

Program EVALPLOT  
(Version 2018-1)

by

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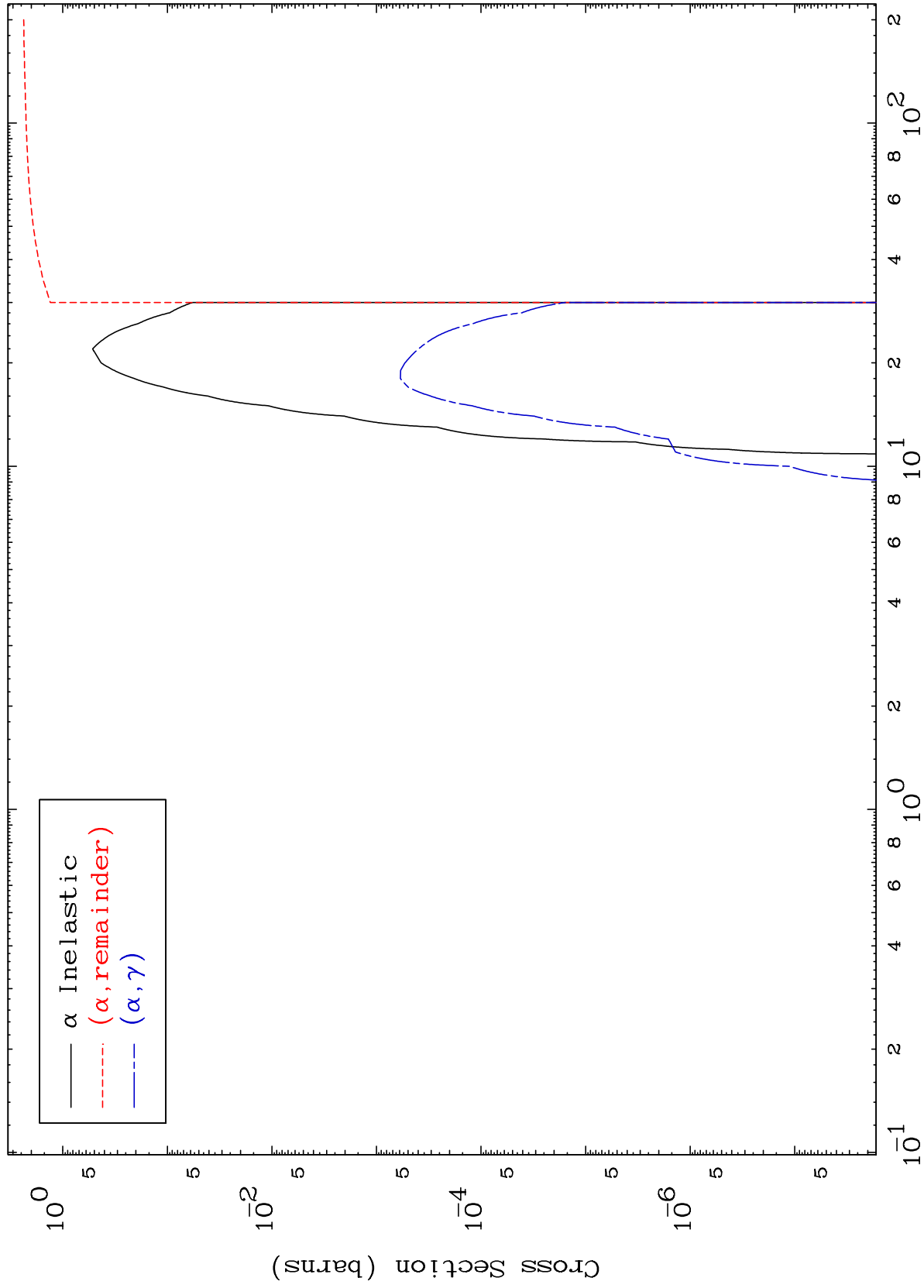
Press Mouse Button to Start

MAT 6131

$\alpha$  Major

61-Pm-141

0 Kelvin Cross Sections



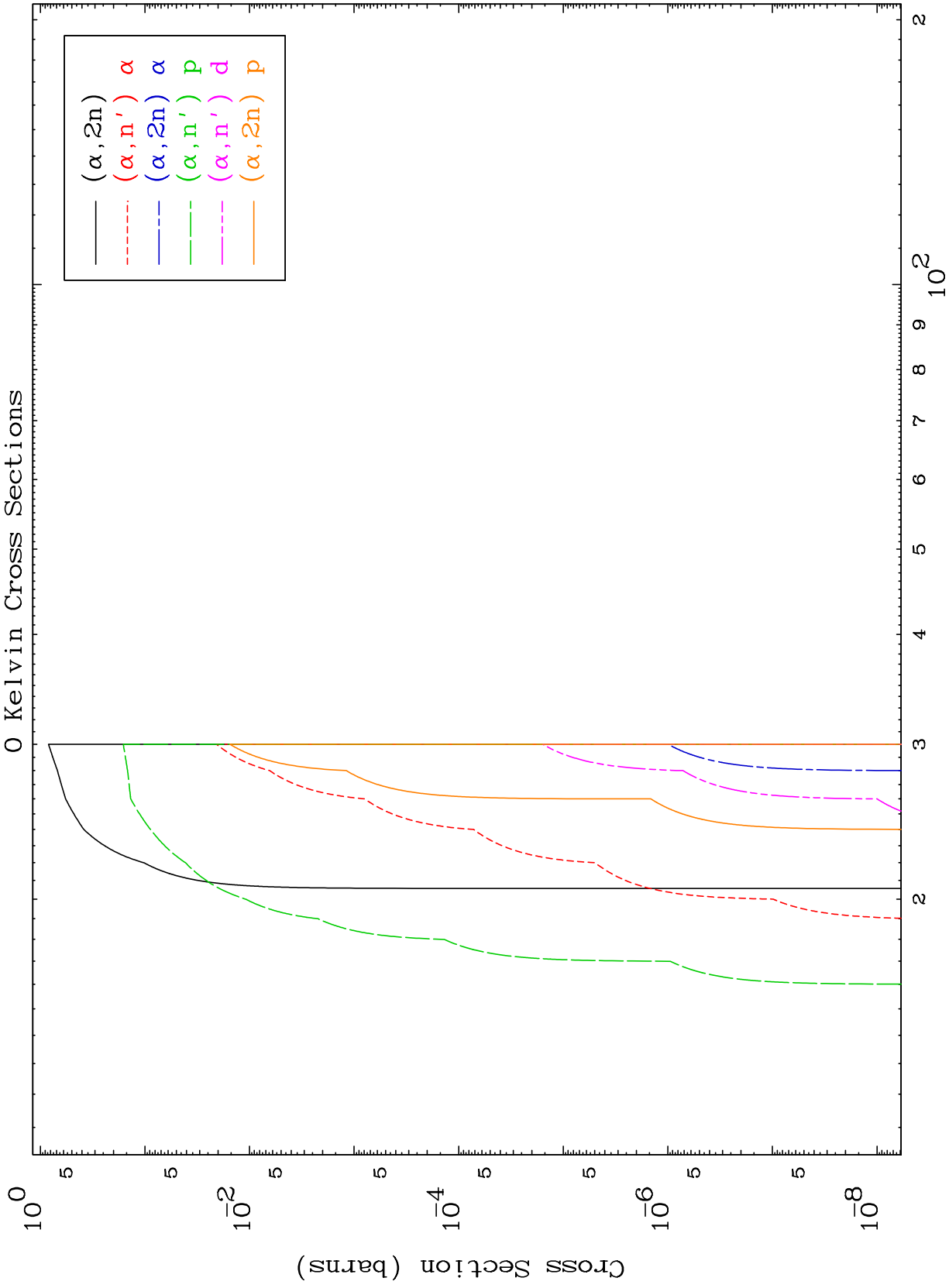
Incident Energy (MeV)

