

Program EVALPLOT
(Version 2018-1)

by

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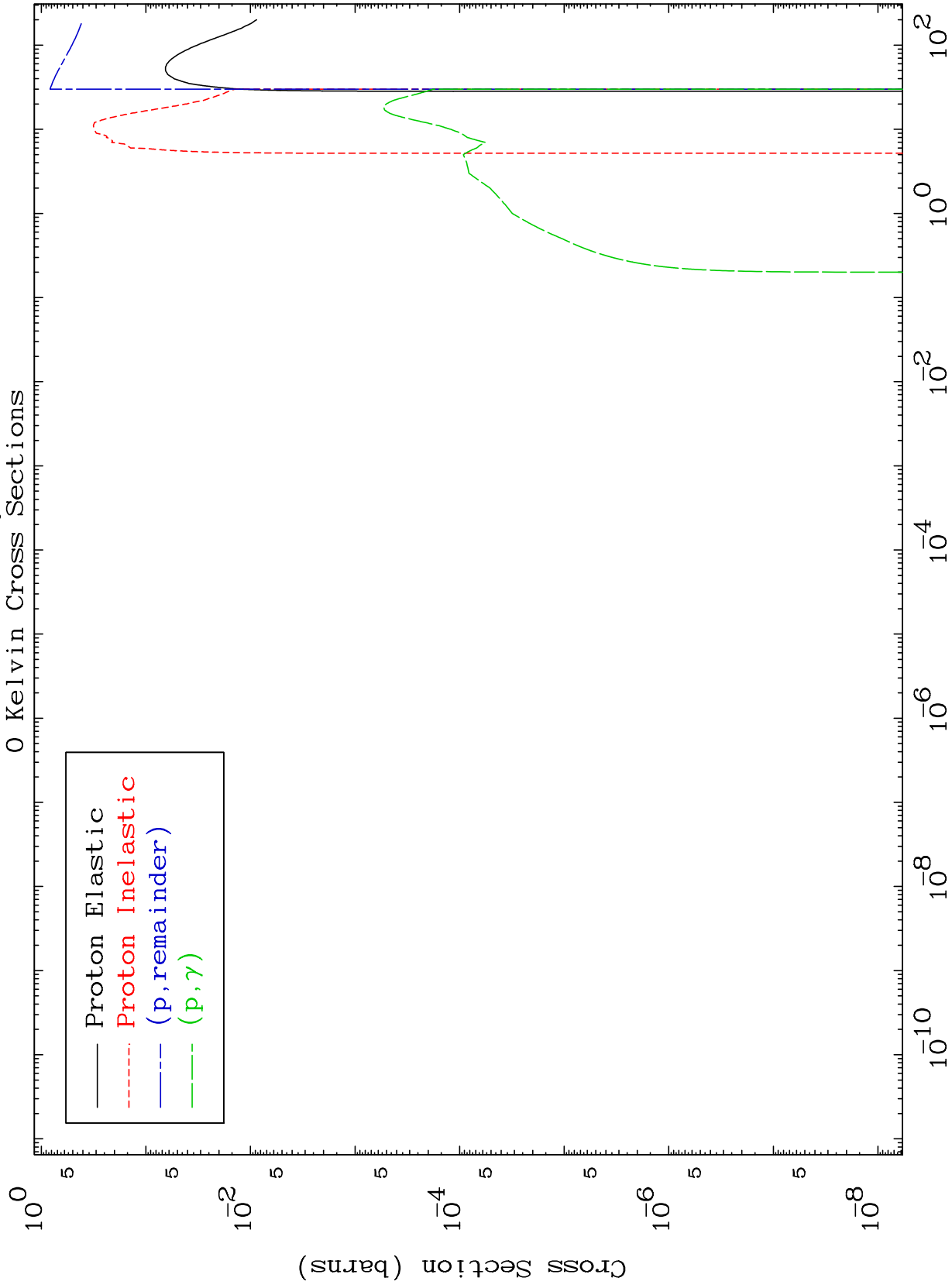
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1431

