

Program EVALPLOT
(Version 2017-1)

by

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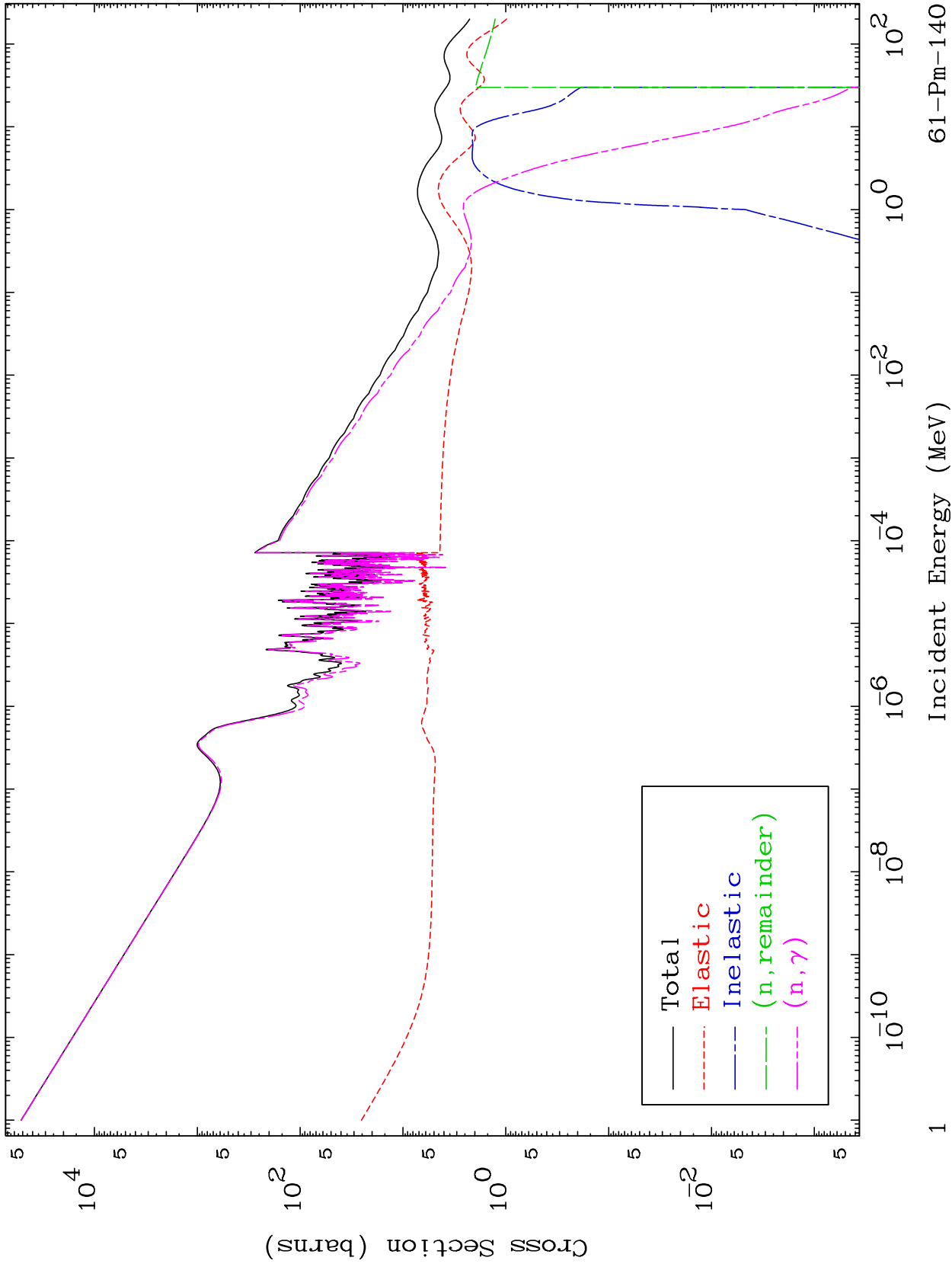
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6129

