

Program EVALPLOT
(Version 2018-1)

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

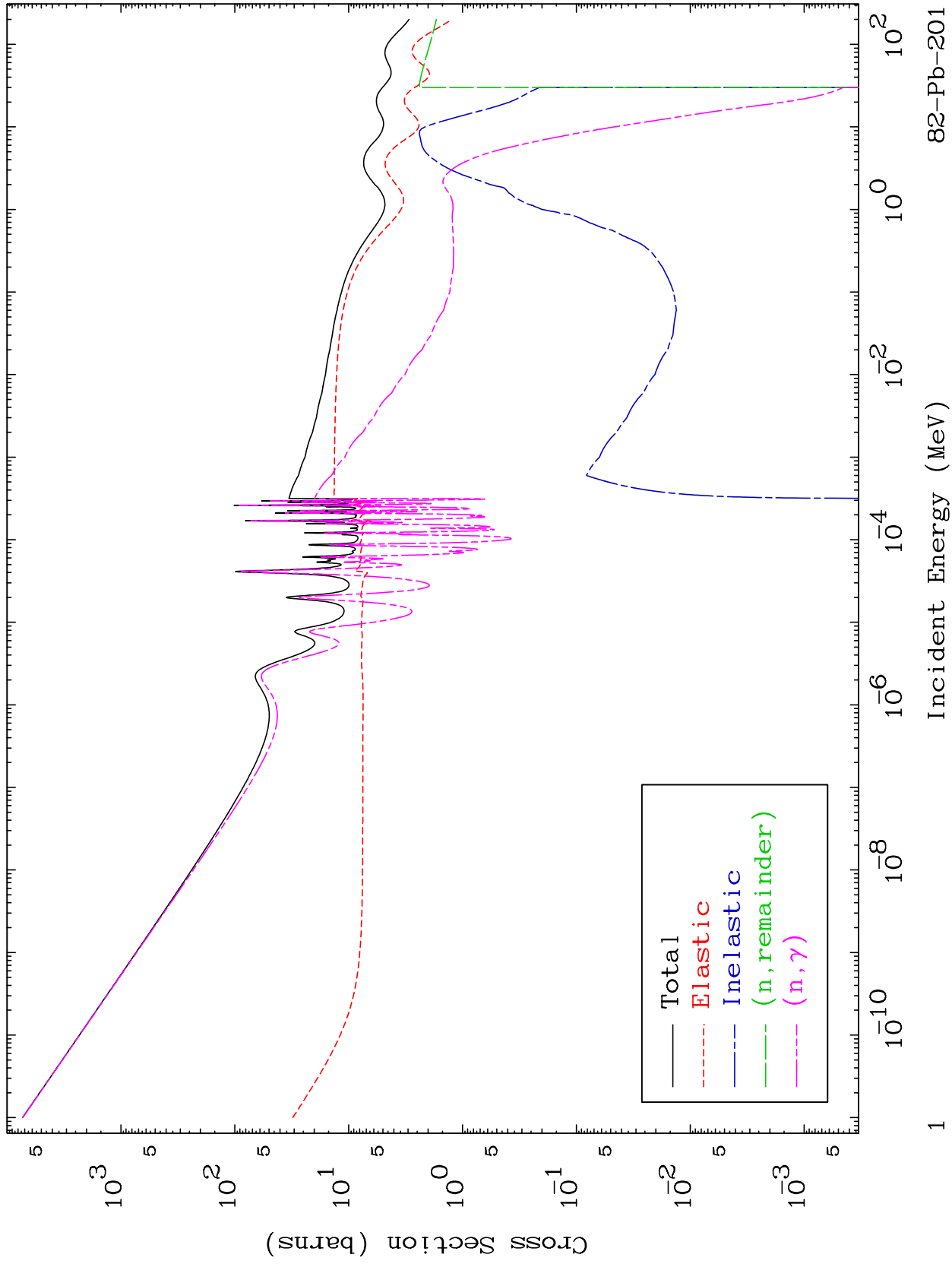
Press Mouse Button to Start

MAT 8217

Major

293 Kelvin Cross Sections

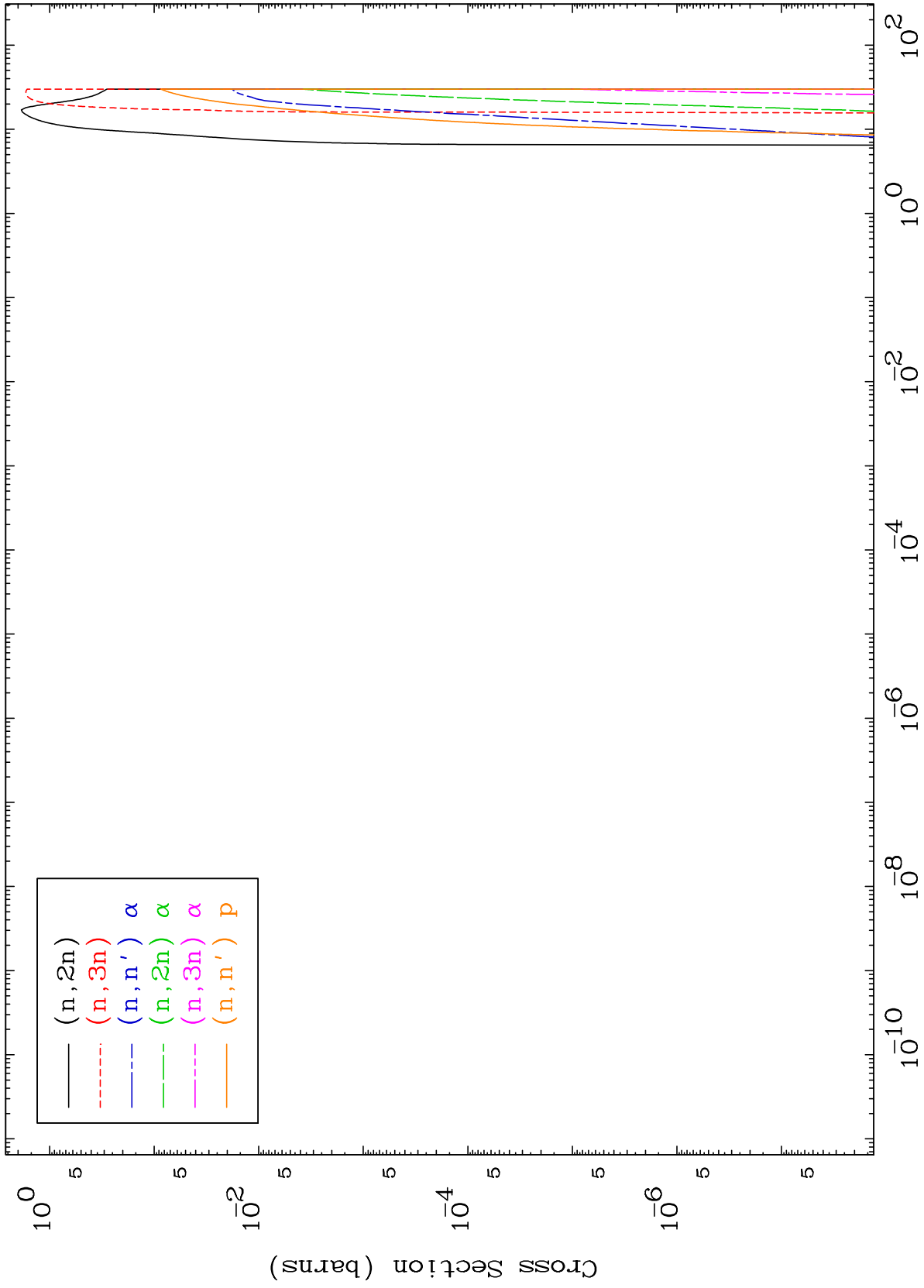
82-Pb-201



MAT 8217

Neutron Production
293 Kelvin Cross Sections

82-Pb-201



2

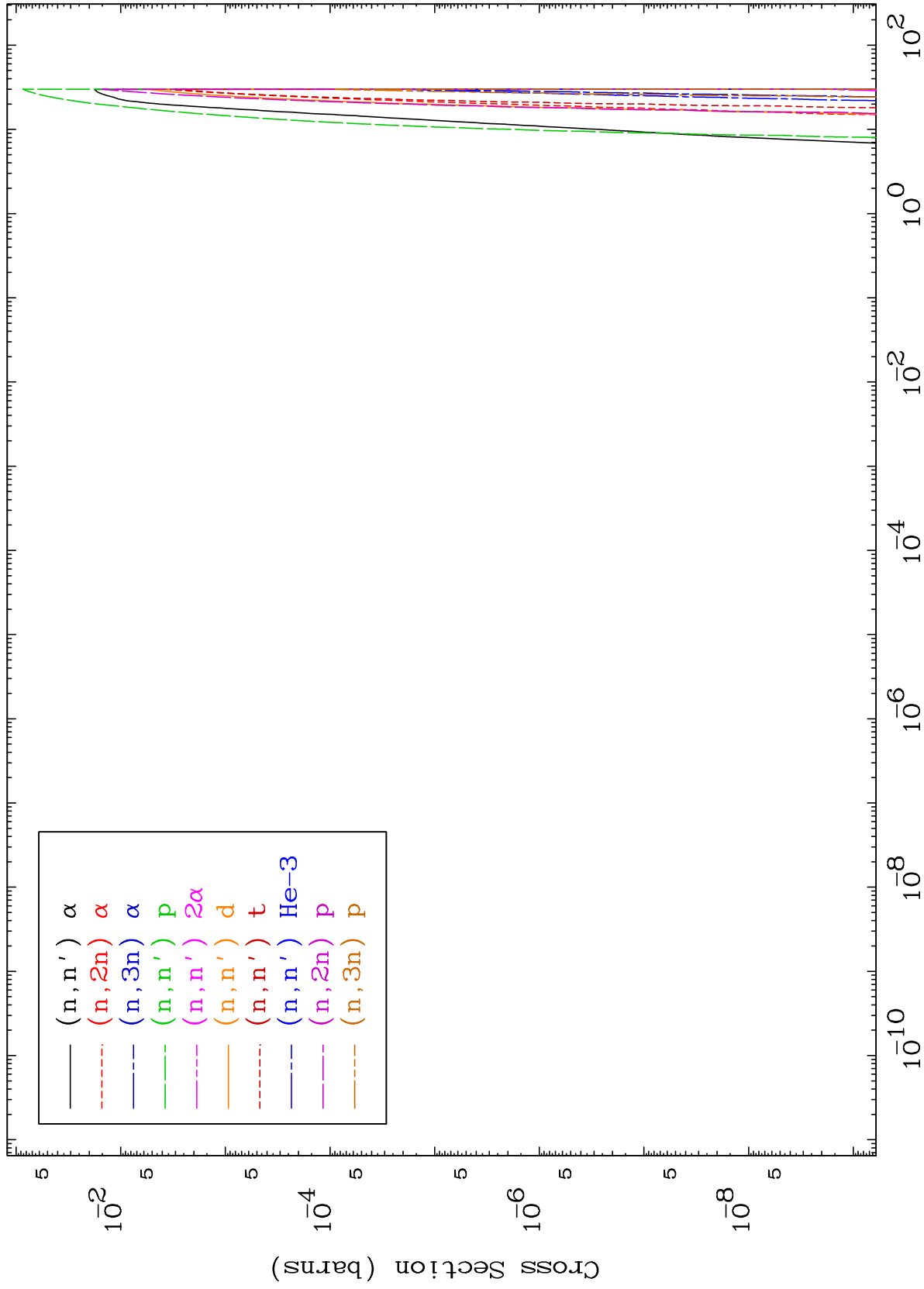
Incident Energy (MeV)

