

Program EVALPLOT
(Version 2021-1)

by

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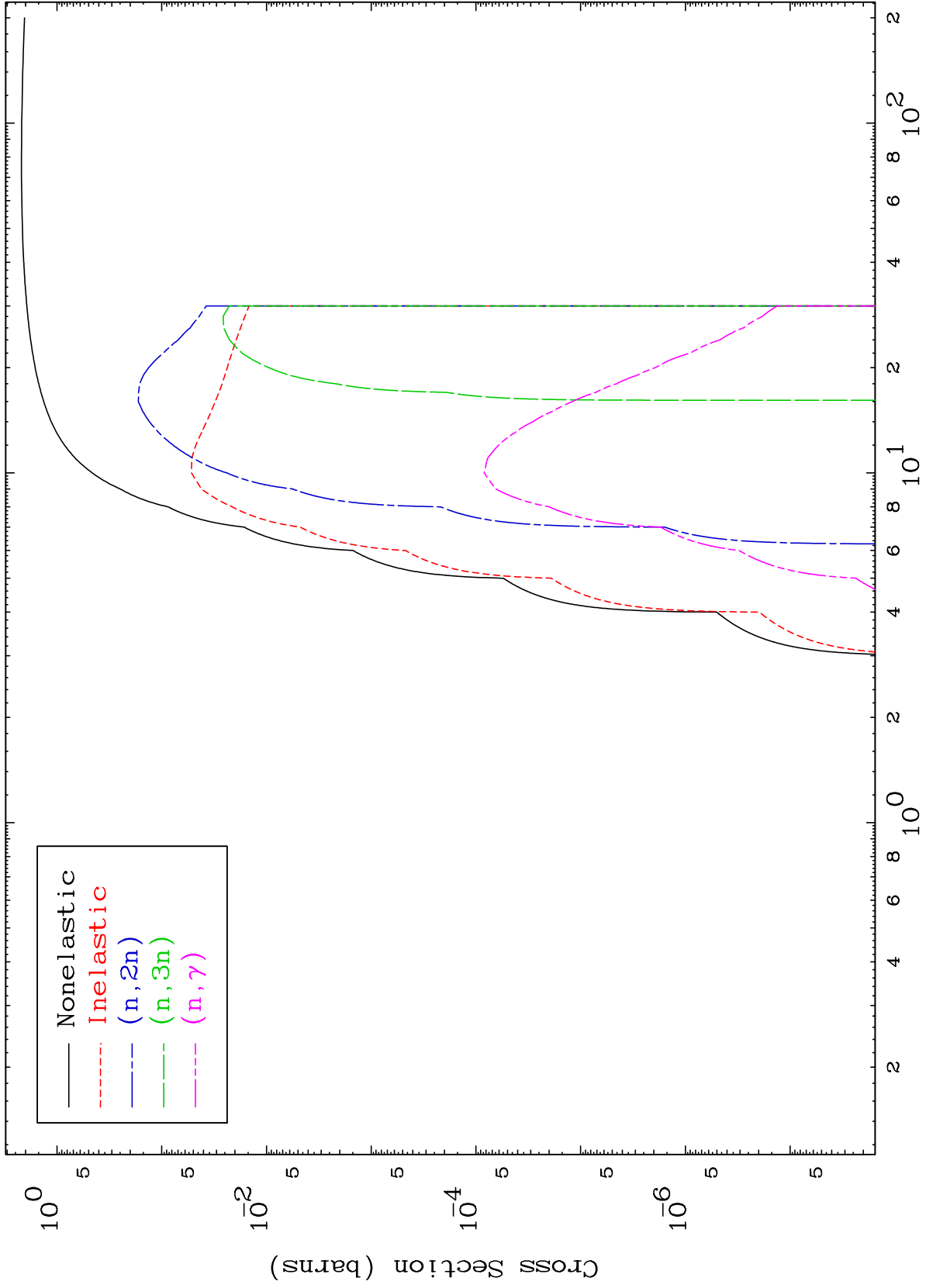
Press Mouse Button to Start

