

Program EVALPLOT  
(Version 2015-2)

by

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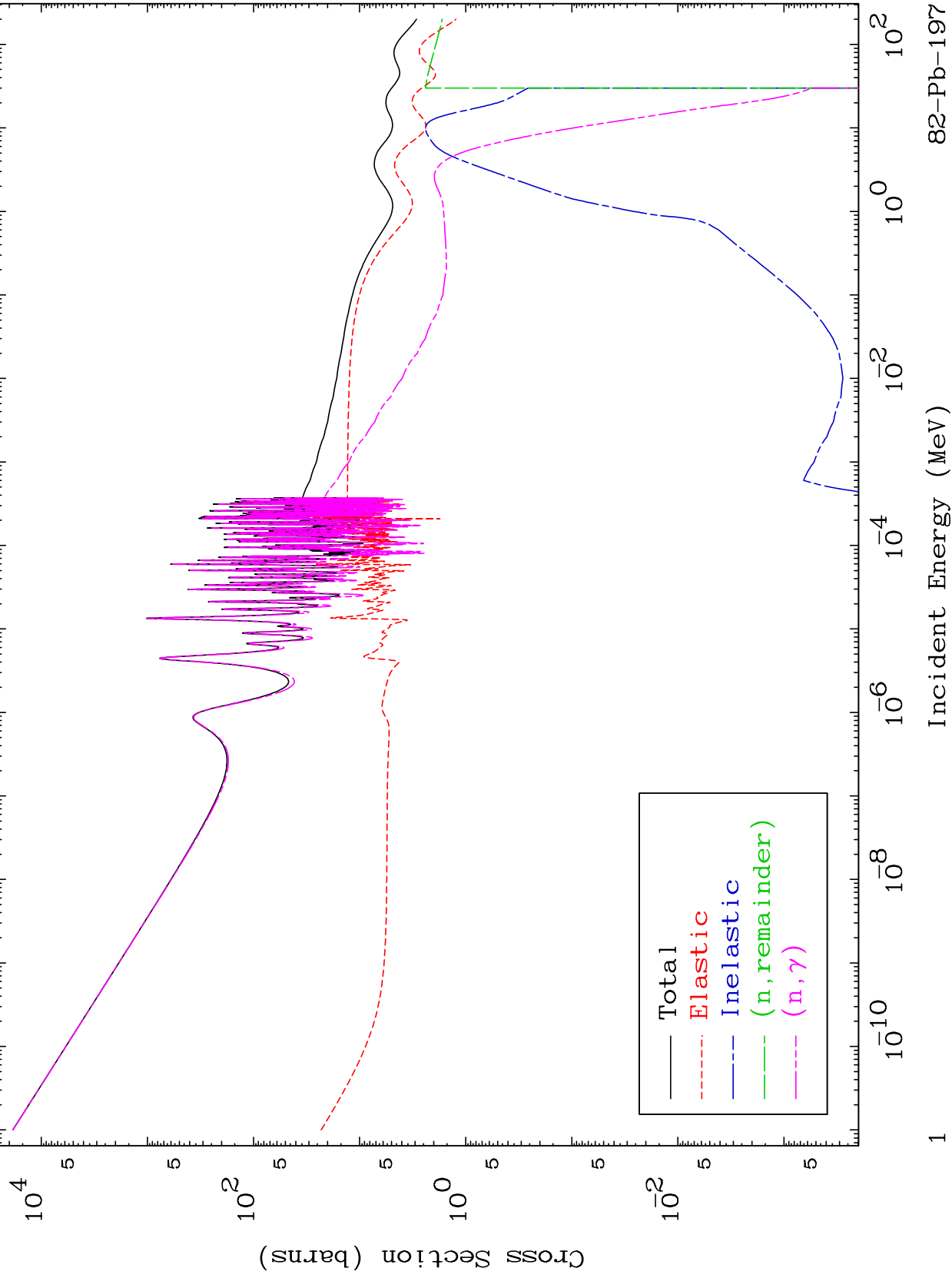
Press Mouse Button to Start