Major
293 Kelvin Cross Sections

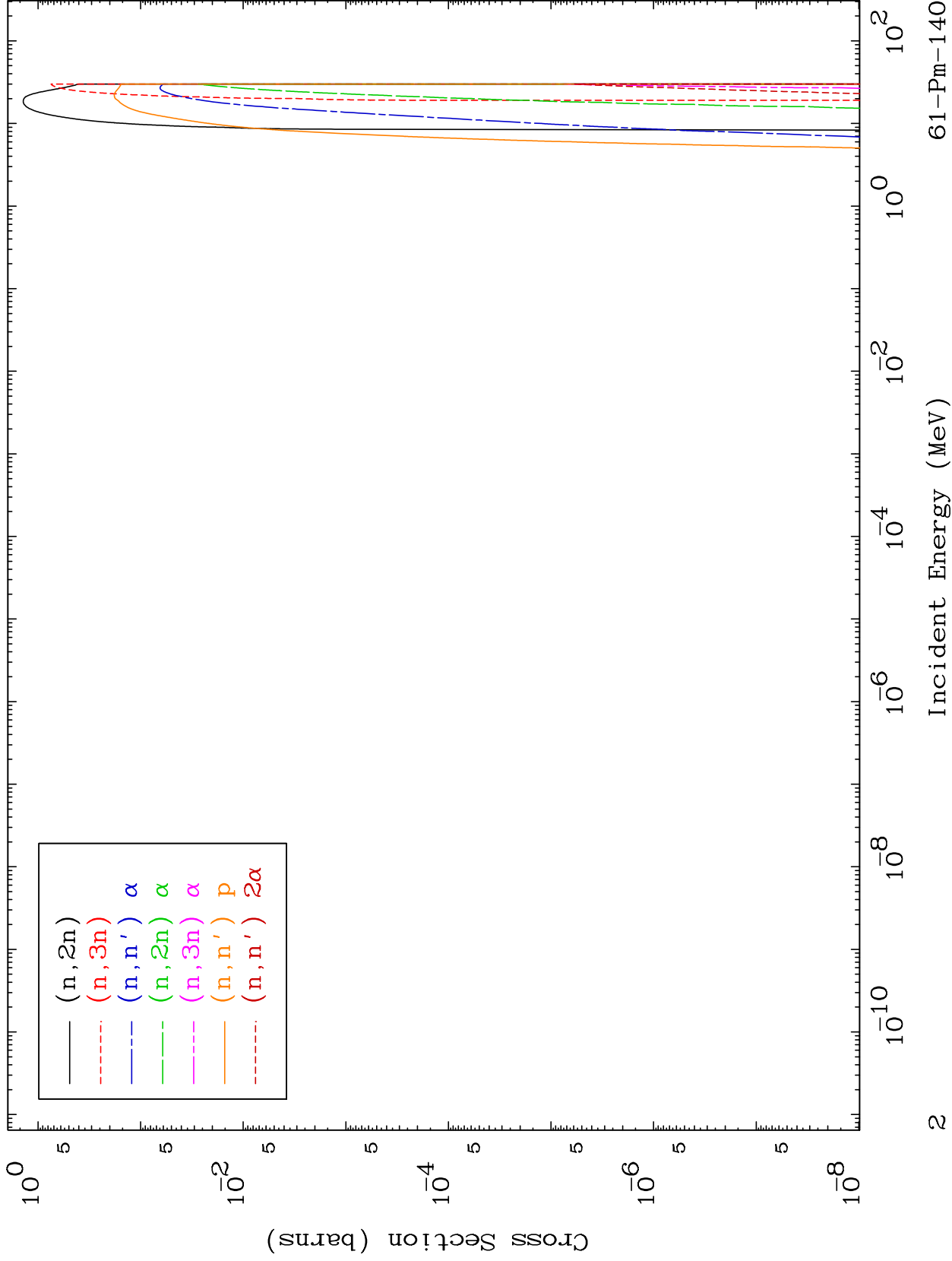
61-Pm-140

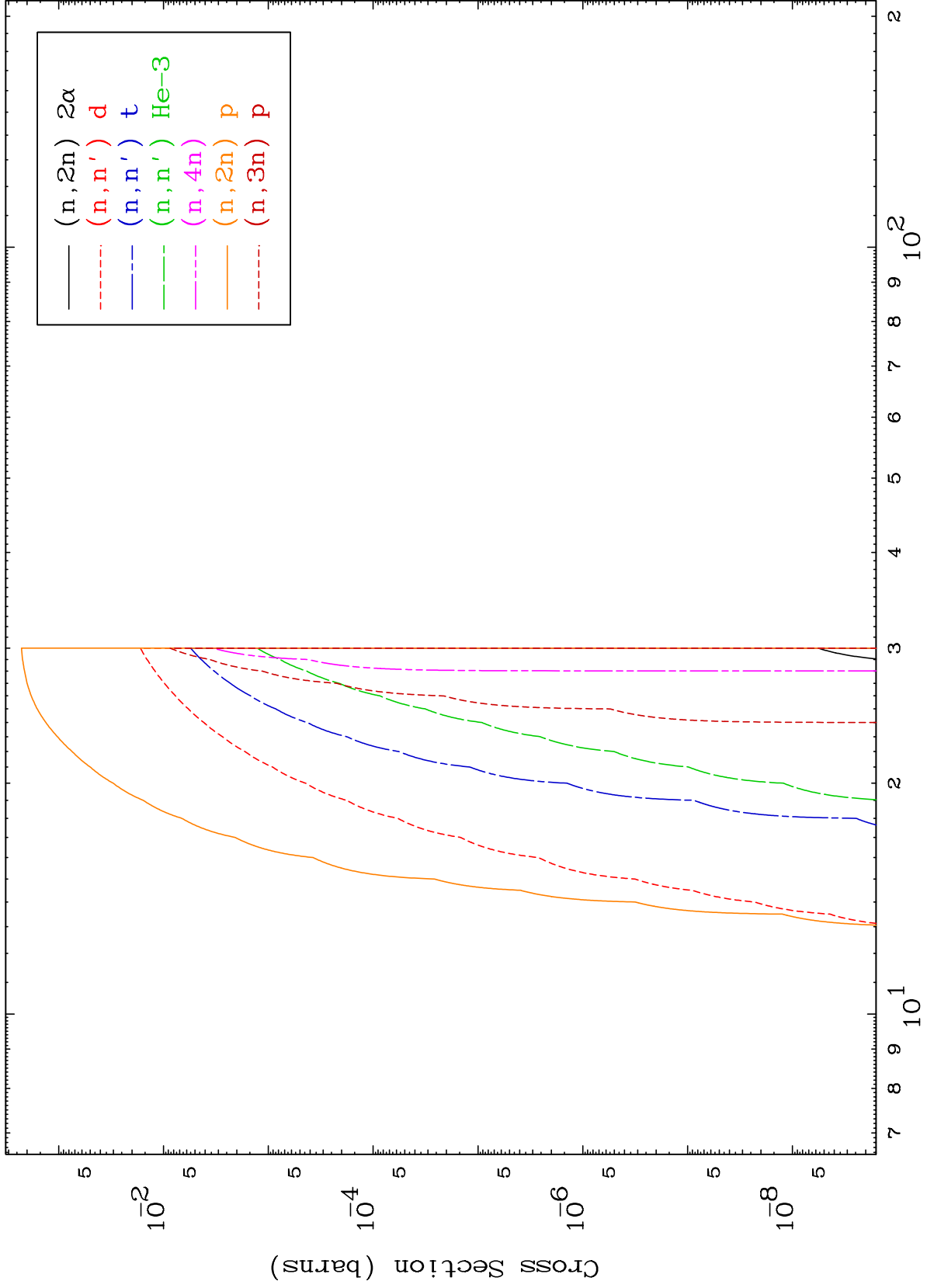


MAT 6129

Neutron Production
293 Kelvin Cross Sections

61-Pm-140

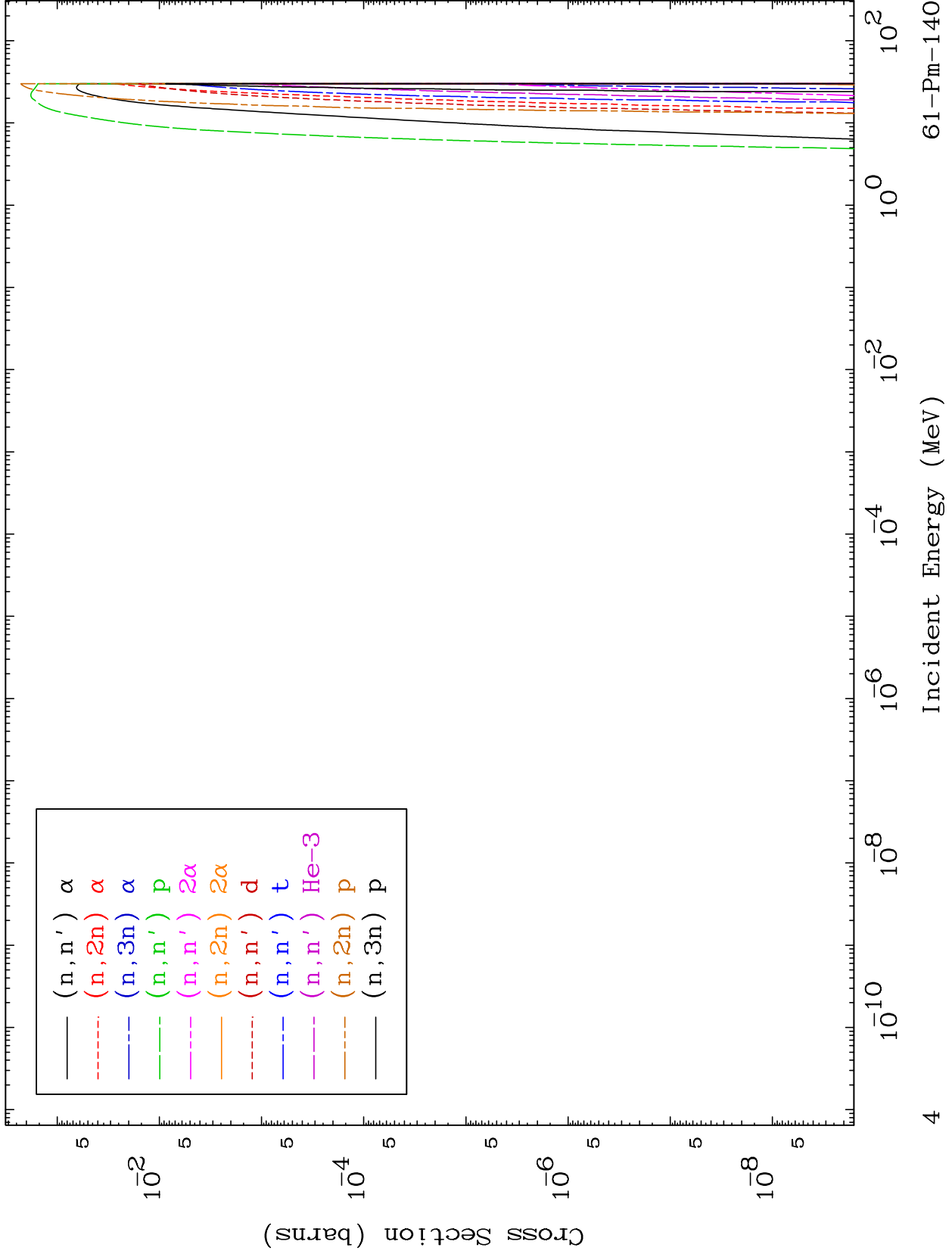




MAT 6129

Charged Particle
293 Kelvin Cross Sections

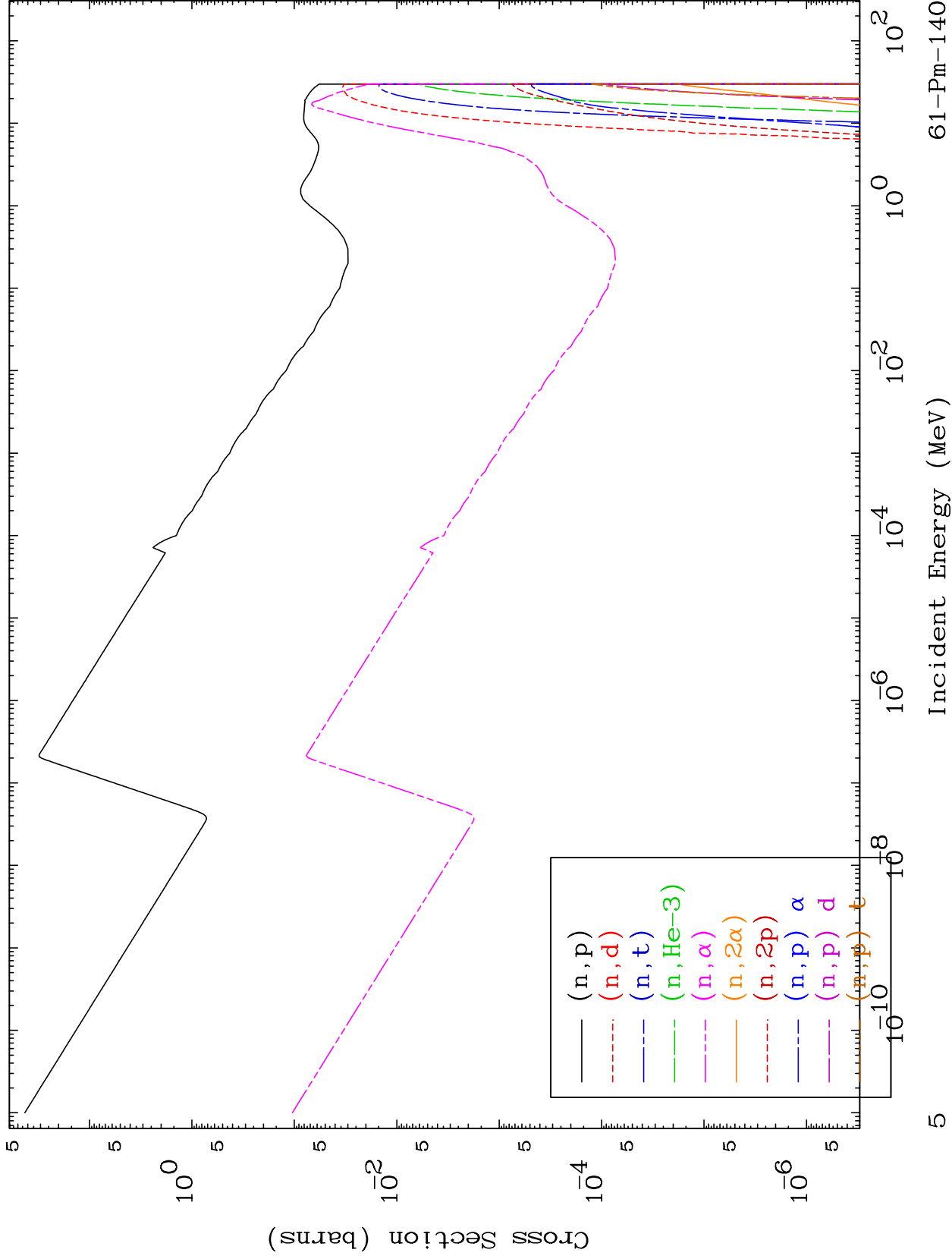
61-Pm-140



MAT 6129

Charged Particle
293 Kelvin Cross Sections

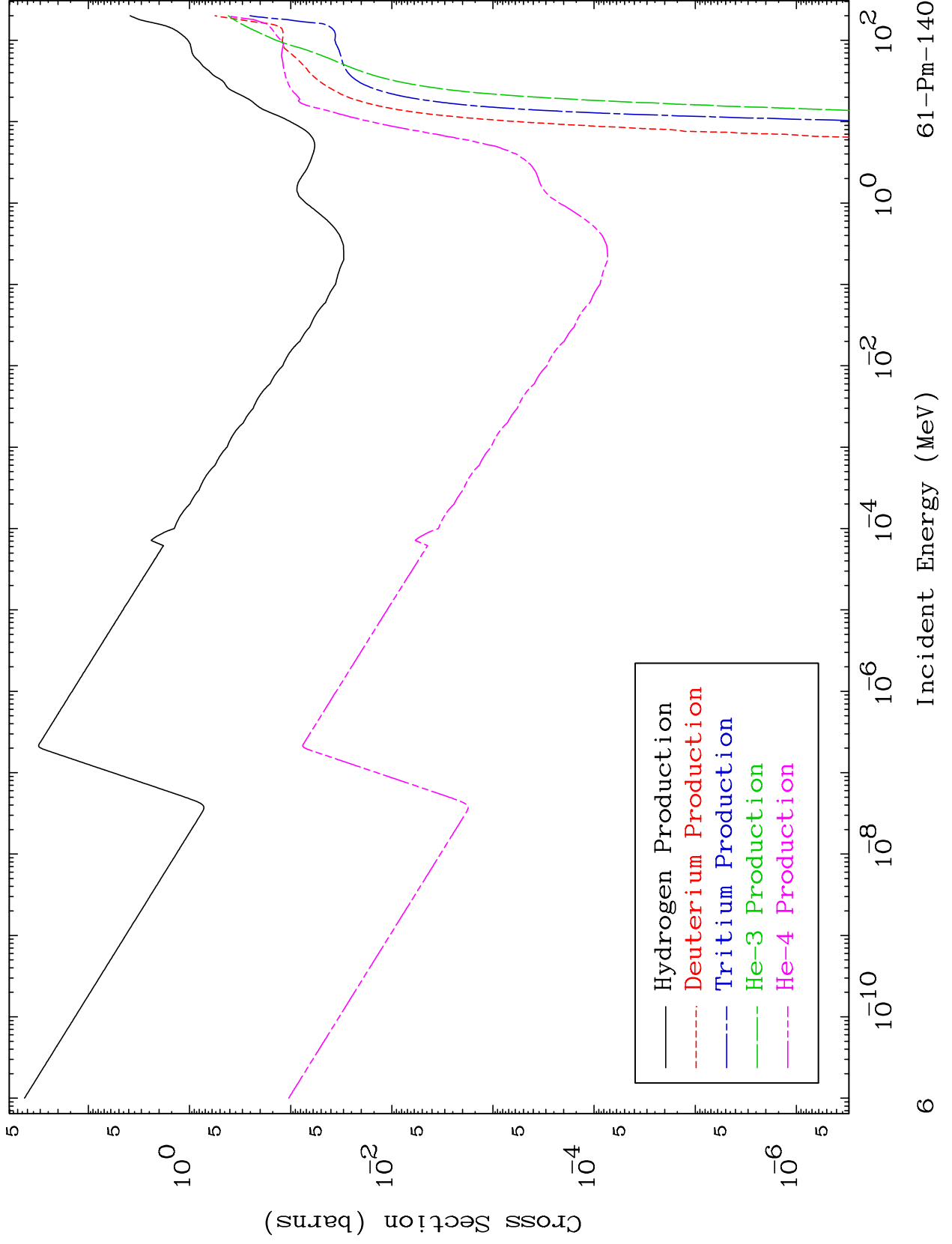
61-Pm-140



MAT 6129

Particle Production
293 Kelvin Cross Sections

61-Pm-140

