

Program EVALPLOT
(Version 2018-1)

by

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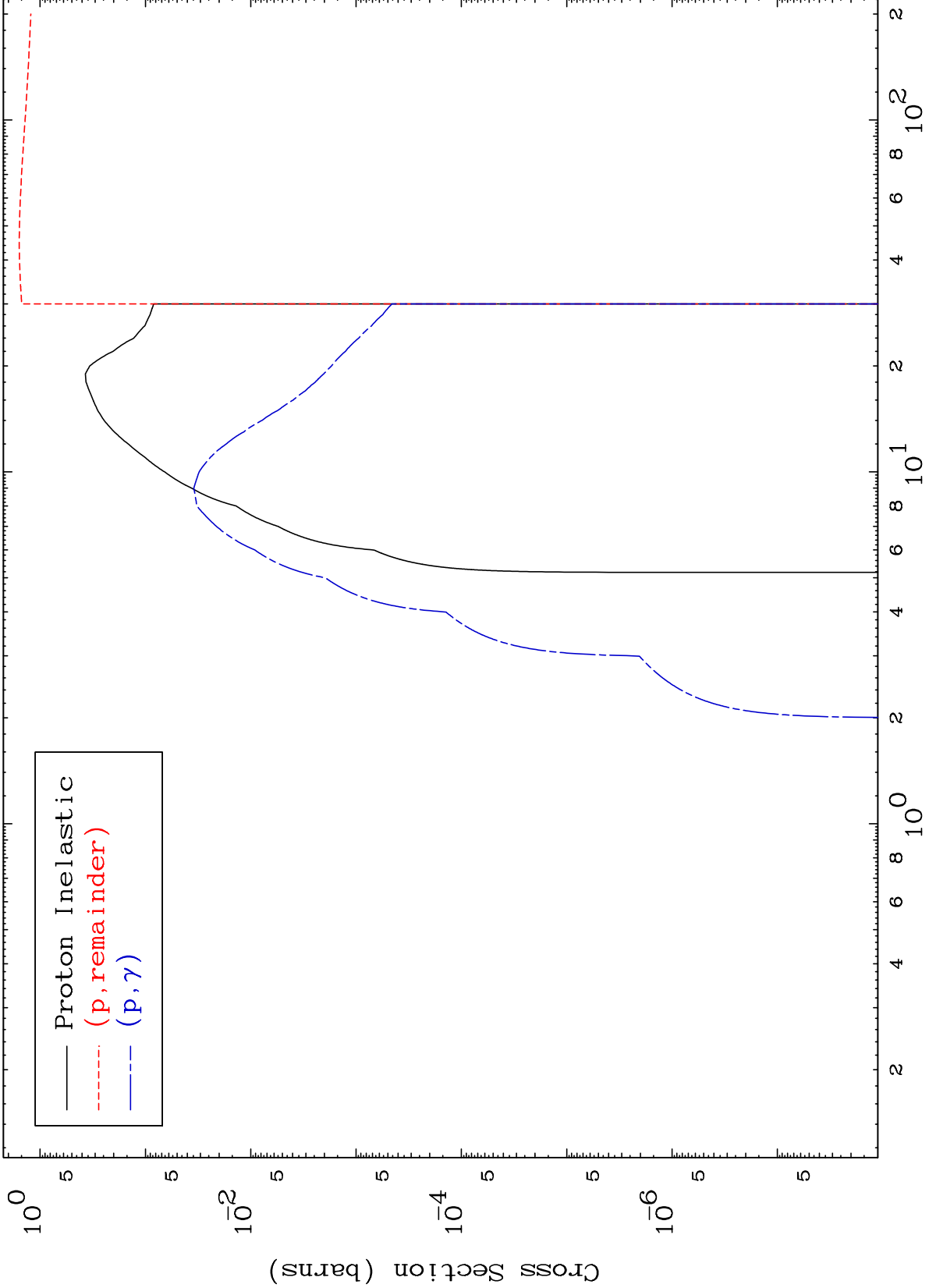
Press Mouse Button to Start

MAT 61116

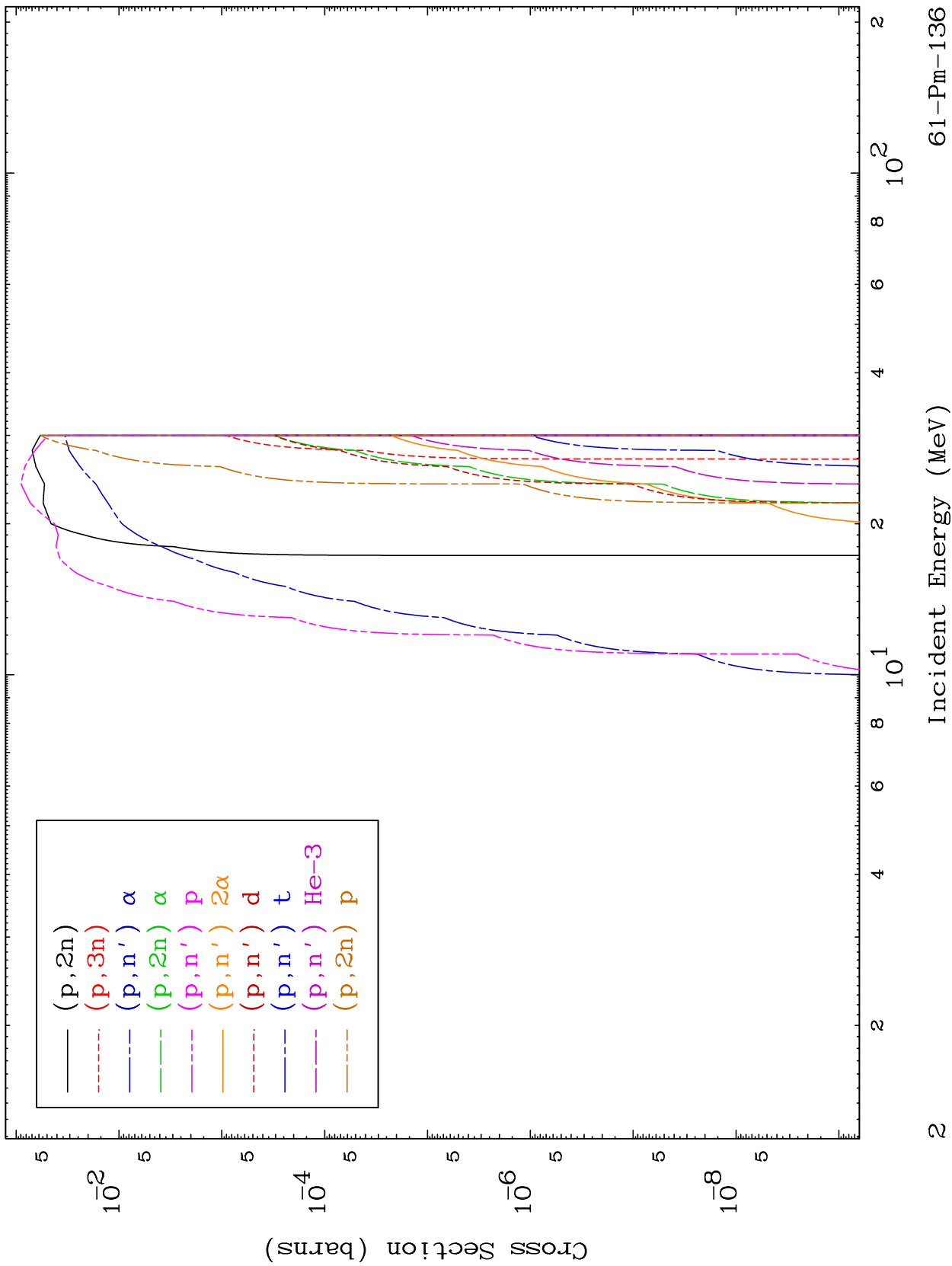
Proton Major

61-Pm-136

0 Kelvin Cross Sections



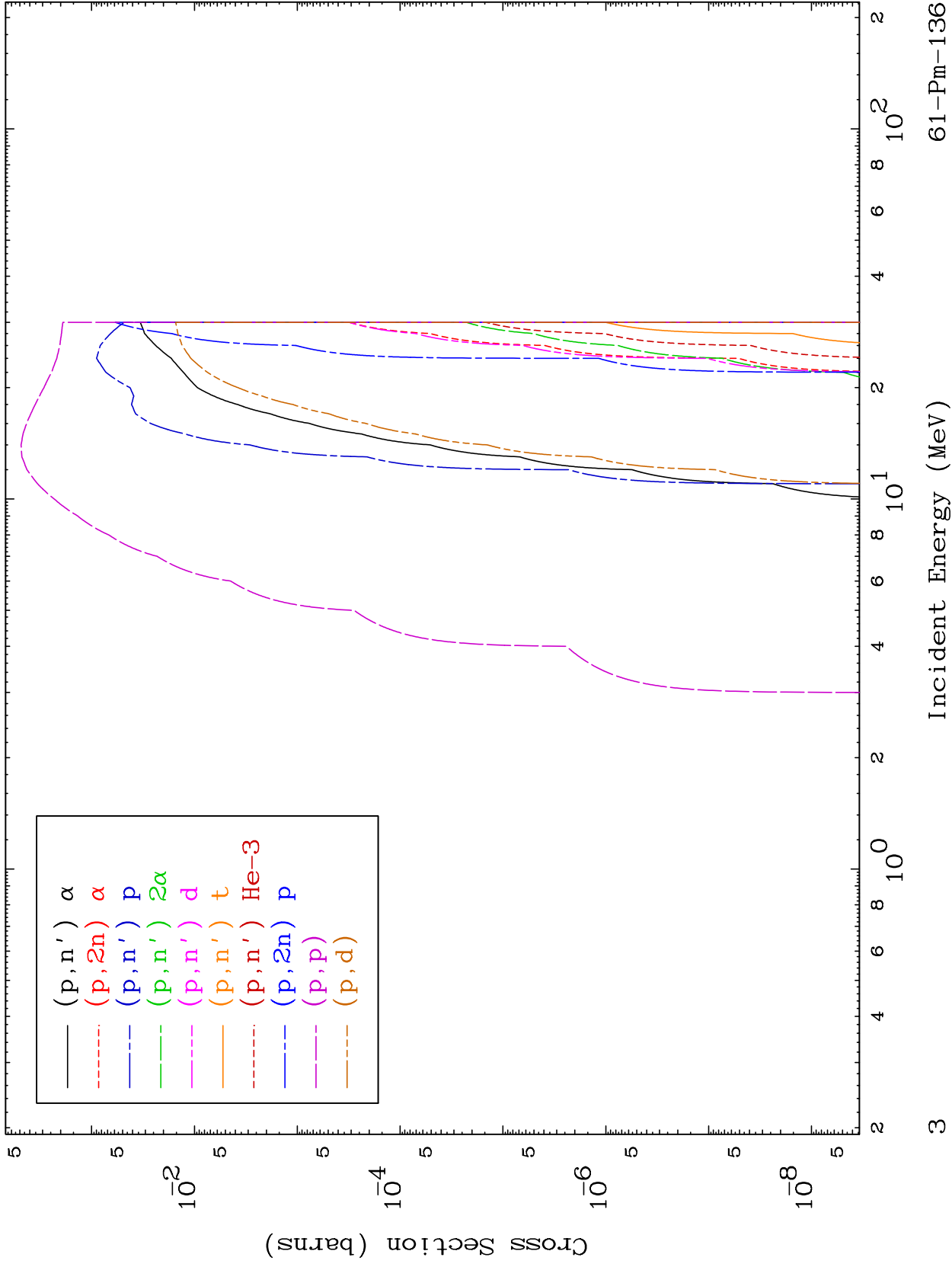
— Proton Inelastic
- - - (p, remainder)
- - - (p, γ)