82-Pb-201

MAT 8217

Charged Particle
293 Kelvin Cross Sections

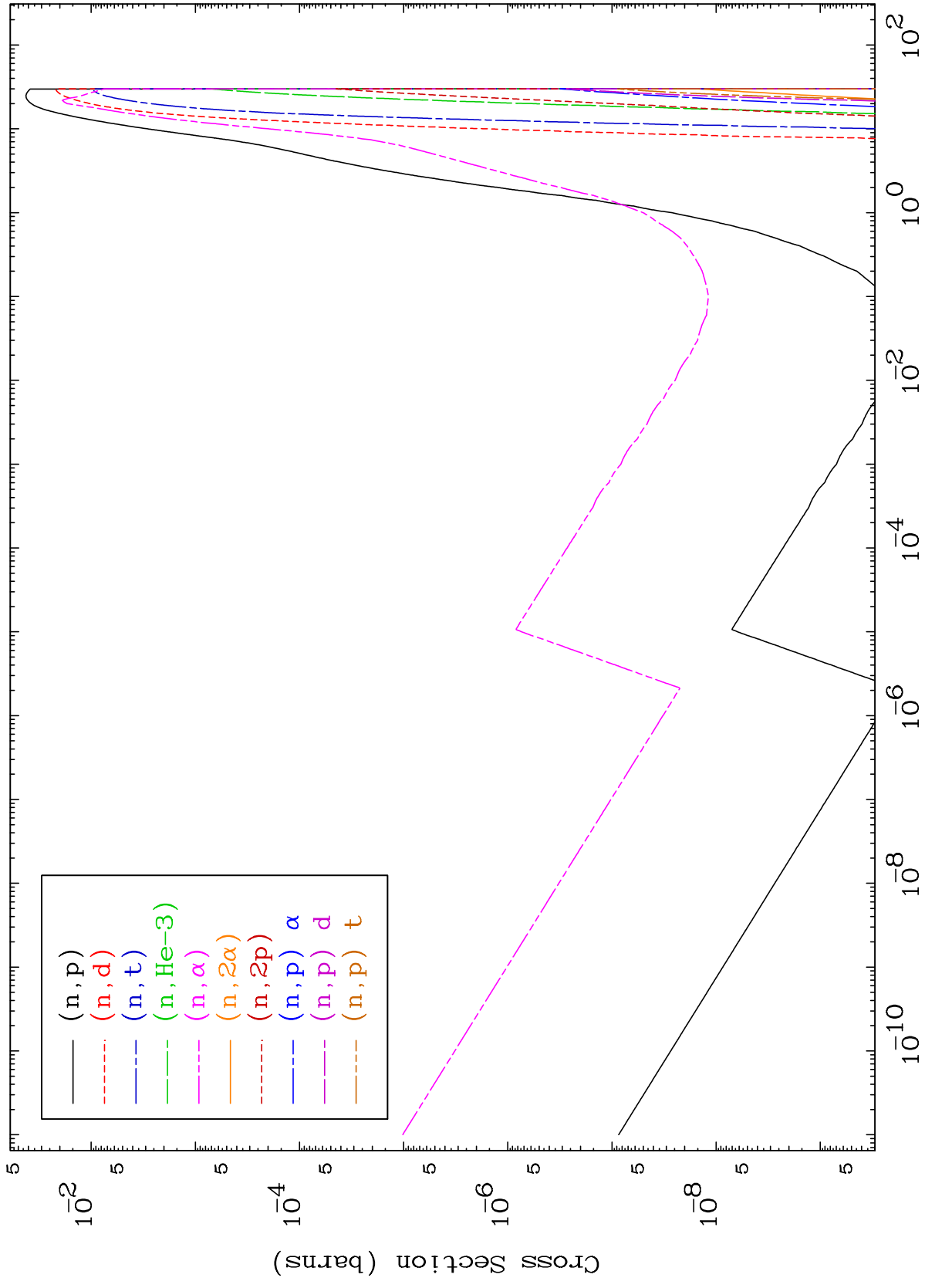
82-Pb-201



MAT 8217

293 Charged Particle
Kelvin Cross Sections

82-Pb-201



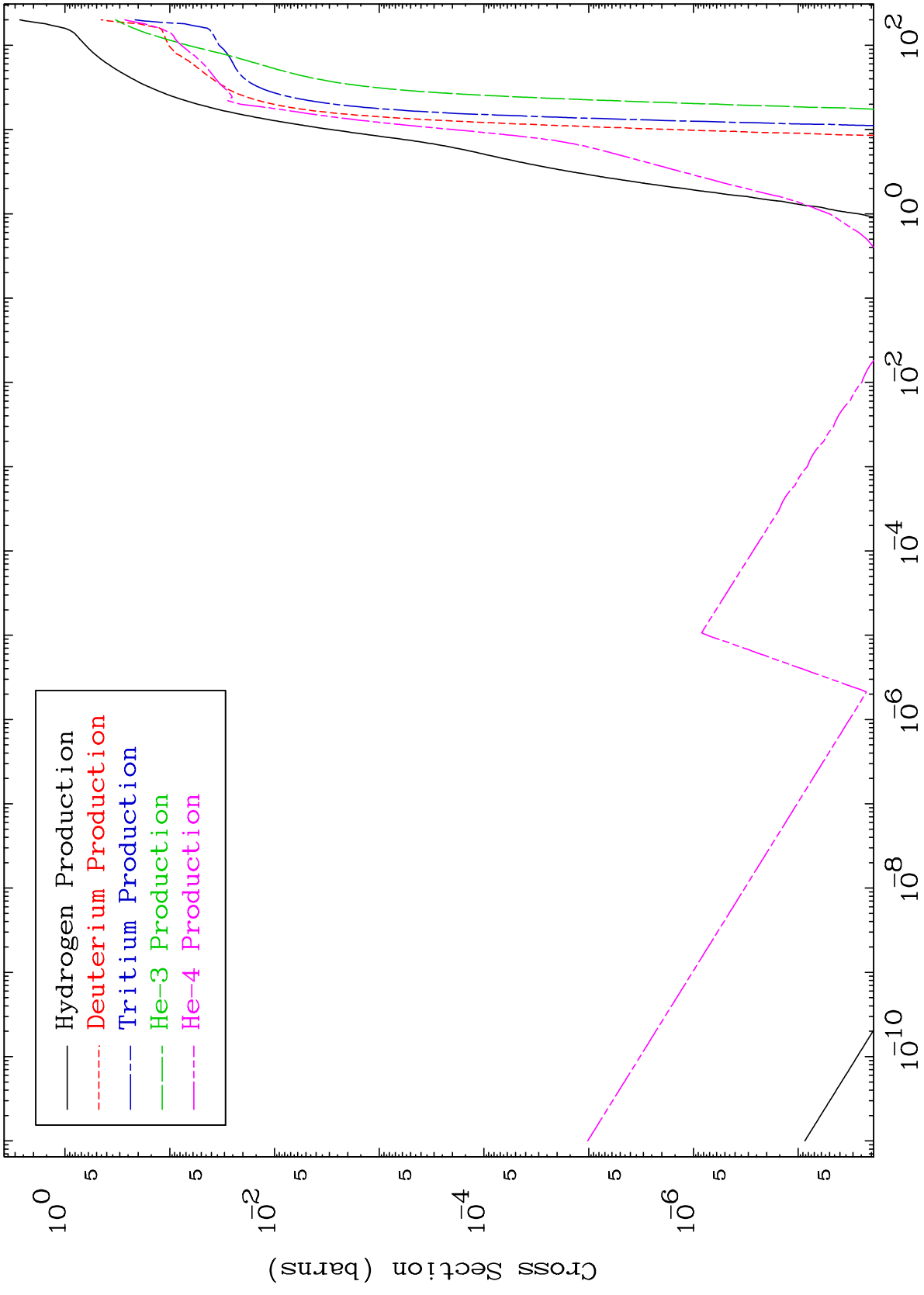
5

82-Pb-201

MAT 8217

Particle Production
293 Kelvin Cross Sections

82-Pb-201



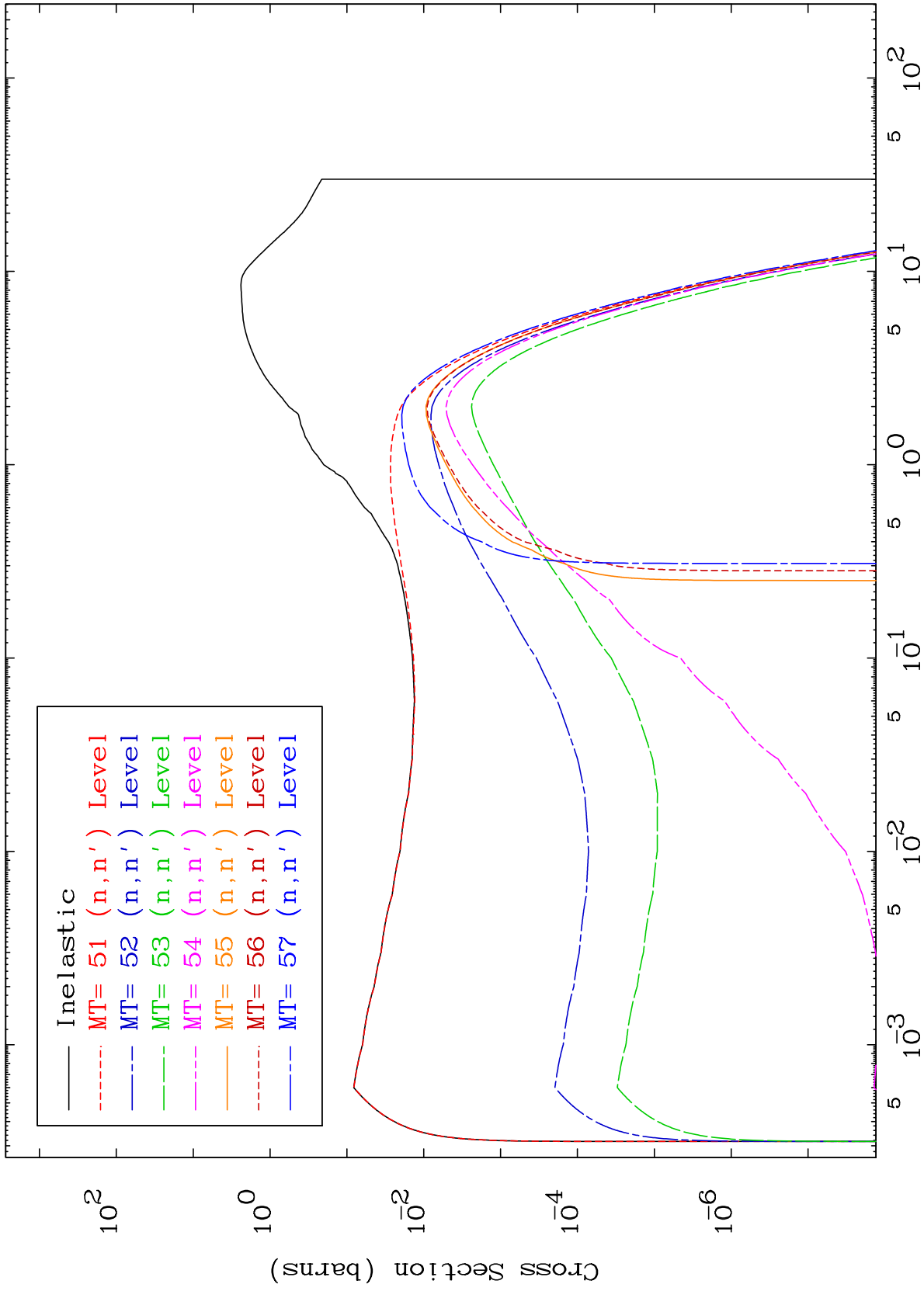
6

82-Pb-201

MAT 8217

(n,n') Level
293 Kelvin Cross Sections

82-Pb-201



7

Incident Energy (MeV)

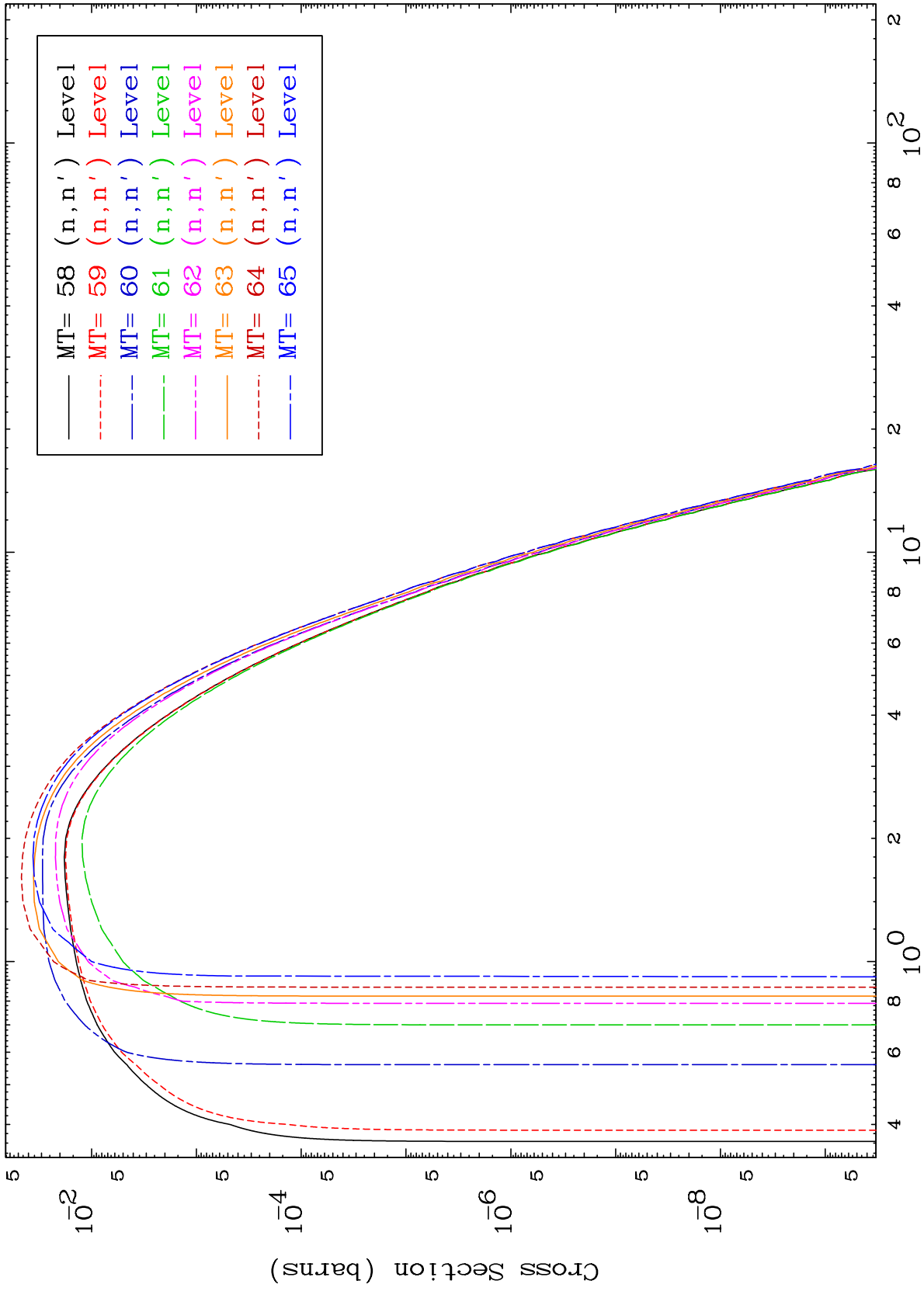
82-Pb-201

MAT 8217

(n,n') Level

82-Pb-201

293 Kelvin Cross Sections



8

Incident Energy (MeV)

