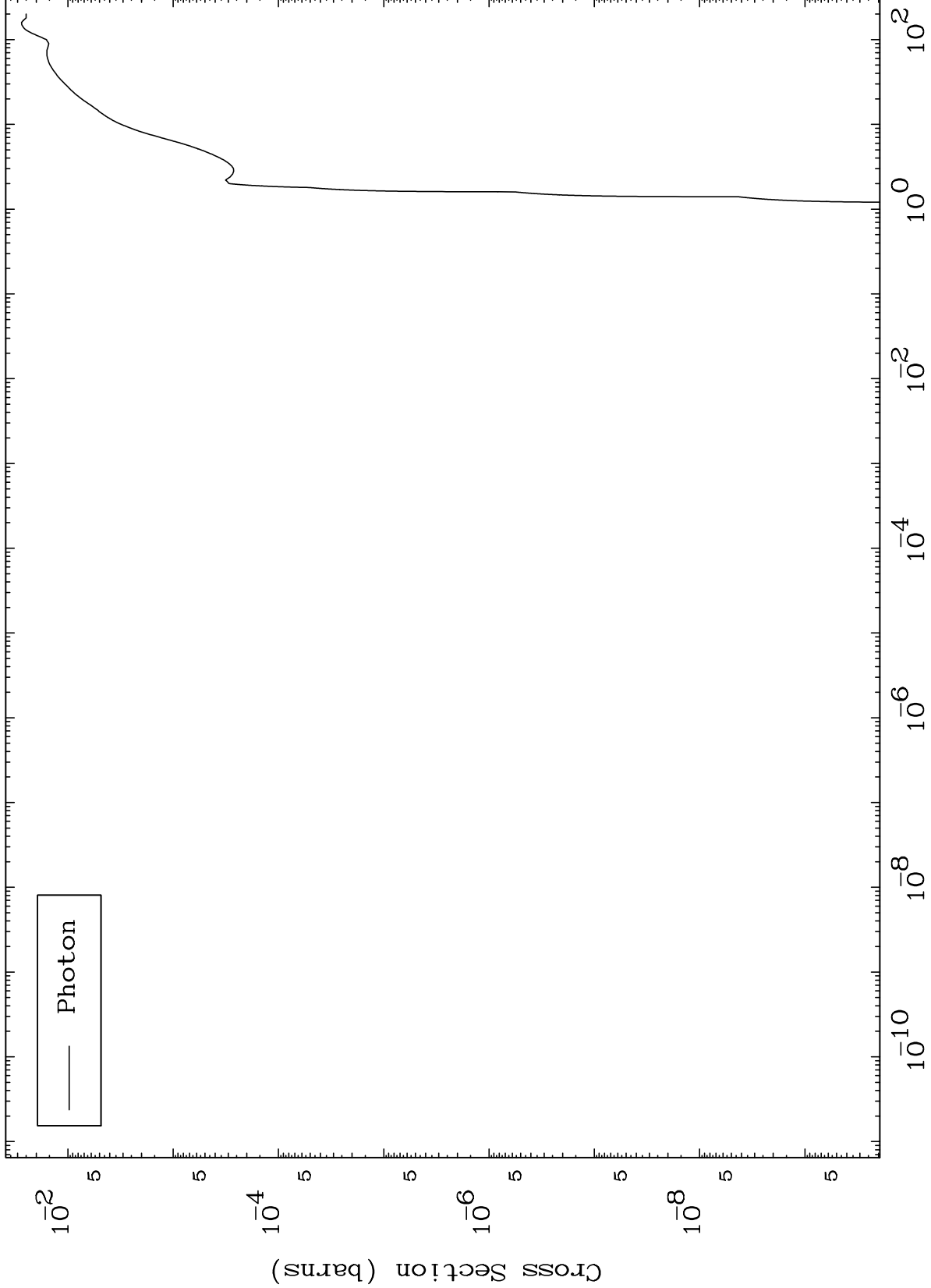
83-Bi-190



MAT 8268

Fission  
Radionuclide Production Cross Section

83-Bi-190



72

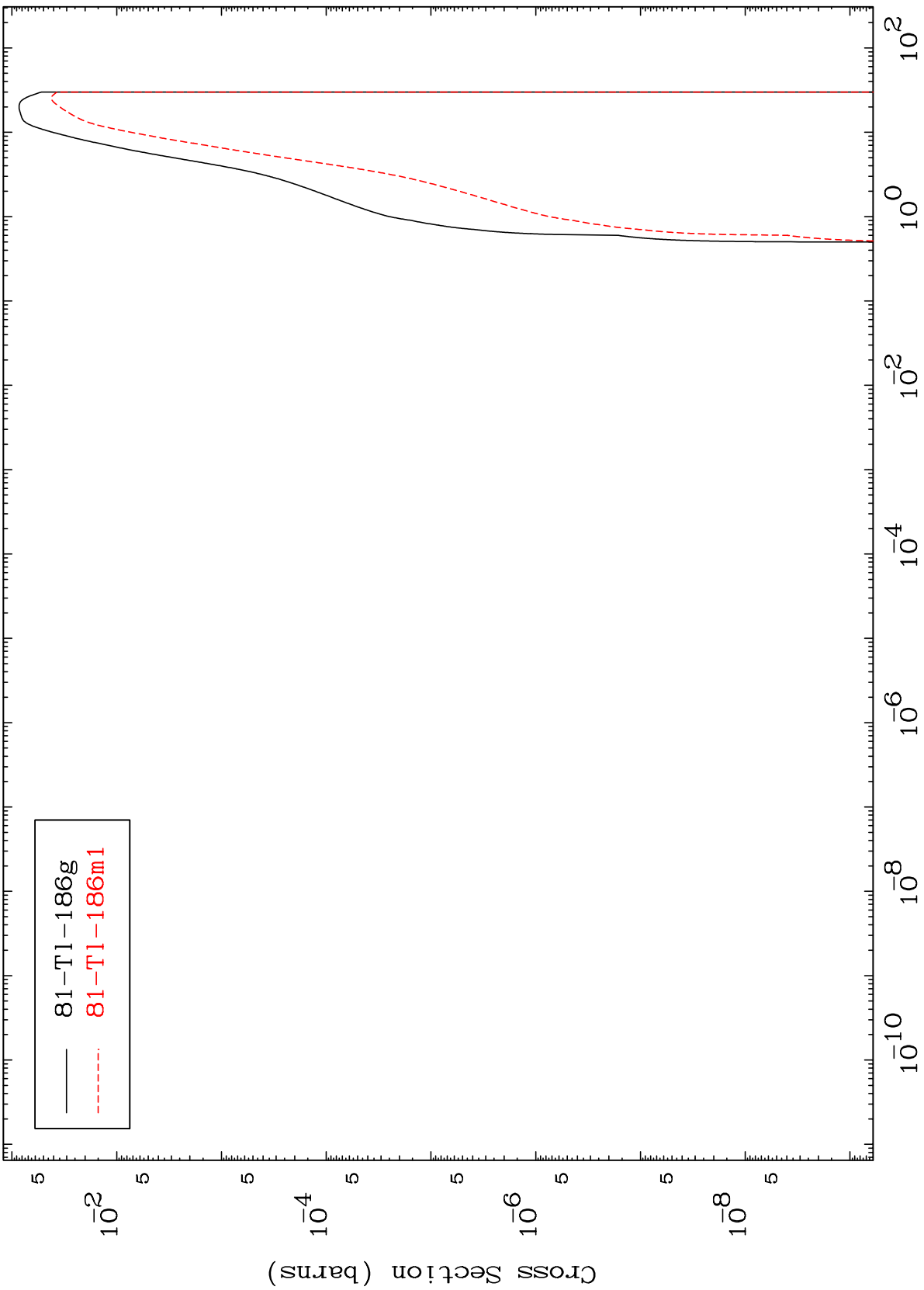
83-Bi-190

MAT 8268

$(n, n') \alpha$

83-Bi-190

Radionuclide Production Cross Section



73

Incident Energy (MeV)

