

Program EVALPLOT  
(Version 2015-2)

by

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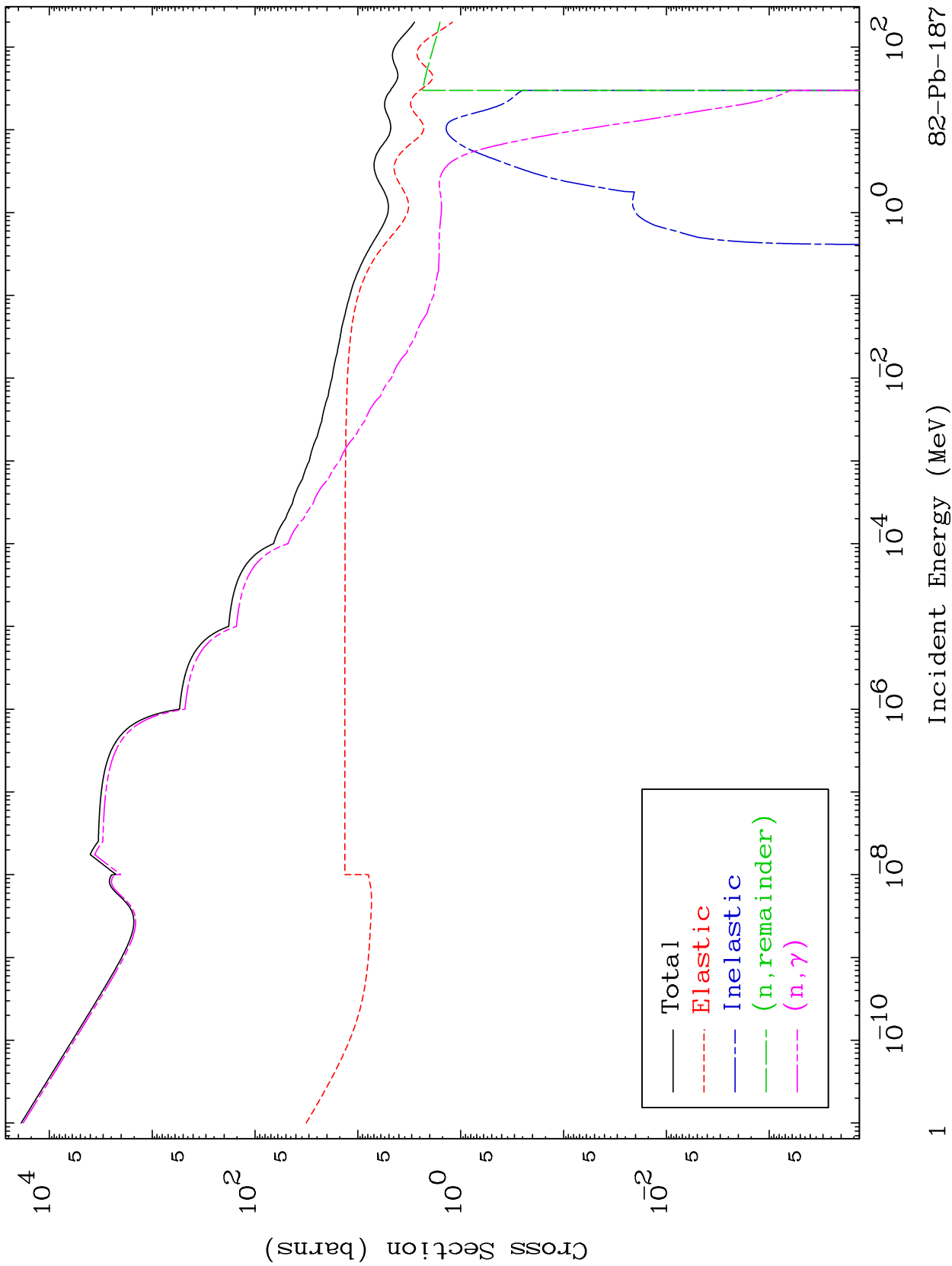
Press Mouse Button to Start

