

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

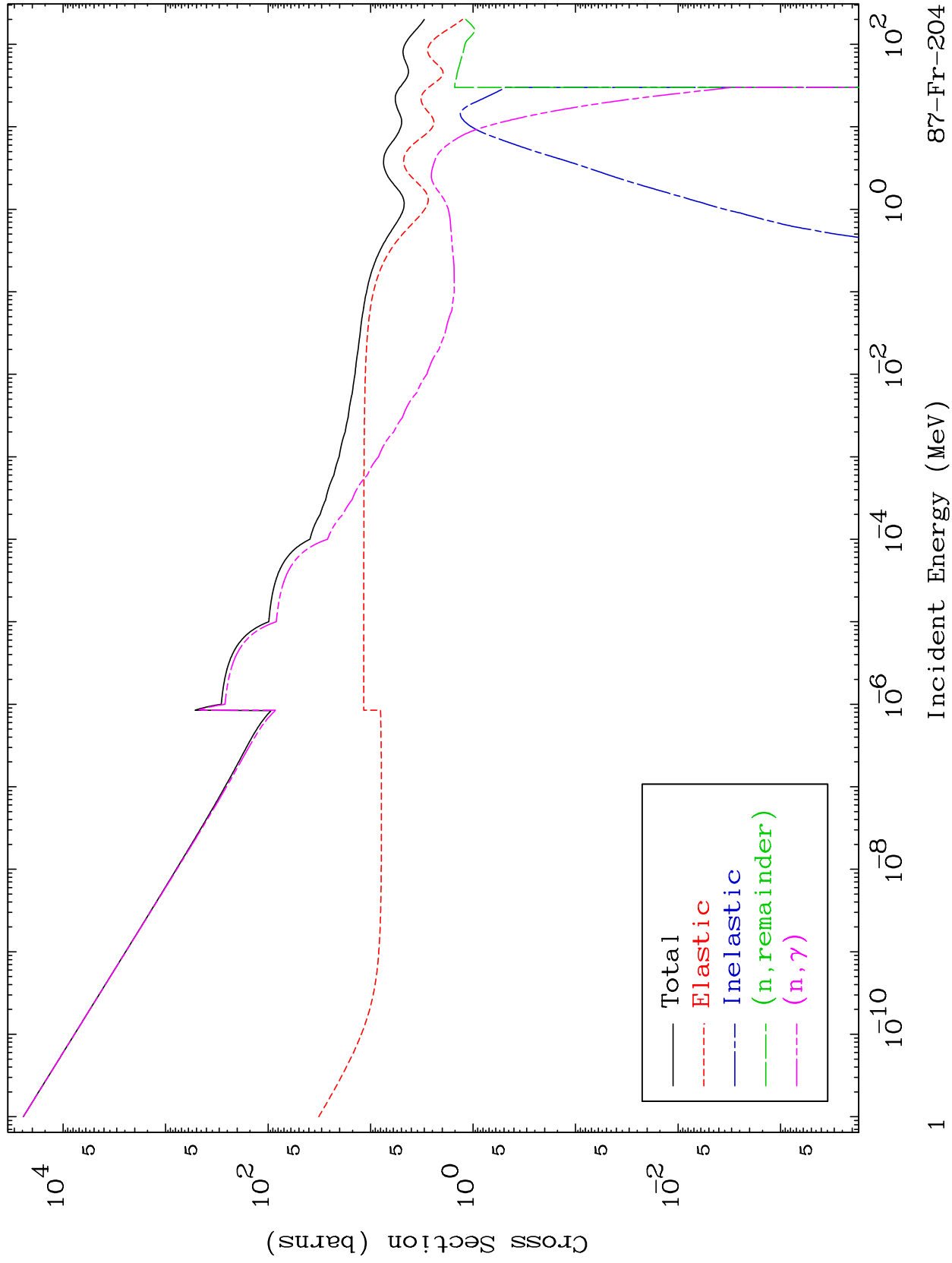
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8702

