

Program EVALPLOT
(Version 2018-1)

by

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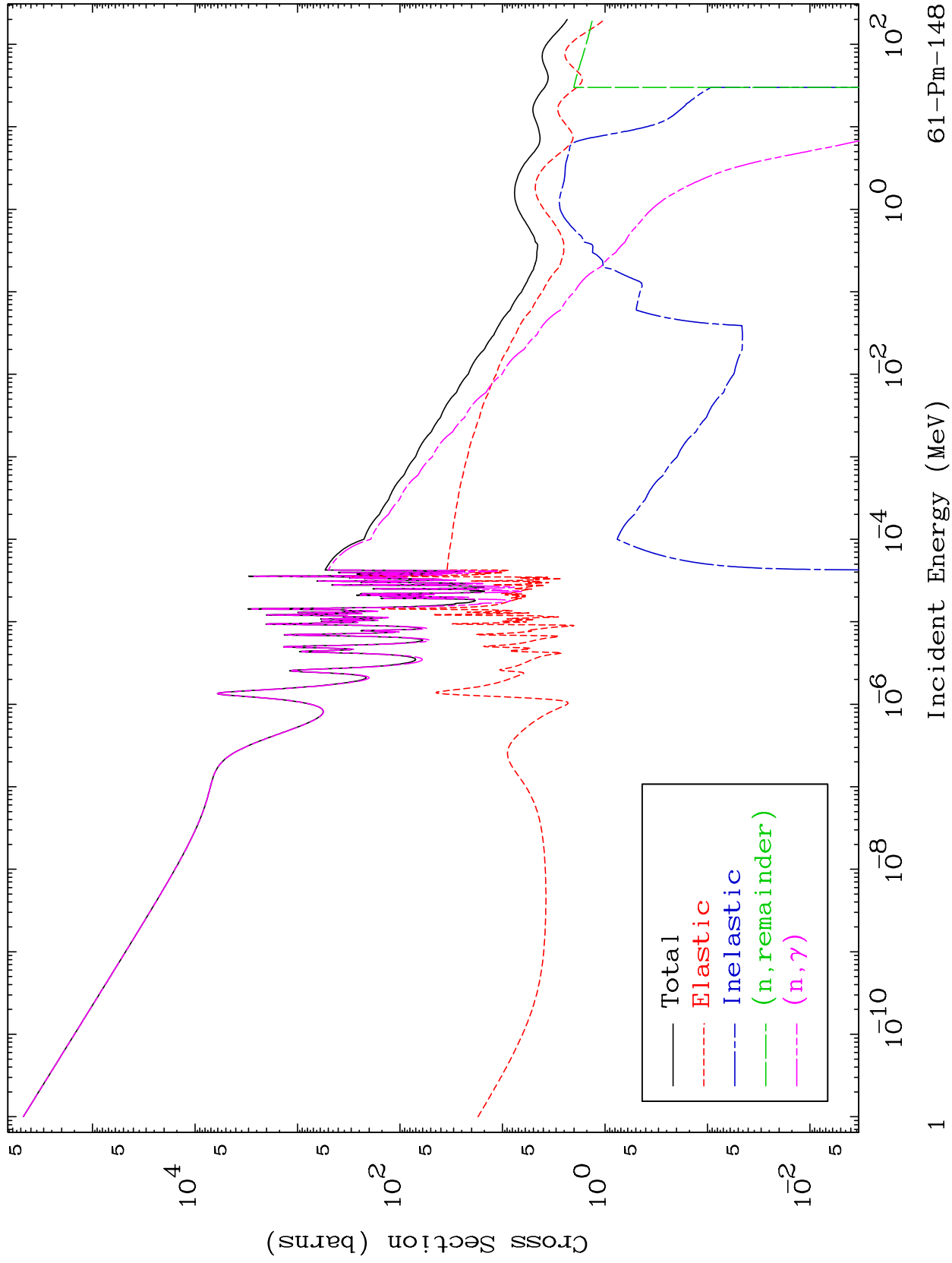
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6153