MAT 8174

Major

293 Kelvin Cross Sections

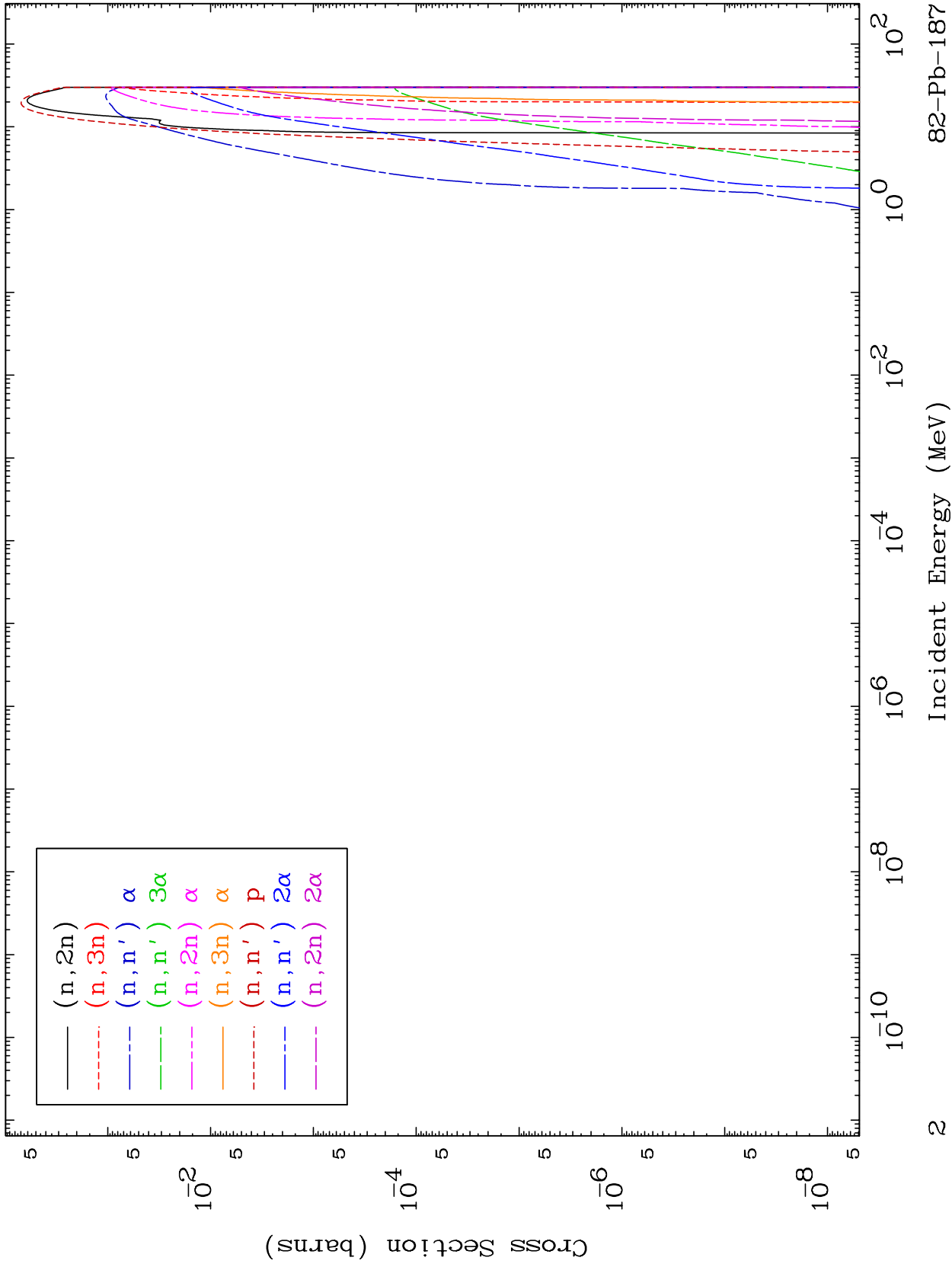
82-Pb-187



MAT 8174

Neutron Production  
293 Kelvin Cross Sections

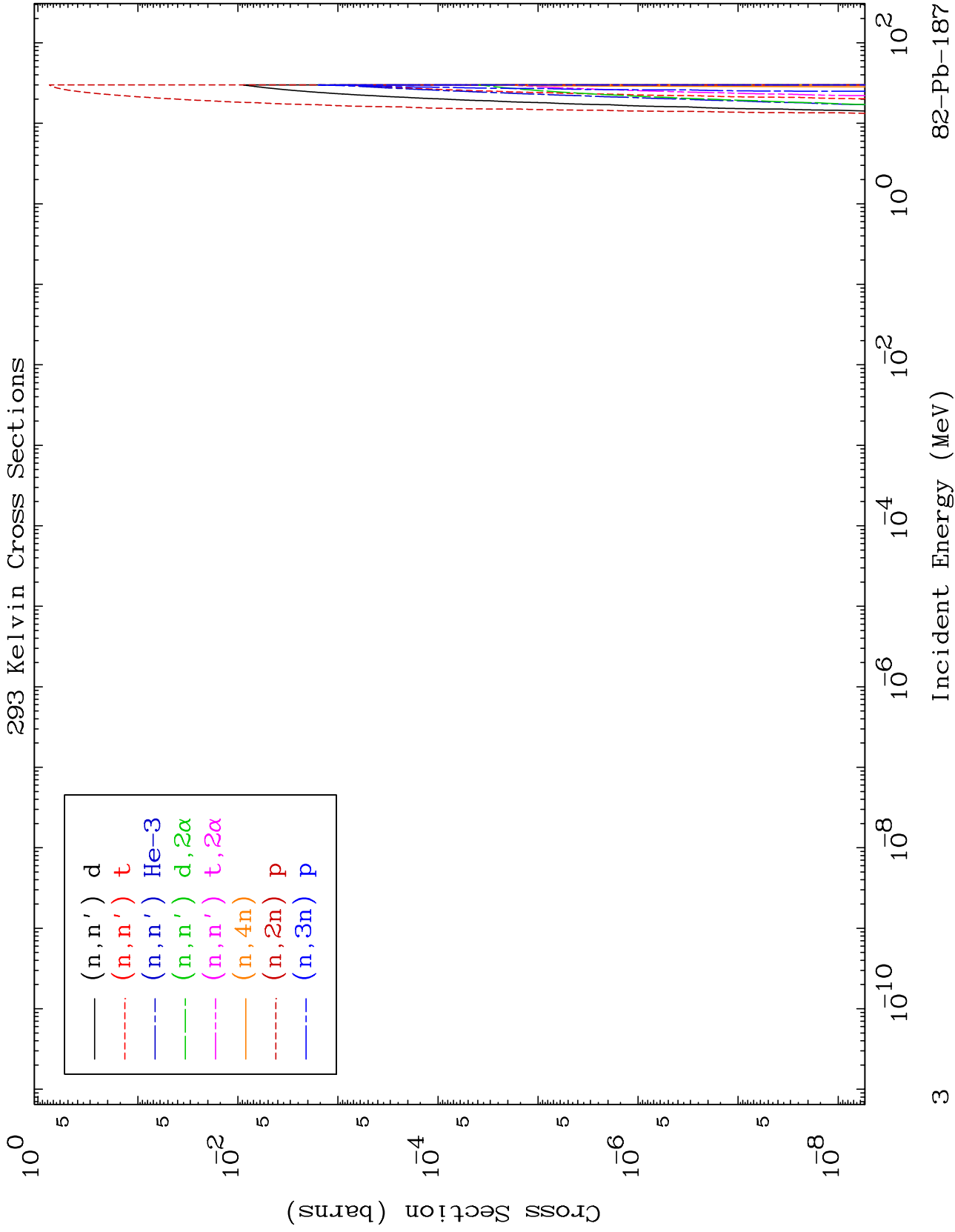
82-Pb-187



MAT 8174

Neutron Production  
293 Kelvin Cross Sections

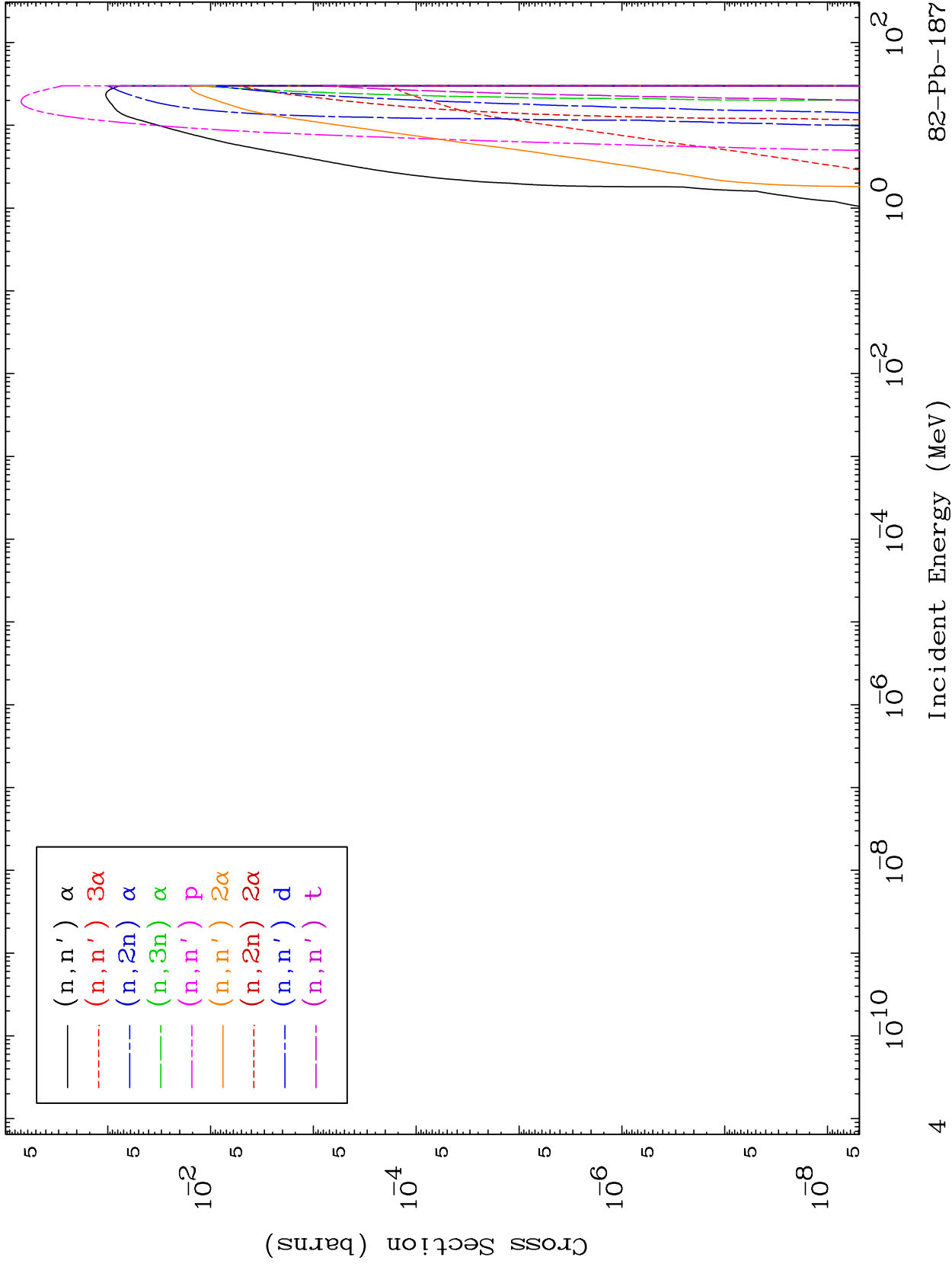
82-Pb-187



MAT 8174

Charged Particle  
293 Kelvin Cross Sections

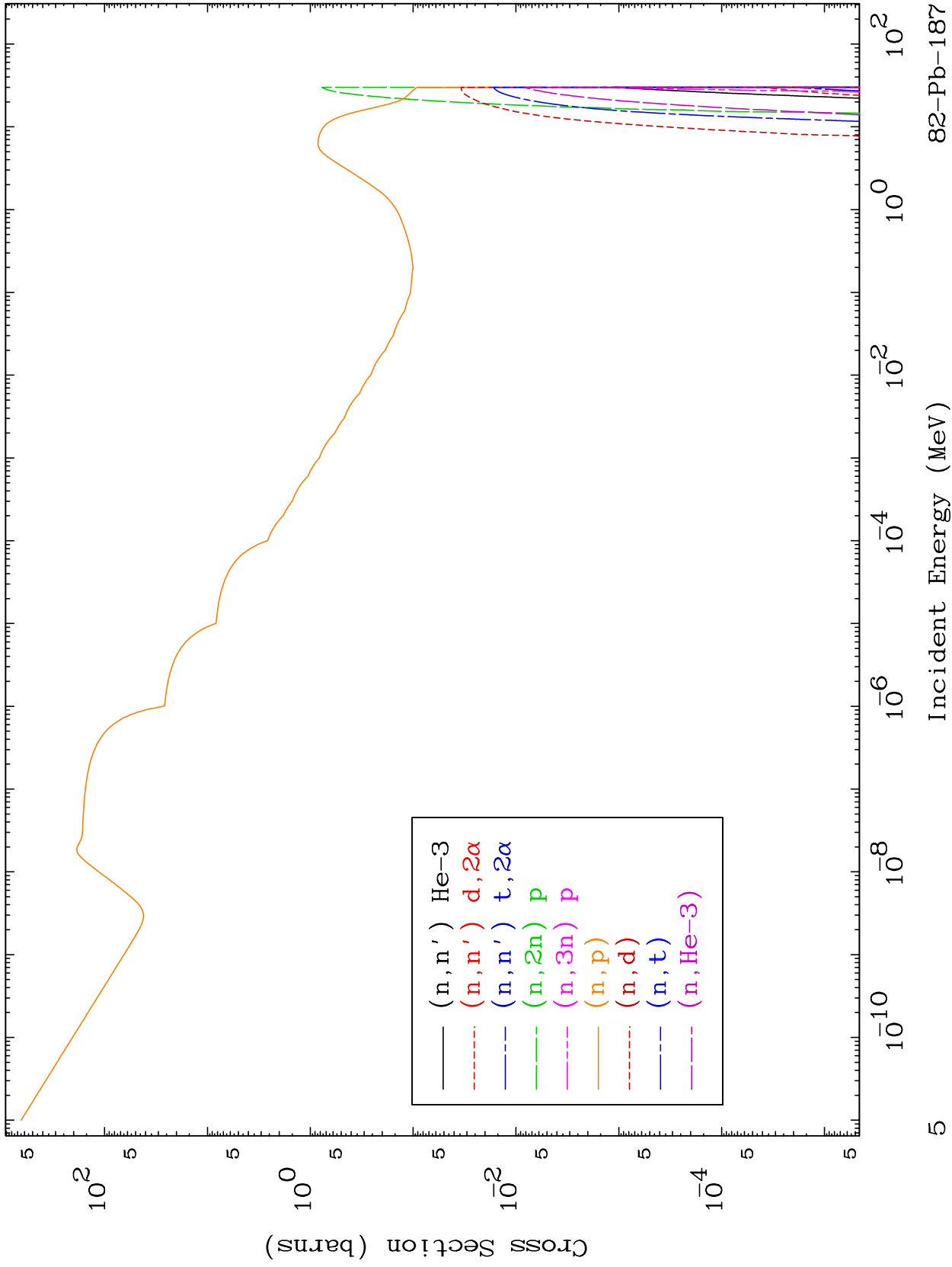
82-Pb-187

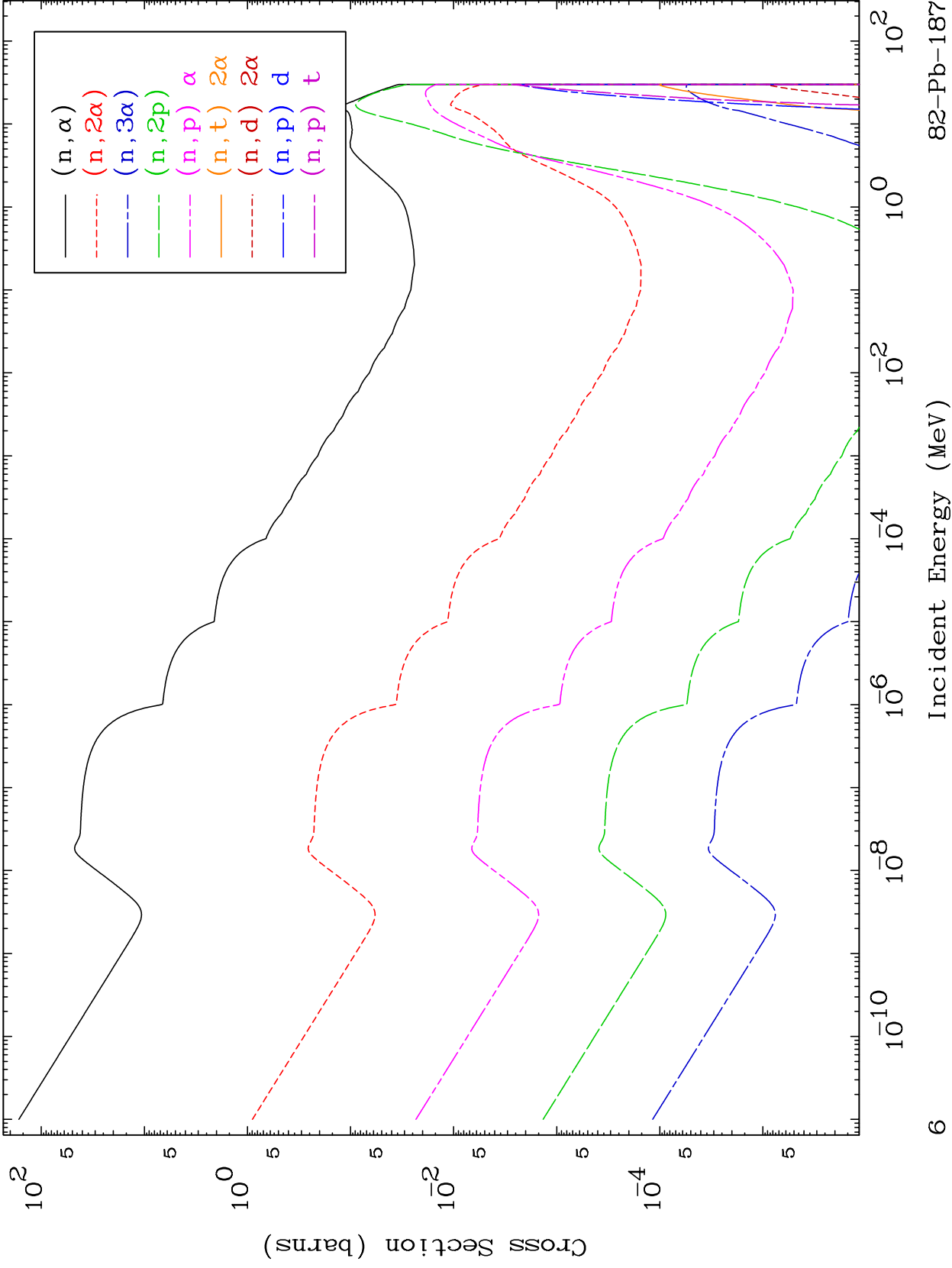


MAT 8174

Charged Particle  
293 Kelvin Cross Sections

82-Pb-187

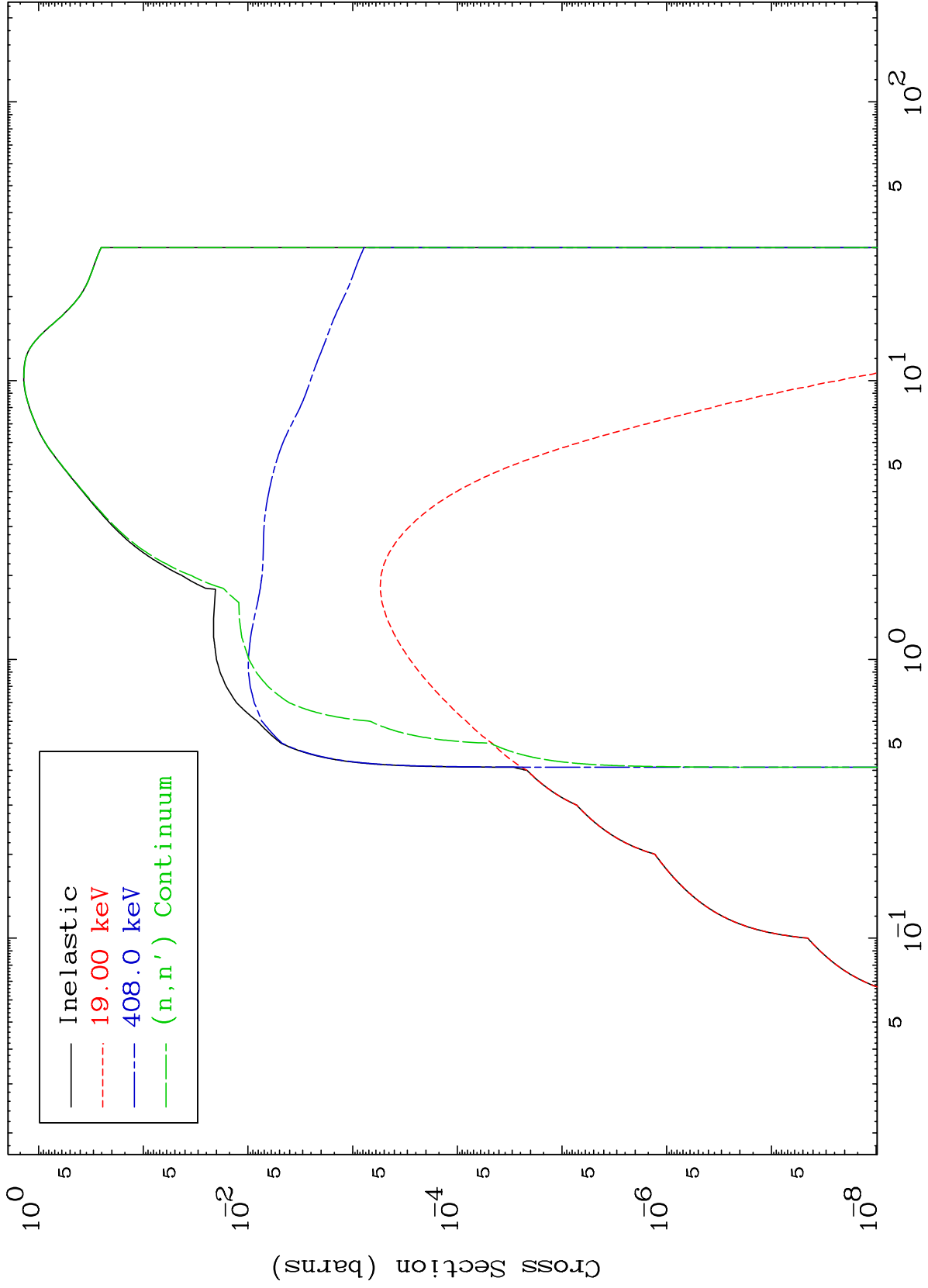




MAT 8174

82-Pb-187

(n,n') Level  
293 Kelvin Cross Sections



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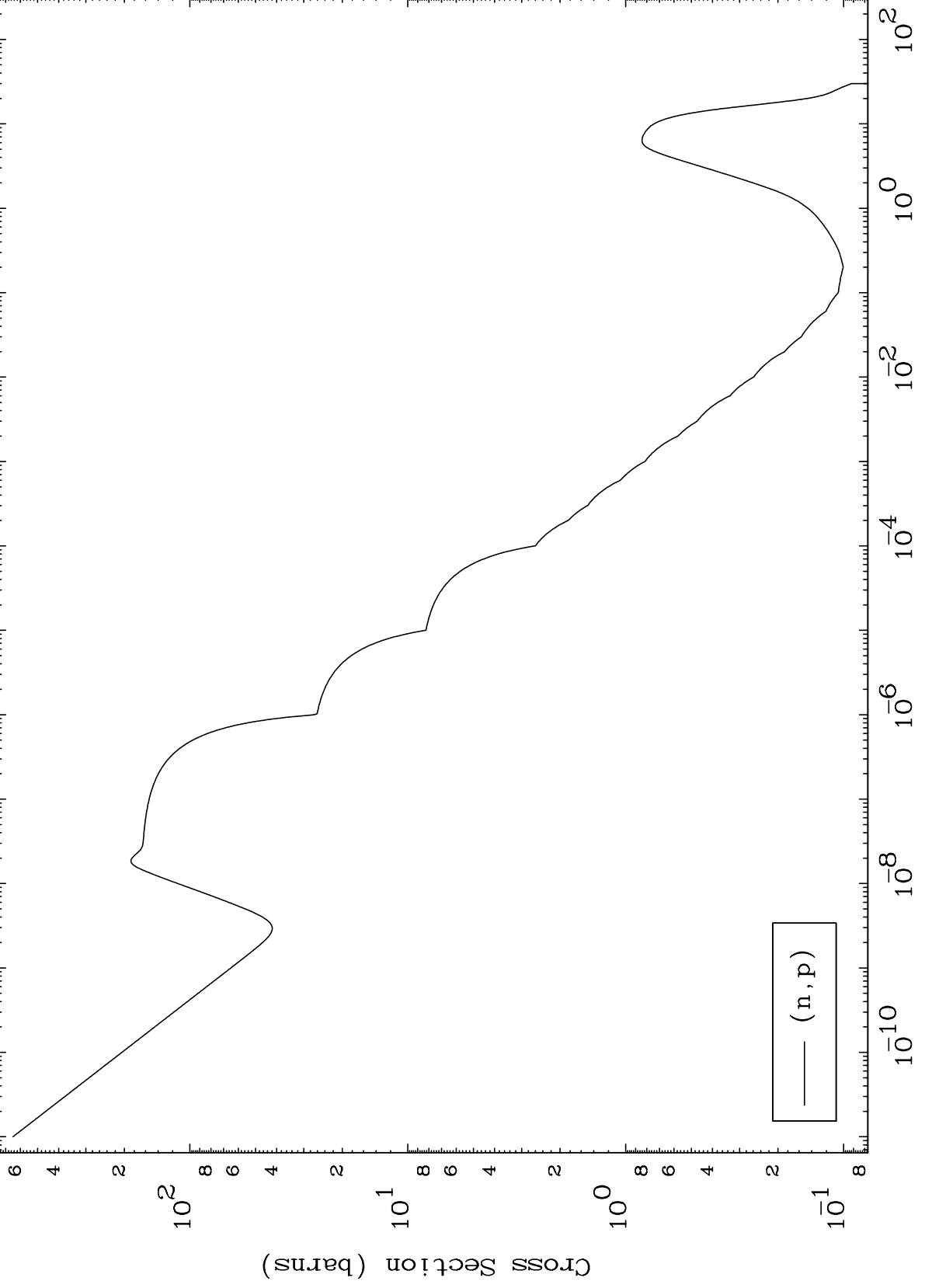
82-Pb-187



