

Program EVALPLOT  
(Version 2018-1)

by

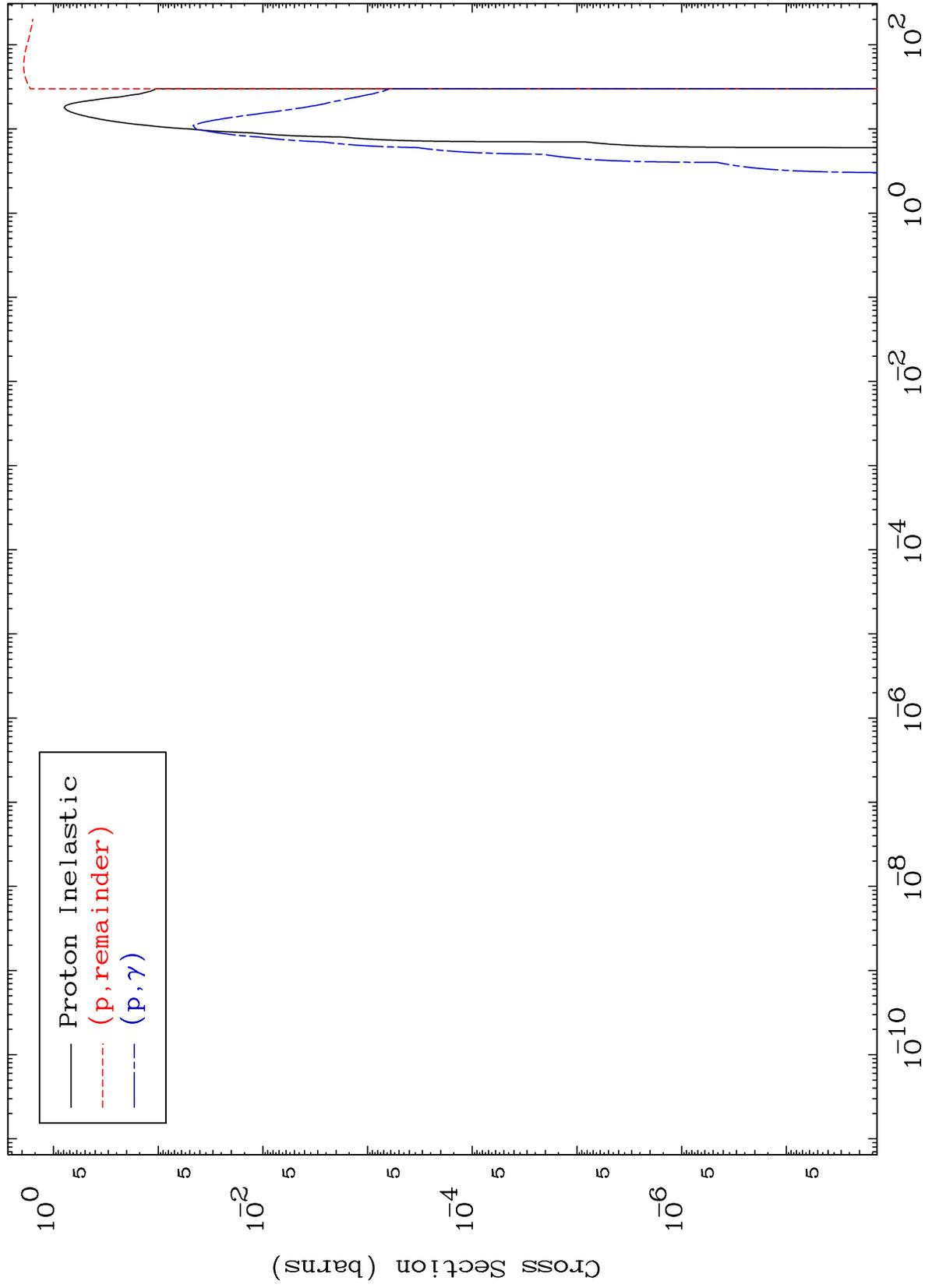
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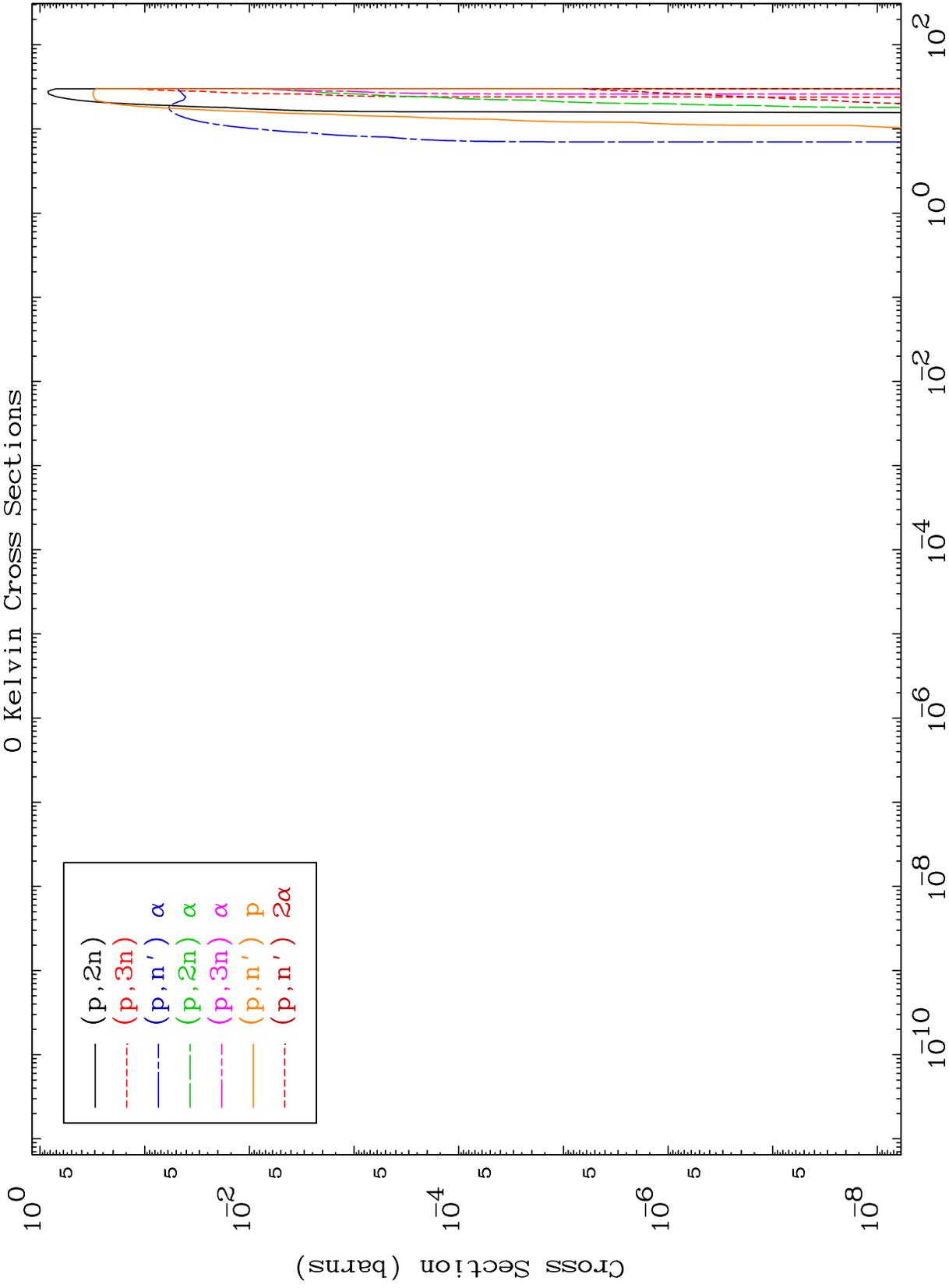
Press Mouse Button to Start