MAT 6116

Proton Charged Particle
0 Kelvin Cross Sections

61-Pm-136



61-Pm-136

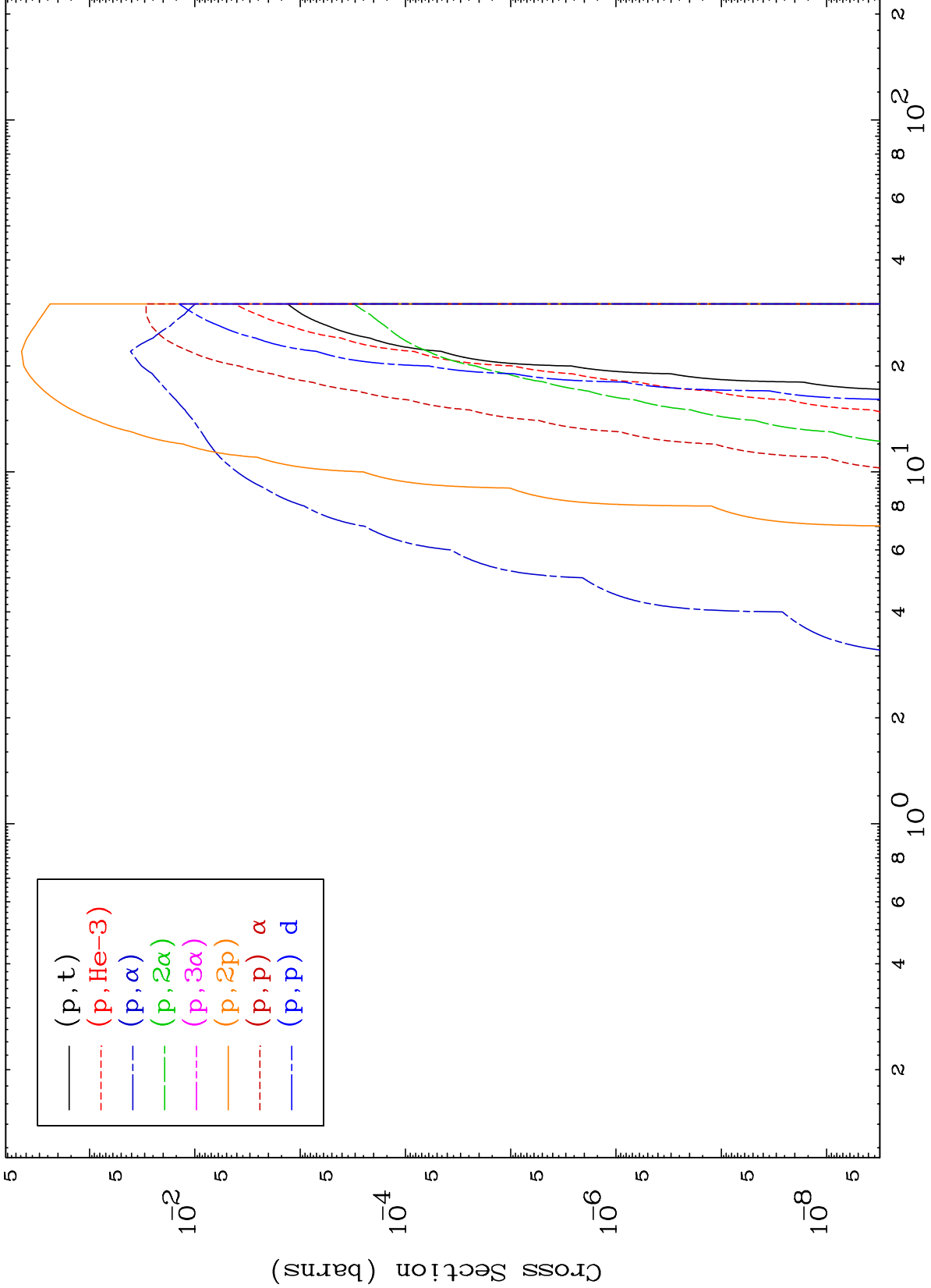
Incident Energy (MeV)

3

MAT 6116

Proton Charged Particle
0 Kelvin Cross Sections

61-Pm-136



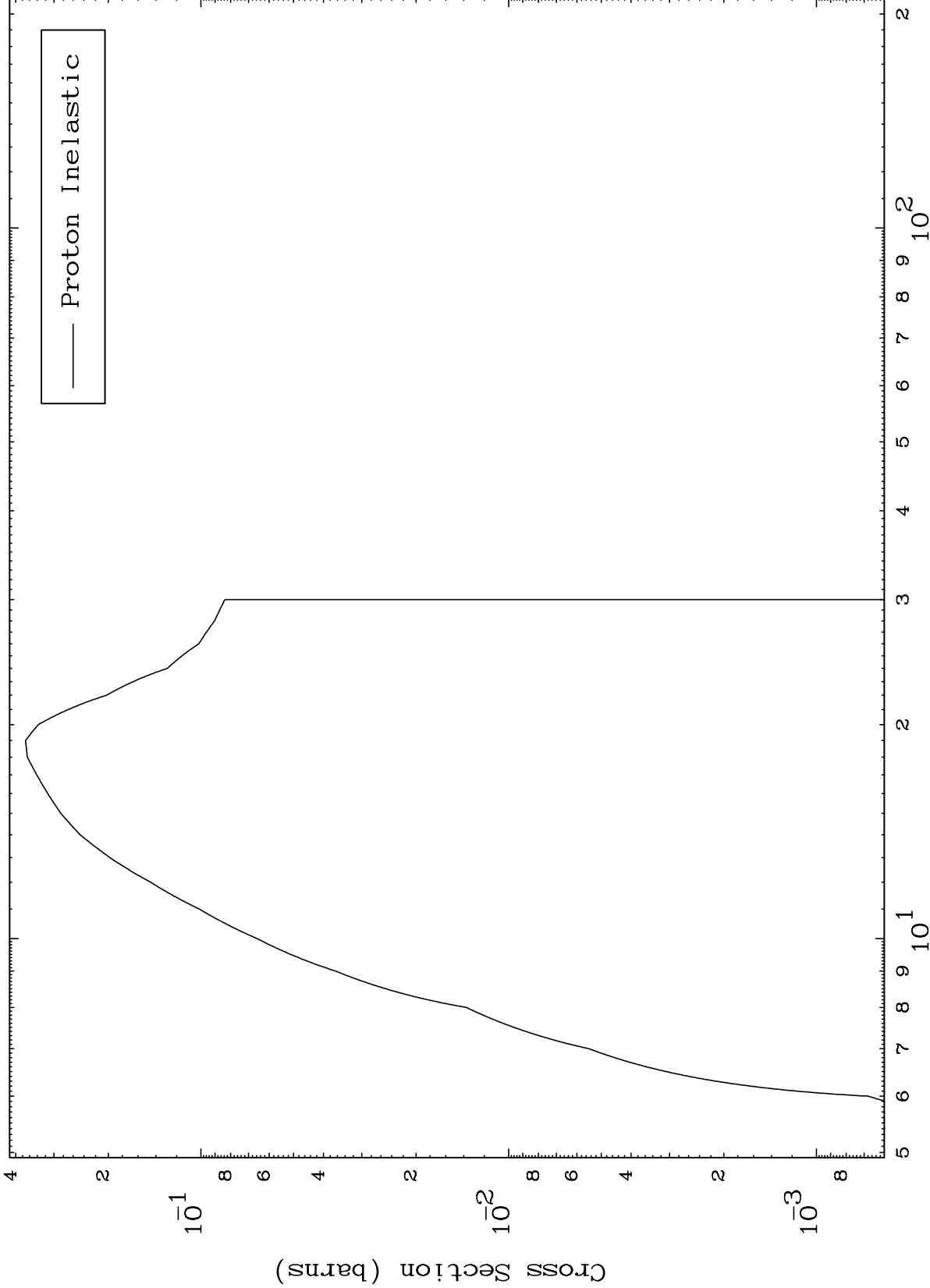
Incident Energy (MeV)

61-Pm-136

MAT 61116

61-Pm-136

(p,n') Level
0 Kelvin Cross Sections



61-Pm-136

Incident Energy (MeV)

