

Program EVALPLOT
(Version 2021-1)

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

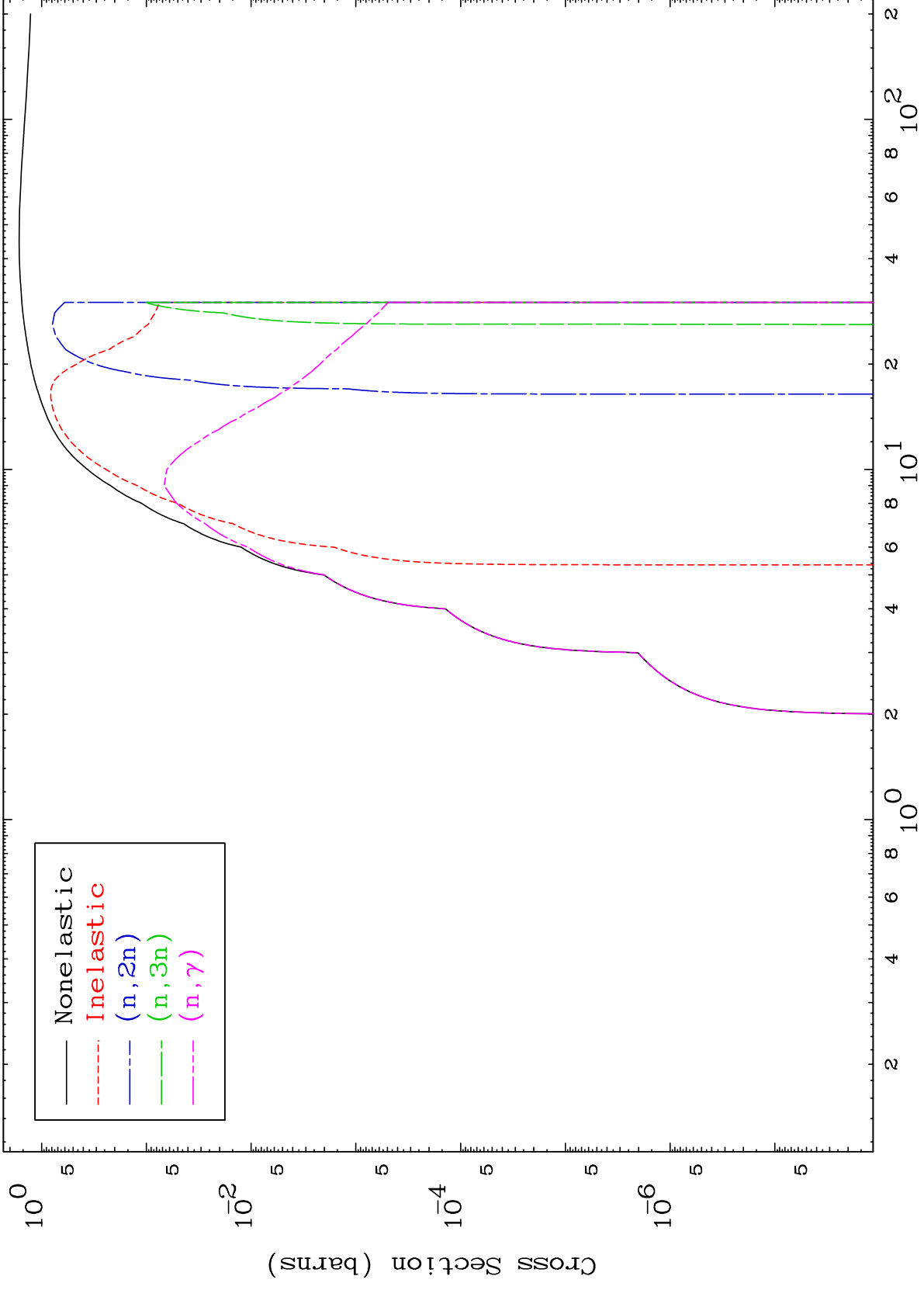
Press Mouse Button to Start

MAT 6223

Proton Major

62-Sm-143m

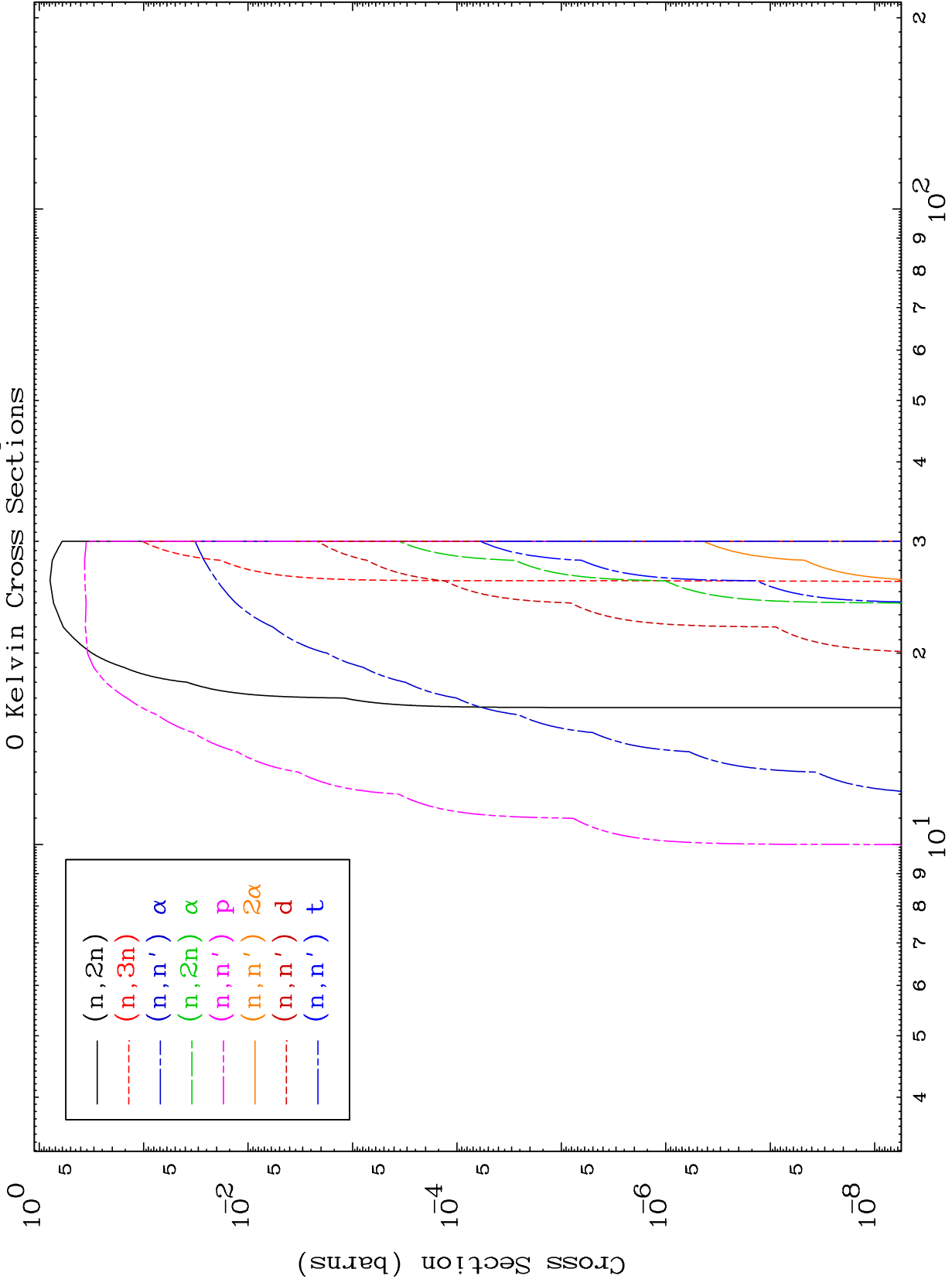
0 Kelvin Cross Sections



MAT 6223

Proton Neutron Absorption
0 Kelvin Cross Sections

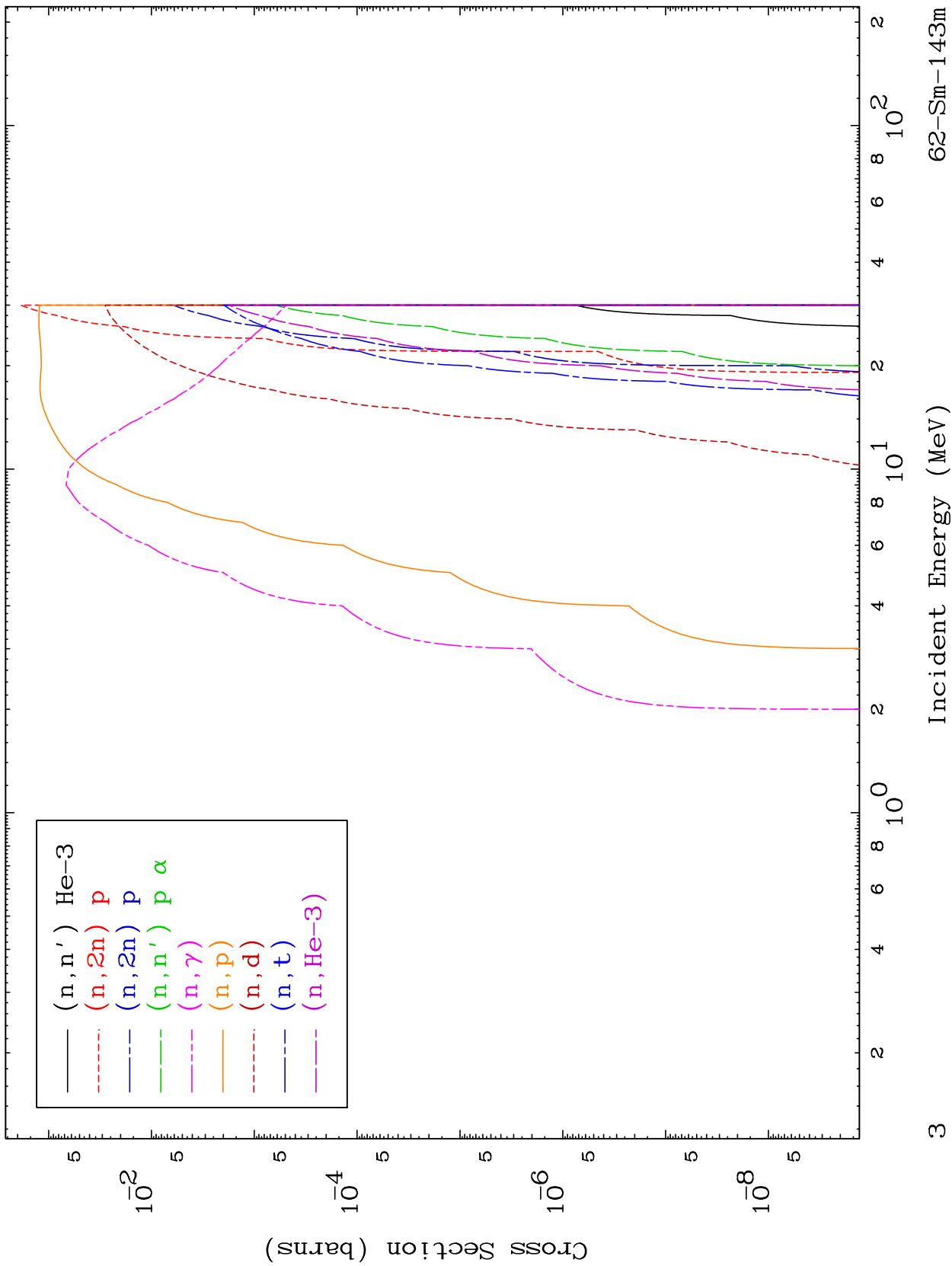
62-Sm-143m



MAT 6223

Proton Neutron Absorption
0 Kelvin Cross Sections

62-Sm-143m



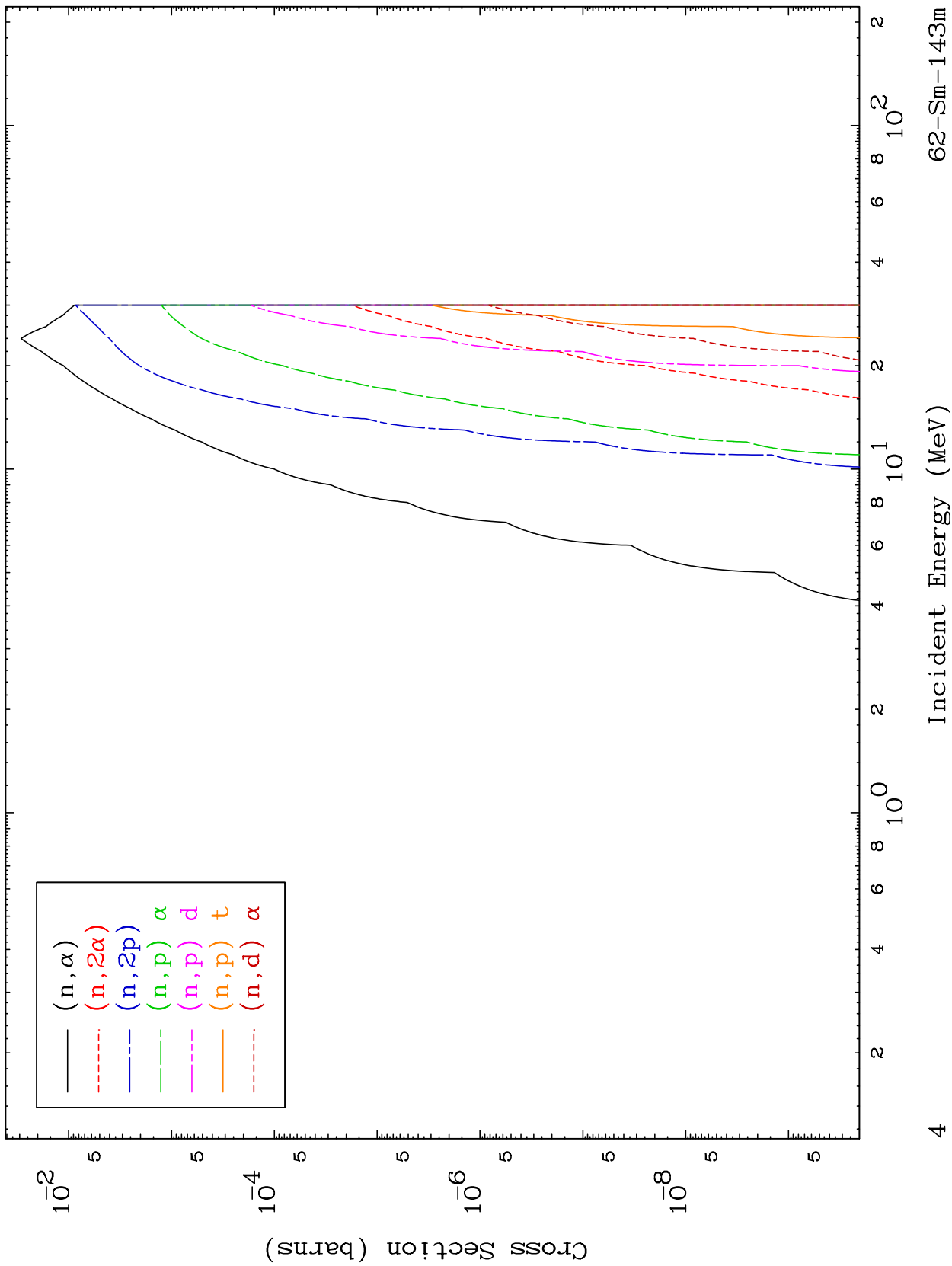
62-Sm-143m

Incident Energy (MeV)

