

Program EVALPLOT  
(Version 2018-1)

by

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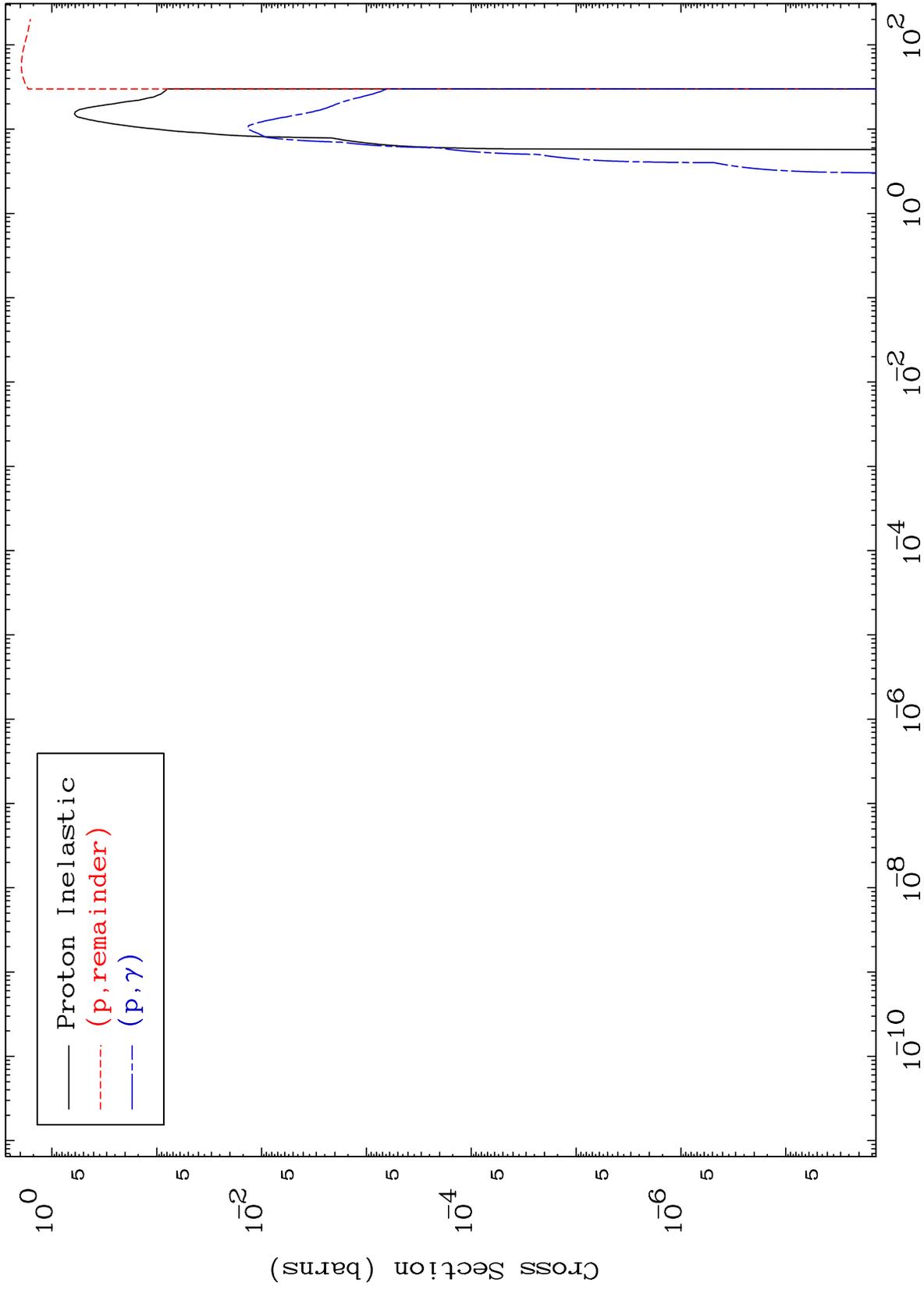
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8296

Proton Major  
0 Kelvin Cross Sections

83-Bi-199



1

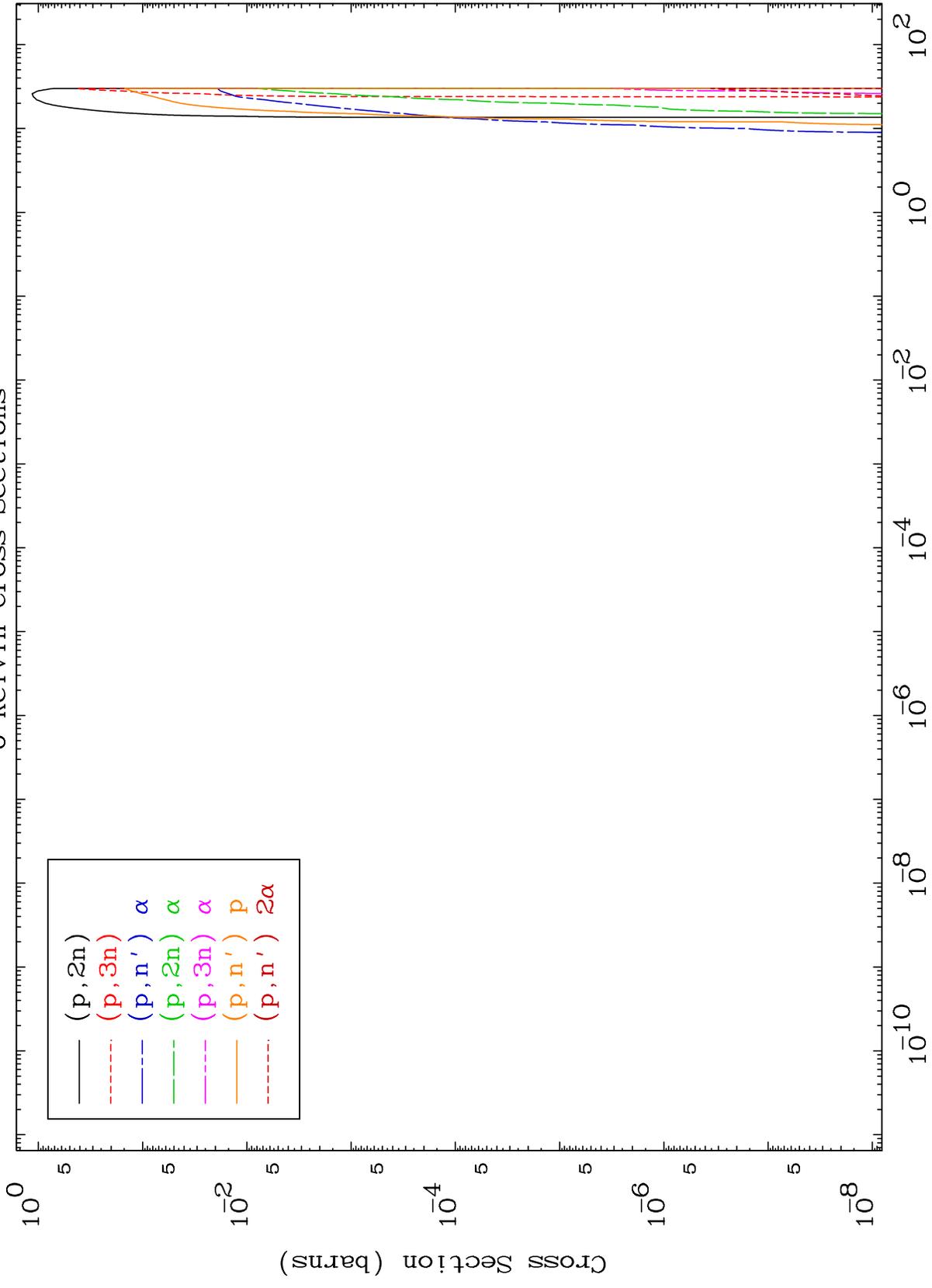
Incident Energy (MeV)

83-Bi-199

MAT 8296

Proton Neutron Production  
0 Kelvin Cross Sections

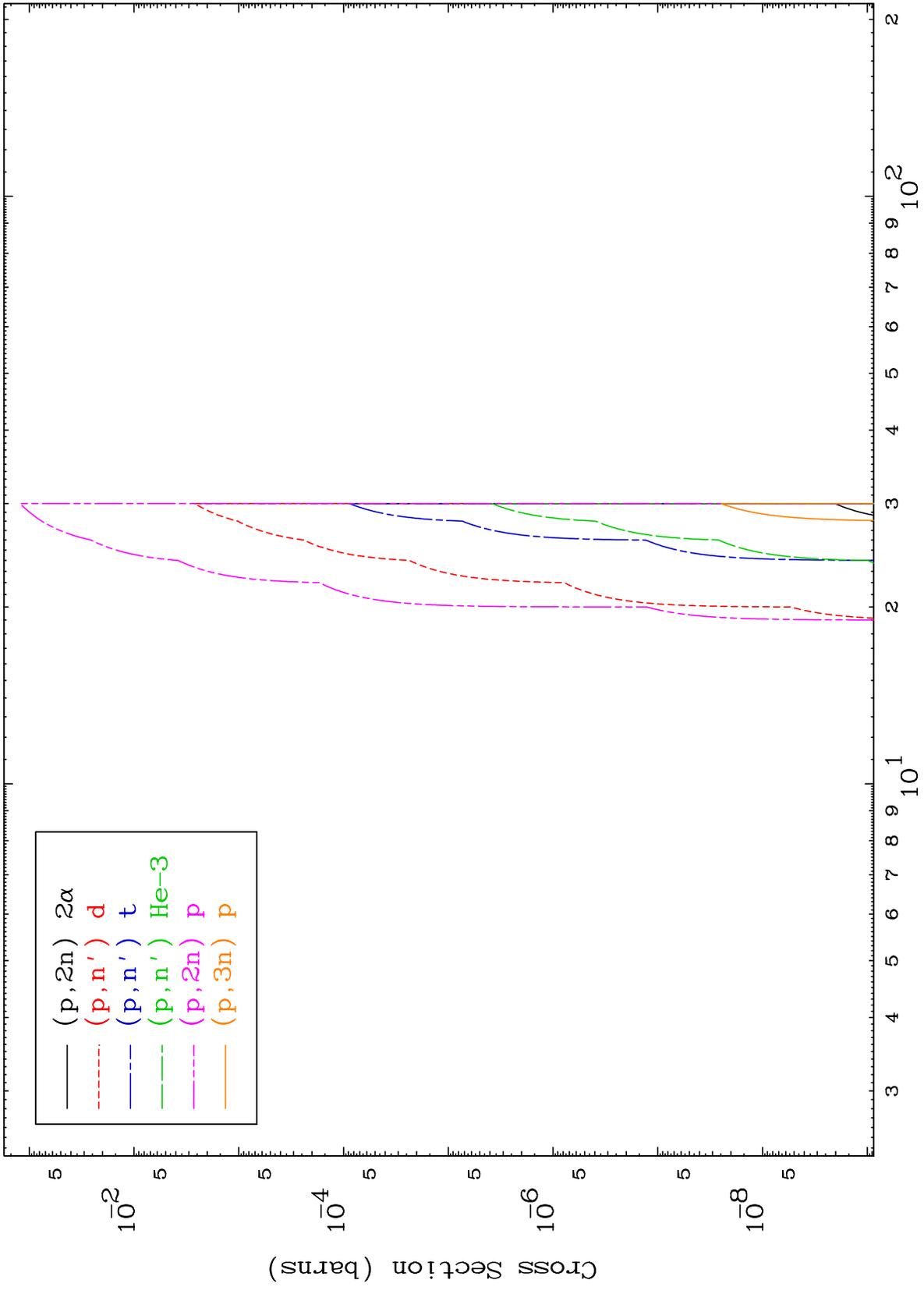
83-Bi-199



2

Incident Energy (MeV)

