

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

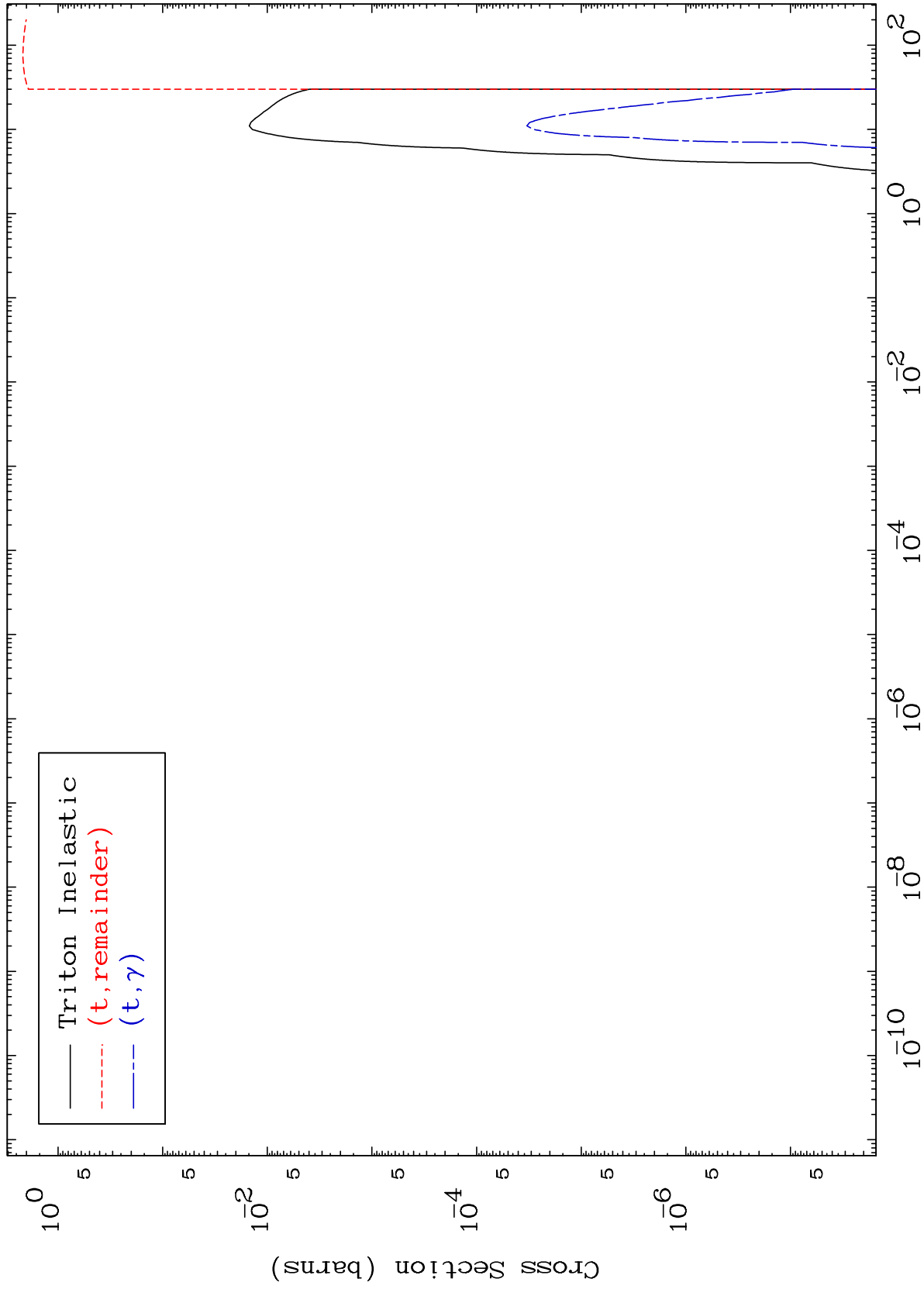
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6201

Triton Major
0 Kelvin Cross Sections

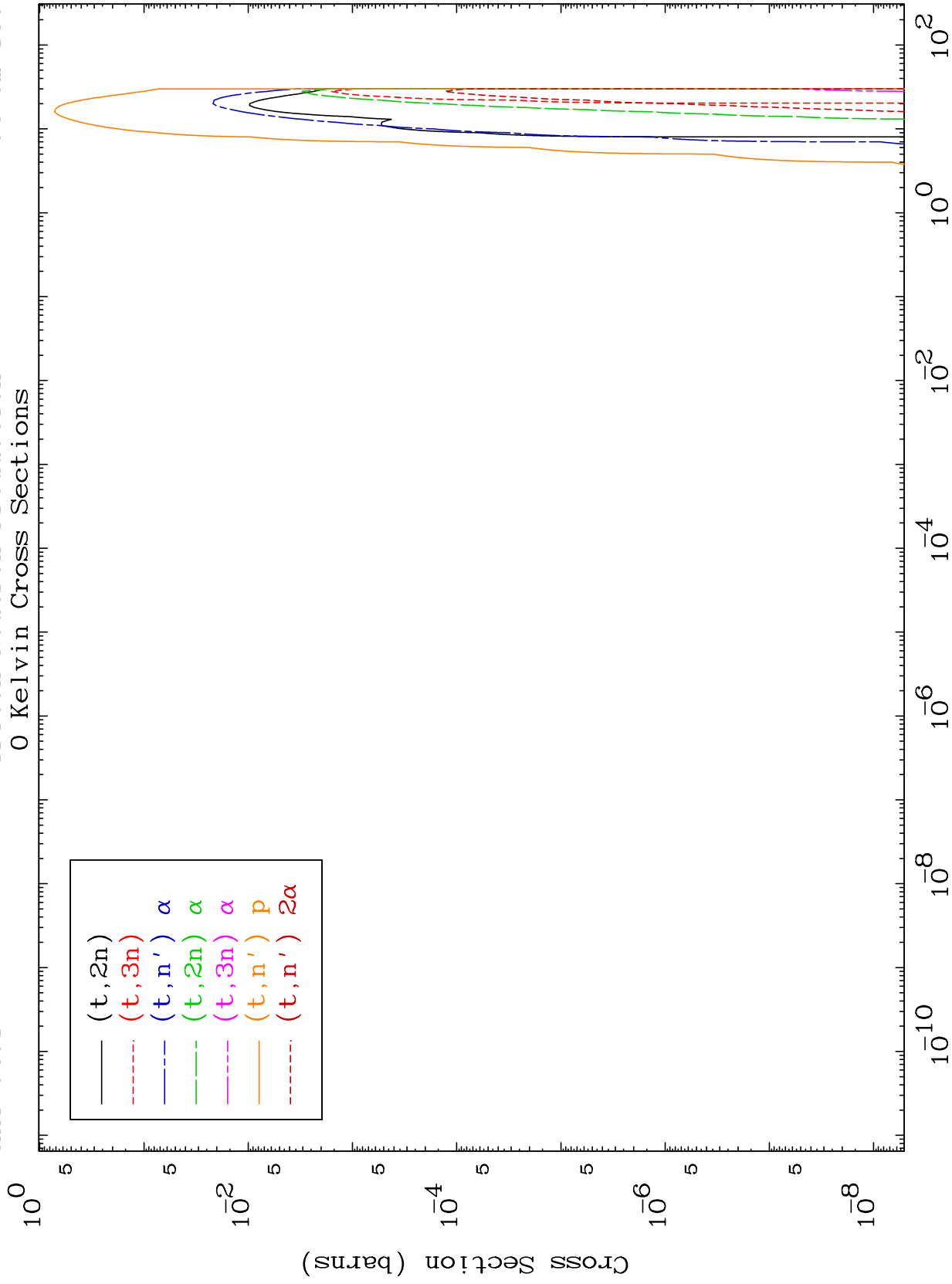
62-Sm-136



MAT 6201

Triton Neutron Production
0 Kelvin Cross Sections

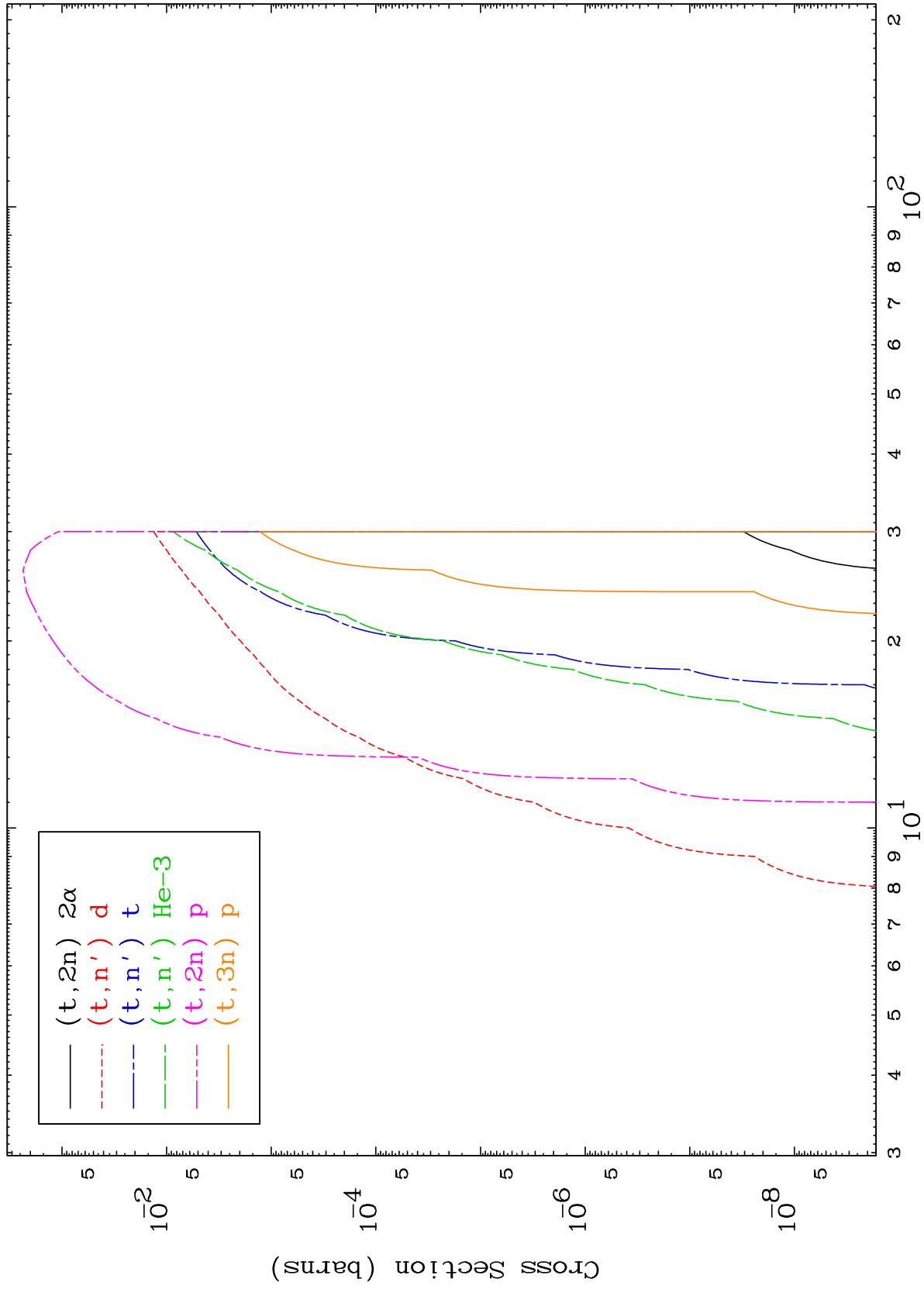
62-Sm-136



2

Incident Energy (MeV)

