

Program EVALPLOT
(Version 2018-1)

by

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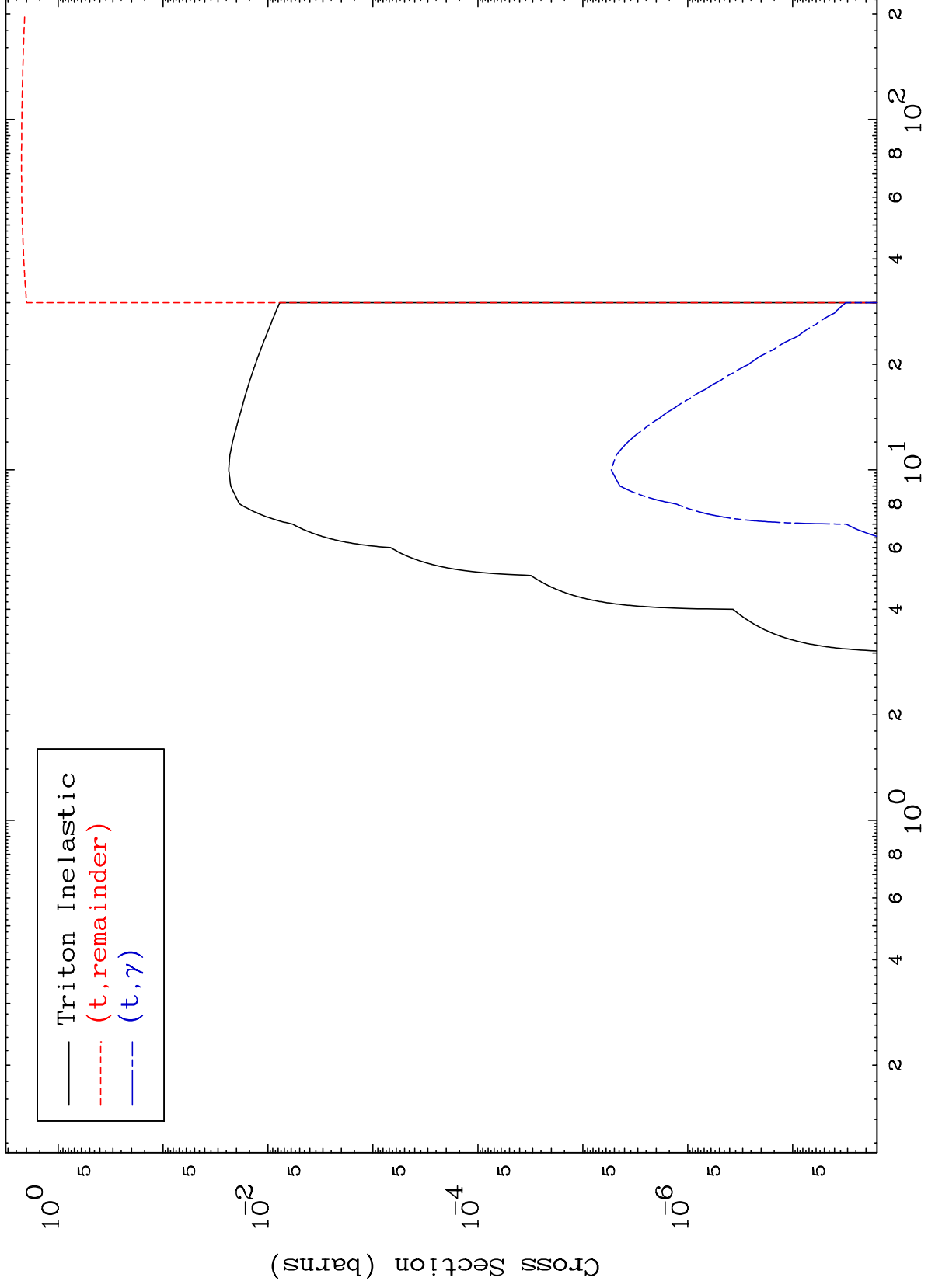
Press Mouse Button to Start

