

Program EVALPLOT
(Version 2021-1)

by

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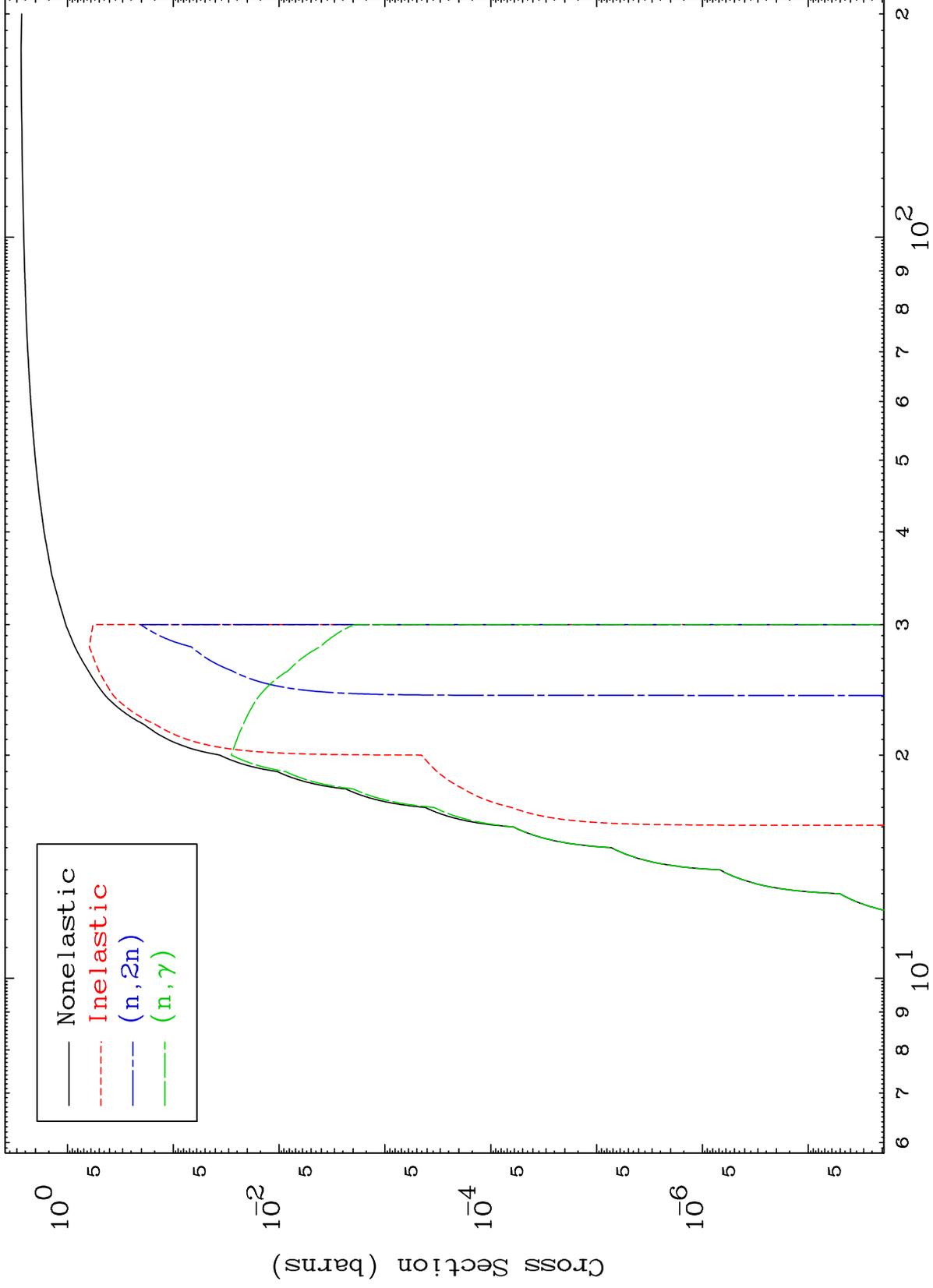
Press Mouse Button to Start

