

Program EVALPLOT  
(Version 2021-1)

by

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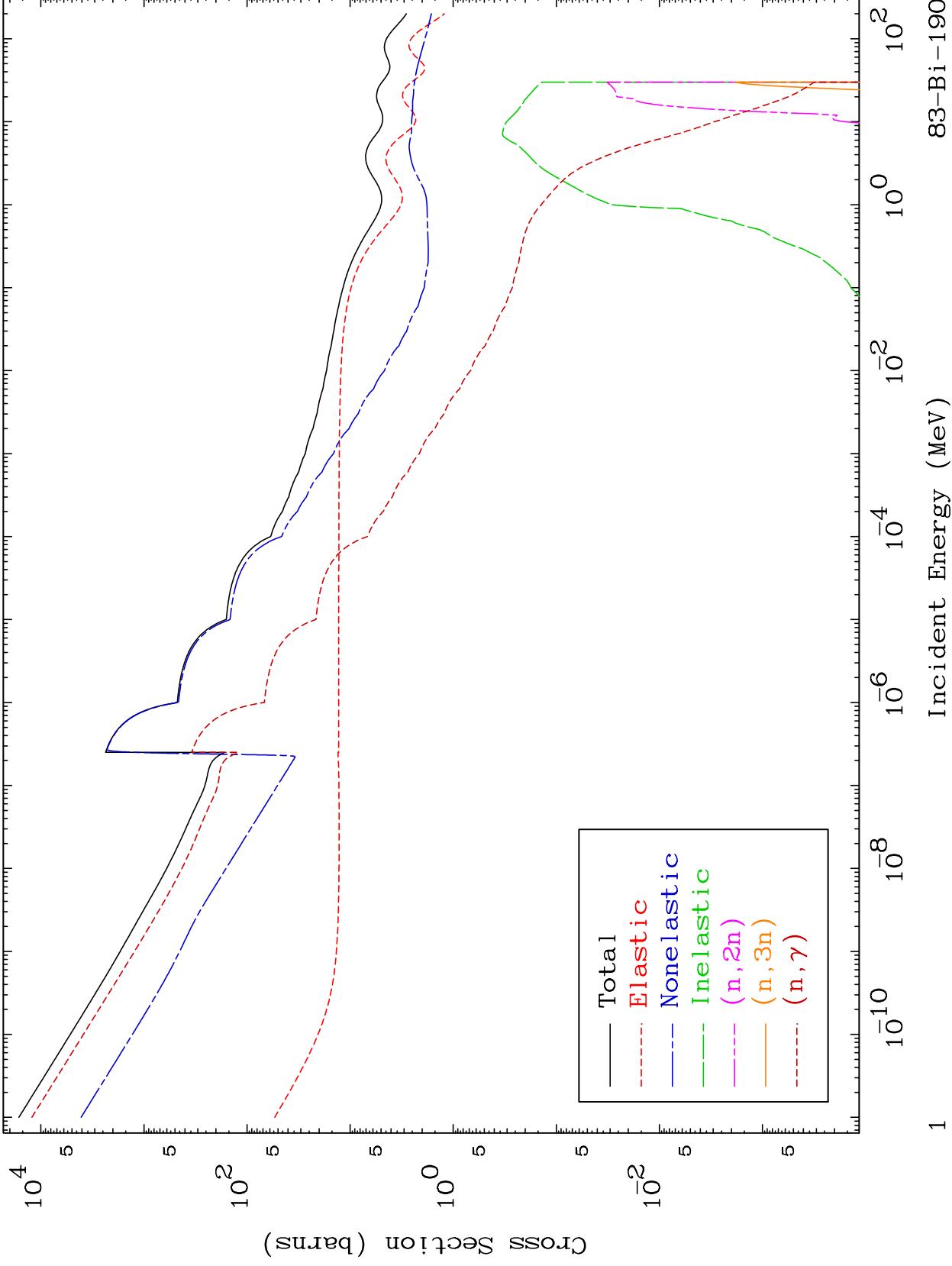
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Press Mouse Button to Start

