

Program EVALPLOT
(Version 2021-1)

by

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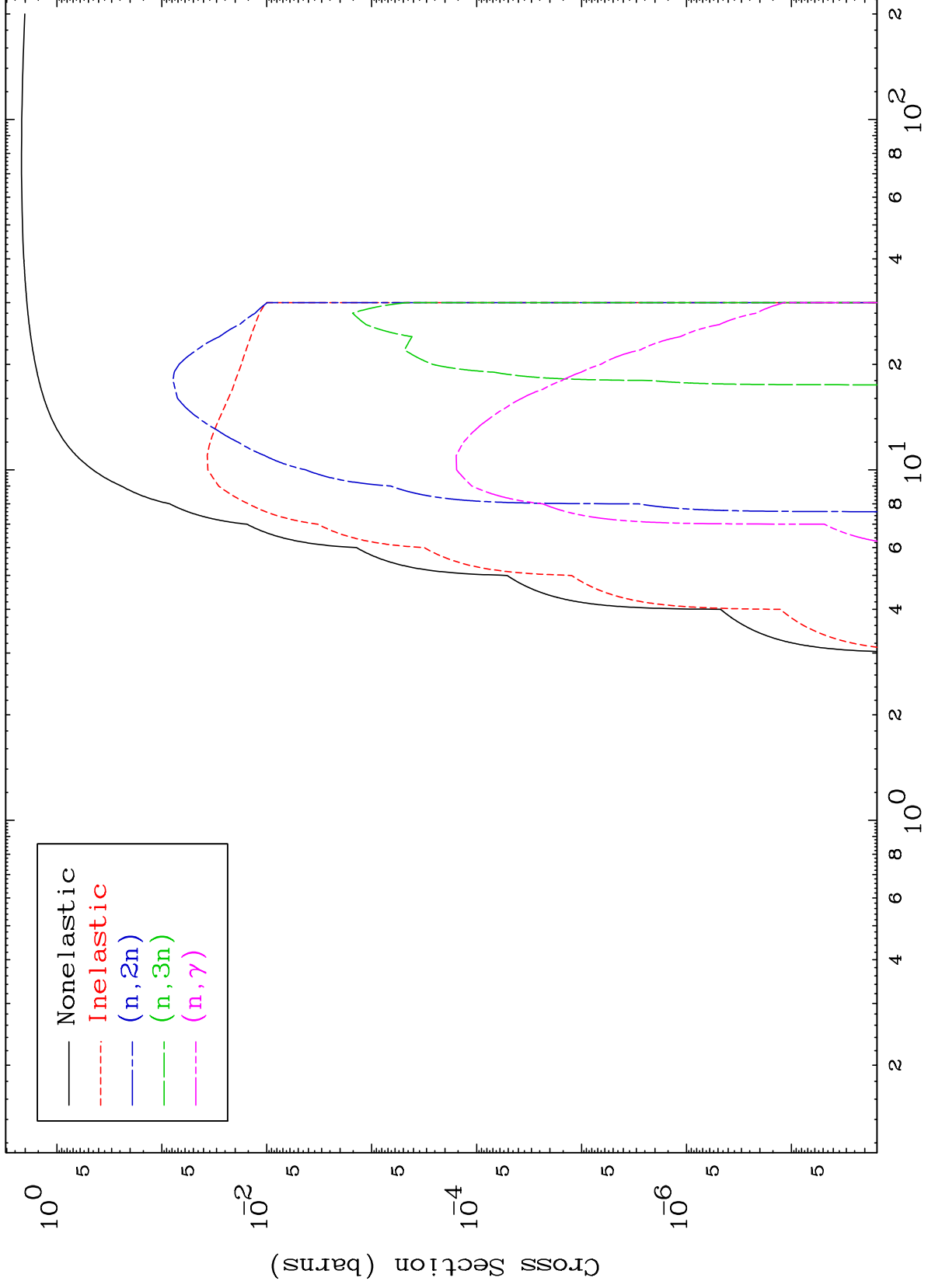
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6204