MAT 6211

Triton Major

62-Sm-139m

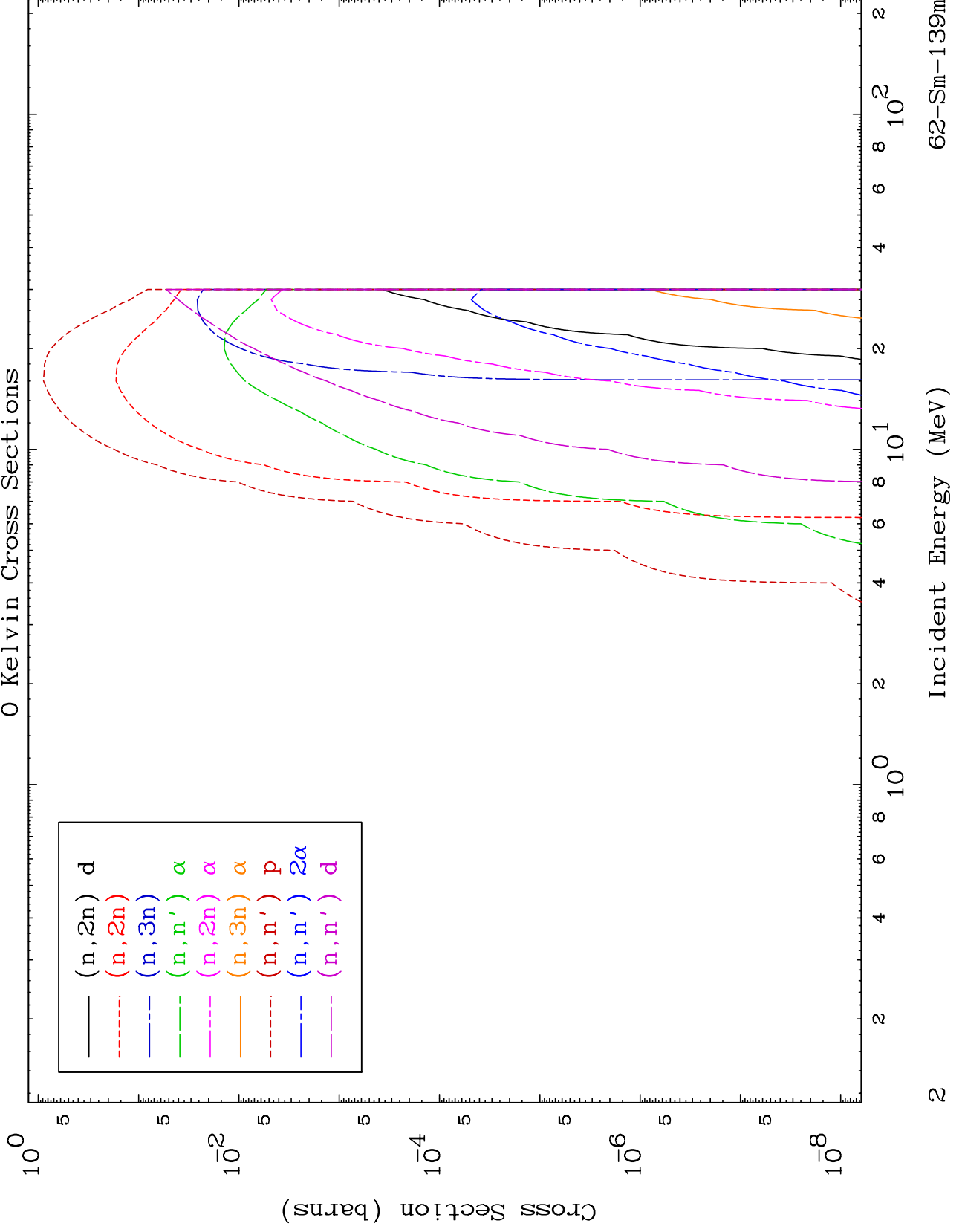
0 Kelvin Cross Sections



MAT 6211

Triton Neutron Absorption
0 Kelvin Cross Sections

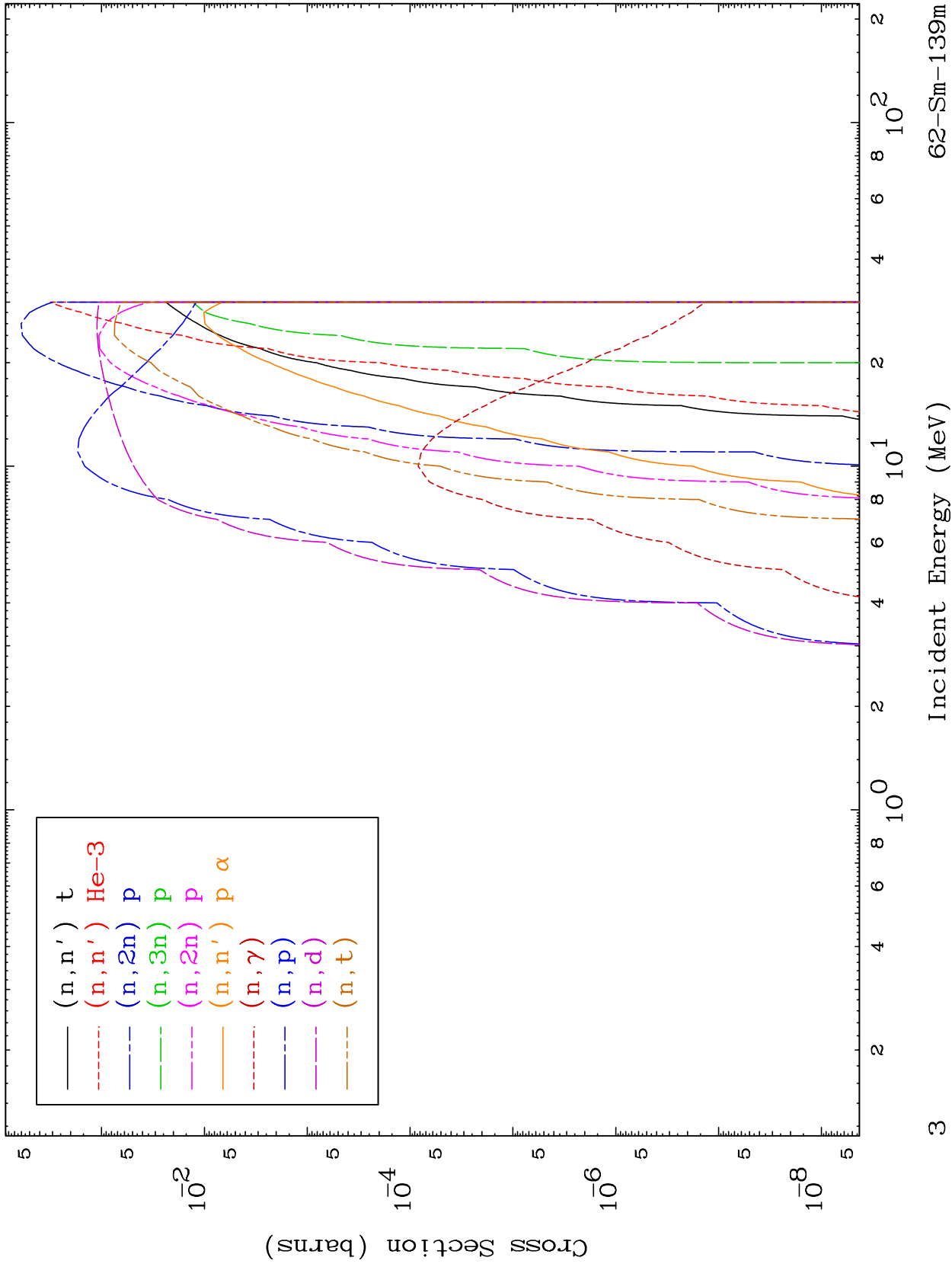
62-Sm-139m

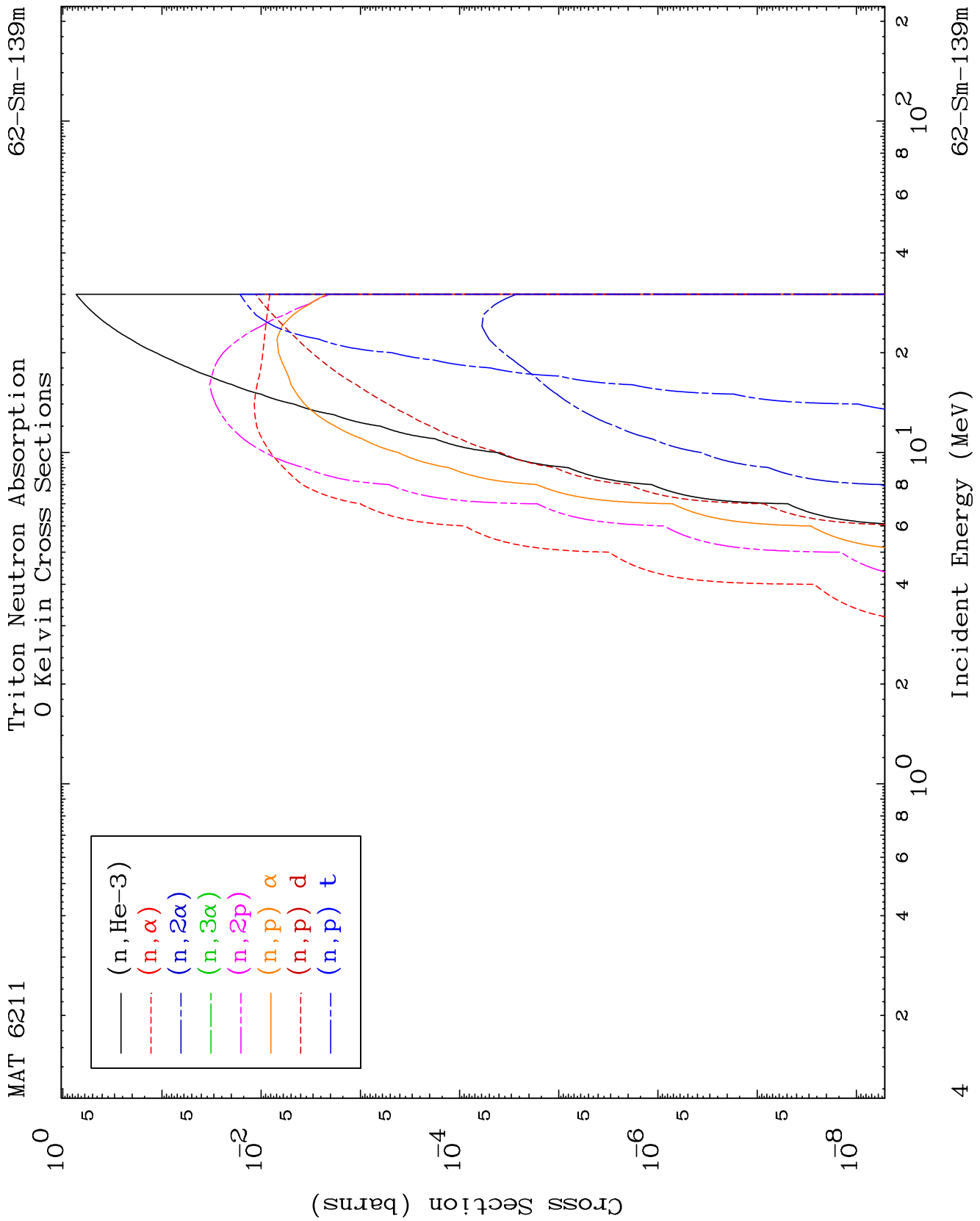


MAT 6211

Triton Neutron Absorption
0 Kelvin Cross Sections

62-Sm-139m



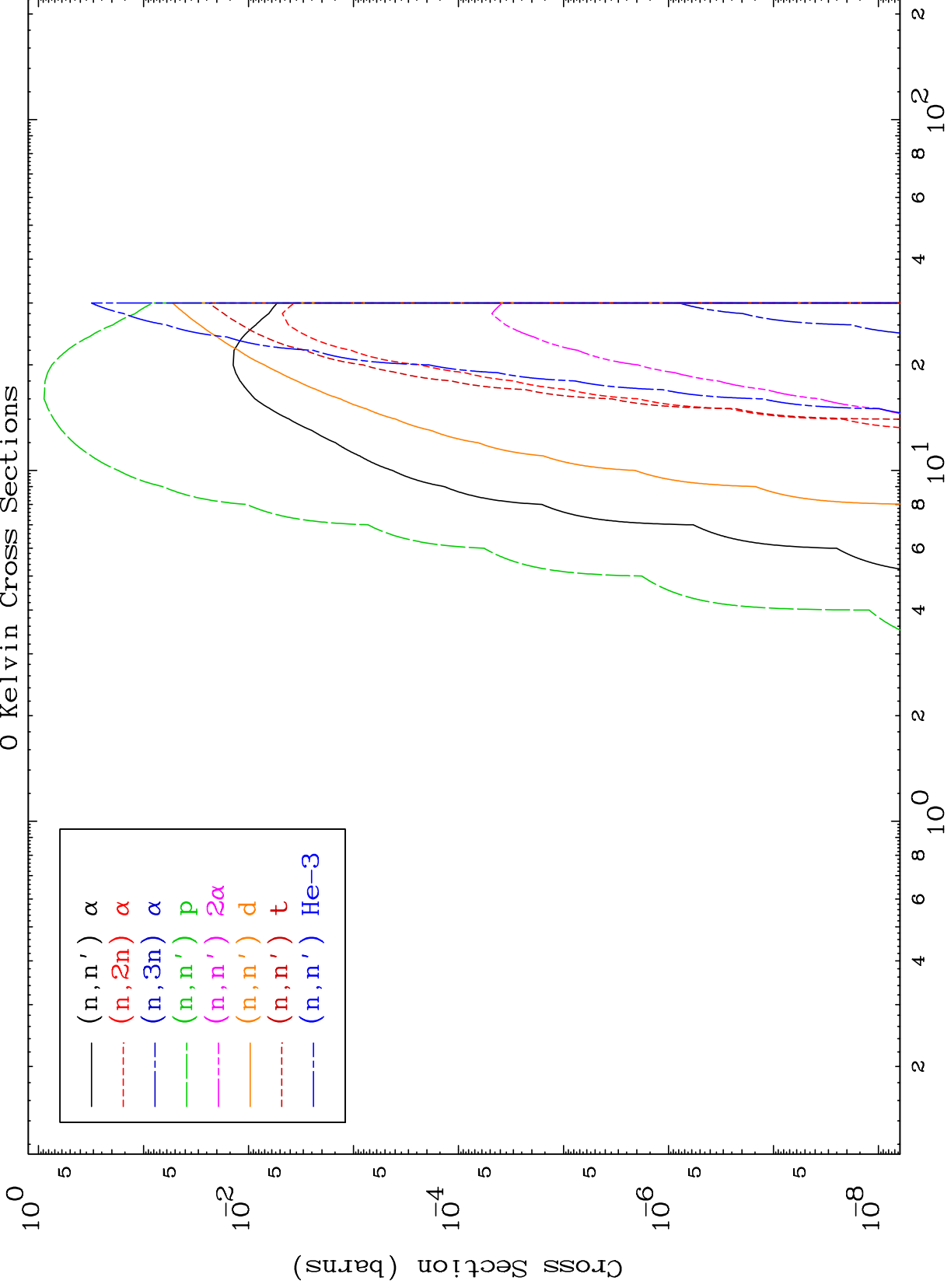


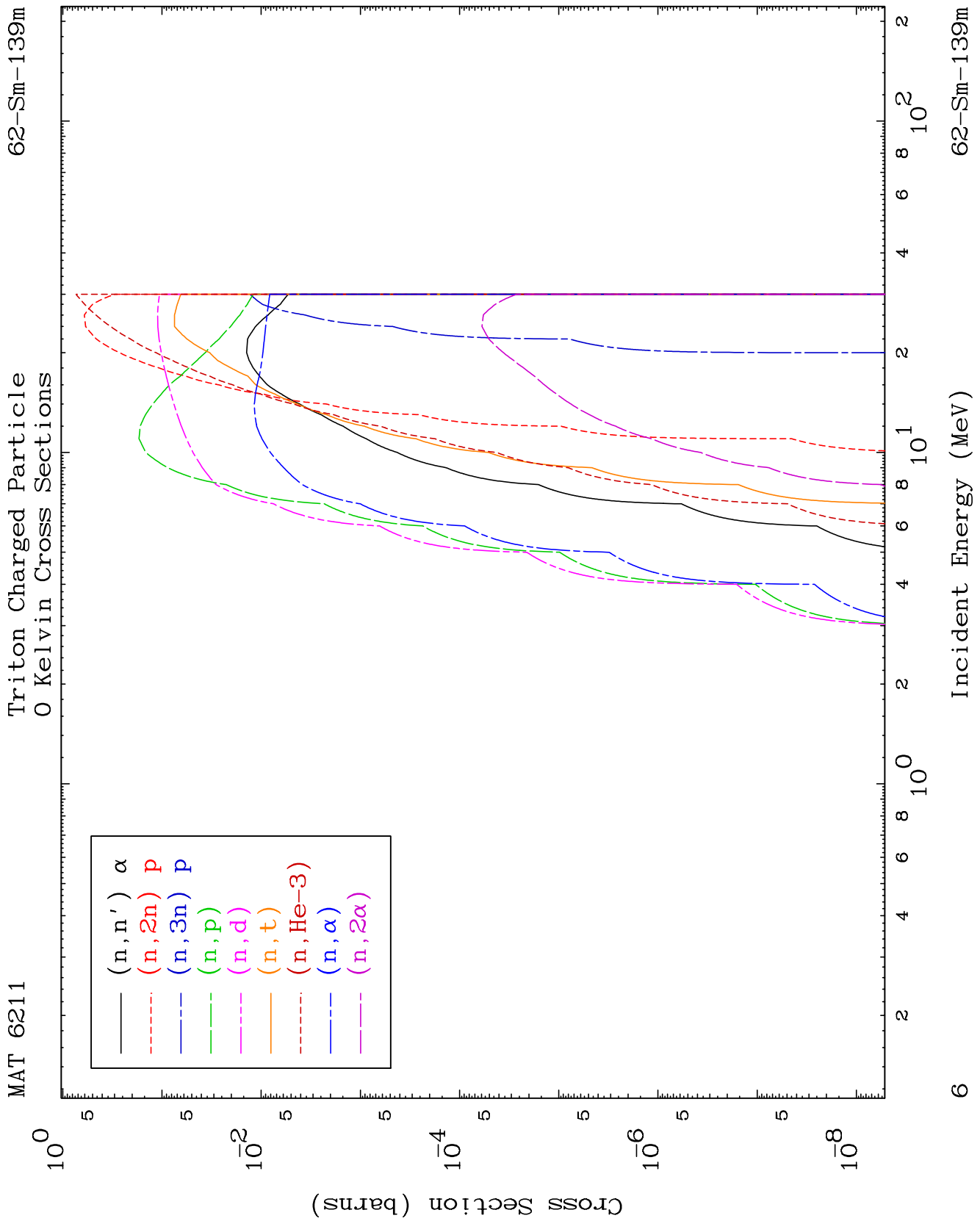
- (n, He-3)
- (n, α)
- (n, 2 α)
- (n, 3 α)
- (n, 2p)
- (n, p) α
- (n, p) d
- (n, p) t