MAT 8201

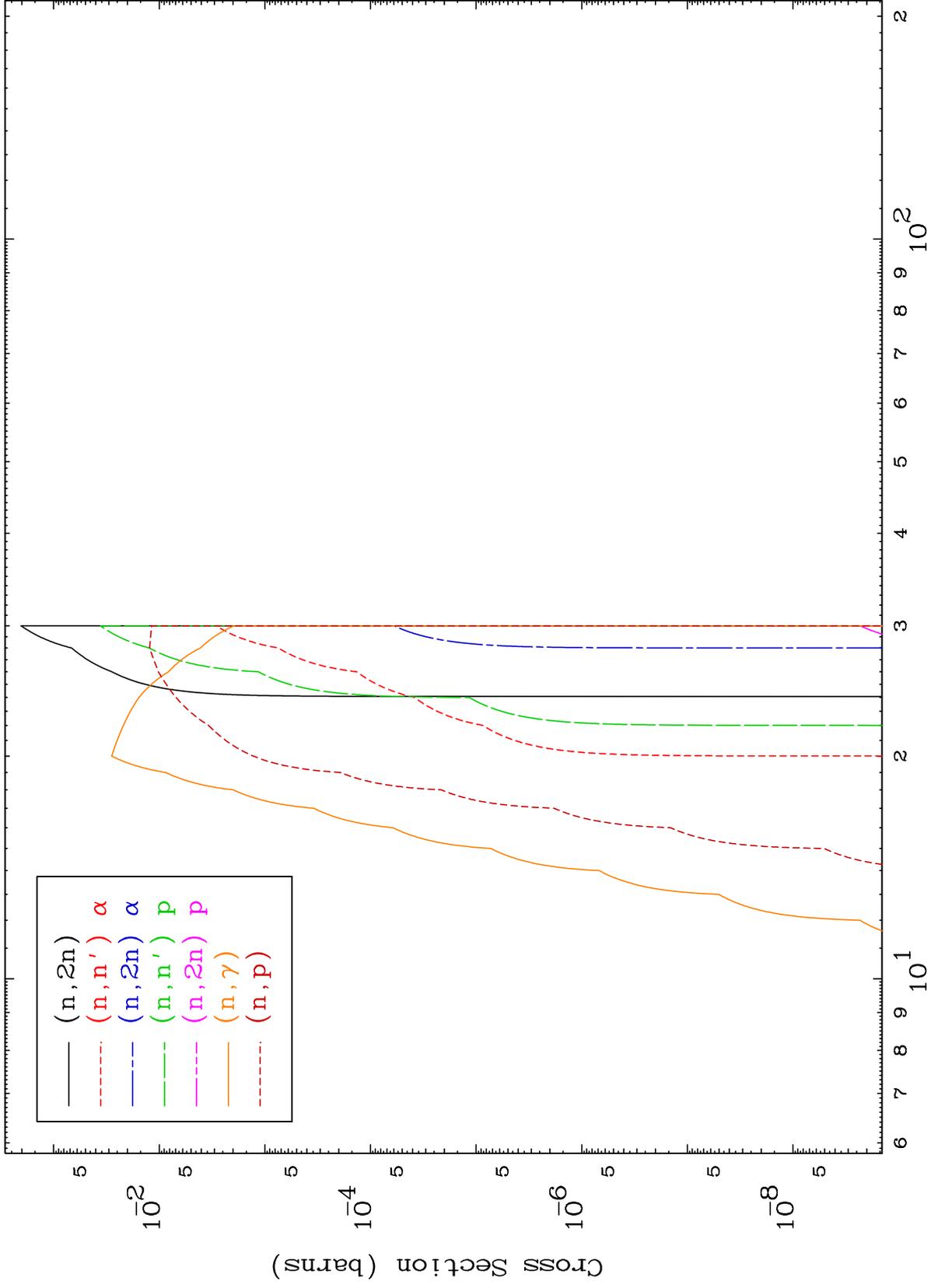
0 Kelvin Cross Sections

α Major

82-Pb-196



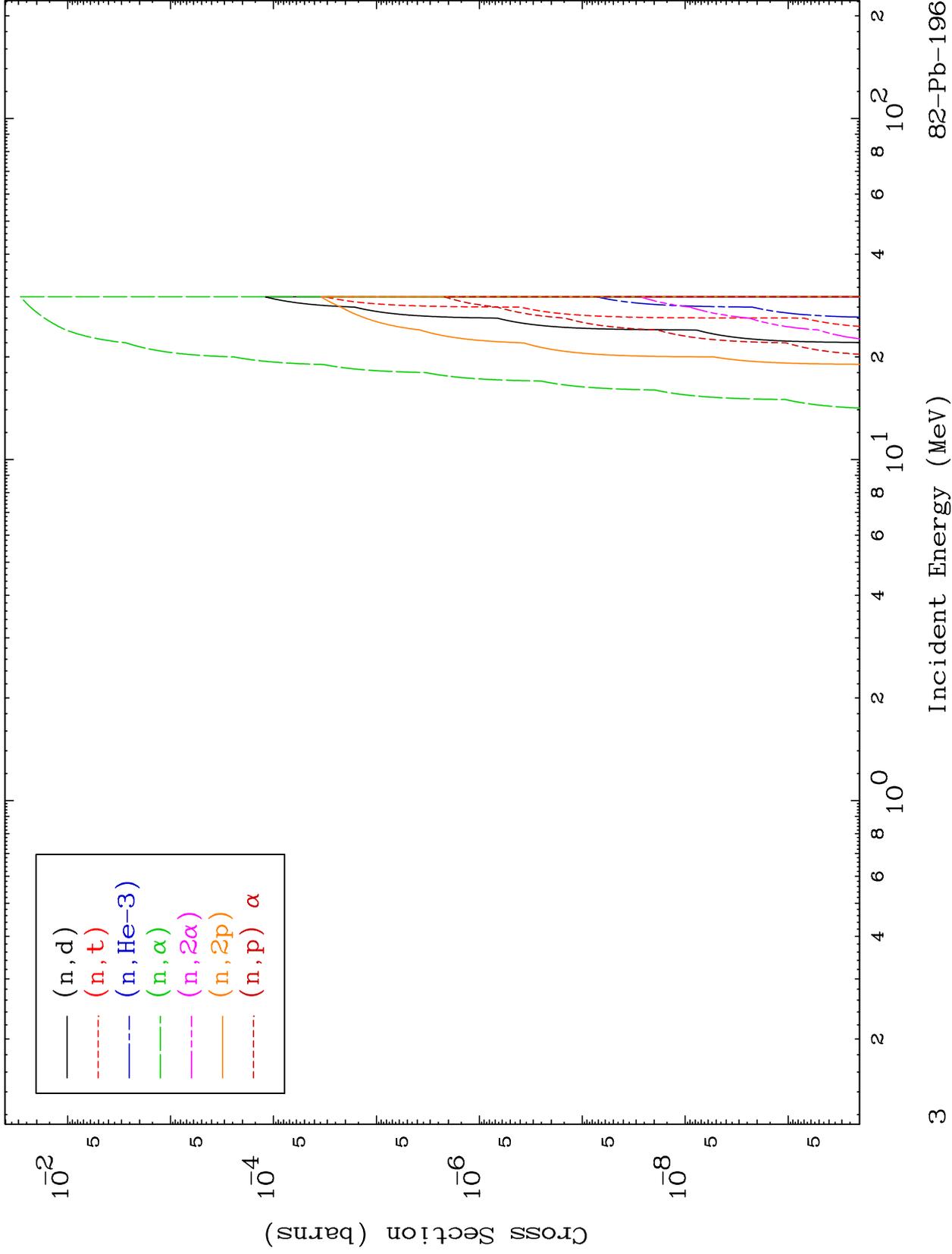
Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, γ)



