

Program EVALPLOT  
(Version 2018-1)

by

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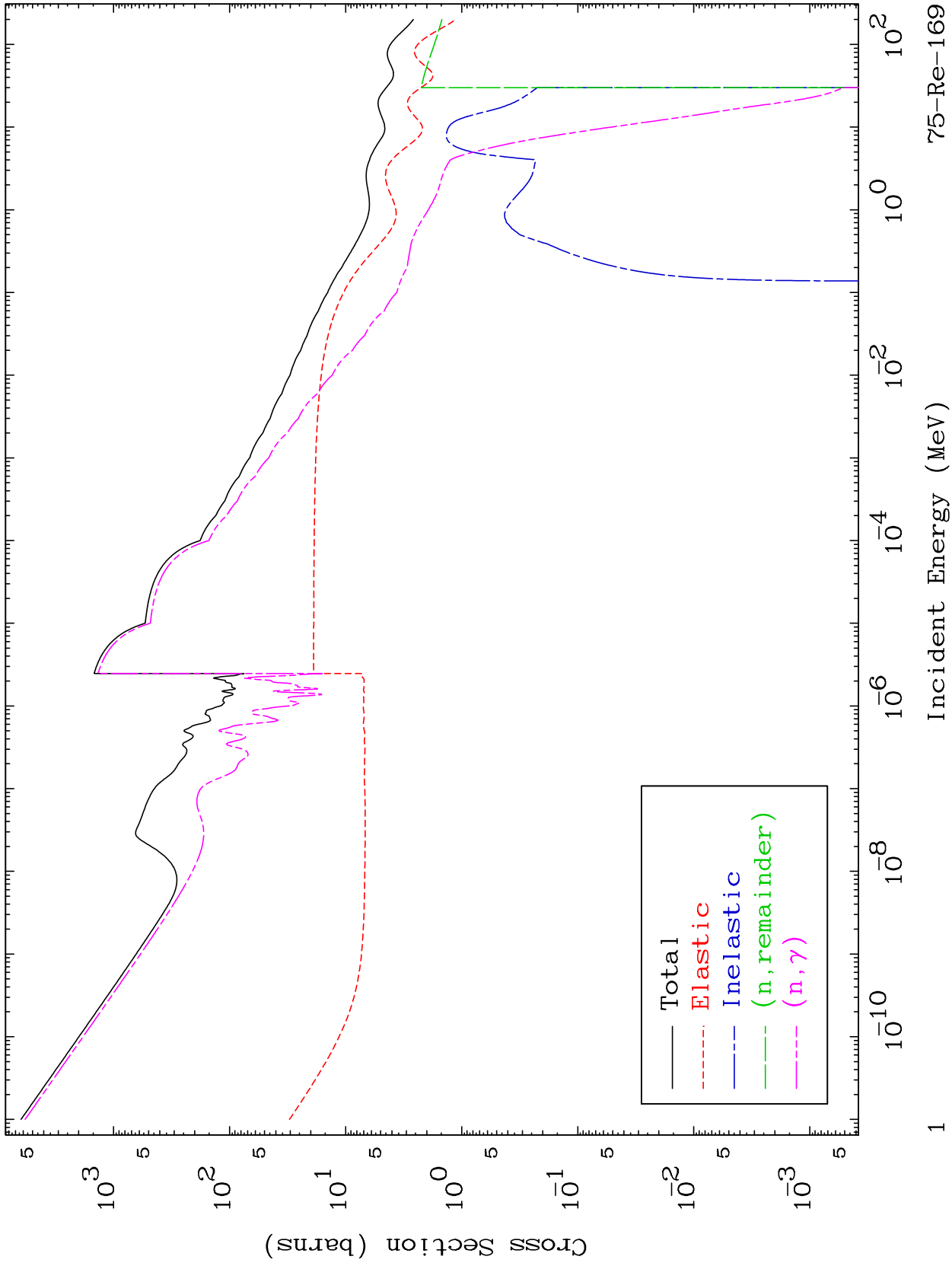
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7477

Major  
293 Kelvin Cross Sections

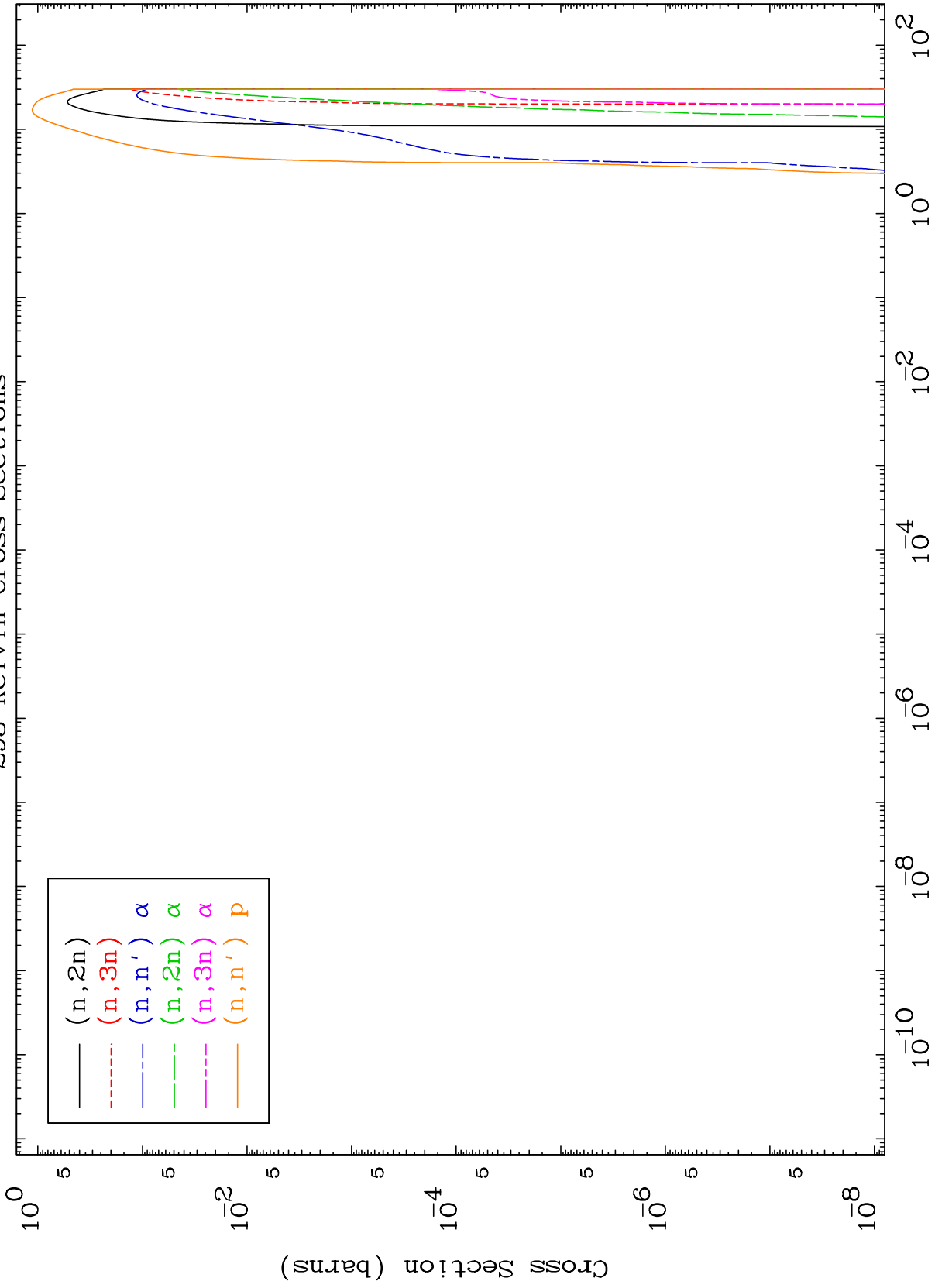
75-Re-169



MAT 7477

Neutron Production  
293 Kelvin Cross Sections

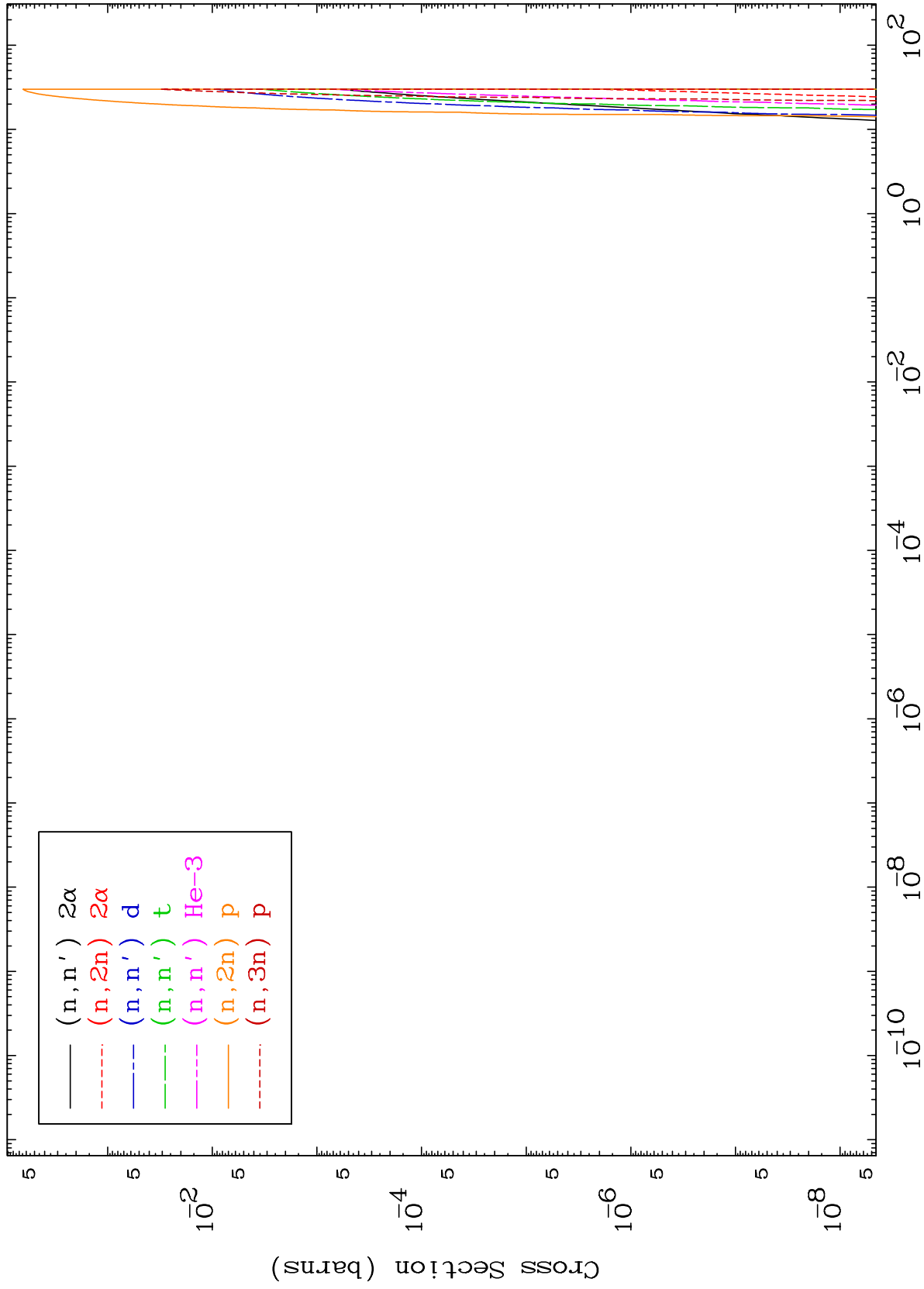
75-Re-169



2

Incident Energy (MeV)

