

Program EVALPLOT  
(Version 2017-1)

by

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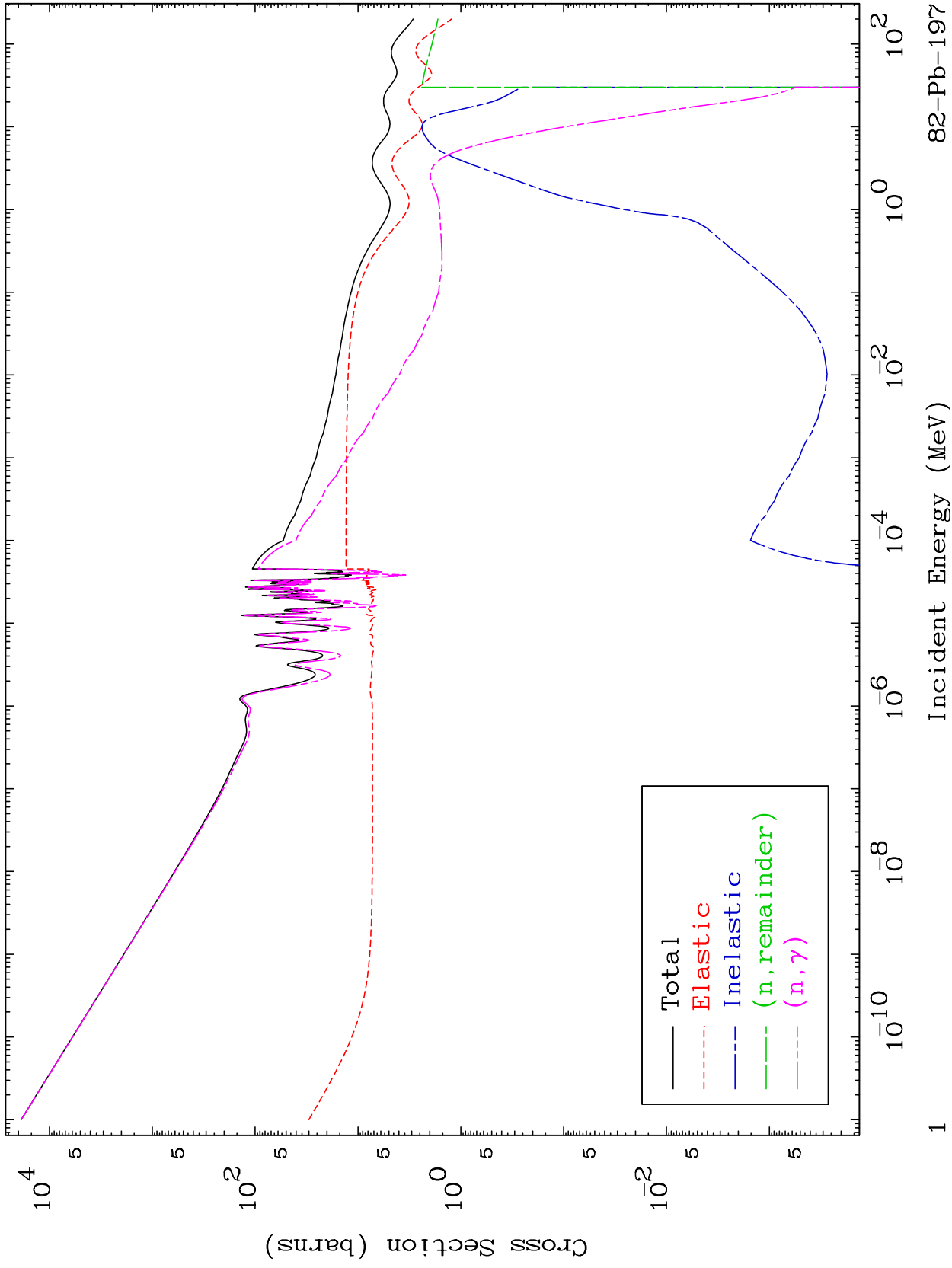
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8205