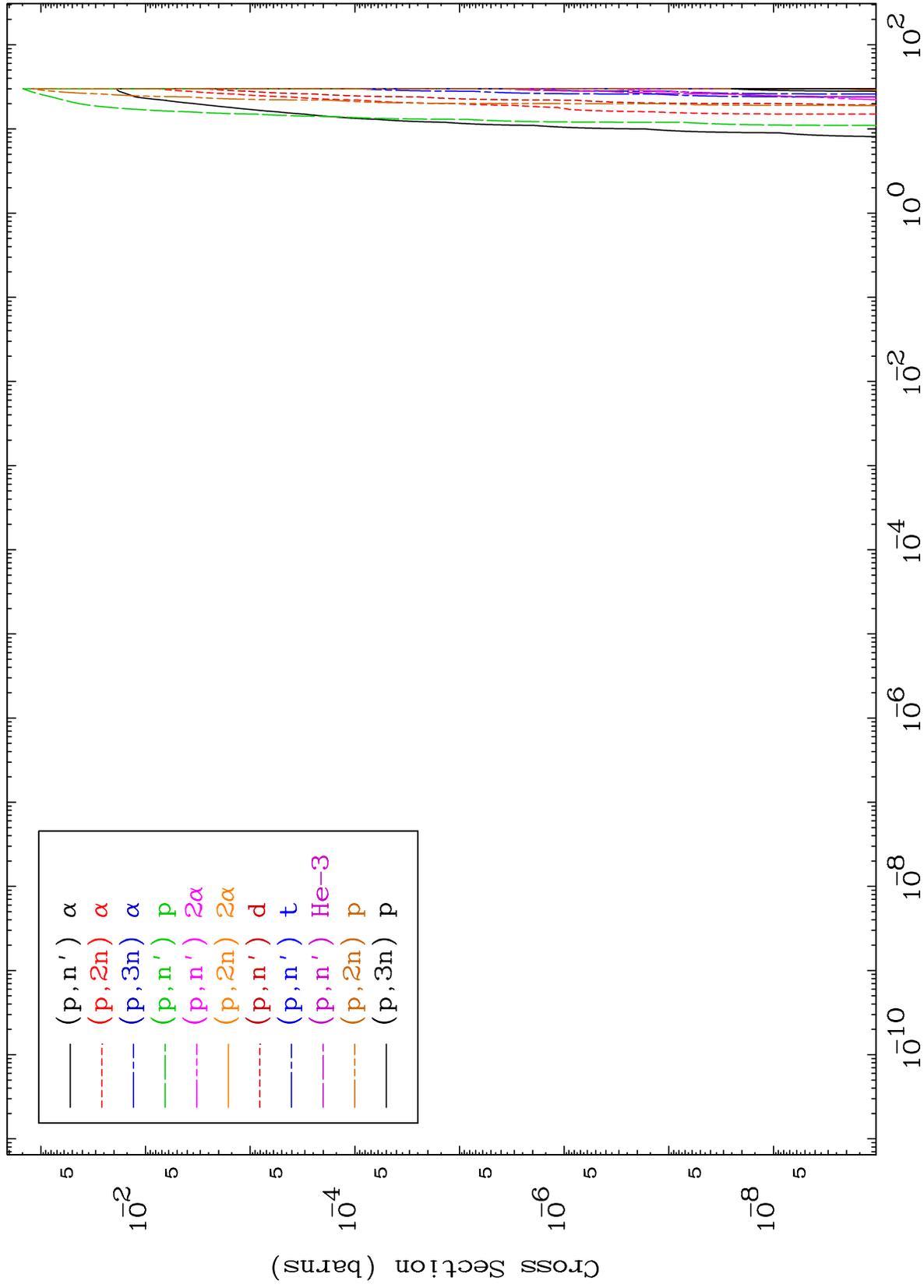
83-Bi-199

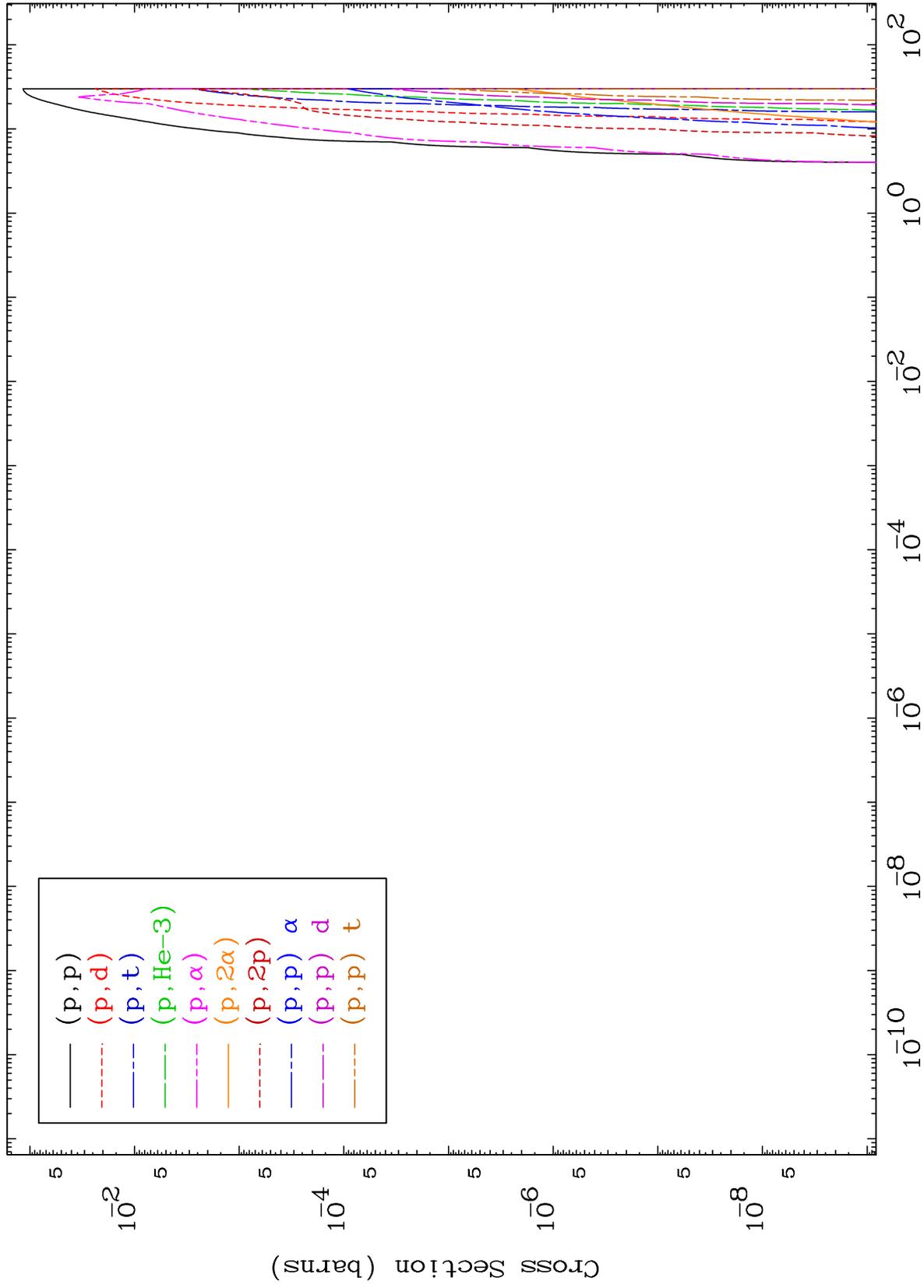


MAT 8296

Proton Charged Particle  
0 Kelvin Cross Sections

83-Bi-199

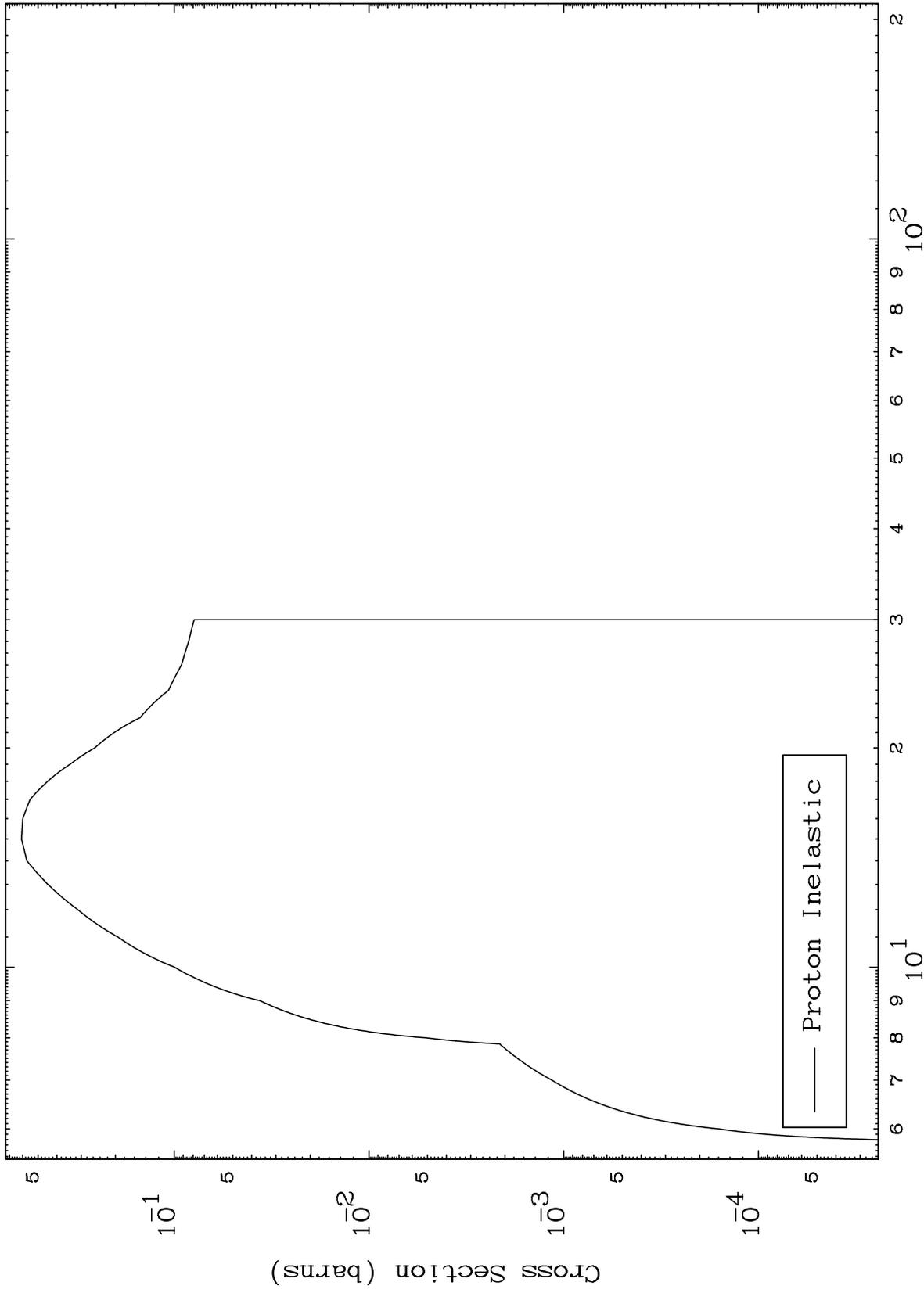




MAT 8296

(p,n') Level  
0 Kelvin Cross Sections

83-Bi-199



6

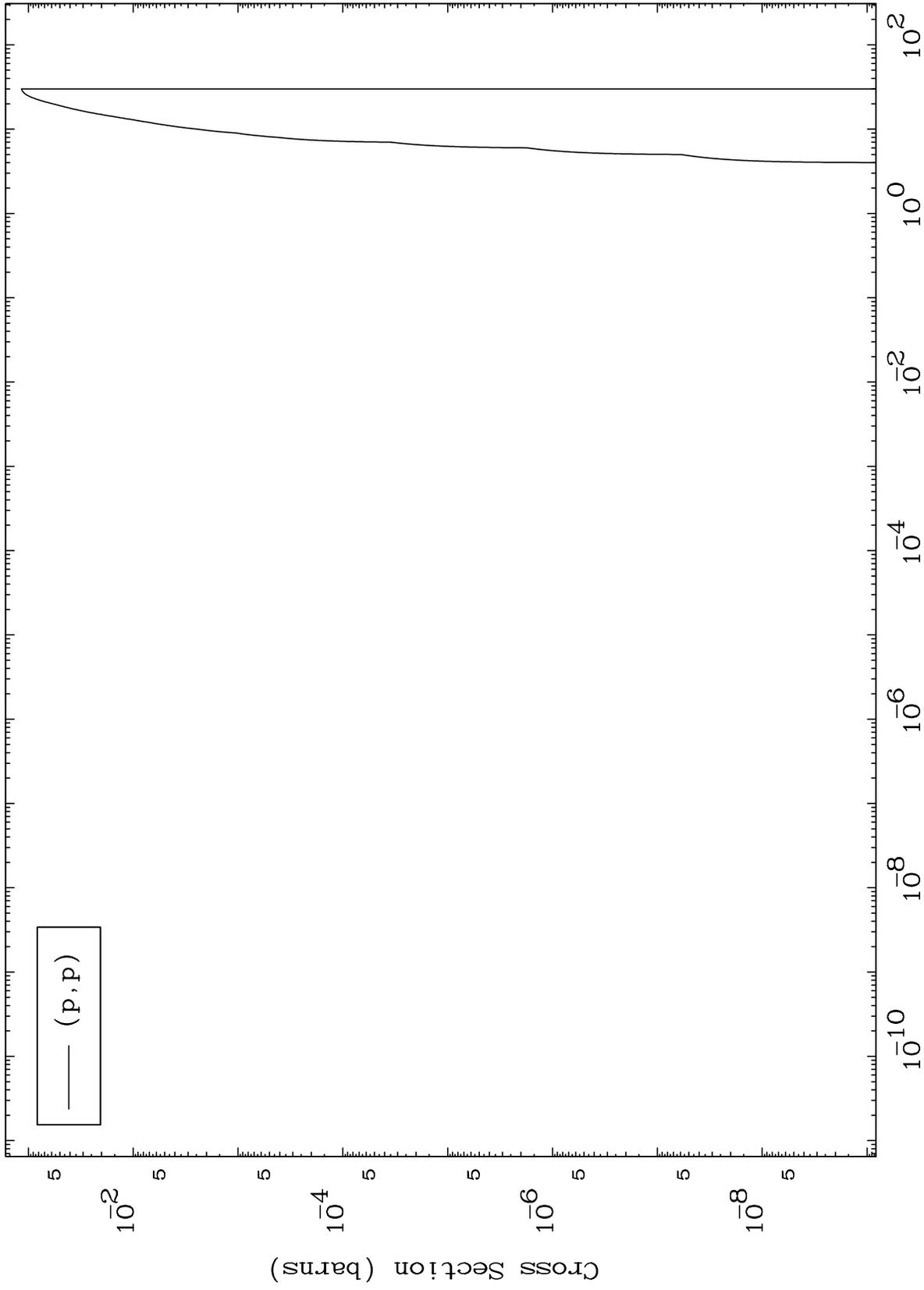
Incident Energy (MeV)

83-Bi-199

MAT 8296

(p,p) Levels  
0 Kelvin Cross Sections

83-Bi-199



7

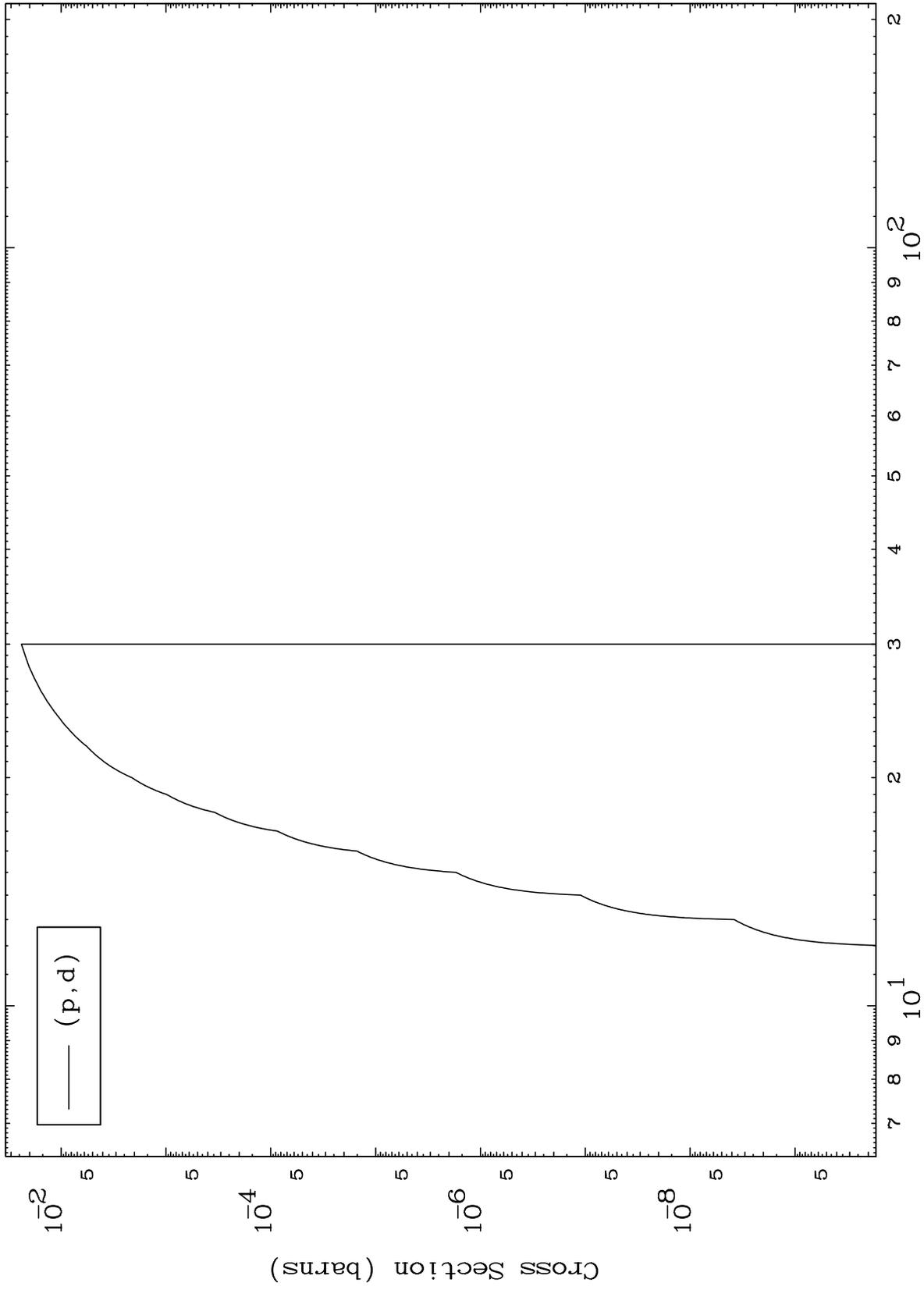
Incident Energy (MeV)