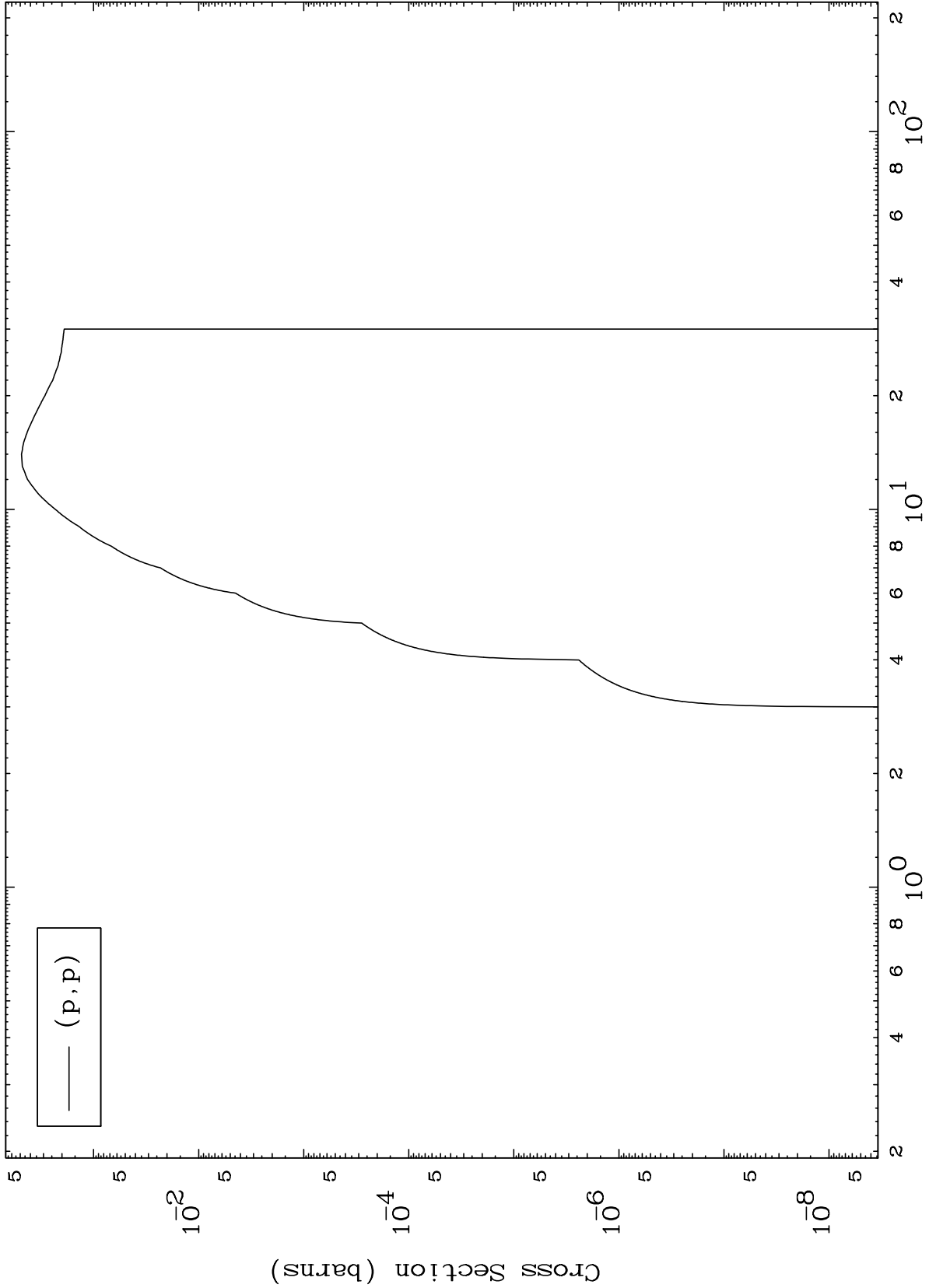
5

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(p,p) Levels

61-Pm-136

0 Kelvin Cross Sections



Incident Energy (MeV)