MAT 6140

Triton Major

61-Pm-144

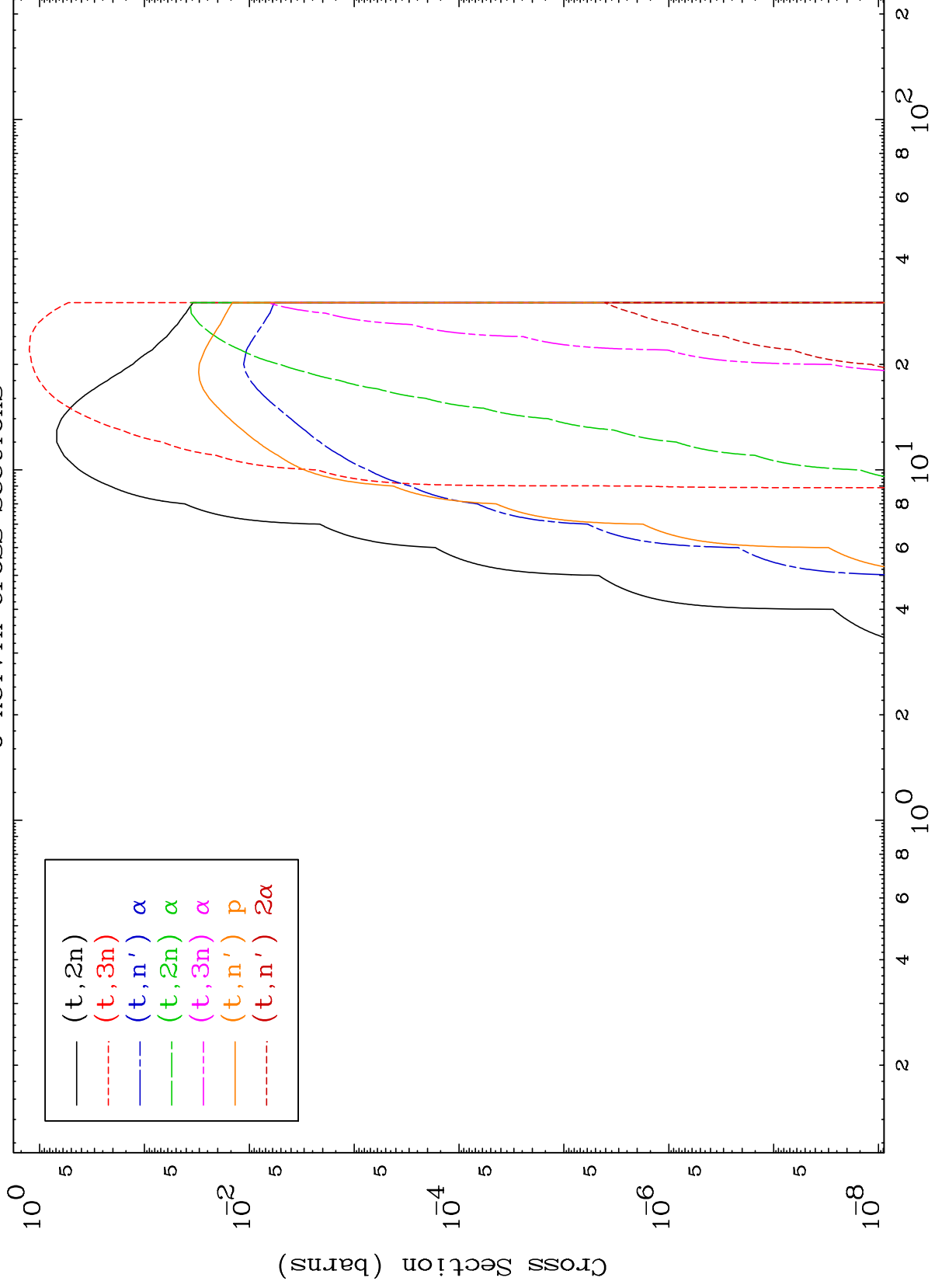
0 Kelvin Cross Sections

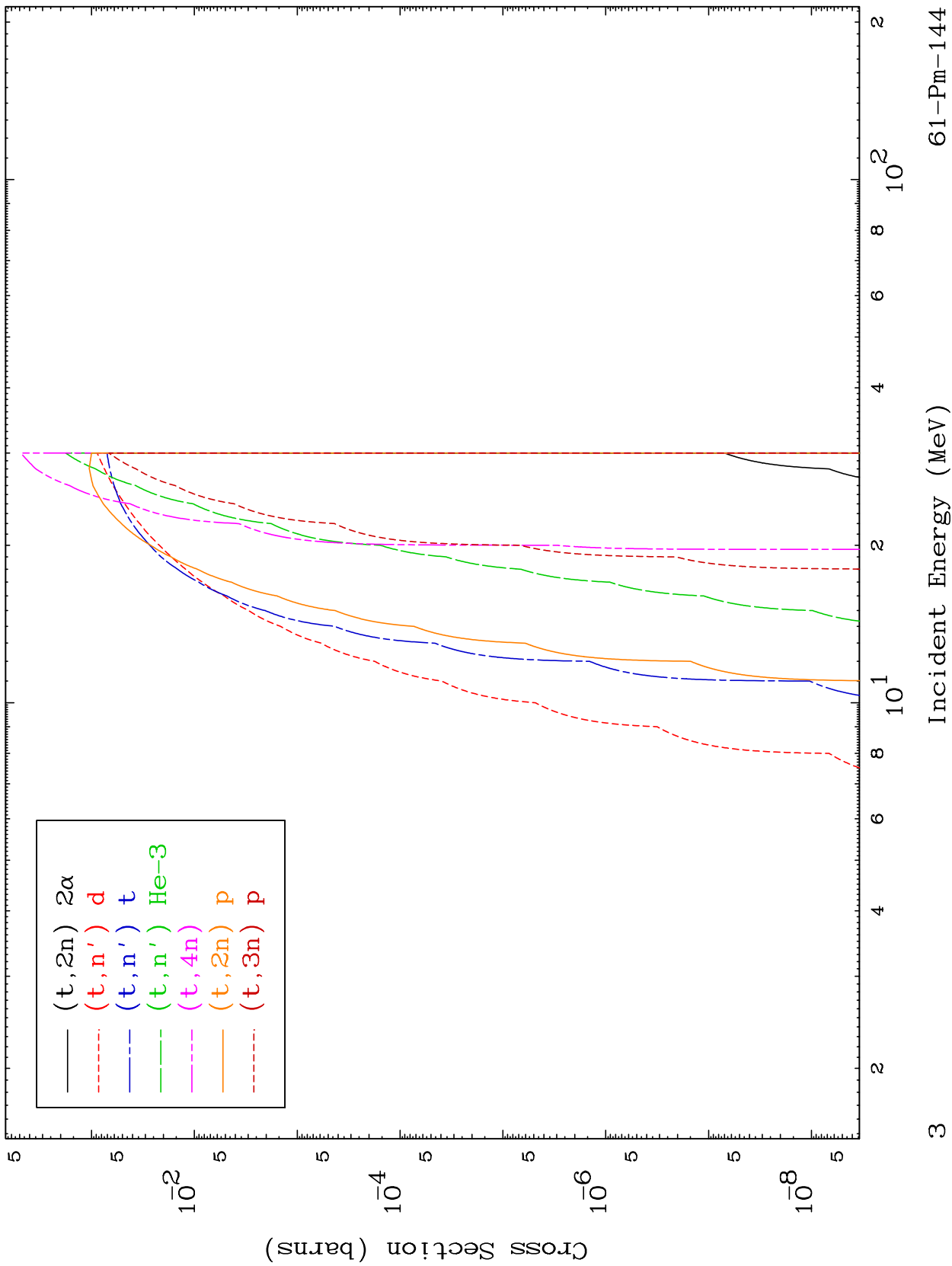


MAT 6140

Triton Neutron Production
0 Kelvin Cross Sections

61-Pm-144

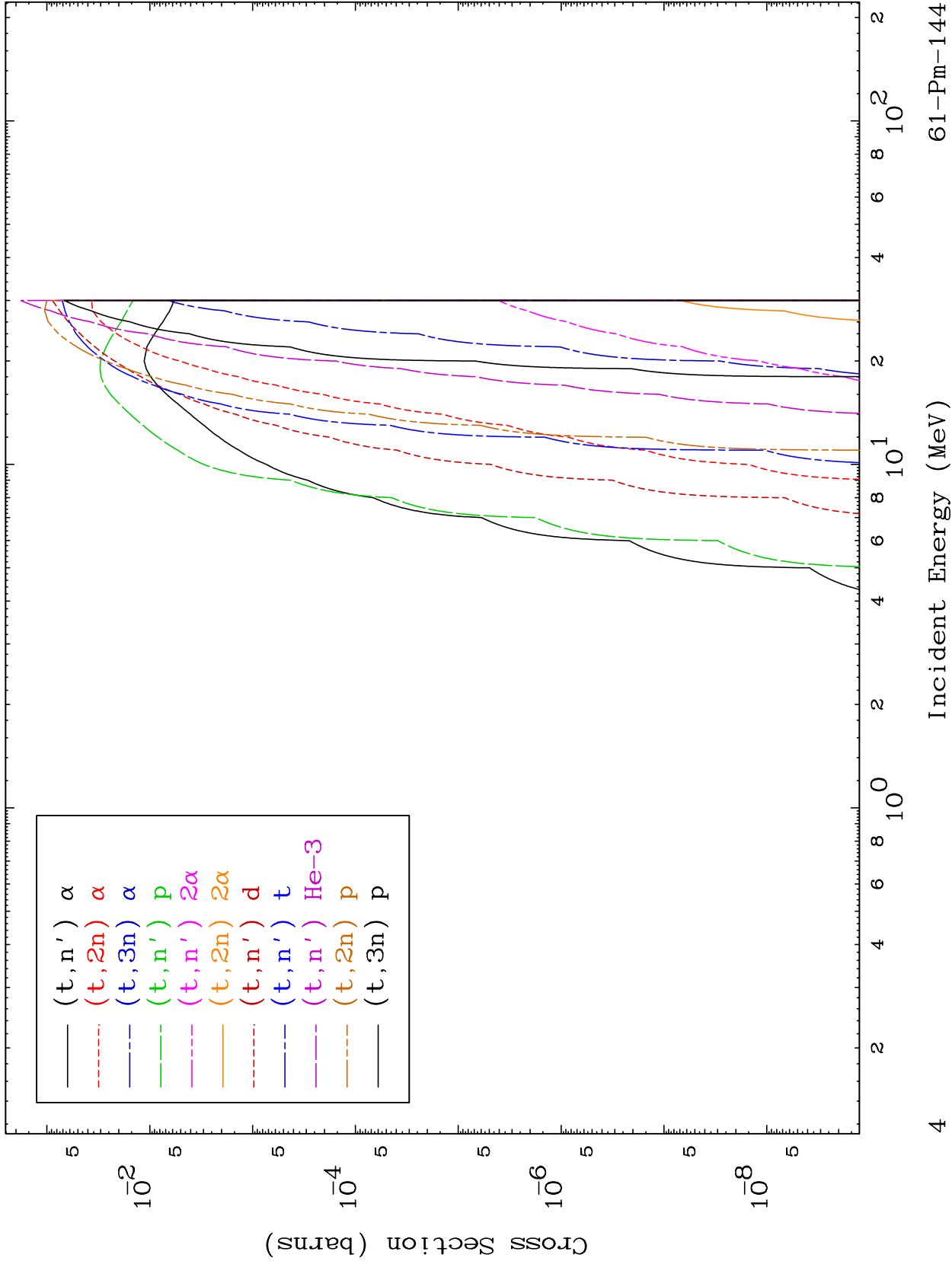




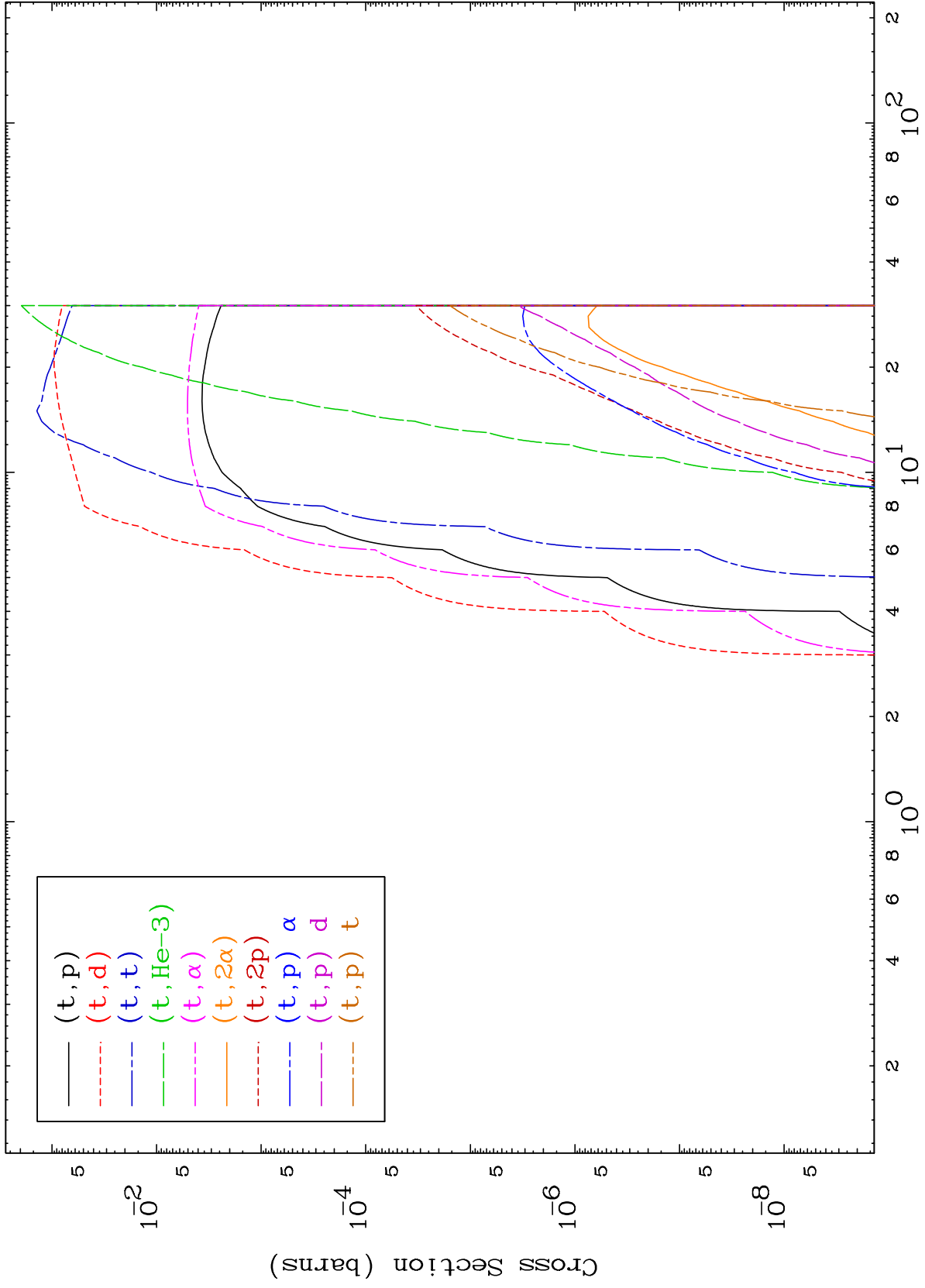