MAT 8205

Major

293 Kelvin Cross Sections

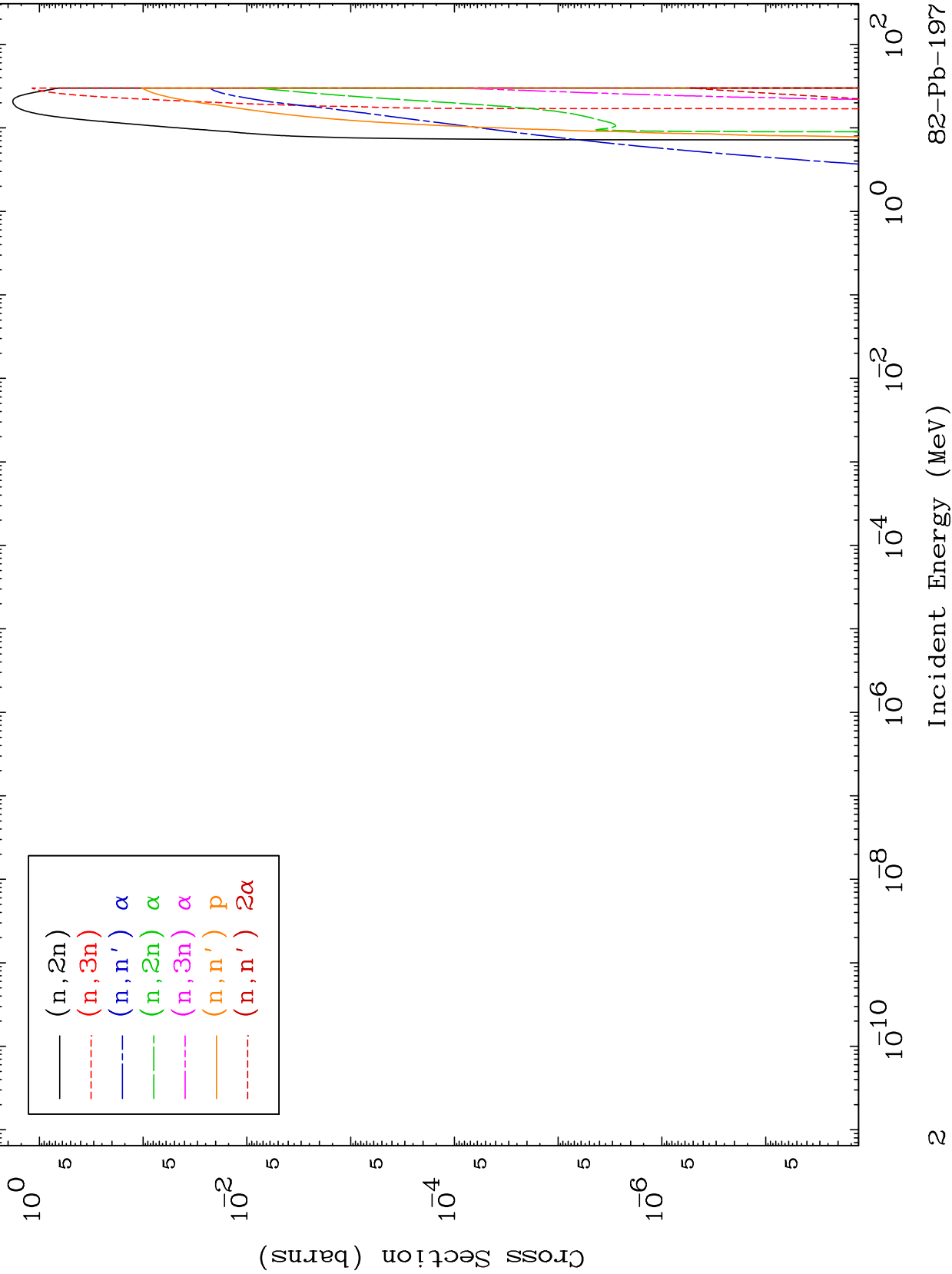
82-Pb-197



MAT 8205

Neutron Production  
293 Kelvin Cross Sections

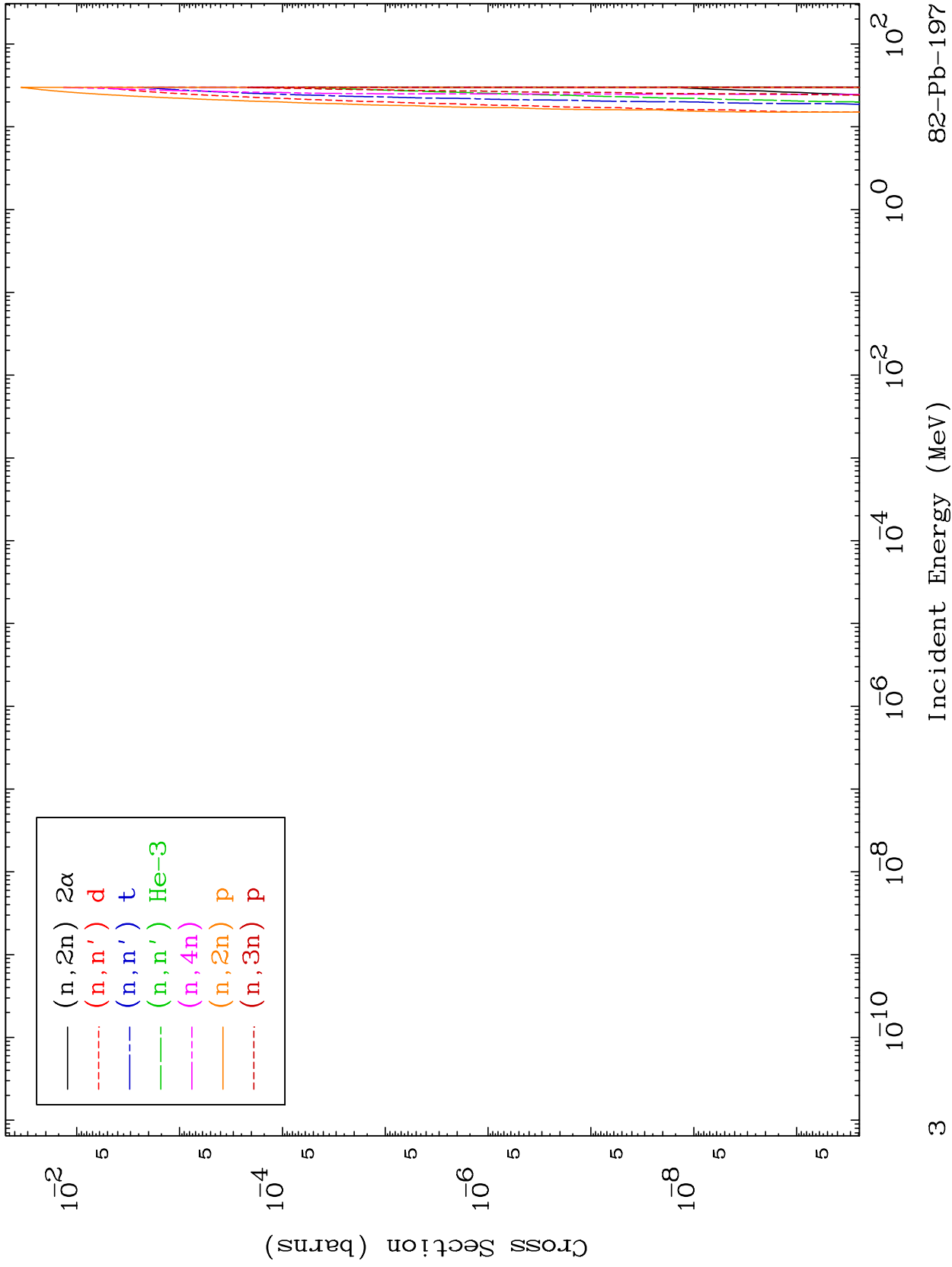
82-Pb-197



MAT 8205

Neutron Production  
293 Kelvin Cross Sections

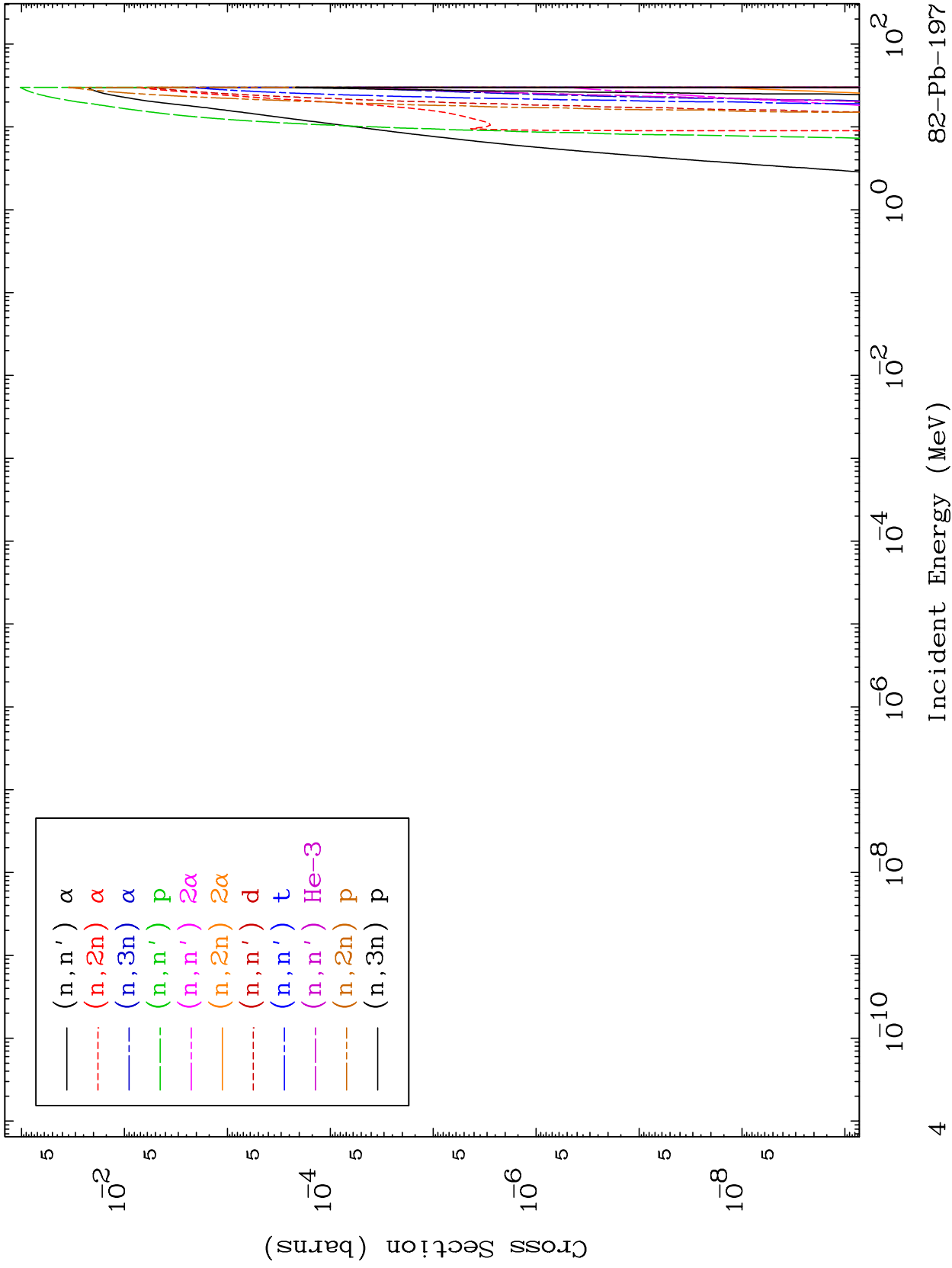
82-Pb-197



MAT 8205

Charged Particle  
293 Kelvin Cross Sections

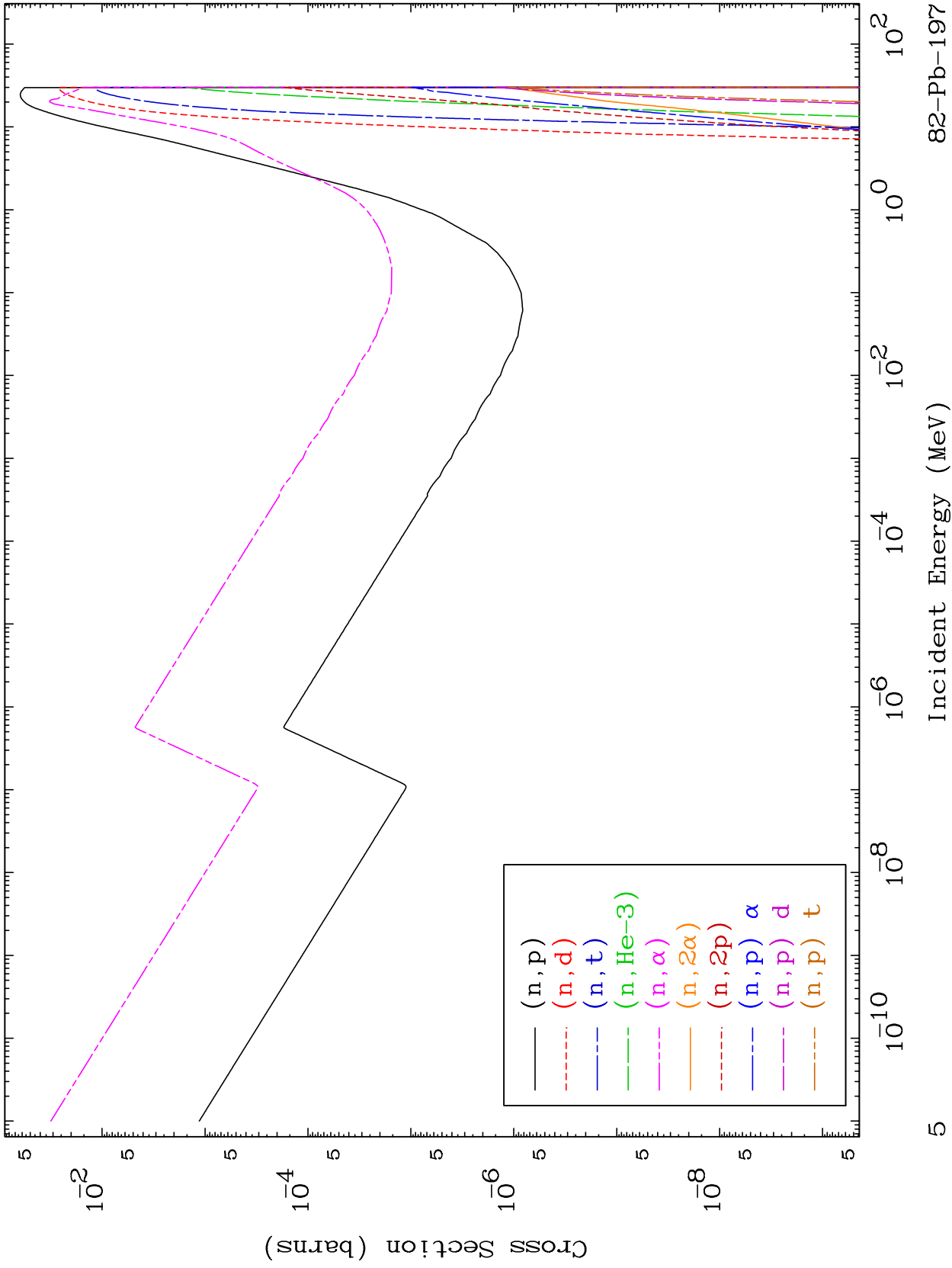
82-Pb-197

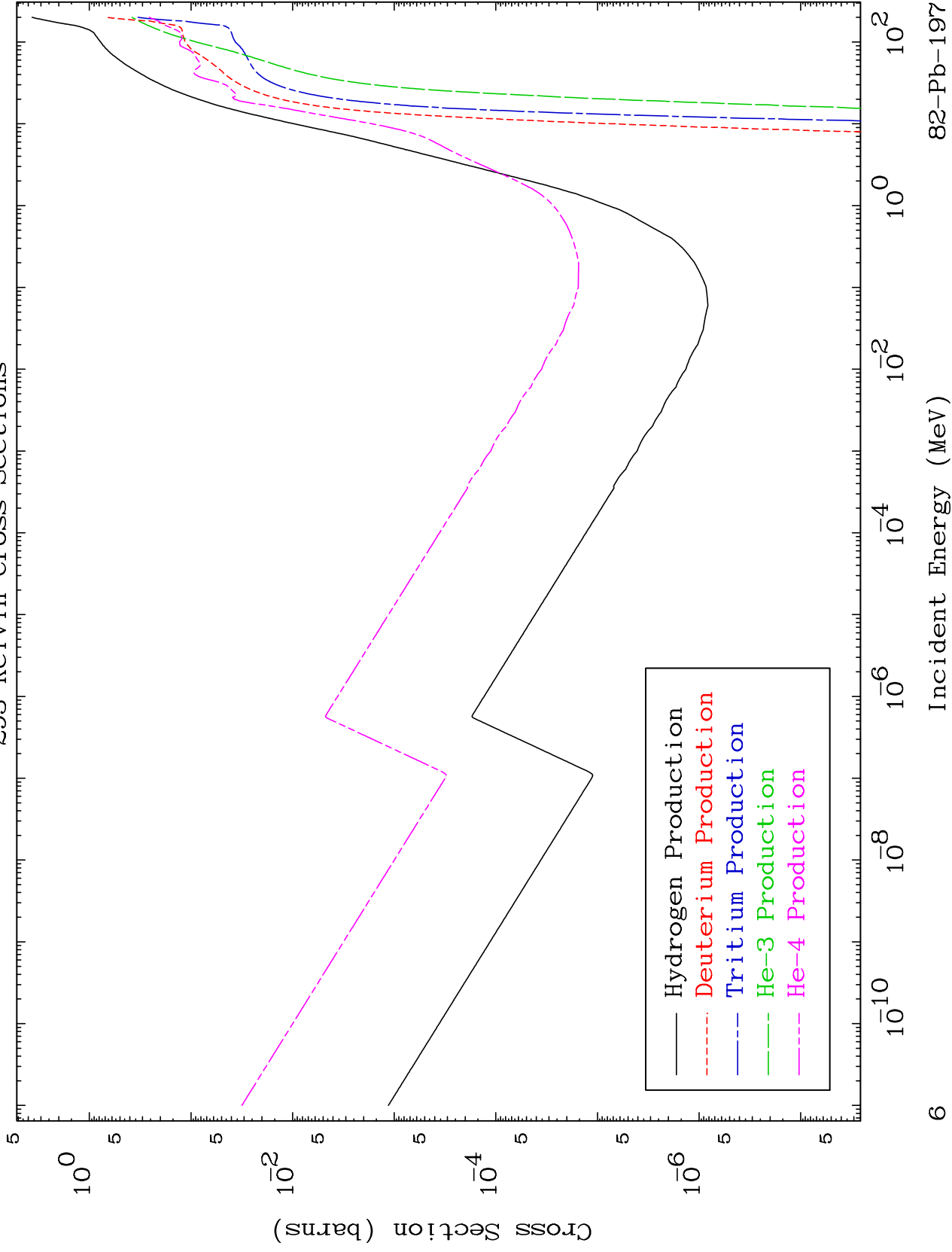


MAT 8205

Charged Particle  
293 Kelvin Cross Sections