MAT 6223

Proton Neutron Absorption
0 Kelvin Cross Sections

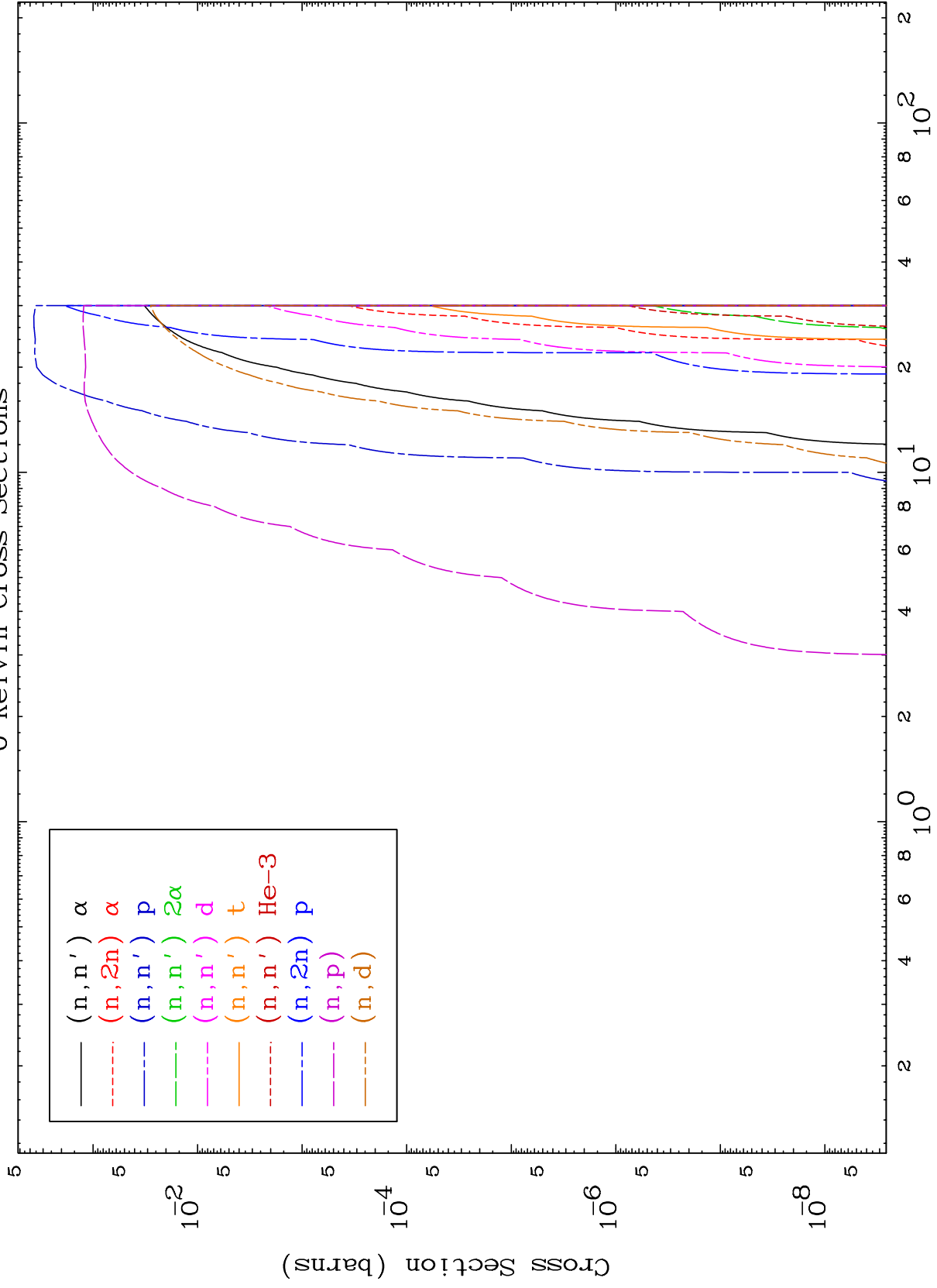
62-Sm-143m



MAT 6223

Proton Charged Particle
0 Kelvin Cross Sections

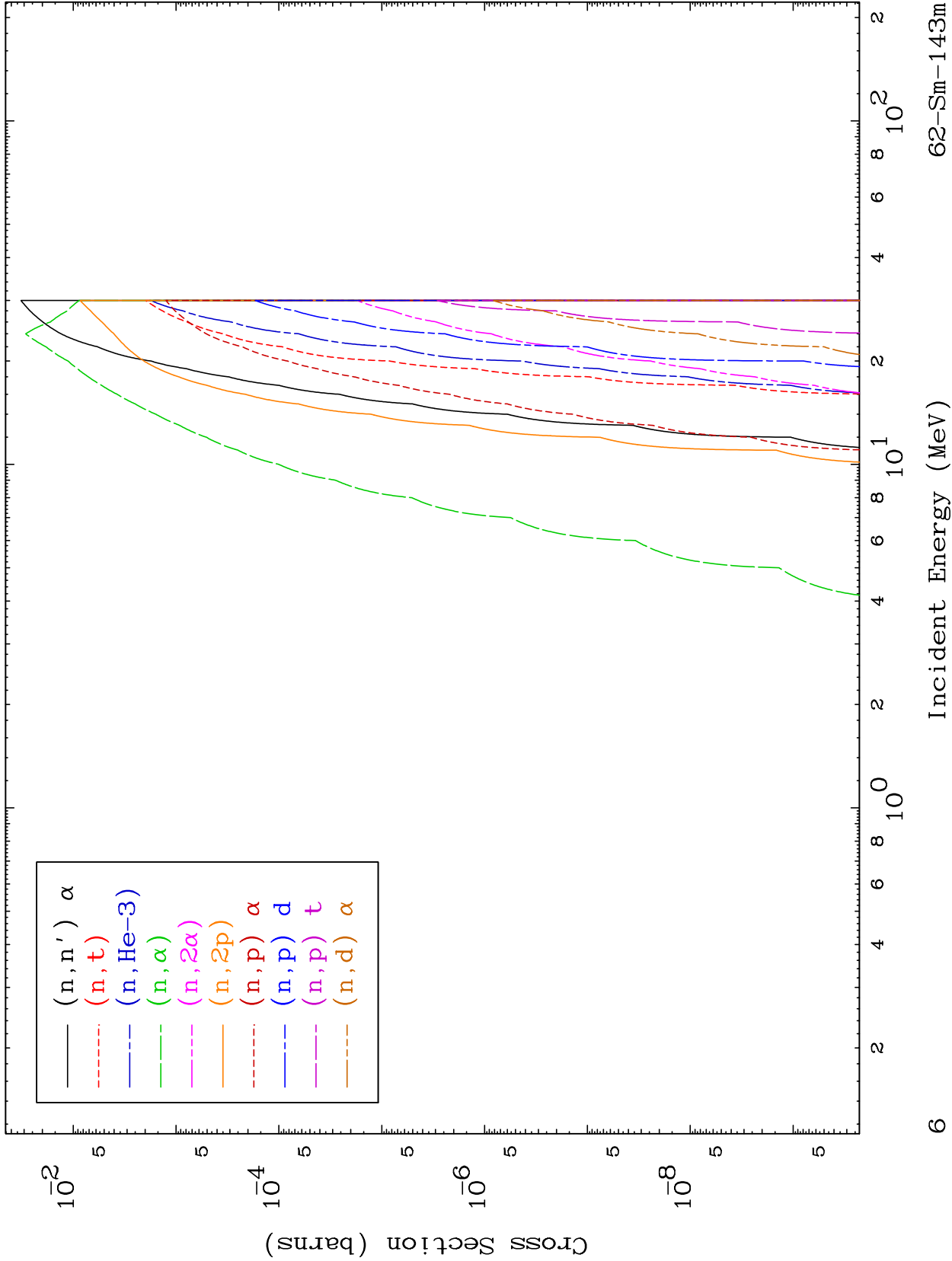
62-Sm-143m



MAT 6223

Proton Charged Particle
