

Program EVALPLOT
(Version 2017-1)

by

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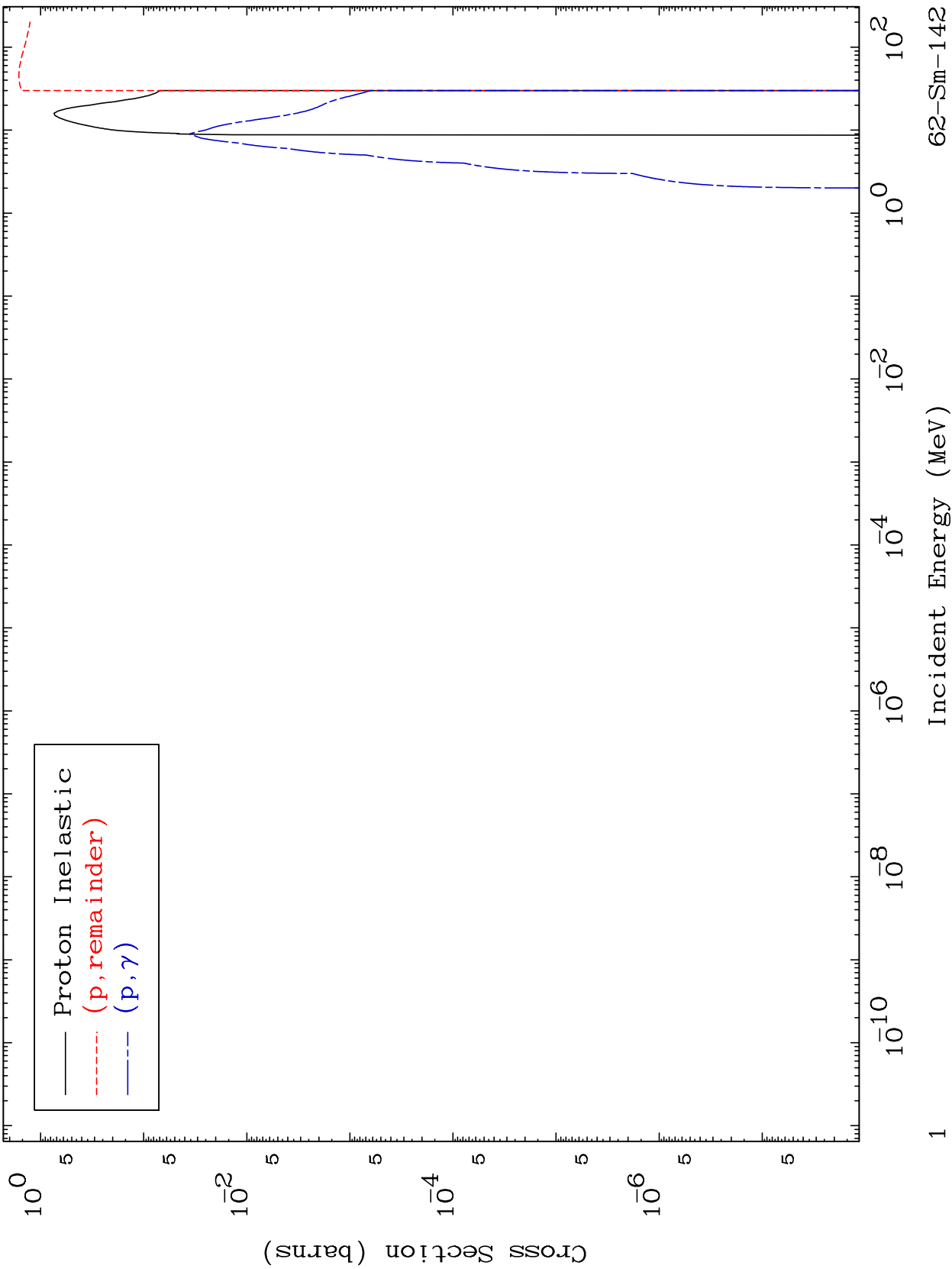
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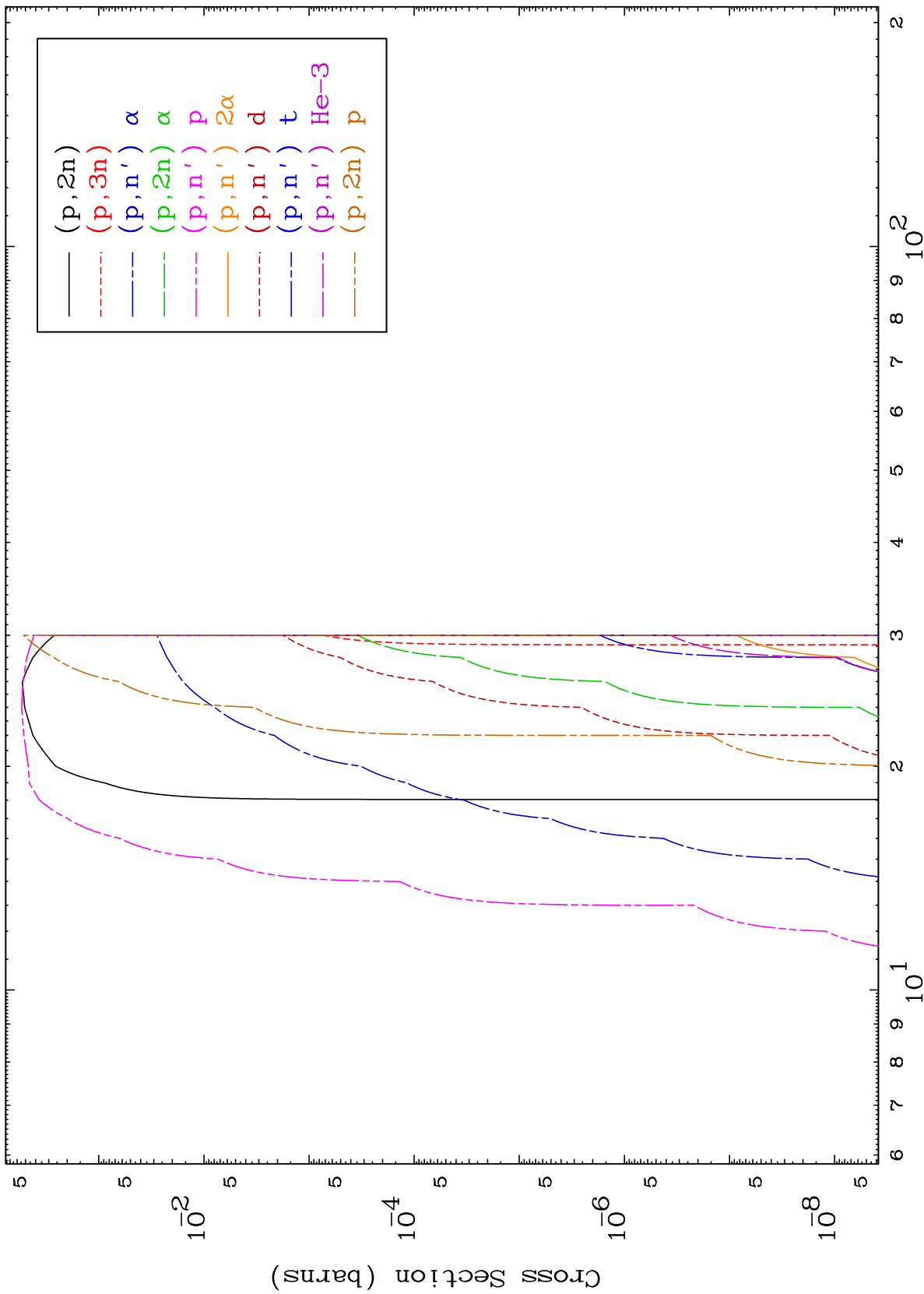
Press Mouse Button to Start