MAT 8201

α Neutron Absorption
0 Kelvin Cross Sections

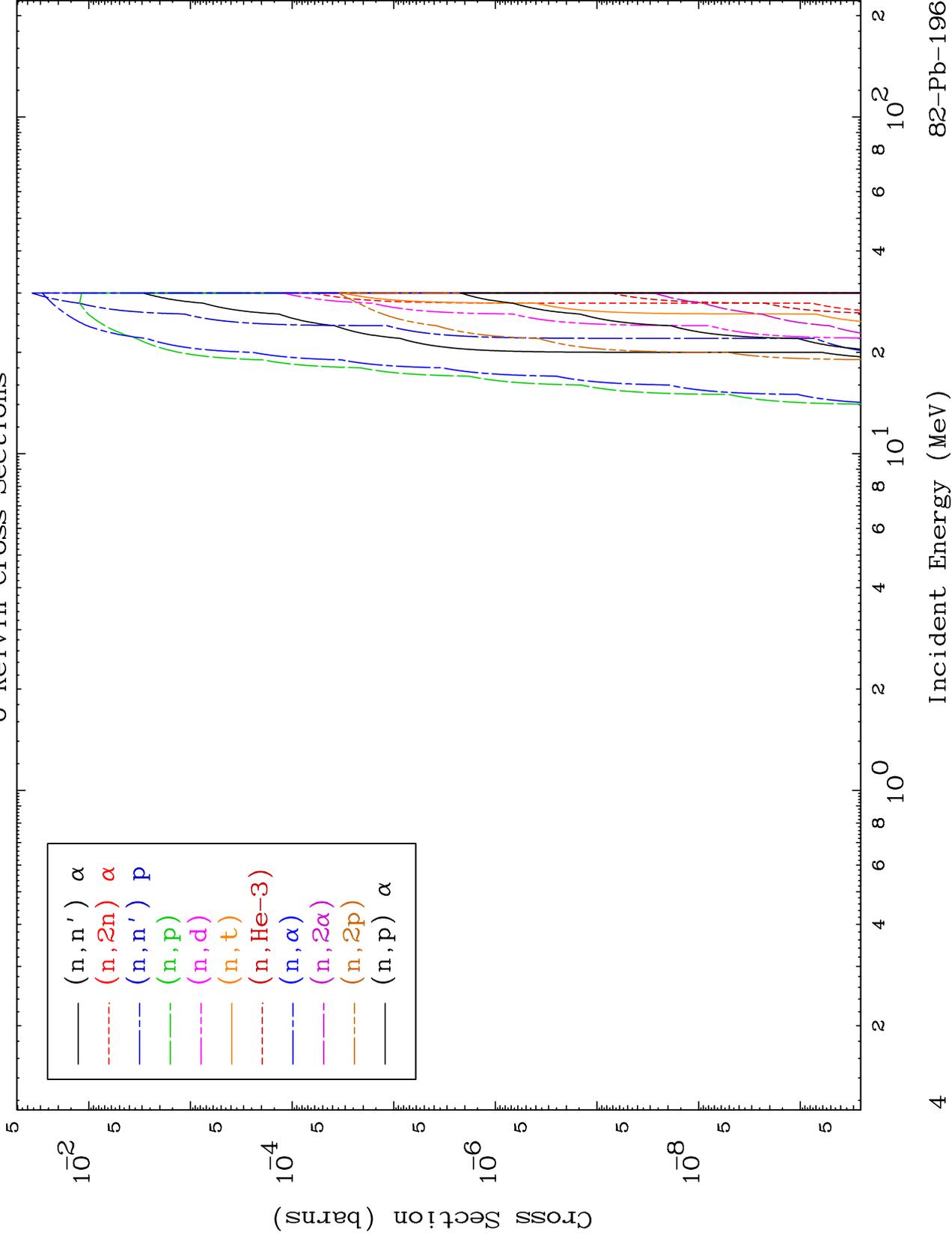
82-Pb-196



MAT 8201

α Charged Particle
0 Kelvin Cross Sections

82-Pb-196

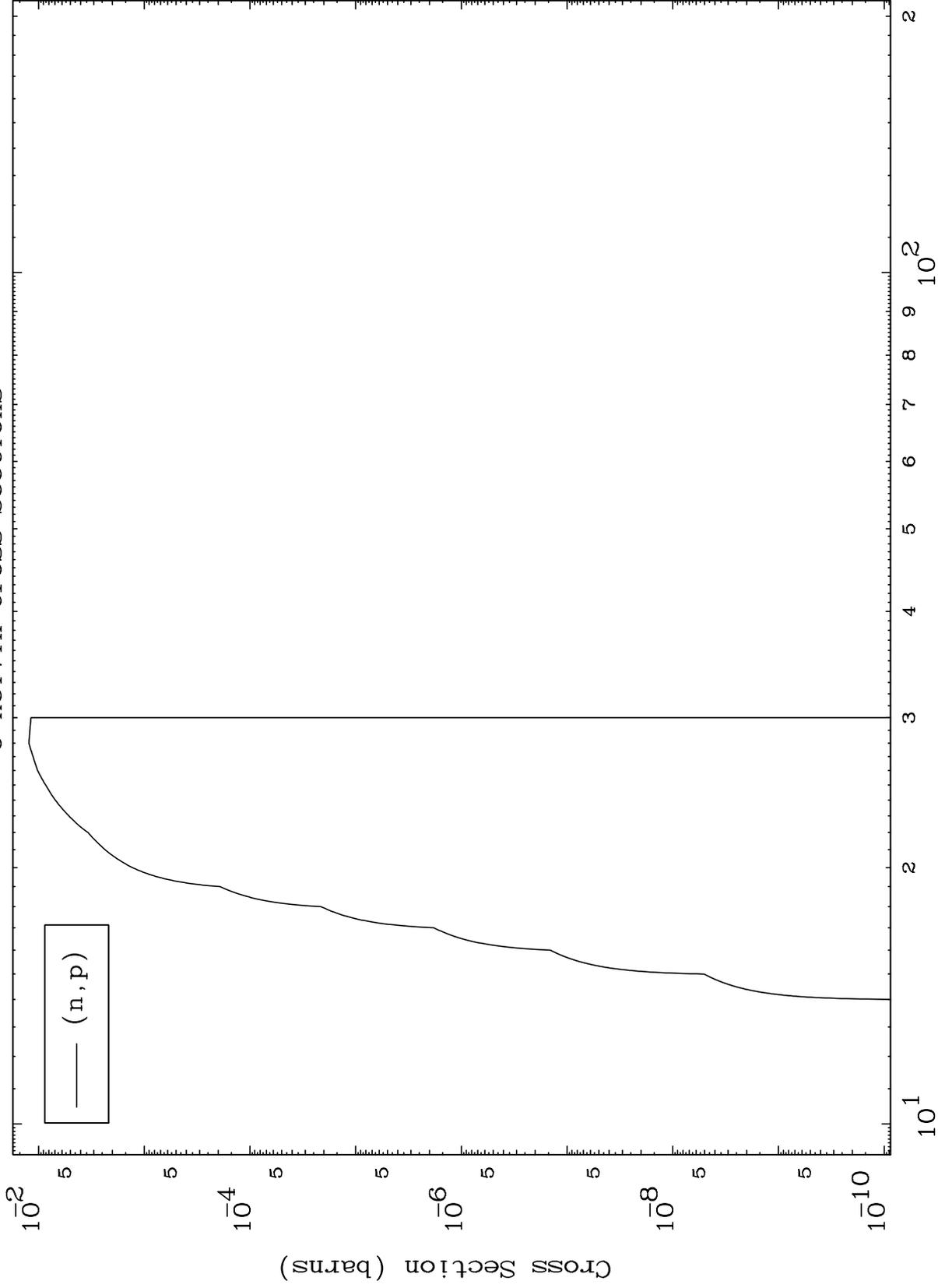


MAT 8201

(α, p) Levels

82-Pb-196

0 Kelvin Cross Sections



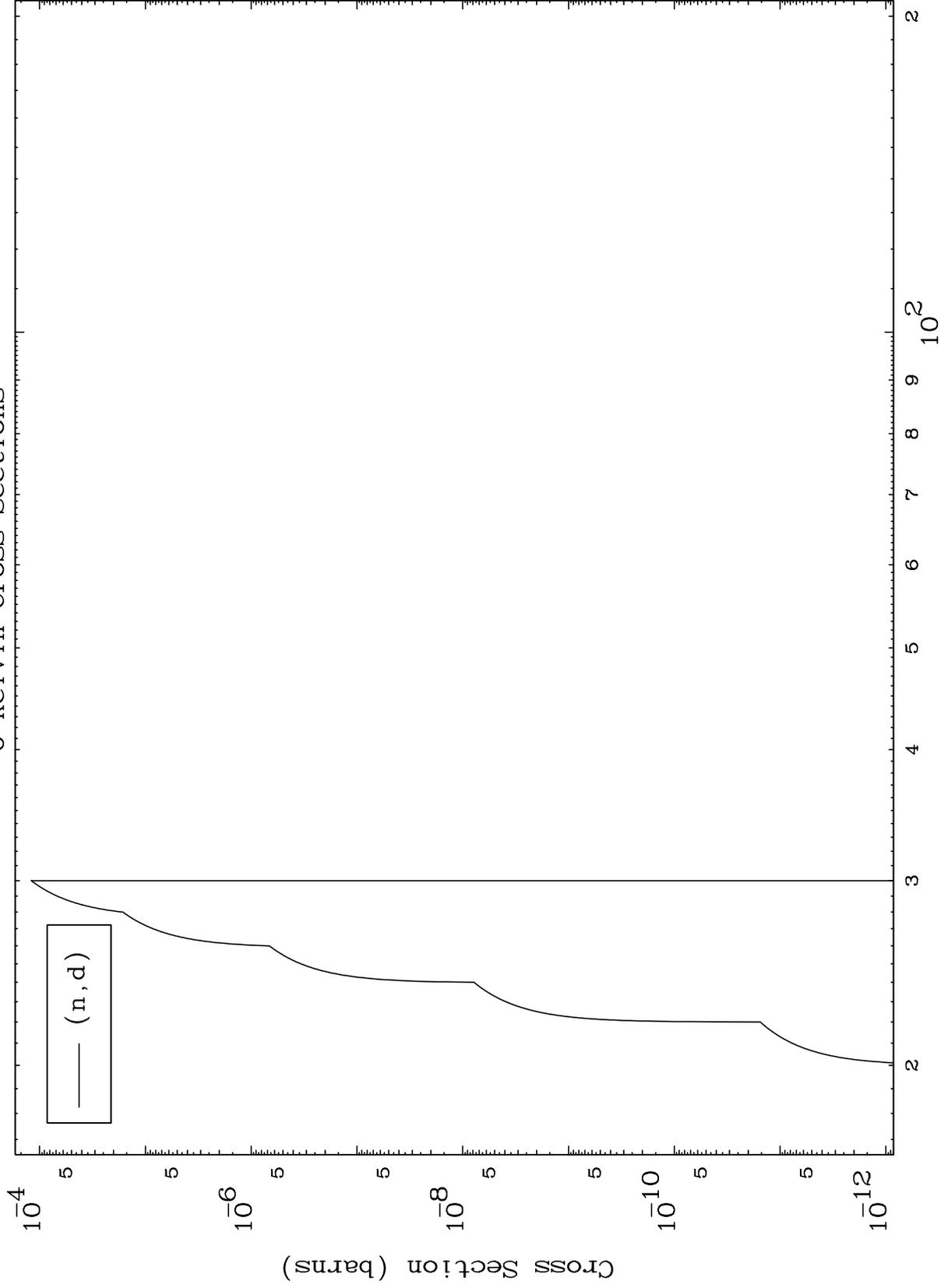
Incident Energy (MeV)

82-Pb-196

MAT 8201

(α, d) Levels
0 Kelvin Cross Sections

82-Pb-196



6

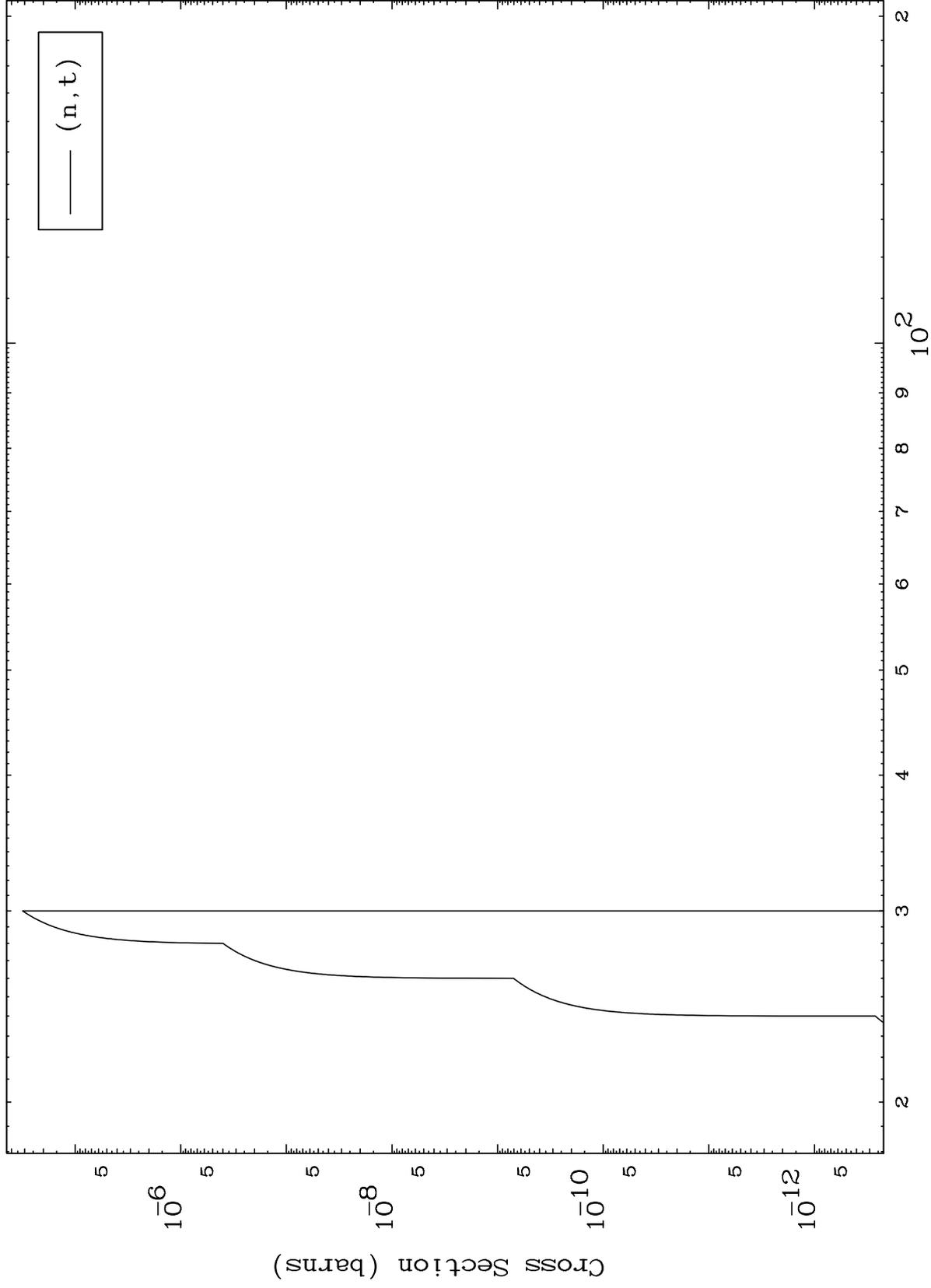
Incident Energy (MeV)