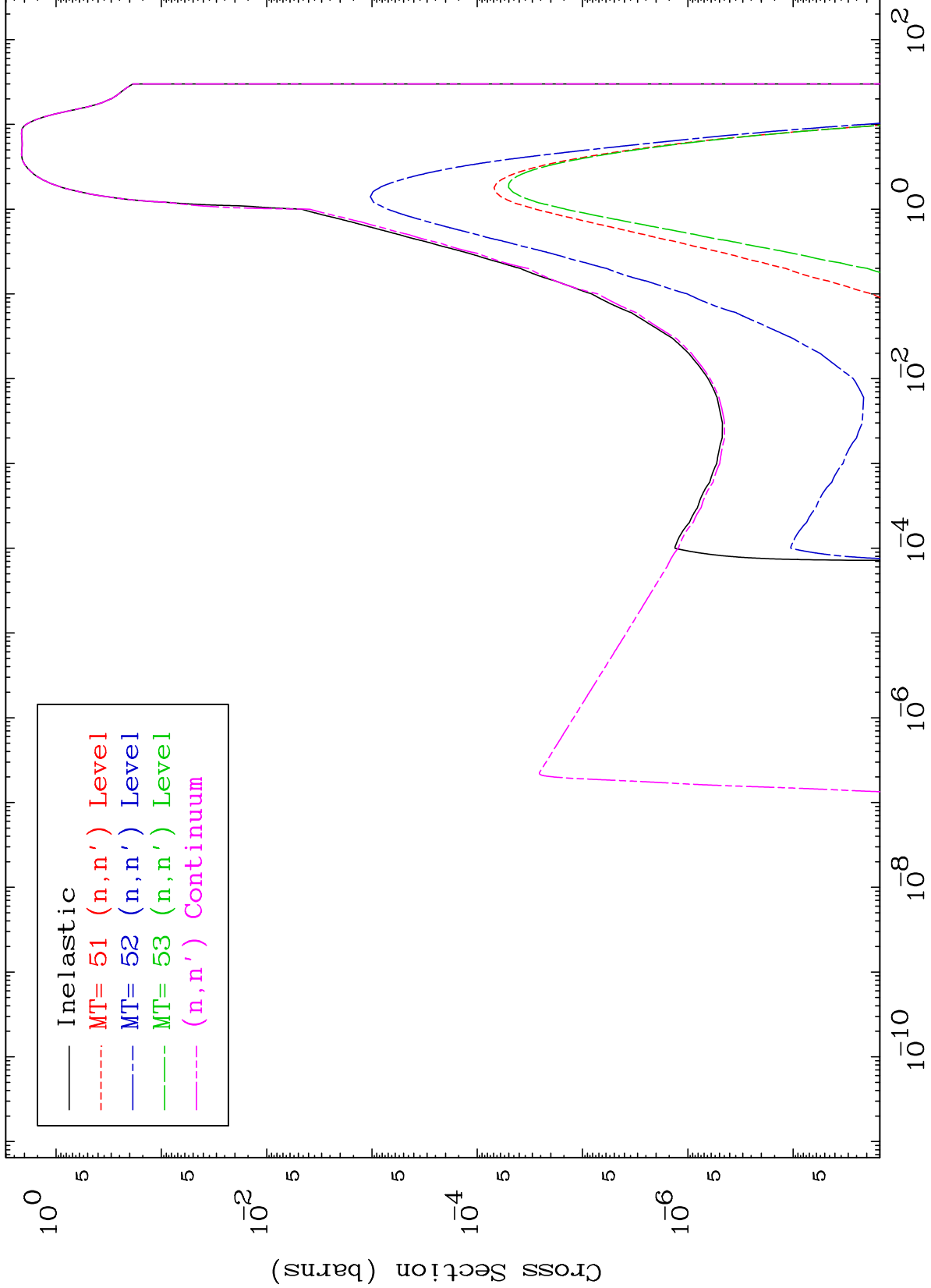


MAT 6129

(n,n') Level

61-Pm-140

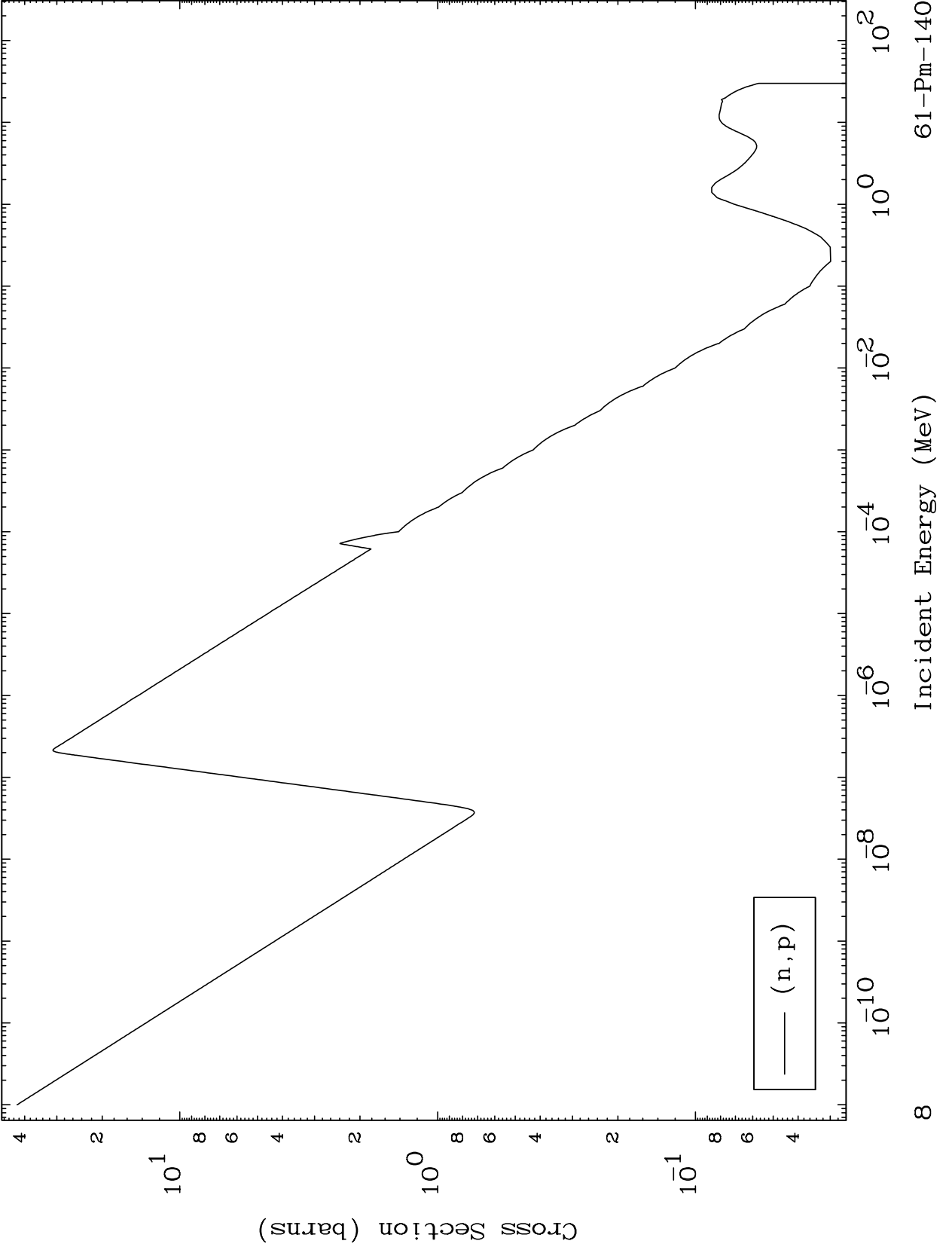
293 Kelvin Cross Sections



MAT 6129

(n,p) Levels
293 Kelvin Cross Sections

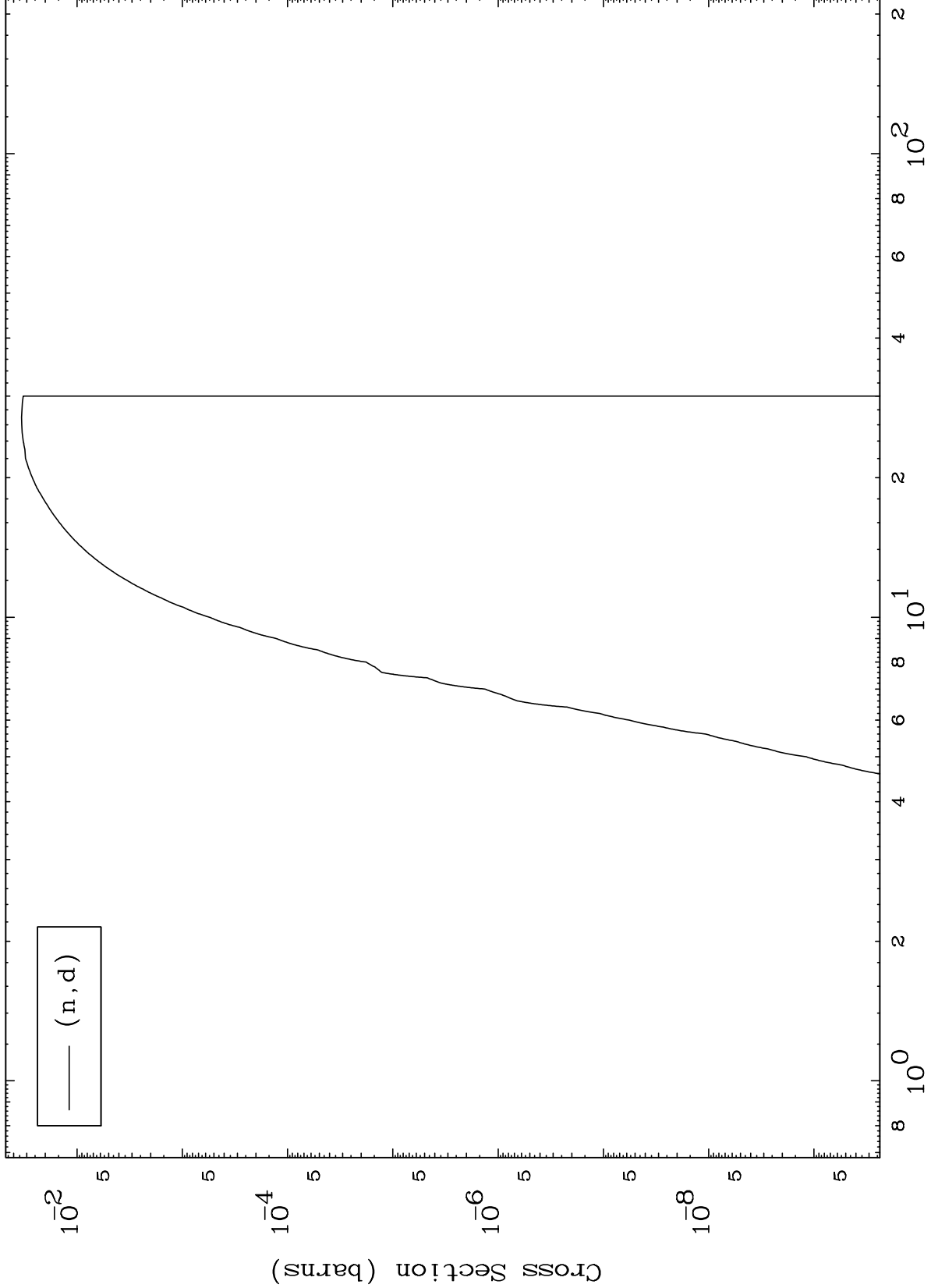
61-Pm-140



MAT 6129

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-140



9

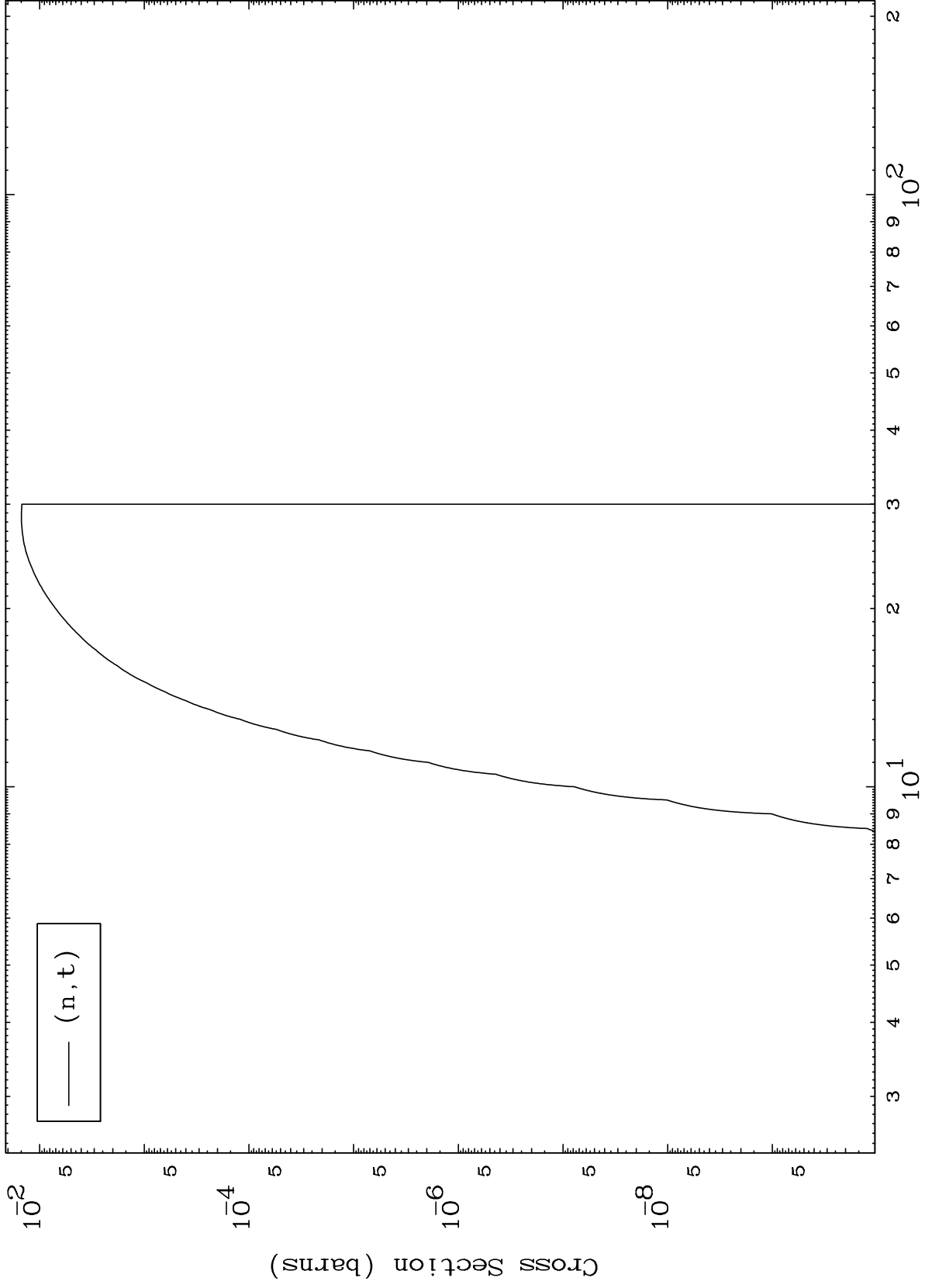
Incident Energy (MeV)

61-Pm-140

MAT 6129

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-140



10

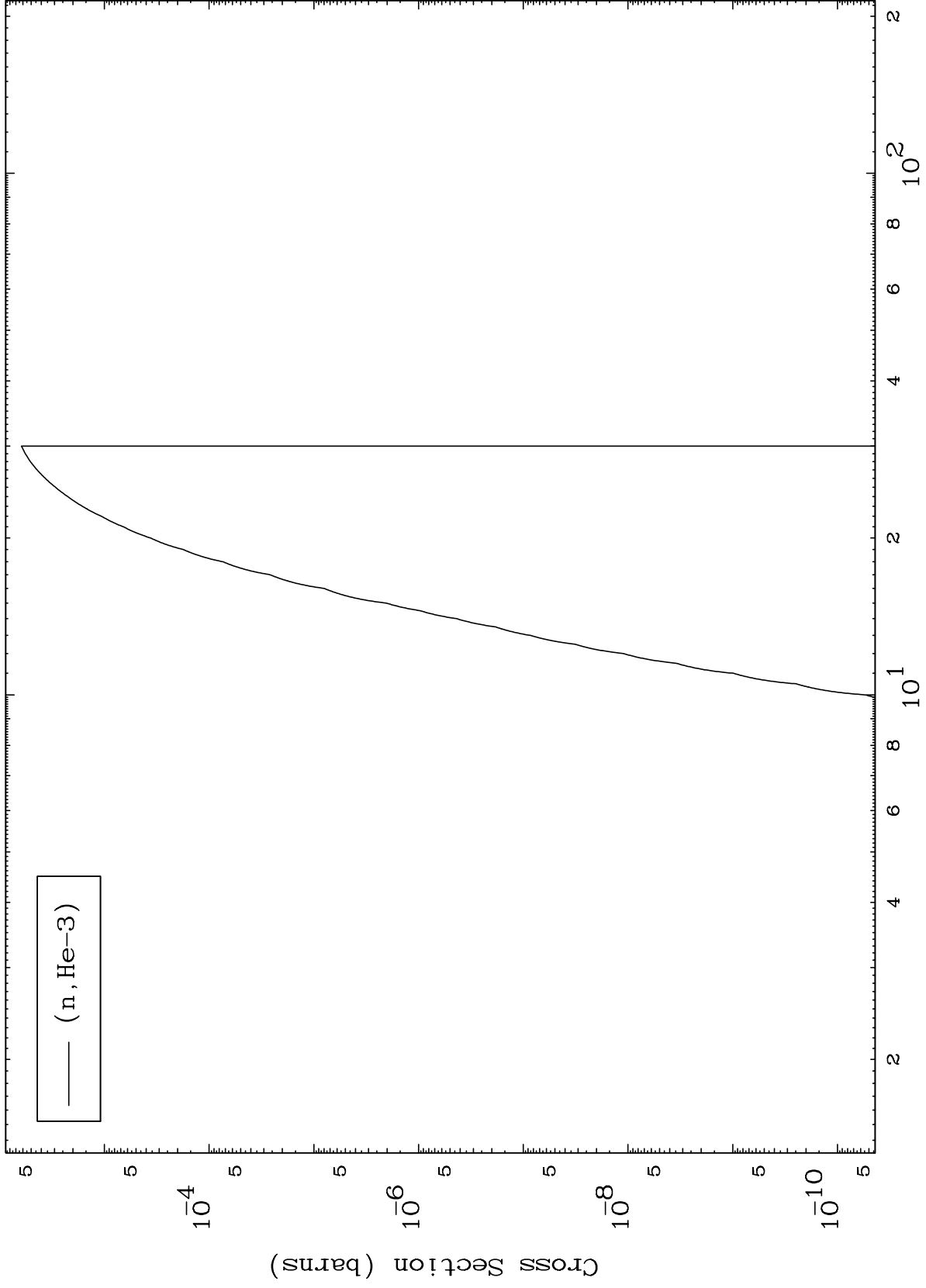
Incident Energy (MeV)

