

Program EVALPLOT
(Version 2021-1)

by

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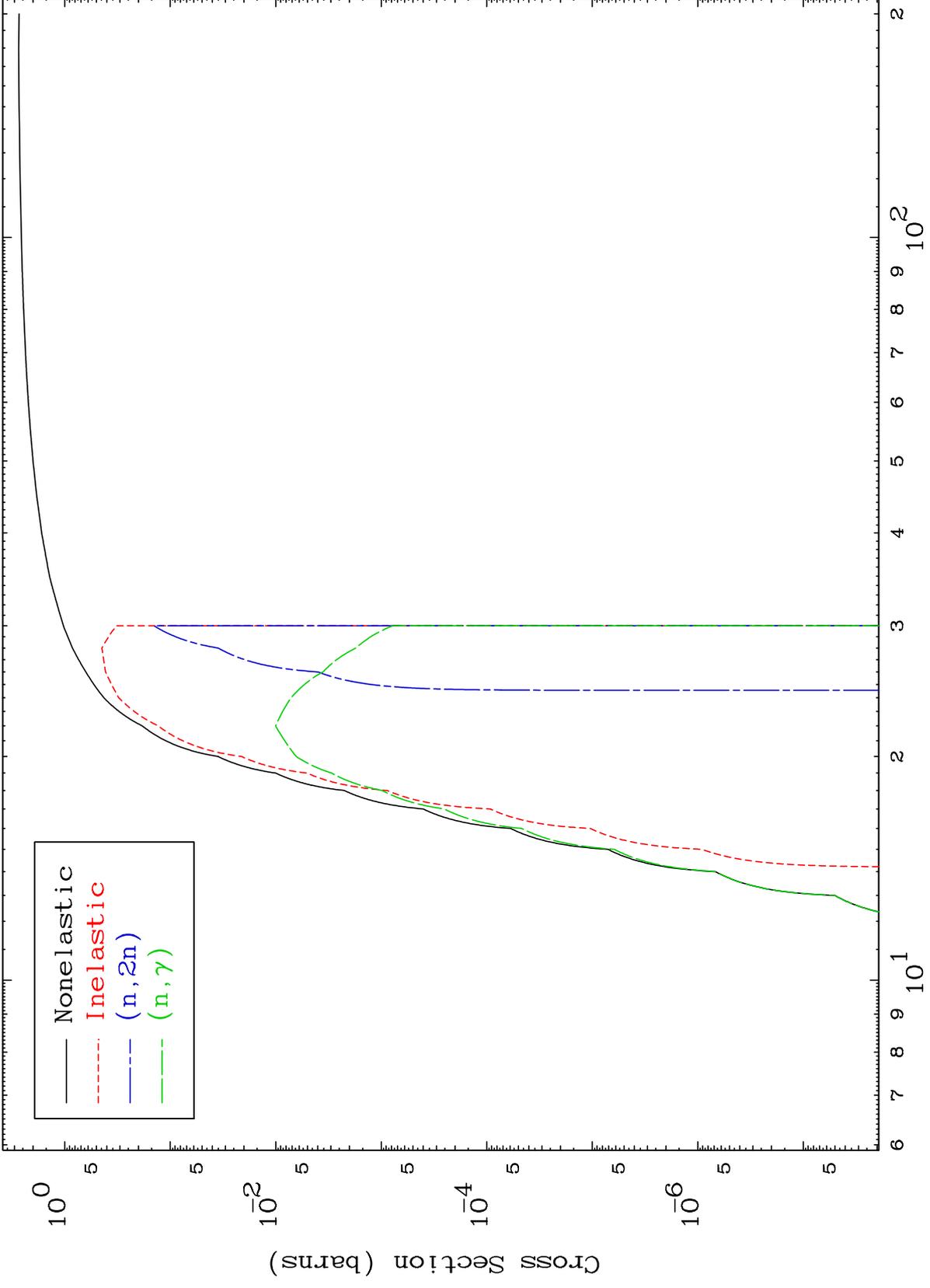
Press Mouse Button to Start

MAT 8198

α Major

82-Pb-195

0 Kelvin Cross Sections

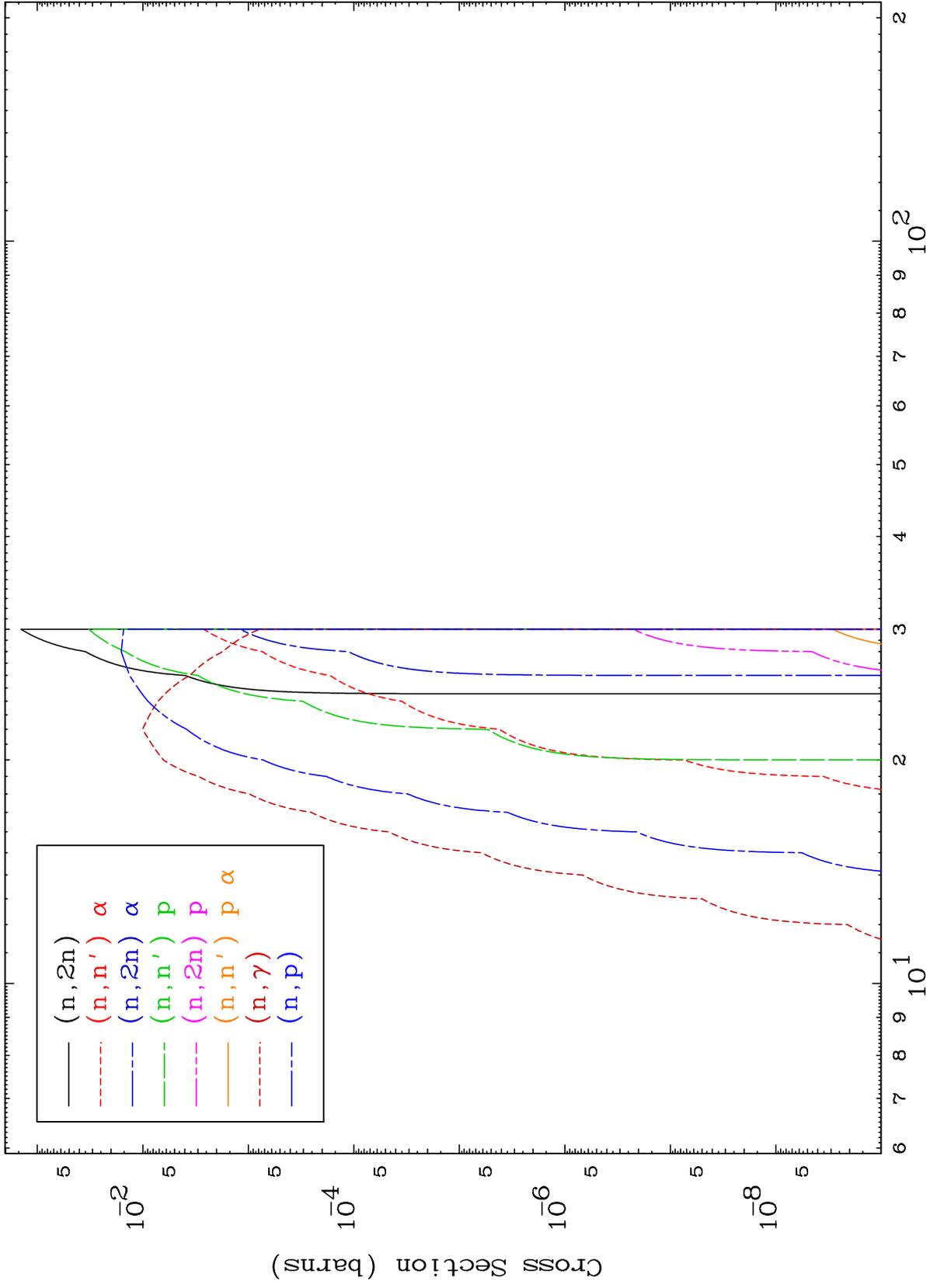


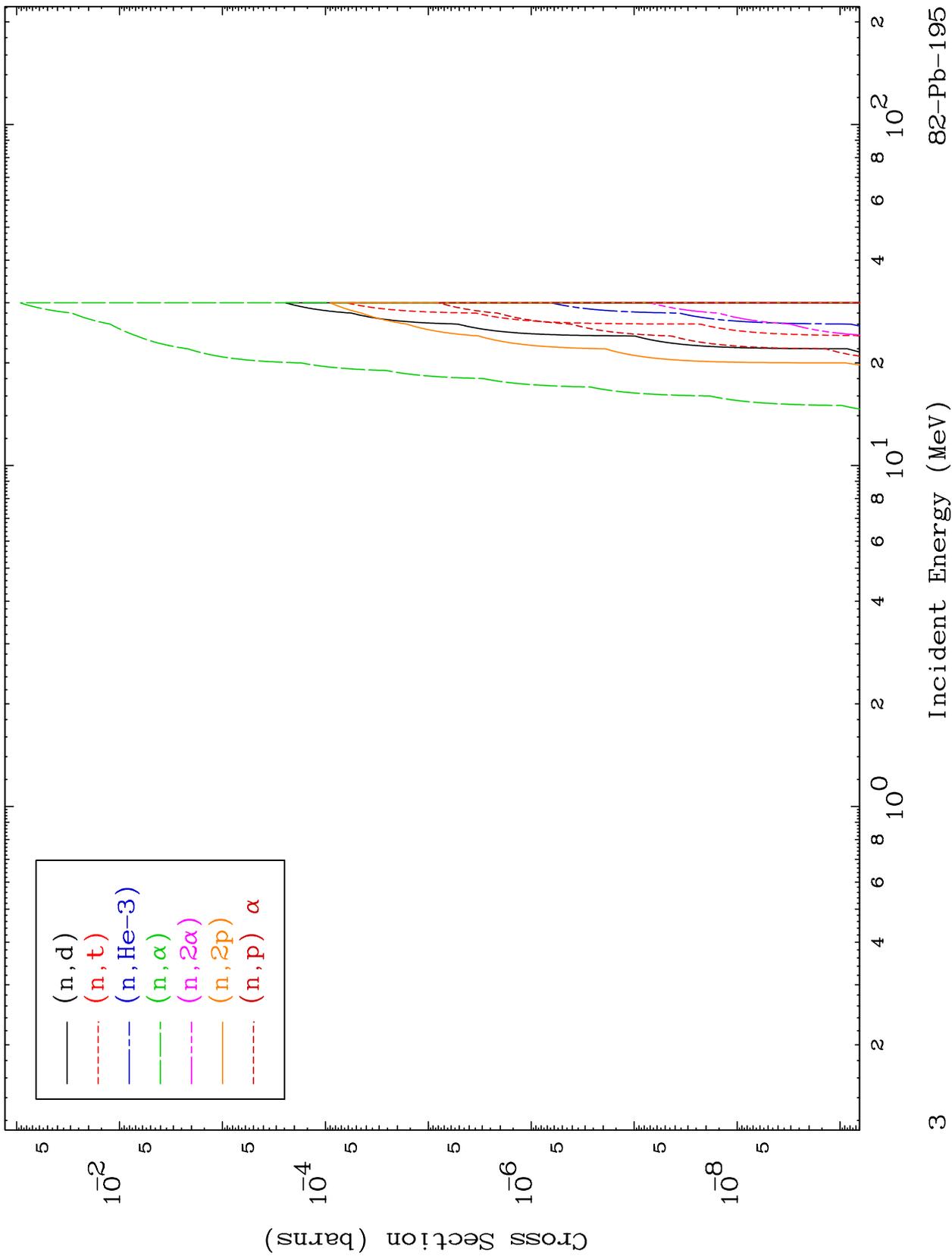
Legend:
— Nonelastic
- - - Inelastic
- - - $(n, 2n)$
- - - (n, γ)

