

Program EVALPLOT  
(Version 2018-1)

by

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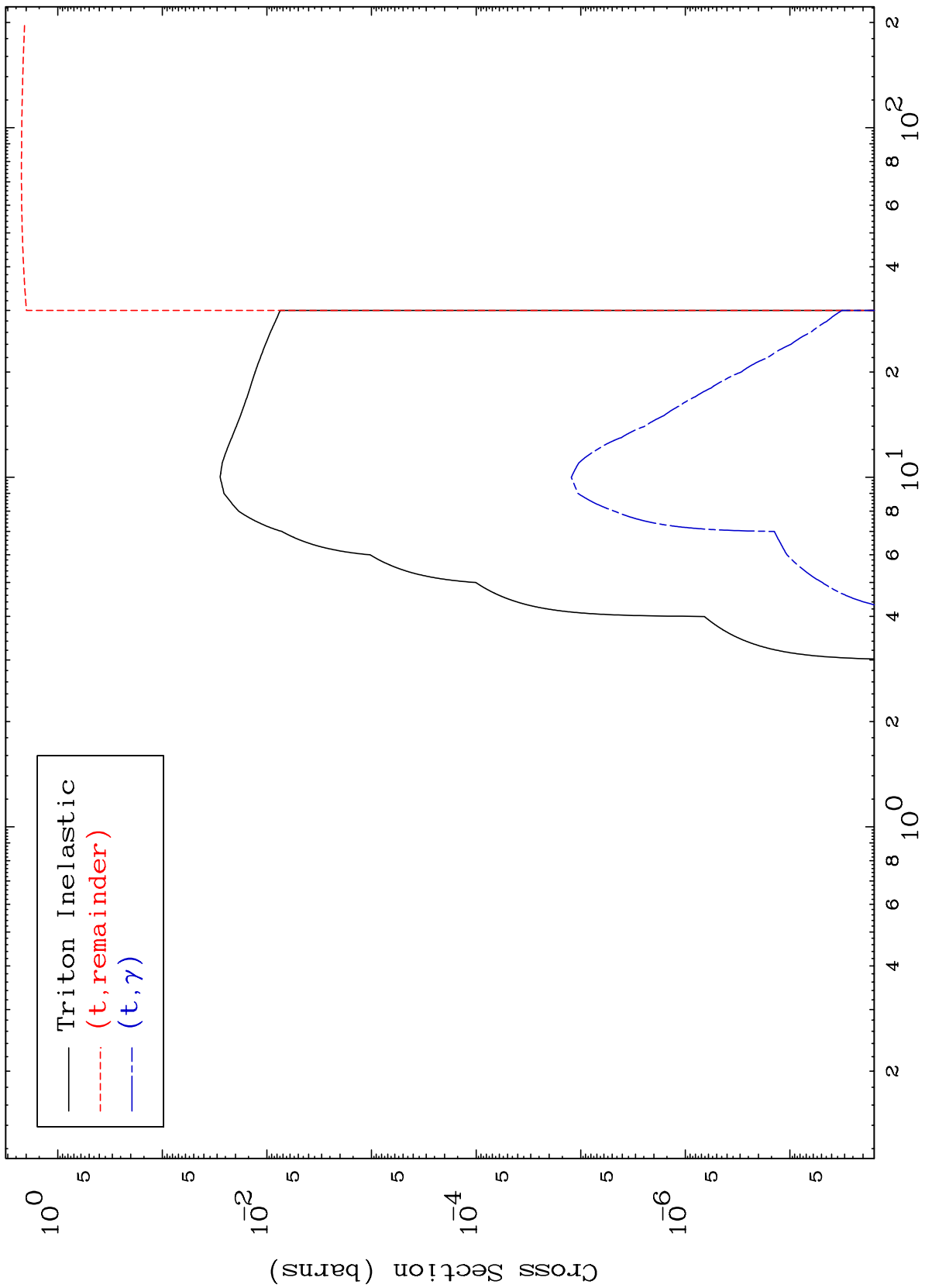
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6025