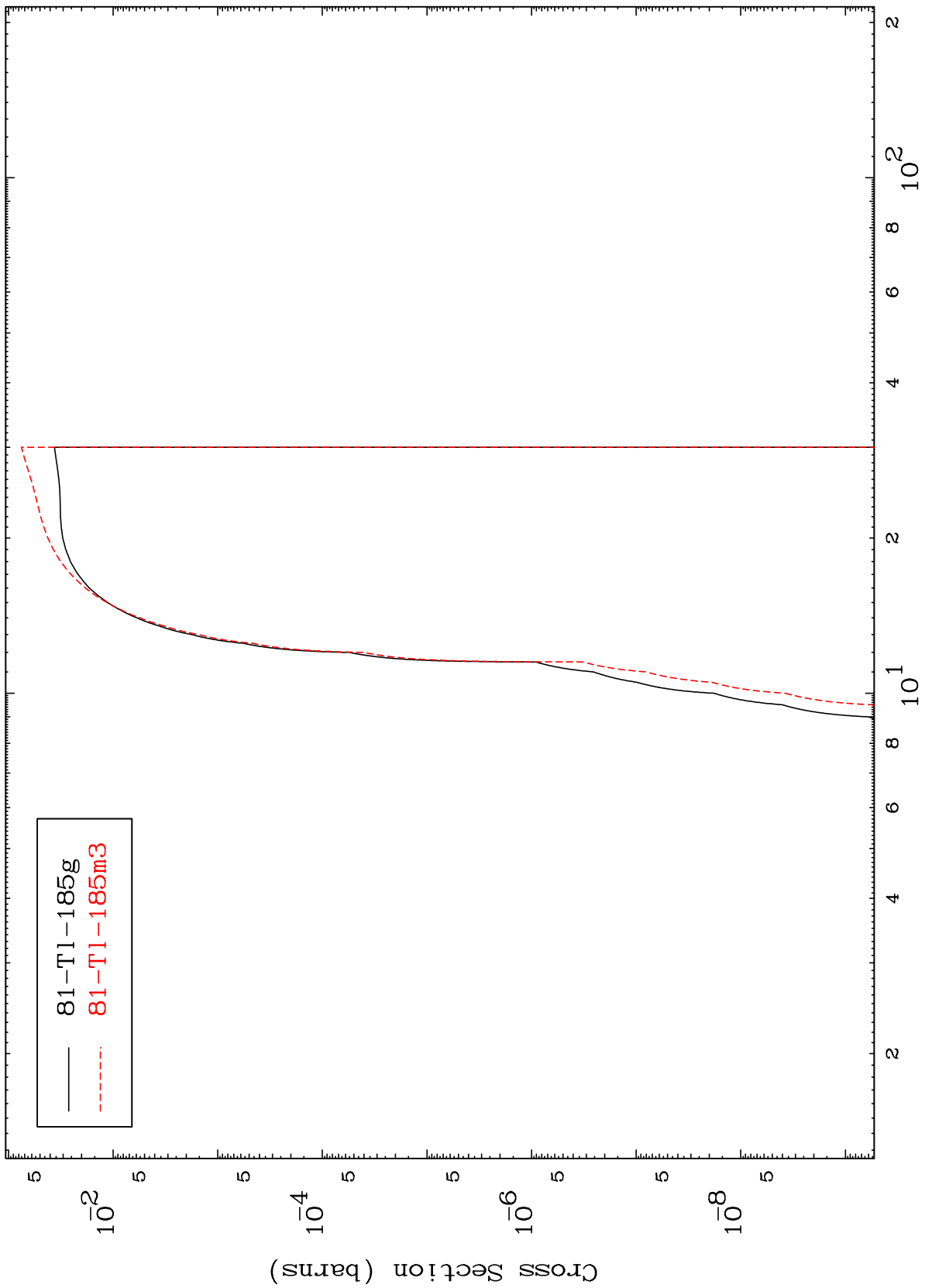
83-Bi-190

MAT 8268

(n,2n)  $\alpha$

83-Bi-190

Radionuclide Production Cross Section



74

Incident Energy (MeV)

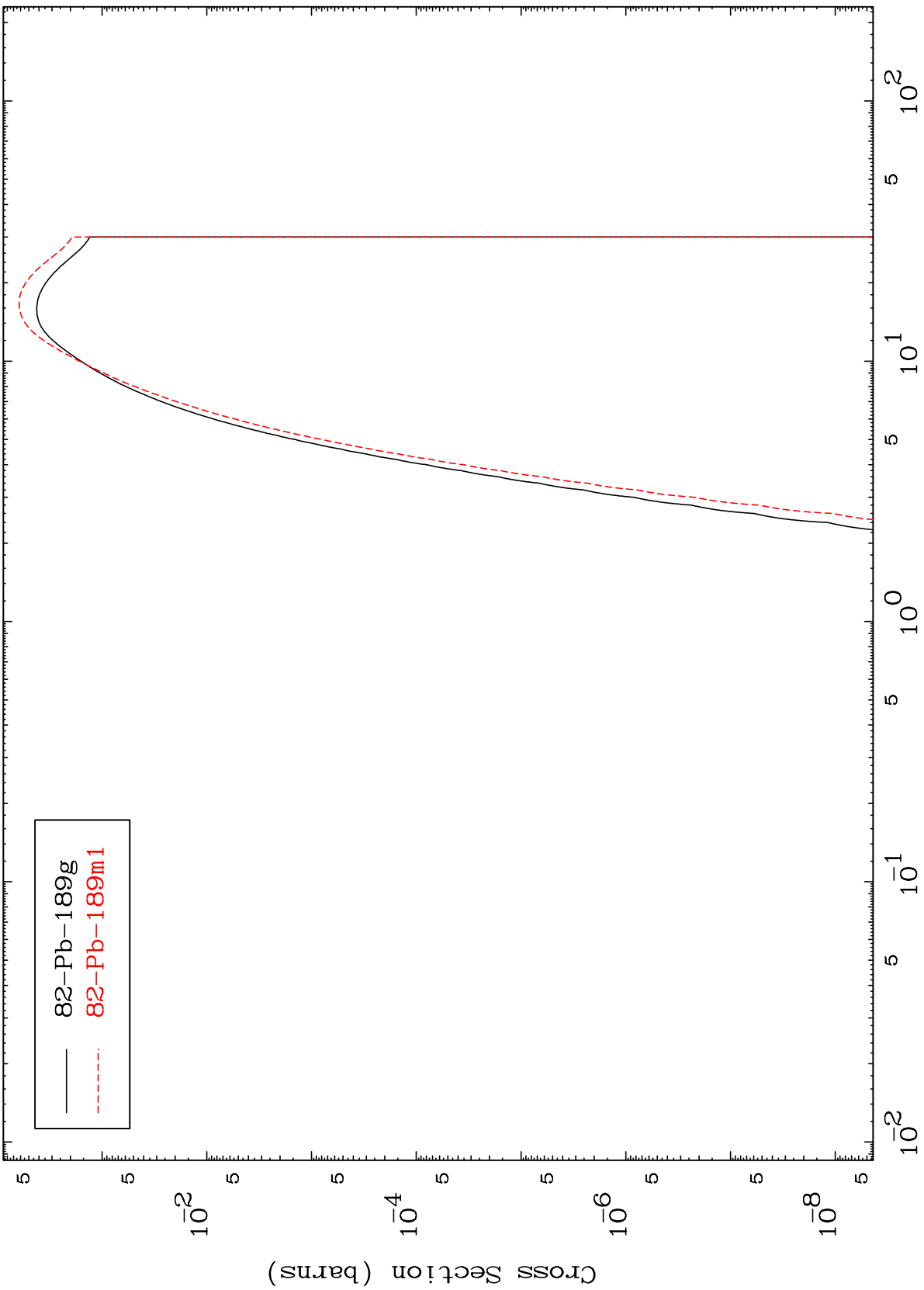
83-Bi-190

MAT 8268

(n,n') p

83-Bi-190

Radionuclide Production Cross Section



82-Pb-189g  
82-Pb-189m1

Incident Energy (MeV)

