

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

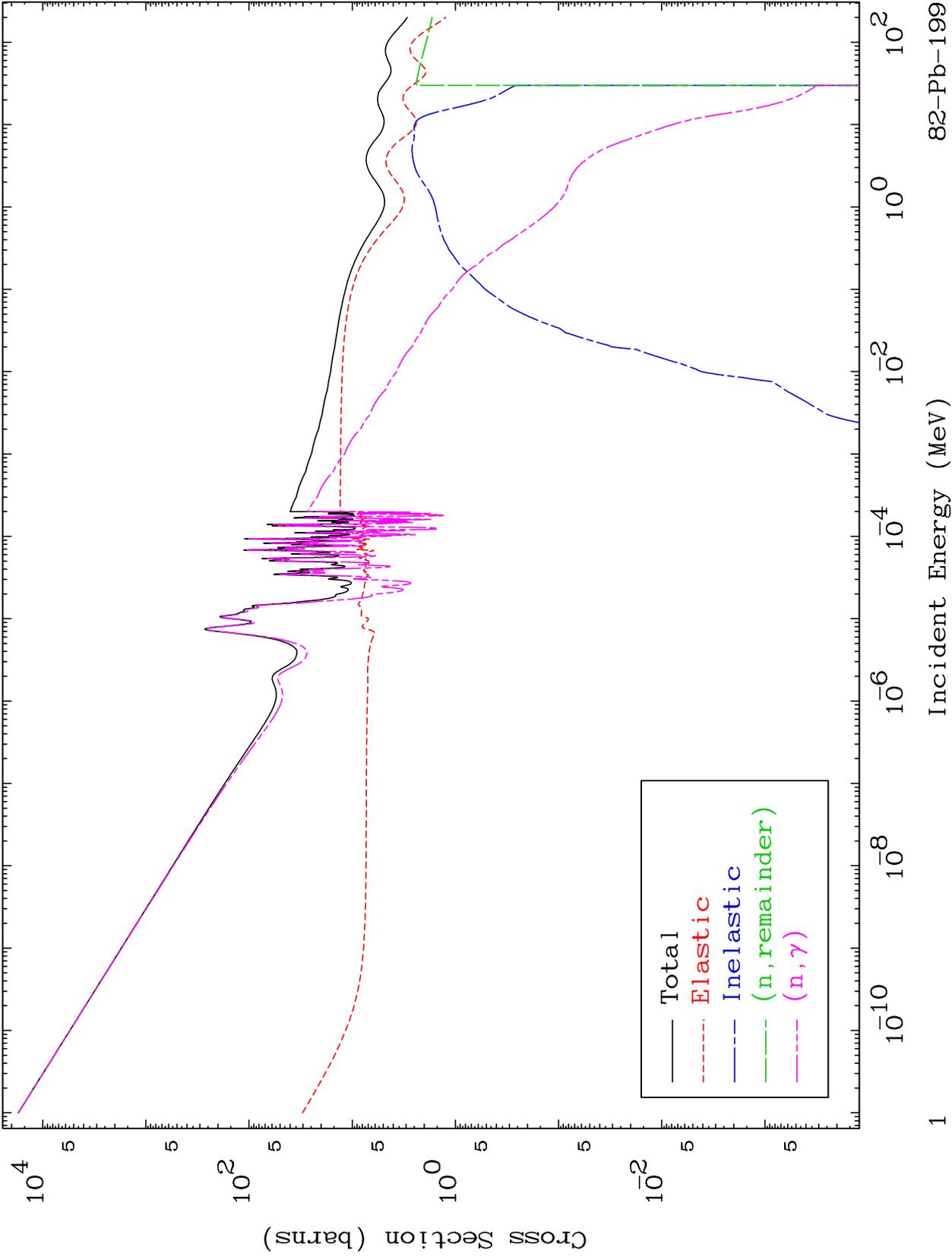
Press Mouse Button to Start

MAT 8211

Major

293 Kelvin Cross Sections

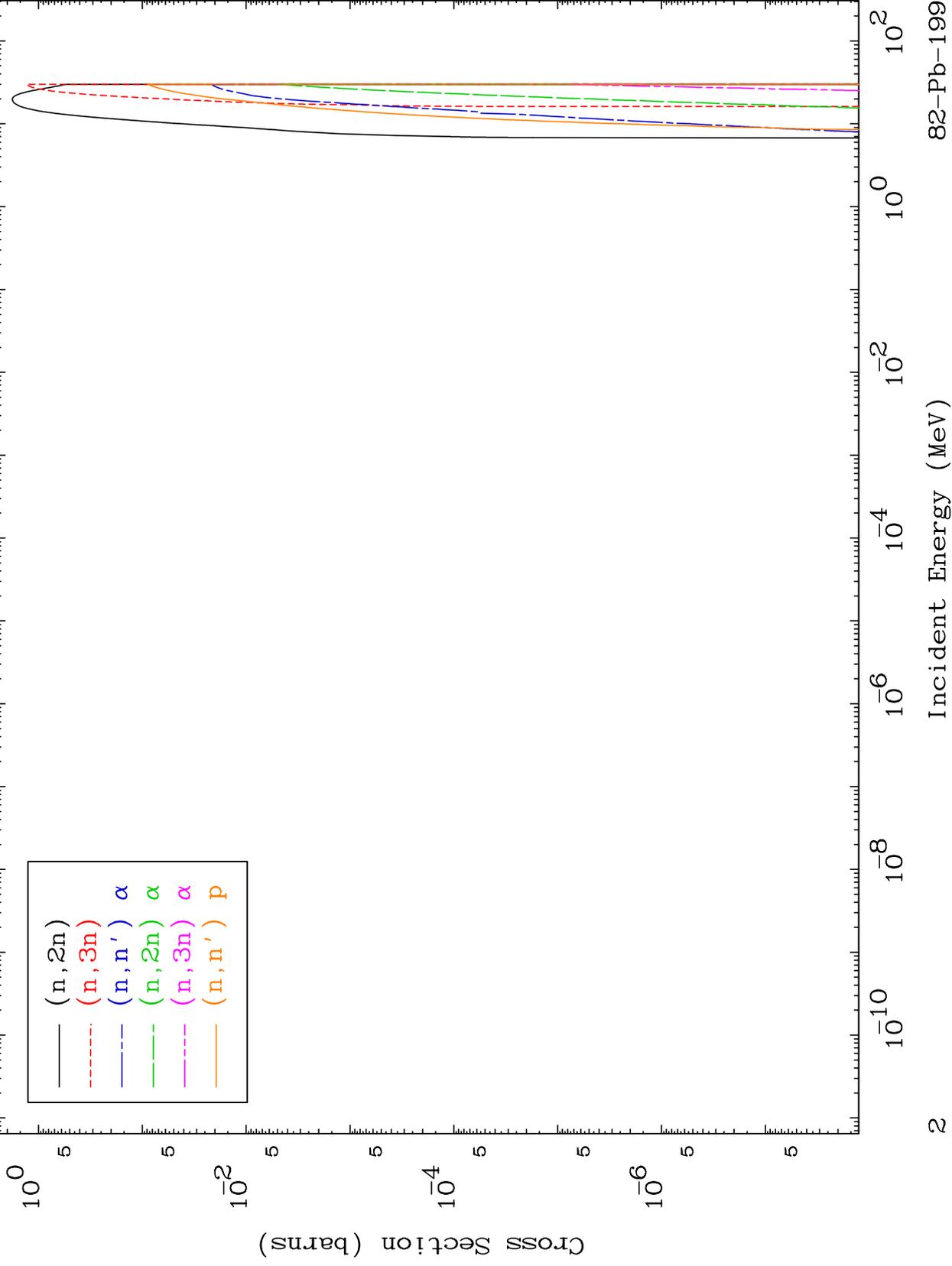
82-Pb-199

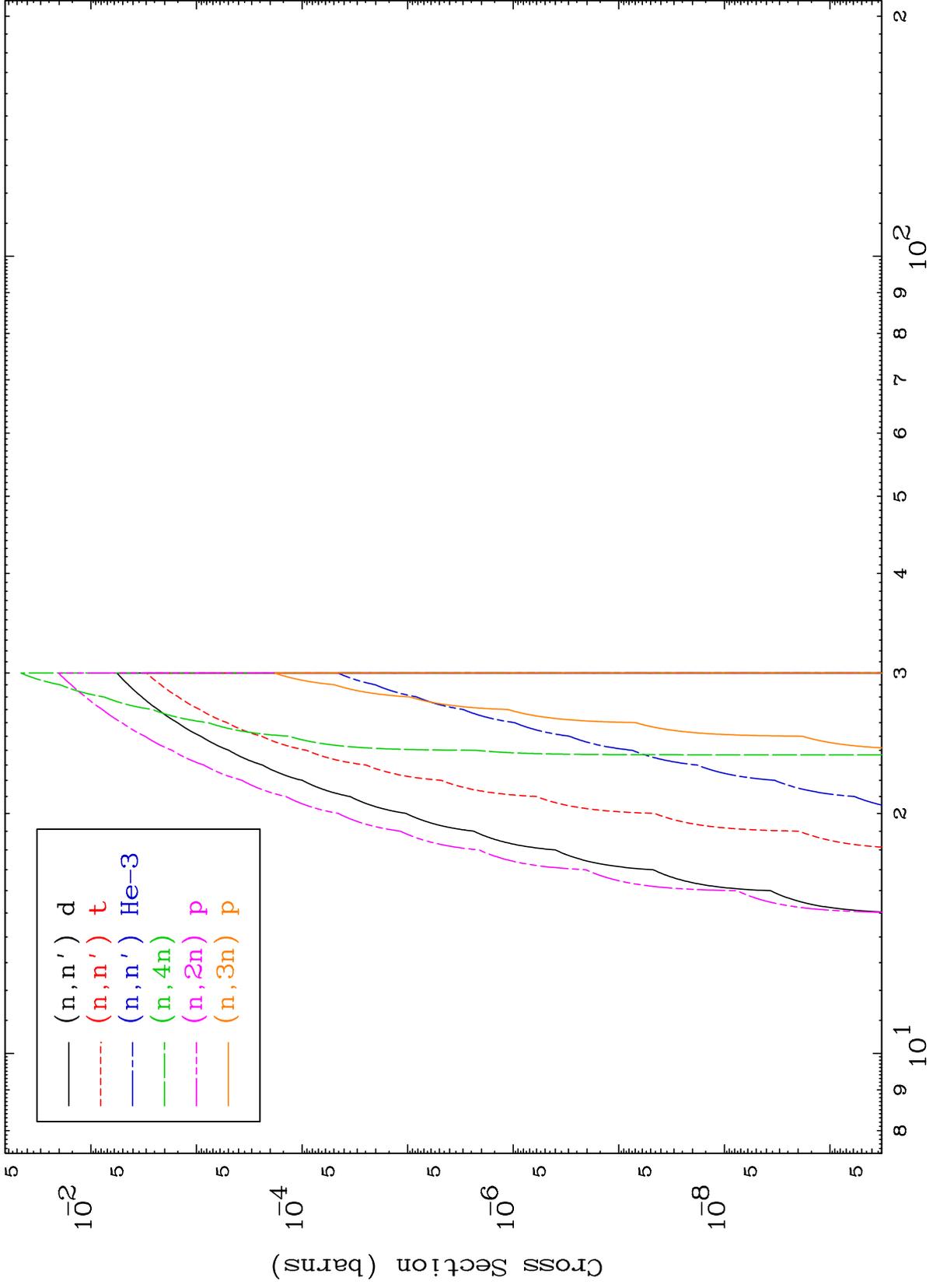


MAT 8211

Neutron Production  
293 Kelvin Cross Sections

82-Pb-199

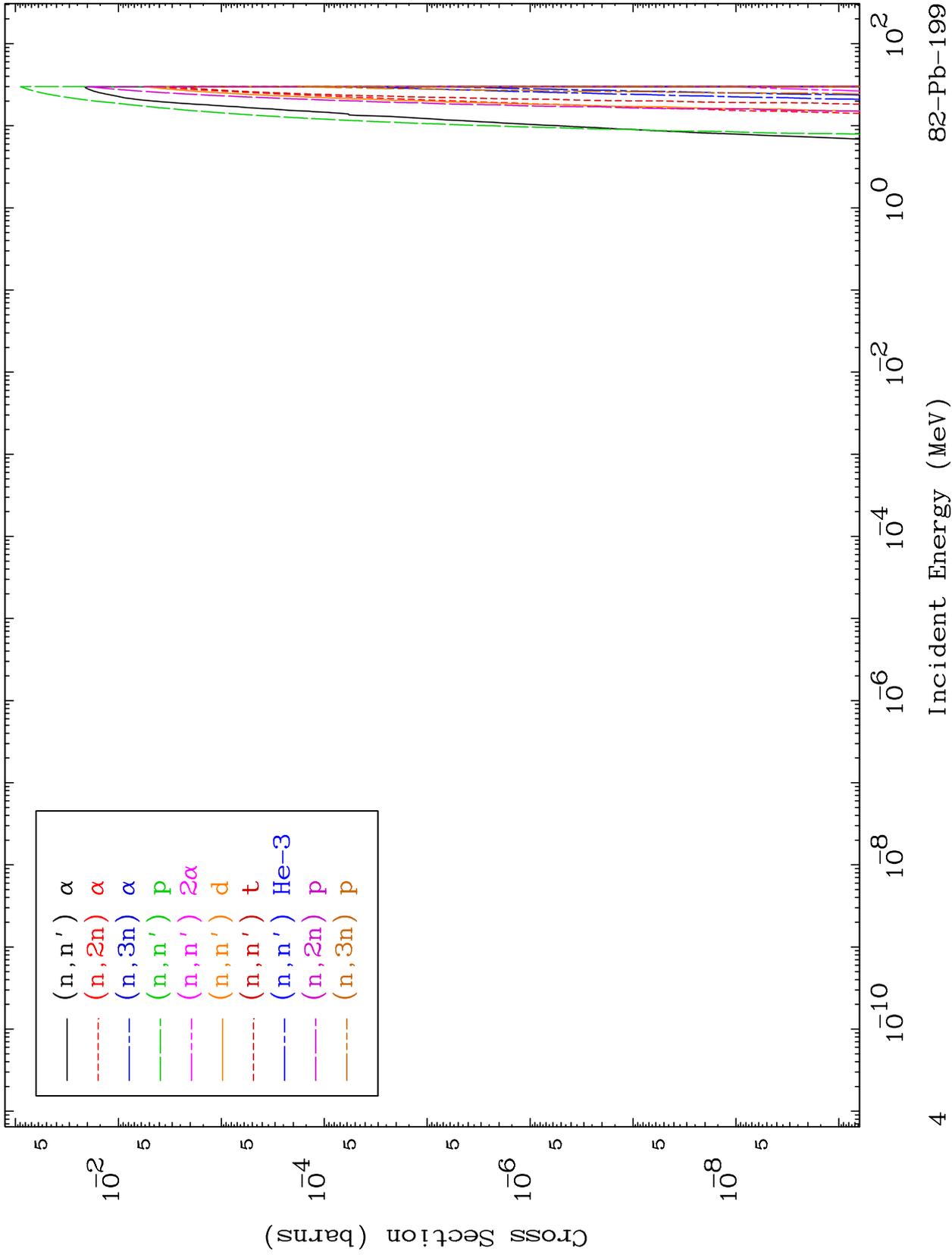




MAT 8211

Charged Particle  
293 Kelvin Cross Sections