82-Pb-196

MAT 8201

(α, t) Levels
0 Kelvin Cross Sections

82-Pb-196



7

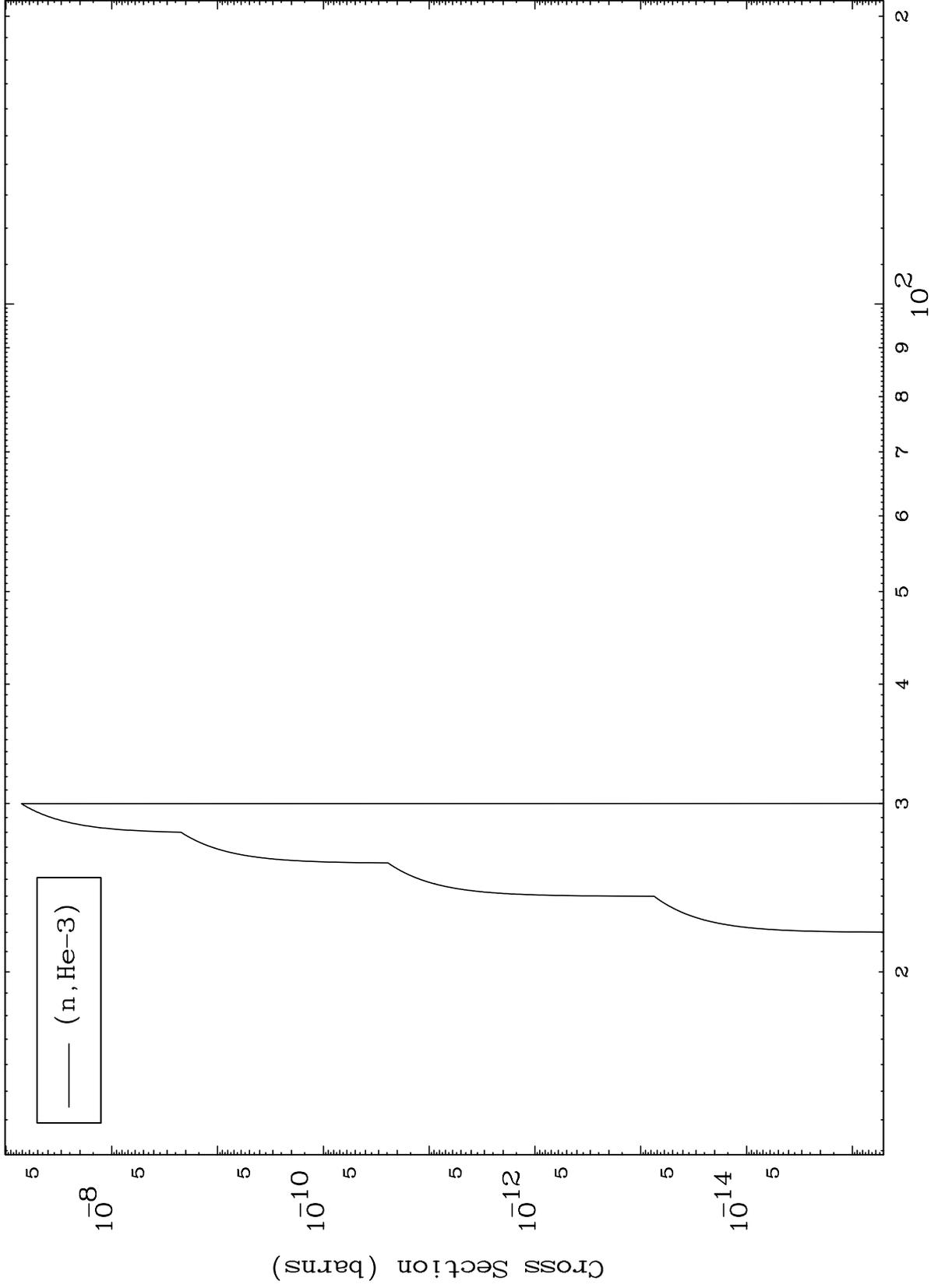
Incident Energy (MeV)

82-Pb-196

MAT 8201

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

82-Pb-196



8

Incident Energy (MeV)