0 Kelvin Cross Sections

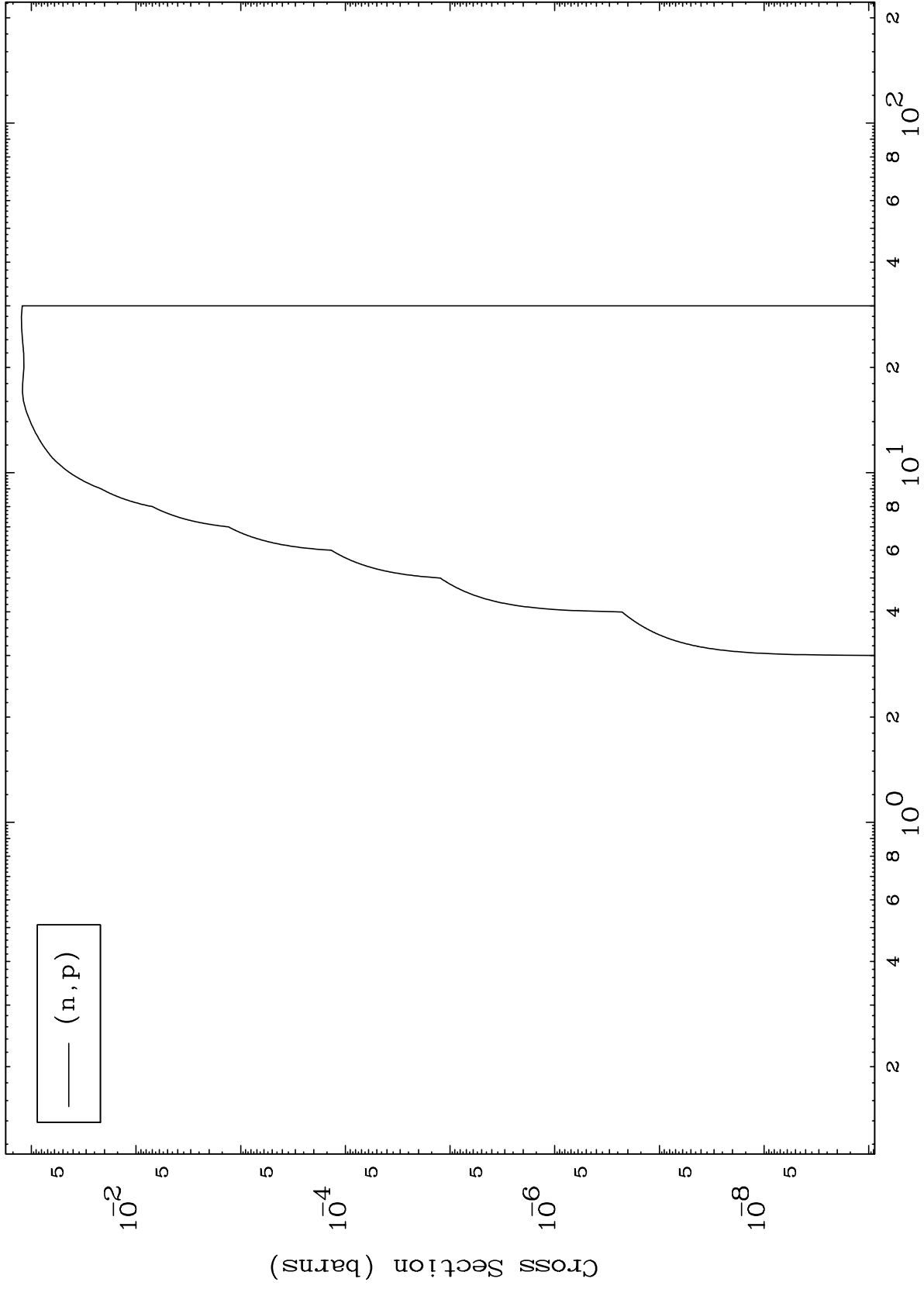
62-Sm-143m



MAT 6223

(p,p) Levels
0 Kelvin Cross Sections

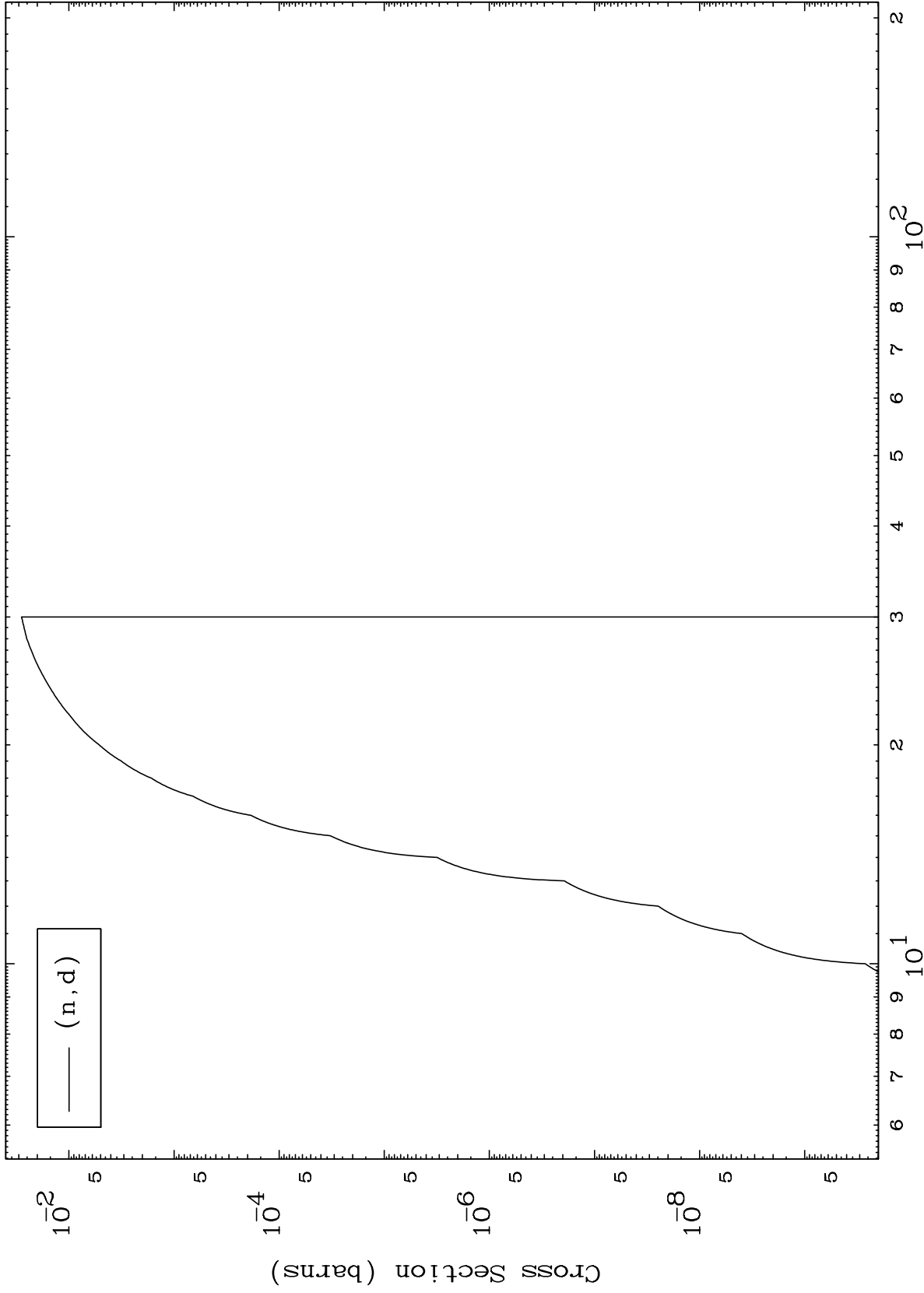
62-Sm-143m



MAT 6223

(p,d) Levels
0 Kelvin Cross Sections

62-Sm-143m



8

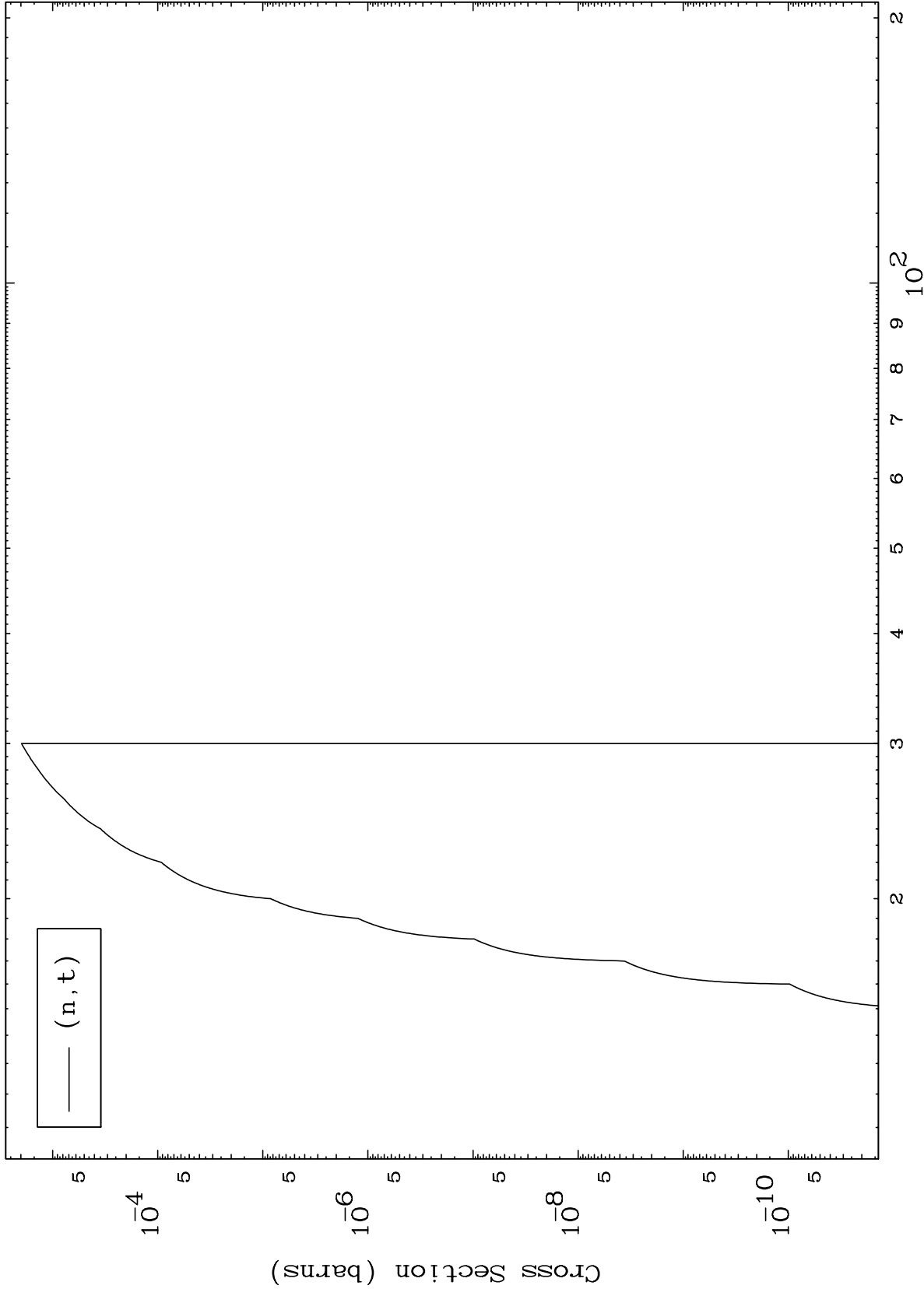
