

Program EVALPLOT
(Version 2018-1)

by

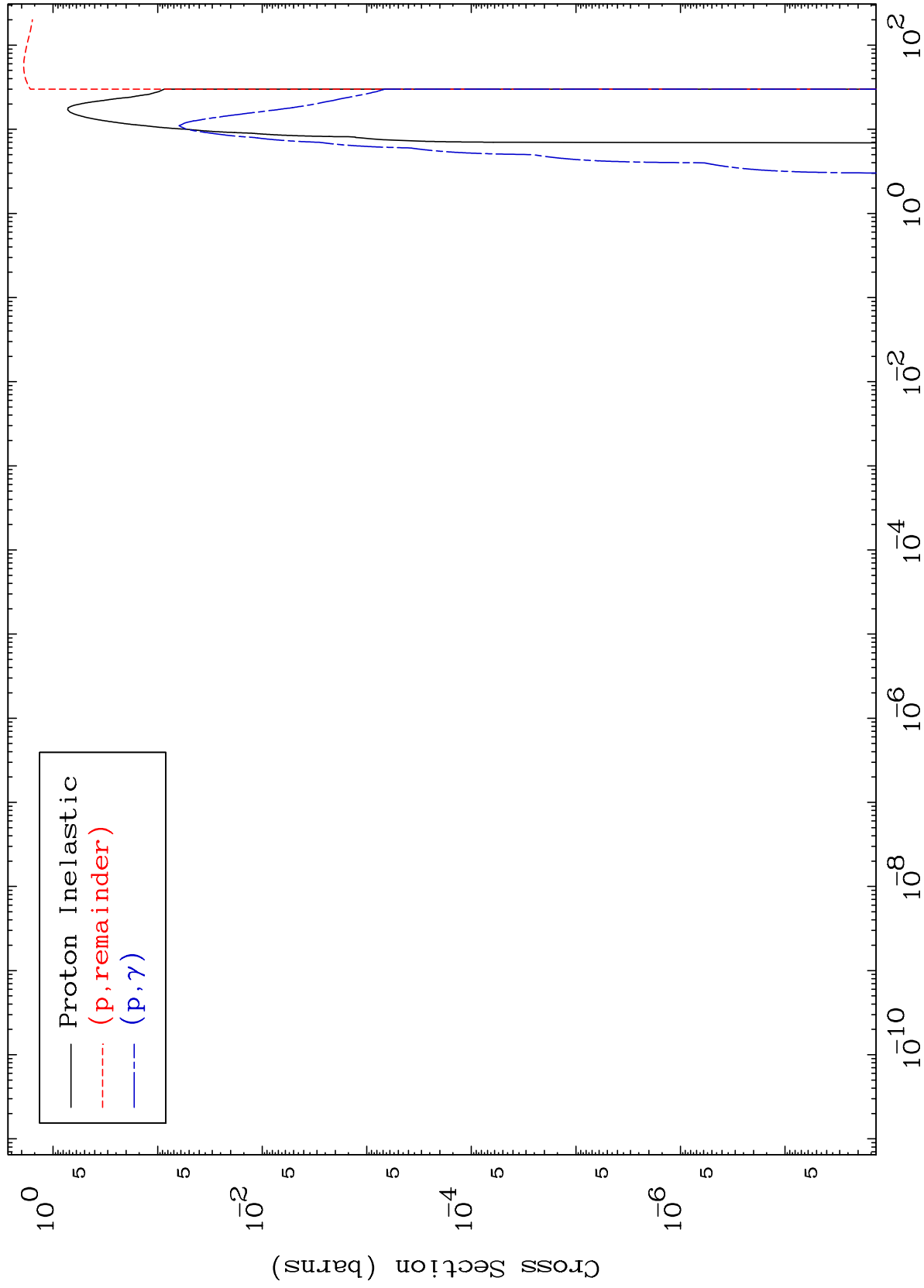
Dermott E. Cullen
(Present Contact Information)

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Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
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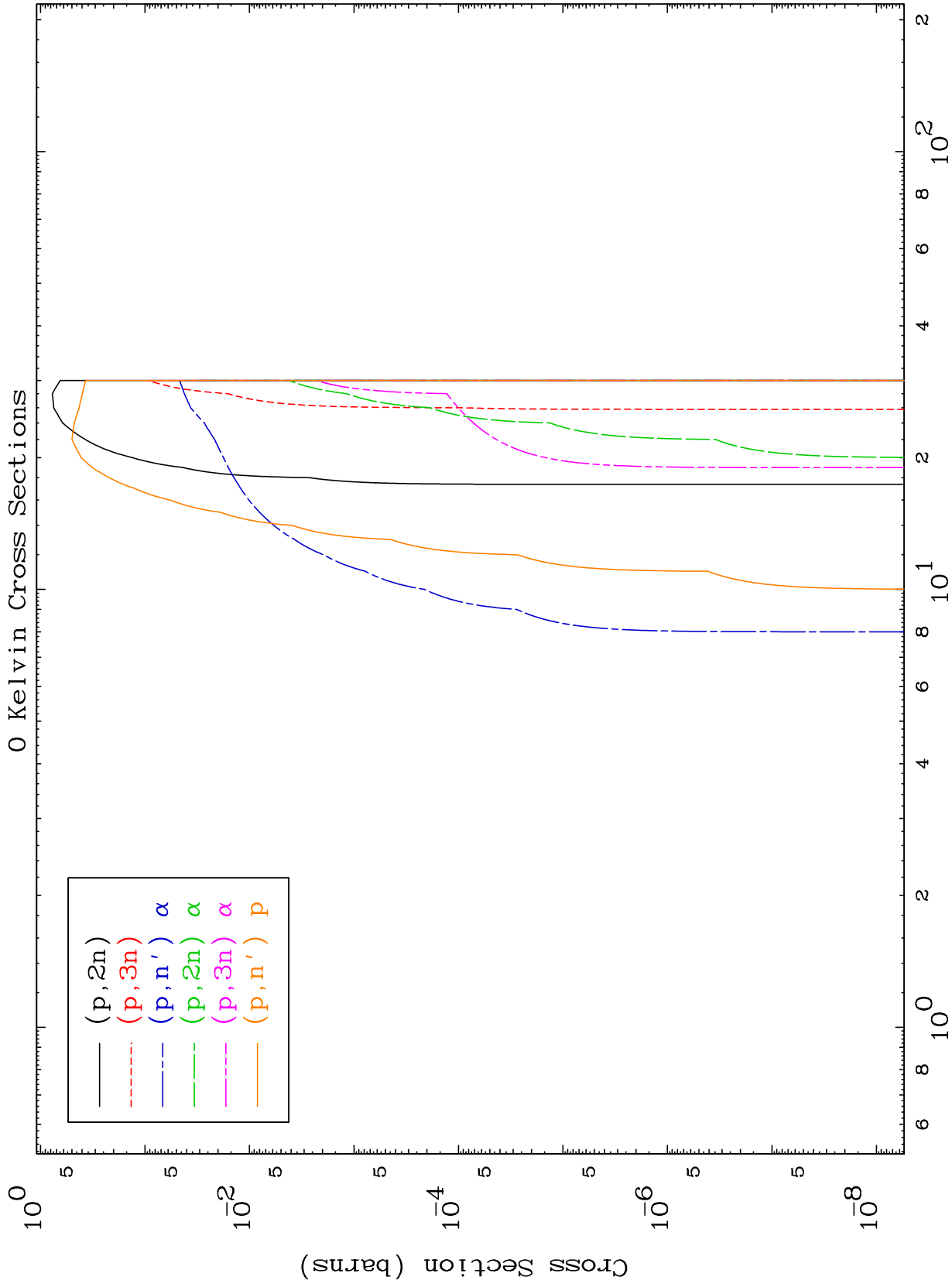
Press Mouse Button to Start



MAT 8193

Proton Neutron Production
0 Kelvin Cross Sections

82-Pb-193



2

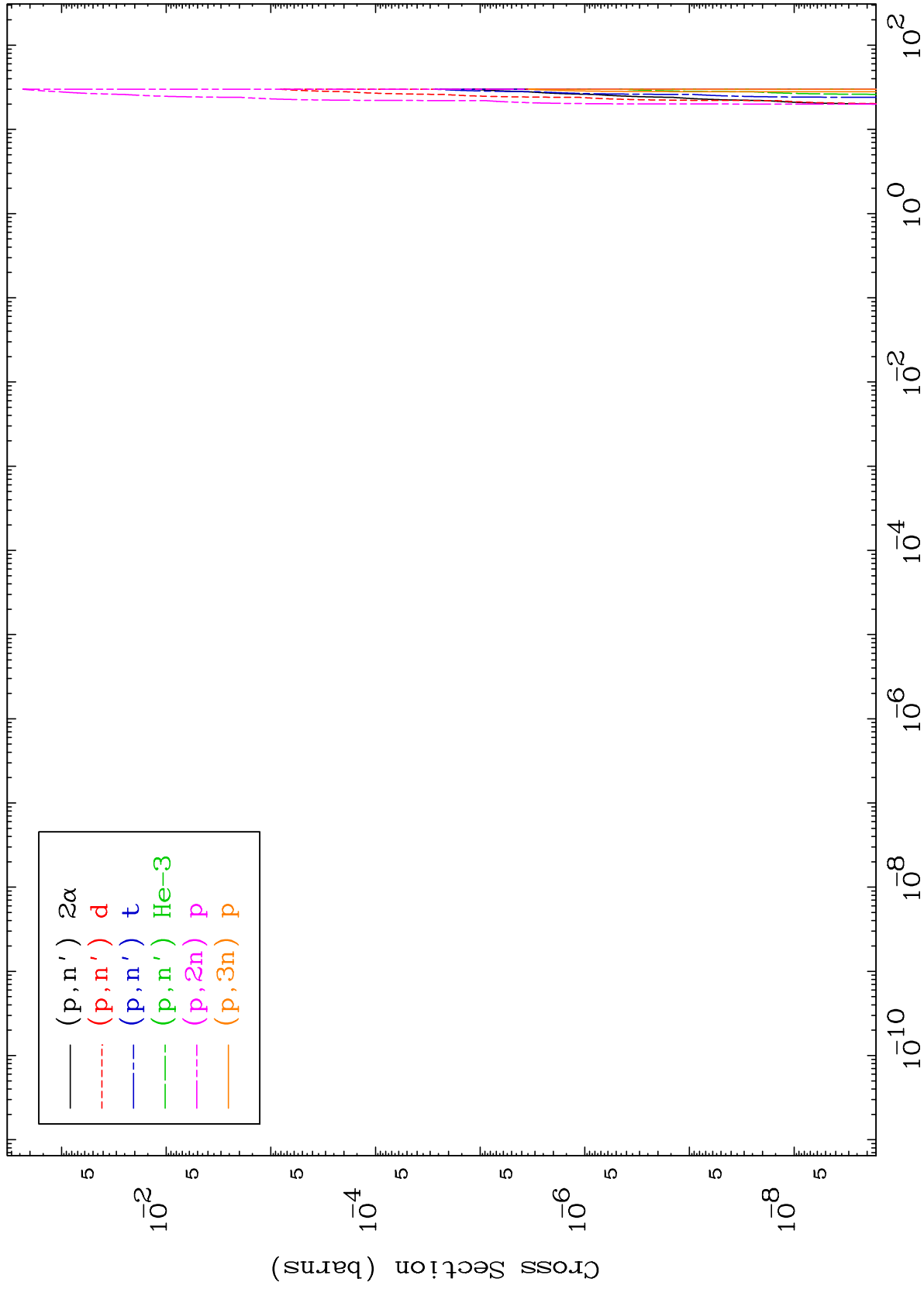
Incident Energy (MeV)