1

Incident Energy (MeV)

82-Pb-195

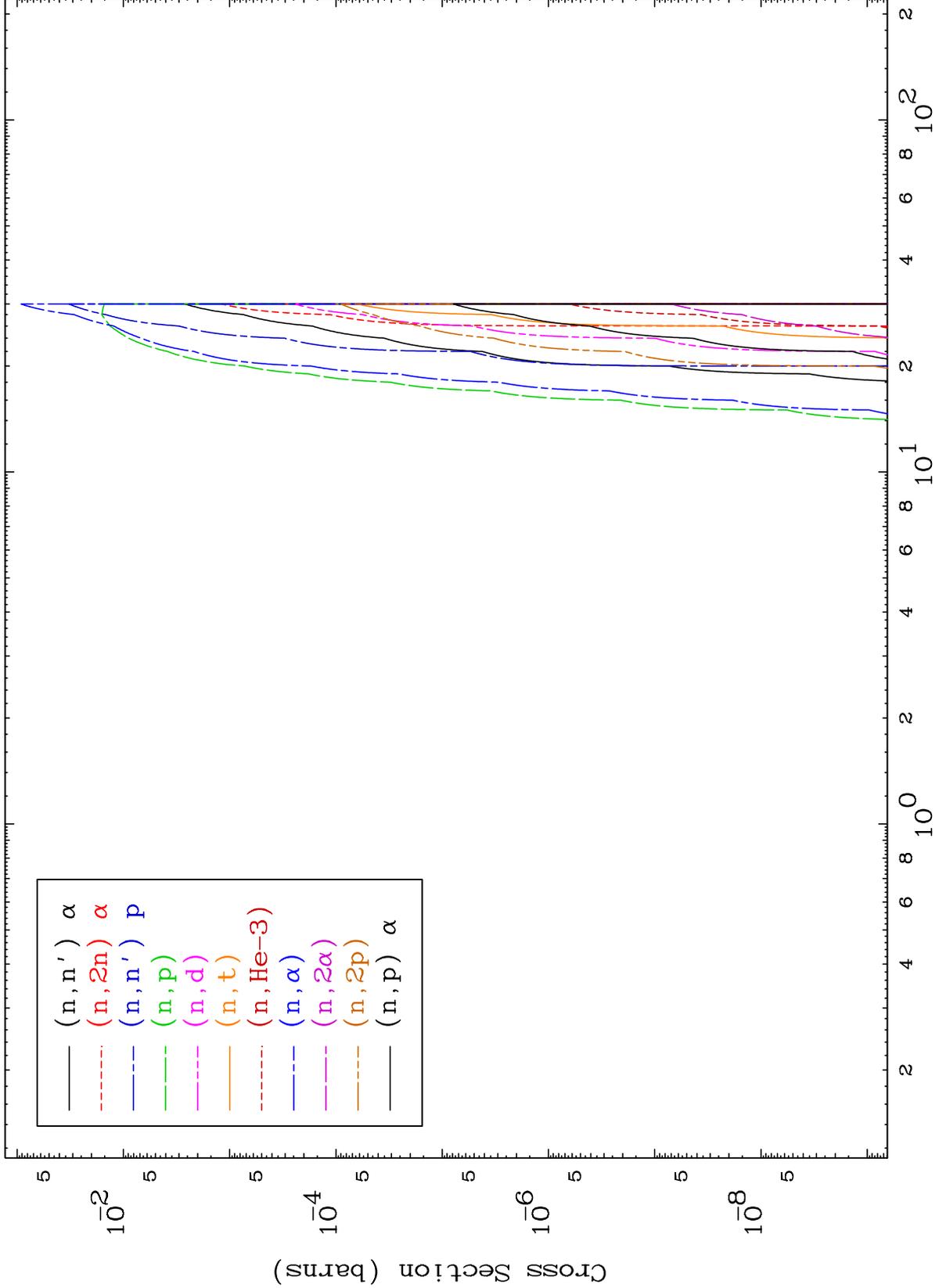




MAT 8198

α Charged Particle
0 Kelvin Cross Sections

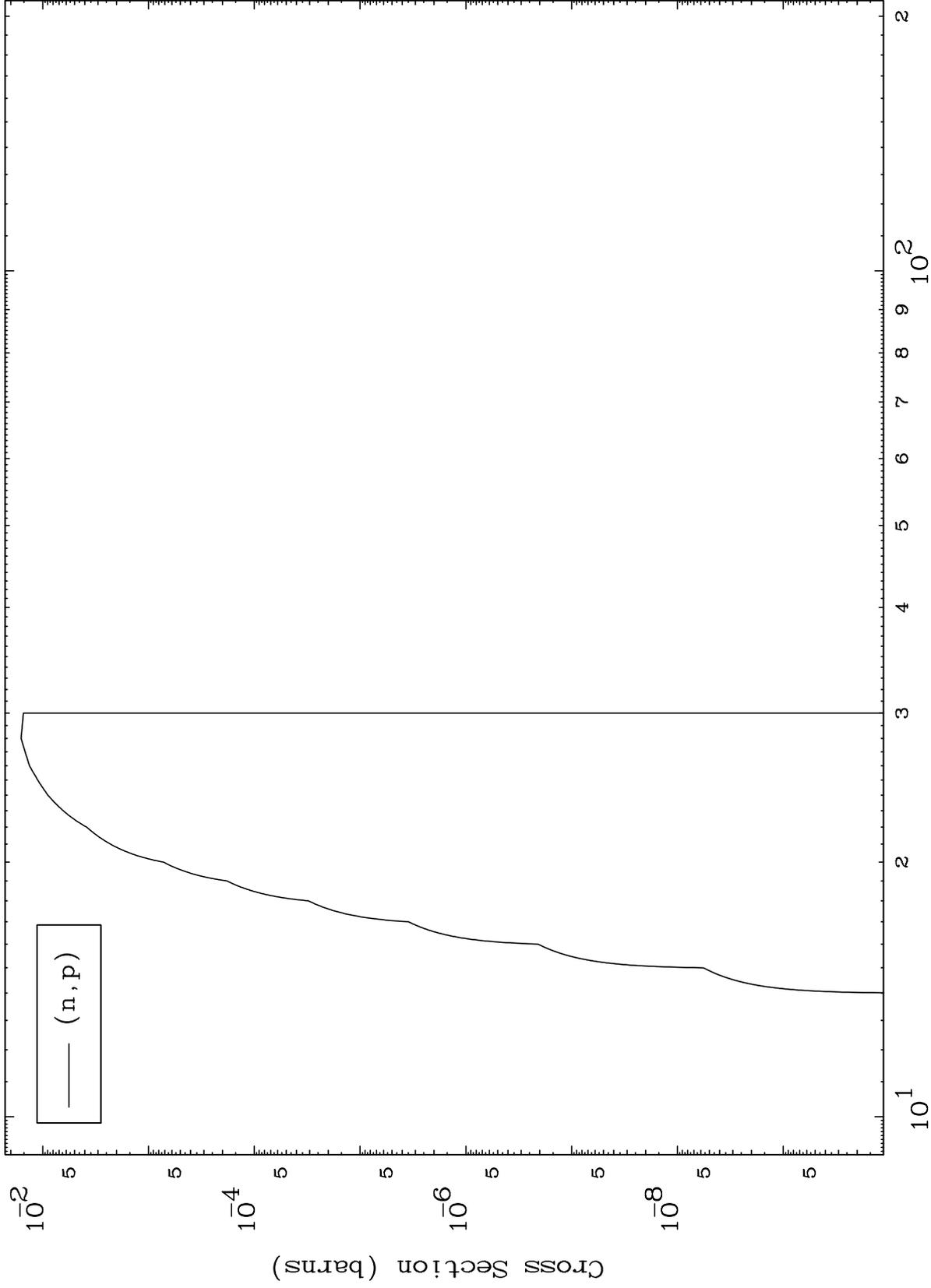
82-Pb-195



MAT 8198

(α, p) Levels
0 Kelvin Cross Sections

82-Pb-195



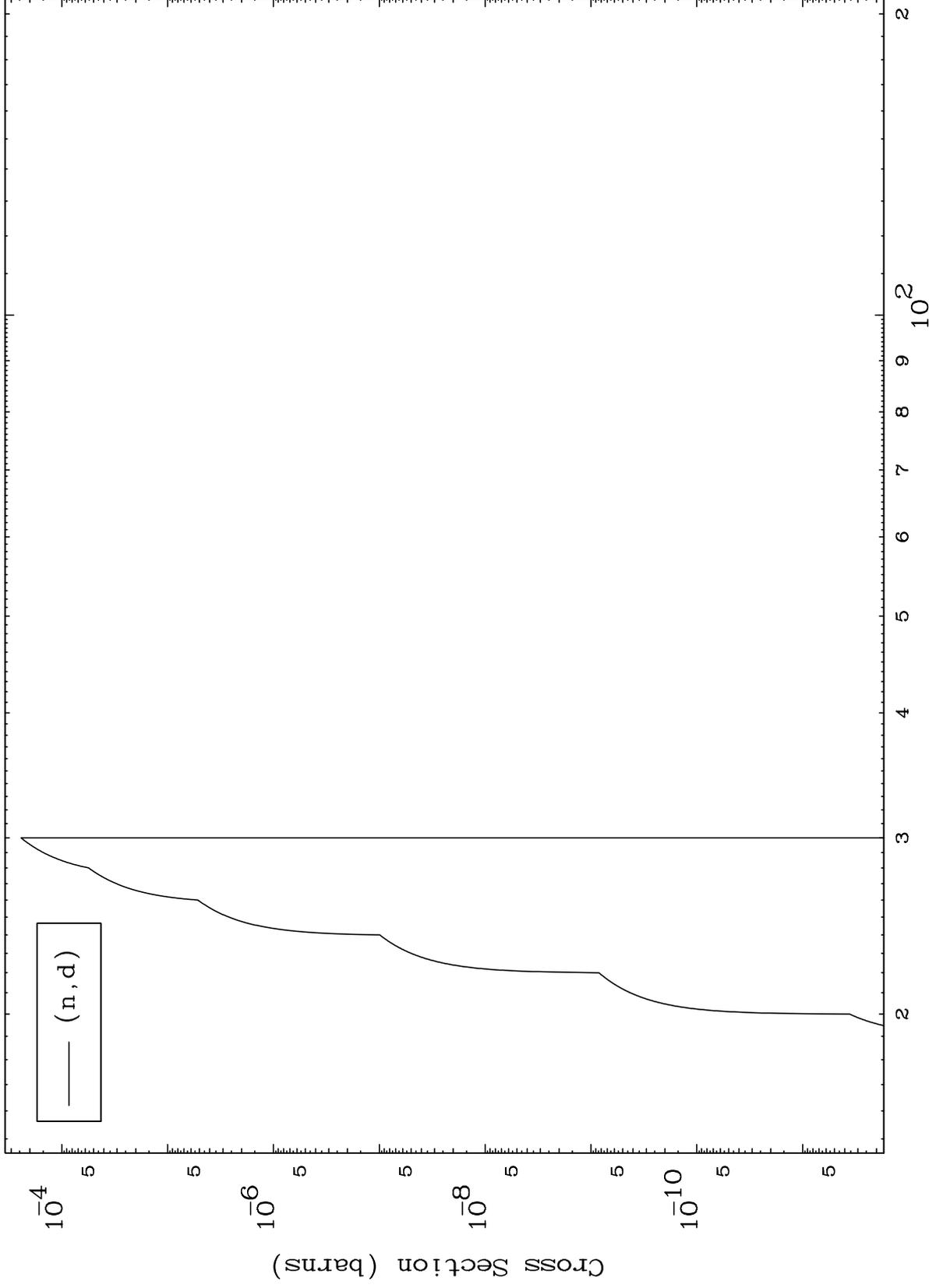