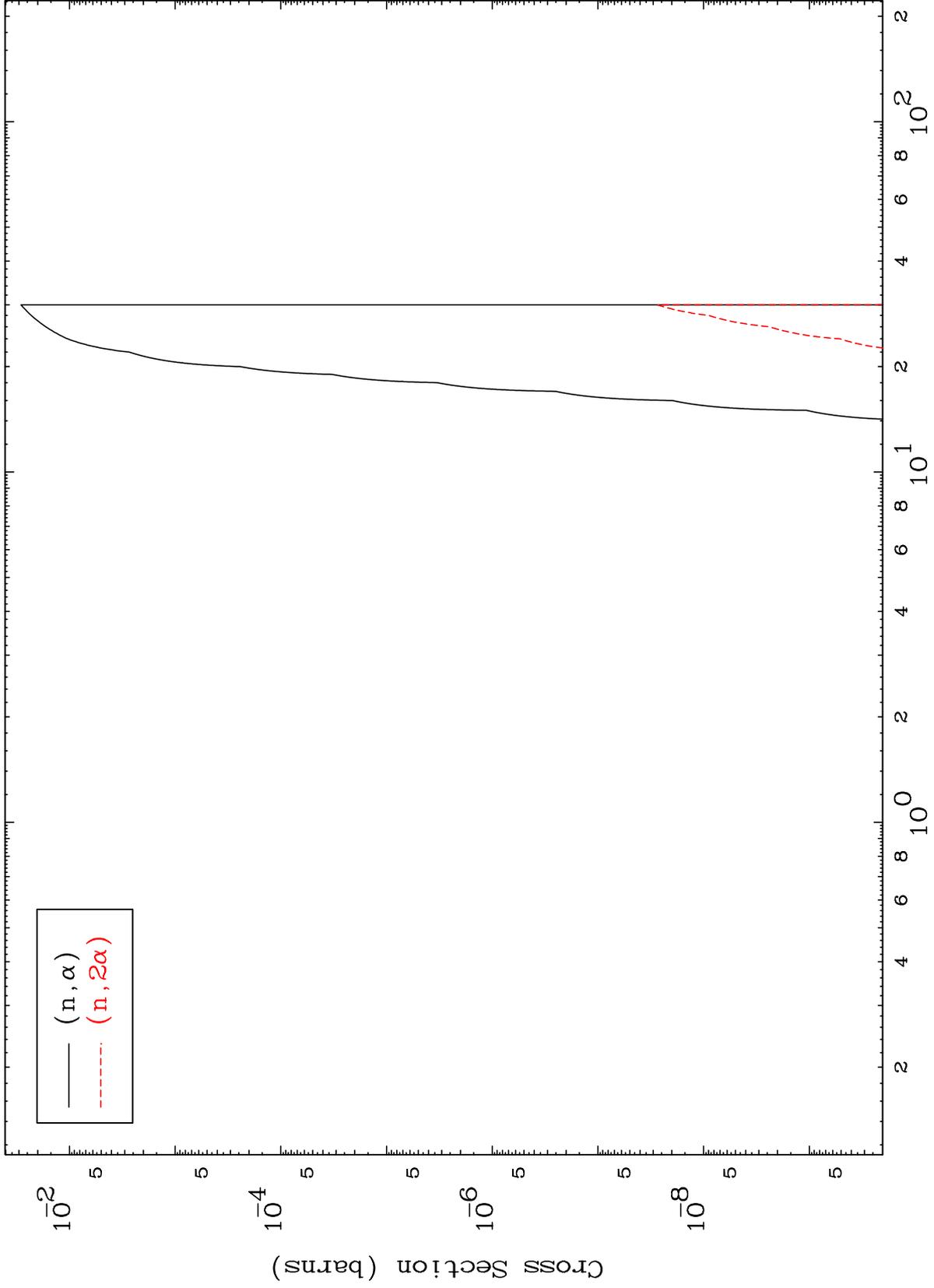
82-Pb-196

MAT 8201

(α, α) Levels

82-Pb-196

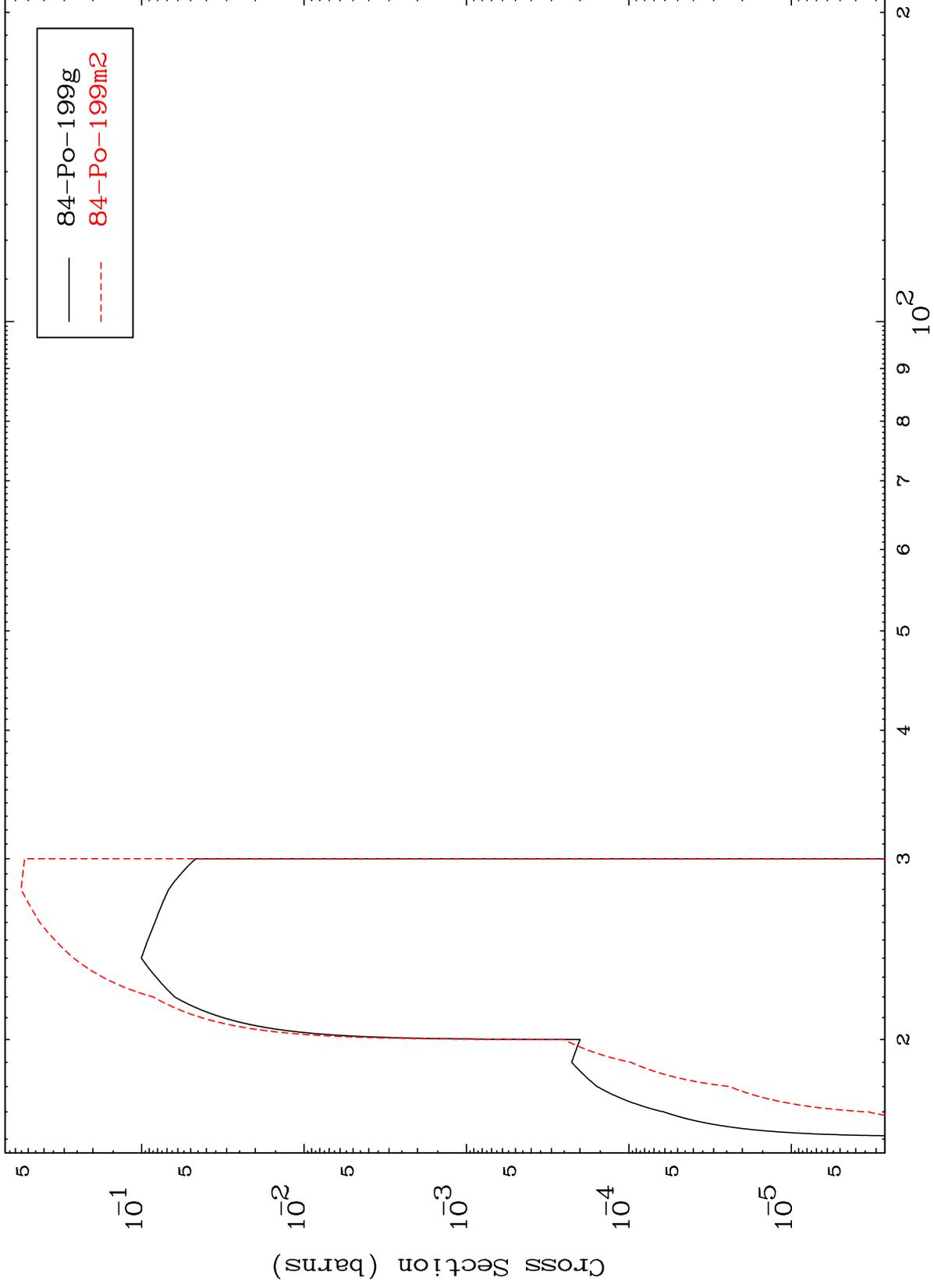
0 Kelvin Cross Sections



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82-Pb-196

Inelastic
Radionuclide Production Cross Section



82-Pb-196

Incident Energy (MeV)

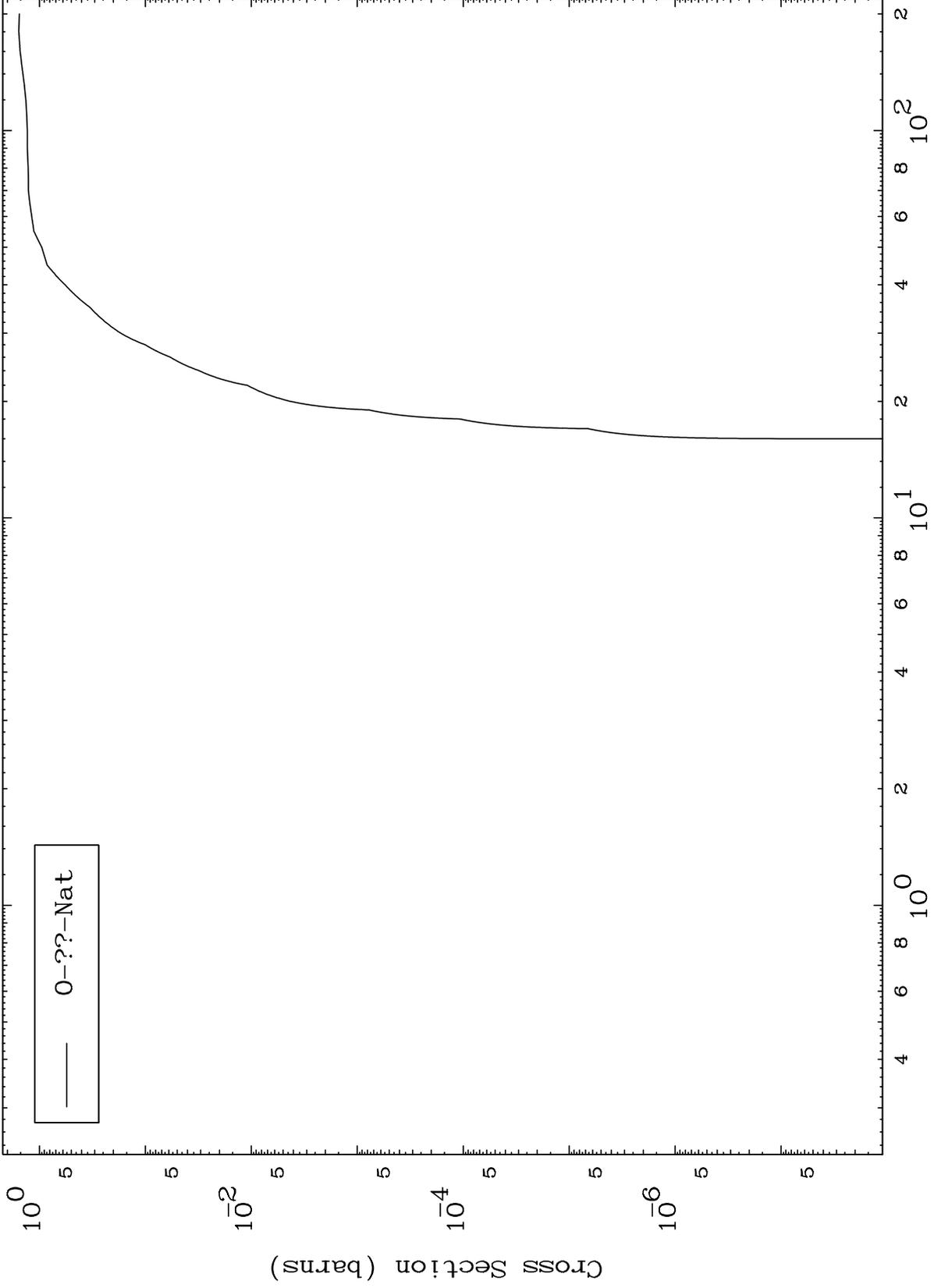
10

MAT 8201

Fission

82-Pb-196

Radionuclide Production Cross Section

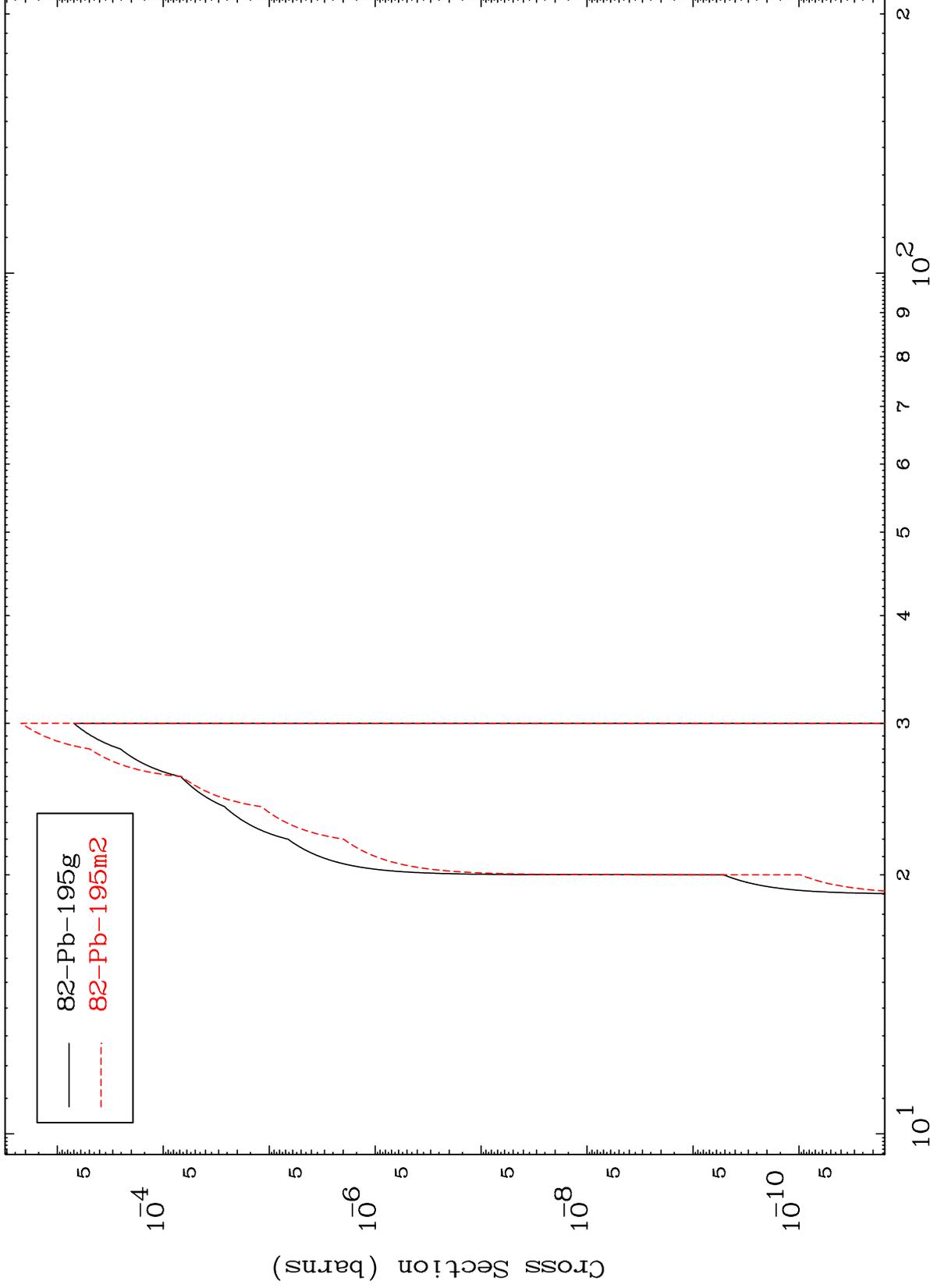


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(n,n') α

82-Pb-196

Radionuclide Production Cross Section



10¹

Incident Energy (MeV)