83-Bi-190

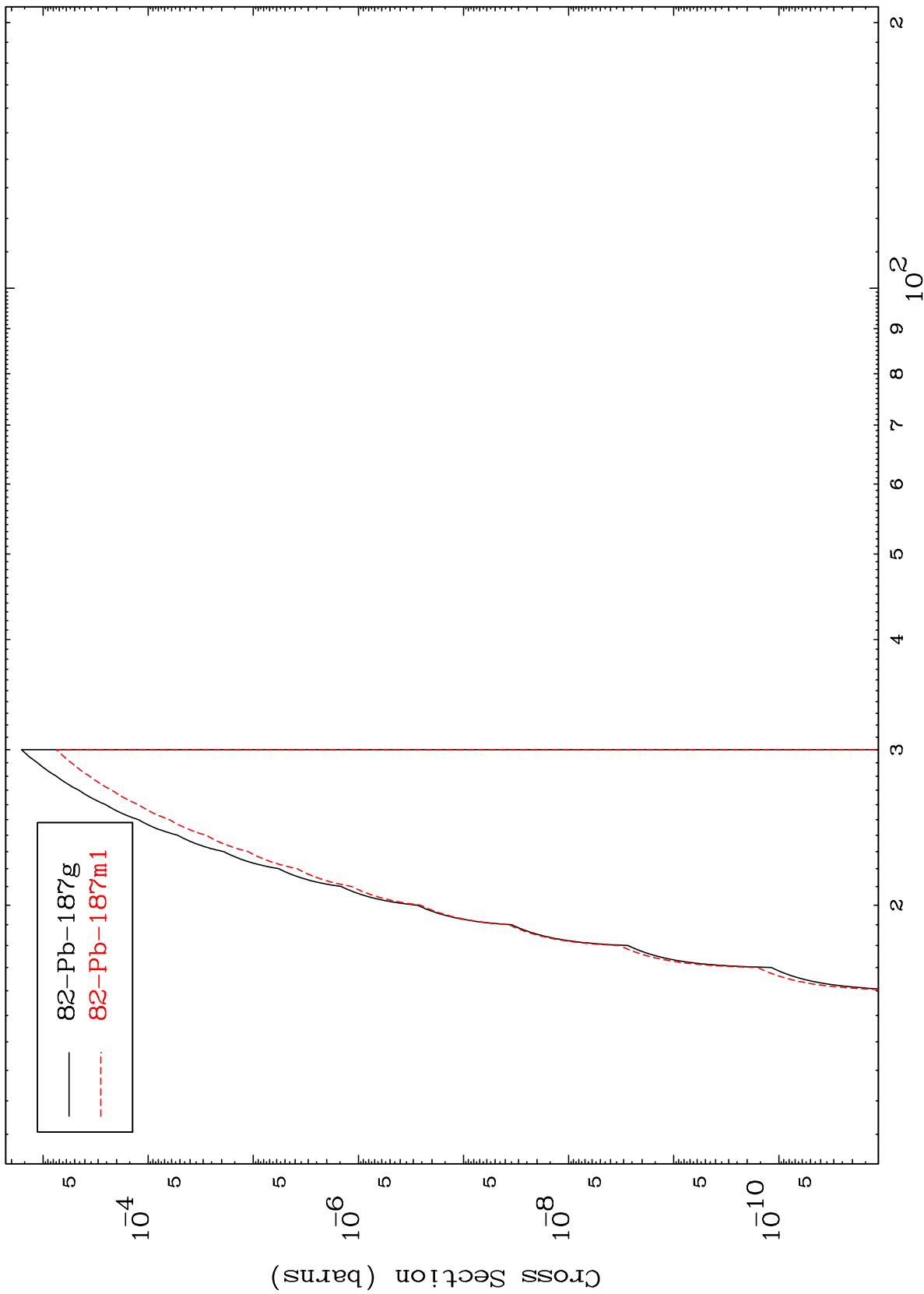
75

MAT 8268

(n,n') t

83-Bi-190

Radionuclide Production Cross Section



76

Incident Energy (MeV)

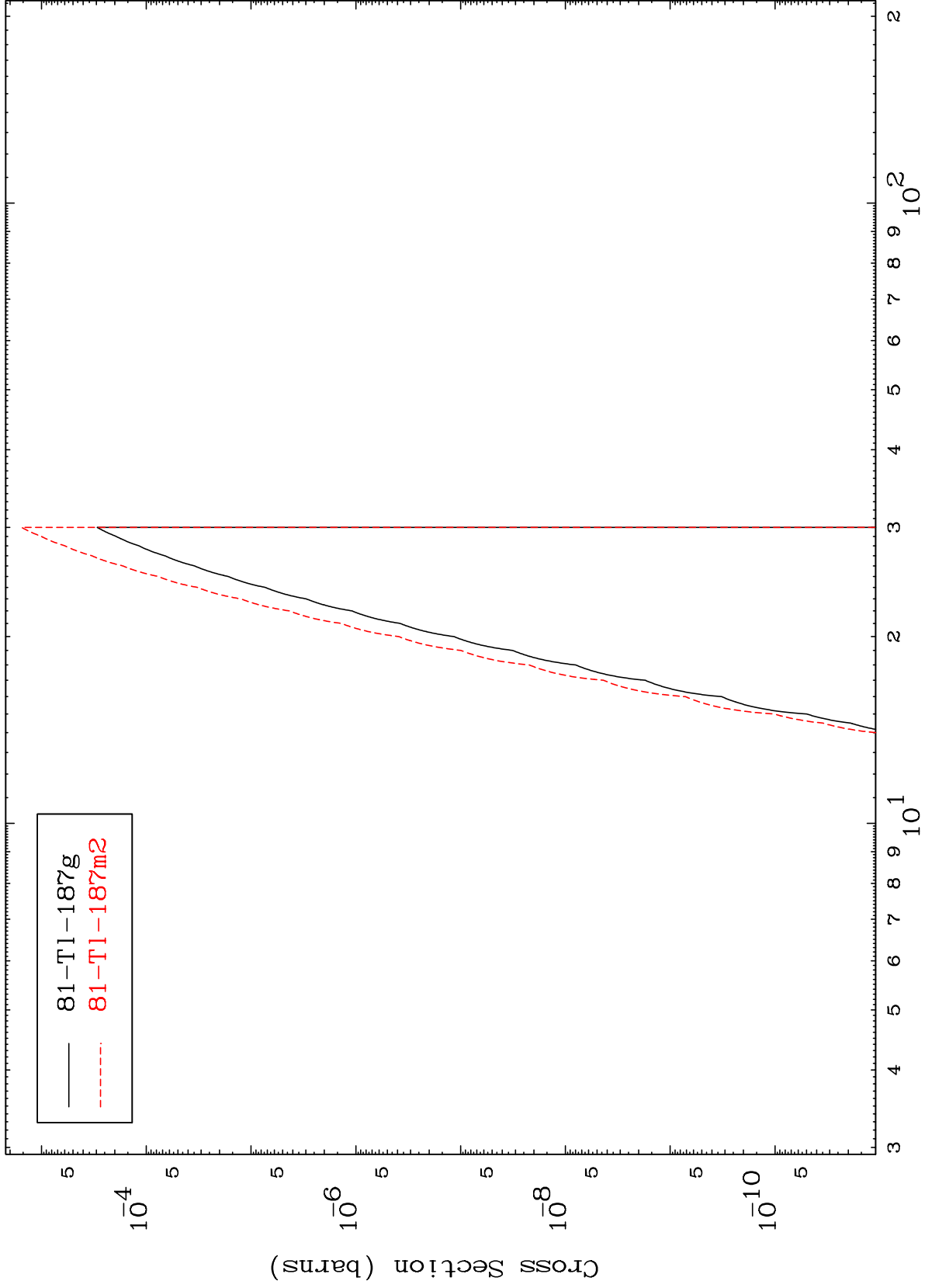
83-Bi-190

MAT 8268

(n,n') He-3

83-Bi-190

Radionuclide Production Cross Section



77

Incident Energy (MeV)