MAT 8287

Proton Neutron Production  
0 Kelvin Cross Sections

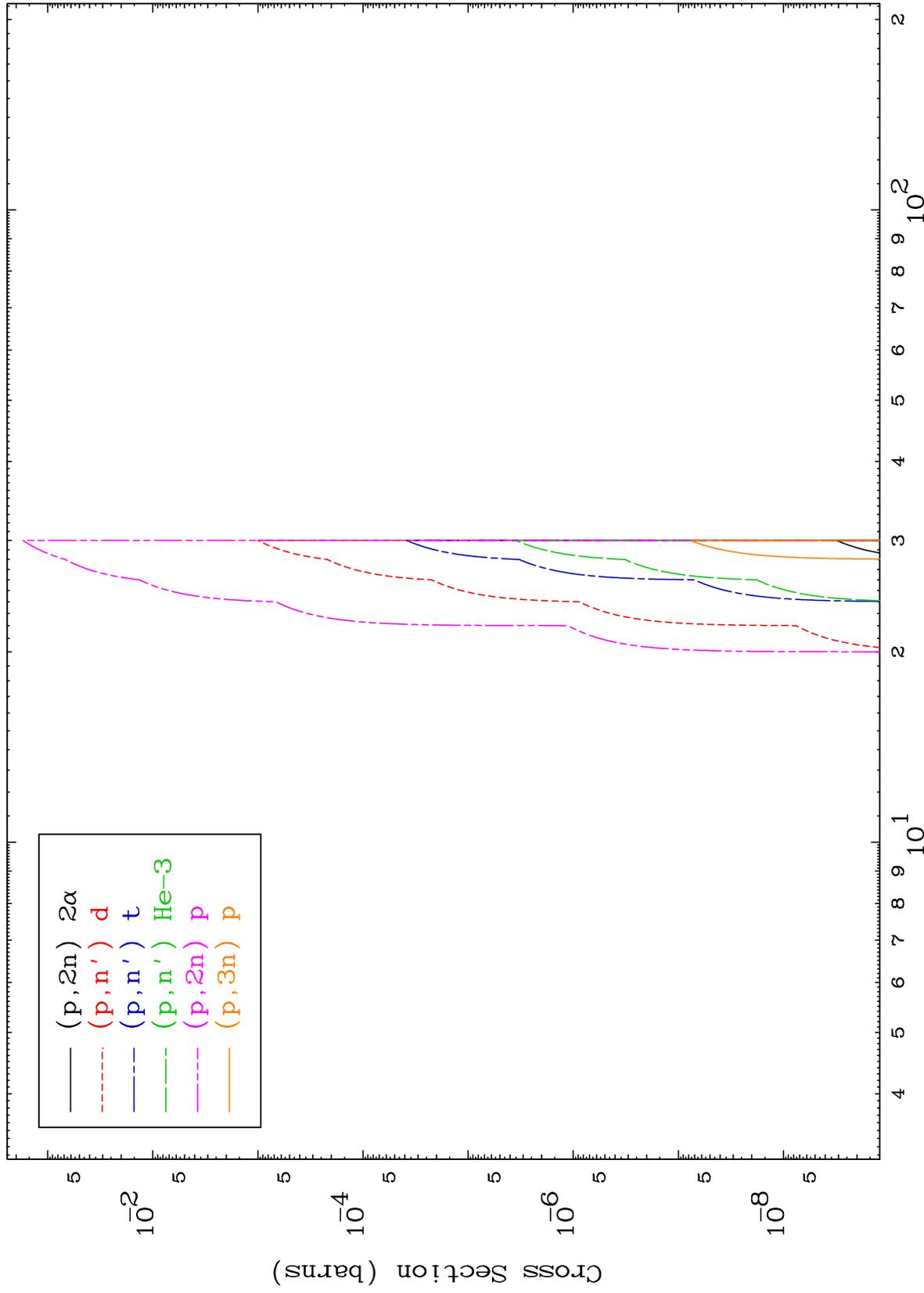
83-Bi-196

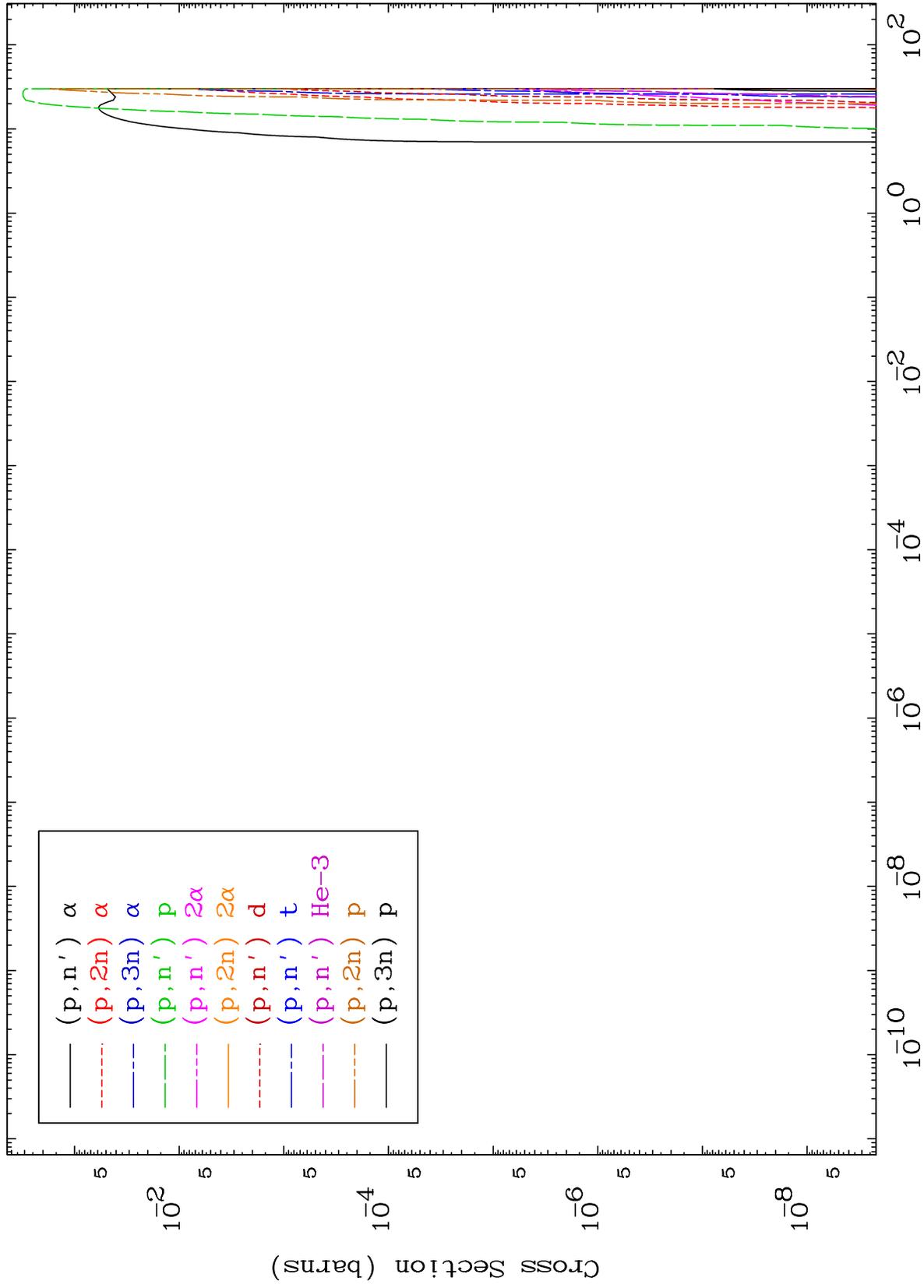


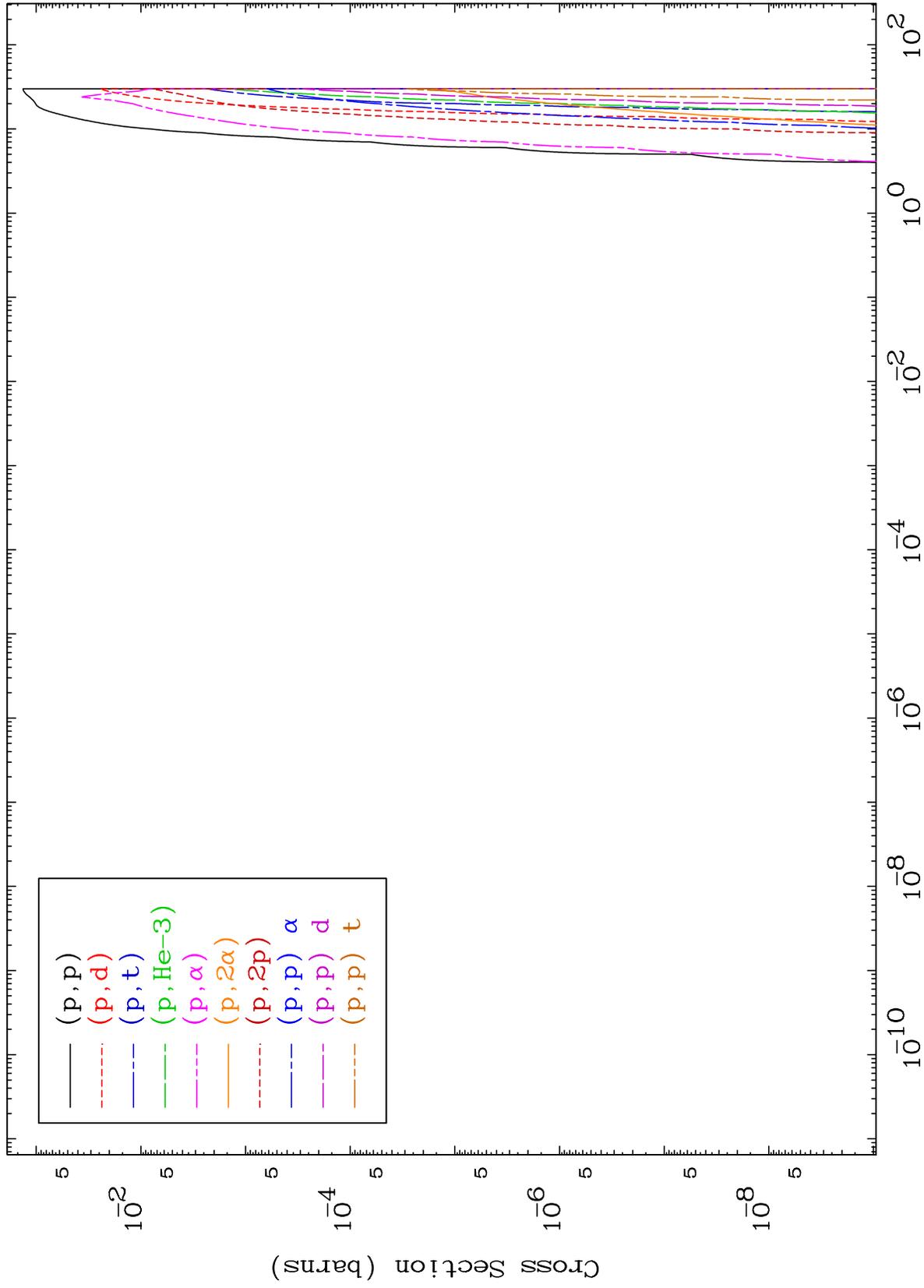
2

Incident Energy (MeV)

83-Bi-196



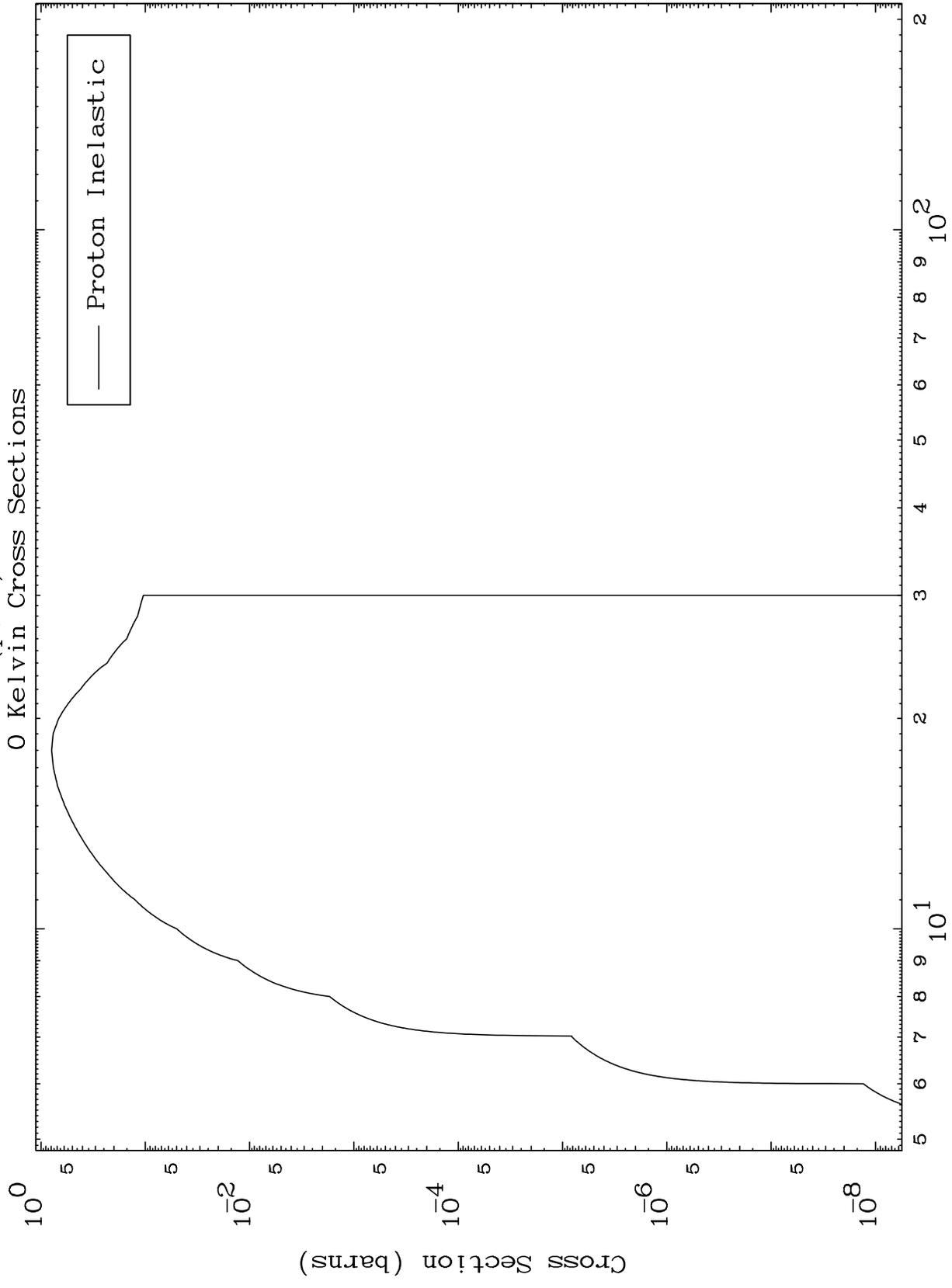




MAT 8287

(p,n') Level

83-Bi-196



6

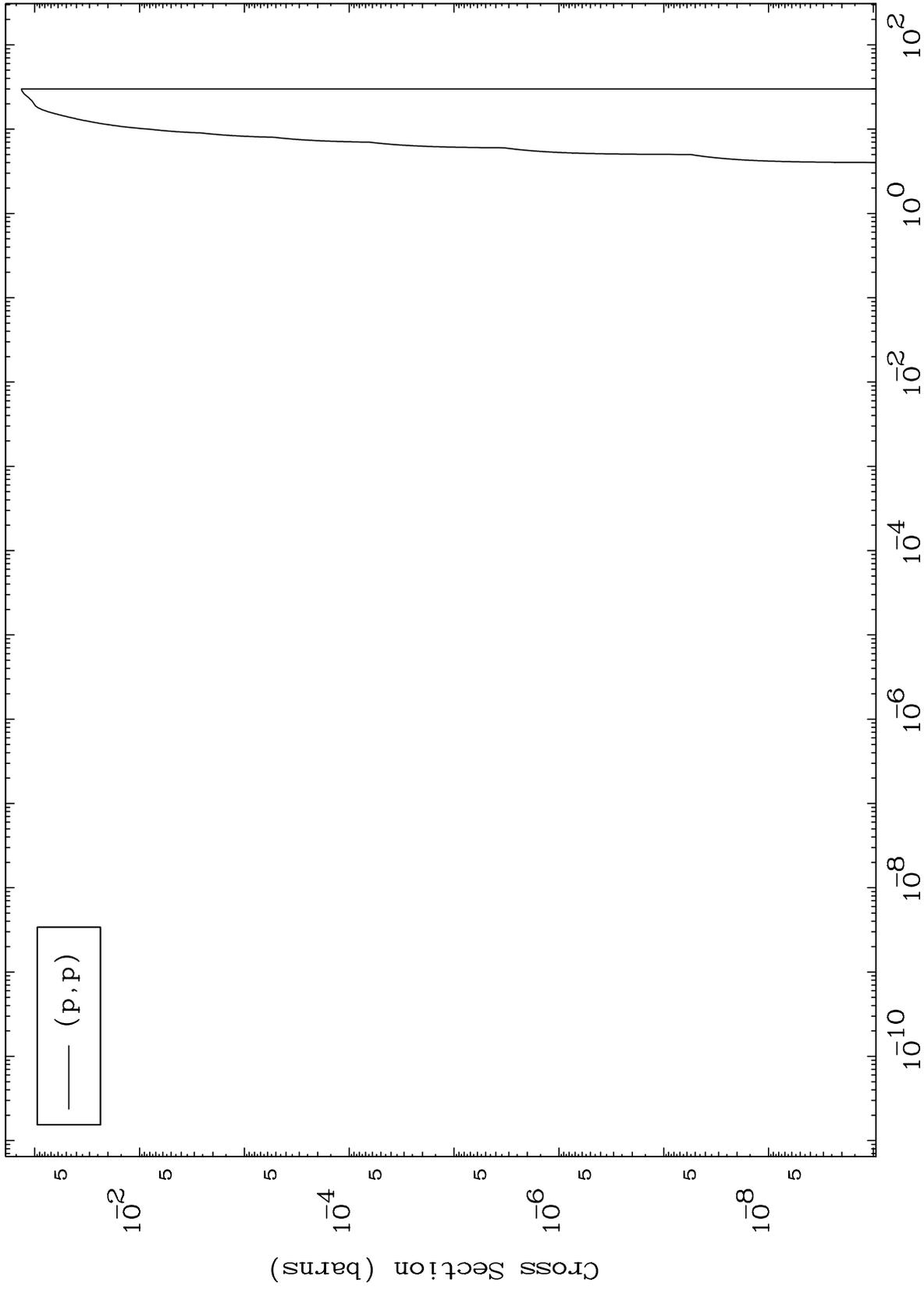
Incident Energy (MeV)

83-Bi-196

MAT 8287

(p,p) Levels  
0 Kelvin Cross Sections

83-Bi-196



7

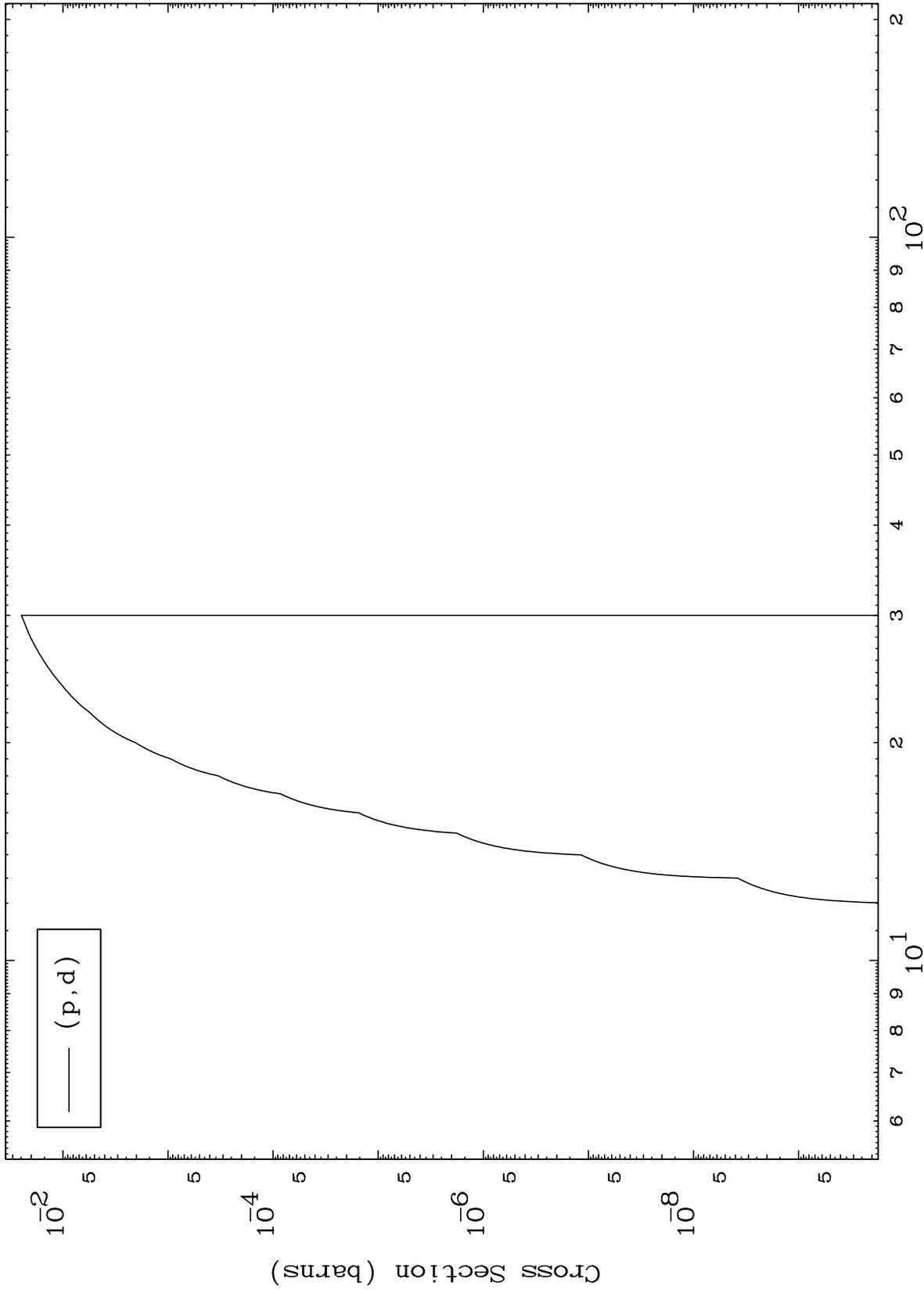
Incident Energy (MeV)