Major
293 Kelvin Cross Sections

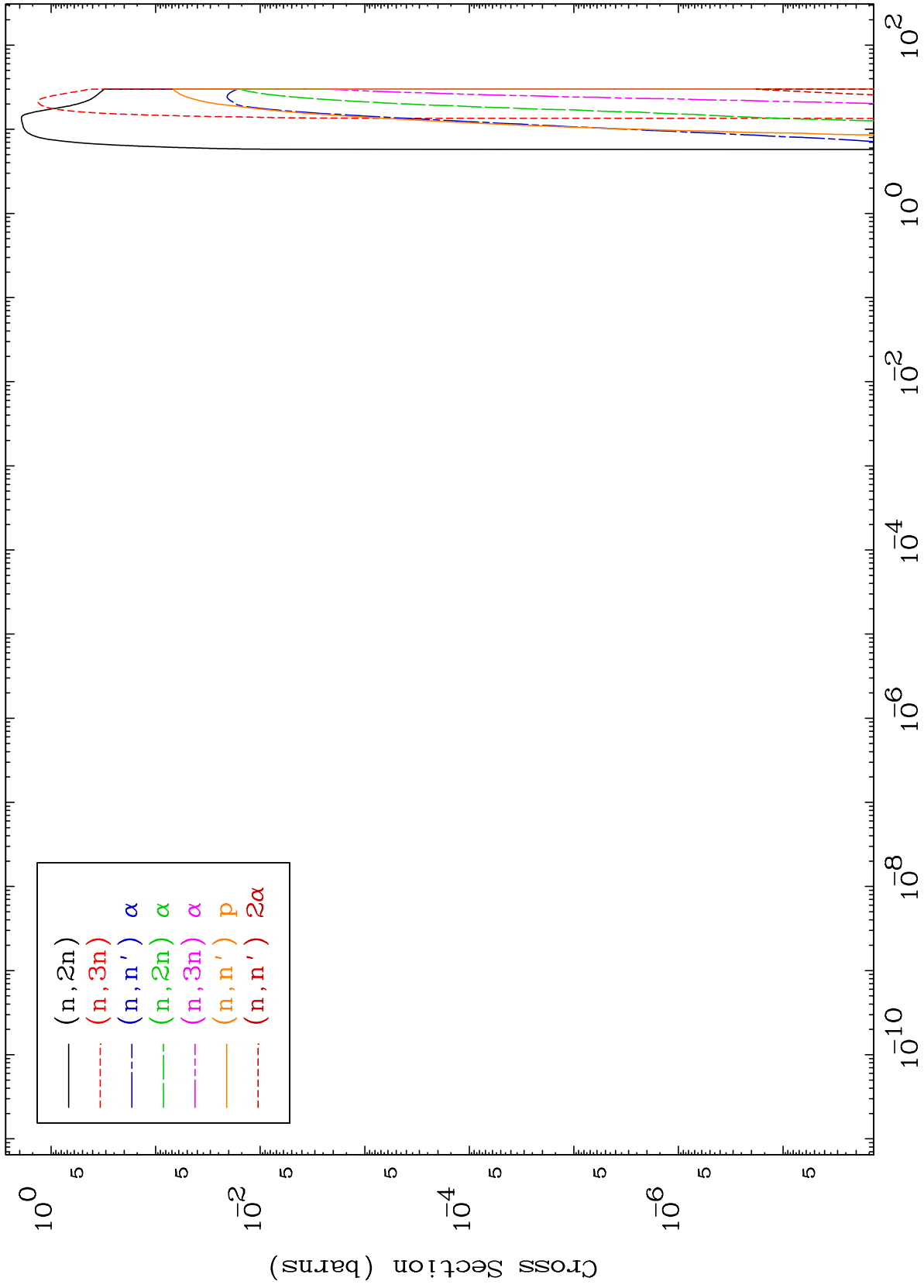
61-Pm-148



MAT 6153

Neutron Production
293 Kelvin Cross Sections

61-Pm-148



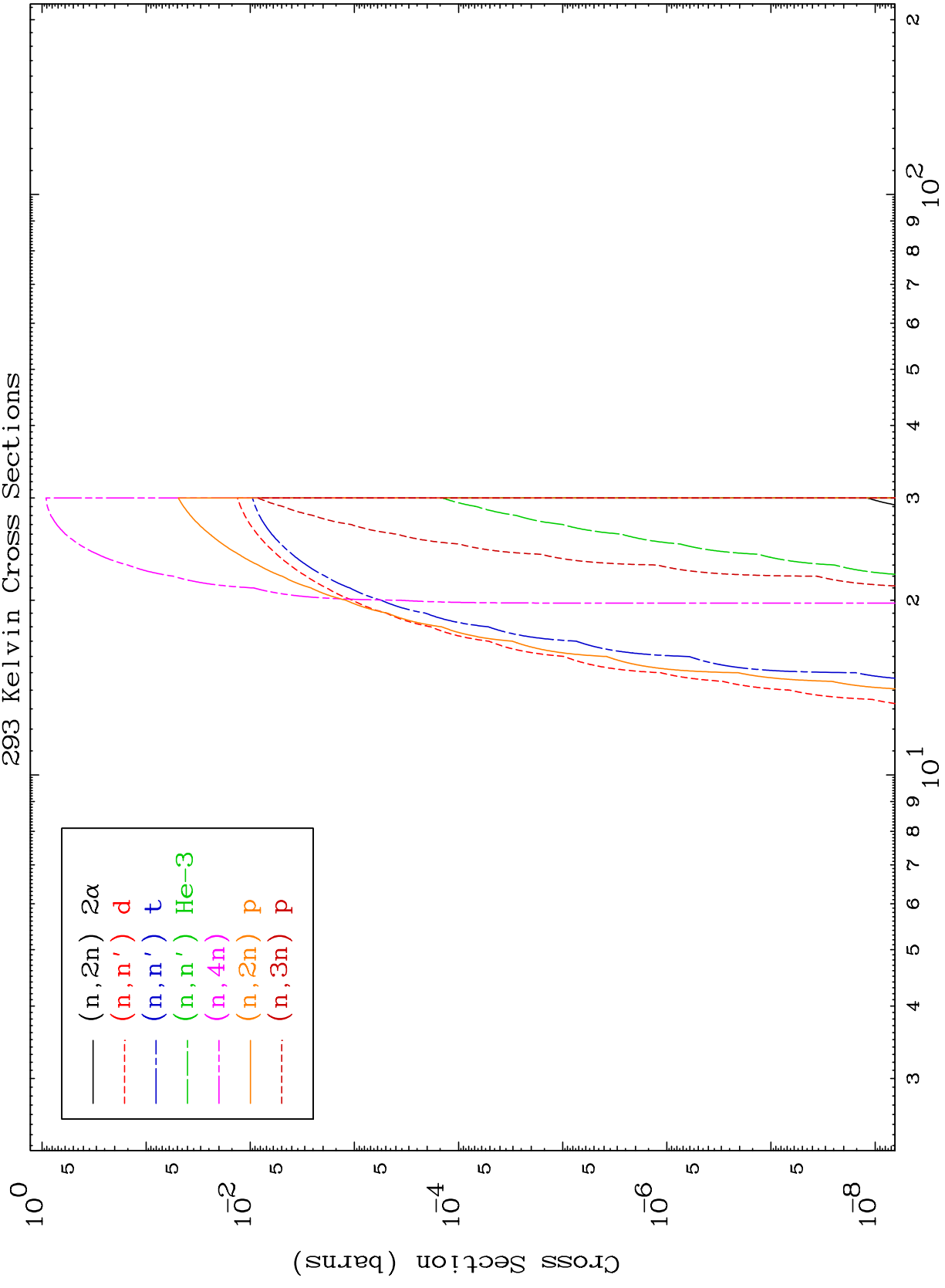
2

61-Pm-148

MAT 6153

Neutron Production
293 Kelvin Cross Sections

61-Pm-148



3

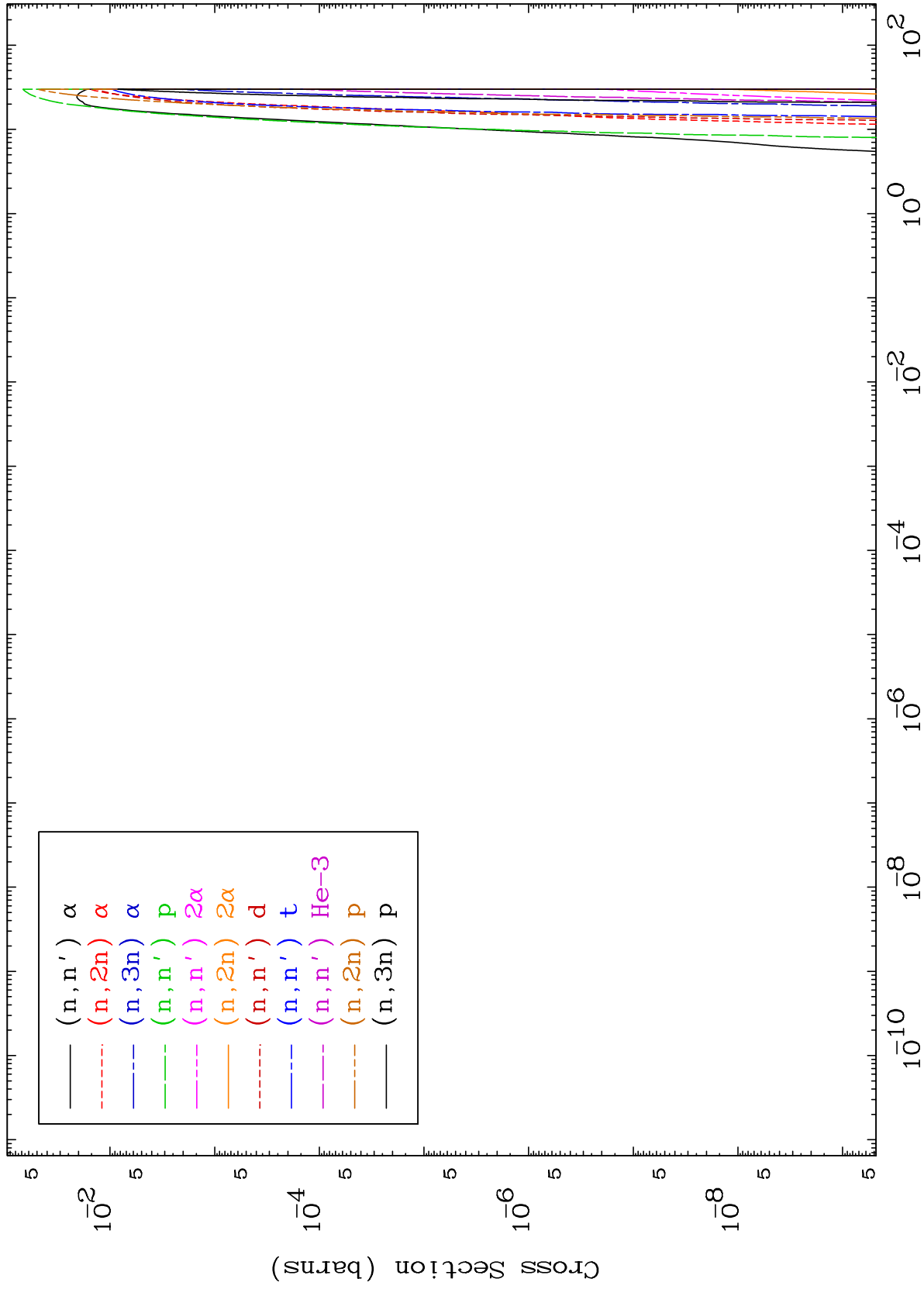
Incident Energy (MeV)