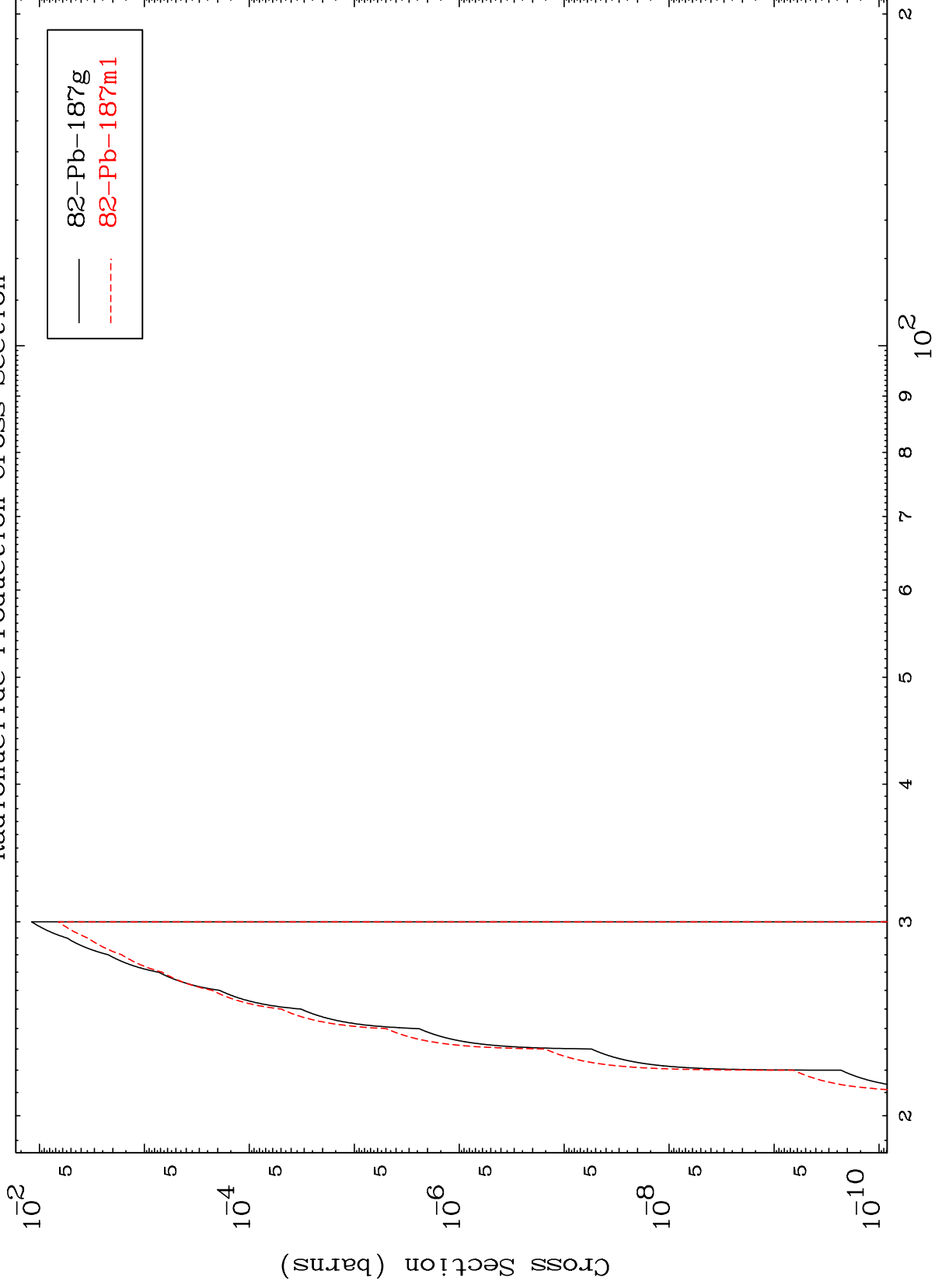
83-Bi-190

MAT 8268

(n,3n) p

83-Bi-190

Radionuclide Production Cross Section



78

Incident Energy (MeV)

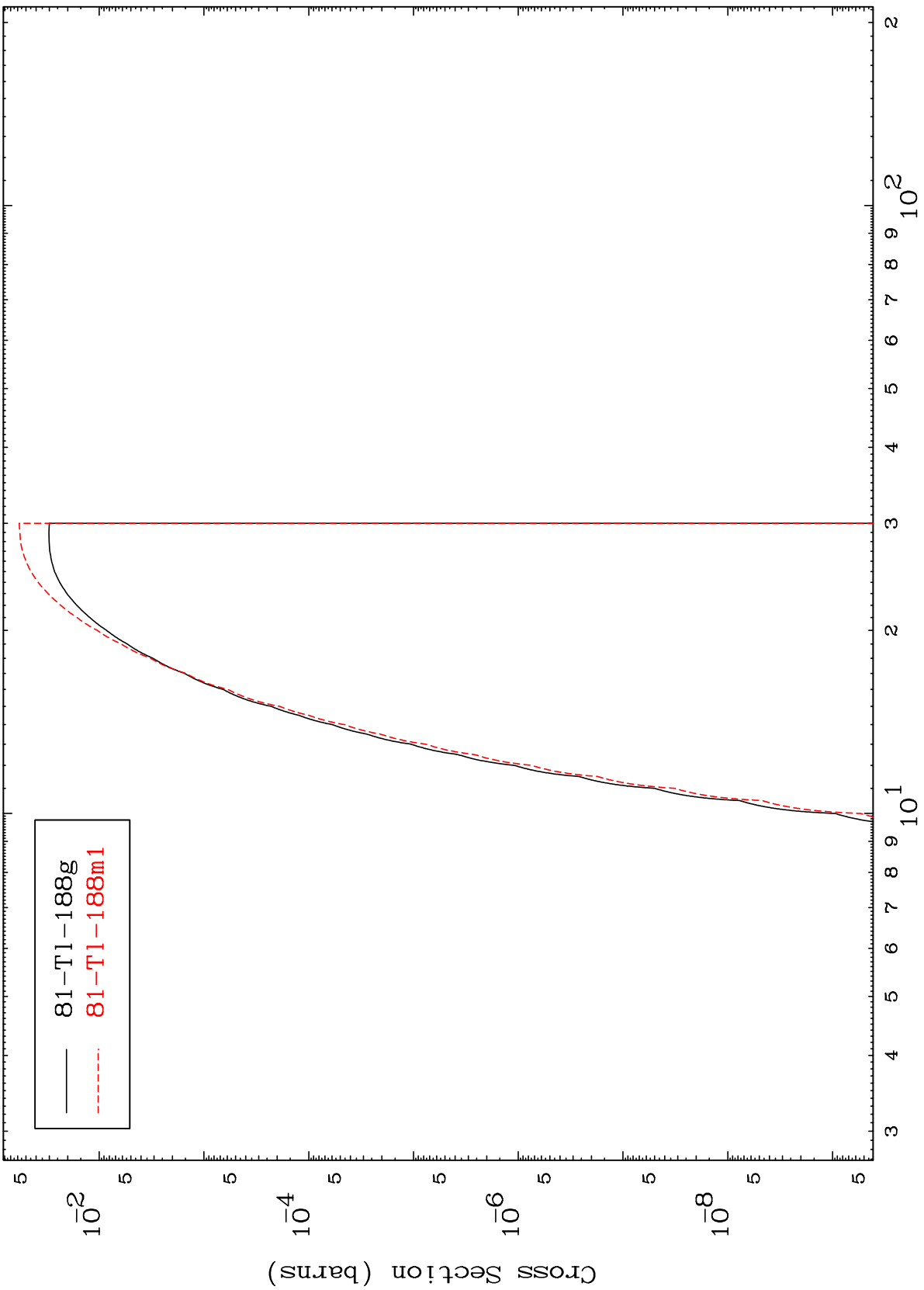
83-Bi-190

MAT 8268

(n,2n) p

83-Bi-190

Radionuclide Production Cross Section



81-Tl-188g  
81-Tl-188m1

79

Incident Energy (MeV)