82-Pb-197

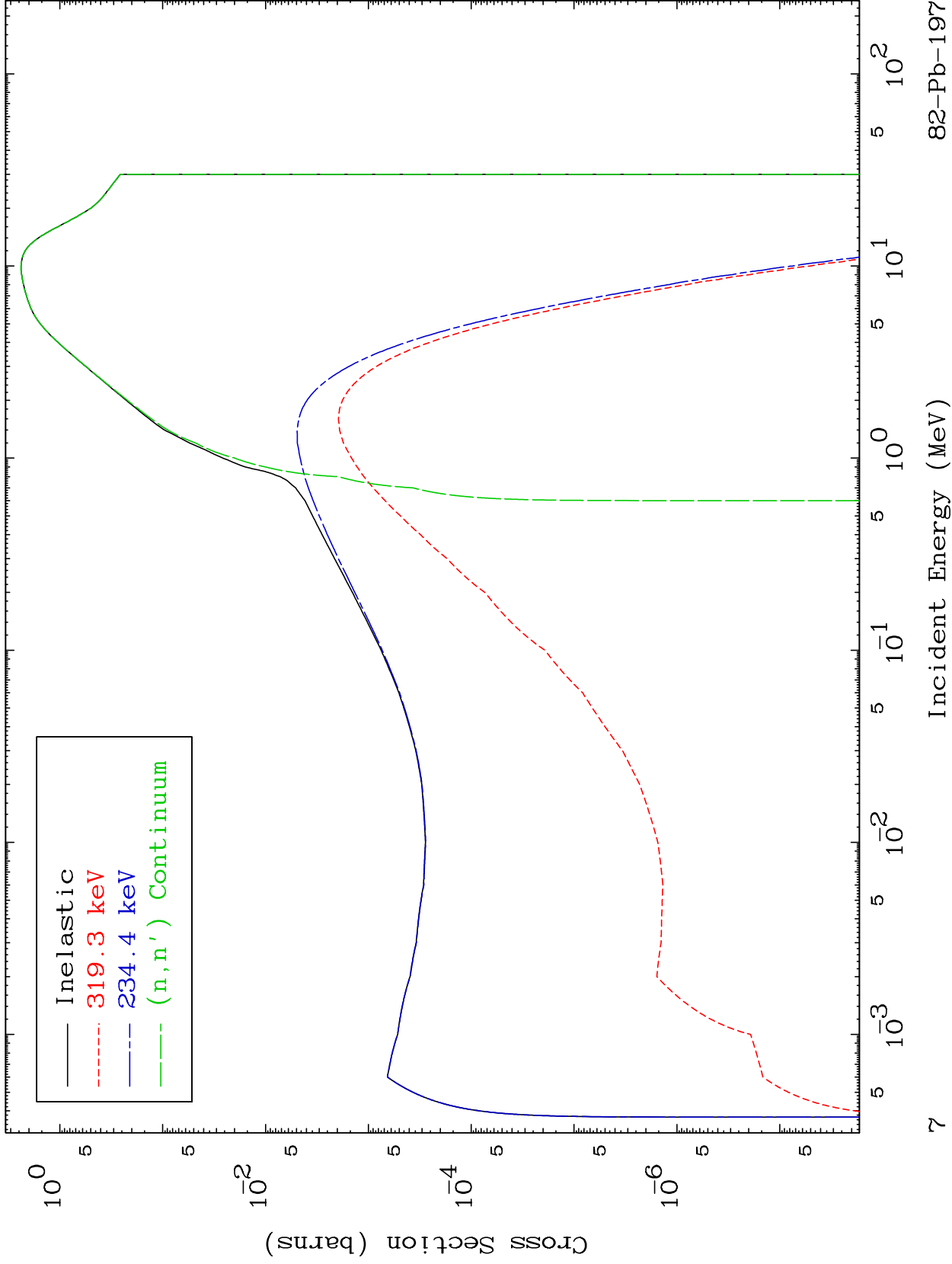




MAT 8205

293 Kelvin Cross Sections

82-Pb-197

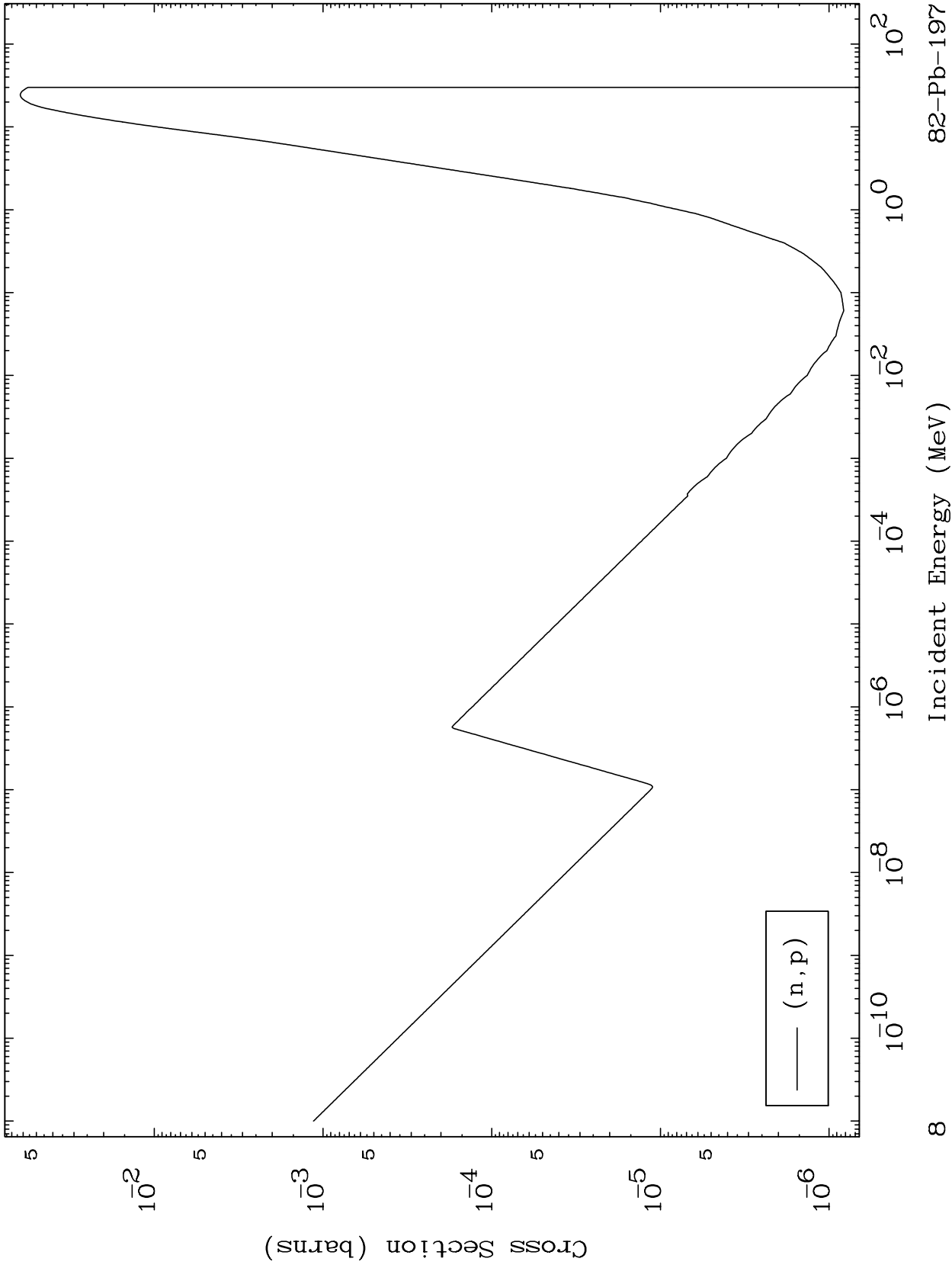




MAT 8205

(n,p) Levels  
293 Kelvin Cross Sections

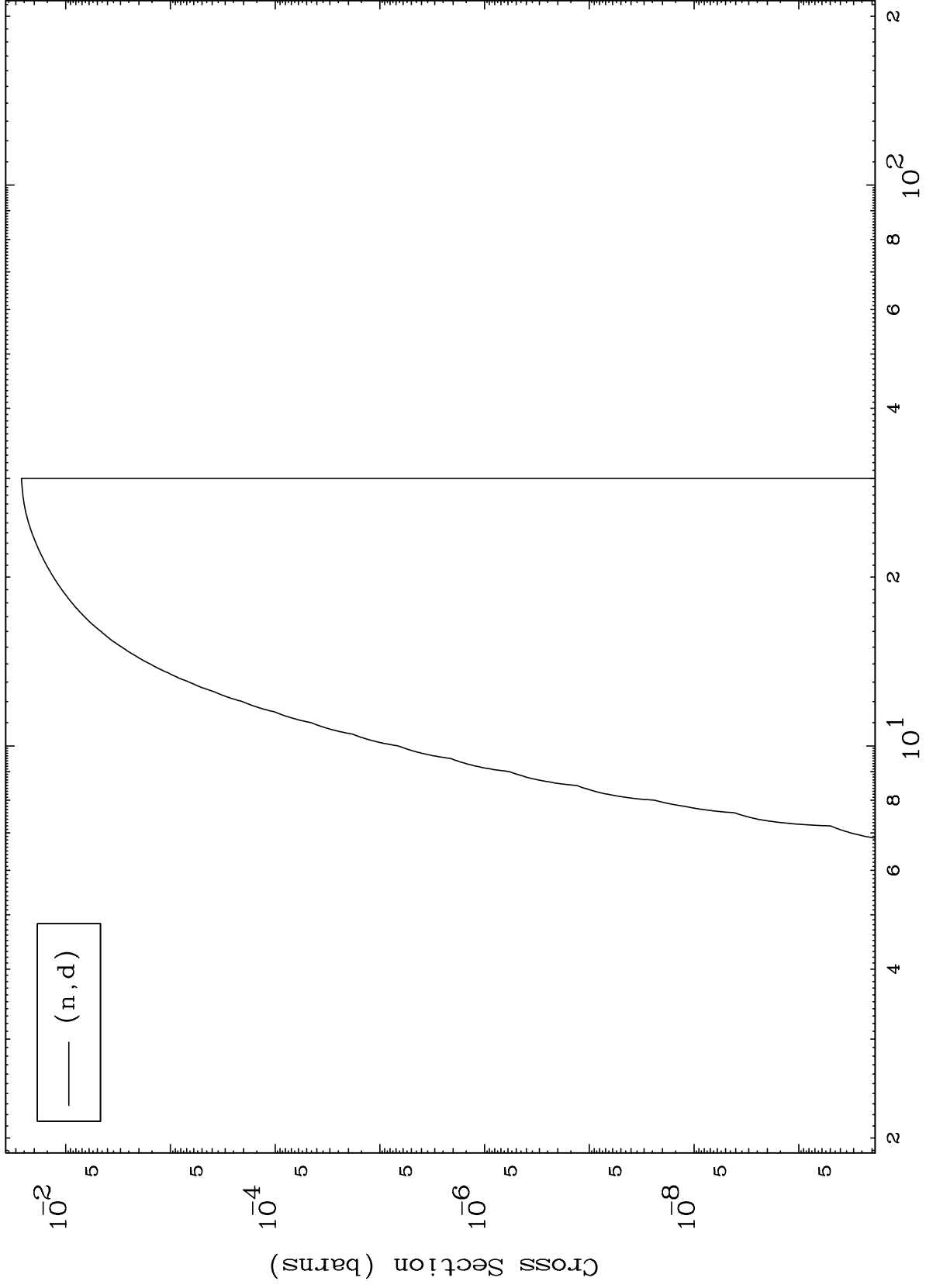
82-Pb-197



MAT 8205

(n,d) Levels  
293 Kelvin Cross Sections

82-Pb-197



9

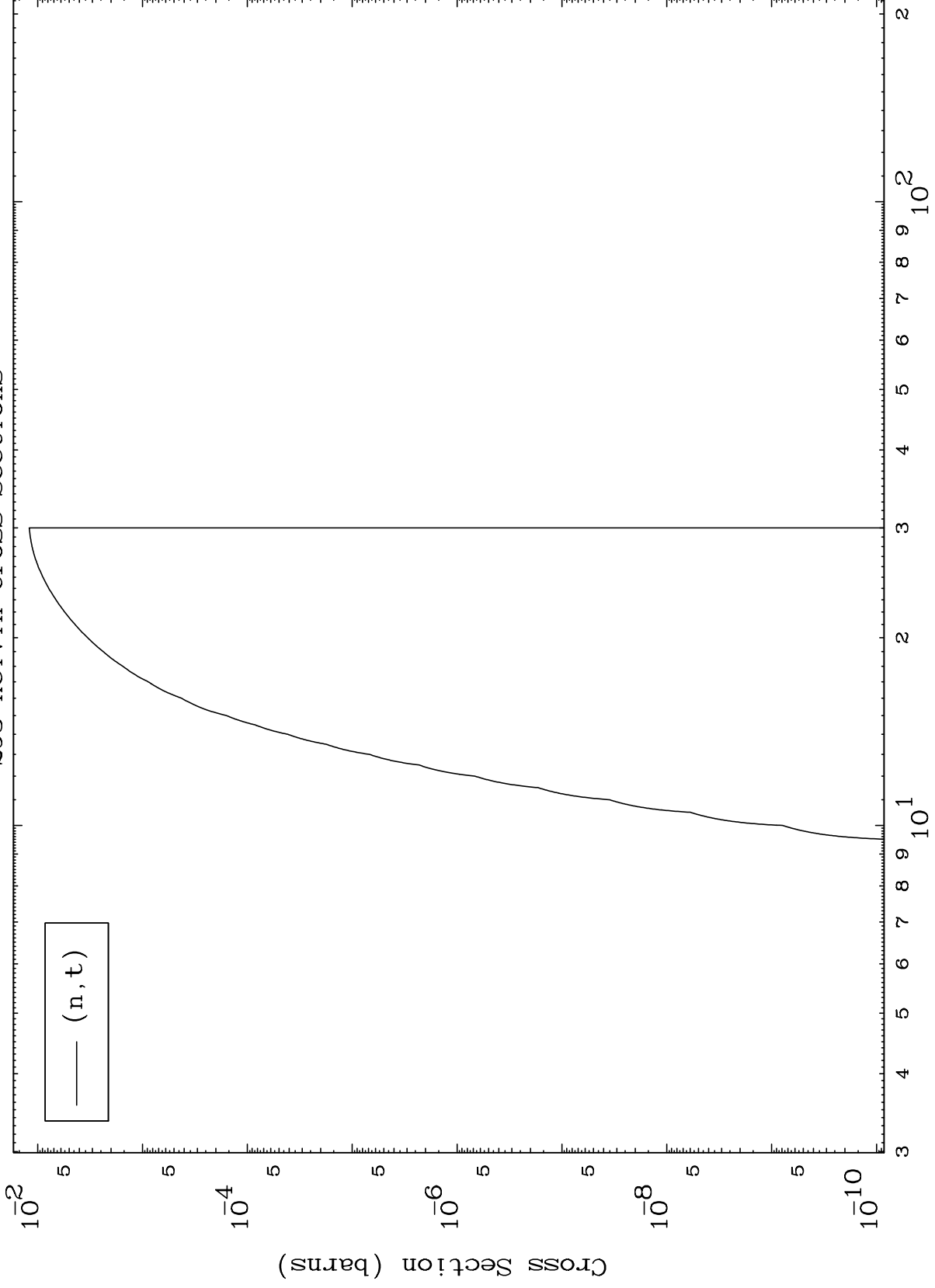
Incident Energy (MeV)

82-Pb-197

MAT 8205

(n,t) Levels  
293 Kelvin Cross Sections

82-Pb-197



10

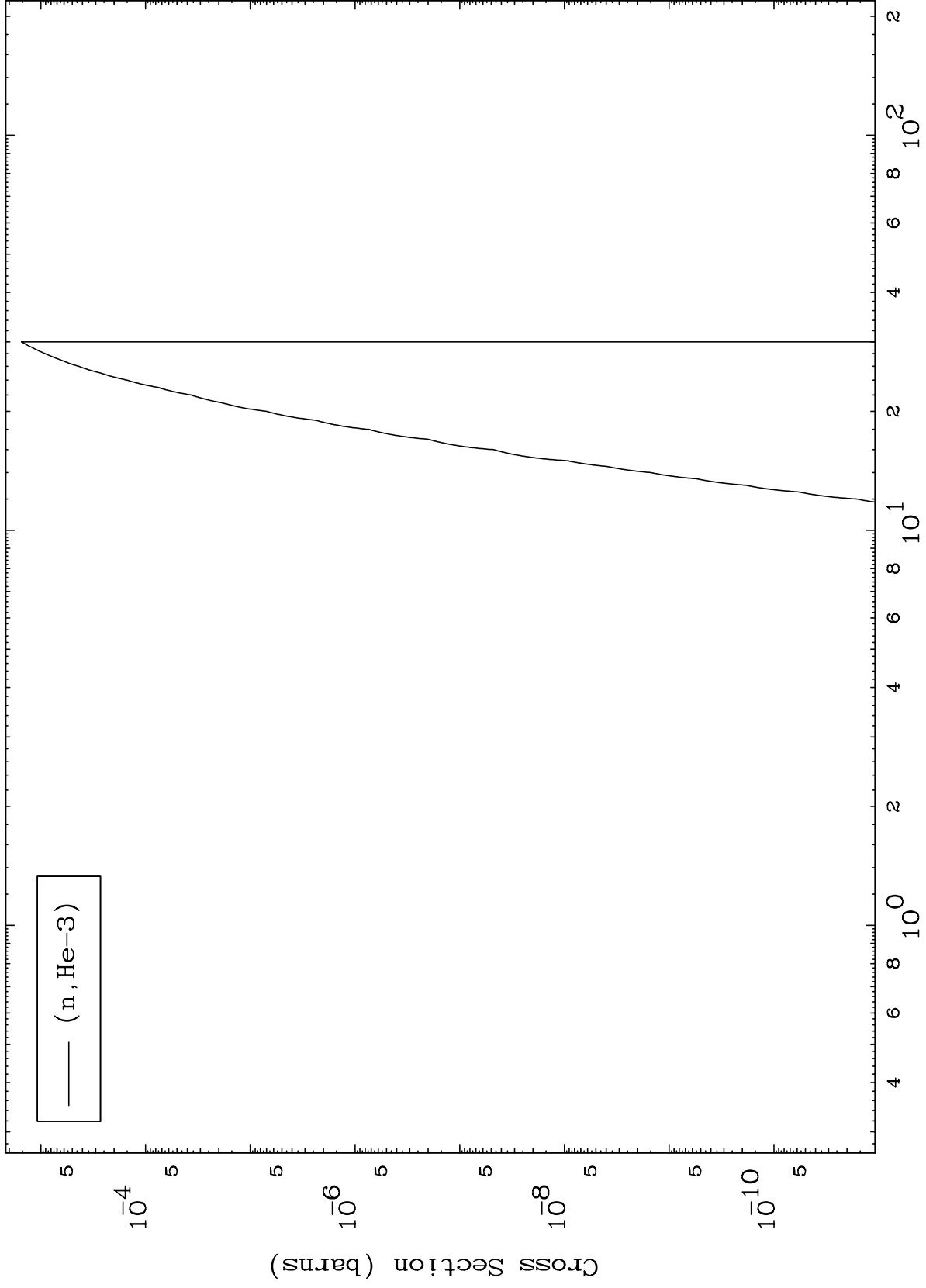
Incident Energy (MeV)