Major  
293 Kelvin Cross Sections

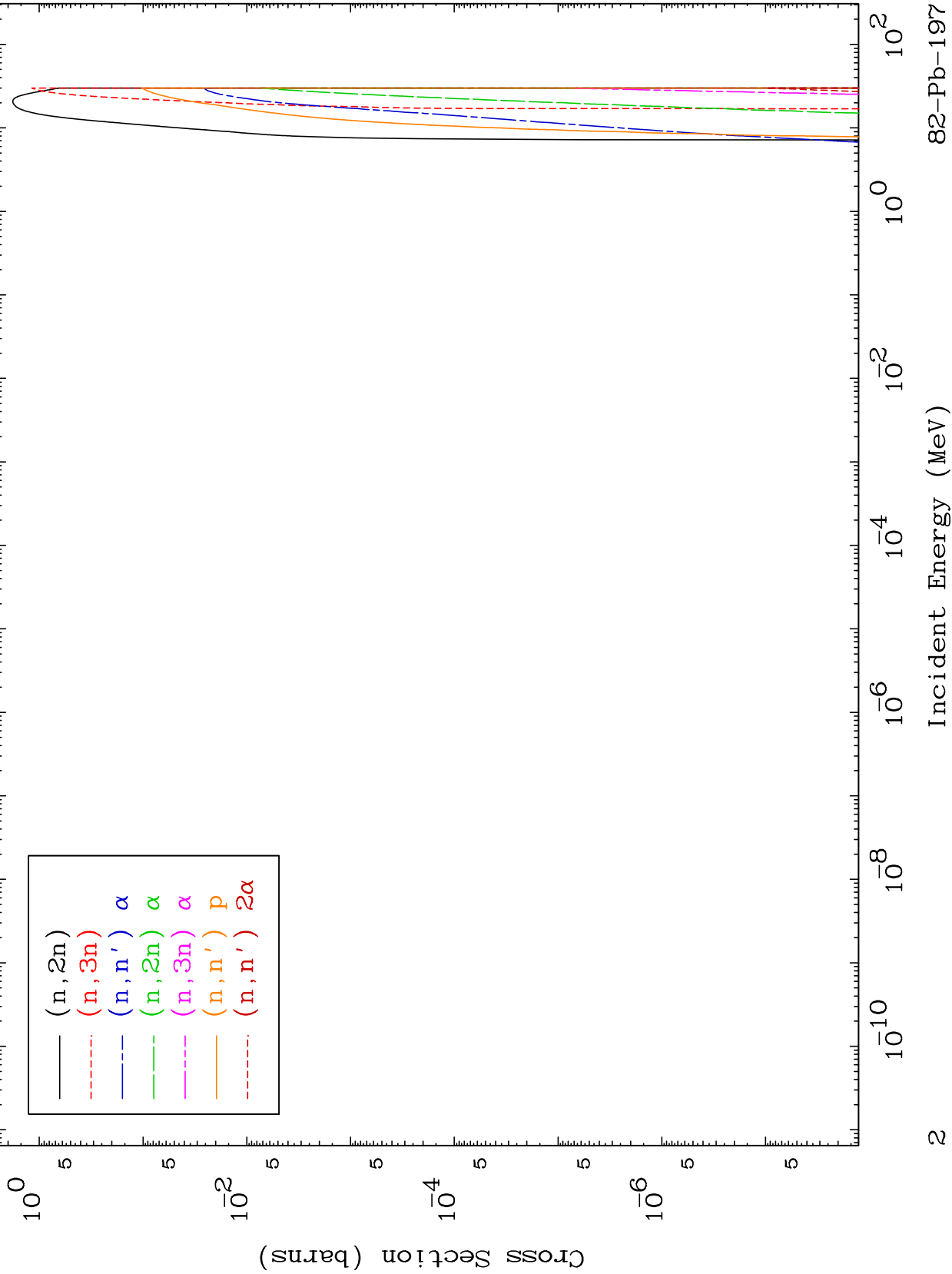
82-Pb-197

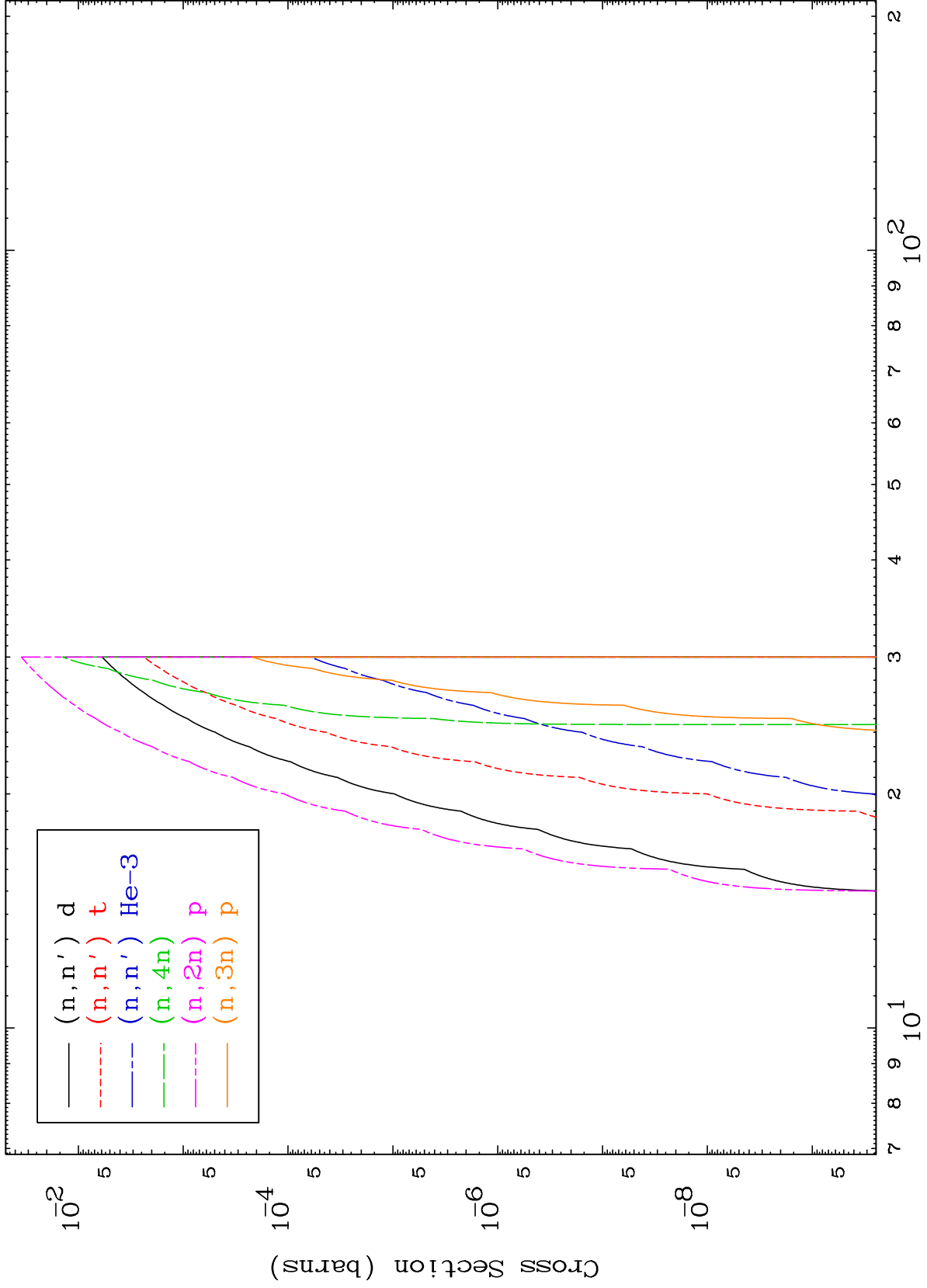


MAT 8205

Neutron Production  
293 Kelvin Cross Sections

82-Pb-197

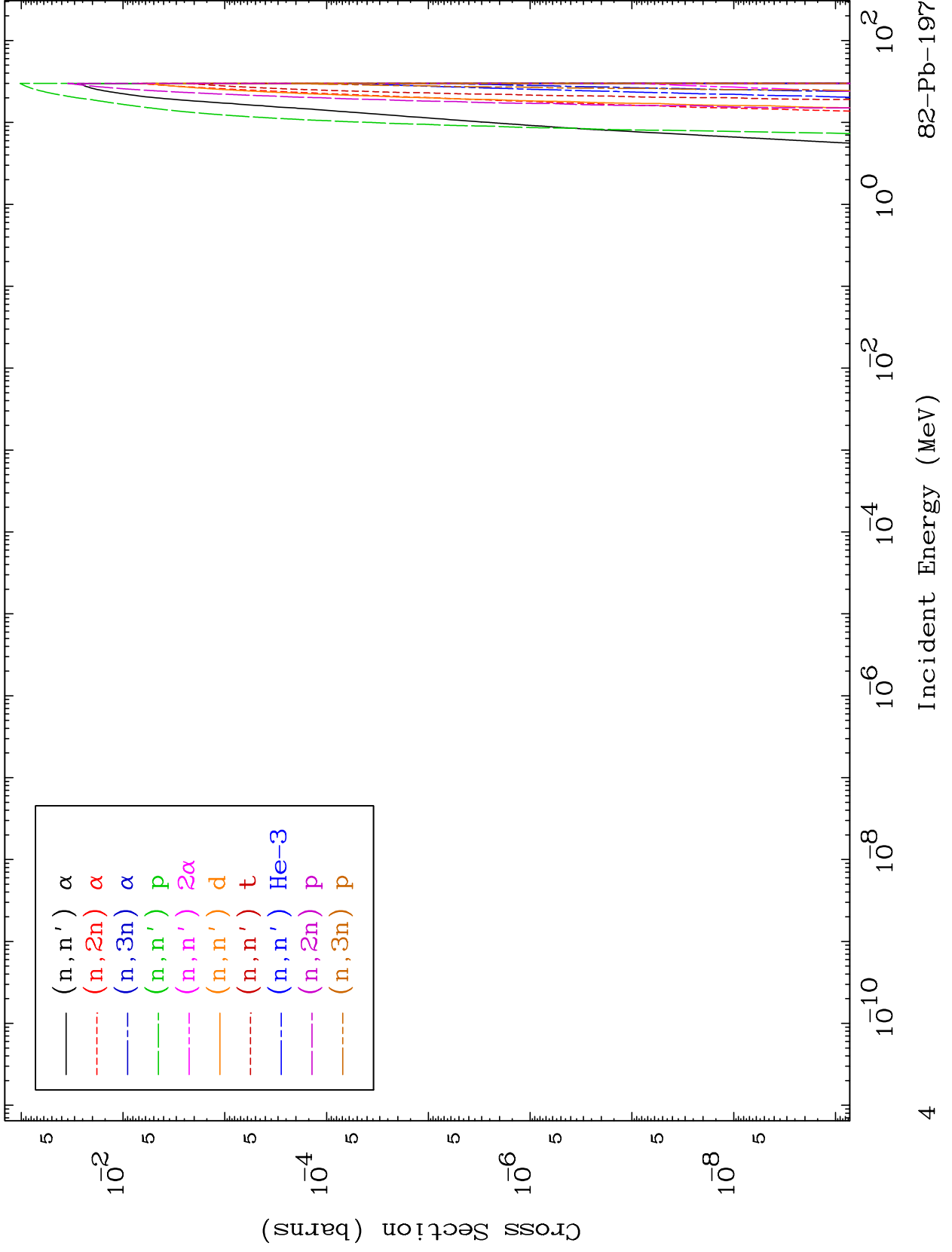




MAT 8205

Charged Particle  
293 Kelvin Cross Sections

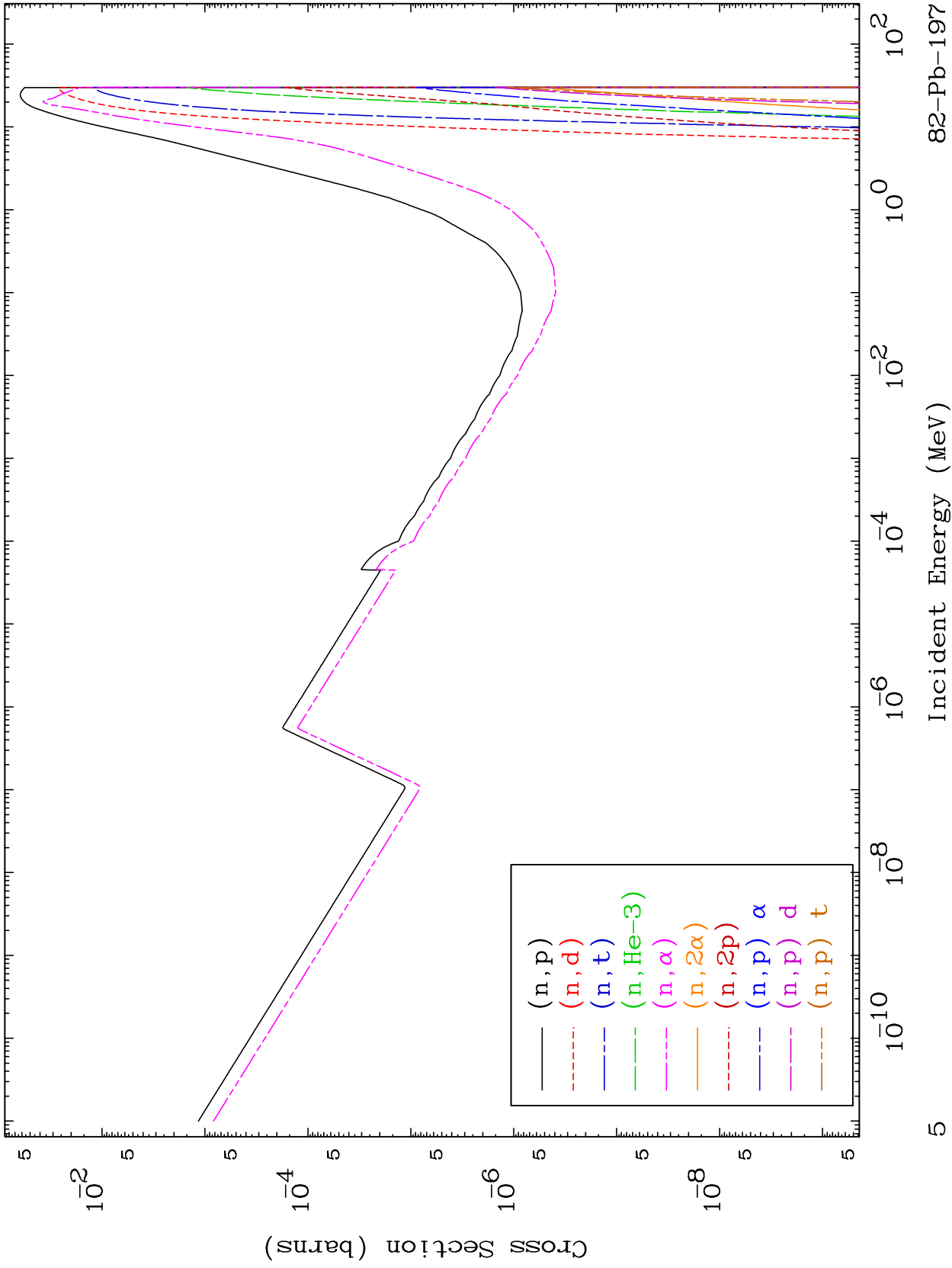
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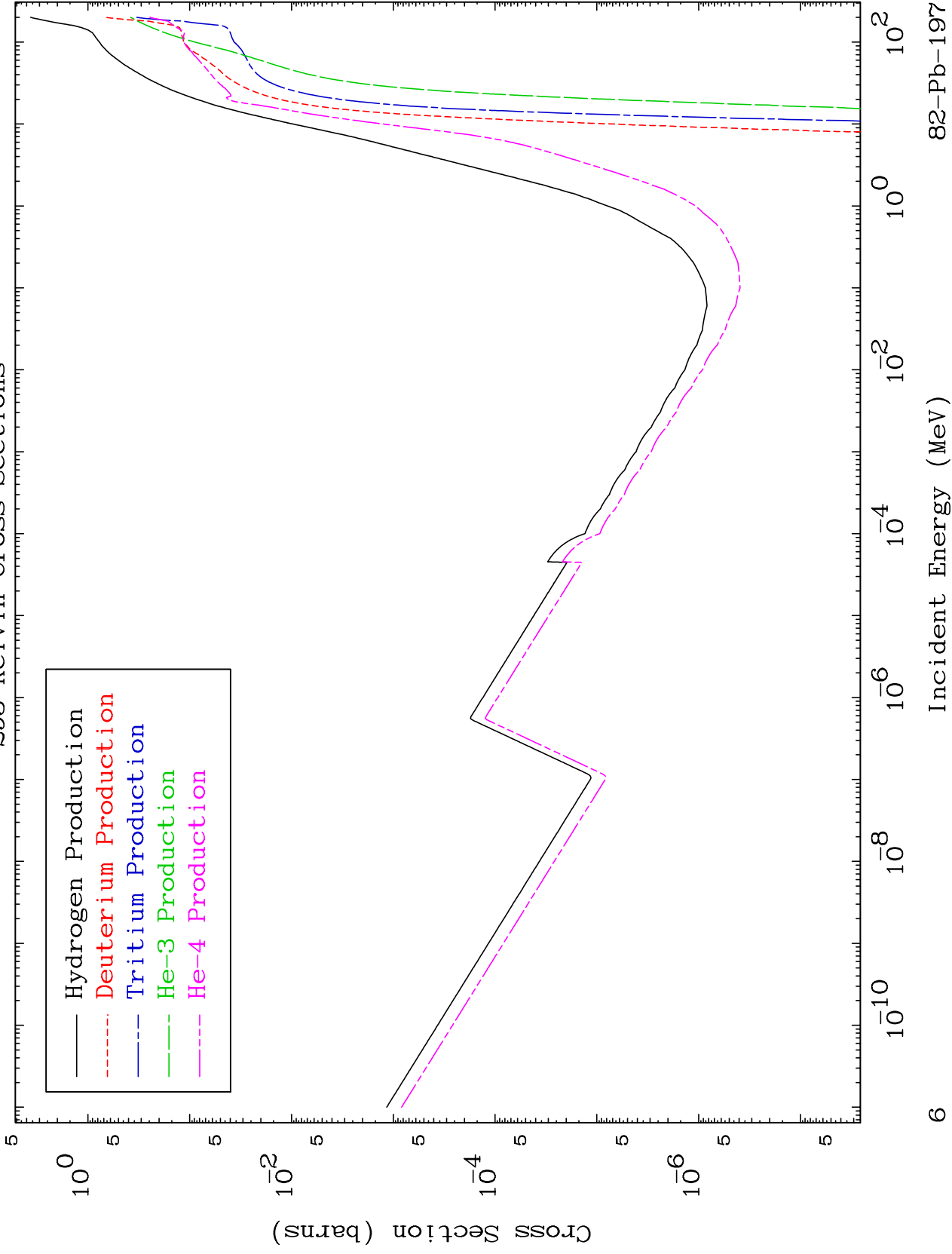


MAT 8205

Charged Particle  
293 Kelvin Cross Sections

82-Pb-197



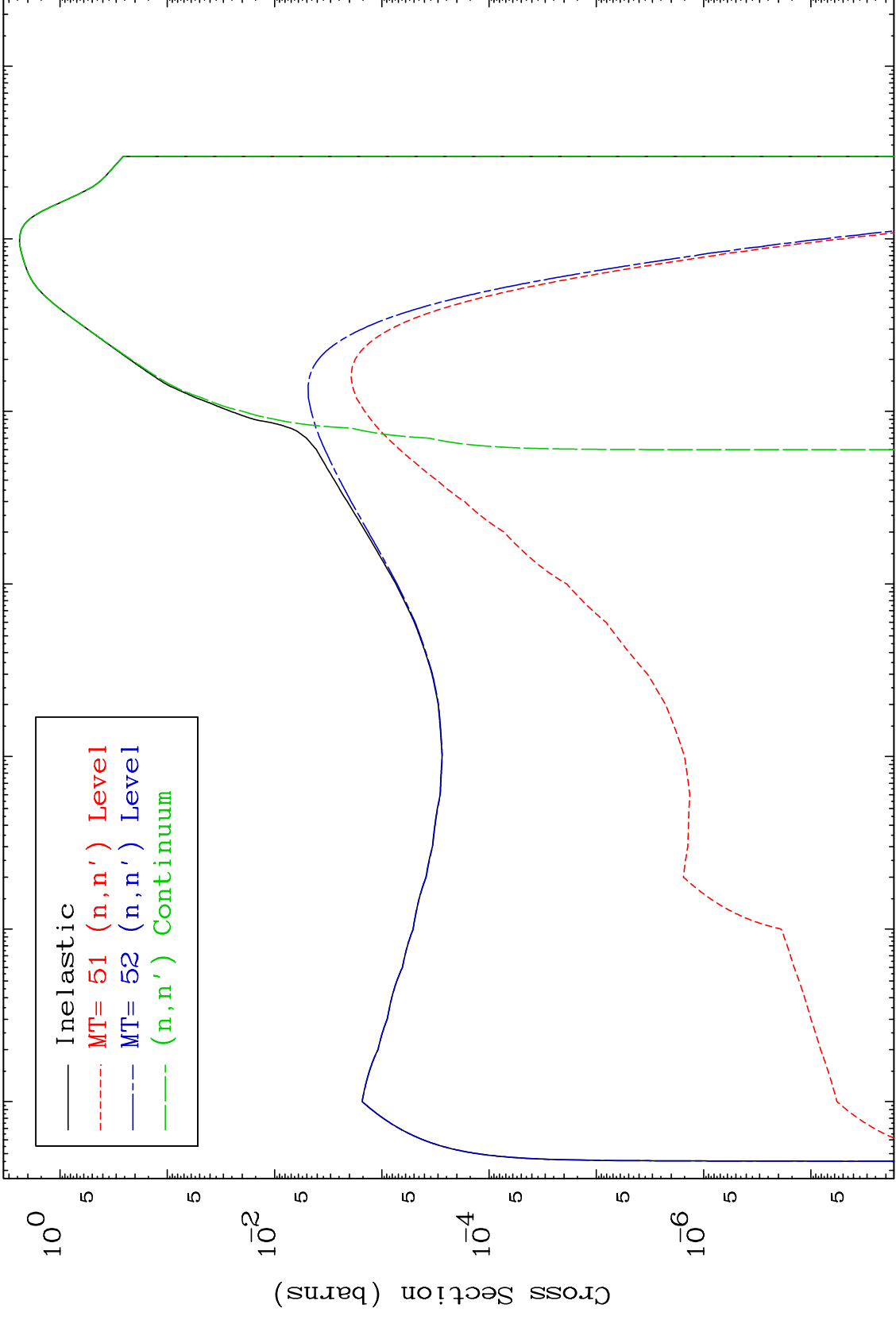


MAT 8205

(n,n') Level

82-Pb-197

293 Kelvin Cross Sections



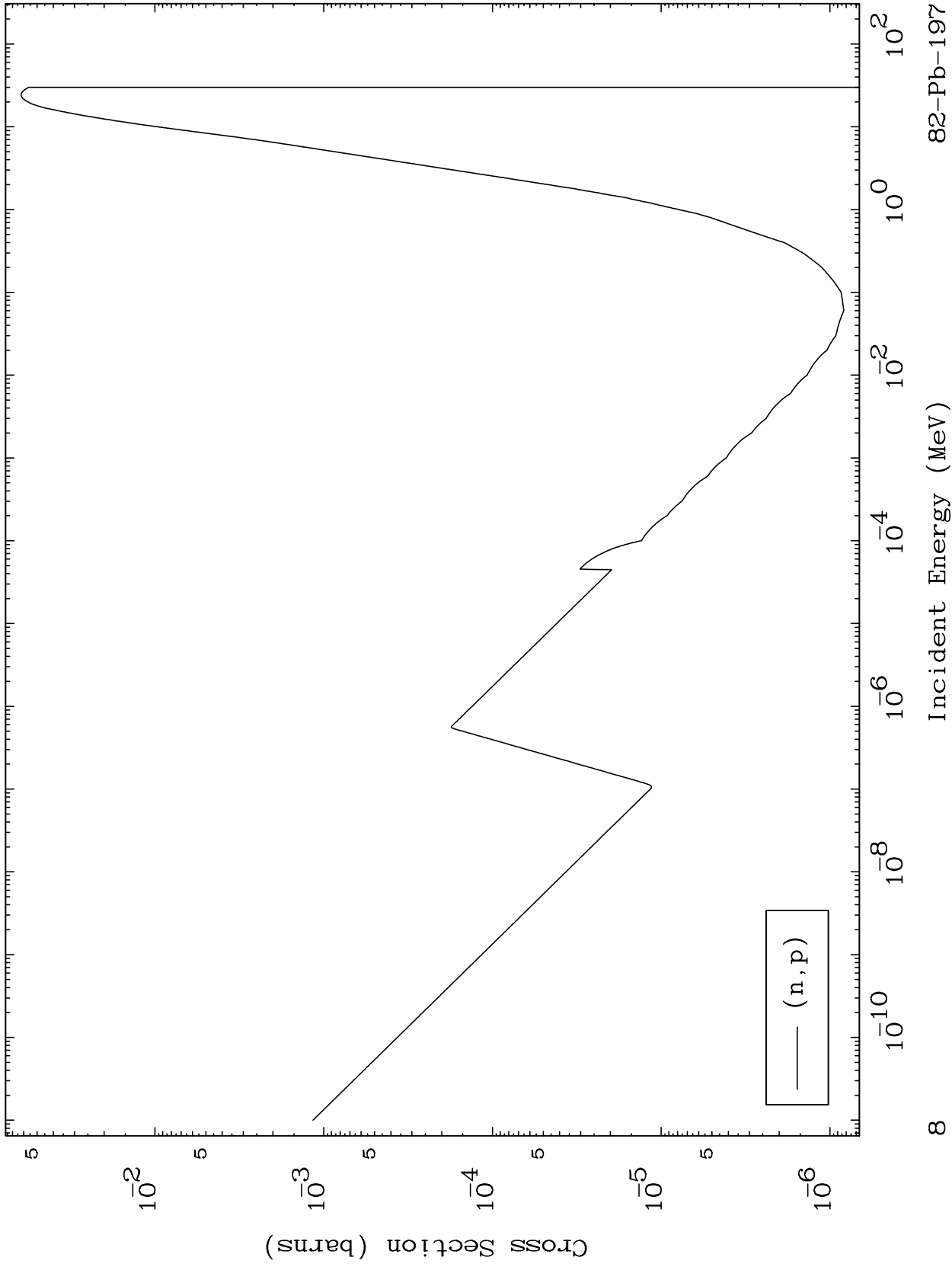
Legend:  
— Inelastic  
- - - MT= 51 (n,n') Level  
— MT= 52 (n,n') Level  
- - - (n,n') Continuum