MAT 6219

Proton Major
0 Kelvin Cross Sections

62-Sm-142

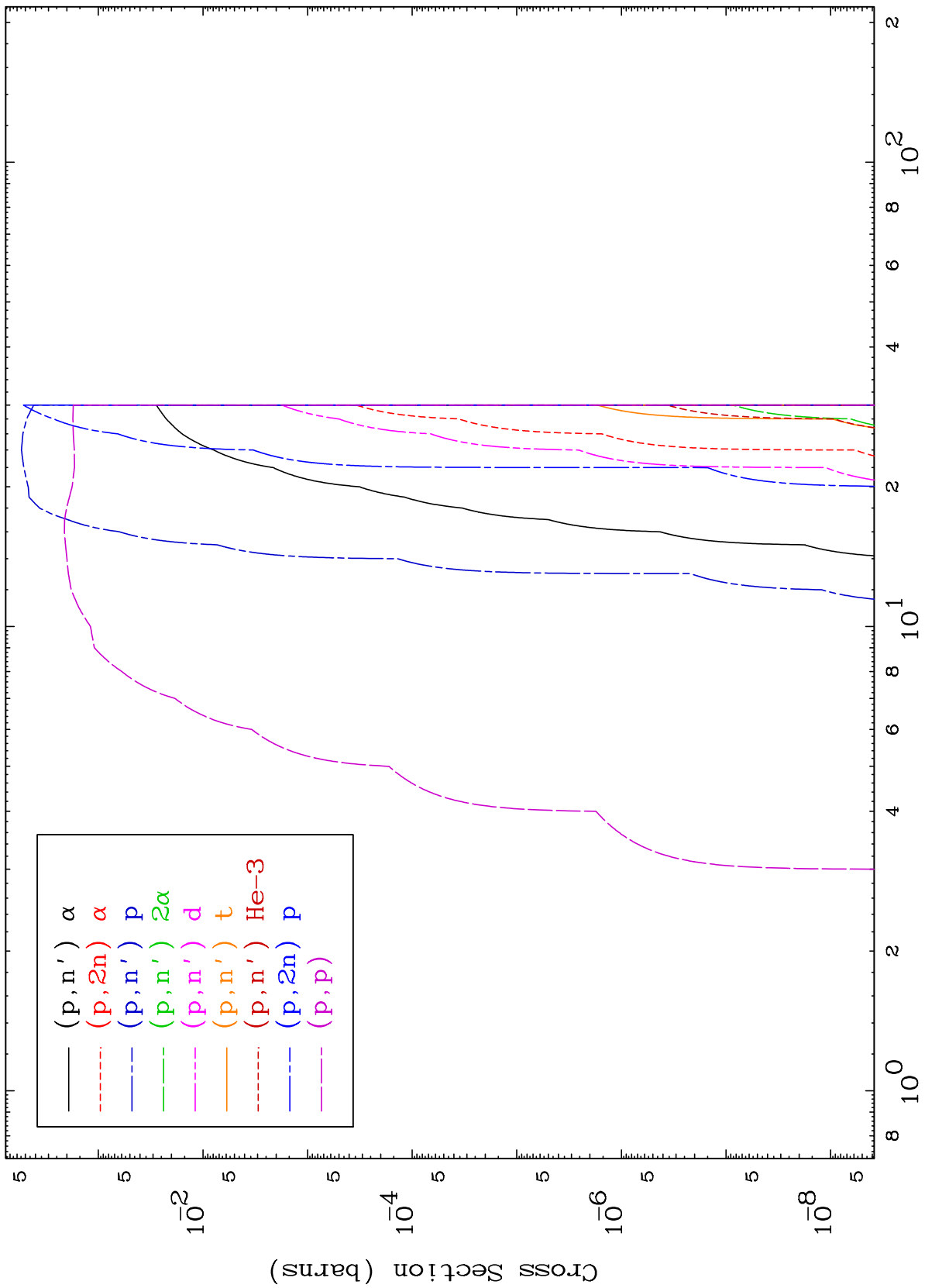




MAT 6219

Proton Charged Particle
0 Kelvin Cross Sections

62-Sm-142



3

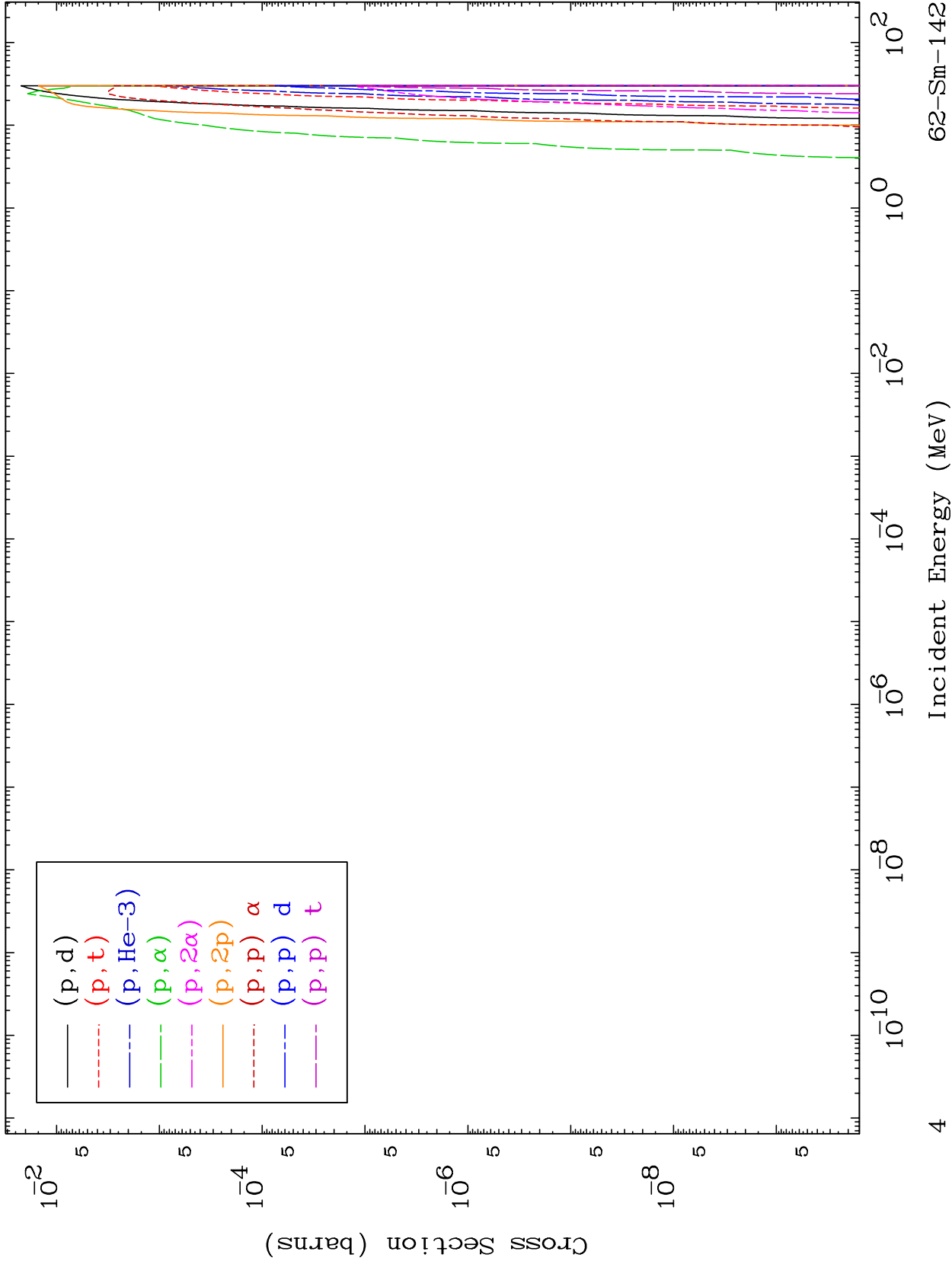
Incident Energy (MeV)

62-Sm-142

MAT 6219

Proton Charged Particle
0 Kelvin Cross Sections

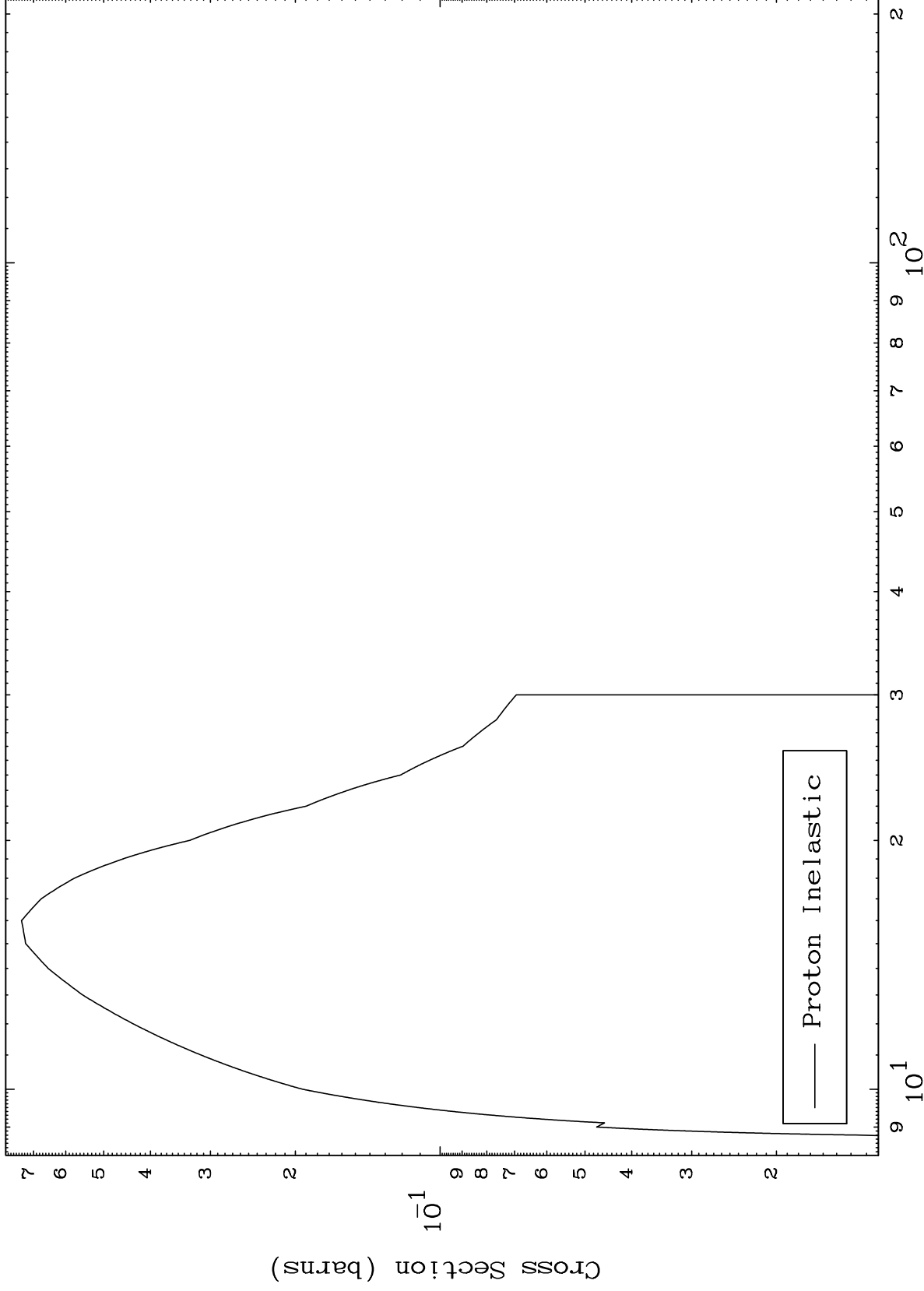
62-Sm-142



MAT 6219

(p,n') Level
0 Kelvin Cross Sections

62-Sm-142



— Proton Inelastic

5

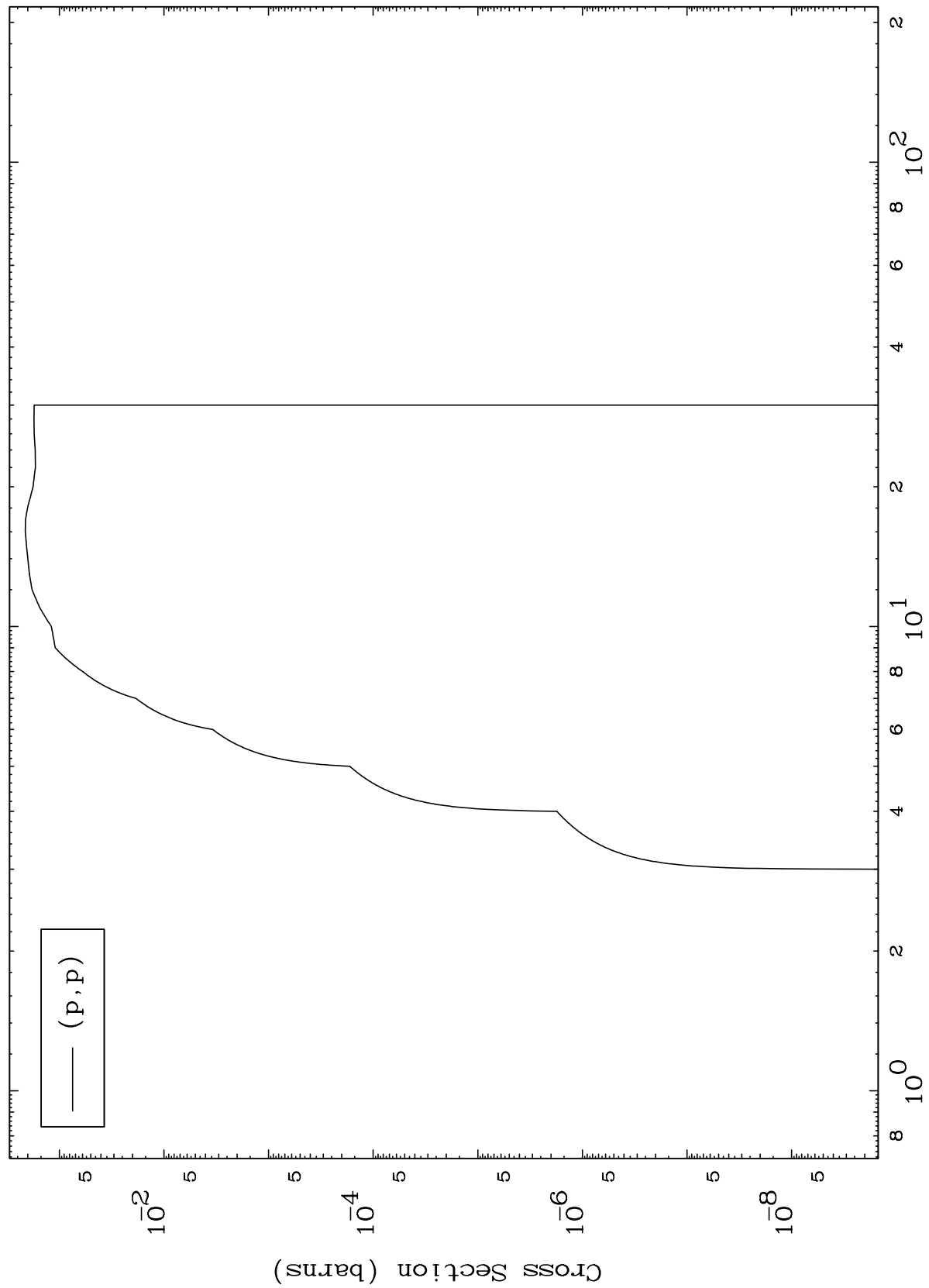
Incident Energy (MeV)