83-Bi-196

MAT 8287

(p,d) Levels  
0 Kelvin Cross Sections

83-Bi-196



8

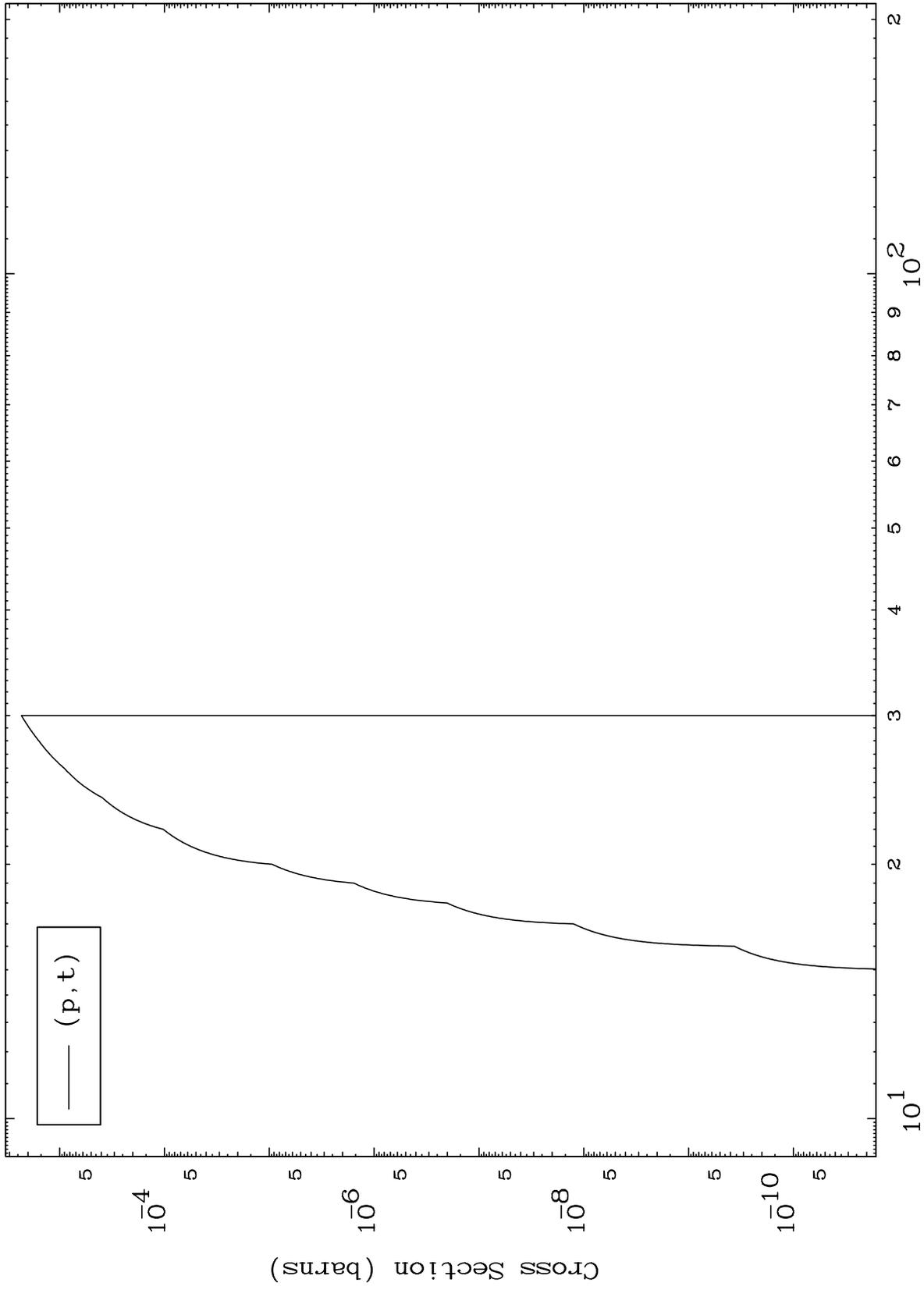
Incident Energy (MeV)

83-Bi-196

MAT 8287

(p,t) Levels  
0 Kelvin Cross Sections

83-Bi-196



9

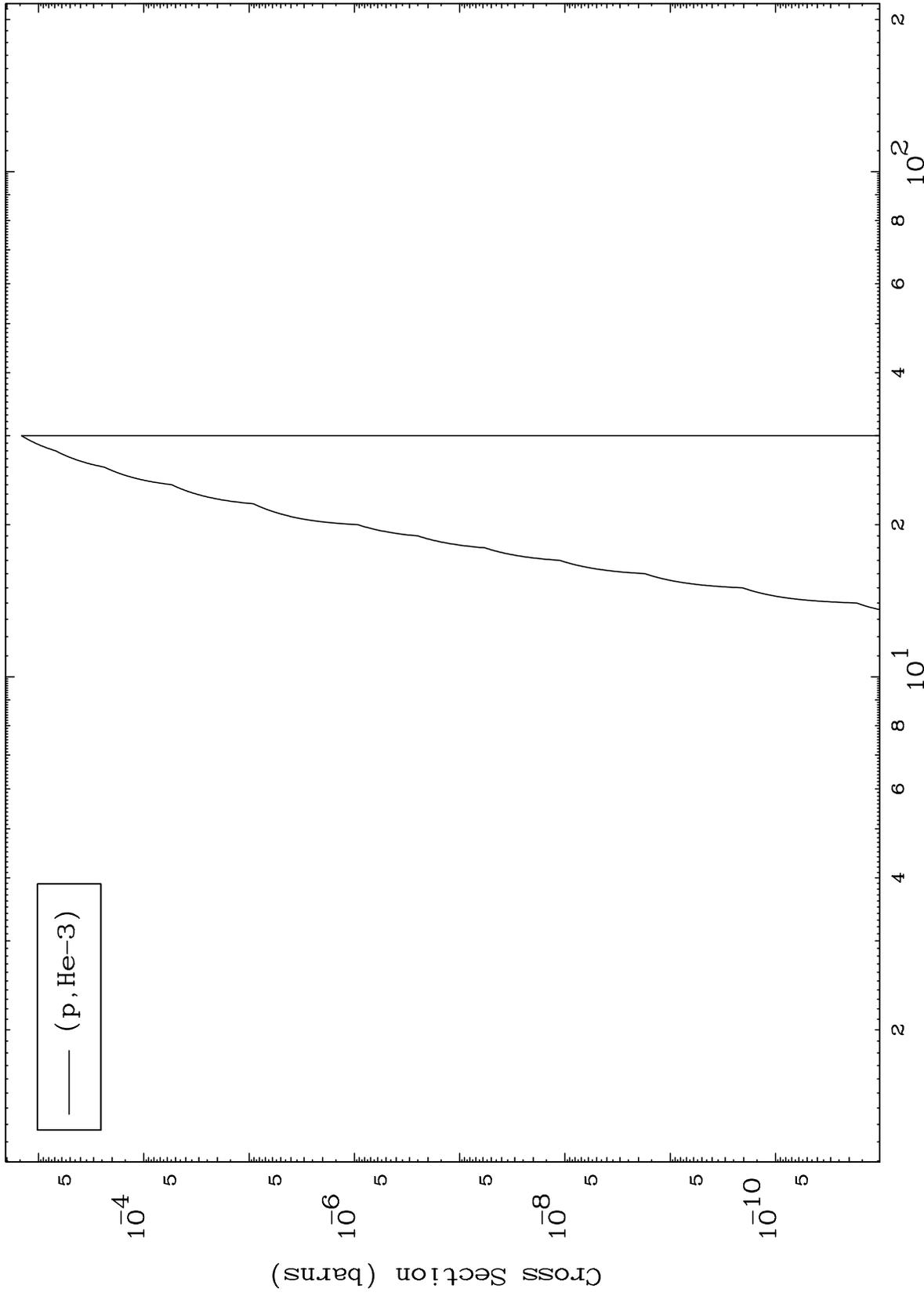
Incident Energy (MeV)

83-Bi-196

MAT 8287

(p,He3) Levels  
0 Kelvin Cross Sections

83-Bi-196



10

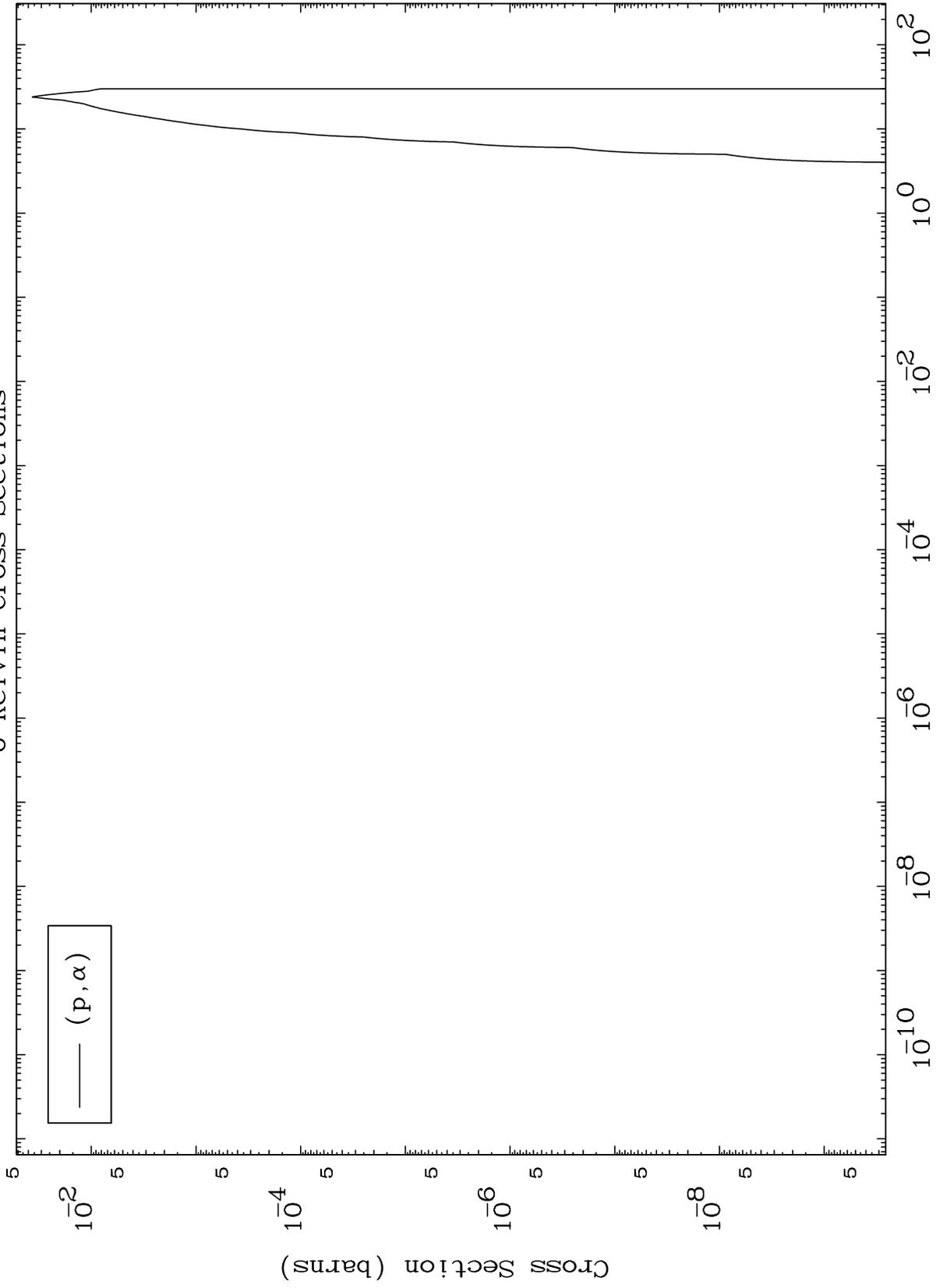
Incident Energy (MeV)

83-Bi-196

MAT 8287

(p,α) Levels  
0 Kelvin Cross Sections

83-Bi-196



11

Incident Energy (MeV)

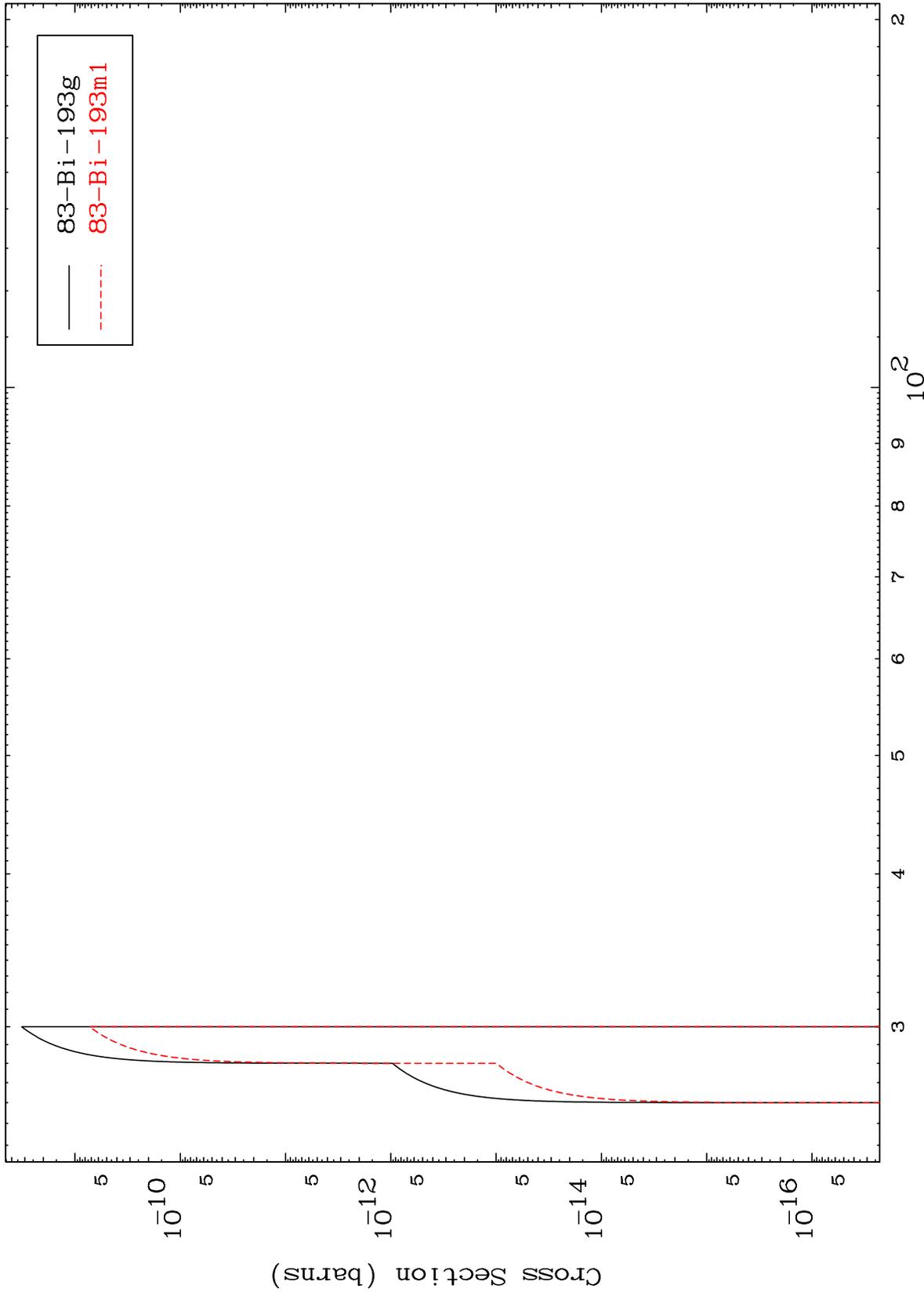
83-Bi-196

MAT 8287

(p,2n) d

83-Bi-196

Radionuclide Production Cross Section



12

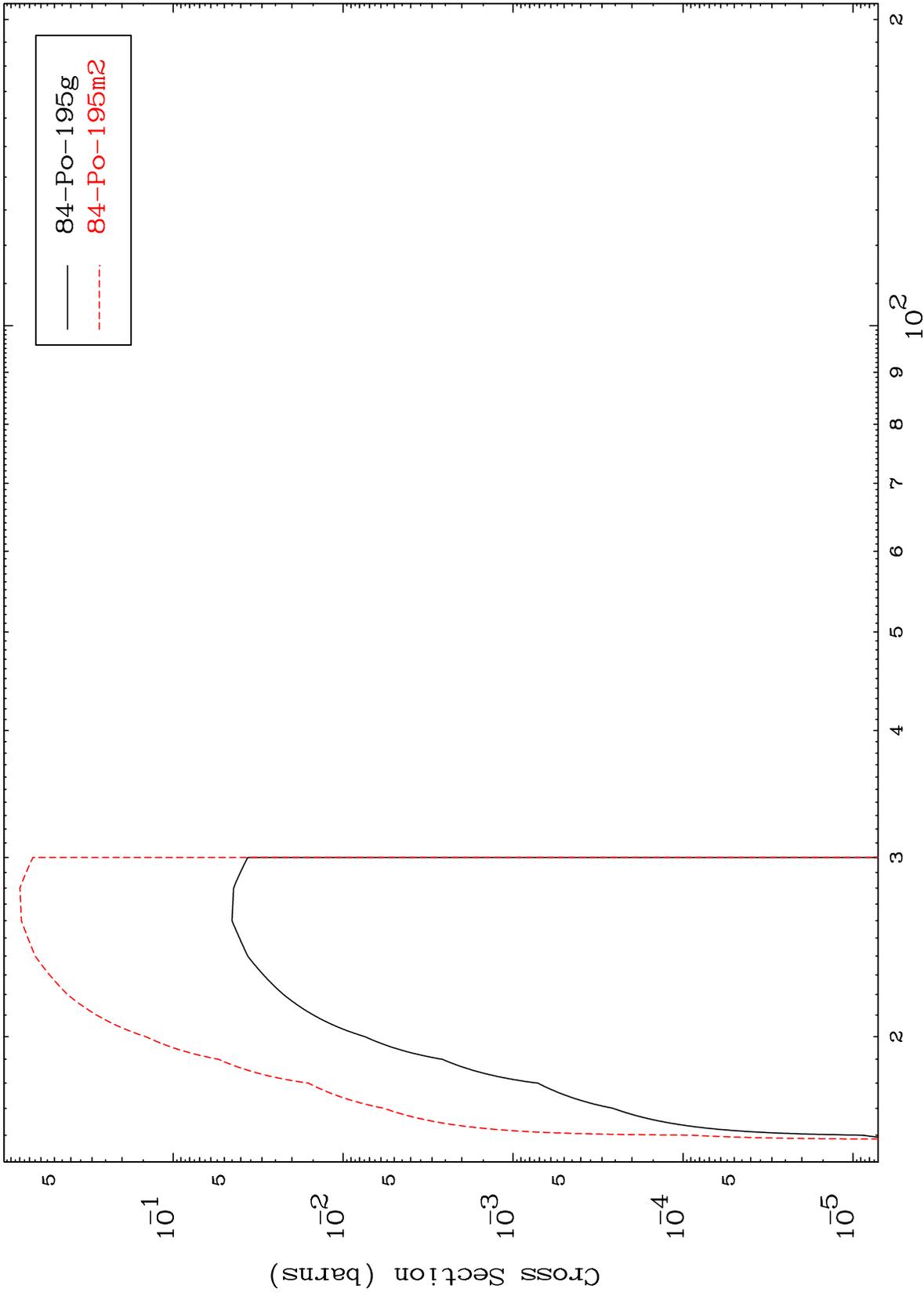
Incident Energy (MeV)

