

Program EVALPLOT
(Version 2015-2)

by

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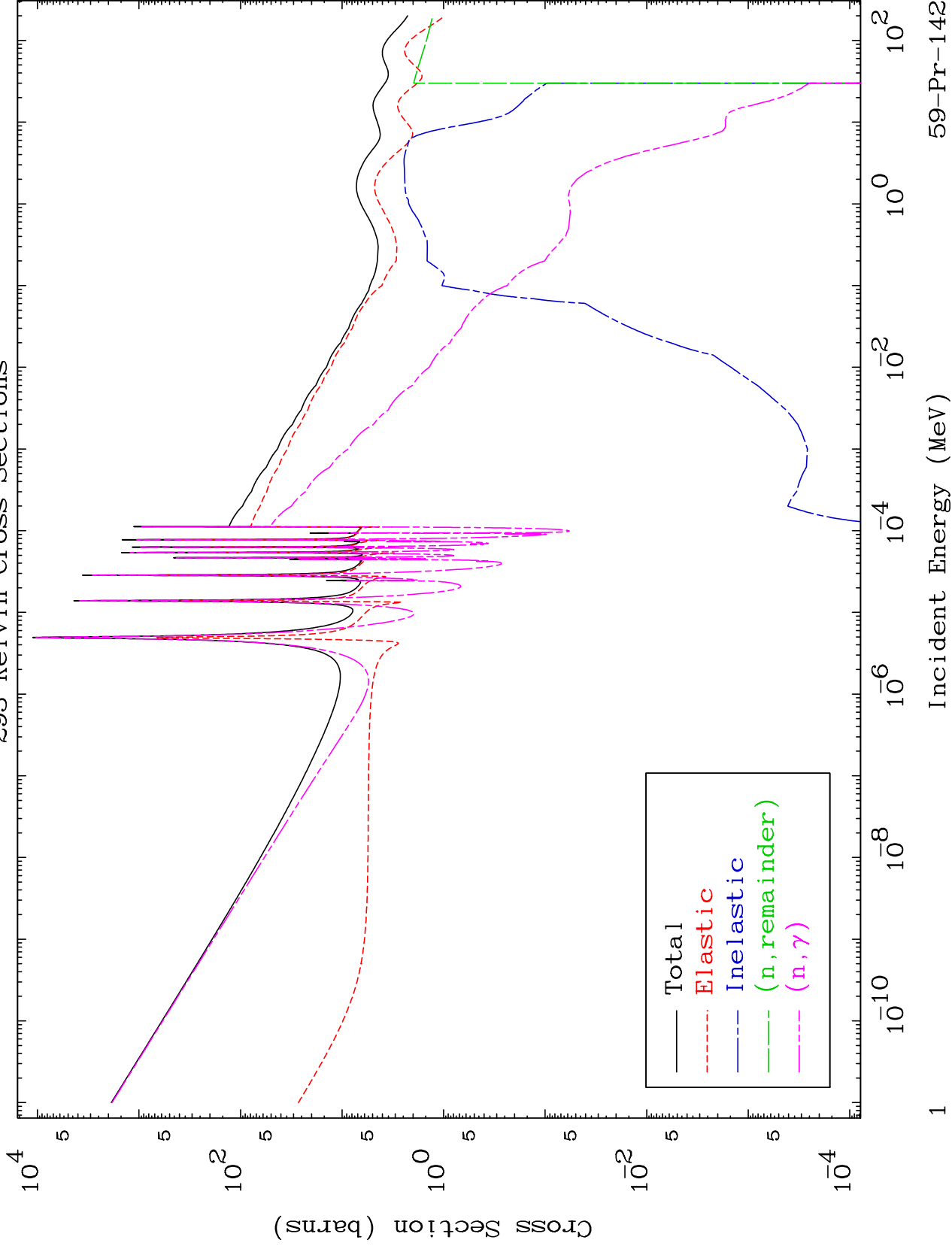
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5929