MAT 6211

Triton Charged Particle
0 Kelvin Cross Sections

62-Sm-139m

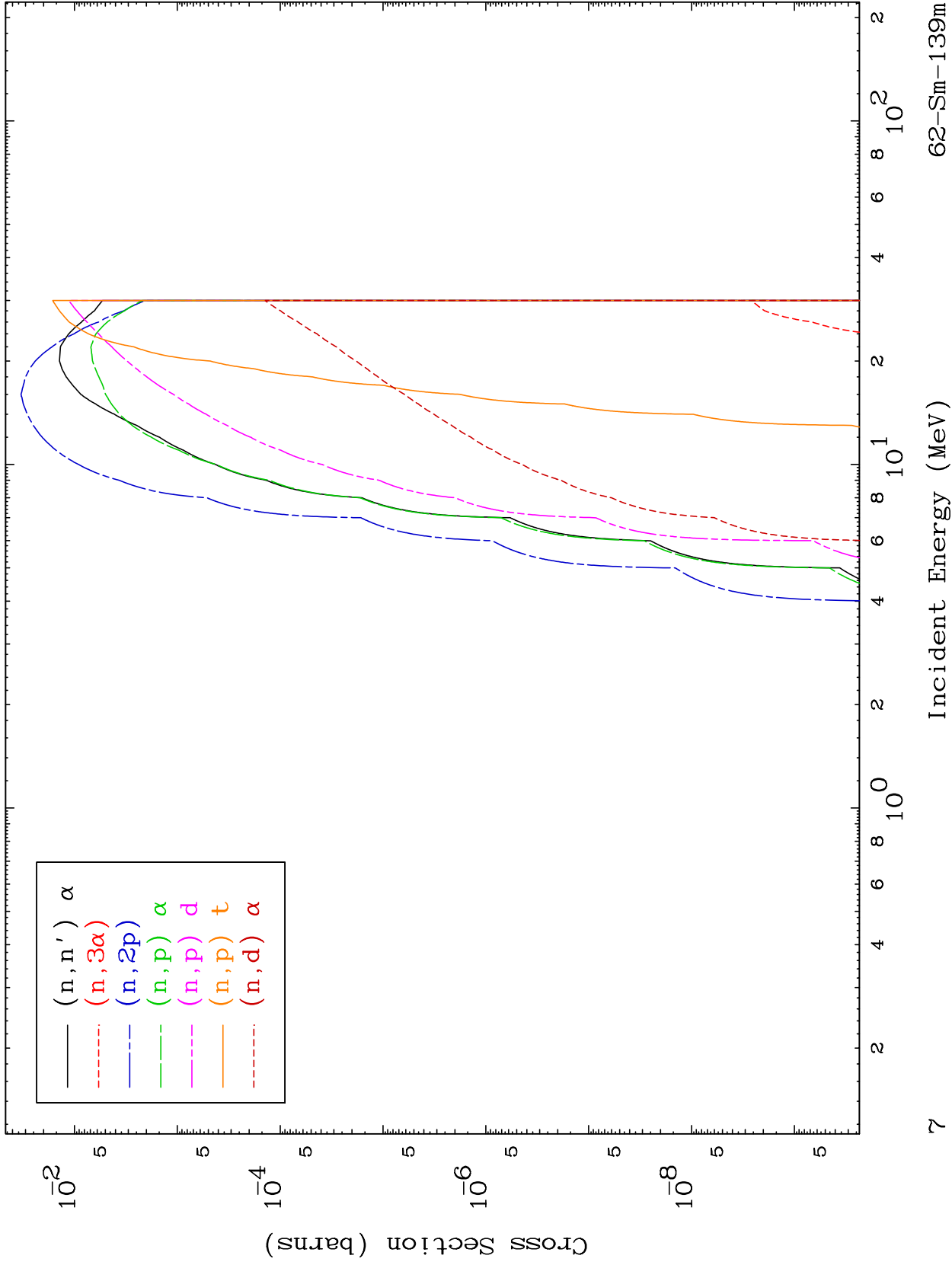




MAT 6211

Triton Charged Particle
0 Kelvin Cross Sections

62-Sm-139m

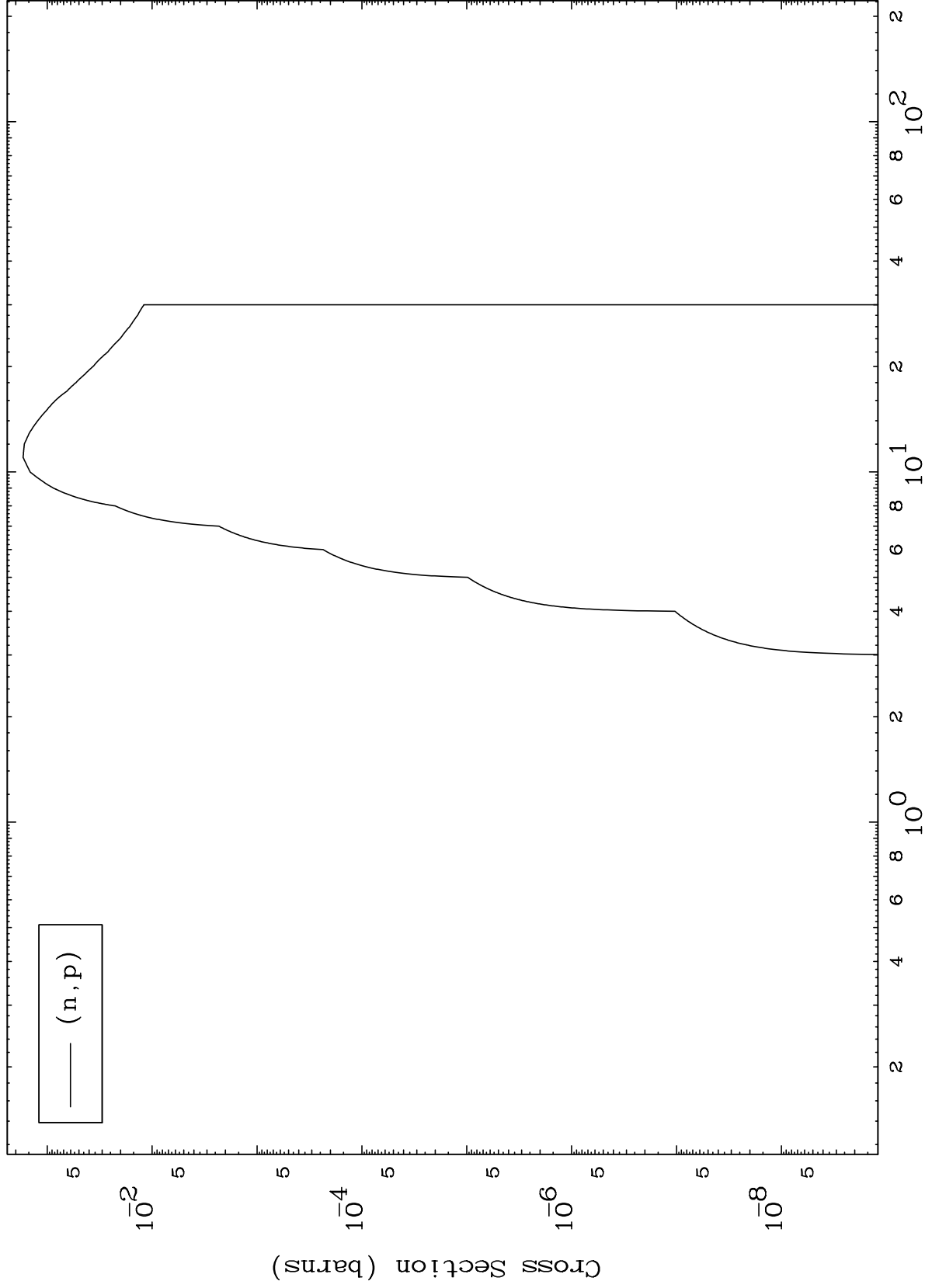


MAT 6211

(t,p) Levels

62-Sm-139m

0 Kelvin Cross Sections

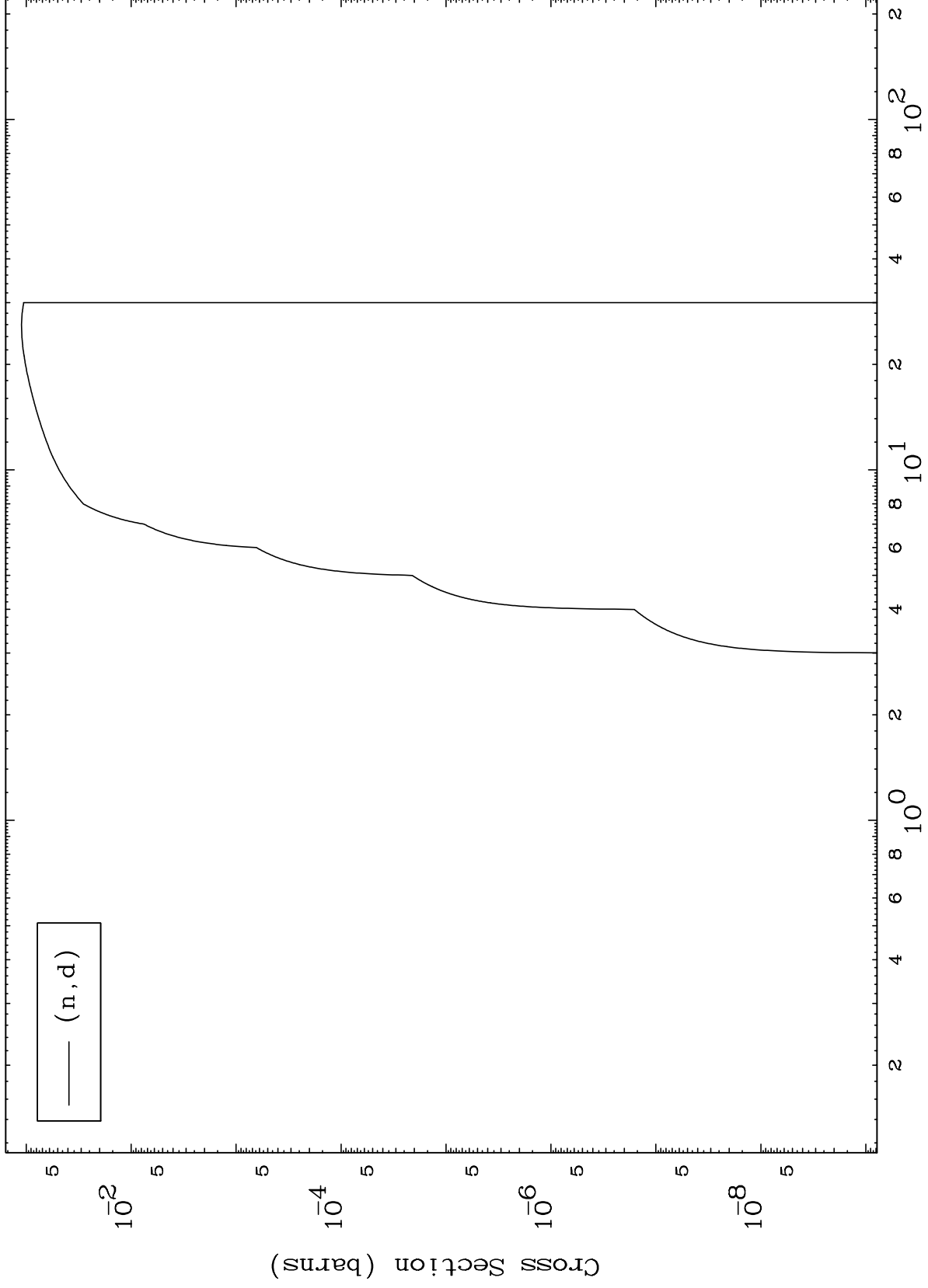


MAT 6211

(t, d) Levels

62-Sm-139m

0 Kelvin Cross Sections