61-Pm-140

MAT 6129

(n,He3) Levels
293 Kelvin Cross Sections

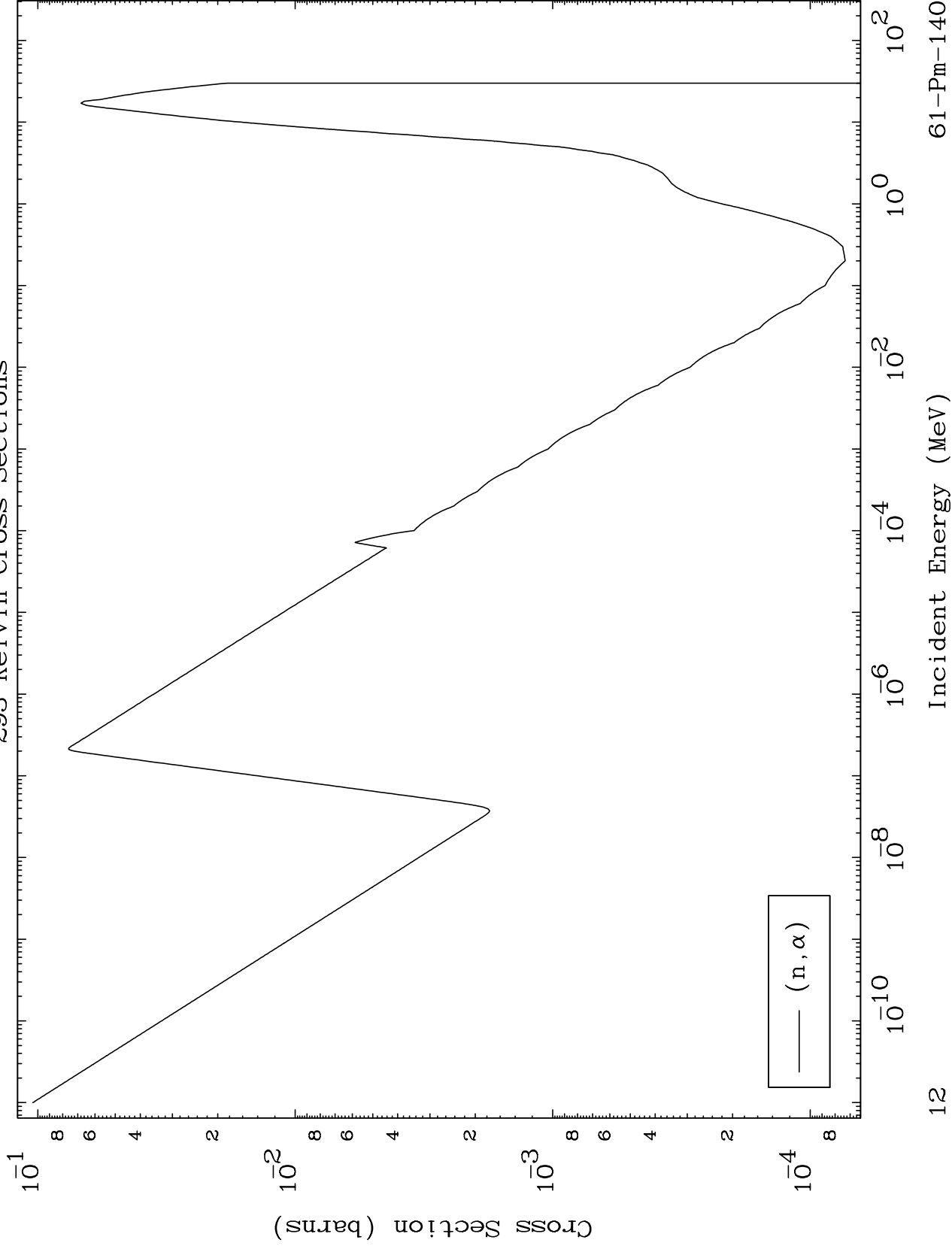
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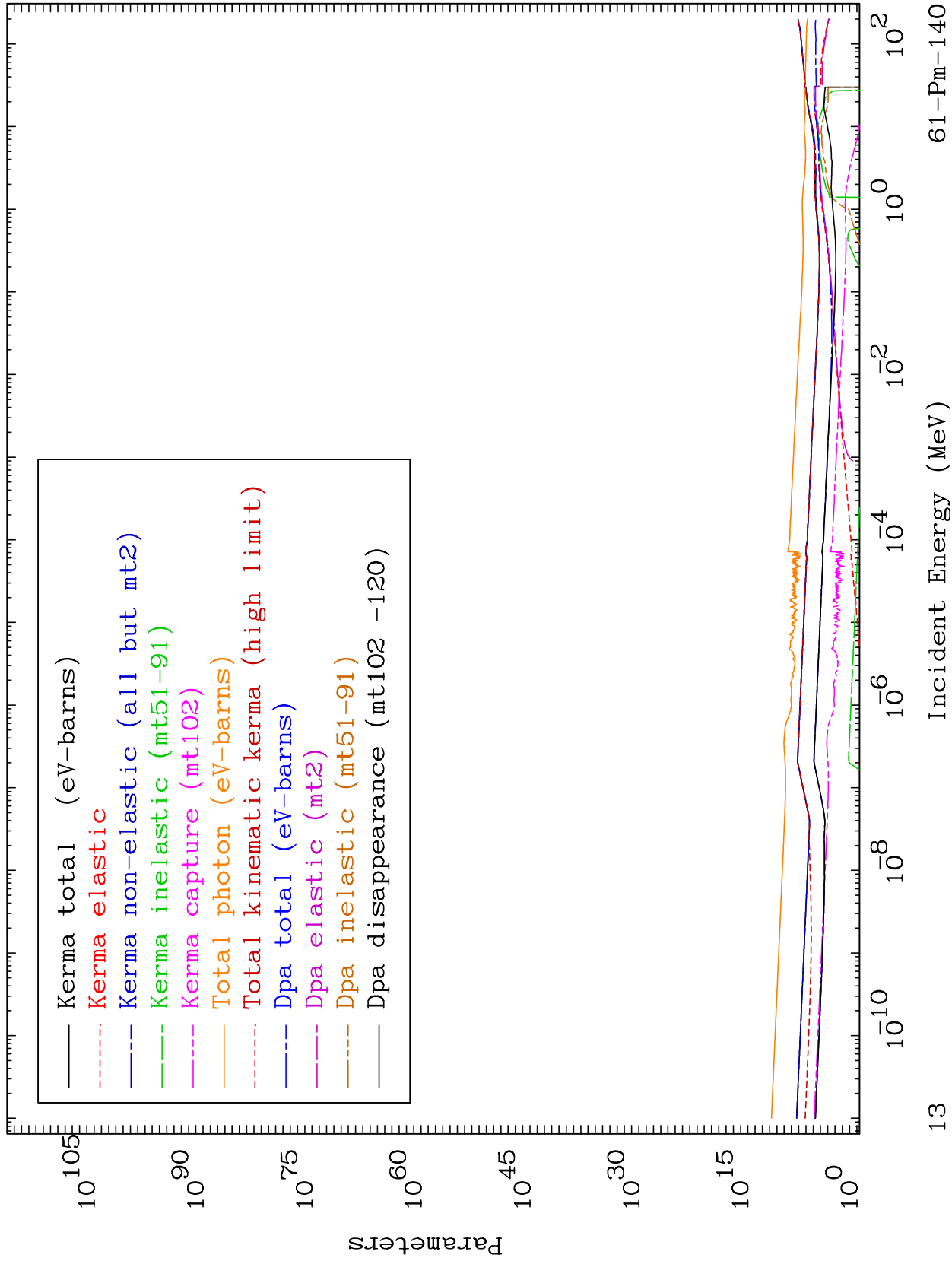


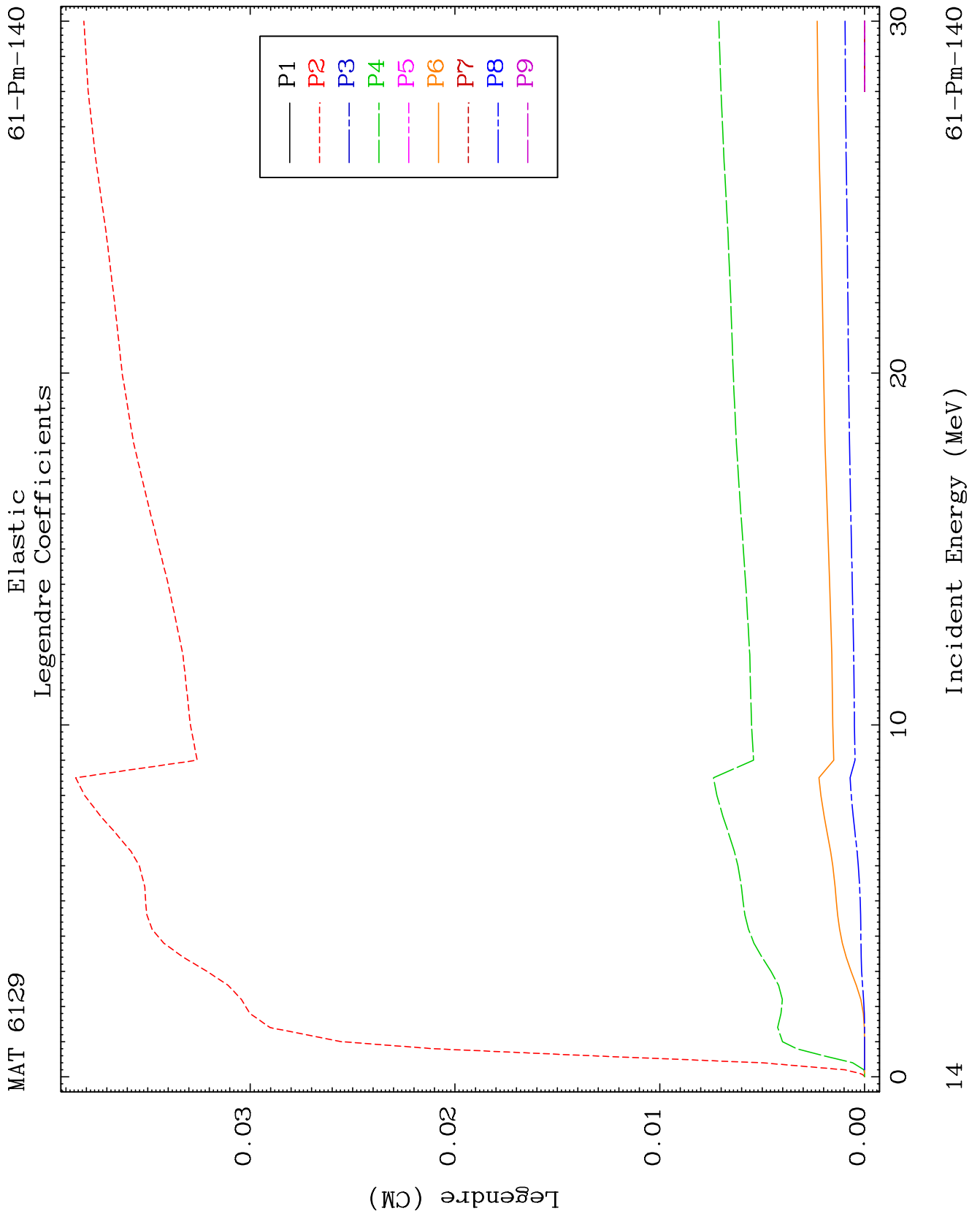
MAT 6129

(n,α) Levels
293 Kelvin Cross Sections

61-Pm-140



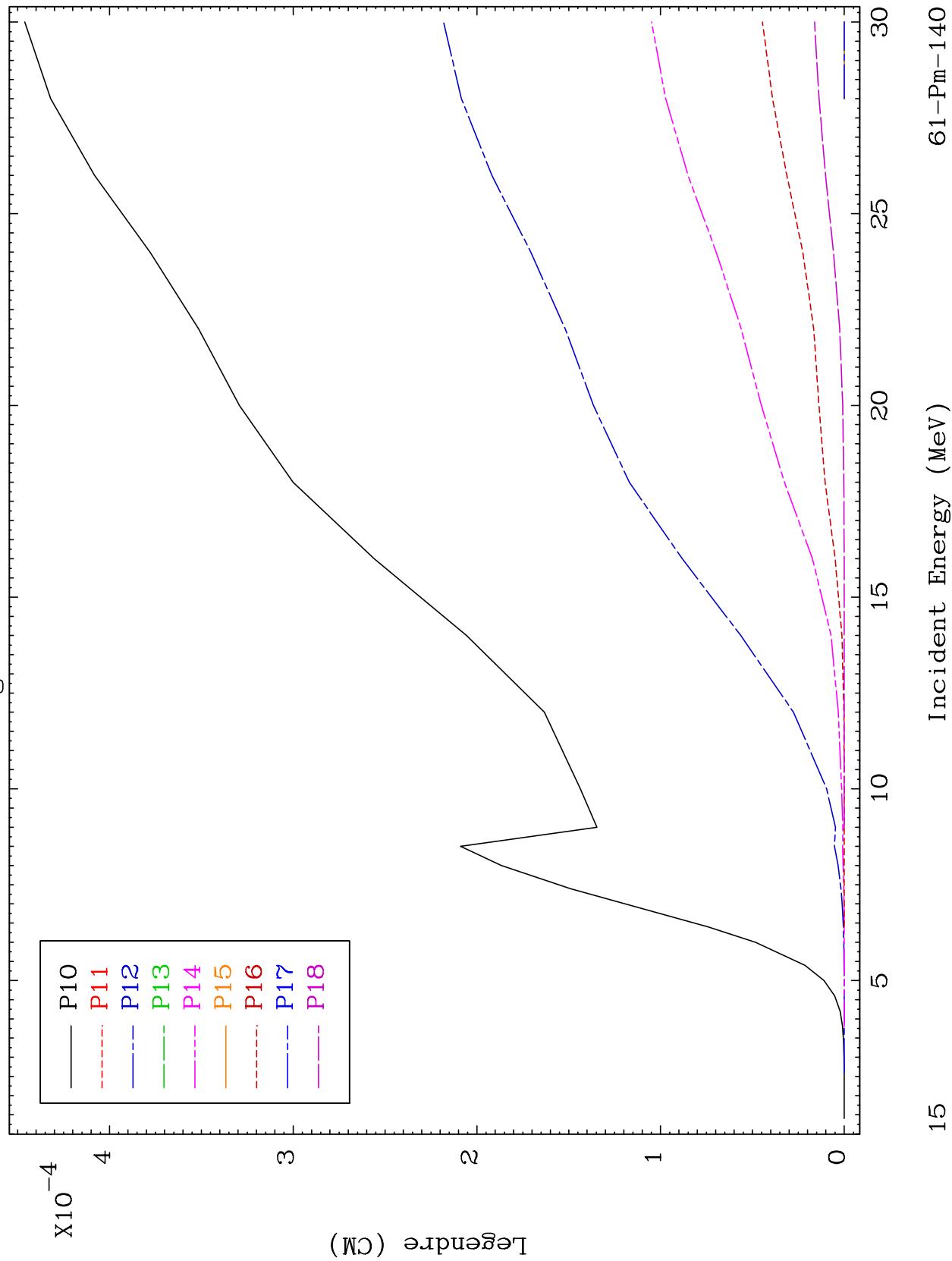




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Elastic Legendre Coefficients

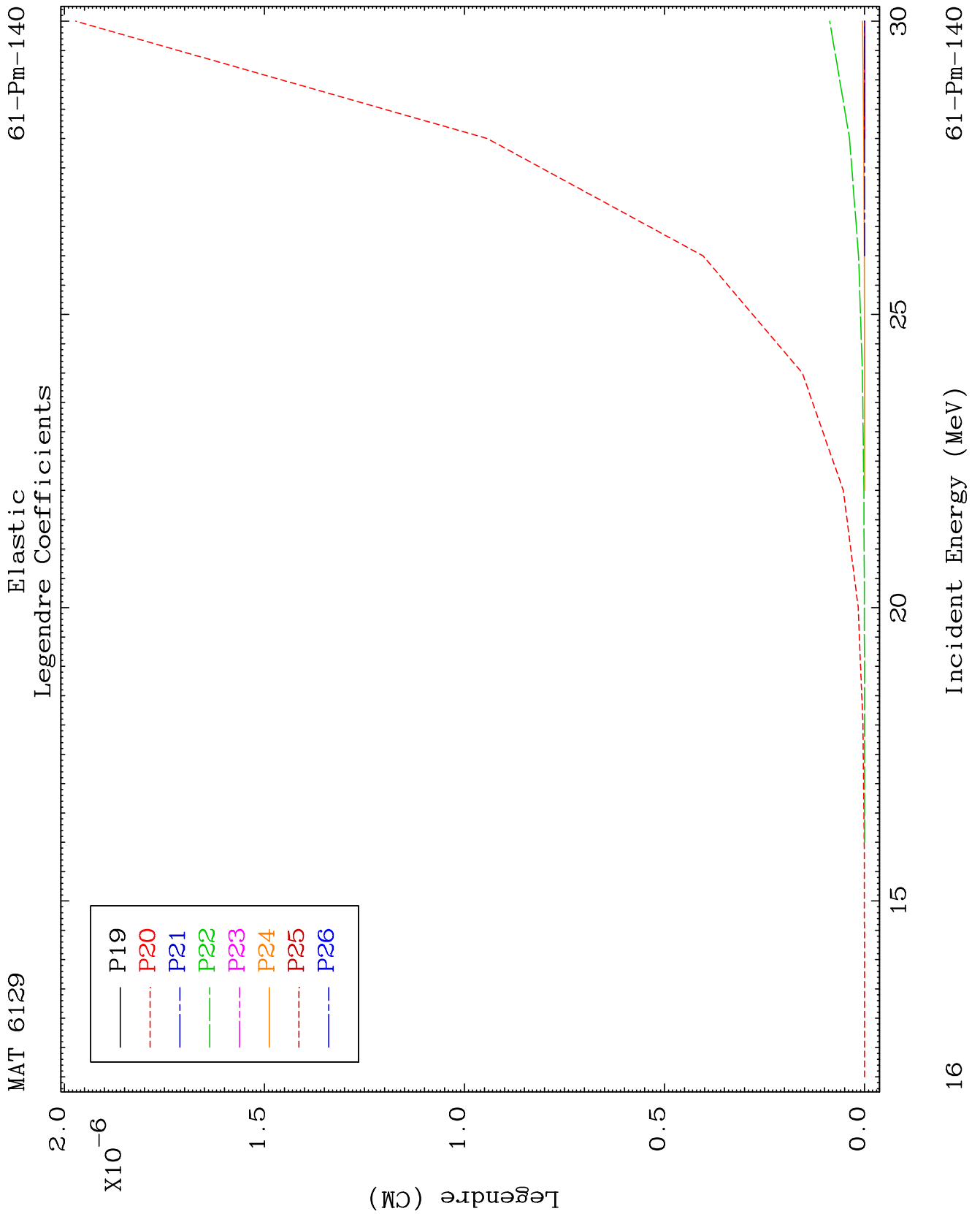
61-Pm-140



15

Incident Energy (MeV)