Major
293 Kelvin Cross Sections

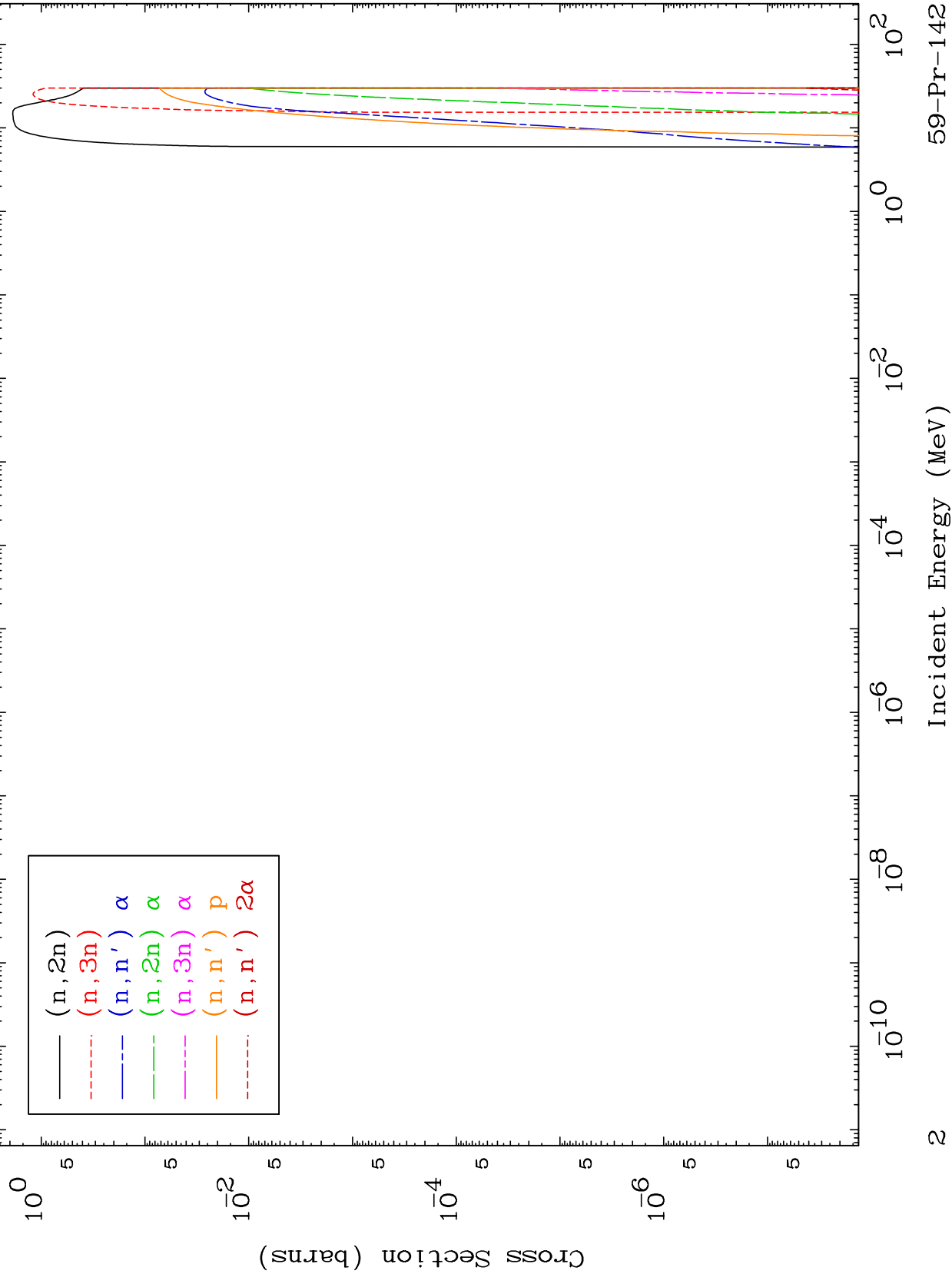
59-Pr-142

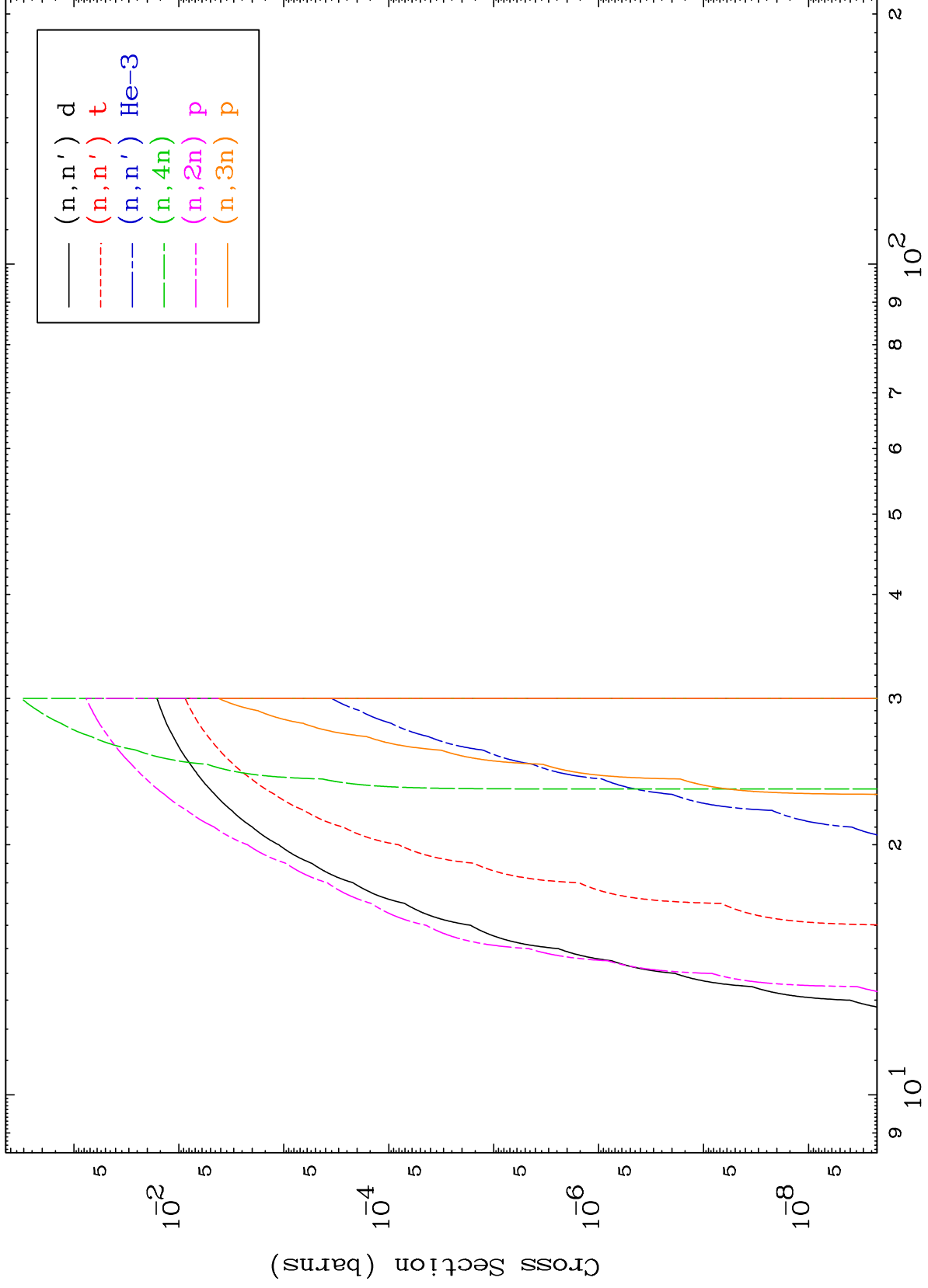


MAT 5929

Neutron Production
293 Kelvin Cross Sections

59-Pr-142

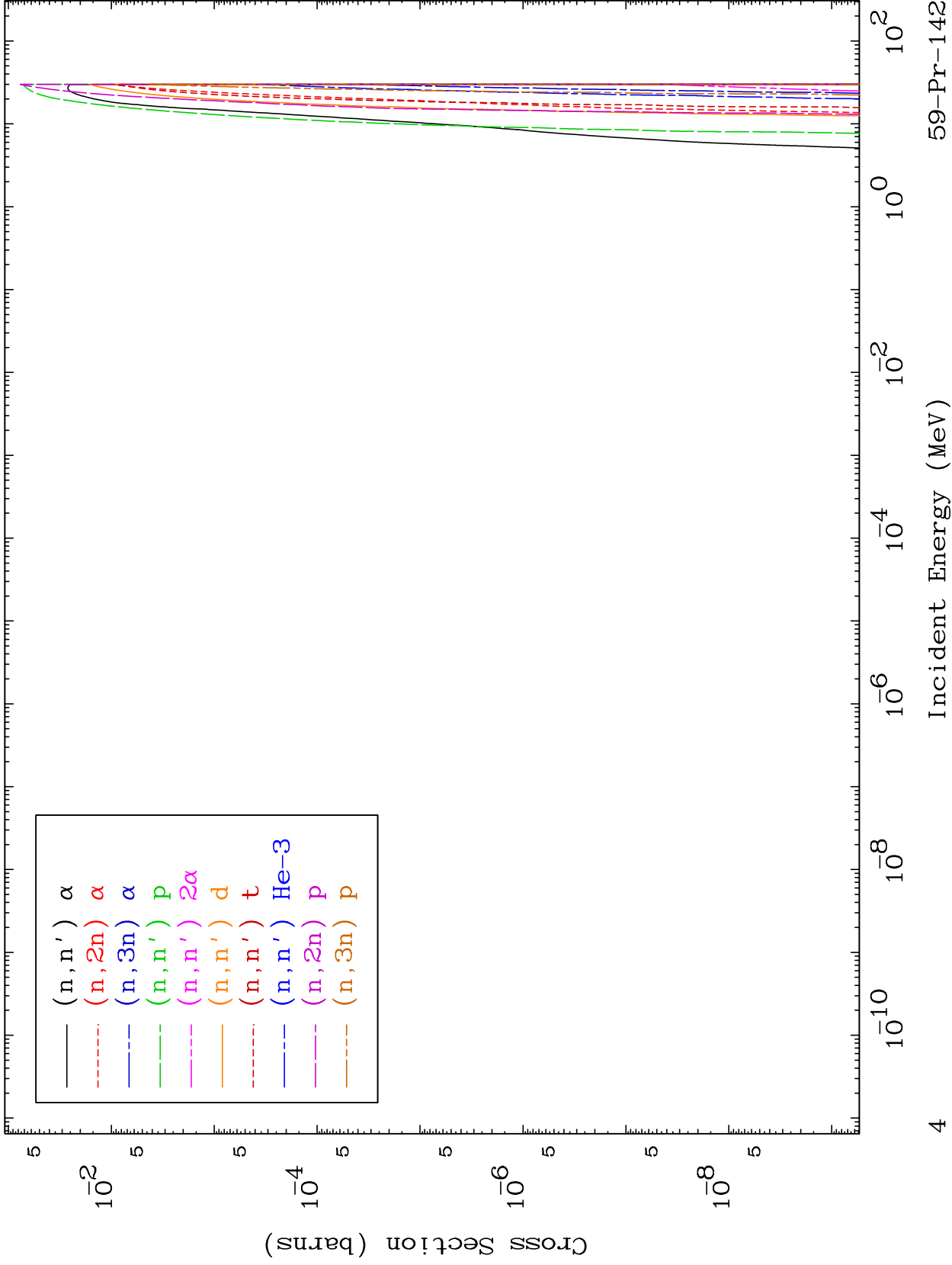




MAT 5929

Charged Particle
293 Kelvin Cross Sections

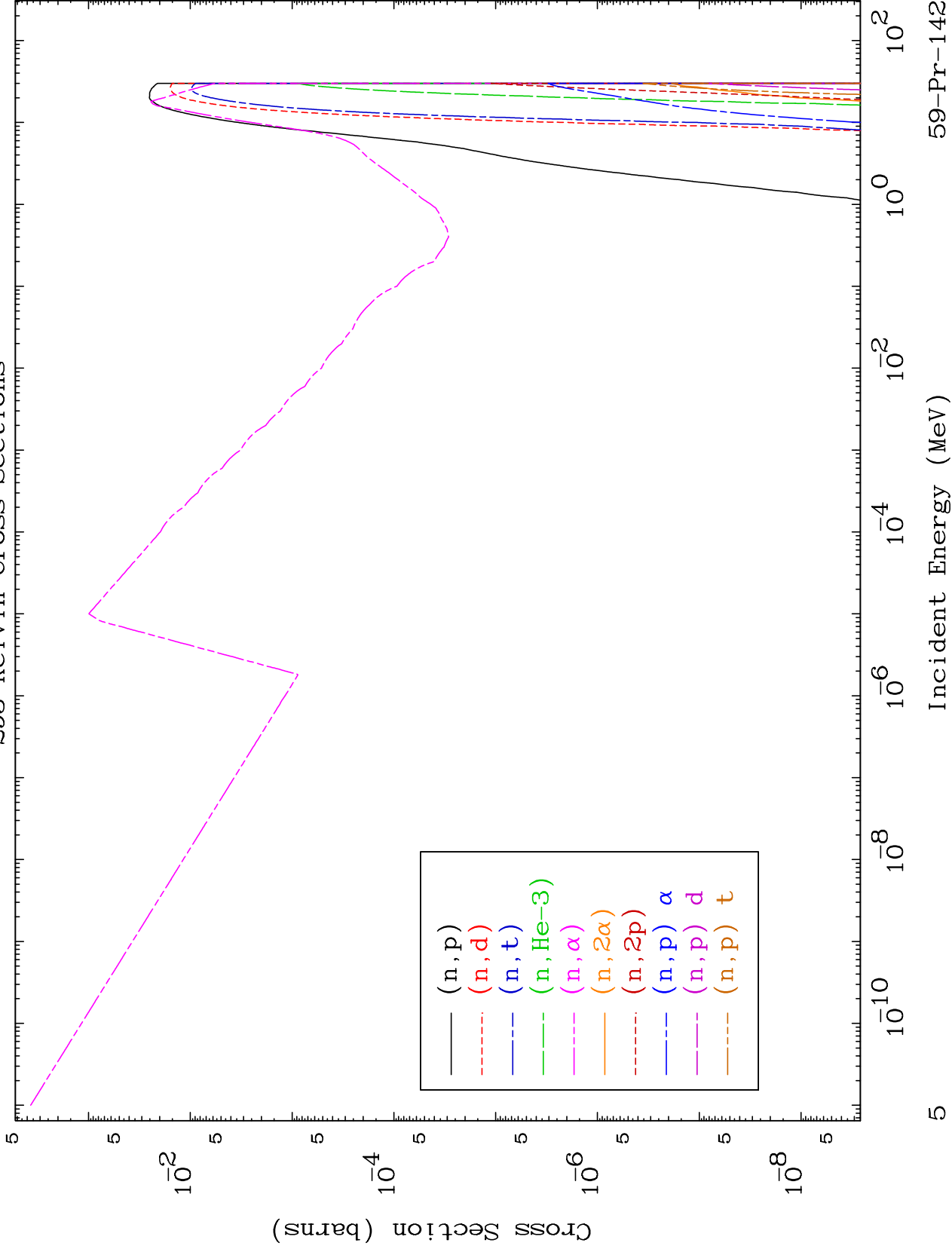
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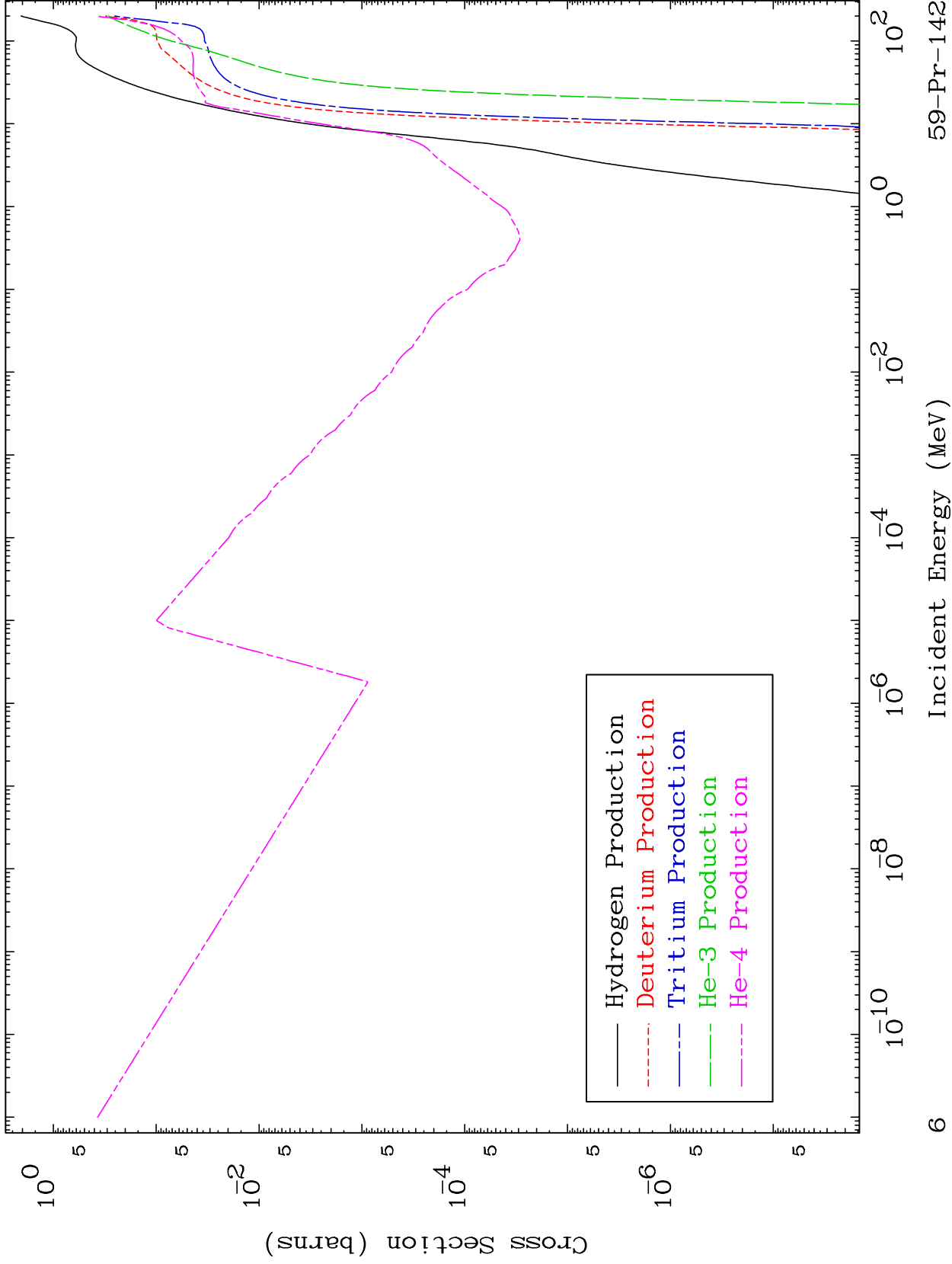