83-Bi-196

MAT 8287

83-Bi-196

(p,2n)  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

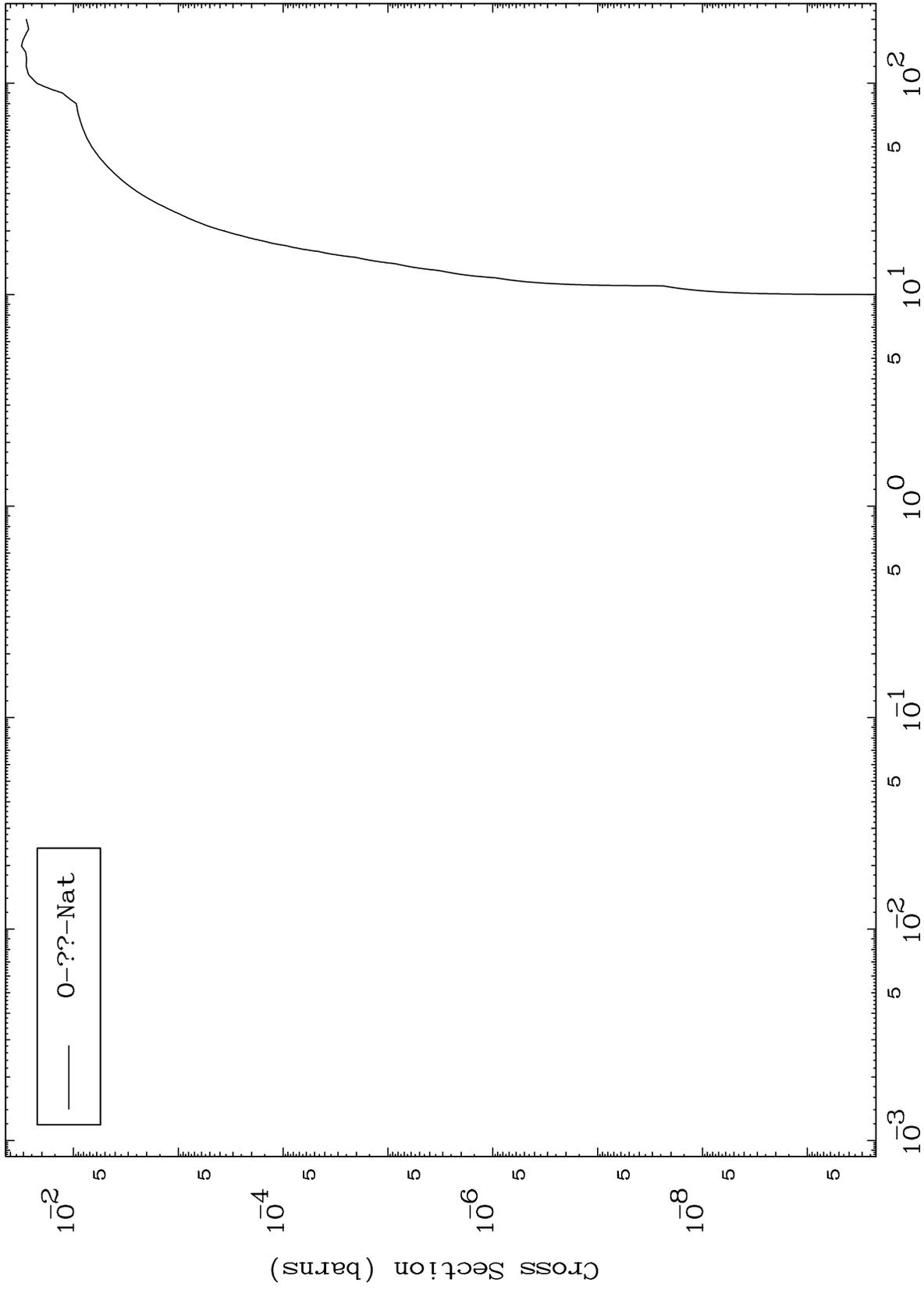
83-Bi-196

MAT 8287

Proton Fission

83-Bi-196

Radionuclide Production Cross Section



14

Incident Energy (MeV)

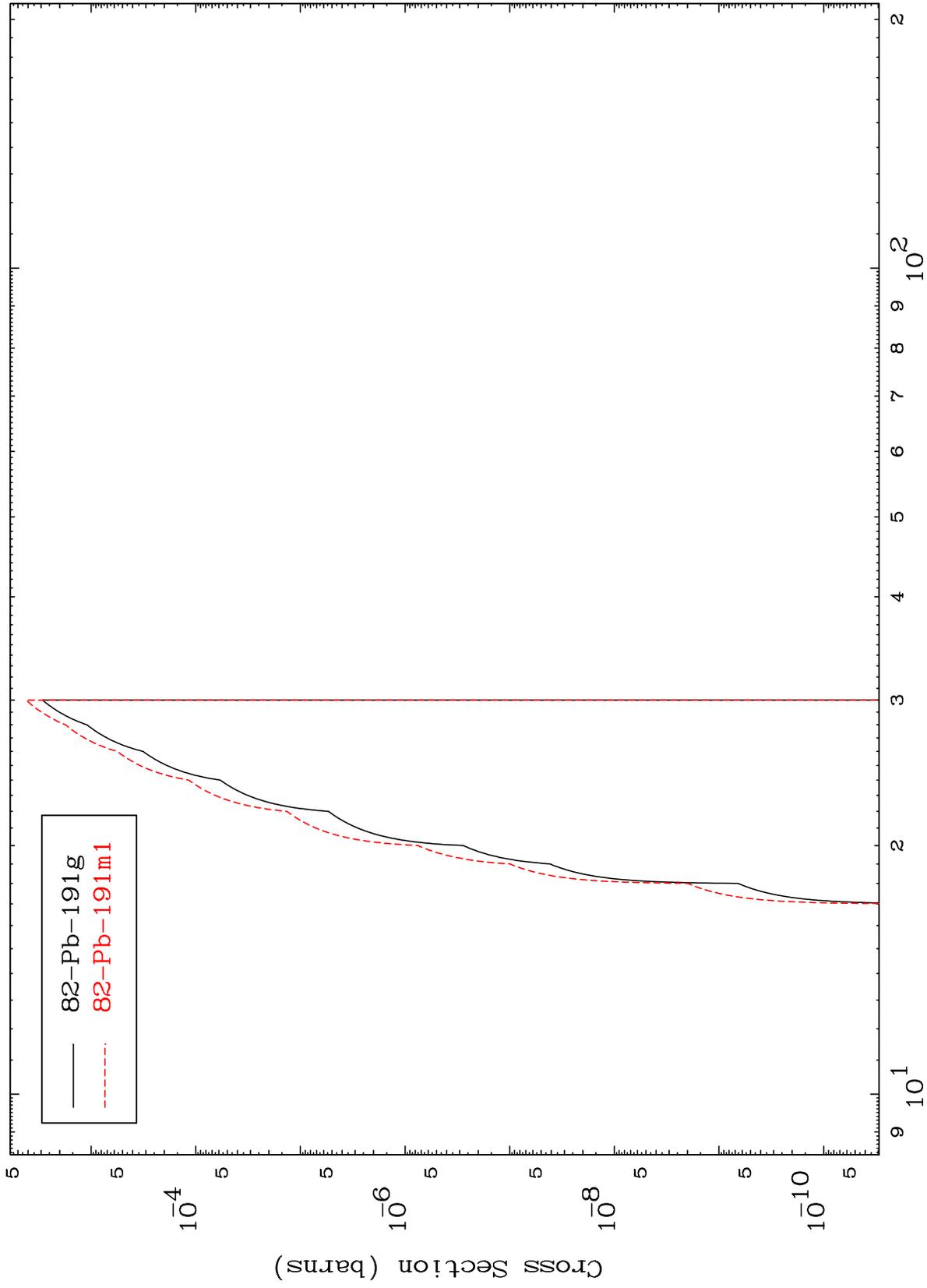
83-Bi-196

MAT 8287

(p,2n)  $\alpha$

83-Bi-196

Radionuclide Production Cross Section



15

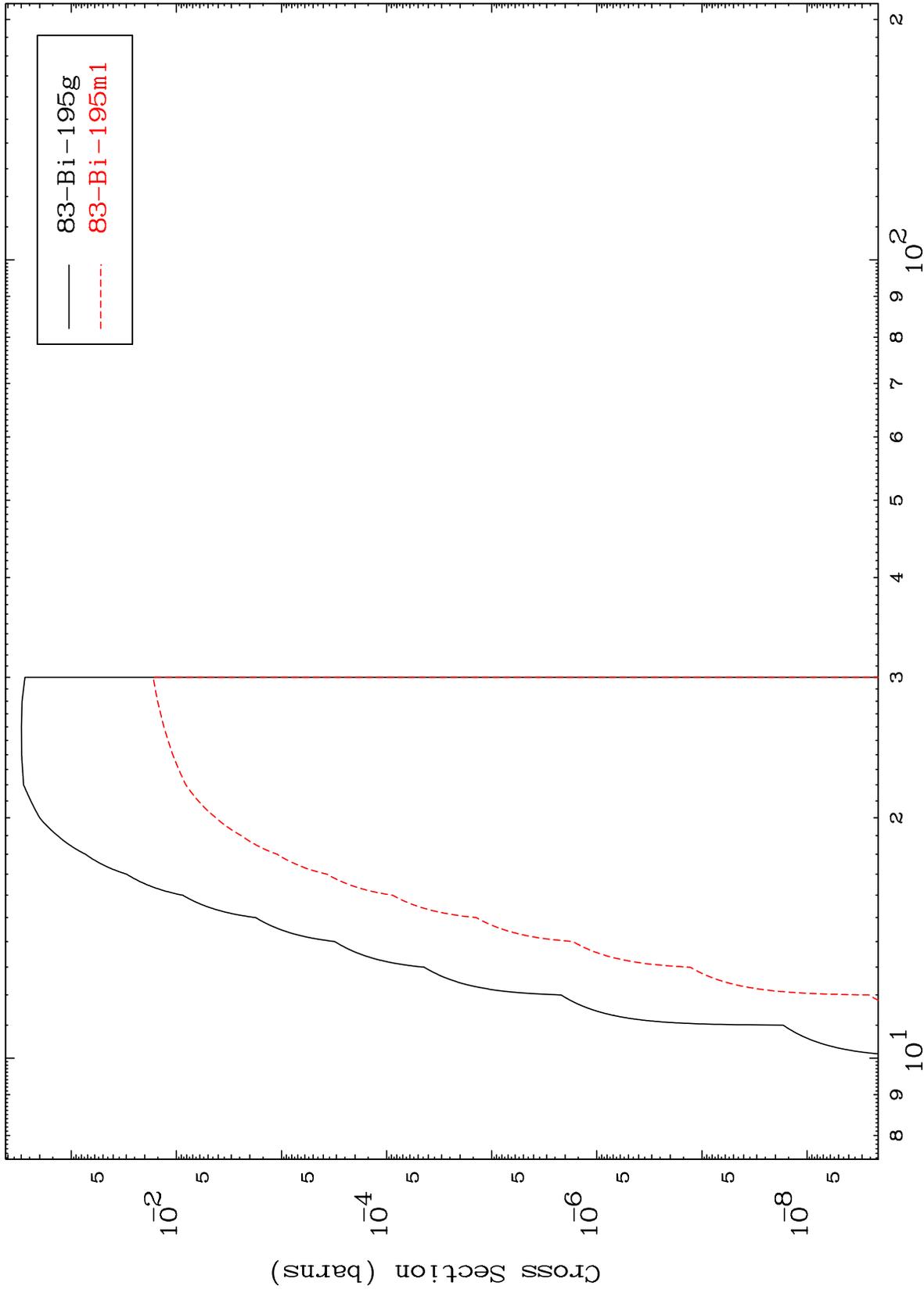
Incident Energy (MeV)

83-Bi-196

MAT 8287

83-Bi-196

(p,n') p  
Radionuclide Production Cross Section



16

Incident Energy (MeV)

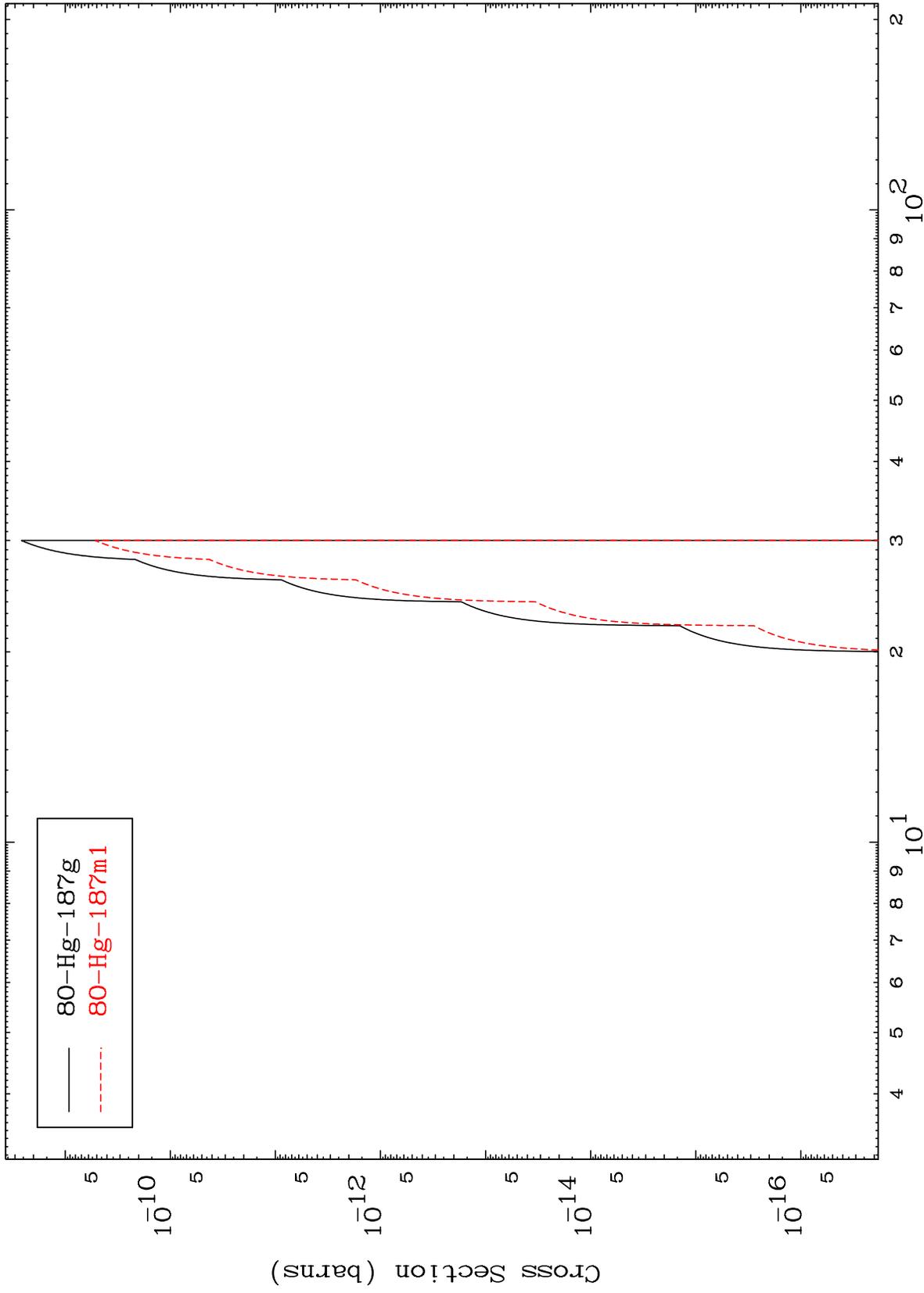
83-Bi-196

MAT 8287

(p,2n) 2 $\alpha$

83-Bi-196

Radionuclide Production Cross Section



17

Incident Energy (MeV)