83-Bi-199

MAT 8296

(p,d) Levels  
0 Kelvin Cross Sections

83-Bi-199



8

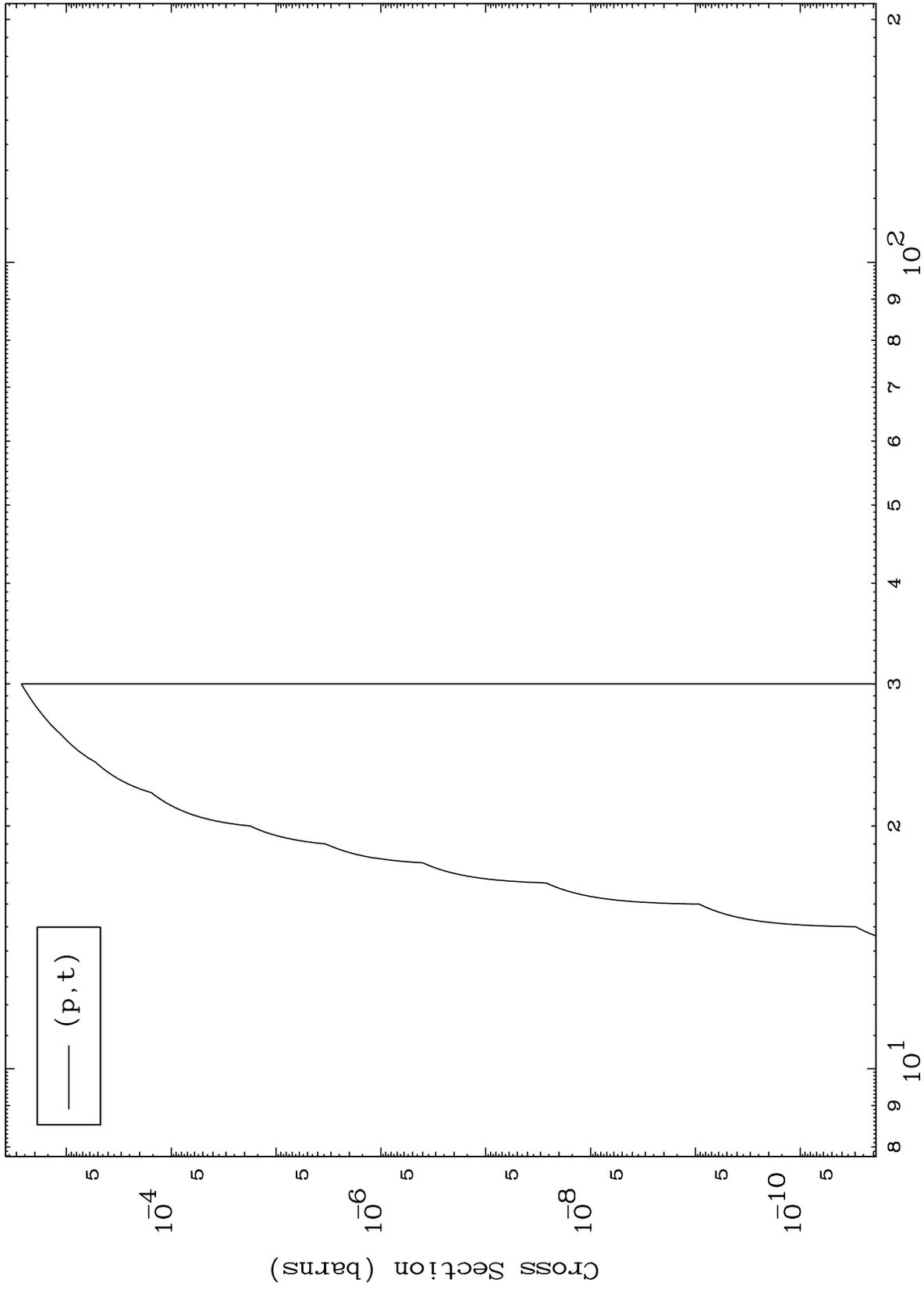
Incident Energy (MeV)

83-Bi-199

MAT 8296

(p,t) Levels  
0 Kelvin Cross Sections

83-Bi-199



9

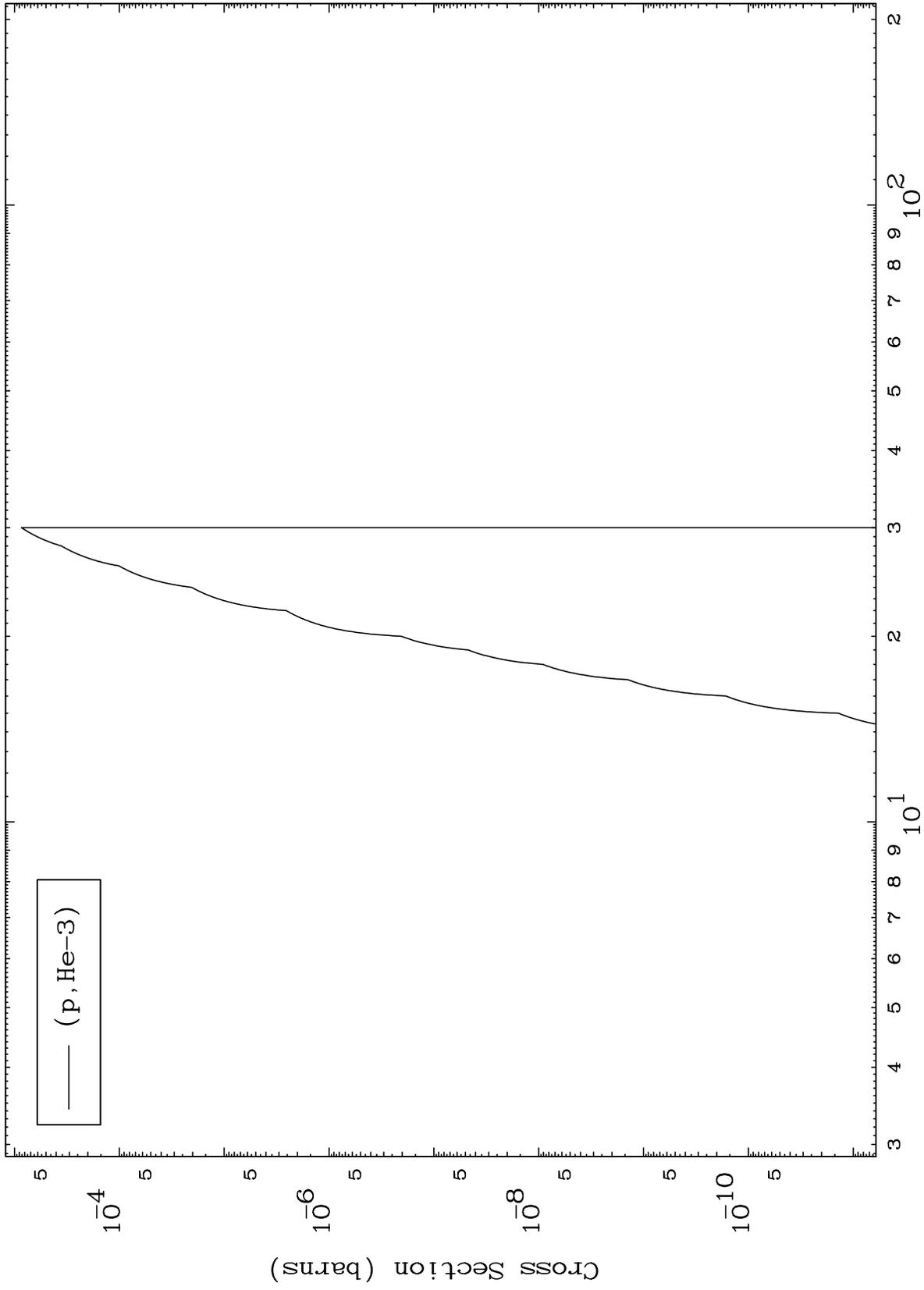
Incident Energy (MeV)

83-Bi-199

MAT 8296

(p,He3) Levels  
0 Kelvin Cross Sections

83-Bi-199



10

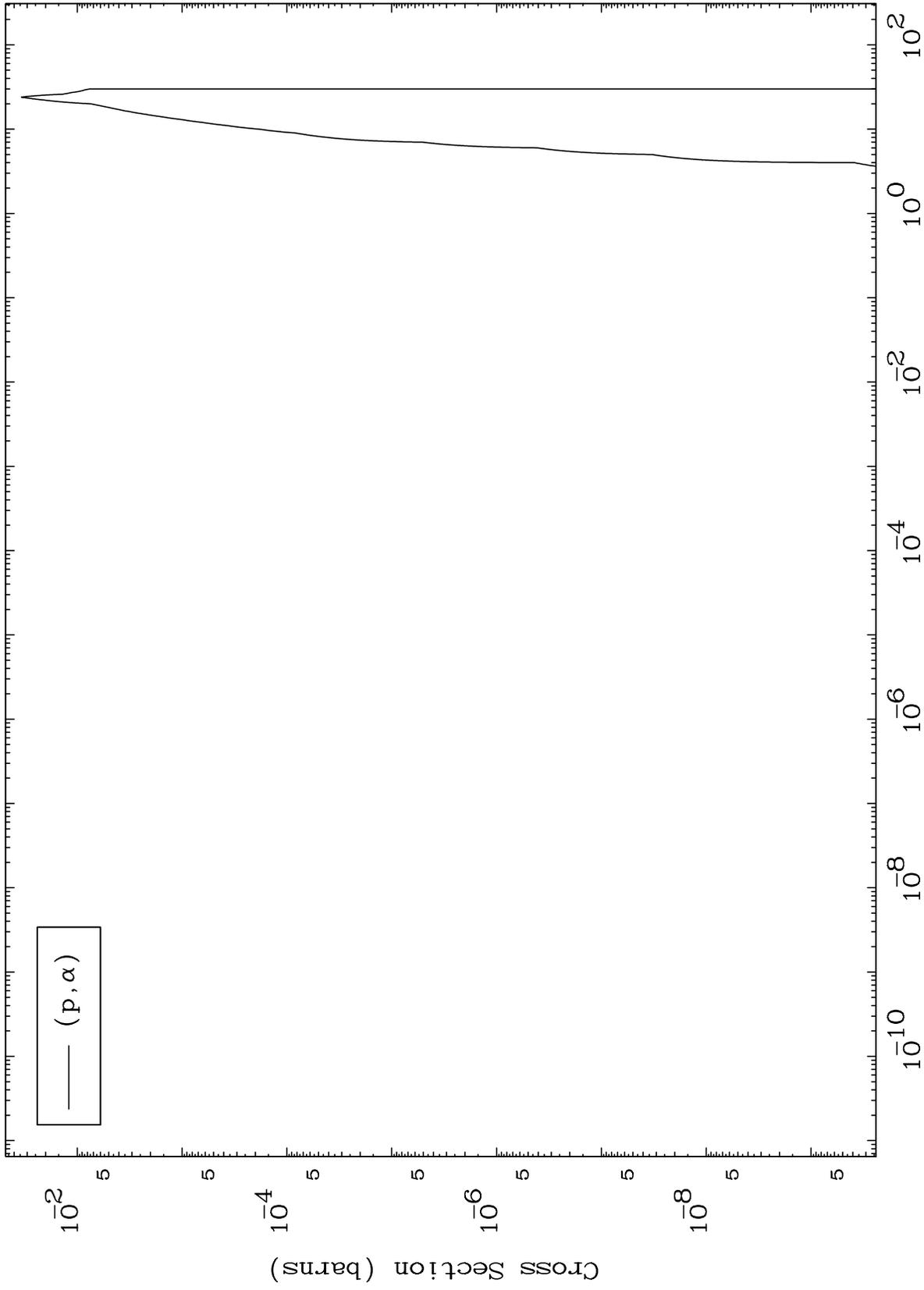
Incident Energy (MeV)

83-Bi-199

MAT 8296

(p,α) Levels  
0 Kelvin Cross Sections

83-Bi-199



11

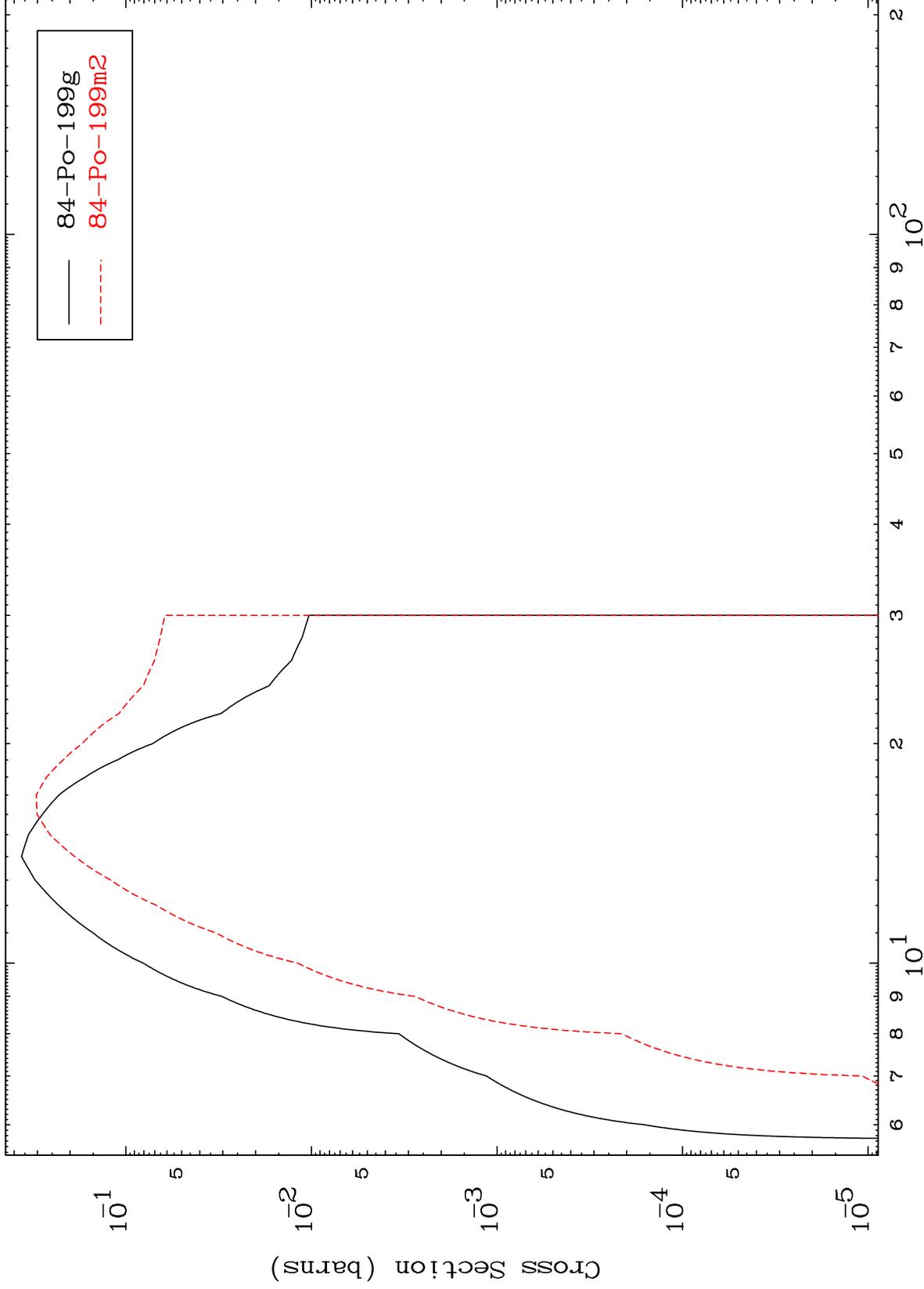
Incident Energy (MeV)

83-Bi-199

MAT 8296

Proton Inelastic  
Radionuclide Production Cross Section

83-Bi-199



12

Incident Energy (MeV)