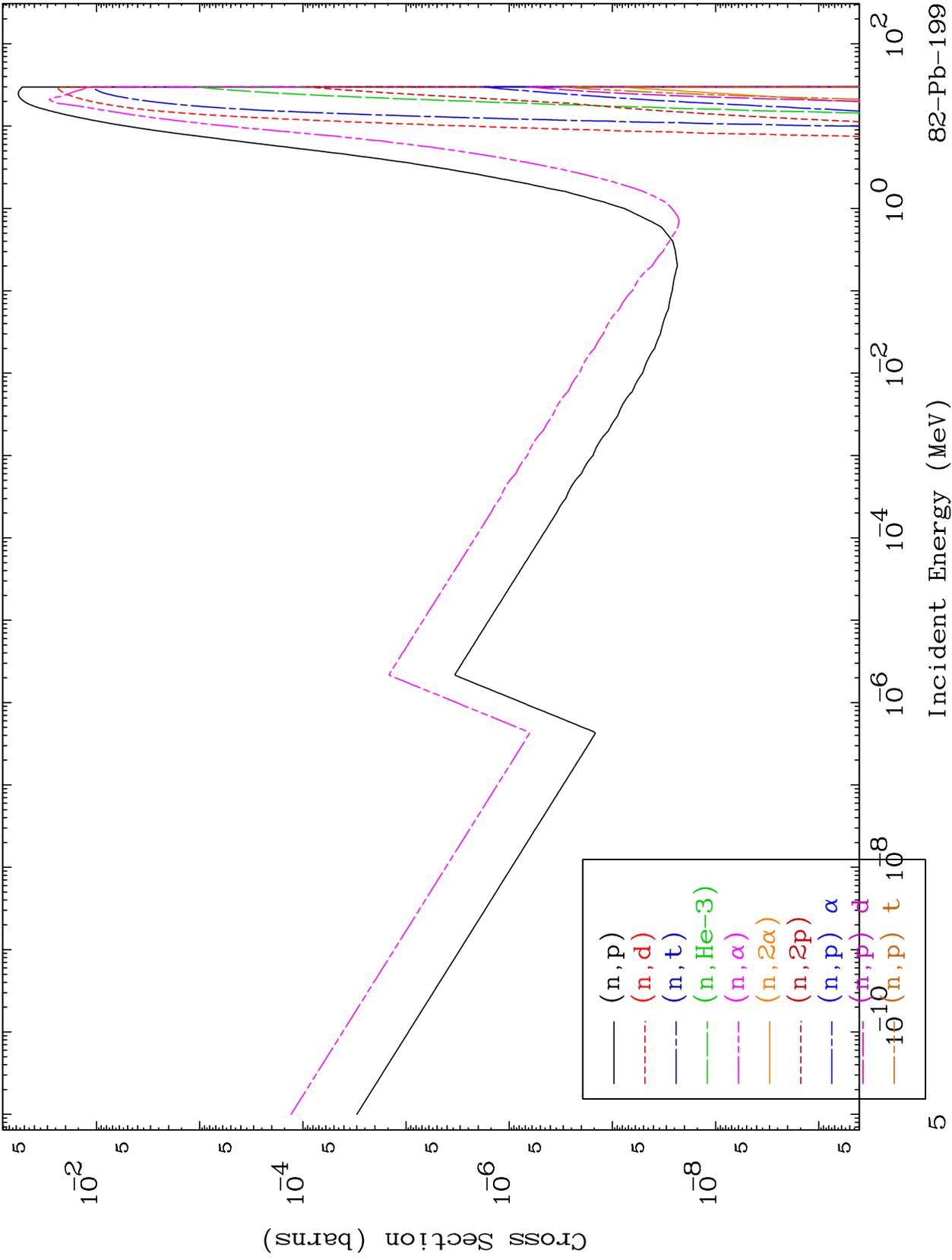
82-Pb-199

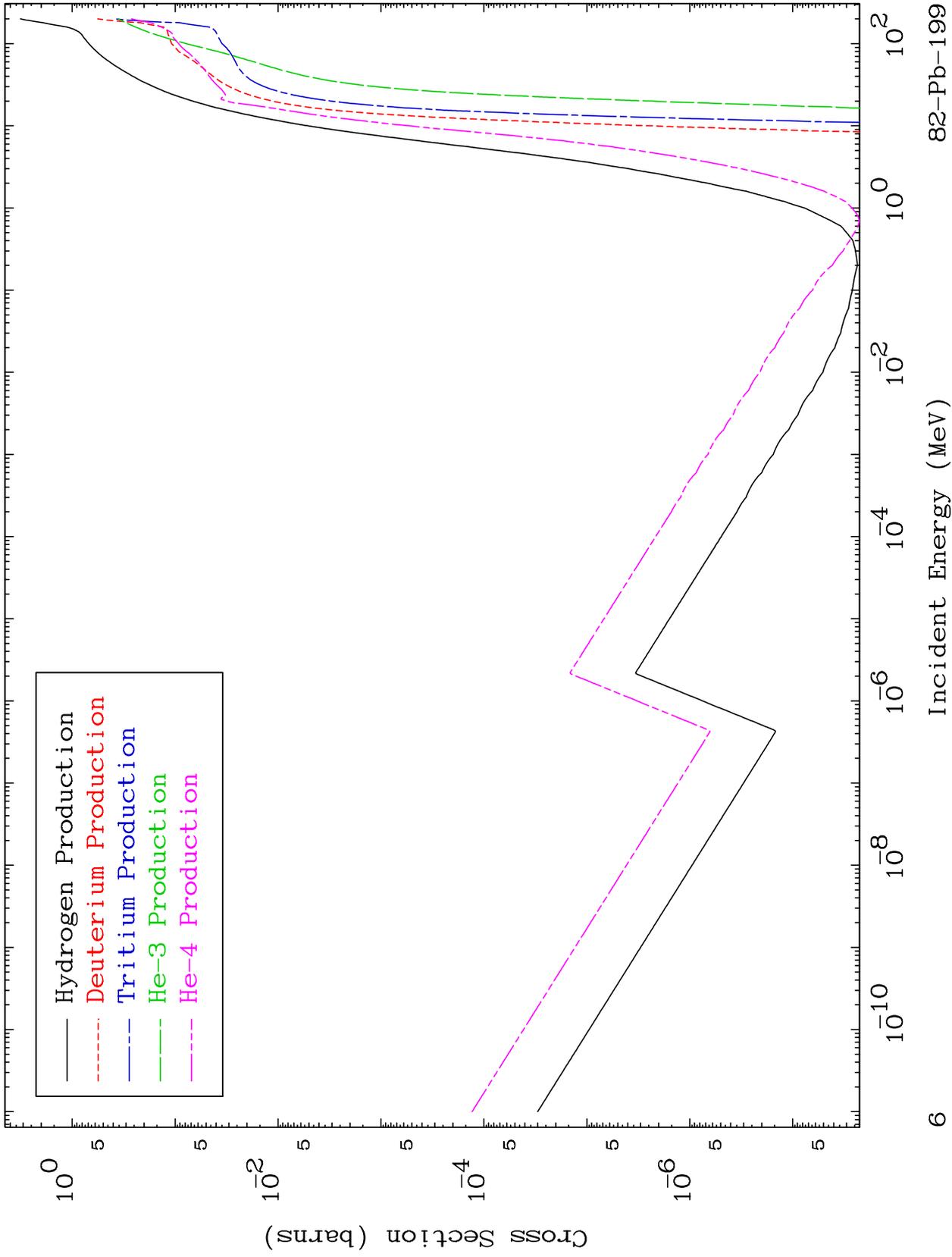


MAT 8211

Charged Particle  
293 Kelvin Cross Sections

82-Pb-199

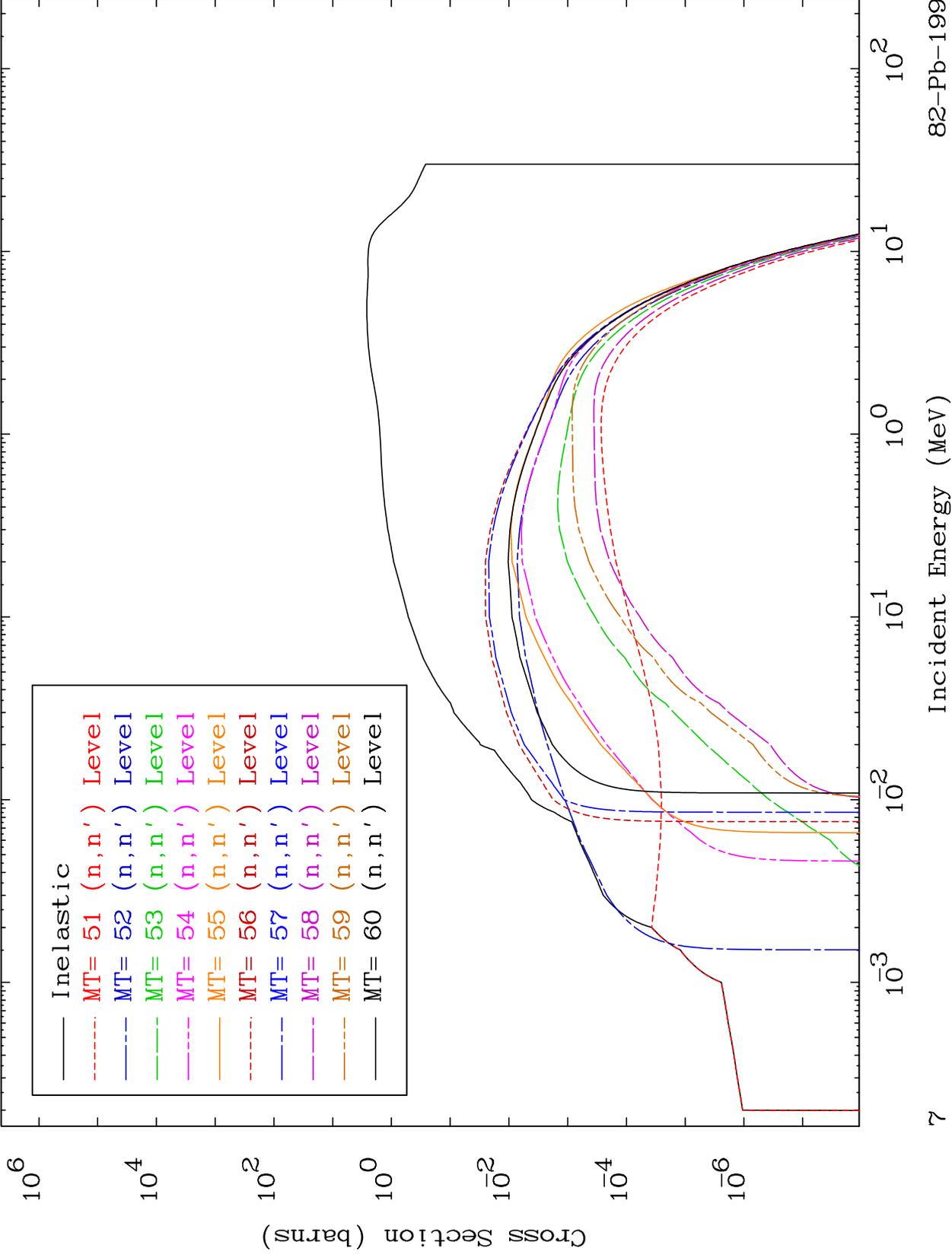




MAT 8211

(n,n') Level  
293 Kelvin Cross Sections

82-Pb-199

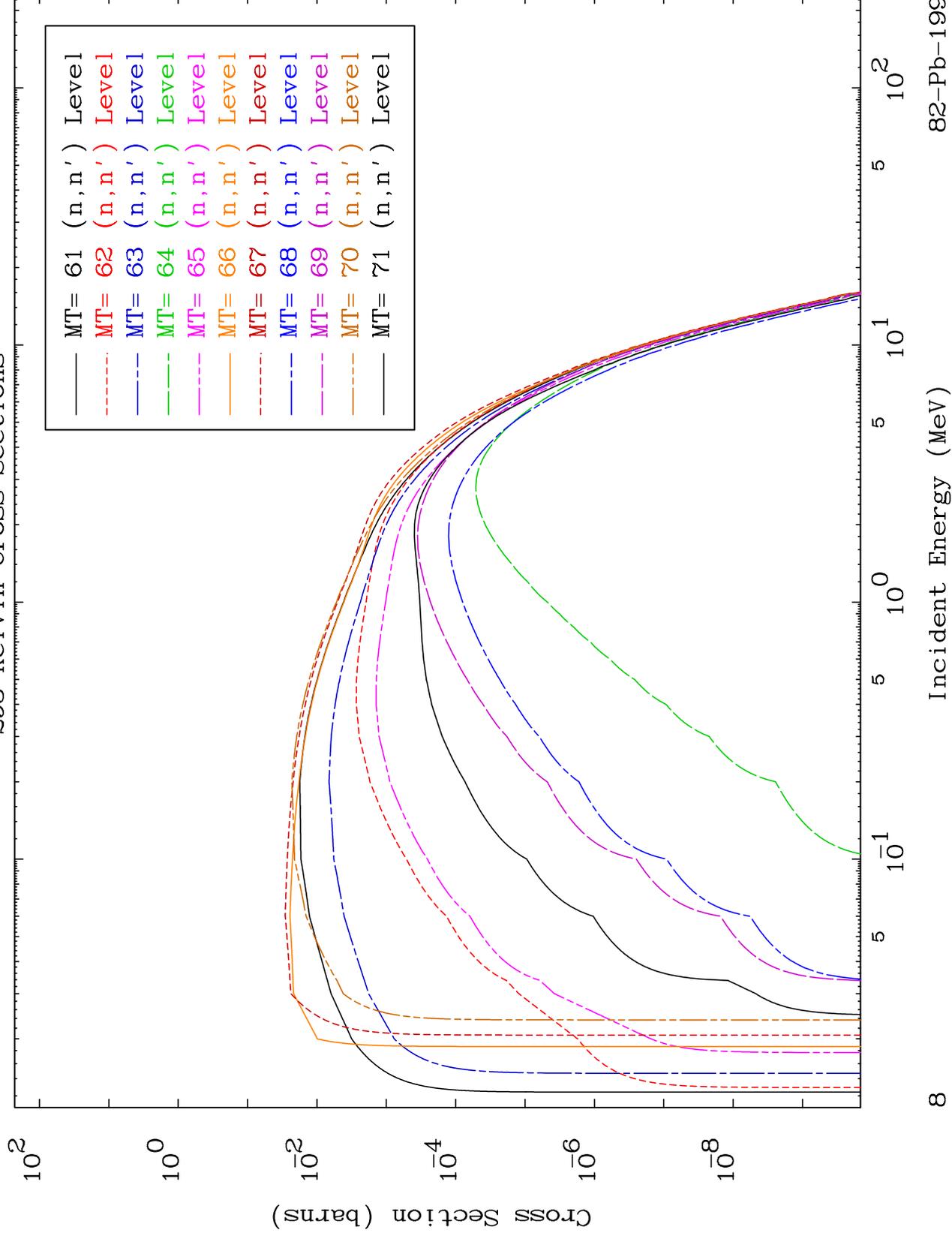


MAT 8211

(n,n') Level

82-Pb-199

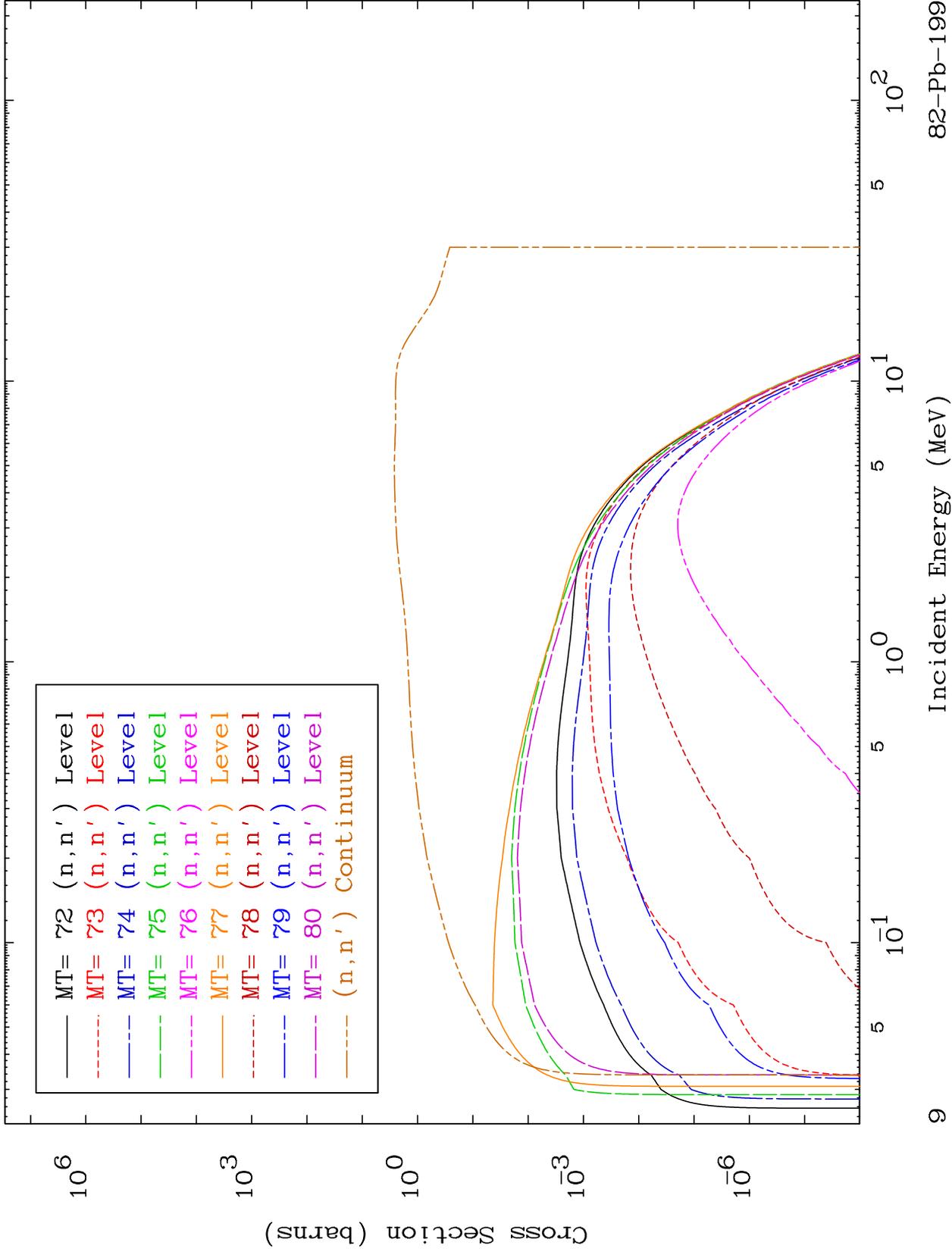
293 Kelvin Cross Sections



8

Incident Energy (MeV)