Triton Major
0 Kelvin Cross Sections

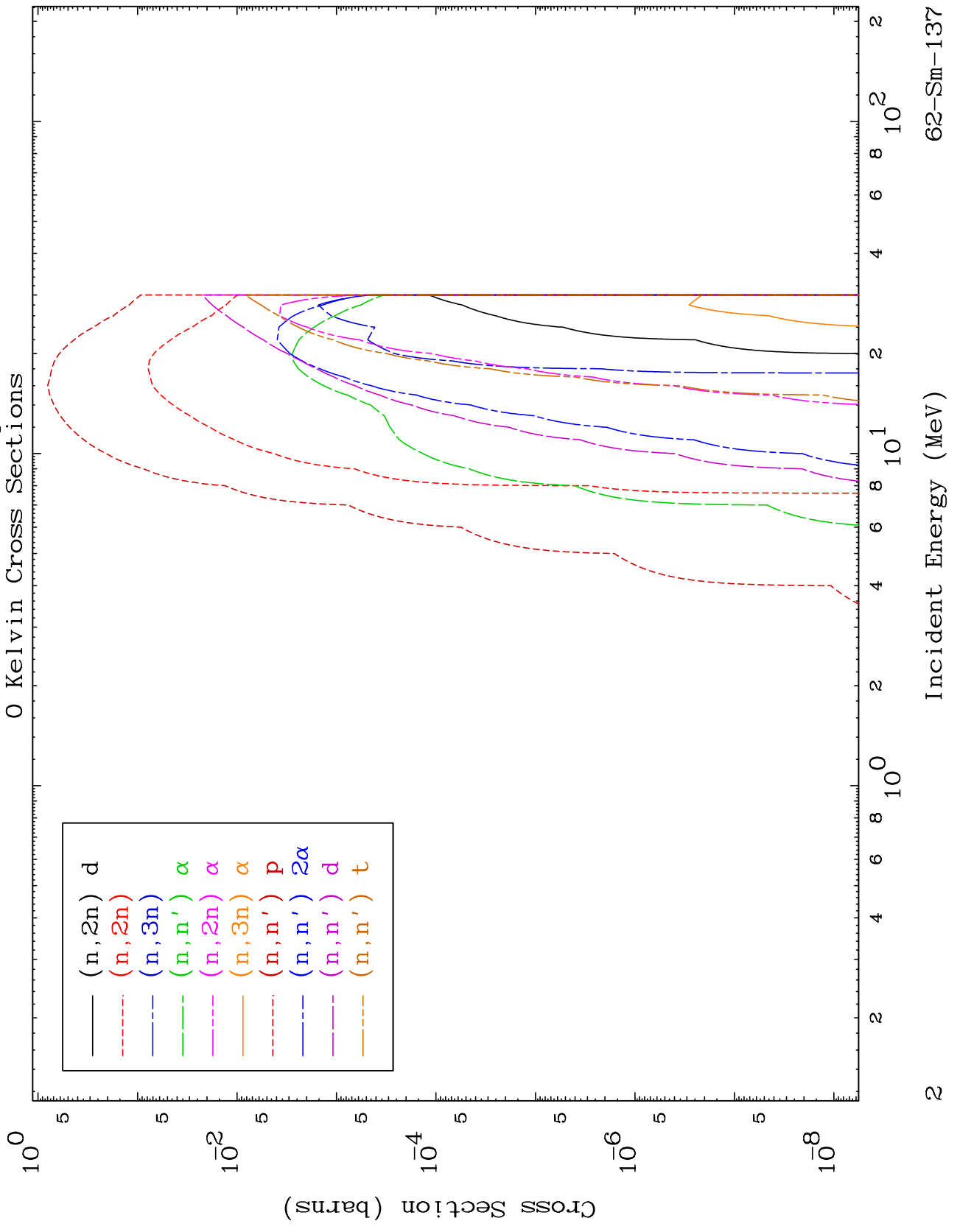
62-Sm-137



MAT 6204

Triton Neutron Absorption
0 Kelvin Cross Sections

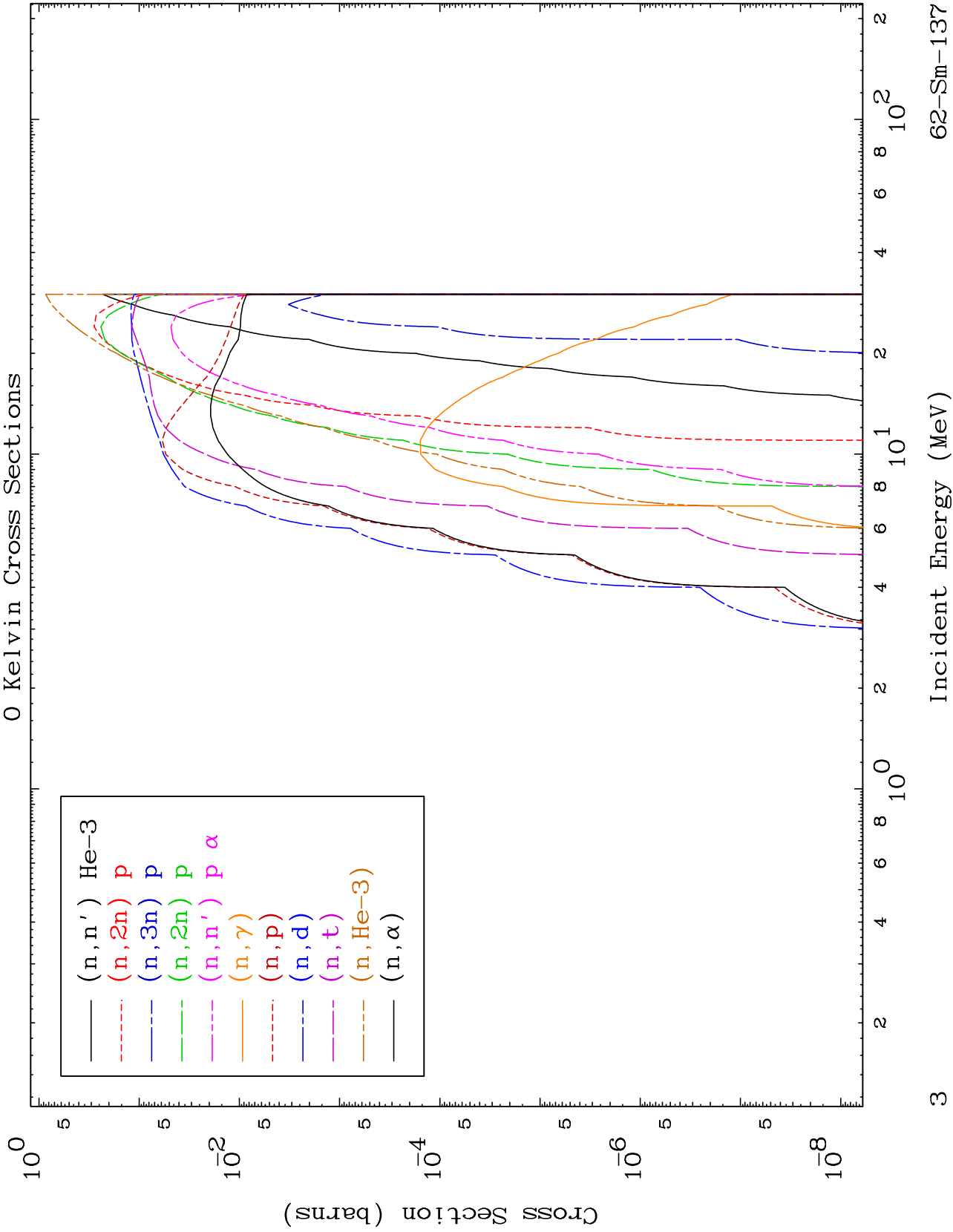
62-Sm-137

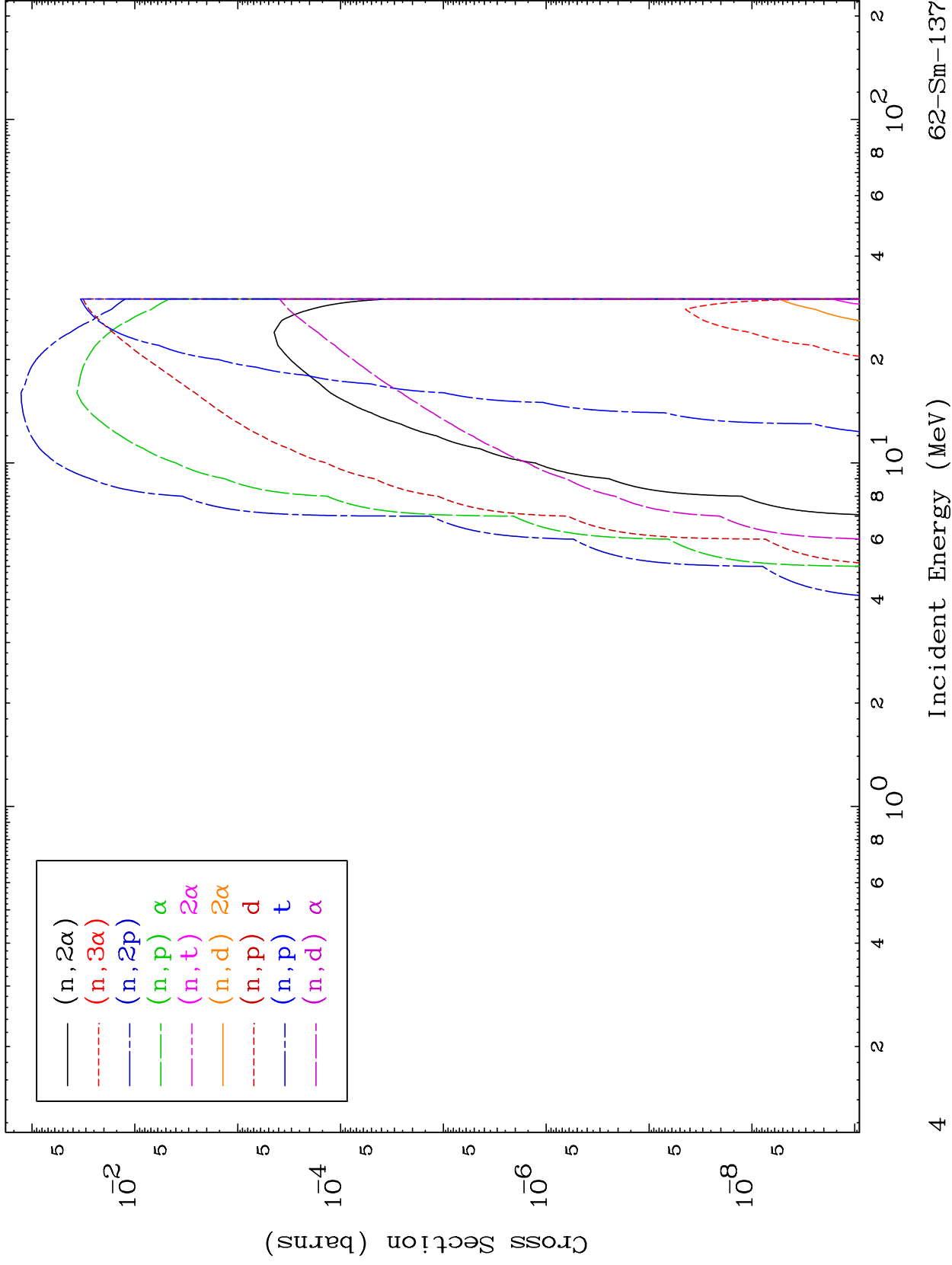


