

Program EVALPLOT
(Version 2017-1)

by

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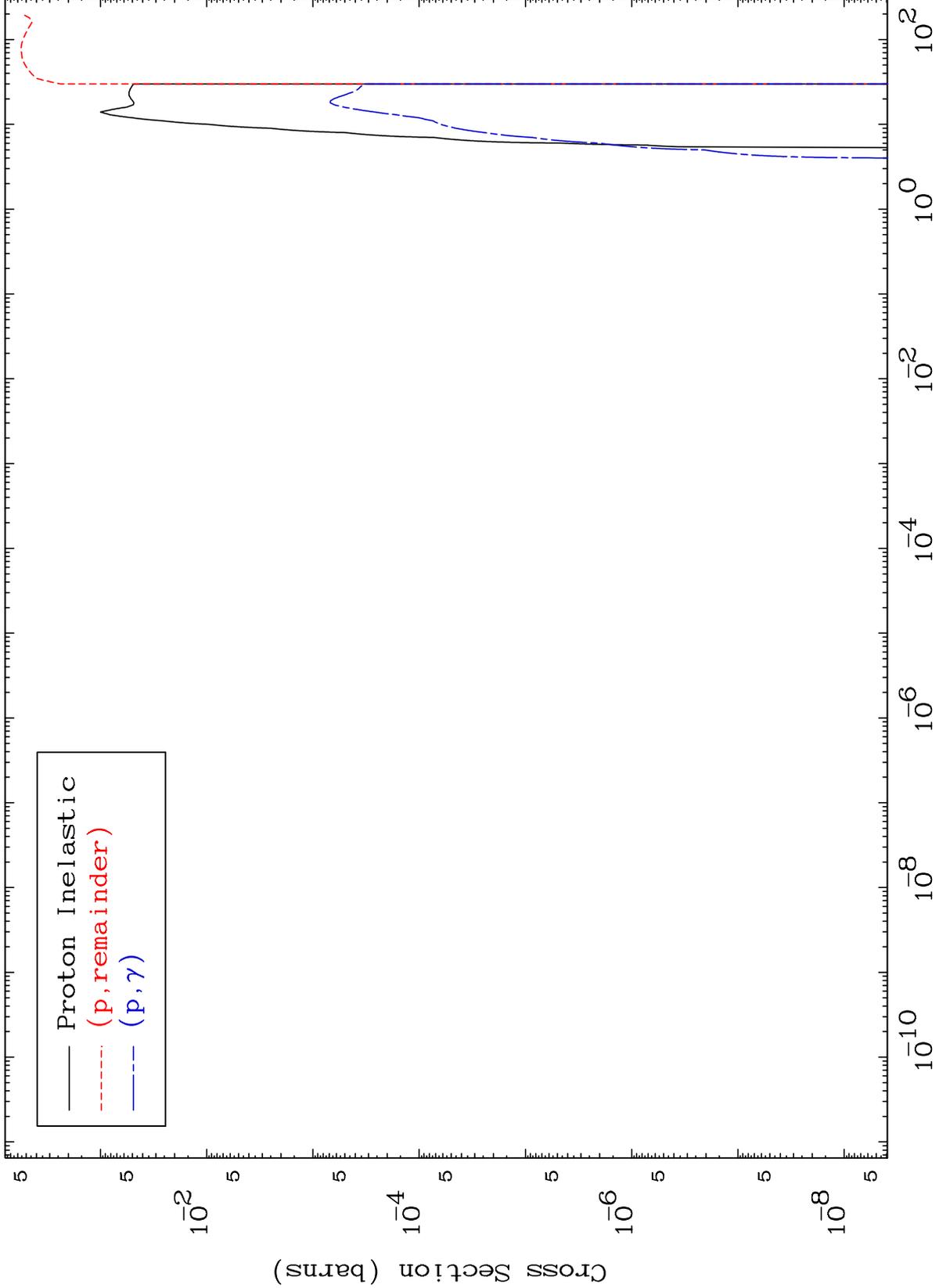
Press Mouse Button to Start

MAT 457

Proton Major

104-Rf-257

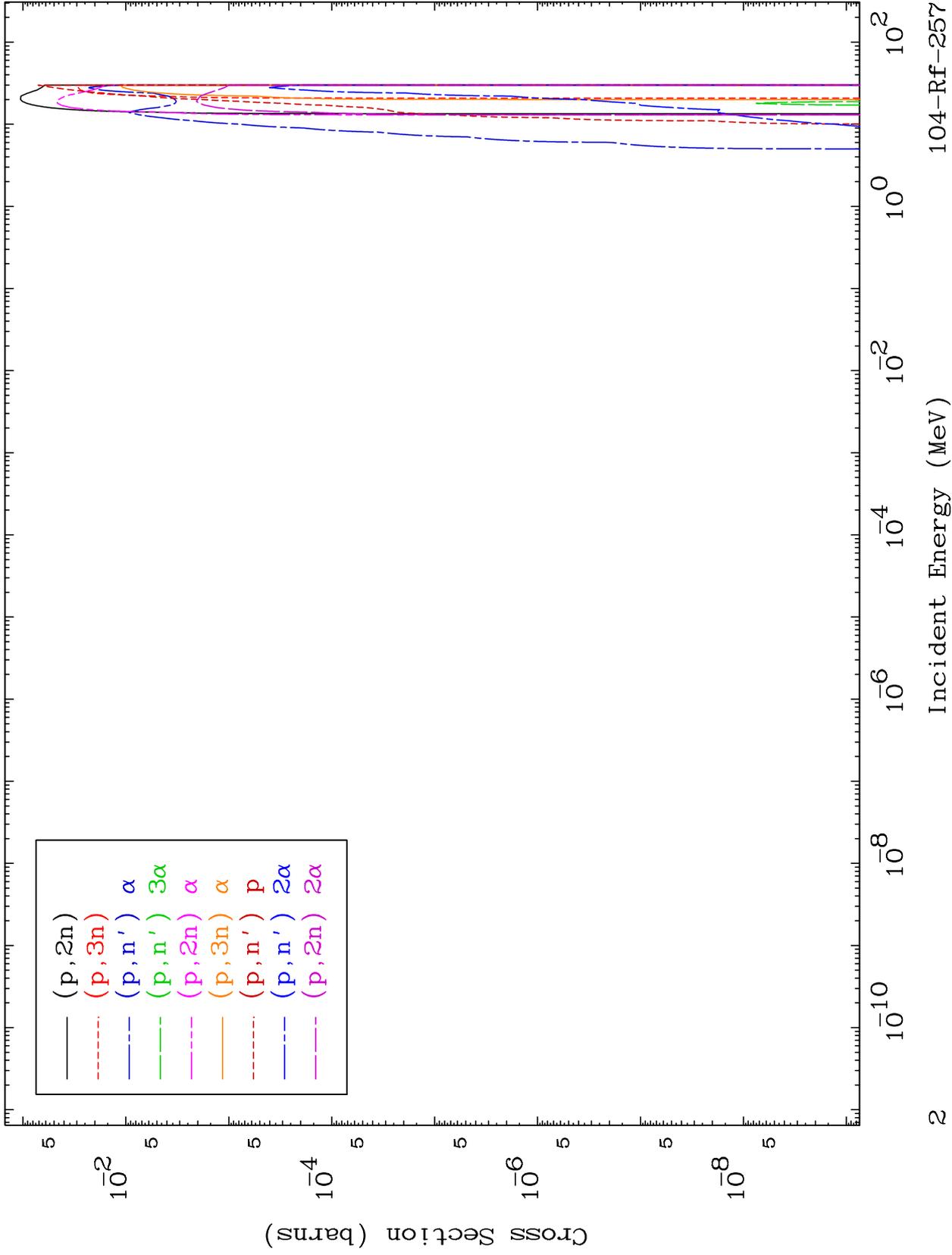
0 Kelvin Cross Sections



1

Incident Energy (MeV)