Triton Major  
0 Kelvin Cross Sections

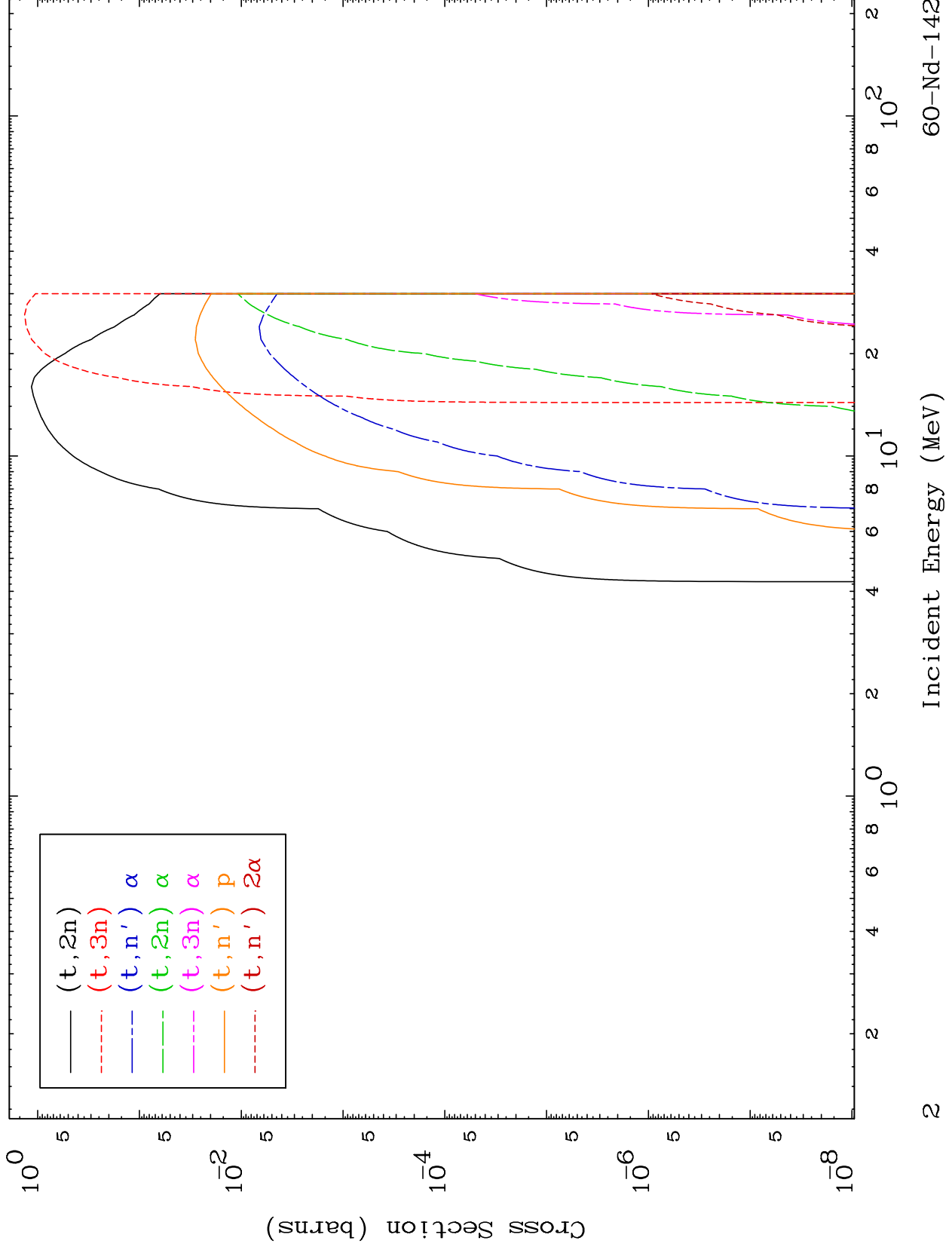
60-Nd-142

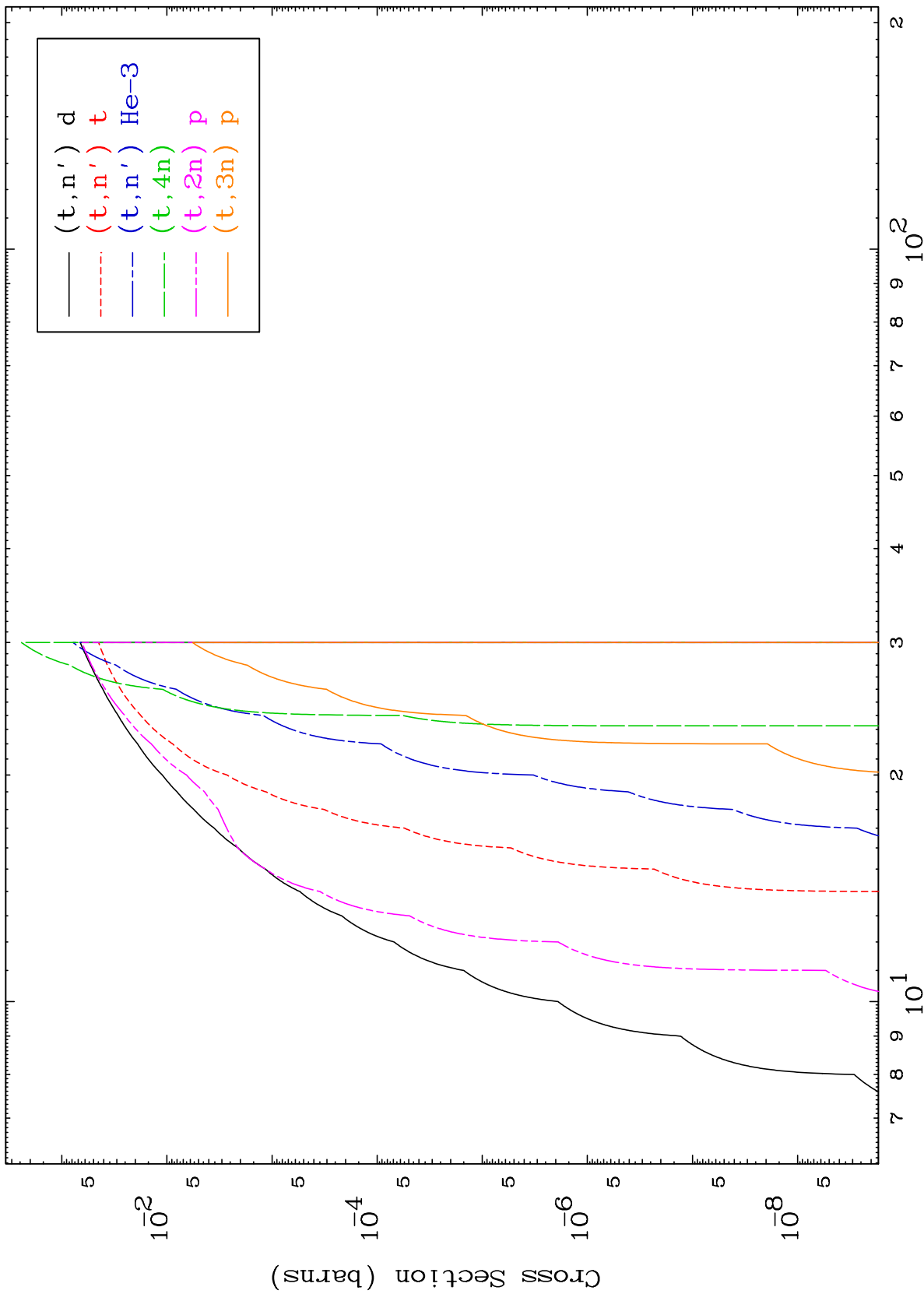


MAT 6025

Triton Neutron Production  
0 Kelvin Cross Sections

60-Nd-142

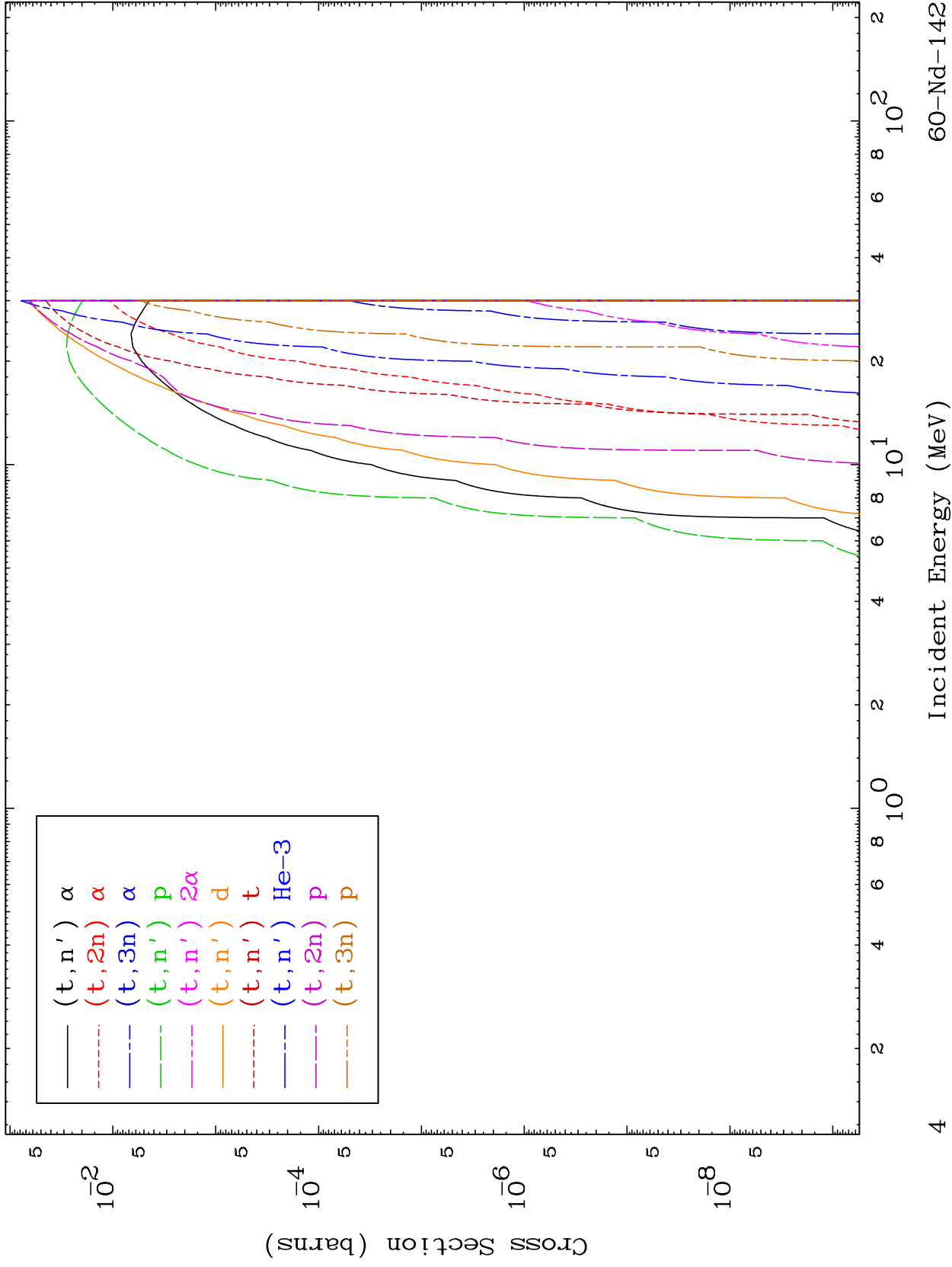


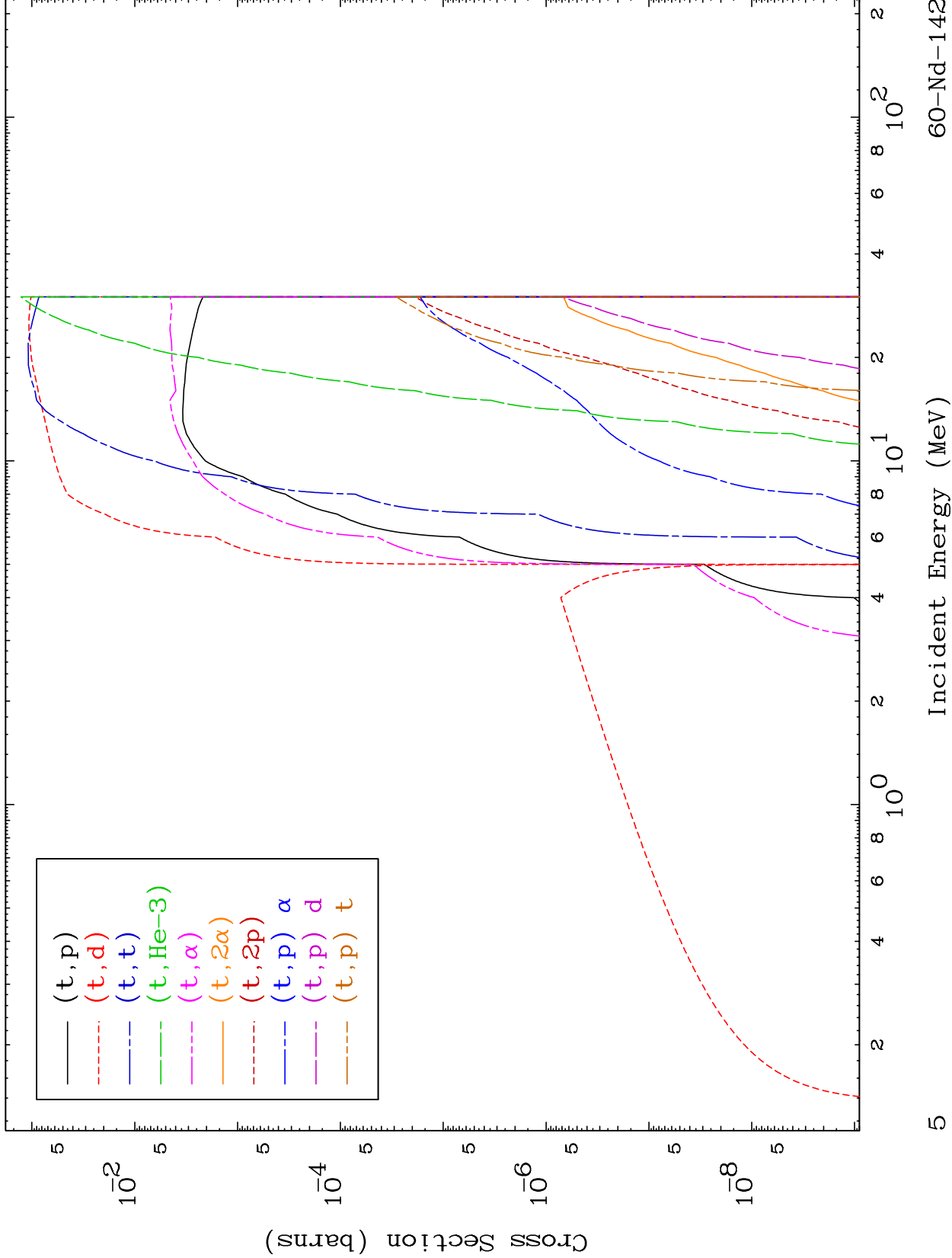


MAT 6025

Triton Charged Particle  
