

Program EVALPLOT
(Version 2017-1)

by

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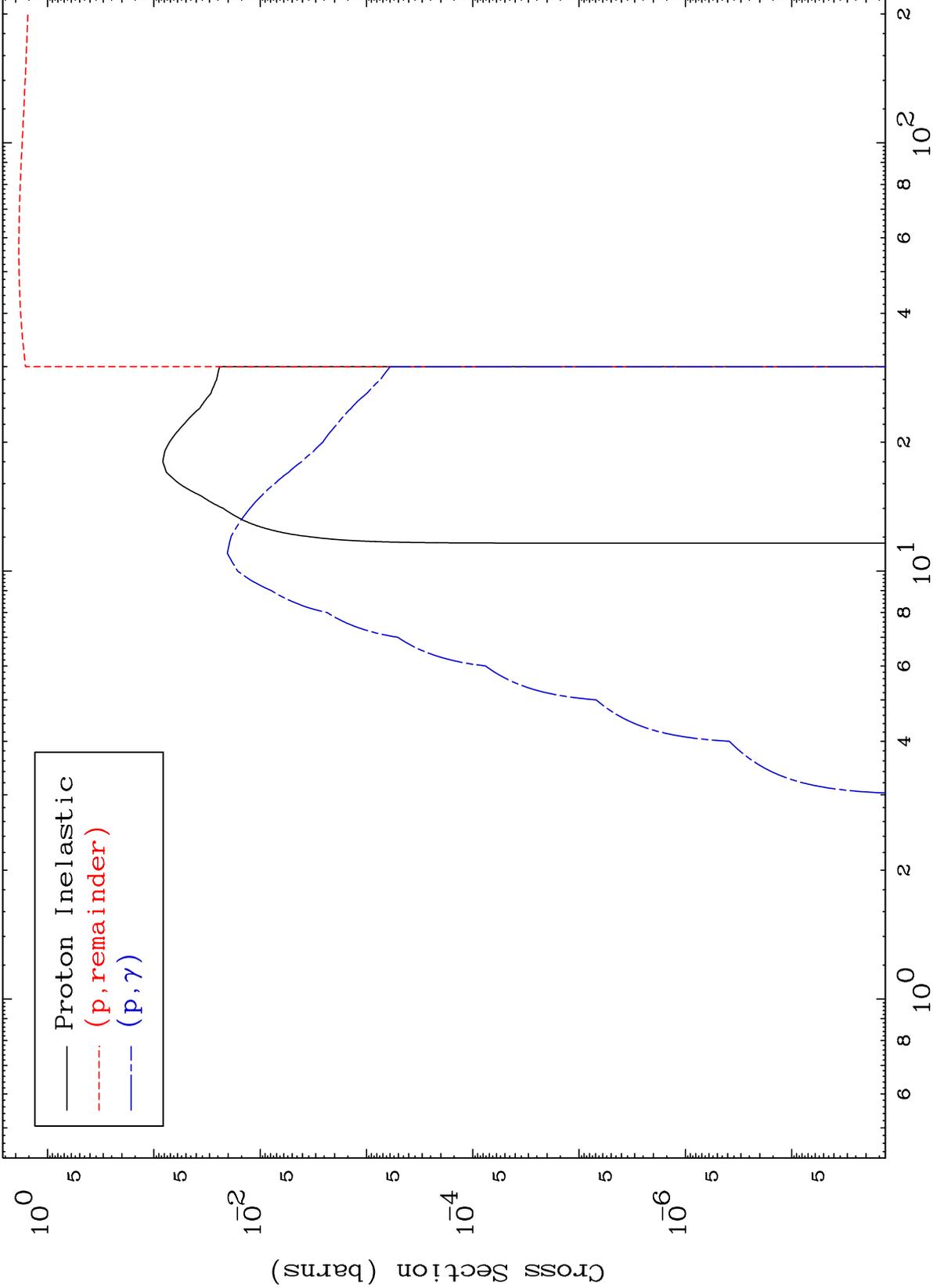
Press Mouse Button to Start