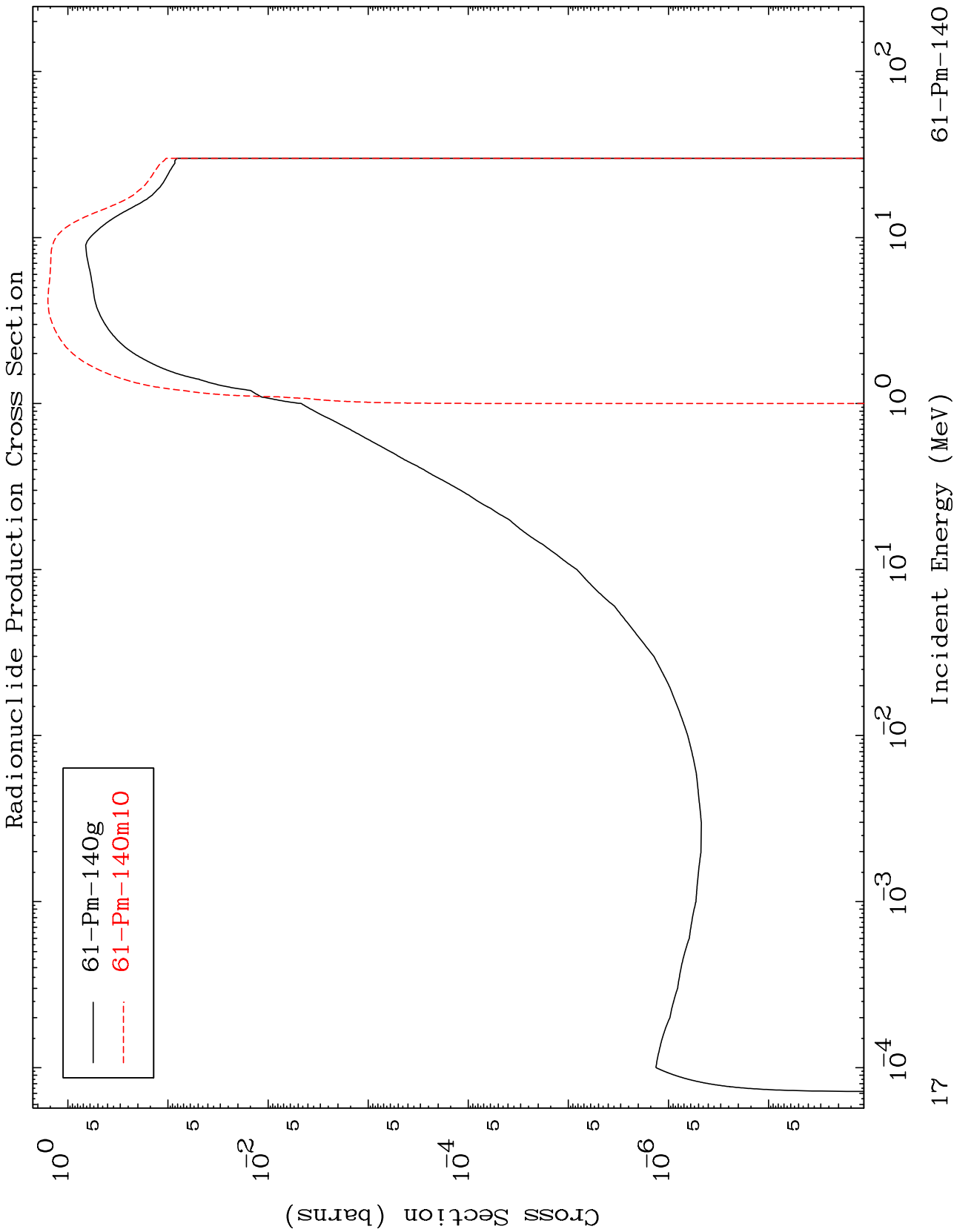
61-Pm-140



MAT 6129

61-Pm-140

Inelastic
Radionuclide Production Cross Section



17

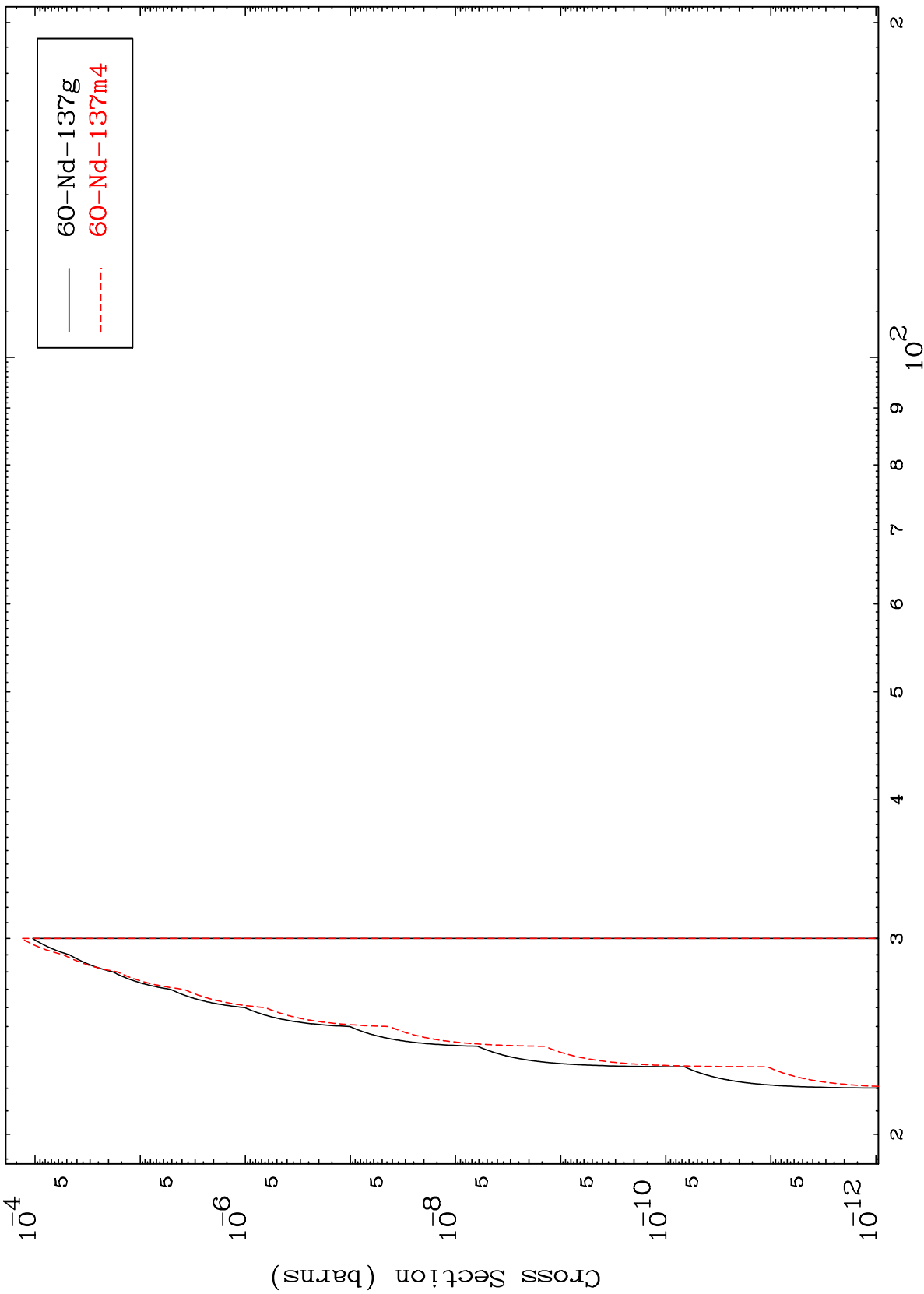
61-Pm-140

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(n,2n) d

61-Pm-140

Radionuclide Production Cross Section



18

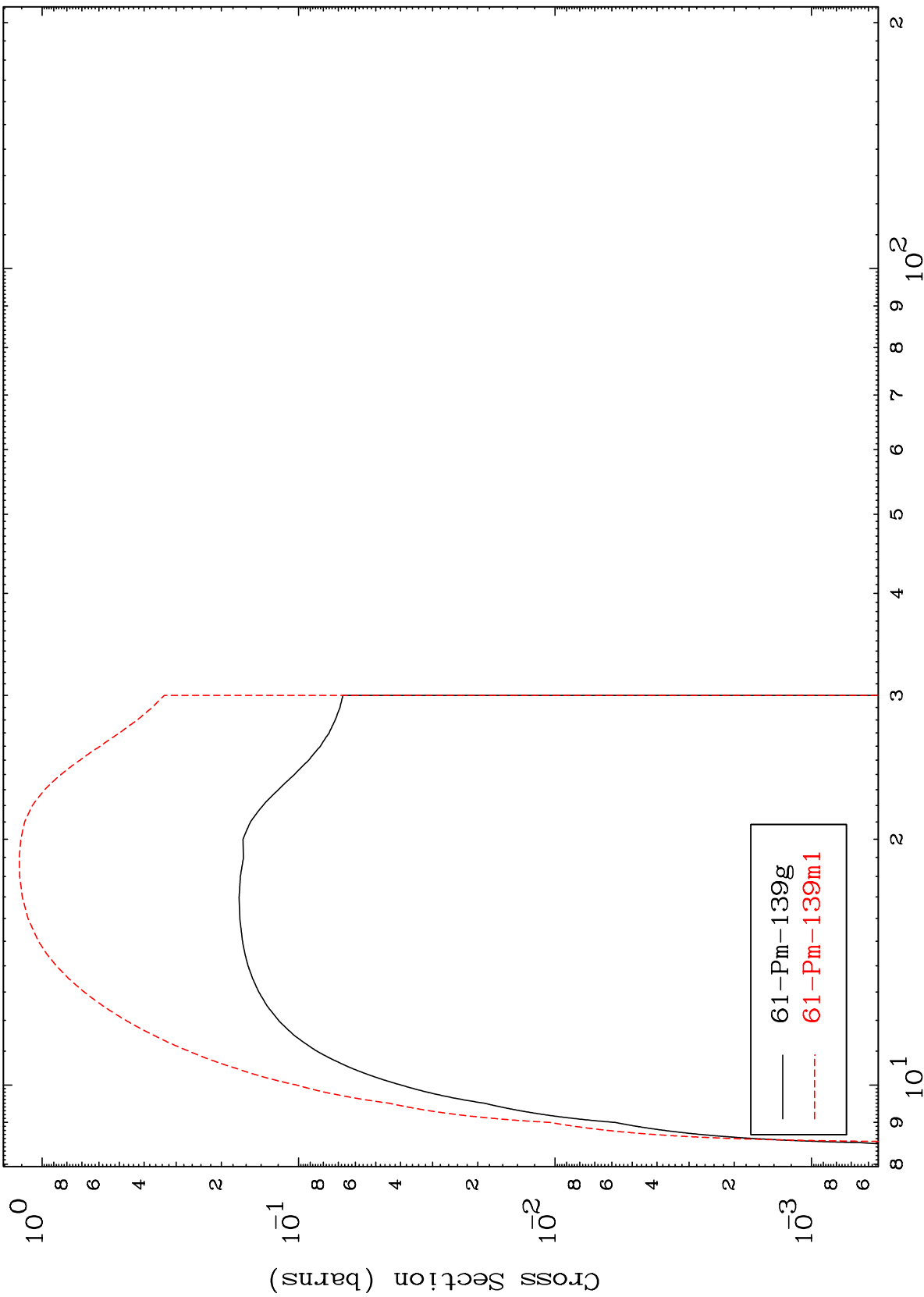
Incident Energy (MeV)

61-Pm-140

MAT 6129

61-Pm-140

(n,2n)
Radionuclide Production Cross Section



61-Pm-140

Incident Energy (MeV)