82-Pb-193

MAT 8193

Proton Neutron Production
0 Kelvin Cross Sections

82-Pb-193



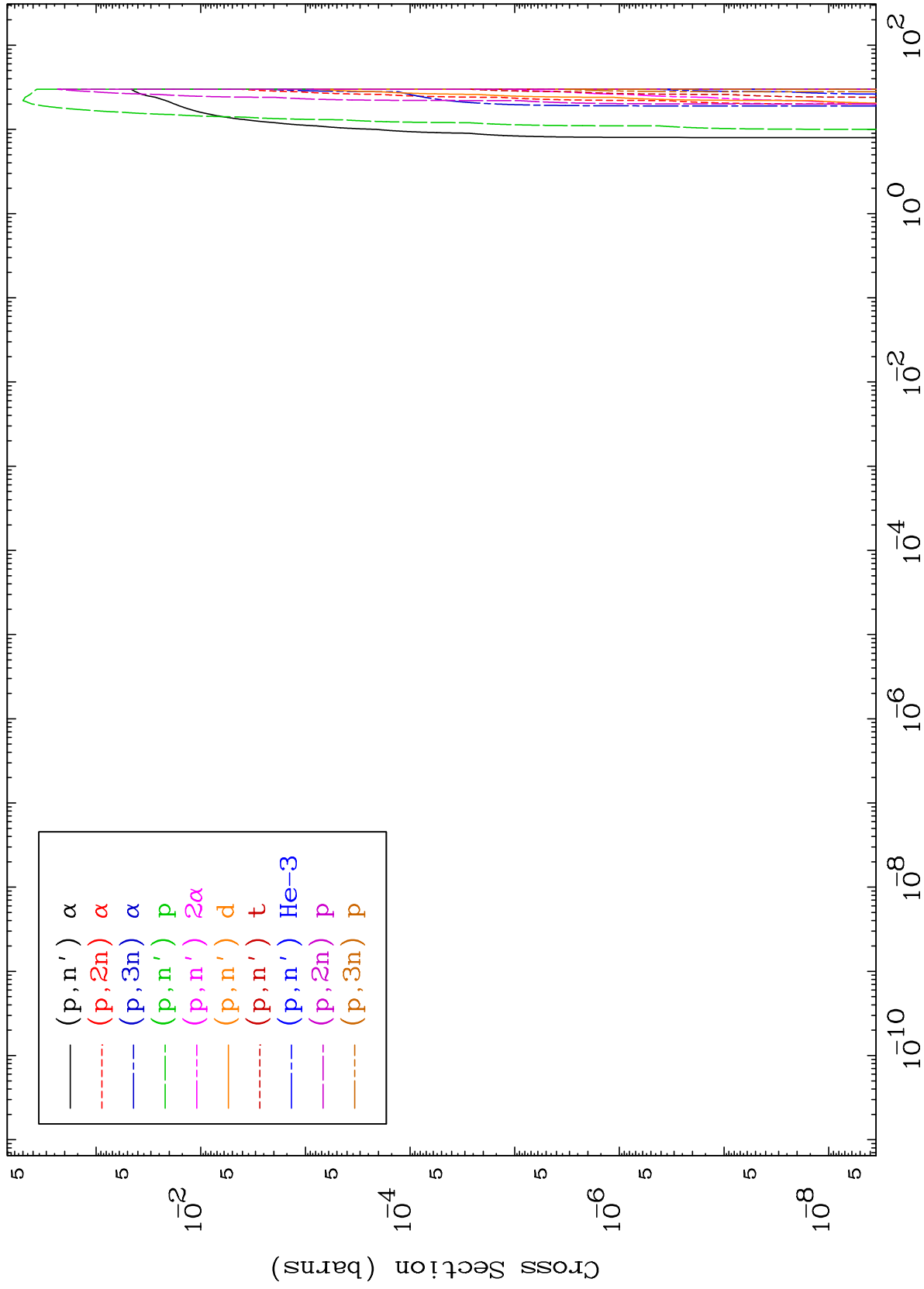
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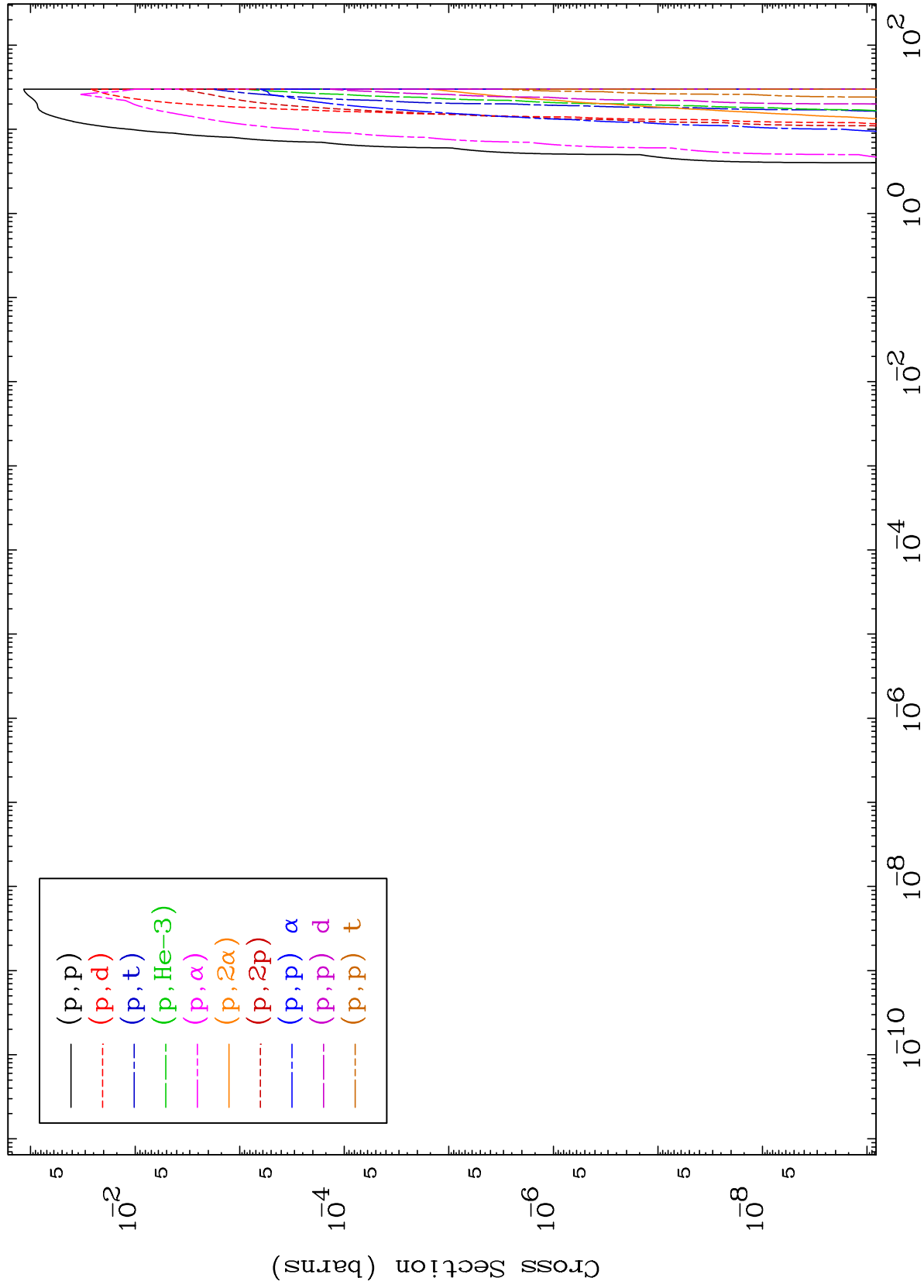
82-Pb-193

MAT 8193

Proton Charged Particle
0 Kelvin Cross Sections

82-Pb-193

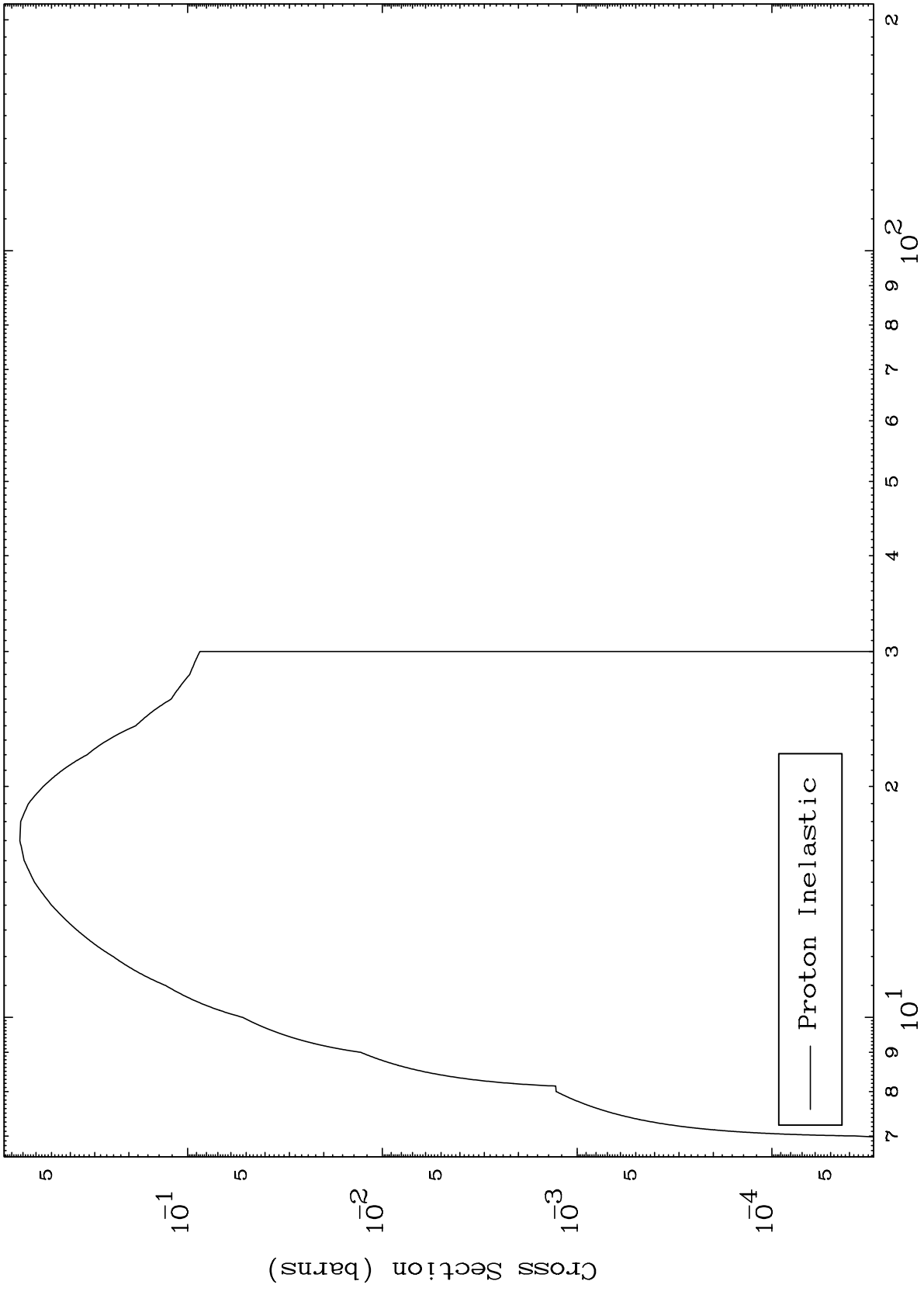




MAT 8193

(p,n') Level
0 Kelvin Cross Sections

82-Pb-193



6

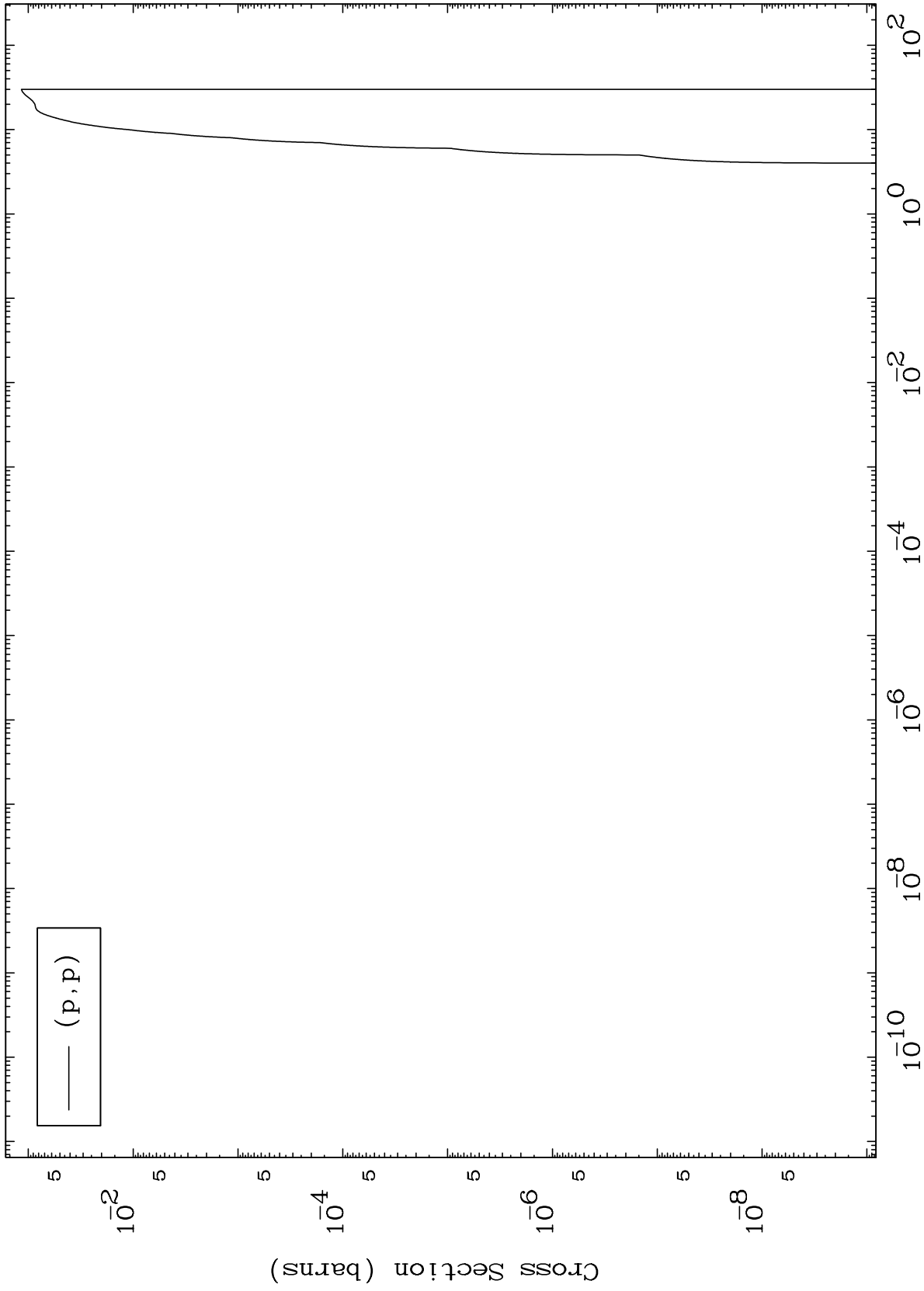
Incident Energy (MeV)