Proton Major
0 Kelvin Cross Sections

14-Si-30



1

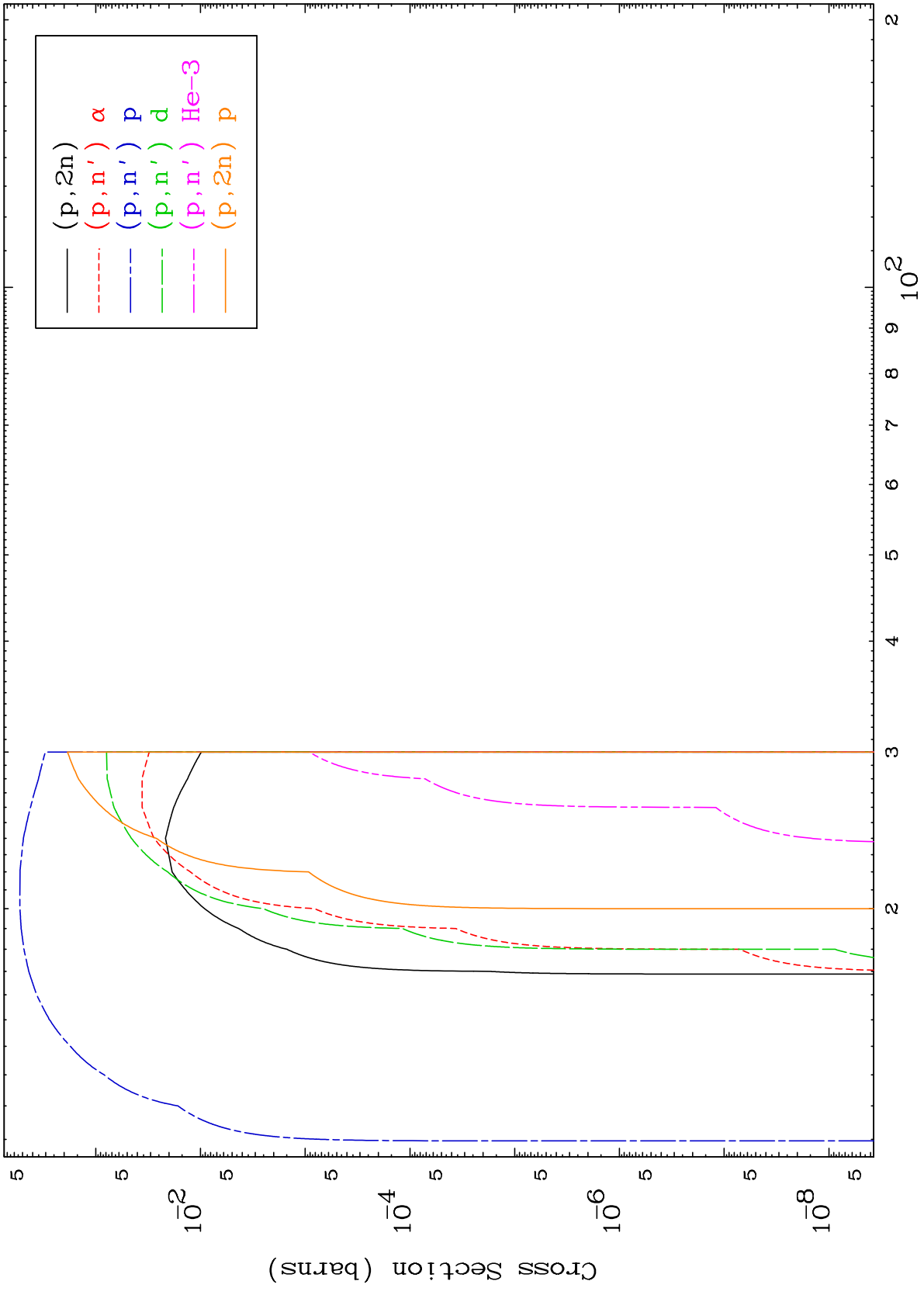
Incident Energy (MeV)

14-Si-30

MAT 1431

Proton Neutron Production
0 Kelvin Cross Sections

14-Si-30



2

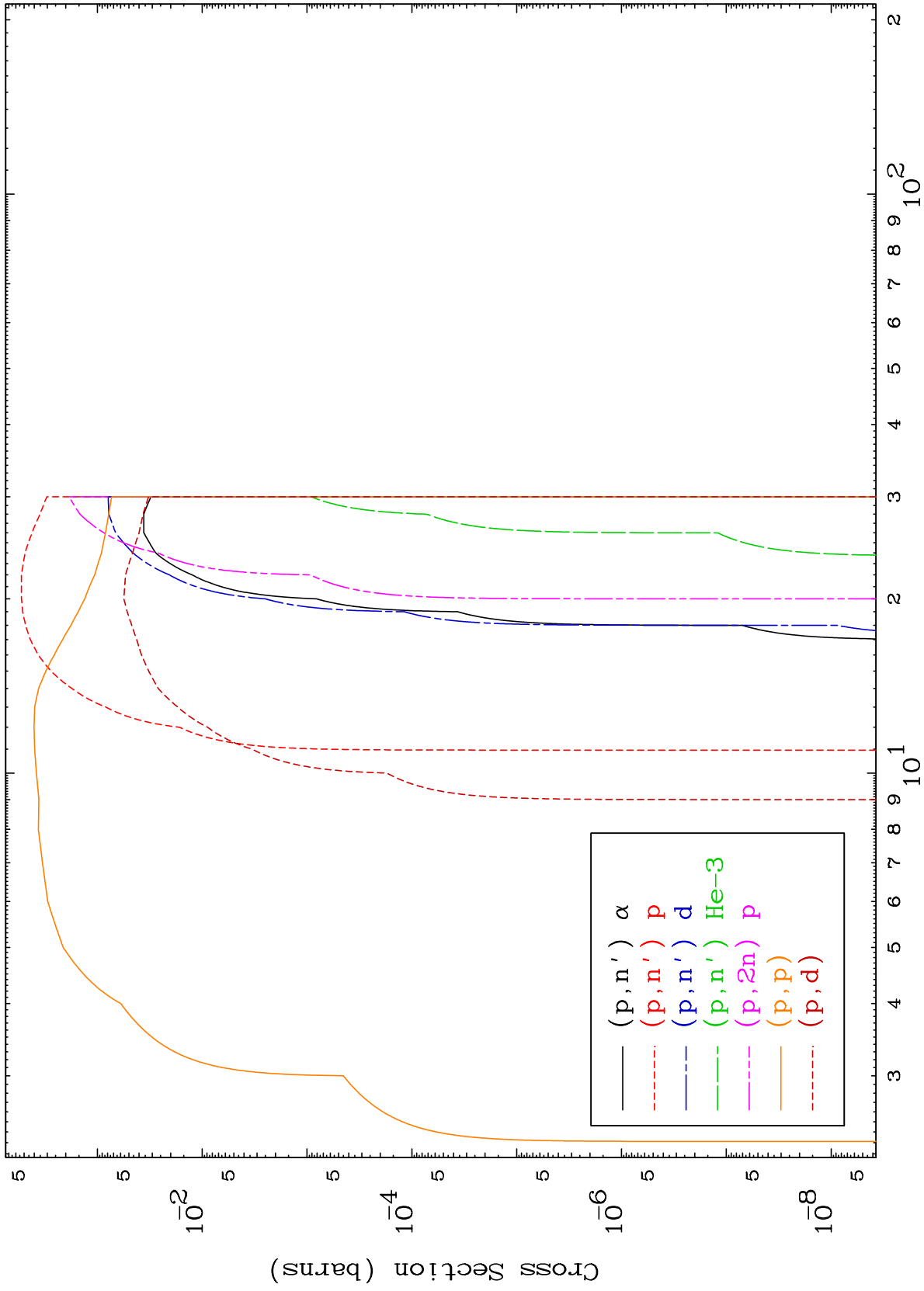
Incident Energy (MeV)