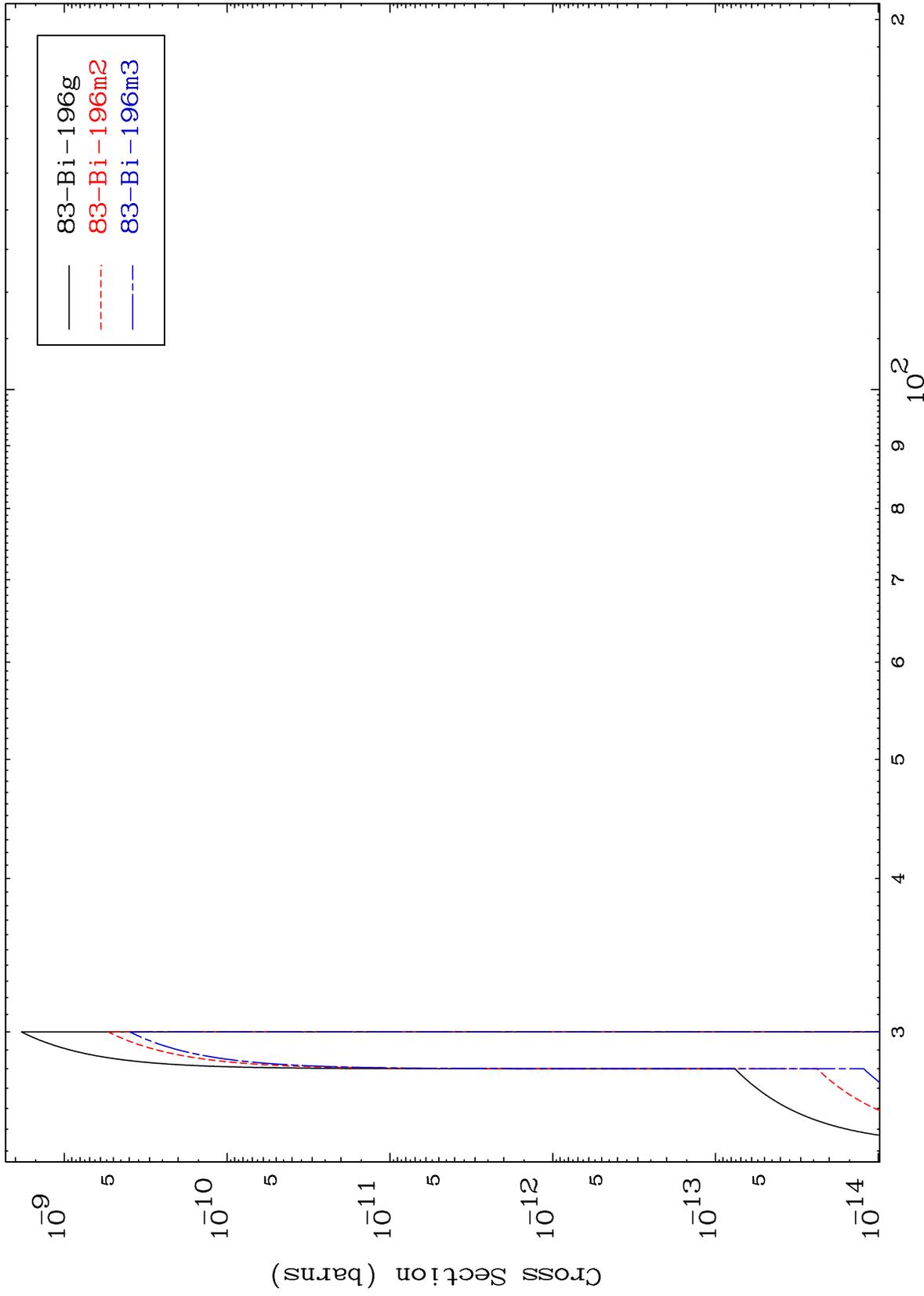
83-Bi-199

MAT 8296

(p,2n) d

83-Bi-199

Radionuclide Production Cross Section



13

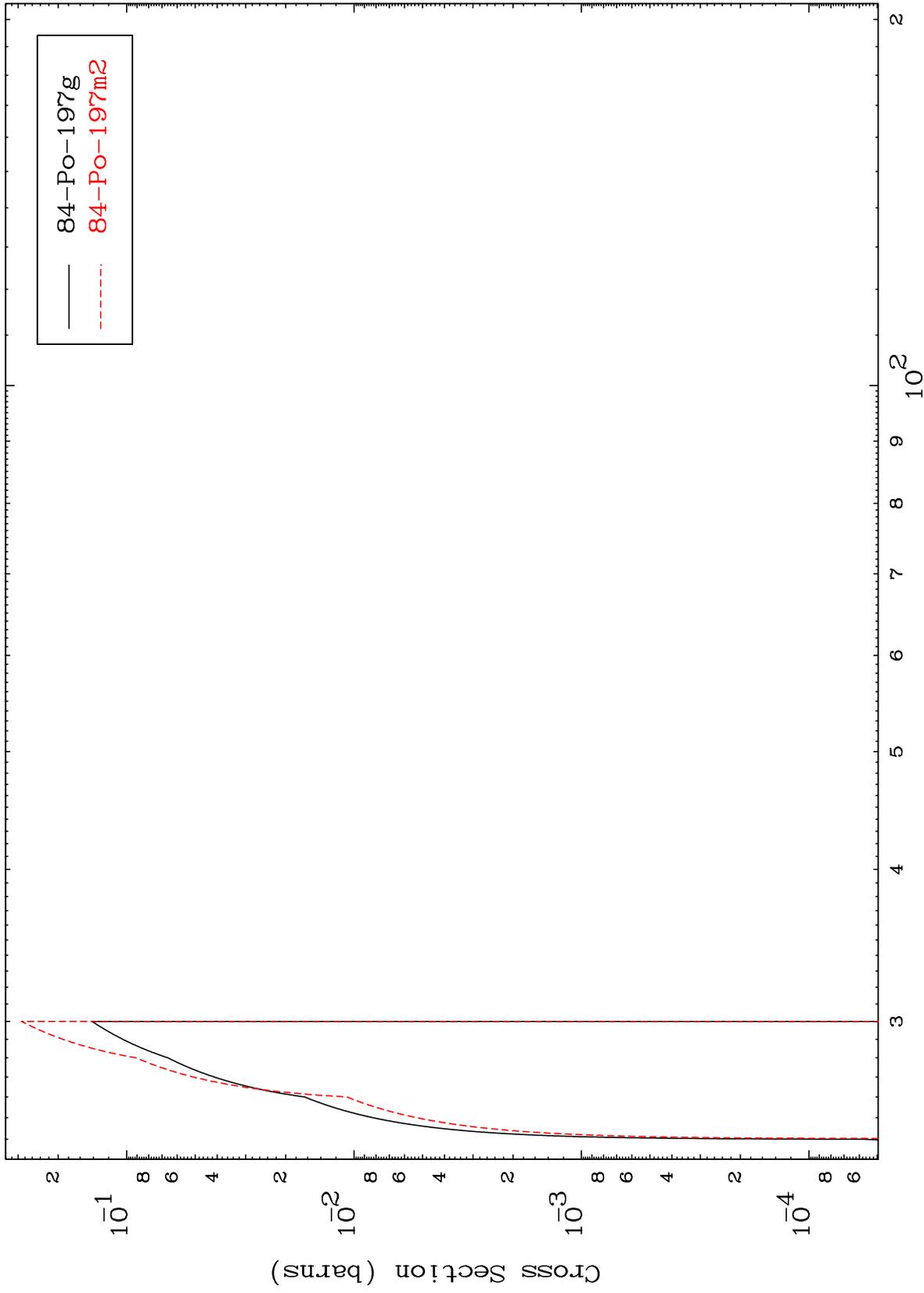
Incident Energy (MeV)

83-Bi-199

MAT 8296

83-Bi-199

(p,3n)  
Radionuclide Production Cross Section



14

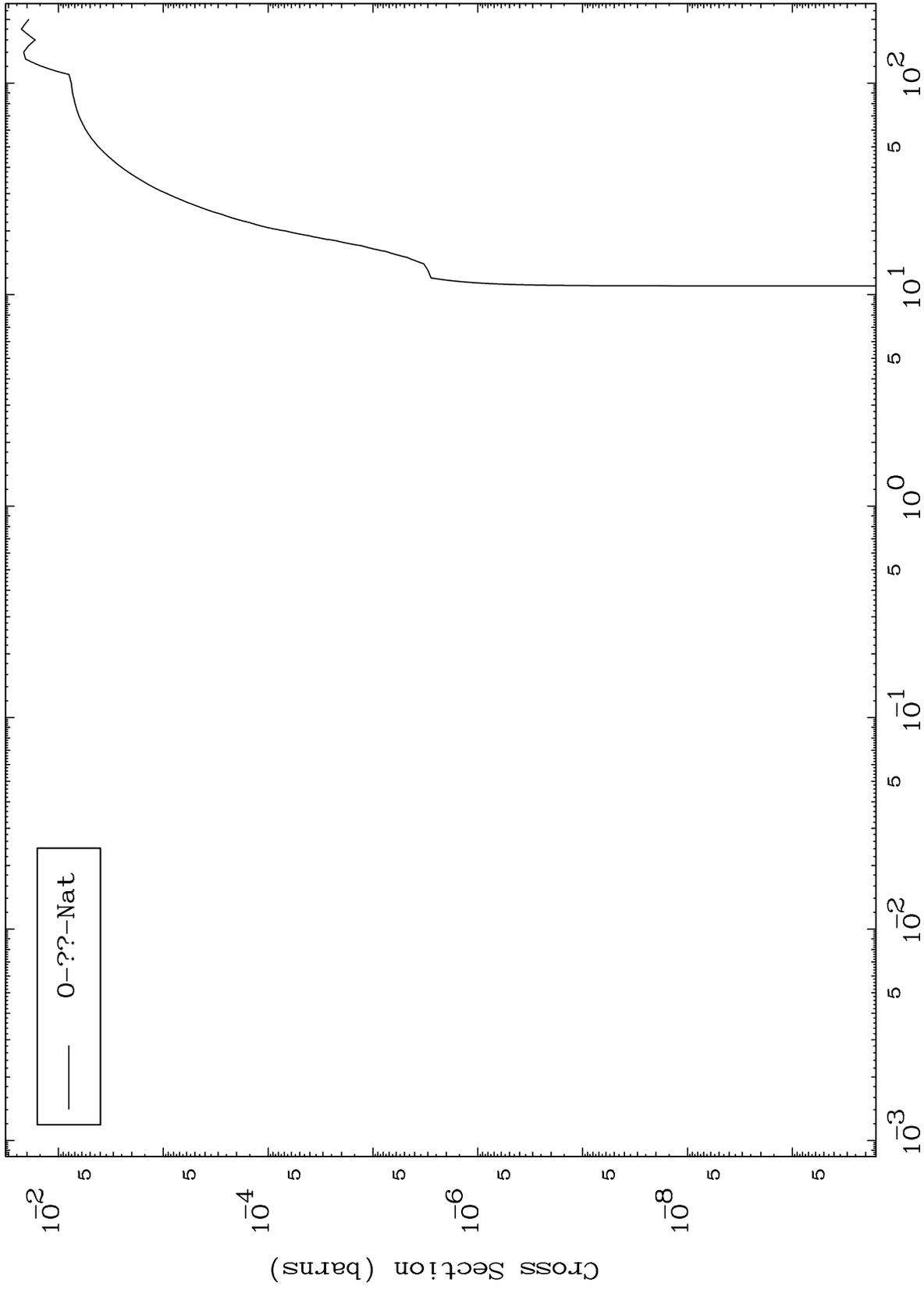
Incident Energy (MeV)

83-Bi-199

MAT 8296

Proton Fission  
Radionuclide Production Cross Section

83-Bi-199



0-?-?-Nat

15

Incident Energy (MeV)