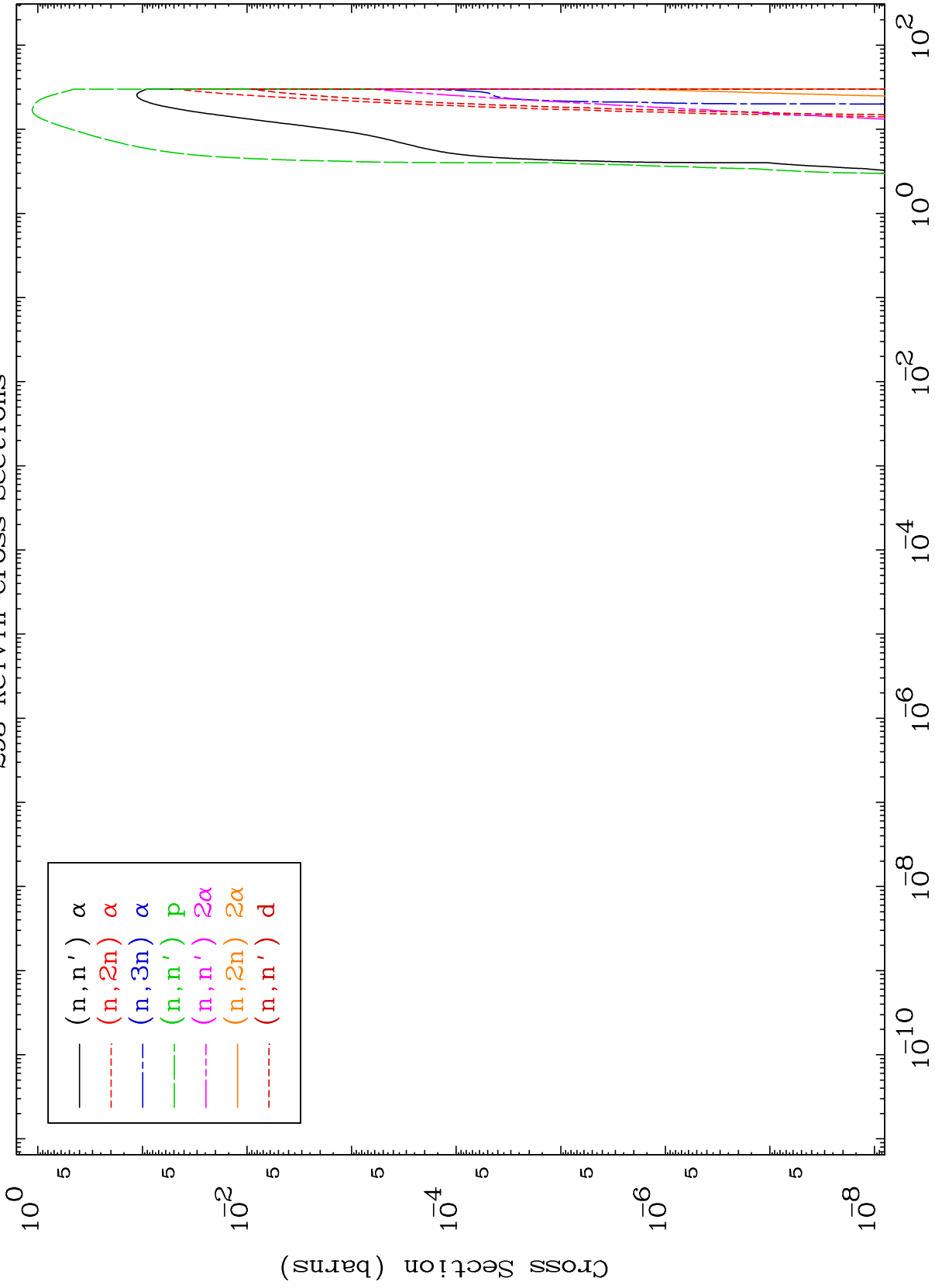
75-Re-169



MAT 7477

293 Kelvin Cross Sections

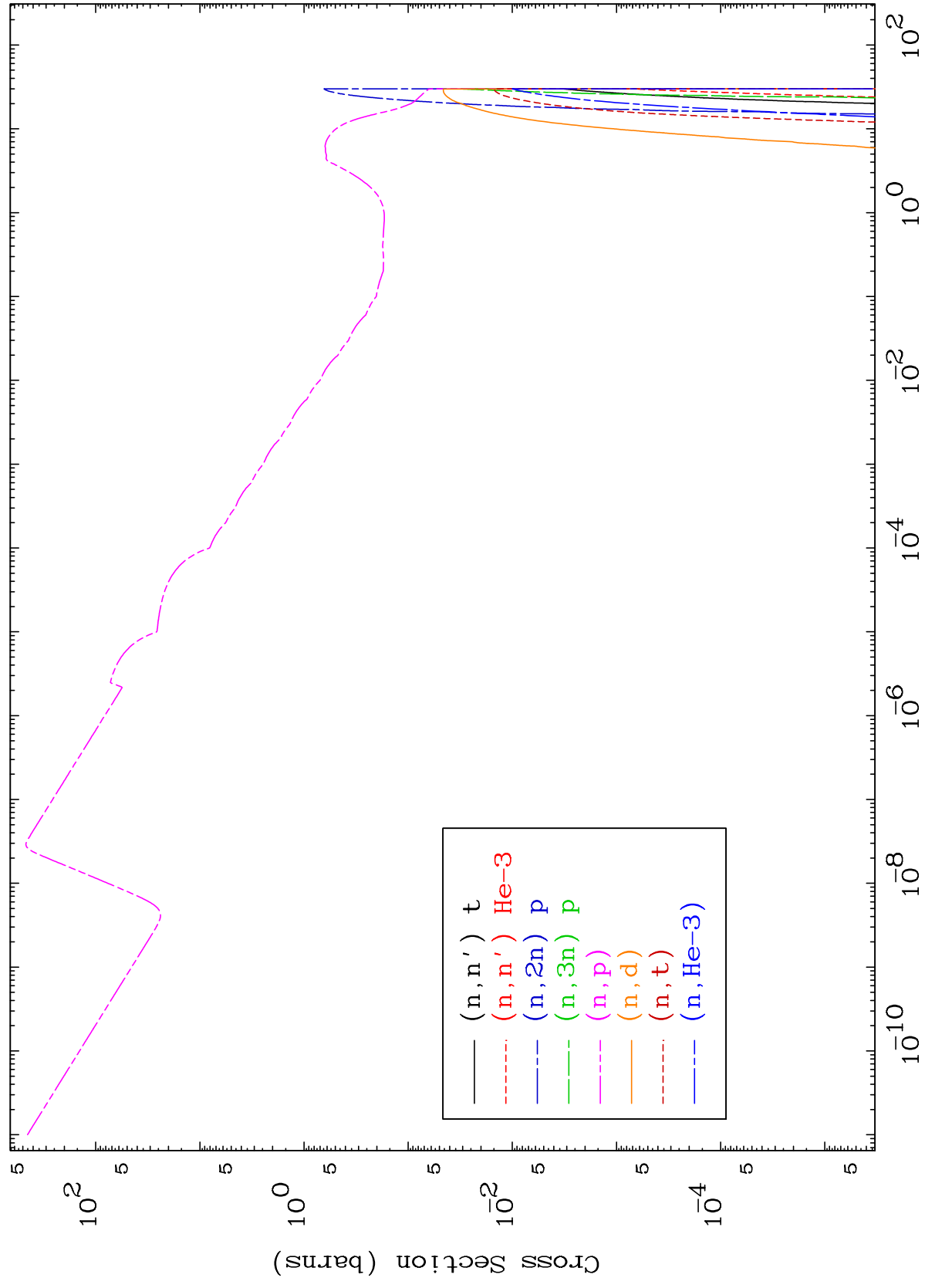
75-Re-169



MAT 7477

Charged Particle  
293 Kelvin Cross Sections

75-Re-169

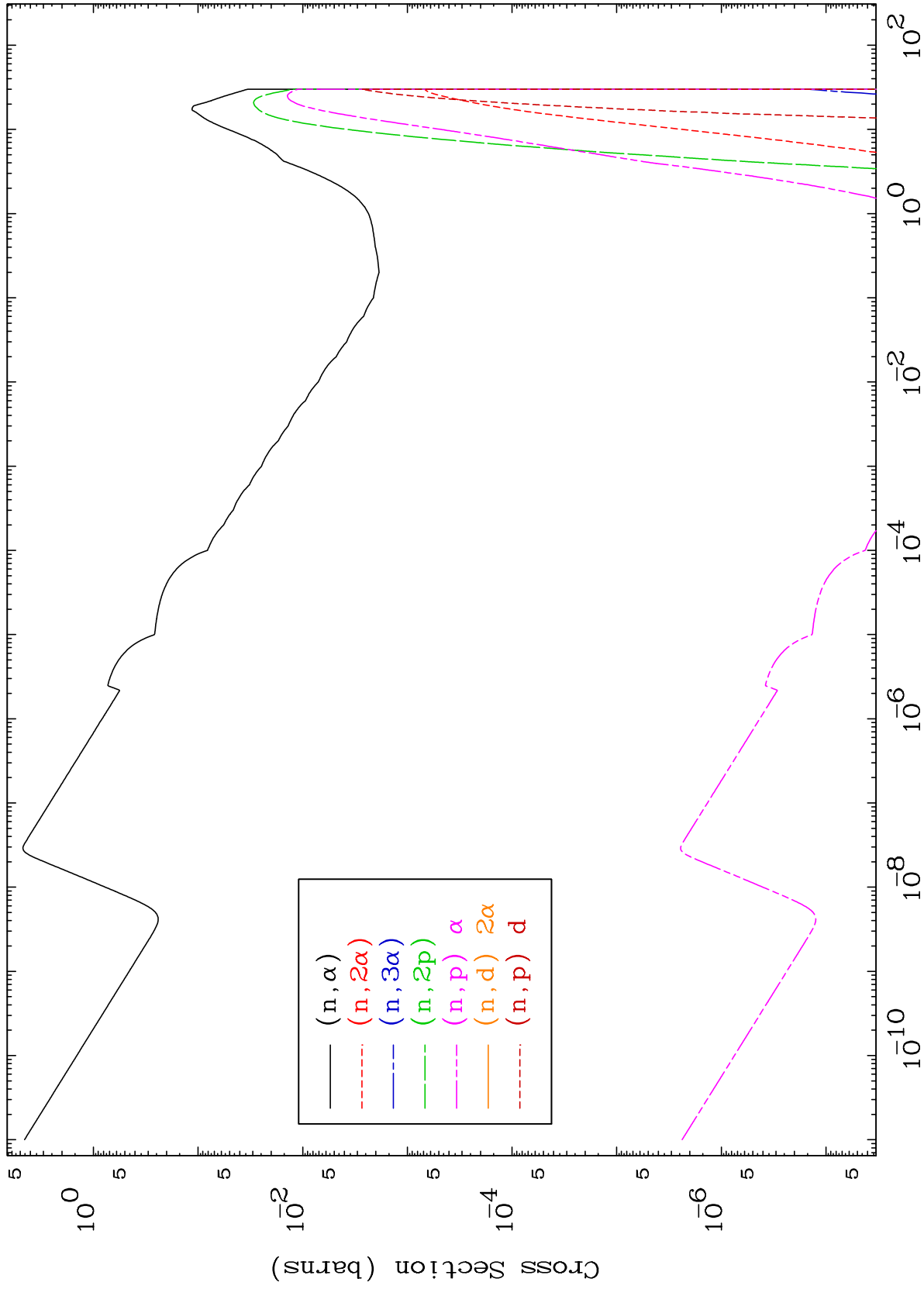


75-Re-169

MAT 7477

Charged Particle  
293 Kelvin Cross Sections

75-Re-169



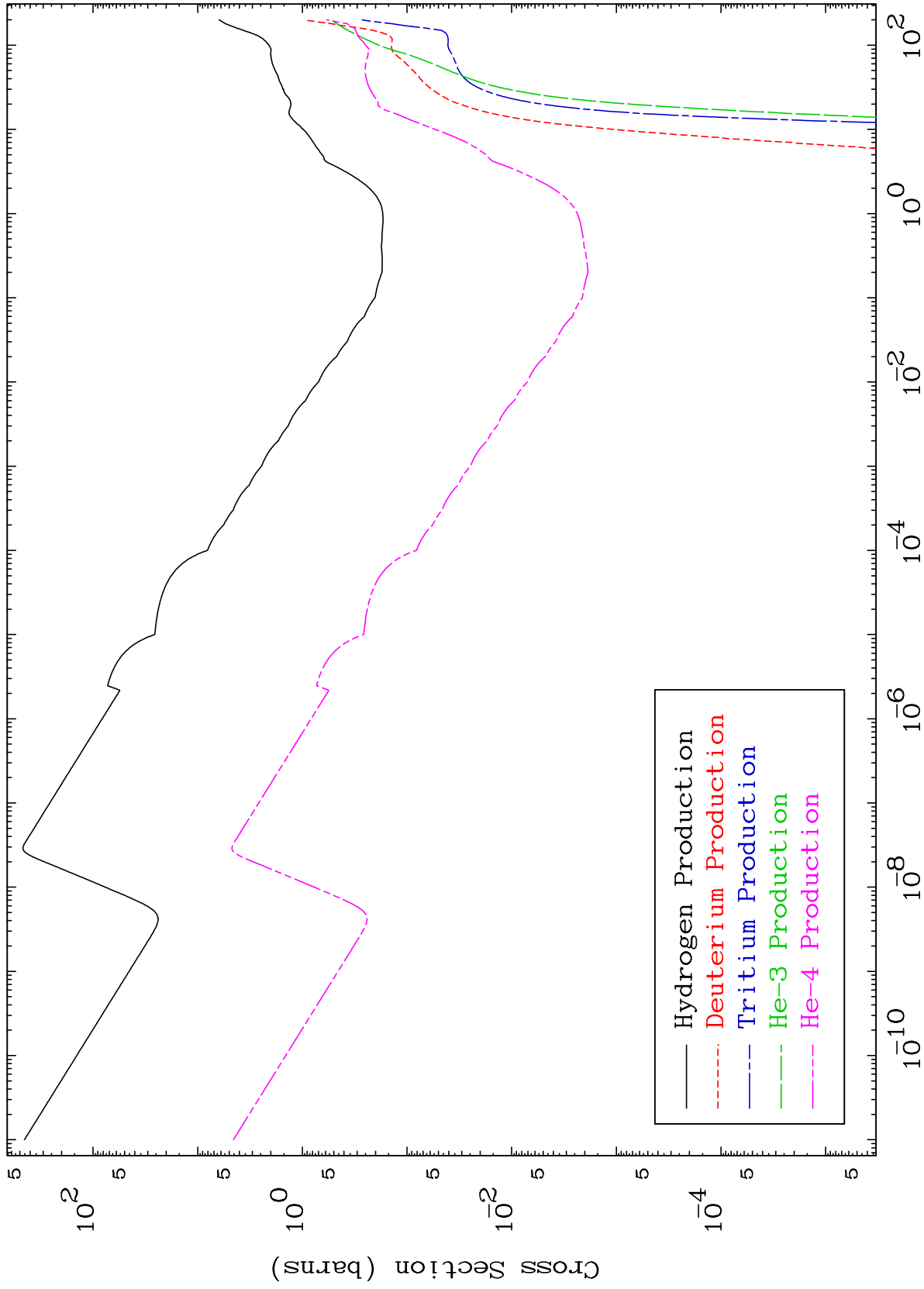
75-Re-169

Incident Energy (MeV)

MAT 7477

Particle Production  
293 Kelvin Cross Sections

75-Re-169

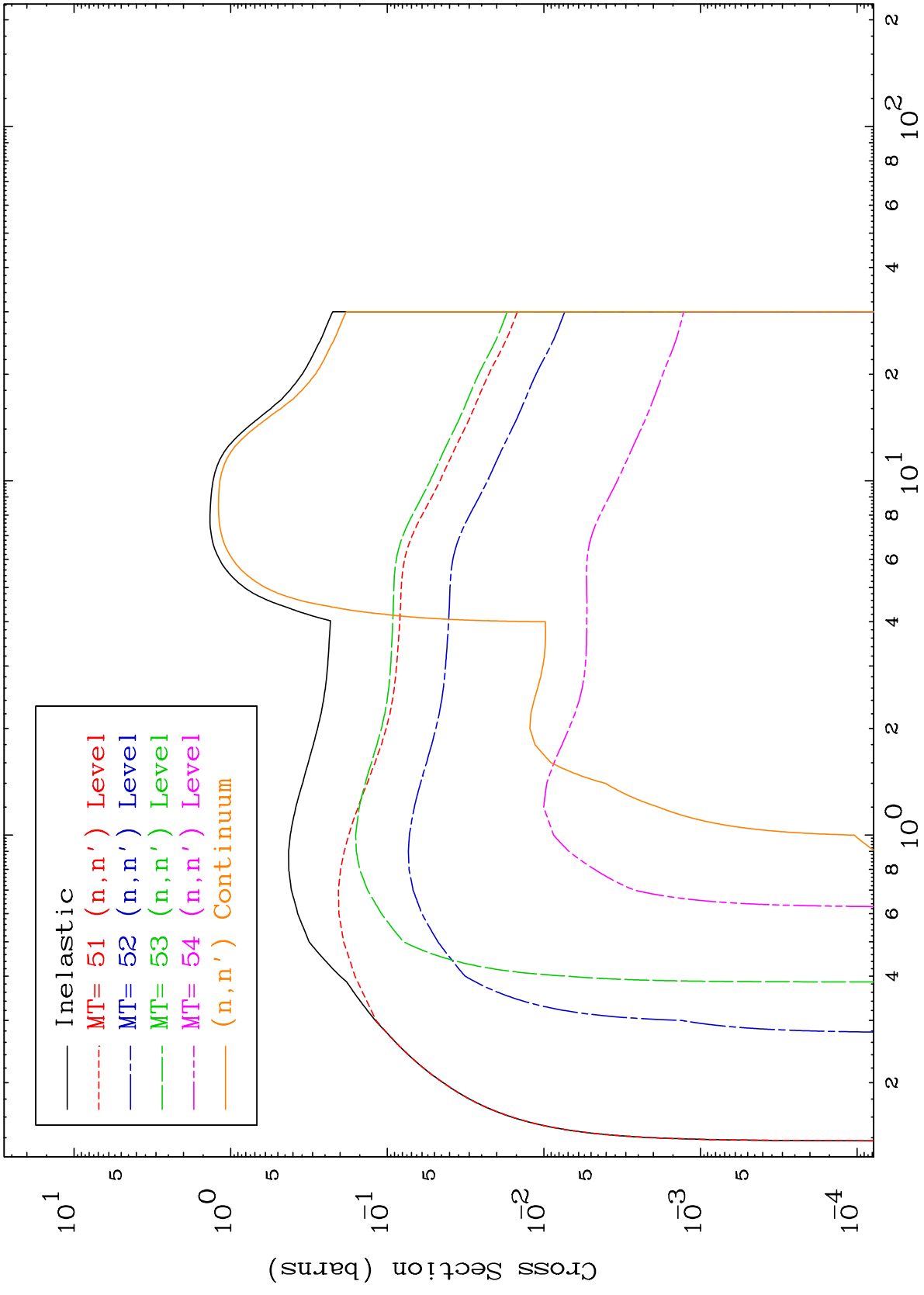


7

Incident Energy (MeV)