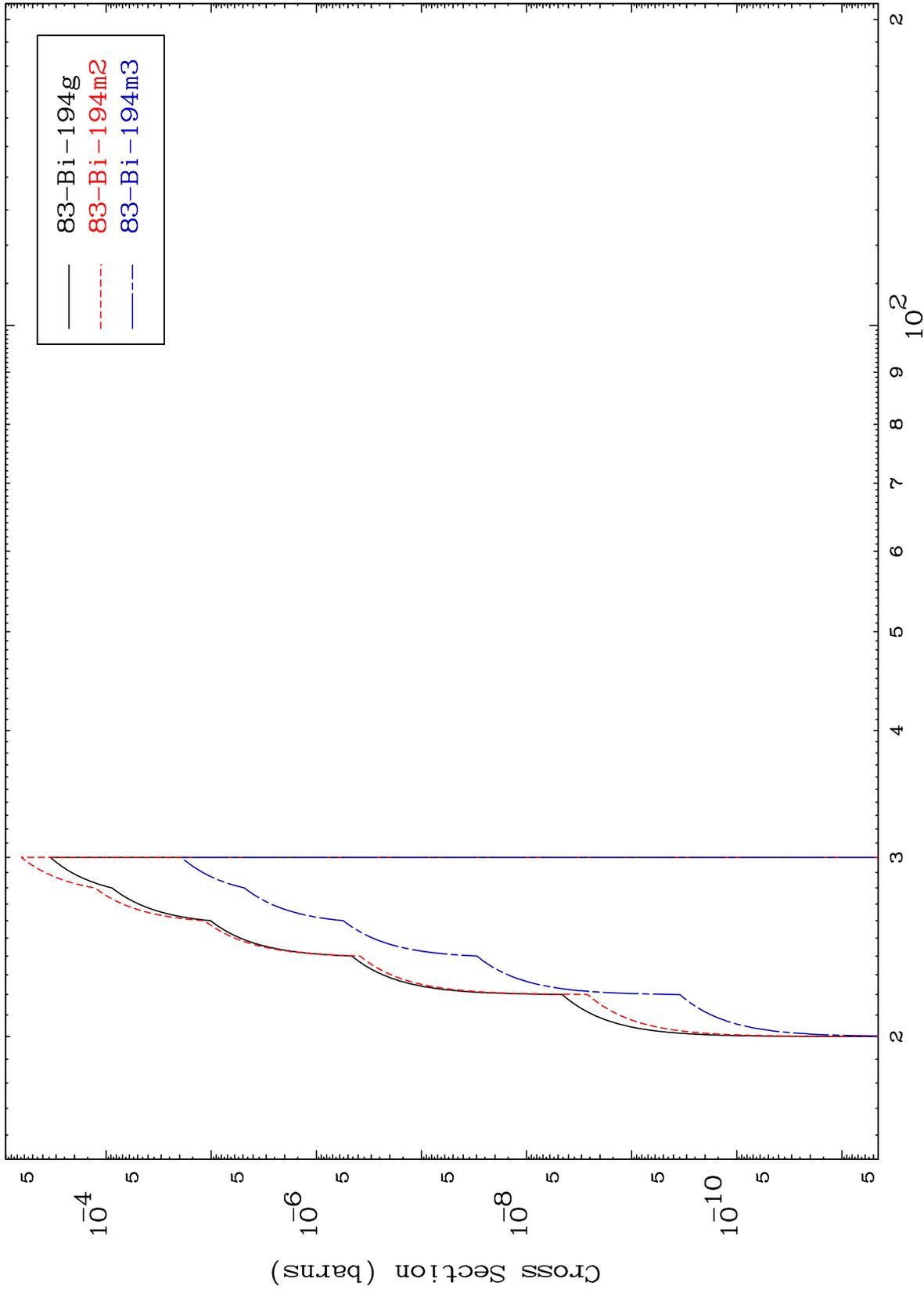
83-Bi-196

MAT 8287

(p,n') d

<sup>83</sup>Bi-196

Radionuclide Production Cross Section



18

Incident Energy (MeV)

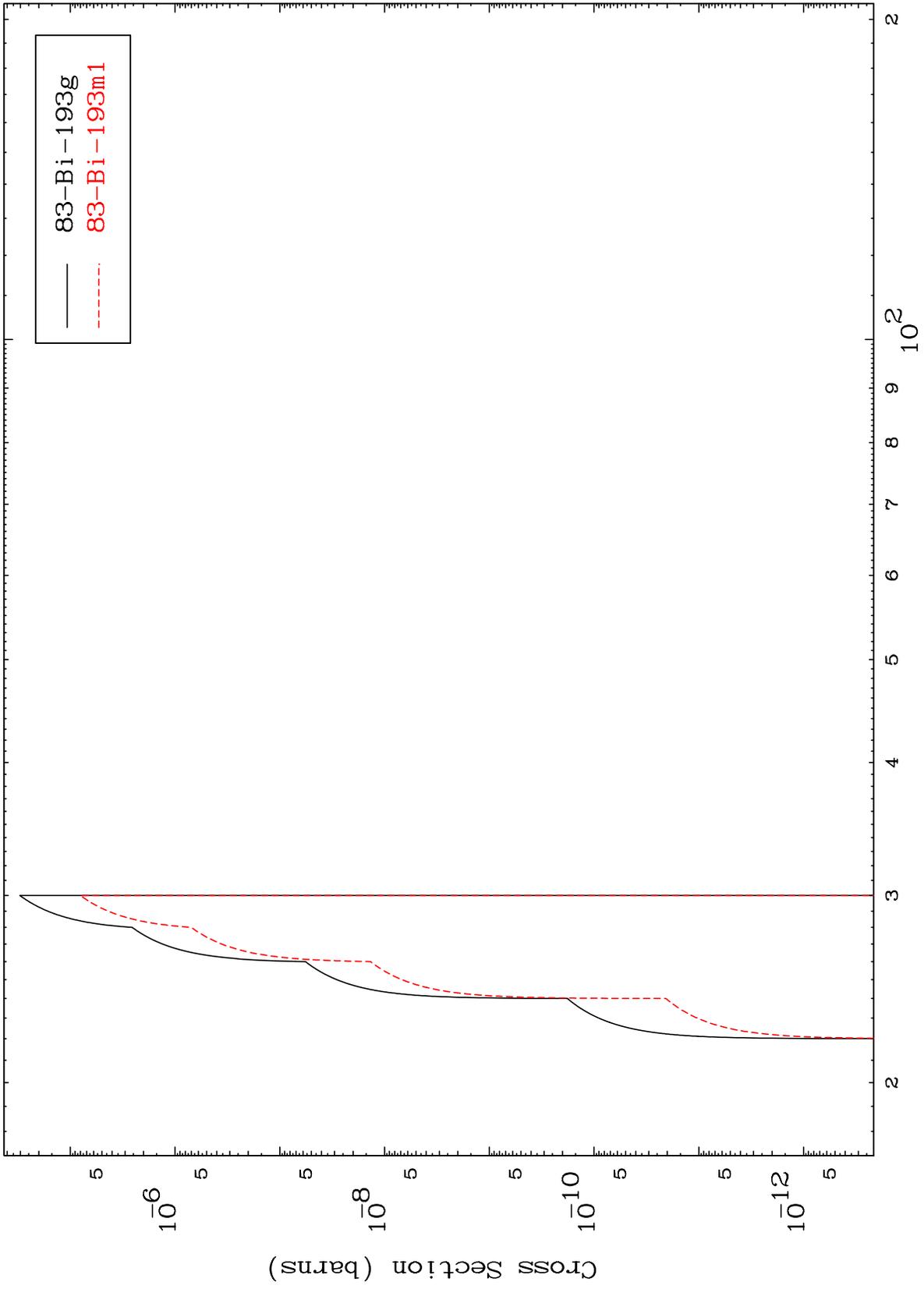
<sup>83</sup>Bi-196

MAT 8287

(p,n') t

83-Bi-196

Radionuclide Production Cross Section



19

Incident Energy (MeV)

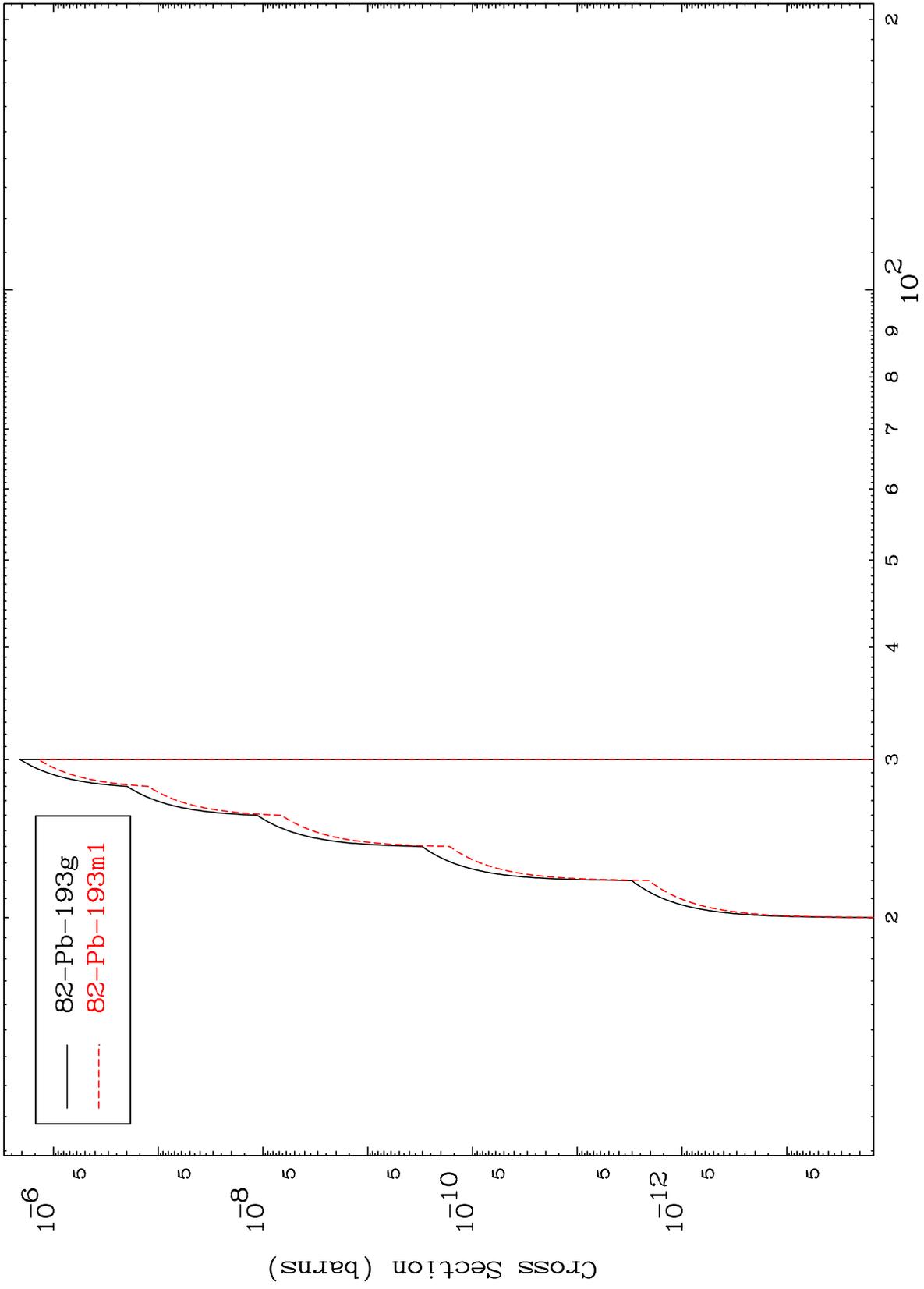
83-Bi-196

MAT 8287

(p,n') He-3

83-Bi-196

Radionuclide Production Cross Section



20

Incident Energy (MeV)

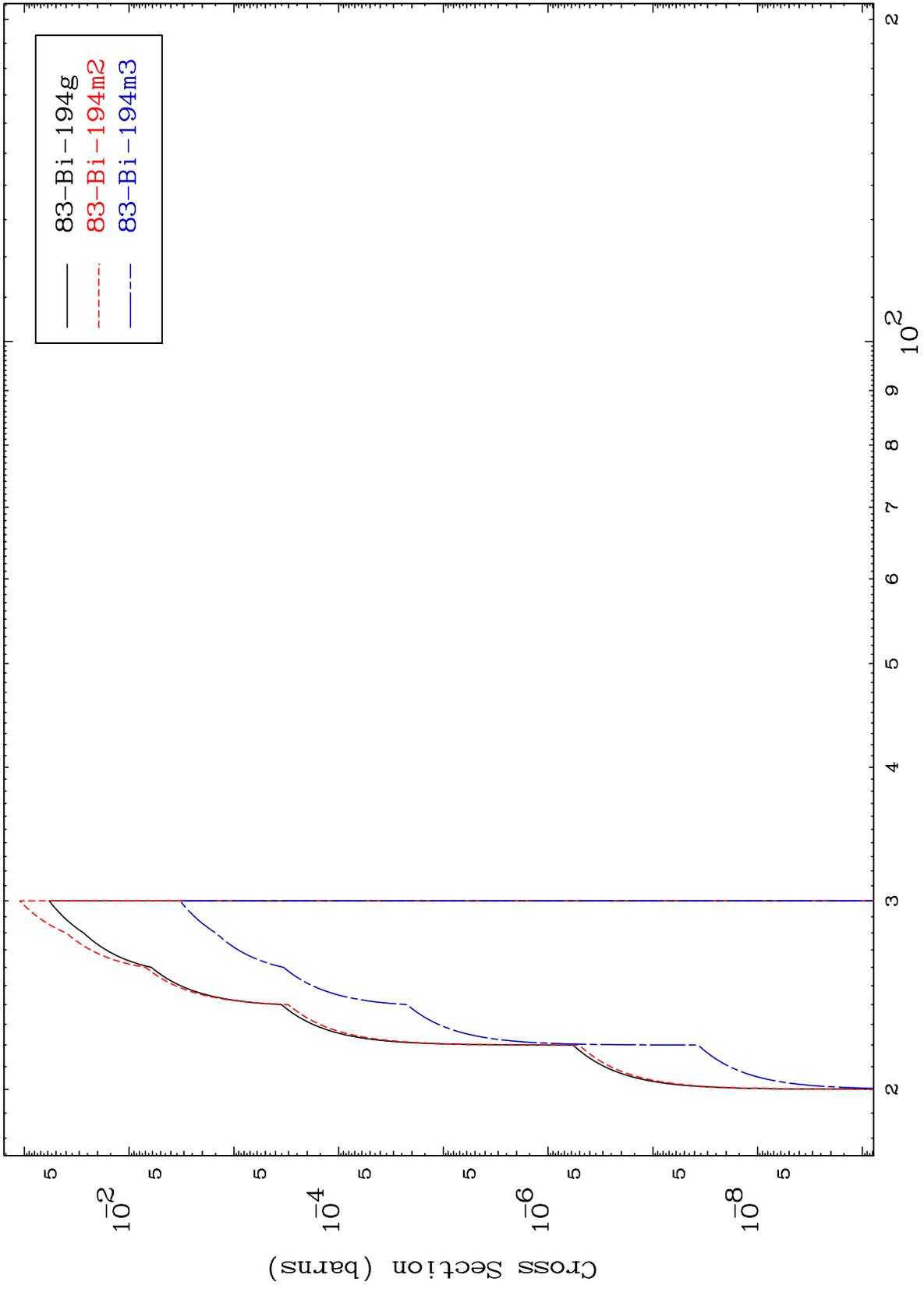
83-Bi-196

MAT 8287

(p,2n) p

83-Bi-196

Radionuclide Production Cross Section



21

Incident Energy (MeV)