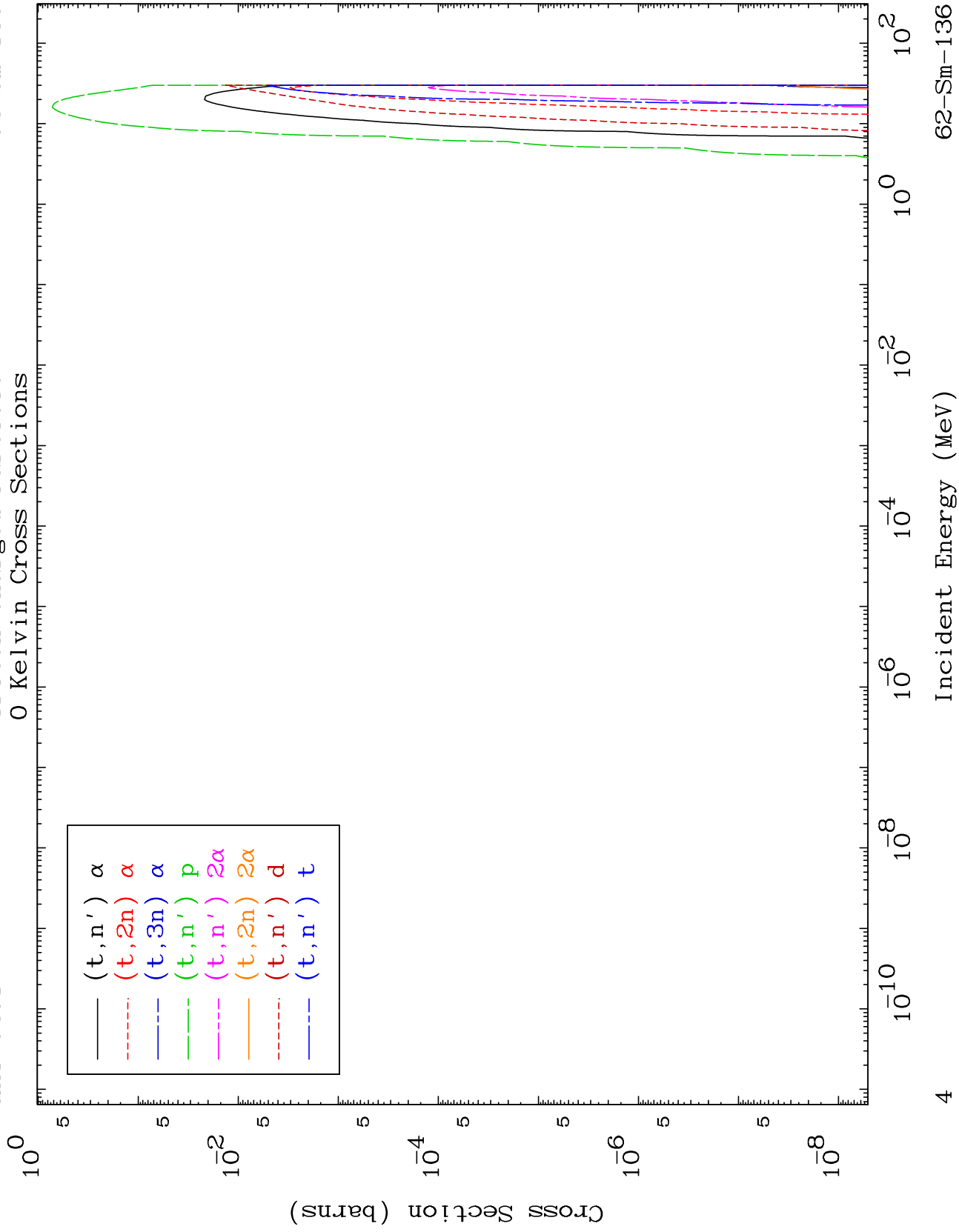
62-Sm-136



MAT 6201

Triton Charged Particle
0 Kelvin Cross Sections

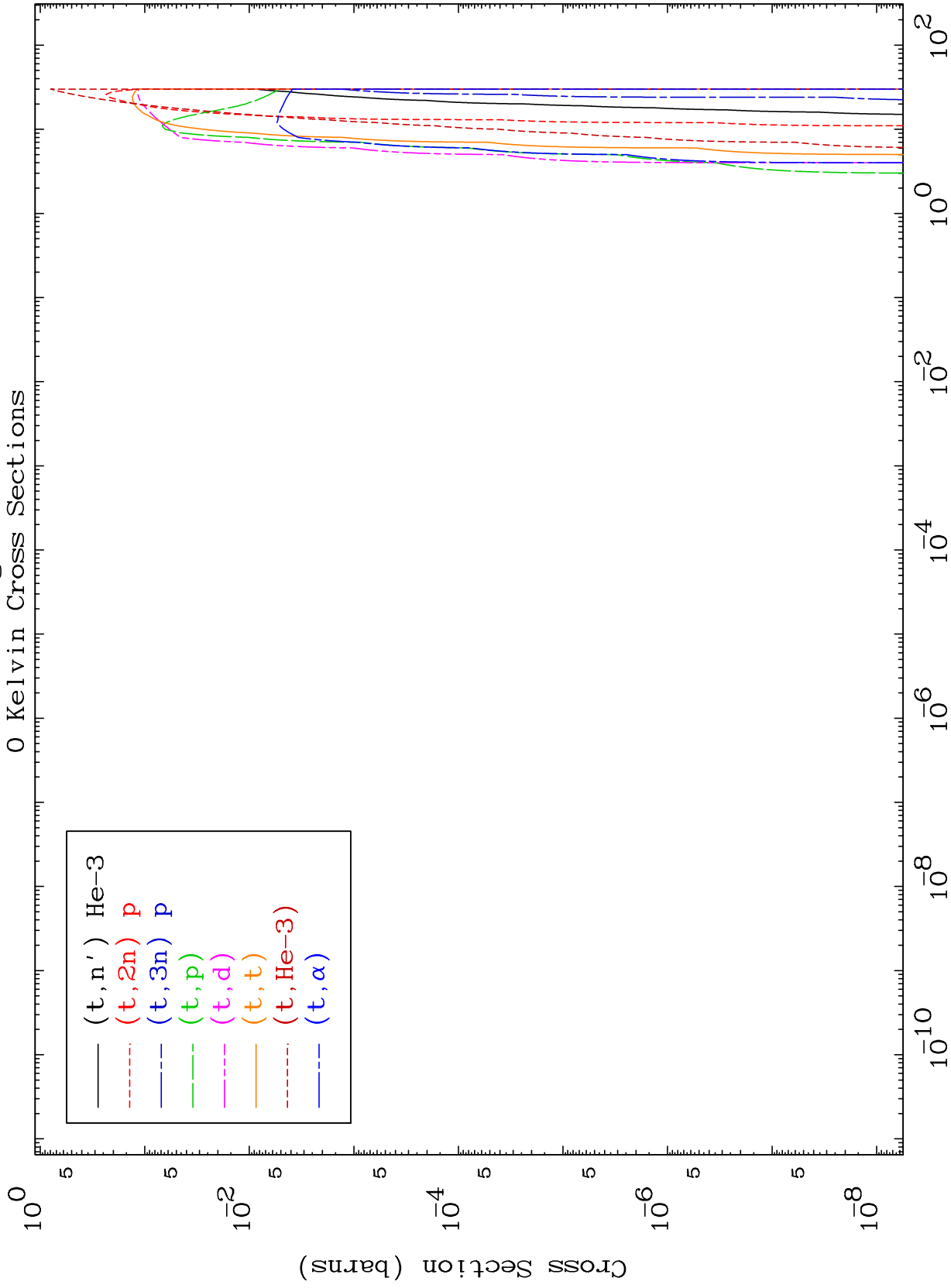
62-Sm-136



MAT 6201

Triton Charged Particle
0 Kelvin Cross Sections

62-Sm-136



5

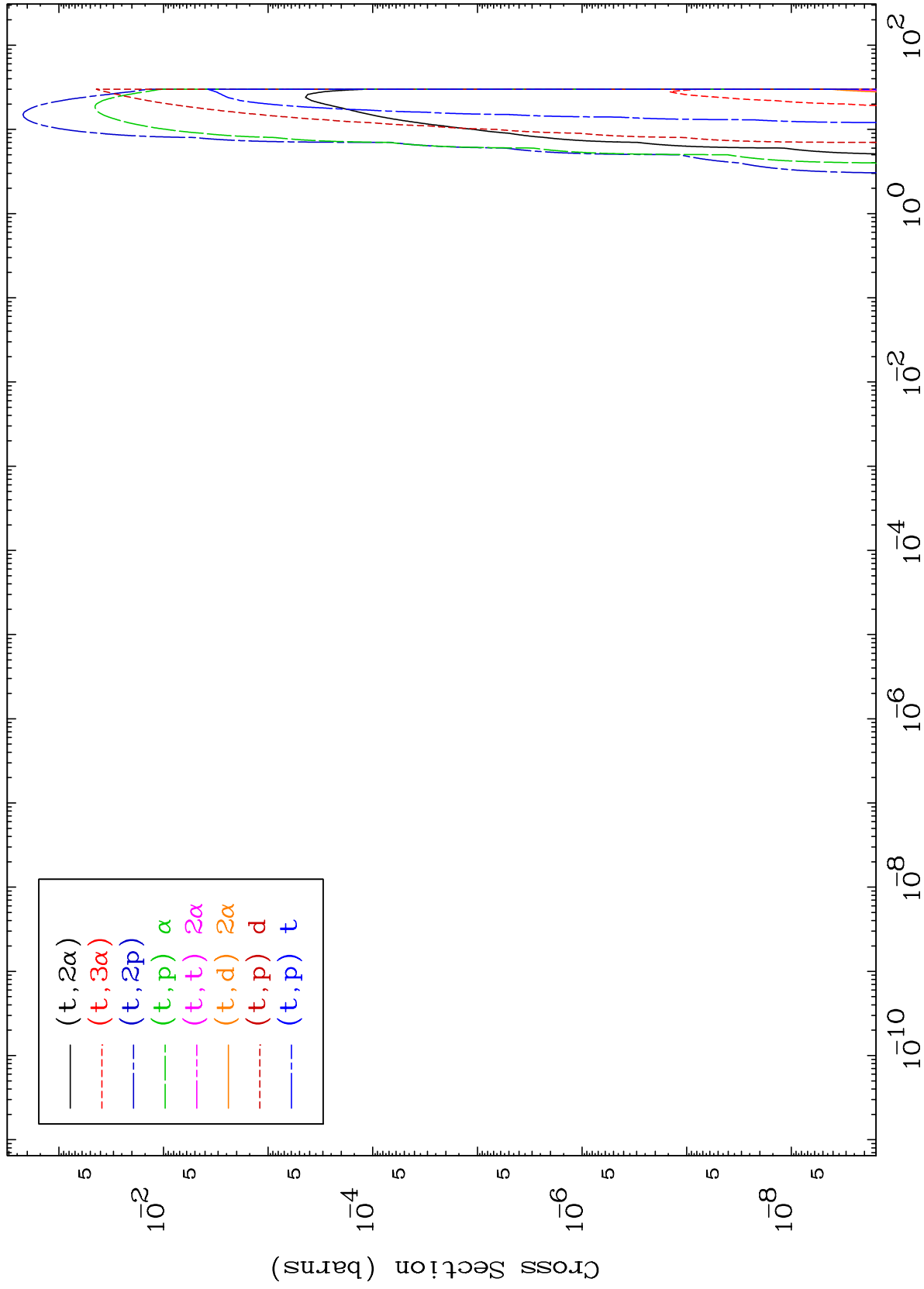
Incident Energy (MeV)