14-Si-30

MAT 1431

Proton Charged Particle
0 Kelvin Cross Sections

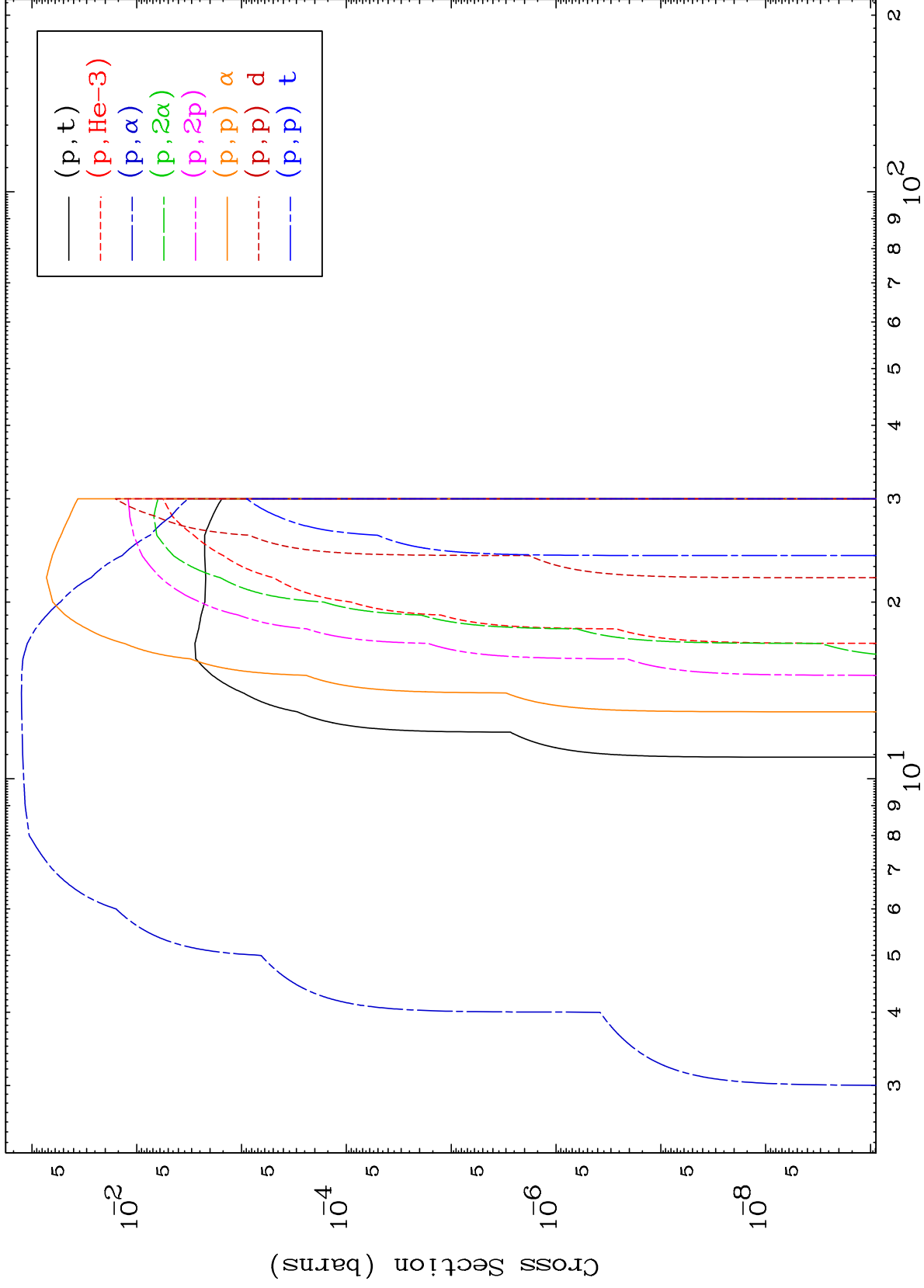
14-Si-30



MAT 1431

Proton Charged Particle
0 Kelvin Cross Sections

14-Si-30



4