MAT 8177

Proton Major

82-Pb-188

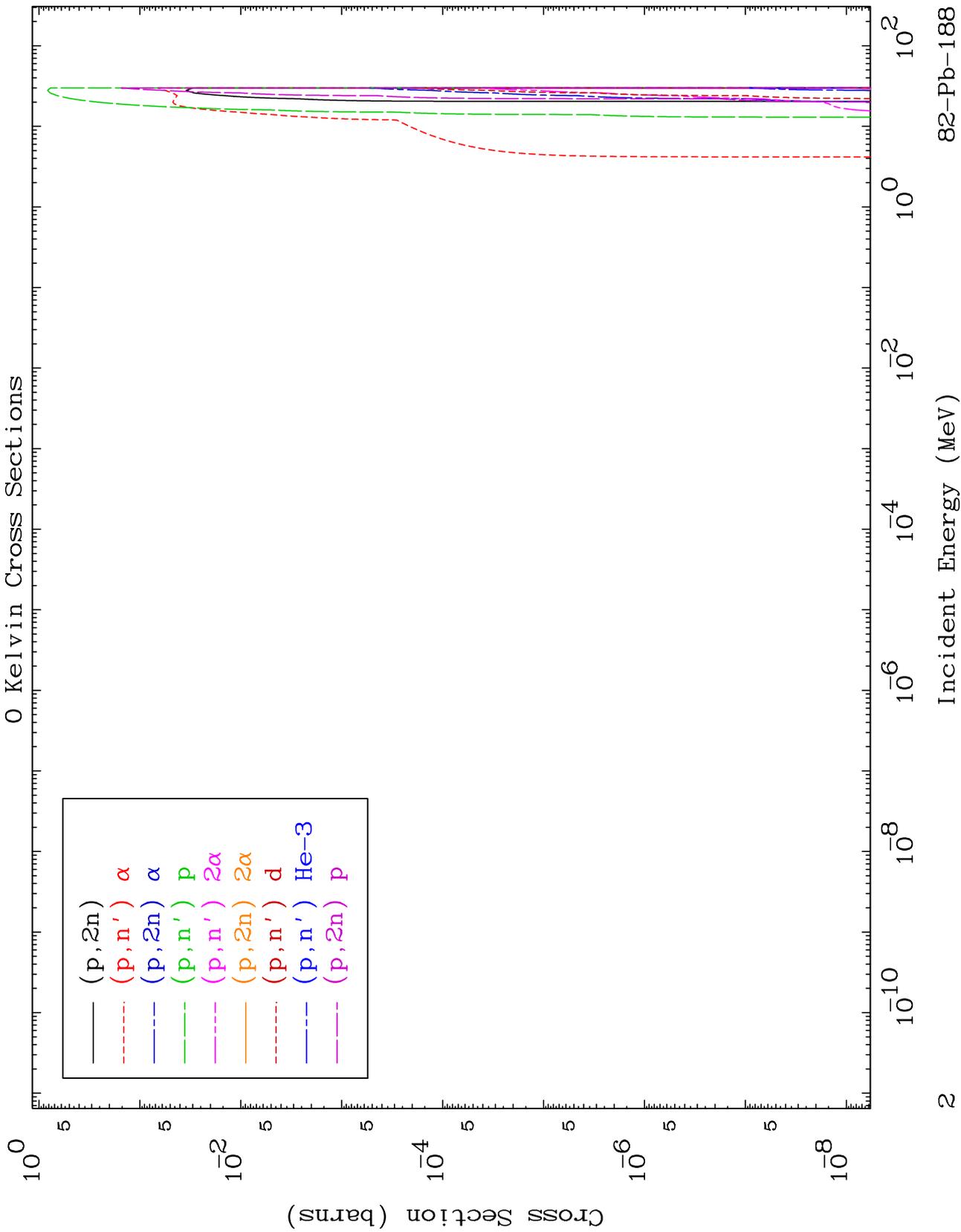
0 Kelvin Cross Sections



MAT 8177

Proton Neutron Production
0 Kelvin Cross Sections

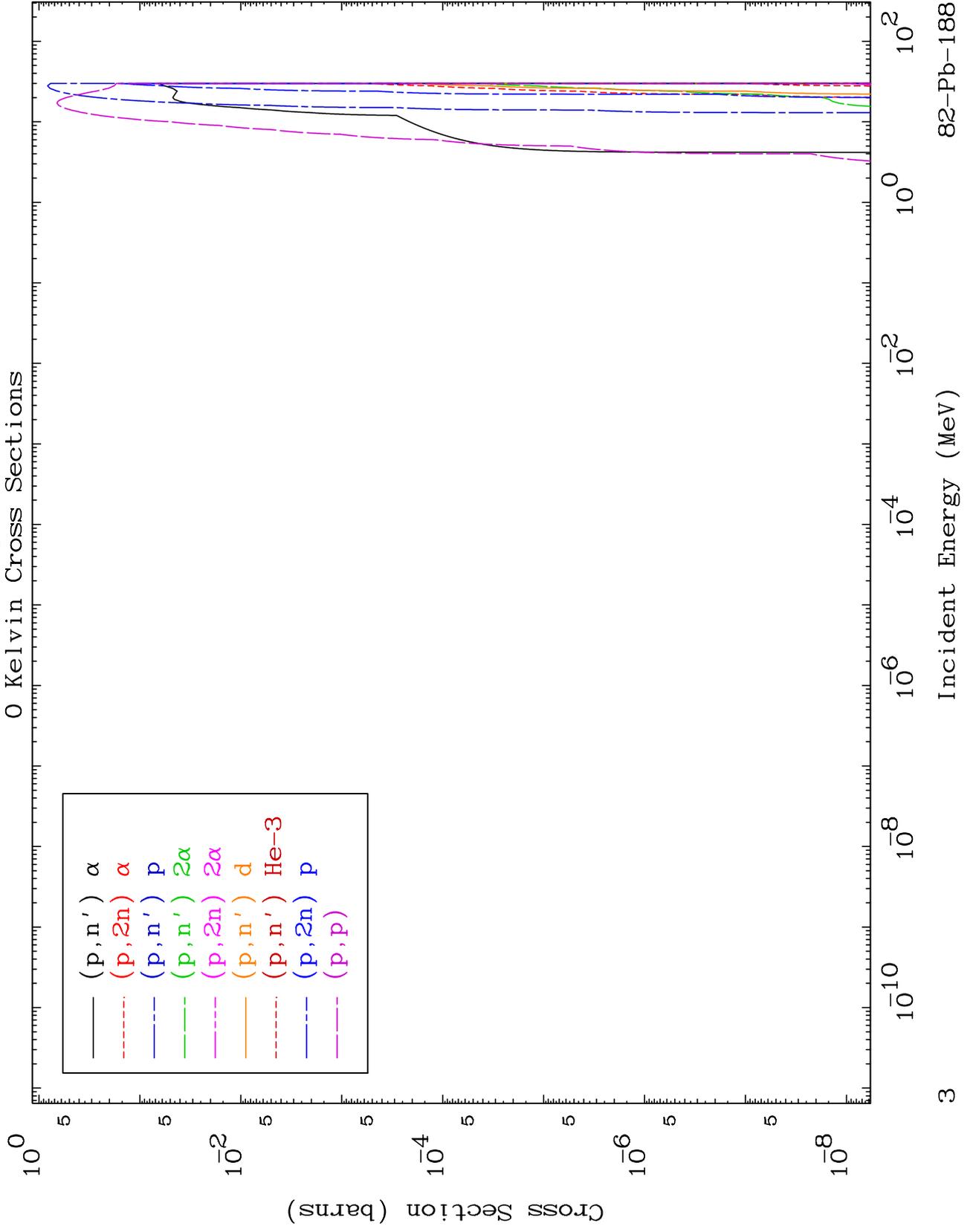
82-Pb-188



MAT 8177

Proton Charged Particle
0 Kelvin Cross Sections

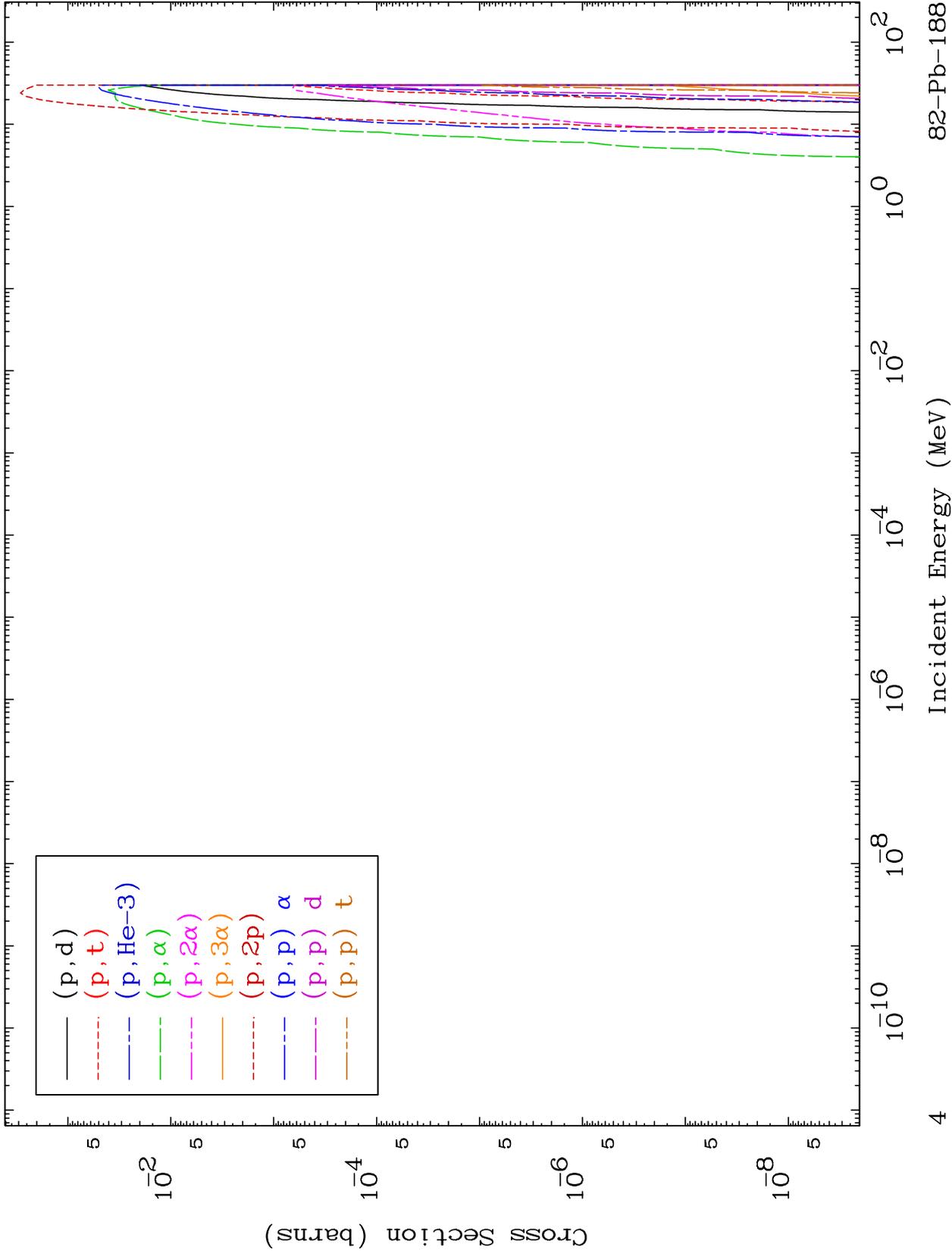
82-Pb-188



MAT 8177

Proton Charged Particle