62-Sm-136

MAT 6201

Triton Charged Particle
0 Kelvin Cross Sections

62-Sm-136



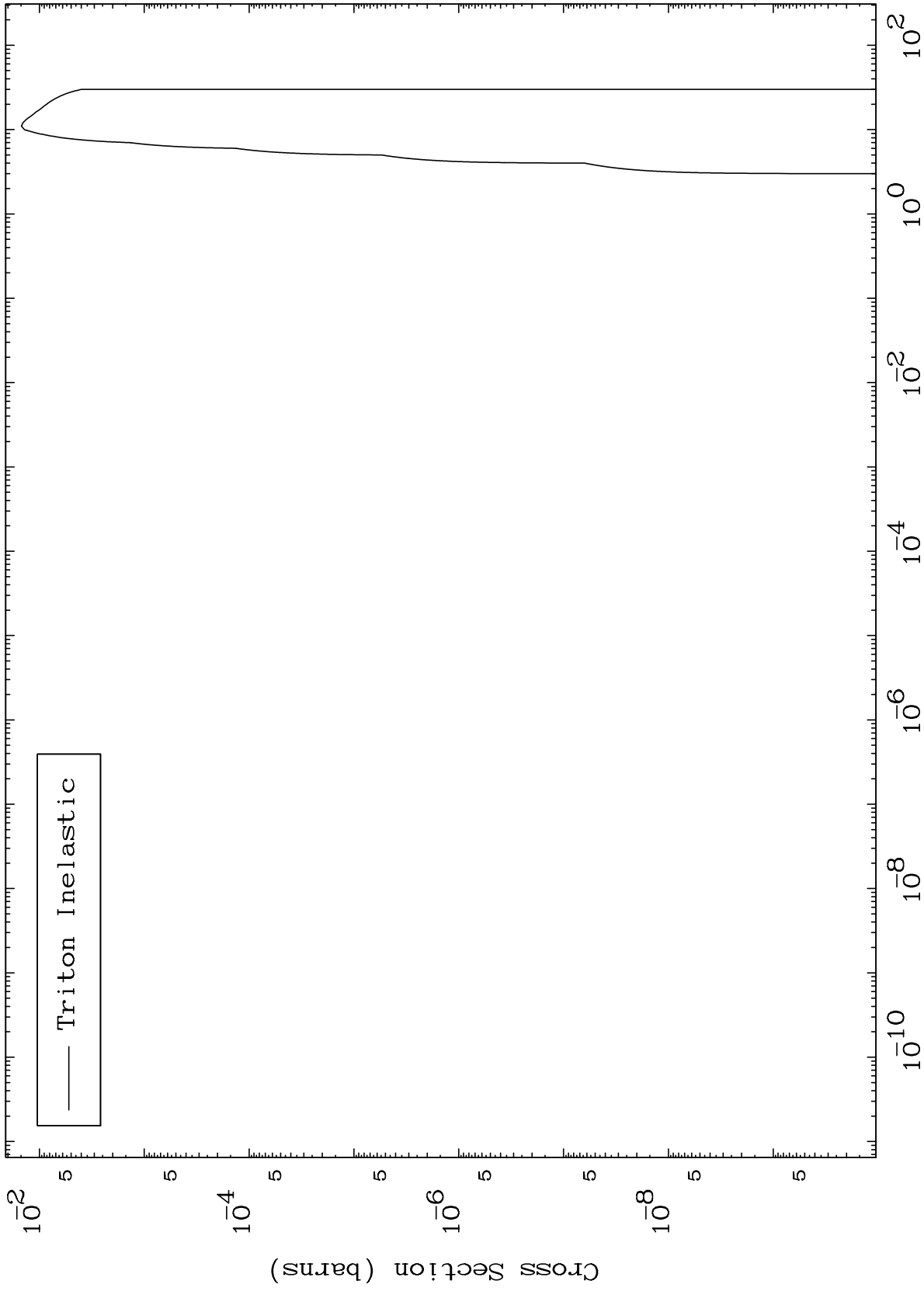
6

62-Sm-136

MAT 6201

(t,n') Level
0 Kelvin Cross Sections

62-Sm-136



7

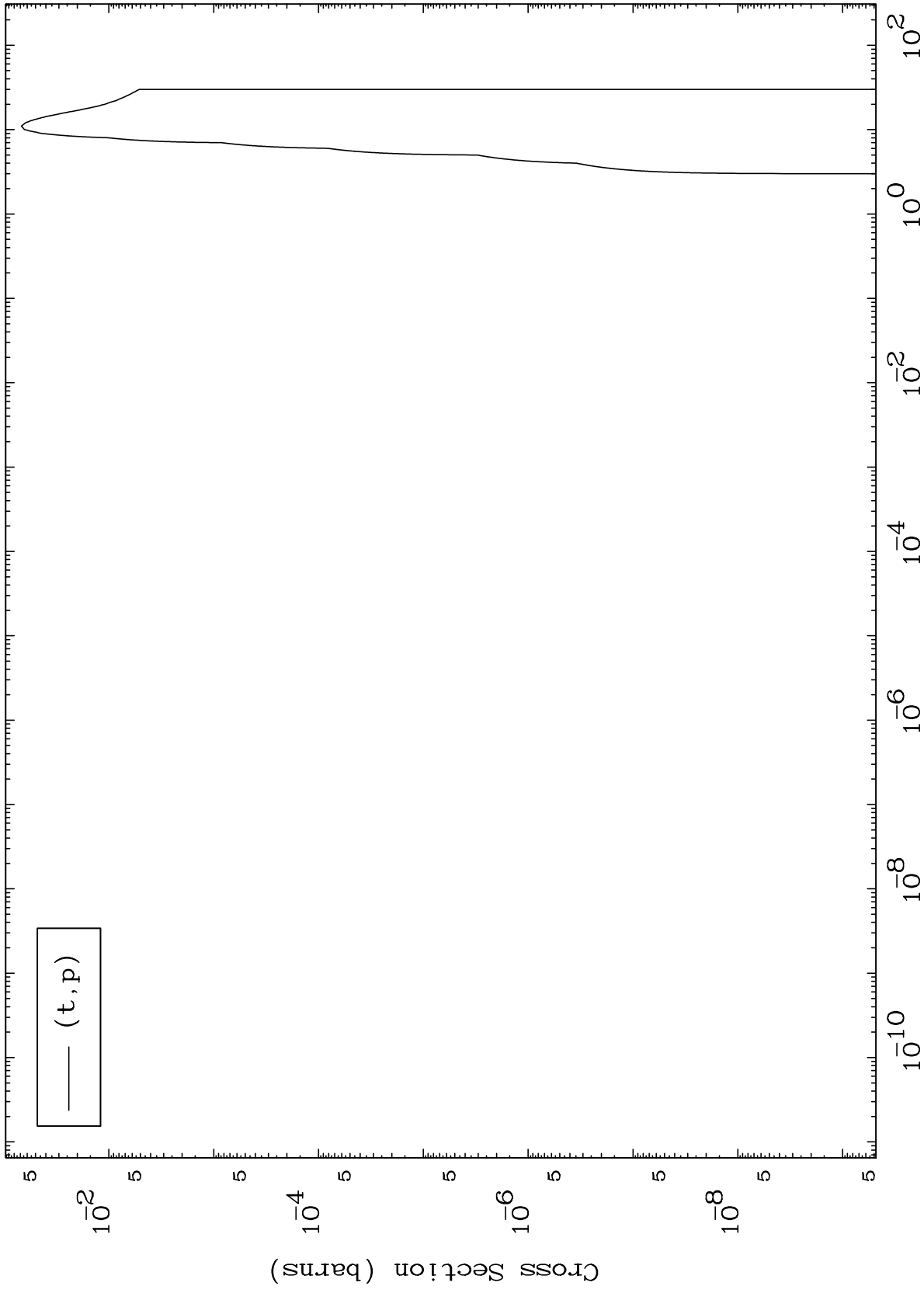
Incident Energy (MeV)