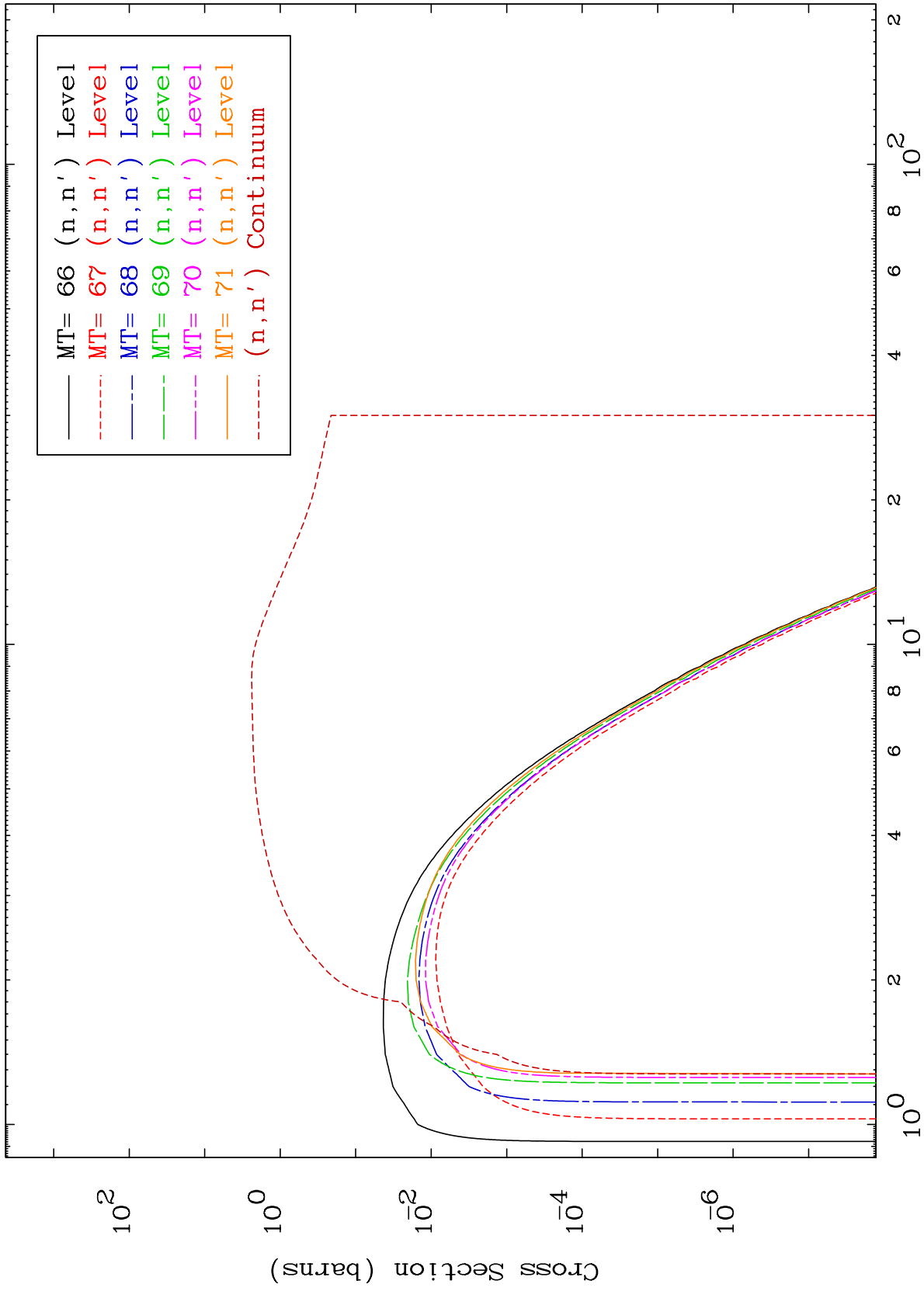
82-Pb-201

MAT 8217

(n,n') Level

82-Pb-201

293 Kelvin Cross Sections



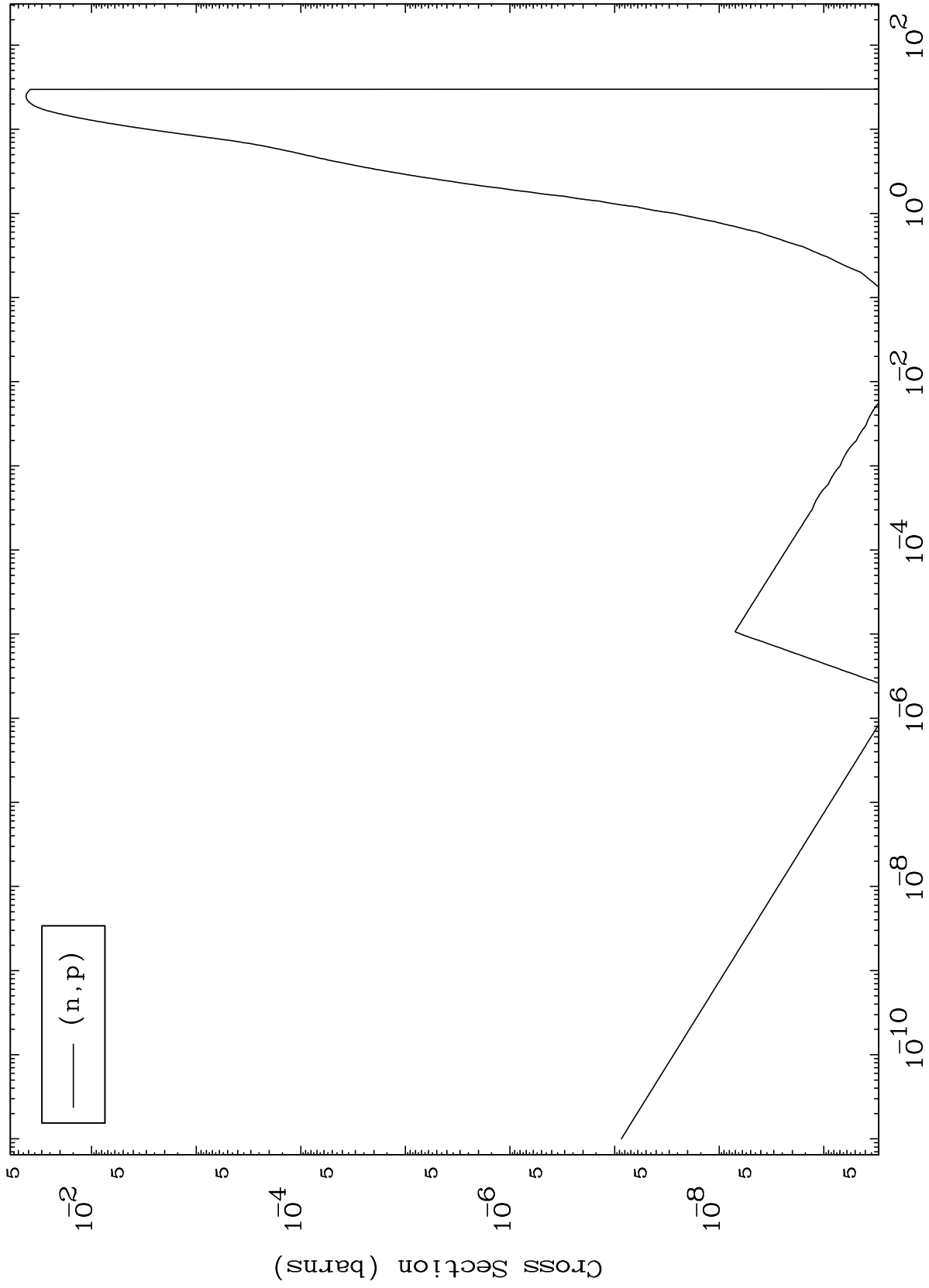
Incident Energy (MeV)

82-Pb-201

MAT 8217

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-201



10

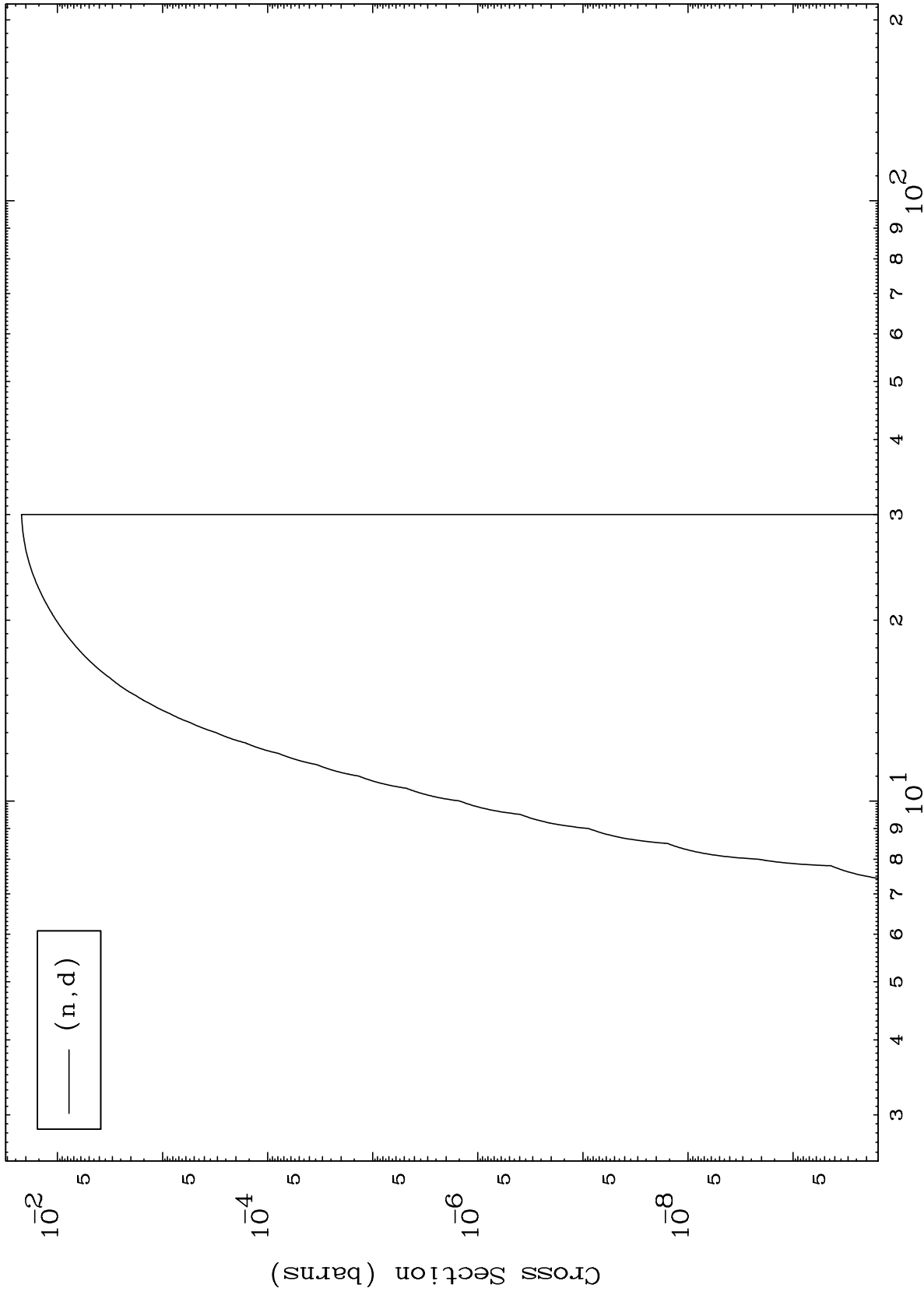
Incident Energy (MeV)

82-Pb-201

MAT 8217

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-201



11

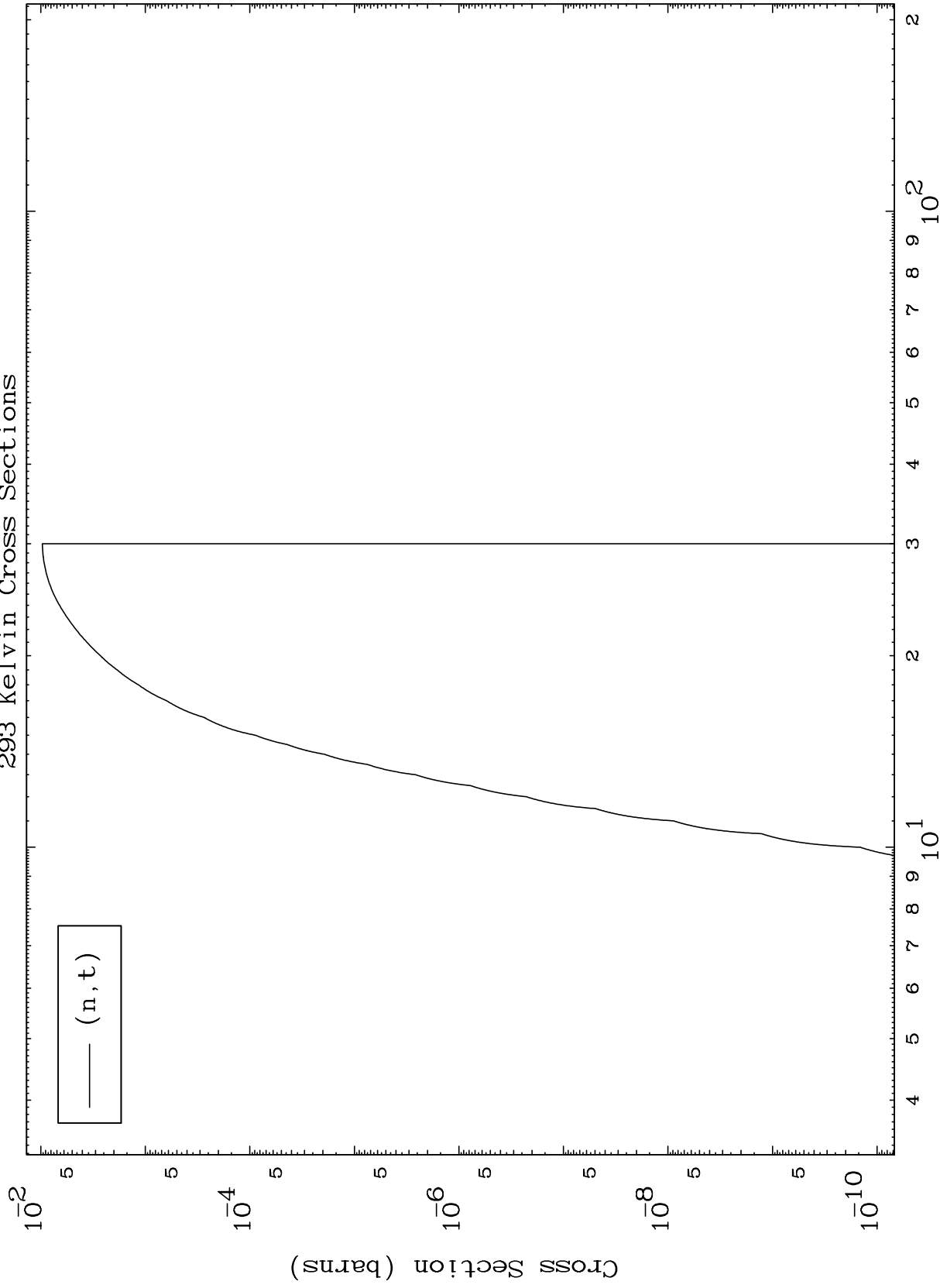
Incident Energy (MeV)

82-Pb-201

MAT 8217

82-Pb-201

(n,t) Levels
293 Kelvin Cross Sections



12

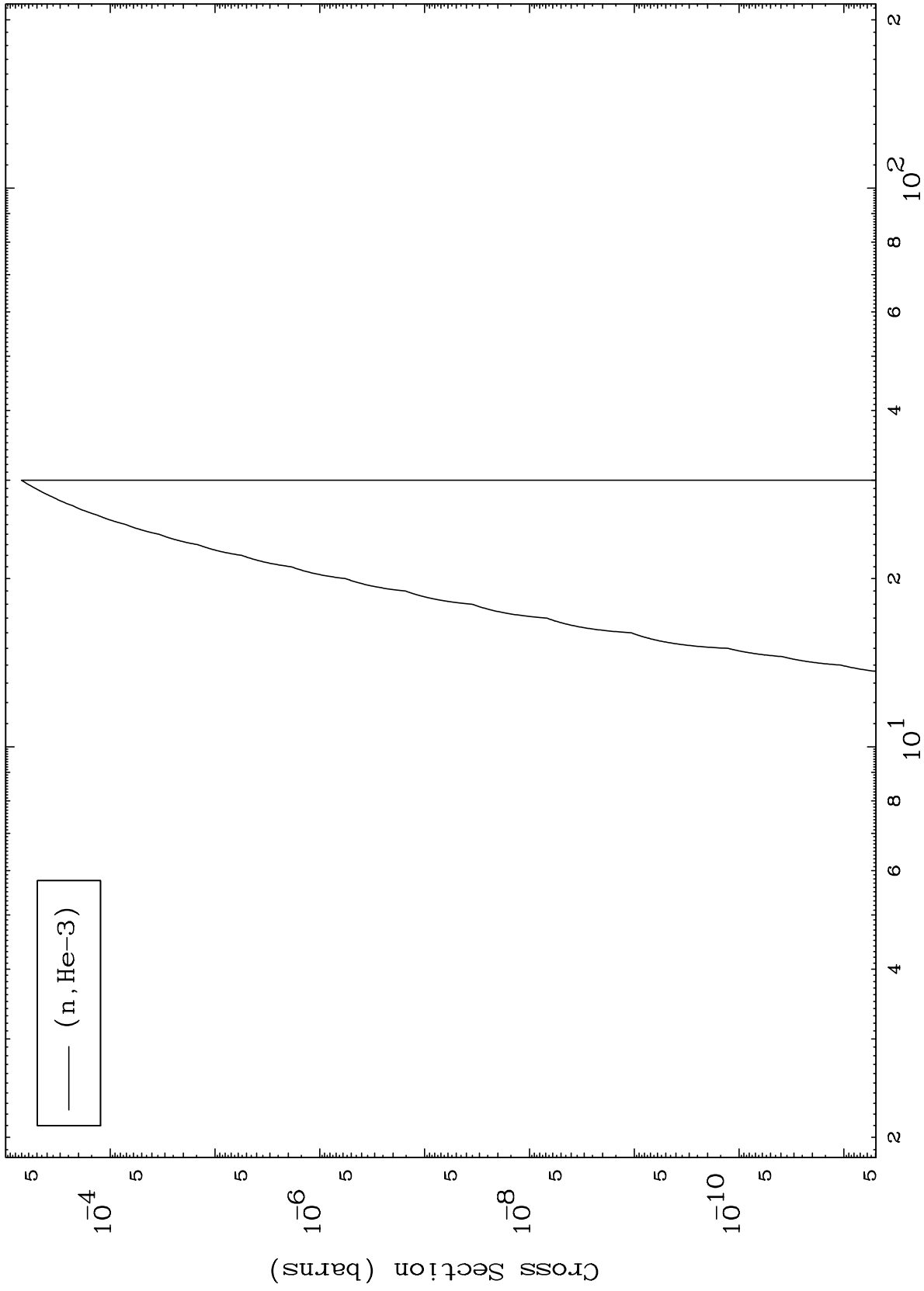
Incident Energy (MeV)