82-Pb-193

MAT 8193

(p,p) Levels
0 Kelvin Cross Sections

82-Pb-193



7

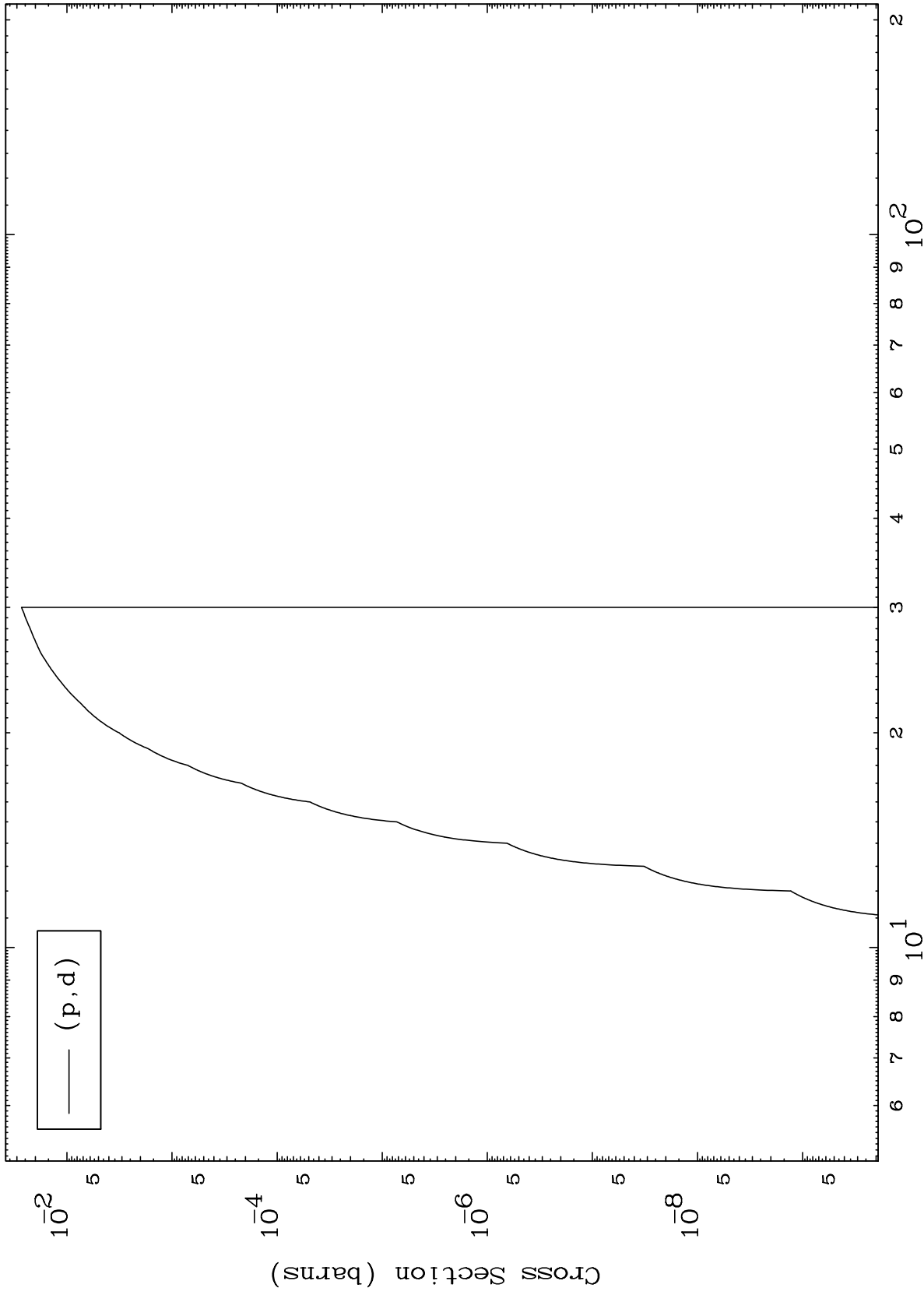
Incident Energy (MeV)

82-Pb-193

MAT 8193

(p,d) Levels
0 Kelvin Cross Sections

82-Pb-193



8

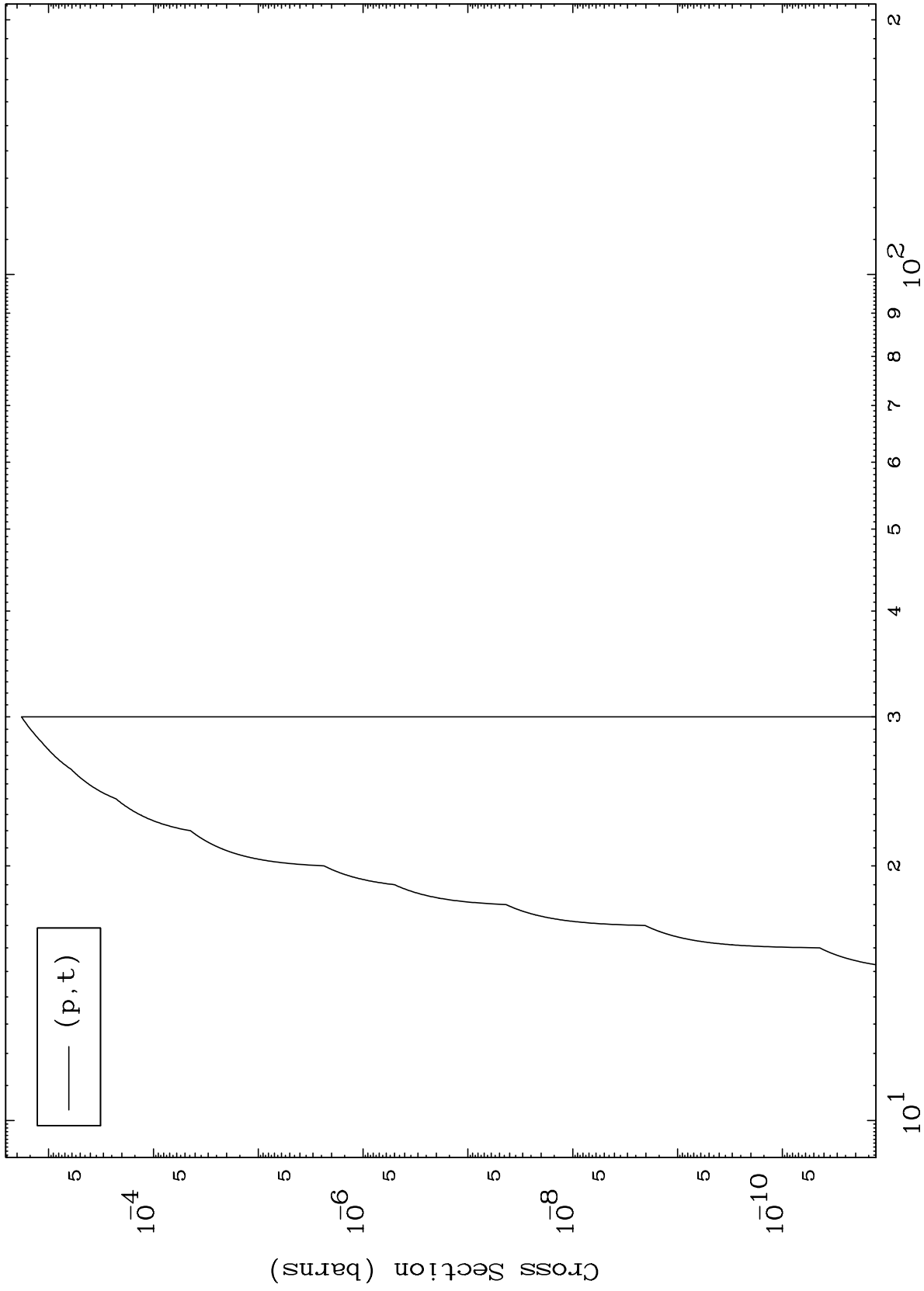
Incident Energy (MeV)

82-Pb-193

MAT 8193

(p,t) Levels
0 Kelvin Cross Sections

82-Pb-193



9

Incident Energy (MeV)

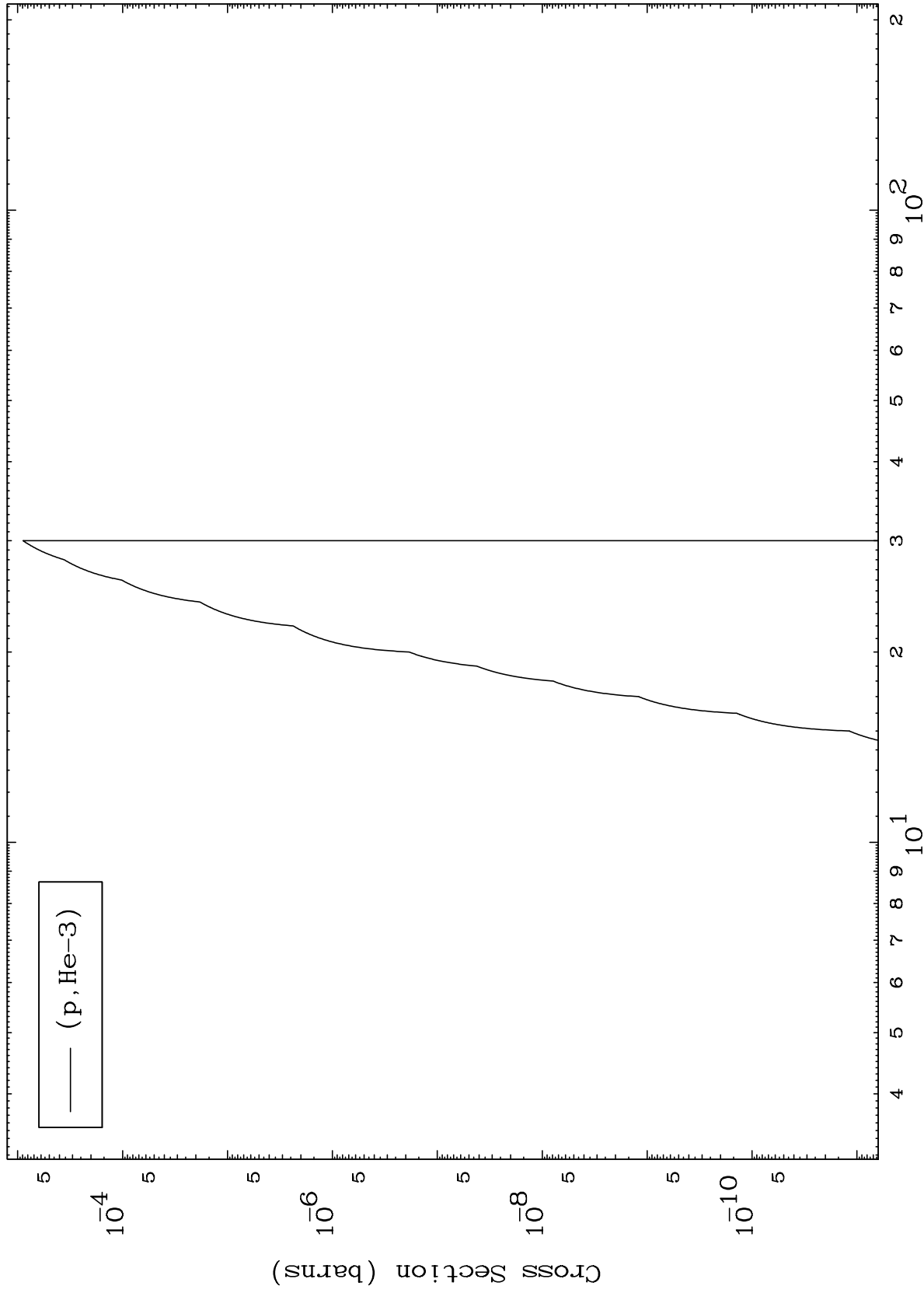
82-Pb-193

10¹ 10² 2

MAT 8193

(p,He3) Levels
0 Kelvin Cross Sections

82-Pb-193



10

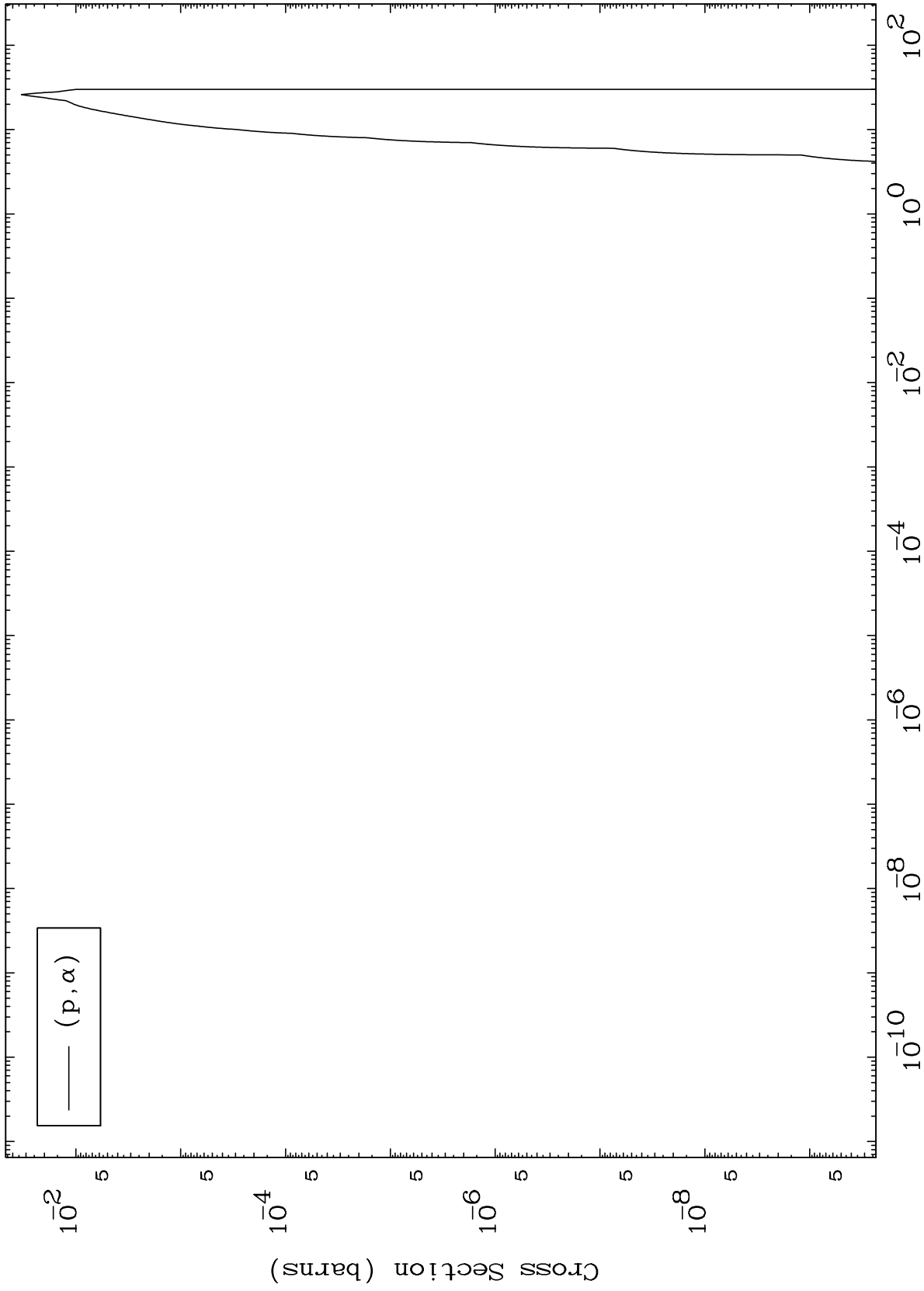
Incident Energy (MeV)