62-Sm-136

MAT 6201

(t,p) Levels
0 Kelvin Cross Sections

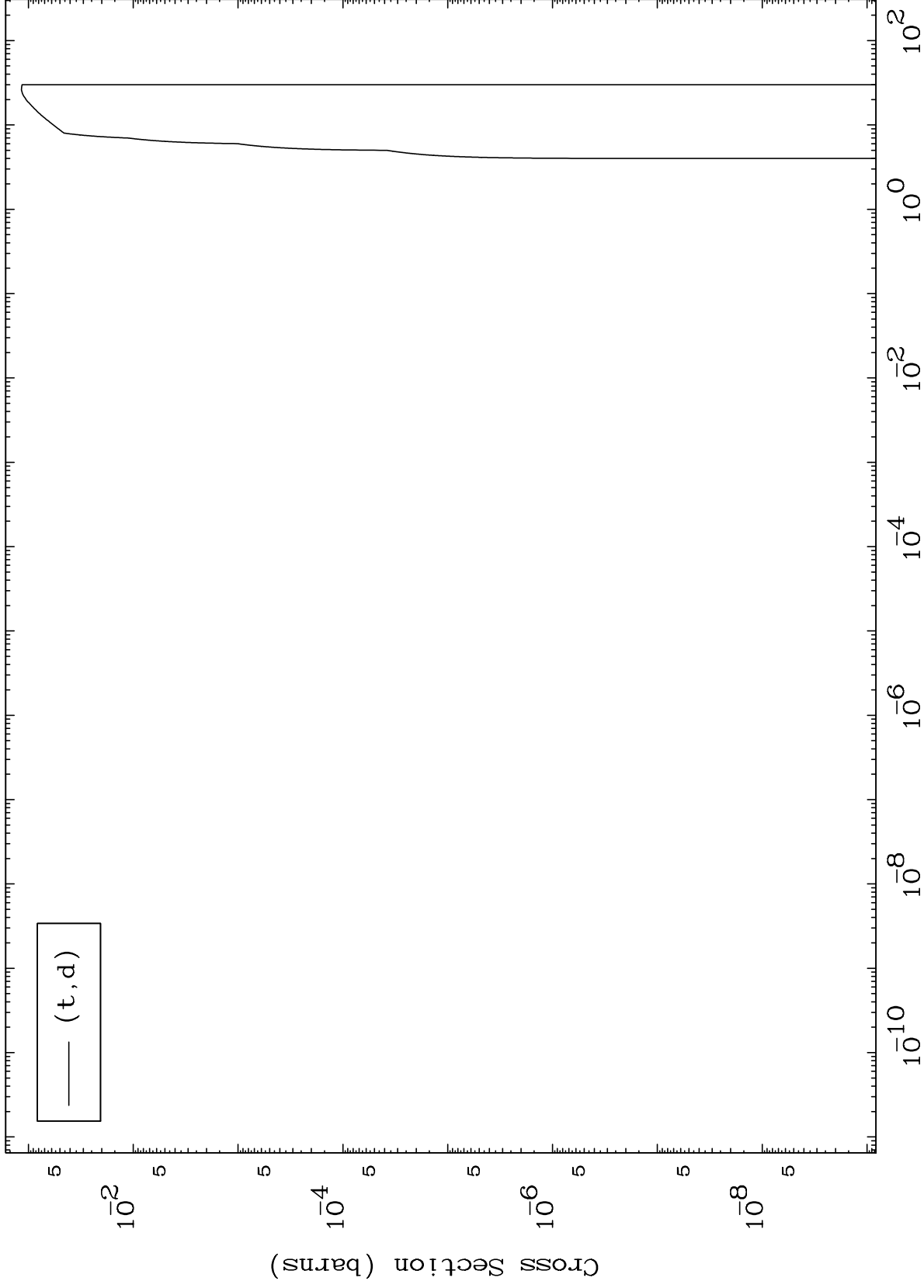
62-Sm-136



MAT 6201

(t,d) Levels
0 Kelvin Cross Sections

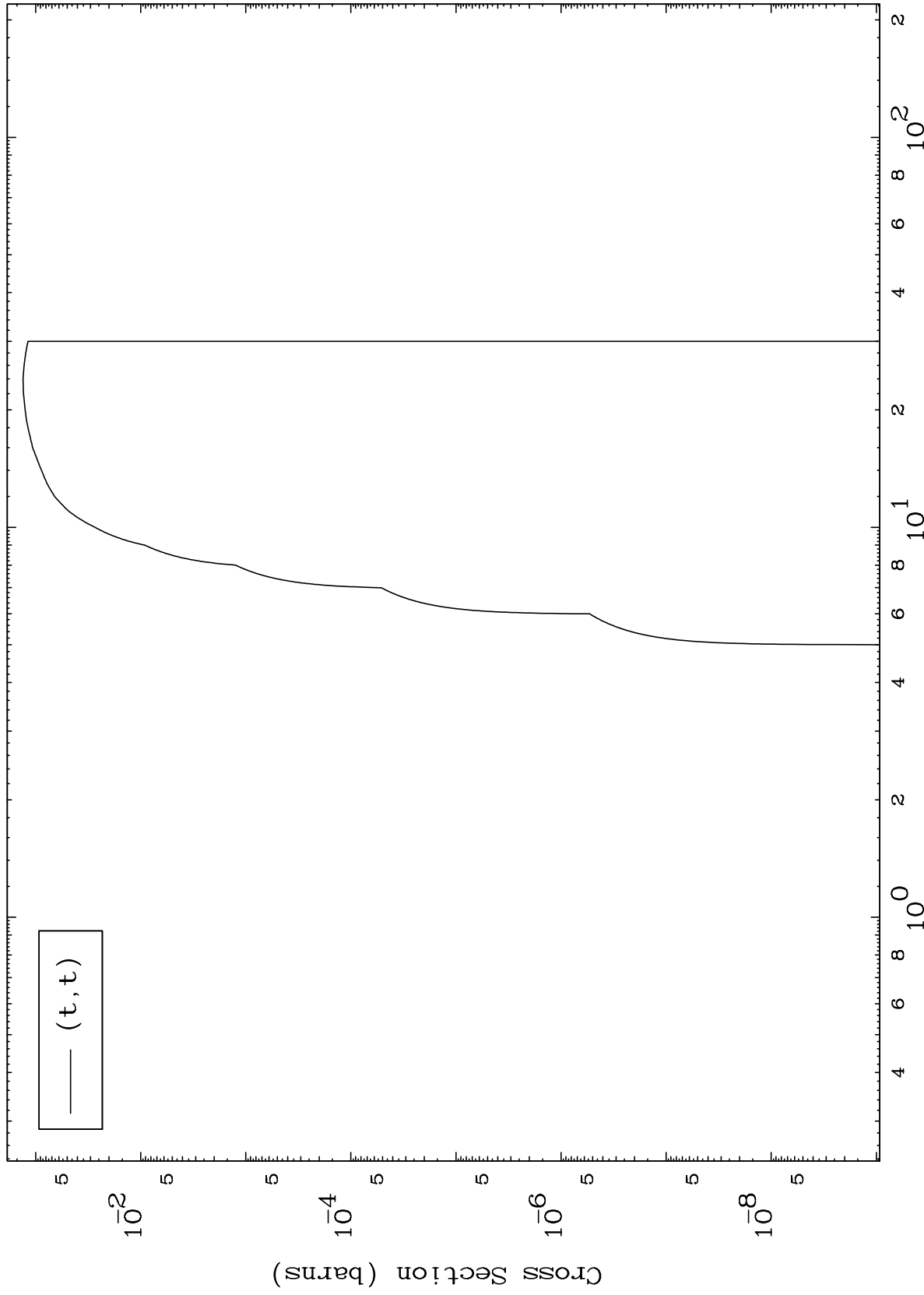
62-Sm-136



MAT 6201

(t,t) Levels
0 Kelvin Cross Sections

62-Sm-136



10

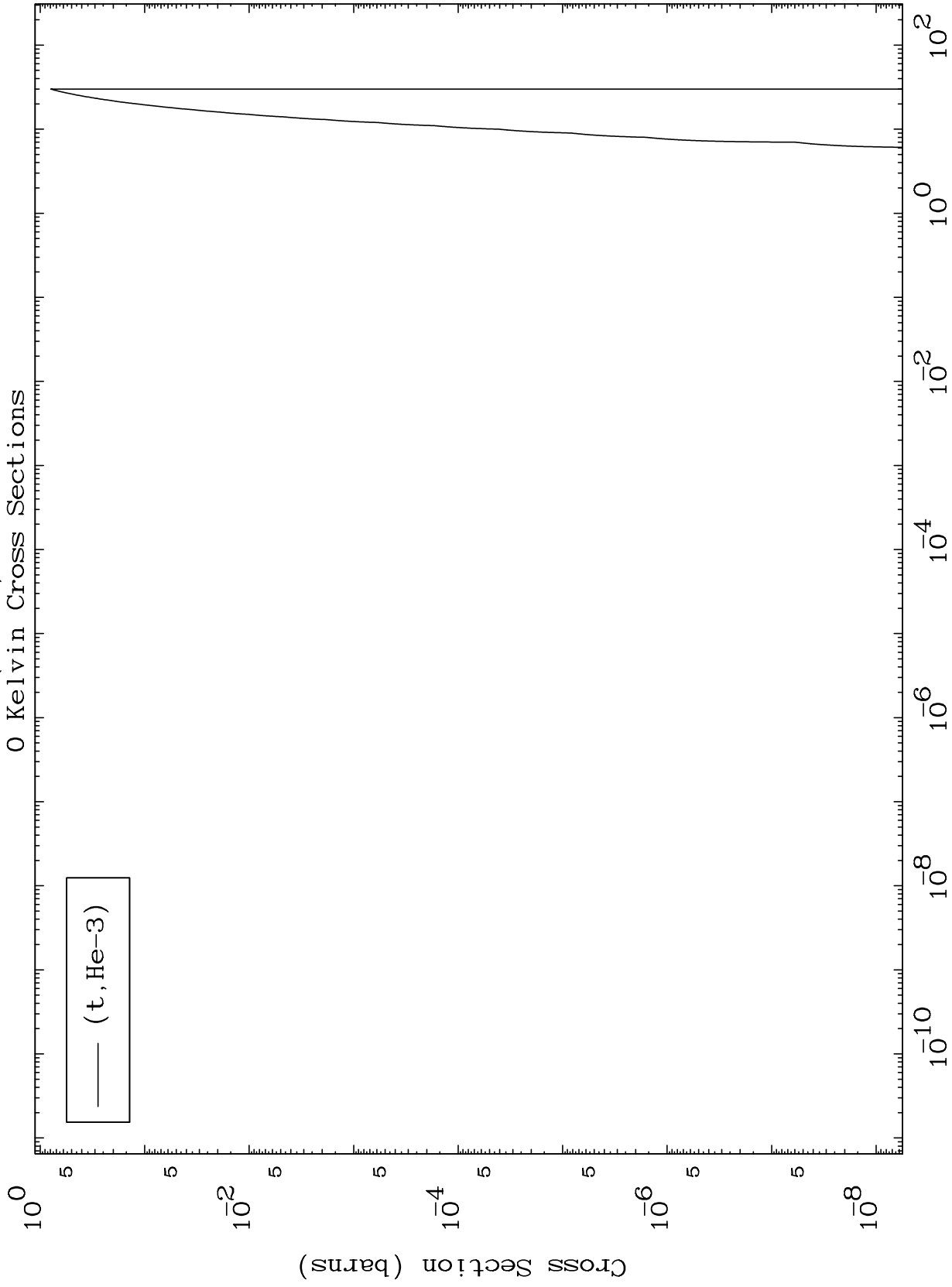
Incident Energy (MeV)

62-Sm-136

MAT 6201

(t,He3) Levels
0 Kelvin Cross Sections

62-Sm-136

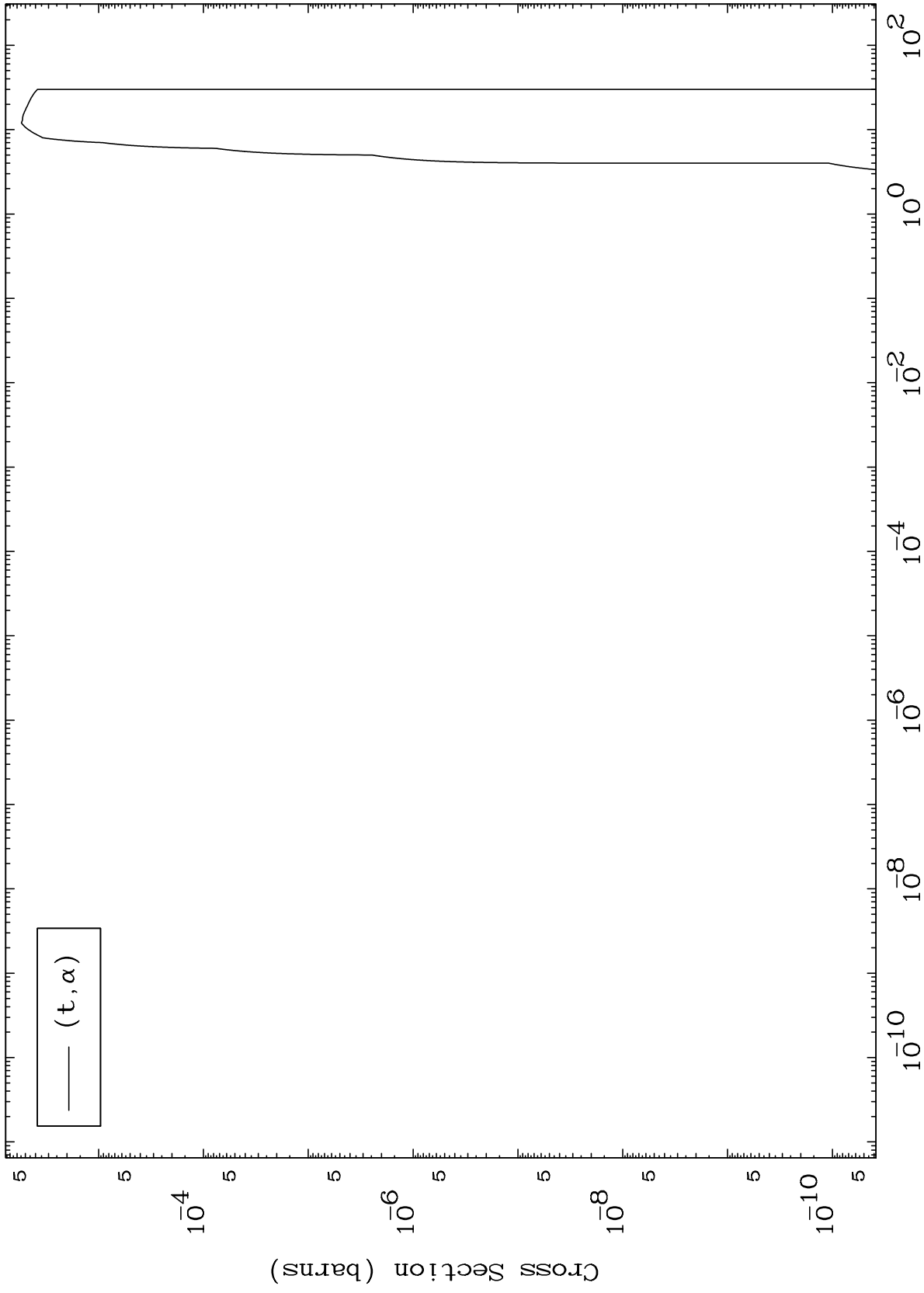


(t, He-3)

MAT 6201

(t,α) Levels
0 Kelvin Cross Sections

62-Sm-136



12

Incident Energy (MeV)

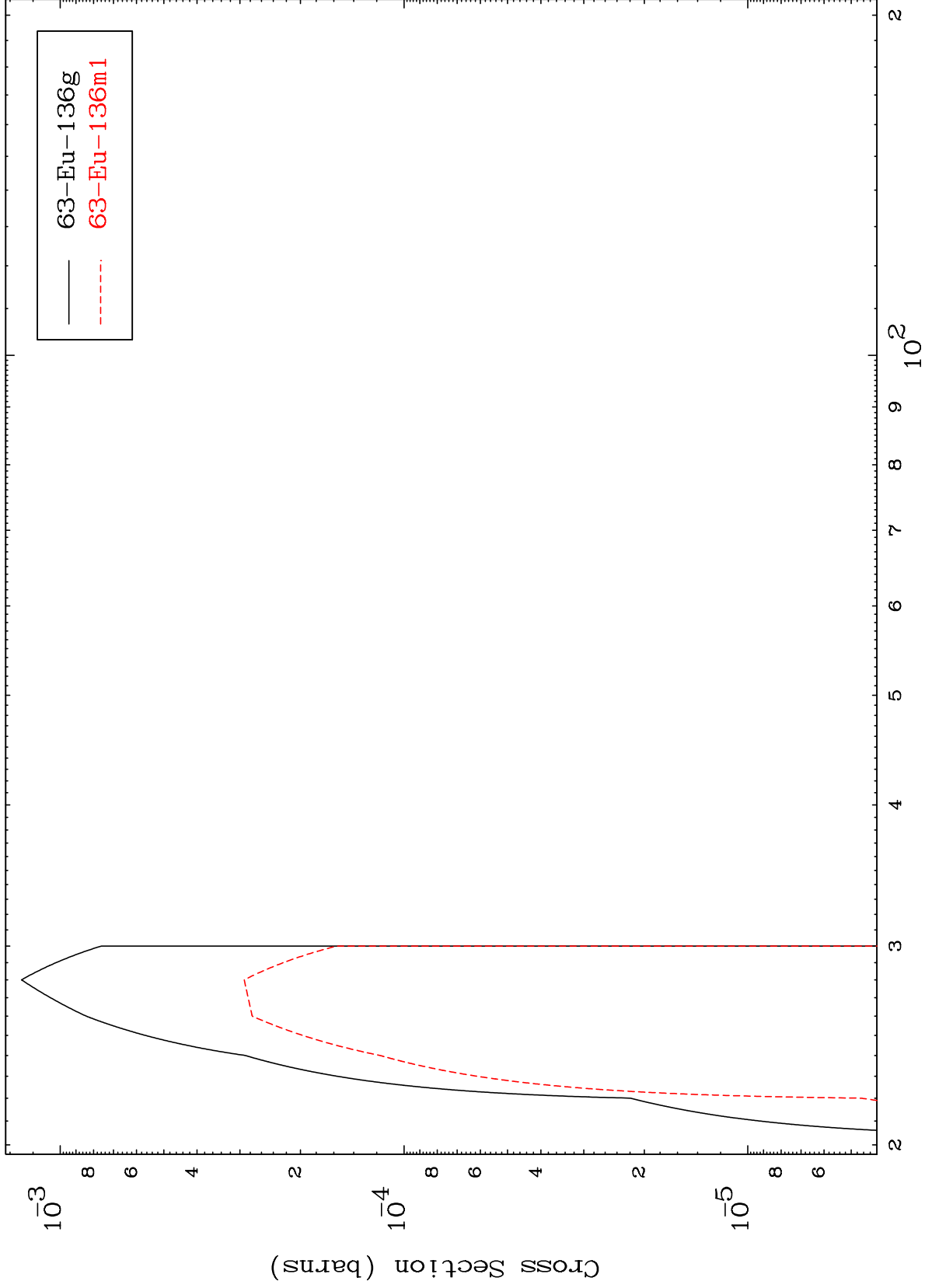
62-Sm-136

MAT 6201

(t,3n)