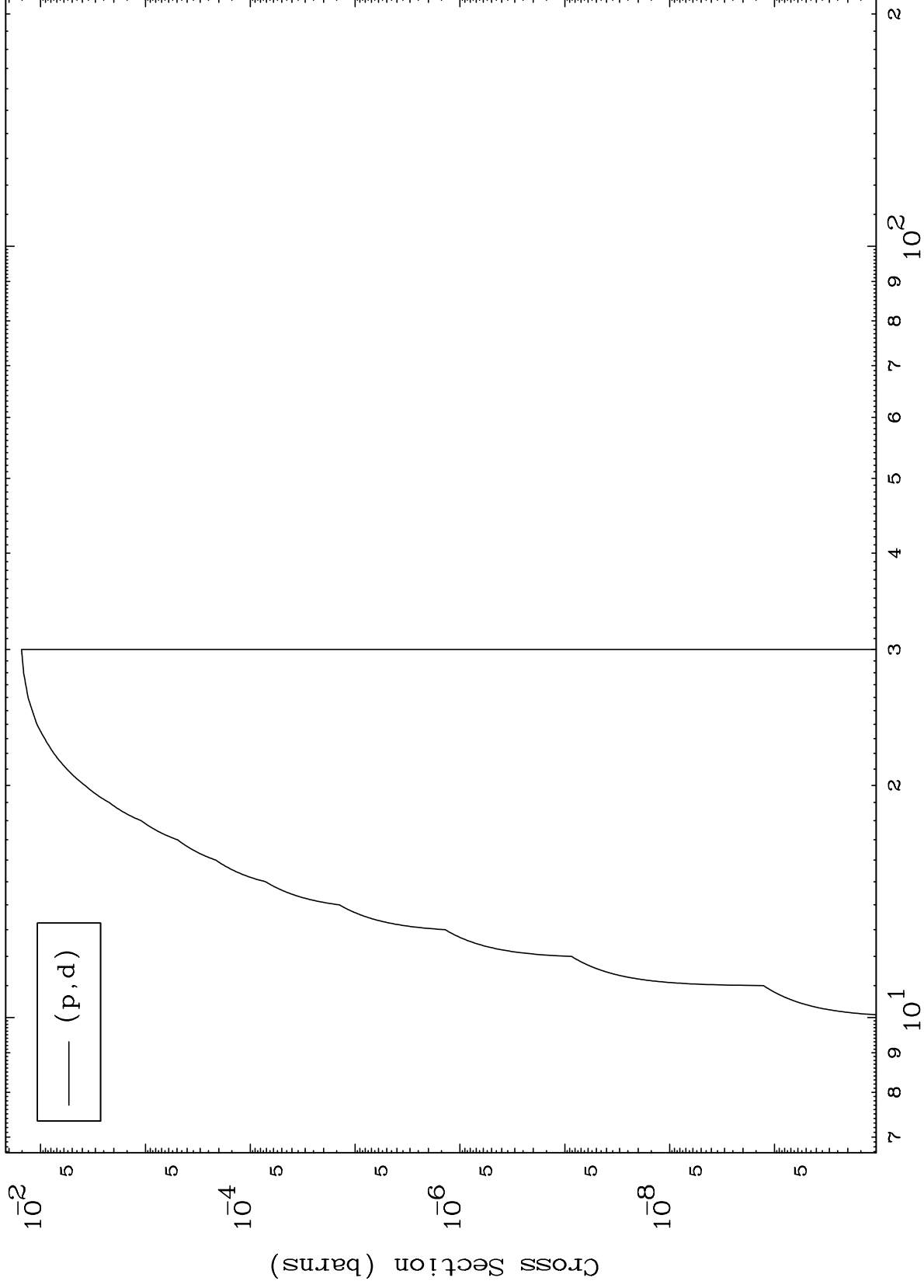
61-Pm-136

6

MAT 61116

(p,d) Levels
0 Kelvin Cross Sections

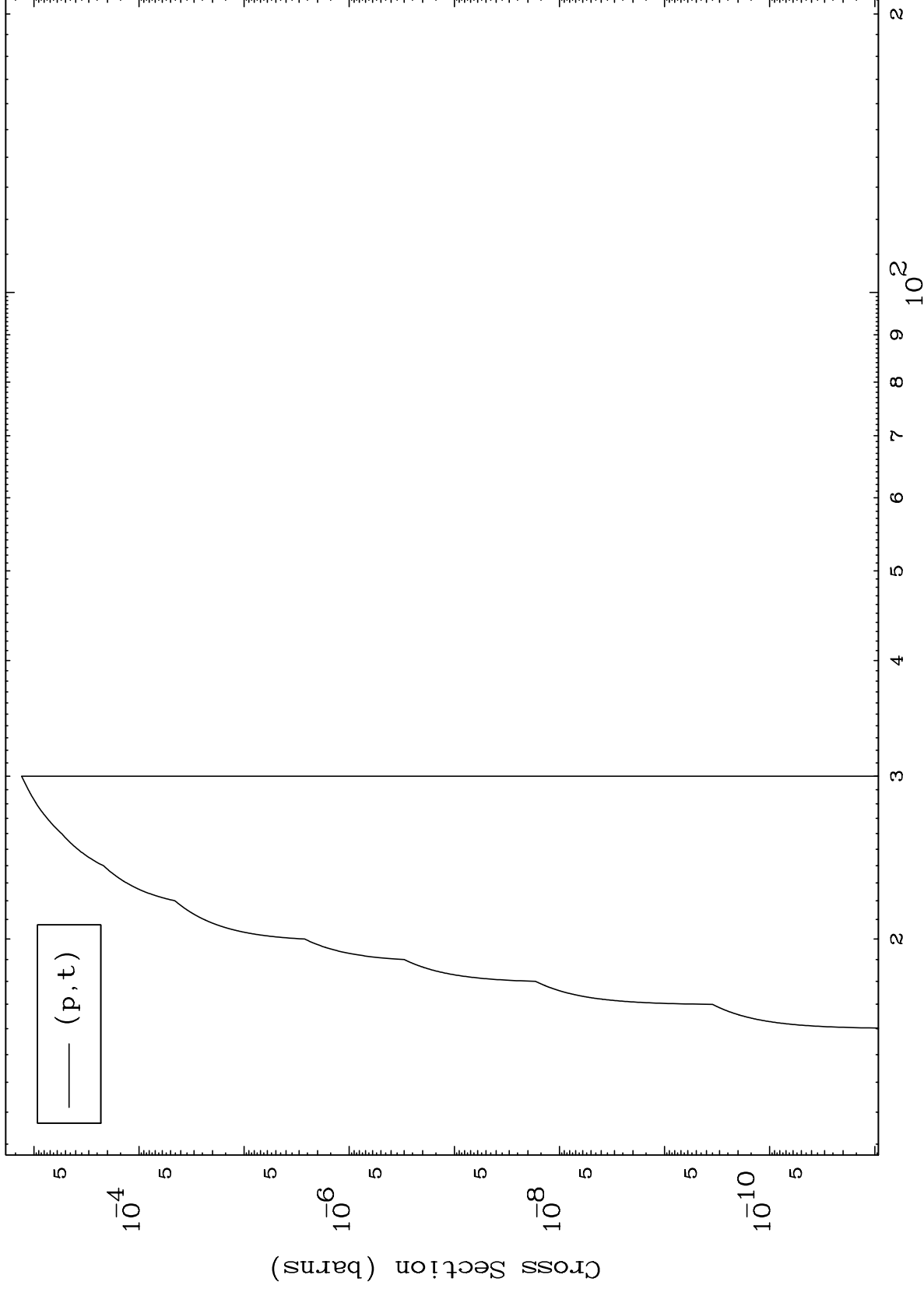
61-Pm-136



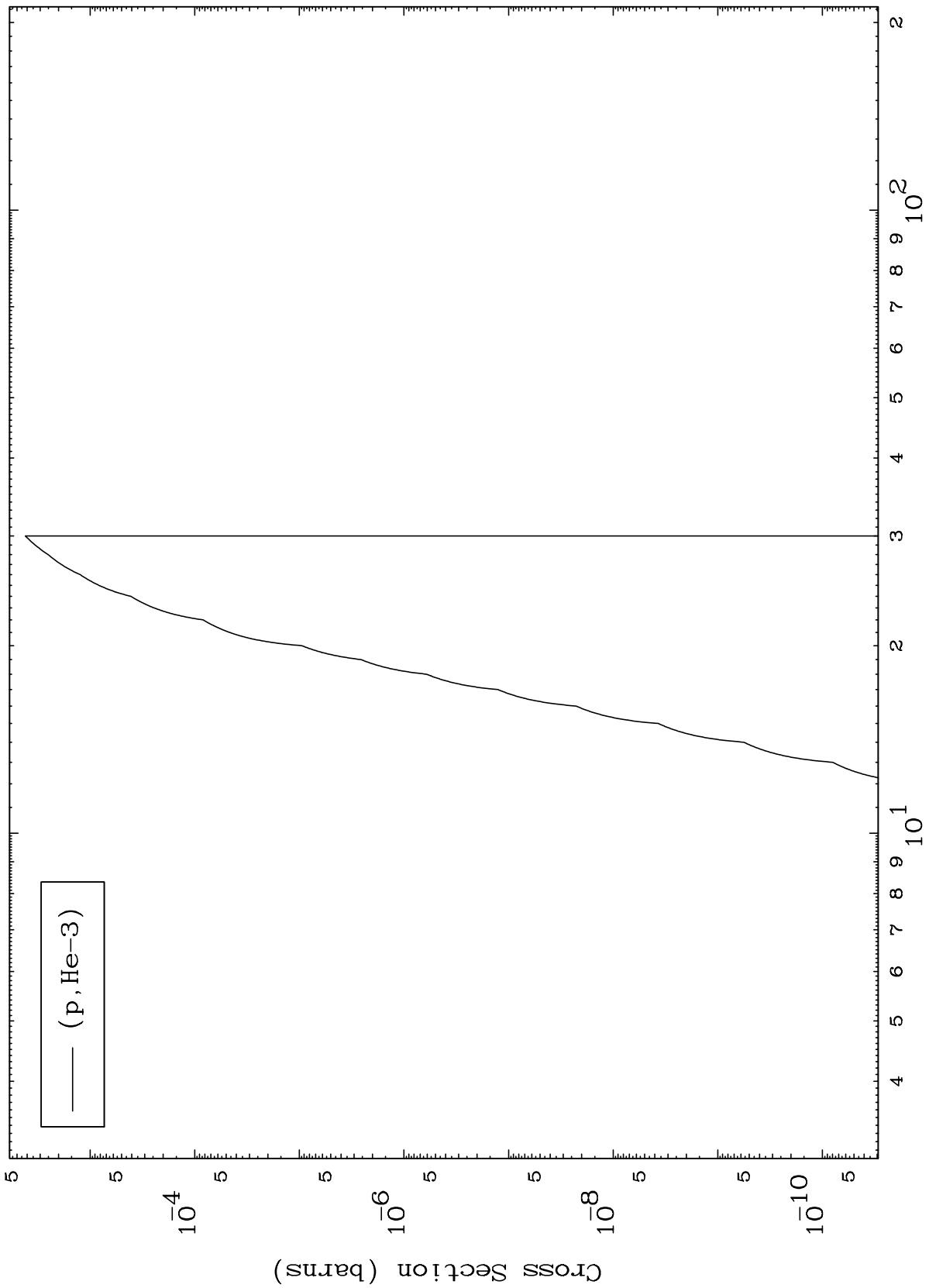
7

Incident Energy (MeV)

61-Pm-136



(p,He3) Levels
0 Kelvin Cross Sections

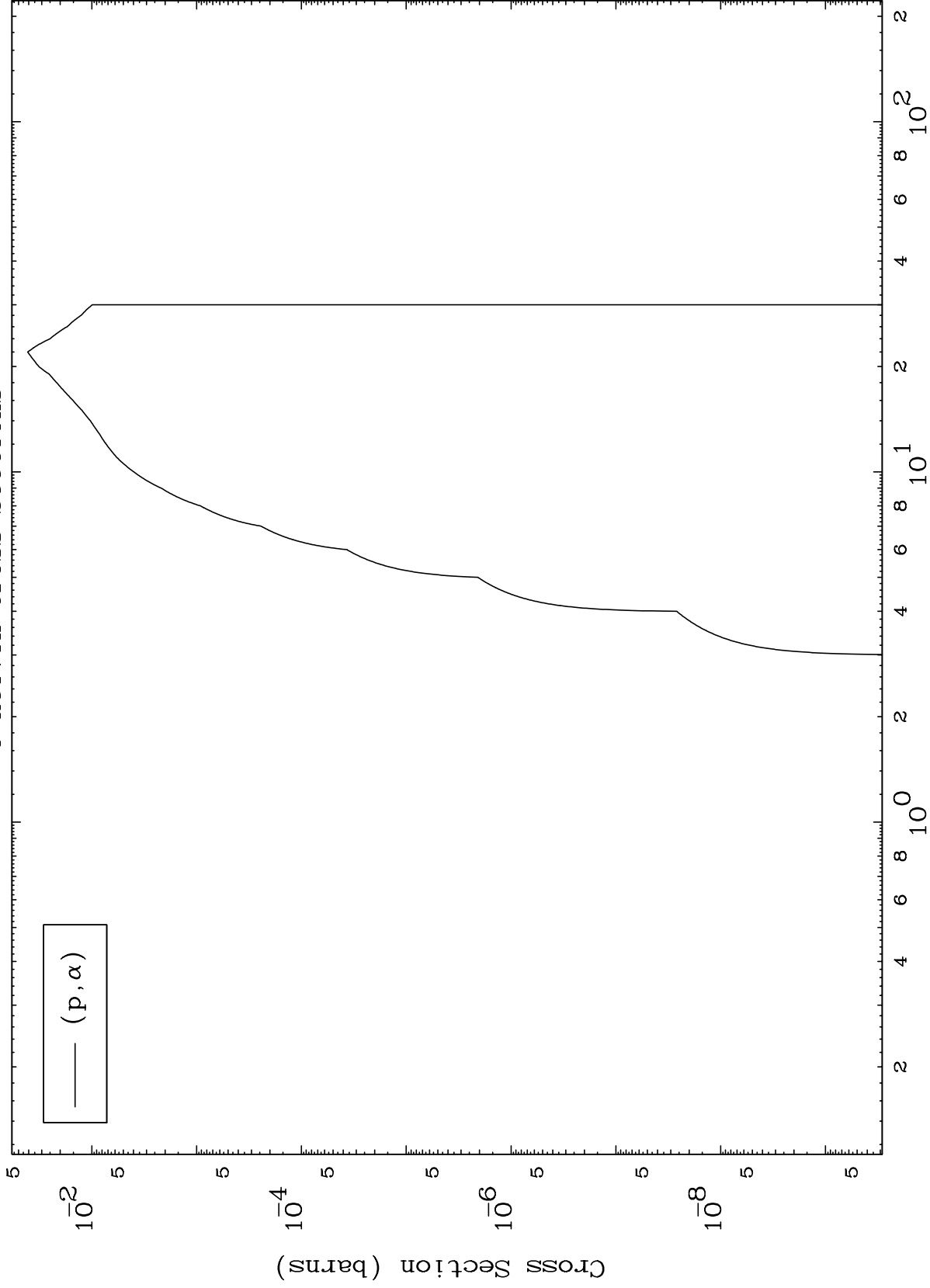


MAT 6116

(p, α) Levels

61-Pm-136

0 Kelvin Cross Sections



10

Incident Energy (MeV)

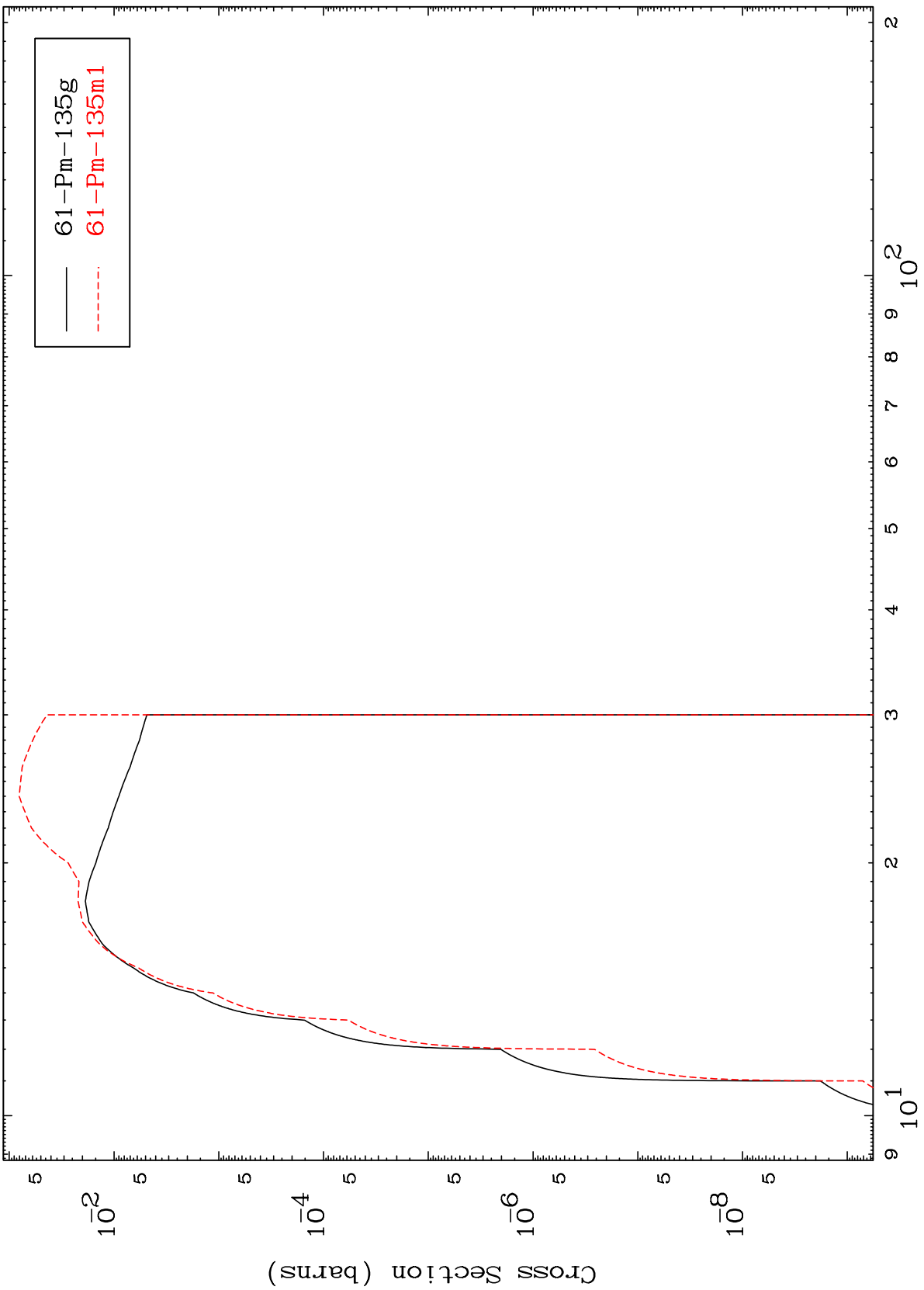
61-Pm-136

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(p,n') p

61-Pm-136

Radionuclide Production Cross Section



11

Incident Energy (MeV)