61-Pm-141

MAT 6131

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

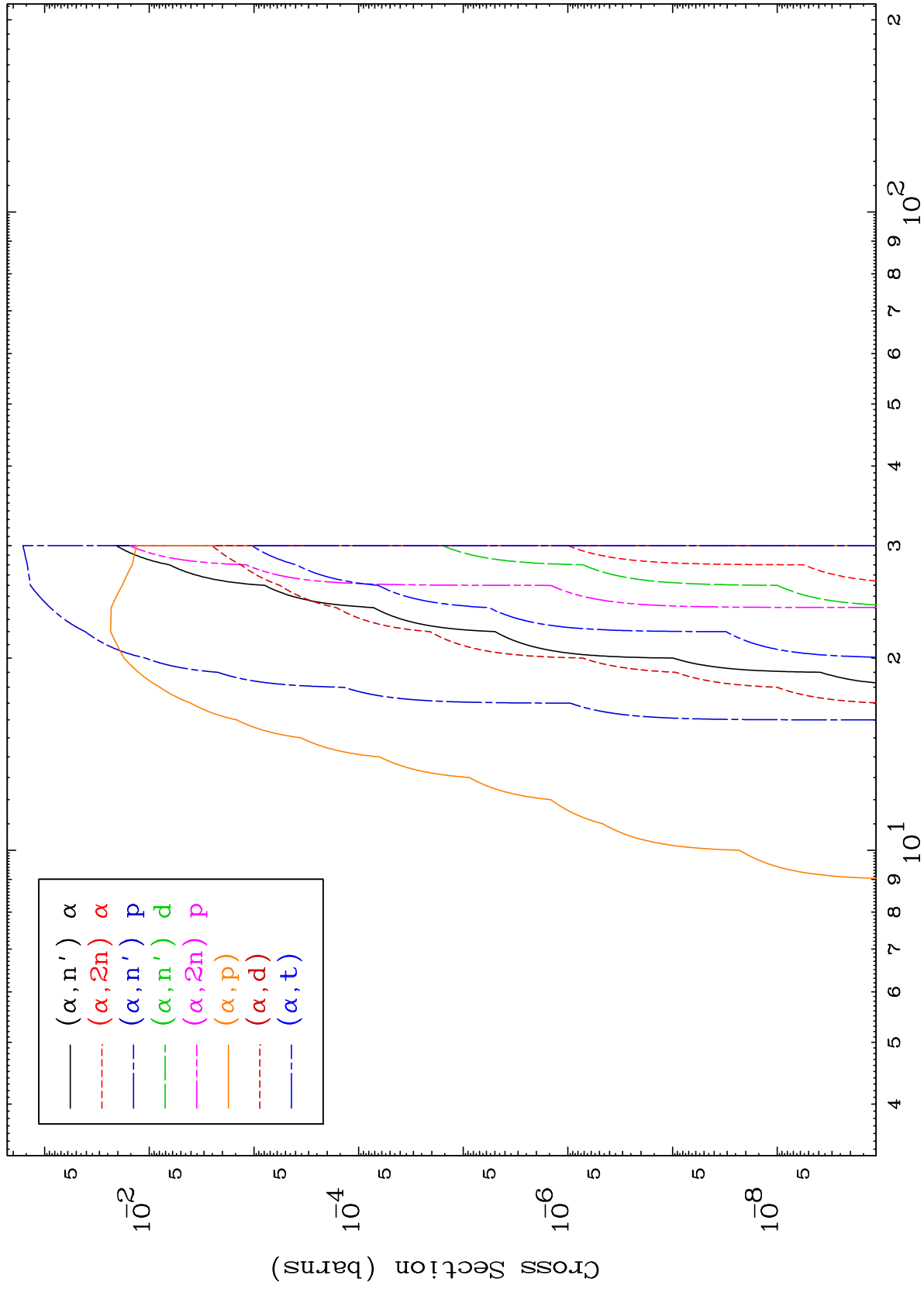
61-Pm-141



2

Incident Energy (MeV)