62-Sm-136

Radionuclide Production Cross Section



13

Incident Energy (MeV)

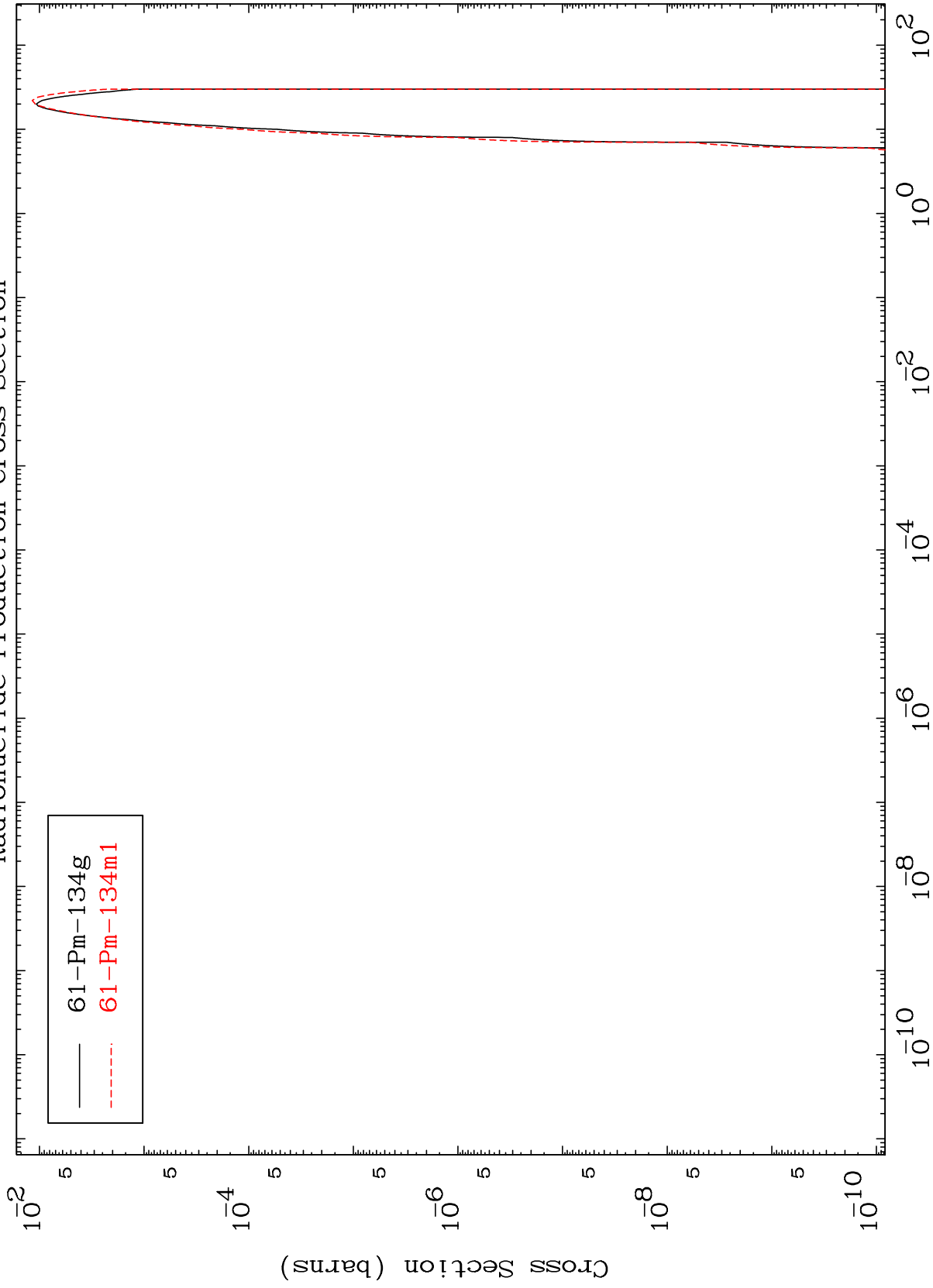
62-Sm-136

MAT 6201

(t,n') α

62-Sm-136

Radionuclide Production Cross Section

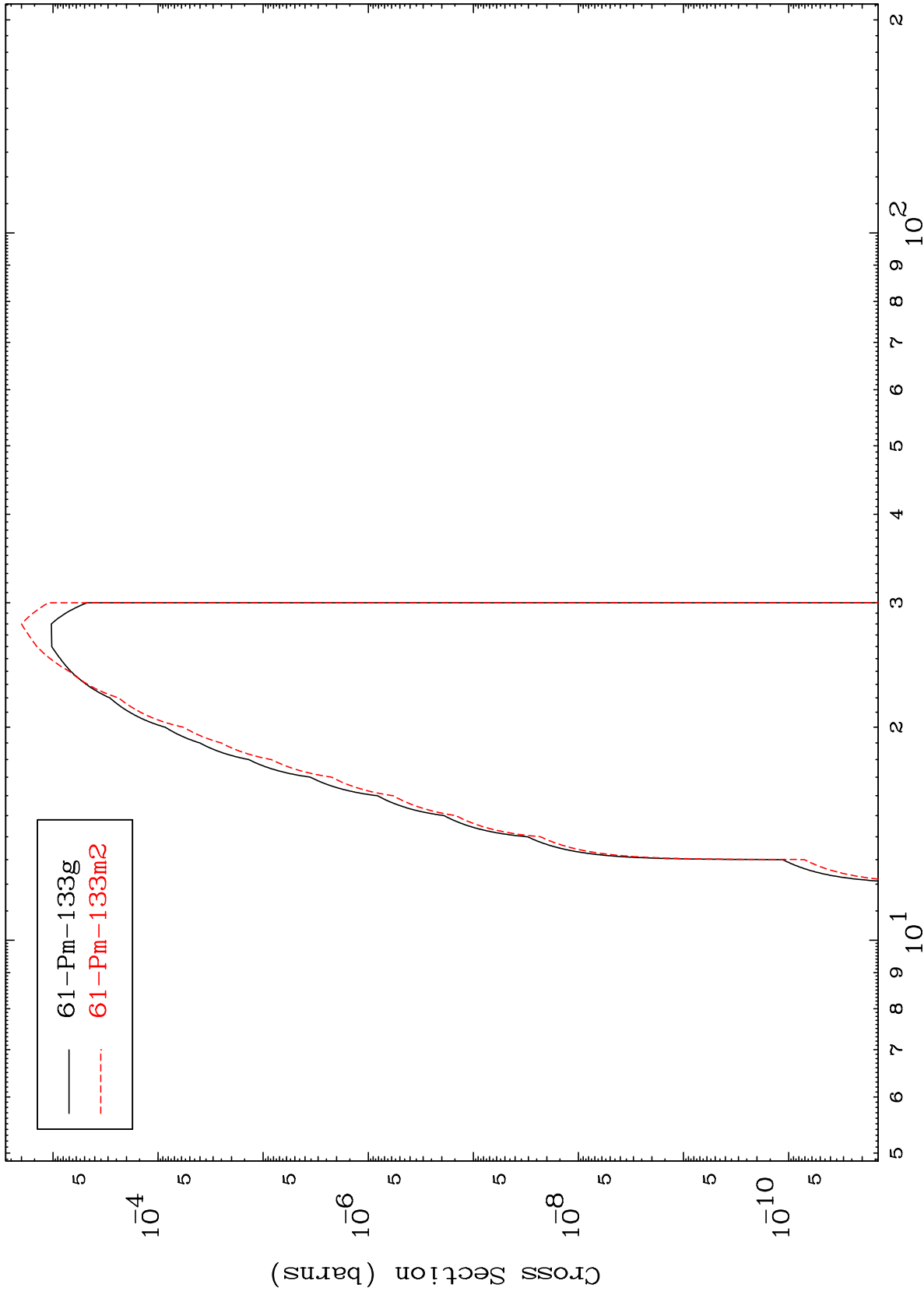


MAT 6201

$(t, 2n) \alpha$

$^{62}\text{Sm}-136$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

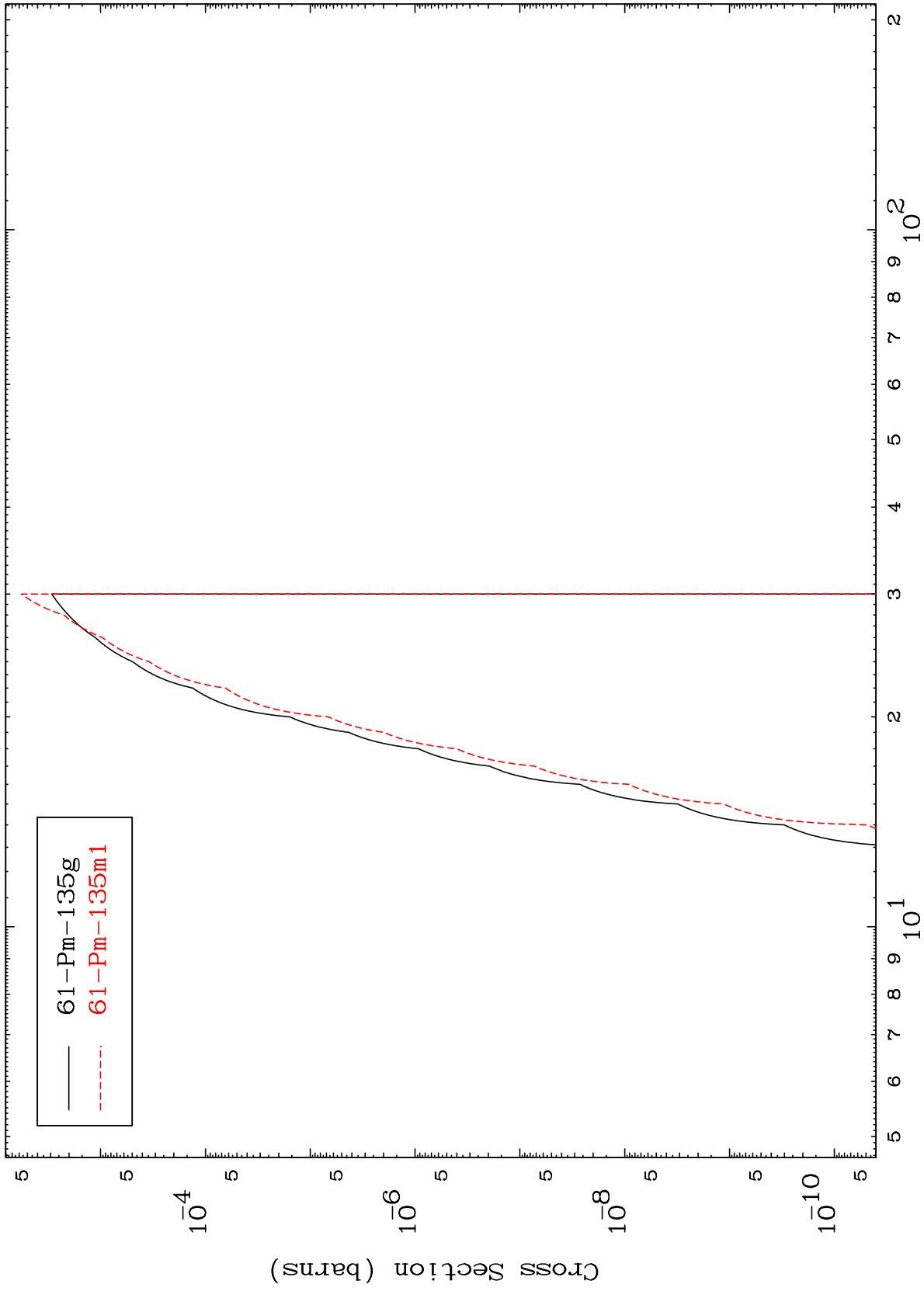
$^{62}\text{Sm}-136$

MAT 6201

(t, n') He-3

62-Sm-136

Radionuclide Production Cross Section



16

Incident Energy (MeV)