62-Sm-142

MAT 6219

62-Sm-142

(p,p) Levels
0 Kelvin Cross Sections



62-Sm-142

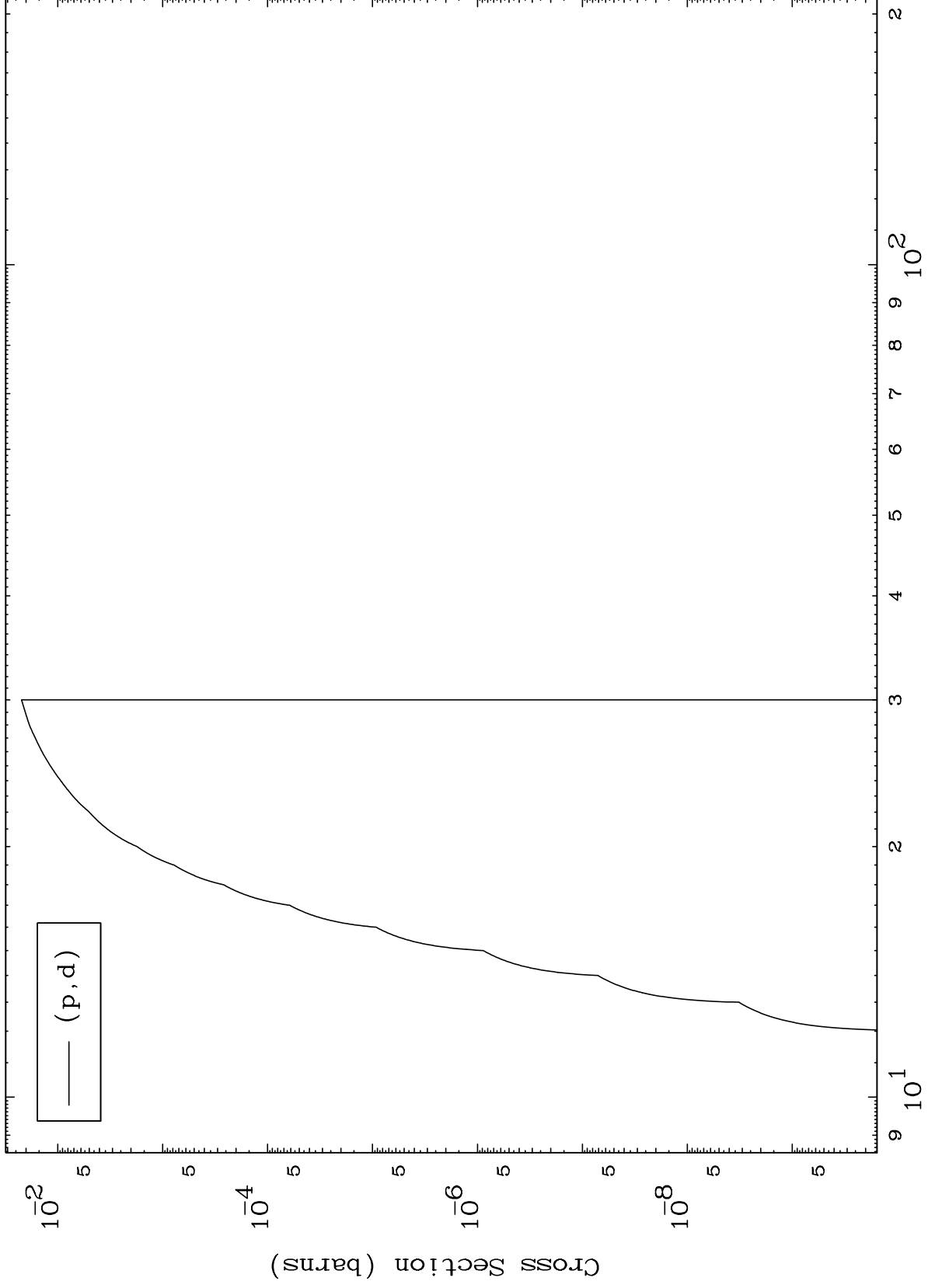
Incident Energy (MeV)

6

MAT 6219

(p,d) Levels
0 Kelvin Cross Sections

62-Sm-142



Incident Energy (MeV)

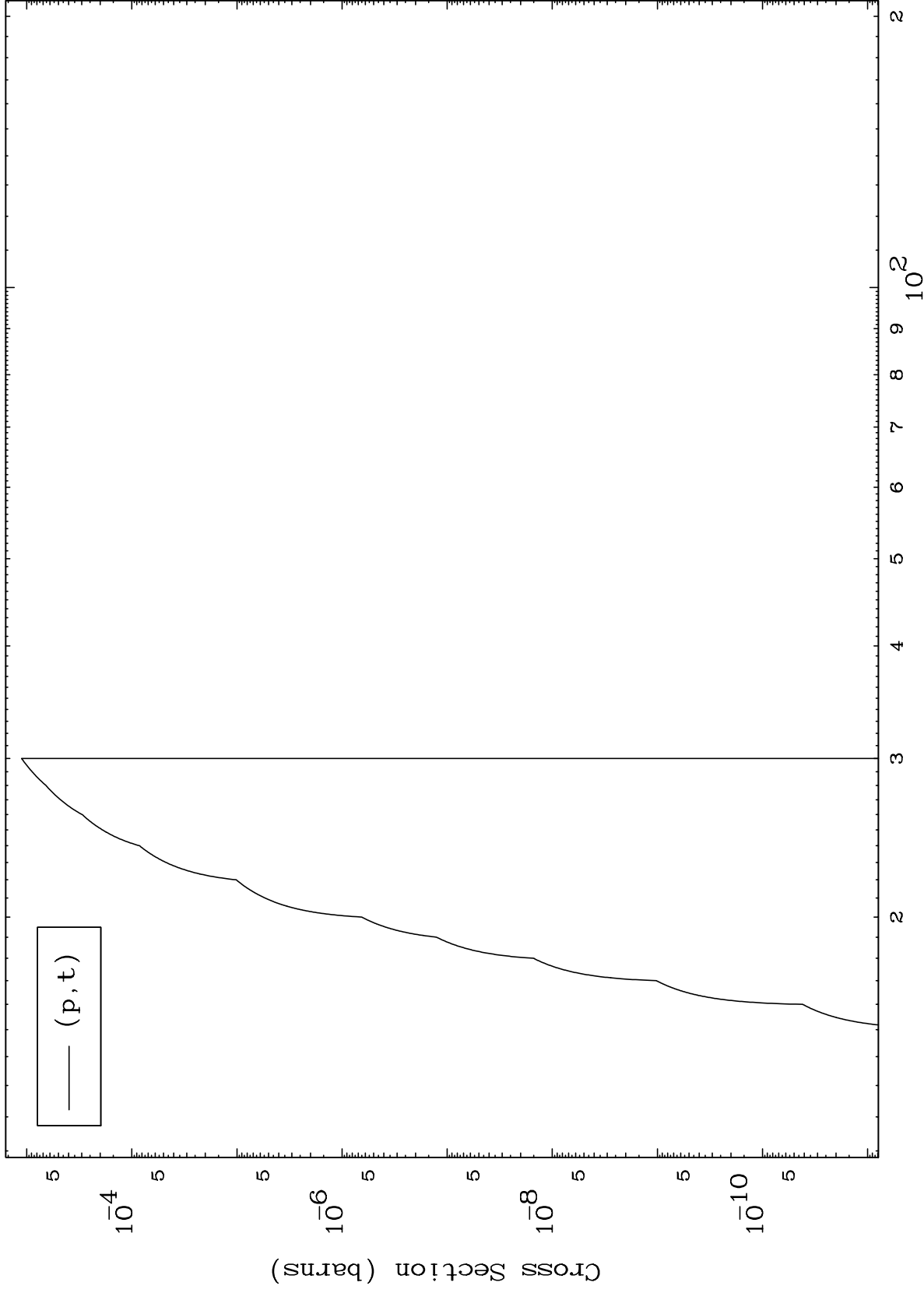
62-Sm-142

7

MAT 6219

(p,t) Levels
0 Kelvin Cross Sections

62-Sm-142



8

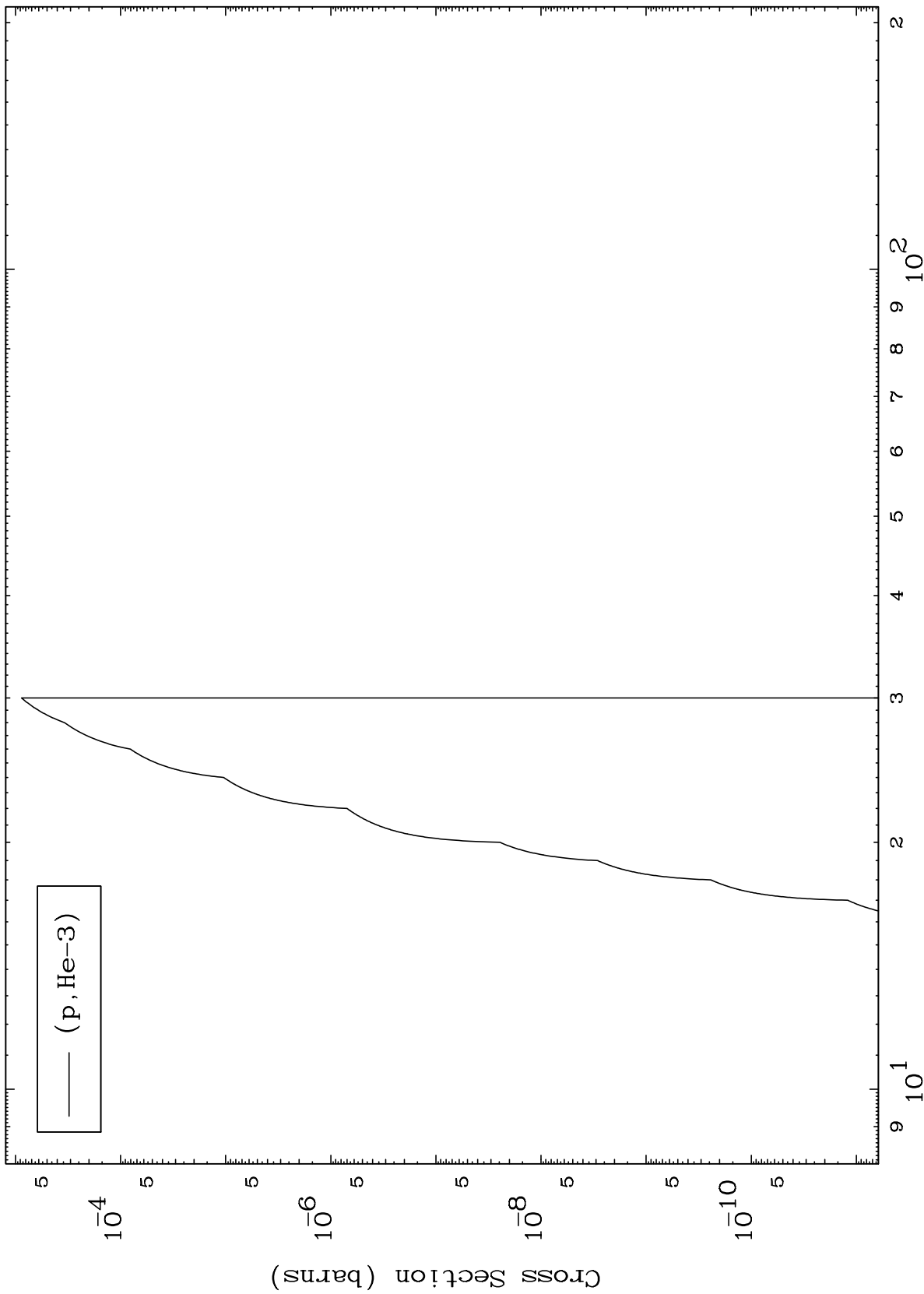
Incident Energy (MeV)