82-Pb-193

MAT 8193

(p,α) Levels
0 Kelvin Cross Sections

82-Pb-193



11

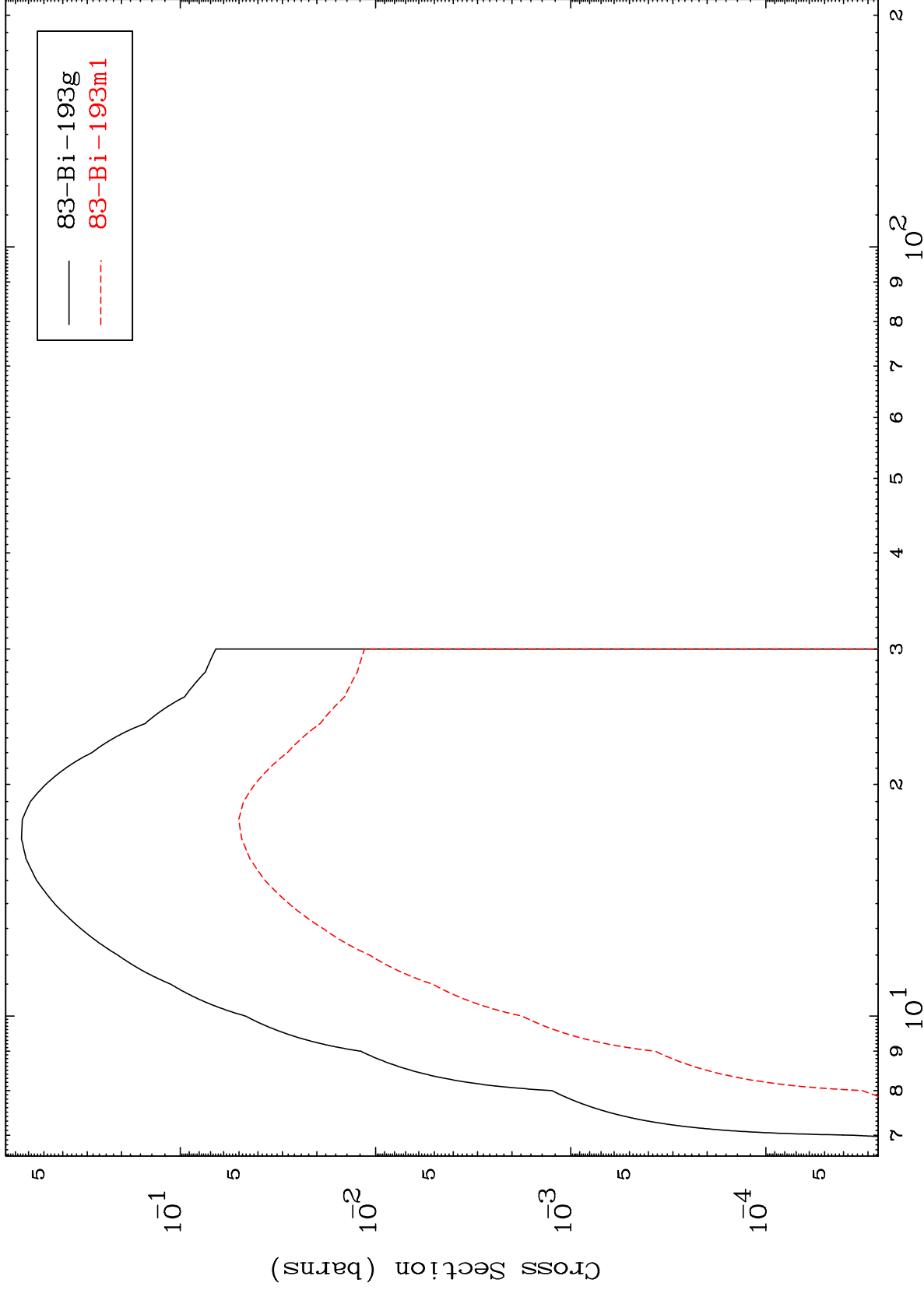
Incident Energy (MeV)

82-Pb-193

MAT 8193

Proton Inelastic
Radionuclide Production Cross Section

82-Pb-193



12

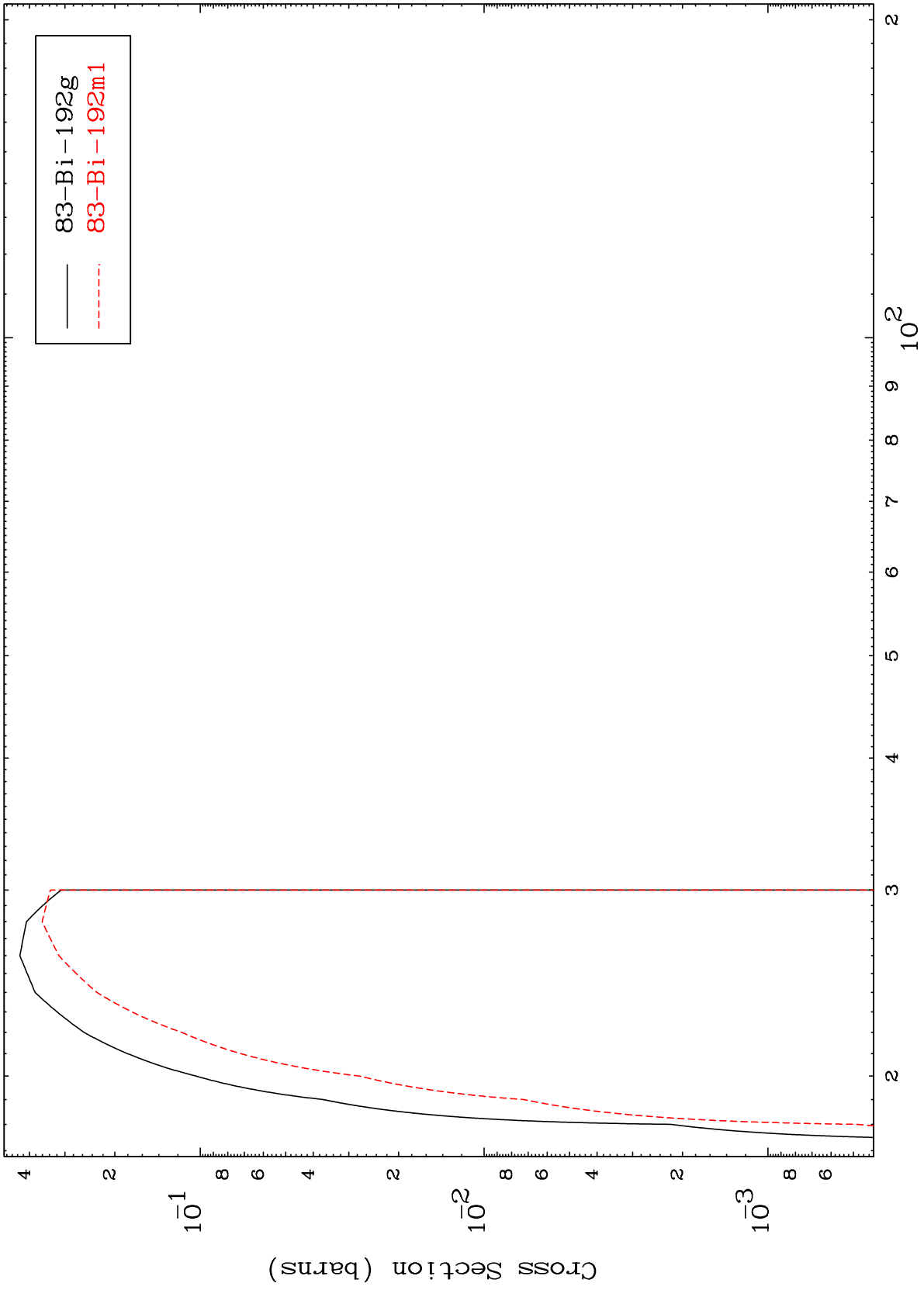
Incident Energy (MeV)

82-Pb-193

MAT 8193

82-Pb-193

(p,2n)
Radionuclide Production Cross Section



13

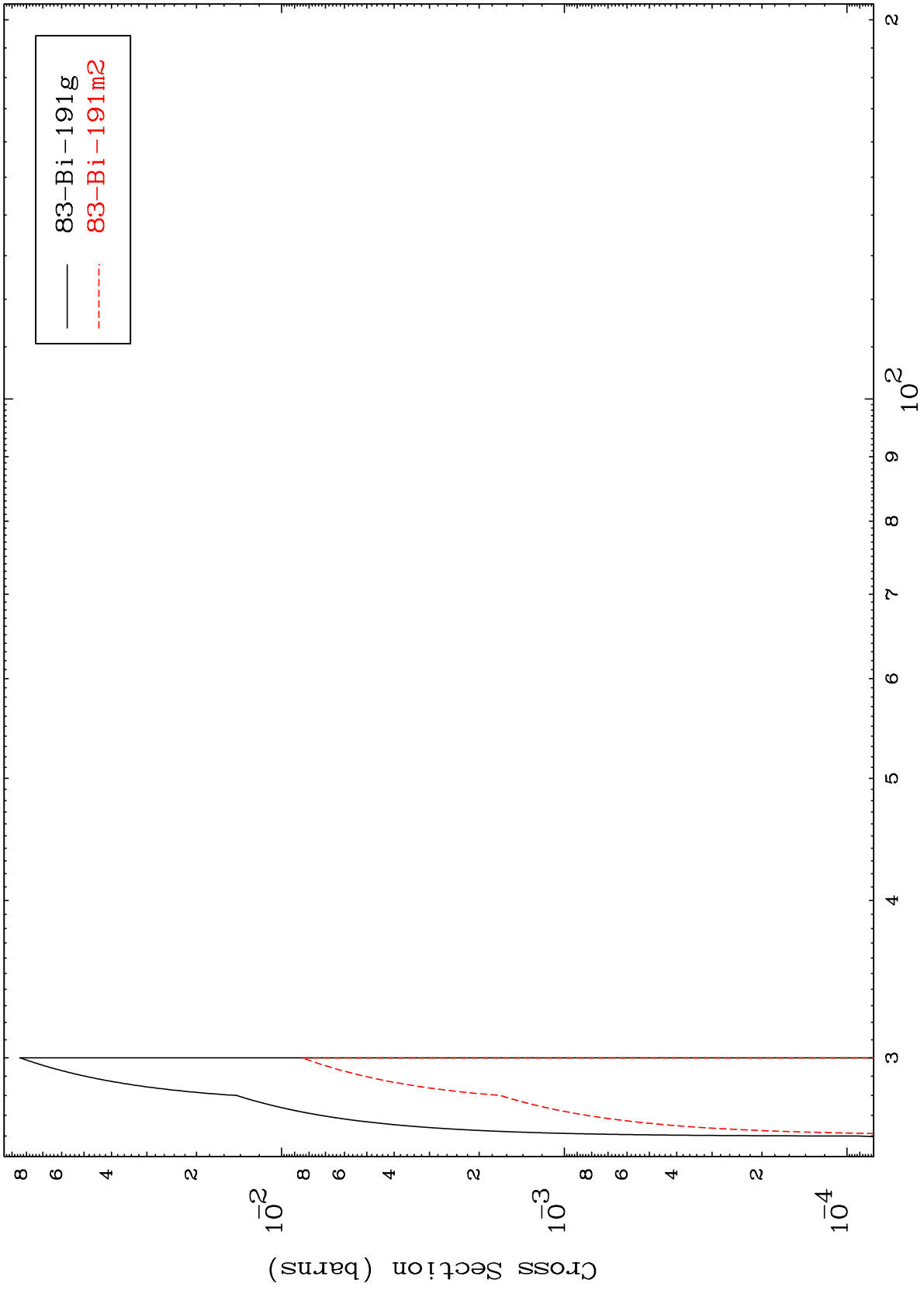
Incident Energy (MeV)

82-Pb-193

MAT 8193

82-Pb-193

(p,3n)
Radionuclide Production Cross Section



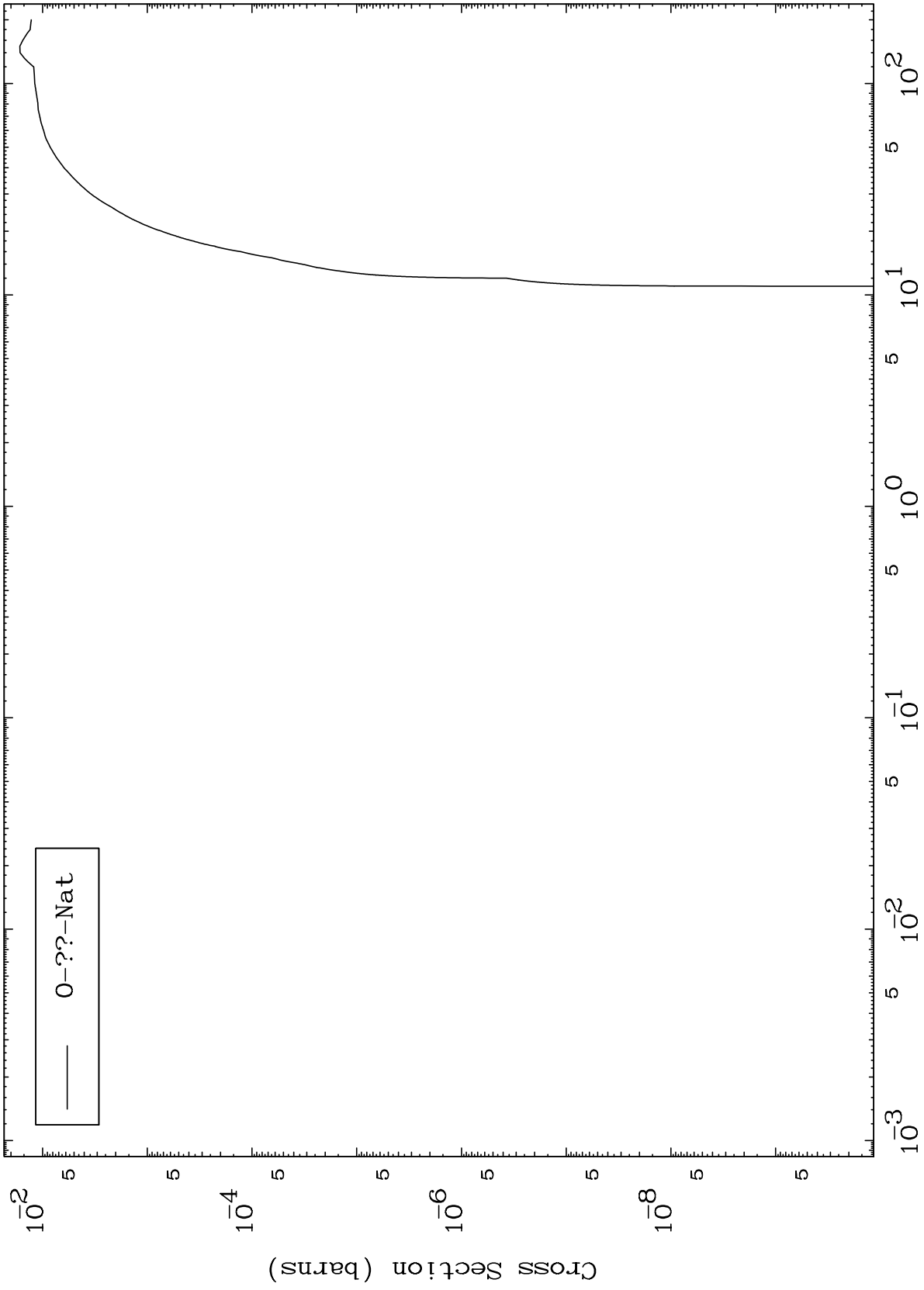
14

82-Pb-193

MAT 8193

Proton Fission
Radionuclide Production Cross Section

82-Pb-193



0-?-?-Nat

15

Incident Energy (MeV)