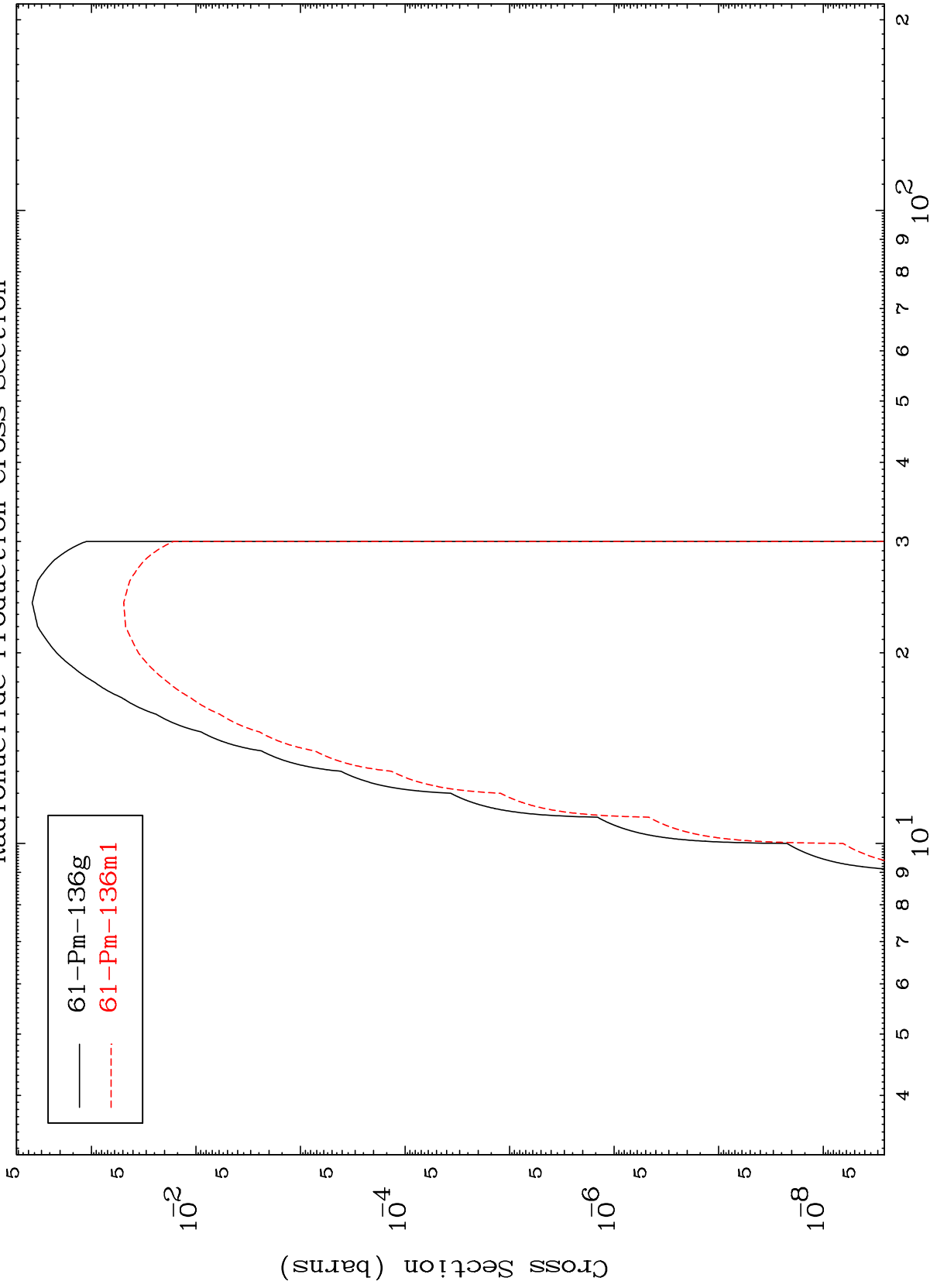
62-Sm-136

MAT 6201

(t,2n) p

62-Sm-136

Radionuclide Production Cross Section



17

Incident Energy (MeV)

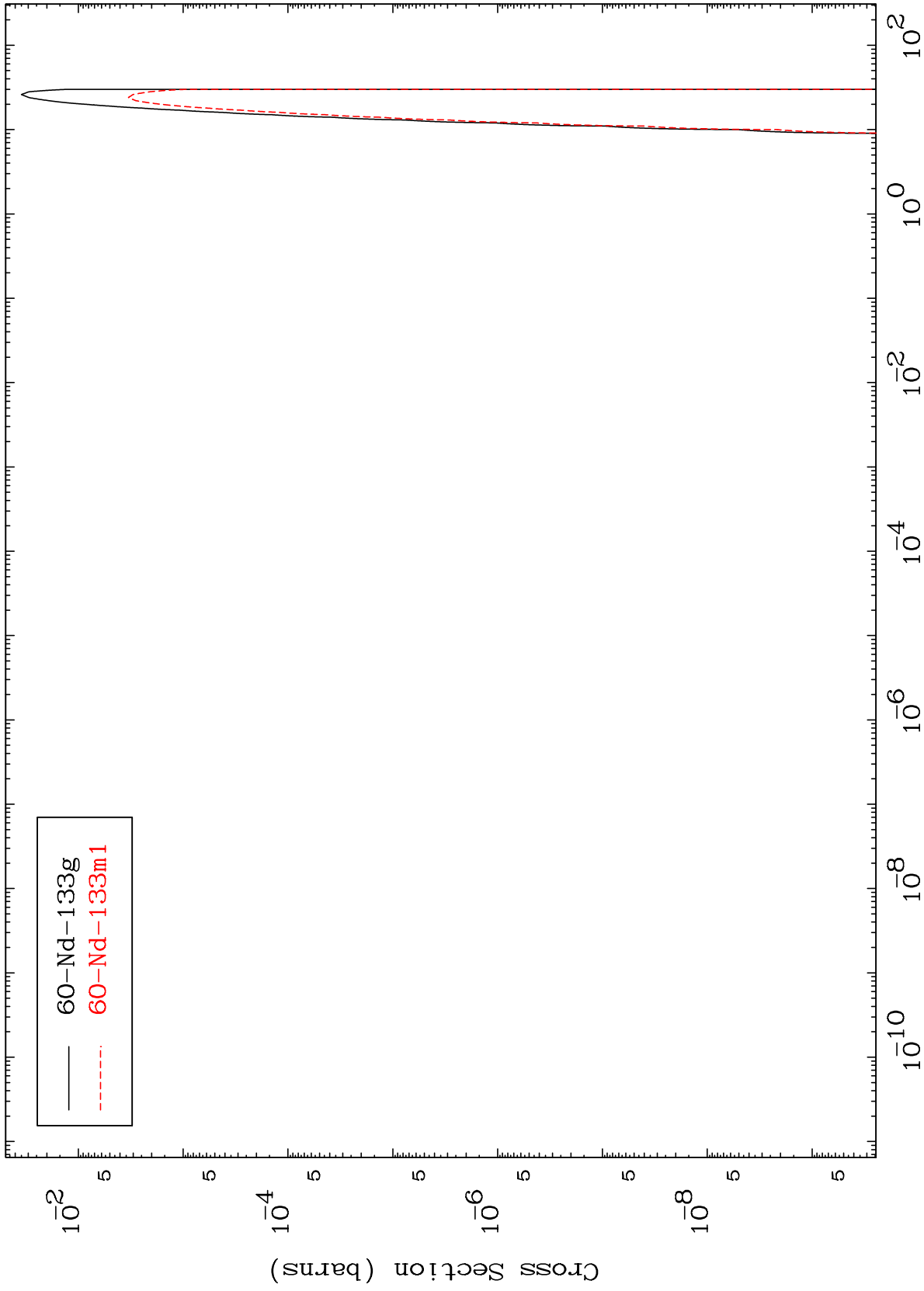
62-Sm-136

MAT 6201

(t,n') p α

62-Sm-136

Radionuclide Production Cross Section



18

Incident Energy (MeV)

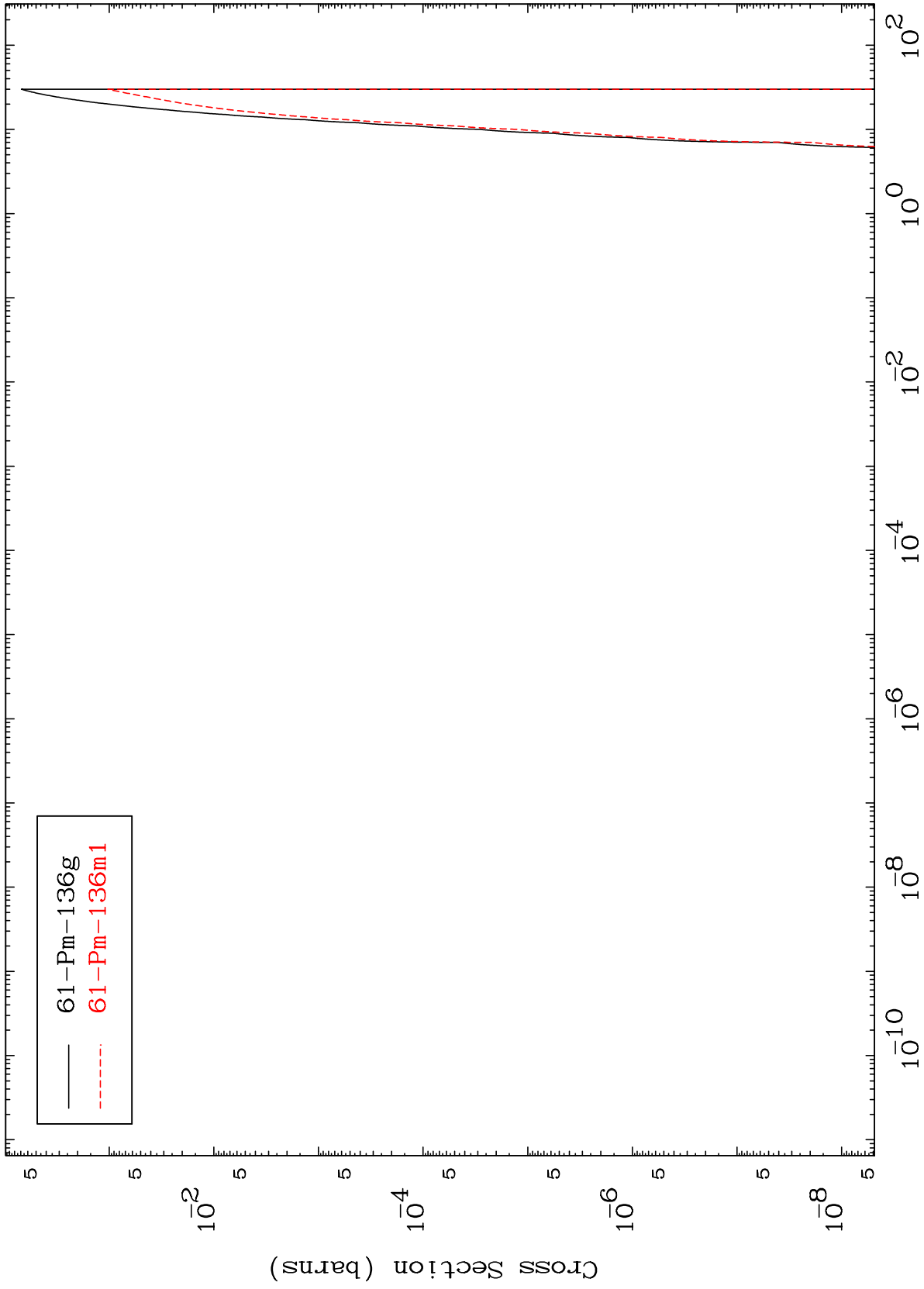
62-Sm-136

MAT 6201

(t, He-3)