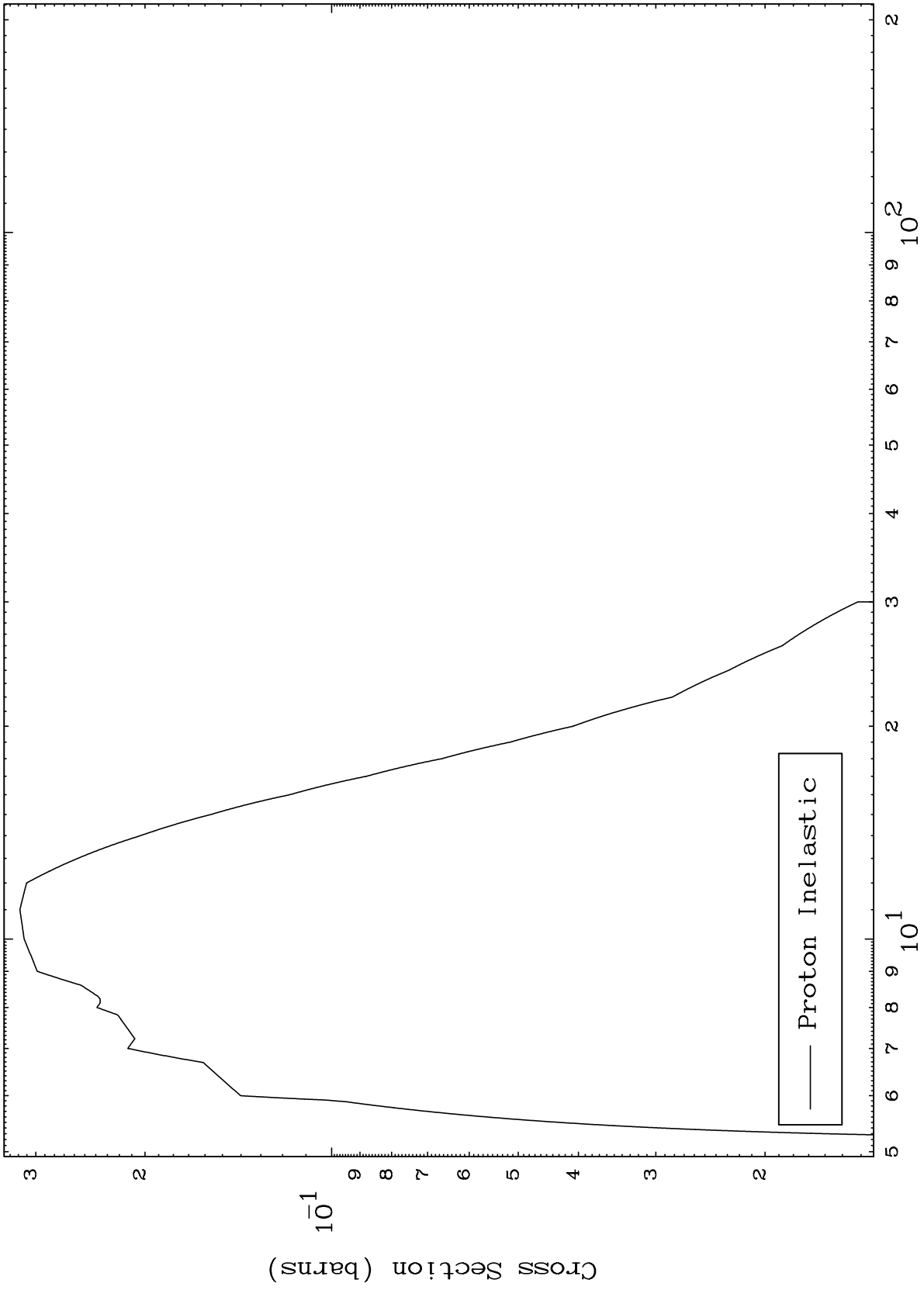
Incident Energy (MeV)

14-Si-30

MAT 1431

(p,n') Level
0 Kelvin Cross Sections

¹⁴Si-30



— Proton Inelastic

5

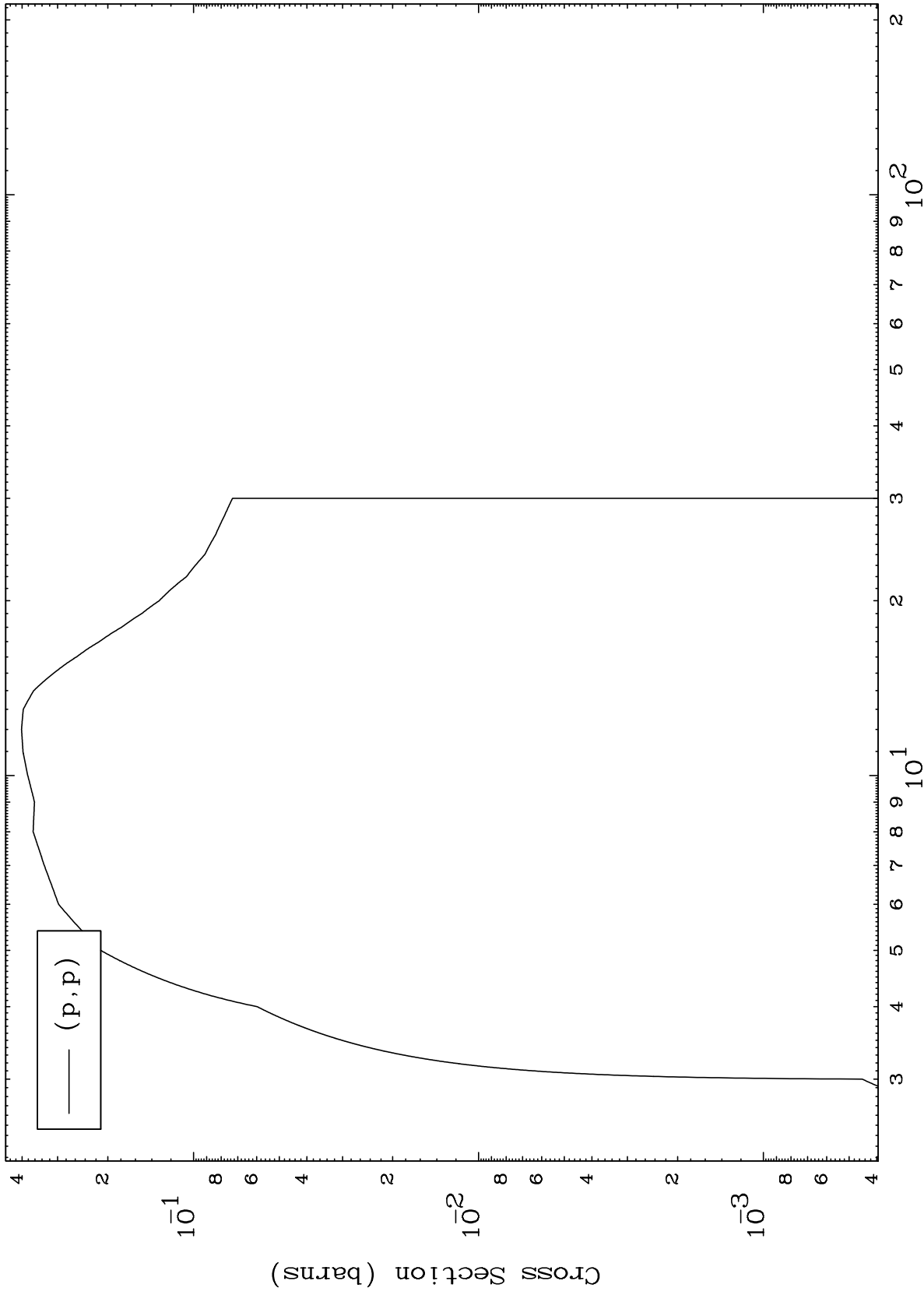
Incident Energy (MeV)