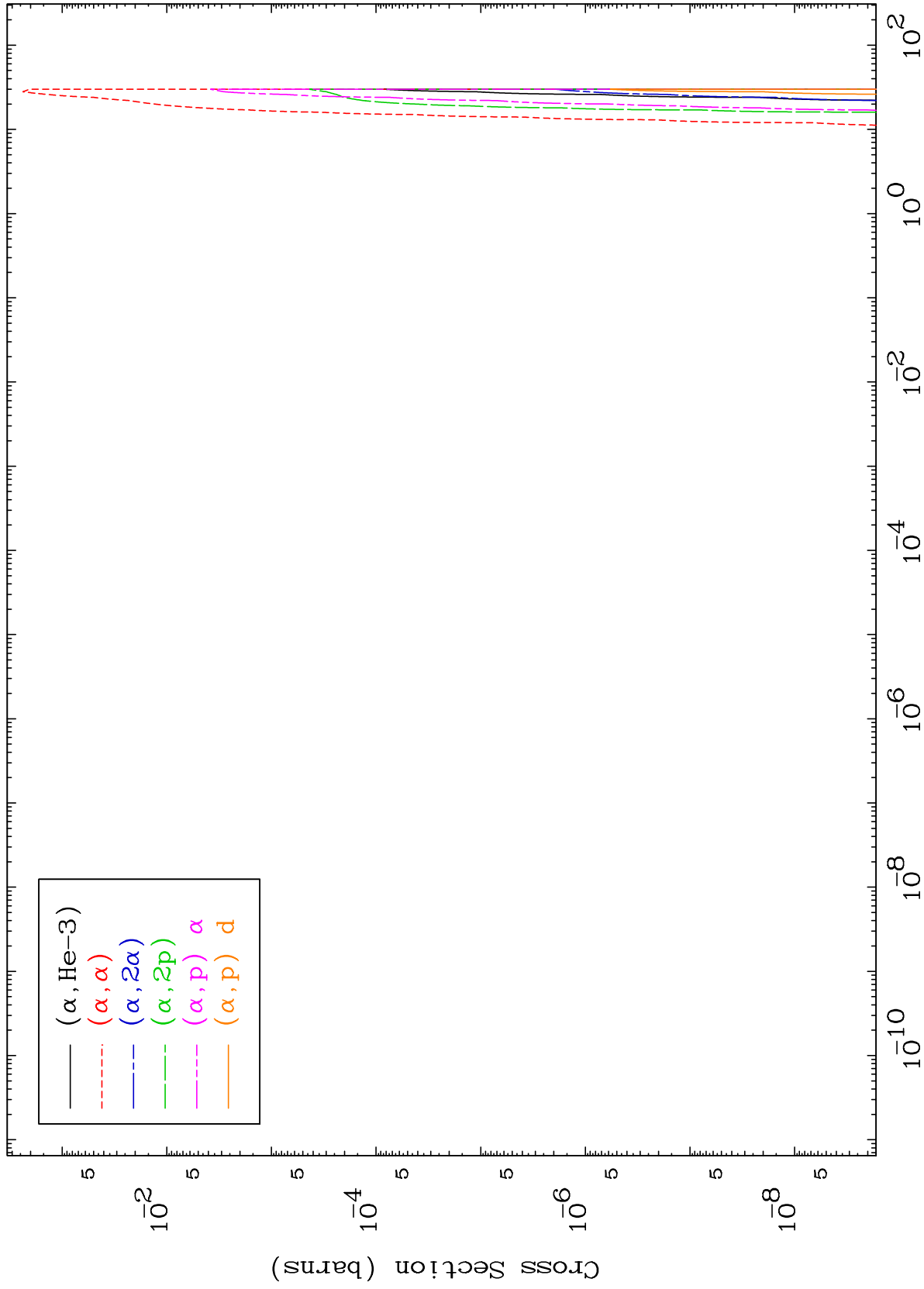
61-Pm-141



MAT 6131

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

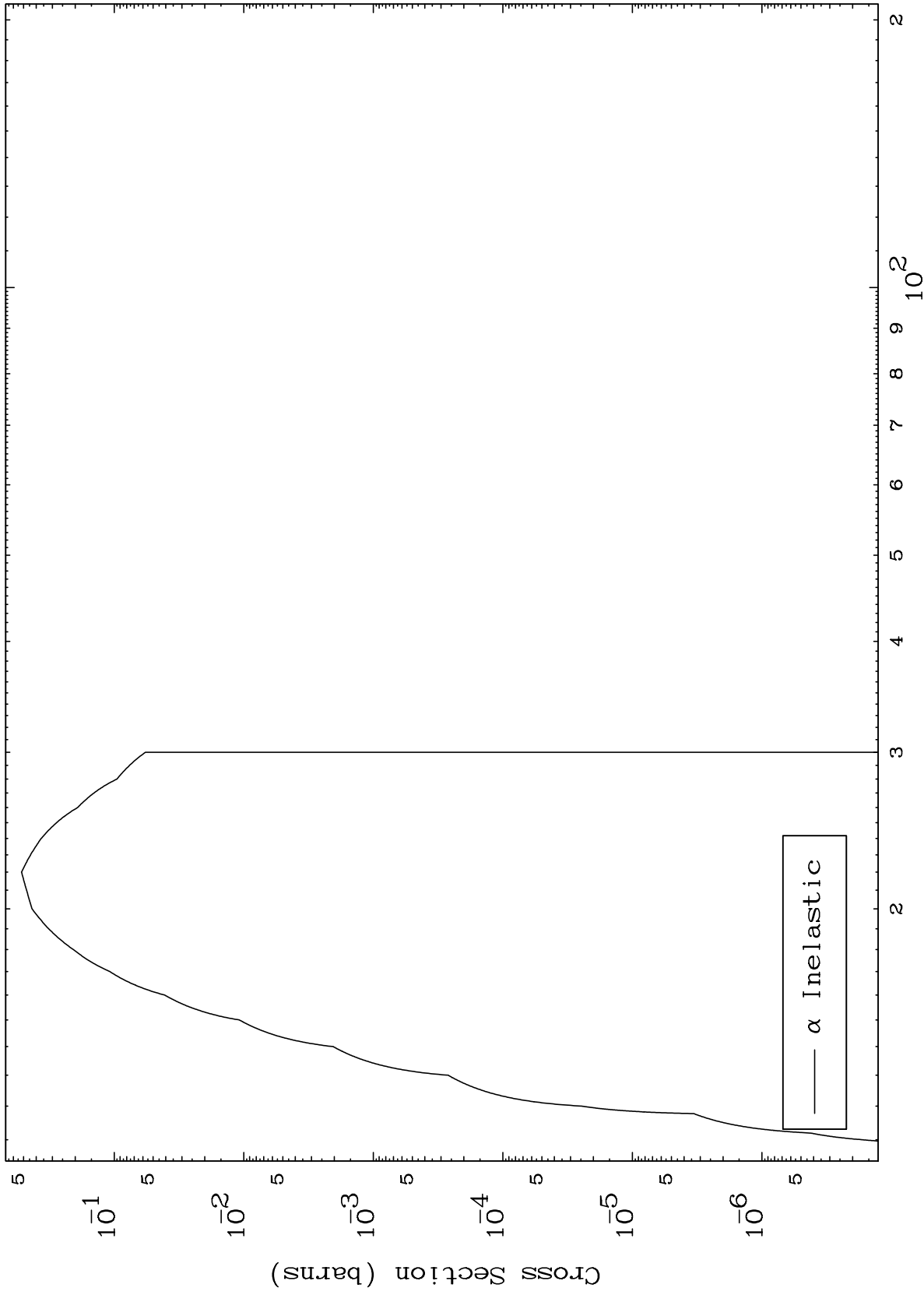
61-Pm-141



MAT 6131

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

61-Pm-141



5

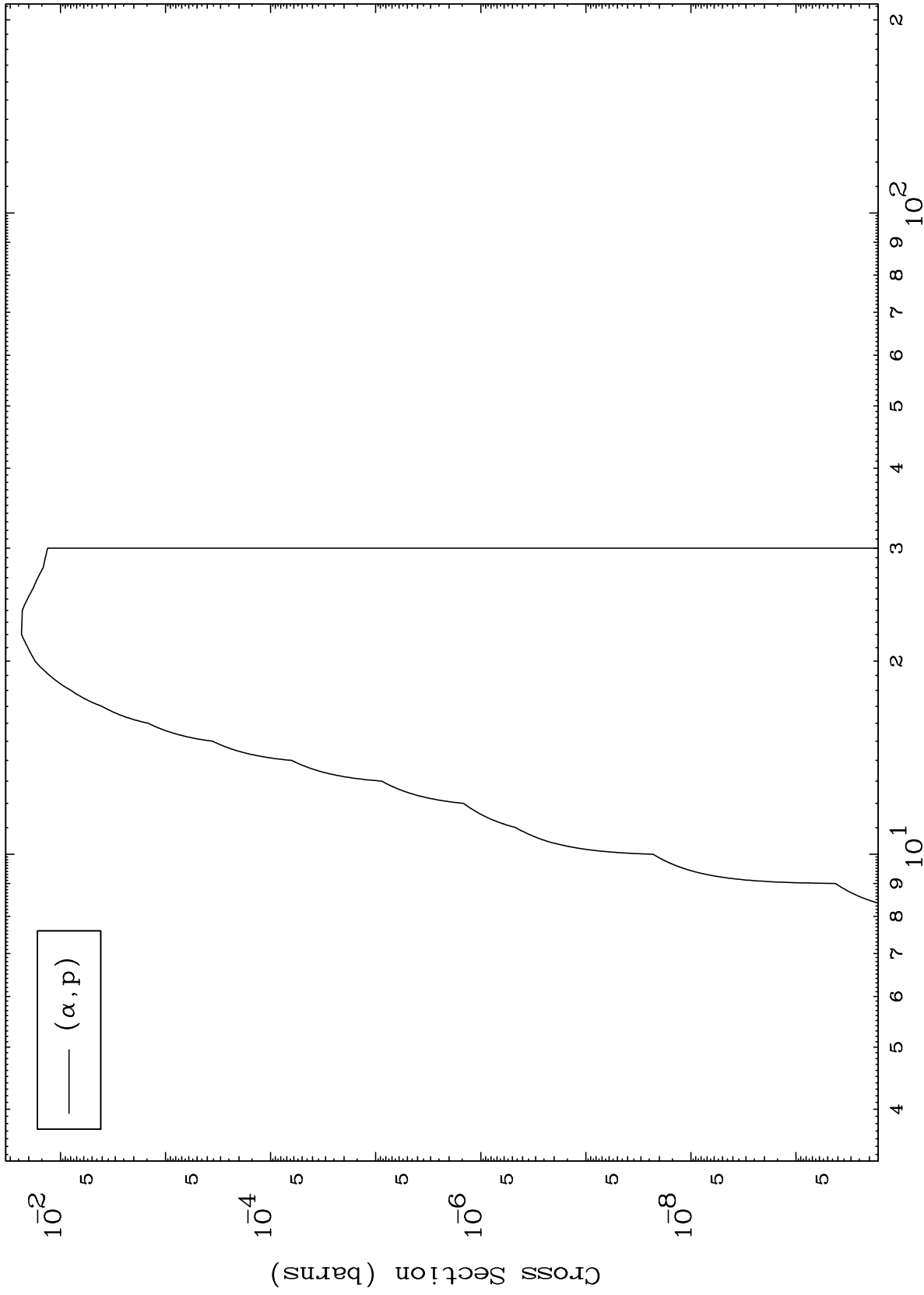
Incident Energy (MeV)