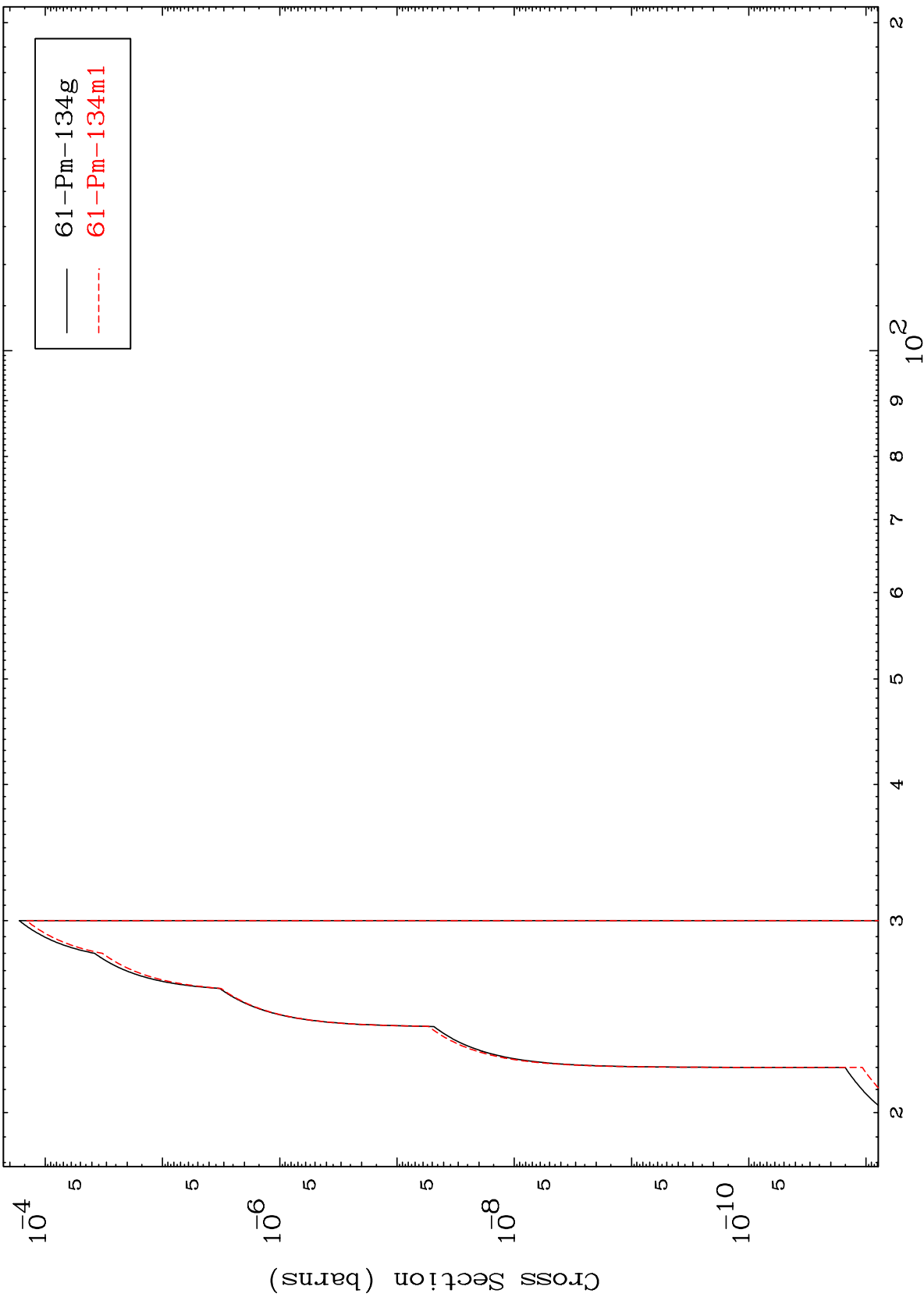
61-Pm-136

MAT 61116

(p,n') d

61-Pm-136

Radionuclide Production Cross Section



12

Incident Energy (MeV)

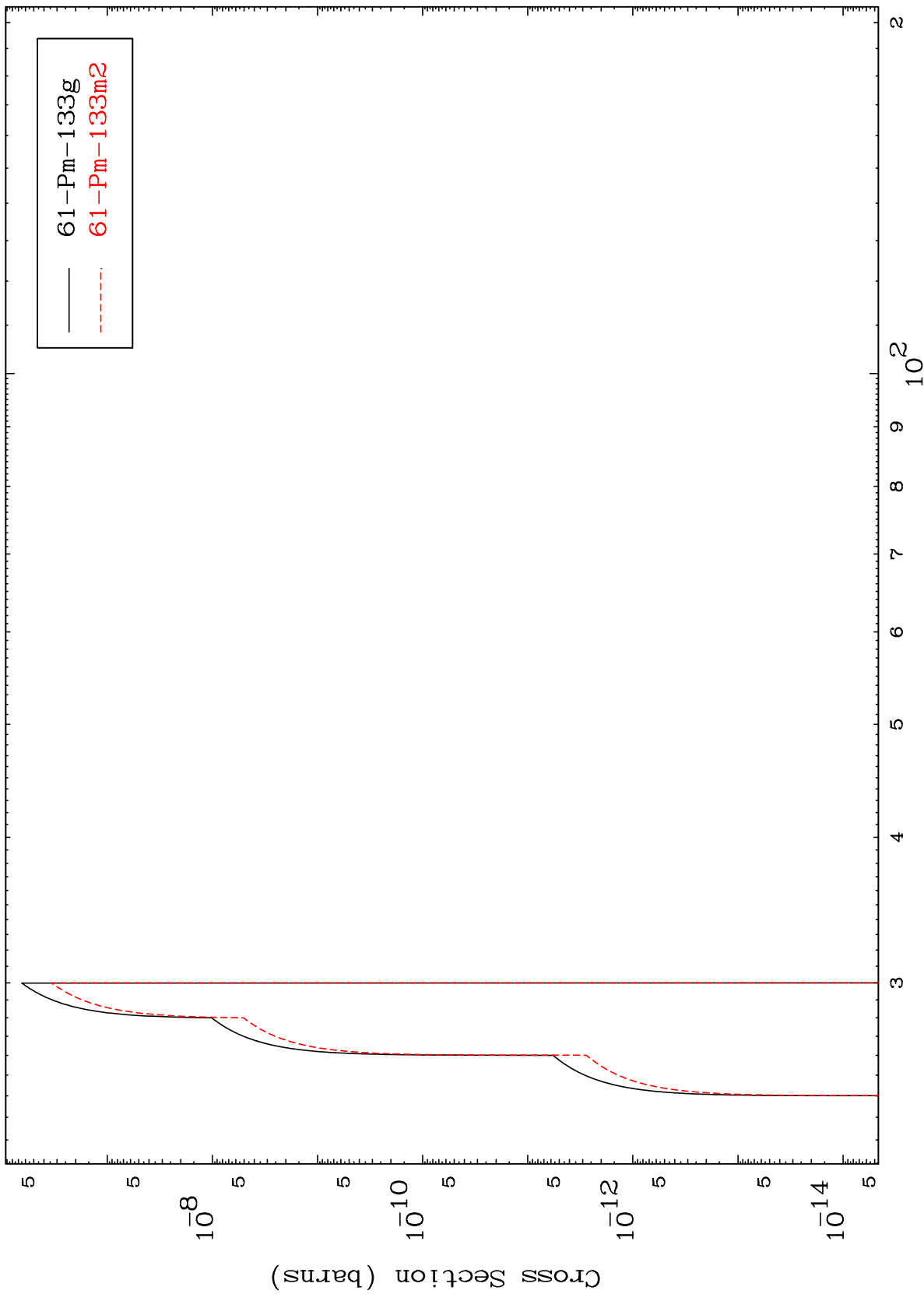
61-Pm-136

MAT 6116

(p,n') t

61-Pm-136

Radionuclide Production Cross Section



13

Incident Energy (MeV)

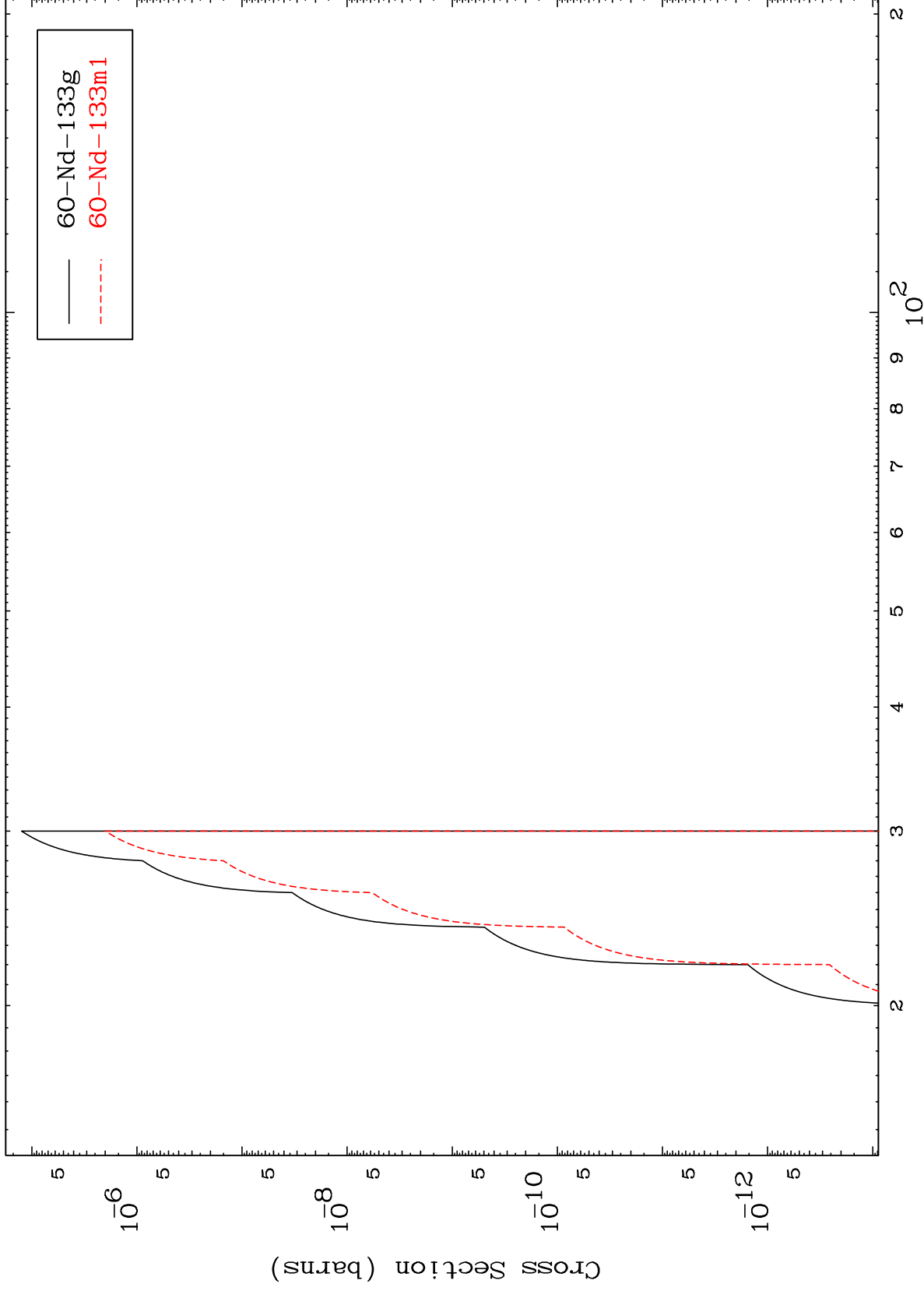
61-Pm-136

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(p,n') He-3

61-Pm-136

Radionuclide Production Cross Section



14

Incident Energy (MeV)