¹⁴Si-30

MAT 1431

(p,p) Levels
0 Kelvin Cross Sections

14-Si-30



6

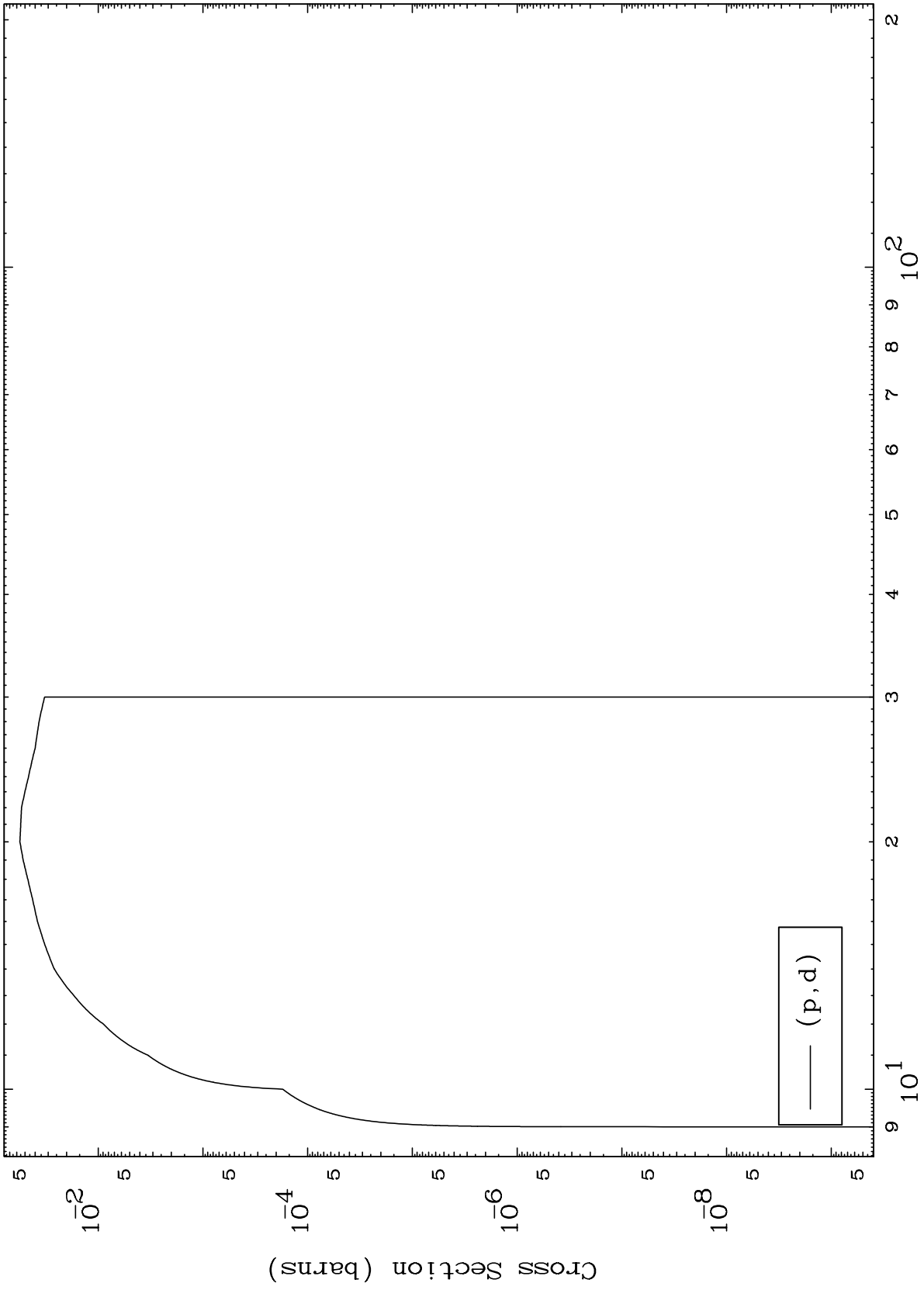
Incident Energy (MeV)