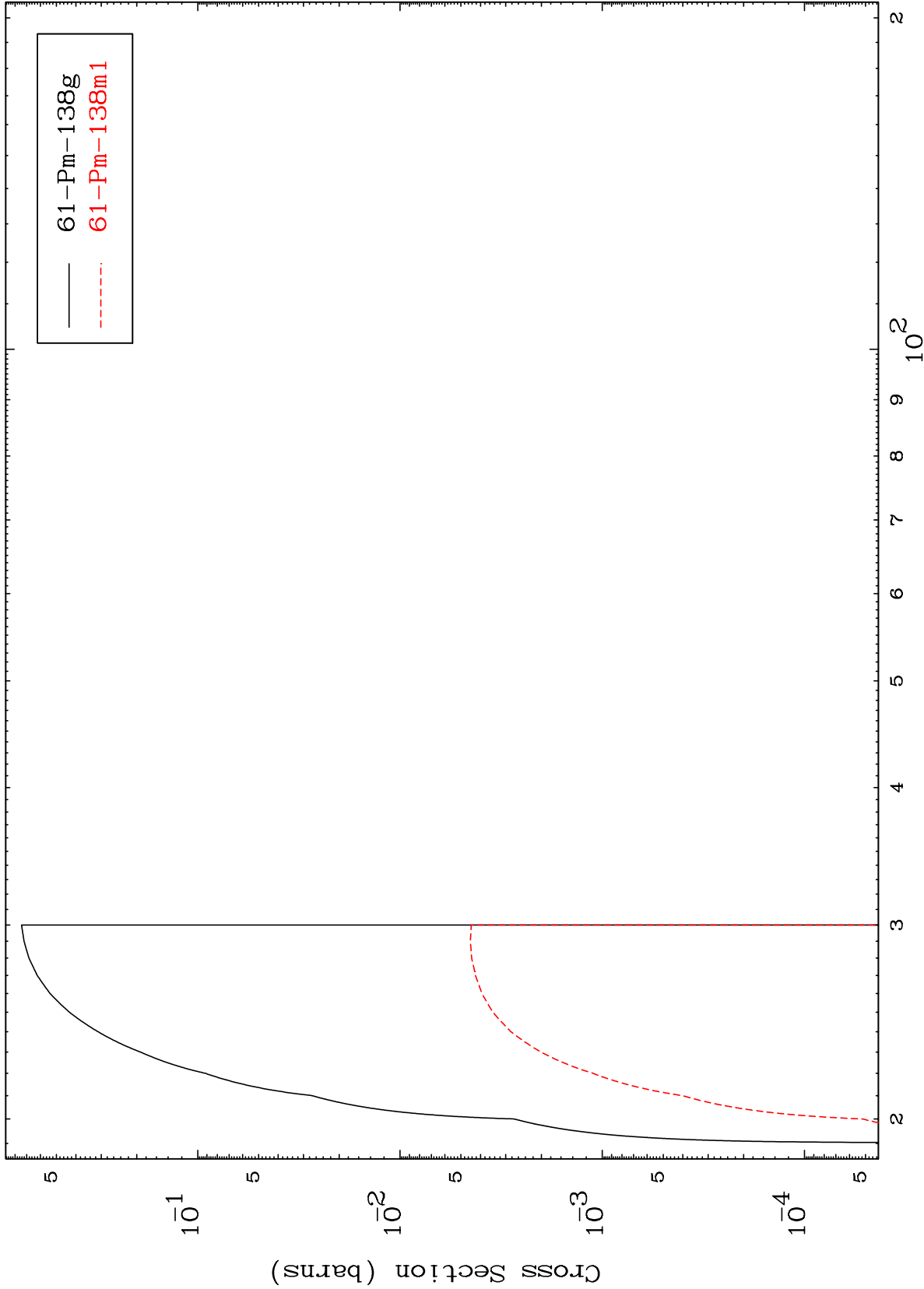
19

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(n,3n)

61-Pm-140

Radionuclide Production Cross Section



20

Incident Energy (MeV)

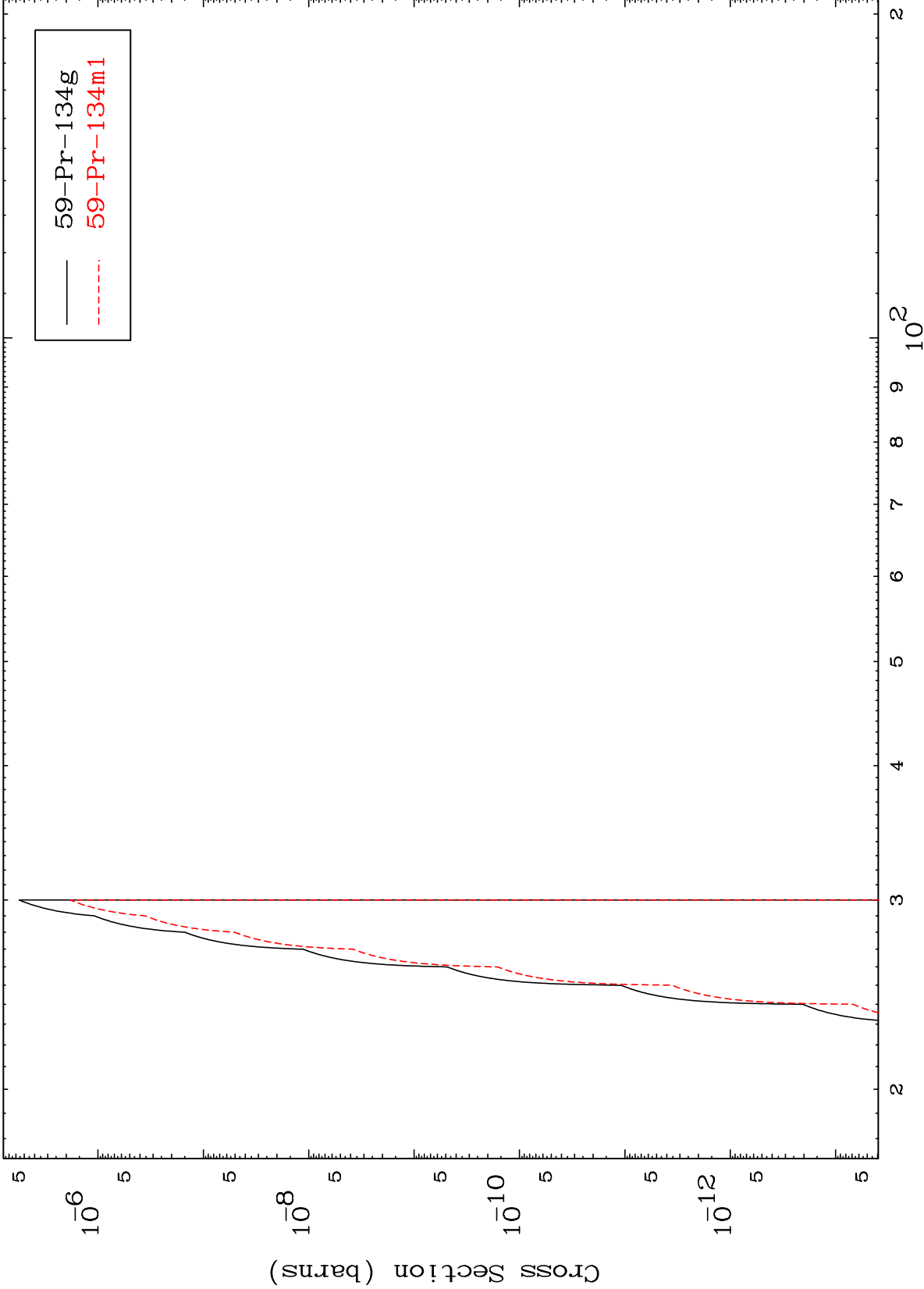
61-Pm-140

MAT 6129

(n,3n) α

61-Pm-140

Radionuclide Production Cross Section



21

Incident Energy (MeV)

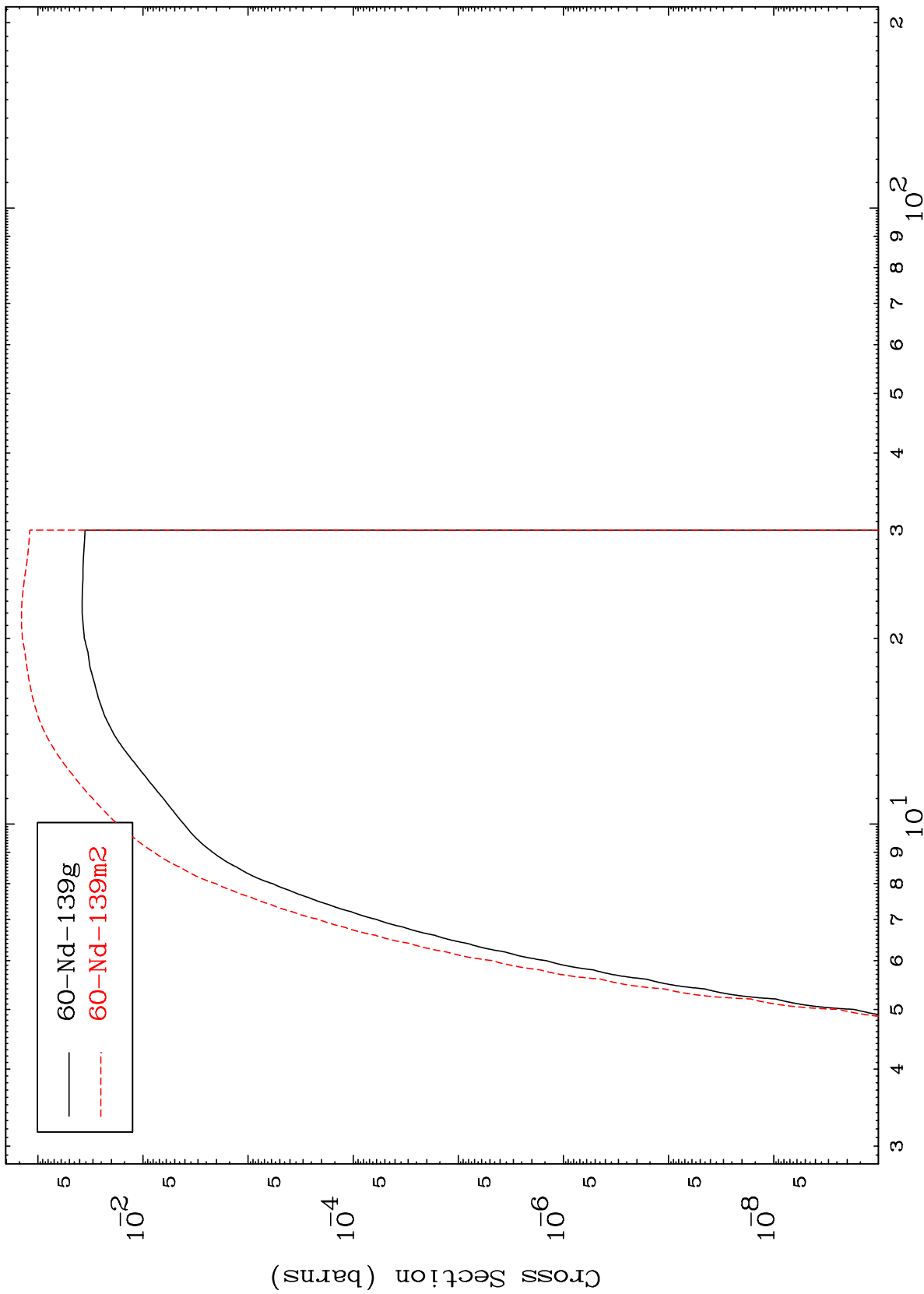
61-Pm-140

MAT 6129

(n,n') p

61-Pm-140

Radionuclide Production Cross Section



60-Nd-139g
60-Nd-139m2

Incident Energy (MeV)