0 Kelvin Cross Sections

82-Pb-188

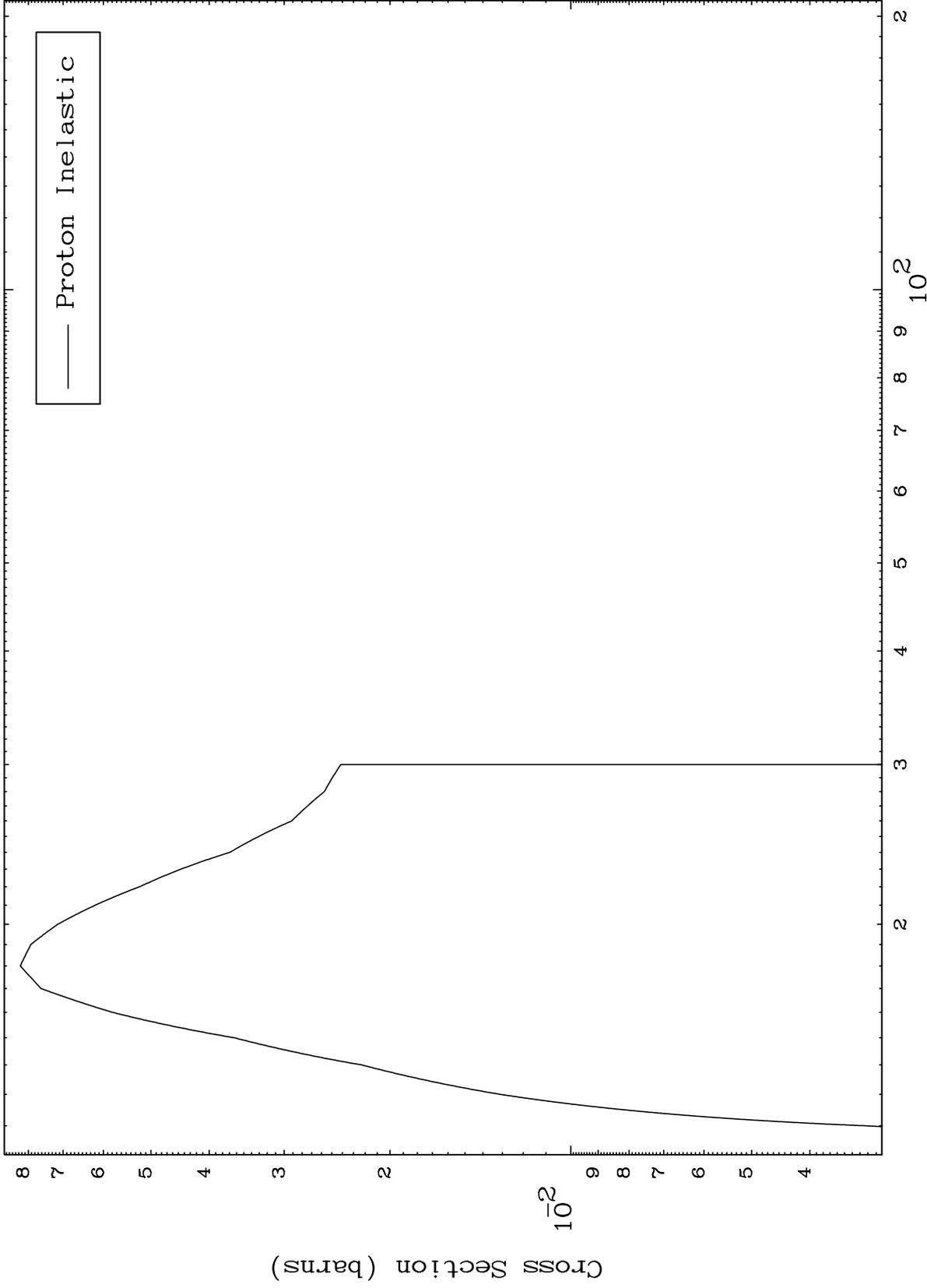


MAT 8177

(p,n') Level

82-Pb-188

0 Kelvin Cross Sections



5

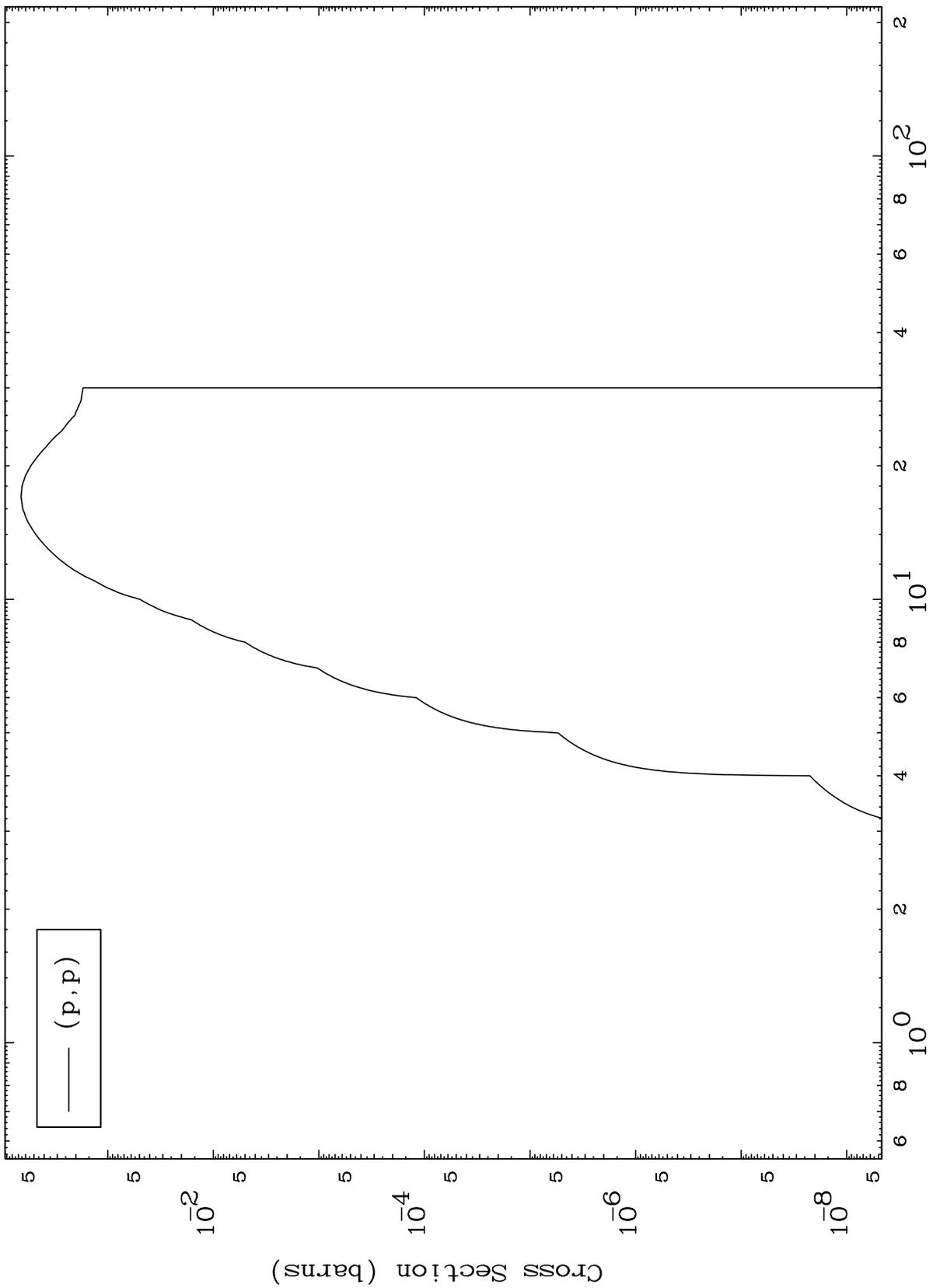
Incident Energy (MeV)

82-Pb-188

MAT 8177

82-Pb-188

(p,p) Levels
0 Kelvin Cross Sections



82-Pb-188

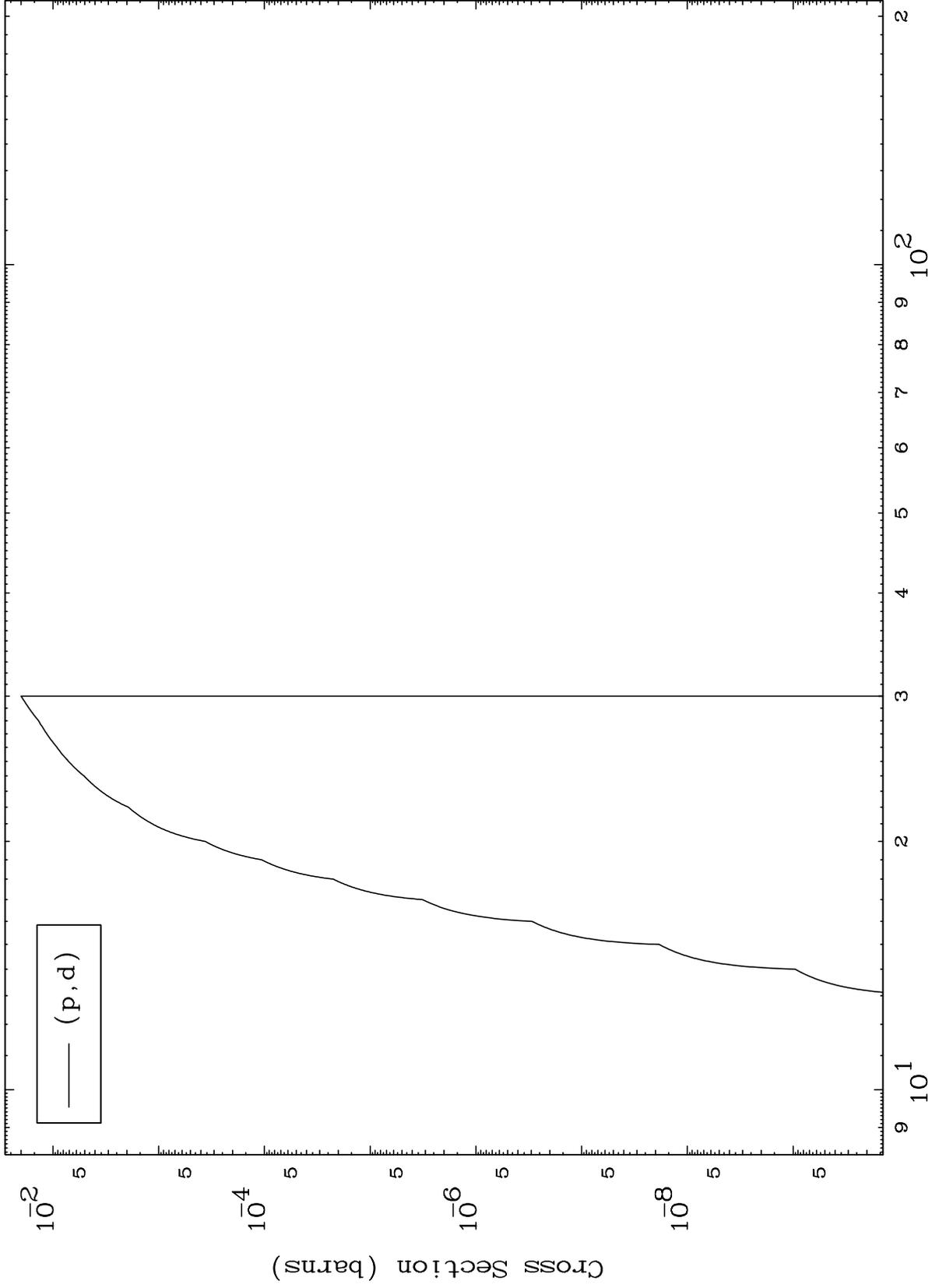
Incident Energy (MeV)