MAT 5929

Charged Particle
293 Kelvin Cross Sections

59-Pr-142

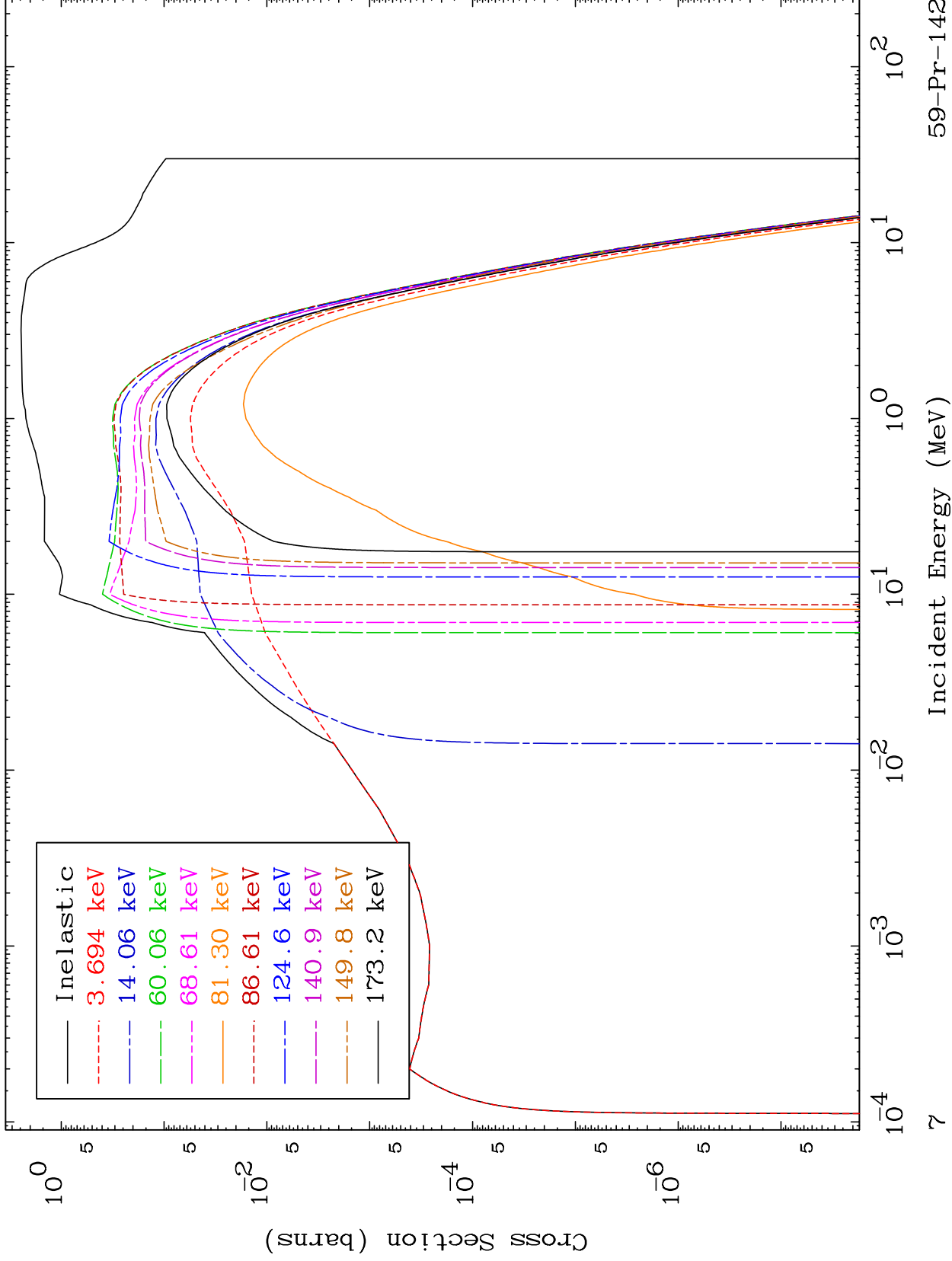




MAT 5929

(n,n') Level
293 Kelvin Cross Sections

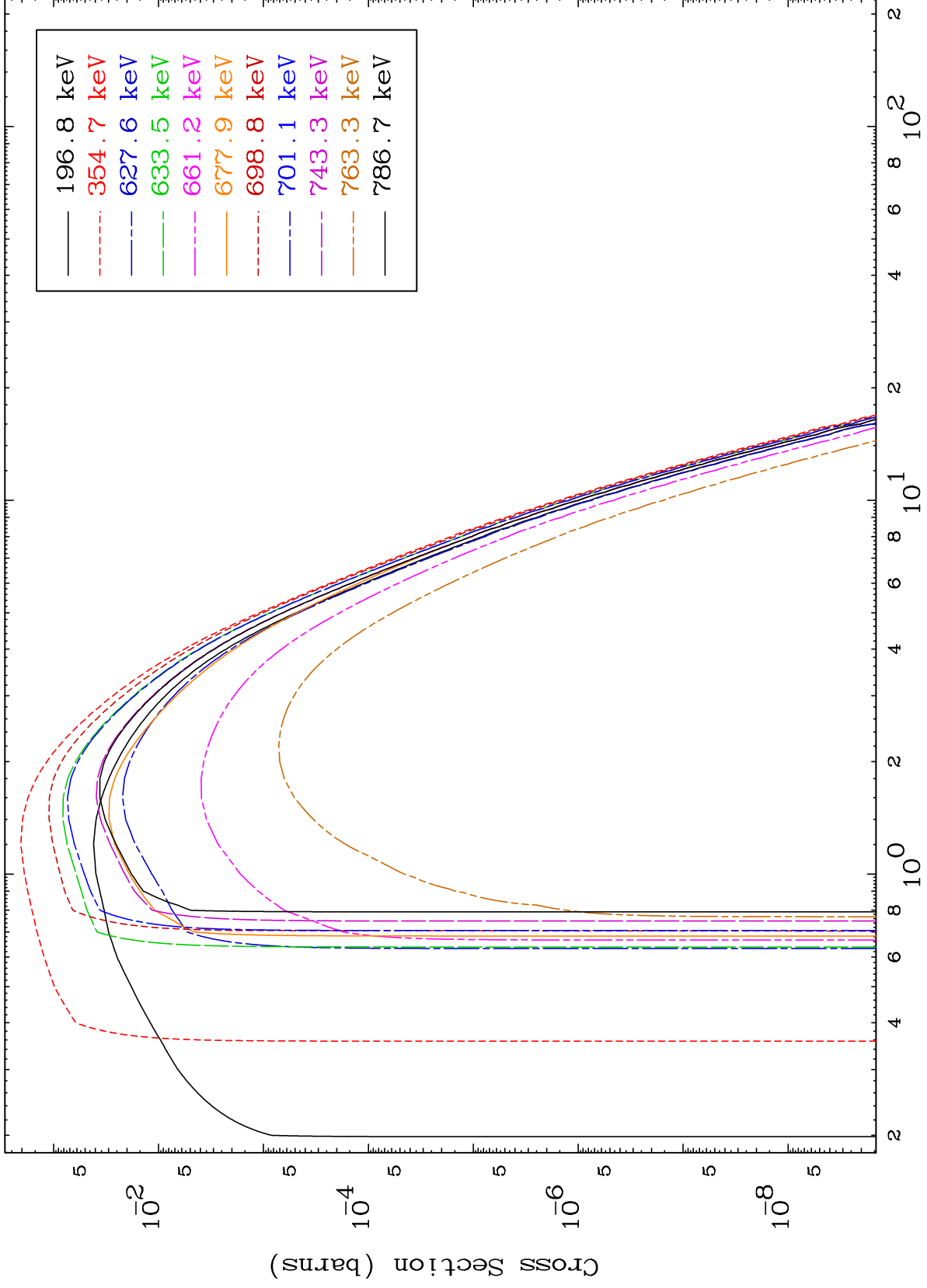
59-Pr-142



MAT 5929

(n,n') Level
293 Kelvin Cross Sections

59-Pr-142

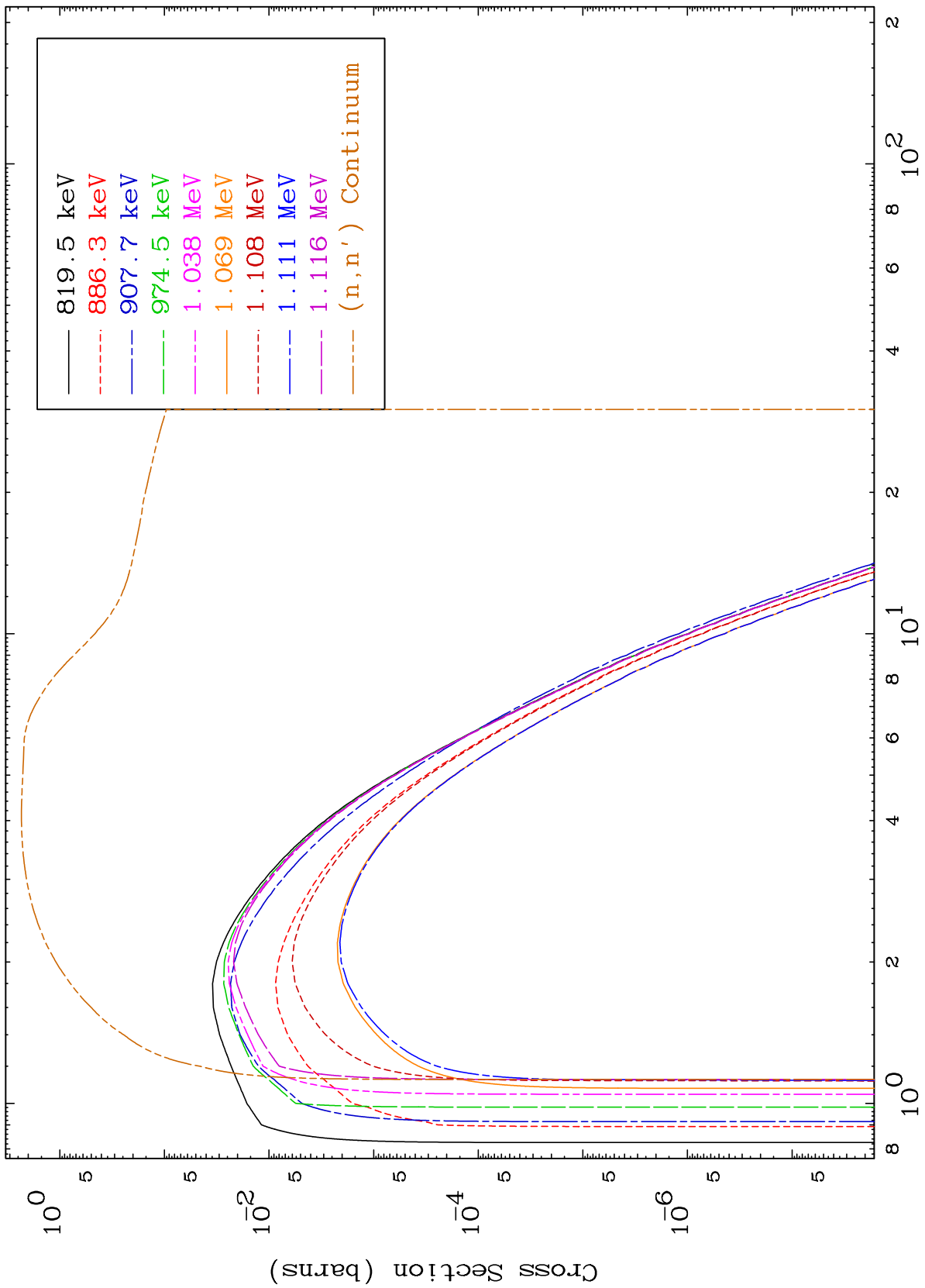


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Incident Energy (MeV)