75-Re-169

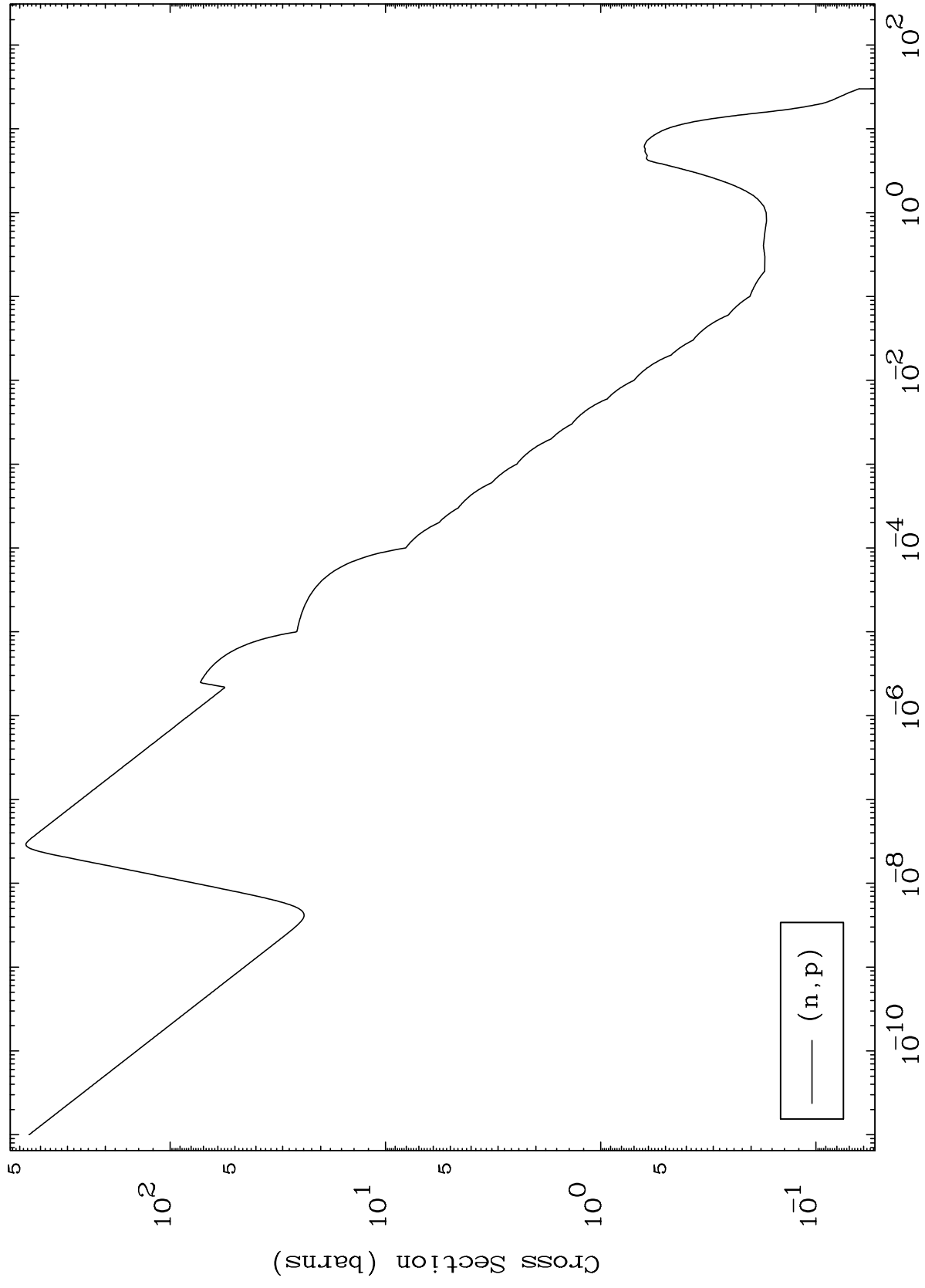




MAT 7477

(n,p) Levels  
293 Kelvin Cross Sections

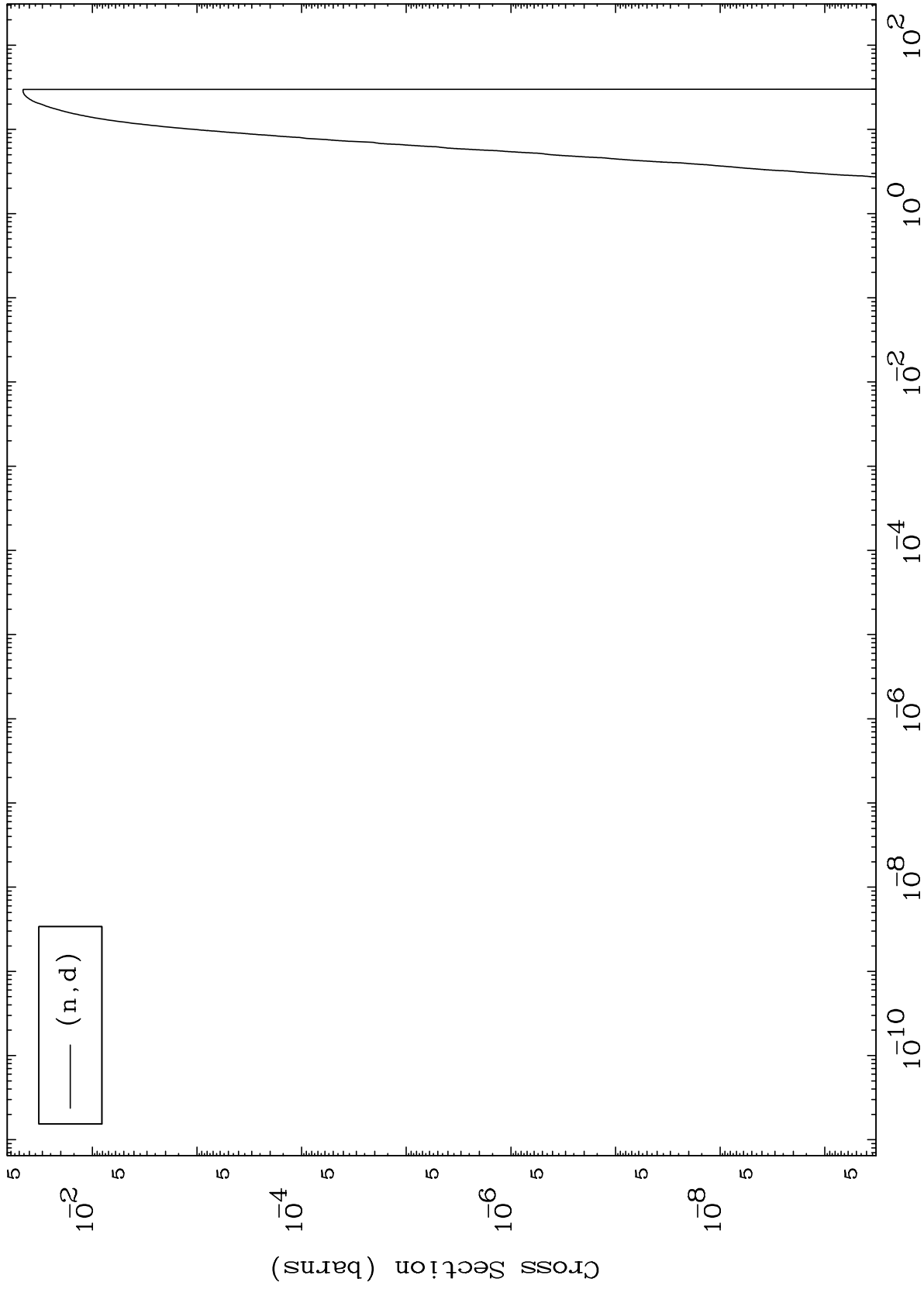
75-Re-169



MAT 7477

(n,d) Levels  
293 Kelvin Cross Sections

75-Re-169



10

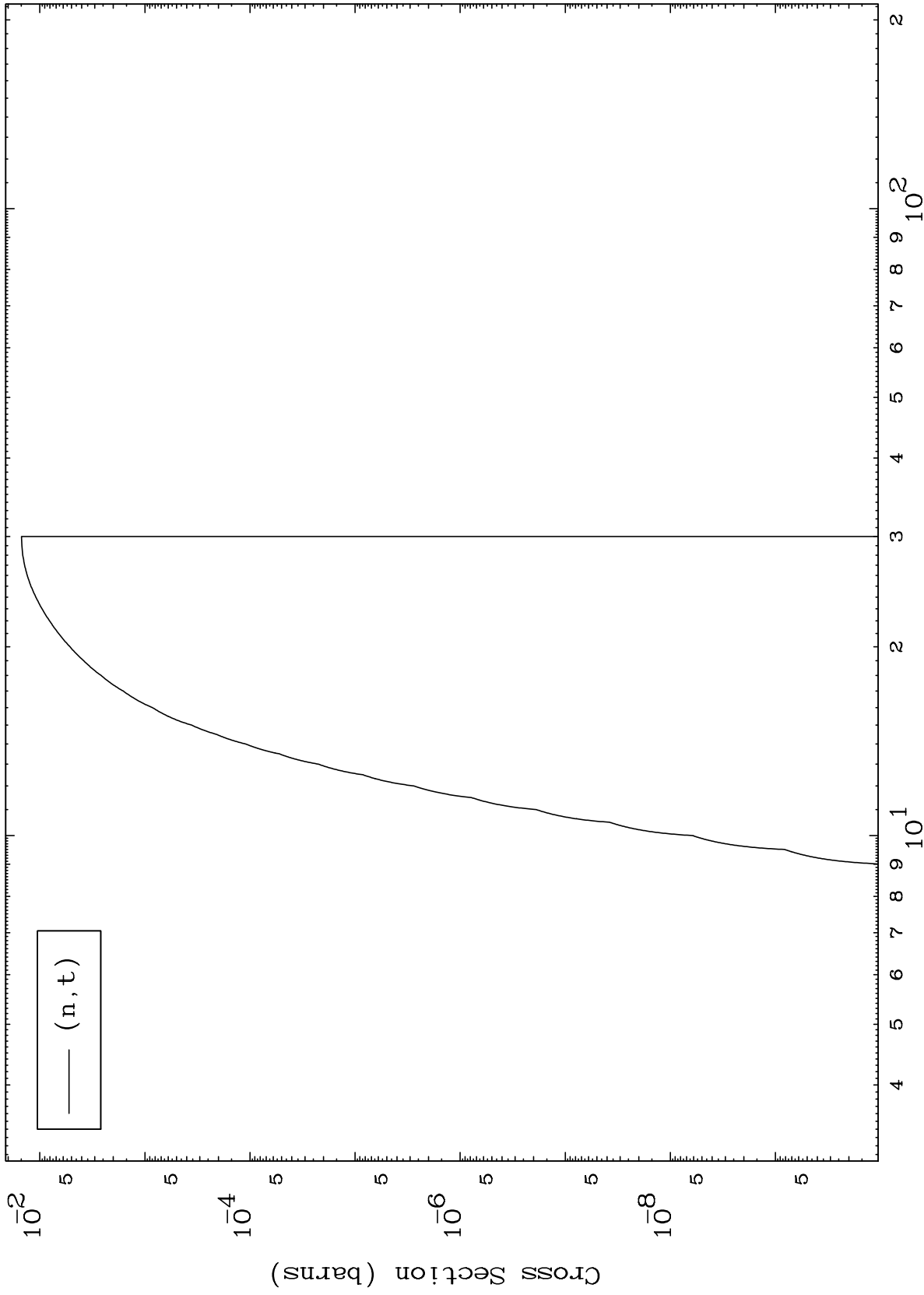
Incident Energy (MeV)

75-Re-169

MAT 7477

(n,t) Levels  
293 Kelvin Cross Sections

75-Re-169



11

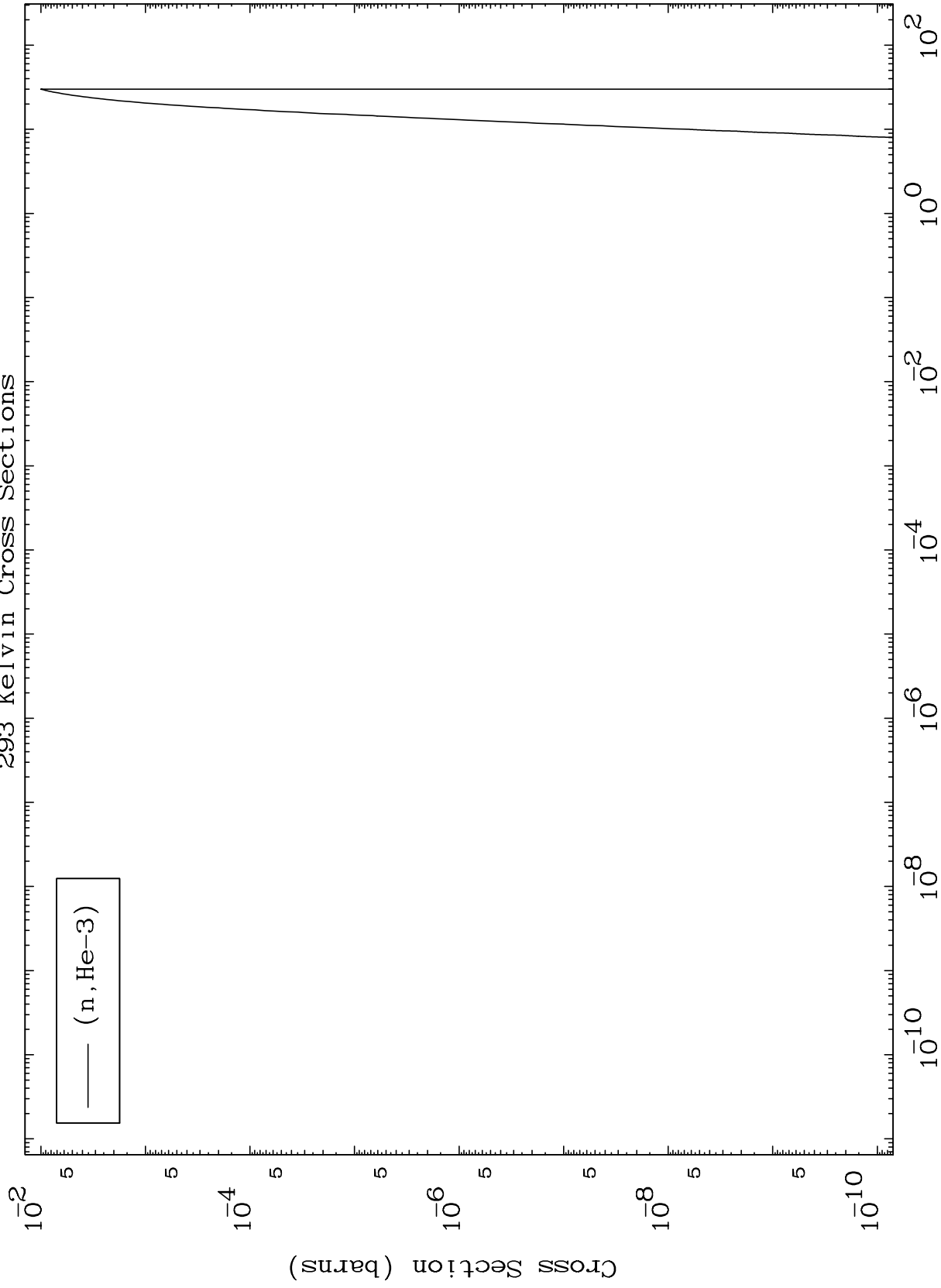
Incident Energy (MeV)

75-Re-169

MAT 7477

(n,He3) Levels  
293 Kelvin Cross Sections

75-Re-169



12

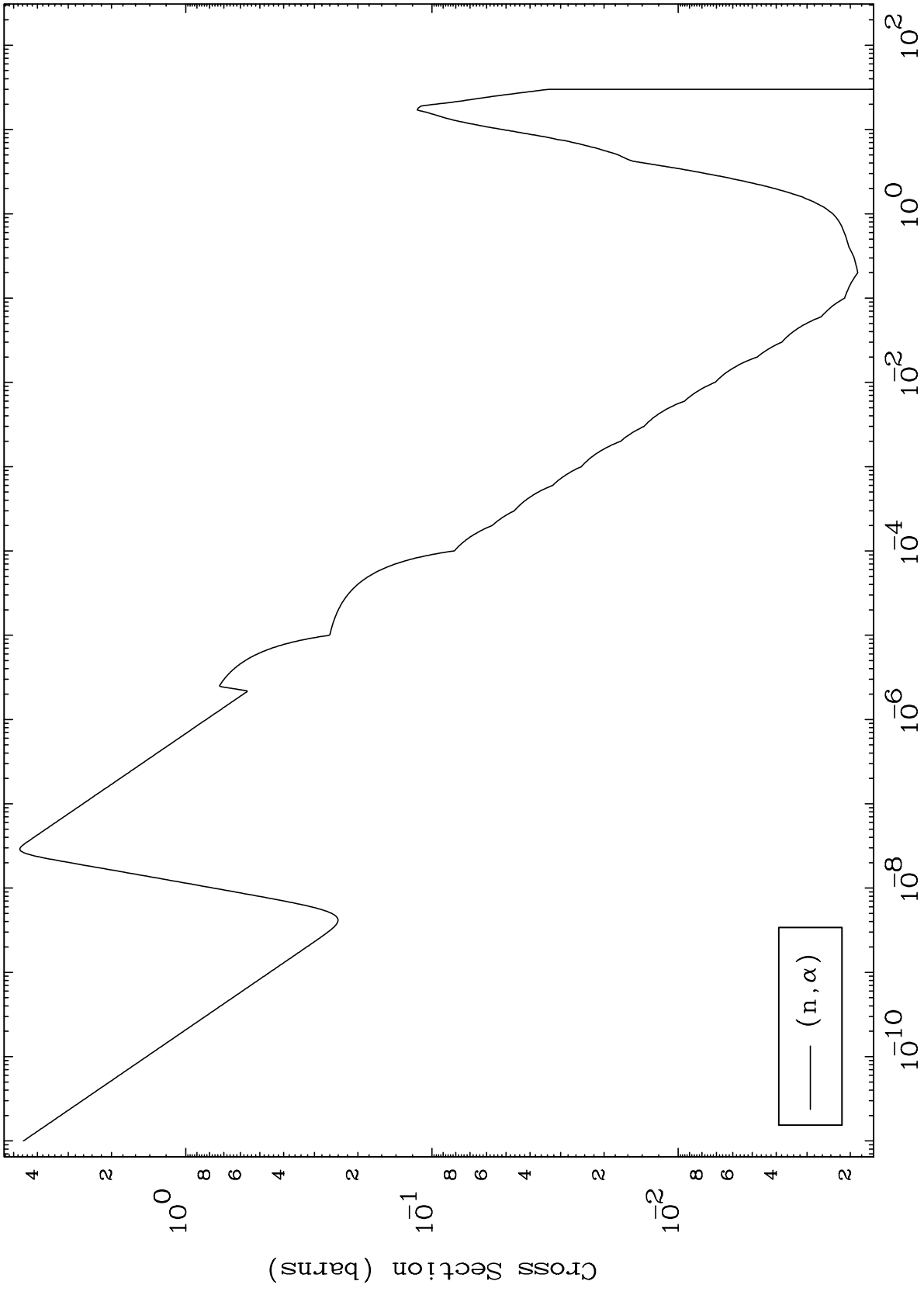
Incident Energy (MeV)