83-Bi-190

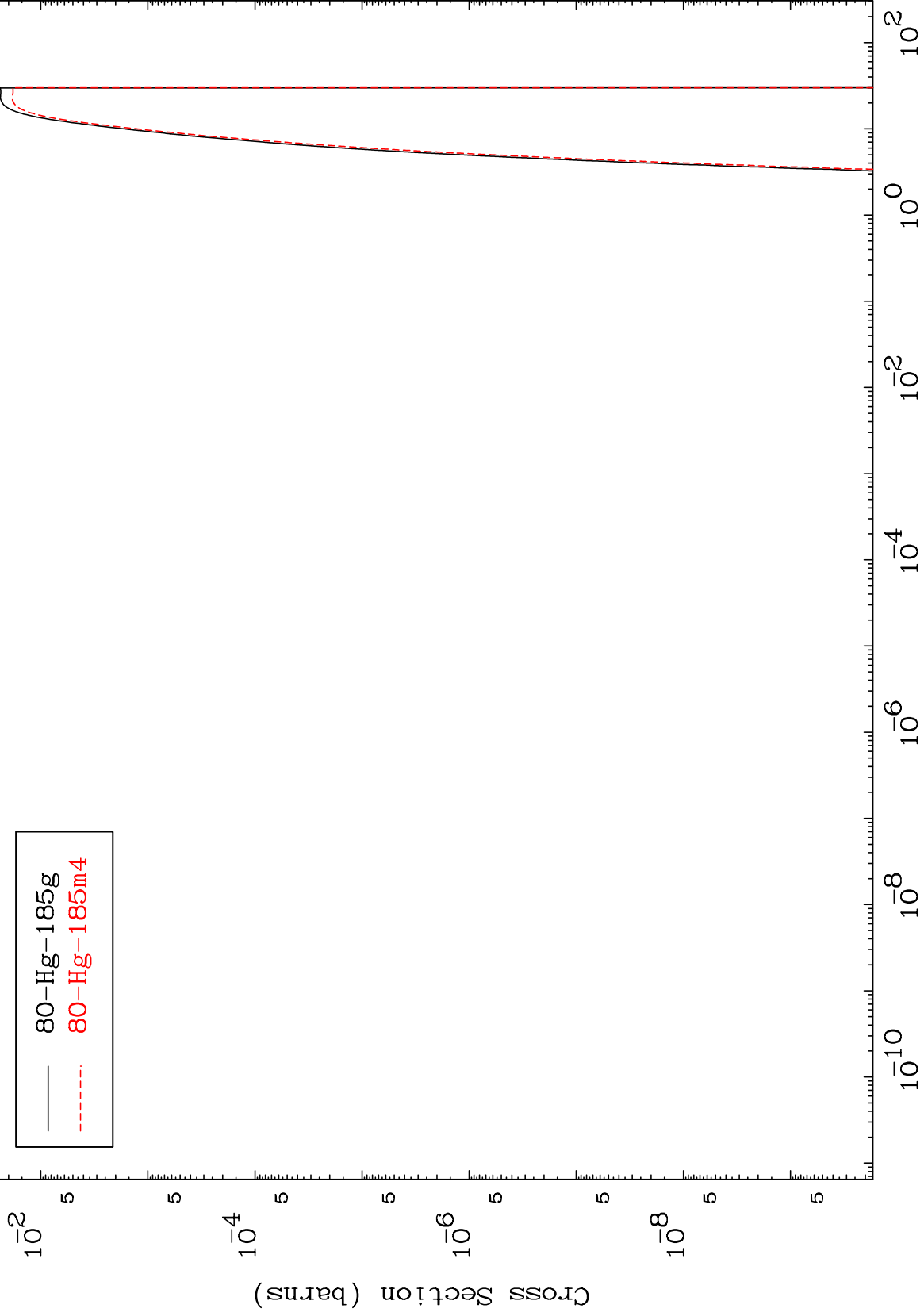


MAT 8268

(n,n') p  $\alpha$

83-Bi-190

Radionuclide Production Cross Section



80

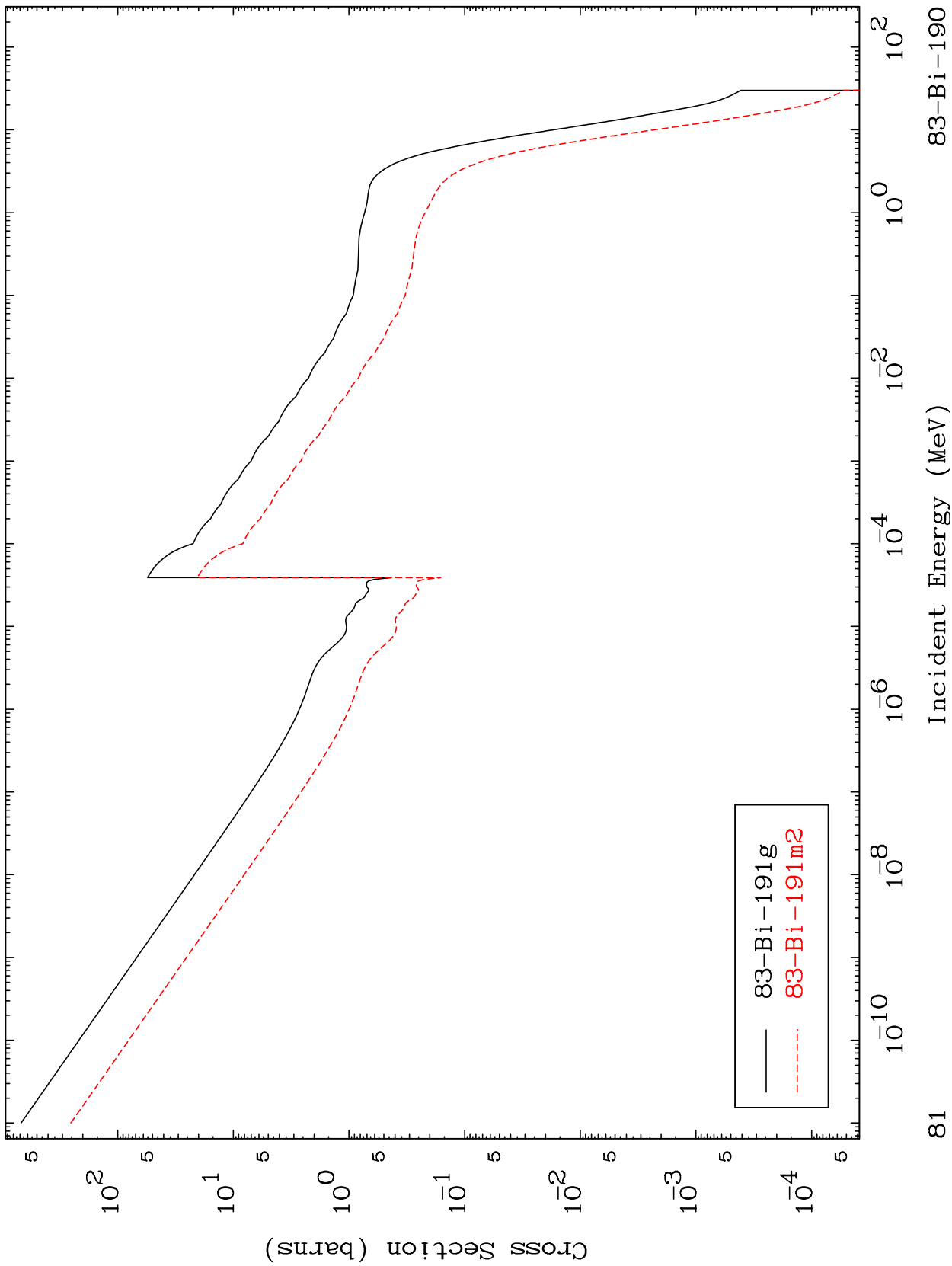
Incident Energy (MeV)

83-Bi-190

MAT 8268

83-Bi-190

(n,γ)  
Radionuclide Production Cross Section

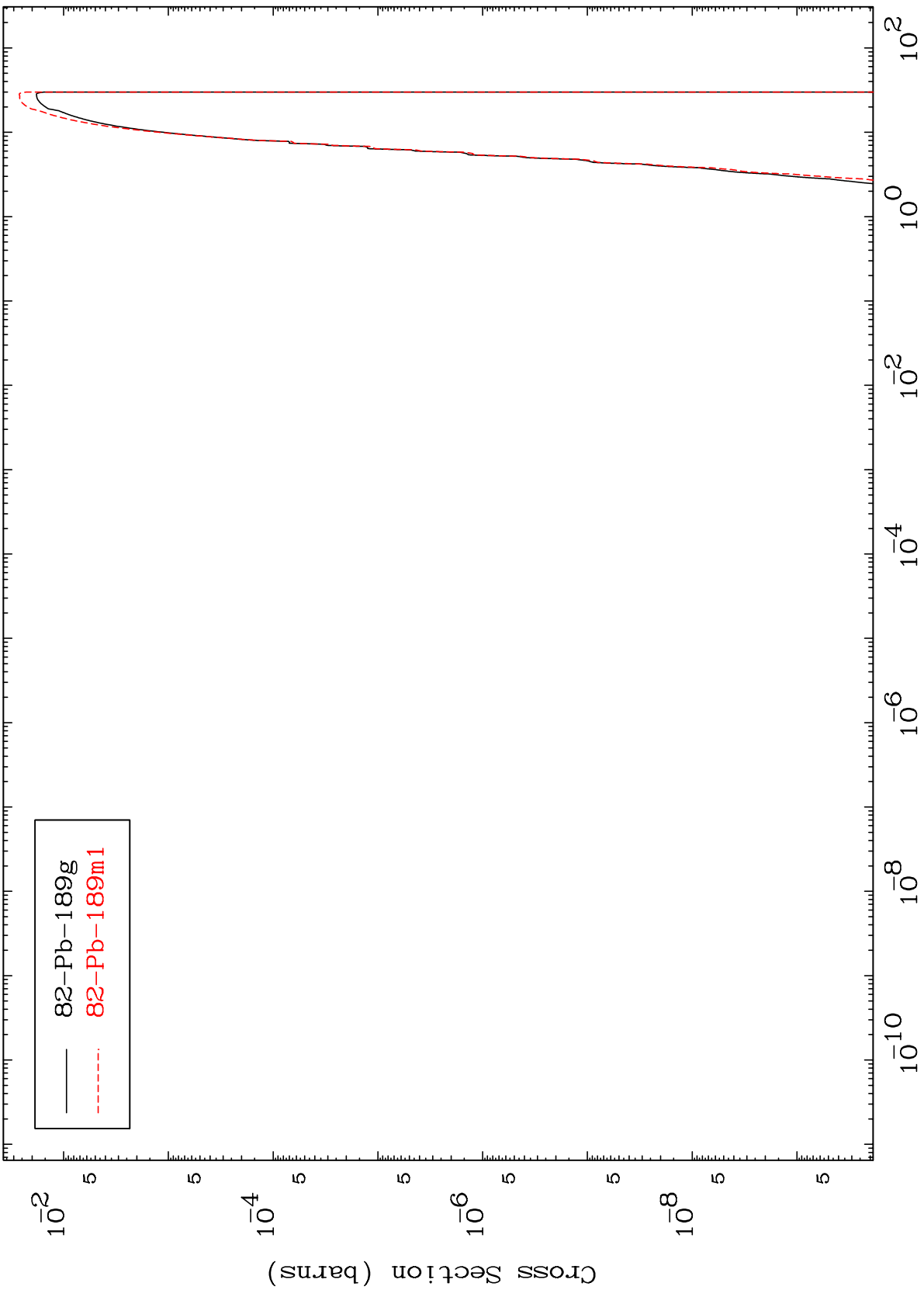
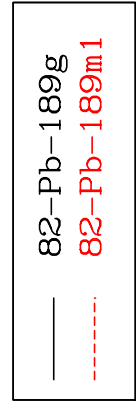