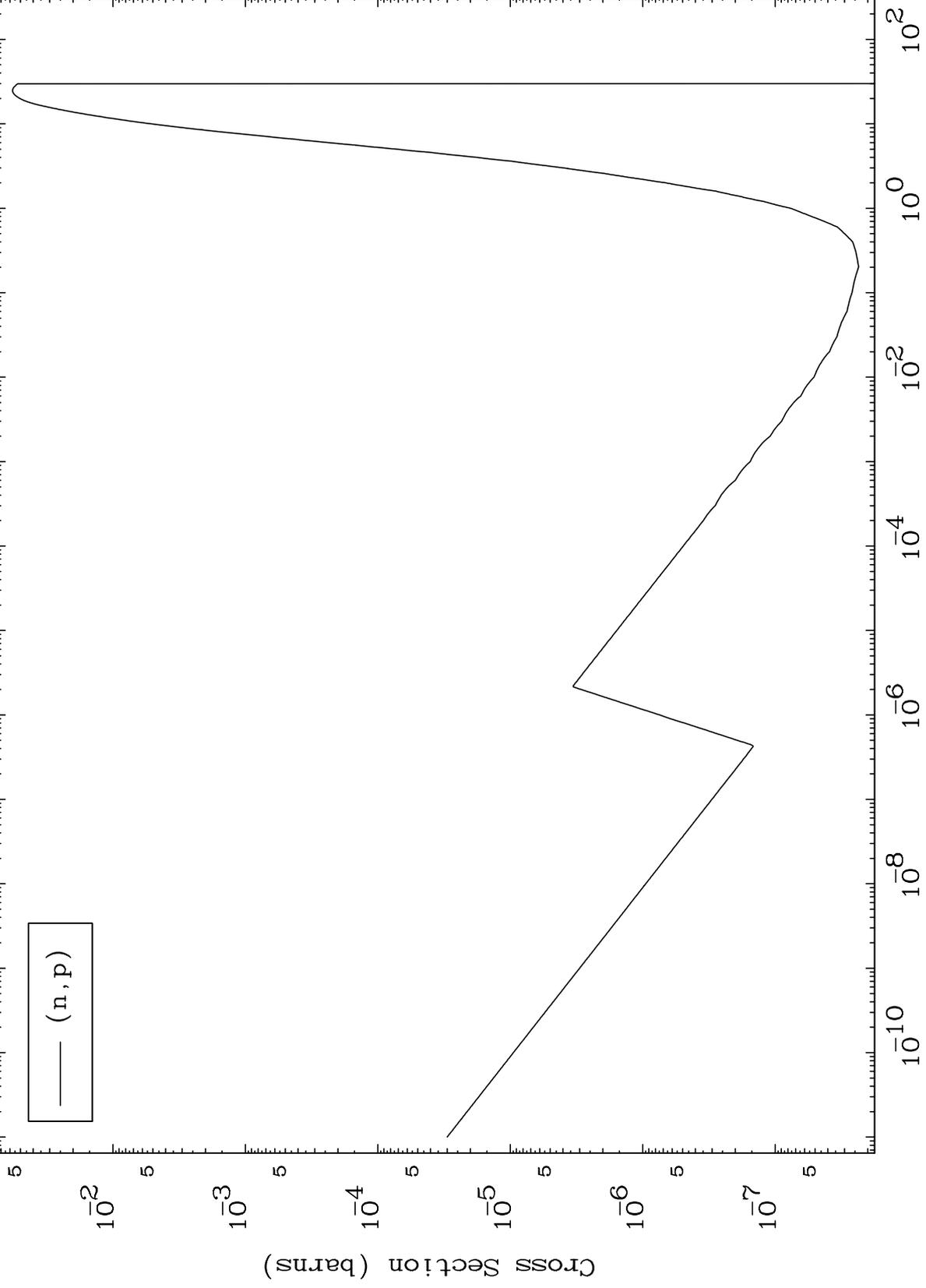
82-Pb-199



MAT 8211

(n,p) Levels  
293 Kelvin Cross Sections

82-Pb-199



10

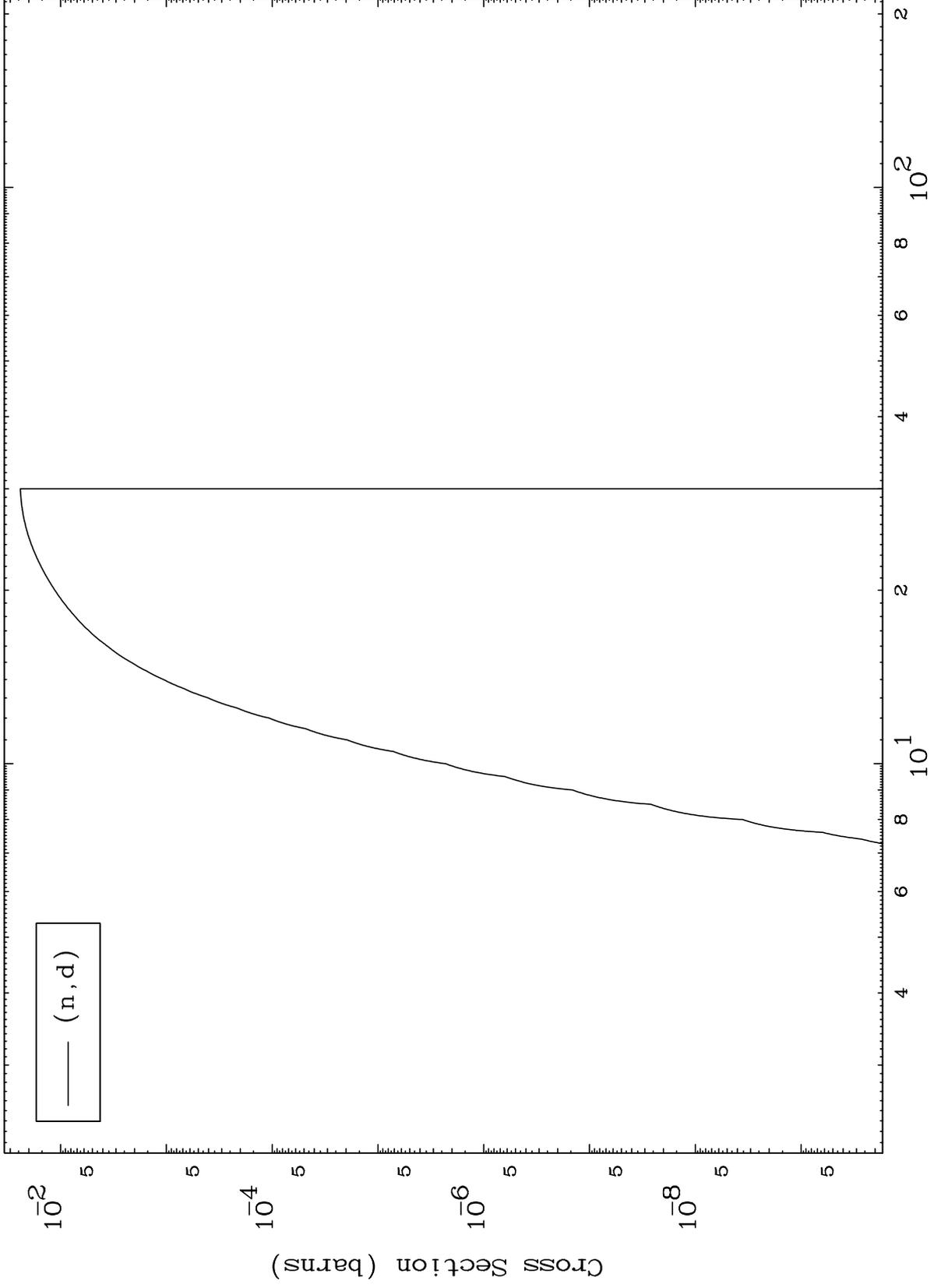
Incident Energy (MeV)

82-Pb-199

MAT 8211

(n,d) Levels  
293 Kelvin Cross Sections

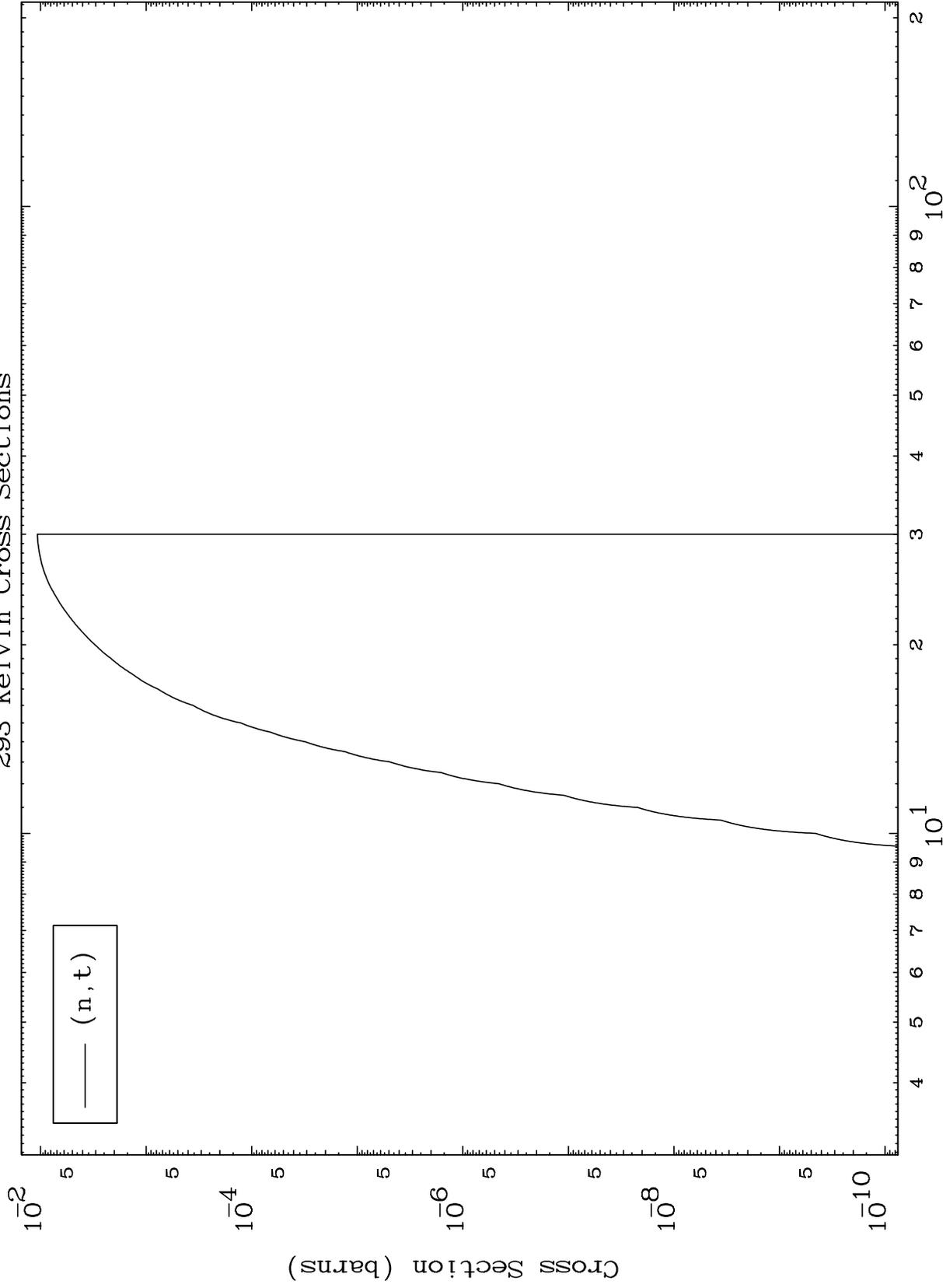
82-Pb-199



MAT 8211

(n,t) Levels  
293 Kelvin Cross Sections

82-Pb-199



12

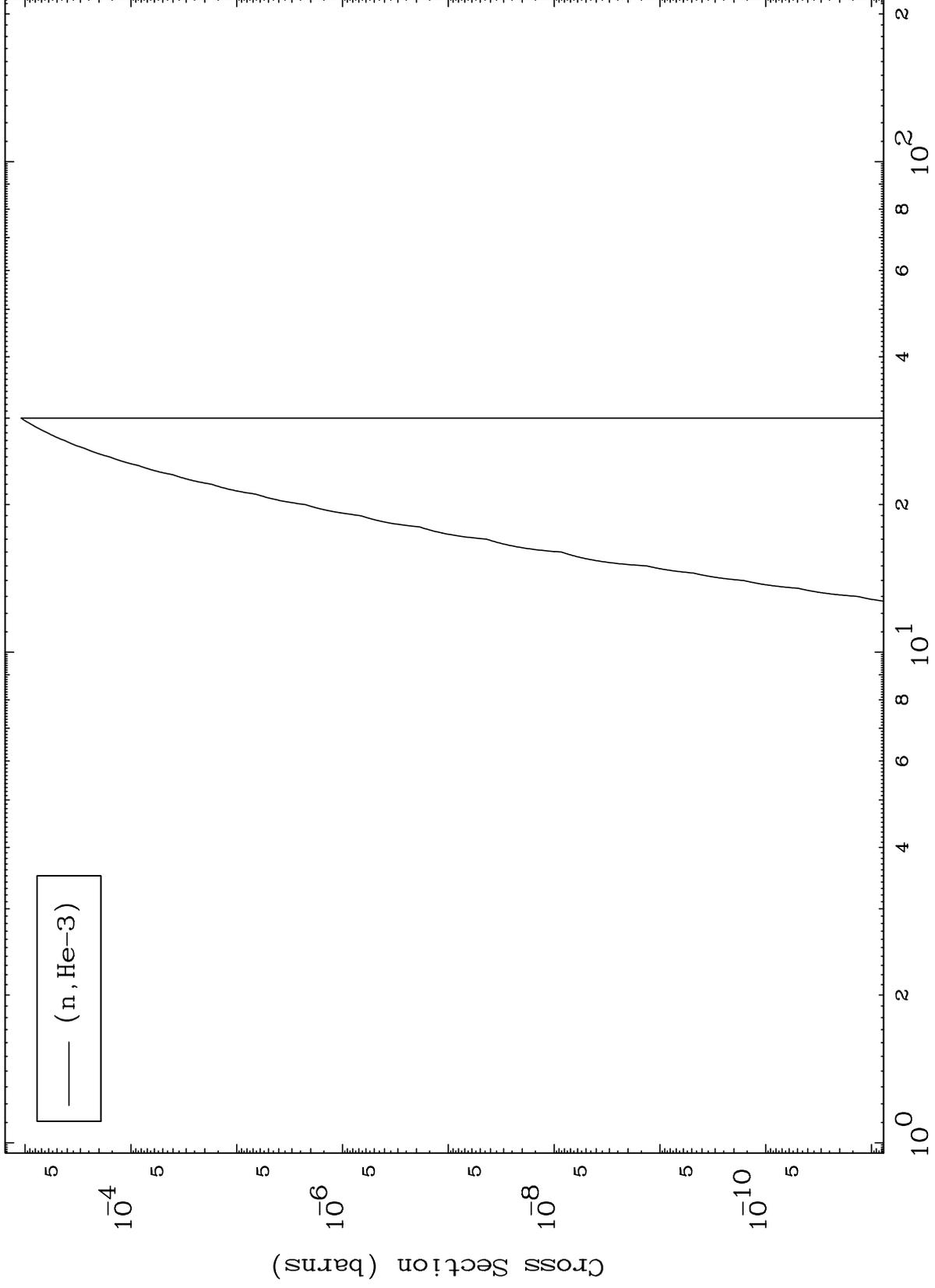
Incident Energy (MeV)