Incident Energy (MeV)

62-Sm-143m

MAT 6223

(p, t) Levels
0 Kelvin Cross Sections

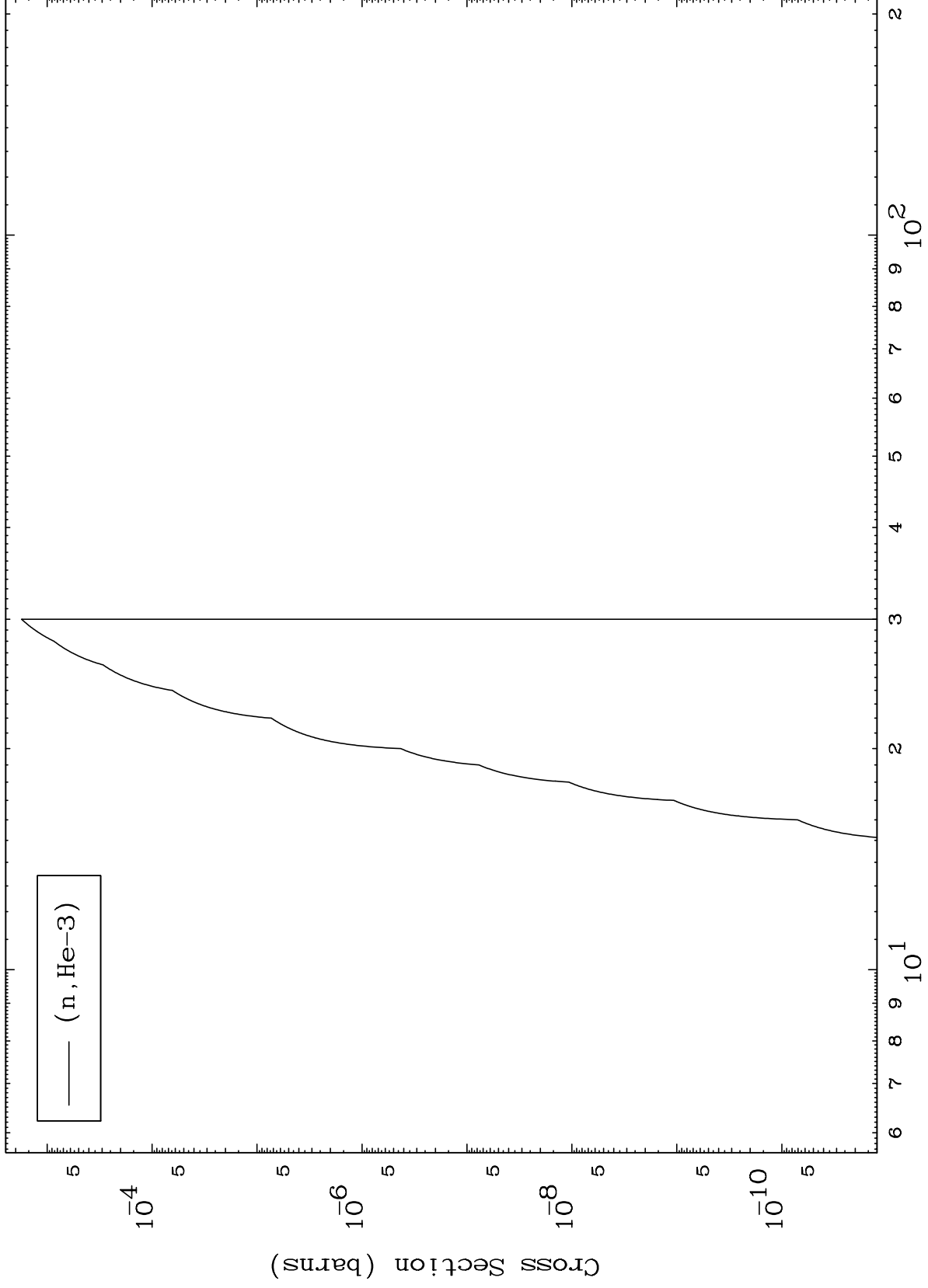
62-Sm-143m



MAT 6223

(p,He3) Levels
0 Kelvin Cross Sections

62-Sm-143m



10

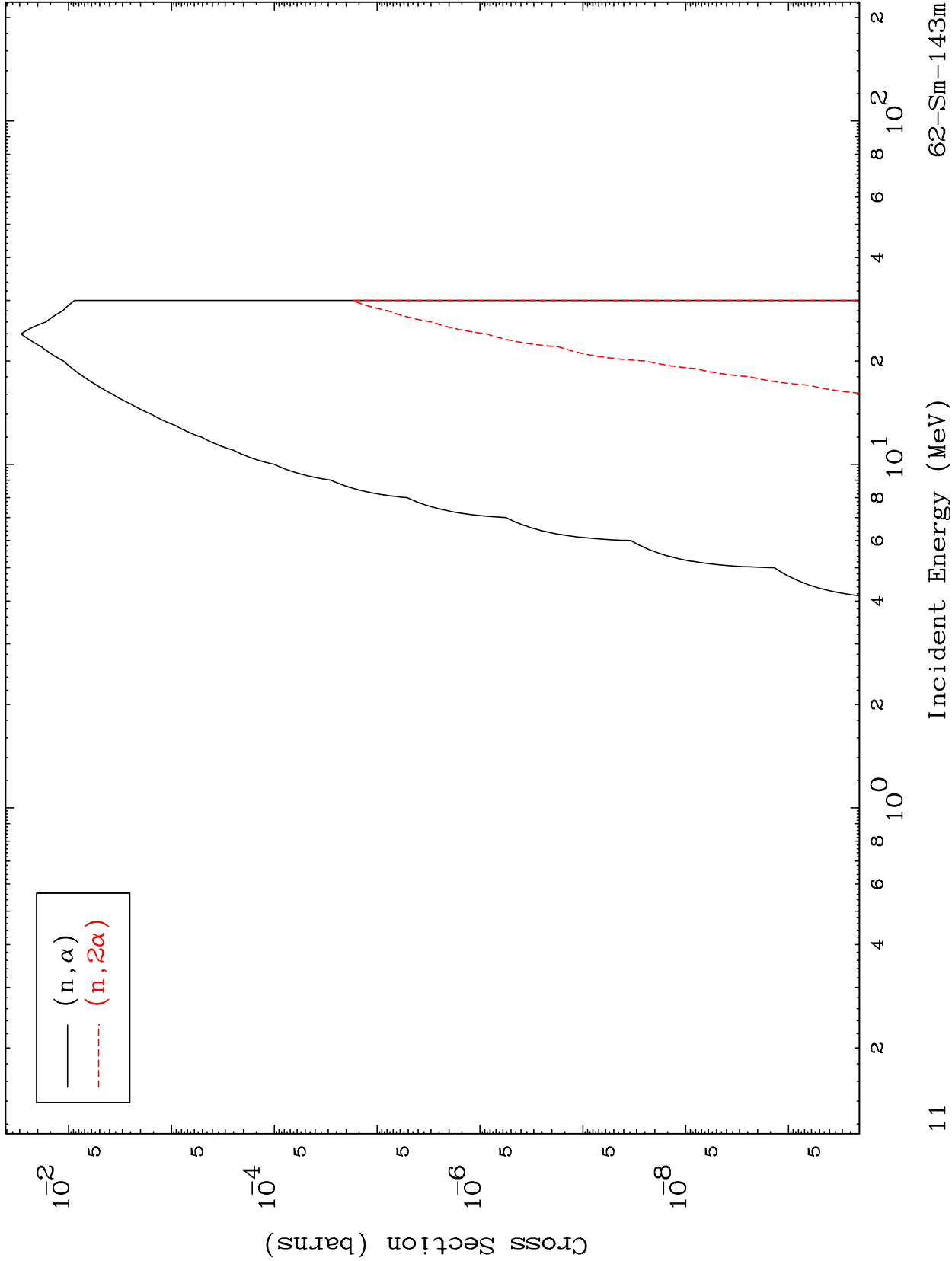
Incident Energy (MeV)