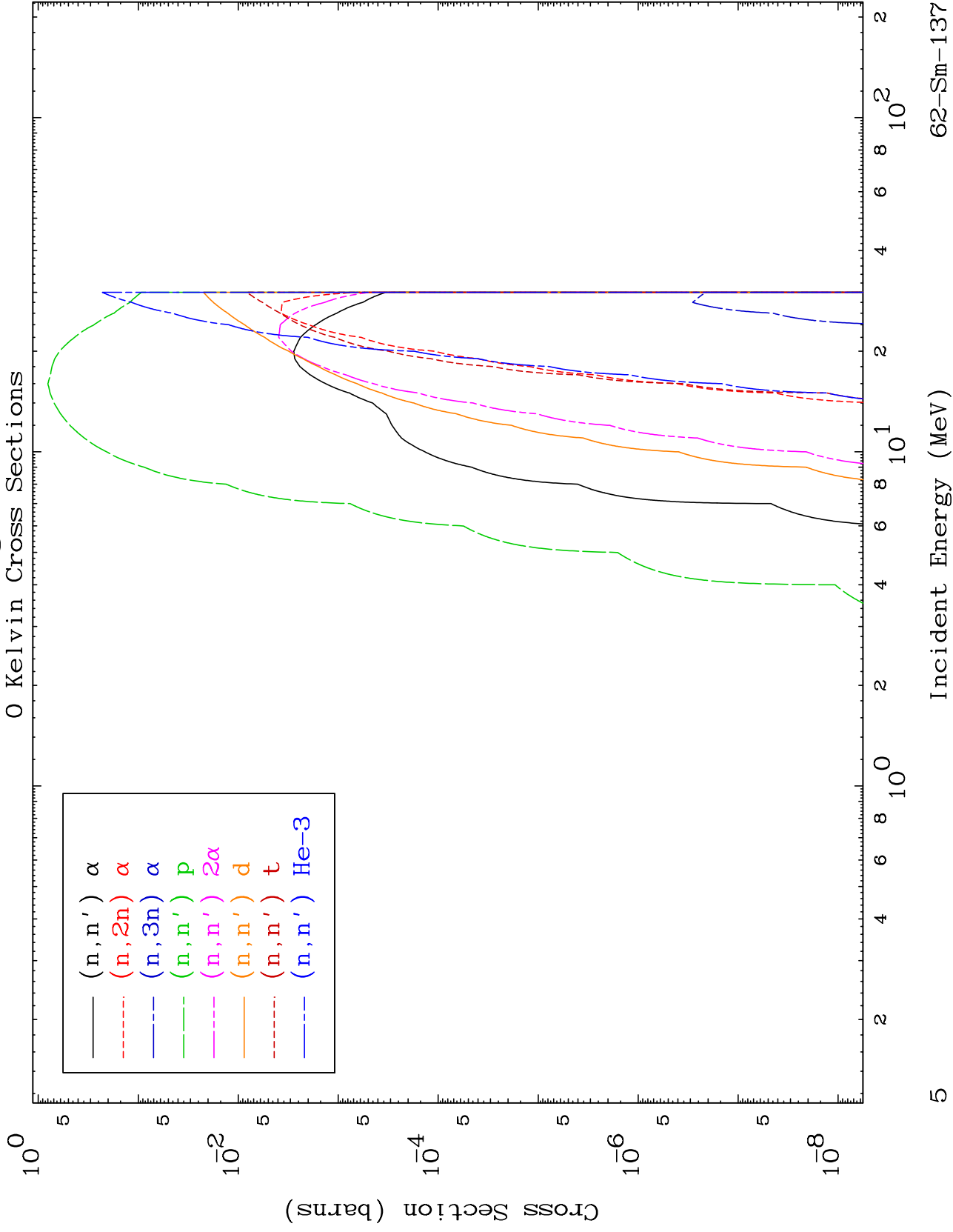
MAT 6204

Triton Neutron Absorption
0 Kelvin Cross Sections

62-Sm-137



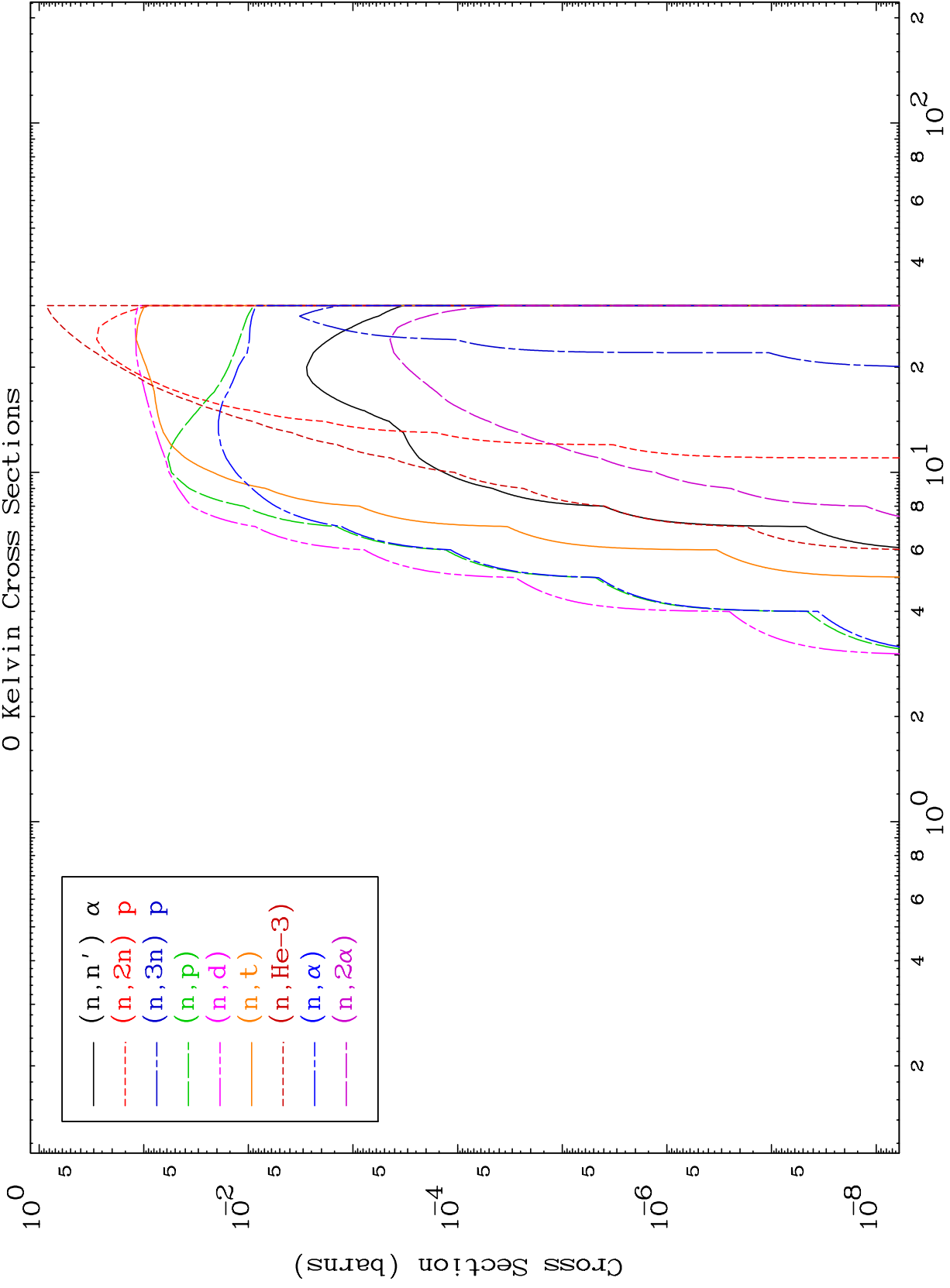




MAT 6204

Triton Charged Particle
0 Kelvin Cross Sections