6

MAT 8177

(p,d) Levels
0 Kelvin Cross Sections

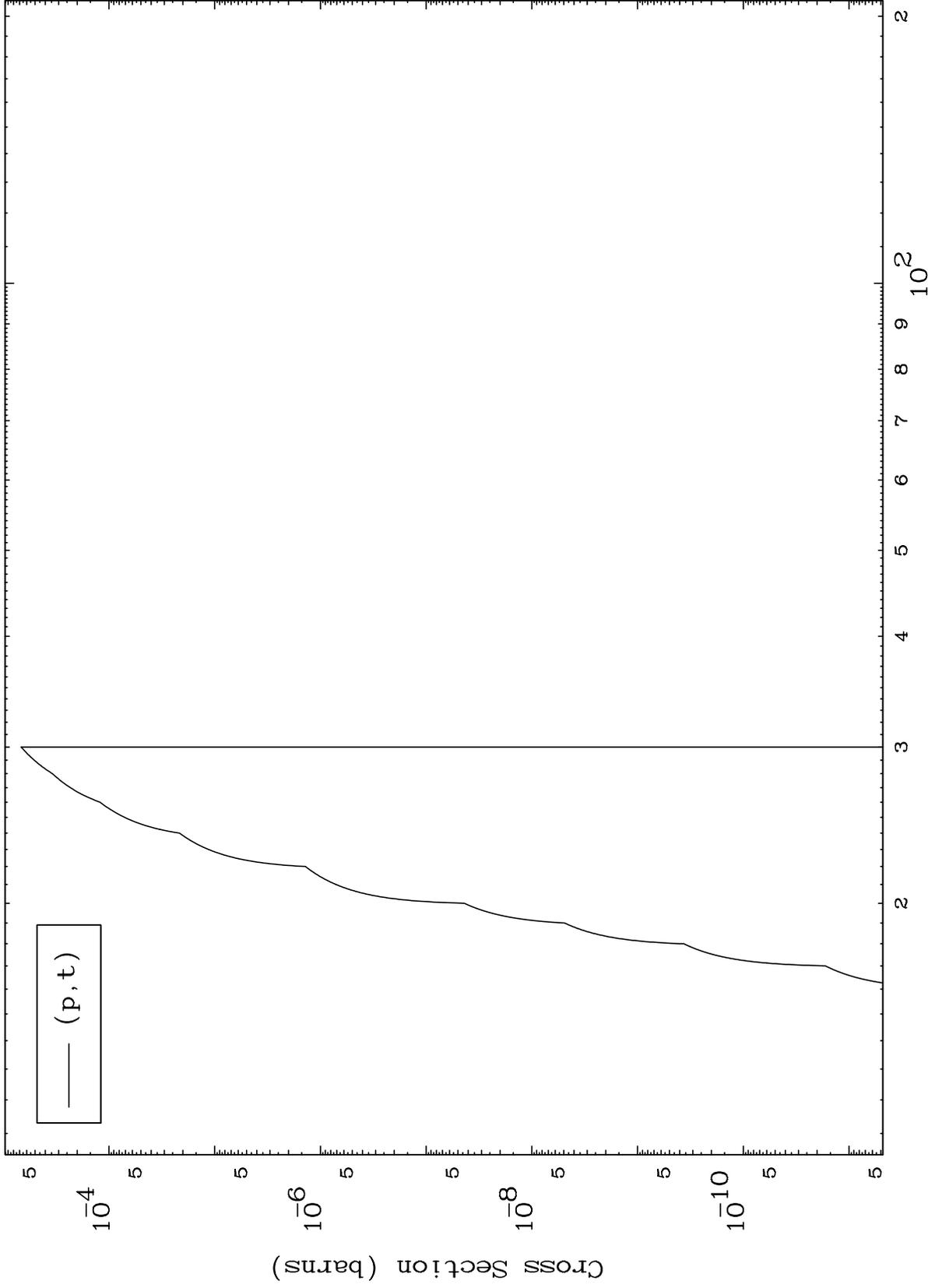
82-Pb-188



7

Incident Energy (MeV)