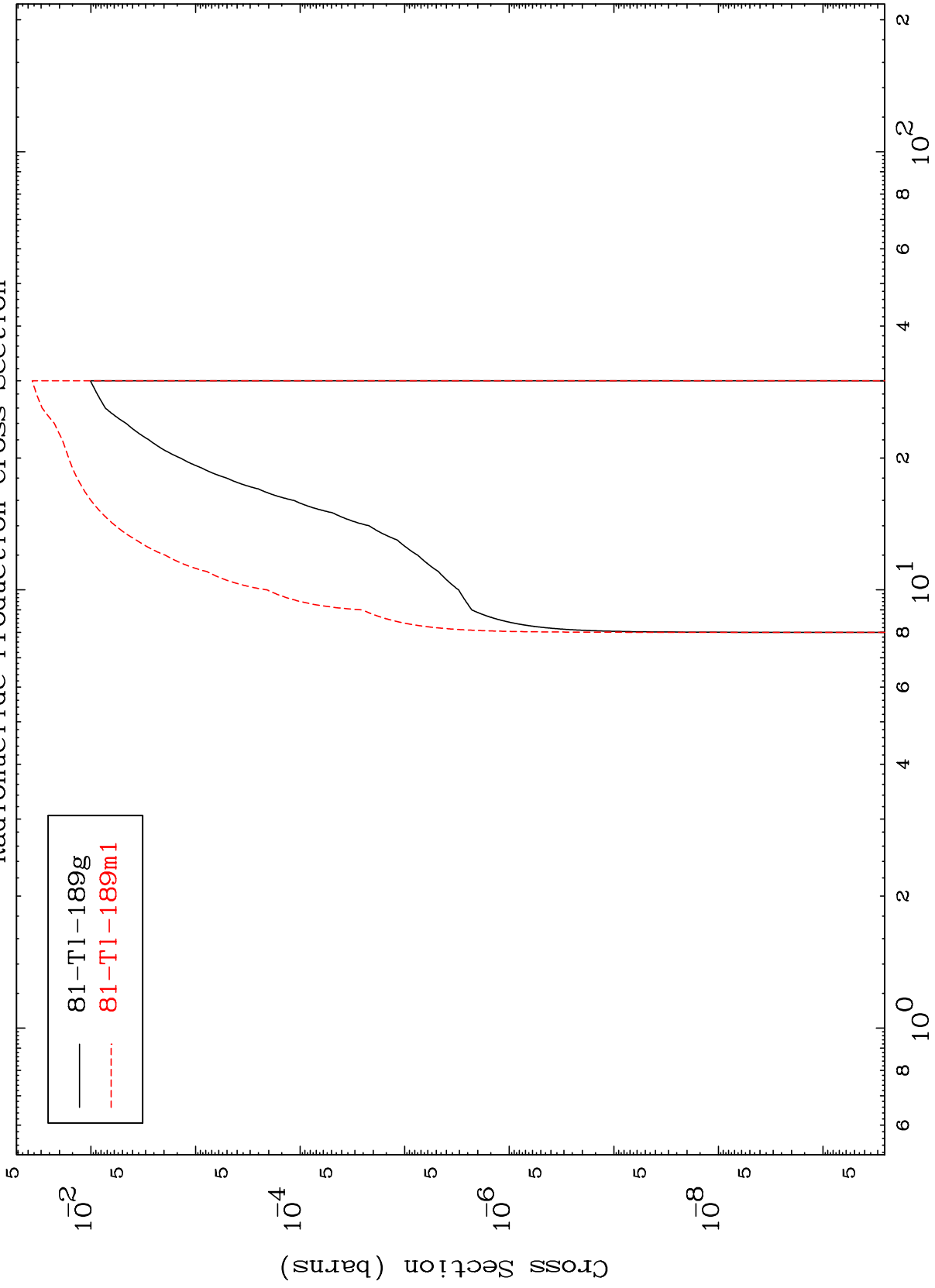
82-Pb-193

MAT 8193

(p,n') α

82-Pb-193

Radionuclide Production Cross Section



16

Incident Energy (MeV)

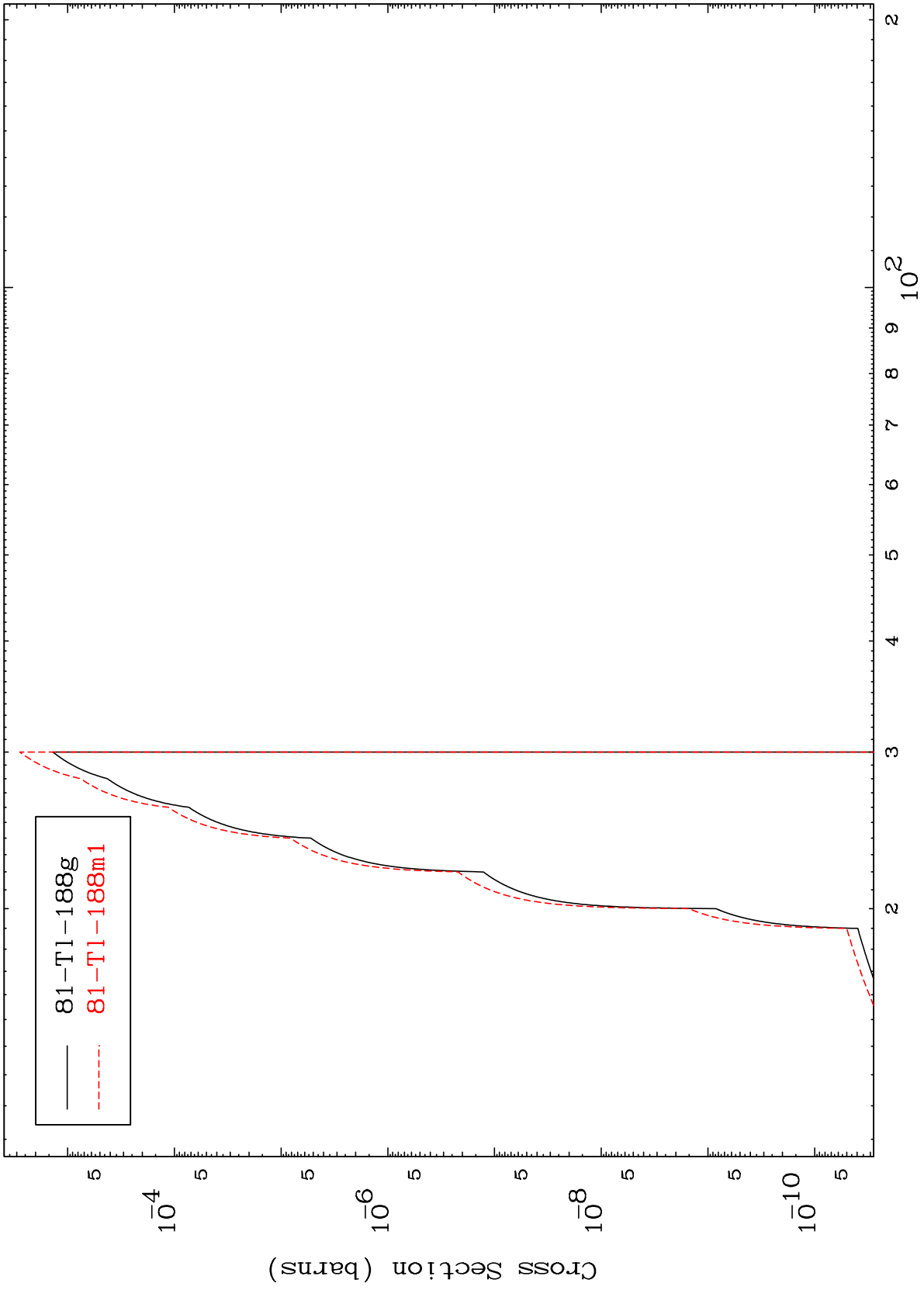
82-Pb-193

MAT 8193

(p,2n) α

82-Pb-193

Radionuclide Production Cross Section



17

Incident Energy (MeV)

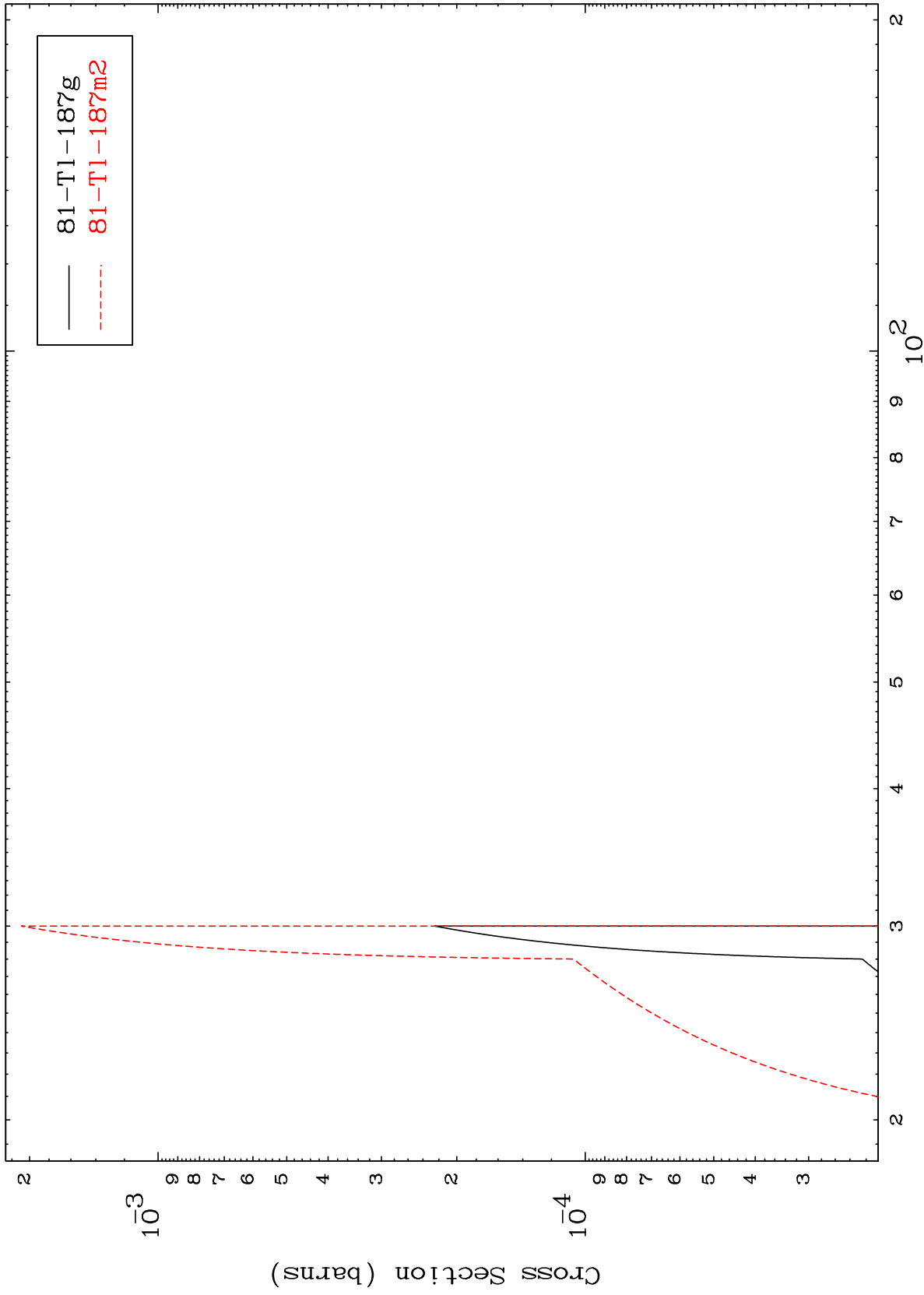
82-Pb-193

MAT 8193

(p,3n) α

82-Pb-193

Radionuclide Production Cross Section



18

Incident Energy (MeV)