14-Si-30

MAT 1431

(p,d) Levels
0 Kelvin Cross Sections

14-Si-30



7

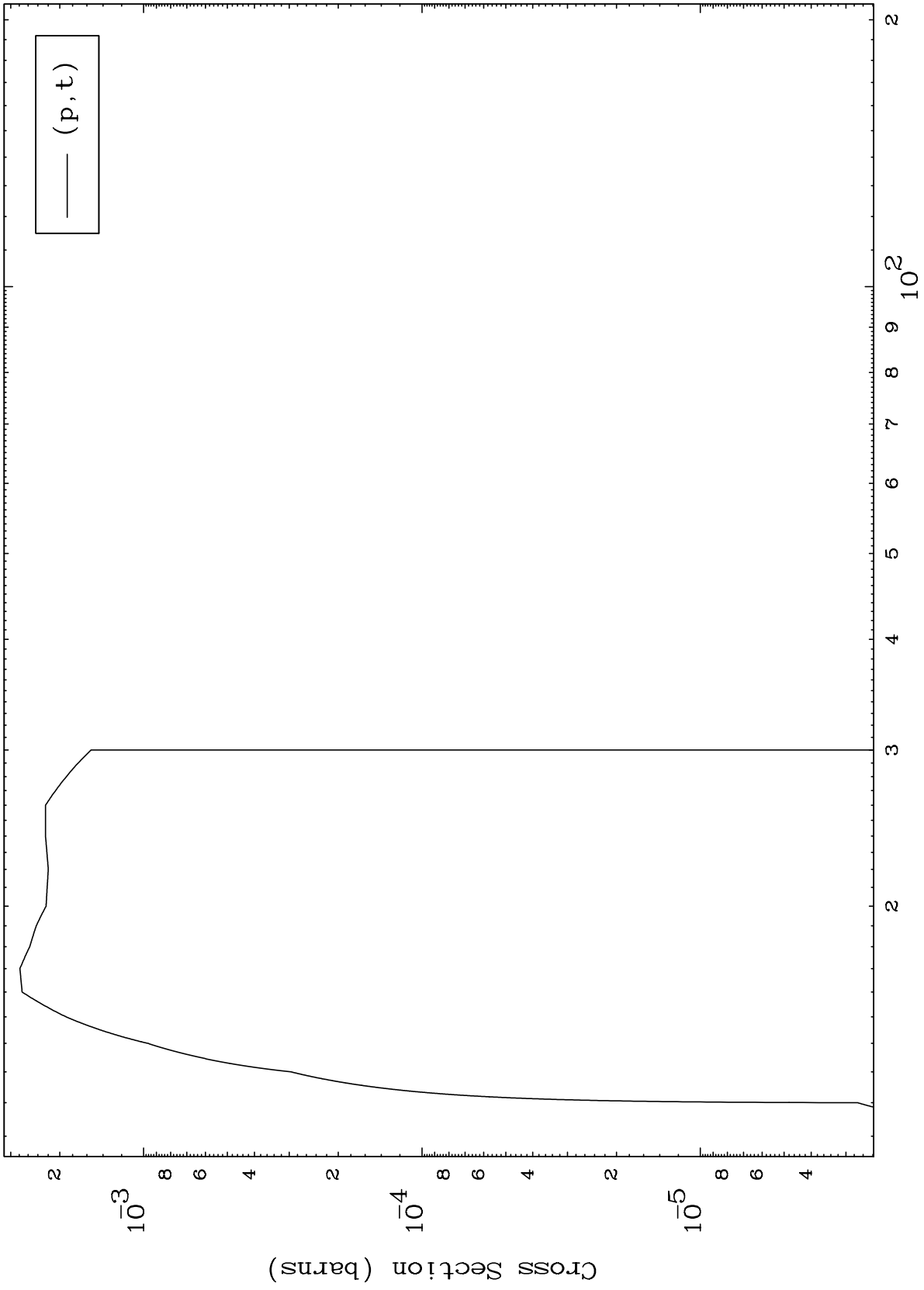
Incident Energy (MeV)