62-Sm-143m

MAT 6223

(p, α) Levels
0 Kelvin Cross Sections

62-Sm-143m

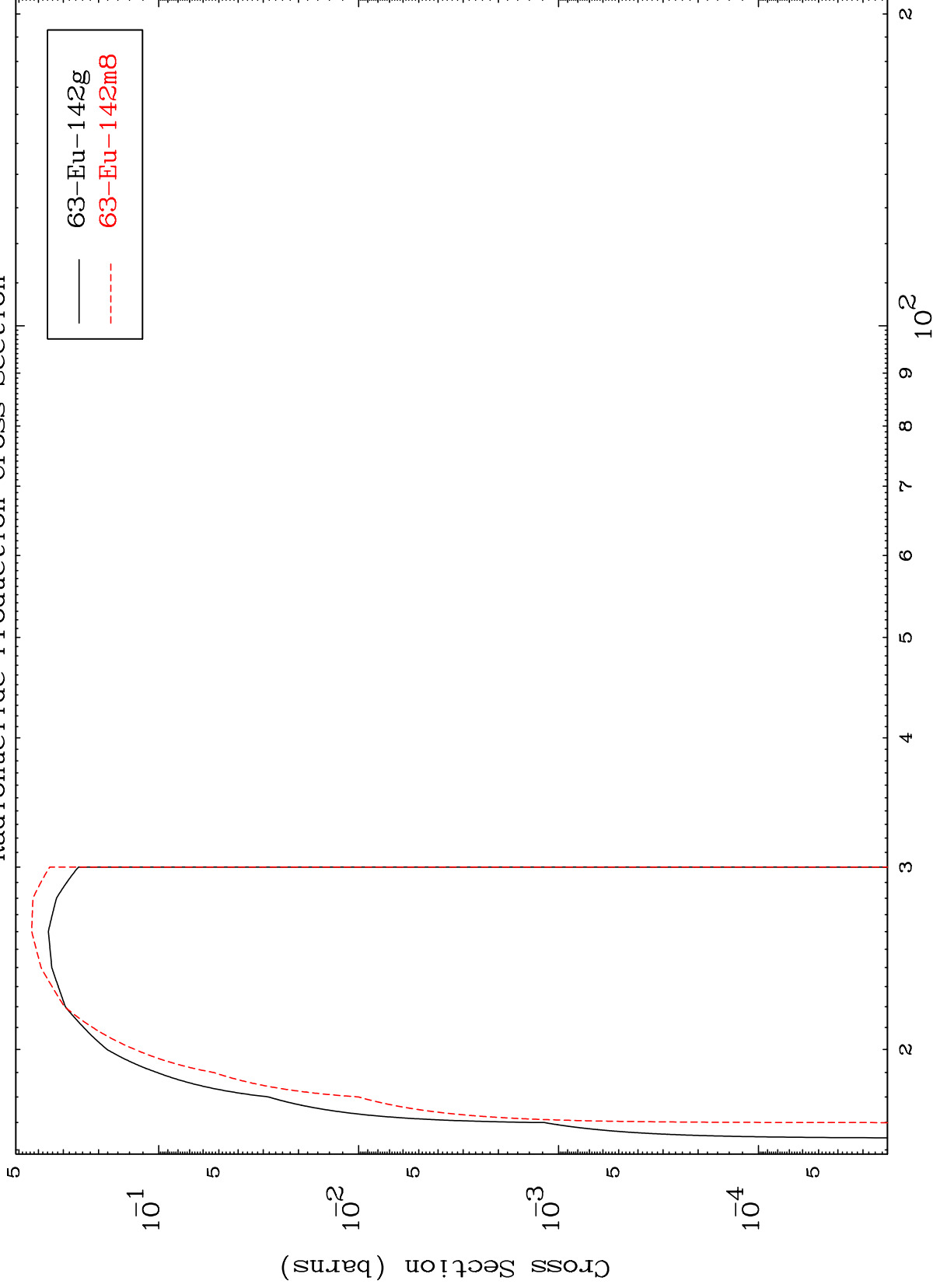


MAT 6223

(n,2n)

62-Sm-143m

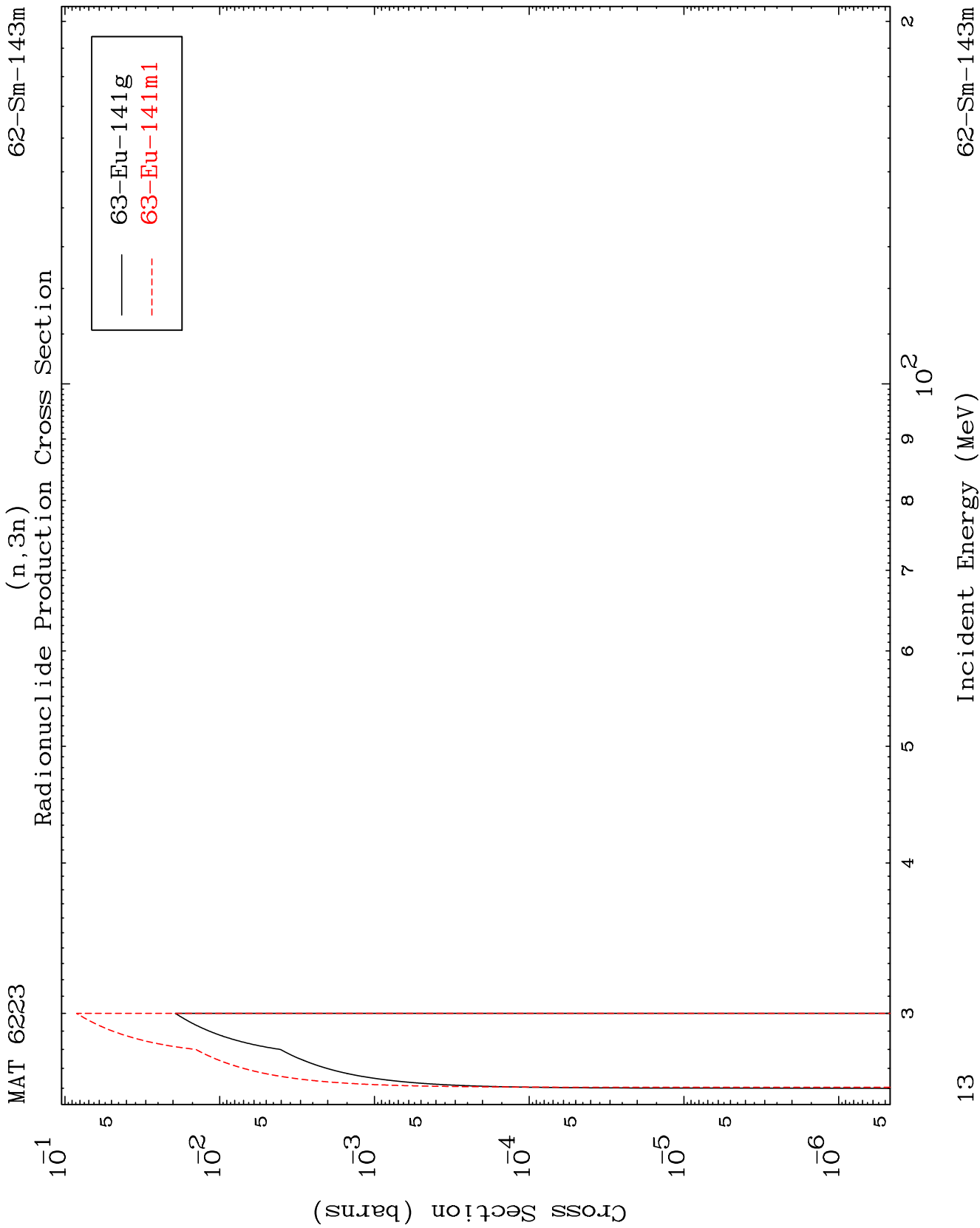
Radionuclide Production Cross Section



12

Incident Energy (MeV)