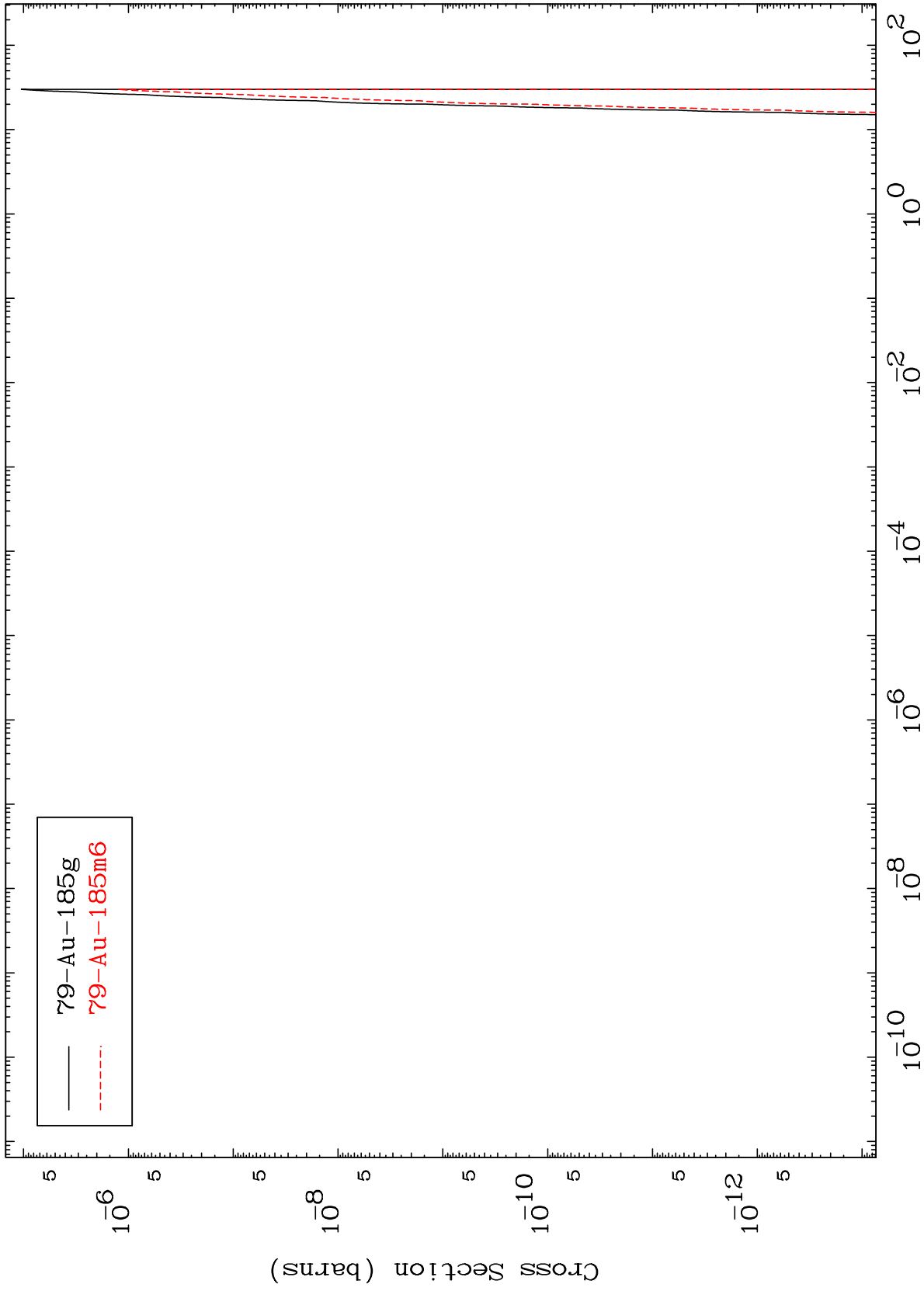
82-Pb-193

MAT 8193

(p,n') 2 α

82-Pb-193

Radionuclide Production Cross Section



19

Incident Energy (MeV)

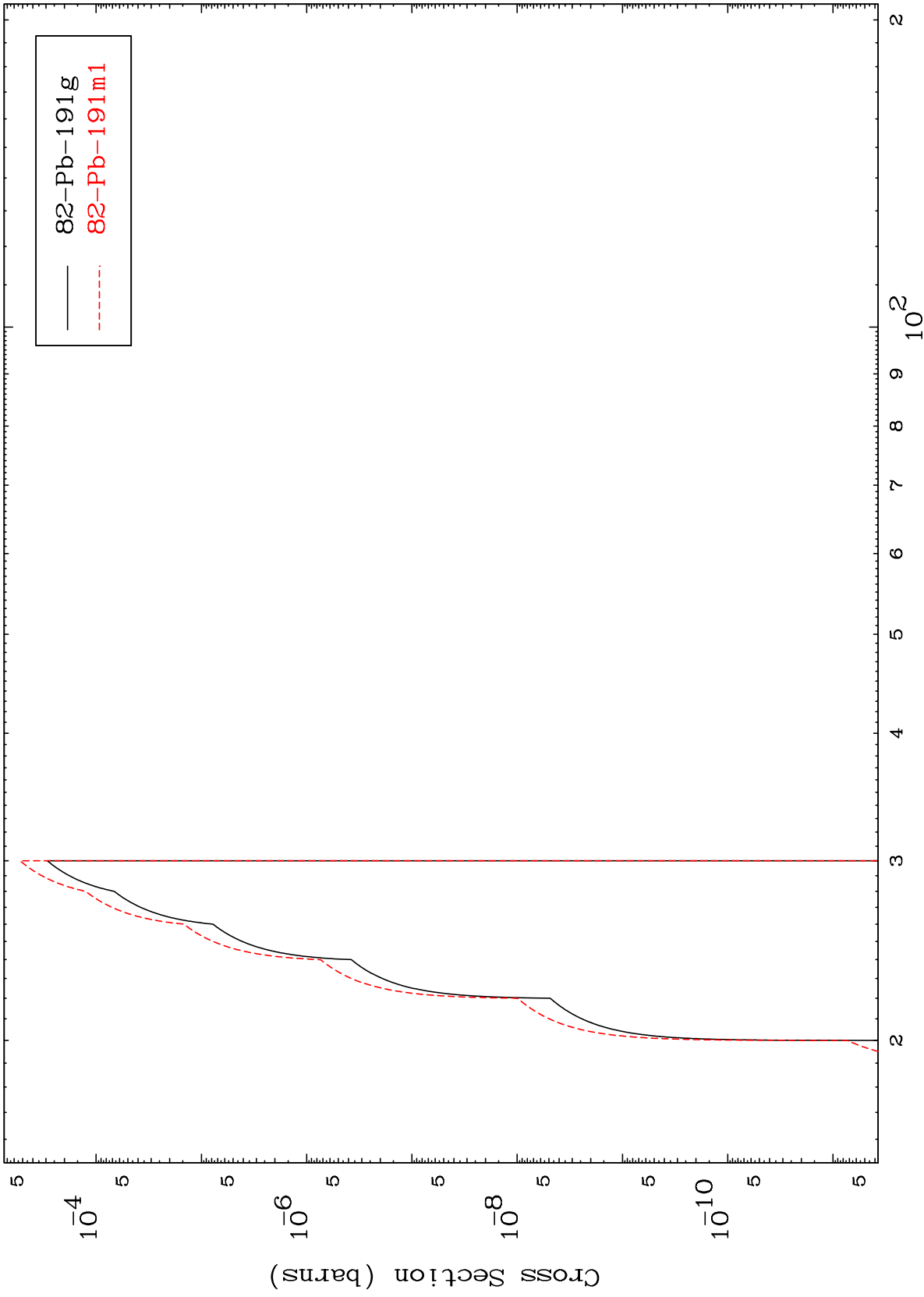
82-Pb-193

MAT 8193

(p,n') d

82-Pb-193

Radionuclide Production Cross Section



20

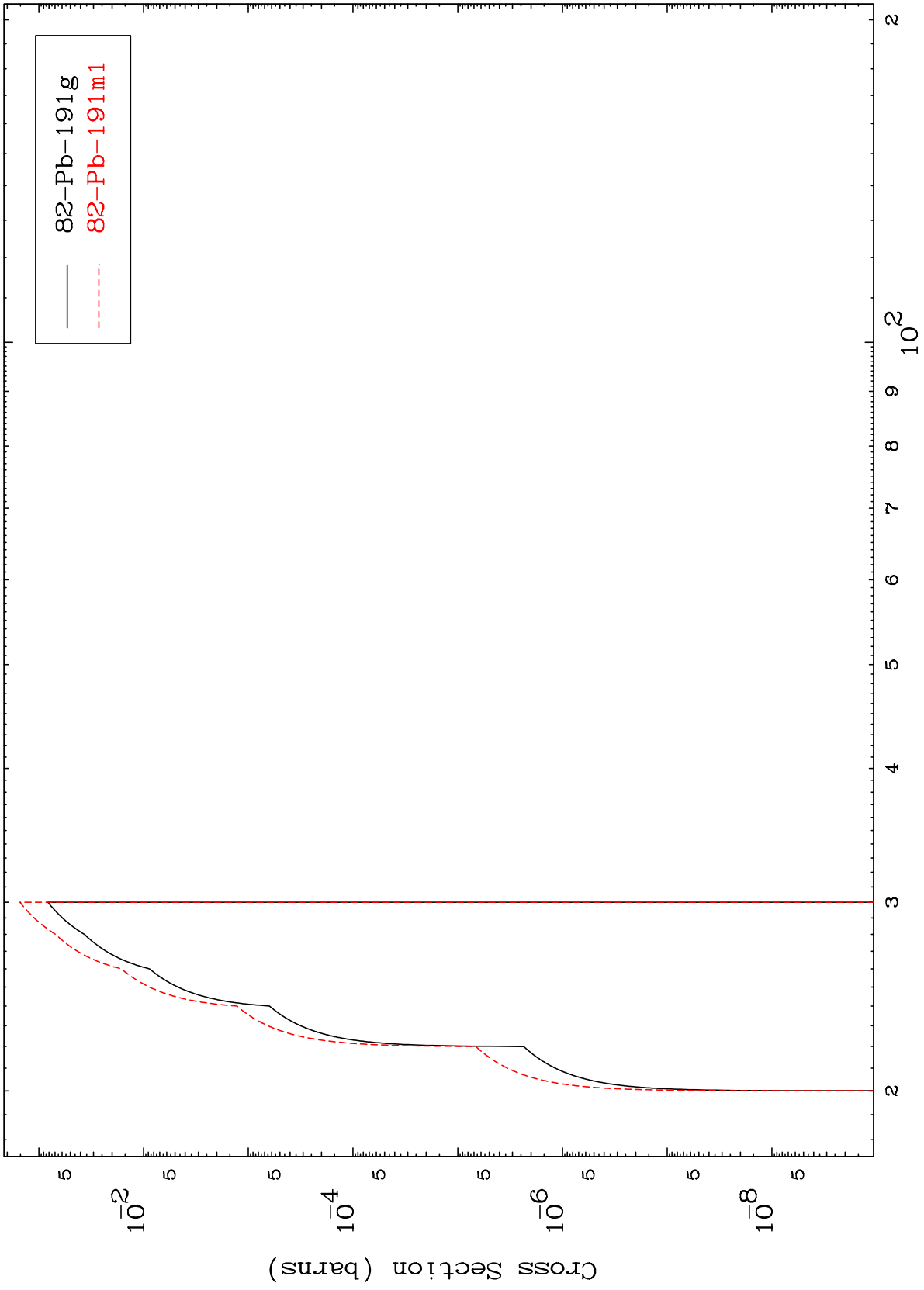
Incident Energy (MeV)

82-Pb-193

MAT 8193

82-Pb-193

(p,2n) p
Radionuclide Production Cross Section



21

82-Pb-193

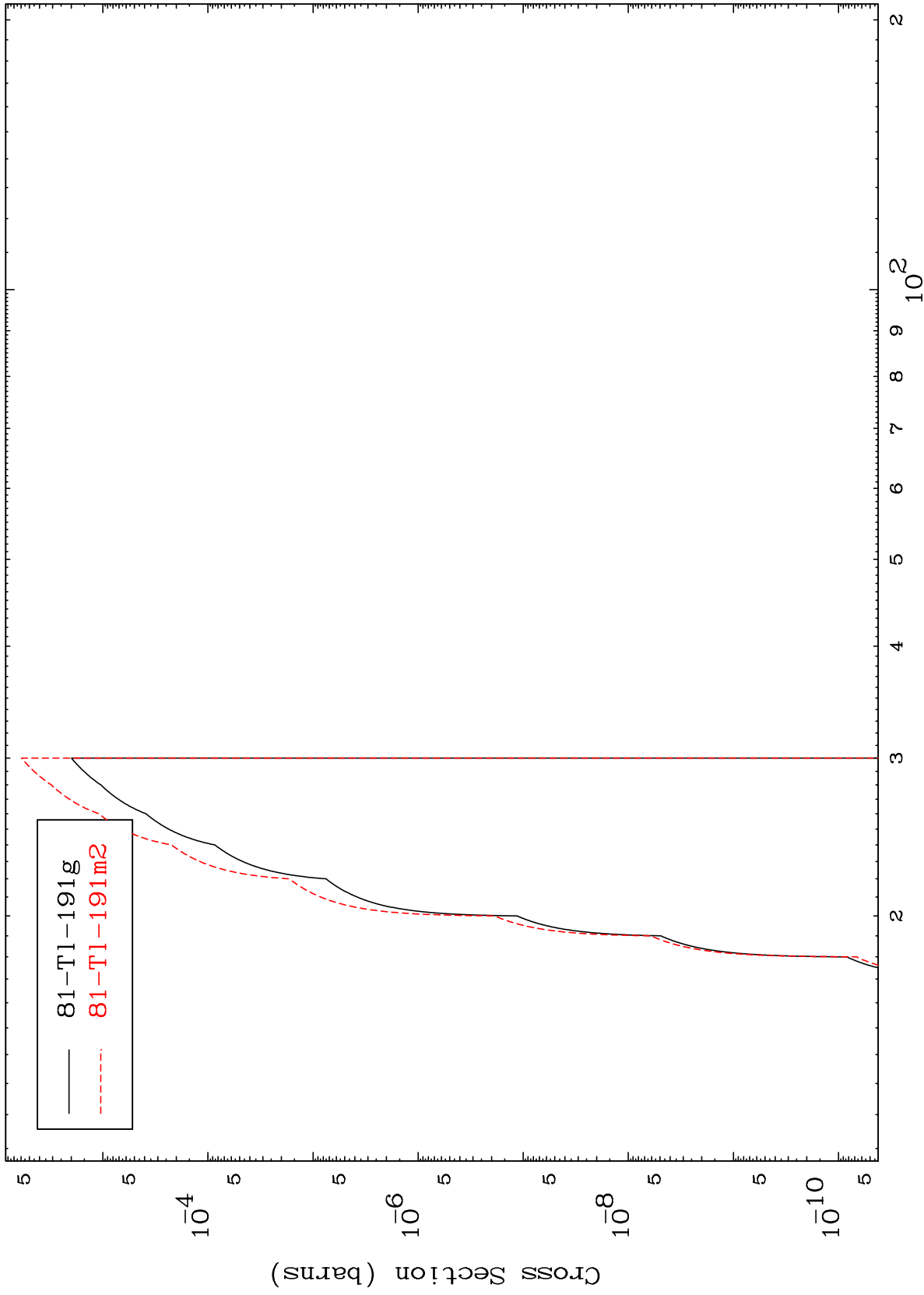
Incident Energy (MeV)