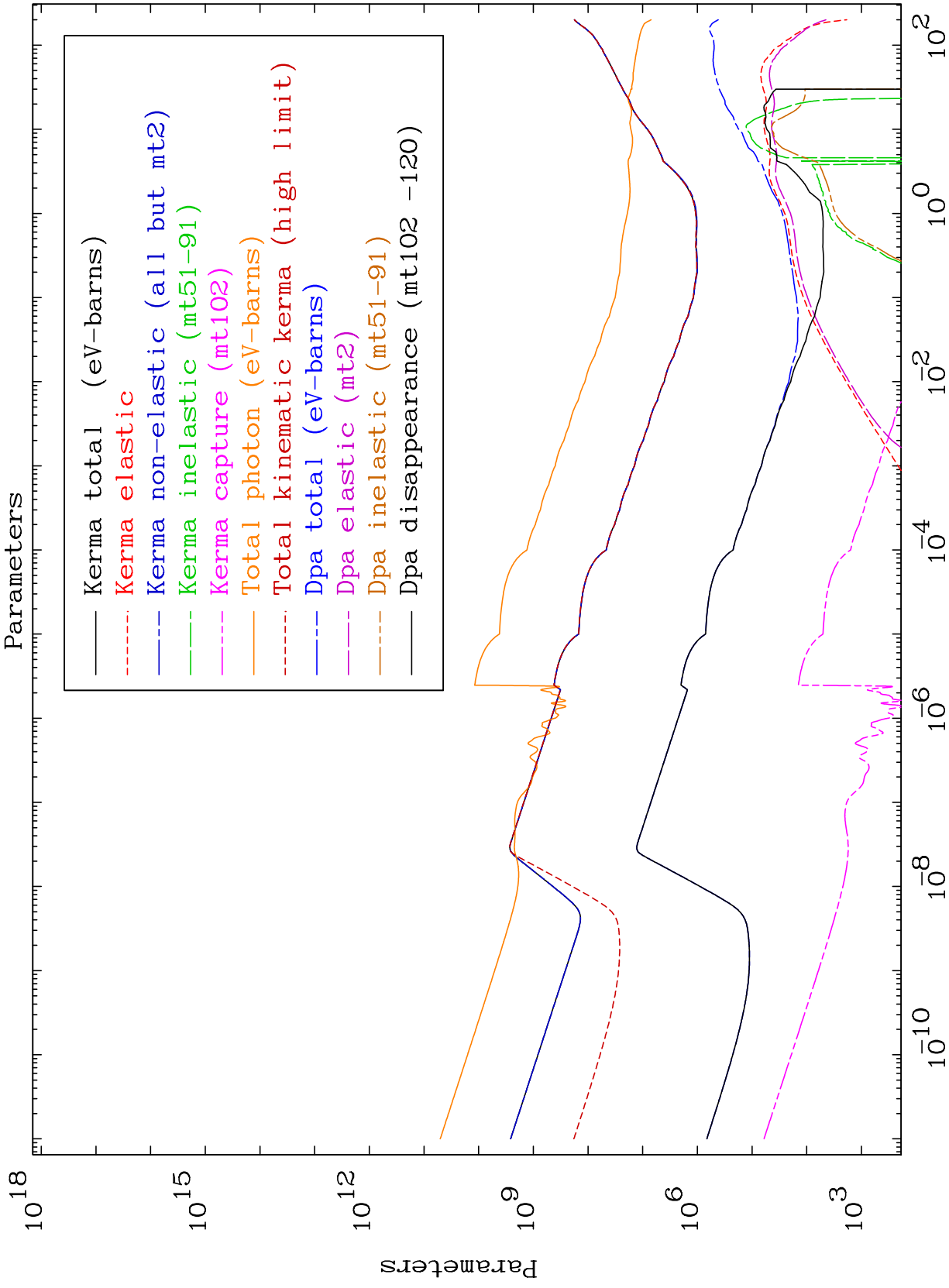
75-Re-169

MAT 7477

(n,α) Levels  
293 Kelvin Cross Sections

75-Re-169

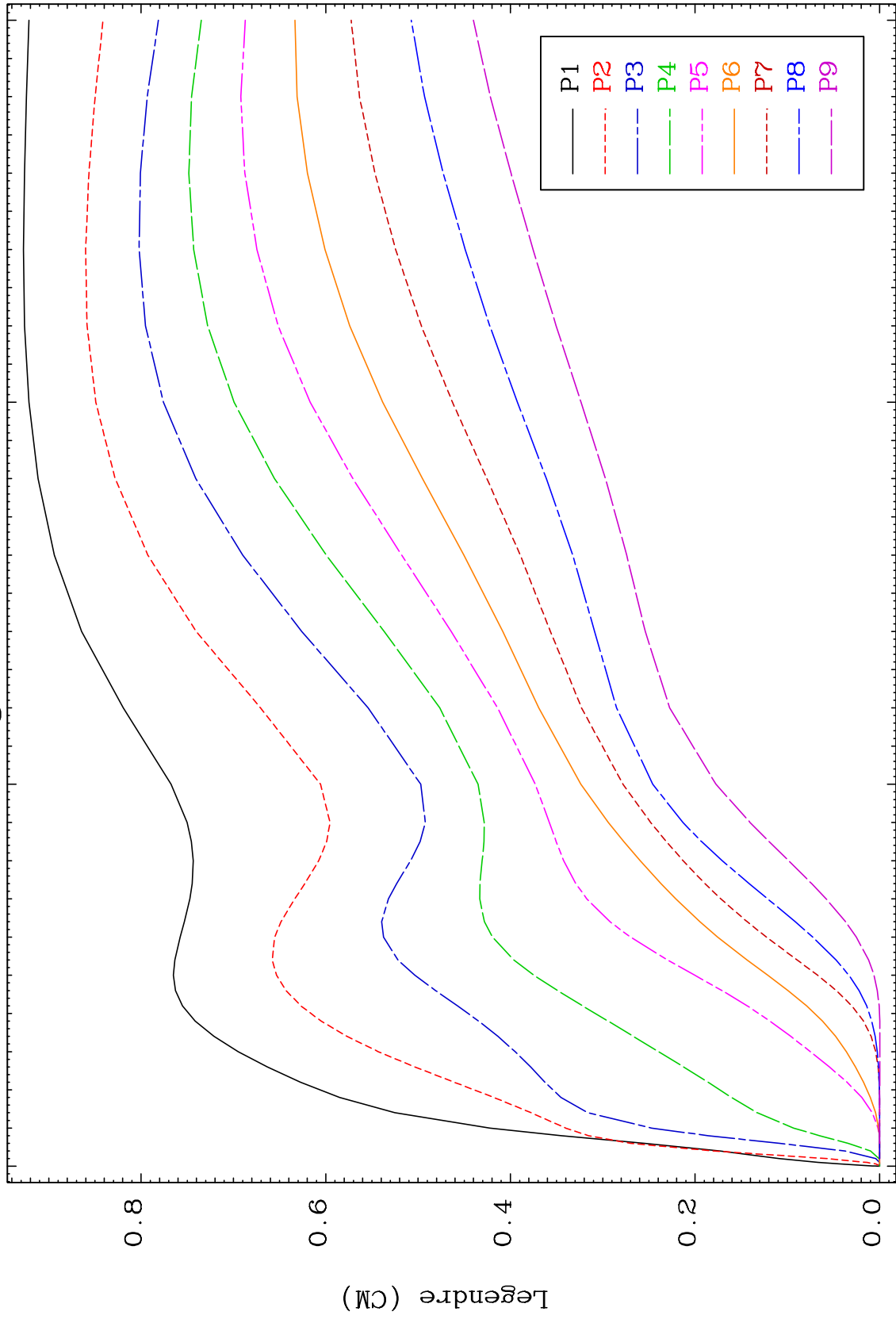




MAT 7477

Elastic Legendre Coefficients

75-Re-169



0

0.0

0.2

0.4

0.6

0.8

75-Re-169

30

20

10

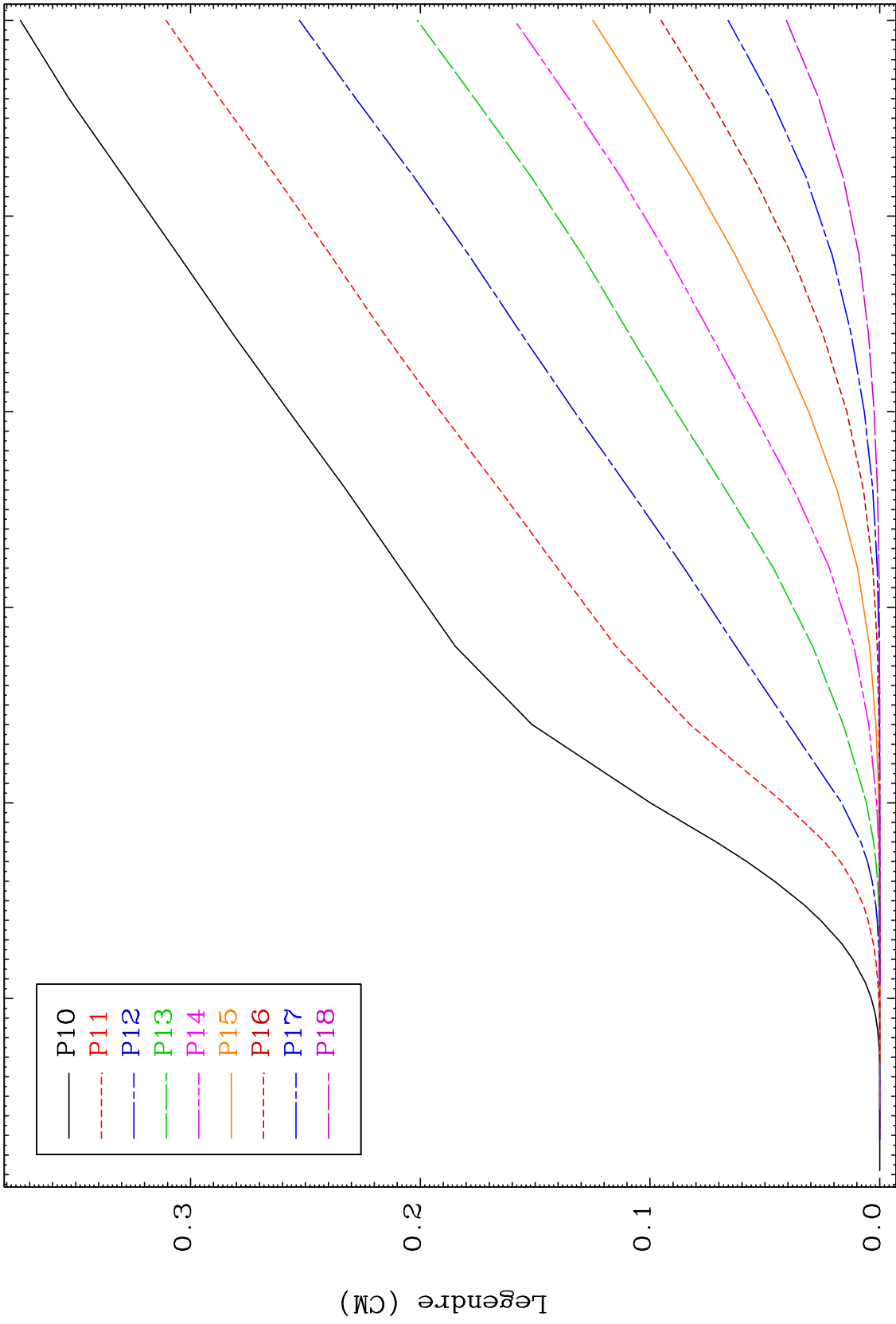
Incident Energy (MeV)



MAT 7477

Elastic Legendre Coefficients

75-Re-169



16

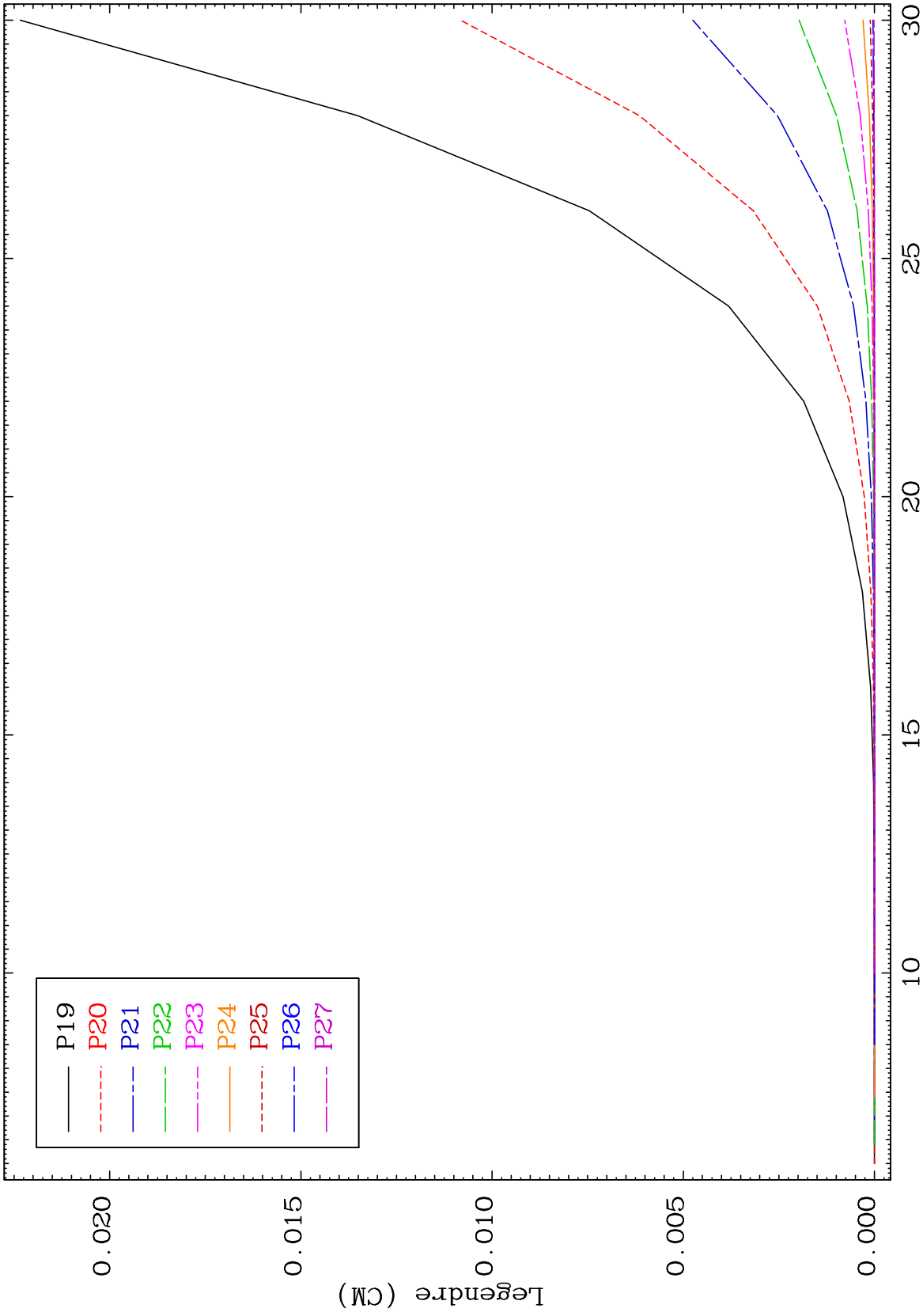
Incident Energy (MeV)

75-Re-169

MAT 7477

### Elastic Legendre Coefficients

75-Re-169



17

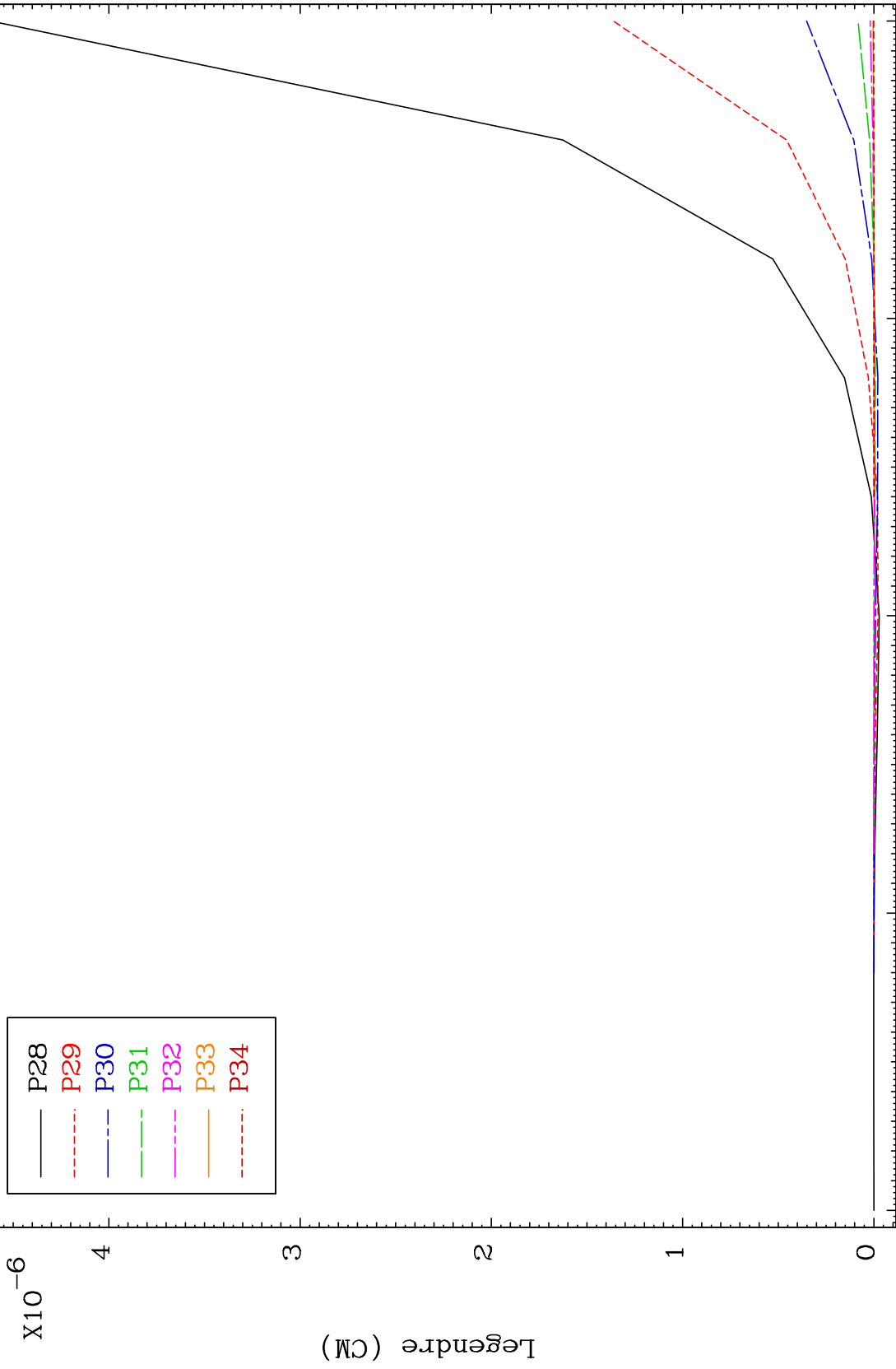
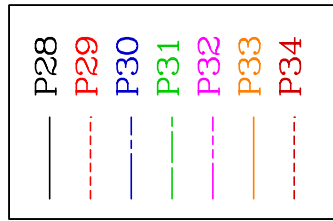
Incident Energy (MeV)

75-Re-169

MAT 7477

Elastic Legendre Coefficients

75-Re-169



10

15

20

25

30

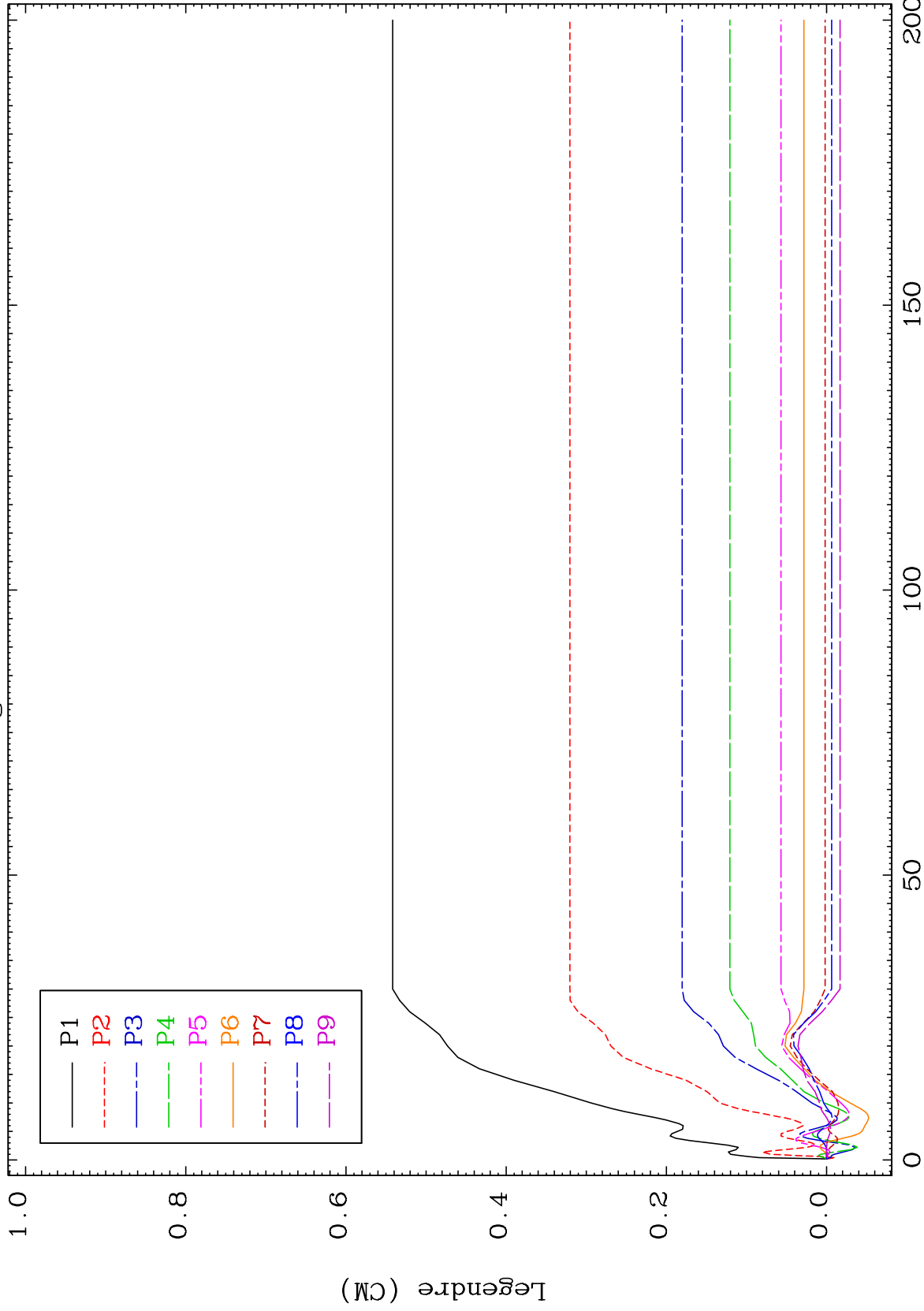
Incident Energy (MeV)