MAT 8205

(n,p) Levels  
293 Kelvin Cross Sections

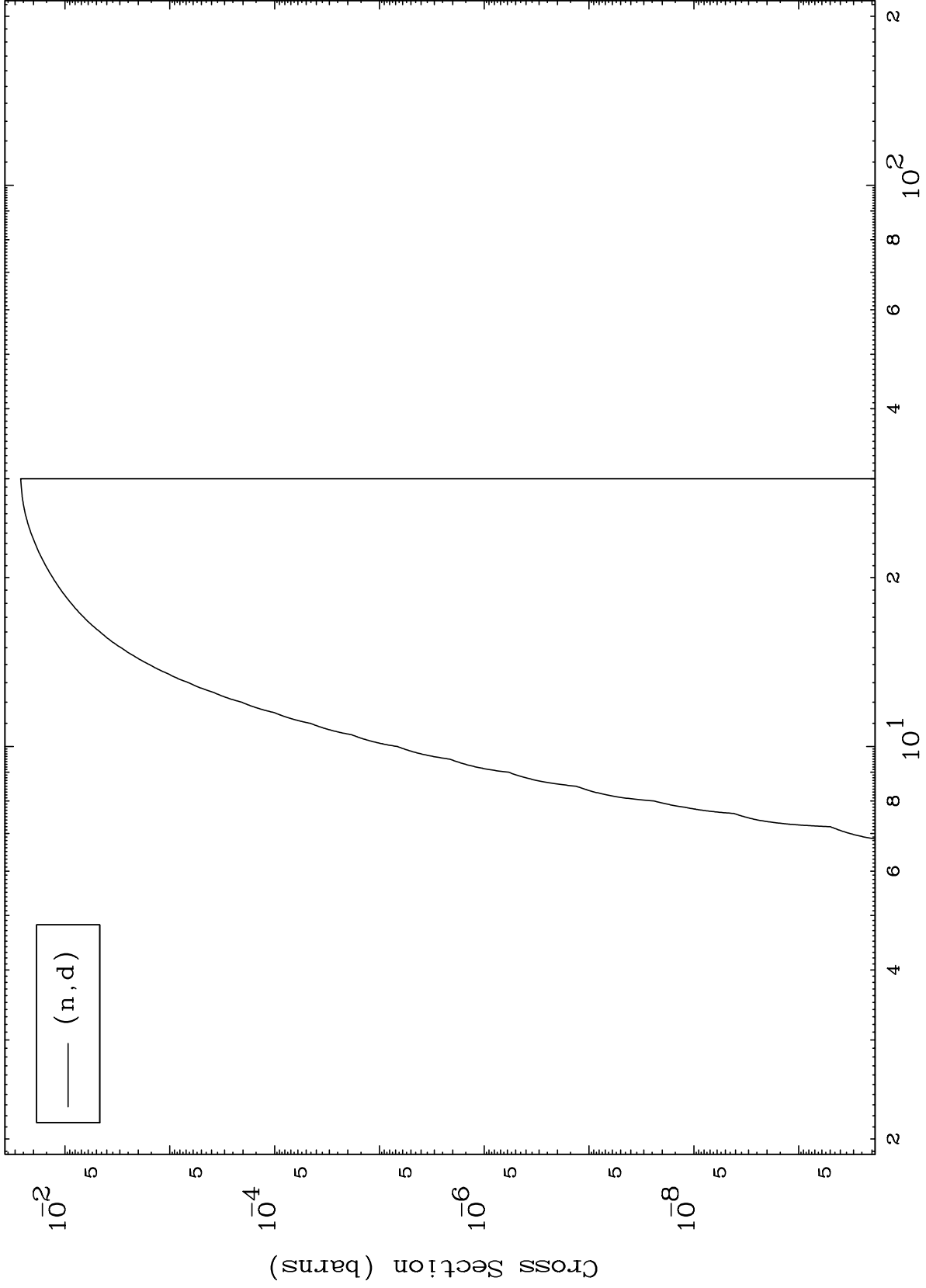
82-Pb-197



MAT 8205

(n,d) Levels  
293 Kelvin Cross Sections

82-Pb-197



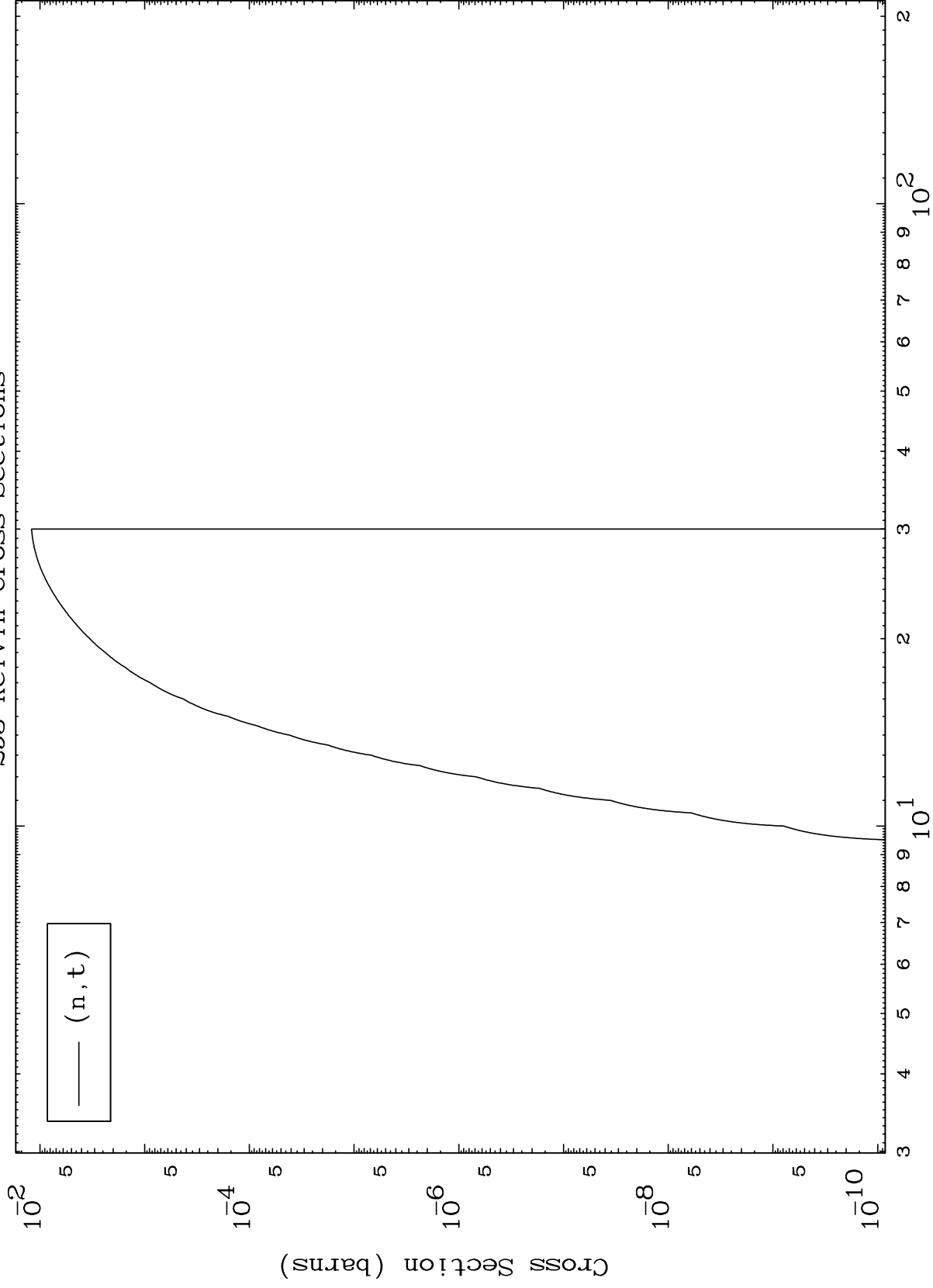
9

82-Pb-197

MAT 8205

(n,t) Levels  
293 Kelvin Cross Sections

82-Pb-197



10

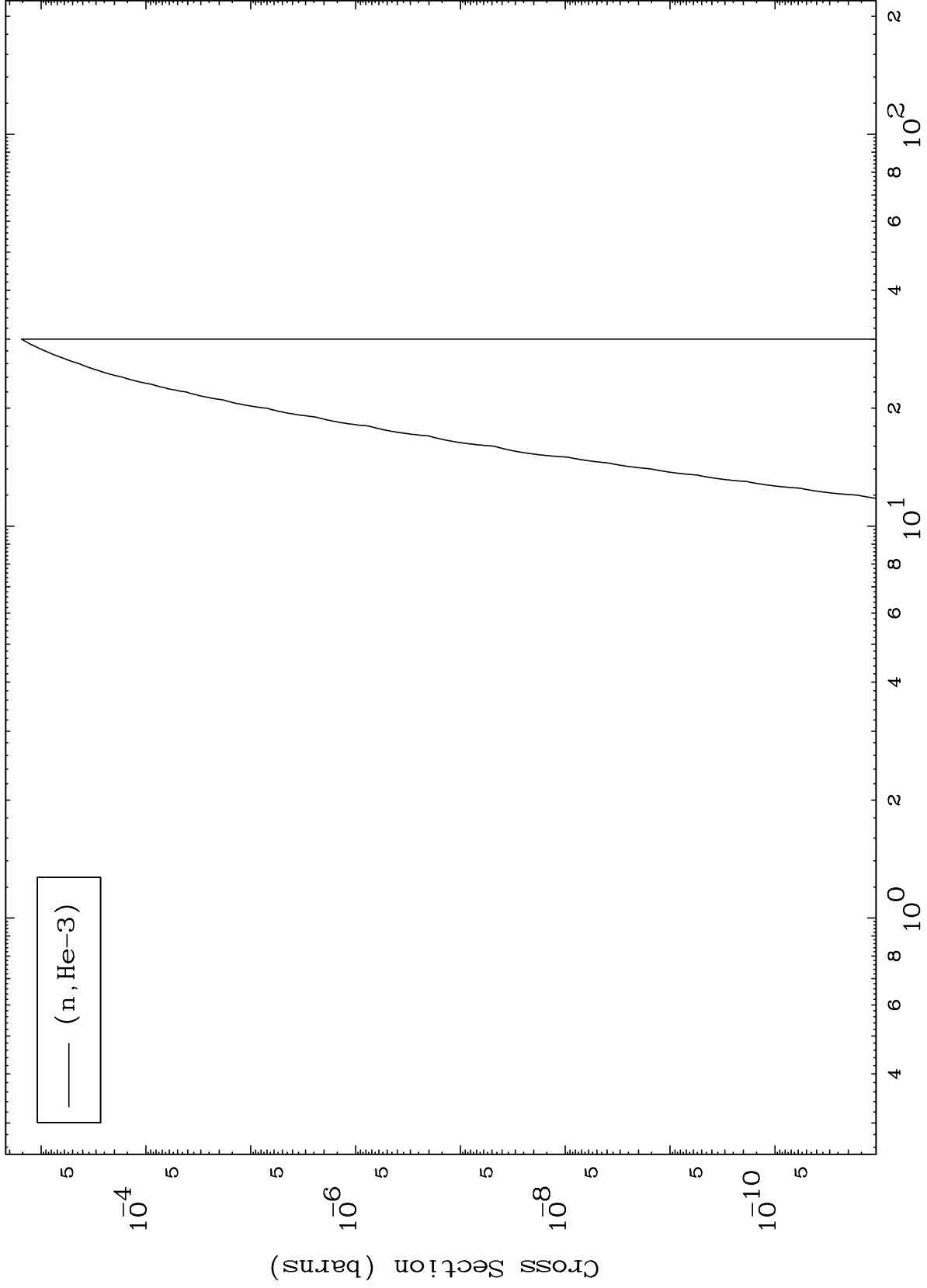
Incident Energy (MeV)

82-Pb-197

MAT 8205

(n,He3) Levels  
293 Kelvin Cross Sections

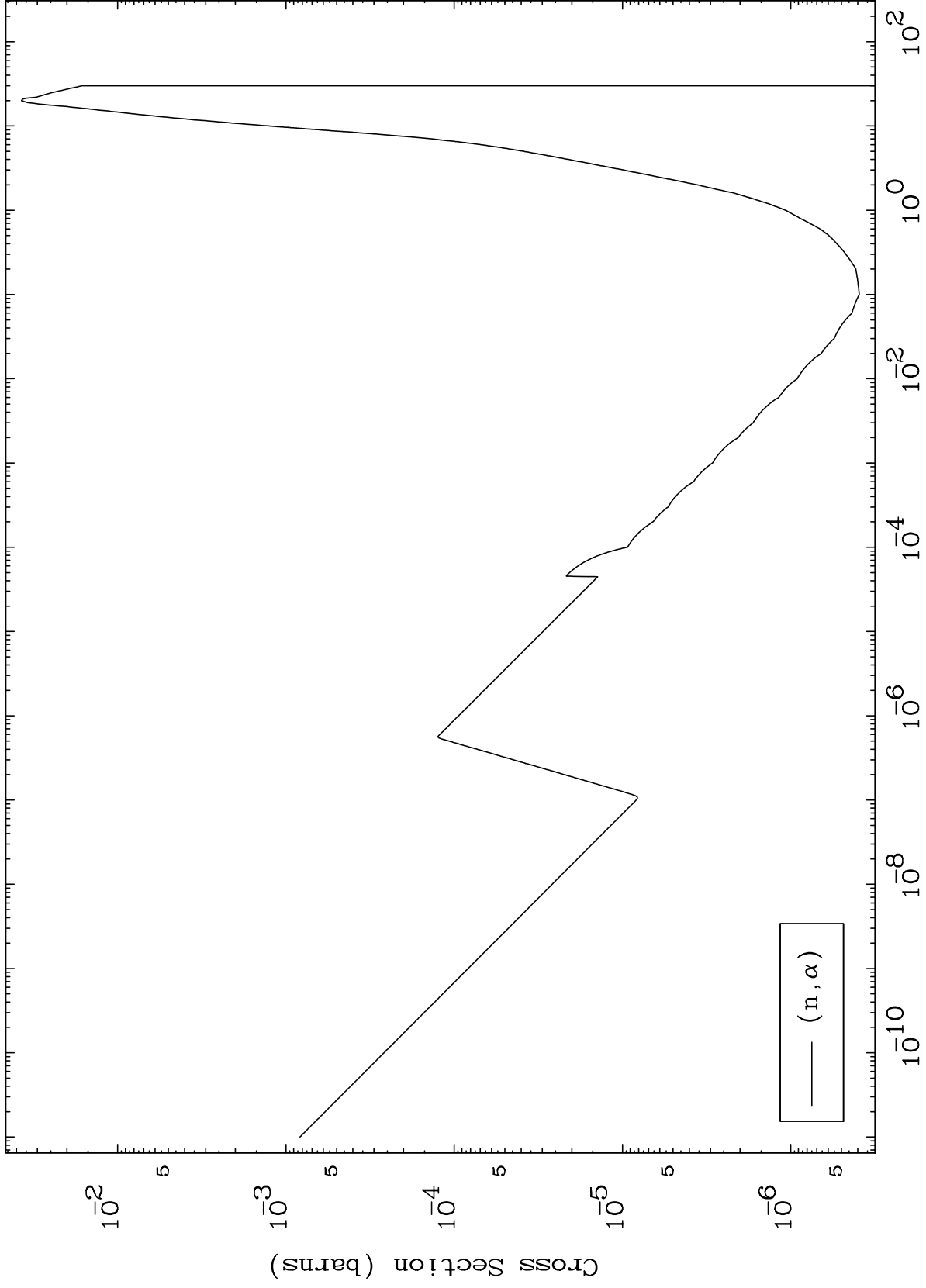
82-Pb-197



MAT 8205

(n,α) Levels  
293 Kelvin Cross Sections

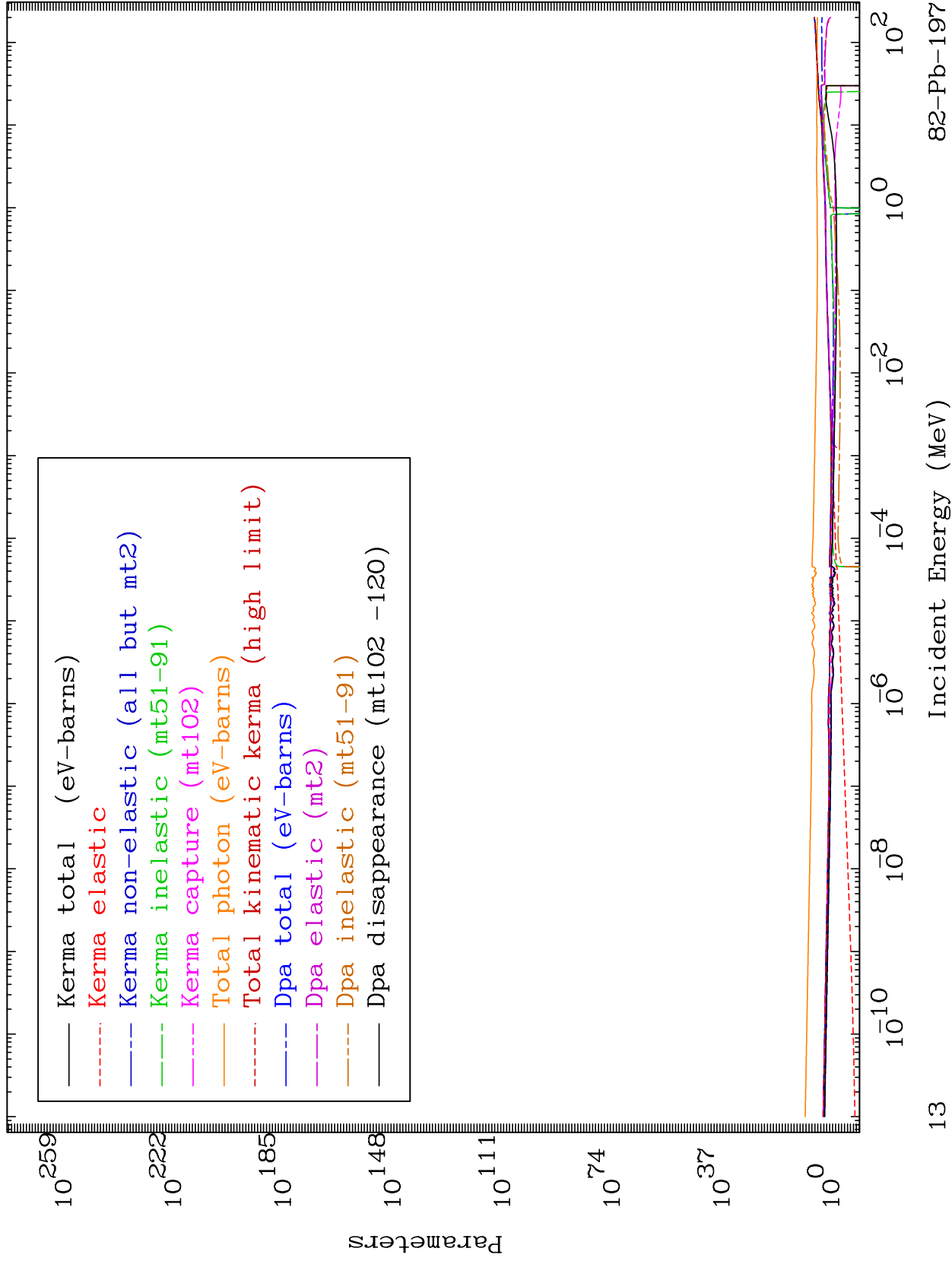
82-Pb-197



12

Incident Energy (MeV)