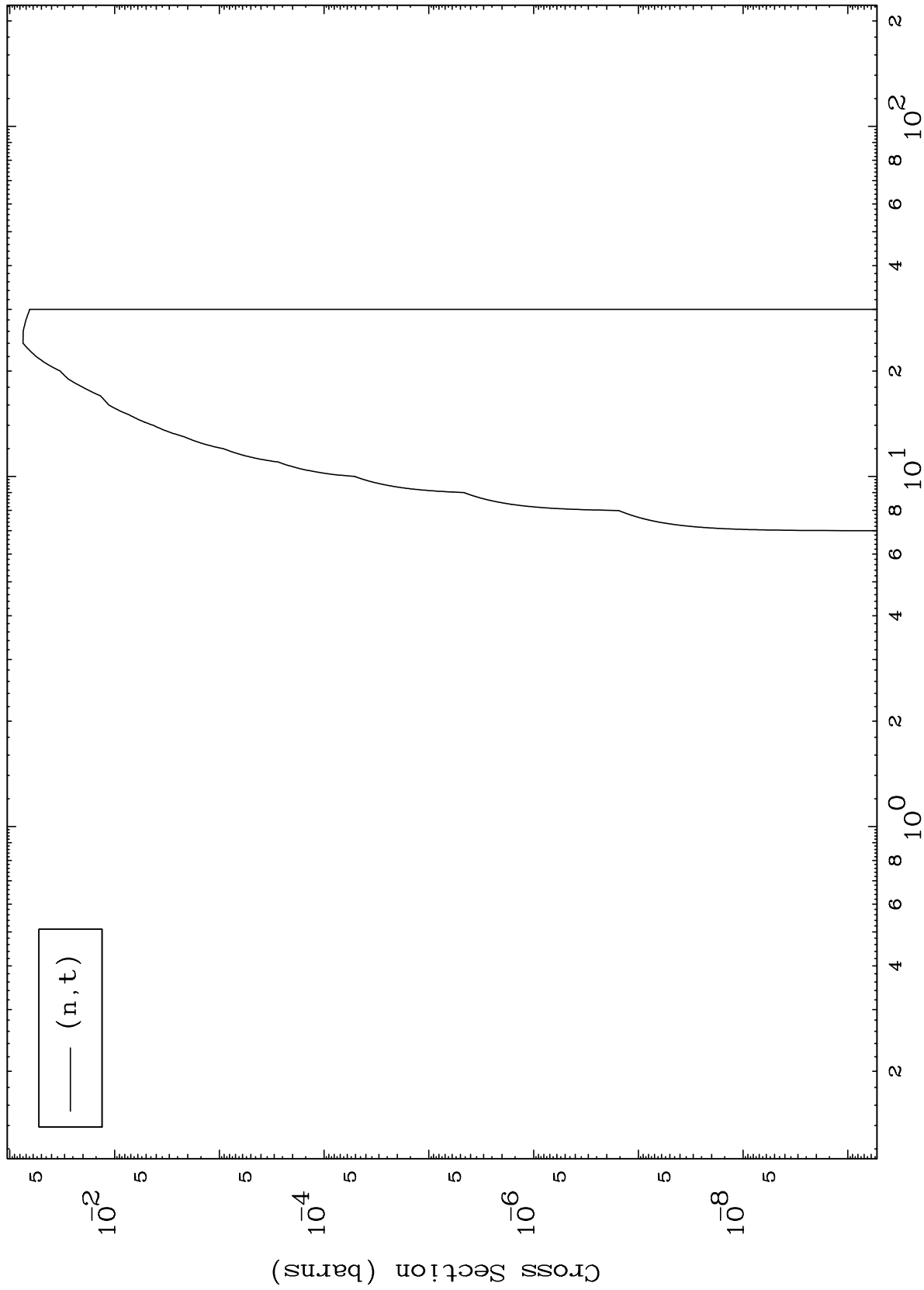


MAT 6211

(t, t) Levels

62-Sm-139m

0 Kelvin Cross Sections



10

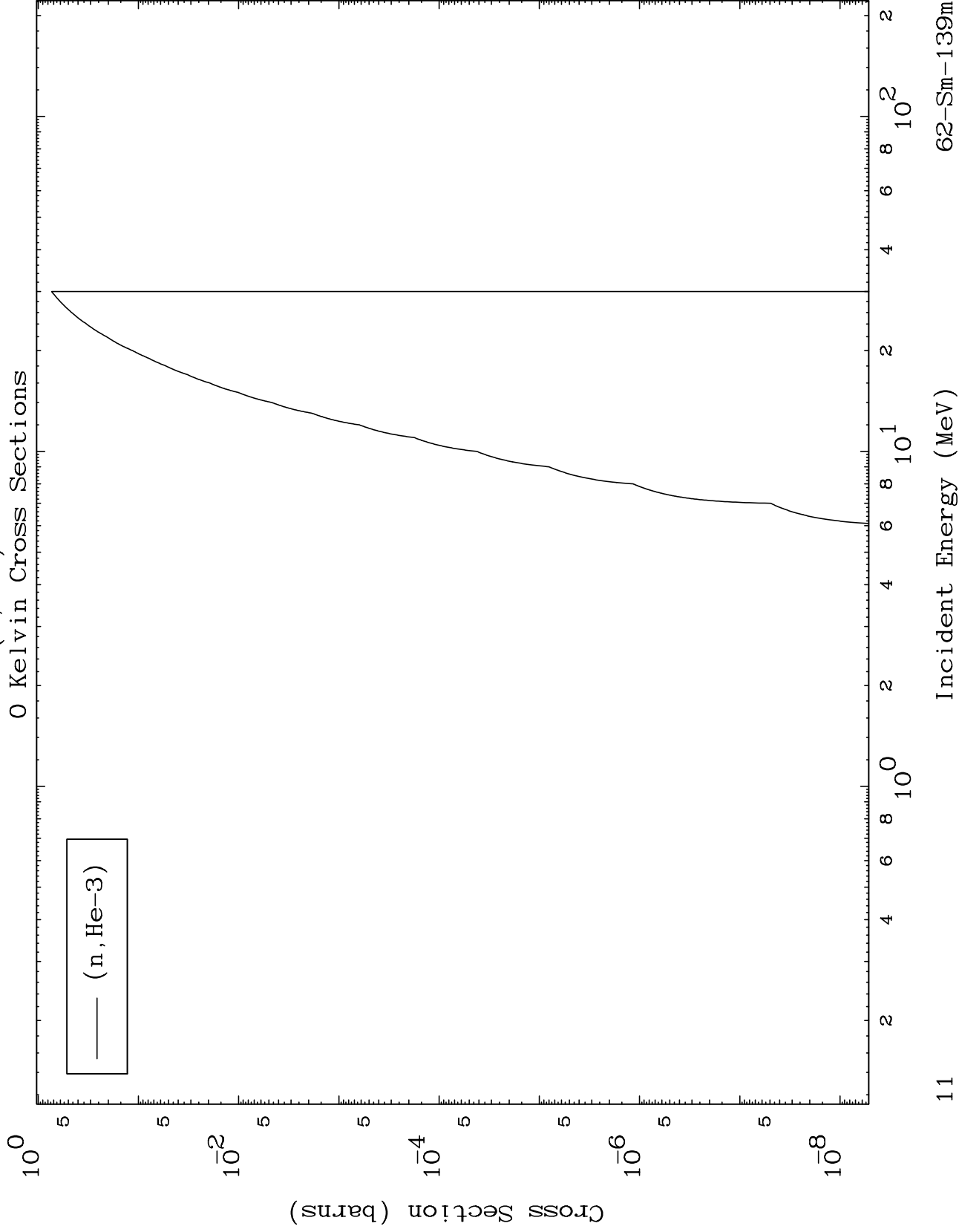
Incident Energy (MeV)

62-Sm-139m

MAT 6211

(t,He3) Levels

62-Sm-139m

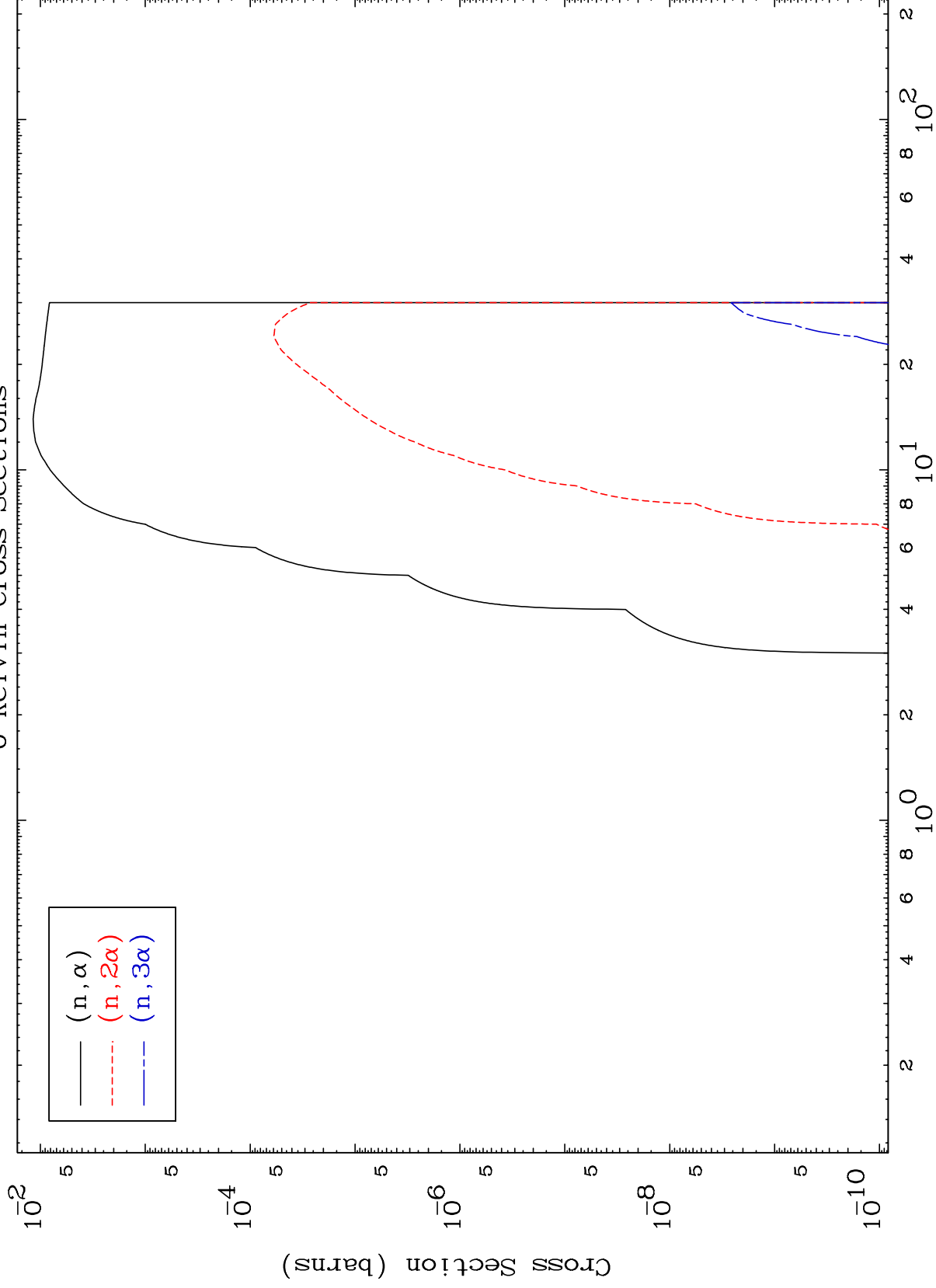


MAT 6211

(t, α) Levels

62-Sm-139m

0 Kelvin Cross Sections



12

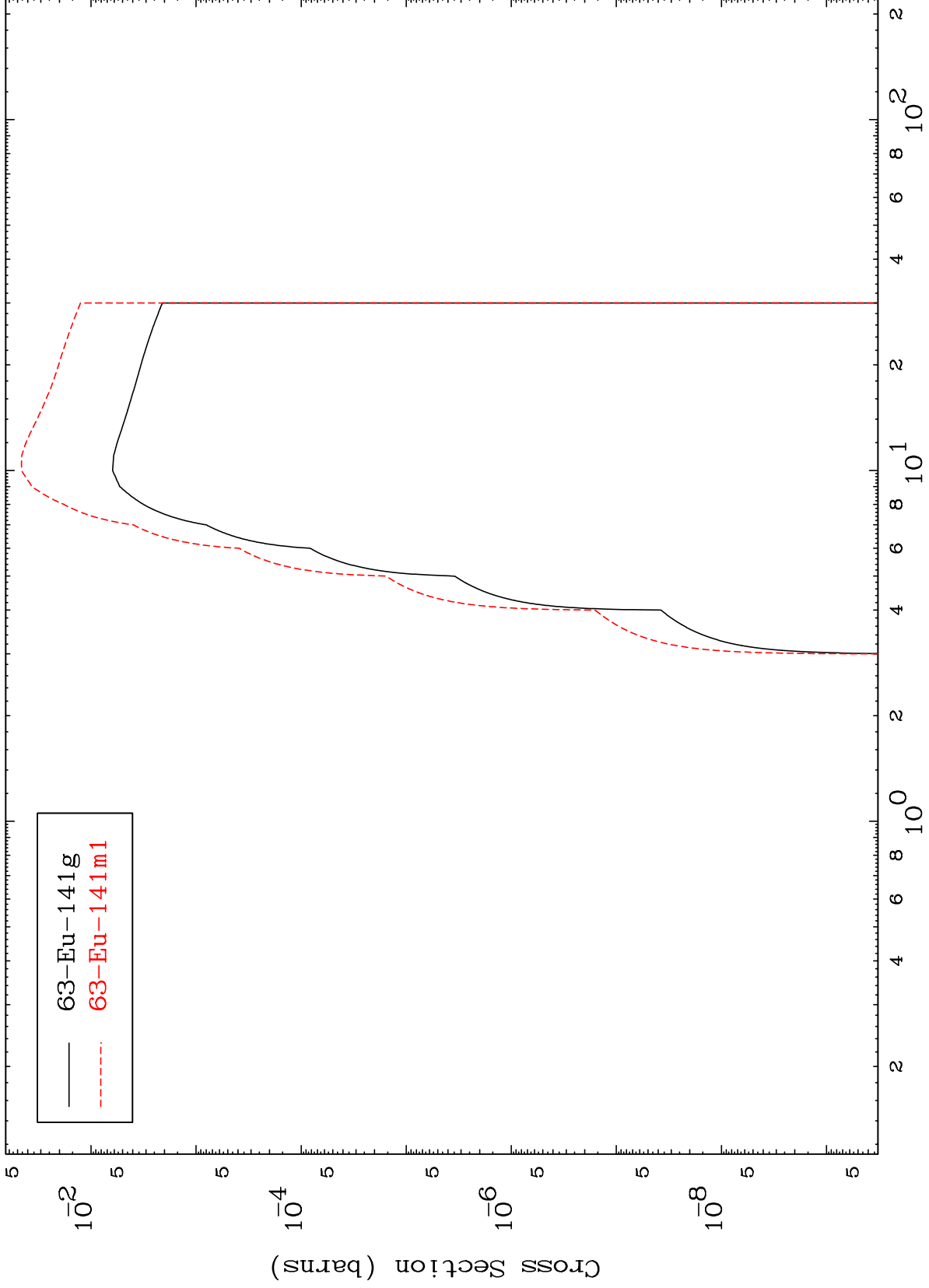
Incident Energy (MeV)