59-Pr-142

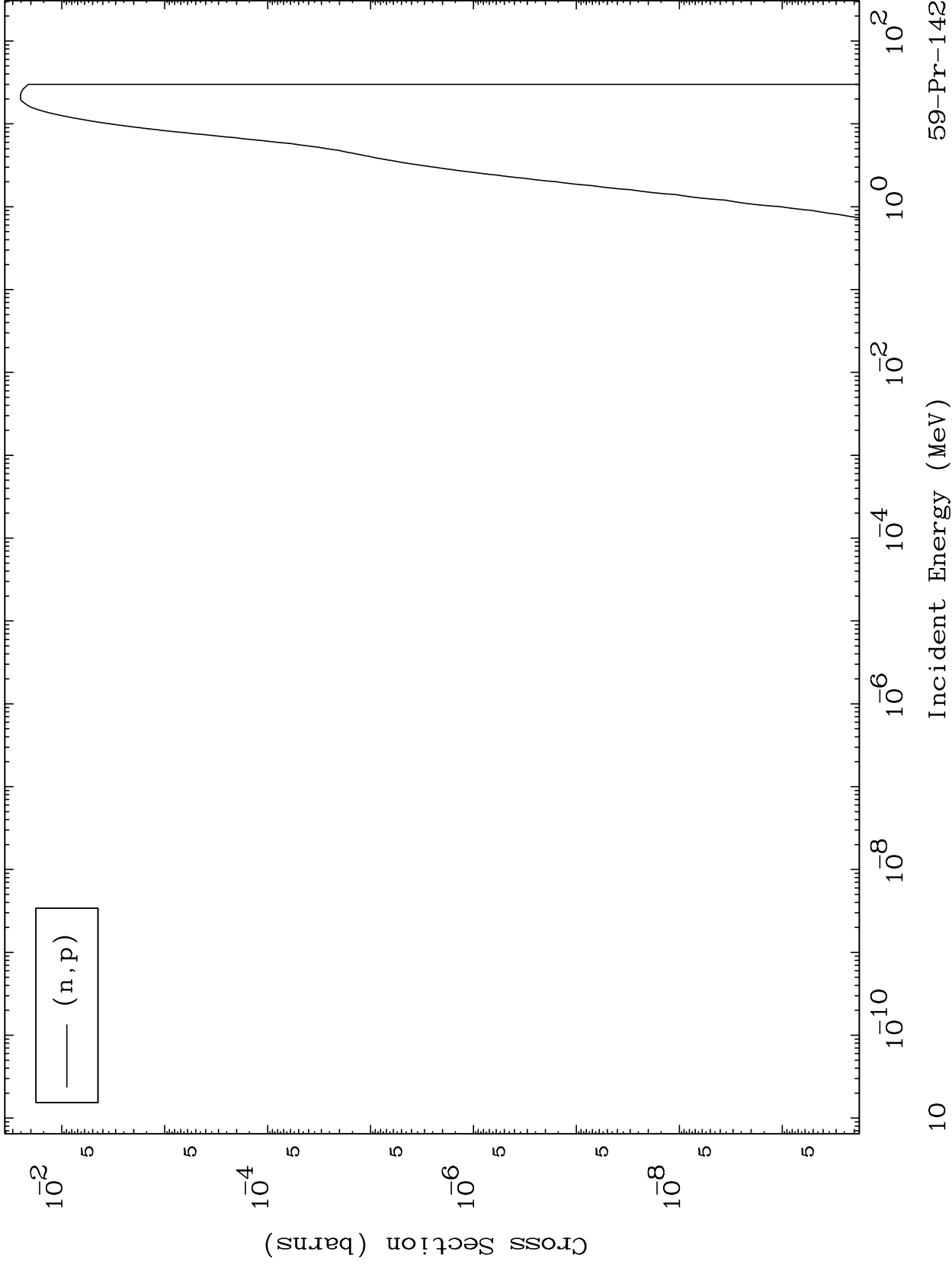
293 Kelvin Cross Sections



MAT 5929

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-142



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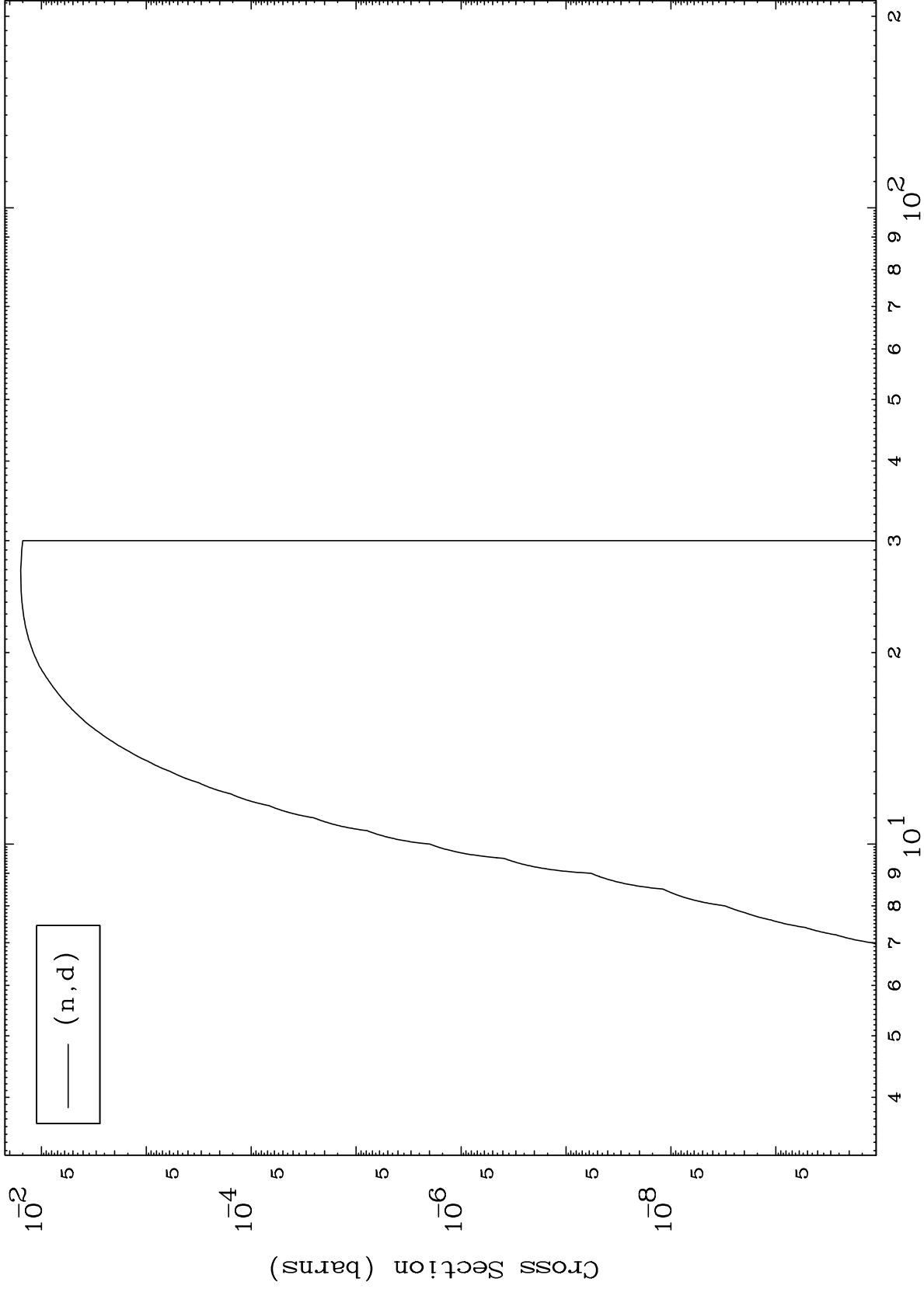
Incident Energy (MeV)

59-Pr-142

MAT 5929

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-142

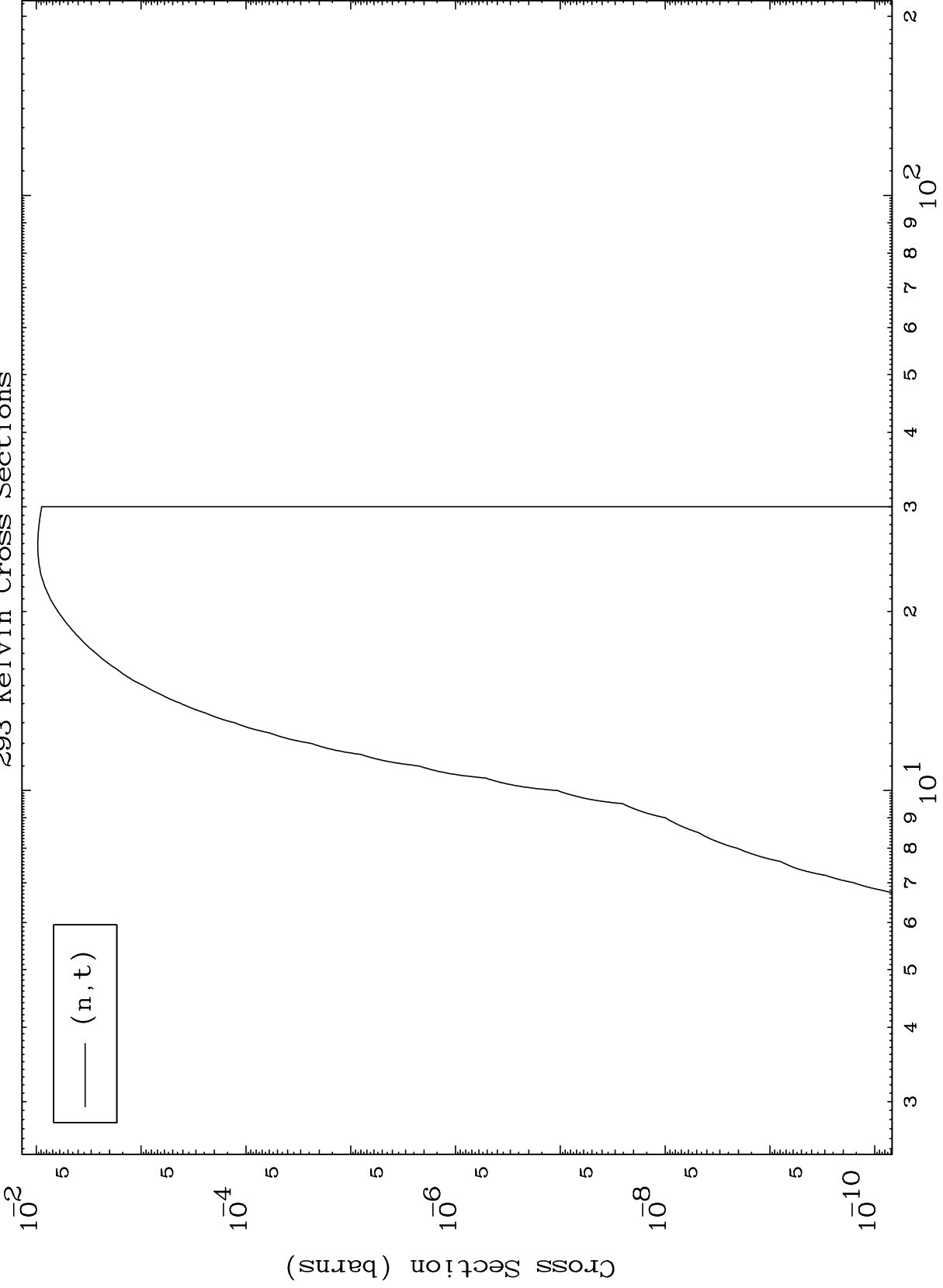


(n,d)

MAT 5929

(n,t) Levels
293 Kelvin Cross Sections

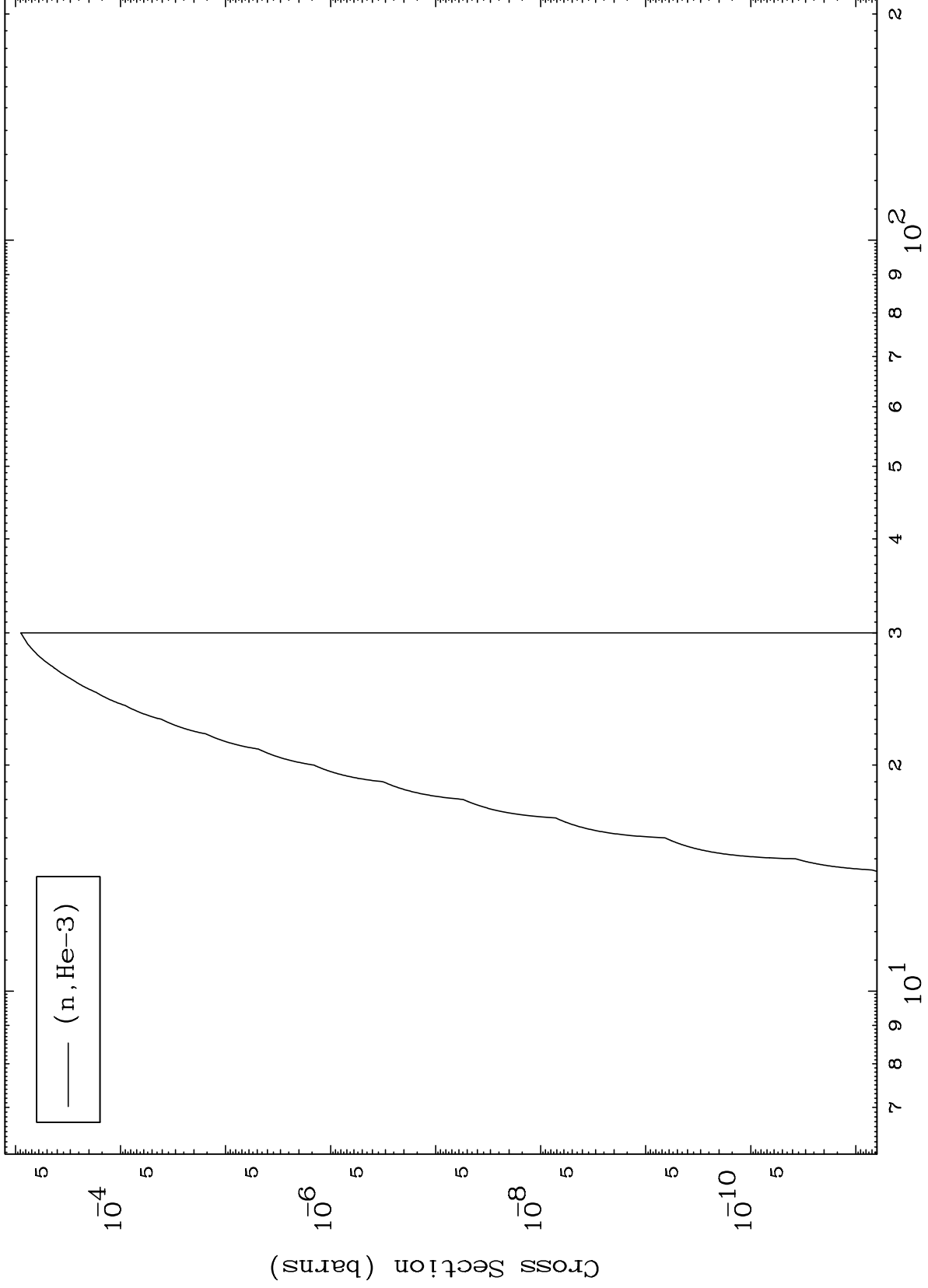
59-Pr-142



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Incident Energy (MeV)