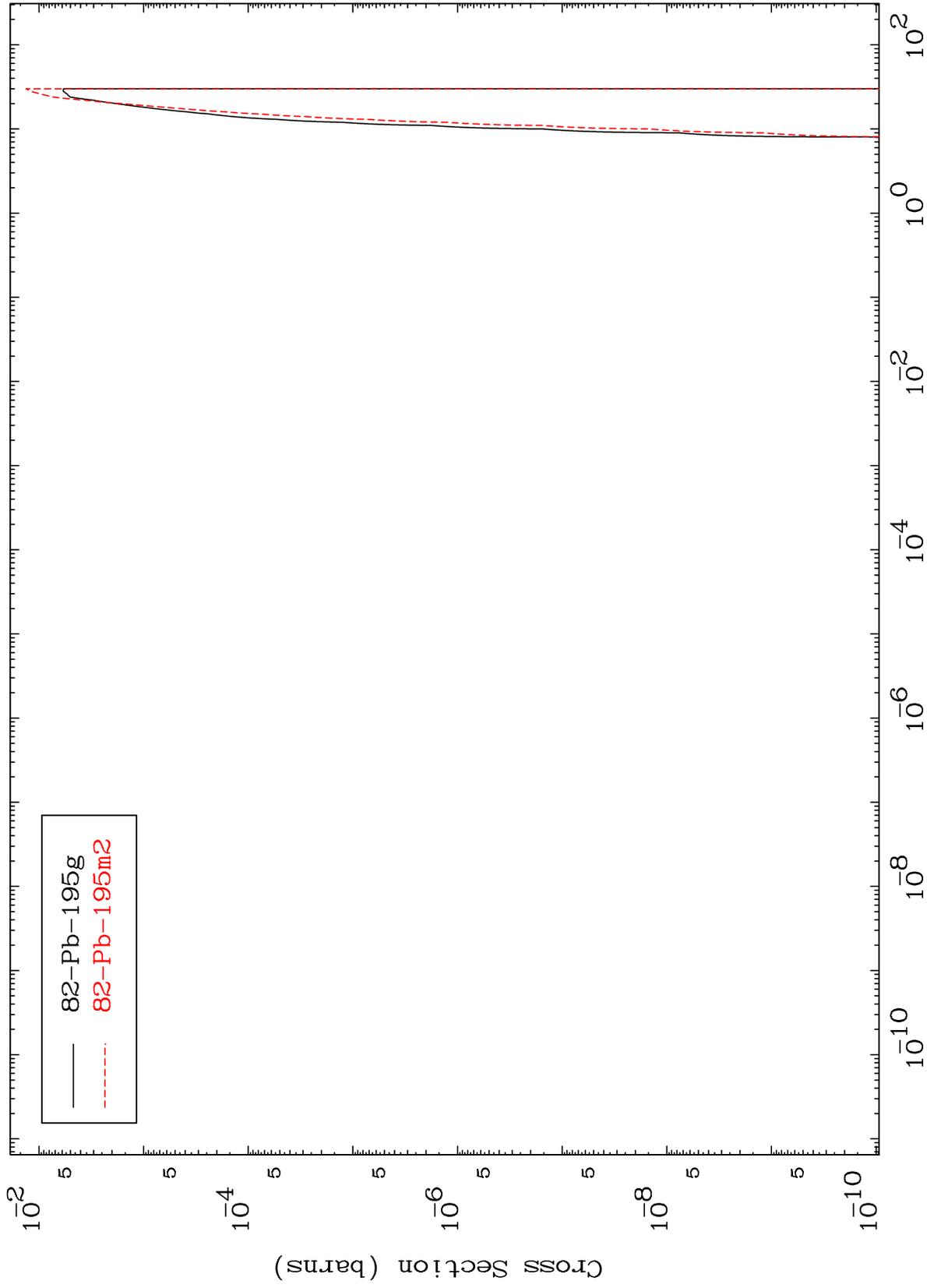
83-Bi-199

MAT 8296

(p,n')  $\alpha$

83-Bi-199

Radionuclide Production Cross Section



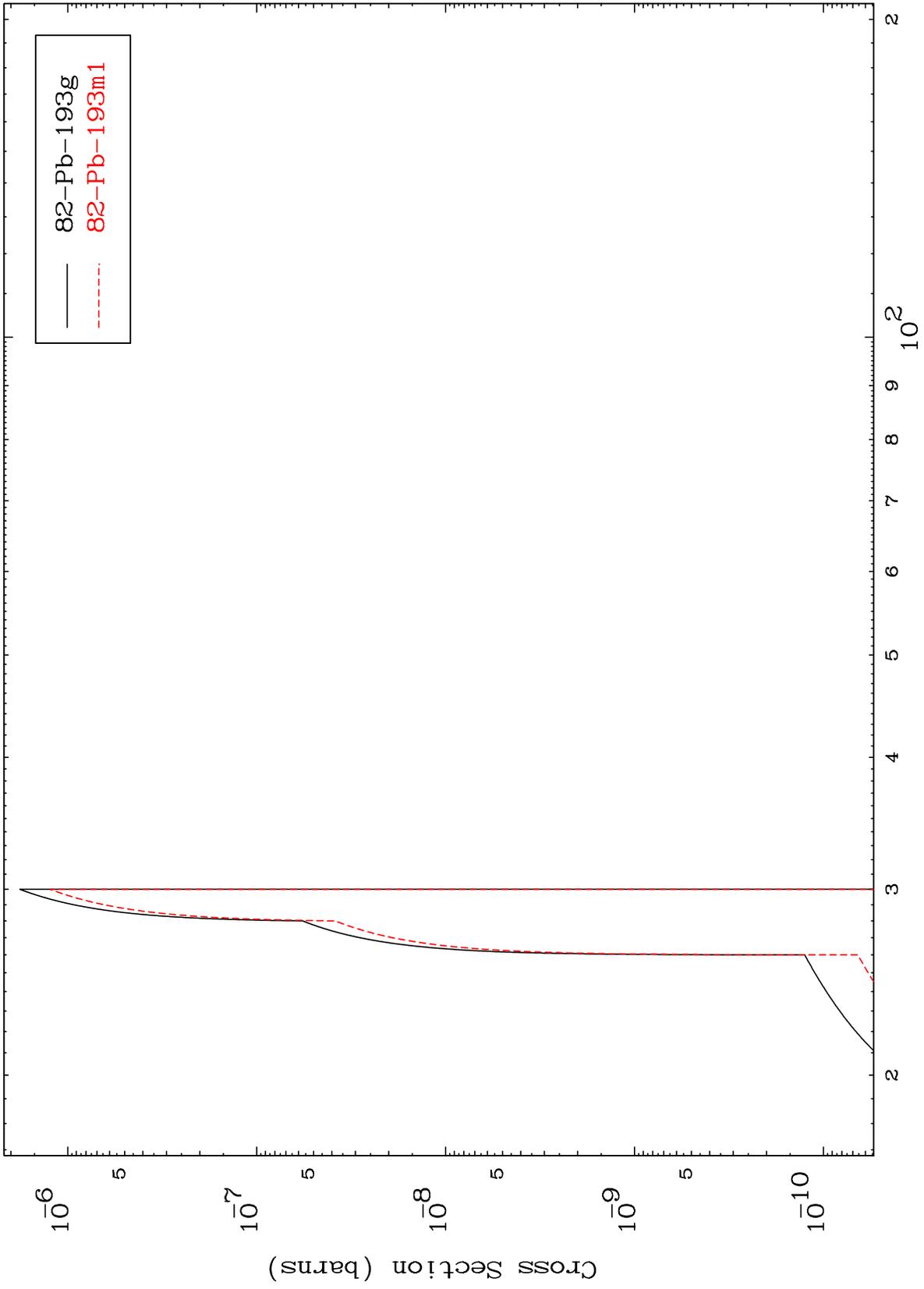
82-Pb-195g  
82-Pb-195m2

MAT 8296

(p,3n)  $\alpha$

83-Bi-199

Radionuclide Production Cross Section



17

Incident Energy (MeV)

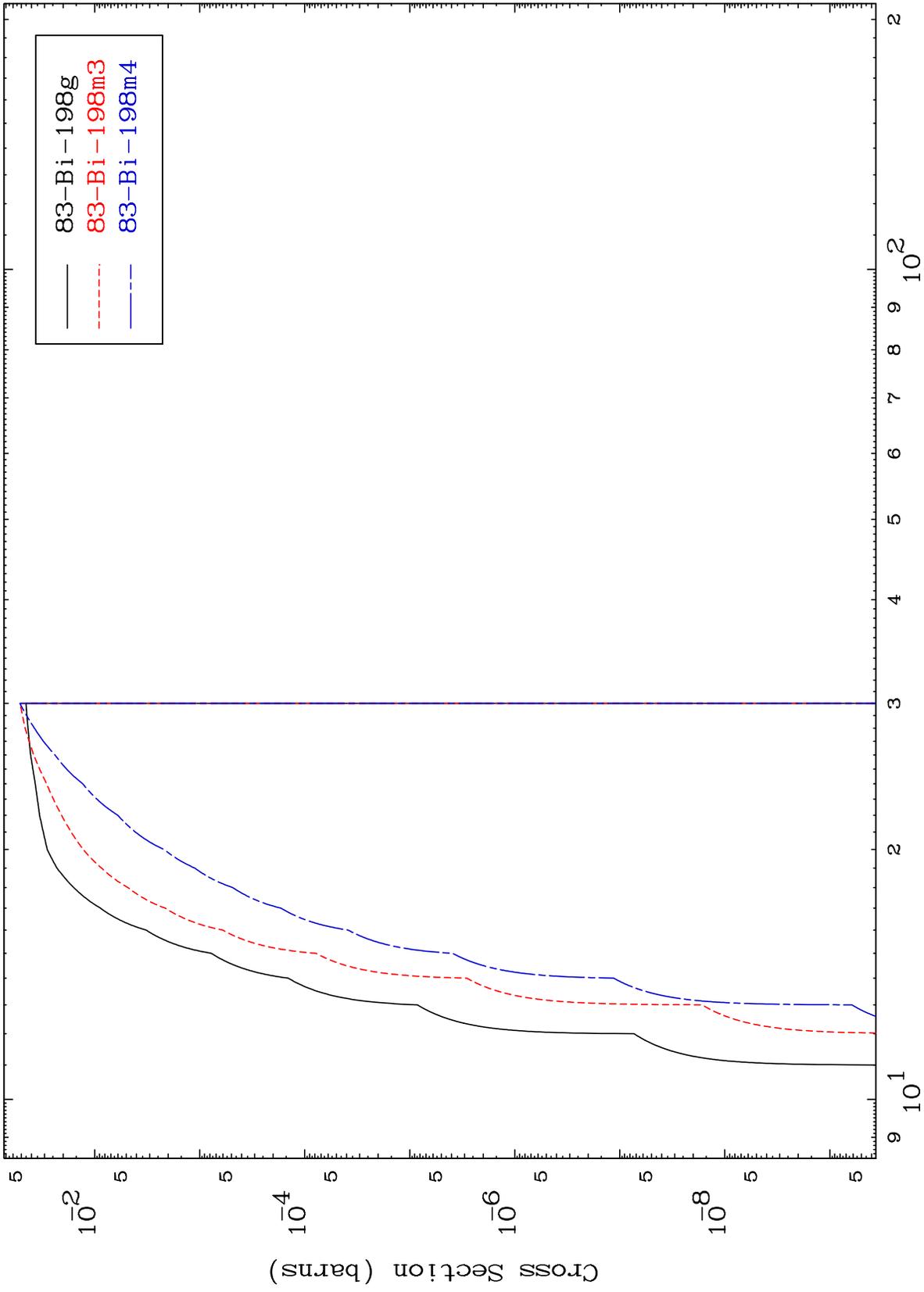
83-Bi-199

MAT 8296

(p,n') p

83-Bi-199

Radionuclide Production Cross Section



18

Incident Energy (MeV)

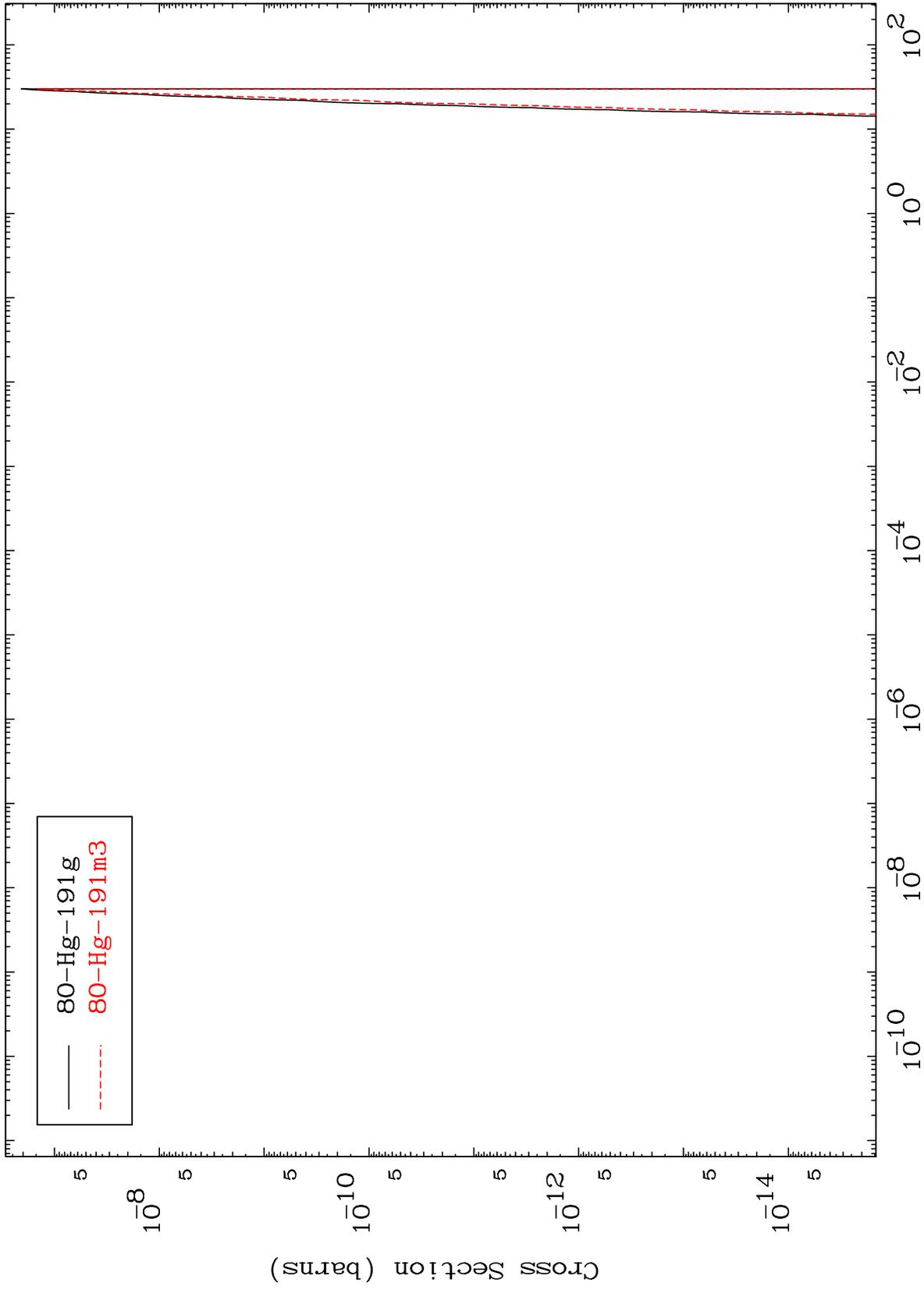
83-Bi-199

MAT 8296

(p,n') 2 $\alpha$

83-Bi-199

Radionuclide Production Cross Section



19

Incident Energy (MeV)

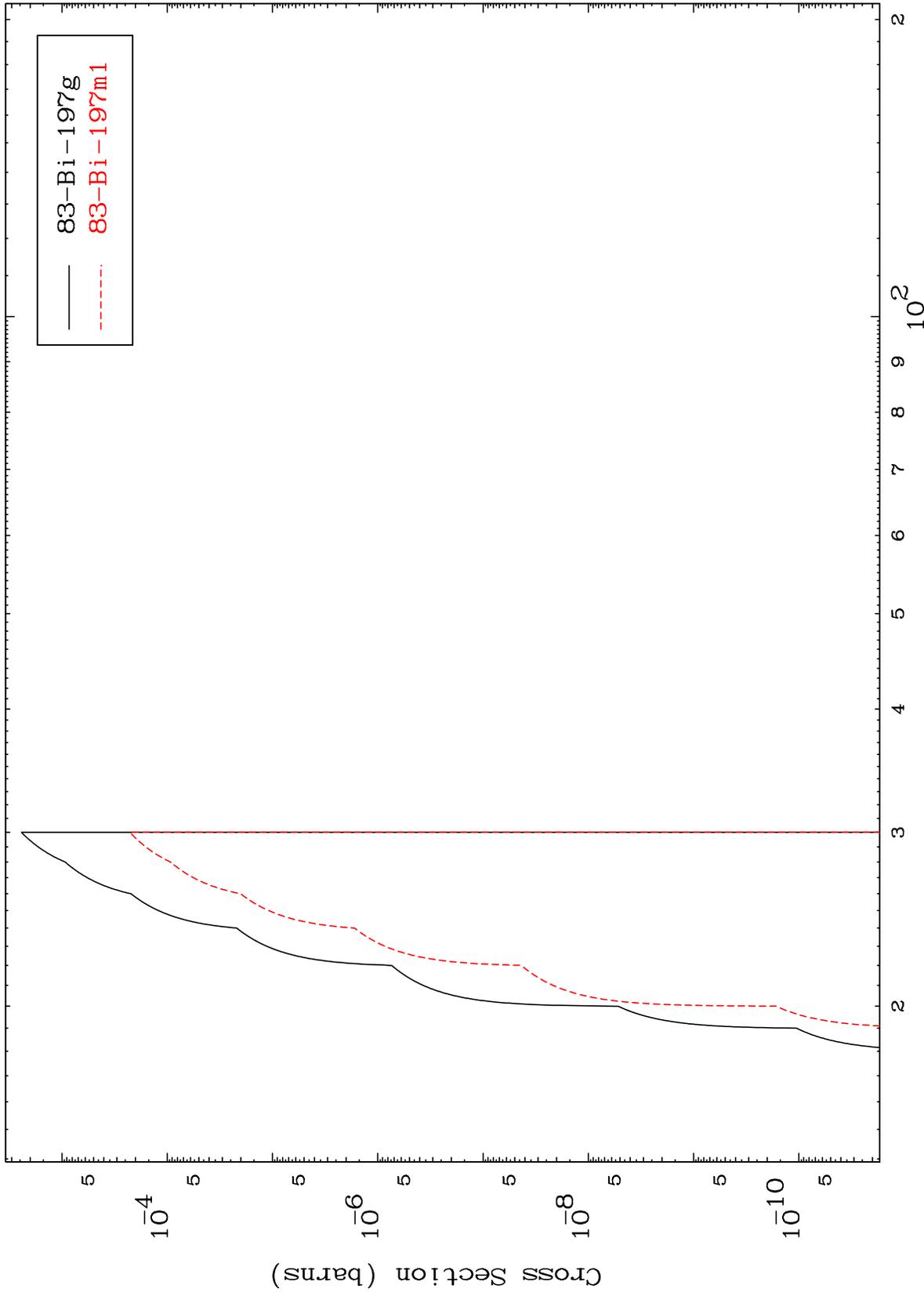
83-Bi-199

MAT 8296

(p,n') d

83-Bi-199

Radionuclide Production Cross Section



20

Incident Energy (MeV)