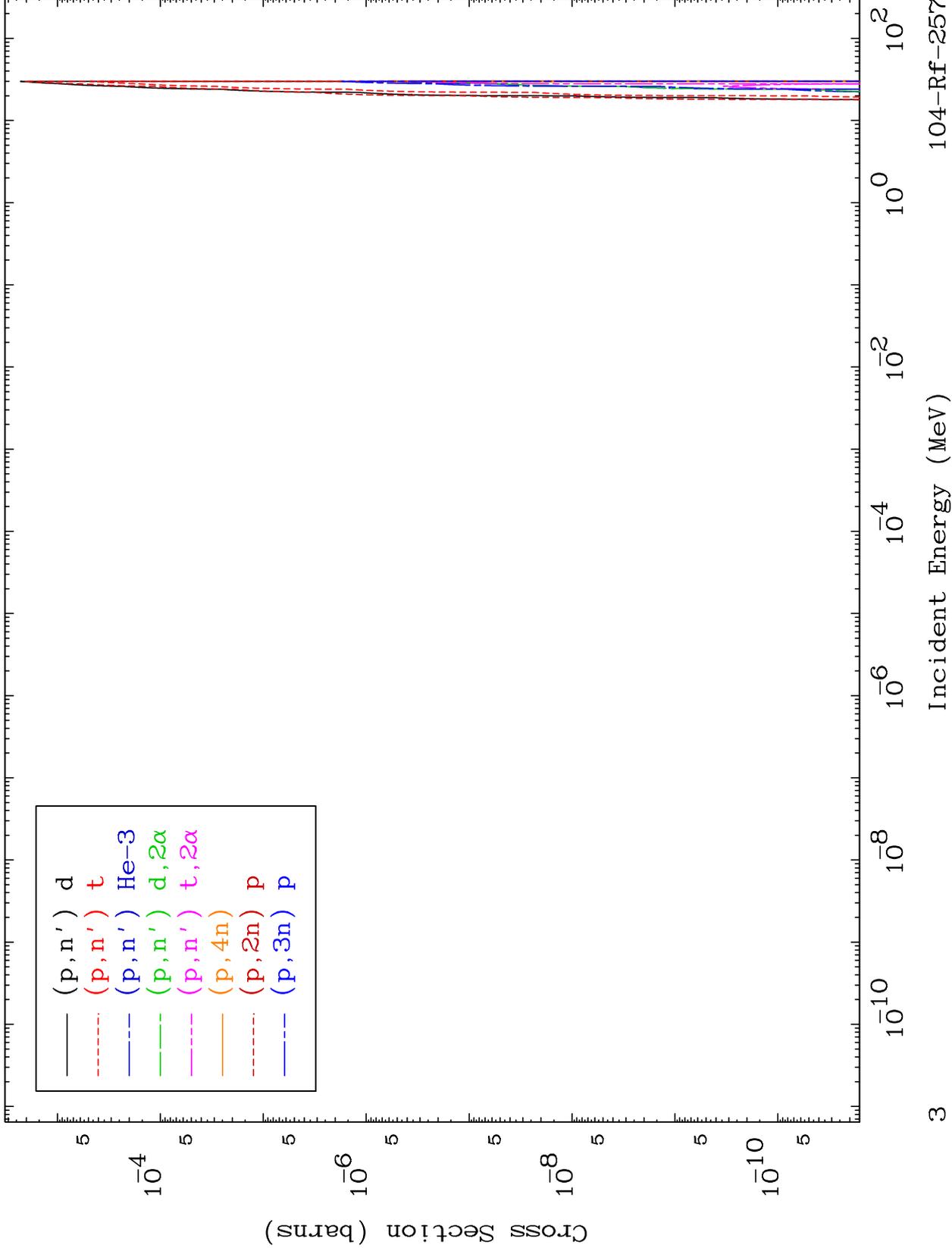
104-Rf-257

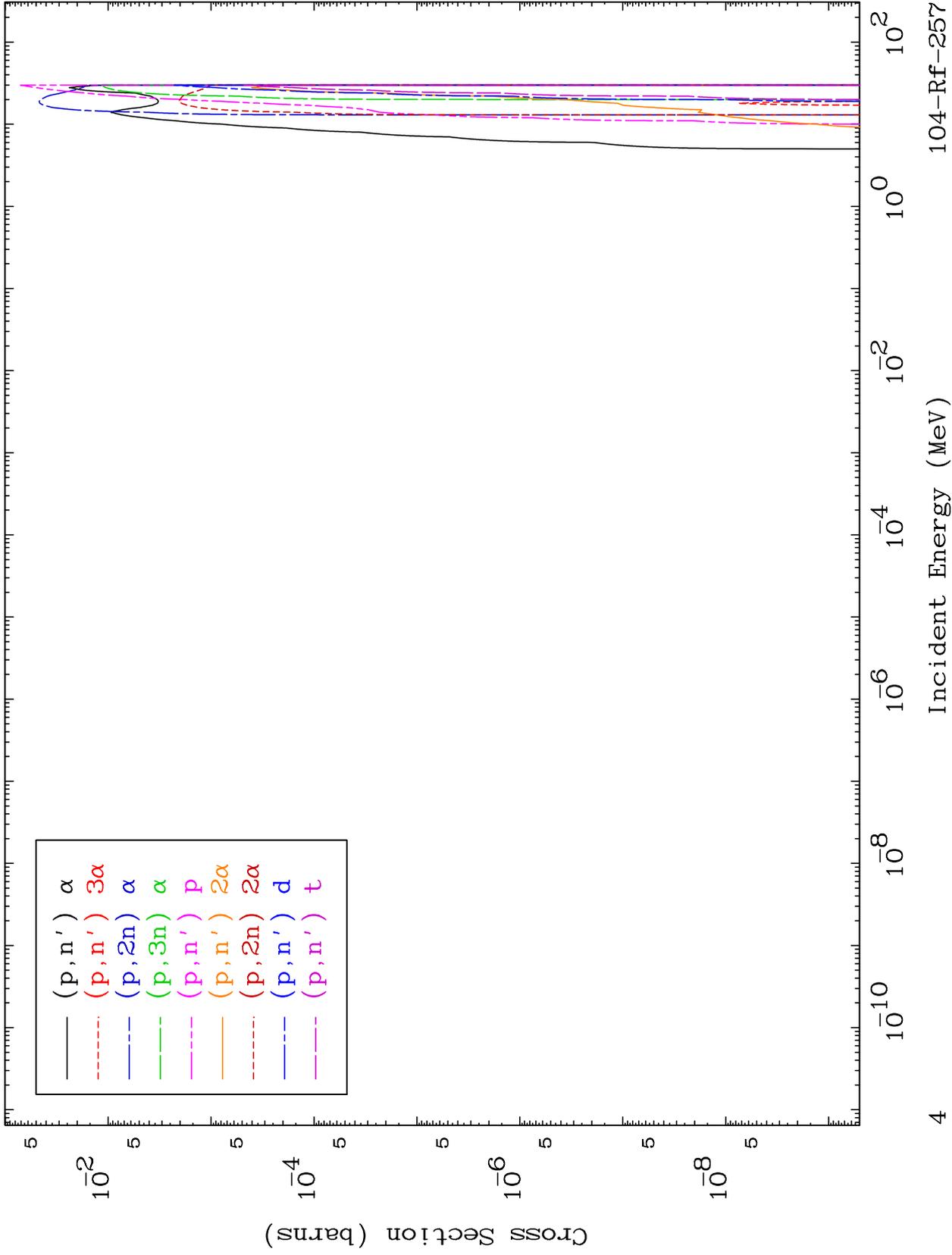


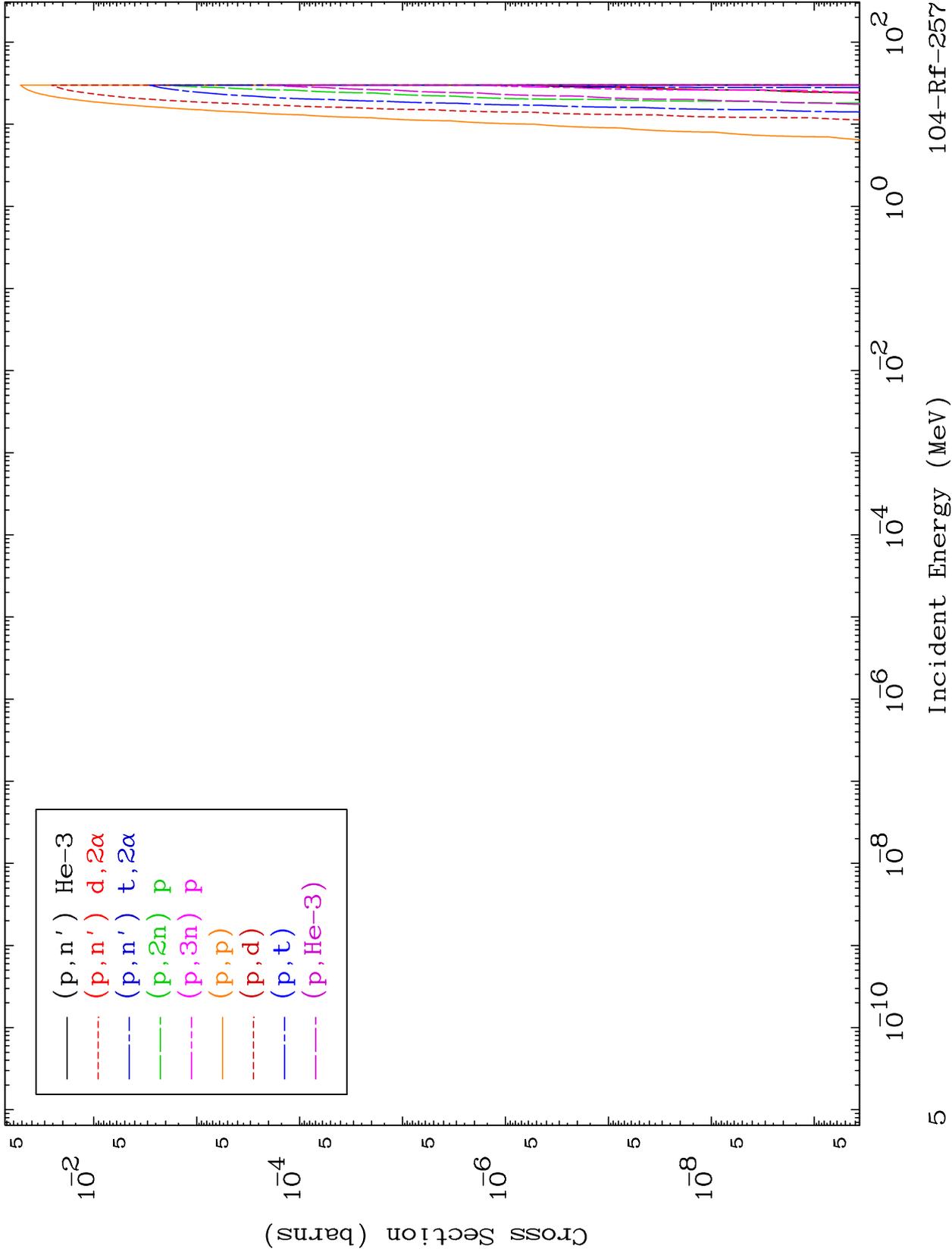
MAT 457

Proton Neutron Production
0 Kelvin Cross Sections

104-Rf-257



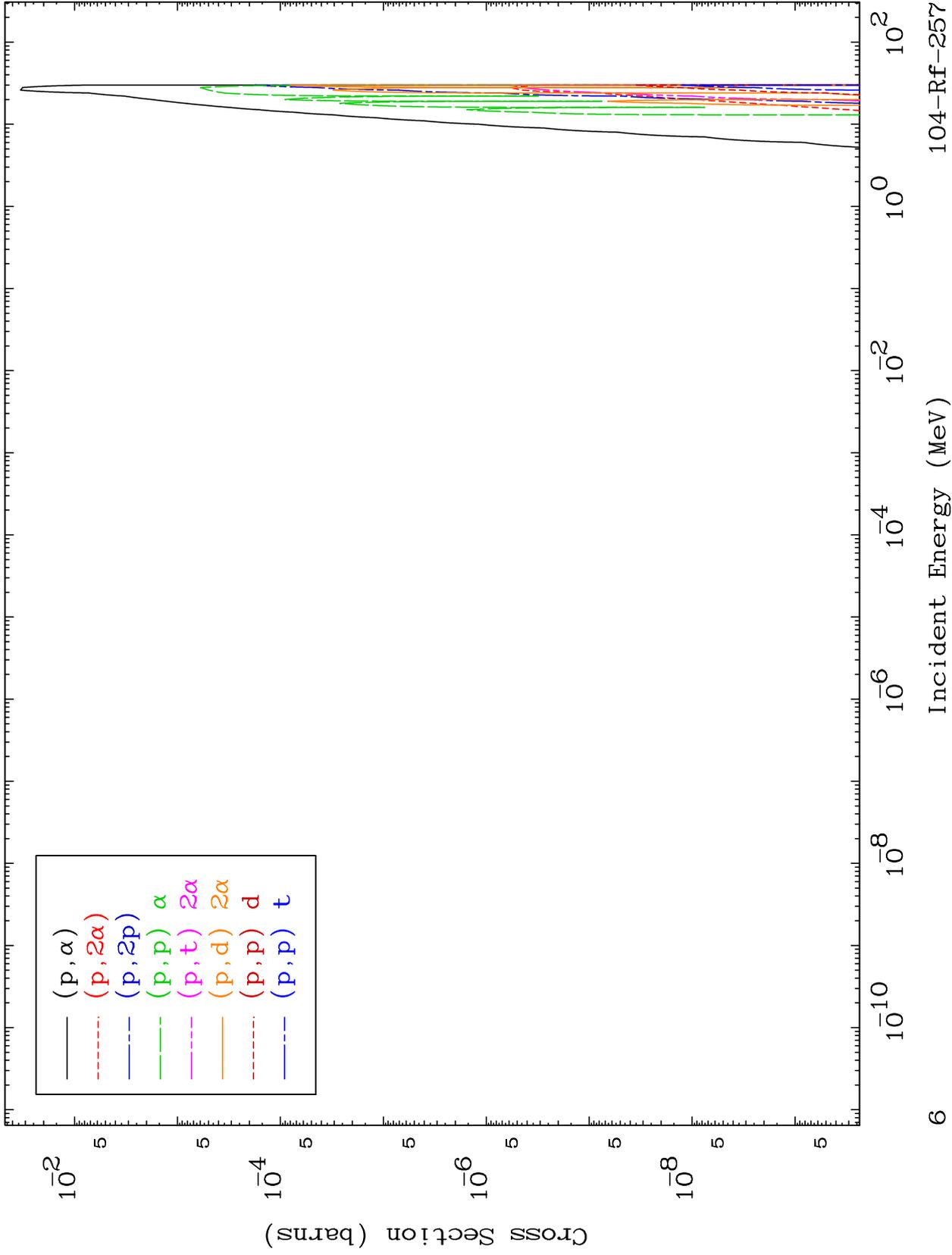




MAT 457

Proton Charged Particle
0 Kelvin Cross Sections