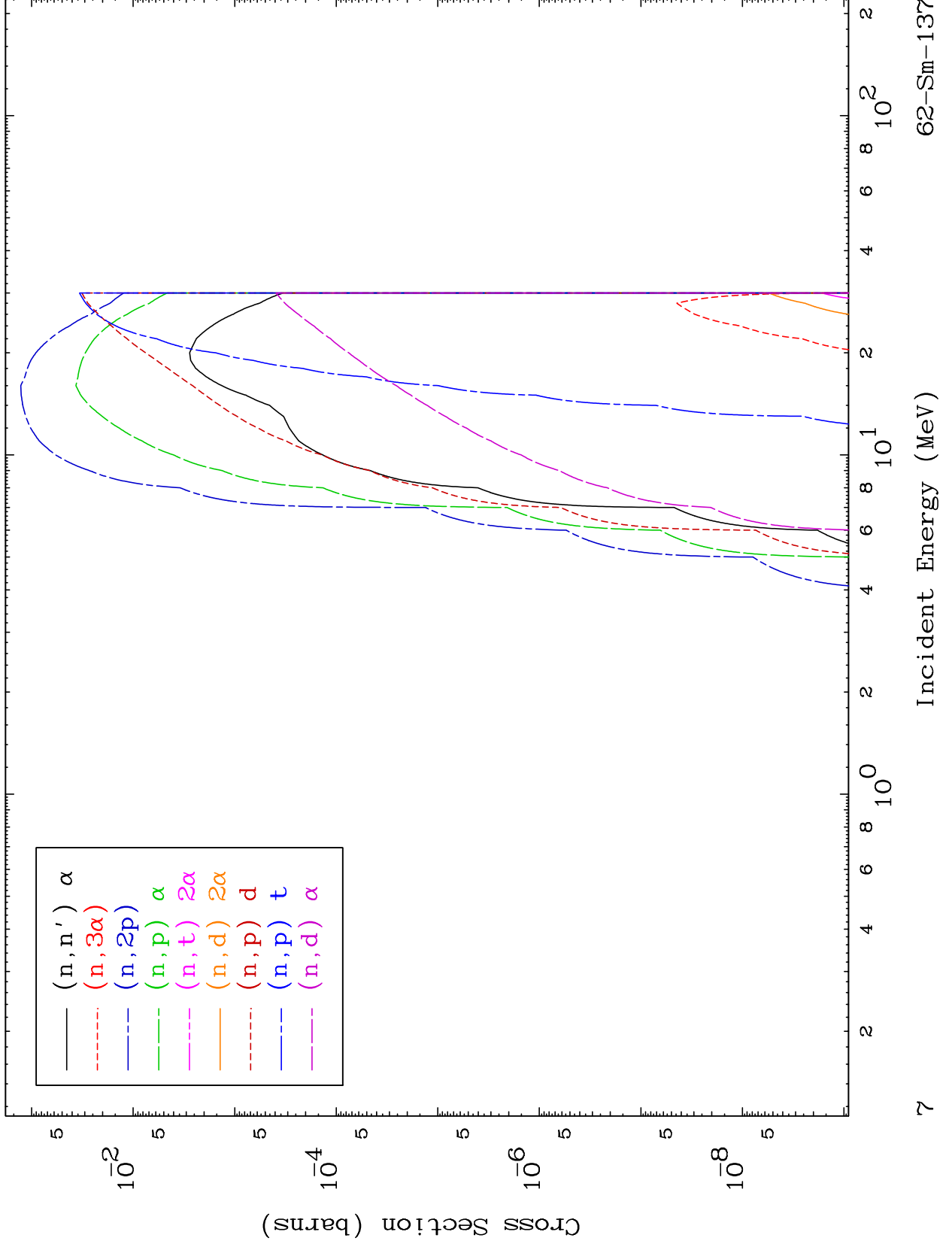
62-Sm-137



MAT 6204

Triton Charged Particle
0 Kelvin Cross Sections

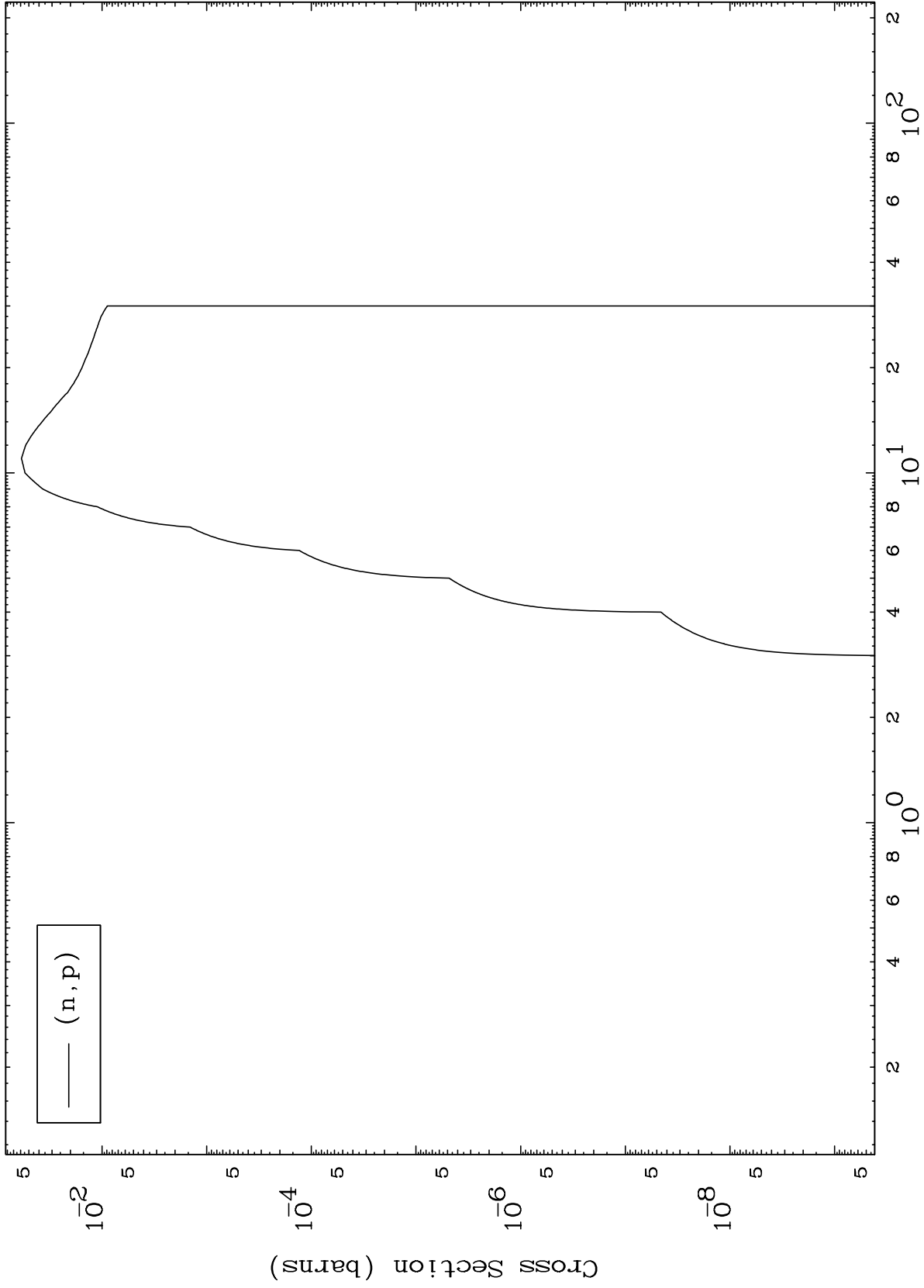
62-Sm-137



MAT 6204

62-Sm-137

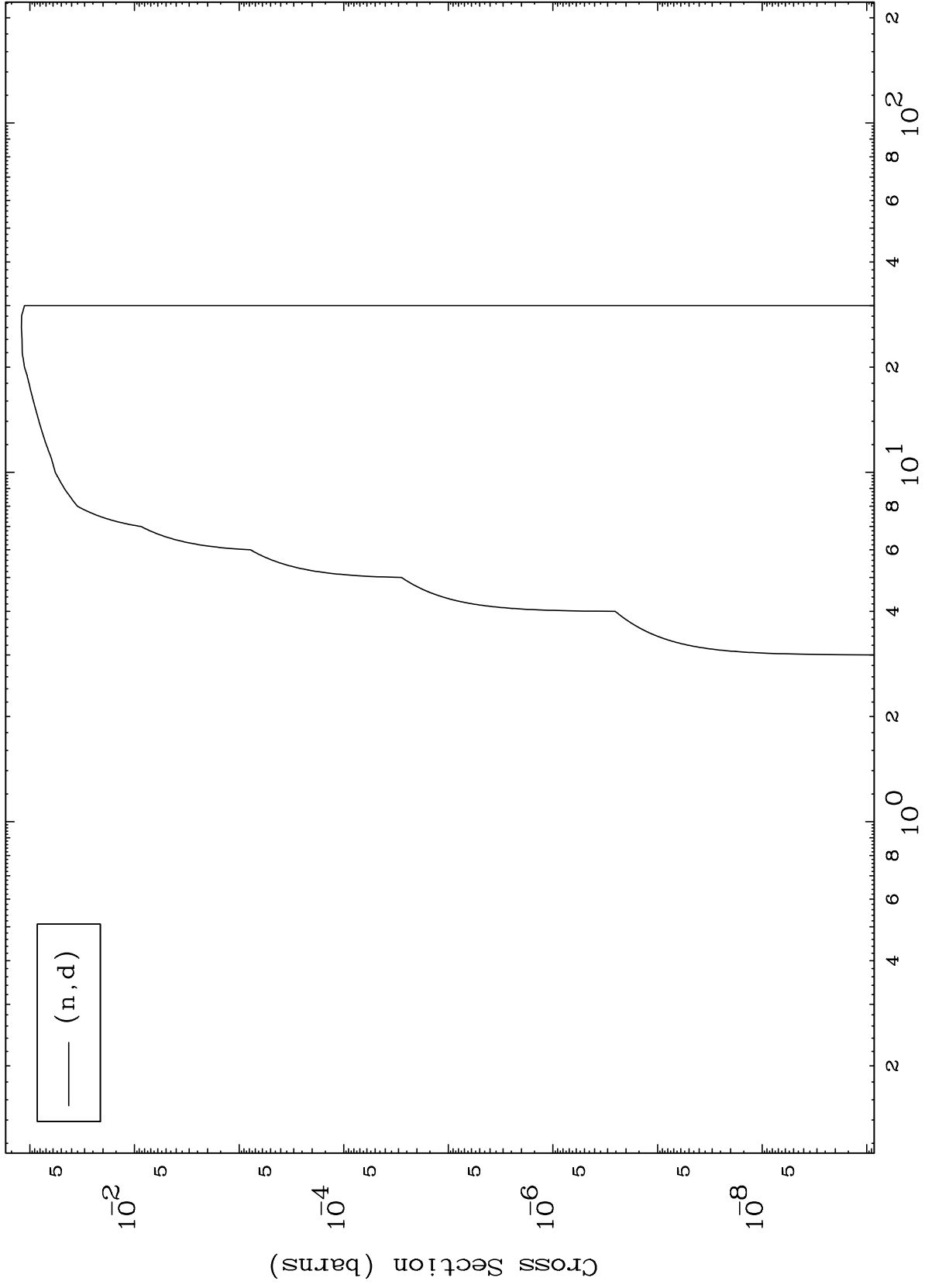
(t,p) Levels
0 Kelvin Cross Sections