82-Pb-197

MAT 8205

(n,He3) Levels  
293 Kelvin Cross Sections

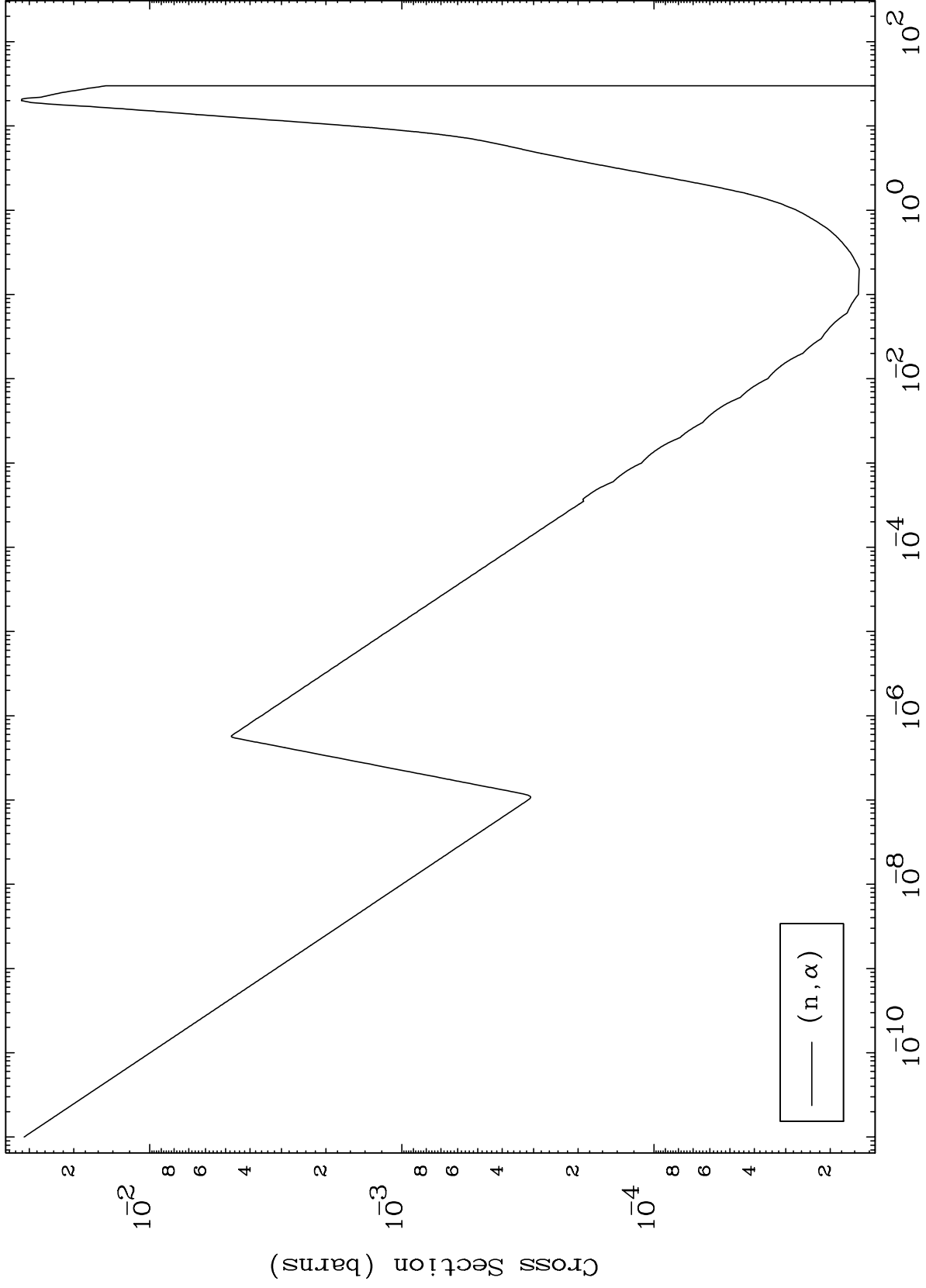
82-Pb-197

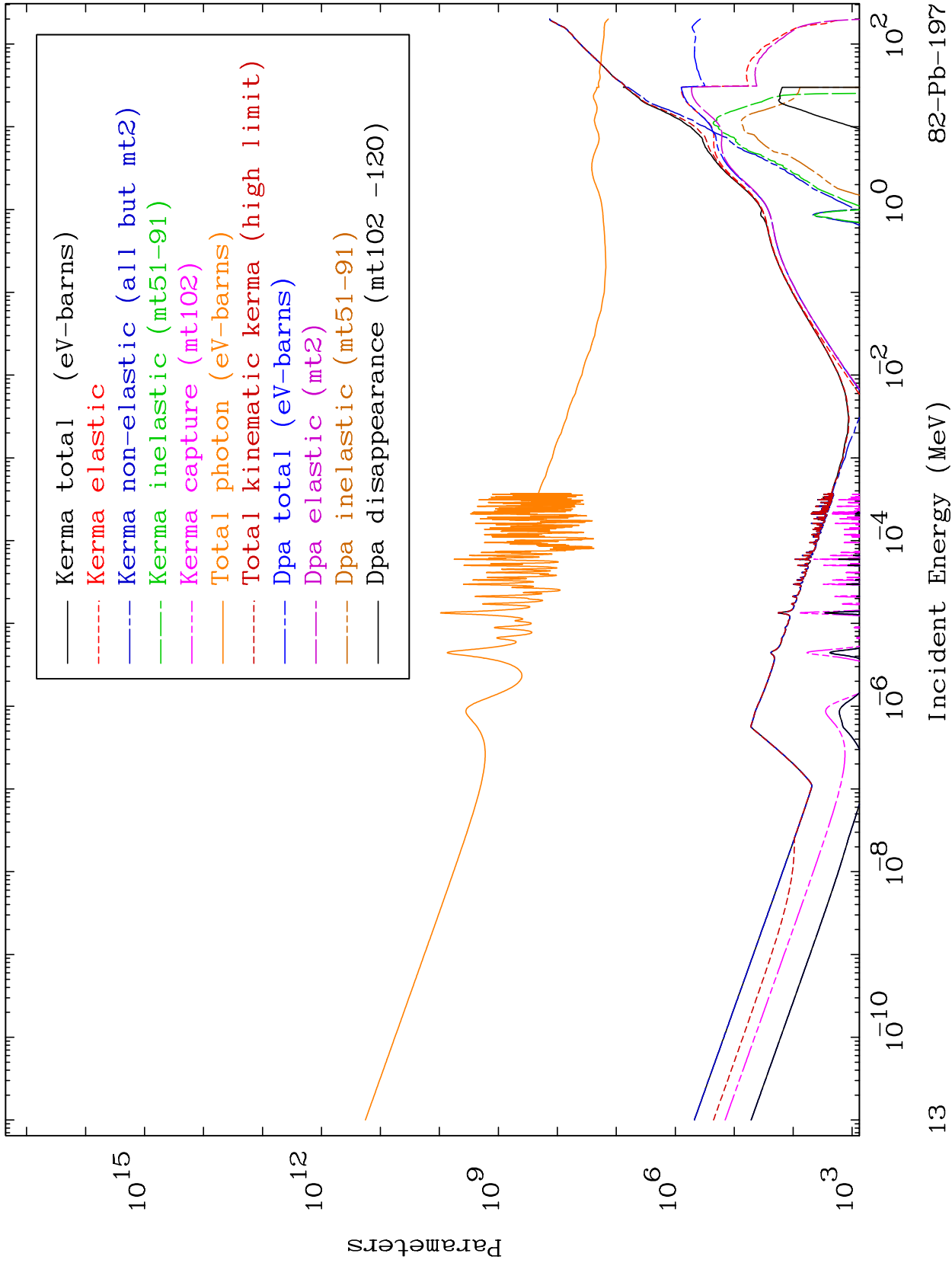


MAT 8205

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

82-Pb-197







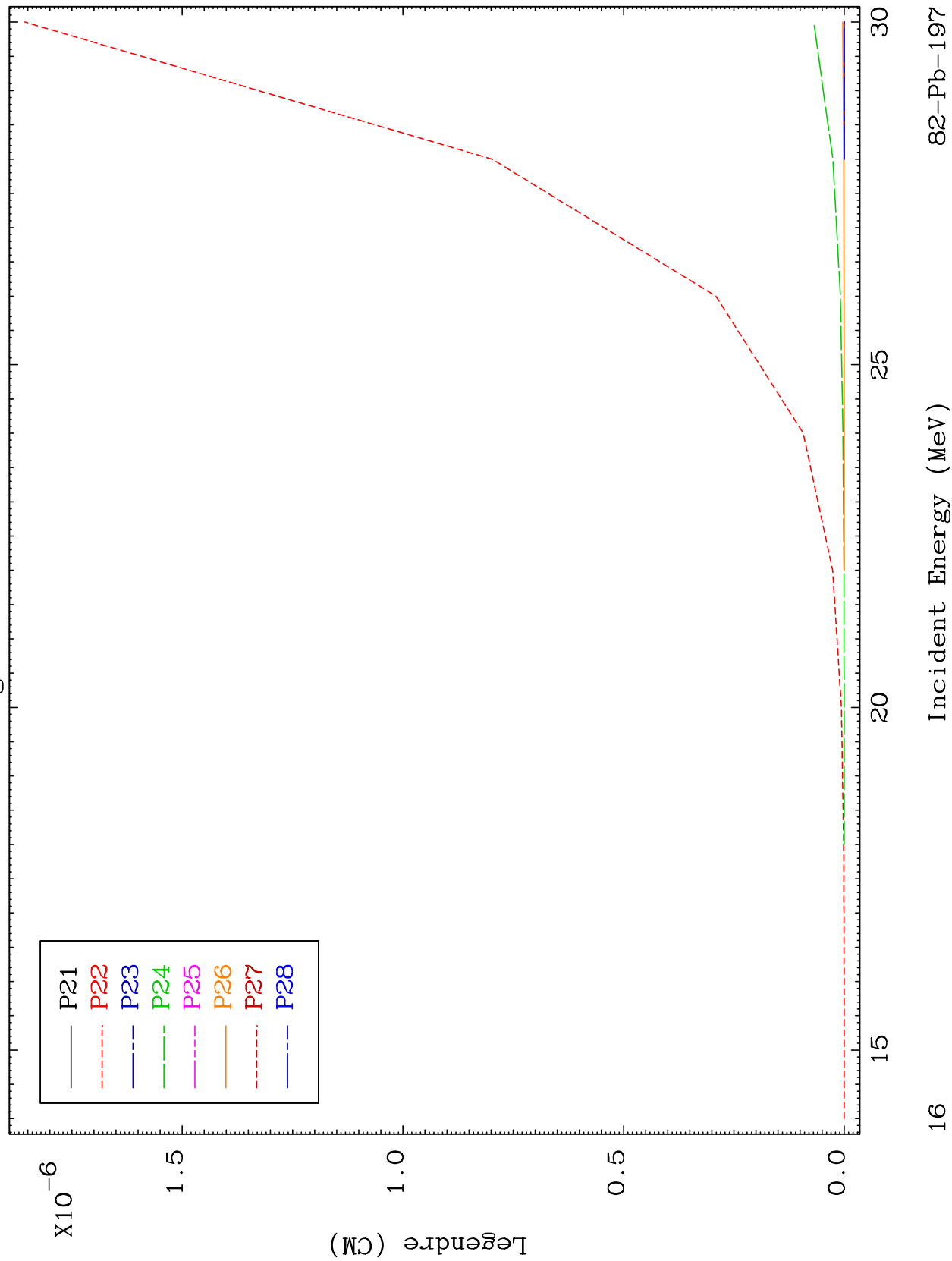




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### Elastic Legendre Coefficients

82-Pb-197



16

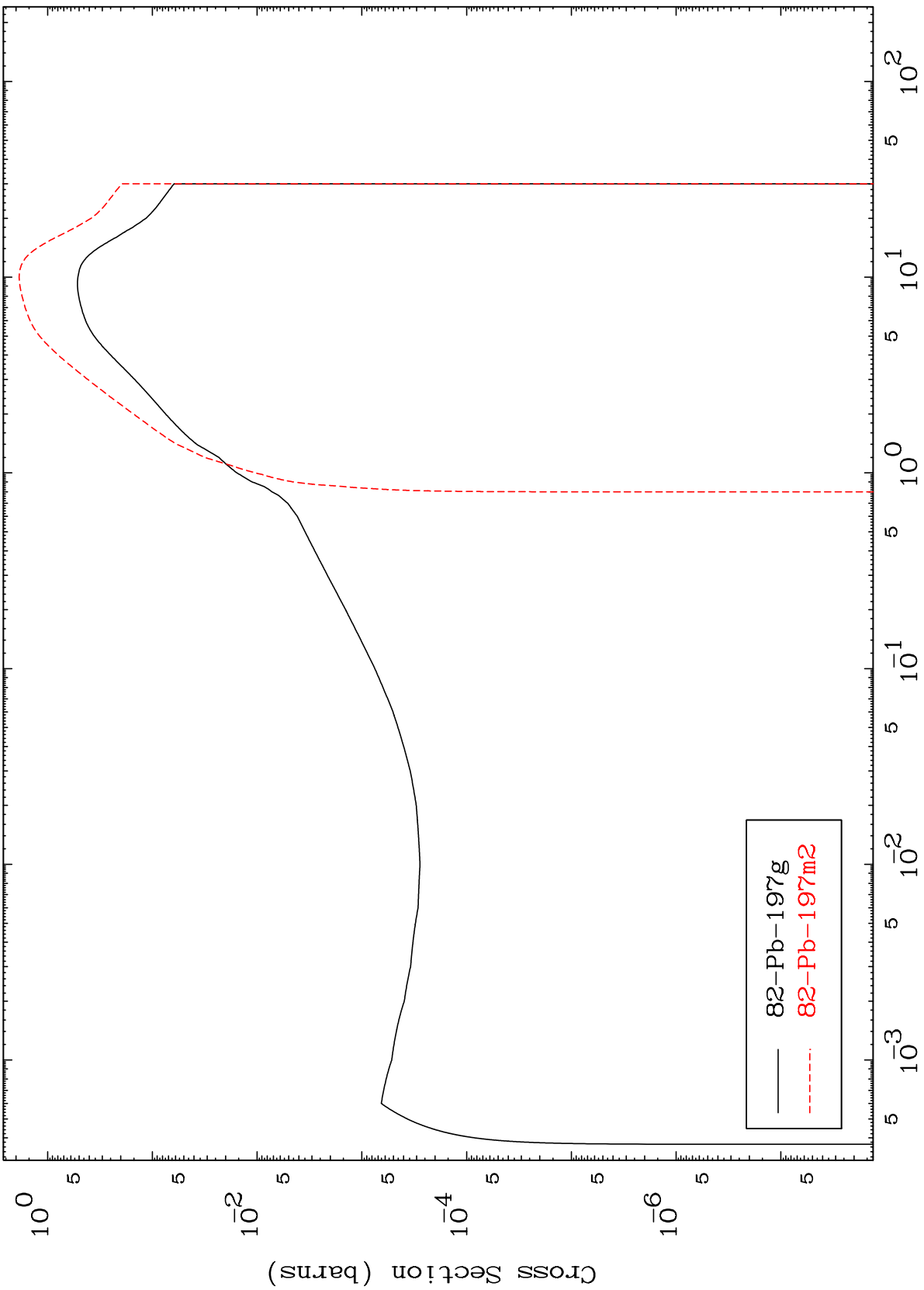
Incident Energy (MeV)

82-Pb-197

MAT 8205

82-Pb-197

Inelastic  
Radionuclide Production Cross Section



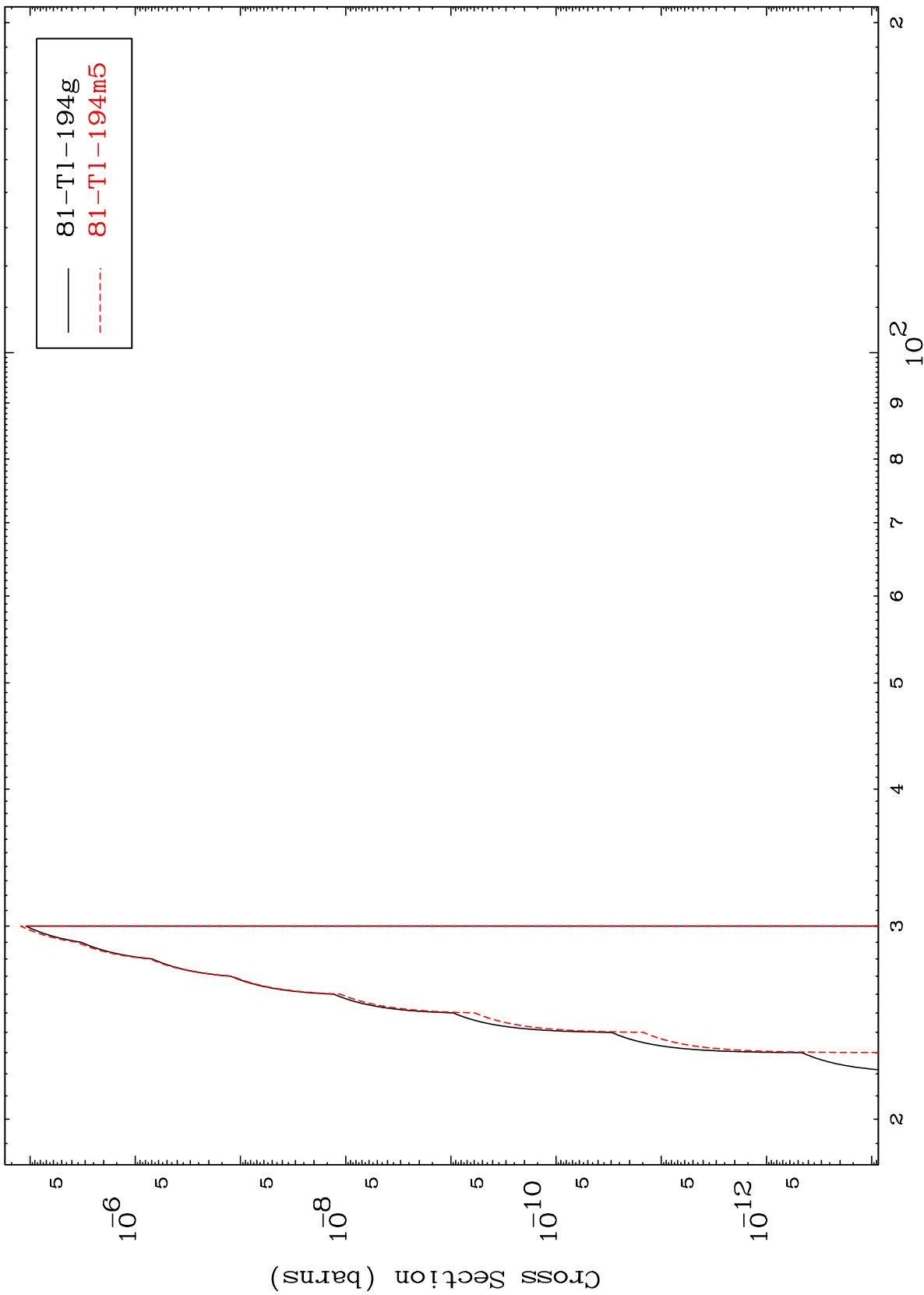
— 82-Pb-197g  
- - - 82-Pb-197m2

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(n,2n) d

82-Pb-197

Radionuclide Production Cross Section



18

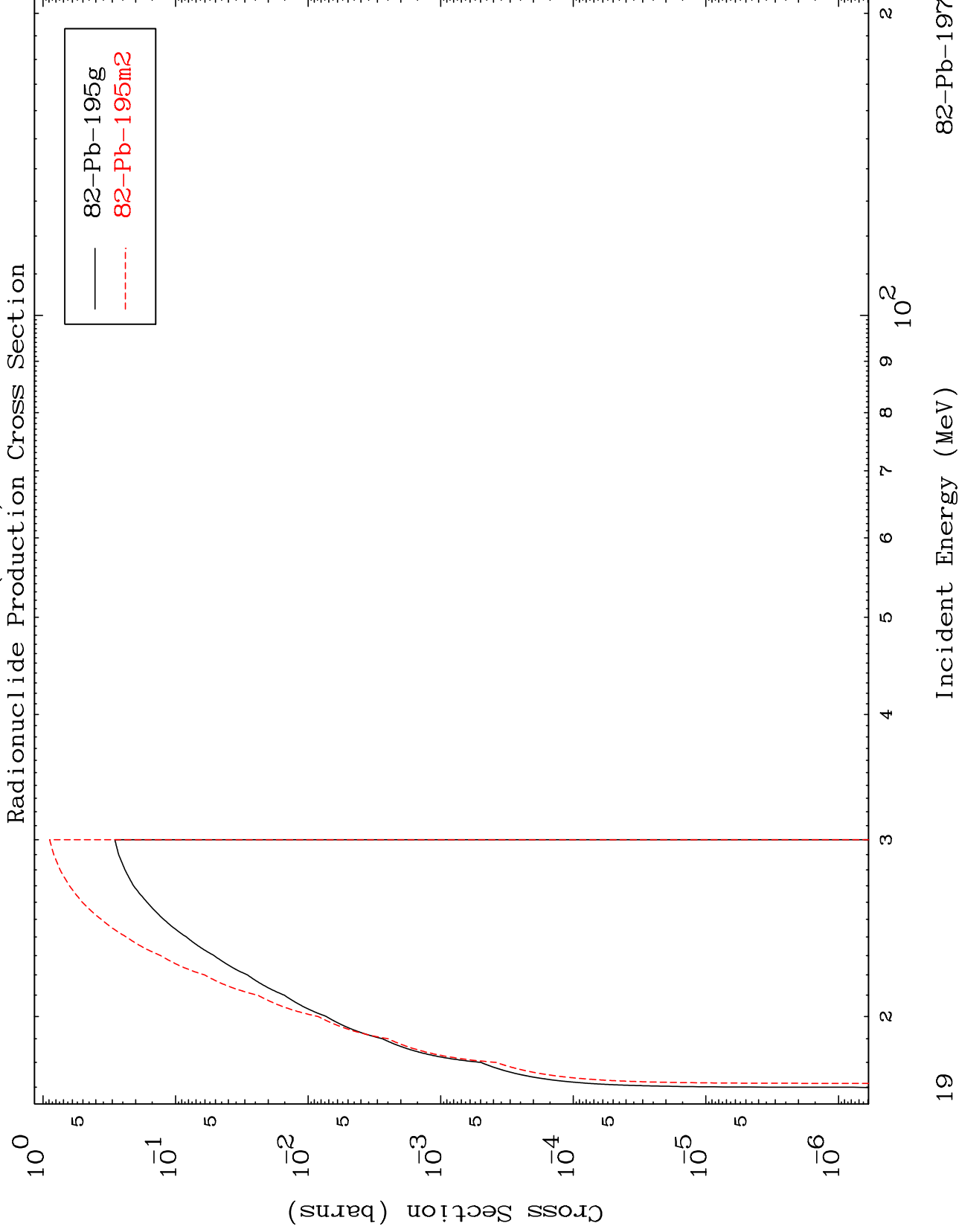
Incident Energy (MeV)