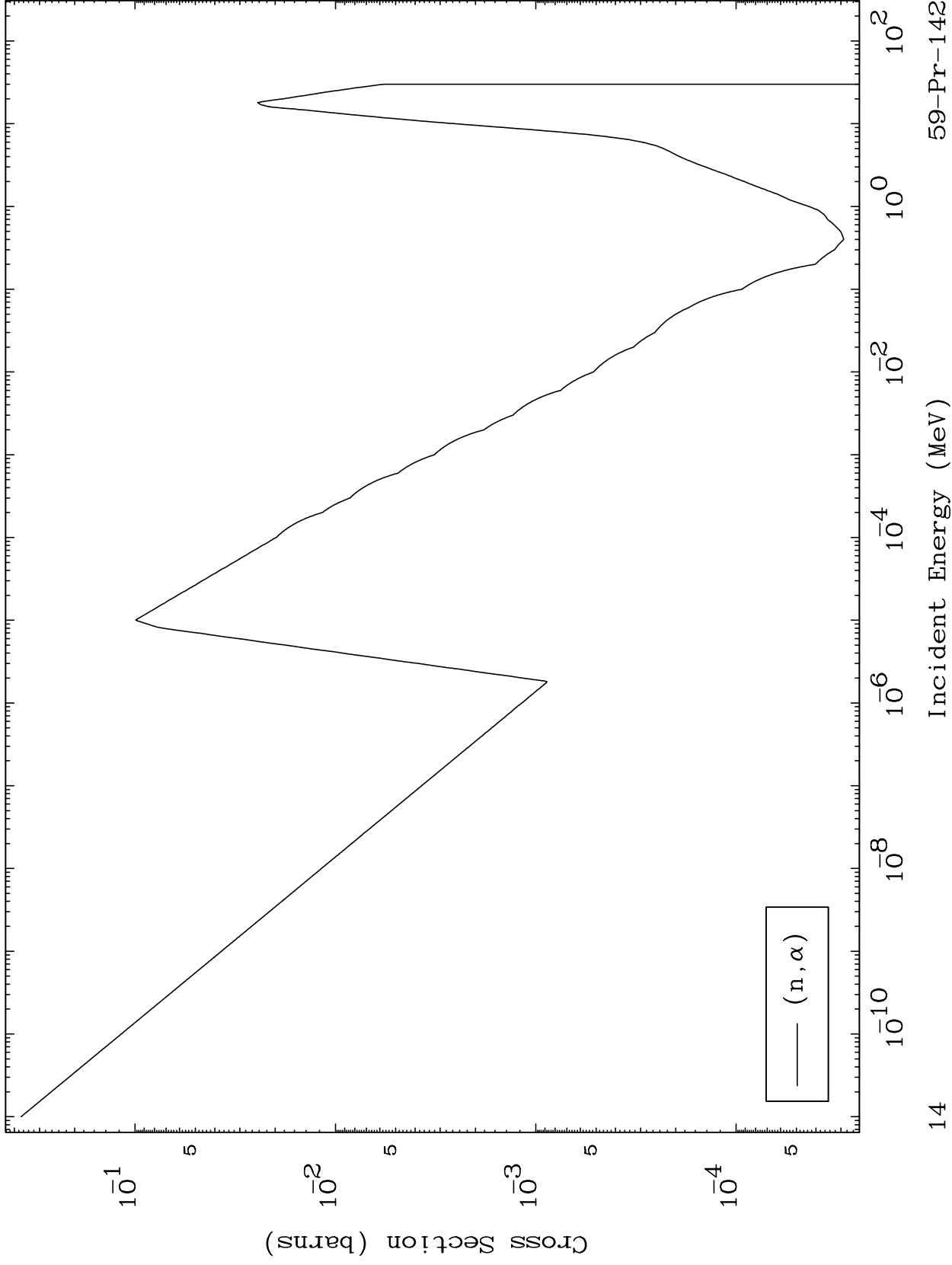
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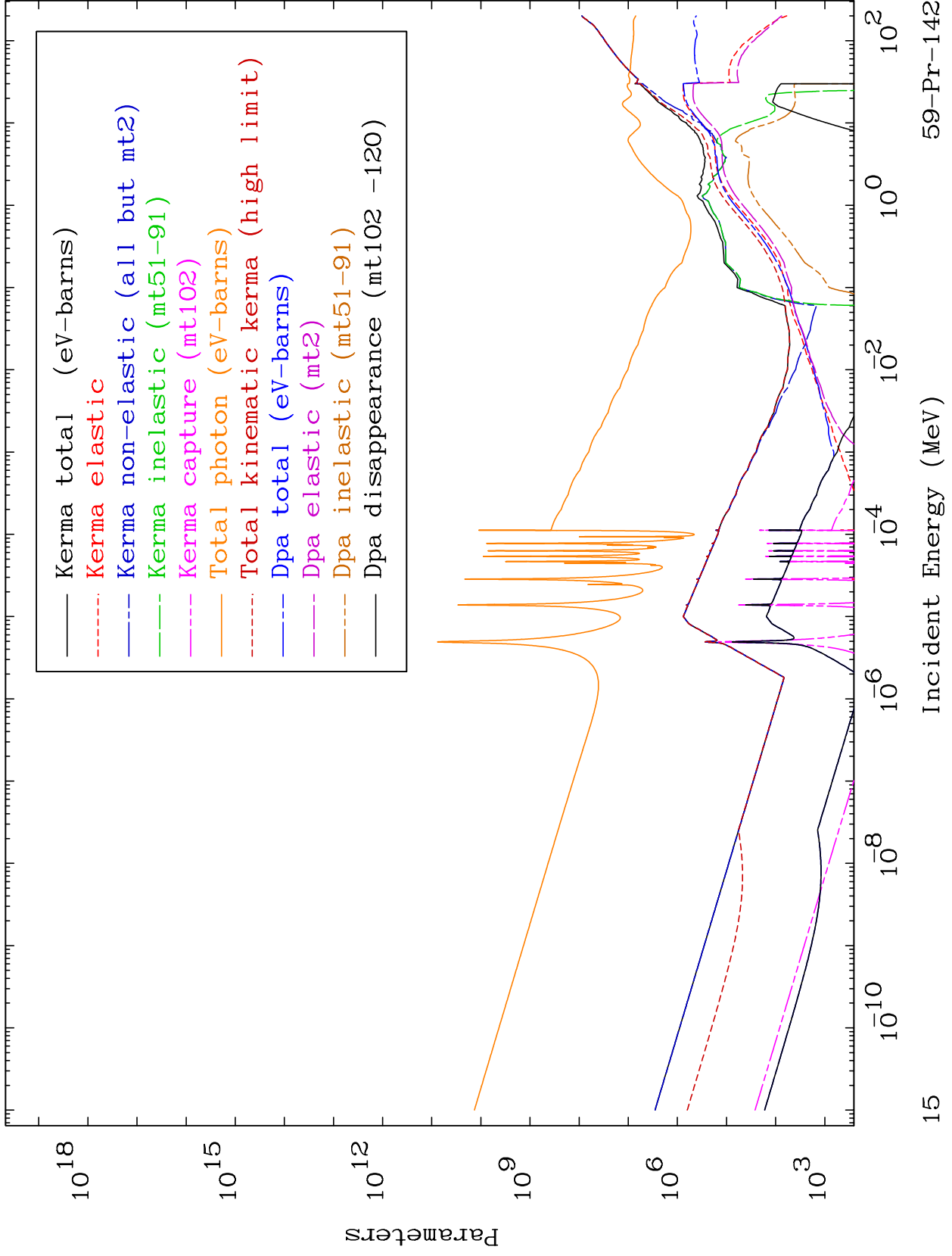