Major  
293 Kelvin Cross Sections

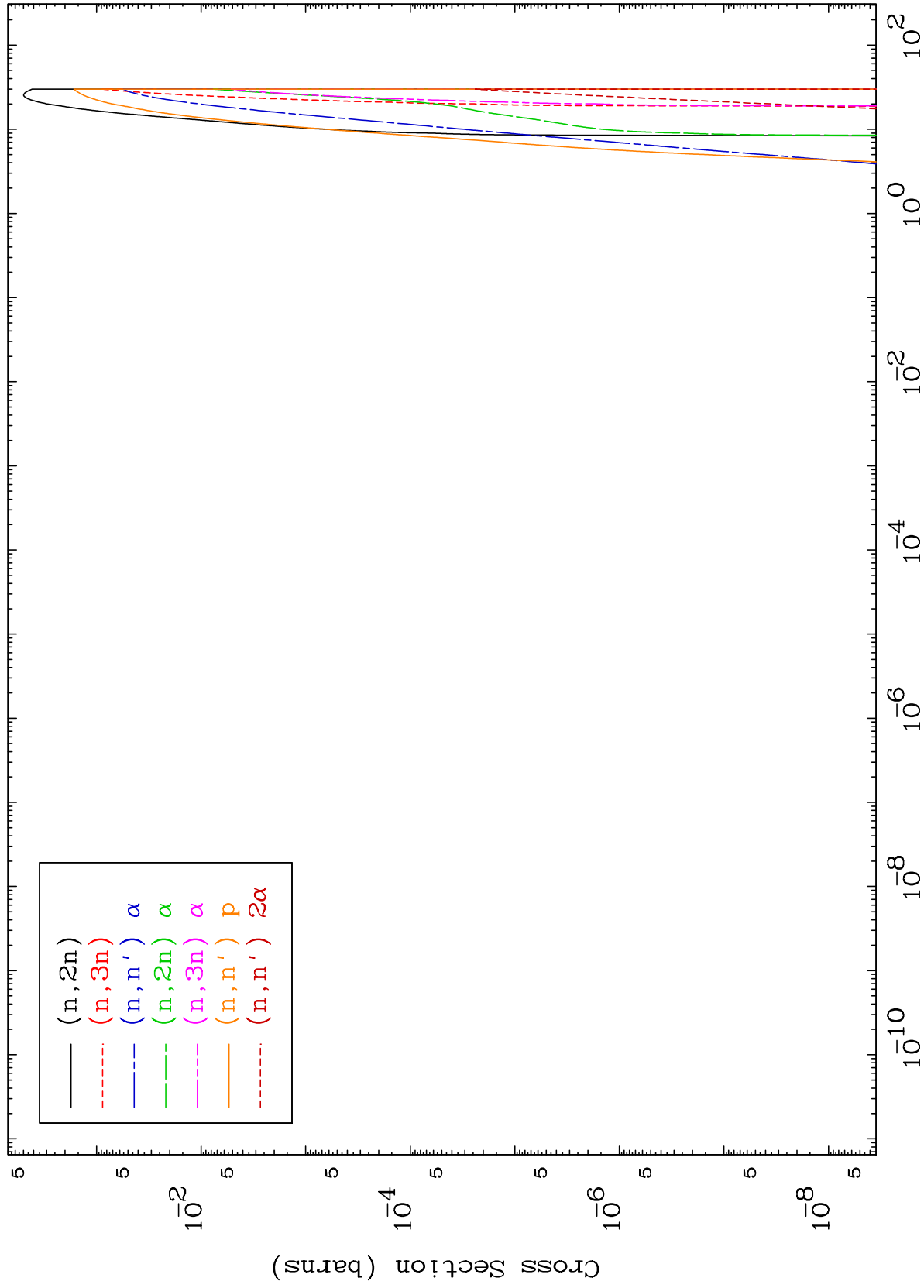
87-Fr-204



MAT 8702

Neutron Production  
293 Kelvin Cross Sections

87-Fr-204



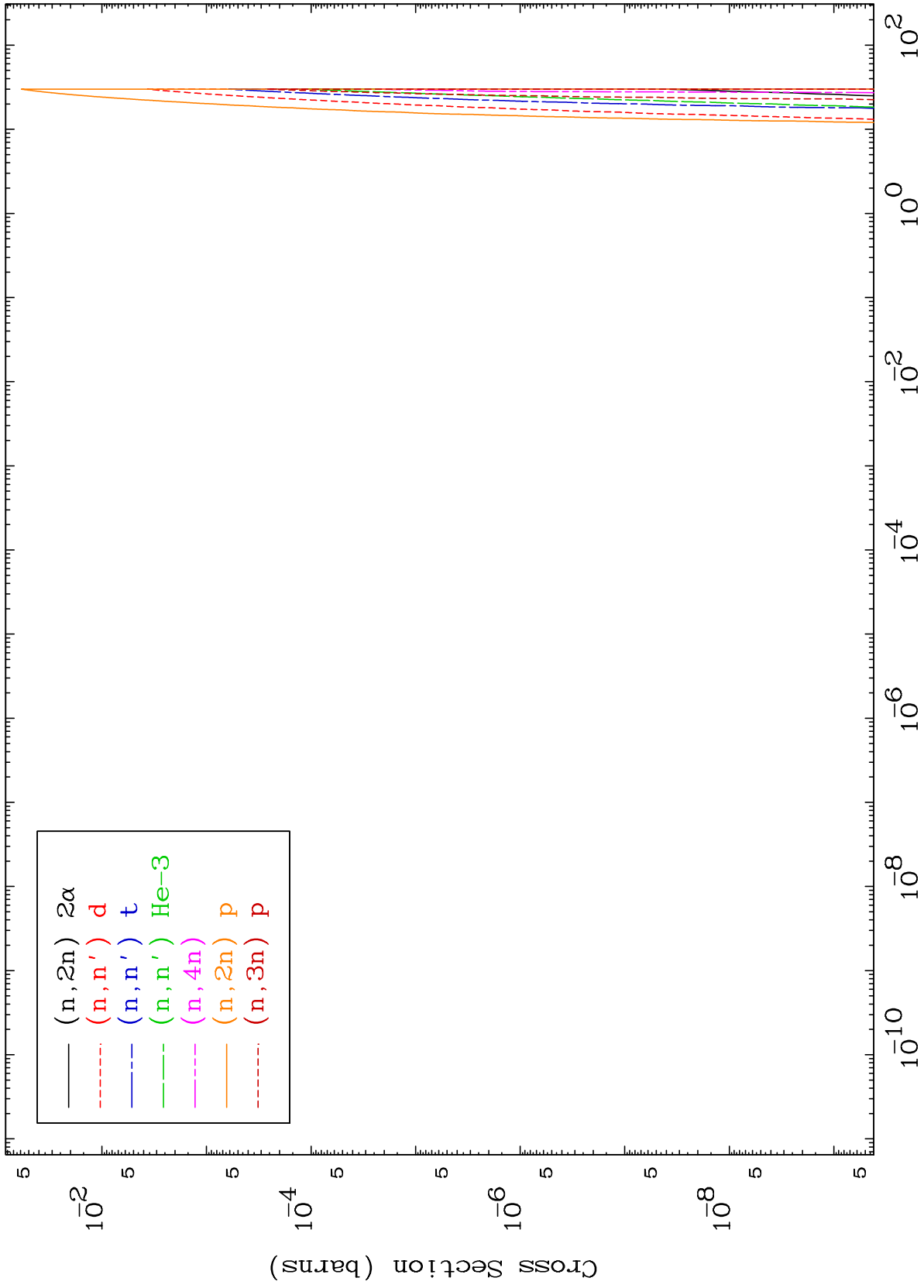
2

87-Fr-204

MAT 8702

Neutron Production  
293 Kelvin Cross Sections

87-Fr-204

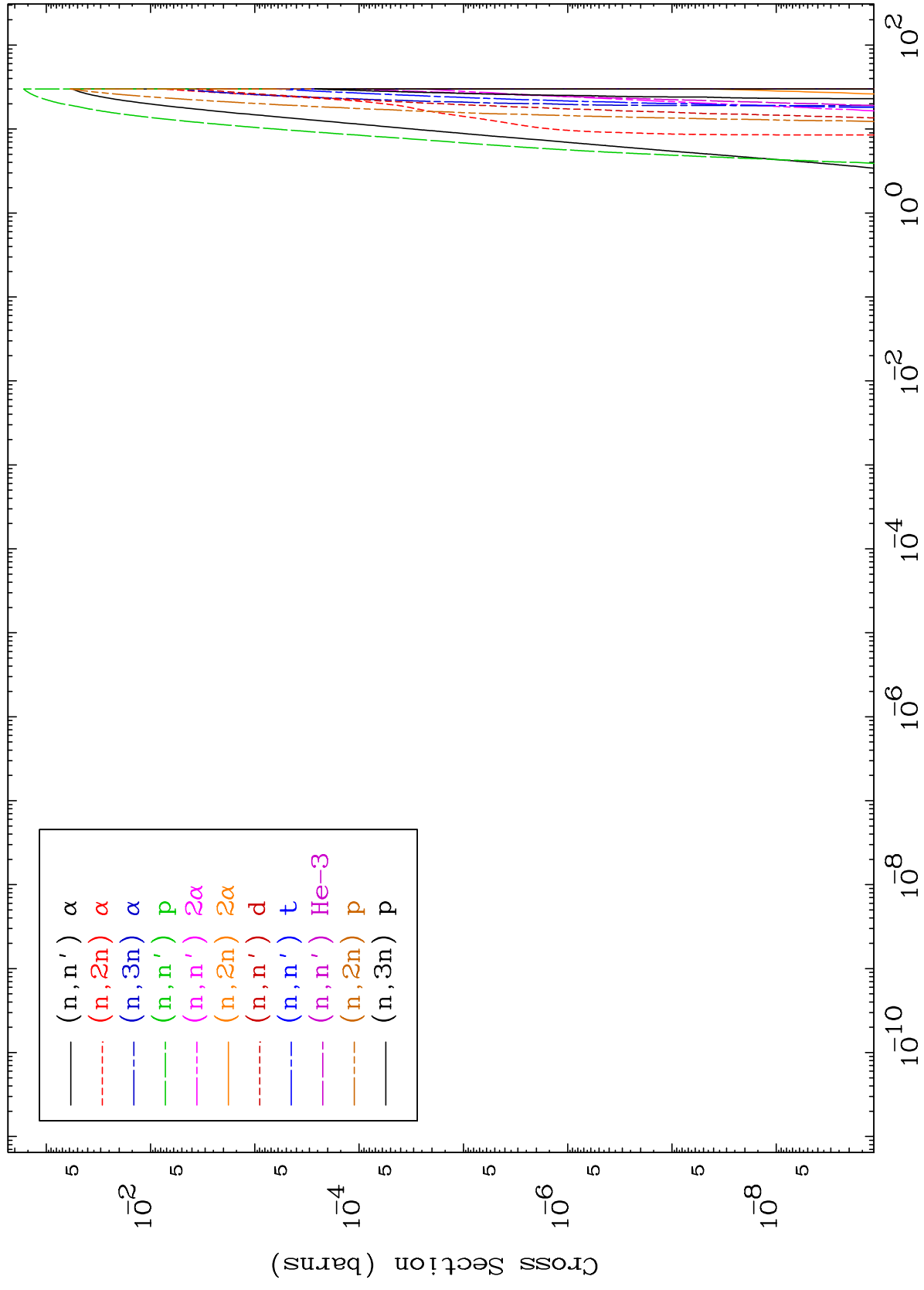


87-Fr-204

MAT 8702

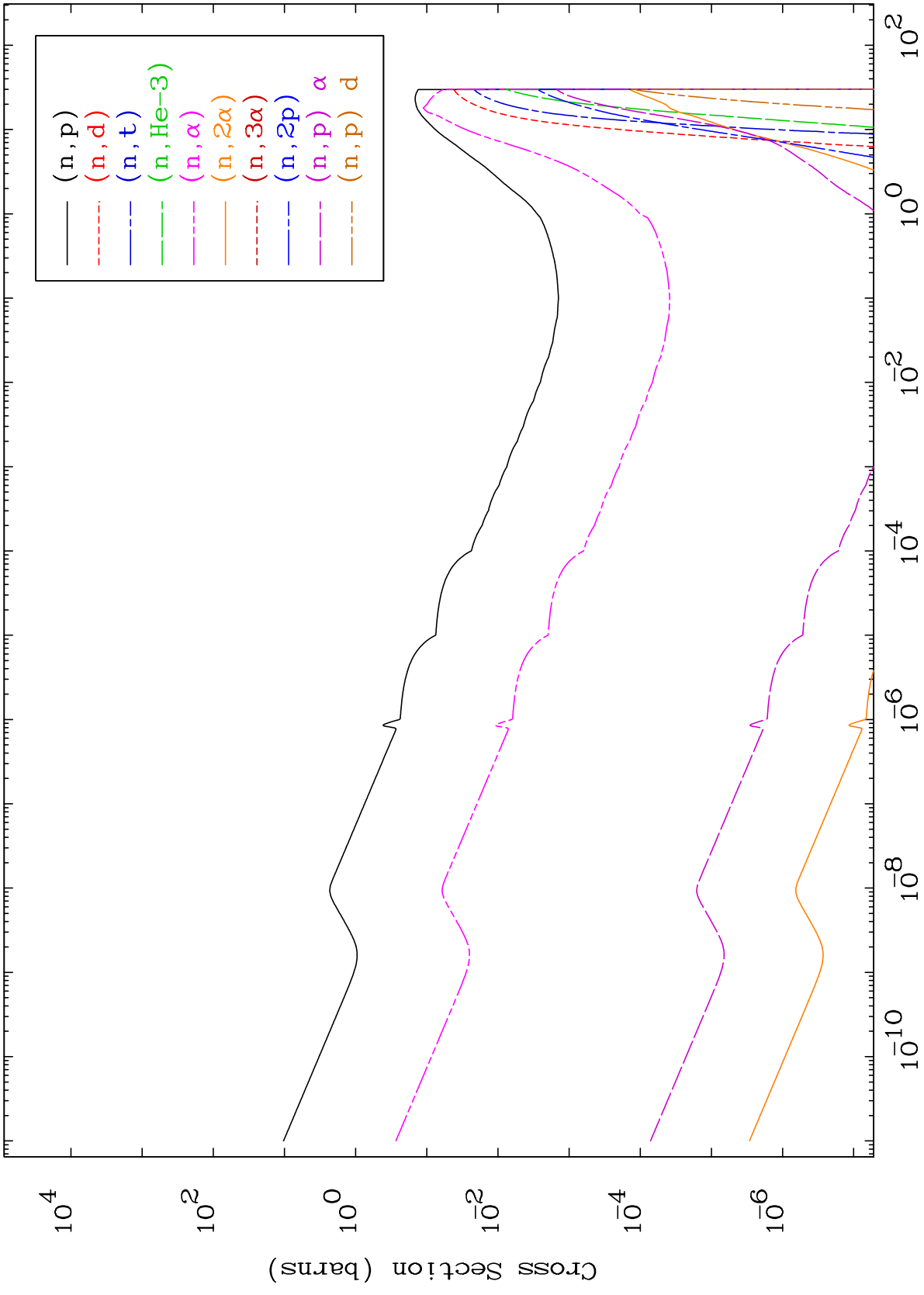
Charged Particle  
293 Kelvin Cross Sections

87-Fr-204



87-Fr-204

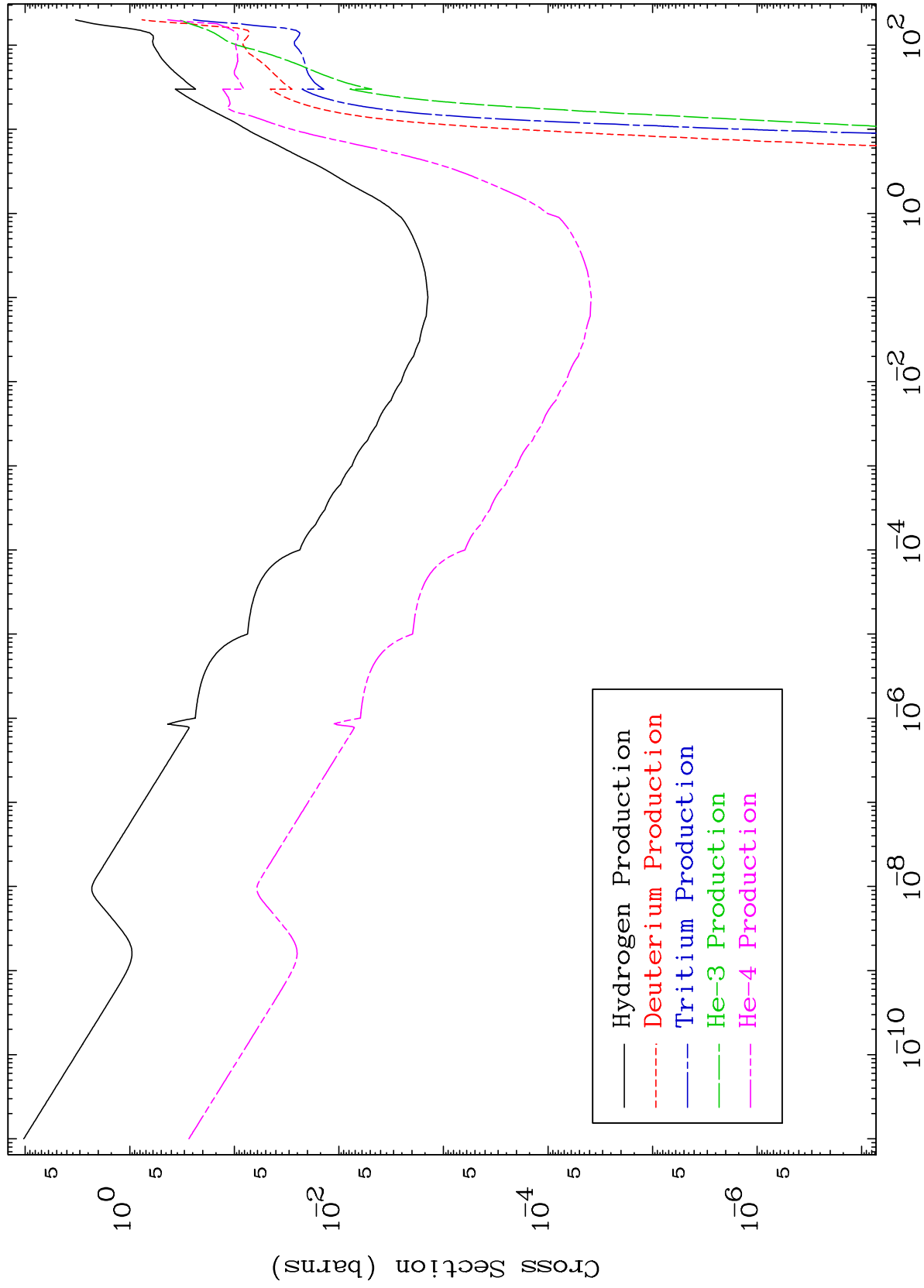
Incident Energy (MeV)



MAT 8702

Particle Production  
293 Kelvin Cross Sections

87-Fr-204



6

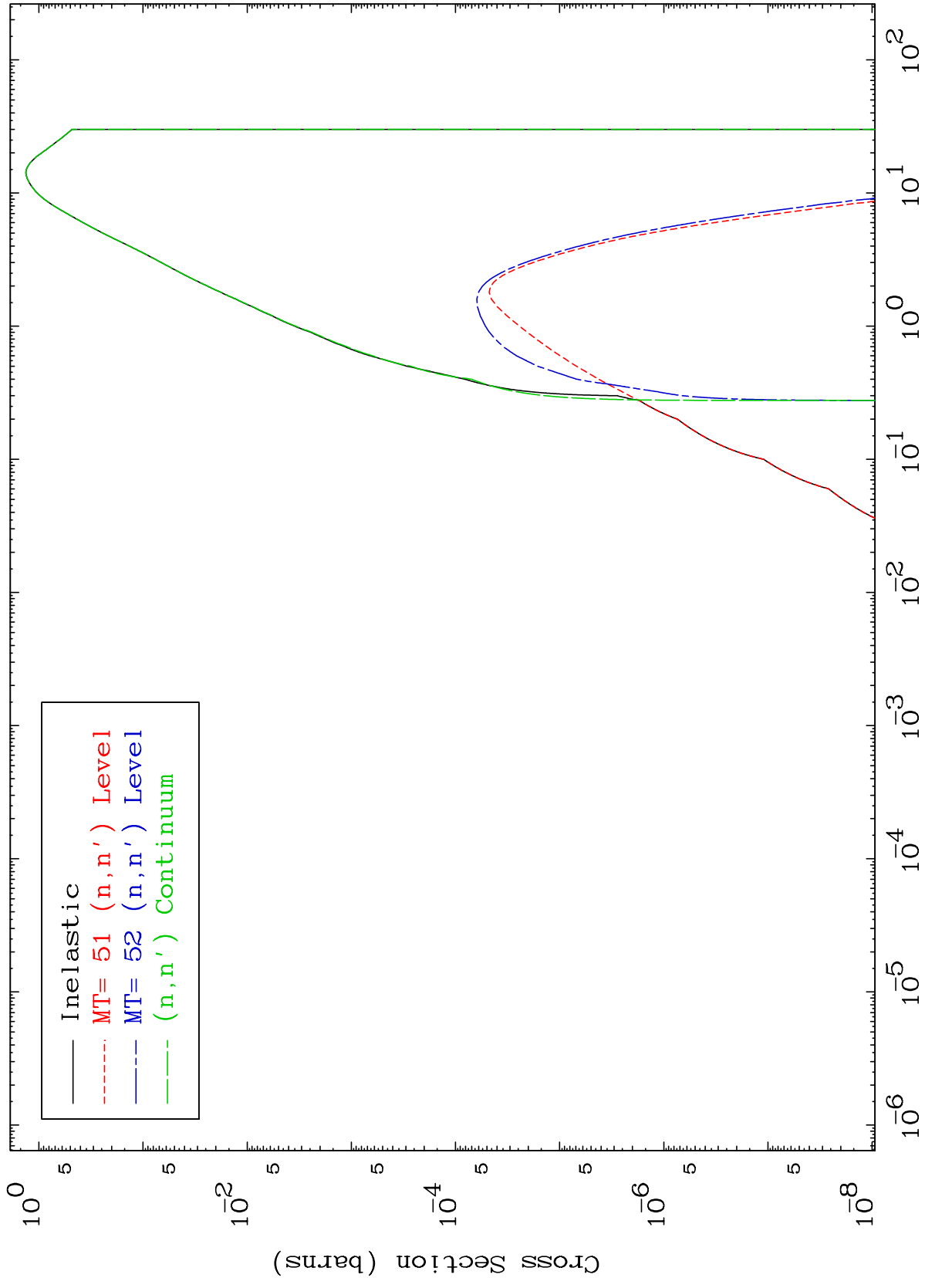
87-Fr-204

MAT 8702

(n,n') Level

87-Fr-204

293 Kelvin Cross Sections



7

Incident Energy (MeV)