82-Pb-197

MAT 8205

(n,3n)

82-Pb-197



19

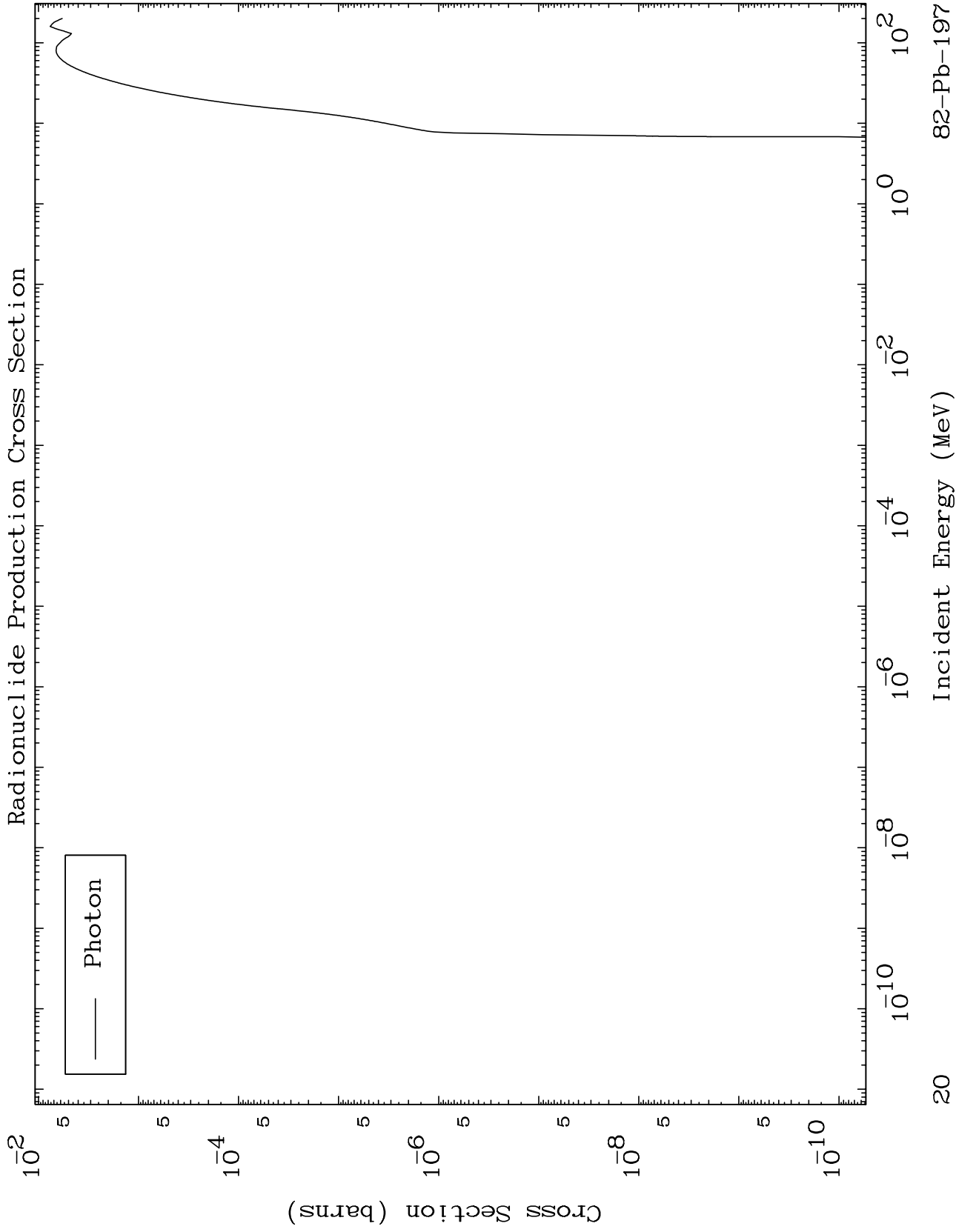
82-Pb-197

MAT 8205

Fission

82-Pb-197

Radionuclide Production Cross Section



20

Incident Energy (MeV)

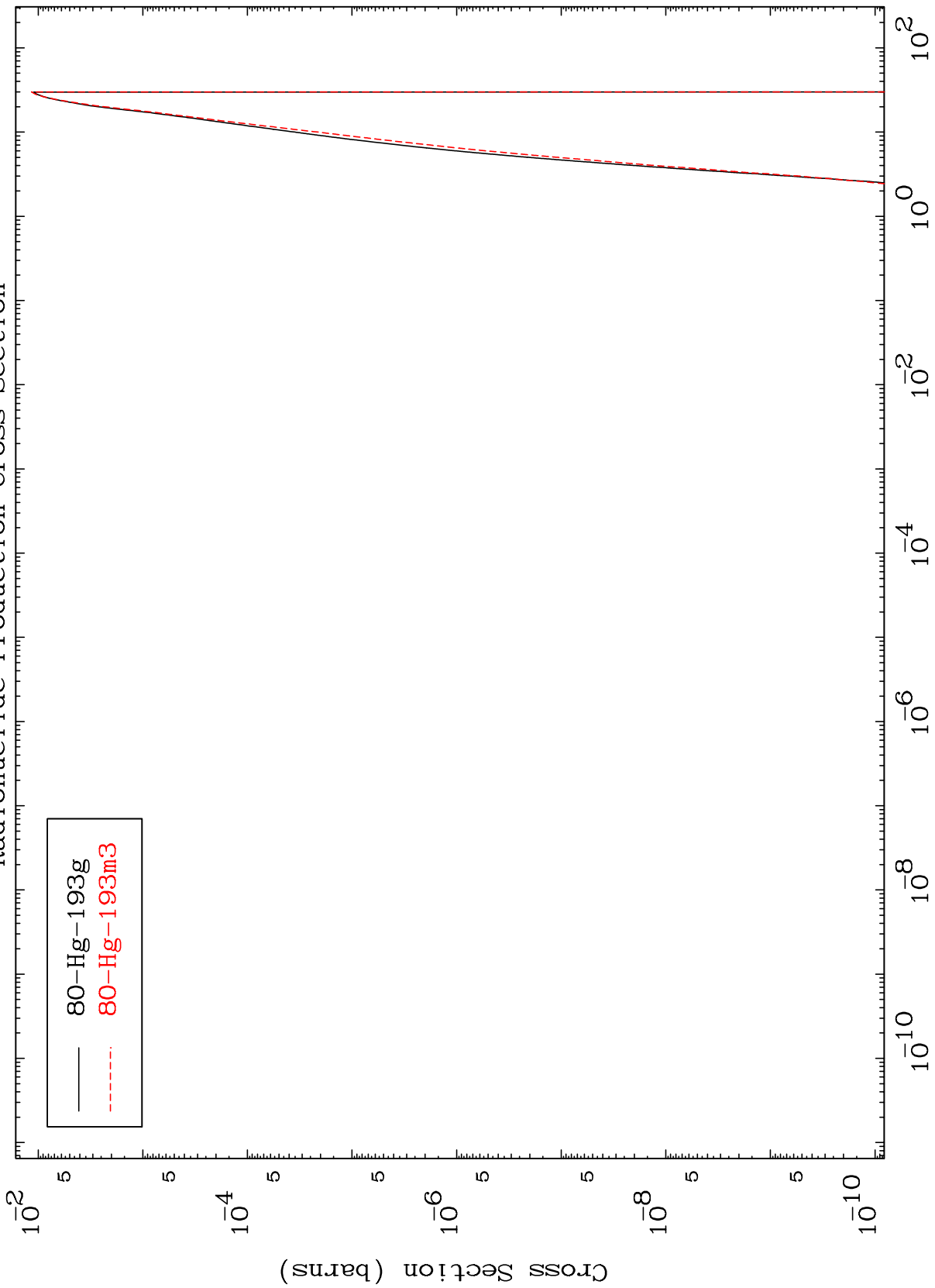
82-Pb-197

MAT 8205

$(n, n') \alpha$

82-Pb-197

Radionuclide Production Cross Section

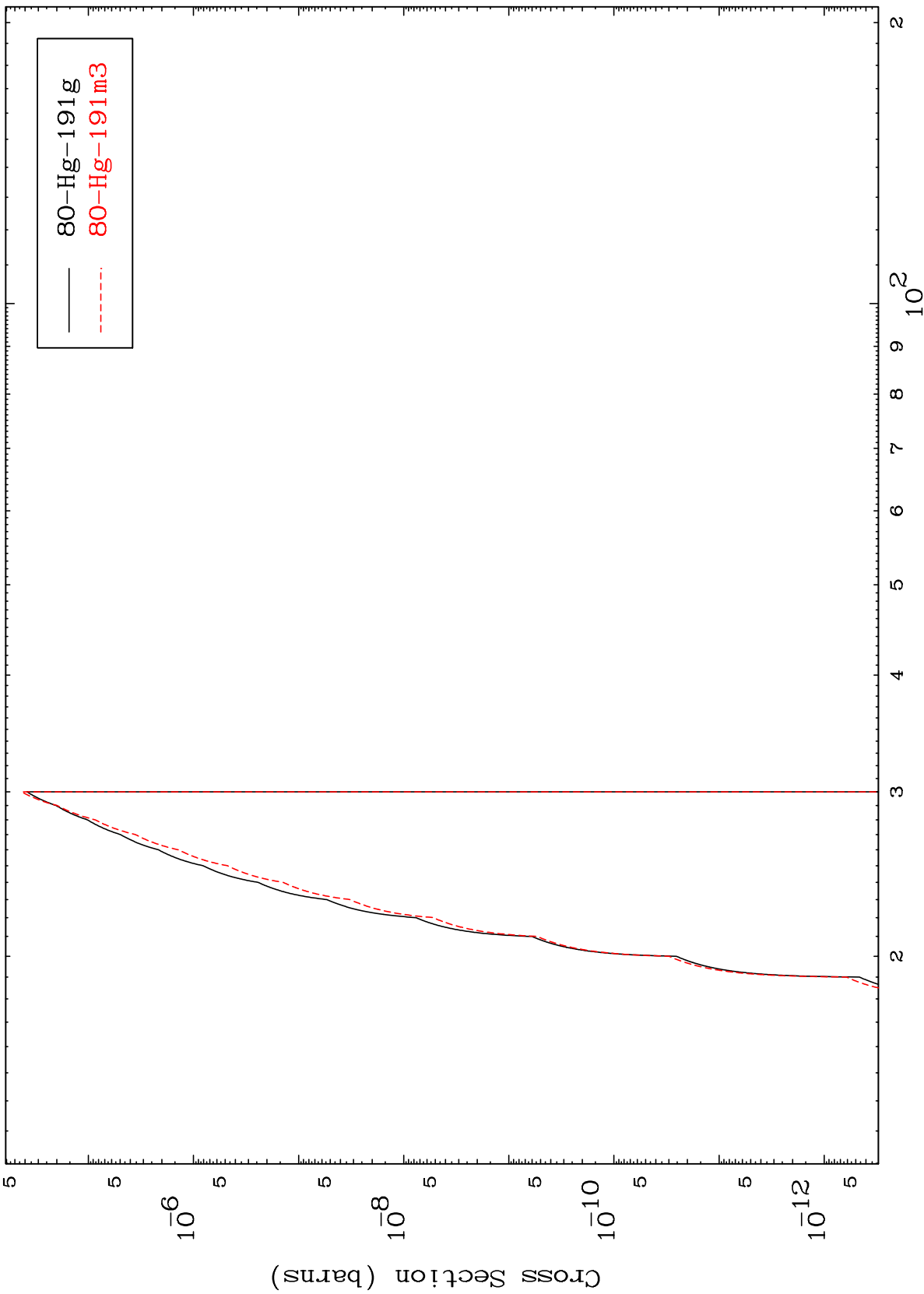


MAT 8205

(n,3n)  $\alpha$

82-Pb-197

Radionuclide Production Cross Section



22

Incident Energy (MeV)

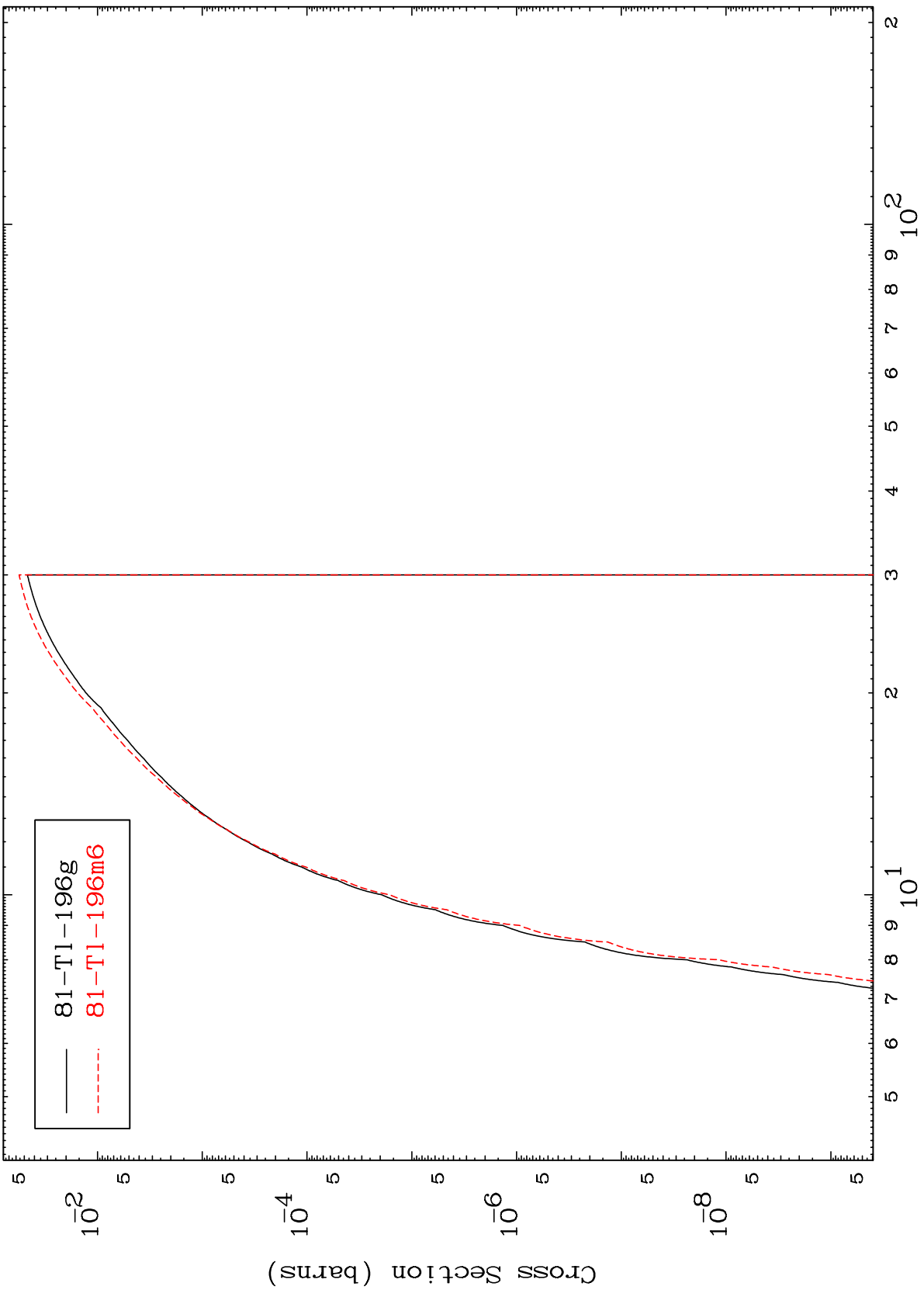
82-Pb-197

MAT 8205

(n,n') p

82-Pb-197

Radionuclide Production Cross Section



23

Incident Energy (MeV)