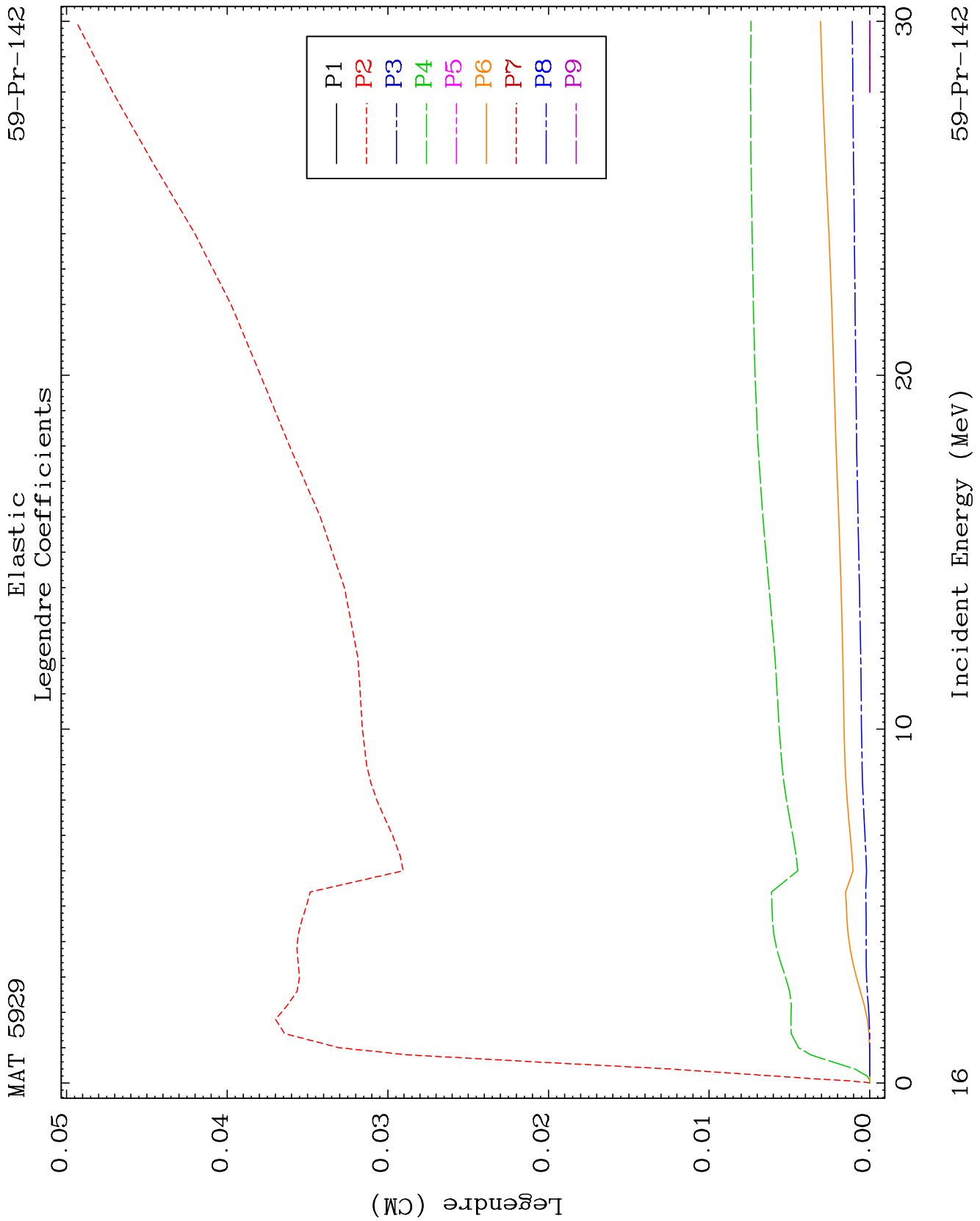
MAT 5929

(n, α) Levels
293 Kelvin Cross Sections

59-Pr-142



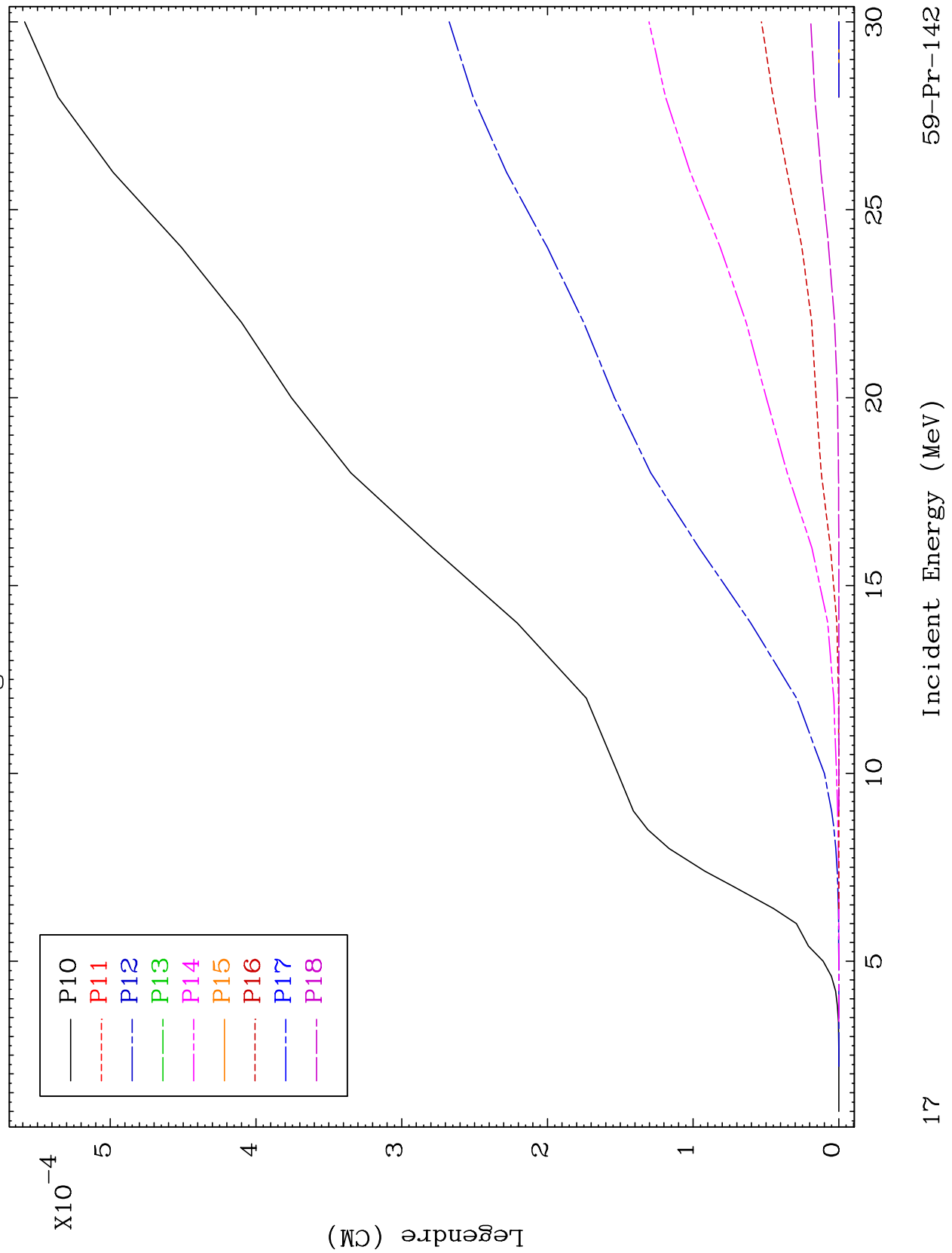




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Elastic Legendre Coefficients

59-Pr-142



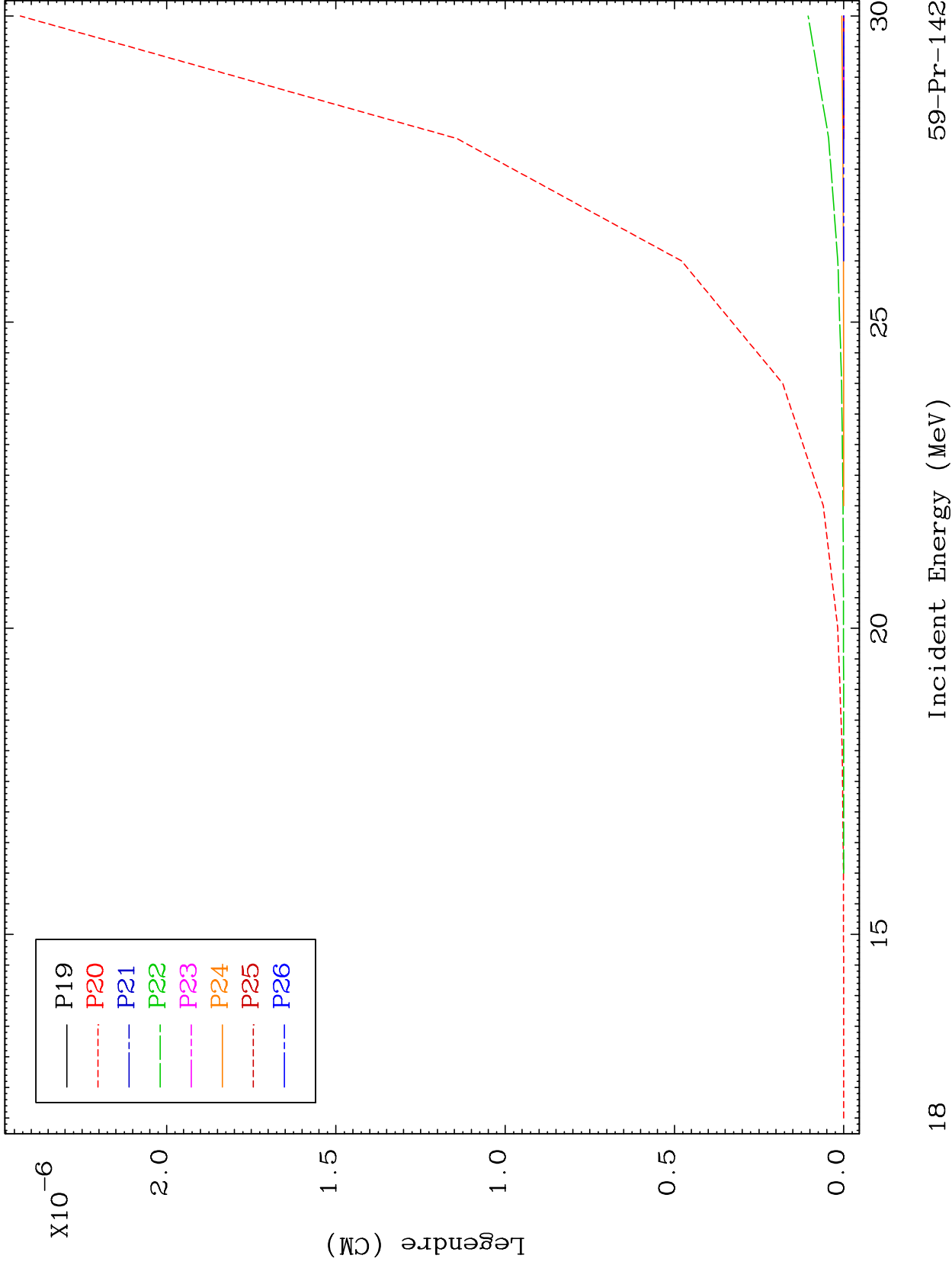
17

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MAT 5929

Elastic Legendre Coefficients

59-Pr-142



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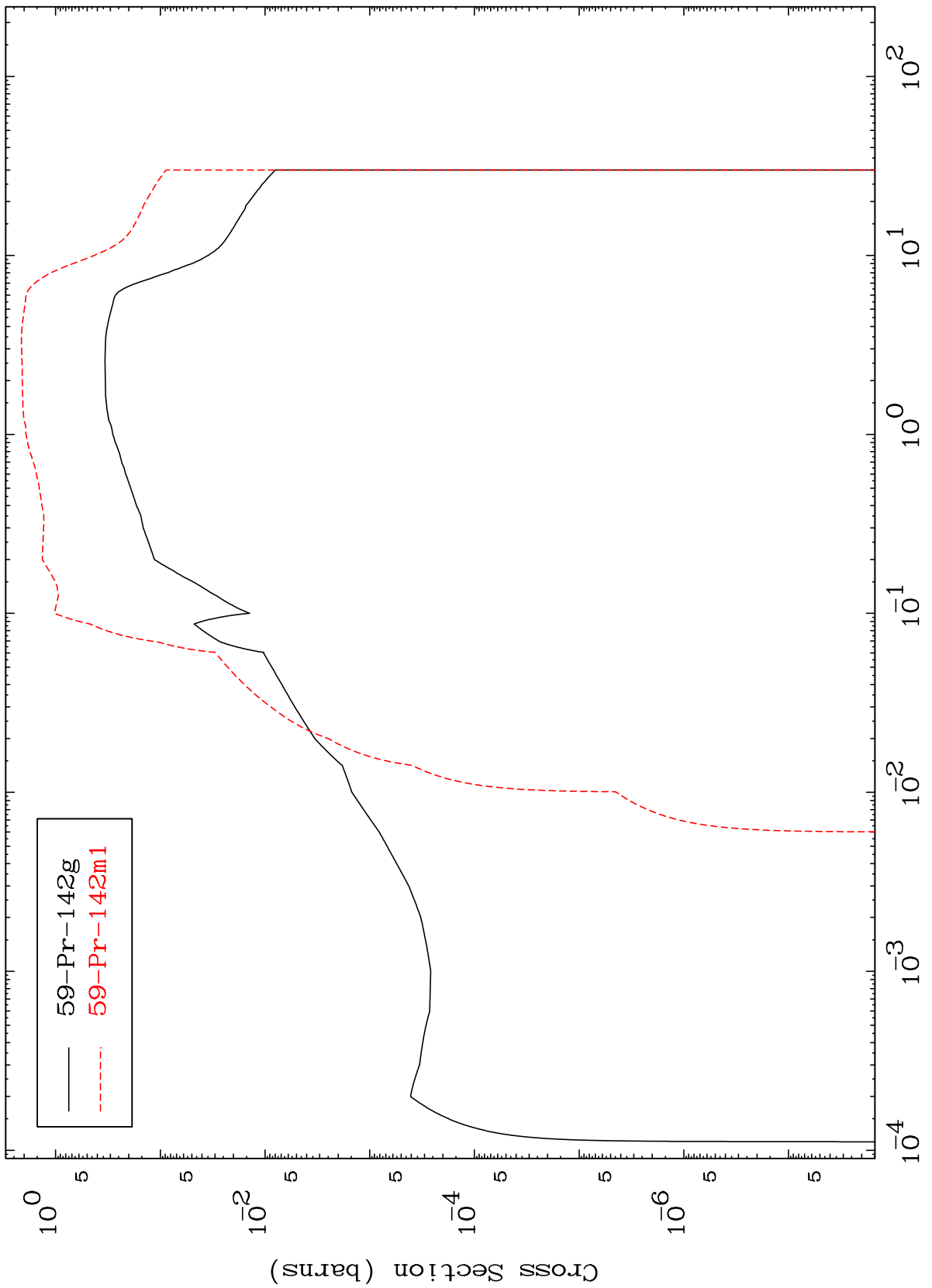
Incident Energy (MeV)

59-Pr-142

MAT 5929

59-Pr-142

Radionuclide Production Cross Section



59-Pr-142

Incident Energy (MeV)