MAT 6204

(t, d) Levels
0 Kelvin Cross Sections

62-Sm-137

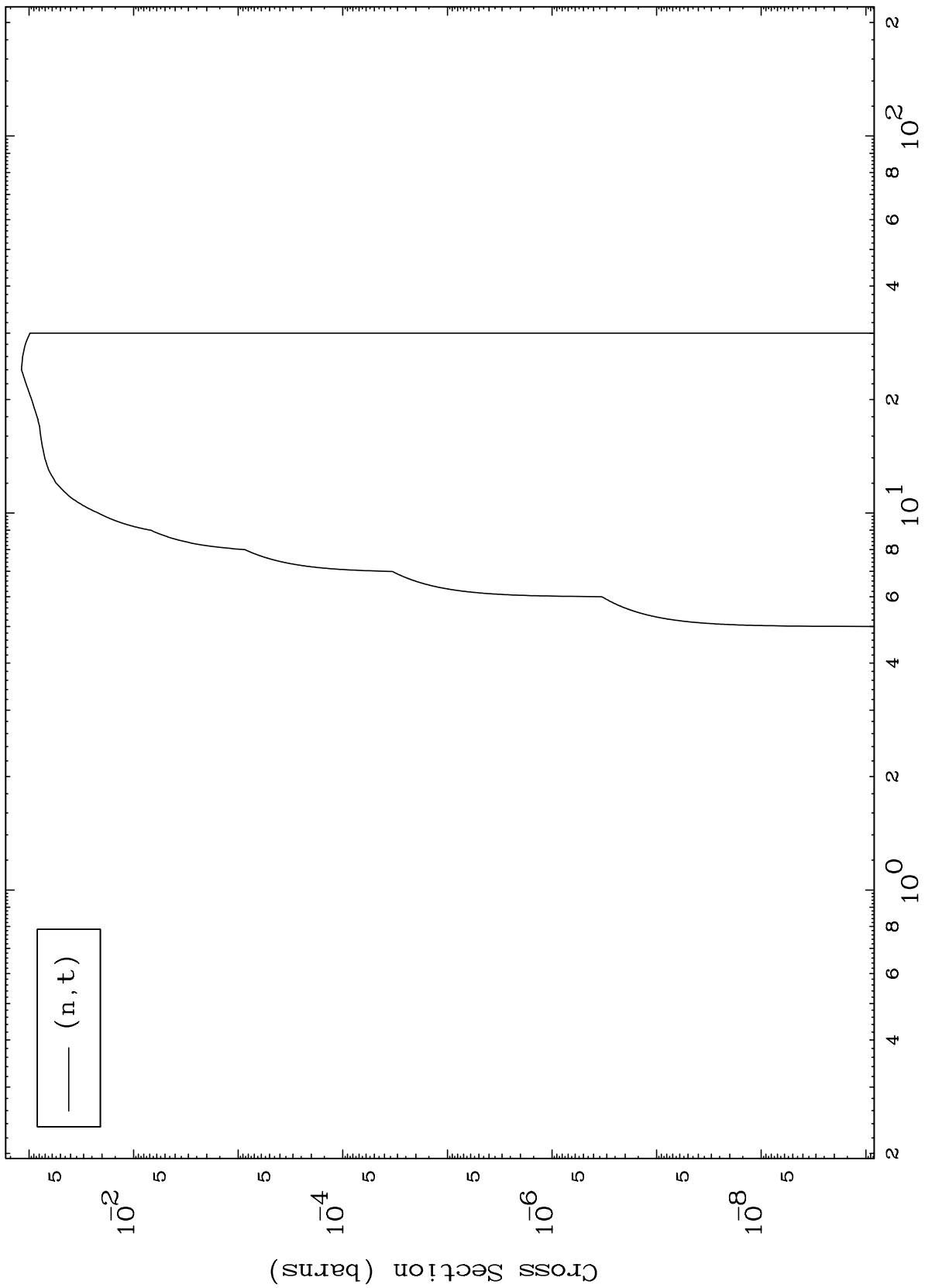


MAT 6204

(t, t) Levels

62-Sm-137

0 Kelvin Cross Sections



10

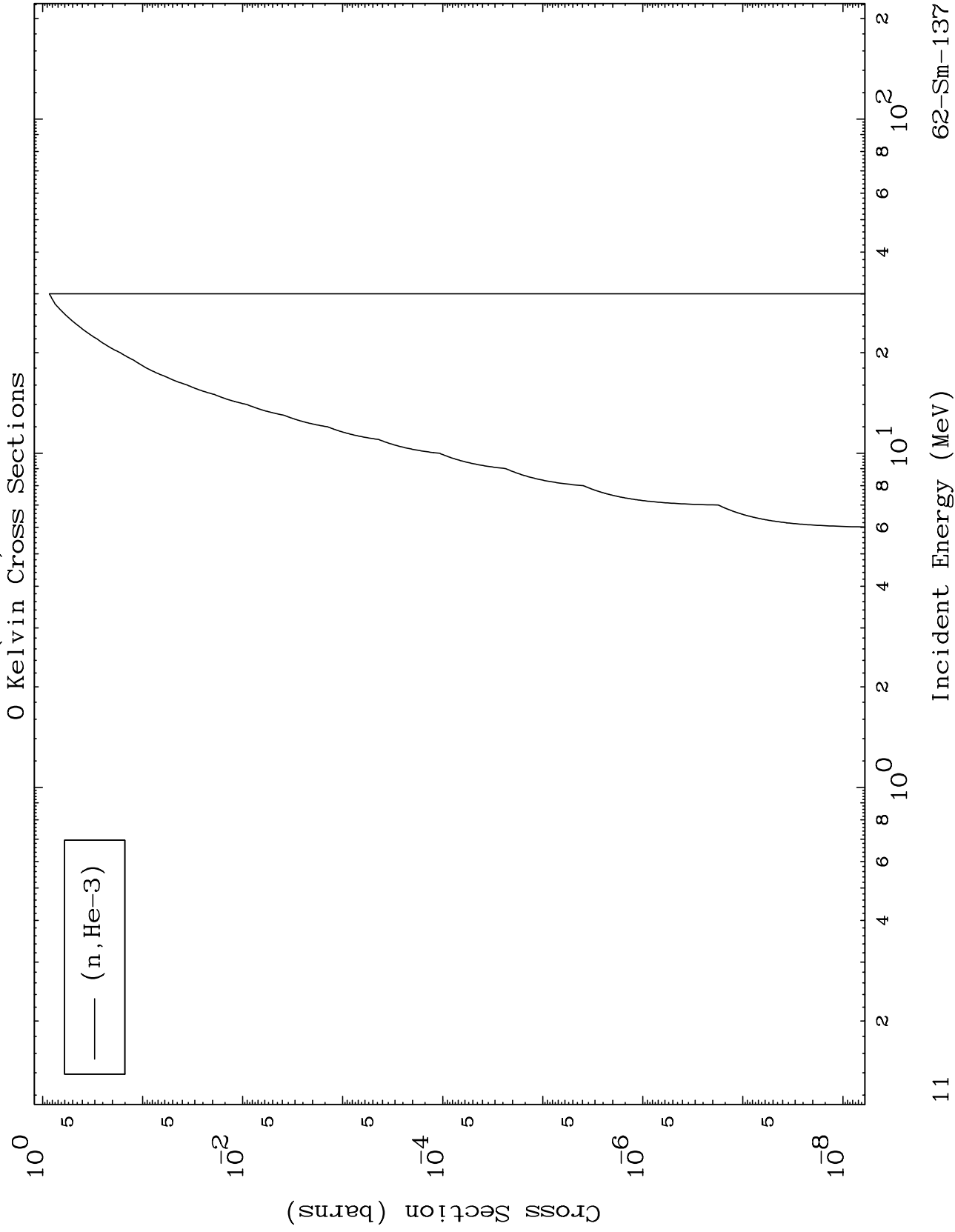
Incident Energy (MeV)