Incident Energy (MeV)

82-Pb-195

MAT 8198

(α, d) Levels
0 Kelvin Cross Sections

82-Pb-195



6

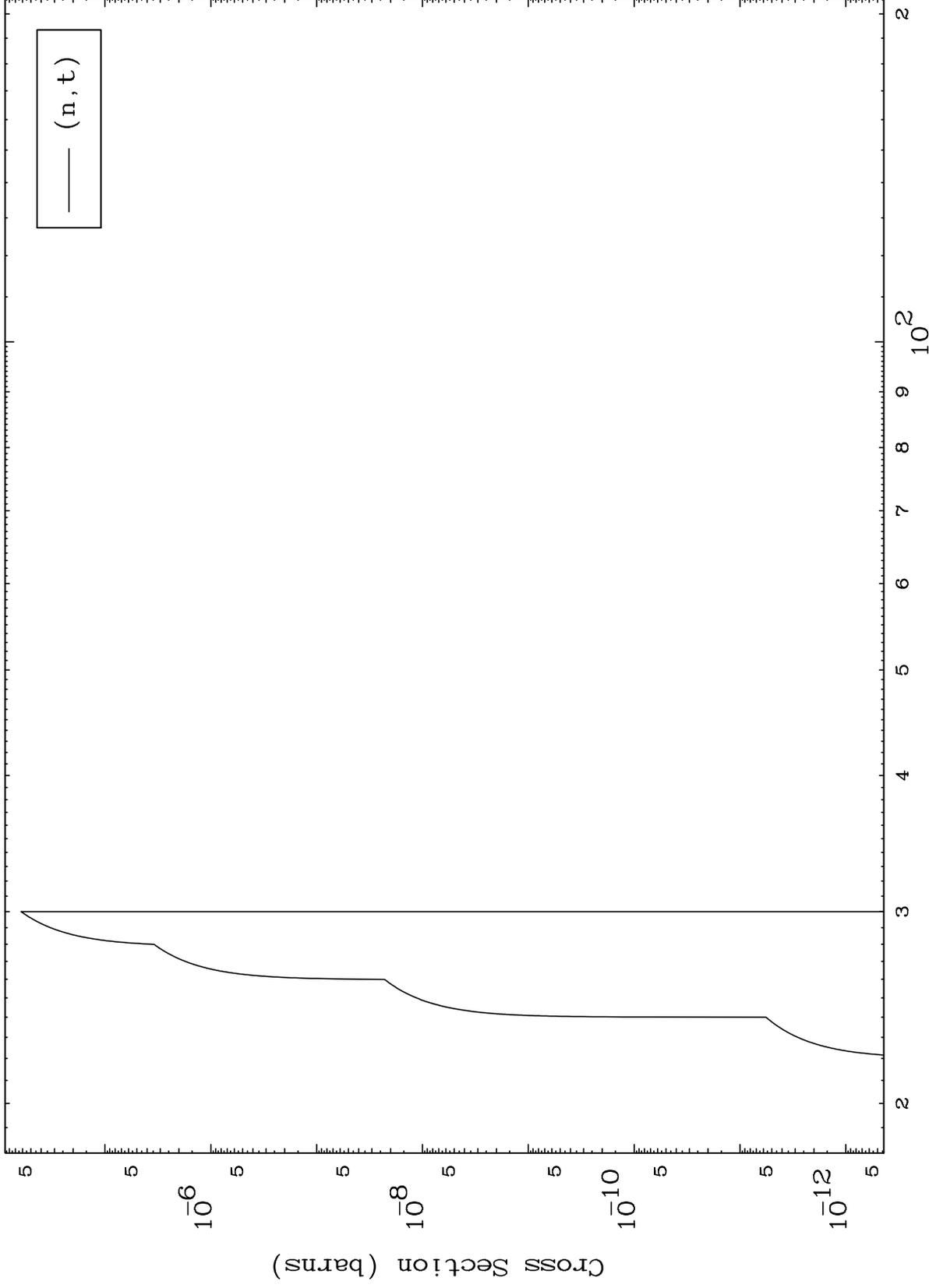
Incident Energy (MeV)

82-Pb-195

MAT 8198

(α, t) Levels
0 Kelvin Cross Sections

82-Pb-195

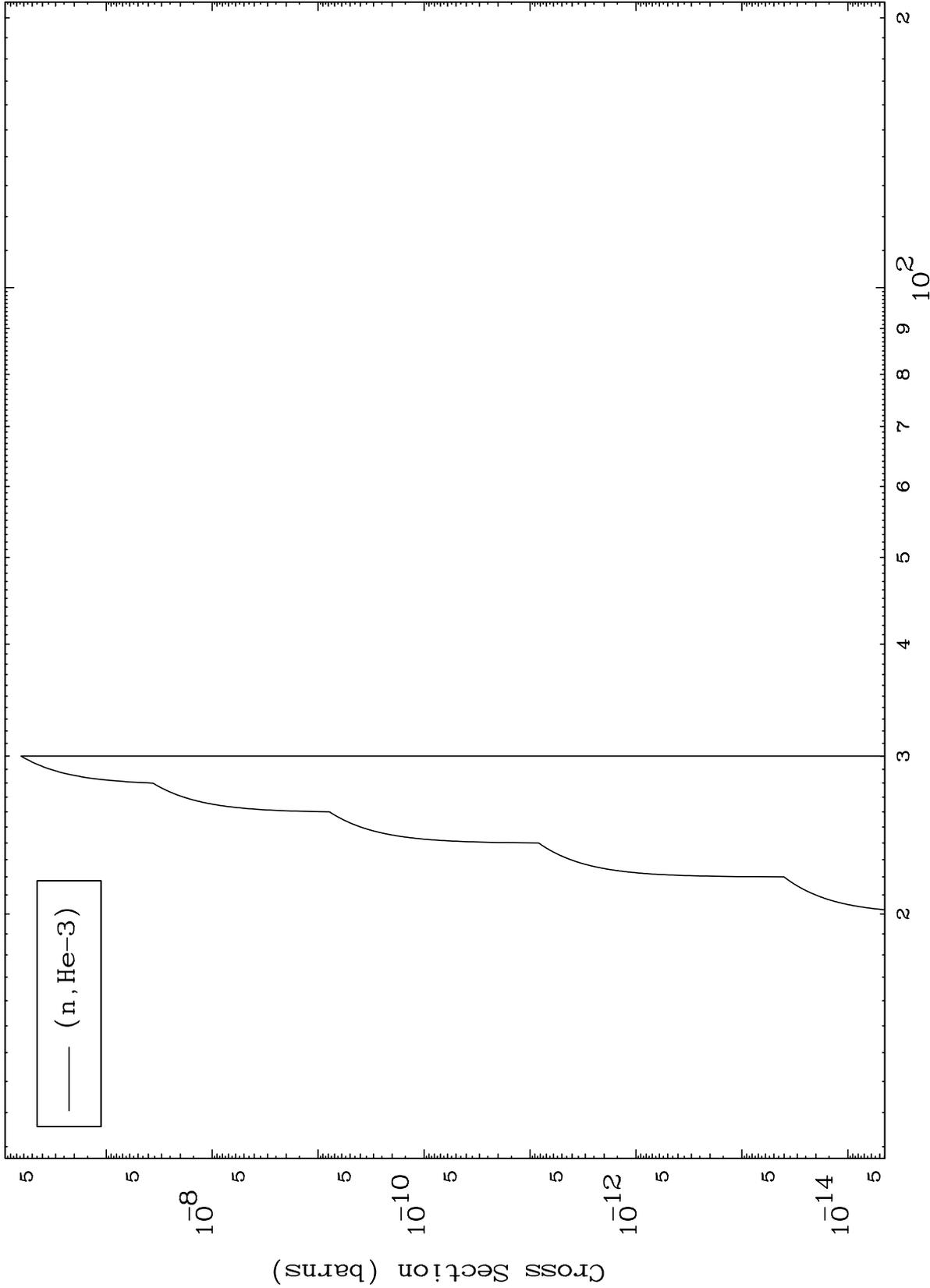


7

Incident Energy (MeV)