82-Pb-199

MAT 8211

(n,He3) Levels  
293 Kelvin Cross Sections

82-Pb-199



13

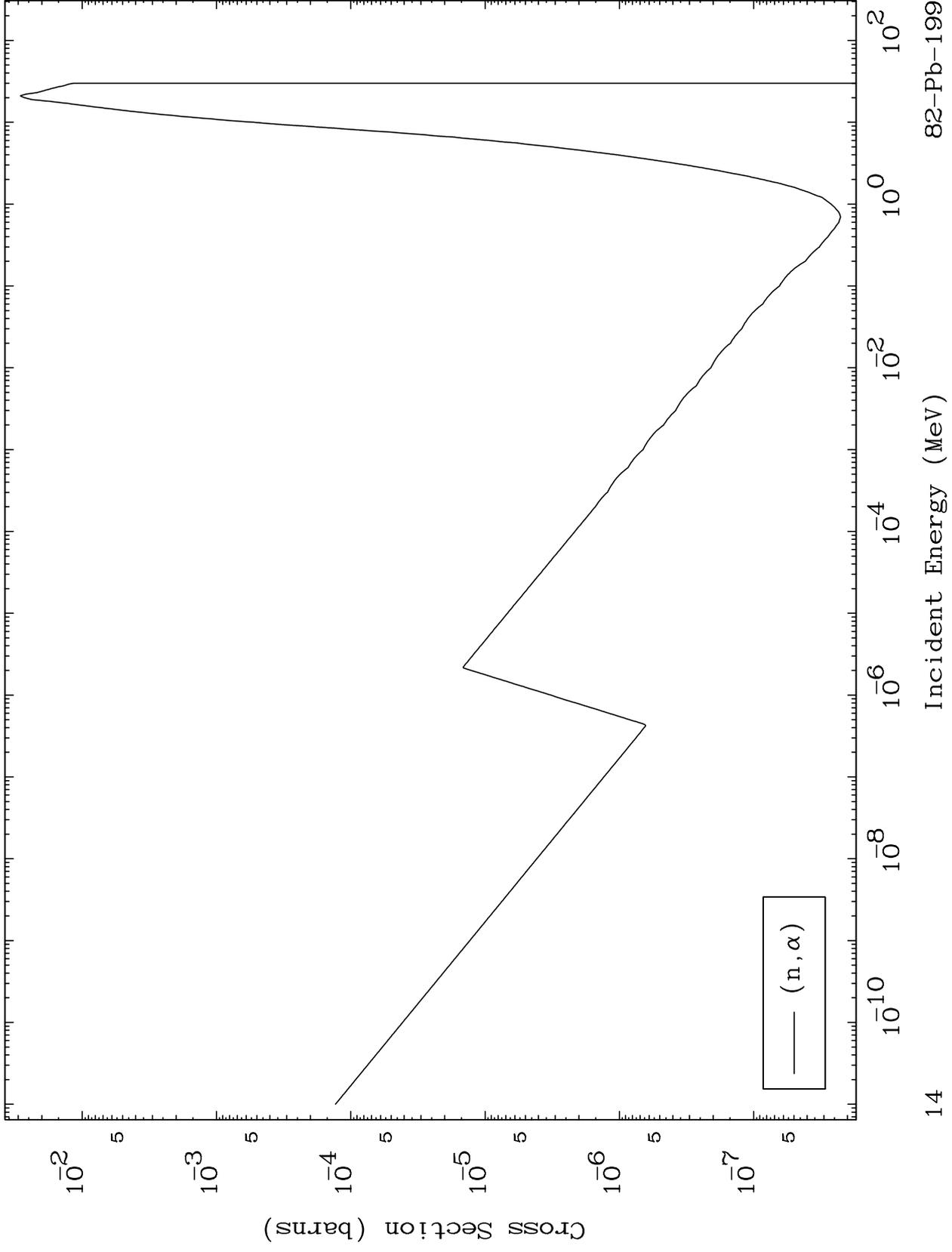
Incident Energy (MeV)

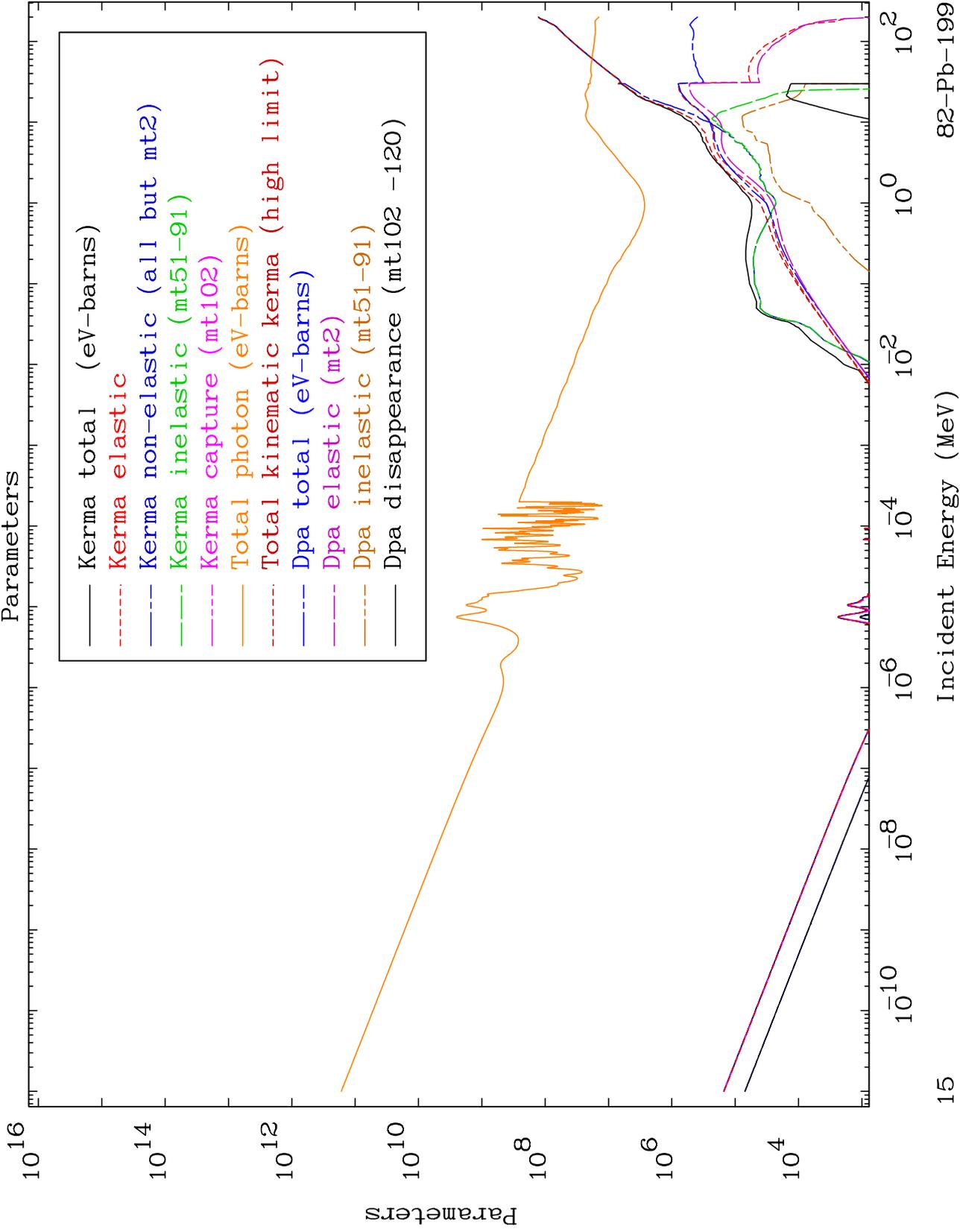
82-Pb-199

MAT 8211

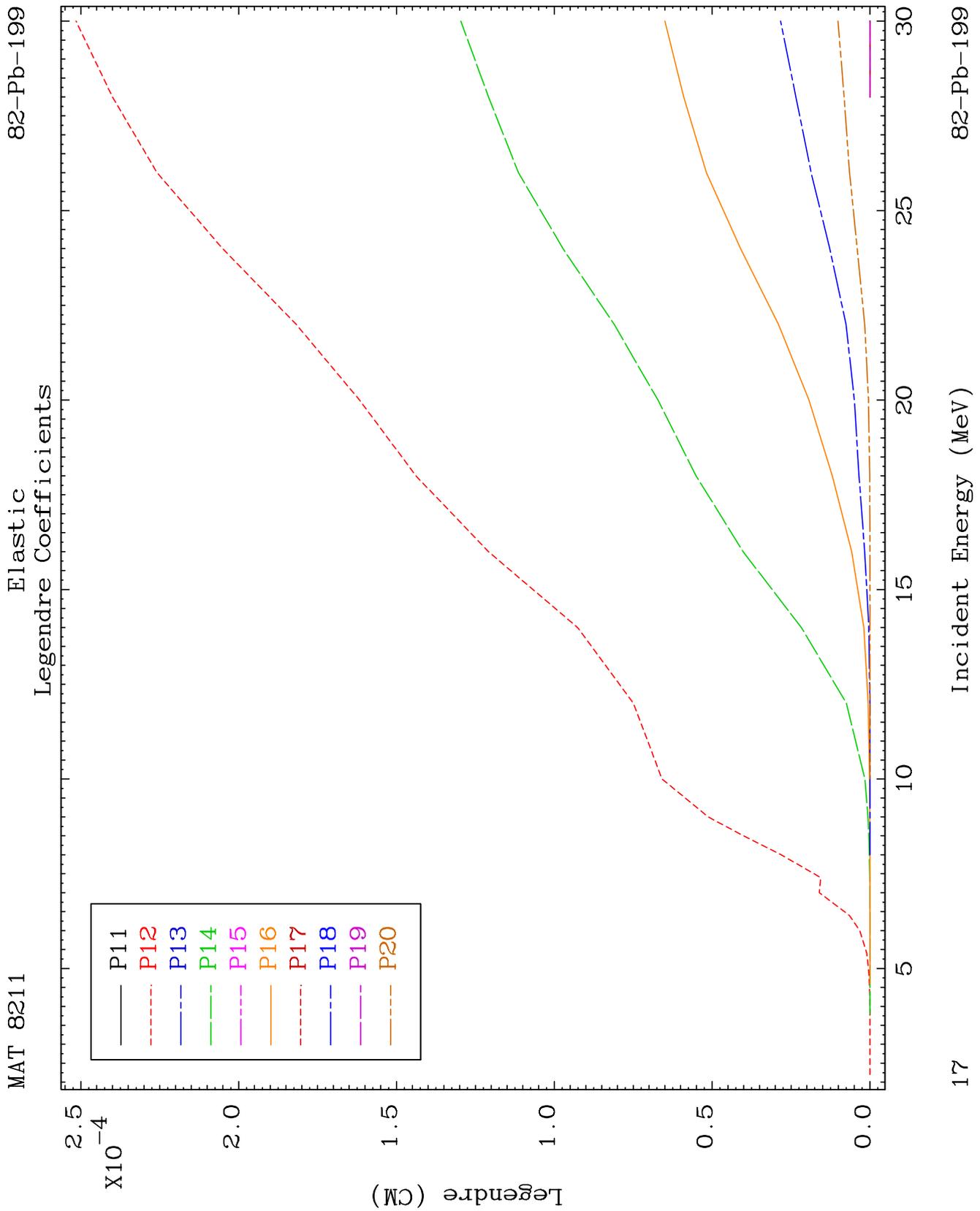
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

82-Pb-199









MAT 8211

Elastic  
Legendre Coefficients

82-Pb-199



18

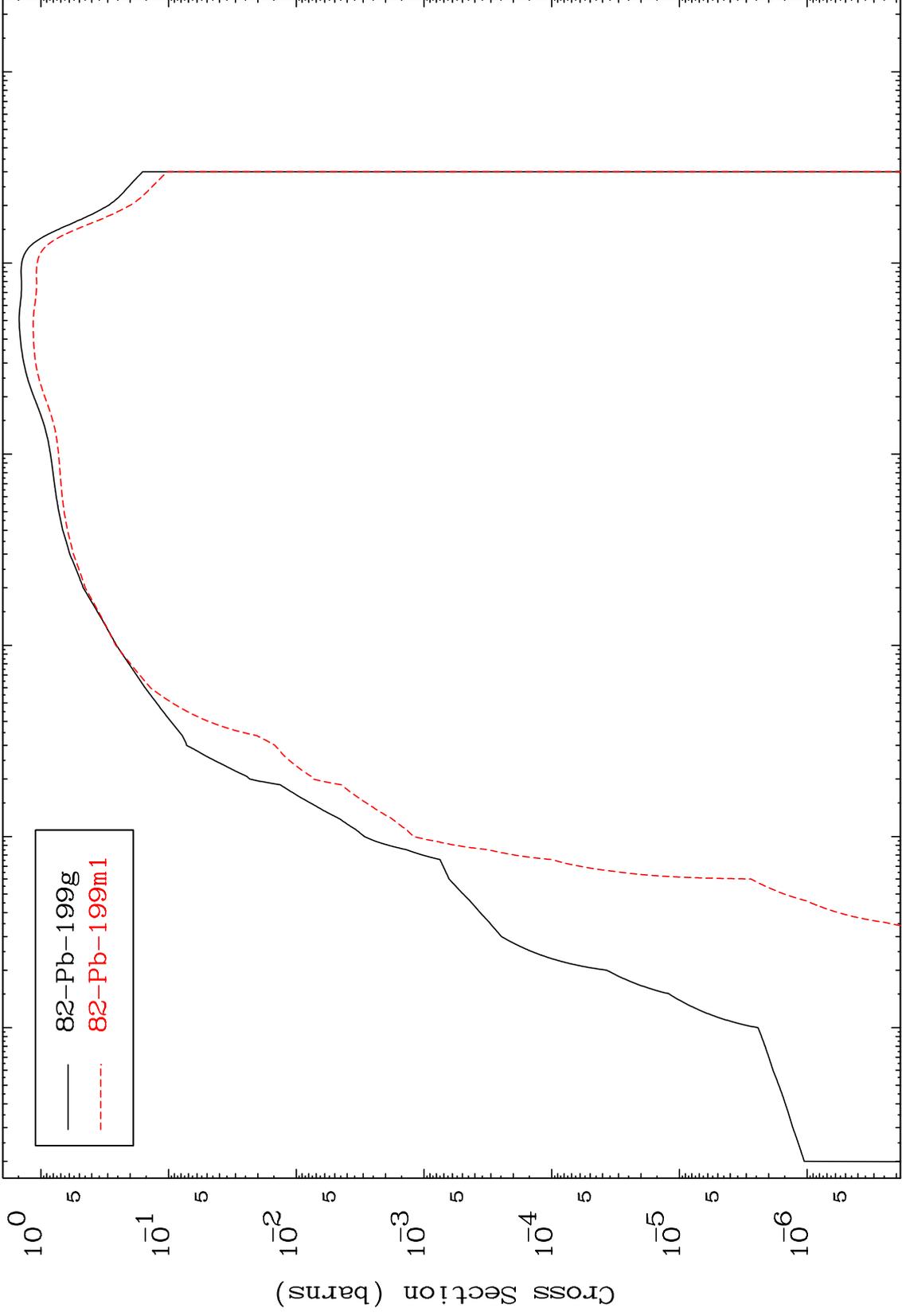
Incident Energy (MeV)