61-Pm-141

MAT 6131

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

61-Pm-141



6

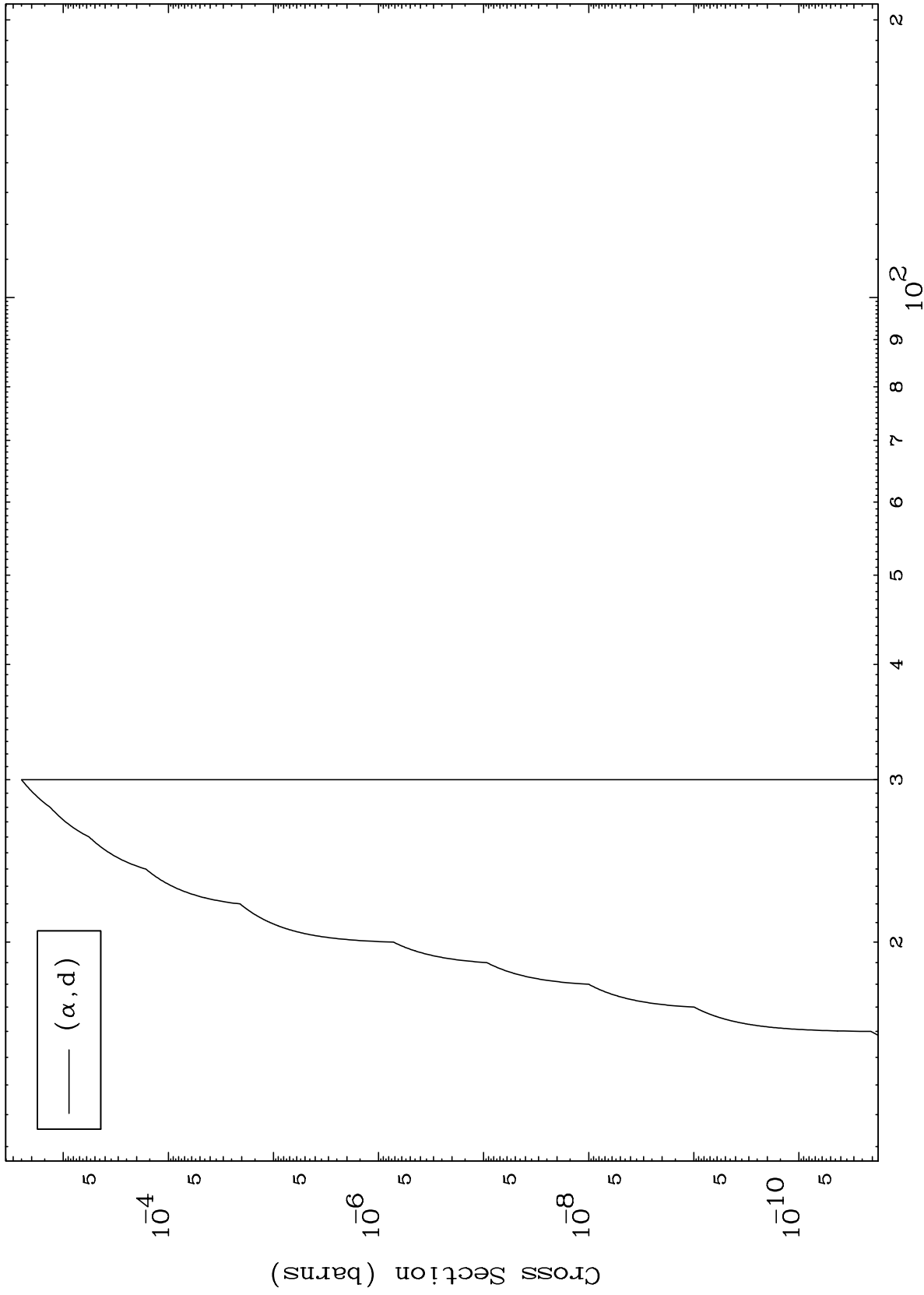
Incident Energy (MeV)

61-Pm-141

MAT 6131

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

61-Pm-141



7

Incident Energy (MeV)