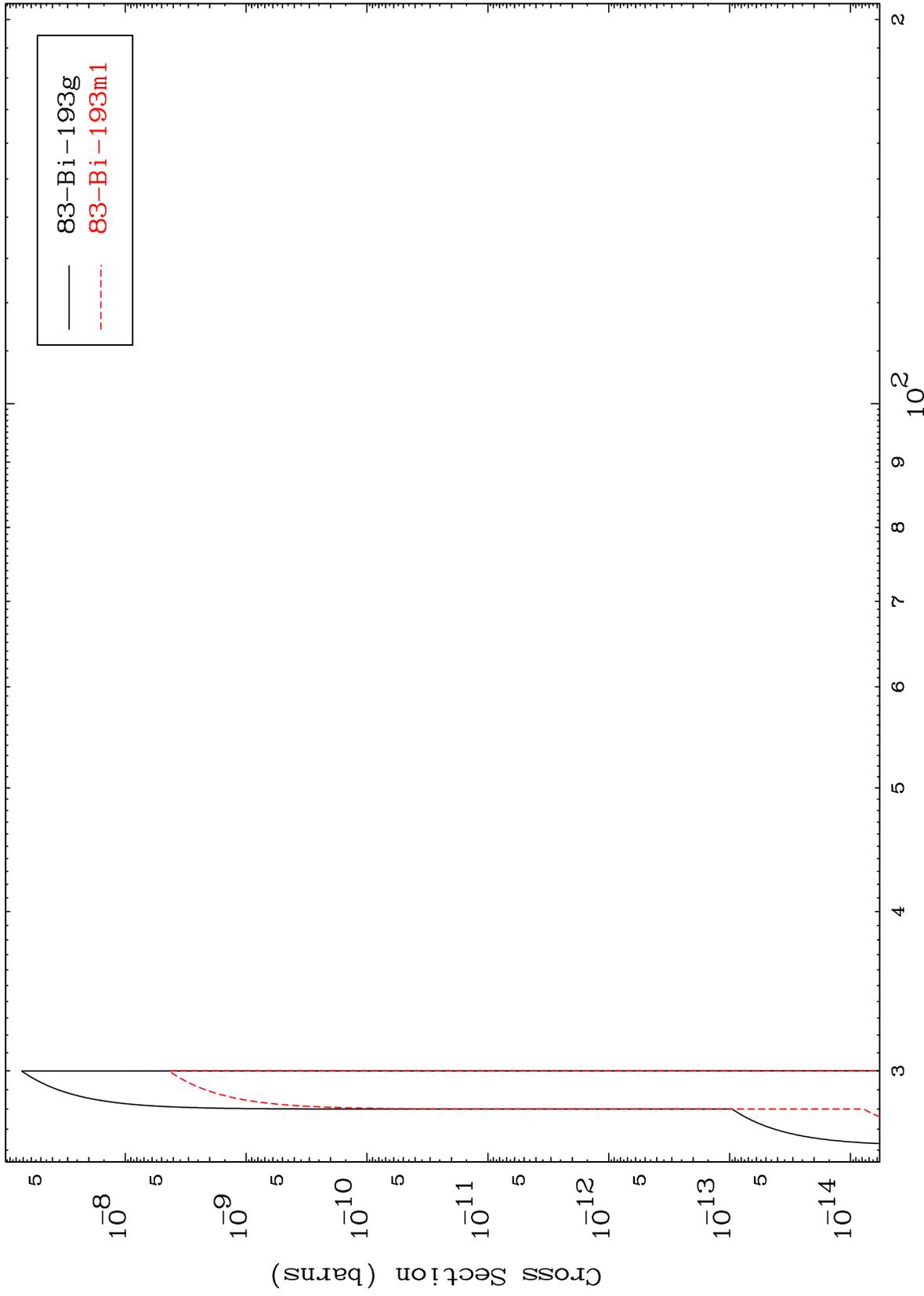
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MAT 8287

(p,3n) p

83-Bi-196

Radionuclide Production Cross Section



22

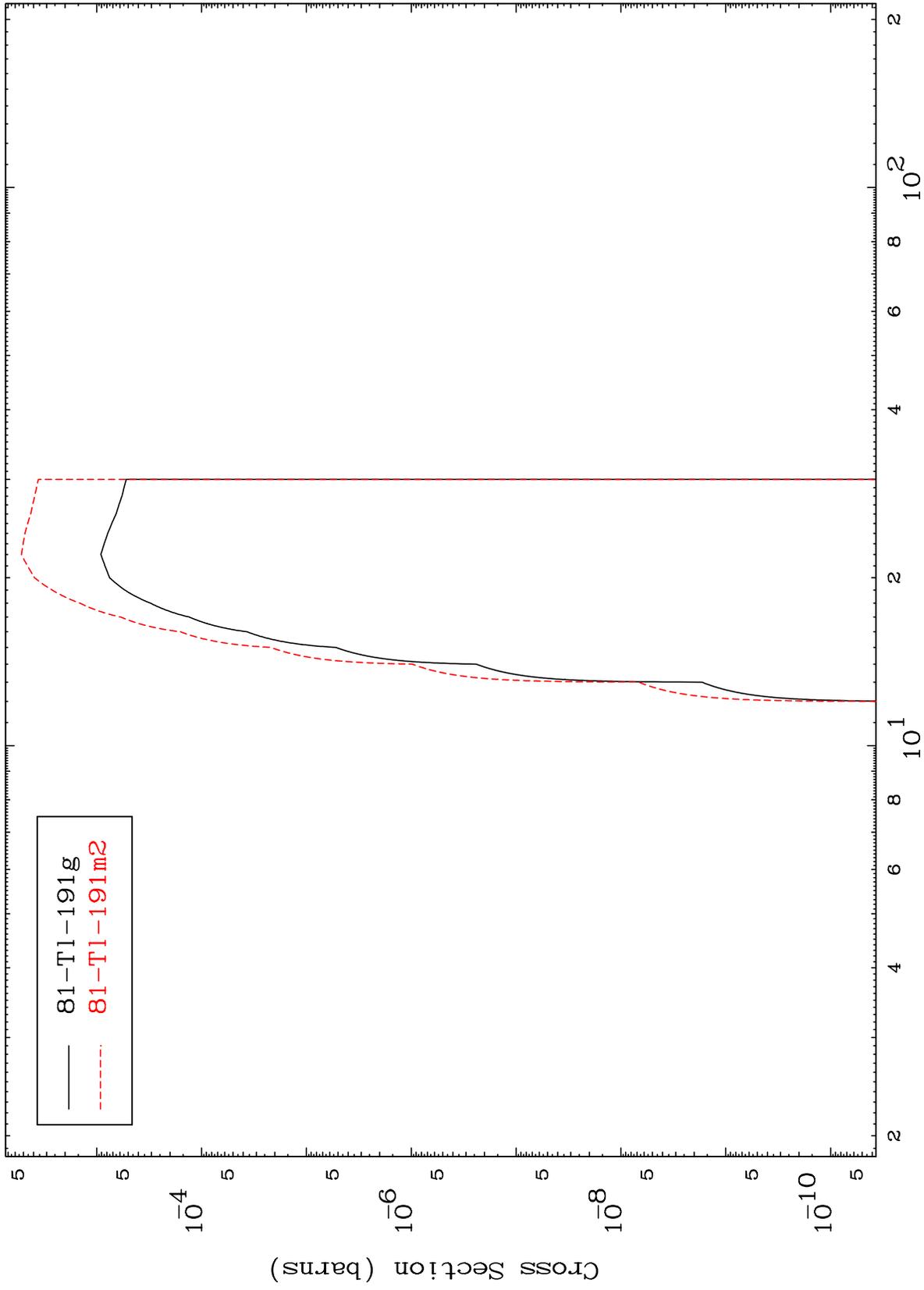
Incident Energy (MeV)

83-Bi-196

MAT 8287

83-Bi-196

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



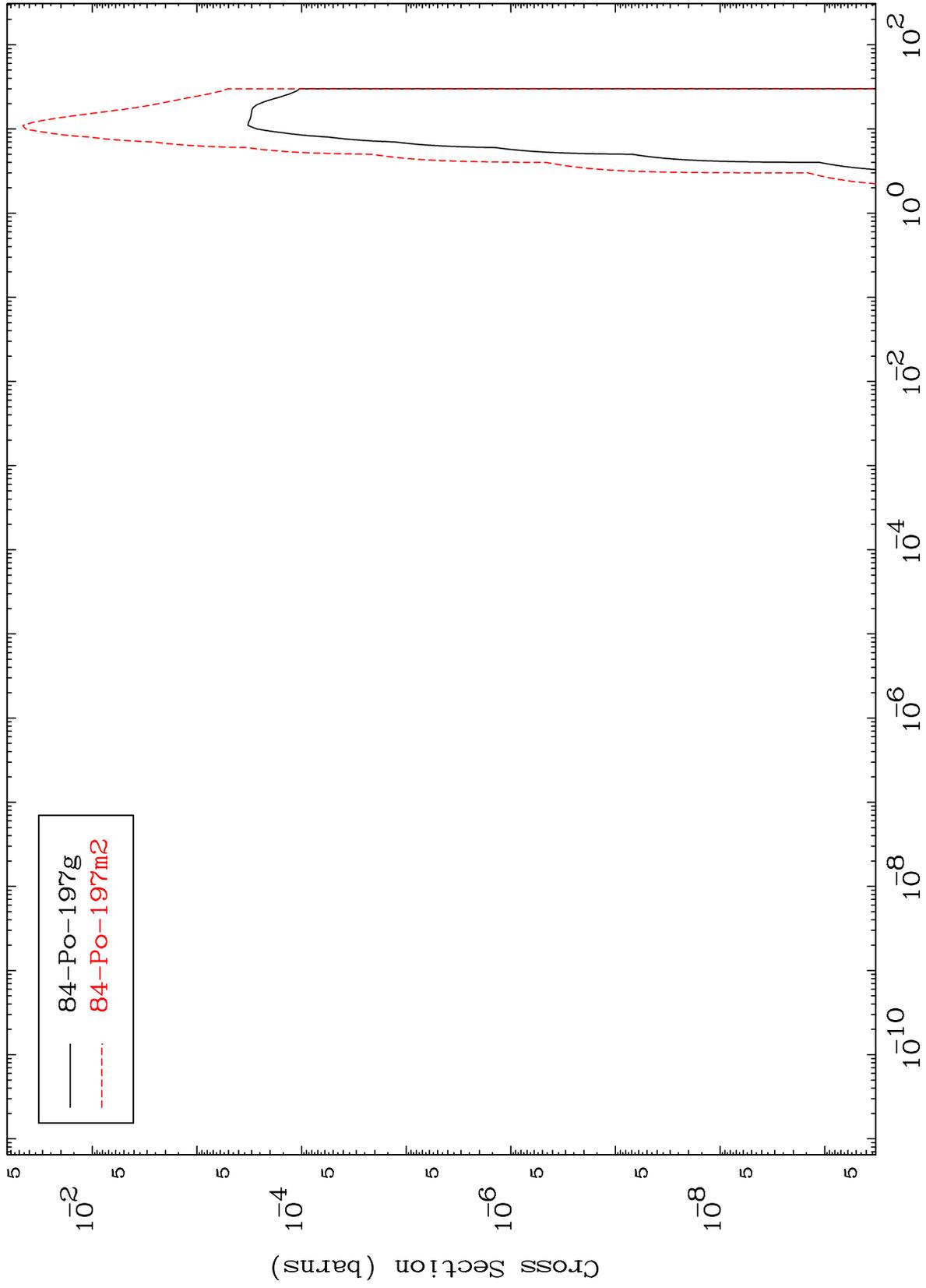
23

83-Bi-196

MAT 8287

Radionuclide Production Cross Section  
(p,γ)

83-Bi-196



24

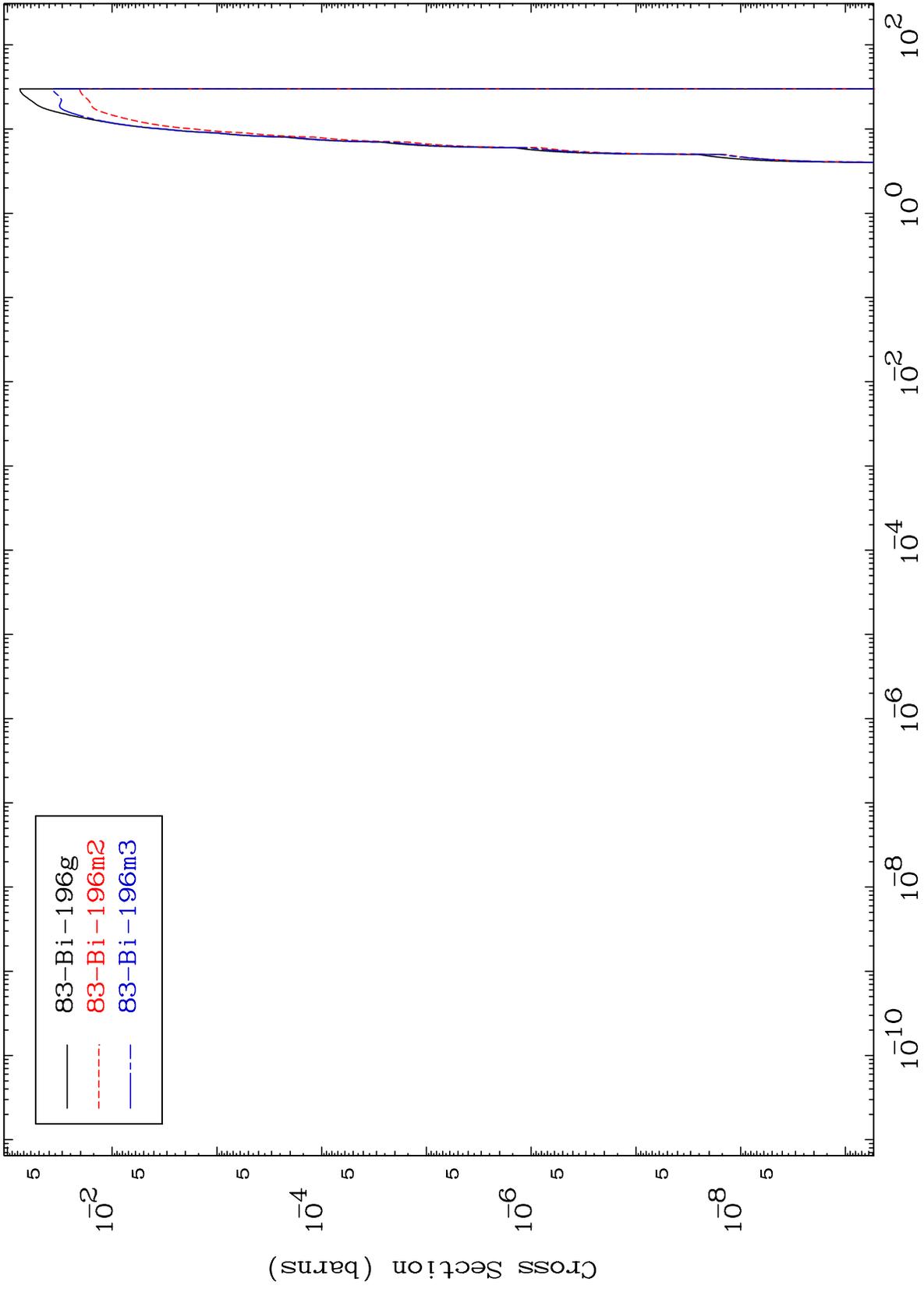
Incident Energy (MeV)