MAT 8174

(n,p) Levels  
293 Kelvin Cross Sections

82-Pb-187

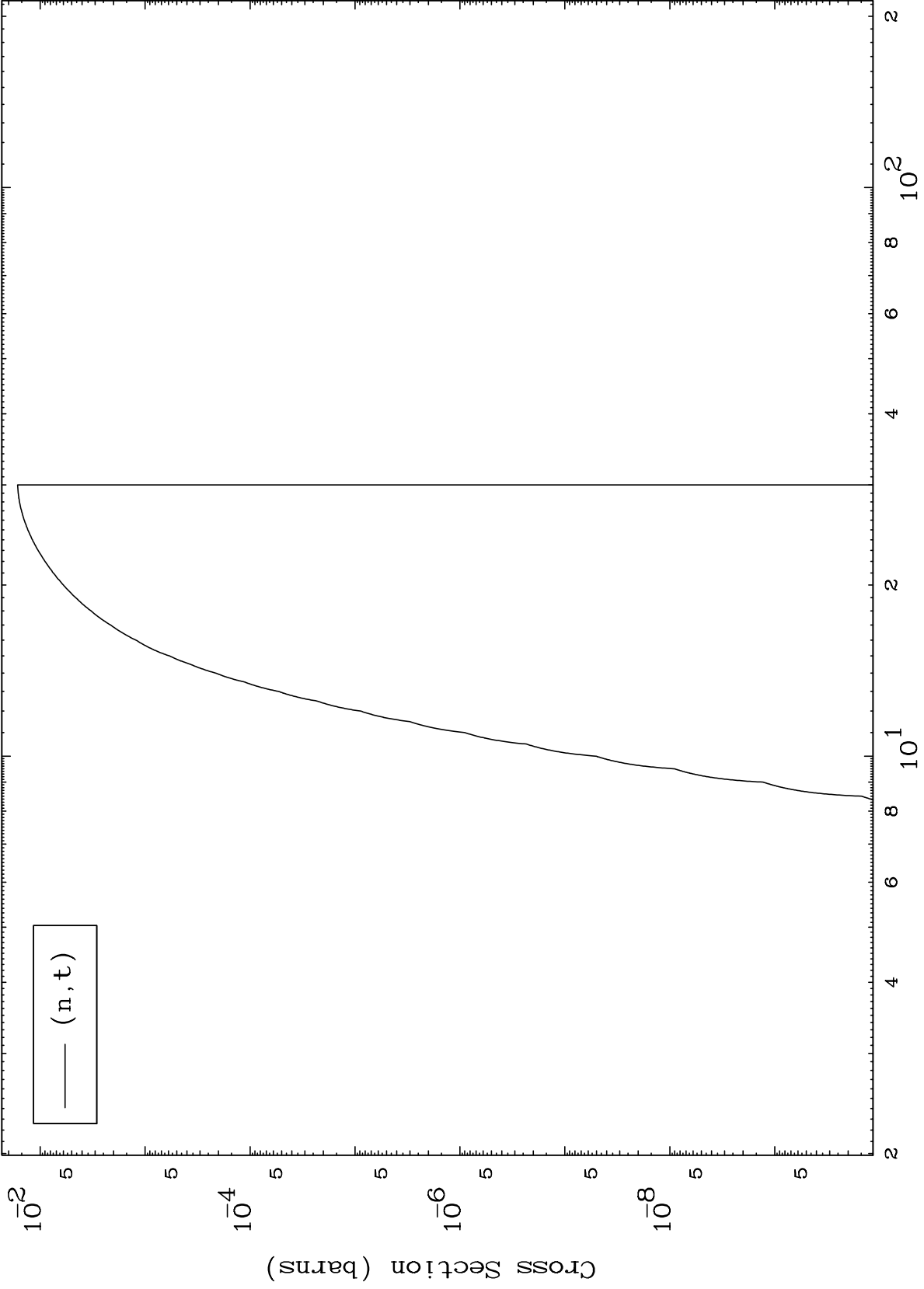




MAT 8174

(n,t) Levels  
293 Kelvin Cross Sections

82-Pb-187



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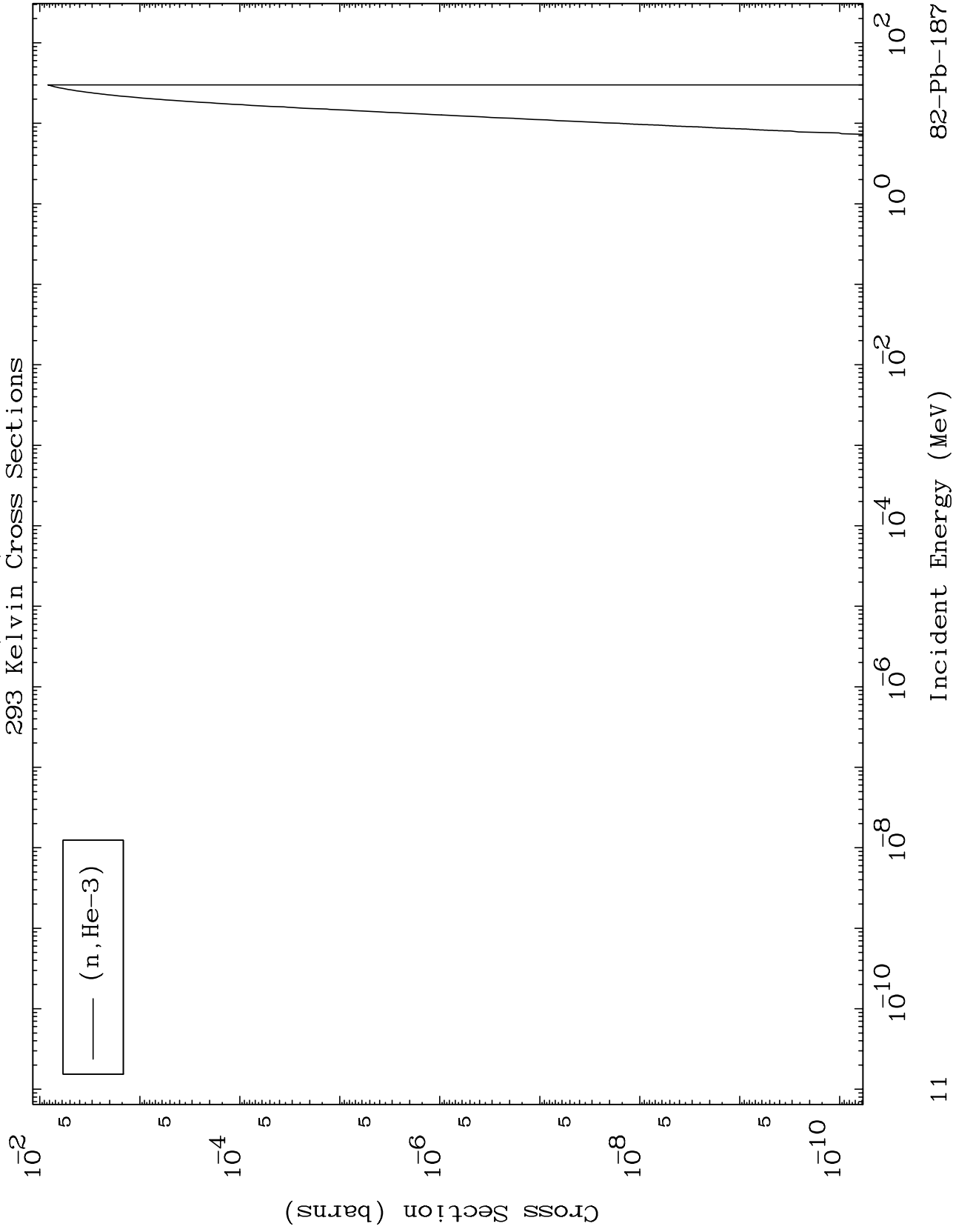
Incident Energy (MeV)

82-Pb-187

MAT 8174

(n,He3) Levels  
293 Kelvin Cross Sections

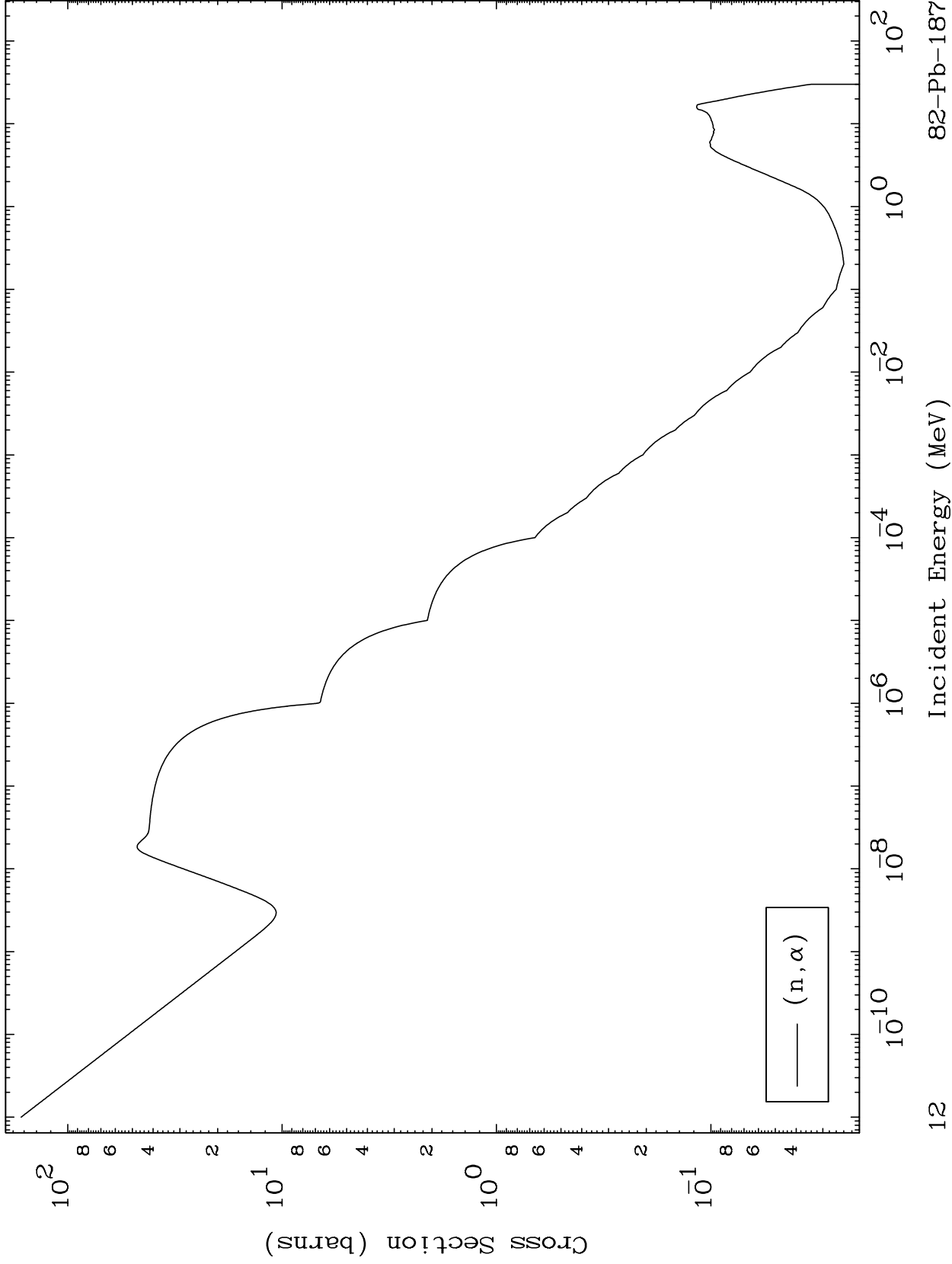
82-Pb-187



MAT 8174

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

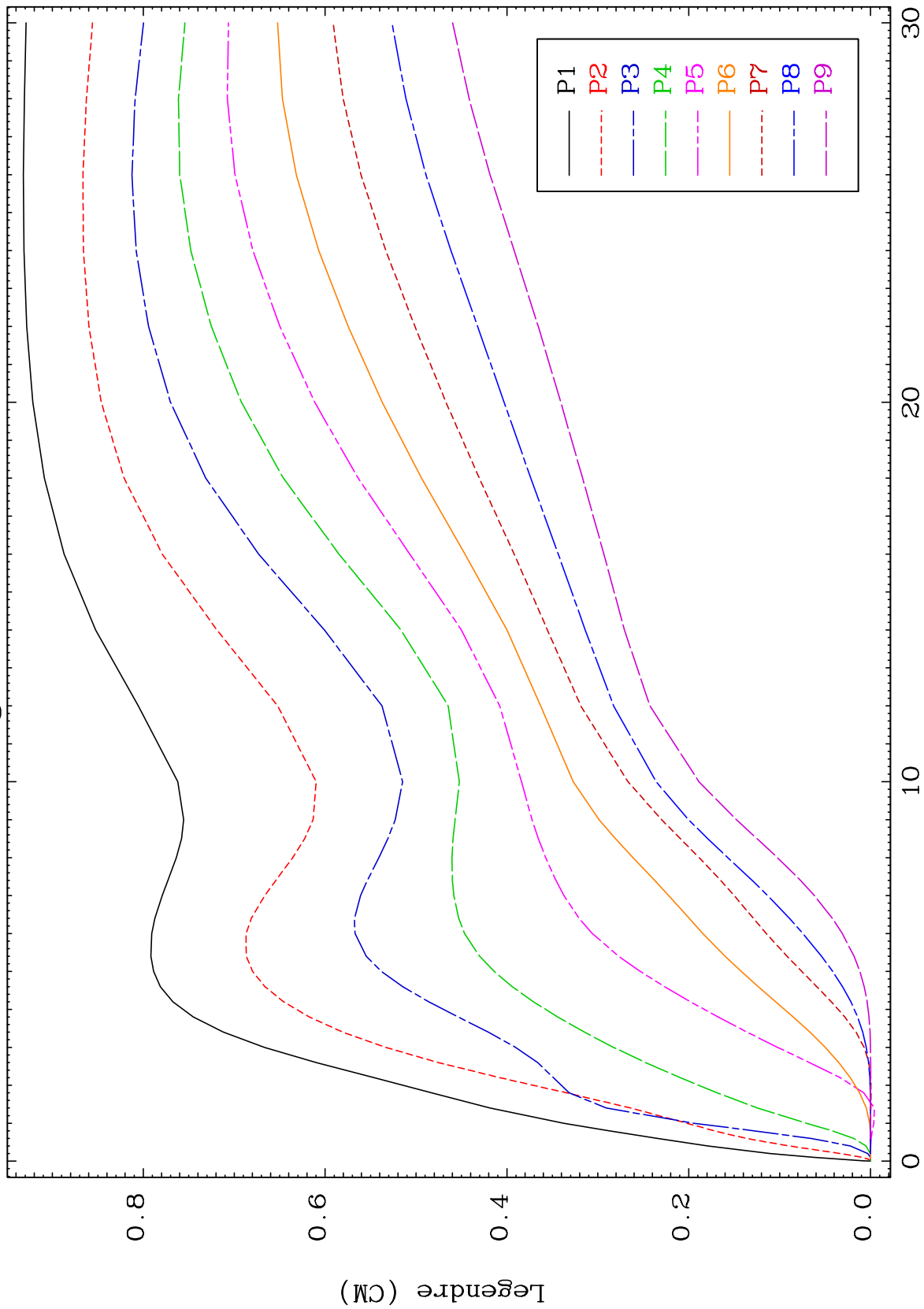
82-Pb-187



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Elastic Legendre Coefficients

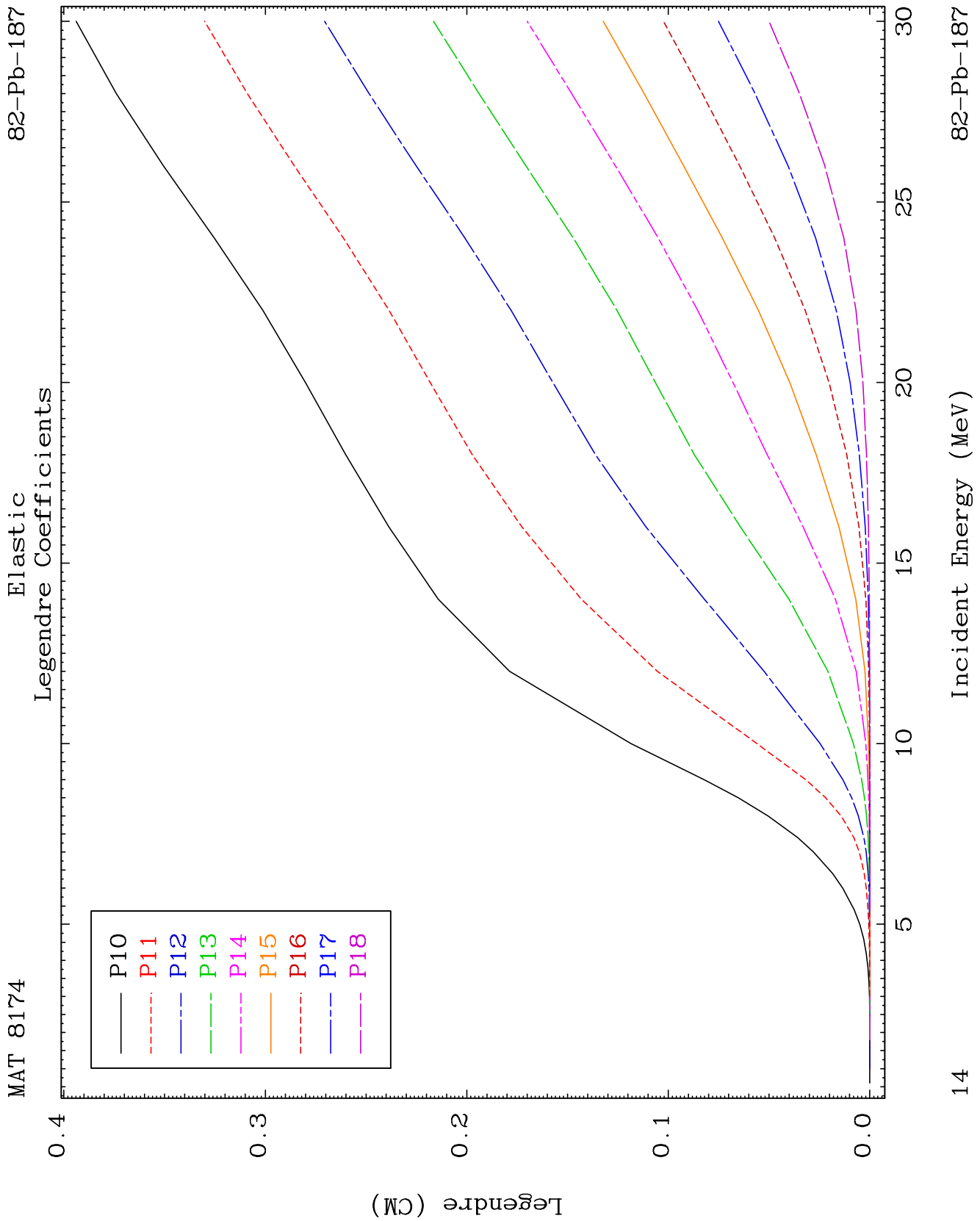
$^{82}\text{Pb-187}$



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Incident Energy (MeV)