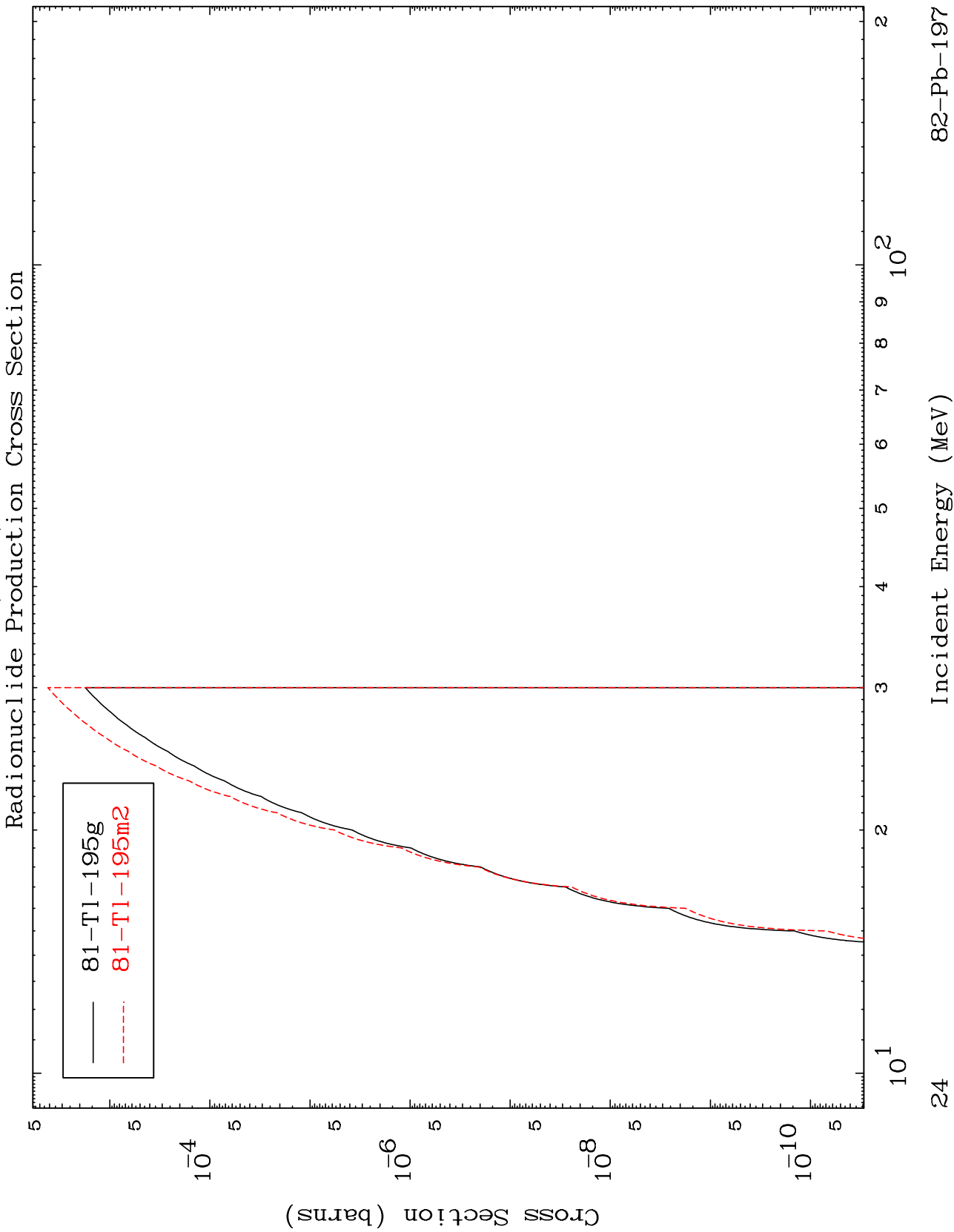
82-Pb-197



MAT 8205

(n,n') d

82-Pb-197

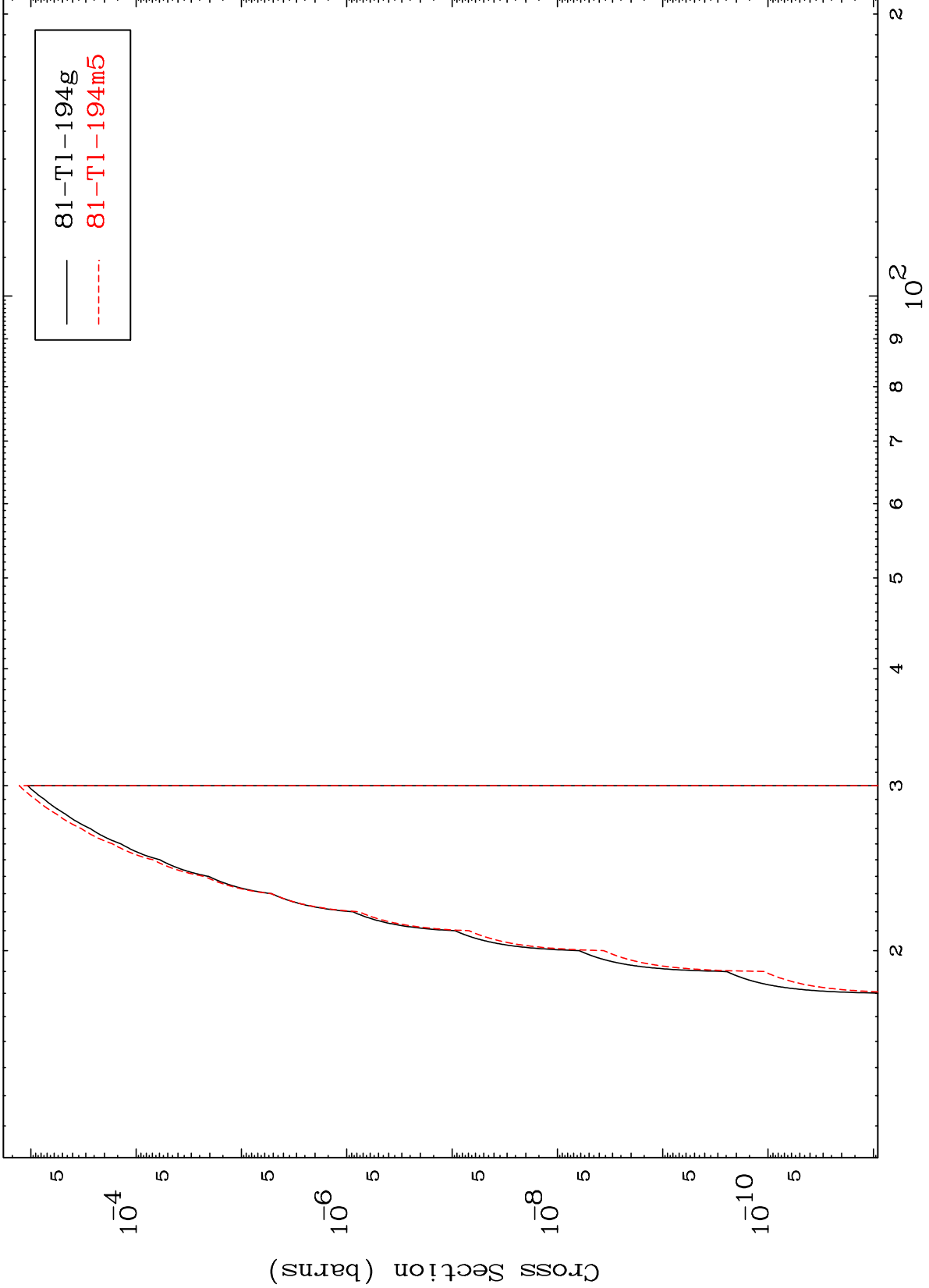


82-Pb-197

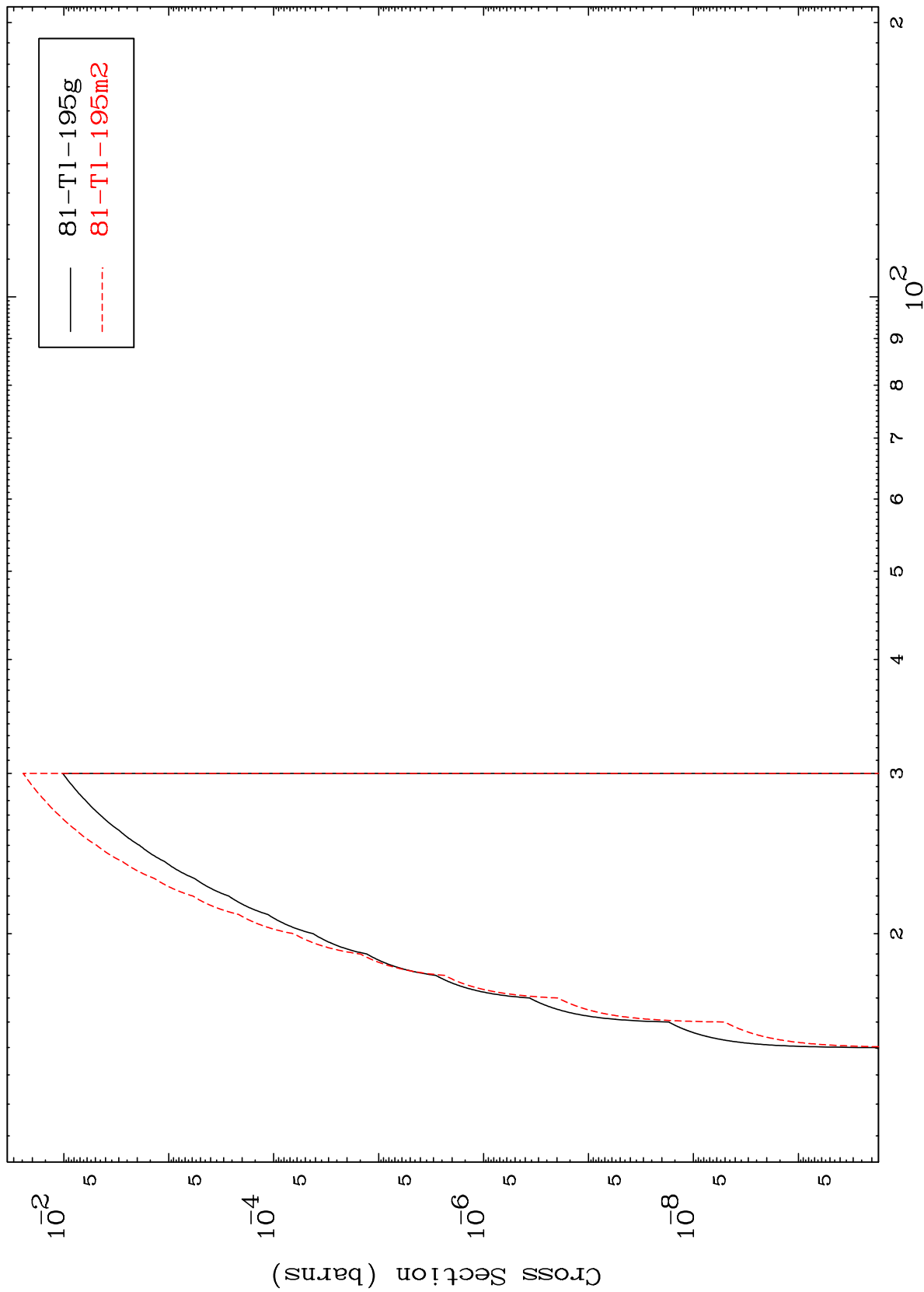
Incident Energy (MeV)

24

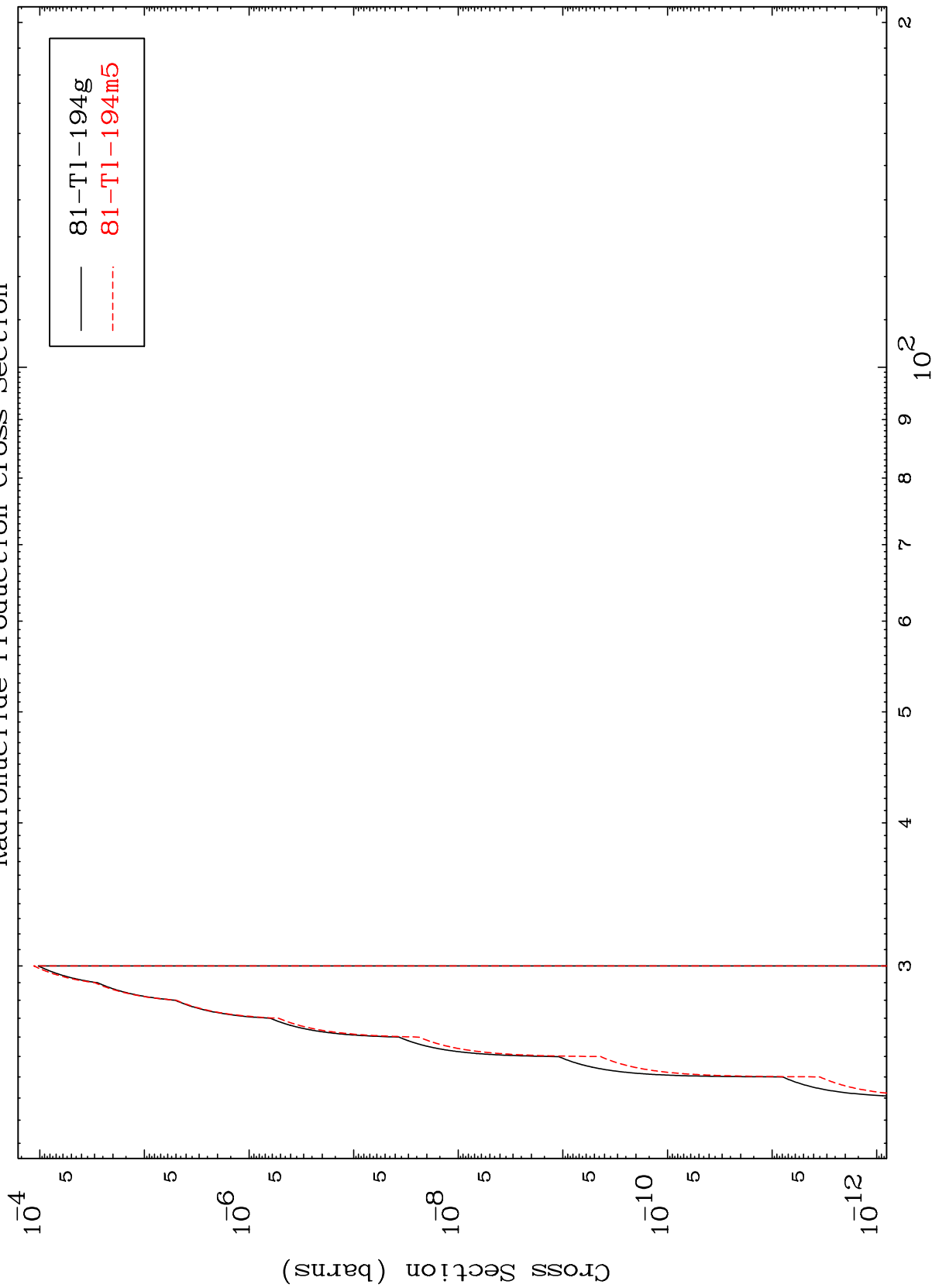
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section