61-Pm-148

MAT 6153

293 Kelvin Cross Sections

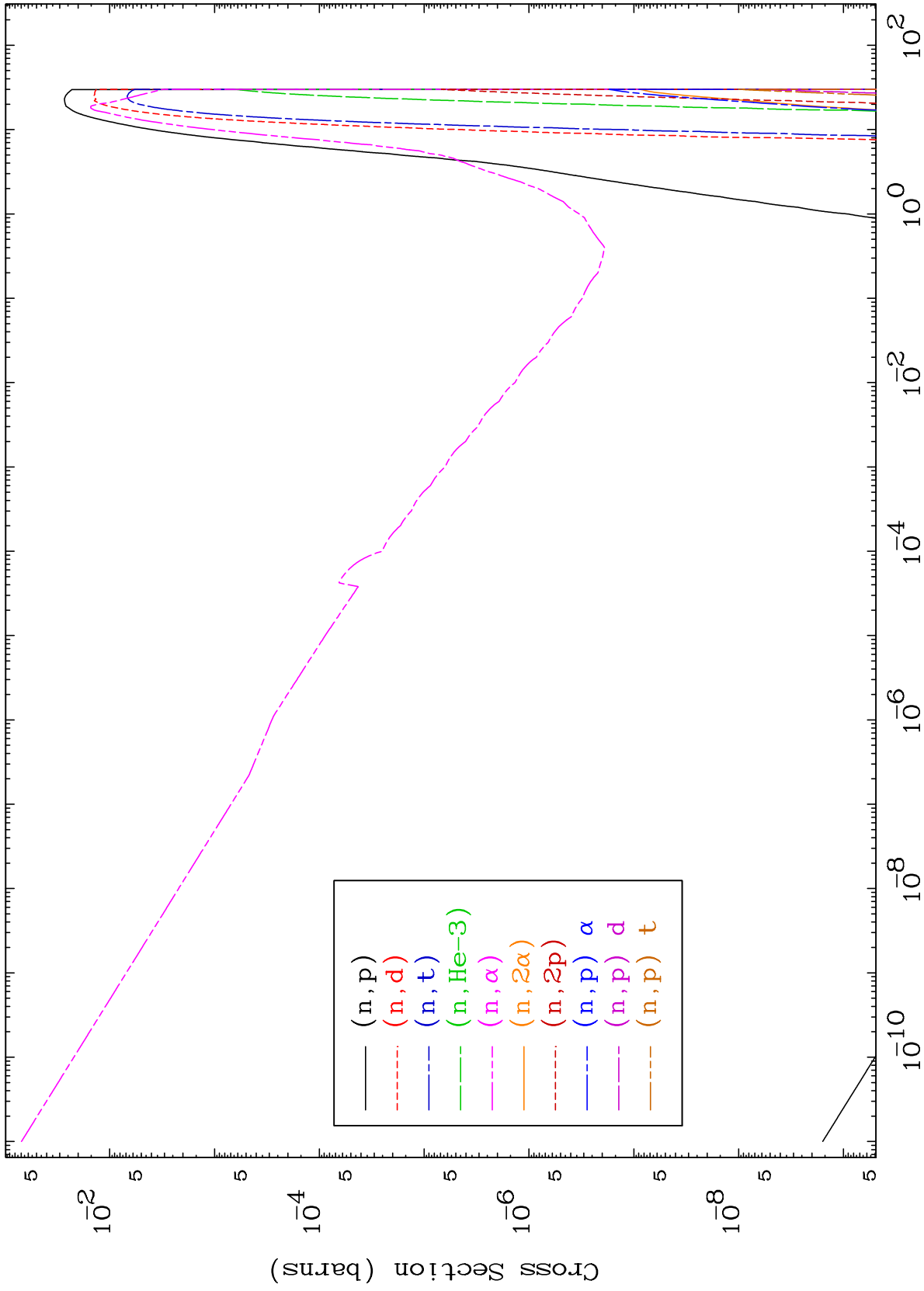
61-Pm-148



MAT 6153

293 Kelvin Charged Particle Cross Sections

61-Pm-148



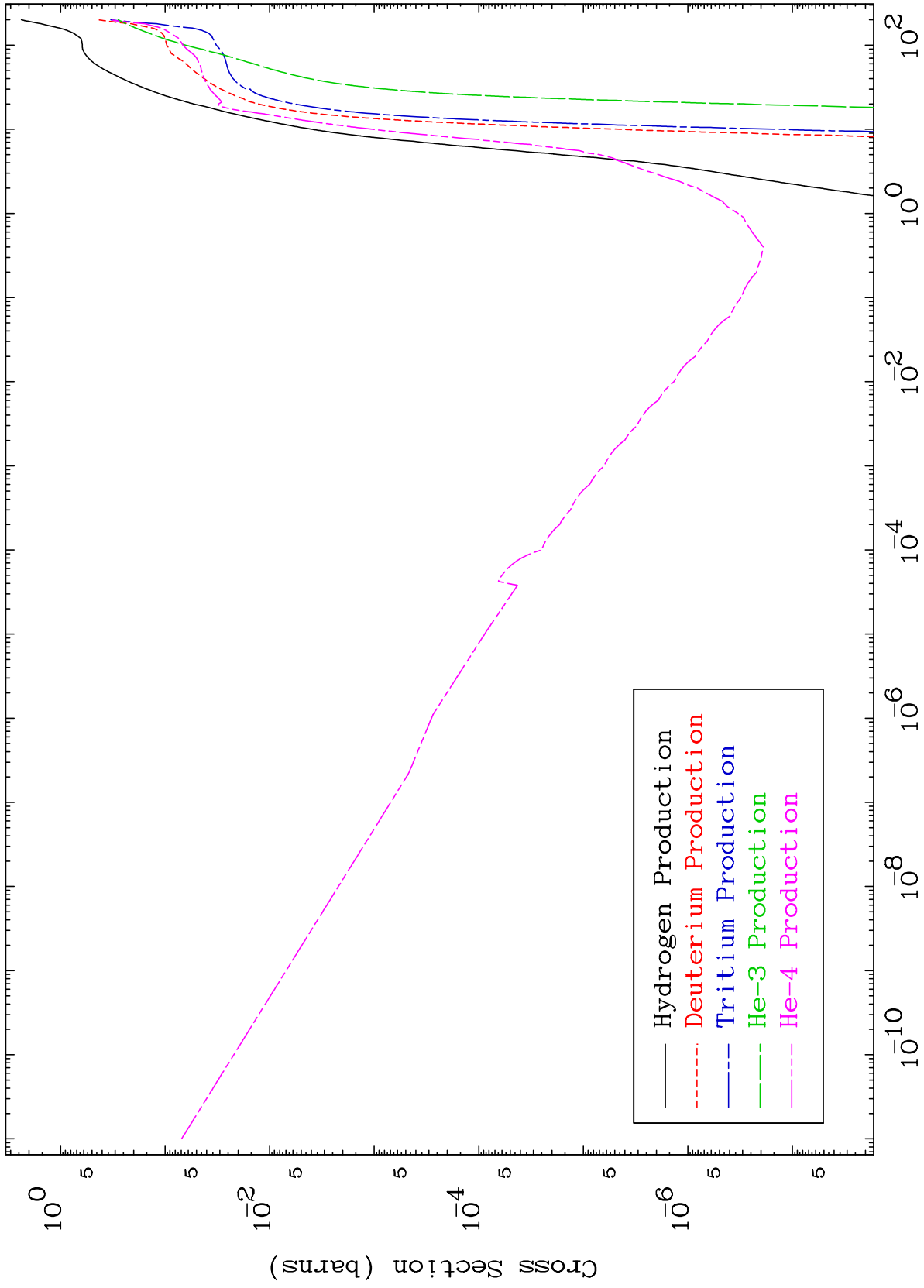
5

61-Pm-148

MAT 6153

Particle Production
293 Kelvin Cross Sections

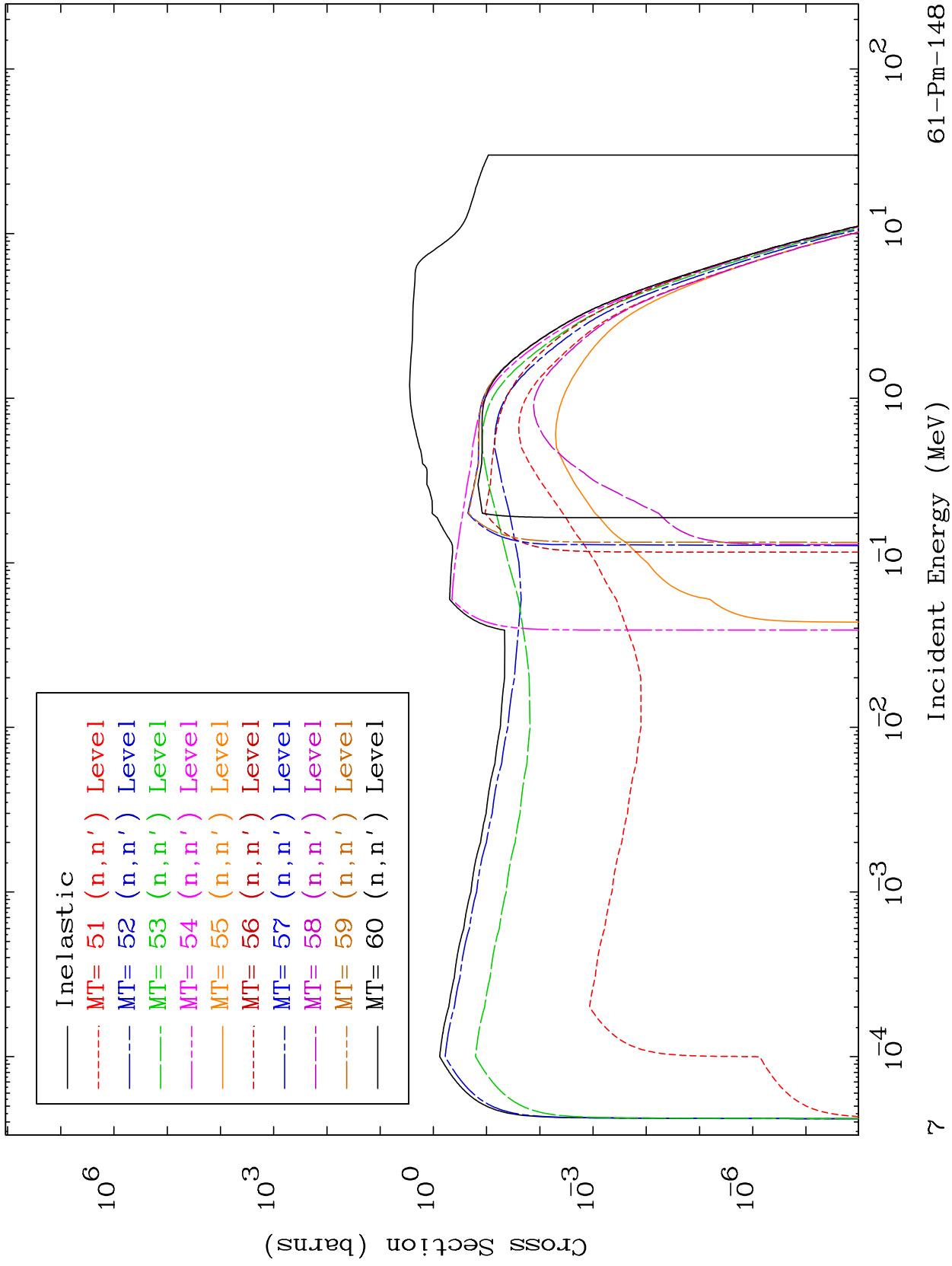
61-Pm-148



MAT 6153

(n,n') Level