MAT 8193

(p,2n) p

82-Pb-193

Radionuclide Production Cross Section



22

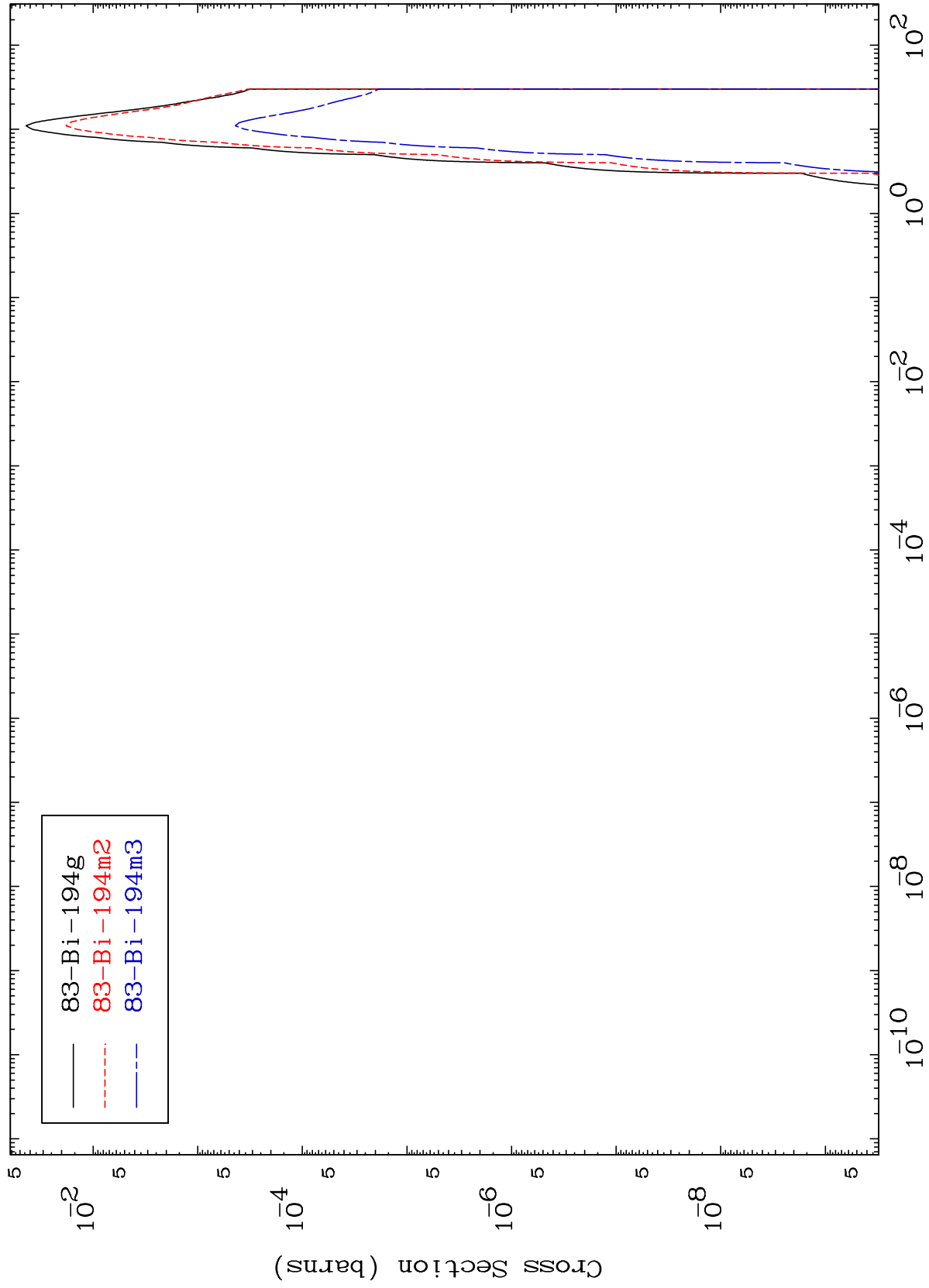
Incident Energy (MeV)

82-Pb-193

MAT 8193

Radionuclide Production Cross Section
(p,γ)

82-Pb-193



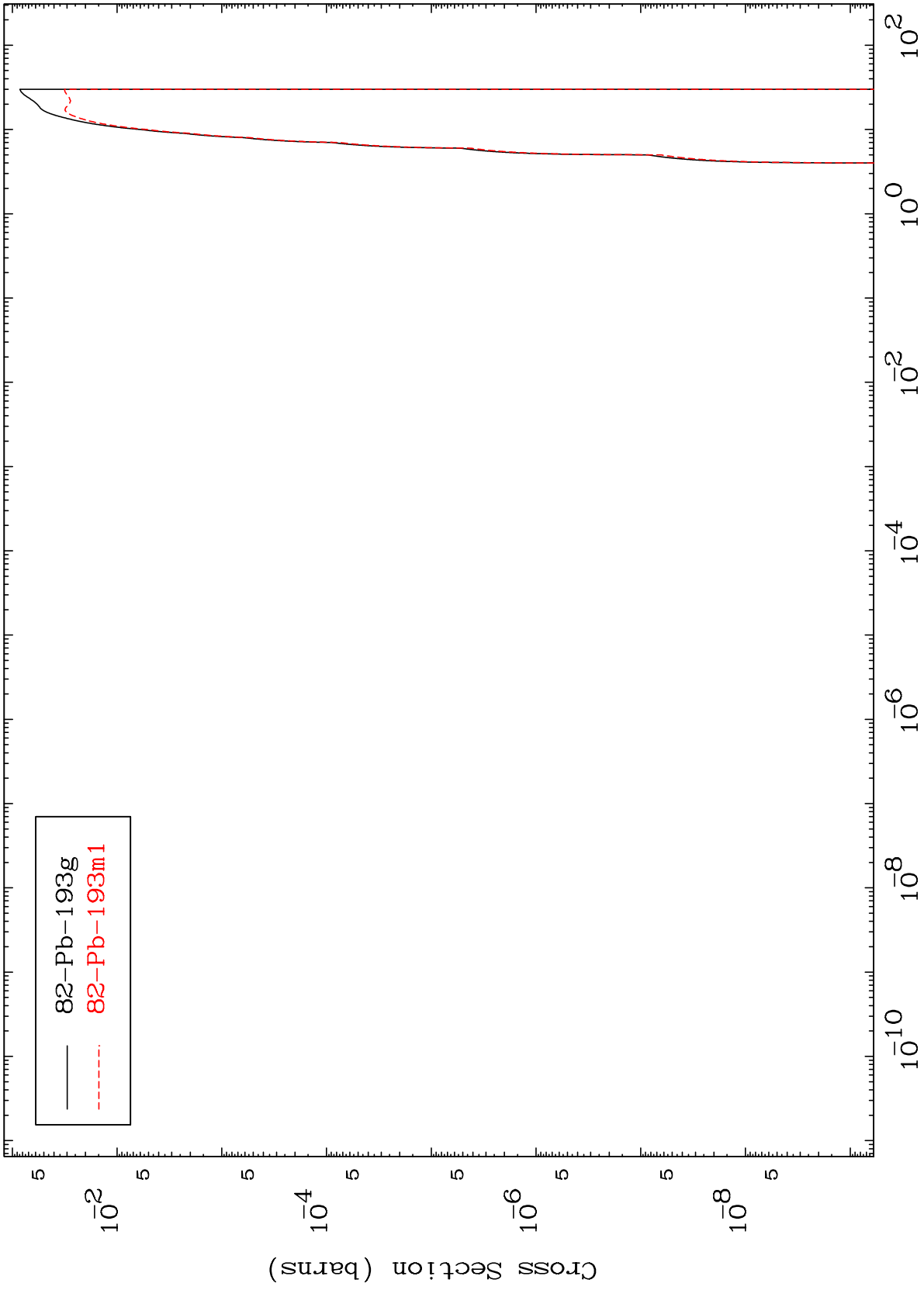
23

82-Pb-193

MAT 8193

(p,p)
Radionuclide Production Cross Section

82-Pb-193



24

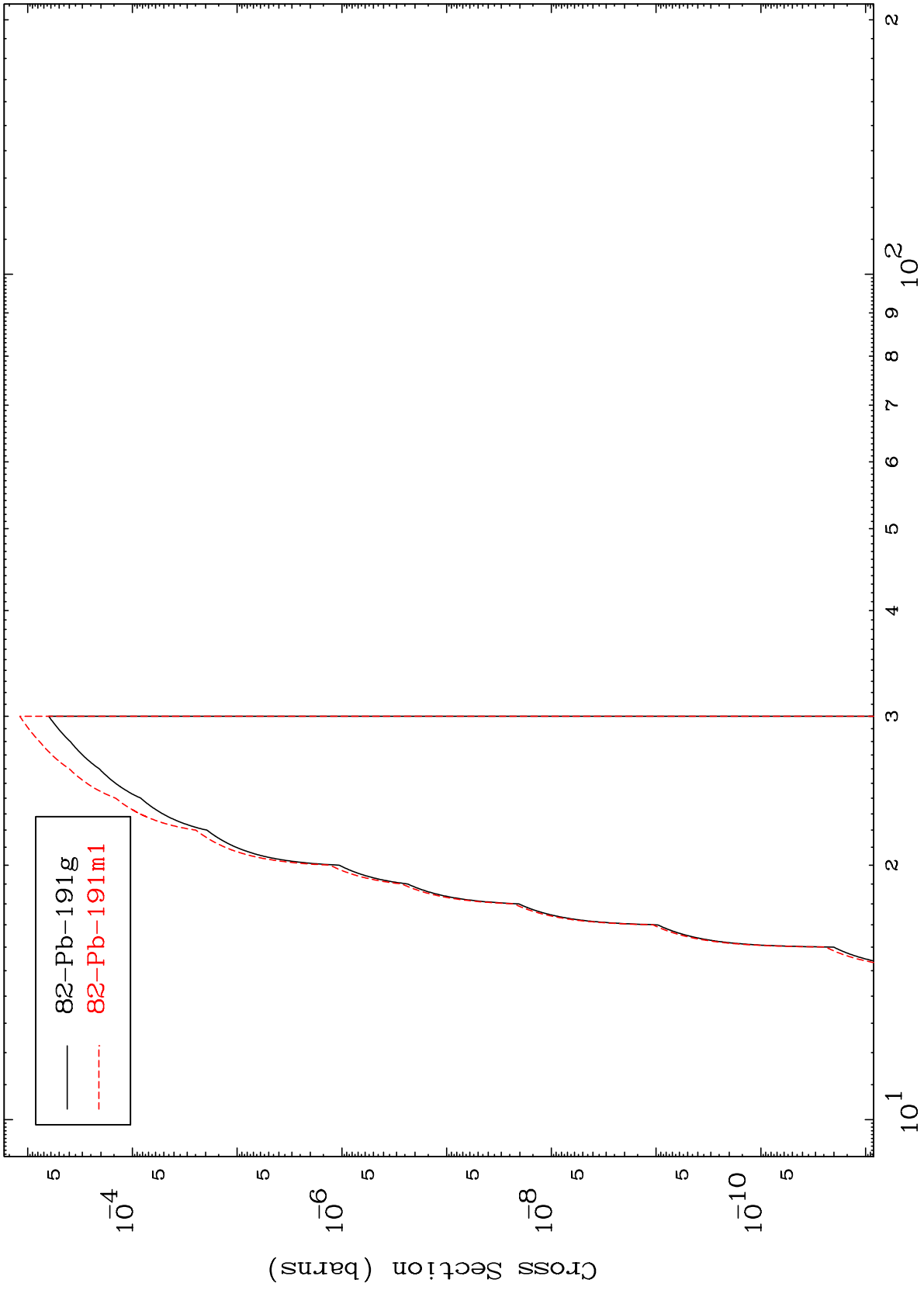
Incident Energy (MeV)