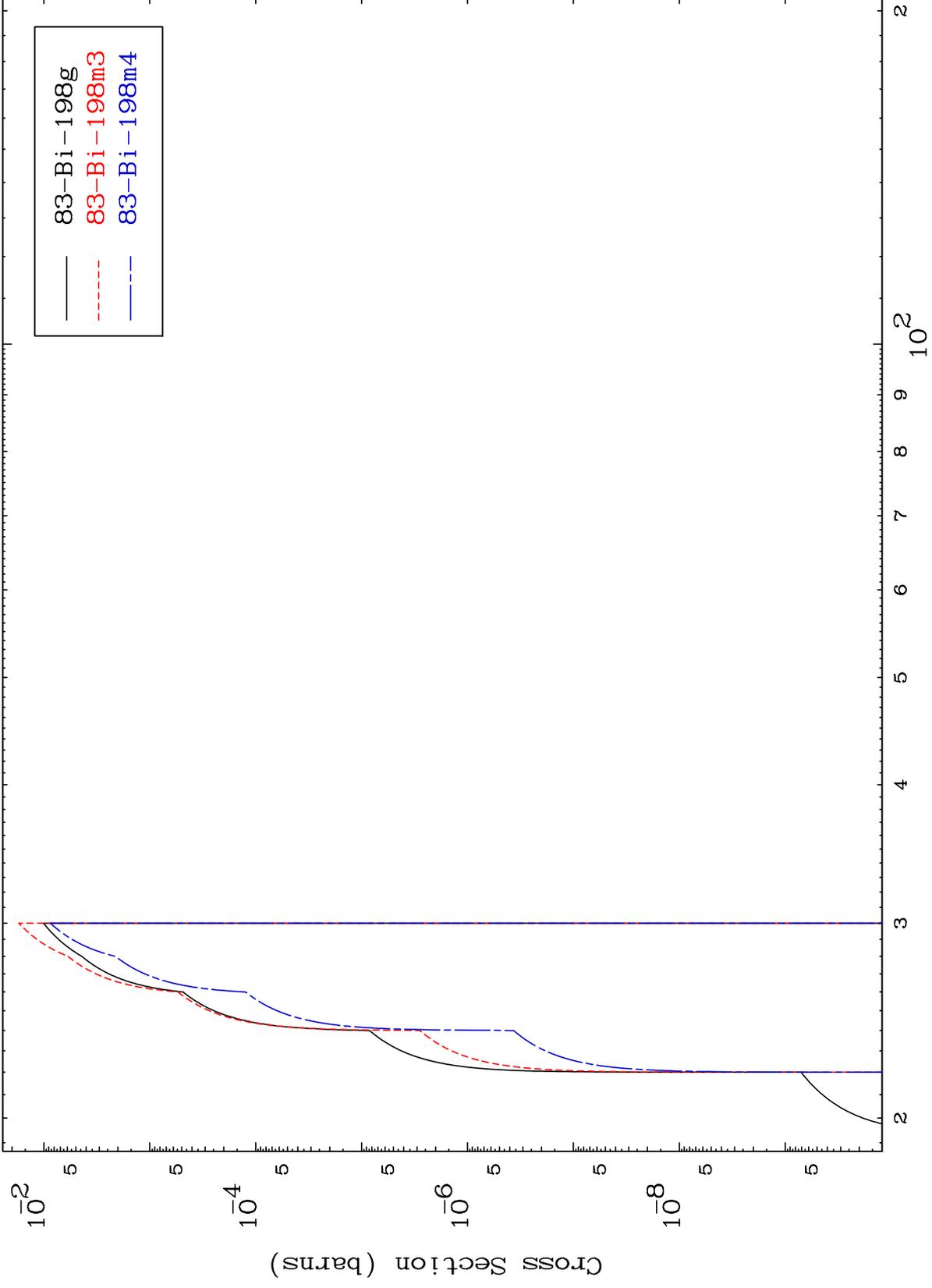
82-Pb-196

MAT 8201

(n, n') p

82-Pb-196

Radionuclide Production Cross Section



13

Incident Energy (MeV)