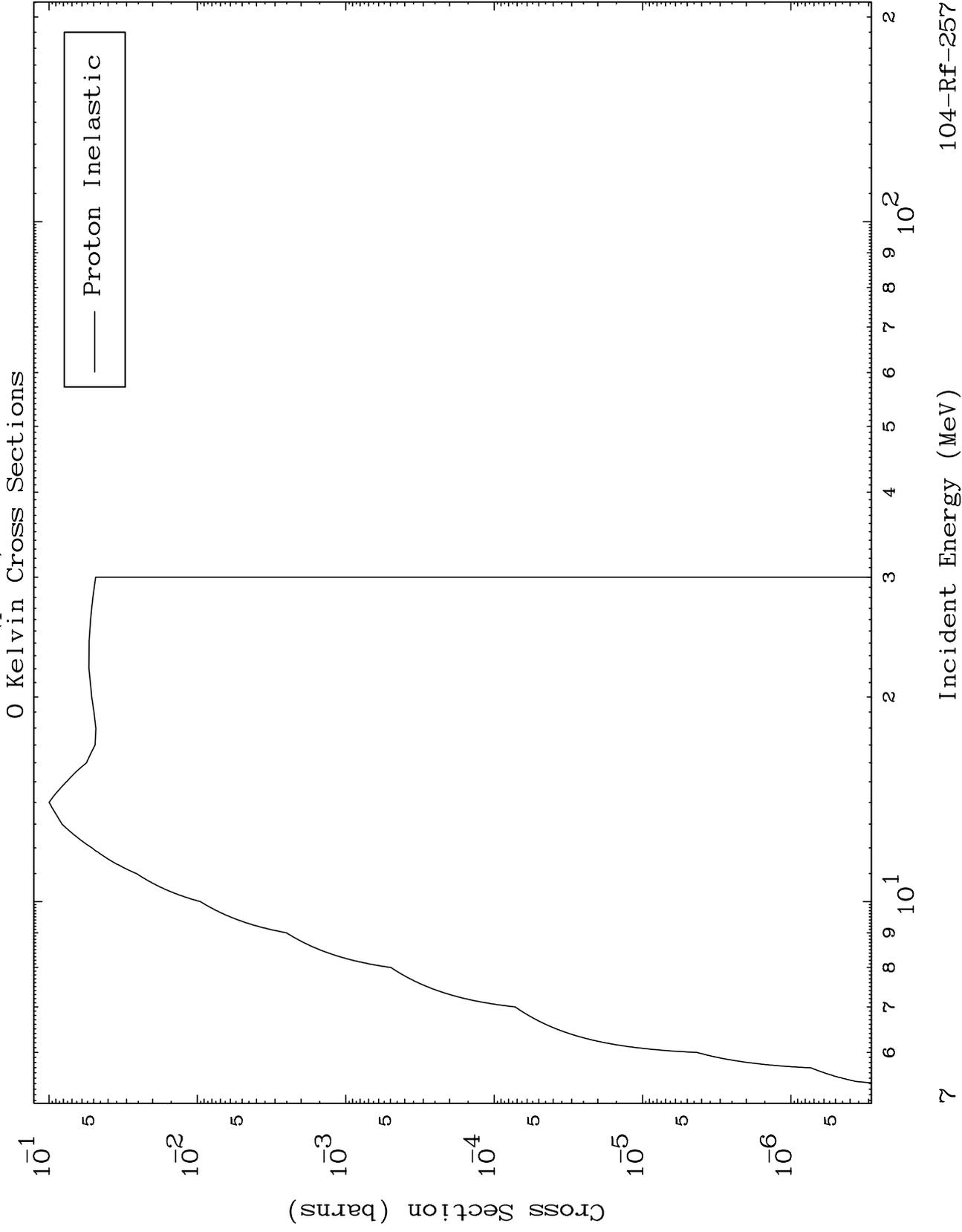
104-Rf-257



MAT 457

(p,n') Level

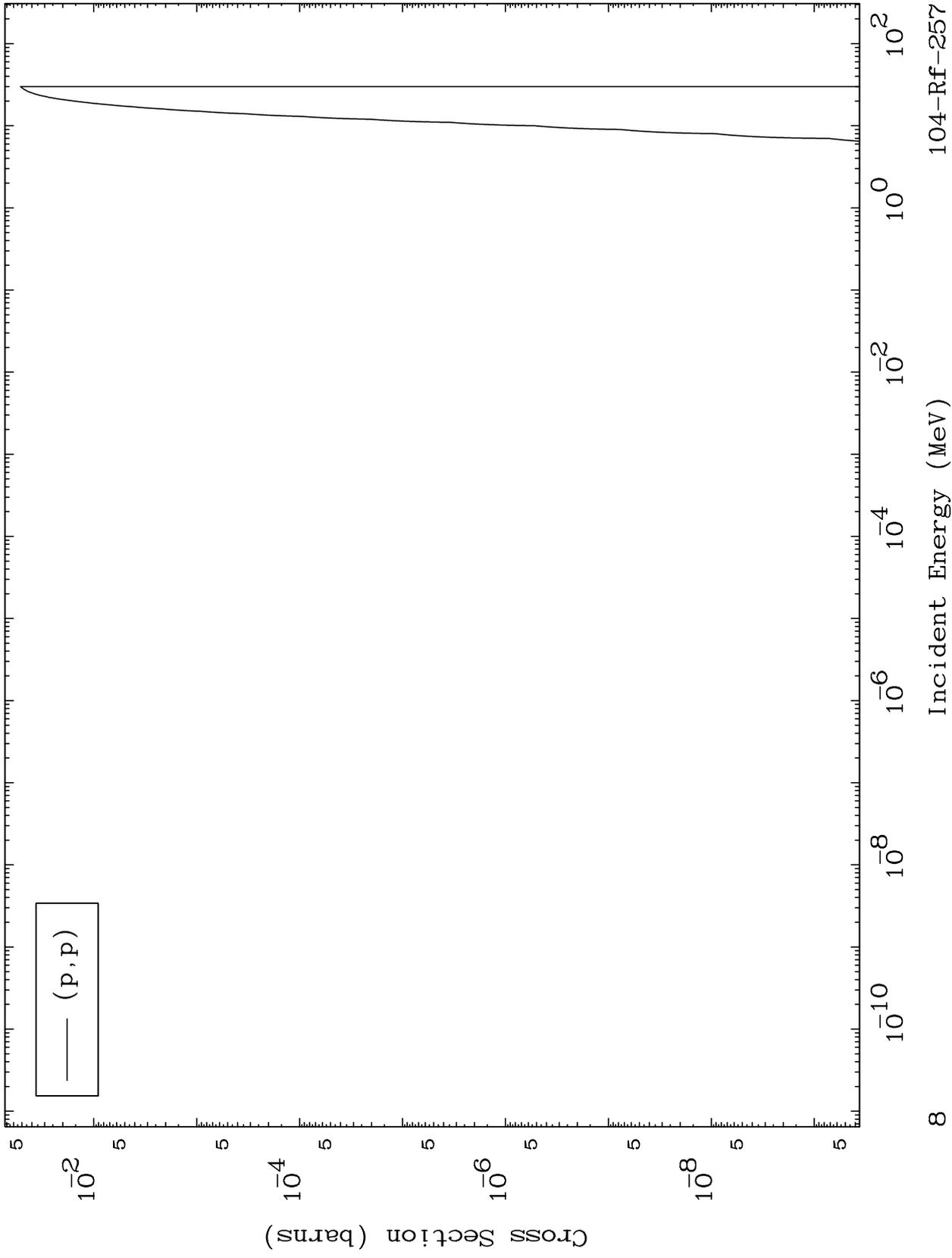
104-Rf-257



MAT 457

(p,p) Levels
0 Kelvin Cross Sections

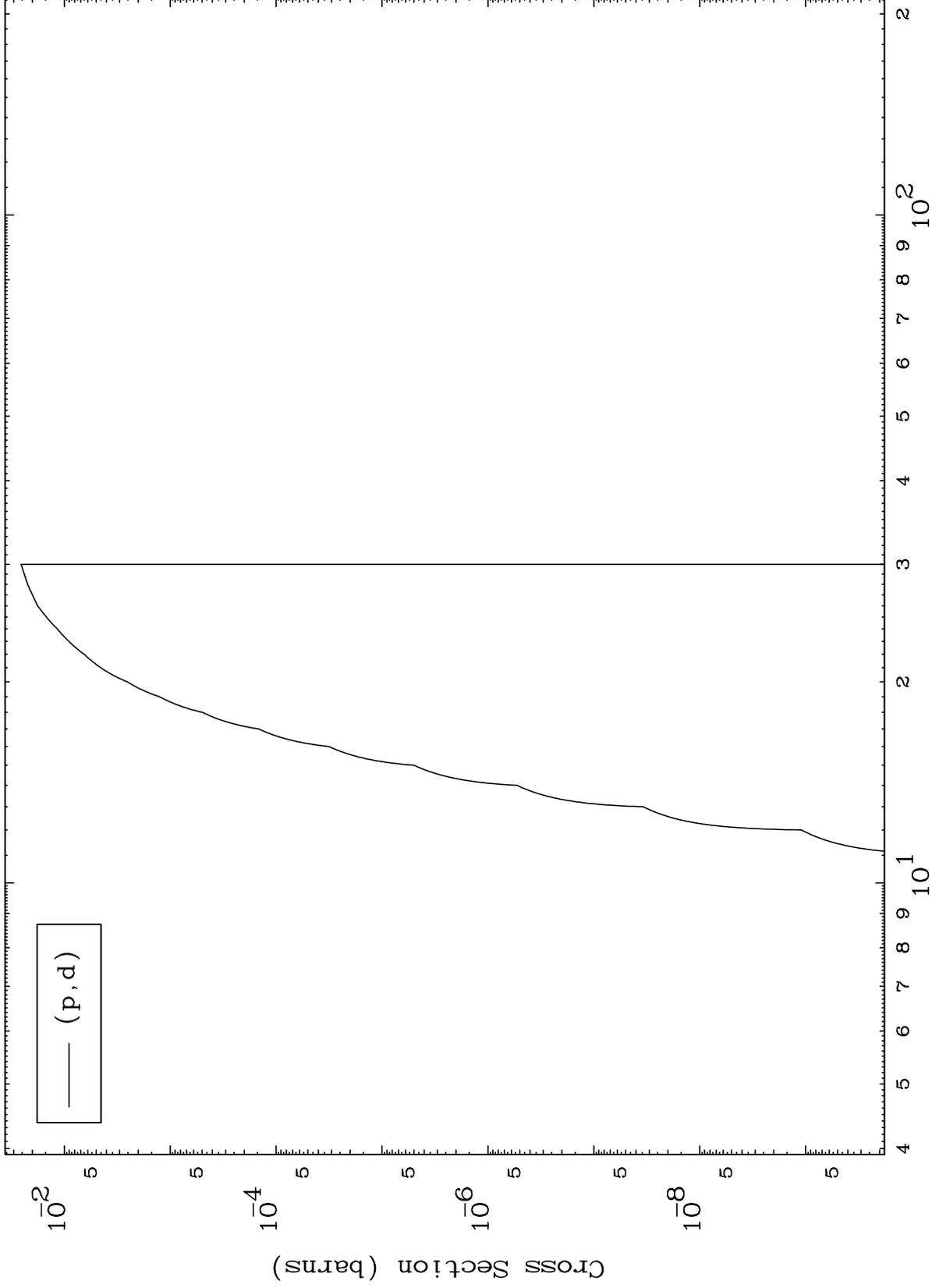
104-Rf-257



MAT 457

(p,d) Levels
0 Kelvin Cross Sections

104-Rf-257



9

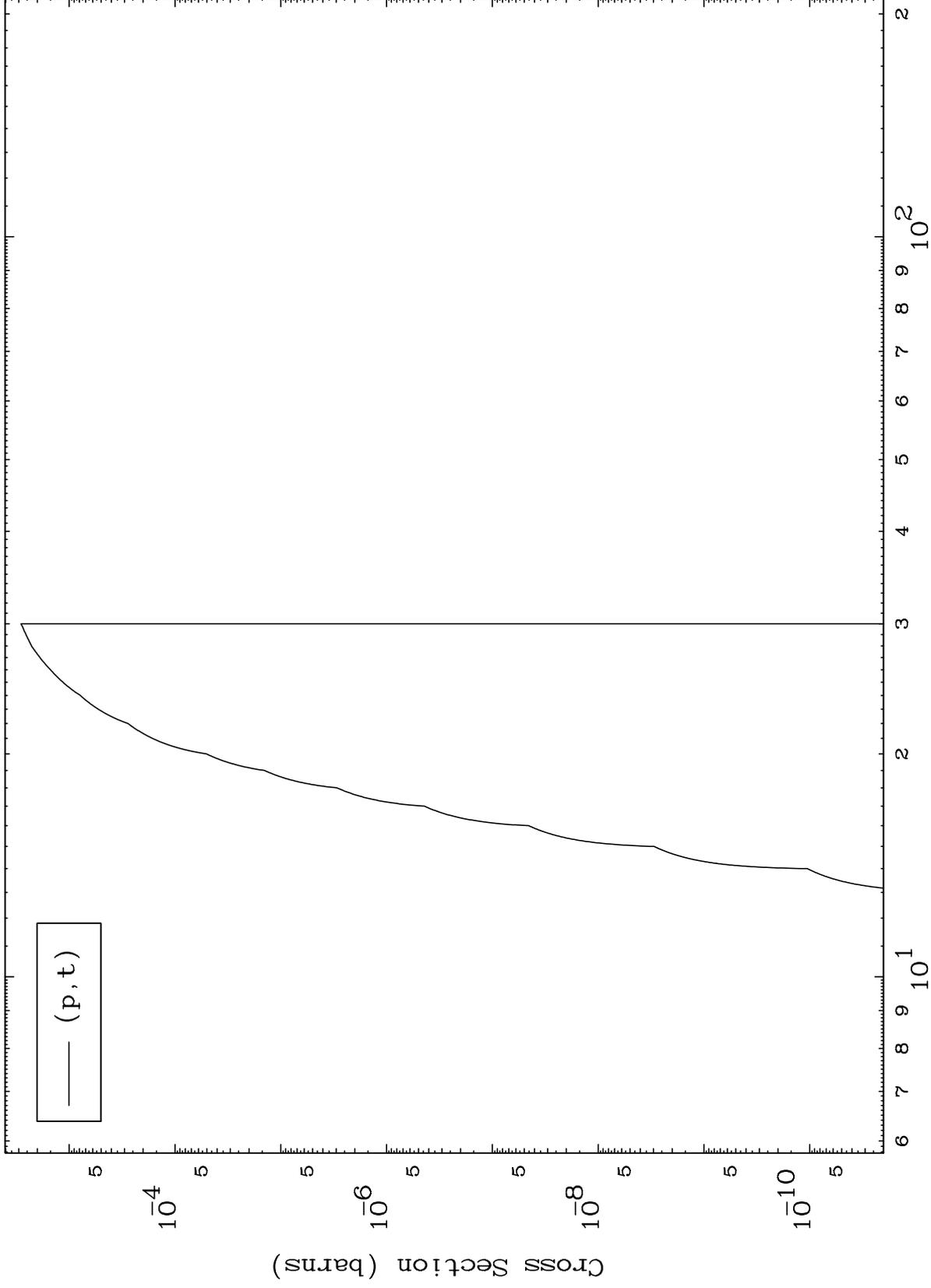