MAT 8268

Neutron Major  
293 Kelvin Cross Sections

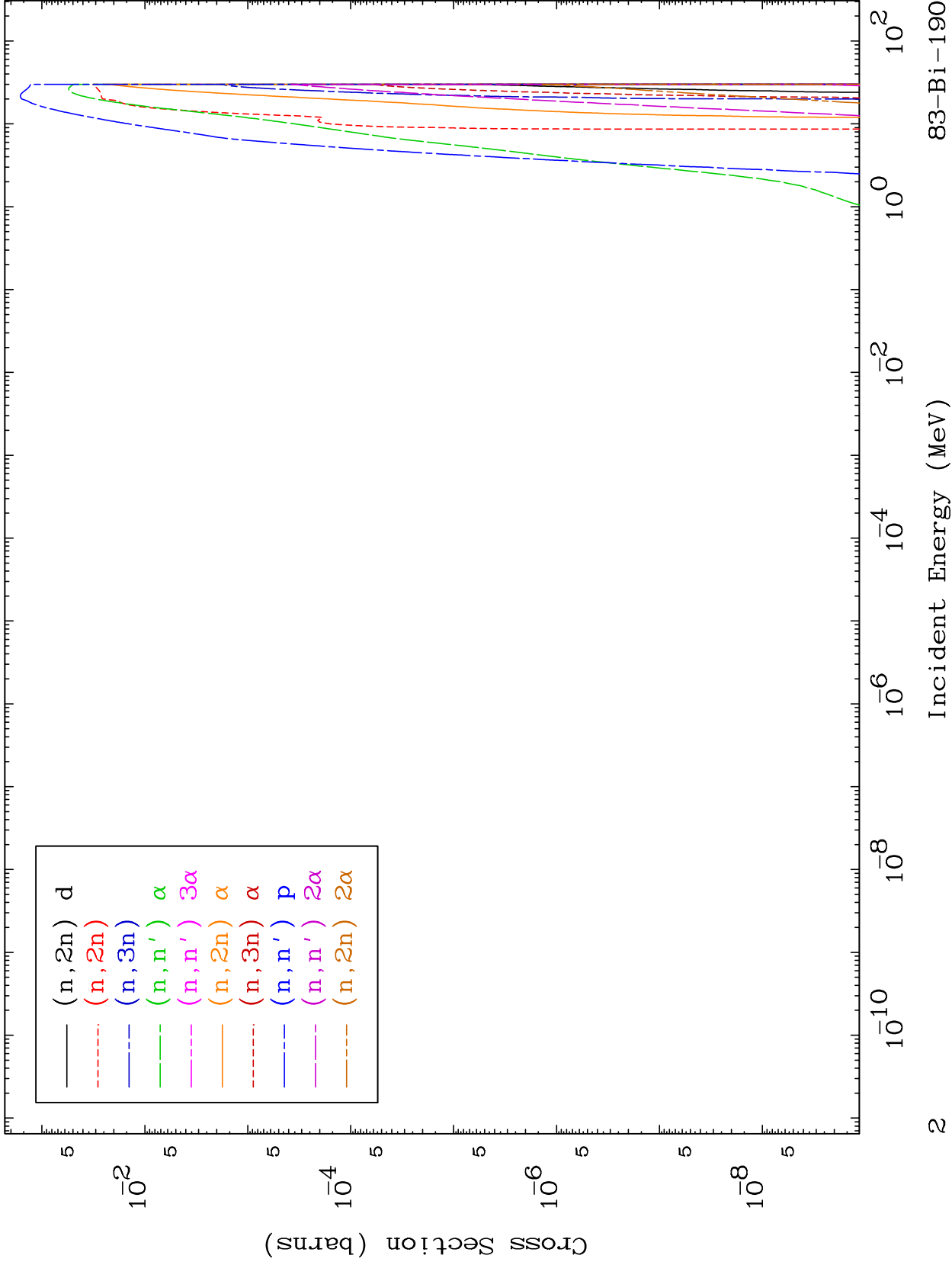
83-Bi-190



MAT 8268

Neutron Absorption  
293 Kelvin Cross Sections

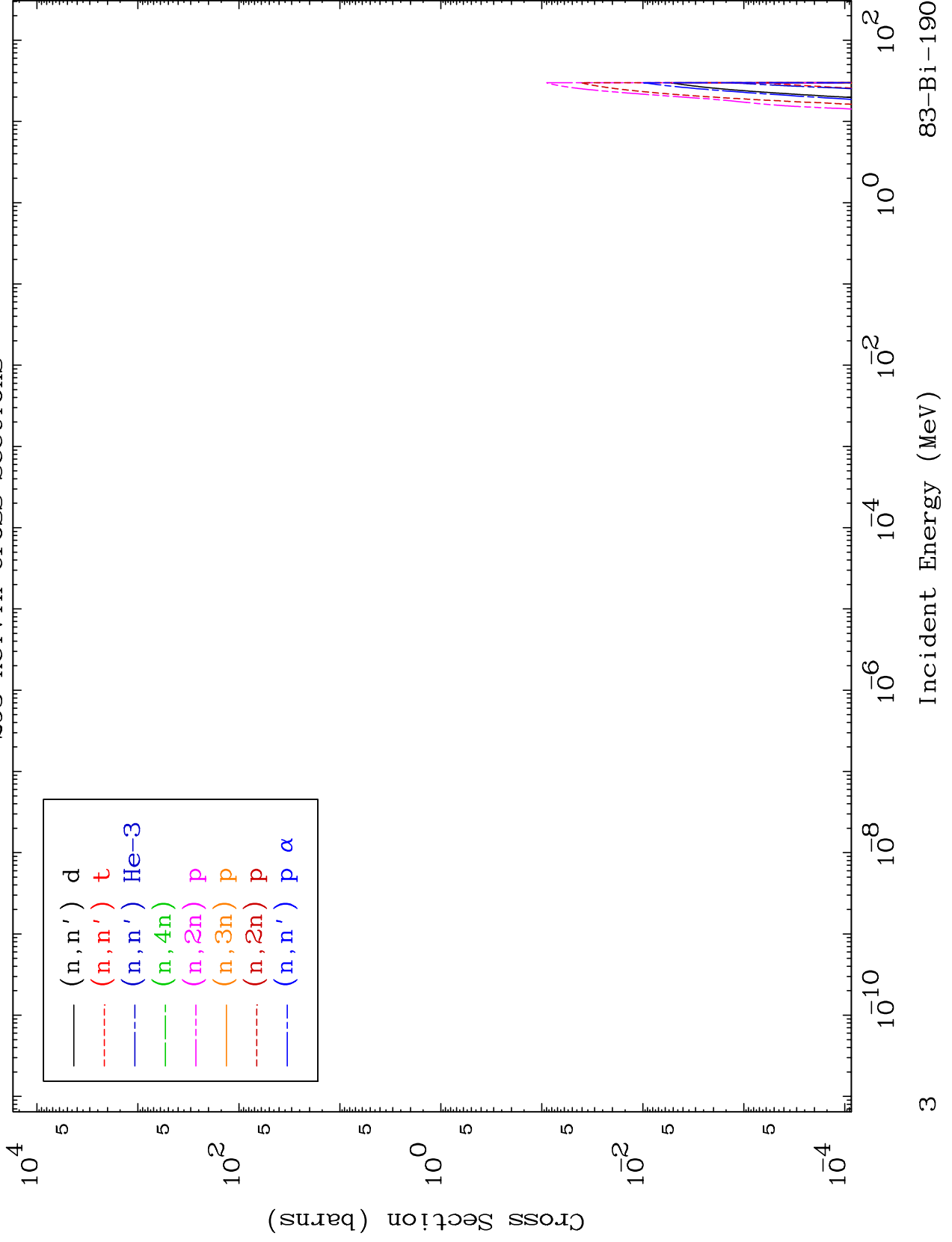
83-Bi-190



MAT 8268

Neutron Absorption  
293 Kelvin Cross Sections

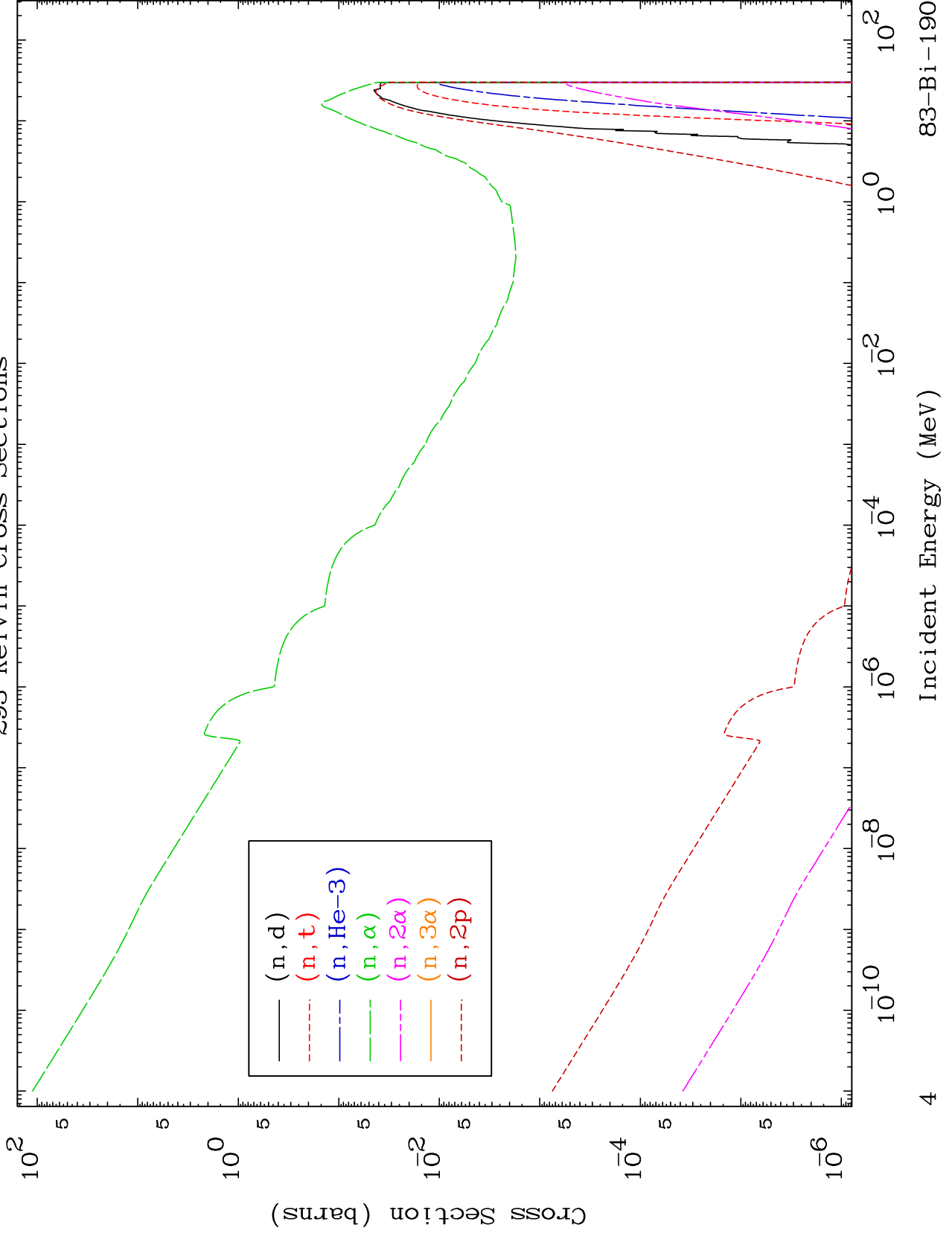
83-Bi-190

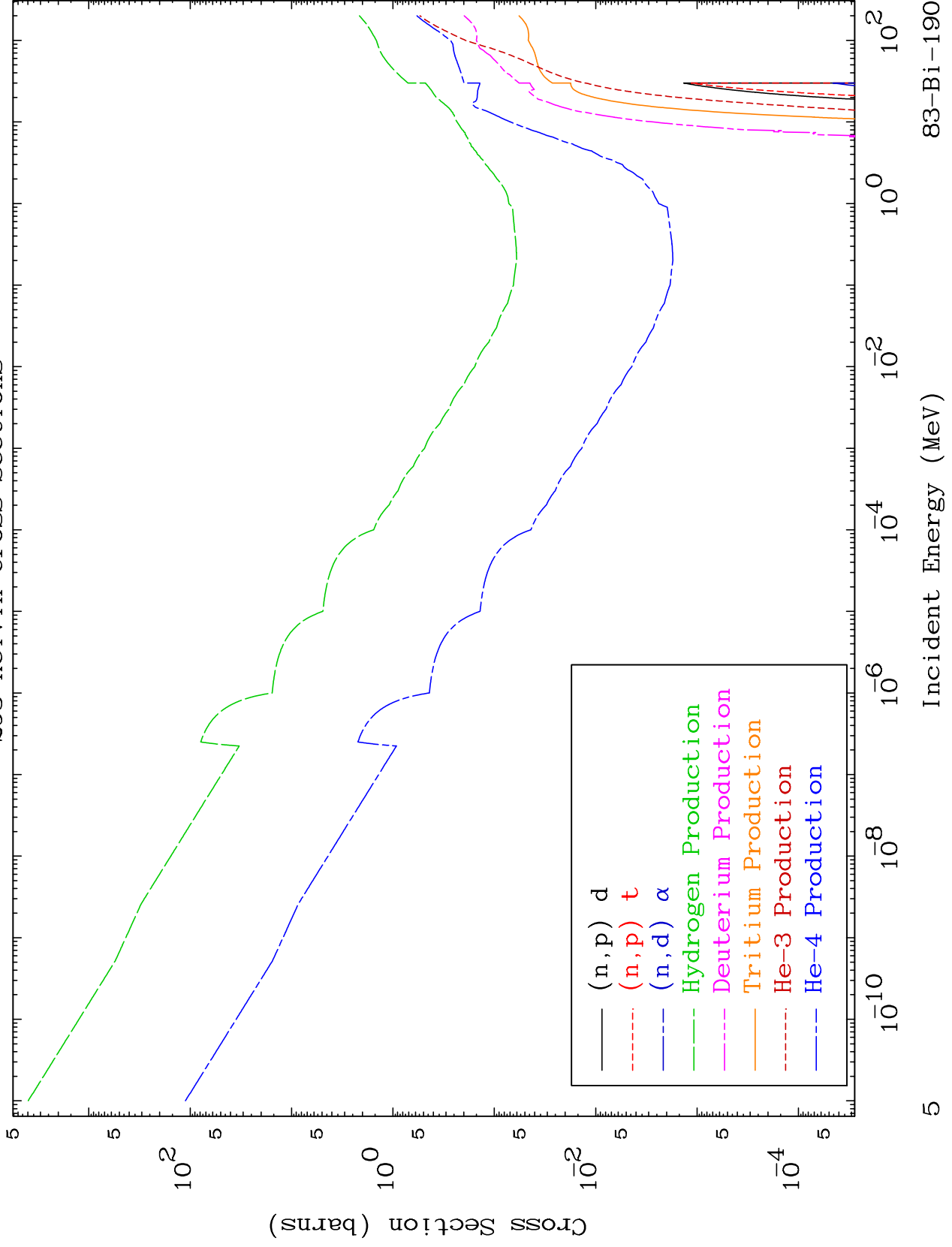


MAT 8268

Neutron Absorption  
293 Kelvin Cross Sections

83-Bi-190

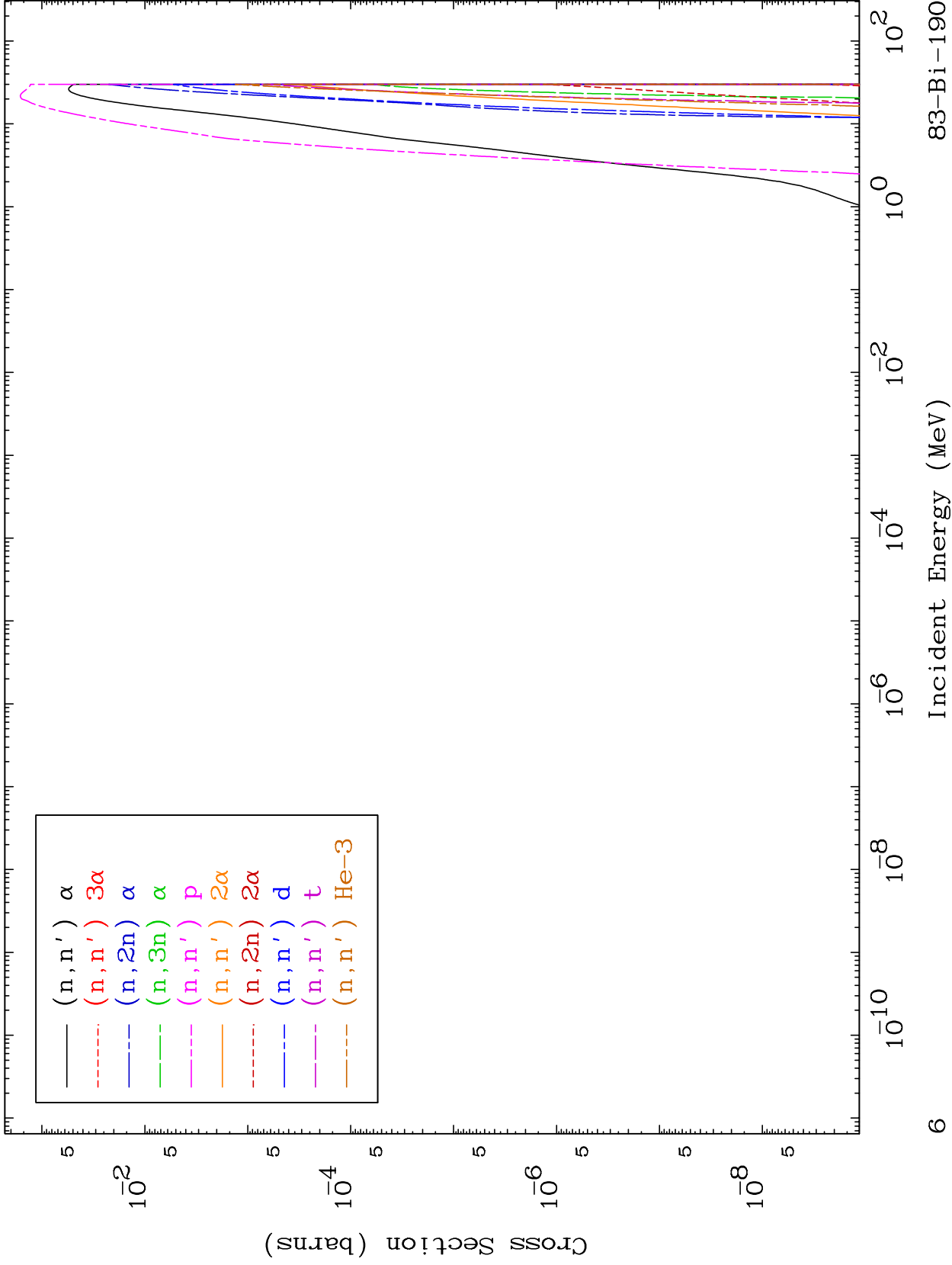




MAT 8268

Charged Particle  
293 Kelvin Cross Sections

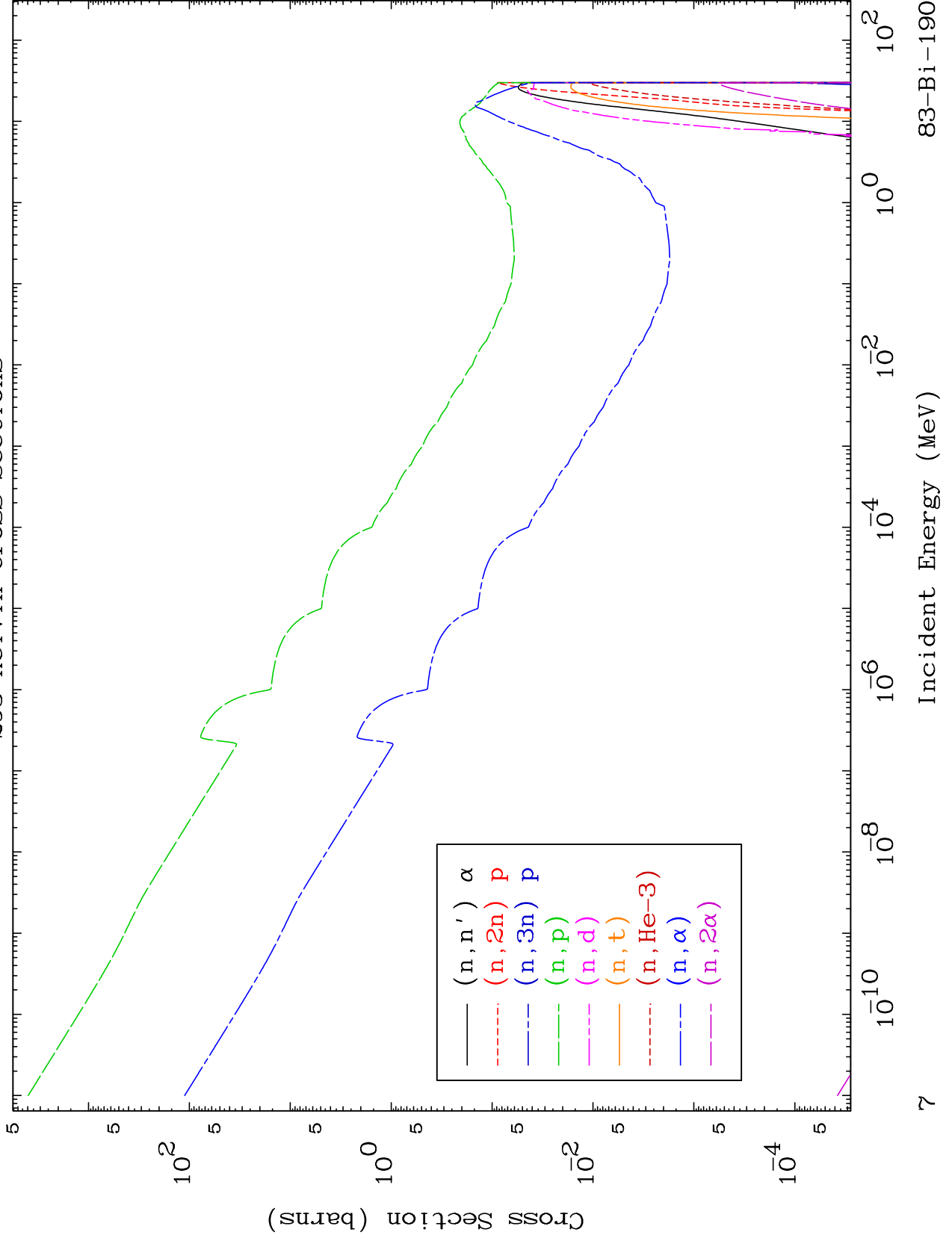
83-Bi-190



MAT 8268

Charged Particle  
293 Kelvin Cross Sections

83-Bi-190

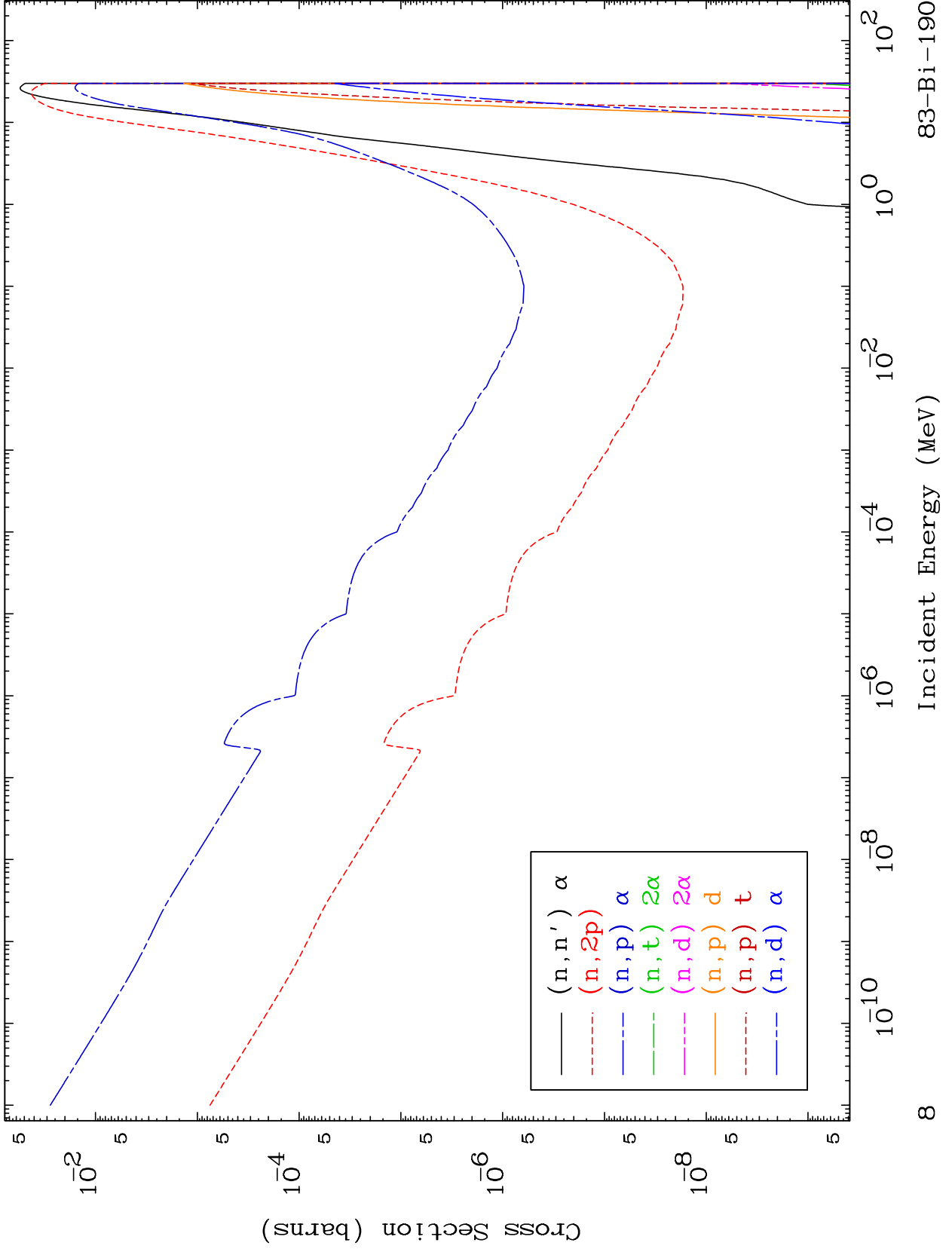


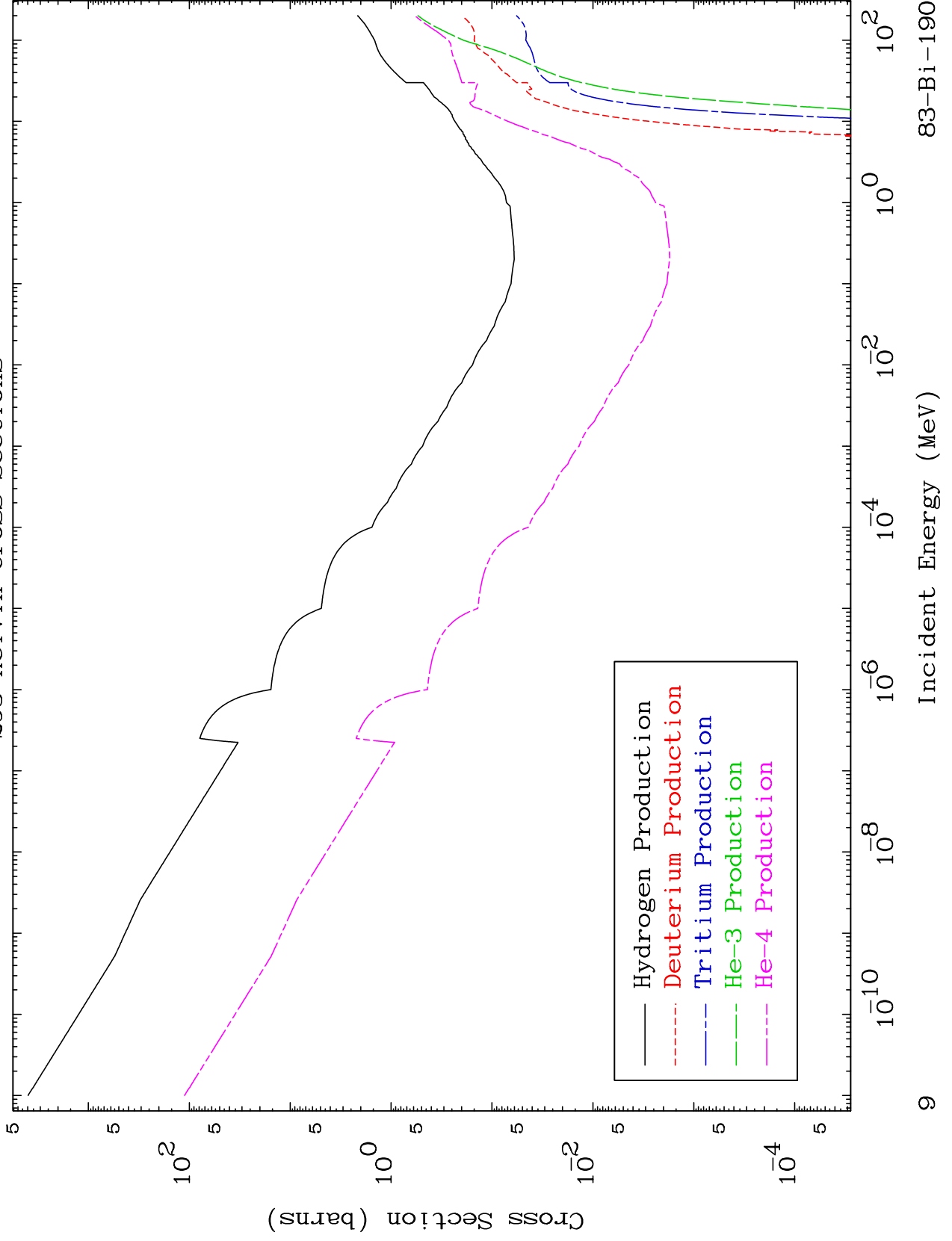


MAT 8268

Charged Particle  
293 Kelvin Cross Sections

83-Bi-190

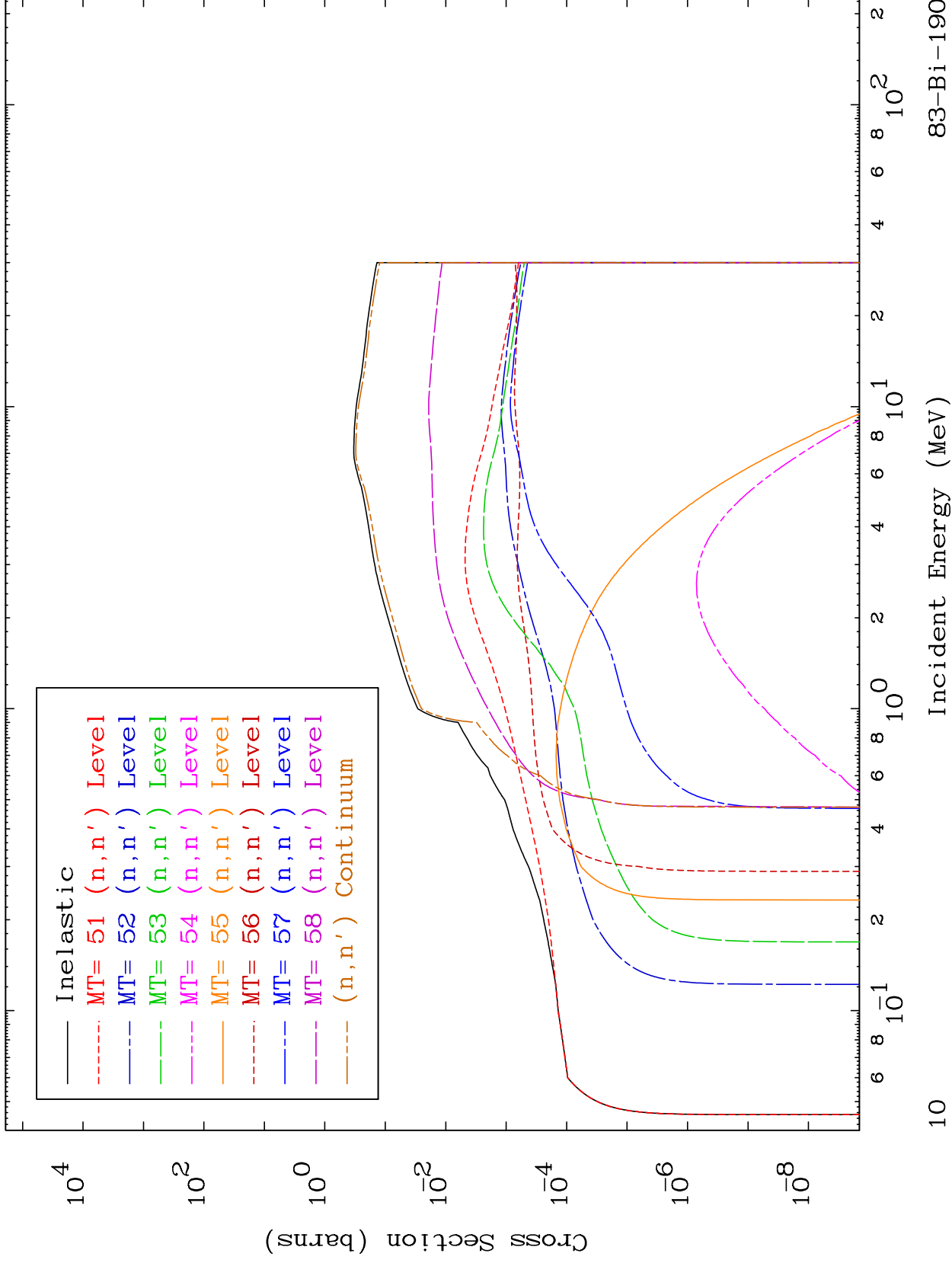




MAT 8268

(n,n') Levels  
293 Kelvin Cross Sections

83-Bi-190



10

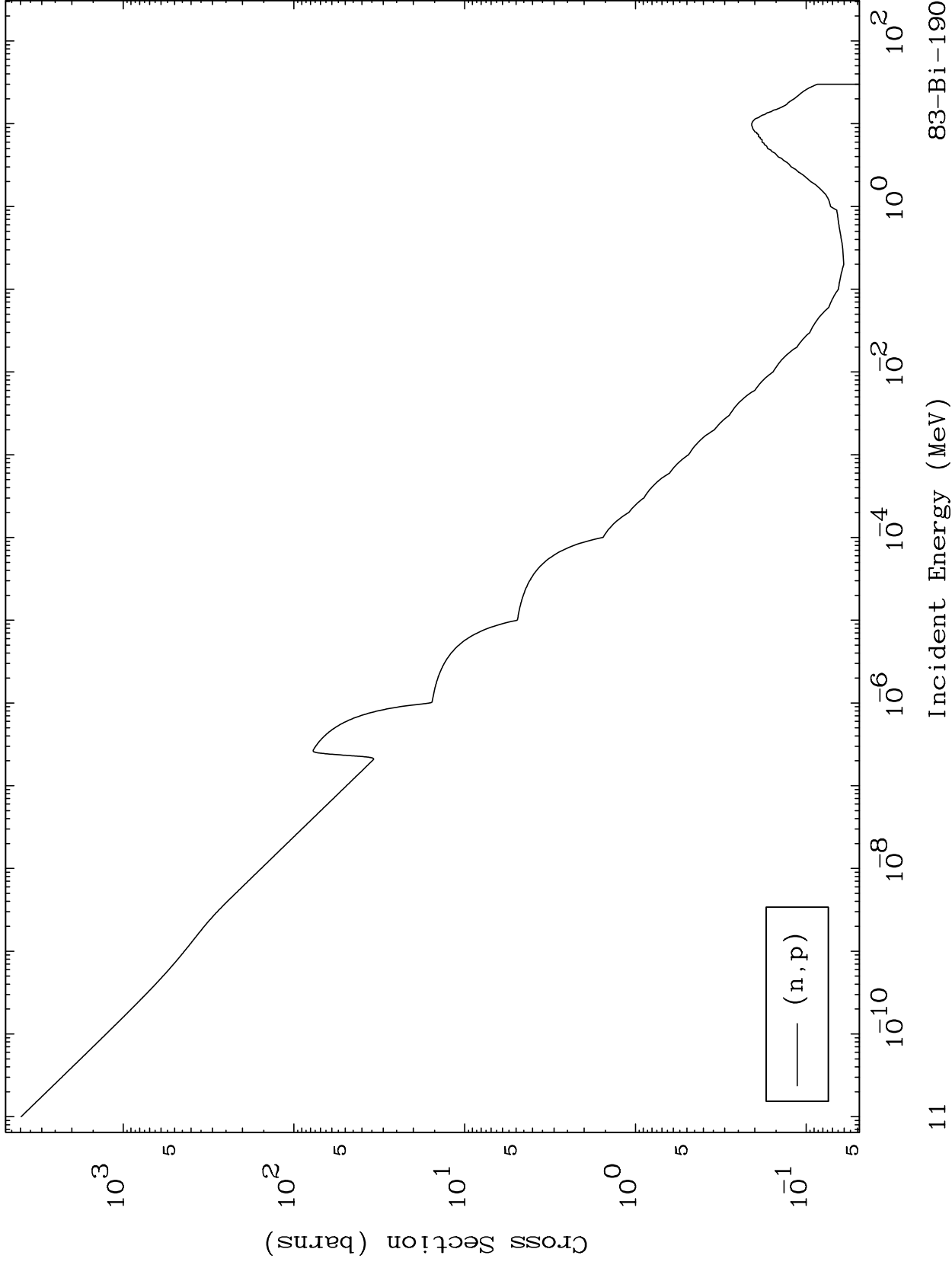
Incident Energy (MeV)

83-Bi-190

MAT 8268

(n,p) Levels  
293 Kelvin Cross Sections

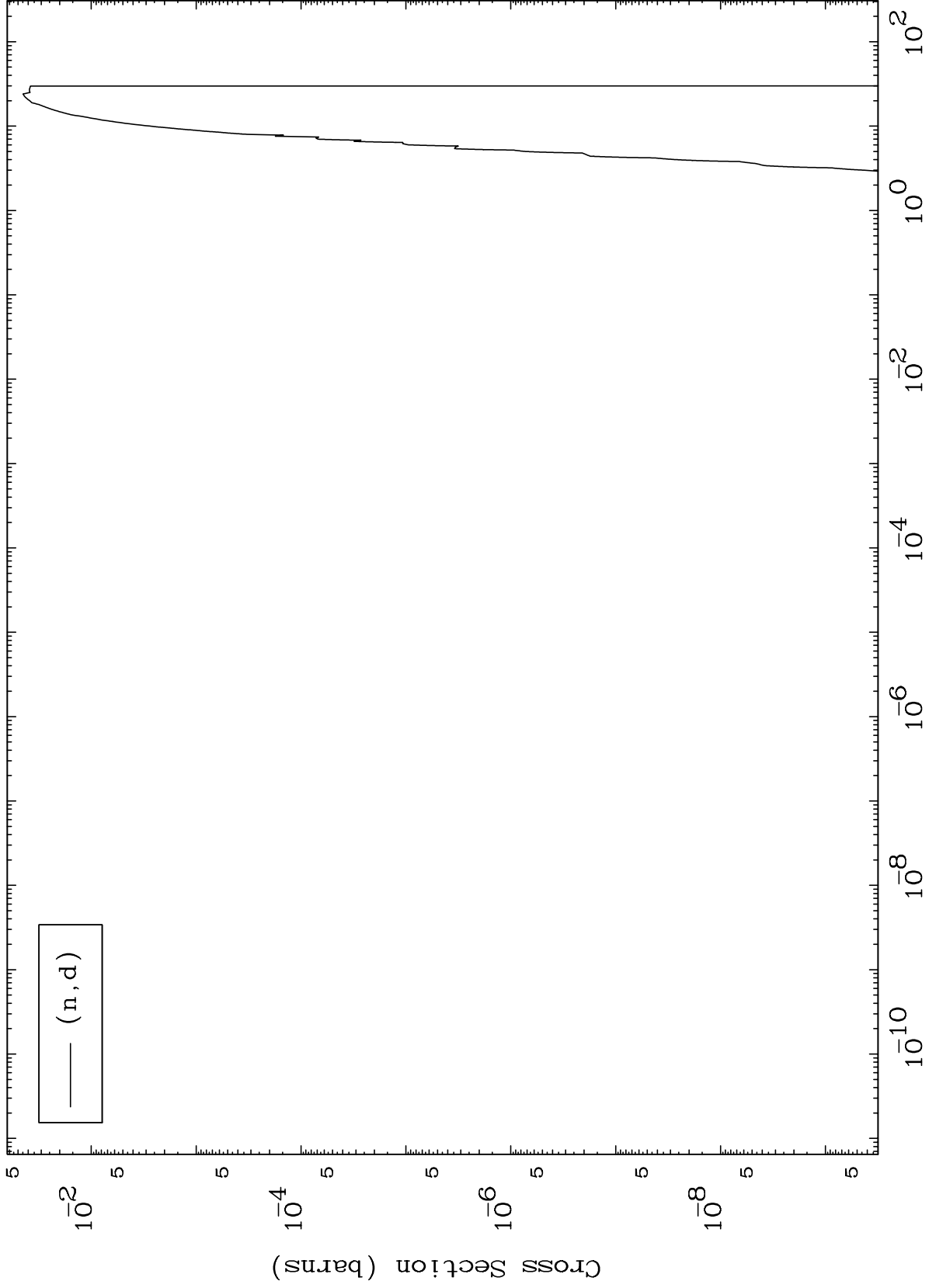
83-Bi-190



MAT 8268

(n,d) Levels  
293 Kelvin Cross Sections

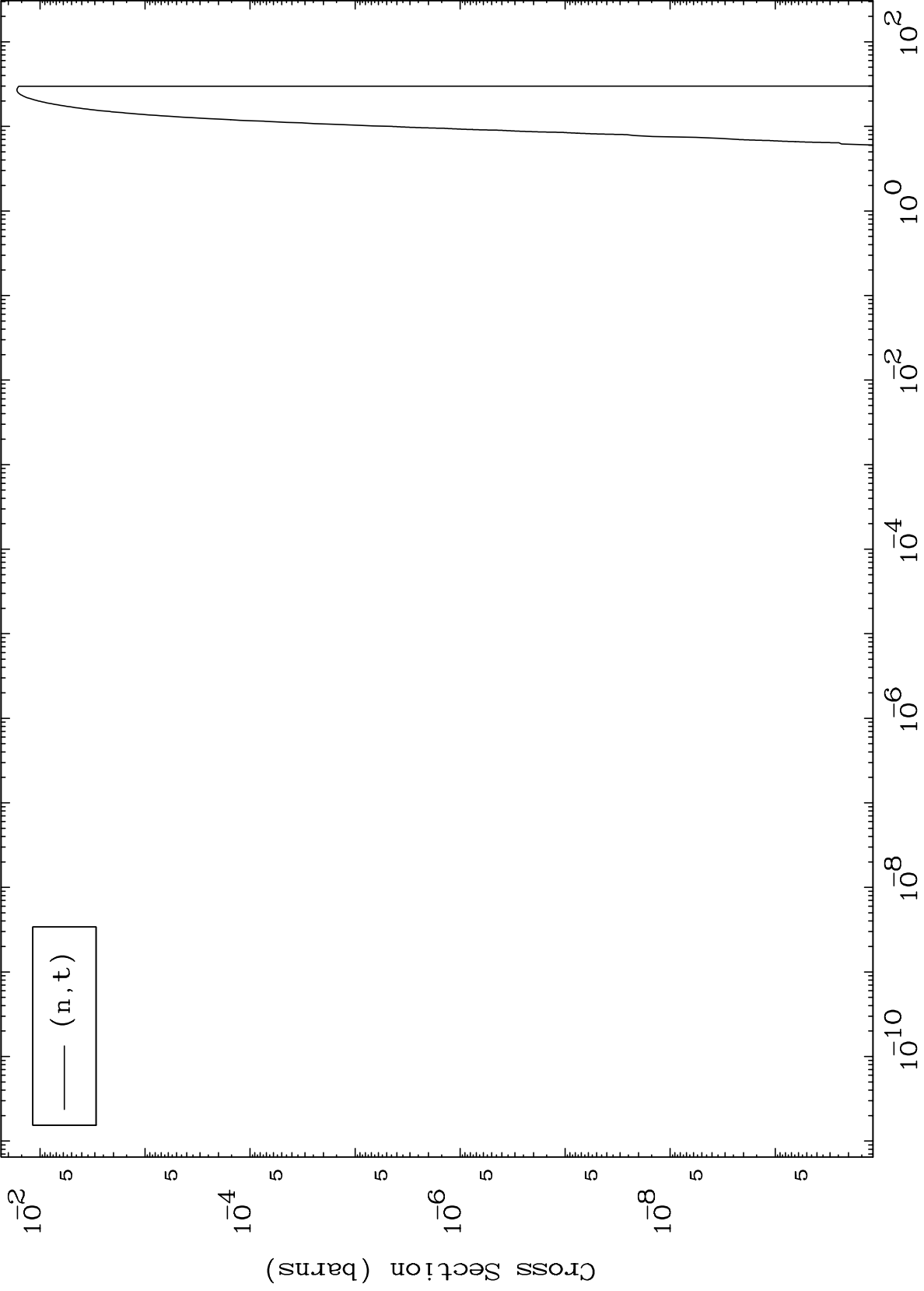
83-Bi-190



MAT 8268

(n,t) Levels  
293 Kelvin Cross Sections

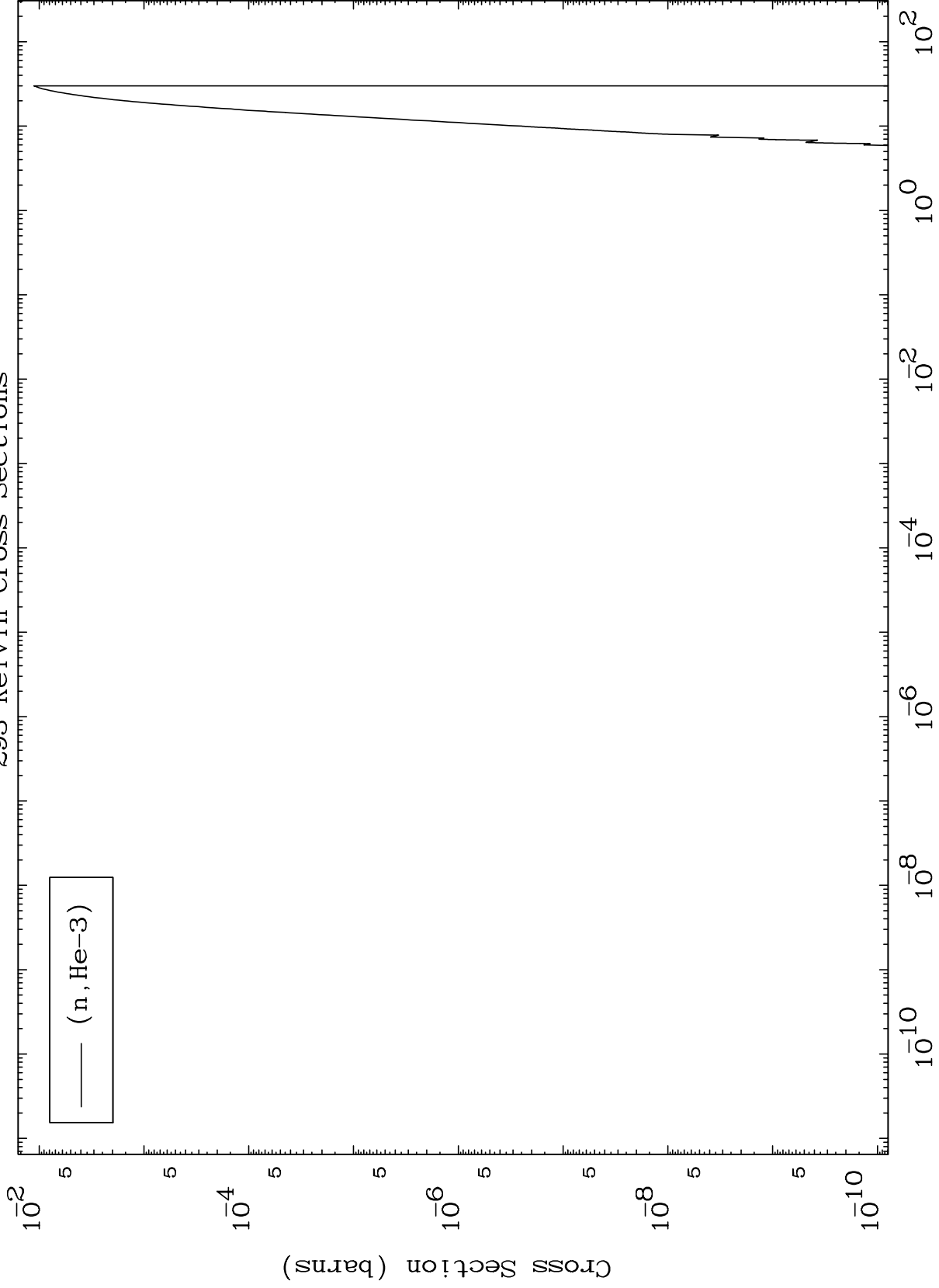
83-Bi-190



MAT 8268

(n,He3) Levels  
293 Kelvin Cross Sections

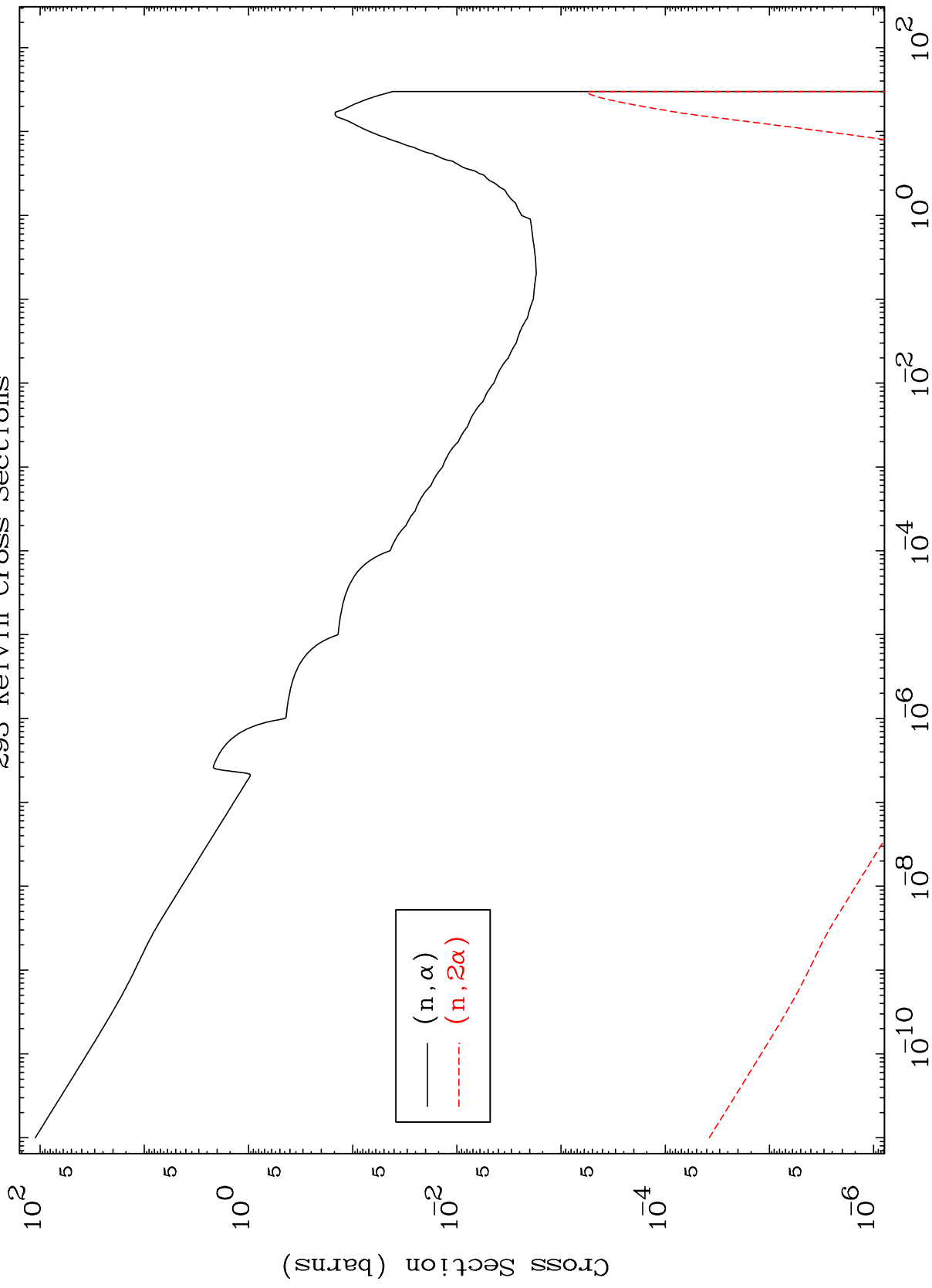
83-Bi-190



MAT 8268

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

83-Bi-190



15

Incident Energy (MeV)

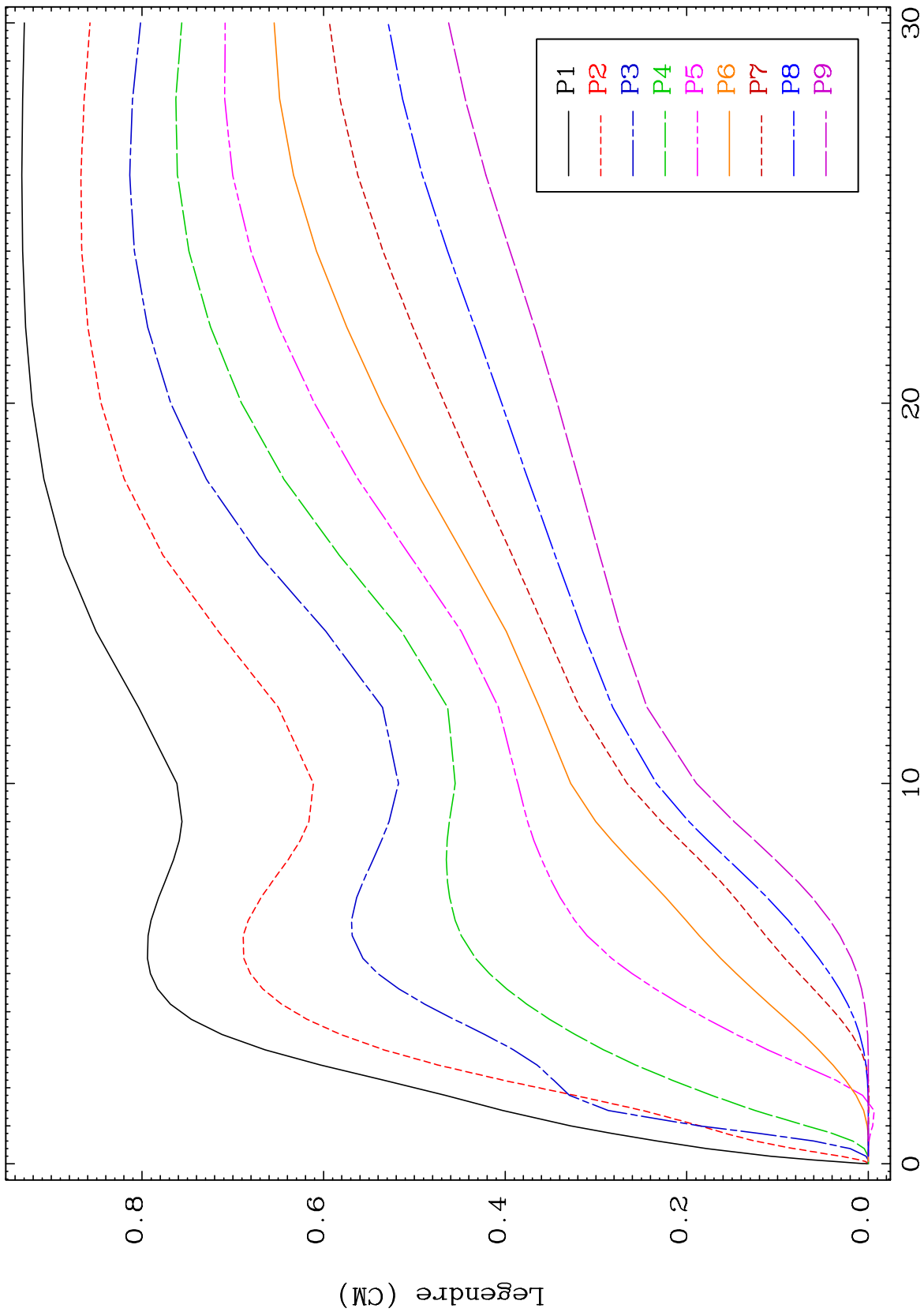
83-Bi-190



MAT 8268

83-Bi-190

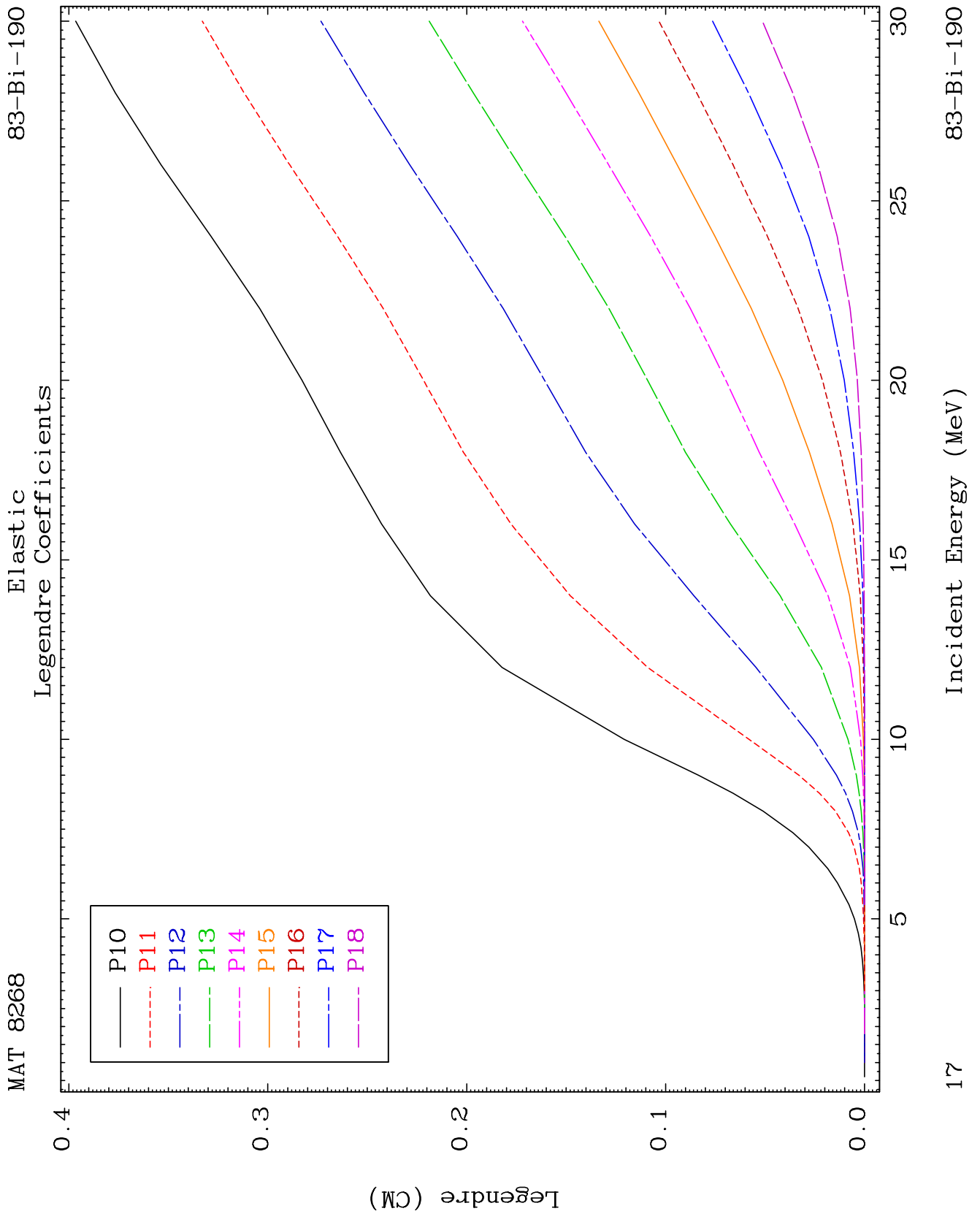
Elastic Legendre Coefficients



16

Incident Energy (MeV)