82-Pb-197





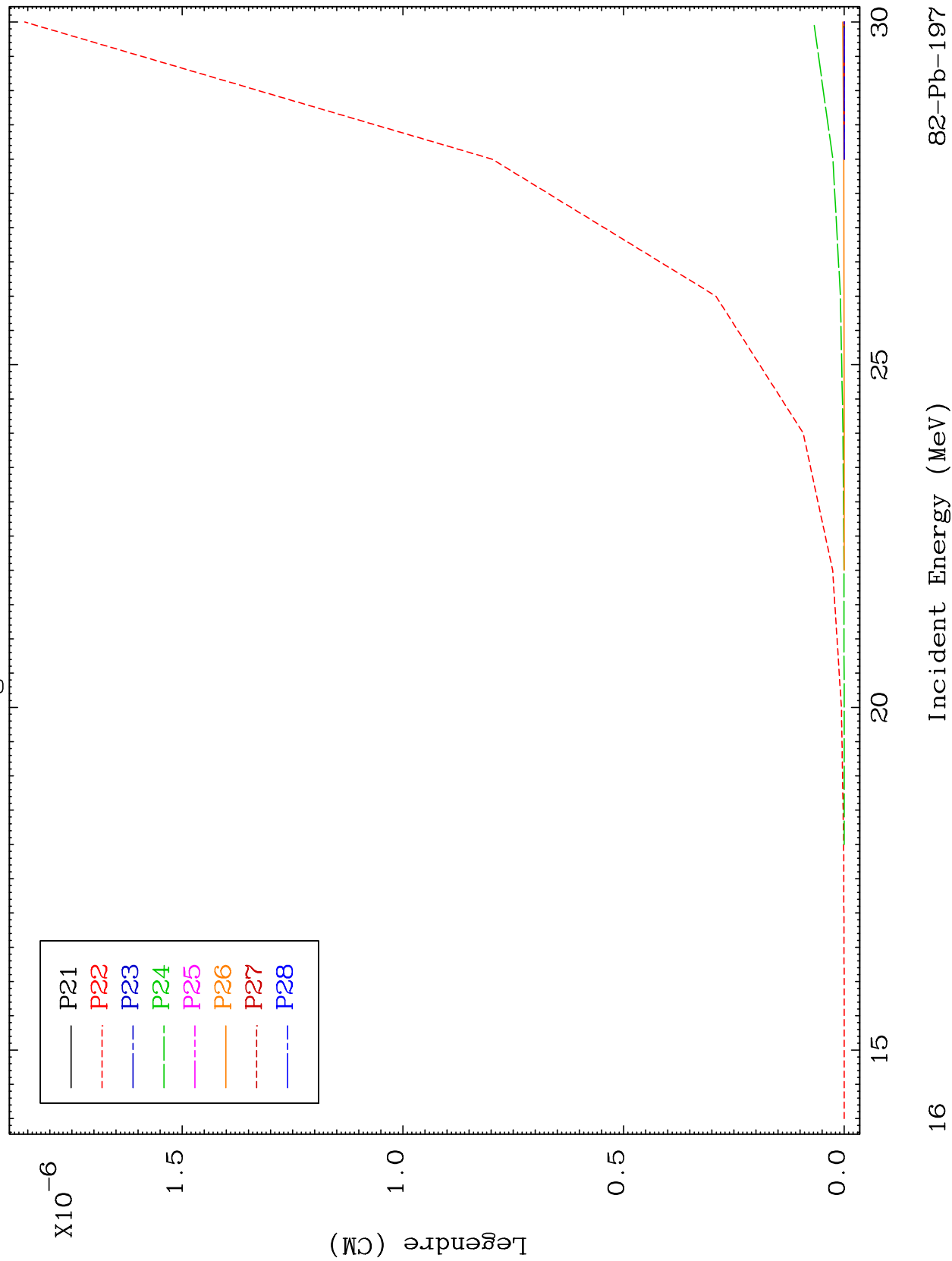




MAT 8205

Elastic Legendre Coefficients

82-Pb-197



16

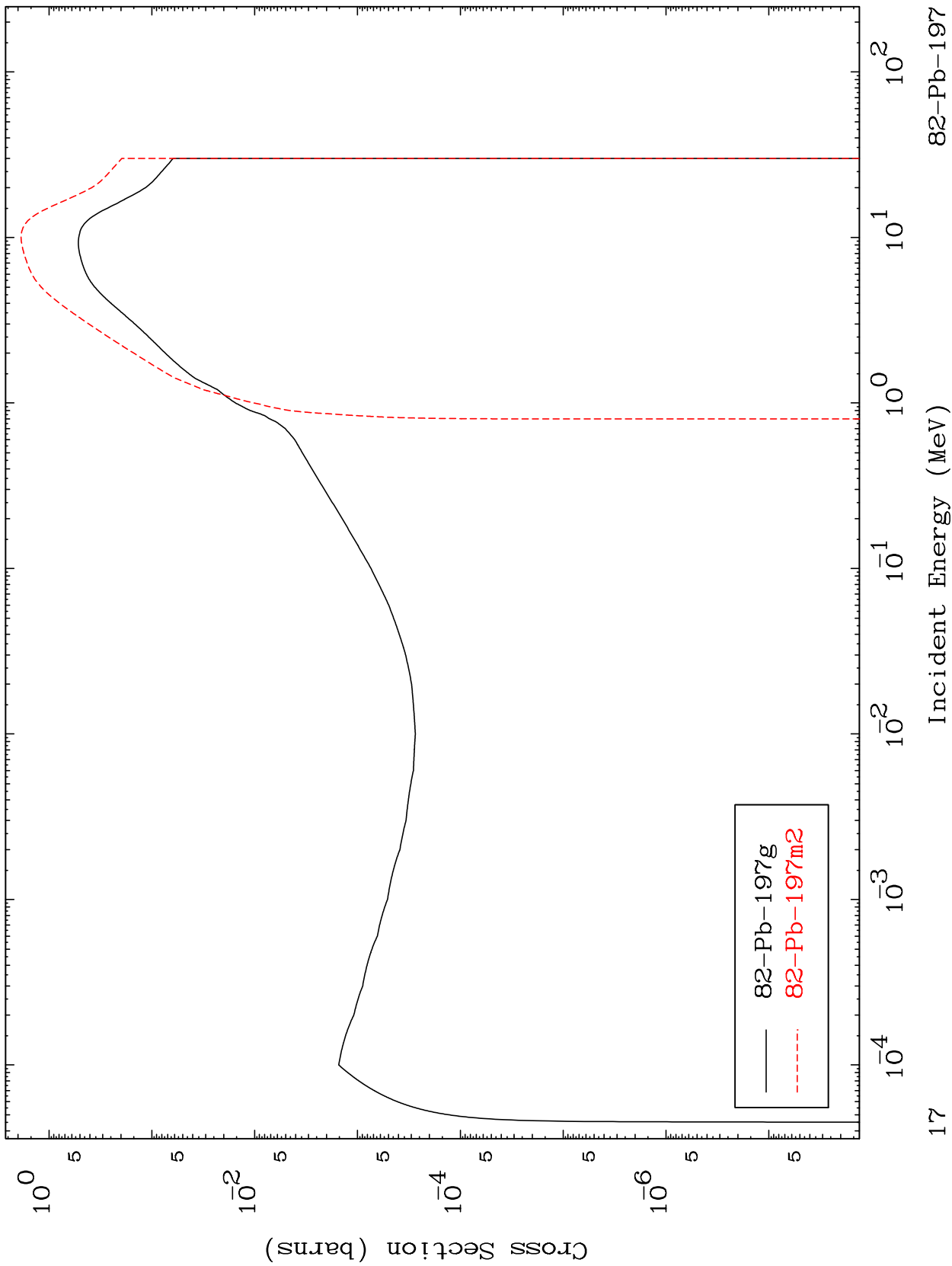
Incident Energy (MeV)

82-Pb-197

MAT 8205

82-Pb-197

Inelastic  
Radionuclide Production Cross Section

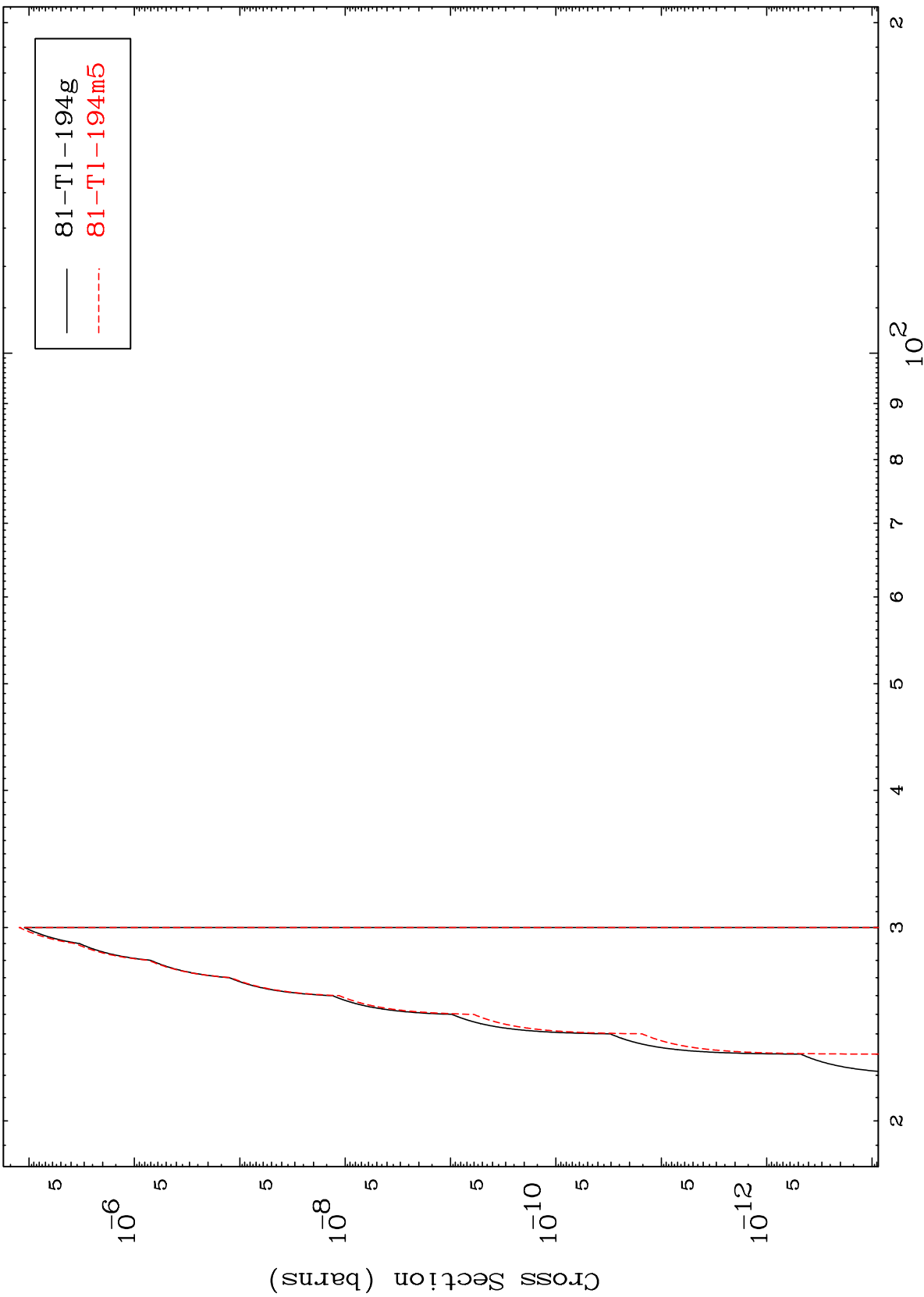


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(n,2n) d

82-Pb-197

Radionuclide Production Cross Section



18

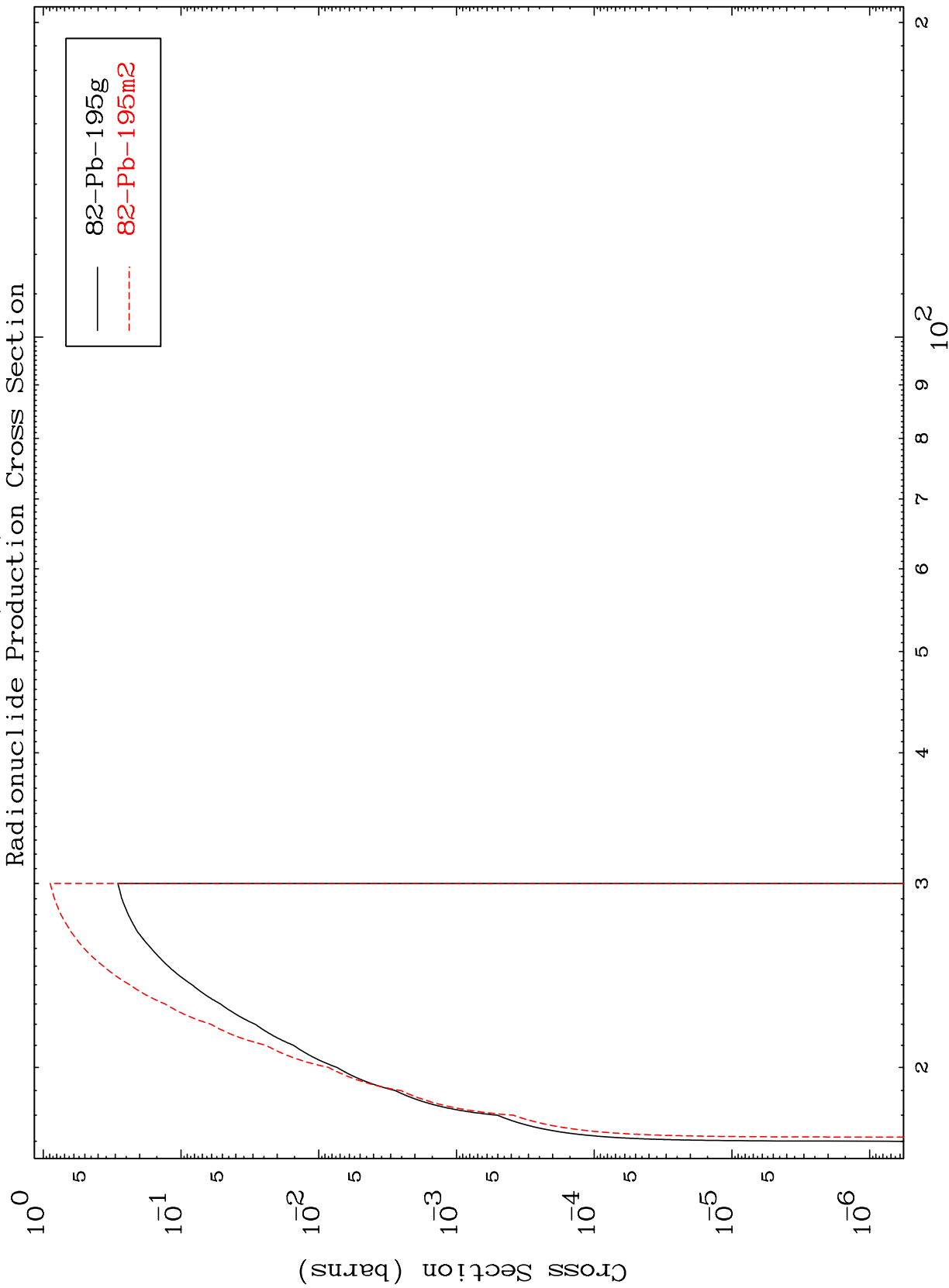
Incident Energy (MeV)