62-Sm-142

MAT 6219

62-Sm-142

(p,He3) Levels
0 Kelvin Cross Sections



9

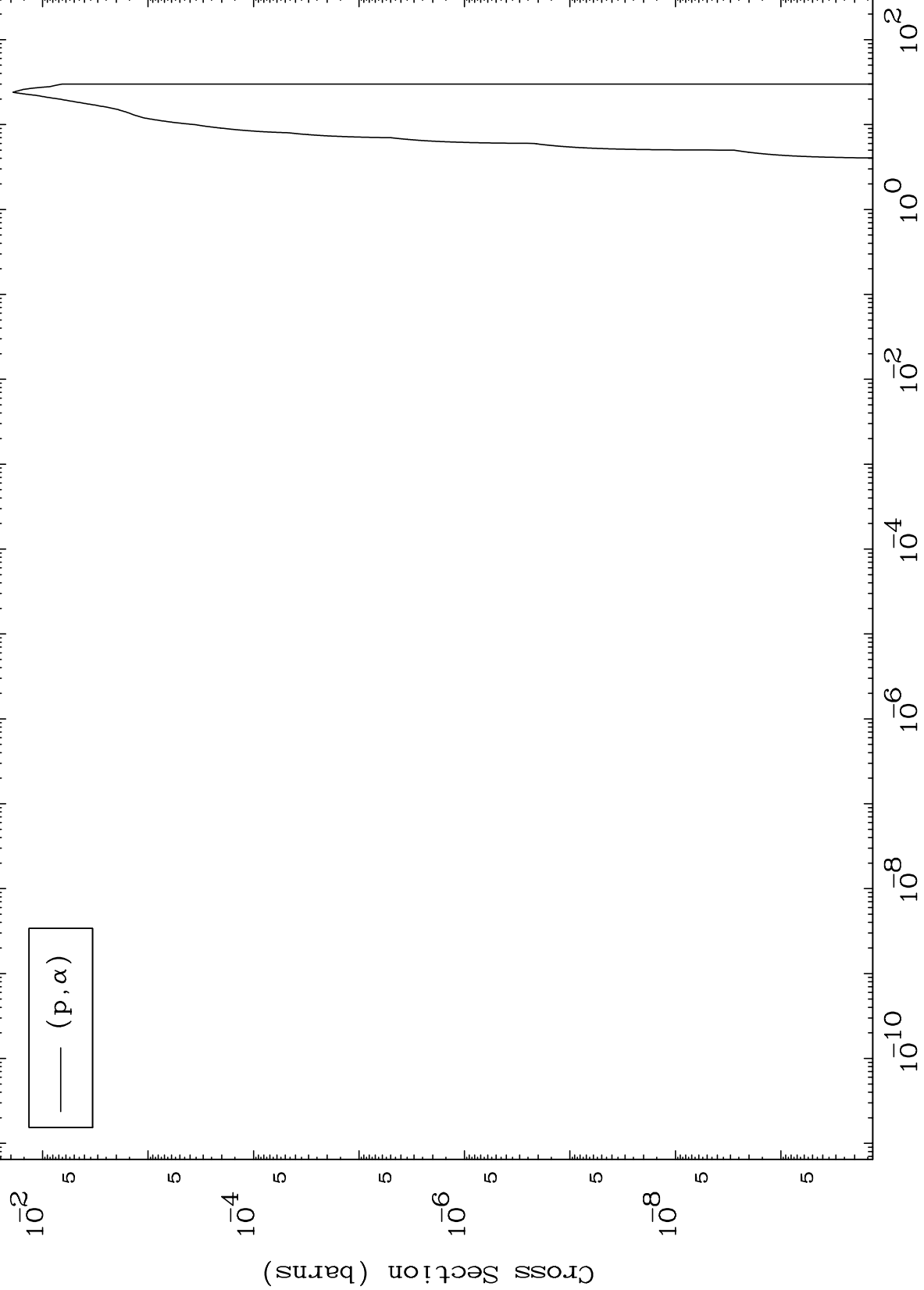
Incident Energy (MeV)

62-Sm-142

MAT 6219

(p, α) Levels
0 Kelvin Cross Sections

62-Sm-142



10

Incident Energy (MeV)

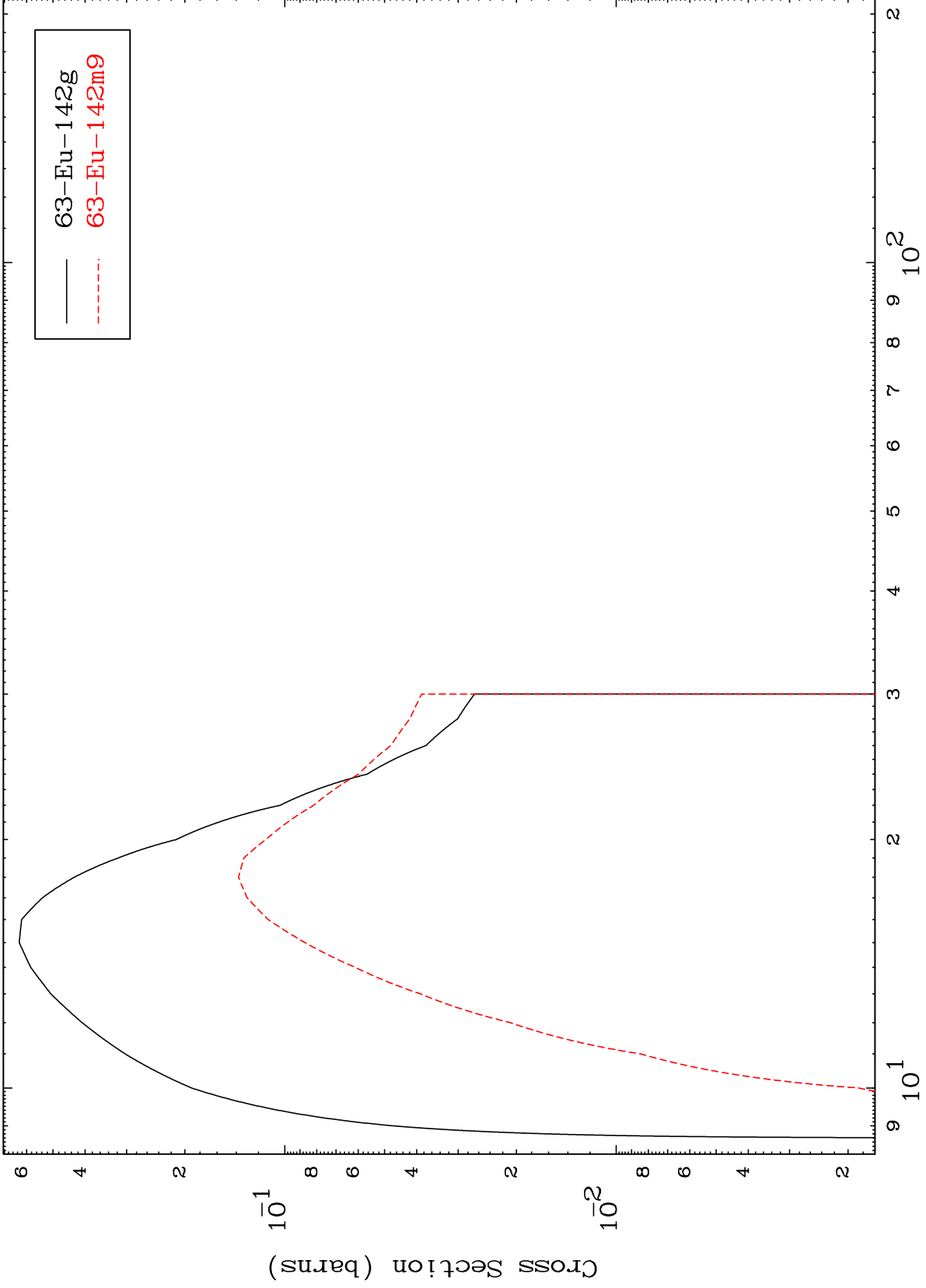
62-Sm-142

MAT 6219

Proton Inelastic

62-Sm-142

Radionuclide Production Cross Section



11

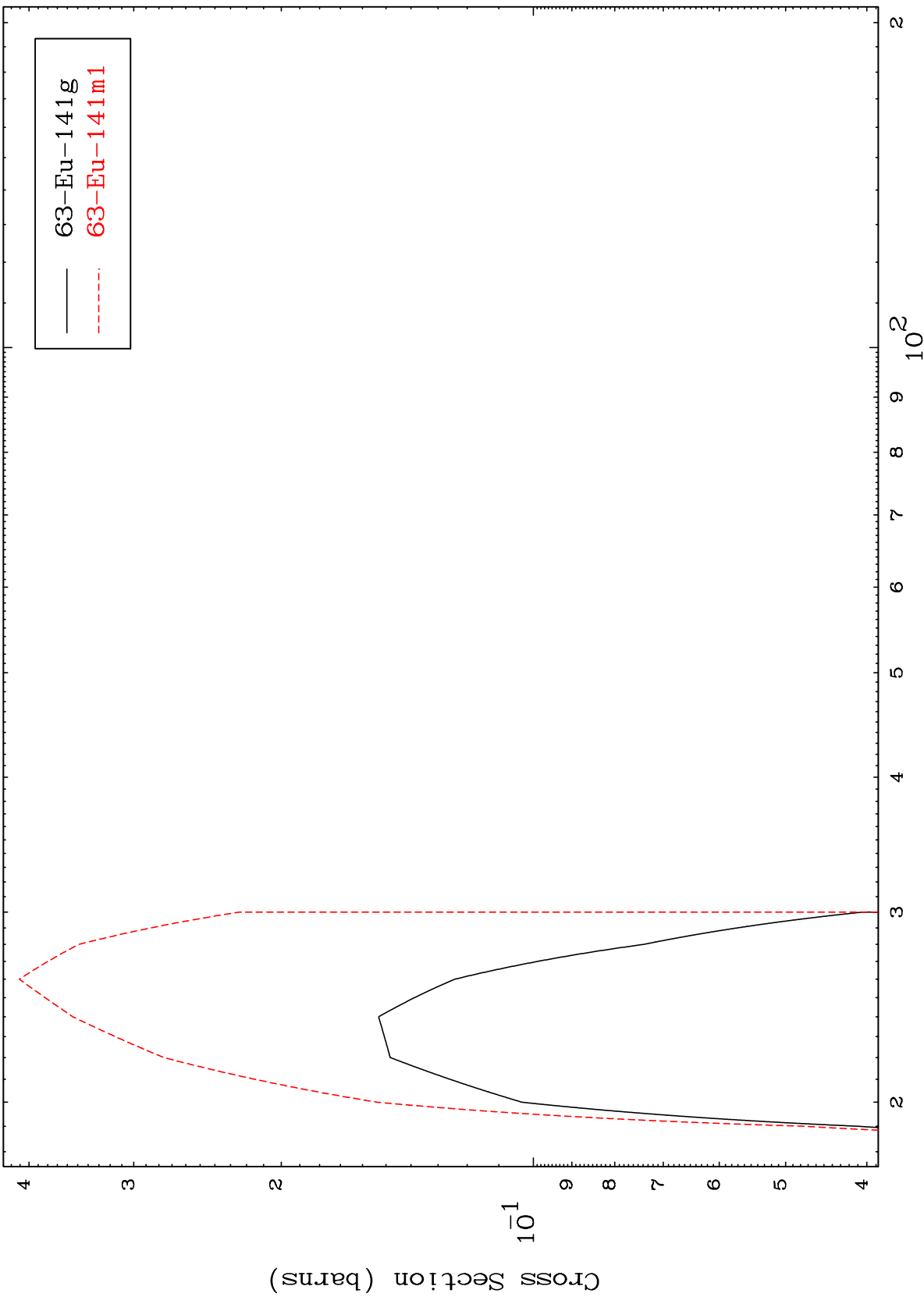
Incident Energy (MeV)

62-Sm-142

MAT 6219

62-Sm-142

(p,2n)
Radionuclide Production Cross Section



62-Sm-142

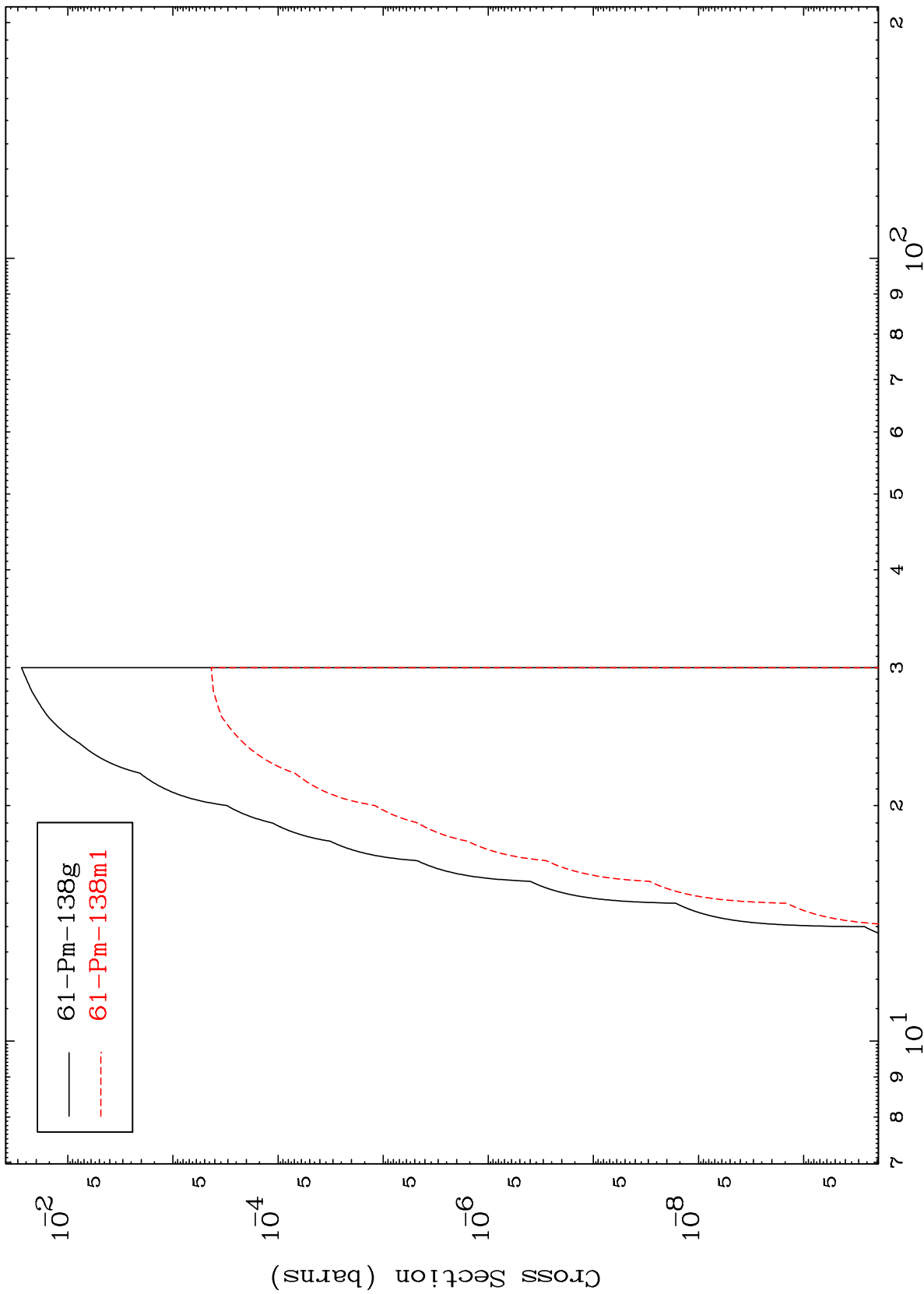
Incident Energy (MeV)