293 Kelvin Cross Sections

61-Pm-148

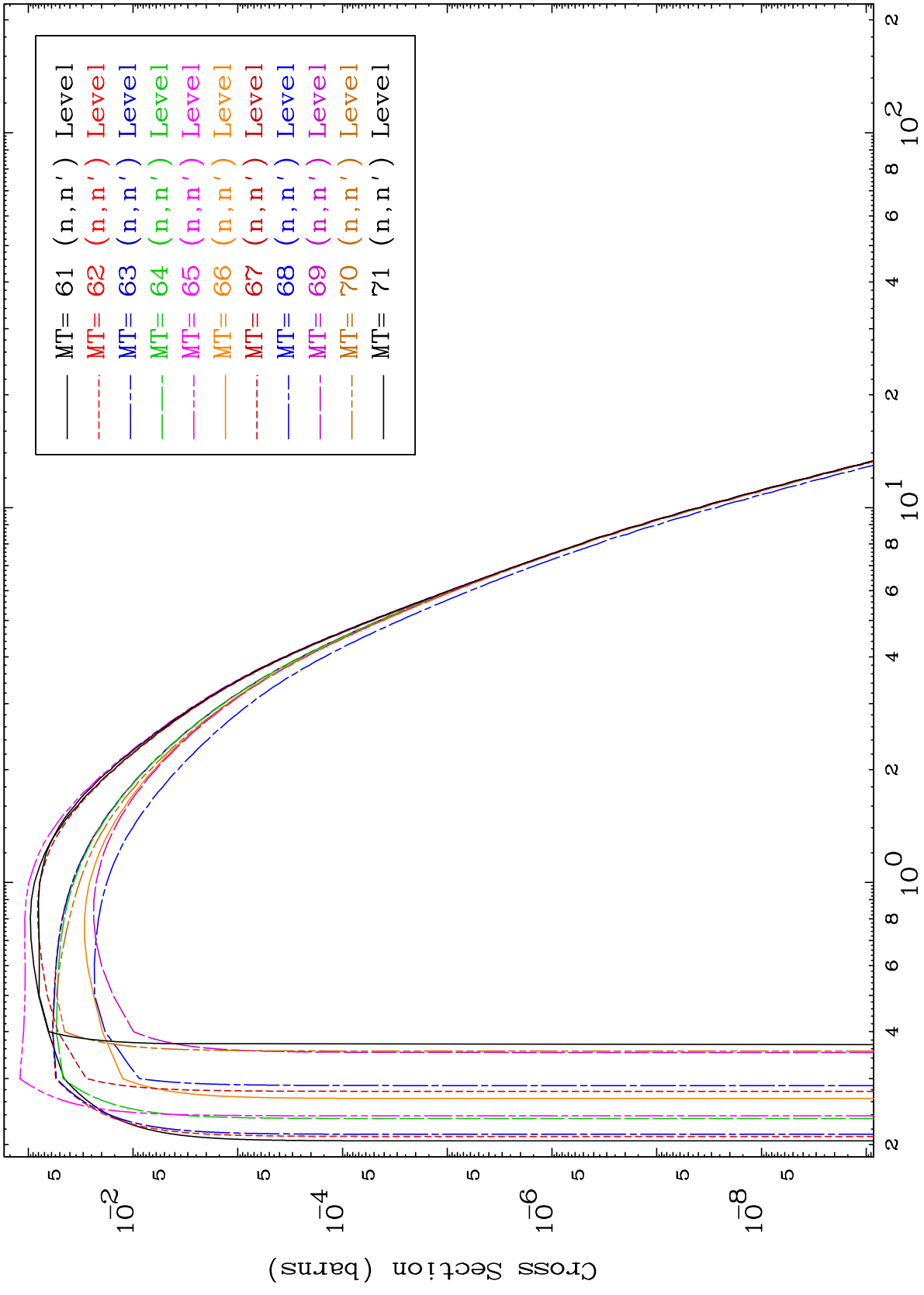


MAT 6153

(n,n') Level

61-Pm-148

293 Kelvin Cross Sections



8

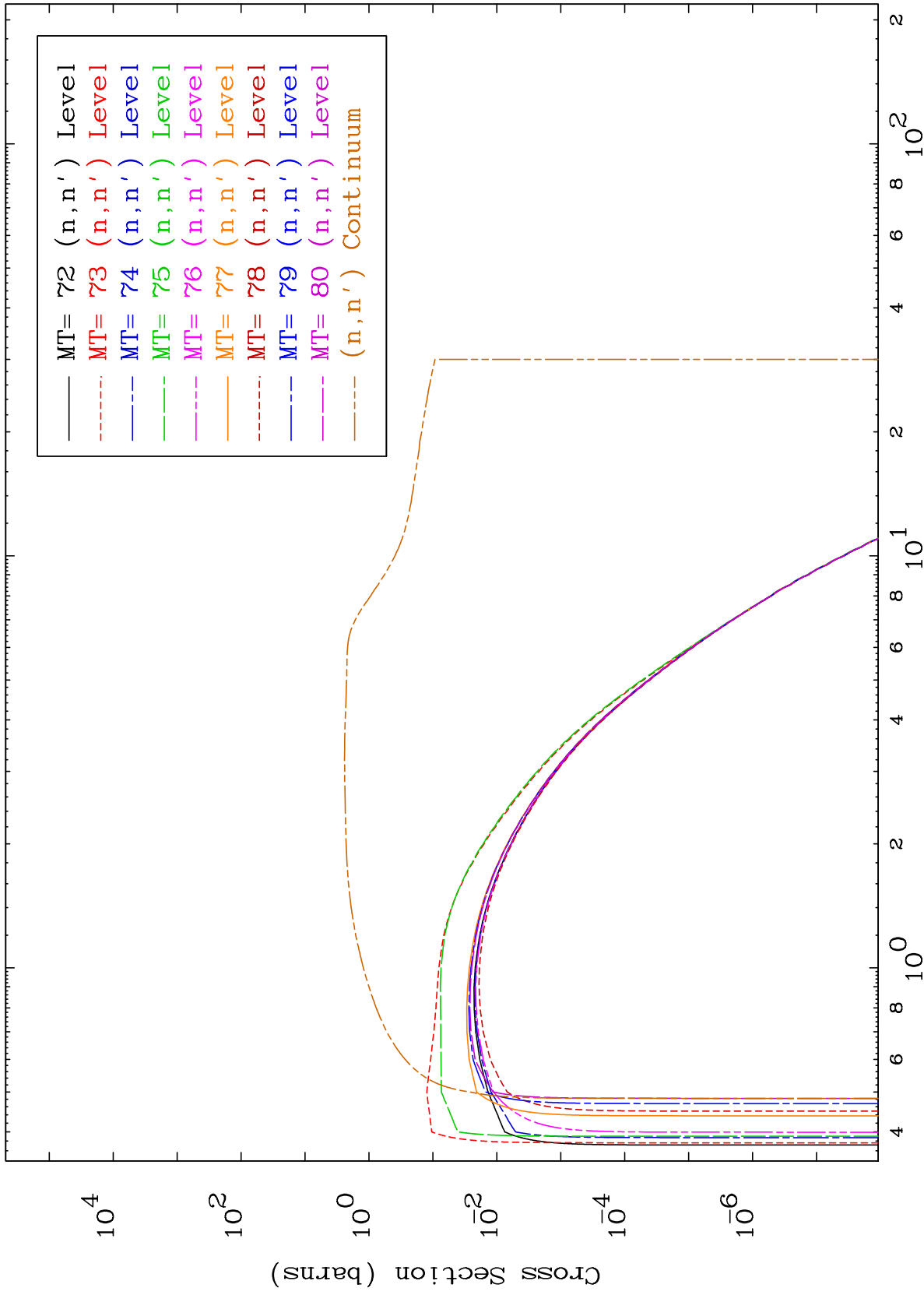
Incident Energy (MeV)

61-Pm-148

MAT 6153

(n,n') Level
293 Kelvin Cross Sections

61-Pm-148



9

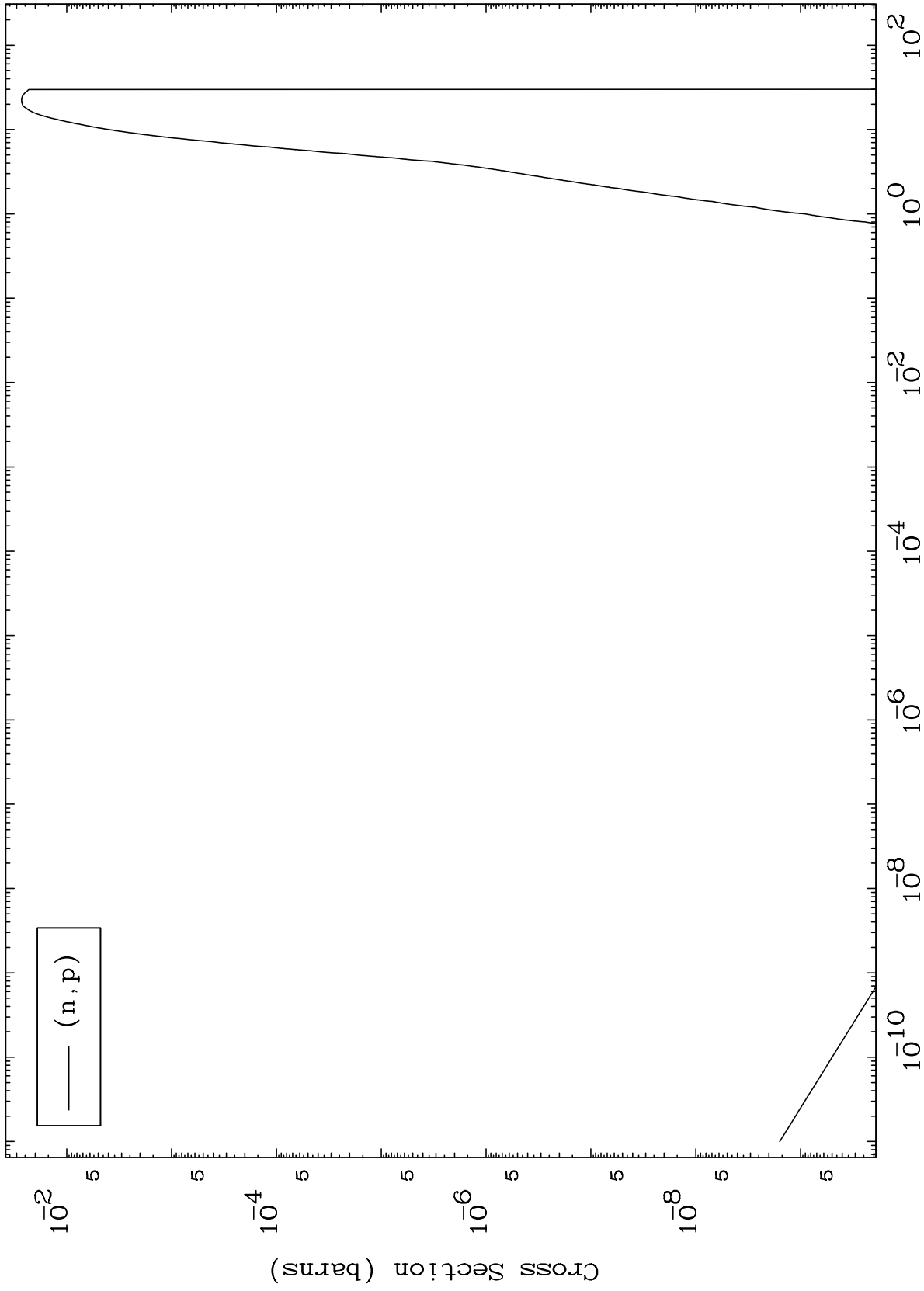
Incident Energy (MeV)