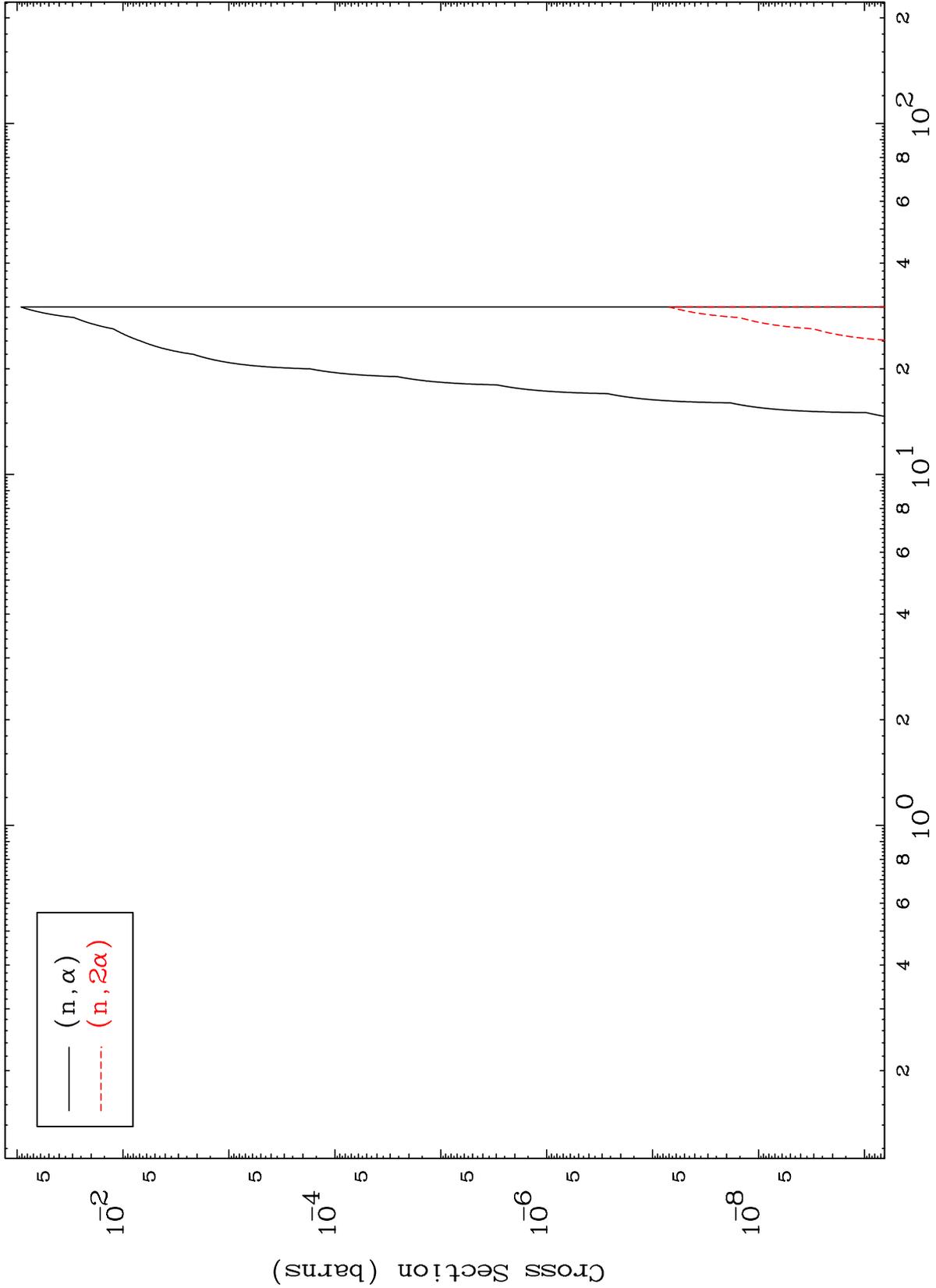
82-Pb-195

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



Incident Energy (MeV)

0 Kelvin Cross Sections

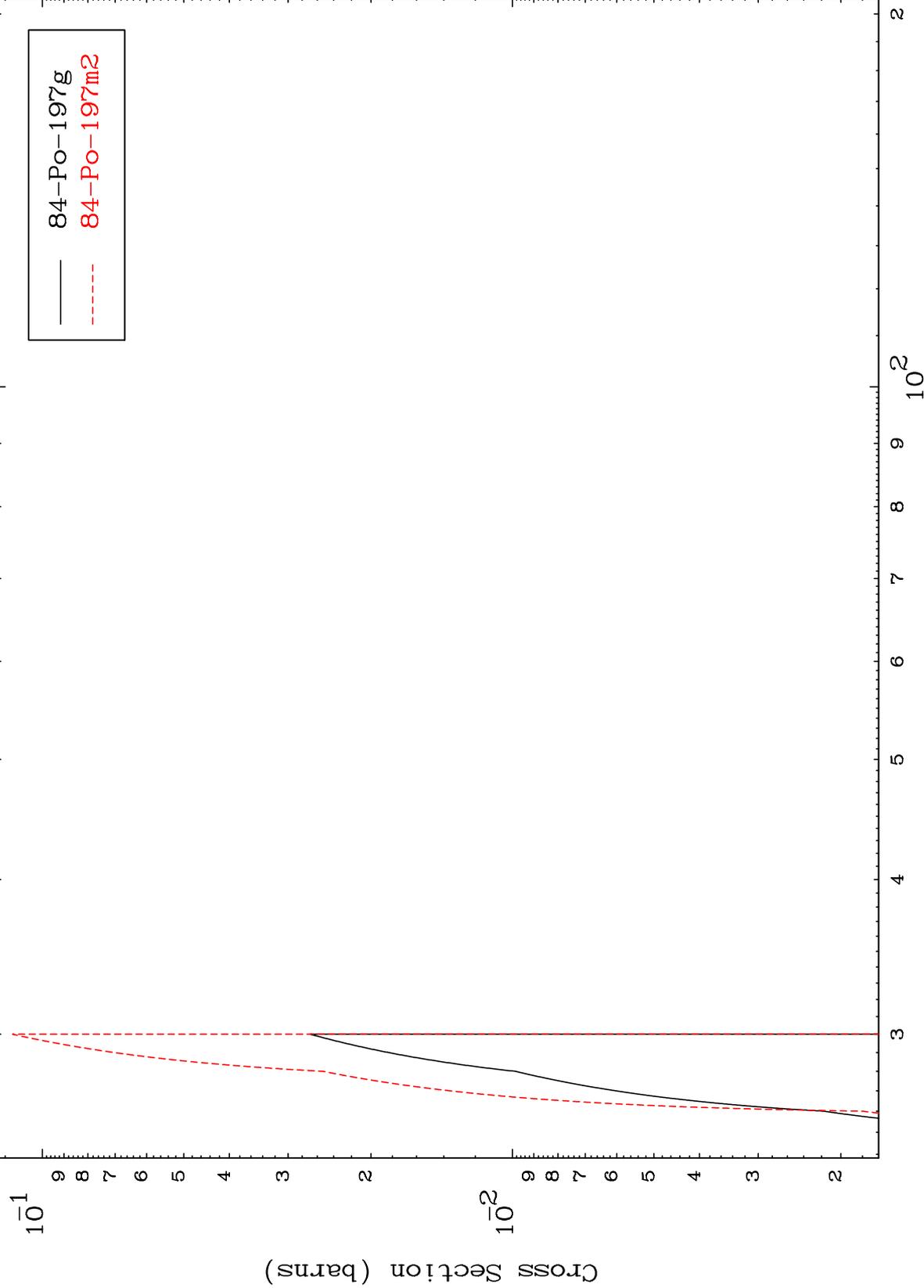


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(n,2n)

82-Pb-195

Radionuclide Production Cross Section



10

Incident Energy (MeV)