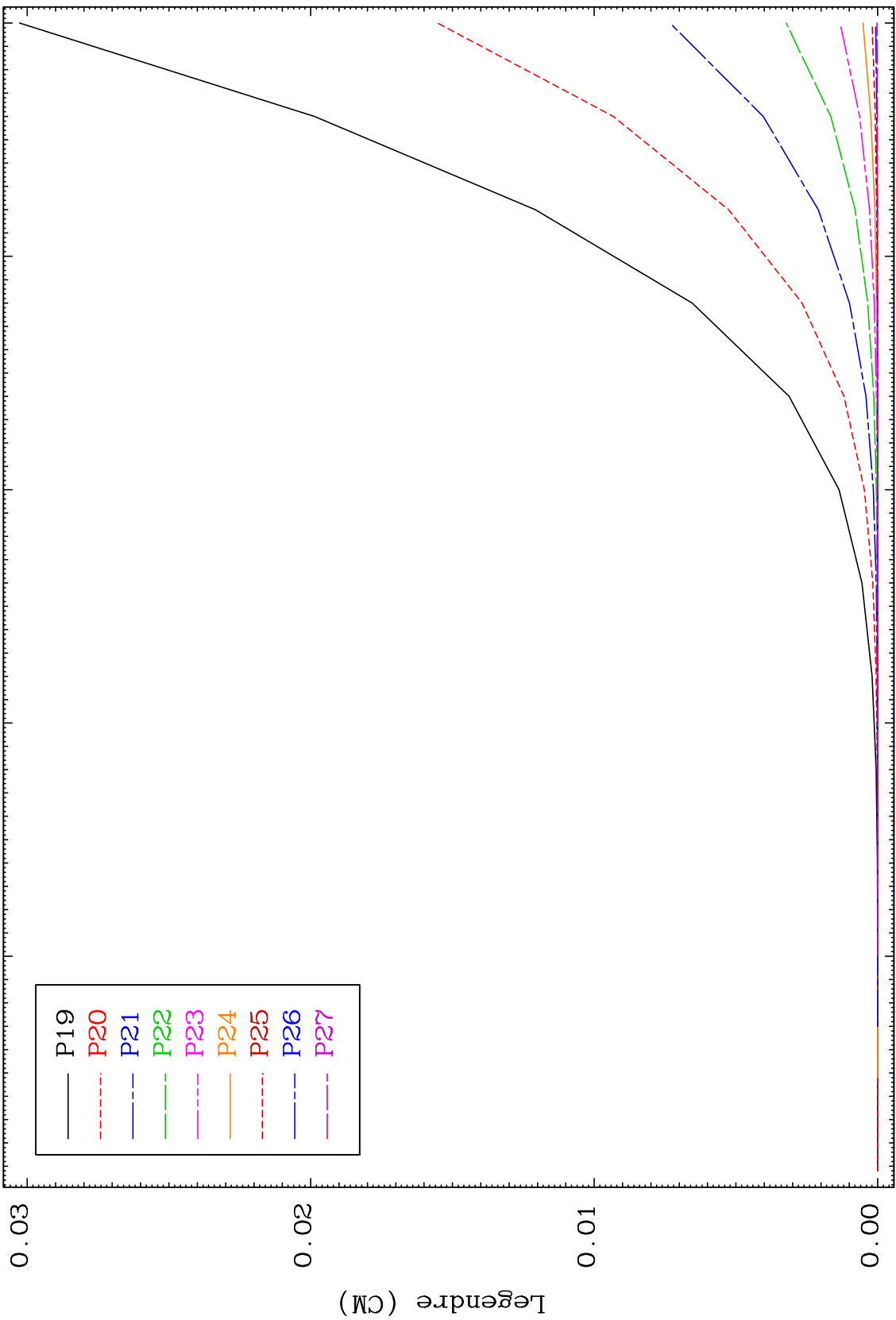
83-Bi-190



MAT 8268

Elastic Legendre Coefficients

83-Bi-190



18

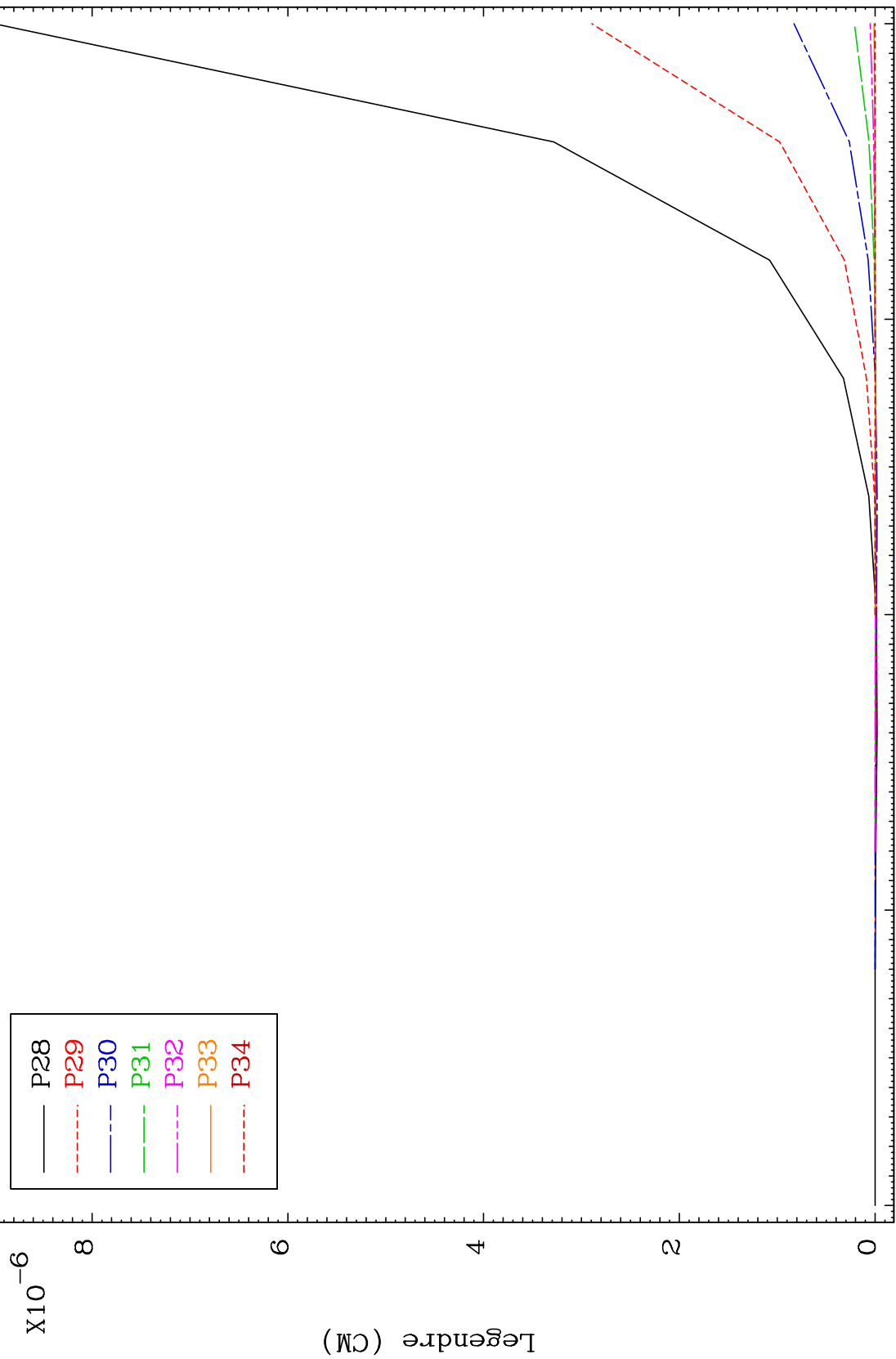
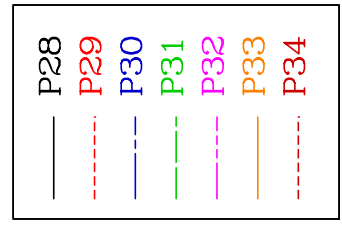
Incident Energy (MeV)

83-Bi-190

MAT 8268

Elastic  
Legendre Coefficients

83-Bi-190



83-Bi-190

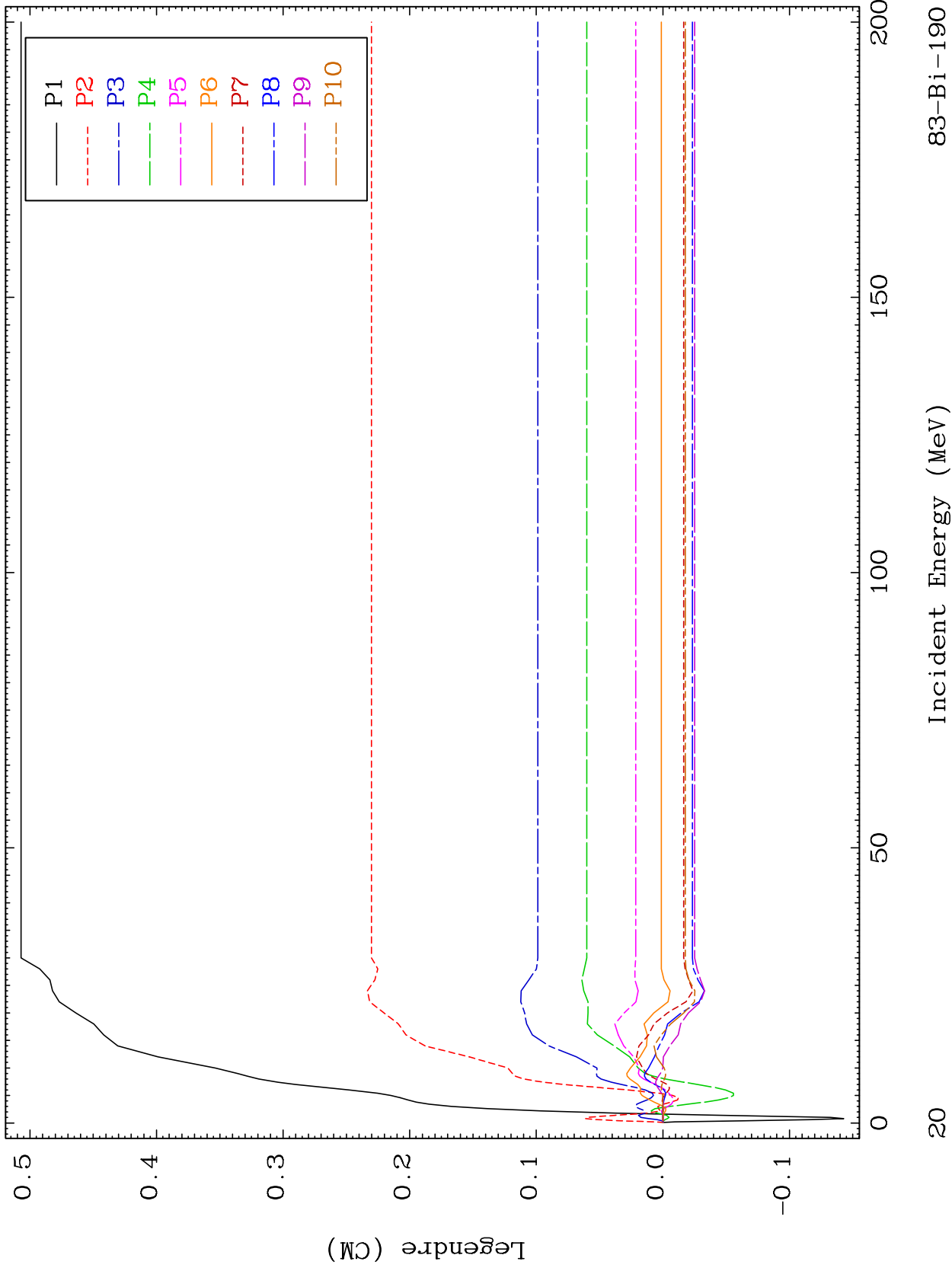
Incident Energy (MeV)

19

MAT 8268

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

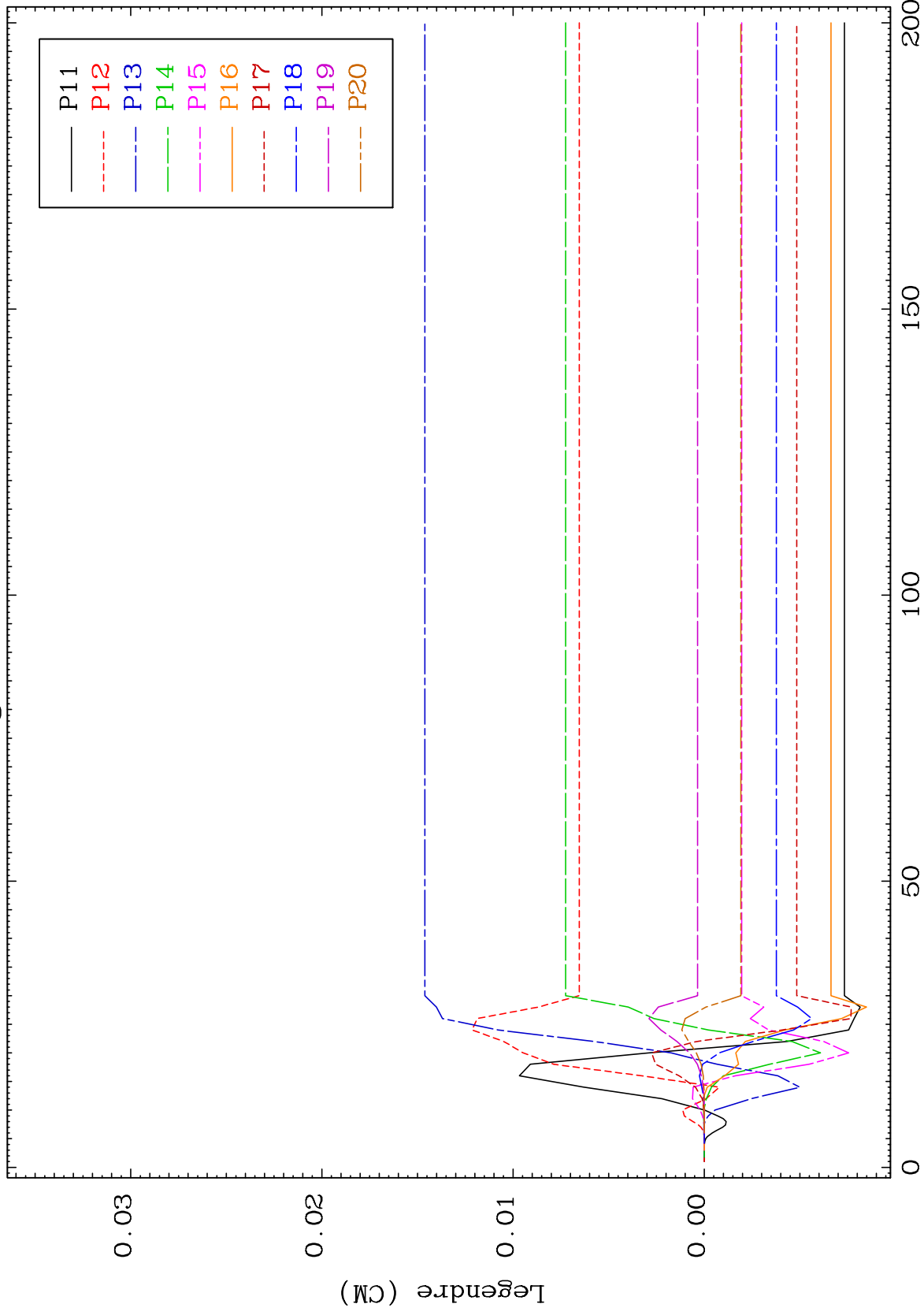
83-Bi-190



MAT 8268

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

83-Bi-190



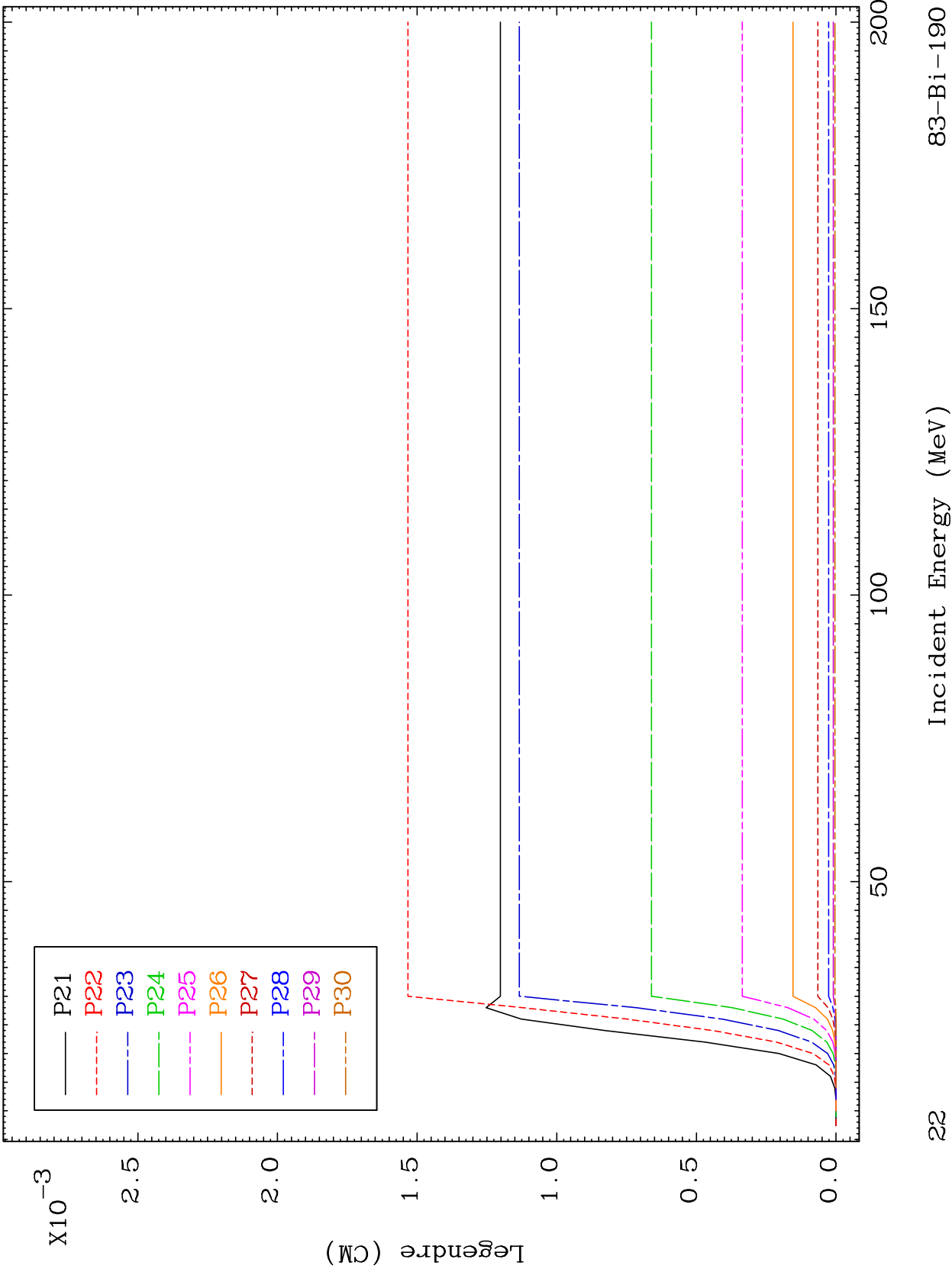
21

83-Bi-190

MAT 8268

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

83-Bi-190



22

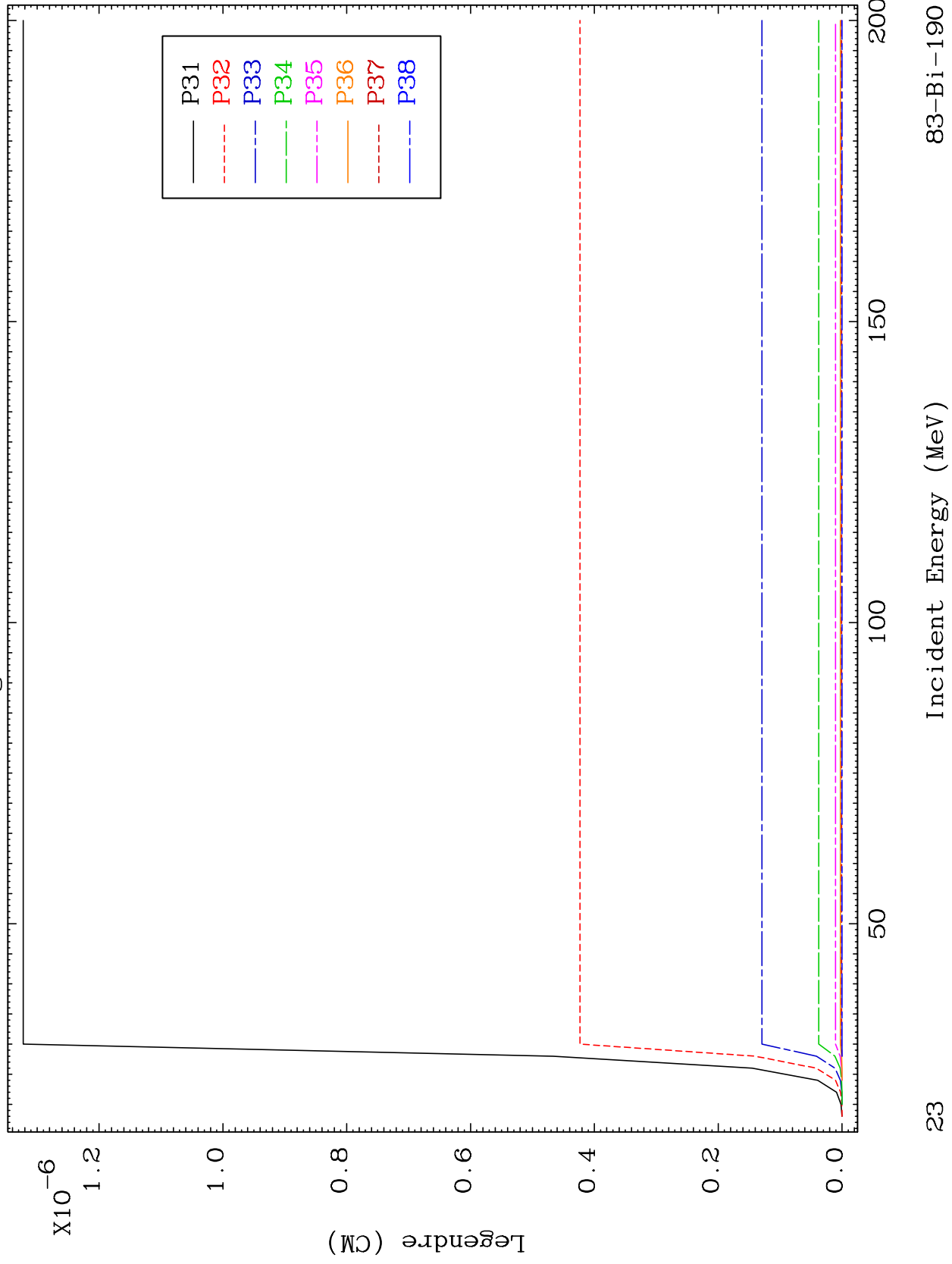
Incident Energy (MeV)

83-Bi-190

MAT 8268

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

83-Bi-190



23

Incident Energy (MeV)

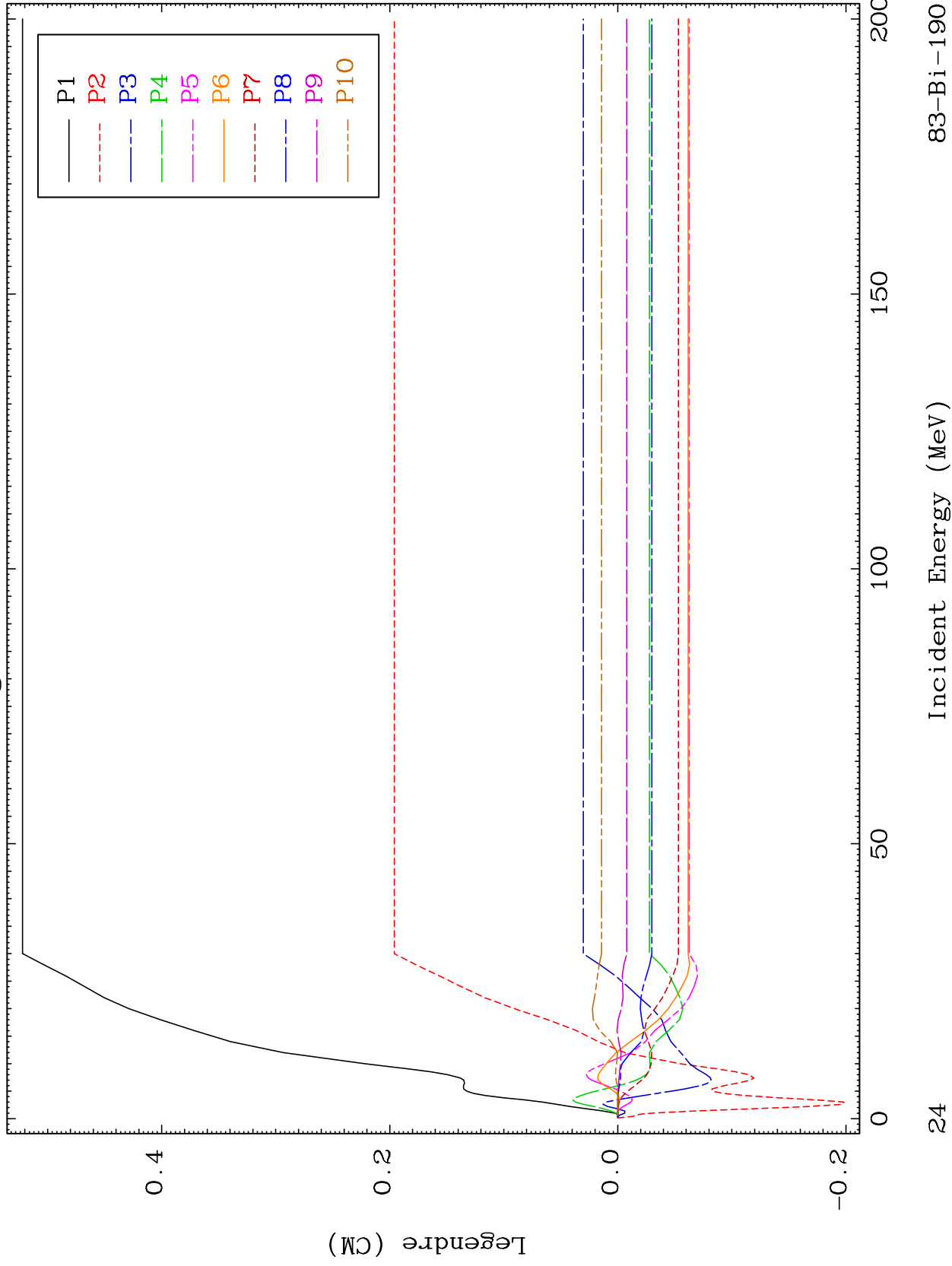
83-Bi-190



MAT 8268

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

83-Bi-190

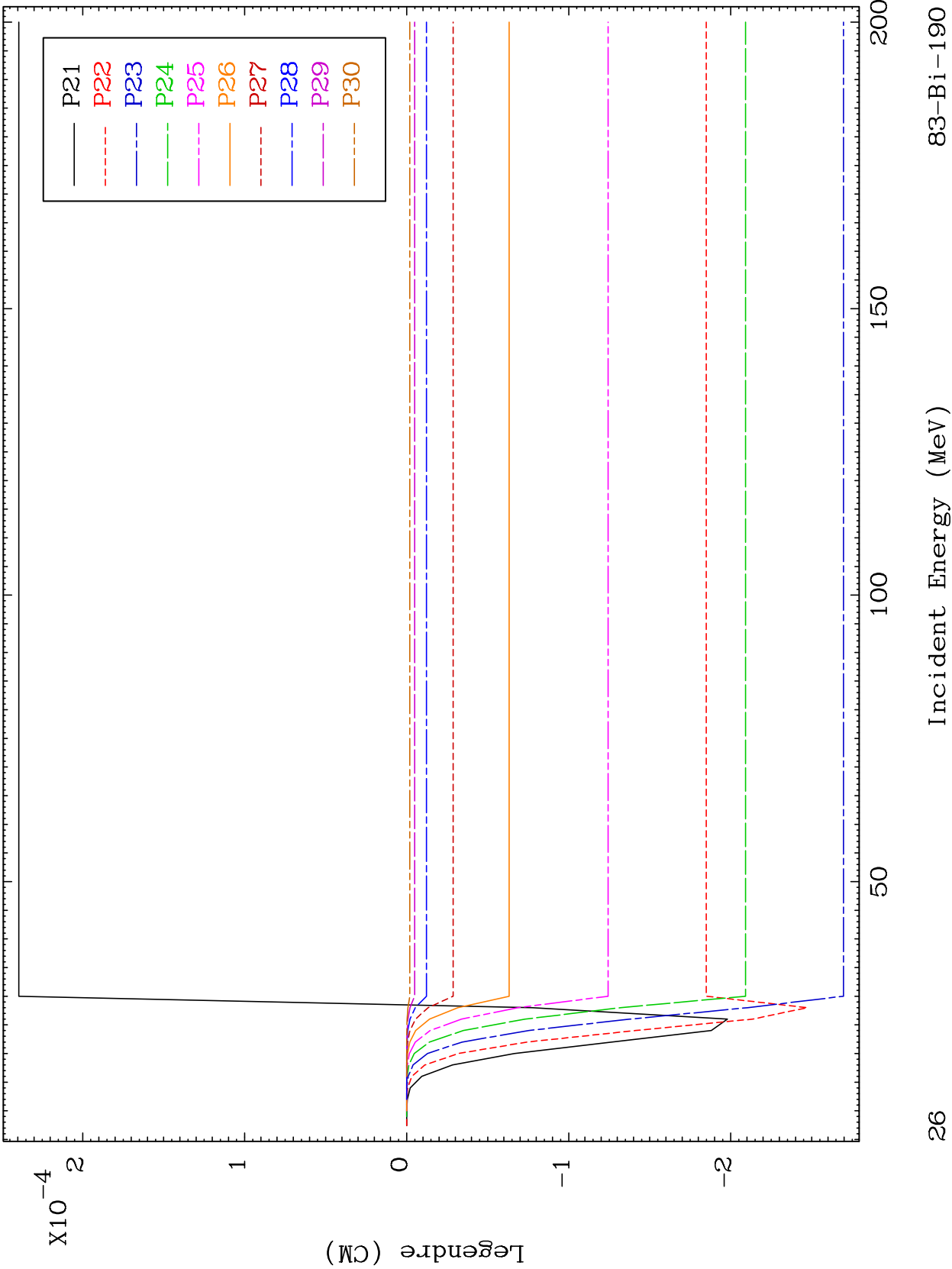




MAT 8268

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

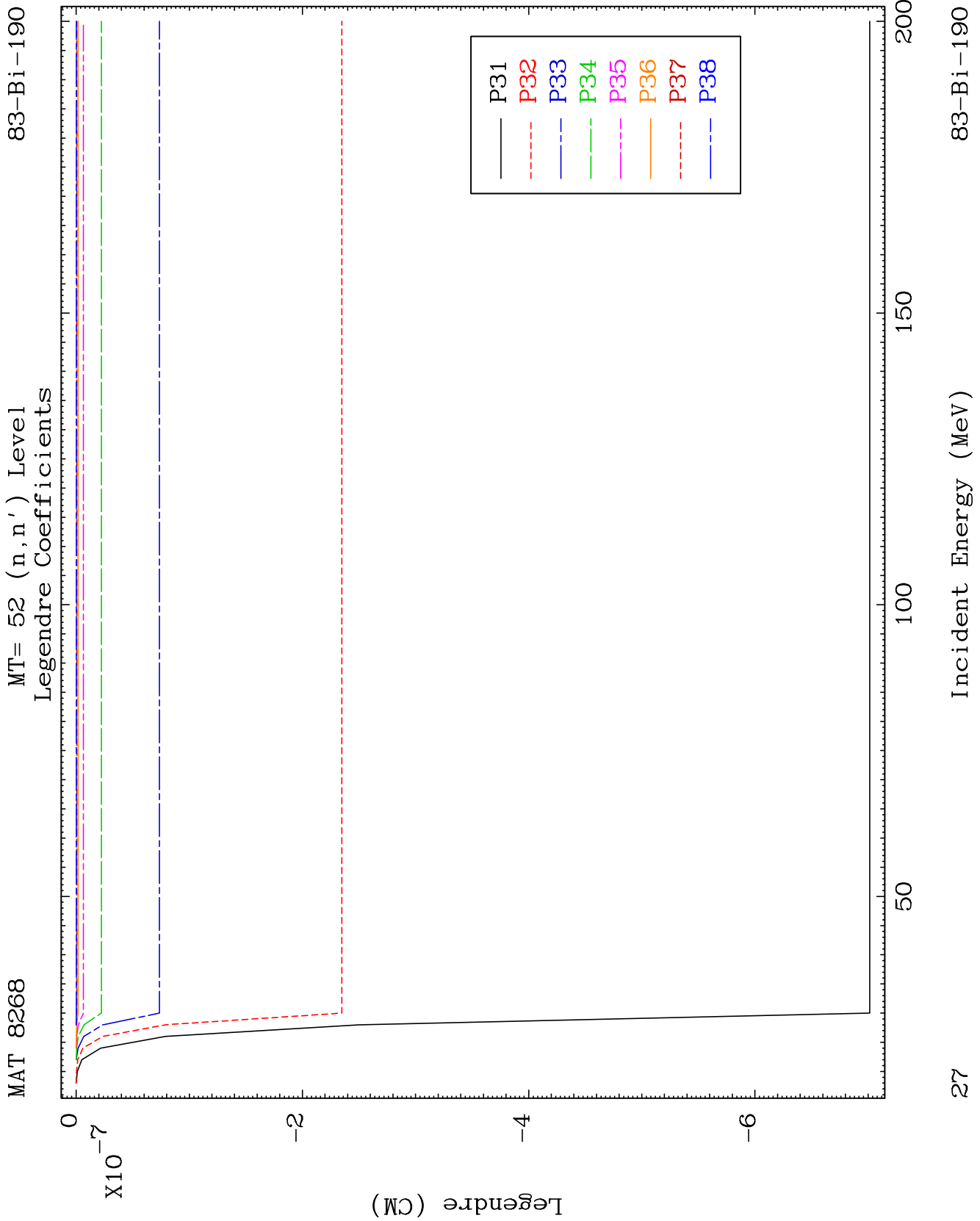
83-Bi-190



26

Incident Energy (MeV)