MAT 6140

Triton Charged Particle
0 Kelvin Cross Sections

61-Pm-144



61-Pm-144



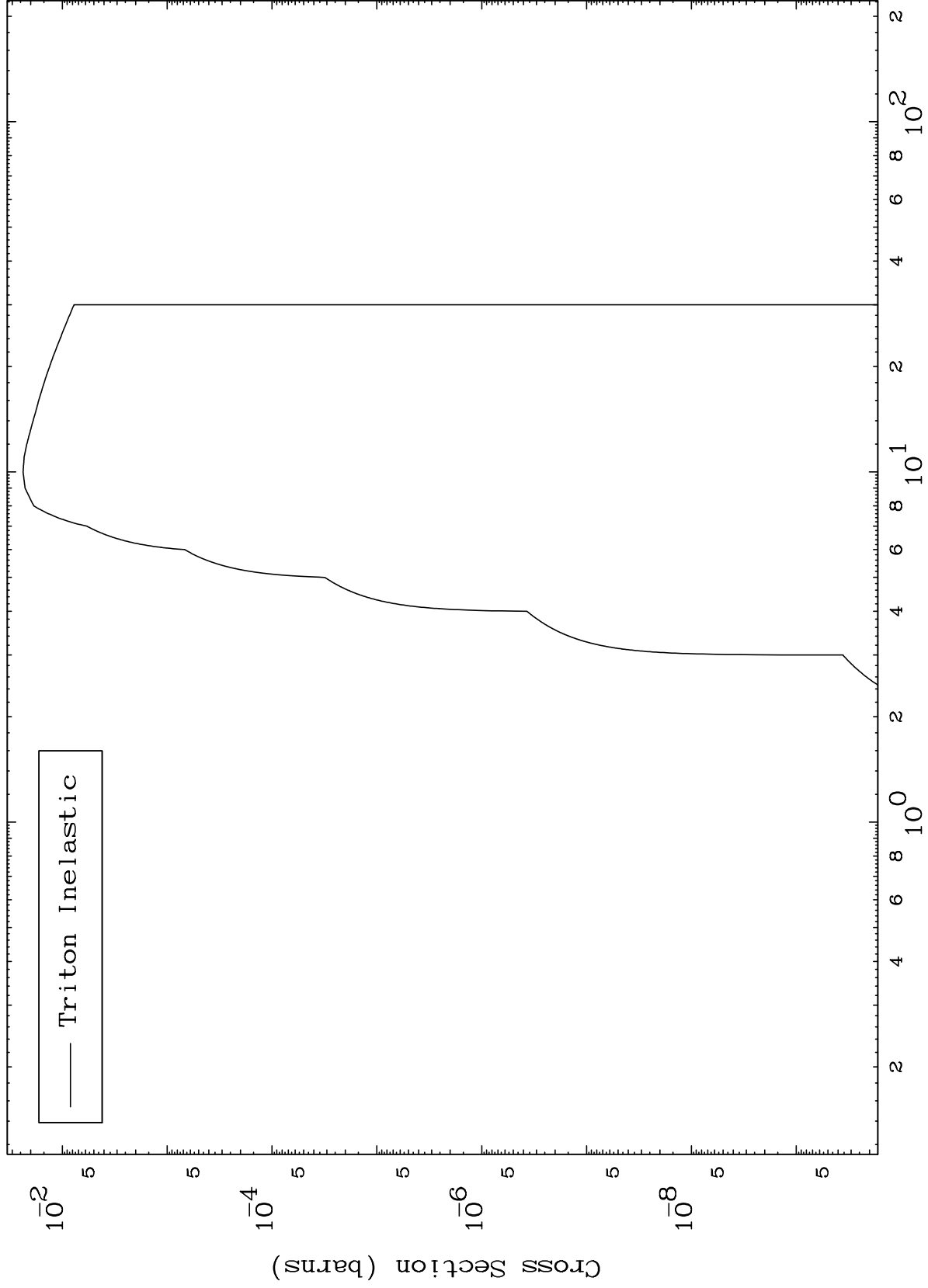
- (t,p)
- (t,d)
- (t,t)
- (t,He-3)
- (t, α)
- (t,2 α)
- (t,2p)
- (t,p) α
- (t,p) d
- (t,p) t

MAT 6140

(t, n') Level

61-Pm-144

0 Kelvin Cross Sections



6

Incident Energy (MeV)