61-Pm-140

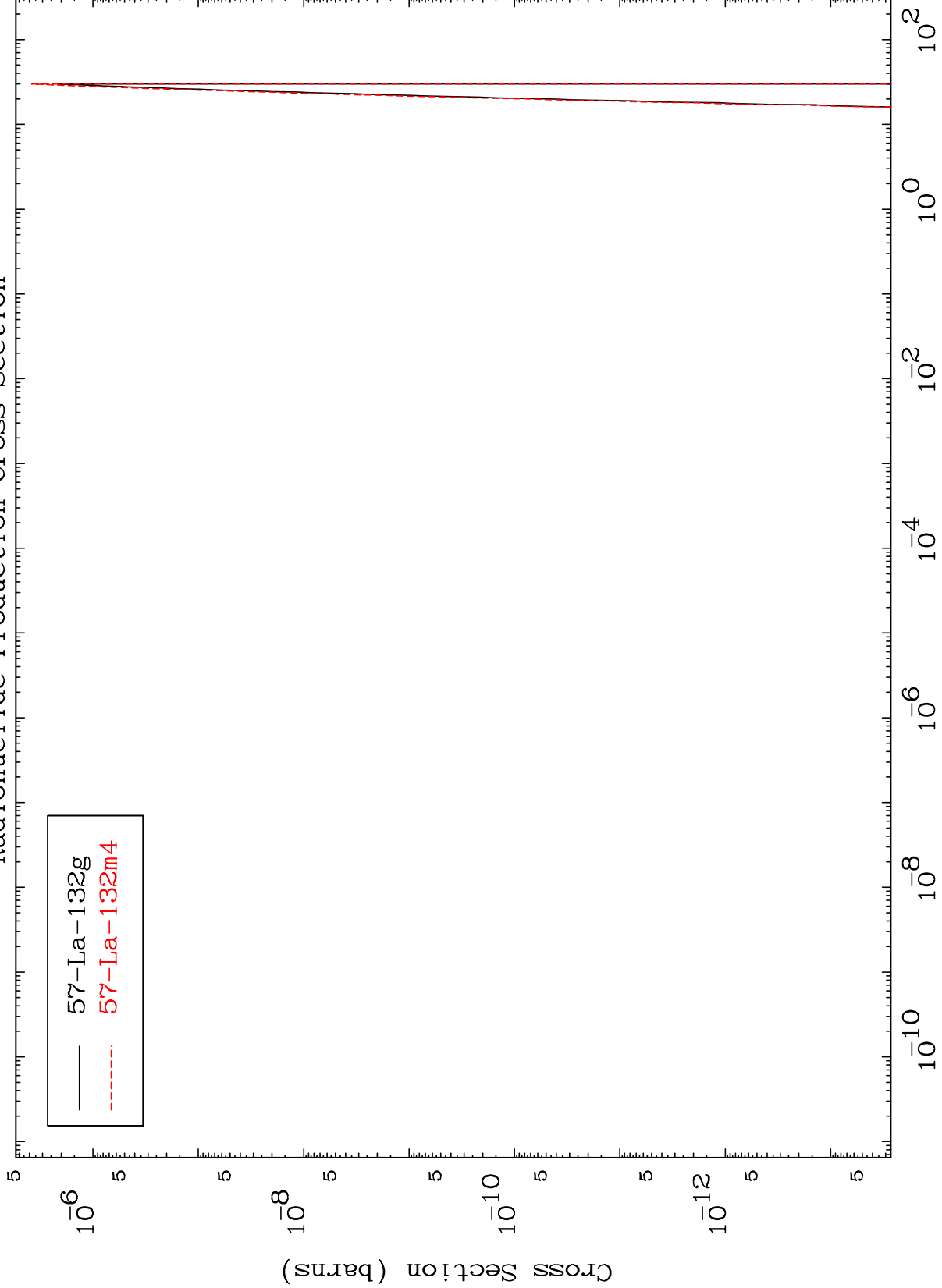
22

MAT 6129

(n,n') 2α

61-Pm-140

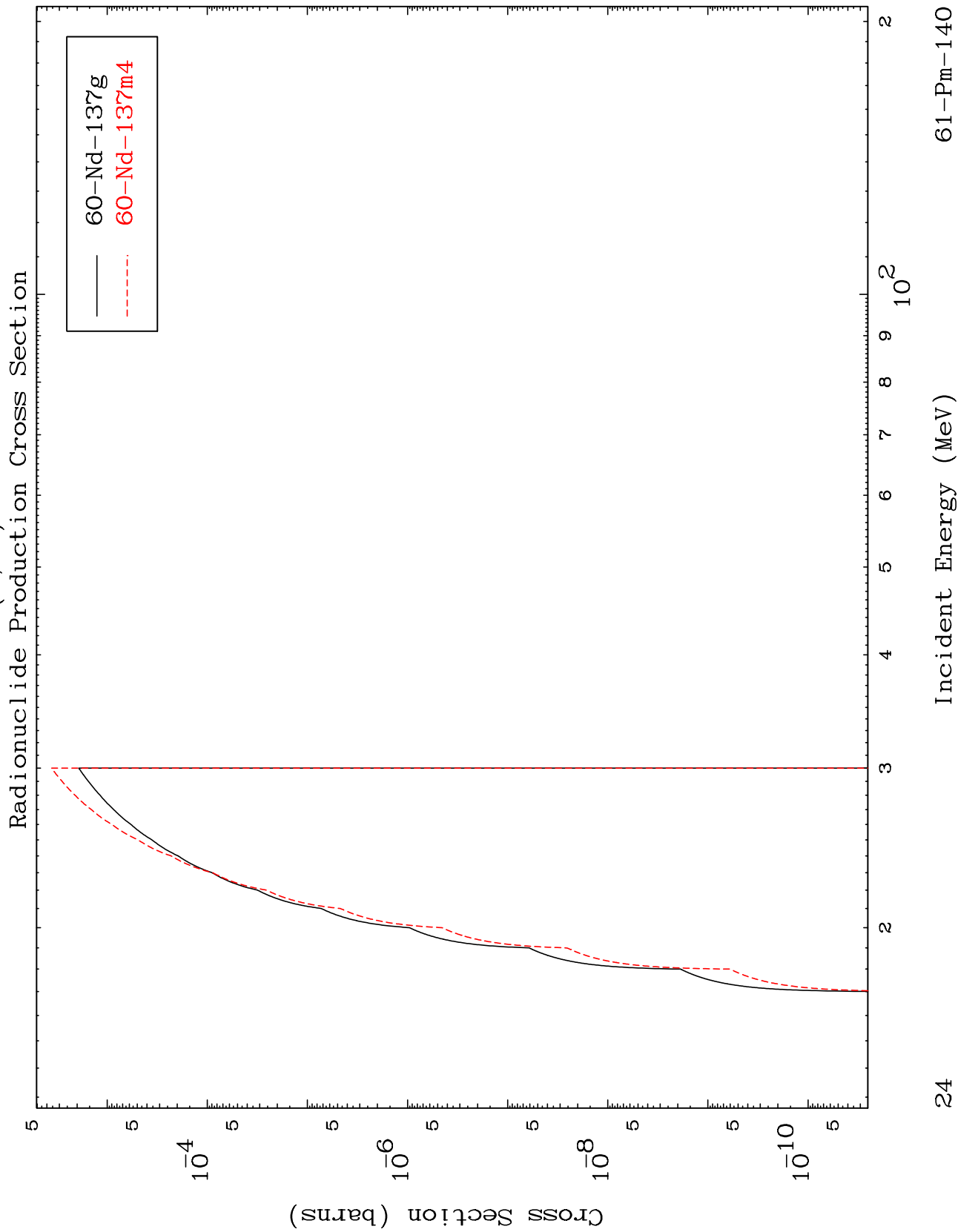
Radionuclide Production Cross Section



MAT 6129

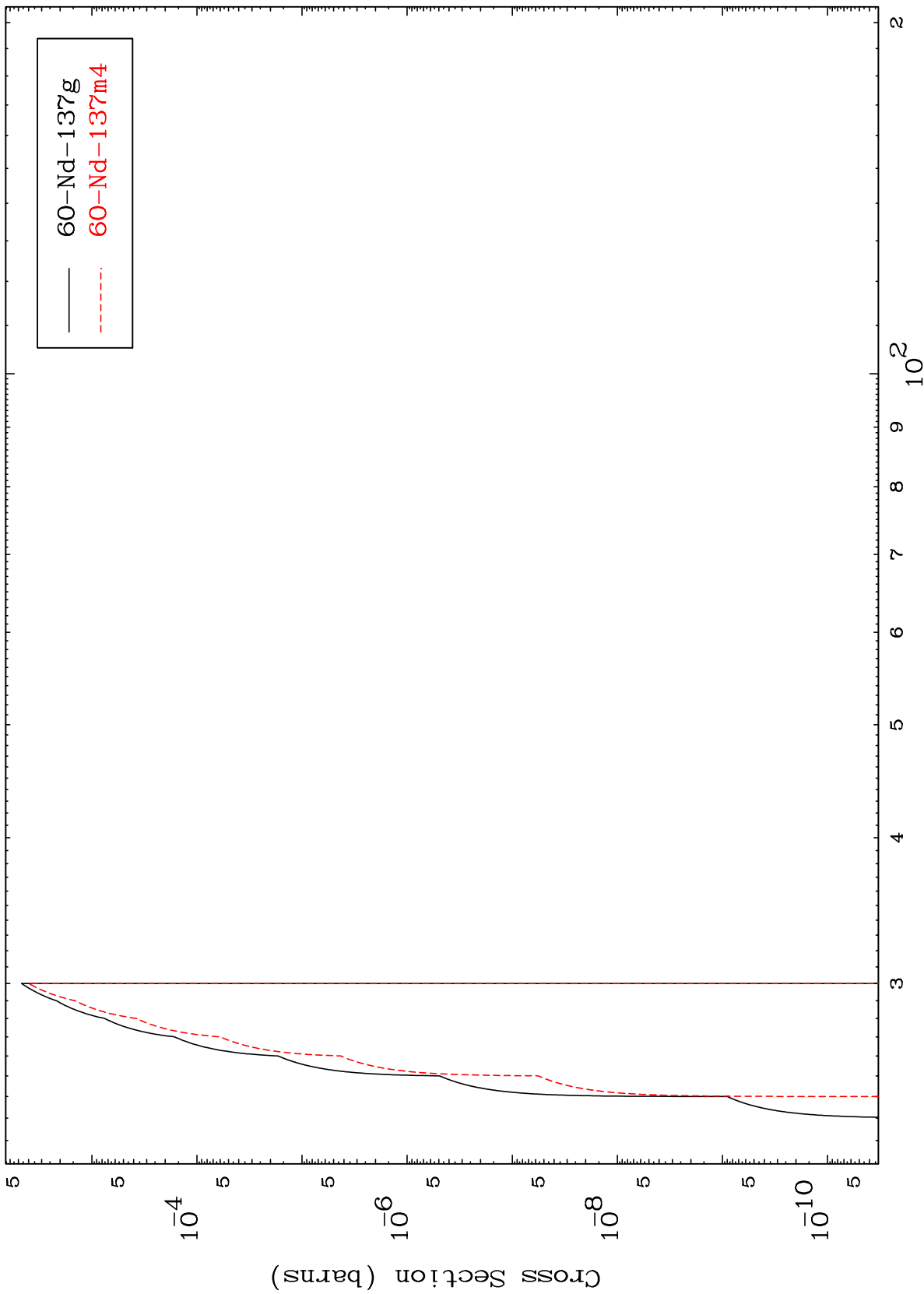
(n,n') t

61-Pm-140



24

Radionuclide Production Cross Section

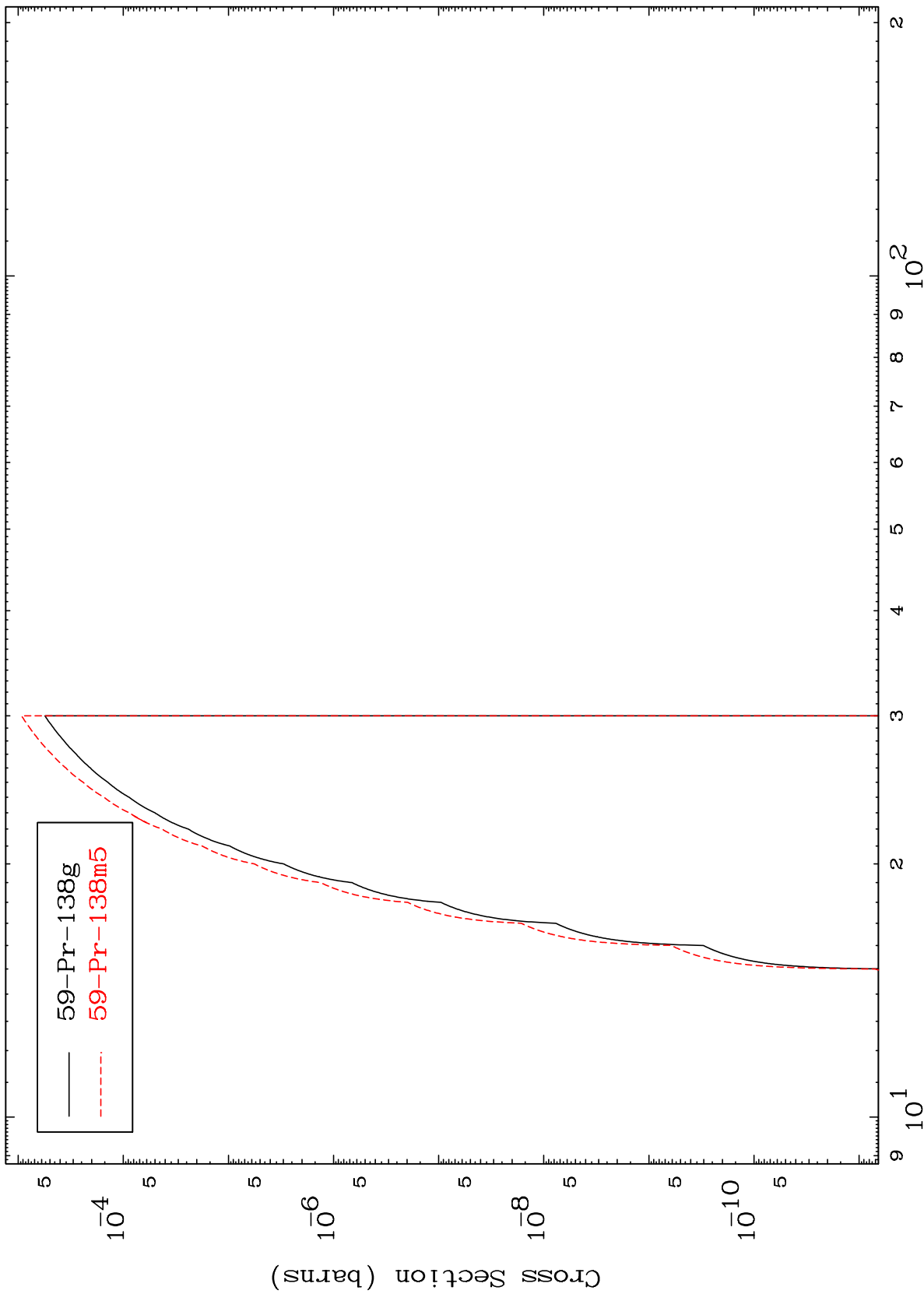


MAT 6129

(n,2n) p

61-Pm-140

Radionuclide Production Cross Section



26

Incident Energy (MeV)