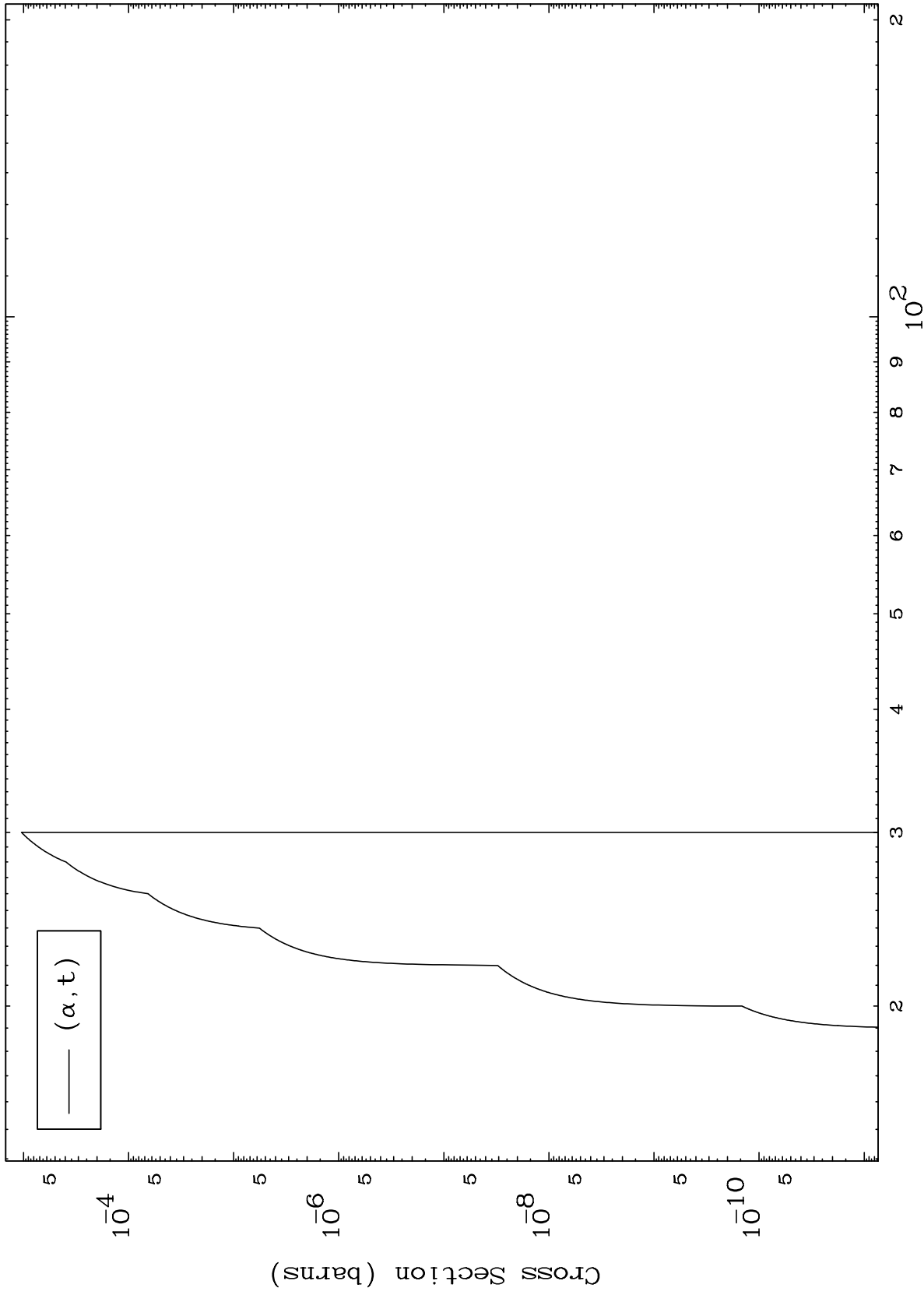
61-Pm-141



MAT 6131

( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

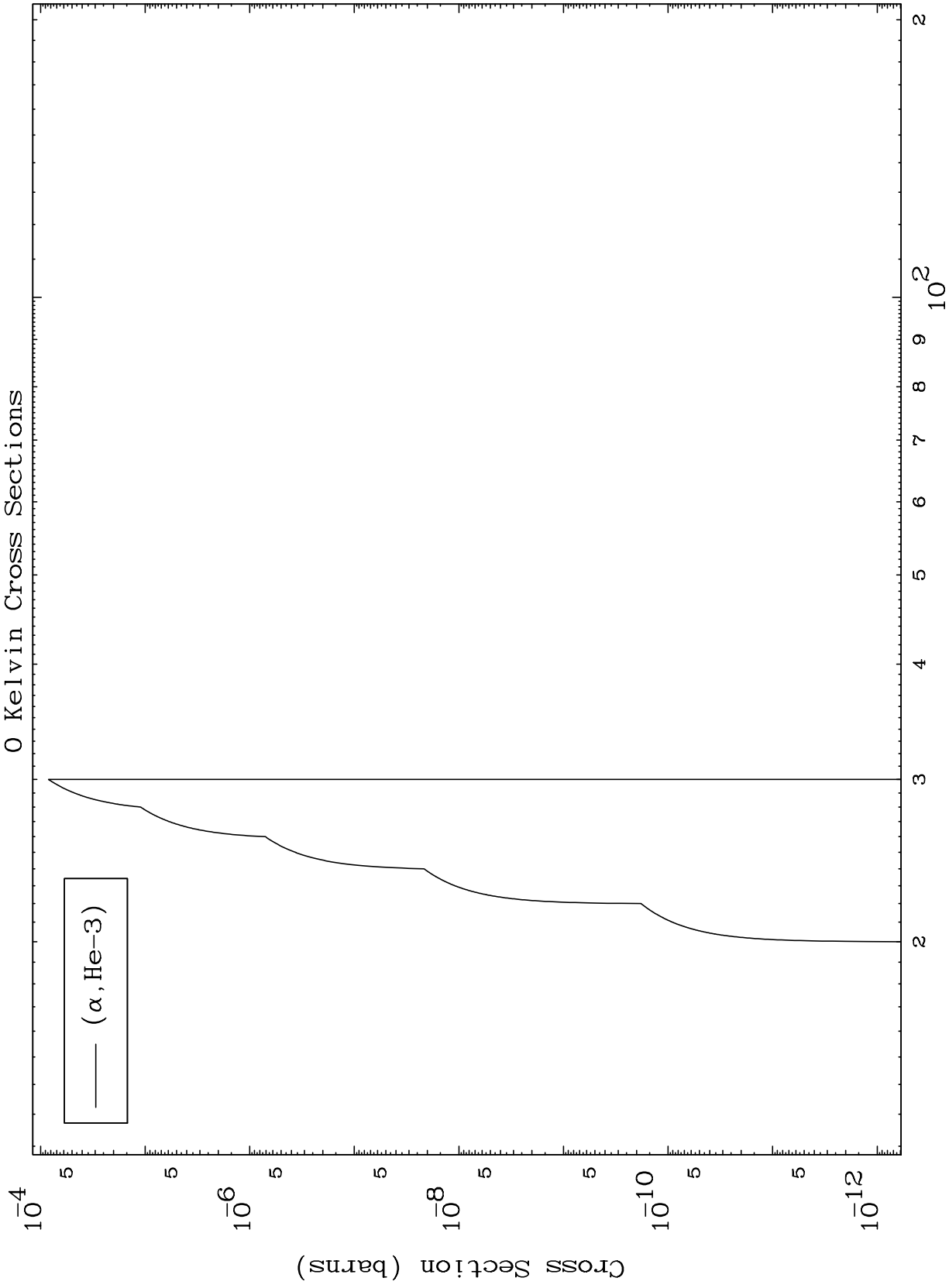
61-Pm-141



MAT 6131

( $\alpha$ ,He3) Levels  
0 Kelvin Cross Sections

61-Pm-141



9

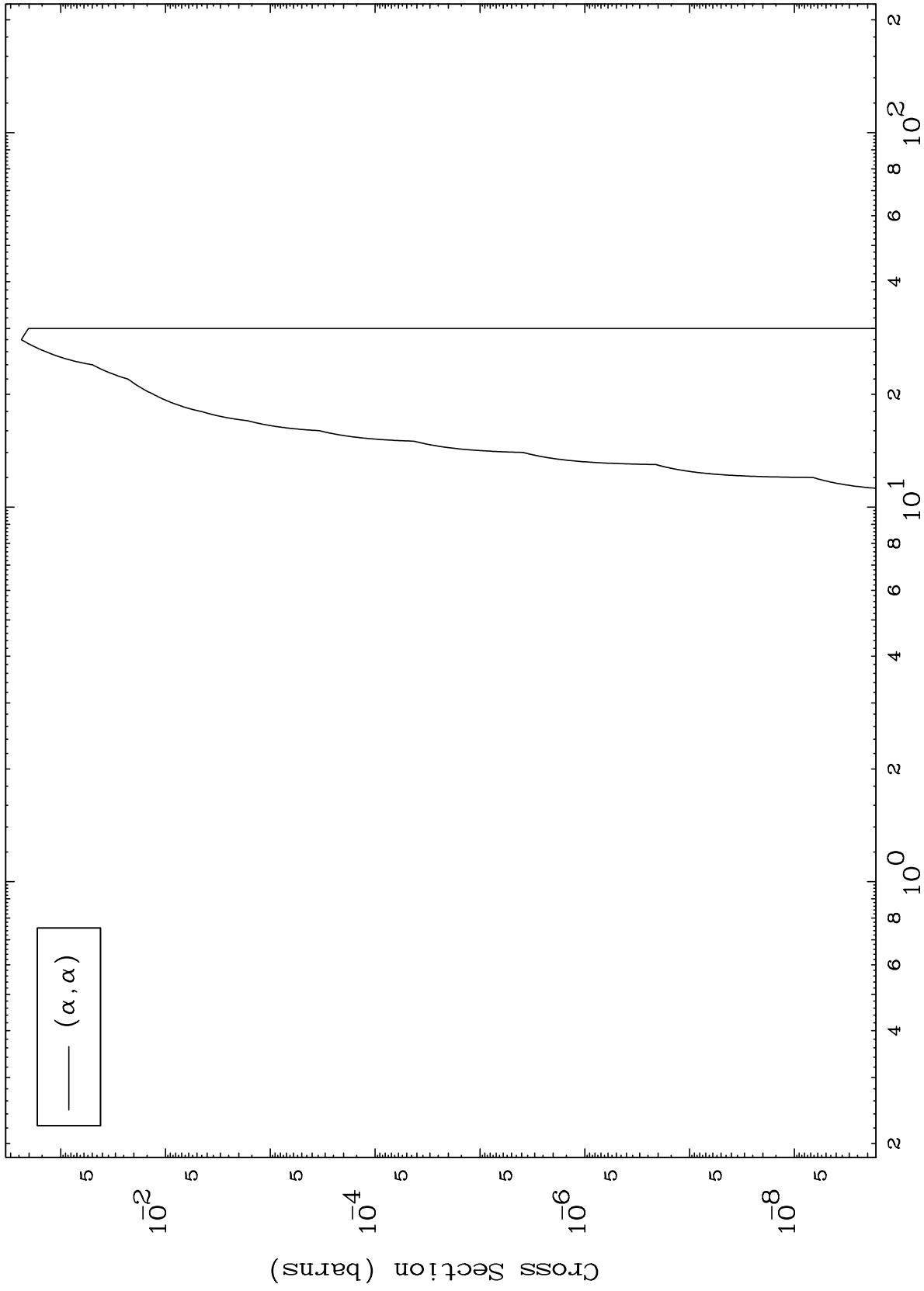
Incident Energy (MeV)

61-Pm-141

MAT 6131

( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections

61-Pm-141



10

Incident Energy (MeV)