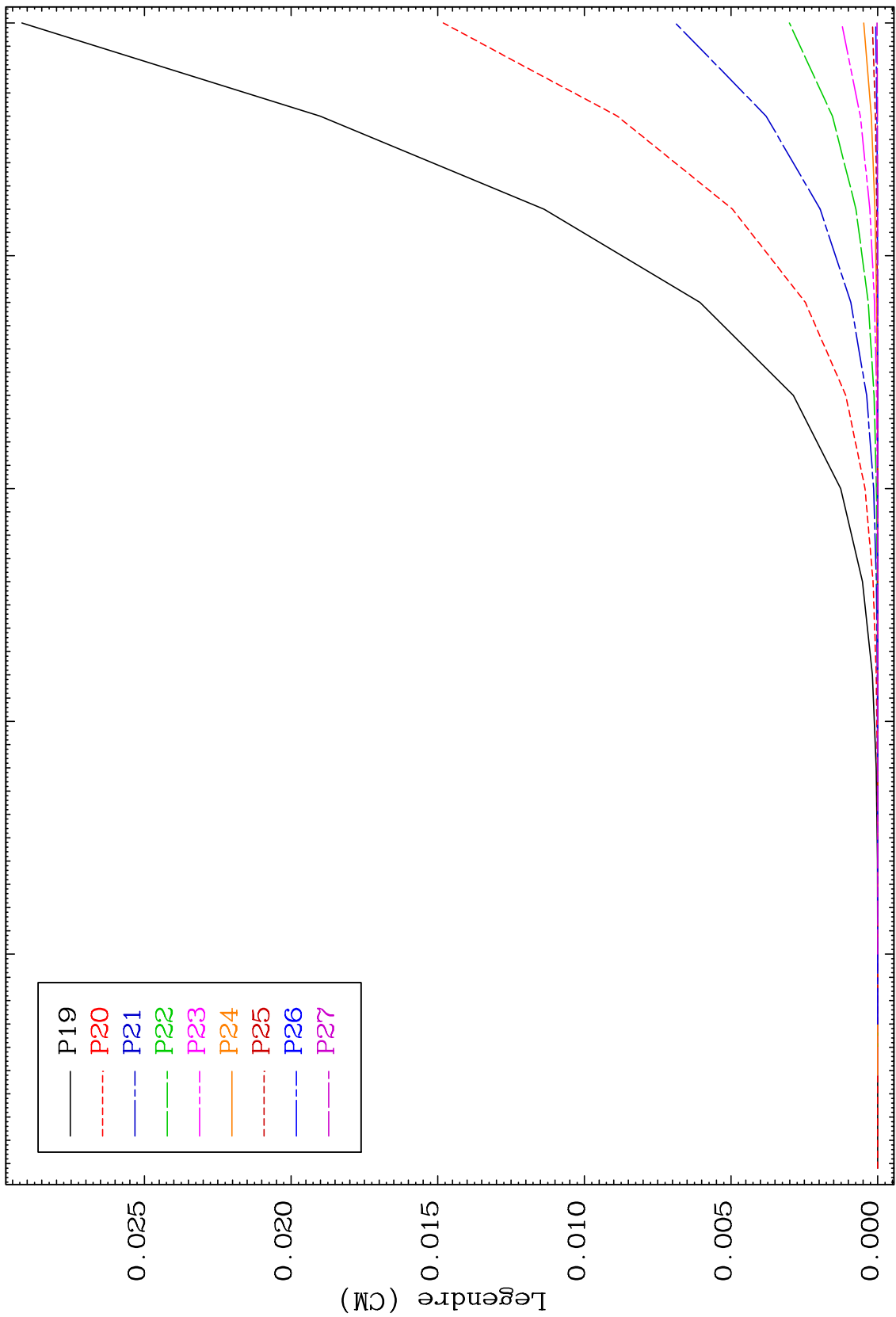
$^{82}\text{Pb-187}$



MAT 8174

### Elastic Legendre Coefficients

82-Pb-187



15

Incident Energy (MeV)

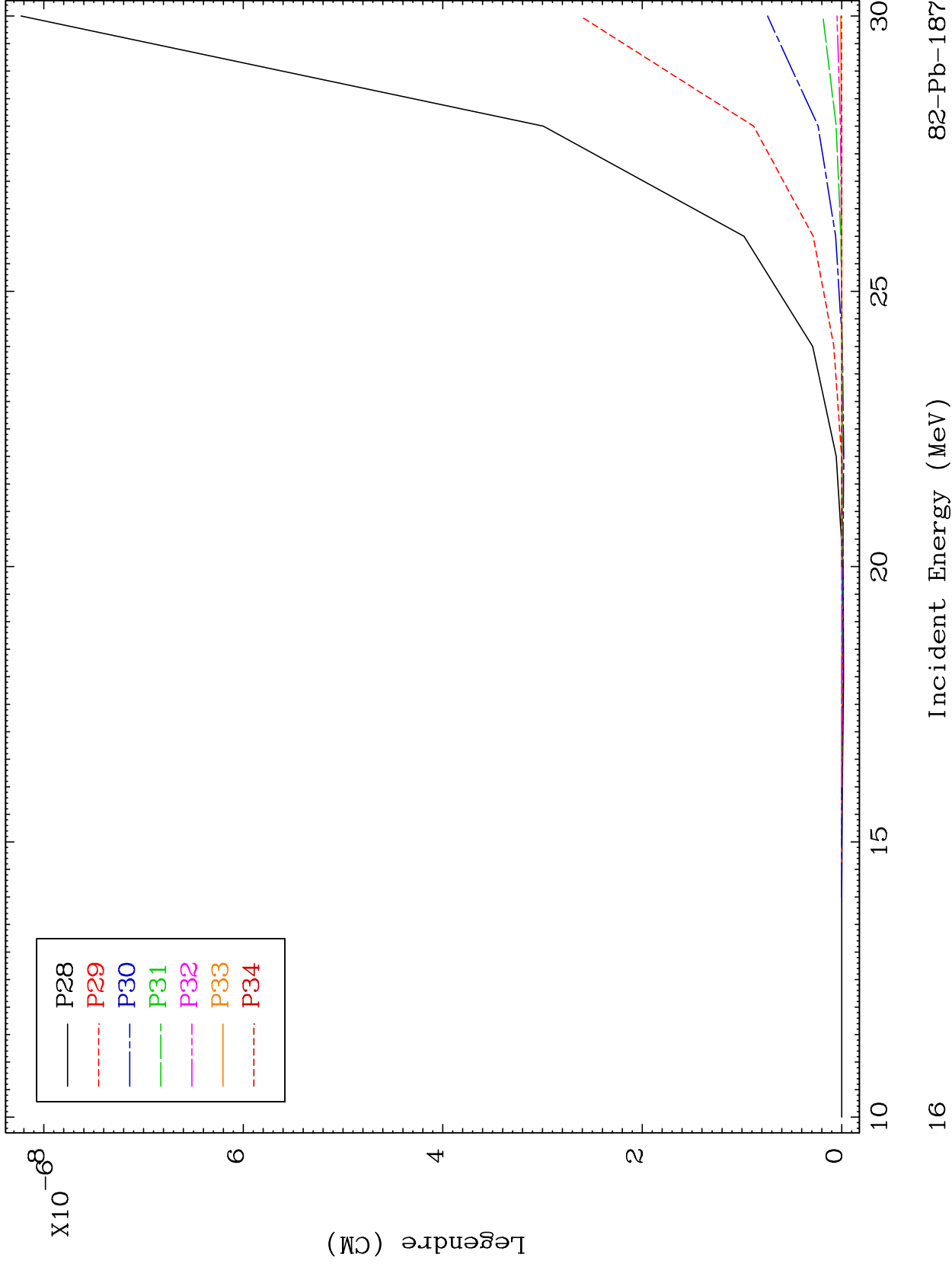
82-Pb-187



MAT 8174

Elastic  
Legendre Coefficients

82-Pb-187



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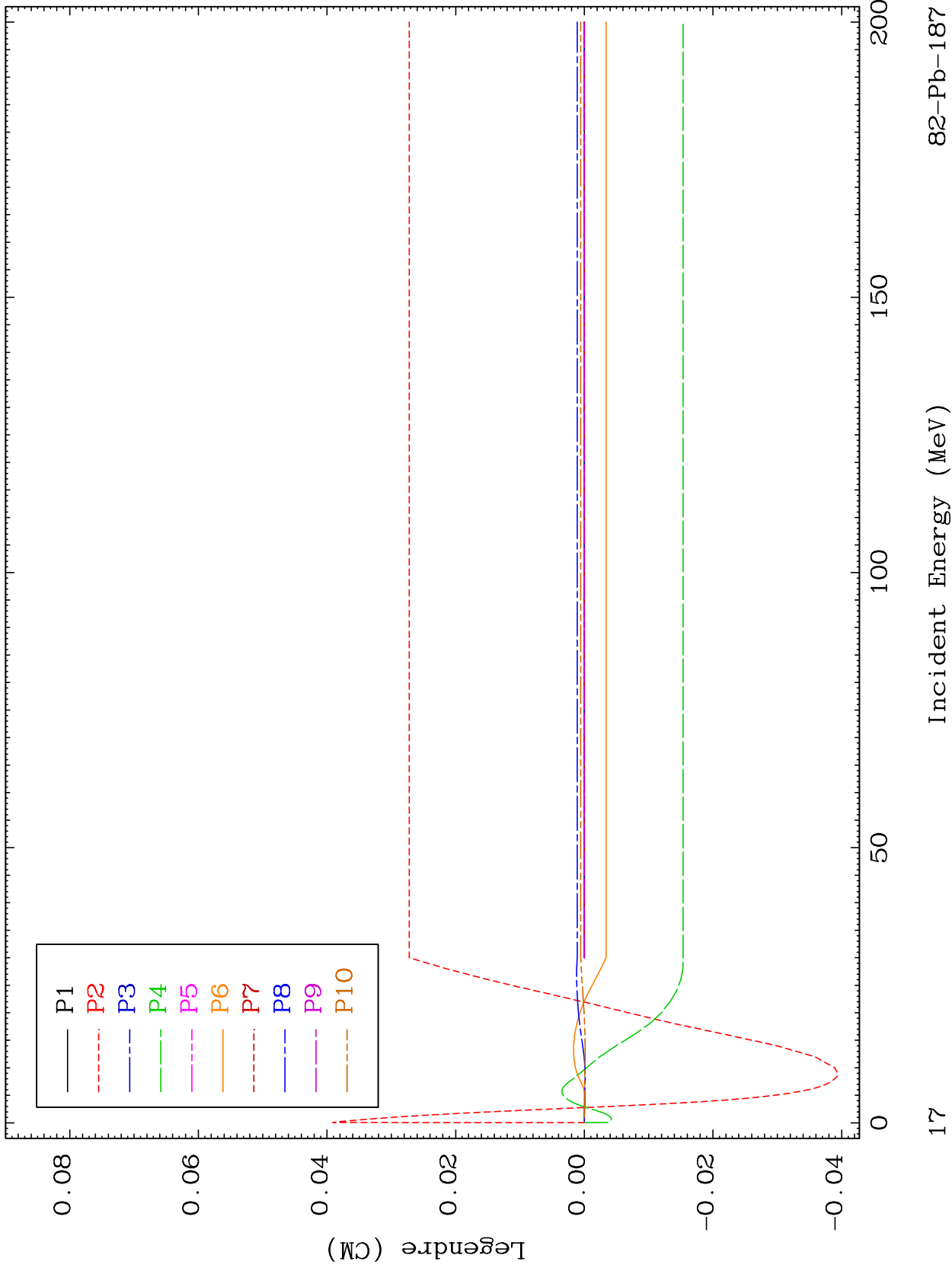
Incident Energy (MeV)