82-Pb-199

MAT 8211

82-Pb-199

Inelastic  
Radionuclide Production Cross Section



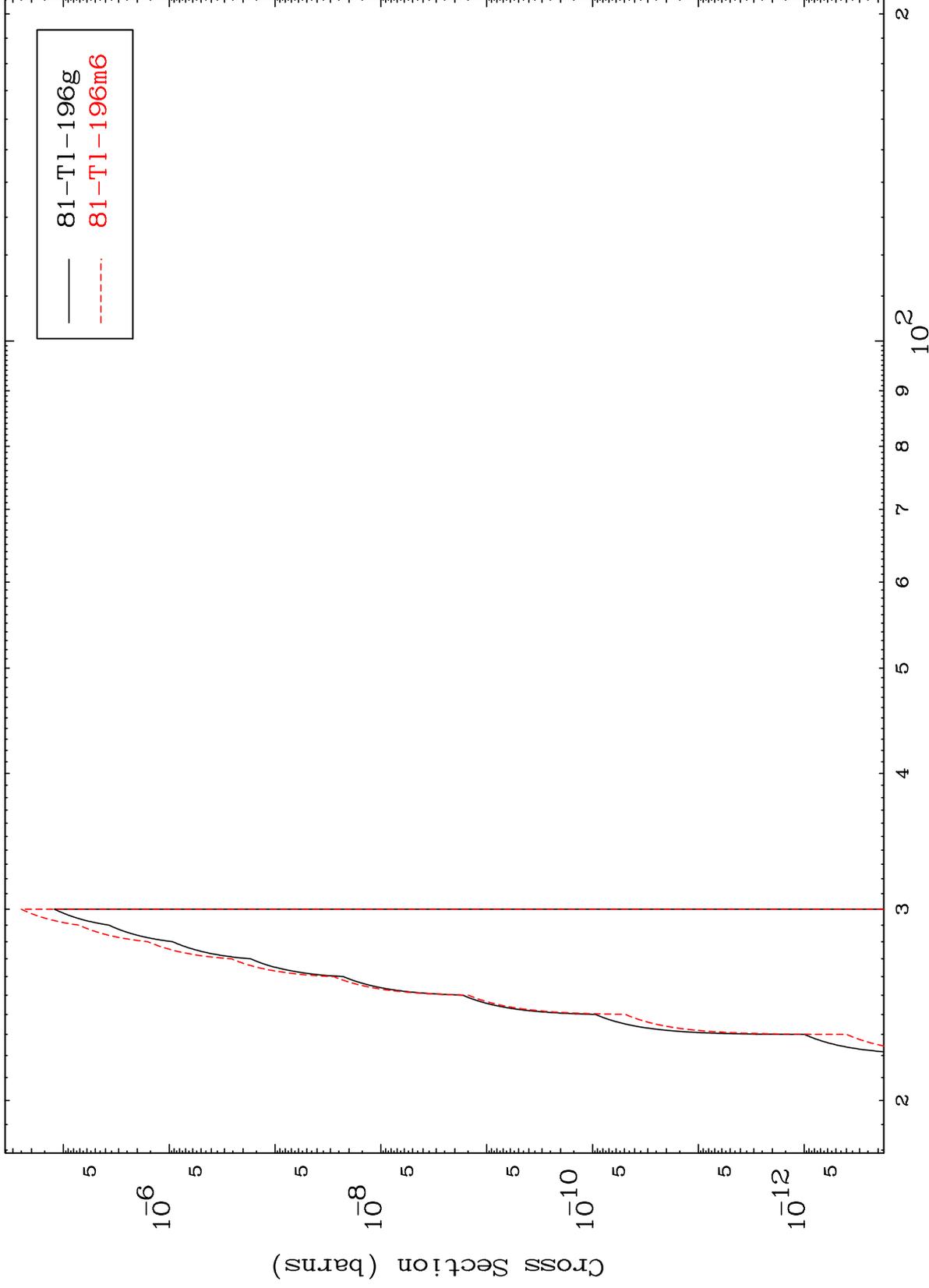
— 82-Pb-199g  
- - - 82-Pb-199m1

MAT 8211

(n,2n) d

82-Pb-199

Radionuclide Production Cross Section

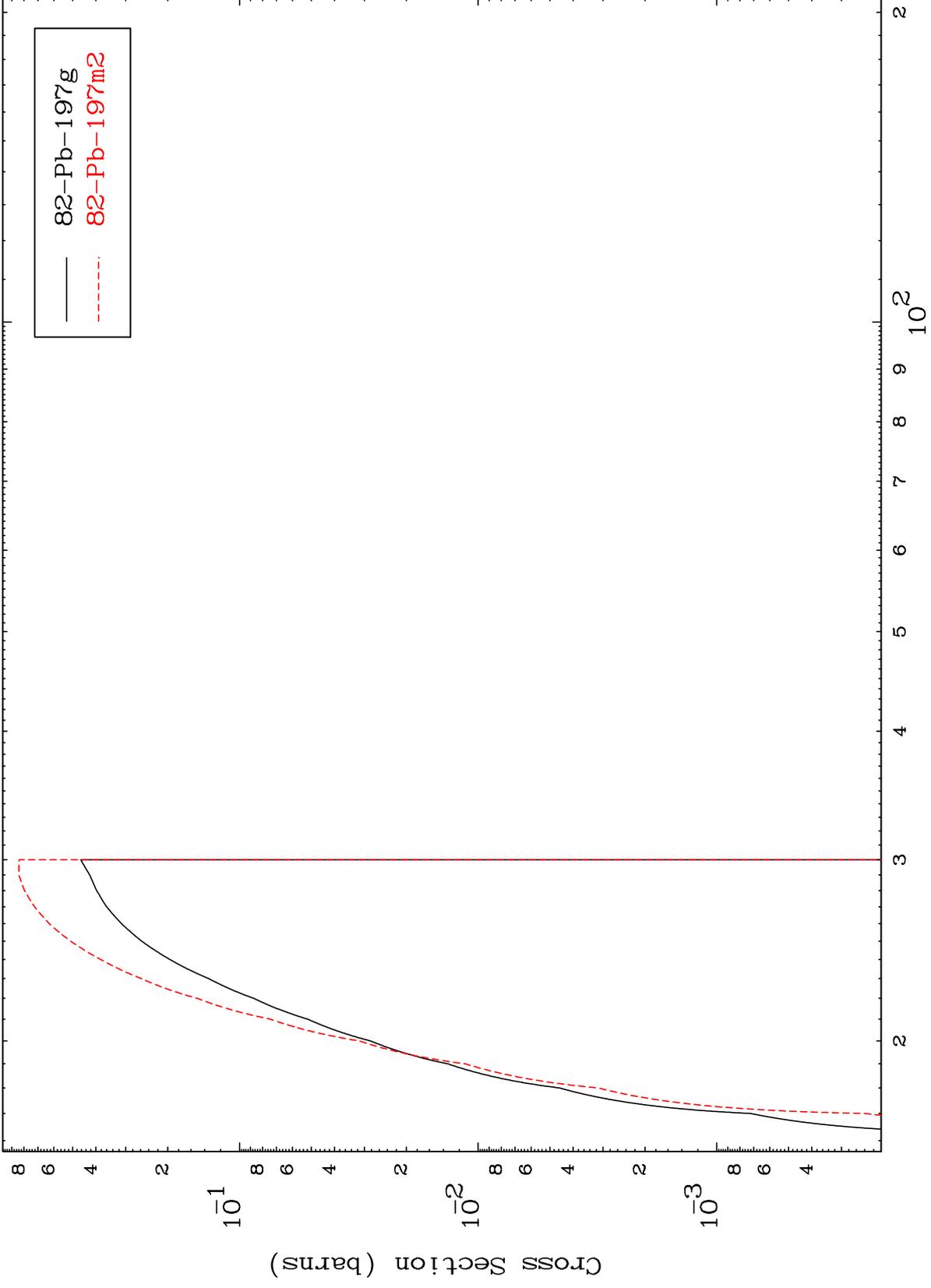


20

Incident Energy (MeV)

82-Pb-199

Radionuclide Production Cross Section

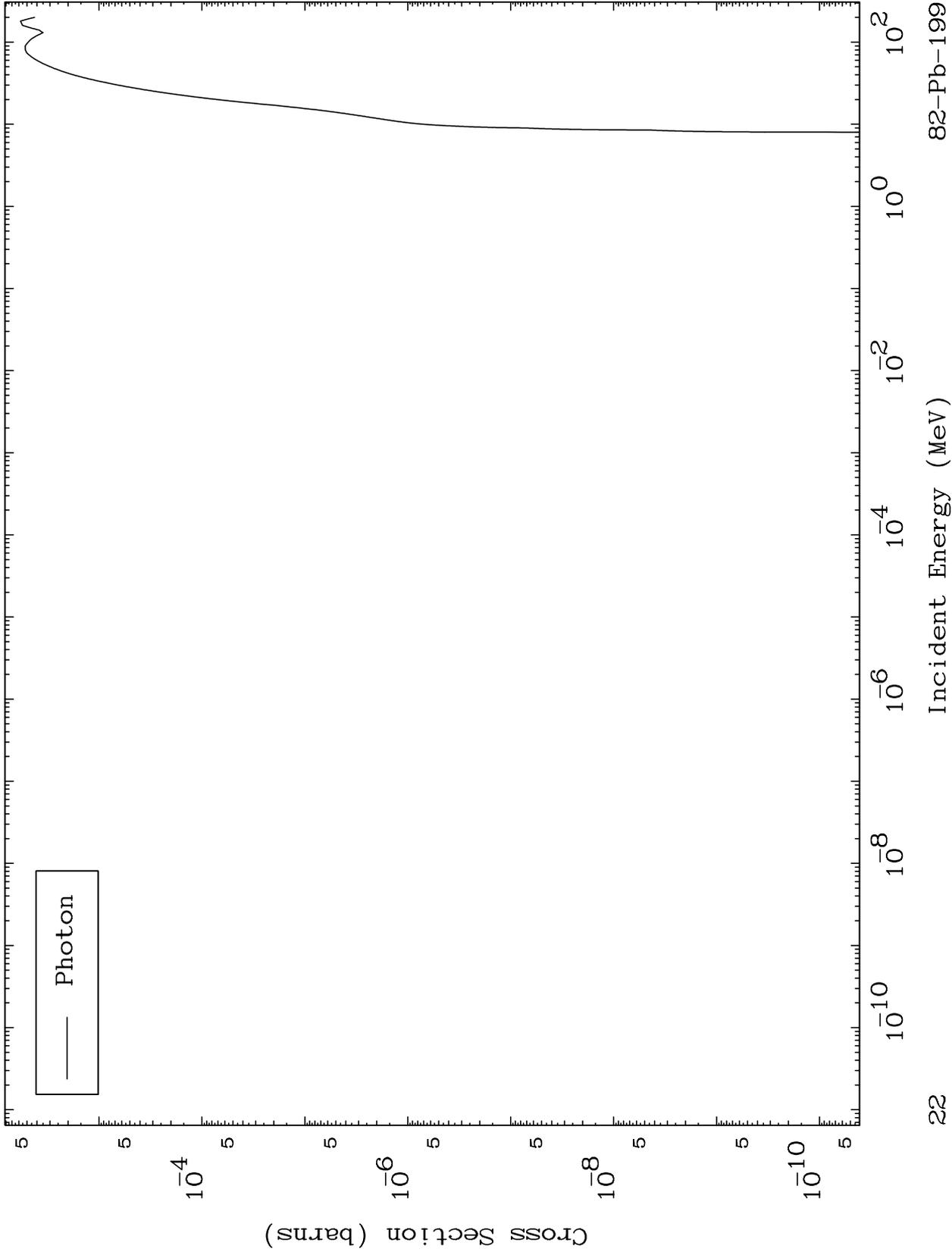


MAT 8211

Fission

82-Pb-199

Radionuclide Production Cross Section



22

Incident Energy (MeV)

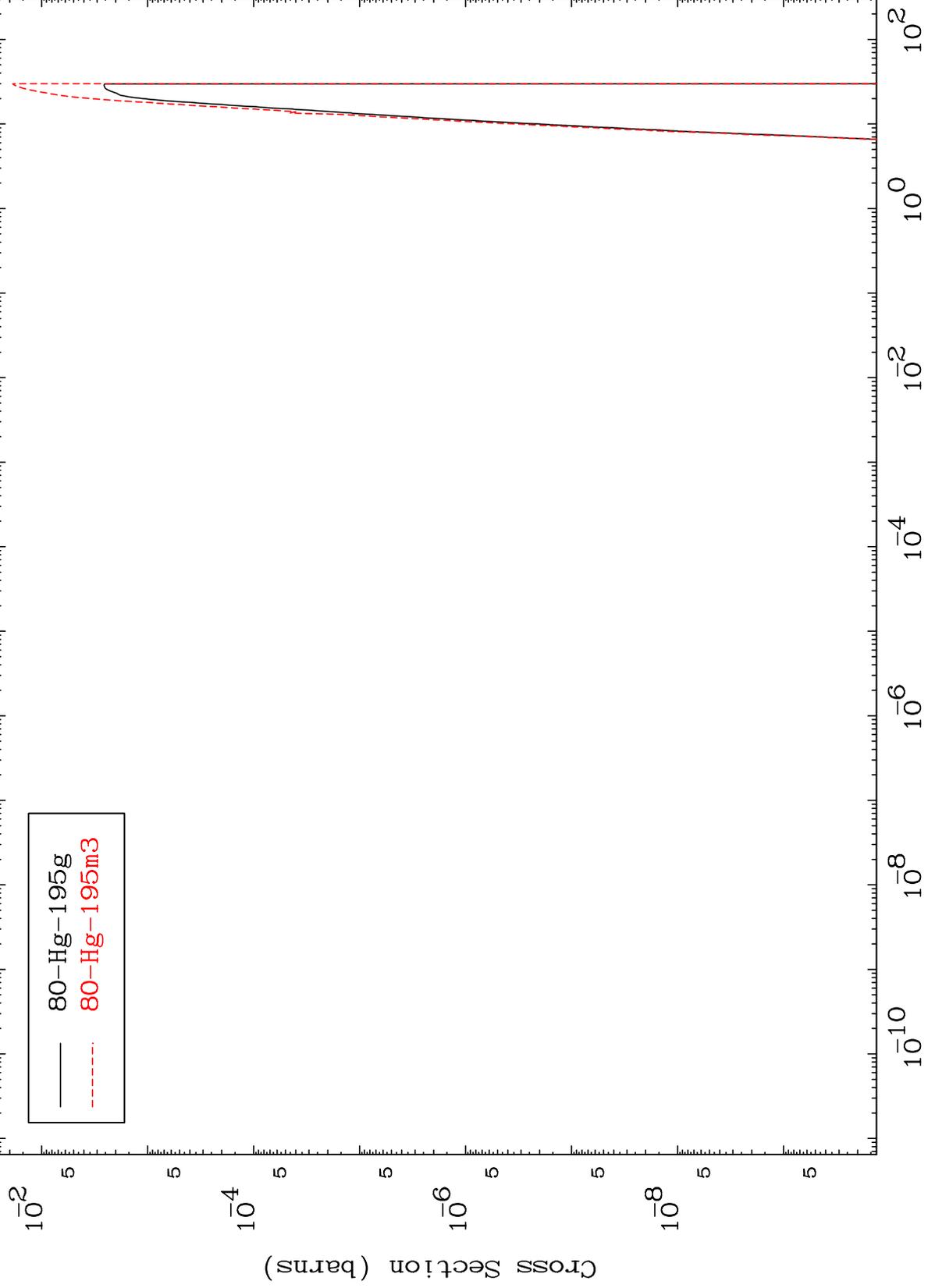
82-Pb-199

MAT 8211

$(n, n') \alpha$

82-Pb-199

Radionuclide Production Cross Section



23

Incident Energy (MeV)