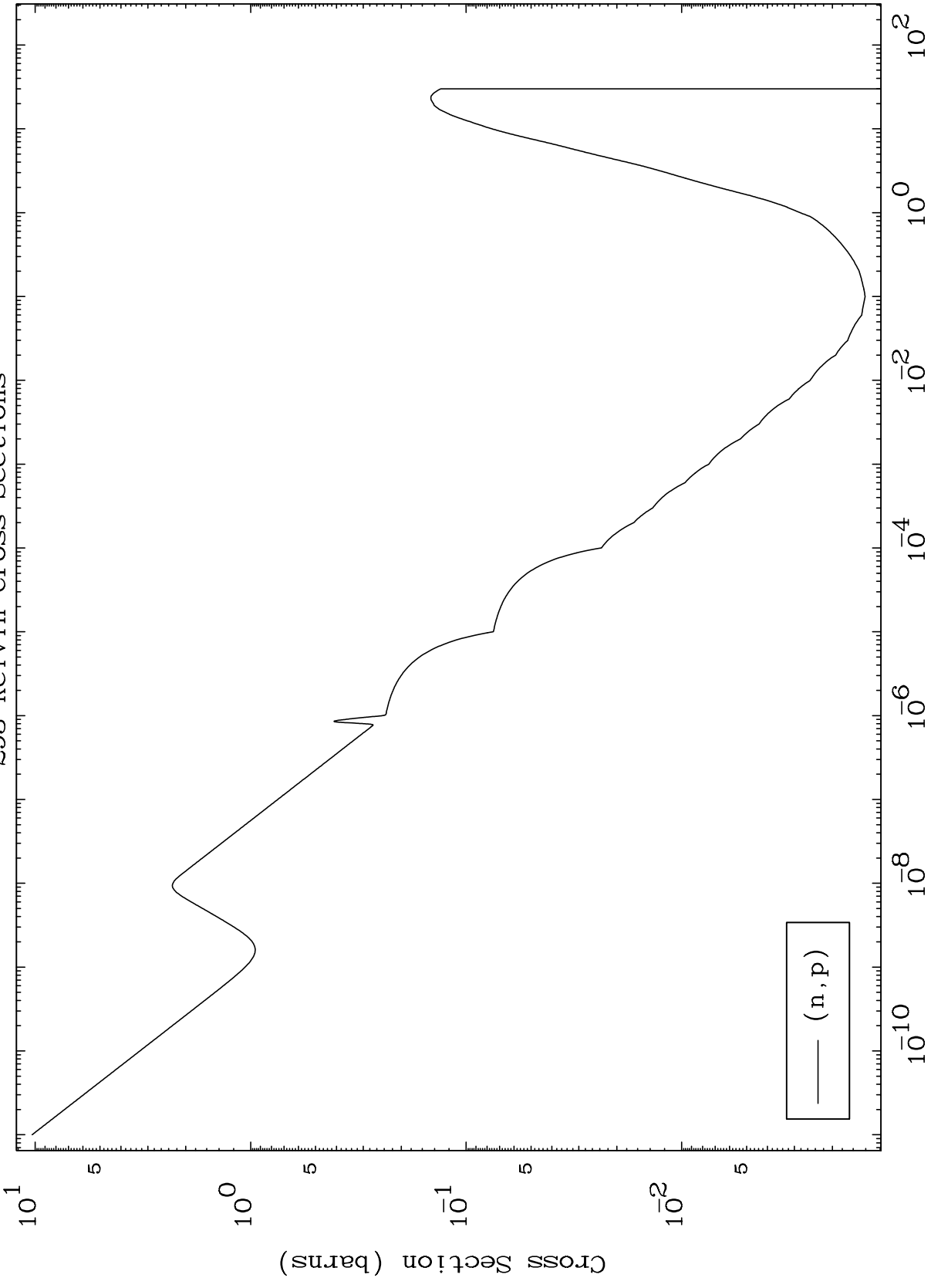
87-Fr-204



MAT 8702

(n,p) Levels  
293 Kelvin Cross Sections

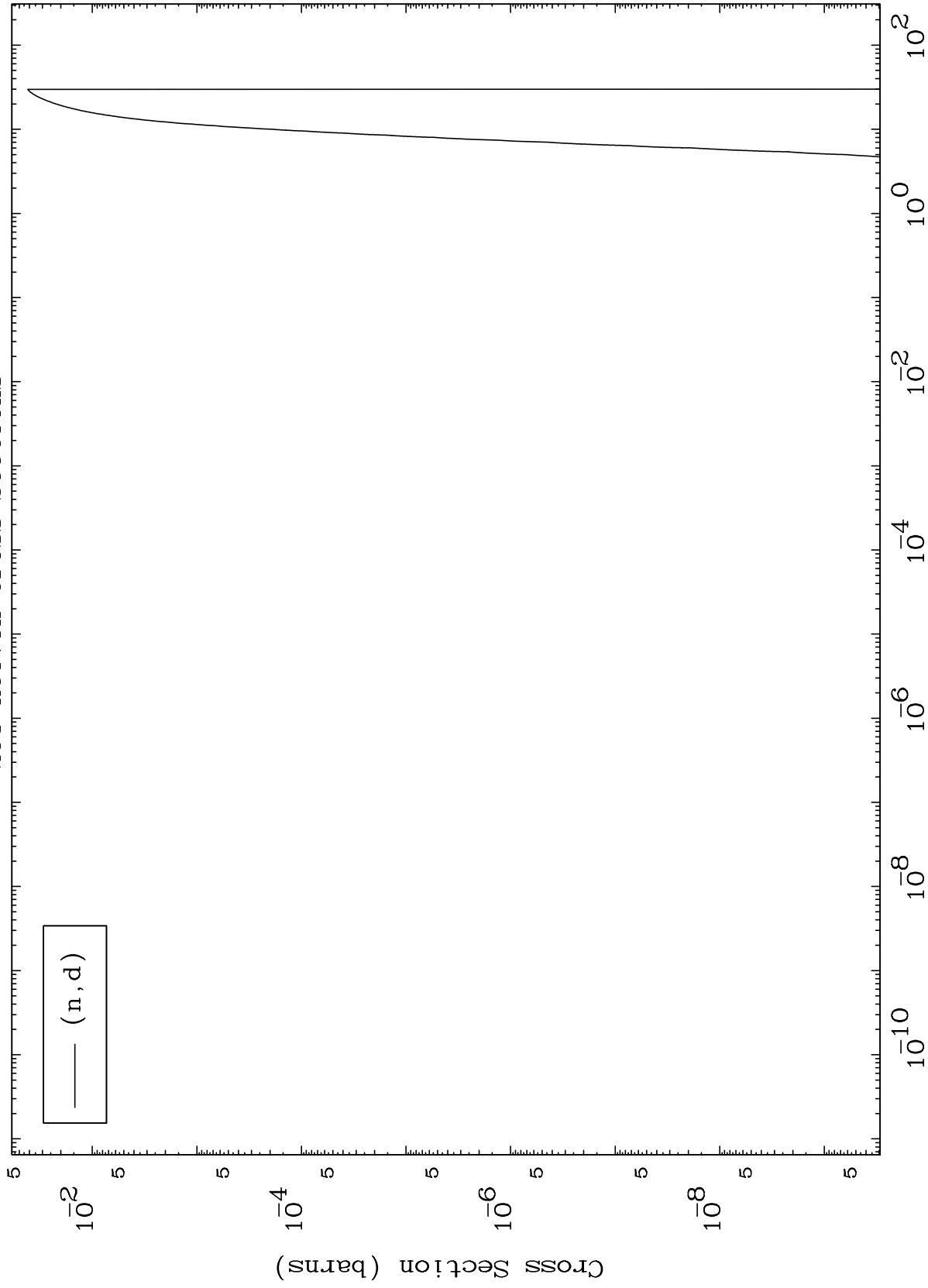
87-Fr-204



MAT 8702

(n,d) Levels  
293 Kelvin Cross Sections

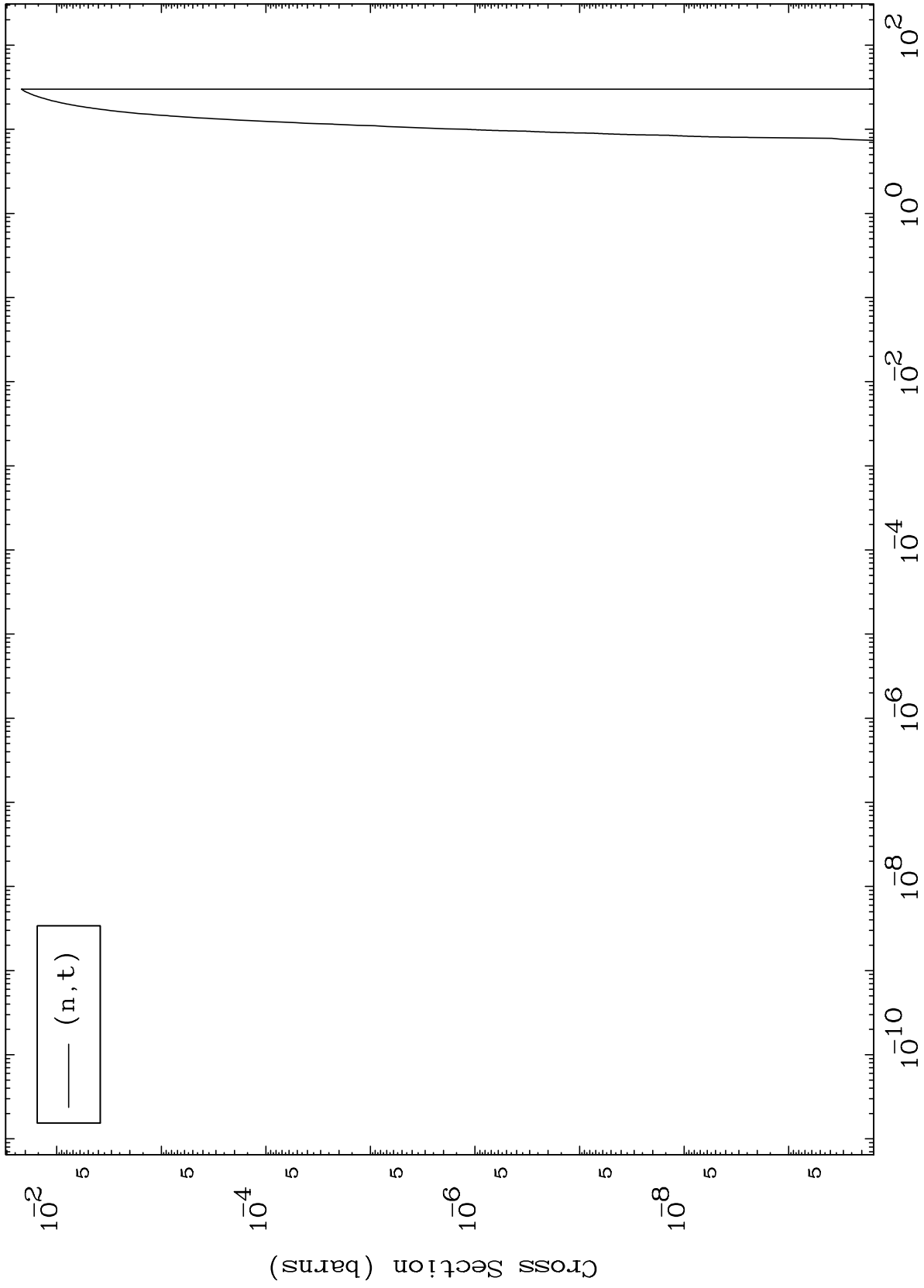
87-Fr-204



MAT 8702

(n,t) Levels  
293 Kelvin Cross Sections

87-Fr-204



10

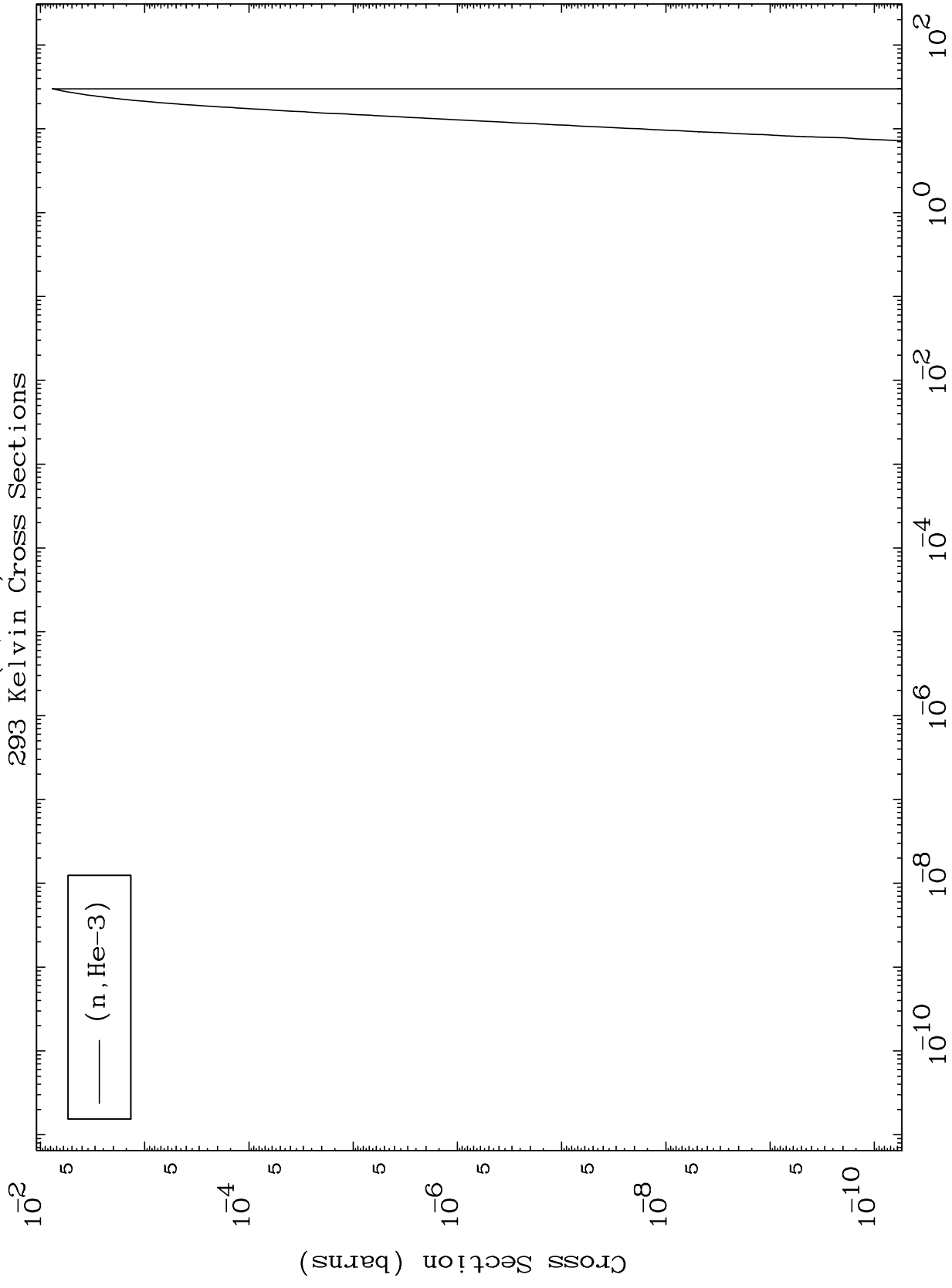
Incident Energy (MeV)

87-Fr-204

MAT 8702

(n,He3) Levels  
293 Kelvin Cross Sections

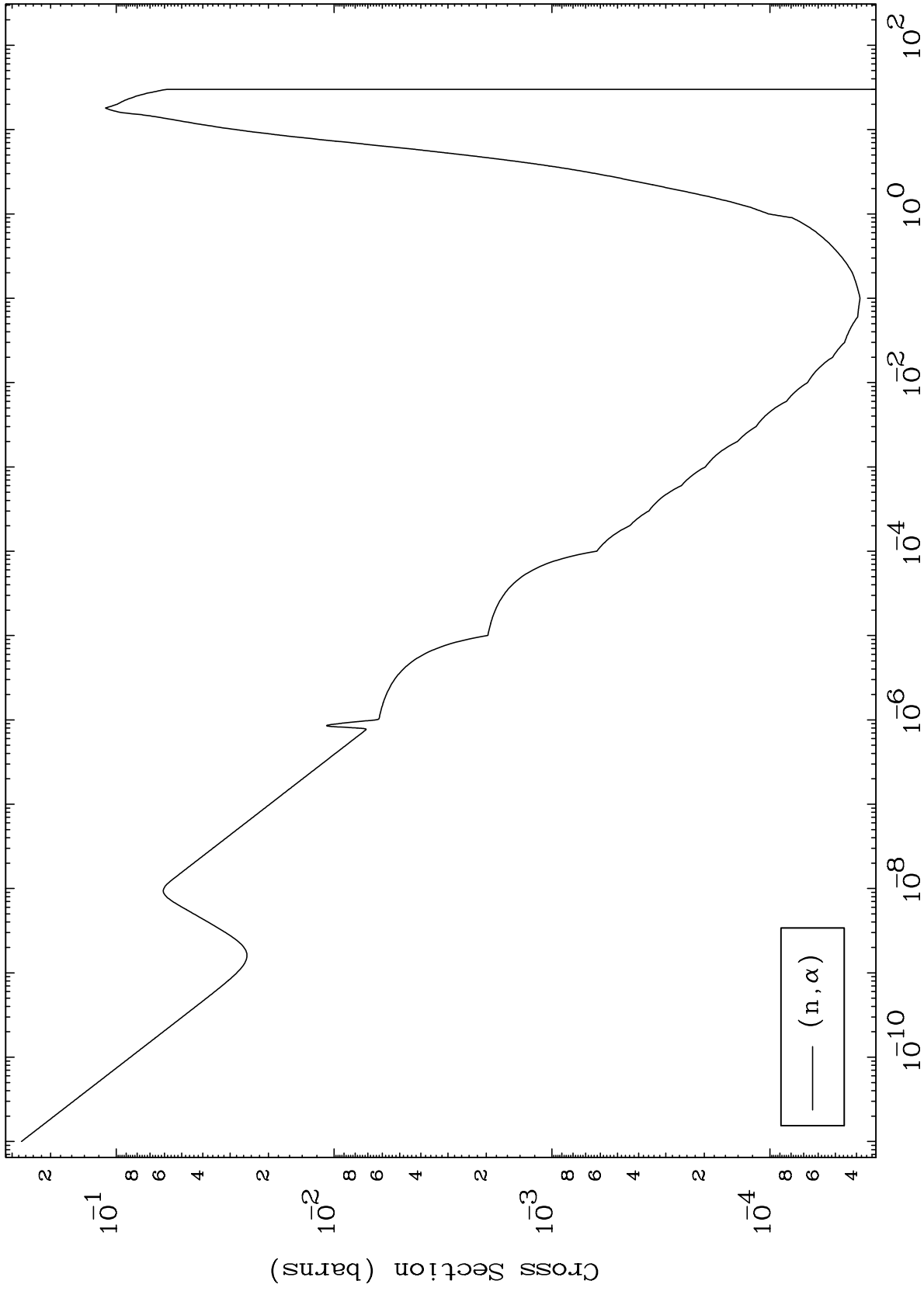
87-Fr-204



MAT 8702

(n,α) Levels  
293 Kelvin Cross Sections

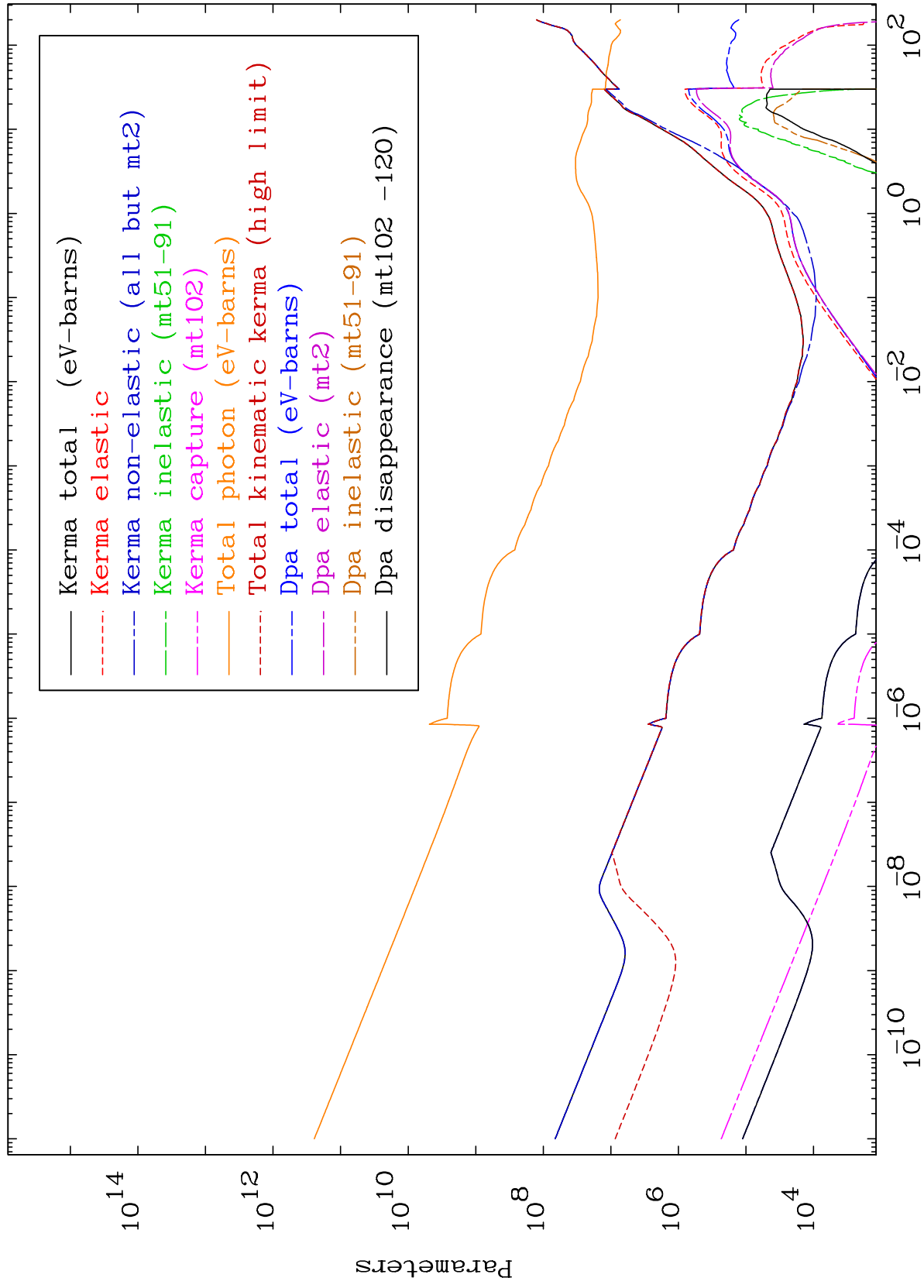
87-Fr-204



12

Incident Energy (MeV)