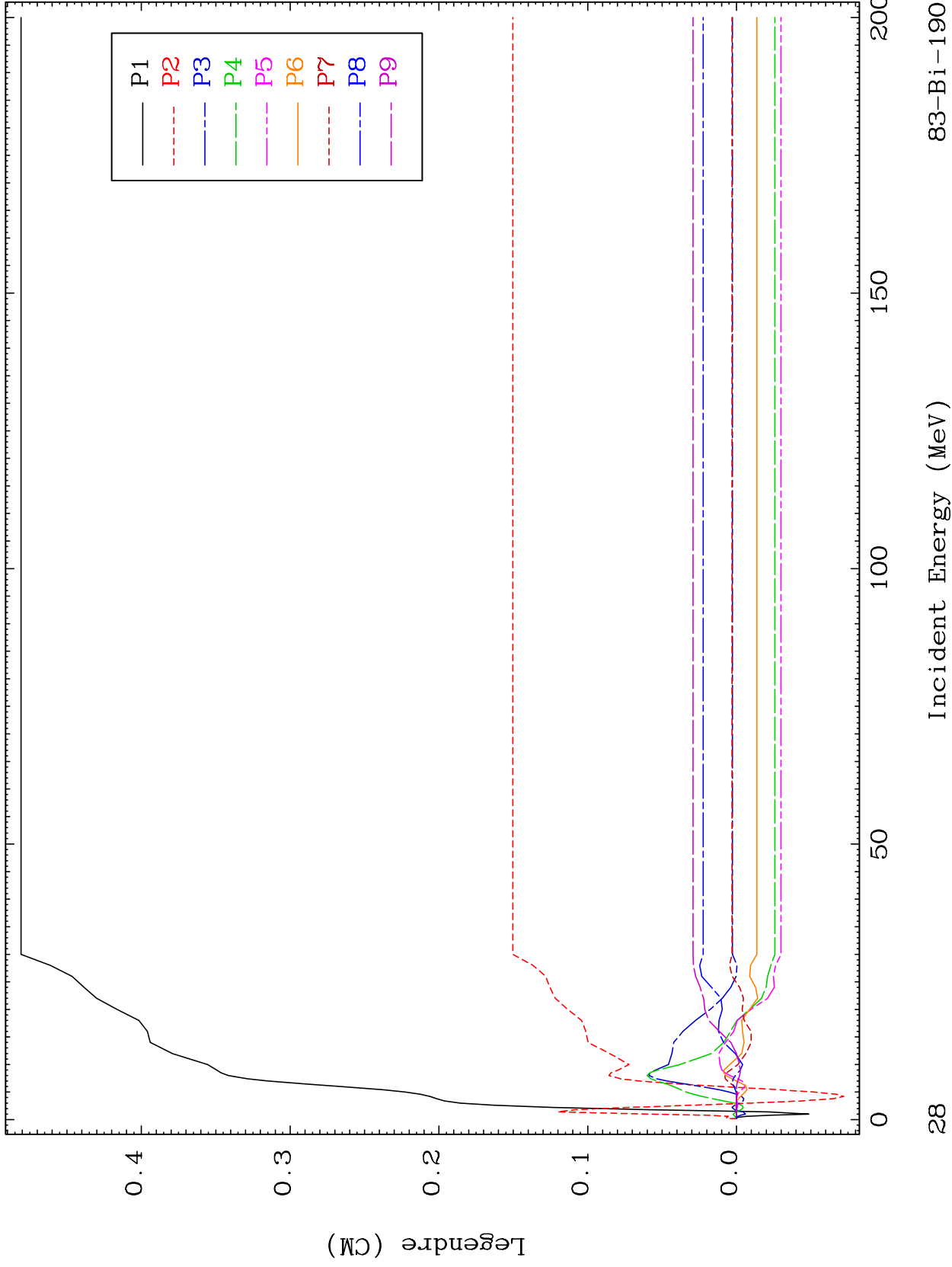
83-Bi-190



MAT 8268

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

83-Bi-190



83-Bi-190

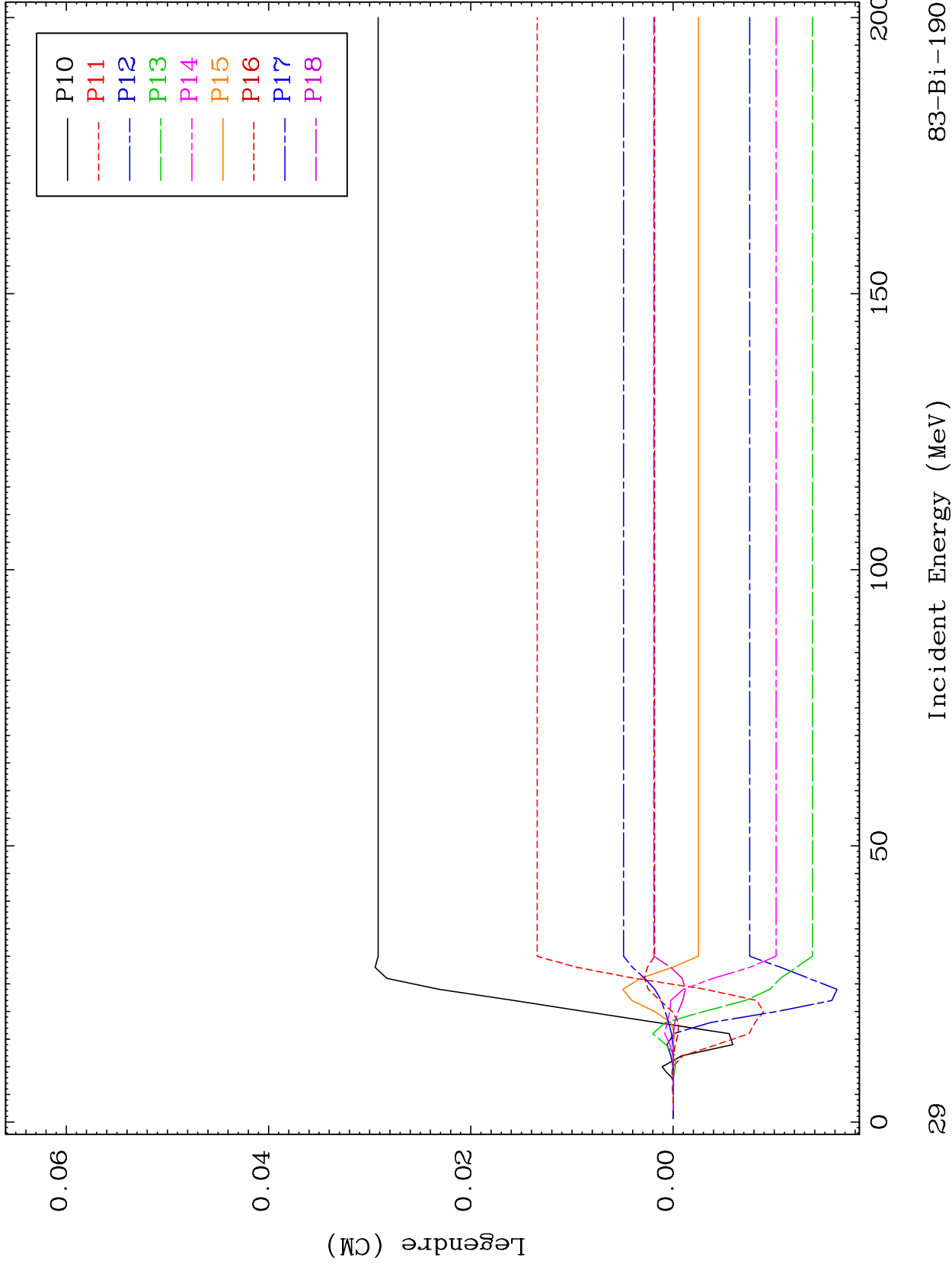
Incident Energy (MeV)

28

MAT 8268

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

83-Bi-190



83-Bi-190

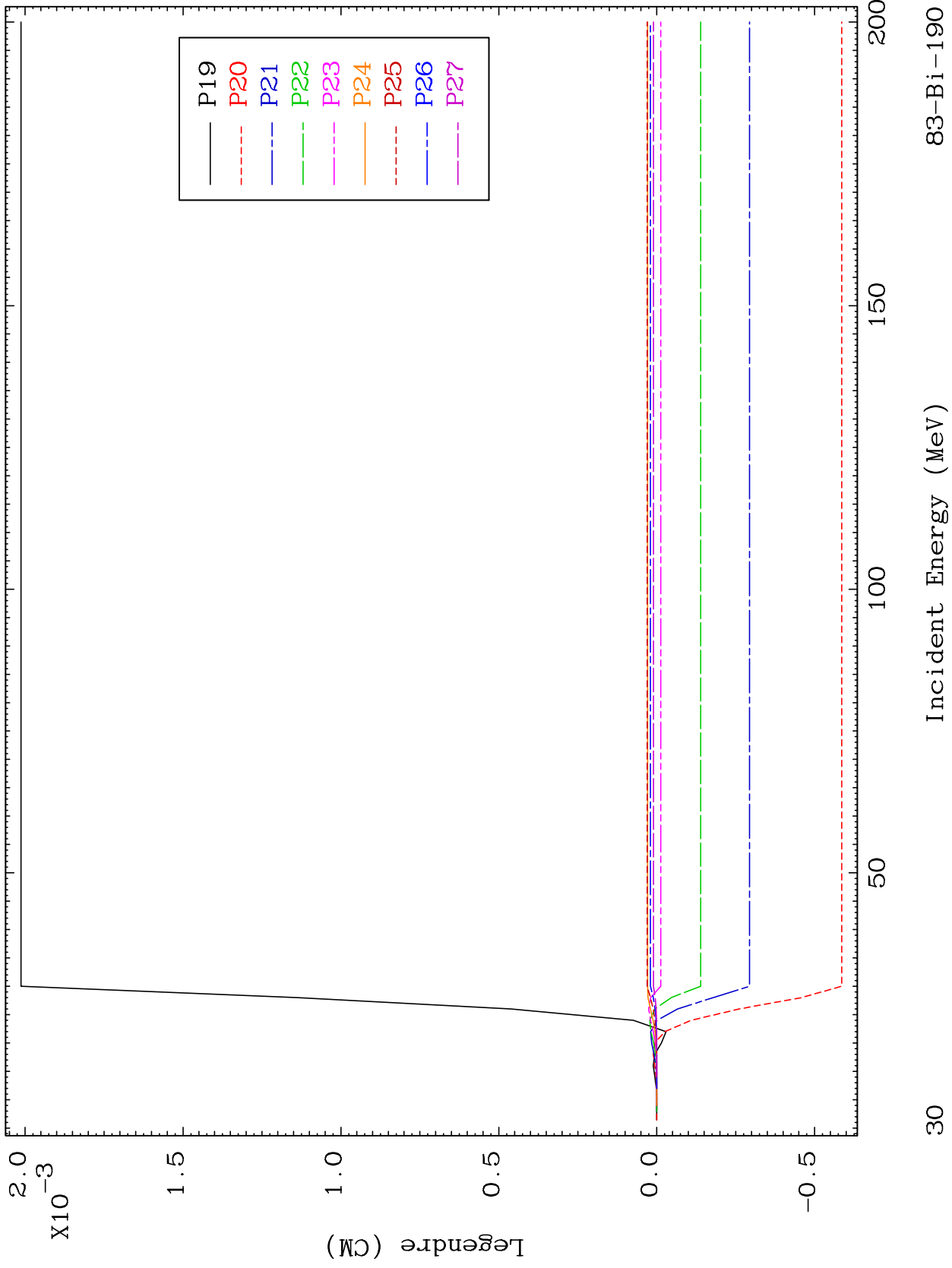
Incident Energy (MeV)

29

MAT 8268

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

83-Bi-190



30

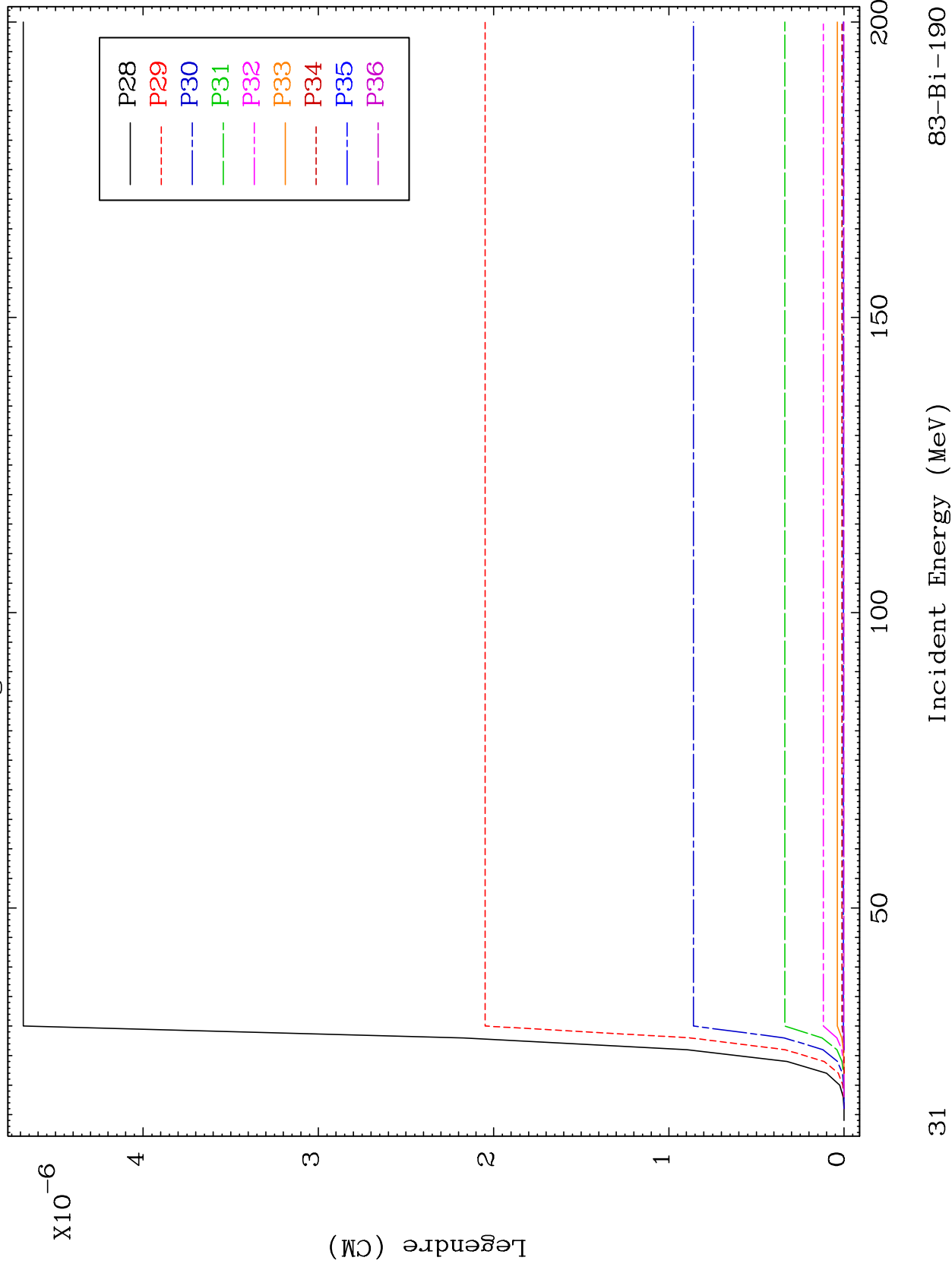
Incident Energy (MeV)

83-Bi-190

MAT 8268

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

83-Bi-190



31

Incident Energy (MeV)

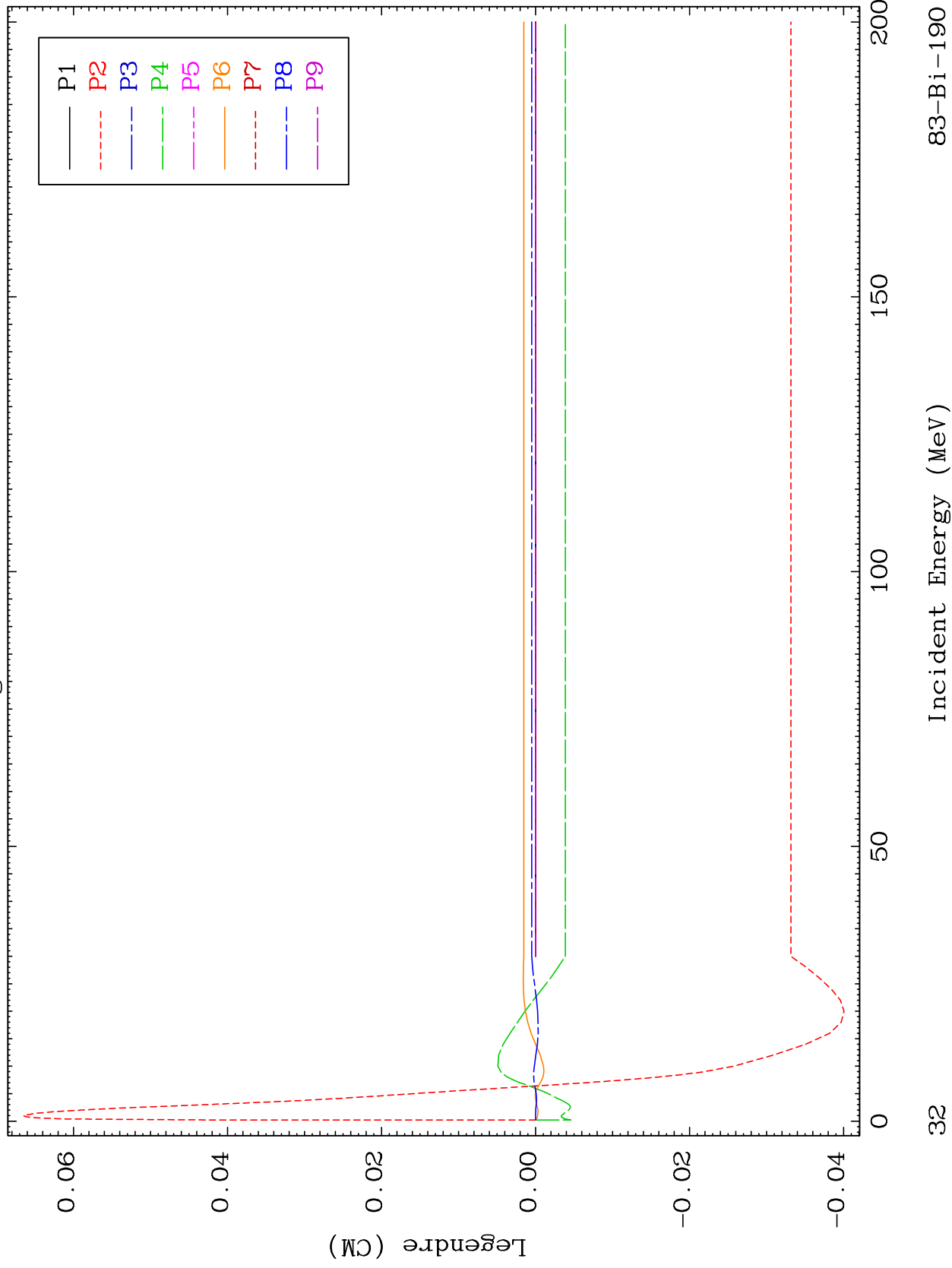
83-Bi-190



MAT 8268

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

83-Bi-190



83-Bi-190

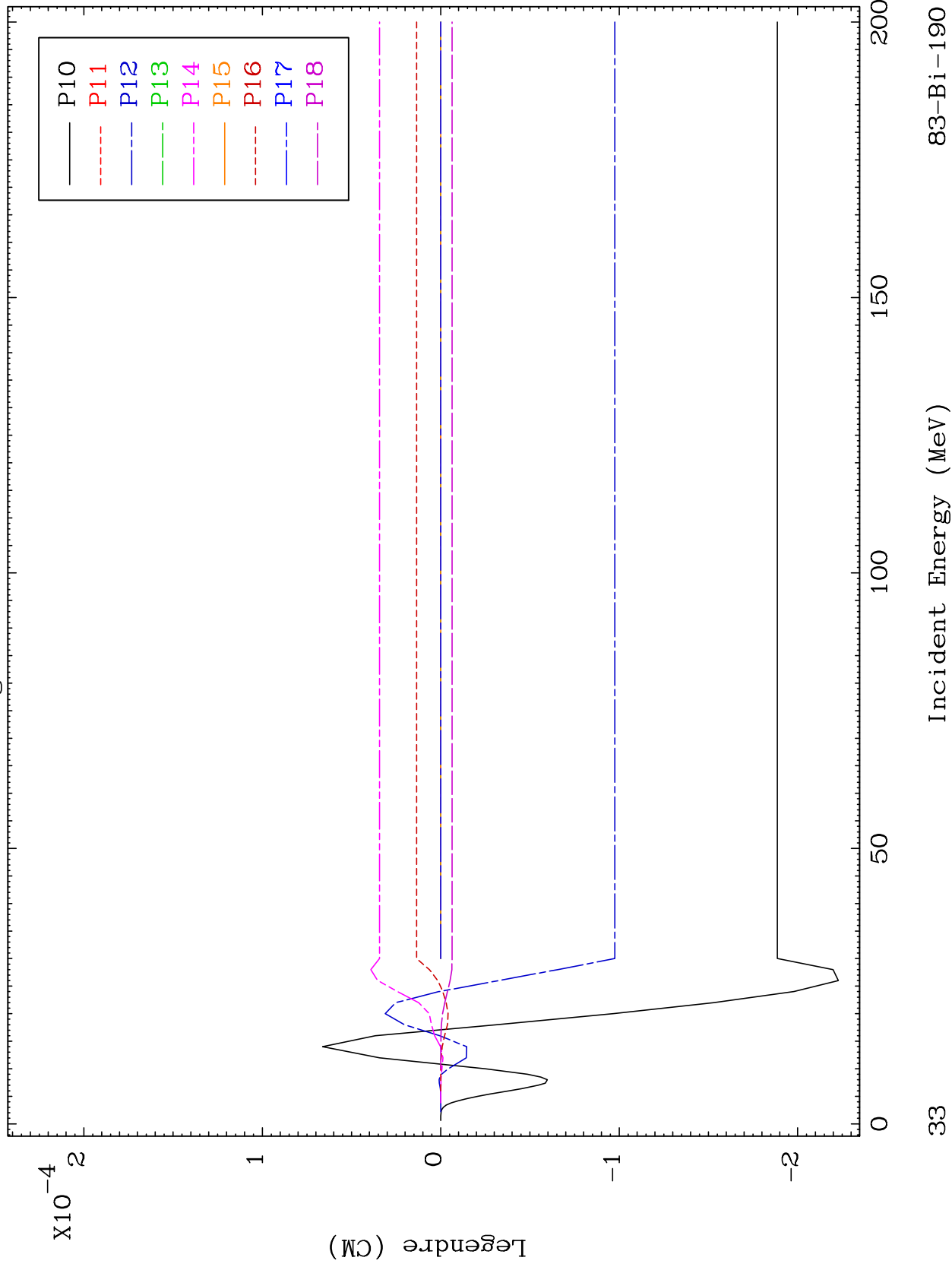
Incident Energy (MeV)

32

MAT 8268

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

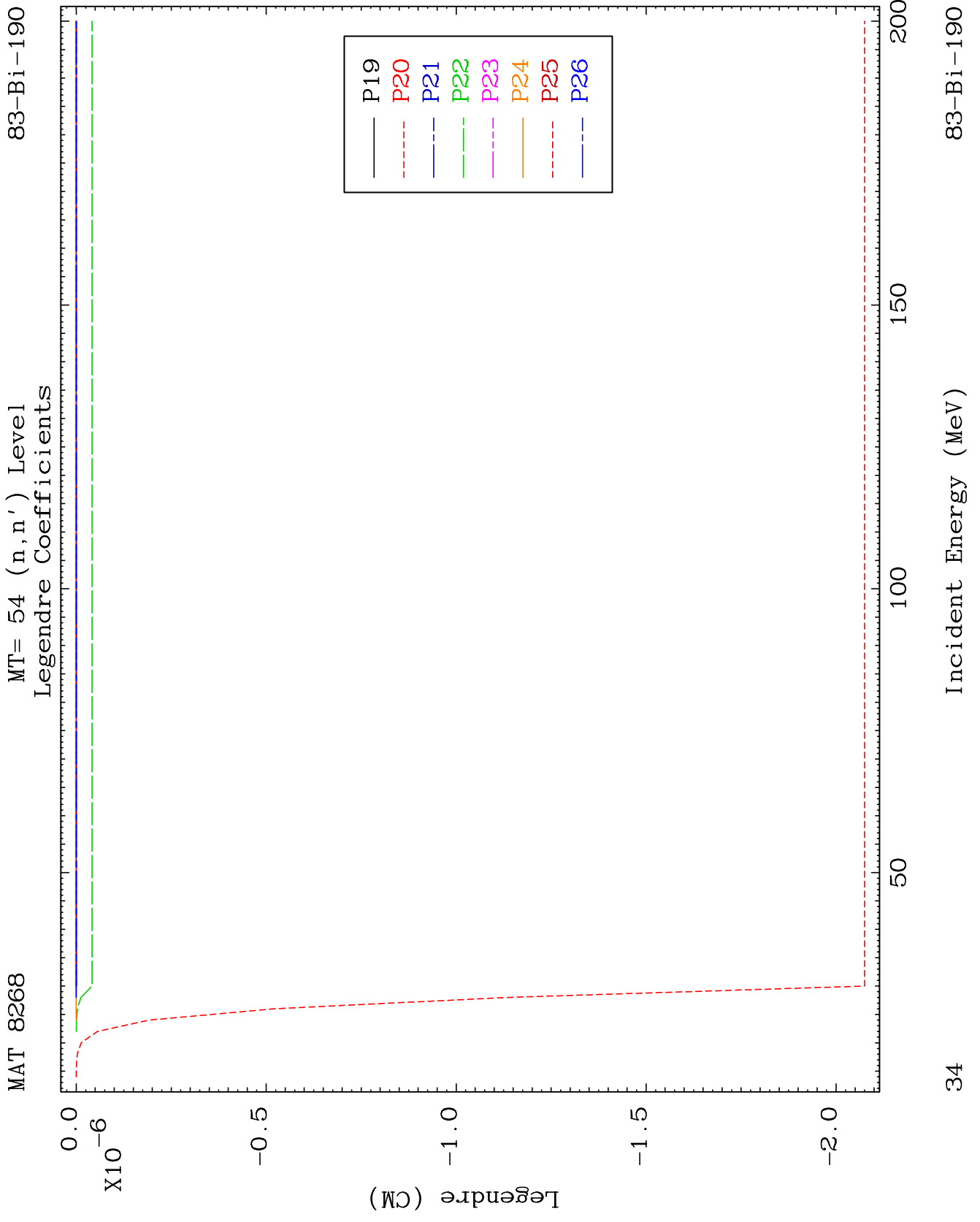
83-Bi-190



33

Incident Energy (MeV)