61-Pm-148

MAT 6153

(n,p) Levels
293 Kelvin Cross Sections

61-Pm-148



10

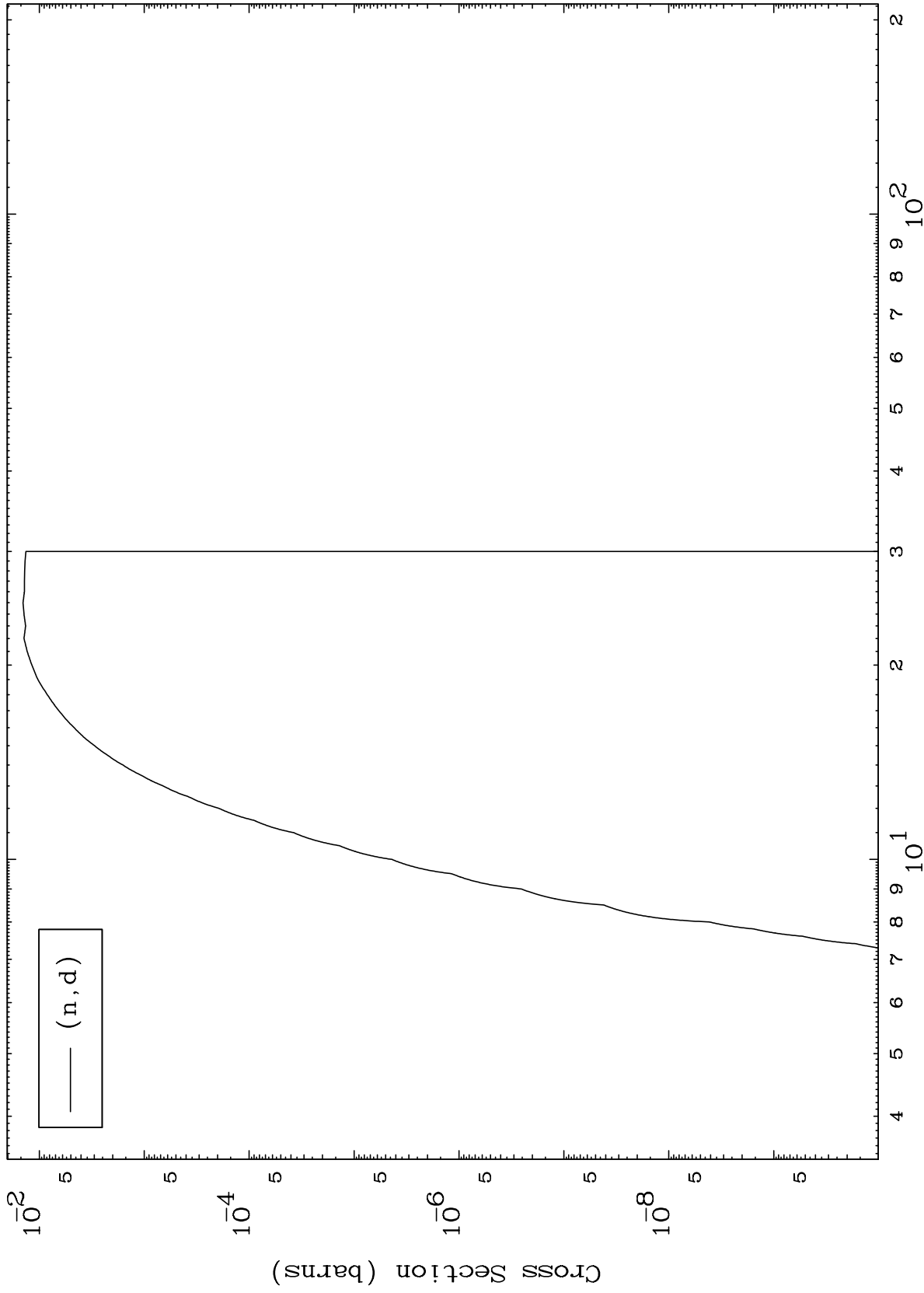
Incident Energy (MeV)

61-Pm-148

MAT 6153

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-148



11

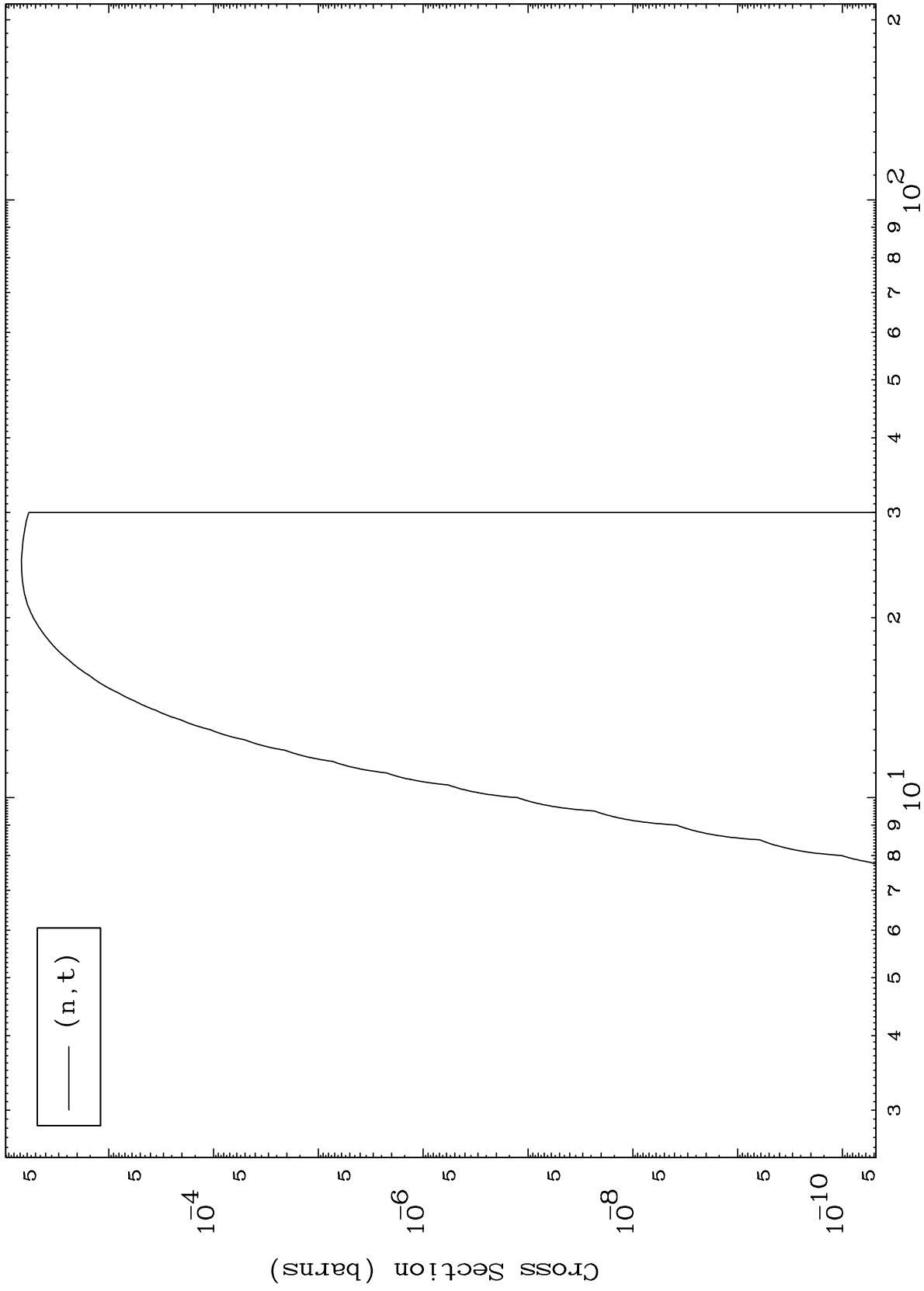
Incident Energy (MeV)