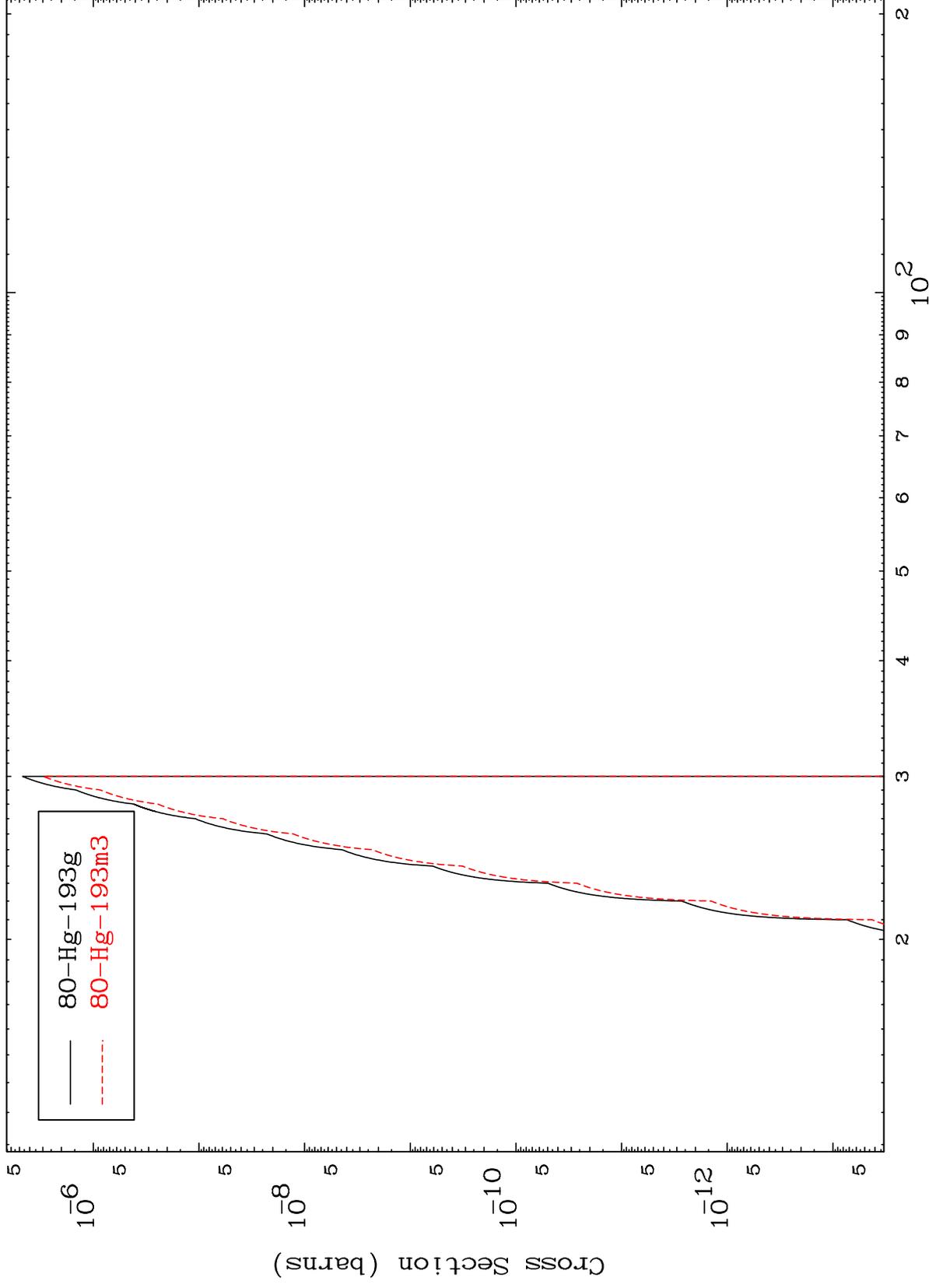
82-Pb-199

MAT 8211

(n,3n)  $\alpha$

82-Pb-199

Radionuclide Production Cross Section

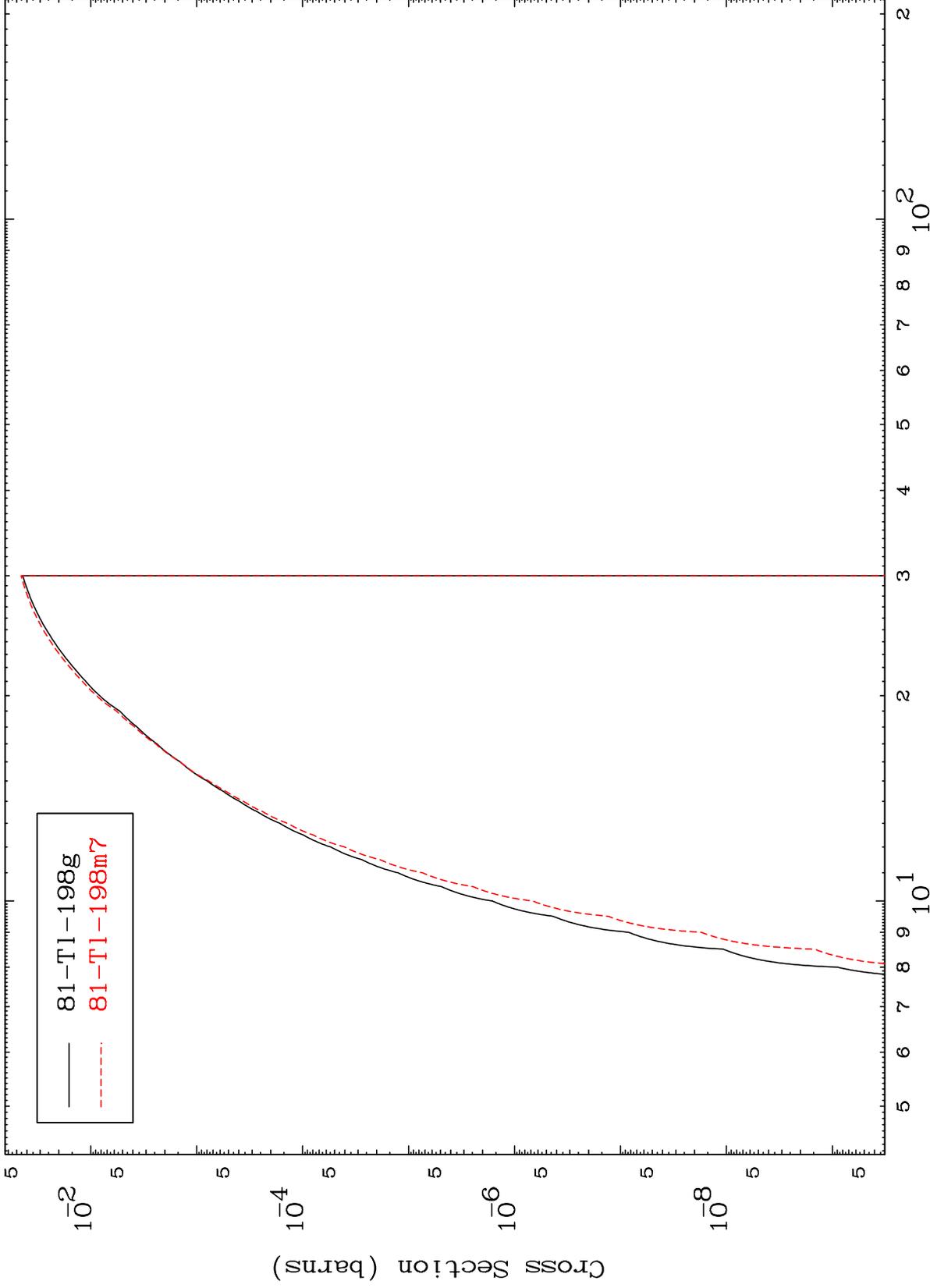


24

Incident Energy (MeV)

82-Pb-199

Radionuclide Production Cross Section

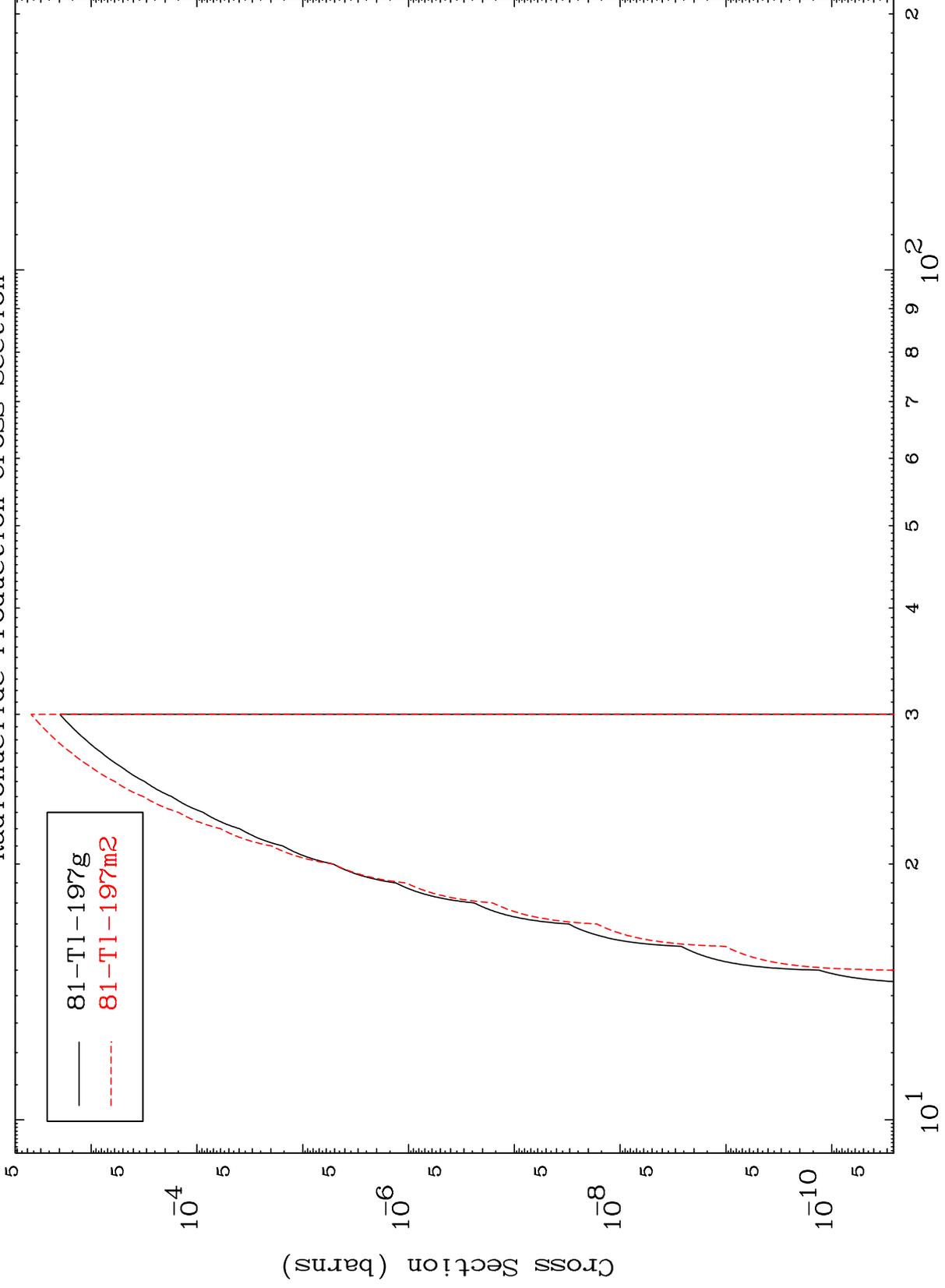


MAT 8211

(n,n') d

82-Pb-199

Radionuclide Production Cross Section

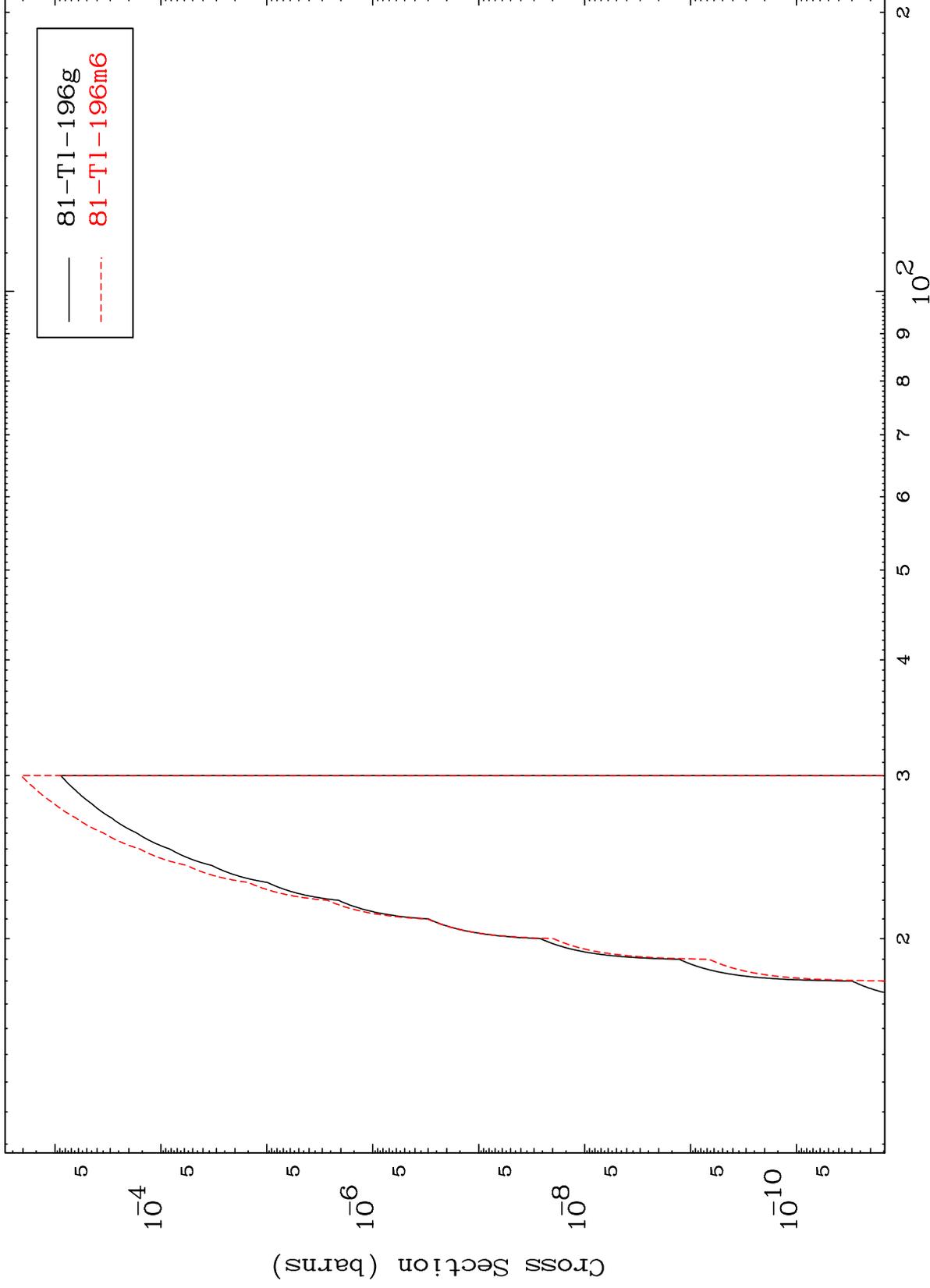


26

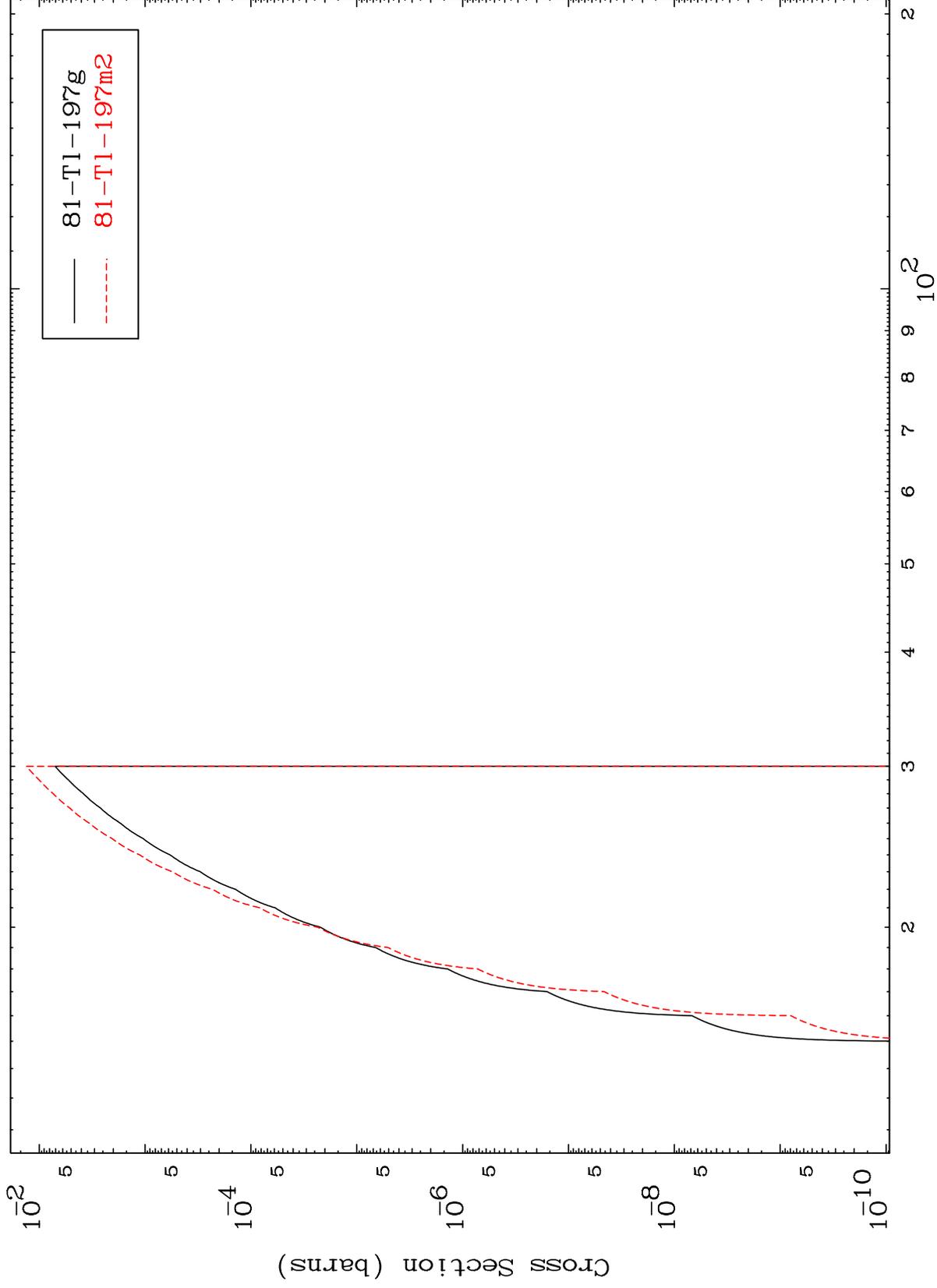
Incident Energy (MeV)