75-Re-169

MAT 7477

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

75-Re-169



19

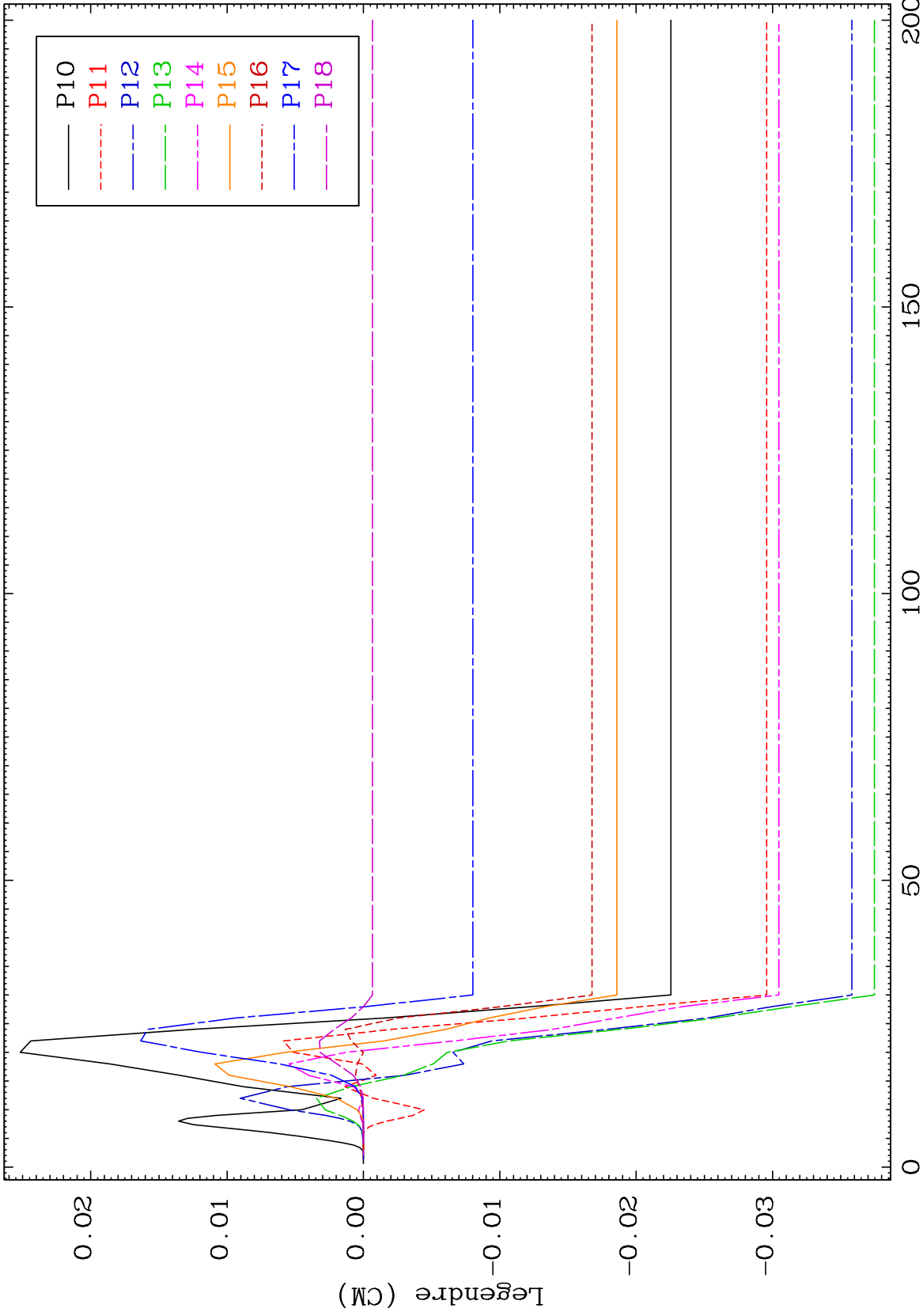
Incident Energy (MeV)

75-Re-169

MAT 7477

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

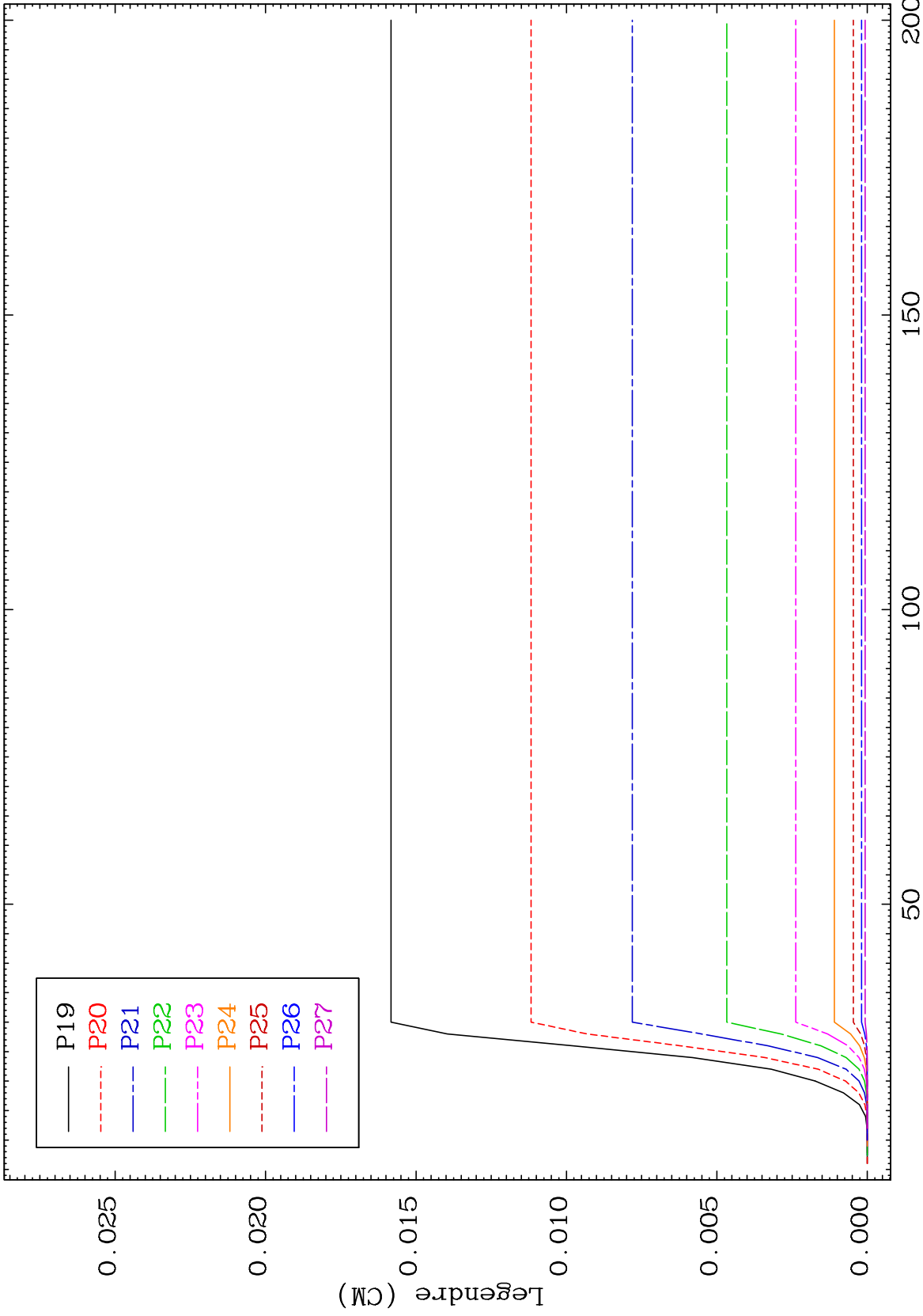
75-Re-169



20

Incident Energy (MeV)

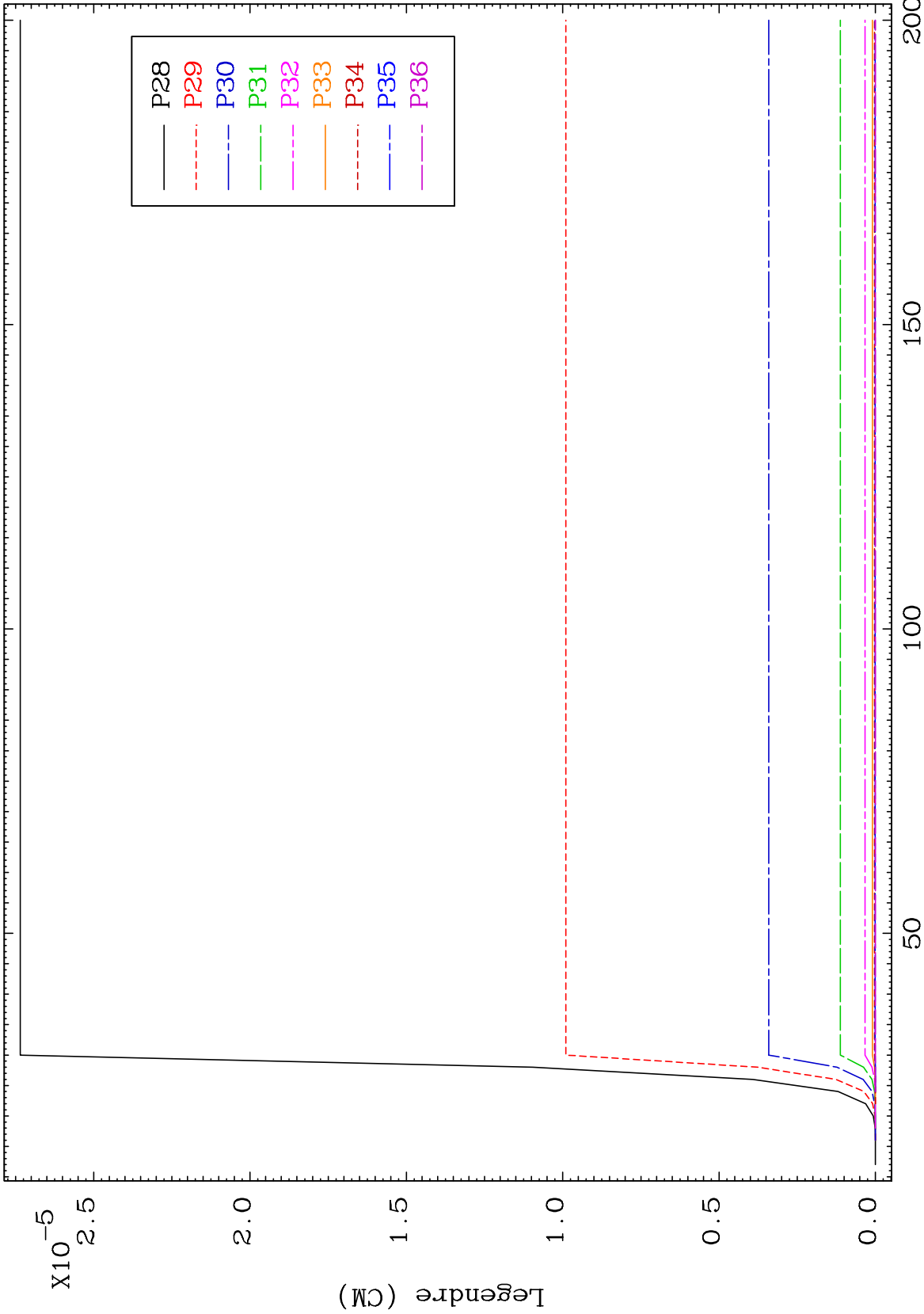
75-Re-169



MAT 7477

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

75-Re-169



22

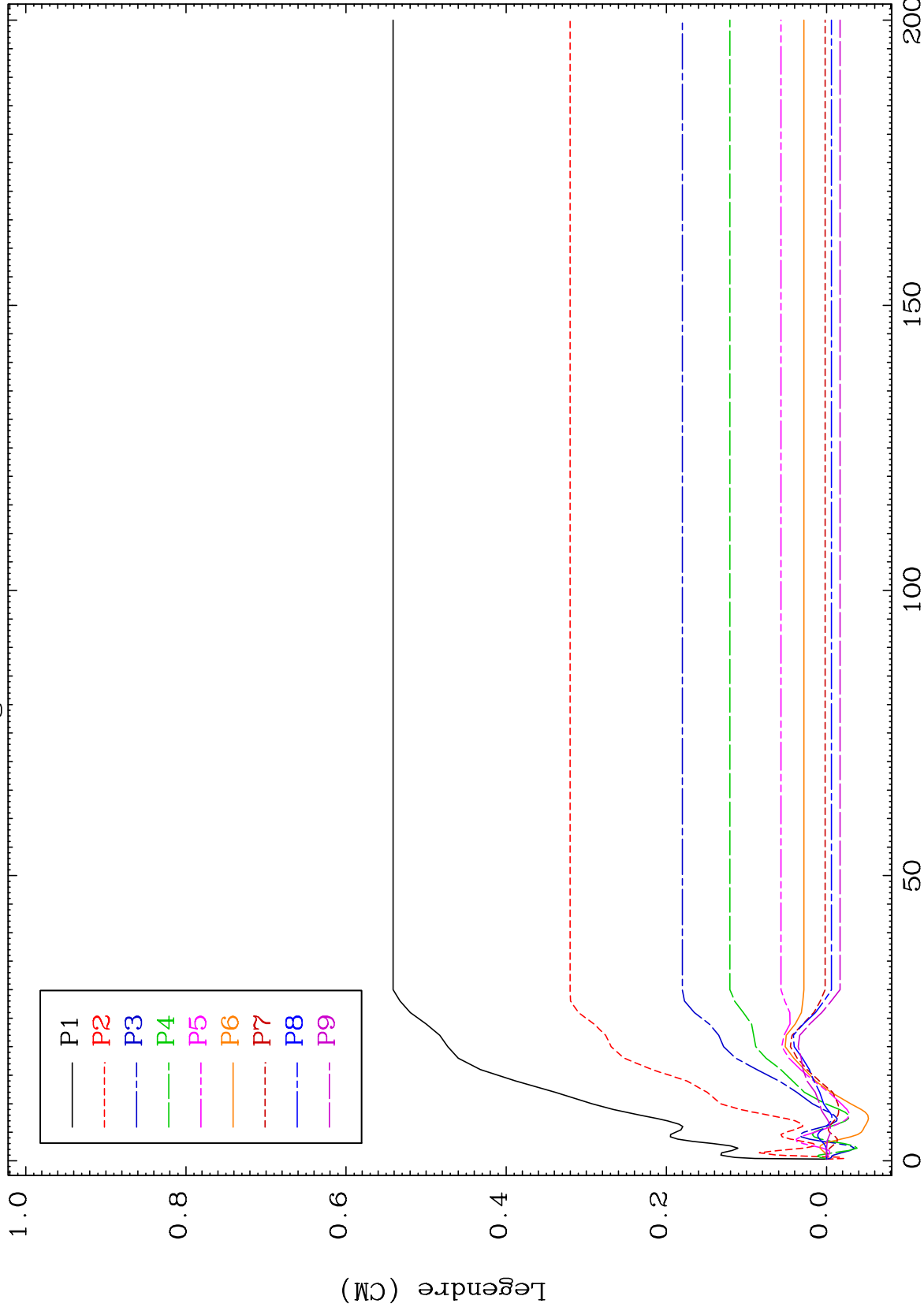
Incident Energy (MeV)

75-Re-169

MAT 7477

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

75-Re-169



23

Incident Energy (MeV)

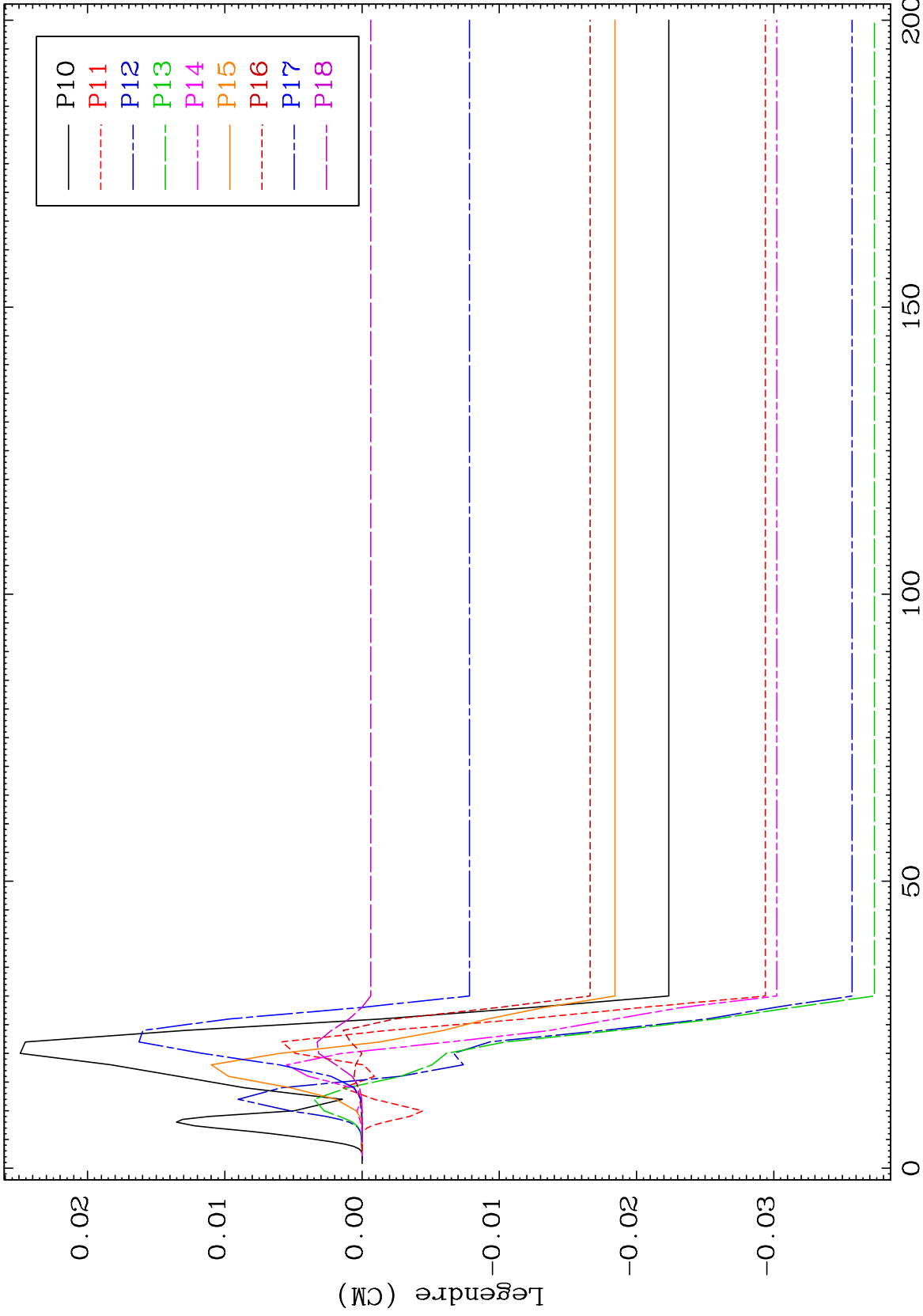
75-Re-169



MAT 7477

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

75-Re-169



24

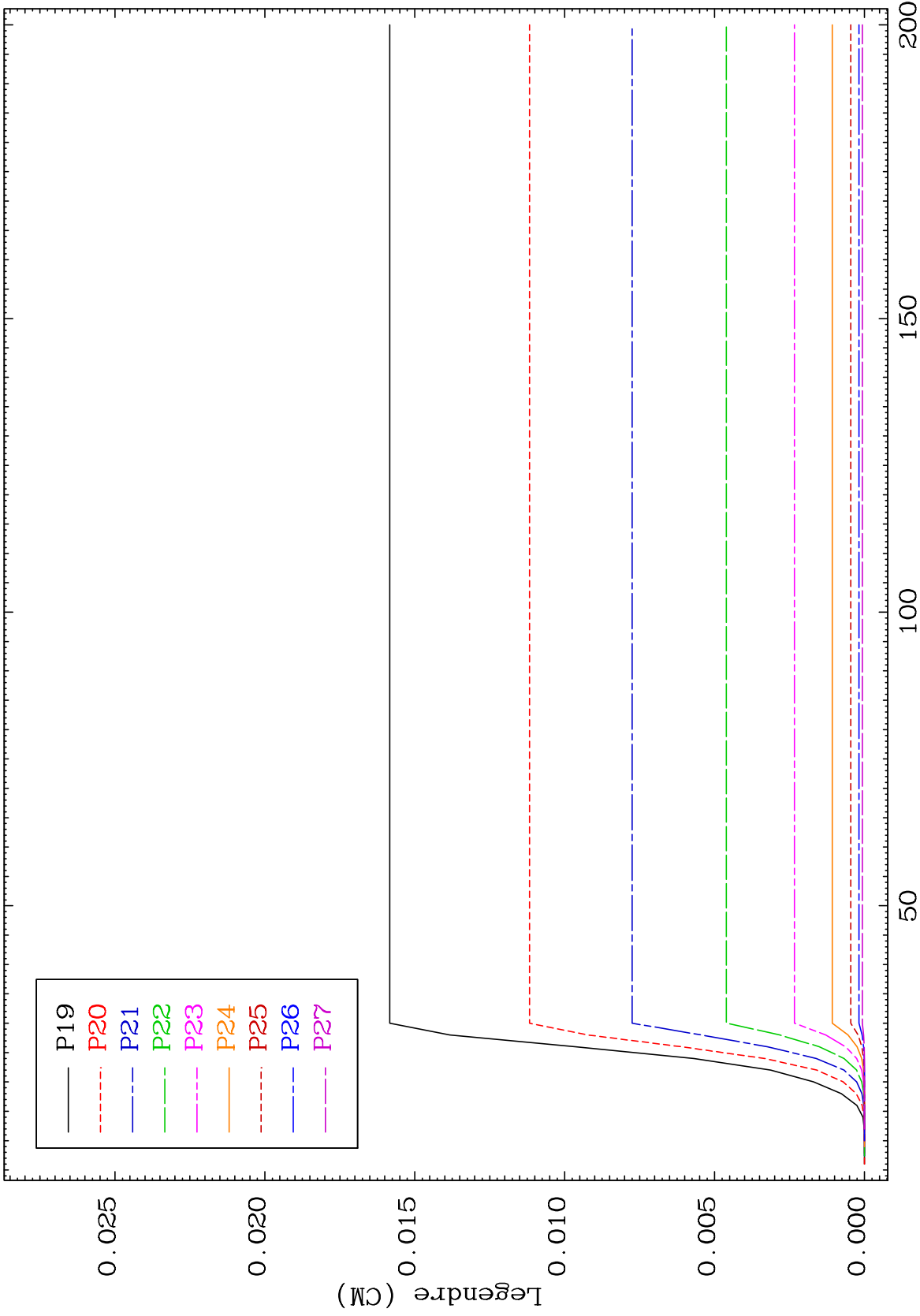
Incident Energy (MeV)