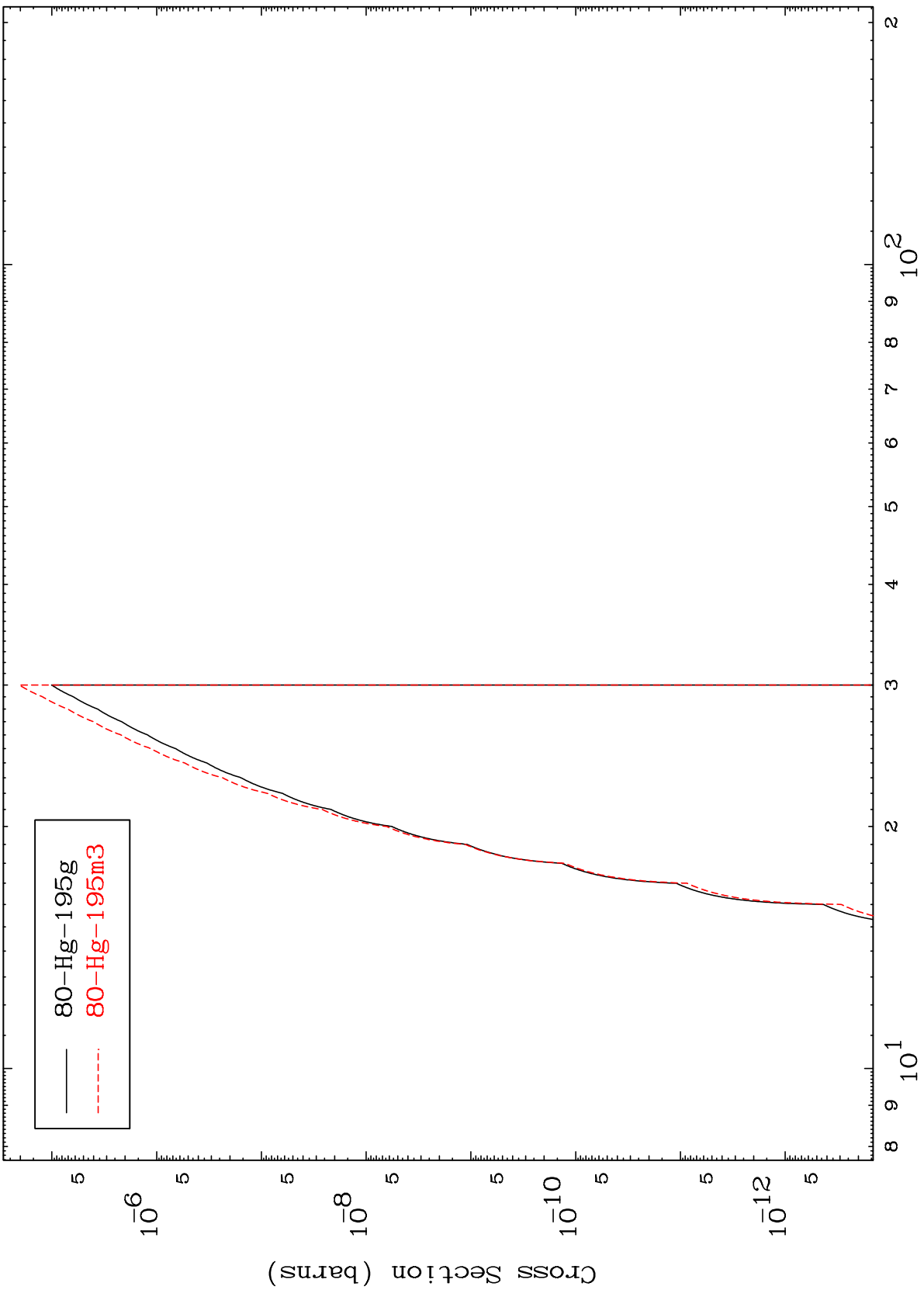
81-Tl-194g  
81-Tl-194m5

MAT 8205

(n,2n) p

82-Pb-197

Radionuclide Production Cross Section



80-Hg-195g  
80-Hg-195m3

28

Incident Energy (MeV)

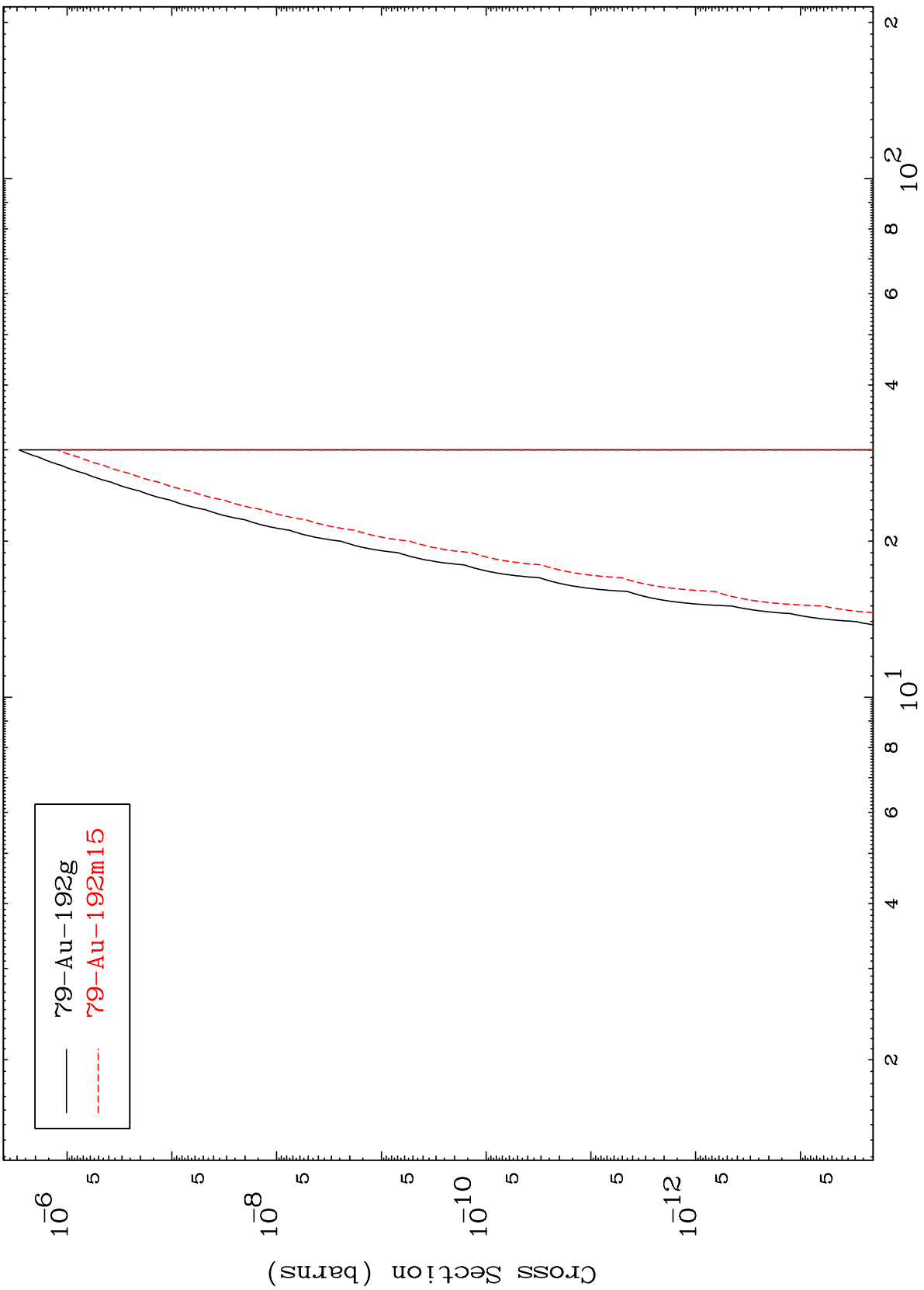
82-Pb-197

MAT 8205

(n,n') p  $\alpha$

82-Pb-197

Radionuclide Production Cross Section



29

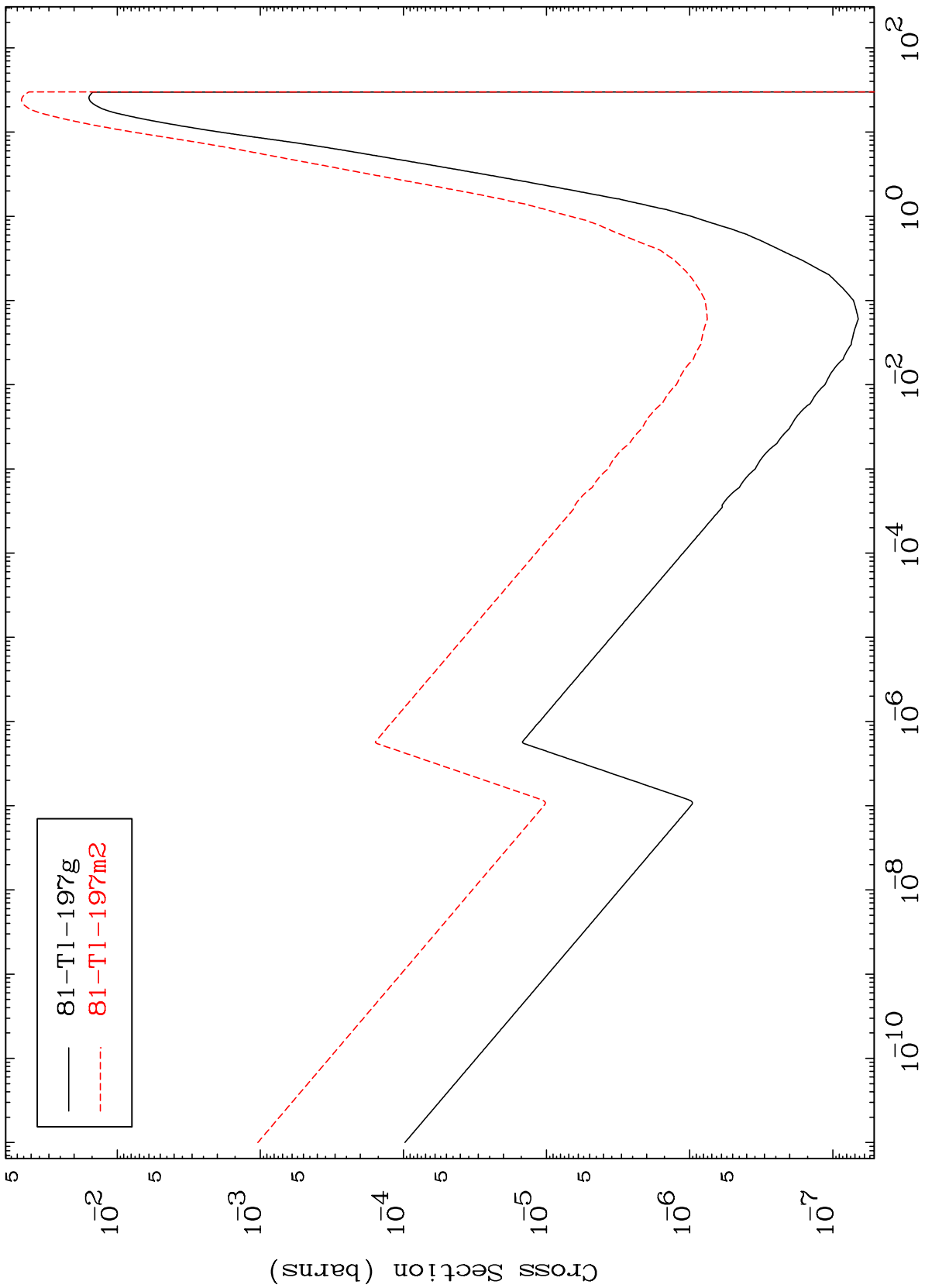
Incident Energy (MeV)

82-Pb-197

MAT 8205

82-Pb-197

(n,p)  
Radionuclide Production Cross Section



— 81-Tl-197g  
- - - 81-Tl-197m2

82-Pb-197

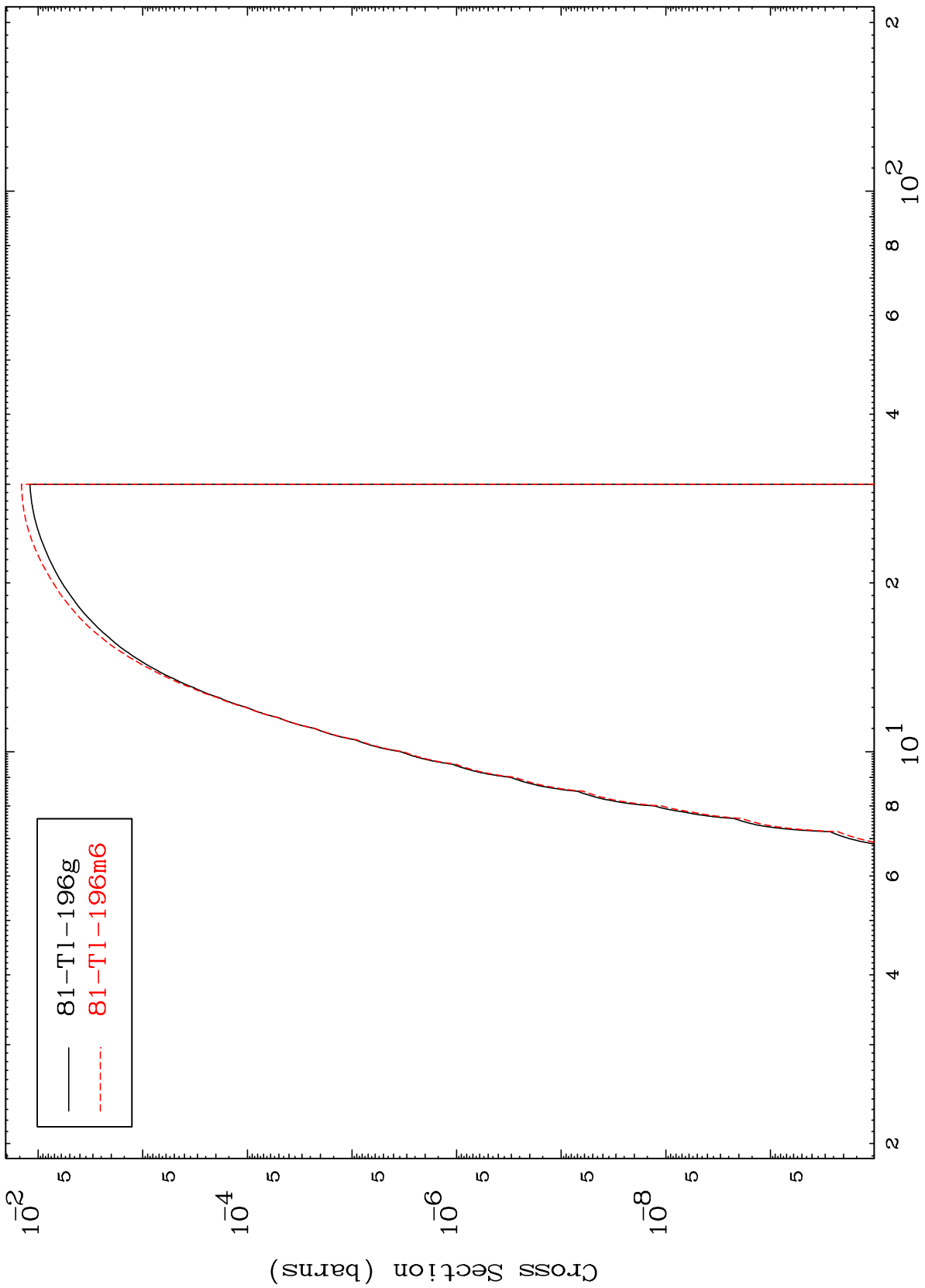
Incident Energy (MeV)