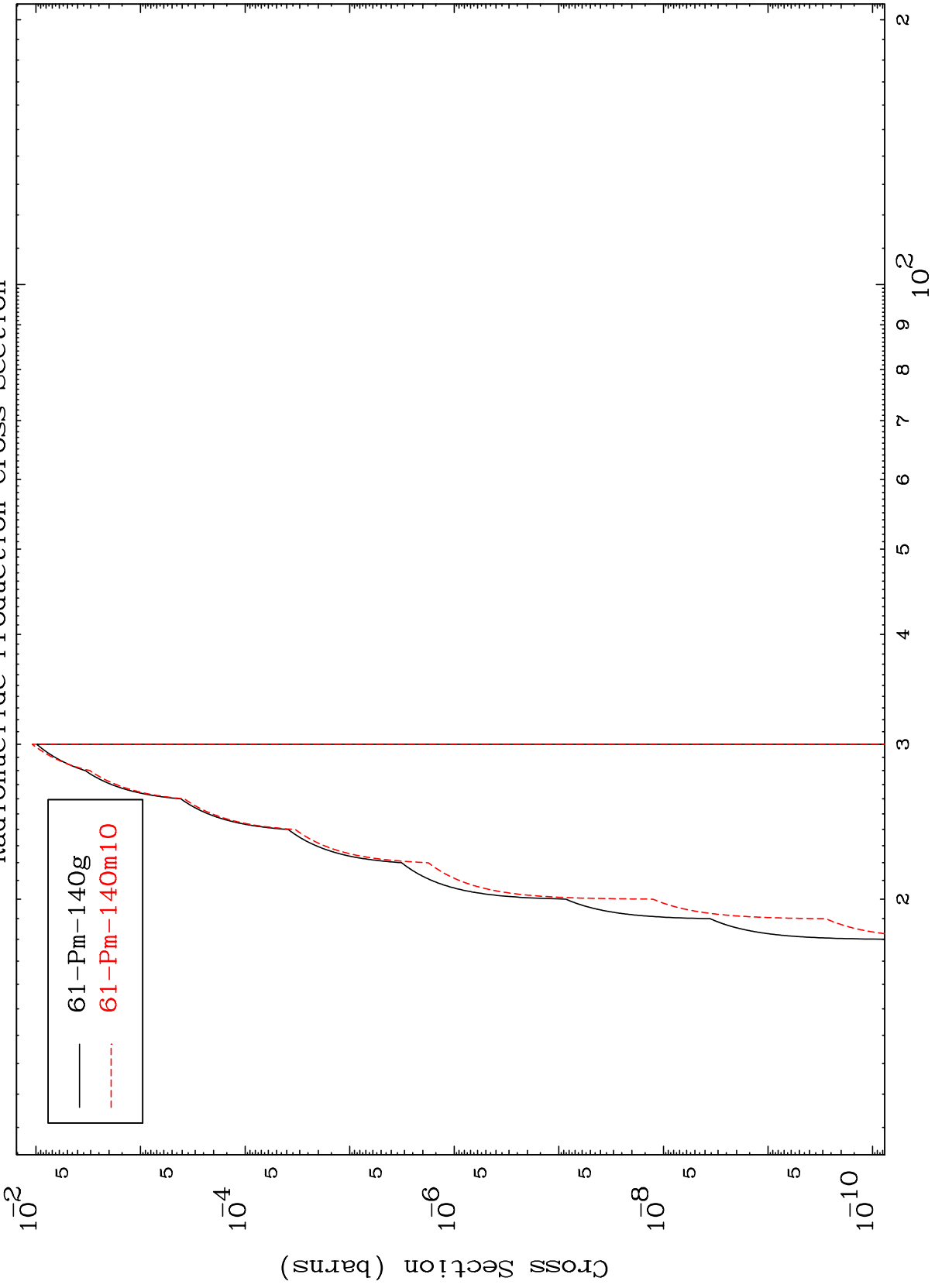
61-Pm-141

MAT 6131

61-Pm-141

( $\alpha, n'$ )  $\alpha$

Radionuclide Production Cross Section



11

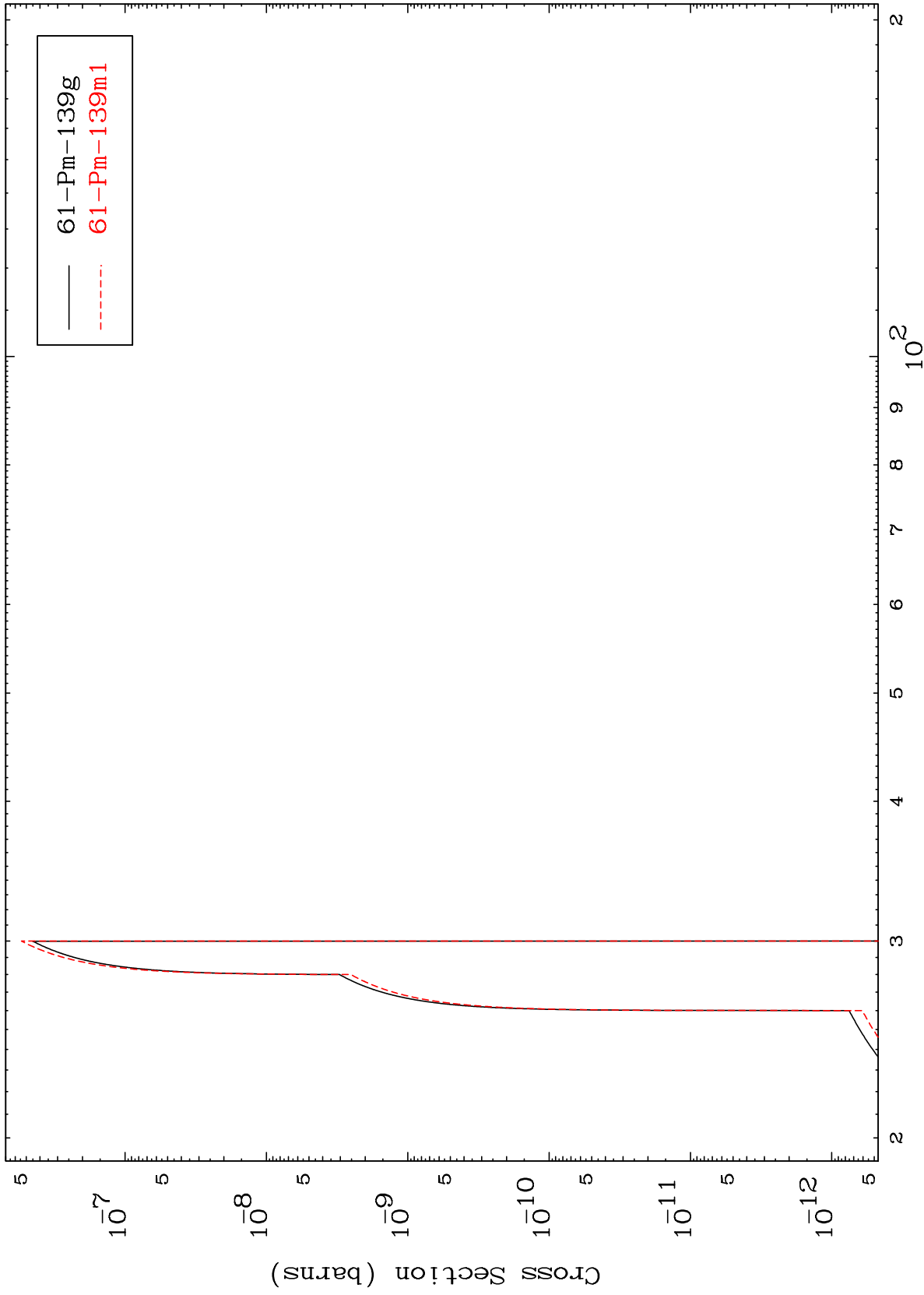
61-Pm-141

MAT 6131

$(\alpha, 2n) \alpha$

61-Pm-141

Radionuclide Production Cross Section



12

Incident Energy (MeV)