83-Bi-190

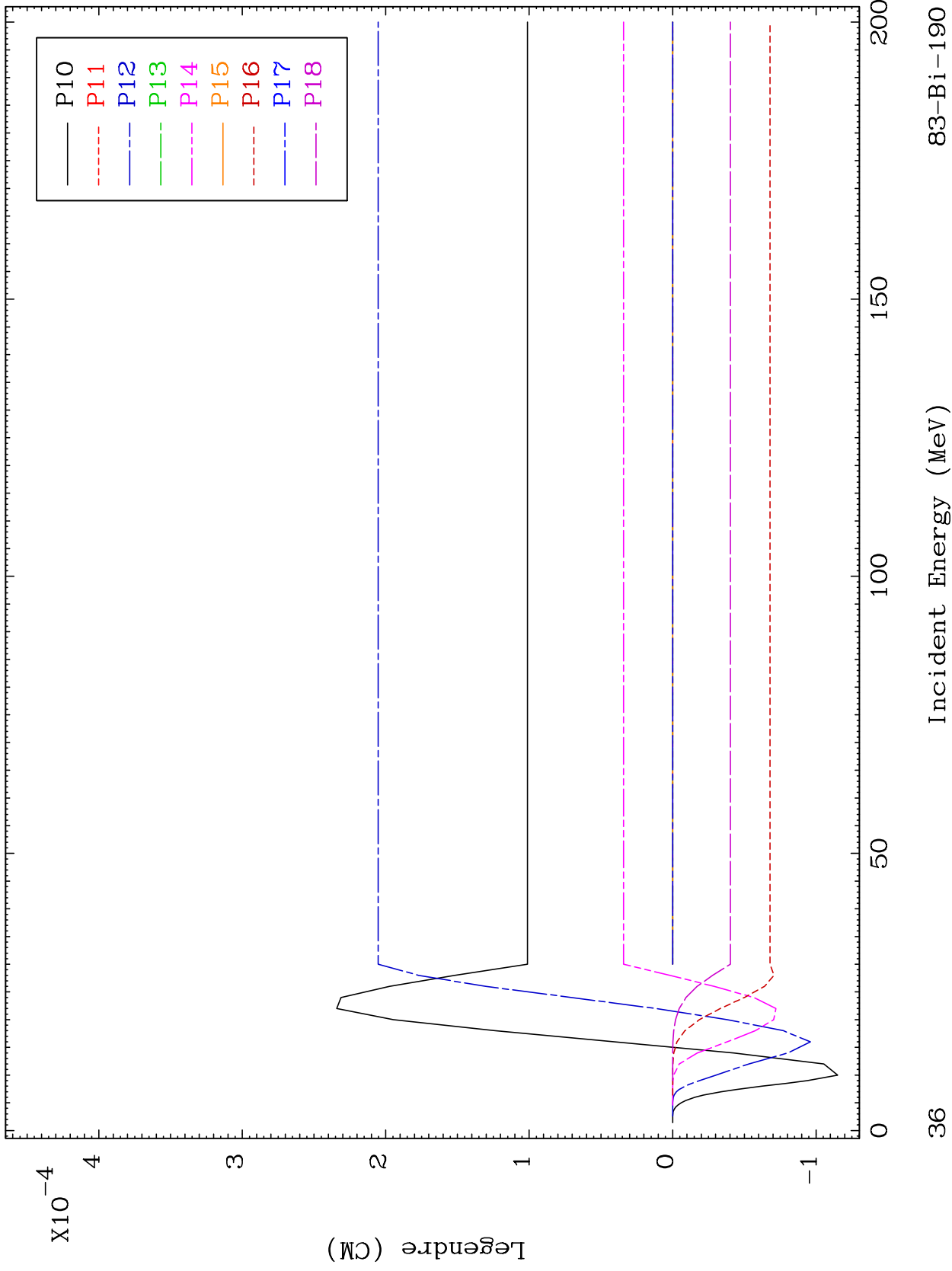




MAT 8268

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

83-Bi-190



83-Bi-190

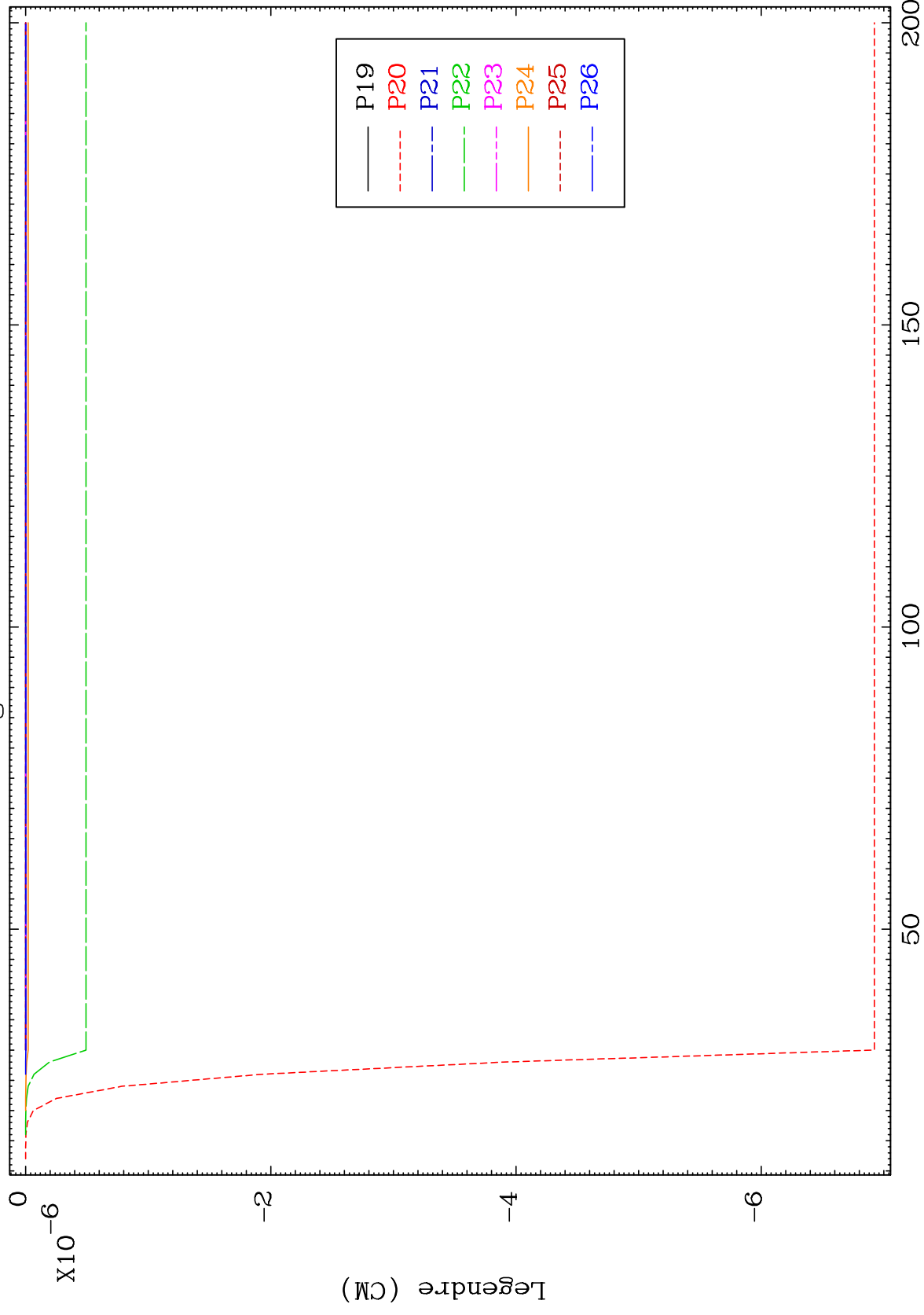
Incident Energy (MeV)

36

MAT 8268

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

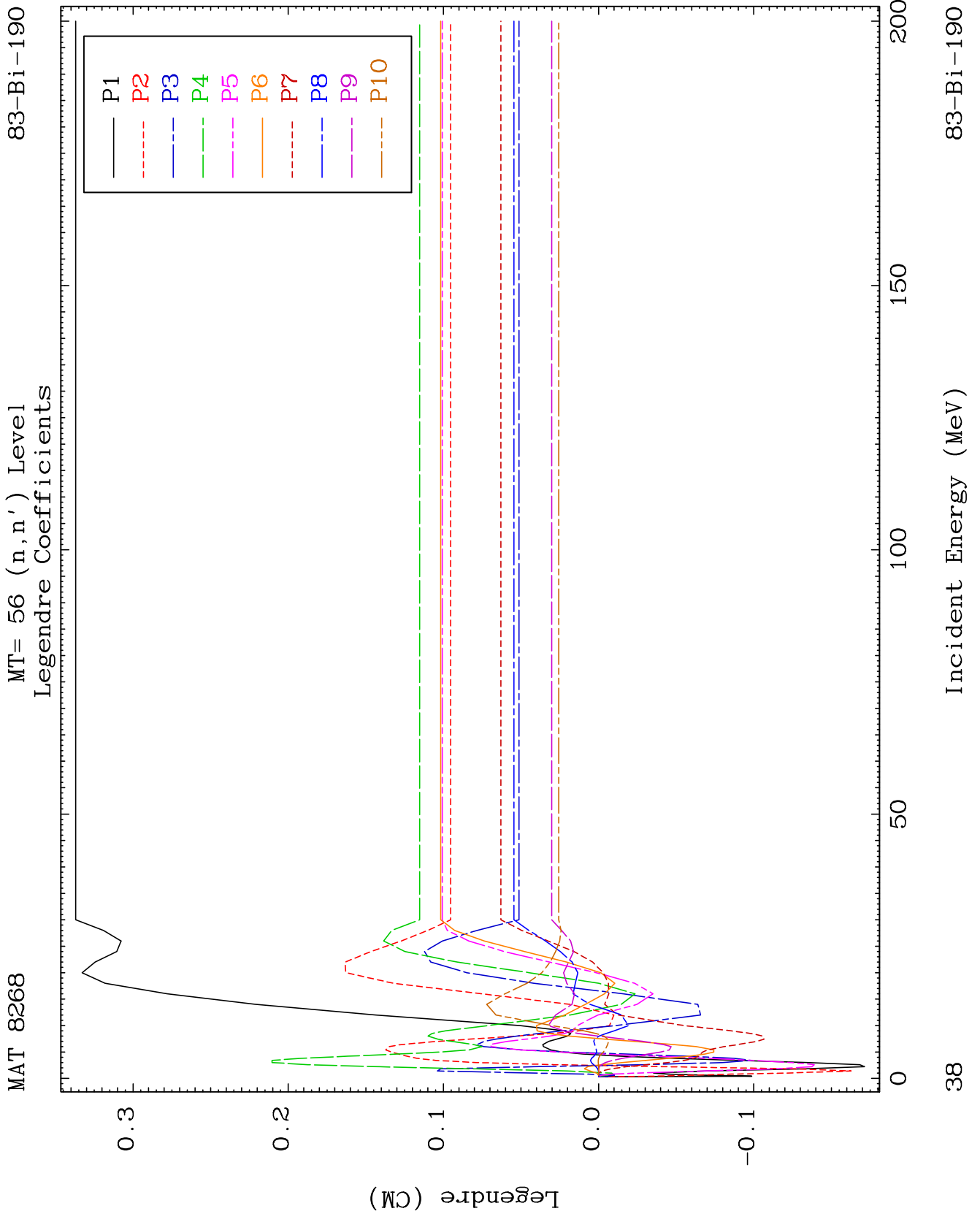
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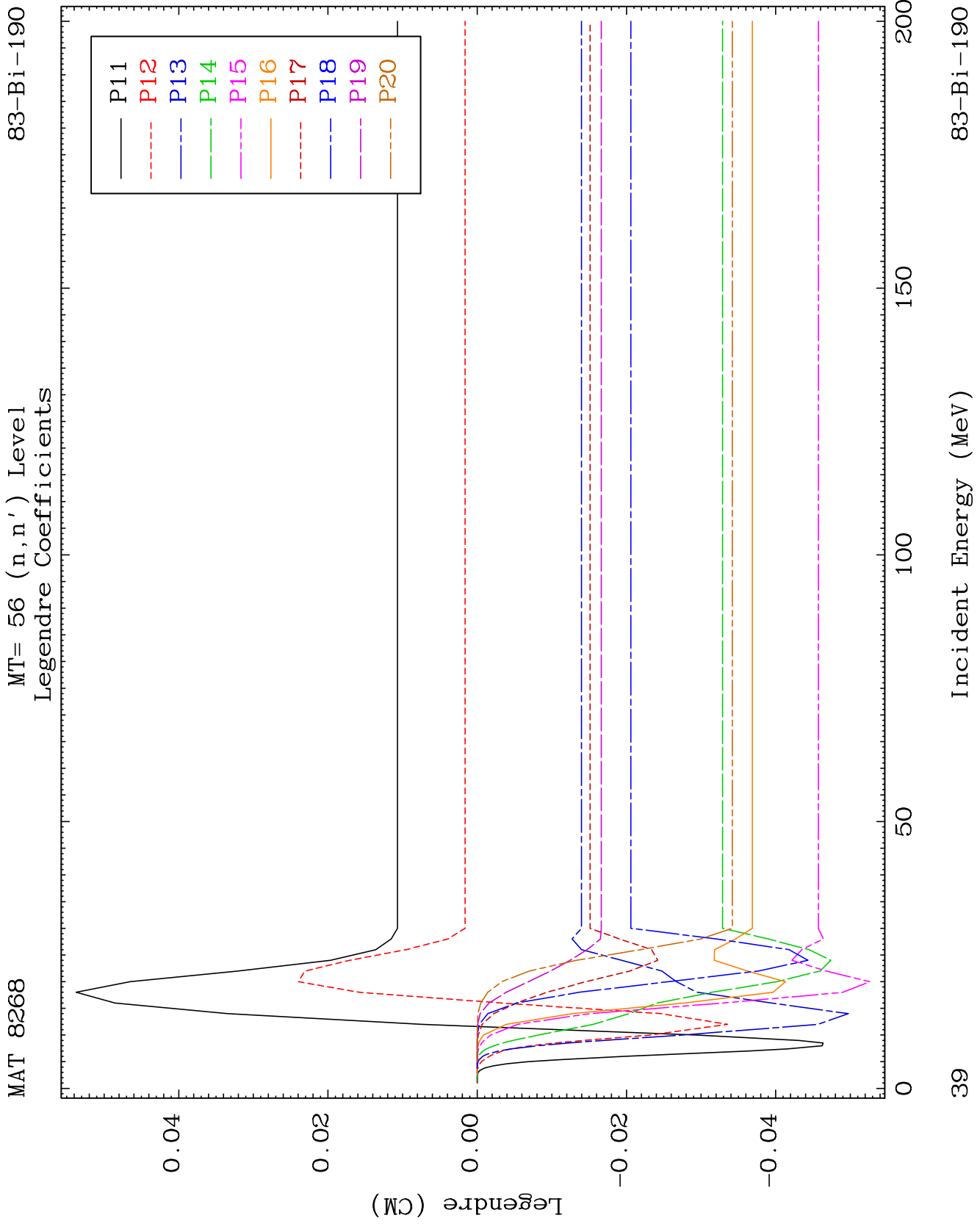


37

Incident Energy (MeV)

83-Bi-190



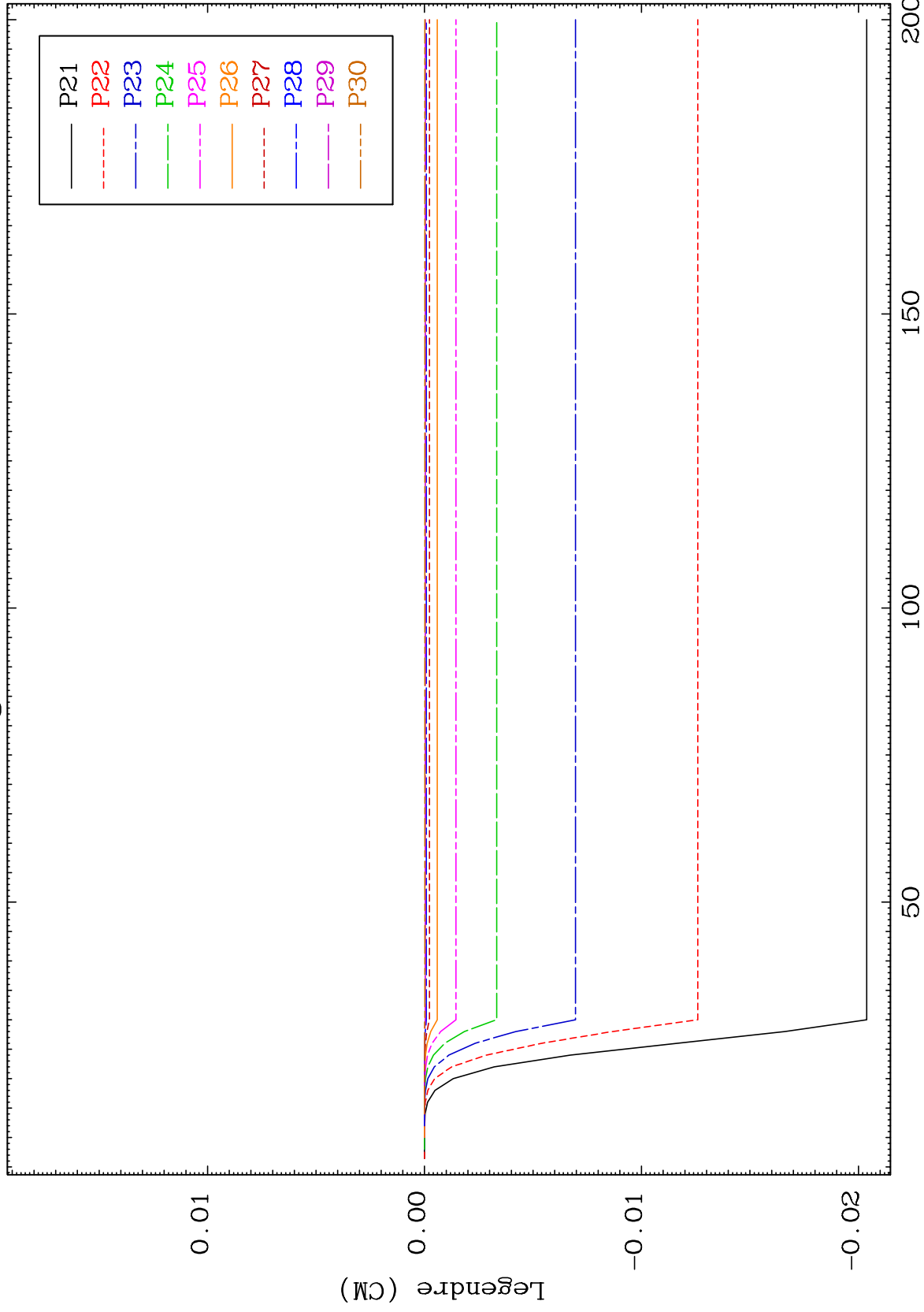




MAT 8268

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

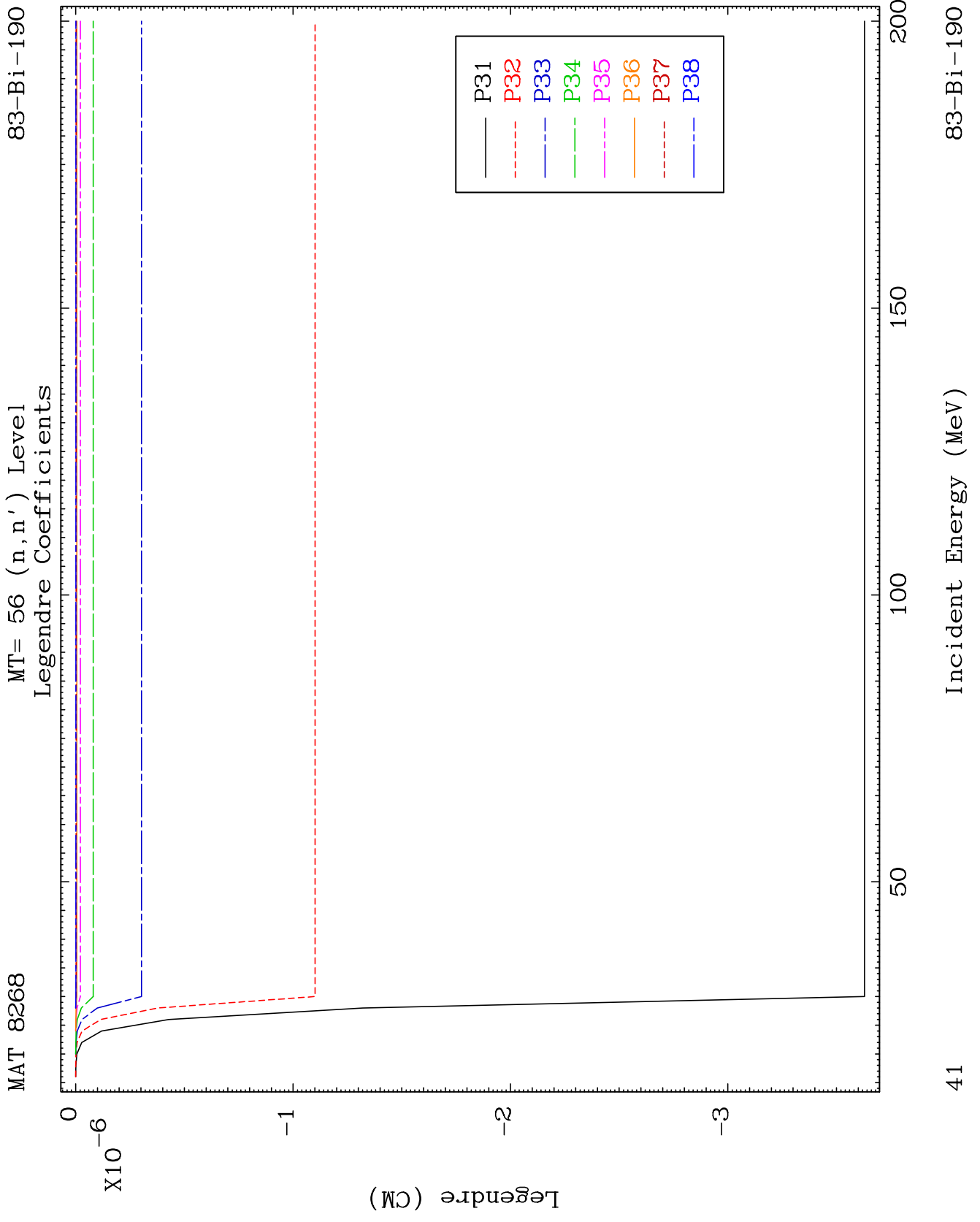
83-Bi-190



40

Incident Energy (MeV)

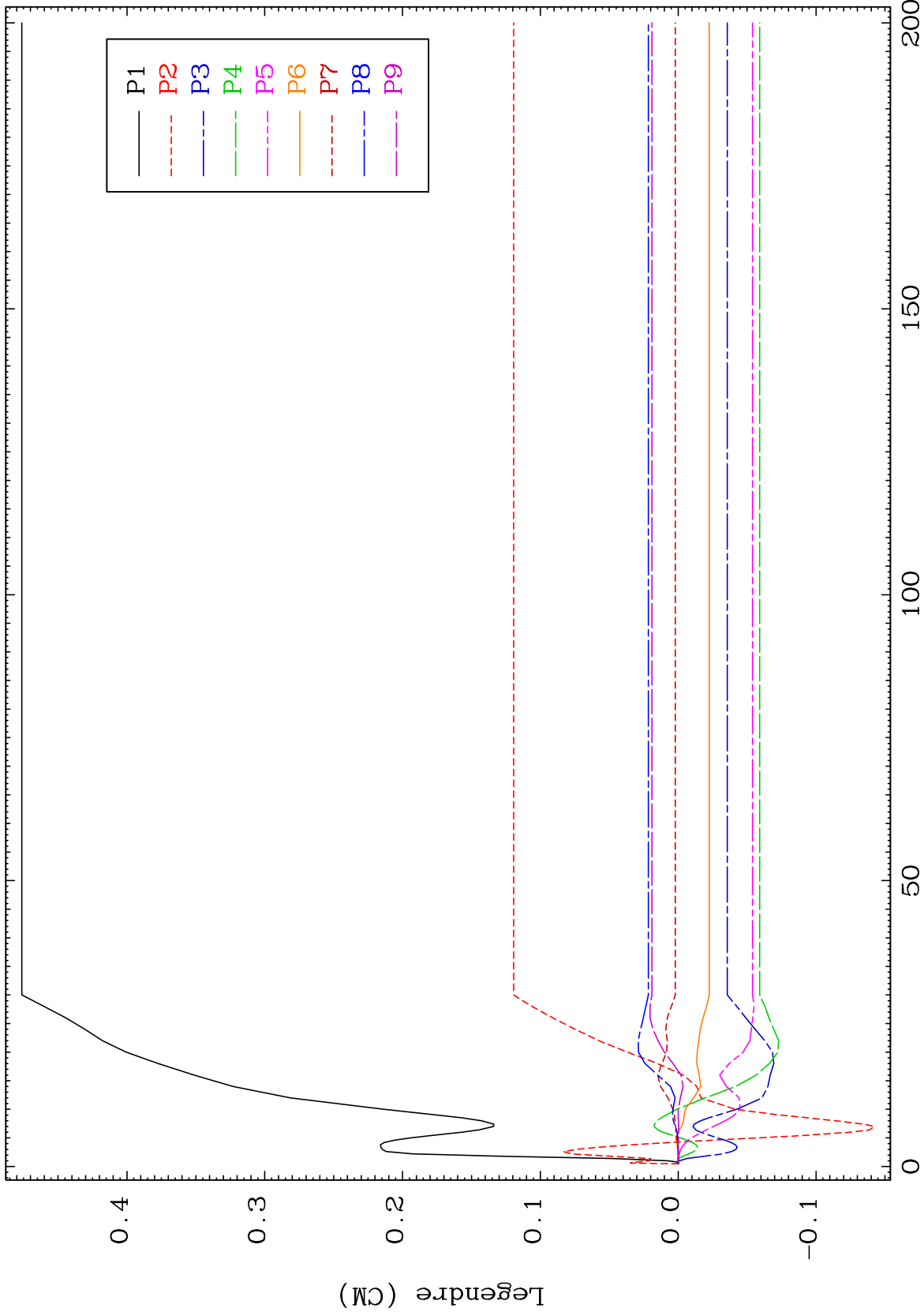
83-Bi-190



MAT 8268

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

83-Bi-190



42

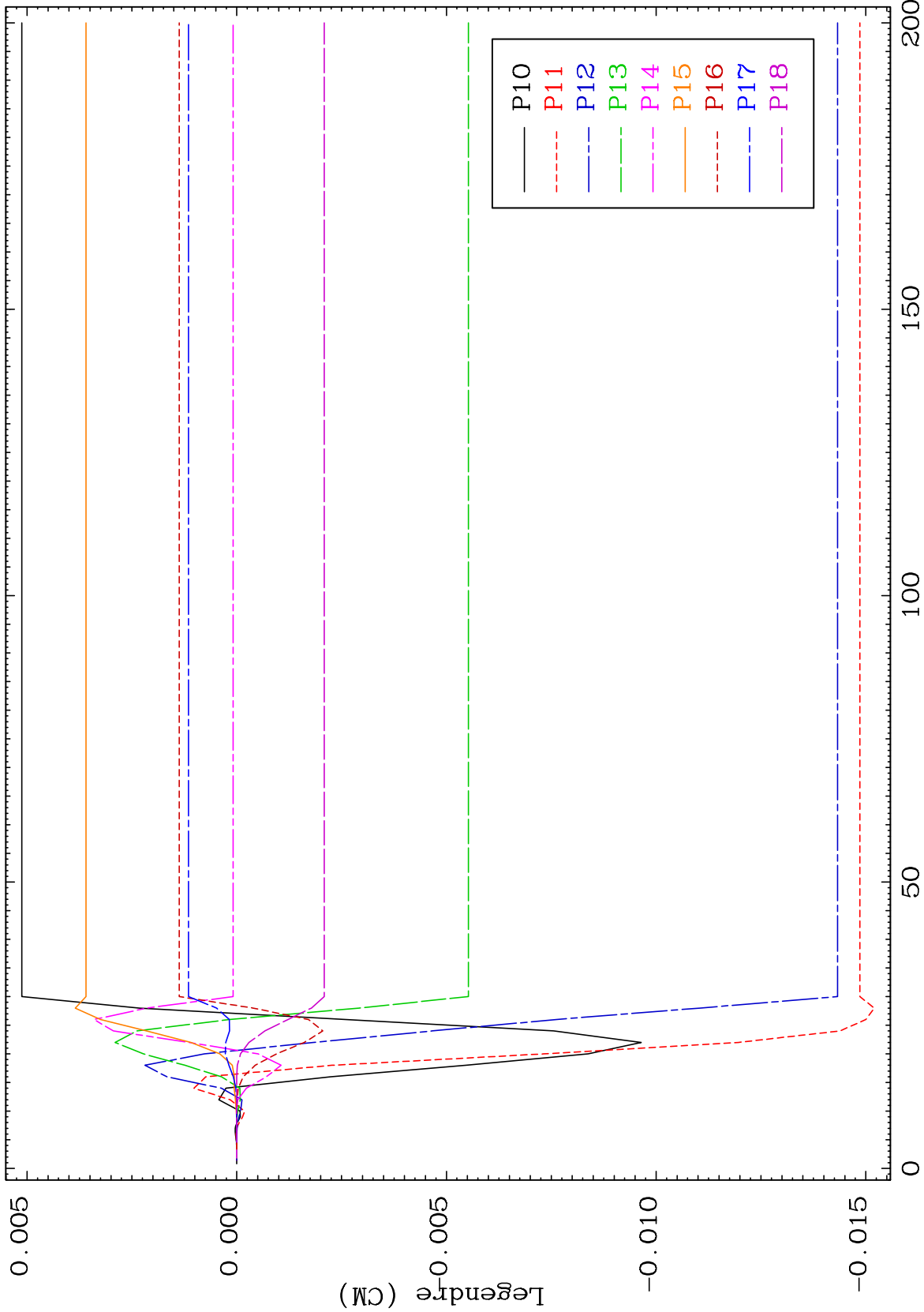
Incident Energy (MeV)