61-Pm-148

MAT 6153

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-148



12

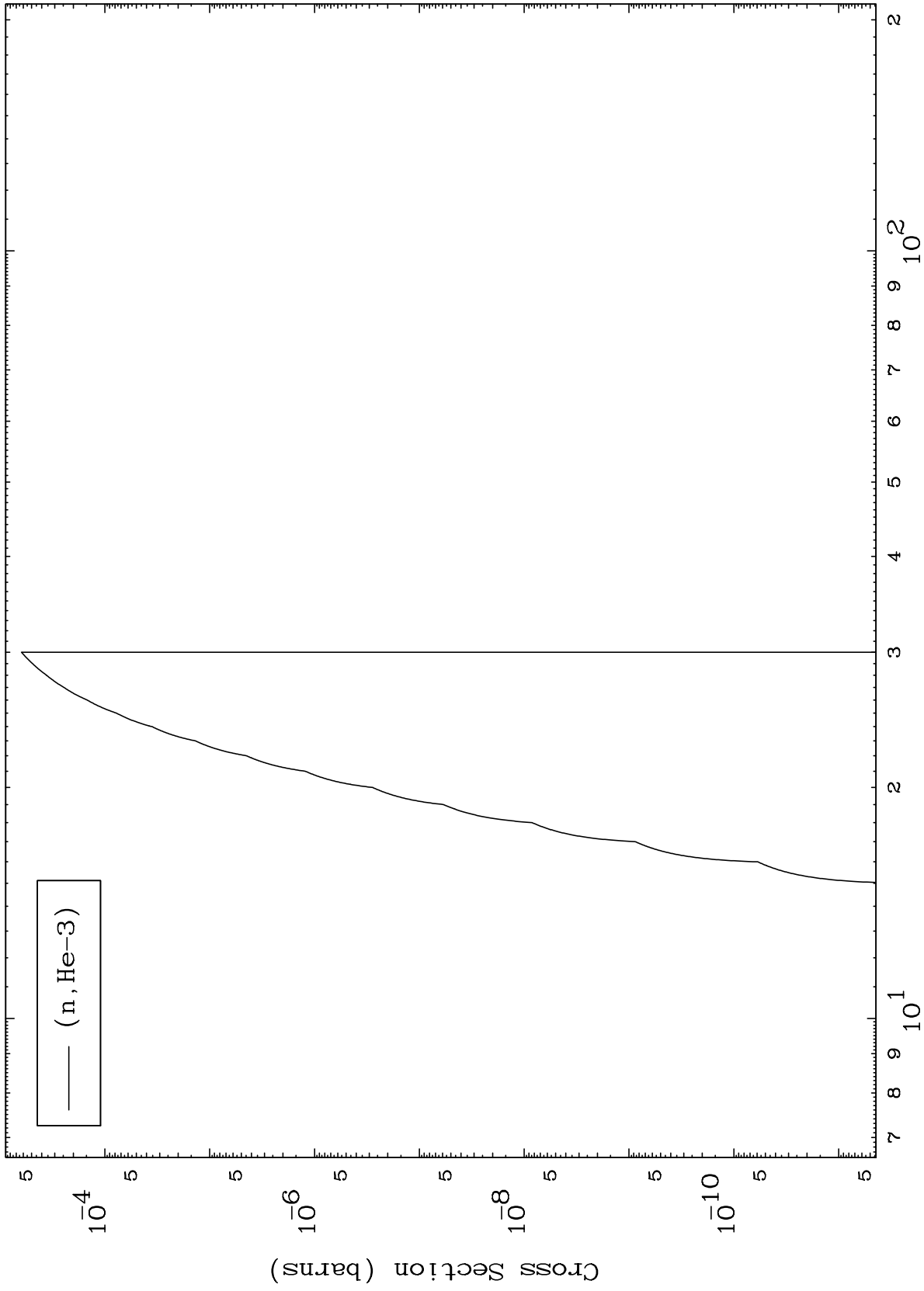
Incident Energy (MeV)

61-Pm-148

MAT 6153

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-148



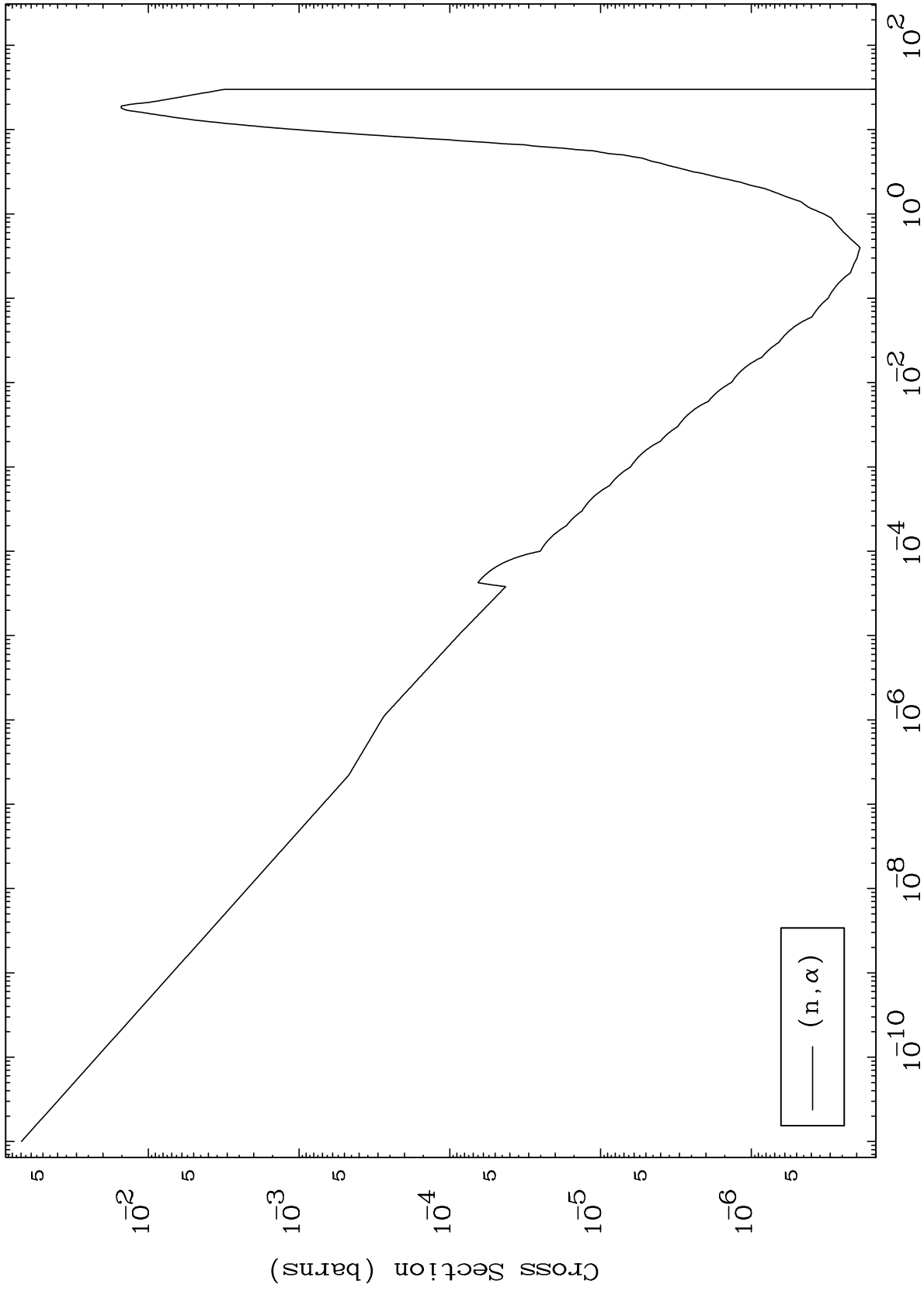
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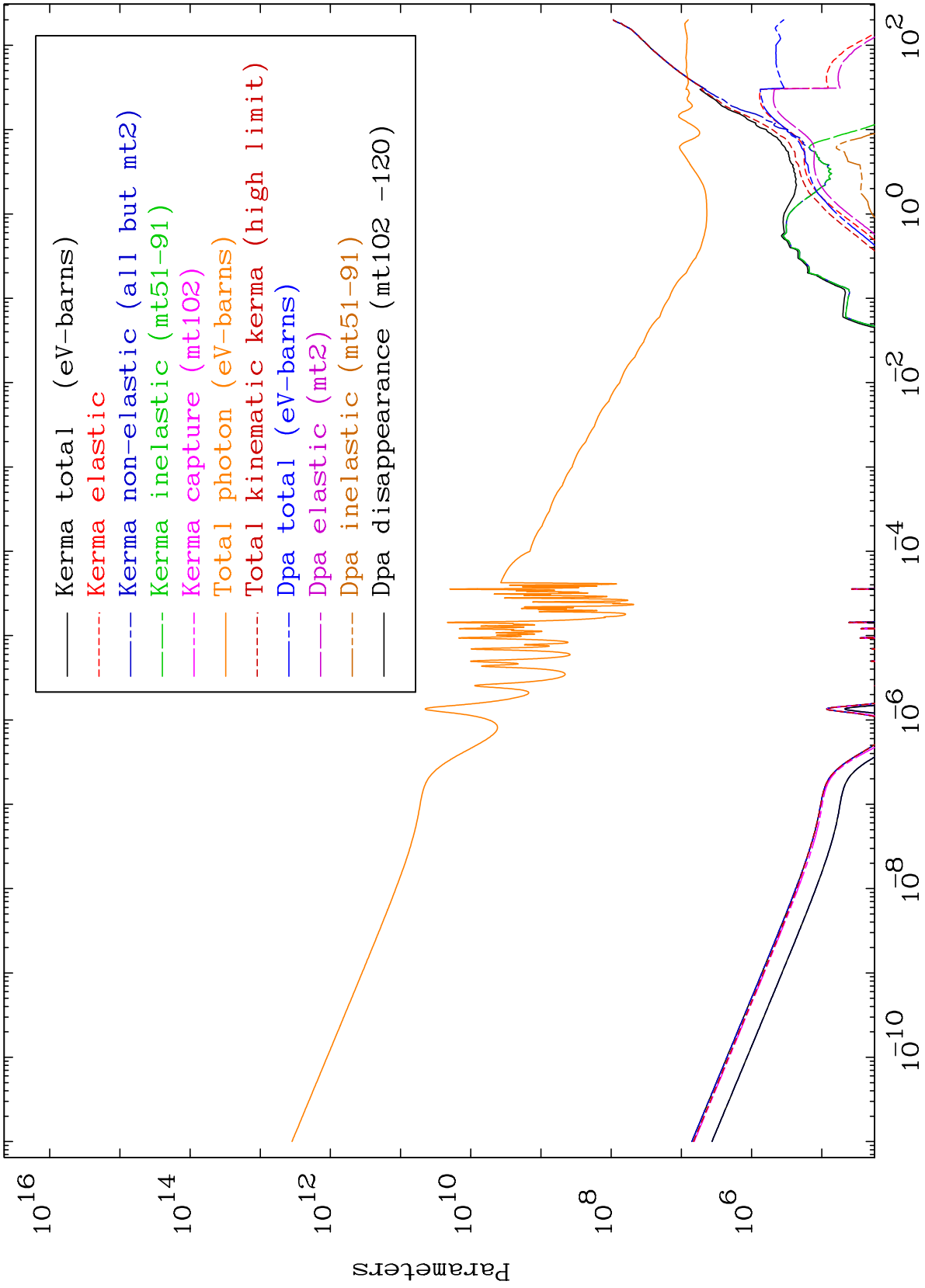
61-Pm-148