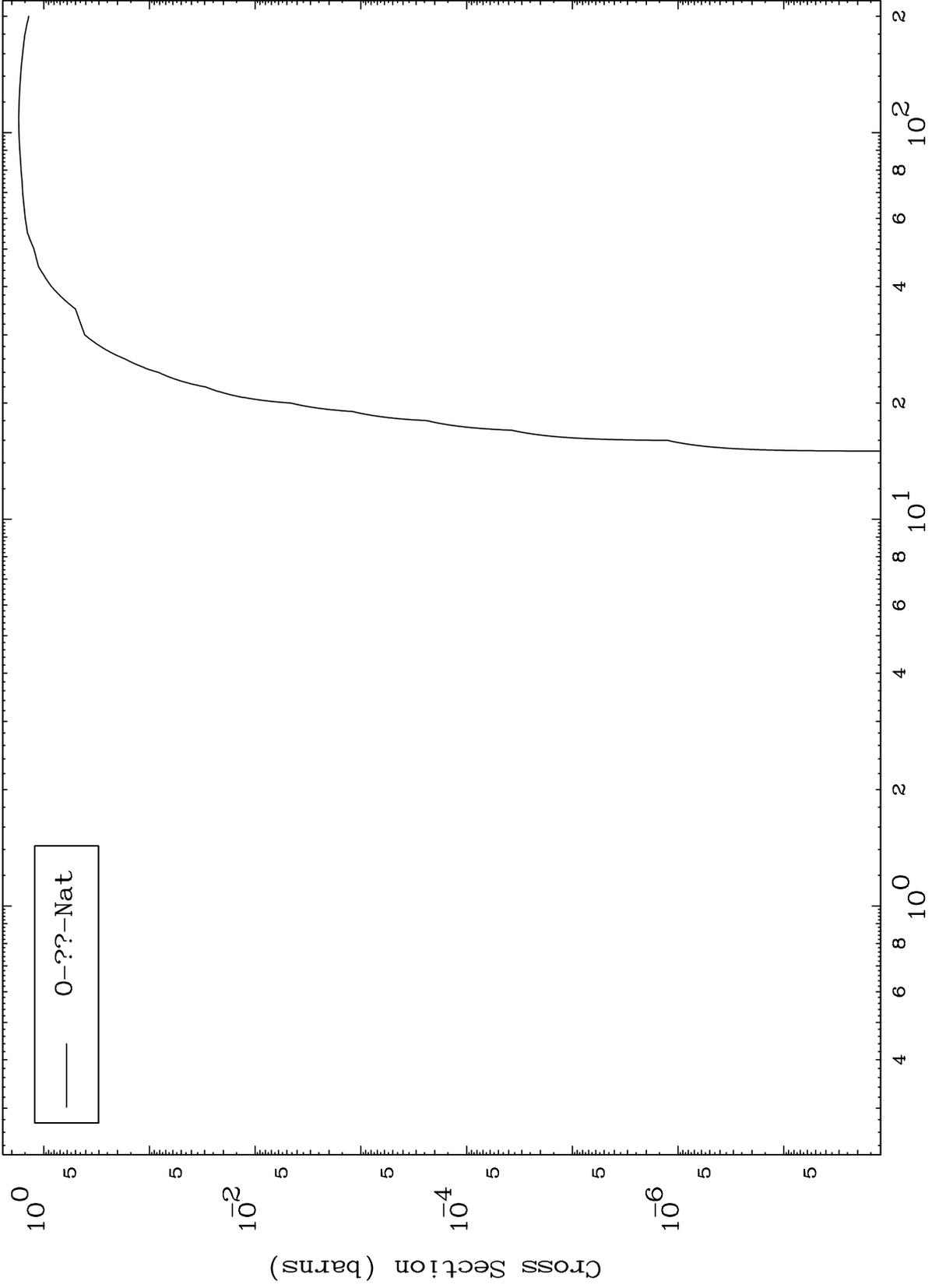
82-Pb-195

MAT 8198

Fission

82-Pb-195

Radionuclide Production Cross Section

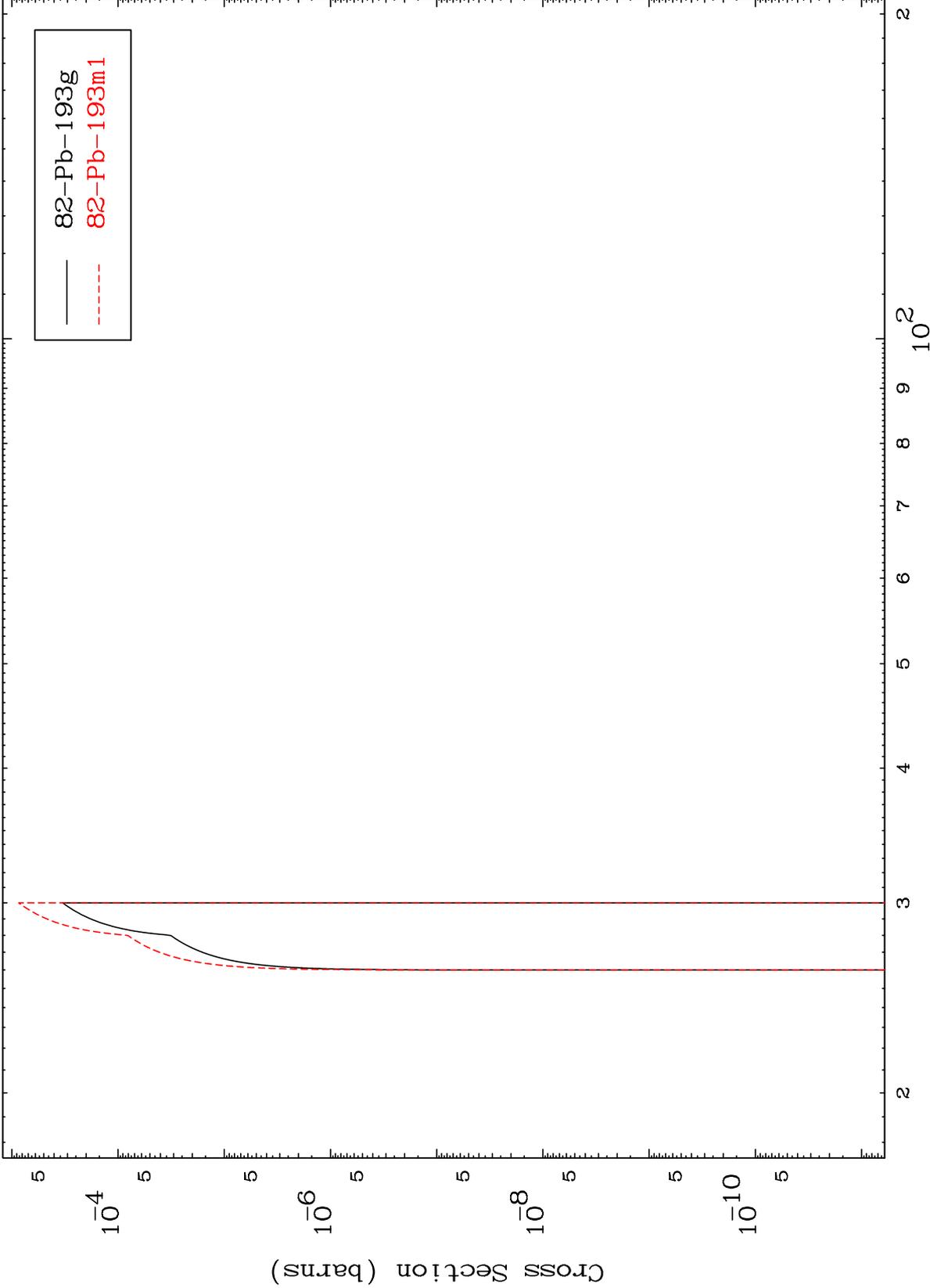


MAT 8198

$(n,2n) \alpha$

82-Pb-195

Radionuclide Production Cross Section

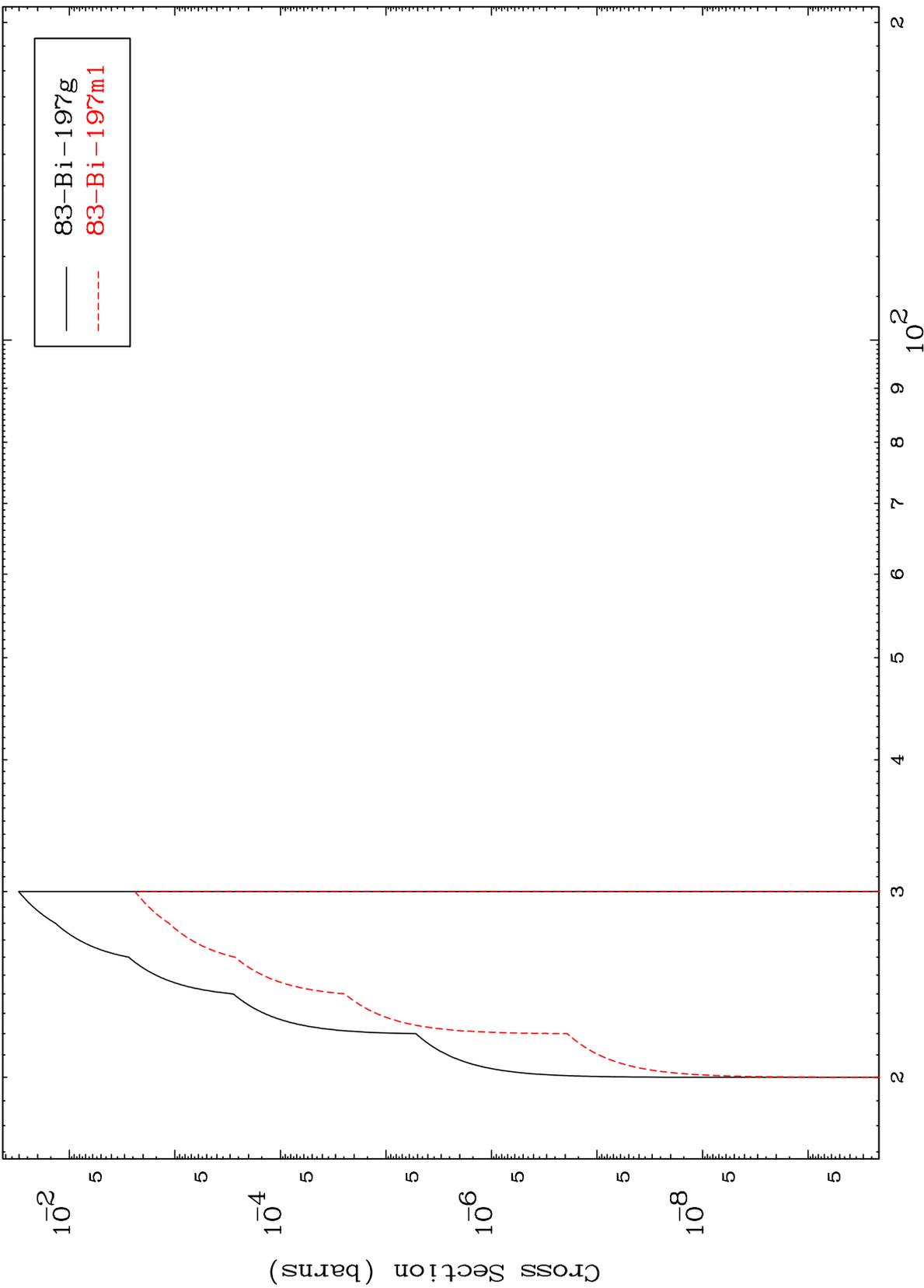


12

Incident Energy (MeV)