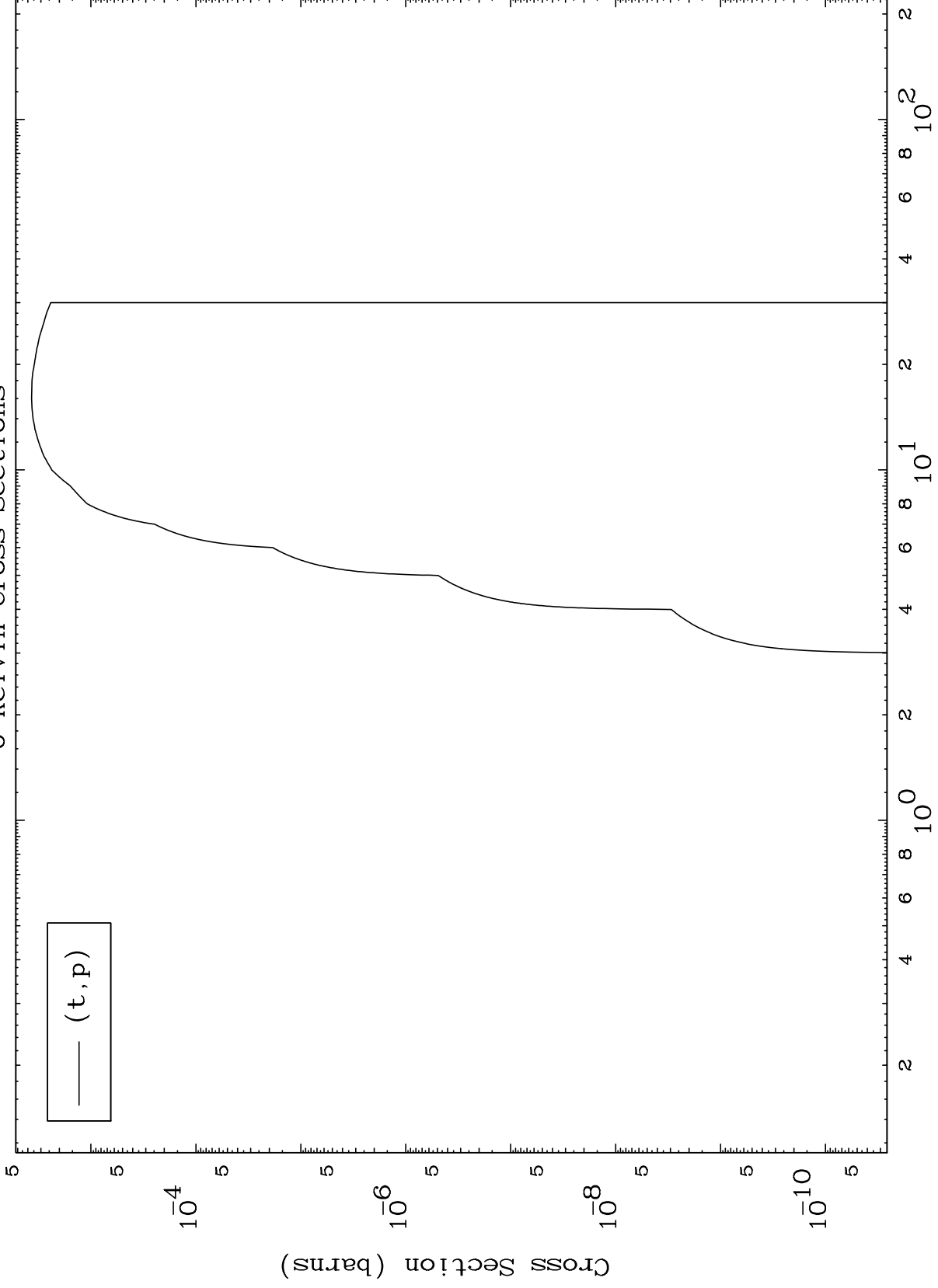
61-Pm-144

MAT 6140

(t,p) Levels

61-Pm-144

0 Kelvin Cross Sections

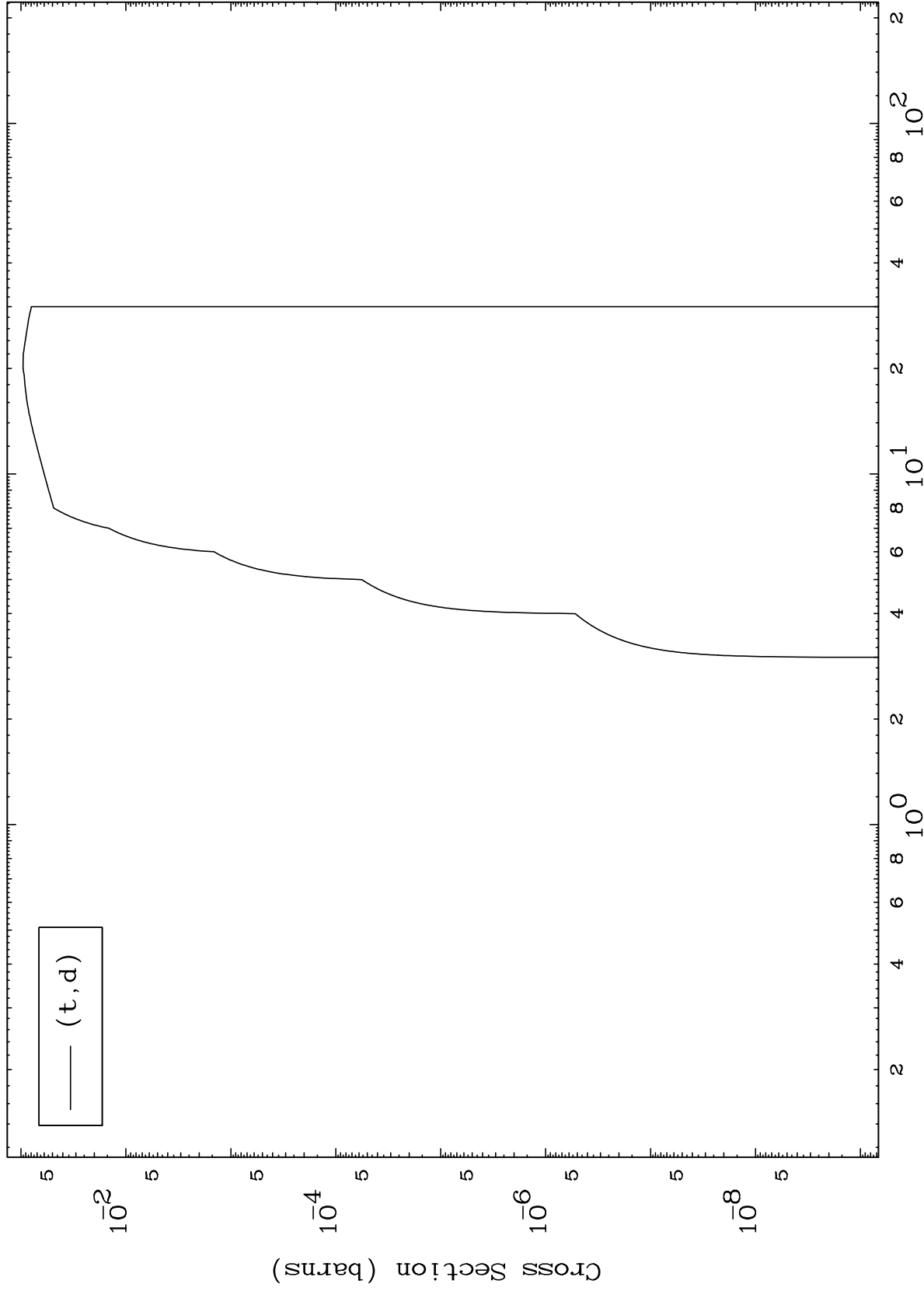


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(t,d) Levels

61-Pm-144

0 Kelvin Cross Sections