Incident Energy (MeV)

104-Rf-257

MAT 457

(p, t) Levels
0 Kelvin Cross Sections

104-Rf-257



10

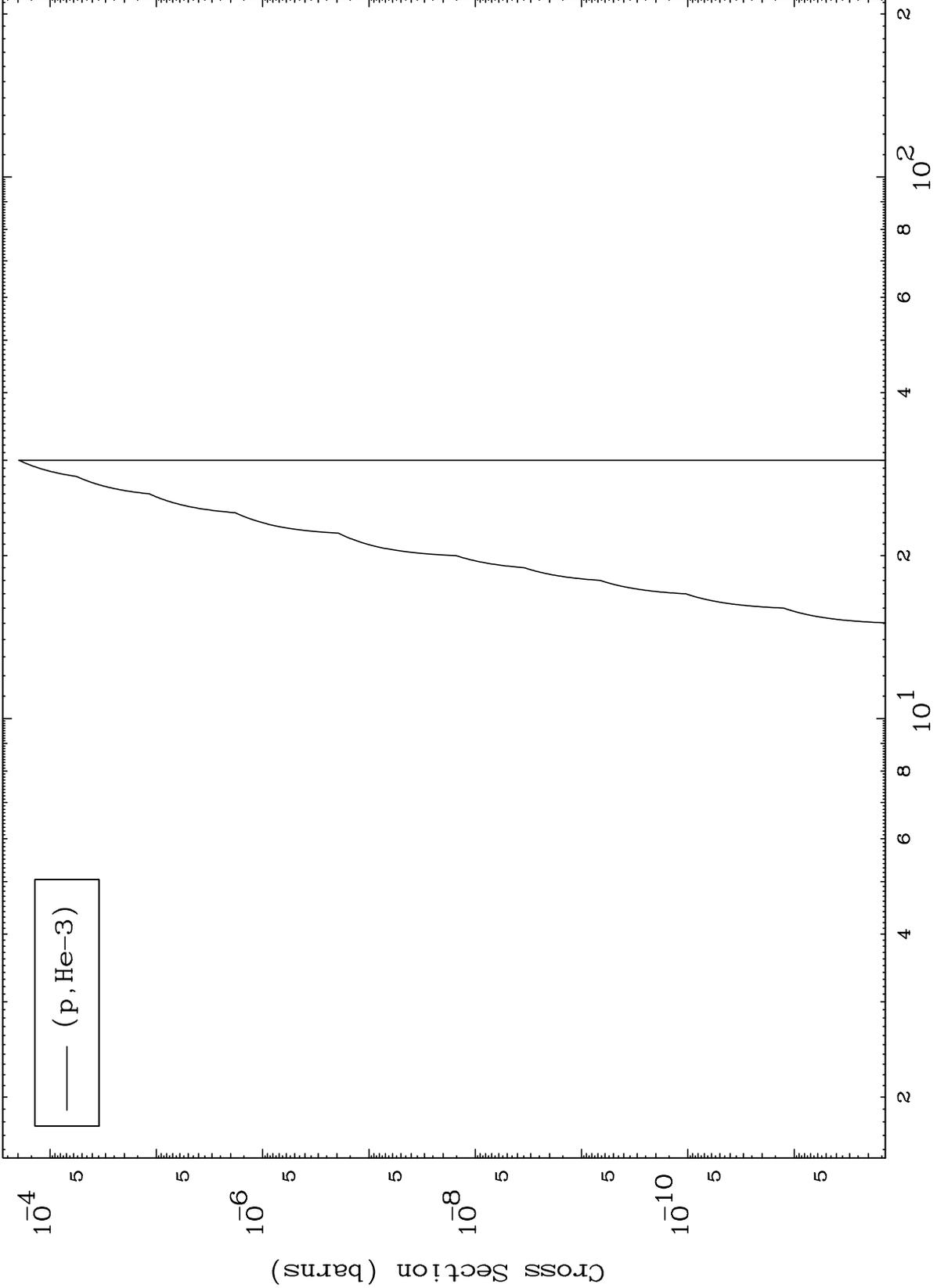
Incident Energy (MeV)

104-Rf-257

MAT 457

(p,He3) Levels
0 Kelvin Cross Sections

104-Rf-257



11

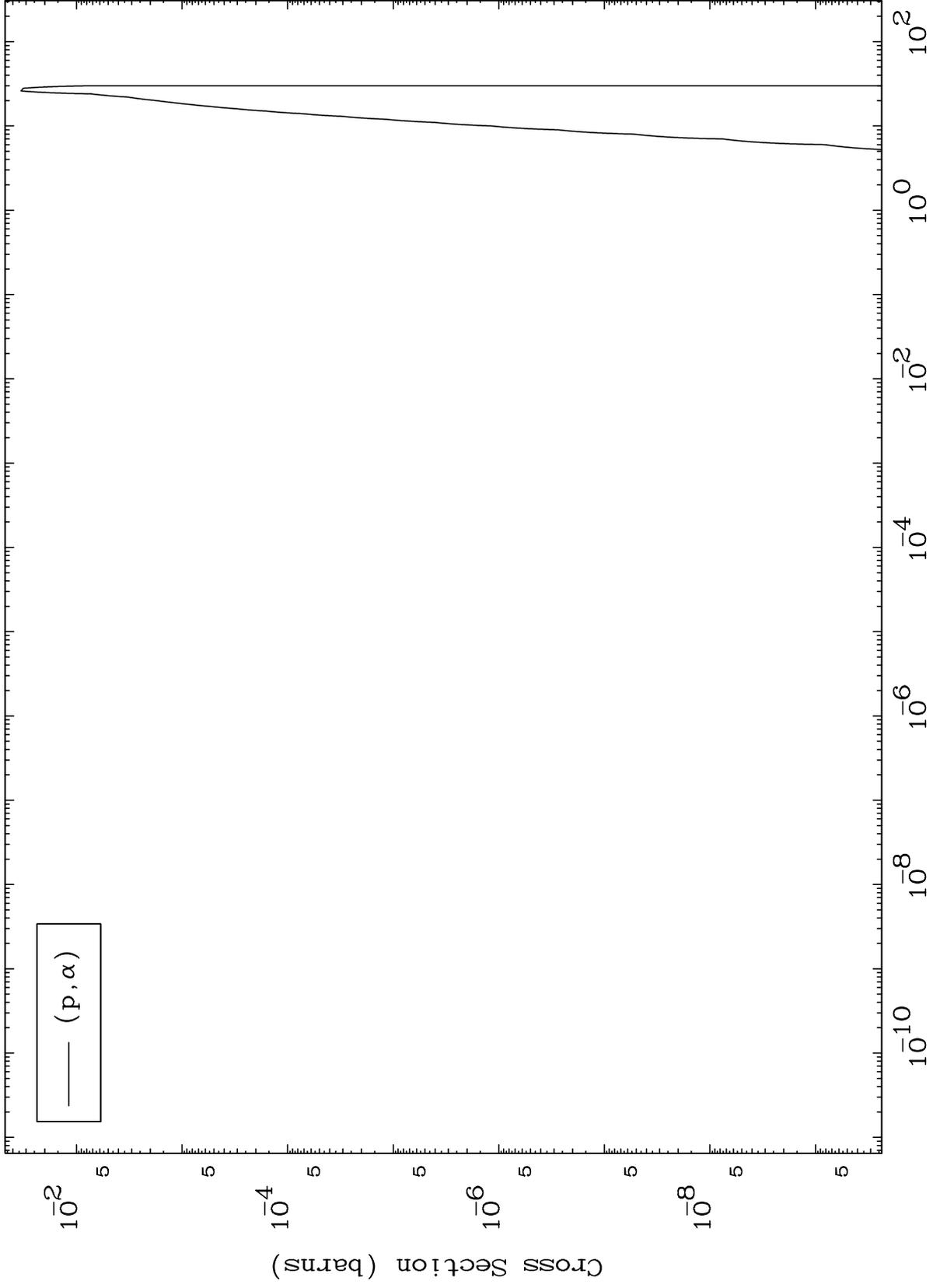
Incident Energy (MeV)