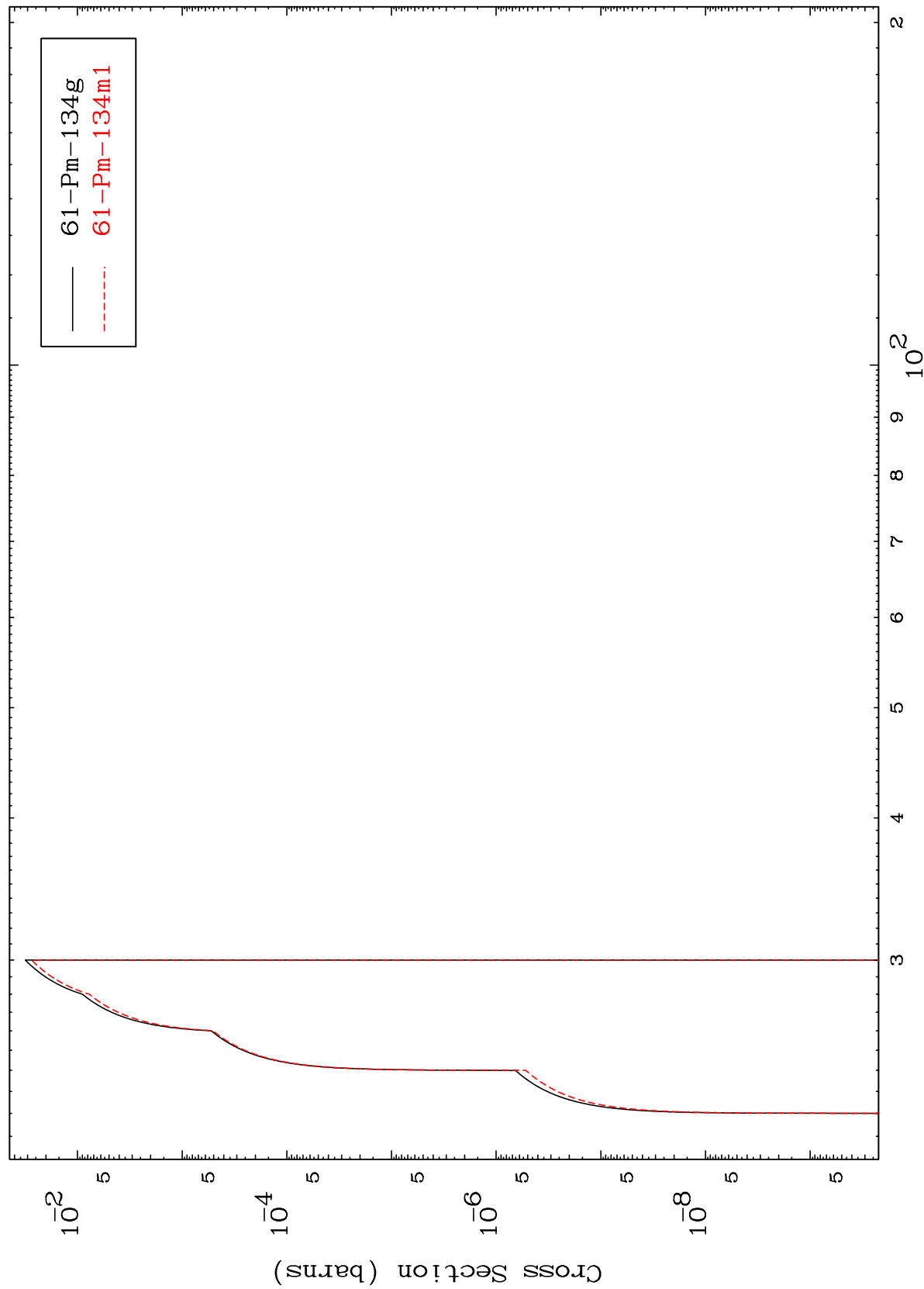
61-Pm-136

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(p,2n) p

61-Pm-136

Radionuclide Production Cross Section



15

Incident Energy (MeV)

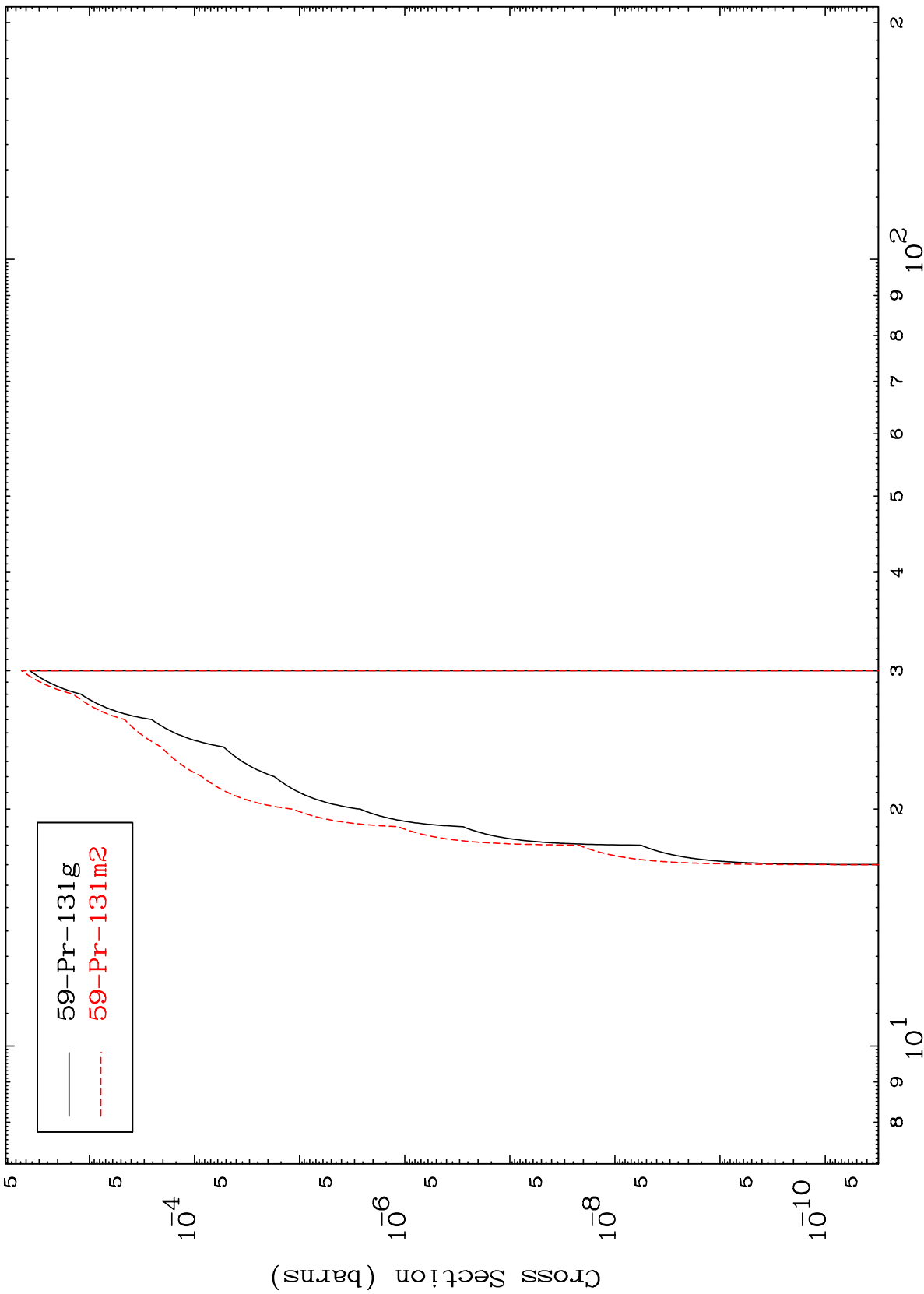
61-Pm-136

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(p,n') p α

61-Pm-136

Radionuclide Production Cross Section



16

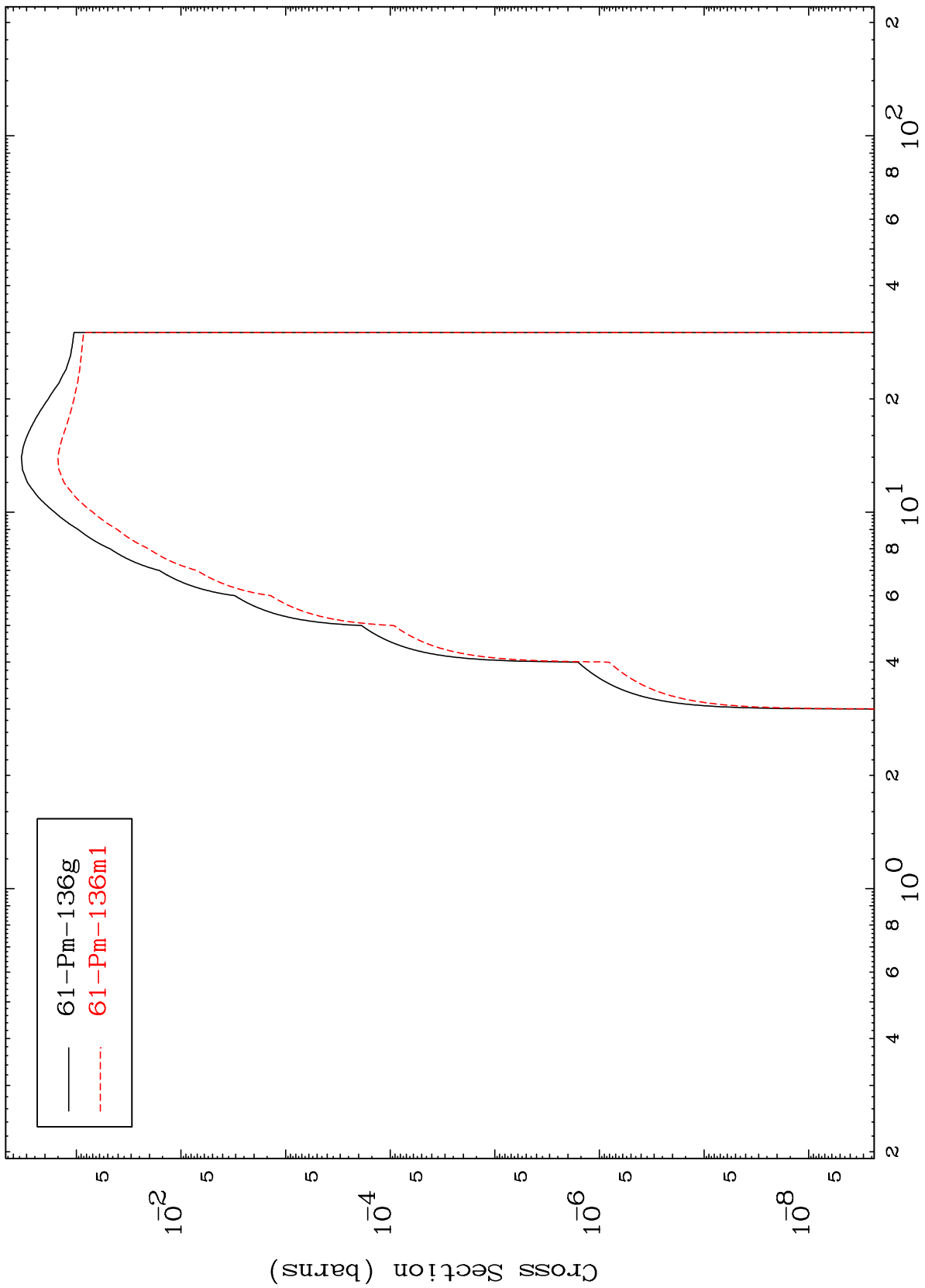
Incident Energy (MeV)