62-Sm-139m

MAT 6211

62-Sm-139m

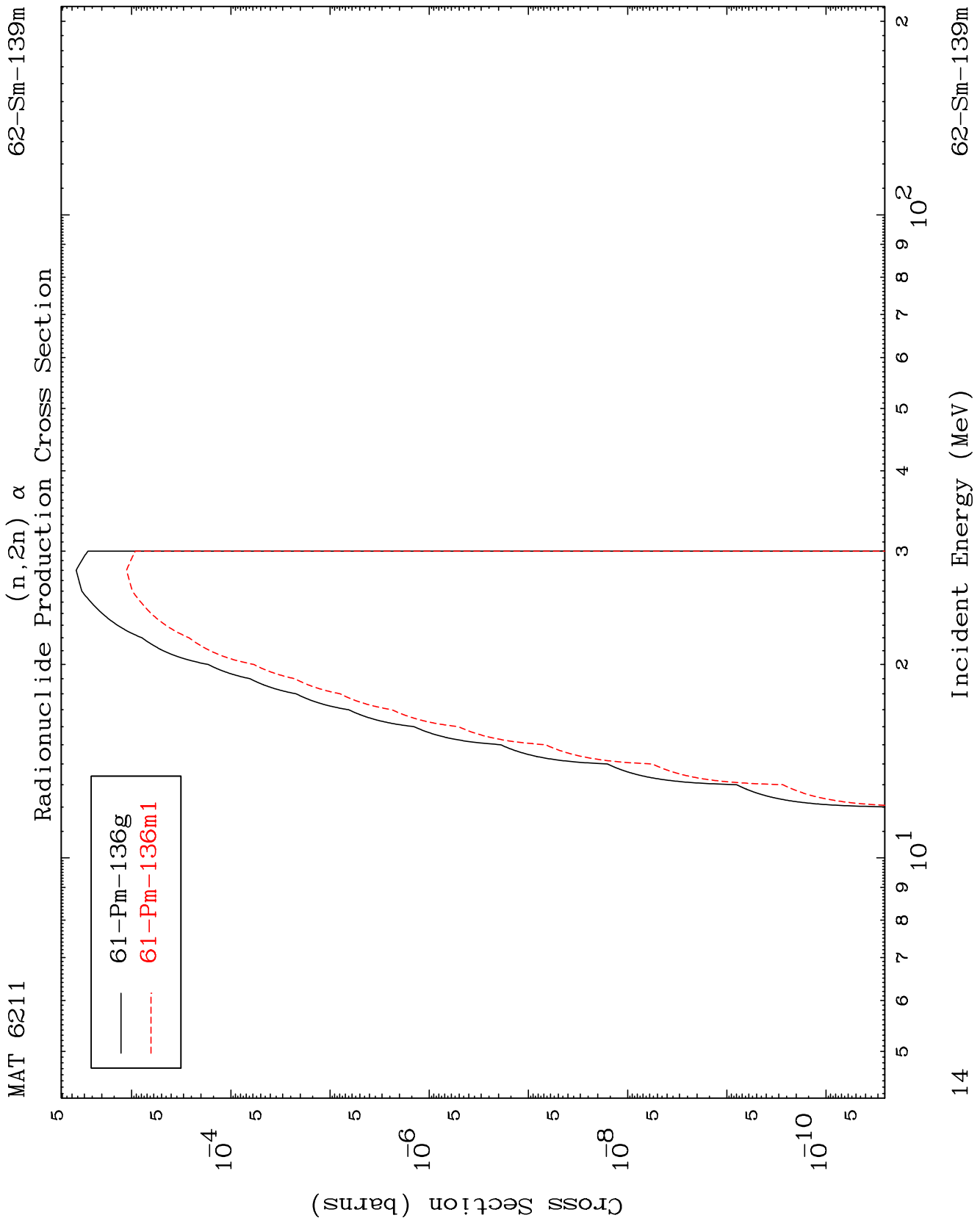
Inelastic
Radionuclide Production Cross Section



62-Sm-139m

Incident Energy (MeV)

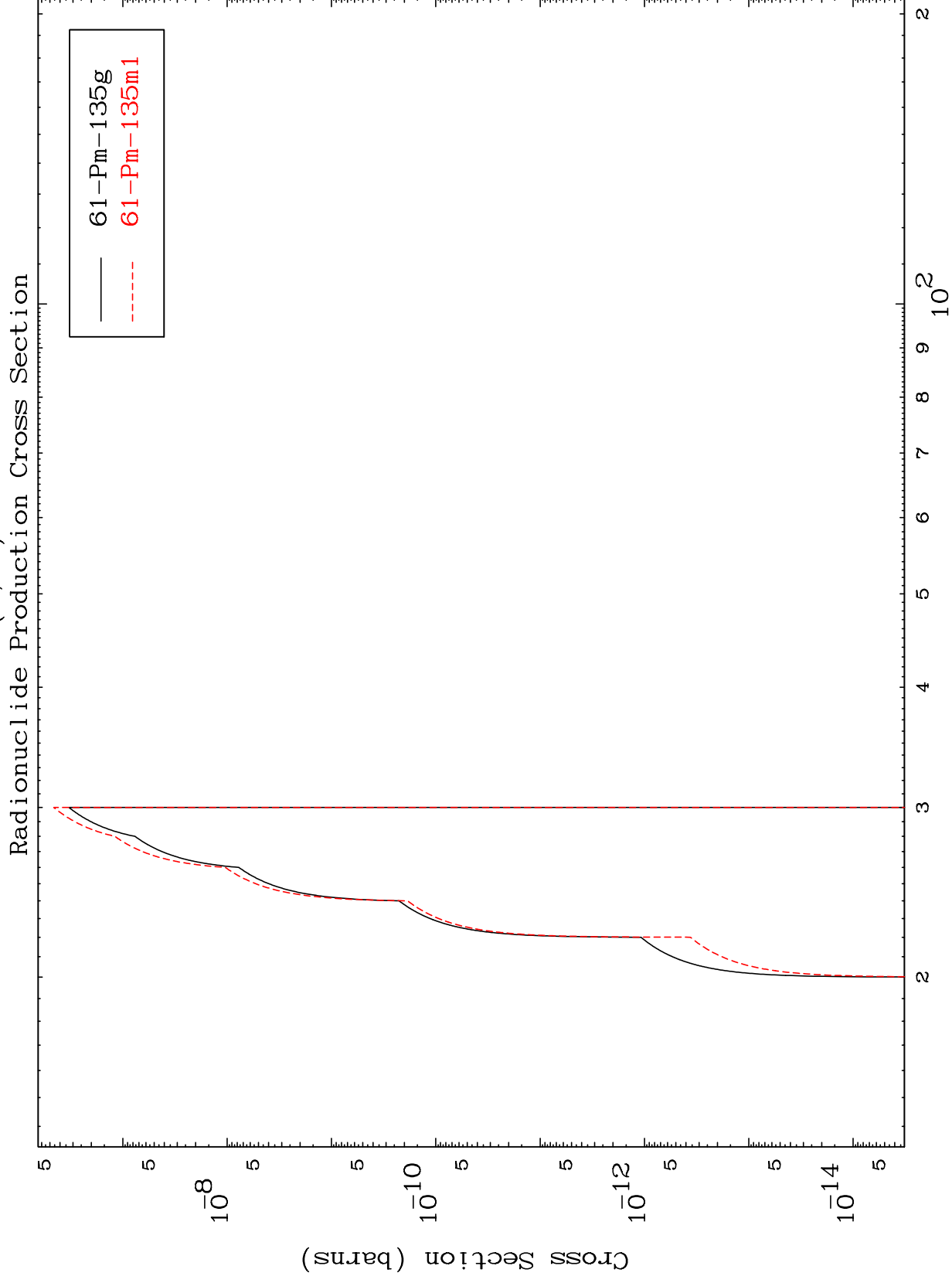
13



MAT 6211

(n,3n) α

62-Sm-139m



15

Incident Energy (MeV)