12

MAT 6219

62-Sm-142

(p,n') α
Radionuclide Production Cross Section



13

Incident Energy (MeV)

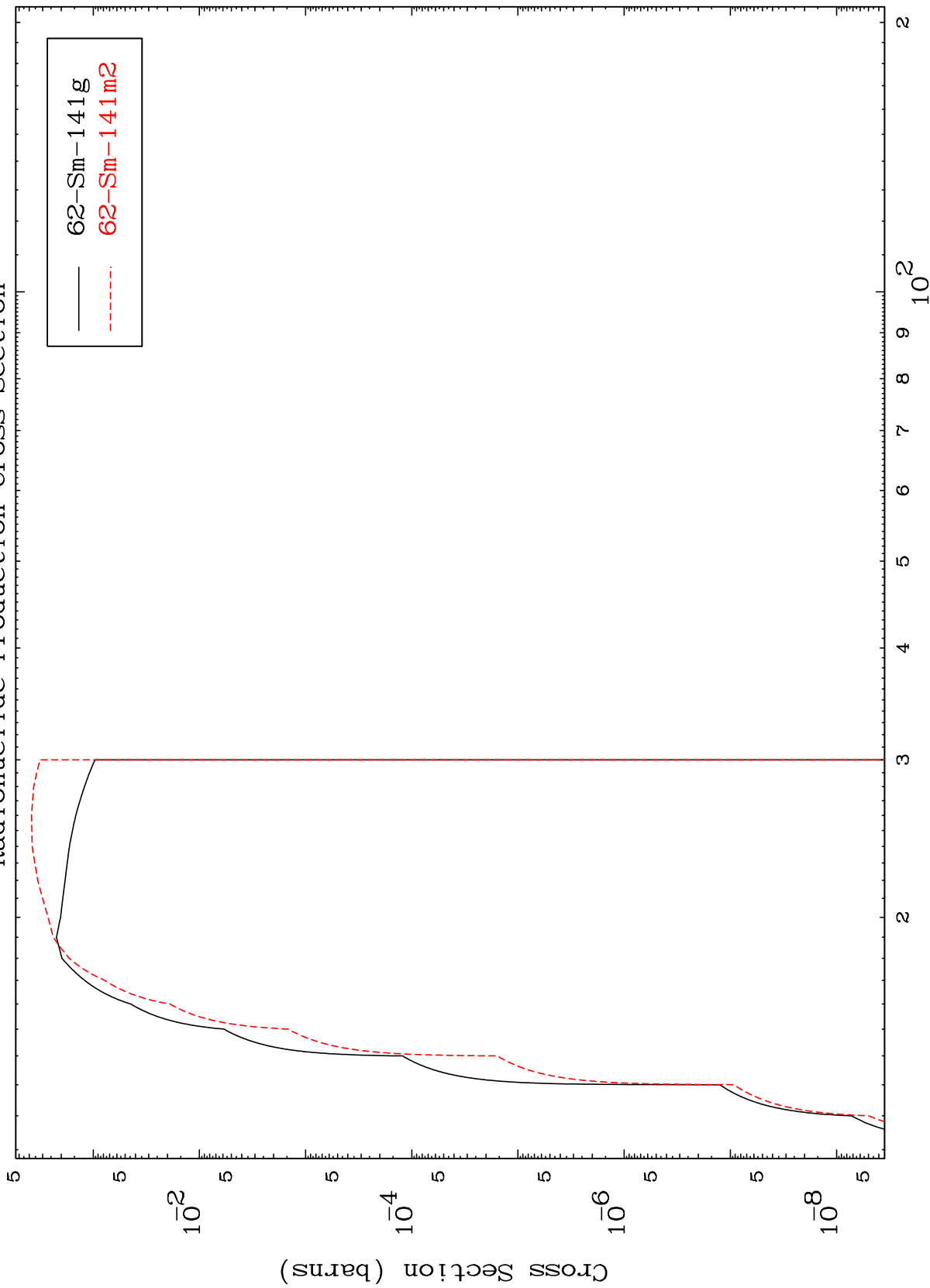
62-Sm-142

MAT 6219

(p,n') p

62-Sm-142

Radionuclide Production Cross Section



14

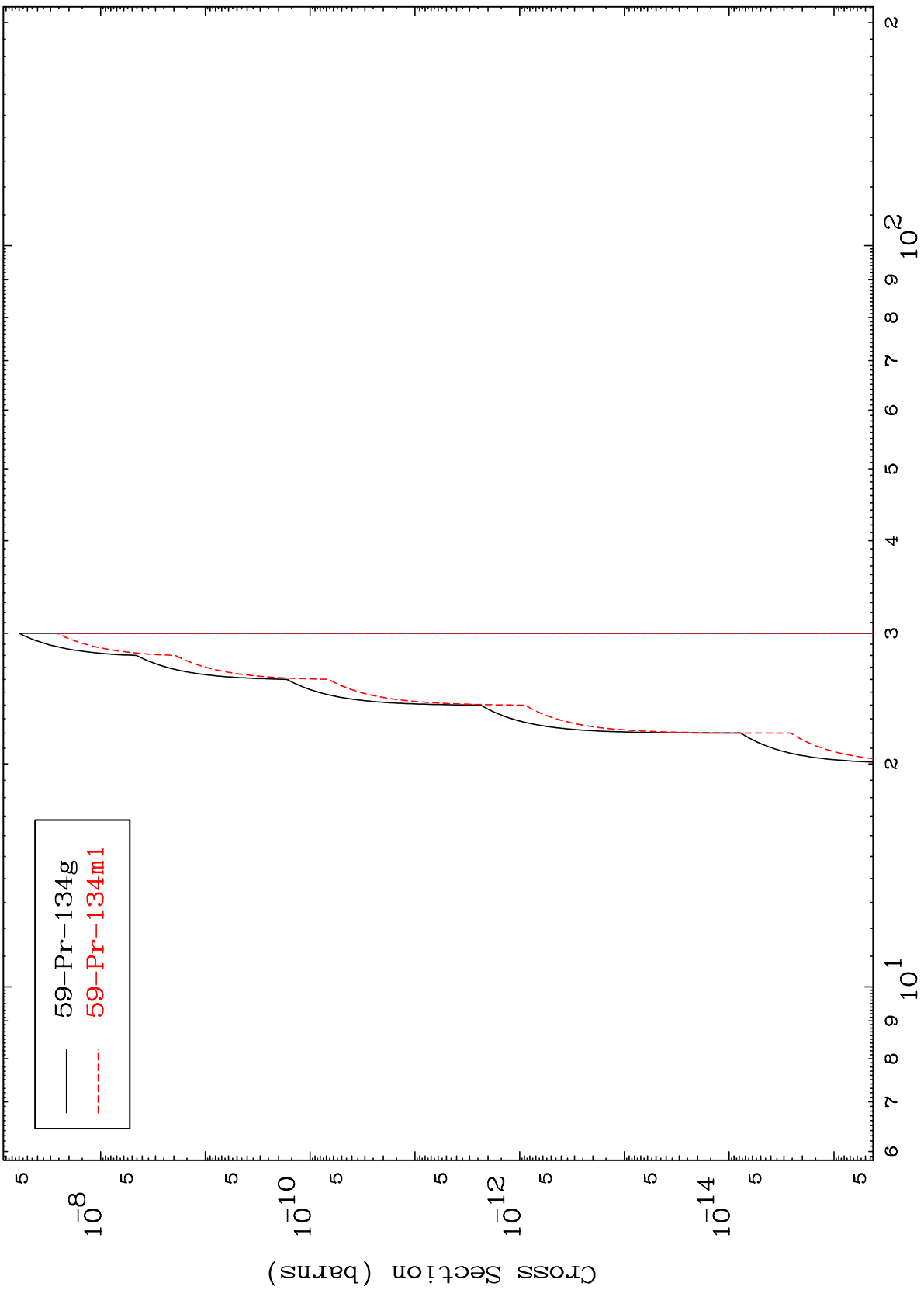
Incident Energy (MeV)

62-Sm-142

MAT 6219

62-Sm-142

(p,n') 2α
Radionuclide Production Cross Section



59-Pr-134g
59-Pr-134m1

15

Incident Energy (MeV)