82-Pb-201

MAT 8217

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-201



13

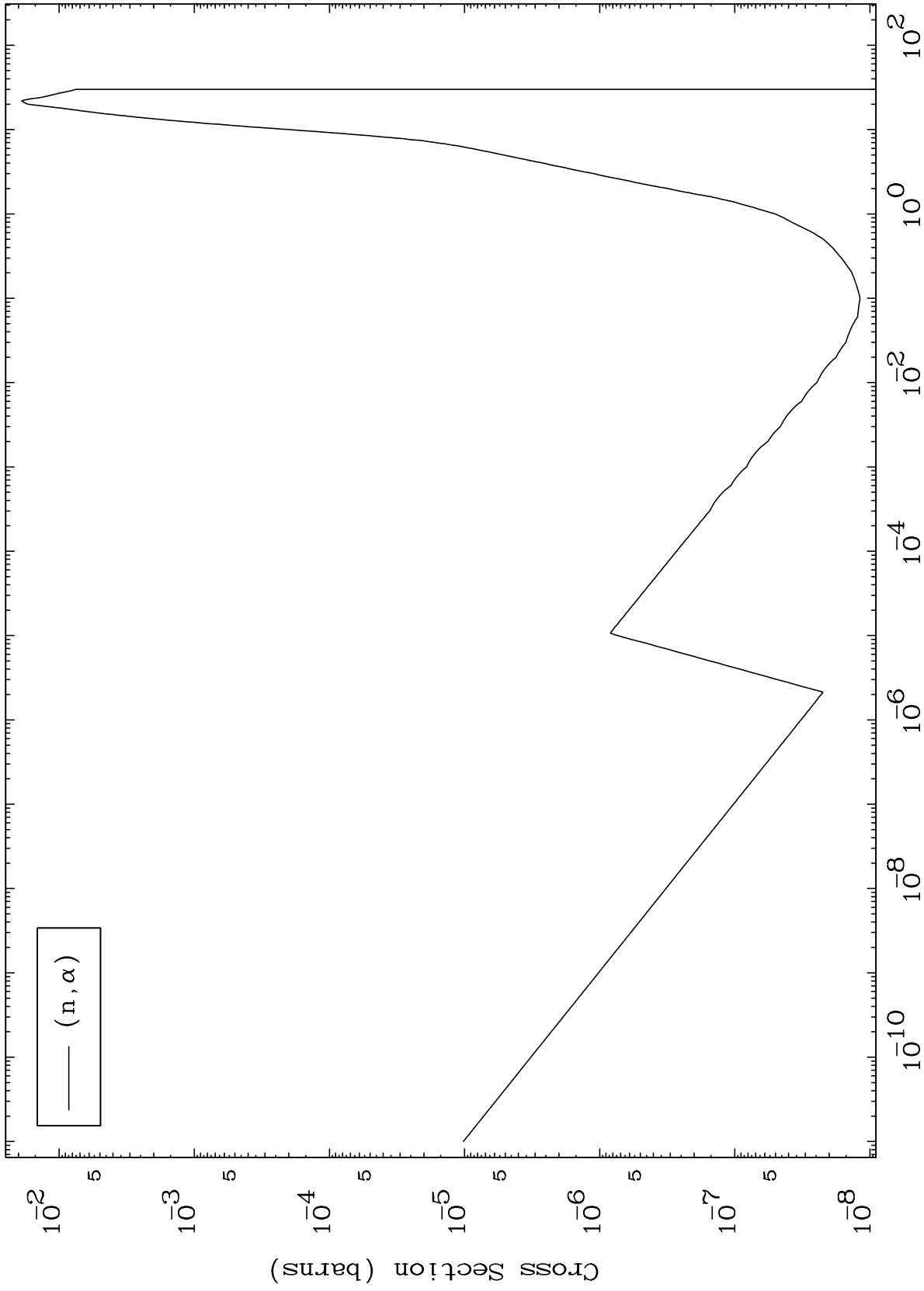
Incident Energy (MeV)

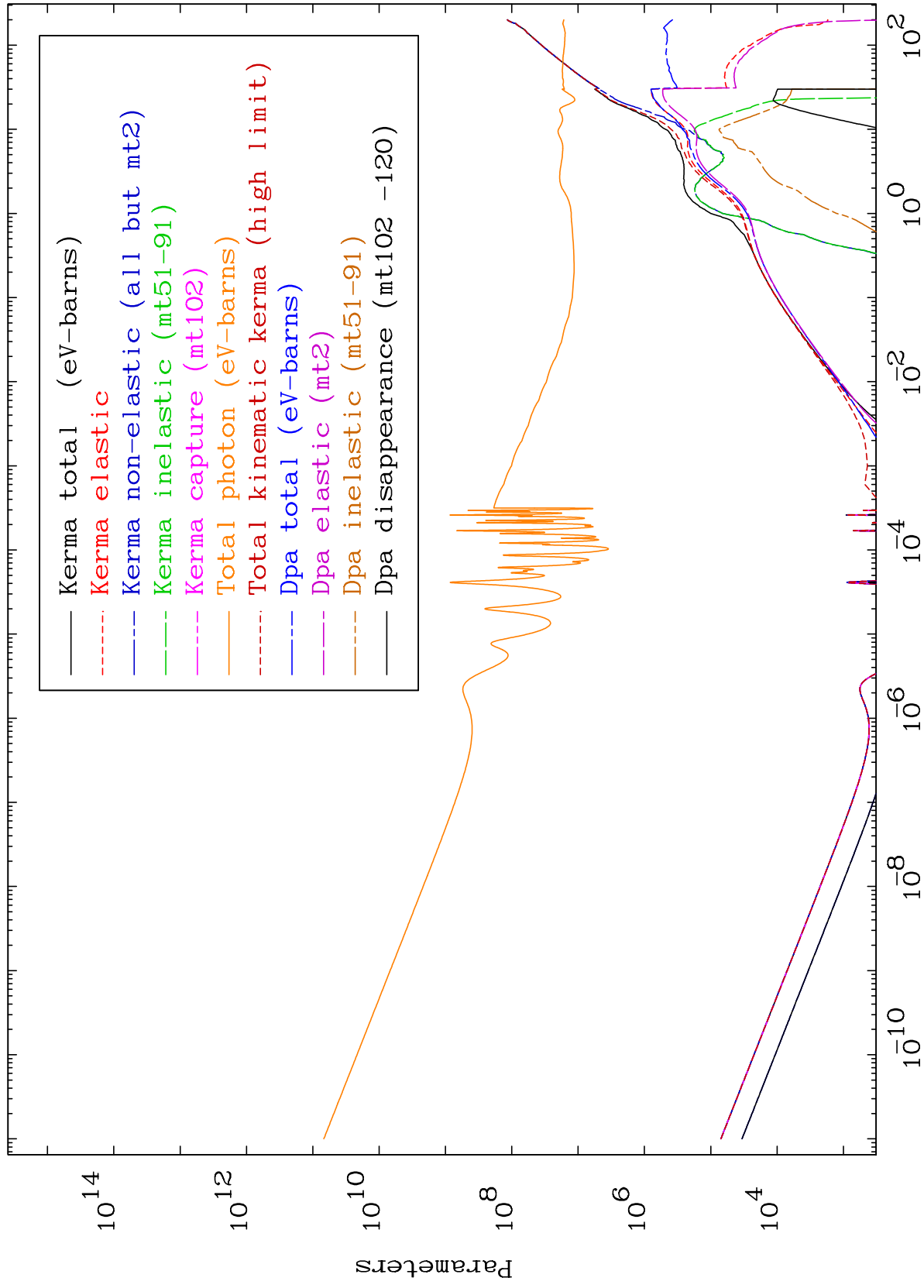
82-Pb-201

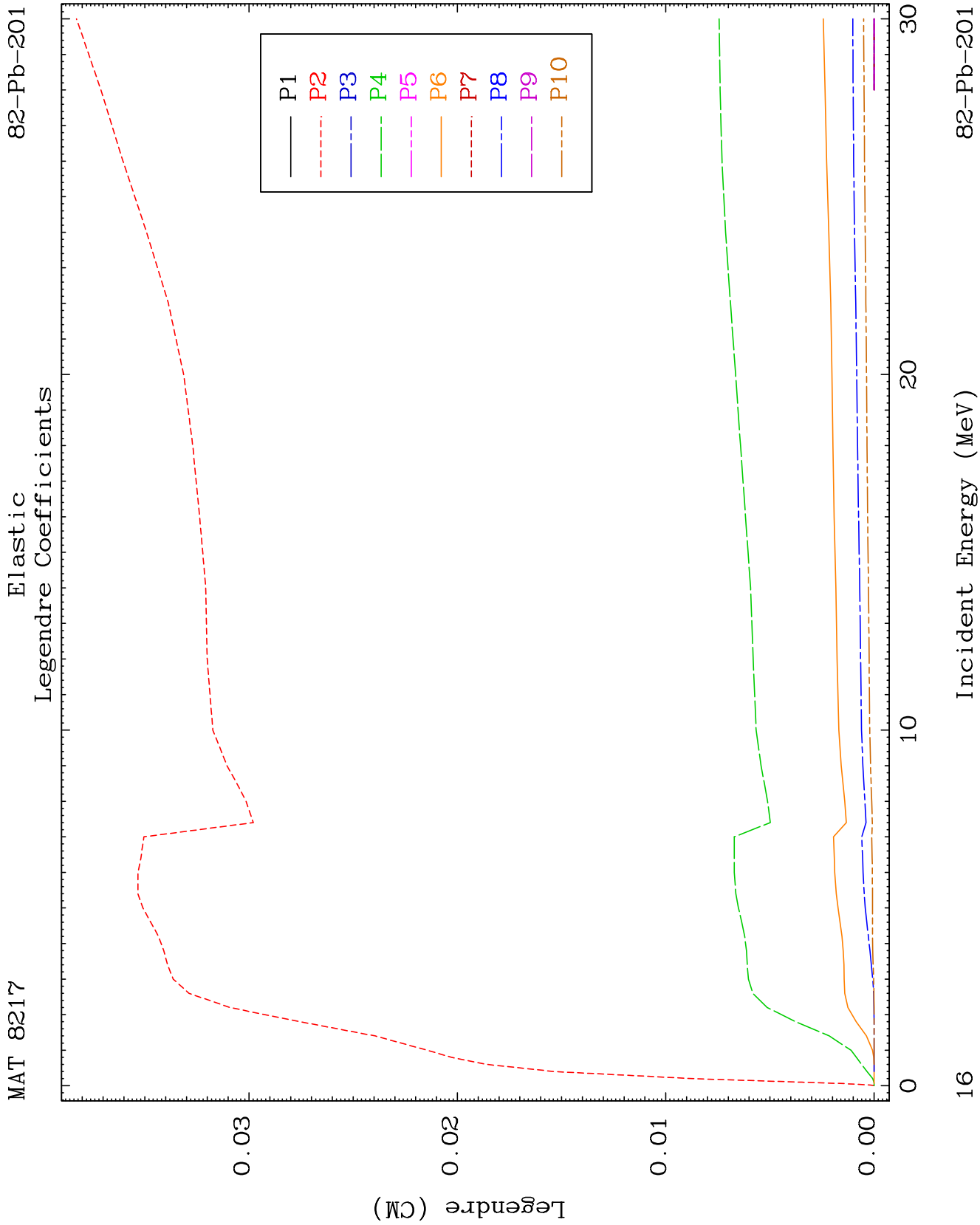
MAT 8217

(n,α) Levels
293 Kelvin Cross Sections

82-Pb-201



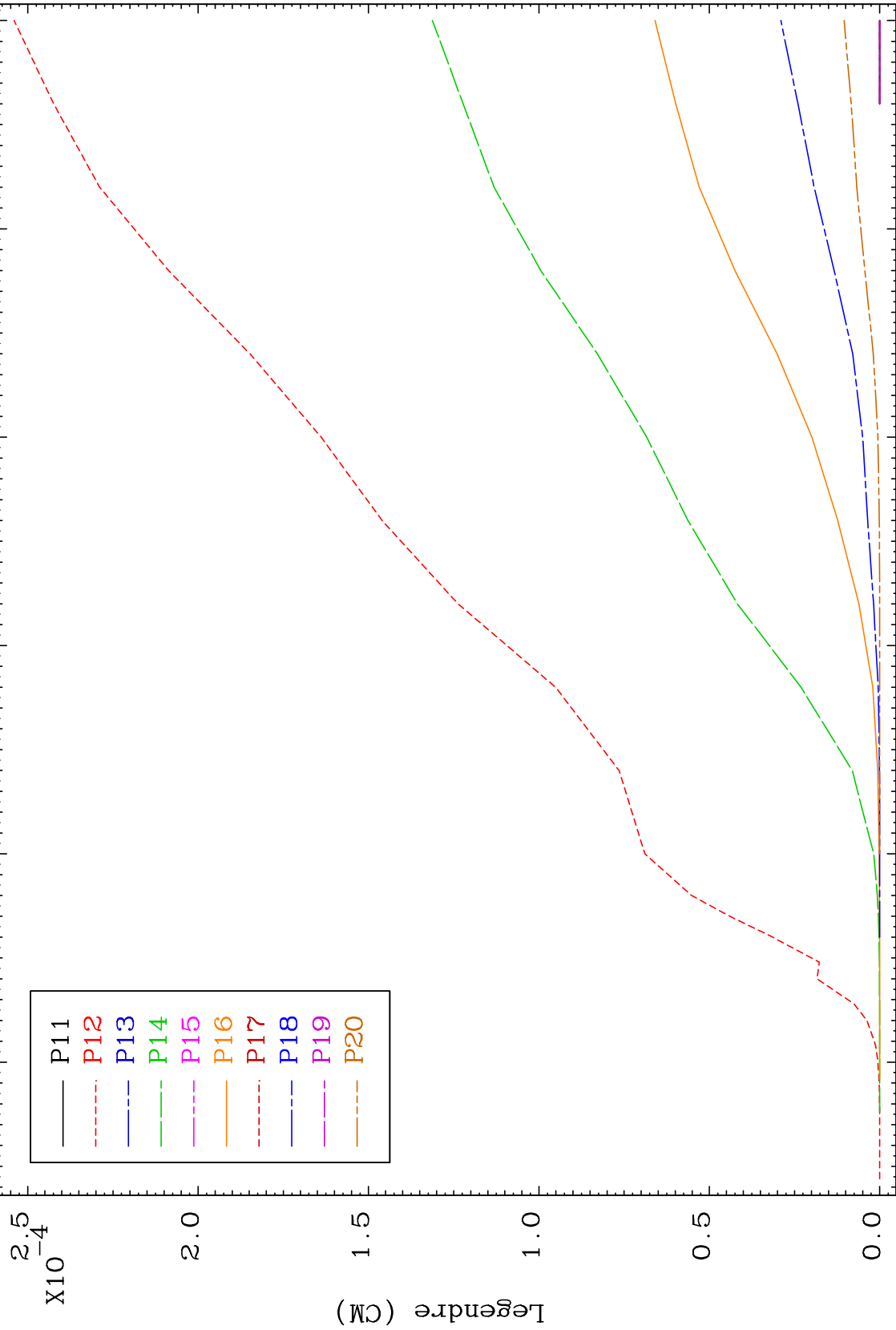




MAT 8217

Elastic Legendre Coefficients

82-Pb-201



17

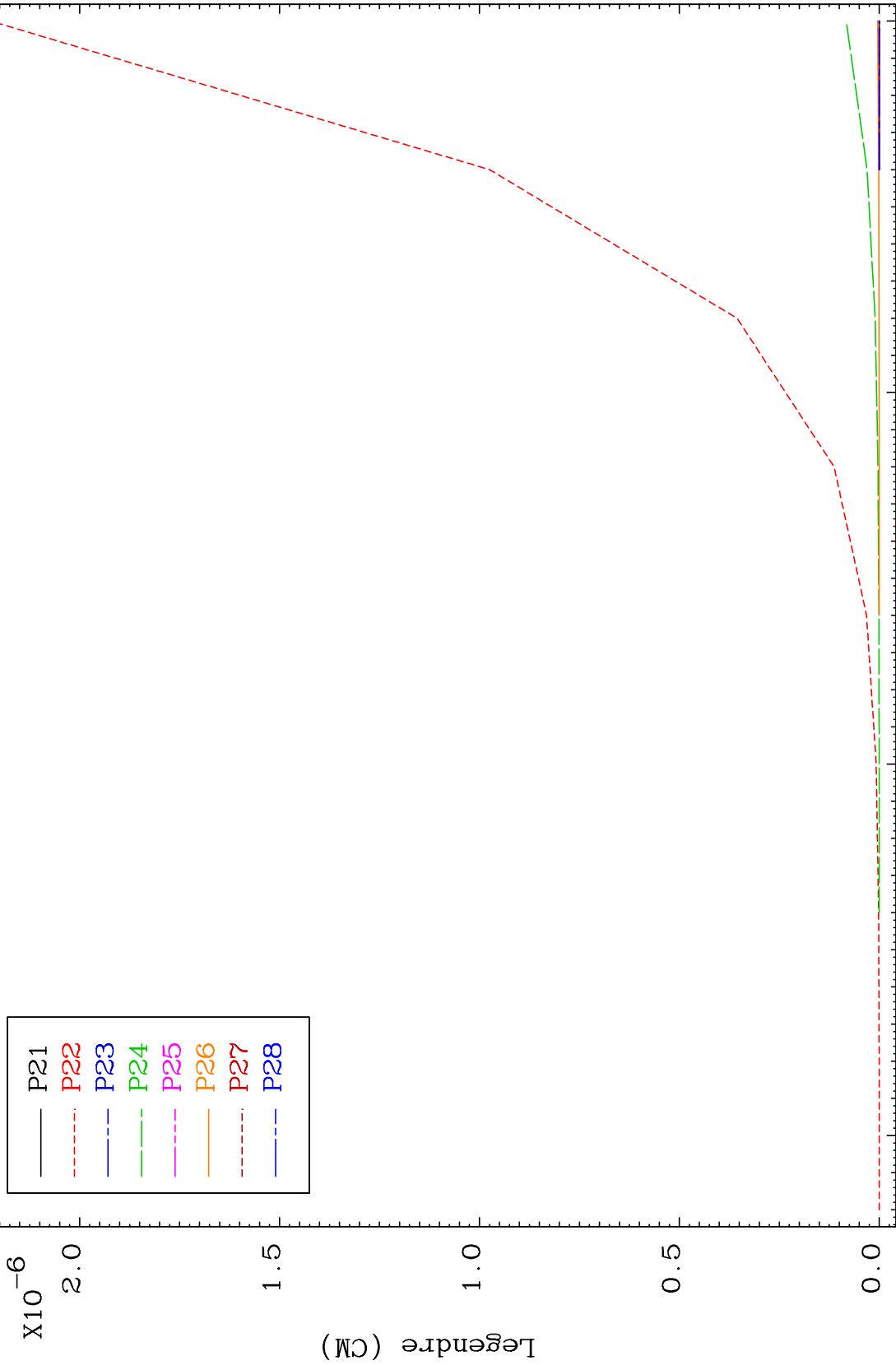
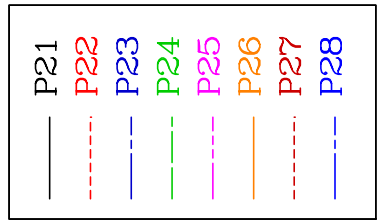
Incident Energy (MeV)