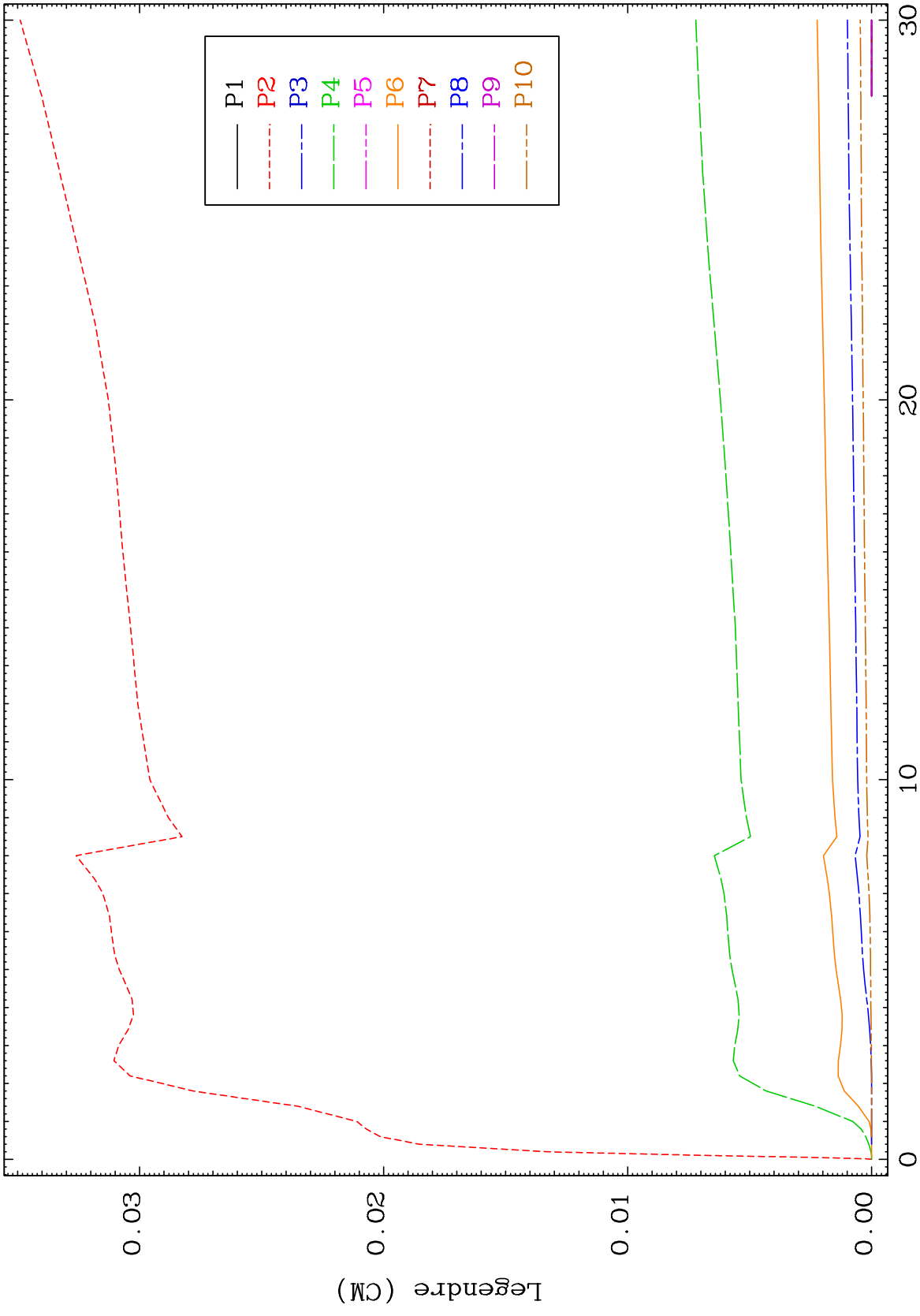
87-Fr-204



MAT 8702

Elastic Legendre Coefficients

87-Fr-204



14

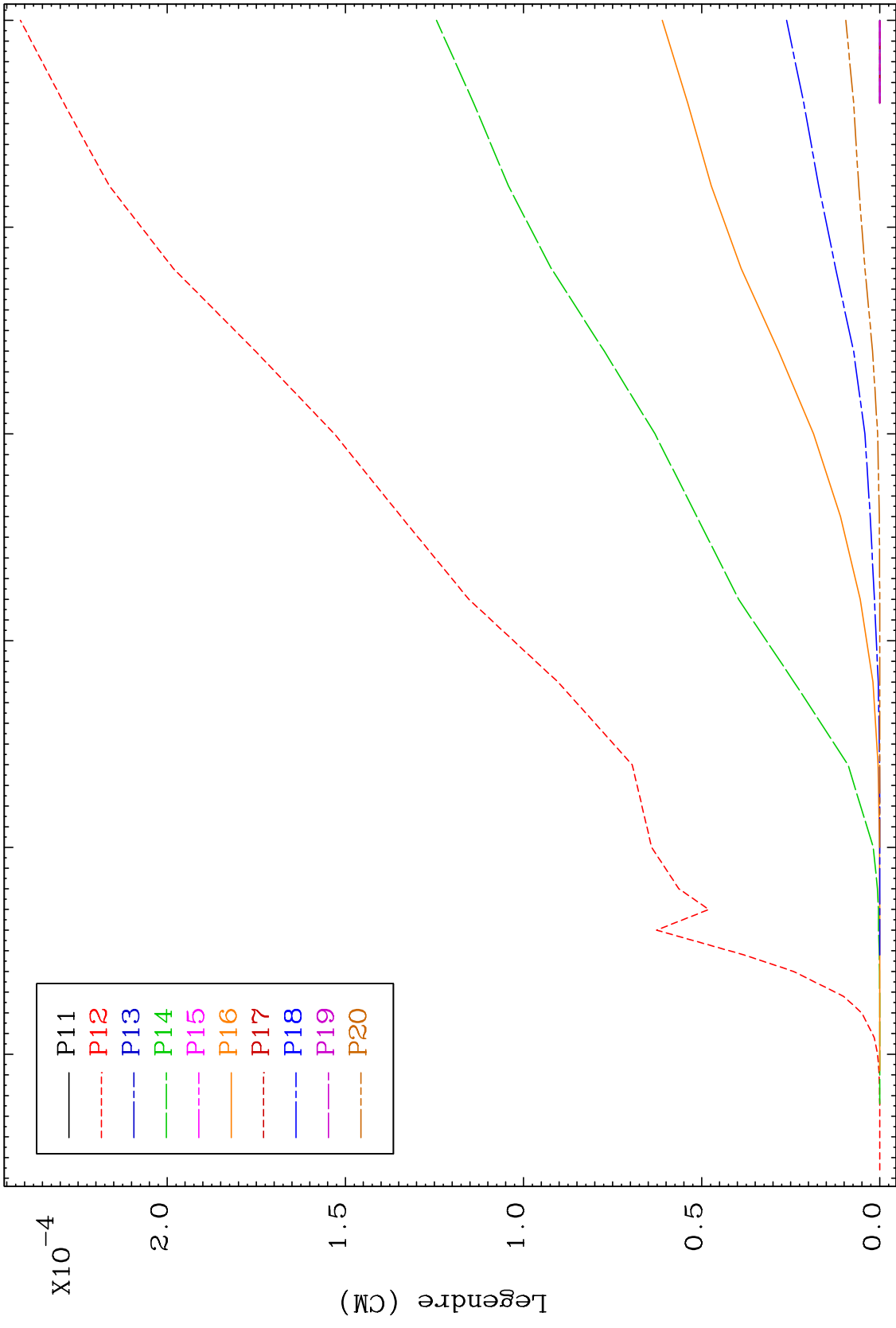
Incident Energy (MeV)

87-Fr-204

MAT 8702

Elastic Legendre Coefficients

87-Fr-204



15

Incident Energy (MeV)

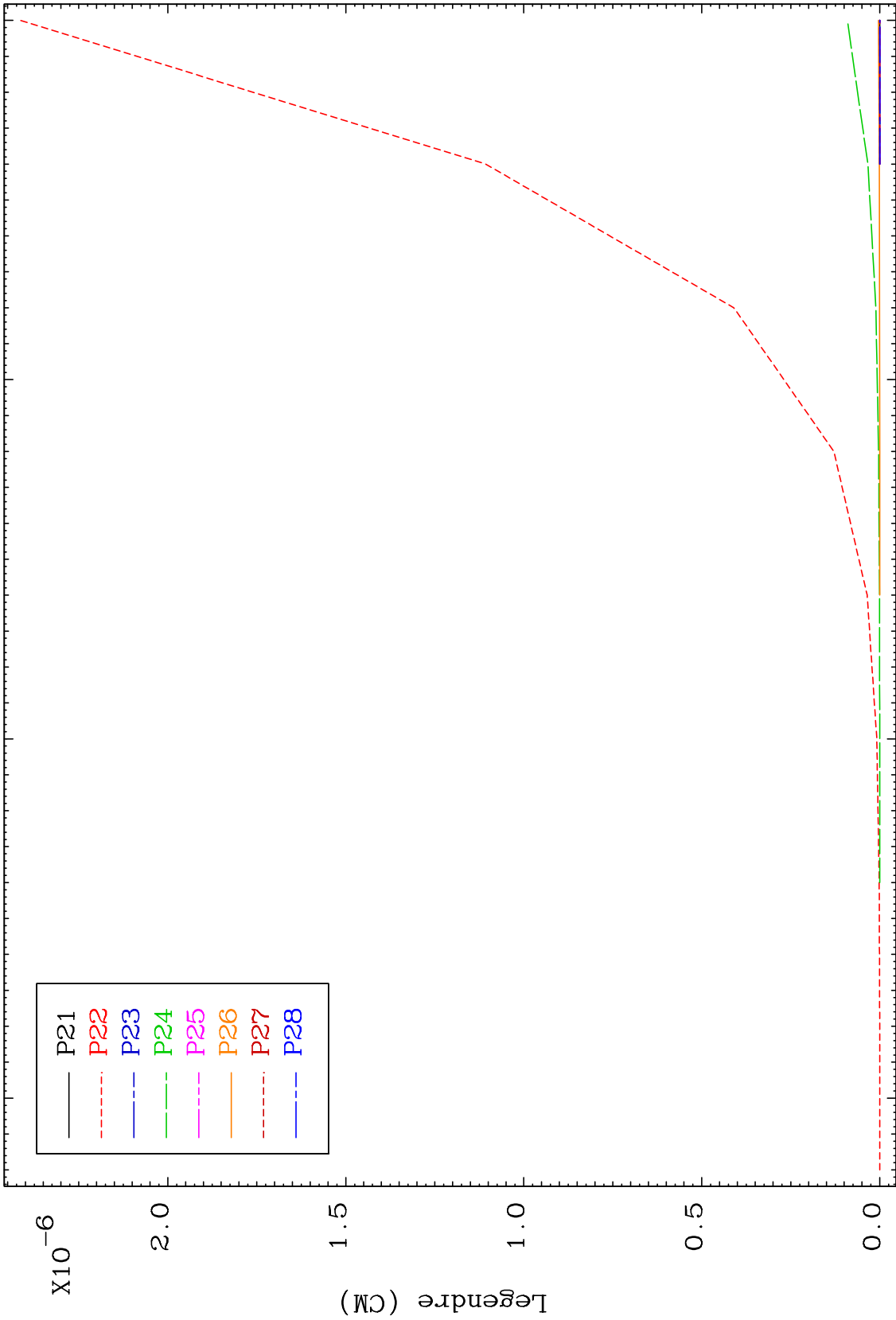
87-Fr-204



MAT 8702

Elastic Legendre Coefficients

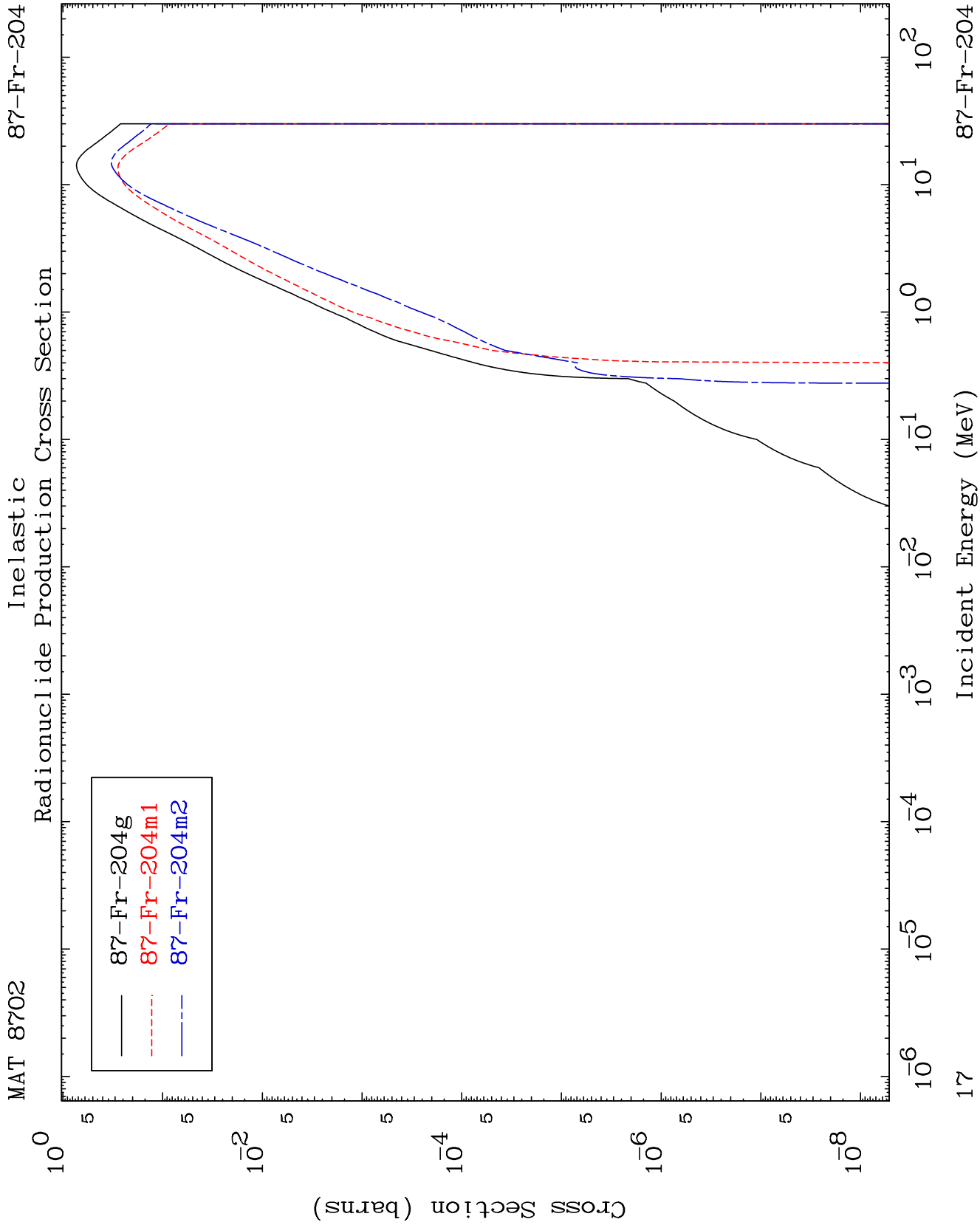
87-Fr-204



16

Incident Energy (MeV)