104-Rf-257

MAT 457

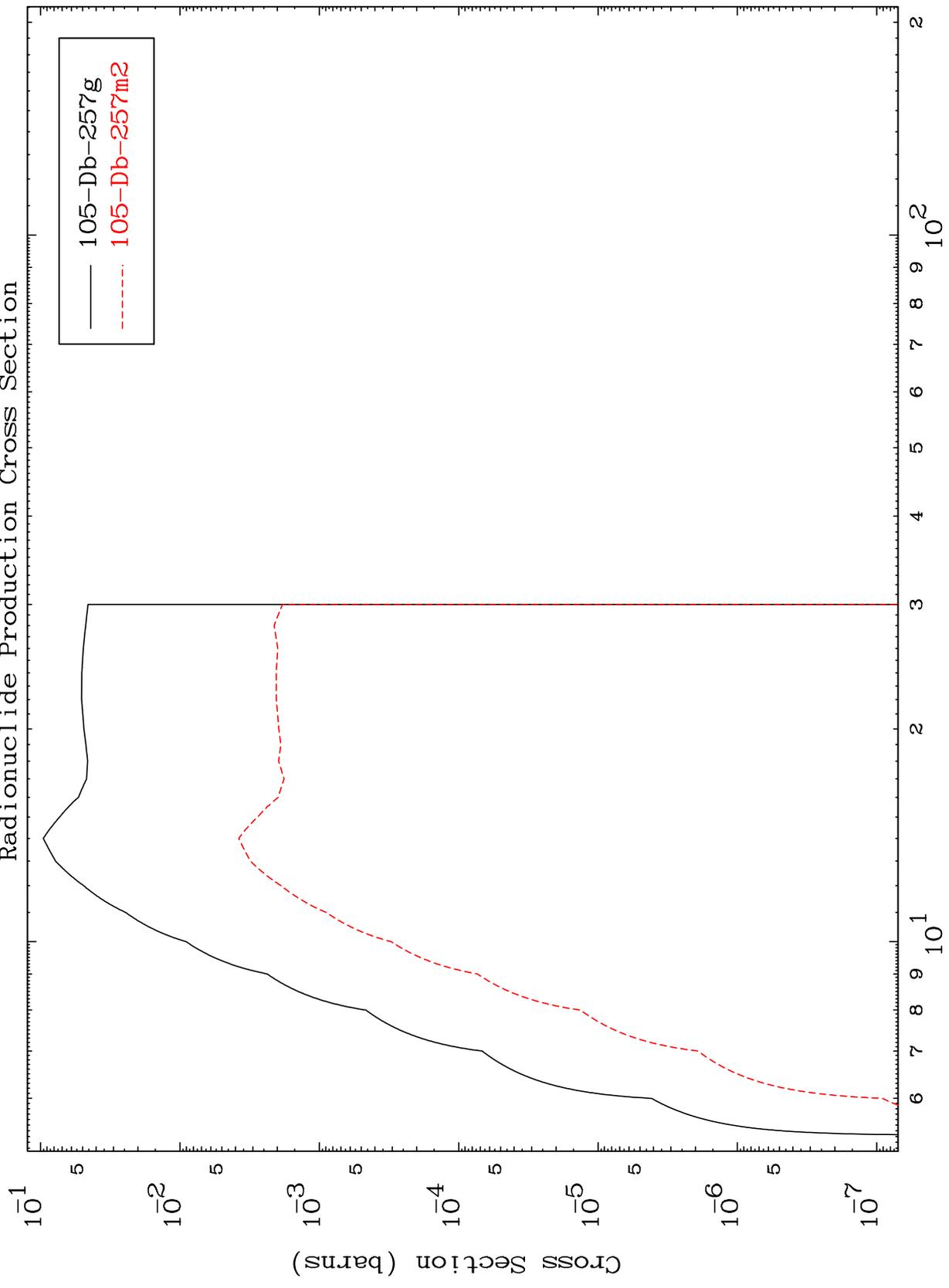
(p, α) Levels
0 Kelvin Cross Sections

104-Rf-257



12

Proton Inelastic
Radionuclide Production Cross Section

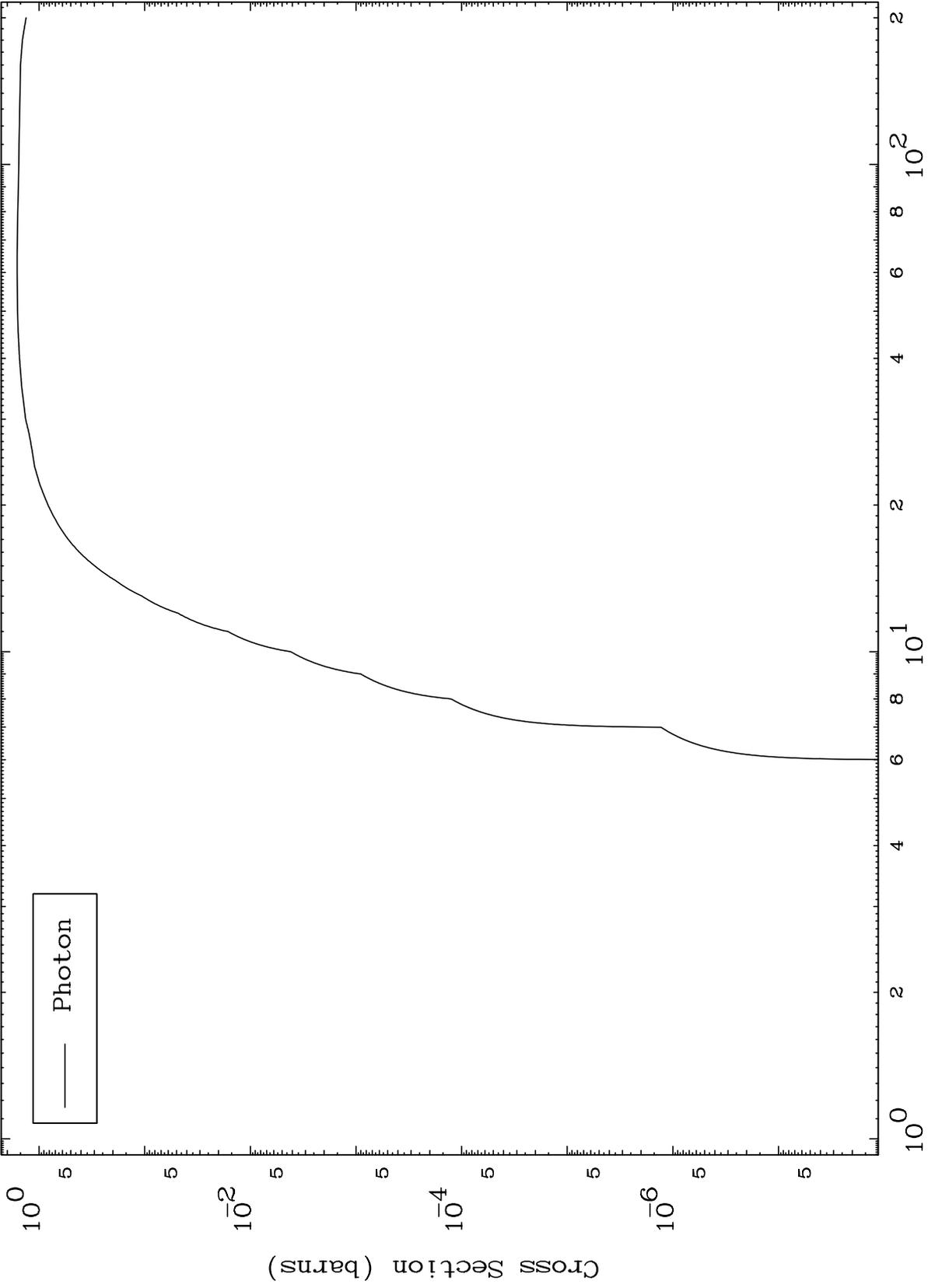


MAT 457

Proton Fission

104-Rf-257

Radionuclide Production Cross Section



Incident Energy (MeV)