62-Sm-136

Radionuclide Production Cross Section



19

Incident Energy (MeV)

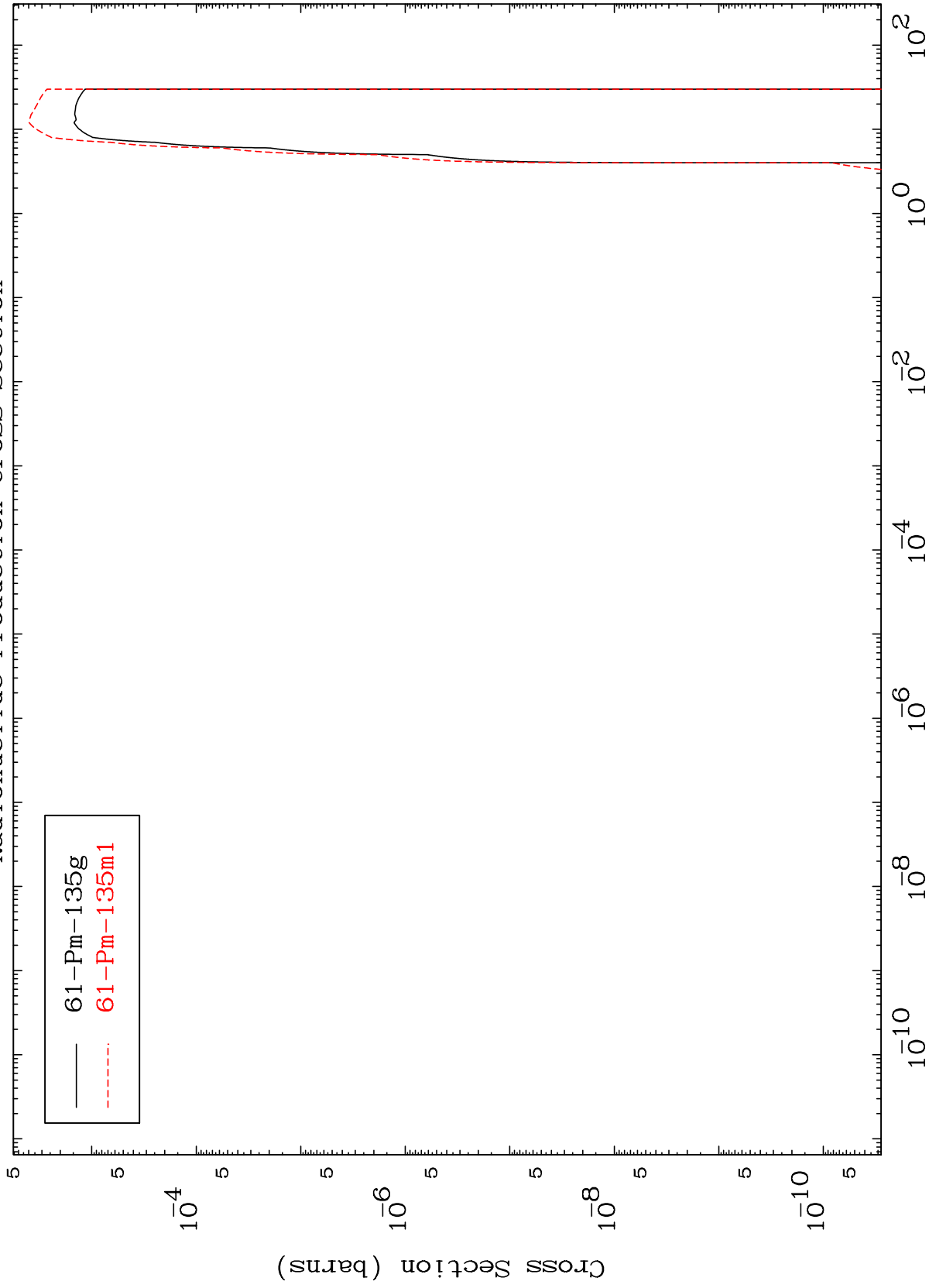
62-Sm-136

MAT 6201

(t, α)

62-Sm-136

Radionuclide Production Cross Section



20

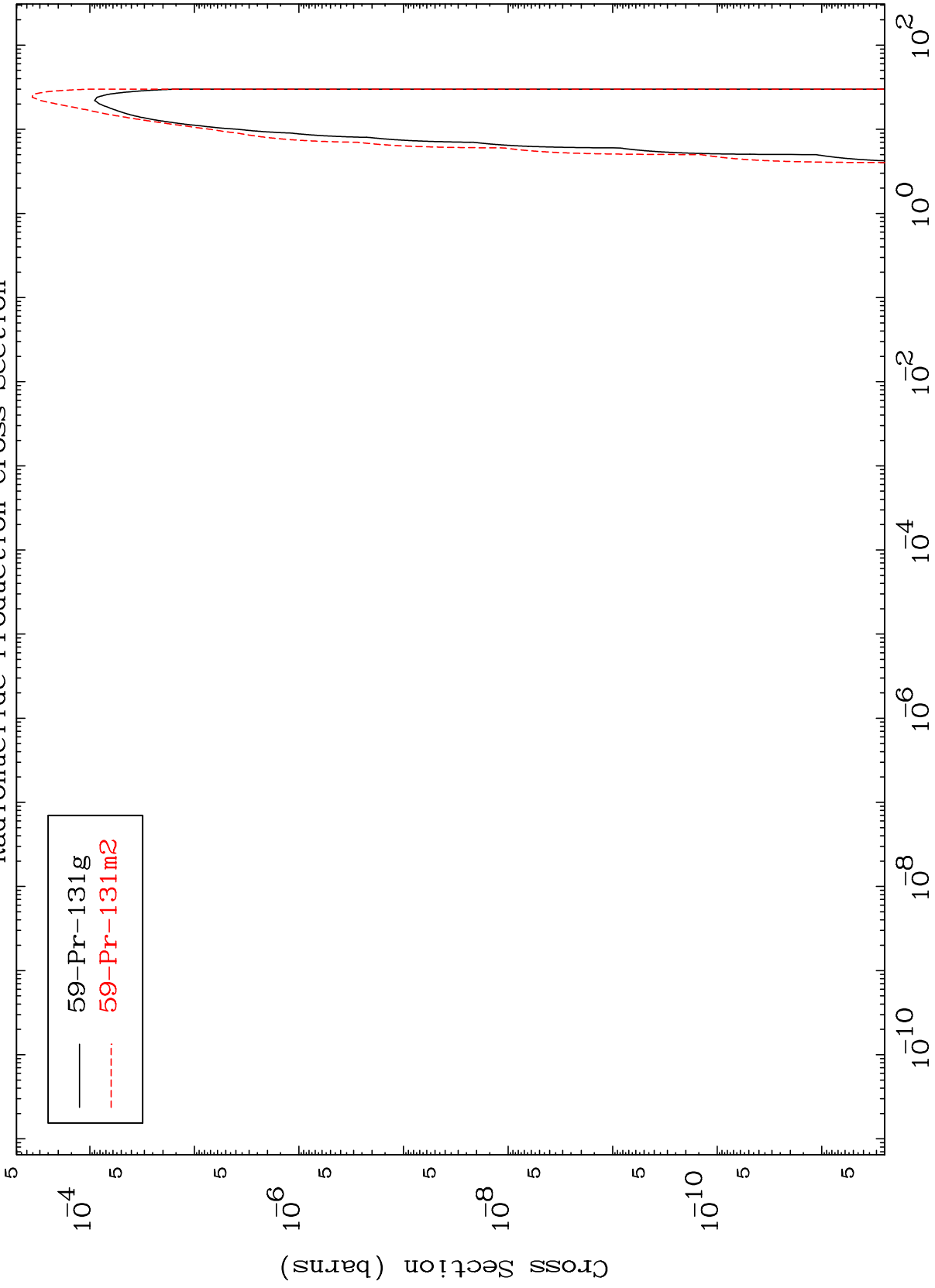
Incident Energy (MeV)

62-Sm-136

MAT 6201

Radionuclide Production Cross Section
(t,2α)

62-Sm-136



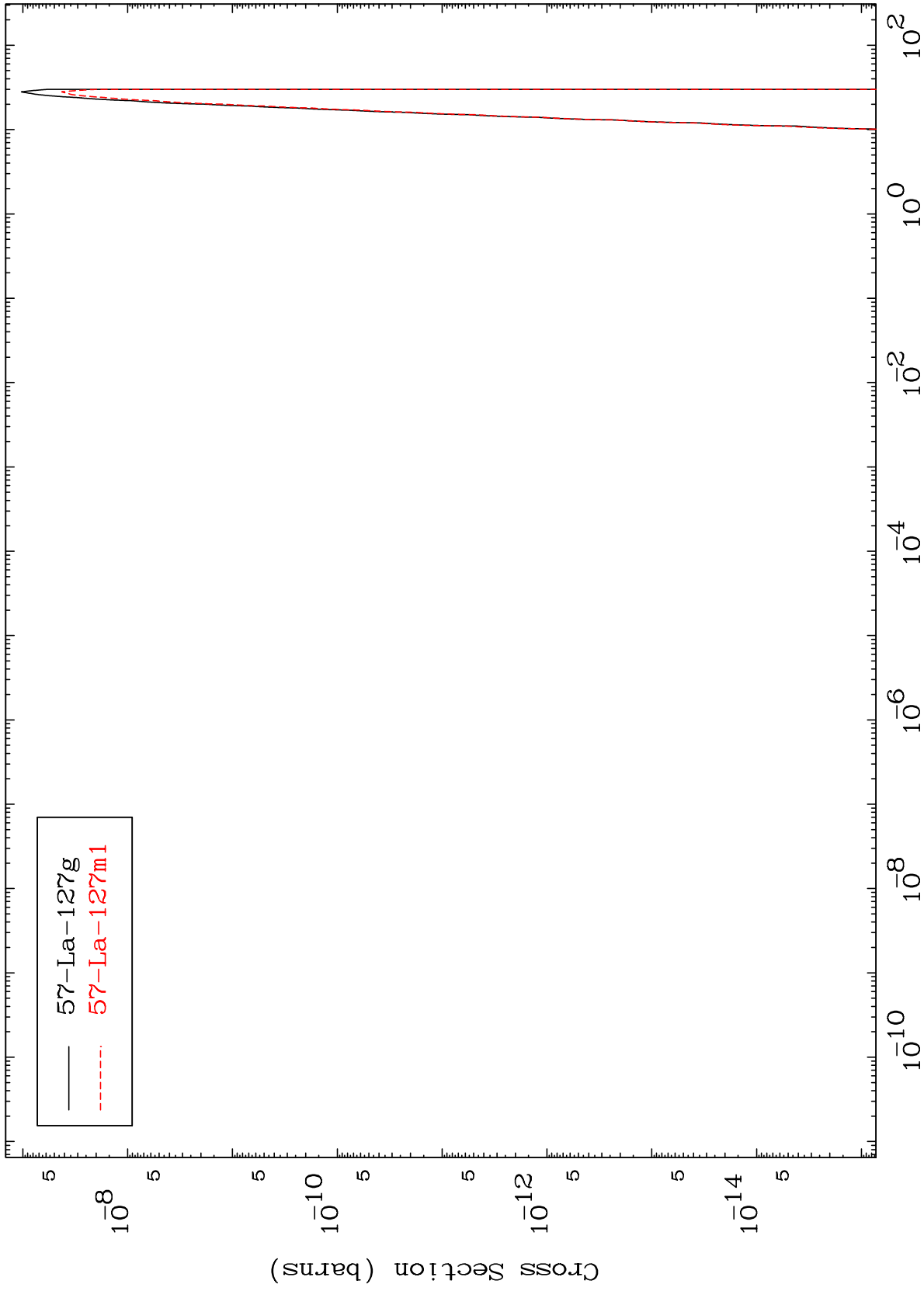
62-Sm-136

MAT 6201

(t,3 α)