62-Sm-143m

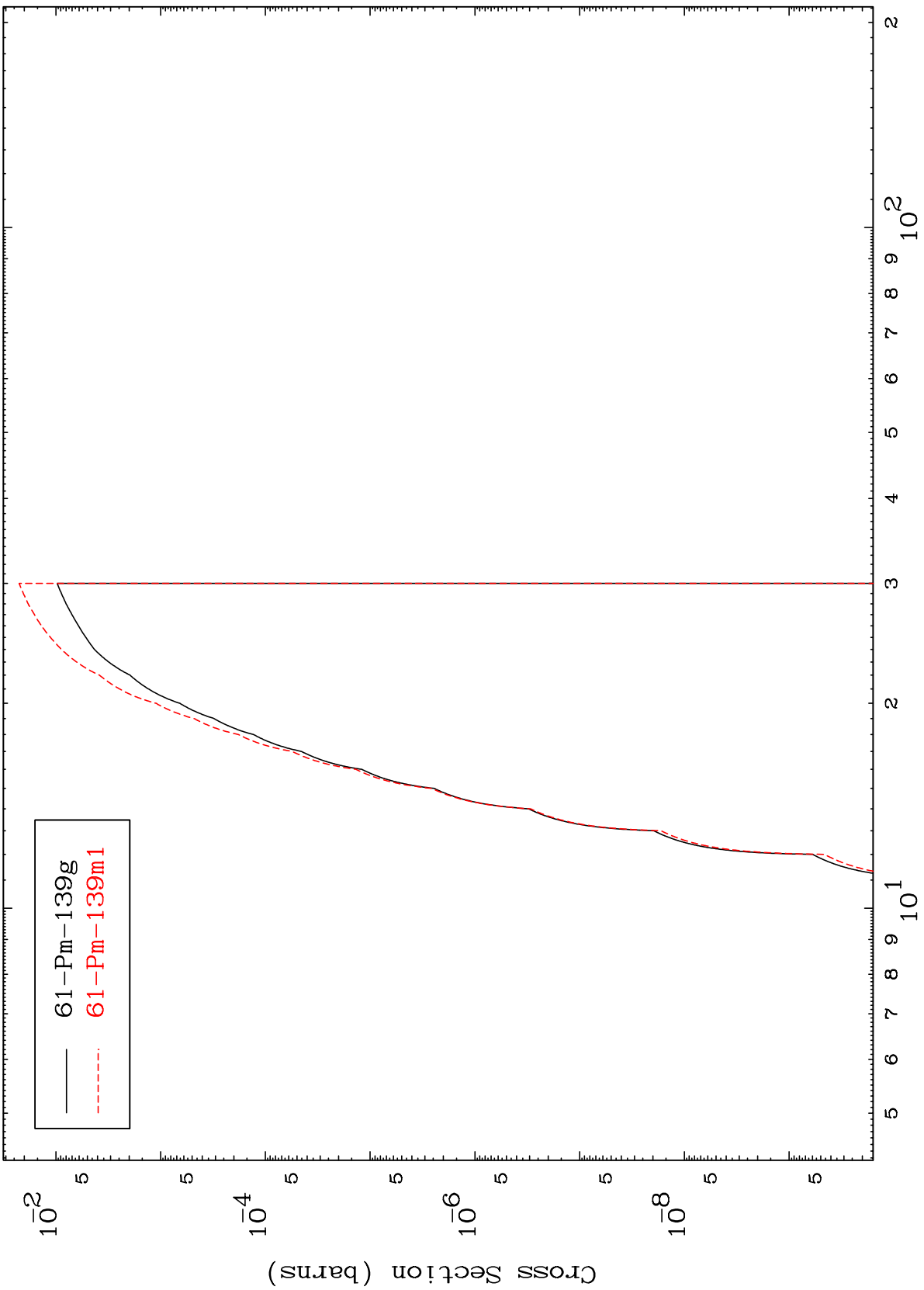


MAT 6223

$(n, n') \alpha$

62-Sm-143m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

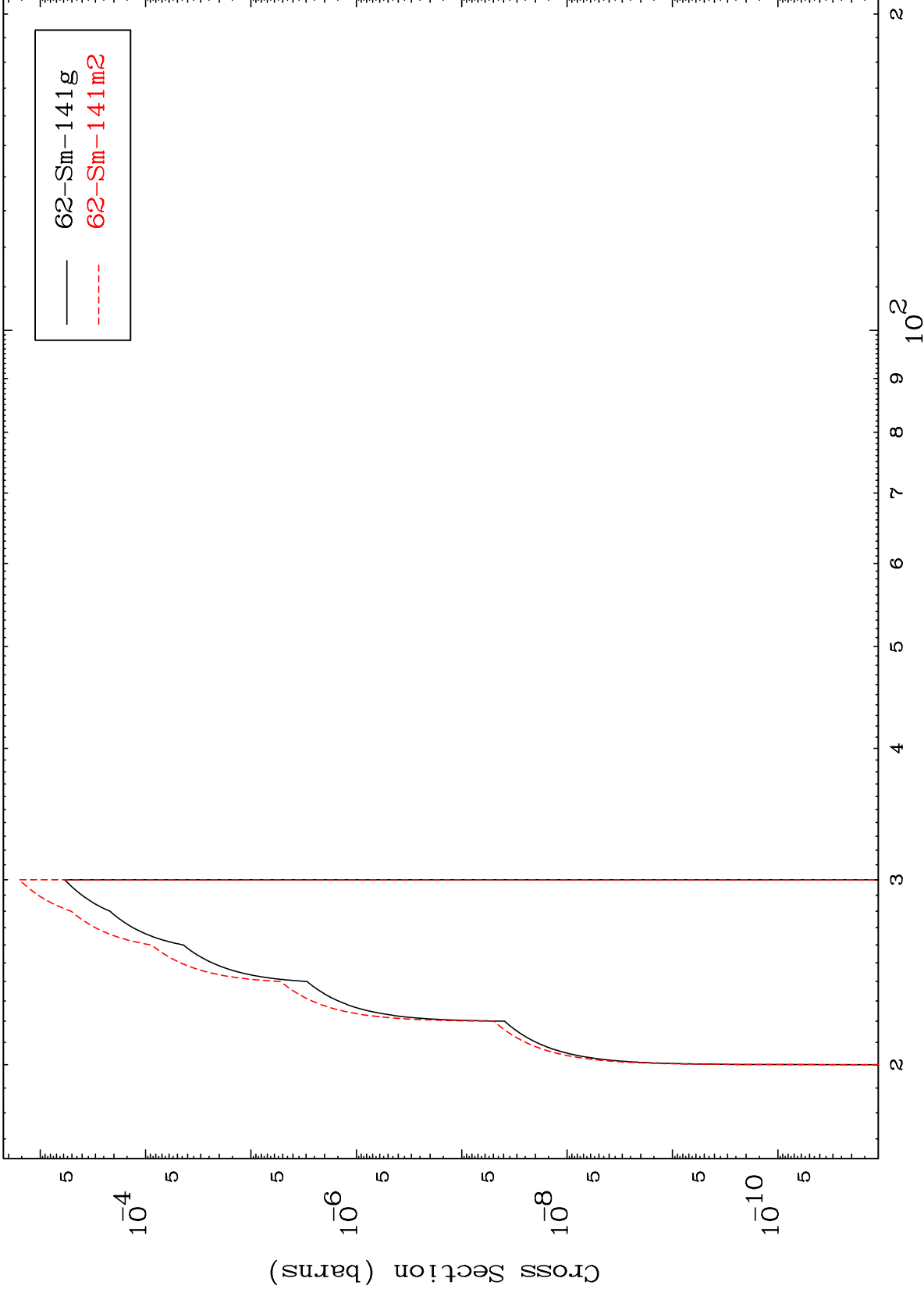
62-Sm-143m

MAT 6223

(n,n') d

62-Sm-143m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

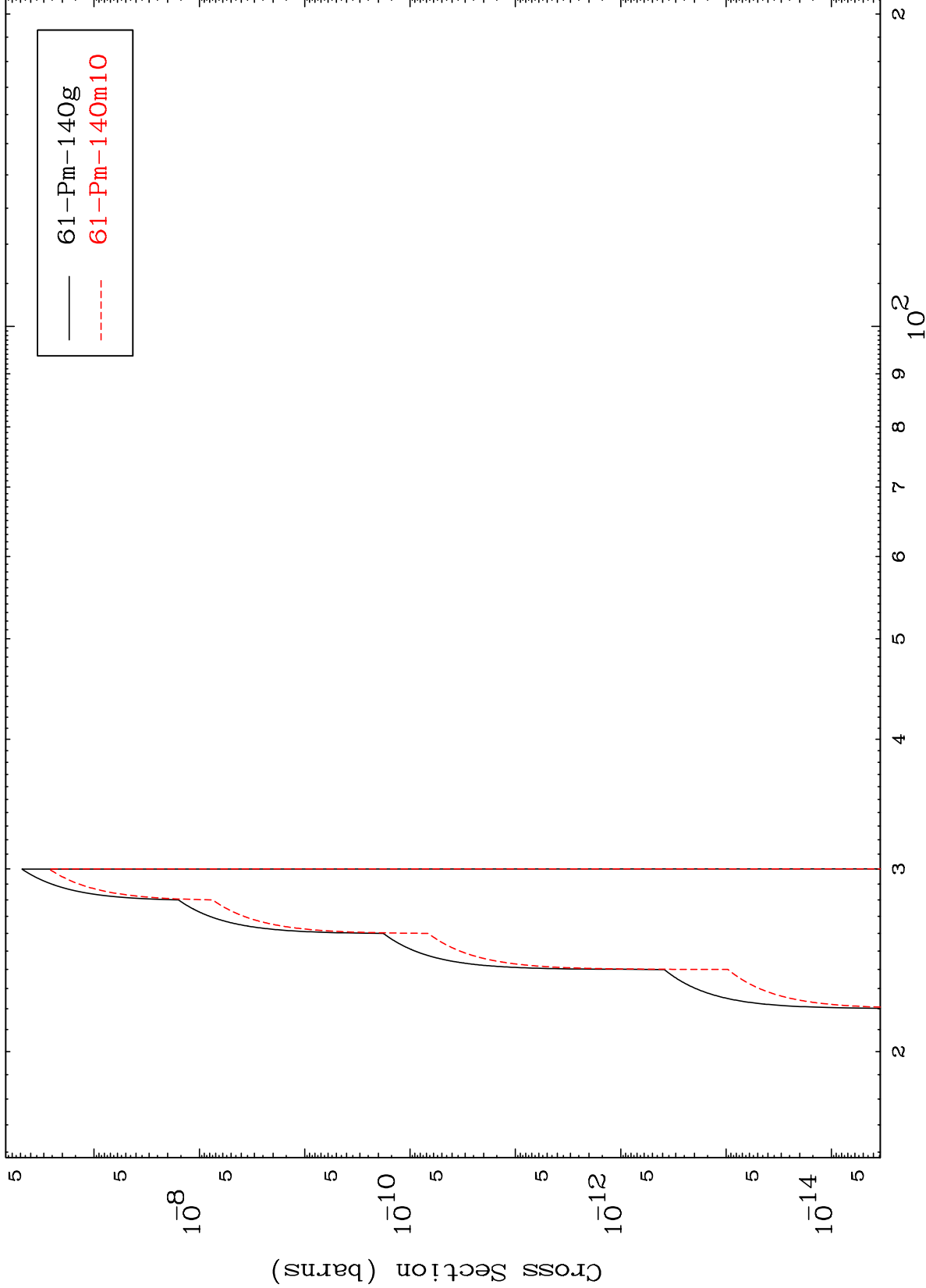
62-Sm-143m

MAT 6223

(n,n') He-3