82-Pb-195

Radionuclide Production Cross Section



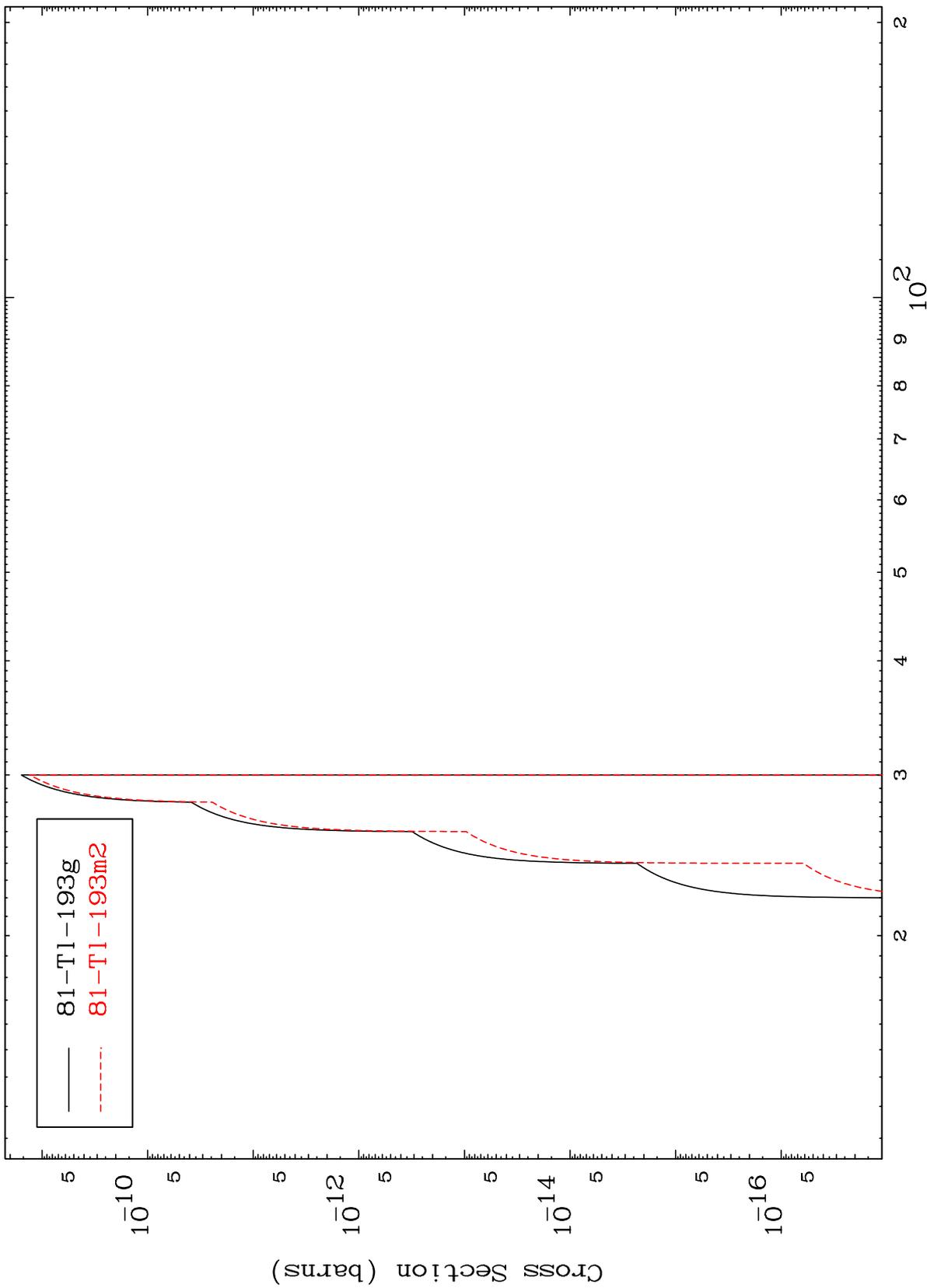
83-Bi-197g
83-Bi-197m1

MAT 8198

(n,n') p α

82-Pb-195

Radionuclide Production Cross Section



14

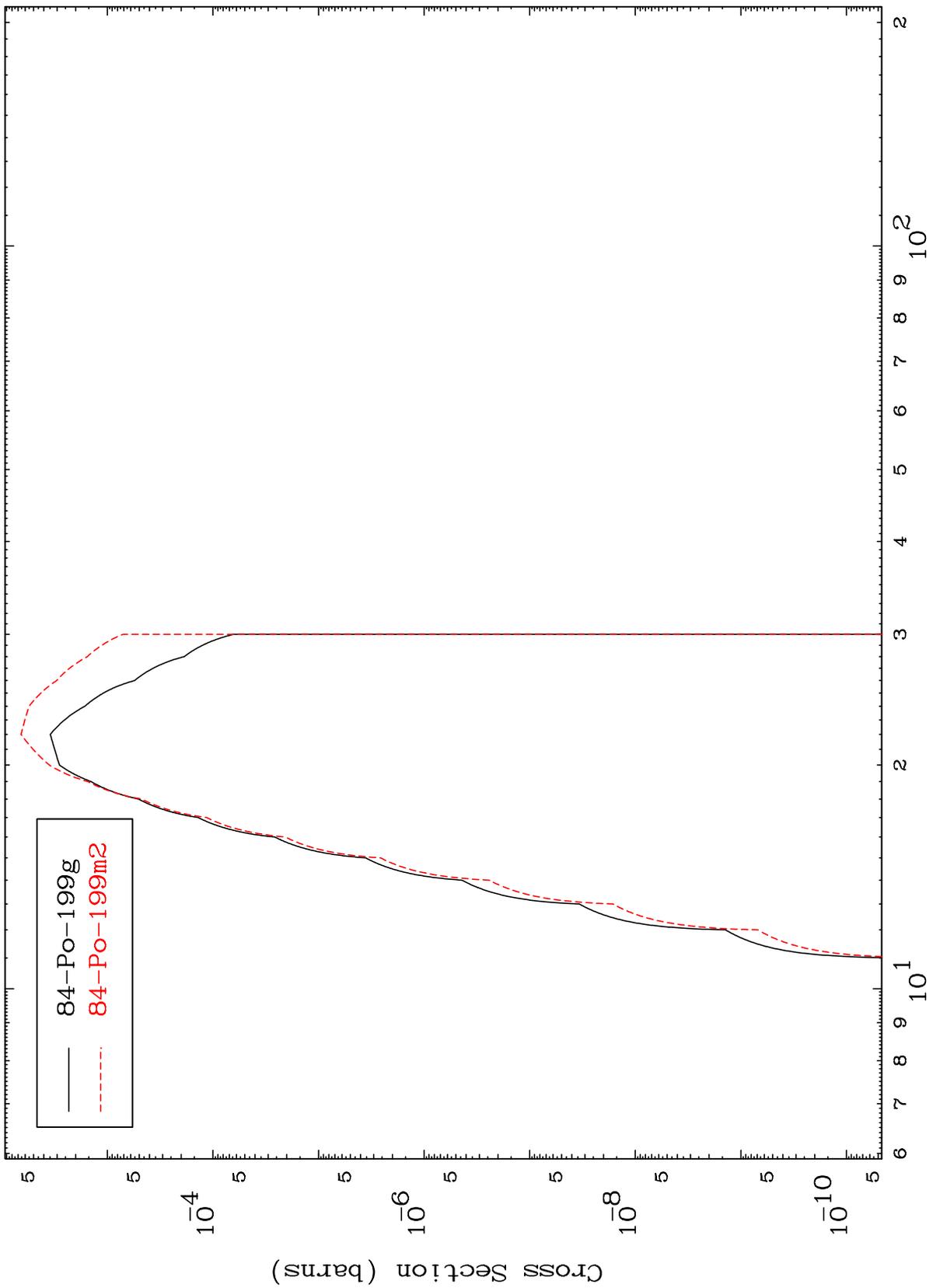
Incident Energy (MeV)

82-Pb-195

MAT 8198

82-Pb-195

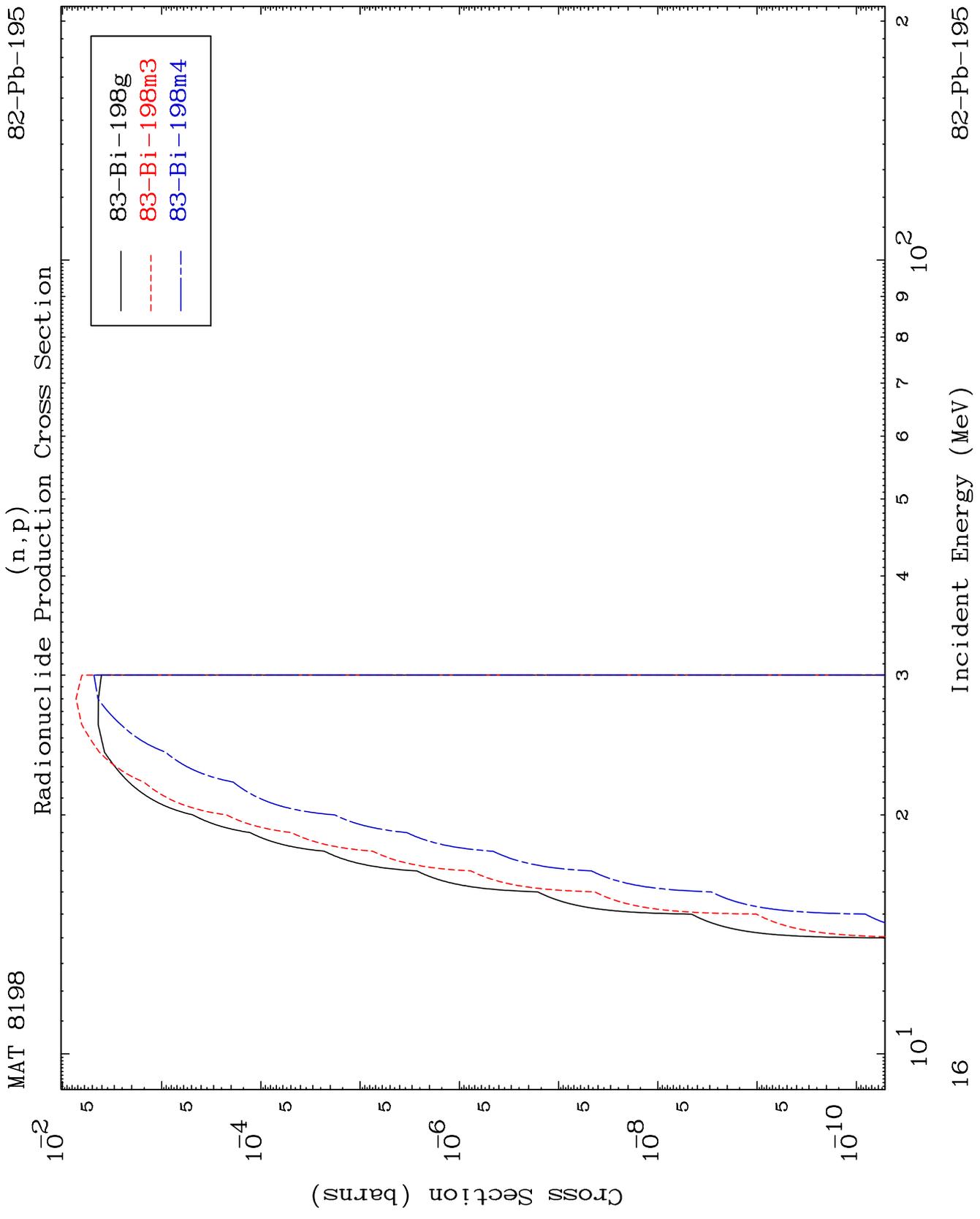
(n,γ)
Radionuclide Production Cross Section