MAT 8268

(n,d)

83-Bi-190

Radionuclide Production Cross Section



82

Incident Energy (MeV)

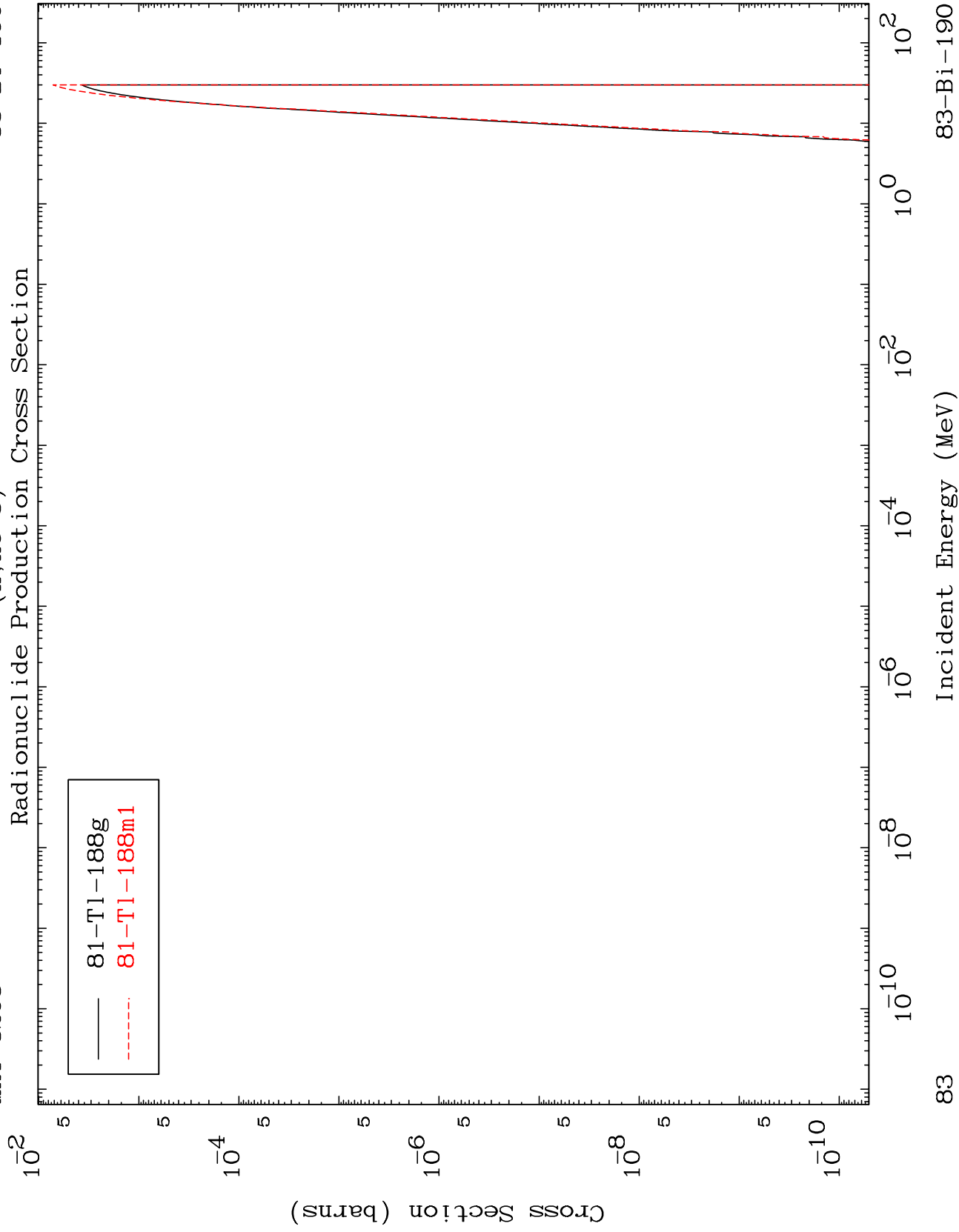
83-Bi-190

MAT 8268

(n,He-3)