75-Re-169

MAT 7477

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

75-Re-169



25

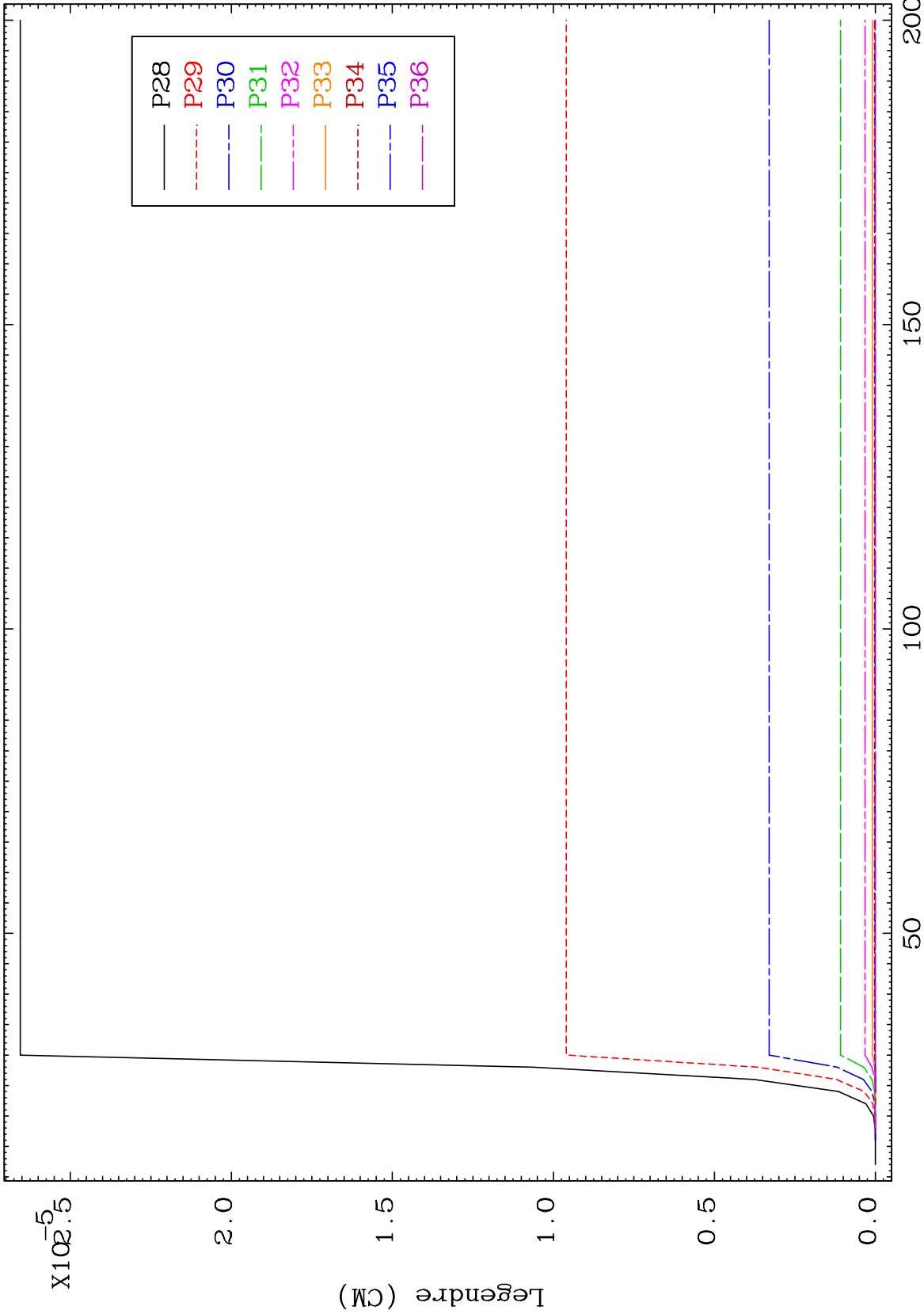
Incident Energy (MeV)

75-Re-169

MAT 7477

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

75-Re-169



26

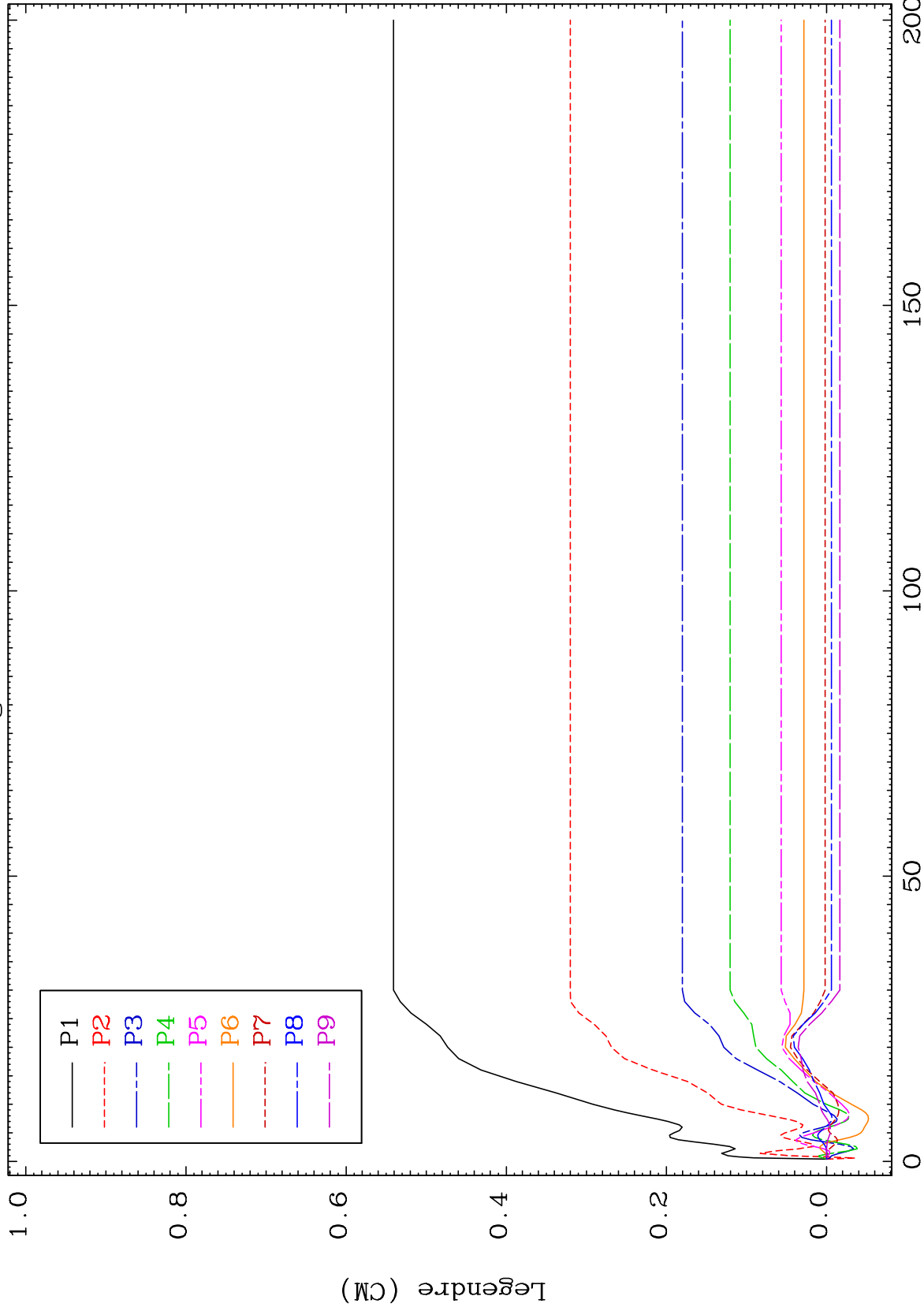
Incident Energy (MeV)

75-Re-169

MAT 7477

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

75-Re-169



27

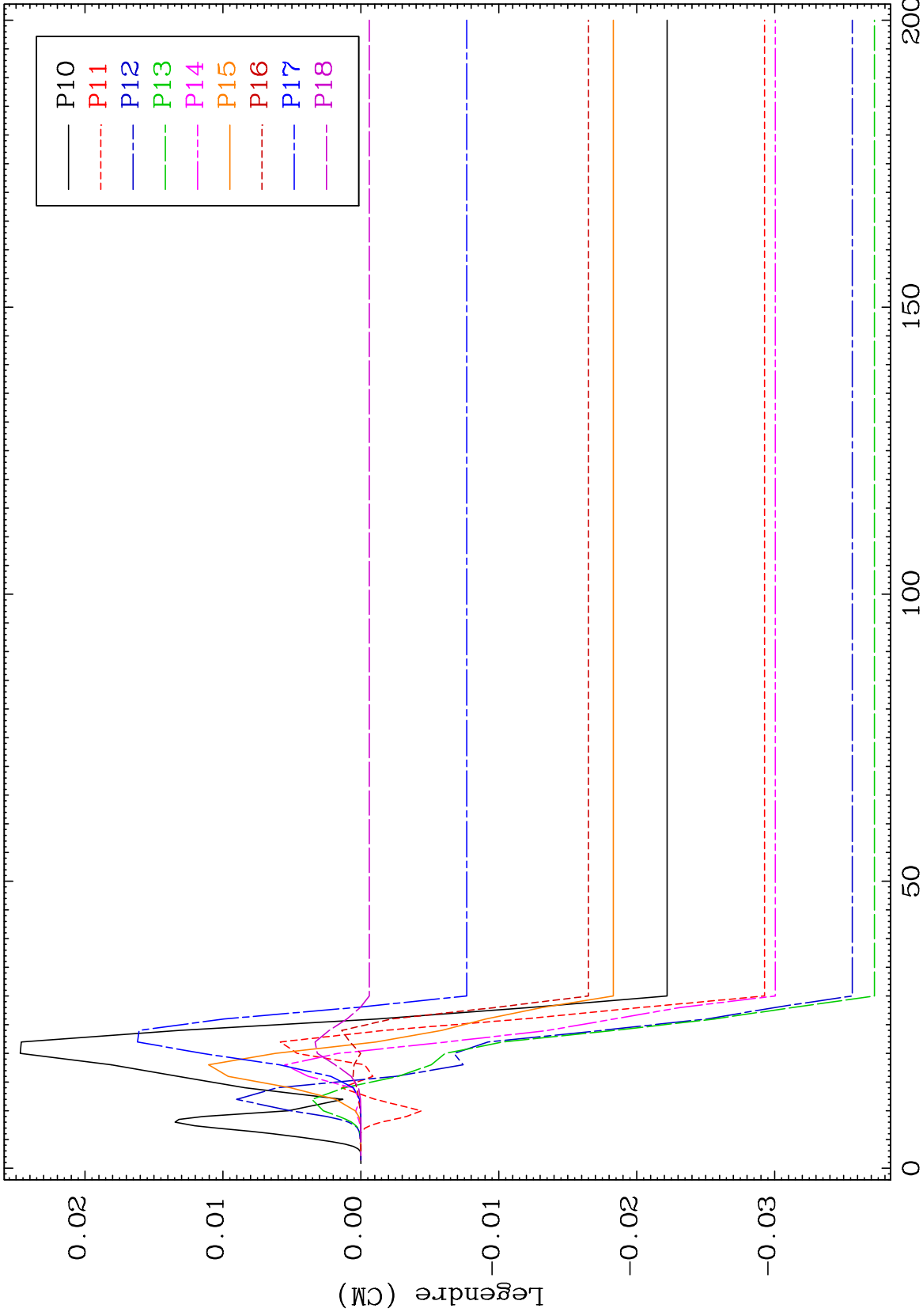
Incident Energy (MeV)

75-Re-169

MAT 7477

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

75-Re-169



28

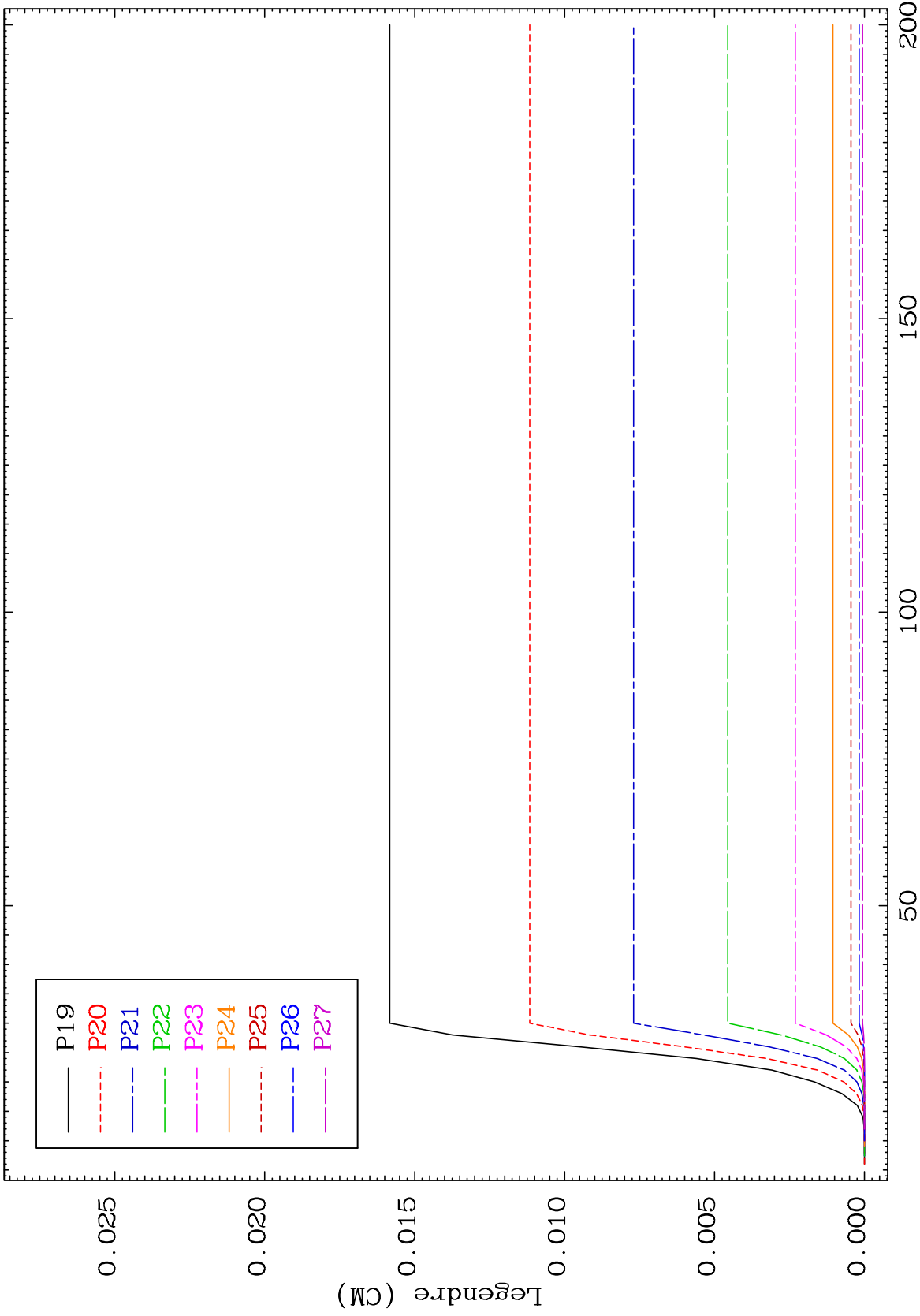
Incident Energy (MeV)