82-Pb-201

MAT 8217

Elastic Legendre Coefficients

82-Pb-201



18

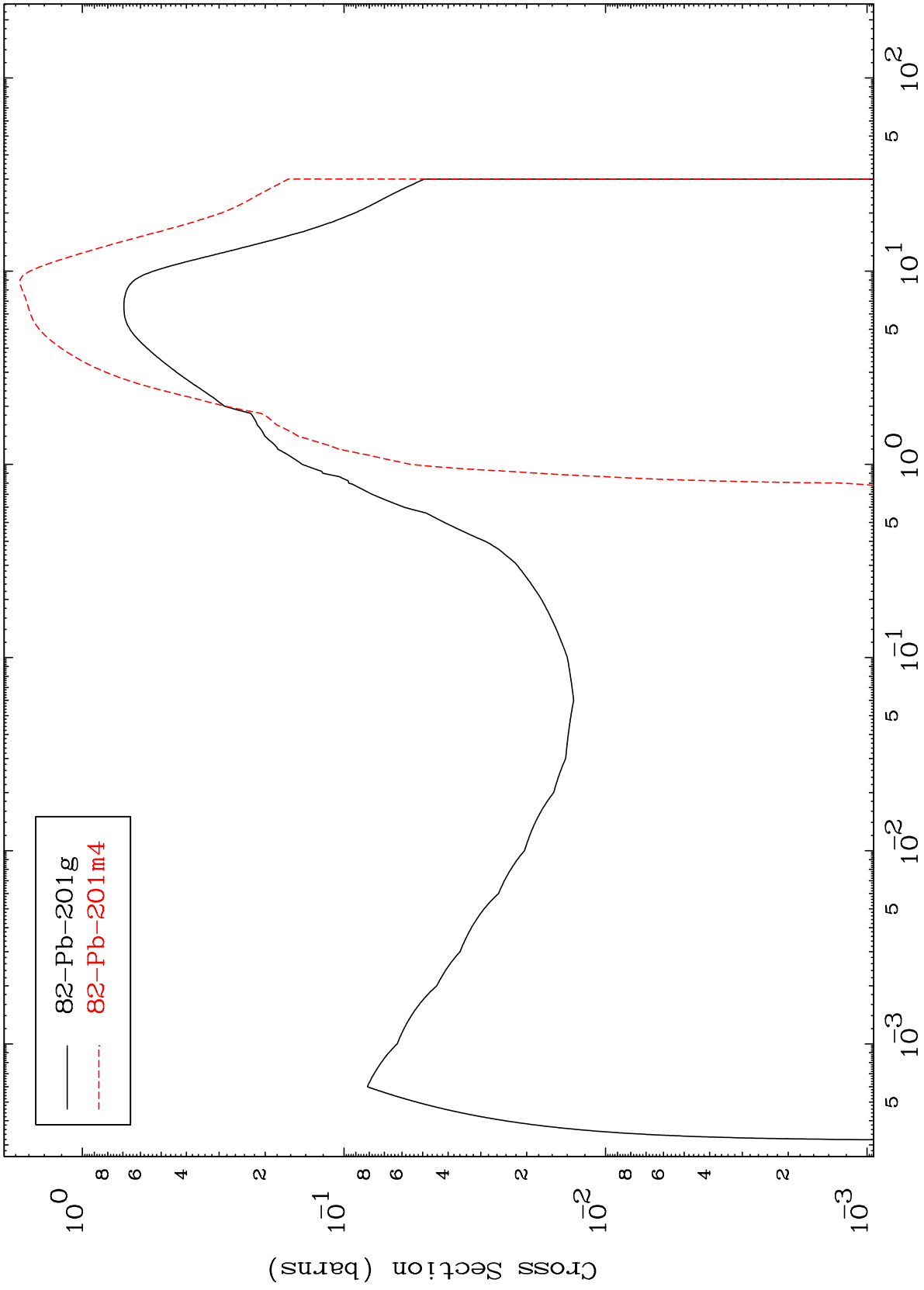
Incident Energy (MeV)

82-Pb-201

MAT 8217

Inelastic
Radionuclide Production Cross Section

82-Pb-201



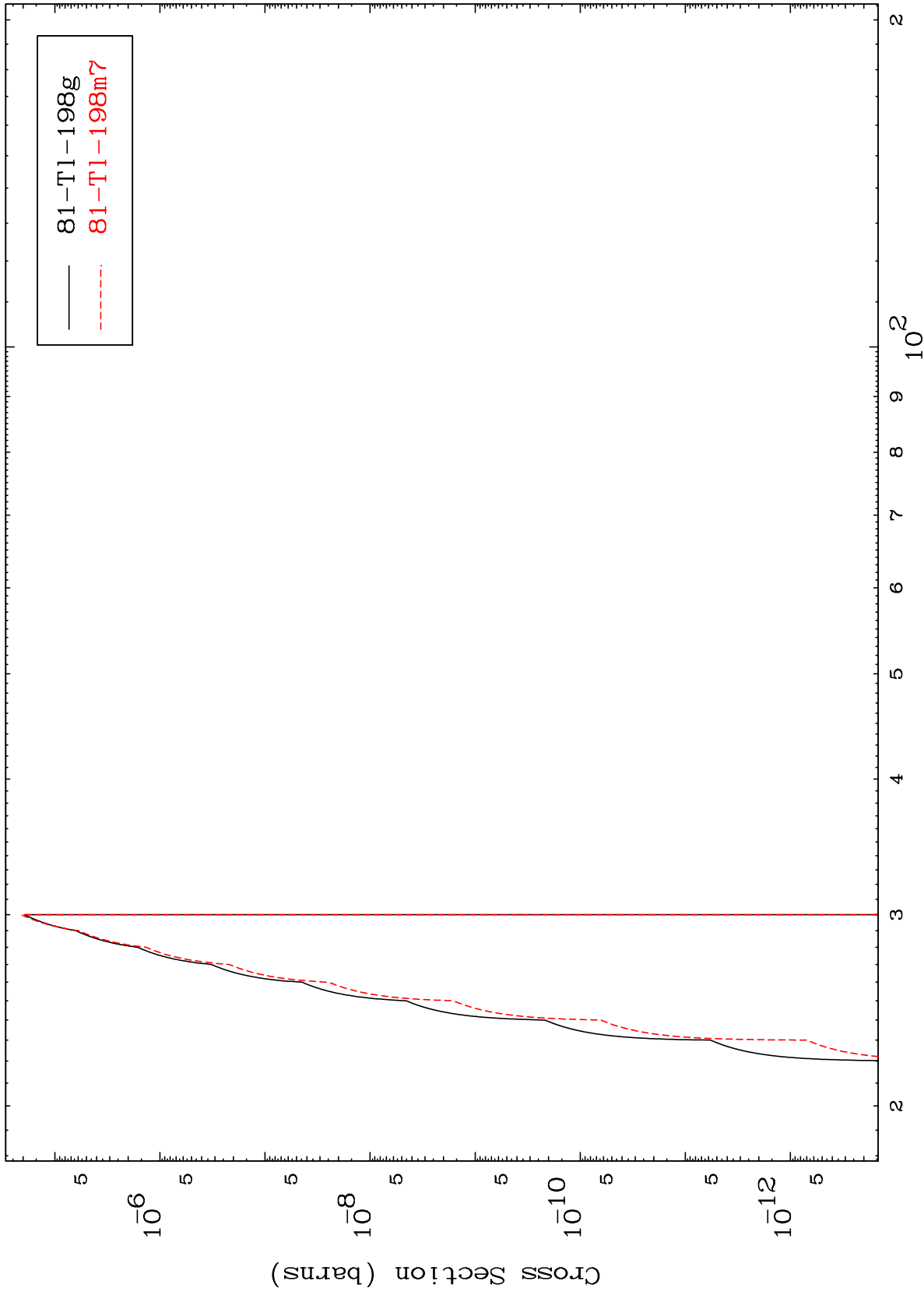
82-Pb-201

MAT 8217

(n,2n) d

82-Pb-201

Radionuclide Production Cross Section



20

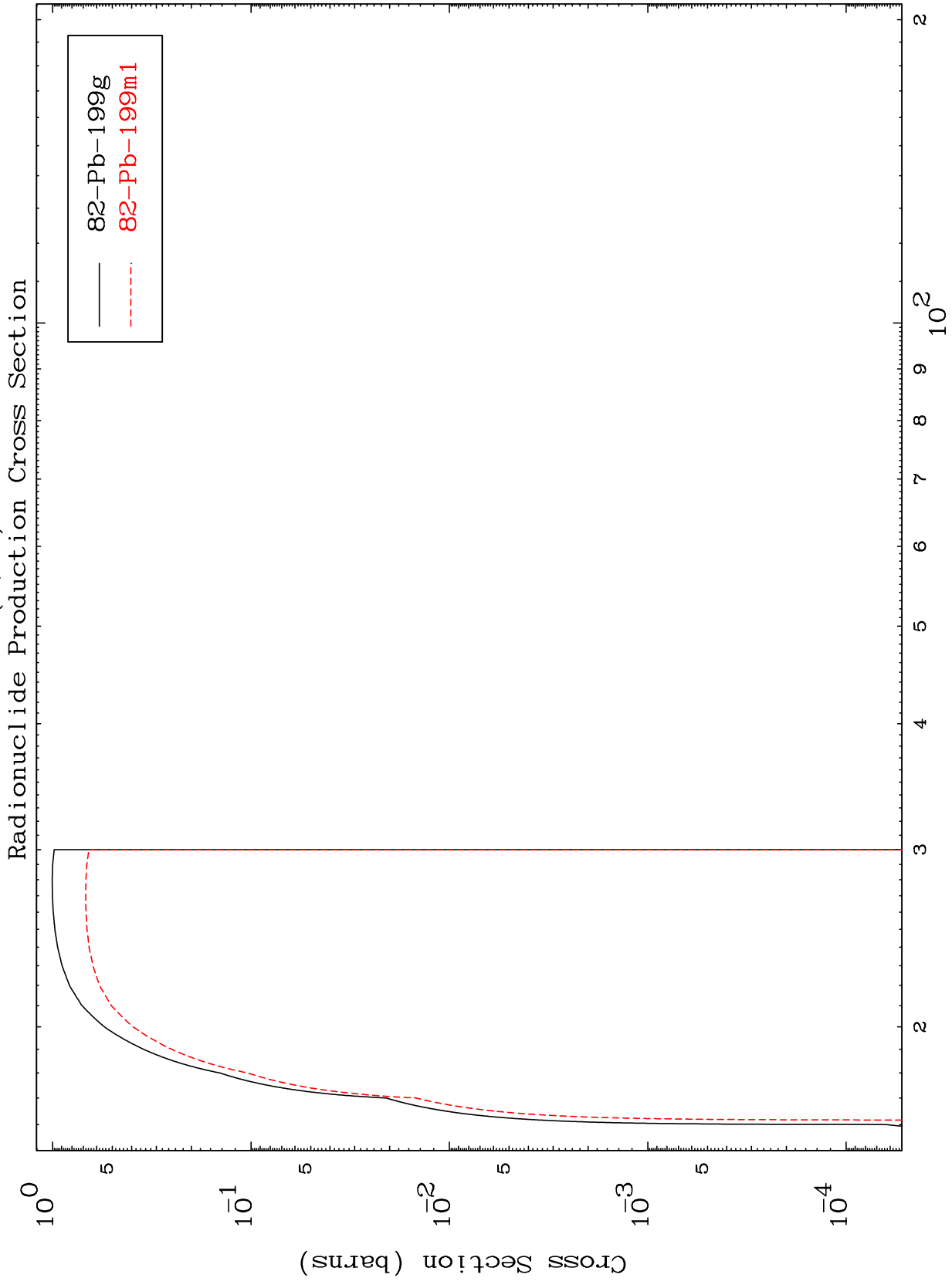
Incident Energy (MeV)

82-Pb-201

MAT 8217

(n,3n)

82-Pb-201



21

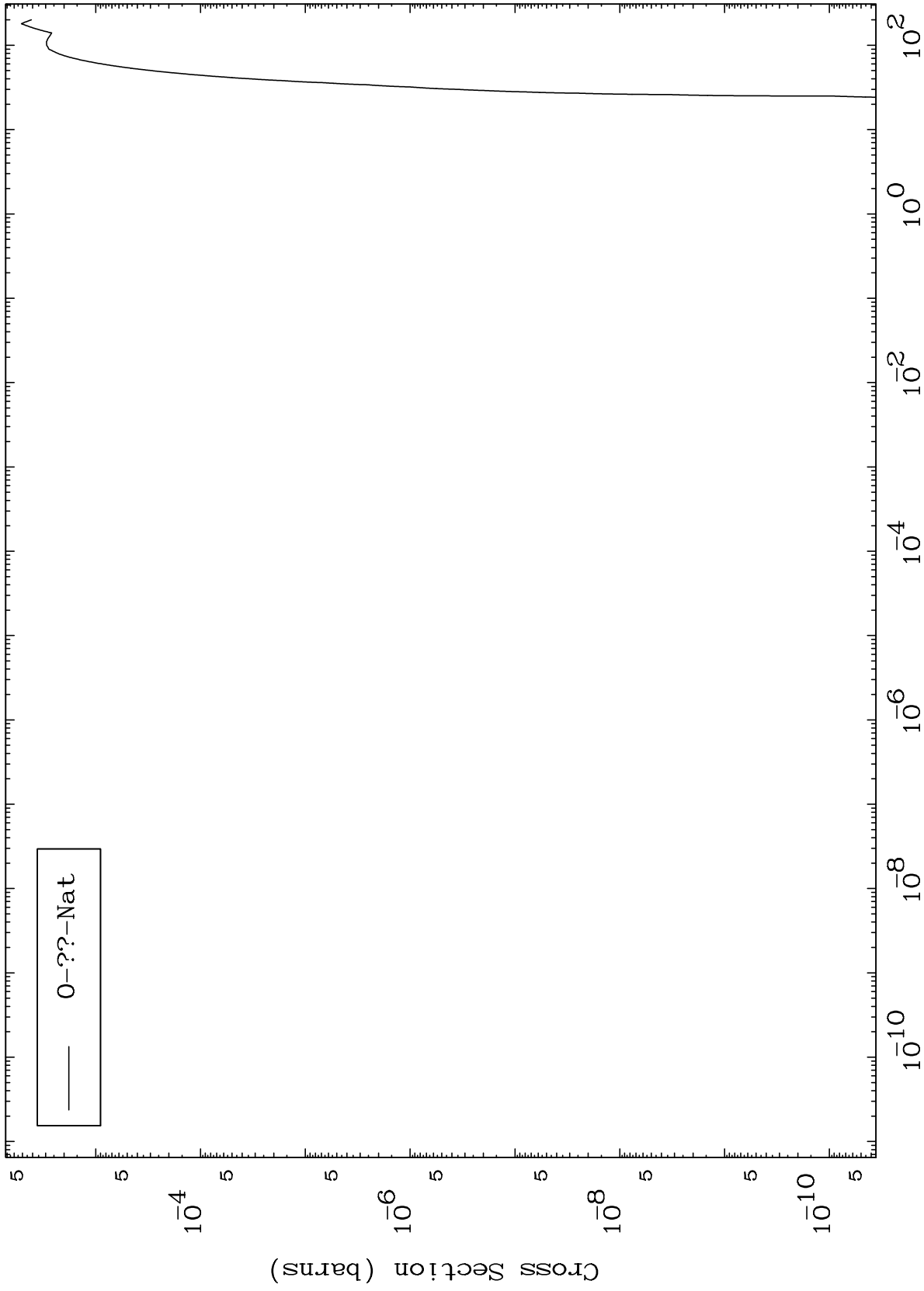
82-Pb-201

MAT 8217

Fission

82-Pb-201

Radionuclide Production Cross Section



22

Incident Energy (MeV)