0 Kelvin Cross Sections

60-Nd-142





MAT 6025

(t, n') Level

60-Nd-142

0 Kelvin Cross Sections

— Triton Inelastic

$10^{-2}$

5

5

$10^{-4}$

5

$10^{-6}$

5

$10^{-8}$

5

5

2

4

6

8

10<sup>0</sup>

2

4

6

8

10<sup>2</sup>

2

6

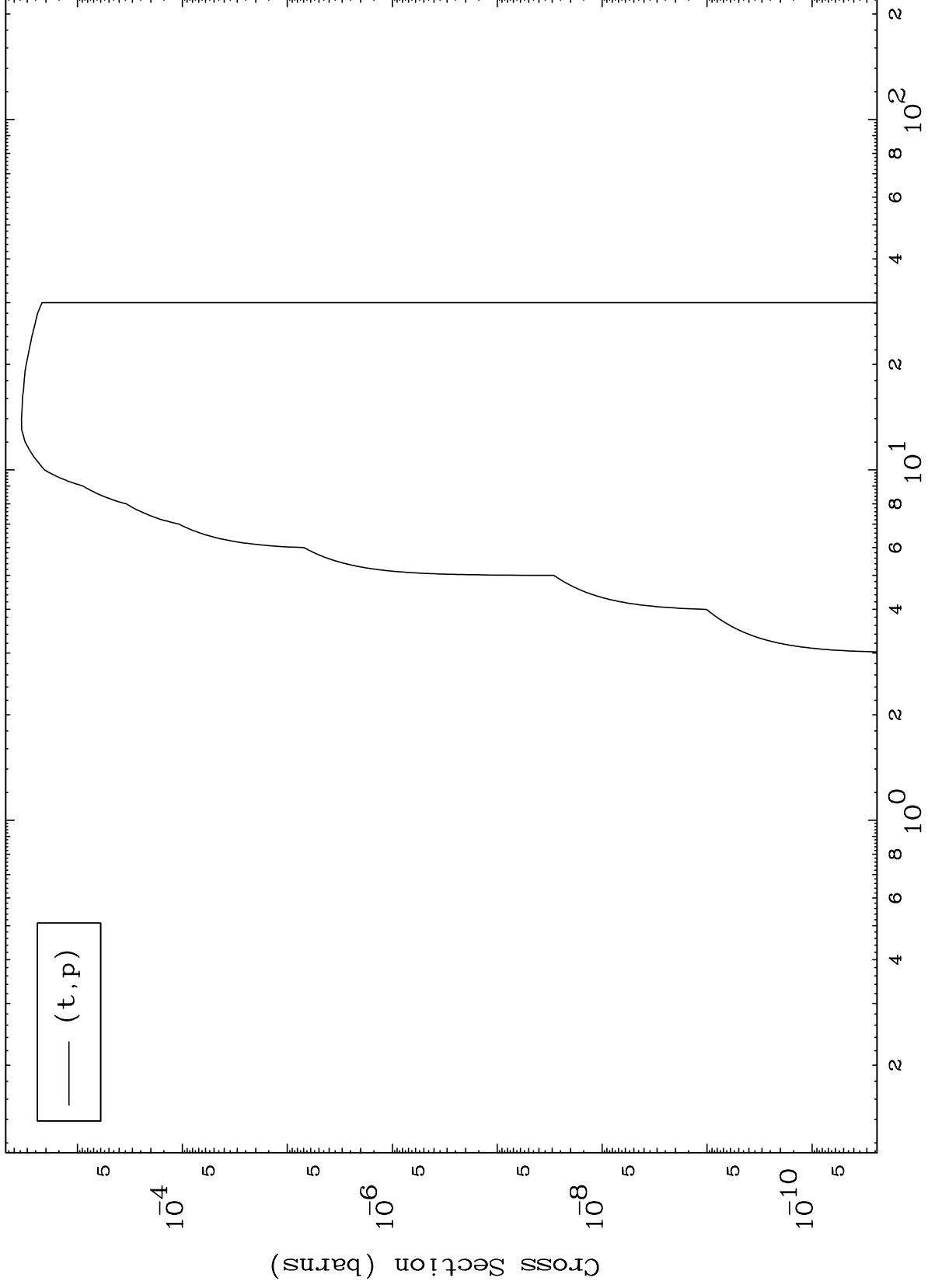
Incident Energy (MeV)