83-Bi-190

Radionuclide Production Cross Section

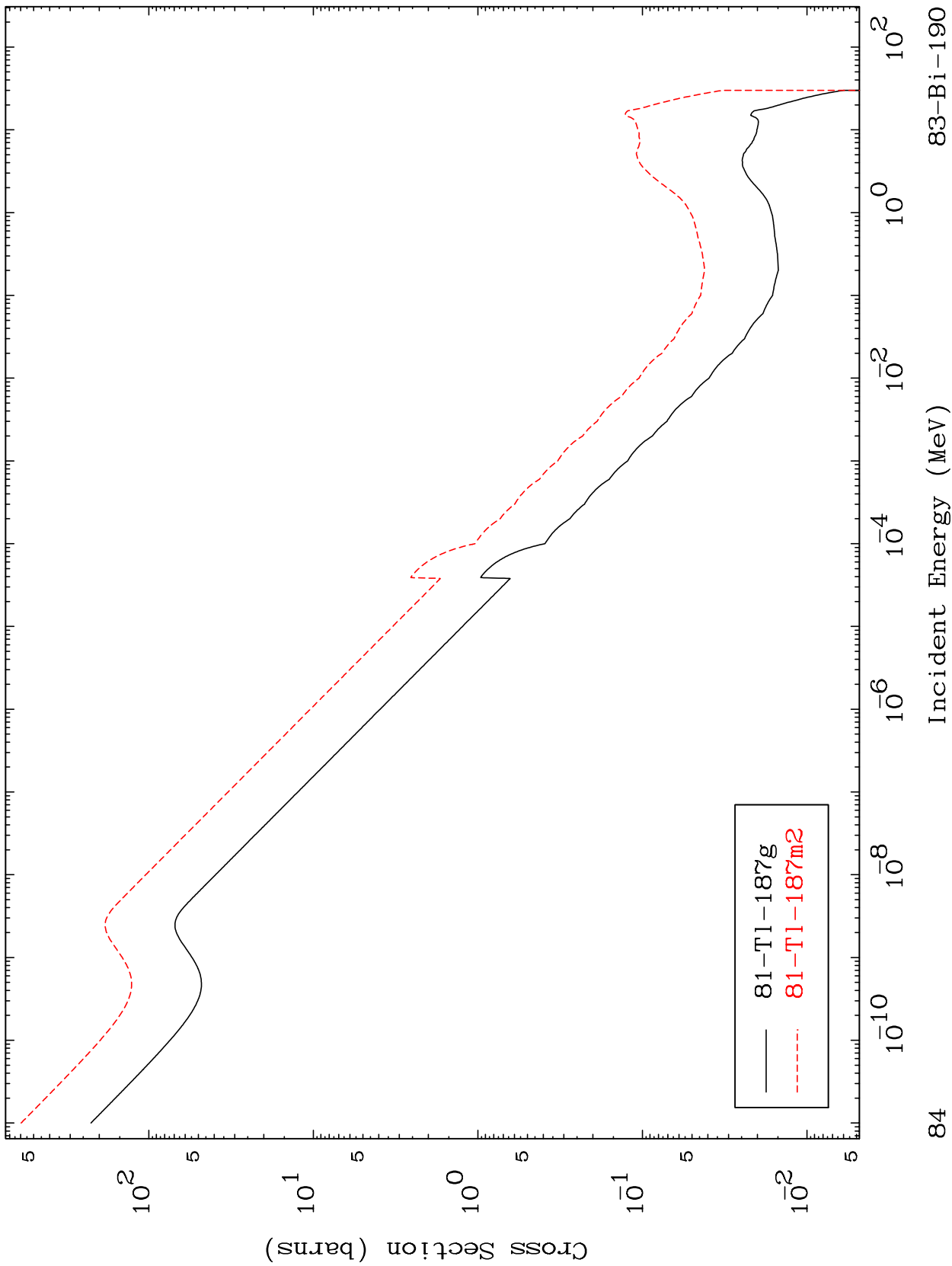


83

MAT 8268

83-Bi-190

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



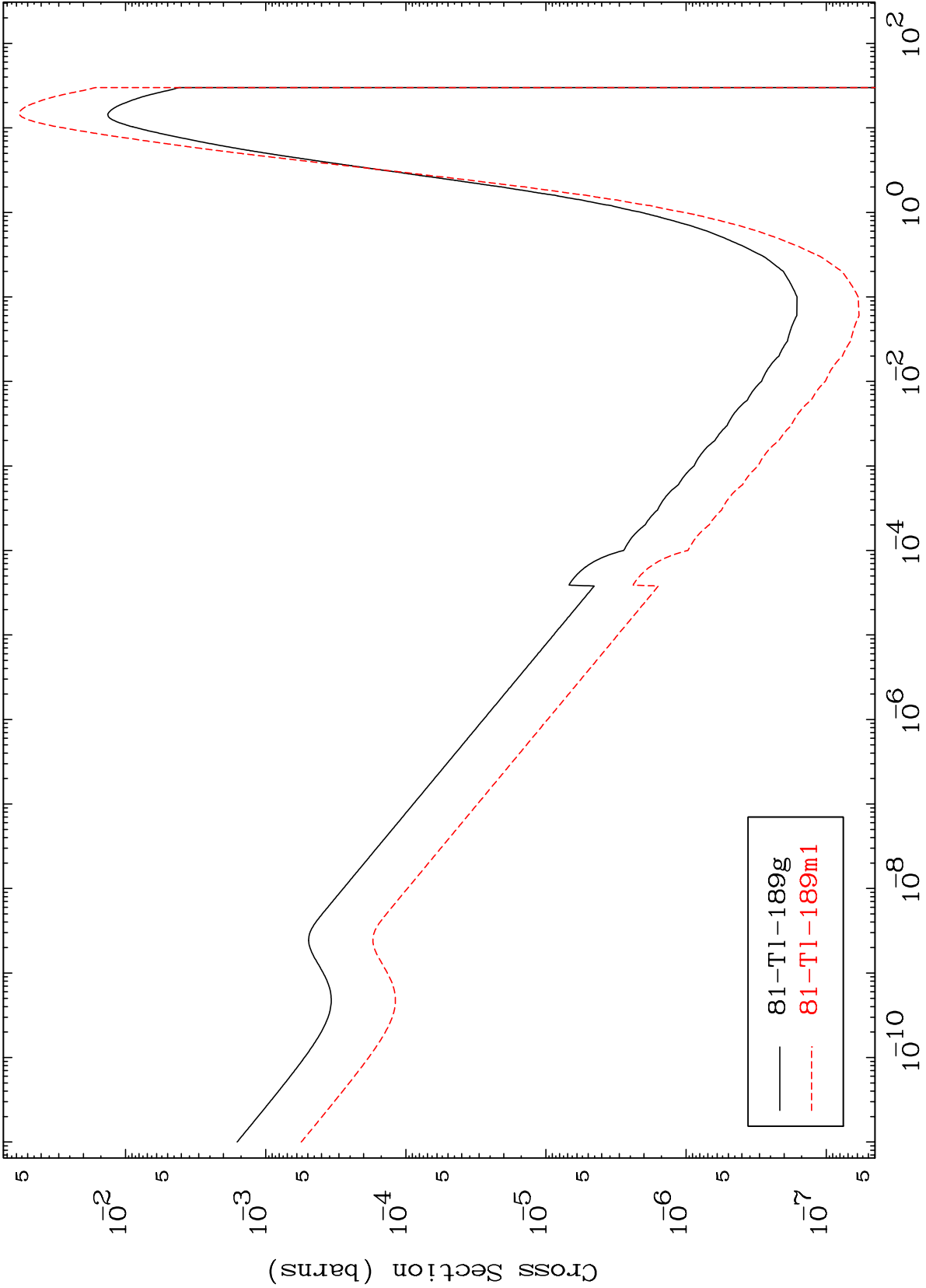
84

MAT 8268

(n,2p)

83-Bi-190

Radionuclide Production Cross Section



85

Incident Energy (MeV)

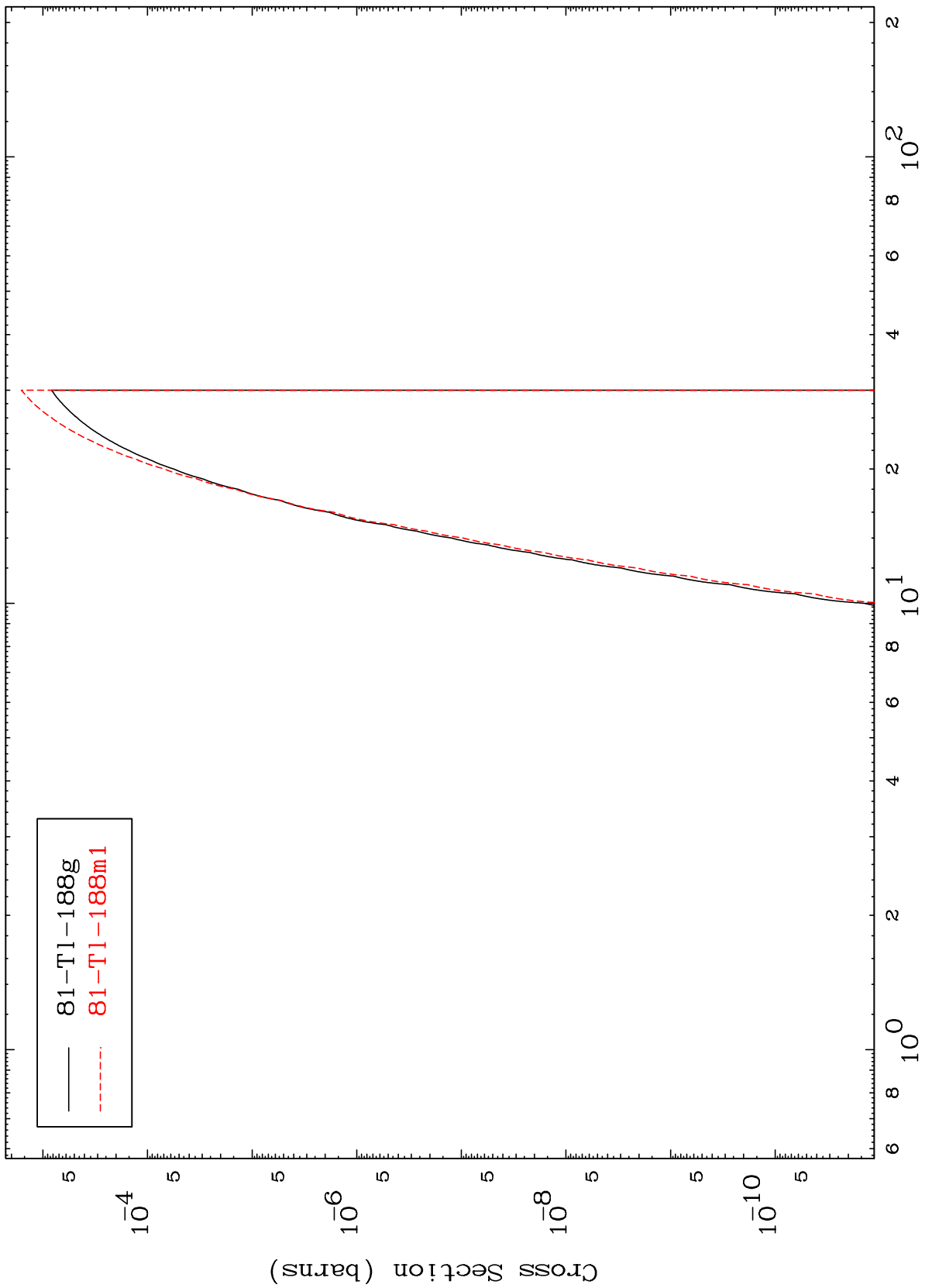
83-Bi-190

MAT 8268

(n,p) d

83-Bi-190

Radionuclide Production Cross Section



81-Tl-188g  
81-Tl-188m1

86

Incident Energy (MeV)