87-Fr-204

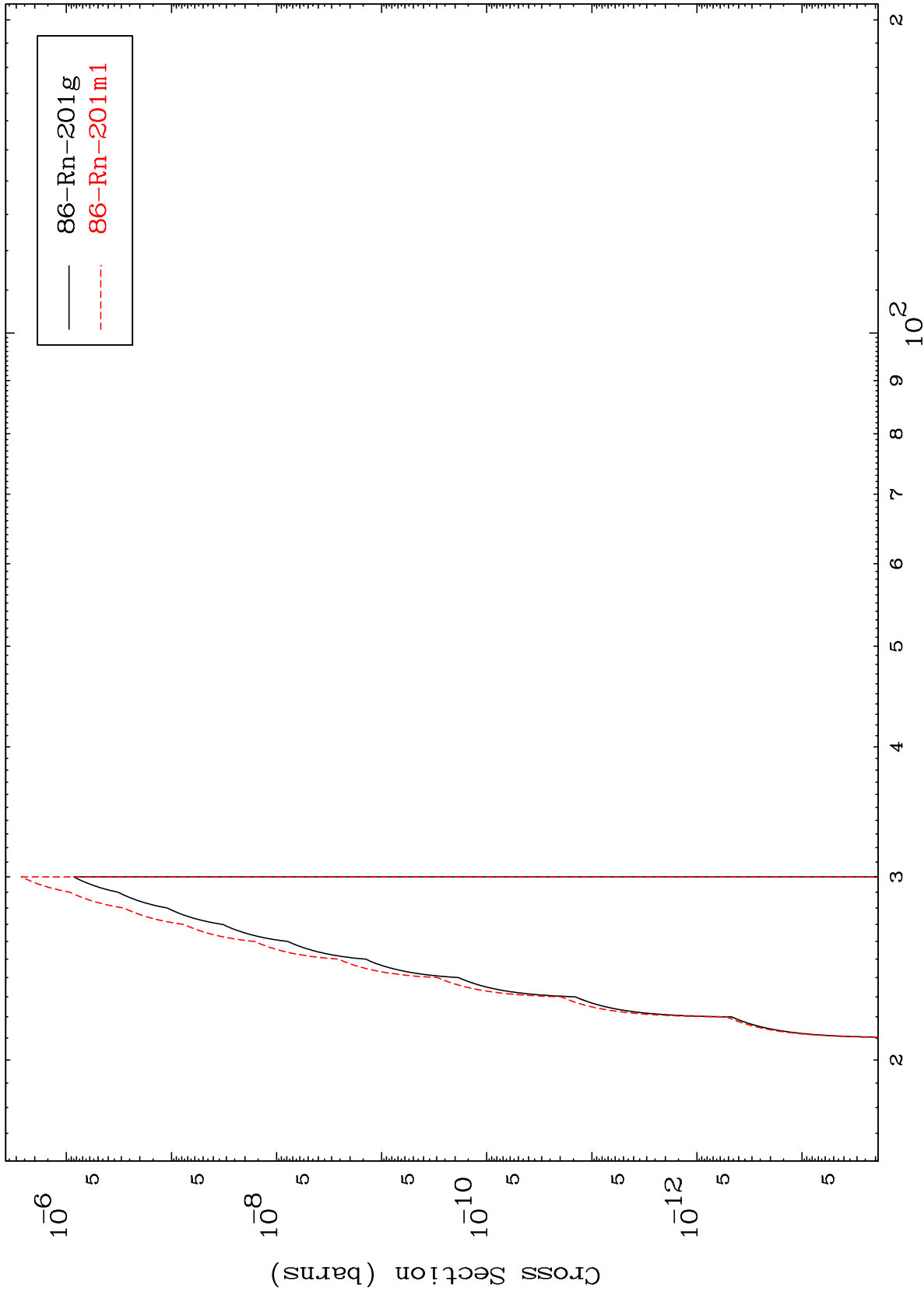


MAT 8702

(n,2n) d

87-Fr-204

Radionuclide Production Cross Section



18

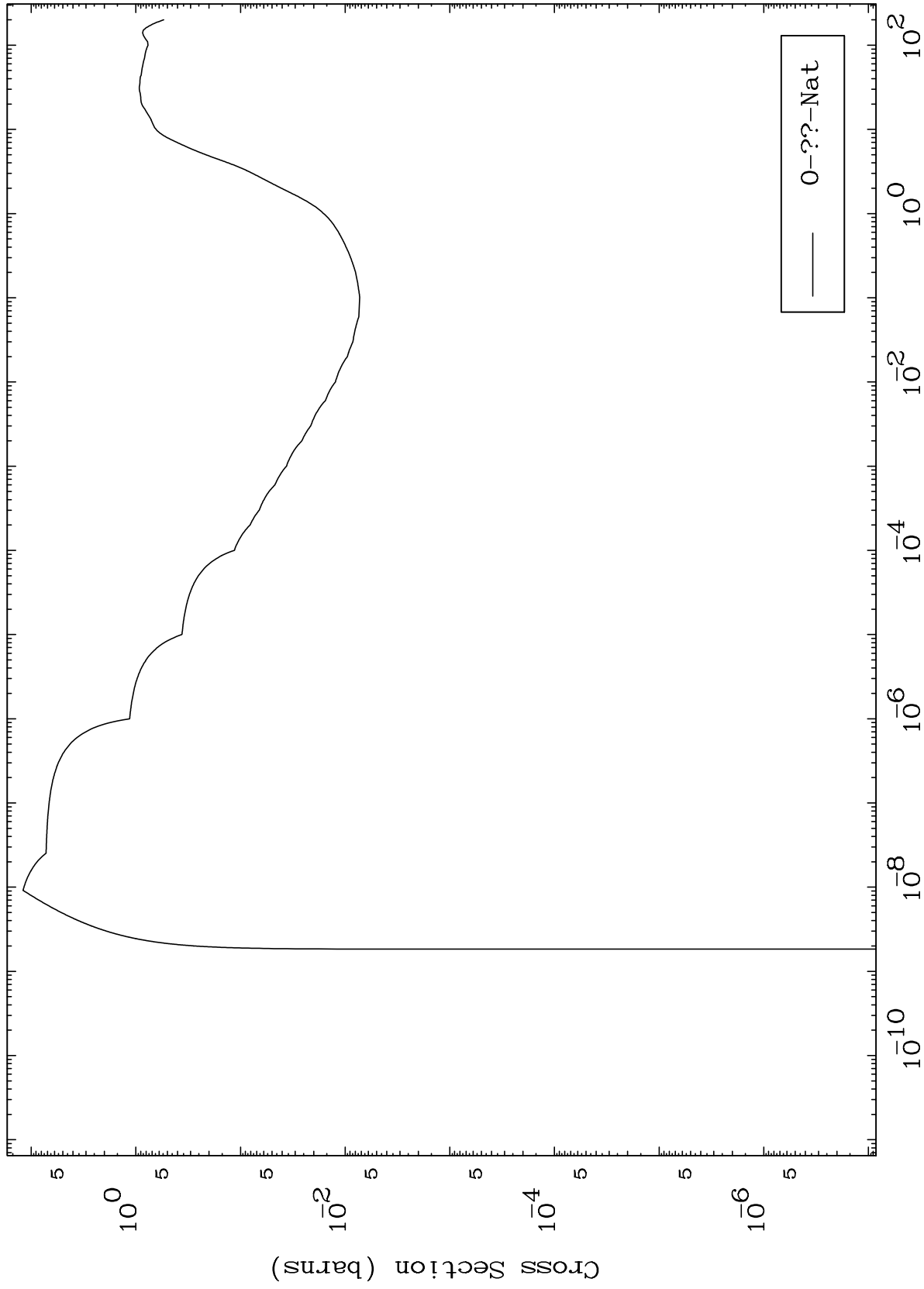
Incident Energy (MeV)

87-Fr-204

MAT 8702

87-Fr-204

Fission  
Radionuclide Production Cross Section



19

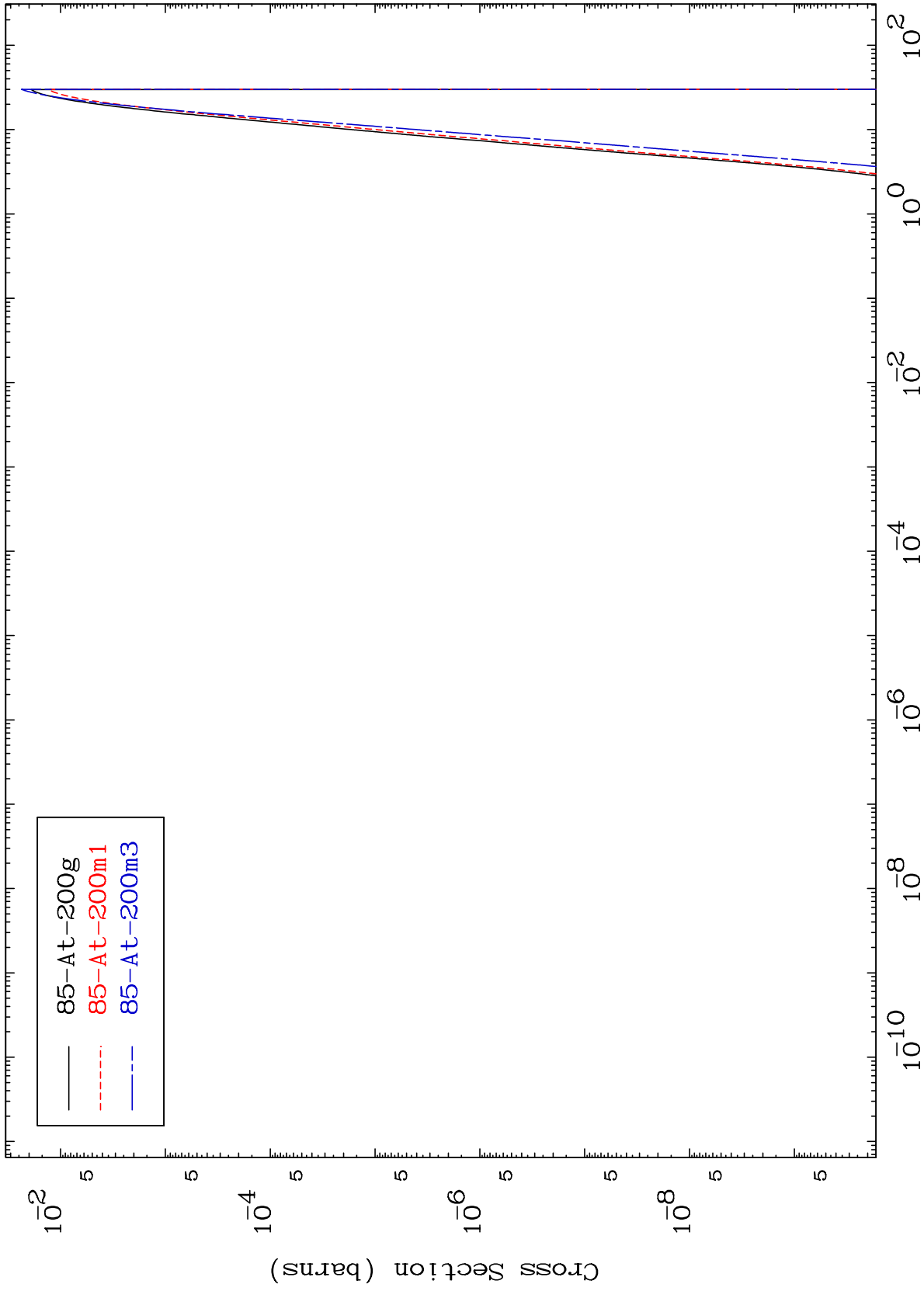
87-Fr-204

MAT 8702

(n,n')  $\alpha$

87-Fr-204

Radionuclide Production Cross Section



20

Incident Energy (MeV)

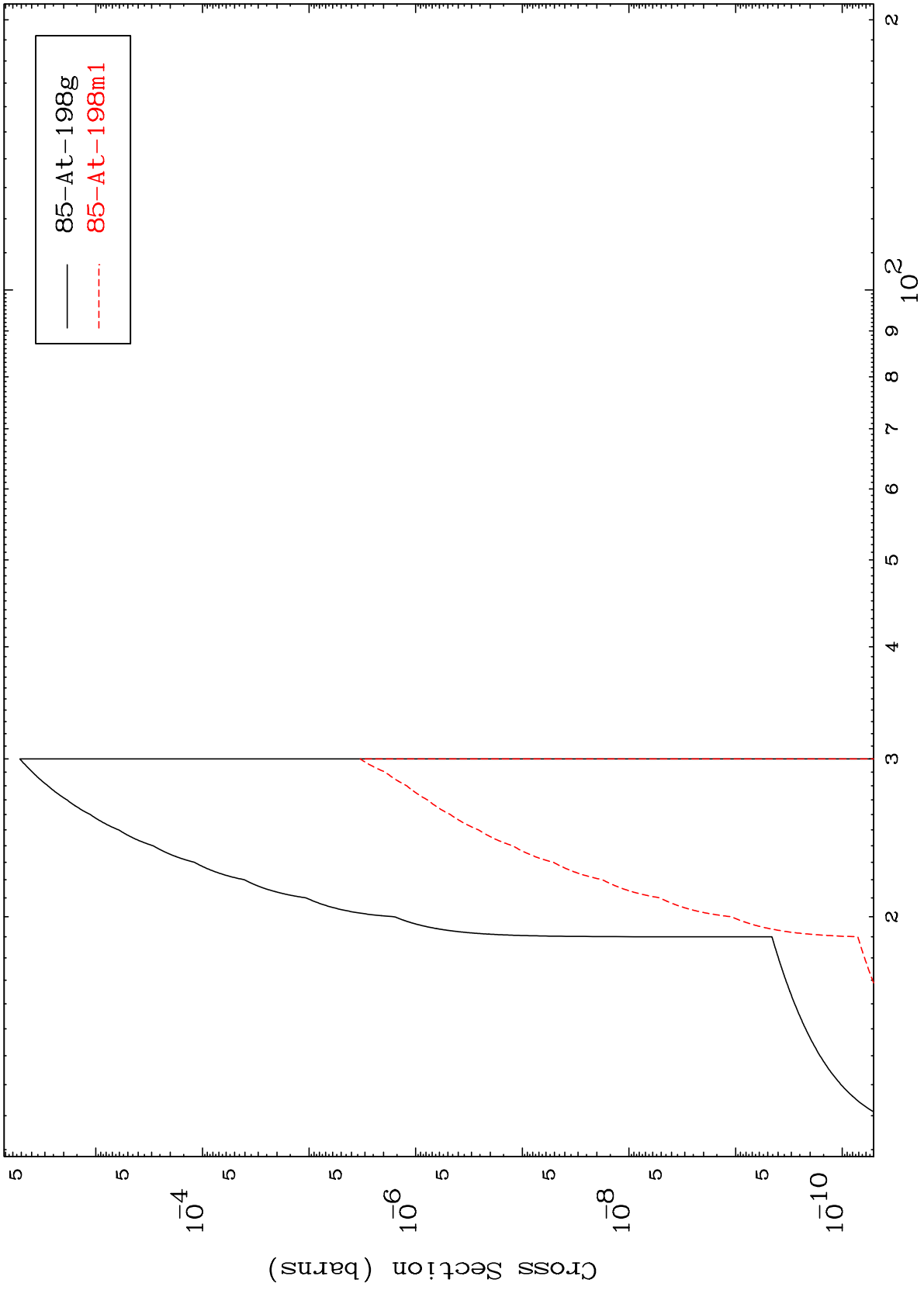
87-Fr-204

MAT 8702

(n,3n)  $\alpha$

87-Fr-204

Radionuclide Production Cross Section



21

Incident Energy (MeV)