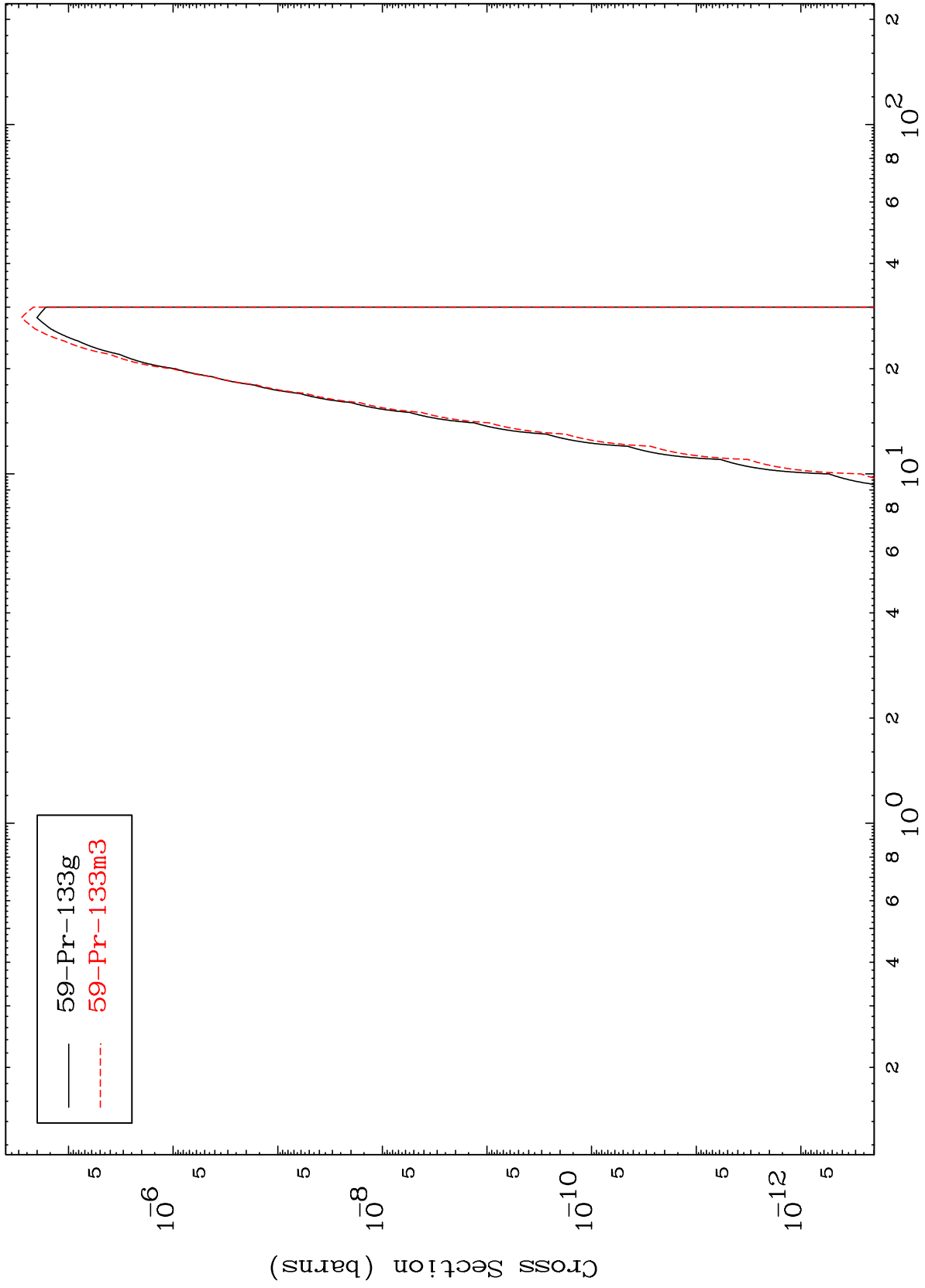
62-Sm-139m

MAT 6211

(n,n') 2α

62-Sm-139m

Radionuclide Production Cross Section

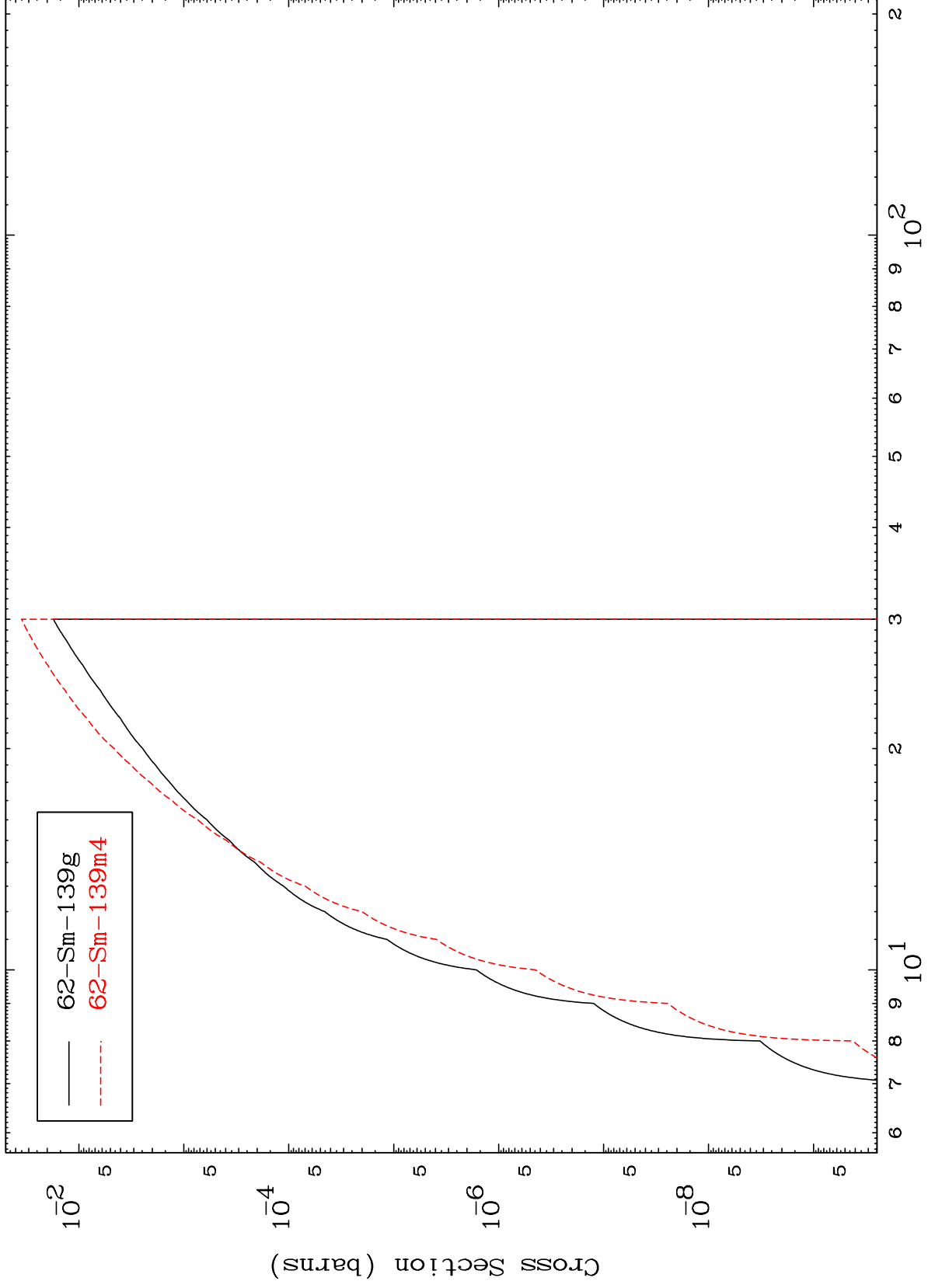


MAT 6211

(n,n') d

62-Sm-139m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

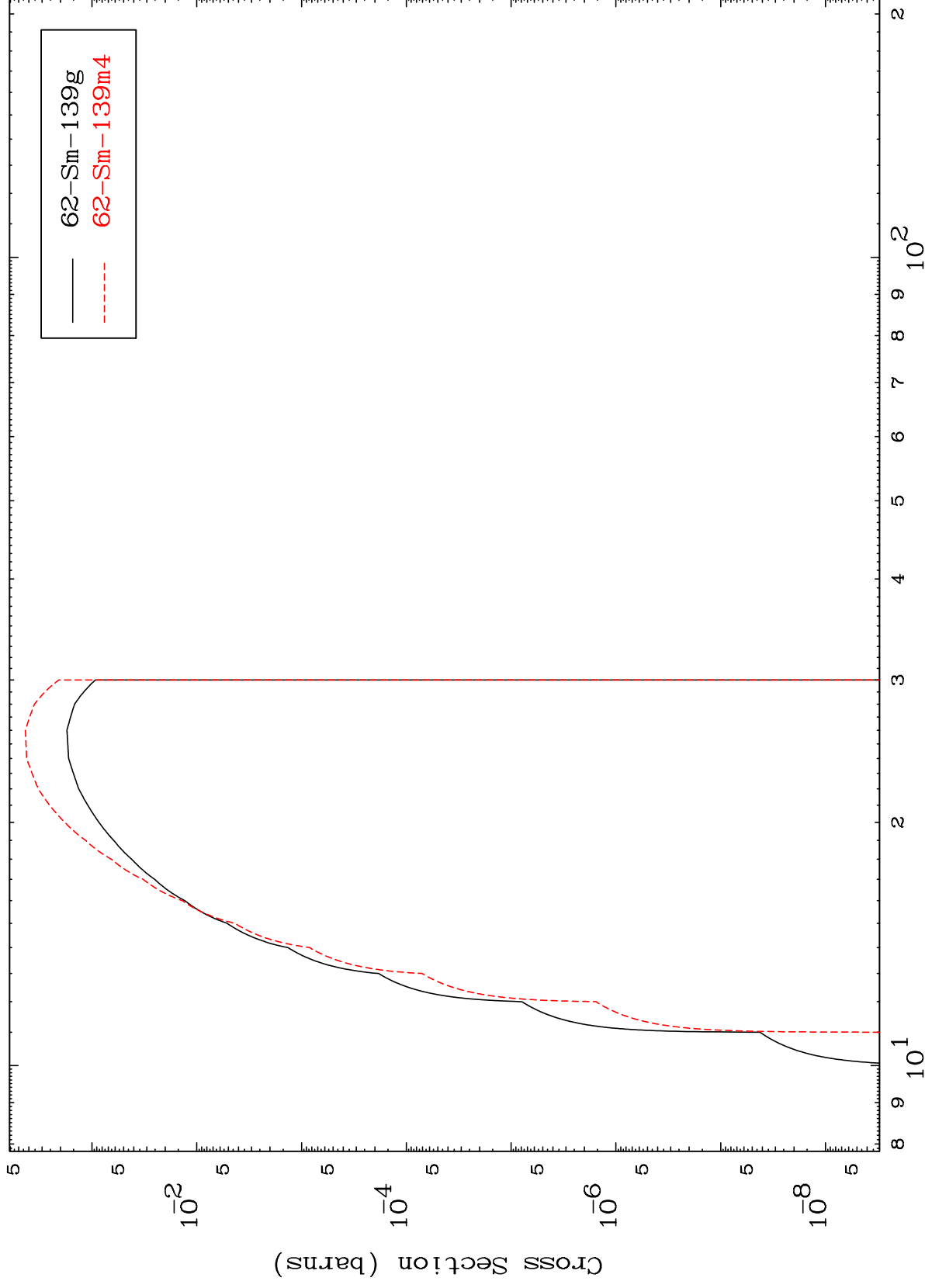
62-Sm-139m

MAT 6211

(n,2n) p

62-Sm-139m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

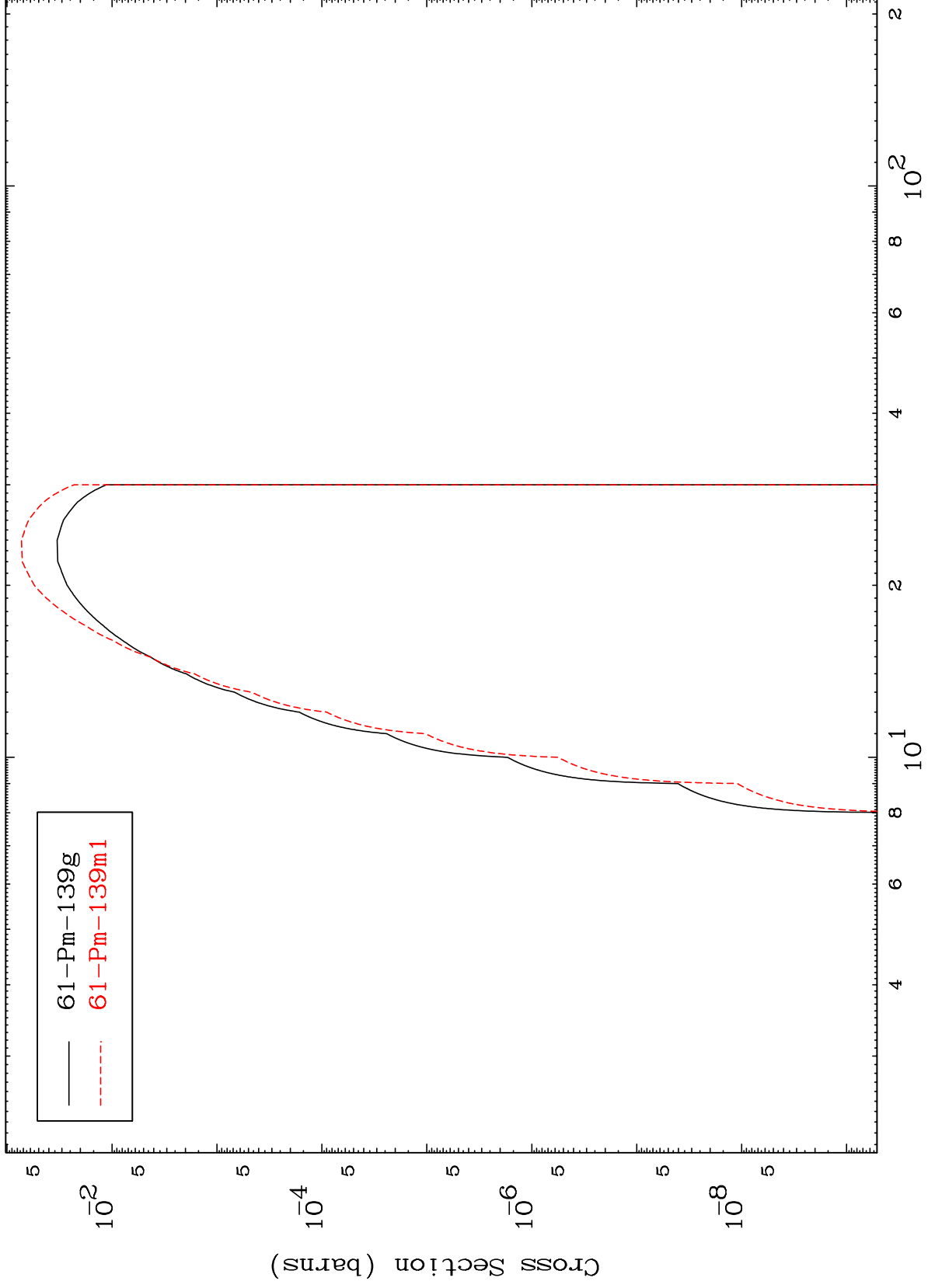
62-Sm-139m

MAT 6211

(n,2n) p

62-Sm-139m

Radionuclide Production Cross Section



19

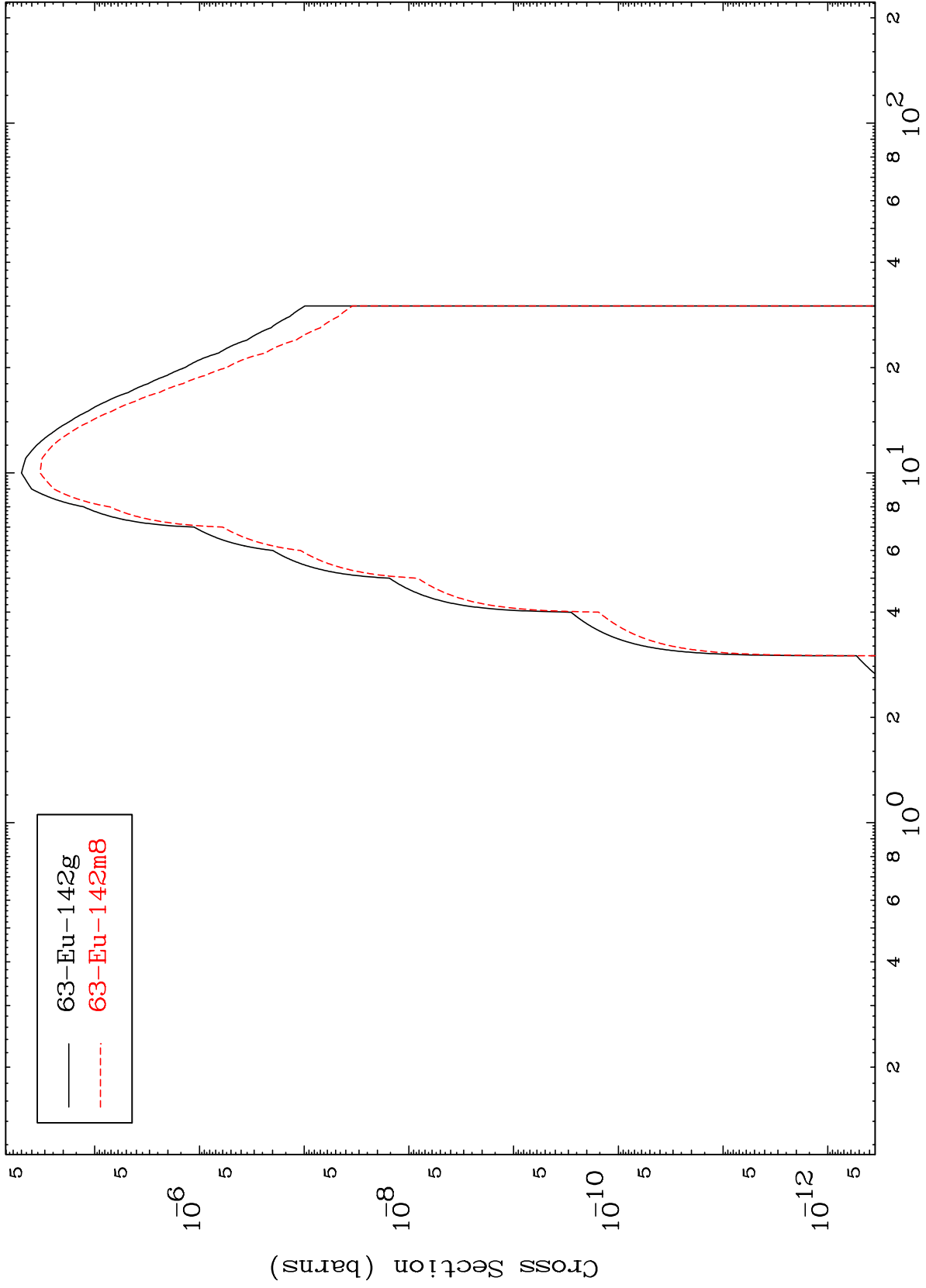
Incident Energy (MeV)