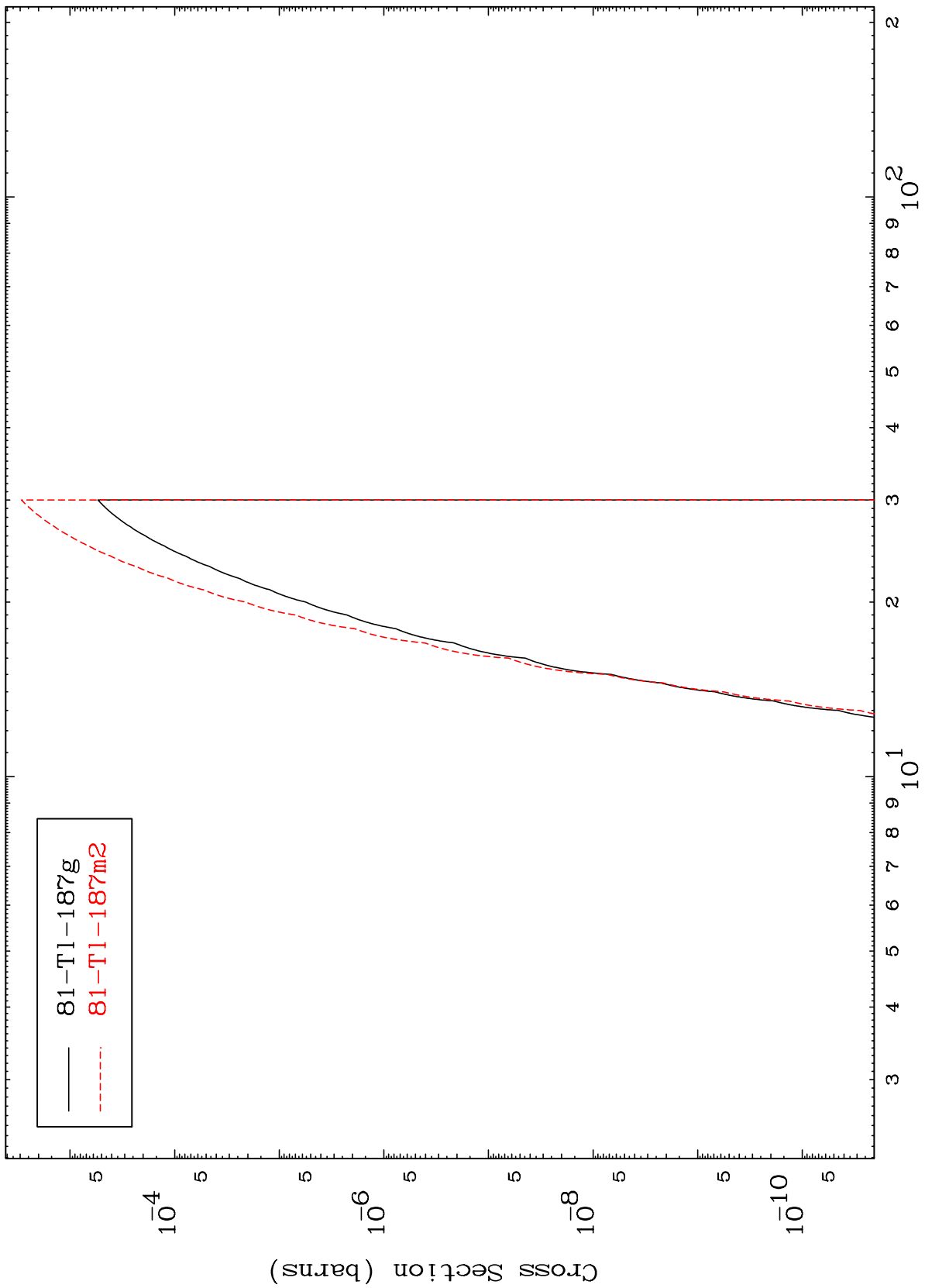
83-Bi-190

MAT 8268

(n,p) t

83-Bi-190

Radionuclide Production Cross Section



87

Incident Energy (MeV)

83-Bi-190

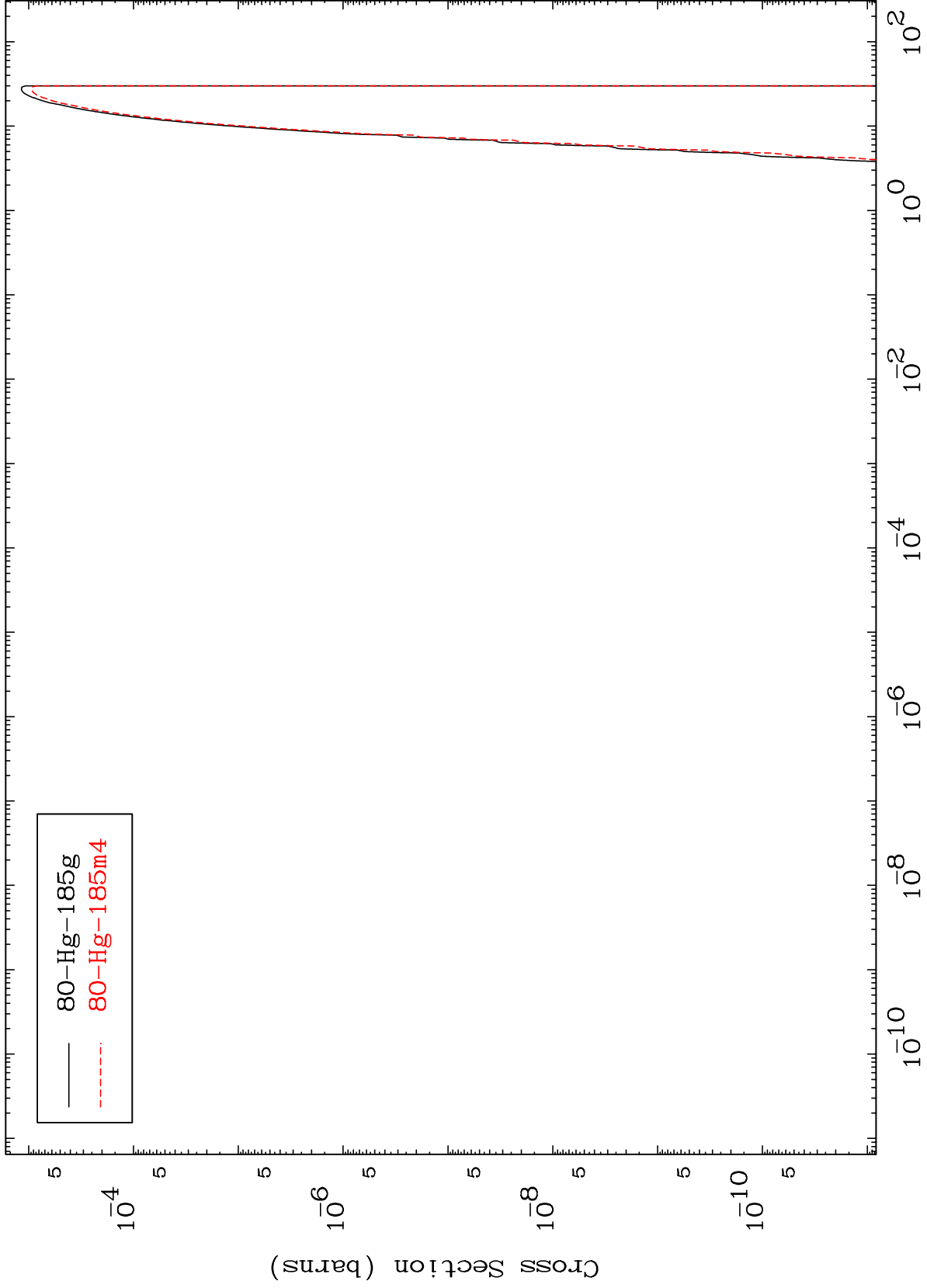


MAT 8268

(n,d)  $\alpha$

83-Bi-190

Radionuclide Production Cross Section



88

Incident Energy (MeV)

83-Bi-190