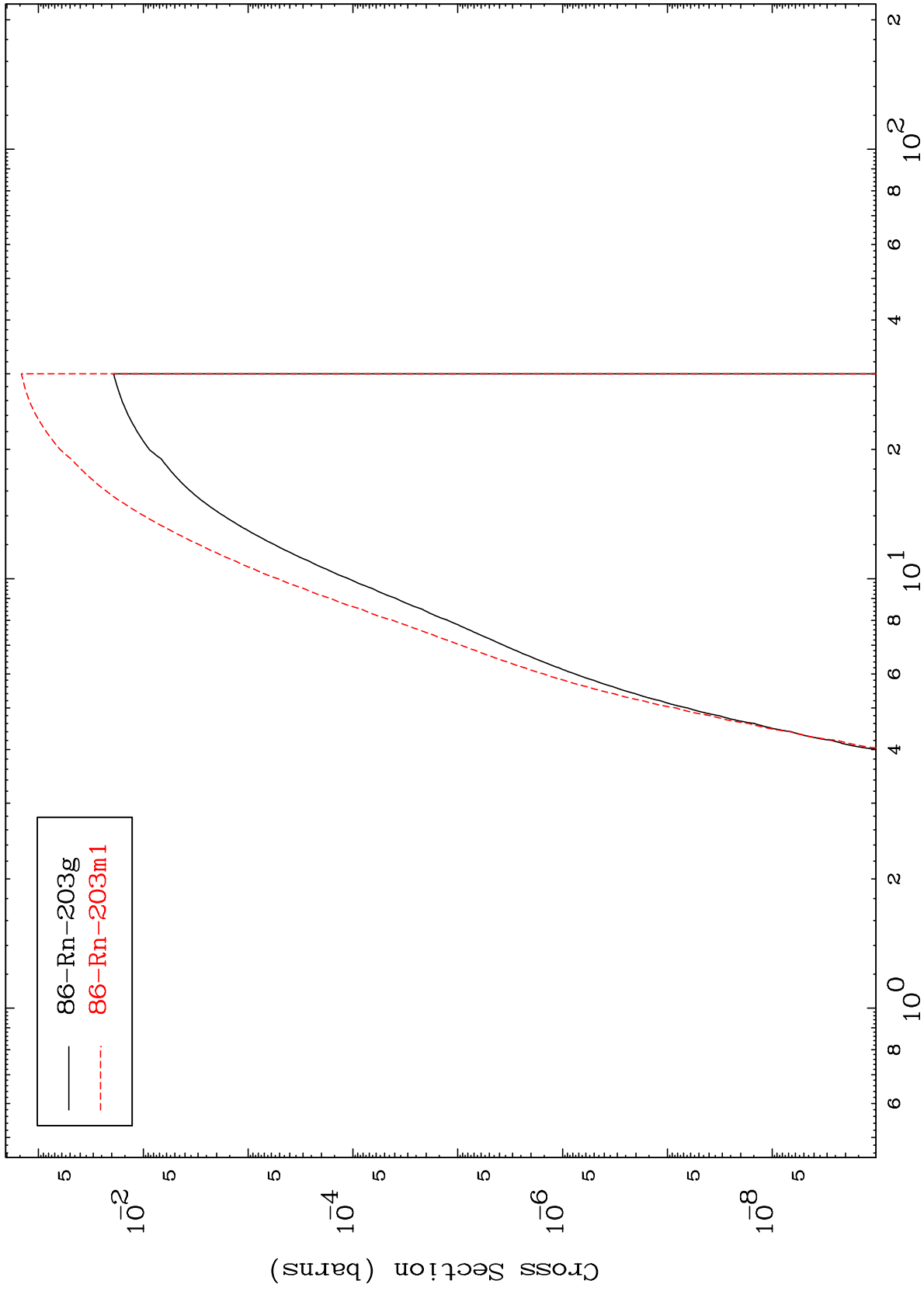
87-Fr-204

MAT 8702

(n,n') p

87-Fr-204

Radionuclide Production Cross Section



22

Incident Energy (MeV)

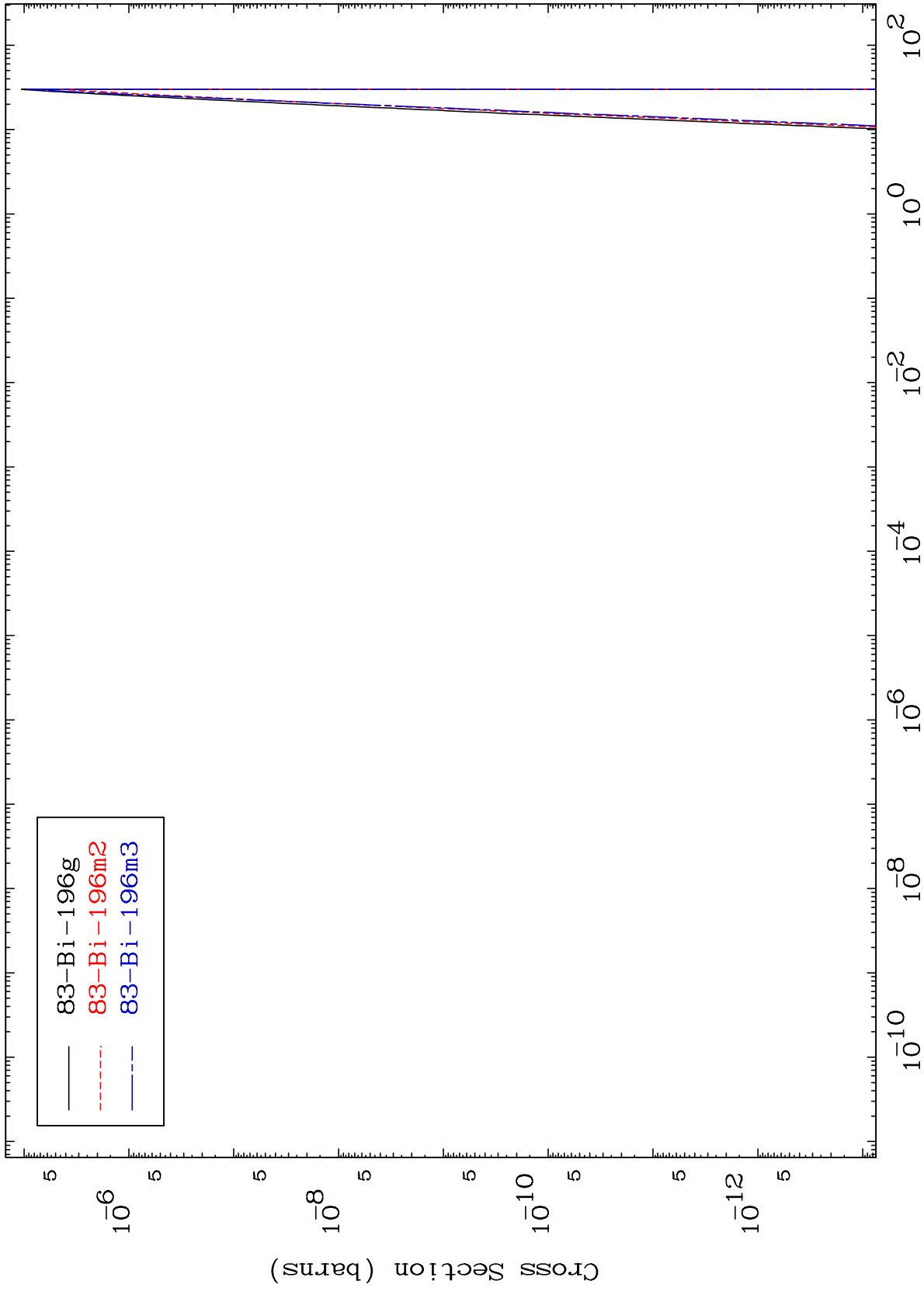
87-Fr-204

MAT 8702

(n,n') 2 $\alpha$

87-Fr-204

Radionuclide Production Cross Section



23

Incident Energy (MeV)

87-Fr-204

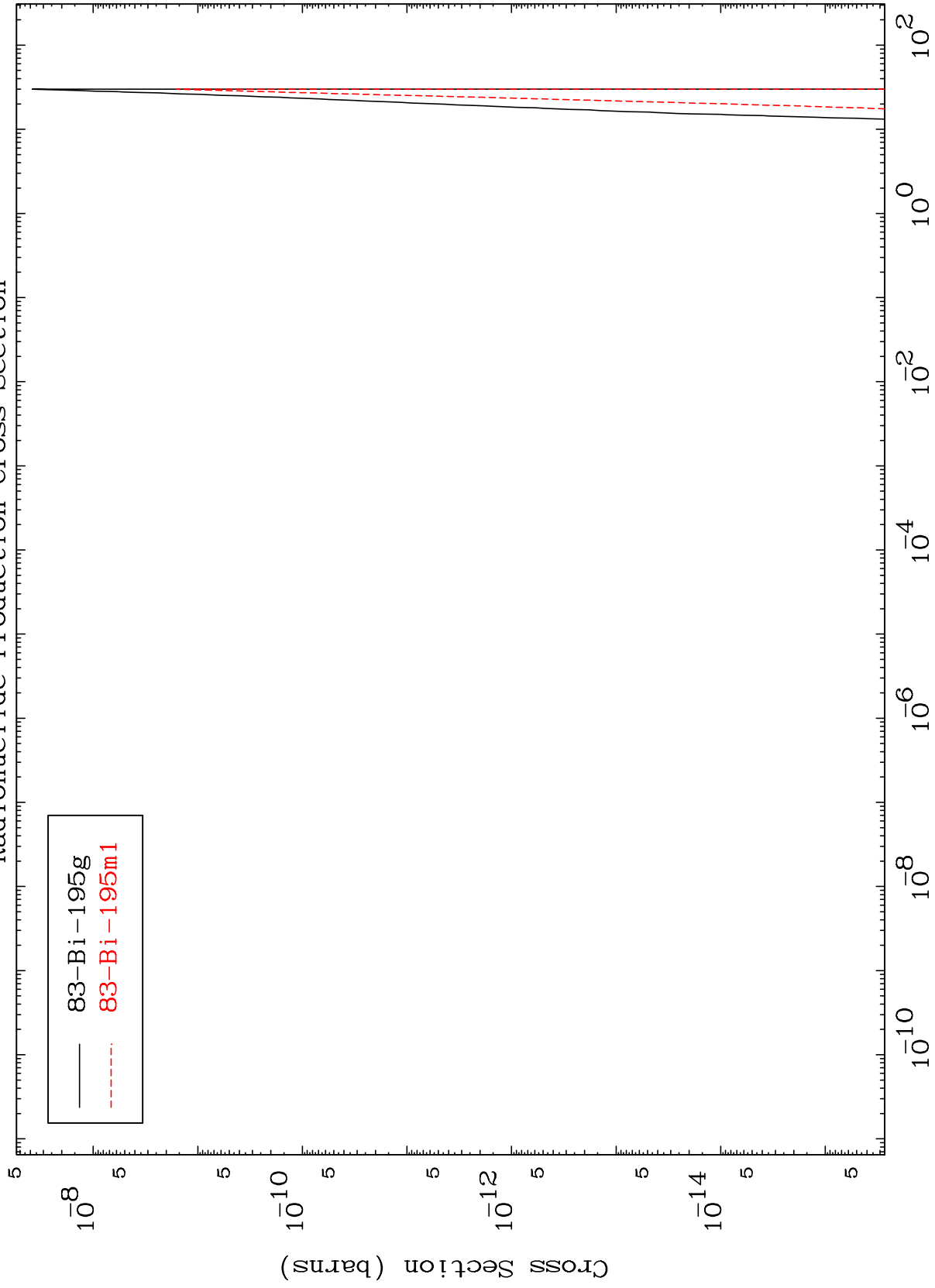


MAT 8702

(n,2n) 2 $\alpha$

87-Fr-204

Radionuclide Production Cross Section



24

Incident Energy (MeV)

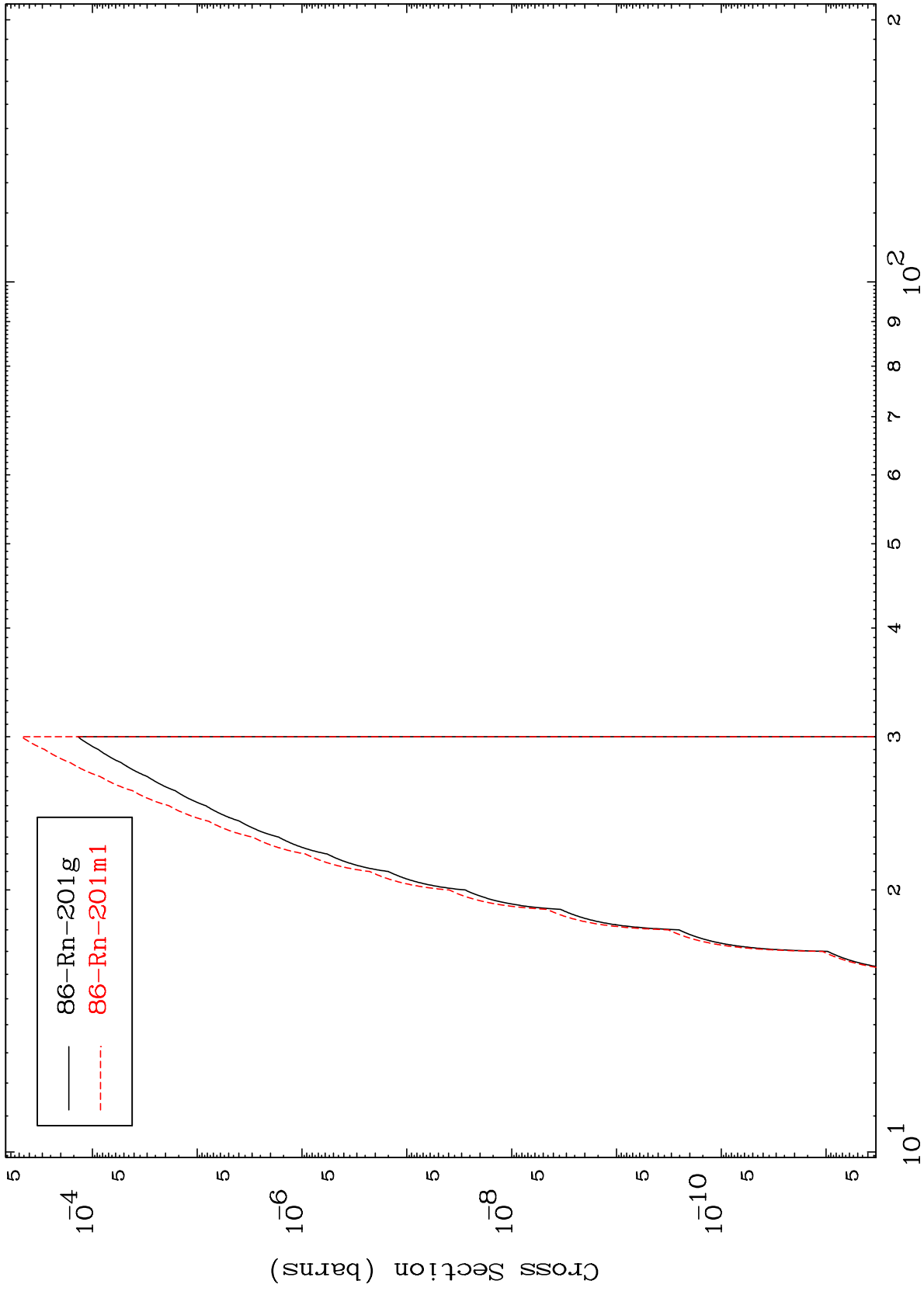
87-Fr-204

MAT 8702

(n,n') t

87-Fr-204

Radionuclide Production Cross Section

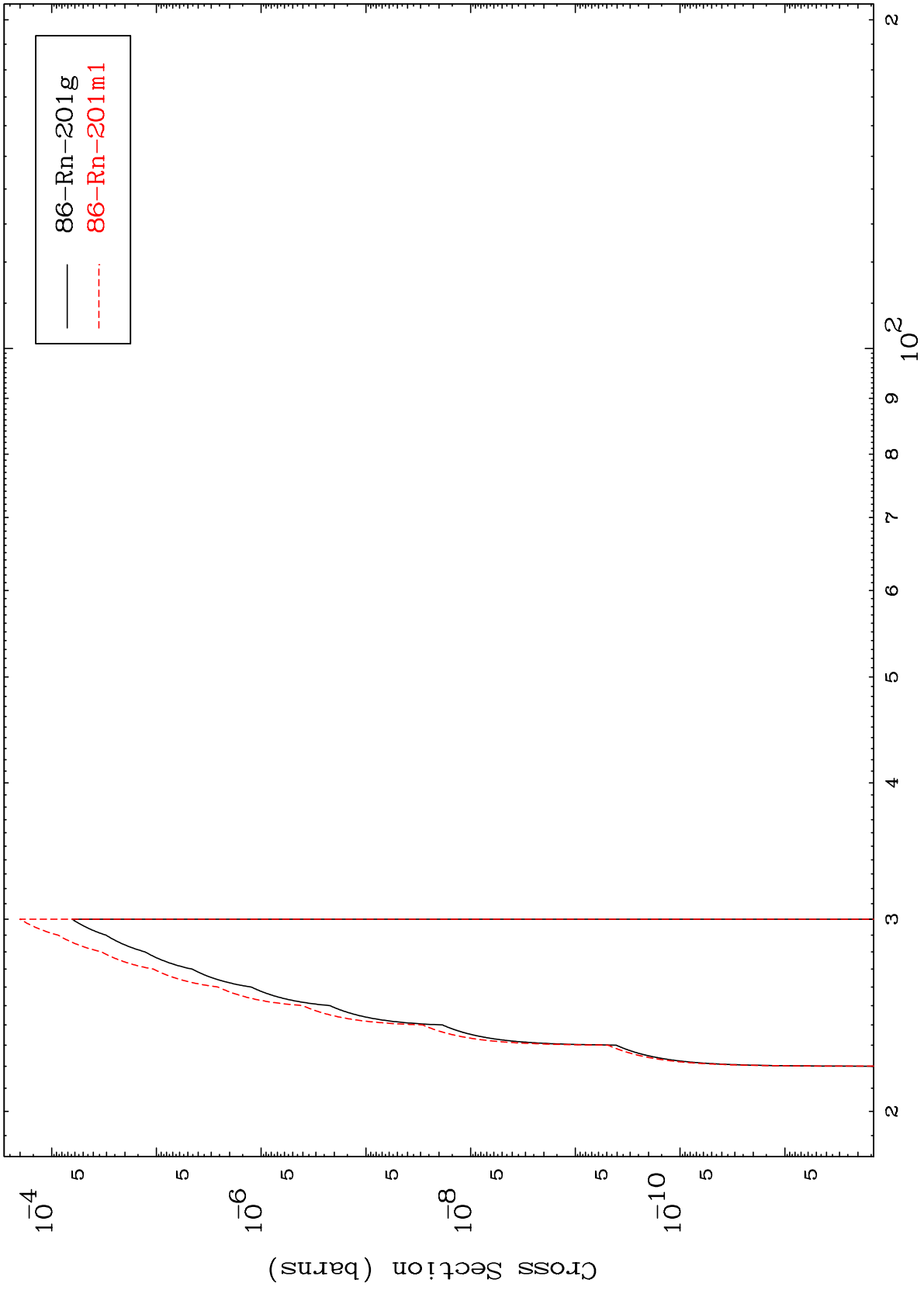


MAT 8702

(n,3n) p

87-Fr-204

Radionuclide Production Cross Section



26

Incident Energy (MeV)