82-Pb-187

MAT 8174

19.00 keV (n,n') Level  
Legendre Coefficients

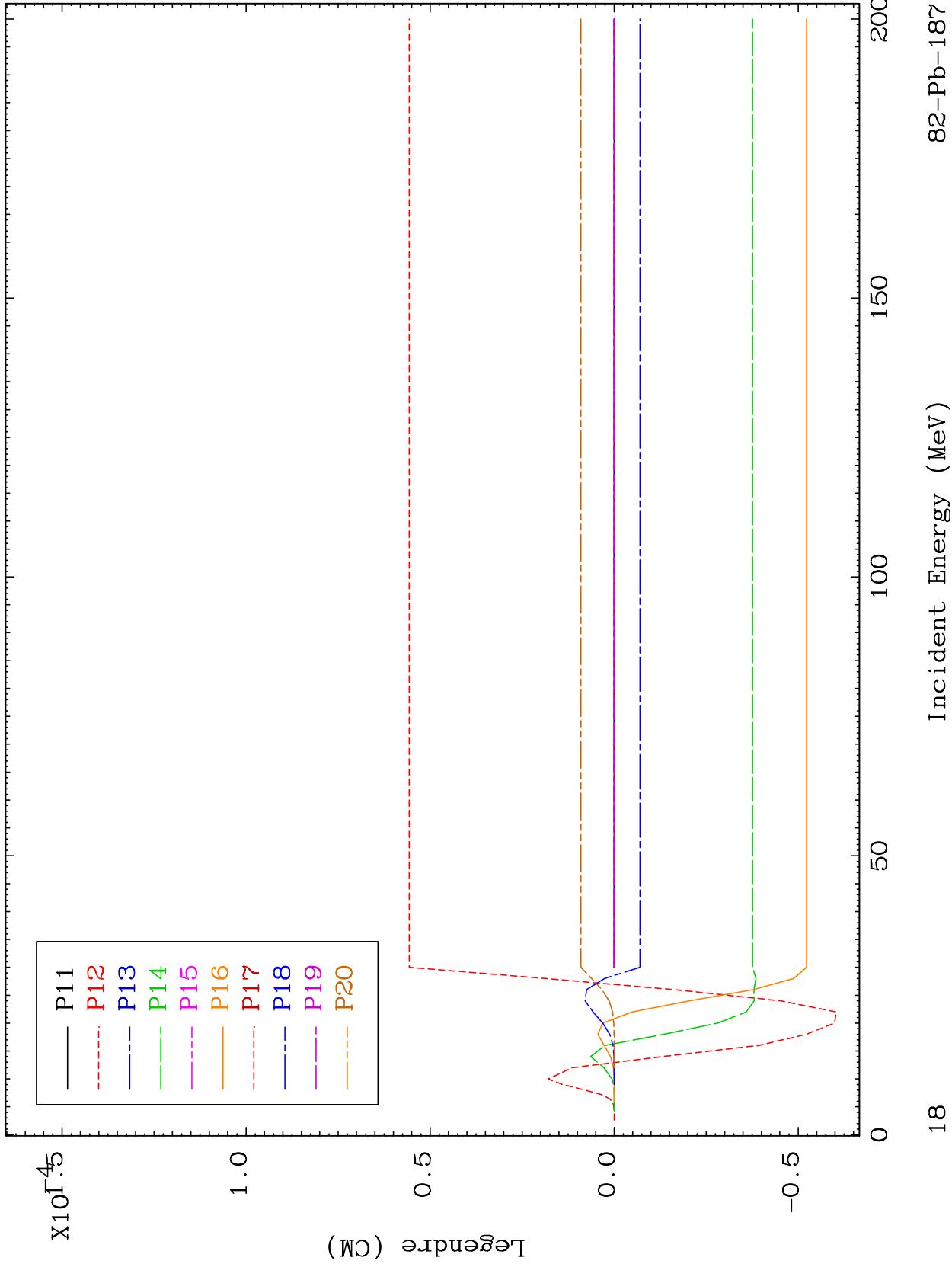
82-Pb-187



MAT 8174

19.00 keV (n,n') Level  
Legendre Coefficients

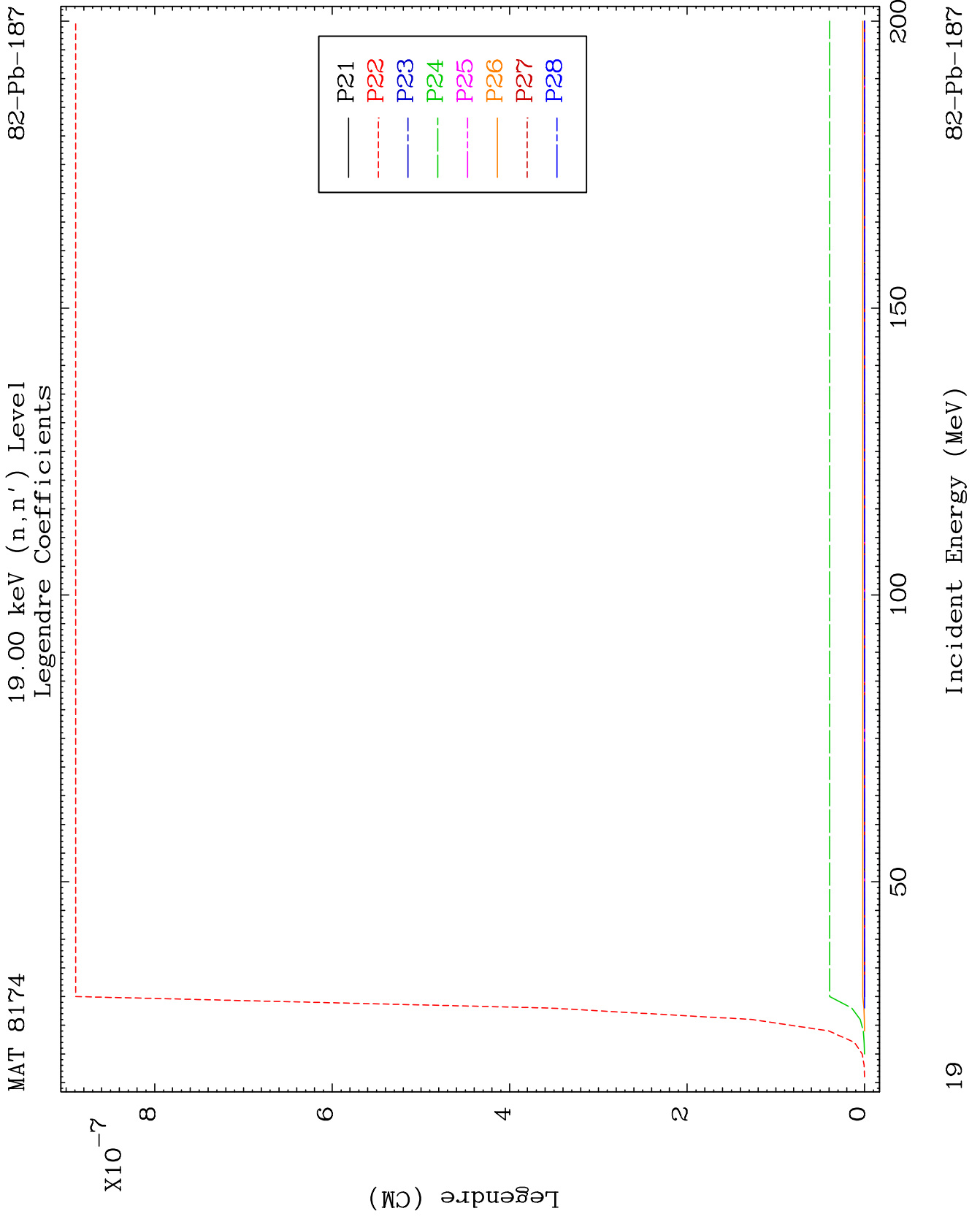
82-Pb-187



18

Incident Energy (MeV)

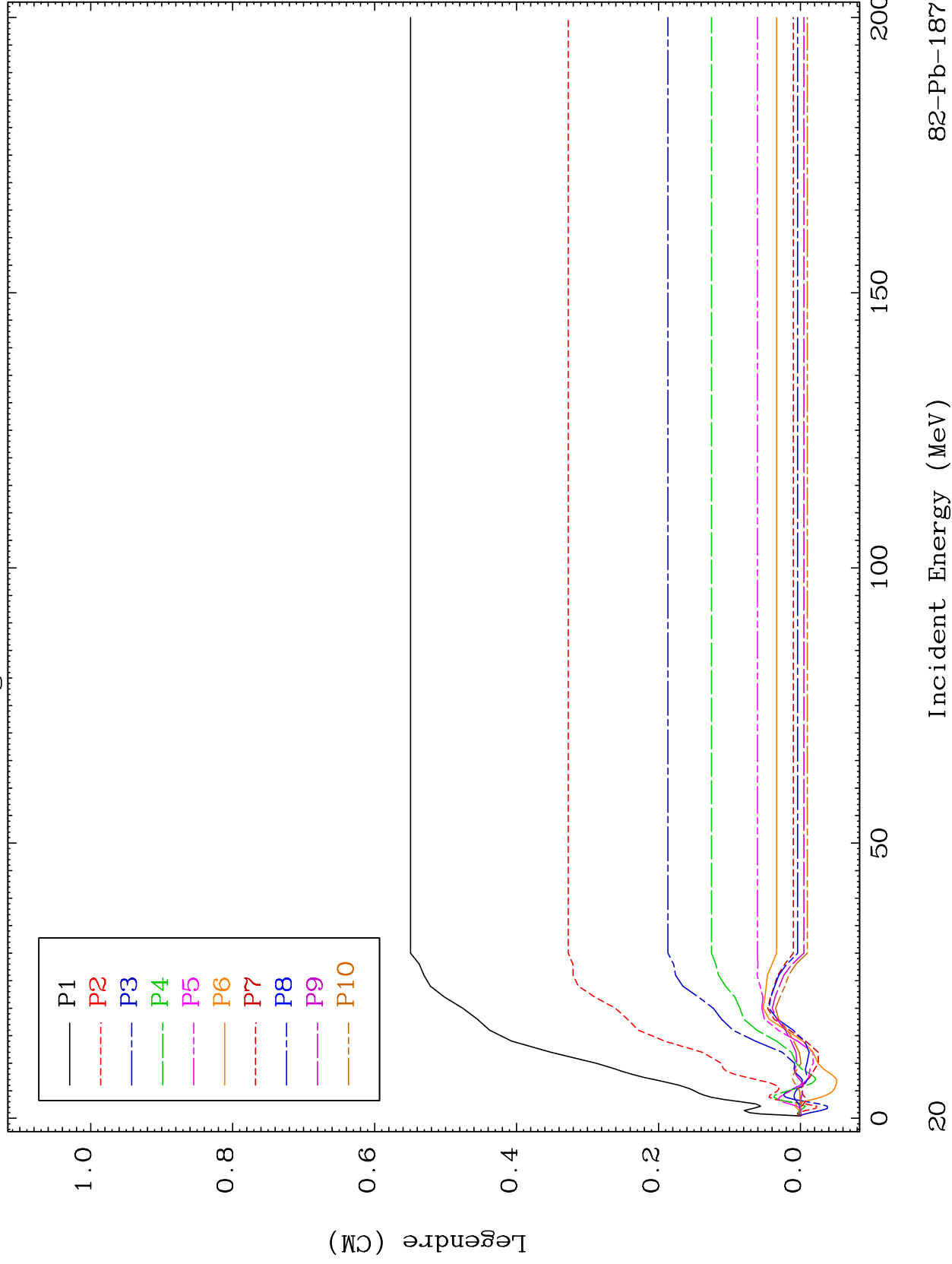
82-Pb-187



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408.0 keV (n,n') Level  
Legendre Coefficients

82-Pb-187



82-Pb-187

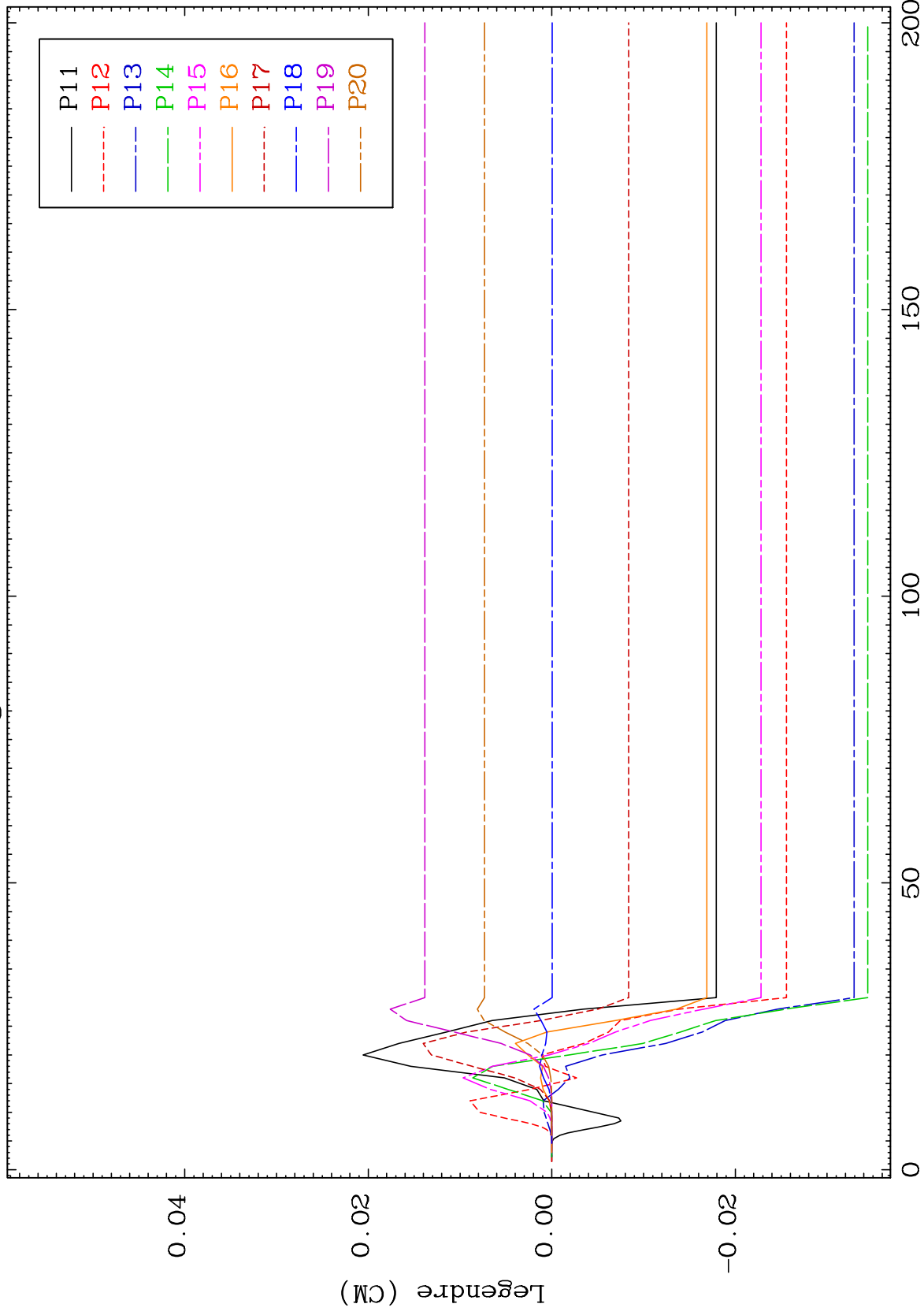
Incident Energy (MeV)