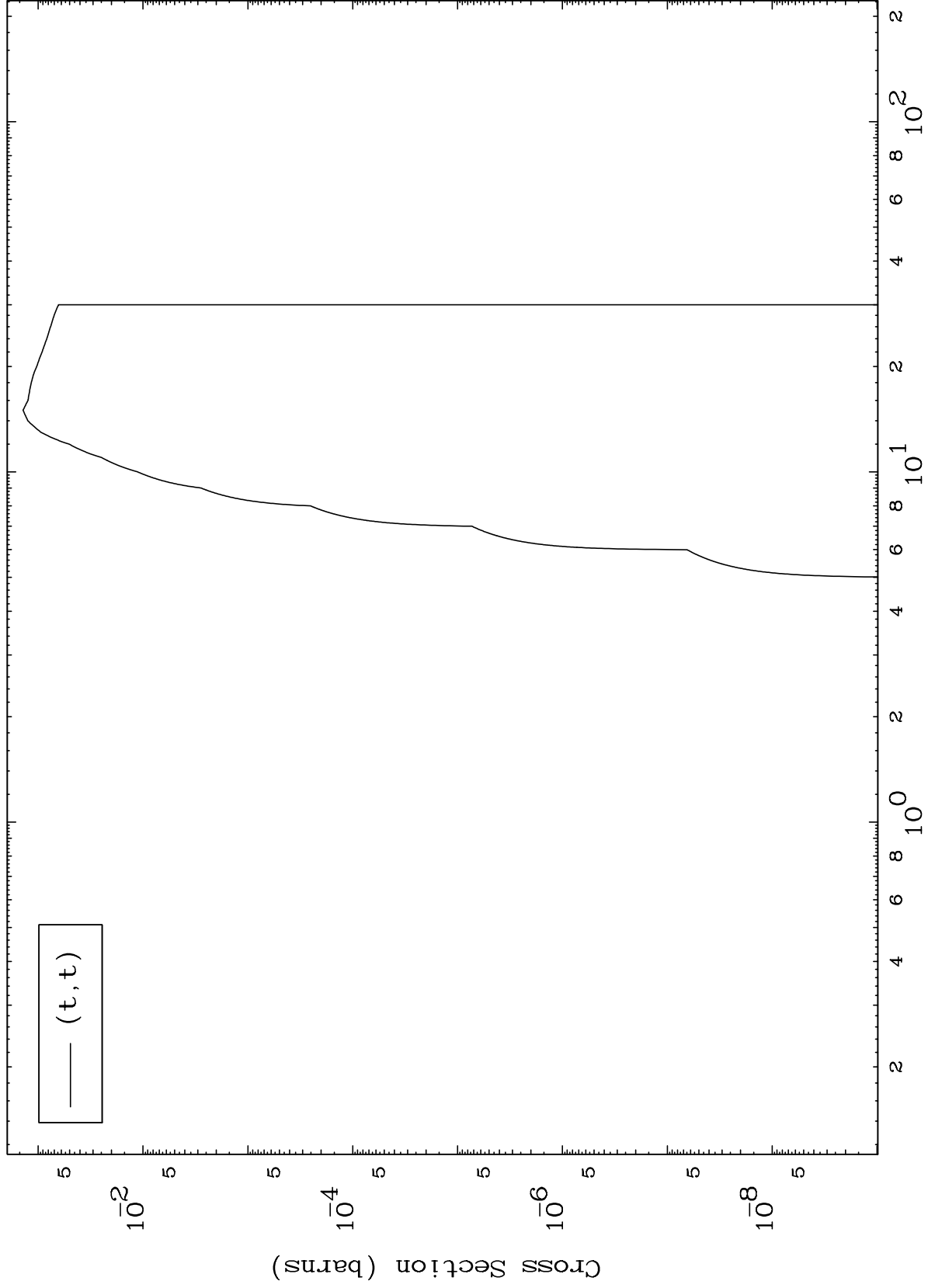


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(t, t) Levels

61-Pm-144

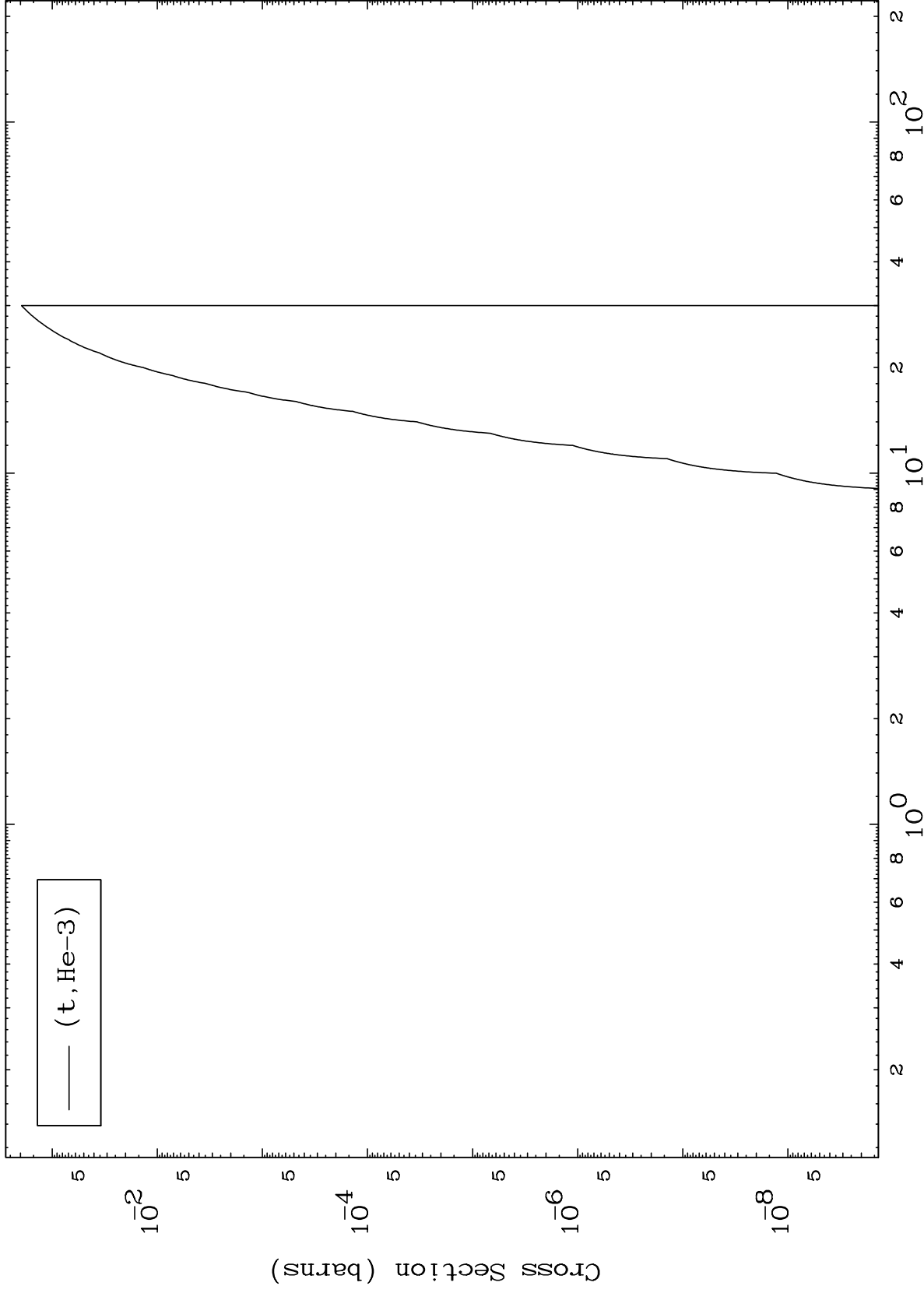
0 Kelvin Cross Sections



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(t,He3) Levels
0 Kelvin Cross Sections