83-Bi-196

MAT 8287

(p,p)  
Radionuclide Production Cross Section

83-Bi-196



25

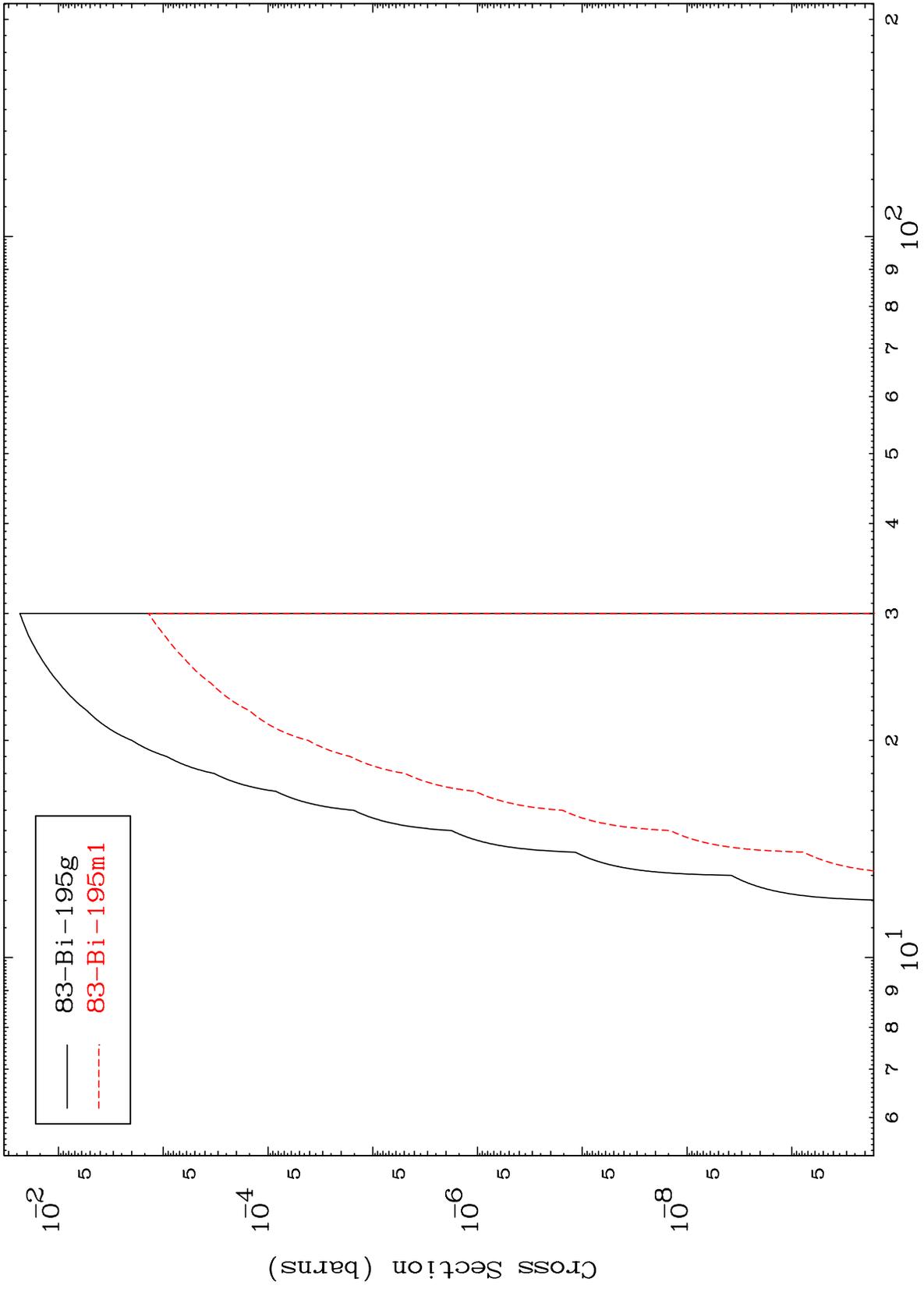
Incident Energy (MeV)

83-Bi-196

MAT 8287

83-Bi-196

(p,d)  
Radionuclide Production Cross Section



26

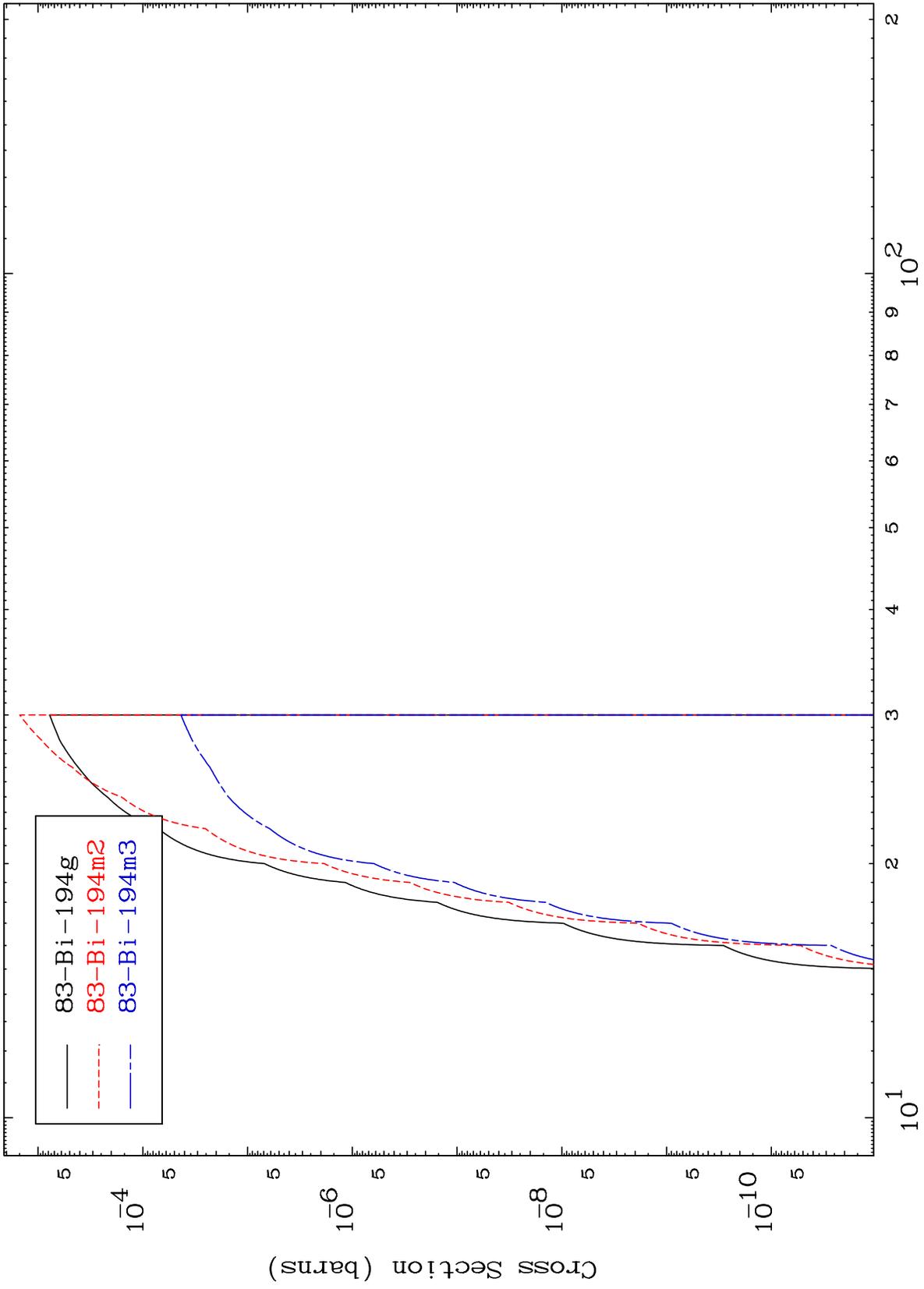
83-Bi-196

Incident Energy (MeV)

MAT 8287

83-Bi-196

Radionuclide Production Cross Section  
(p, t)



27

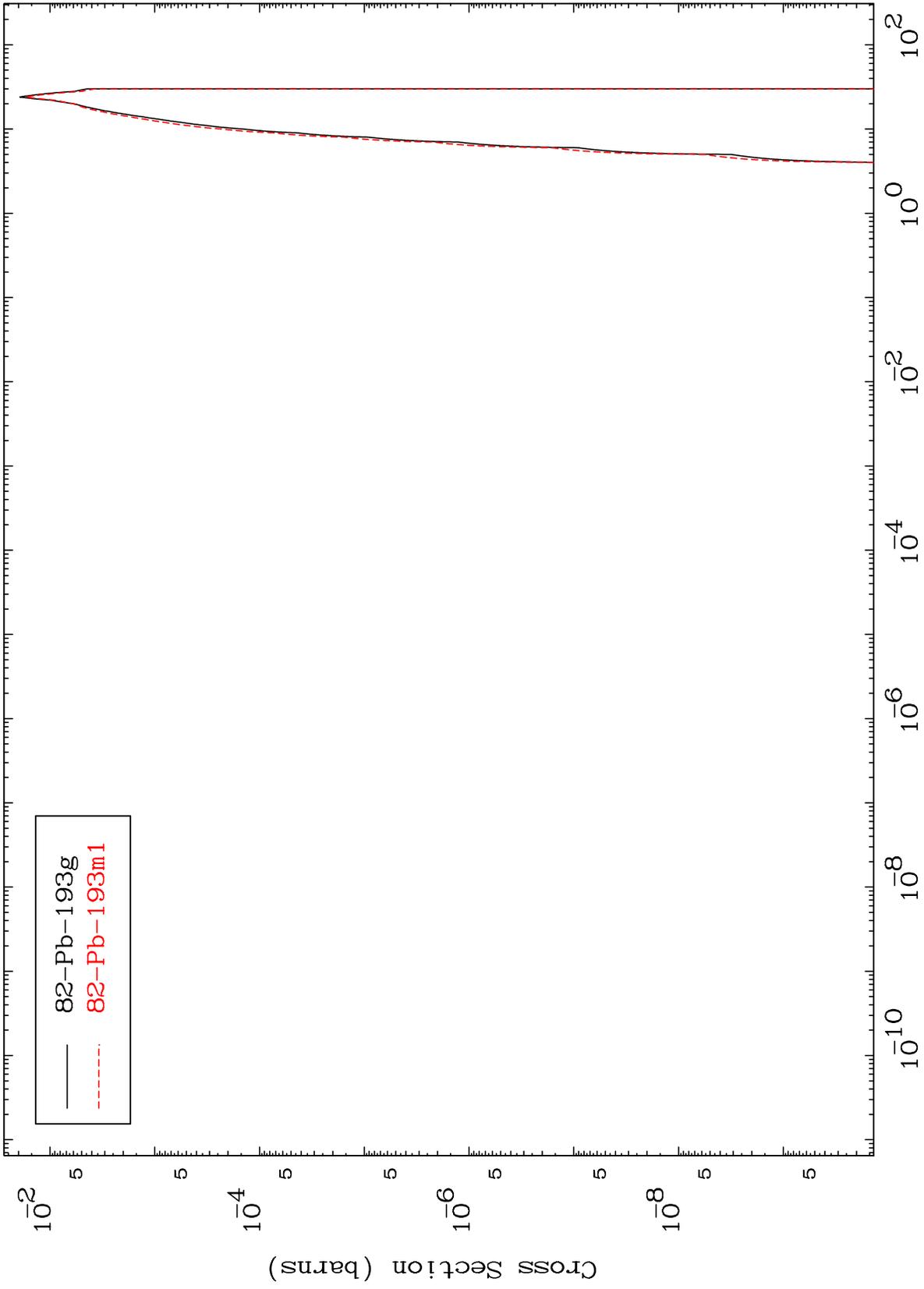
Incident Energy (MeV)

83-Bi-196

MAT 8287

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

$^{83}\text{Bi-196}$



28

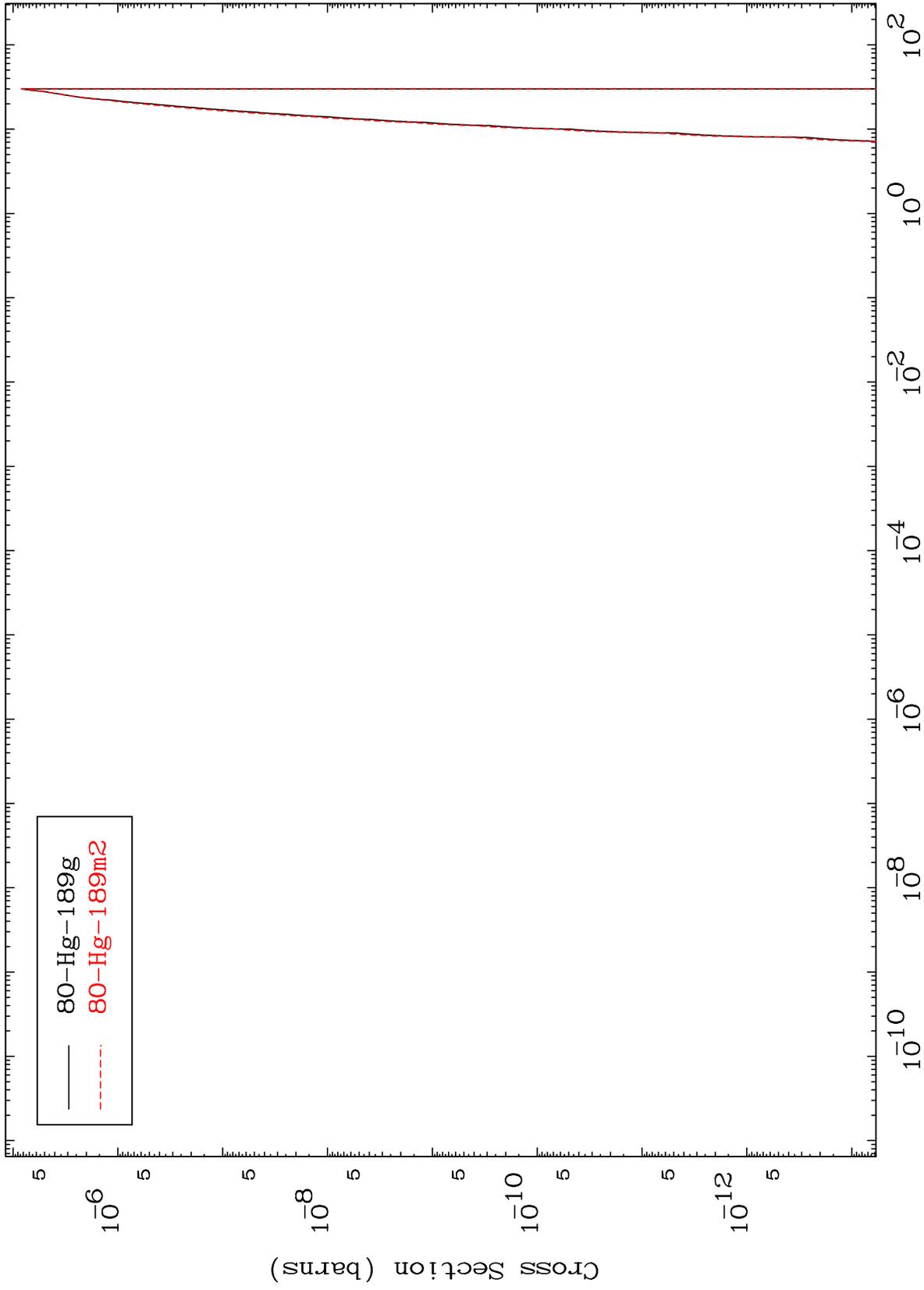
$^{83}\text{Bi-196}$

MAT 8287

(p,2α)