60-Nd-142

MAT 6025

(t,p) Levels  
0 Kelvin Cross Sections

60-Nd-142

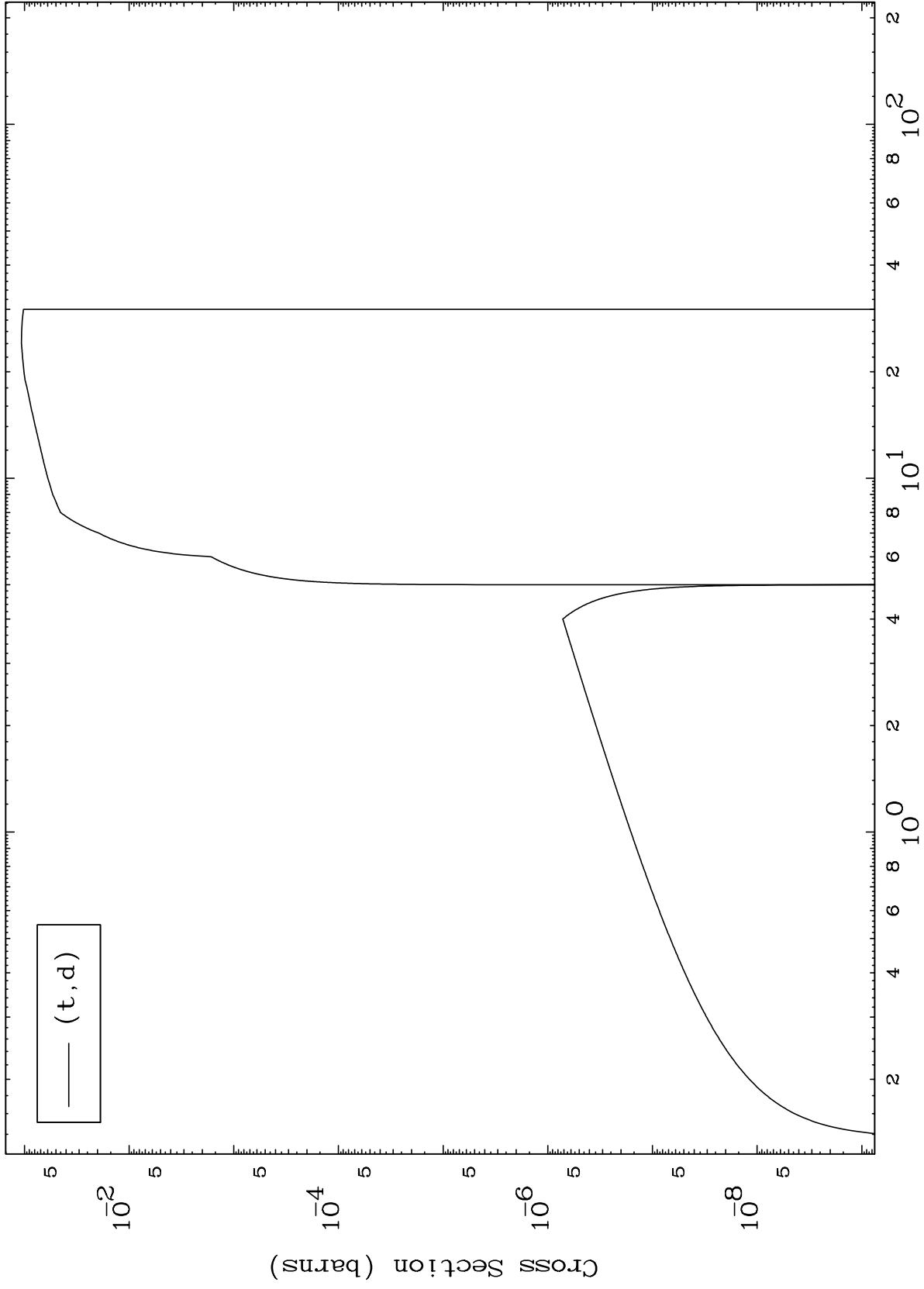




MAT 6025

(t,d) Levels  
0 Kelvin Cross Sections

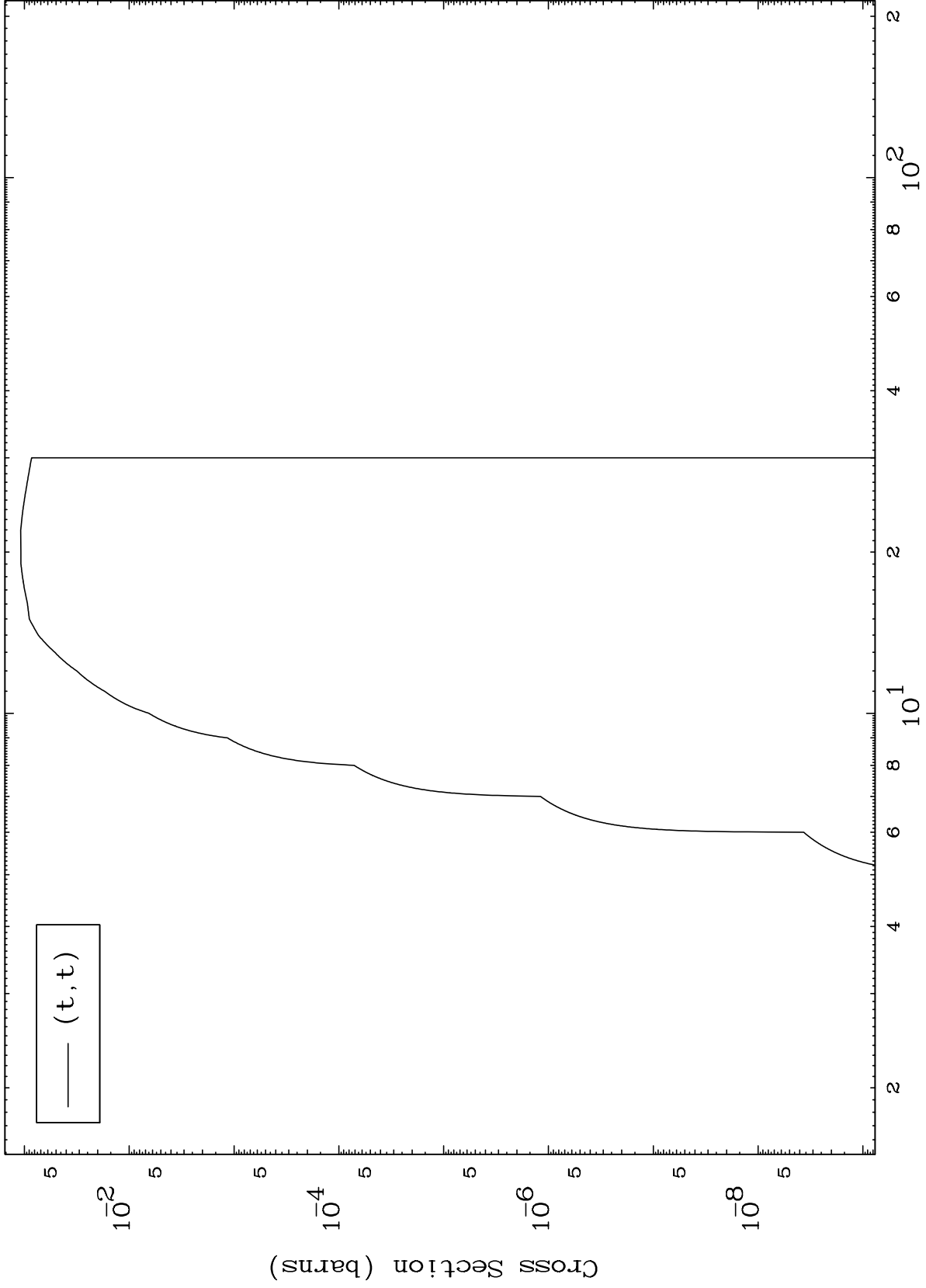
60-Nd-142



MAT 6025

(t, t) Levels  
0 Kelvin Cross Sections

60-Nd-142



9

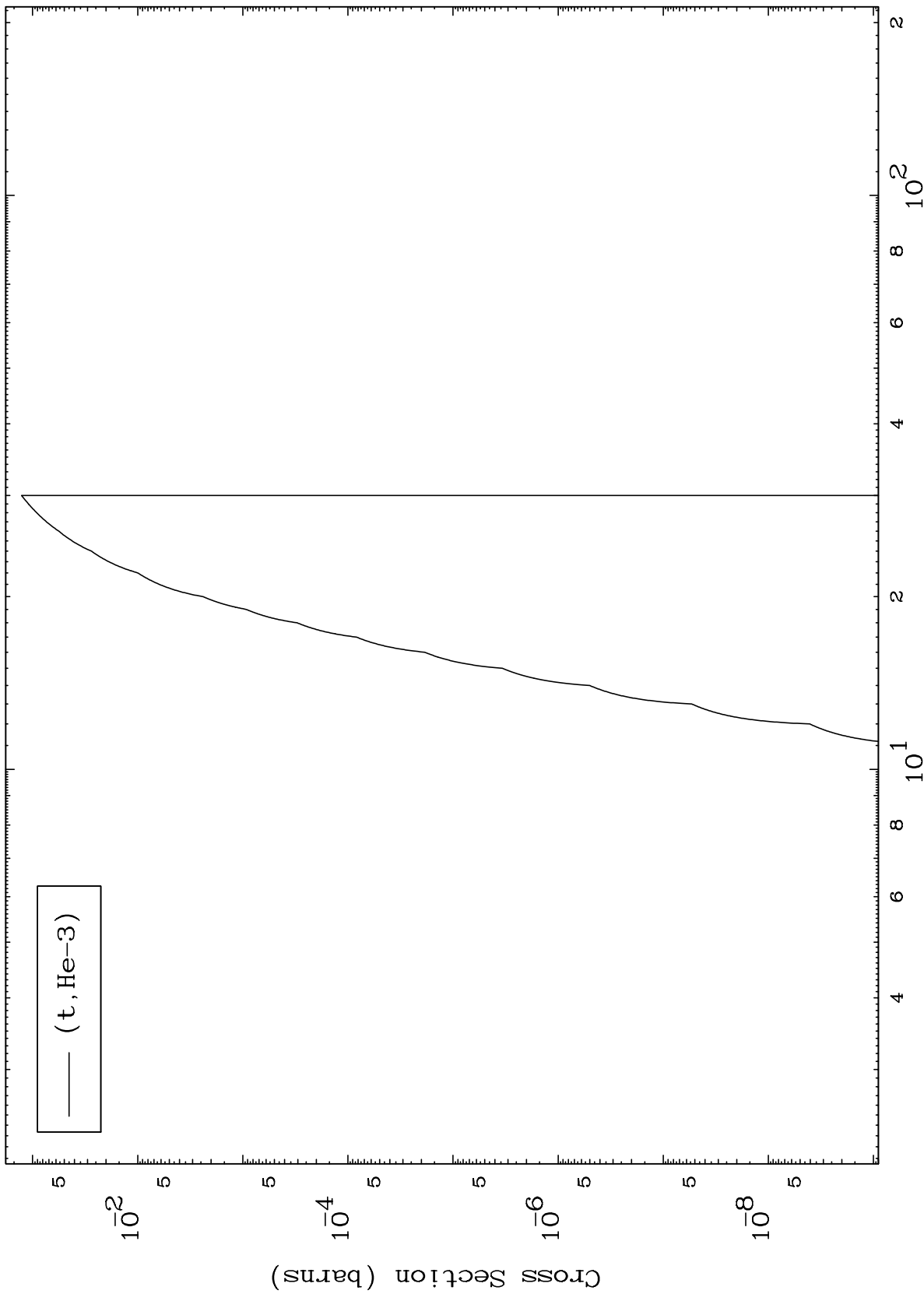
Incident Energy (MeV)

60-Nd-142

MAT 6025

60-Nd-142

(t,He3) Levels  
0 Kelvin Cross Sections



10

60-Nd-142

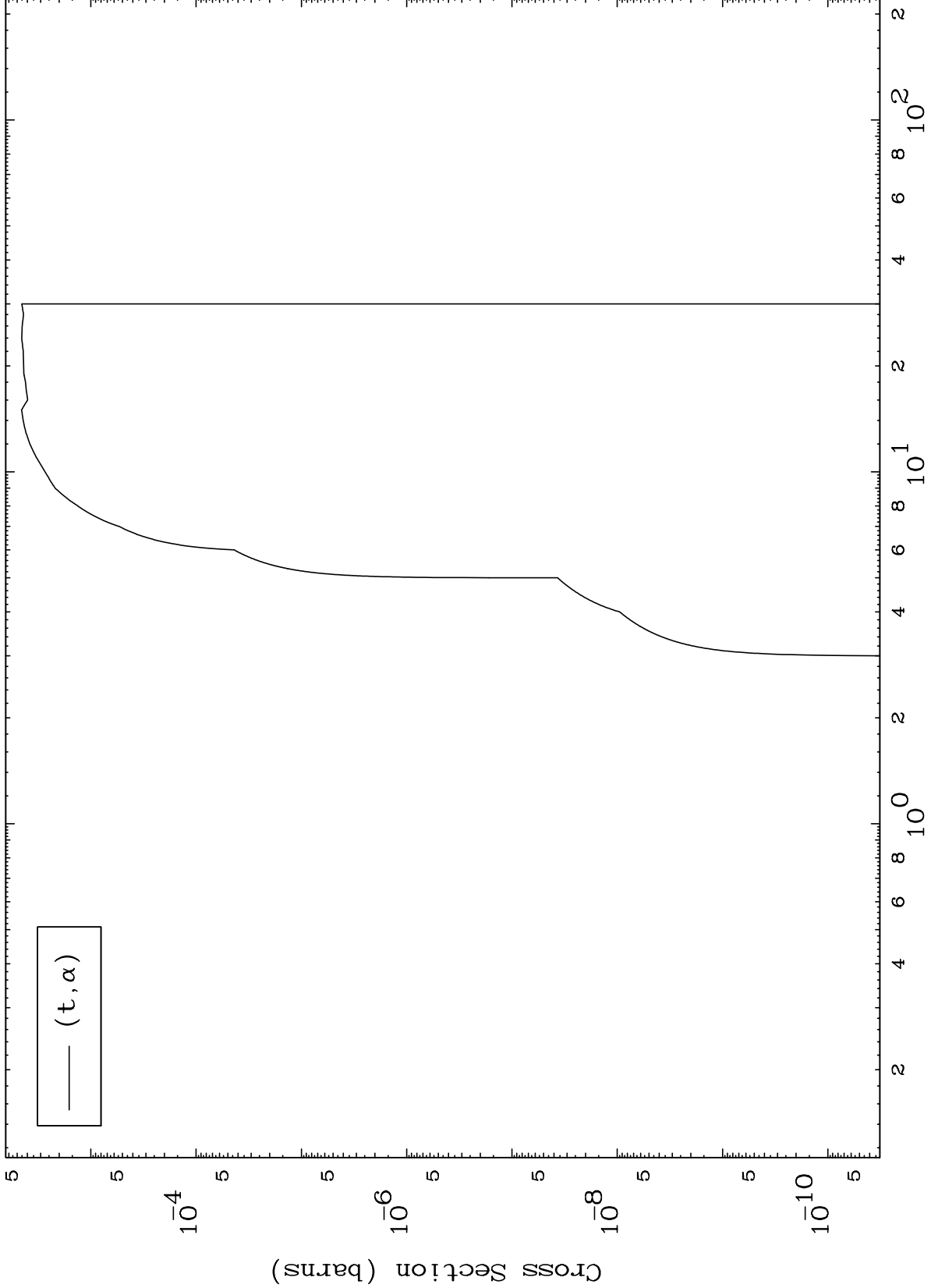
Incident Energy (MeV)