104-Rf-257

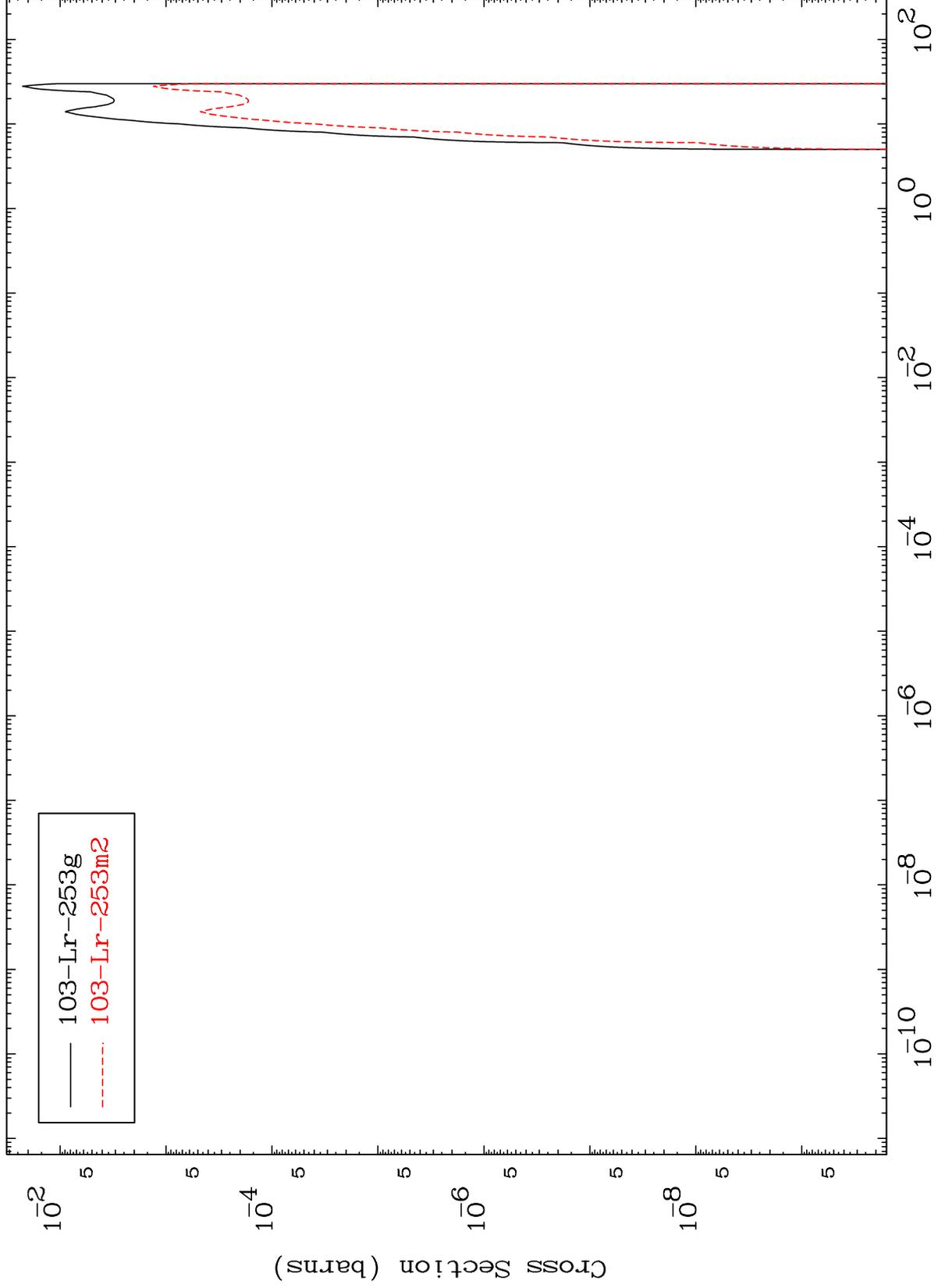
14

MAT 457

(p,n') α

104-Rf-257

Radionuclide Production Cross Section



— 103-Lr-253g
- - - 103-Lr-253m2

15

Incident Energy (MeV)

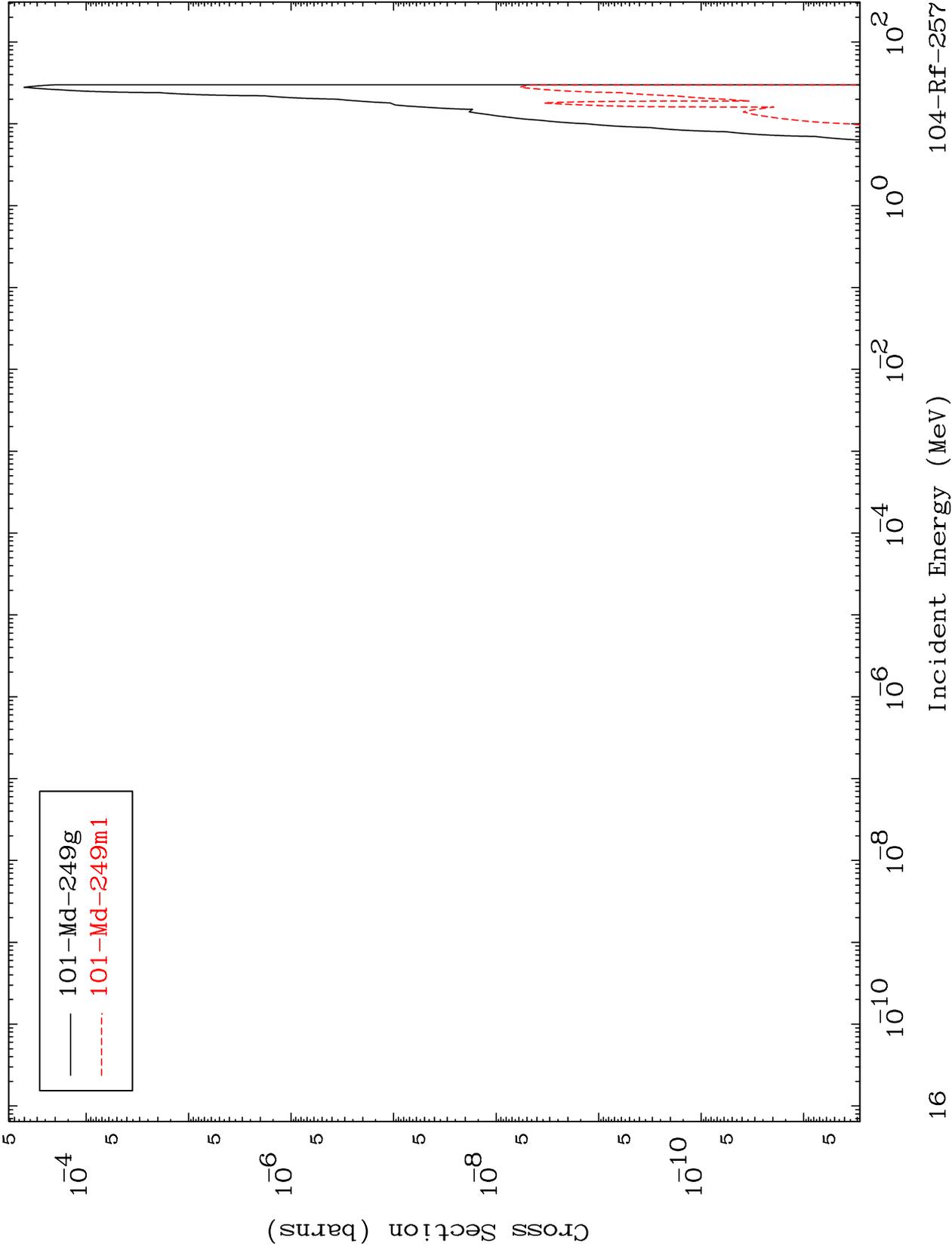
104-Rf-257

MAT 457

(p,n') 2 α

104-Rf-257

Radionuclide Production Cross Section



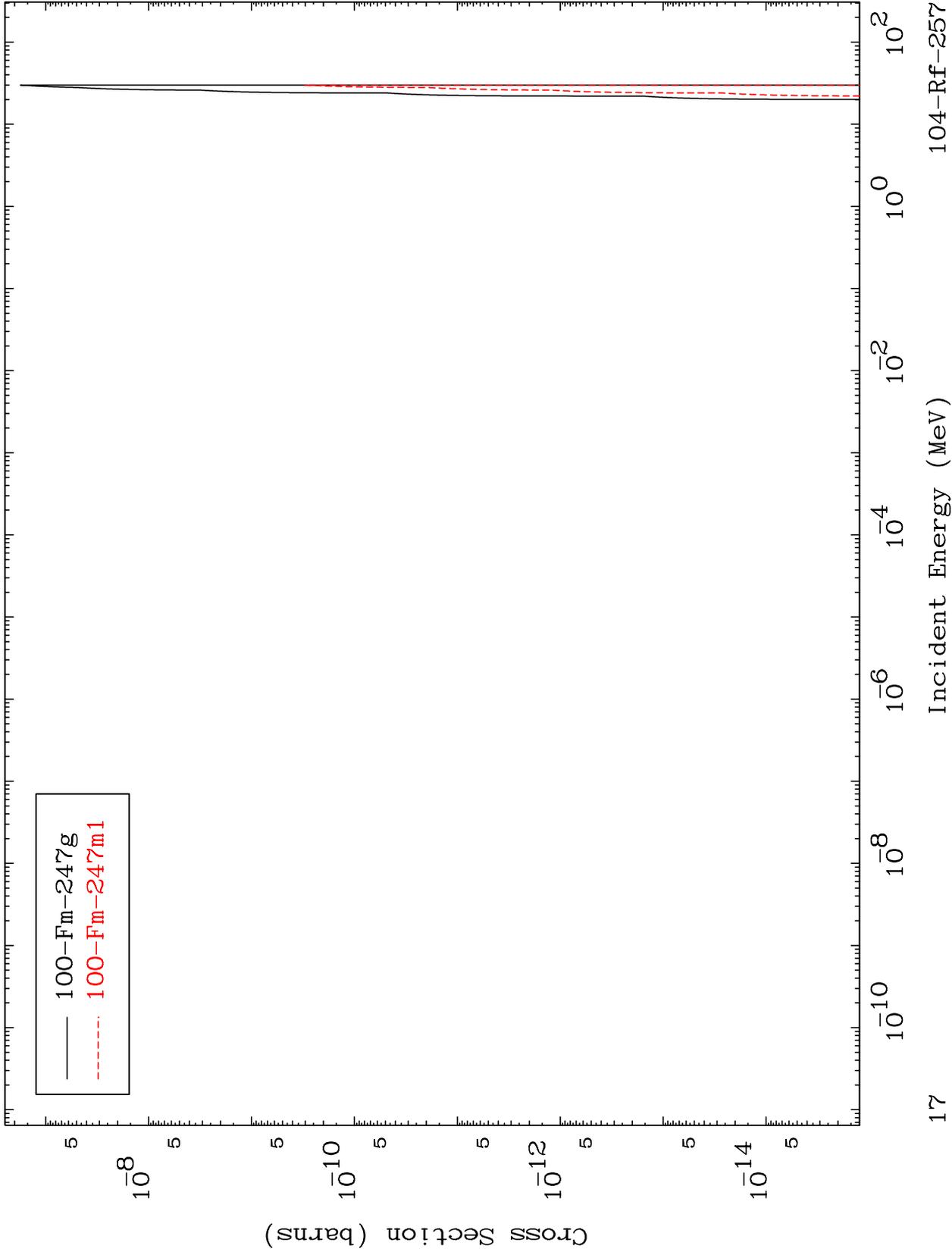
101-Md-249g
101-Md-249m1

MAT 457

(p,n') d,2 α

104-Rf-257

Radionuclide Production Cross Section



17

Incident Energy (MeV)