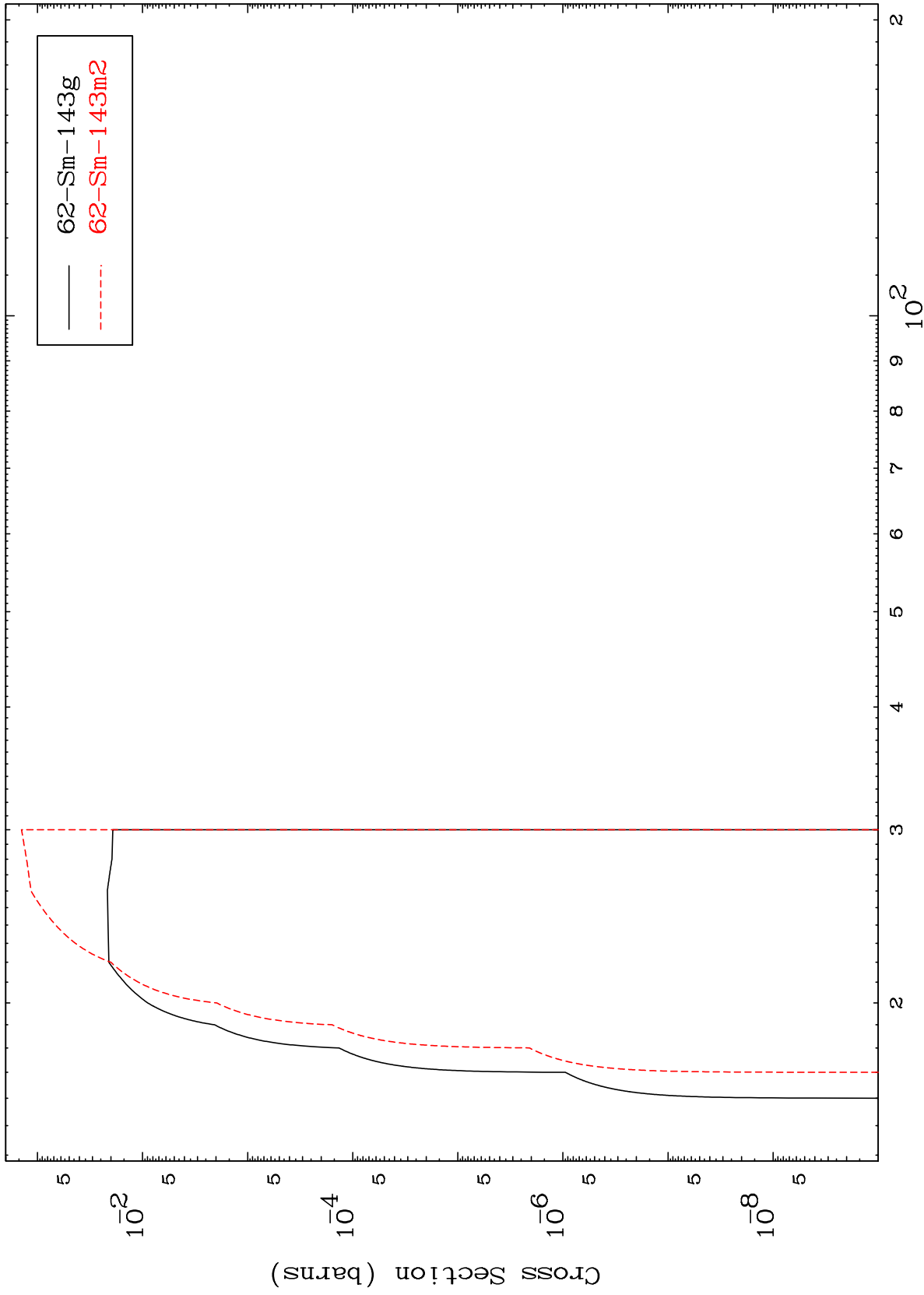
61-Pm-141

MAT 6131

( $\alpha, n'$ ) p

61-Pm-141

Radionuclide Production Cross Section



13

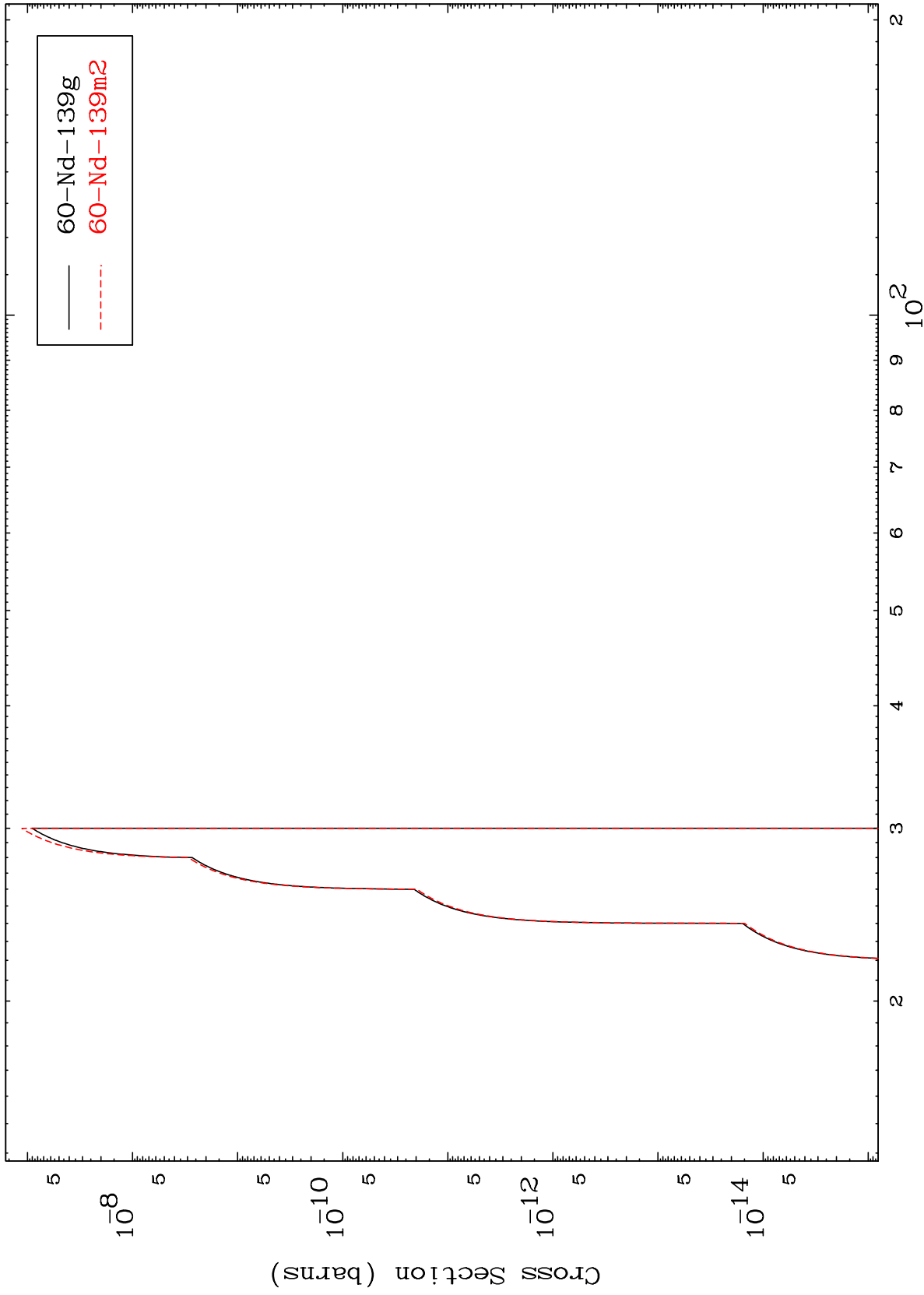
Incident Energy (MeV)

61-Pm-141

MAT 6131

61-Pm-141

$(\alpha, n')$  p  $\alpha$   