62-Sm-136

Radionuclide Production Cross Section



22

Incident Energy (MeV)

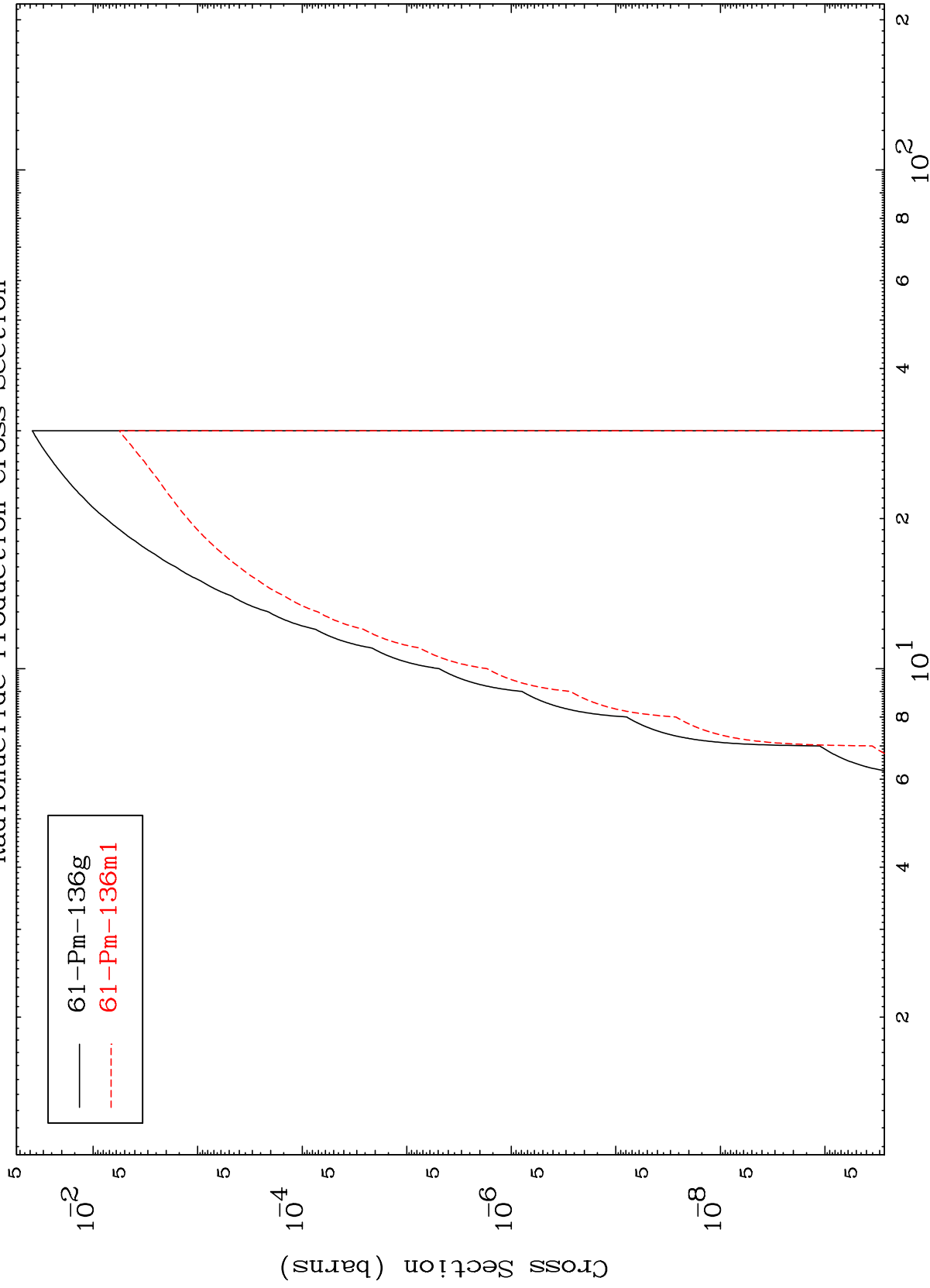
62-Sm-136

MAT 6201

(t,p) d

62-Sm-136

Radionuclide Production Cross Section



23

Incident Energy (MeV)

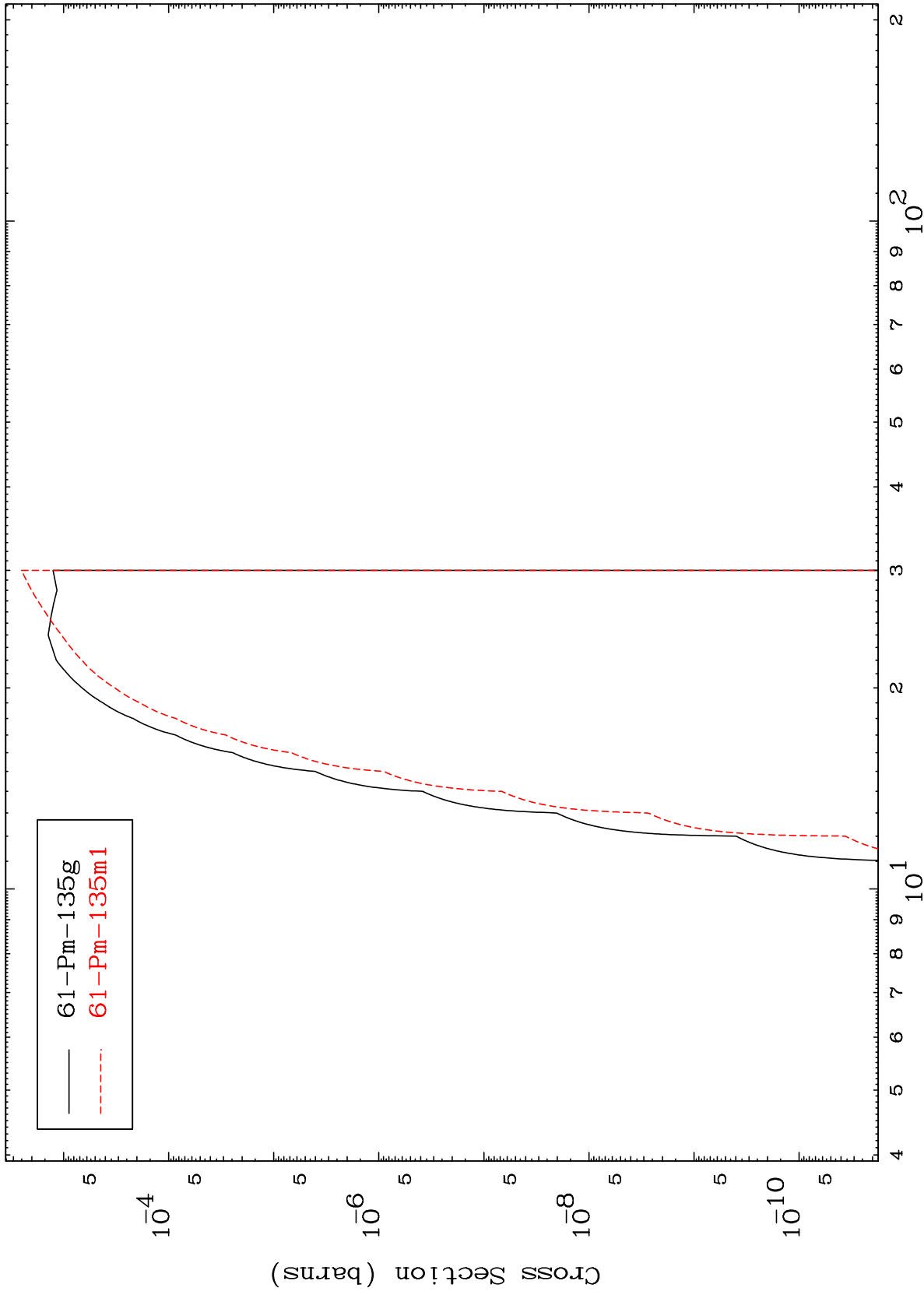
62-Sm-136

MAT 6201

(t,p) t

62-Sm-136

Radionuclide Production Cross Section



24

Incident Energy (MeV)

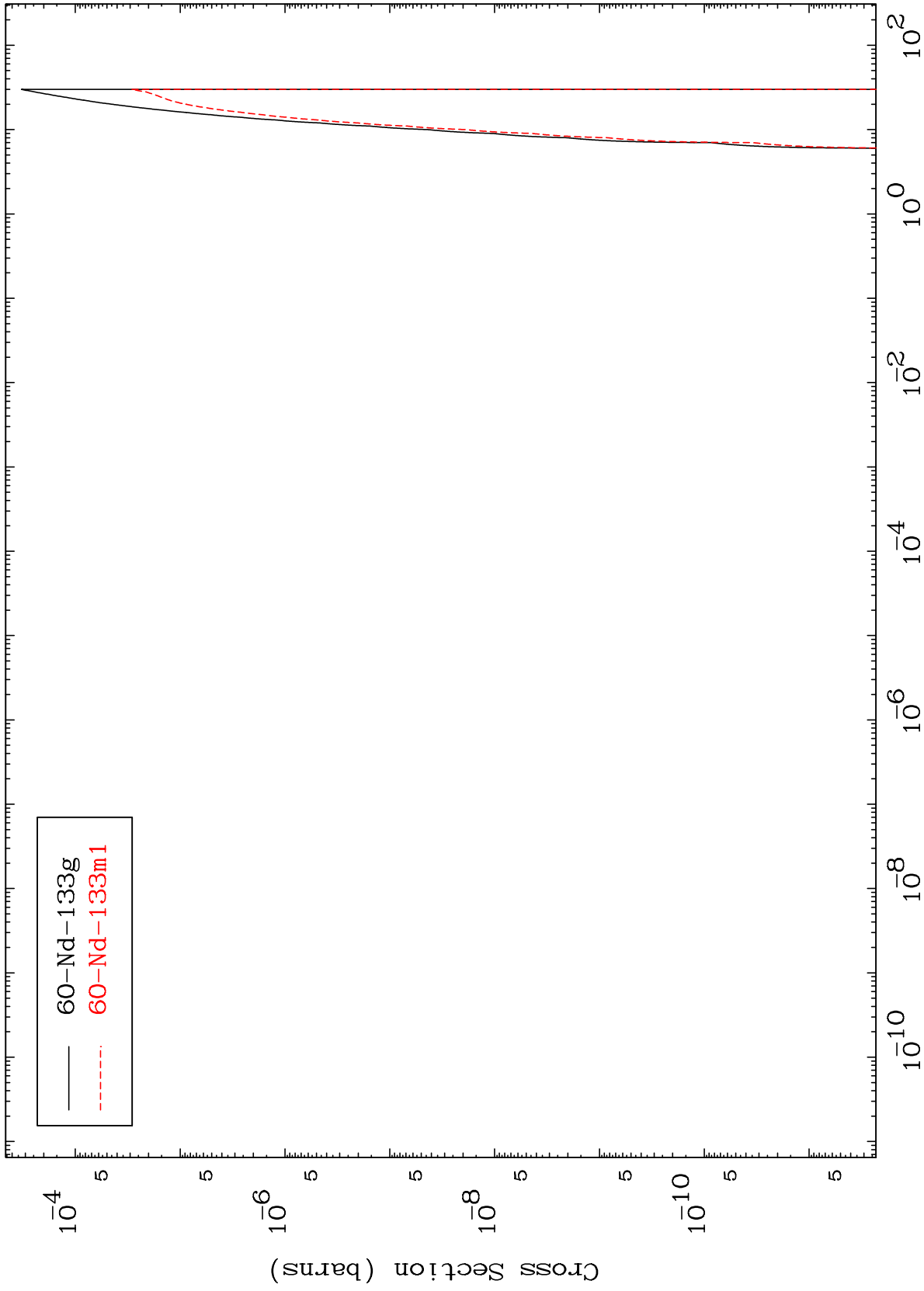
62-Sm-136

MAT 6201

(t,d) α

$^{62}\text{Sm-136}$

Radionuclide Production Cross Section



25

Incident Energy (MeV)

$^{62}\text{Sm-136}$