82-Pb-197

MAT 8205

82-Pb-197

(n,3n)  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

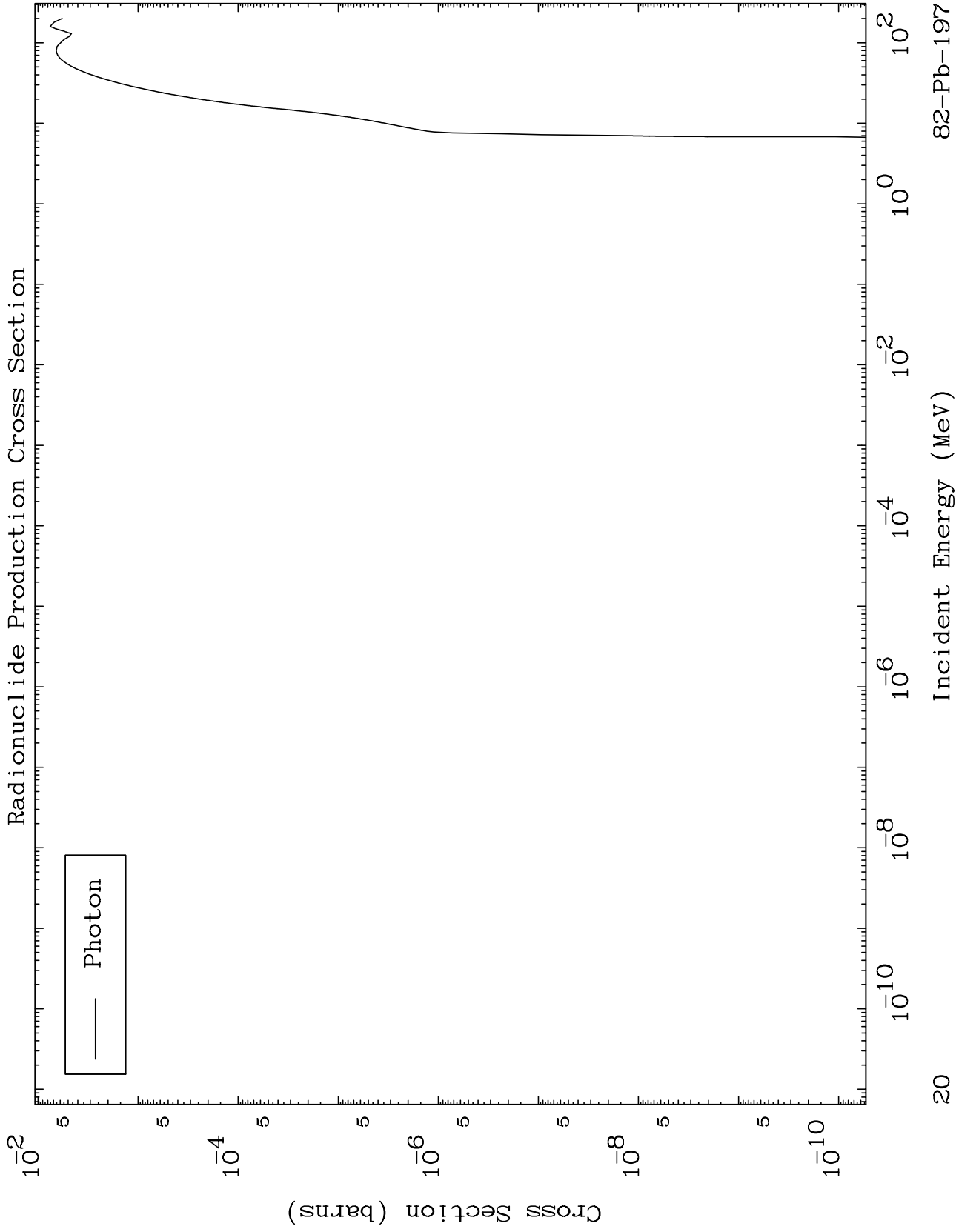
82-Pb-197

MAT 8205

Fission

82-Pb-197

Radionuclide Production Cross Section

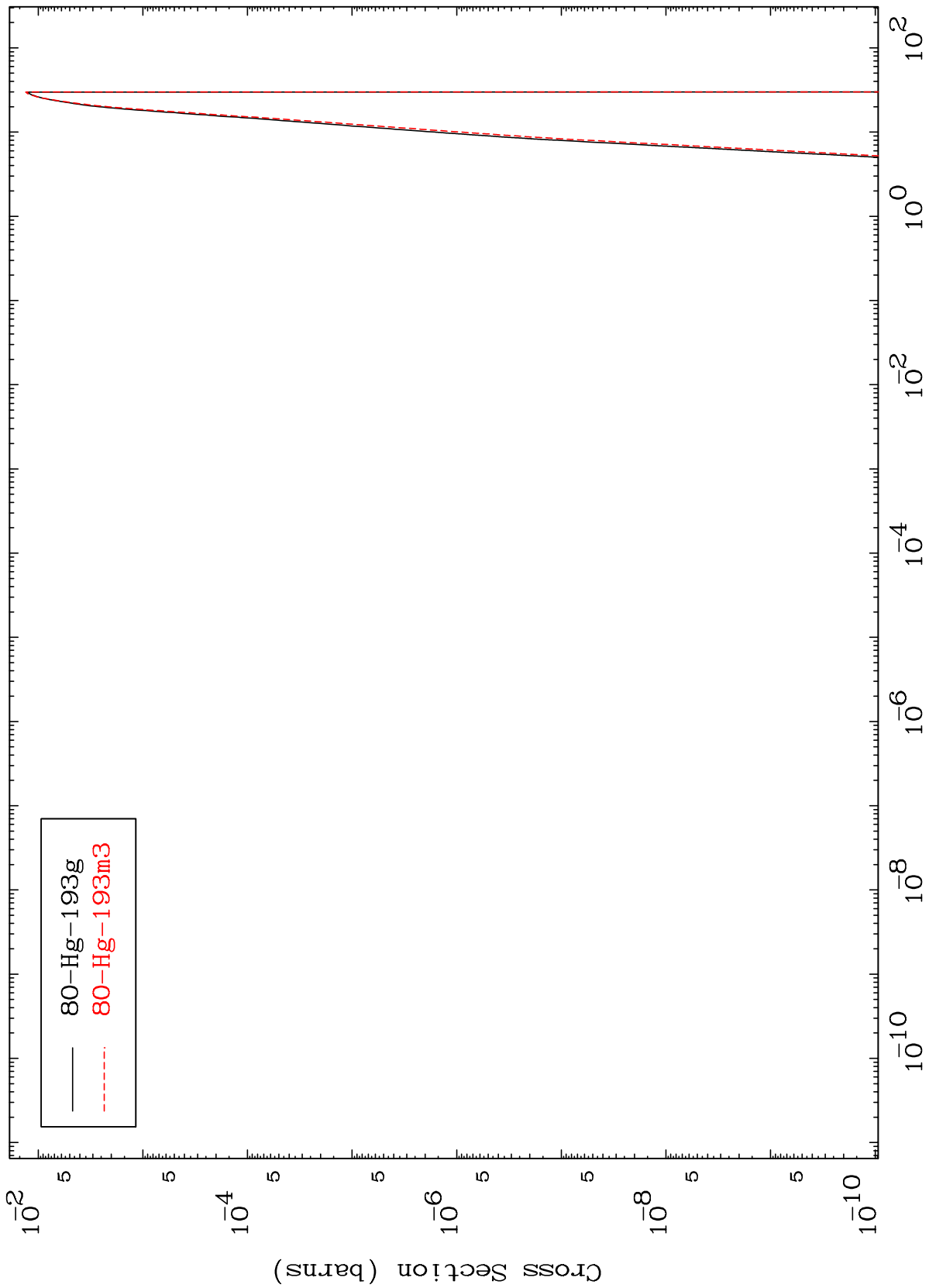


MAT 8205

$(n, n') \alpha$

82-Pb-197

Radionuclide Production Cross Section

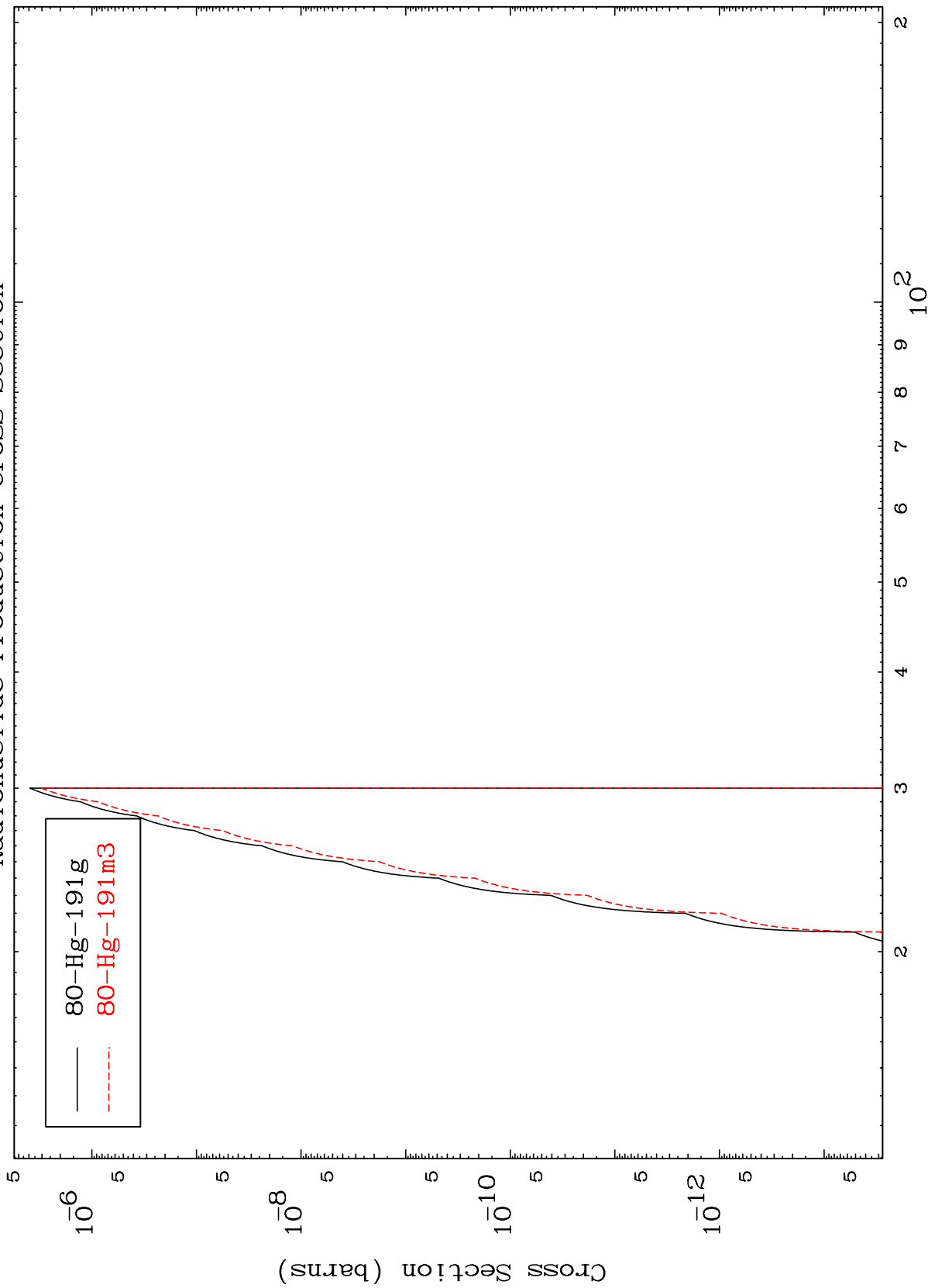


MAT 8205

(n,3n)  $\alpha$

82-Pb-197

Radionuclide Production Cross Section

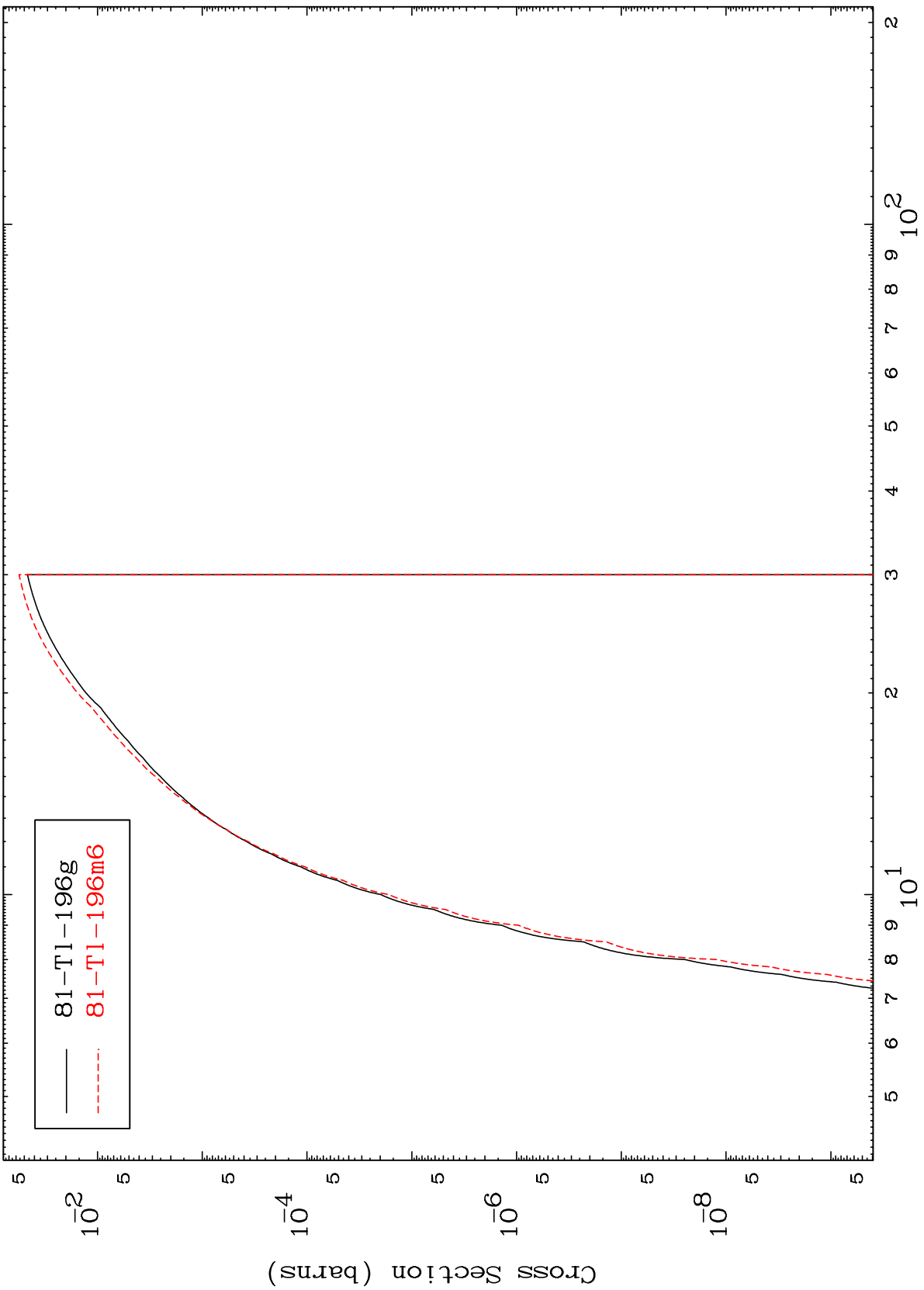


MAT 8205

(n,n') p

82-Pb-197

Radionuclide Production Cross Section



23

Incident Energy (MeV)