83-Bi-190

MAT 8268

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

83-Bi-190



43

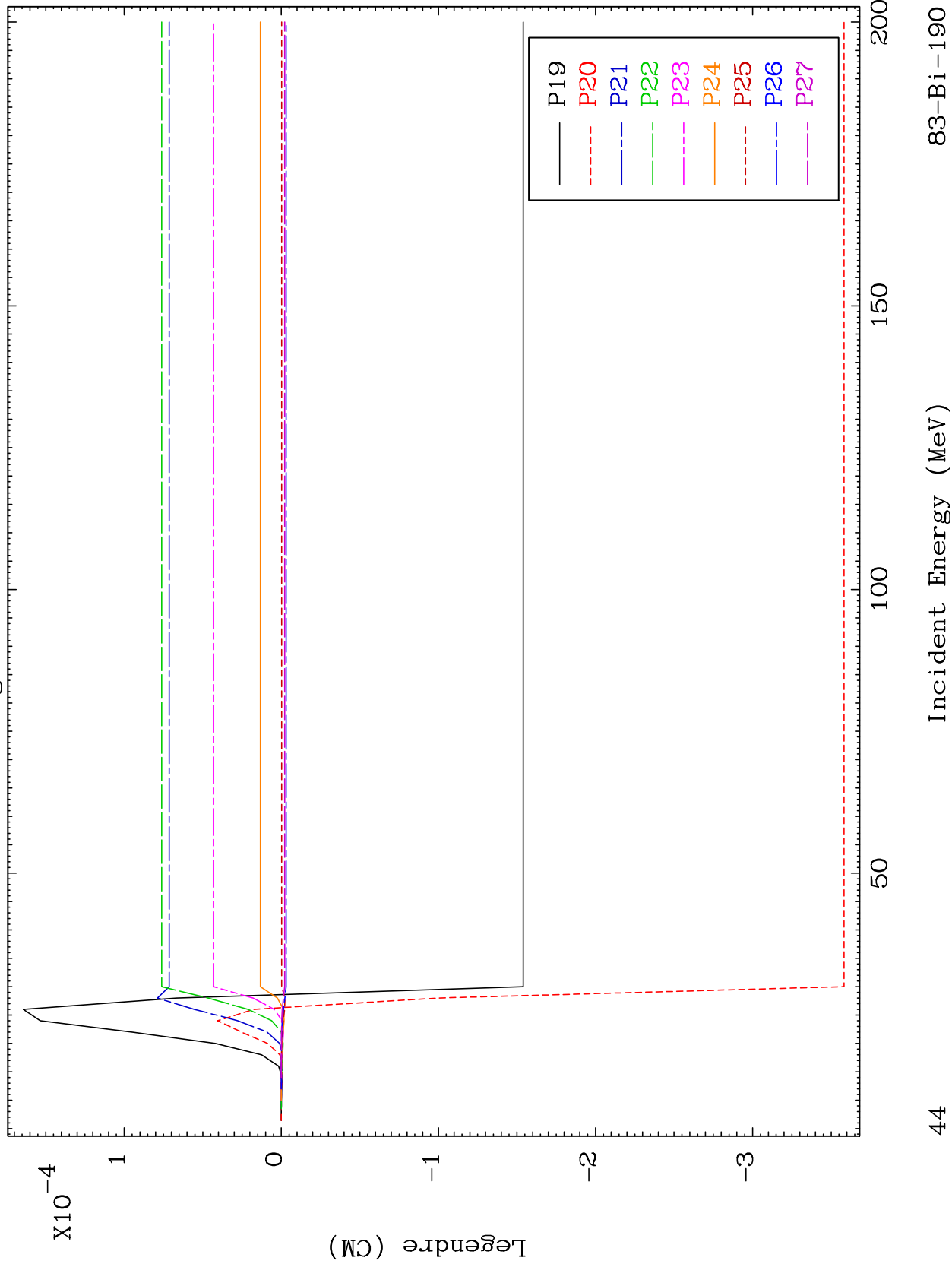
Incident Energy (MeV)

83-Bi-190

MAT 8268

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

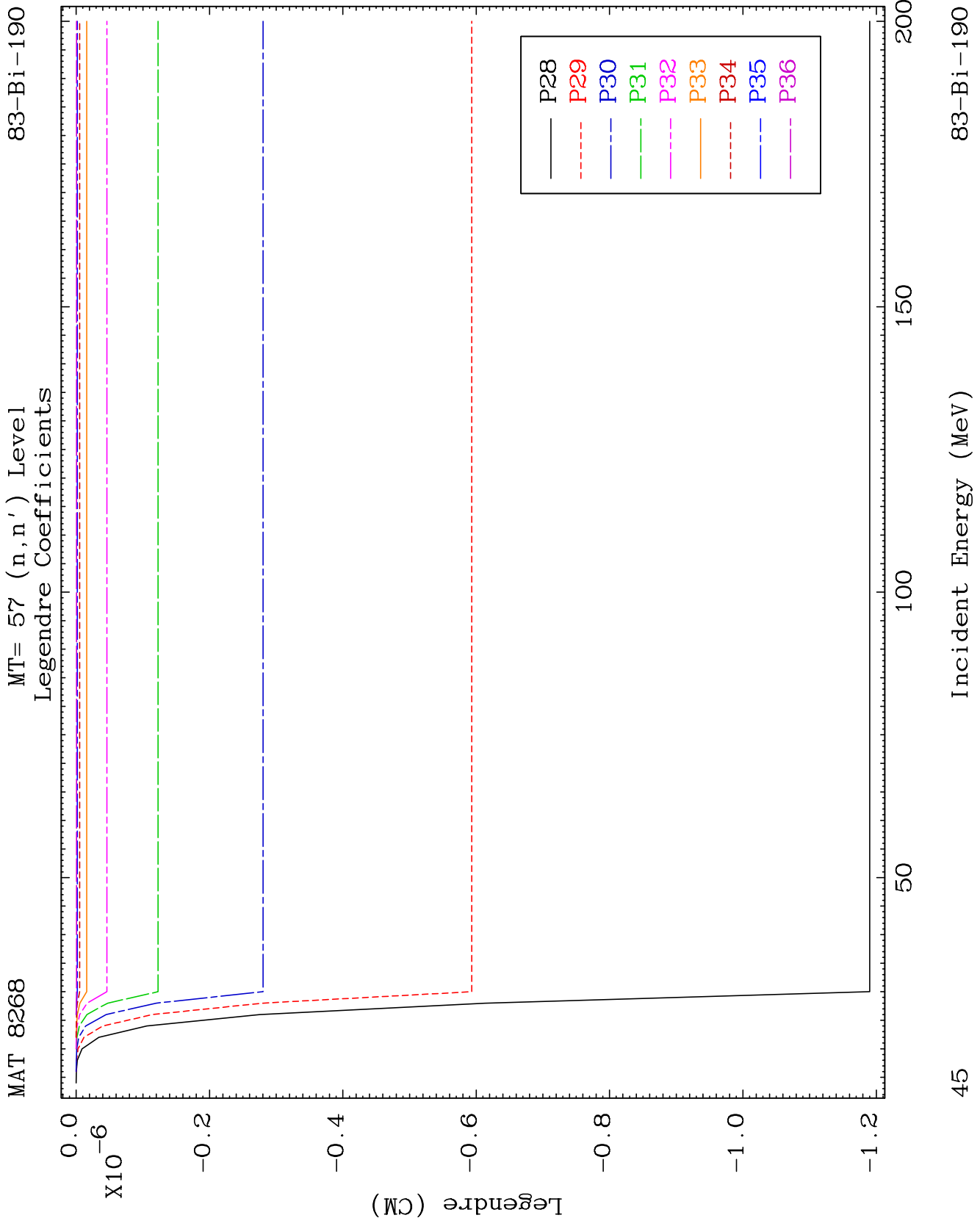
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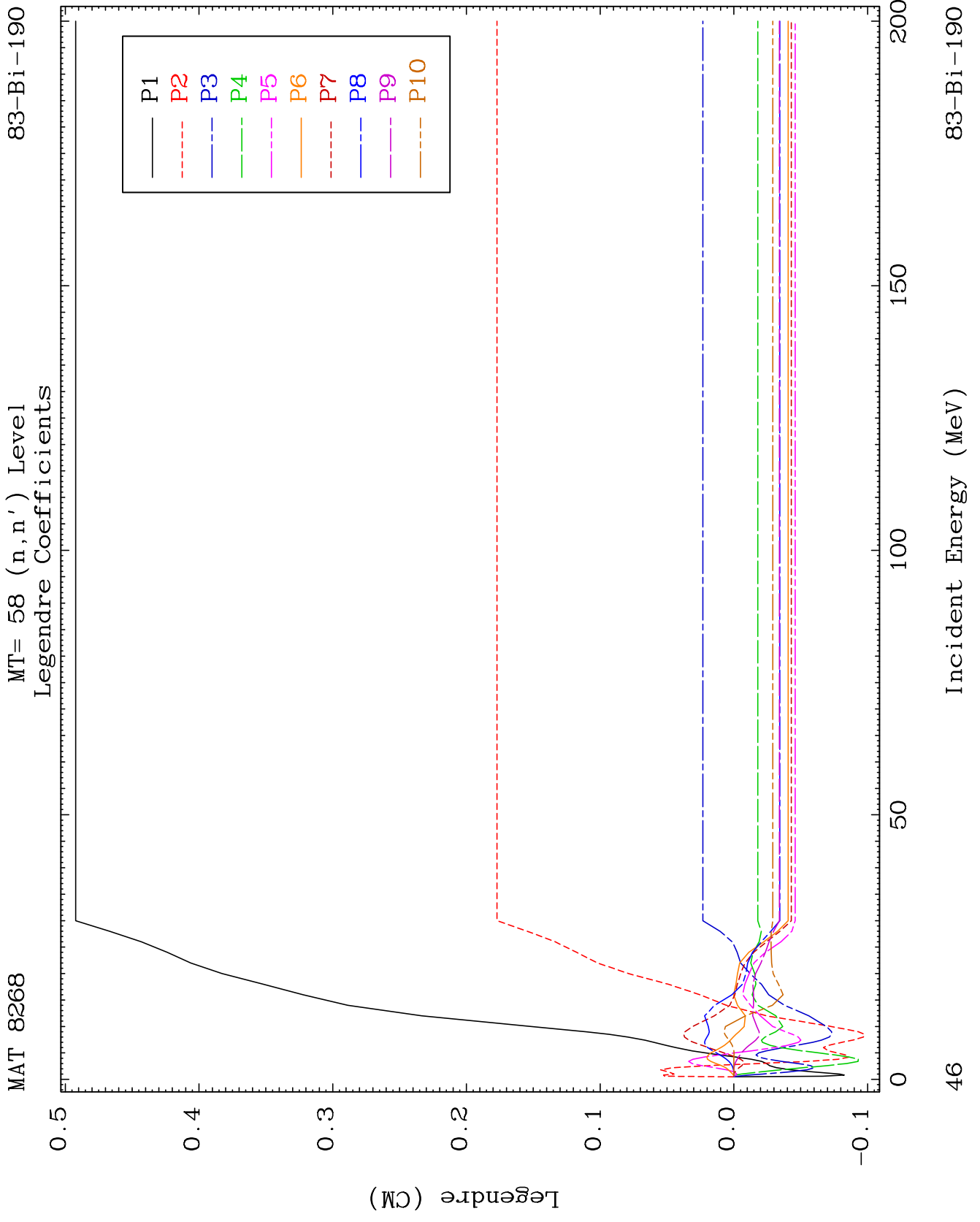


44

Incident Energy (MeV)

83-Bi-190

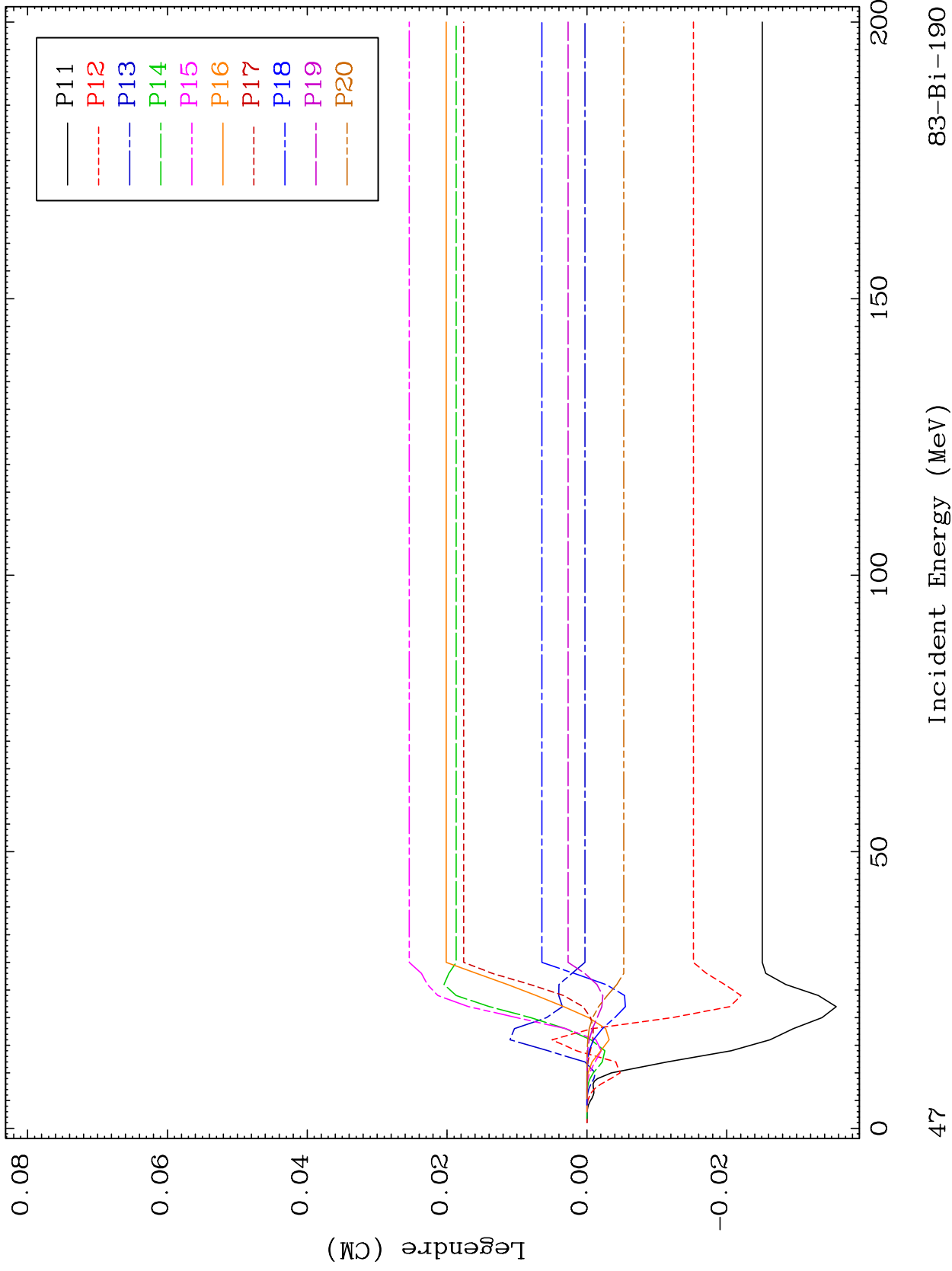




MAT 8268

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

83-Bi-190



47

Incident Energy (MeV)

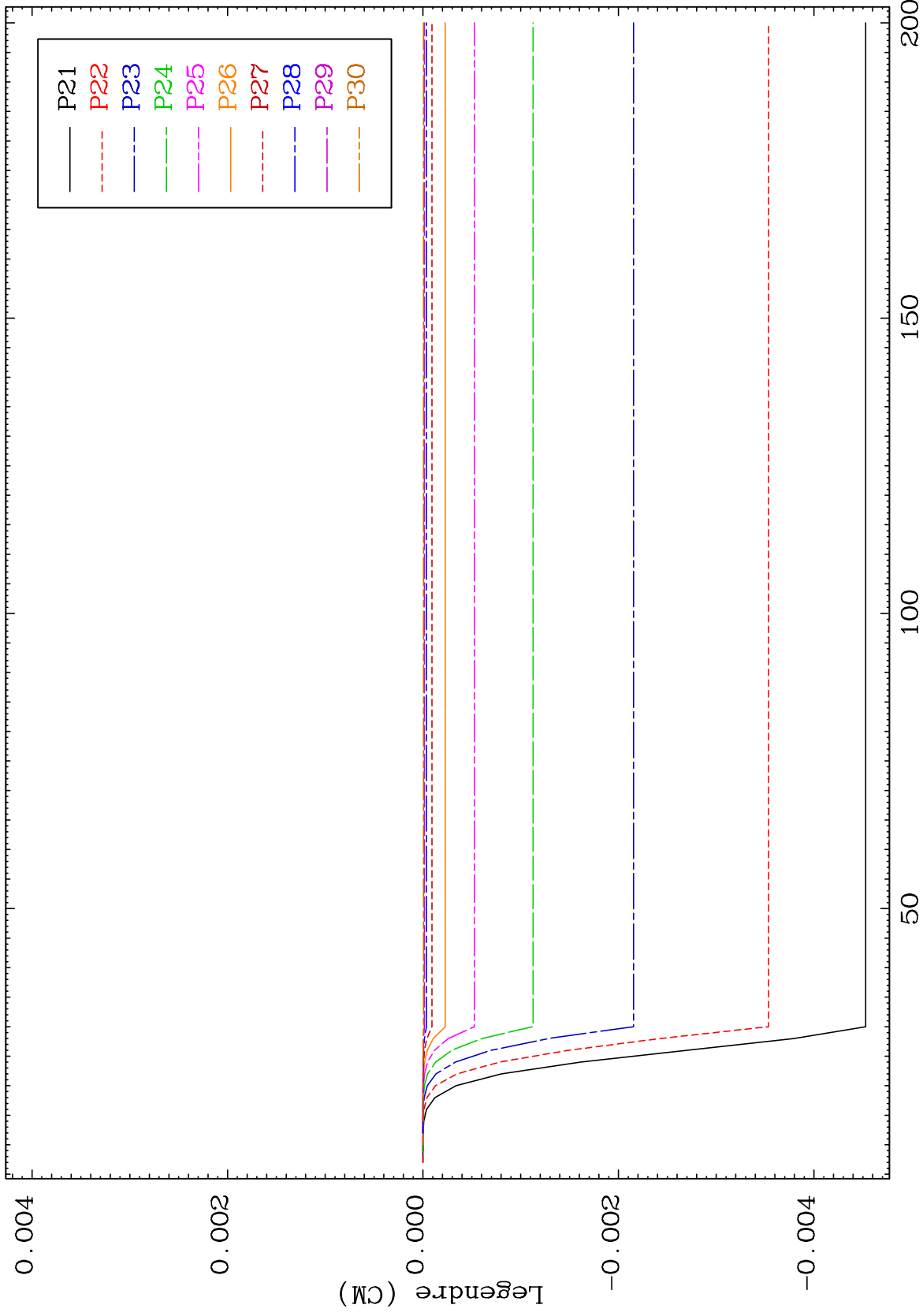
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MAT 8268

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

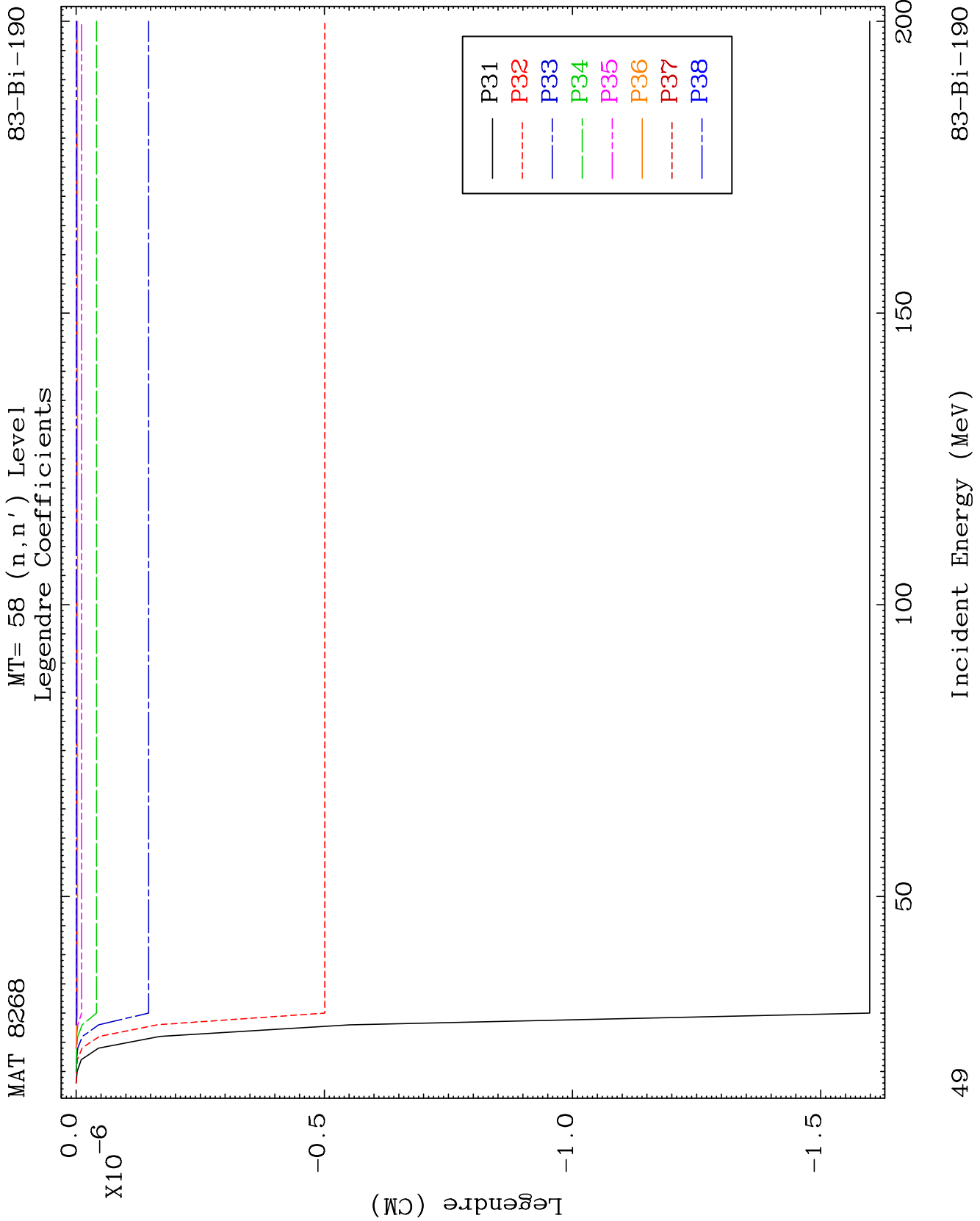
83-Bi-190



48

Incident Energy (MeV)

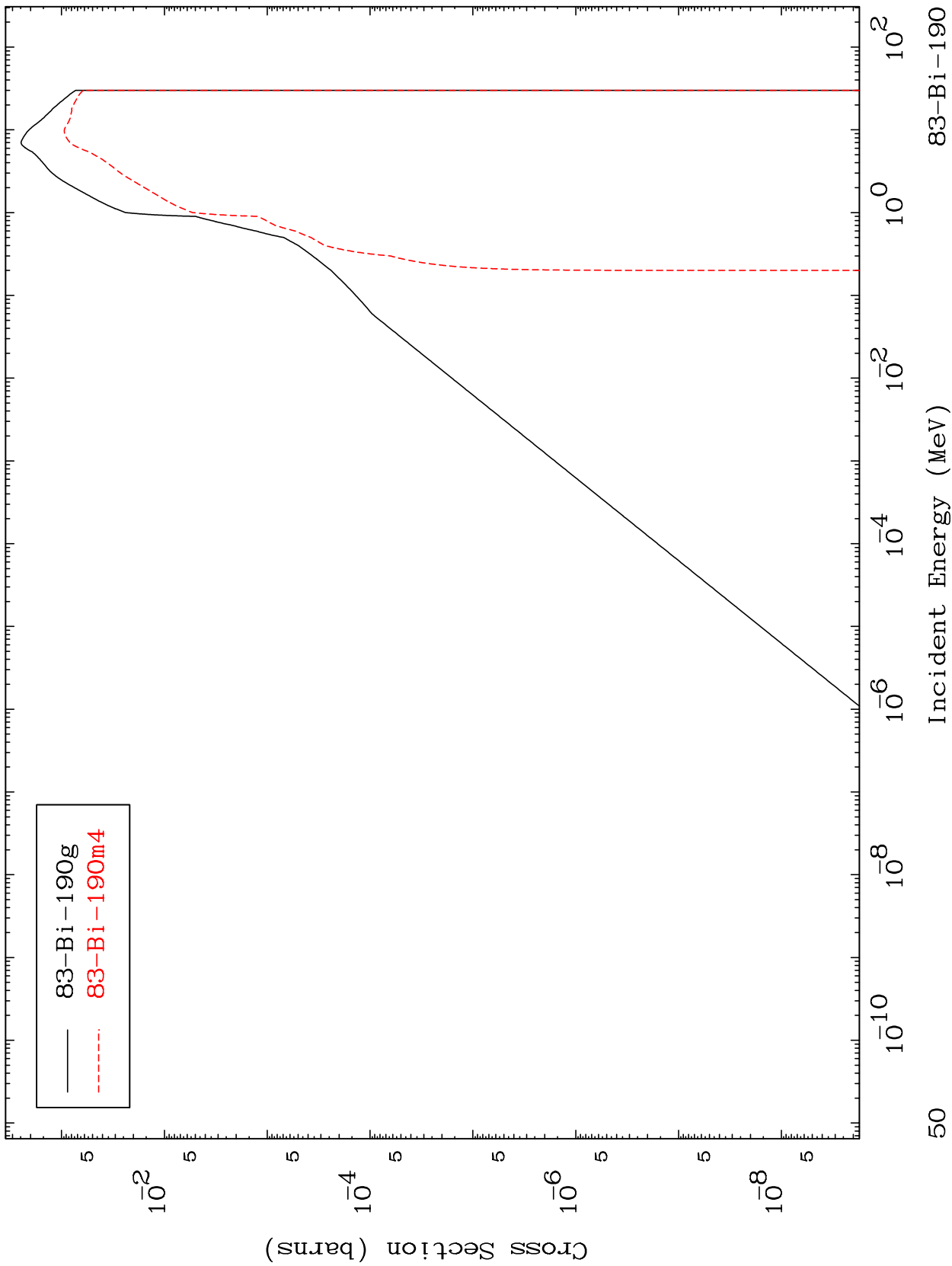
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MAT 8268