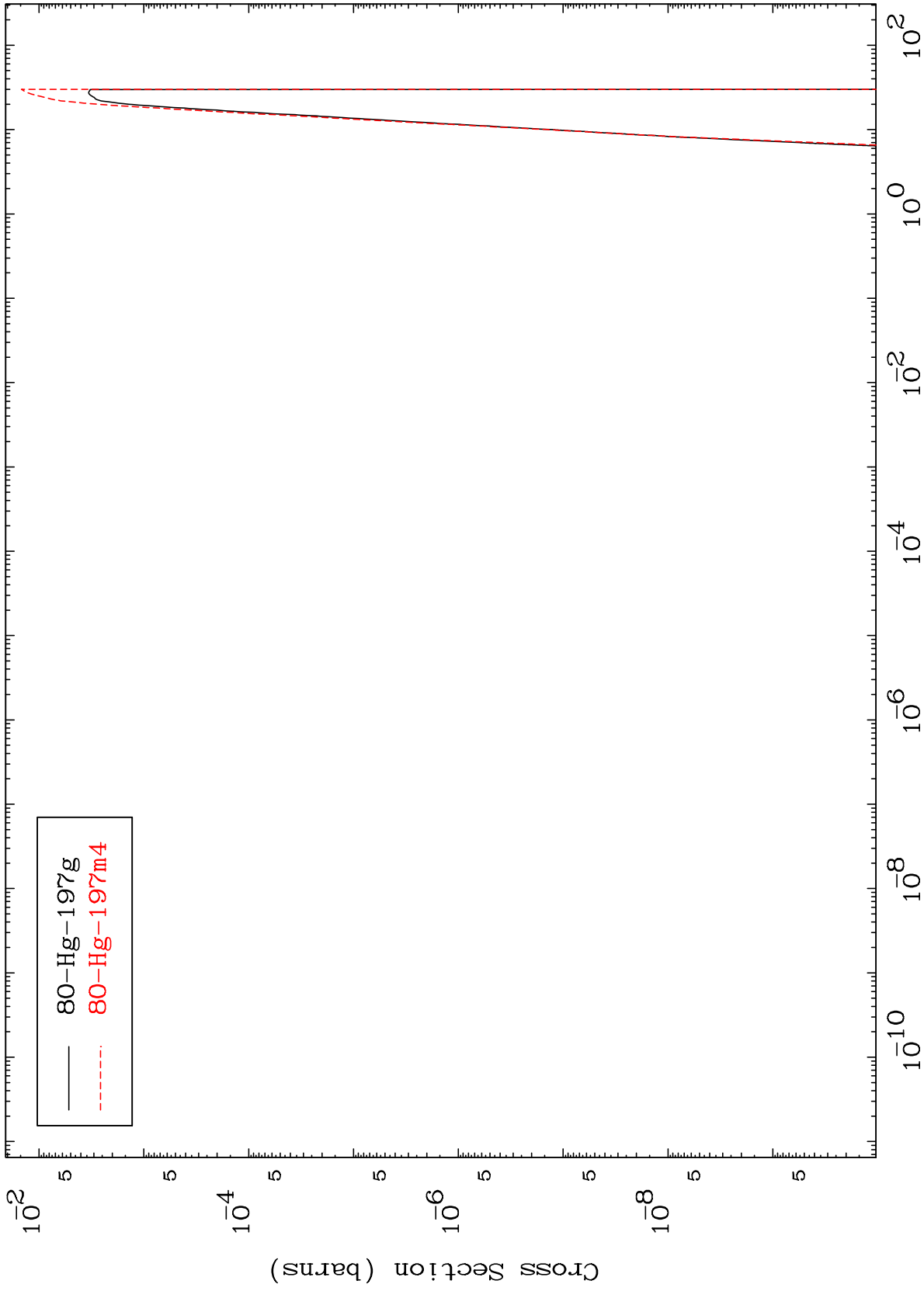
82-Pb-201

MAT 8217

(n,n') α

82-Pb-201

Radionuclide Production Cross Section



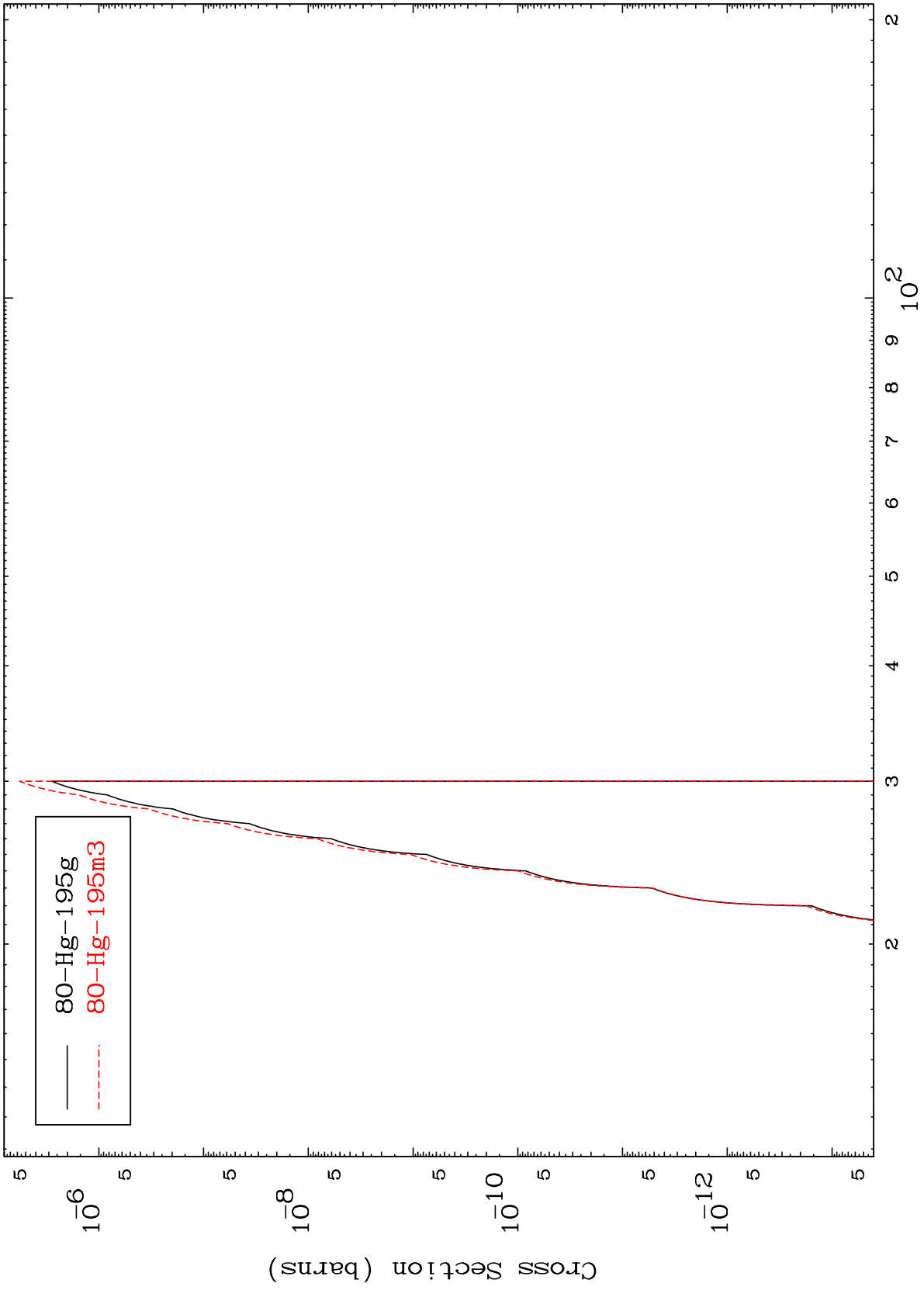
80-Hg-197g
80-Hg-197m4

MAT 8217

(n,3n) α

82-Pb-201

Radionuclide Production Cross Section



24

Incident Energy (MeV)

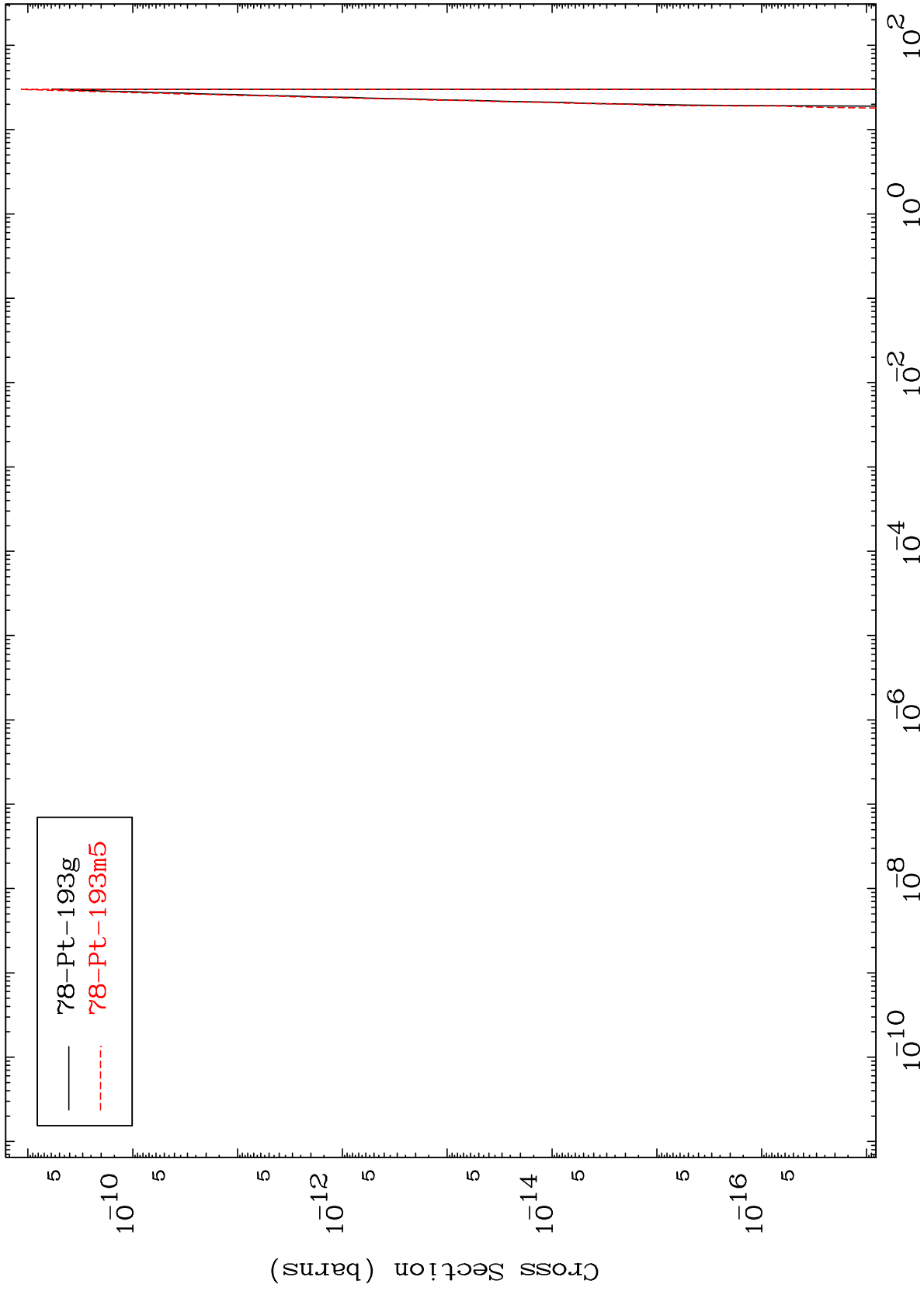
82-Pb-201

MAT 8217

(n,n') 2 α

82-Pb-201

Radionuclide Production Cross Section



25

Incident Energy (MeV)

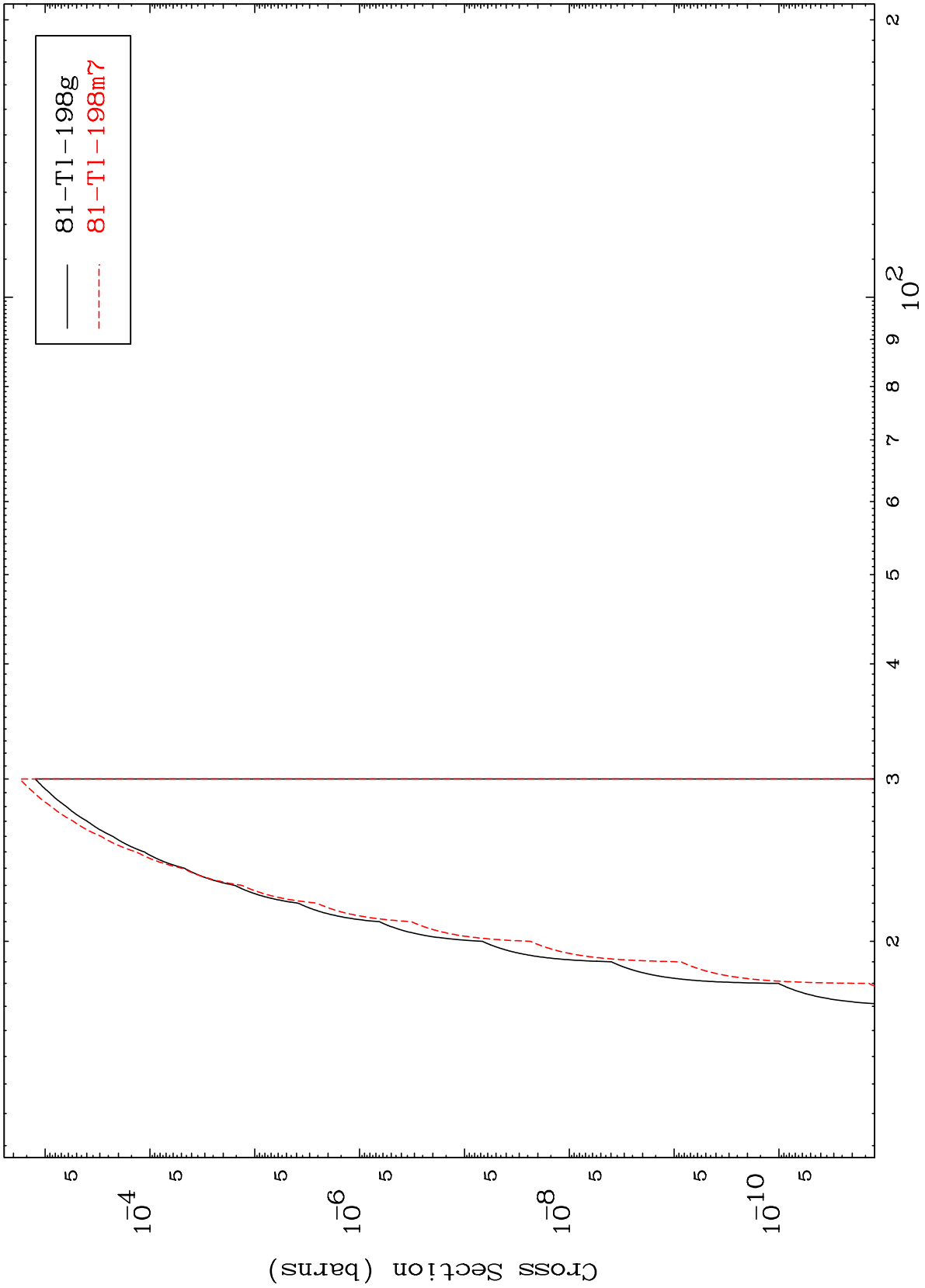
82-Pb-201

MAT 8217

(n, n') t

82-Pb-201

Radionuclide Production Cross Section



26

Incident Energy (MeV)