14-Si-30

MAT 1431

(p,t) Levels
0 Kelvin Cross Sections

14-Si-30



8

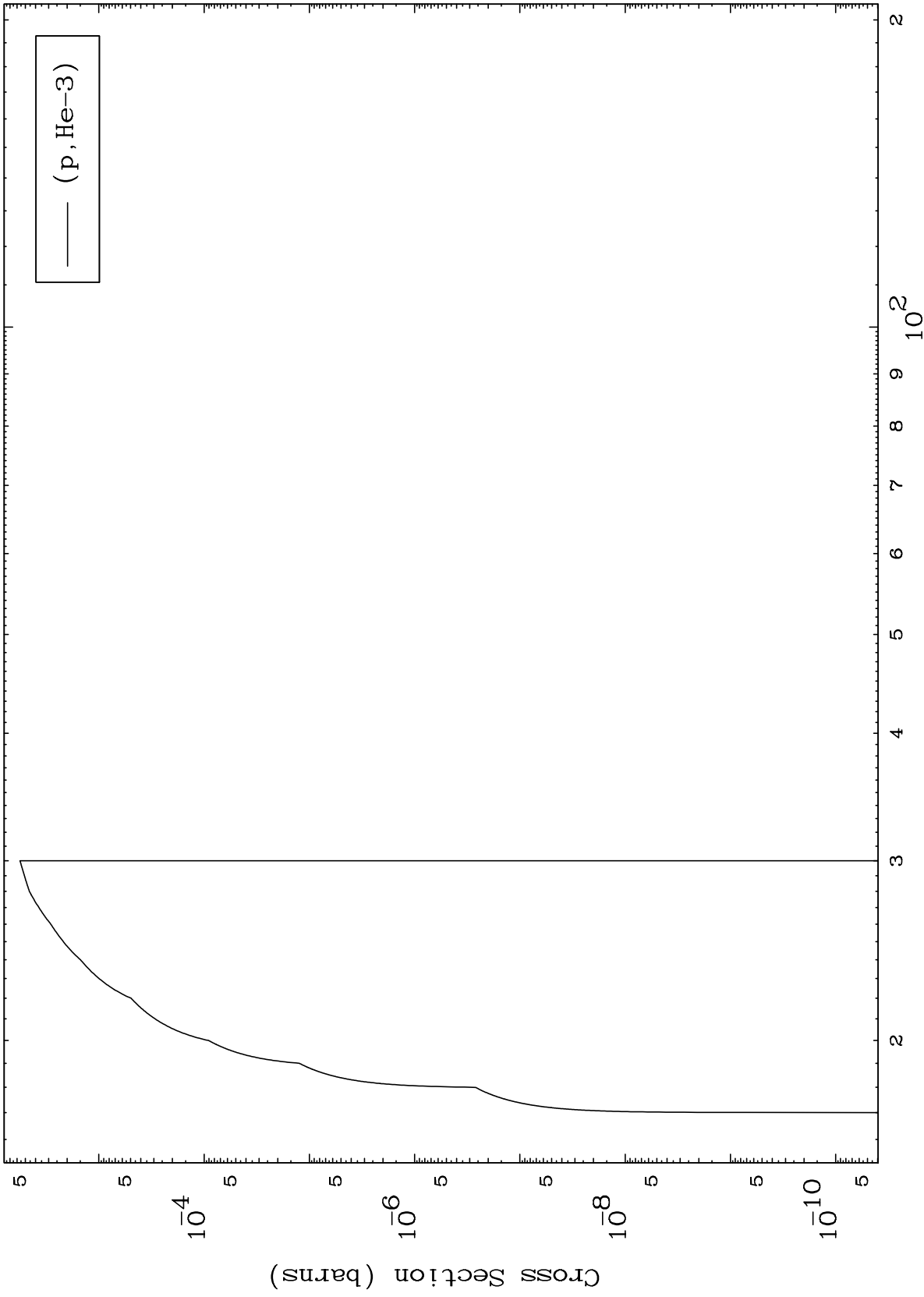
Incident Energy (MeV)

14-Si-30

MAT 1431

(p,He3) Levels
0 Kelvin Cross Sections

14-Si-30



9

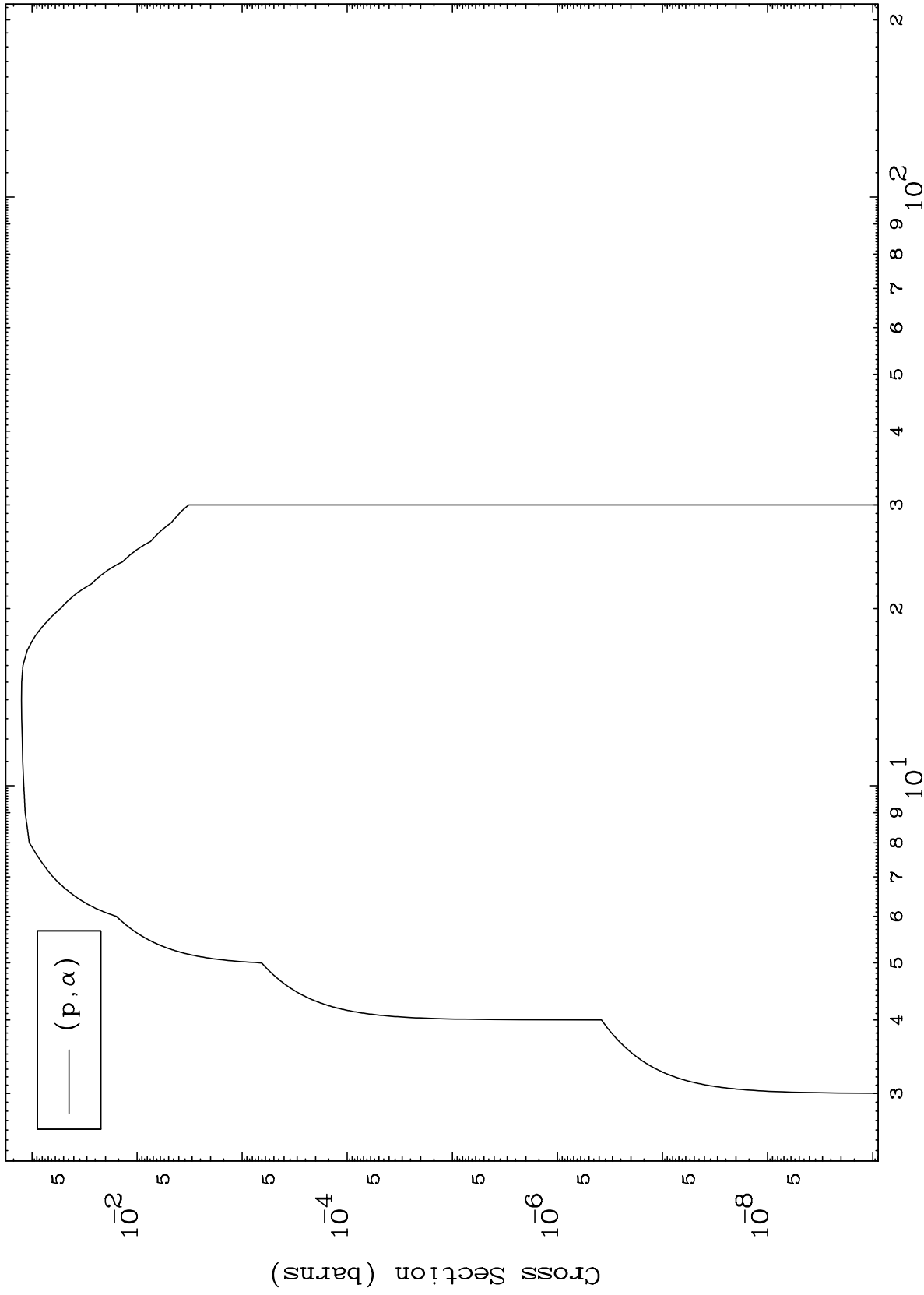
Incident Energy (MeV)