82-Pb-199

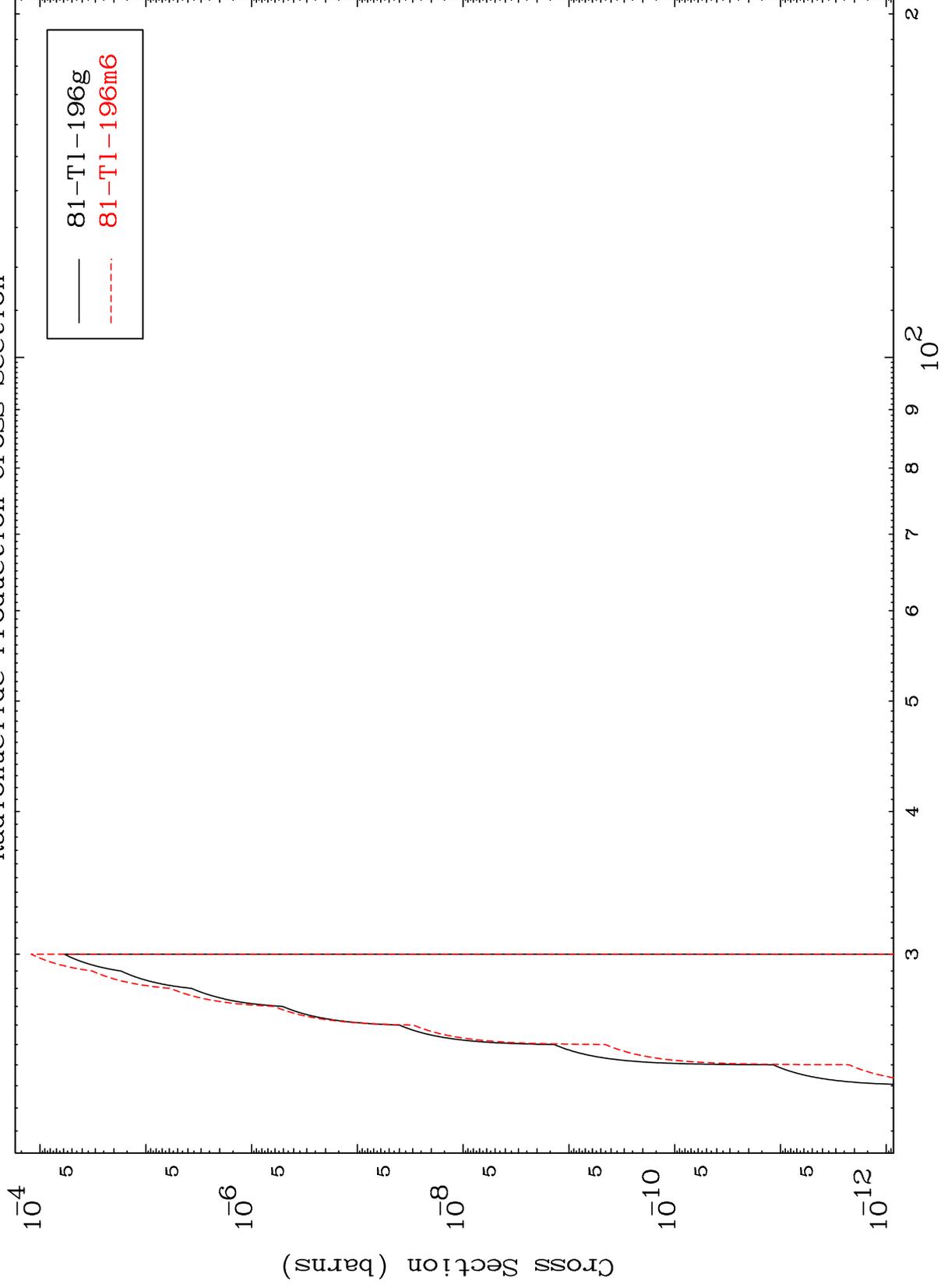
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

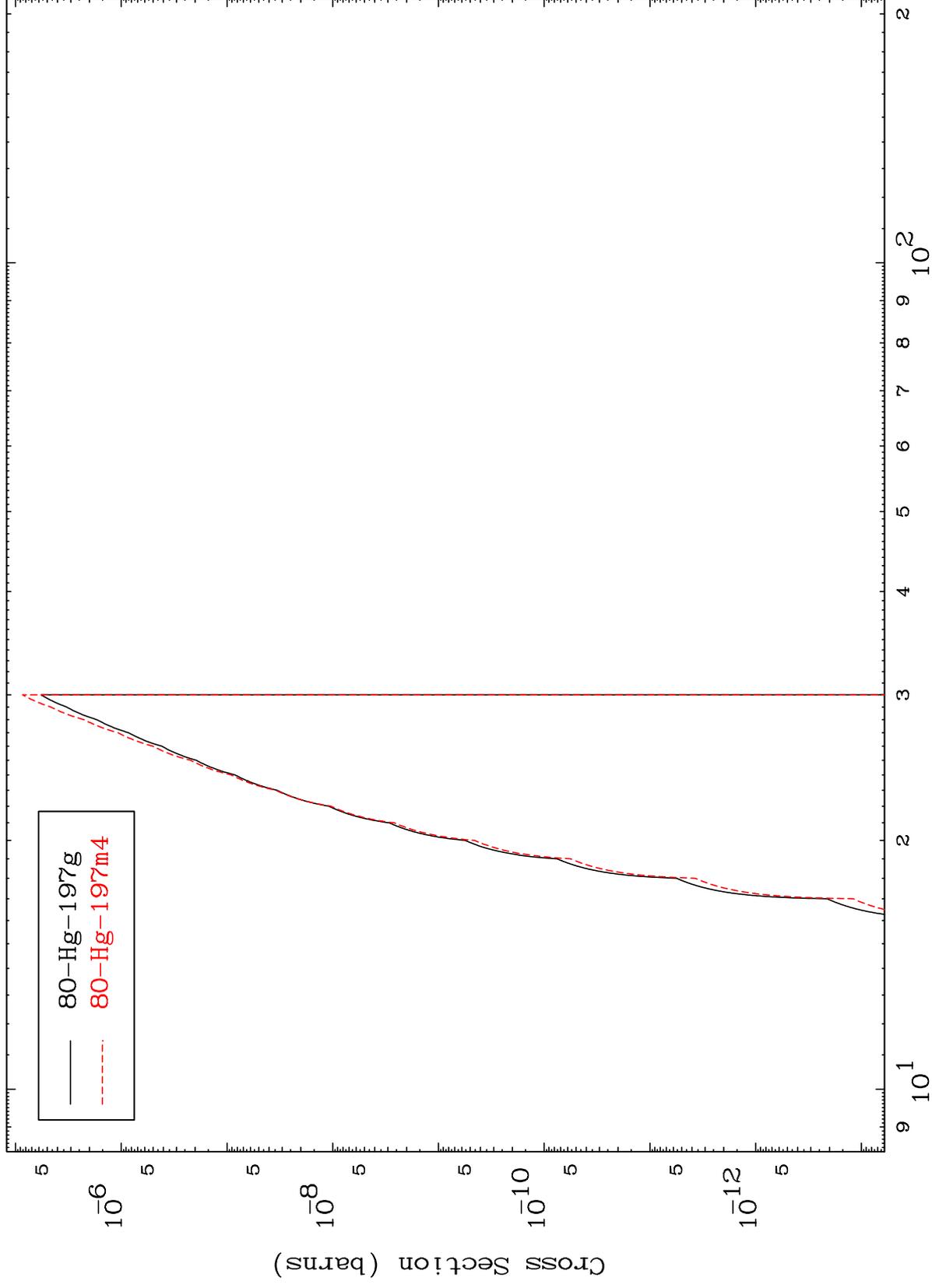


MAT 8211

(n,2n) p

82-Pb-199

Radionuclide Production Cross Section

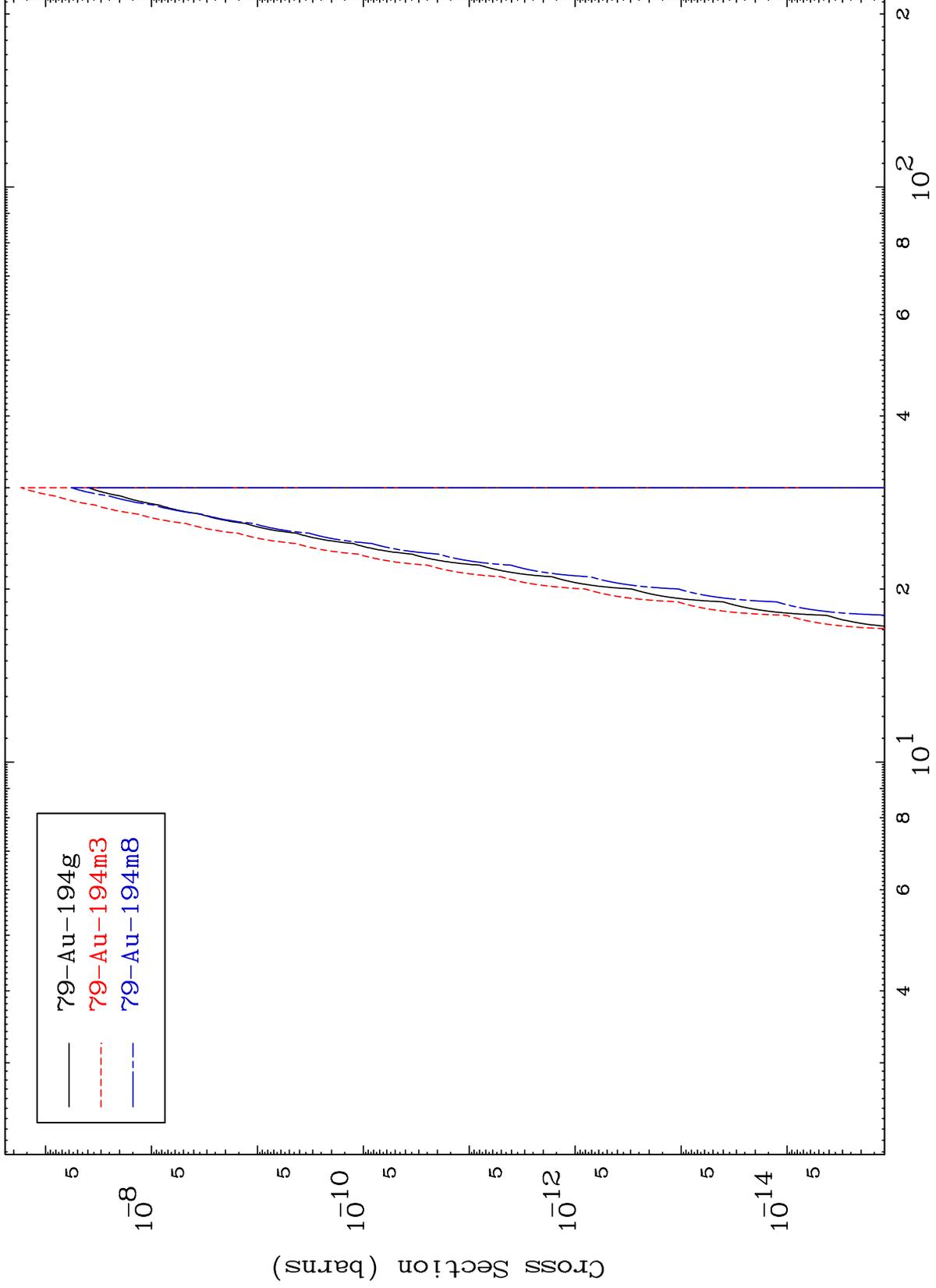


30

Incident Energy (MeV)

82-Pb-199

Radionuclide Production Cross Section

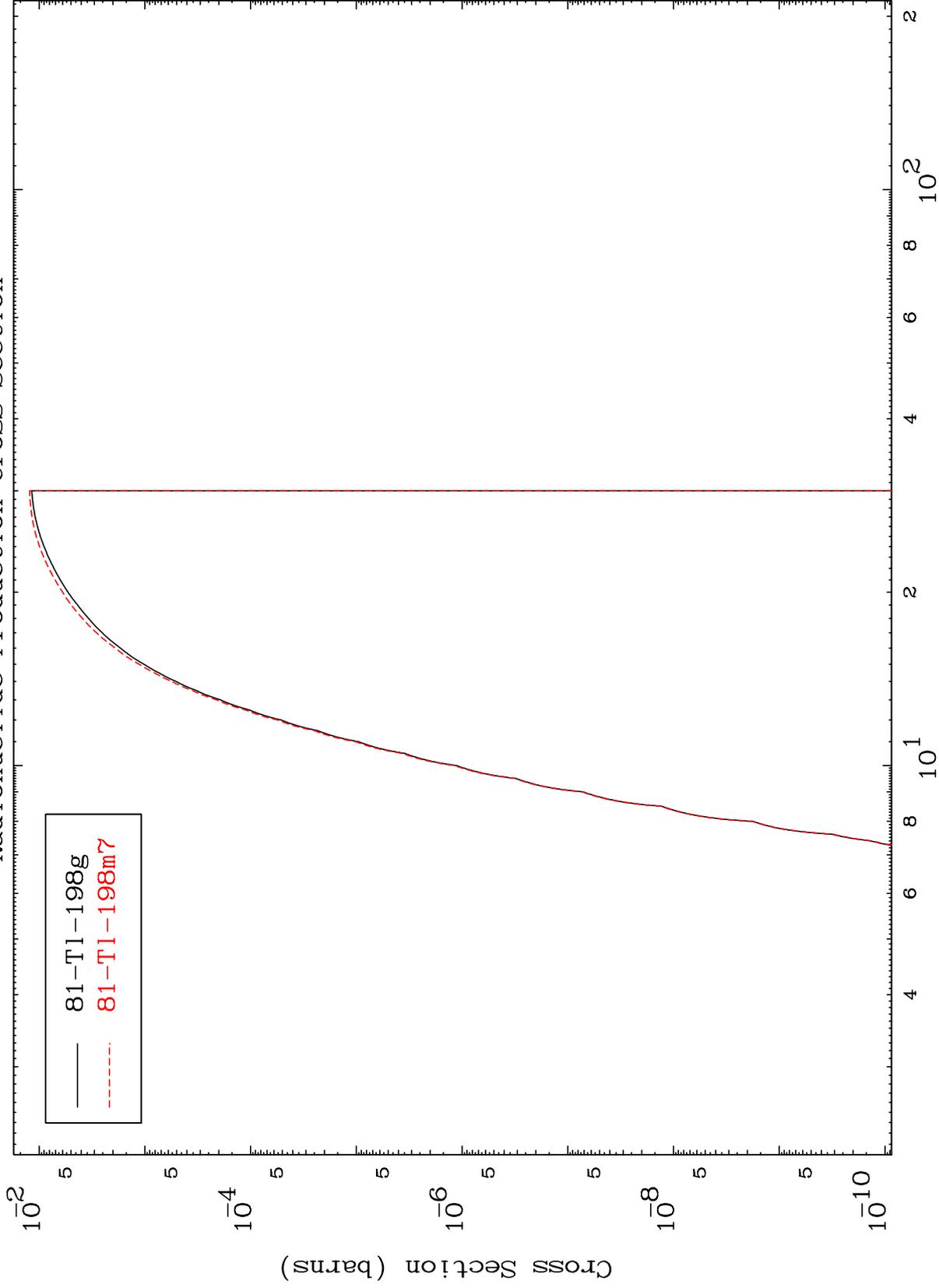


MAT 8211

(n,d)