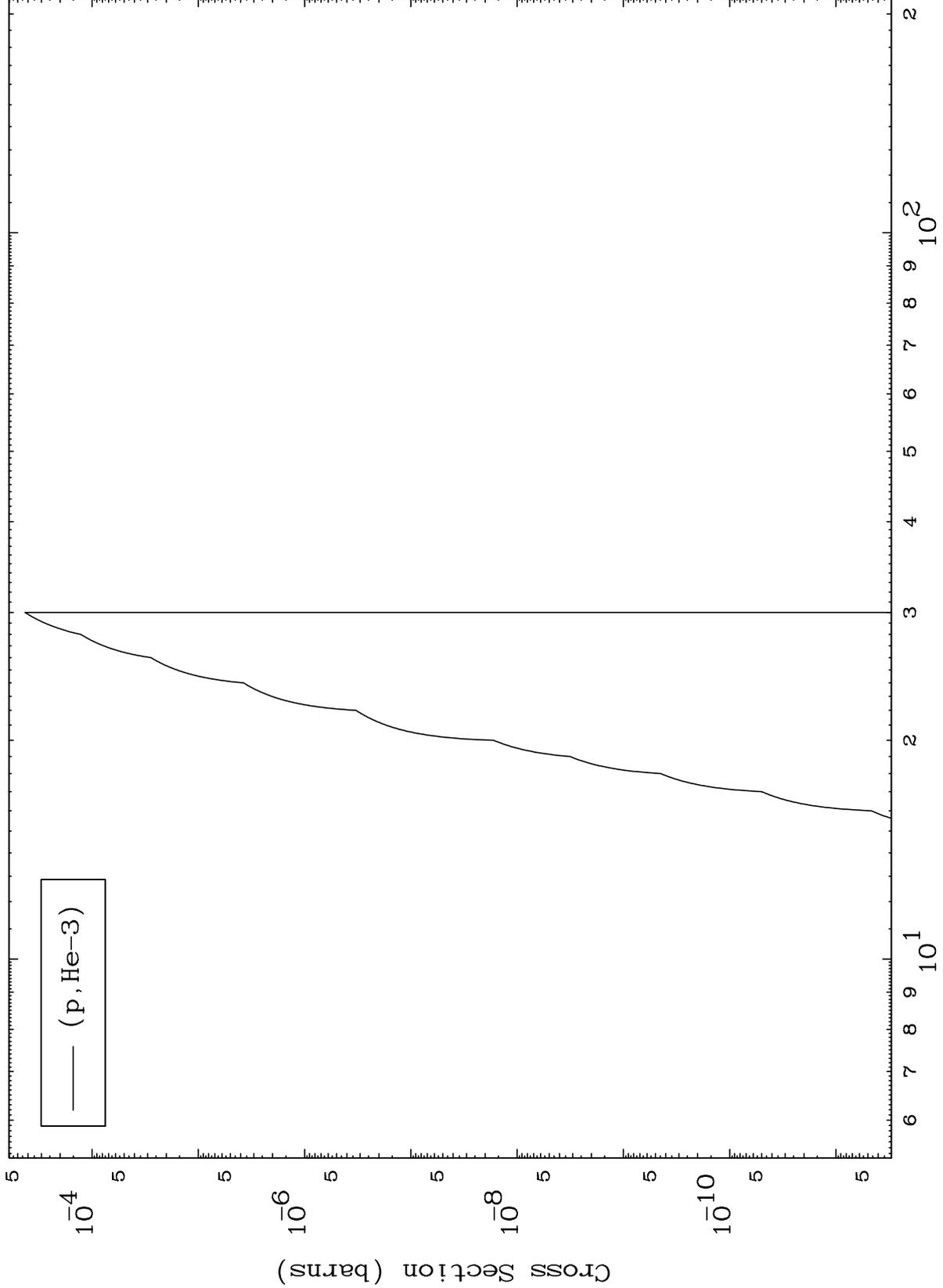
82-Pb-188



MAT 8177

(p,He3) Levels
0 Kelvin Cross Sections

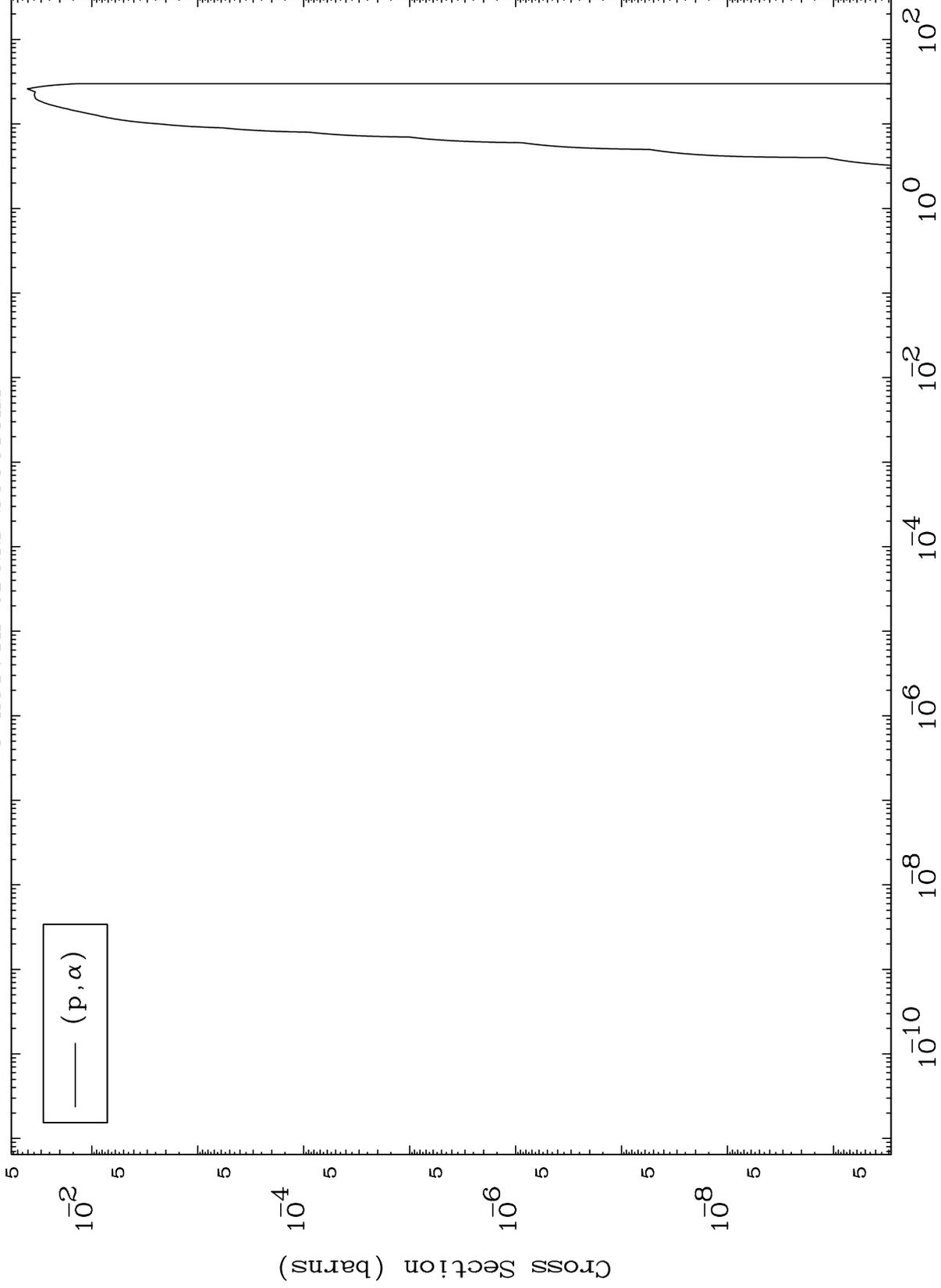
82-Pb-188



MAT 8177

(p, α) Levels
0 Kelvin Cross Sections

82-Pb-188



10

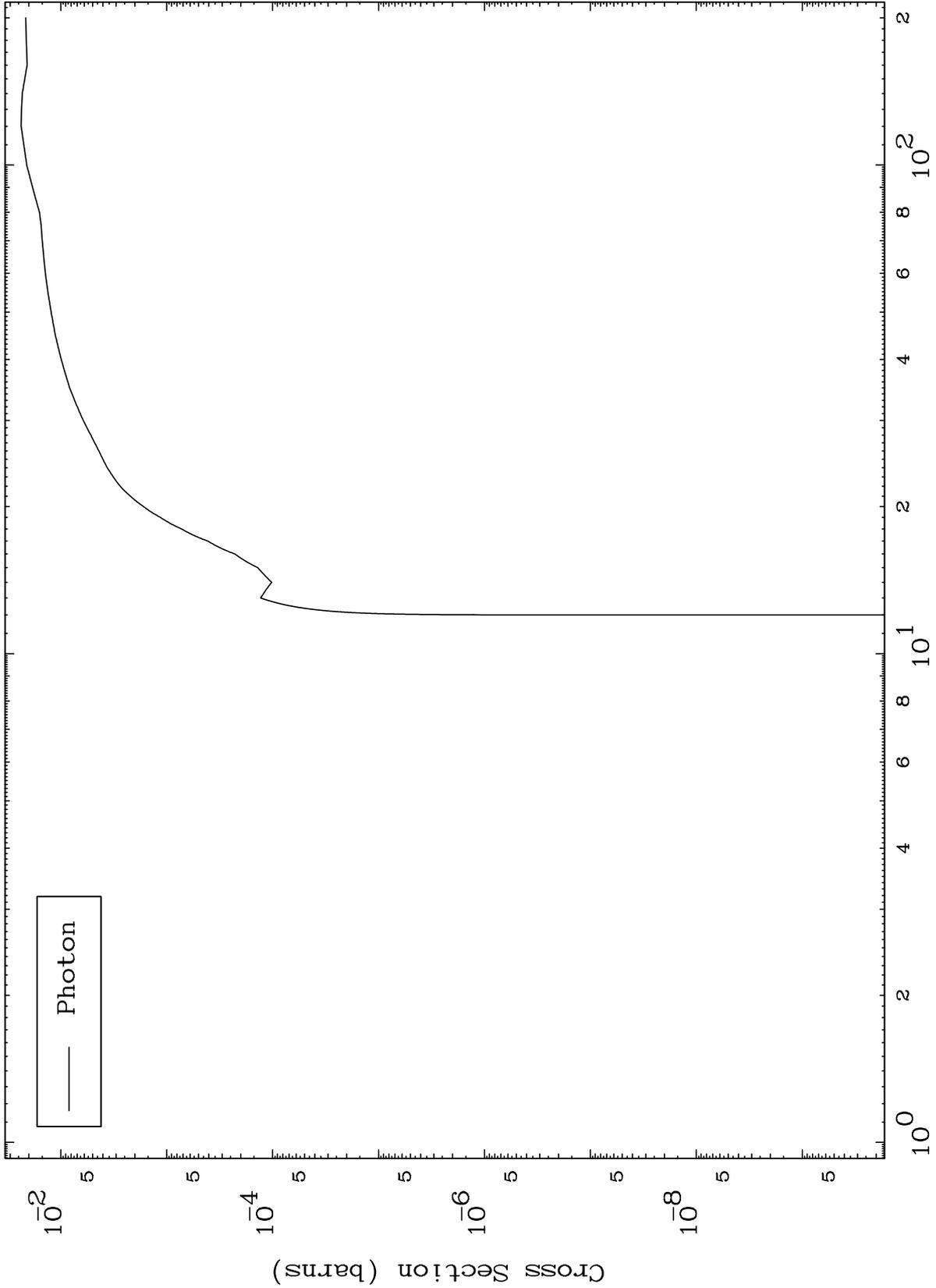
Incident Energy (MeV)

82-Pb-188

MAT 8177

82-Pb-188

Proton Fission
Radionuclide Production Cross Section



11

Incident Energy (MeV)

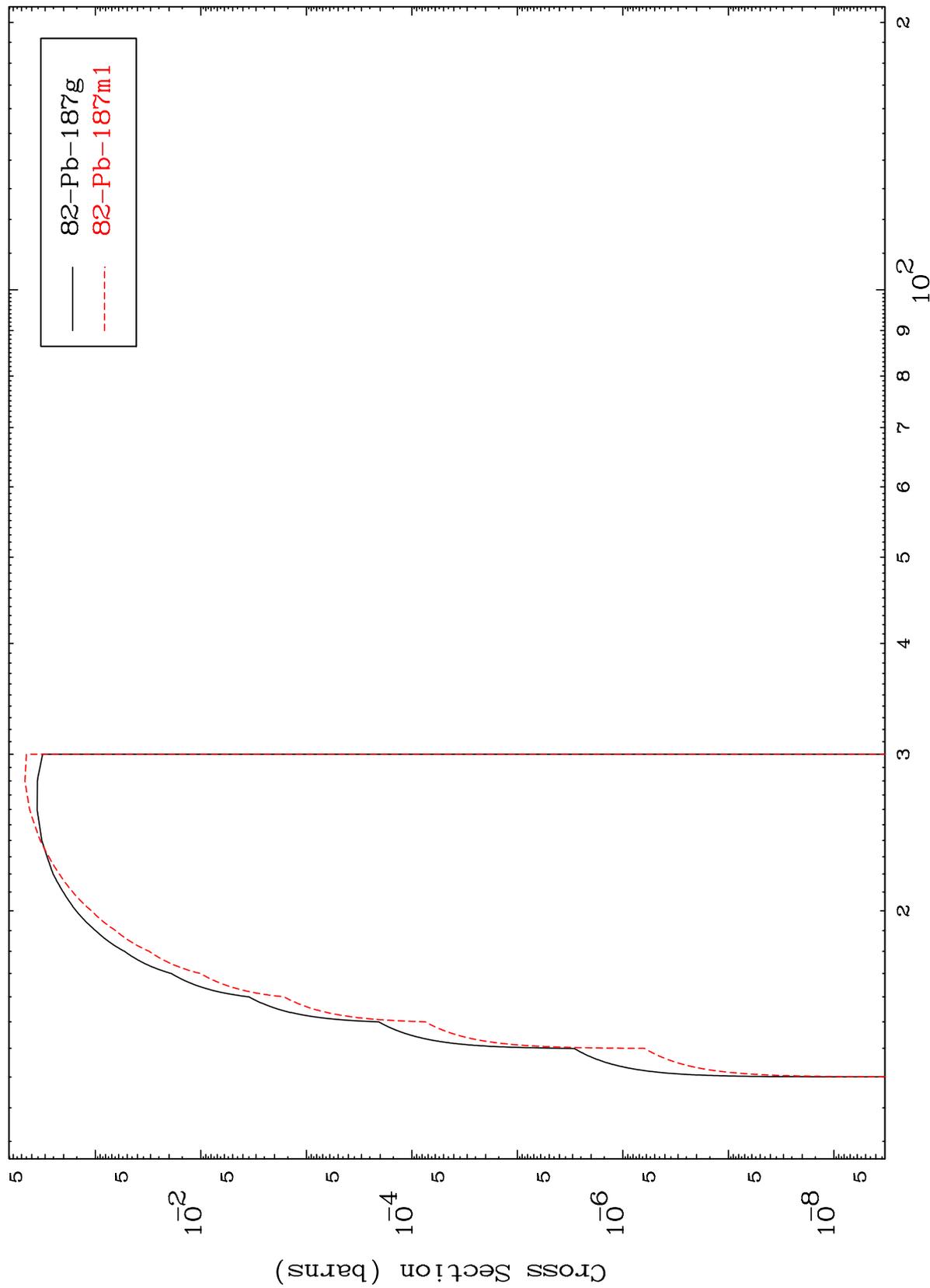
82-Pb-188

MAT 8177

(p,n') p

82-Pb-188

Radionuclide Production Cross Section



12

Incident Energy (MeV)