0

MAT 8174

408.0 keV (n,n') Level  
Legendre Coefficients

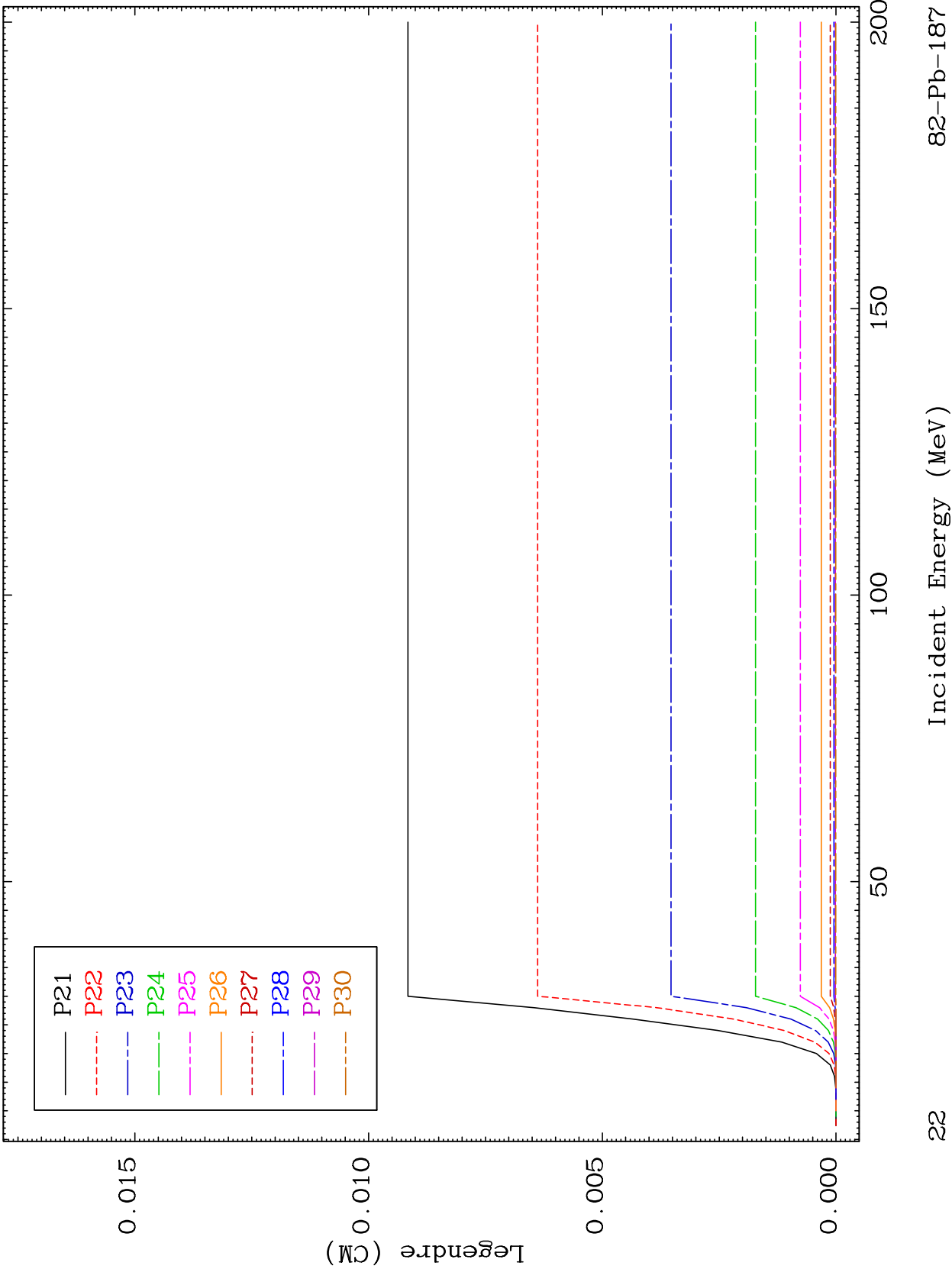
82-Pb-187

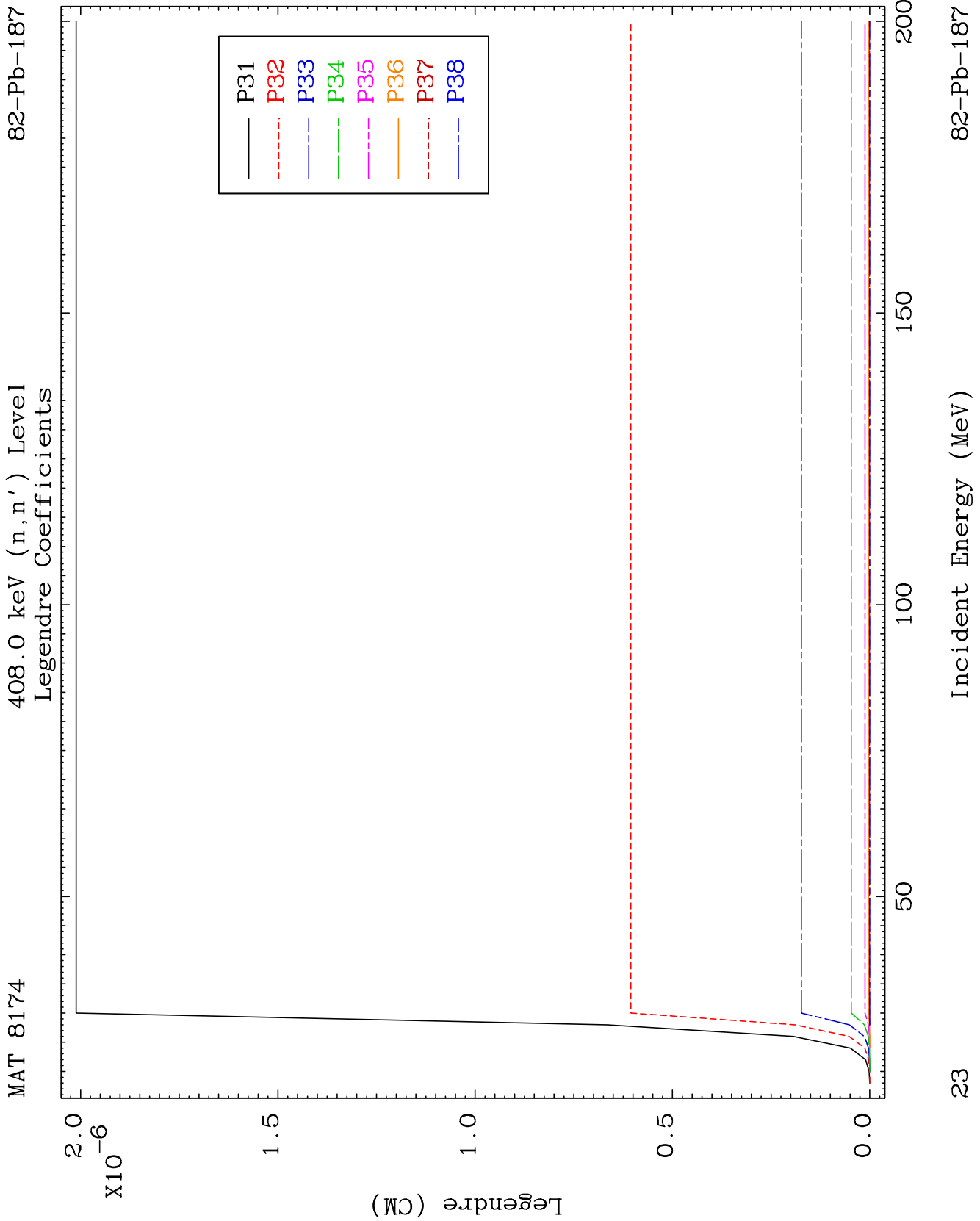


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Incident Energy (MeV)

82-Pb-187



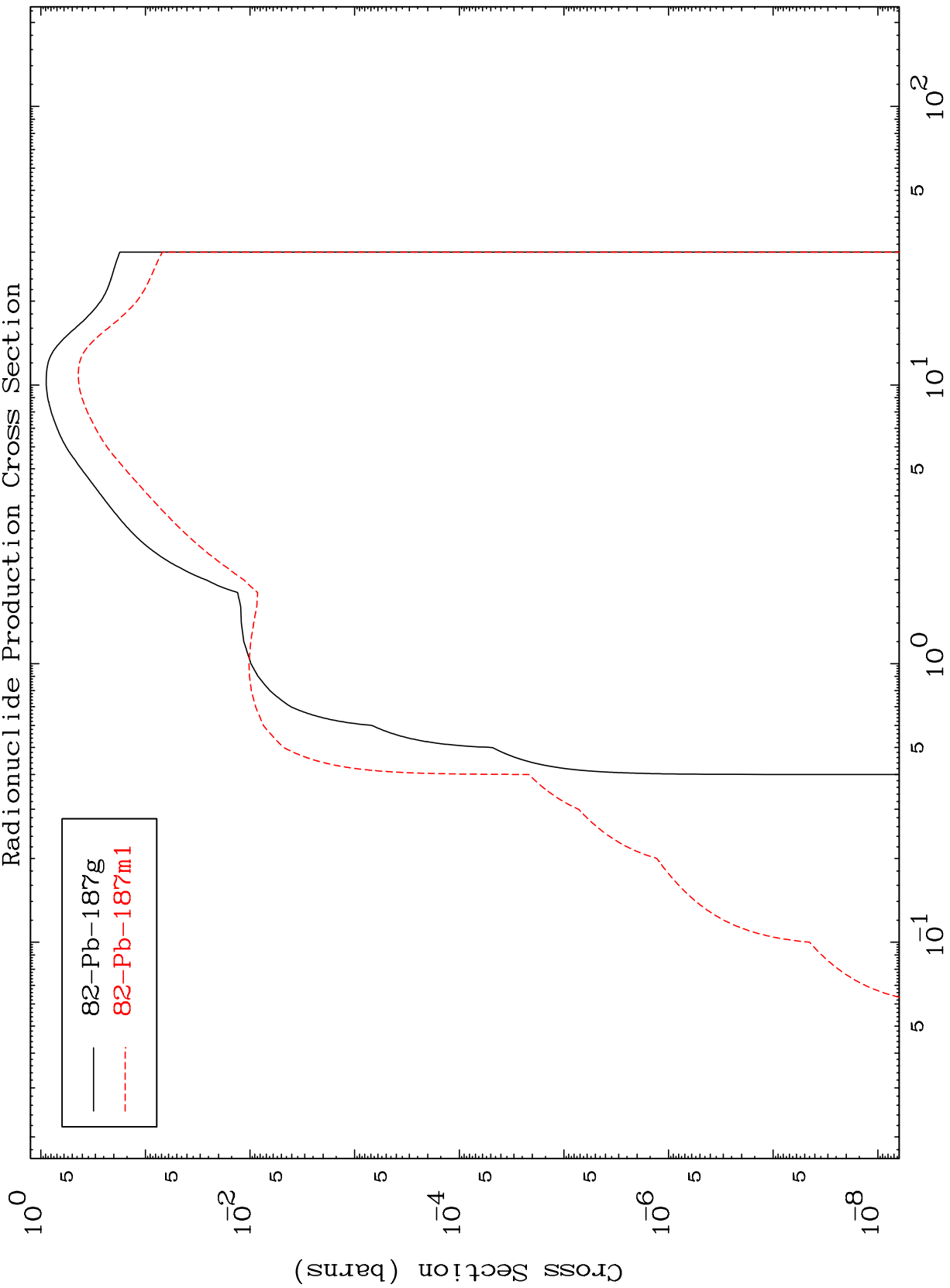




MAT 8174

82-Pb-187

Inelastic  
Radionuclide Production Cross Section



82-Pb-187g  
82-Pb-187m1

82-Pb-187

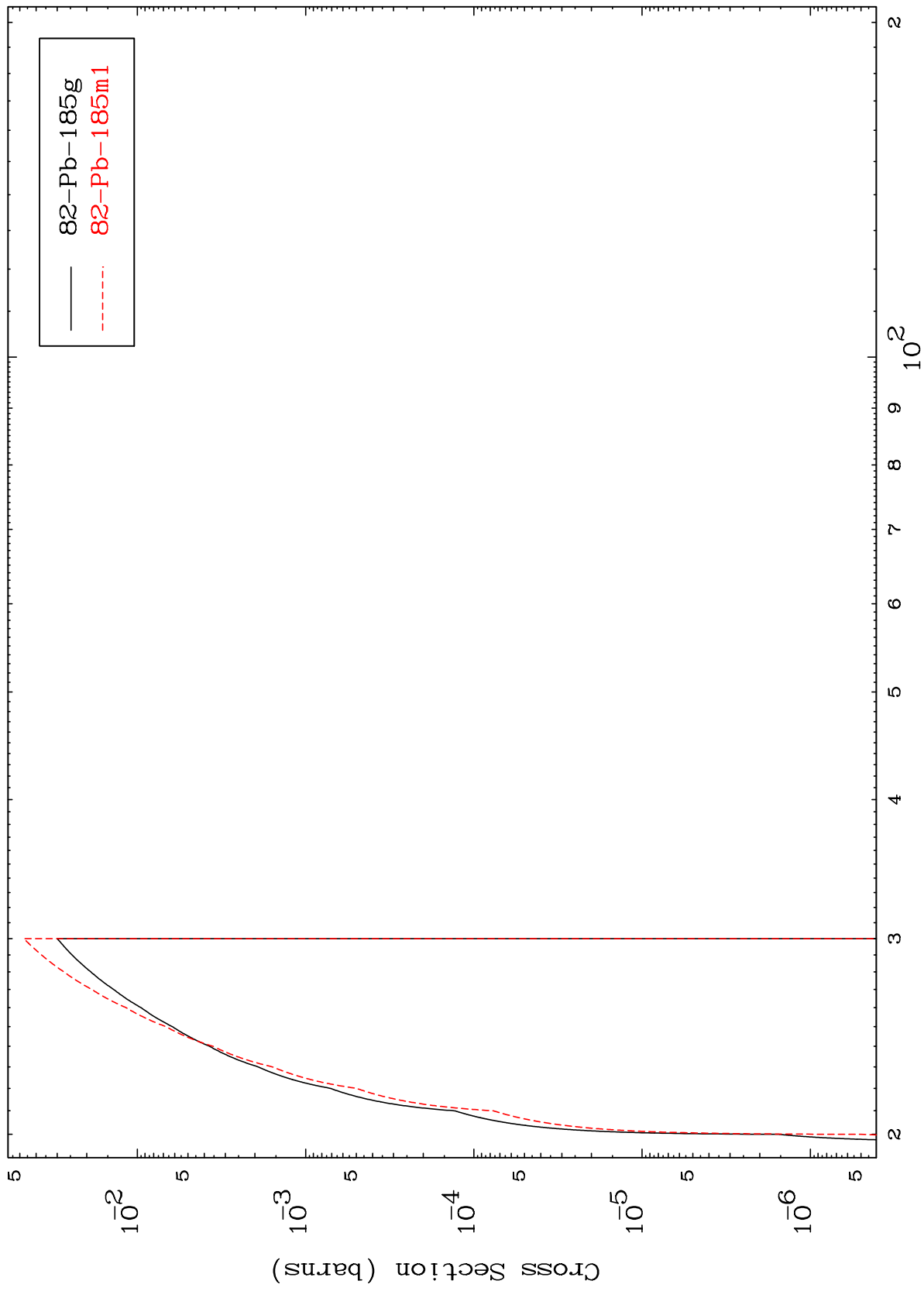
Incident Energy (MeV)

24

MAT 8174

82-Pb-187

(n,3n)  
Radionuclide Production Cross Section



25

Incident Energy (MeV)

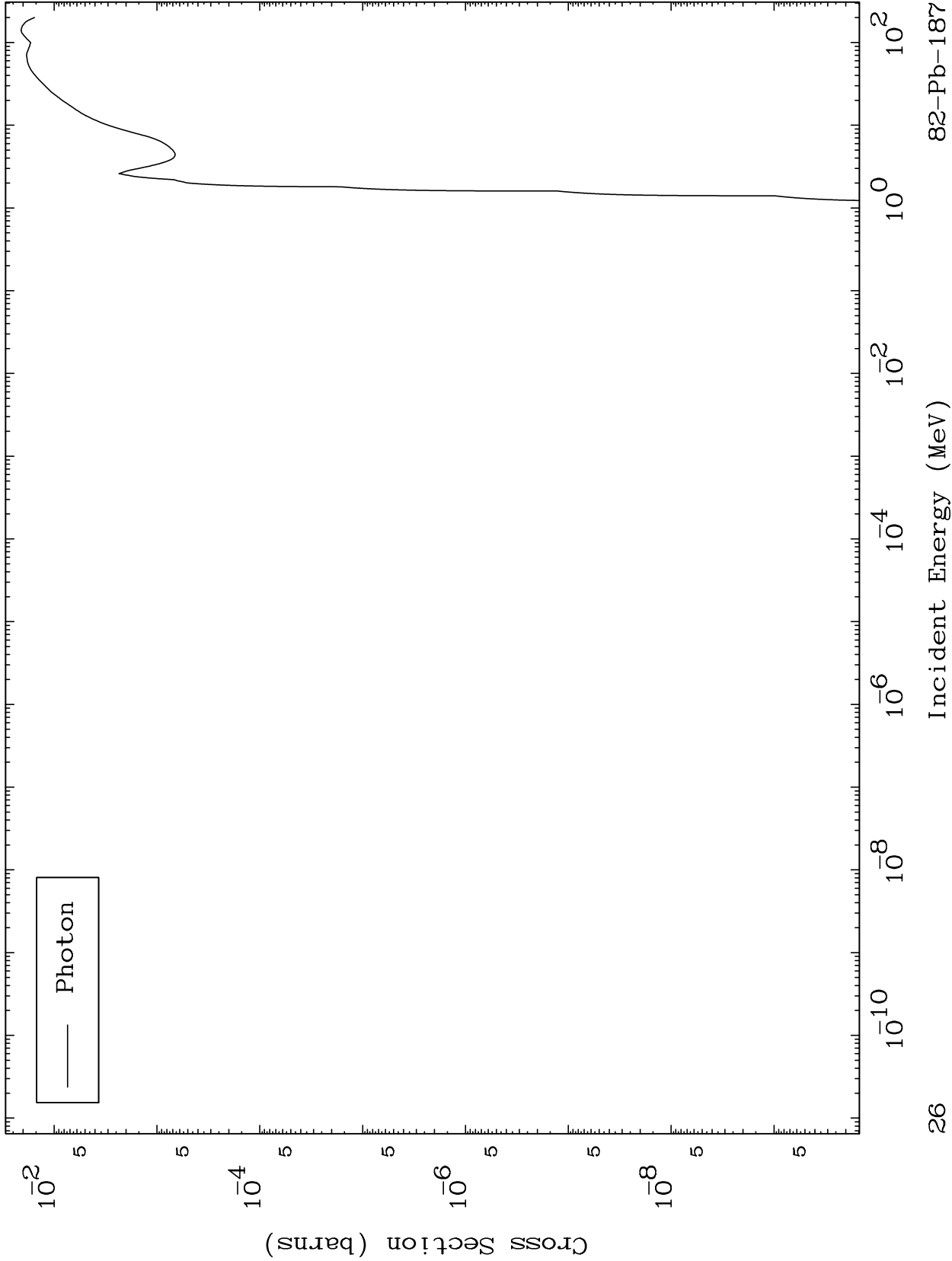
82-Pb-187

MAT 8174

Fission

82-Pb-187

Radionuclide Production Cross Section



26

Incident Energy (MeV)

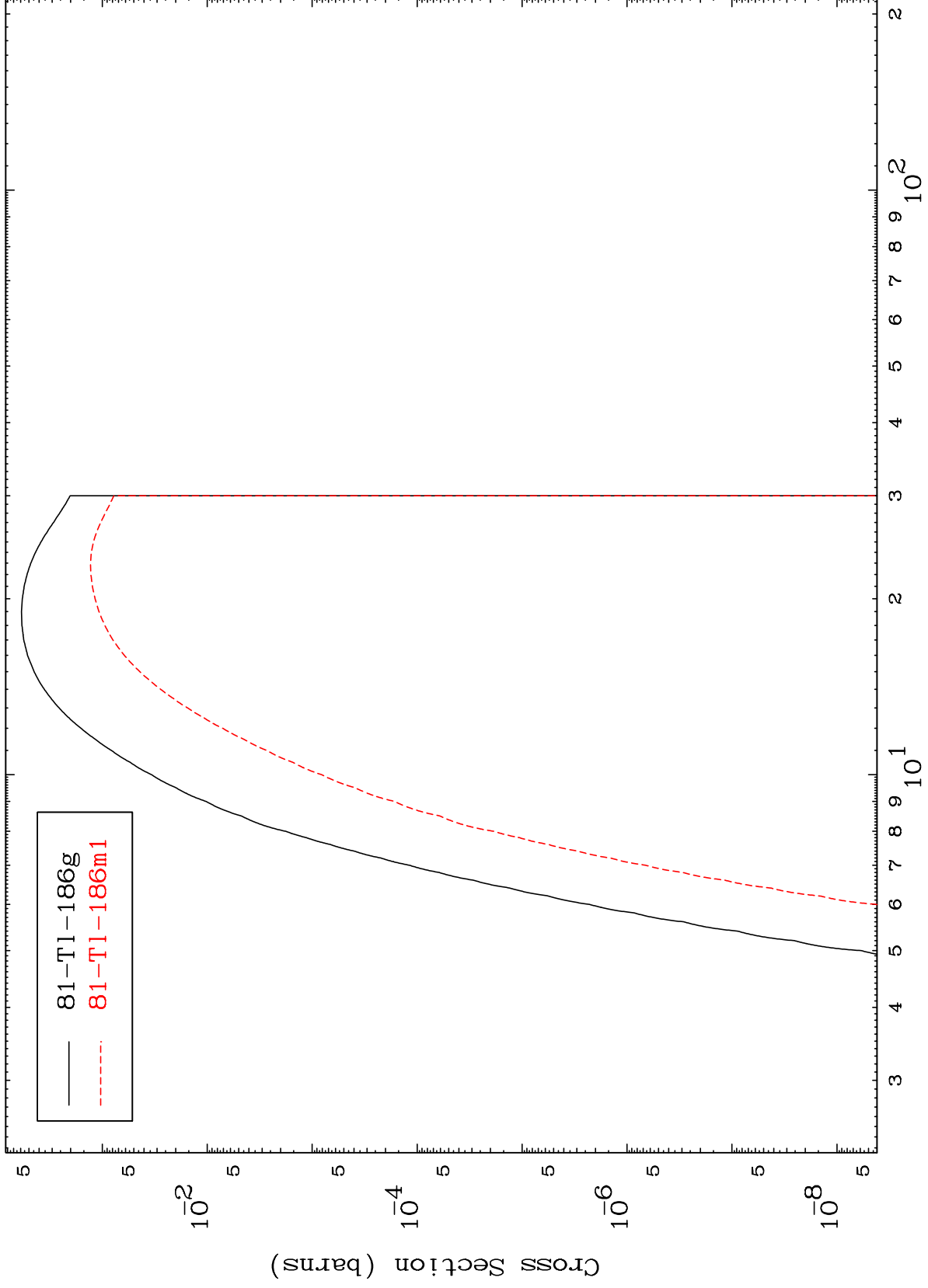
82-Pb-187

MAT 8174

82-Pb-187

(n,n') p

Radionuclide Production Cross Section



27

Incident Energy (MeV)