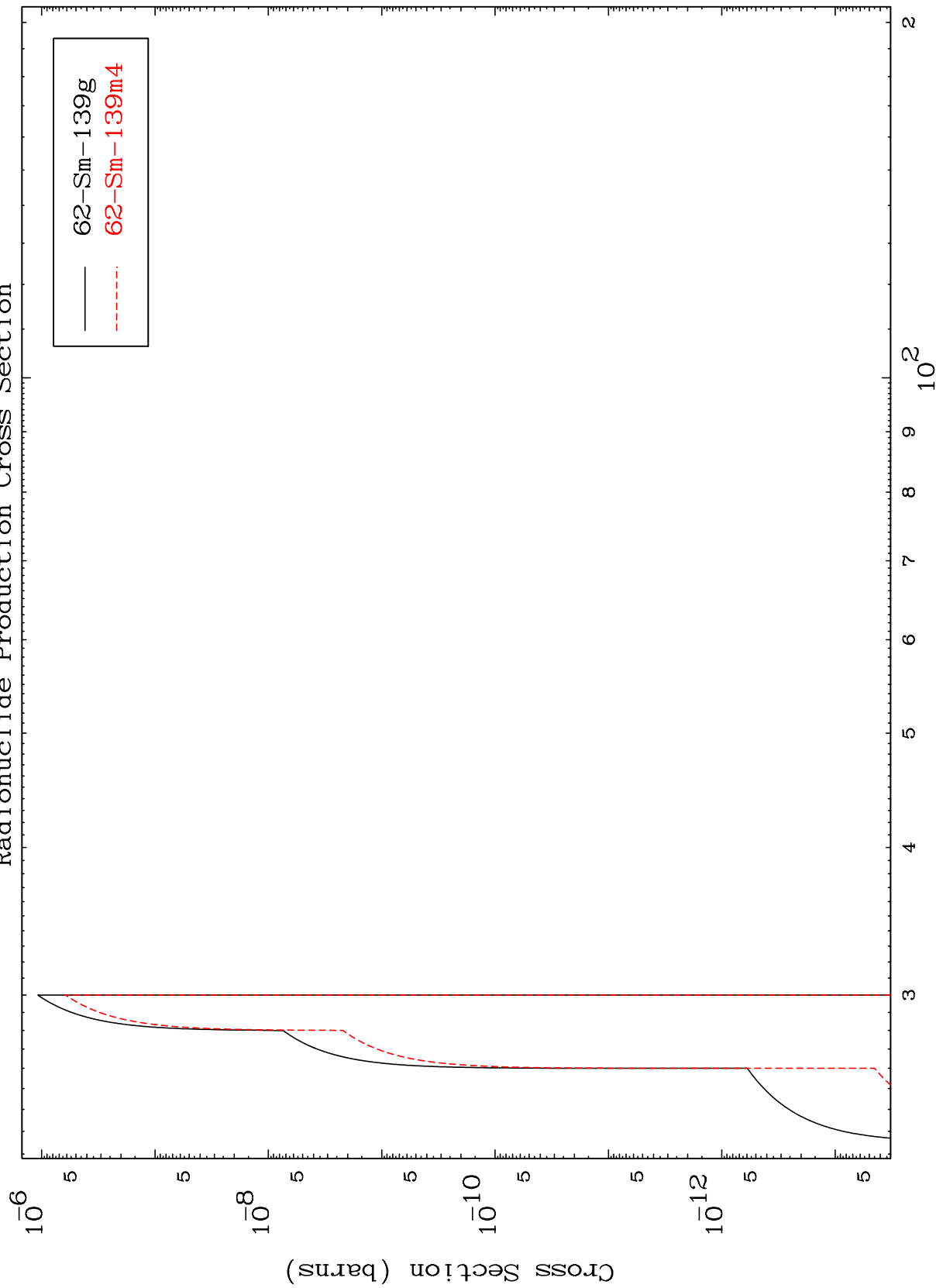
62-Sm-142

MAT 6219

(p,n') t

62-Sm-142

Radionuclide Production Cross Section

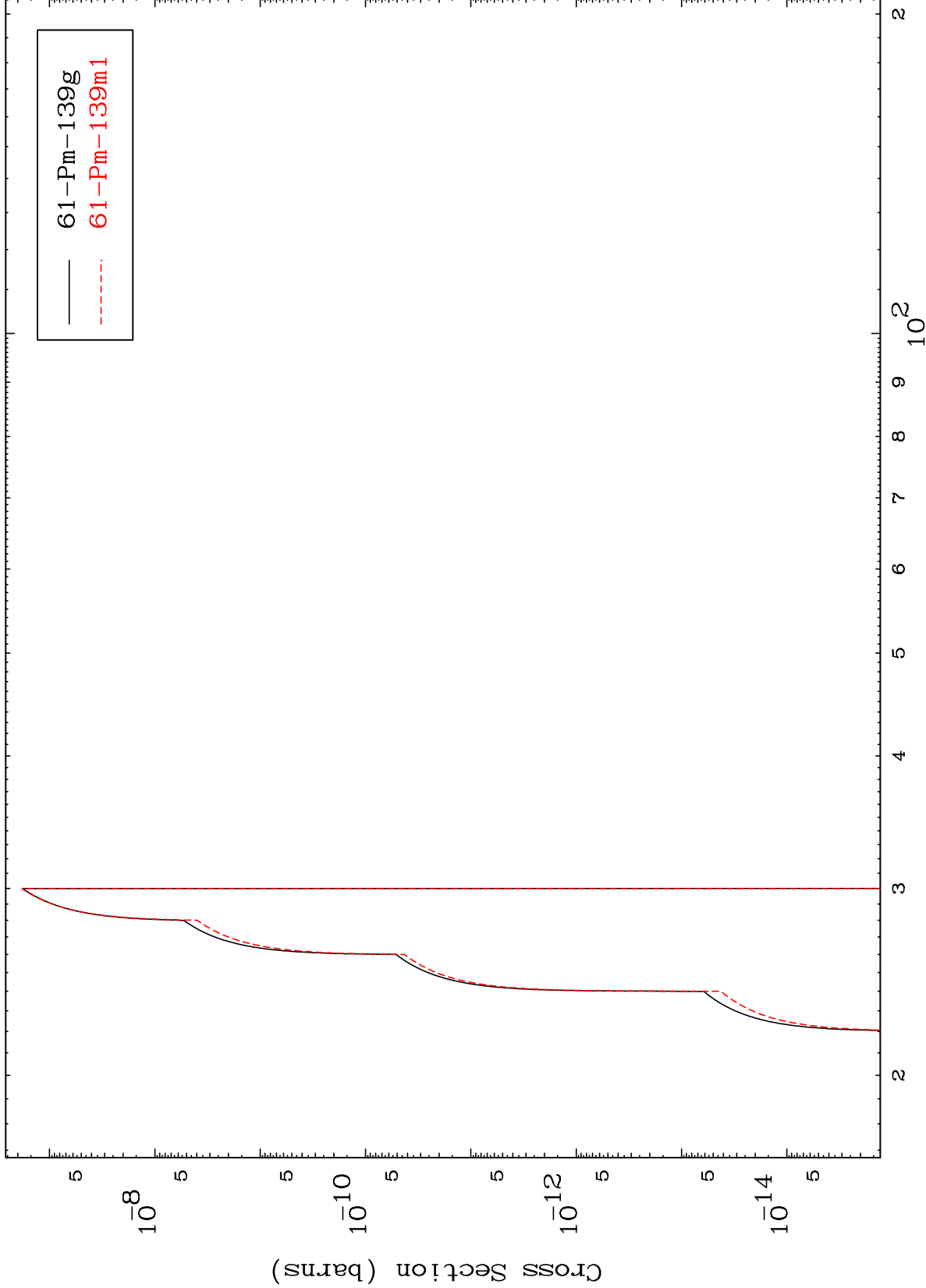


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Incident Energy (MeV)

62-Sm-142

Radionuclide Production Cross Section

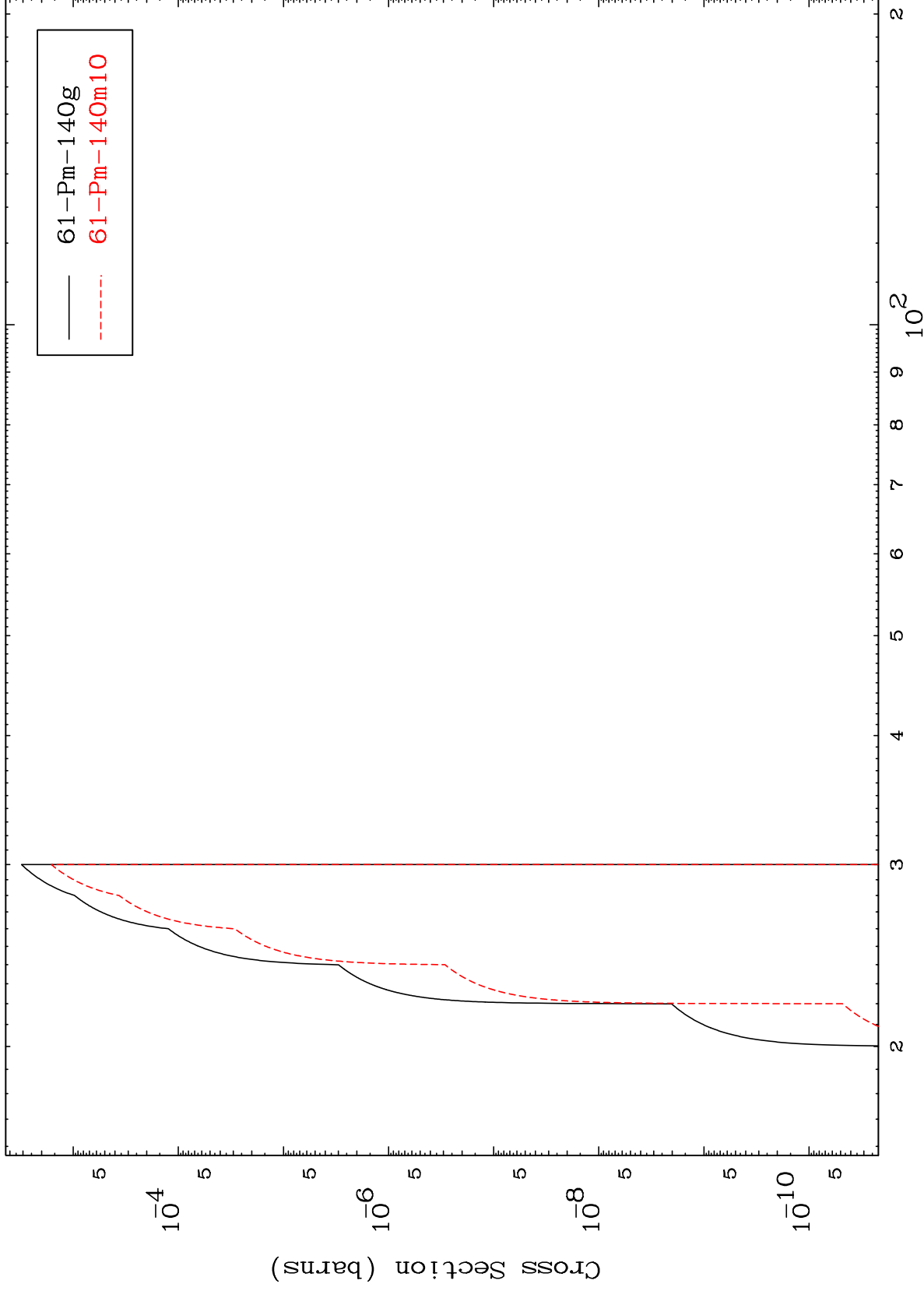


MAT 6219

(p,2n) p

62-Sm-142

Radionuclide Production Cross Section



18

Incident Energy (MeV)