82-Pb-197

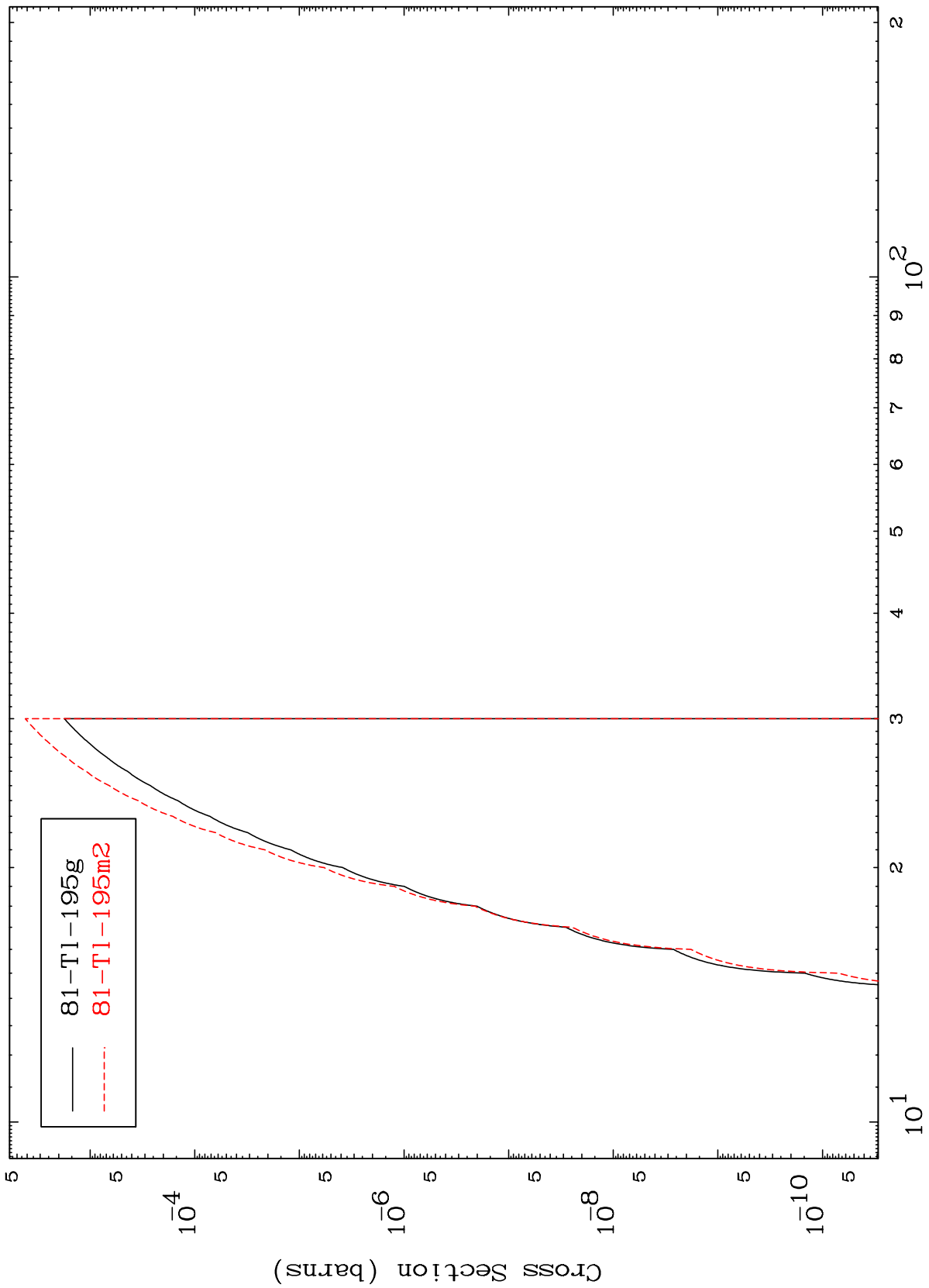


MAT 8205

(n,n') d

82-Pb-197

Radionuclide Production Cross Section



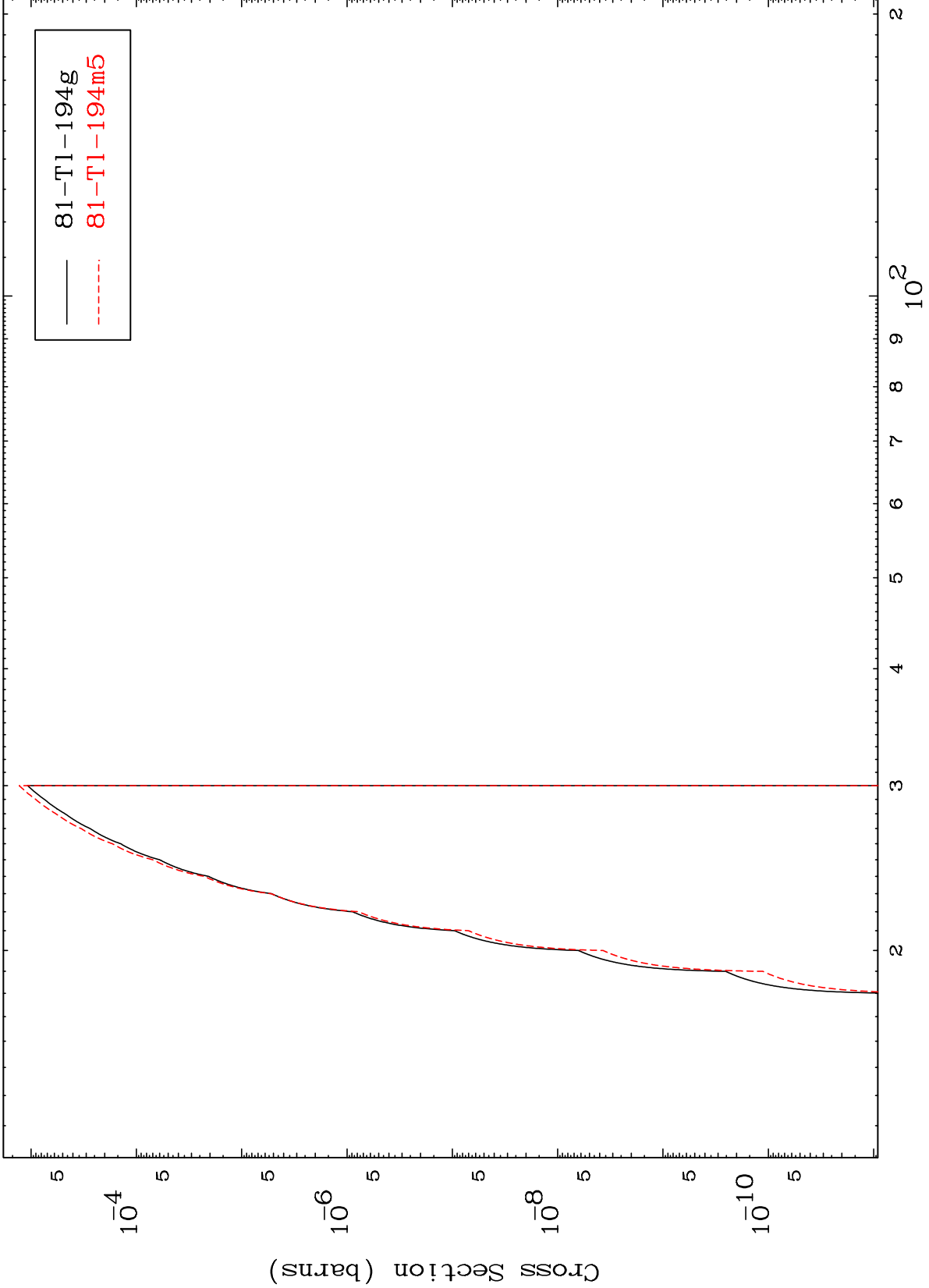
81-Tl-195g  
81-Tl-195m2

24

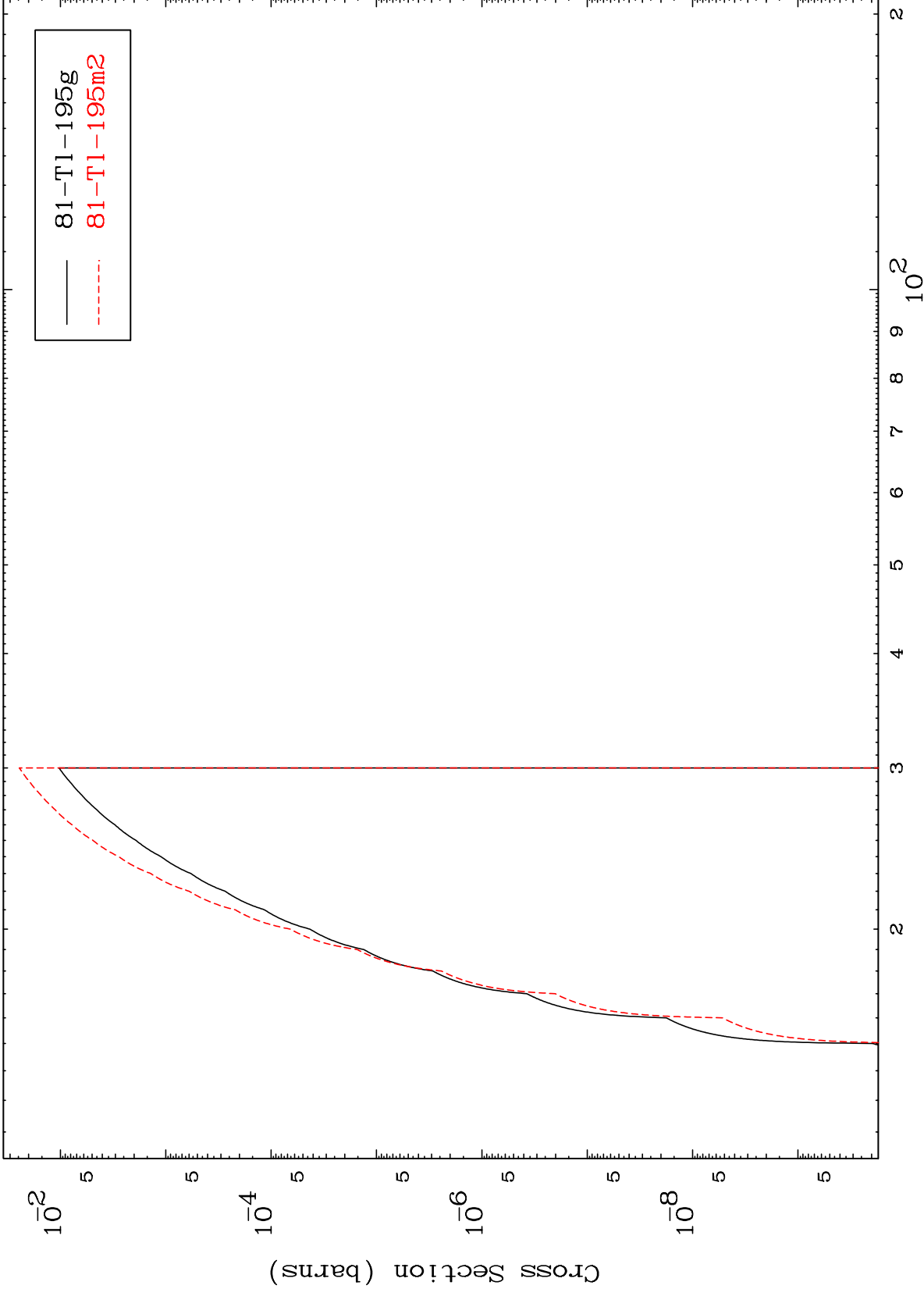
Incident Energy (MeV)