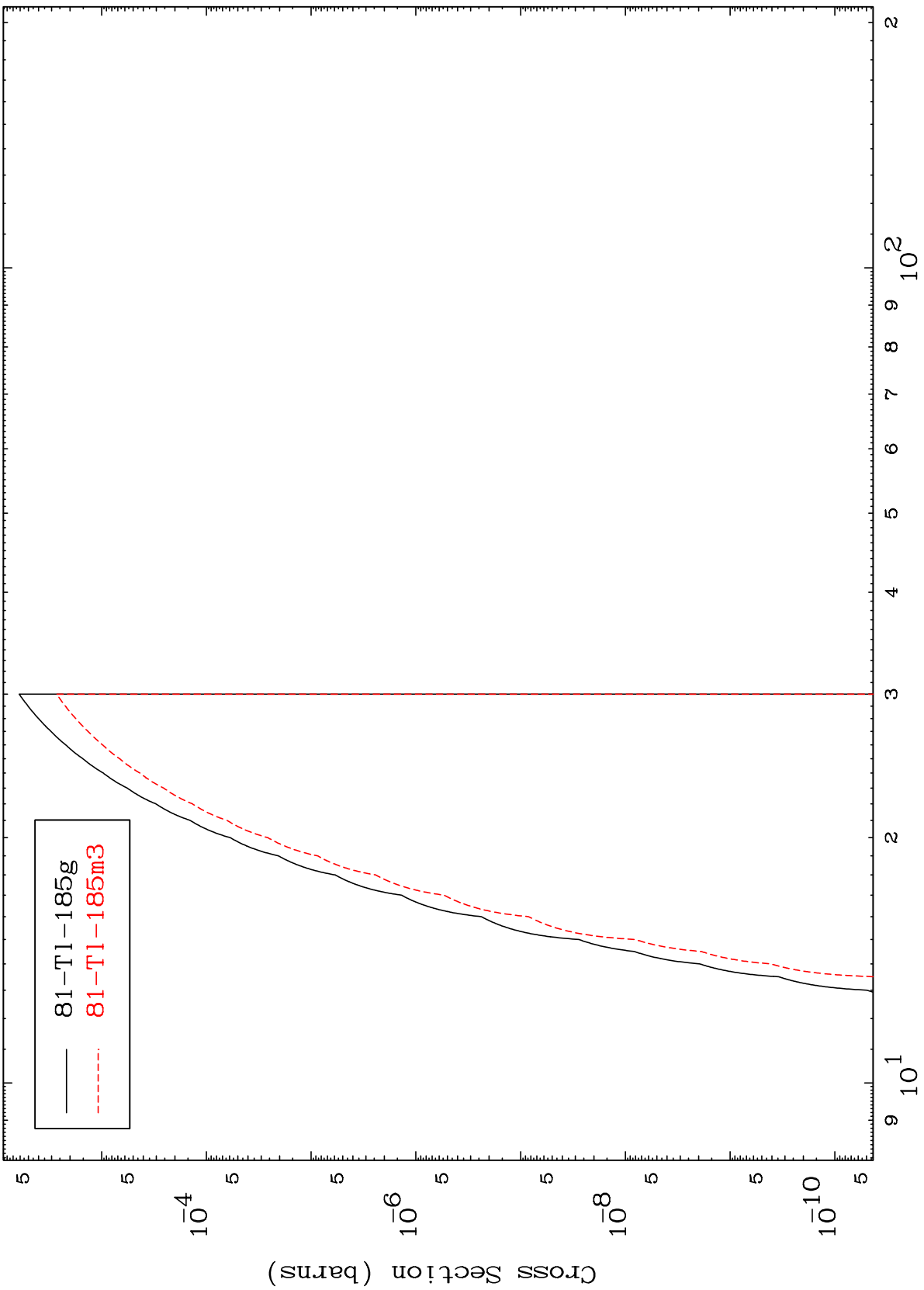
82-Pb-187

MAT 8174

(n,n') d

82-Pb-187

Radionuclide Production Cross Section



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

28

Incident Energy (MeV)

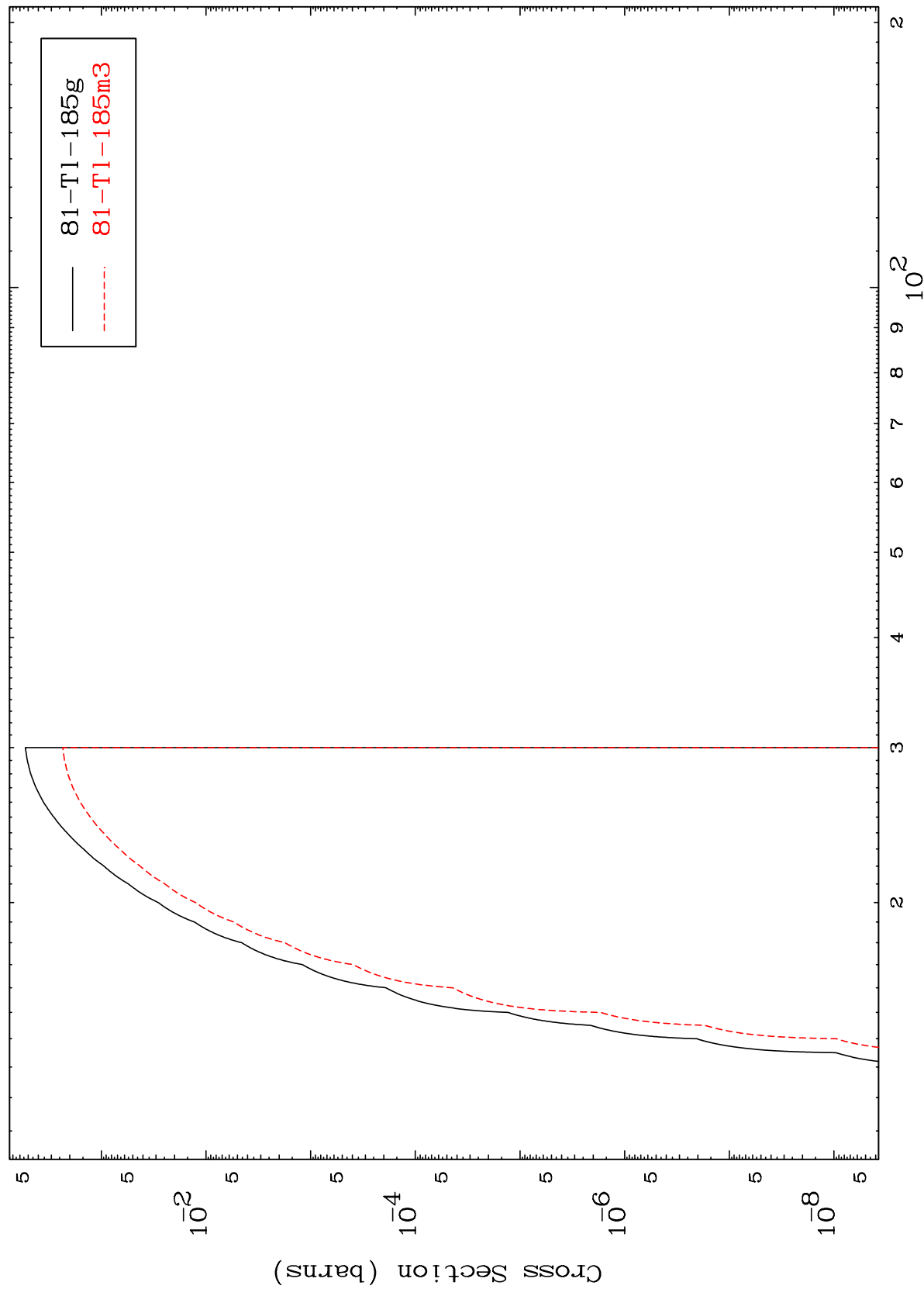
82-Pb-187

MAT 8174

(n,2n) p

82-Pb-187

Radionuclide Production Cross Section



29

Incident Energy (MeV)

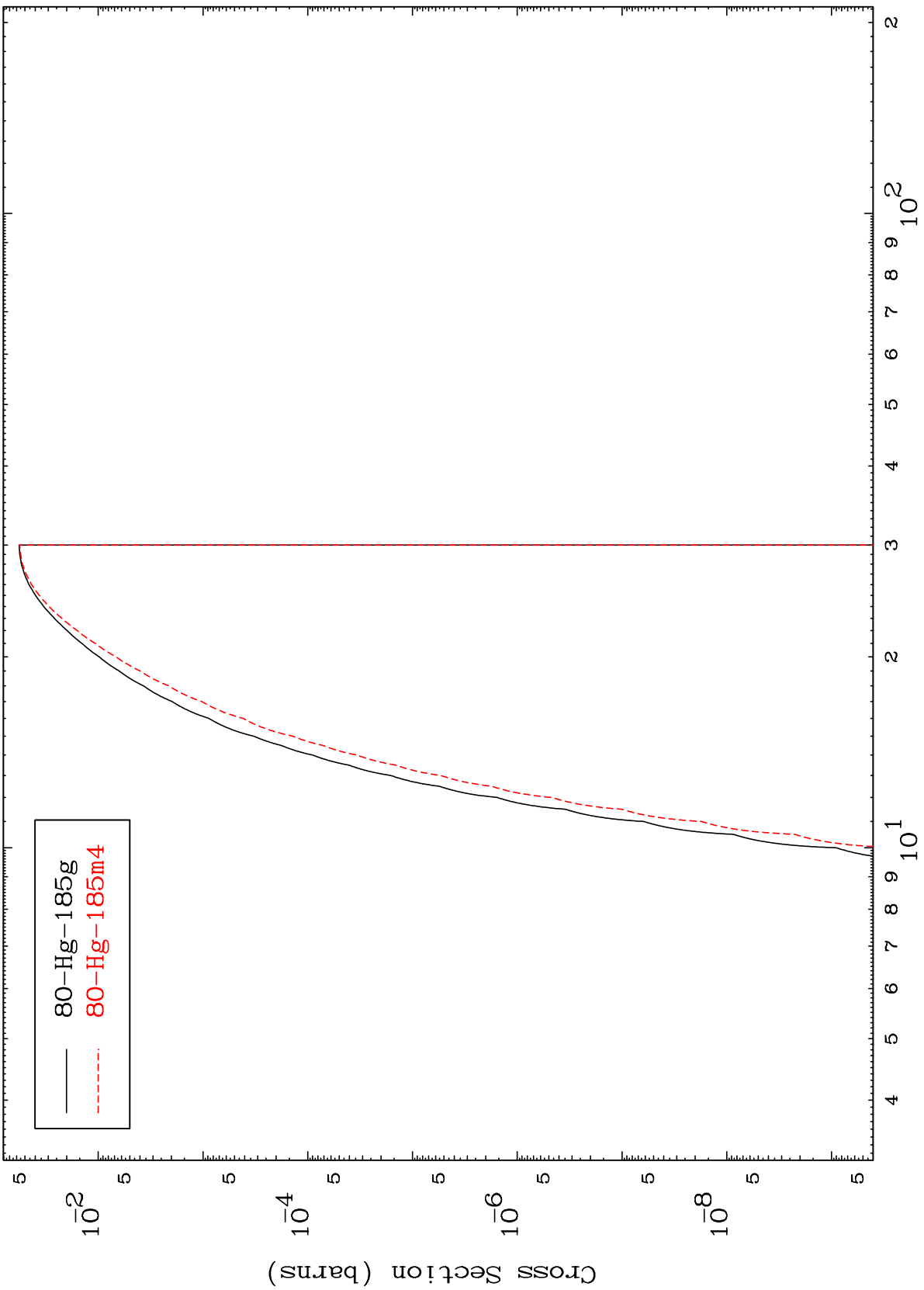
82-Pb-187

MAT 8174

(n,2n) p

82-Pb-187

Radionuclide Production Cross Section



80-Hg-185g  
80-Hg-185m4

30

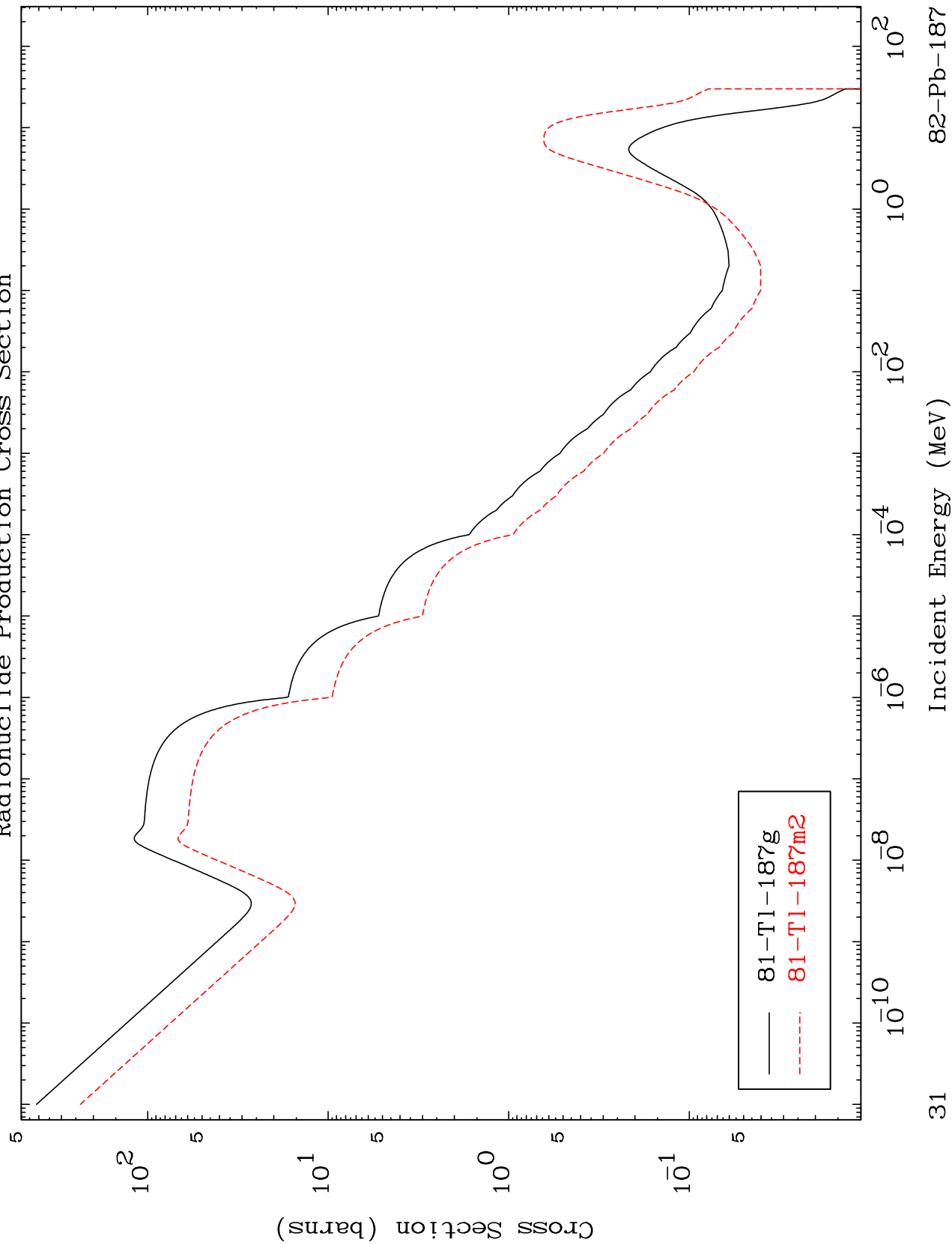
Incident Energy (MeV)