MAT 6025

(t,  $\alpha$ ) Levels

60-Nd-142

0 Kelvin Cross Sections

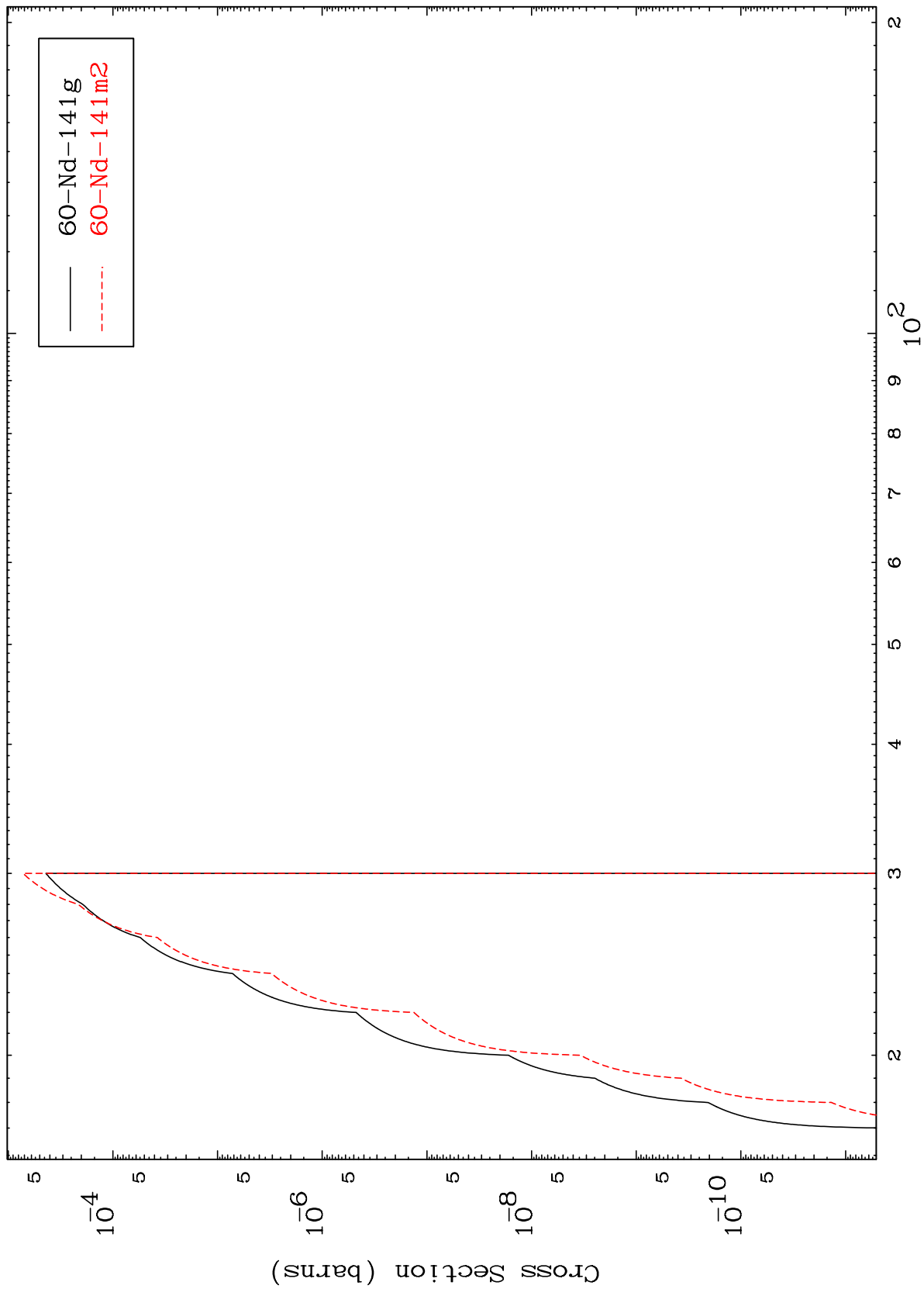


MAT 6025

(t,2n) d

60-Nd-142

Radionuclide Production Cross Section



12

Incident Energy (MeV)

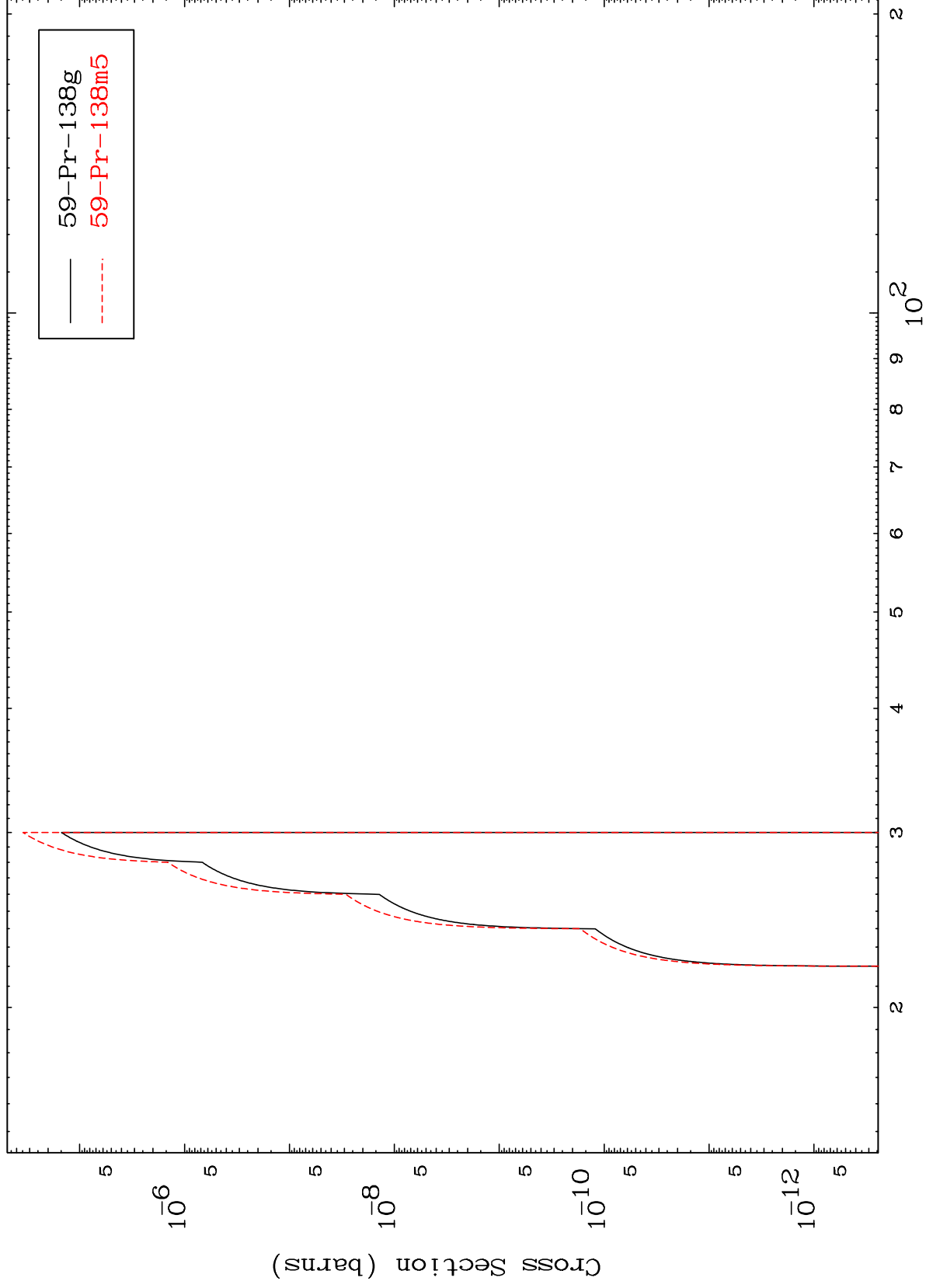
60-Nd-142

MAT 6025

$(t,3n) \alpha$

60-Nd-142

Radionuclide Production Cross Section



13

Incident Energy (MeV)