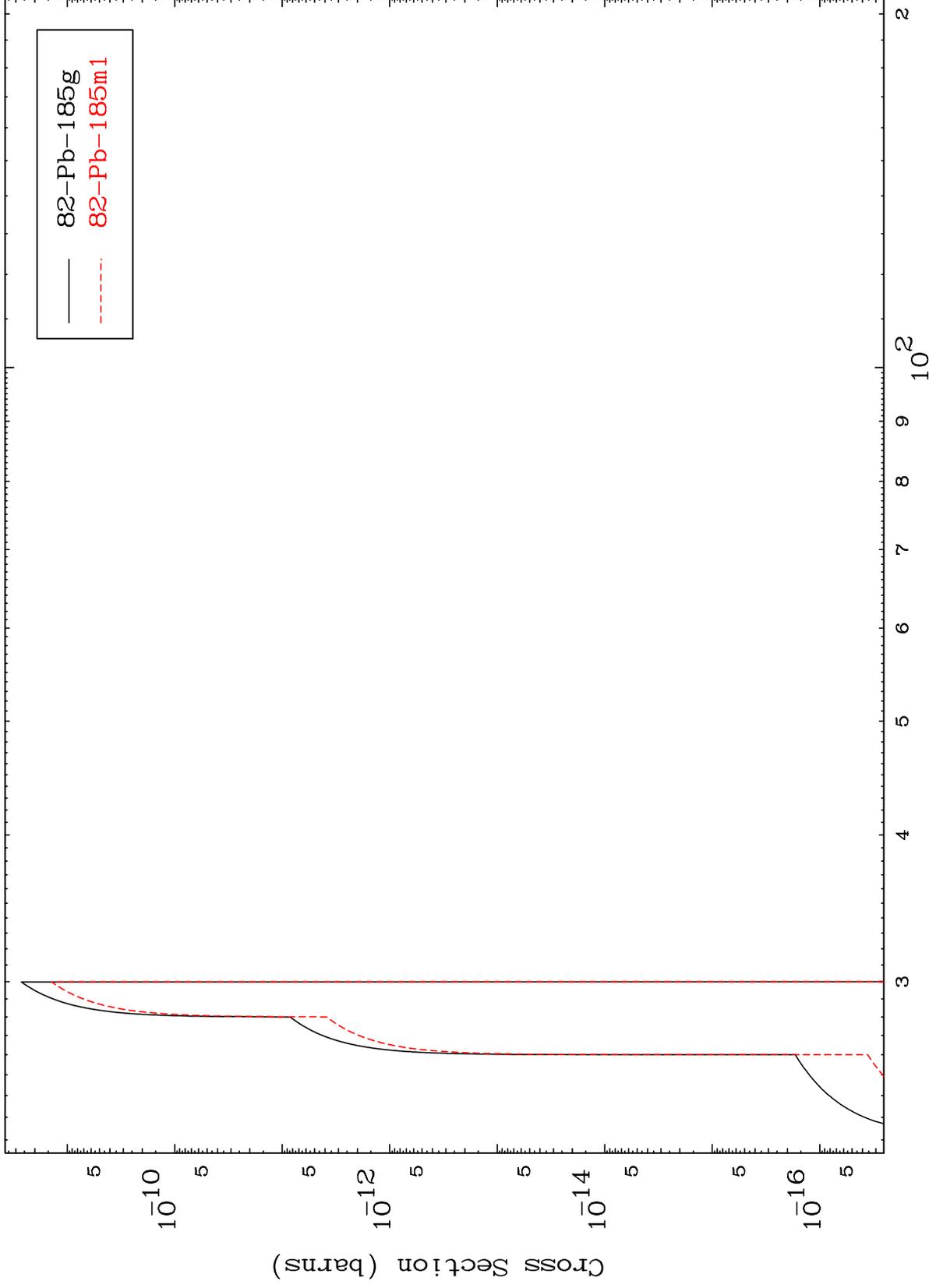
82-Pb-188

MAT 8177

(p,n') t

82-Pb-188

Radionuclide Production Cross Section



13

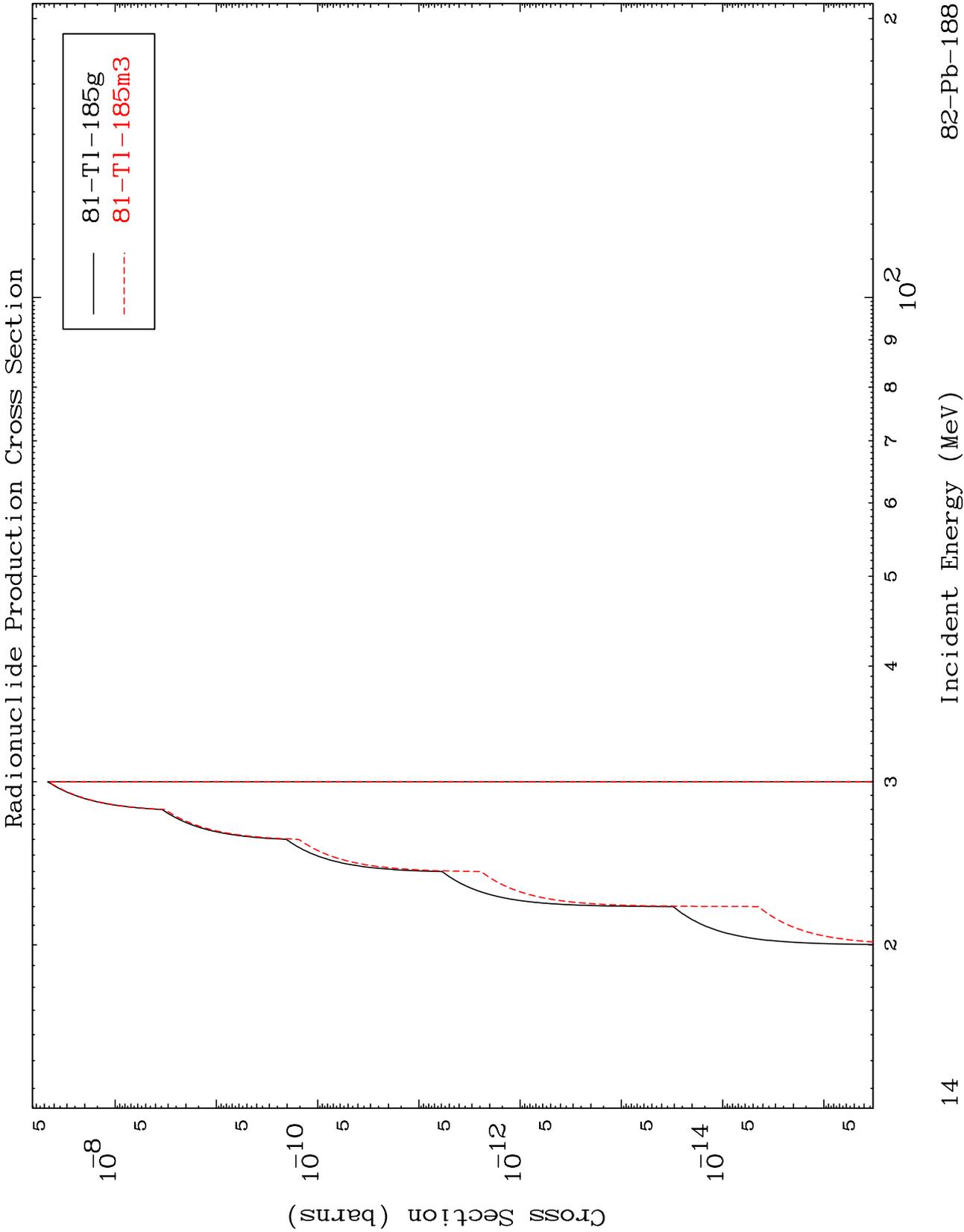
Incident Energy (MeV)