82-Pb-197

Radionuclide Production Cross Section

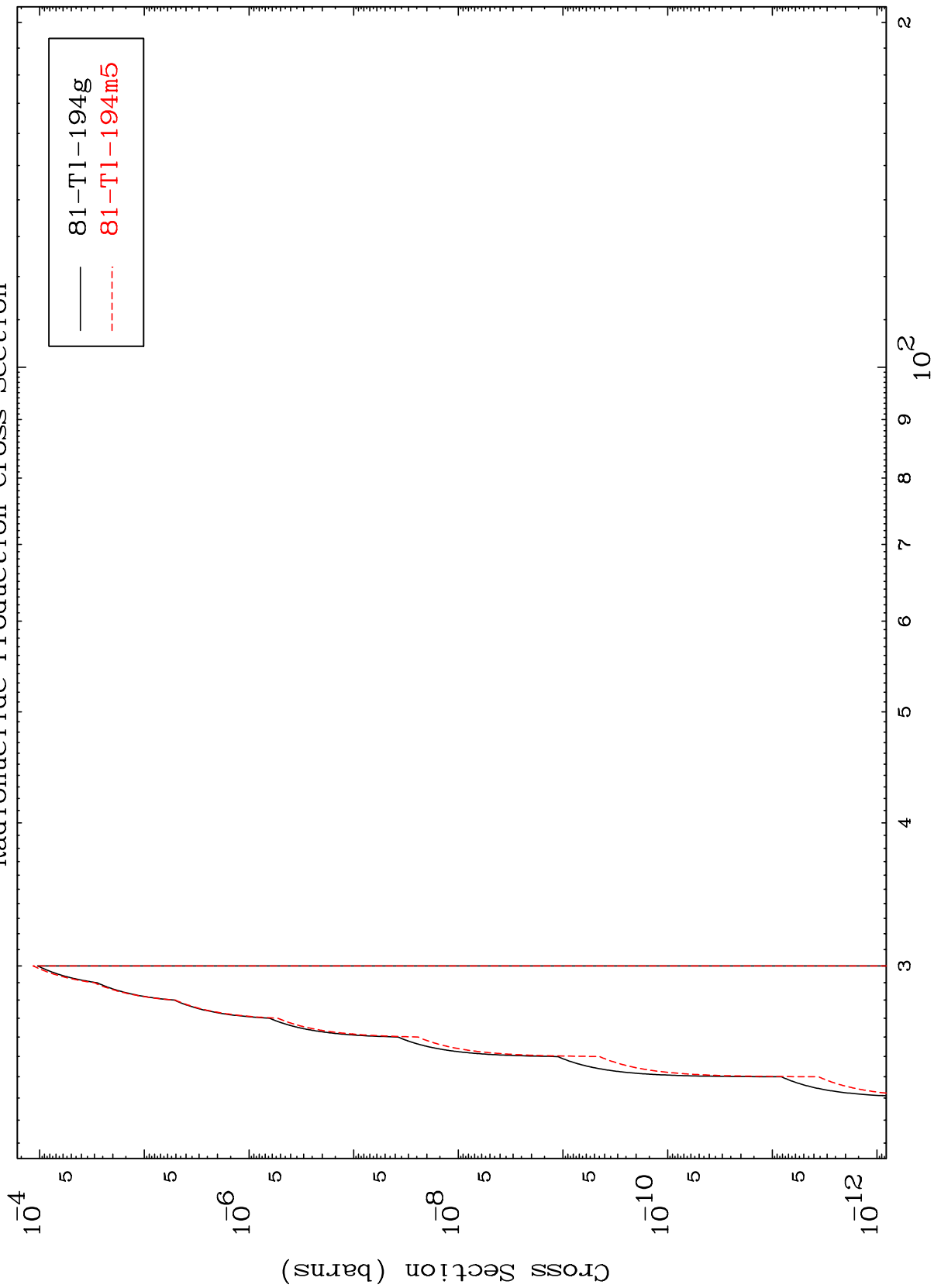


Radionuclide Production Cross Section



81-Tl-195g  
81-Tl-195m2

Radionuclide Production Cross Section



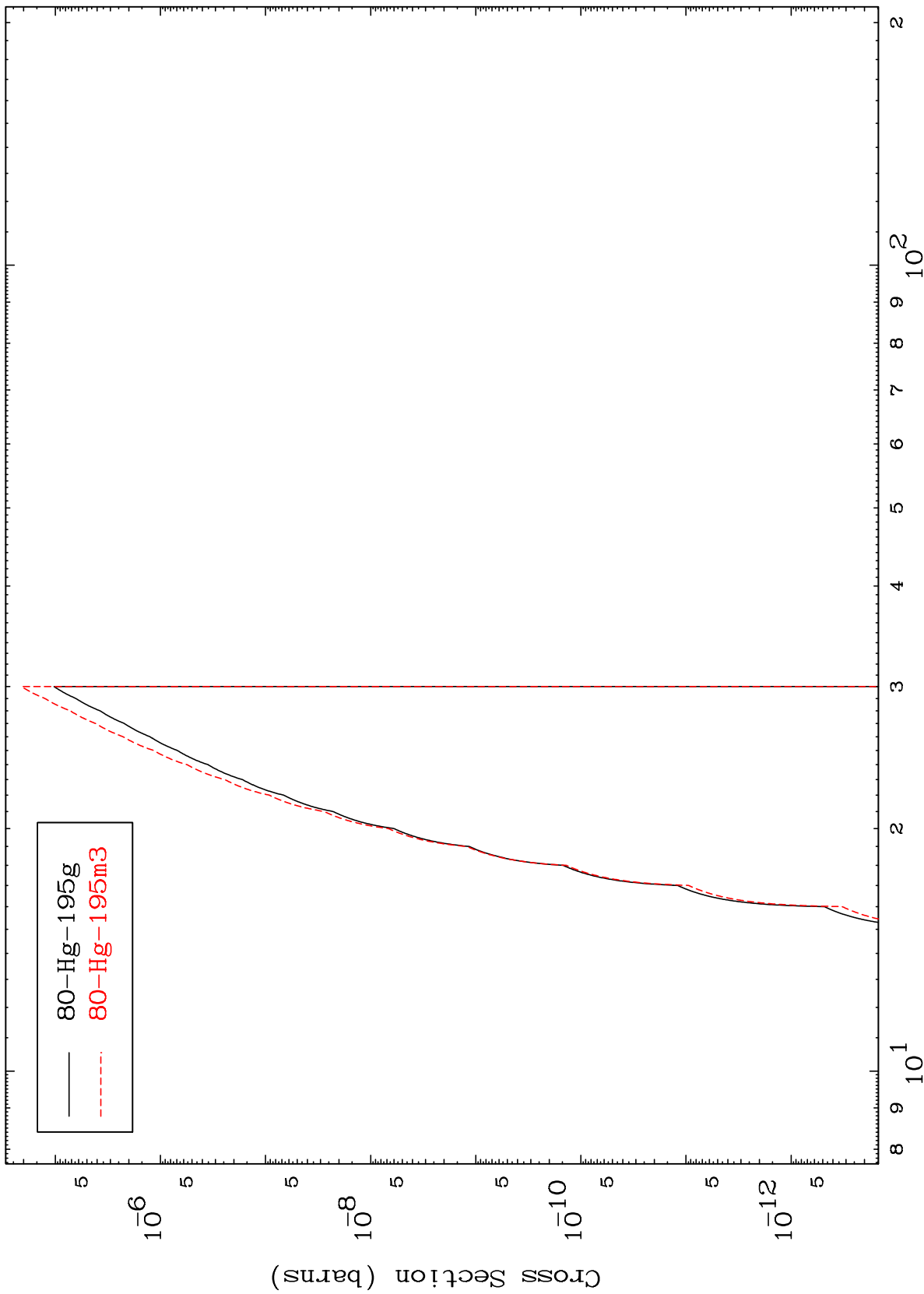
81-Tl-194g  
81-Tl-194m5

MAT 8205

(n,2n) p

82-Pb-197

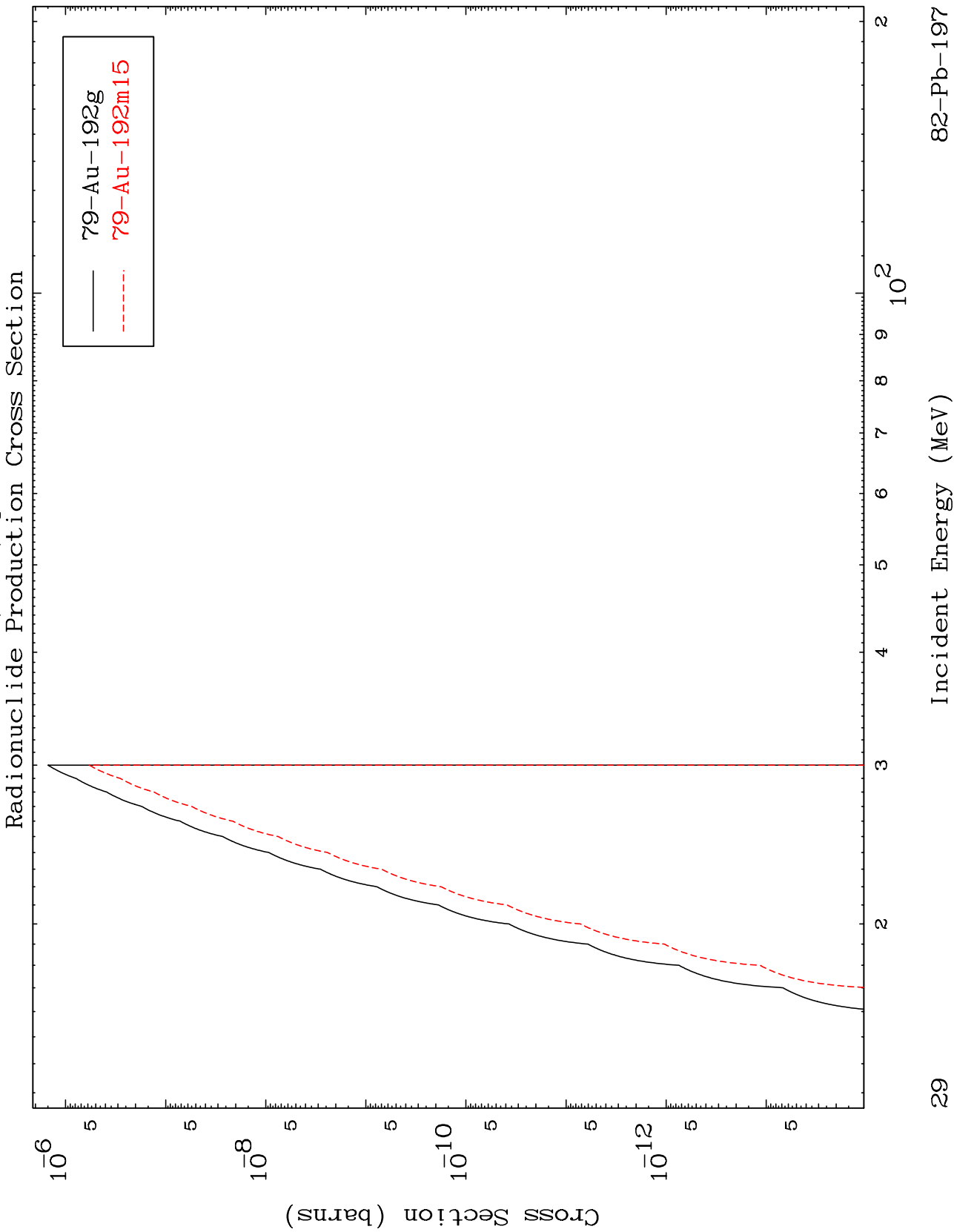
Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-197

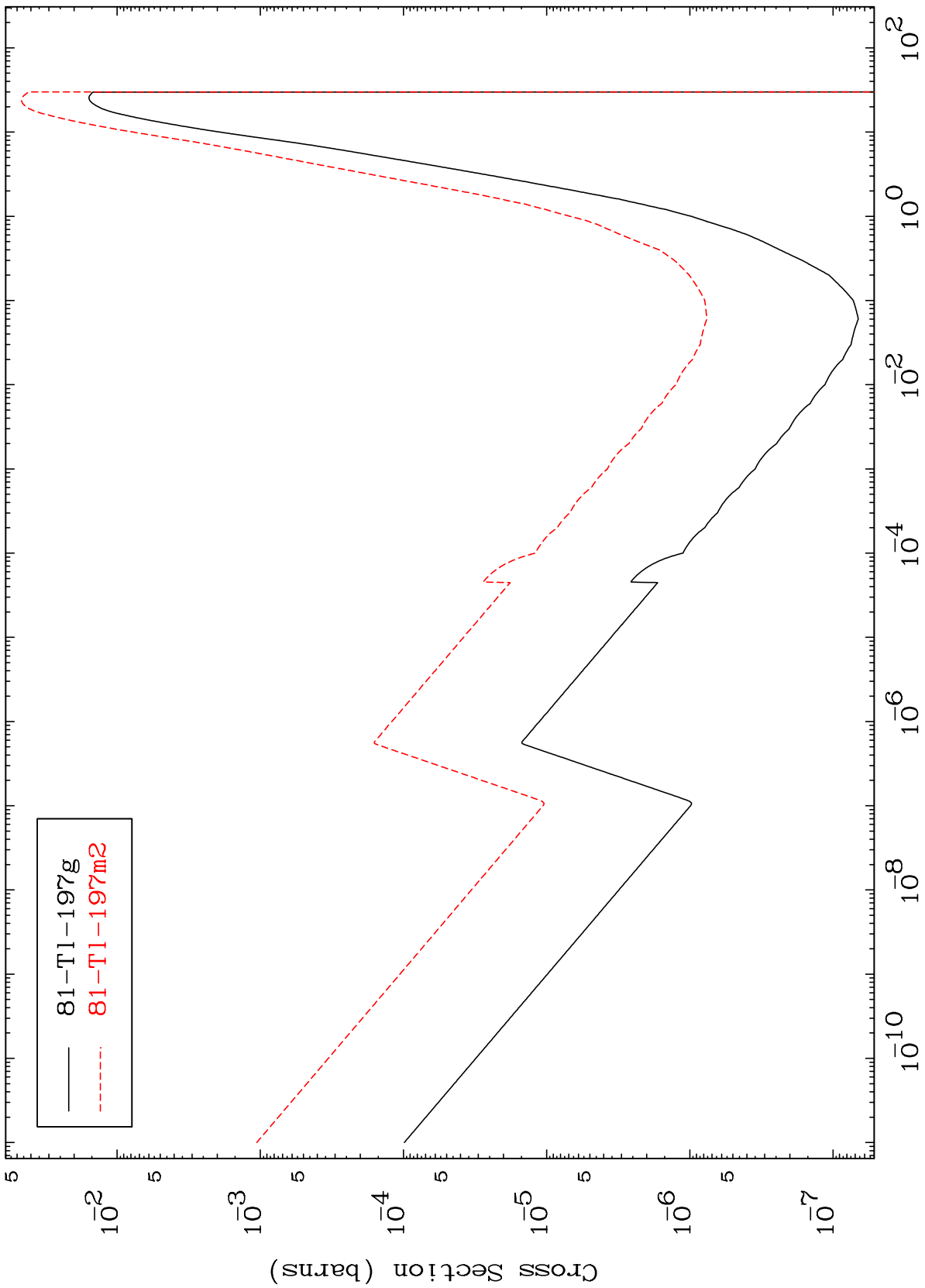
28



MAT 8205

82-Pb-197

(n,p)  
Radionuclide Production Cross Section



— 81-Tl-197g  
- - - 81-Tl-197m2

82-Pb-197

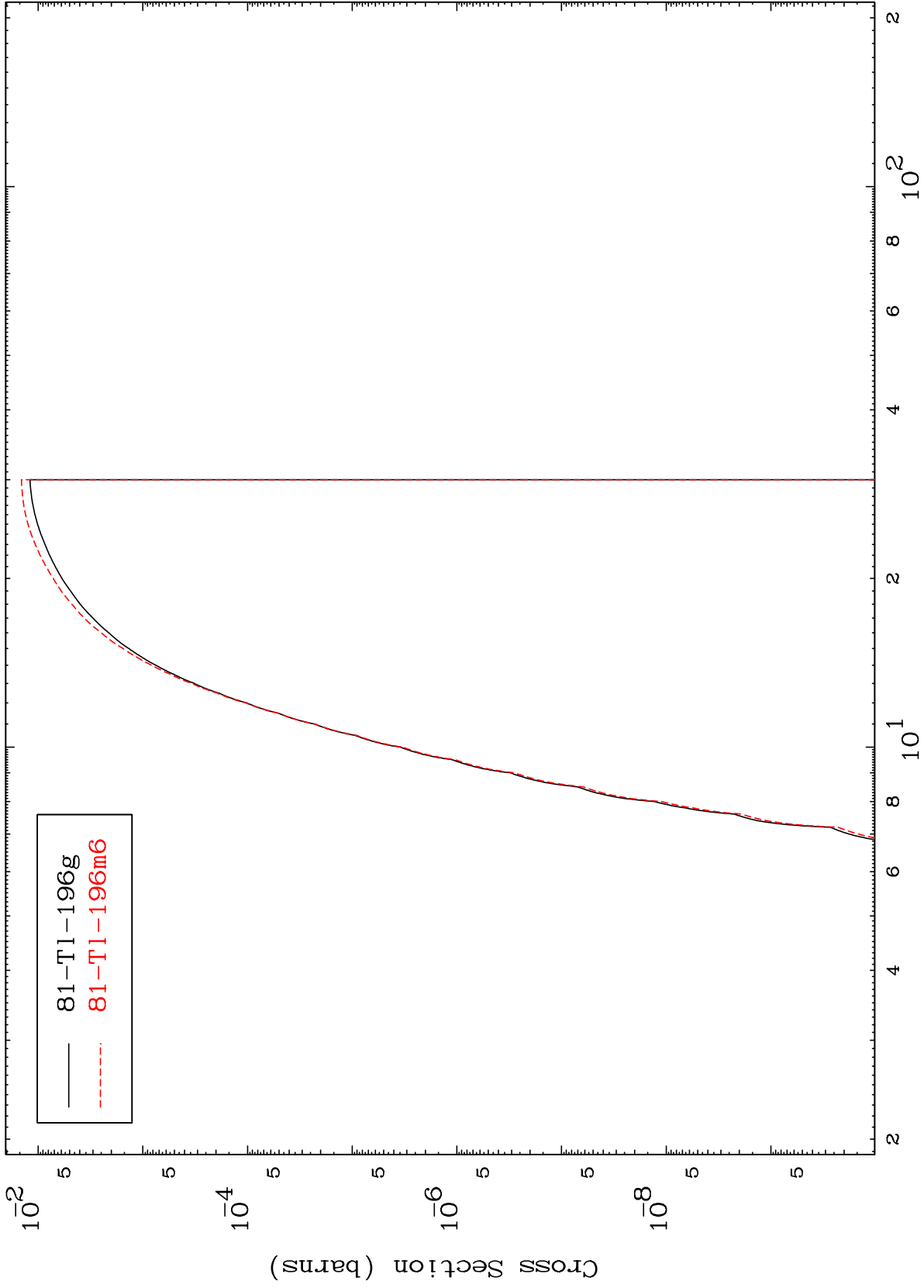
Incident Energy (MeV)