62-Sm-137

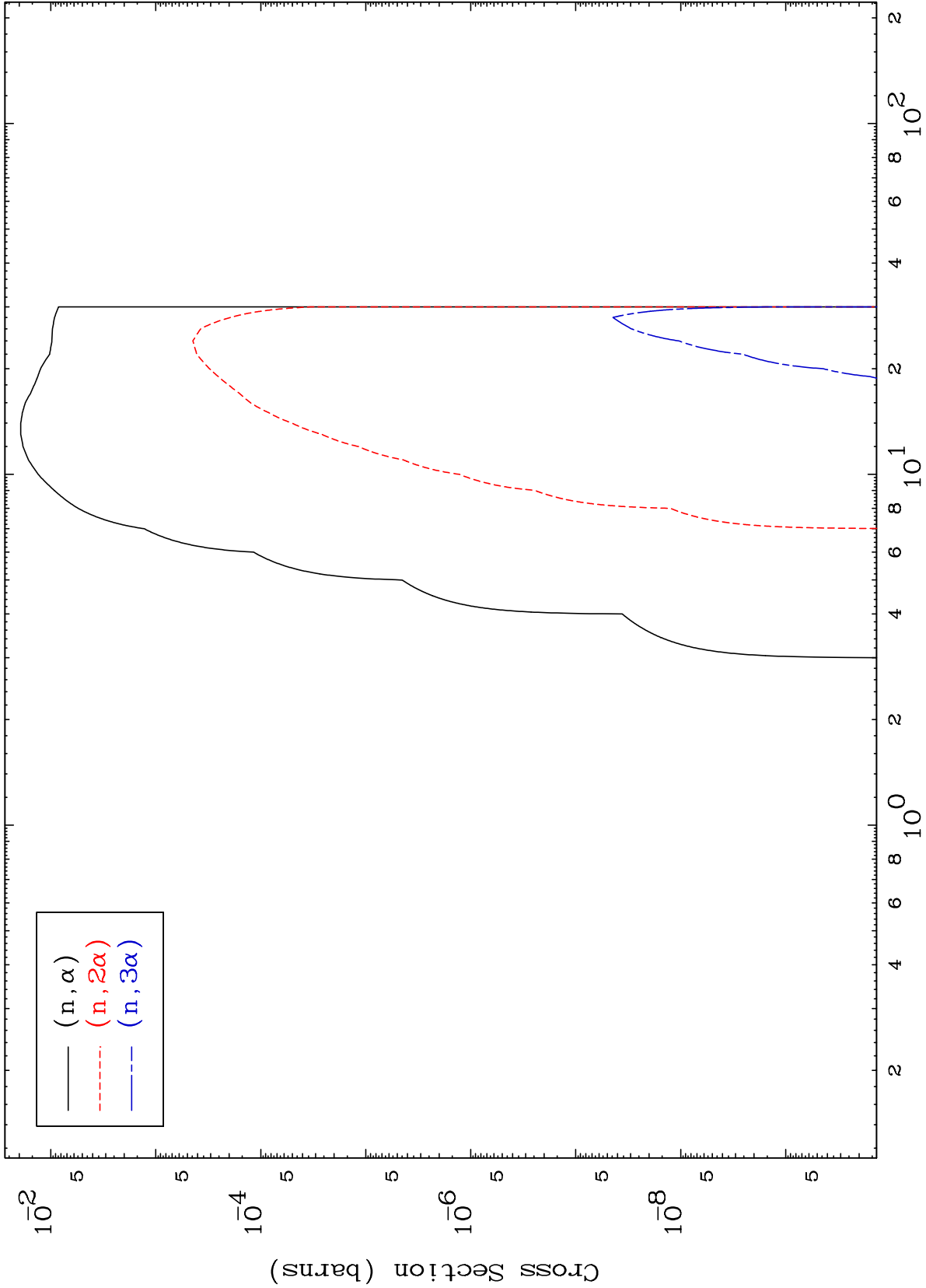
MAT 6204

(t,He3) Levels

62-Sm-137



(t, α) Levels
0 Kelvin Cross Sections

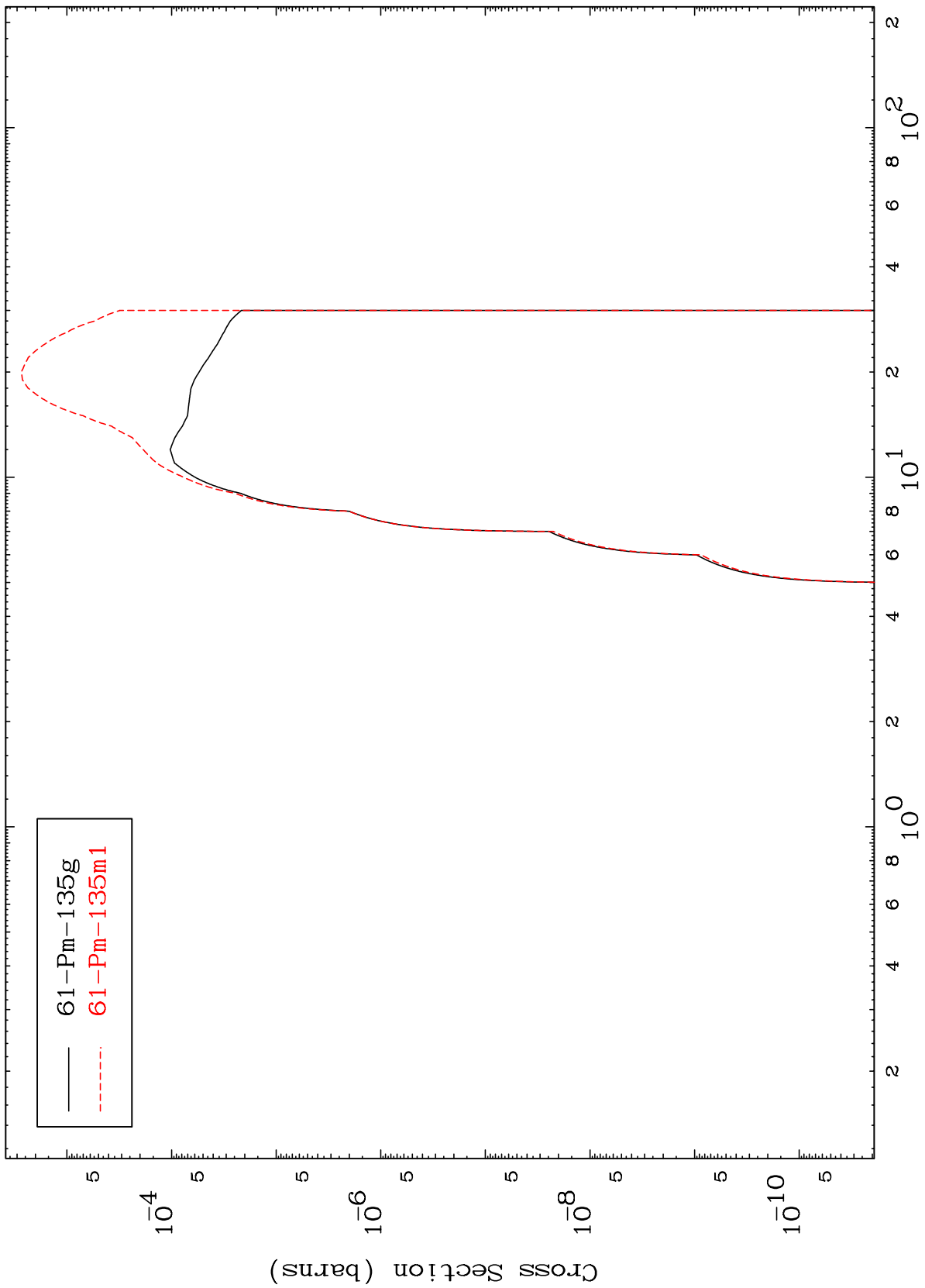


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$(n, n') \alpha$

62-Sm-137

Radionuclide Production Cross Section



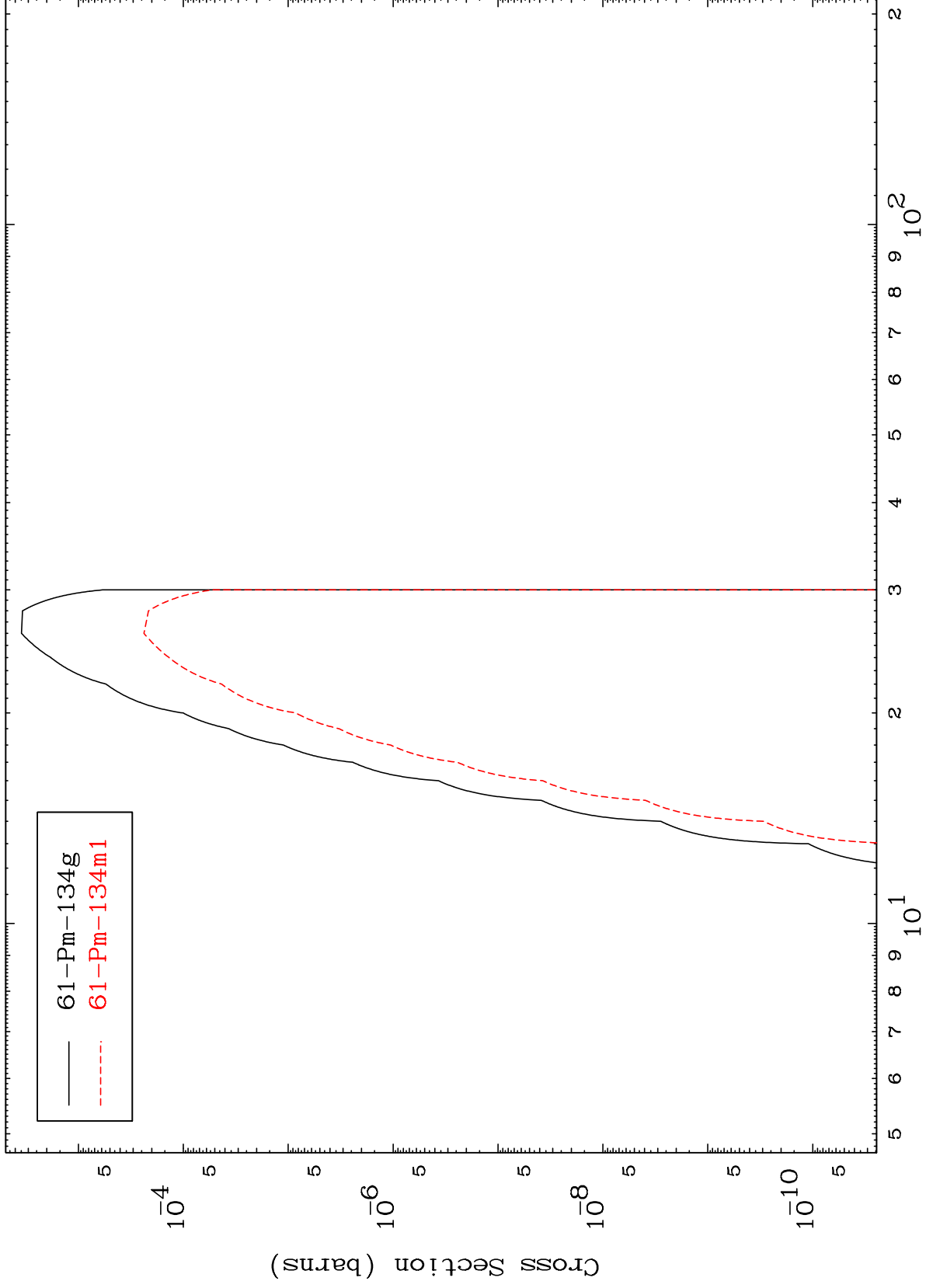
61-Pm-135g
61-Pm-135m1

MAT 6204

$(n,2n) \alpha$

62-Sm-137

Radionuclide Production Cross Section



14

Incident Energy (MeV)

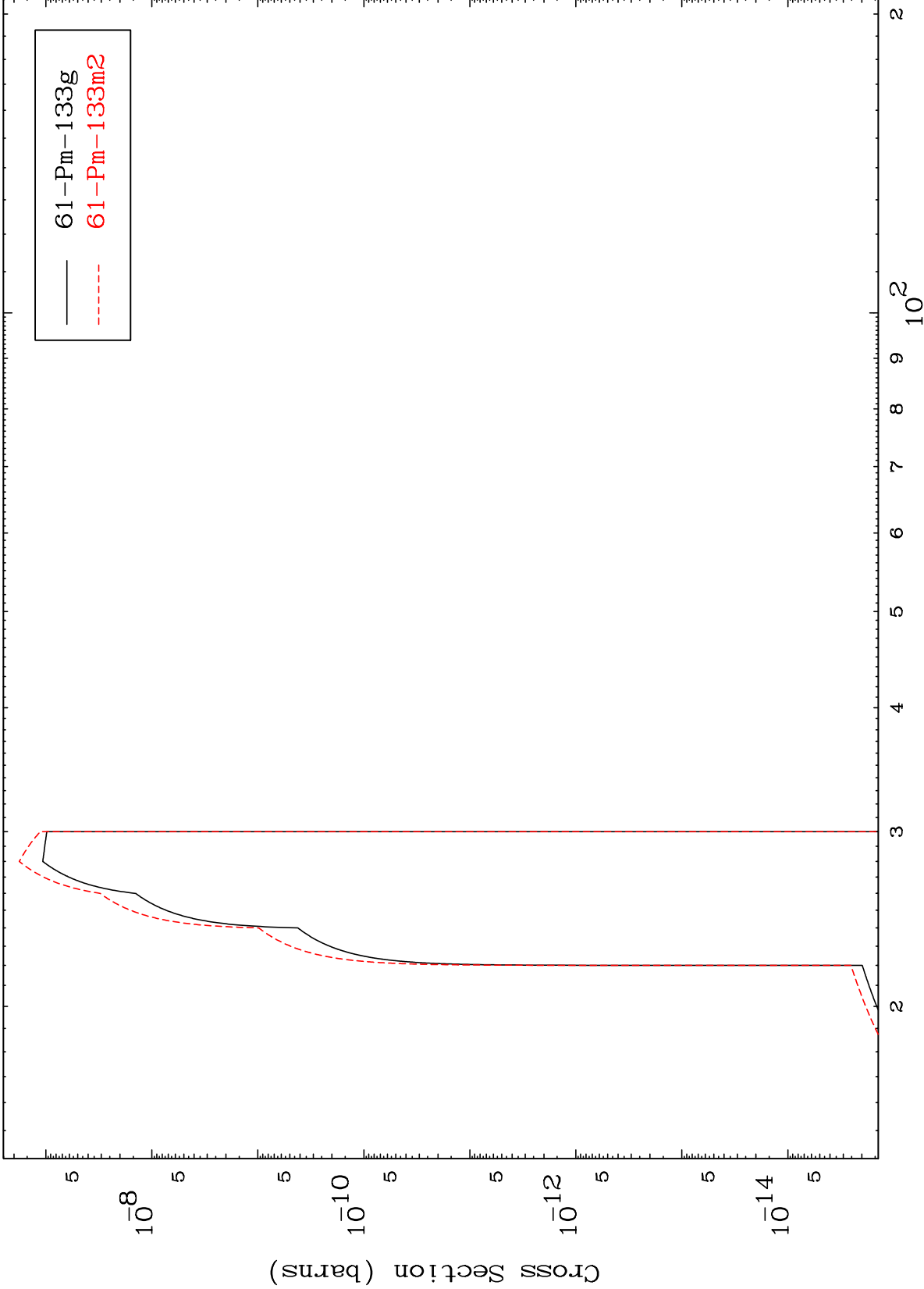
62-Sm-137

MAT 6204

(n,3n) α

62-Sm-137

Radionuclide Production Cross Section



15

Incident Energy (MeV)