MAT 6153

(n,α) Levels
293 Kelvin Cross Sections

61-Pm-148

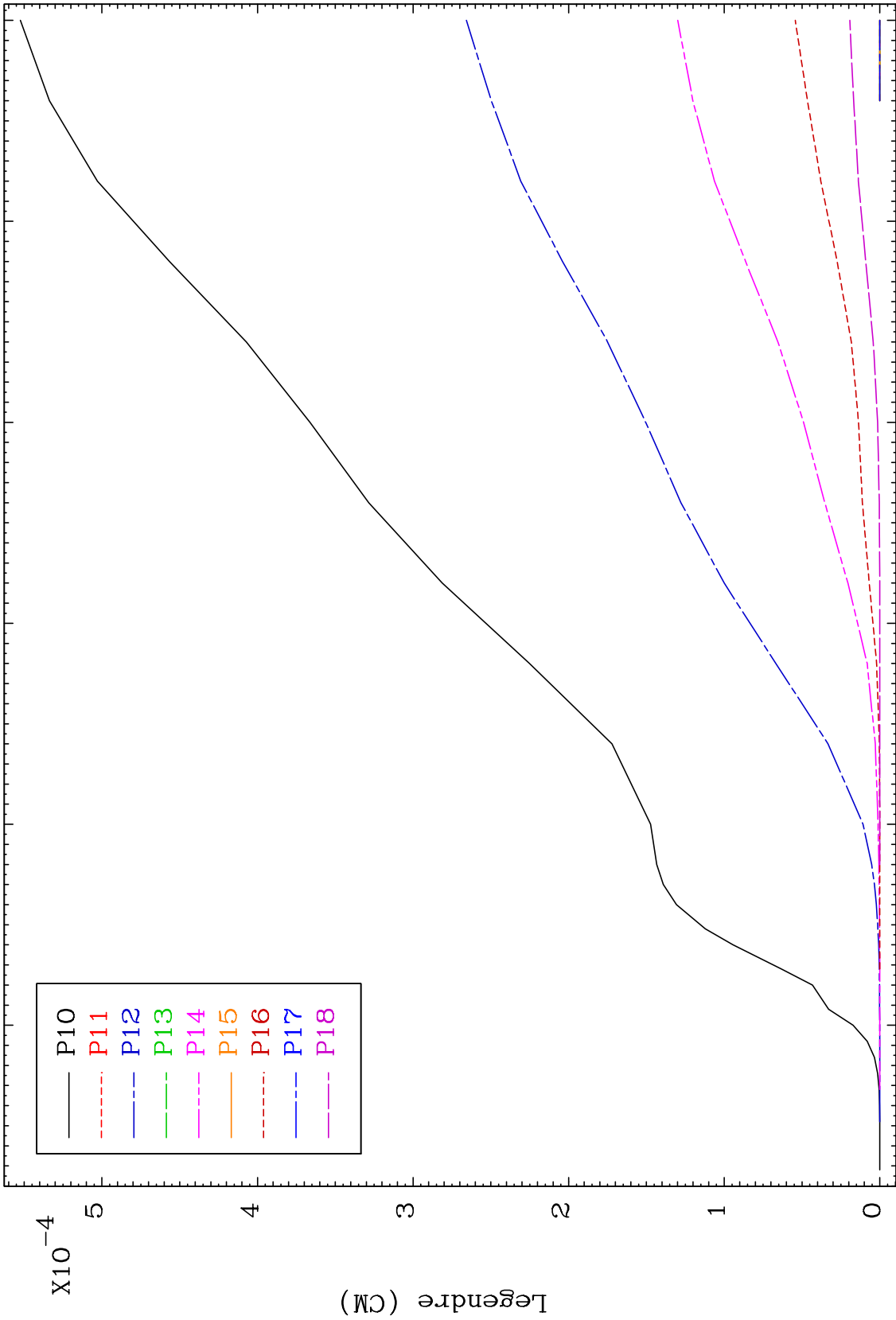




MAT 6153

Elastic Legendre Coefficients

61-Pm-148



17

Incident Energy (MeV)

61-Pm-148

MAT 6153

Elastic Legendre Coefficients

61-Pm-148



18

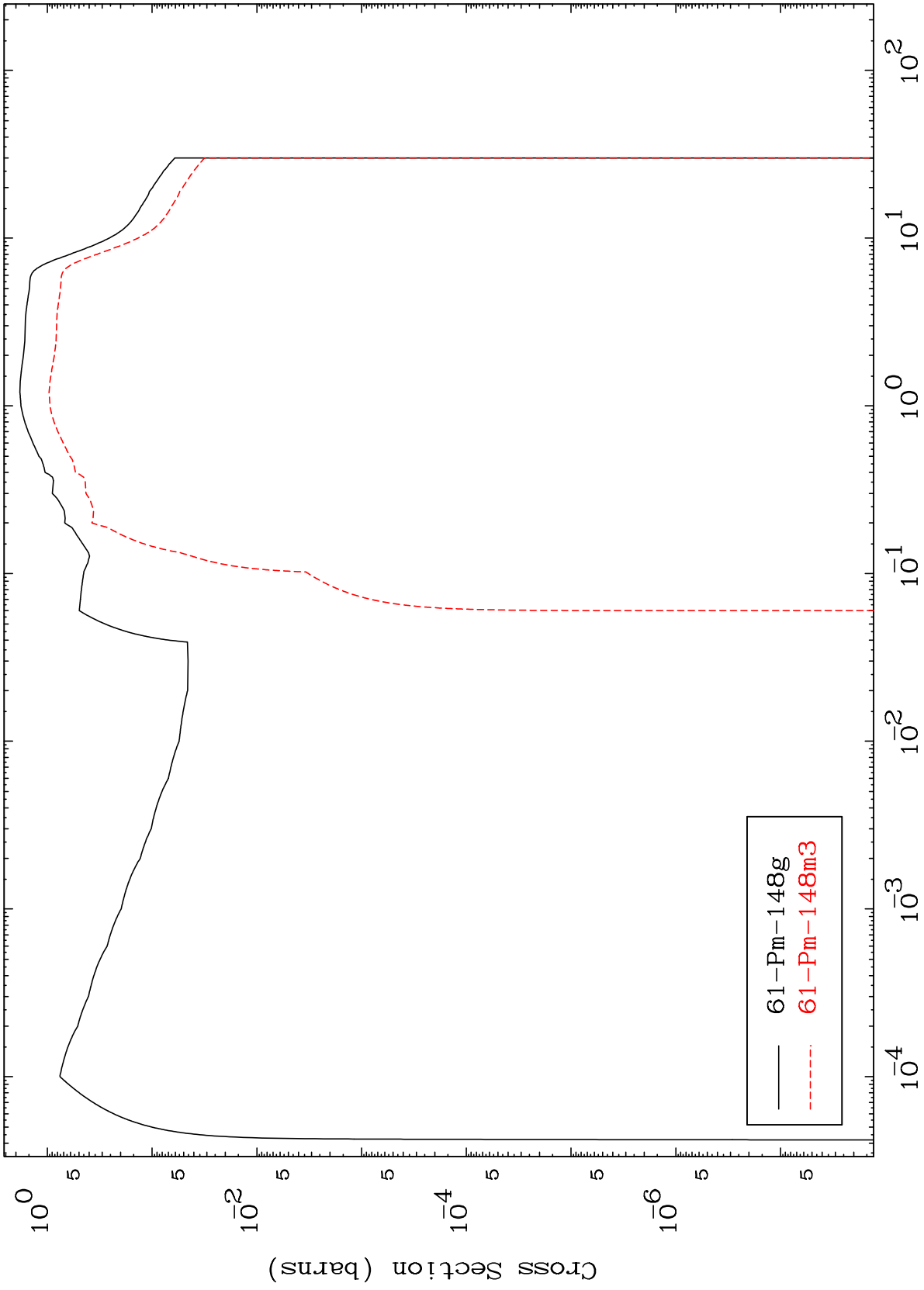
Incident Energy (MeV)