30

MAT 8205

82-Pb-197

(n,d)  
Radionuclide Production Cross Section

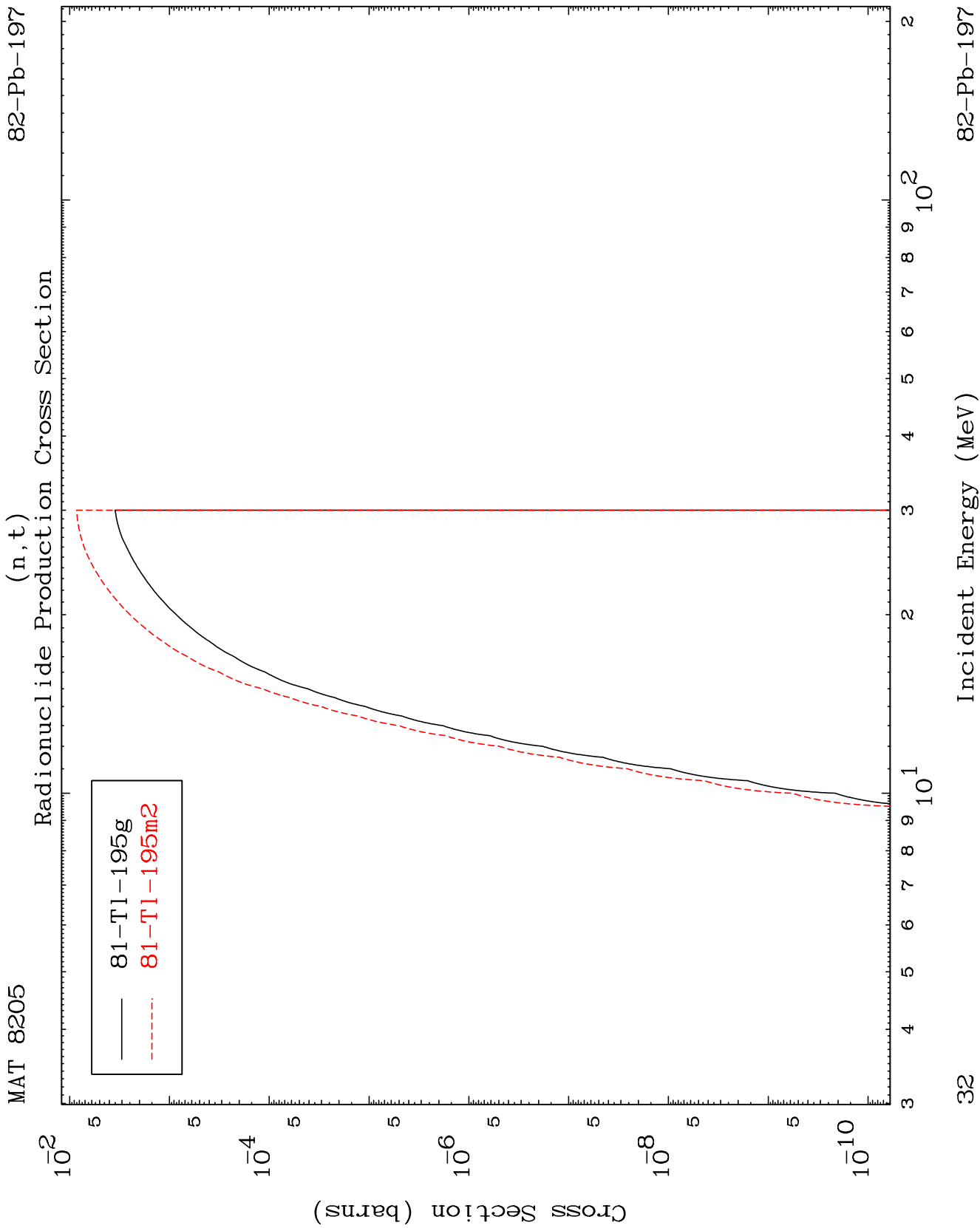


31

82-Pb-197

82-Pb-197



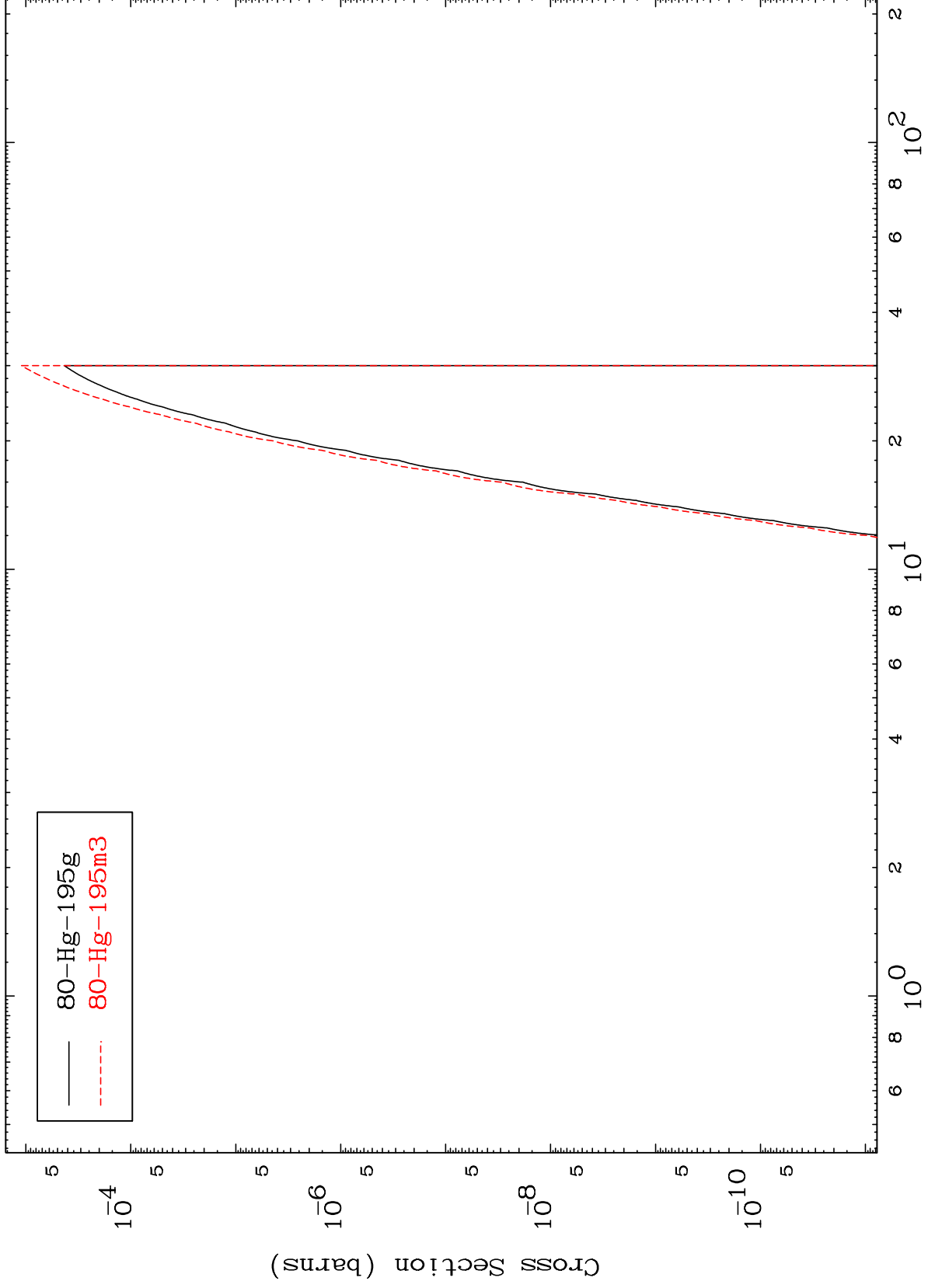


MAT 8205

(n,He-3)

82-Pb-197

Radionuclide Production Cross Section

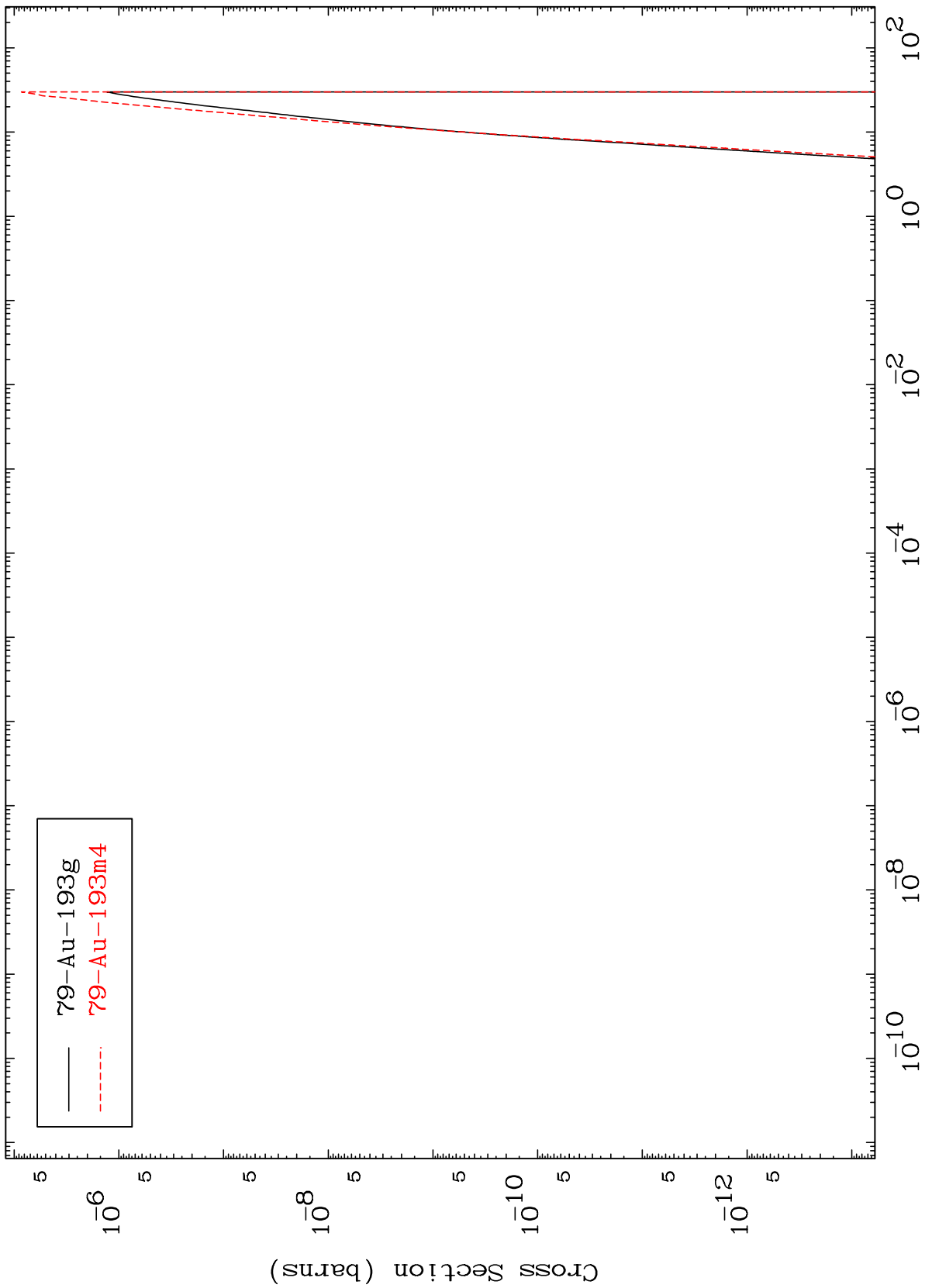


MAT 8205

(n,p)  $\alpha$

82-Pb-197

Radionuclide Production Cross Section

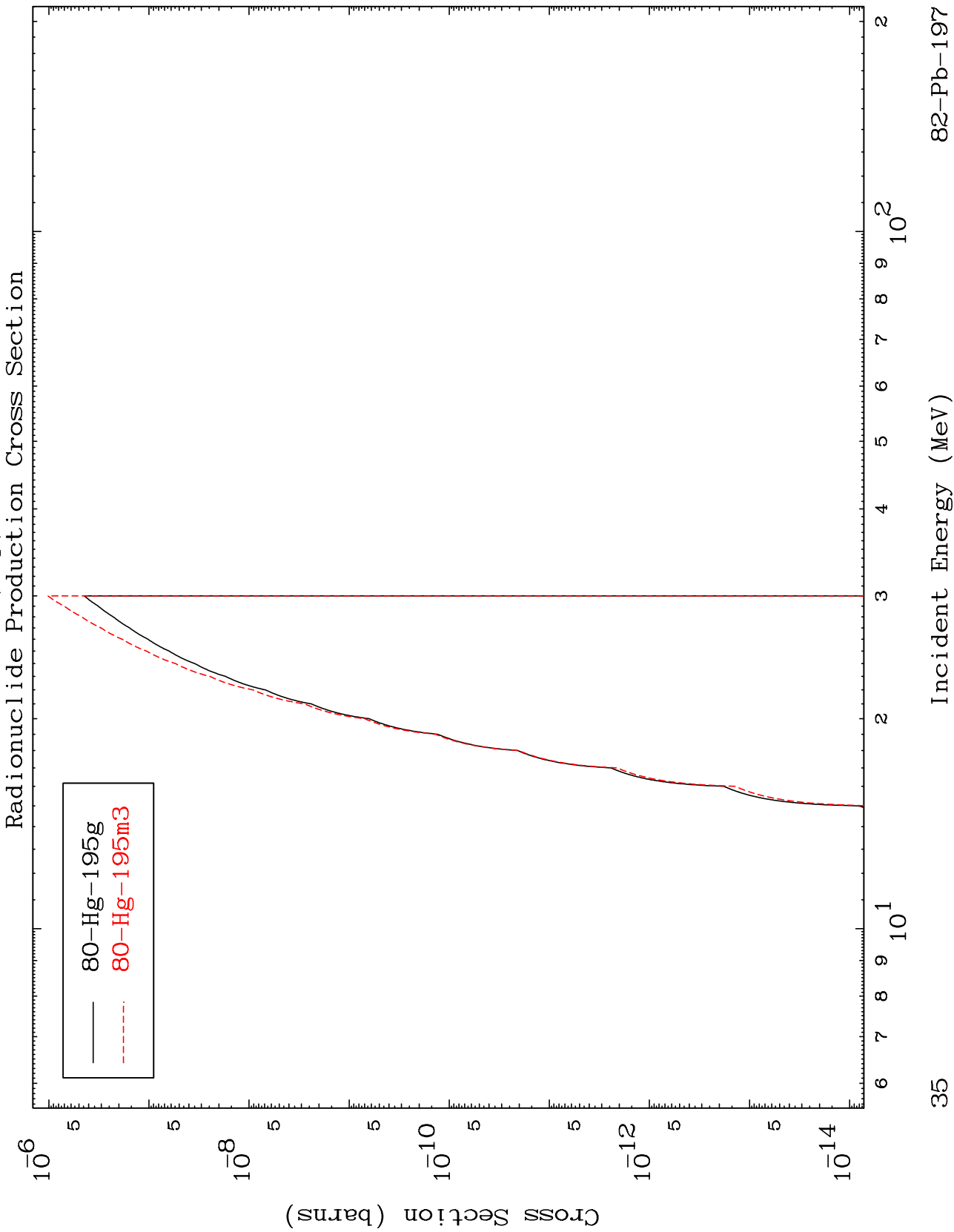


— 79-Au-193g  
- - - 79-Au-193m4

MAT 8205

(n,p) d

82-Pb-197



35

Incident Energy (MeV)

82-Pb-197

MAT 8205

(n,d)  $\alpha$

82-Pb-197

Radionuclide Production Cross Section