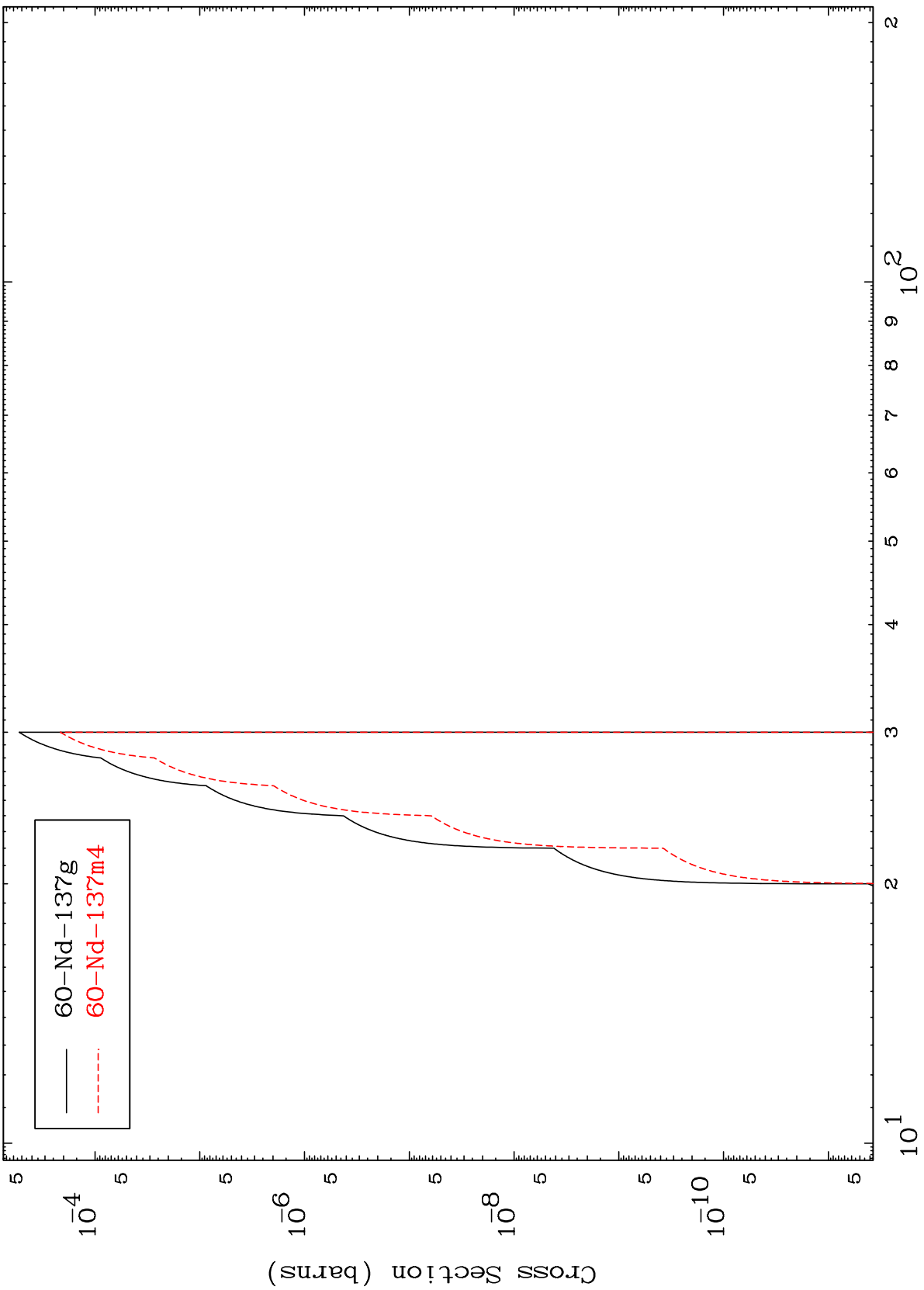
62-Sm-142

MAT 6219

(p,n') p α

62-Sm-142

Radionuclide Production Cross Section



60-Nd-137g
60-Nd-137m4

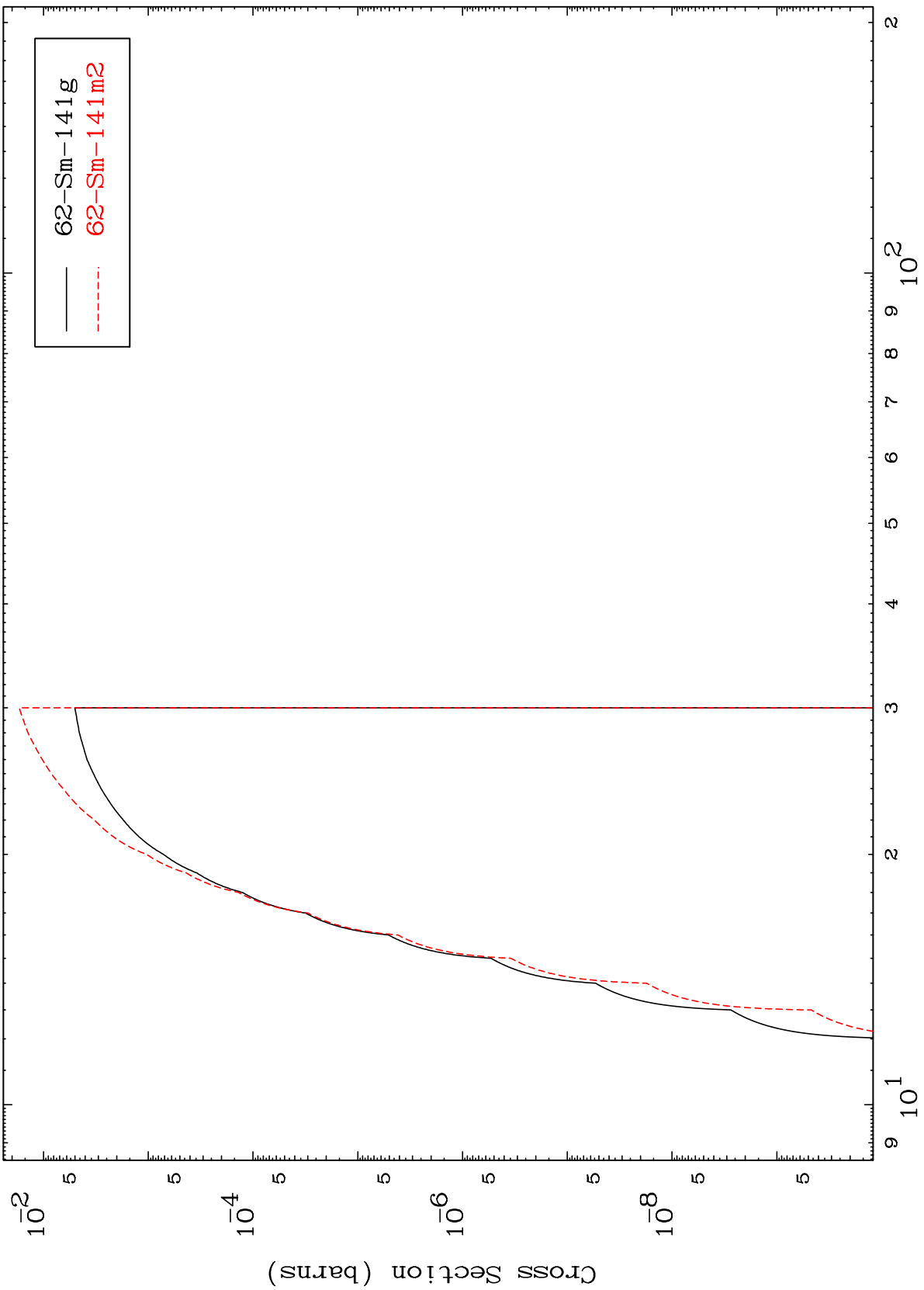
62-Sm-142

62-Sm-142

MAT 6219

62-Sm-142

(p,d)
Radionuclide Production Cross Section



62-Sm-142

Incident Energy (MeV)

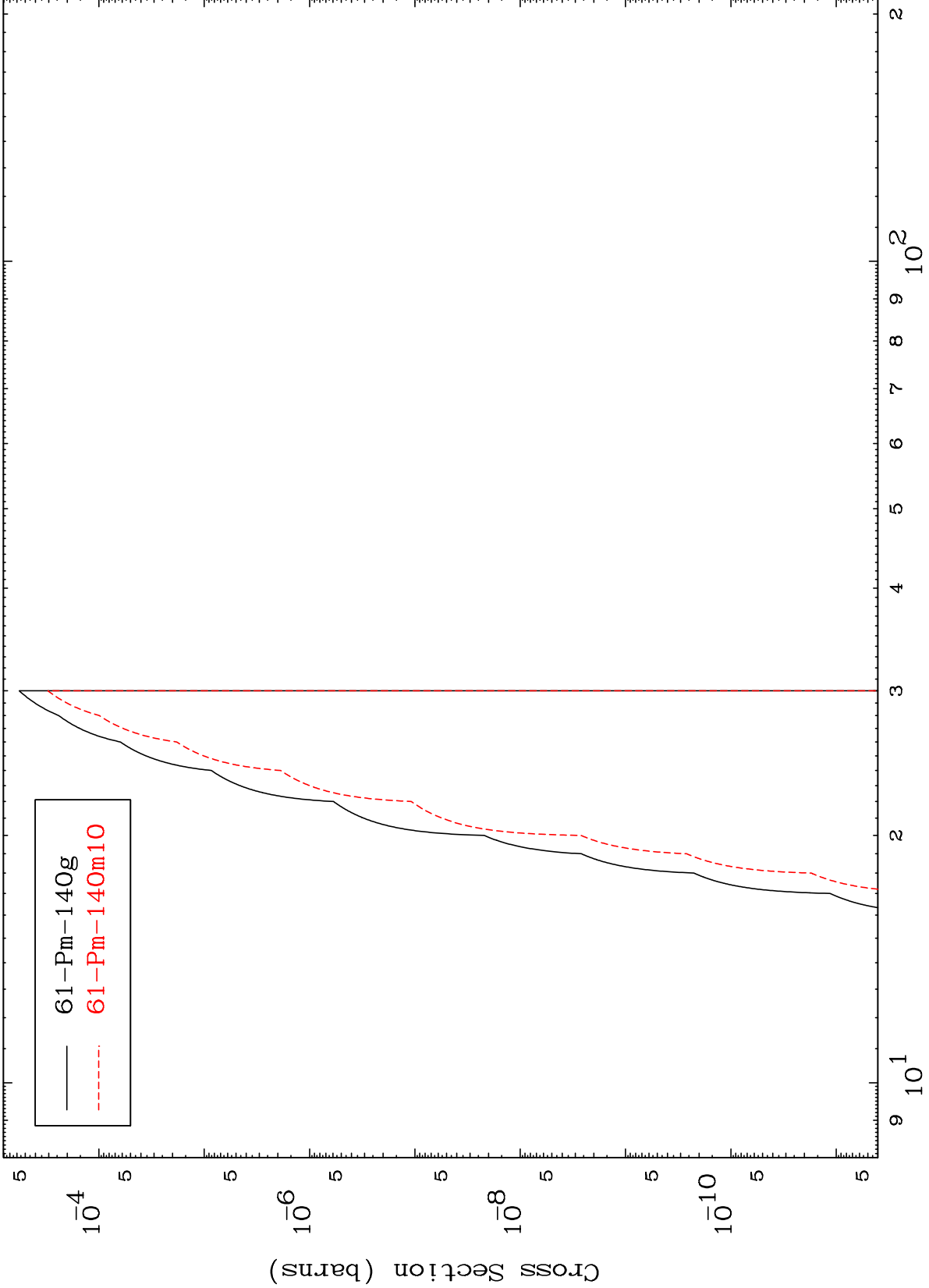
20

MAT 6219

(p,He-3)

62-Sm-142

Radionuclide Production Cross Section



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

21

Incident Energy (MeV)

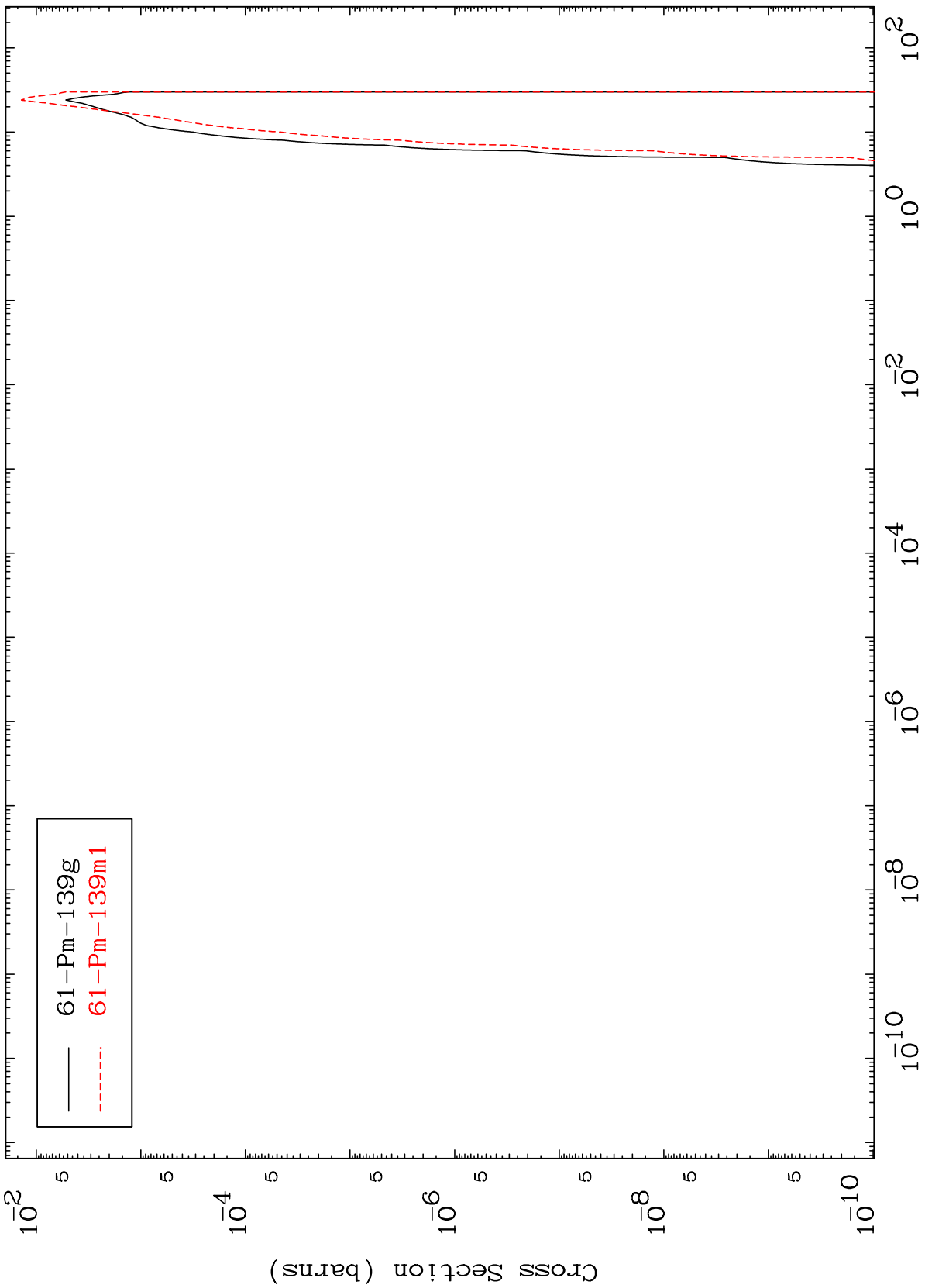
62-Sm-142

MAT 6219

(p, α)