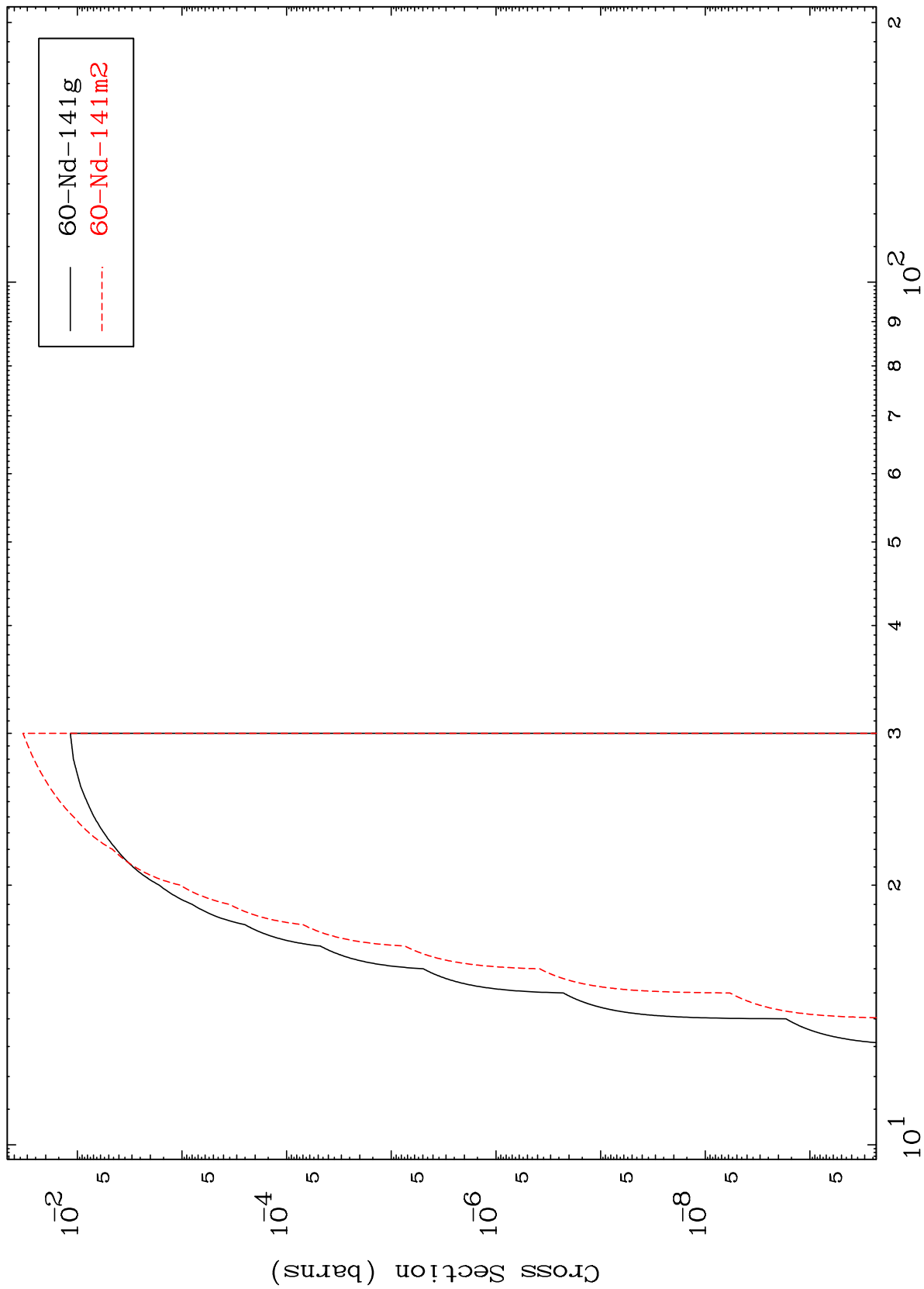
60-Nd-142

MAT 6025

(t,n') t

60-Nd-142

Radionuclide Production Cross Section



Incident Energy (MeV)

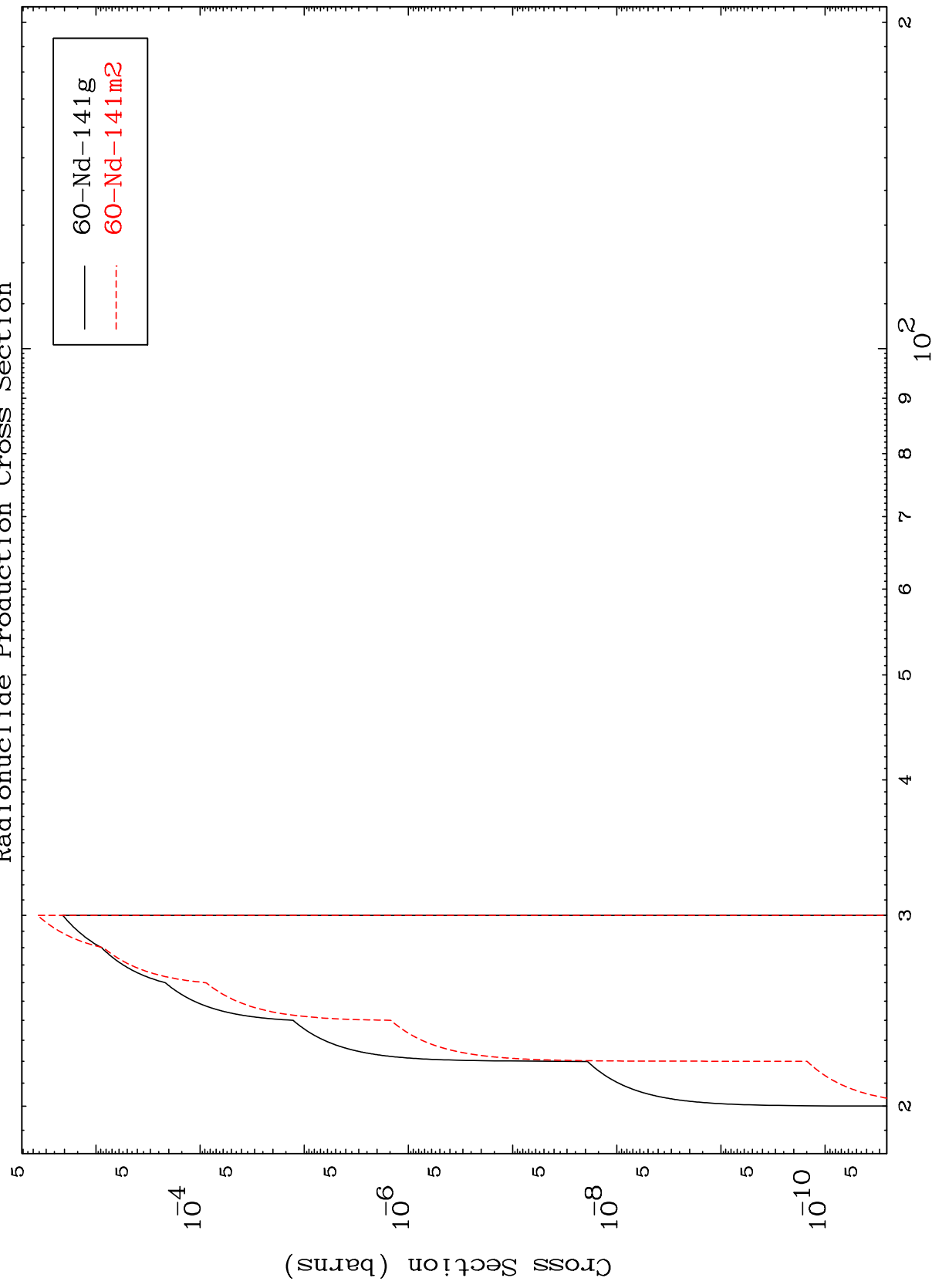
60-Nd-142

MAT 6025

(t,3n) p

60-Nd-142

Radionuclide Production Cross Section



15

Incident Energy (MeV)