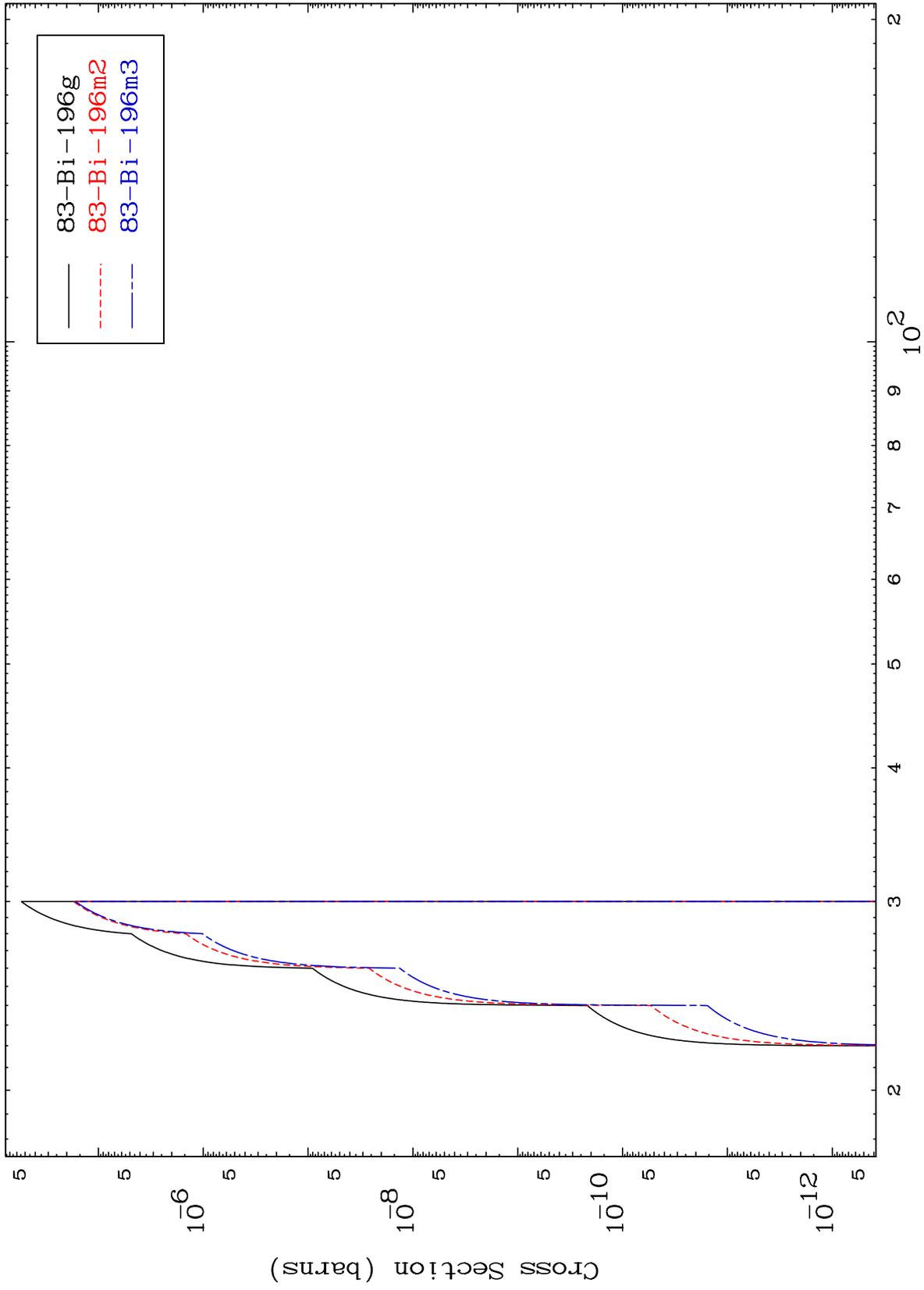
83-Bi-199

MAT 8296

(p,n') t

83-Bi-199

Radionuclide Production Cross Section



21

Incident Energy (MeV)

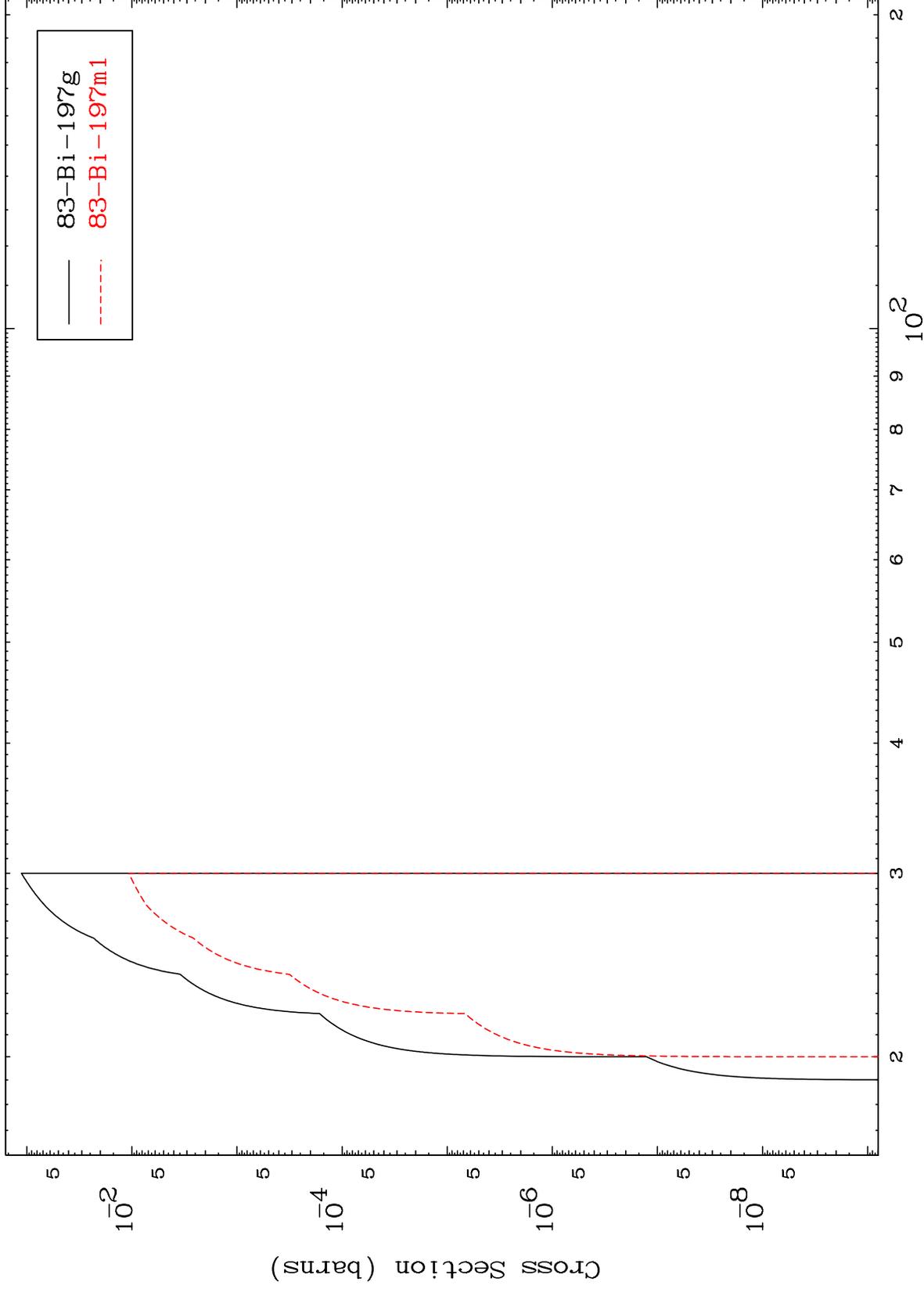
83-Bi-199

MAT 8296

(p,2n) p

83-Bi-199

Radionuclide Production Cross Section



22

Incident Energy (MeV)

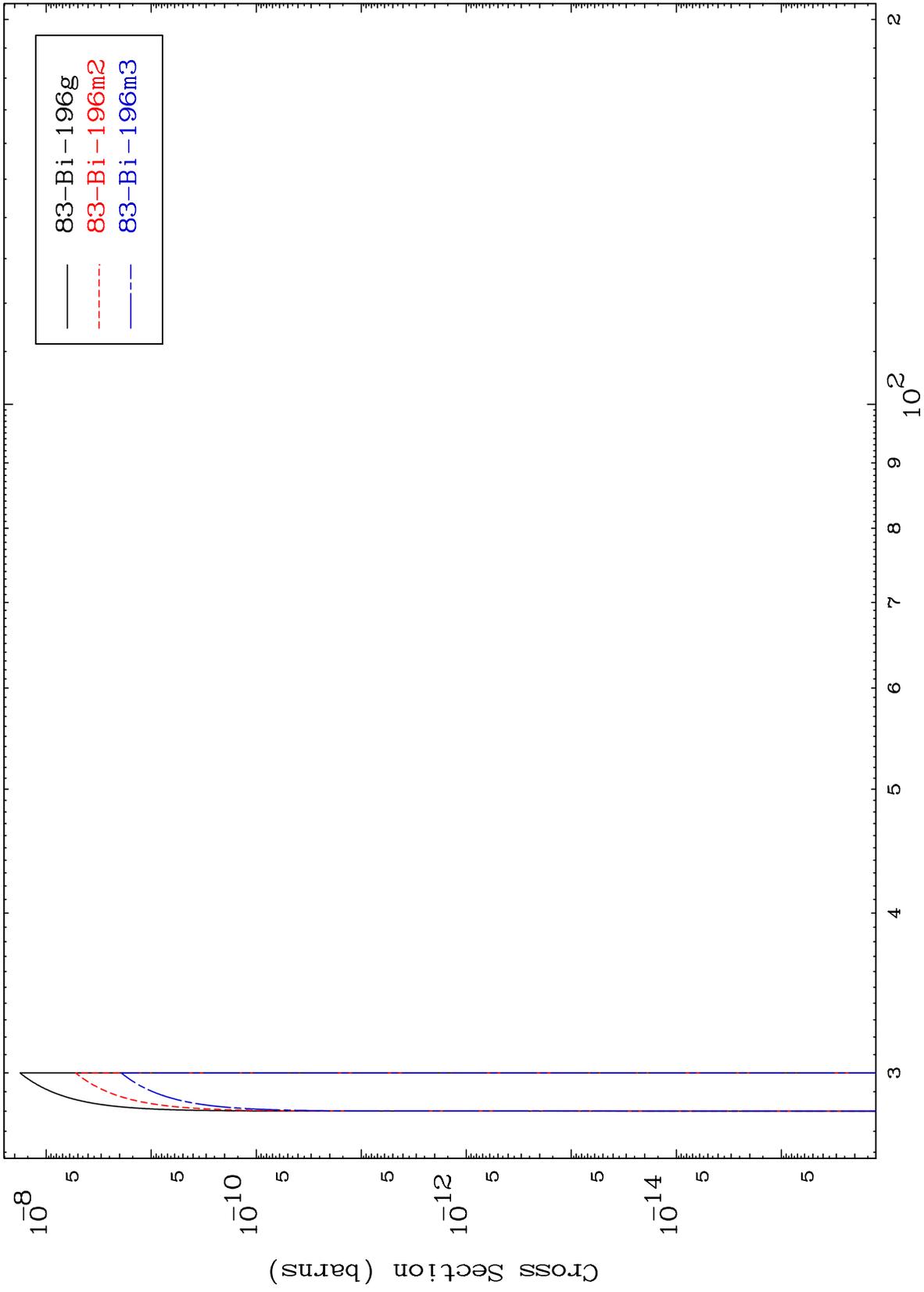
83-Bi-199

MAT 8296

(p,3n) p

83-Bi-199

Radionuclide Production Cross Section



23

Incident Energy (MeV)