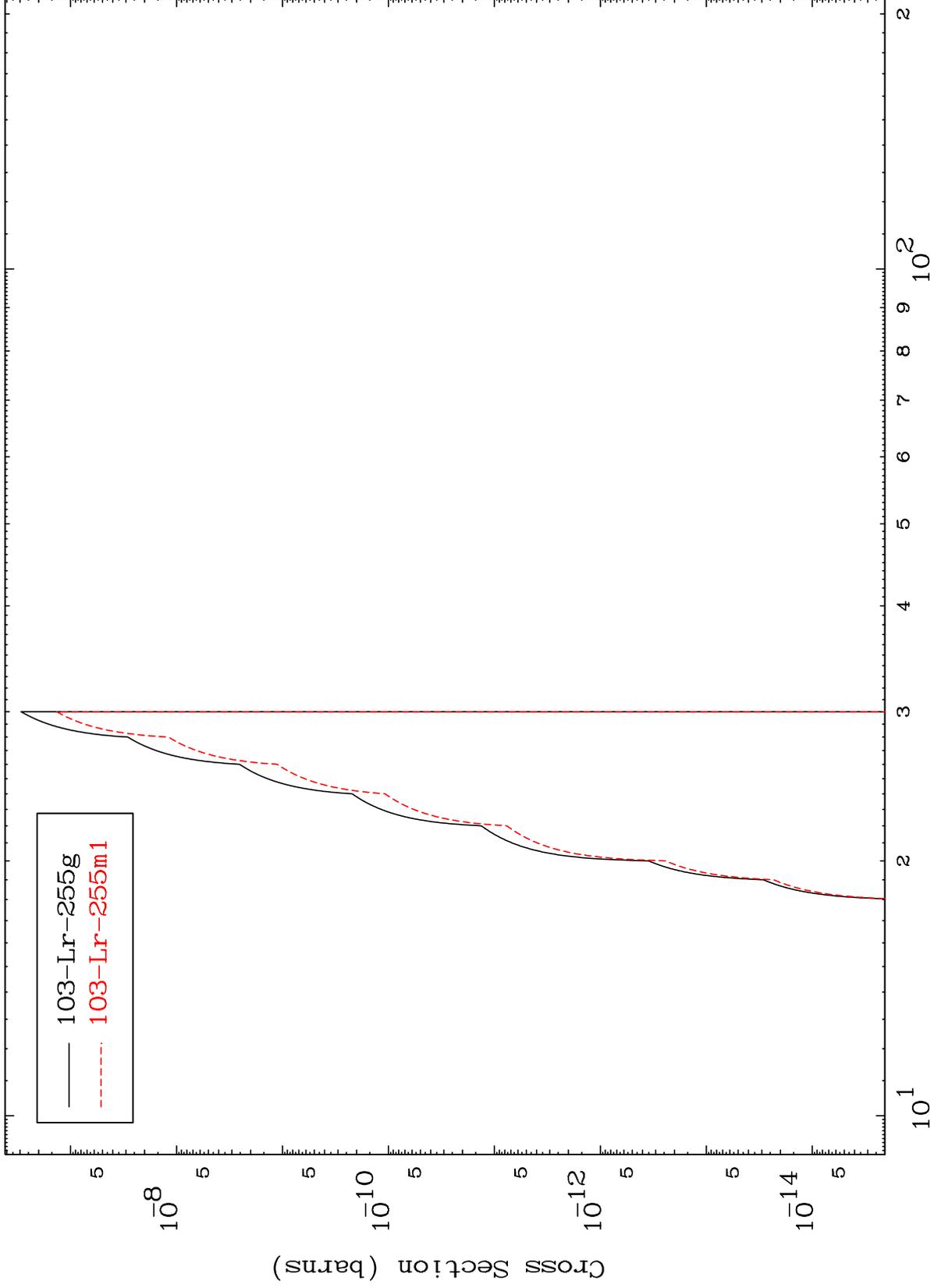
104-Rf-257

MAT 457

(p,2n) p

104-Rf-257

Radionuclide Production Cross Section



18

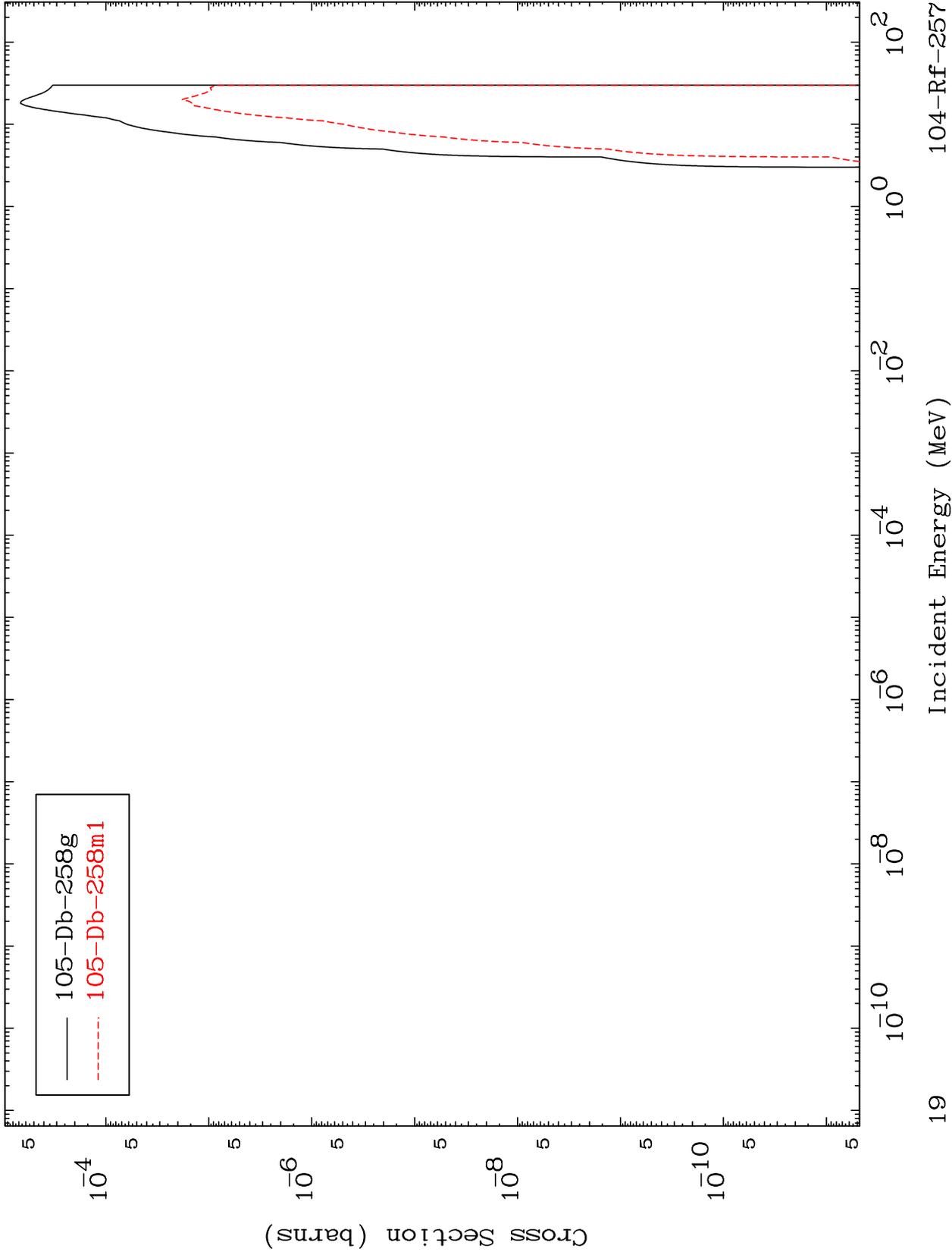
Incident Energy (MeV)

104-Rf-257

MAT 457

104-Rf-257

(p, γ)
Radionuclide Production Cross Section

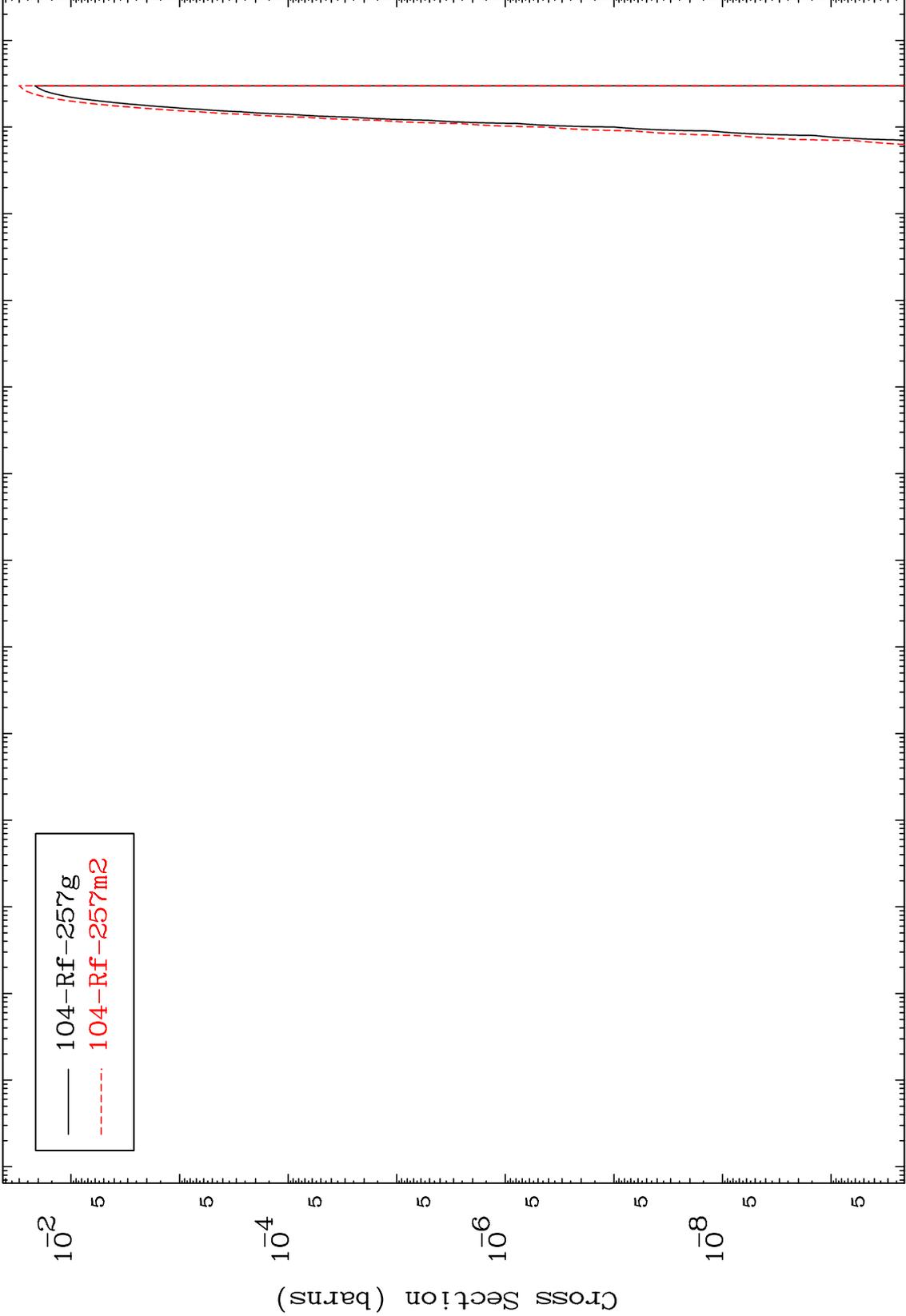


MAT 457

(p,p)

104-Rf-257

Radionuclide Production Cross Section



104-Rf-257

10⁻²

10⁻⁴

10⁻⁶

10⁻⁸

10⁻¹⁰

10⁰

10²

Incident Energy (MeV)