83-Bi-196

Radionuclide Production Cross Section



29

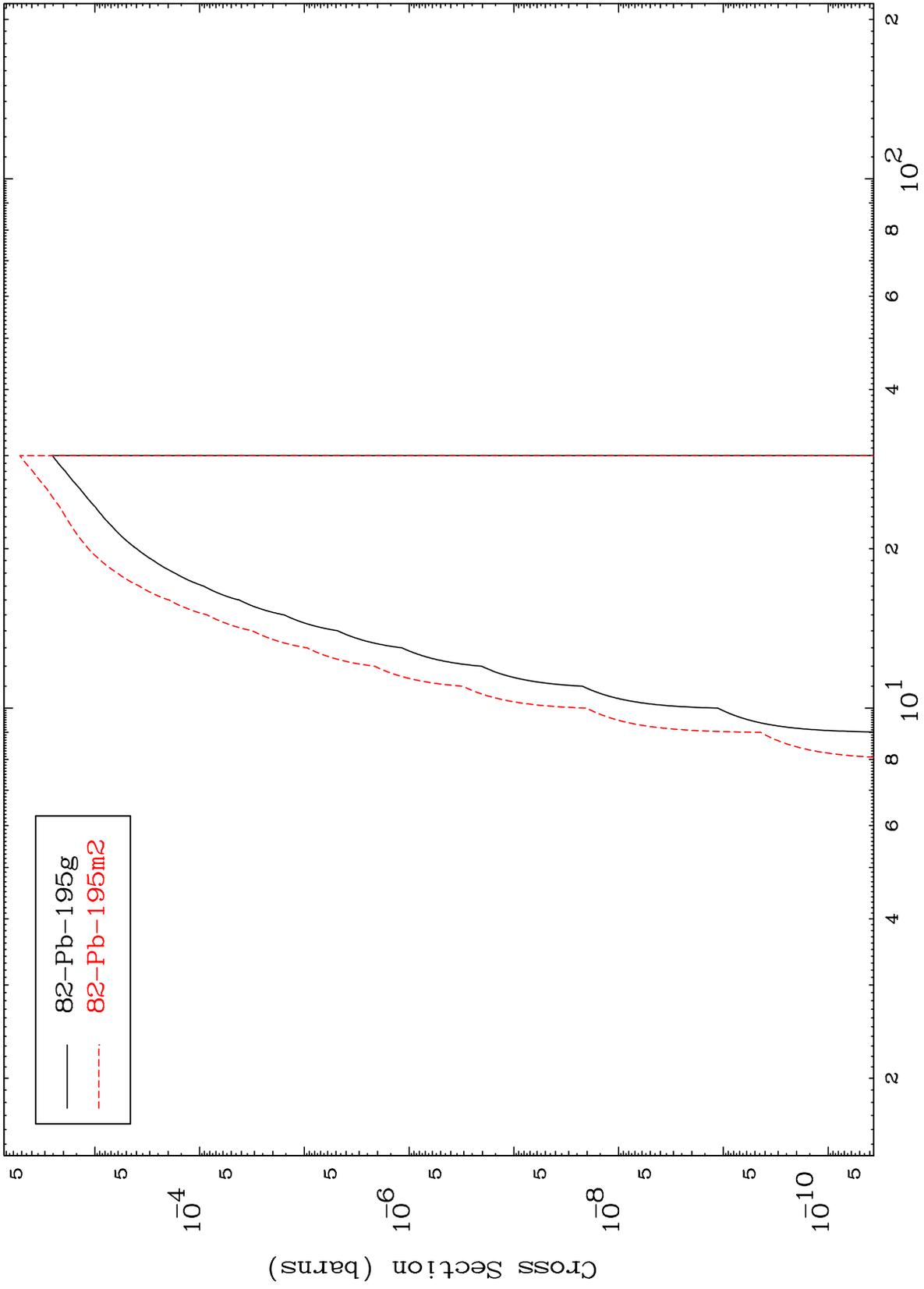
Incident Energy (MeV)

83-Bi-196

MAT 8287

83-Bi-196

(p,2p)  
Radionuclide Production Cross Section



30

Incident Energy (MeV)

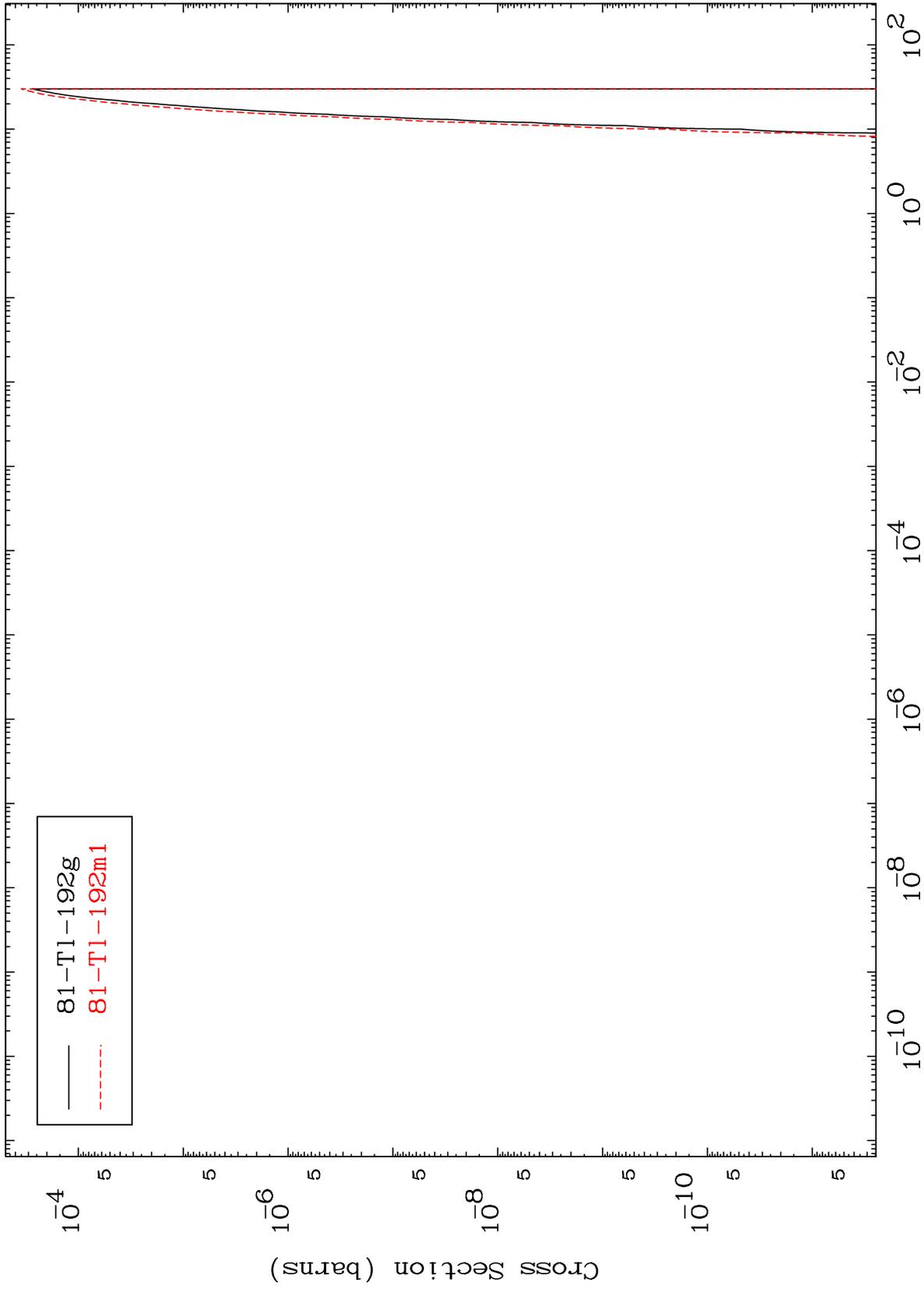
83-Bi-196

MAT 8287

(p,p)  $\alpha$

83-Bi-196

Radionuclide Production Cross Section



31

Incident Energy (MeV)

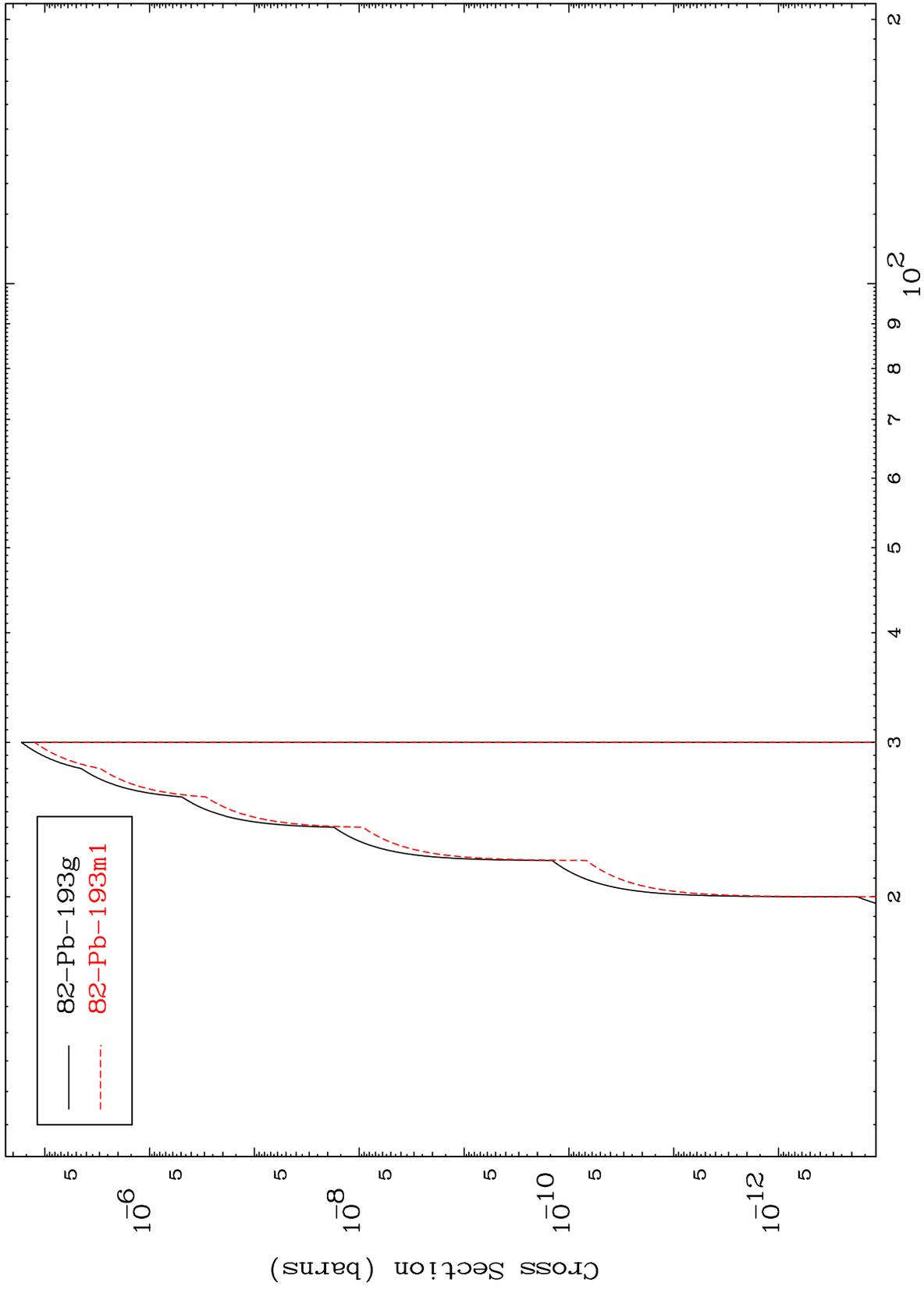
83-Bi-196

MAT 8287

(p,p) t

83-Bi-196

Radionuclide Production Cross Section



32

Incident Energy (MeV)

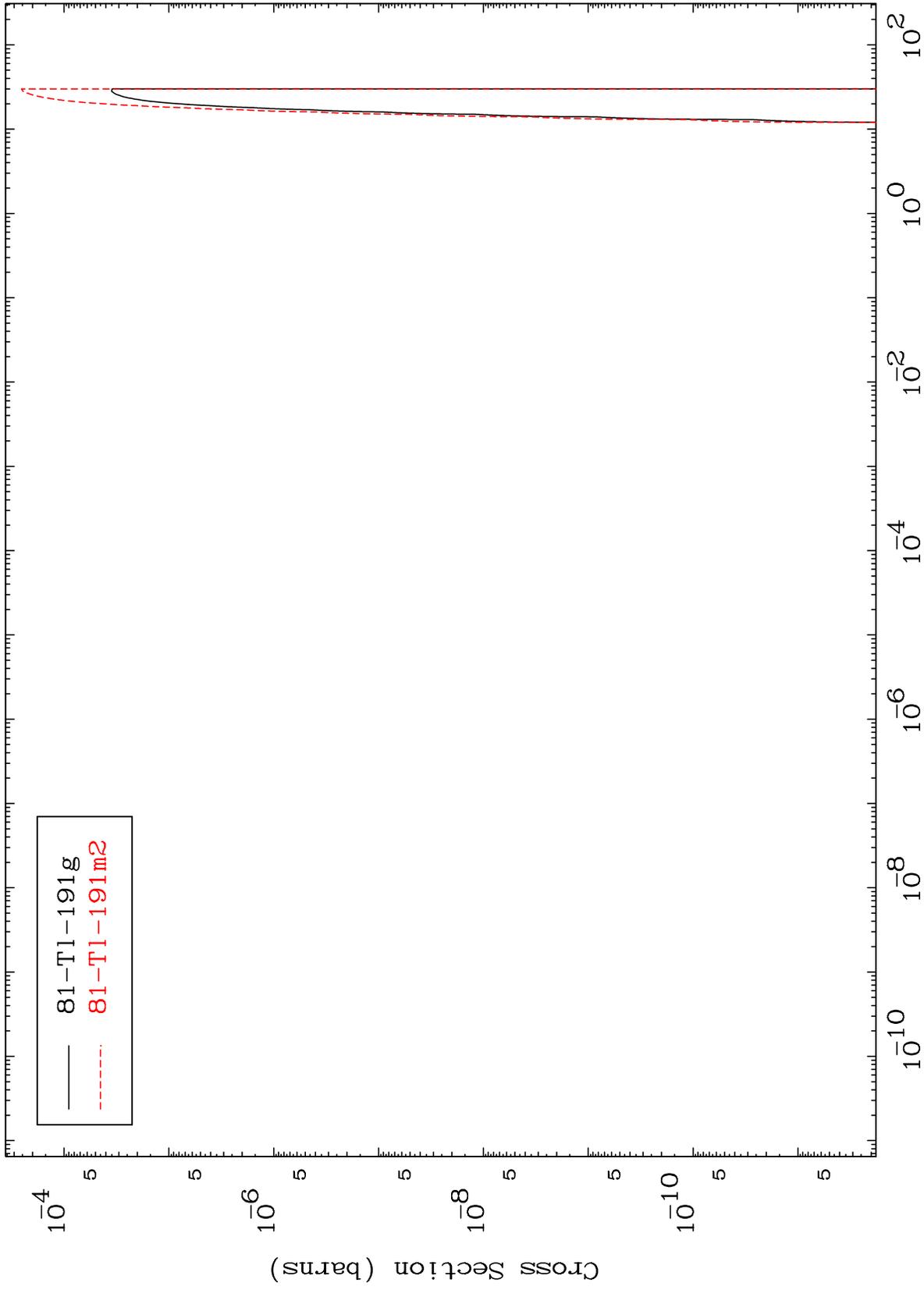
83-Bi-196

MAT 8287

(p,d)  $\alpha$

83-Bi-196

Radionuclide Production Cross Section



33

Incident Energy (MeV)

83-Bi-196