82-Pb-188

MAT 8177

(p,n') He-3

82-Pb-188



14

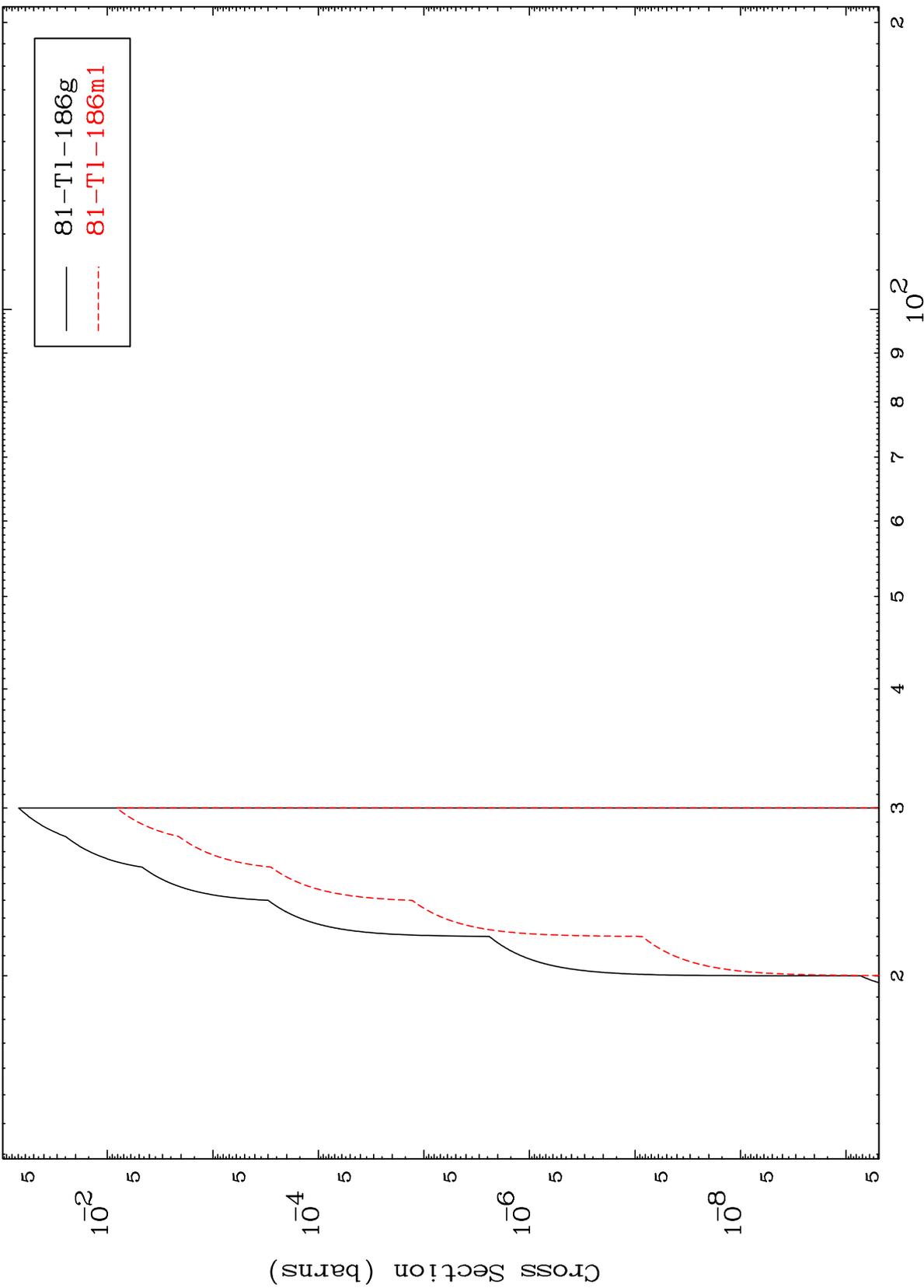
82-Pb-188

MAT 8177

(p,2n) p

82-Pb-188

Radionuclide Production Cross Section



15

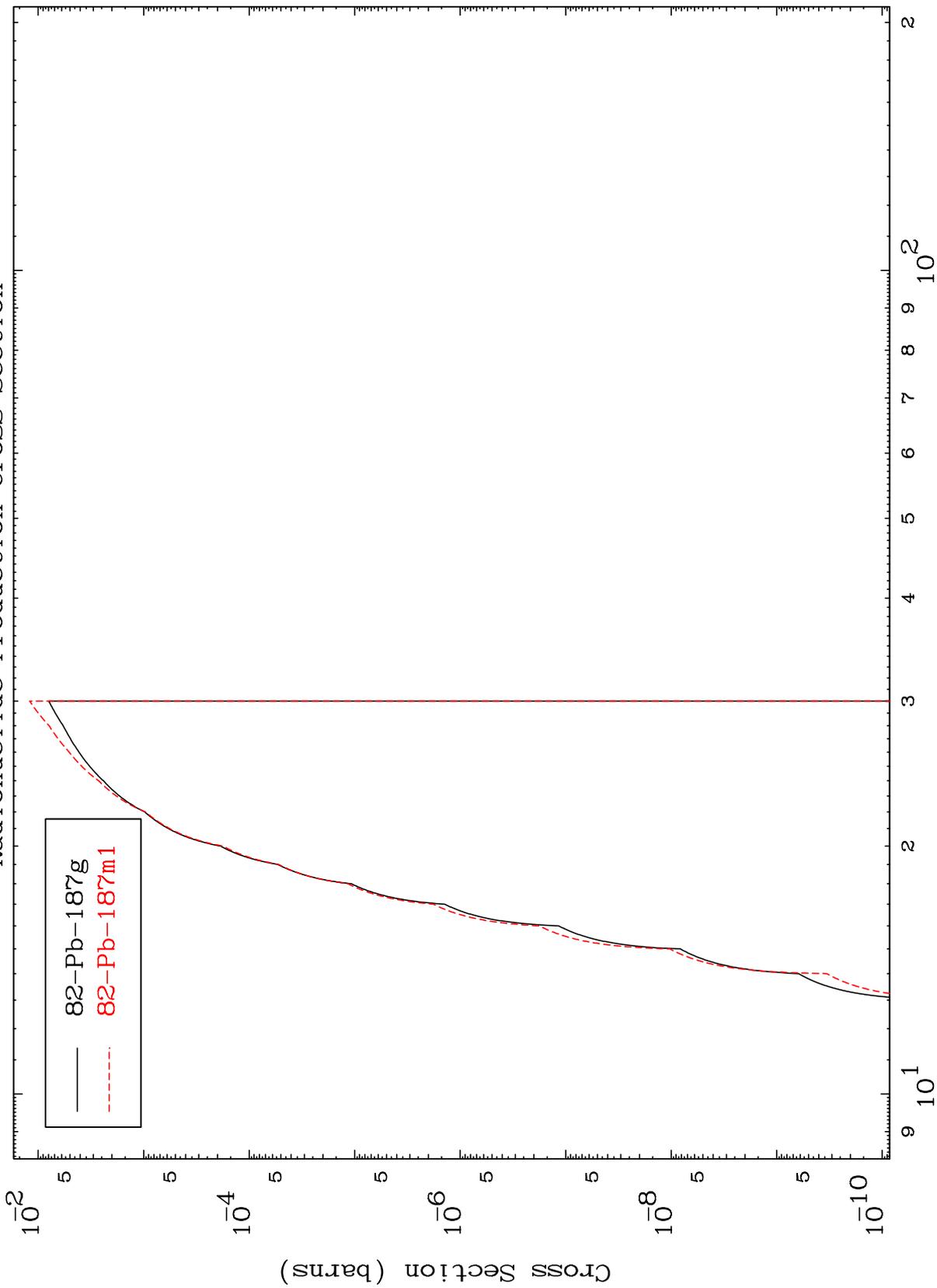
Incident Energy (MeV)

82-Pb-188

MAT 8177

82-Pb-188

(p,d)
Radionuclide Production Cross Section



82-Pb-188

Incident Energy (MeV)

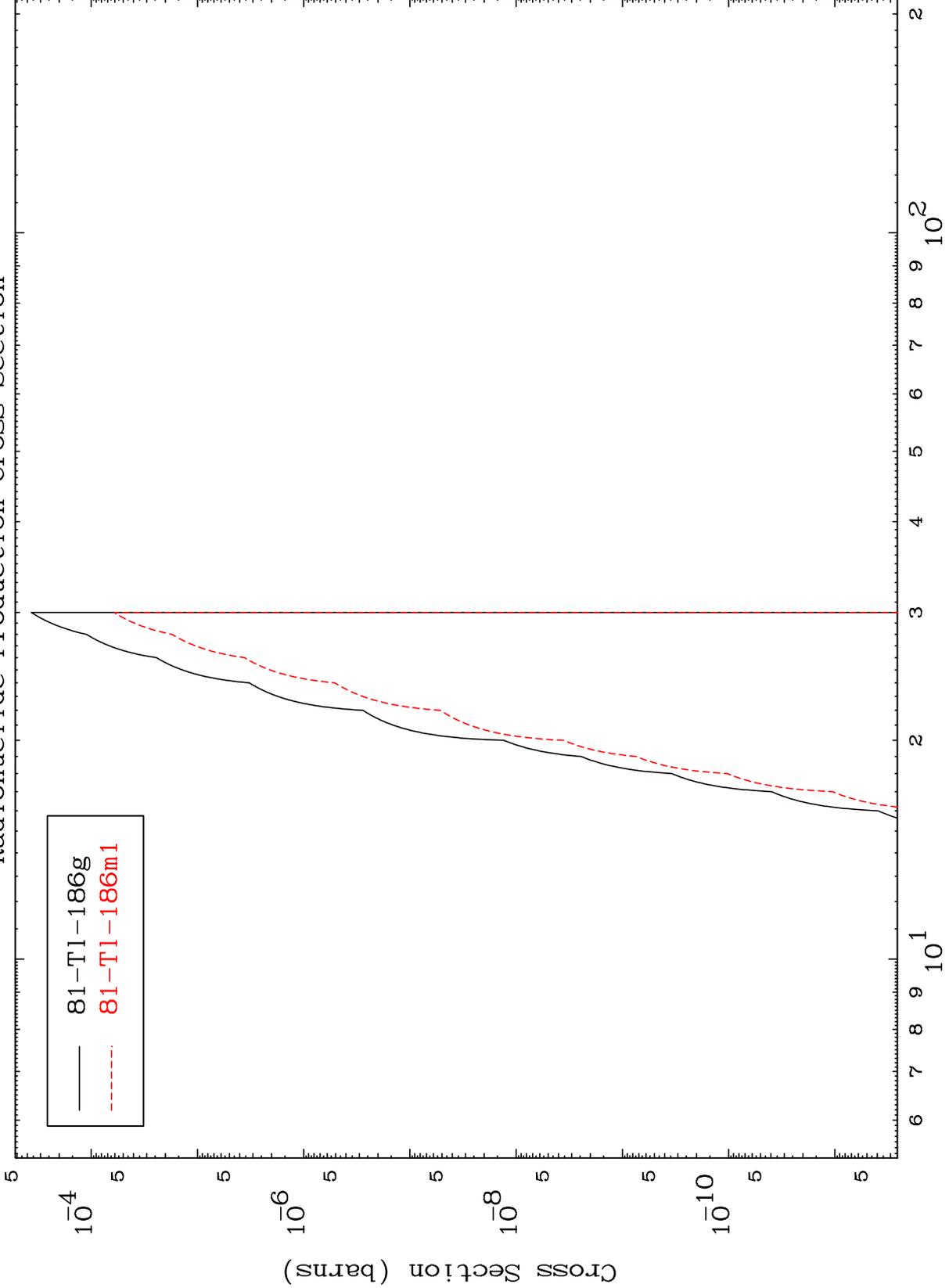
16

MAT 8177

(p,He-3)

82-Pb-188

Radionuclide Production Cross Section



81-Tl-186g
81-Tl-186m1

17

Incident Energy (MeV)

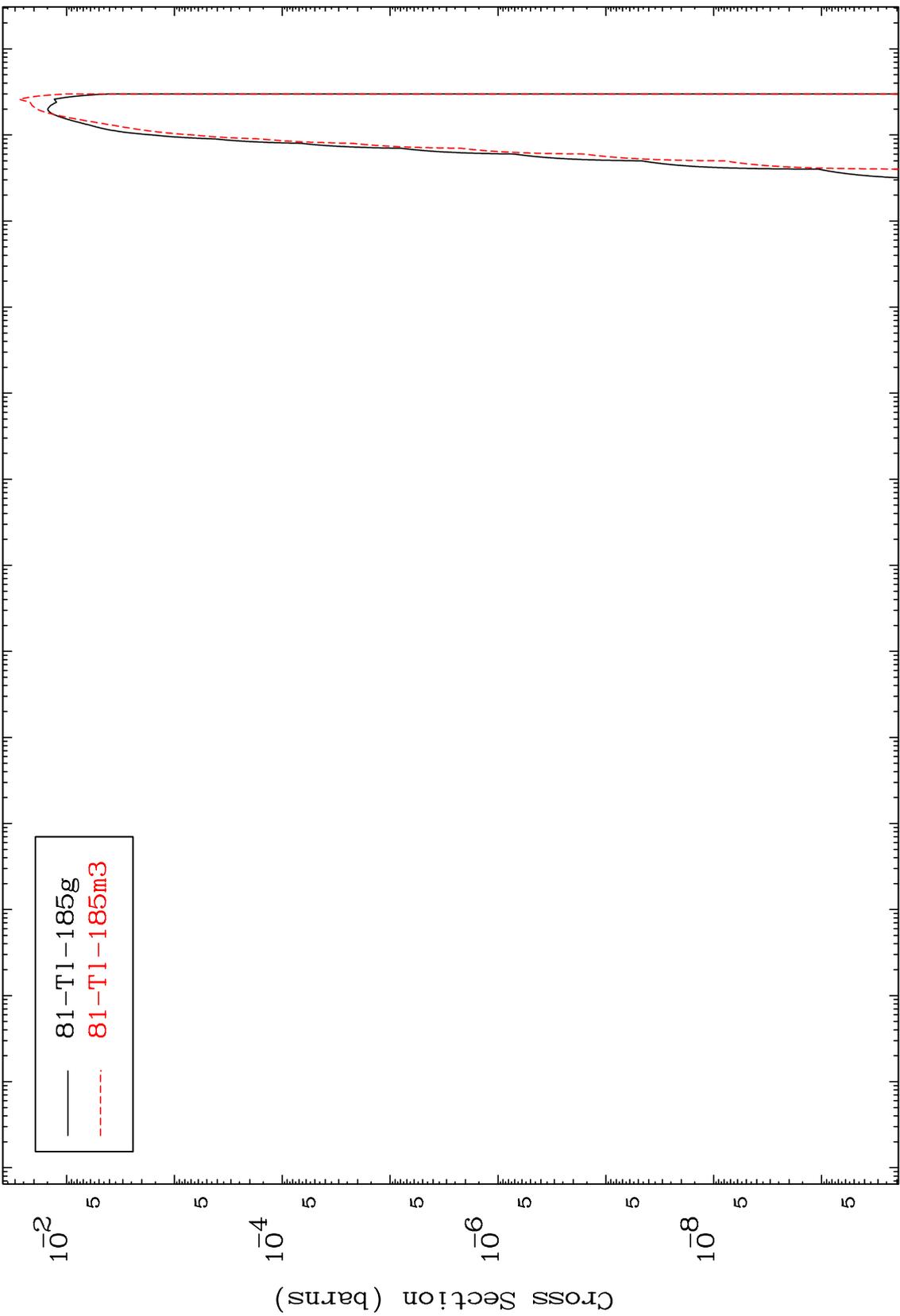
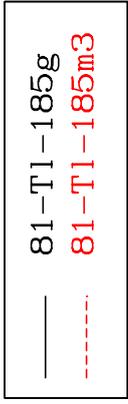
82-Pb-188