61-Pm-144



10

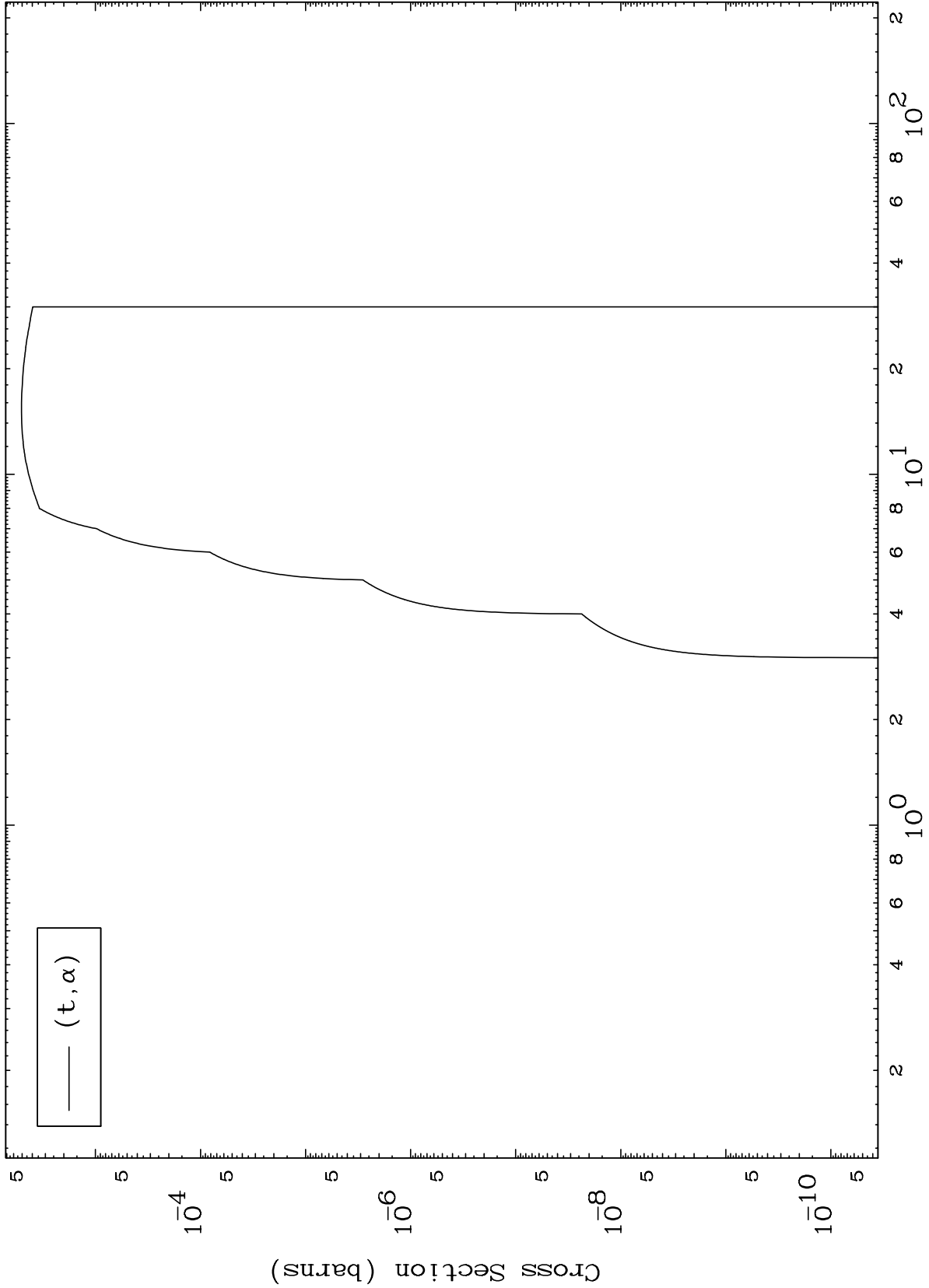
Incident Energy (MeV)

61-Pm-144

MAT 6140

61-Pm-144

(t, α) Levels
0 Kelvin Cross Sections



61-Pm-144

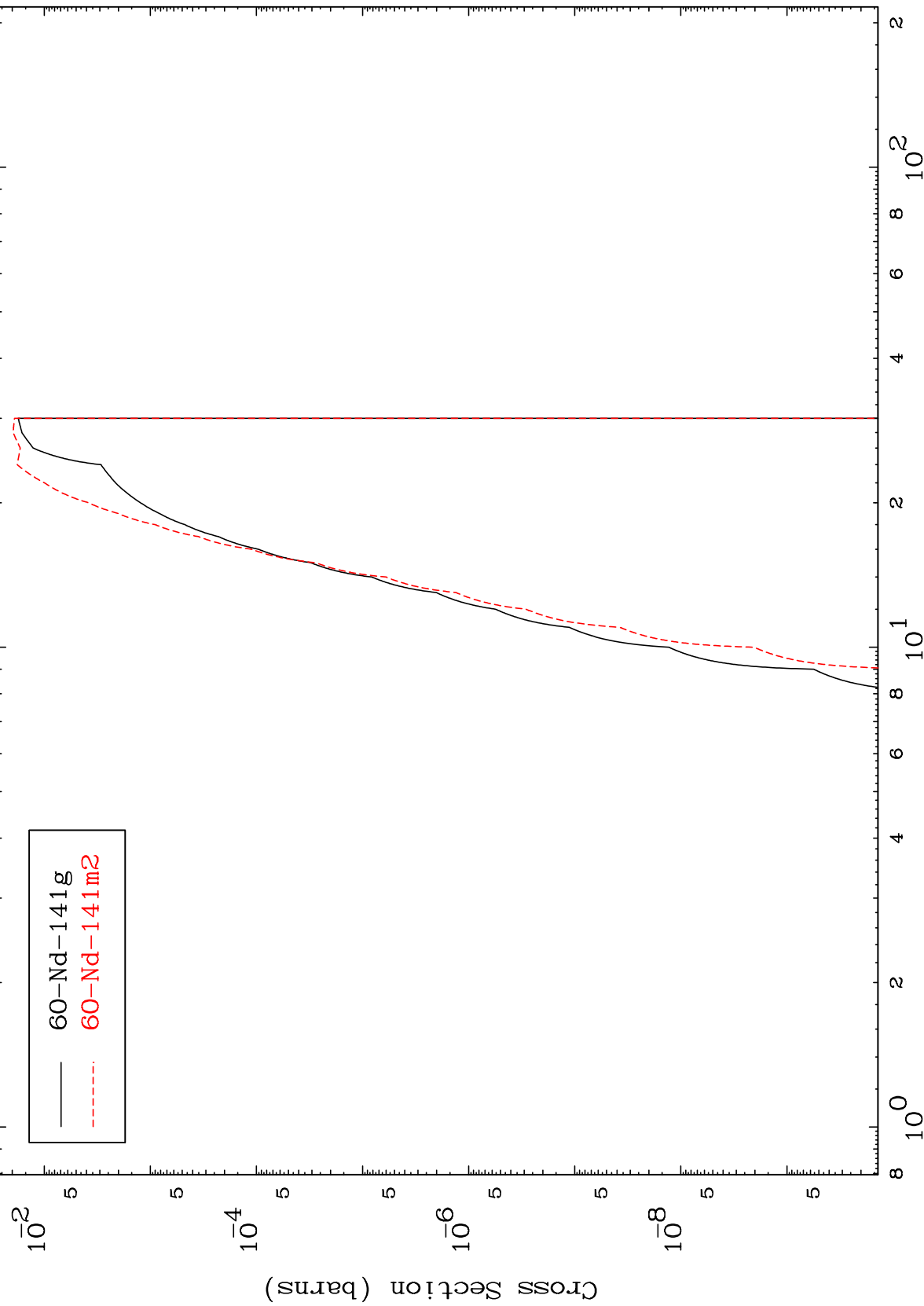
Incident Energy (MeV)

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(t,2n) α

61-Pm-144

Radionuclide Production Cross Section



12

Incident Energy (MeV)