62-Sm-139m

MAT 6211

62-Sm-139m

(n, γ)
Radionuclide Production Cross Section

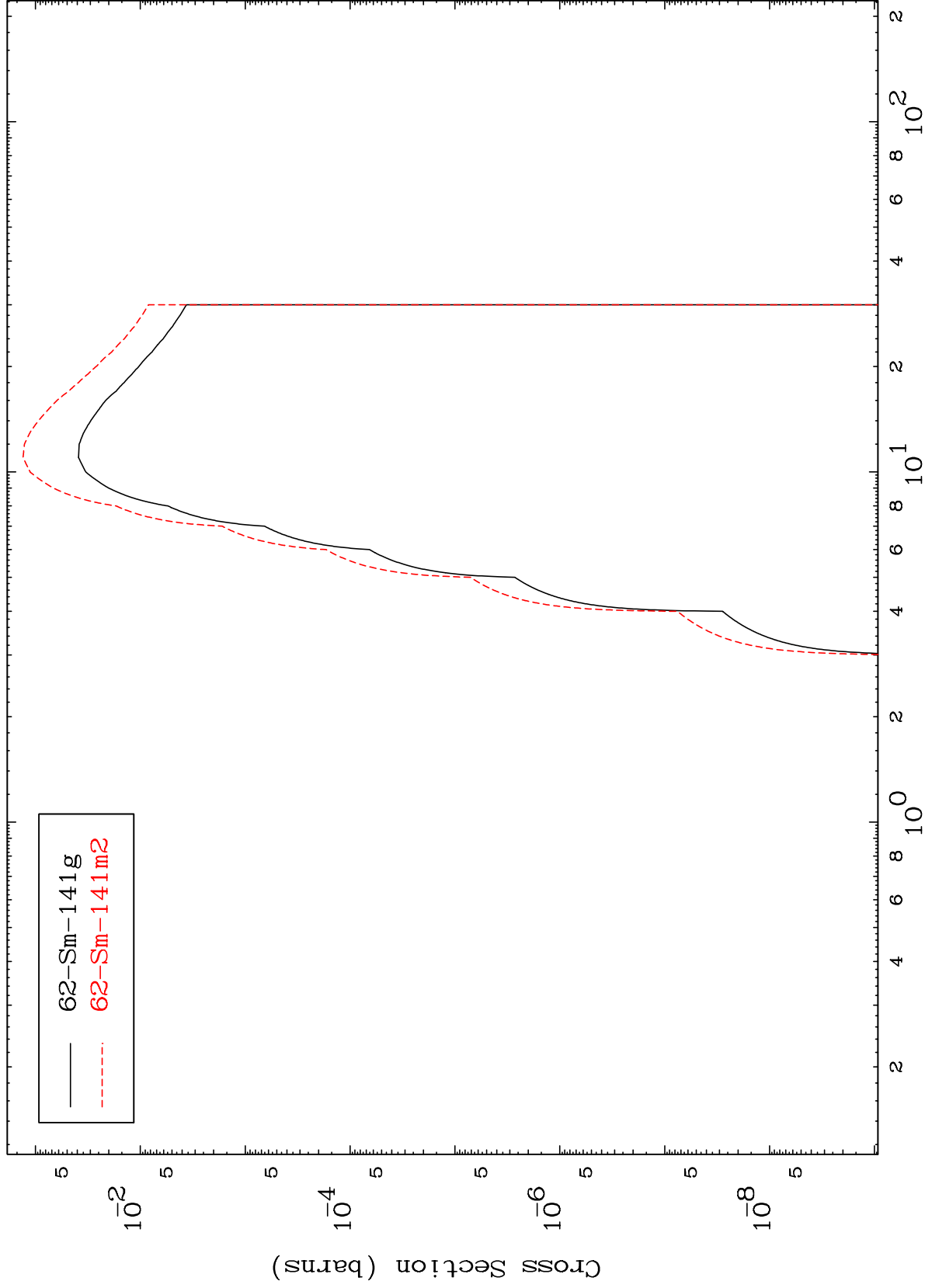


— 63-Eu-142g
- - - 63-Eu-142m8

MAT 6211

62-Sm-139m

(n,p)
Radionuclide Production Cross Section

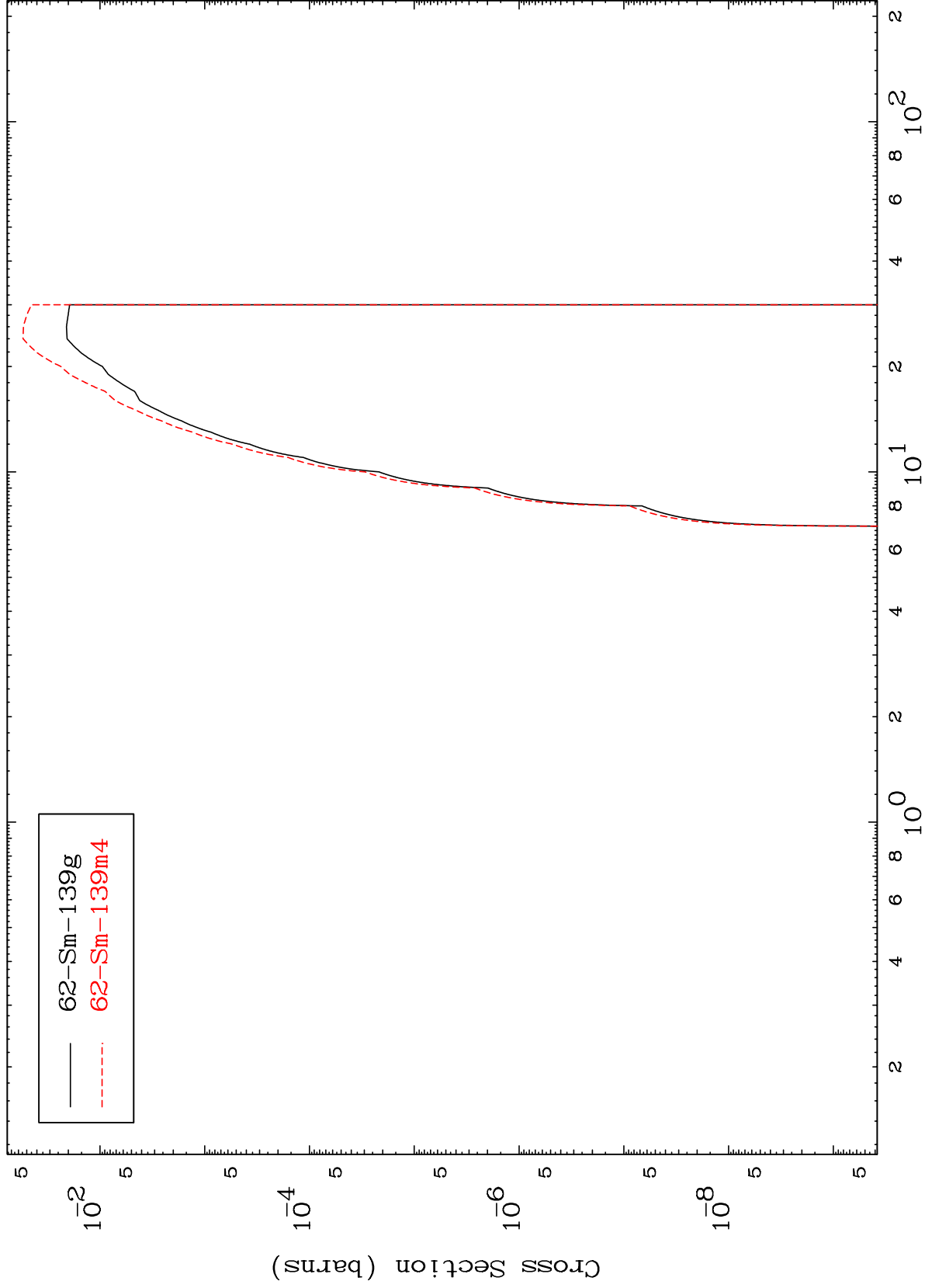


MAT 6211

(n, t)

62-Sm-139m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

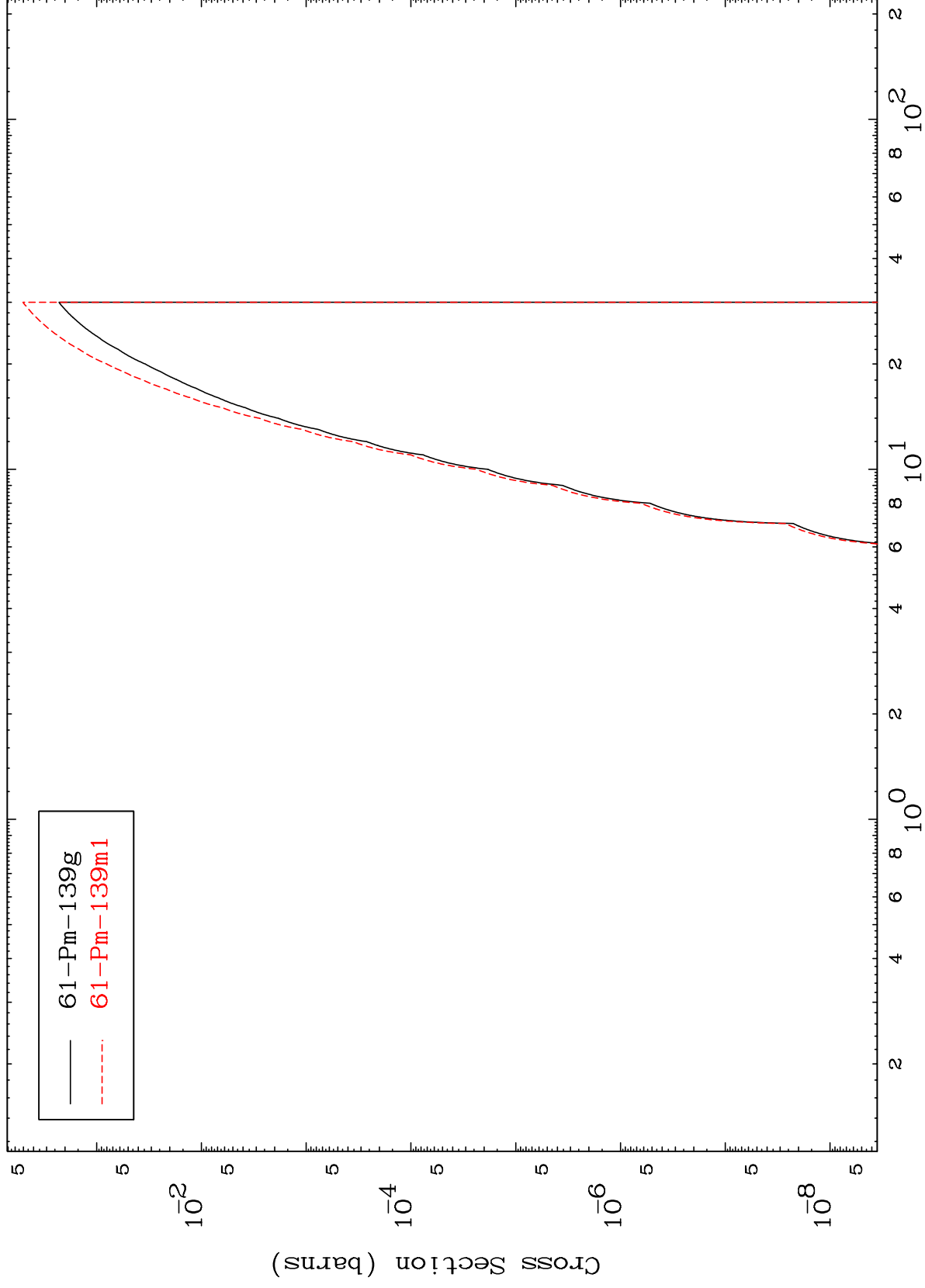
62-Sm-139m

MAT 6211

(n,He-3)