62-Sm-143m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

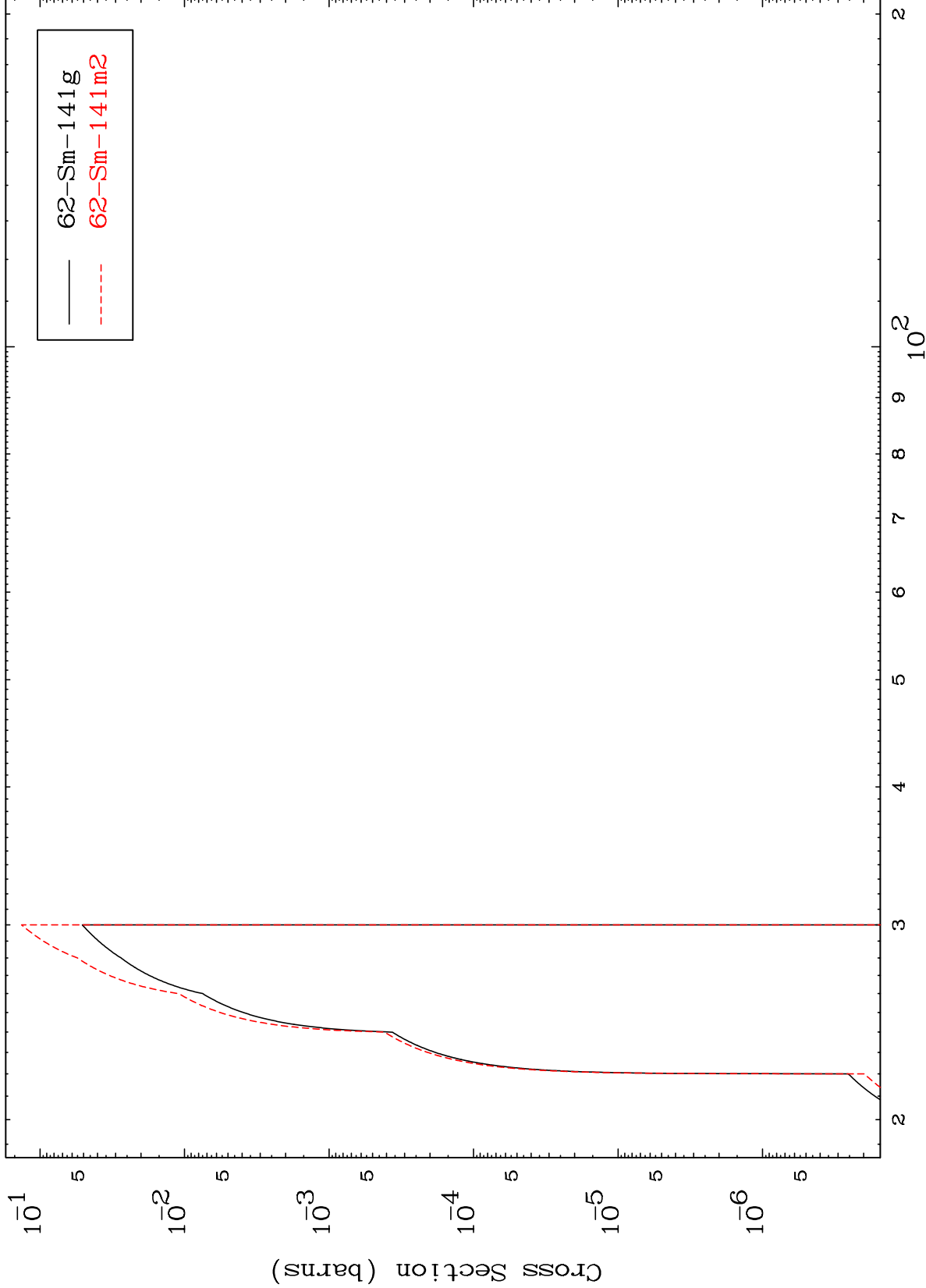
62-Sm-143m

MAT 62223

(n,2n) p

62-Sm-143m

Radionuclide Production Cross Section



17

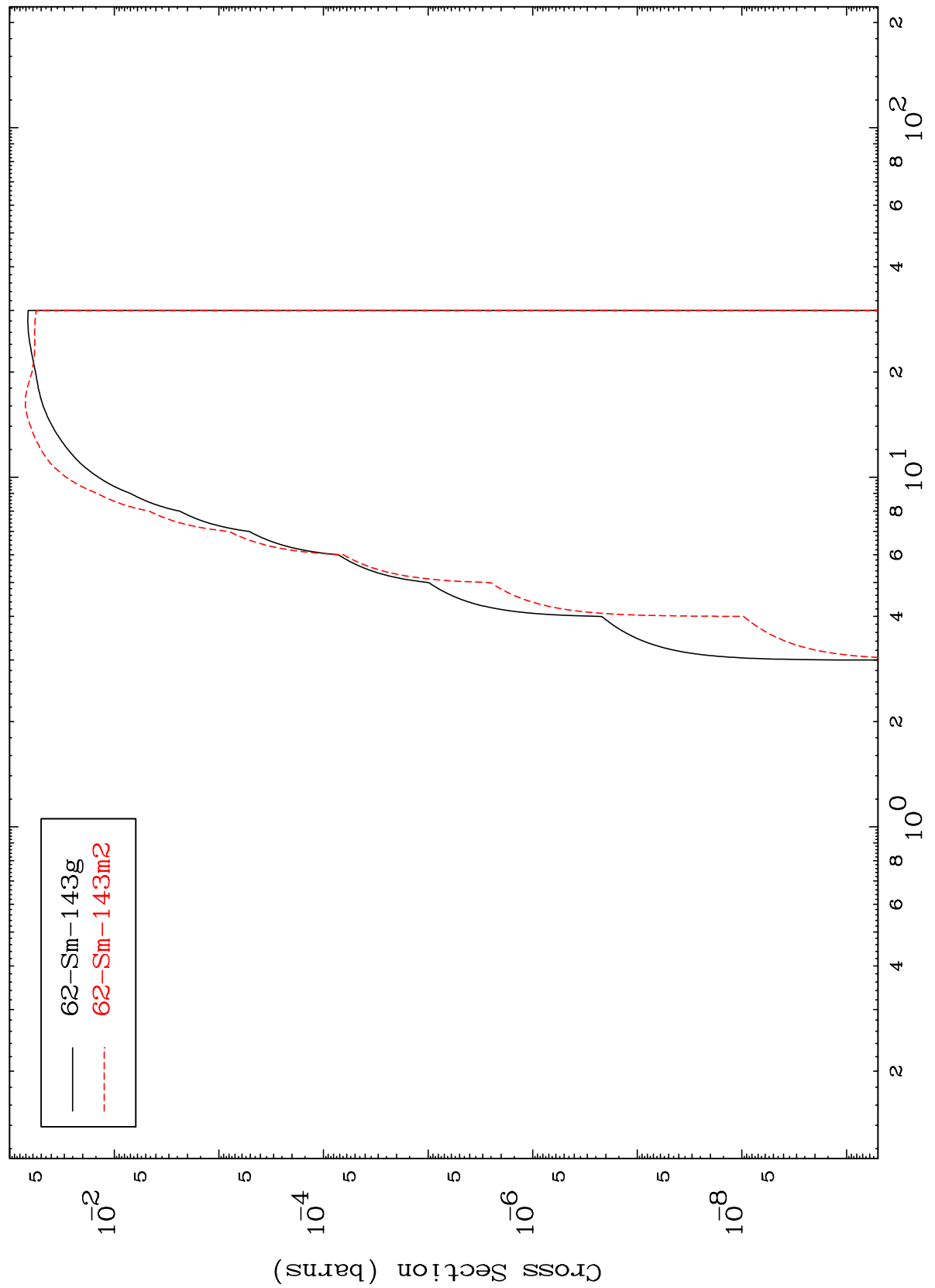
Incident Energy (MeV)

62-Sm-143m

MAT 6223

62-Sm-143m

(n,p)
Radionuclide Production Cross Section



62-Sm-143m

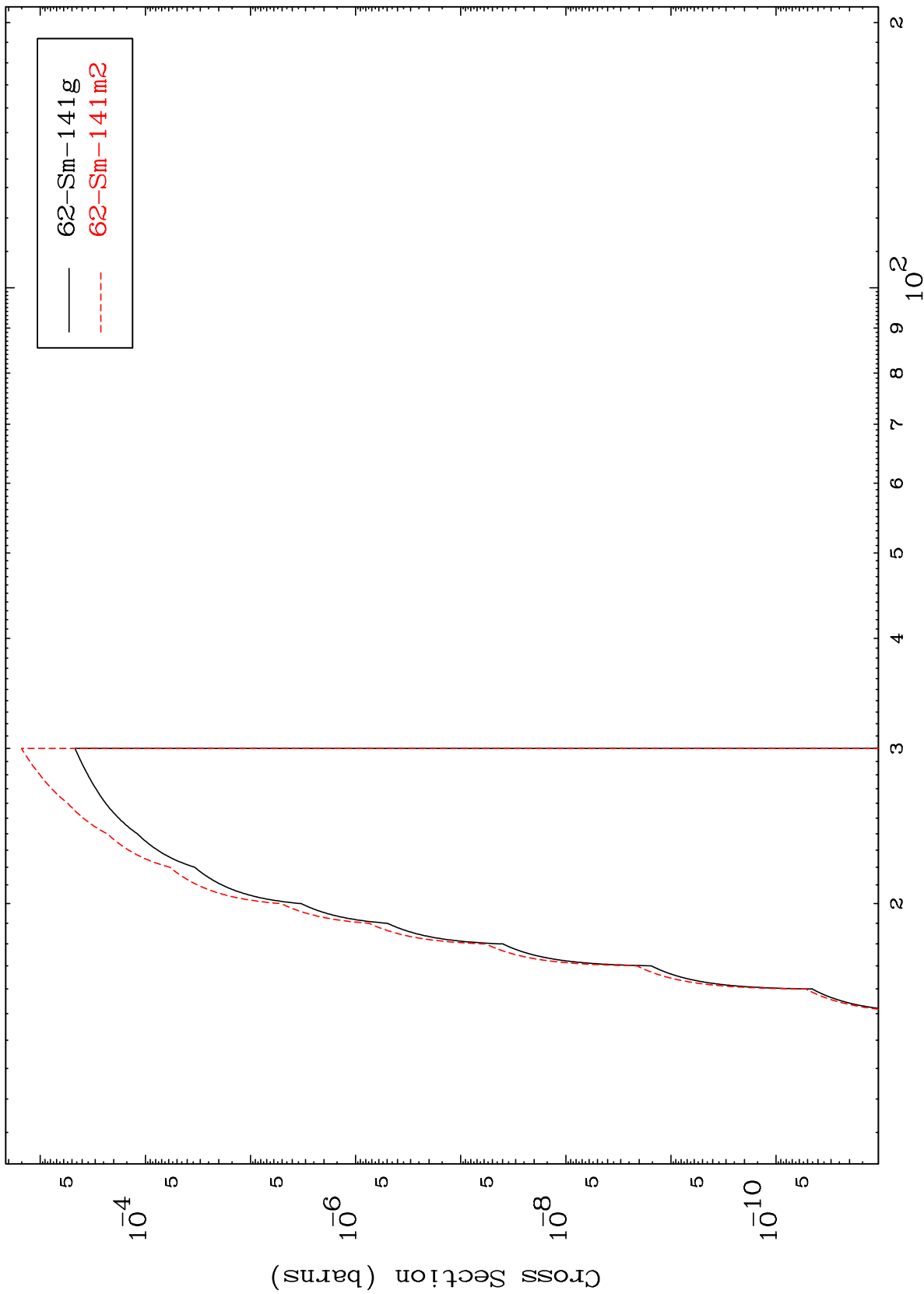
Incident Energy (MeV)