61-Pm-148

MAT 6153

61-Pm-148

Inelastic
Radionuclide Production Cross Section



19

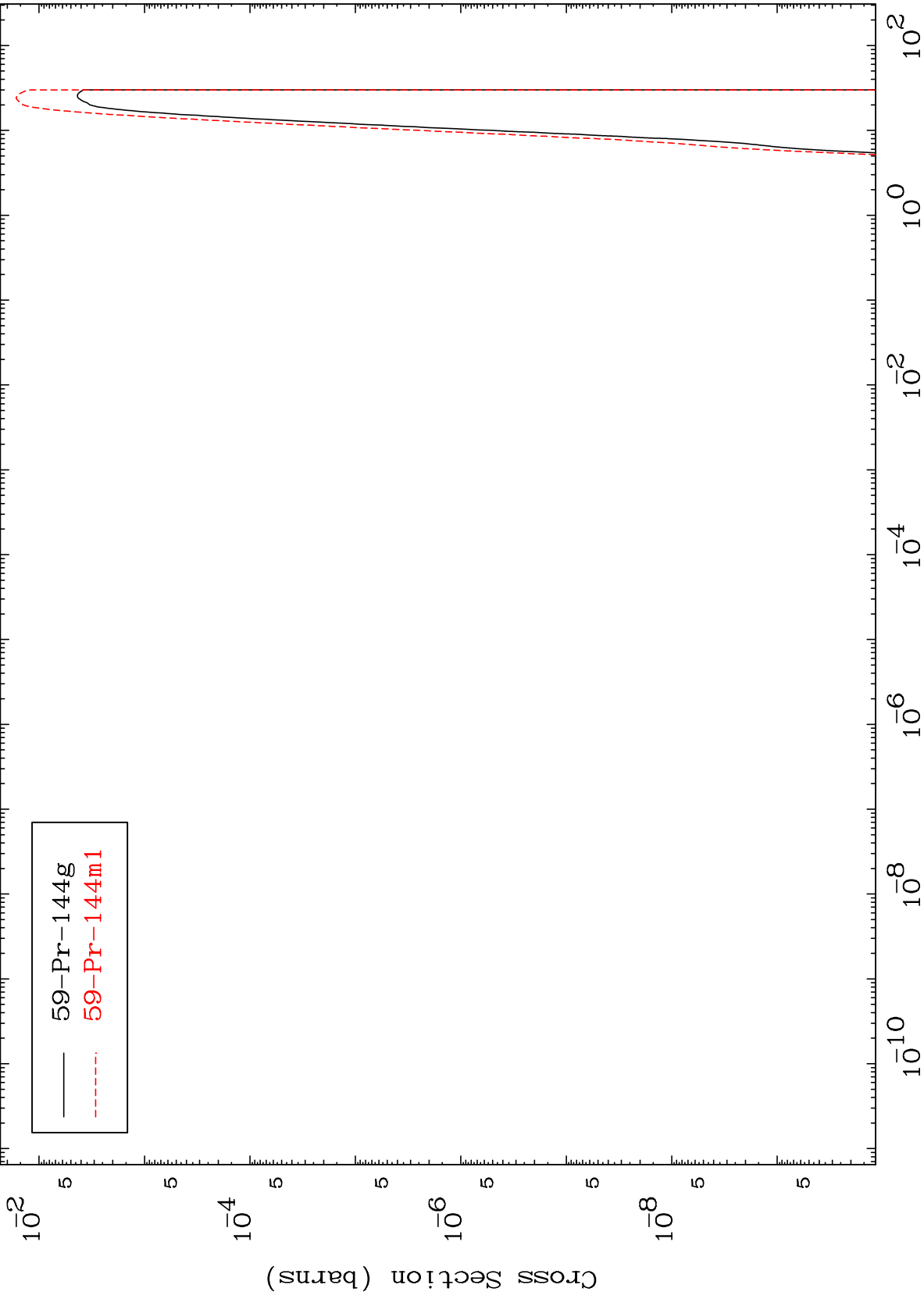
61-Pm-148

MAT 6153

(n,n') α

61-Pm-148

Radionuclide Production Cross Section



20

Incident Energy (MeV)

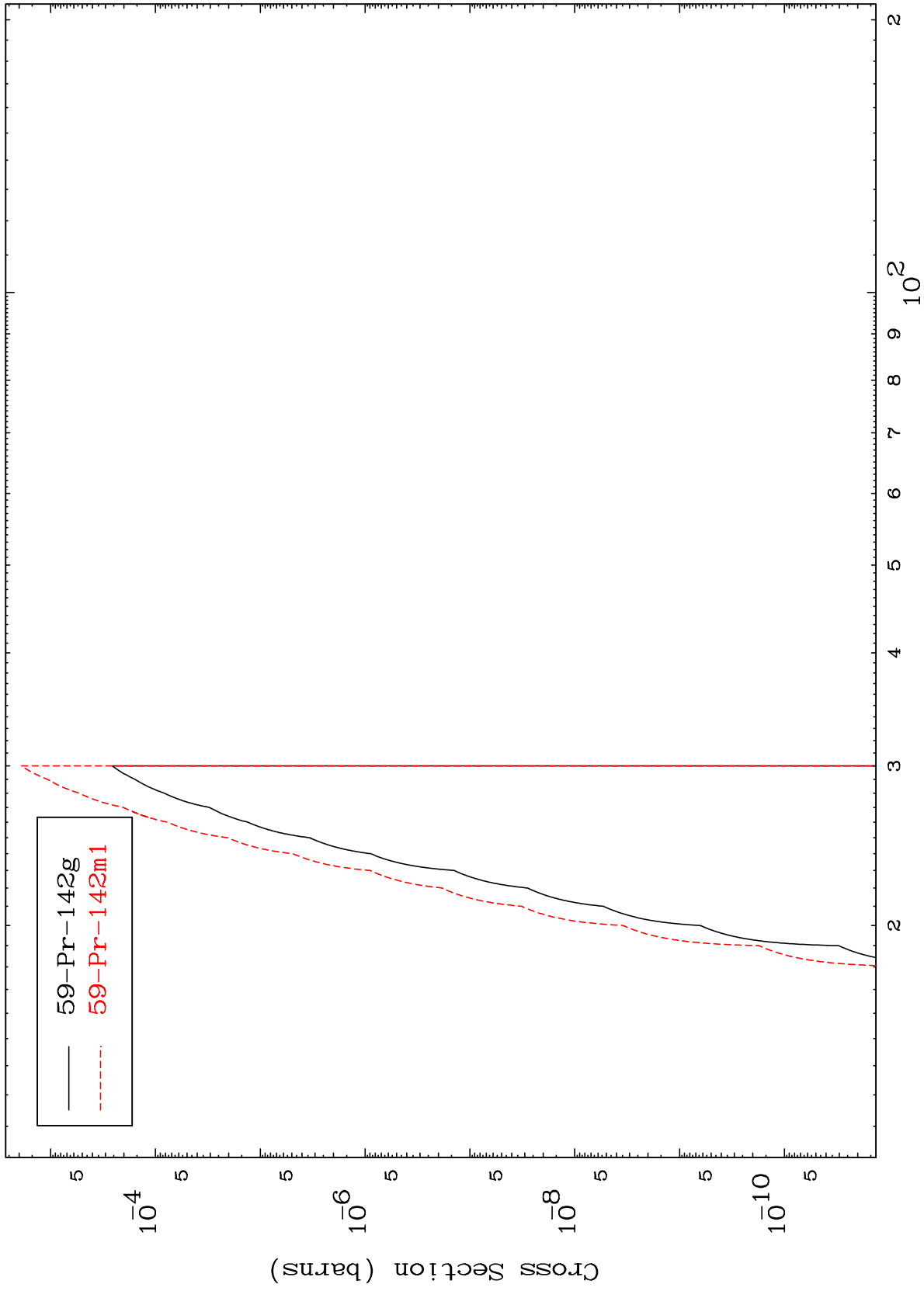
61-Pm-148

MAT 6153

(n,3n) α

61-Pm-148

Radionuclide Production Cross Section



21

61-Pm-148

61-Pm-148