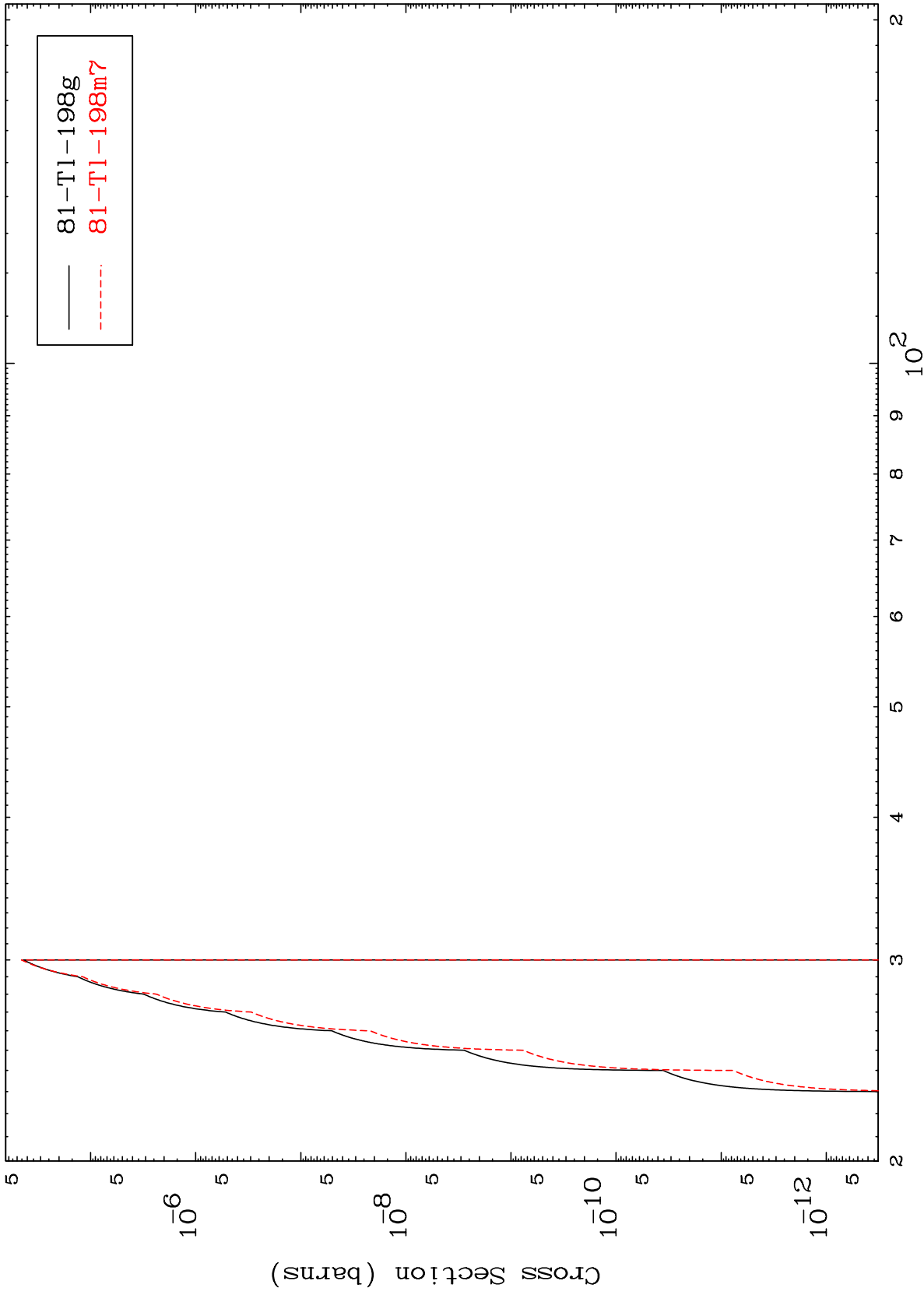
82-Pb-201

MAT 8217

(n,3n) p

82-Pb-201

Radionuclide Production Cross Section



27

Incident Energy (MeV)

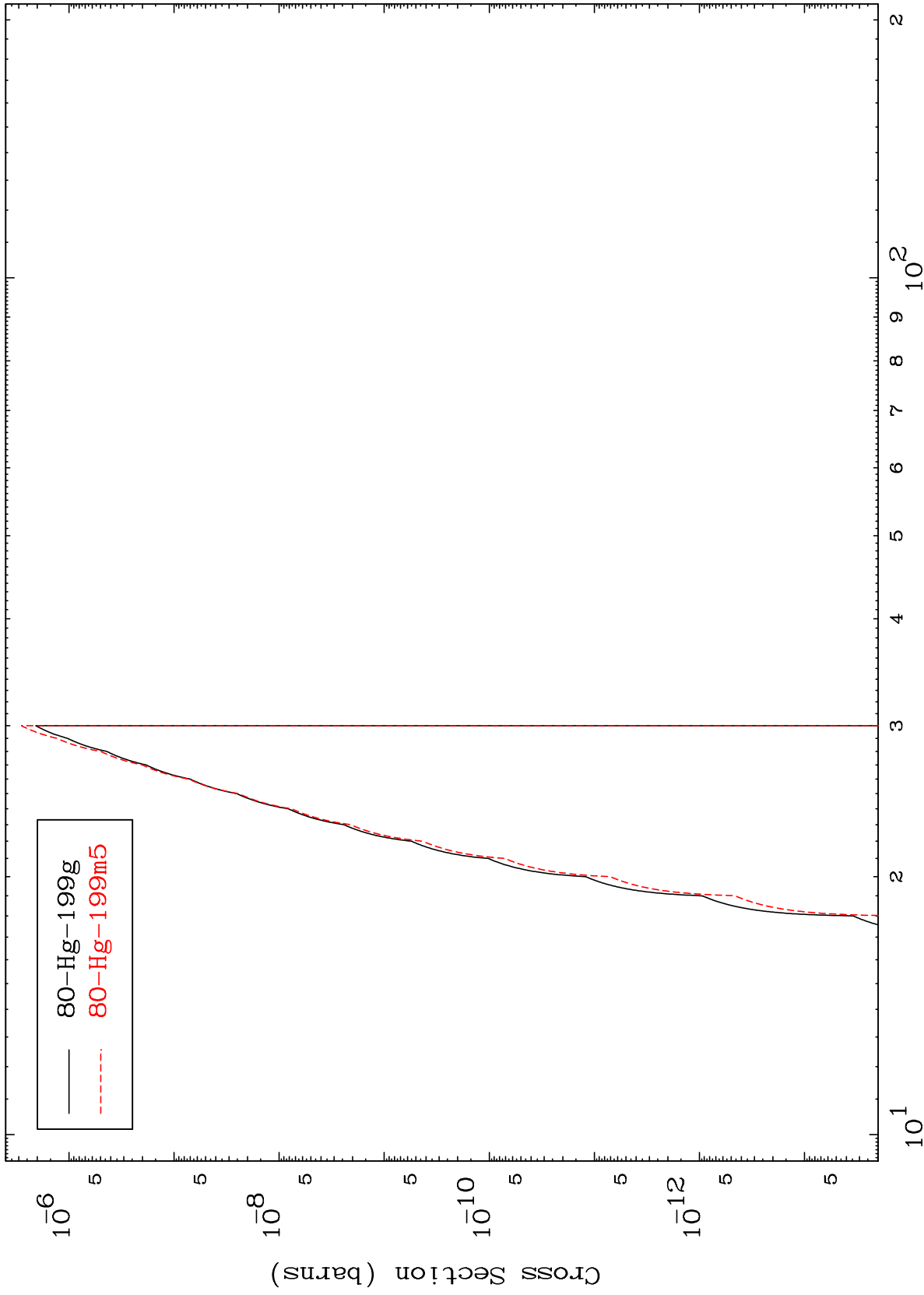
82-Pb-201

MAT 8217

(n,2n) p

82-Pb-201

Radionuclide Production Cross Section



28

Incident Energy (MeV)

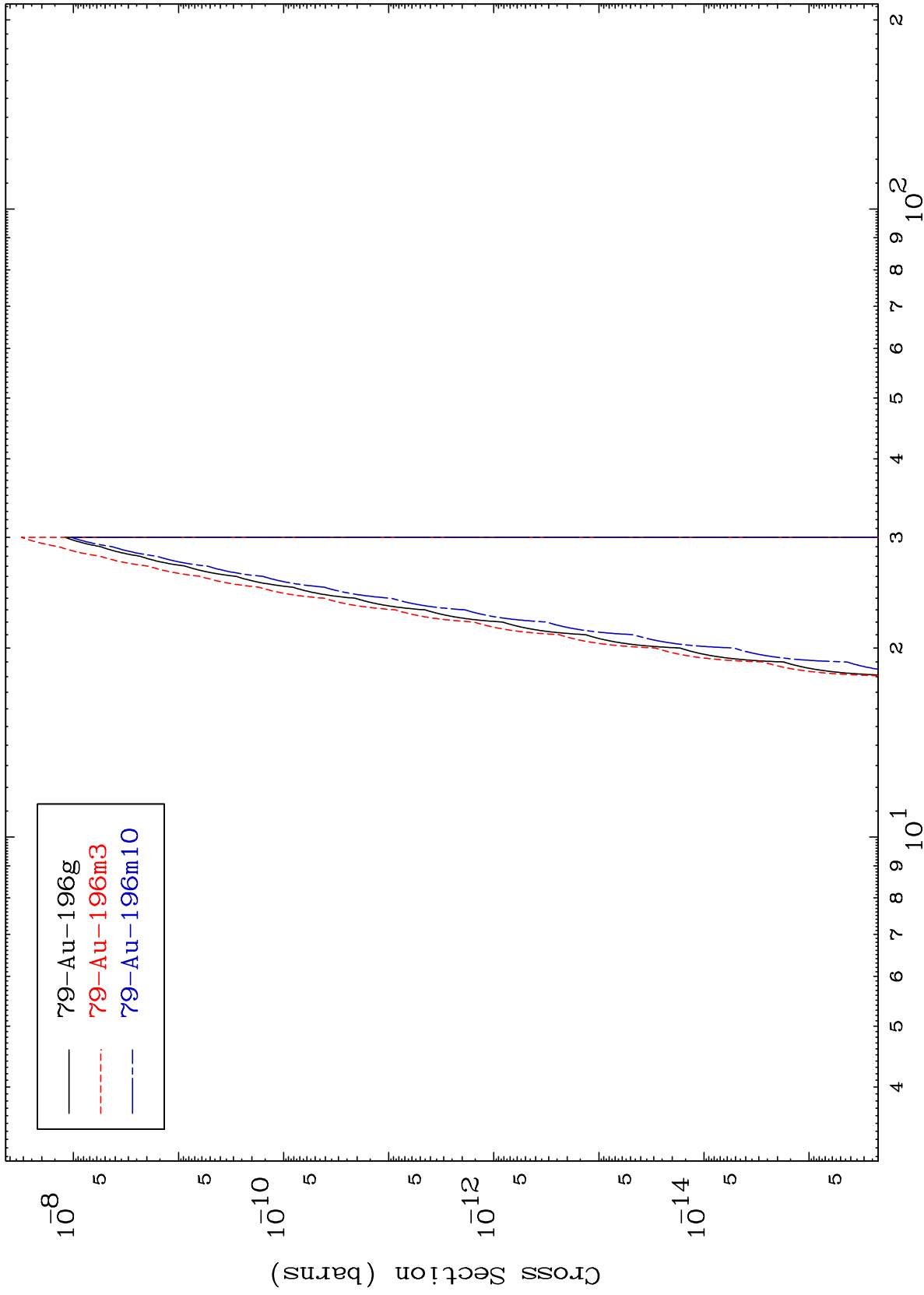
82-Pb-201

MAT 8217

(n,n') p α

82-Pb-201

Radionuclide Production Cross Section



29

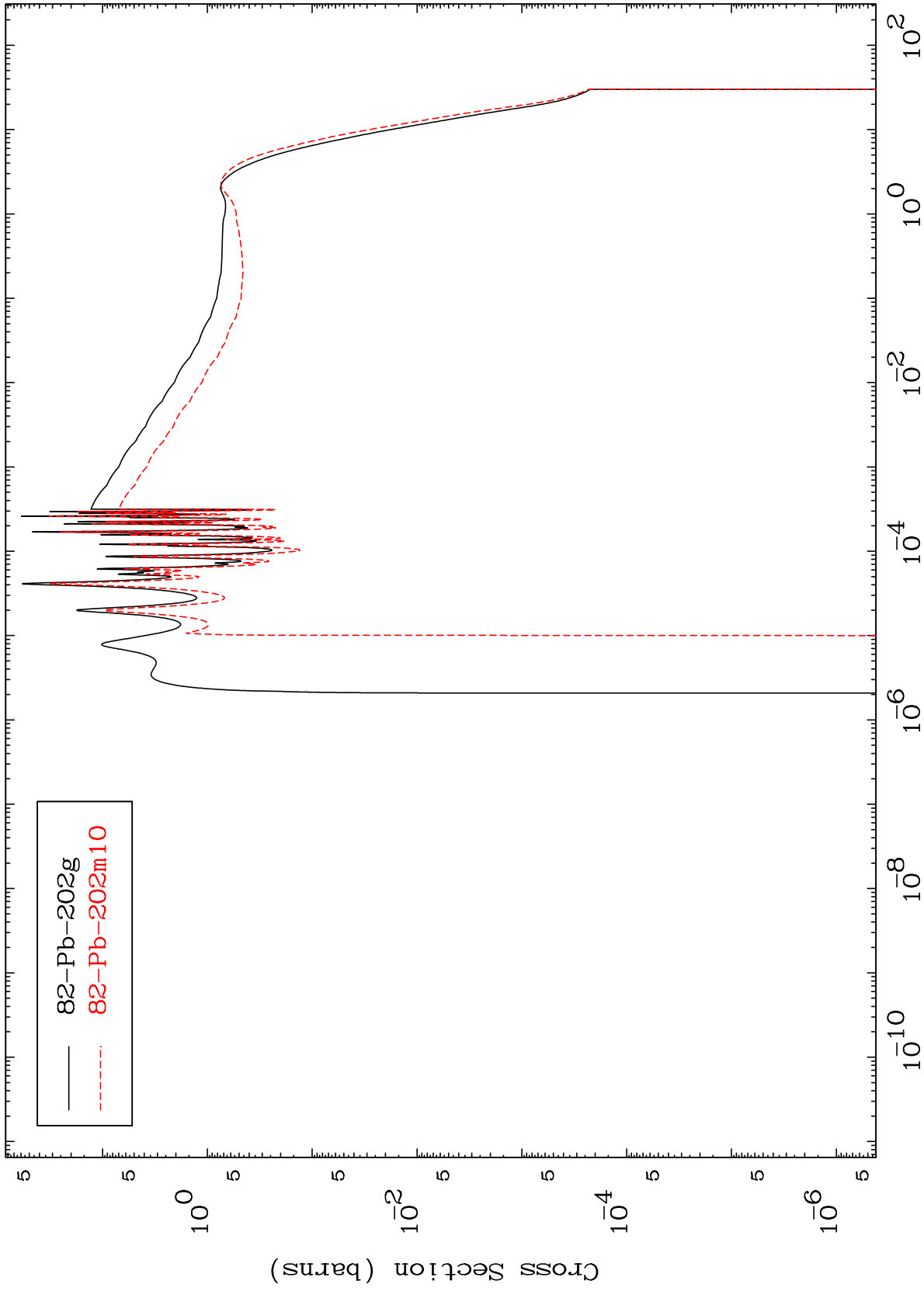
Incident Energy (MeV)