18

MAT 6223

62-Sm-143m

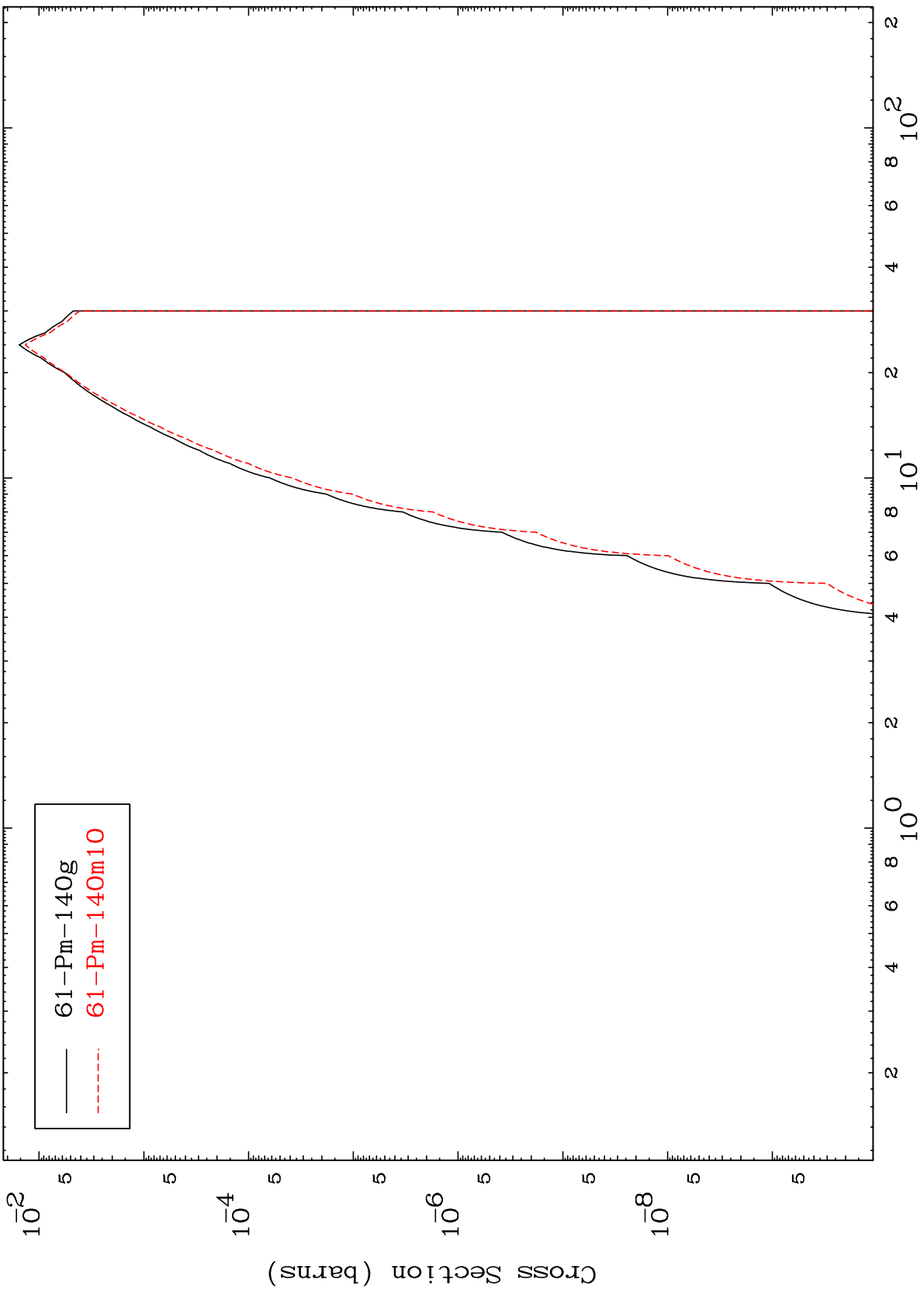
(n, t)
Radionuclide Production Cross Section



MAT 6223

62-Sm-143m

Radionuclide Production Cross Section
(n, α)



61-Pm-140g
61-Pm-140m10

62-Sm-143m

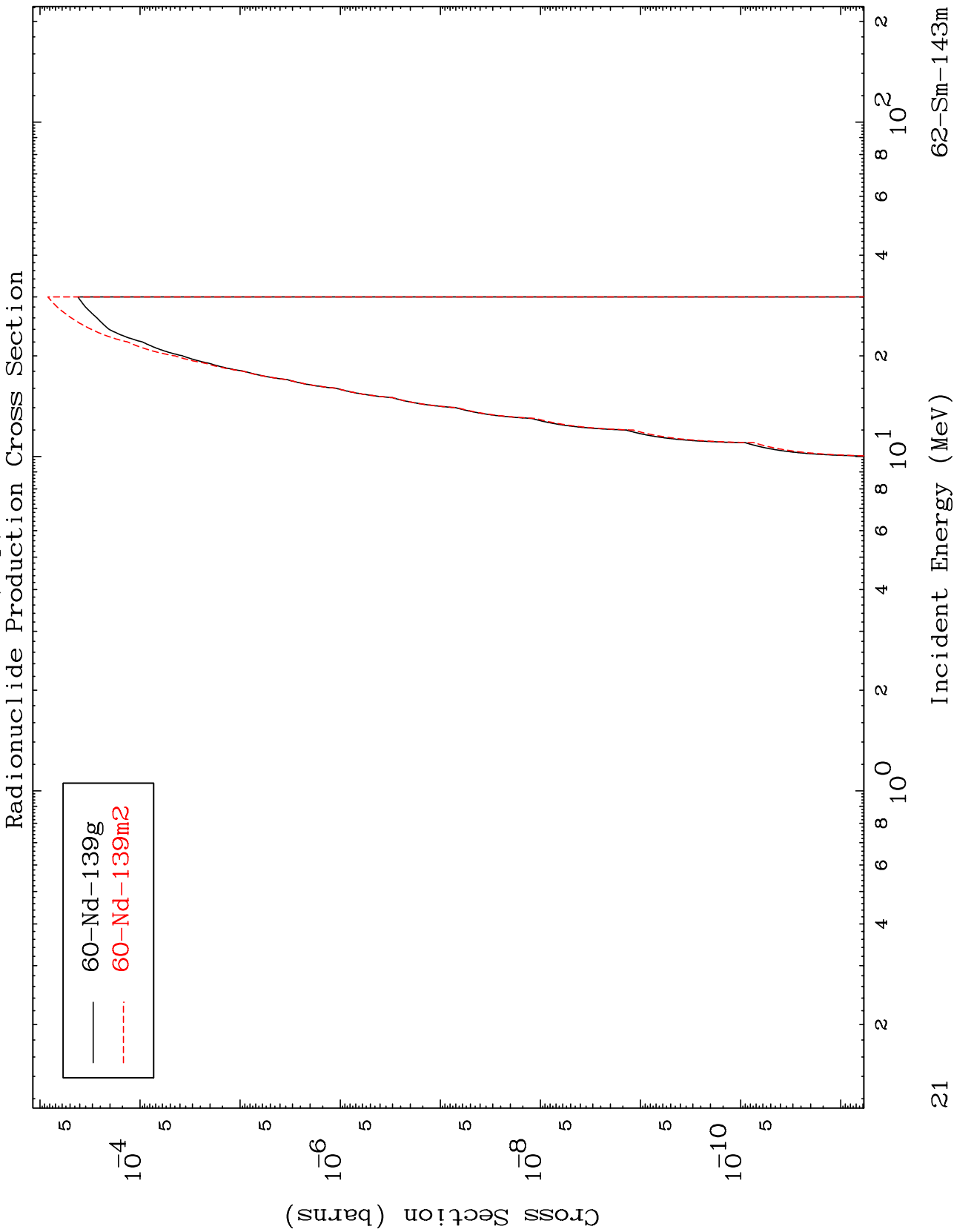
Incident Energy (MeV)

20

MAT 6223

(n,p) α

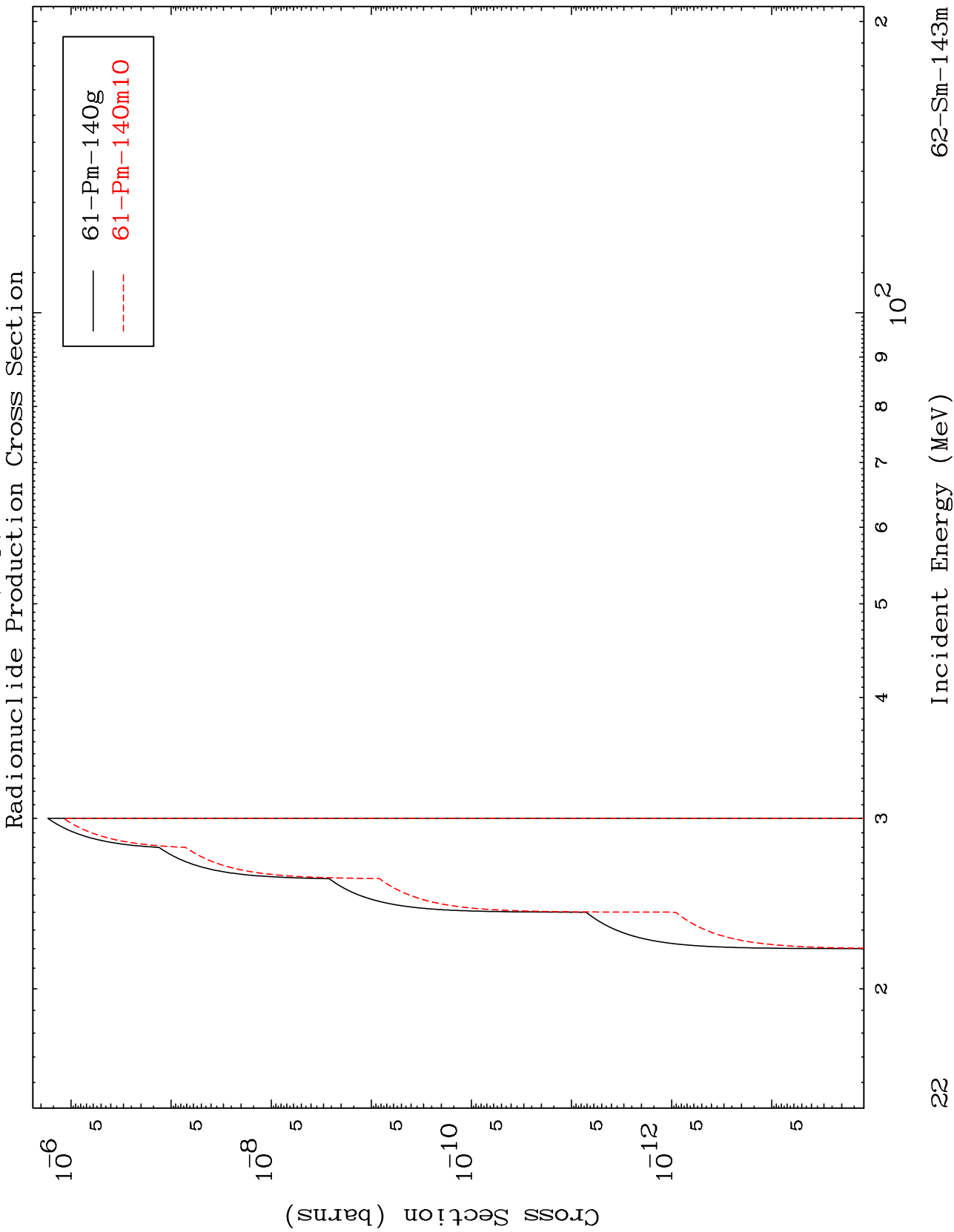
62-Sm-143m



MAT 6223

(n,p) t

62-Sm-143m



22

62-Sm-143m