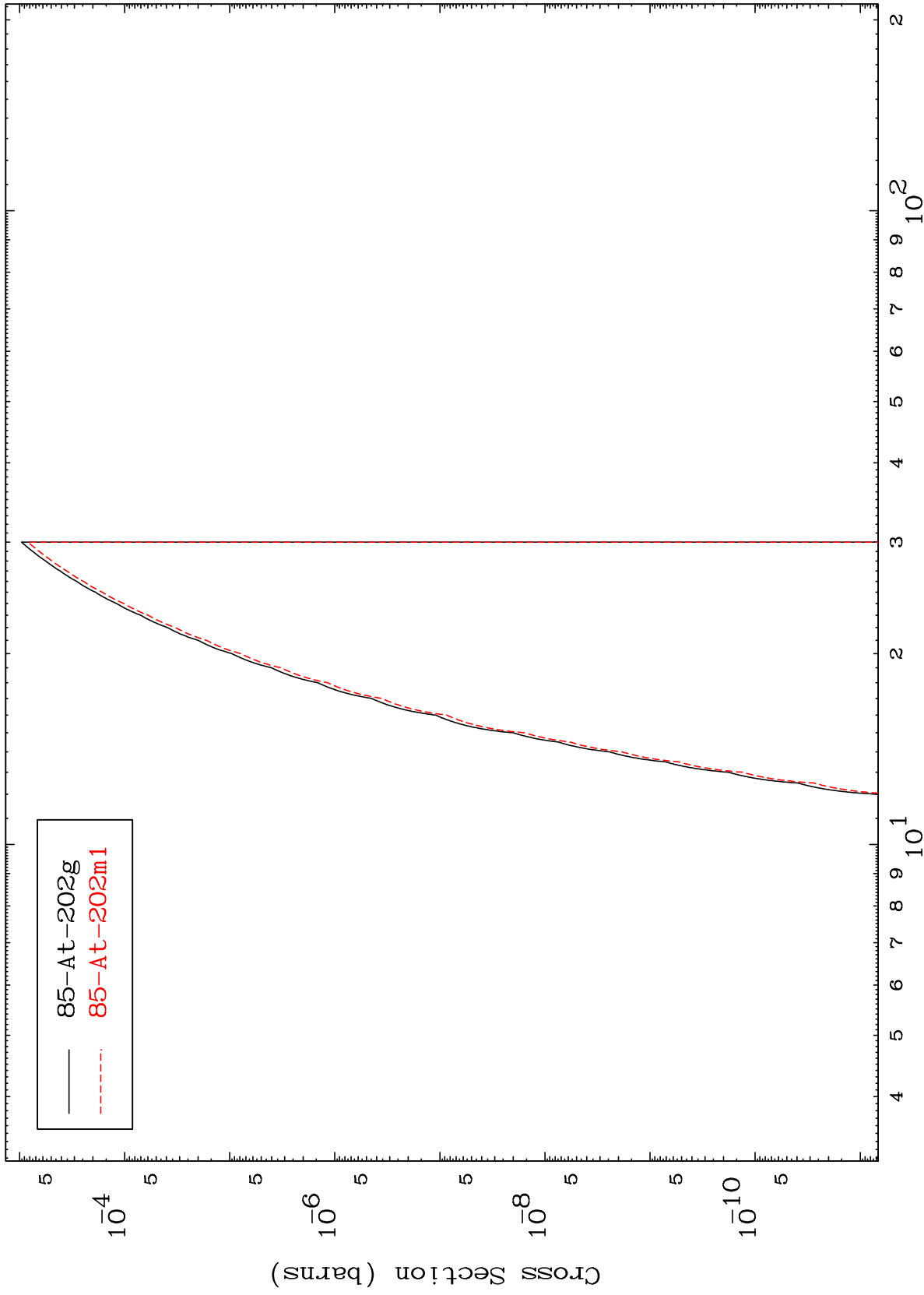
87-Fr-204

MAT 8702

(n,2n) p

87-Fr-204

Radionuclide Production Cross Section



27

Incident Energy (MeV)

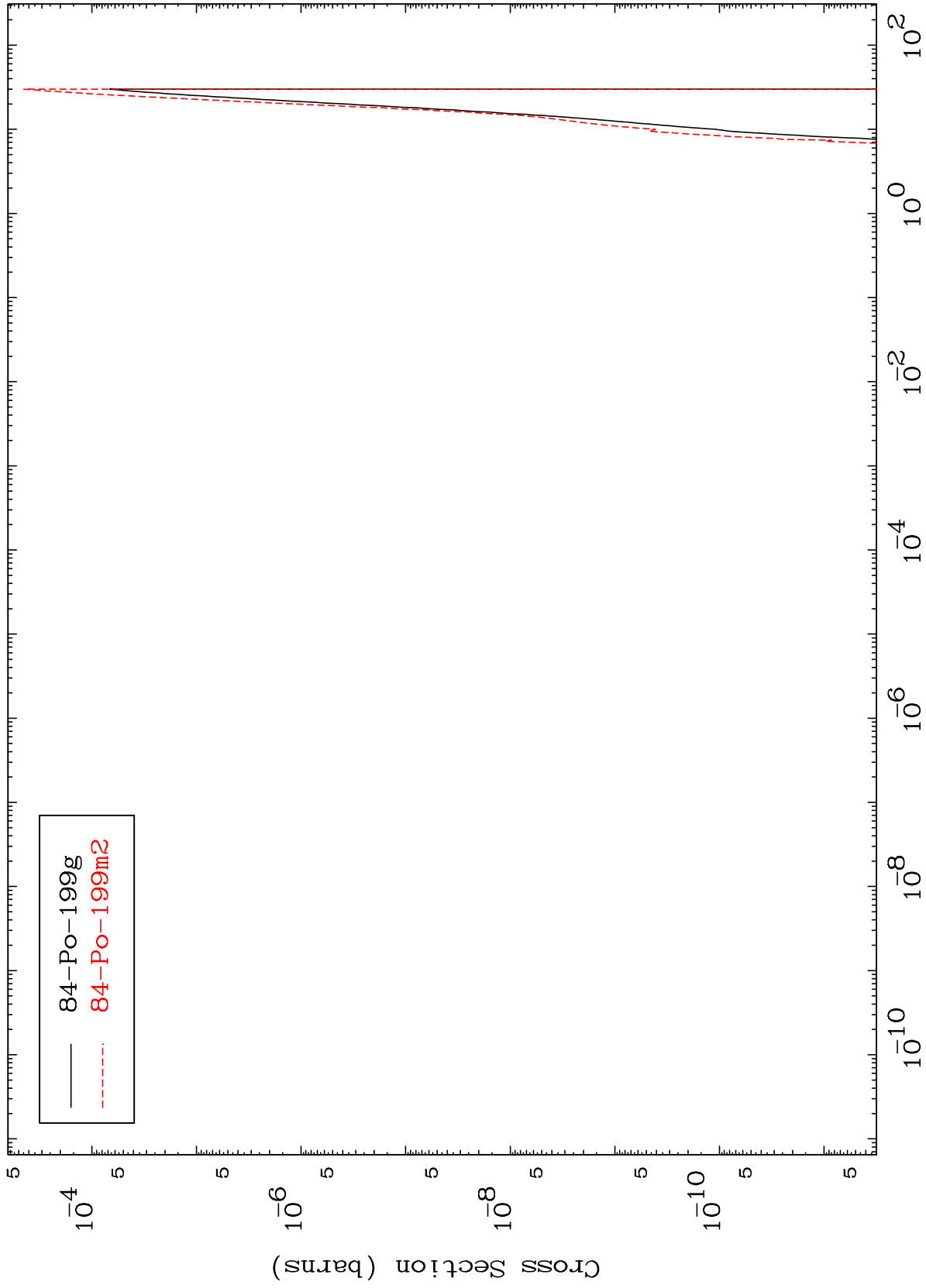
87-Fr-204

MAT 8702

(n,n') p  $\alpha$

87-Fr-204

Radionuclide Production Cross Section



28

Incident Energy (MeV)

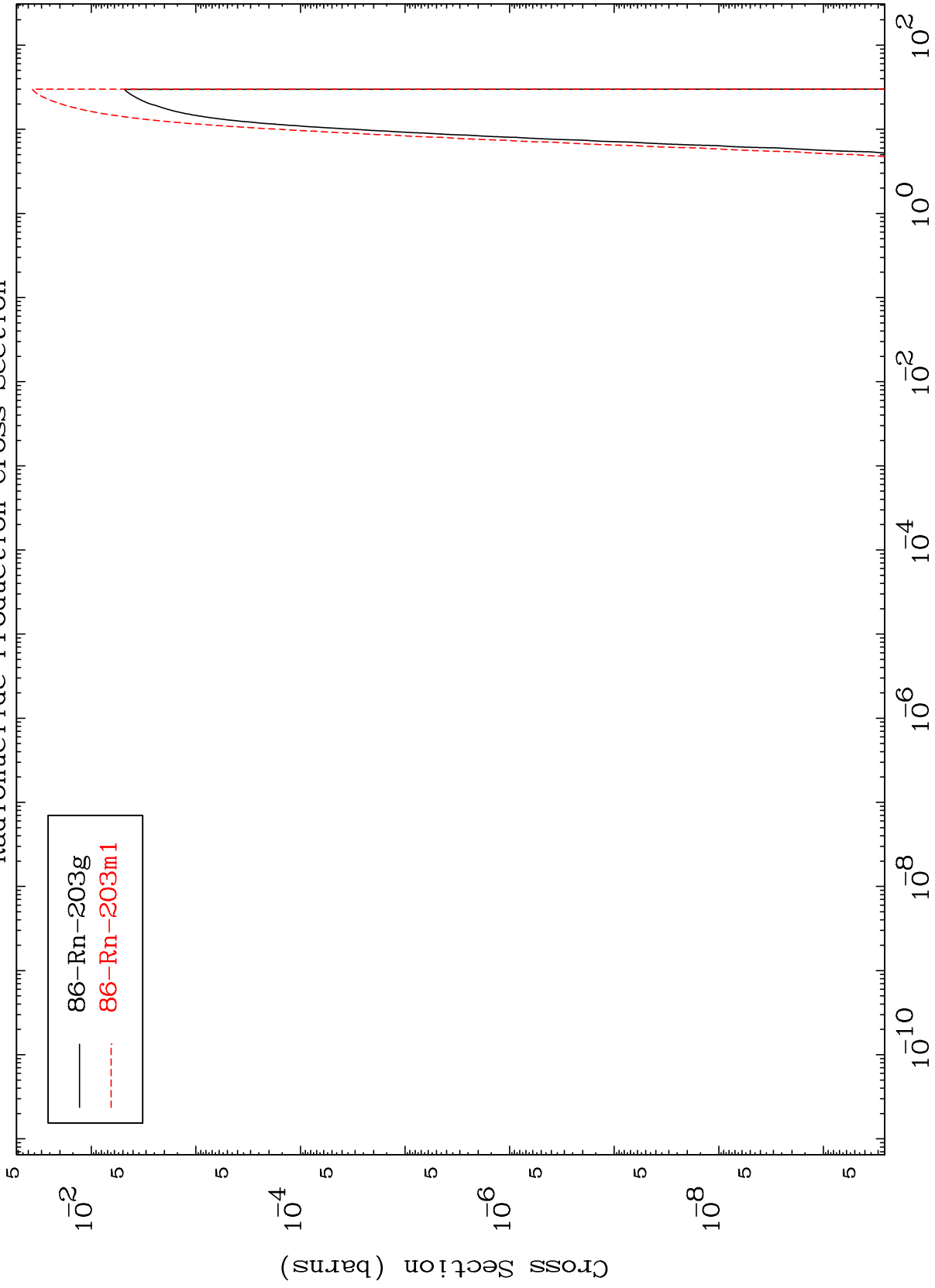
87-Fr-204

MAT 8702

(n,d)

87-Fr-204

Radionuclide Production Cross Section



29

Incident Energy (MeV)

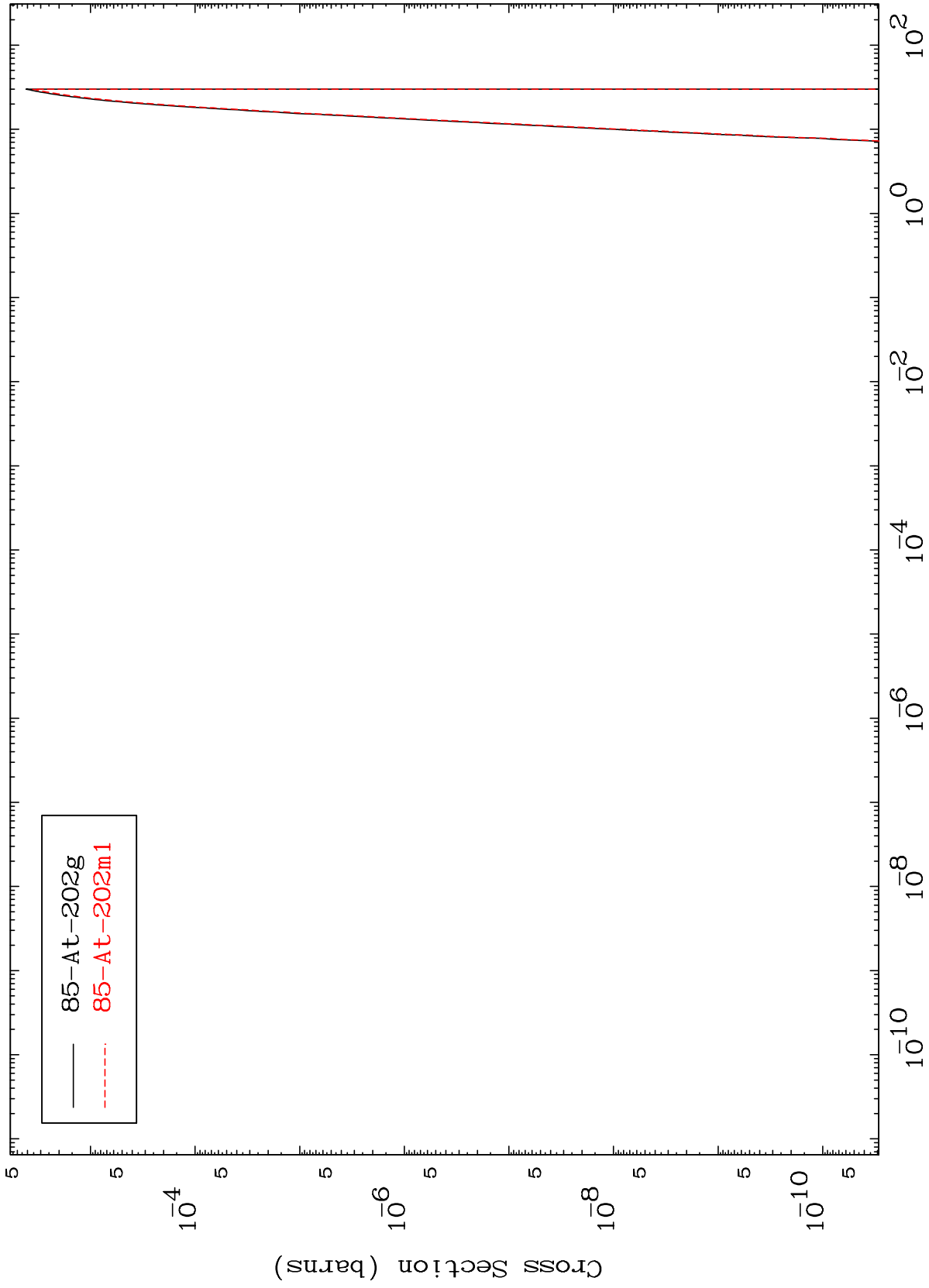
87-Fr-204

MAT 8702

(n, He-3)