62-Sm-139m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

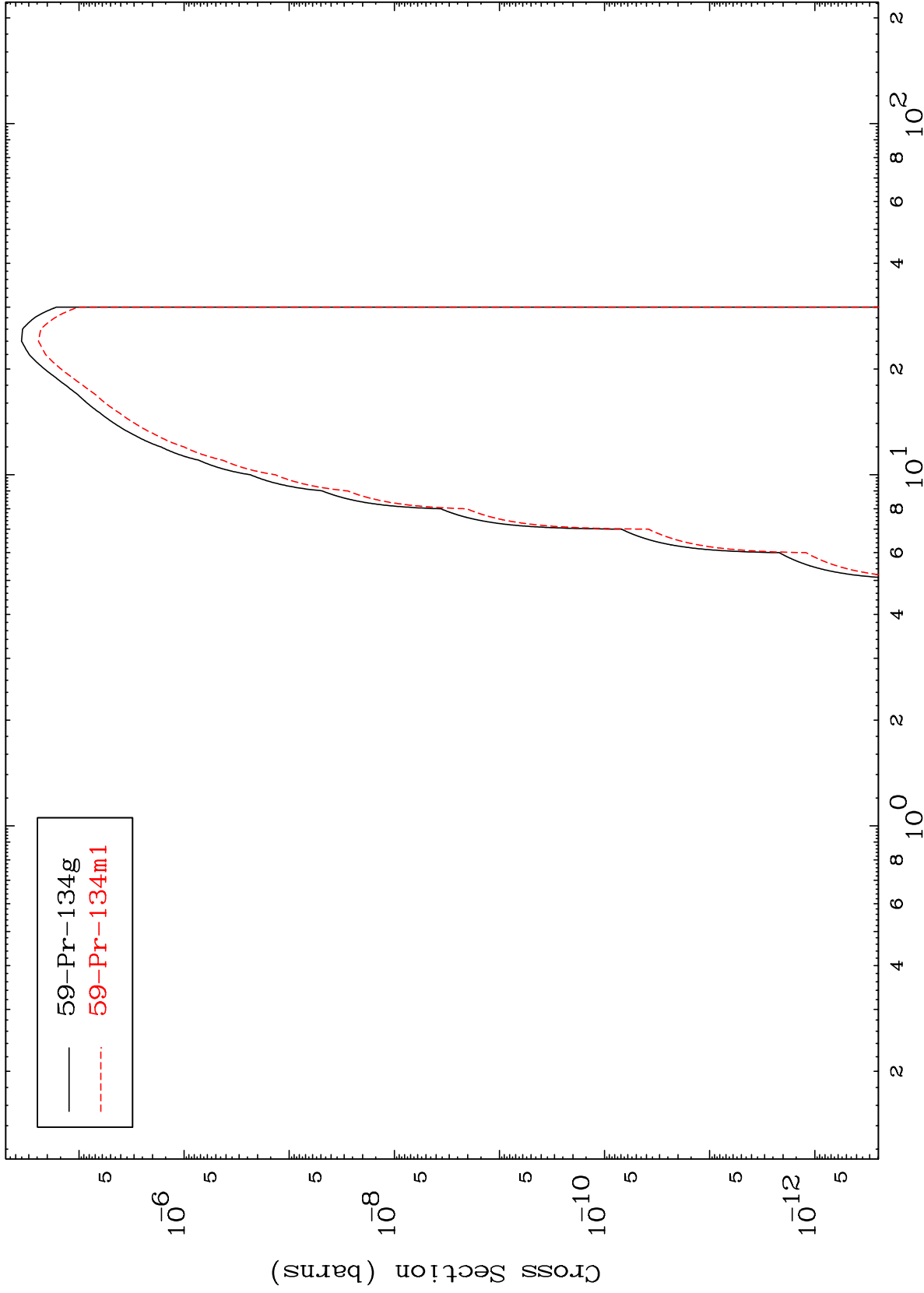
62-Sm-139m

MAT 6211

(n,2α)

62-Sm-139m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

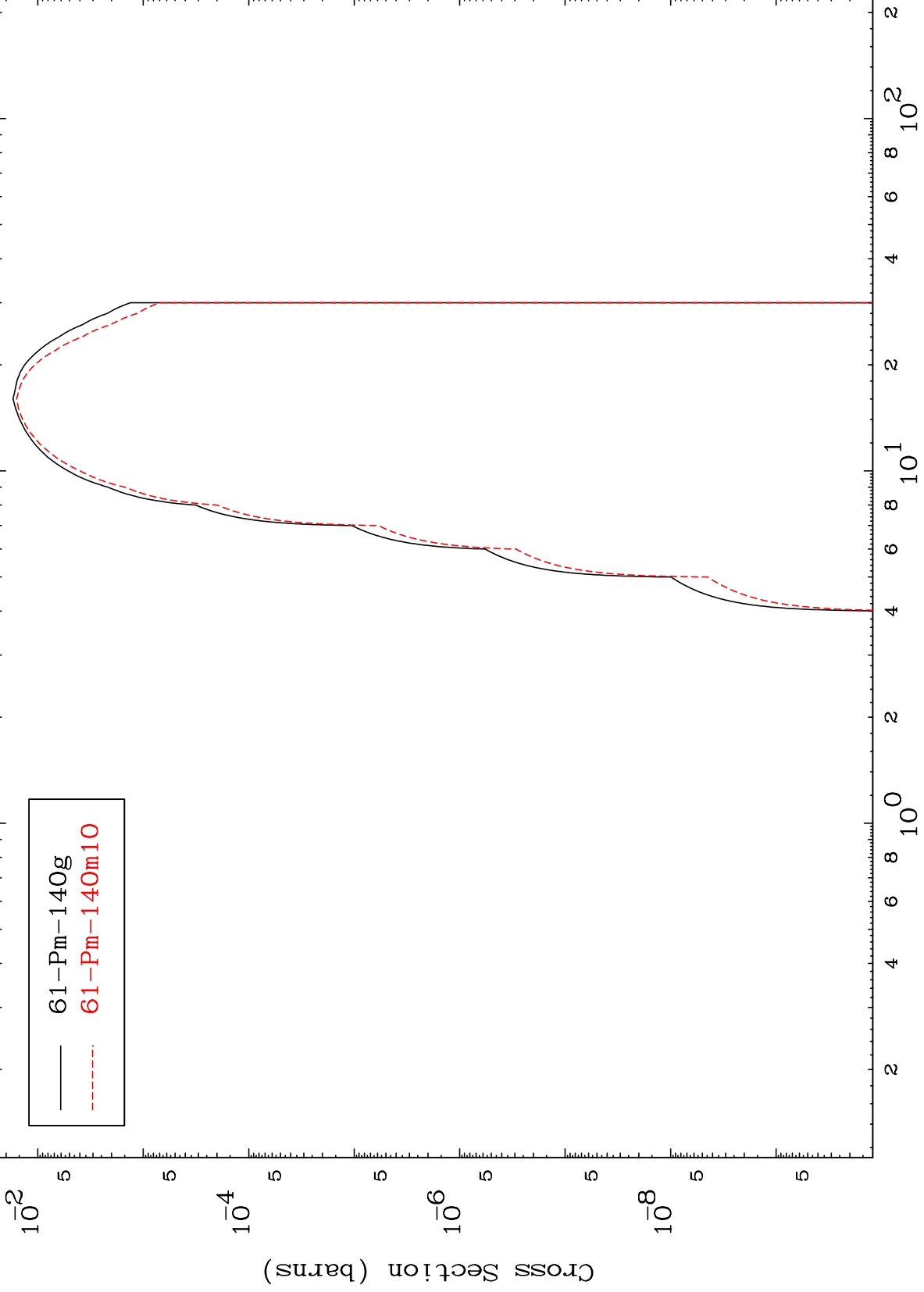
62-Sm-139m

MAT 6211

(n,2p)

62-Sm-139m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

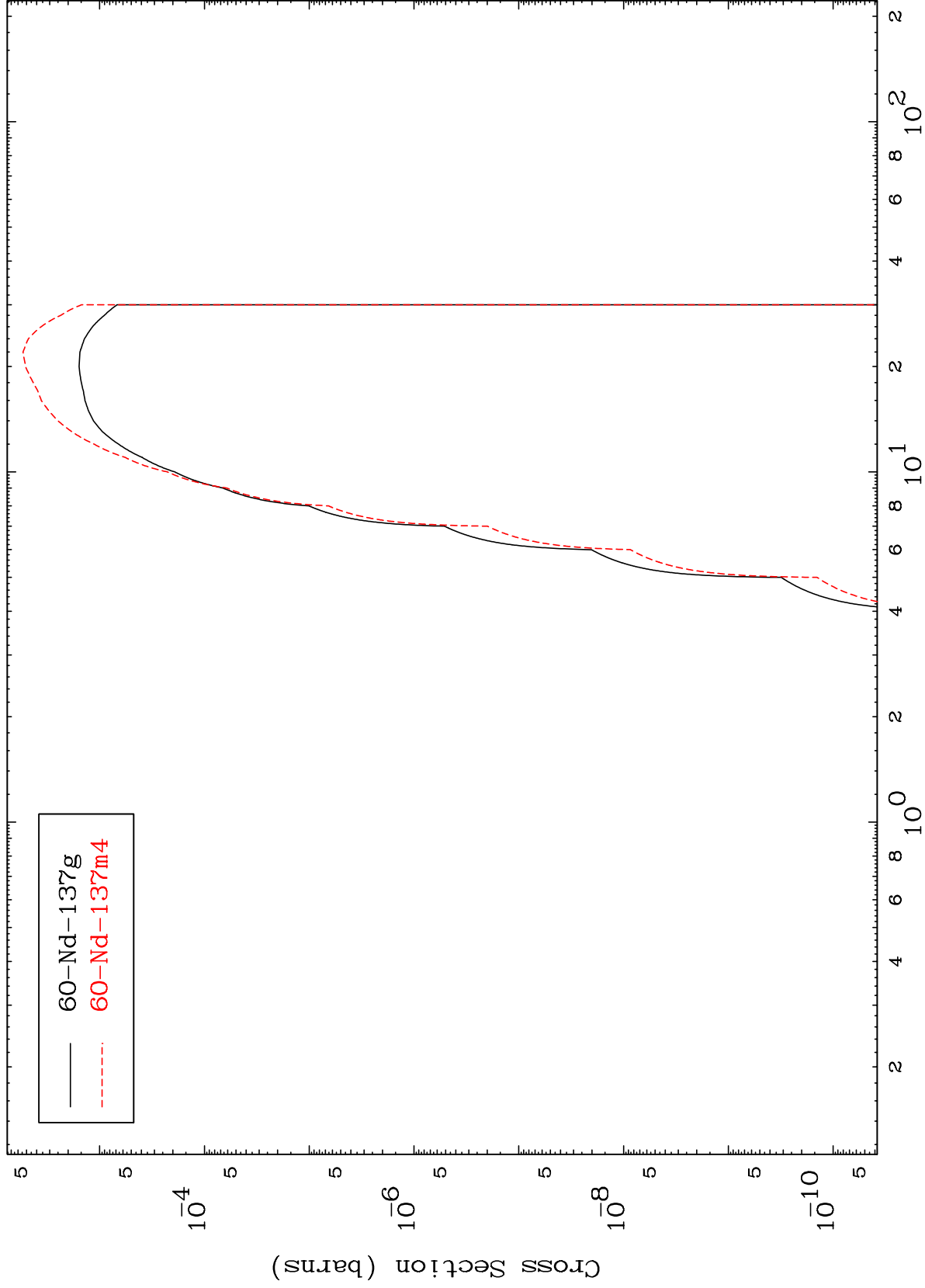
62-Sm-139m

MAT 6211

(n,p) α

62-Sm-139m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

62-Sm-139m