82-Pb-199

Radionuclide Production Cross Section



32

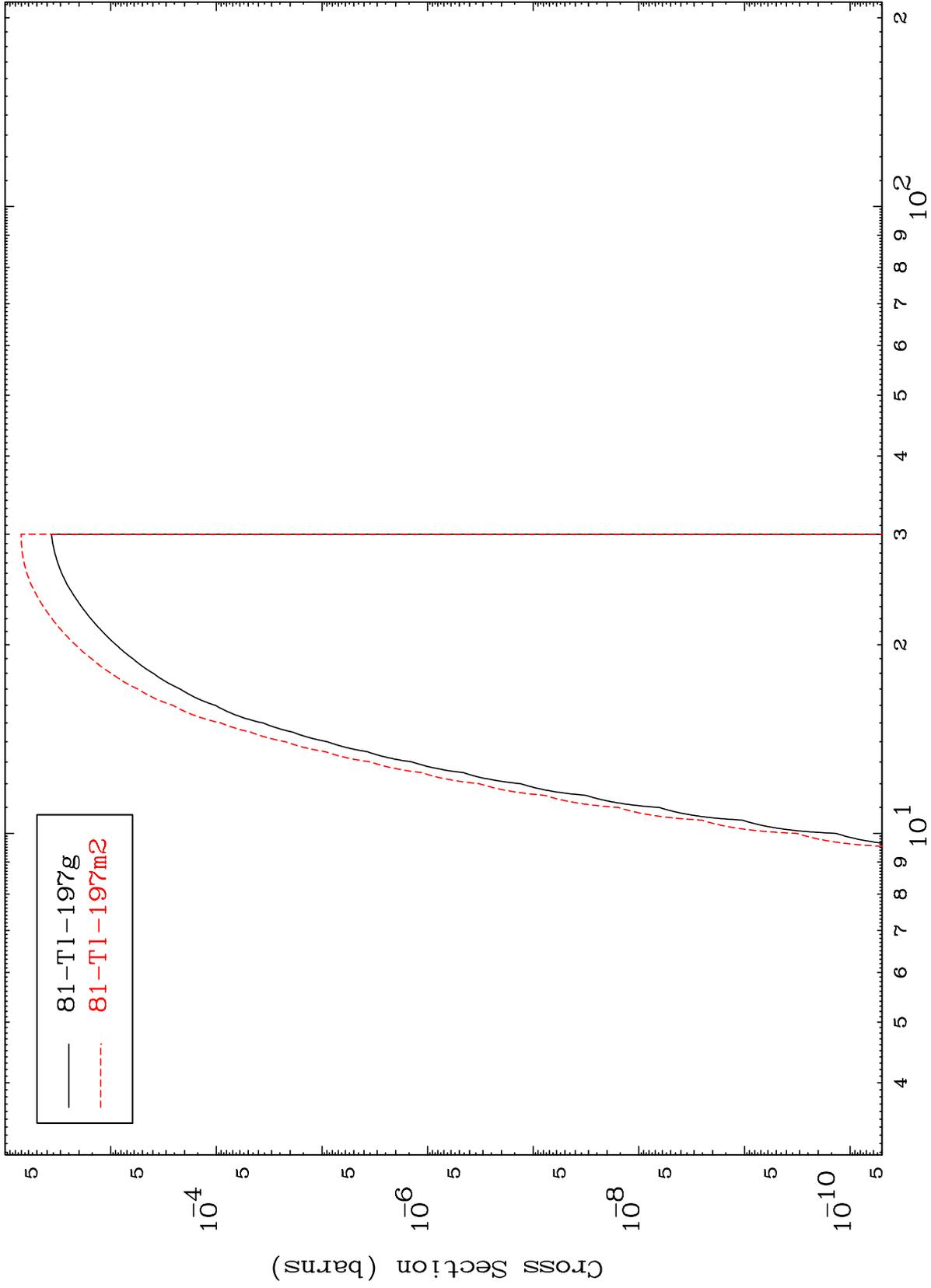
Incident Energy (MeV)

82-Pb-199

MAT 8211

82-Pb-199

(n, t)  
Radionuclide Production Cross Section



33

Incident Energy (MeV)

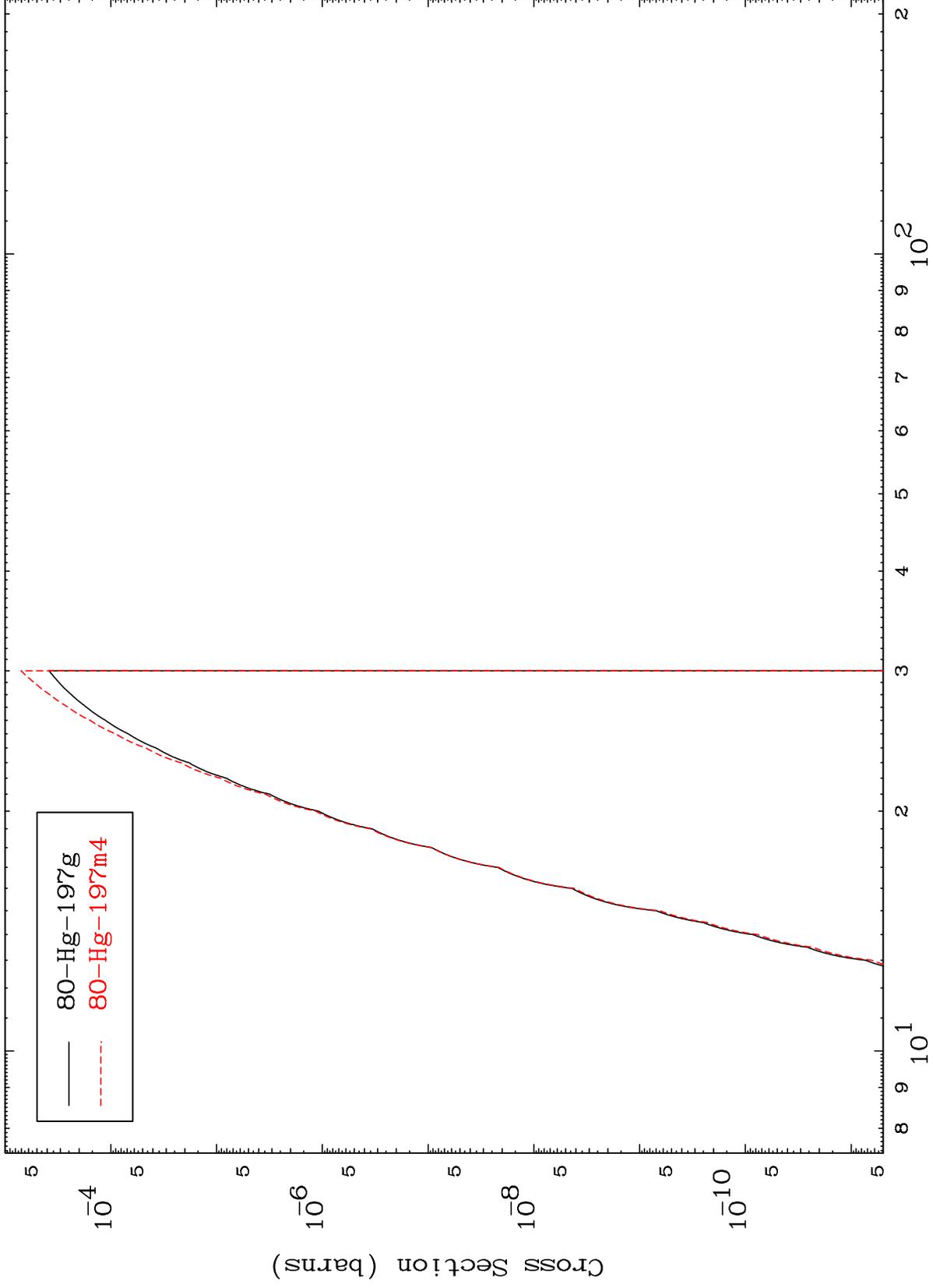
82-Pb-199

MAT 8211

(n,He-3)

82-Pb-199

Radionuclide Production Cross Section



34

Incident Energy (MeV)

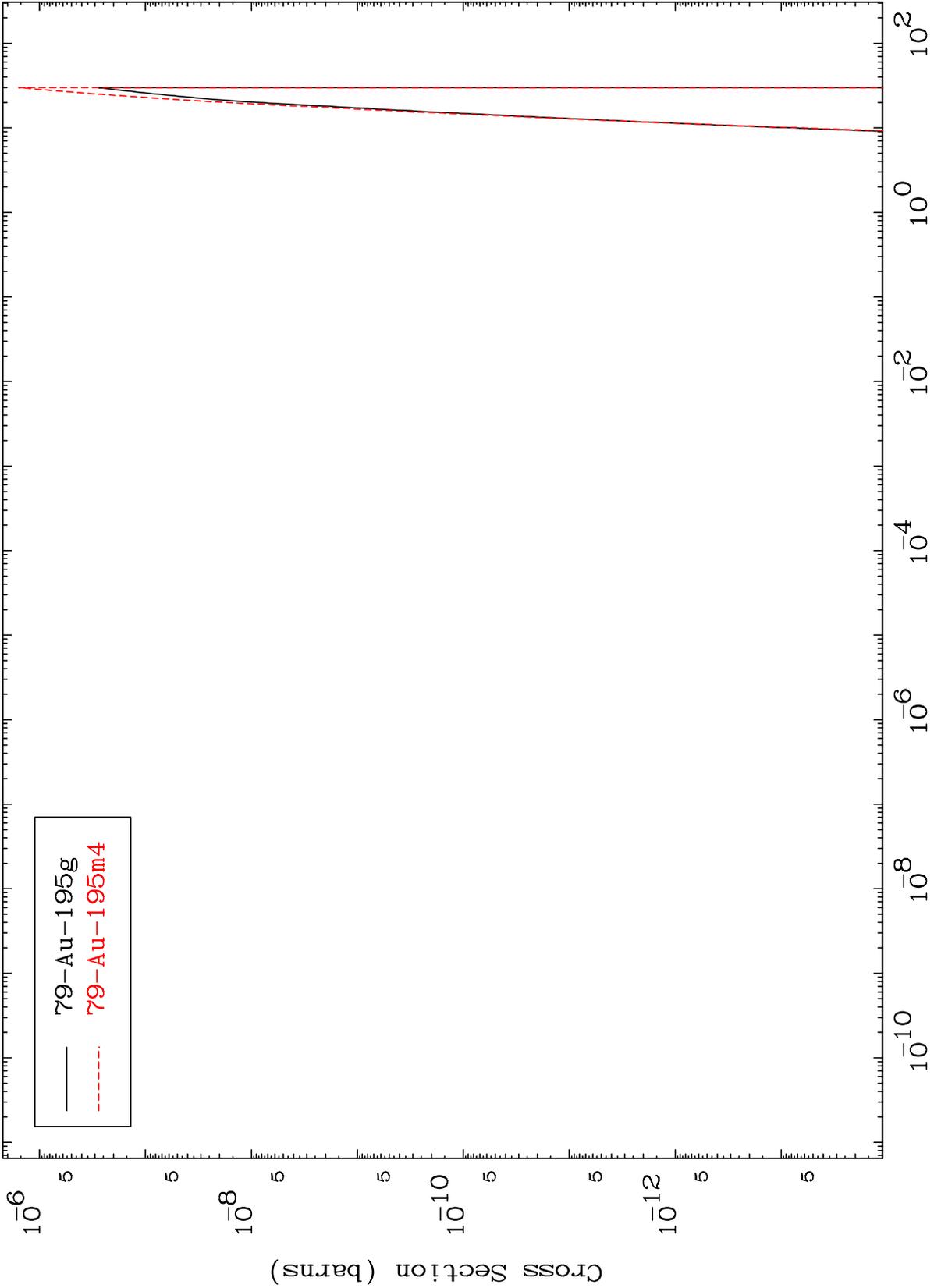
82-Pb-199

MAT 8211

(n,p)  $\alpha$

82-Pb-199

Radionuclide Production Cross Section



35

Incident Energy (MeV)

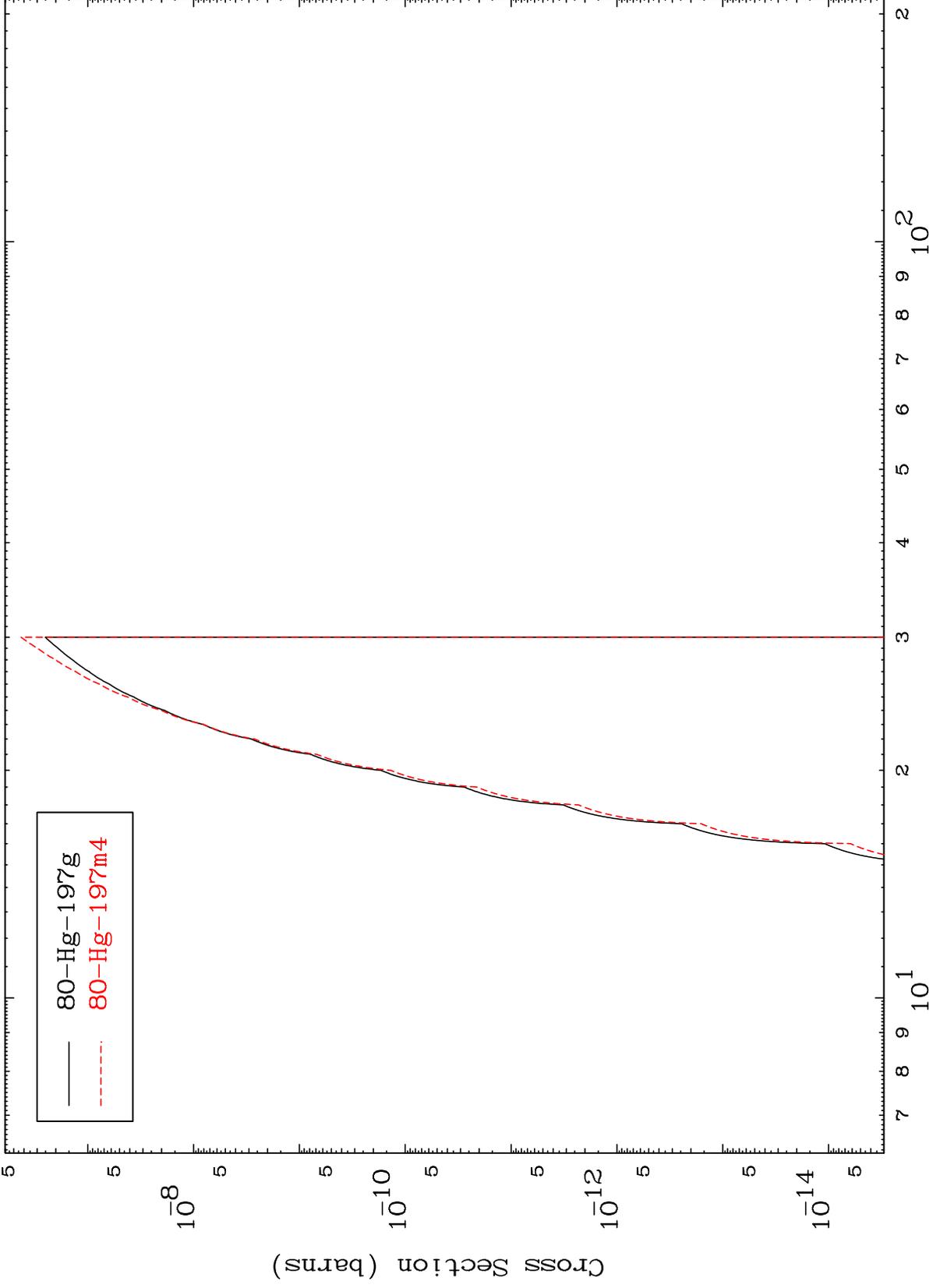
82-Pb-199

MAT 8211

(n,p) d

82-Pb-199

Radionuclide Production Cross Section



36

Incident Energy (MeV)

82-Pb-199

MAT 8211

(n,d)  $\alpha$

82-Pb-199

Radionuclide Production Cross Section