60-Nd-142

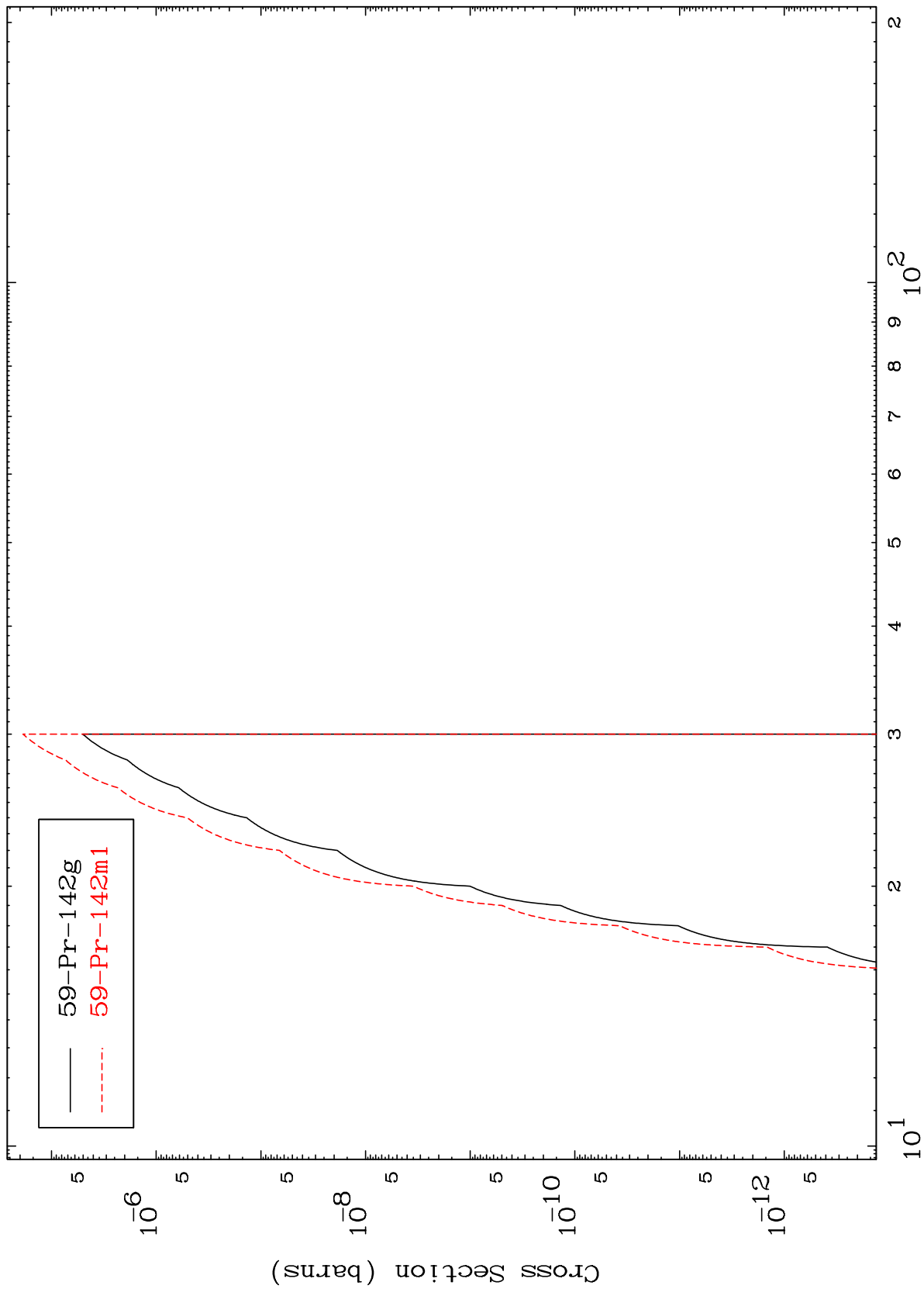


MAT 6025

(t,2n) p

<sup>60</sup>Nd-142

Radionuclide Production Cross Section



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

Incident Energy (MeV)

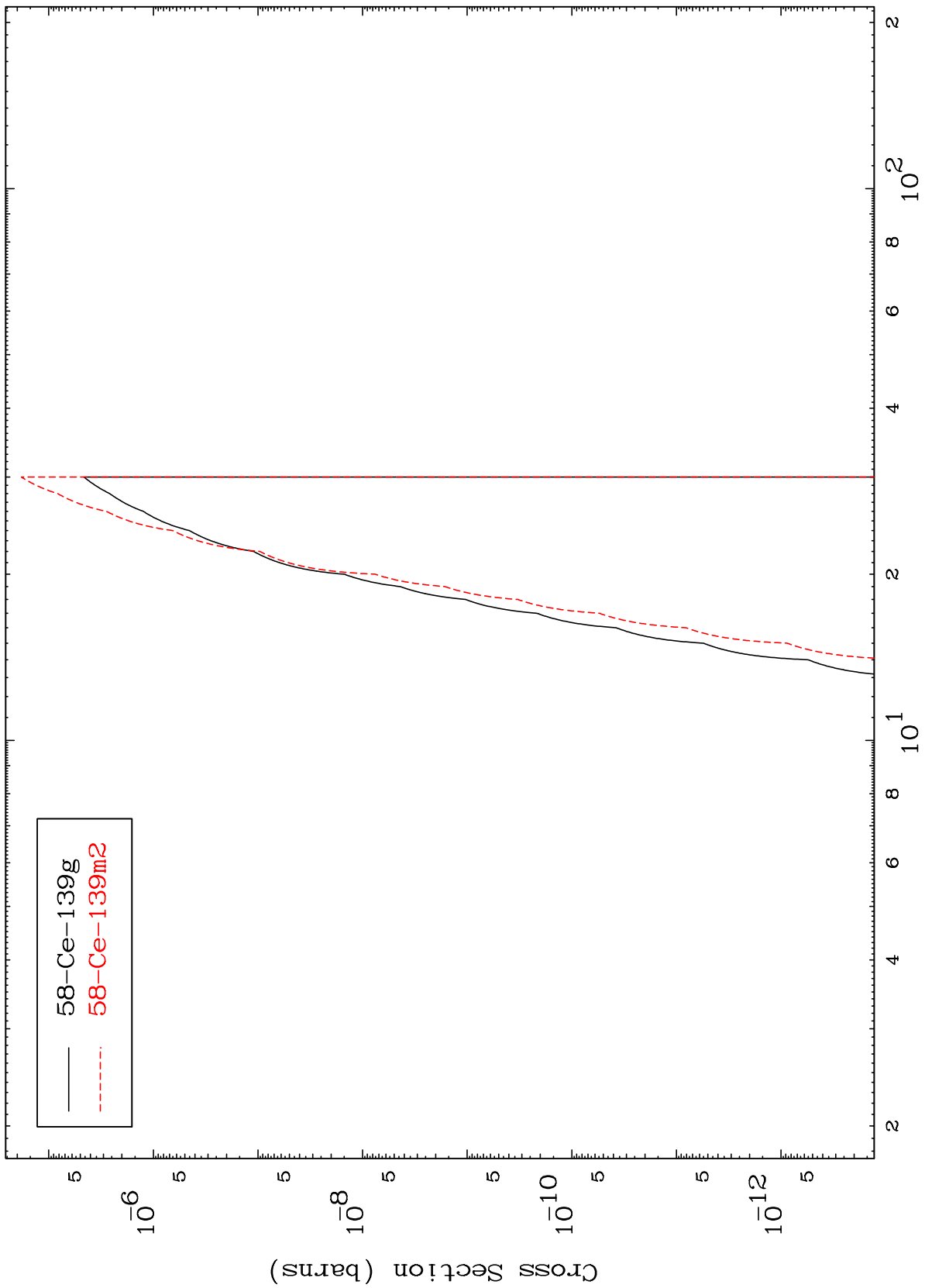
<sup>60</sup>Nd-142

MAT 6025

(t,n') p  $\alpha$

60-Nd-142

Radionuclide Production Cross Section



17

Incident Energy (MeV)

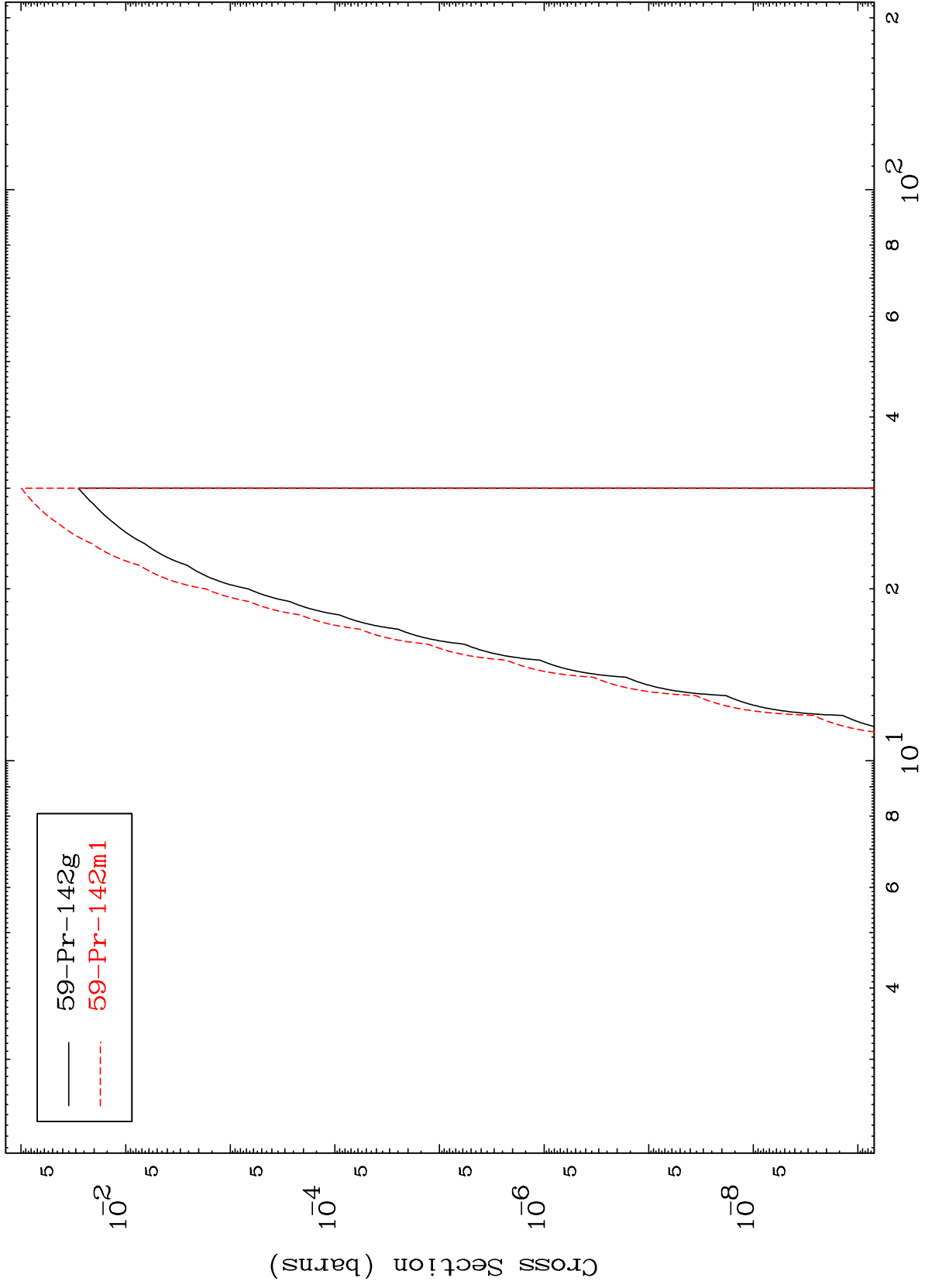
60-Nd-142

MAT 6025

(t,He-3)