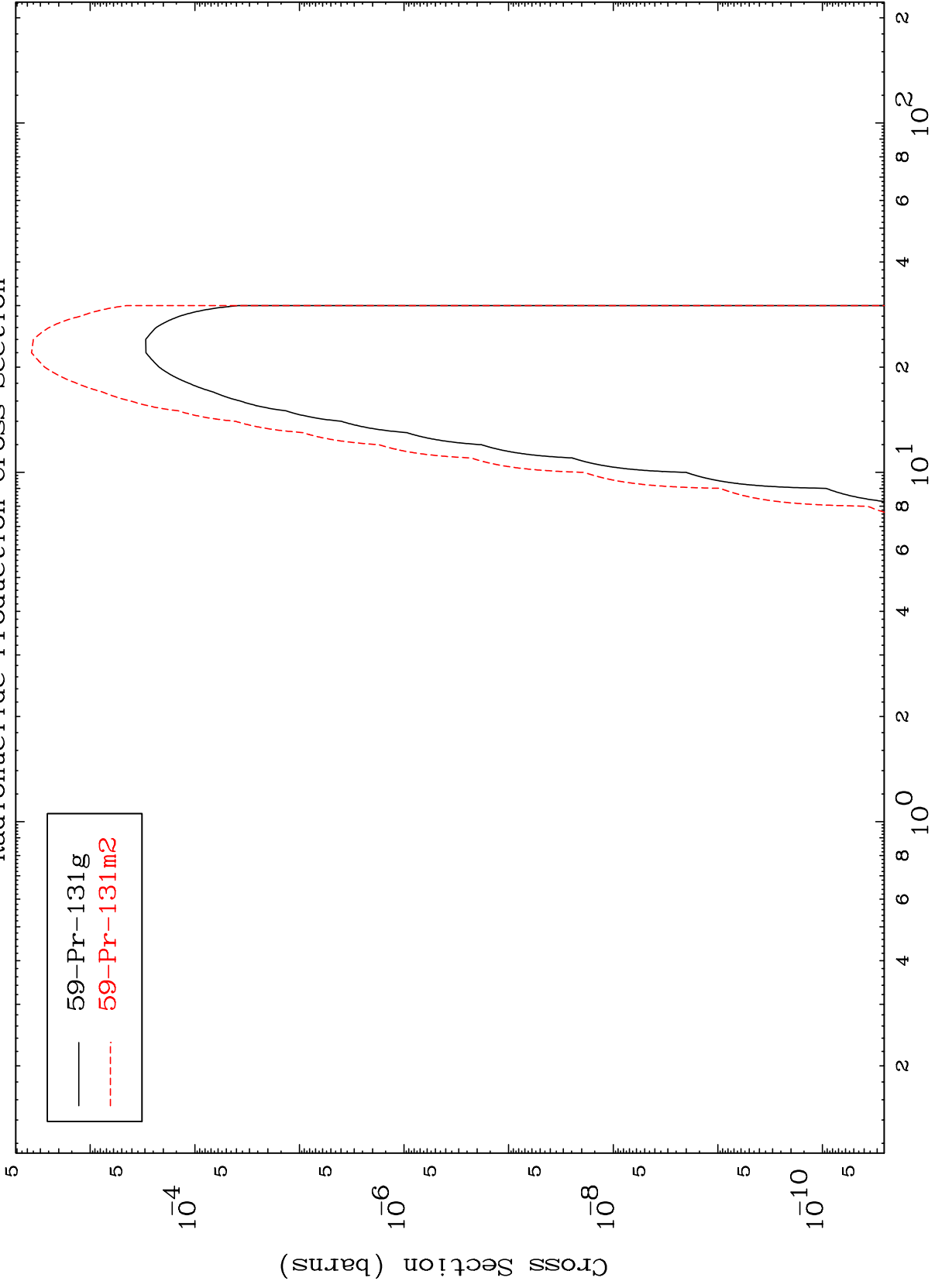
62-Sm-137

MAT 6204

(n,n') 2 α

62-Sm-137

Radionuclide Production Cross Section



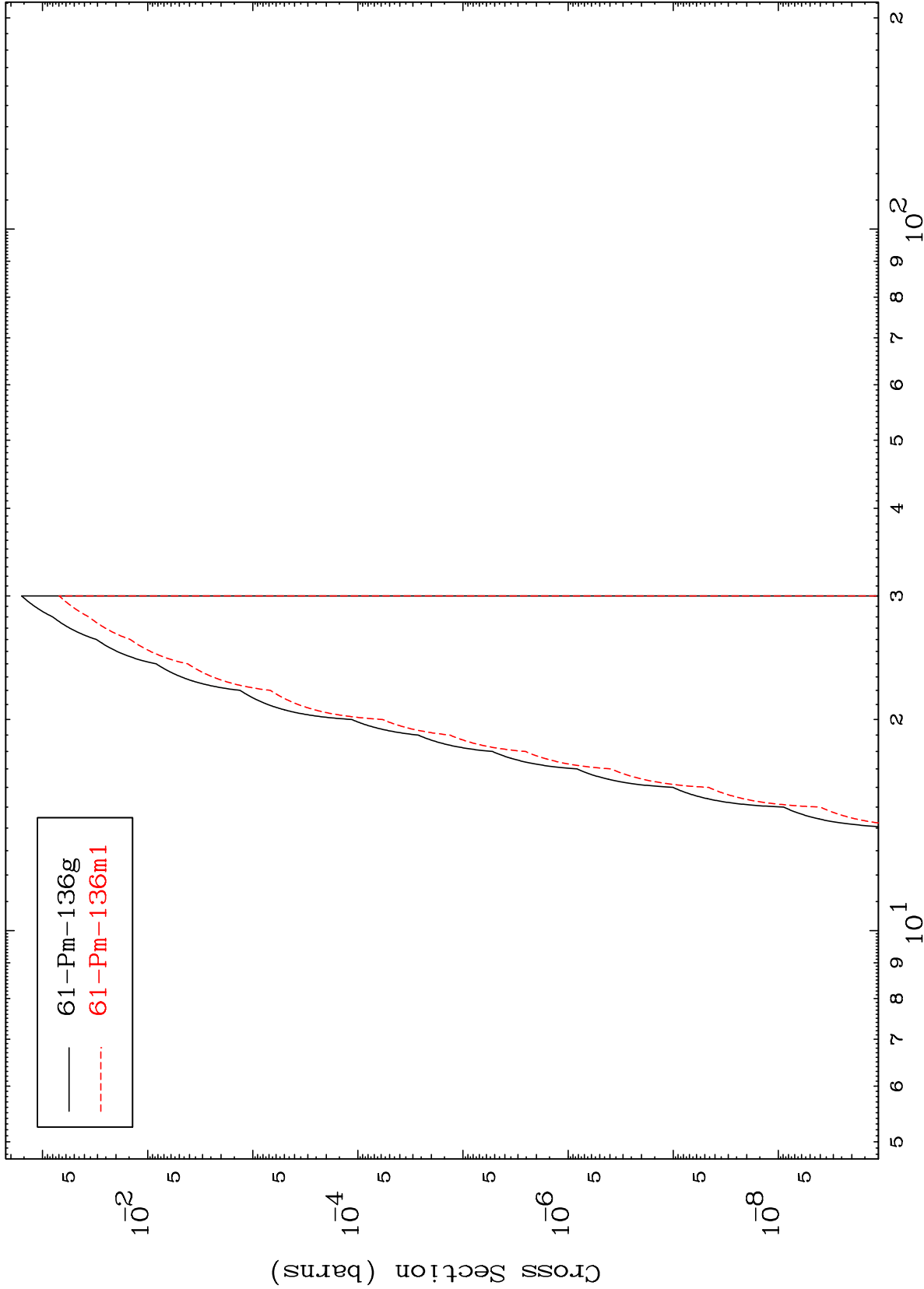
59-Pr-131g
59-Pr-131m2

MAT 6204

(n,n') He-3

62-Sm-137

Radionuclide Production Cross Section



17

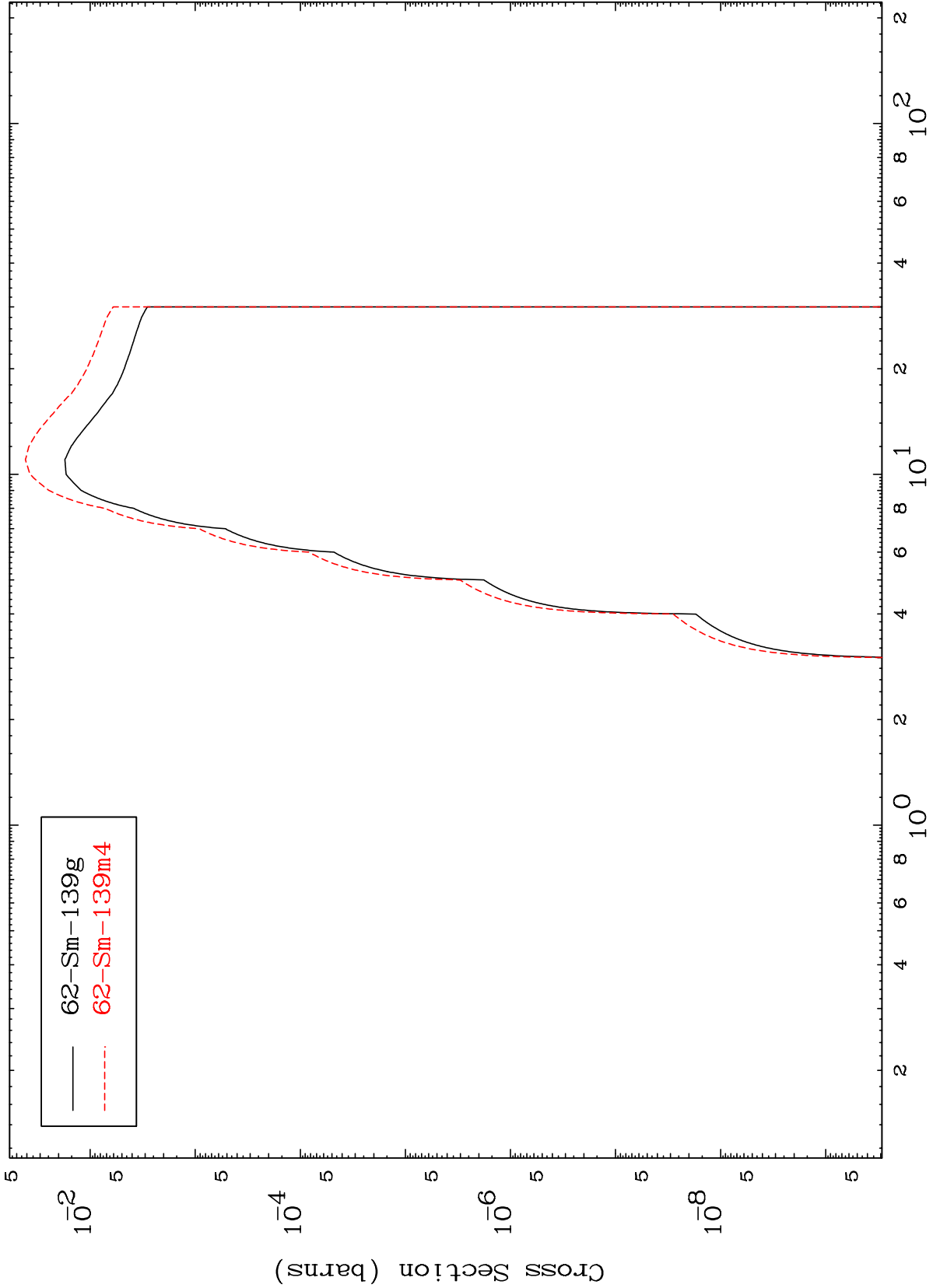
Incident Energy (MeV)