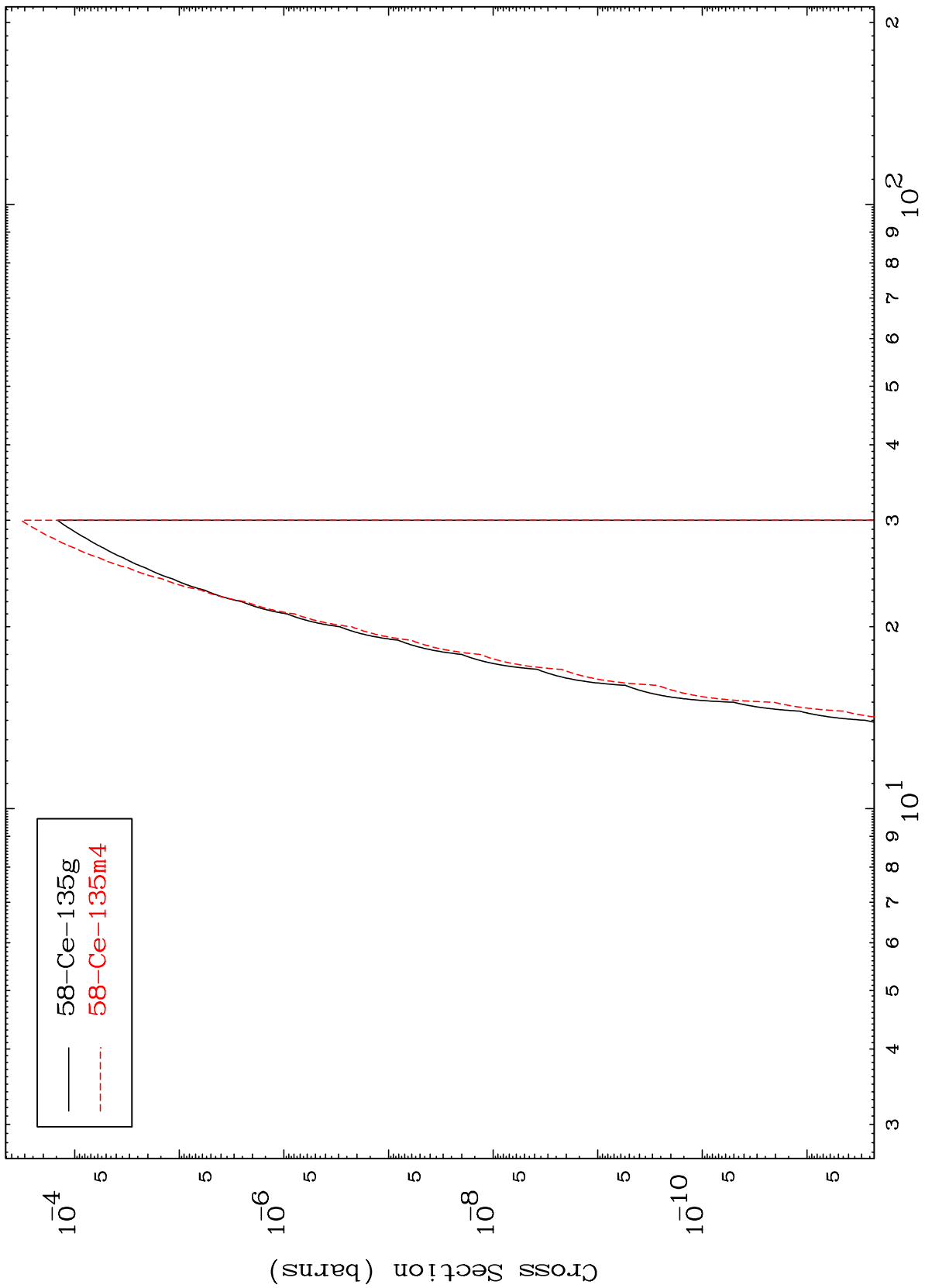
61-Pm-140

MAT 6129

(n,n') p α

61-Pm-140

Radionuclide Production Cross Section



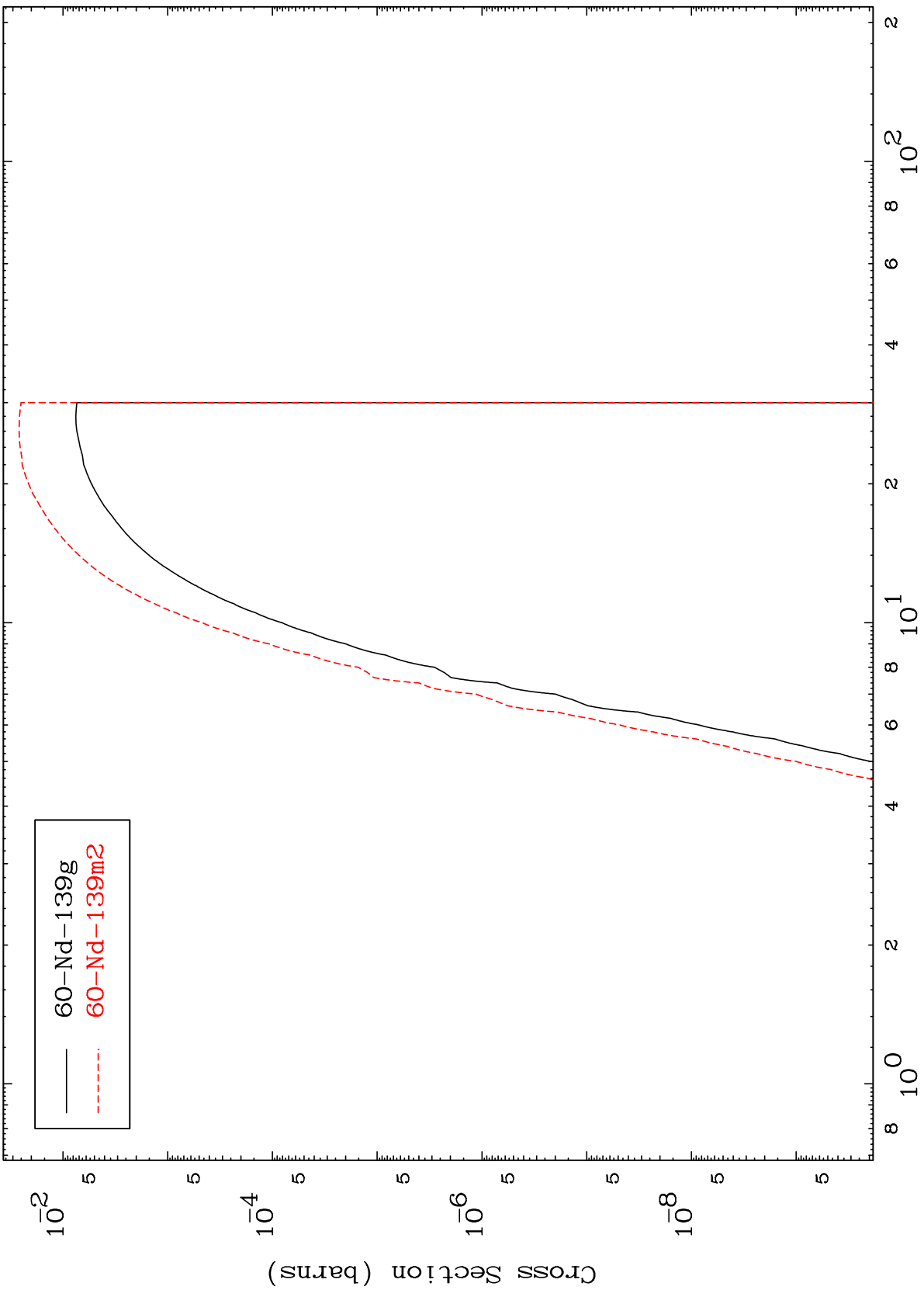
— 58-Ce-135g
- - - 58-Ce-135m4

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(n,d)

61-Pm-140

Radionuclide Production Cross Section



60-Nd-139g
60-Nd-139m2

Incident Energy (MeV)

61-Pm-140

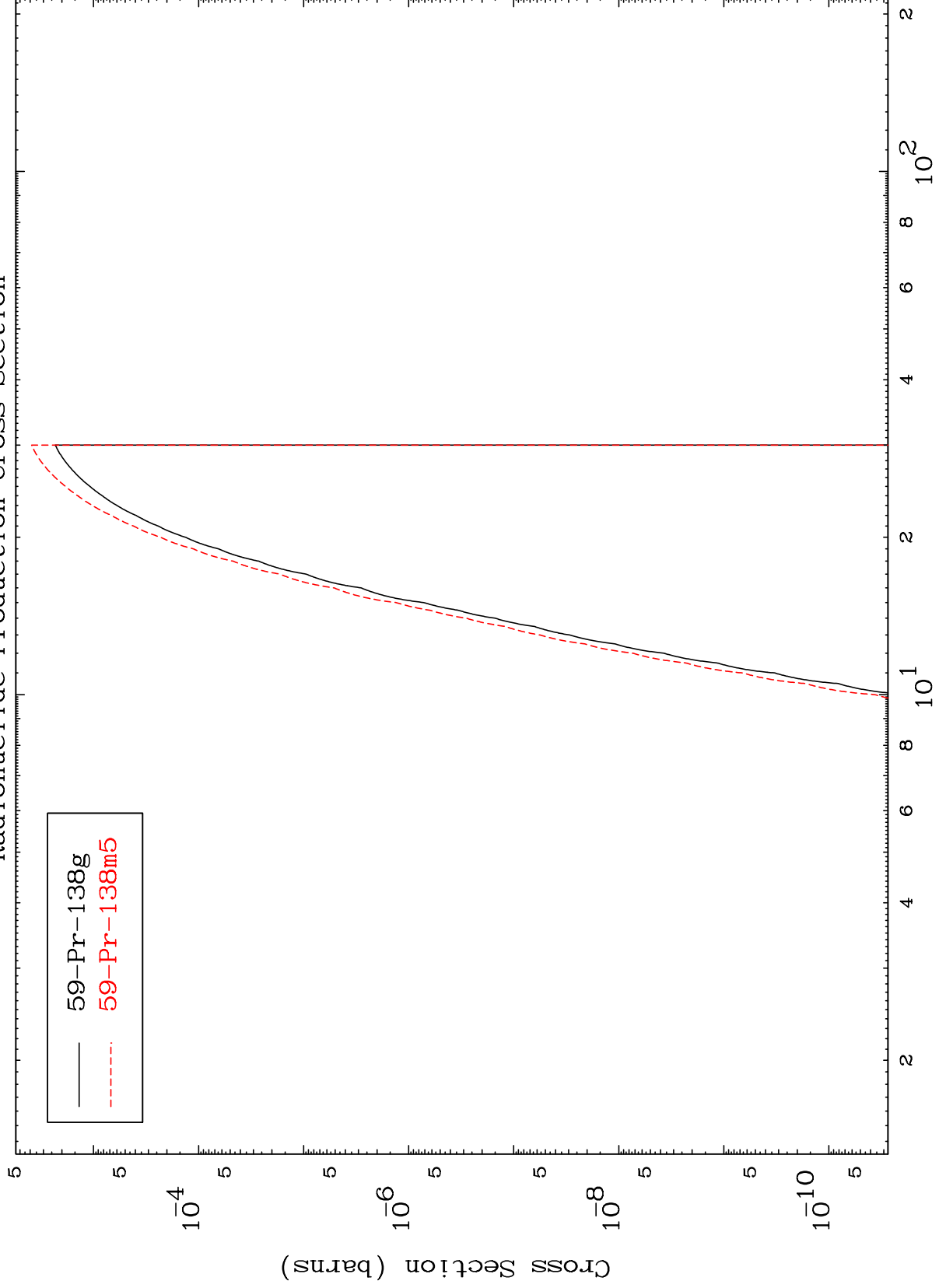
28

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(n,He-3)

61-Pm-140

Radionuclide Production Cross Section



29

Incident Energy (MeV)

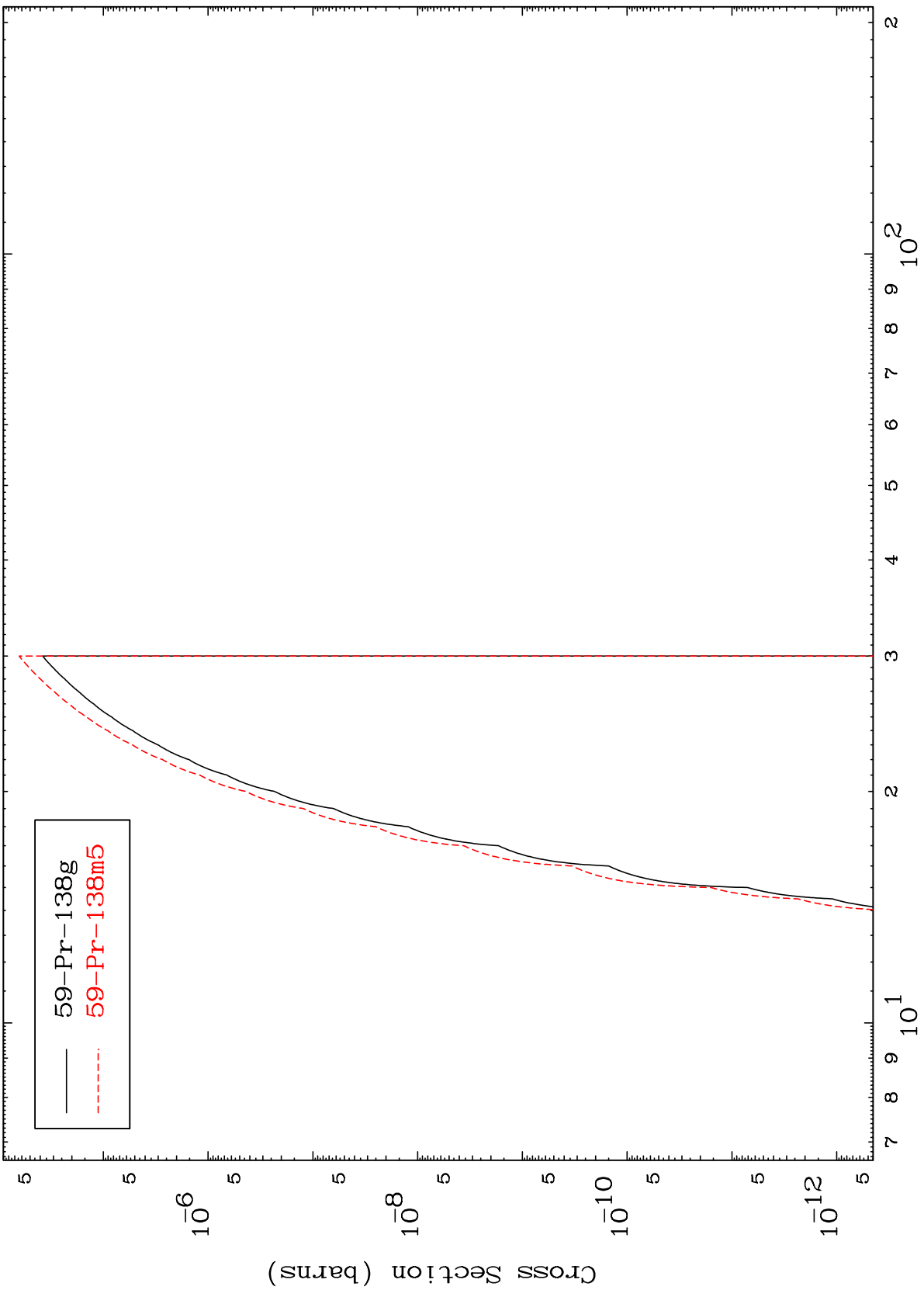
61-Pm-140

MAT 6129

(n,p) d

61-Pm-140

Radionuclide Production Cross Section



30

Incident Energy (MeV)

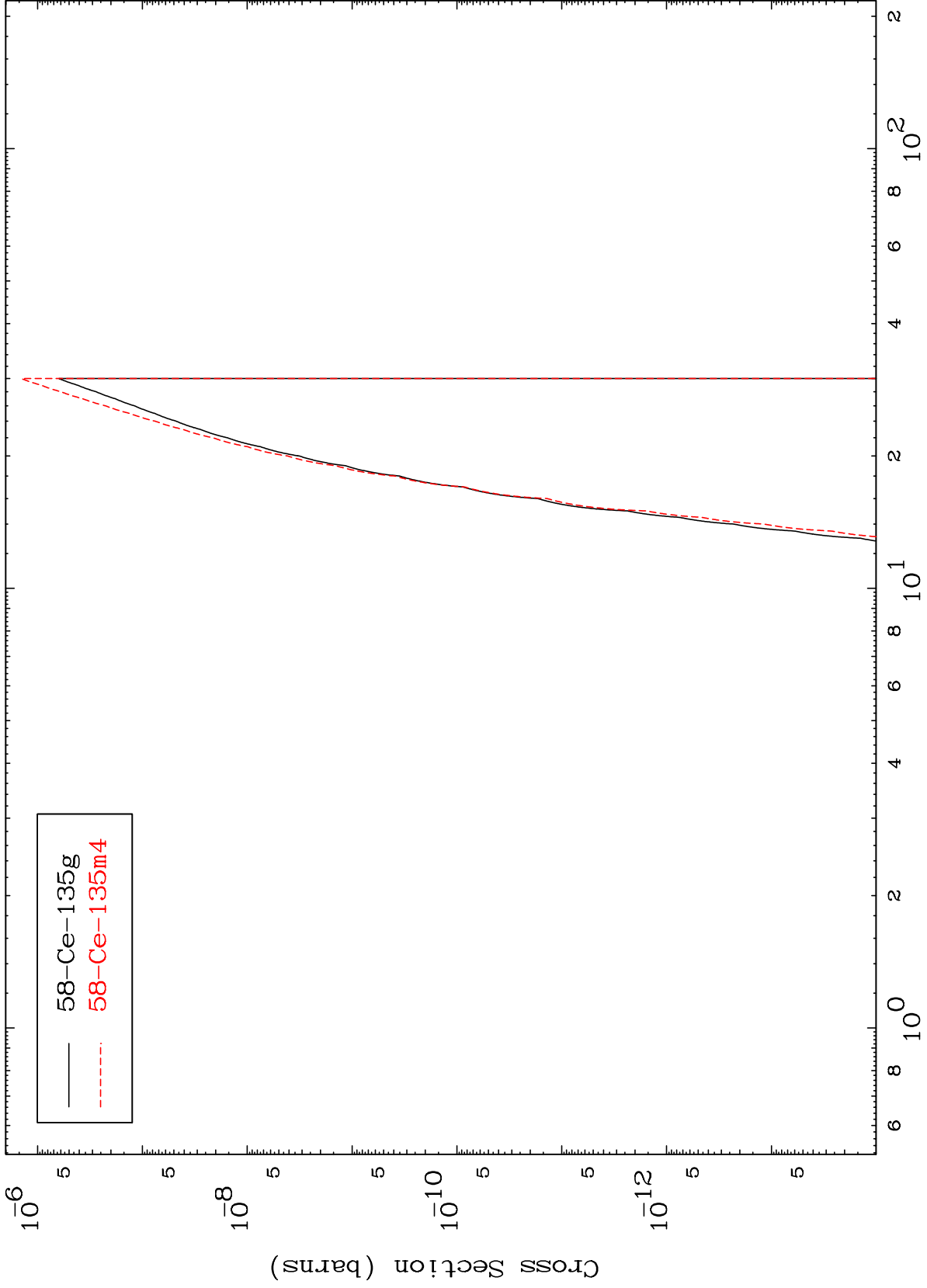
61-Pm-140

MAT 6129

(n,d) α

61-Pm-140

Radionuclide Production Cross Section



31

Incident Energy (MeV)

61-Pm-140