Radionuclide Production Cross Section



14

Incident Energy (MeV)

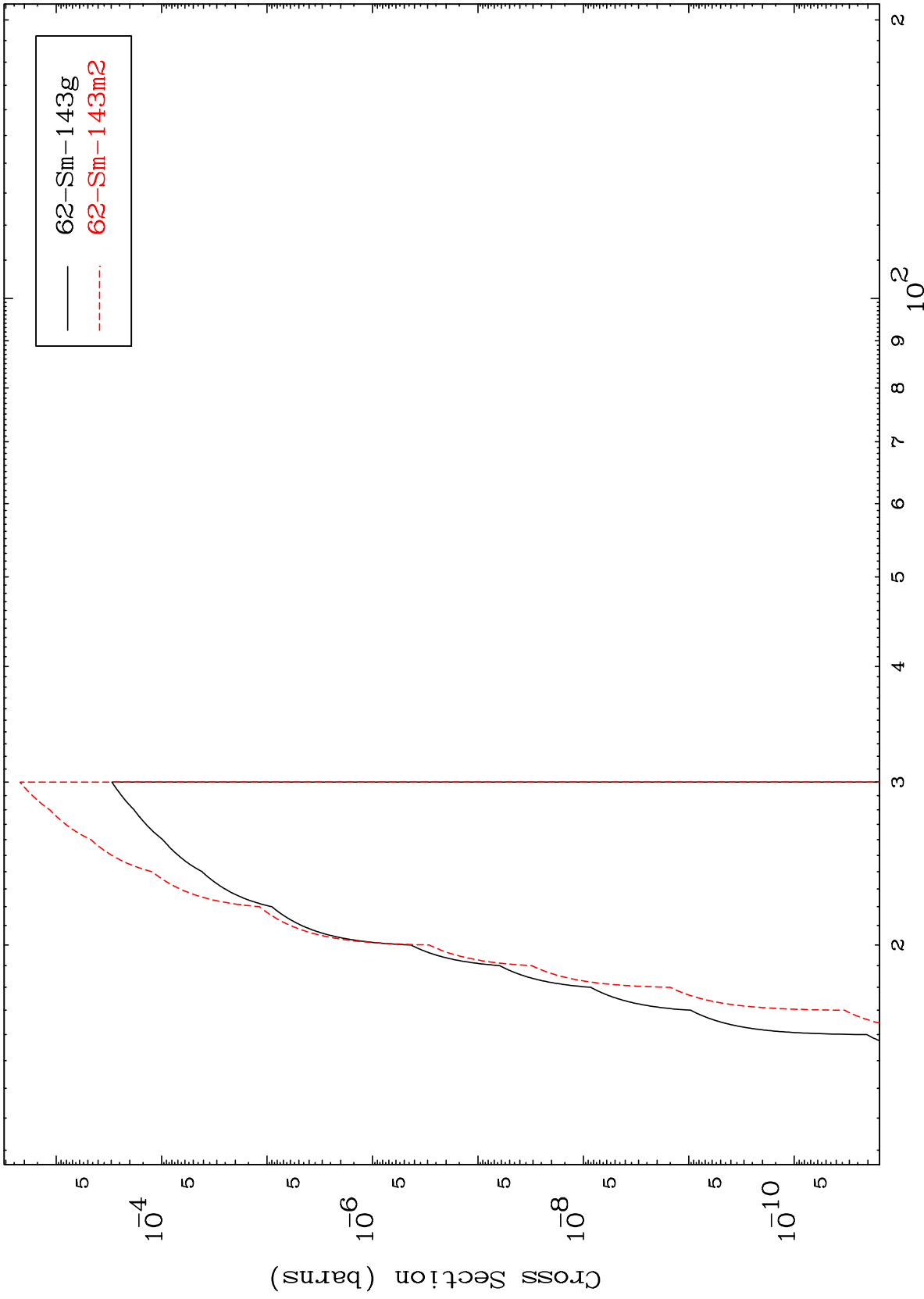
61-Pm-141

MAT 6131

( $\alpha, d$ )

61-Pm-141

Radionuclide Production Cross Section



15

Incident Energy (MeV)

61-Pm-141