75-Re-169

MAT 7477

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

75-Re-169



29

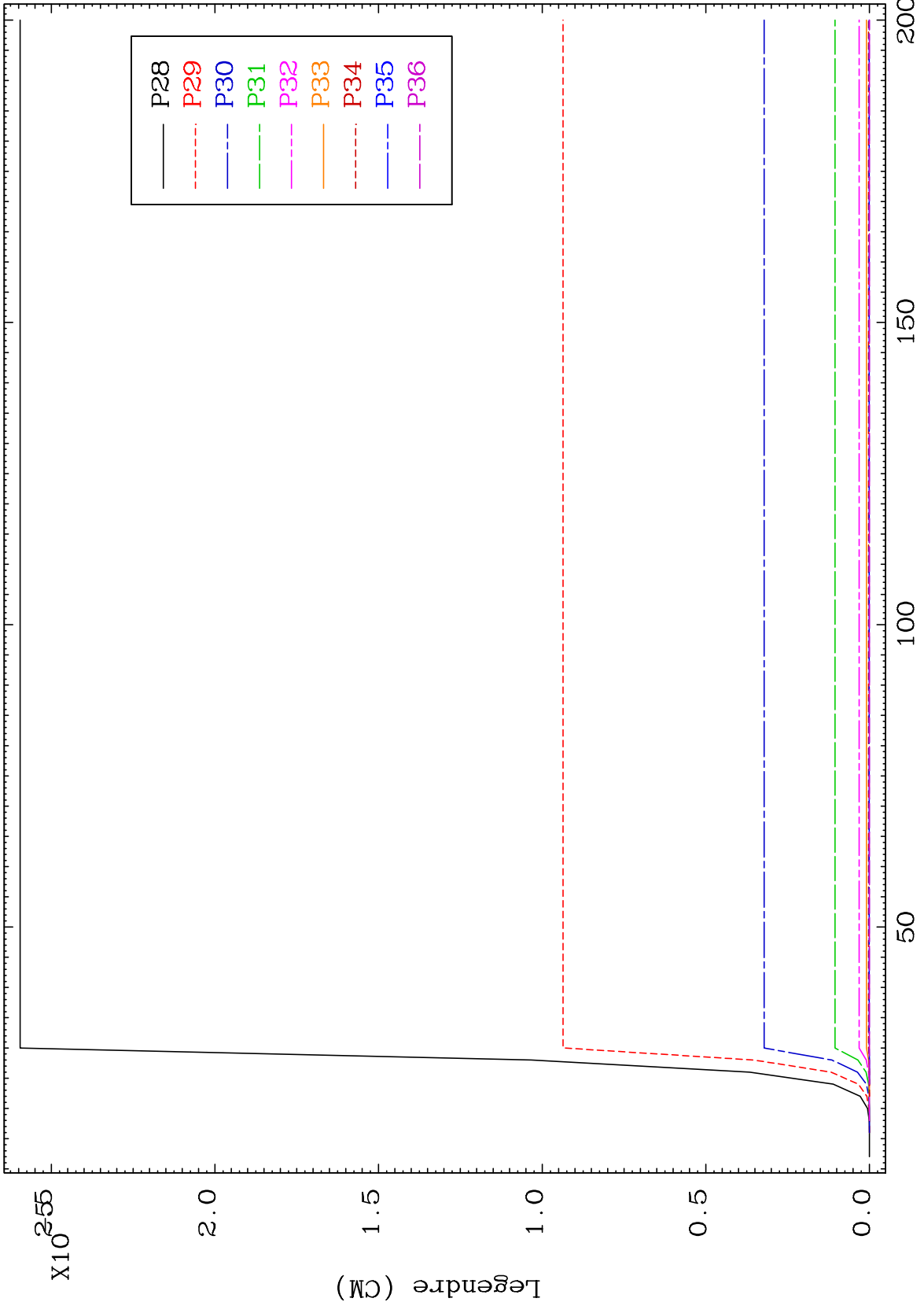
Incident Energy (MeV)

75-Re-169

MAT 7477

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

75-Re-169



30

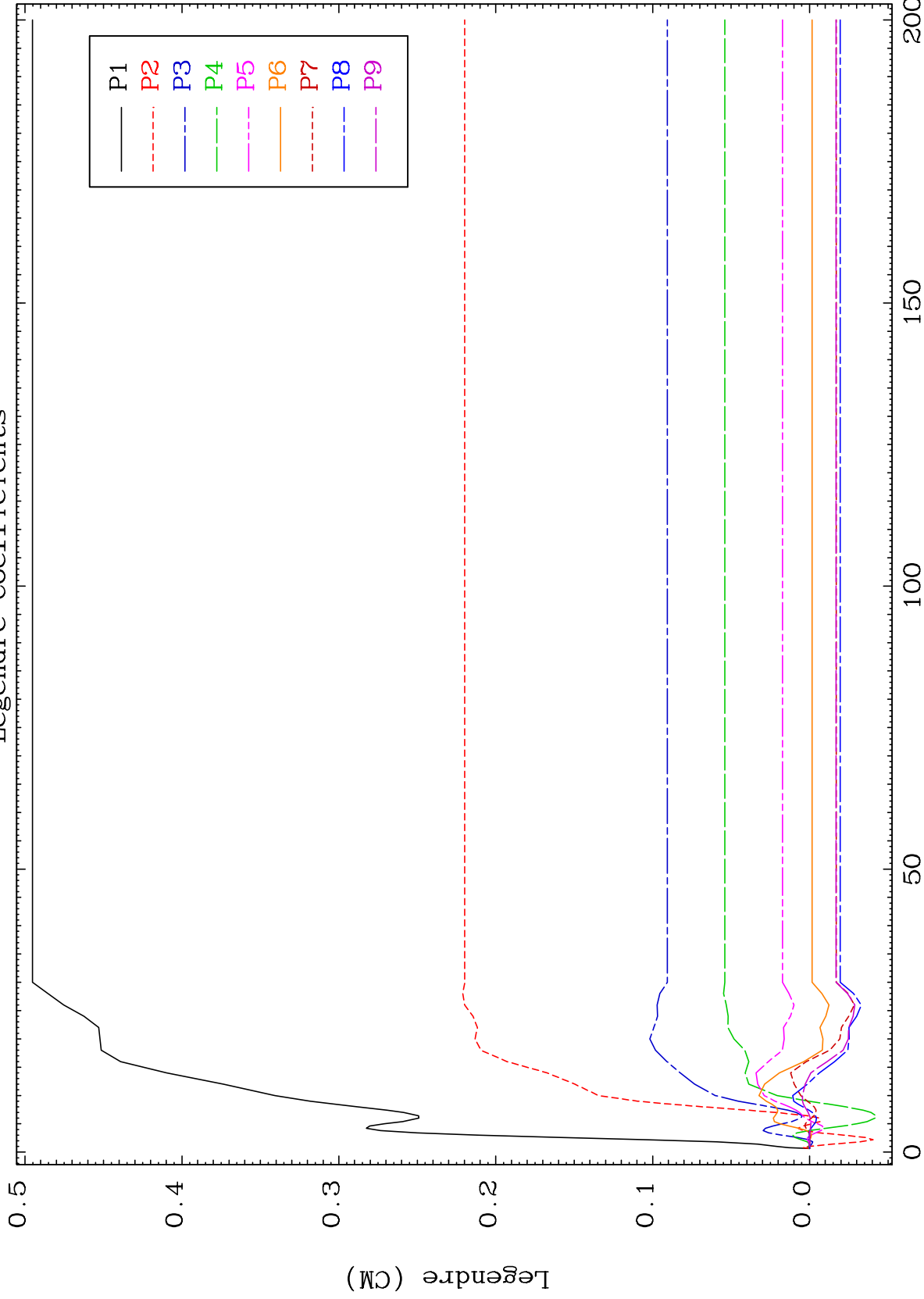
Incident Energy (MeV)

75-Re-169

MAT 7477

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

75-Re-169



31

Incident Energy (MeV)

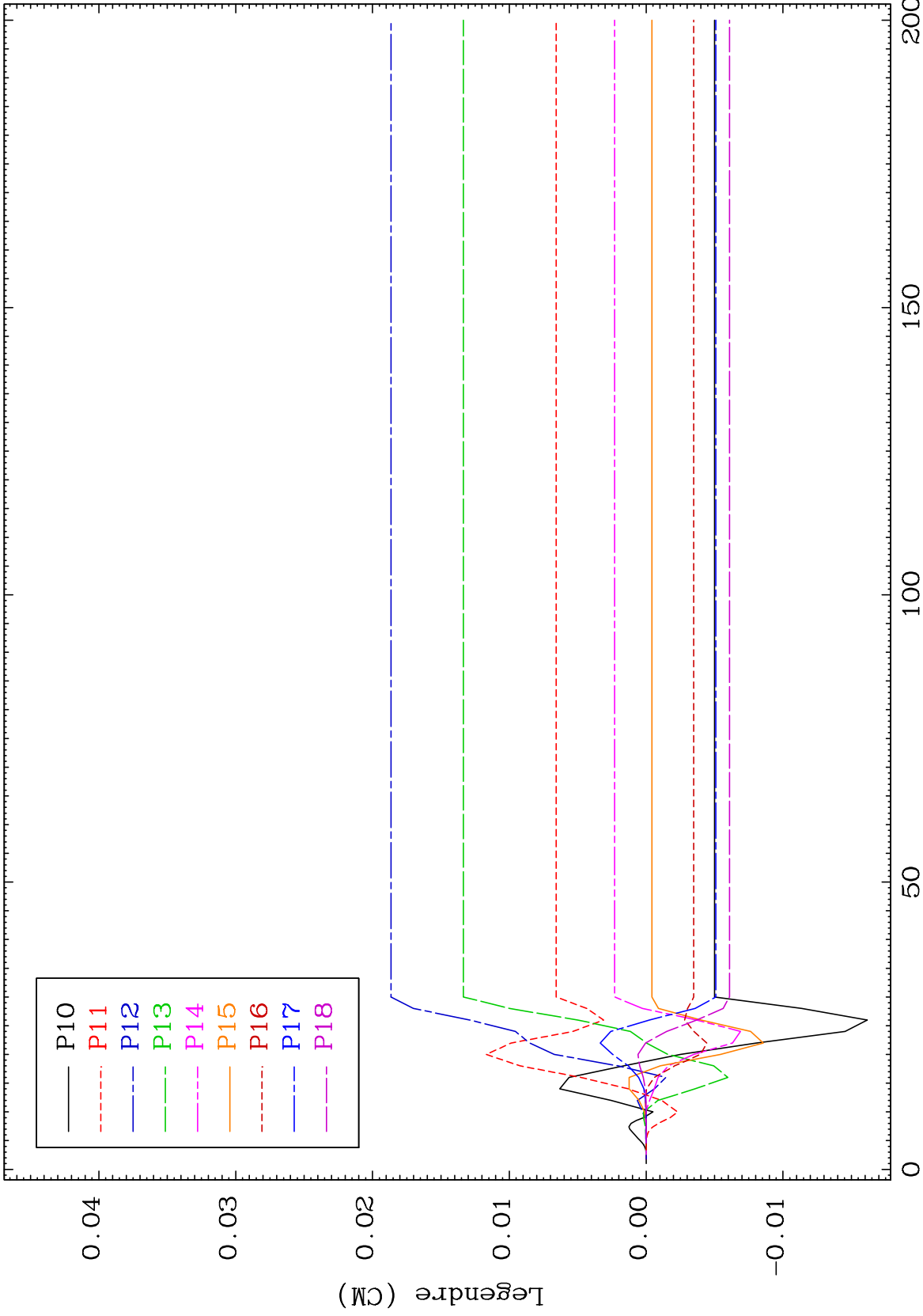
75-Re-169



MAT 7477

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

75-Re-169



32

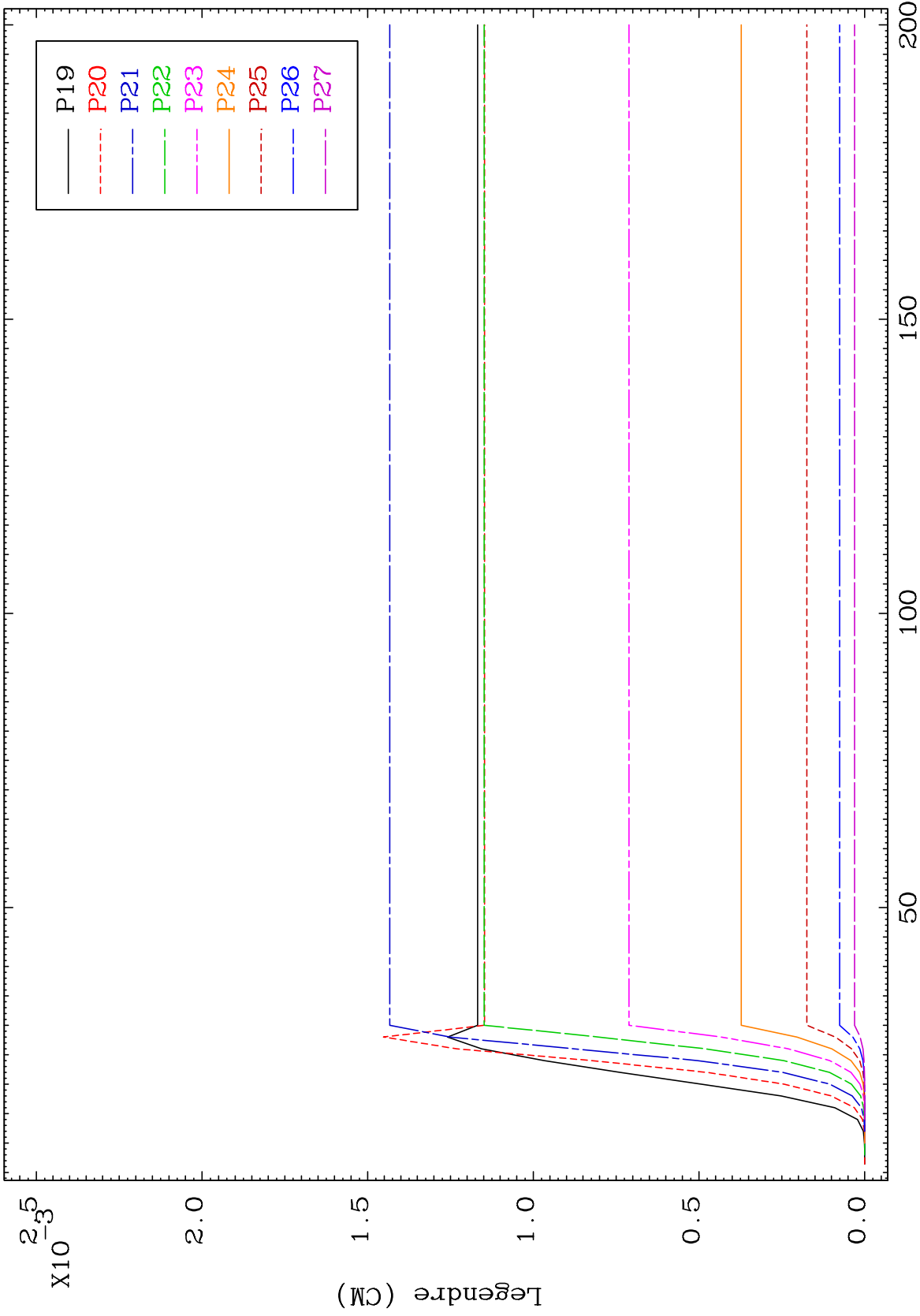
Incident Energy (MeV)

75-Re-169

MAT 7477

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

75-Re-169



33

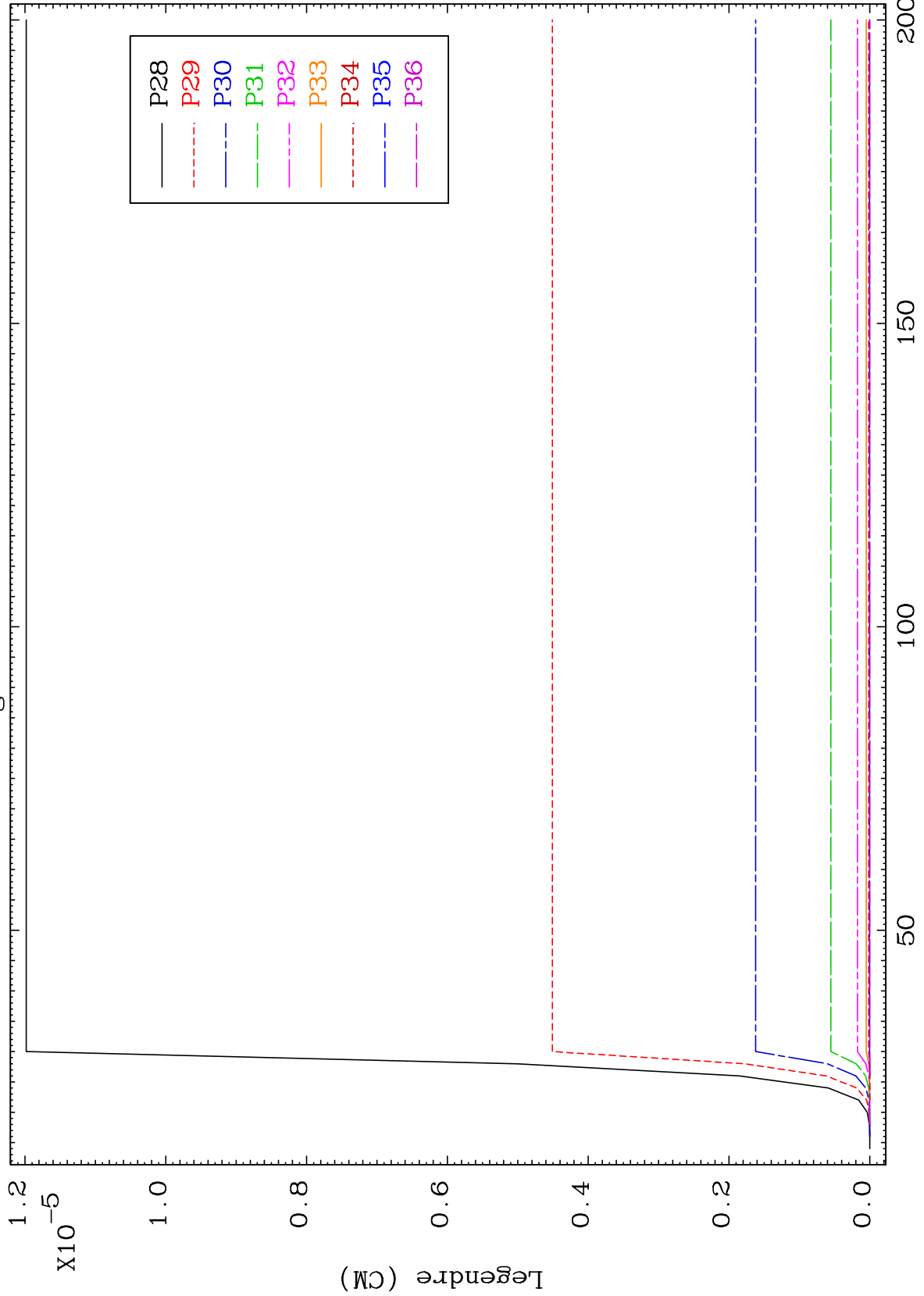
Incident Energy (MeV)