62-Sm-142

Radionuclide Production Cross Section



61-Pm-139g
61-Pm-139m1

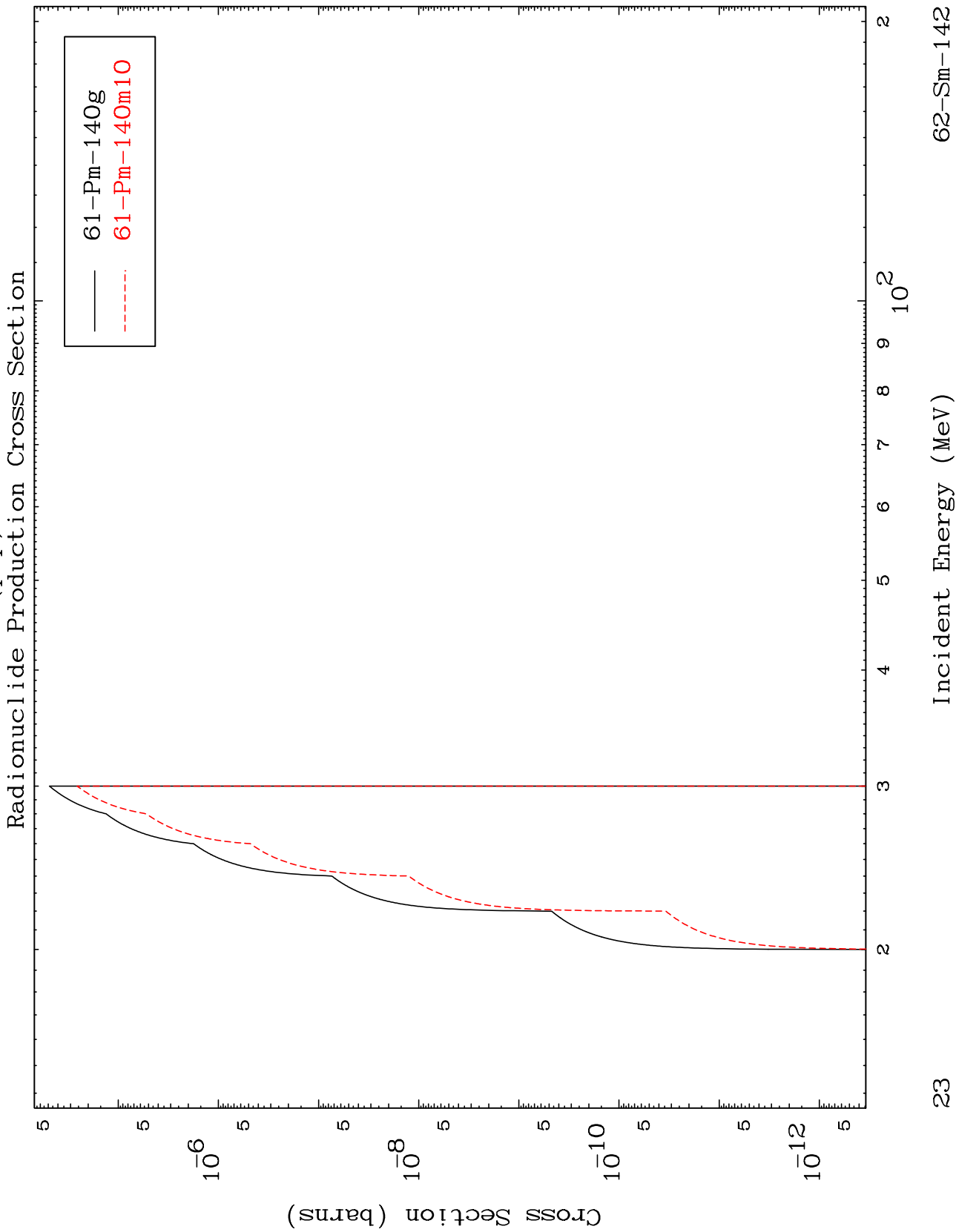
Incident Energy (MeV)

62-Sm-142

MAT 6219

(p,p) d

62-Sm-142

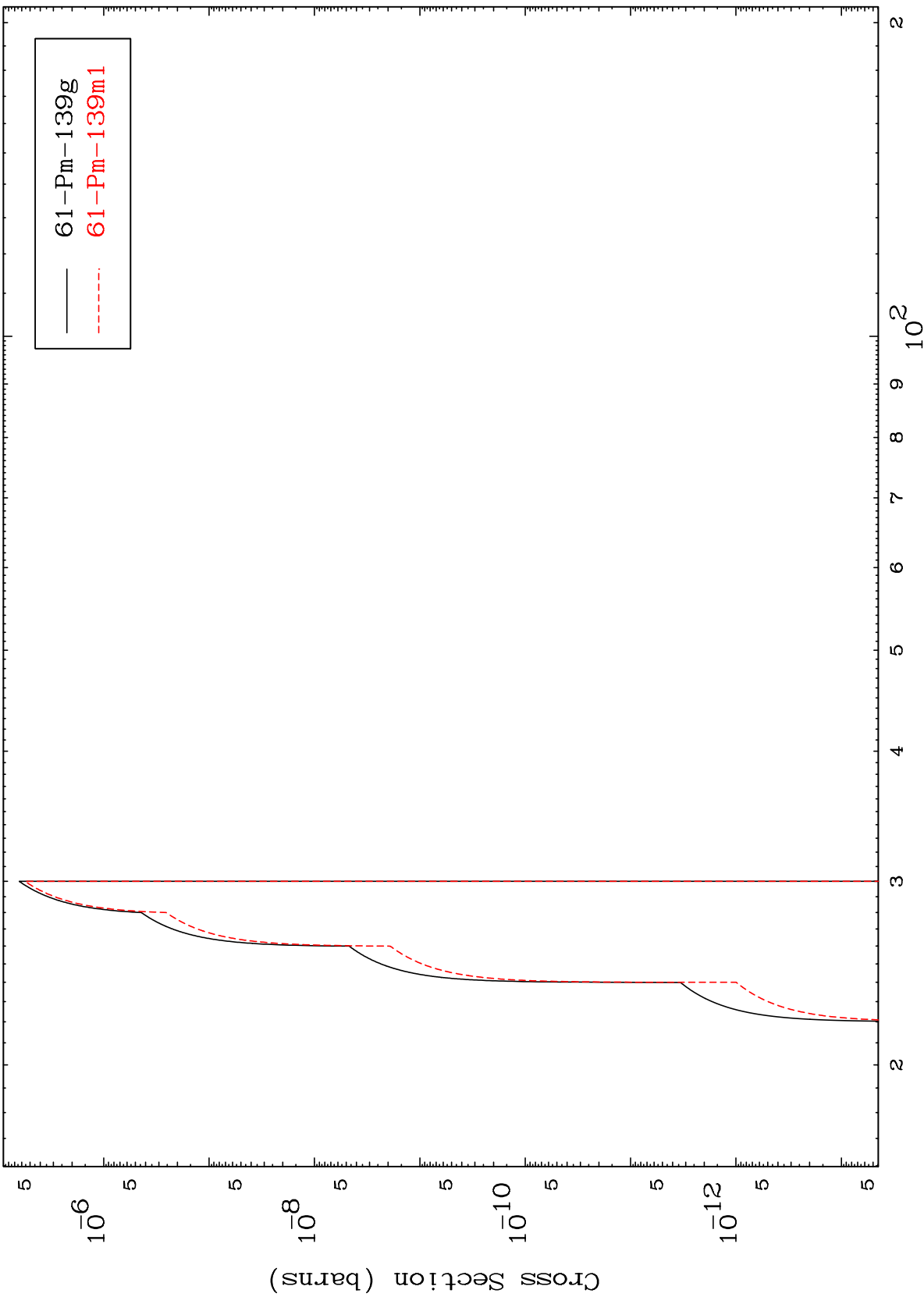


MAT 6219

(p,p) t

62-Sm-142

Radionuclide Production Cross Section



24

Incident Energy (MeV)

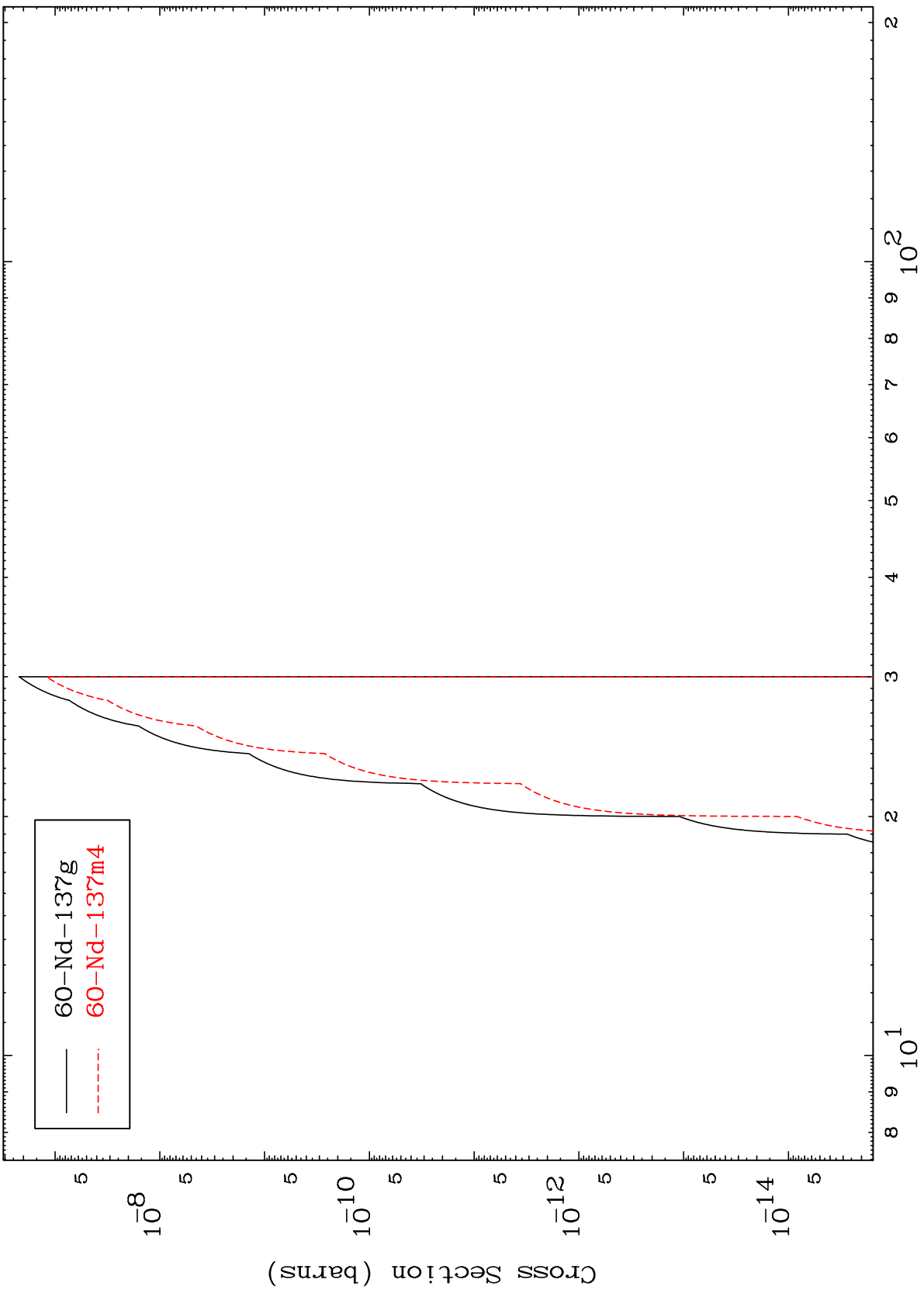
62-Sm-142

MAT 6219

(p,d) α

$^{62}\text{Sm}-142$

Radionuclide Production Cross Section



25

Incident Energy (MeV)

$^{62}\text{Sm}-142$