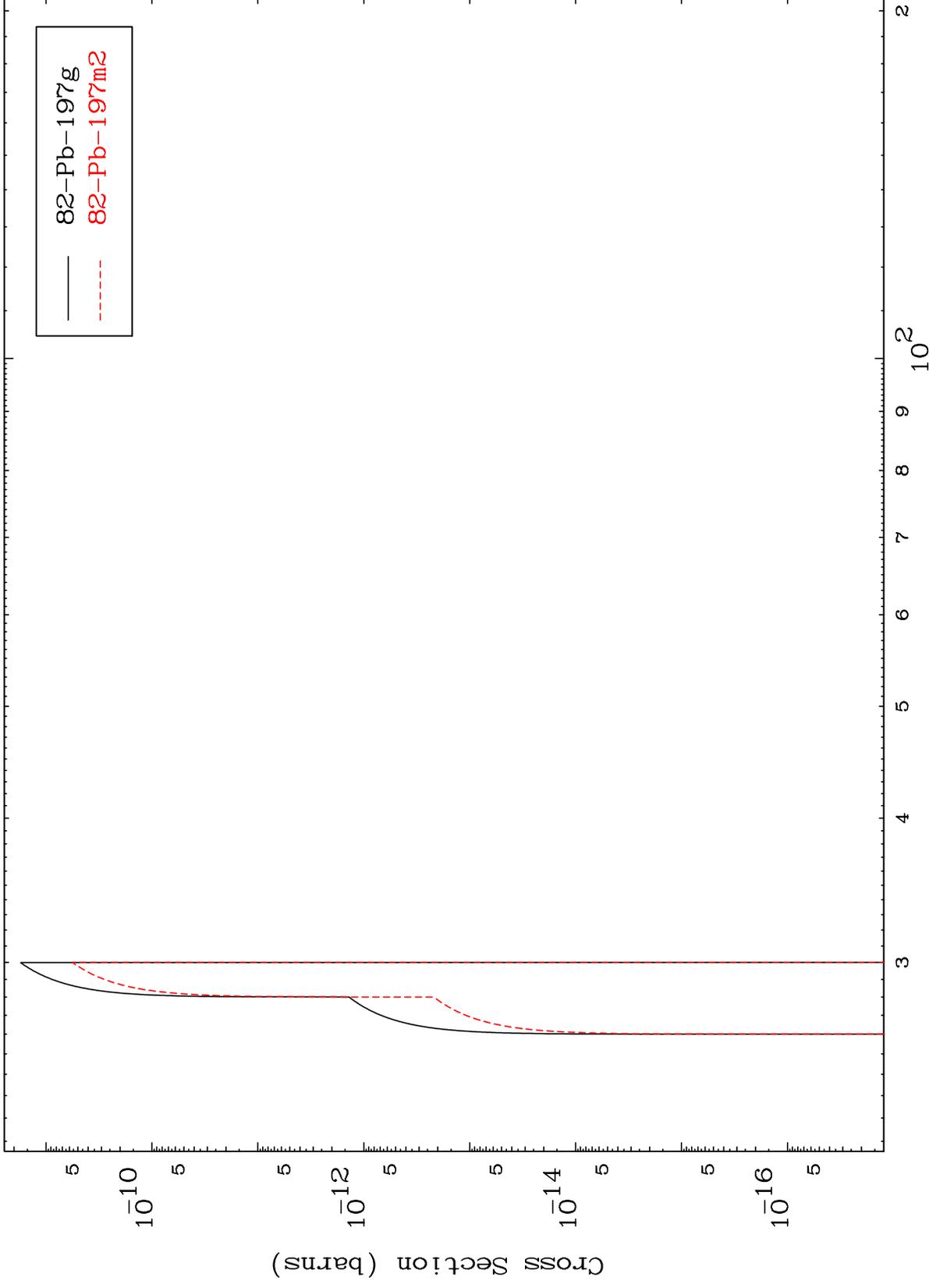
82-Pb-196

MAT 8201

(n,2n) p

82-Pb-196

Radionuclide Production Cross Section



14

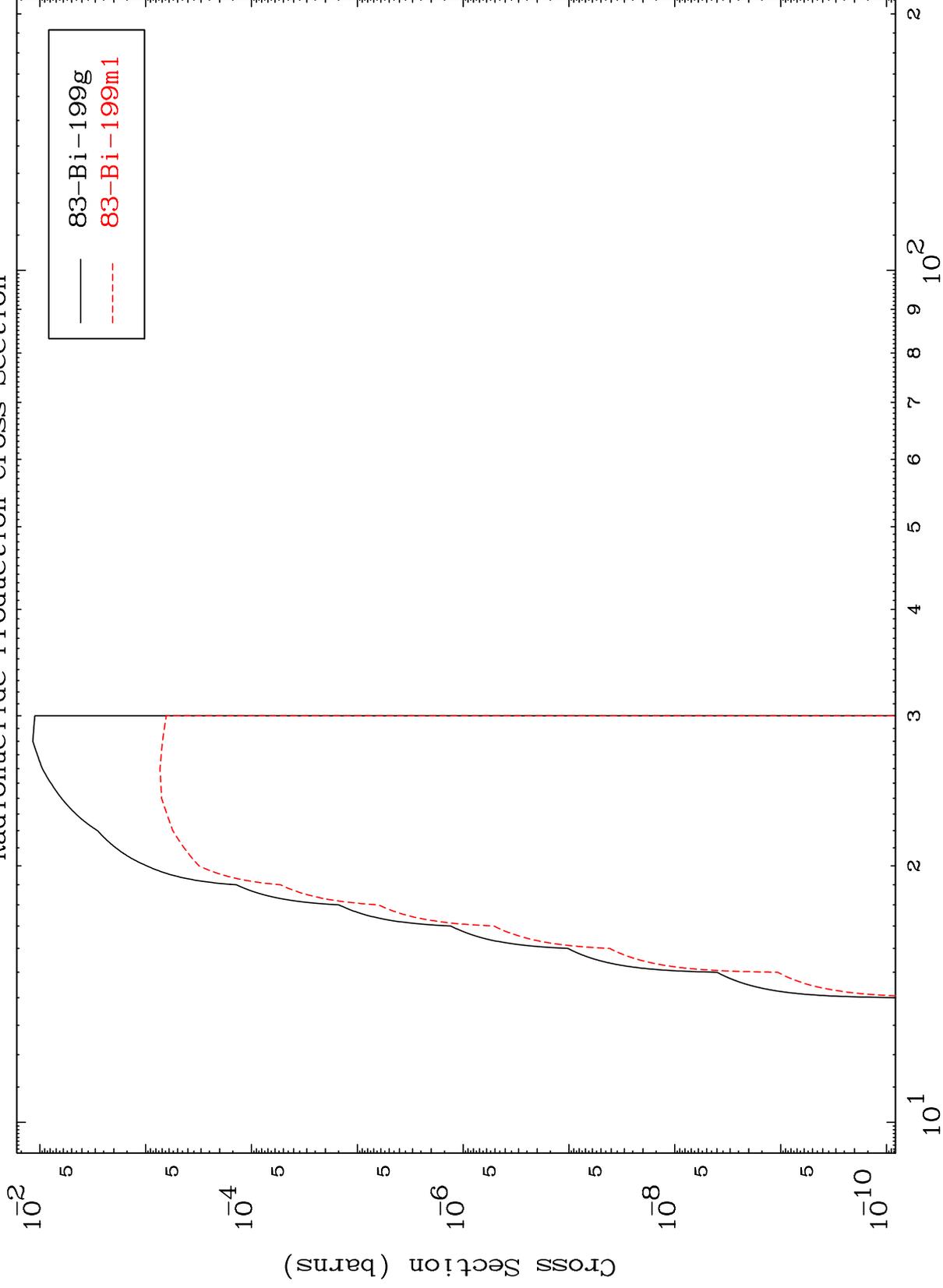
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

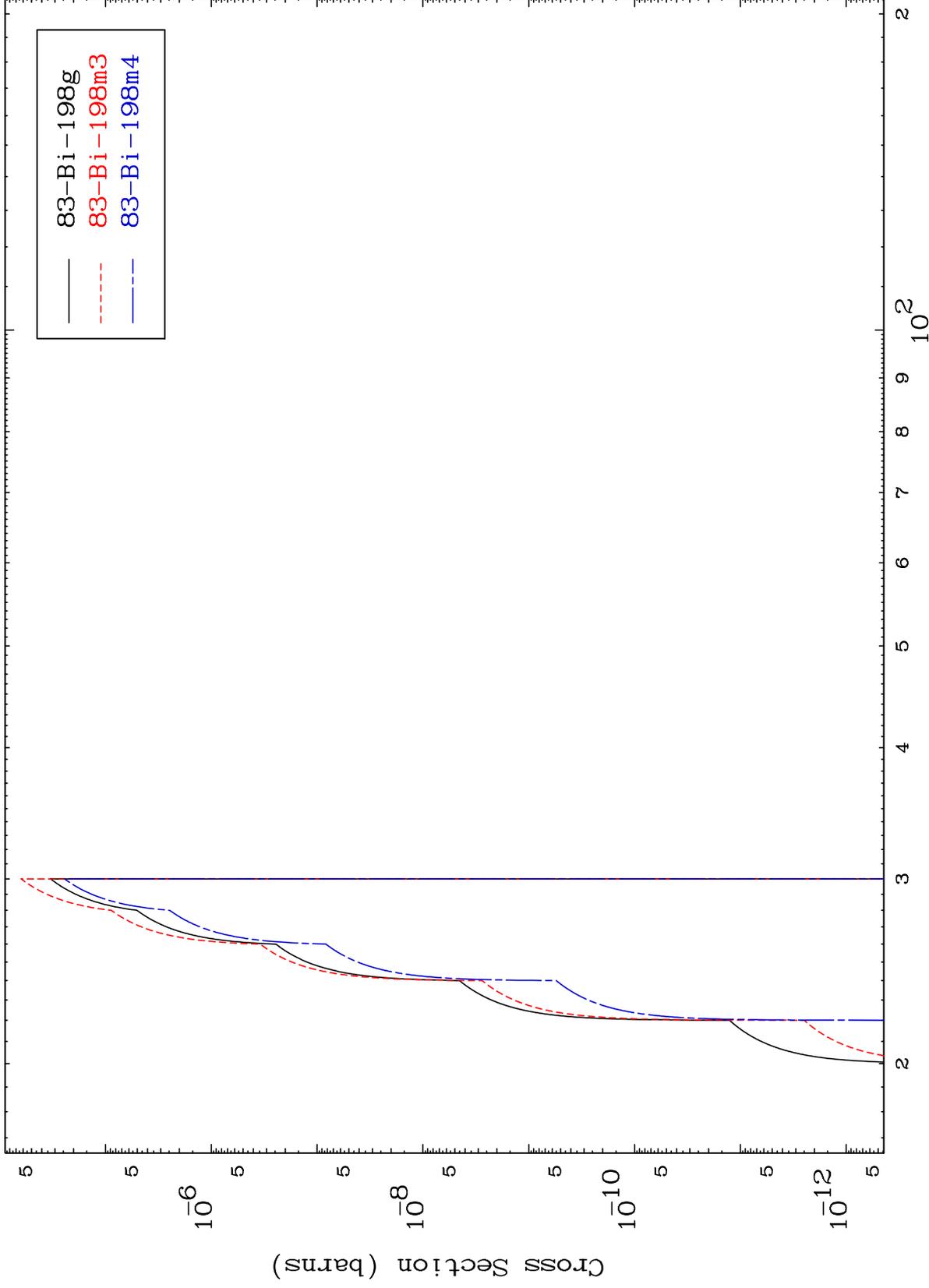
(n,p)
Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-196

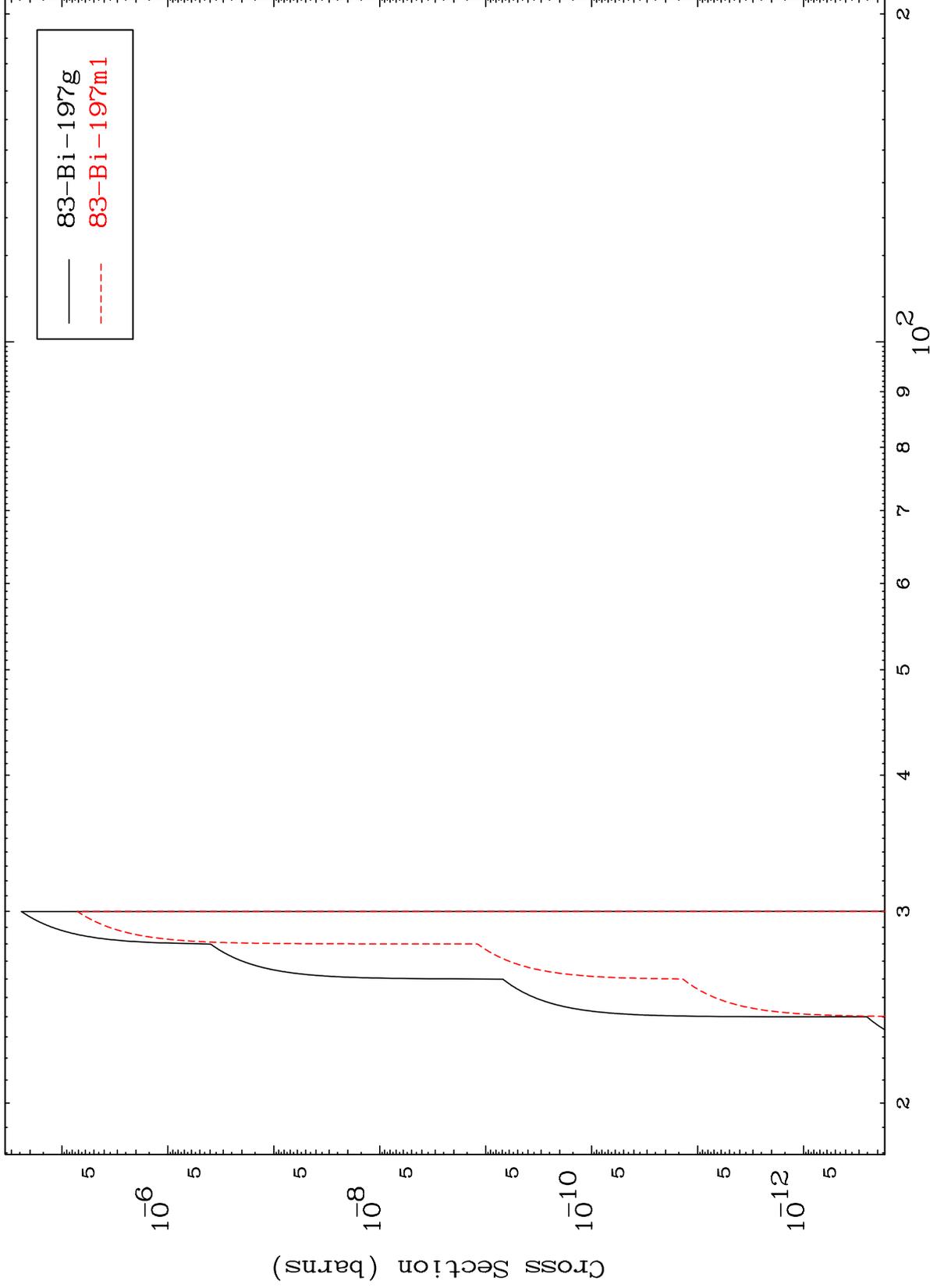
(n,d)
Radionuclide Production Cross Section