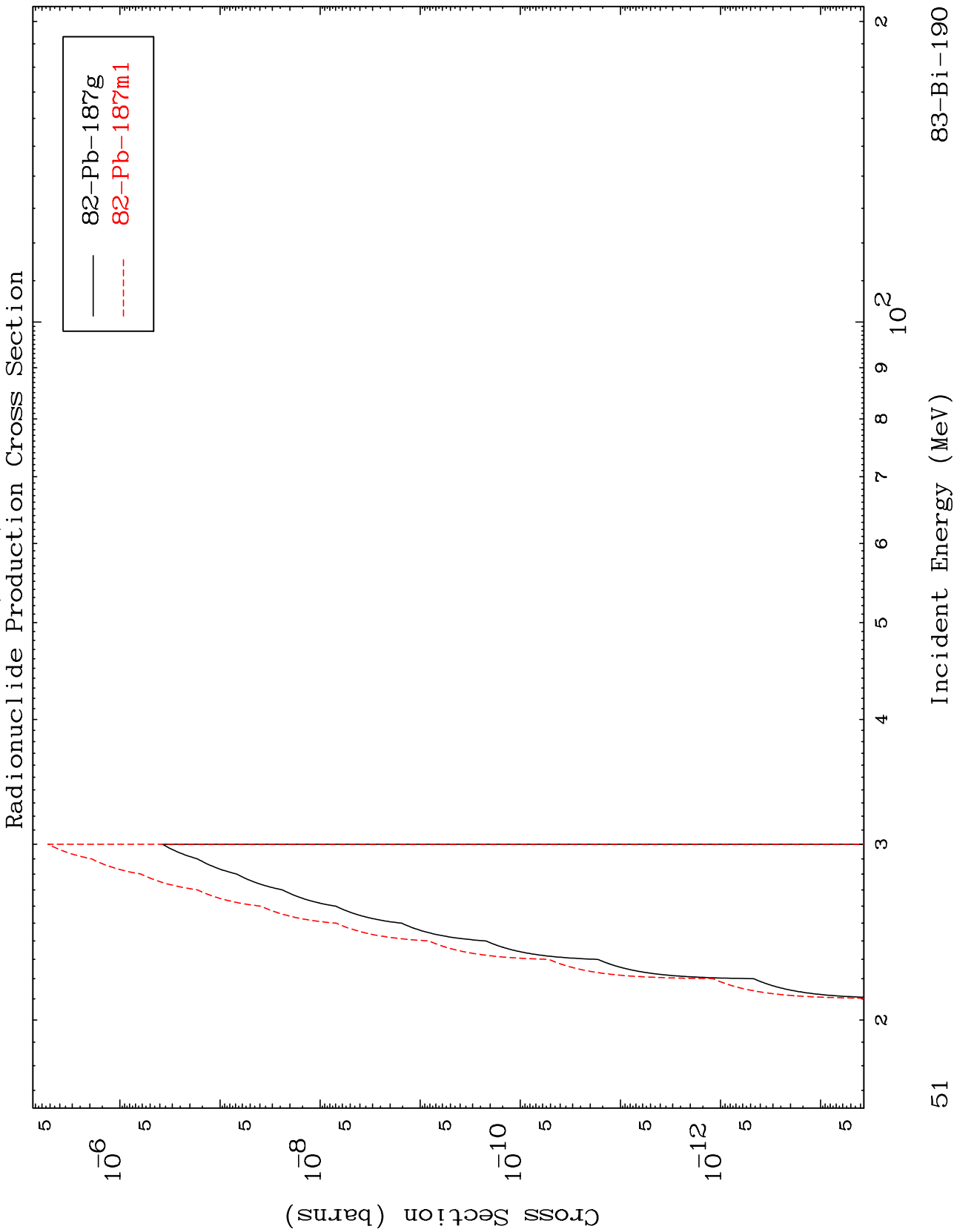
83-Bi-190

Inelastic  
Radionuclide Production Cross Section



50

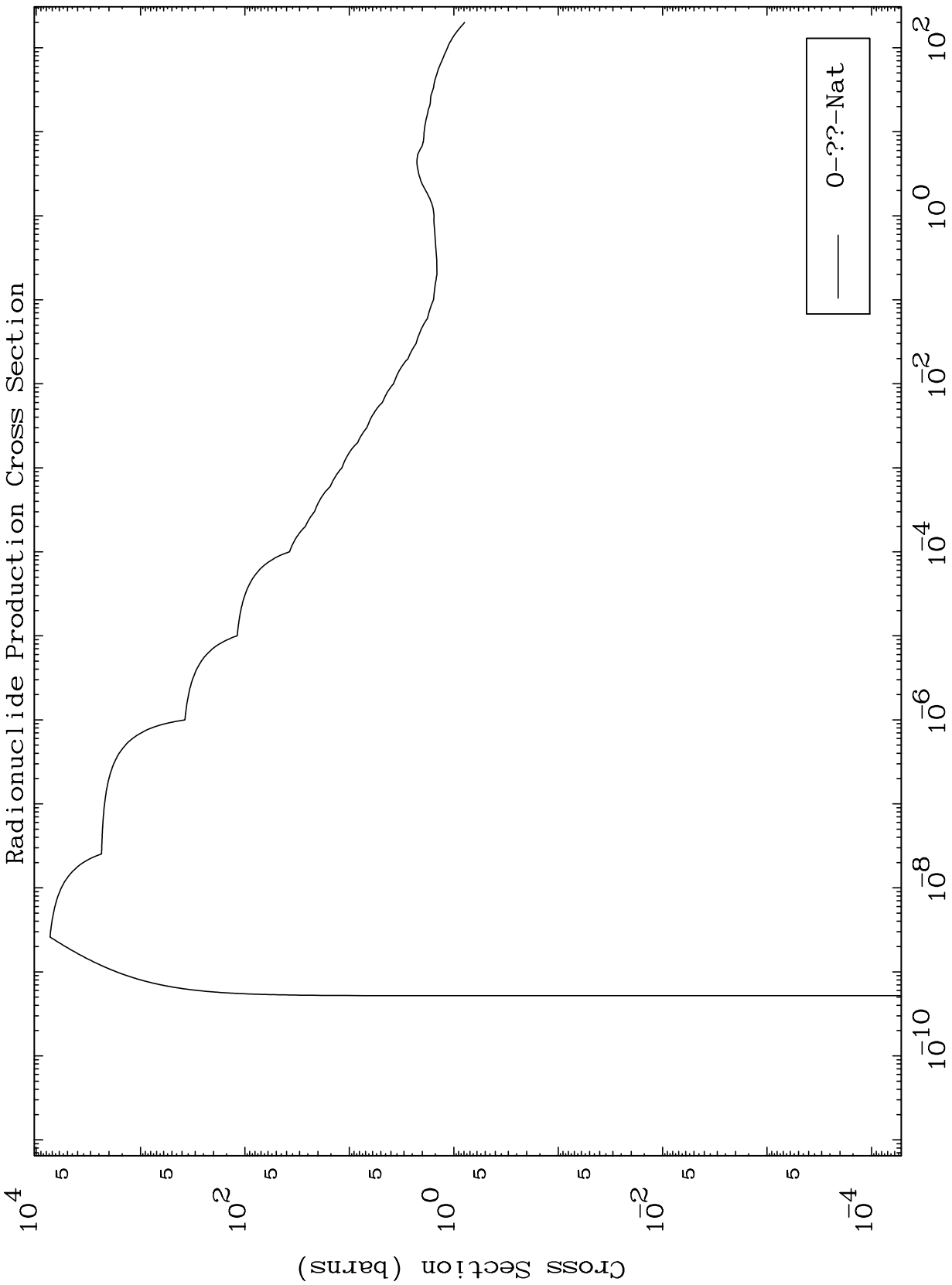
83-Bi-190



MAT 8268

83-Bi-190

Fission  
Radionuclide Production Cross Section



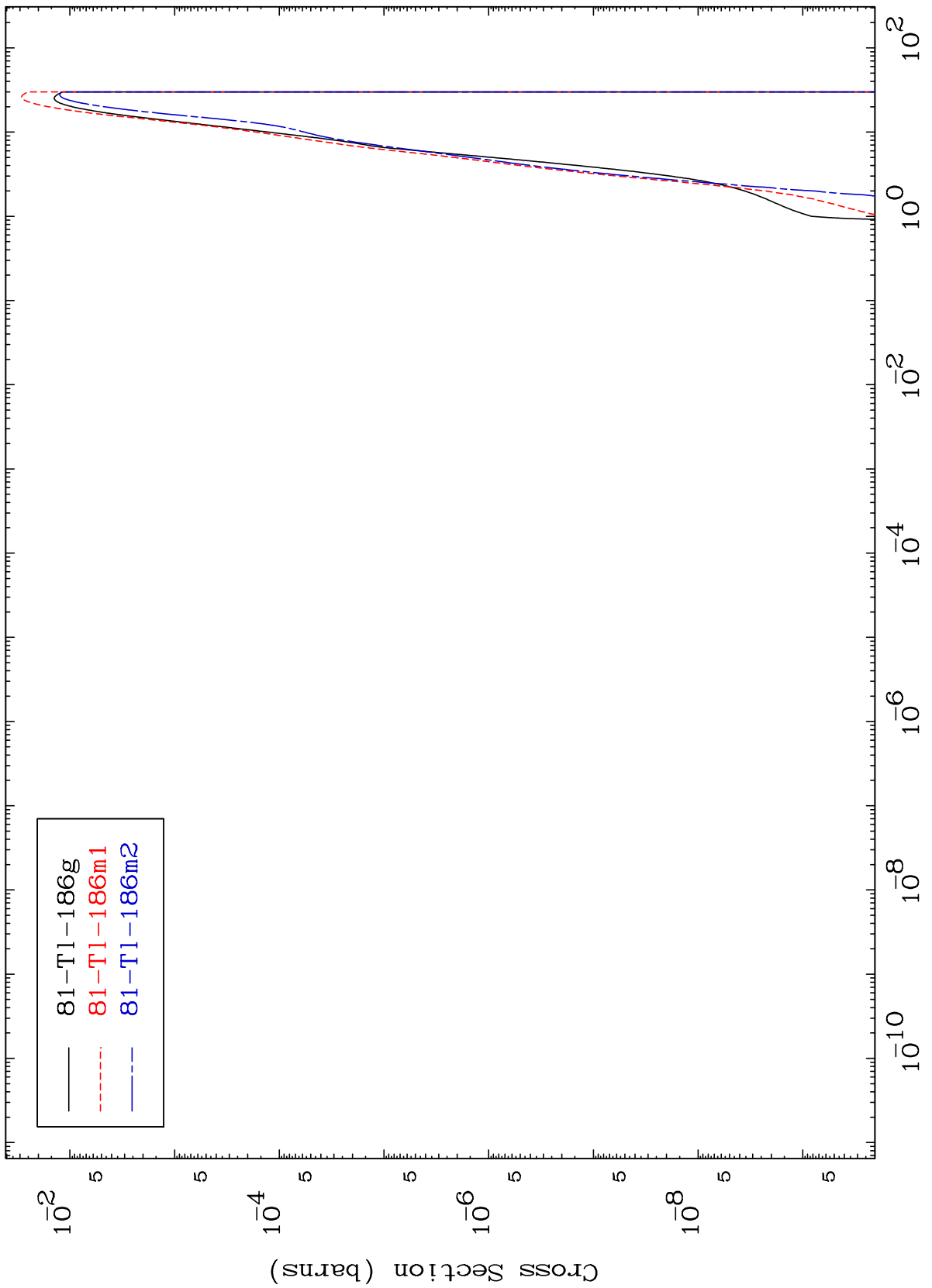
— 0-??-Nat

MAT 8268

$(n, n') \alpha$

83-Bi-190

Radionuclide Production Cross Section

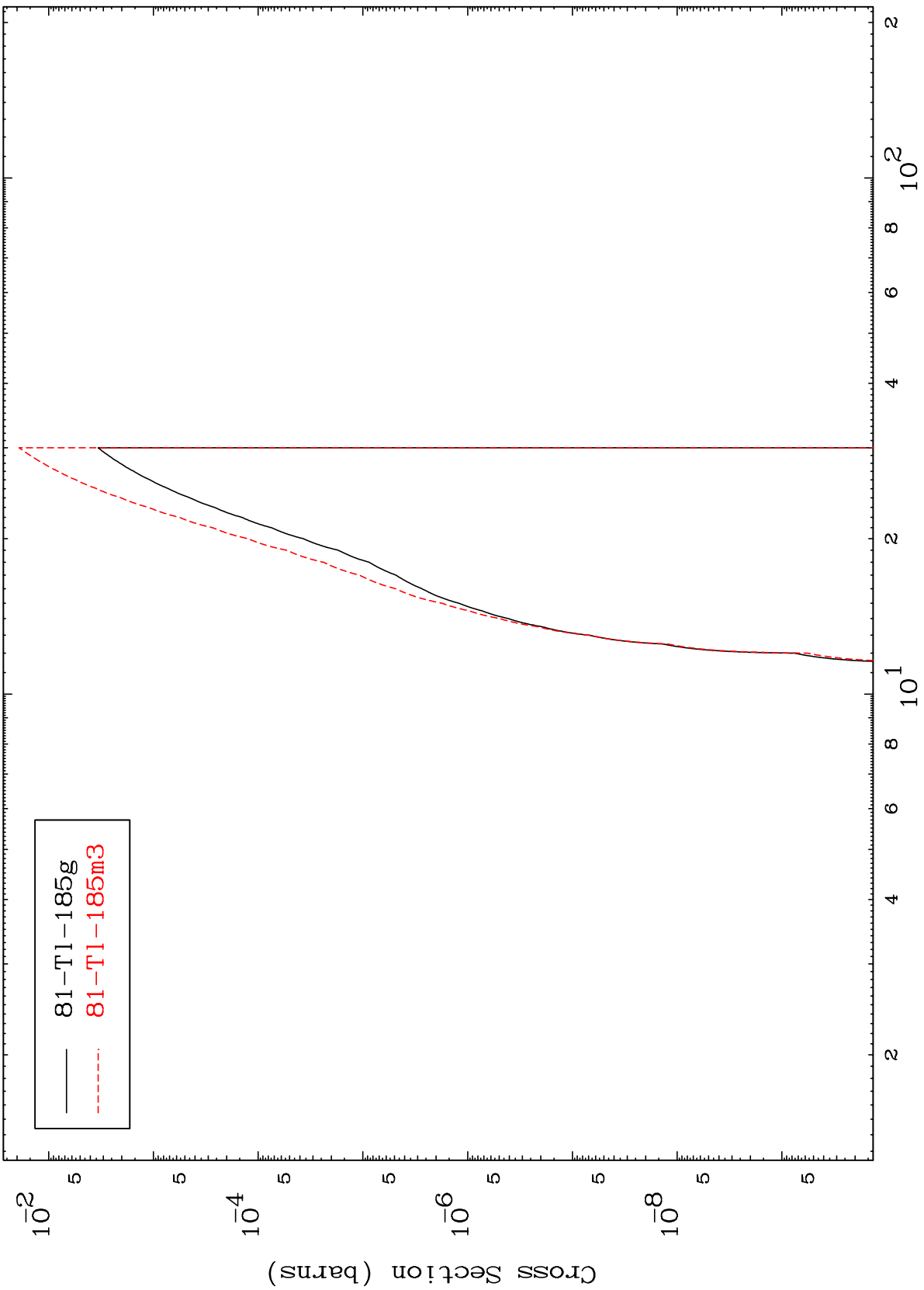


MAT 8268

(n,2n)  $\alpha$

83-Bi-190

Radionuclide Production Cross Section



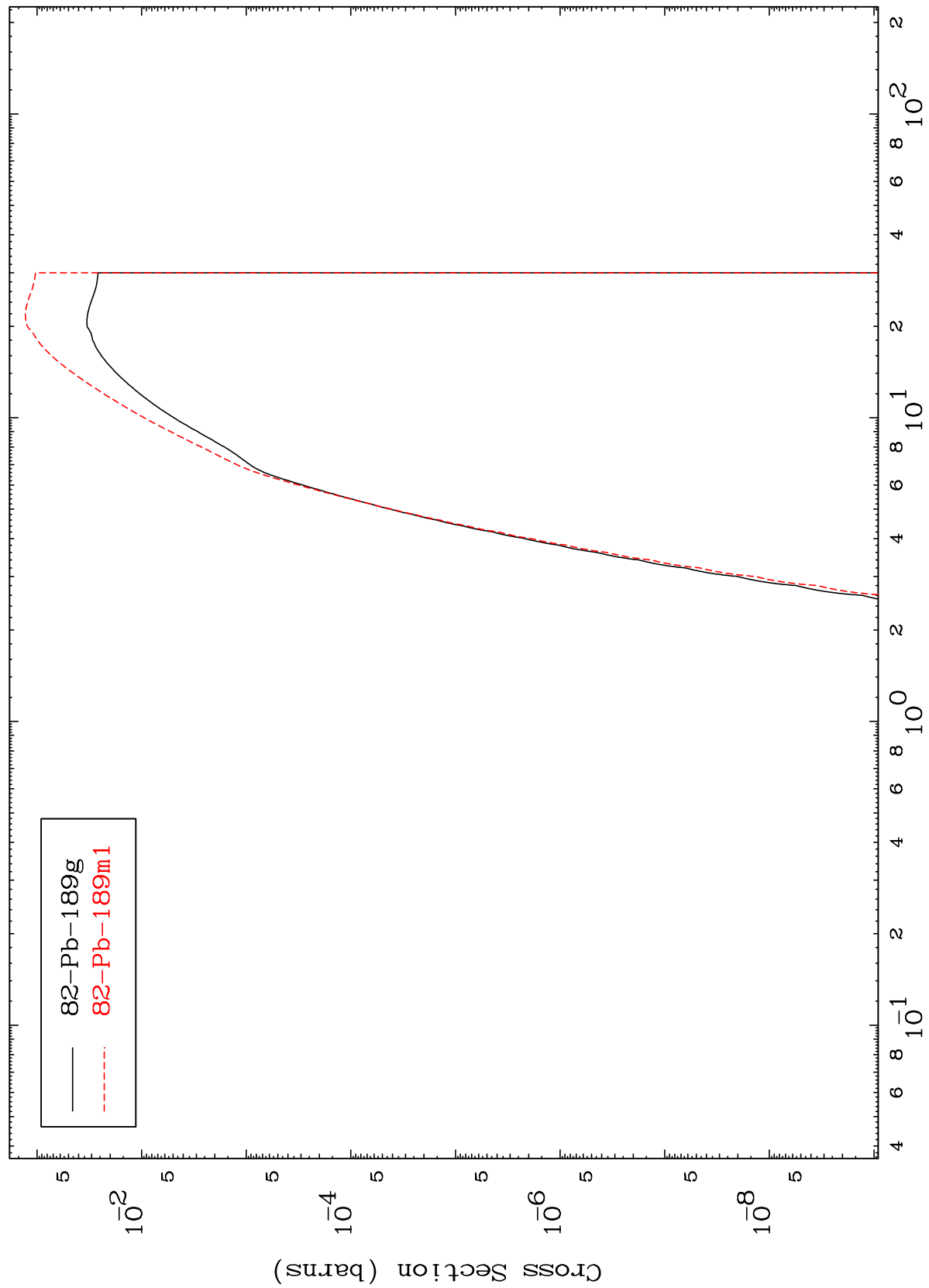
81-Tl-185g  
81-Tl-185m3

MAT 8268

(n,n') p

83-Bi-190

Radionuclide Production Cross Section



55

Incident Energy (MeV)

83-Bi-190

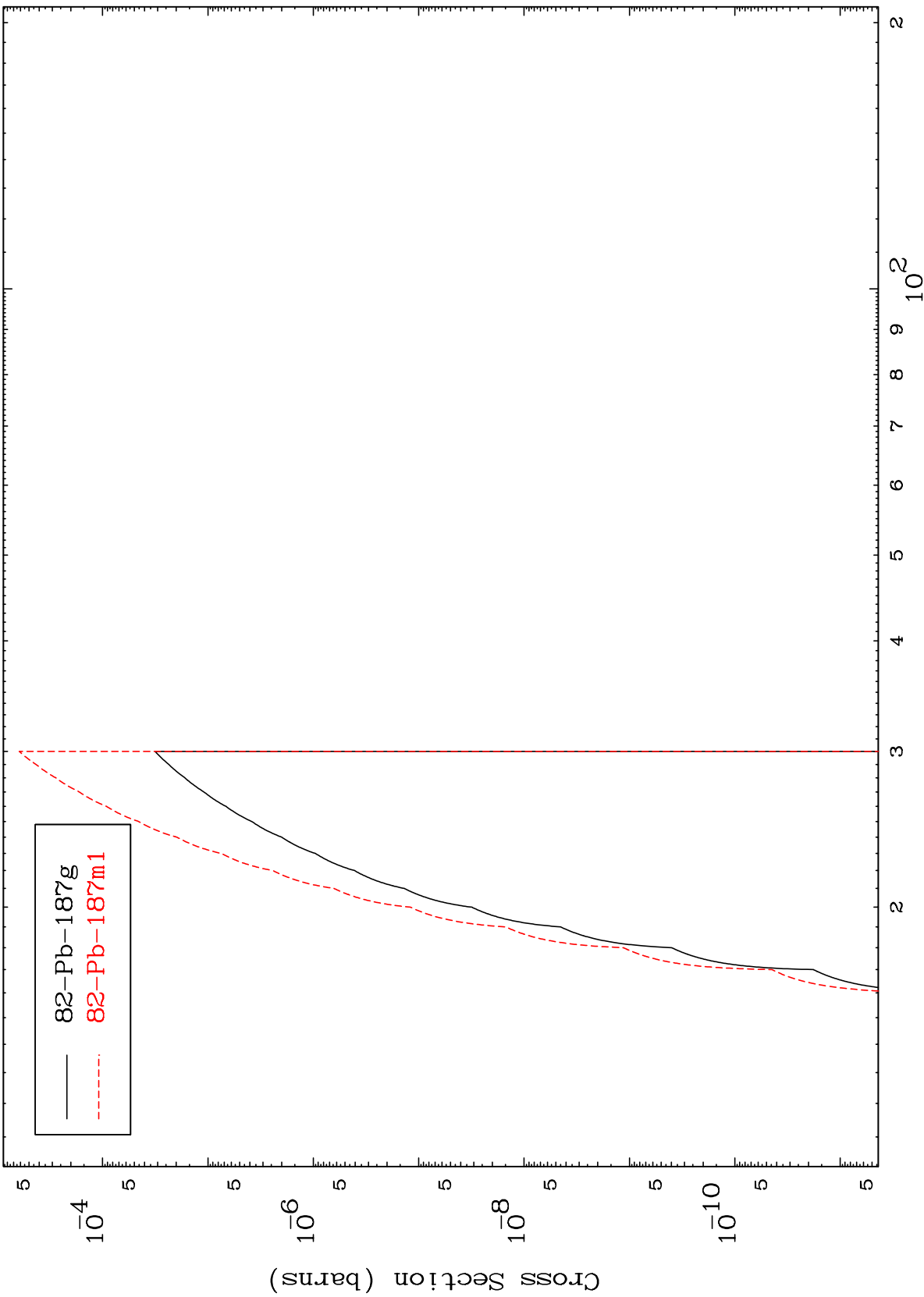


MAT 8268

(n,n') t

83-Bi-190

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-190

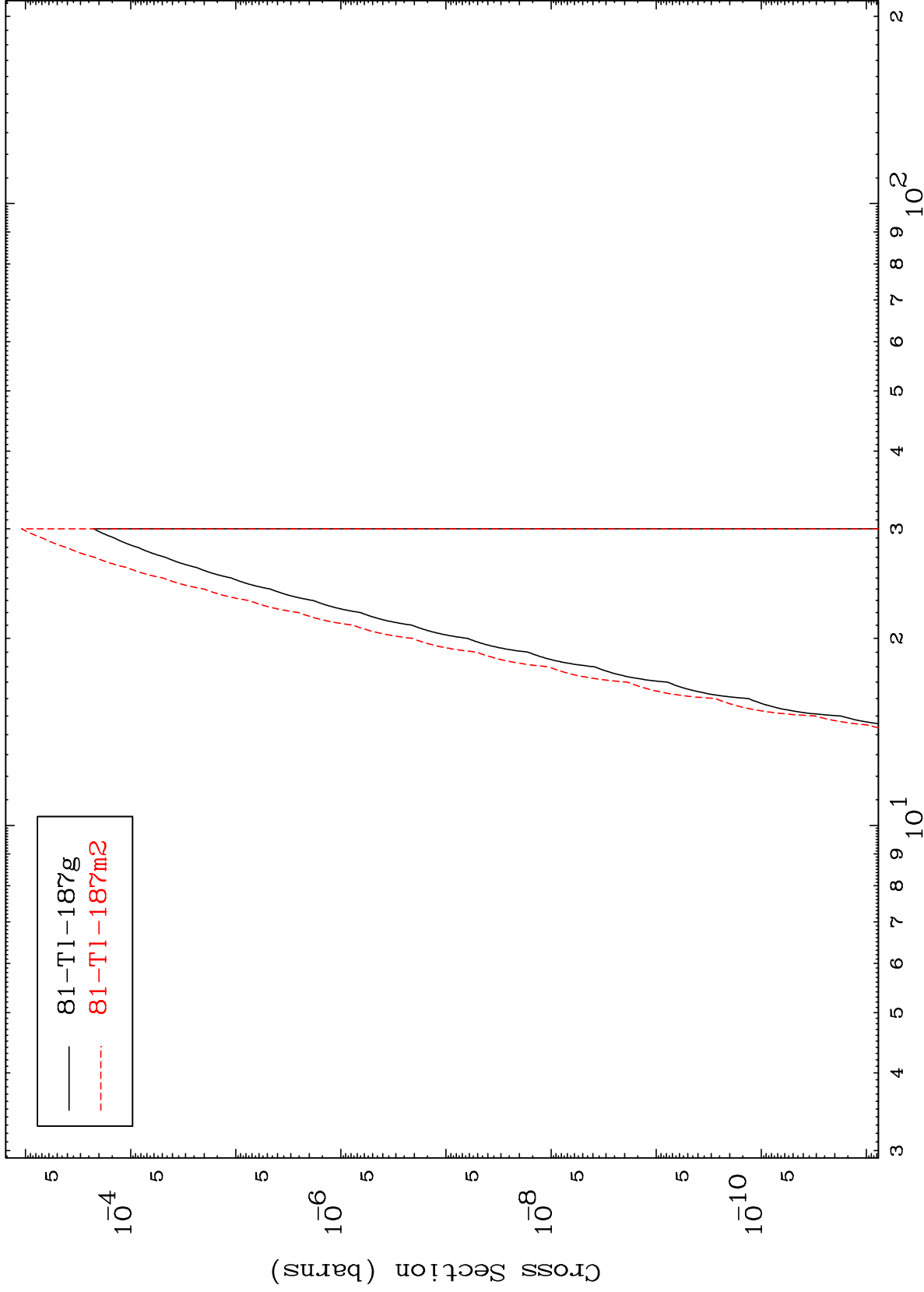
56

MAT 8268

(n,n') He-3

83-Bi-190

Radionuclide Production Cross Section



81-Tl-187g  
81-Tl-187m2

Incident Energy (MeV)

83-Bi-190

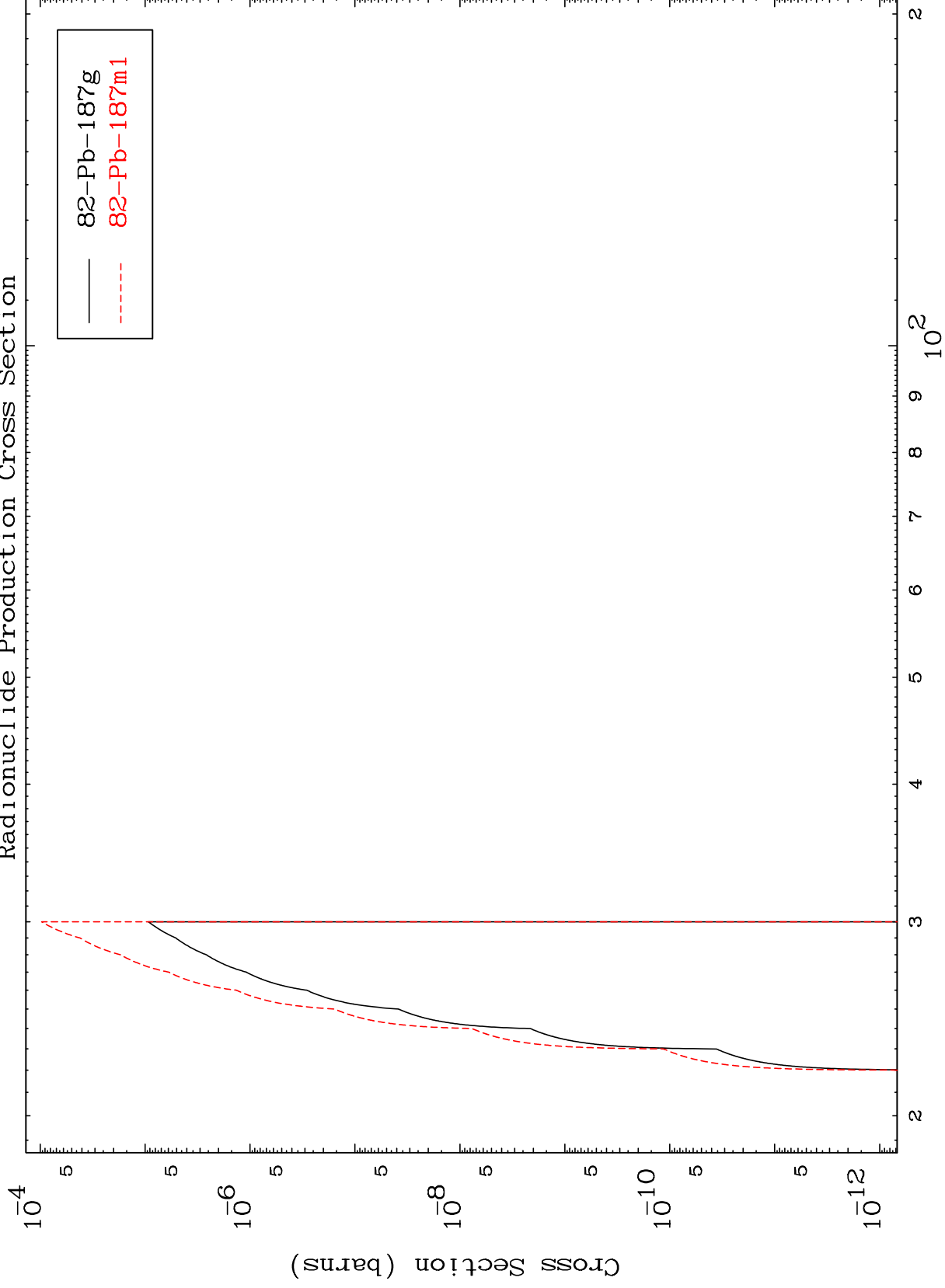
57

MAT 8268

(n,3n) p

83-Bi-190

Radionuclide Production Cross Section



58

Incident Energy (MeV)

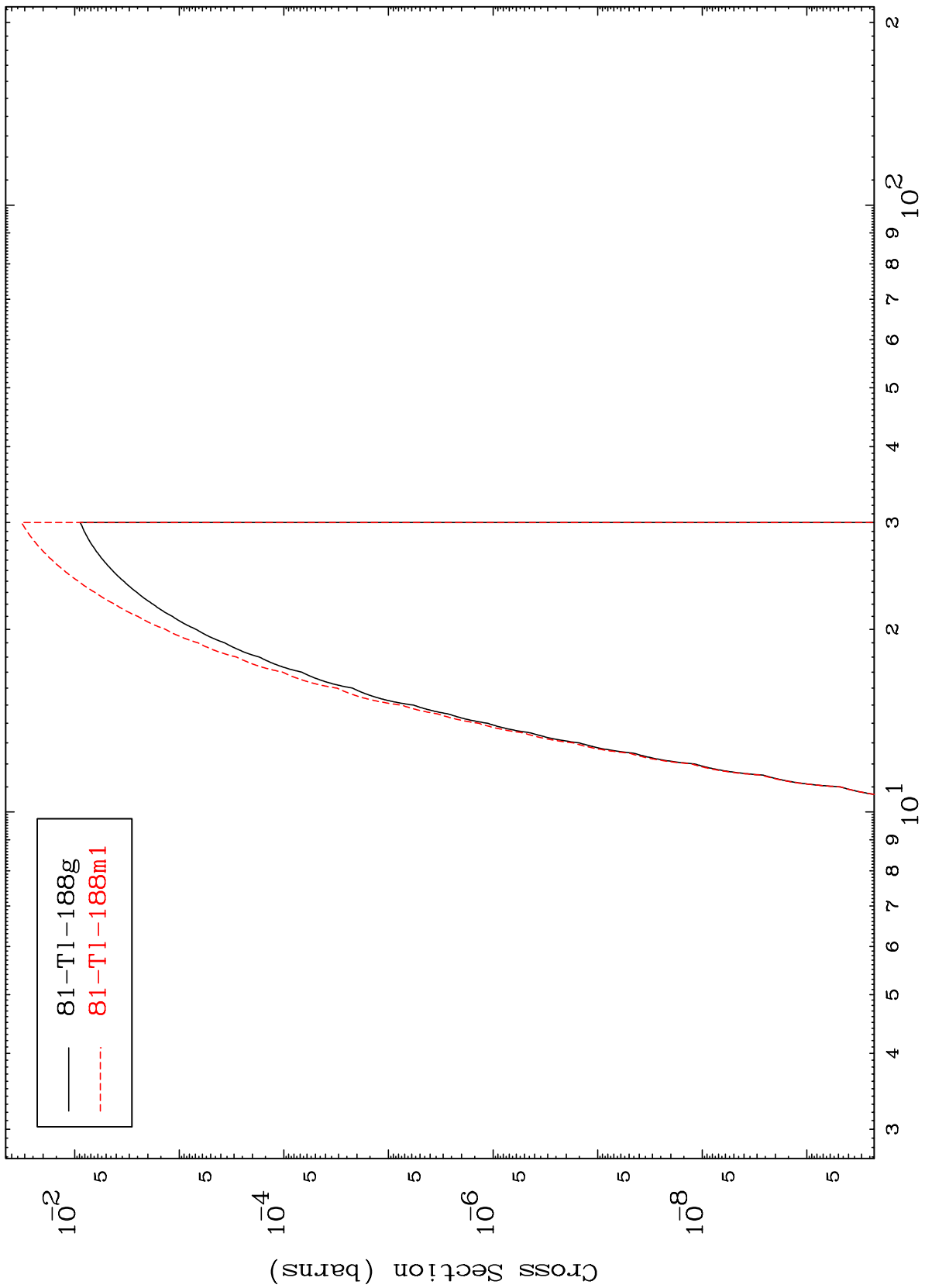
83-Bi-190

MAT 8268

(n,2n) p

83-Bi-190

Radionuclide Production Cross Section



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

59

Incident Energy (MeV)