75-Re-169

MAT 7477

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

75-Re-169



34

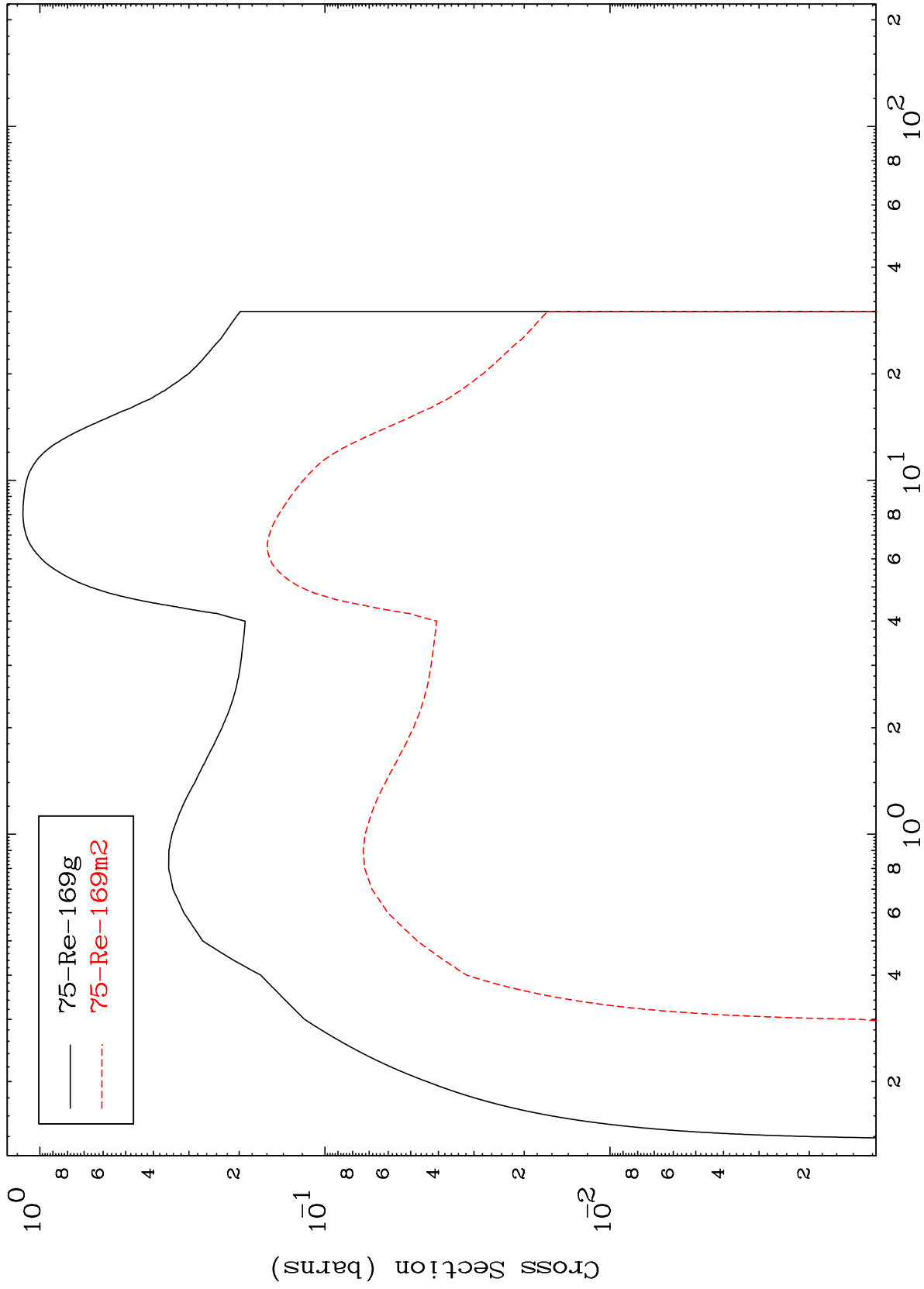
Incident Energy (MeV)

75-Re-169

MAT 7477

# Inelastic Radionuclide Production Cross Section

75-Re-169



35

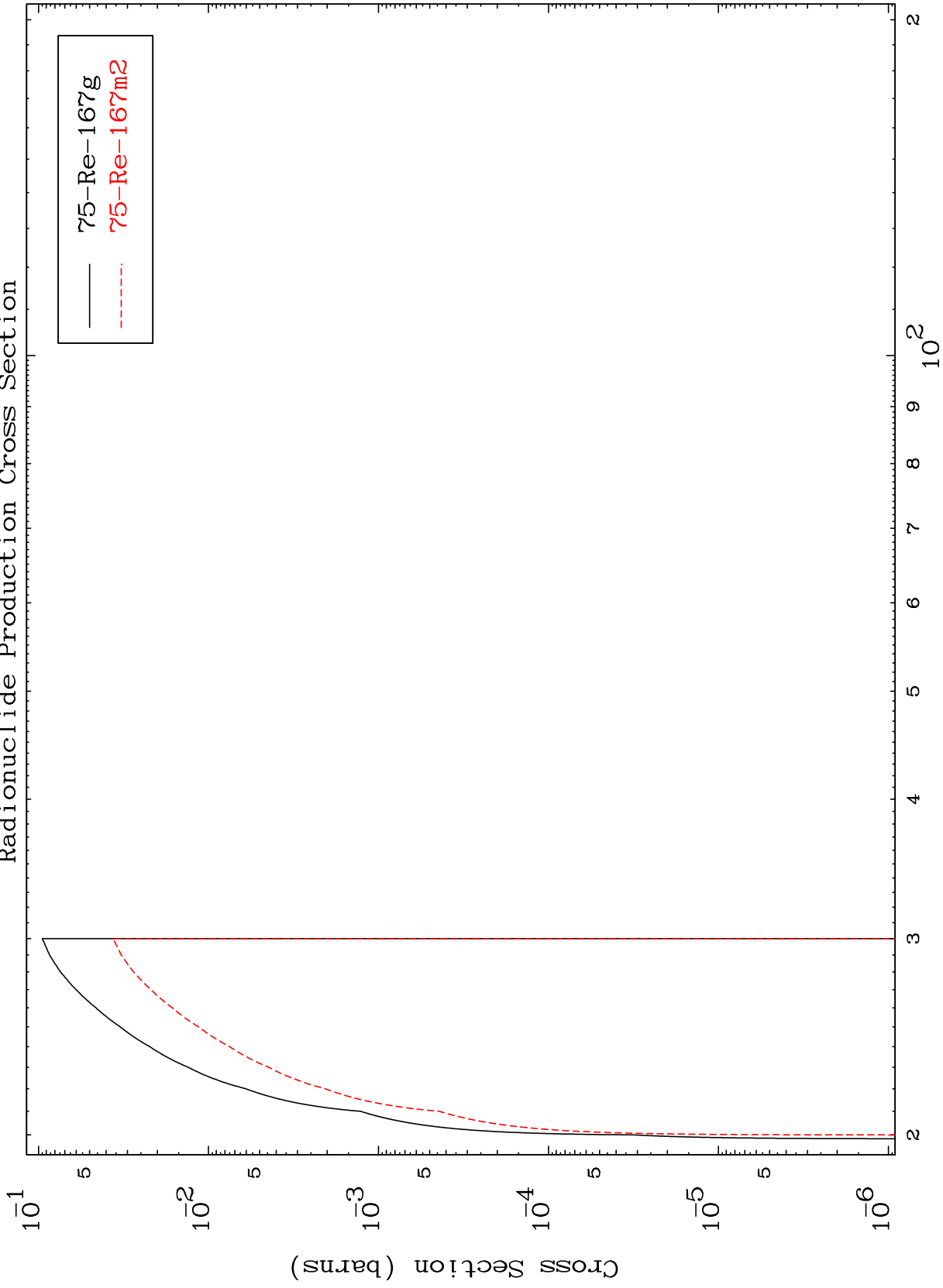
Incident Energy (MeV)

75-Re-169

MAT 7477

75-Re-169

(n,3n)  
Radionuclide Production Cross Section



36

Incident Energy (MeV)

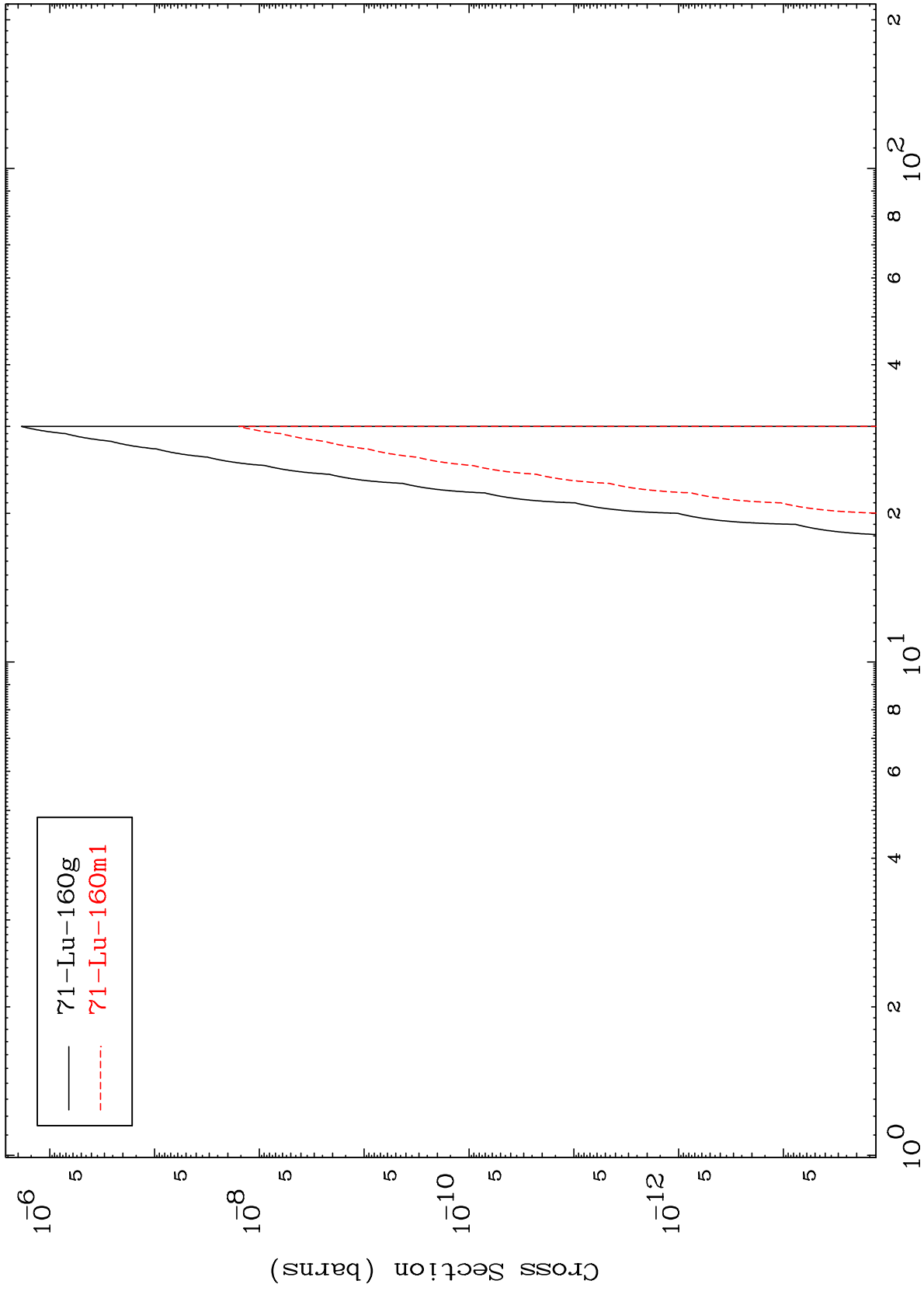
75-Re-169

MAT 7477

(n,2n) 2α

75-Re-169

Radionuclide Production Cross Section



71-Lu-160g  
71-Lu-160m1

37

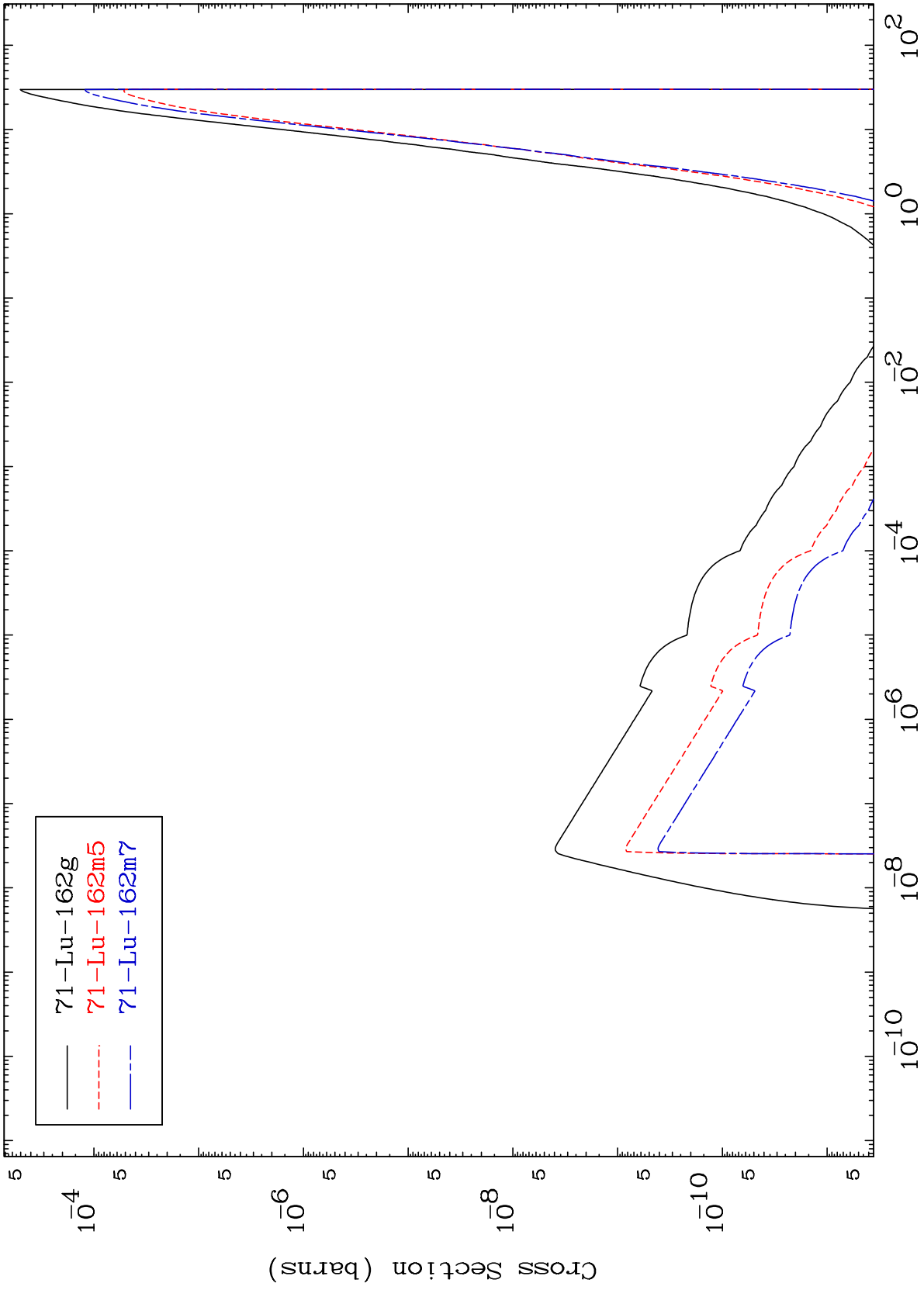
Incident Energy (MeV)

75-Re-169

MAT 7477

Radionuclide Production Cross Section  
(n,2α)

75-Re-169



38

Incident Energy (MeV)

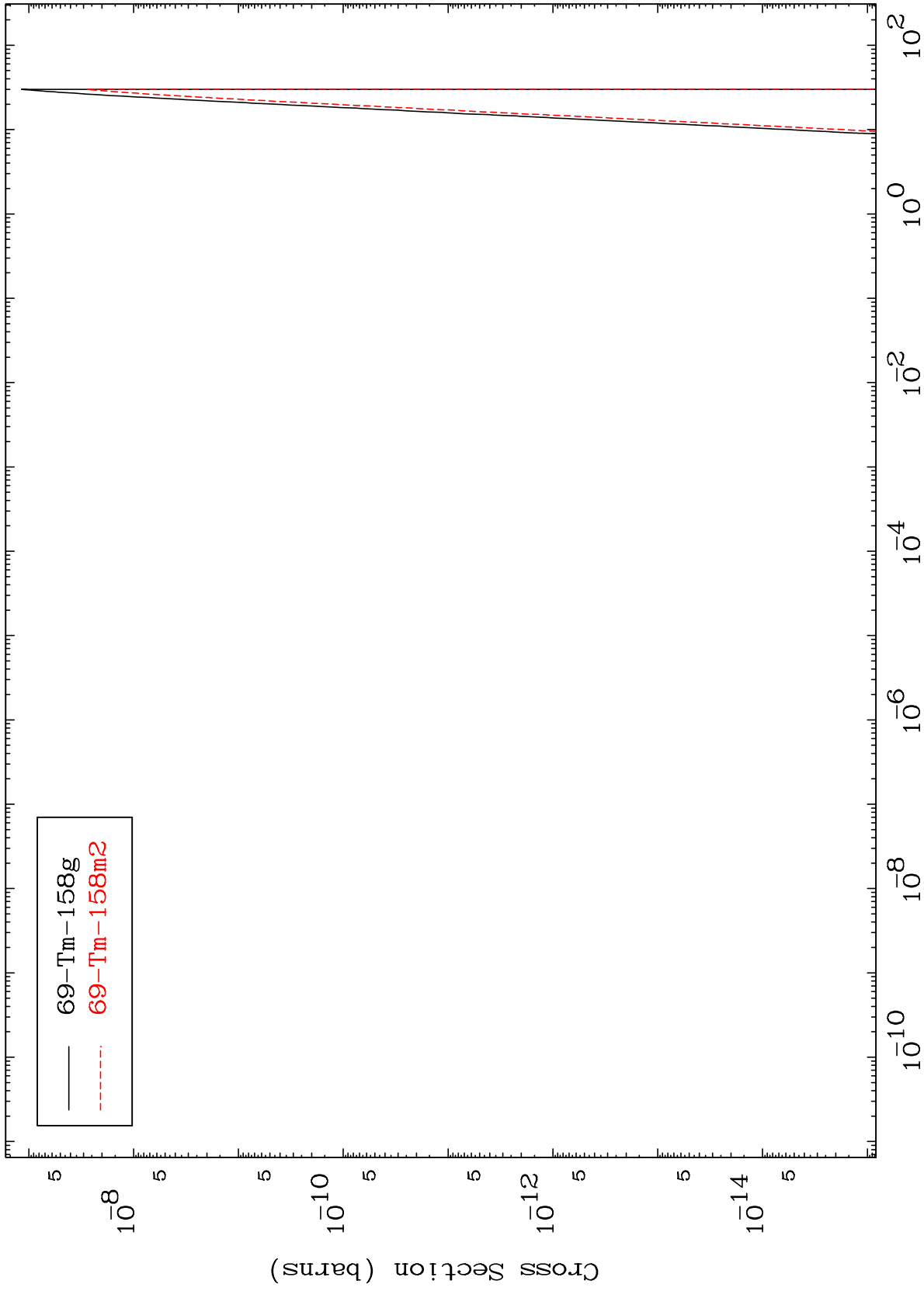
75-Re-169

MAT 7477

(n,3 $\alpha$ )

75-Re-169

Radionuclide Production Cross Section



39

Incident Energy (MeV)

75-Re-169