82-Pb-187

MAT 8174

82-Pb-187

(n,p)  
Radionuclide Production Cross Section



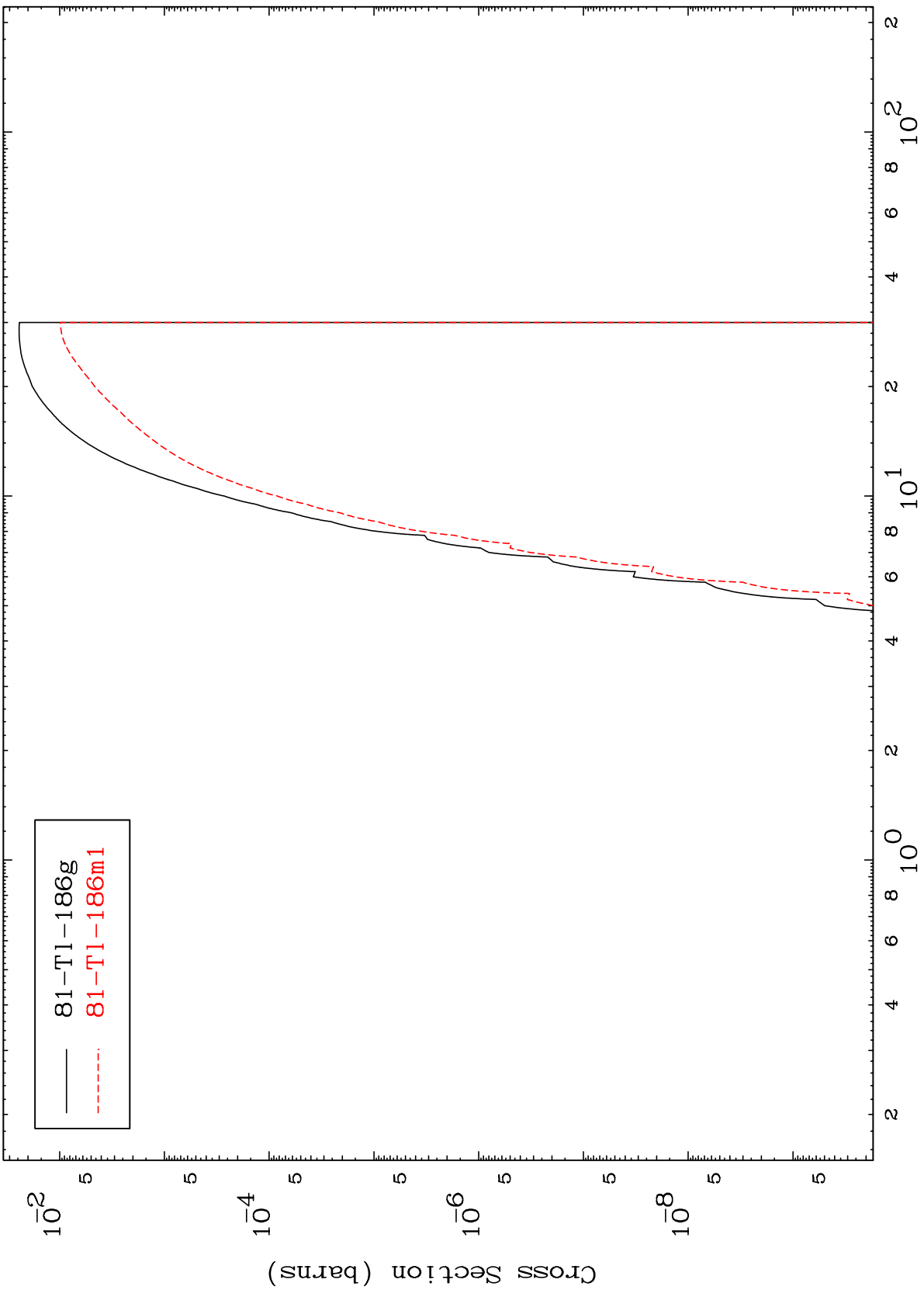


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(n, d)

82-Pb-187

Radionuclide Production Cross Section



Incident Energy (MeV)

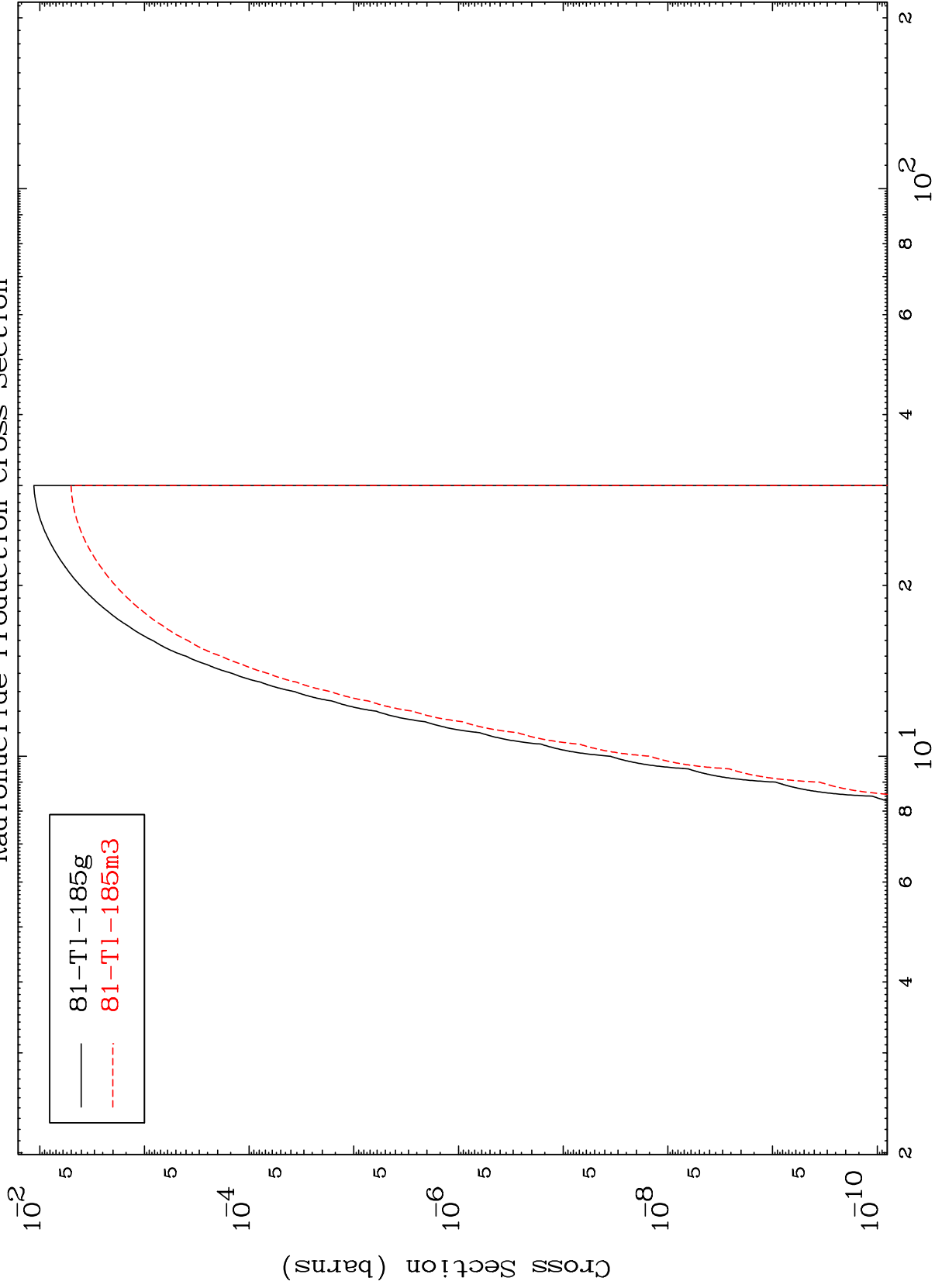
82-Pb-187

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82-Pb-187

Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-187

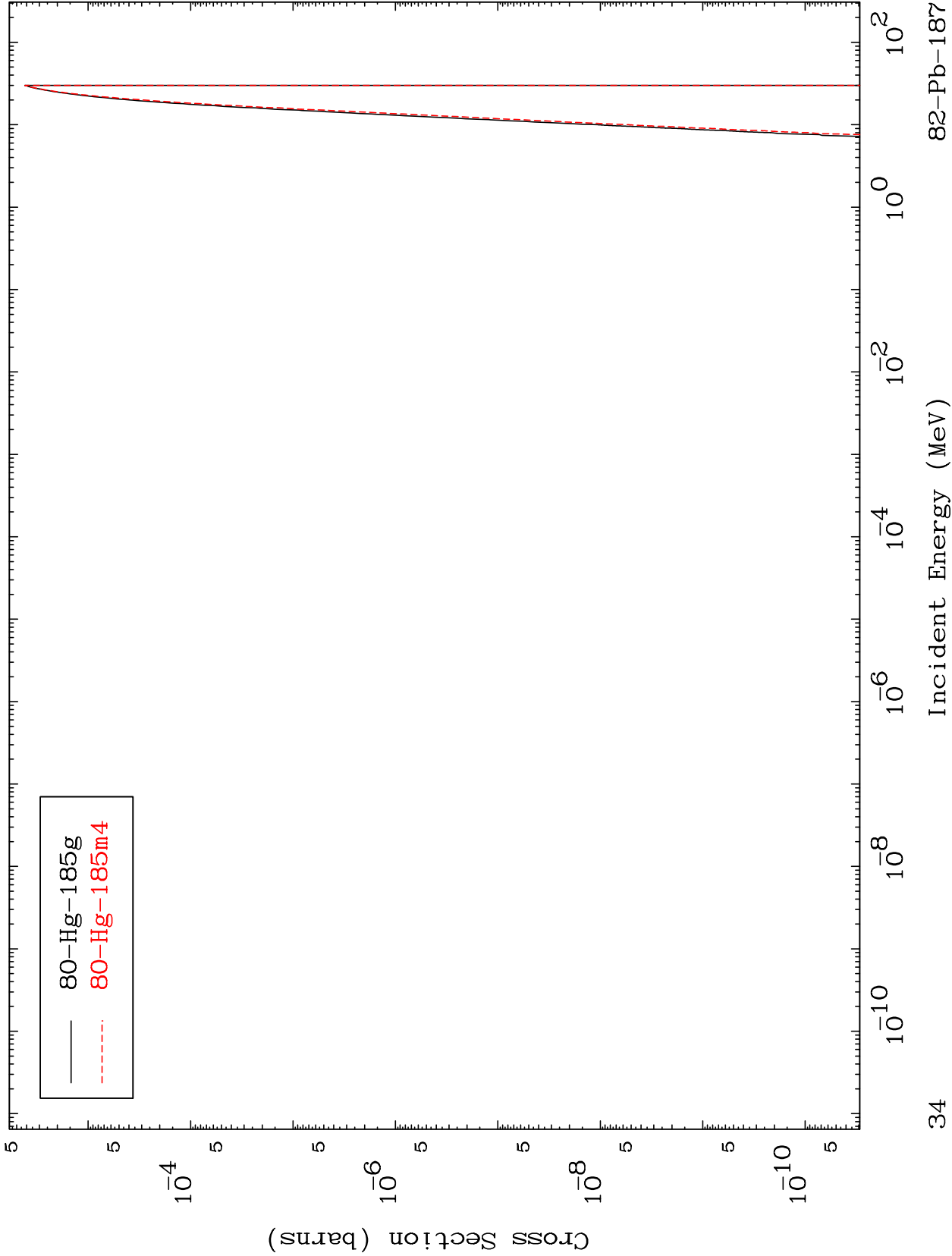
33

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(n,He-3)

82-Pb-187

Radionuclide Production Cross Section



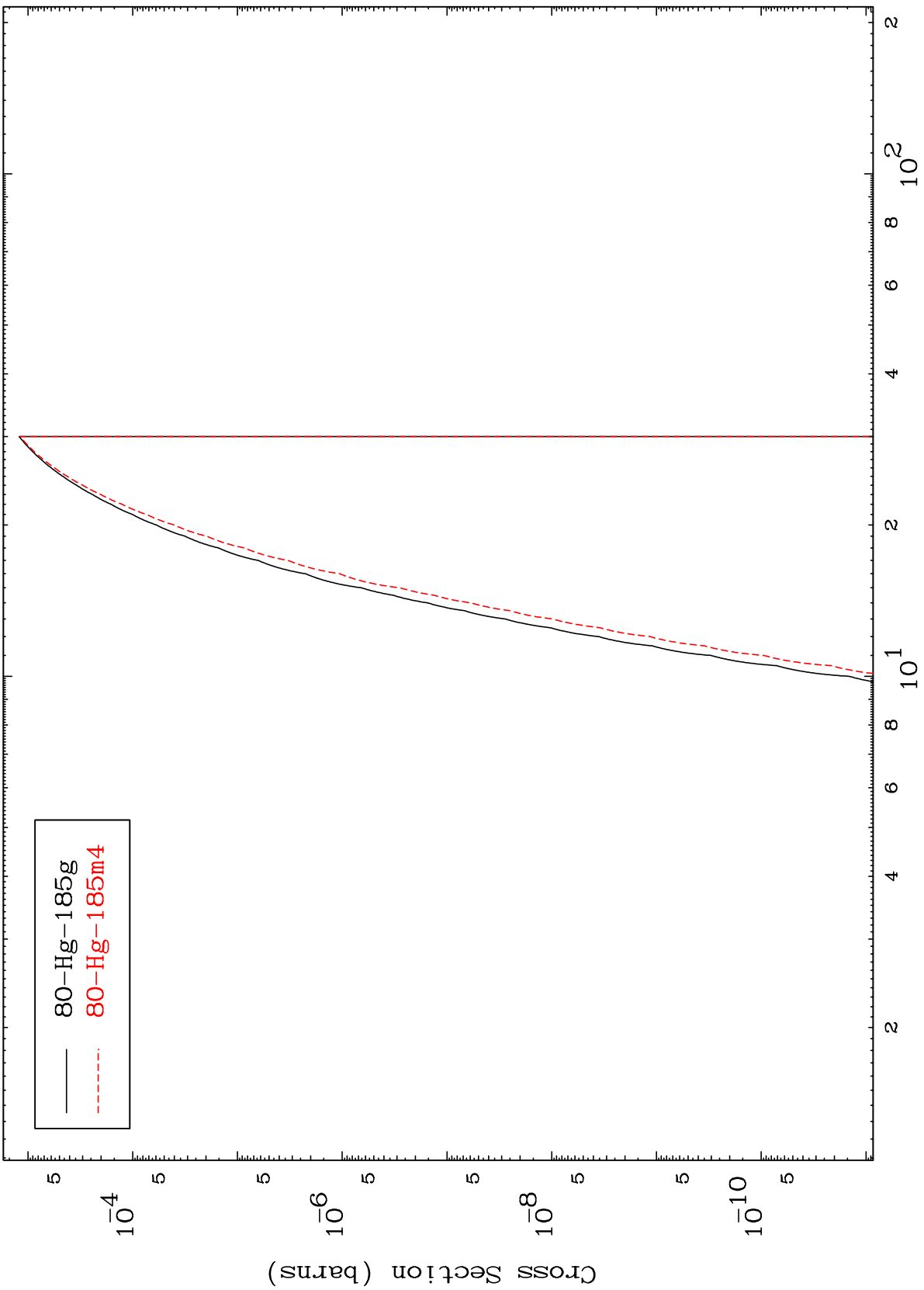
80-Hg-185g  
80-Hg-185m4

MAT 8174

(n,p) d

82-Pb-187

Radionuclide Production Cross Section



35

Incident Energy (MeV)

82-Pb-187