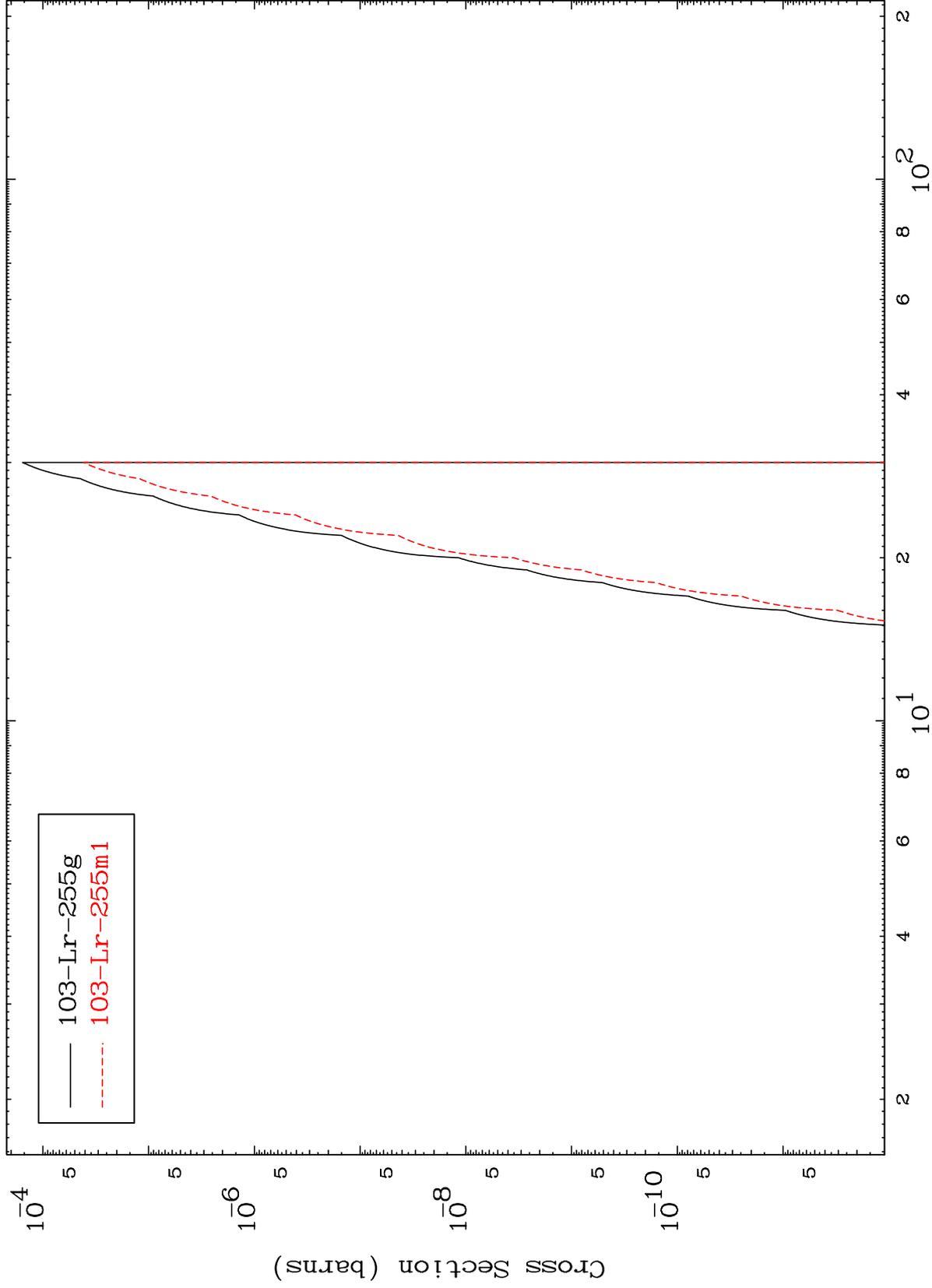
104-Rf-257

20

MAT 457

104-Rf-257

(p,He-3)
Radionuclide Production Cross Section



21

104-Rf-257

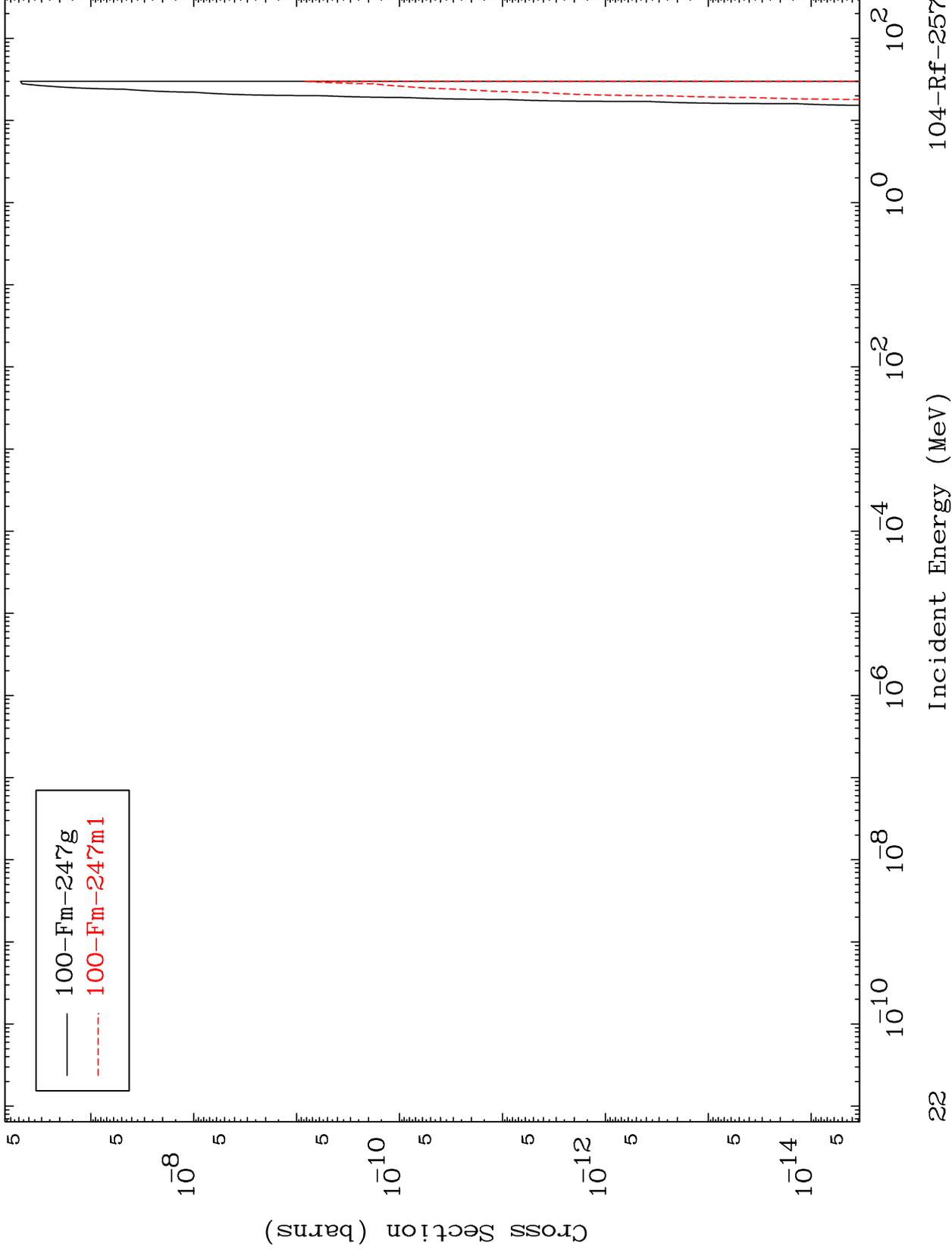
Incident Energy (MeV)

MAT 457

(p,t) 2α

104-Rf-257

Radionuclide Production Cross Section



22

Incident Energy (MeV)

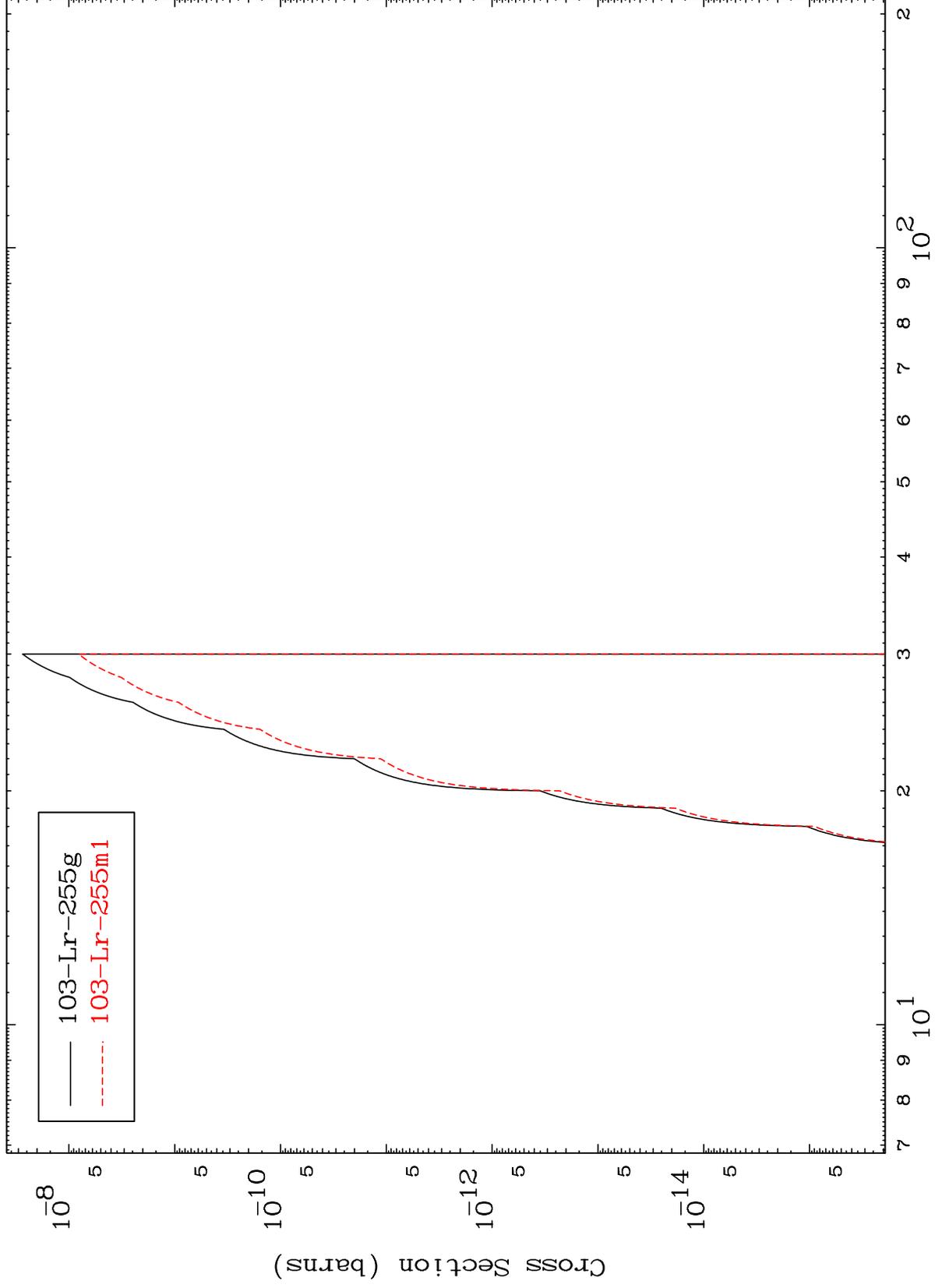
104-Rf-257

MAT 457

(p,p) d

104-Rf-257

Radionuclide Production Cross Section



23

Incident Energy (MeV)

104-Rf-257