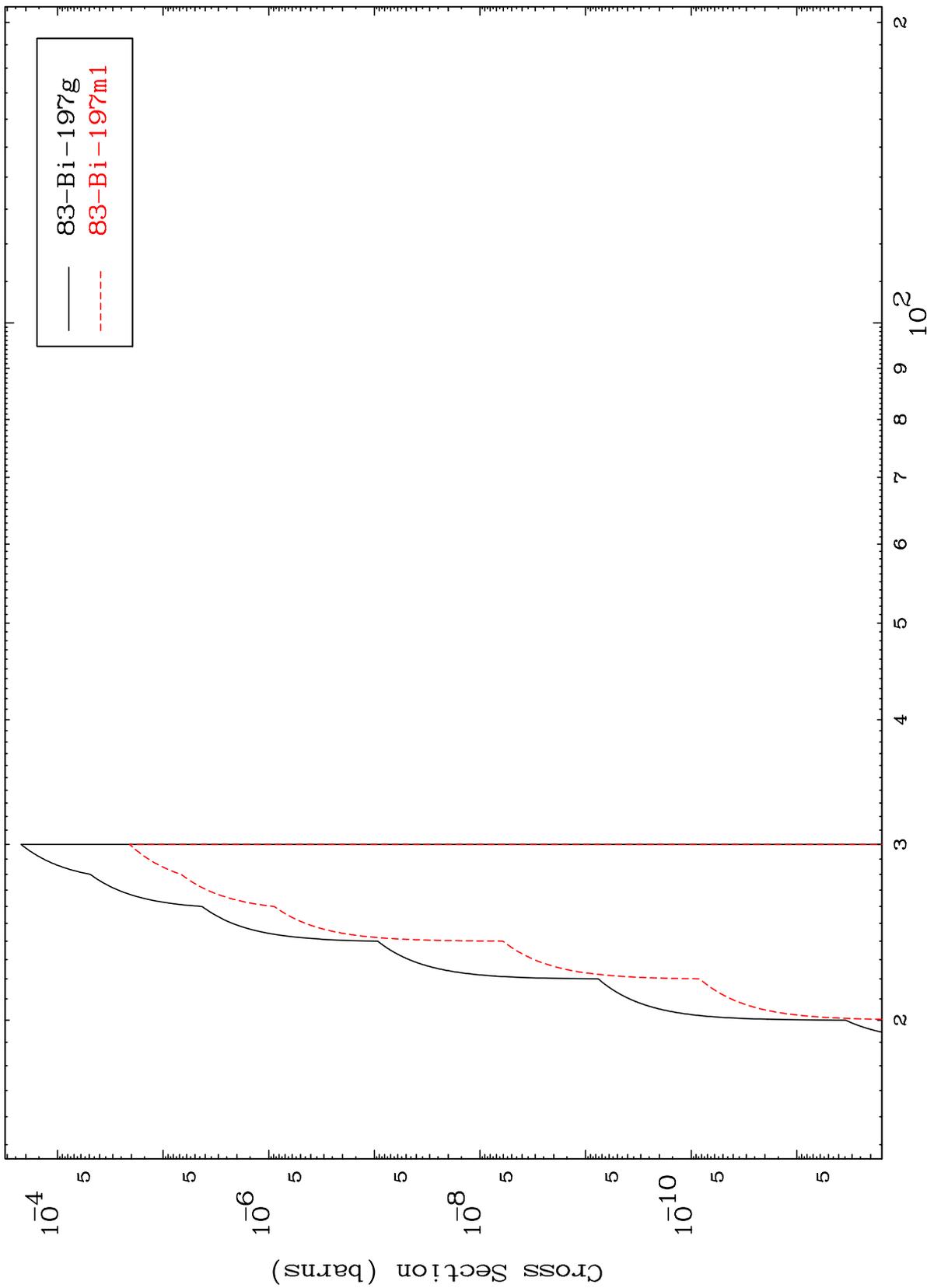
15

Incident Energy (MeV)

82-Pb-195



(n,d)
Radionuclide Production Cross Section



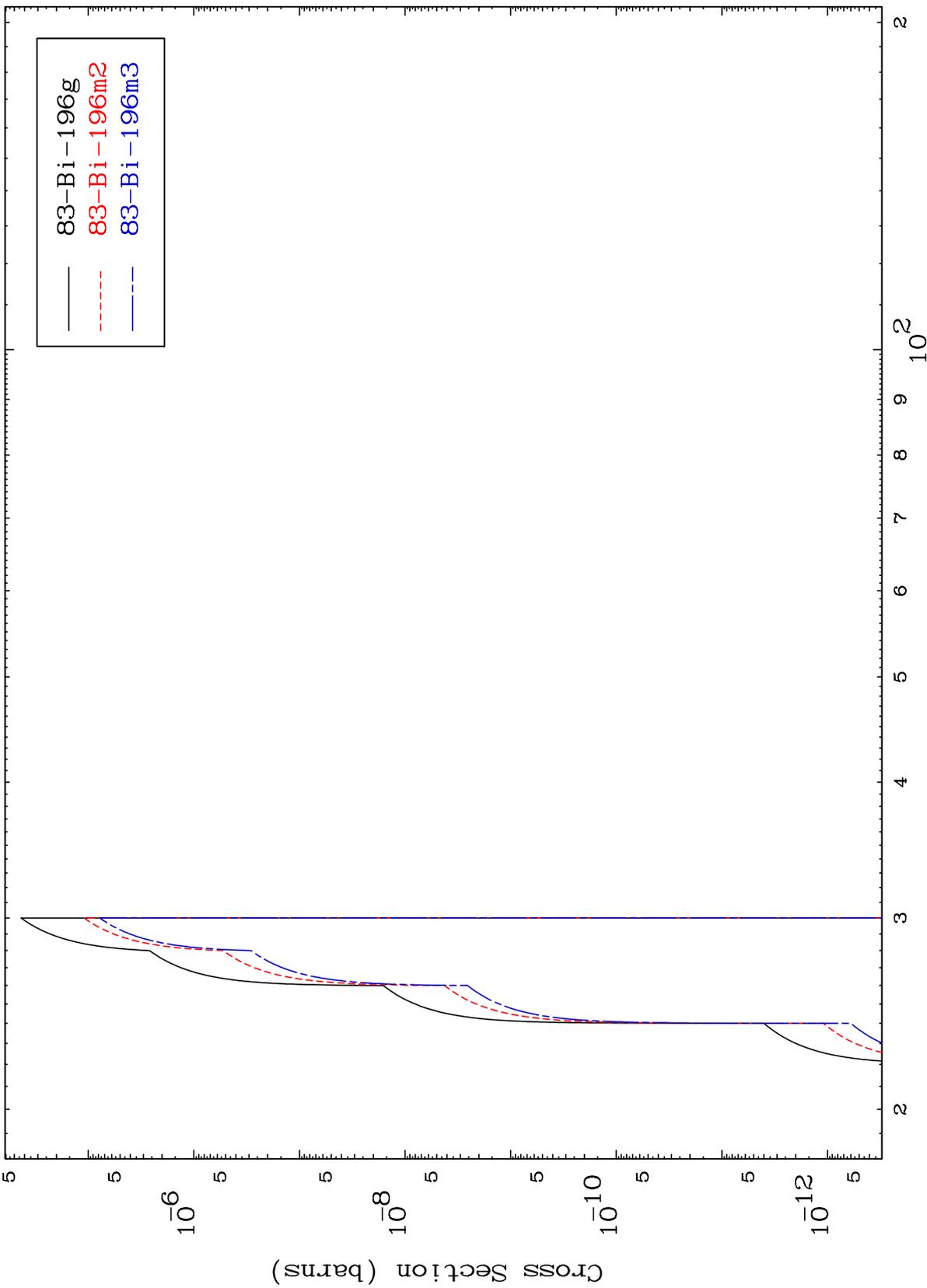
83-Bi-197g
83-Bi-197m1

MAT 8198

(n,t)

82-Pb-195

Radionuclide Production Cross Section



18

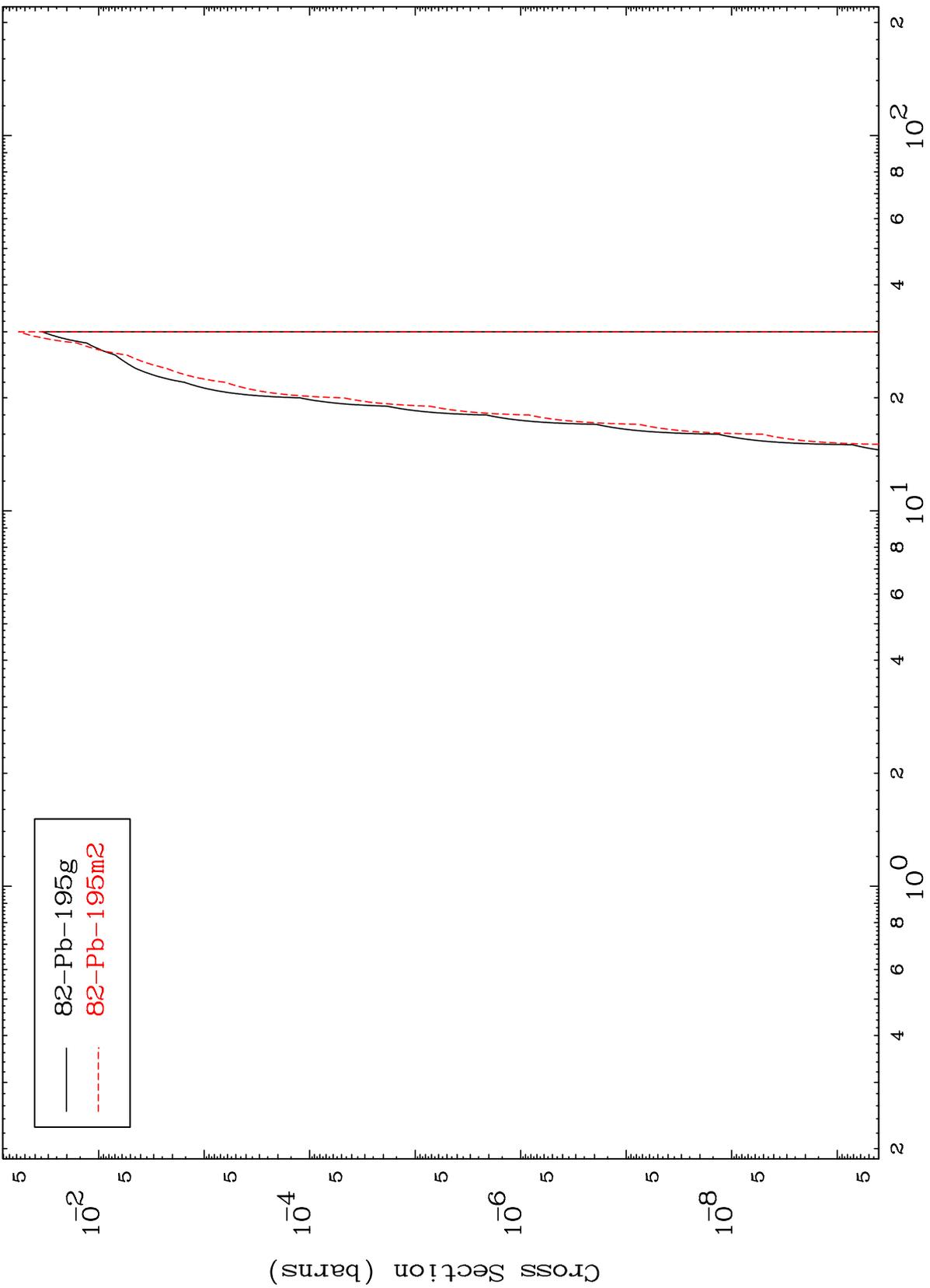
Incident Energy (MeV)