30

MAT 8205

82-Pb-197

(n,d)  
Radionuclide Production Cross Section

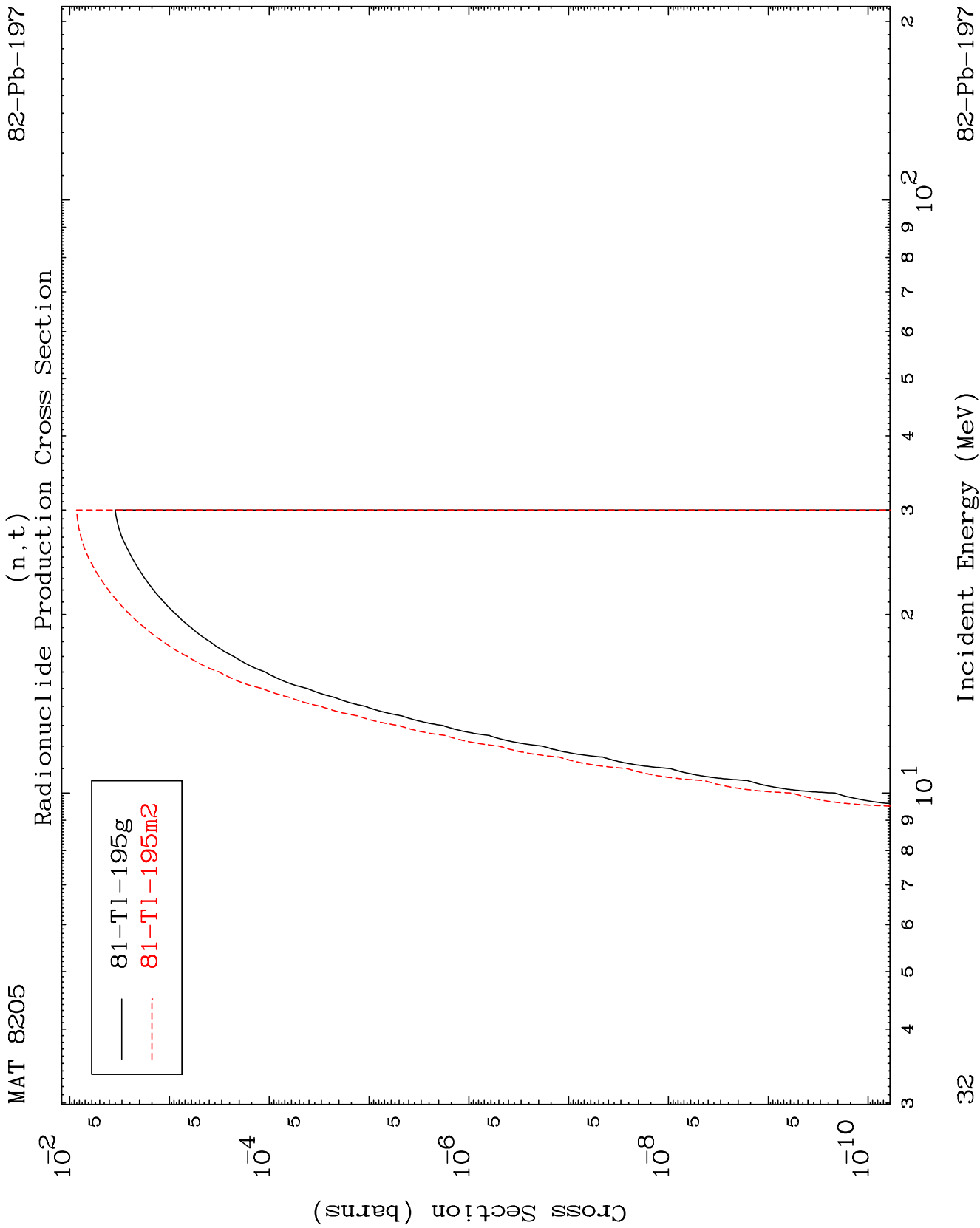


82-Pb-197

Incident Energy (MeV)

31



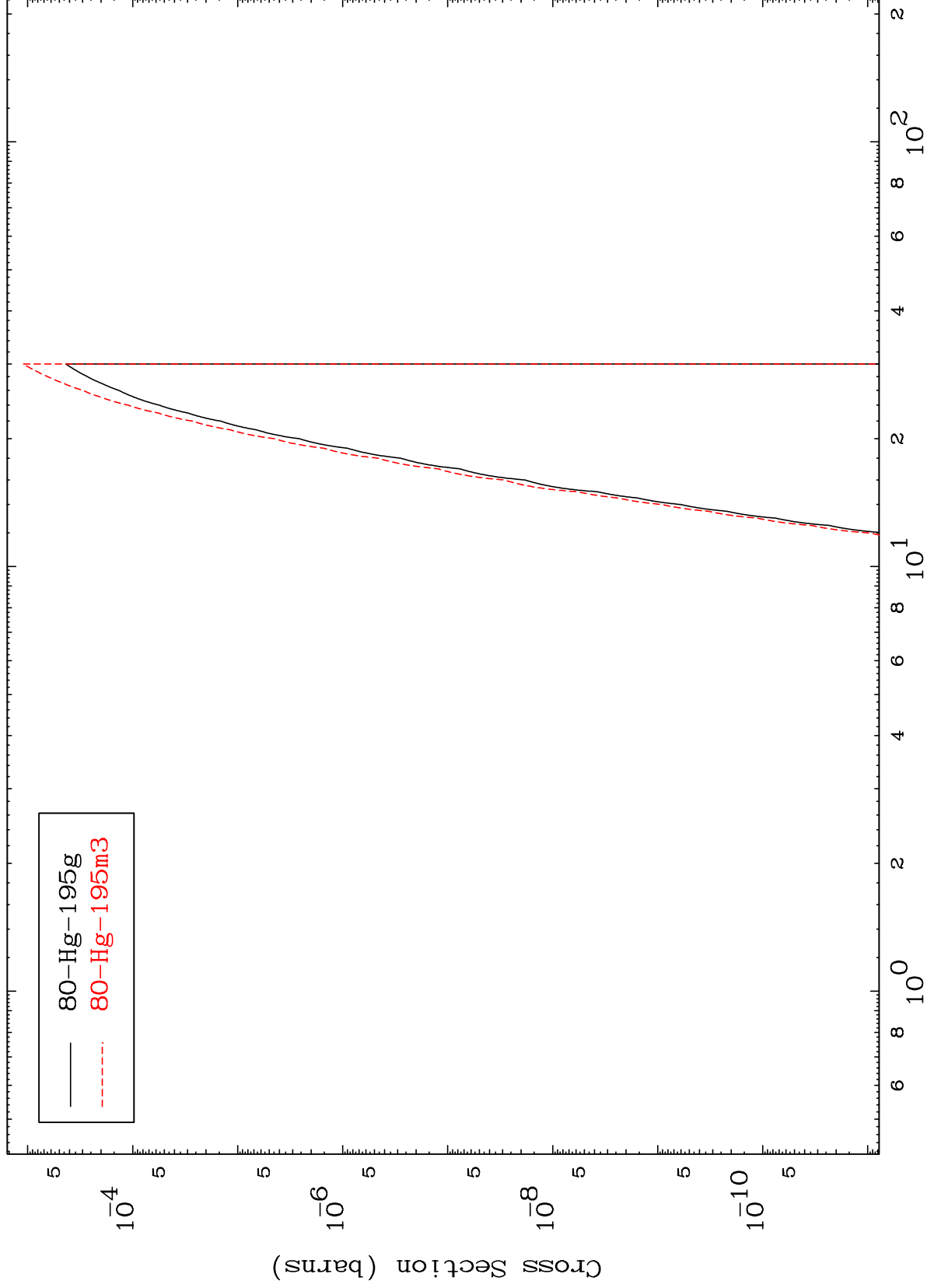


MAT 8205

(n,He-3)

82-Pb-197

Radionuclide Production Cross Section



33

Incident Energy (MeV)

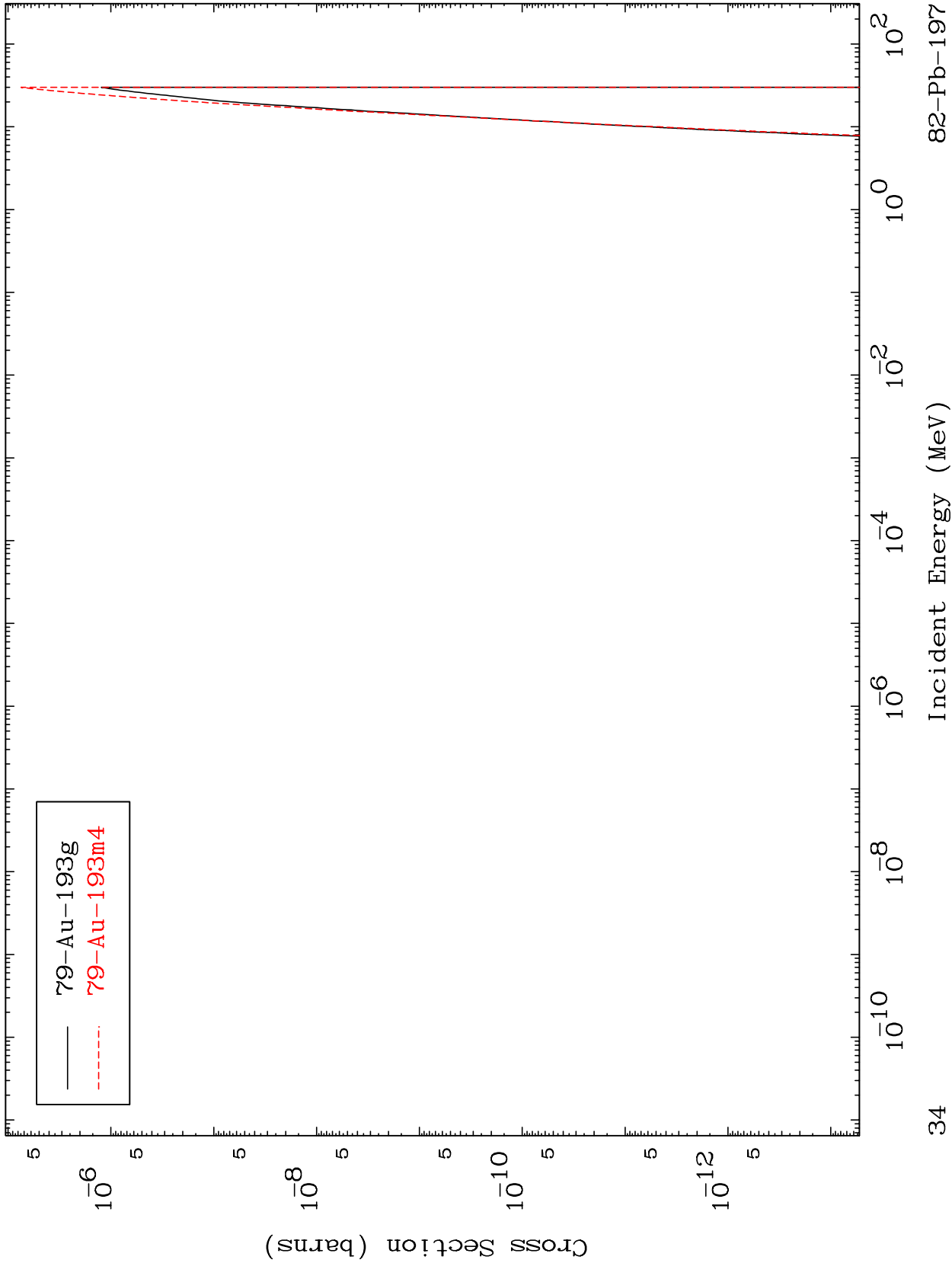
82-Pb-197

MAT 8205

(n,p)  $\alpha$

82-Pb-197

Radionuclide Production Cross Section

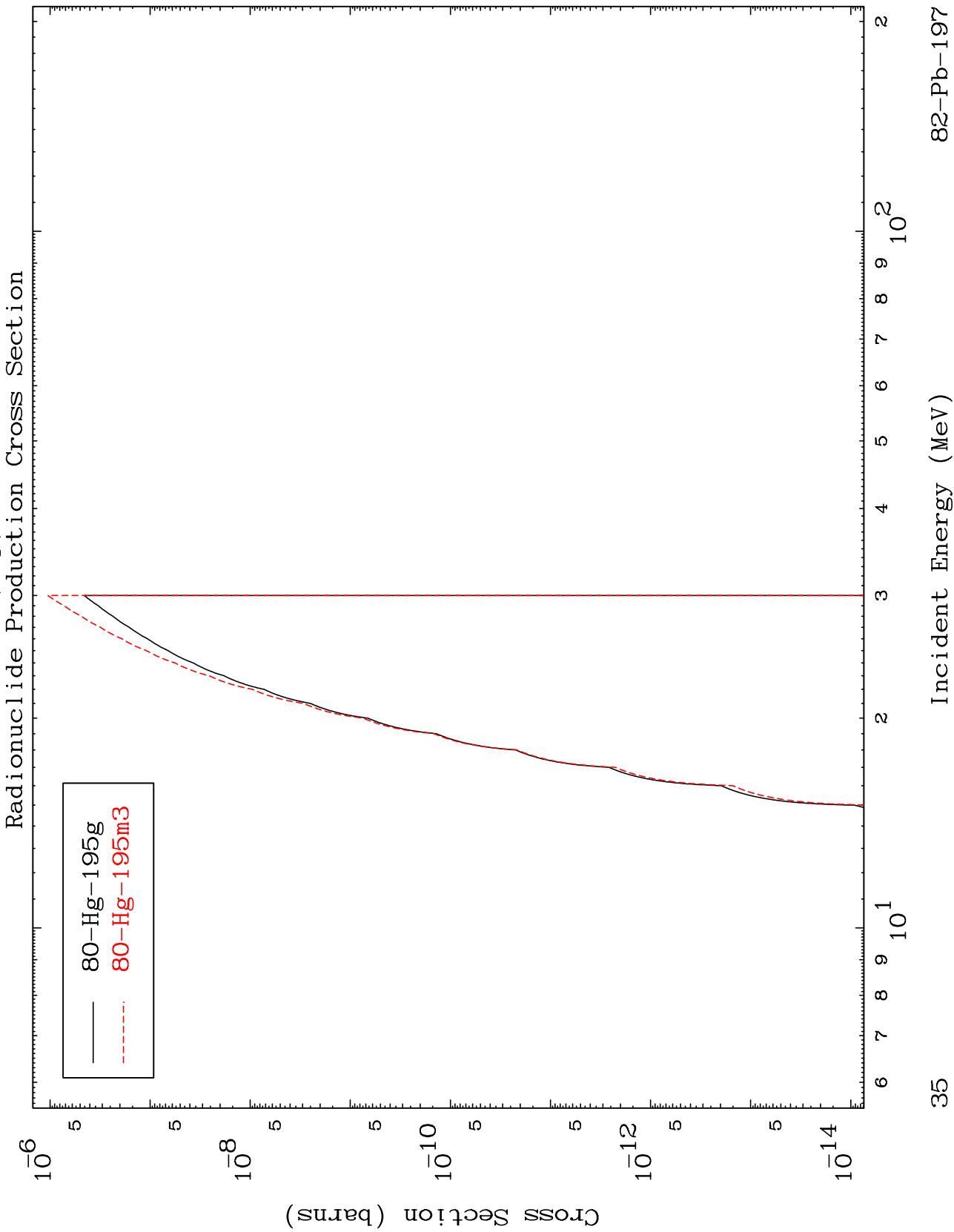


79-Au-193g  
79-Au-193m4

MAT 8205

(n,p) d

82-Pb-197



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

MAT 8205

(n,d)  $\alpha$

82-Pb-197

Radionuclide Production Cross Section