61-Pm-136

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61-Pm-136

(p,p)
Radionuclide Production Cross Section



17

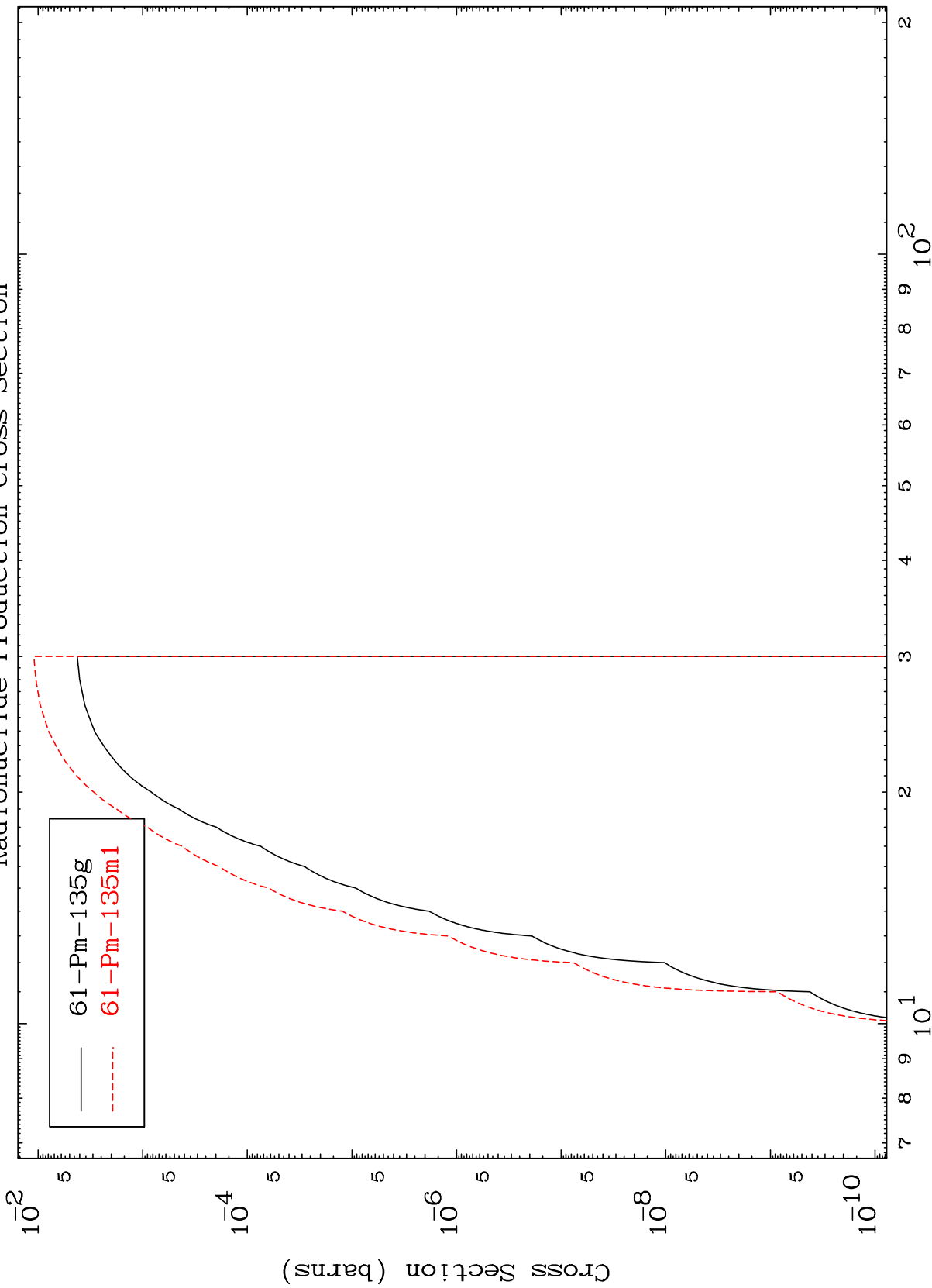
61-Pm-136

Incident Energy (MeV)

MAT 6116

61-Pm-136

(p,d)
Radionuclide Production Cross Section



18

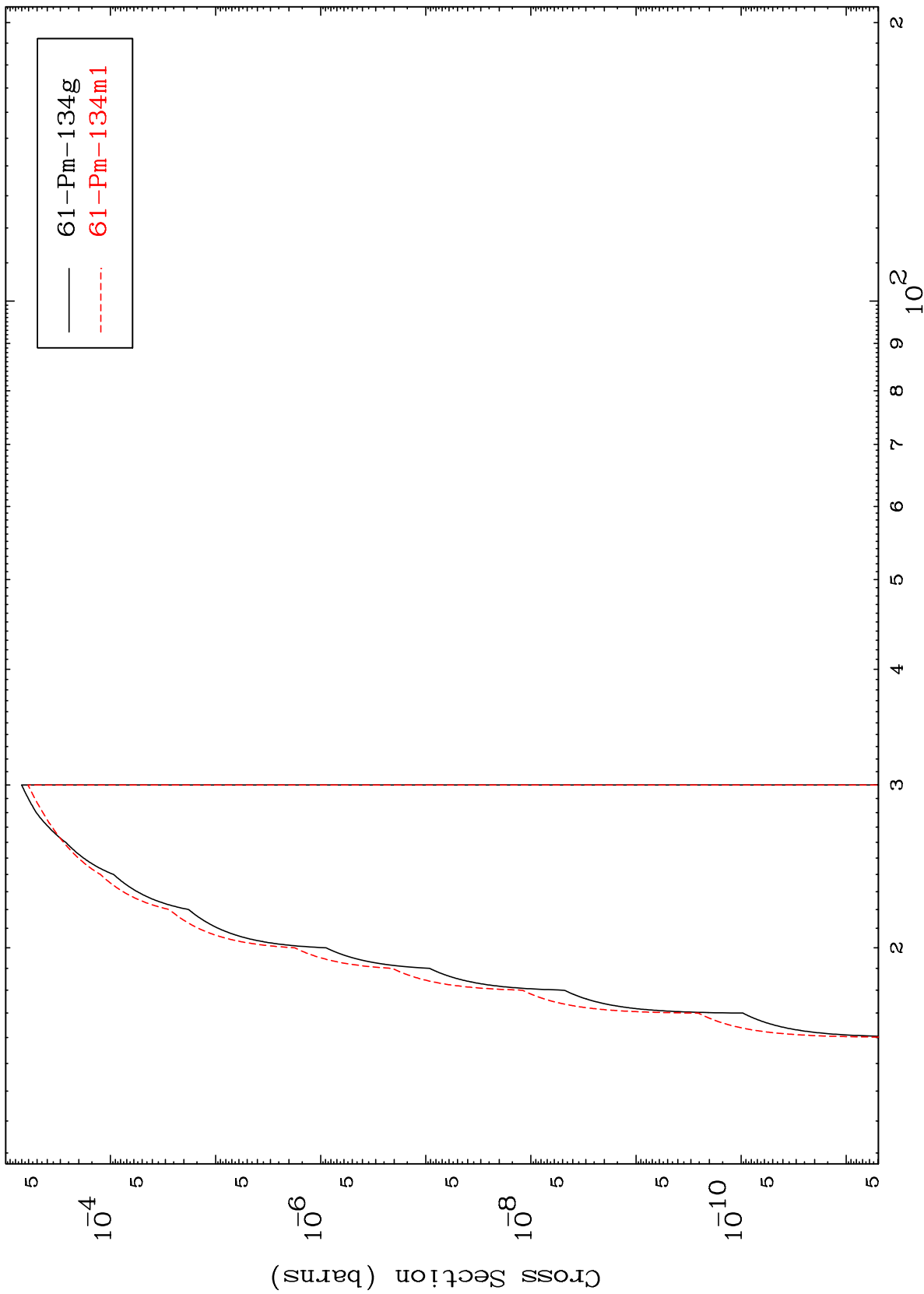
Incident Energy (MeV)