82-Pb-195

MAT 8198

82-Pb-195

(n, α)
Radionuclide Production Cross Section



19

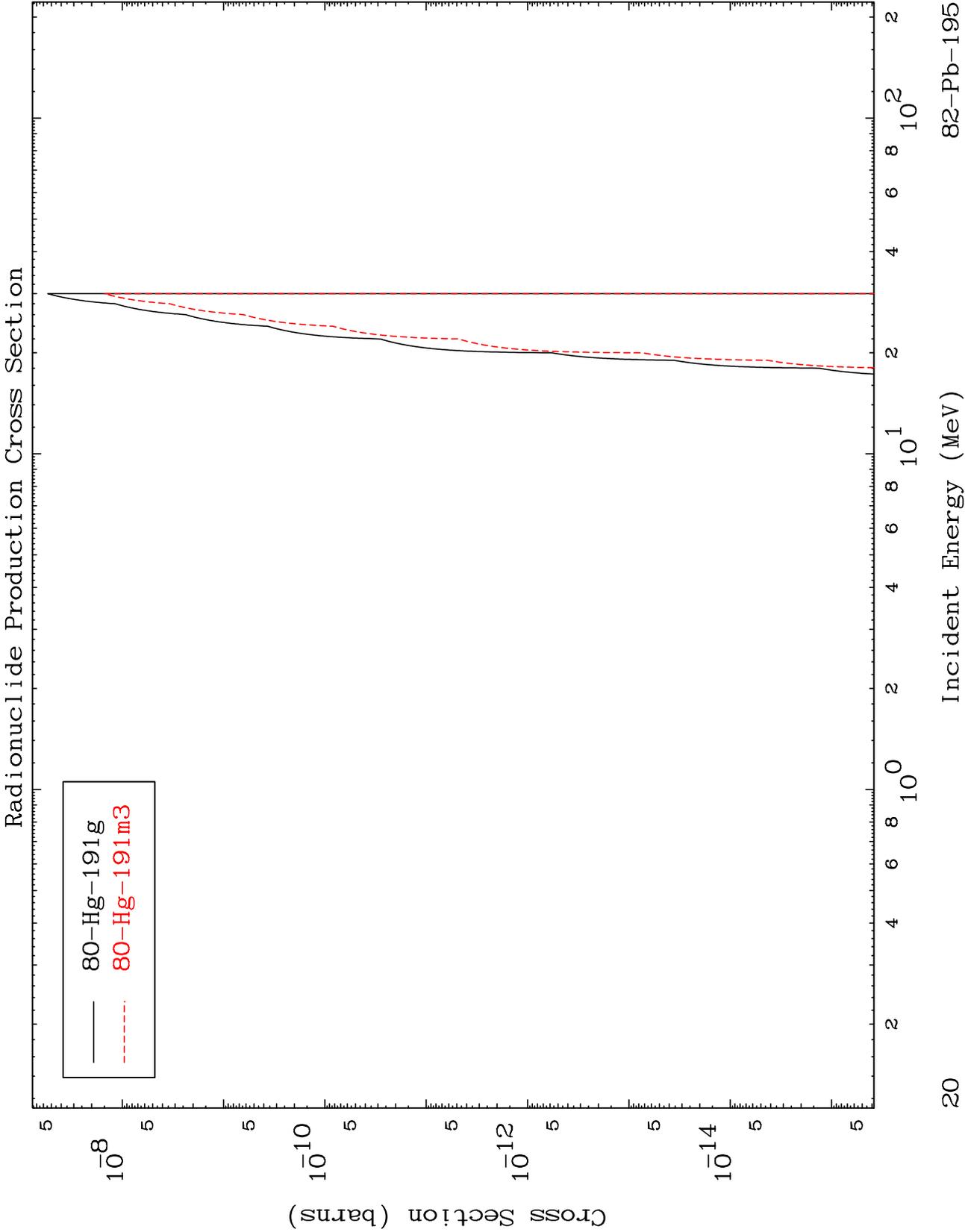
82-Pb-195

Incident Energy (MeV)

MAT 8198

(n,2α)

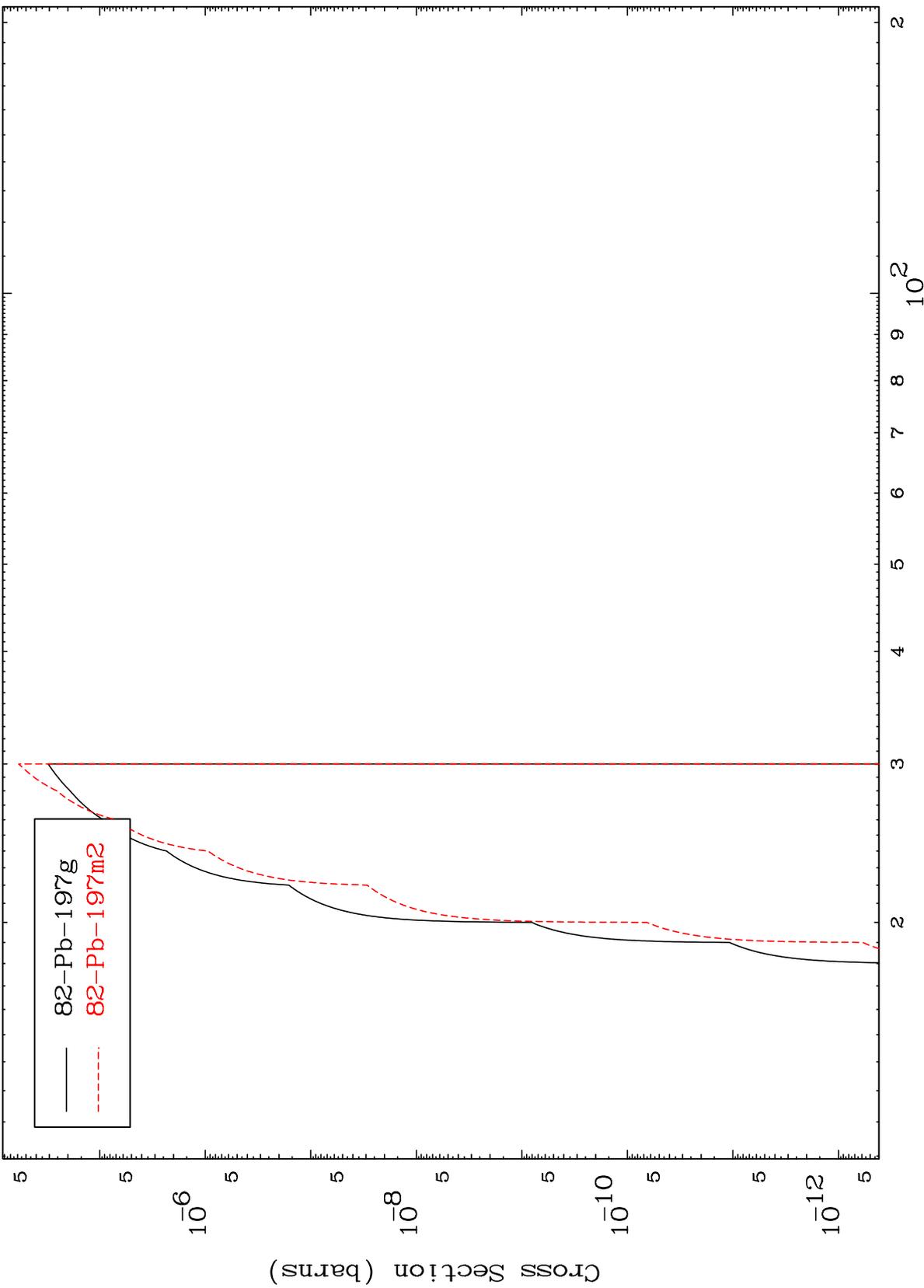
82-Pb-195



MAT 8198

82-Pb-195

(n,2p)
Radionuclide Production Cross Section

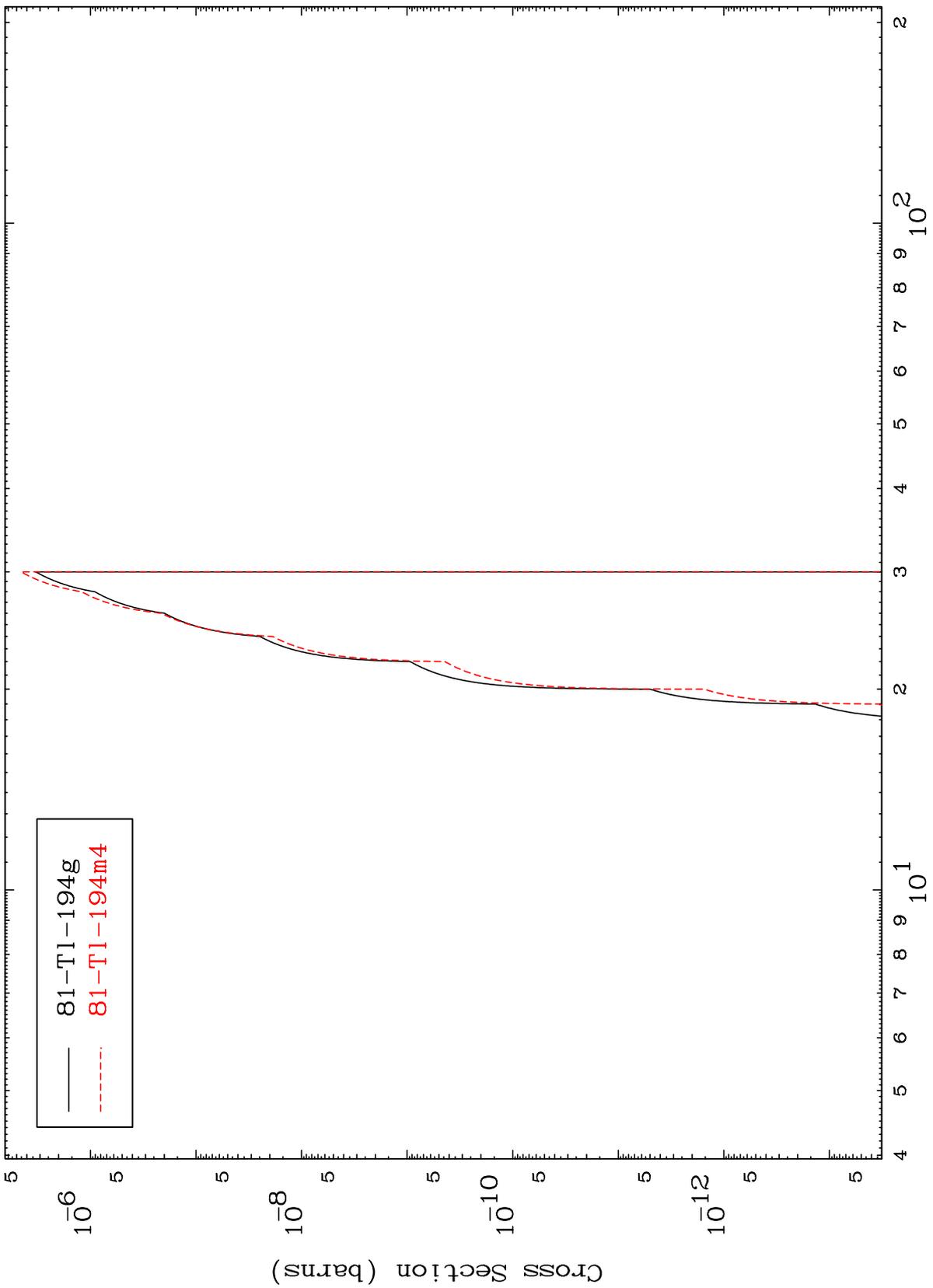


MAT 8198

(n,p) α

82-Pb-195

Radionuclide Production Cross Section



22

Incident Energy (MeV)

82-Pb-195