MAT 8201

82-Pb-196

(n,t)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

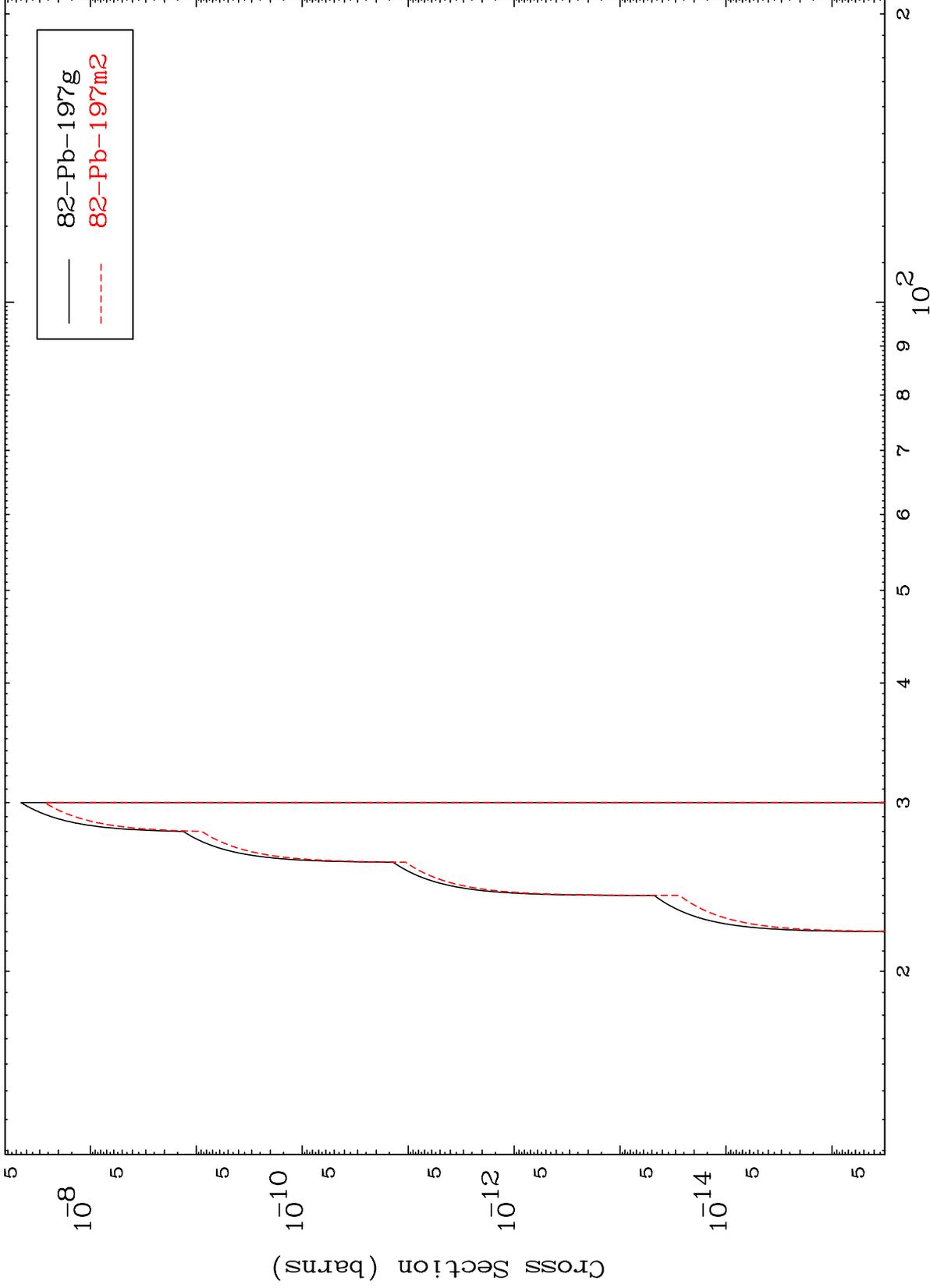
82-Pb-196

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(n,He-3)

82-Pb-196

Radionuclide Production Cross Section



18

Incident Energy (MeV)

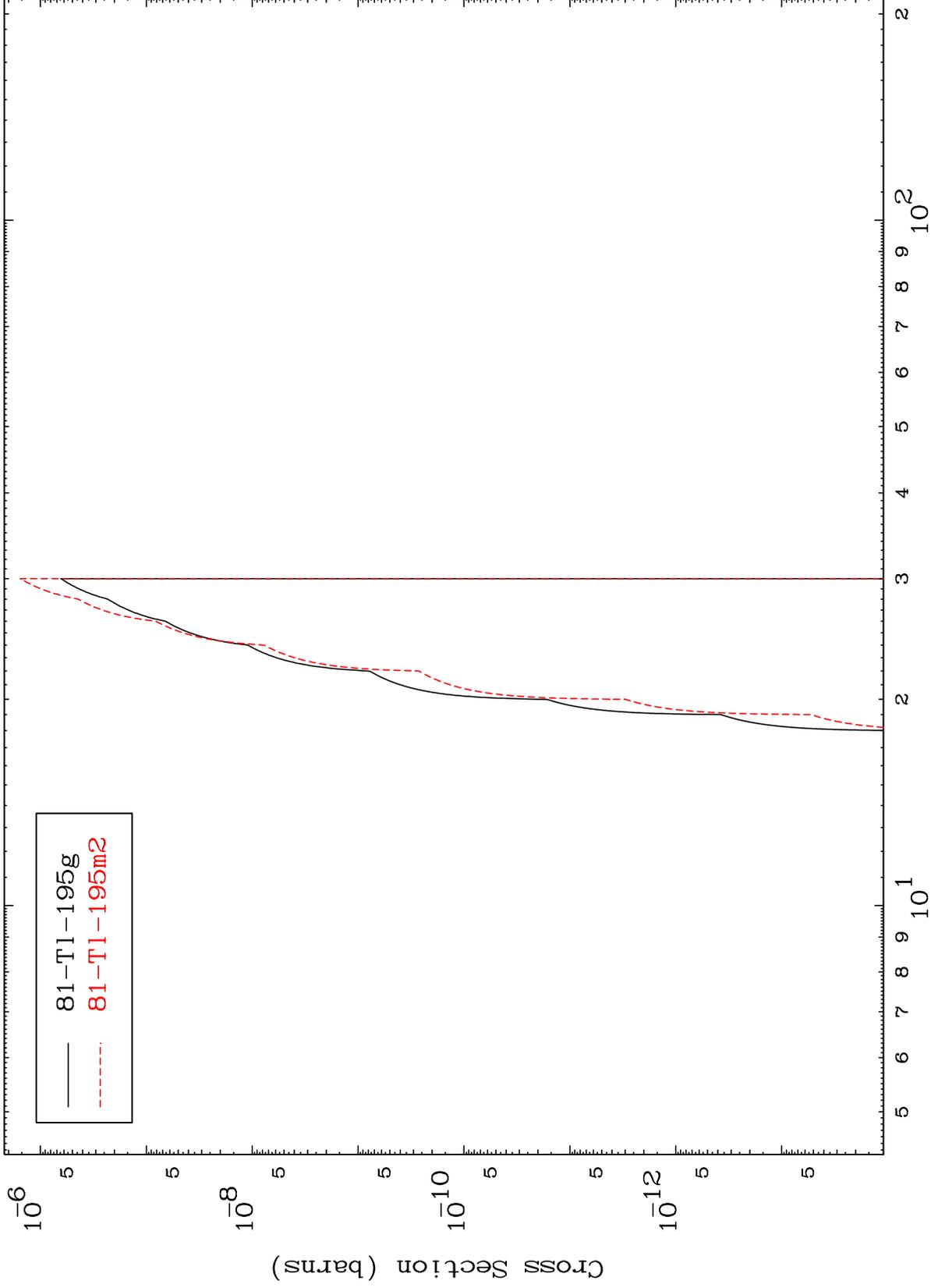
82-Pb-196

MAT 8201

(n,p) α

82-Pb-196

Radionuclide Production Cross Section



19

Incident Energy (MeV)

82-Pb-196