62-Sm-137

MAT 6204

62-Sm-137

(n,p)
Radionuclide Production Cross Section



62-Sm-139g
62-Sm-139m4

62-Sm-137

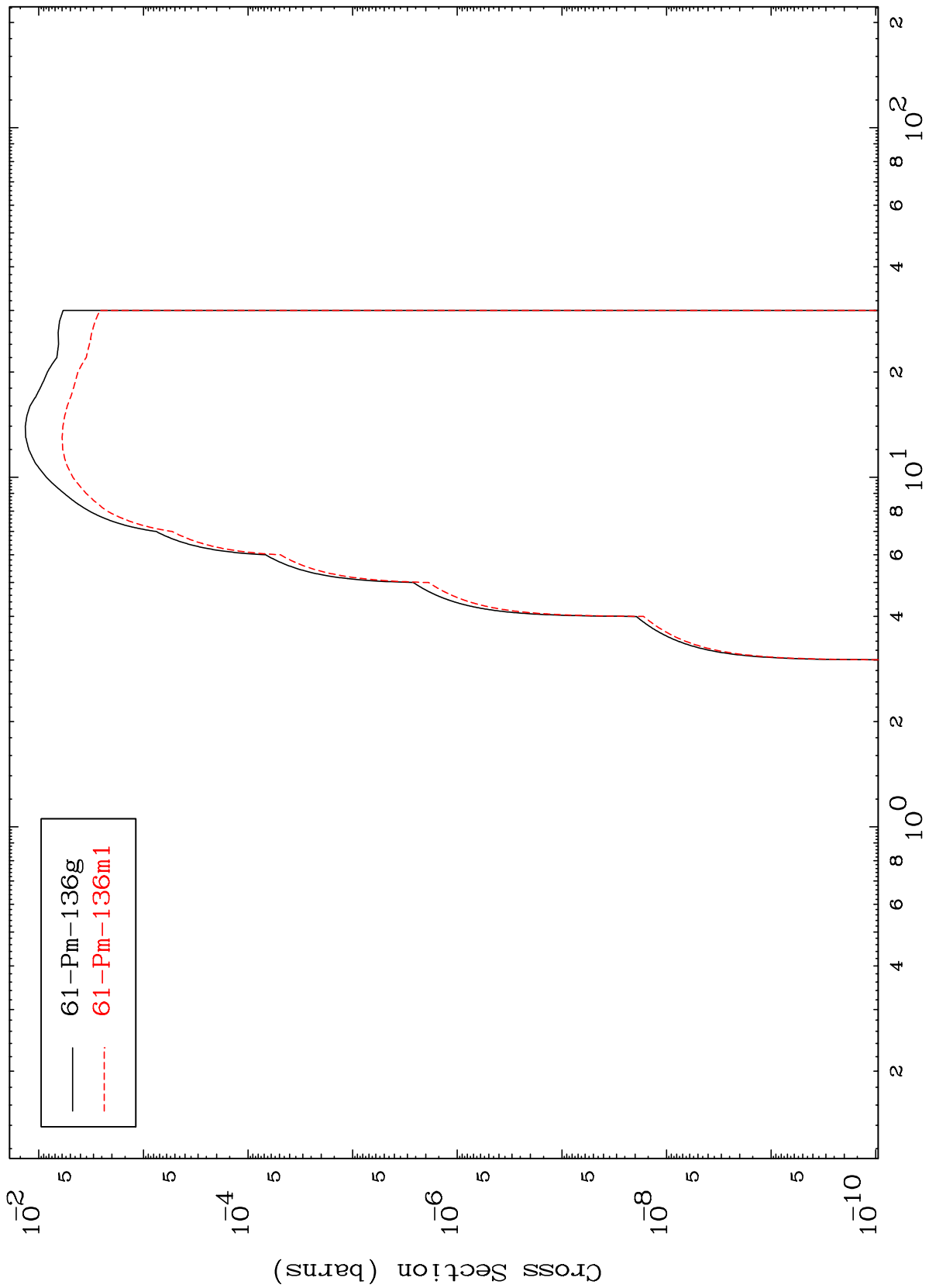
Incident Energy (MeV)

18

MAT 6204

62-Sm-137

(n, α)
Radionuclide Production Cross Section



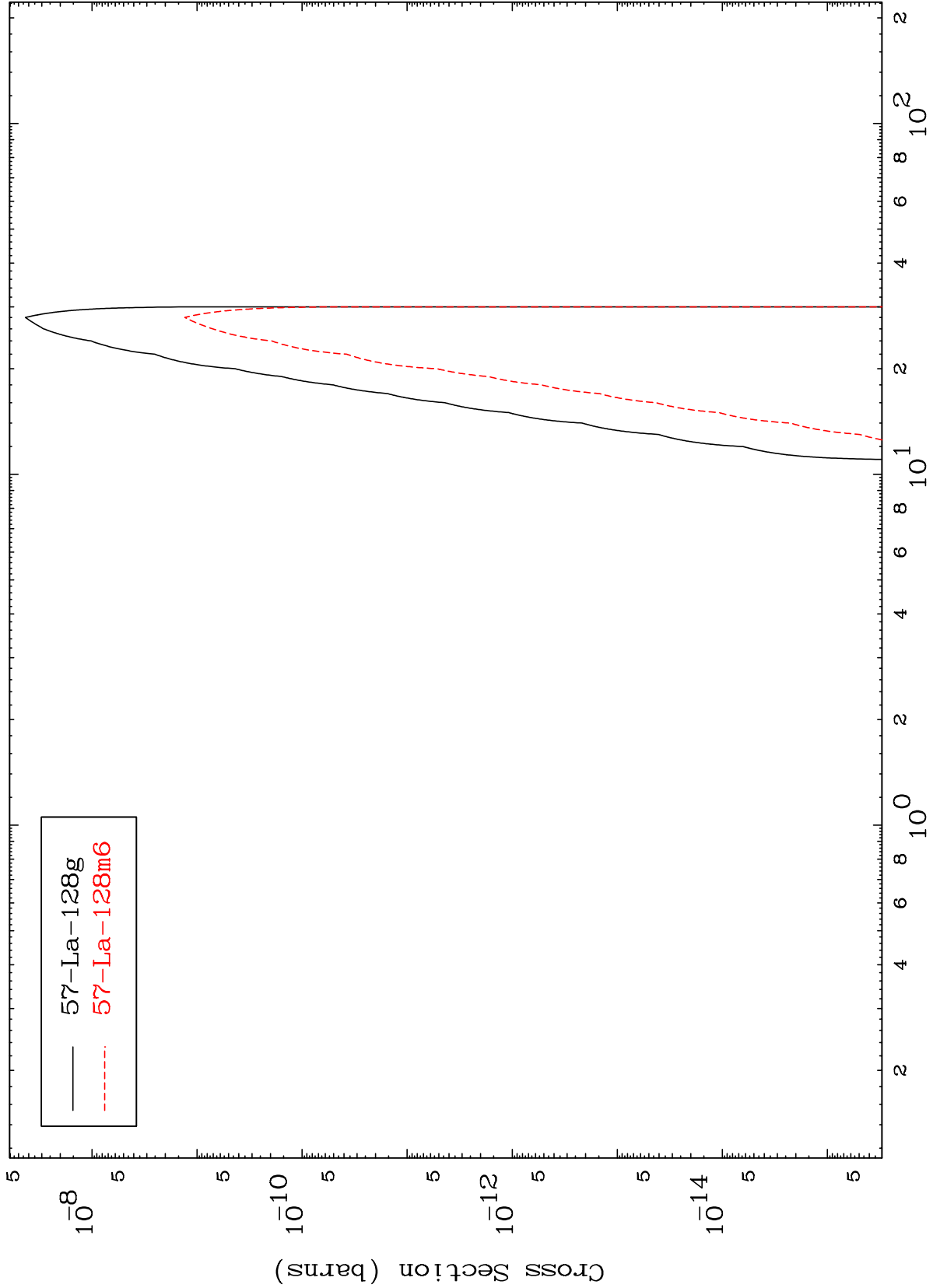
61-Pm-136g
61-Pm-136m1

MAT 6204

(n, 3 α)

62-Sm-137

Radionuclide Production Cross Section



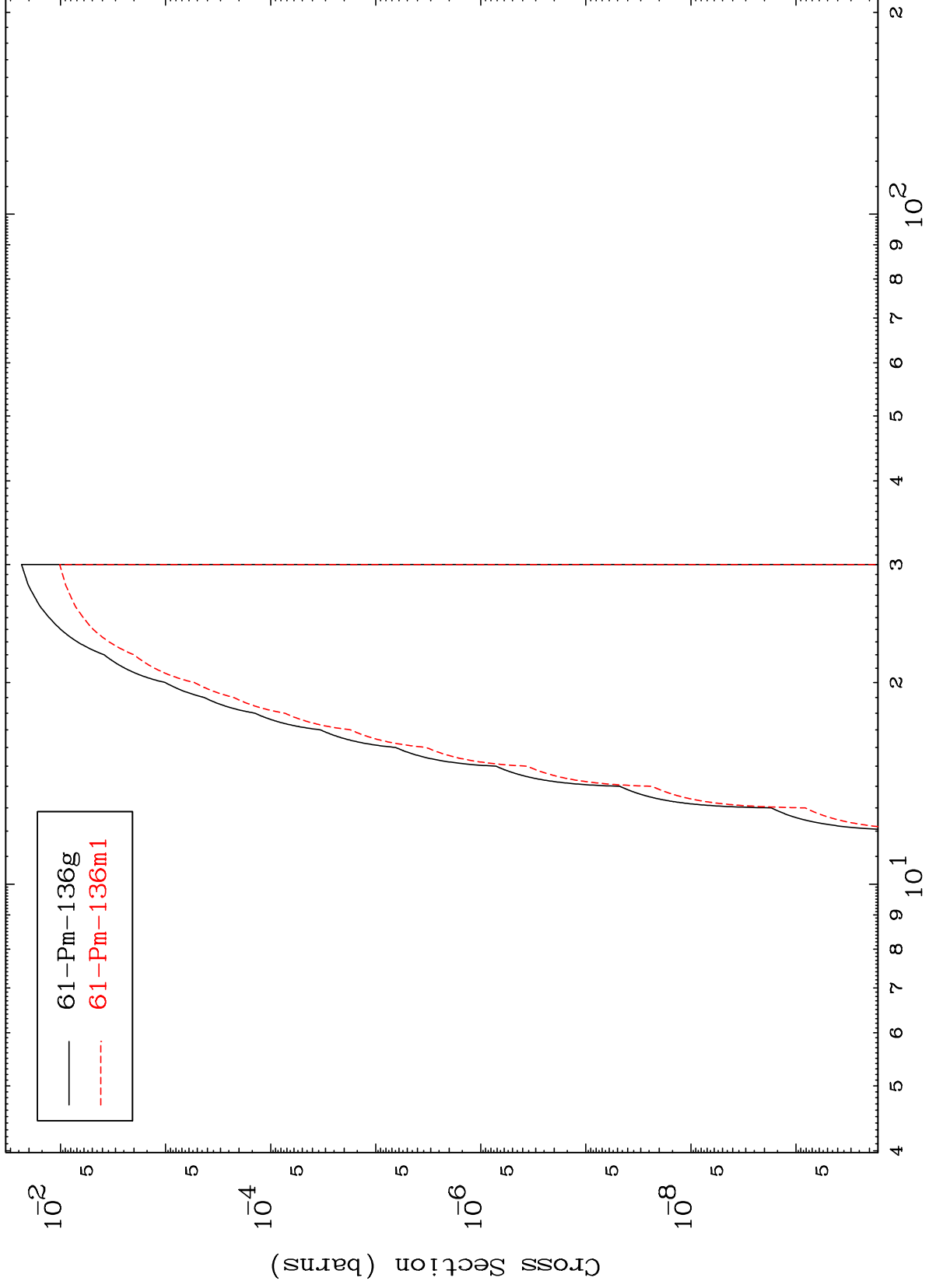
57-La-128g
57-La-128m6

MAT 6204

(n,p) t

62-Sm-137

Radionuclide Production Cross Section



21

Incident Energy (MeV)

62-Sm-137