60-Nd-142

Radionuclide Production Cross Section

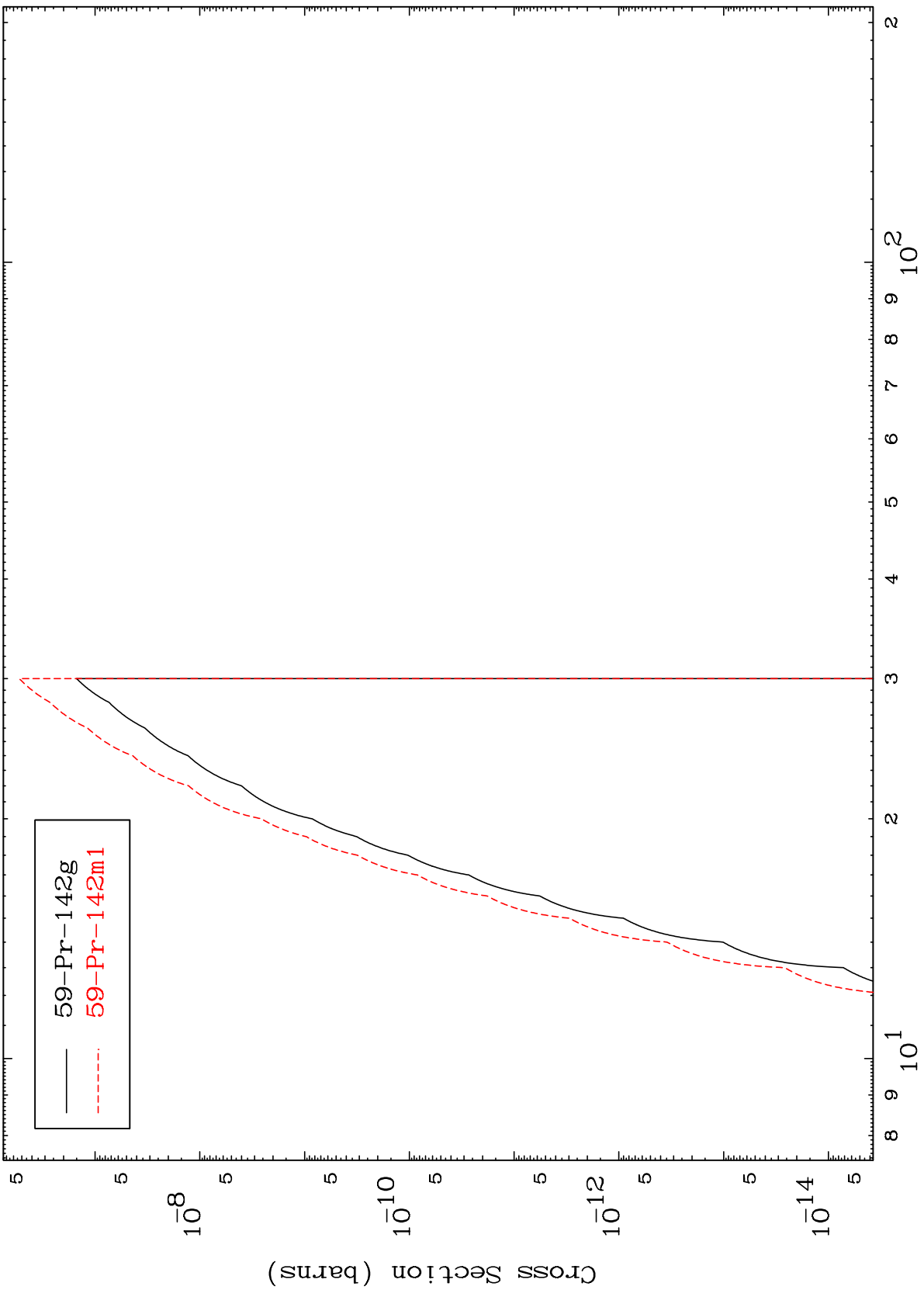


MAT 6025

(t,p) d

60-Nd-142

Radionuclide Production Cross Section



19

Incident Energy (MeV)

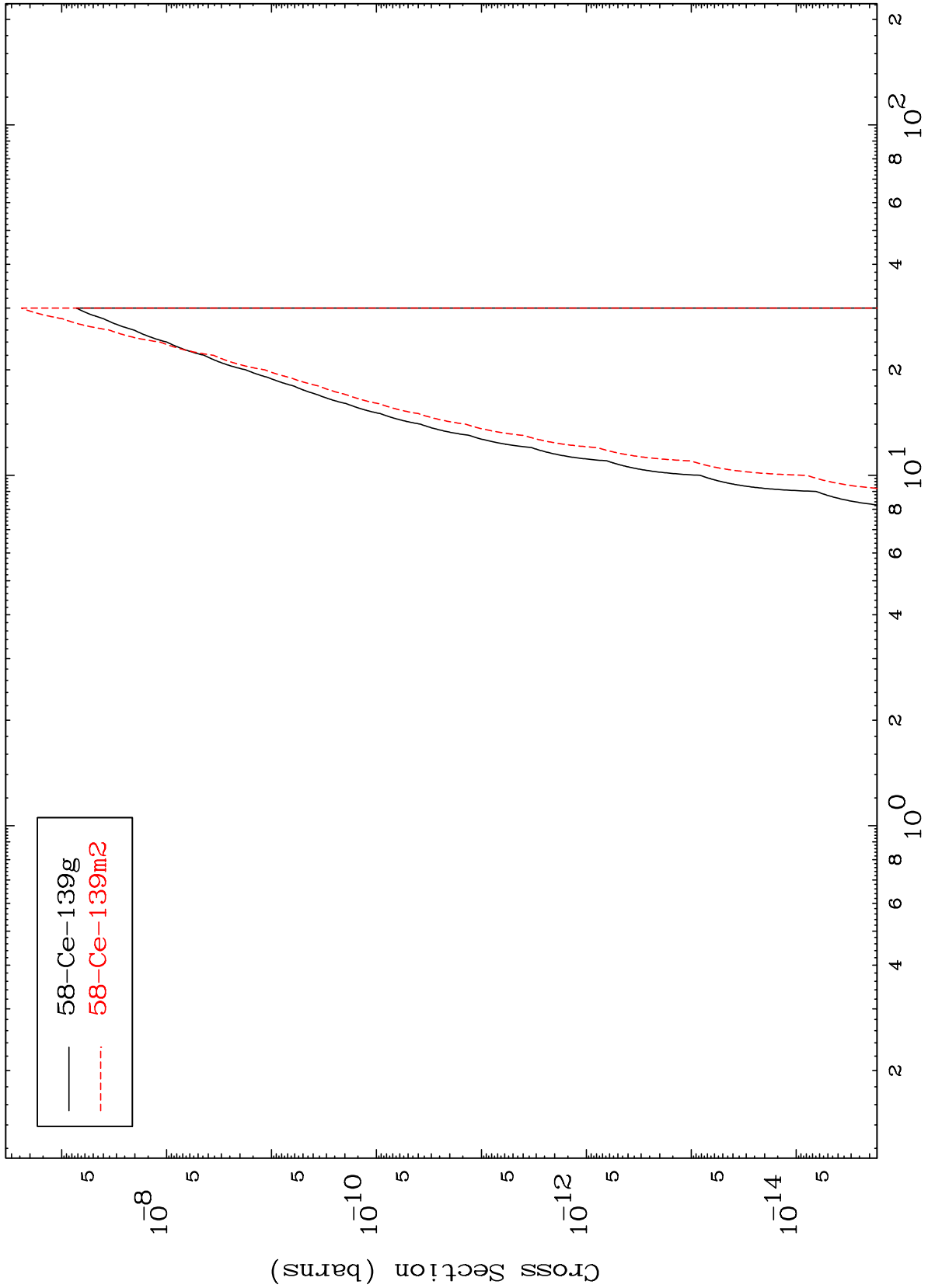
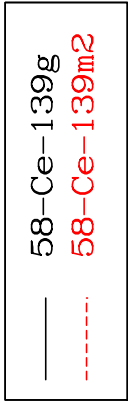
60-Nd-142

MAT 6025

(t,d)  $\alpha$

60-Nd-142

Radionuclide Production Cross Section



20

Incident Energy (MeV)

60-Nd-142