82-Pb-201

MAT 8217

82-Pb-201

Radionuclide Production Cross Section

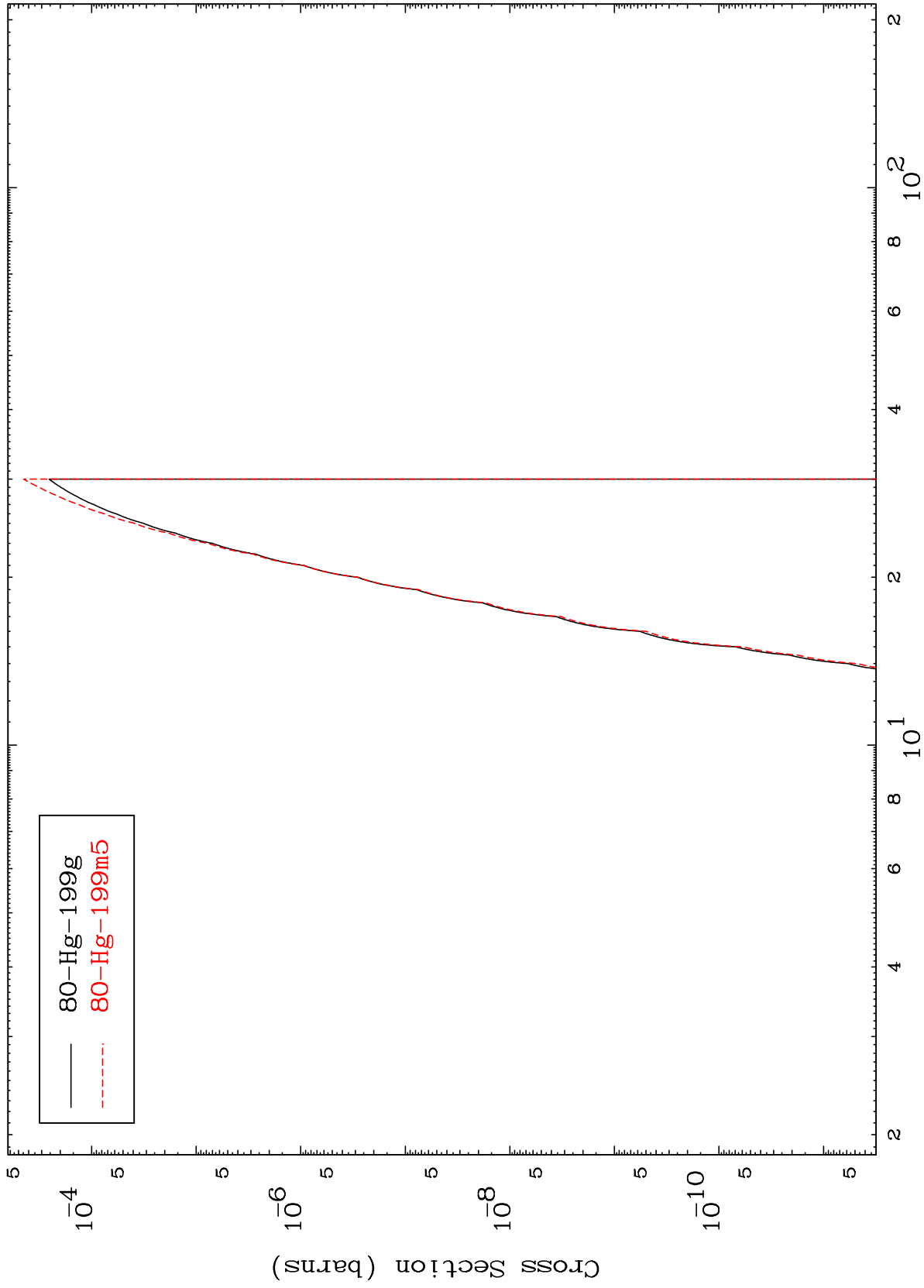


MAT 8217

(n, He-3)

82-Pb-201

Radionuclide Production Cross Section



31

Incident Energy (MeV)

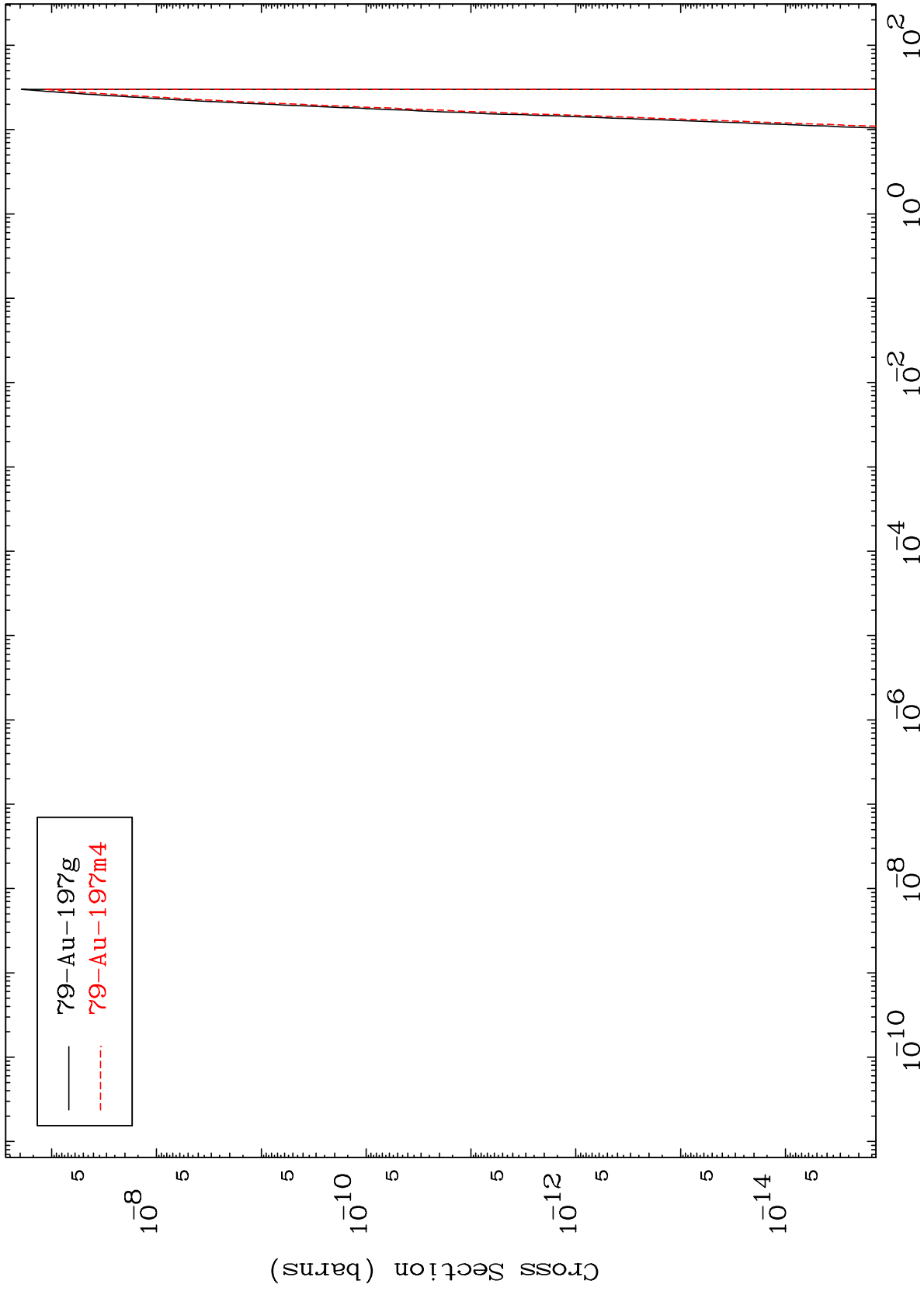
82-Pb-201

MAT 8217

(n,p) α

82-Pb-201

Radionuclide Production Cross Section



32

Incident Energy (MeV)

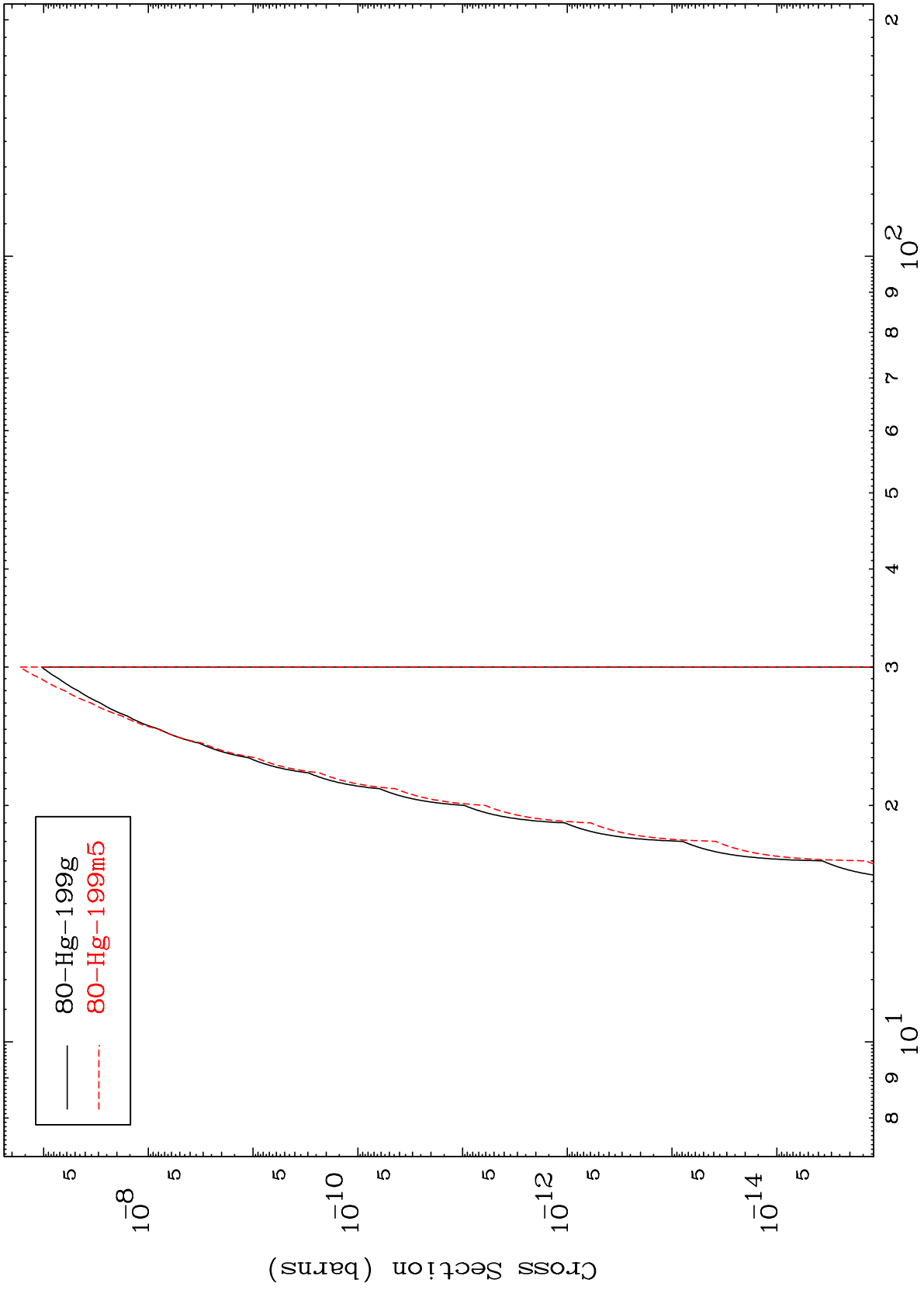
82-Pb-201

MAT 8217

(n,p) d

82-Pb-201

Radionuclide Production Cross Section



33

Incident Energy (MeV)

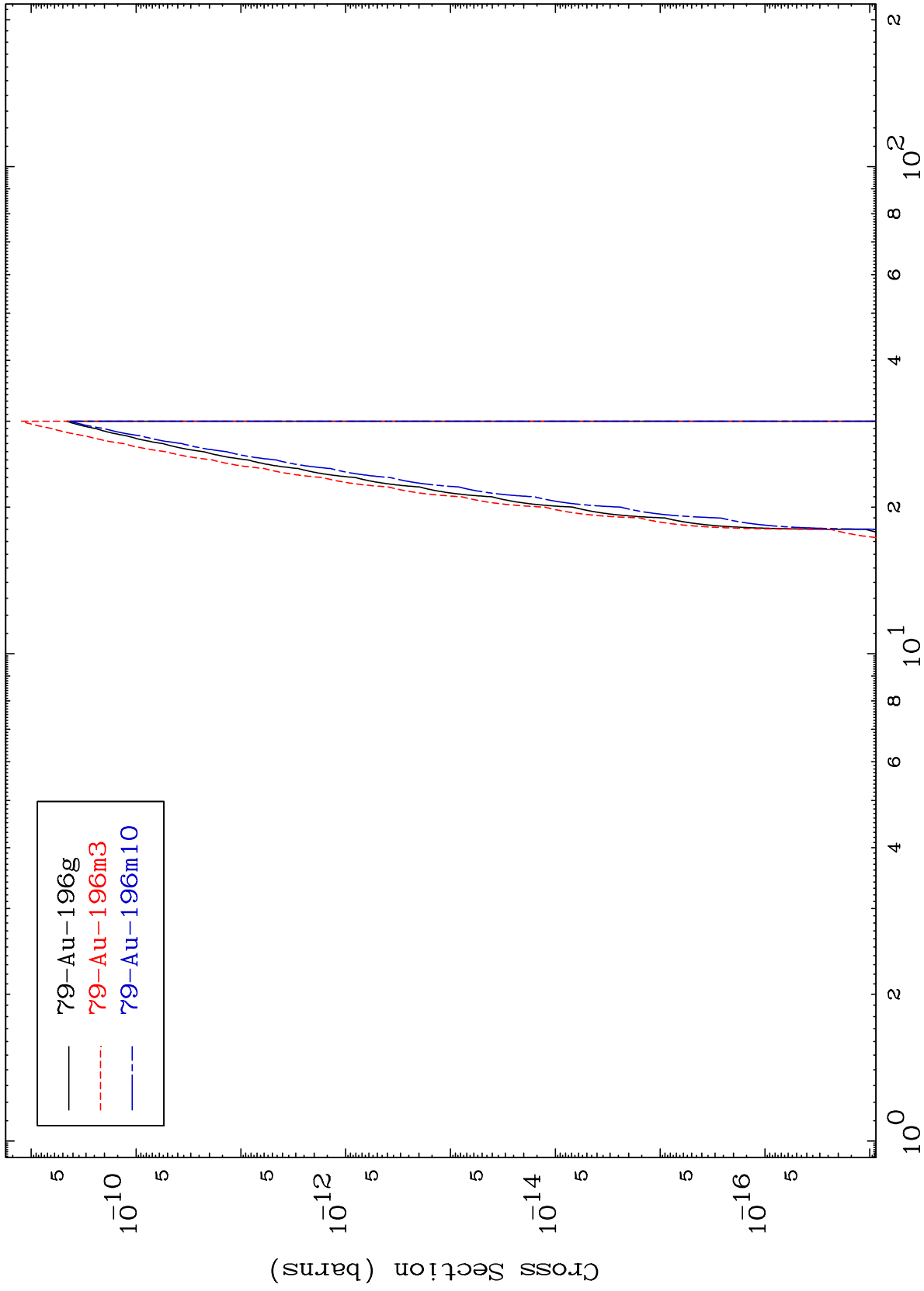
82-Pb-201

MAT 8217

(n,d) α

82-Pb-201

Radionuclide Production Cross Section



34

Incident Energy (MeV)

82-Pb-201