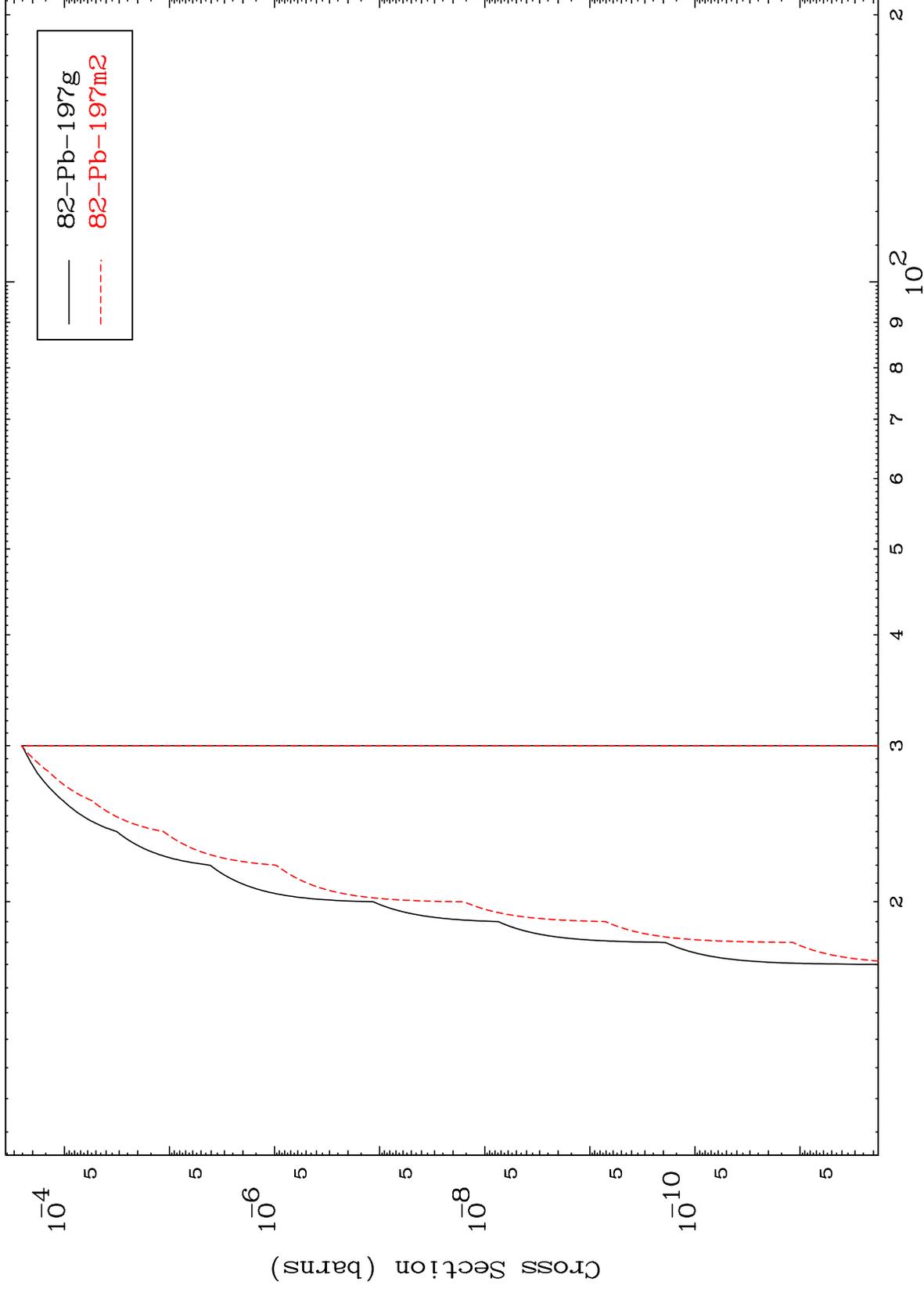
83-Bi-199

MAT 8296

(p,2n) p

83-Bi-199

Radionuclide Production Cross Section



24

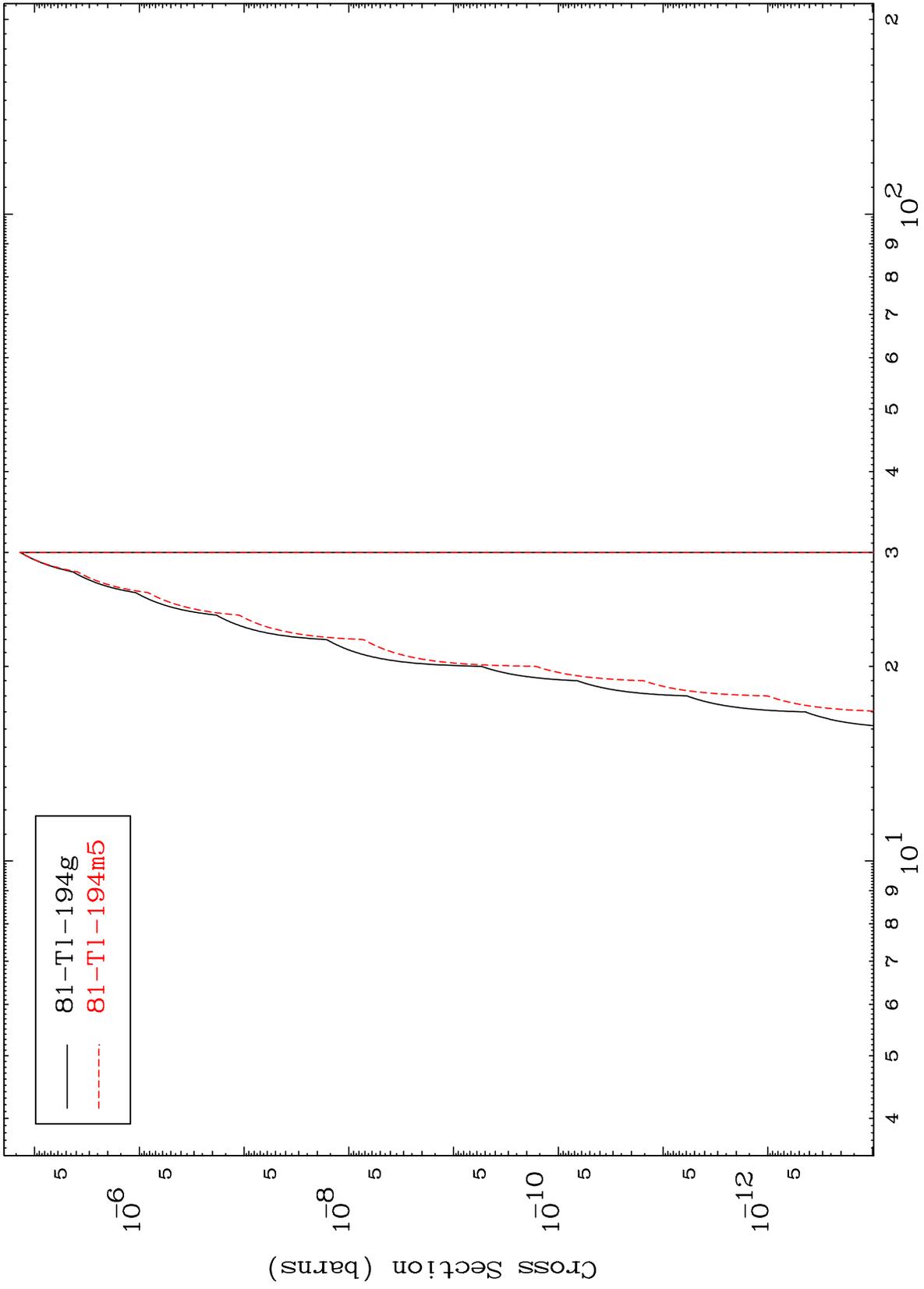
Incident Energy (MeV)

83-Bi-199

MAT 8296

83-Bi-199

(p,n') p  $\alpha$   
Radionuclide Production Cross Section



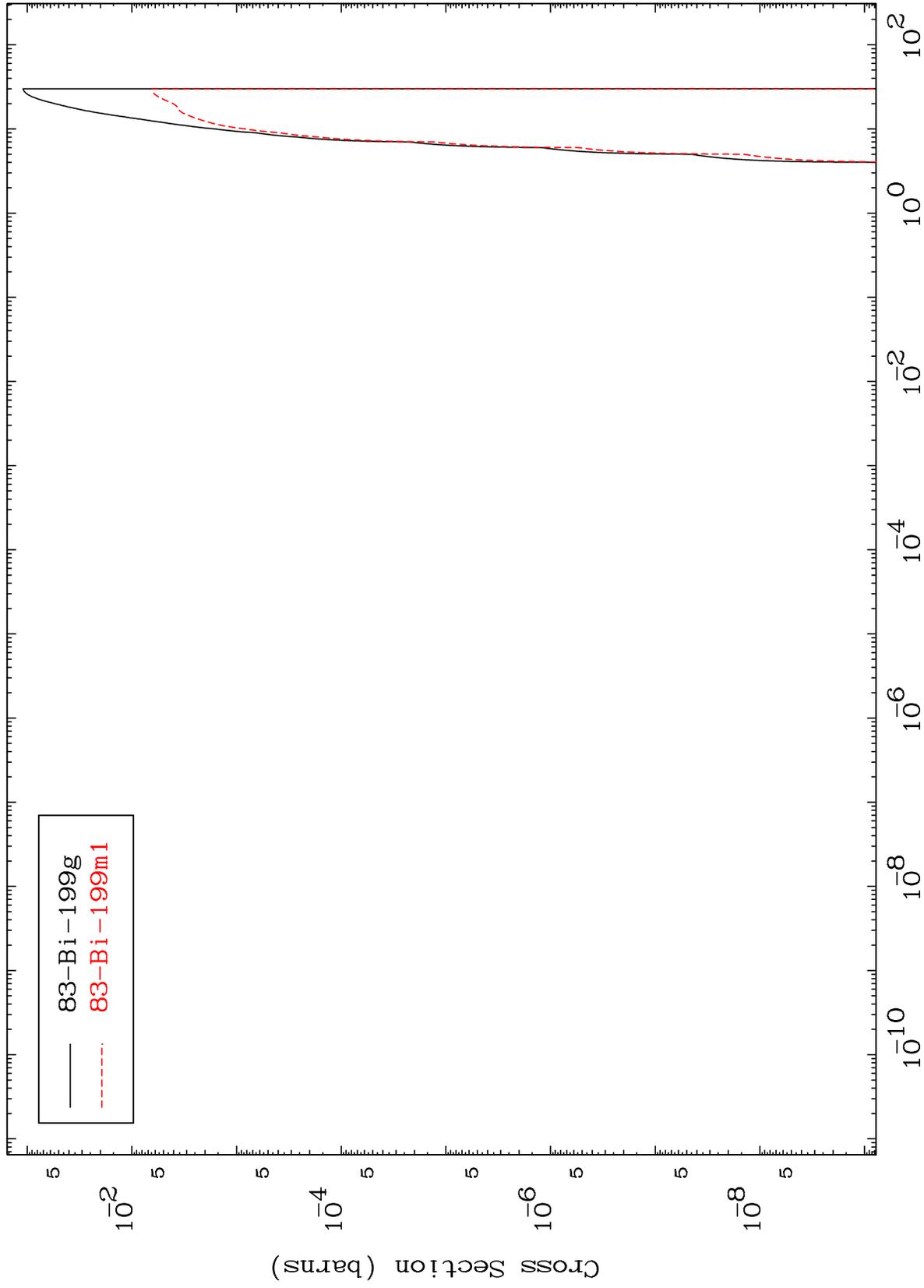
25

83-Bi-199

MAT 8296

Radionuclide Production Cross Section  
(p,p)

83-Bi-199



26

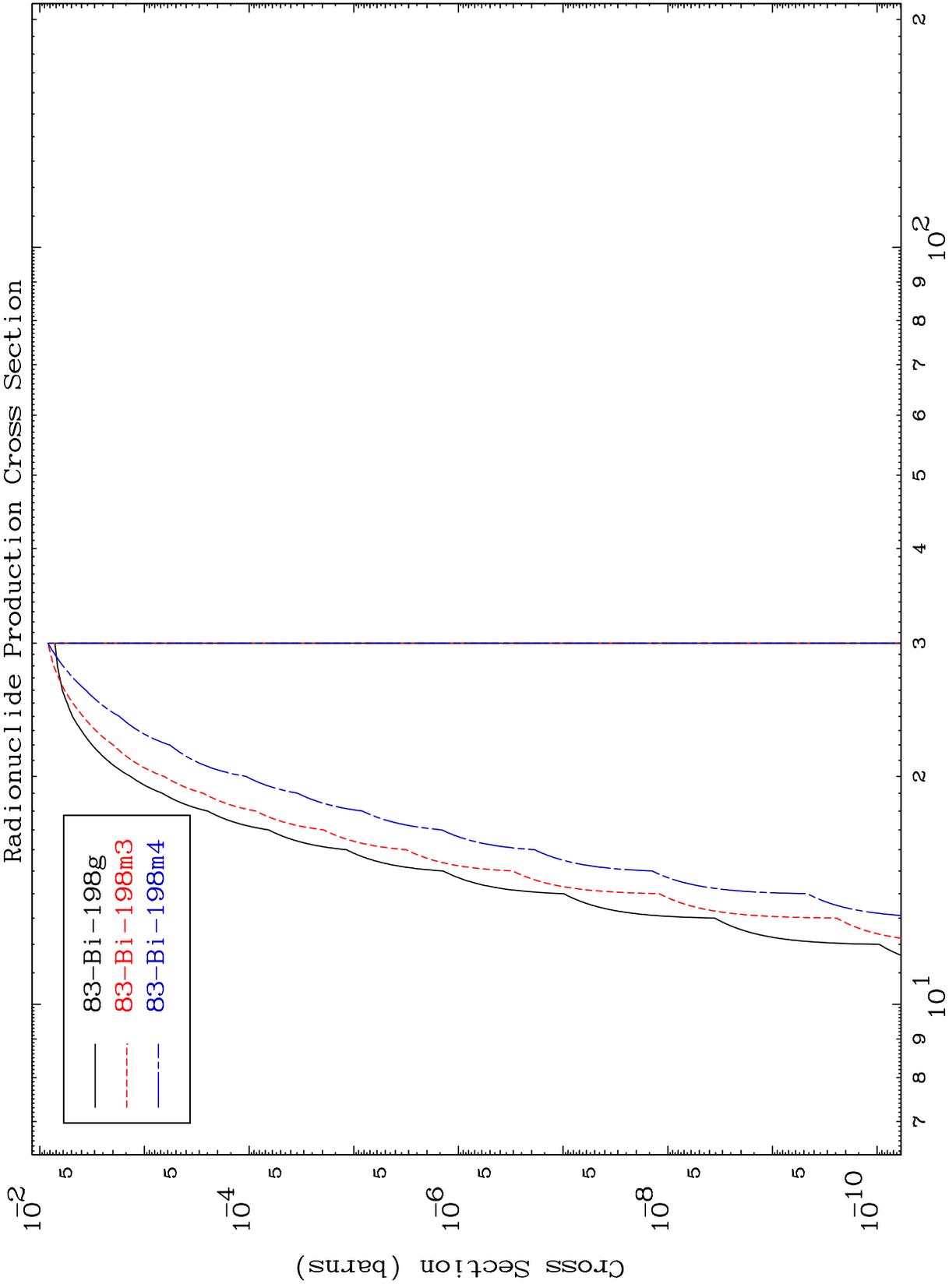
Incident Energy (MeV)

83-Bi-199

MAT 8296

83-Bi-199

(p,d)  
Radionuclide Production Cross Section



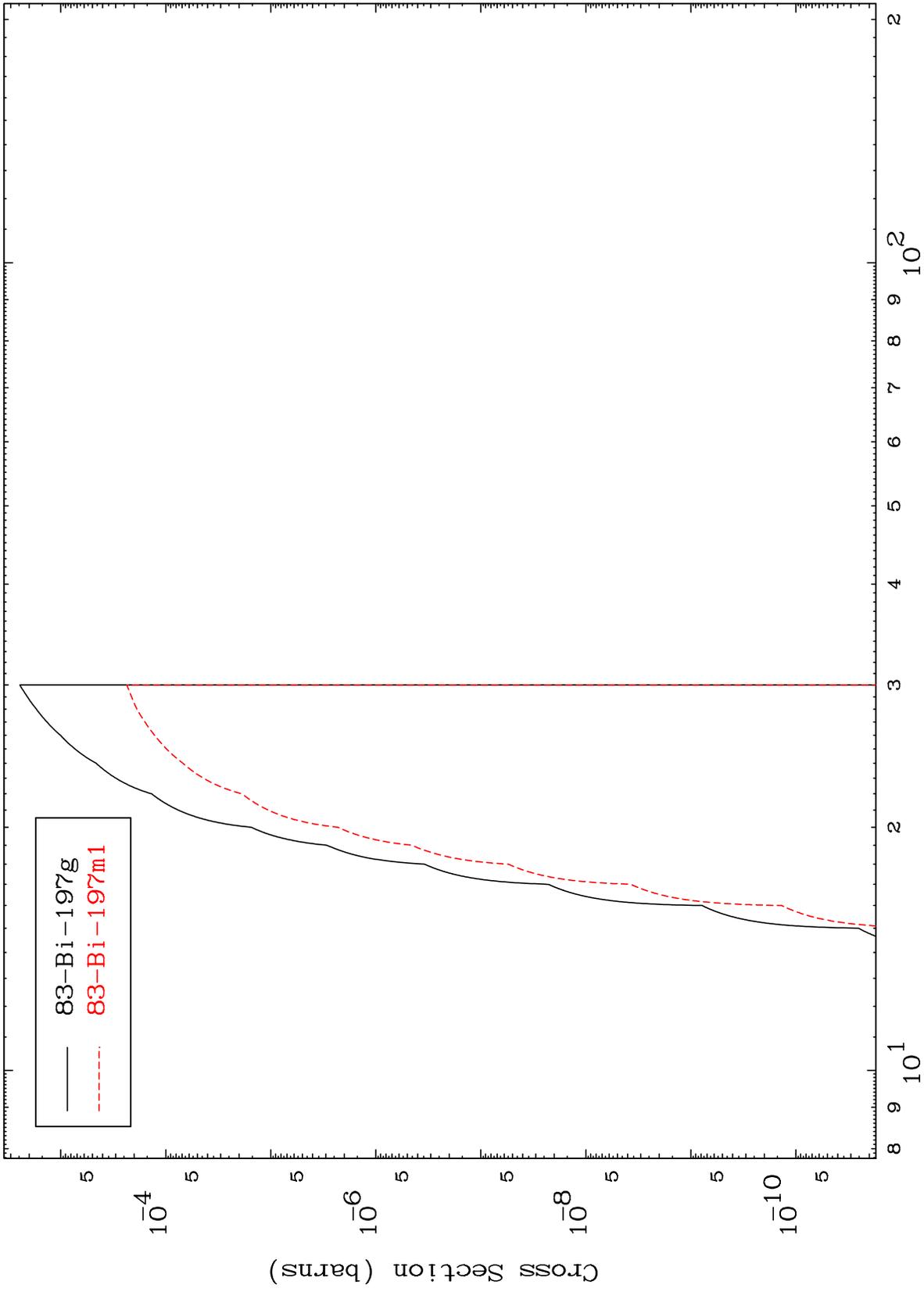
27

83-Bi-199

MAT 8296

83-Bi-199

Radionuclide Production Cross Section  
(p, t)