14-Si-30

MAT 1431

14-Si-30

(p,α) Levels
0 Kelvin Cross Sections



10

Incident Energy (MeV)

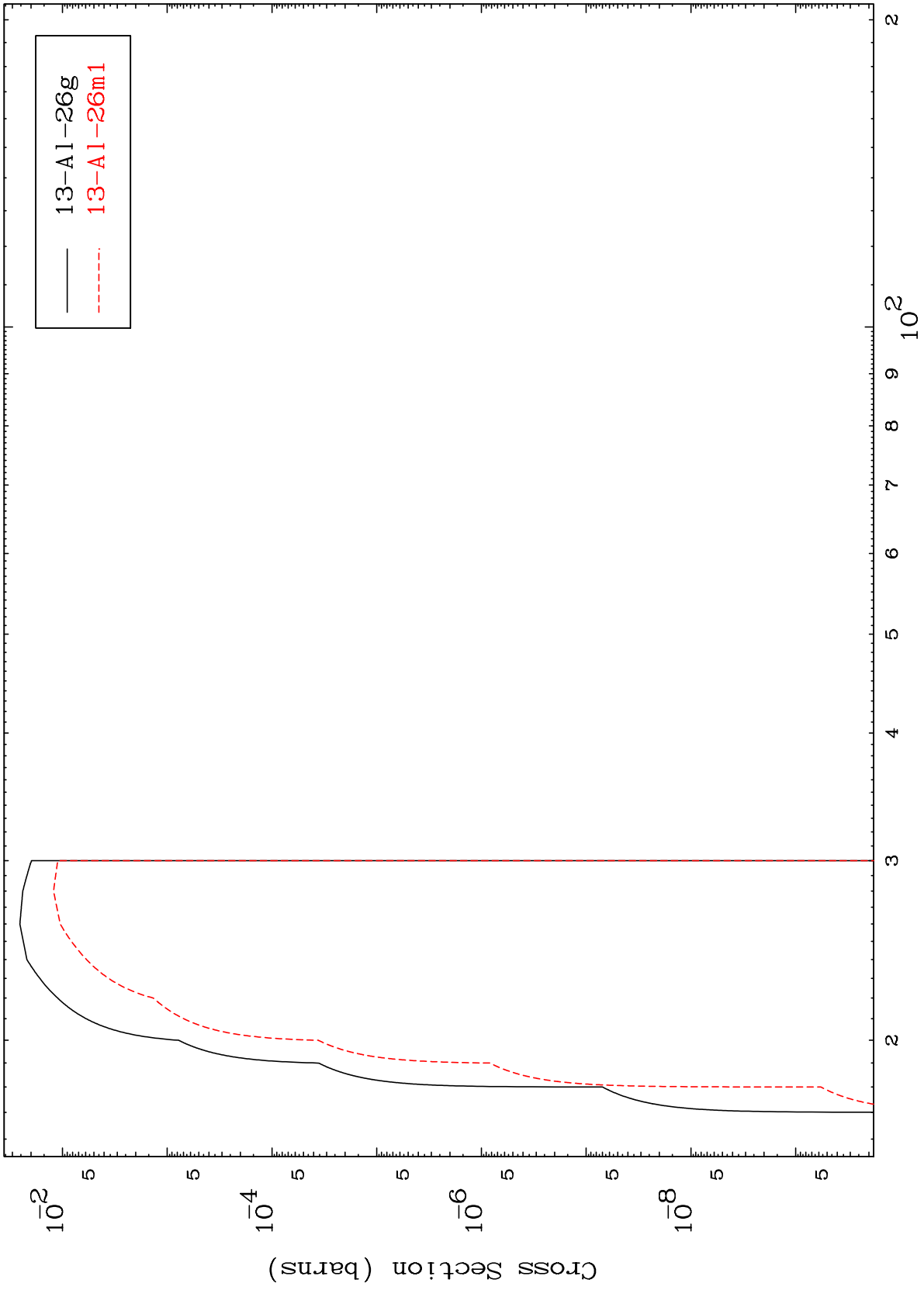
14-Si-30

MAT 1431

(p,n') α

$^{14}\text{Si-30}$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

$^{14}\text{Si-30}$