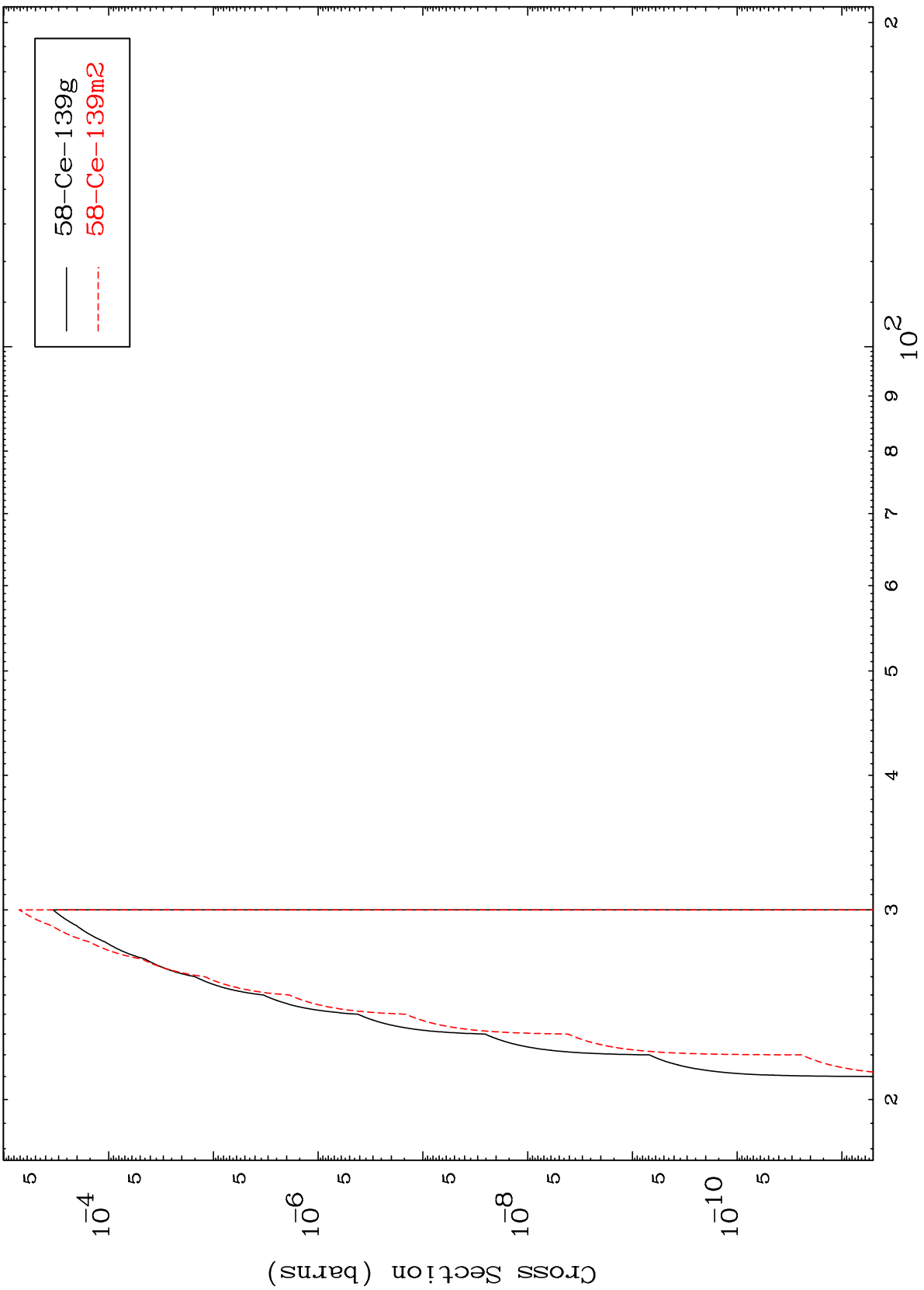
19

MAT 5929

(n,2n) d

59-Pr-142

Radionuclide Production Cross Section



58-Ce-139g
58-Ce-139m2

20

Incident Energy (MeV)

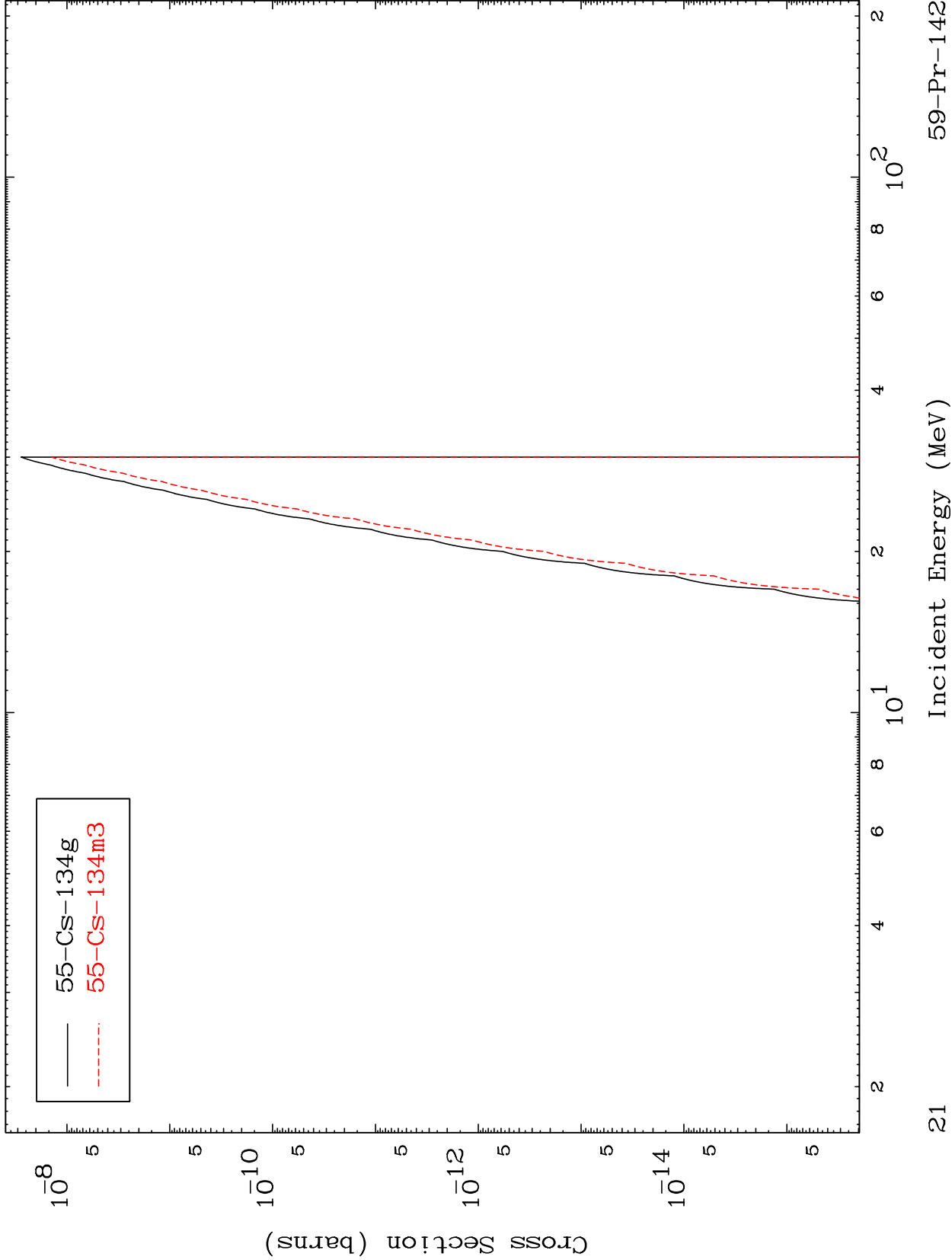
59-Pr-142

MAT 5929

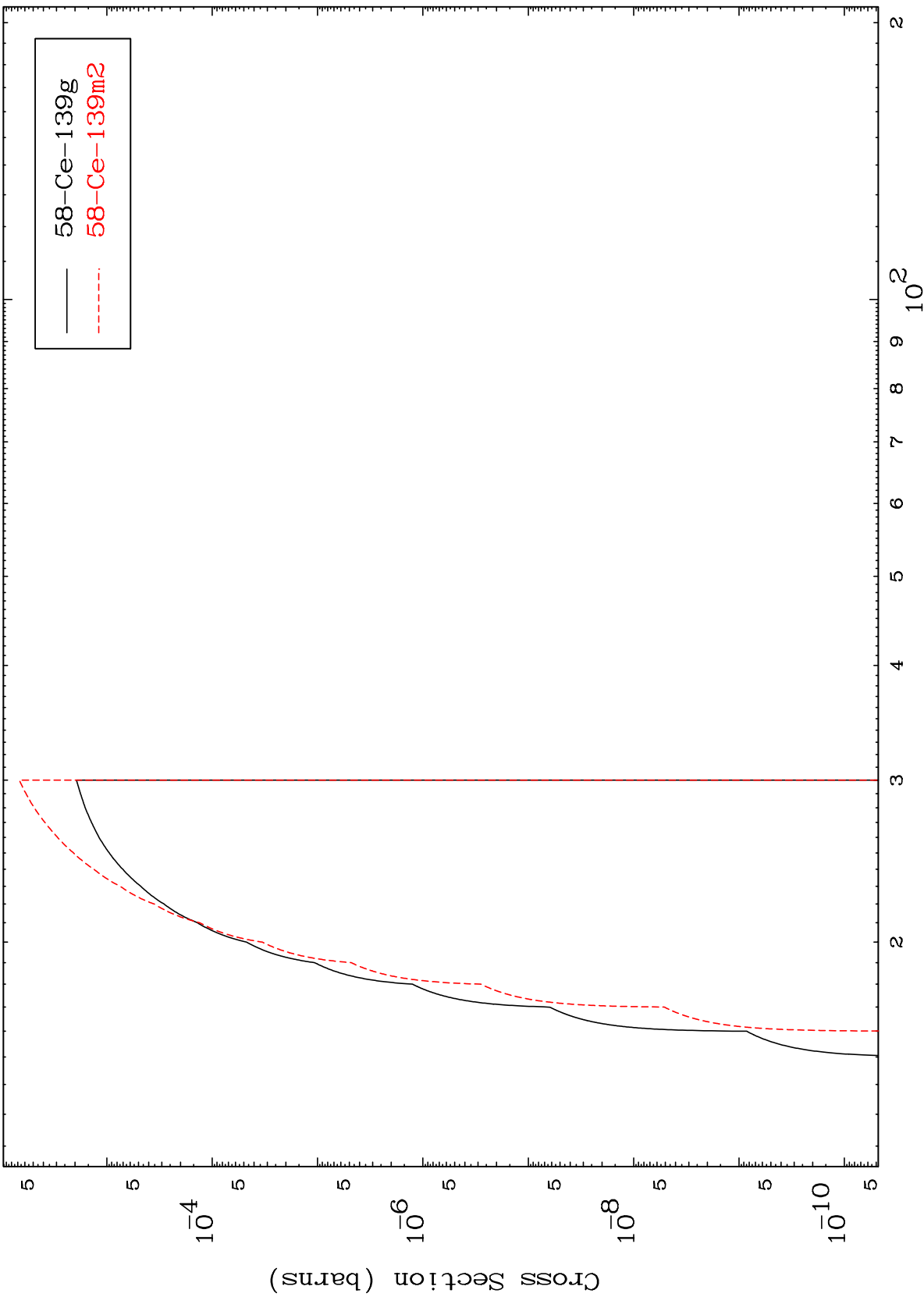
(n,n') 2α

59-Pr-142

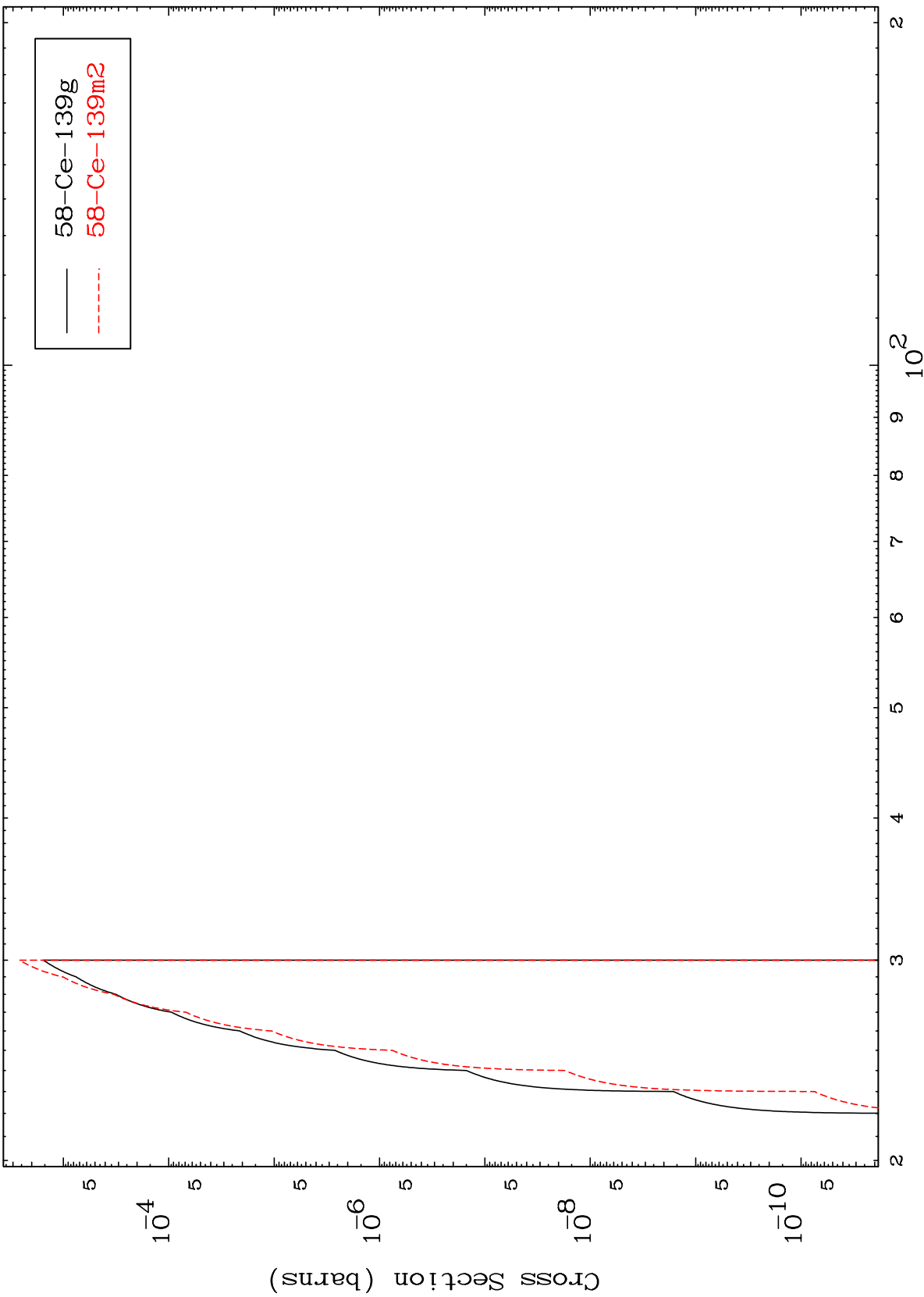
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