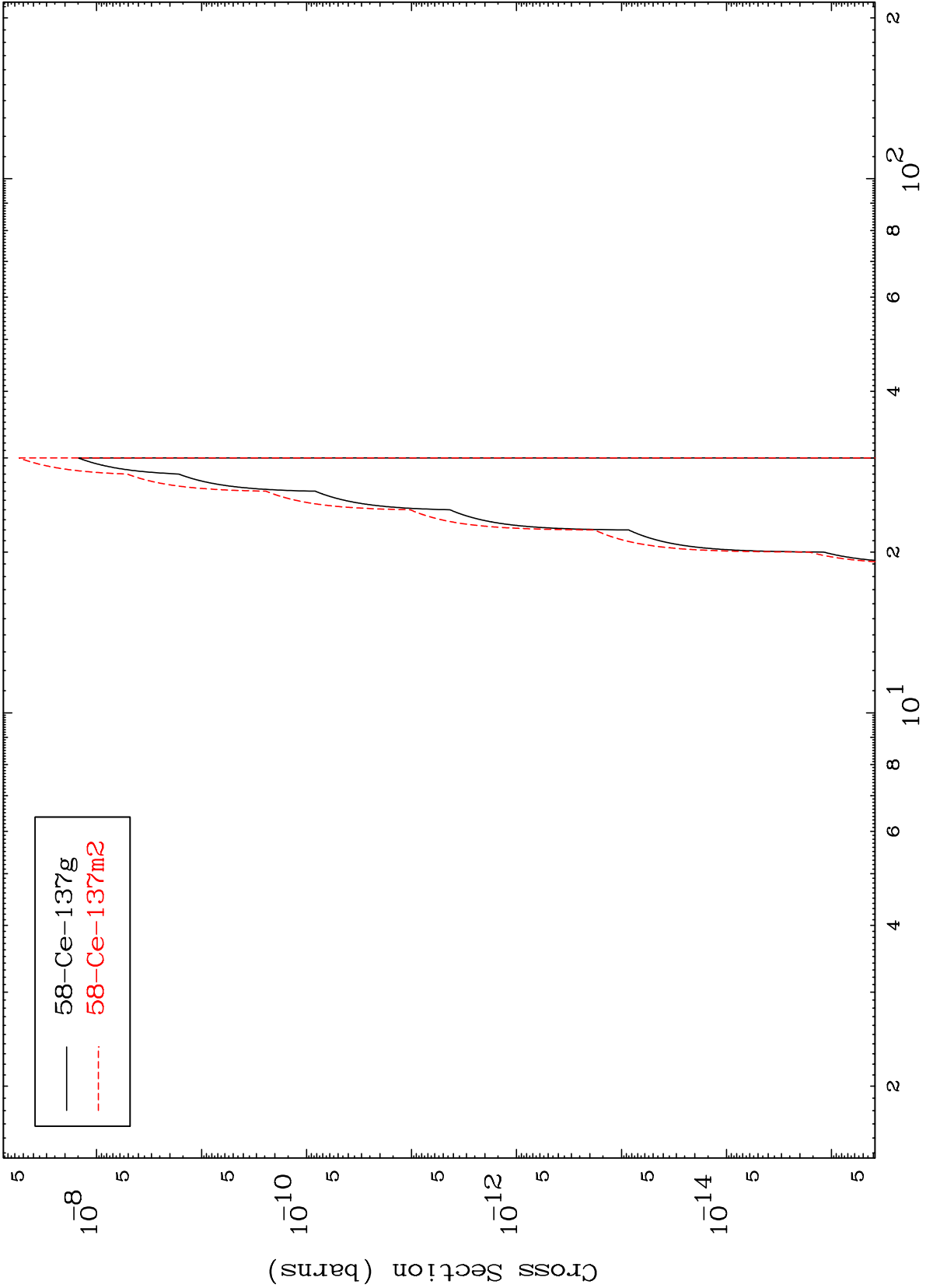
61-Pm-144

MAT 6140

(t,2n) 2 α

61-Pm-144

Radionuclide Production Cross Section



13

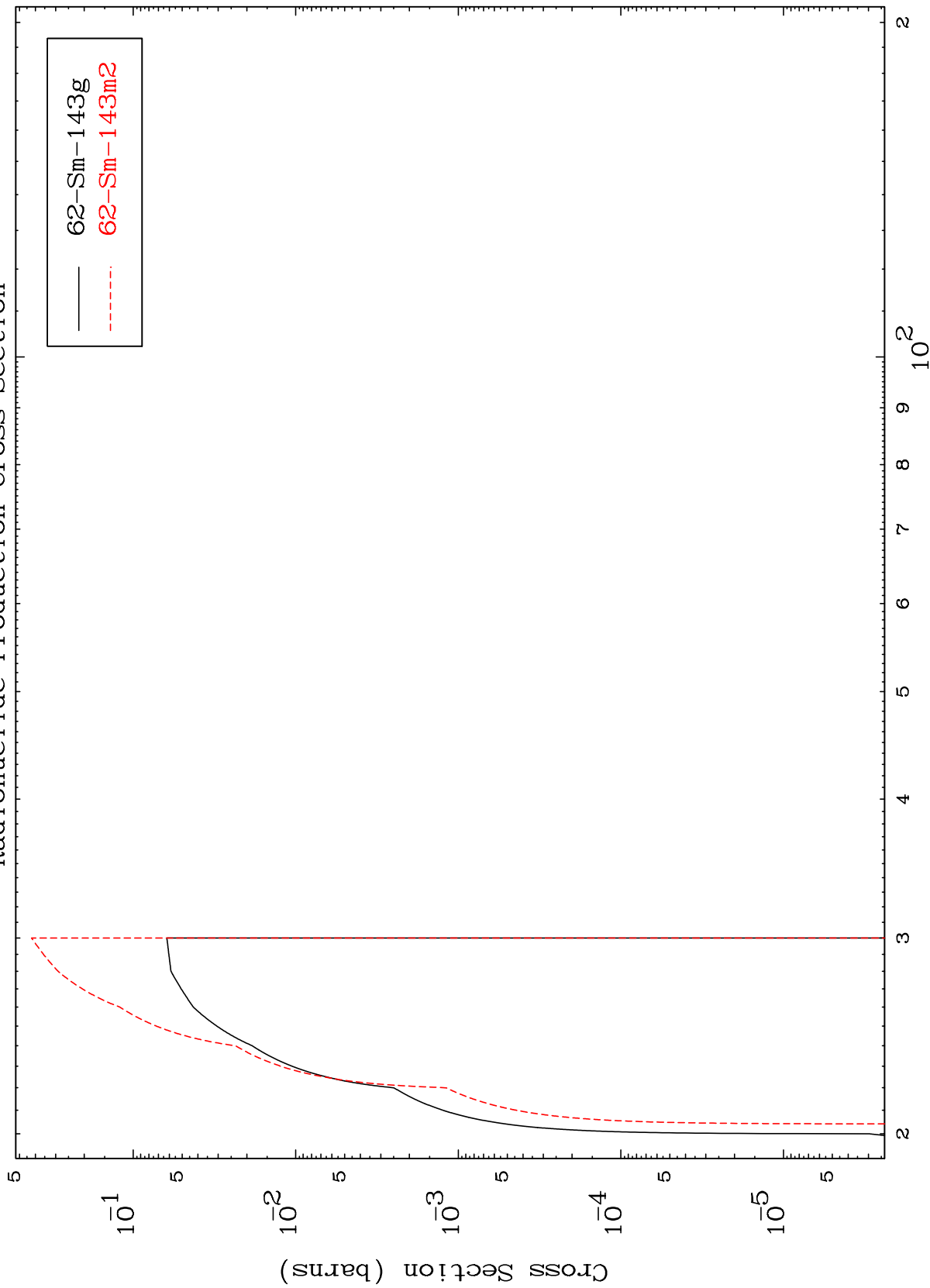
Incident Energy (MeV)

61-Pm-144

MAT 6140

61-Pm-144

(t,4n)
Radionuclide Production Cross Section



61-Pm-144

Incident Energy (MeV)