82-Pb-193

MAT 8193

82-Pb-193

(p, t)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

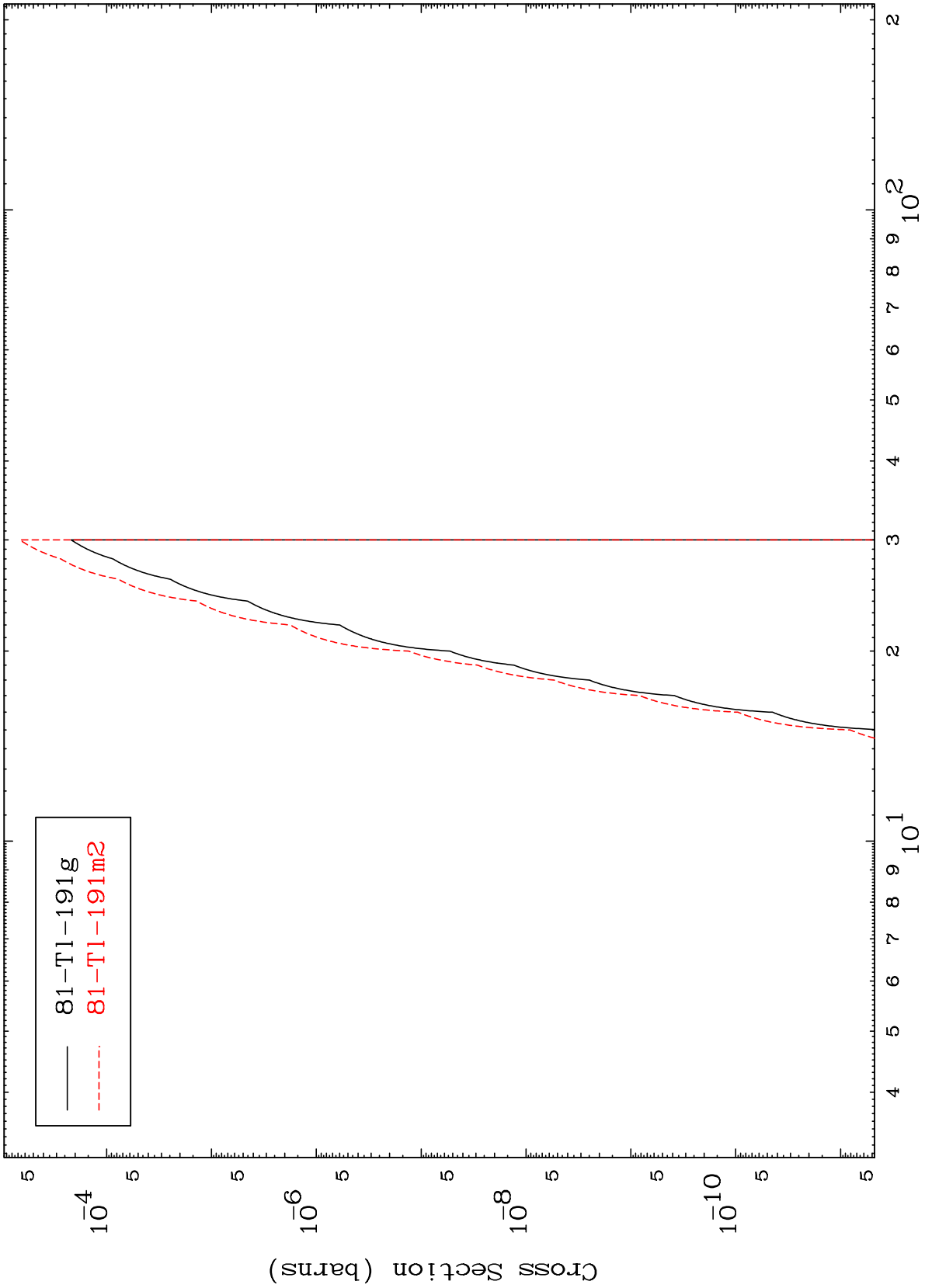
82-Pb-193

MAT 8193

(p,He-3)

82-Pb-193

Radionuclide Production Cross Section



26

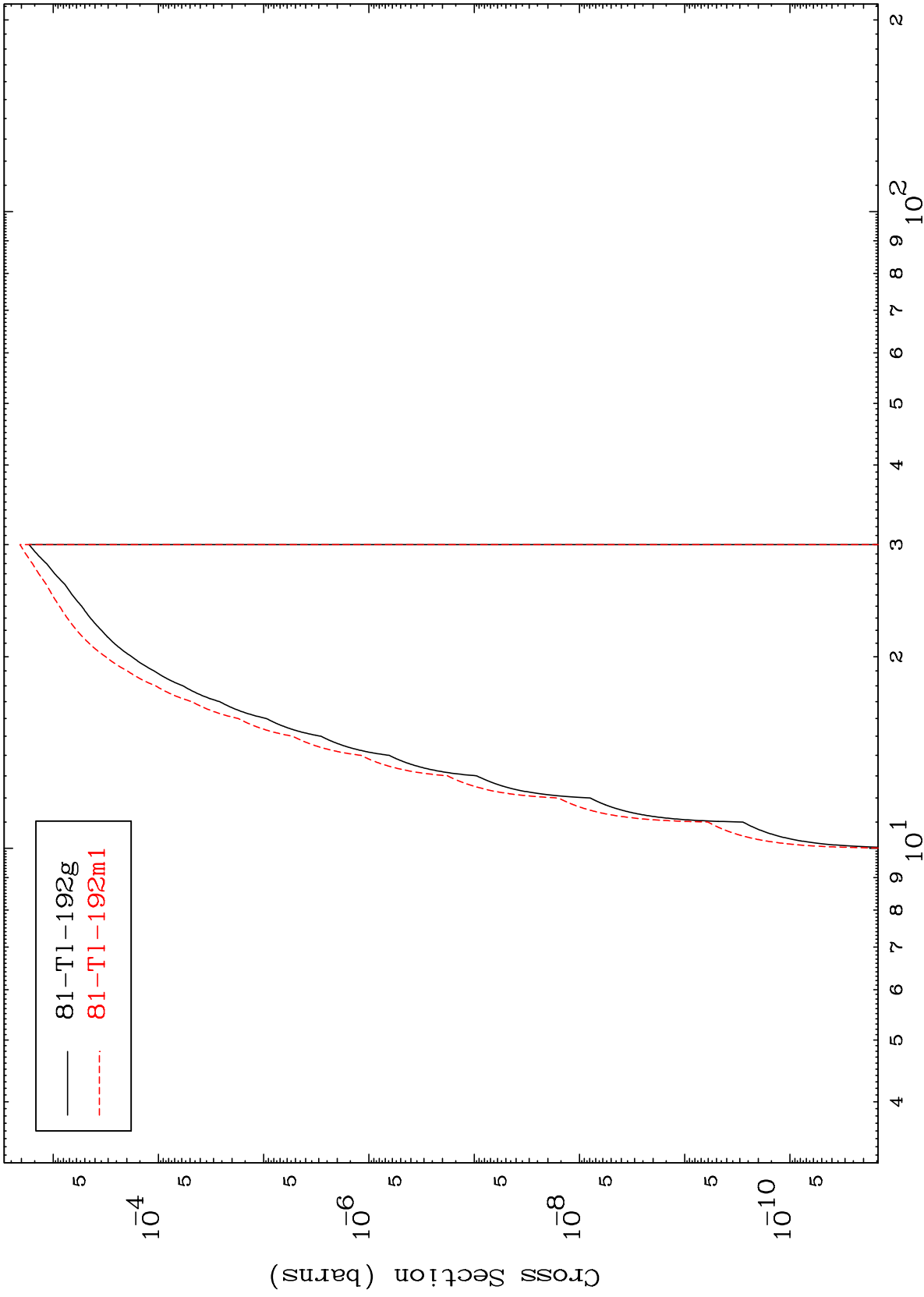
Incident Energy (MeV)

82-Pb-193

MAT 8193

82-Pb-193

(p,2p)
Radionuclide Production Cross Section



27

82-Pb-193

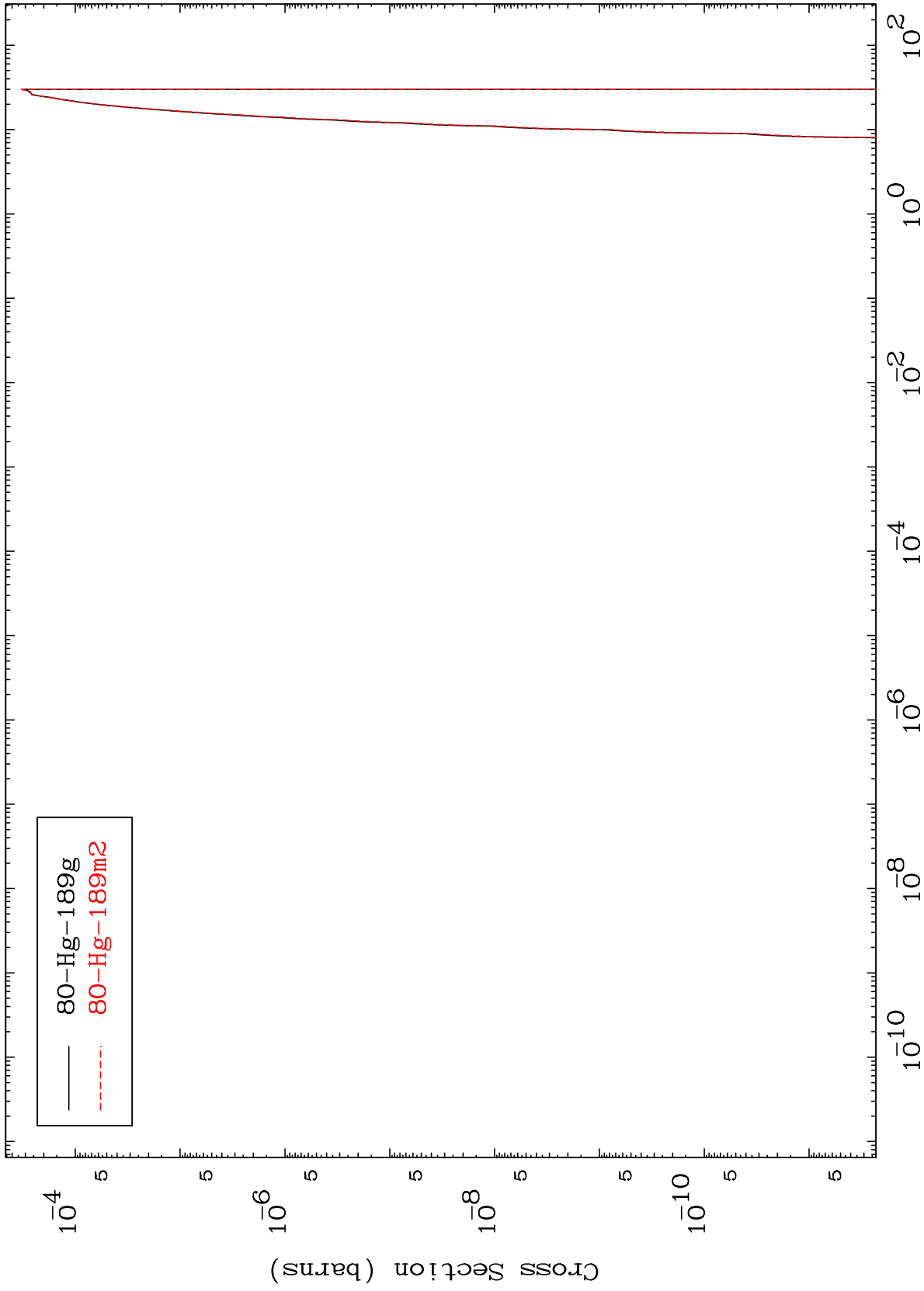
Incident Energy (MeV)

MAT 8193

(p,p) α

82-Pb-193

Radionuclide Production Cross Section



28

Incident Energy (MeV)

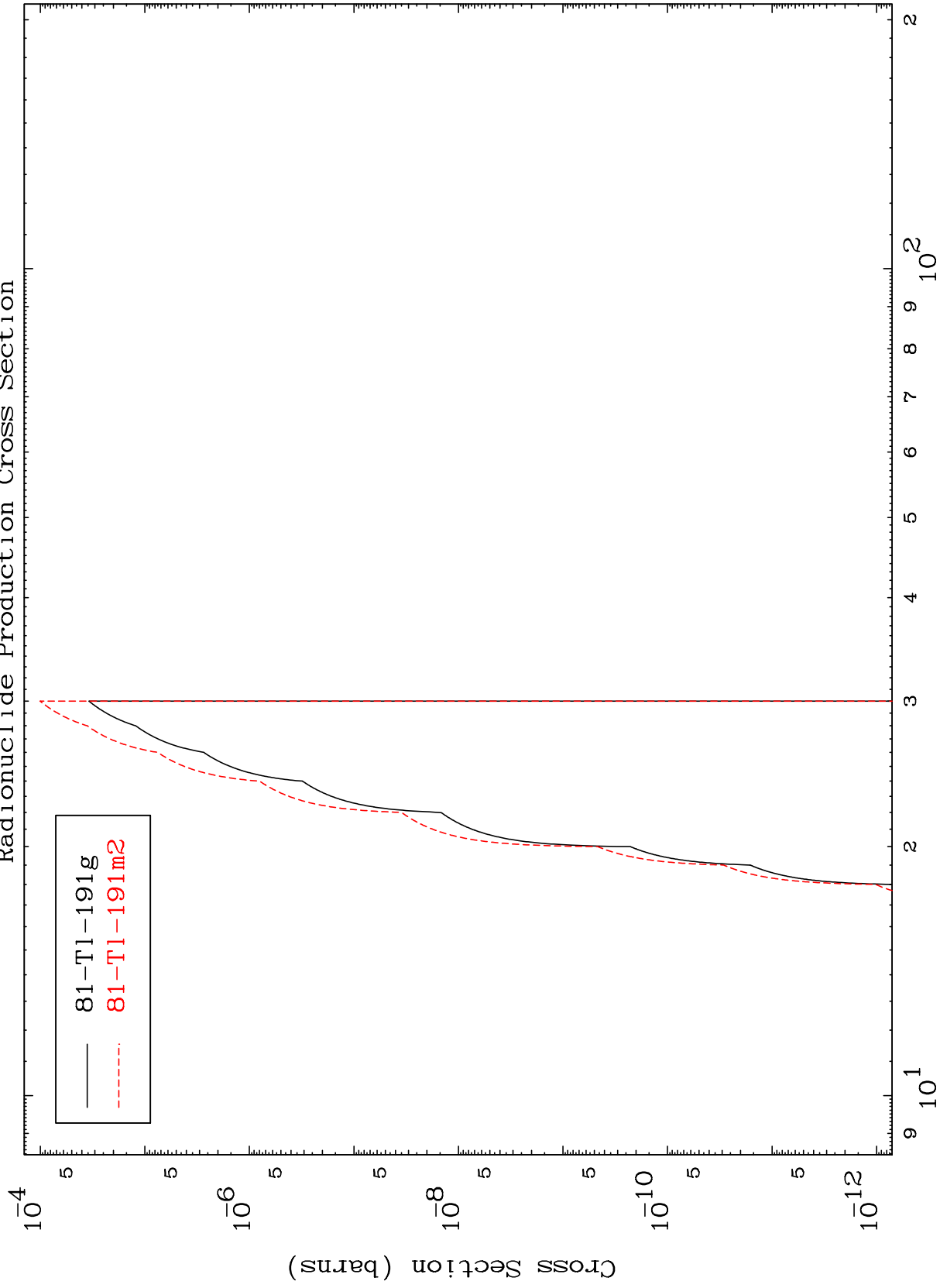
82-Pb-193

MAT 8193

(p,p) d

82-Pb-193

Radionuclide Production Cross Section



81-Tl-191g
81-Tl-191m2

29

Incident Energy (MeV)

82-Pb-193