61-Pm-136

MAT 61116

61-Pm-136

(p, t)
Radionuclide Production Cross Section



19

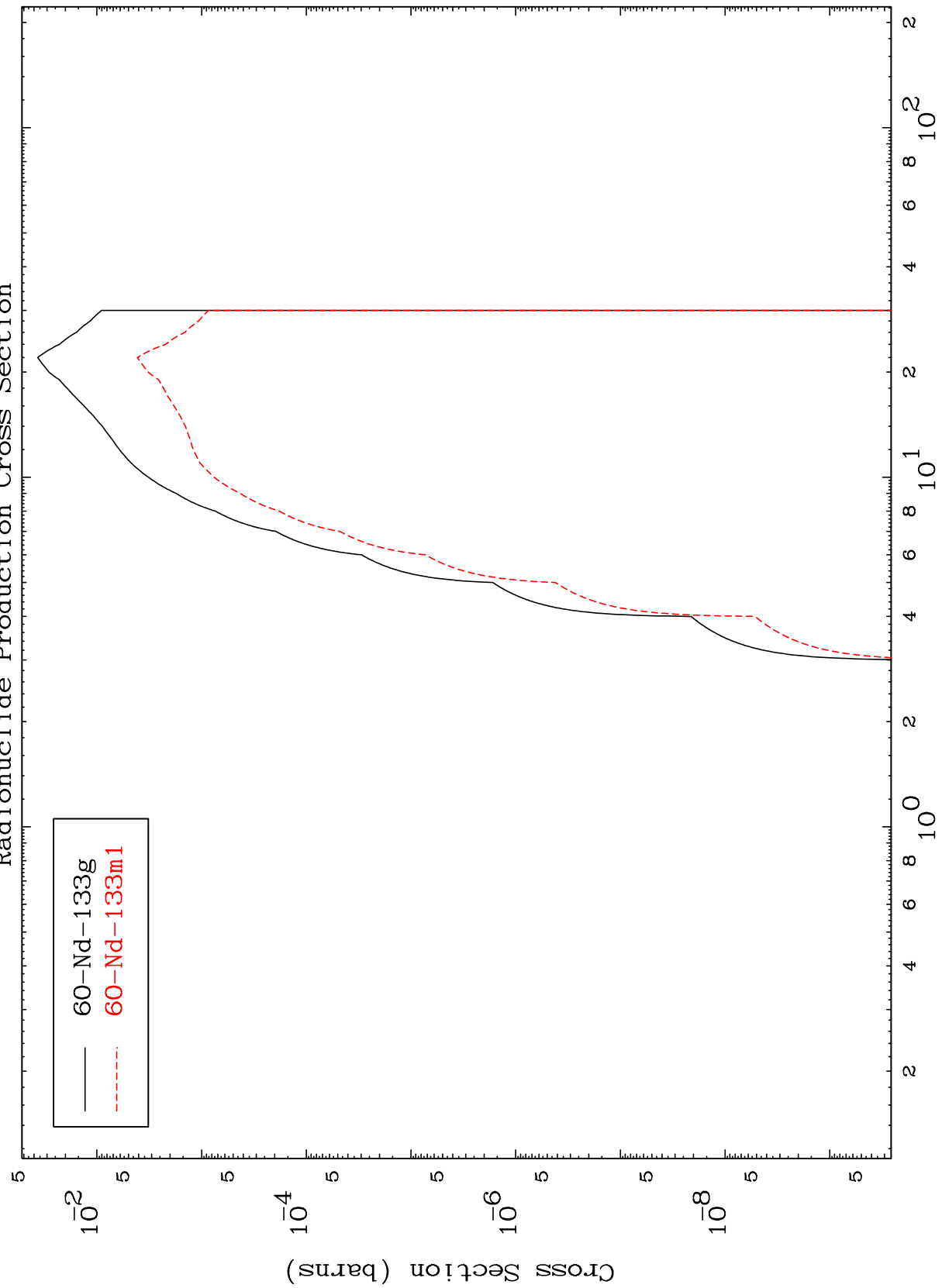
Incident Energy (MeV)

61-Pm-136

MAT 6116

61-Pm-136

Radionuclide Production Cross Section
(p, α)



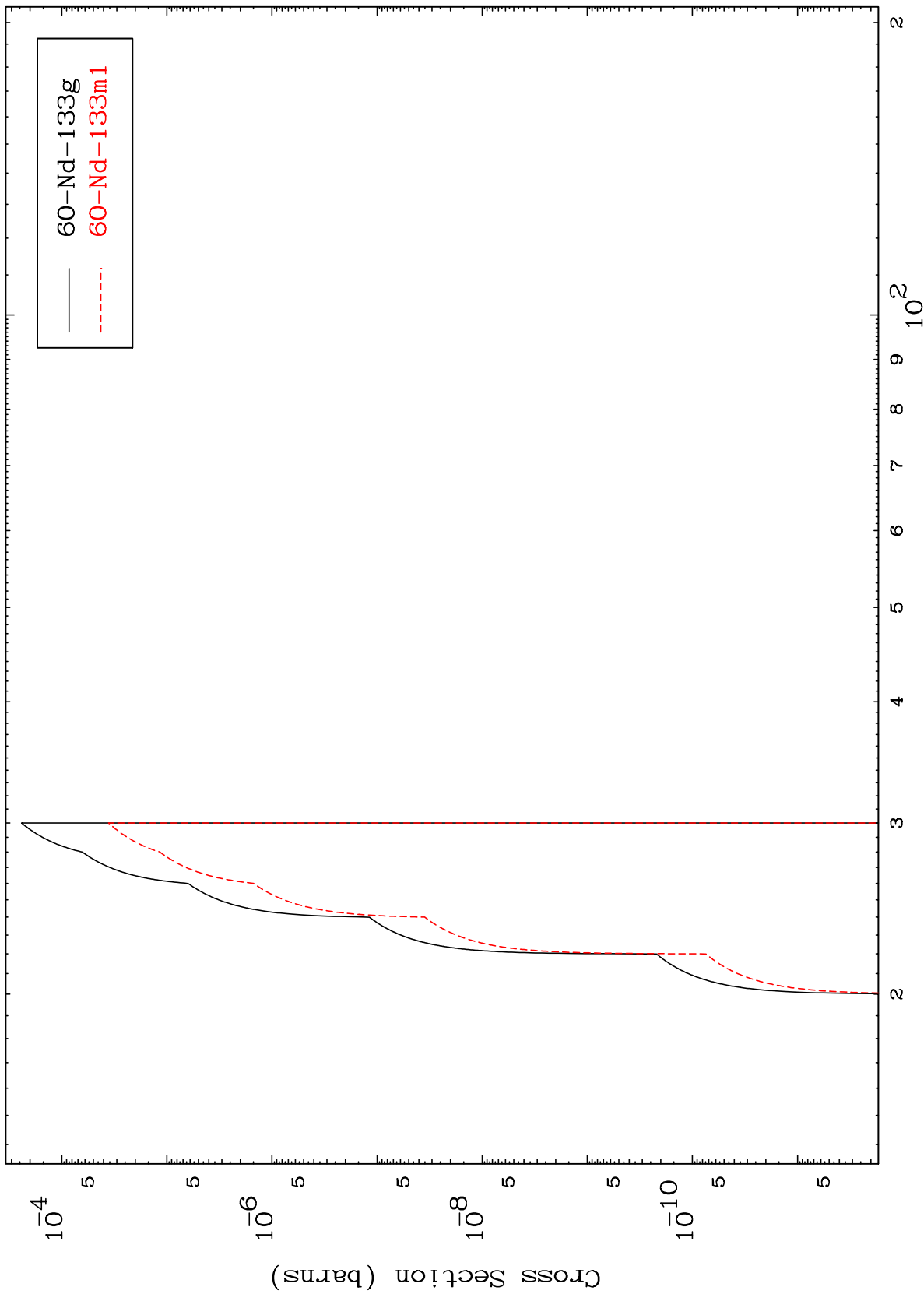
Legend:
— 60-Nd-133g
- - - 60-Nd-133m1

61-Pm-136

Incident Energy (MeV)

20

Radionuclide Production Cross Section

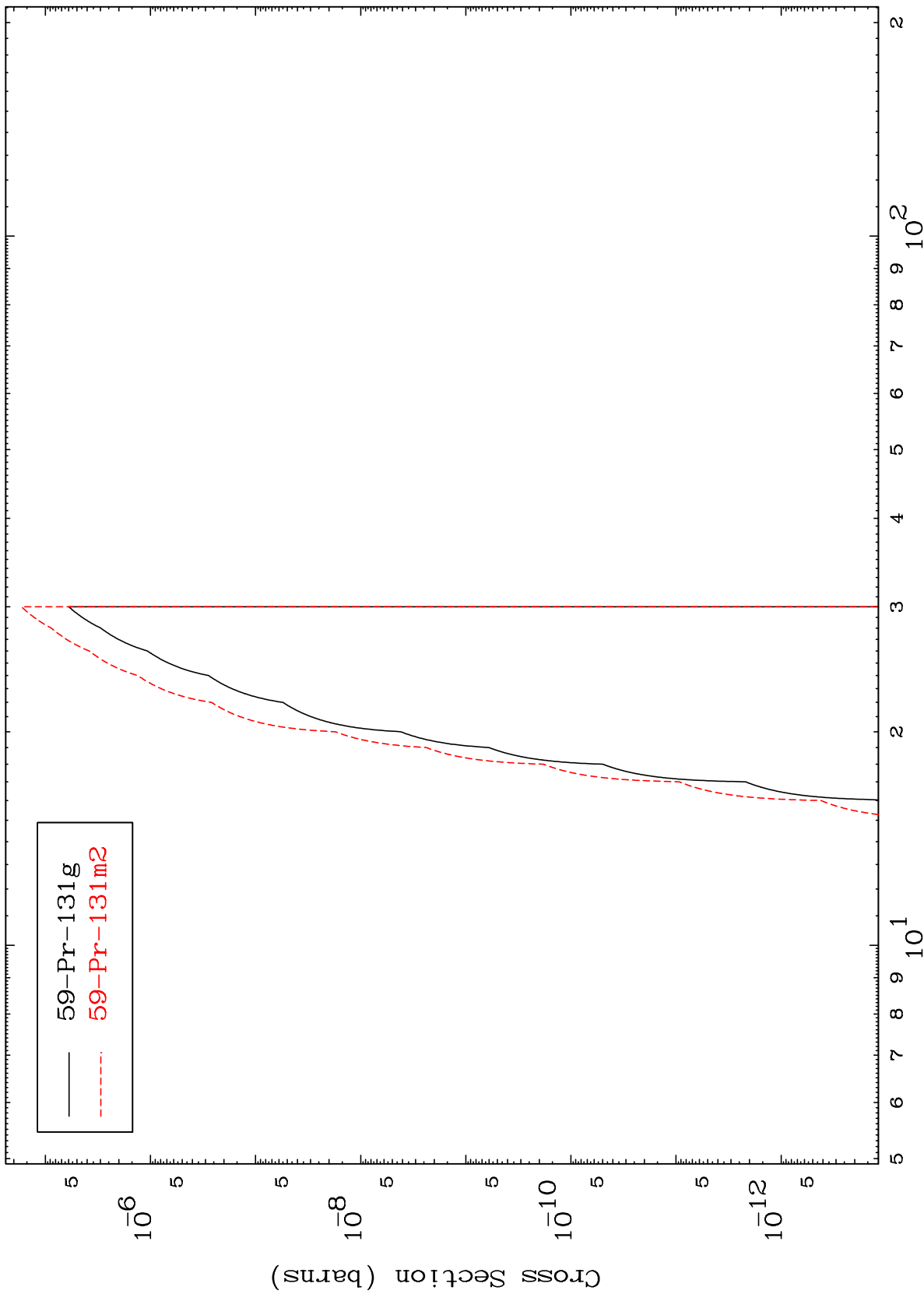


MAT 6116

(p,d) α

61-Pm-136

Radionuclide Production Cross Section



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

22

Incident Energy (MeV)

61-Pm-136