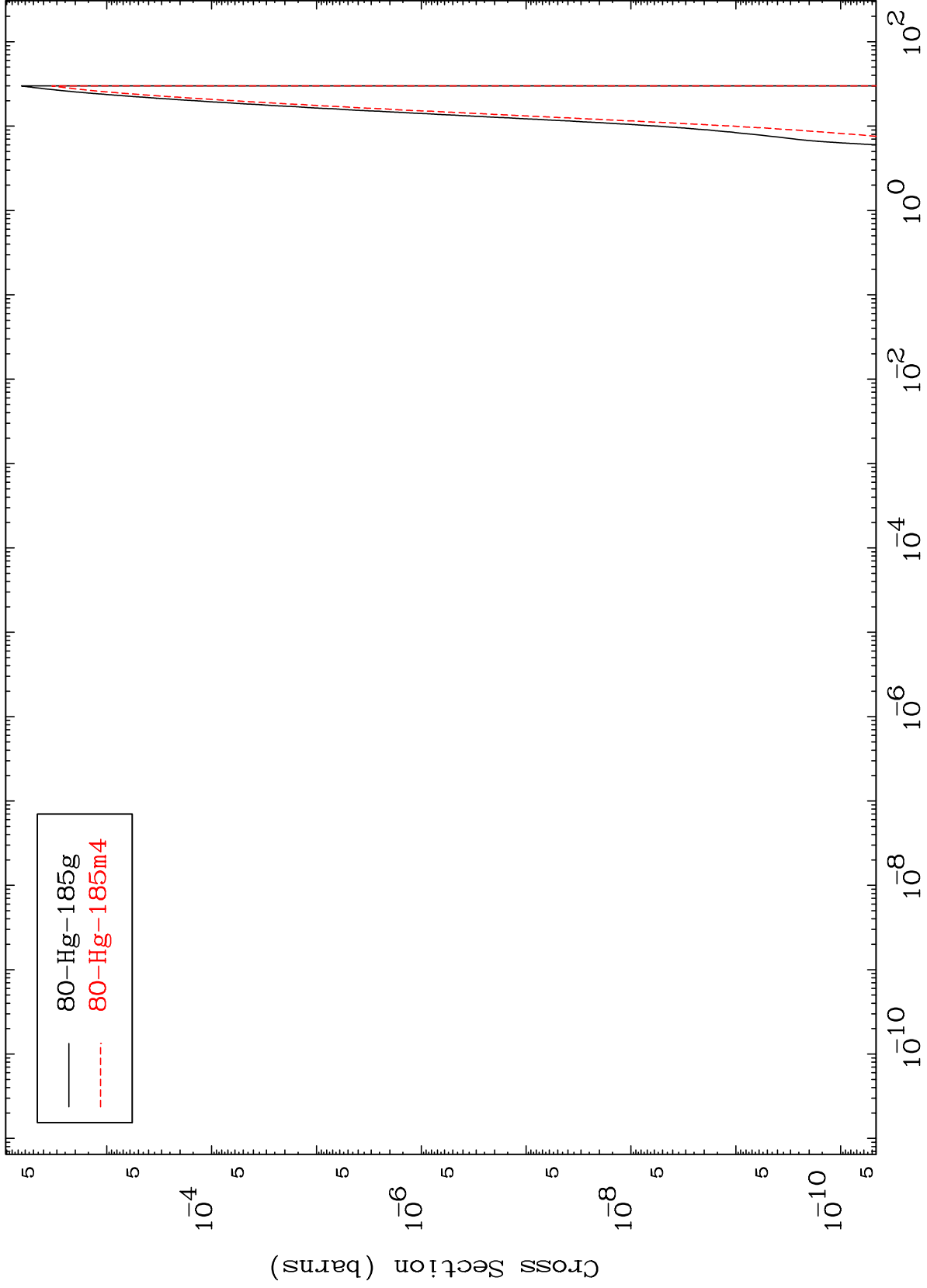
83-Bi-190

MAT 8268

(n,n') p  $\alpha$

83-Bi-190

Radionuclide Production Cross Section



60

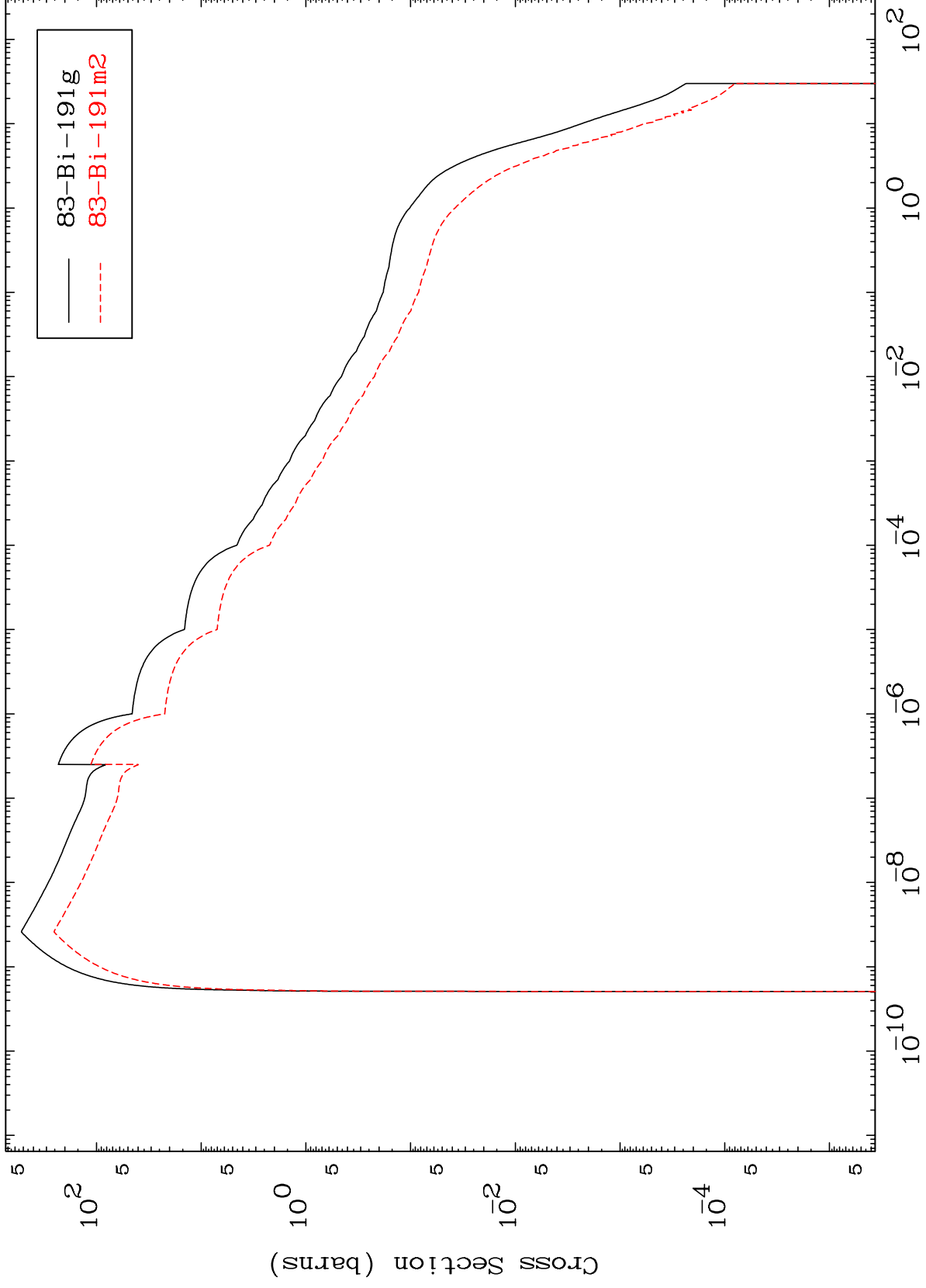
Incident Energy (MeV)

83-Bi-190

MAT 8268

$^{83}\text{Bi}-190$

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



61

$^{83}\text{Bi}-190$

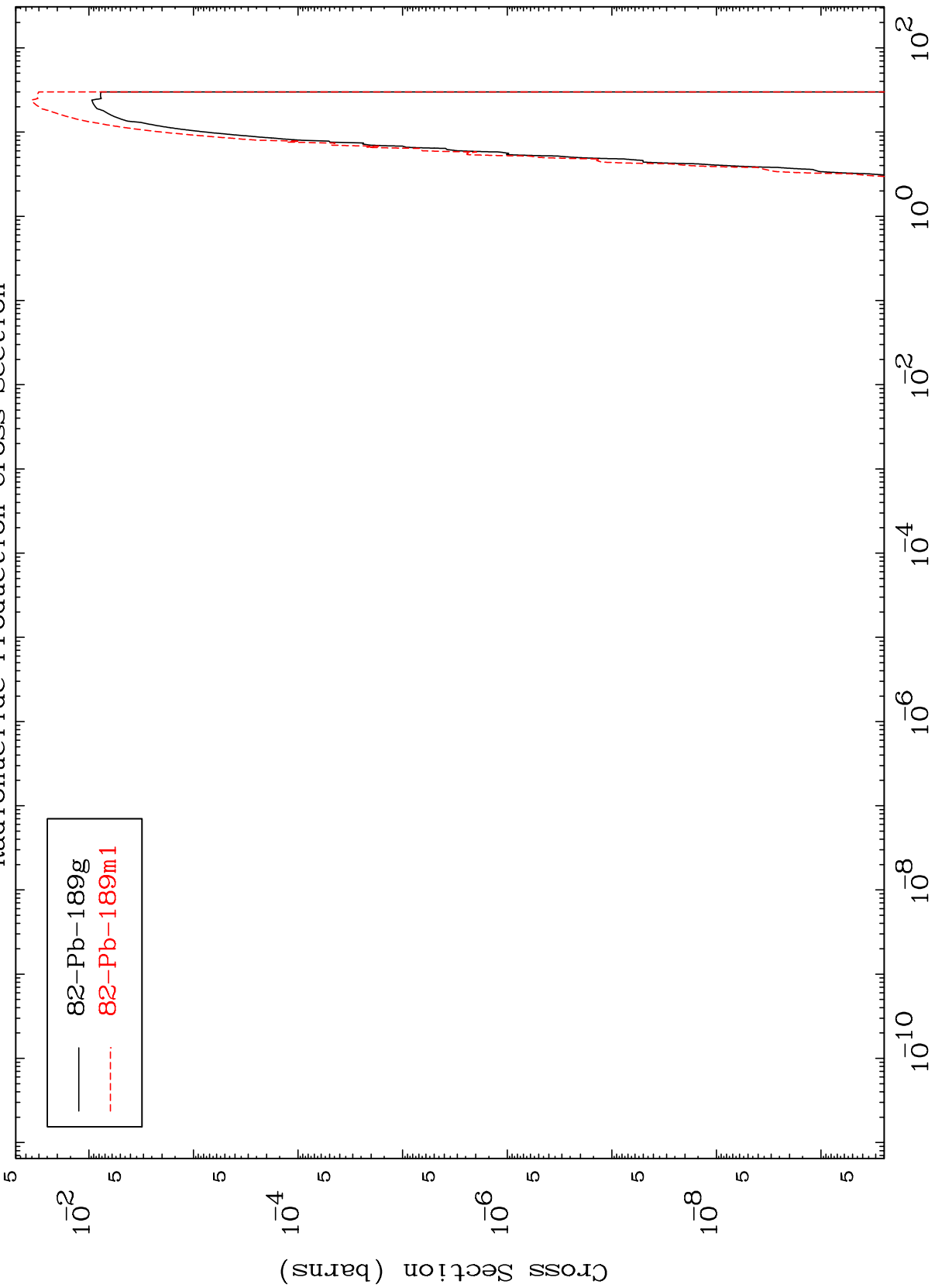
Incident Energy (MeV)

MAT 8268

(n,d)

<sup>83</sup>Bi-190

Radionuclide Production Cross Section



62

Incident Energy (MeV)

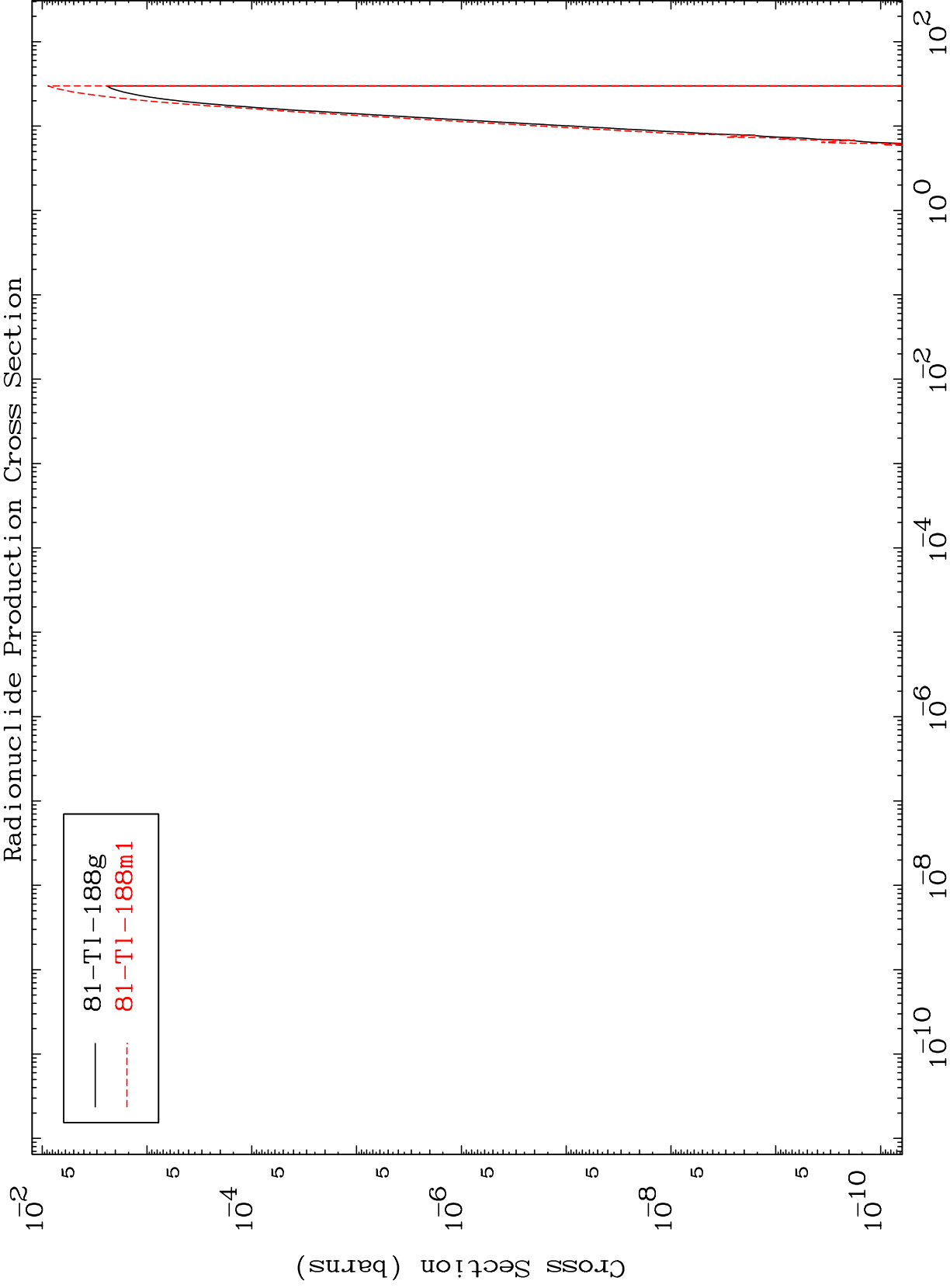
<sup>83</sup>Bi-190

MAT 8268

(n,He-3)

83-Bi-190

Radionuclide Production Cross Section



63

Incident Energy (MeV)

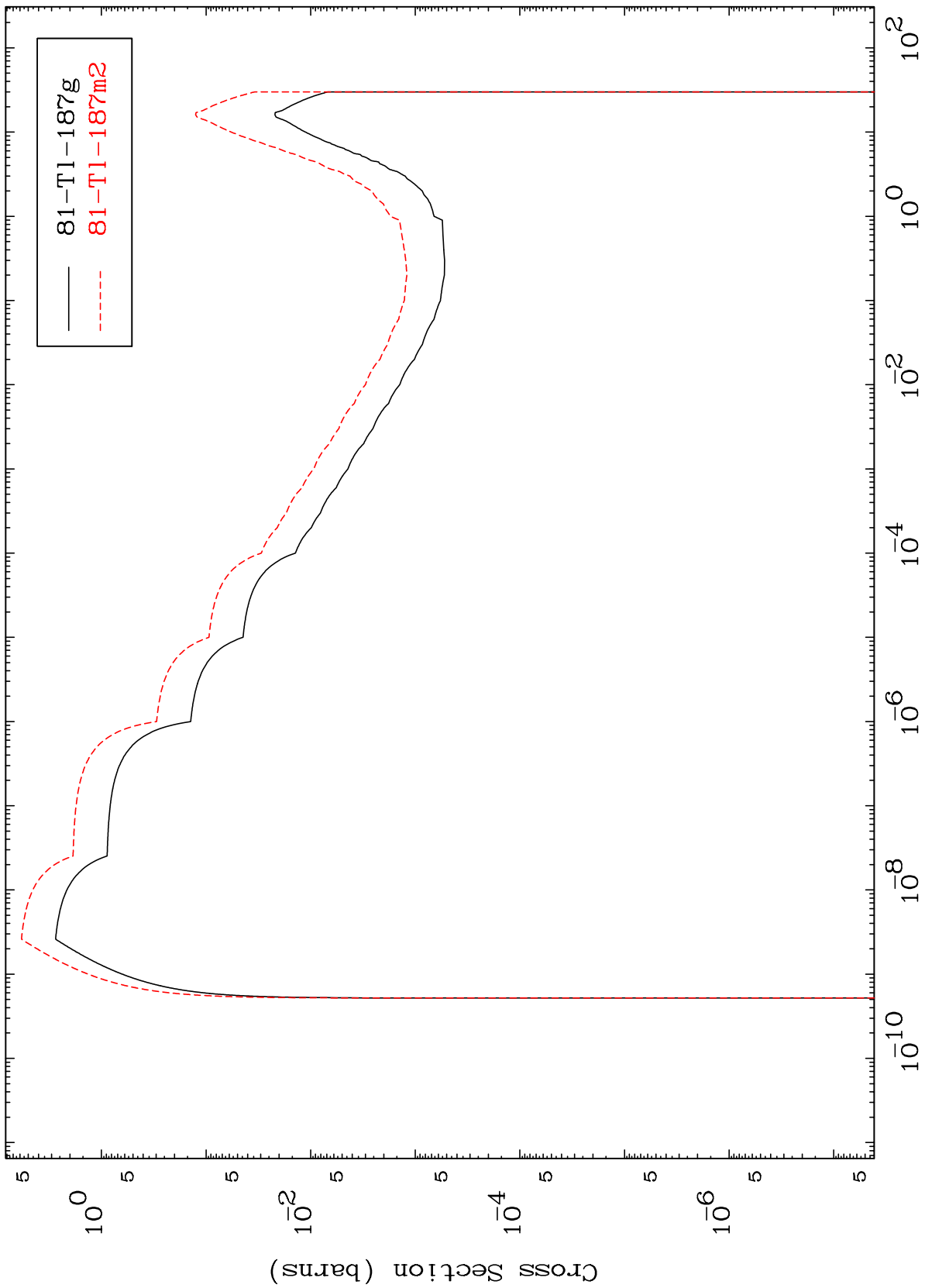
83-Bi-190



MAT 8268

83-Bi-190

(n,α)  
Radionuclide Production Cross Section



64

83-Bi-190

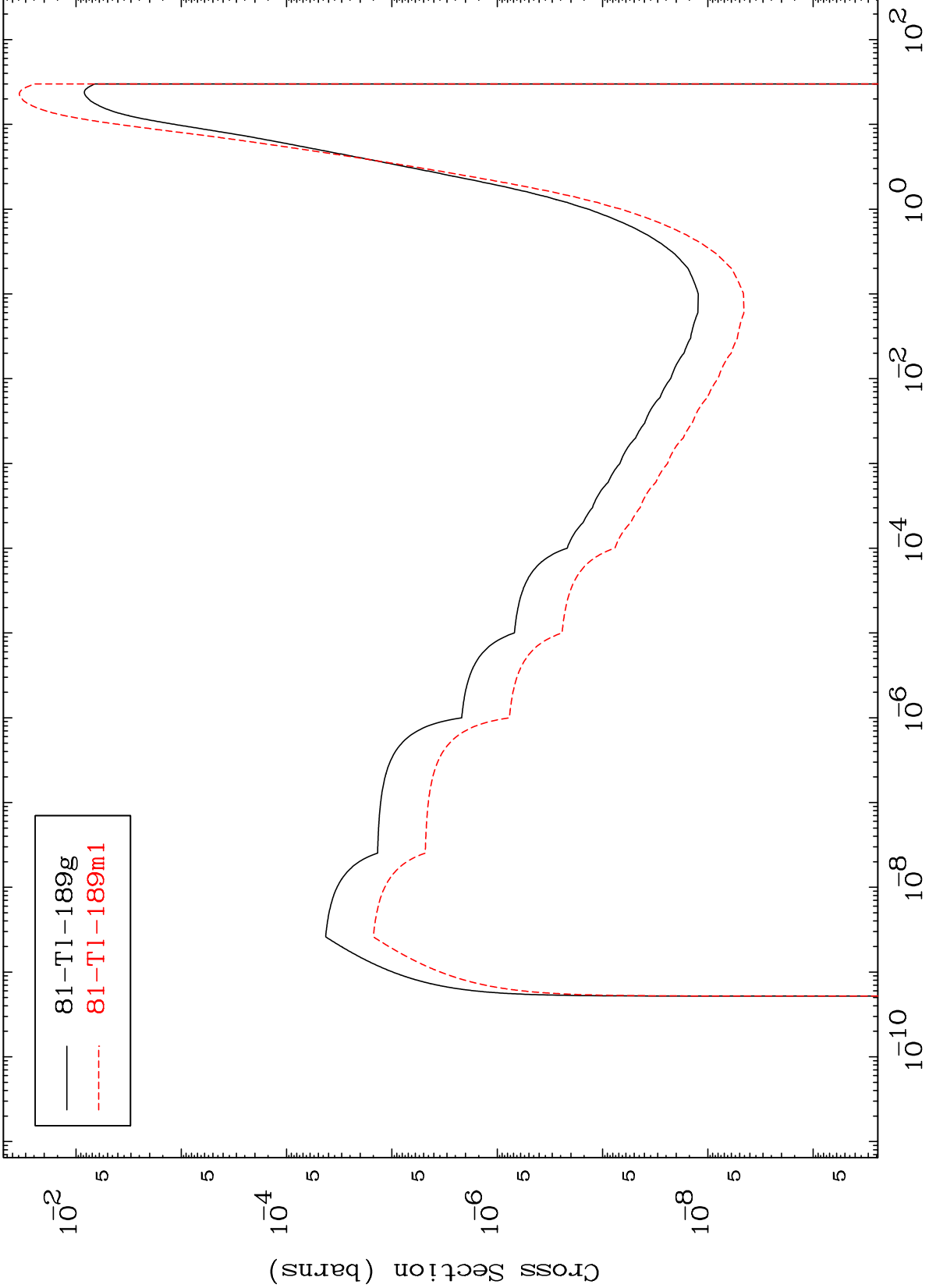
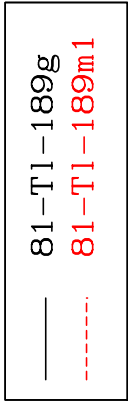
Incident Energy (MeV)

MAT 8268

(n,2p)

83-Bi-190

Radionuclide Production Cross Section



65

Incident Energy (MeV)

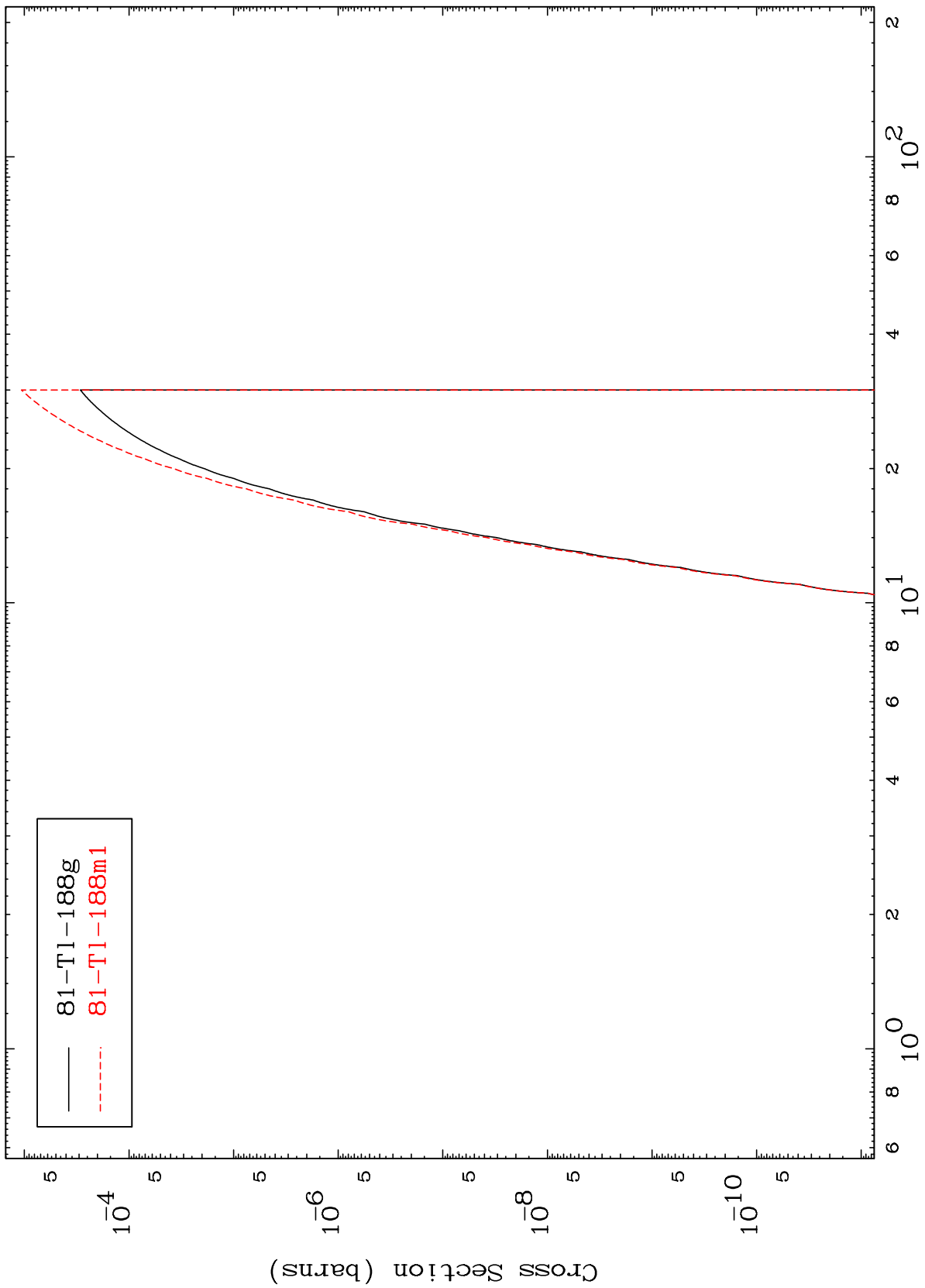
83-Bi-190

MAT 8268

(n,p) d

83-Bi-190

Radionuclide Production Cross Section



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

66

Incident Energy (MeV)

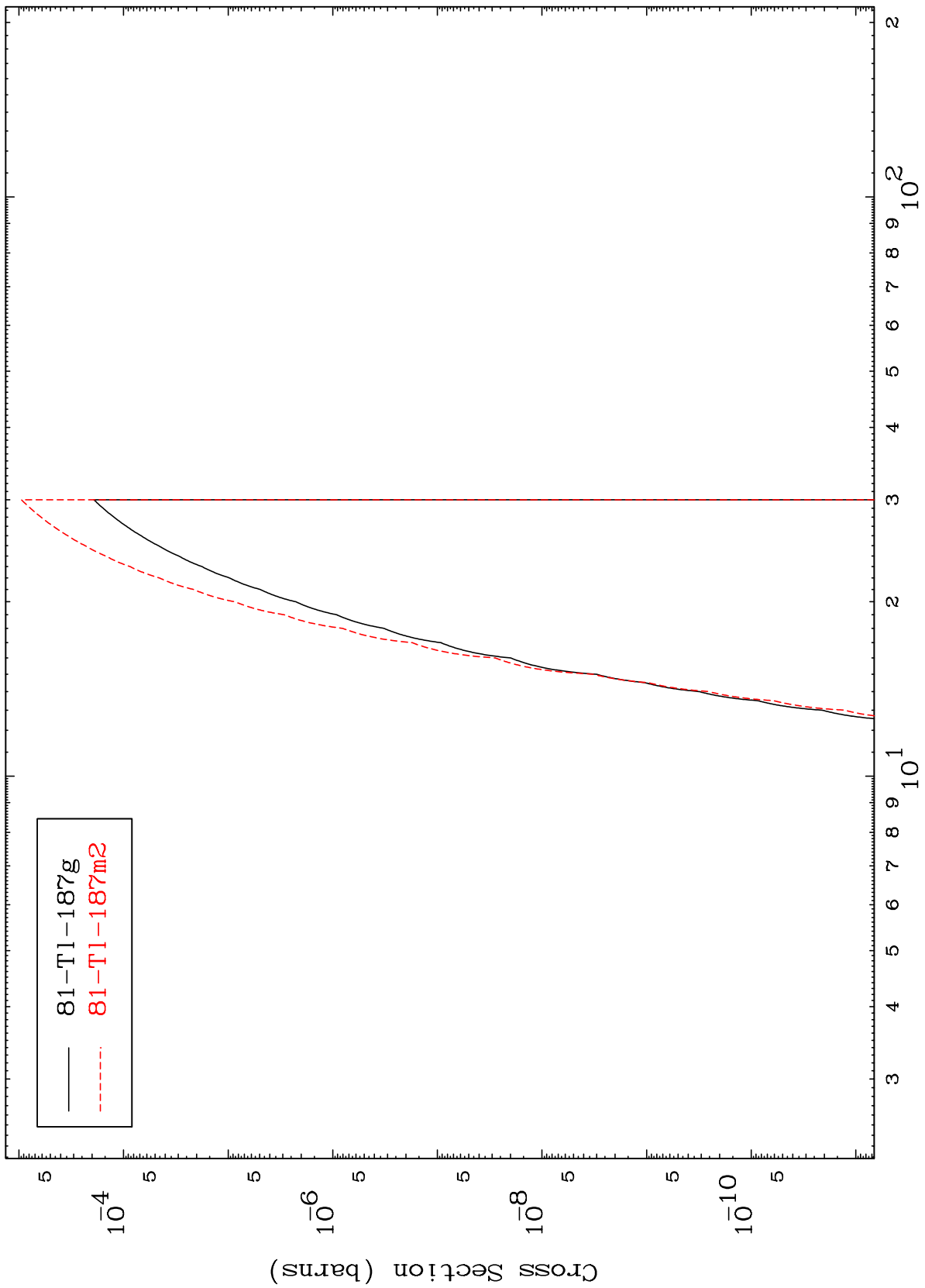
83-Bi-190

MAT 8268

(n,p) t

83-Bi-190

Radionuclide Production Cross Section



67

Incident Energy (MeV)

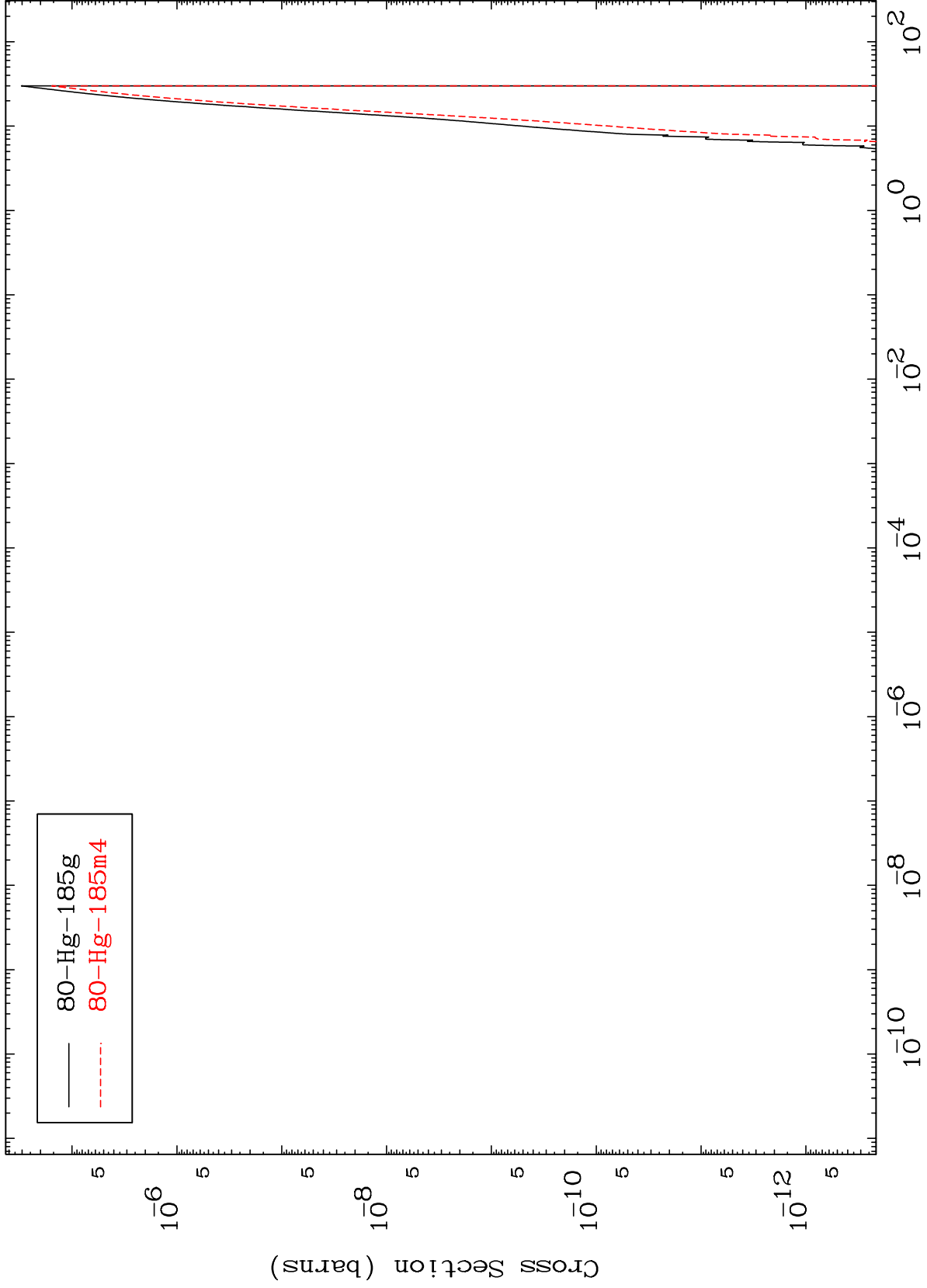
83-Bi-190

MAT 8268

(n,d)  $\alpha$

83-Bi-190

Radionuclide Production Cross Section



68

Incident Energy (MeV)

83-Bi-190