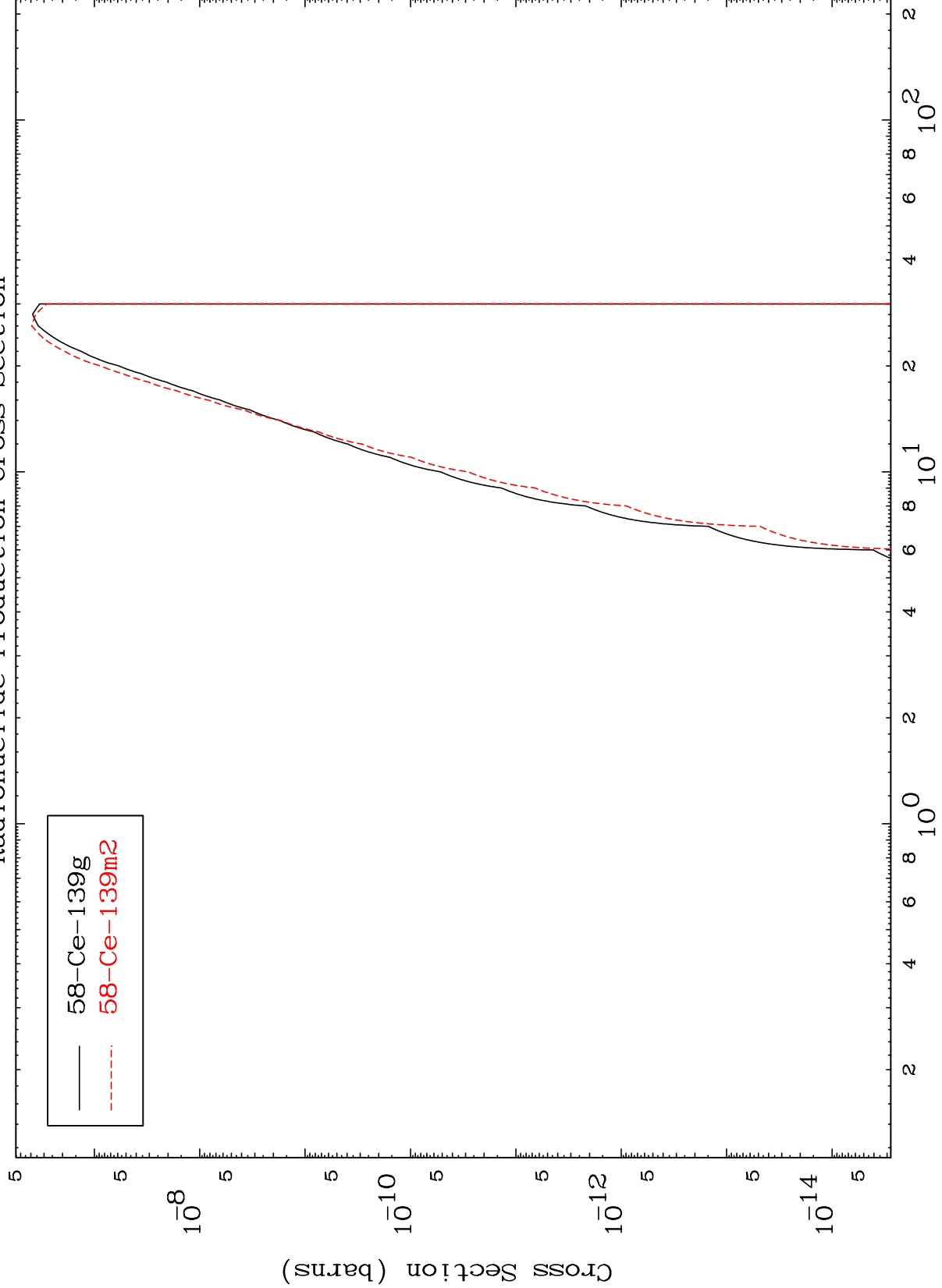
14

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(t,2 α)

61-Pm-144

Radionuclide Production Cross Section



— 58-Ce-139g
- - - 58-Ce-139m2

Incident Energy (MeV)

61-Pm-144

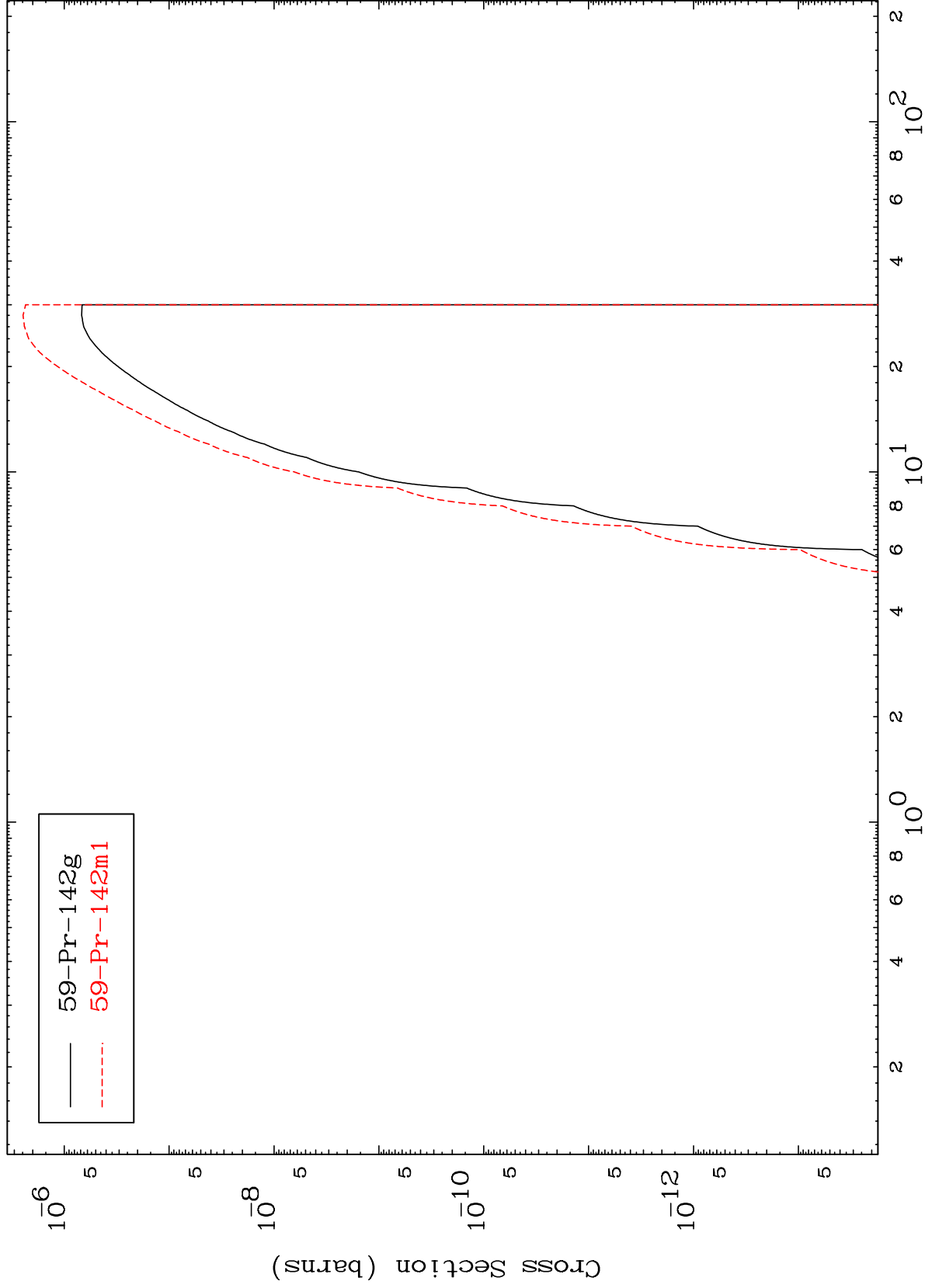
15

MAT 6140

(t,p) α

61-Pm-144

Radionuclide Production Cross Section



59-Pr-142g
59-Pr-142m1