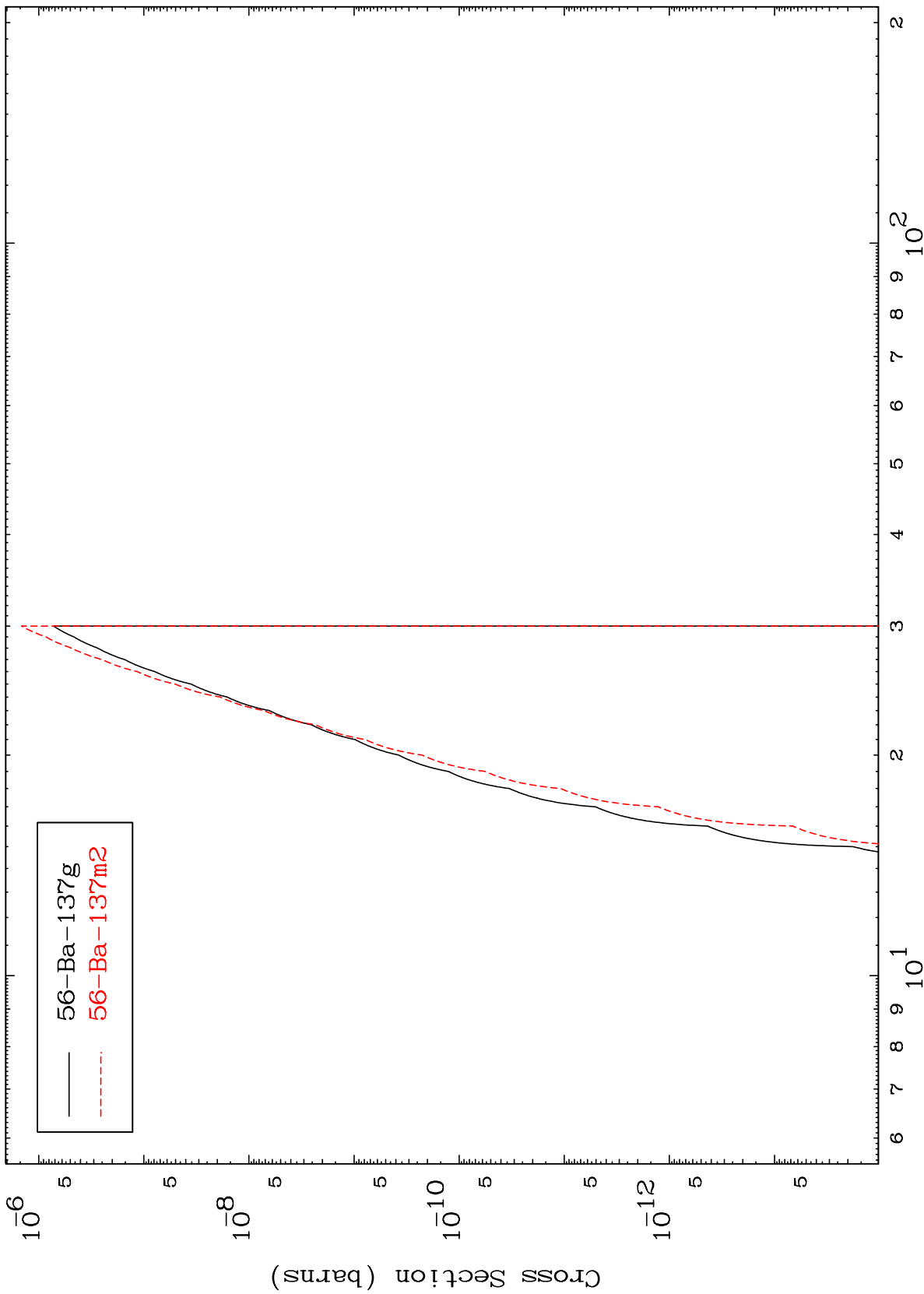


MAT 5929

(n,n') p α

59-Pr-142

Radionuclide Production Cross Section



24

Incident Energy (MeV)

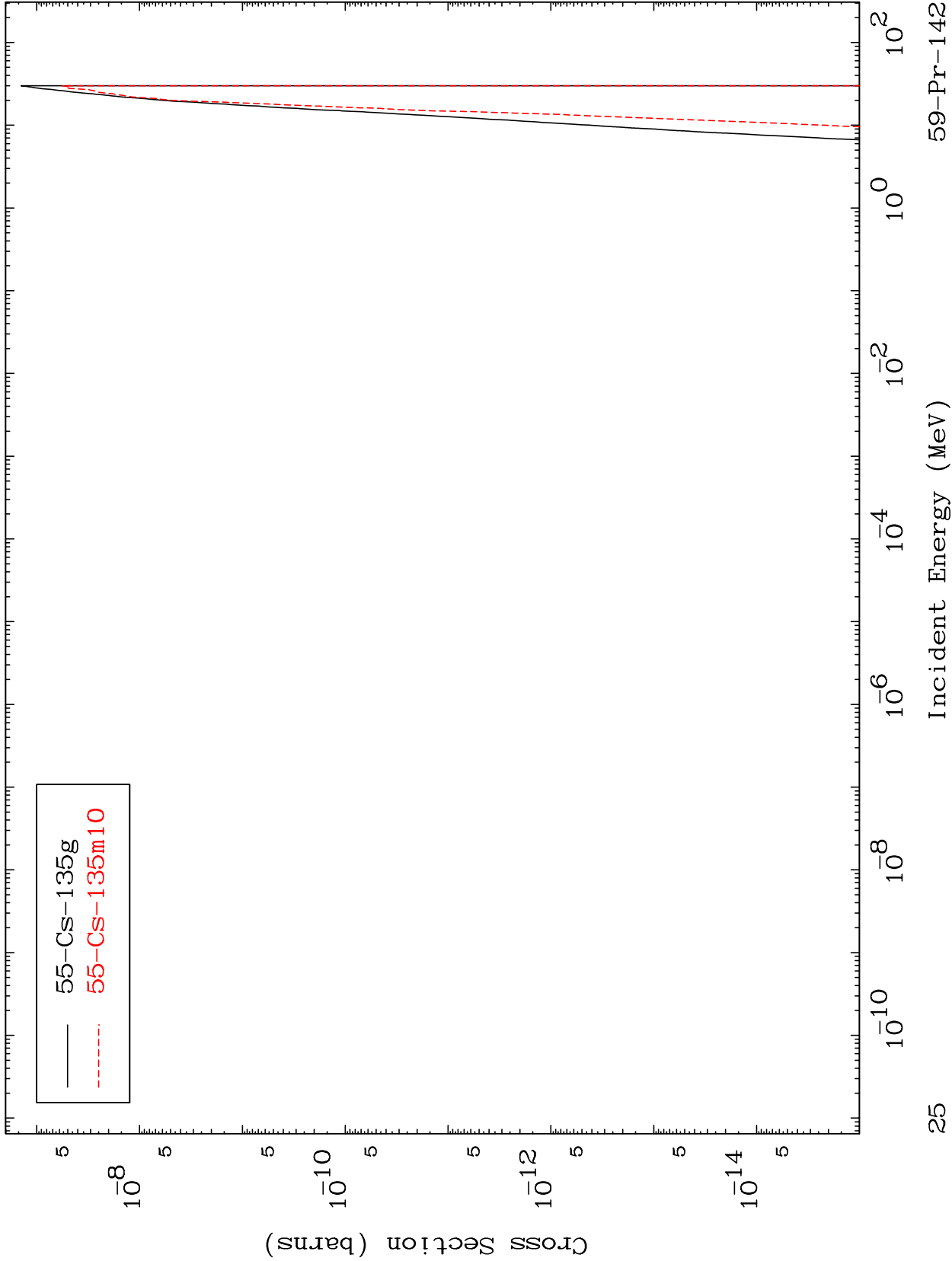
59-Pr-142

MAT 5929

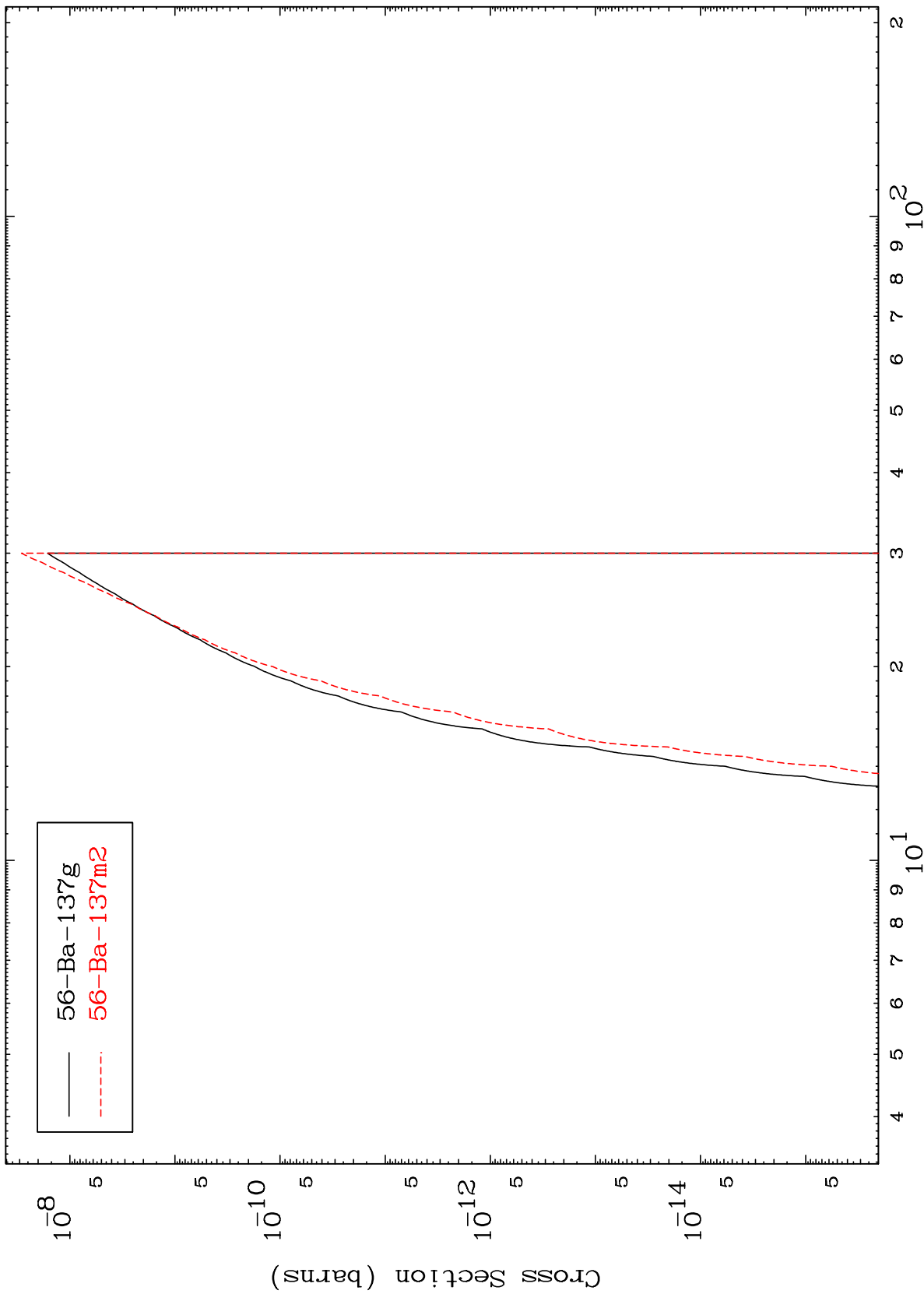
(n,2α)

59-Pr-142

Radionuclide Production Cross Section



Radionuclide Production Cross Section



— 56-Ba-137g
- - - 56-Ba-137m2