87-Fr-204

Radionuclide Production Cross Section



85-At-202g  
85-At-202m1

30

Incident Energy (MeV)

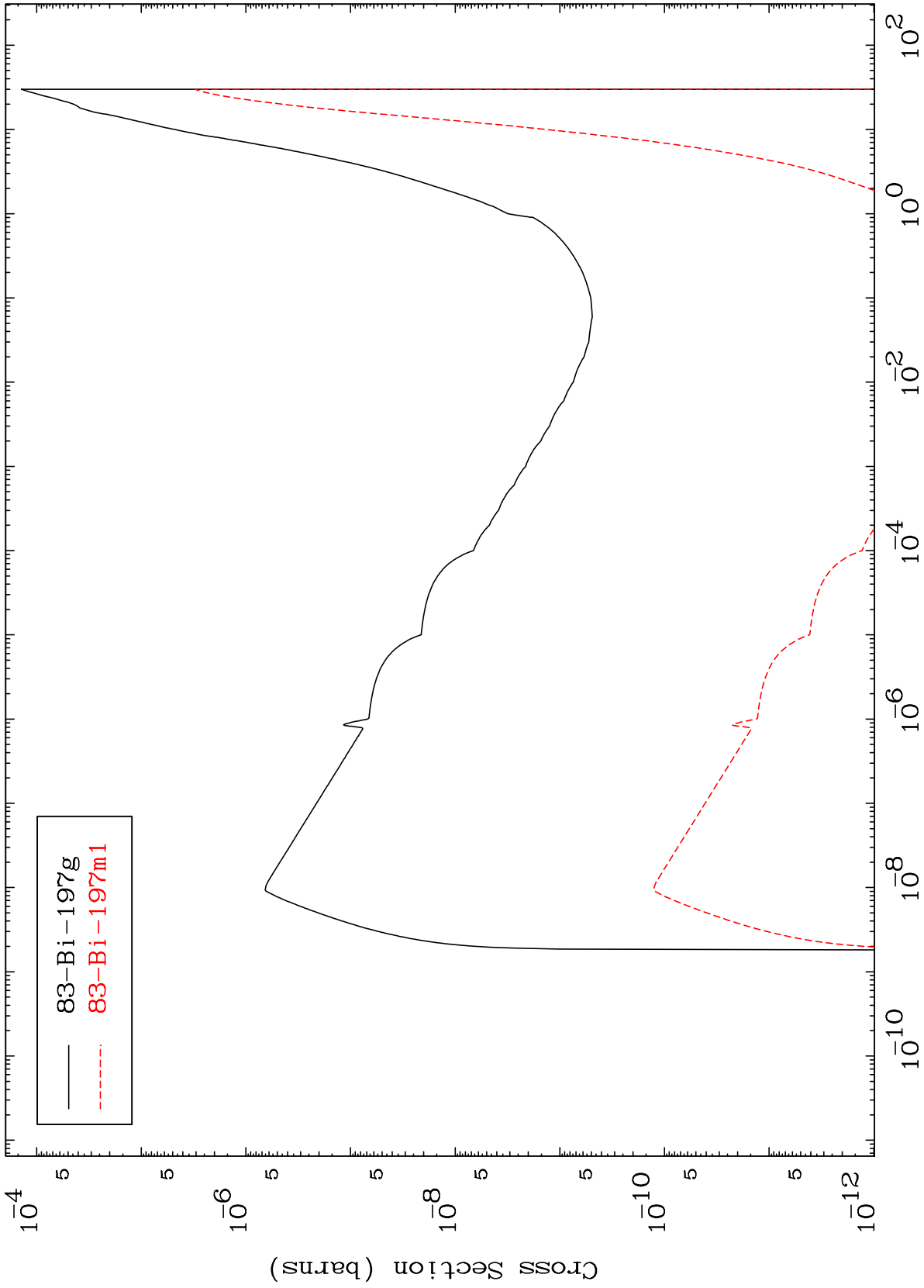
87-Fr-204

MAT 8702

(n,2α)

87-Fr-204

Radionuclide Production Cross Section



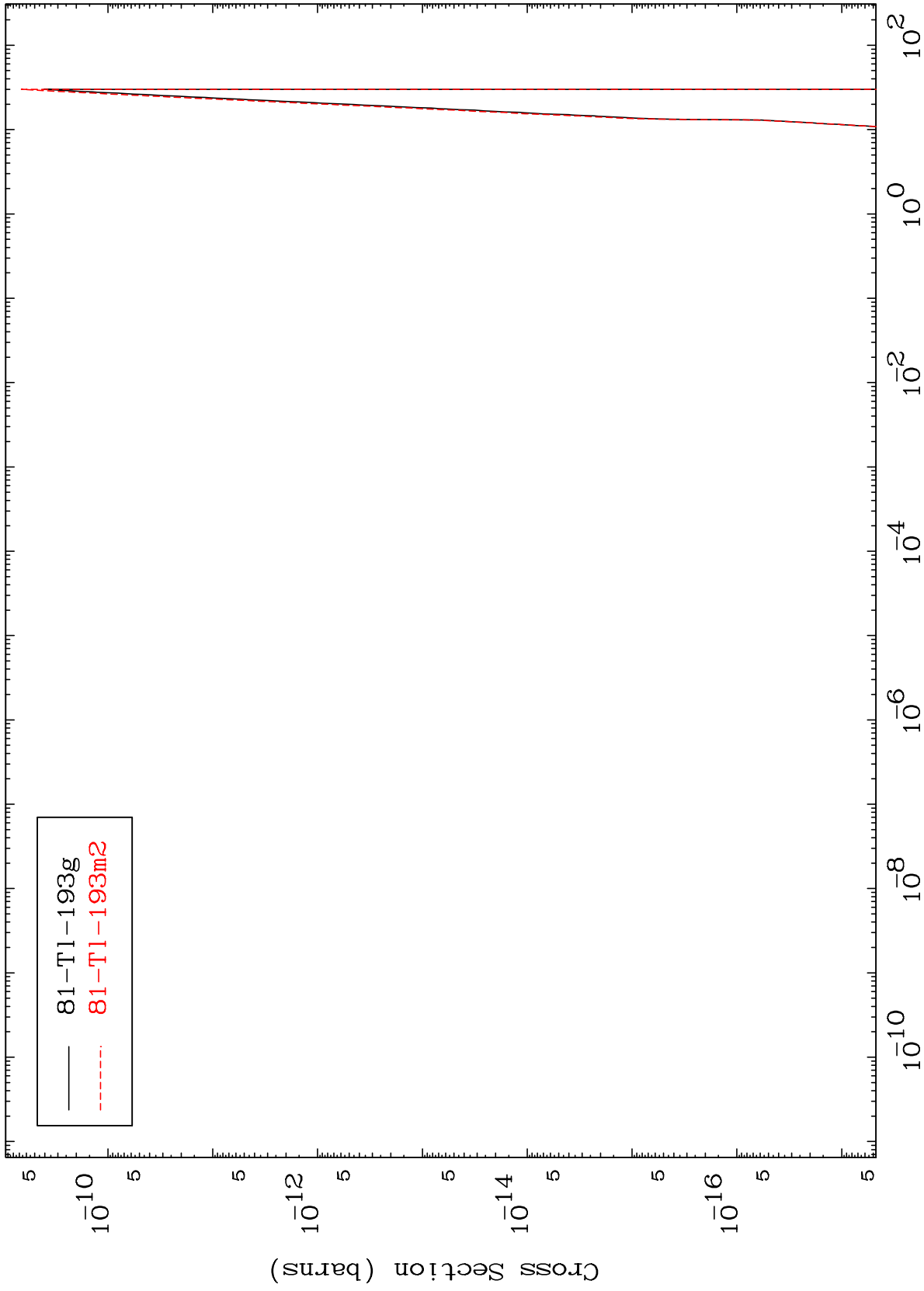


MAT 8702

(n,3α)

87-Fr-204

Radionuclide Production Cross Section



32

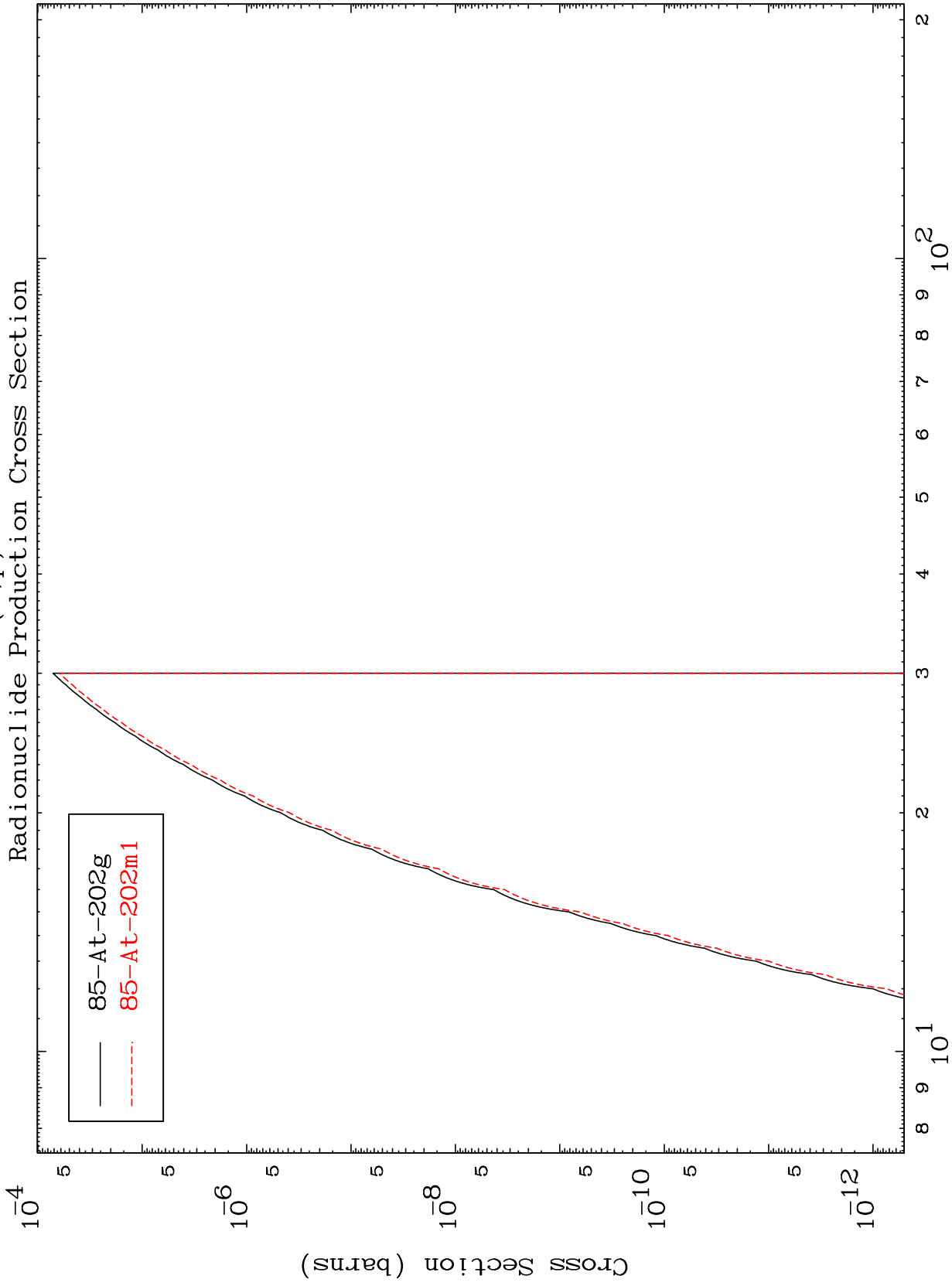
Incident Energy (MeV)

87-Fr-204

MAT 8702

(n,p) d

87-Fr-204



33

87-Fr-204

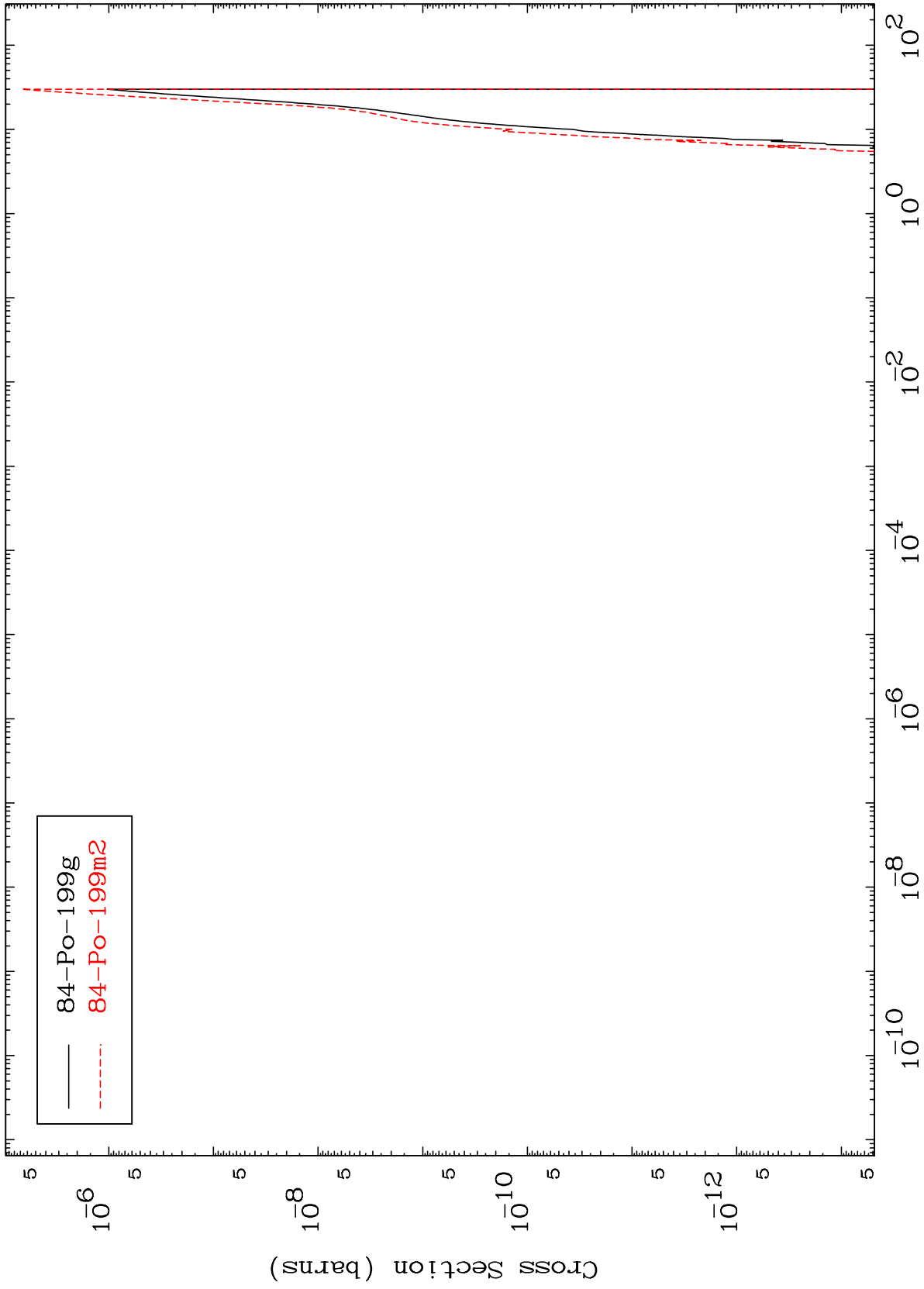
87-Fr-204

MAT 8702

(n,d)  $\alpha$

87-Fr-204

Radionuclide Production Cross Section



34

Incident Energy (MeV)

87-Fr-204