MAT 8177

(p, α)

82-Pb-188

Radionuclide Production Cross Section



82-Pb-188

10⁻²

10⁻⁴

10⁻⁶

10⁻⁸

10⁻¹⁰

10⁰

10²

Incident Energy (MeV)

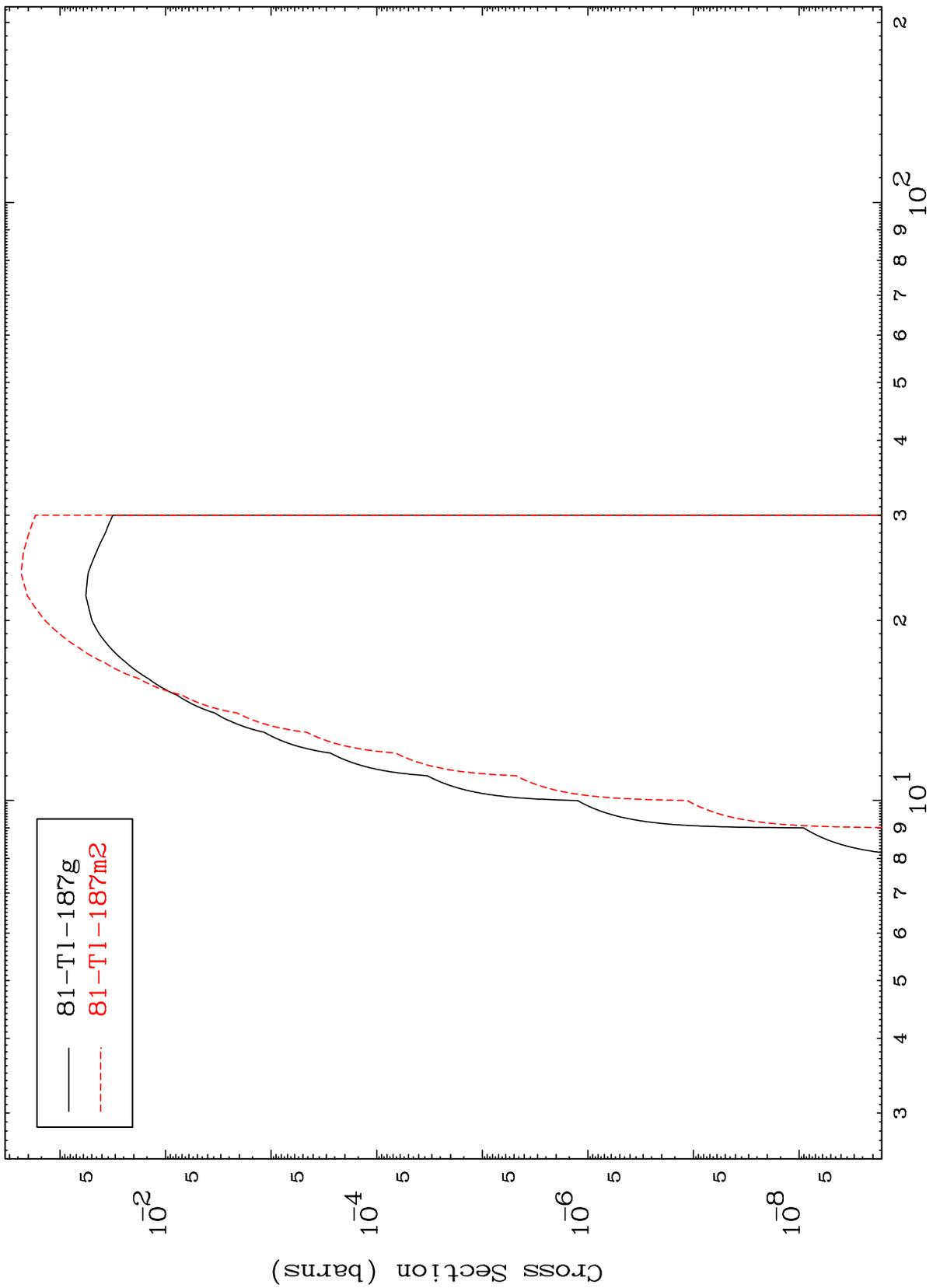
82-Pb-188

18

MAT 8177

82-Pb-188

(p,2p)
Radionuclide Production Cross Section



81-Tl-187g
81-Tl-187m2

19

Incident Energy (MeV)

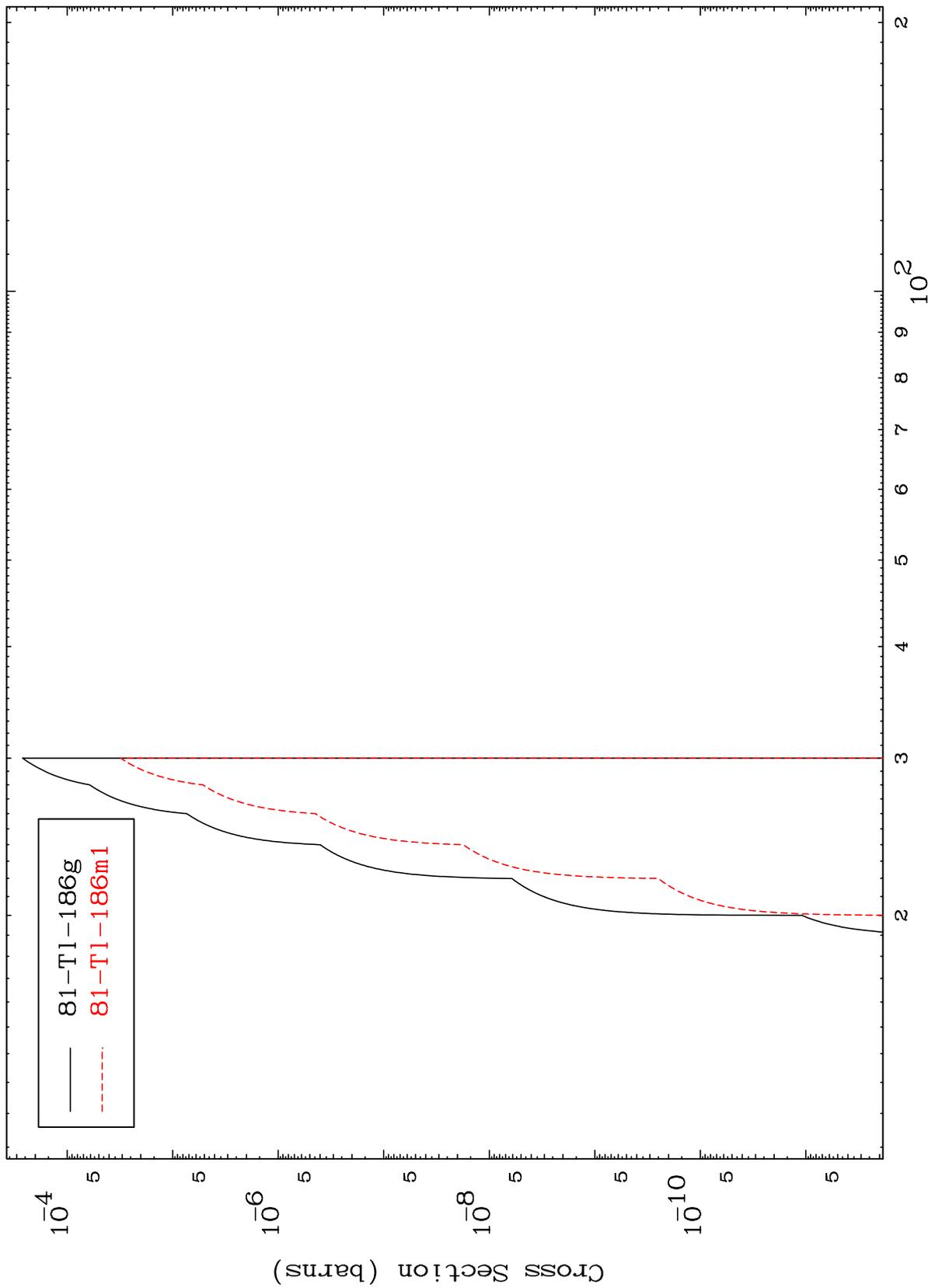
82-Pb-188

MAT 8177

(p,p) d

82-Pb-188

Radionuclide Production Cross Section



20

Incident Energy (MeV)

82-Pb-188