28

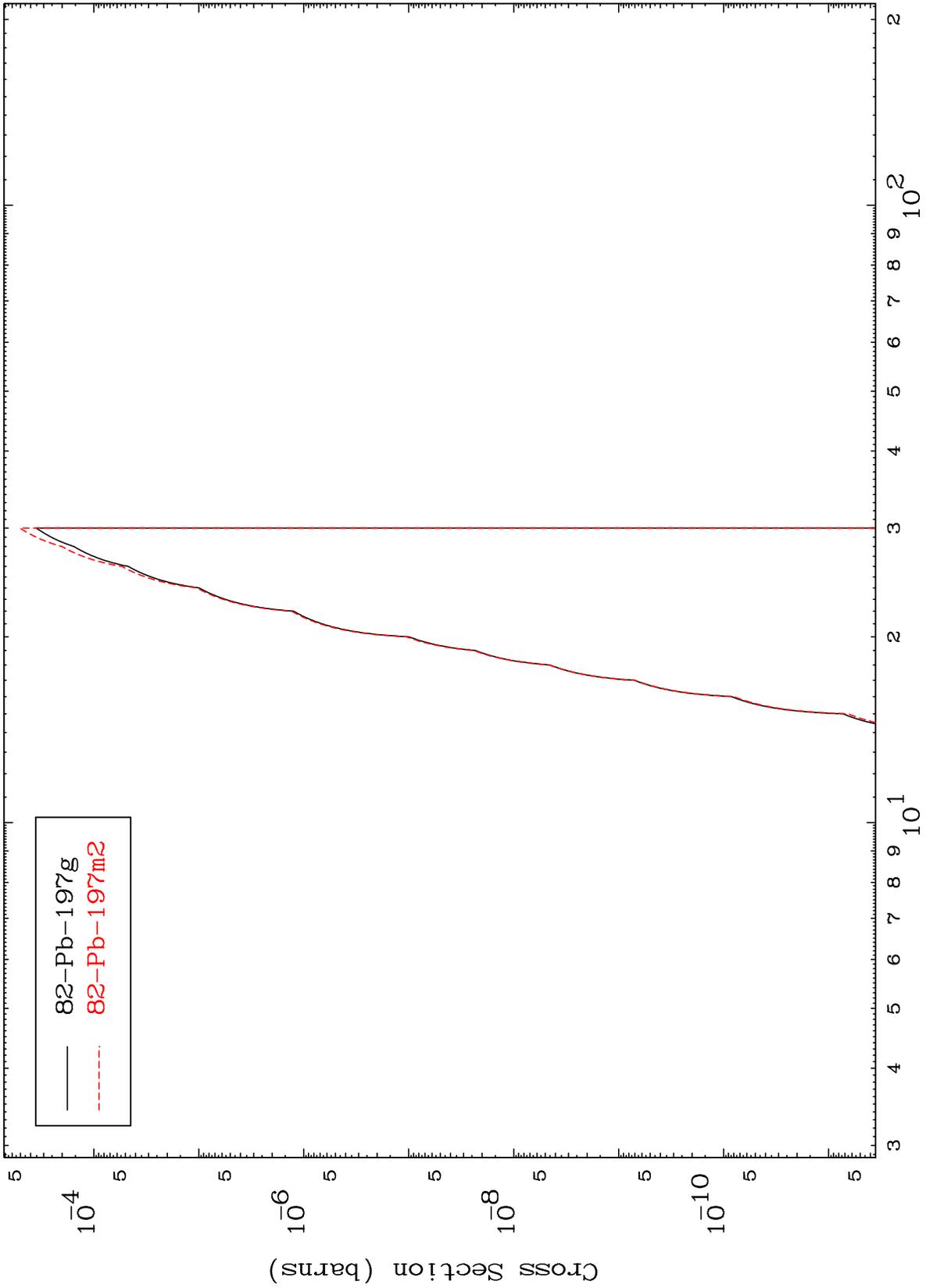
83-Bi-199

MAT 8296

(p,He-3)

83-Bi-199

Radionuclide Production Cross Section



29

Incident Energy (MeV)

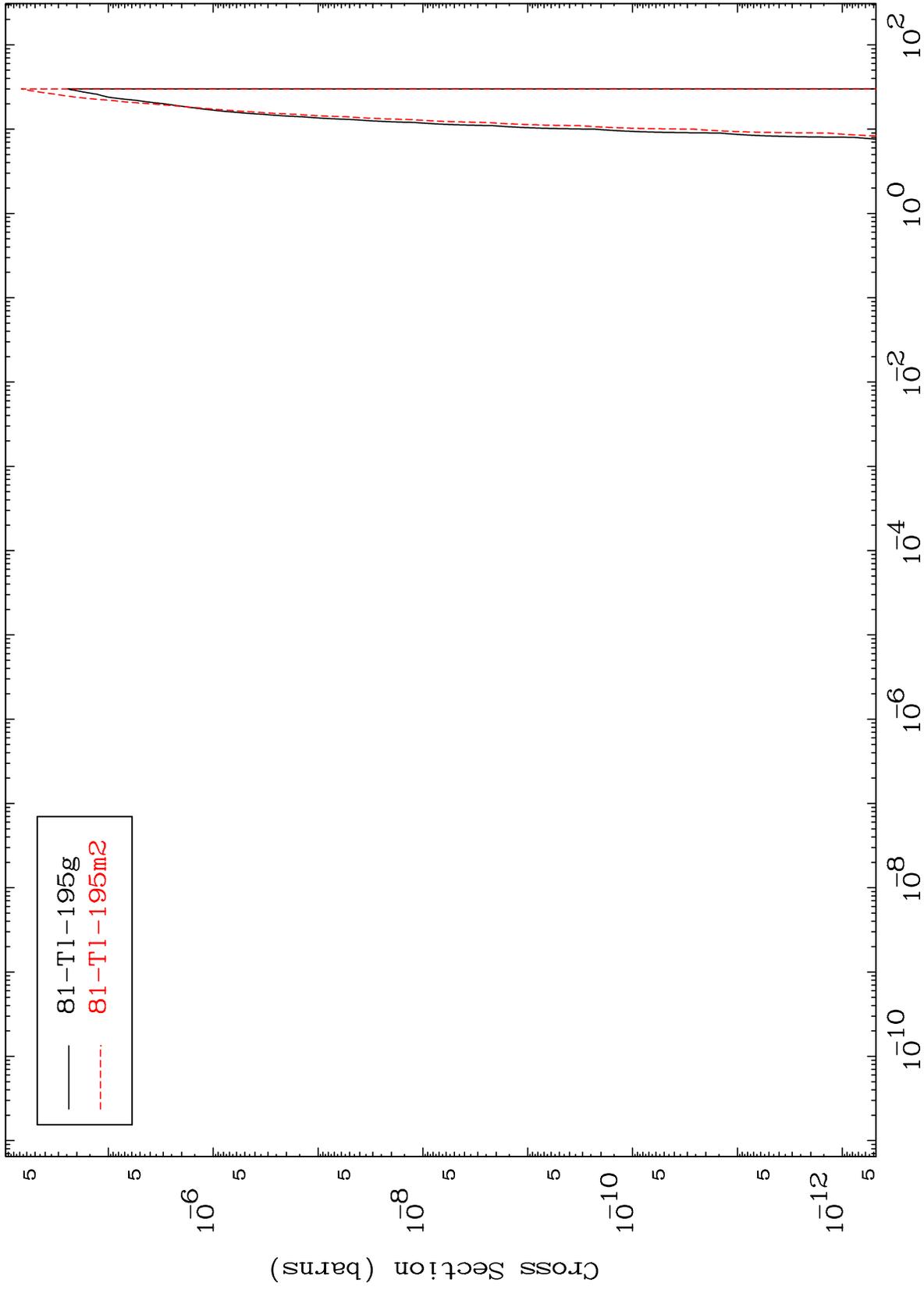
83-Bi-199

MAT 8296

(p,p)  $\alpha$

83-Bi-199

Radionuclide Production Cross Section



30

Incident Energy (MeV)

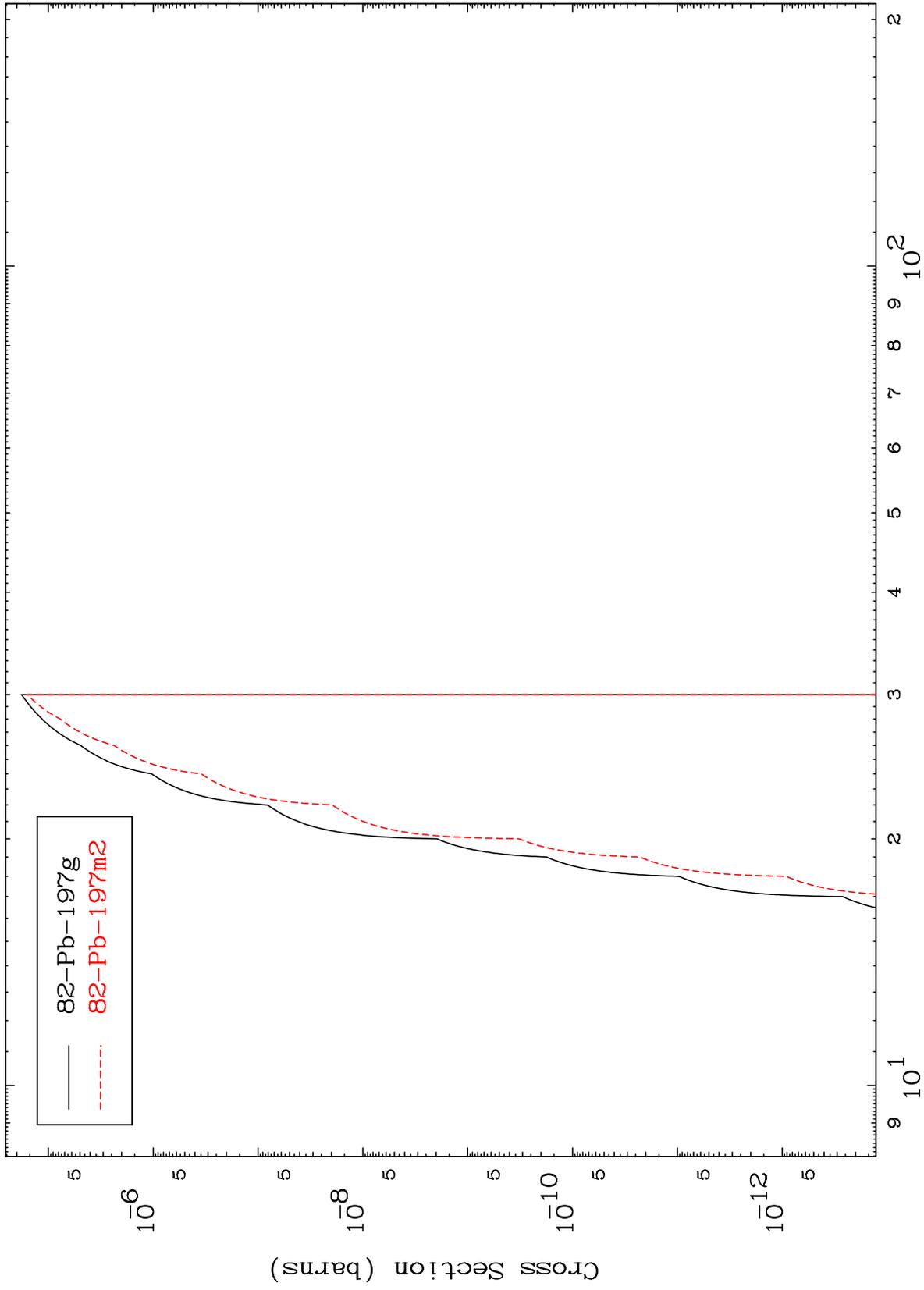
83-Bi-199

MAT 8296

(p,p) d

83-Bi-199

Radionuclide Production Cross Section



31

Incident Energy (MeV)

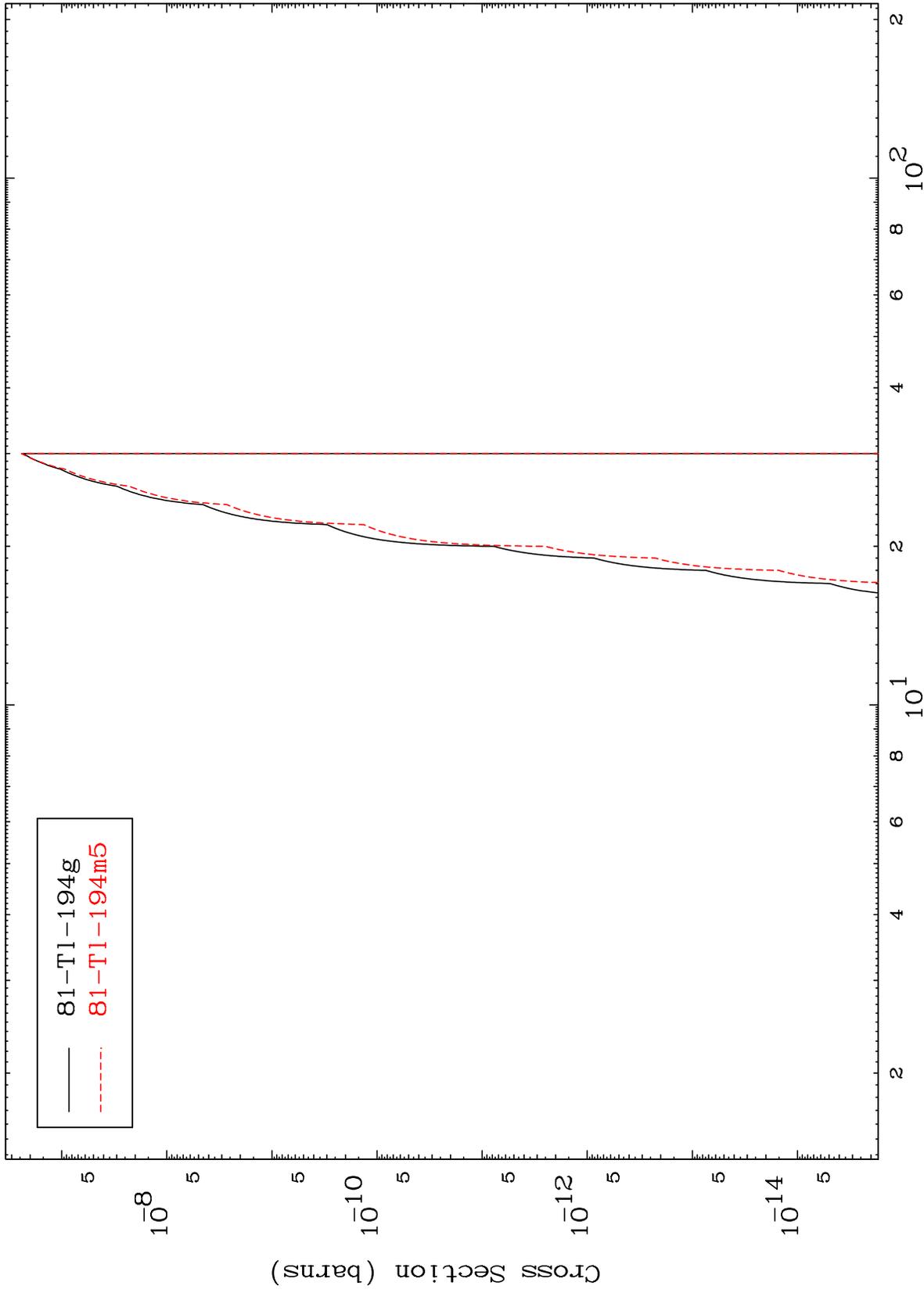
83-Bi-199

MAT 8296

(p,d)  $\alpha$

83-Bi-199

Radionuclide Production Cross Section



32

Incident Energy (MeV)

83-Bi-199